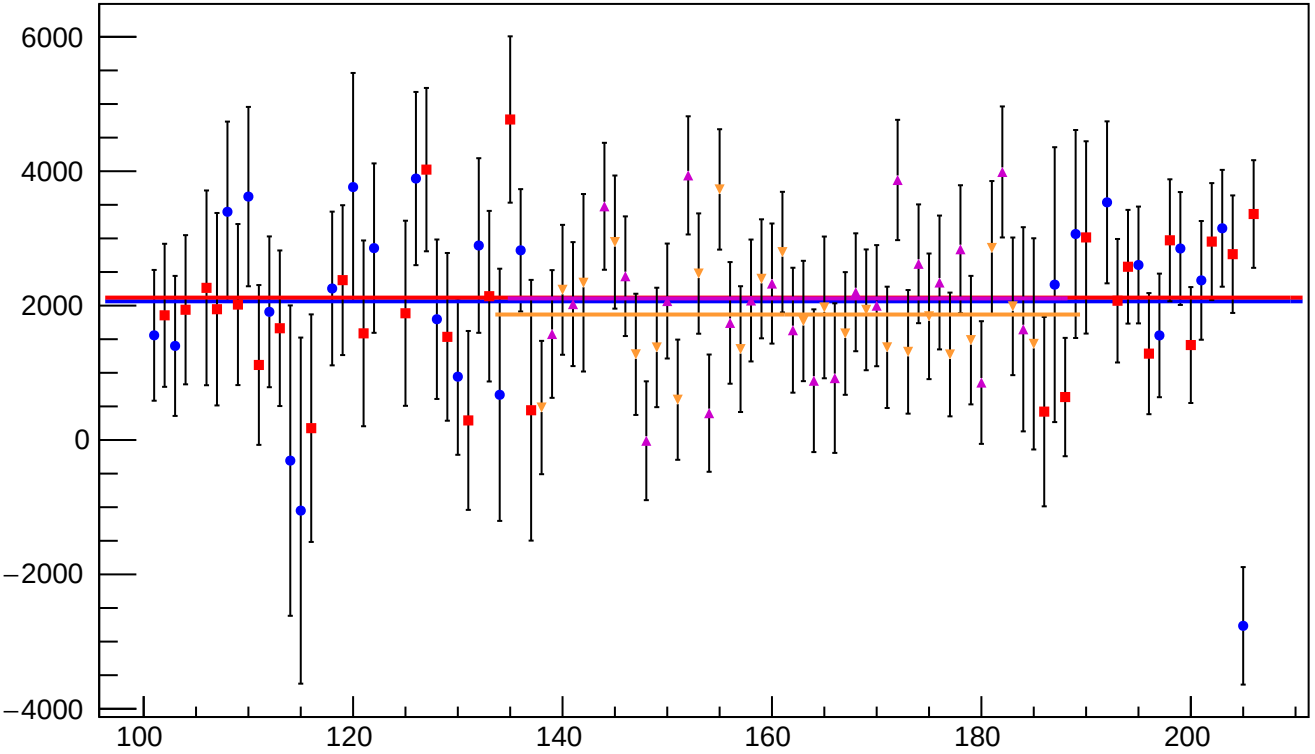
dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2063.985+/-227.735 χ^2/NDF: 47.3/24

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

Right Out: 2119.255+/-207.305 χ^2/NDF: 23.7/27

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

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

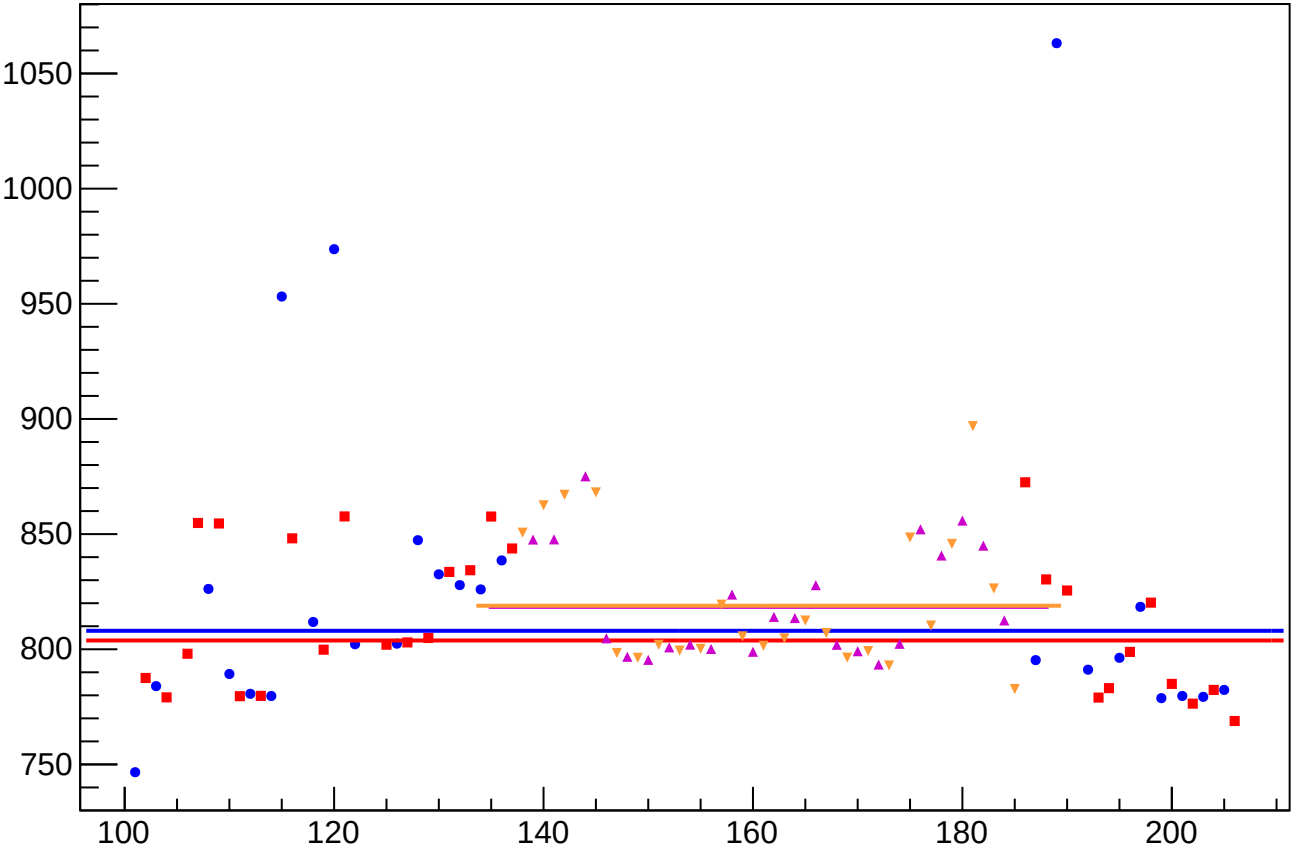
Right: 2094.210+/-153.302 χ^2/NDF: 71.0/52

In: 2088.950+/-148.102 χ^2/NDF:77.3/47

Out: 1985.563+/-141.960 χ^2/NDF:39.6/51

All: 2035.068+/-102.484 χ^2/NDF: 117.1/99

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 808.022+/-0.161 χ^2/NDF: 106591.9/24

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

Right Out: 803.815+/-0.147 χ^2/NDF: 38879.2/27

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

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

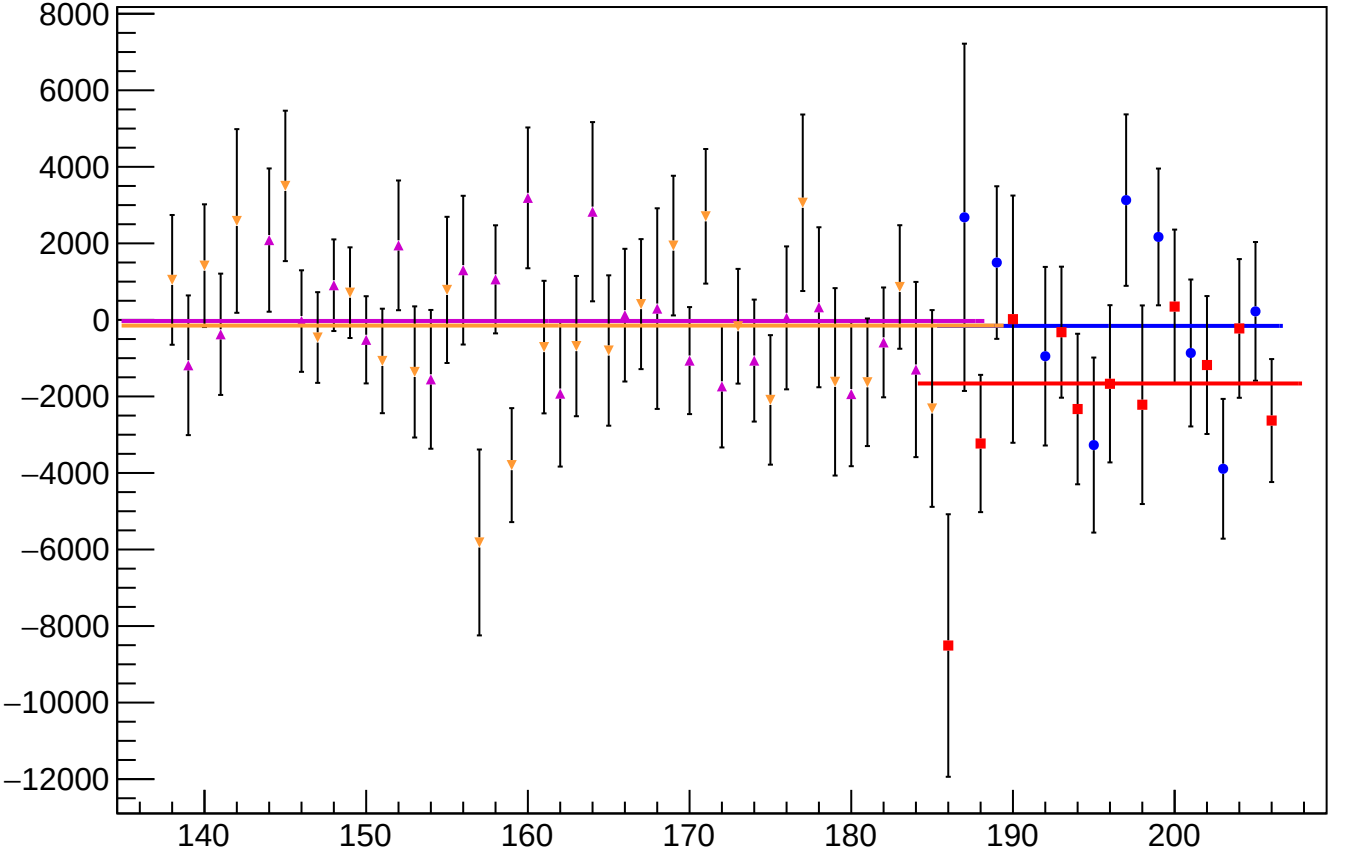
Right: 805.721+/-0.108 χ^2/NDF: 145844.3/52

In: 814.012+/-0.105 χ^2/NDF:138897.2/47

Out: 811.826+/-0.100 χ^2/NDF:86174.1/51

All: 812.873+/-0.072 χ^2/NDF: 225298.5/99

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -156.478+/-696.232 χ^2/NDF: 11.3/8

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

Right Out: -1661.524+/-605.950 χ^2/NDF: 7.9/10

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

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

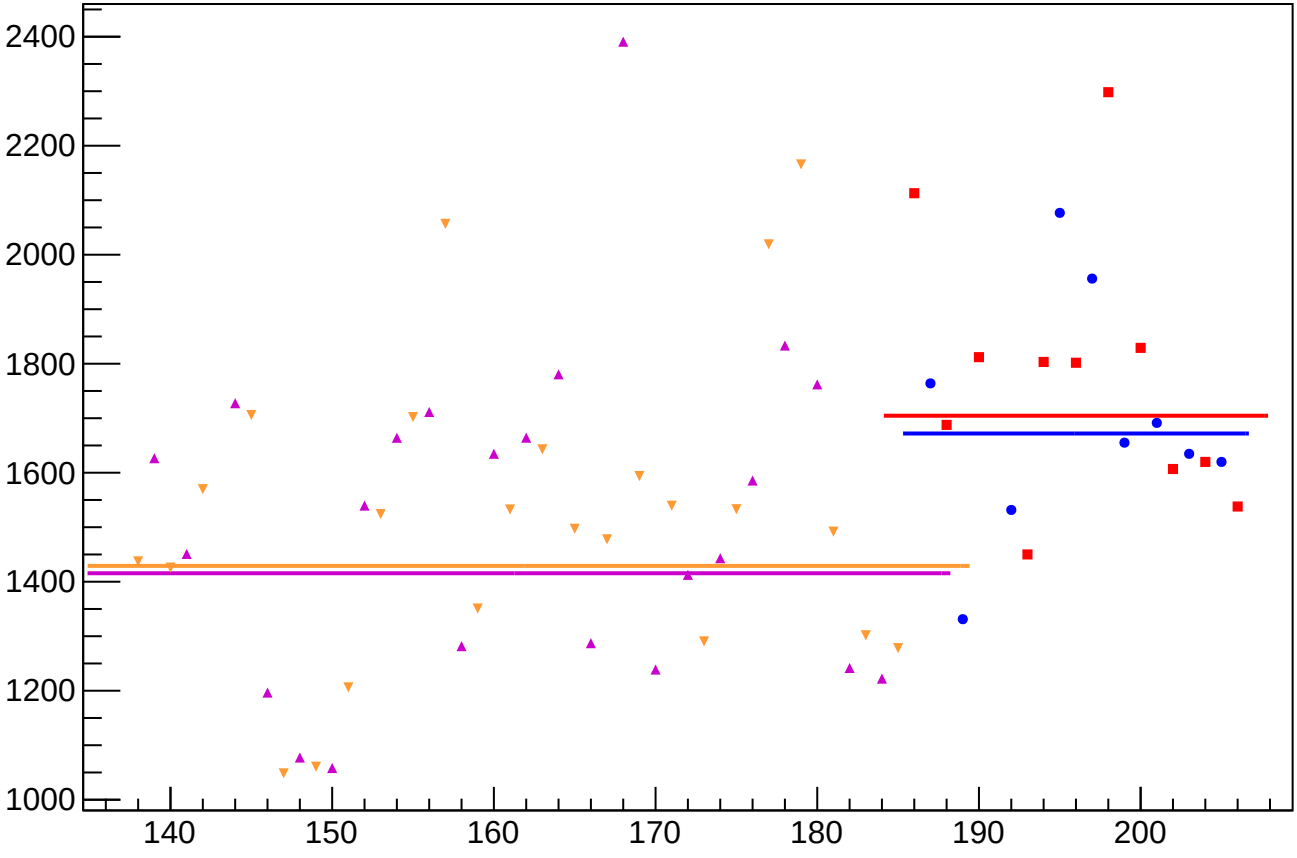
Right: -1012.849+/-457.081 χ^2/NDF: 21.8/19

In: -53.014+/-308.574 χ^2/NDF:26.1/31

Out: -522.880+/-301.611 χ^2/NDF:41.8/34

All: -293.308+/-215.691 χ^2/NDF: 69.1/66

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1671.956+/-0.492 χ^2/NDF: 164160.9/8

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

Right Out: 1704.575+/-0.428 χ^2/NDF: 228485.2/10

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

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

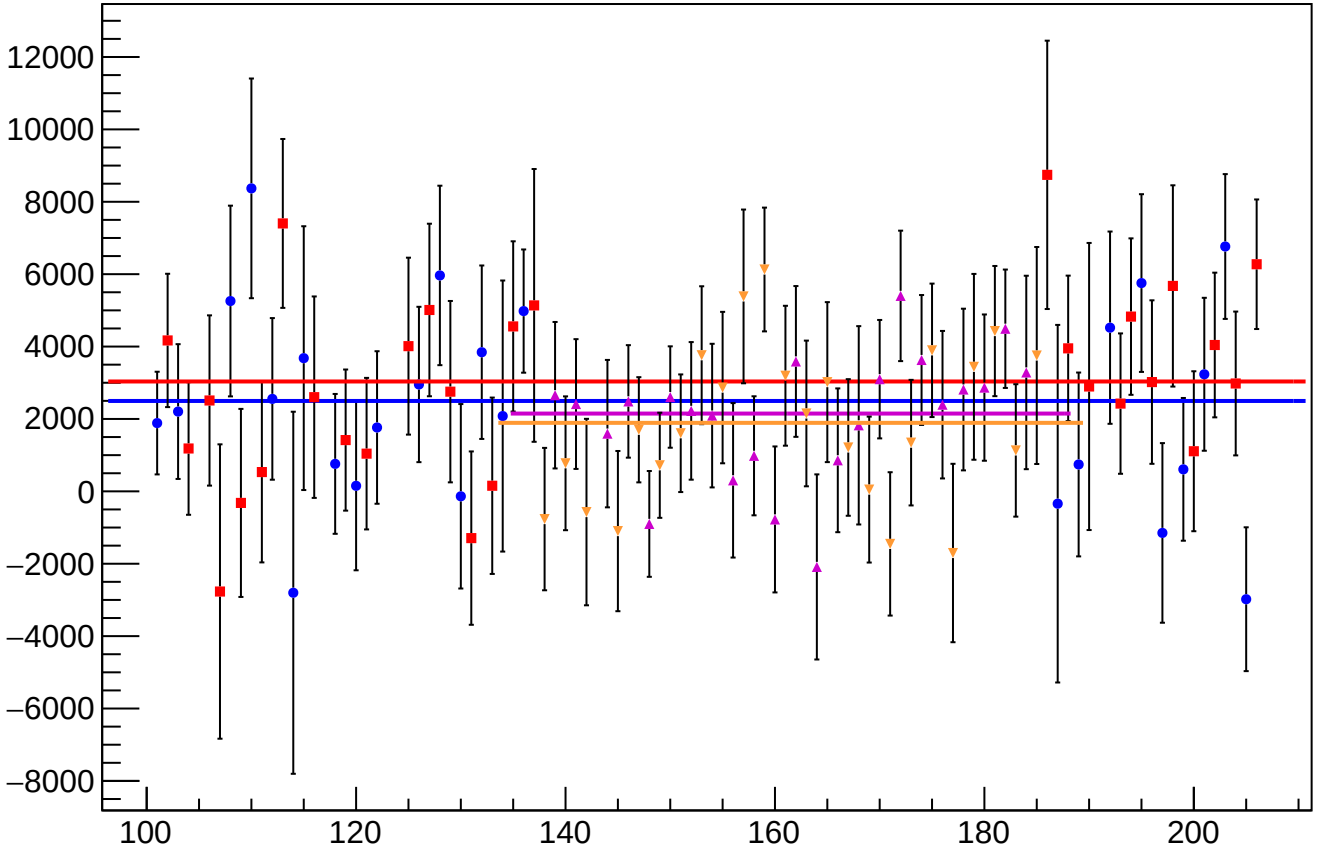
Right: 1690.516+/-0.323 χ^2/NDF: 395144.1/19

In: 1465.920+/-0.218 χ^2/NDF:1627728.1/31

Out: 1497.324+/-0.213 χ^2/NDF:1646458.3/34

All: 1481.980+/-0.153 χ^2/NDF: 3284779.9/66

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2496.957+/-456.138 χ^2/NDF: 32.2/24

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

Right Out: 3035.297+/-436.269 χ^2/NDF: 26.1/27

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

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

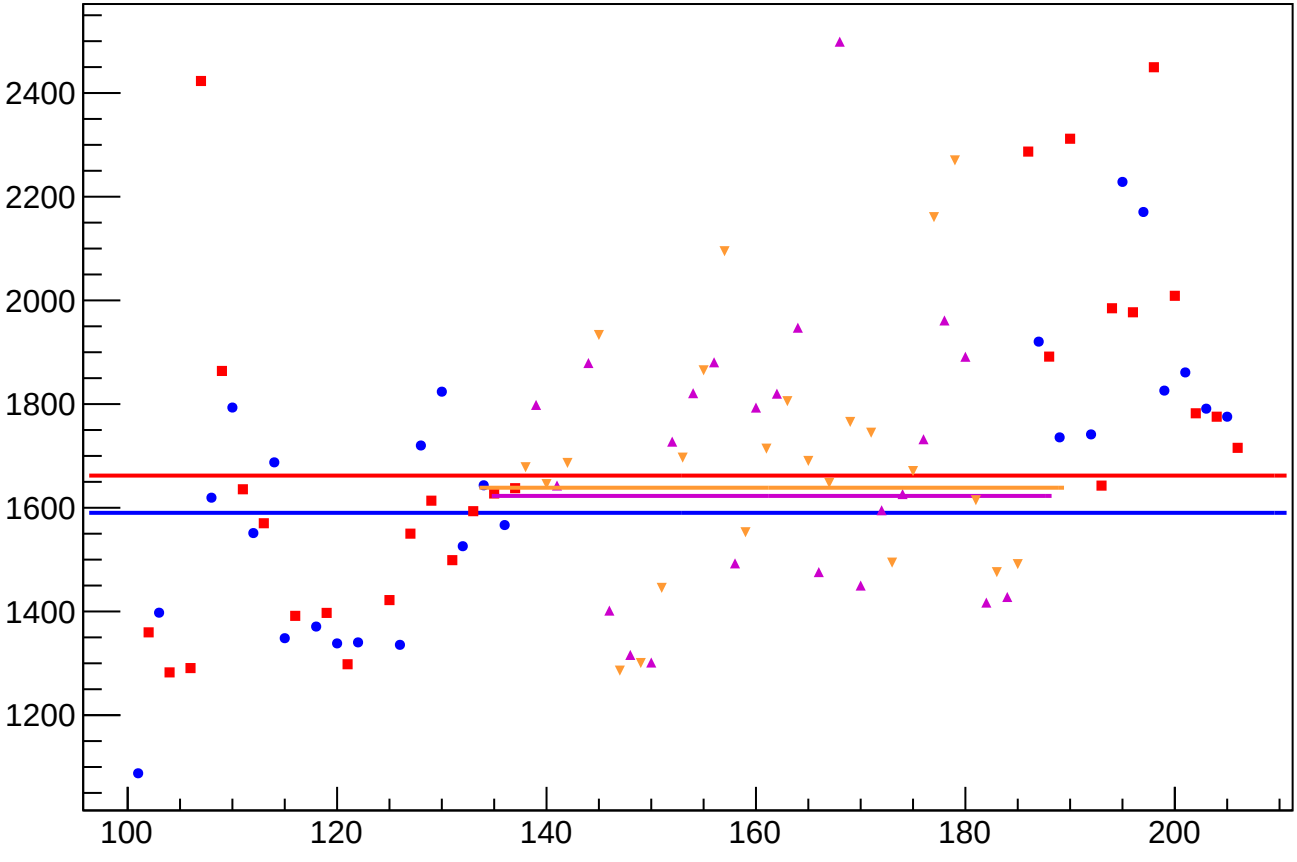
Right: 2778.107+/-315.279 χ^2/NDF: 59.1/52

In: 2296.615+/-297.174 χ^2/NDF:51.0/47

Out: 2407.019+/-292.731 χ^2/NDF:55.8/51

All: 2352.649+/-208.545 χ^2/NDF: 106.9/99

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1590.250+/-0.323 χ^2/NDF: 787247.2/24

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

Right Out: 1662.082+/-0.308 χ^2/NDF: 872845.4/27

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

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

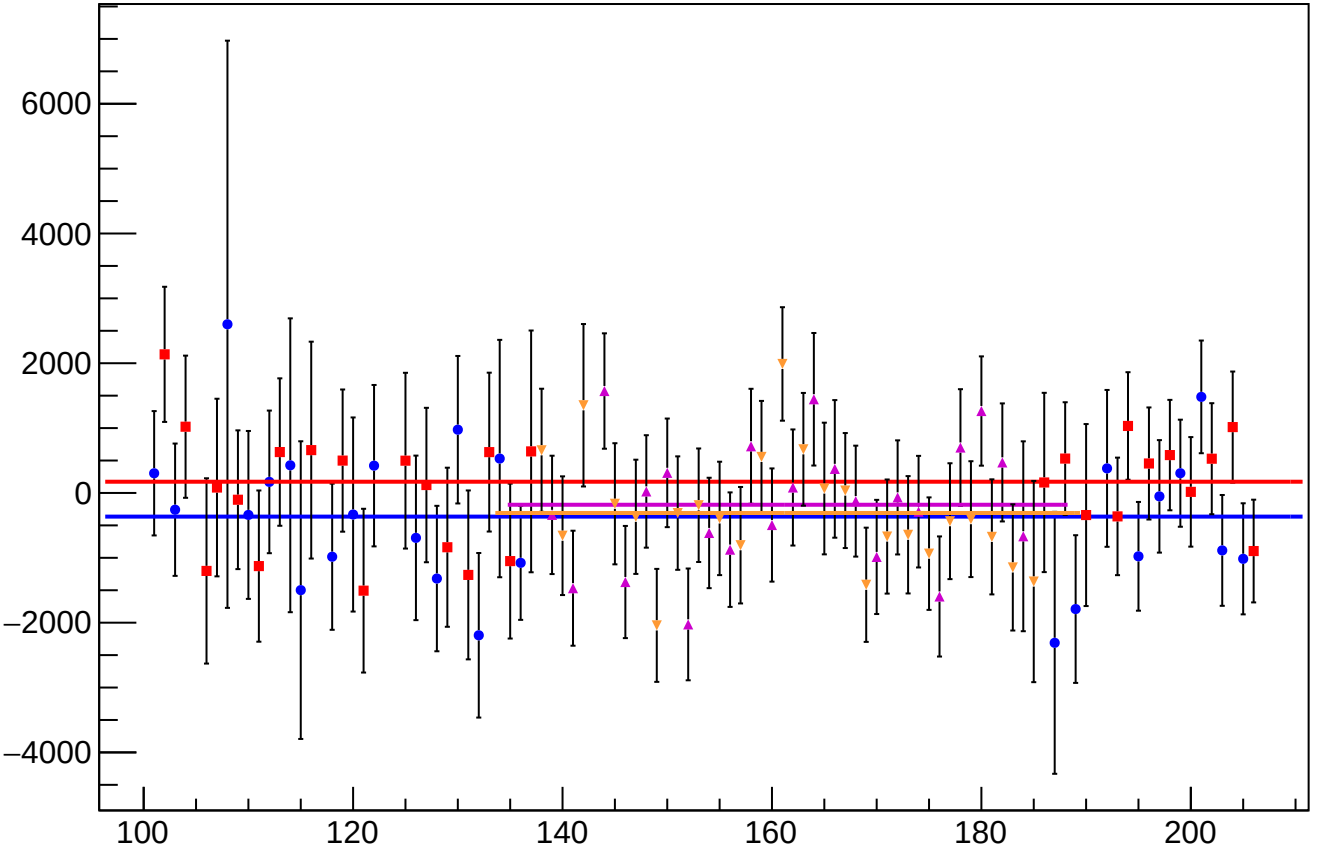
Right: 1627.764+/-0.223 χ^2/NDF: 1685996.0/52

In: 1609.028+/-0.210 χ^2/NDF:1573658.6/47

Out: 1649.216+/-0.207 χ^2/NDF:1547992.6/51

All: 1629.424+/-0.147 χ^2/NDF: 3140214.7/99

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -364.676+/-222.628 χ^2/NDF: 17.1/24

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

Right Out: 173.184+/-201.546 χ^2/NDF: 16.8/27

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

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

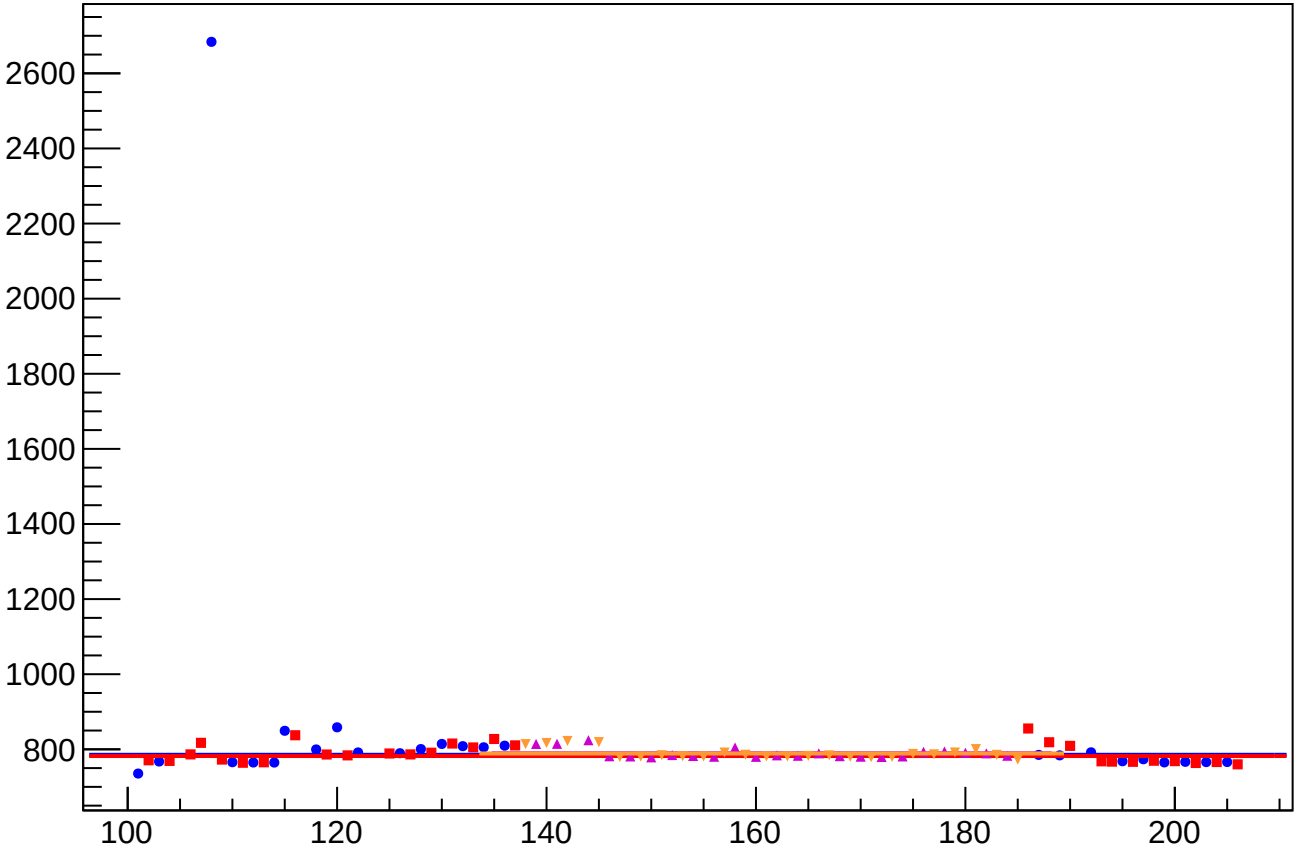
Right: -69.080+/-149.413 χ^2/NDF: 37.1/52

In: -258.001+/-143.608 χ^2/NDF:43.0/47

Out: -85.264+/-137.259 χ^2/NDF:40.4/51

All: -167.730+/-99.225 χ^2/NDF: 84.2/99

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.392+/-0.157 χ^2/NDF: 400713.9/24

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

Right Out: 782.105+/-0.143 χ^2/NDF: 26528.9/27

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

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

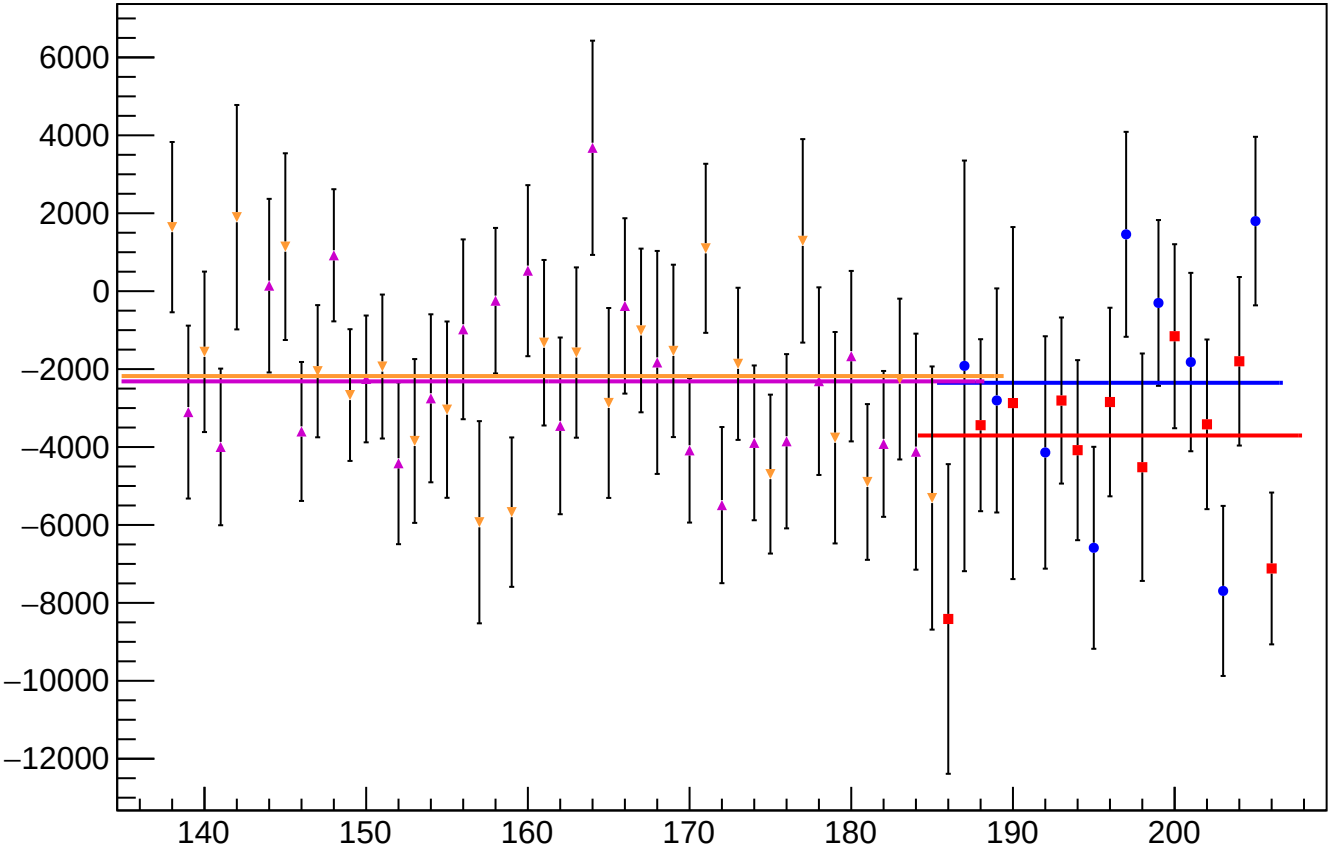
Right: 783.585+/-0.106 χ^2/NDF: 427482.4/52

In: 787.736+/-0.102 χ^2/NDF:410312.8/47

Out: 785.741+/-0.097 χ^2/NDF:37085.0/51

All: 786.693+/-0.070 χ^2/NDF: 447599.5/99

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -2351.270+/-845.712 χ^2/NDF: 15.8/8

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

Right Out: -3703.823+/-729.200 χ^2/NDF: 6.9/10

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

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

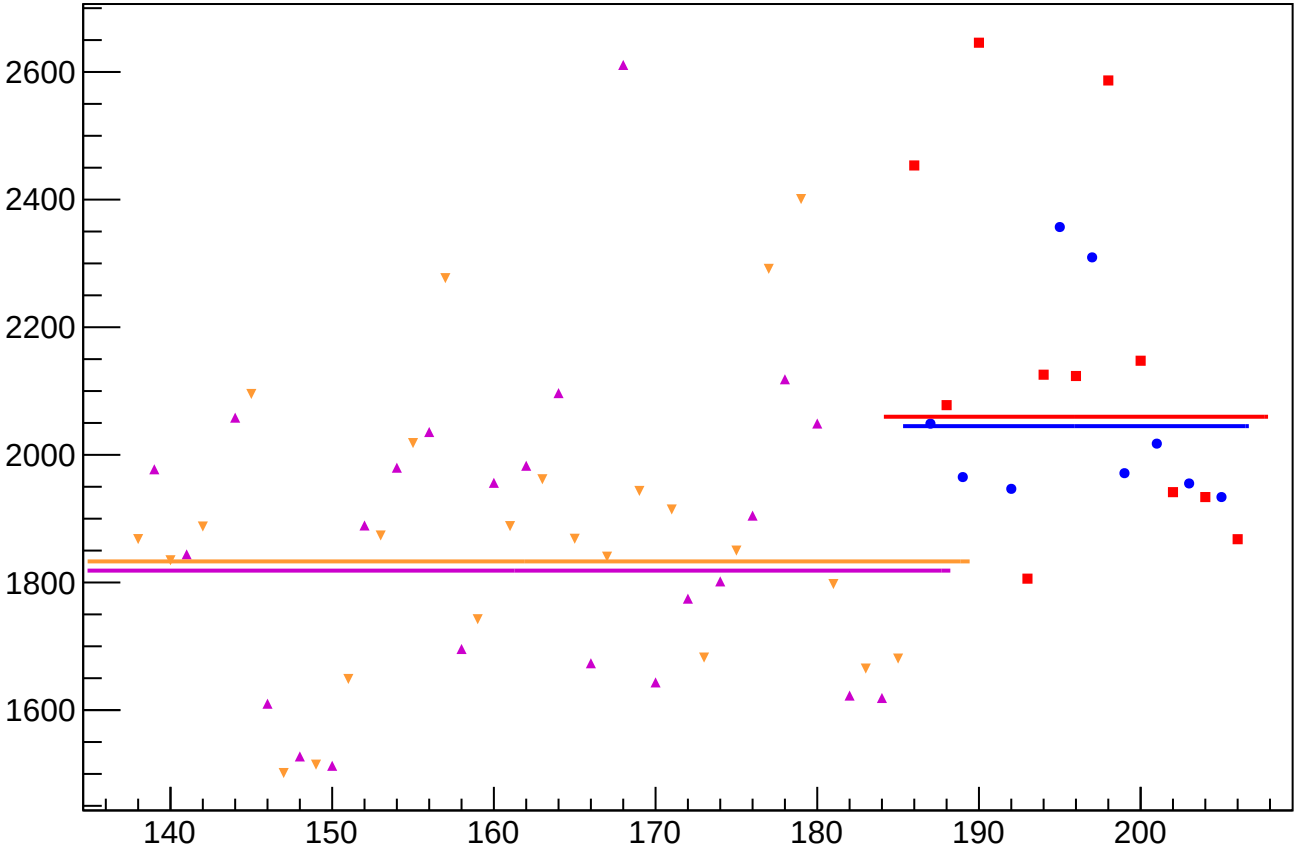
Right: -3127.063+/-552.259 χ^2/NDF: 24.2/19

In: -2322.777+/-388.235 χ^2/NDF:37.8/31

Out: -2585.142+/-376.518 χ^2/NDF:32.8/34

All: -2457.979+/-270.286 χ^2/NDF: 70.9/66

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 2045.000+/-0.598 χ^2/NDF: 64270.2/8

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

Right Out: 2059.734+/-0.516 χ^2/NDF: 184836.6/10

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

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

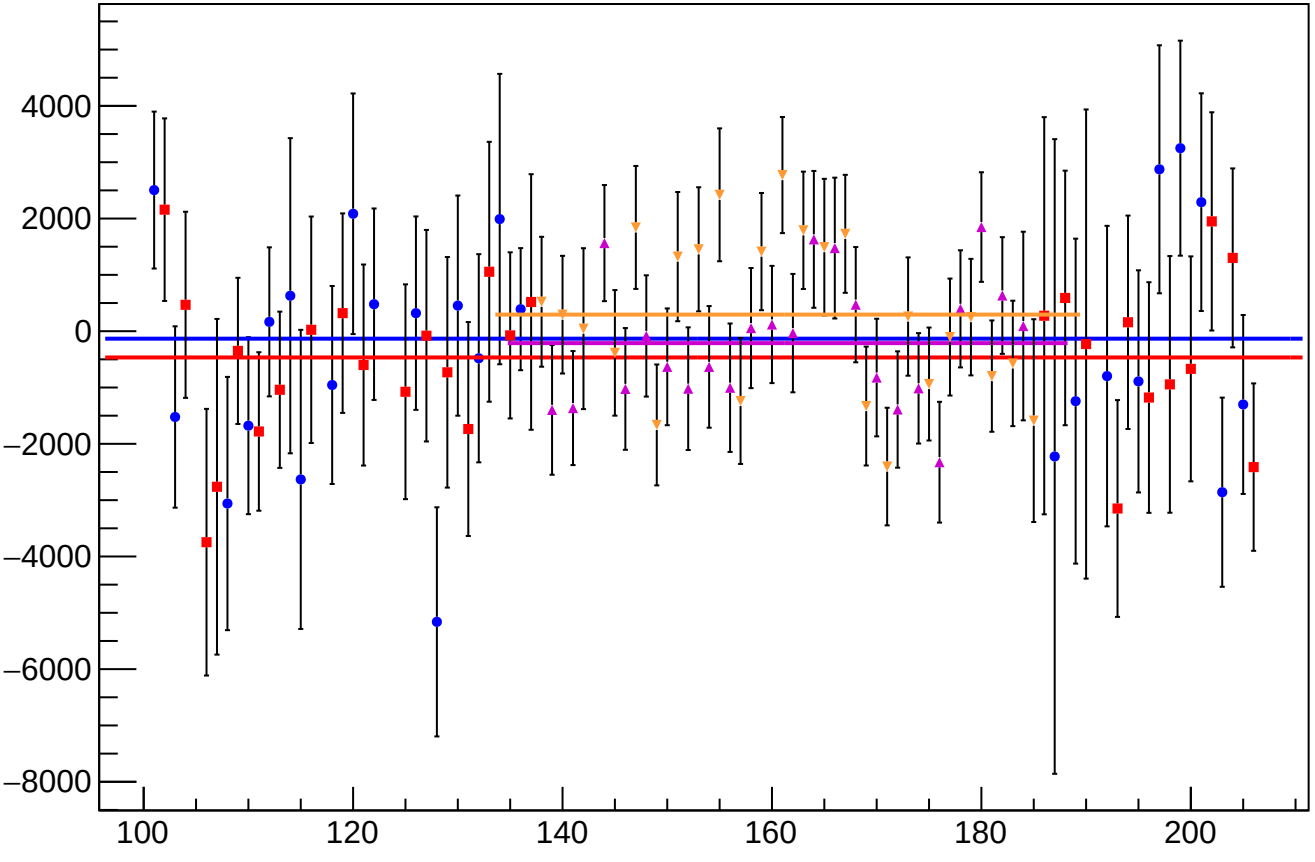
Right: 2053.451+/-0.391 χ^2/NDF: 249455.0/19

In: 1866.307+/-0.275 χ^2/NDF:714227.4/31

Out: 1893.470+/-0.266 χ^2/NDF:792078.0/34

All: 1880.304+/-0.191 χ^2/NDF: 1511350.5/66

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -132.858+/-367.119 χ^2/NDF: 26.9/24

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

Right Out: -466.423+/-350.639 χ^2/NDF: 15.1/27

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

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

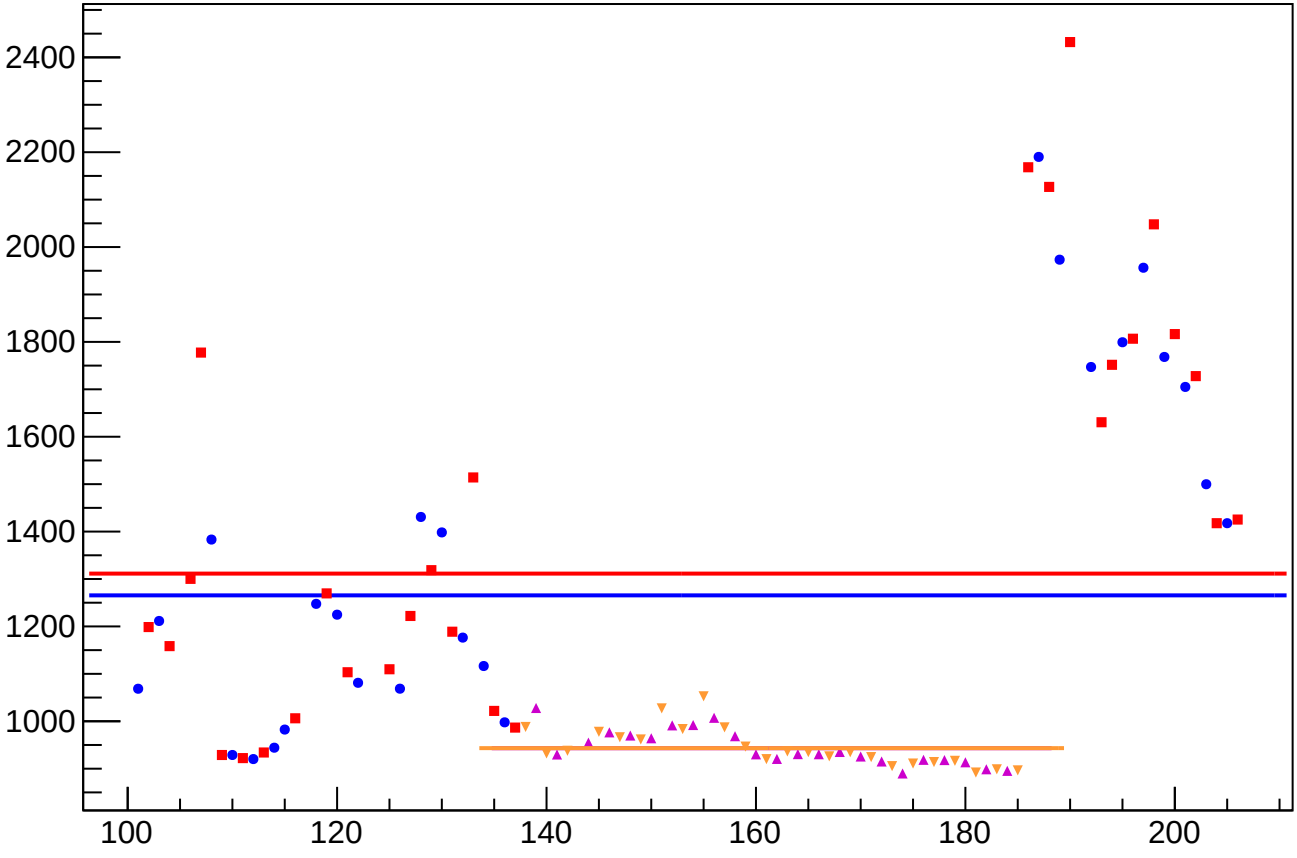
Right: -307.295+/-253.565 χ^2/NDF: 42.4/52

In: -190.490+/-191.652 χ^2/NDF:50.7/47

Out: 73.590+/-188.975 χ^2/NDF:56.7/51

All: -56.593+/-134.562 χ^2/NDF: 108.4/99

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1265.494+/-0.260 χ^2/NDF: 1413697.1/24

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

Right Out: 1311.385+/-0.248 χ^2/NDF: 2047102.8/27

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

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

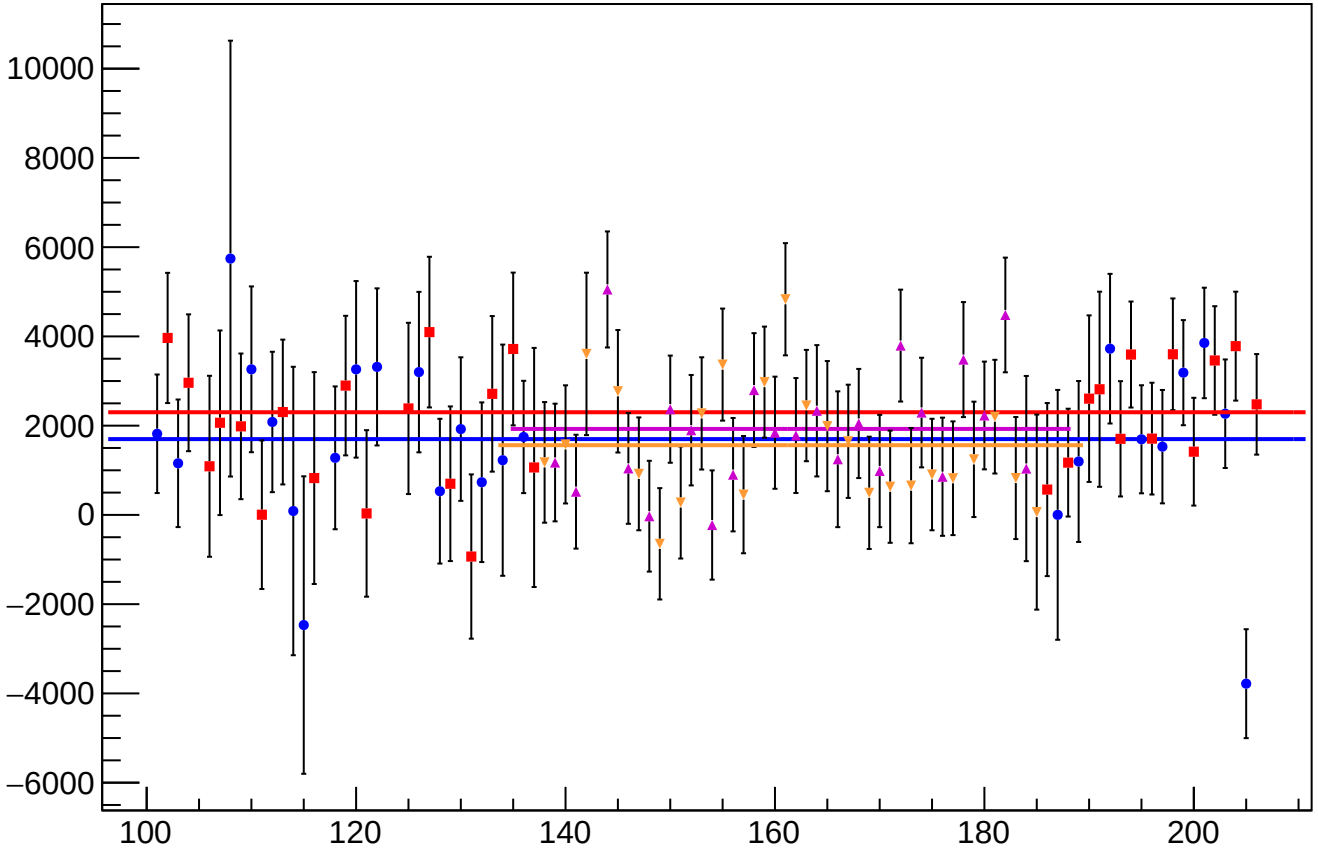
Right: 1289.493+/-0.179 χ^2/NDF: 3477142.5/52

In: 1030.988+/-0.136 χ^2/NDF:2585427.9/47

Out: 1050.233+/-0.134 χ^2/NDF:3671083.8/51

All: 1040.746+/-0.095 χ^2/NDF: 6266737.0/99

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1698.865+/-317.363 χ^2/NDF: 33.4/24

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

Right Out: 2300.505+/-285.435 χ^2/NDF: 19.2/28

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

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

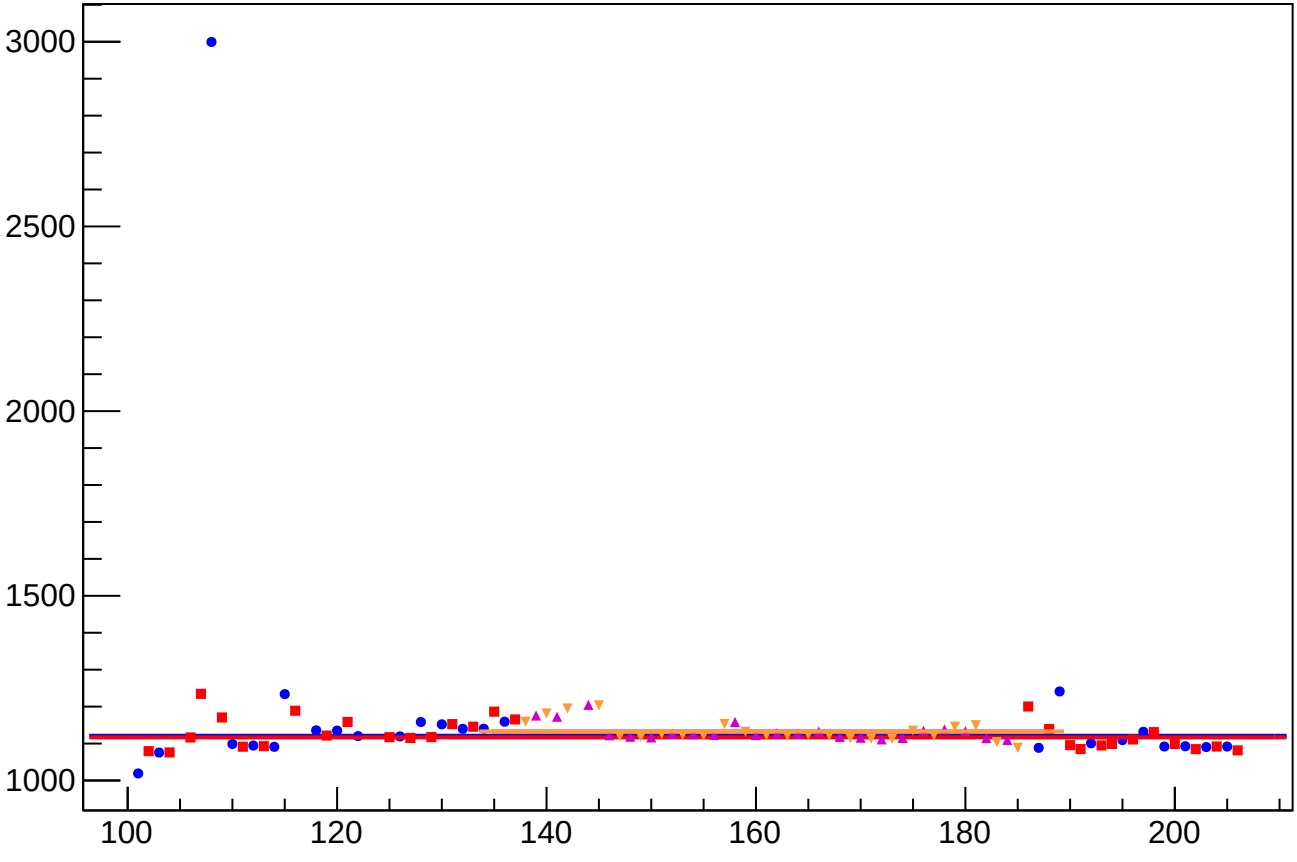
Right: 2031.462+/-212.226 χ^2/NDF: 54.7/53

In: 1831.305+/-205.499 χ^2/NDF:57.9/47

Out: 1909.800+/-195.869 χ^2/NDF:44.5/52

All: 1872.435+/-141.783 χ^2/NDF: 102.5/100

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1121.151+/-0.224 χ^2/NDF: 331693.8/24

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

Right Out: 1116.684+/-0.202 χ^2/NDF: 31414.2/28

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

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

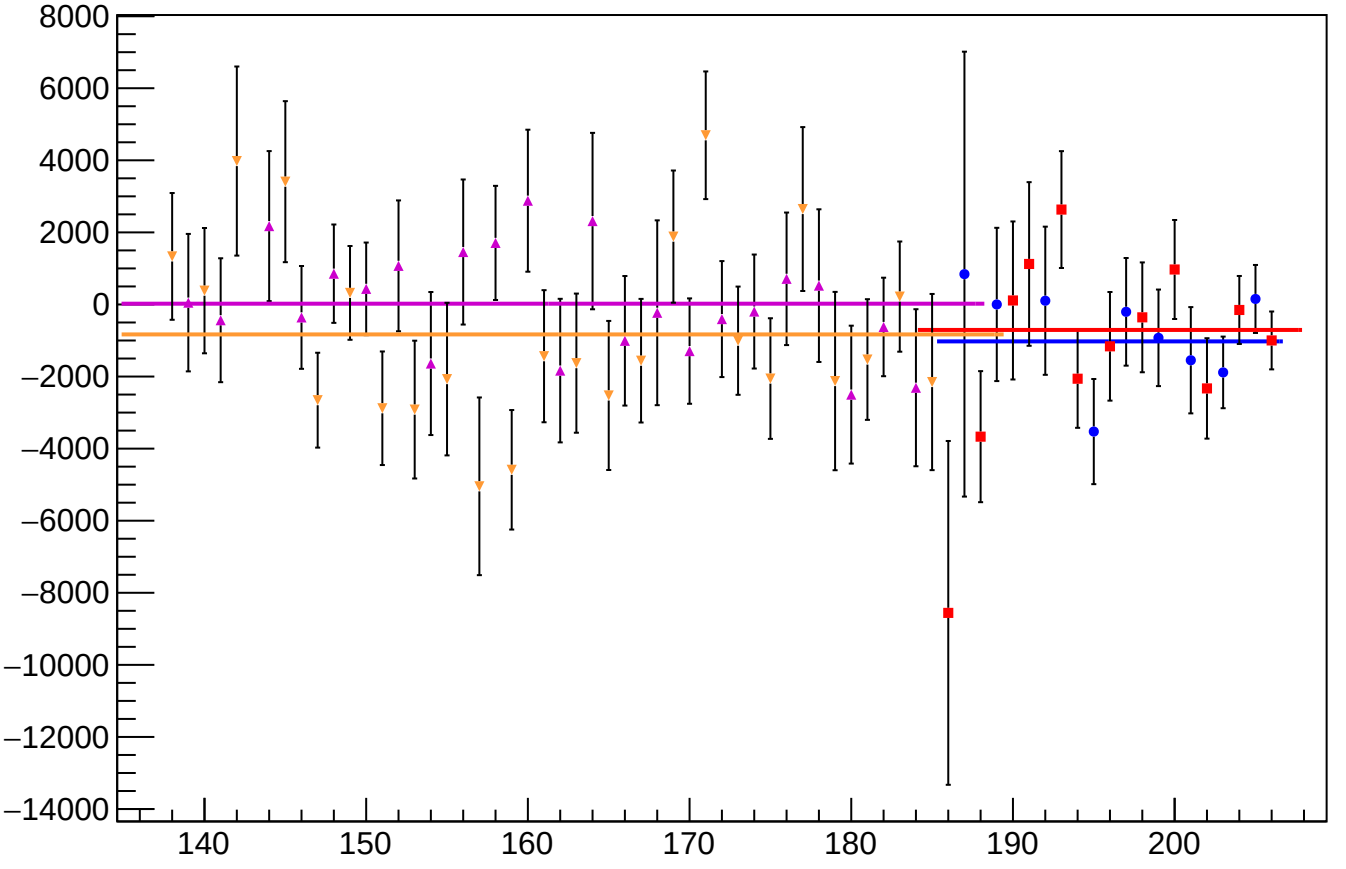
Right: 1118.681+/-0.150 χ^2/NDF: 363327.1/53

In: 1127.782+/-0.145 χ^2/NDF:347722.4/47

Out: 1125.255+/-0.139 χ^2/NDF:51609.1/52

All: 1126.458+/-0.100 χ^2/NDF: 399490.1/100

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -1024.442+/-468.498 χ^2/NDF: 6.3/8

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

Right Out: -706.747+/-399.721 χ^2/NDF: 14.9/11

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

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

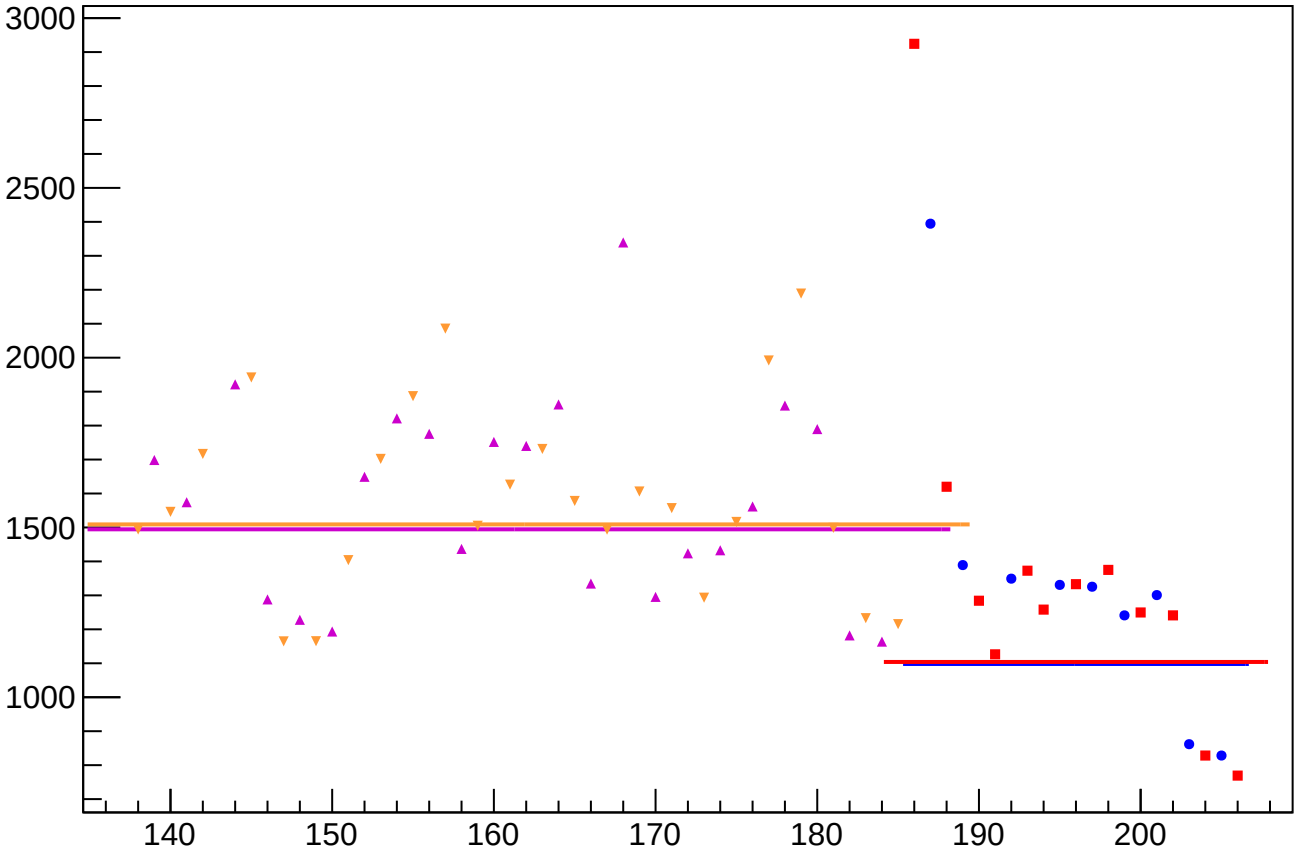
Right: -840.585+/-304.083 χ^2/NDF: 21.4/20

In: -370.210+/-286.687 χ^2/NDF:22.2/31

Out: -774.281+/-269.971 χ^2/NDF:55.0/35

All: -584.368+/-196.542 χ^2/NDF: 78.2/67

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 1097.999+/-0.331 χ^2/NDF: 590183.7/8

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

Right Out: 1103.916+/-0.283 χ^2/NDF: 1216316.1/11

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

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

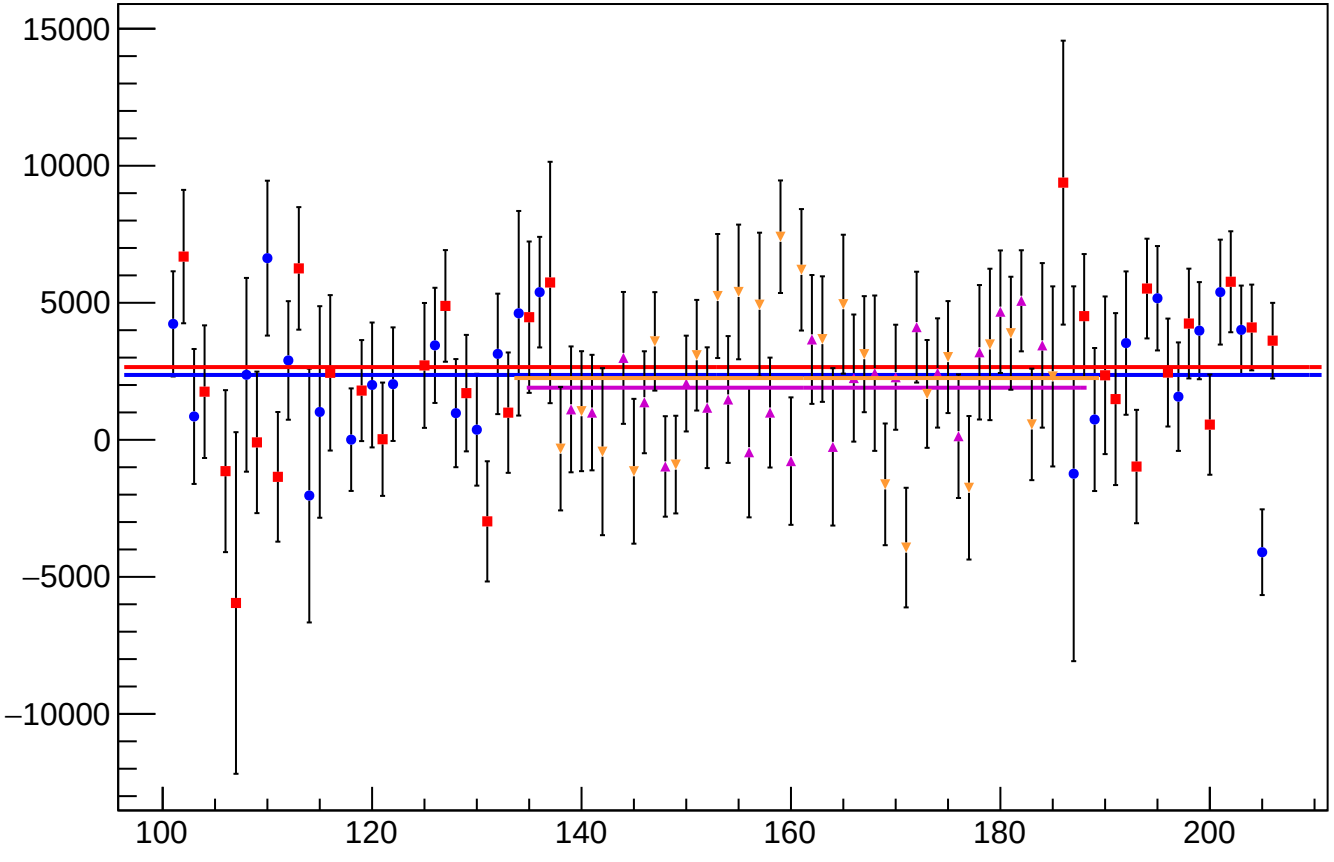
Right: 1101.423+/-0.215 χ^2/NDF: 1806684.5/20

In: 1346.032+/-0.203 χ^2/NDF:2582606.4/31

Out: 1324.211+/-0.191 χ^2/NDF:3322003.0/35

All: 1334.467+/-0.139 χ^2/NDF: 5910750.4/67

asym_usl_mean vs Slug, Sign Corrected



Right In: 2367.312+/-440.345 χ^2/NDF: 35.4/24

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

Right Out: 2654.218+/-410.300 χ^2/NDF: 38.6/28

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

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

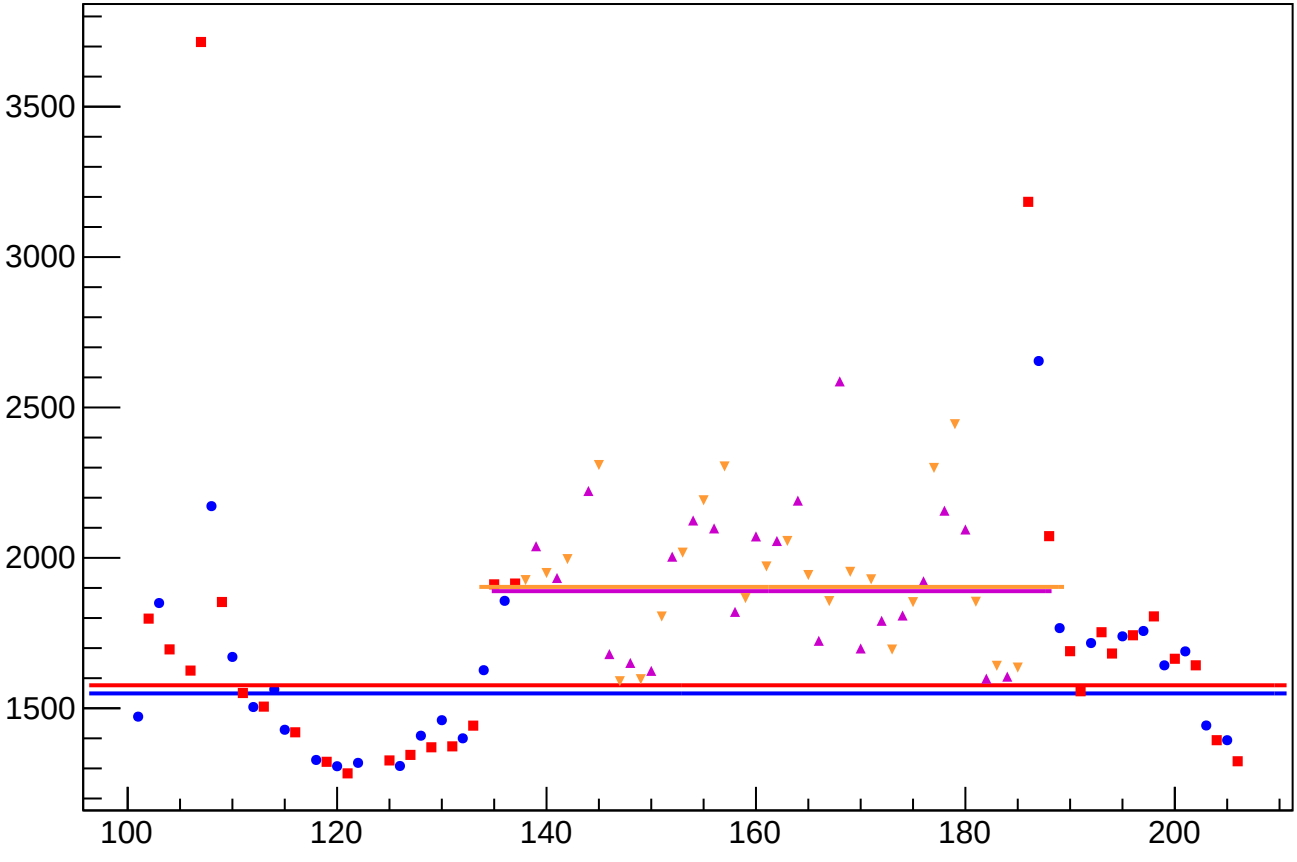
Right: 2520.886+/-300.186 χ^2/NDF: 74.2/53

In: 2141.598+/-316.047 χ^2/NDF:49.8/47

Out: 2475.322+/-305.123 χ^2/NDF:77.7/52

All: 2314.327+/-219.515 χ^2/NDF: 128.1/100

asym_usl_rms vs Slug, Sign Corrected



Right In: 1549.332+/-0.311 χ^2/NDF: 434817.1/24

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

Right Out: 1576.412+/-0.290 χ^2/NDF: 956498.6/28

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

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

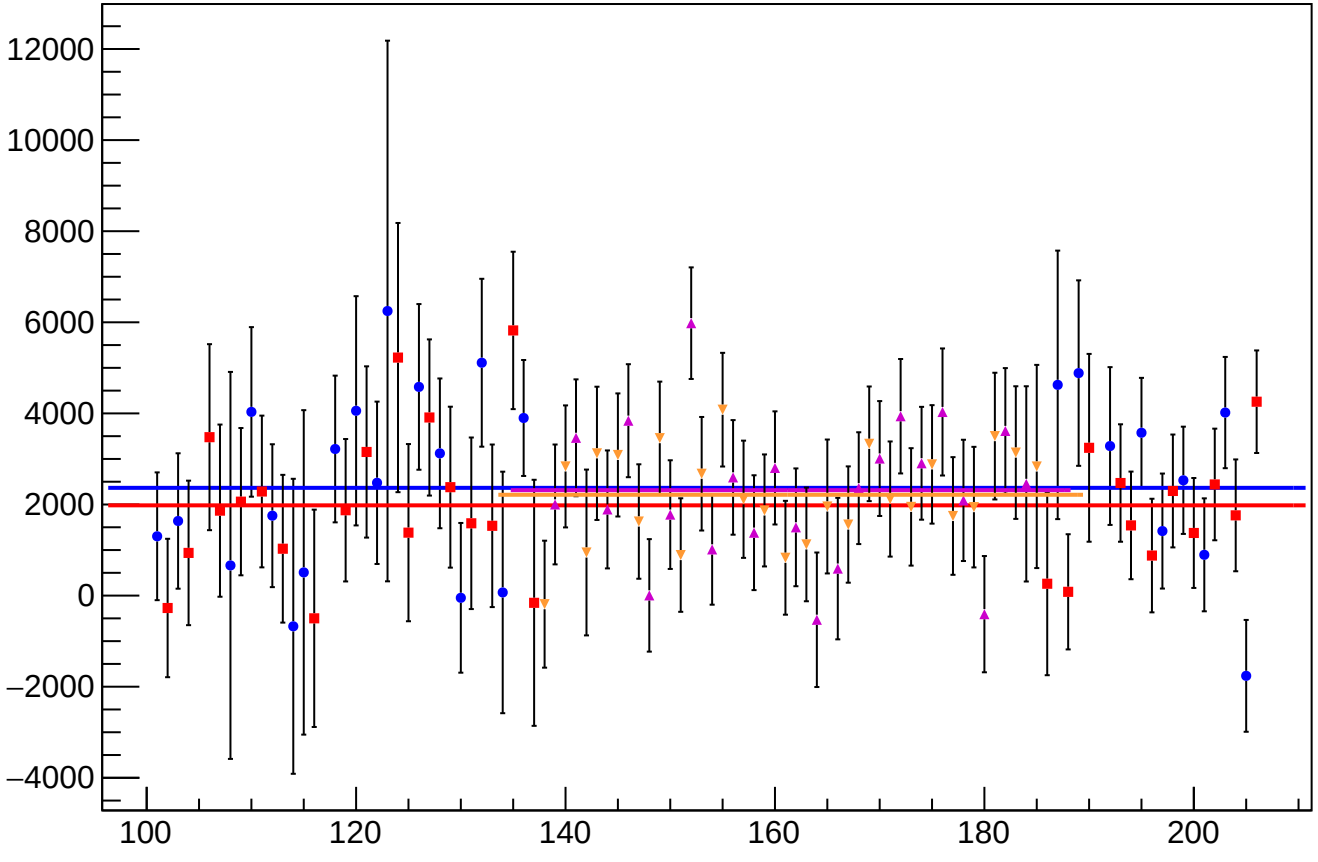
Right: 1563.827+/-0.212 χ^2/NDF: 1395364.6/53

In: 1714.185+/-0.223 χ^2/NDF:1521578.5/47

Out: 1722.591+/-0.216 χ^2/NDF:1986360.5/52

All: 1718.536+/-0.155 χ^2/NDF: 3508671.4/10

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2365.769+/-323.083 χ^2/NDF: 31.1/25

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

Right Out: 1981.434+/-288.966 χ^2/NDF: 22.3/28

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

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

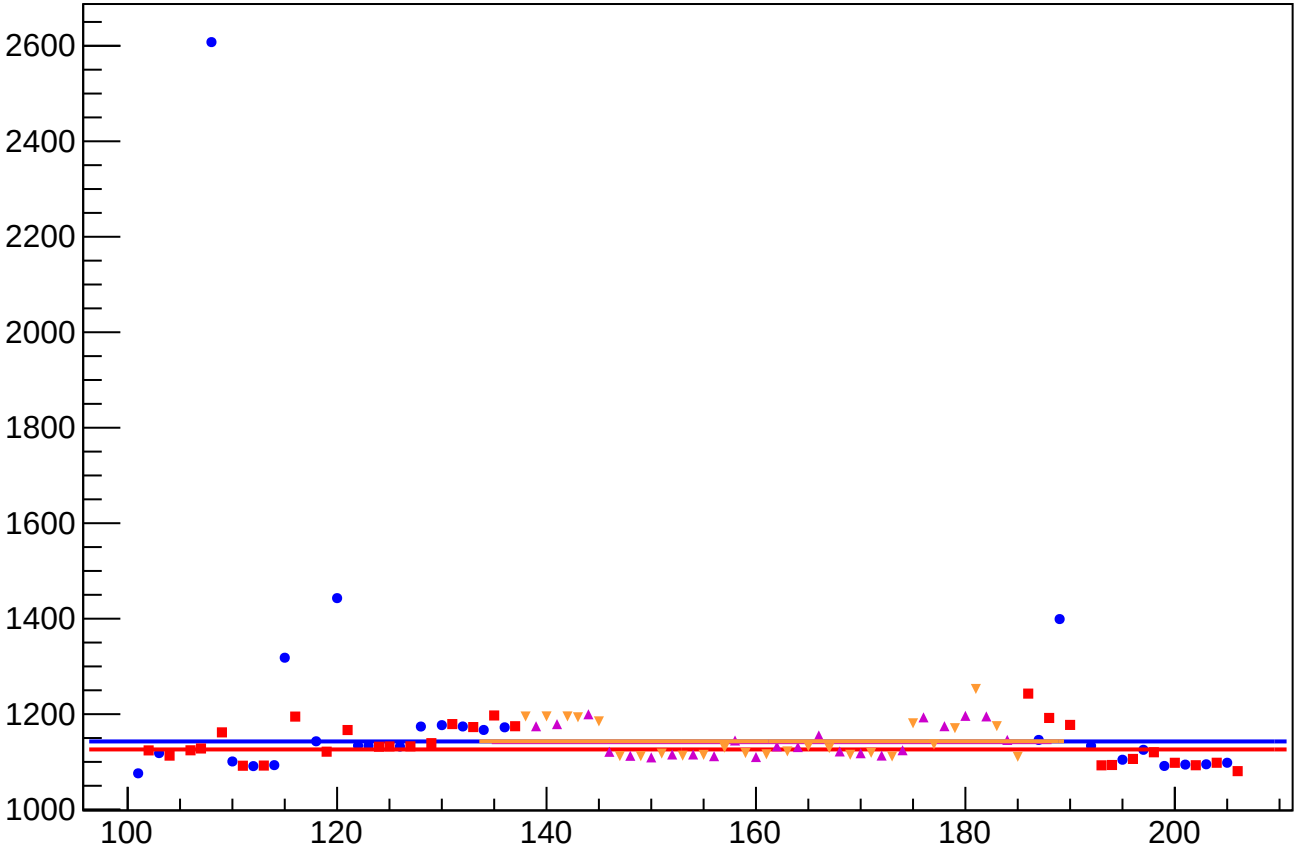
Right: 2152.244+/-215.385 χ^2/NDF: 54.2/54

In: 2335.916+/-208.021 χ^2/NDF:62.6/48

Out: 2106.552+/-196.073 χ^2/NDF:36.9/53

All: 2214.458+/-142.681 χ^2/NDF: 100.1/102

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1142.858+/-0.228 χ^2/NDF: 330146.1/25

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

Right Out: 1126.101+/-0.204 χ^2/NDF: 36317.7/28

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

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

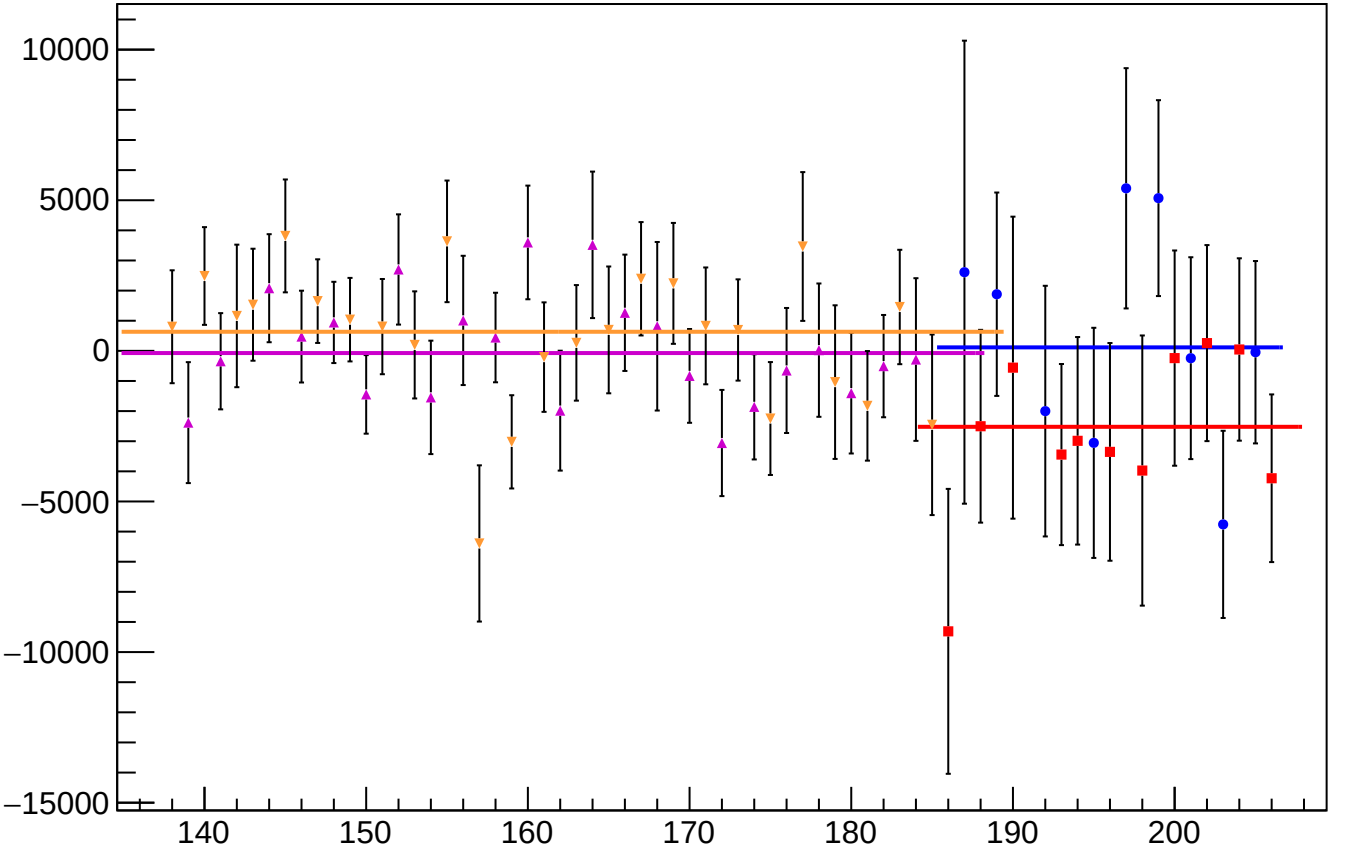
Right: 1133.548+/-0.152 χ^2/NDF: 369453.0/54

In: 1141.983+/-0.147 χ^2/NDF:358186.1/48

Out: 1135.354+/-0.139 χ^2/NDF:79611.7/53

All: 1138.473+/-0.101 χ^2/NDF: 438873.2/102

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 115.478+/-1203.662 χ^2/NDF: 9.0/8

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

Right Out: -2521.483+/-1045.759 χ^2/NDF: 4.7/10

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

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

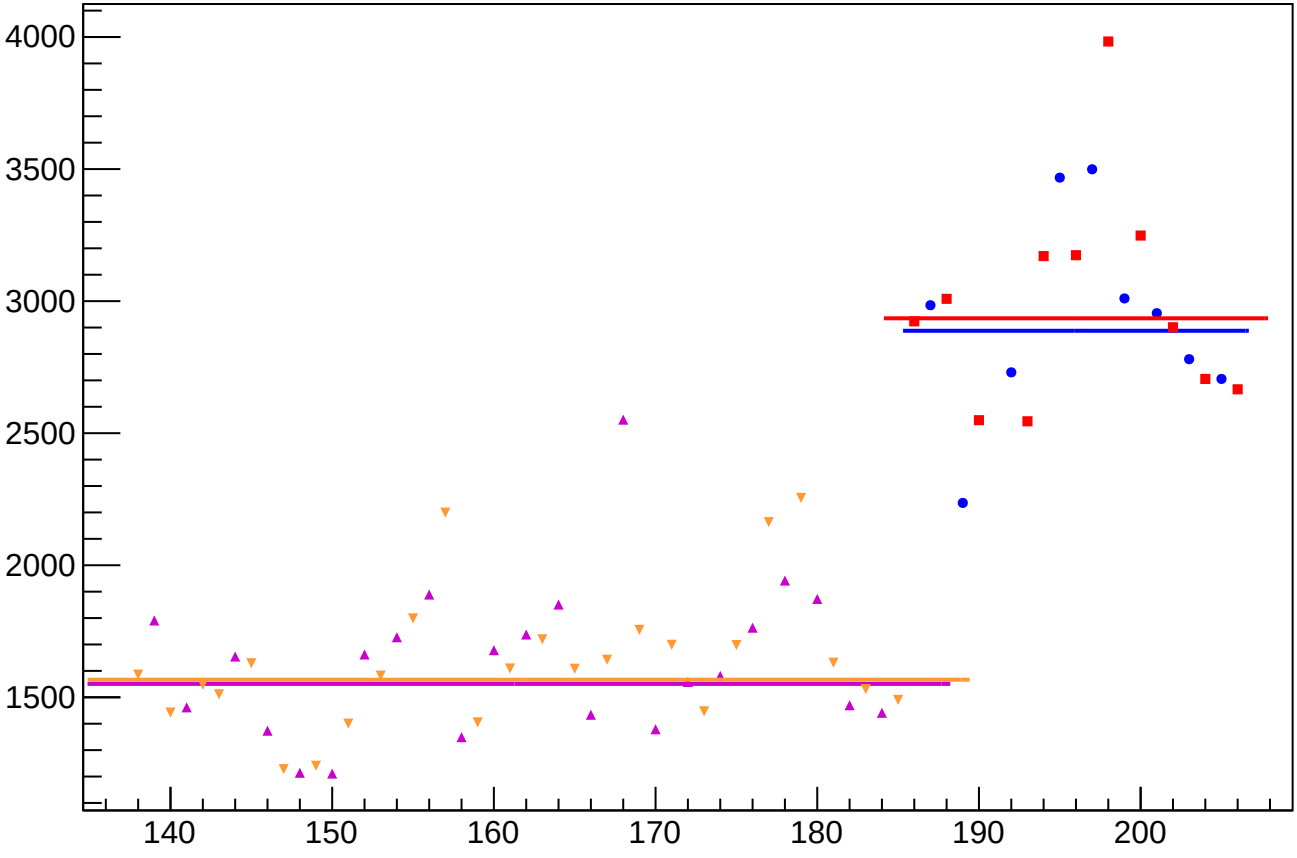
Right: -1387.202+/-789.429 χ^2/NDF: 16.4/19

In: -56.267+/-358.268 χ^2/NDF:29.1/31

Out: 279.448+/-350.430 χ^2/NDF:42.1/35

All: 115.303+/-250.517 χ^2/NDF: 71.6/67

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 2887.806+/-0.851 χ^2/NDF: 184113.2/8

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

Right Out: 2935.018+/-0.739 χ^2/NDF: 219663.3/10

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

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

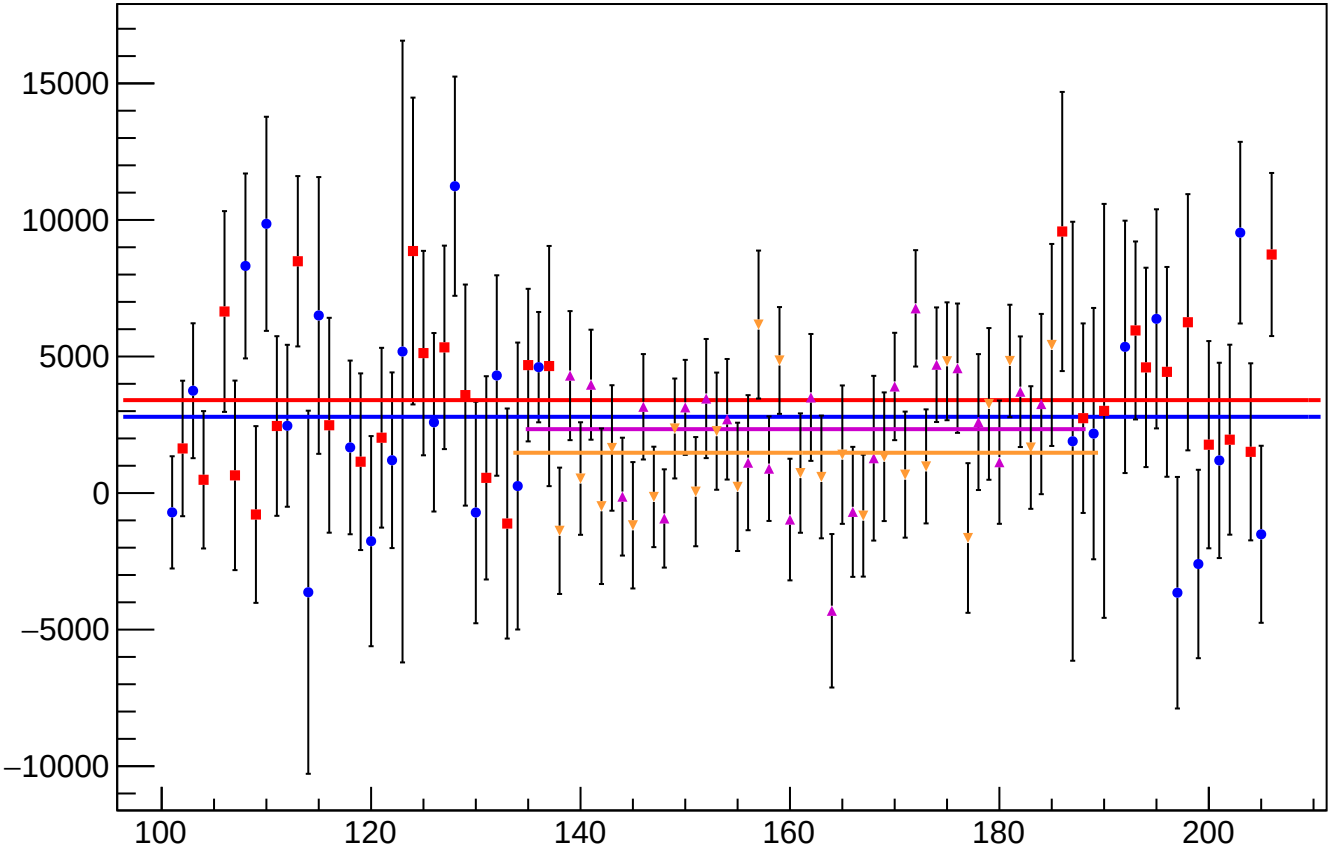
Right: 2914.710+/-0.558 χ^2/NDF: 405529.9/19

In: 1669.206+/-0.253 χ^2/NDF:3361986.7/31

Out: 1720.282+/-0.248 χ^2/NDF:4026517.4/35

All: 1695.309+/-0.177 χ^2/NDF: 7409278.5/67

asym_usr_mean vs Slug, Sign Corrected



Right In: 2791.980+/-682.543 χ^2/NDF: 30.6/25

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

Right Out: 3402.888+/-652.845 χ^2/NDF: 18.4/28

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

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

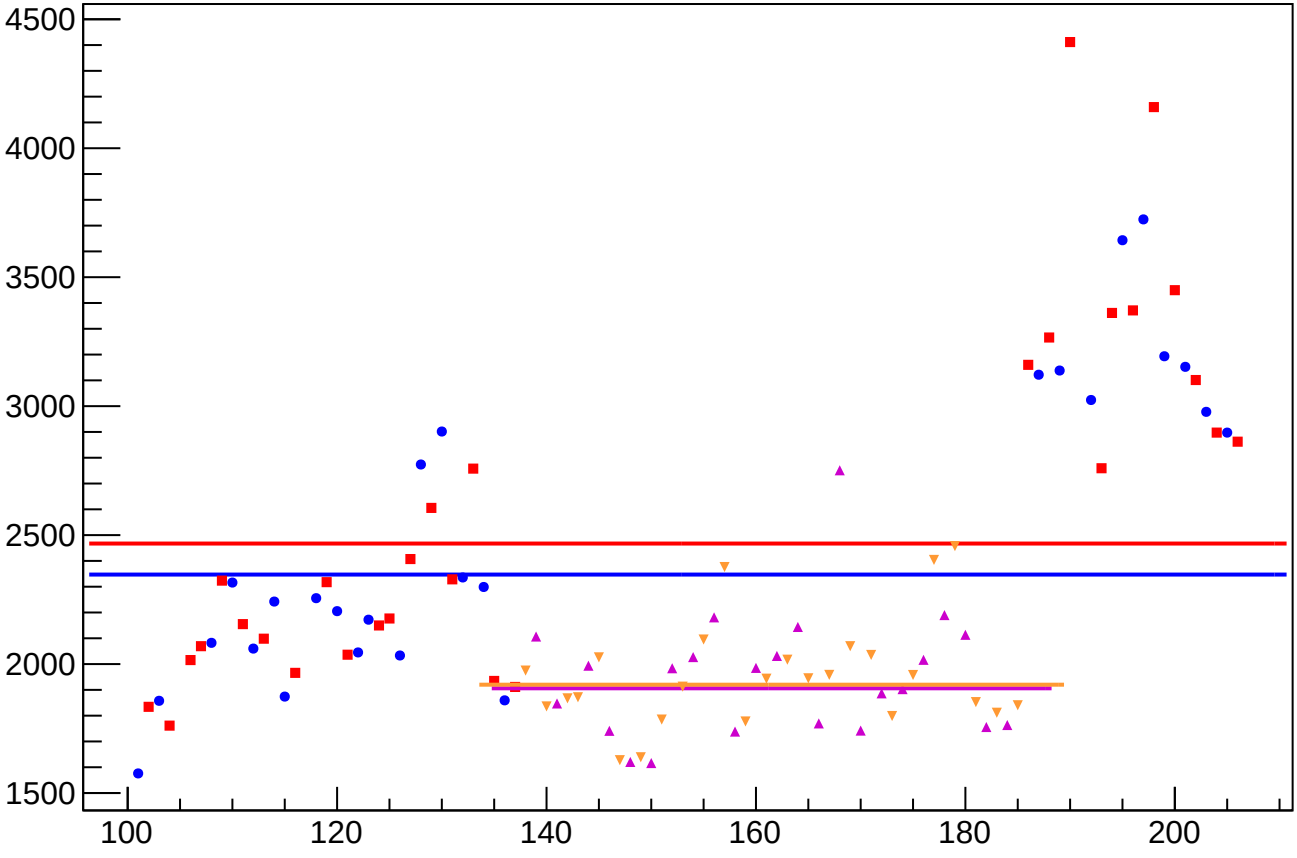
Right: 3111.013+/-471.781 χ^2/NDF: 49.4/54

In: 2480.029+/-379.997 χ^2/NDF:56.1/48

Out: 2098.911+/-371.260 χ^2/NDF:45.2/53

All: 2285.038+/-265.556 χ^2/NDF: 101.8/102

asym_usr_rms vs Slug, Sign Corrected



Right In: 2347.050+/-0.483 χ^2/NDF: 1518857.6/25

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

Right Out: 2467.312+/-0.462 χ^2/NDF: 1655943.7/28

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

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

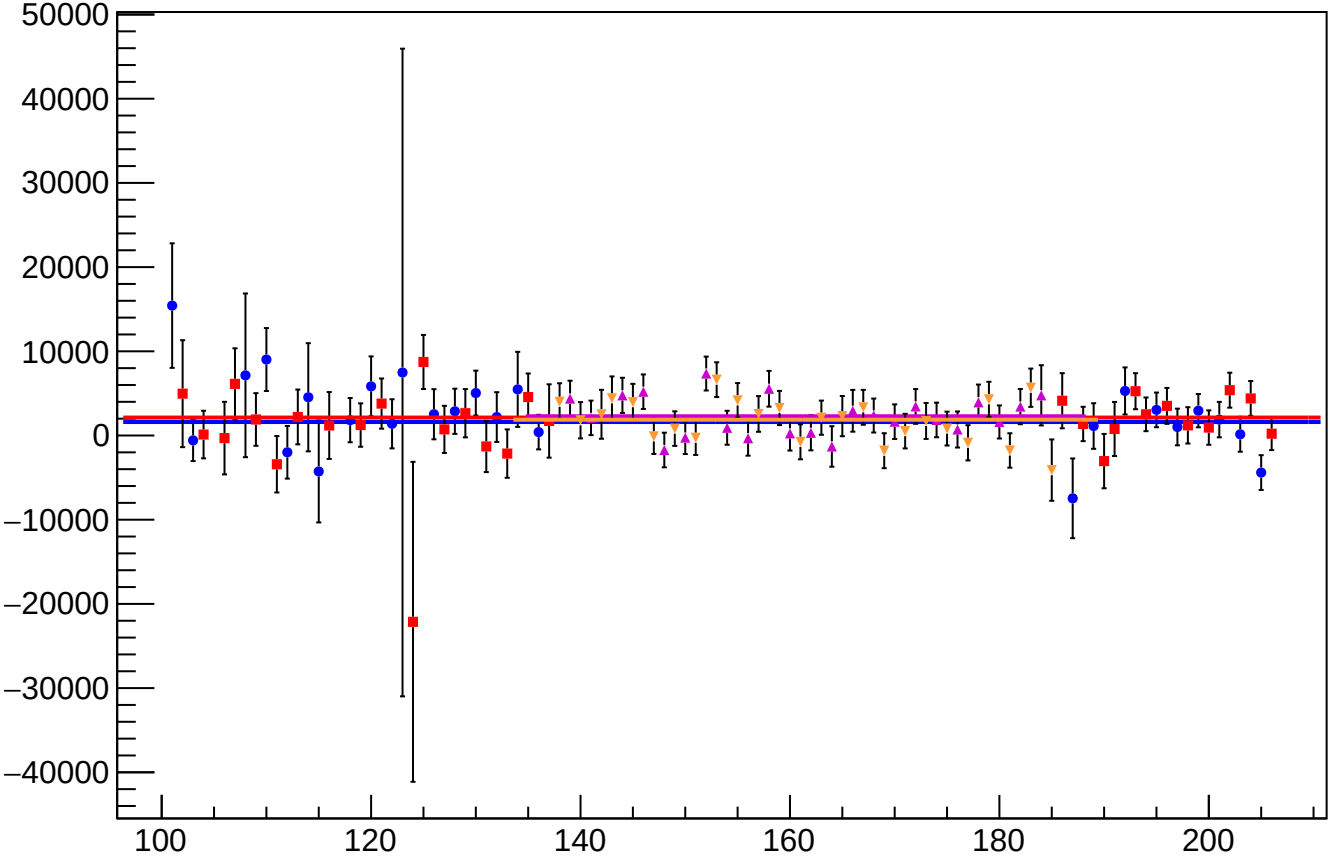
Right: 2409.854+/-0.334 χ^2/NDF: 3207227.3/54

In: 2042.736+/-0.269 χ^2/NDF:2546065.0/48

Out: 2097.055+/-0.263 χ^2/NDF:2972651.7/53

All: 2070.527+/-0.188 χ^2/NDF: 5539625.4/10

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1601.836+/-553.797 χ^2/NDF: 31.0/25

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

Right Out: 2132.891+/-498.169 χ^2/NDF: 26.6/29

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

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

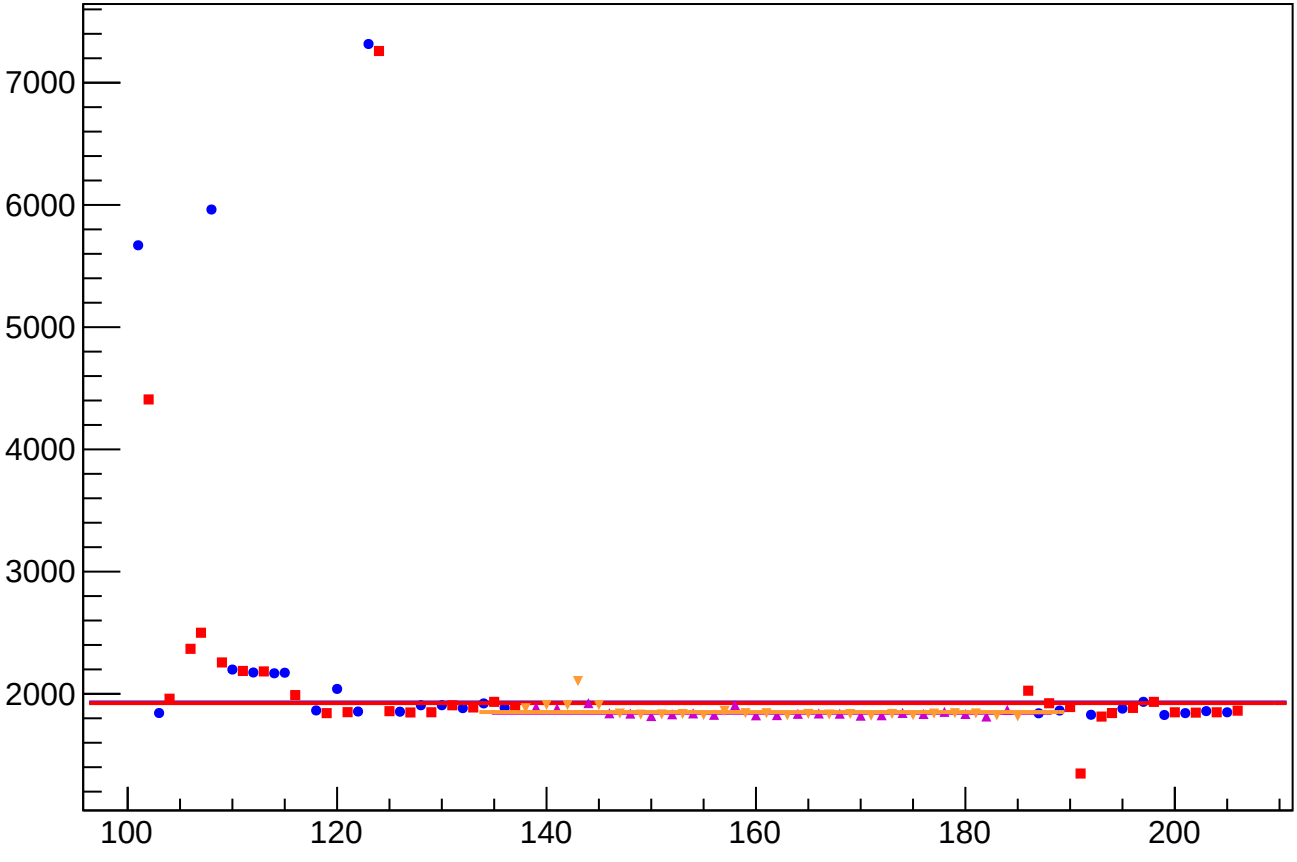
Right: 1895.368+/-370.369 χ^2/NDF: 58.1/55

In: 2020.669+/-344.984 χ^2/NDF:59.3/48

Out: 1986.222+/-326.911 χ^2/NDF:56.7/54

All: 2002.519+/-237.293 χ^2/NDF: 116.0/103

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1929.261+/-0.392 χ^2/NDF: 953350.7/25

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

Right Out: 1924.341+/-0.352 χ^2/NDF: 664099.1/29

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

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

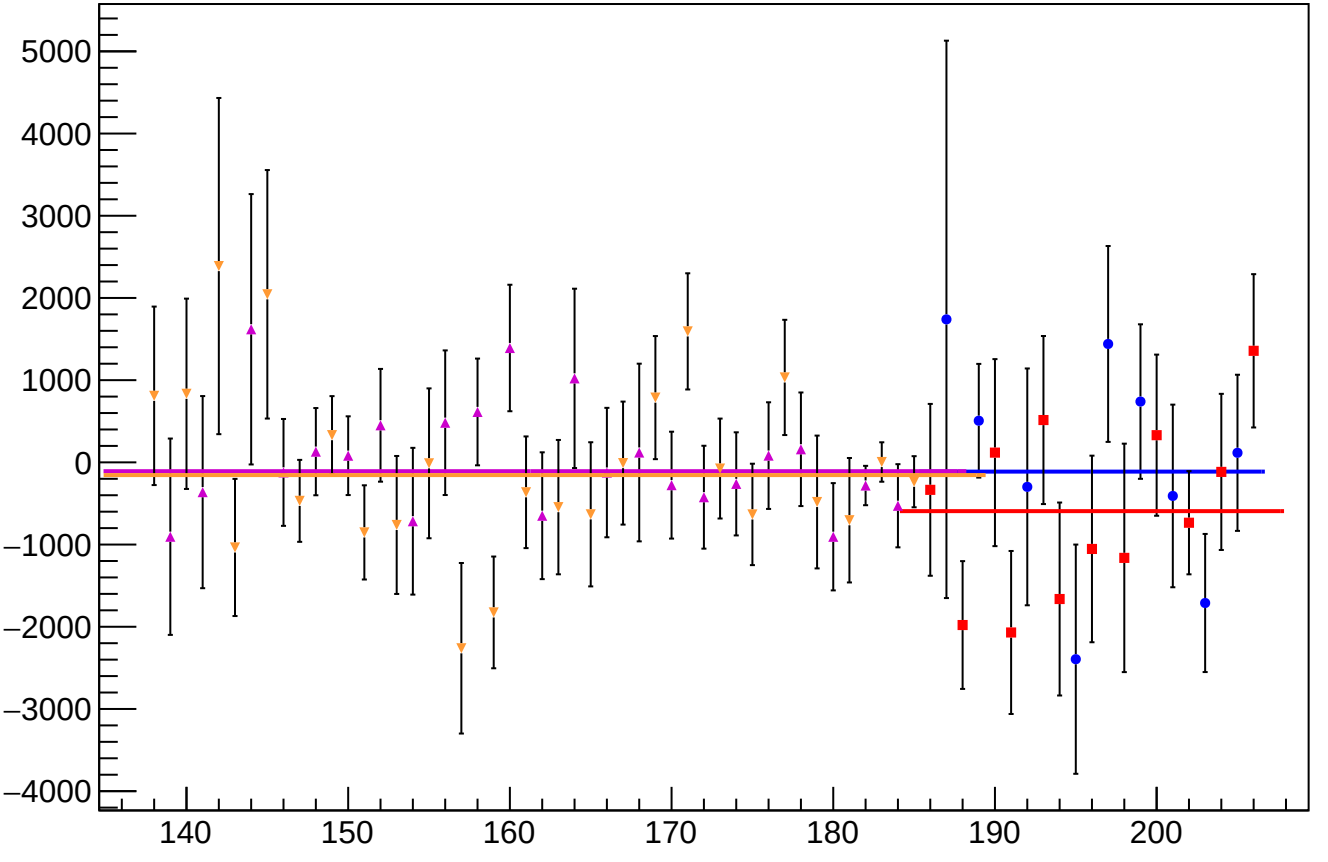
Right: 1926.542+/-0.262 χ^2/NDF: 1617537.1/55

In: 1877.950+/-0.244 χ^2/NDF:989726.9/48

Out: 1882.621+/-0.231 χ^2/NDF:714987.6/54

All: 1880.411+/-0.168 χ^2/NDF: 1704907.8/10

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -112.558+/-346.118 χ^2/NDF: 10.1/8

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

Right Out: -593.387+/-275.495 χ^2/NDF: 13.7/11

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

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

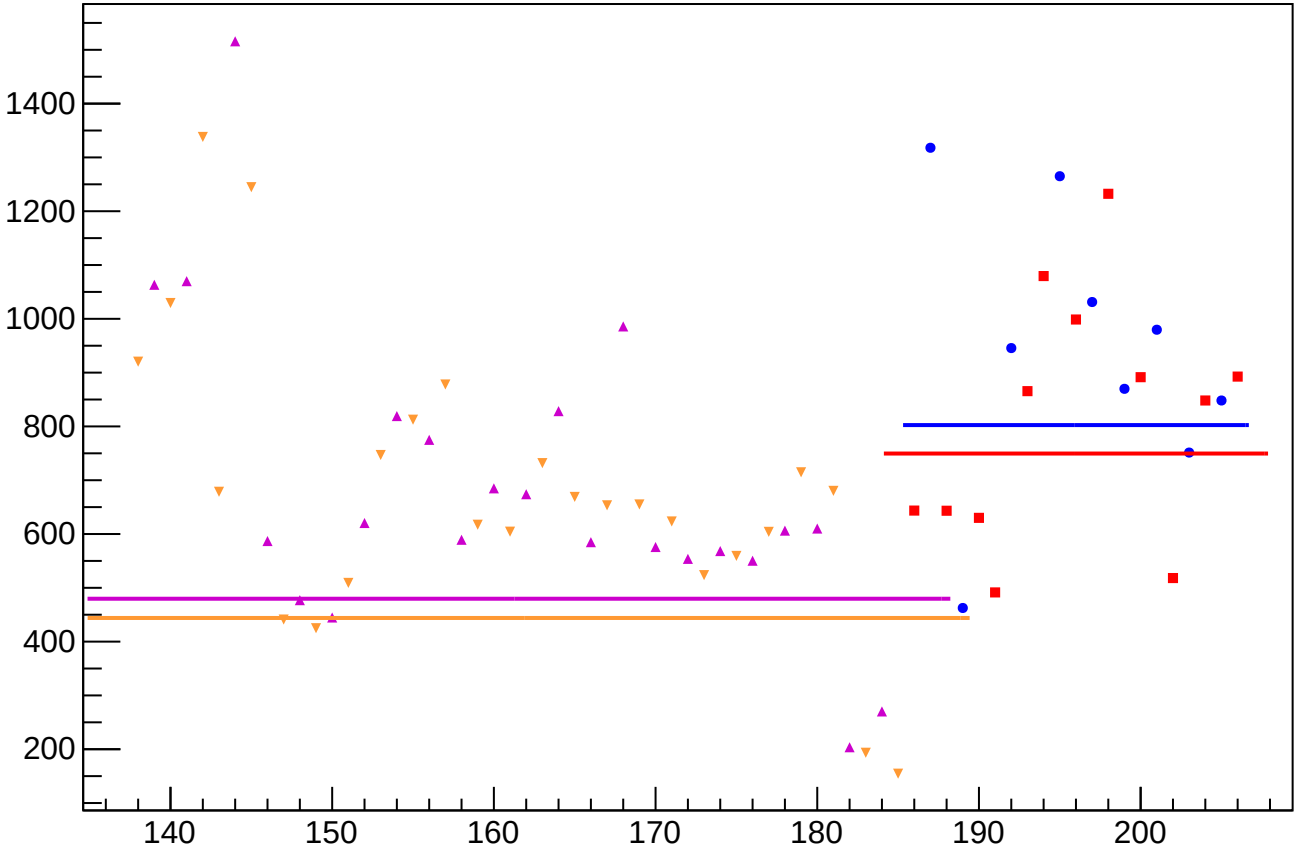
Right: -406.905+/-215.550 χ^2/NDF: 25.0/20

In: -108.006+/-119.707 χ^2/NDF:23.6/31

Out: -224.442+/-109.749 χ^2/NDF:48.9/36

All: -171.267+/-80.896 χ^2/NDF: 72.9/68

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 802.486+/-0.245 χ^2/NDF: 916547.7/8

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

Right Out: 749.591+/-0.195 χ^2/NDF: 1119661.3/11

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

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

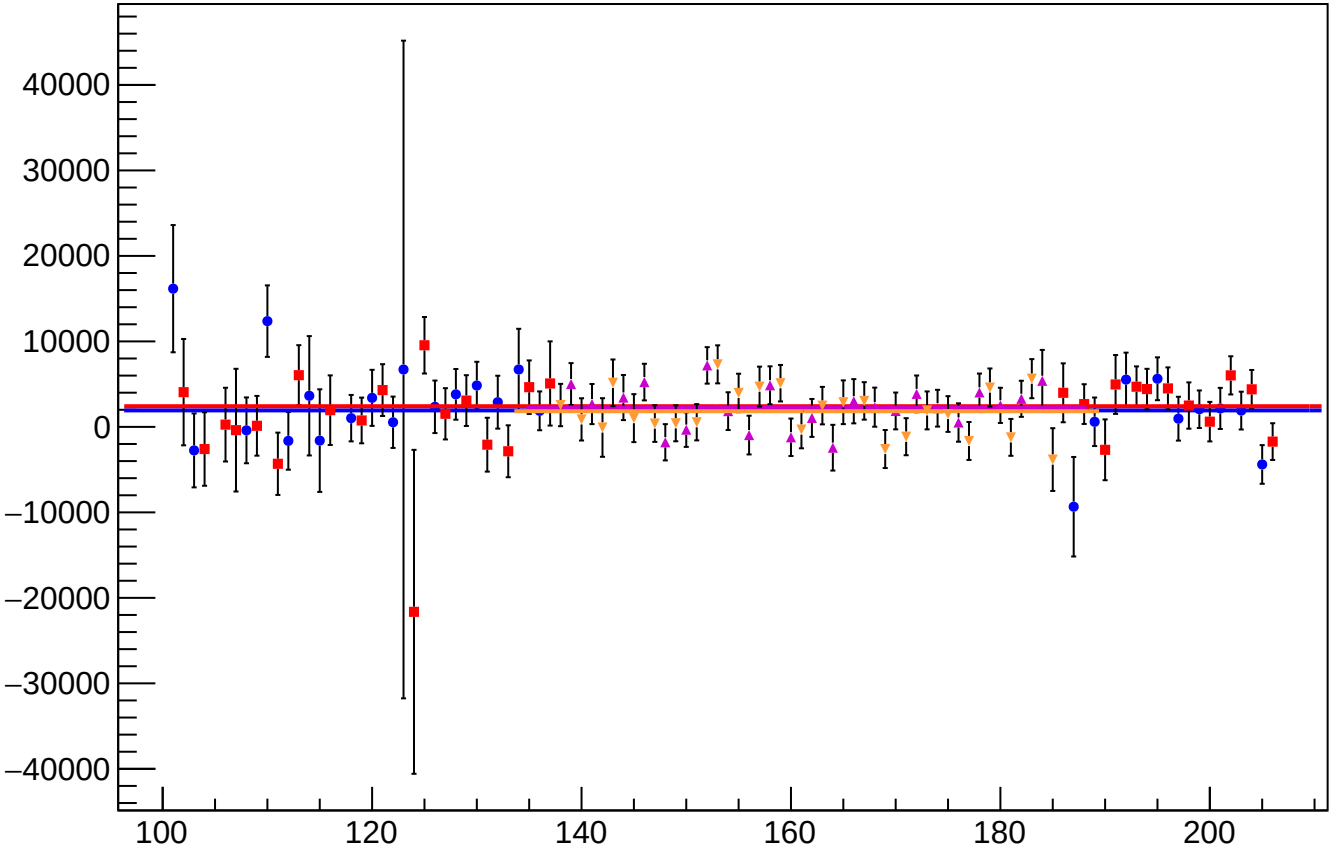
Right: 770.105+/-0.152 χ^2/NDF: 2064803.3/20

In: 518.330+/-0.085 χ^2/NDF:9182309.6/31

Out: 492.465+/-0.078 χ^2/NDF:11763622.2/36

All: 504.277+/-0.057 χ^2/NDF: 20996663.2/68

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1929.759+/-607.435 χ^2/NDF: 31.5/25

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

Right Out: 2417.995+/-553.735 χ^2/NDF: 32.7/29

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

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

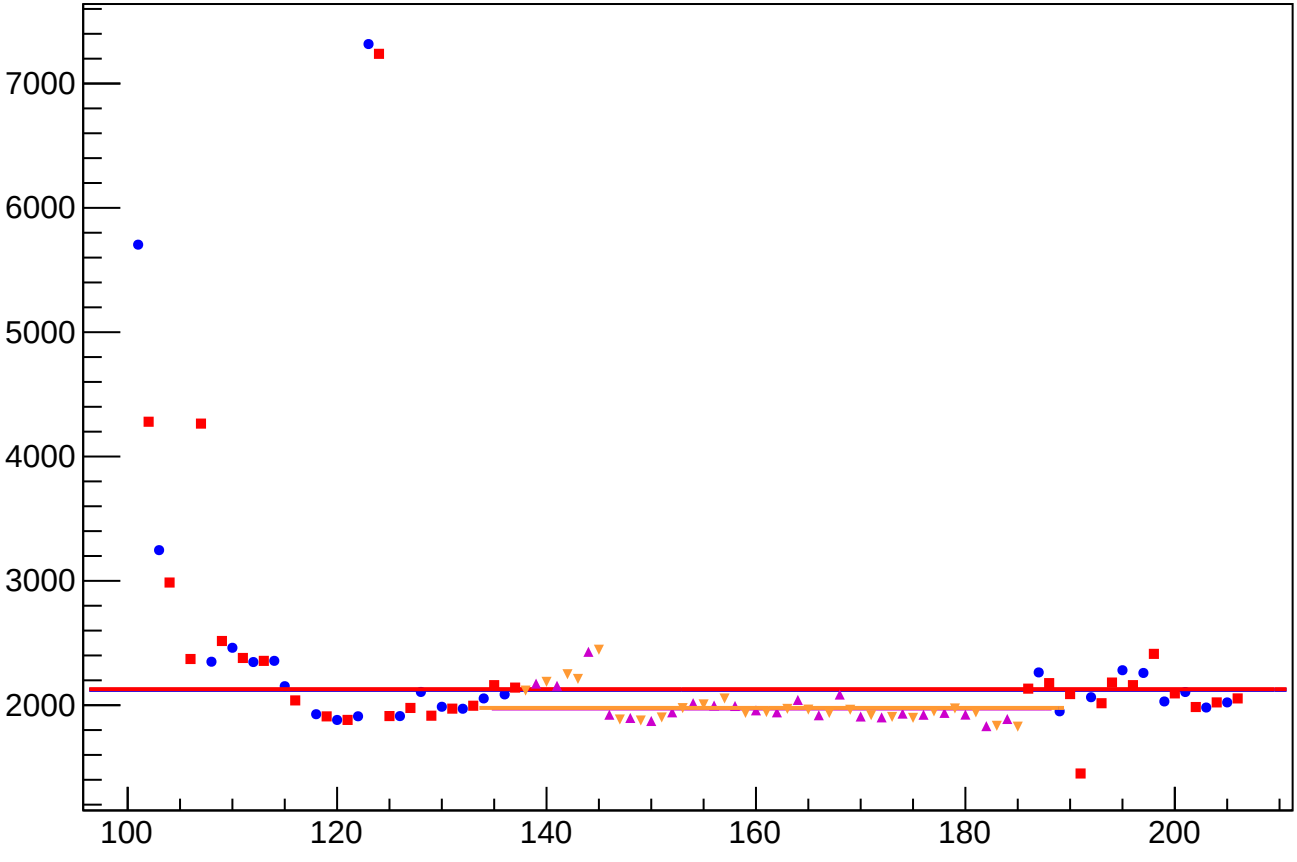
Right: 2196.408+/-409.220 χ^2/NDF: 64.6/55

In: 2135.677+/-372.867 χ^2/NDF:58.1/48

Out: 2075.190+/-355.546 χ^2/NDF:66.1/54

All: 2103.996+/-257.315 χ^2/NDF: 124.2/103

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2122.938+/-0.430 χ^2/NDF: 755968.4/25

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

Right Out: 2128.901+/-0.392 χ^2/NDF: 873269.1/29

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

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

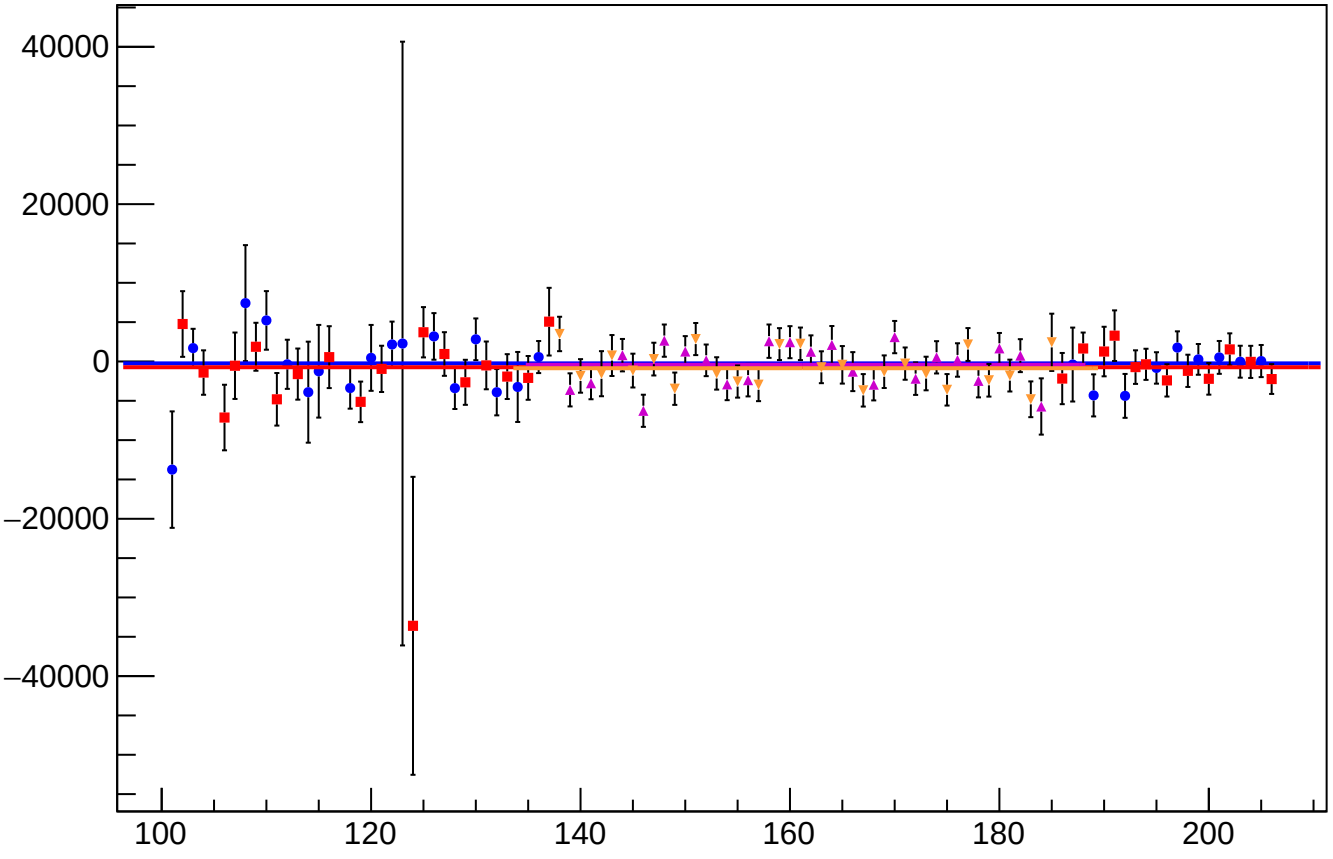
Right: 2126.195+/-0.289 χ^2/NDF: 1629342.7/55

In: 2029.631+/-0.264 χ^2/NDF:952170.9/48

Out: 2040.239+/-0.251 χ^2/NDF:1098210.1/54

All: 2035.187+/-0.182 χ^2/NDF: 2051228.8/10

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -243.395+/-548.052 χ^2/NDF: 21.7/25

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

Right Out: -733.725+/-489.240 χ^2/NDF: 24.3/29

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

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

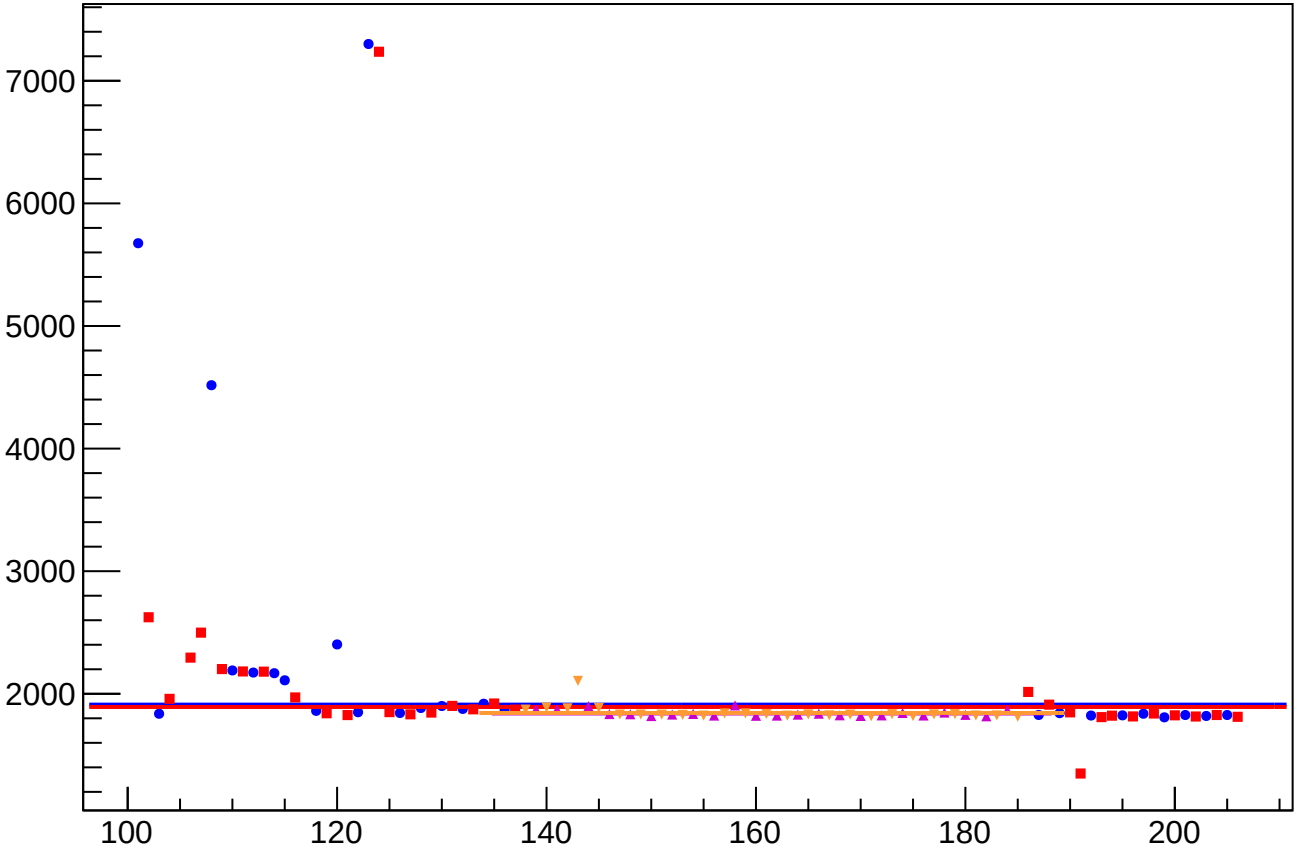
Right: -516.271+/-364.973 χ^2/NDF: 46.4/55

In: -355.541+/-342.898 χ^2/NDF:55.5/48

Out: -803.989+/-323.600 χ^2/NDF:51.2/54

All: -592.738+/-235.346 χ^2/NDF: 107.5/103

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1911.641+/-0.388 χ^2/NDF: 896979.9/25

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

Right Out: 1892.629+/-0.346 χ^2/NDF: 418717.2/29

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

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

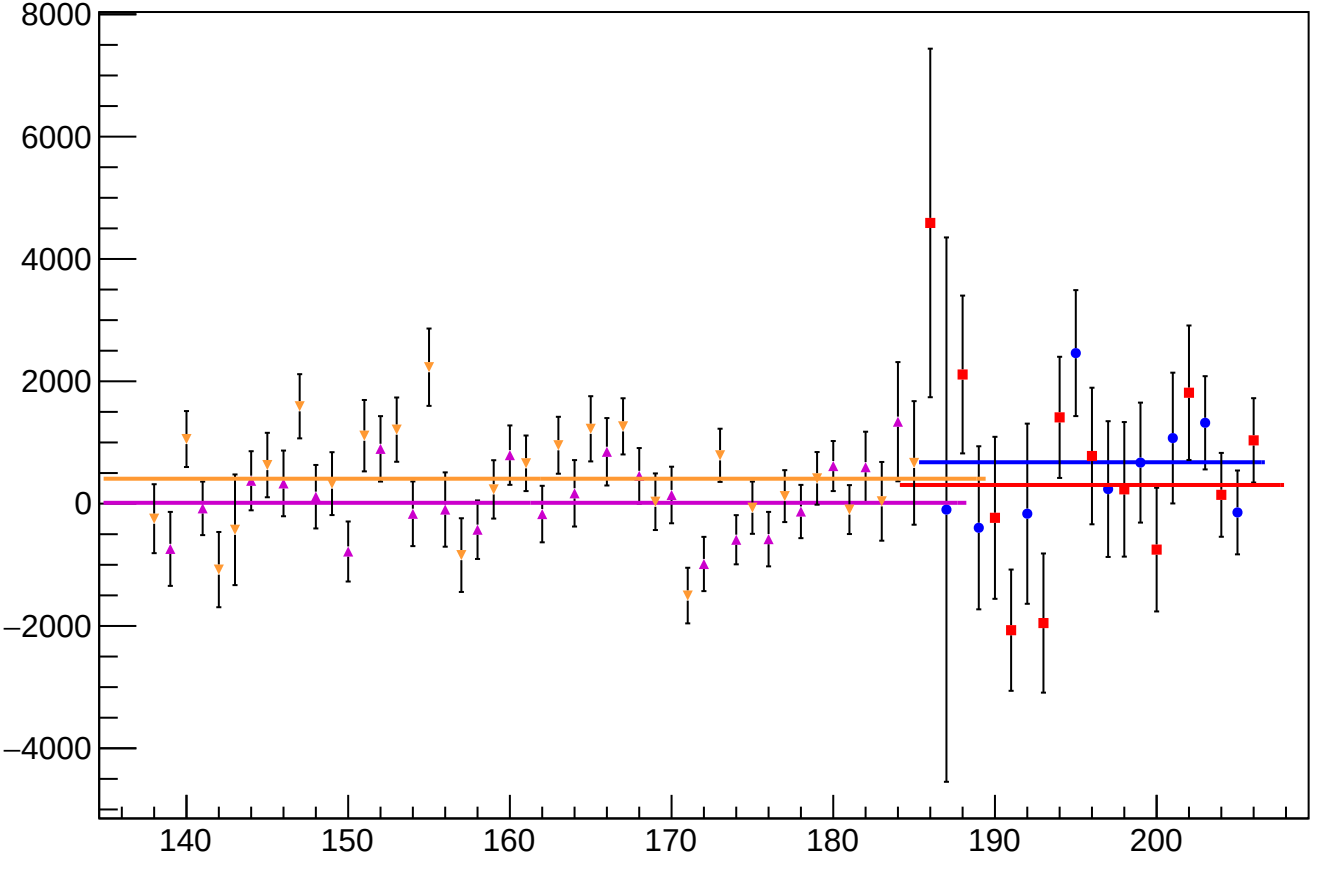
Right: 1901.061+/-0.258 χ^2/NDF: 1317036.6/55

In: 1867.698+/-0.242 χ^2/NDF:924527.1/48

Out: 1865.013+/-0.229 χ^2/NDF:455020.3/54

All: 1866.278+/-0.166 χ^2/NDF: 1379612.3/10

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 676.748+/-341.133 χ^2/NDF: 6.4/8

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

Right Out: 304.949+/-291.486 χ^2/NDF: 19.6/11

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

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

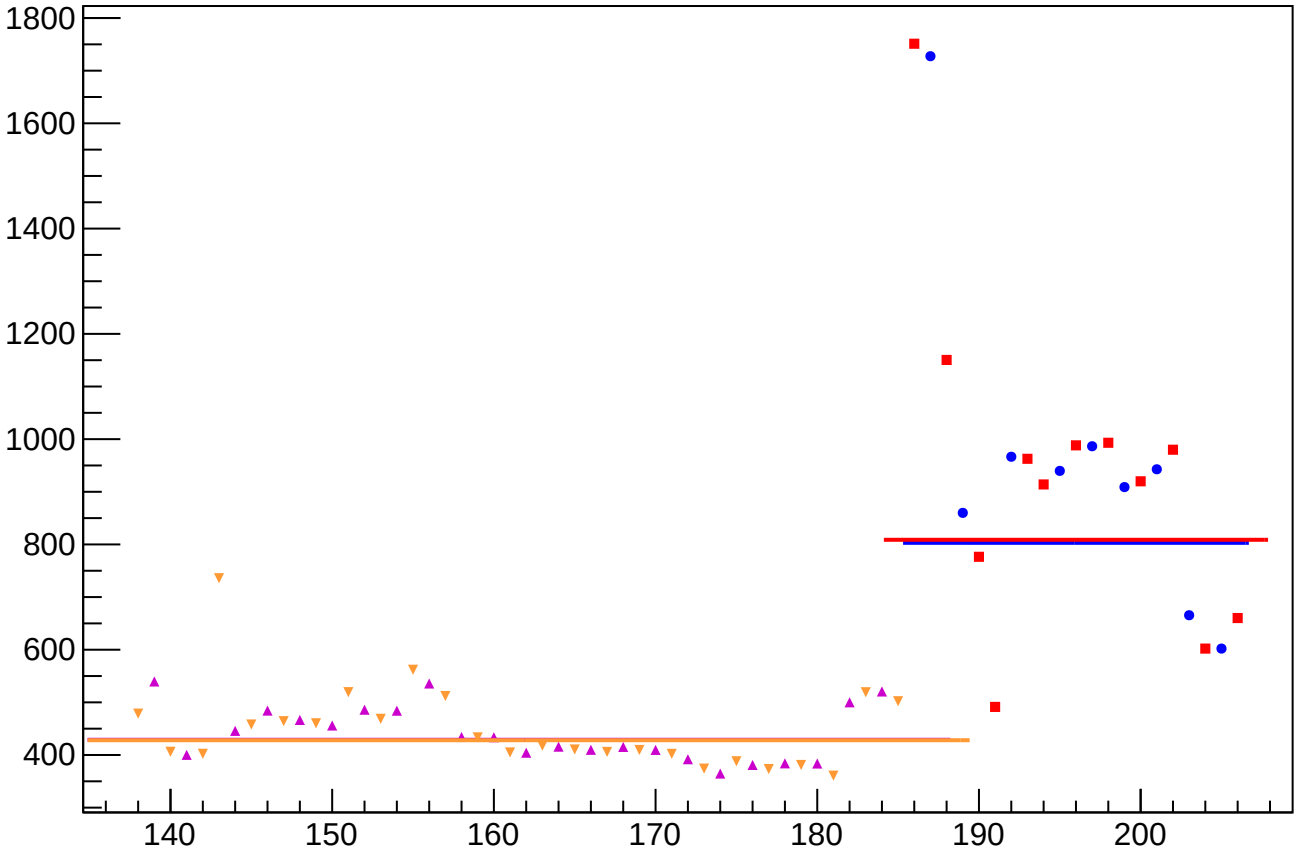
Right: 461.849+/-221.606 χ^2/NDF: 26.8/20

In: 68.730+/-98.527 χ^2/NDF:39.2/31

Out: 396.304+/-95.620 χ^2/NDF:81.9/36

All: 237.420+/-68.618 χ^2/NDF: 126.7/68

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 803.051+/-0.241 χ^2/NDF: 498908.4/8

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

Right Out: 808.819+/-0.206 χ^2/NDF: 1079702.3/11

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

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

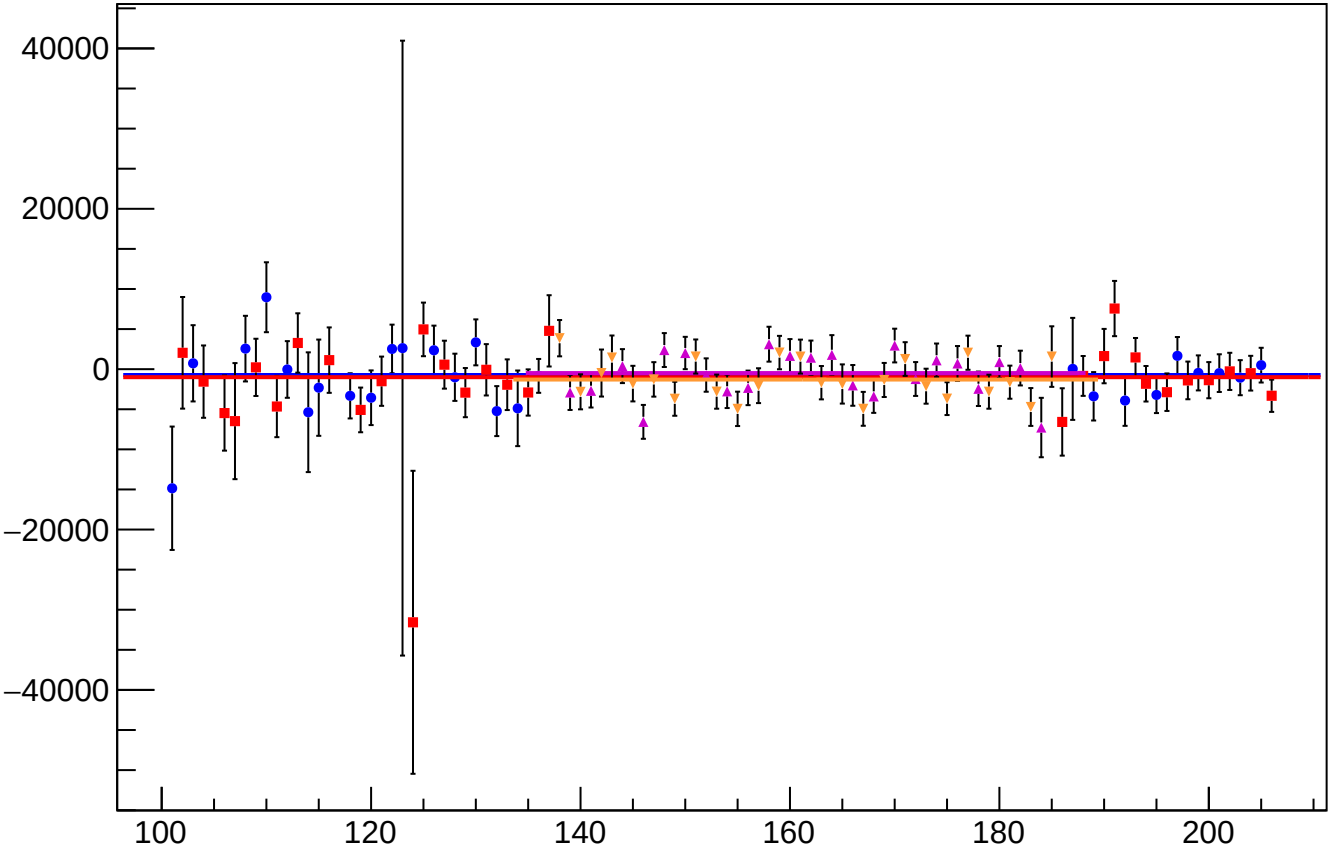
Right: 806.385+/-0.157 χ^2/NDF: 1578941.1/20

In: 460.135+/-0.070 χ^2/NDF:3122548.2/31

Out: 469.027+/-0.068 χ^2/NDF:4829980.2/36

All: 464.714+/-0.049 χ^2/NDF: 7960917.3/68

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -726.550+/-601.836 χ^2/NDF: 22.6/25

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

Right Out: -999.137+/-550.571 χ^2/NDF: 27.1/29

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

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

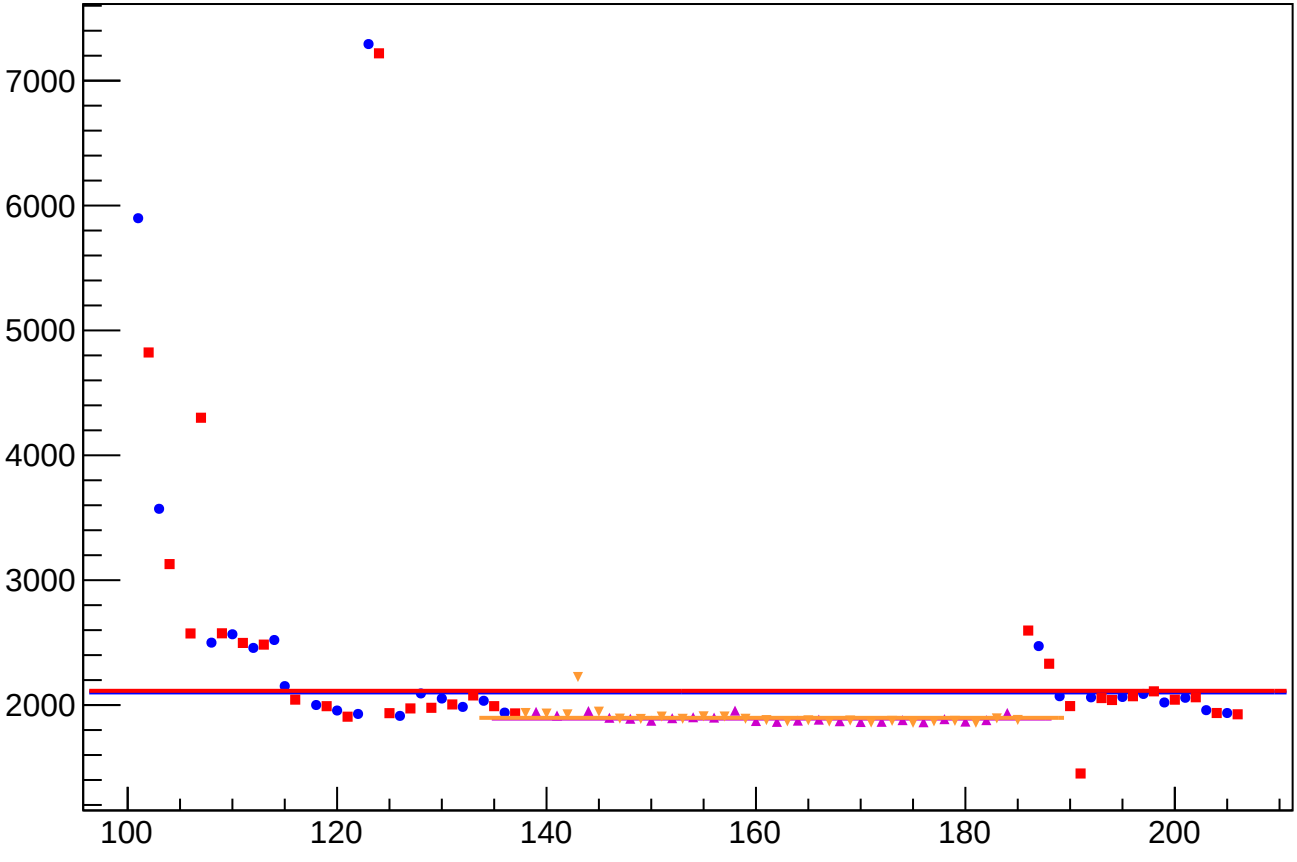
Right: -874.946+/-406.229 χ^2/NDF: 49.8/55

In: -572.645+/-361.431 χ^2/NDF:55.1/48

Out: -1177.849+/-345.690 χ^2/NDF:57.0/54

All: -888.713+/-249.819 χ^2/NDF: 113.5/103

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2101.106+/-0.426 χ^2/NDF: 850628.6/25

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

Right Out: 2114.139+/-0.389 χ^2/NDF: 1018861.8/29

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

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

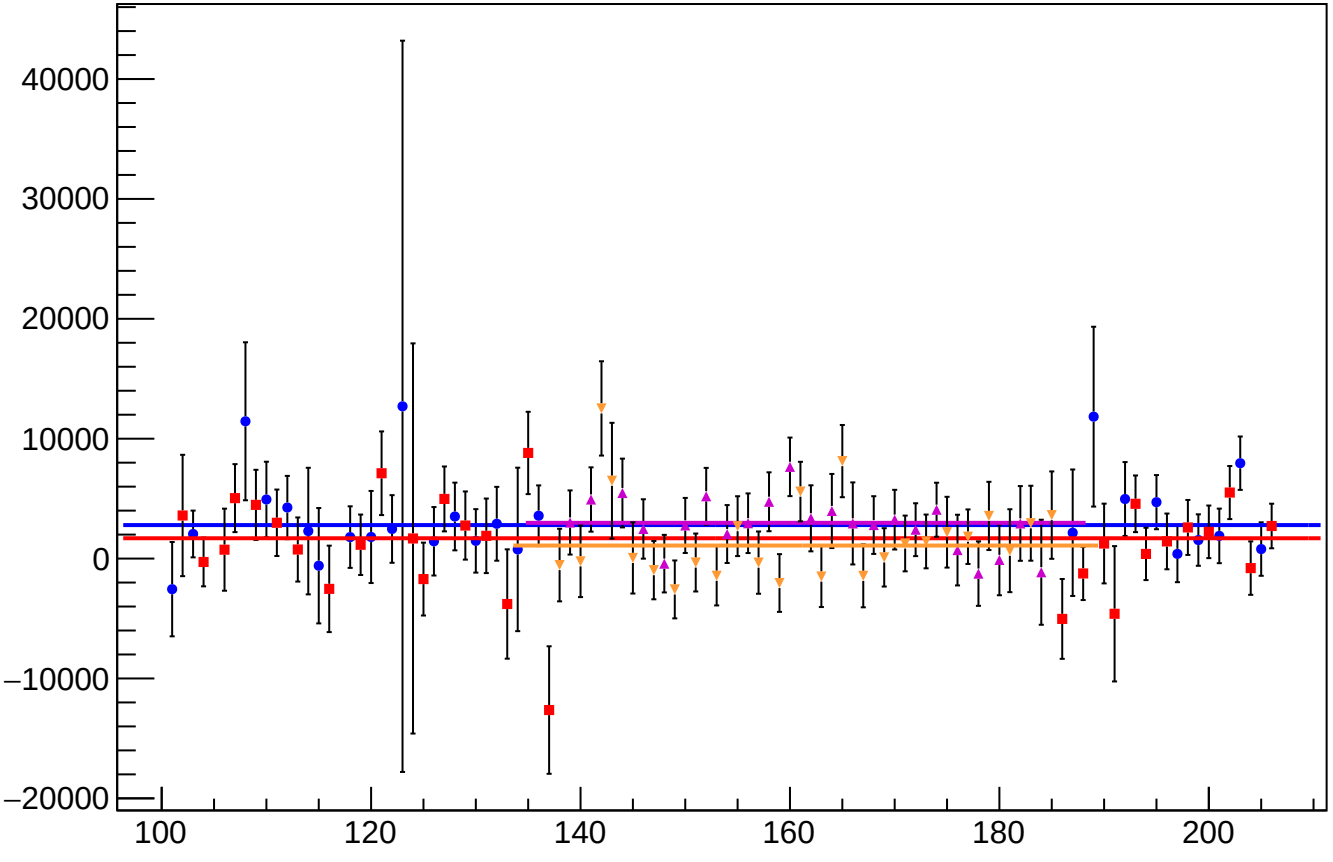
Right: 2108.201+/-0.287 χ^2/NDF: 1870001.0/55

In: 1967.238+/-0.256 χ^2/NDF:1012985.6/48

Out: 1983.008+/-0.244 χ^2/NDF:1241237.5/54

All: 1975.474+/-0.177 χ^2/NDF: 2256211.6/10

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2794.012+/-573.374 χ^2/NDF: 16.4/25

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

Right Out: 1694.735+/-505.091 χ^2/NDF: 37.2/29

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

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

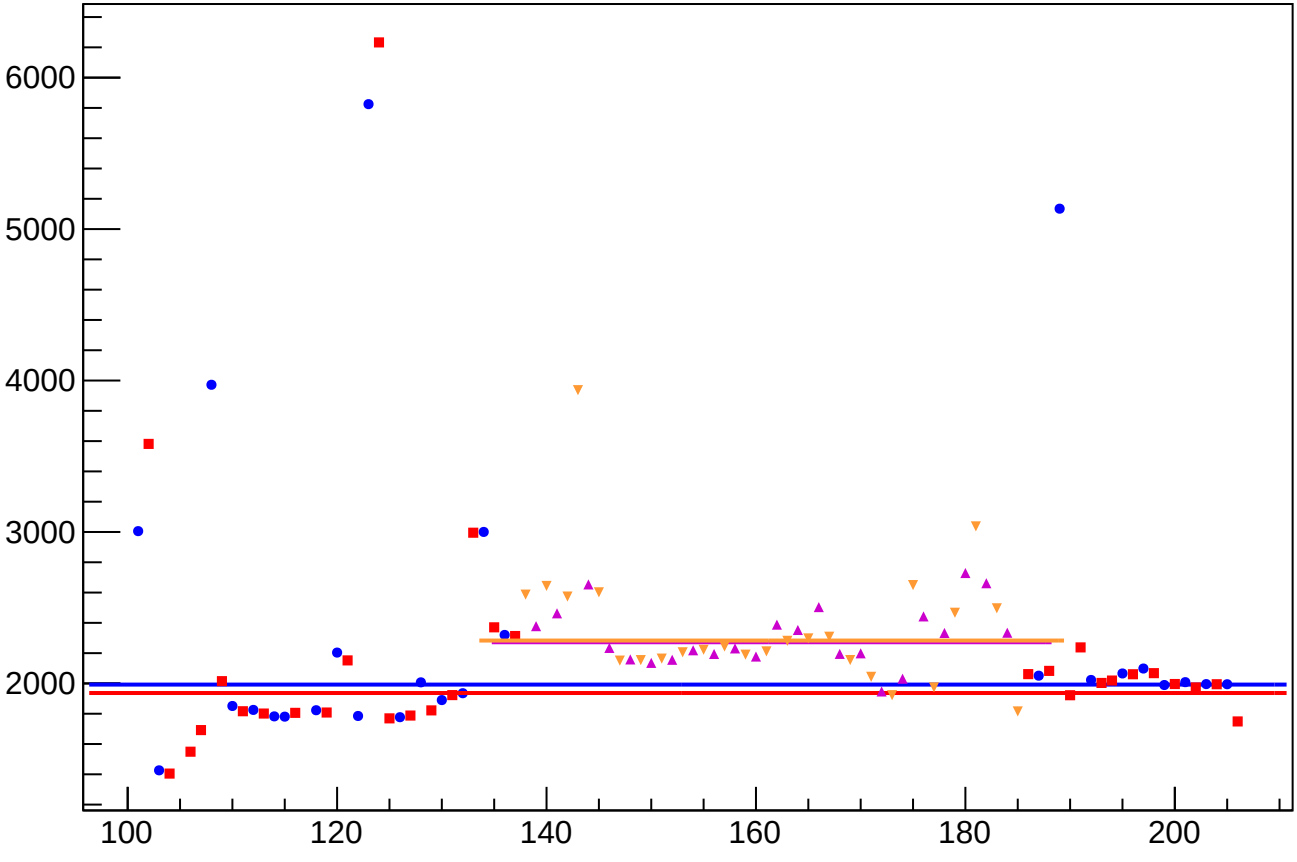
Right: 2175.050+/-379.008 χ^2/NDF: 55.7/55

In: 2892.141+/-395.444 χ^2/NDF:30.5/48

Out: 1412.116+/-369.190 χ^2/NDF:67.7/54

All: 2101.371+/-269.862 χ^2/NDF: 105.8/103

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1992.386+/-0.405 χ^2/NDF: 1008038.7/25

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

Right Out: 1936.777+/-0.357 χ^2/NDF: 776852.5/29

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

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

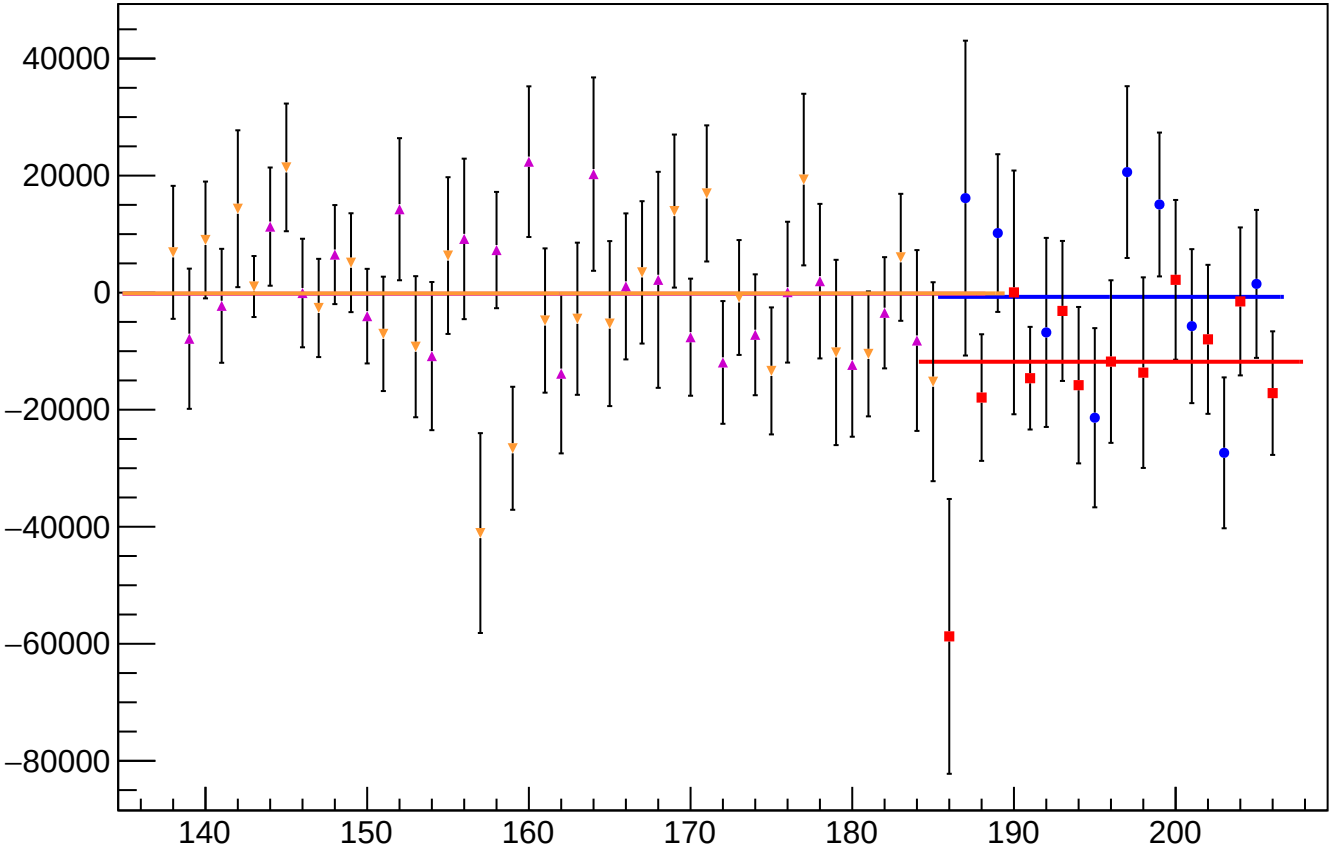
Right: 1961.072+/-0.268 χ^2/NDF: 1795484.6/55

In: 2138.971+/-0.280 χ^2/NDF:1500883.0/48

Out: 2098.103+/-0.261 χ^2/NDF:1849495.5/54

All: 2117.134+/-0.191 χ^2/NDF: 3361792.2/10

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -718.365+/-4751.080 χ^2/NDF: 11.2/8

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

Right Out: -11806.238+/-3676.704 χ^2/NDF: 7.4/11

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

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

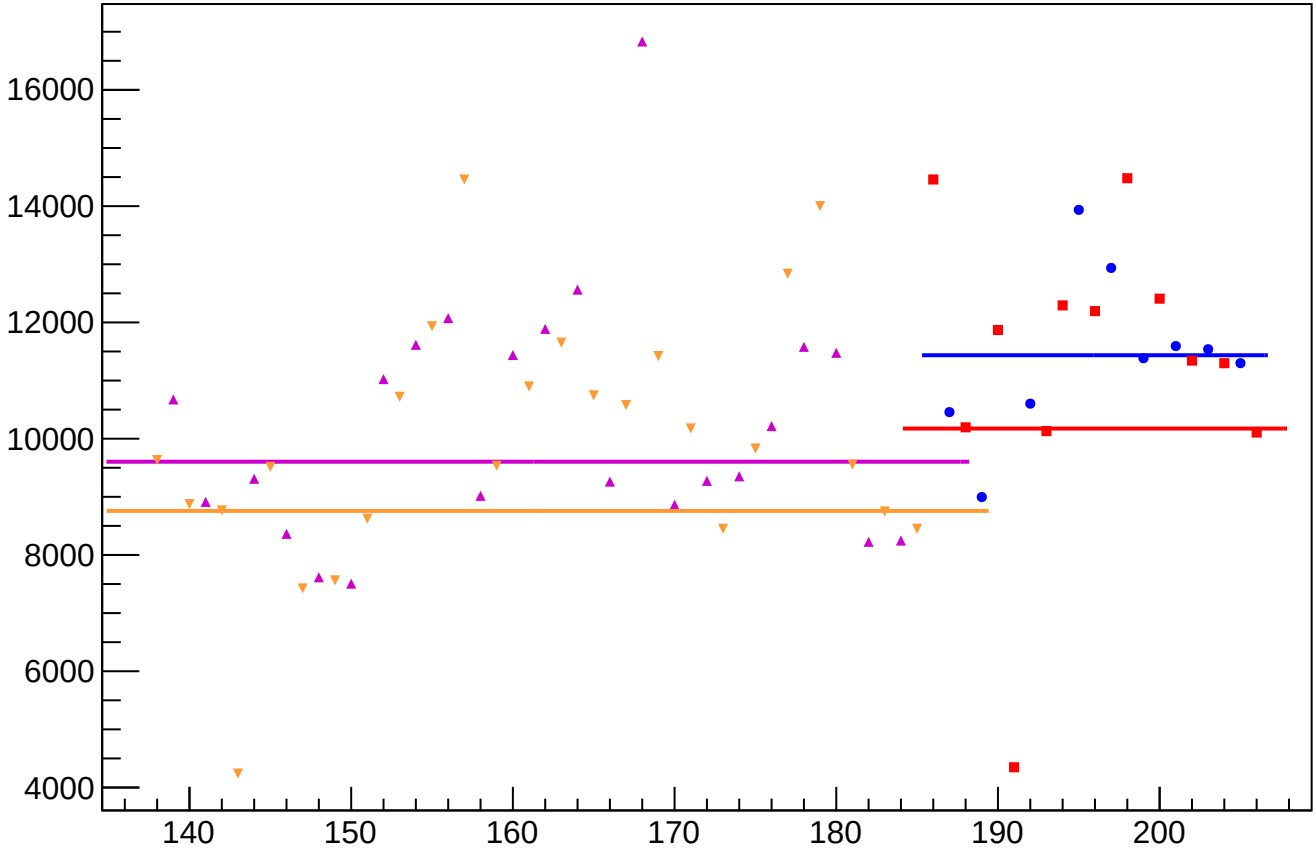
Right: -7653.183+/-2907.717 χ^2/NDF: 22.1/20

In: -288.446+/-2092.262 χ^2/NDF:26.3/31

Out: -3084.521+/-1850.800 χ^2/NDF:44.7/36

All: -1857.068+/-1386.258 χ^2/NDF: 71.9/68

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 11435.562+/-3.360 χ^2/NDF: 148520.1/8

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

Right Out: 10174.394+/-2.600 χ^2/NDF: 1281275.5/11

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

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

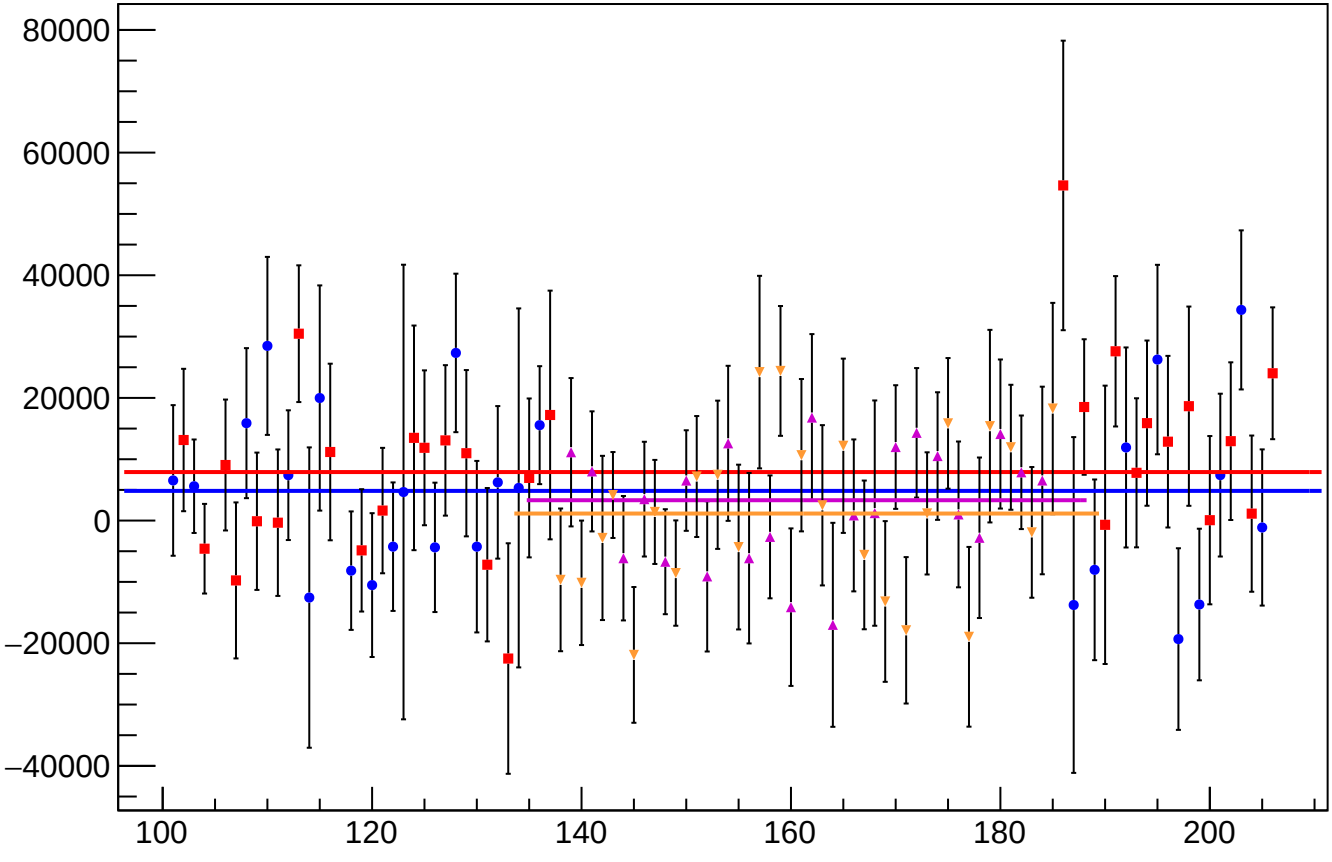
Right: 10646.775+/-2.056 χ^2/NDF: 1517936.6/20

In: 9959.219+/-1.479 χ^2/NDF:1483904.2/31

Out: 9116.775+/-1.309 χ^2/NDF:4282037.5/36

All: 9486.600+/-0.980 χ^2/NDF: 5947848.8/68

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 4838.980+/-2515.825 χ^2/NDF: 28.2/25

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

Right Out: 7909.148+/-2273.459 χ^2/NDF: 28.4/29

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

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

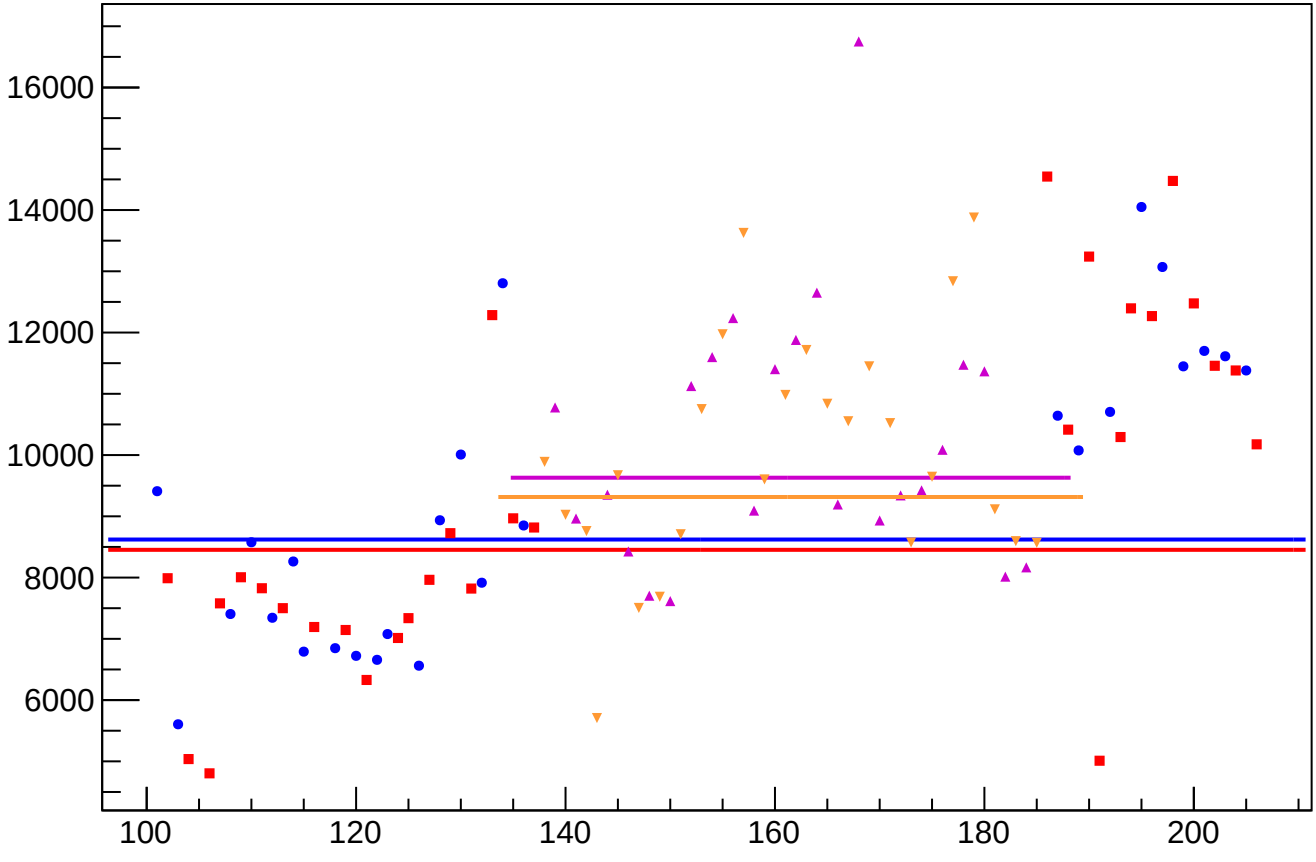
Right: 6529.036+/-1686.773 χ^2/NDF: 57.4/55

In: 4021.700+/-1711.925 χ^2/NDF:41.8/48

Out: 4465.447+/-1592.842 χ^2/NDF:60.8/54

All: 4259.543+/-1166.137 χ^2/NDF: 102.6/103

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 8621.234+/-1.779 χ^2/NDF: 1633061.0/25

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

Right Out: 8452.982+/-1.607 χ^2/NDF: 2489443.5/29

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

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

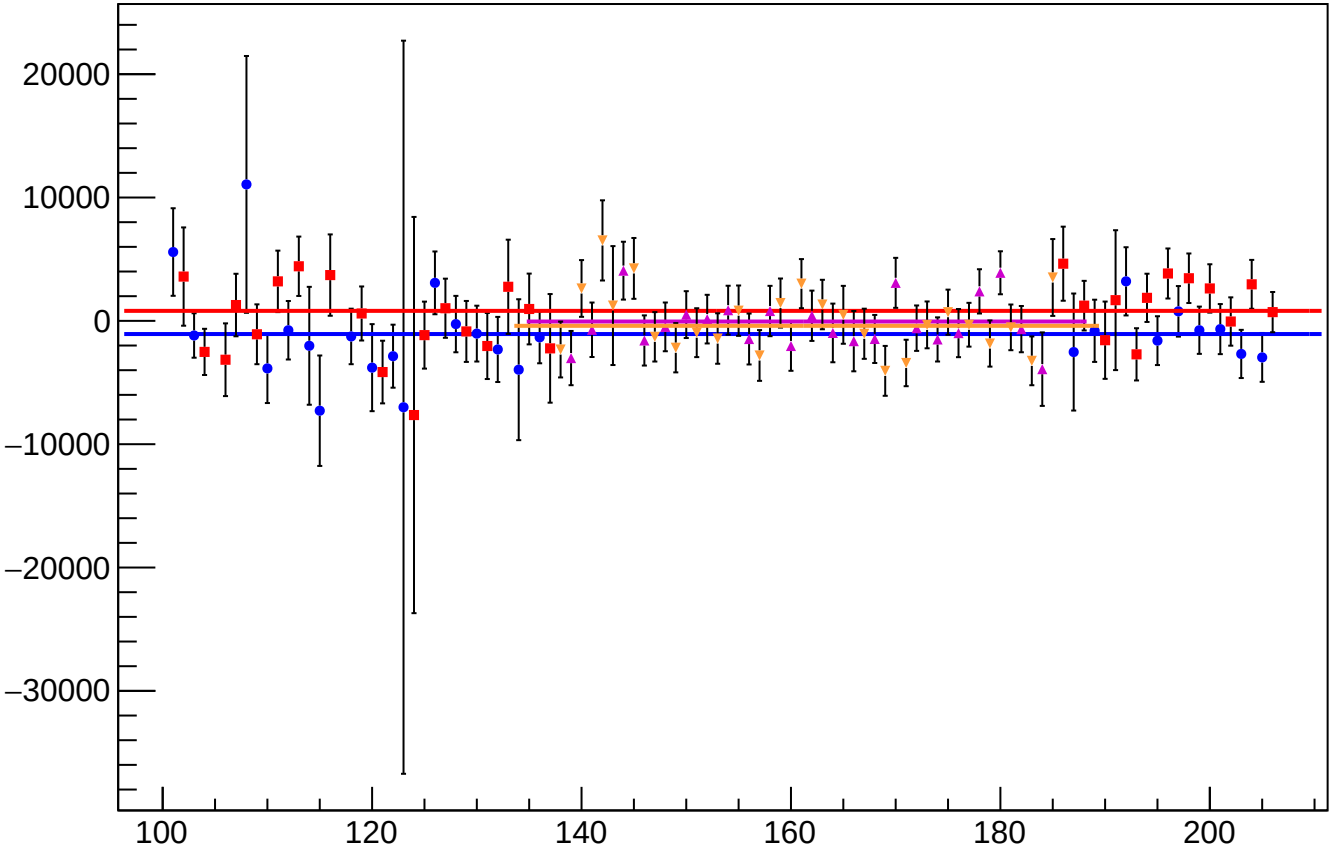
Right: 8528.608+/-1.193 χ^2/NDF: 4127429.1/55

In: 9163.088+/-1.211 χ^2/NDF:2880489.7/48

Out: 8892.014+/-1.126 χ^2/NDF:4139496.7/54

All: 9017.790+/-0.825 χ^2/NDF: 7046865.5/10

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -1068.609+/-498.390 χ^2/NDF: 17.3/25

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

Right Out: 810.268+/-444.778 χ^2/NDF: 28.5/29

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

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

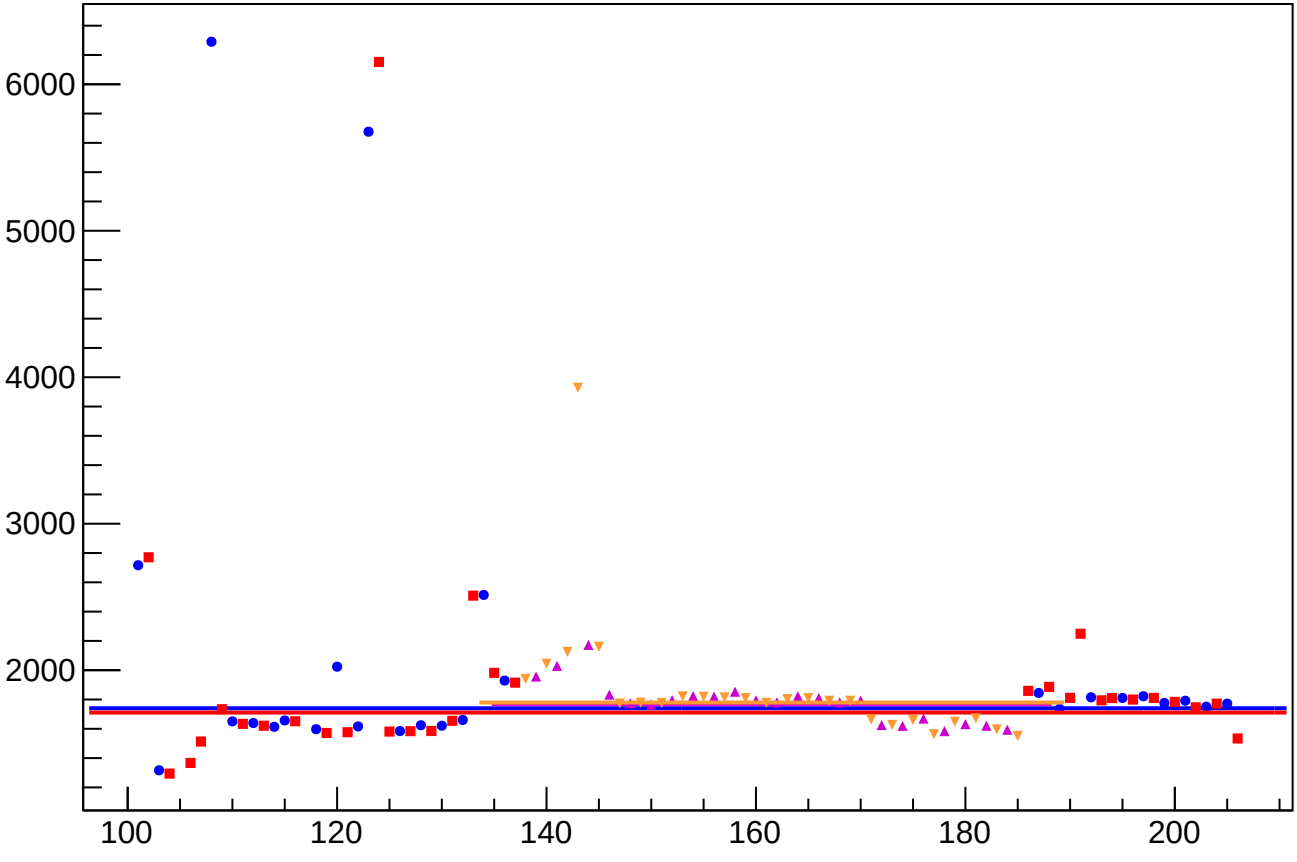
Right: -22.713+/-331.847 χ^2/NDF: 53.8/55

In: -478.068+/-322.311 χ^2/NDF:40.6/48

Out: 167.603+/-305.078 χ^2/NDF:61.4/54

All: -137.510+/-221.564 χ^2/NDF: 104.1/103

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1740.215+/-0.352 χ^2/NDF: 796031.6/25

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

Right Out: 1710.904+/-0.315 χ^2/NDF: 663969.3/29

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

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

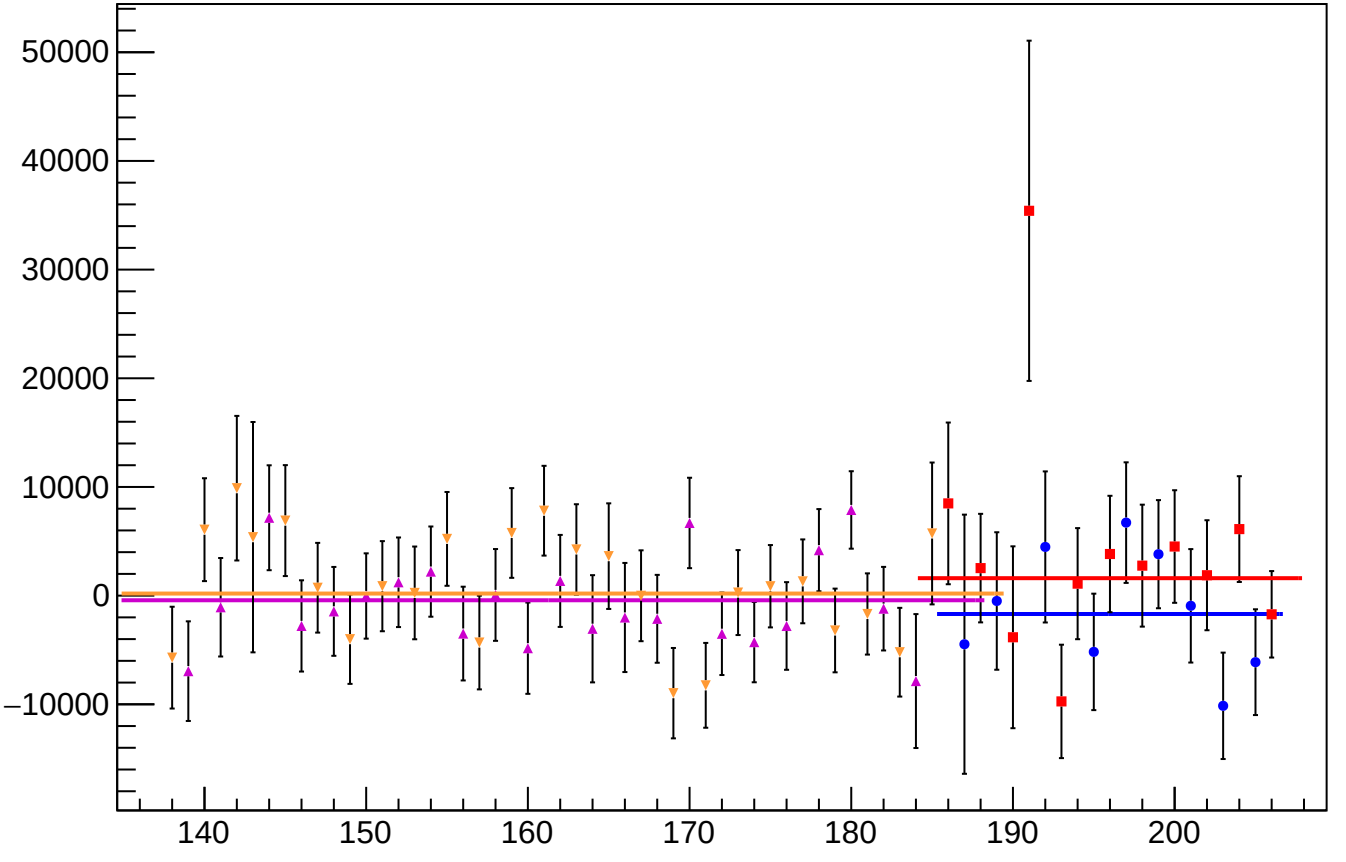
Right: 1723.898+/-0.235 χ^2/NDF: 1463851.7/55

In: 1755.980+/-0.228 χ^2/NDF:996055.2/48

Out: 1747.192+/-0.216 χ^2/NDF:1300036.4/54

All: 1751.345+/-0.157 χ^2/NDF: 2296875.8/10

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -1689.987+/-1886.107 χ^2/NDF: 8.7/8

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

Right Out: 1606.157+/-1581.345 χ^2/NDF: 12.8/11

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

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

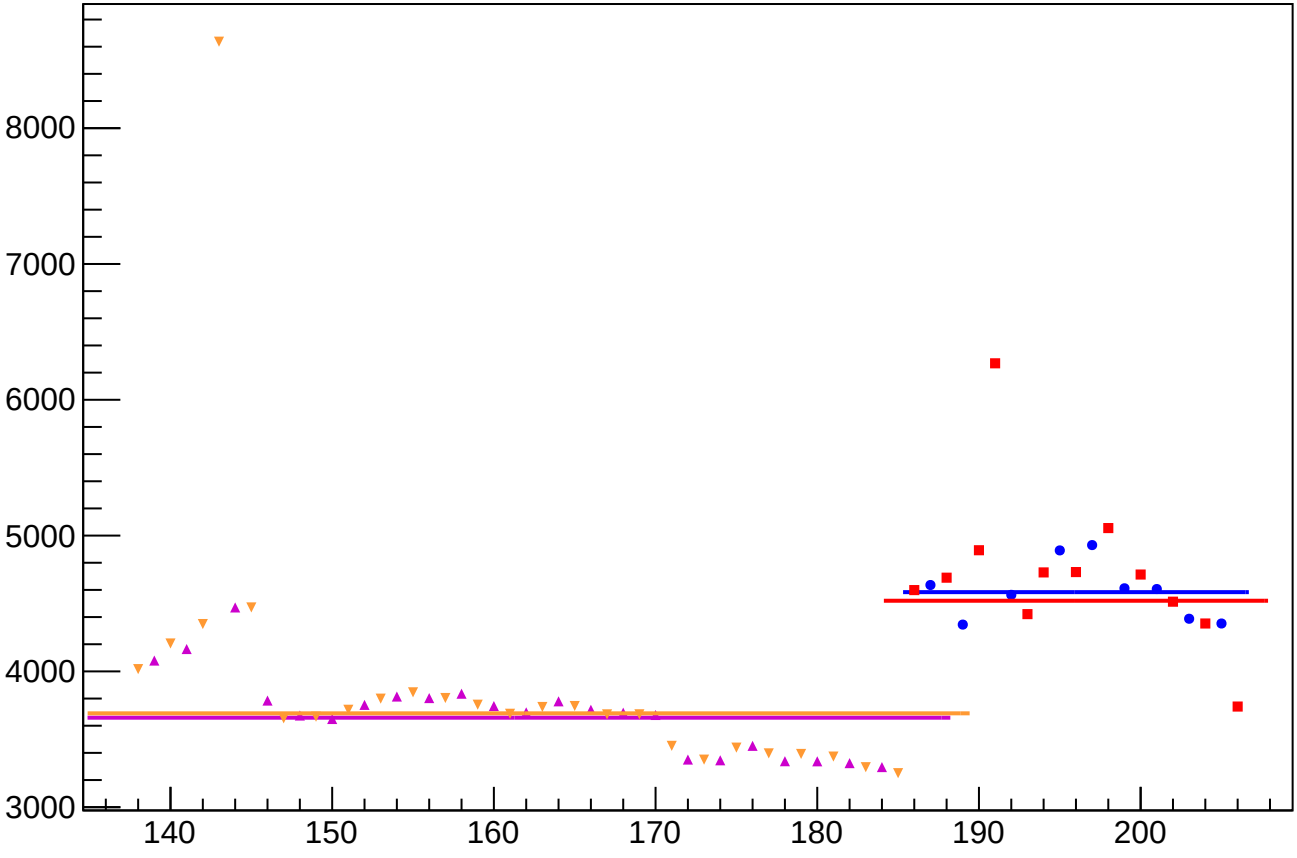
Right: 245.569+/-1211.787 χ^2/NDF: 23.2/20

In: -649.806+/-793.647 χ^2/NDF:30.3/31

Out: 519.844+/-762.196 χ^2/NDF:44.0/36

All: -41.346+/-549.736 χ^2/NDF: 75.4/68

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 4583.622+/-1.334 χ^2/NDF: 25103.2/8

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

Right Out: 4520.252+/-1.118 χ^2/NDF: 138672.7/11

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

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

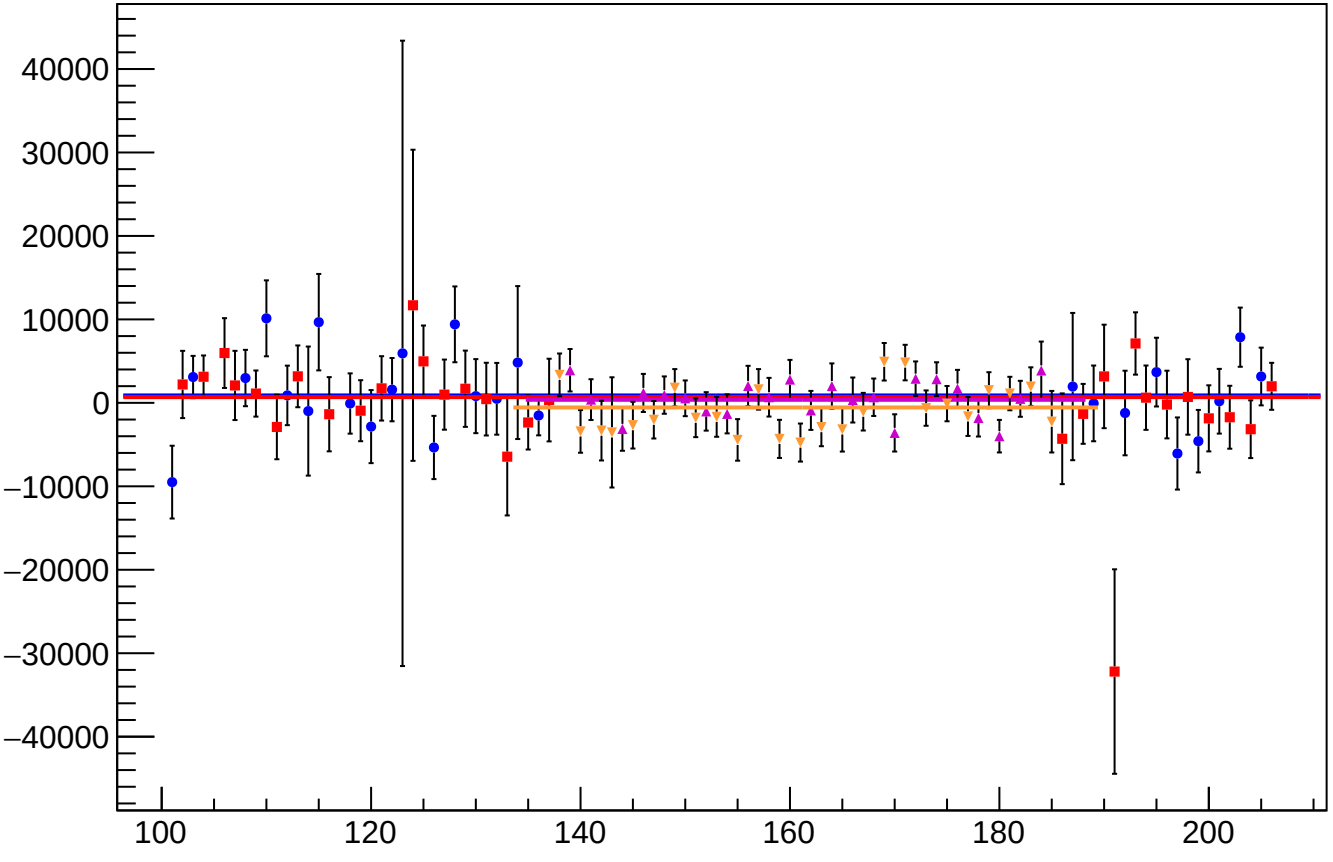
Right: 4546.409+/-0.857 χ^2/NDF: 165101.8/20

In: 3822.785+/-0.561 χ^2/NDF:618649.9/31

Out: 3883.789+/-0.539 χ^2/NDF:1200195.4/36

All: 3854.520+/-0.389 χ^2/NDF: 1824992.2/68

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 889.395+/-791.927 χ^2/NDF: 31.4/25

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

Right Out: 685.851+/-725.155 χ^2/NDF: 21.7/29

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

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

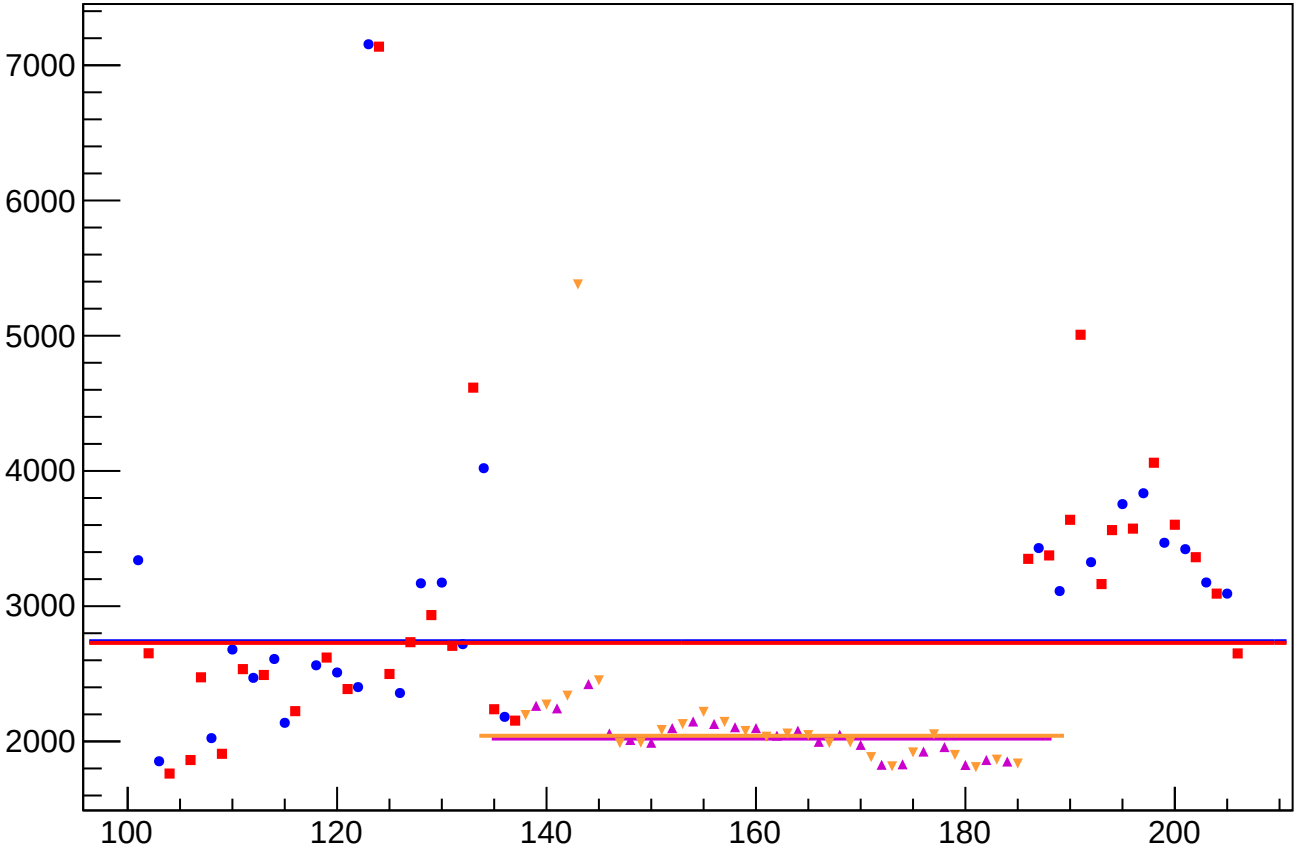
Right: 778.682+/-534.813 χ^2/NDF: 53.1/55

In: 508.124+/-412.414 χ^2/NDF:52.2/48

Out: -172.686+/-401.201 χ^2/NDF:57.8/54

All: 158.338+/-287.574 χ^2/NDF: 111.4/103

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2740.849+/-0.560 χ^2/NDF: 1158763.9/25

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

Right Out: 2728.582+/-0.513 χ^2/NDF: 1714353.9/29

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

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

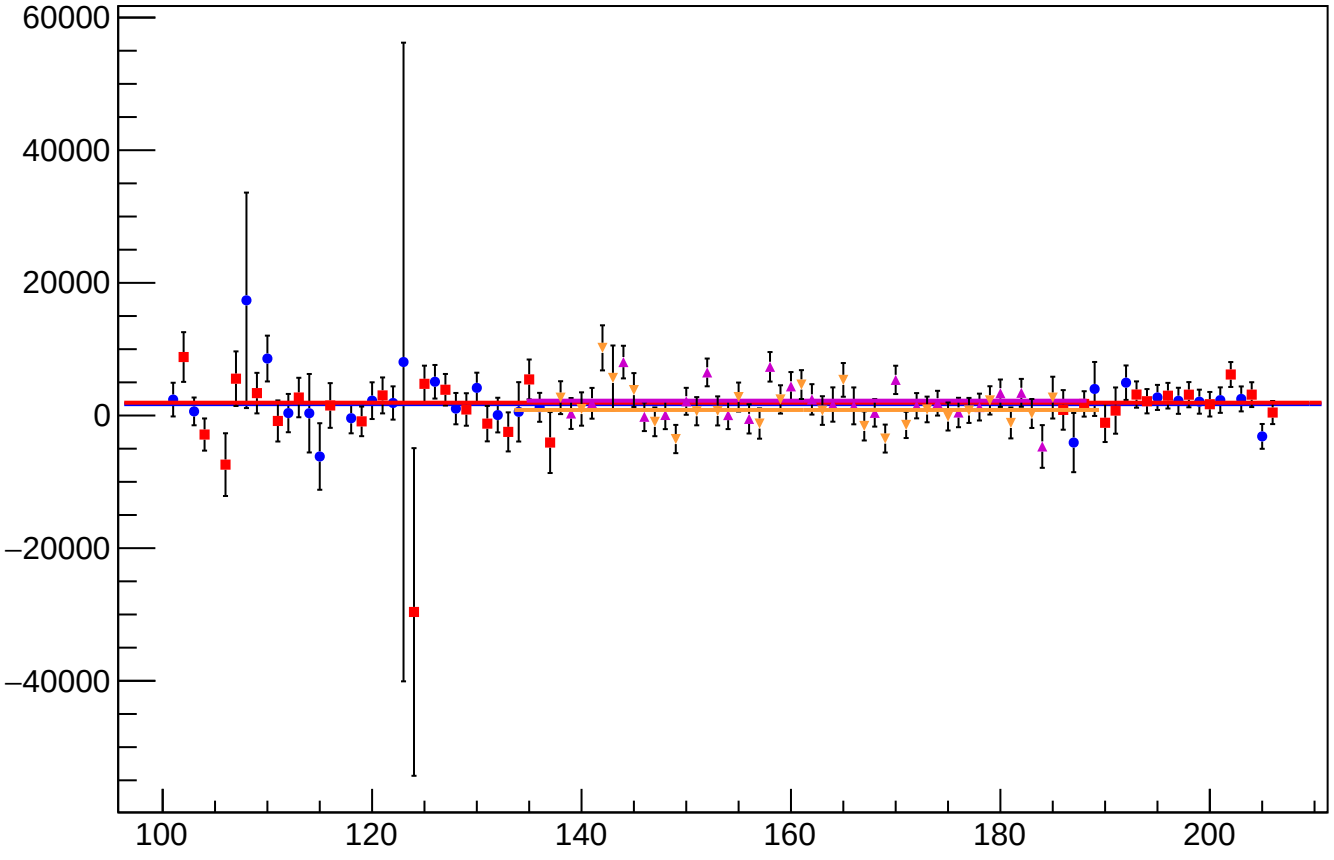
Right: 2734.177+/-0.378 χ^2/NDF: 2873378.7/55

In: 2216.274+/-0.292 χ^2/NDF:2541614.3/48

Out: 2252.012+/-0.284 χ^2/NDF:3666095.6/54

All: 2234.635+/-0.203 χ^2/NDF: 6215426.0/10

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1714.209+/-499.043 χ^2/NDF: 23.4/25

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

Right Out: 1931.060+/-453.603 χ^2/NDF: 33.8/29

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

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

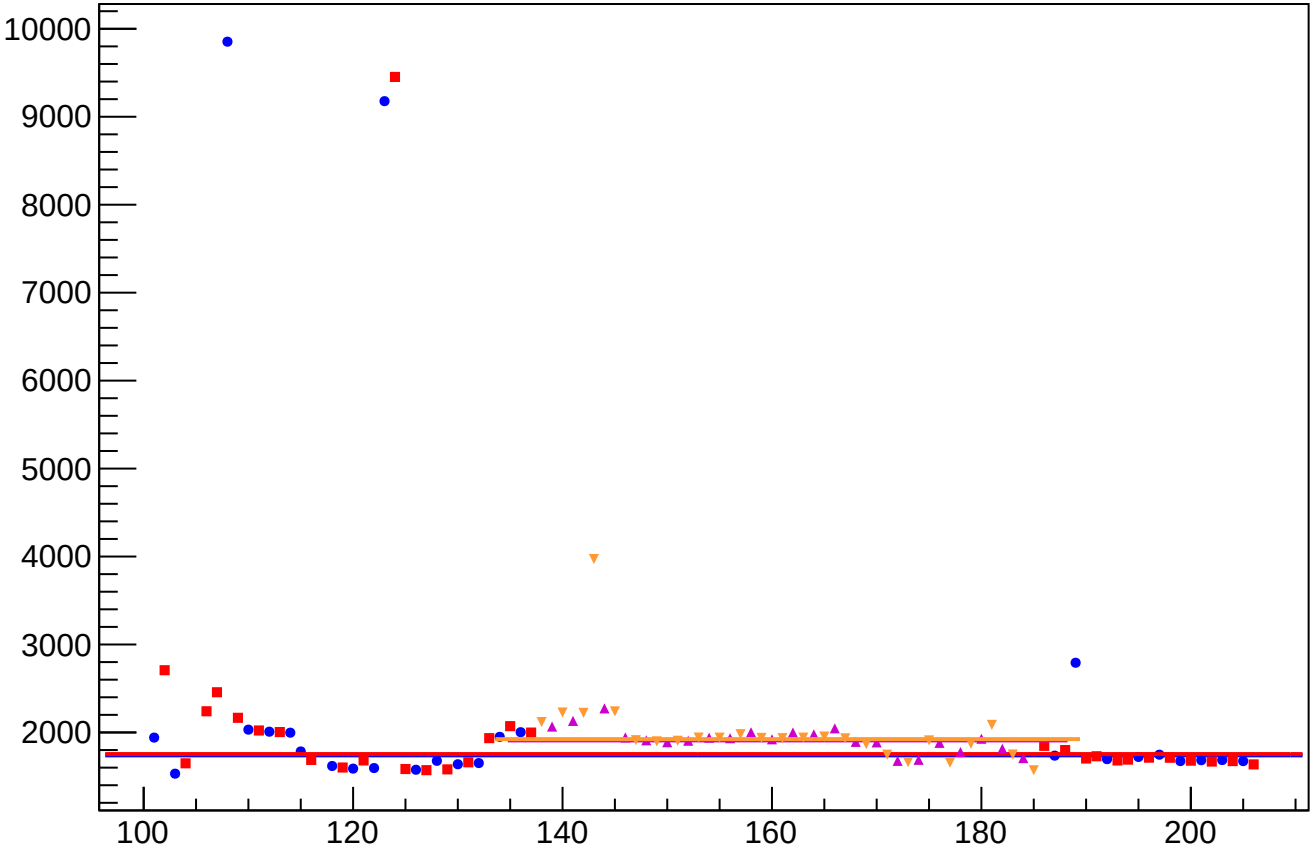
Right: 1832.955+/-335.663 χ^2/NDF: 57.3/55

In: 1997.410+/-337.321 χ^2/NDF:54.9/48

Out: 1385.326+/-321.063 χ^2/NDF:69.1/54

All: 1676.263+/-232.561 χ^2/NDF: 125.7/103

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1739.742+/-0.353 χ^2/NDF: 825621.0/25

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

Right Out: 1754.299+/-0.321 χ^2/NDF: 584741.4/29

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

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

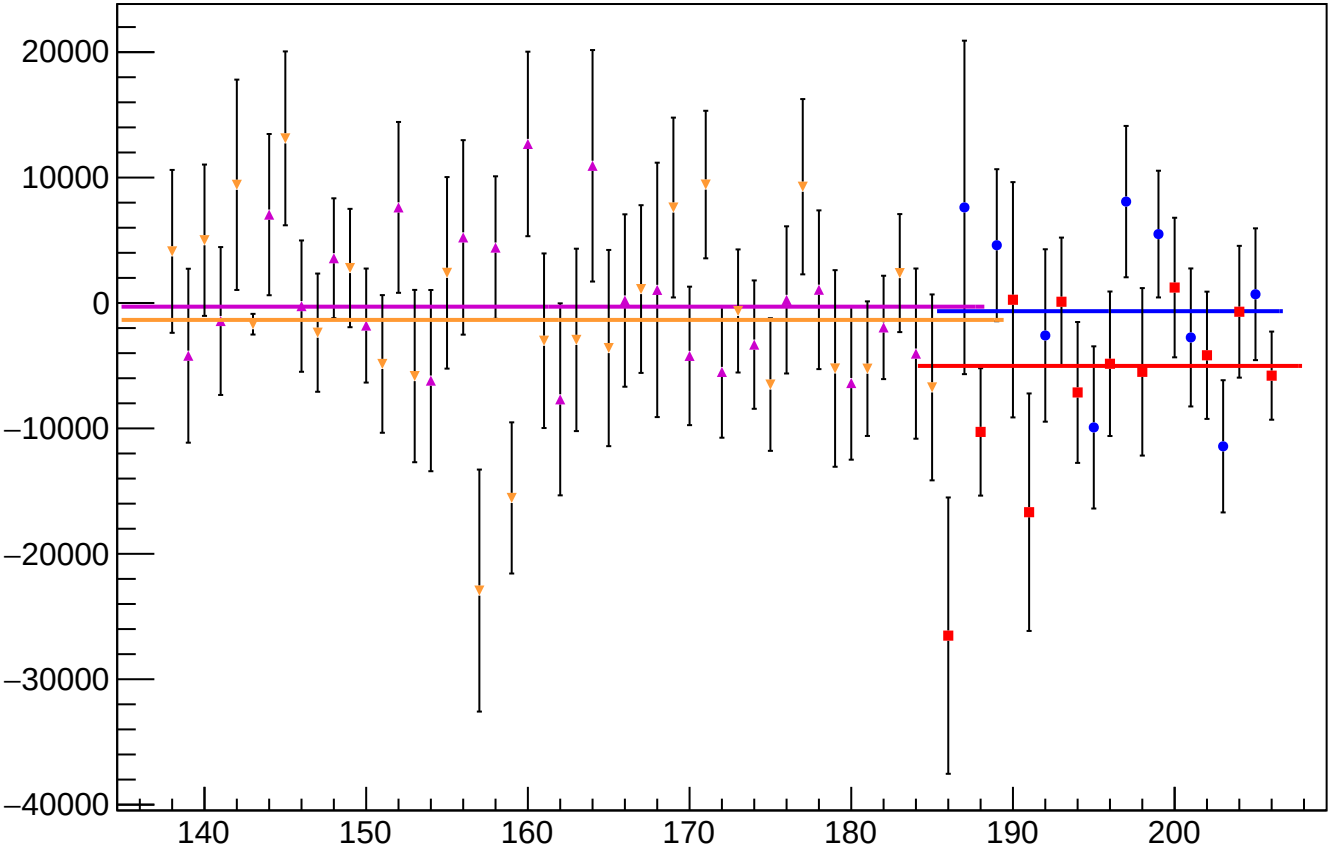
Right: 1747.717+/-0.237 χ^2/NDF: 1411294.6/55

In: 1832.024+/-0.239 χ^2/NDF:1116018.6/48

Out: 1838.978+/-0.227 χ^2/NDF:1308563.9/54

All: 1835.674+/-0.164 χ^2/NDF: 2425028.5/10

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: -652.880+/-2000.548 χ^2/NDF: 11.2/8

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

Right Out: -5017.722+/-1621.469 χ^2/NDF: 9.9/11

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

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

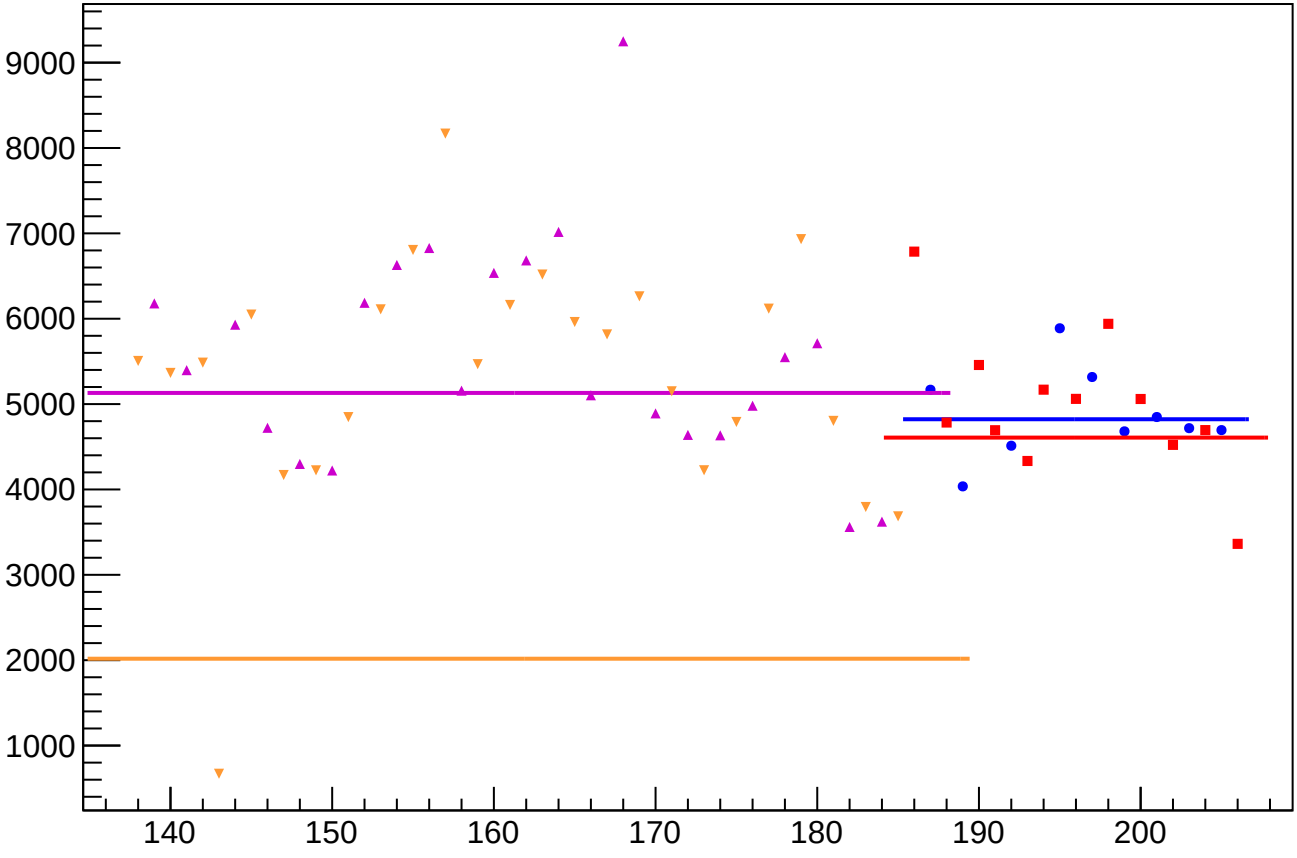
Right: -3287.174+/-1259.669 χ^2/NDF: 24.0/20

In: -395.067+/-1061.465 χ^2/NDF:25.8/31

Out: -1912.893+/-635.418 χ^2/NDF:45.1/36

All: -1512.472+/-545.197 χ^2/NDF: 72.4/68

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 4822.468+/-1.415 χ^2/NDF: 110448.8/8

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

Right Out: 4607.461+/-1.147 χ^2/NDF: 480313.5/11

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

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

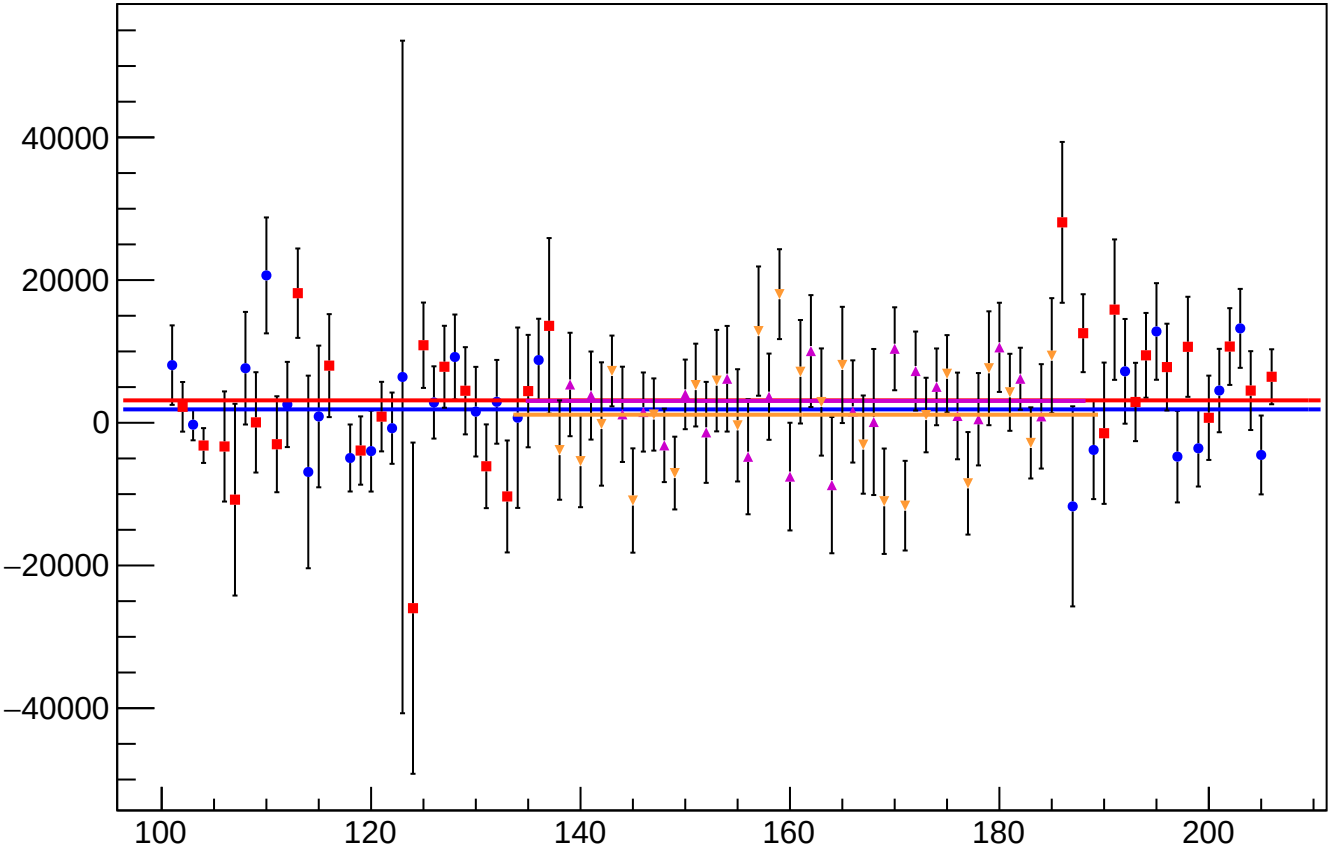
Right: 4692.706+/-0.891 χ^2/NDF: 604704.5/20

In: 5043.966+/-0.751 χ^2/NDF:1634385.9/31

Out: 2415.020+/-0.449 χ^2/NDF:23959989.2/36

All: 3108.569+/-0.386 χ^2/NDF: 34626095.6/6

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1877.116+/-1110.523 χ^2/NDF: 27.6/25

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

Right Out: 3142.018+/-1034.349 χ^2/NDF: 43.9/29

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

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

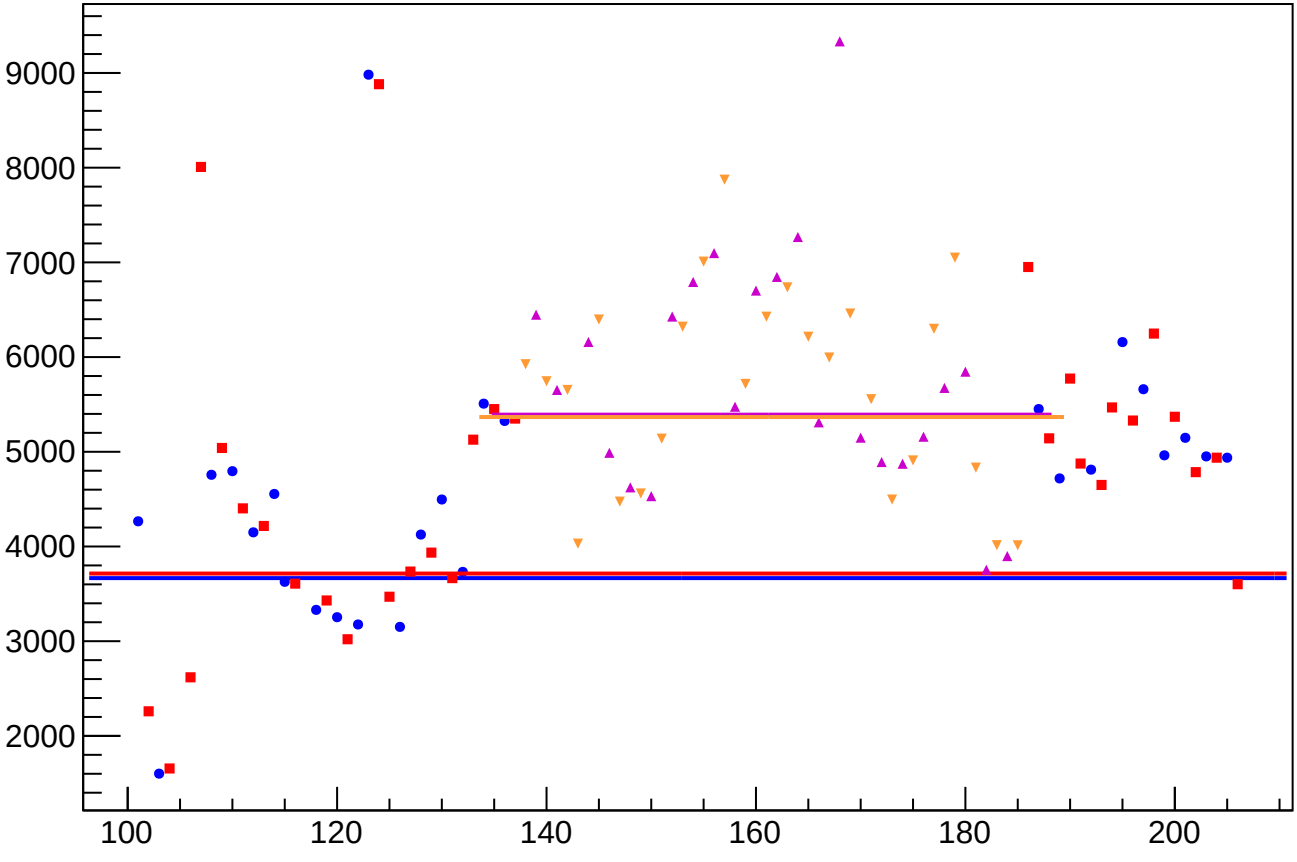
Right: 2554.433+/-756.893 χ^2/NDF: 72.2/55

In: 2370.931+/-847.963 χ^2/NDF:40.4/48

Out: 2348.337+/-804.560 χ^2/NDF:77.8/54

All: 2359.041+/-583.651 χ^2/NDF: 118.2/103

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3666.105+/-0.785 χ^2/NDF: 3293651.1/25

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

Right Out: 3714.327+/-0.724 χ^2/NDF: 3902405.3/29

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

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

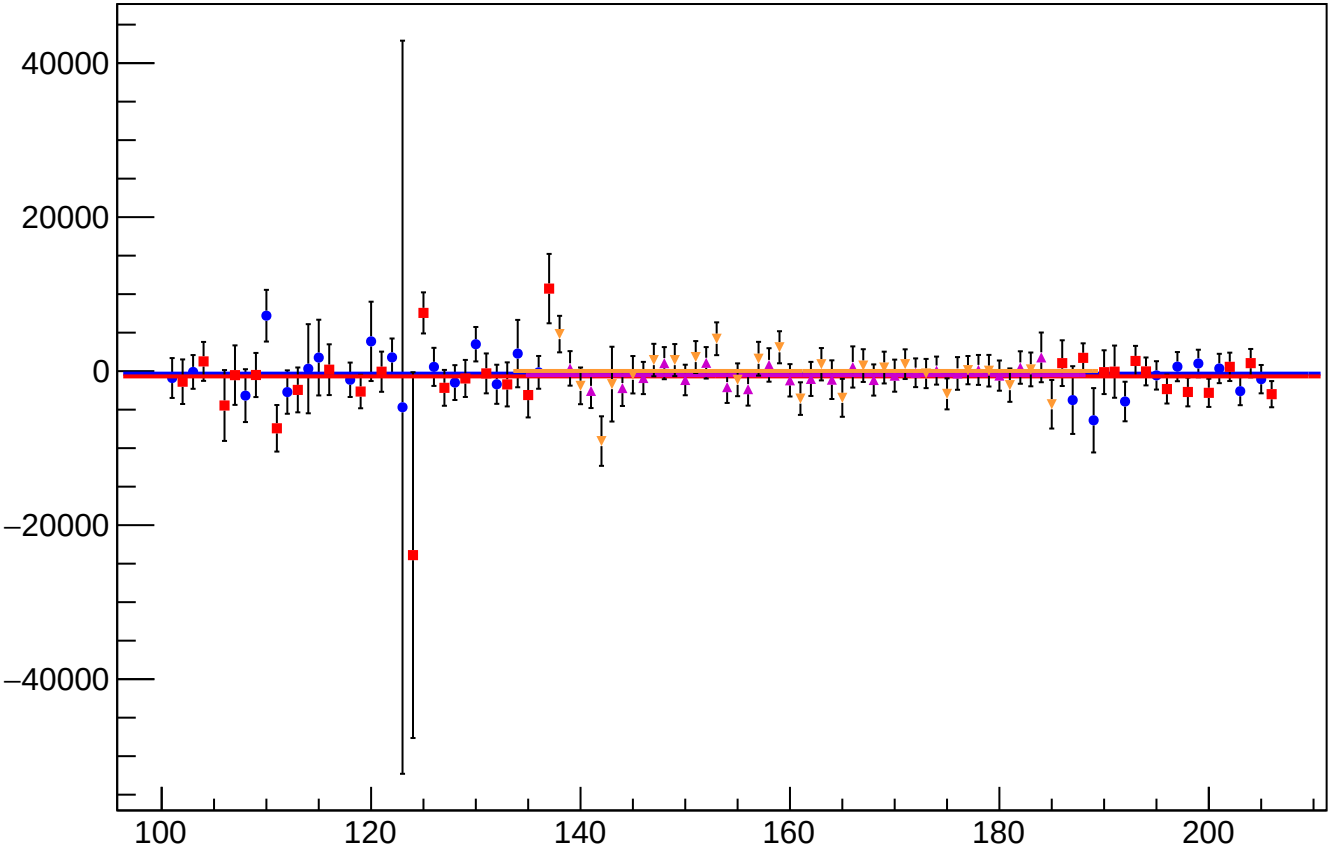
Right: 3692.154+/-0.532 χ^2/NDF: 7198093.5/55

In: 4385.725+/-0.600 χ^2/NDF:6628218.1/48

Out: 4359.571+/-0.566 χ^2/NDF:7147503.9/54

All: 4371.887+/-0.411 χ^2/NDF: 13776728.7/1

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -325.170+/-491.599 χ^2/NDF: 19.5/25

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

Right Out: -683.443+/-442.702 χ^2/NDF: 35.5/29

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

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

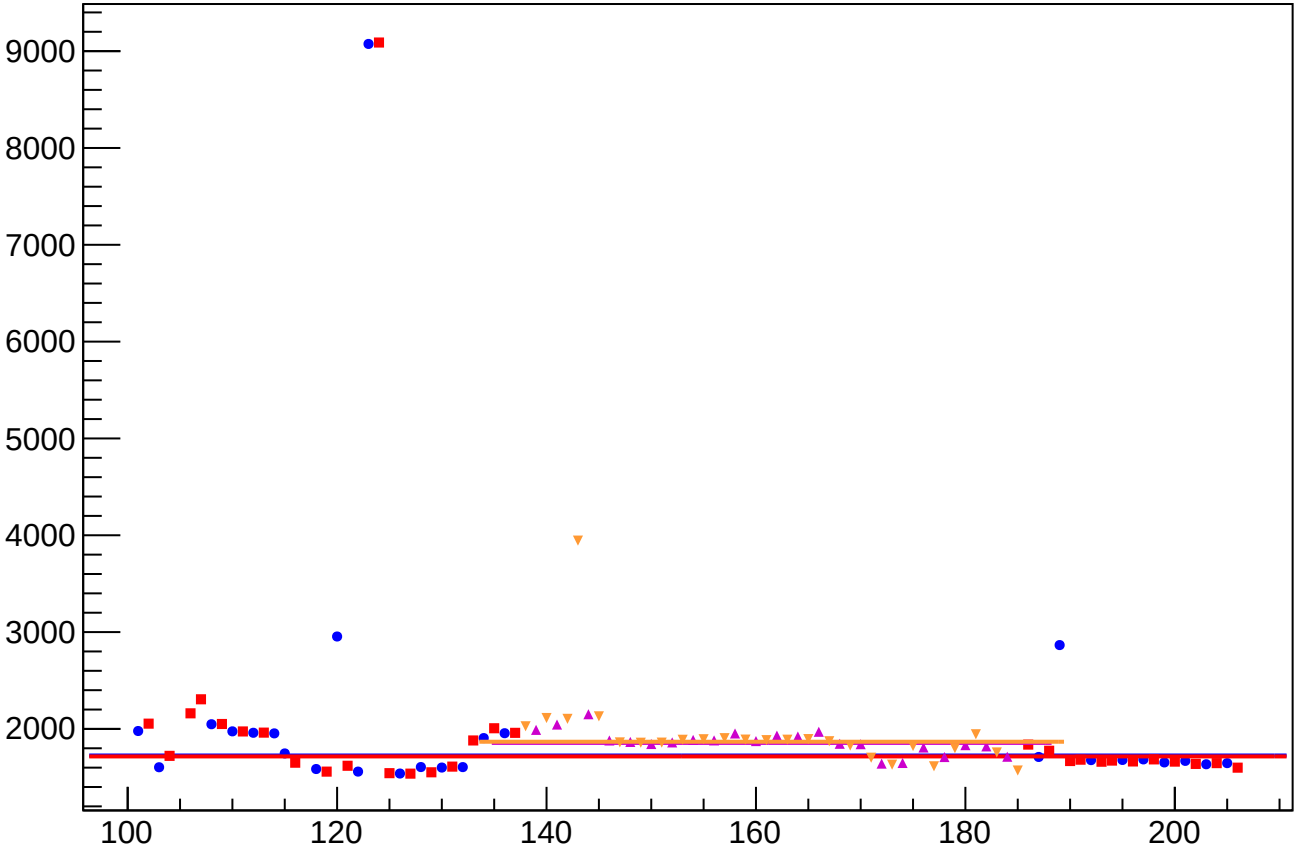
Right: -523.006+/-328.970 χ^2/NDF: 55.3/55

In: -429.464+/-329.666 χ^2/NDF:25.5/48

Out: -328.451+/-312.336 χ^2/NDF:68.4/54

All: -376.233+/-226.734 χ^2/NDF: 94.0/103

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1725.533+/-0.348 χ^2/NDF: 469210.8/25

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

Right Out: 1715.724+/-0.313 χ^2/NDF: 451649.0/29

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

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

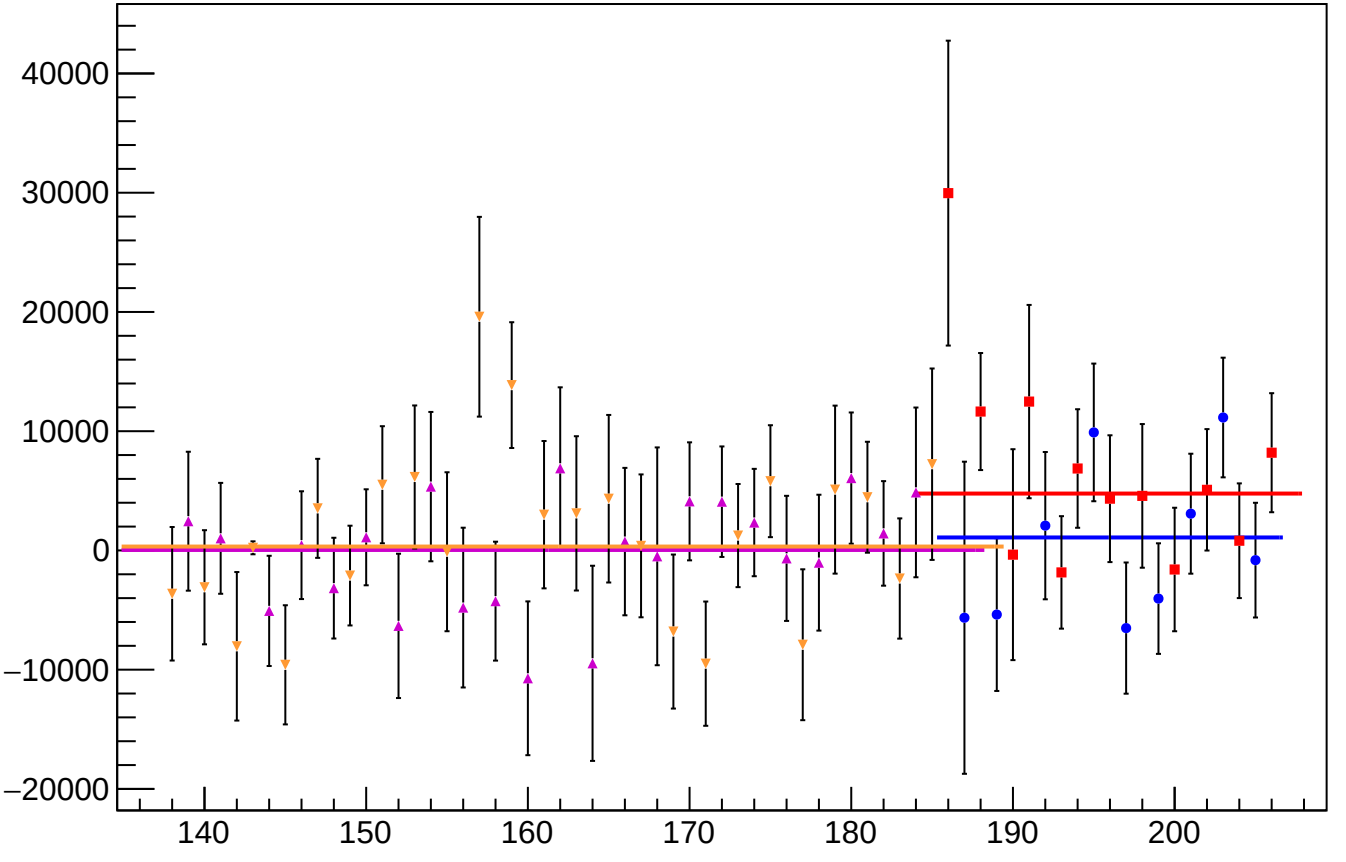
Right: 1720.114+/-0.233 χ^2/NDF: 921299.7/55

In: 1797.042+/-0.233 χ^2/NDF:682331.2/48

Out: 1791.921+/-0.221 χ^2/NDF:1115197.1/54

All: 1794.343+/-0.160 χ^2/NDF: 1797782.8/10

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 1088.256+/-1861.953 χ^2/NDF: 11.1/8

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

Right Out: 4769.992+/-1615.472 χ^2/NDF: 11.9/11

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

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

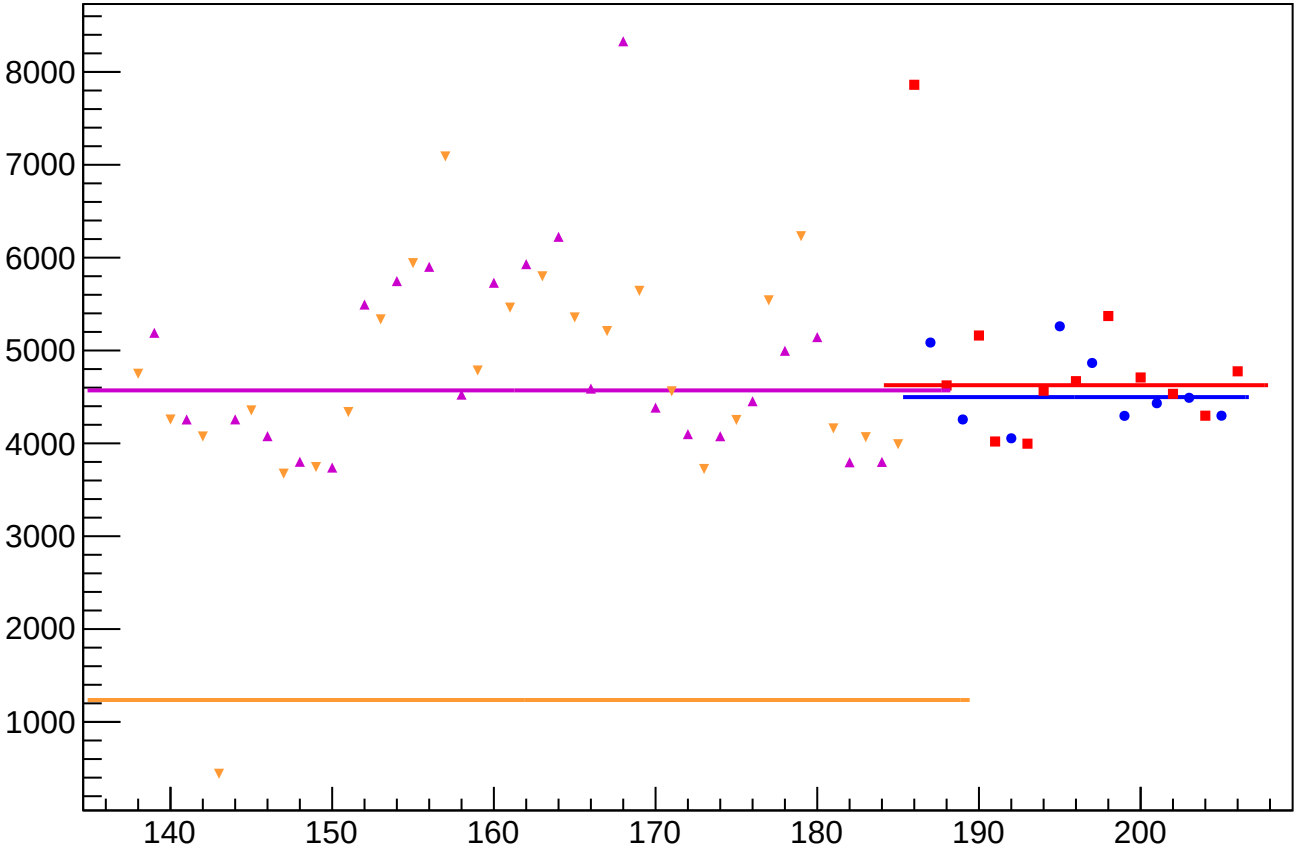
Right: 3188.782+/-1220.218 χ^2/NDF: 25.2/20

In: 314.871+/-953.273 χ^2/NDF:25.2/31

Out: 697.152+/-467.361 χ^2/NDF:51.4/36

All: 623.072+/-419.641 χ^2/NDF: 76.7/68

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 4498.159+/-1.317 χ^2/NDF: 68615.0/8

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

Right Out: 4626.283+/-1.142 χ^2/NDF: 225537.9/11

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

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

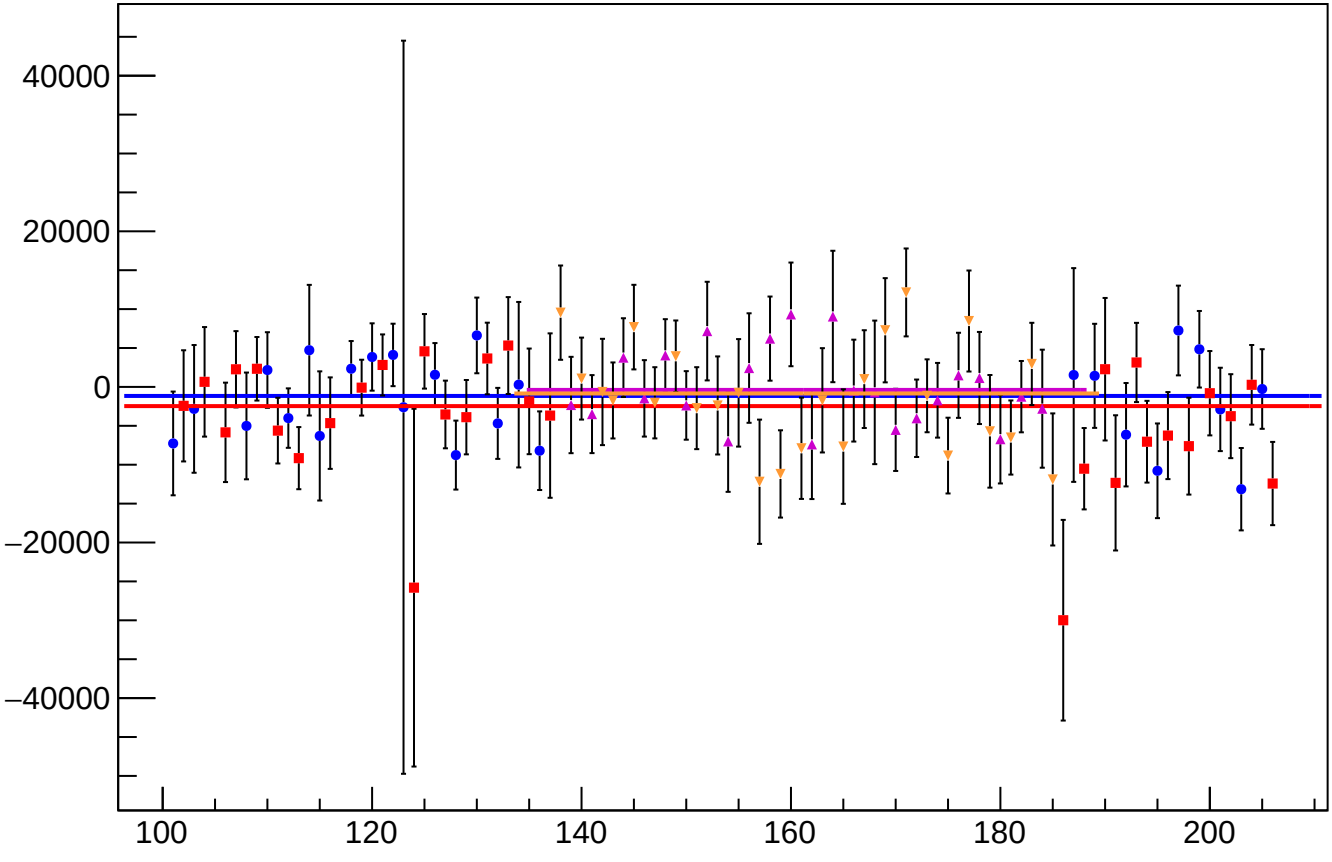
Right: 4571.257+/-0.863 χ^2/NDF: 299555.8/20

In: 4551.463+/-0.674 χ^2/NDF:1216048.0/31

Out: 1519.909+/-0.330 χ^2/NDF:31691893.5/36

All: 2107.379+/-0.297 χ^2/NDF: 49215039.6/6

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -1160.497+/-1054.245 χ^2/NDF: 27.7/25

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

Right Out: -2467.285+/-978.859 χ^2/NDF: 30.7/29

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

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

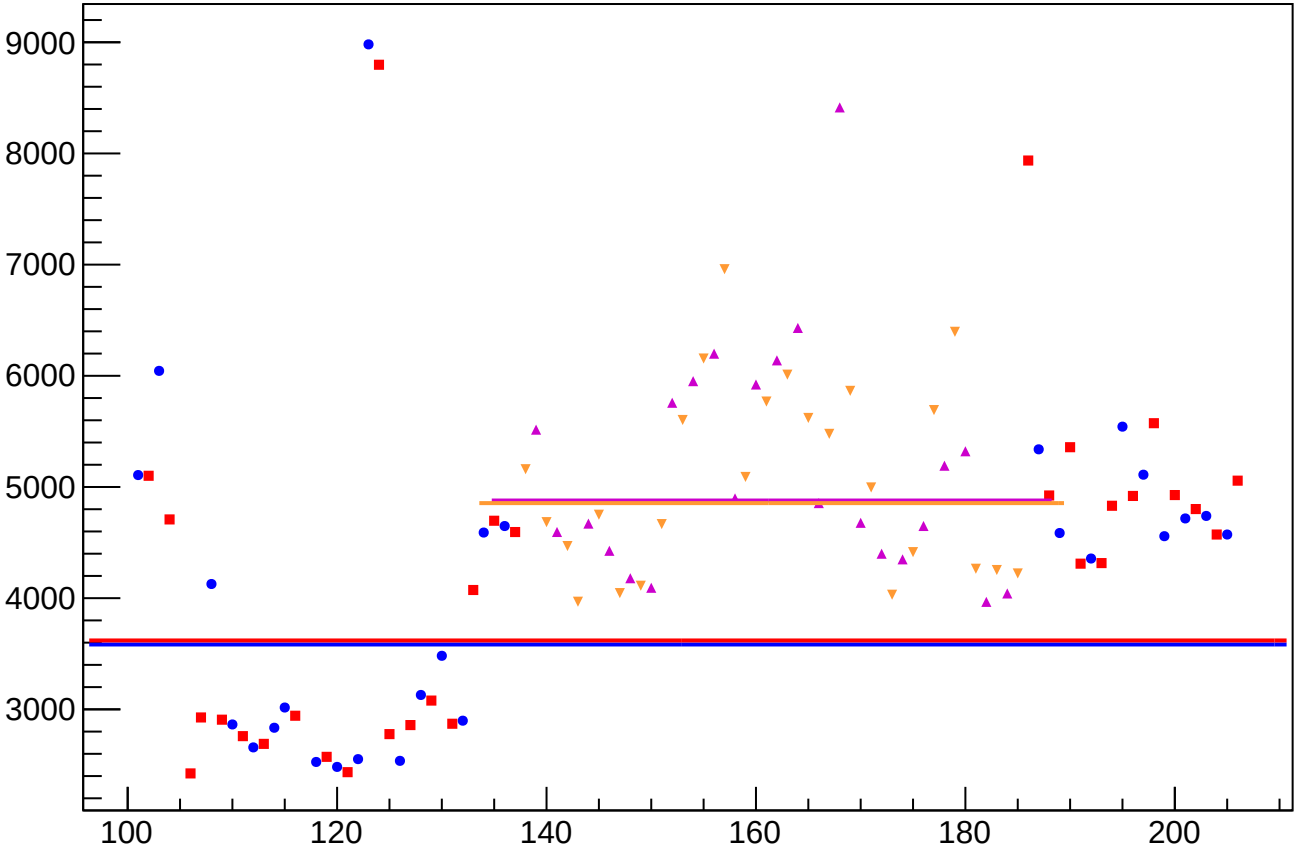
Right: -1862.279+/-717.330 χ^2/NDF: 59.3/55

In: -816.776+/-786.609 χ^2/NDF:41.9/48

Out: -1787.738+/-746.124 χ^2/NDF:61.9/54

All: -1327.885+/-541.336 χ^2/NDF: 104.6/103

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3583.459+/-0.745 χ^2/NDF: 2043161.3/25

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

Right Out: 3619.645+/-0.686 χ^2/NDF: 2615171.3/29

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

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

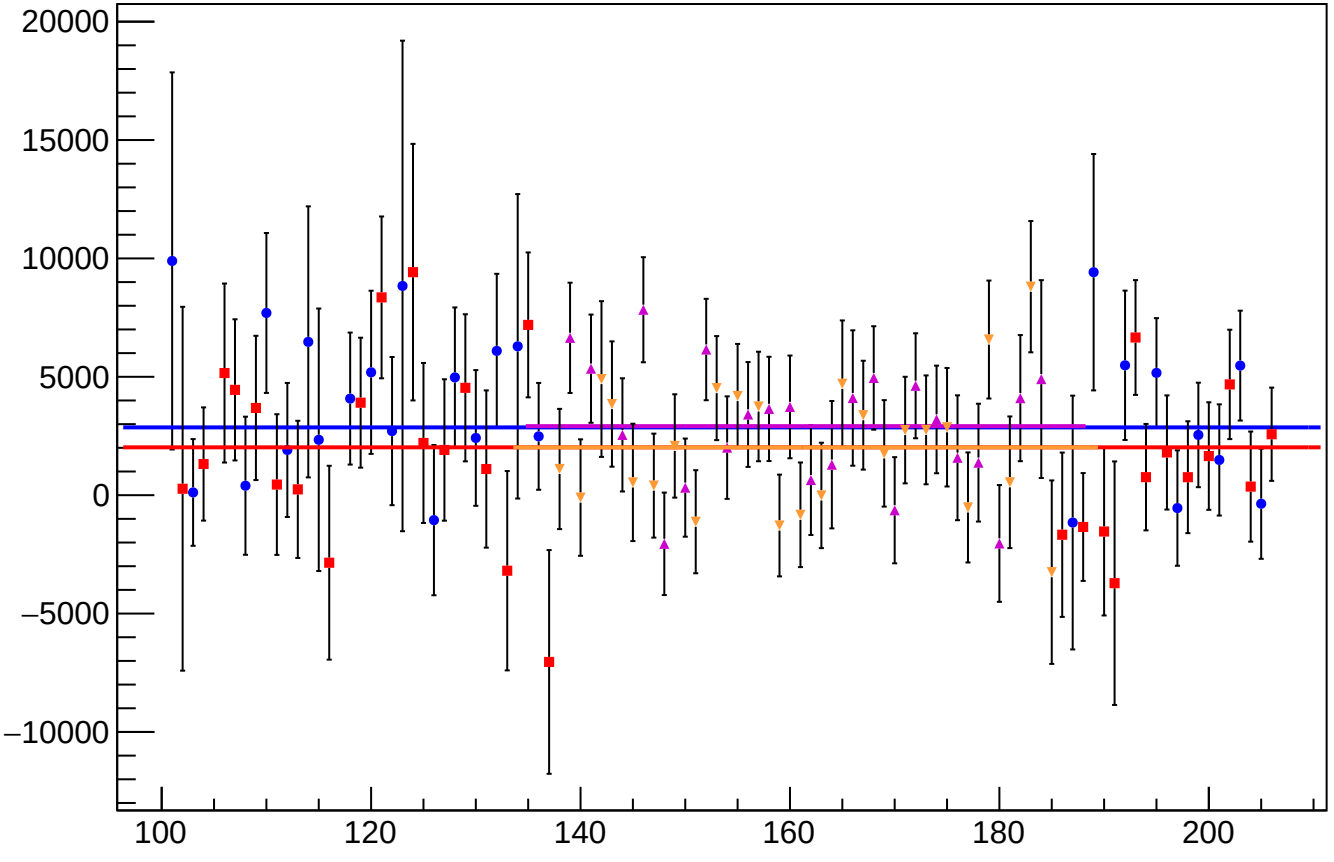
Right: 3603.045+/-0.505 χ^2/NDF: 4659608.0/55

In: 4157.421+/-0.556 χ^2/NDF:4345704.6/48

Out: 4132.116+/-0.525 χ^2/NDF:4854763.8/54

All: 4144.038+/-0.382 χ^2/NDF: 9201563.0/10

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2863.061+/-590.437 χ^2/NDF: 19.4/25

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

Right Out: 2021.189+/-529.583 χ^2/NDF: 30.2/29

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

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

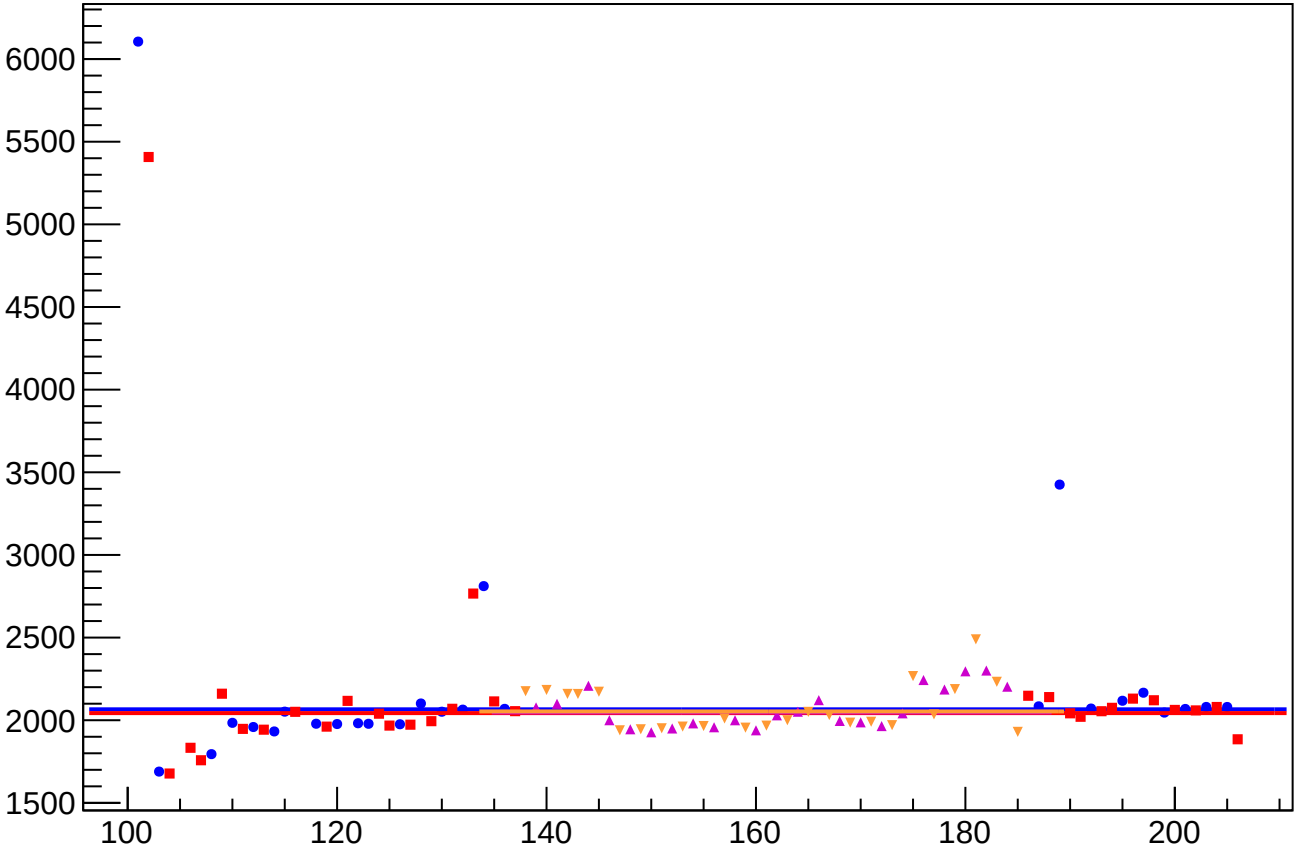
Right: 2396.518+/-394.237 χ^2/NDF: 50.7/55

In: 2894.485+/-376.813 χ^2/NDF:48.2/48

Out: 2020.169+/-356.196 χ^2/NDF:57.3/54

All: 2432.755+/-258.850 χ^2/NDF: 108.4/103

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2065.996+/-0.418 χ^2/NDF: 779706.5/25

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

Right Out: 2043.111+/-0.374 χ^2/NDF: 552358.1/29

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

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

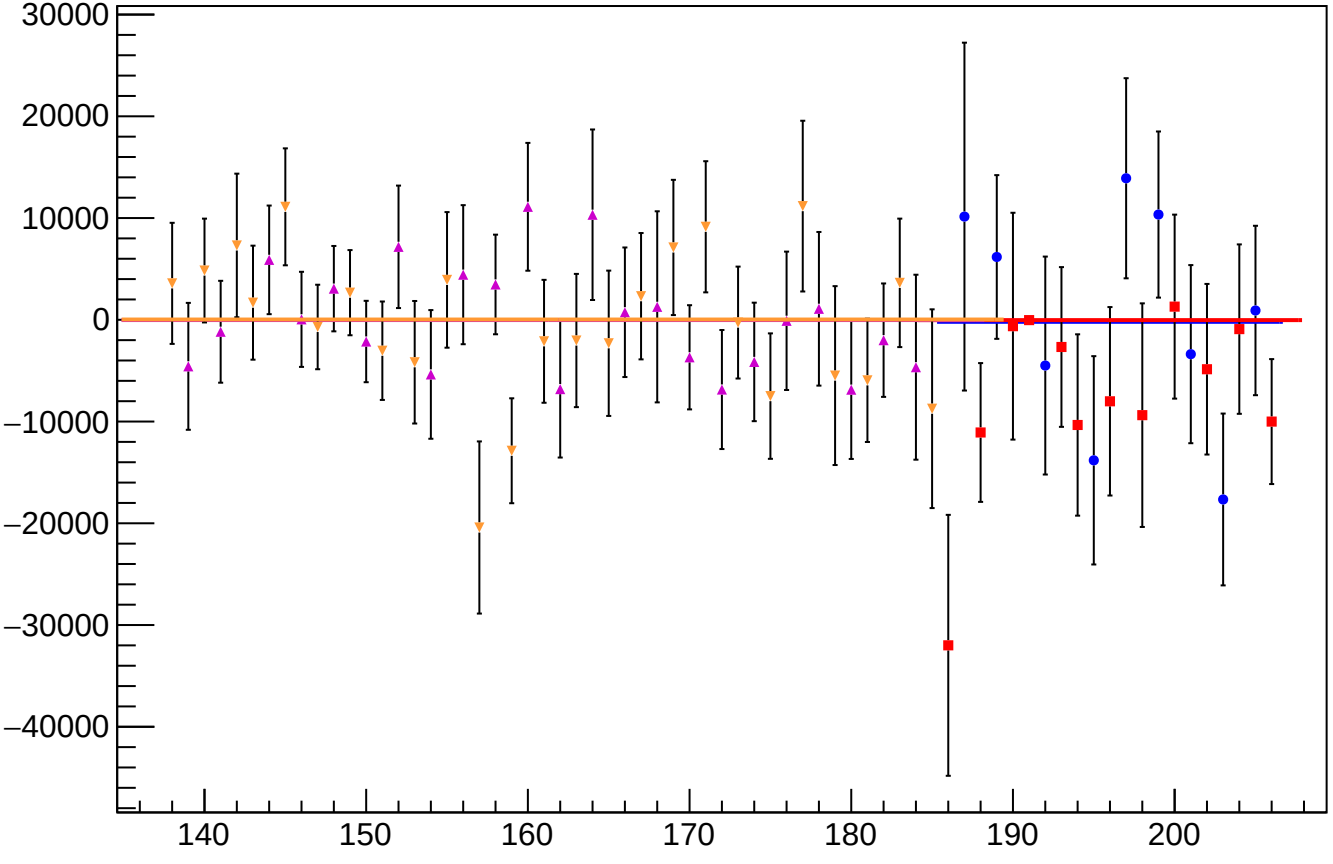
Right: 2053.312+/-0.279 χ^2/NDF: 1333729.9/55

In: 2054.902+/-0.266 χ^2/NDF:883899.2/48

Out: 2048.688+/-0.252 χ^2/NDF:689651.3/54

All: 2051.620+/-0.183 χ^2/NDF: 1573837.8/10

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -196.496+/-3101.236 χ^2/NDF: 11.1/8

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

Right Out: -31.847+/-15.145 χ^2/NDF: 14.8/11

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

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

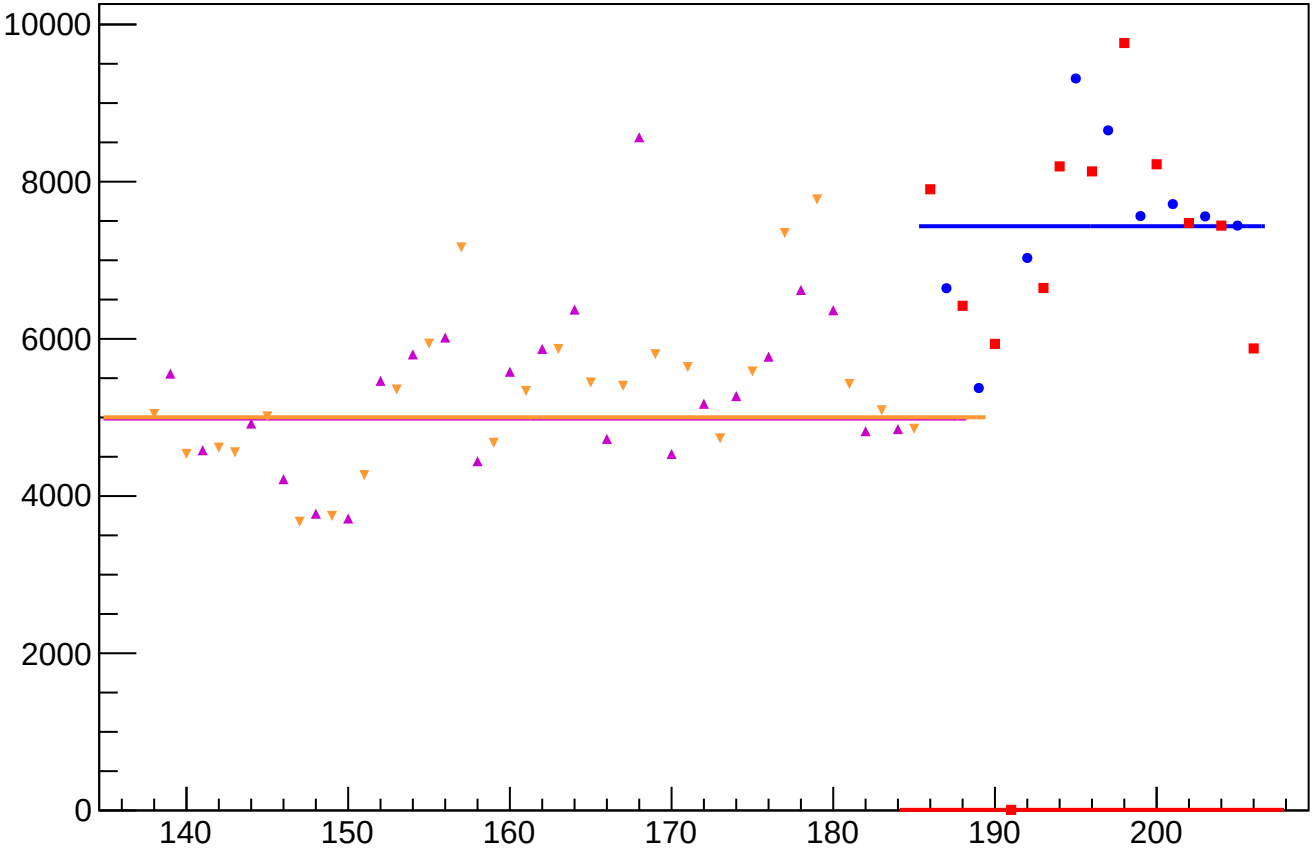
Right: -31.851+/-15.145 χ^2/NDF: 25.8/20

In: -46.640+/-1128.574 χ^2/NDF:26.3/31

Out: -31.838+/-15.144 χ^2/NDF:44.0/36

All: -31.840+/-15.142 χ^2/NDF: 70.3/68

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 7433.204+/-2.193 χ^2/NDF: 239272.7/8

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

Right Out: 7.757+/-0.011 χ^2/NDF: 15985187.3/11

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

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

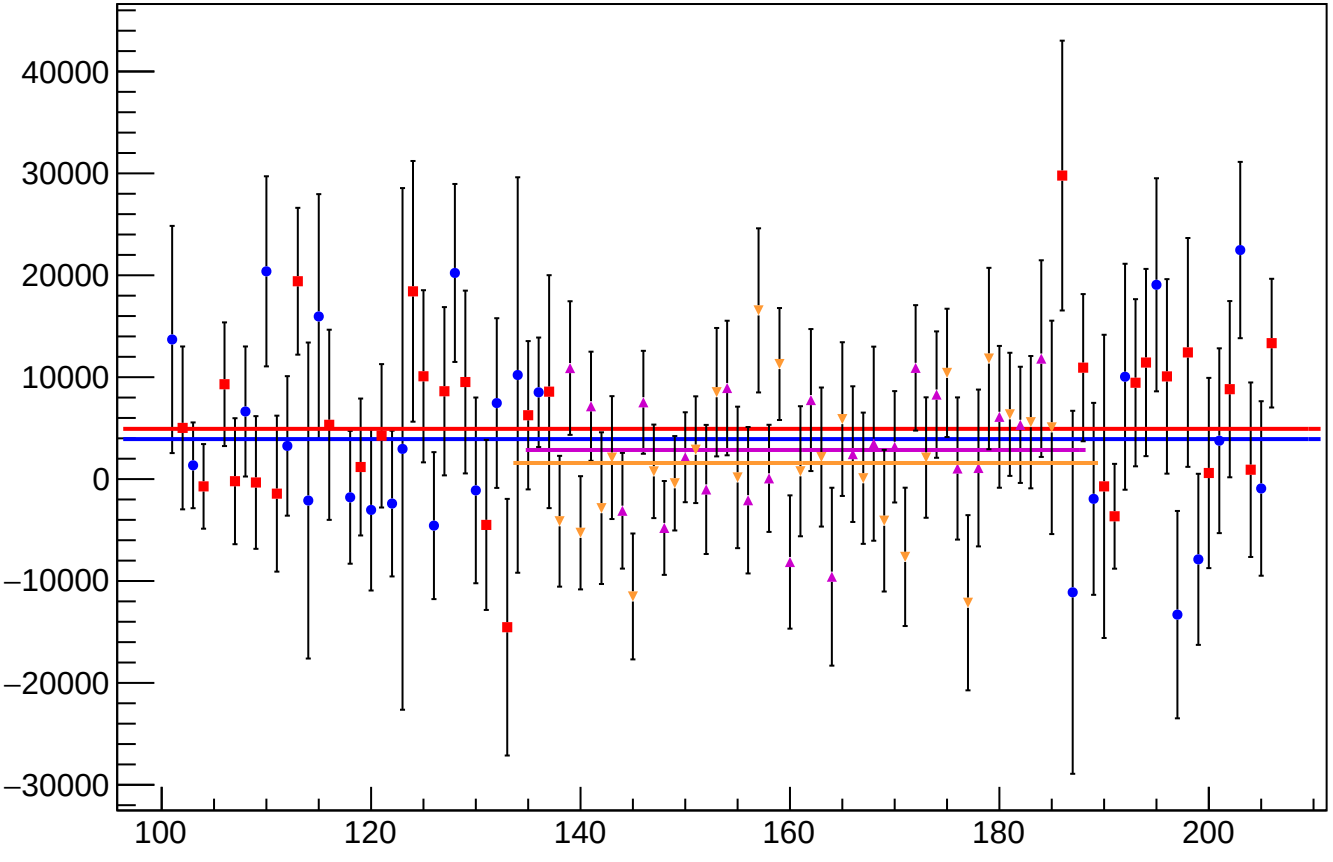
Right: 7.934+/-0.011 χ^2/NDF: 27690020.3/20

In: 5310.233+/-0.798 χ^2/NDF:2517175.6/31

Out: 8.559+/-0.011 χ^2/NDF:52087732.0/36

All: 9.514+/-0.011 χ^2/NDF: 98733294.0/68

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3925.559+/-1612.776 χ^2/NDF: 27.4/25

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

Right Out: 4929.877+/-1398.064 χ^2/NDF: 25.6/29

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

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

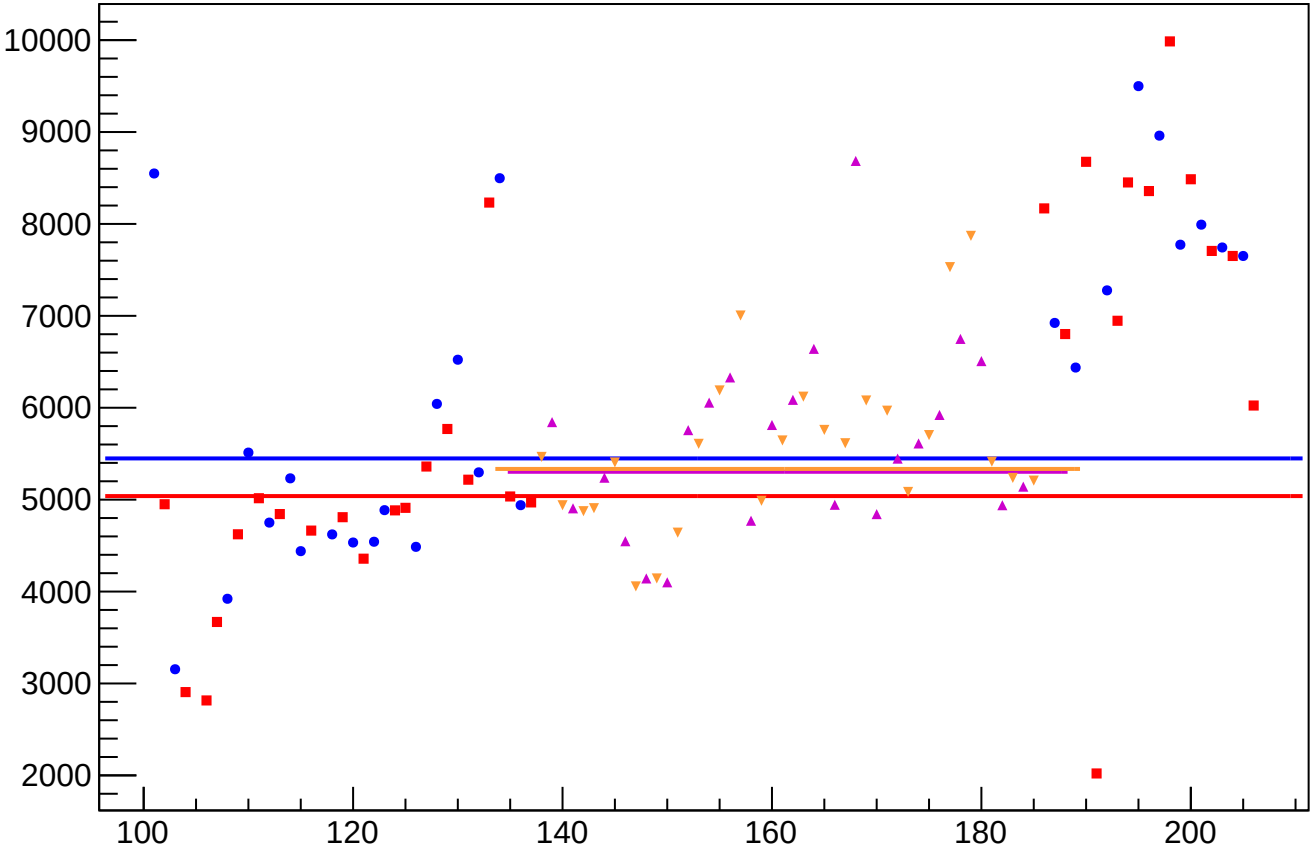
Right: 4498.976+/-1056.396 χ^2/NDF: 53.2/55

In: 3271.277+/-1004.585 χ^2/NDF:45.8/48

Out: 3089.695+/-938.462 χ^2/NDF:53.9/54

All: 3174.314+/-685.778 χ^2/NDF: 99.7/103

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 5448.556+/-1.140 χ^2/NDF: 2344073.9/25

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

Right Out: 5038.887+/-0.985 χ^2/NDF: 3865576.7/29

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

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

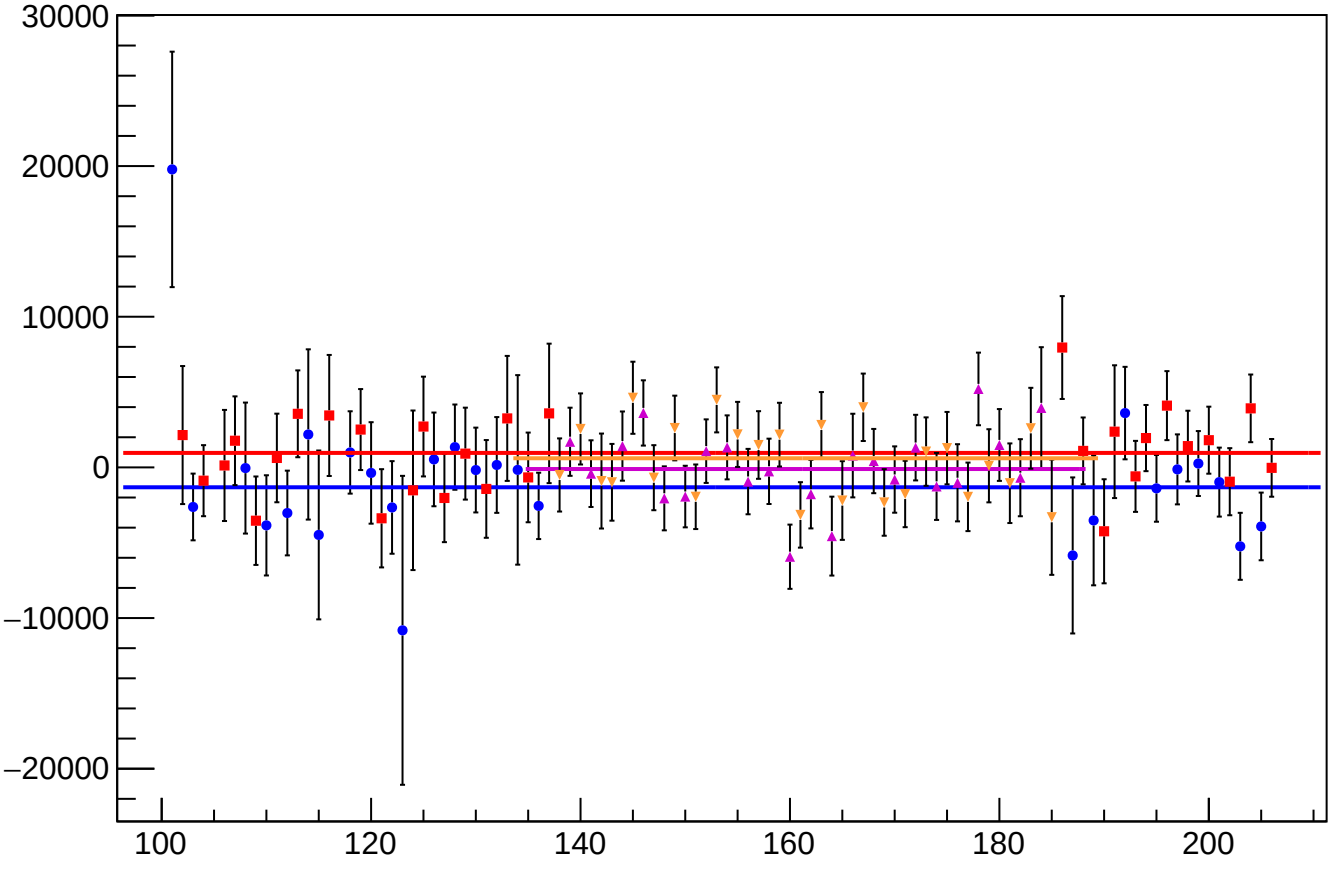
Right: 5213.890+/-0.745 χ^2/NDF: 6283571.1/55

In: 5359.671+/-0.710 χ^2/NDF:3314356.0/48

Out: 5200.590+/-0.662 χ^2/NDF:4780231.0/54

All: 5274.587+/-0.484 χ^2/NDF: 8121411.1/10

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1319.998+/-580.364 χ^2/NDF: 22.1/25

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

Right Out: 961.098+/-514.027 χ^2/NDF: 21.5/29

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

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

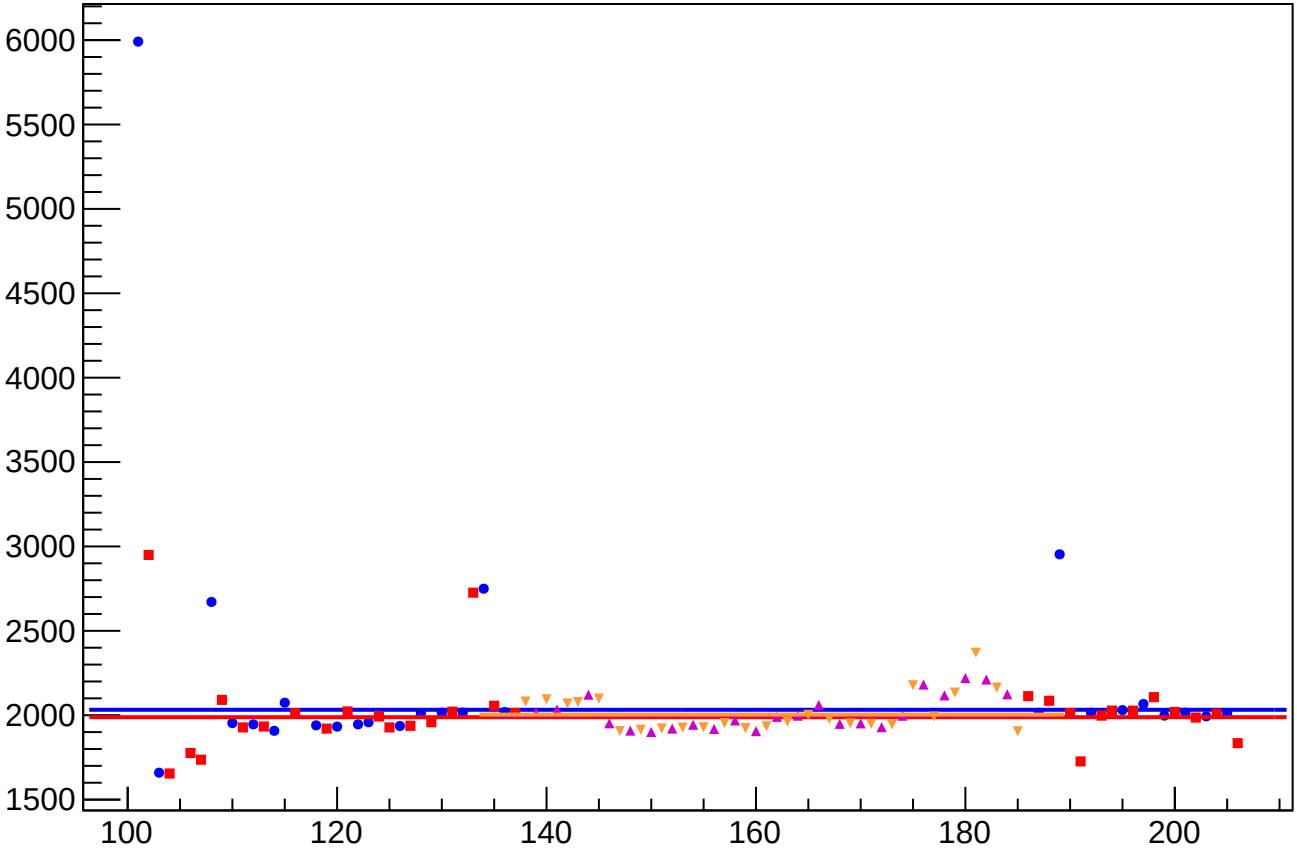
Right: -41.685+/-384.798 χ^2/NDF: 52.2/55

In: -597.955+/-368.920 χ^2/NDF:49.6/48

Out: 767.356+/-346.620 χ^2/NDF:47.0/54

All: 127.209+/-252.613 χ^2/NDF: 103.9/103

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2032.269+/-0.410 χ^2/NDF: 744561.4/25

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

Right Out: 1988.362+/-0.363 χ^2/NDF: 254897.6/29

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

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

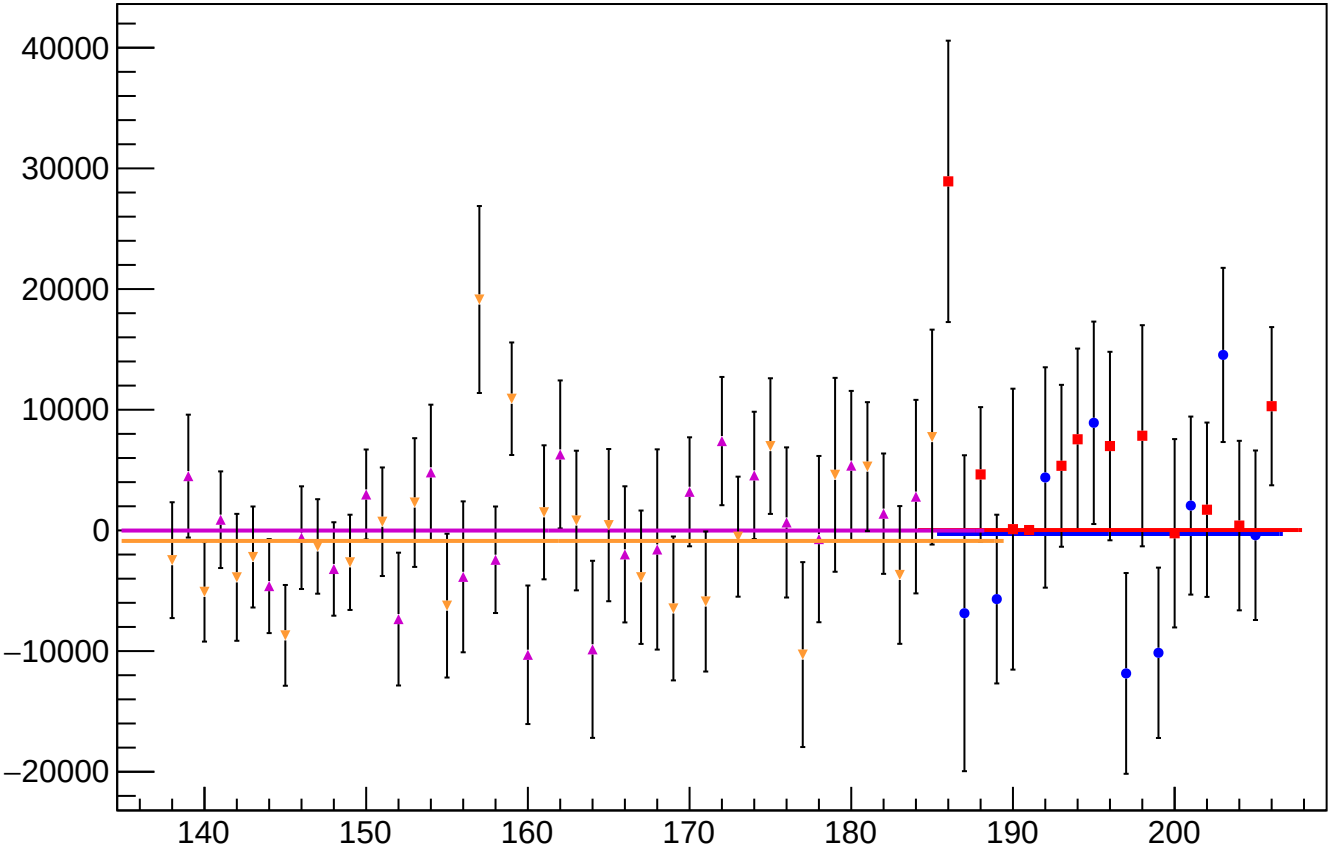
Right: 2007.653+/-0.272 χ^2/NDF: 1005876.7/55

In: 2013.110+/-0.261 χ^2/NDF:827907.7/48

Out: 1996.879+/-0.245 χ^2/NDF:355887.7/54

All: 2004.487+/-0.179 χ^2/NDF: 1185852.0/10

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: -296.620+/-2627.333 χ^2/NDF: 10.5/8

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

Right Out: 31.277+/-14.261 χ^2/NDF: 12.5/11

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

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

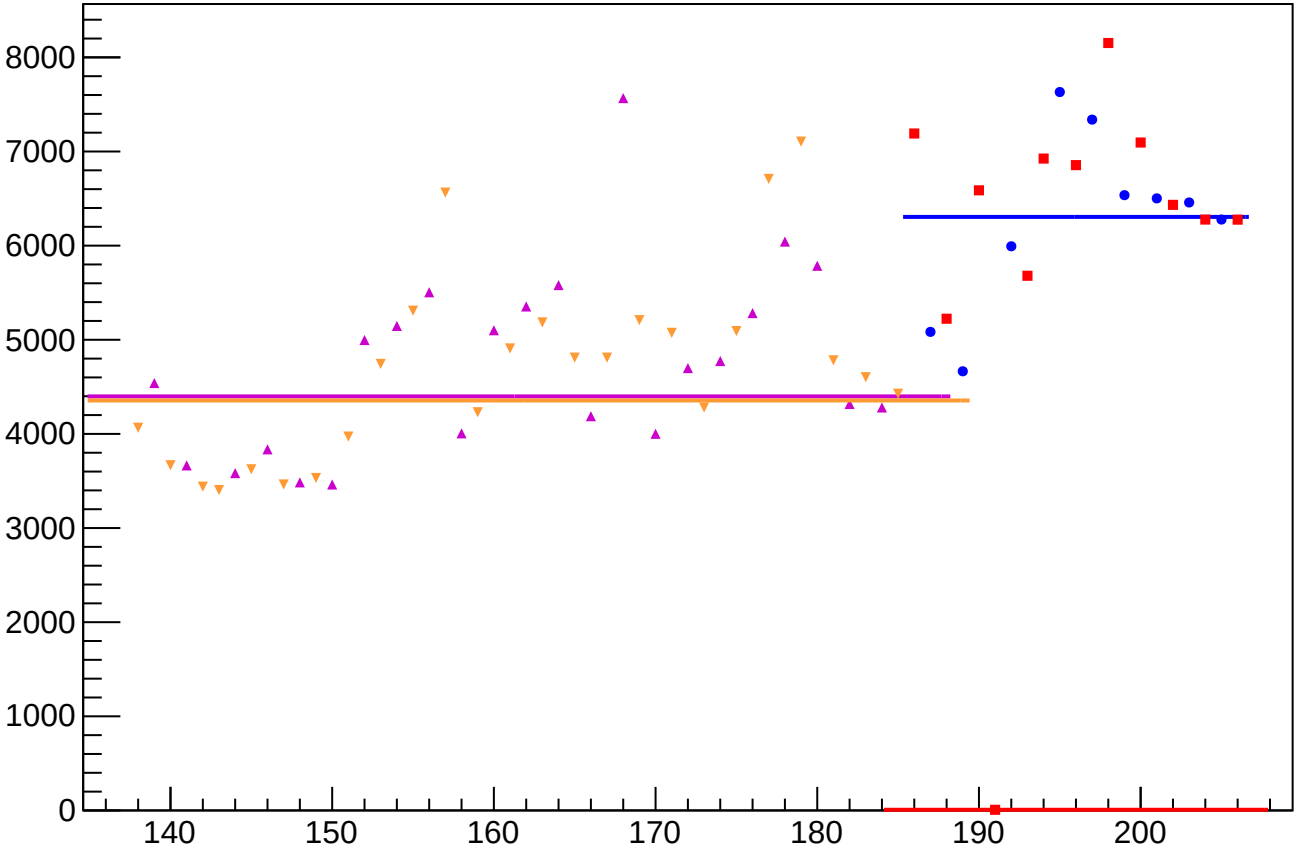
Right: 31.267+/-14.260 χ^2/NDF: 23.0/20

In: -51.603+/-991.176 χ^2/NDF:27.7/31

Out: 31.108+/-14.259 χ^2/NDF:41.6/36

All: 31.091+/-14.258 χ^2/NDF: 69.3/68

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 6305.185+/-1.858 χ^2/NDF: 215183.5/8

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

Right Out: 7.321+/-0.010 χ^2/NDF: 16046020.1/11

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

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

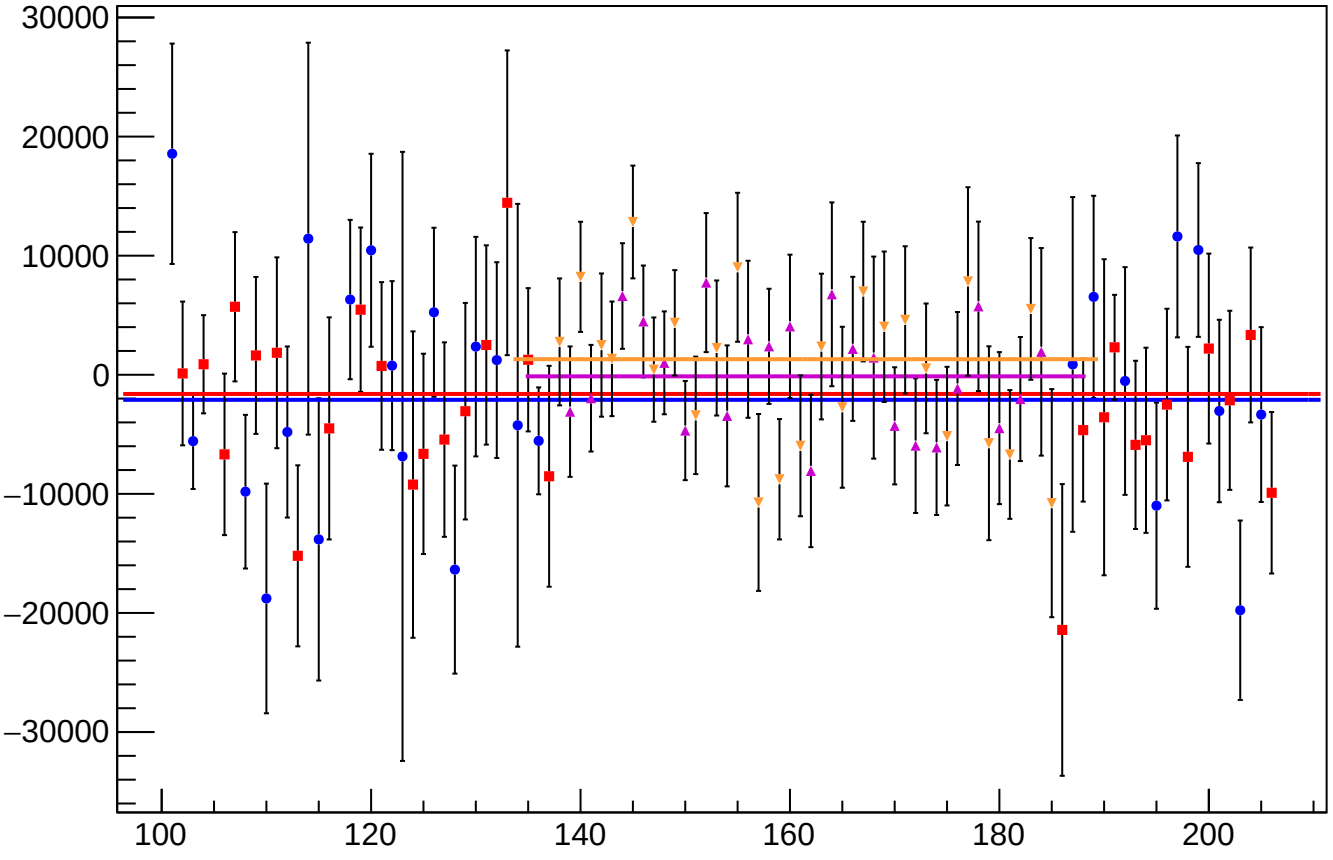
Right: 7.507+/-0.010 χ^2/NDF: 27752619.8/20

In: 4669.795+/-0.701 χ^2/NDF:2397446.7/31

Out: 8.133+/-0.010 χ^2/NDF:52118996.1/36

All: 9.098+/-0.010 χ^2/NDF: 98746763.6/68

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2103.576+/-1509.727 χ^2/NDF: 34.2/25

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

Right Out: -1611.383+/-1315.251 χ^2/NDF: 17.6/29

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

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

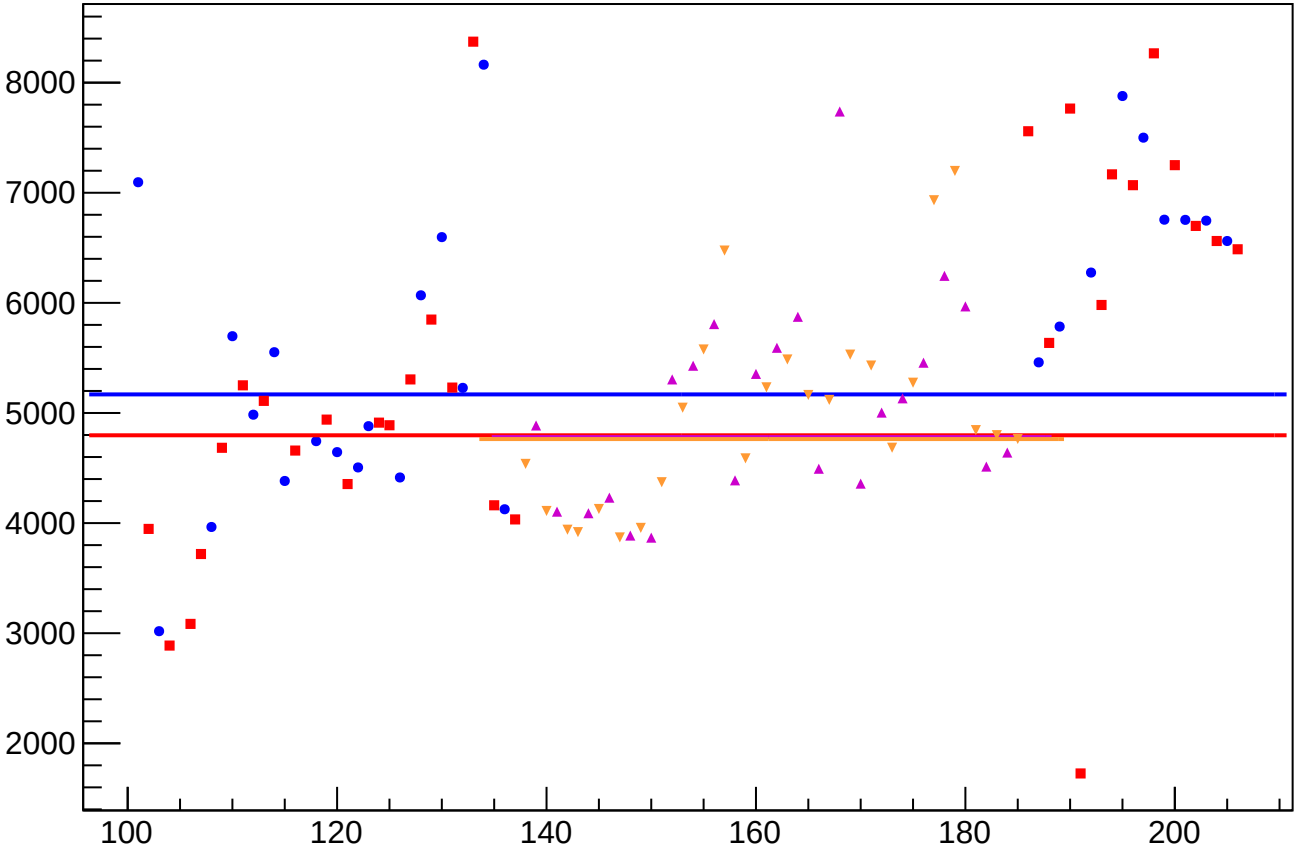
Right: -1823.756+/-991.700 χ^2/NDF: 51.9/55

In: -861.357+/-918.478 χ^2/NDF:50.1/48

Out: 65.489+/-857.814 χ^2/NDF:48.6/54

All: -366.317+/-626.916 χ^2/NDF: 99.3/103

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 5168.762+/-1.068 χ^2/NDF: 1757490.1/25

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

Right Out: 4797.409+/-0.927 χ^2/NDF: 3382805.5/29

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

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

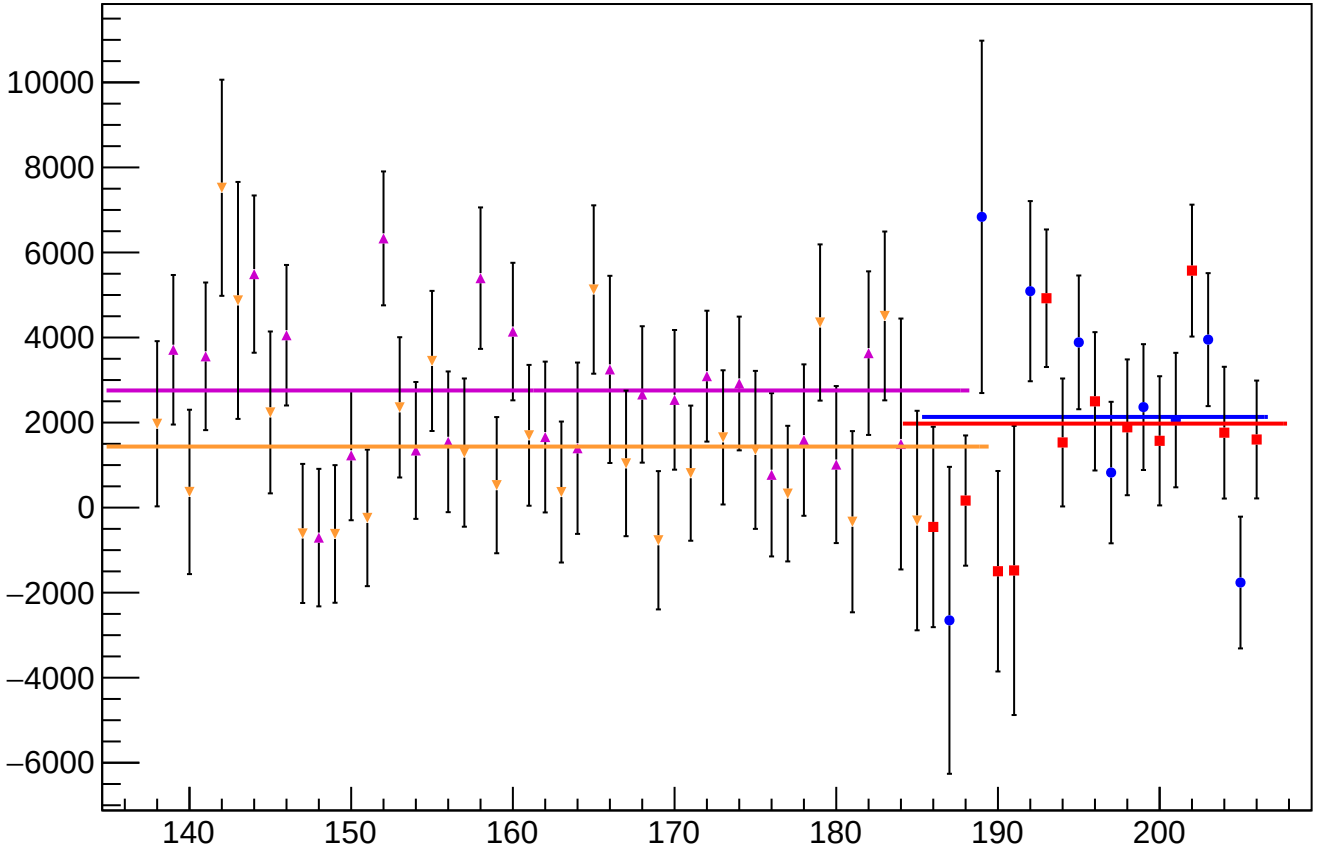
Right: 4957.027+/-0.700 χ^2/NDF: 5209289.9/55

In: 4924.626+/-0.649 χ^2/NDF:2792062.8/48

Out: 4777.802+/-0.606 χ^2/NDF:4325443.3/54

All: 4846.101+/-0.443 χ^2/NDF: 7144840.0/10

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2132.375+/-597.019 χ^2/NDF: 14.6/8

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

Right Out: 1975.248+/-484.881 χ^2/NDF: 14.7/11

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

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

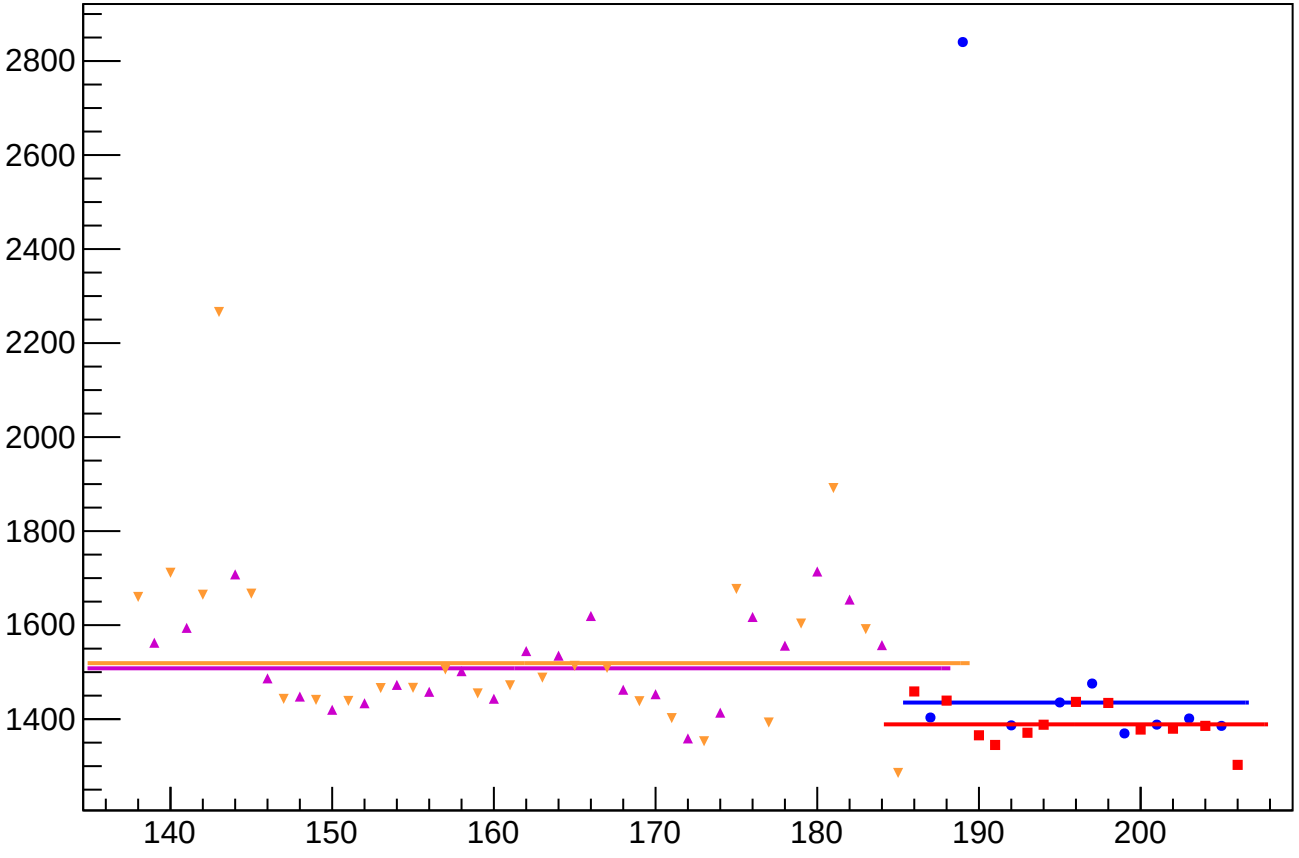
Right: 2037.698+/-376.384 χ^2/NDF: 29.3/20

In: 2587.766+/-309.337 χ^2/NDF:37.7/31

Out: 1626.050+/-288.098 χ^2/NDF:42.3/36

All: 2072.762+/-210.825 χ^2/NDF: 85.1/68

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1435.279+/-0.422 χ^2/NDF: 241082.0/8

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

Right Out: 1388.912+/-0.343 χ^2/NDF: 15985.8/11

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

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

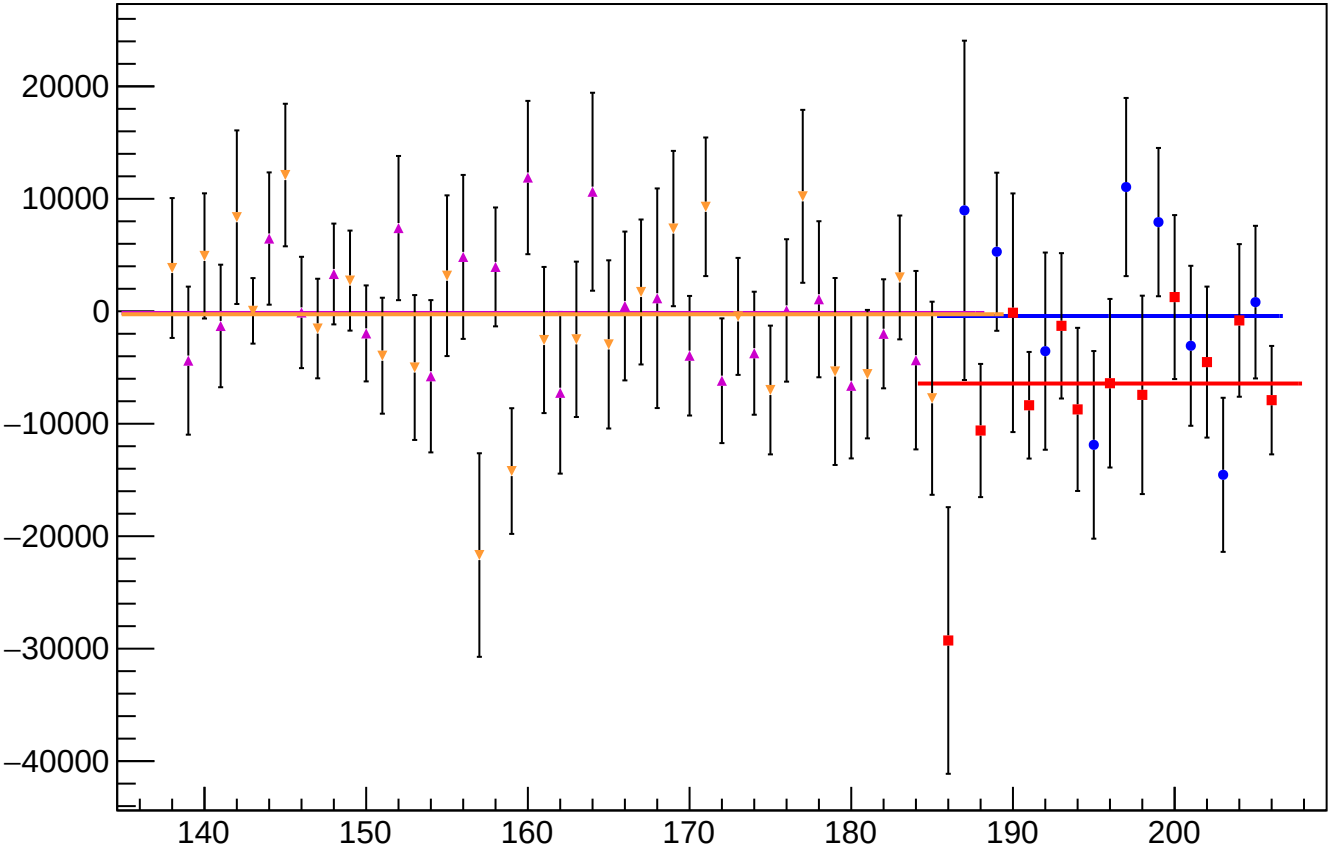
Right: 1407.340+/-0.266 χ^2/NDF: 264336.6/20

In: 1488.558+/-0.219 χ^2/NDF:394344.8/31

Out: 1473.134+/-0.204 χ^2/NDF:475094.1/36

All: 1480.299+/-0.149 χ^2/NDF: 872101.6/68

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -420.542+/-2550.380 χ^2/NDF: 11.2/8

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

Right Out: -6424.291+/-1930.387 χ^2/NDF: 7.4/11

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

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

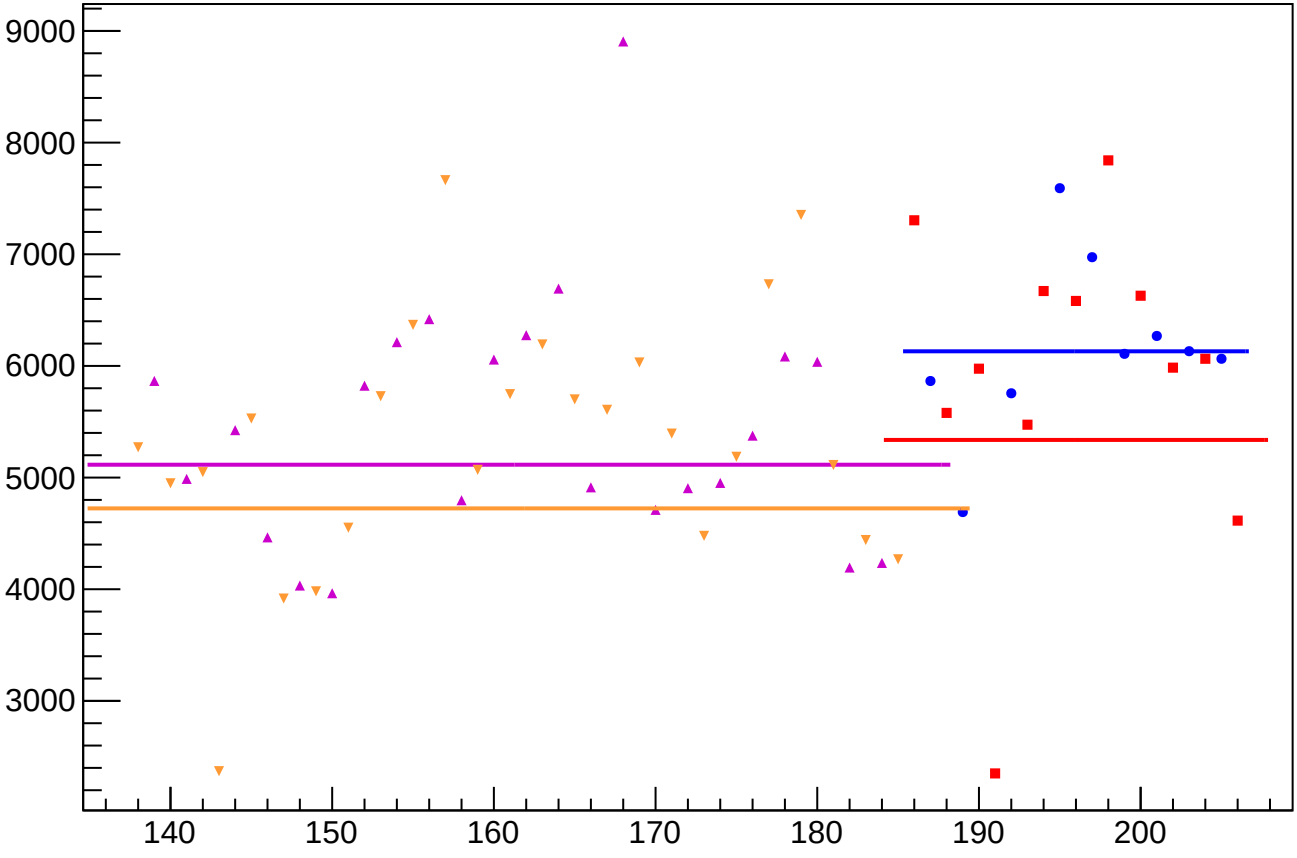
Right: -4237.536+/-1539.195 χ^2/NDF: 22.2/20

In: -202.849+/-1116.485 χ^2/NDF:26.0/31

Out: -1880.175+/-988.680 χ^2/NDF:44.7/36

All: -1142.969+/-740.182 χ^2/NDF: 72.0/68

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 6130.870+/-1.803 χ^2/NDF: 173143.0/8

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

Right Out: 5337.185+/-1.365 χ^2/NDF: 1293468.9/11

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

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

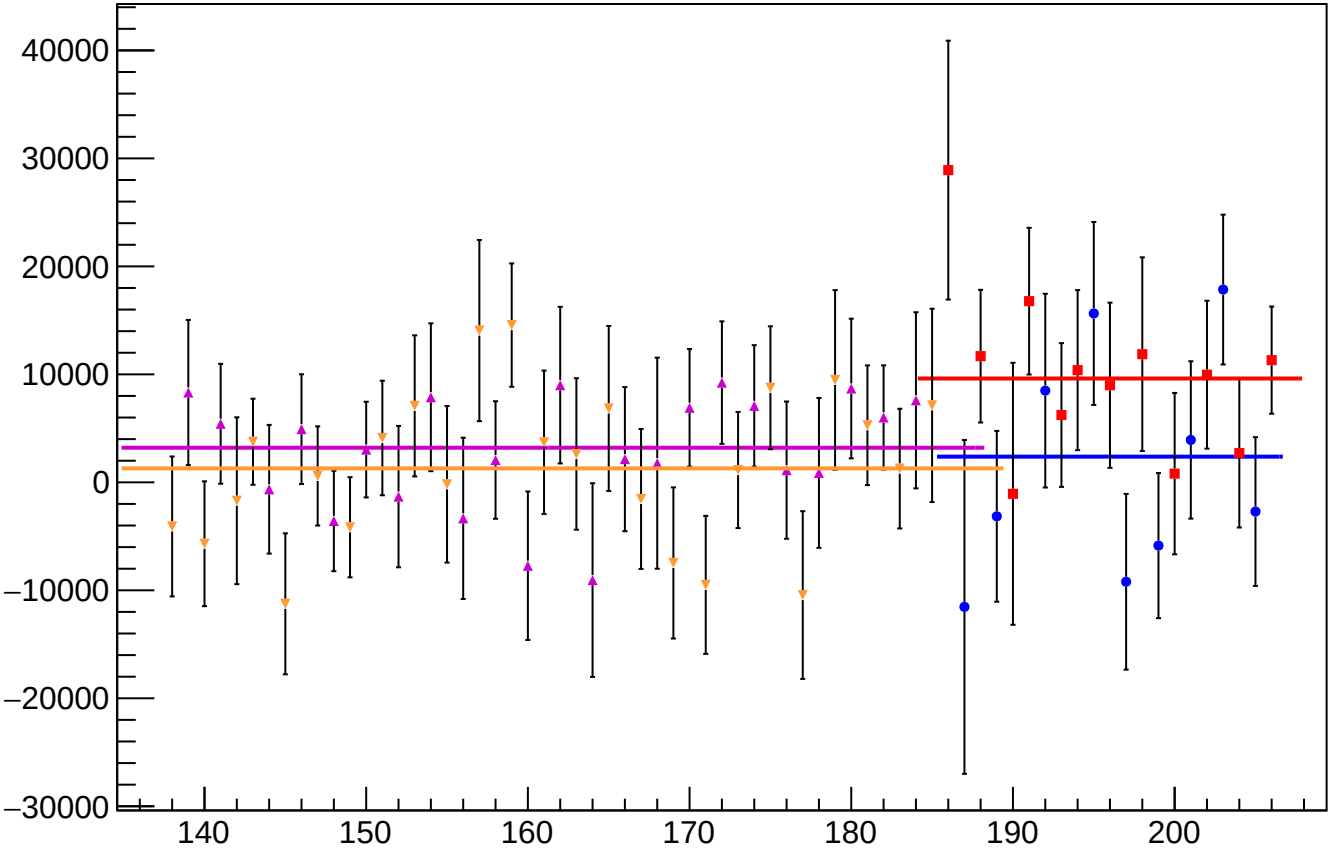
Right: 5626.270+/-1.088 χ^2/NDF: 1589756.6/20

In: 5309.798+/-0.789 χ^2/NDF:1560926.6/31

Out: 4884.867+/-0.699 χ^2/NDF:3979853.8/36

All: 5071.630+/-0.523 χ^2/NDF: 5703158.1/68

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2379.898+/-2631.262 χ^2/NDF: 13.3/8

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

Right Out: 9616.314+/-2071.135 χ^2/NDF: 7.4/11

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

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

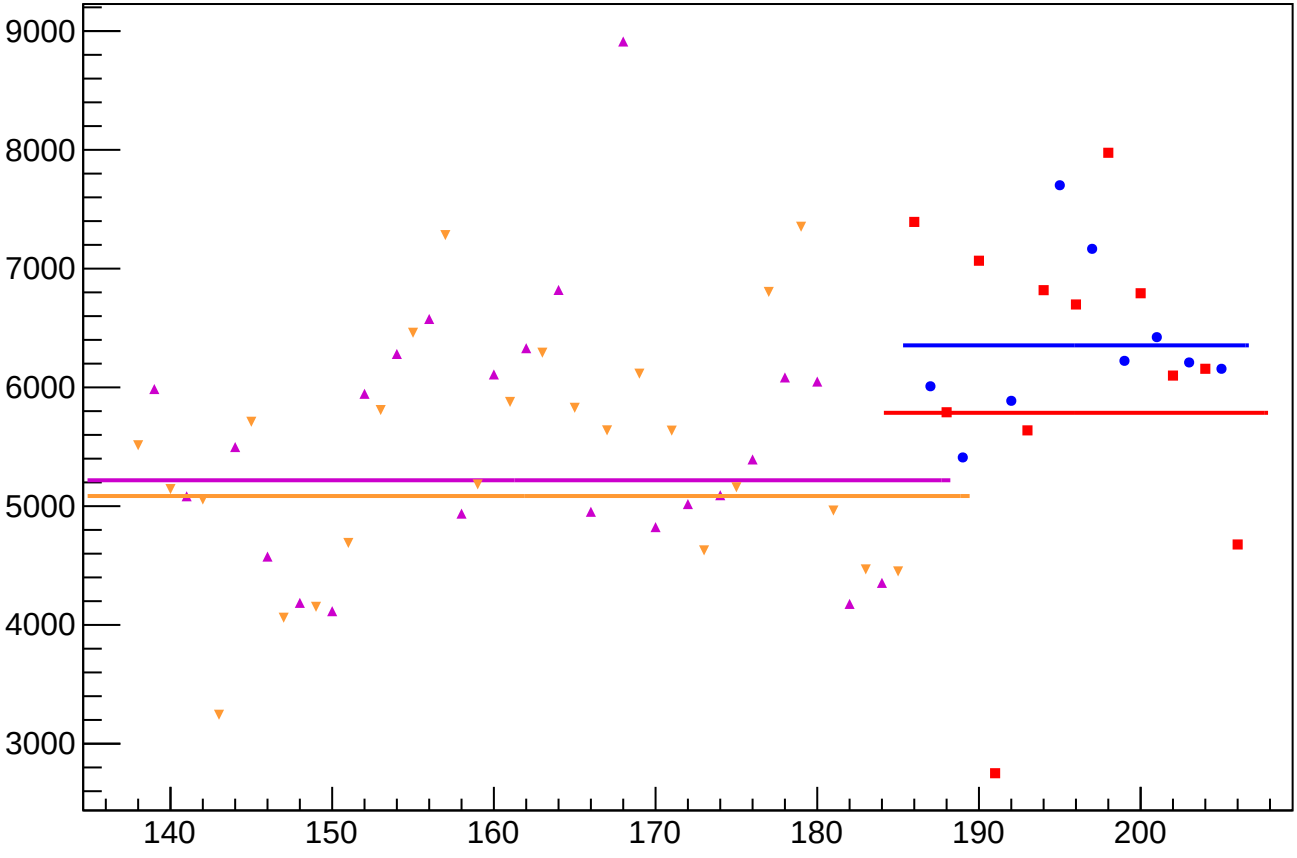
Right: 6848.014+/-1627.455 χ^2/NDF: 25.4/20

In: 3050.276+/-1140.519 χ^2/NDF:27.2/31

Out: 3425.445+/-1048.471 χ^2/NDF:47.3/36

All: 3253.609+/-771.874 χ^2/NDF: 74.6/68

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 6353.842+/-1.861 χ^2/NDF: 108882.6/8

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

Right Out: 5785.935+/-1.464 χ^2/NDF: 790969.3/11

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

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

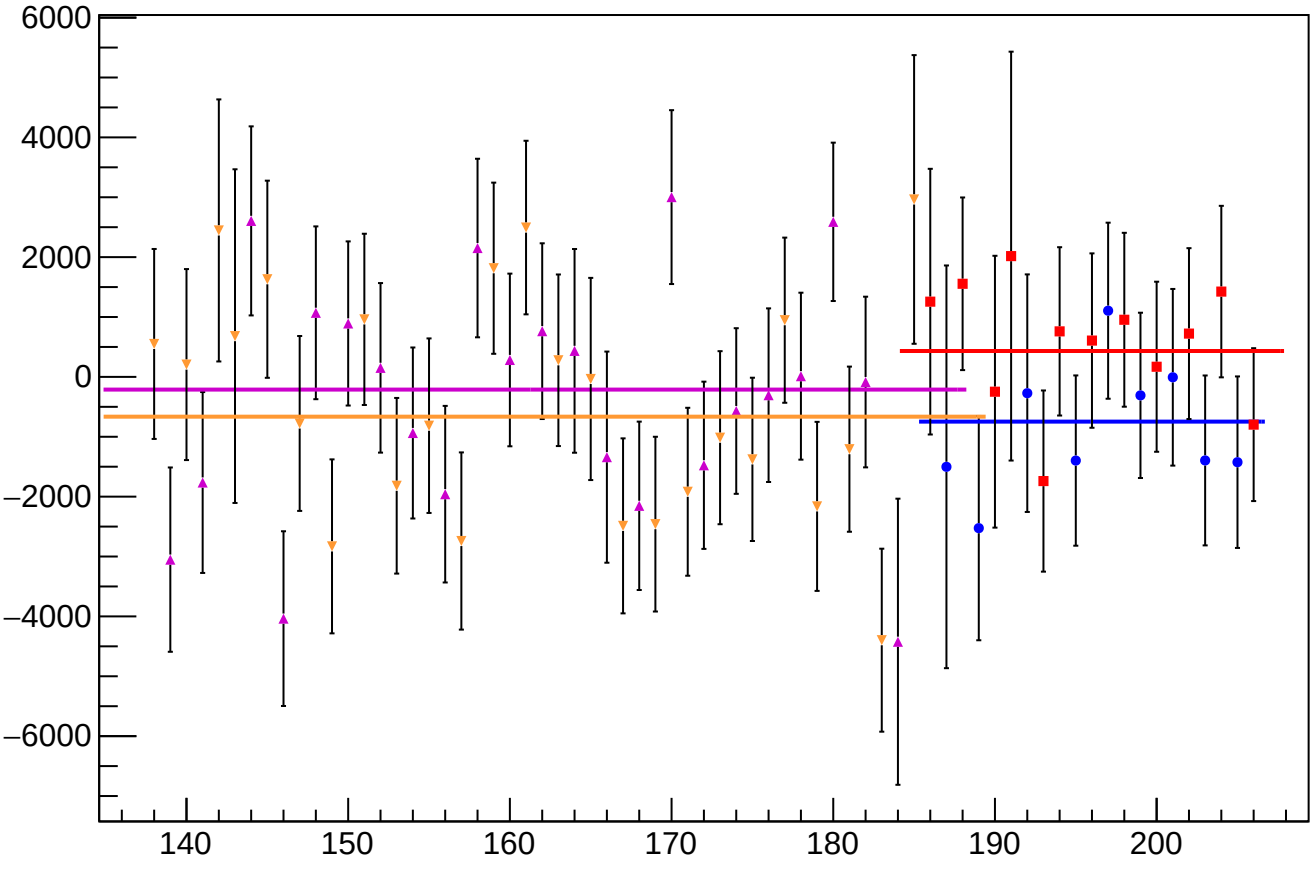
Right: 6003.173+/-1.151 χ^2/NDF: 957379.4/20

In: 5431.377+/-0.806 χ^2/NDF:1470556.5/31

Out: 5264.871+/-0.741 χ^2/NDF:2317900.0/36

All: 5341.134+/-0.546 χ^2/NDF: 3811559.4/68

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -746.985+/-530.482 χ^2/NDF: 3.6/8

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

Right Out: 432.303+/-449.863 χ^2/NDF: 4.8/11

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

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

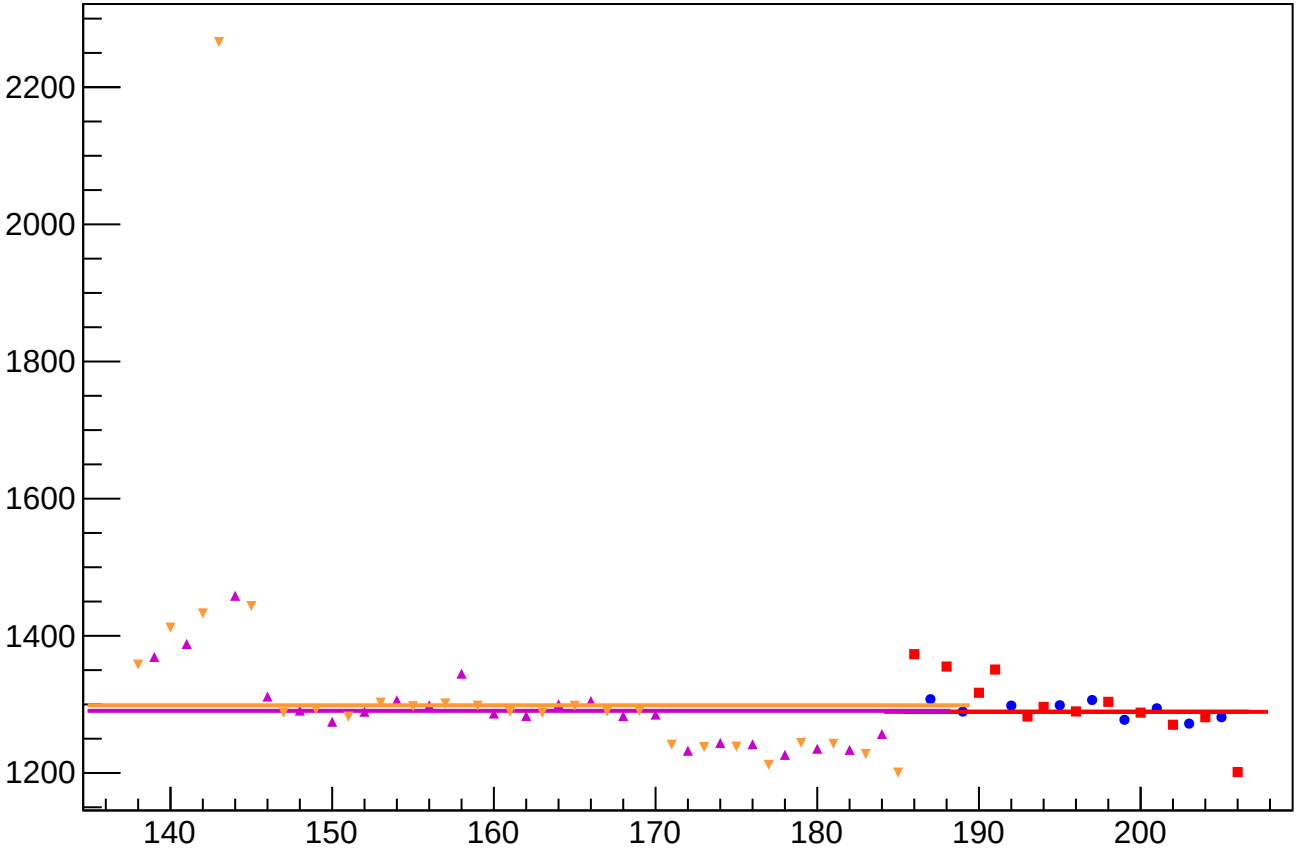
Right: -61.013+/-343.102 χ^2/NDF: 11.3/20

In: -347.321+/-266.746 χ^2/NDF:41.0/31

Out: -318.826+/-252.516 χ^2/NDF:43.5/36

All: -332.293+/-183.380 χ^2/NDF: 84.5/68

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1289.367+/-0.375 χ^2/NDF: 991.6/8

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

Right Out: 1289.158+/-0.318 χ^2/NDF: 18183.7/11

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

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

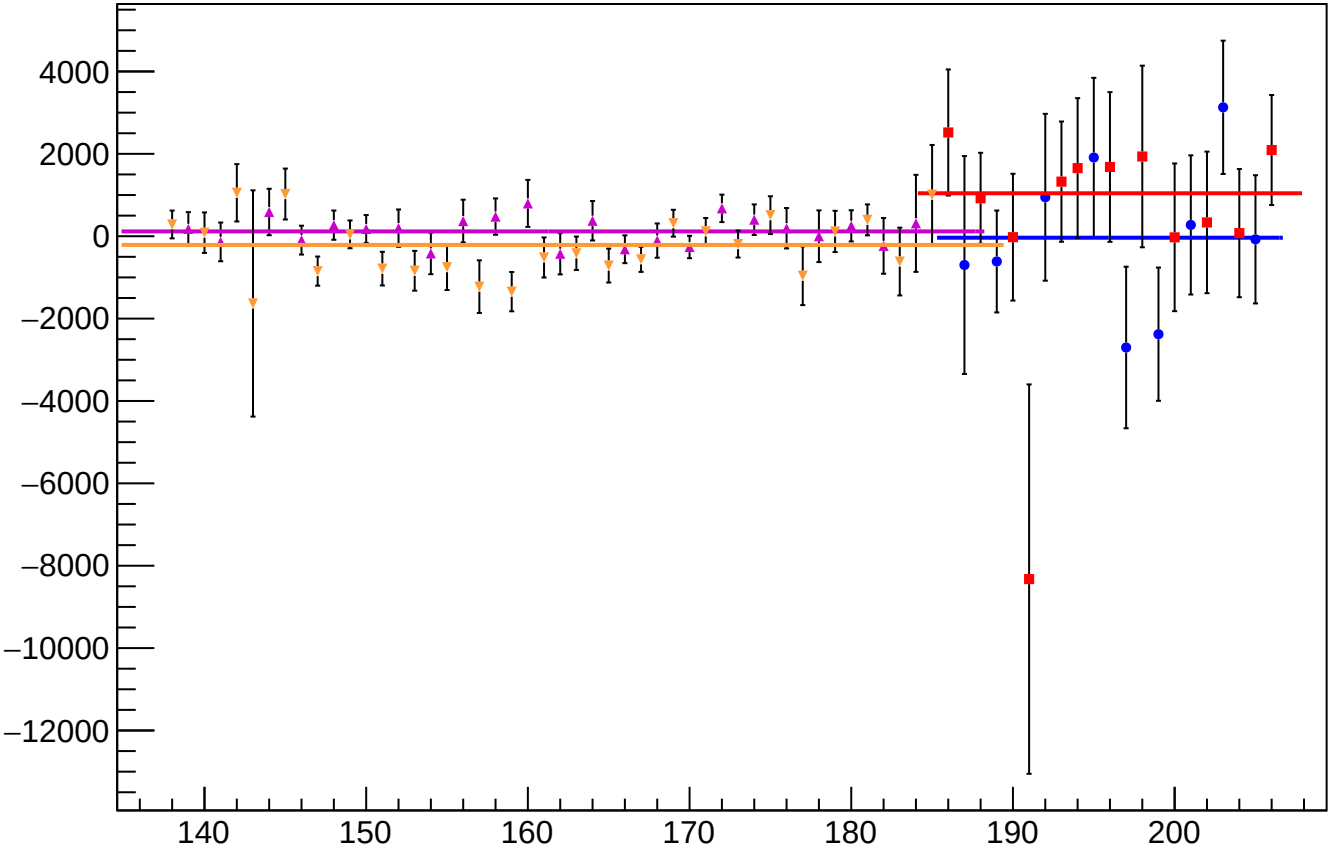
Right: 1289.246+/-0.243 χ^2/NDF: 19175.5/20

In: 1290.321+/-0.189 χ^2/NDF:60428.0/31

Out: 1295.723+/-0.179 χ^2/NDF:329150.4/36

All: 1293.170+/-0.130 χ^2/NDF: 390011.0/68

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -36.075+/-568.474 χ^2/NDF: 9.3/8

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

Right Out: 1042.657+/-463.207 χ^2/NDF: 7.3/11

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

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

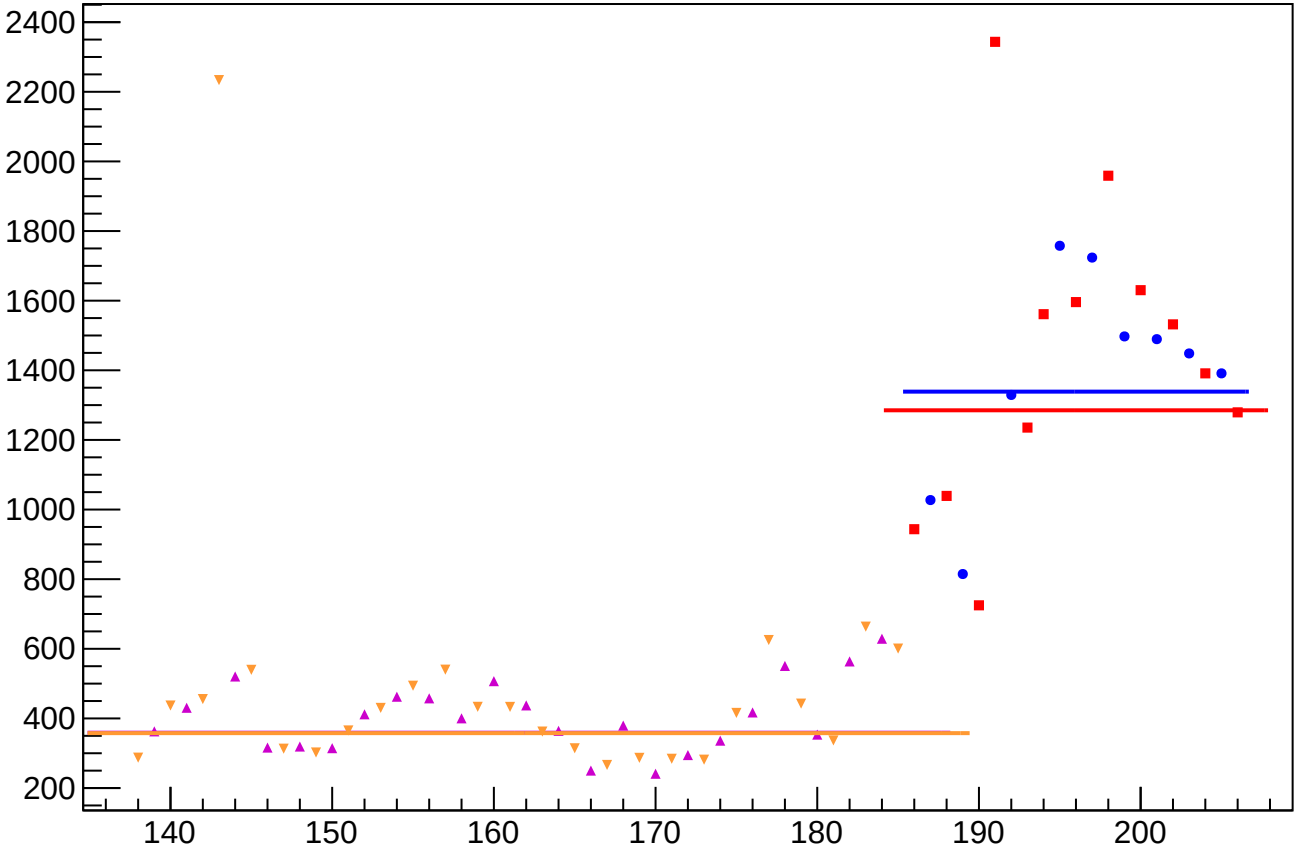
Right: 612.225+/-359.093 χ^2/NDF: 18.8/20

In: 113.511+/-87.171 χ^2/NDF:23.7/31

Out: -168.268+/-86.140 χ^2/NDF:56.1/36

All: -29.054+/-61.272 χ^2/NDF: 85.1/68

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 1338.716+/-0.402 χ^2/NDF: 603973.9/8

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

Right Out: 1285.096+/-0.328 χ^2/NDF: 989045.8/11

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

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

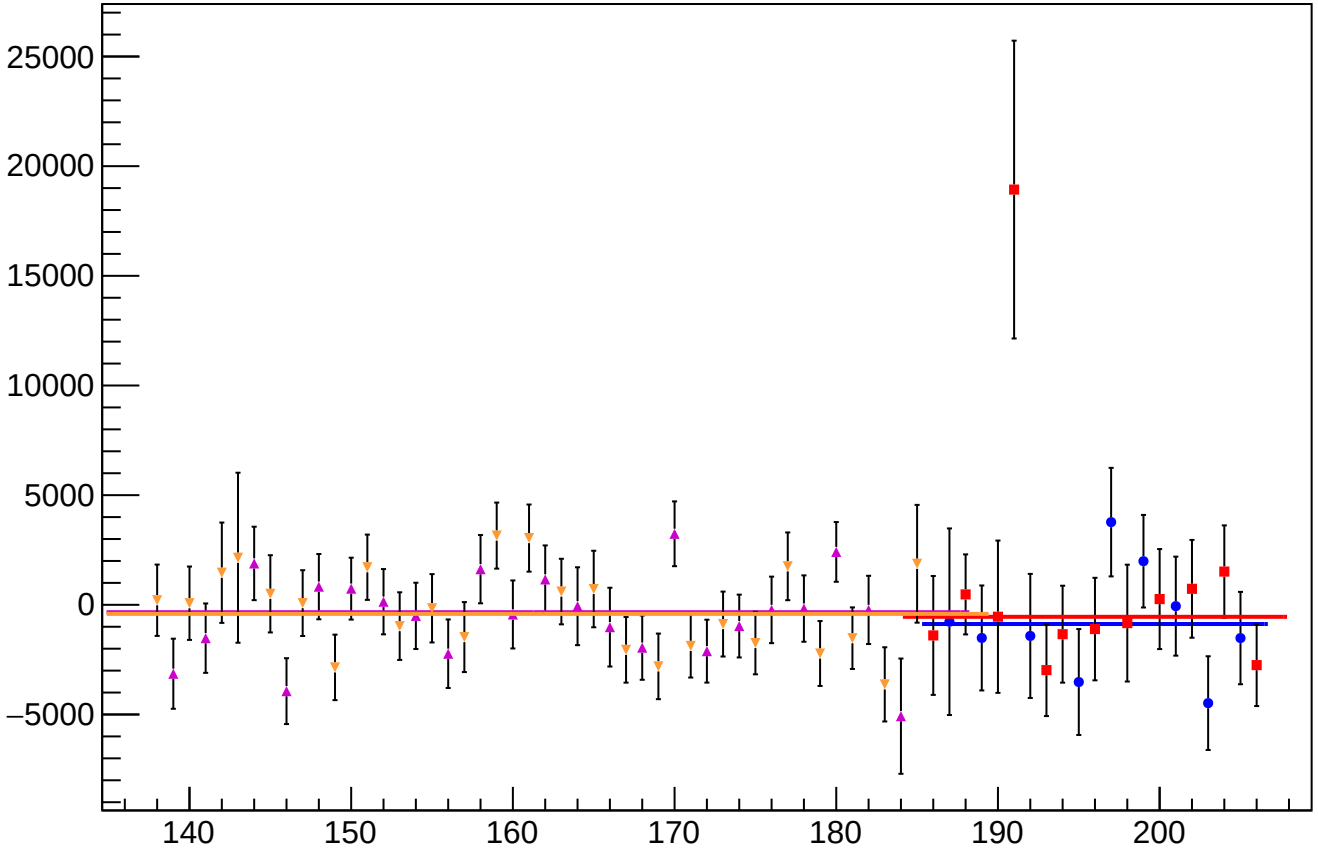
Right: 1306.491+/-0.254 χ^2/NDF: 1603713.2/20

In: 382.037+/-0.062 χ^2/NDF:8263445.9/31

Out: 389.820+/-0.061 χ^2/NDF:11769990.5/36

All: 385.975+/-0.043 χ^2/NDF: 20041502.4/68

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -875.037+/-801.874 χ^2/NDF: 9.7/8

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

Right Out: -546.312+/-673.643 χ^2/NDF: 13.0/11

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

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

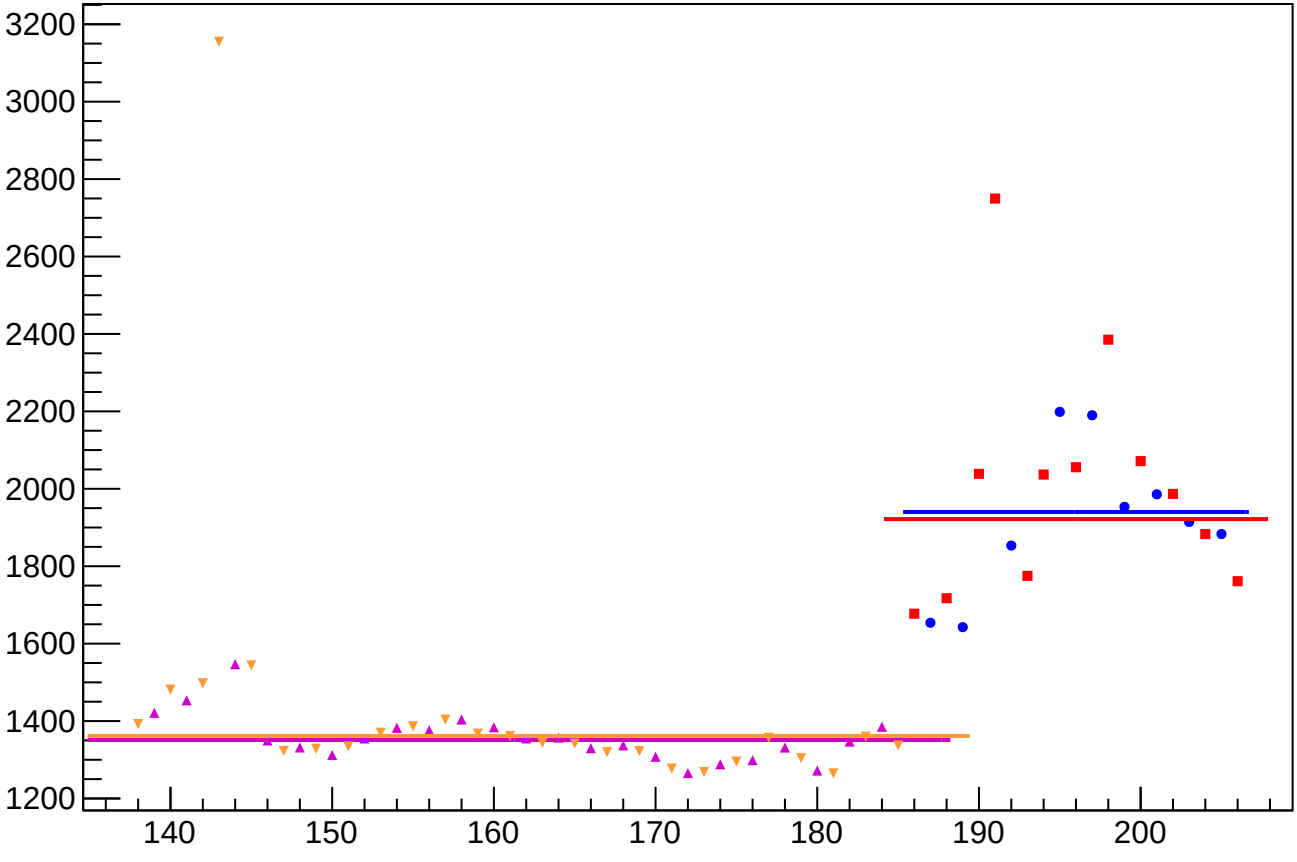
Right: -682.321+/-515.790 χ^2/NDF: 22.8/20

In: -412.286+/-299.626 χ^2/NDF:42.9/31

Out: -437.960+/-289.544 χ^2/NDF:45.8/36

All: -425.563+/-208.211 χ^2/NDF: 88.7/68

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1940.077+/-0.567 χ^2/NDF: 87831.5/8

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

Right Out: 1921.785+/-0.476 χ^2/NDF: 181510.6/11

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

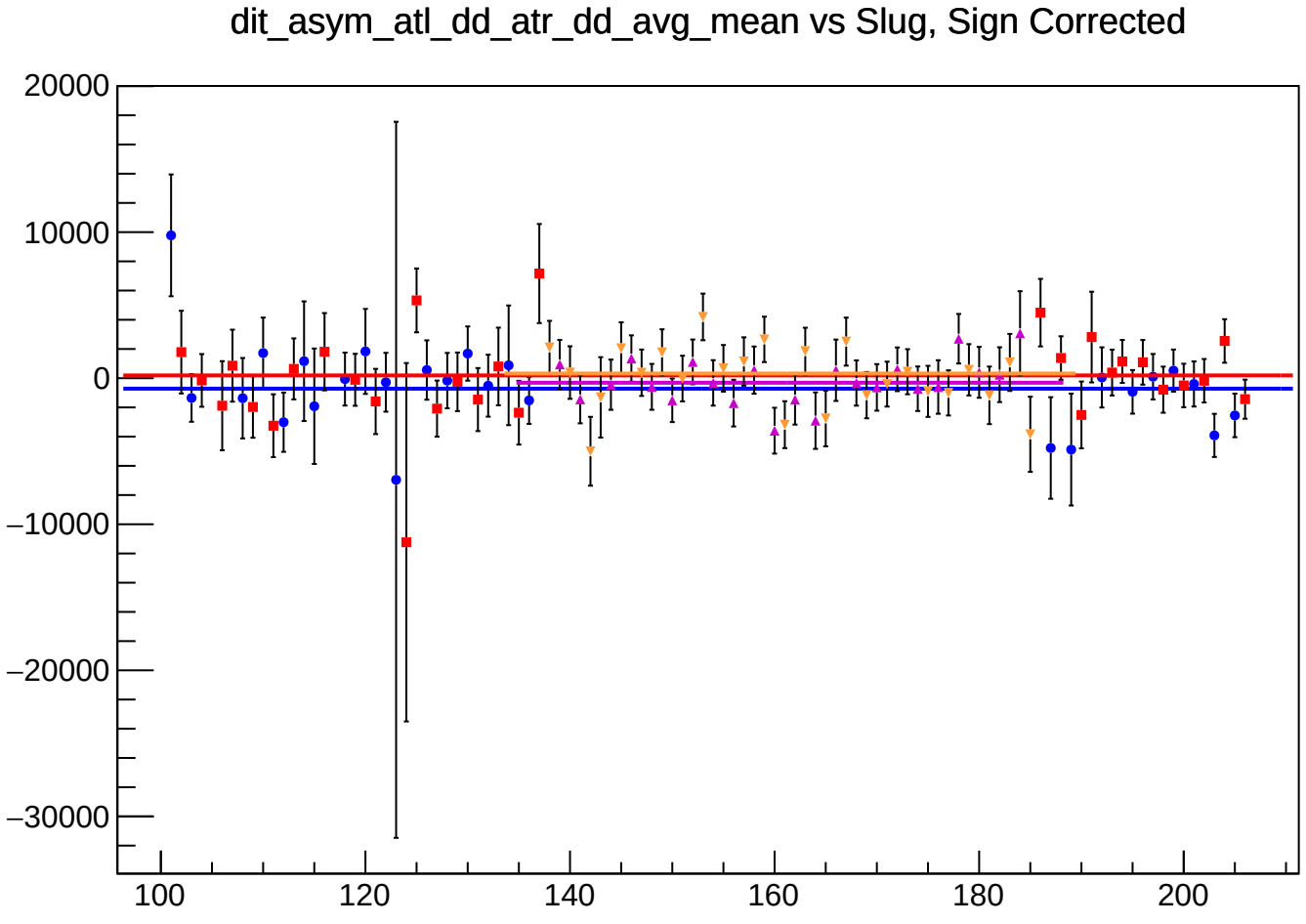
Left: 1356.300+/-0.161 χ^2/NDF: 577911.7/47

Right: 1929.353+/-0.365 χ^2/NDF: 269952.3/20

In: 1433.257+/-0.212 χ^2/NDF:1085422.2/31

Out: 1465.019+/-0.205 χ^2/NDF:1817281.8/36

All: 1449.681+/-0.147 χ^2/NDF: 2914325.2/68



Right In: -716.999+/-398.152 χ^2/NDF: 22.7/25

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

Right Out: 190.087+/-354.316 χ^2/NDF: 31.3/29

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

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

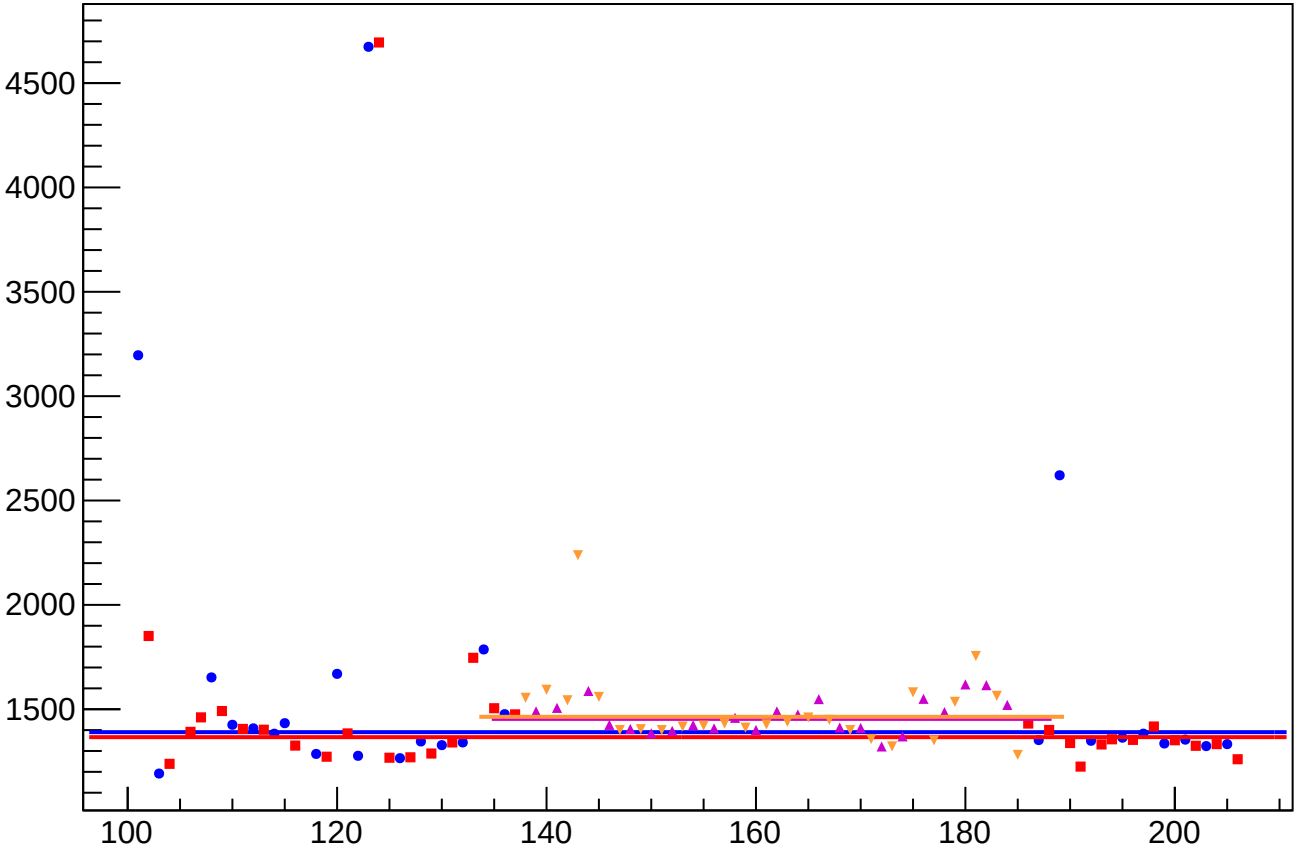
Right: -210.791+/-264.686 χ^2/NDF: 56.9/55

In: -486.906+/-262.146 χ^2/NDF:40.1/48

Out: 256.871+/-247.048 χ^2/NDF:63.8/54

All: -92.983+/-179.790 χ^2/NDF: 108.2/103

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1390.099+/-0.282 χ^2/NDF: 746695.3/25

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

Right Out: 1366.218+/-0.250 χ^2/NDF: 322672.2/29

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

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

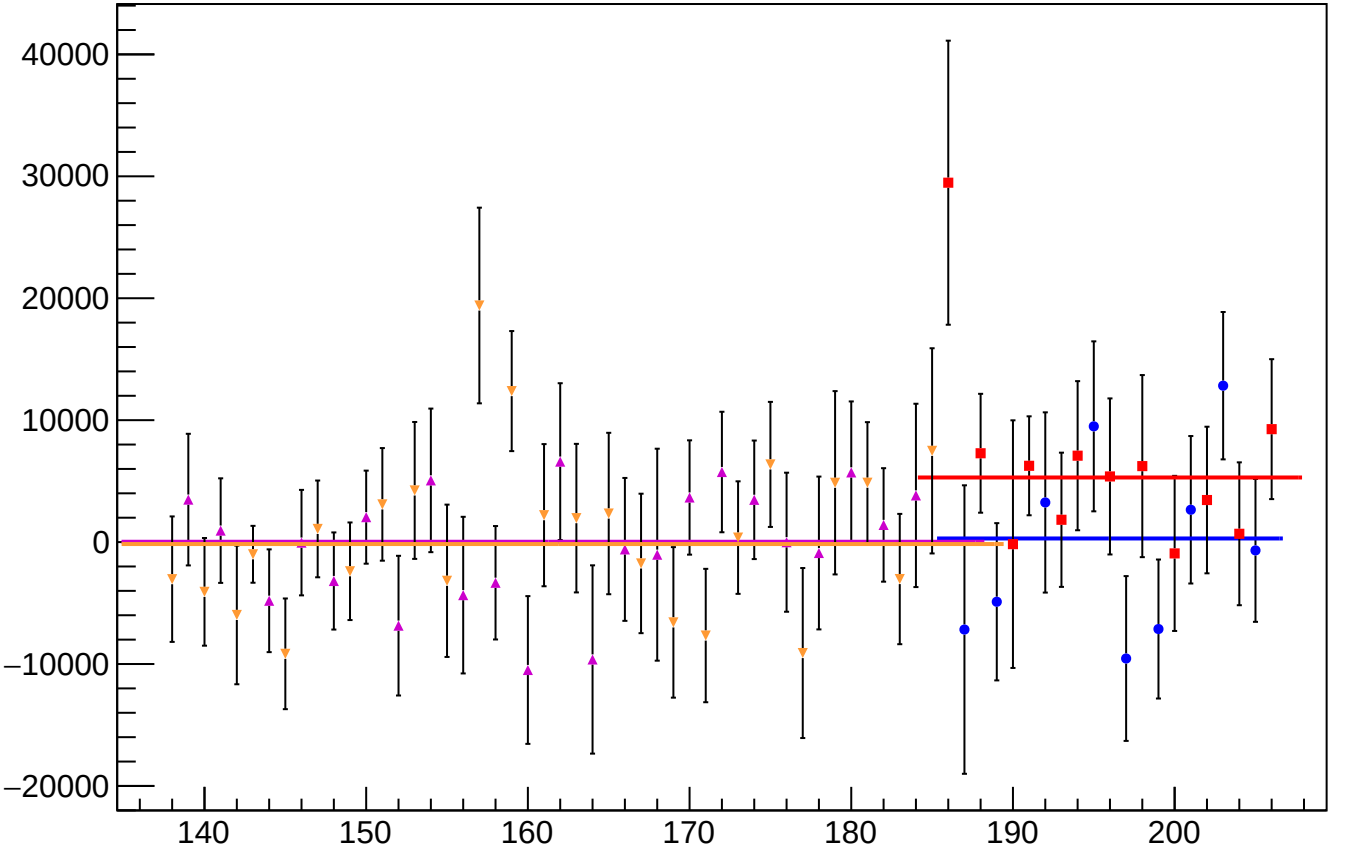
Right: 1376.769+/-0.187 χ^2/NDF: 1073383.8/55

In: 1426.165+/-0.185 χ^2/NDF:874887.2/48

Out: 1416.303+/-0.175 χ^2/NDF:710995.7/54

All: 1420.941+/-0.127 χ^2/NDF: 1587382.2/10

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 297.036+/-2200.068 χ^2/NDF: 11.2/8

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

Right Out: 5298.805+/-1730.720 χ^2/NDF: 7.5/11

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

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

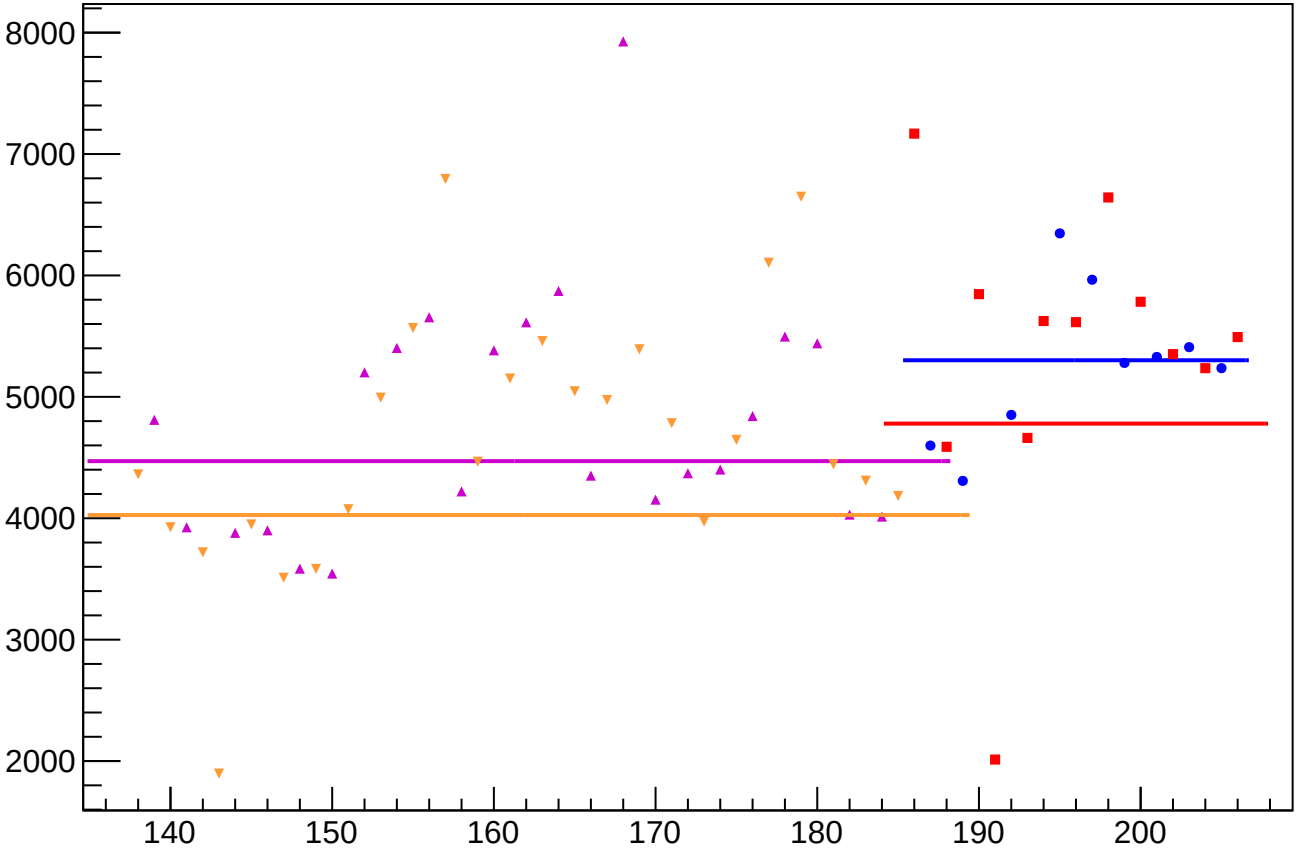
Right: 3386.751+/-1360.268 χ^2/NDF: 21.9/20

In: 79.801+/-973.398 χ^2/NDF:26.5/31

Out: 1184.363+/-858.916 χ^2/NDF:44.7/36

All: 700.826+/-644.036 χ^2/NDF: 72.0/68

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 5301.439+/-1.556 χ^2/NDF: 127122.8/8

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

Right Out: 4779.568+/-1.224 χ^2/NDF: 1347753.8/11

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

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

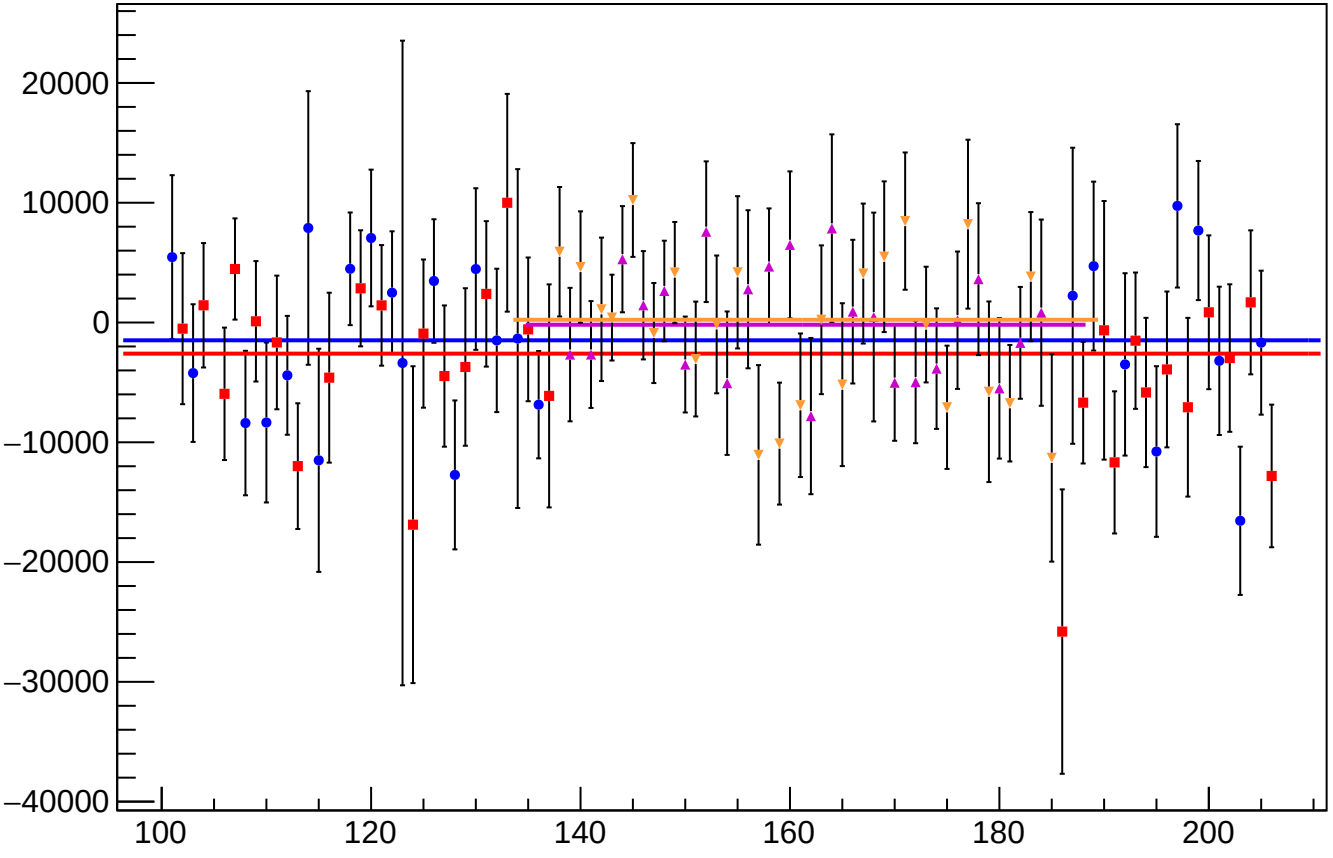
Right: 4979.067+/-0.962 χ^2/NDF: 1544391.5/20

In: 4633.151+/-0.688 χ^2/NDF:1489071.9/31

Out: 4211.933+/-0.607 χ^2/NDF:4704455.9/36

All: 4396.327+/-0.455 χ^2/NDF: 6404090.1/68

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1485.824+/-1250.371 χ^2/NDF: 30.5/25

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

Right Out: -2598.812+/-1110.574 χ^2/NDF: 24.9/29

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

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

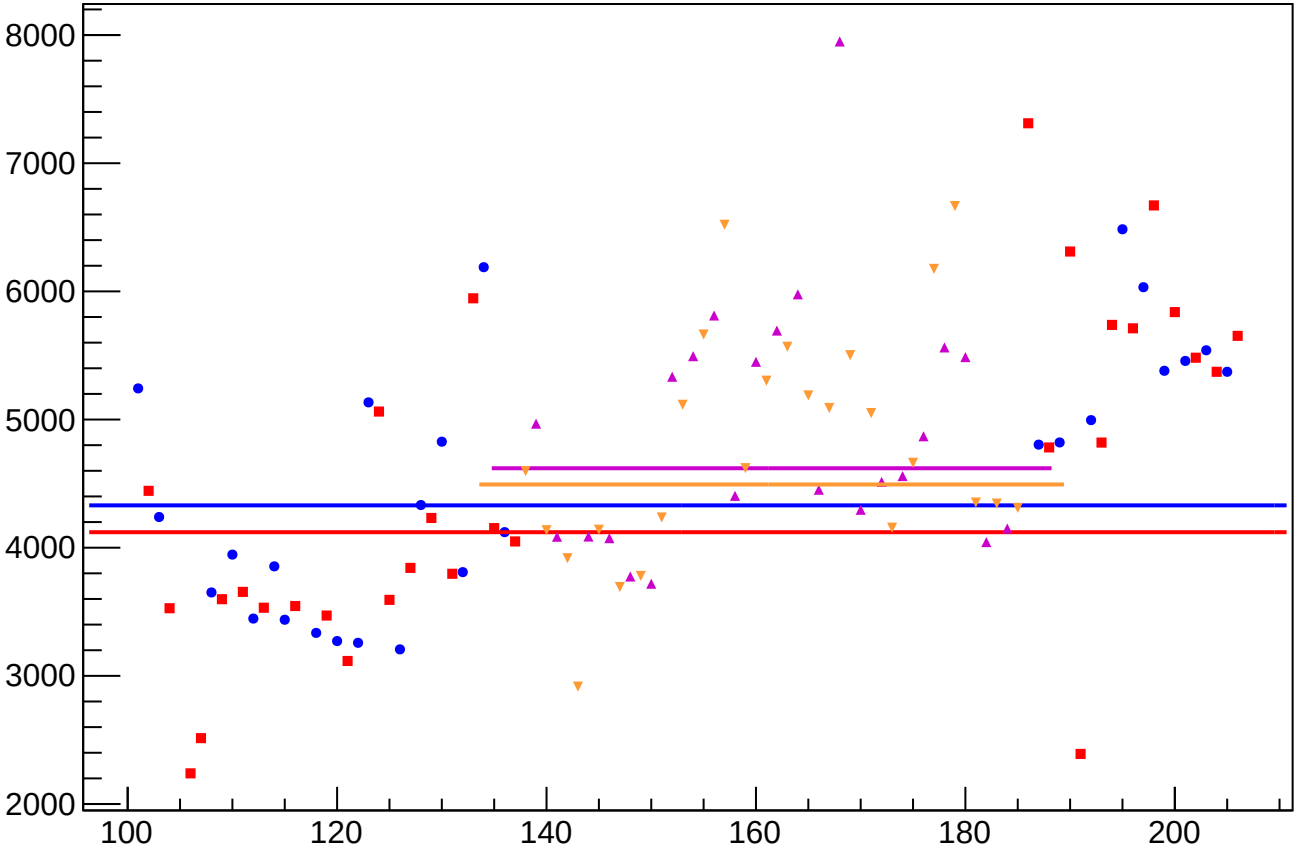
Right: -2107.990+/-830.339 χ^2/NDF: 55.8/55

In: -763.834+/-833.965 χ^2/NDF:45.4/48

Out: -1136.492+/-771.864 χ^2/NDF:56.4/54

All: -964.553+/-566.474 χ^2/NDF: 101.8/103

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4330.346+/-0.884 χ^2/NDF: 1164660.3/25

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

Right Out: 4120.976+/-0.781 χ^2/NDF: 2335693.1/29

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

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

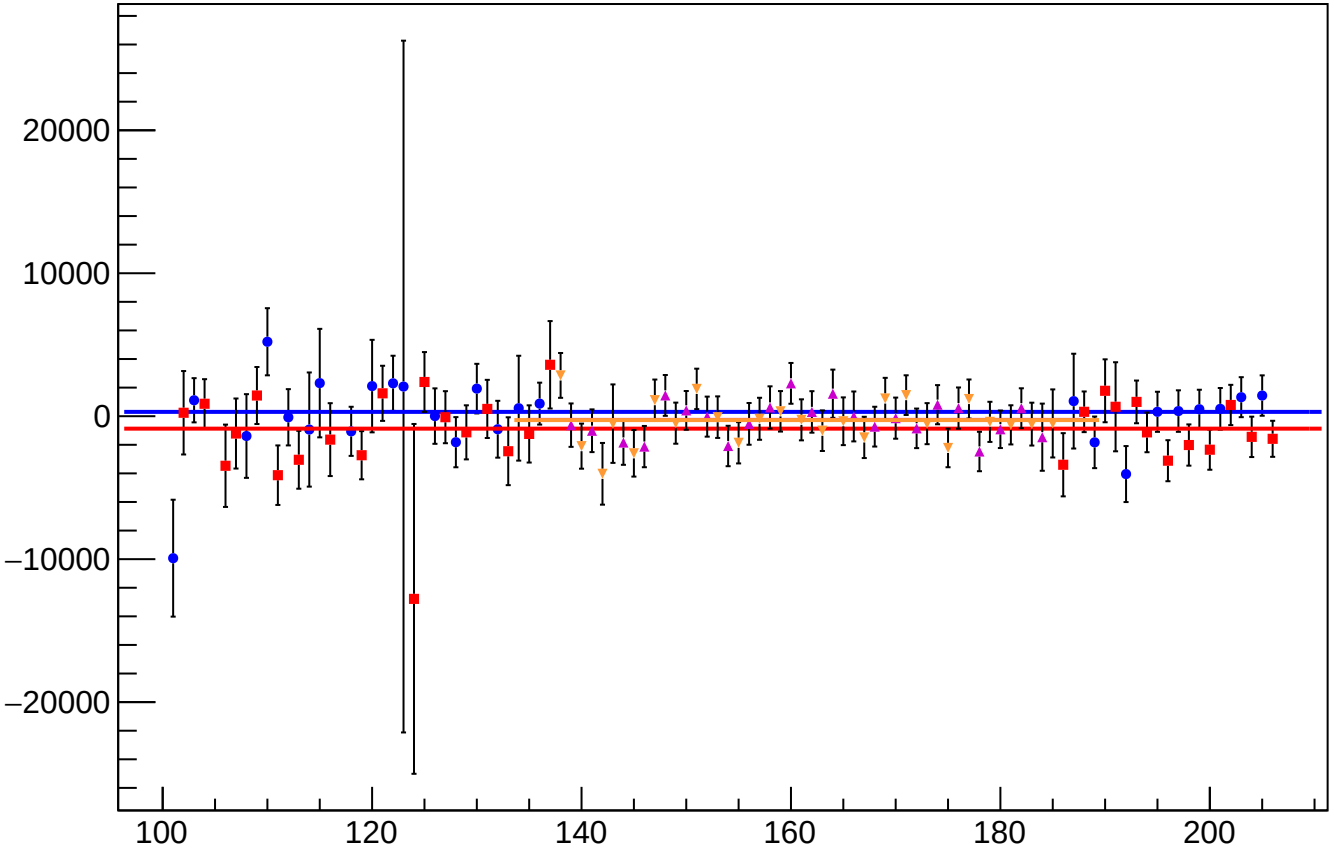
Right: 4212.694+/-0.585 χ^2/NDF: 3531865.7/55

In: 4491.117+/-0.590 χ^2/NDF:2226190.5/48

Out: 4312.350+/-0.544 χ^2/NDF:3761759.0/54

All: 4394.575+/-0.400 χ^2/NDF: 6037579.3/10

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 302.254+/-371.377 χ^2/NDF: 24.2/25

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

Right Out: -870.527+/-334.800 χ^2/NDF: 27.9/29

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

Left: -264.470+/-214.711 χ^2/NDF: 38.2/47

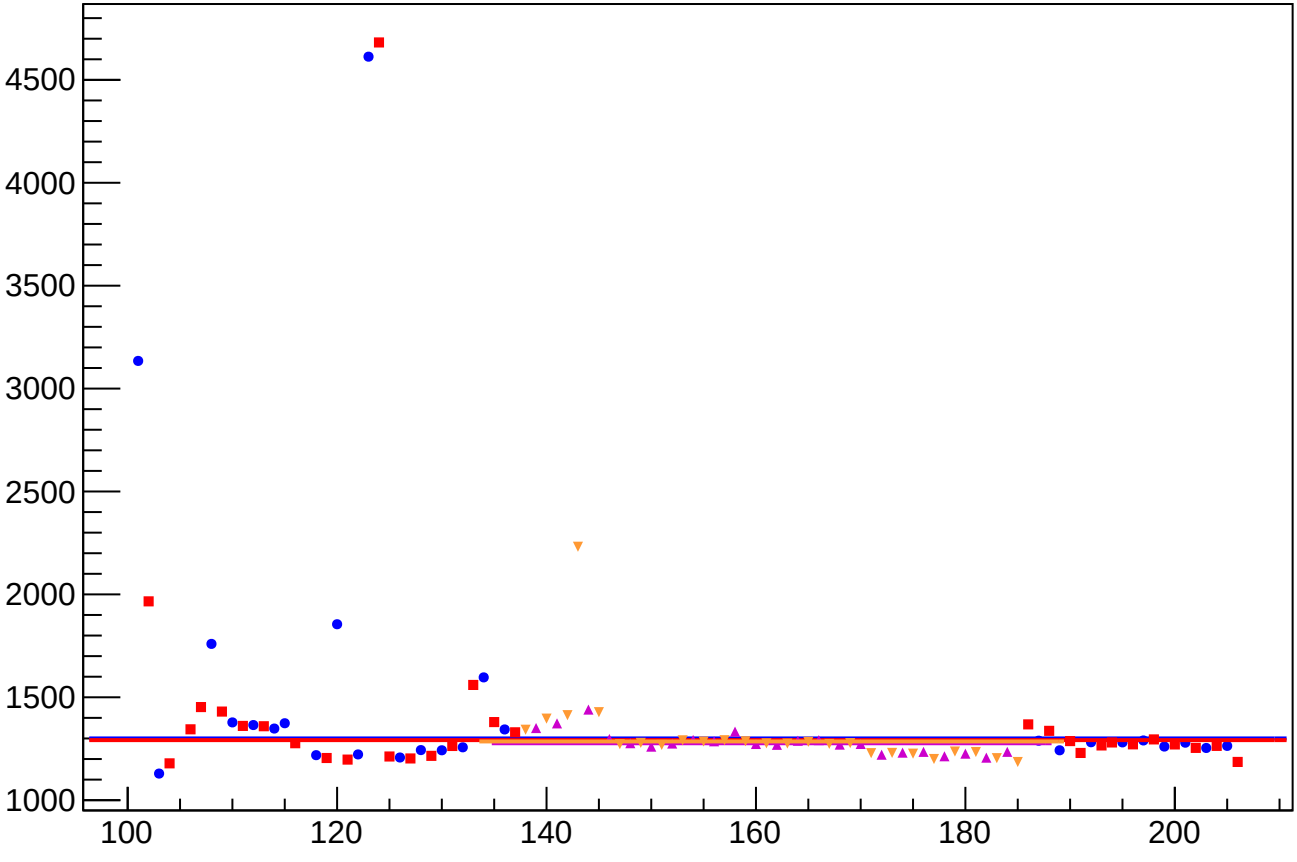
Right: -344.718+/-248.668 χ^2/NDF: 57.6/55

In: -32.244+/-235.833 χ^2/NDF:41.5/48

Out: -539.732+/-224.261 χ^2/NDF:51.9/54

All: -298.745+/-162.514 χ^2/NDF: 95.8/103

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1300.056+/-0.263 χ^2/NDF: 618569.1/25

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

Right Out: 1291.896+/-0.237 χ^2/NDF: 366686.8/29

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

Left: 1281.212+/-0.152 χ^2/NDF: 366335.3/47

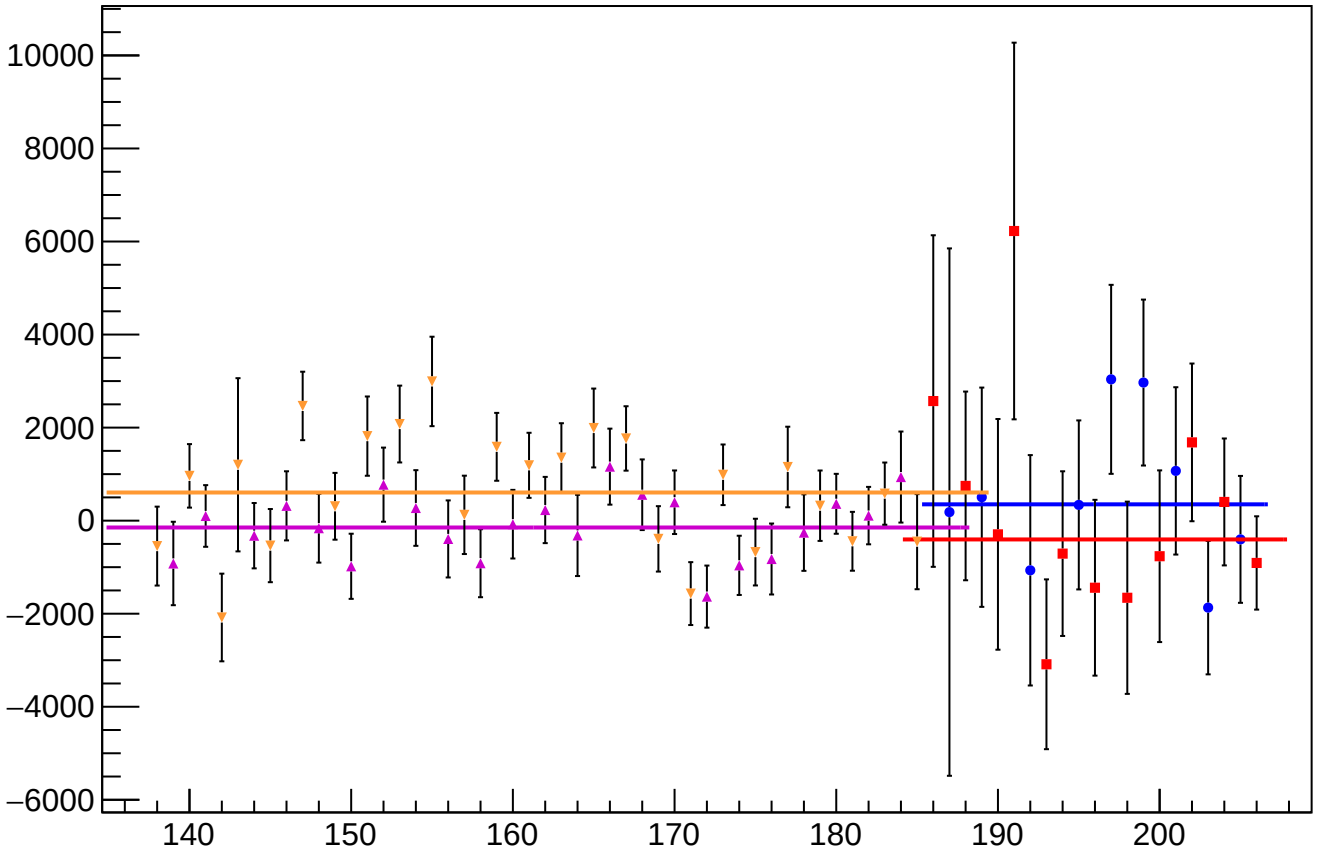
Right: 1295.555+/-0.176 χ^2/NDF: 985788.5/55

In: 1286.151+/-0.167 χ^2/NDF:682701.5/48

Out: 1288.411+/-0.159 χ^2/NDF:673137.5/54

All: 1287.338+/-0.115 χ^2/NDF: 1355935.5/10

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 350.836+/-624.168 χ^2/NDF: 7.1/8

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

Right Out: -403.821+/-509.438 χ^2/NDF: 8.7/11

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

Left: 229.377+/-108.885 χ^2/NDF: 91.3/47

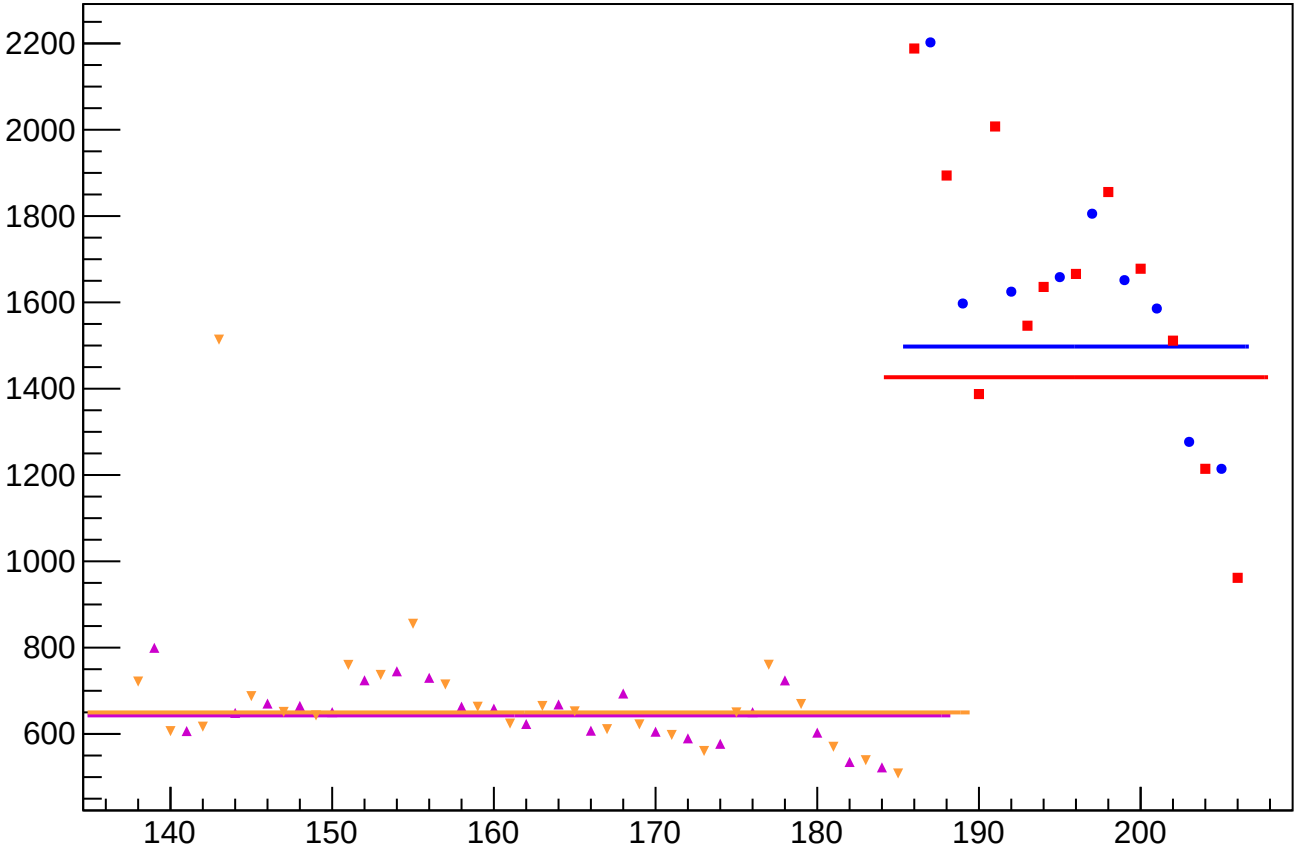
Right: -102.095+/-394.669 χ^2/NDF: 16.7/20

In: -118.457+/-149.563 χ^2/NDF:27.1/31

Out: 520.762+/-147.344 χ^2/NDF:72.3/36

All: 205.931+/-104.964 χ^2/NDF: 108.6/68

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1497.660+/-0.441 χ^2/NDF: 254788.5/8

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

Right Out: 1426.549+/-0.360 χ^2/NDF: 914422.0/11

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

Left: 646.440+/-0.077 χ^2/NDF: 1166651.7/47

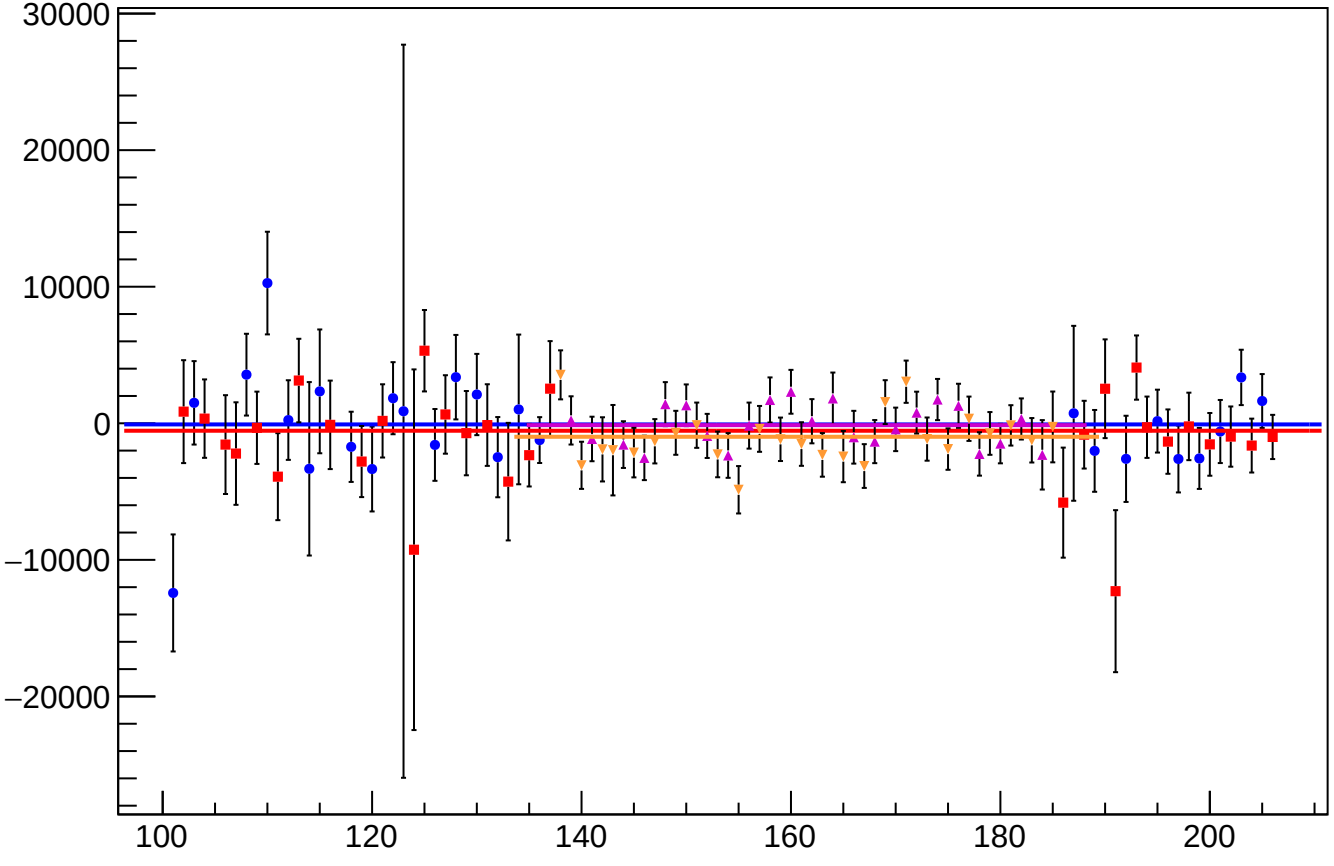
Right: 1454.981+/-0.279 χ^2/NDF: 1184791.0/20

In: 692.080+/-0.106 χ^2/NDF:4113105.6/31

Out: 714.838+/-0.104 χ^2/NDF:6015098.1/36

All: 703.629+/-0.074 χ^2/NDF: 10151702.2/68

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -82.305+/-552.035 χ^2/NDF: 30.6/25

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

Right Out: -545.226+/-503.847 χ^2/NDF: 21.5/29

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

Left: -565.633+/-241.125 χ^2/NDF: 50.4/47

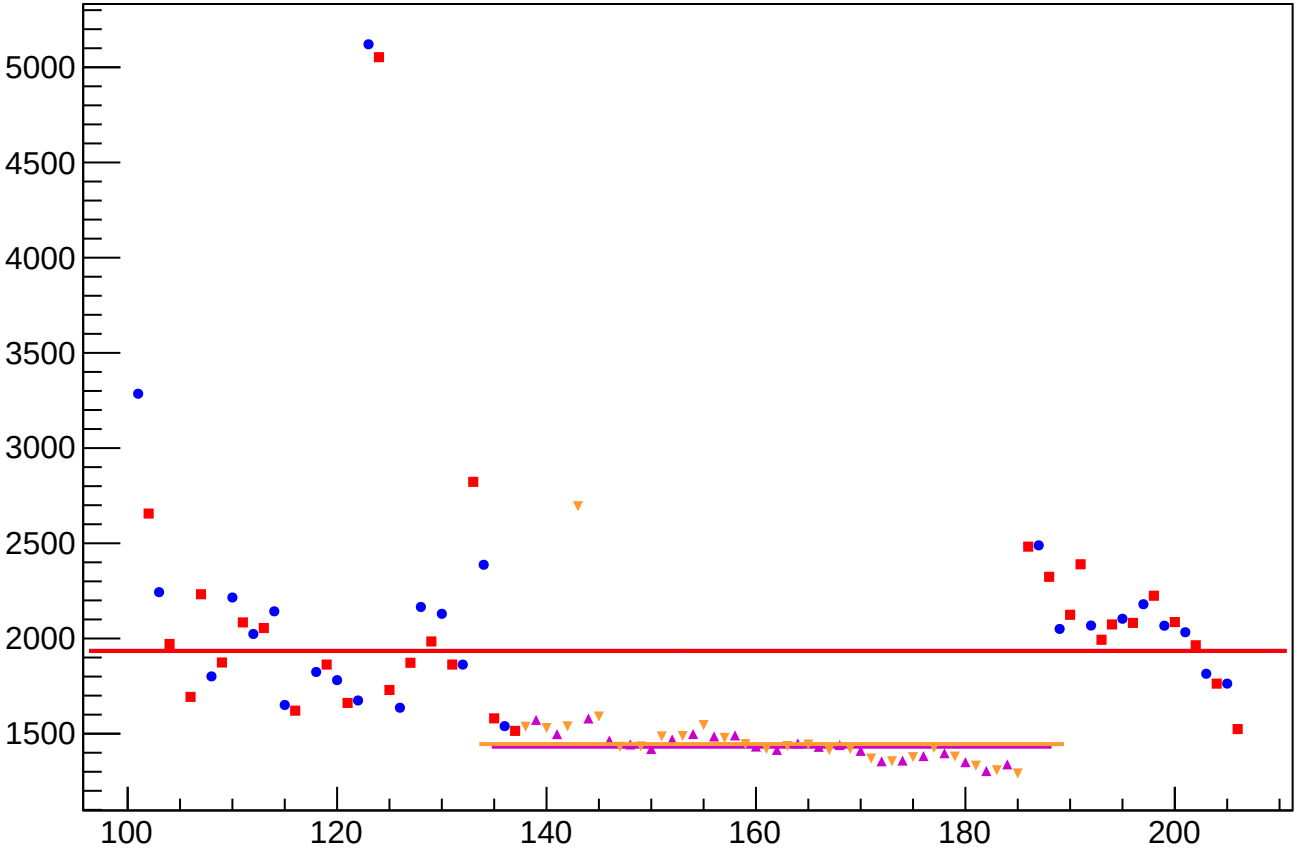
Right: -334.848+/-372.146 χ^2/NDF: 52.5/55

In: -122.376+/-290.889 χ^2/NDF:49.4/48

Out: -849.080+/-281.695 χ^2/NDF:50.6/54

All: -497.394+/-202.361 χ^2/NDF: 103.2/103

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1935.152+/-0.390 χ^2/NDF: 558573.9/25

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

Right Out: 1934.561+/-0.356 χ^2/NDF: 730981.1/29

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

Left: 1438.591+/-0.171 χ^2/NDF: 454278.6/47

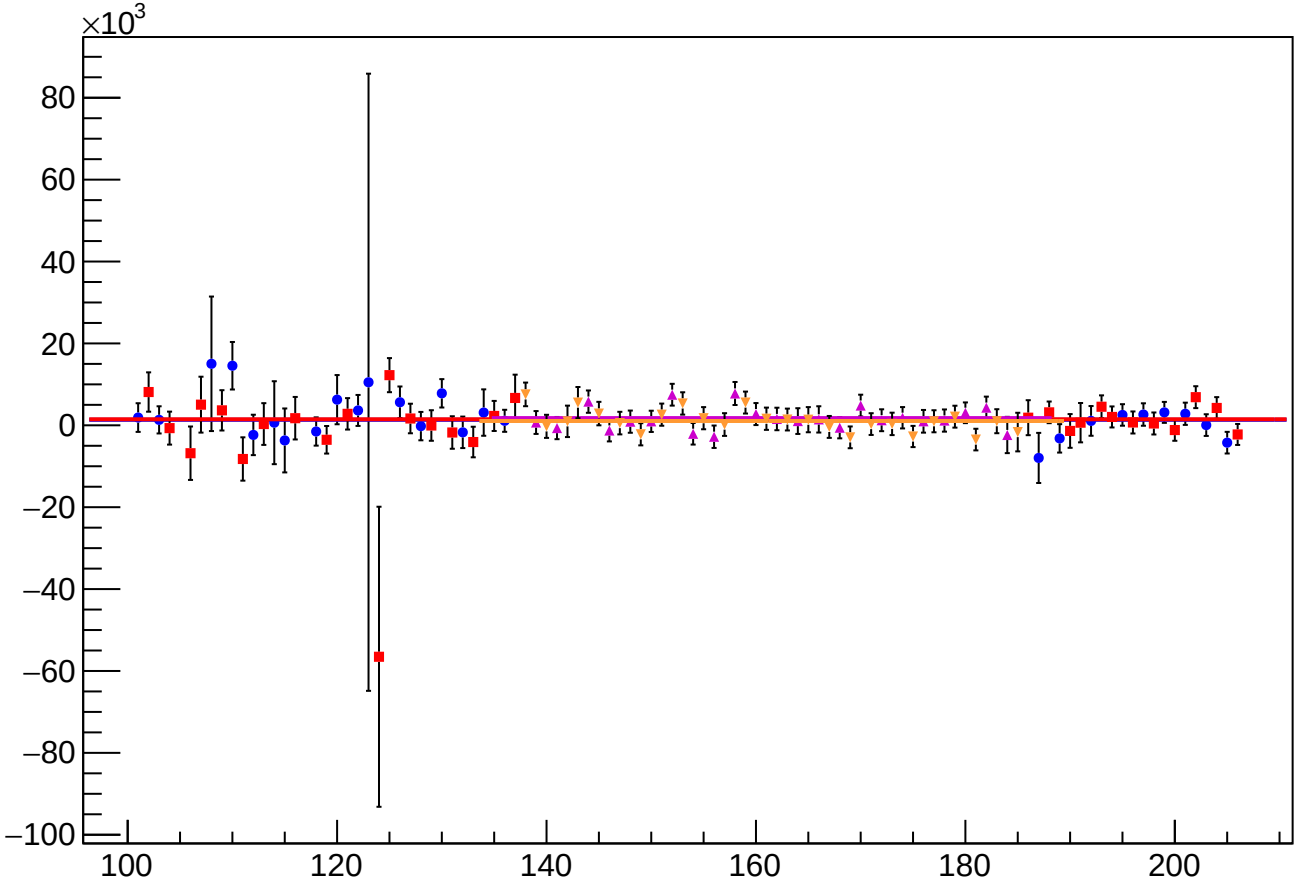
Right: 1934.829+/-0.263 χ^2/NDF: 1289556.3/55

In: 1571.465+/-0.206 χ^2/NDF:1838126.5/48

Out: 1598.316+/-0.199 χ^2/NDF:2401623.3/54

All: 1585.322+/-0.143 χ^2/NDF: 4248543.9/10

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1348.776+/-713.630 χ^2/NDF: 24.2/25

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

Right Out: 1469.951+/-653.095 χ^2/NDF: 33.9/29

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

Left: 1404.499+/-403.337 χ^2/NDF: 46.7/47

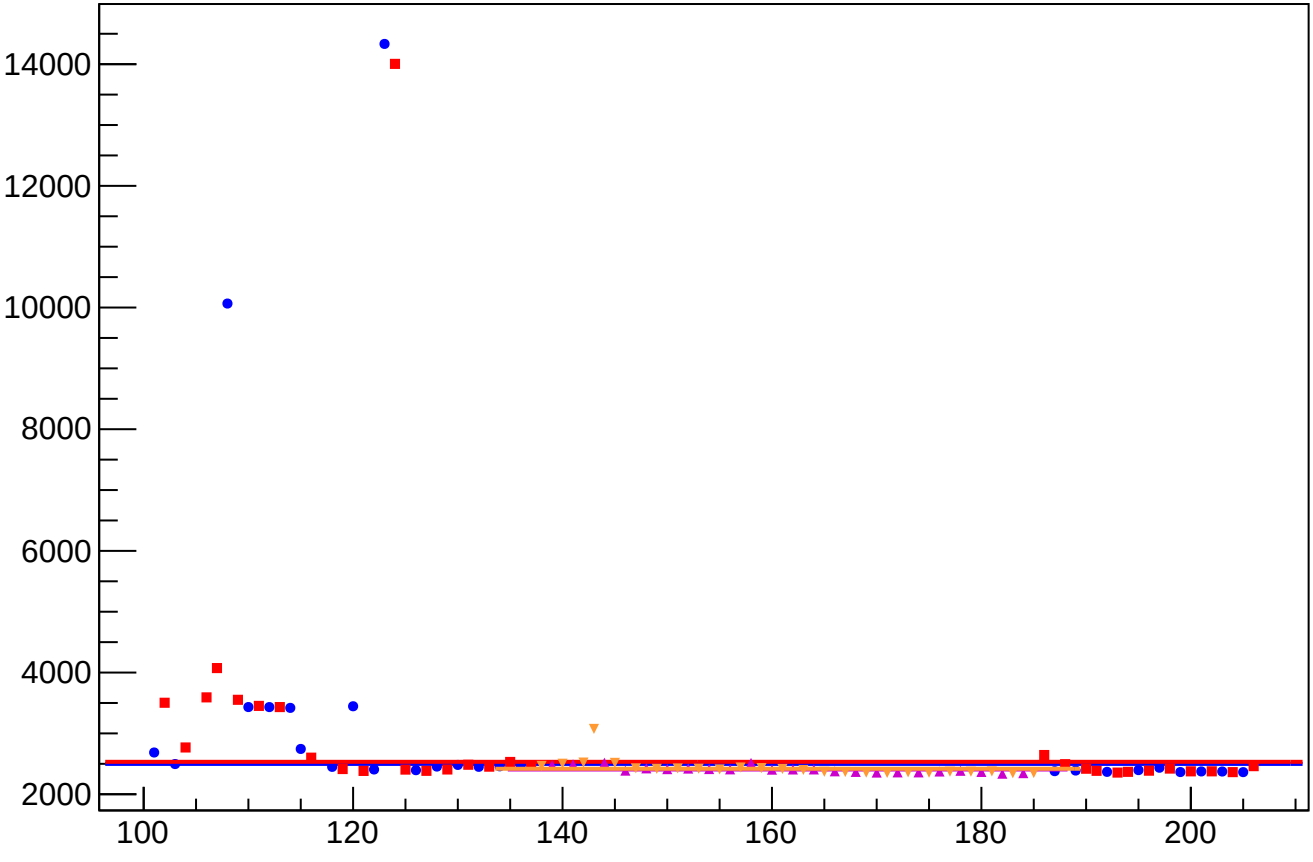
Right: 1414.720+/-481.790 χ^2/NDF: 58.1/55

In: 1599.524+/-447.583 χ^2/NDF:47.7/48

Out: 1234.368+/-427.830 χ^2/NDF:56.8/54

All: 1408.711+/-309.269 χ^2/NDF: 104.8/103

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2498.427+/-0.505 χ^2/NDF: 703919.1/25

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

Right Out: 2533.036+/-0.462 χ^2/NDF: 717101.2/29

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

Left: 2412.800+/-0.285 χ^2/NDF: 90507.2/47

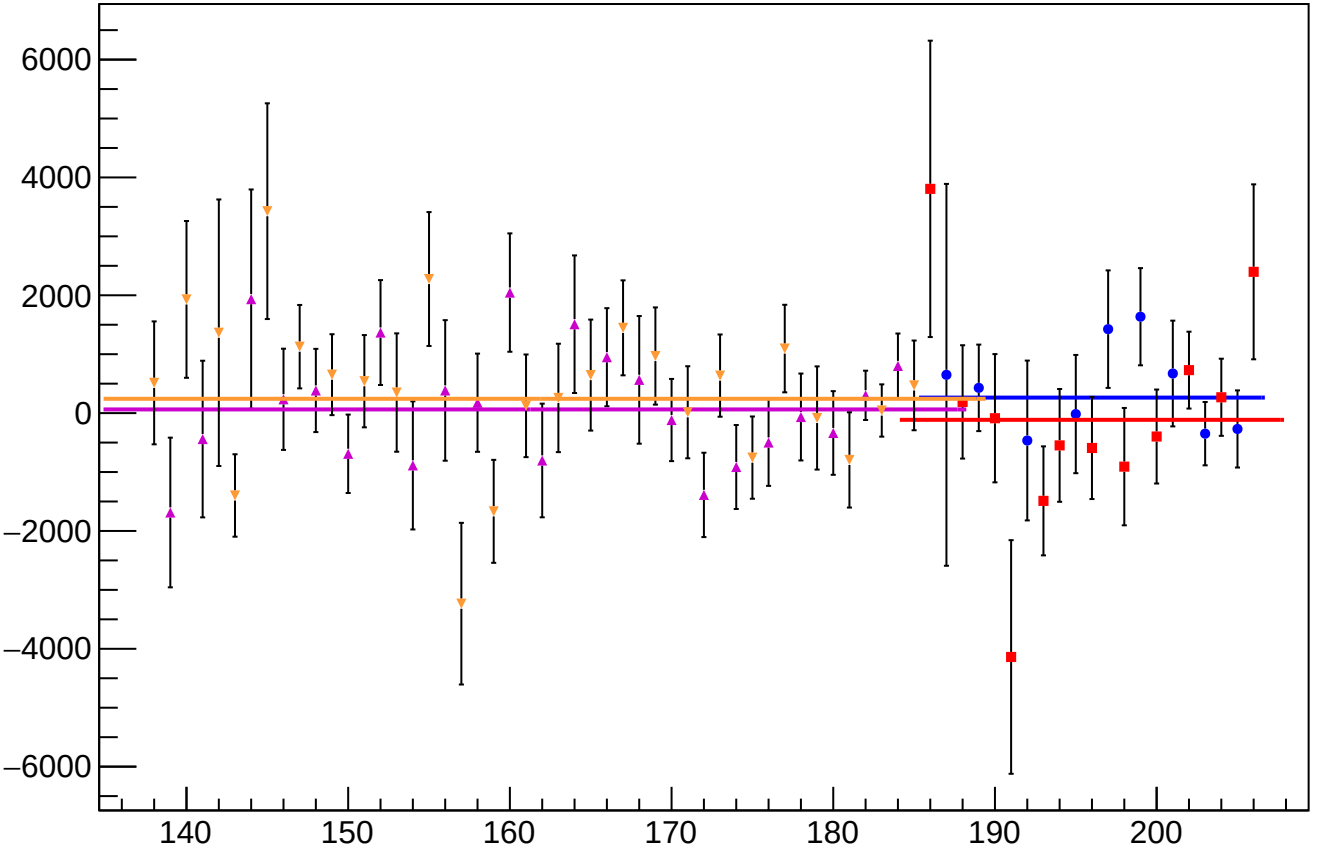
Right: 2517.261+/-0.341 χ^2/NDF: 1423580.2/55

In: 2442.627+/-0.316 χ^2/NDF:739321.3/48

Out: 2467.920+/-0.303 χ^2/NDF:826707.2/54

All: 2455.844+/-0.219 χ^2/NDF: 1569366.2/10

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 263.466+/-277.338 χ^2/NDF: 6.7/8

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

Right Out: -113.969+/-270.698 χ^2/NDF: 15.0/11

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

Left: 152.978+/-116.004 χ^2/NDF: 60.9/47

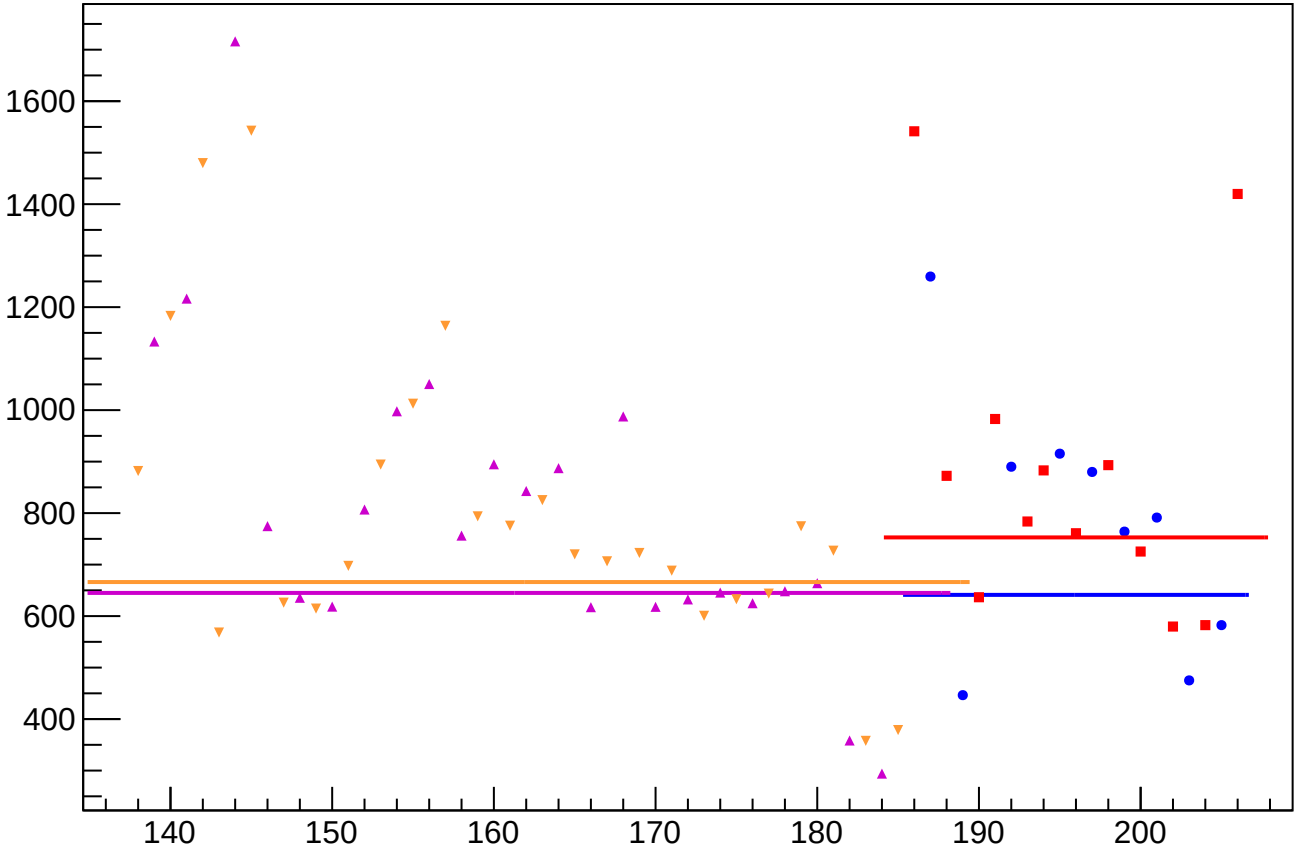
Right: 70.176+/-193.717 χ^2/NDF: 22.7/20

In: 114.698+/-141.273 χ^2/NDF:31.4/31

Out: 147.306+/-140.229 χ^2/NDF:52.3/36

All: 131.123+/-99.524 χ^2/NDF: 83.7/68

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 641.213+/-0.196 χ^2/NDF: 852348.1/8

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

Right Out: 752.800+/-0.191 χ^2/NDF: 1038647.2/11

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

Left: 655.587+/-0.082 χ^2/NDF: 7383446.0/47

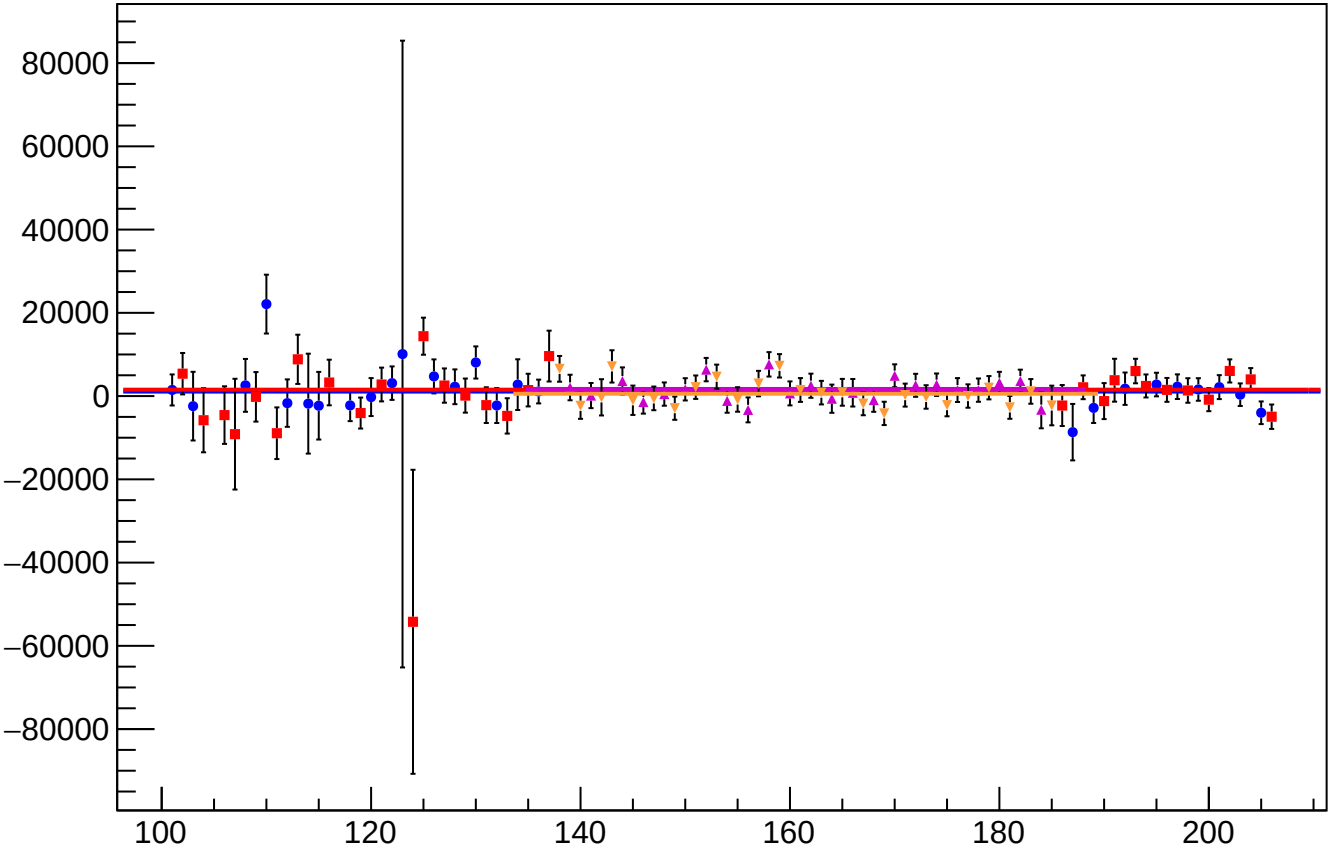
Right: 698.359+/-0.137 χ^2/NDF: 2056803.5/20

In: 644.026+/-0.100 χ^2/NDF:5028921.4/31

Out: 689.390+/-0.099 χ^2/NDF:4379216.4/36

All: 666.876+/-0.070 χ^2/NDF: 9512015.5/68

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1089.941+/-770.340 χ^2/NDF: 23.0/25

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

Right Out: 1541.071+/-715.576 χ^2/NDF: 38.1/29

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

Left: 1131.048+/-426.375 χ^2/NDF: 45.0/47

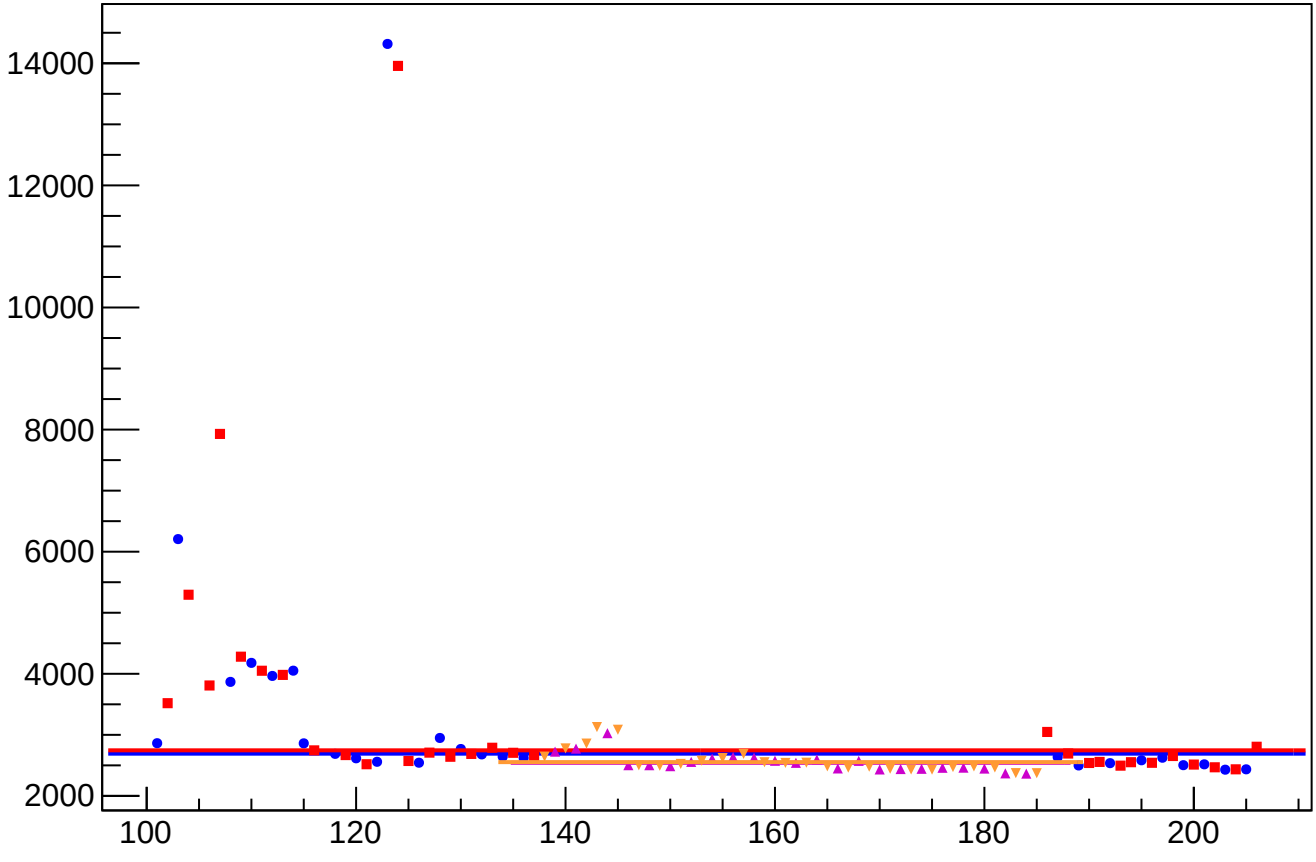
Right: 1332.110+/-524.281 χ^2/NDF: 61.4/55

In: 1474.154+/-477.149 χ^2/NDF:41.5/48

Out: 967.653+/-459.003 χ^2/NDF:64.4/54

All: 1211.089+/-330.793 χ^2/NDF: 106.5/103

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2691.792+/-0.545 χ^2/NDF: 780055.9/25

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

Right Out: 2746.442+/-0.506 χ^2/NDF: 1240621.4/29

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

Left: 2547.611+/-0.301 χ^2/NDF: 246010.6/47

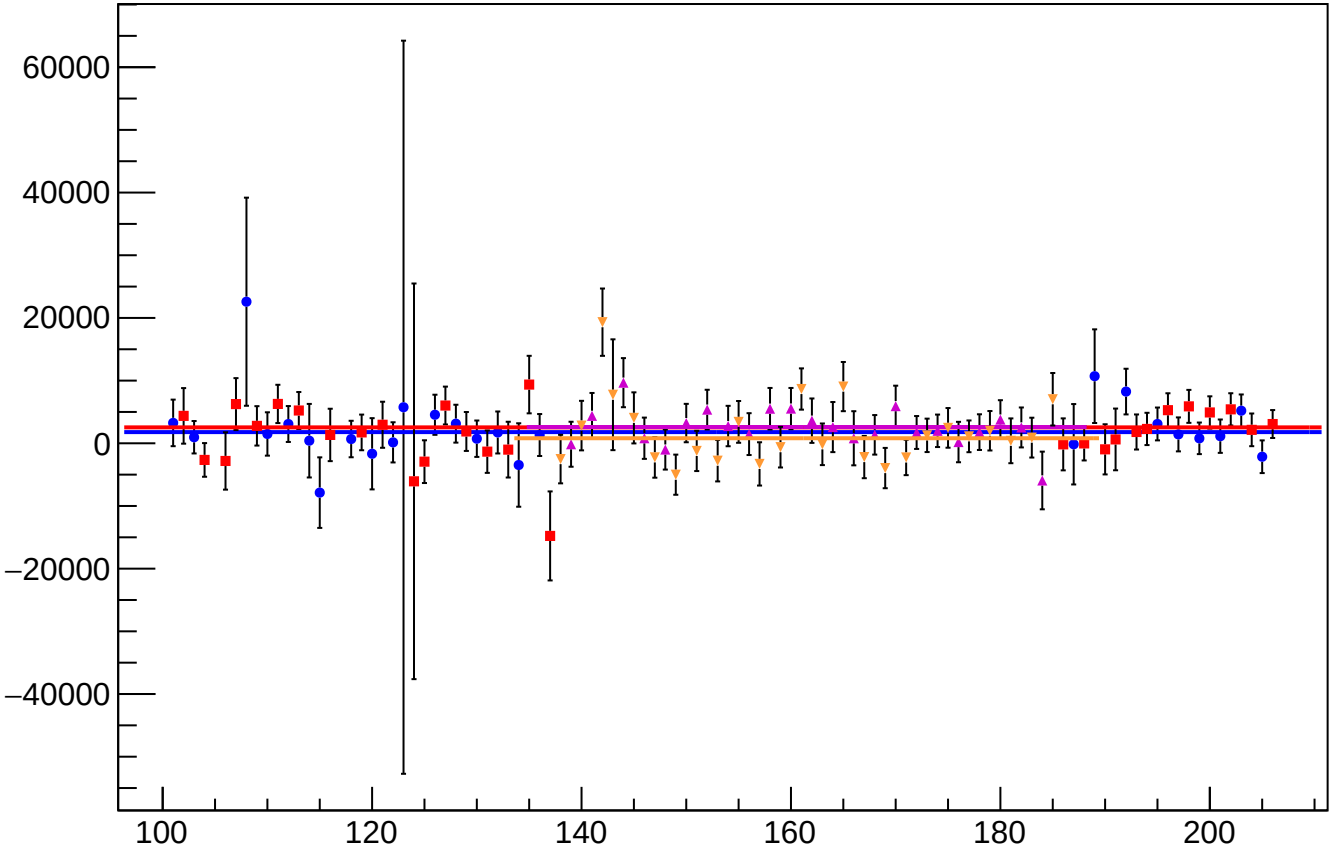
Right: 2721.128+/-0.371 χ^2/NDF: 2026080.6/55

In: 2599.438+/-0.337 χ^2/NDF:923934.3/48

Out: 2632.649+/-0.325 χ^2/NDF:1474986.0/54

All: 2616.687+/-0.234 χ^2/NDF: 2403952.6/10

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1784.789+/-665.264 χ^2/NDF: 16.7/25

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

Right Out: 2539.552+/-588.382 χ^2/NDF: 29.9/29

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

Left: 1693.134+/-481.290 χ^2/NDF: 56.6/47

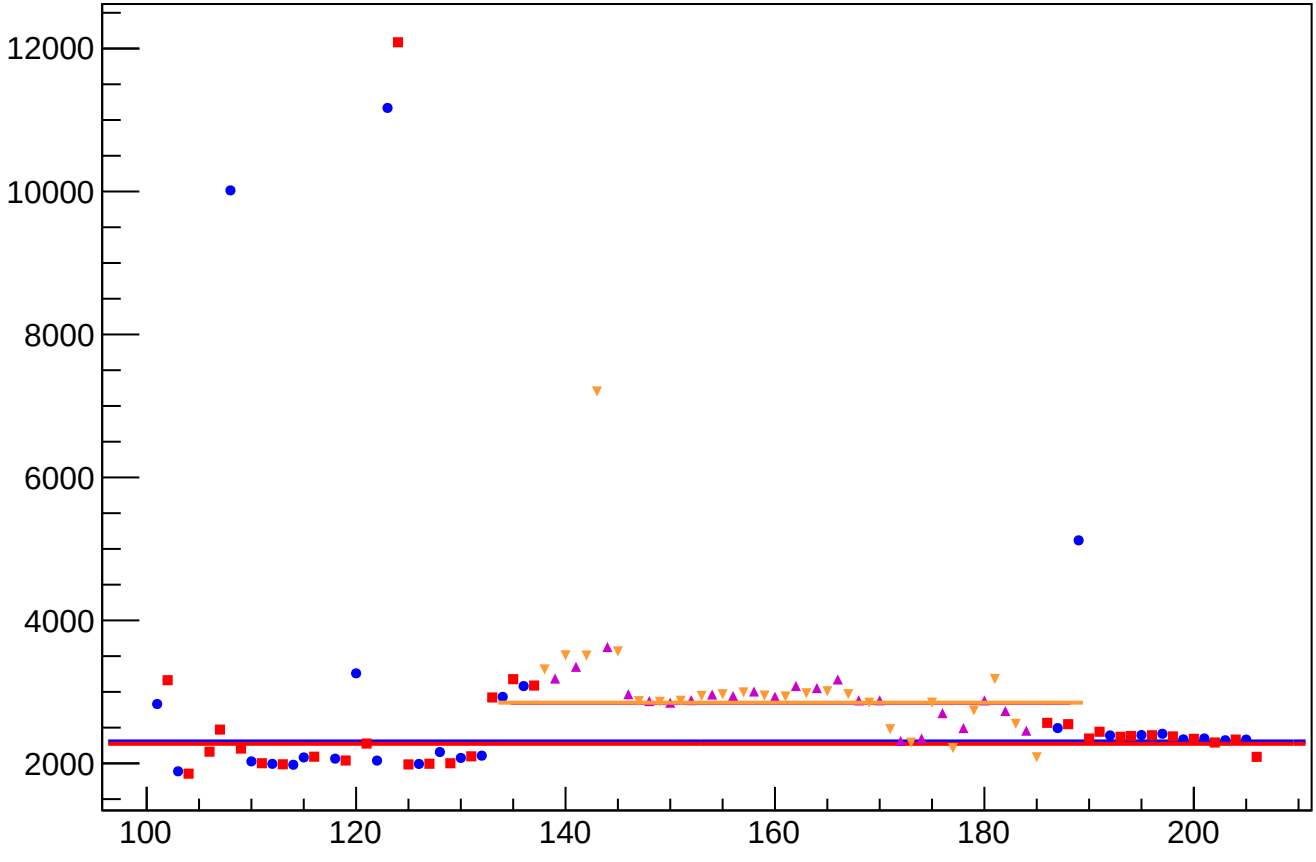
Right: 2208.284+/-440.736 χ^2/NDF: 47.3/55

In: 2179.018+/-476.839 χ^2/NDF:31.4/48

Out: 1794.790+/-444.243 χ^2/NDF:72.8/54

All: 1973.324+/-325.040 χ^2/NDF: 104.5/103

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2306.752+/-0.470 χ^2/NDF: 1160844.2/25

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

Right Out: 2273.628+/-0.416 χ^2/NDF: 642118.4/29

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

Left: 2847.038+/-0.340 χ^2/NDF: 1418298.4/47

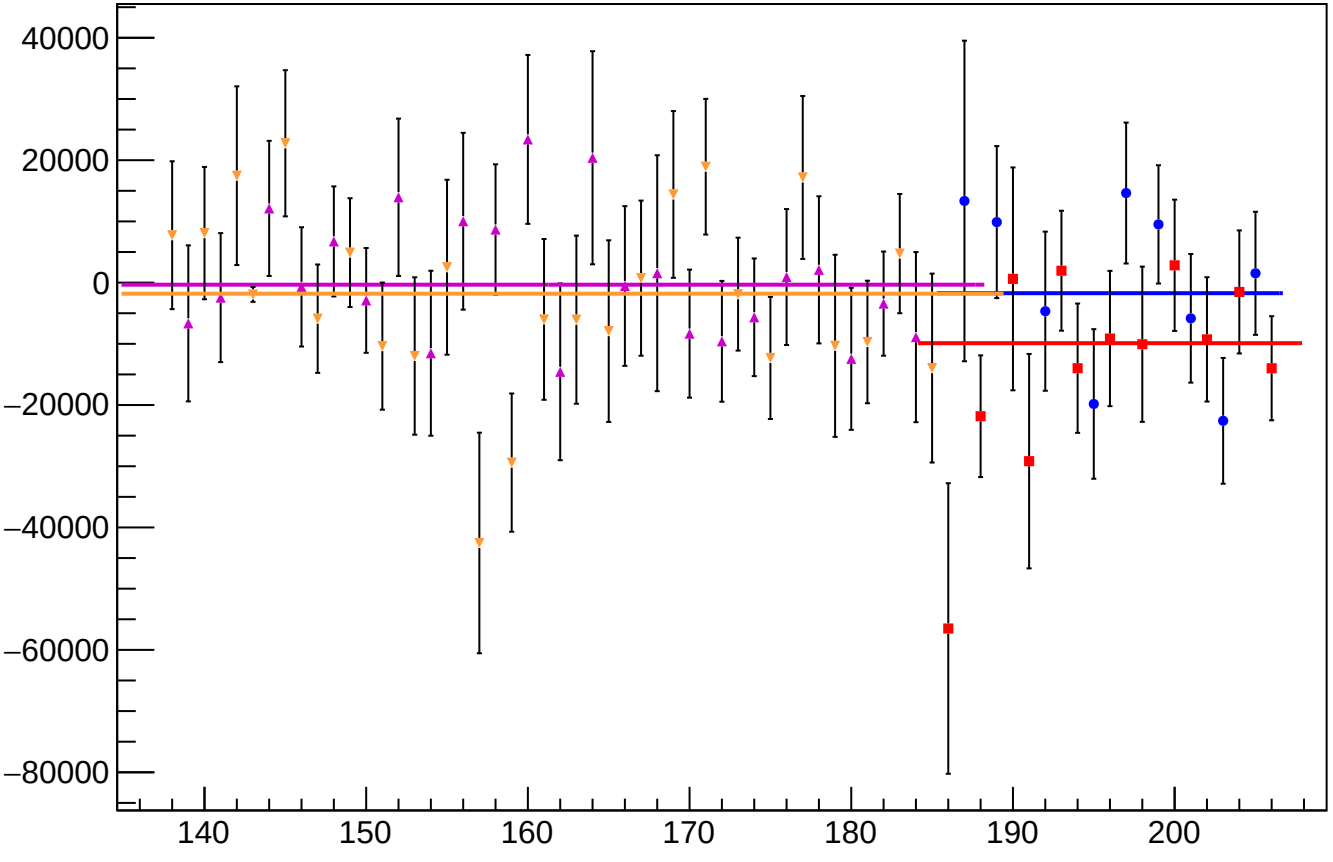
Right: 2288.160+/-0.312 χ^2/NDF: 1805745.5/55

In: 2568.365+/-0.337 χ^2/NDF:2180691.5/48

Out: 2521.013+/-0.314 χ^2/NDF:2499845.5/54

All: 2543.011+/-0.230 χ^2/NDF: 4691097.0/10

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -1726.992+/-3856.499 χ^2/NDF: 11.2/8

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

Right Out: -9892.603+/-3260.370 χ^2/NDF: 10.8/11

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

Left: -1557.594+/-981.106 χ^2/NDF: 45.7/47

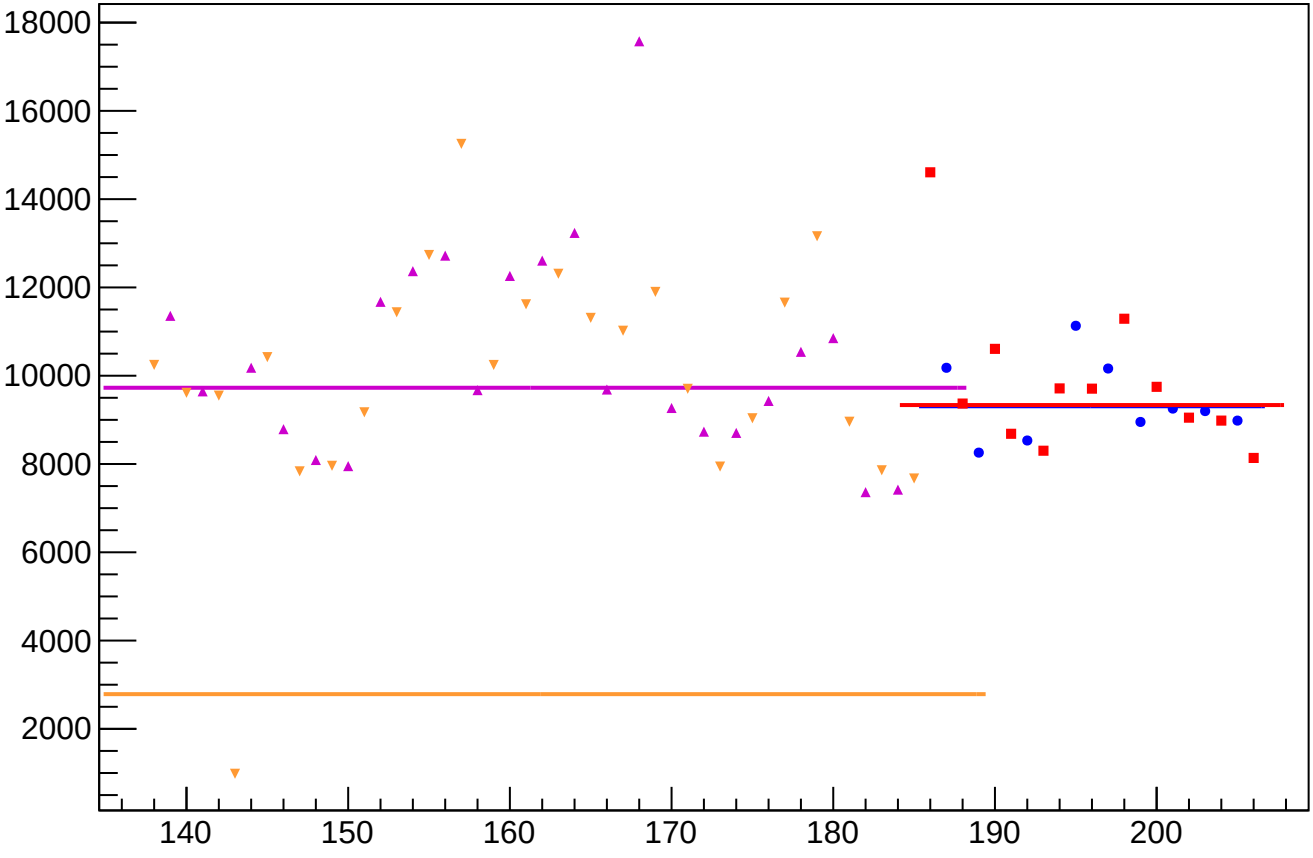
Right: -6489.006+/-2489.820 χ^2/NDF: 24.6/20

In: -718.751+/-2016.701 χ^2/NDF:25.5/31

Out: -2607.287+/-1023.653 χ^2/NDF:47.5/36

All: -2220.395+/-912.796 χ^2/NDF: 73.7/68

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 9308.252+/-2.727 χ^2/NDF: 84267.5/8

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

Right Out: 9335.517+/-2.305 χ^2/NDF: 232622.1/11

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

Left: 3979.946+/-0.694 χ^2/NDF: 38376569.5/47

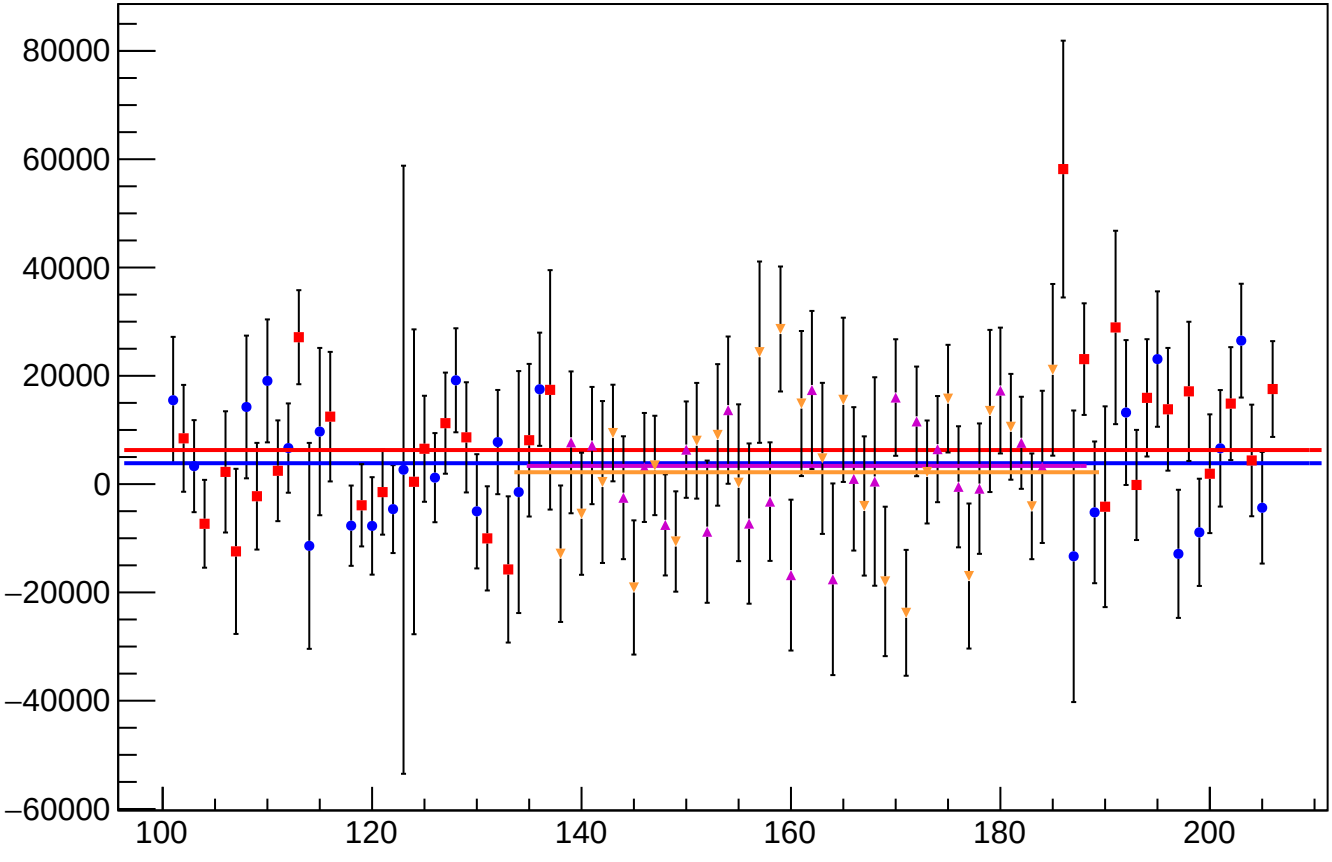
Right: 9324.152+/-1.761 χ^2/NDF: 316947.9/20

In: 9612.674+/-1.426 χ^2/NDF:1362827.1/31

Out: 3432.042+/-0.724 χ^2/NDF:30369825.9/36

All: 4698.228+/-0.645 χ^2/NDF: 46669348.9/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3860.001+/-2119.834 χ^2/NDF: 27.5/25

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

Right Out: 6290.972+/-1966.721 χ^2/NDF: 34.6/29

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

Left: 2761.039+/-1682.568 χ^2/NDF: 44.1/47

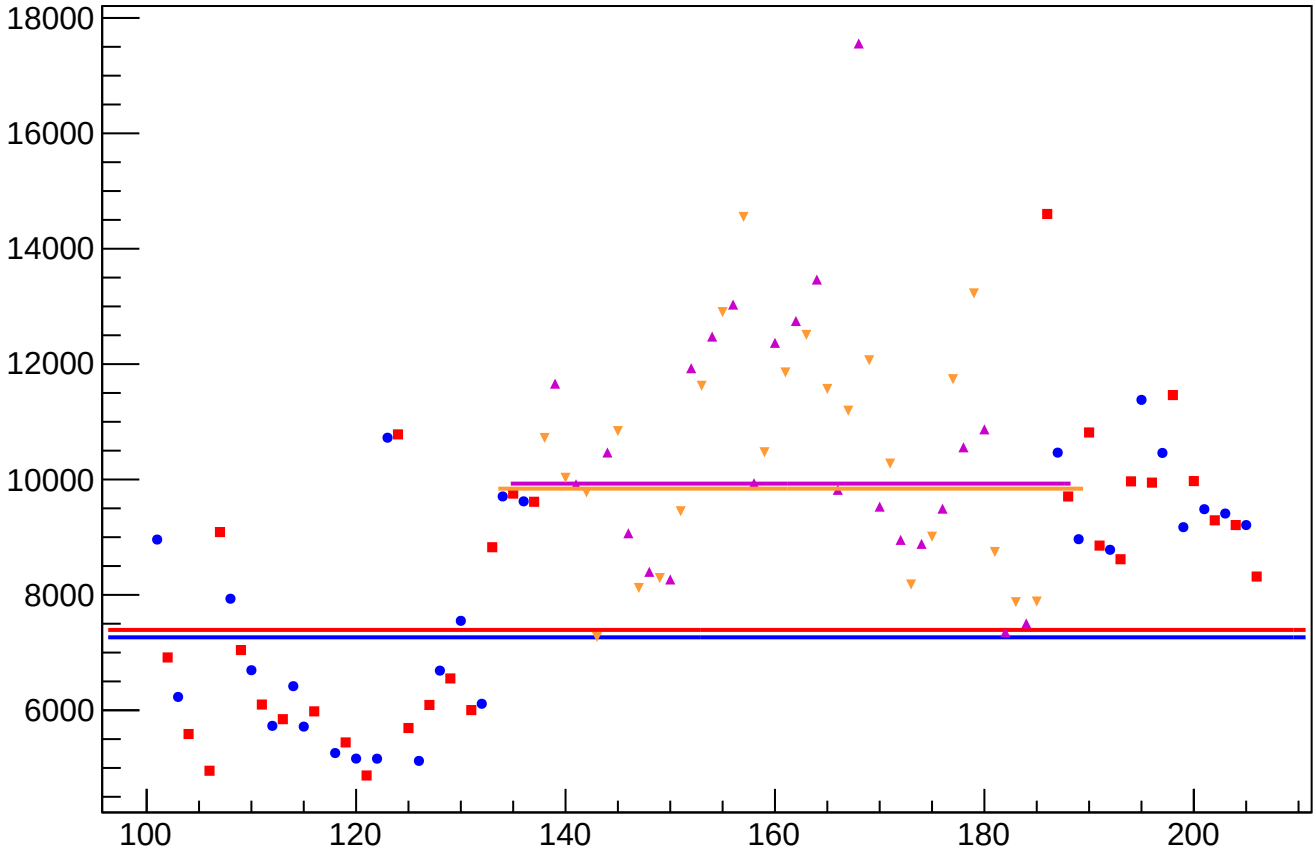
Right: 5166.441+/-1441.776 χ^2/NDF: 62.8/55

In: 3643.373+/-1592.810 χ^2/NDF:40.4/48

Out: 4599.971+/-1507.328 χ^2/NDF:67.6/54

All: 4148.029+/-1094.815 χ^2/NDF: 108.1/103

asym_atl2_rms vs Slug, Sign Corrected



Right In: 7264.279+/-1.499 χ^2/NDF: 1635312.3/25

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

Right Out: 7392.744+/-1.391 χ^2/NDF: 2048977.1/29

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

Left: 9883.710+/-1.190 χ^2/NDF: 2406921.7/47

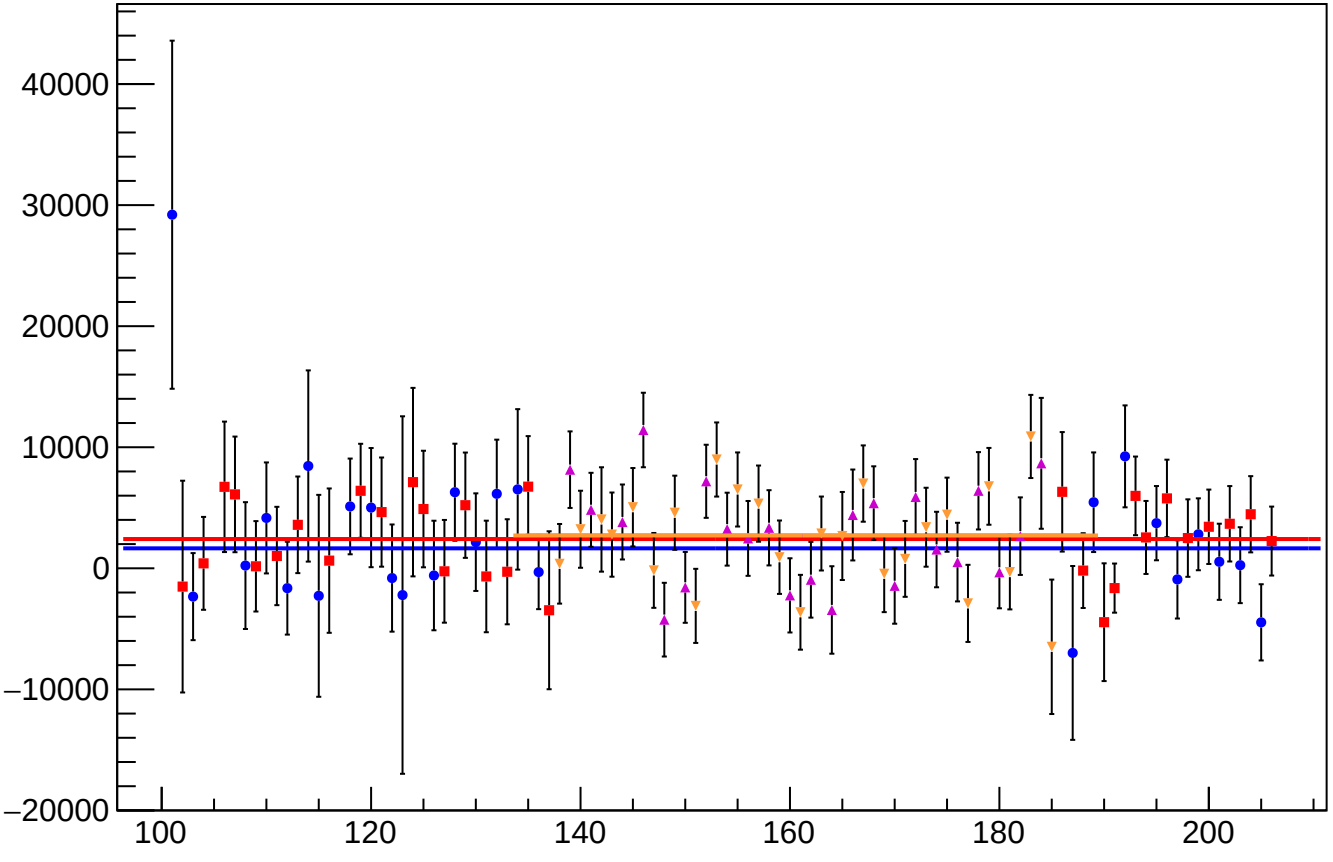
Right: 7333.322+/-1.019 χ^2/NDF: 3688237.0/55

In: 8424.406+/-1.126 χ^2/NDF:4231839.5/48

Out: 8402.931+/-1.066 χ^2/NDF:4512817.7/54

All: 8413.076+/-0.774 χ^2/NDF: 8744848.9/10

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1648.872+/-808.089 χ^2/NDF: 23.0/25

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

Right Out: 2417.945+/-688.178 χ^2/NDF: 18.2/29

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

Left: 2705.333+/-463.565 χ^2/NDF: 70.8/47

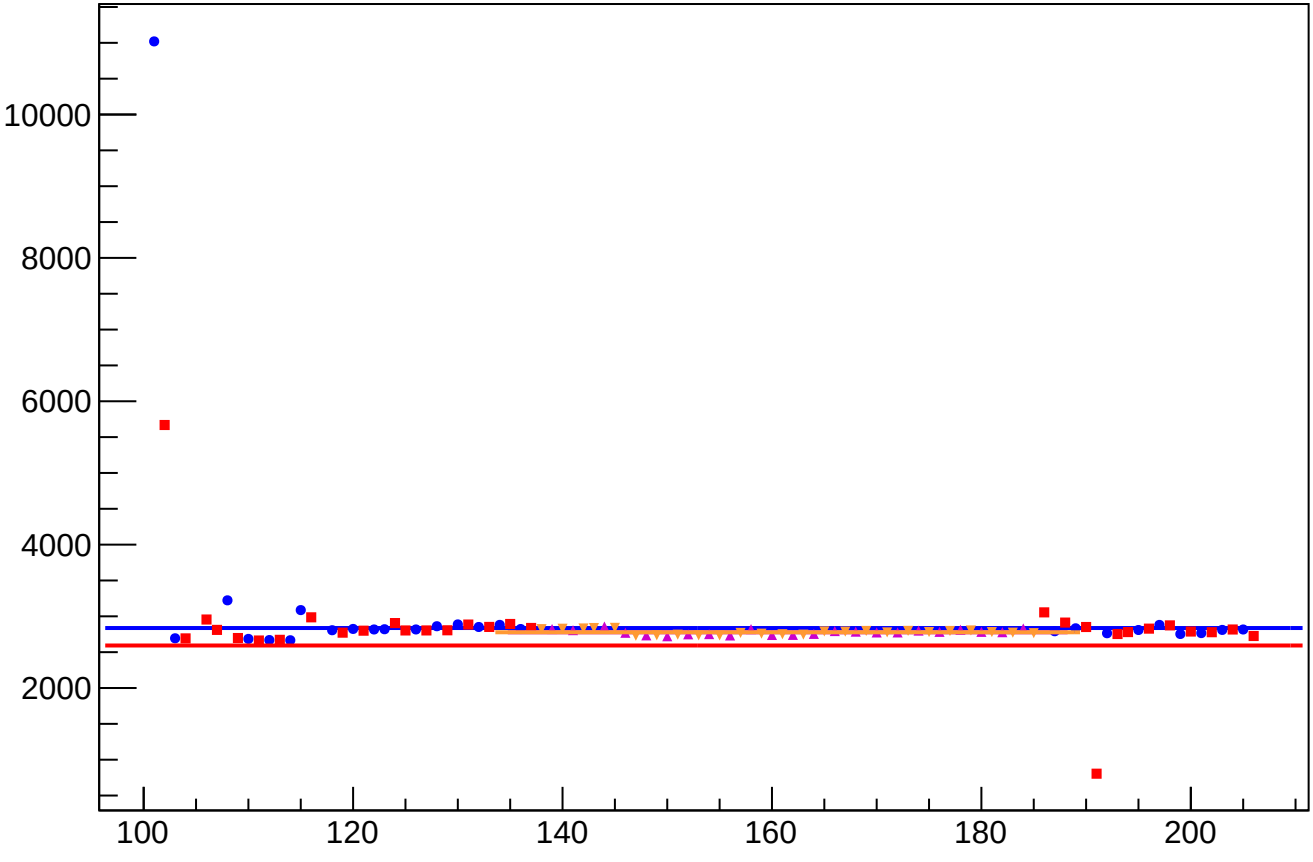
Right: 2094.649+/-523.933 χ^2/NDF: 41.7/55

In: 2276.136+/-512.352 χ^2/NDF:60.1/48

Out: 2573.917+/-472.090 χ^2/NDF:53.0/54

All: 2437.184+/-347.180 χ^2/NDF: 113.3/103

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2836.734+/-0.571 χ^2/NDF: 675530.3/25

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

Right Out: 2593.067+/-0.487 χ^2/NDF: 1993626.9/29

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

Left: 2777.404+/-0.328 χ^2/NDF: 10741.8/47

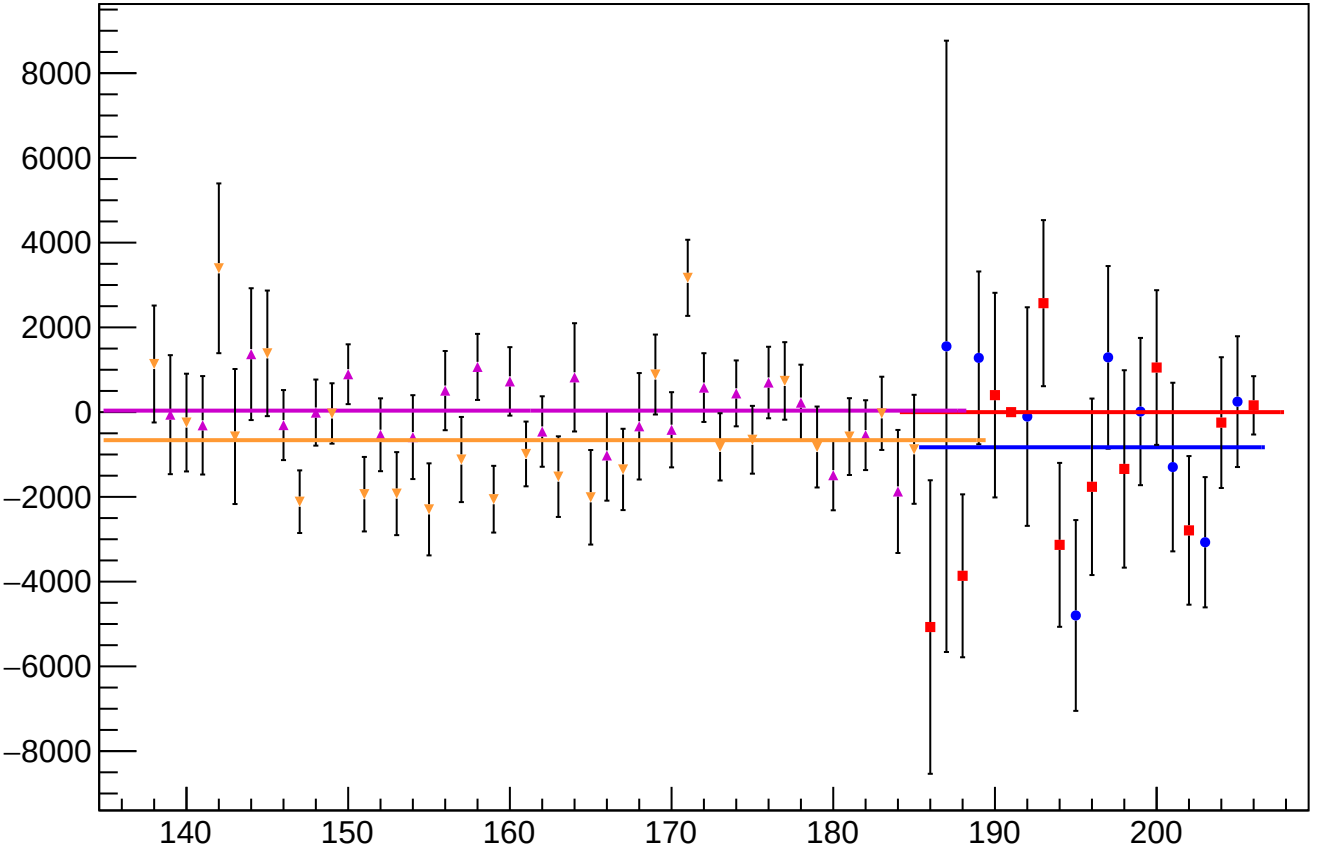
Right: 2695.497+/-0.370 χ^2/NDF: 2774561.3/55

In: 2801.225+/-0.362 χ^2/NDF:687476.9/48

Out: 2690.680+/-0.334 χ^2/NDF:2074888.0/54

All: 2741.439+/-0.245 χ^2/NDF: 2812718.9/10

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -829.090+/-666.744 χ^2/NDF: 8.2/8

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

Right Out: -0.288+/-4.105 χ^2/NDF: 14.5/11

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

Left: -313.803+/-134.624 χ^2/NDF: 70.5/47

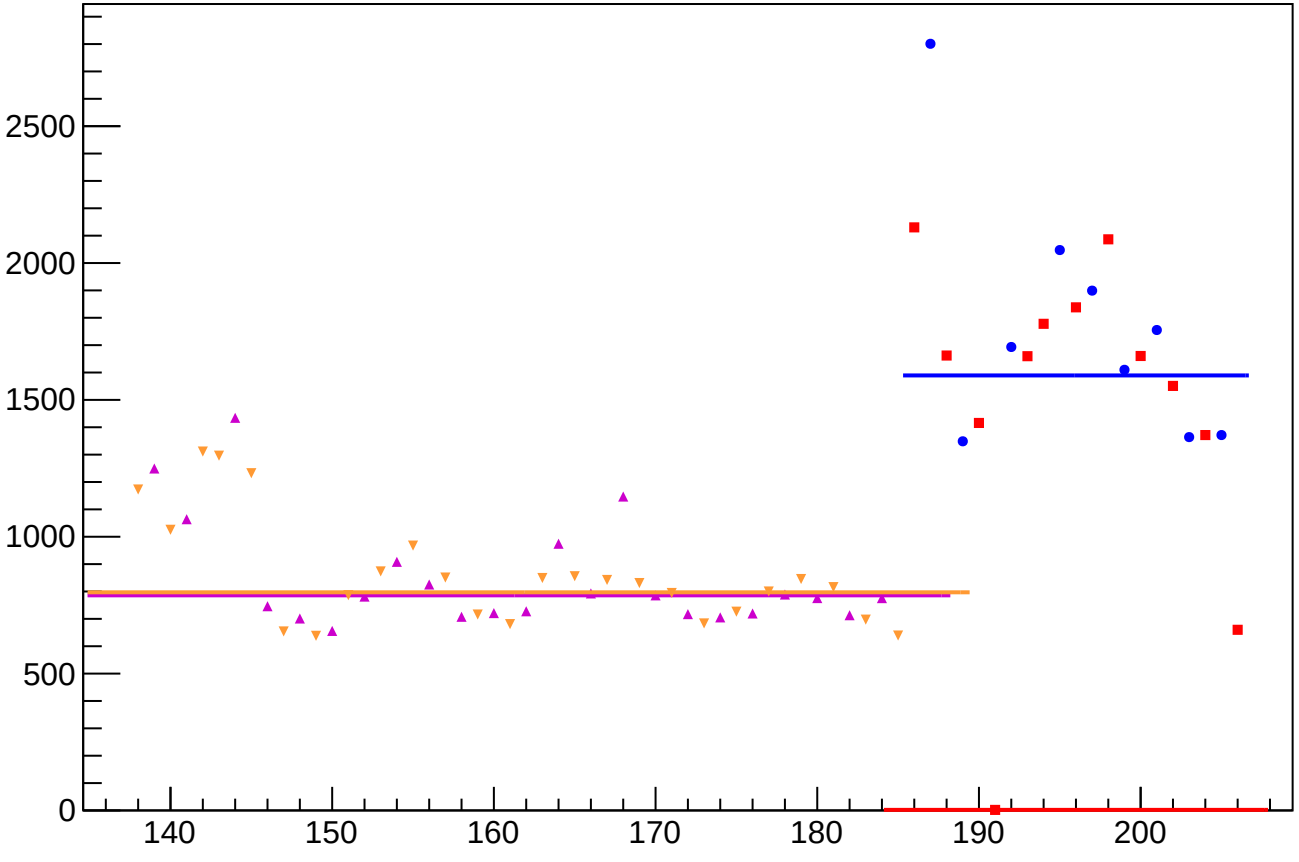
Right: -0.319+/-4.105 χ^2/NDF: 24.3/20

In: -29.911+/-183.218 χ^2/NDF:24.9/31

Out: -0.596+/-4.104 χ^2/NDF:75.3/36

All: -0.610+/-4.103 χ^2/NDF: 100.2/68

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 1589.359+/-0.471 χ^2/NDF: 308665.4/8

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

Right Out: 2.131+/-0.003 χ^2/NDF: 15818762.6/11

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

Left: 791.470+/-0.095 χ^2/NDF: 2304284.9/47

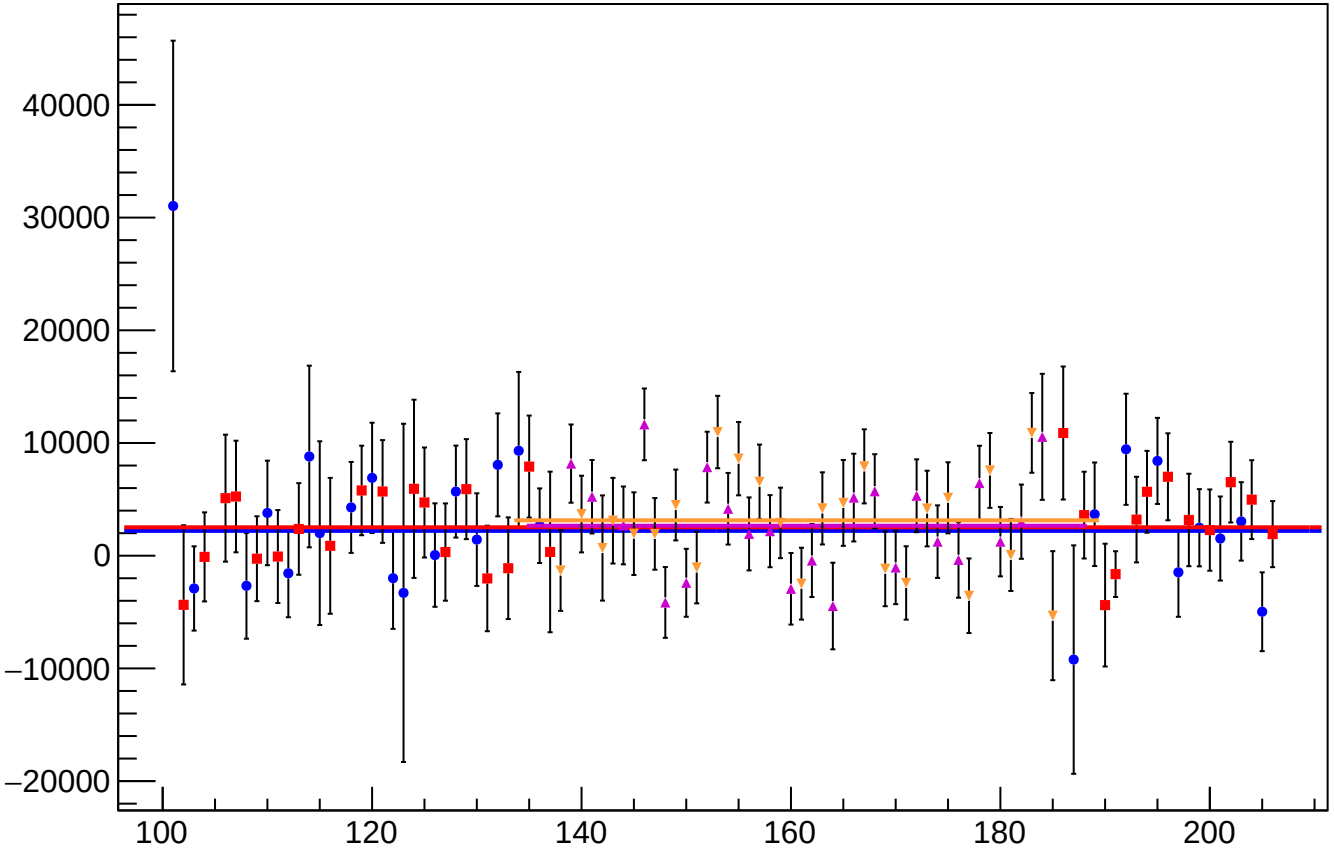
Right: 2.191+/-0.003 χ^2/NDF: 27461183.7/20

In: 846.596+/-0.130 χ^2/NDF:4119480.1/31

Out: 2.501+/-0.003 χ^2/NDF:51898862.3/36

All: 2.924+/-0.003 χ^2/NDF: 98447229.6/68

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2202.804+/-877.076 χ^2/NDF: 25.7/25

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

Right Out: 2520.805+/-743.590 χ^2/NDF: 20.3/29

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

Left: 2904.096+/-485.486 χ^2/NDF: 75.4/47

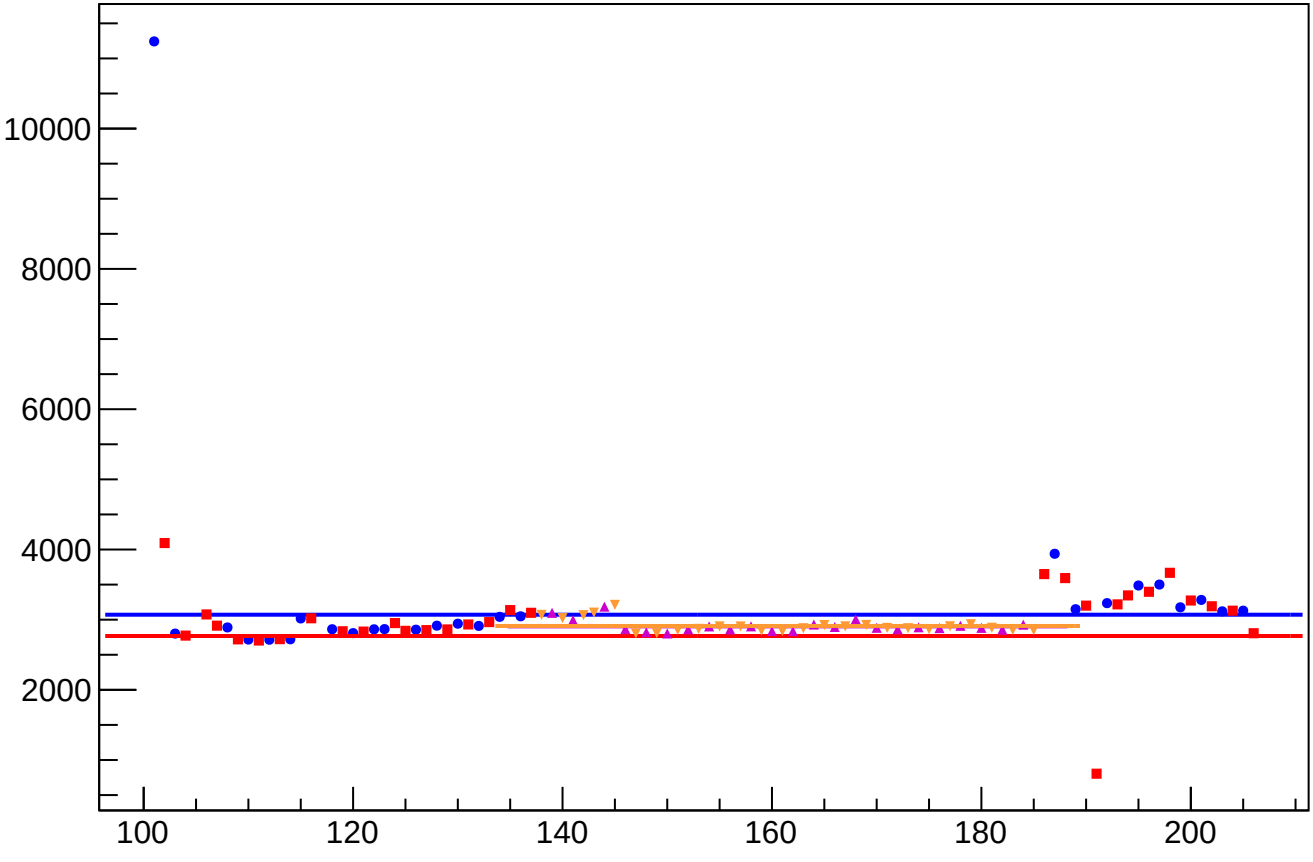
Right: 2387.820+/-567.184 χ^2/NDF: 46.1/55

In: 2484.133+/-543.810 χ^2/NDF:62.8/48

Out: 2857.556+/-501.900 χ^2/NDF:58.9/54

All: 2685.787+/-368.824 χ^2/NDF: 122.0/103

asym_atr1_rms vs Slug, Sign Corrected



Right In: 3070.897+/-0.620 χ^2/NDF: 768100.4/25

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

Right Out: 2767.406+/-0.526 χ^2/NDF: 2449394.0/29

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

Left: 2907.485+/-0.343 χ^2/NDF: 66576.4/47

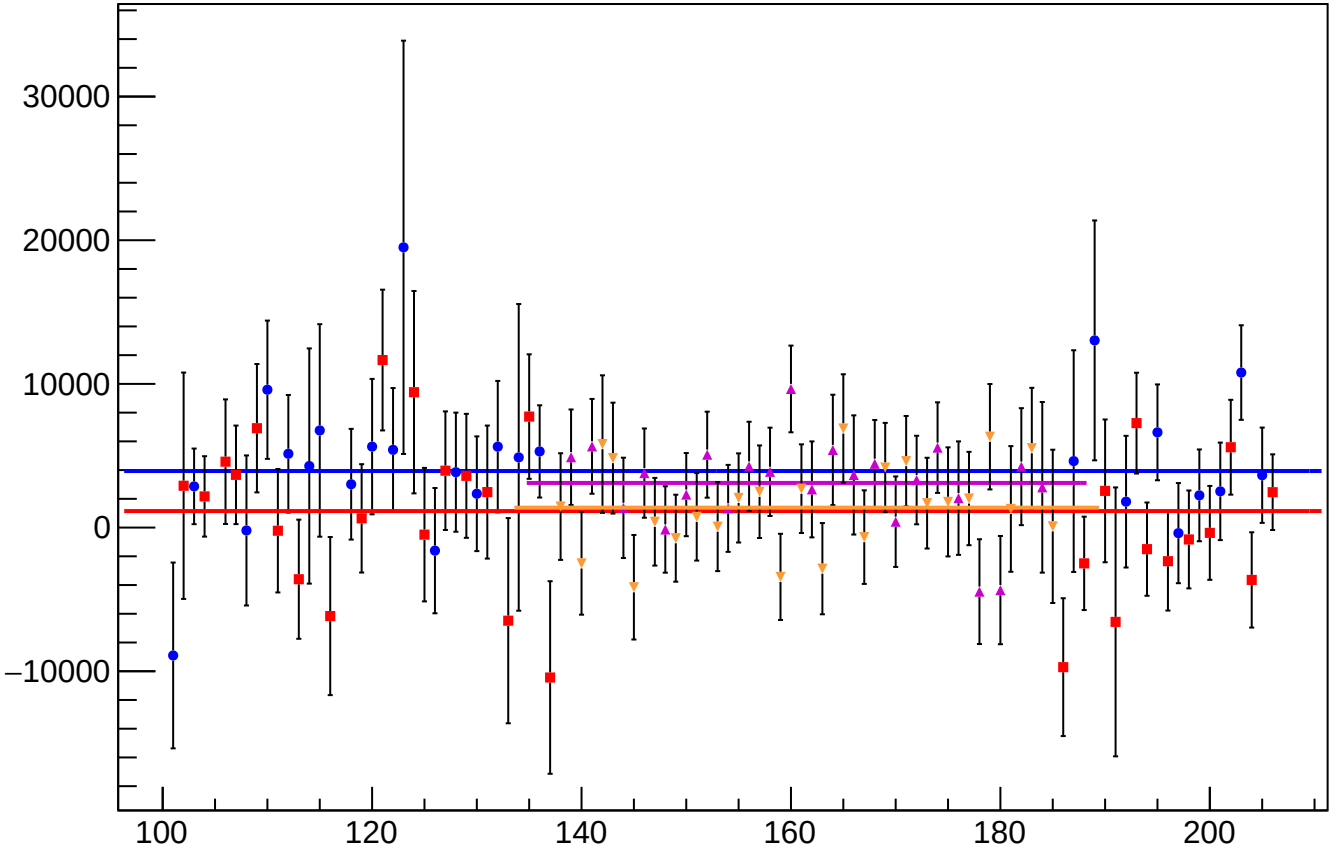
Right: 2894.323+/-0.401 χ^2/NDF: 3356819.2/55

In: 2968.468+/-0.385 χ^2/NDF:842836.4/48

Out: 2845.234+/-0.355 χ^2/NDF:2525718.0/54

All: 2901.920+/-0.261 χ^2/NDF: 3424017.3/10

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3935.827+/-828.078 χ^2/NDF: 18.3/25

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

Right Out: 1148.638+/-731.642 χ^2/NDF: 36.2/29

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

Left: 2232.819+/-487.974 χ^2/NDF: 39.5/47

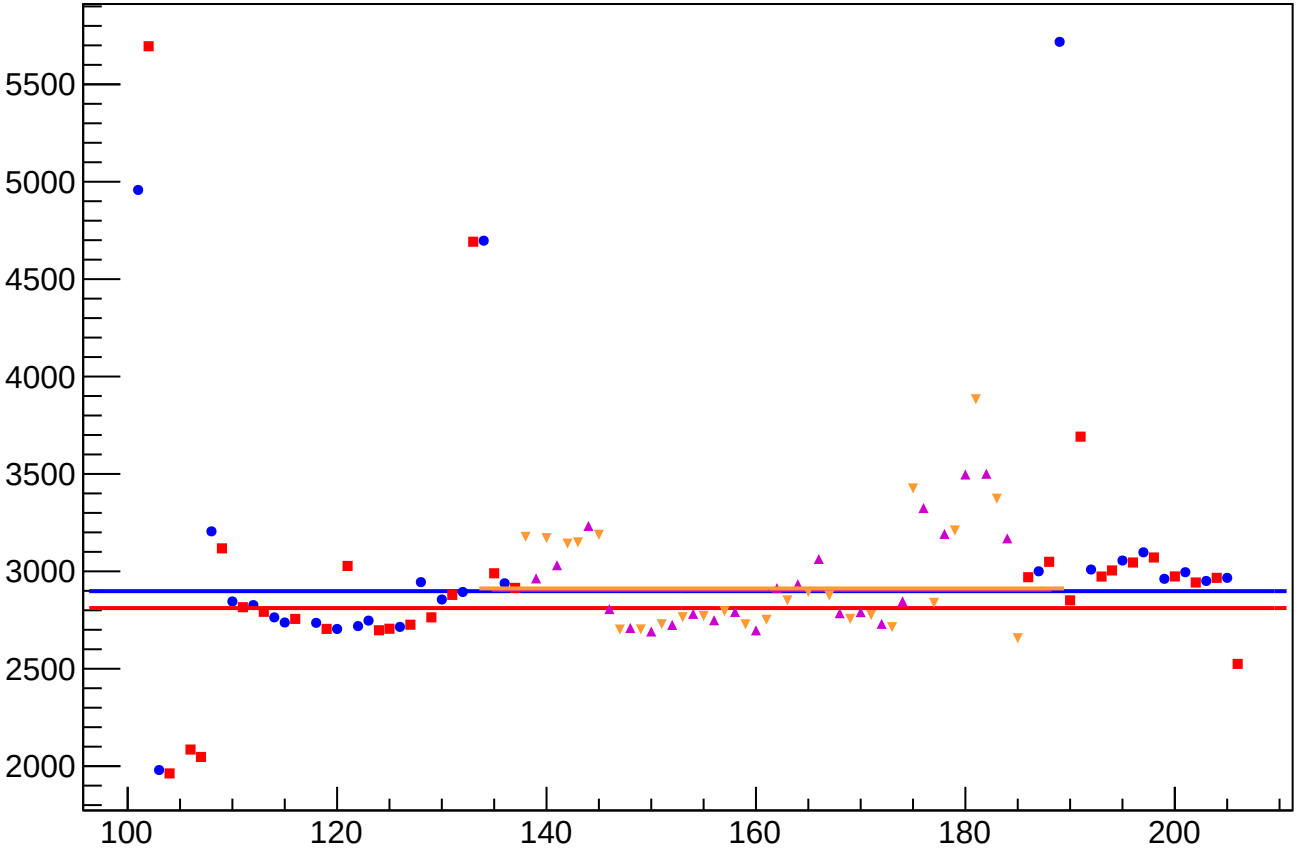
Right: 2370.560+/-548.289 χ^2/NDF: 60.9/55

In: 3449.869+/-532.658 χ^2/NDF:37.3/48

Out: 1275.333+/-499.907 χ^2/NDF:54.3/54

All: 2293.699+/-364.516 χ^2/NDF: 100.4/103

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2898.218+/-0.586 χ^2/NDF: 771845.4/25

Left Out: 2912.211+/-0.484 χ^2/NDF:290908.5/24

Right Out: 2811.393+/-0.517 χ^2/NDF: 868119.1/29

Left In: 2904.472+/-0.492 χ^2/NDF:217578.9/22

Left: 2908.403+/-0.345 χ^2/NDF: 508613.1/47

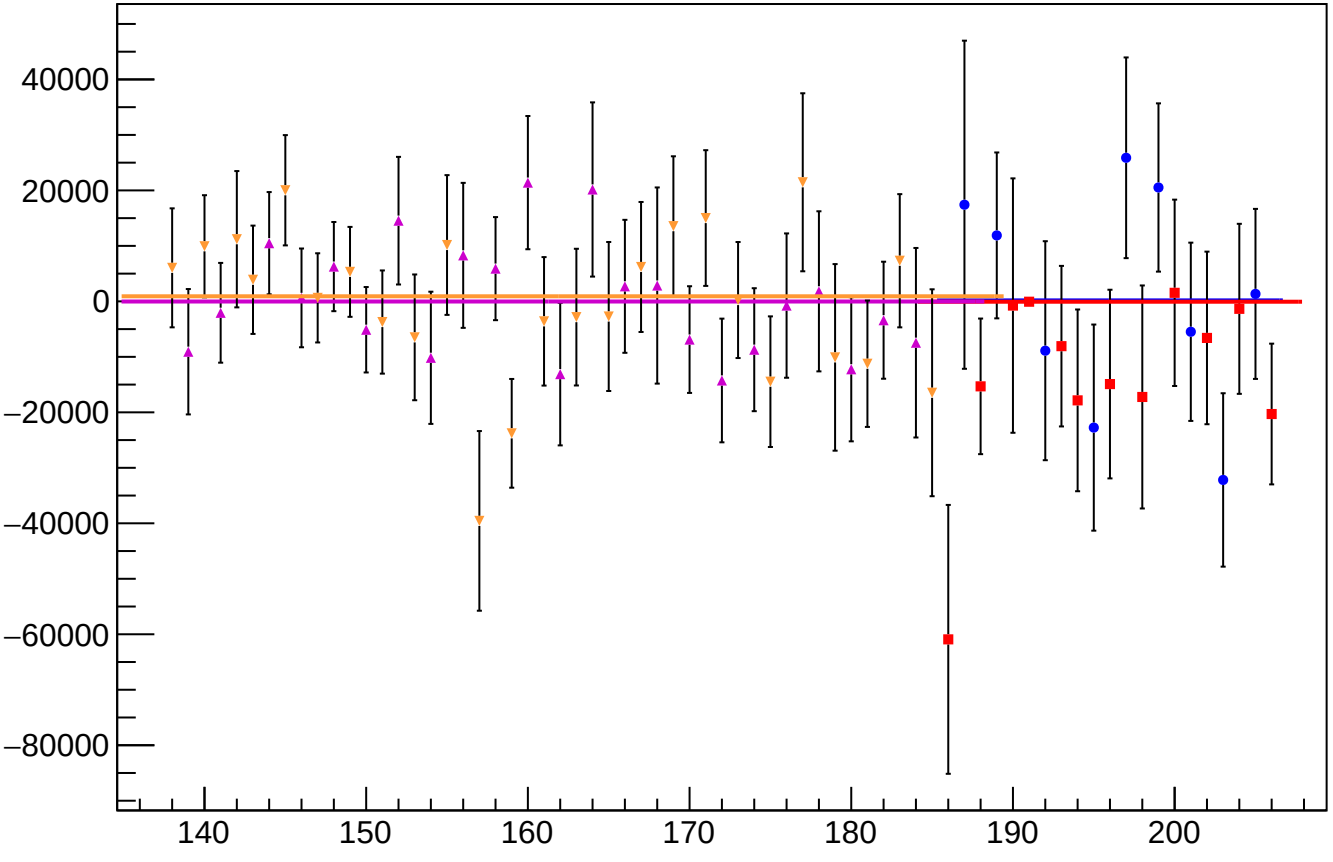
Right: 2849.451+/-0.388 χ^2/NDF: 1652314.3/55

In: 2901.884+/-0.377 χ^2/NDF:989491.1/48

Out: 2865.135+/-0.353 χ^2/NDF:1179277.7/54

All: 2882.344+/-0.258 χ^2/NDF: 2173830.6/10

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: 176.066+/-5705.690 χ^2/NDF: 10.9/8

Left Out: 916.096+/-2238.762 χ^2/NDF:28.7/24

Right Out: -63.149+/-29.129 χ^2/NDF: 13.6/11

Left In: -25.729+/-2280.428 χ^2/NDF:16.1/22

Left: 453.866+/-1597.571 χ^2/NDF: 44.9/47

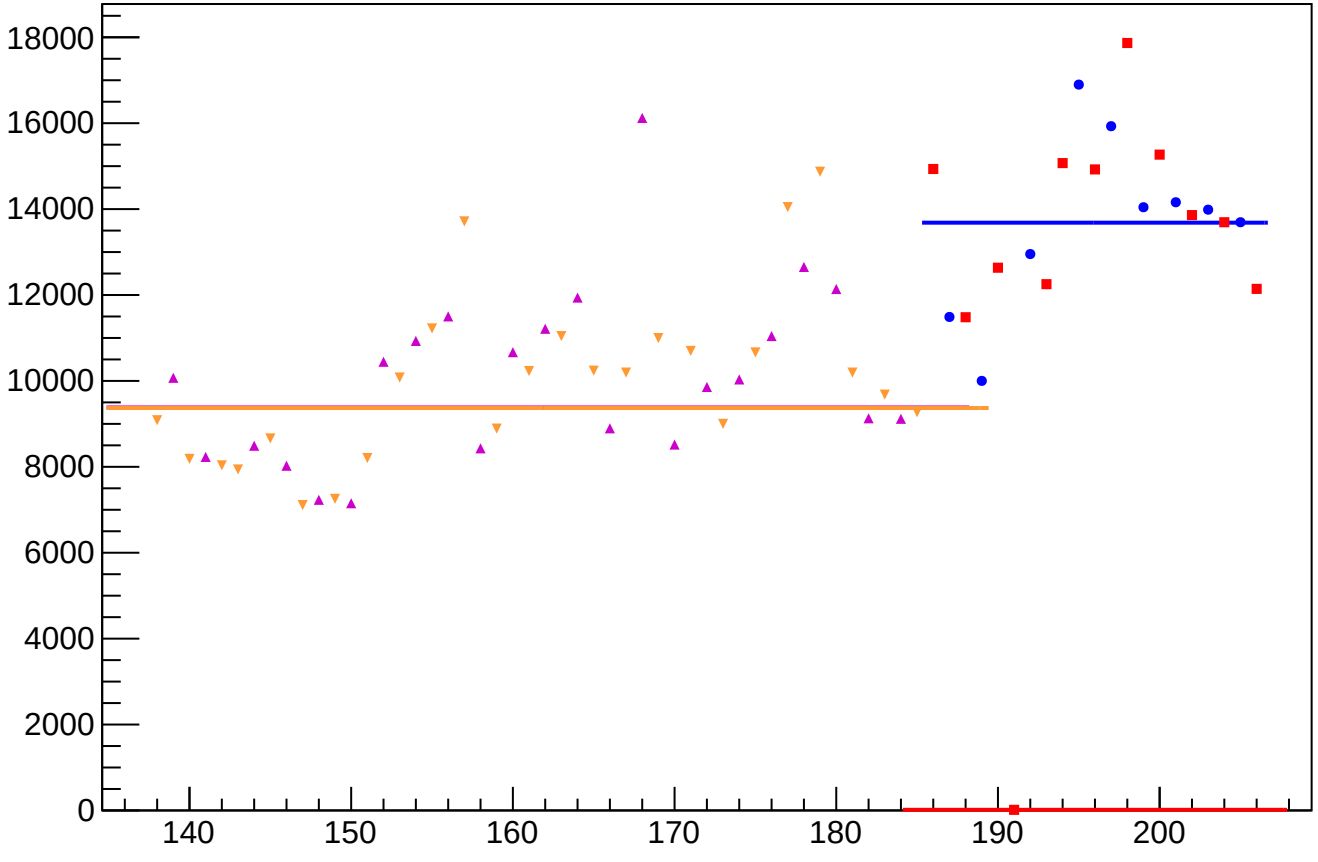
Right: -63.142+/-29.128 χ^2/NDF: 24.5/20

In: 2.066+/-2117.560 χ^2/NDF:27.0/31

Out: -62.983+/-29.126 χ^2/NDF:42.5/36

All: -62.971+/-29.124 χ^2/NDF: 69.5/68

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 13684.185+/-4.035 χ^2/NDF: 229536.4/8

Left Out: 9369.034+/-1.583 χ^2/NDF:1183012.4/24

Right Out: 14.932+/-0.021 χ^2/NDF: 16020427.9/11

Left In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

Left: 9375.755+/-1.130 χ^2/NDF: 2388697.9/47

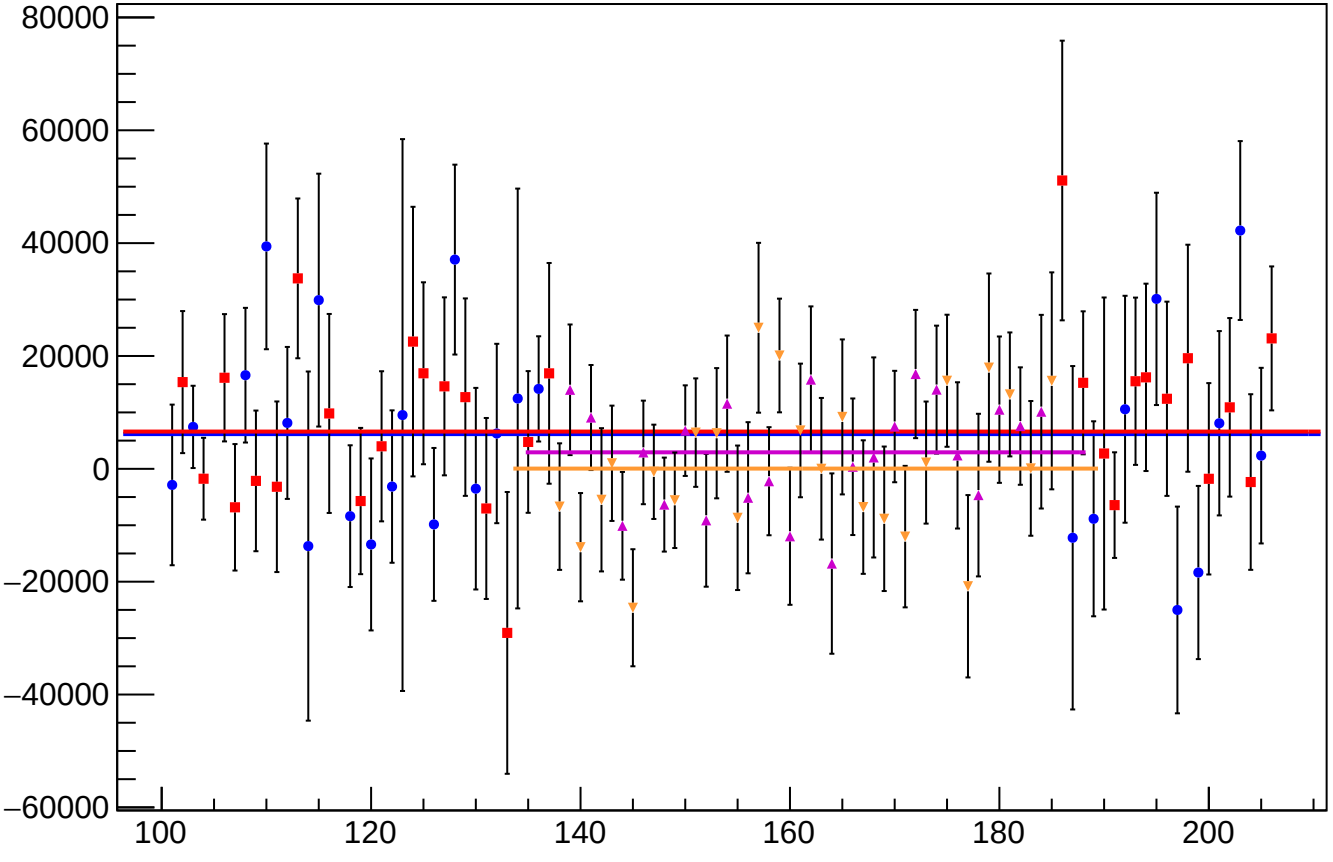
Right: 15.288+/-0.021 χ^2/NDF: 27728645.0/20

In: 9975.204+/-1.497 χ^2/NDF:2415315.9/31

Out: 16.515+/-0.021 χ^2/NDF:52113032.4/36

All: 18.399+/-0.021 χ^2/NDF: 98754642.7/68

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6154.190+/-2936.428 χ^2/NDF: 28.9/25

Left Out: 43.265+/-2290.867 χ^2/NDF:25.9/24

Right Out: 6605.845+/-2569.620 χ^2/NDF: 23.0/29

Left In: 2925.533+/-2330.587 χ^2/NDF:14.6/22

Left: 1459.628+/-1633.750 χ^2/NDF: 41.2/47

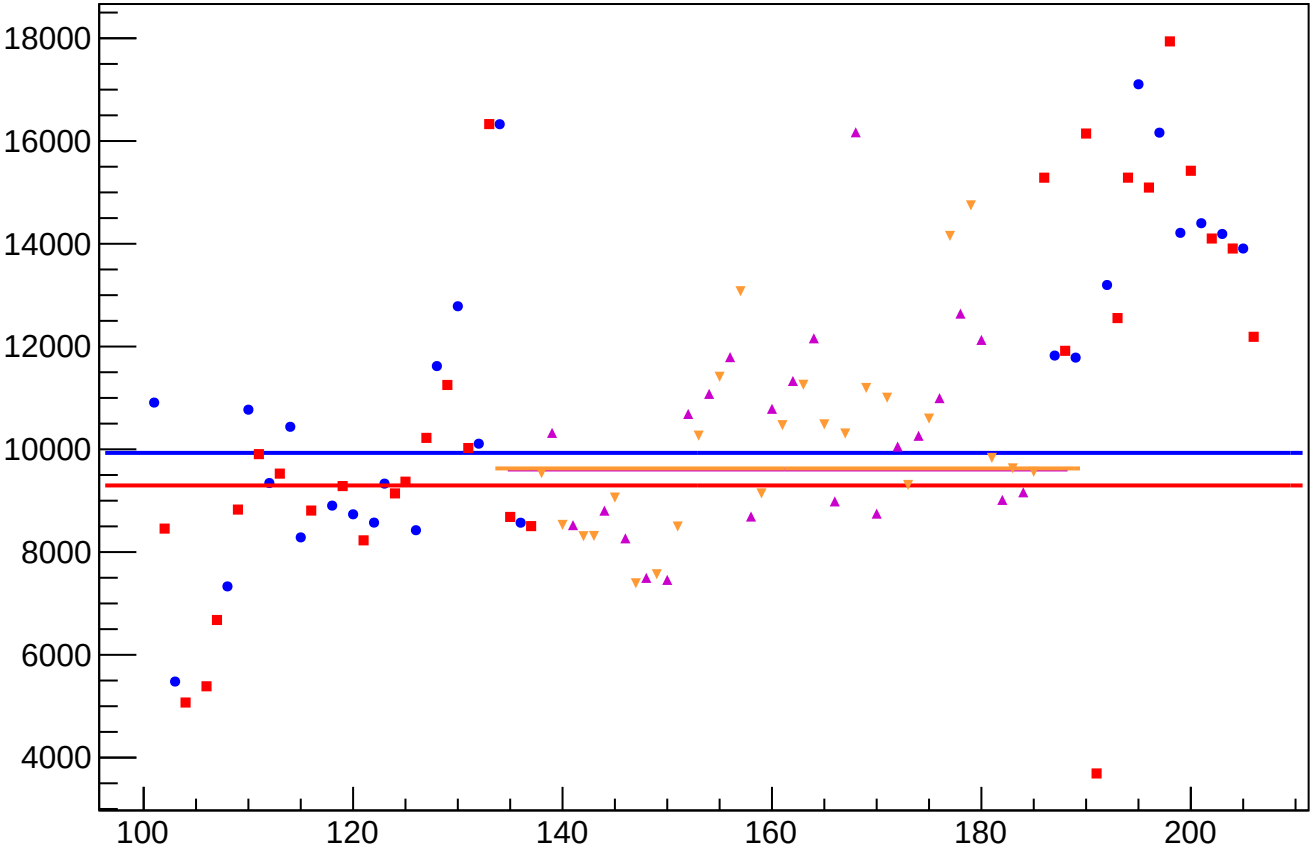
Right: 6409.974+/-1933.756 χ^2/NDF: 51.9/55

In: 4173.333+/-1825.496 χ^2/NDF:44.2/48

Out: 2949.419+/-1709.979 χ^2/NDF:52.5/54

All: 3521.429+/-1247.979 χ^2/NDF: 97.0/103

asym_atr2_rms vs Slug, Sign Corrected



Right In: 9930.464+/-2.076 χ^2/NDF: 2299048.3/25

Left Out: 9627.824+/-1.620 χ^2/NDF:1004641.7/24

Right Out: 9296.597+/-1.817 χ^2/NDF: 3980315.6/29

Left In: 9607.553+/-1.648 χ^2/NDF:1085465.7/22

Left: 9617.863+/-1.155 χ^2/NDF: 2090184.3/47

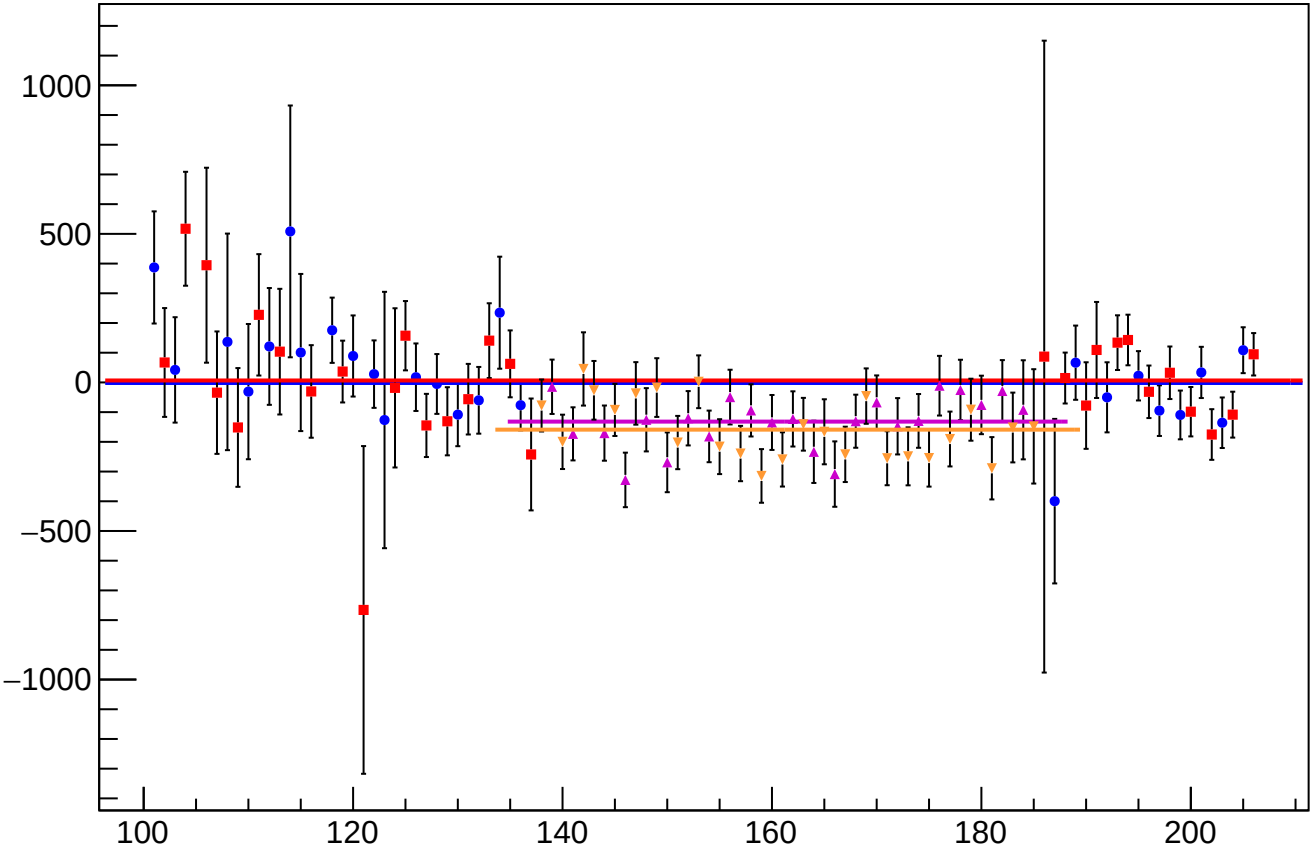
Right: 9571.480+/-1.367 χ^2/NDF: 6332143.4/55

In: 9732.351+/-1.291 χ^2/NDF:3399352.4/48

Out: 9481.139+/-1.209 χ^2/NDF:5003473.0/54

All: 9598.544+/-0.882 χ^2/NDF: 8422999.1/10

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: -1.823+/-23.037 χ^2/NDF: 23.5/25

Left Out: -158.948+/-19.453 χ^2/NDF:25.8/24

Right Out: 6.572+/-21.457 χ^2/NDF: 36.7/29

Left In: -131.879+/-20.076 χ^2/NDF:17.8/22

Left: -145.840+/-13.970 χ^2/NDF: 44.5/47

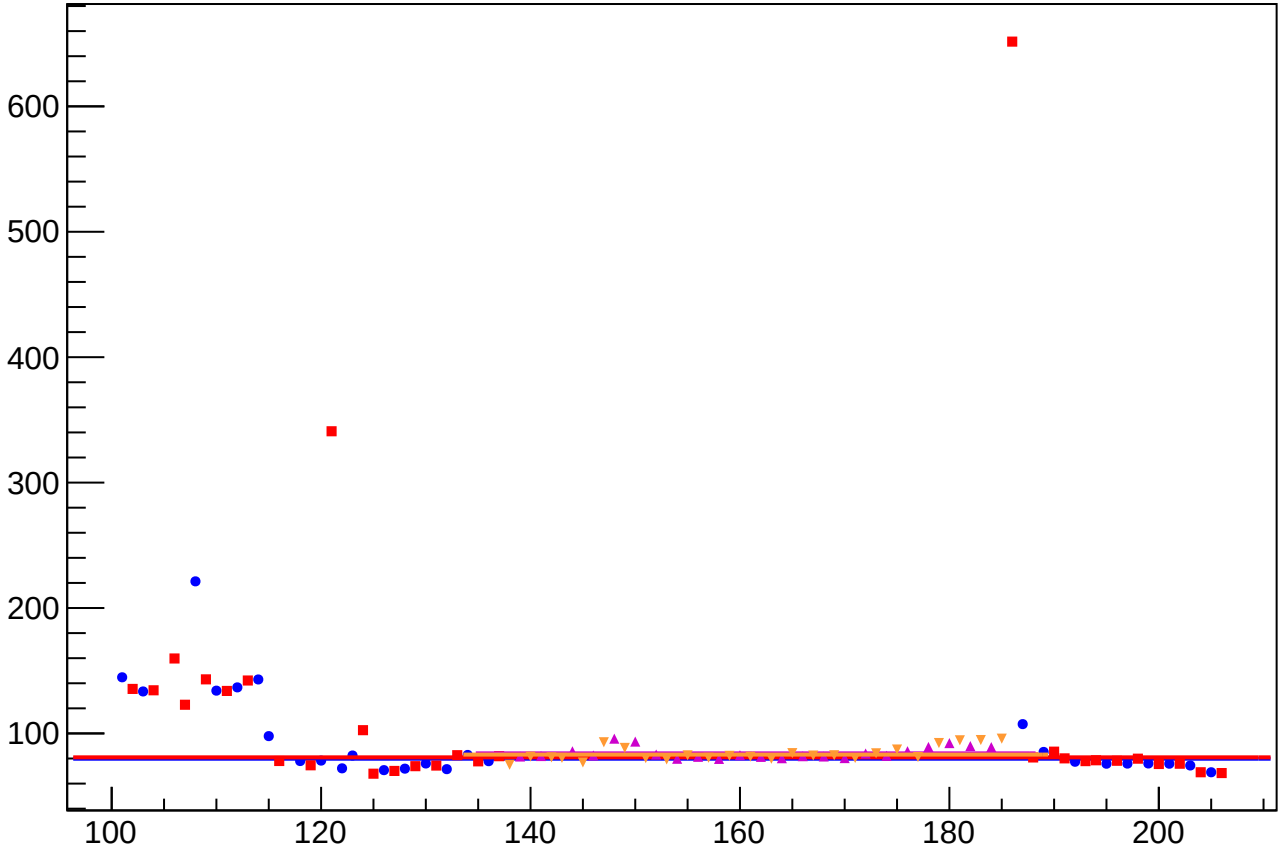
Right: 2.672+/-15.701 χ^2/NDF: 60.3/55

In: -75.742+/-15.135 χ^2/NDF:59.4/48

Out: -84.277+/-14.412 χ^2/NDF:95.1/54

All: -80.218+/-10.437 χ^2/NDF: 154.7/103

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 79.837+/-0.016 χ^2/NDF: 1194721.6/25

Left Out: 83.126+/-0.014 χ^2/NDF:138741.0/24

Right Out: 80.933+/-0.015 χ^2/NDF: 2262586.9/29

Left In: 84.108+/-0.014 χ^2/NDF:96934.3/22

Left: 83.602+/-0.010 χ^2/NDF: 238144.0/47

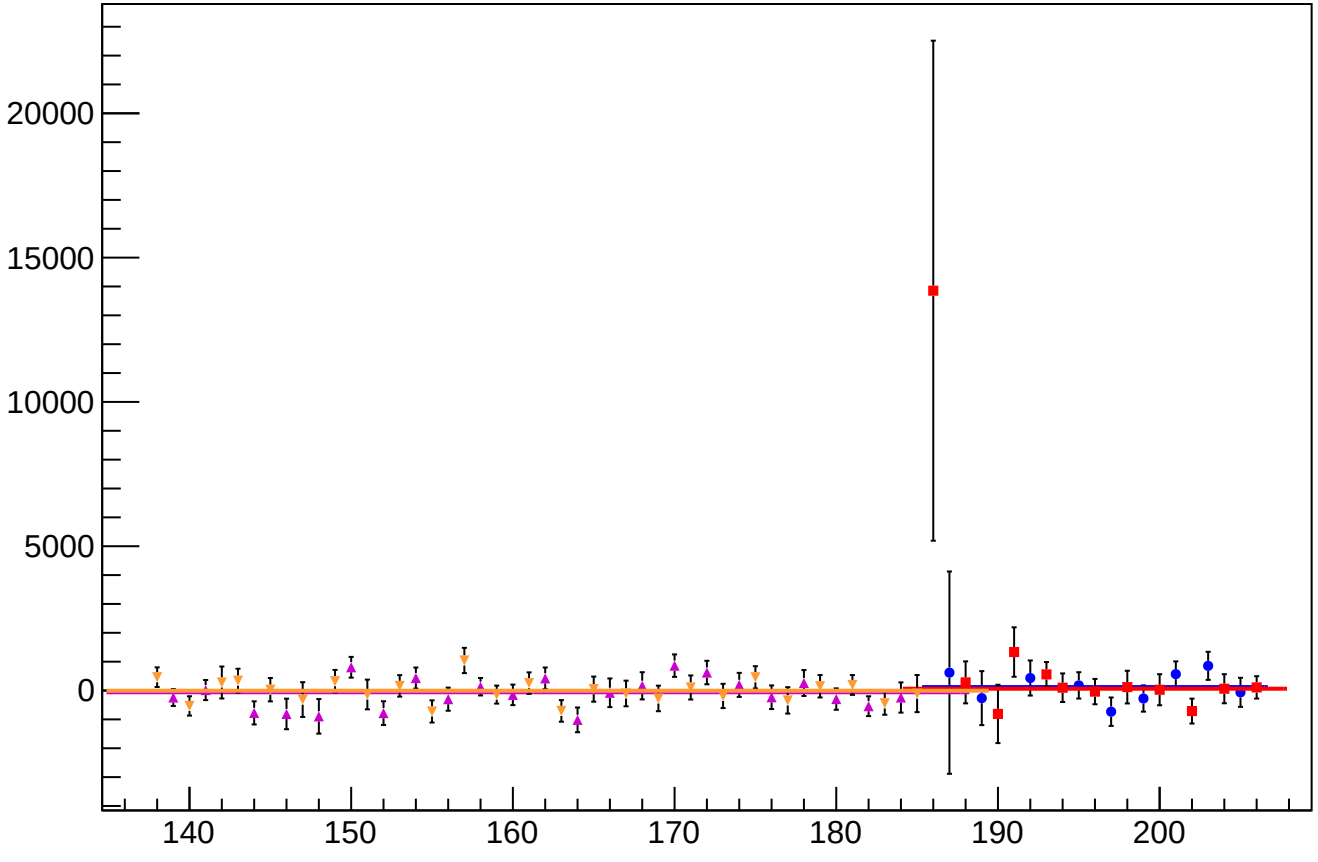
Right: 80.424+/-0.011 χ^2/NDF: 3459733.3/55

In: 82.265+/-0.011 χ^2/NDF:1330734.2/48

Out: 82.137+/-0.010 χ^2/NDF:2412794.8/54

All: 82.198+/-0.007 χ^2/NDF: 3743603.8/103

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 119.252+/-179.714 χ^2/NDF: 7.7/8

Left Out: -6.627+/-81.138 χ^2/NDF:24.4/24

Right Out: 63.210+/-155.234 χ^2/NDF: 10.2/11

Left In: -59.971+/-82.046 χ^2/NDF:38.0/22

Left: -33.002+/-57.692 χ^2/NDF: 62.6/47

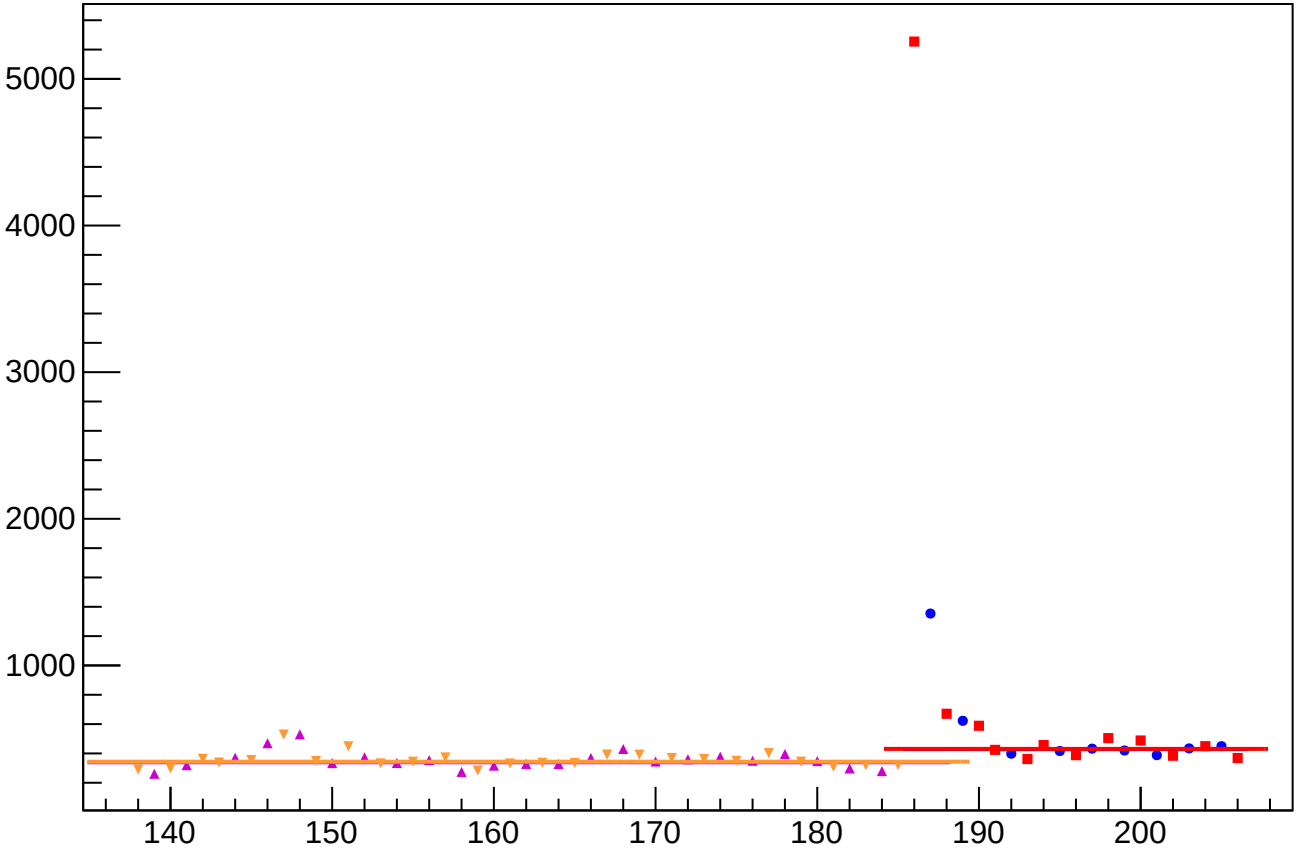
Right: 87.157+/-117.476 χ^2/NDF: 17.9/20

In: -29.059+/-74.636 χ^2/NDF:46.5/31

Out: 8.358+/-71.908 χ^2/NDF:34.8/36

All: -9.654+/-51.784 χ^2/NDF: 81.4/68

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 429.604+/-0.127 χ^2/NDF: 253029.3/8

Left Out: 343.620+/-0.057 χ^2/NDF:571090.7/24

Right Out: 430.990+/-0.110 χ^2/NDF: 1097204.6/11

Left In: 339.804+/-0.058 χ^2/NDF:799750.5/22

Left: 341.733+/-0.041 χ^2/NDF: 1373028.9/47

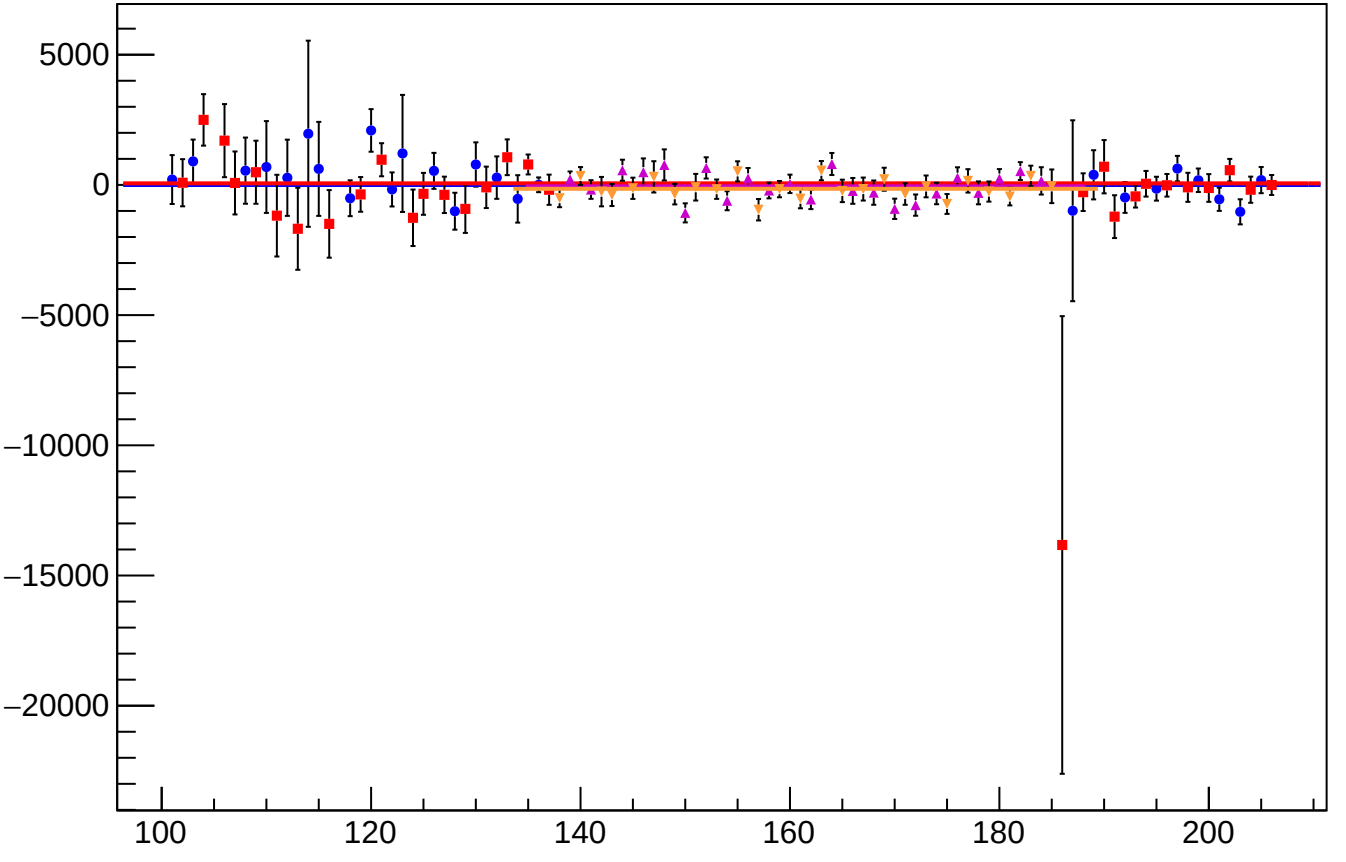
Right: 430.398+/-0.083 χ^2/NDF: 1350302.0/20

In: 355.292+/-0.053 χ^2/NDF:1466017.8/31

Out: 362.367+/-0.051 χ^2/NDF:2165901.5/36

All: 358.962+/-0.037 χ^2/NDF: 3641239.6/68

asym_sam1_mean vs Slug, Sign Corrected



Right In: -3.601+/-126.639 χ^2/NDF: 22.5/25

Left Out: -148.809+/-81.017 χ^2/NDF:22.0/24

Right Out: 60.002+/-118.291 χ^2/NDF: 31.2/29

Left In: -56.402+/-82.155 χ^2/NDF:39.7/22

Left: -103.250+/-57.686 χ^2/NDF: 62.3/47

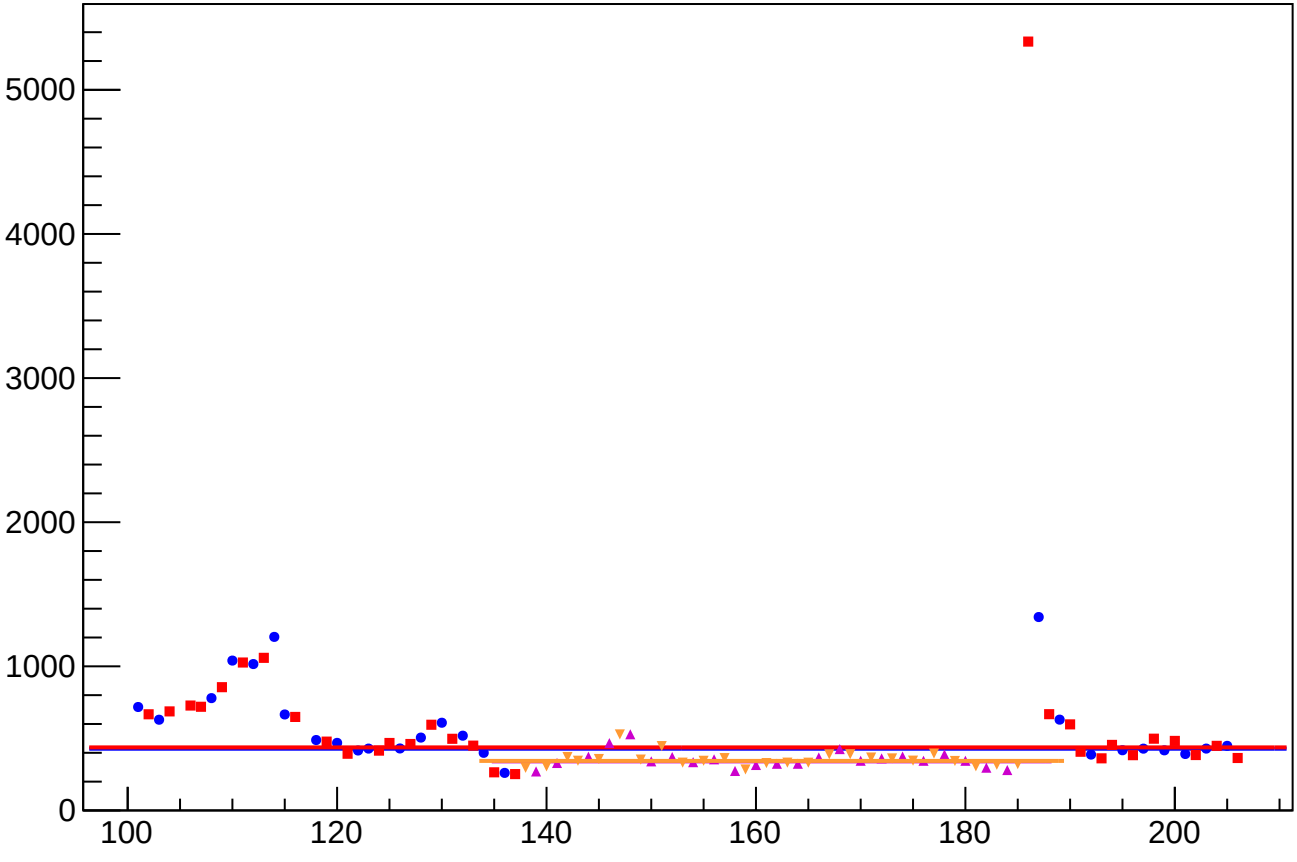
Right: 30.366+/-86.445 χ^2/NDF: 53.9/55

In: -40.763+/-68.922 χ^2/NDF:62.3/48

Out: -82.135+/-66.843 χ^2/NDF:55.4/54

All: -62.083+/-47.983 χ^2/NDF: 117.9/103

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.323+/-0.090 χ^2/NDF: 2270329.7/25

Left Out: 343.762+/-0.057 χ^2/NDF:539246.3/24

Right Out: 437.544+/-0.084 χ^2/NDF: 3153243.1/29

Left In: 340.519+/-0.058 χ^2/NDF:737049.6/22

Left: 342.163+/-0.041 χ^2/NDF: 1277875.5/47

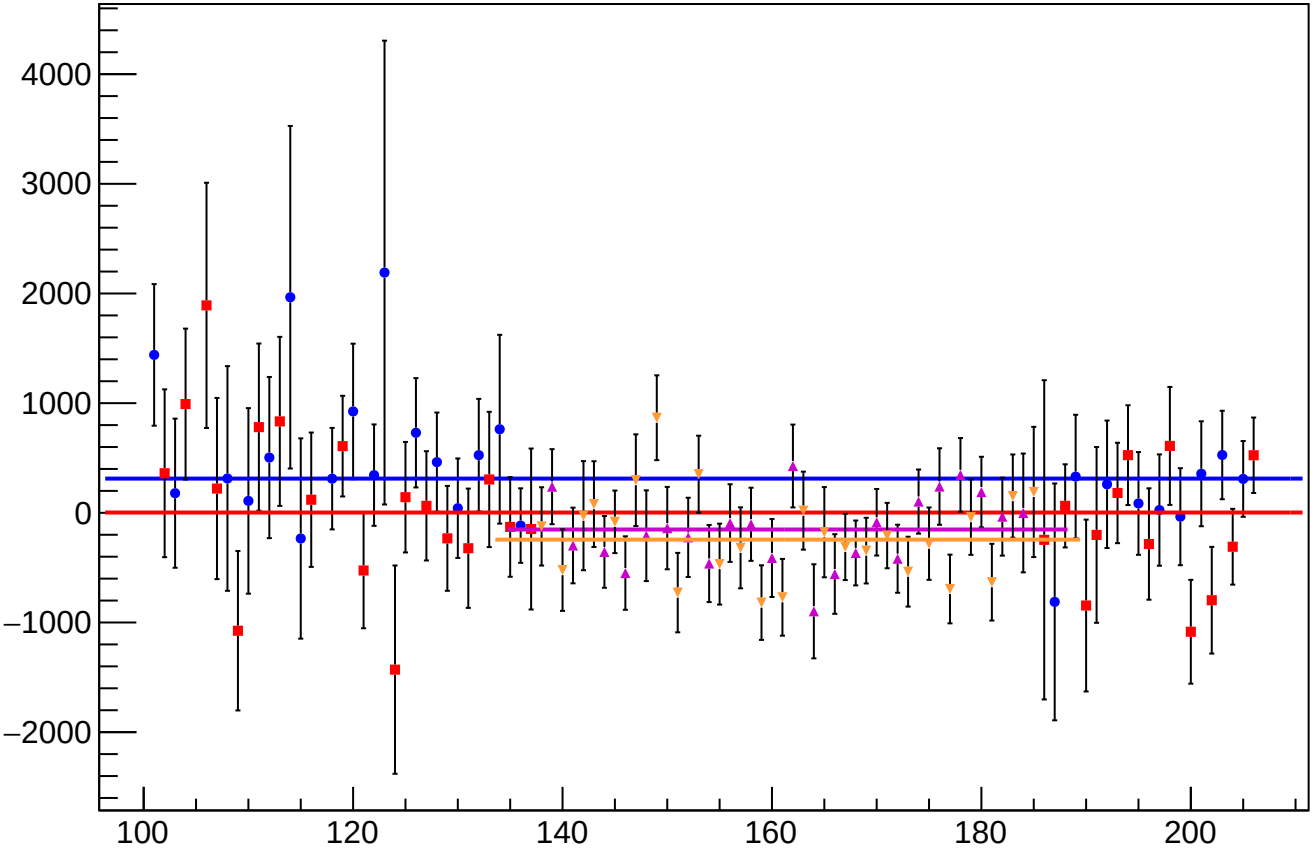
Right: 433.247+/-0.061 χ^2/NDF: 5429234.8/55

In: 366.527+/-0.049 χ^2/NDF:3684046.3/48

Out: 373.707+/-0.047 χ^2/NDF:4548181.6/54

All: 370.227+/-0.034 χ^2/NDF: 8243412.3/103

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 312.205+/-105.660 χ^2/NDF: 12.2/25

Left Out: -244.459+/-70.636 χ^2/NDF:28.9/24

Right Out: 2.831+/-99.190 χ^2/NDF: 31.2/29

Left In: -152.030+/-72.312 χ^2/NDF:18.2/22

Left: -199.328+/-50.529 χ^2/NDF: 47.9/47

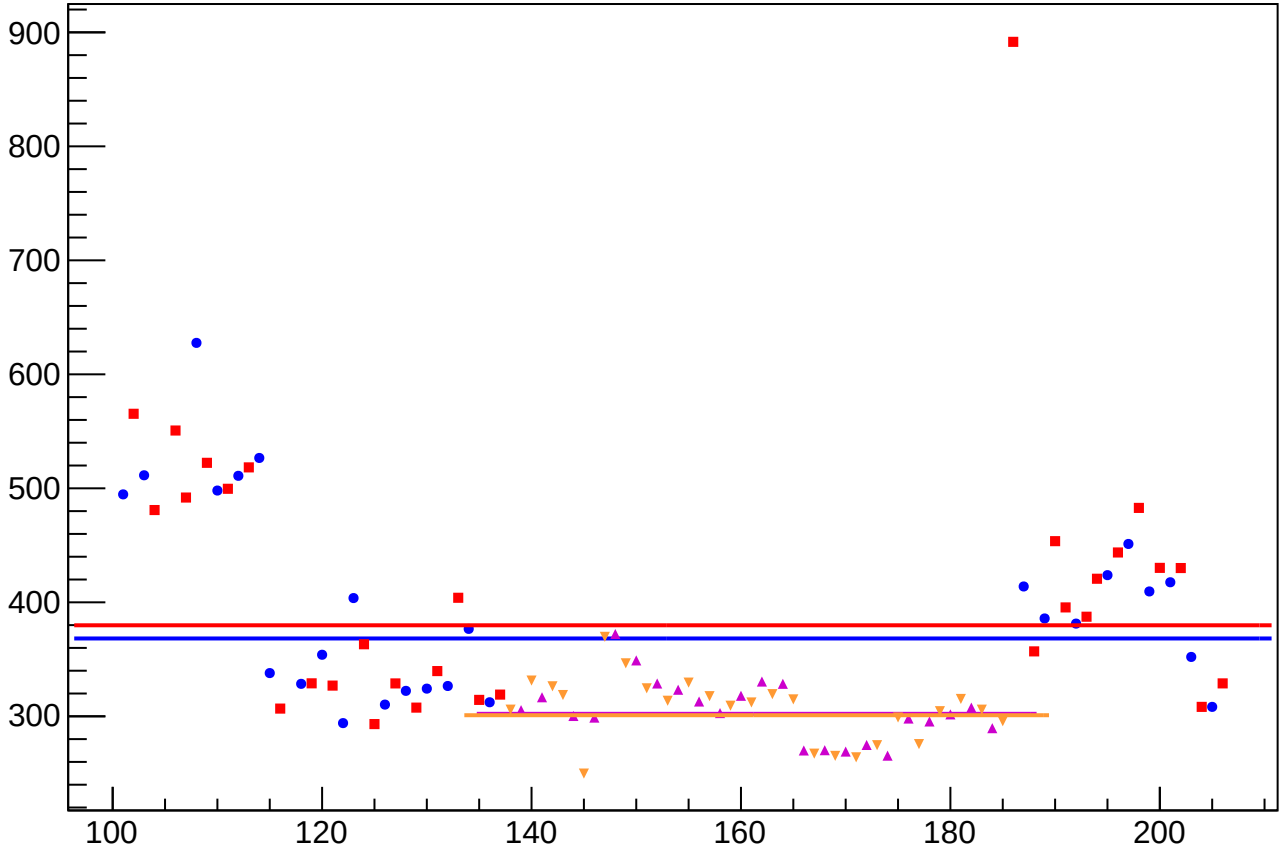
Right: 147.756+/-72.317 χ^2/NDF: 48.0/55

In: -3.950+/-59.675 χ^2/NDF:43.5/48

Out: -161.249+/-57.538 χ^2/NDF:64.2/54

All: -85.467+/-41.420 χ^2/NDF: 111.3/103

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 368.282+/-0.075 χ^2/NDF: 831227.7/25

Left Out: 300.961+/-0.050 χ^2/NDF:322200.5/24

Right Out: 379.852+/-0.070 χ^2/NDF: 1272403.1/29

Left In: 302.180+/-0.051 χ^2/NDF:247468.9/22

Left: 301.556+/-0.036 χ^2/NDF: 569960.3/47

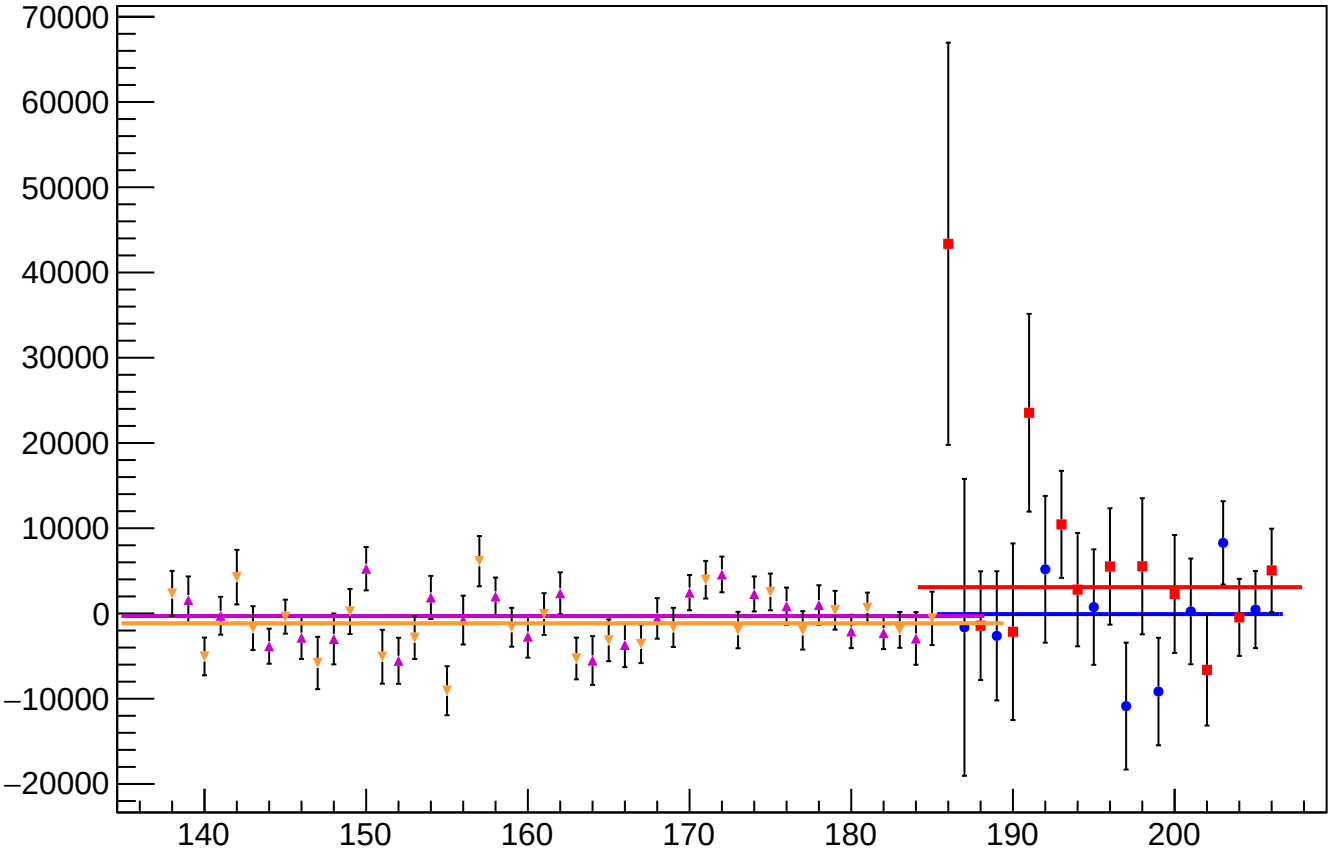
Right: 374.432+/-0.051 χ^2/NDF: 2116379.7/55

In: 323.265+/-0.042 χ^2/NDF:1611784.3/48

Out: 327.507+/-0.041 χ^2/NDF:2434079.5/54

All: 325.463+/-0.029 χ^2/NDF: 4051101.4/103

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -72.612+/-2151.859 χ^2/NDF: 7.6/8

Left Out: -1146.466+/-479.950 χ^2/NDF:41.3/24

Right Out: 3088.962+/-1949.210 χ^2/NDF: 11.4/11

Left In: -298.915+/-491.476 χ^2/NDF:35.0/22

Left: -732.745+/-343.379 χ^2/NDF: 77.8/47

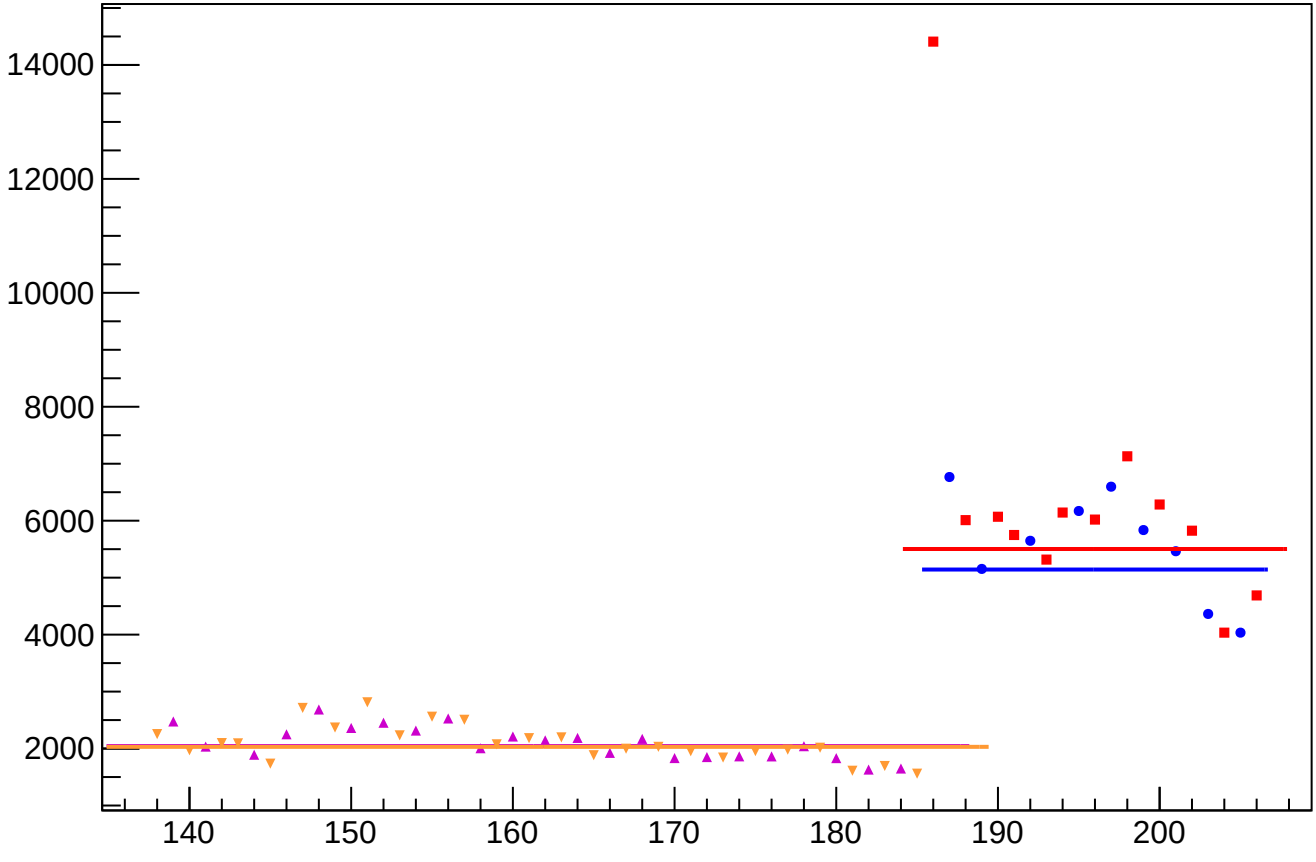
Right: 1664.020+/-1444.644 χ^2/NDF: 20.2/20

In: -287.696+/-479.138 χ^2/NDF:42.6/31

Out: -904.358+/-466.031 χ^2/NDF:57.1/36

All: -604.577+/-334.071 χ^2/NDF: 100.5/68

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 5142.627+/-1.522 χ^2/NDF: 347053.8/8

Left Out: 2030.179+/-0.339 χ^2/NDF:702523.9/24

Right Out: 5503.102+/-1.378 χ^2/NDF: 716032.2/11

Left In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

Left: 2036.953+/-0.243 χ^2/NDF: 1273875.5/47

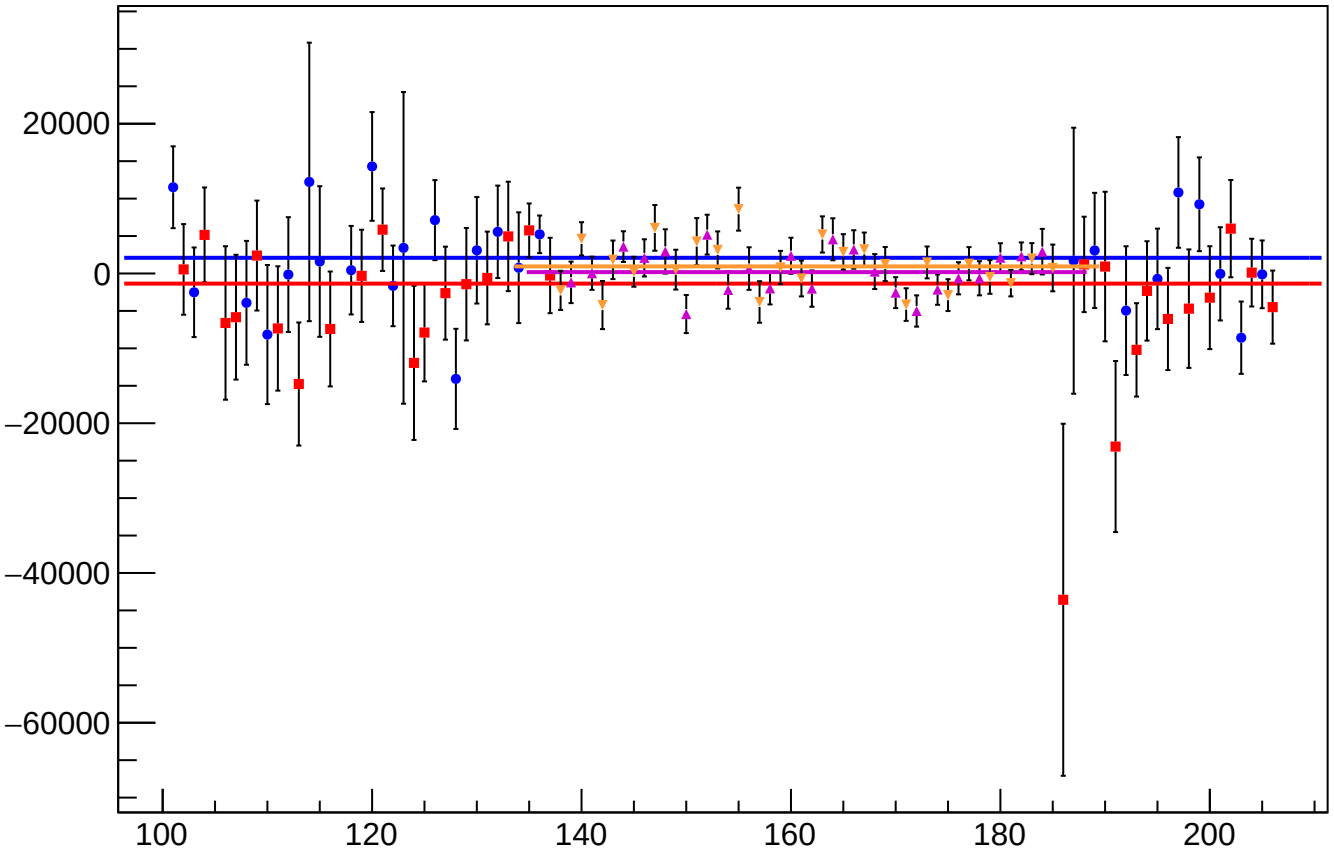
Right: 5340.634+/-1.022 χ^2/NDF: 1093914.8/20

In: 2197.678+/-0.339 χ^2/NDF:4858909.5/31

Out: 2228.701+/-0.330 χ^2/NDF:7404595.4/36

All: 2213.620+/-0.236 χ^2/NDF: 12267813.3/6

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2094.164+/-1196.016 χ^2/NDF: 26.6/25

Left Out: 942.775+/-474.439 χ^2/NDF:38.3/24

Right Out: -1353.744+/-1191.562 χ^2/NDF: 26.0/29

Left In: 180.087+/-486.112 χ^2/NDF:32.9/22

Left: 570.698+/-339.531 χ^2/NDF: 72.5/47

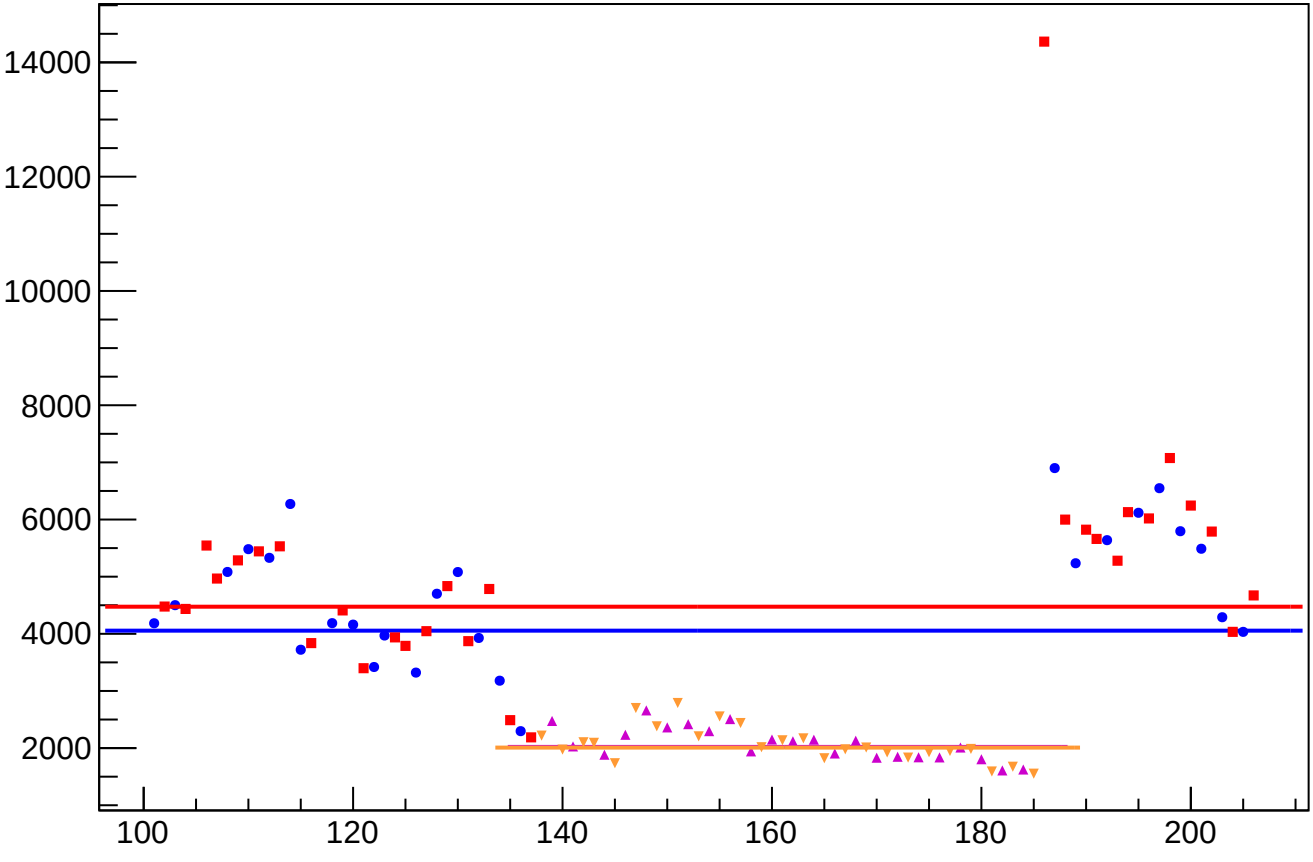
Right: 363.778+/-844.132 χ^2/NDF: 56.7/55

In: 451.455+/-450.336 χ^2/NDF:61.7/48

Out: 628.516+/-440.784 χ^2/NDF:67.5/54

All: 541.883+/-315.004 χ^2/NDF: 129.2/103

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4055.278+/-0.846 χ^2/NDF: 2160368.6/25

Left Out: 2008.897+/-0.335 χ^2/NDF:709254.4/24

Right Out: 4474.554+/-0.843 χ^2/NDF: 2529664.3/29

Left In: 2020.887+/-0.344 χ^2/NDF:576363.5/22

Left: 2014.747+/-0.240 χ^2/NDF: 1286241.1/47

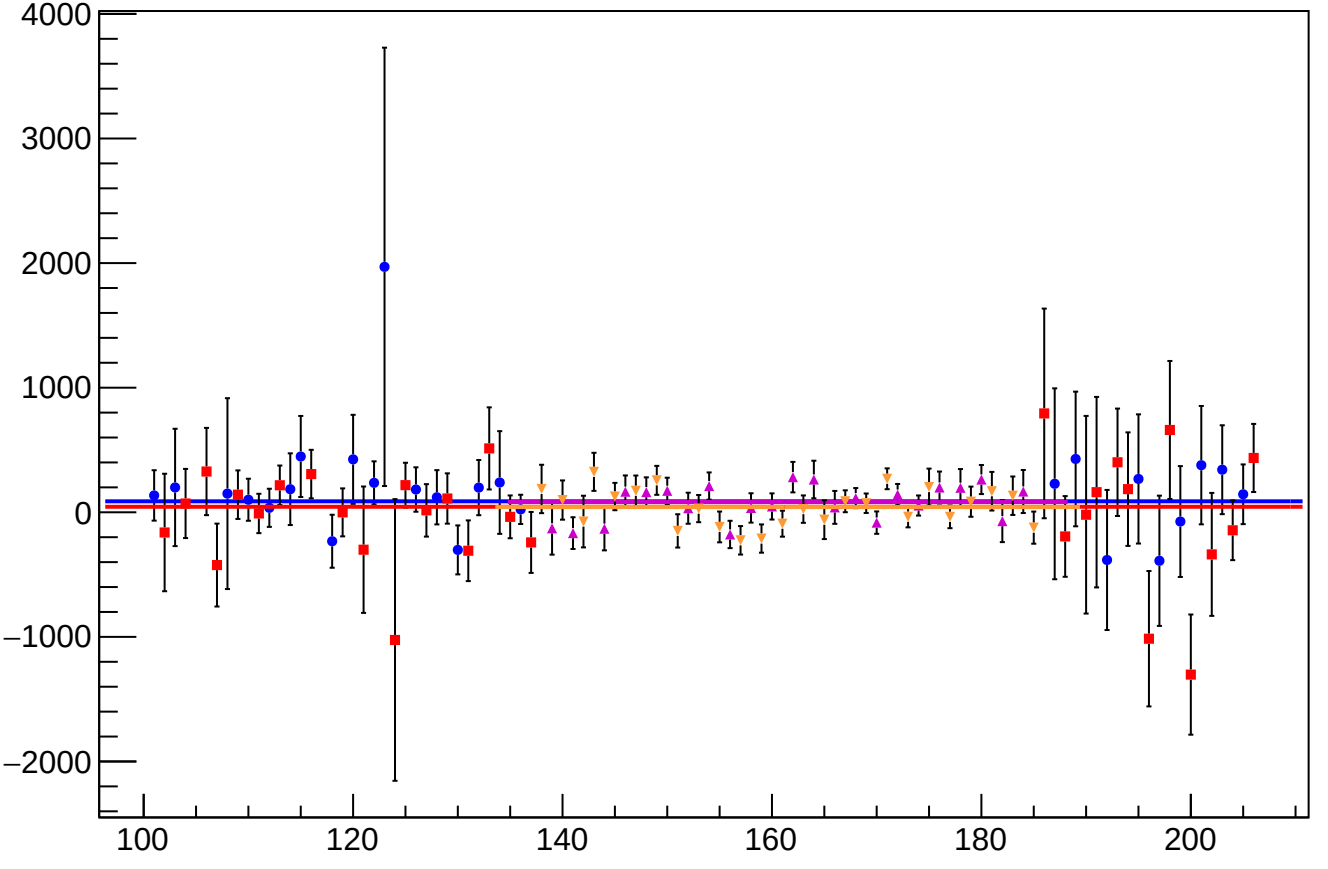
Right: 4265.698+/-0.597 χ^2/NDF: 4813384.1/55

In: 2309.313+/-0.318 χ^2/NDF:7702952.0/48

Out: 2346.302+/-0.312 χ^2/NDF:10630758.3/54

All: 2328.204+/-0.223 χ^2/NDF: 18340601.2/1

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 87.996+/-48.703 χ^2/NDF: 14.7/25

Left Out: 41.847+/-23.035 χ^2/NDF:39.1/24

Right Out: 44.272+/-48.561 χ^2/NDF: 32.6/29

Left In: 82.630+/-24.154 χ^2/NDF:28.6/22

Left: 61.273+/-16.670 χ^2/NDF: 69.2/47

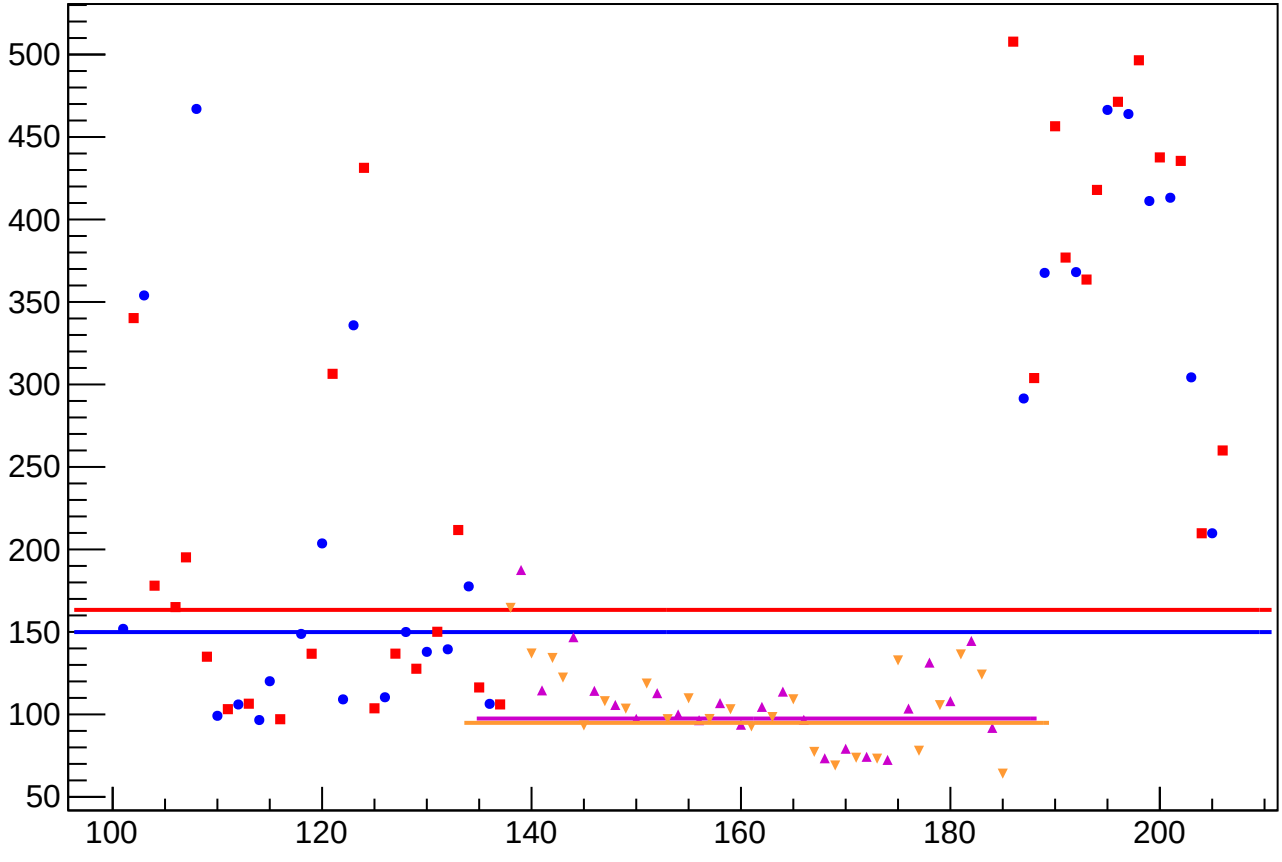
Right: 66.070+/-34.388 χ^2/NDF: 47.7/55

In: 83.689+/-21.639 χ^2/NDF:43.3/48

Out: 42.293+/-20.813 χ^2/NDF:71.8/54

All: 62.186+/-15.000 χ^2/NDF: 117.0/103

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 149.908+/-0.034 χ^2/NDF: 5688163.4/25

Left Out: 94.886+/-0.016 χ^2/NDF:1796861.0/24

Right Out: 163.359+/-0.034 χ^2/NDF: 7204854.5/29

Left In: 97.499+/-0.017 χ^2/NDF:1561333.1/22

Left: 96.131+/-0.012 χ^2/NDF: 3370445.2/47

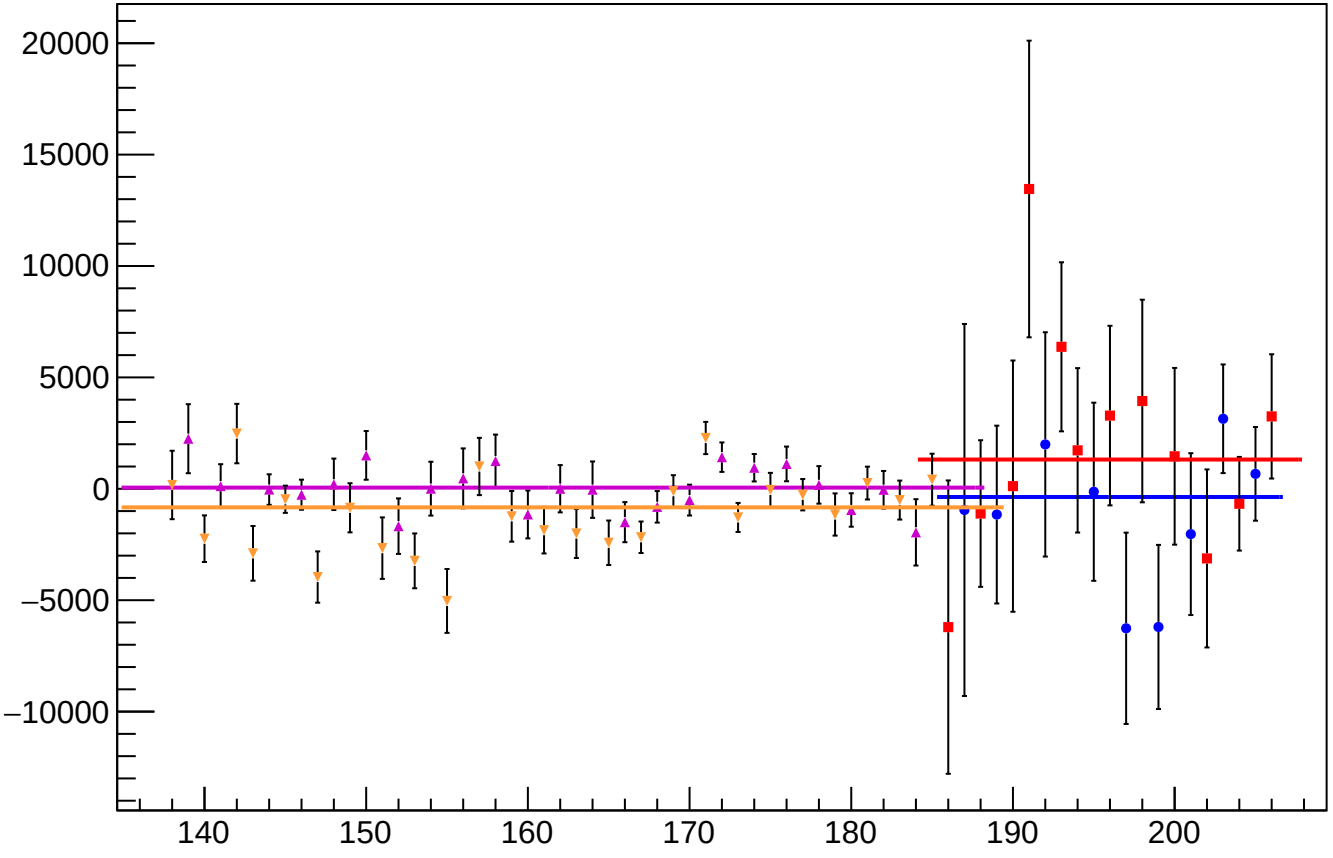
Right: 156.653+/-0.024 χ^2/NDF: 12969512.6/55

In: 107.844+/-0.015 χ^2/NDF:9108292.8/48

Out: 107.464+/-0.015 χ^2/NDF:12247664.9/54

All: 107.647+/-0.011 χ^2/NDF: 21356279.0/10

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -367.980+/-1134.156 χ^2/NDF: 7.2/8

Left Out: -832.580+/-183.960 χ^2/NDF:68.8/24

Right Out: 1314.076+/-1052.108 χ^2/NDF: 10.2/11

Left In: 53.006+/-184.870 χ^2/NDF:25.3/22

Left: -391.972+/-130.400 χ^2/NDF: 105.7/47

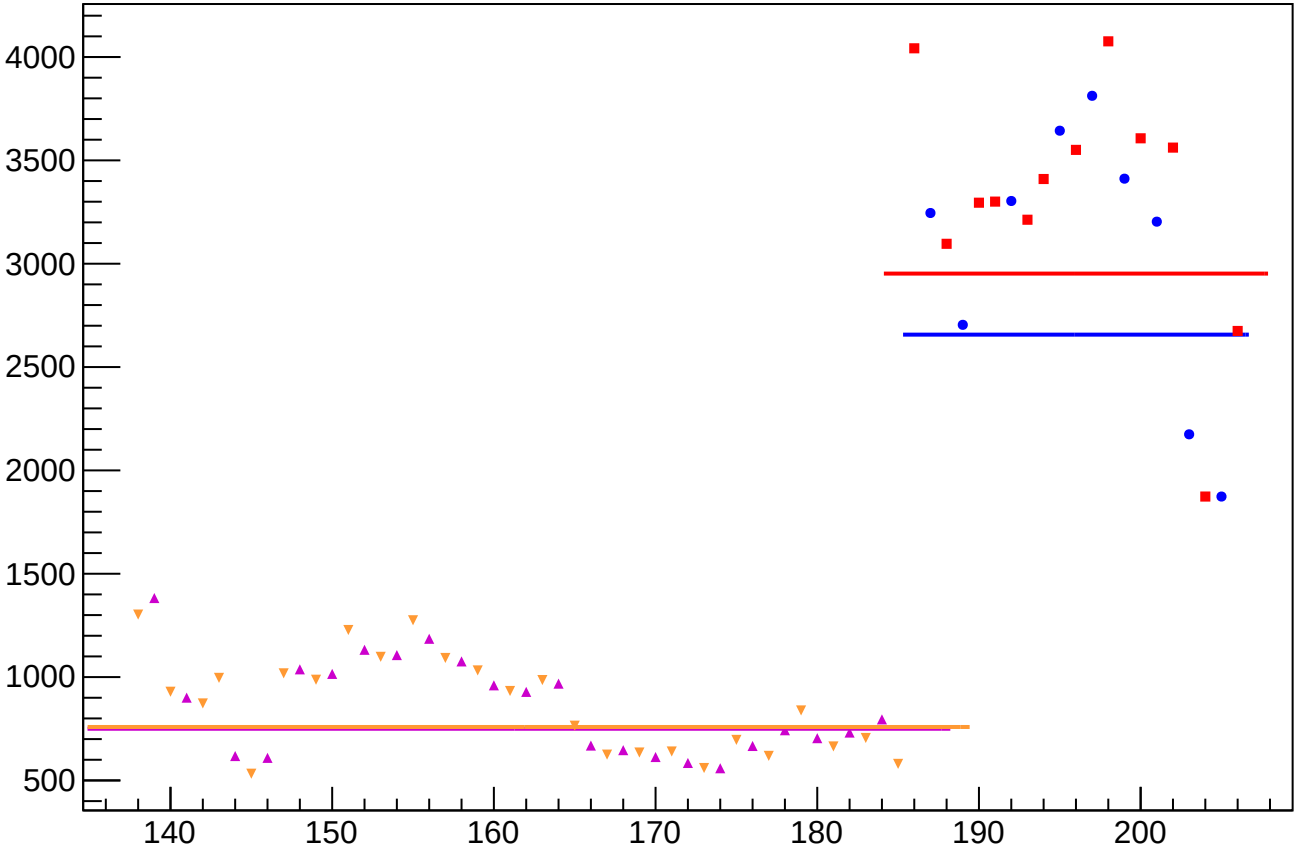
Right: 536.085+/-771.329 χ^2/NDF: 18.6/20

In: 42.110+/-182.462 χ^2/NDF:32.6/31

Out: -768.898+/-181.211 χ^2/NDF:83.0/36

All: -366.184+/-128.576 χ^2/NDF: 125.6/68

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 2656.861+/-0.802 χ^2/NDF: 795120.7/8

Left Out: 758.608+/-0.130 χ^2/NDF:2453711.9/24

Right Out: 2952.227+/-0.744 χ^2/NDF: 925500.5/11

Left In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

Left: 754.323+/-0.092 χ^2/NDF: 4642527.3/47

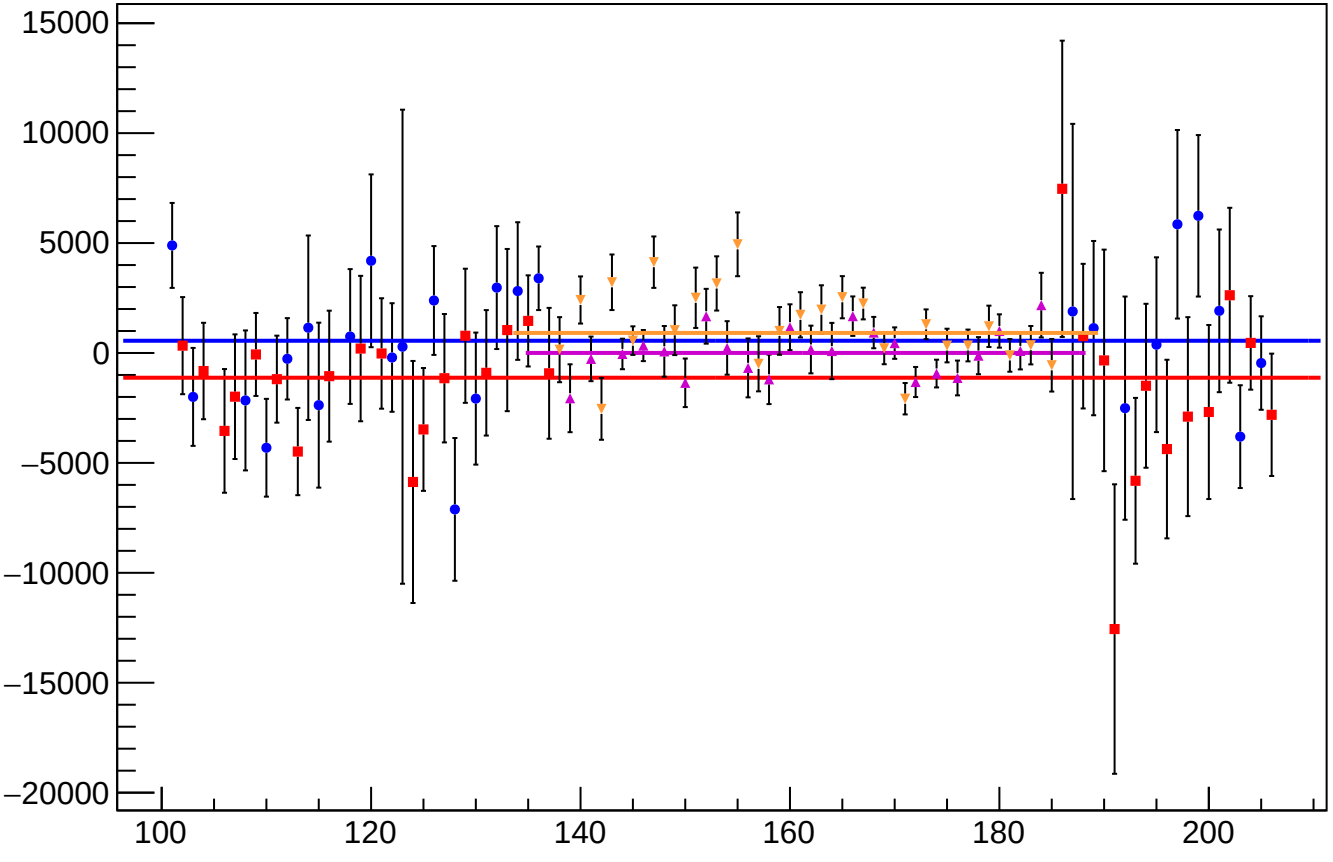
Right: 2815.613+/-0.545 χ^2/NDF: 1793527.3/20

In: 799.349+/-0.129 χ^2/NDF:8489026.7/31

Out: 823.682+/-0.128 χ^2/NDF:11815541.8/36

All: 811.599+/-0.091 χ^2/NDF: 20322475.4/68

asym_sam3_mean vs Slug, Sign Corrected



Right In: 555.947+/-542.616 χ^2/NDF: 33.9/25

Left Out: 911.919+/-186.104 χ^2/NDF:64.9/24

Right Out: -1125.621+/-523.425 χ^2/NDF: 17.9/29

Left In: 2.470+/-187.271 χ^2/NDF:25.6/22

Left: 460.036+/-132.006 χ^2/NDF: 102.4/47

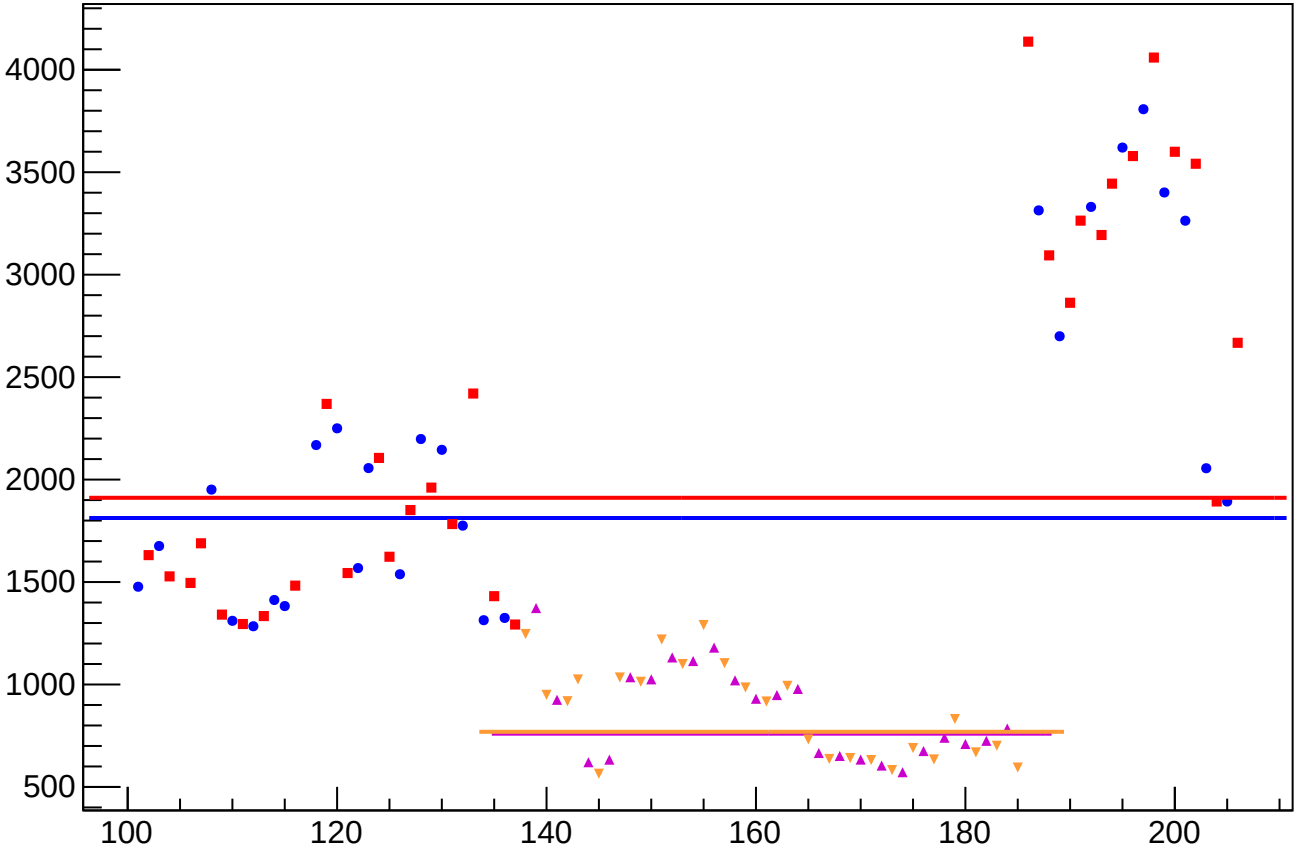
Right: -315.099+/-376.719 χ^2/NDF: 56.7/55

In: 61.379+/-177.025 χ^2/NDF:60.4/48

Out: 683.248+/-175.350 χ^2/NDF:96.2/54

All: 375.268+/-124.579 χ^2/NDF: 162.9/103

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1812.559+/-0.384 χ^2/NDF: 2702543.0/25

Left Out: 769.207+/-0.132 χ^2/NDF:2275390.6/24

Right Out: 1911.193+/-0.370 χ^2/NDF: 3915583.6/29

Left In: 759.935+/-0.132 χ^2/NDF:2014703.5/22

Left: 764.600+/-0.093 χ^2/NDF: 4292560.8/47

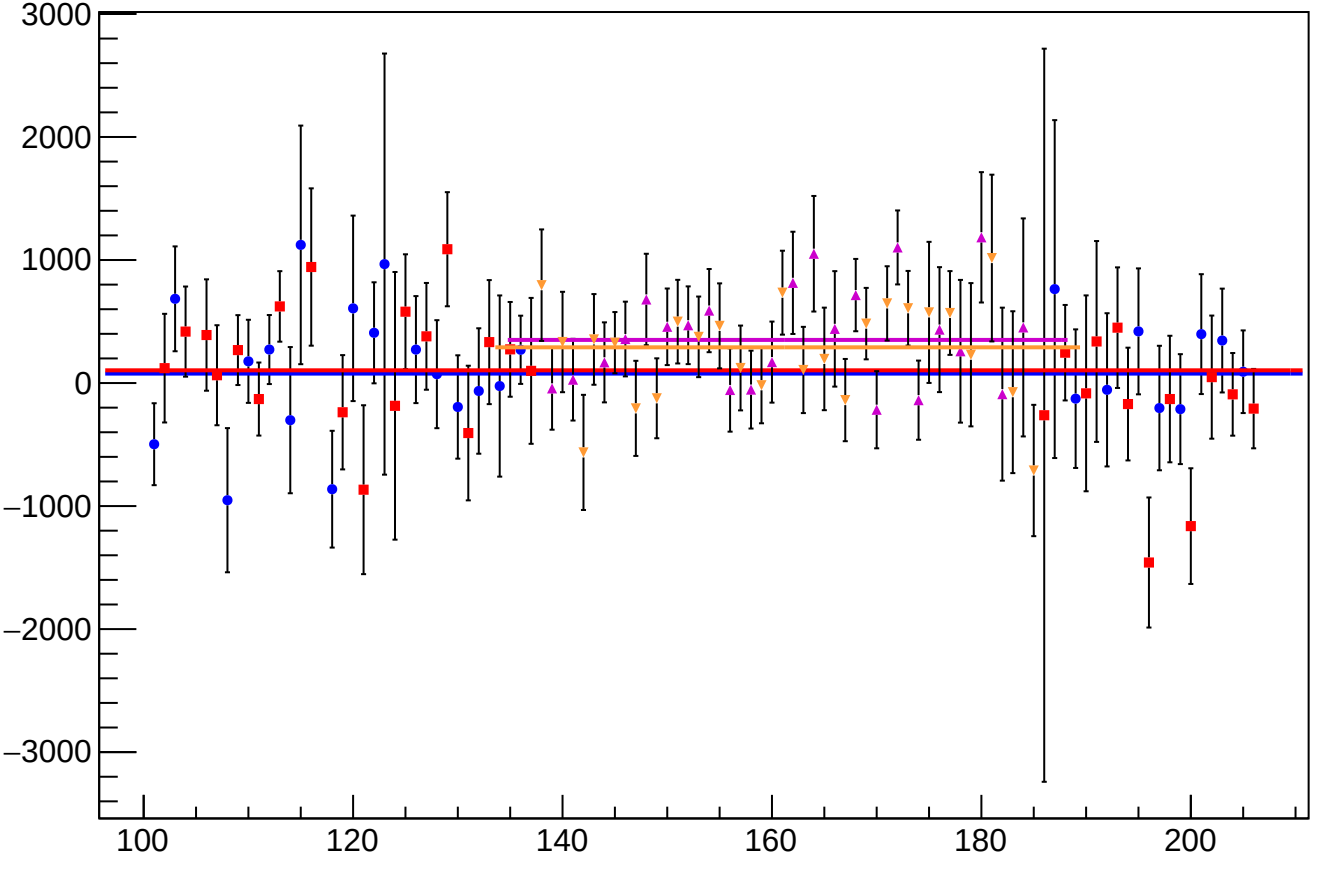
Right: 1863.651+/-0.266 χ^2/NDF: 6652358.4/55

In: 871.971+/-0.125 χ^2/NDF:11442645.8/48

Out: 897.371+/-0.124 χ^2/NDF:14642667.6/54

All: 884.792+/-0.088 χ^2/NDF: 26106097.1/10

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 76.791+/-88.453 χ^2/NDF: 19.2/25

Left Out: 290.293+/-72.910 χ^2/NDF:22.3/24

Right Out: 103.444+/-80.584 χ^2/NDF: 35.6/29

Left In: 350.522+/-75.911 χ^2/NDF:27.4/22

Left: 319.194+/-52.584 χ^2/NDF: 50.1/47

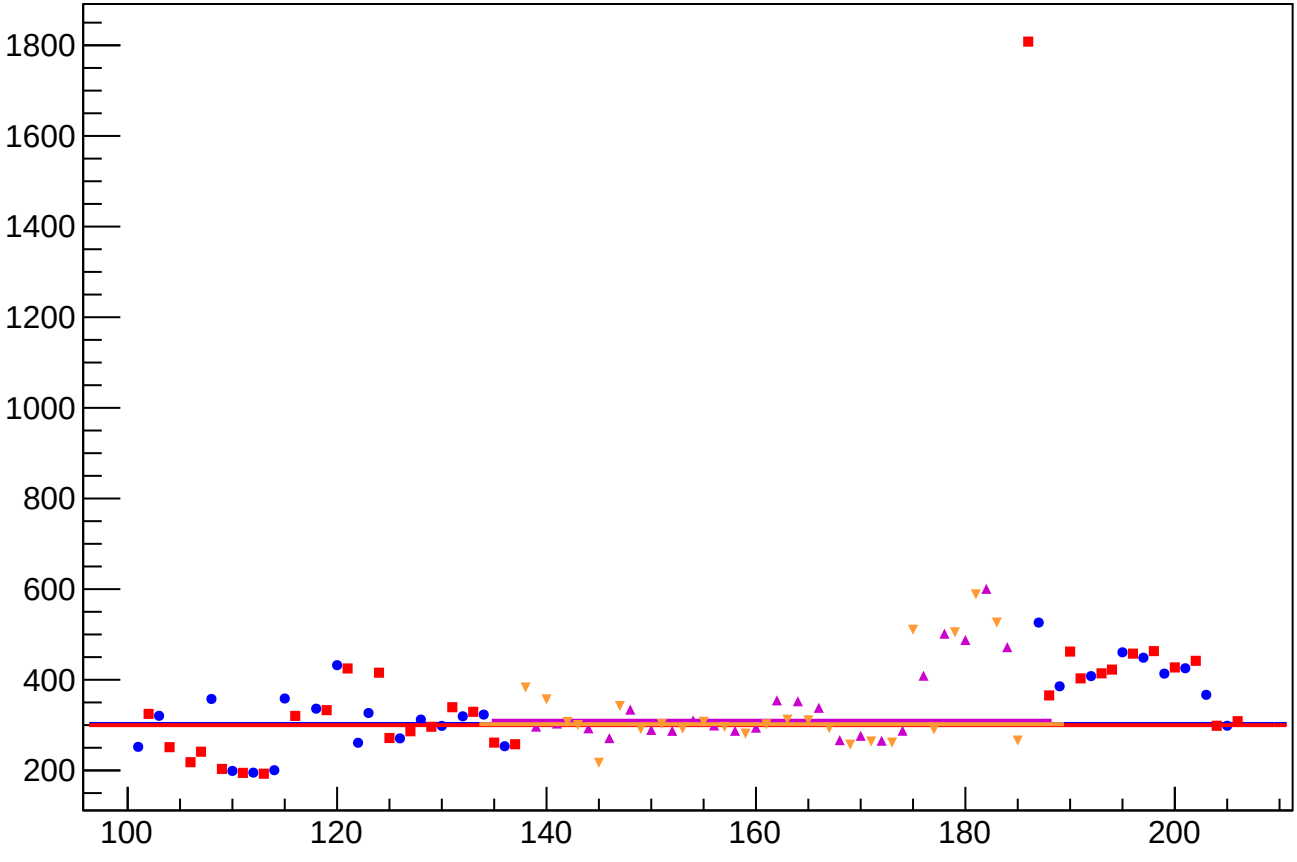
Right: 91.356+/-59.570 χ^2/NDF: 54.8/55

In: 234.424+/-57.606 χ^2/NDF:52.1/48

Out: 206.187+/-54.065 χ^2/NDF:60.9/54

All: 219.412+/-39.422 χ^2/NDF: 113.1/103

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 302.466+/-0.063 χ^2/NDF: 1592699.1/25

Left Out: 302.040+/-0.052 χ^2/NDF:1597233.8/24

Right Out: 299.941+/-0.057 χ^2/NDF: 2694770.2/29

Left In: 309.609+/-0.054 χ^2/NDF:1180280.8/22

Left: 305.672+/-0.037 χ^2/NDF: 2787857.1/47

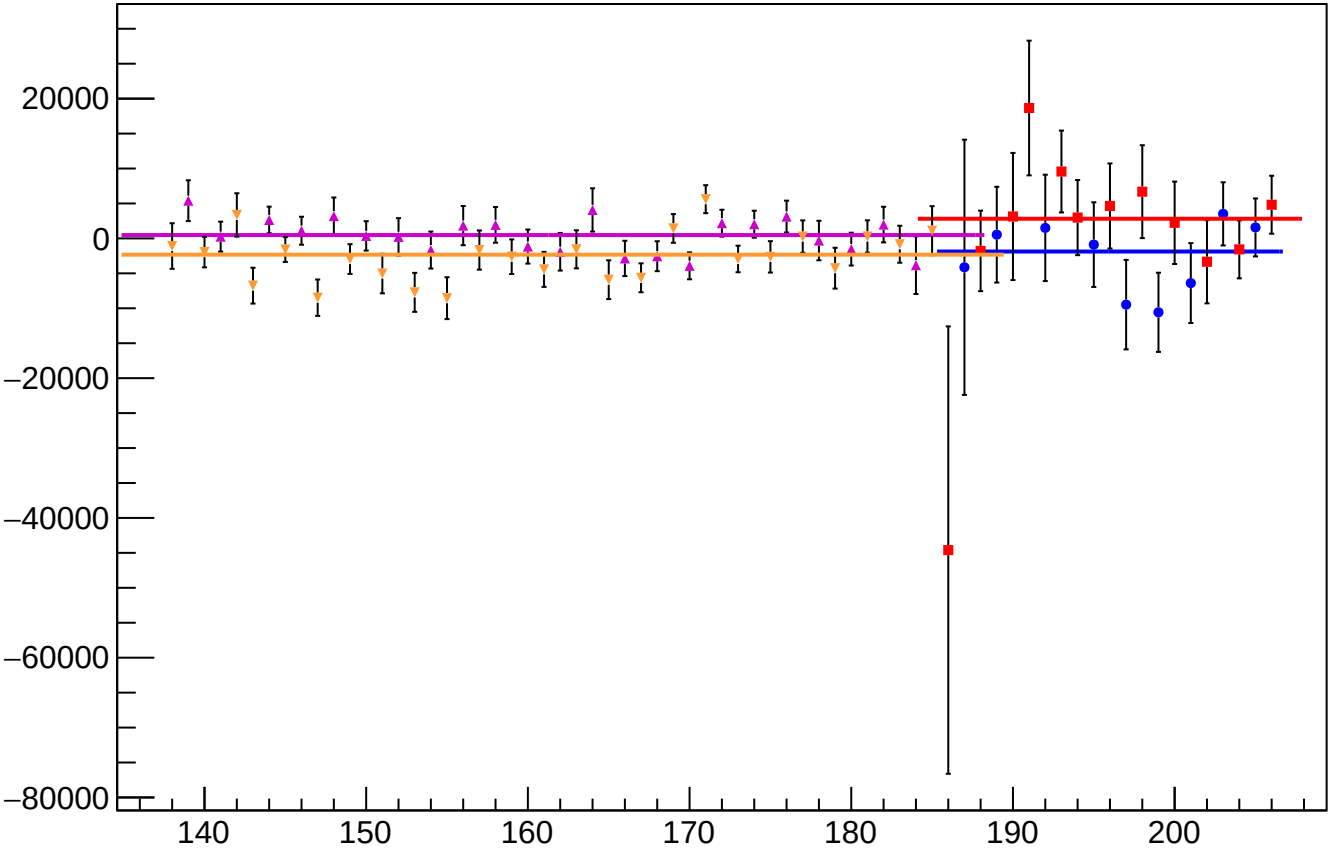
Right: 301.086+/-0.042 χ^2/NDF: 4288359.7/55

In: 306.579+/-0.041 χ^2/NDF:2780492.1/48

Out: 301.095+/-0.038 χ^2/NDF:4292750.6/54

All: 303.664+/-0.028 χ^2/NDF: 7082880.1/103

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -1876.100+/-1953.228 χ^2/NDF: 6.9/8

Left Out: -2325.488+/-486.043 χ^2/NDF:49.8/24

Right Out: 2813.677+/-1713.515 χ^2/NDF: 9.7/11

Left In: 477.779+/-494.228 χ^2/NDF:23.1/22

Left: -947.260+/-346.542 χ^2/NDF: 89.2/47

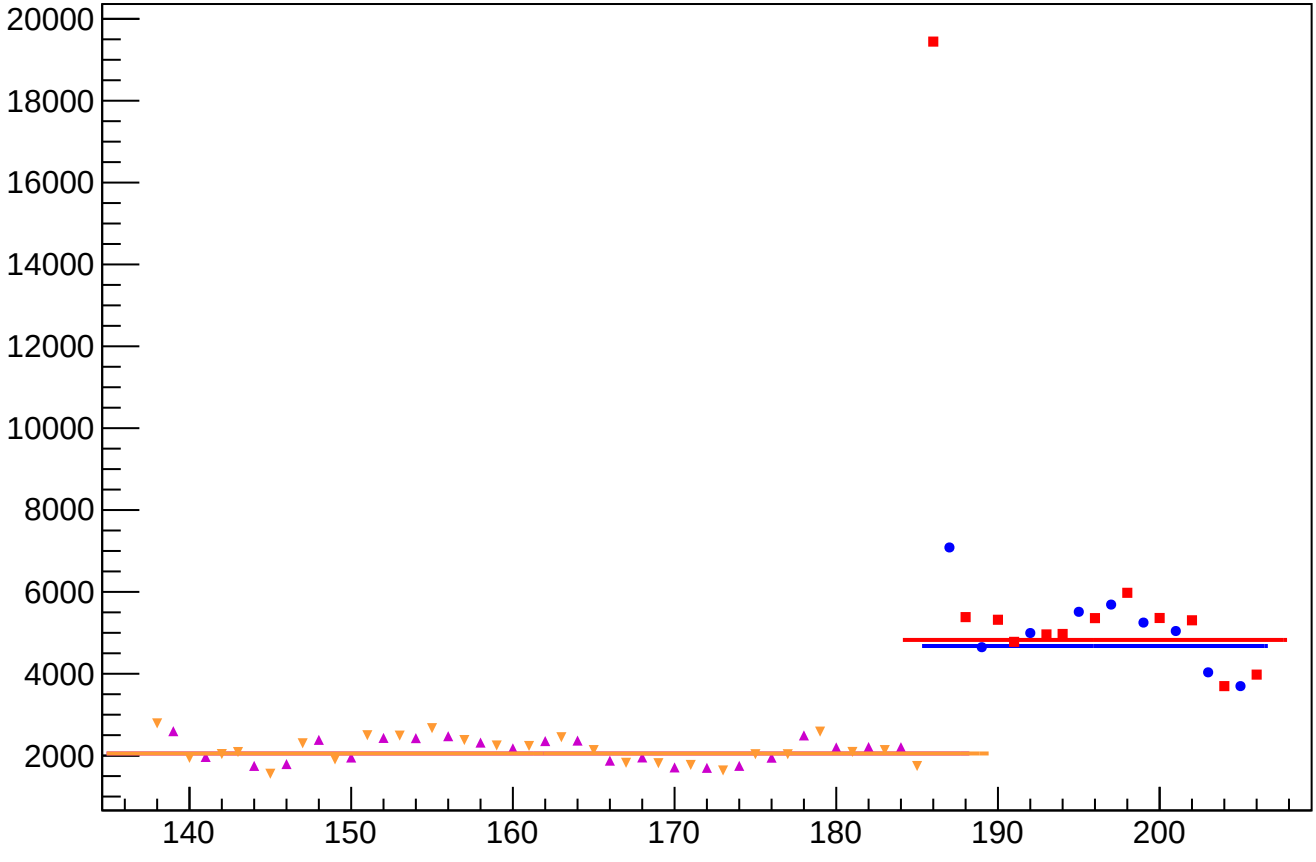
Right: 774.077+/-1288.099 χ^2/NDF: 19.9/20

In: 336.140+/-479.128 χ^2/NDF:31.3/31

Out: -1942.788+/-467.596 χ^2/NDF:67.9/36

All: -831.080+/-334.643 χ^2/NDF: 110.8/68

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 4678.092+/-1.381 χ^2/NDF: 307225.3/8

Left Out: 2052.401+/-0.344 χ^2/NDF:838023.2/24

Right Out: 4826.469+/-1.212 χ^2/NDF: 780617.8/11

Left In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

Left: 2052.392+/-0.245 χ^2/NDF: 1491895.3/47

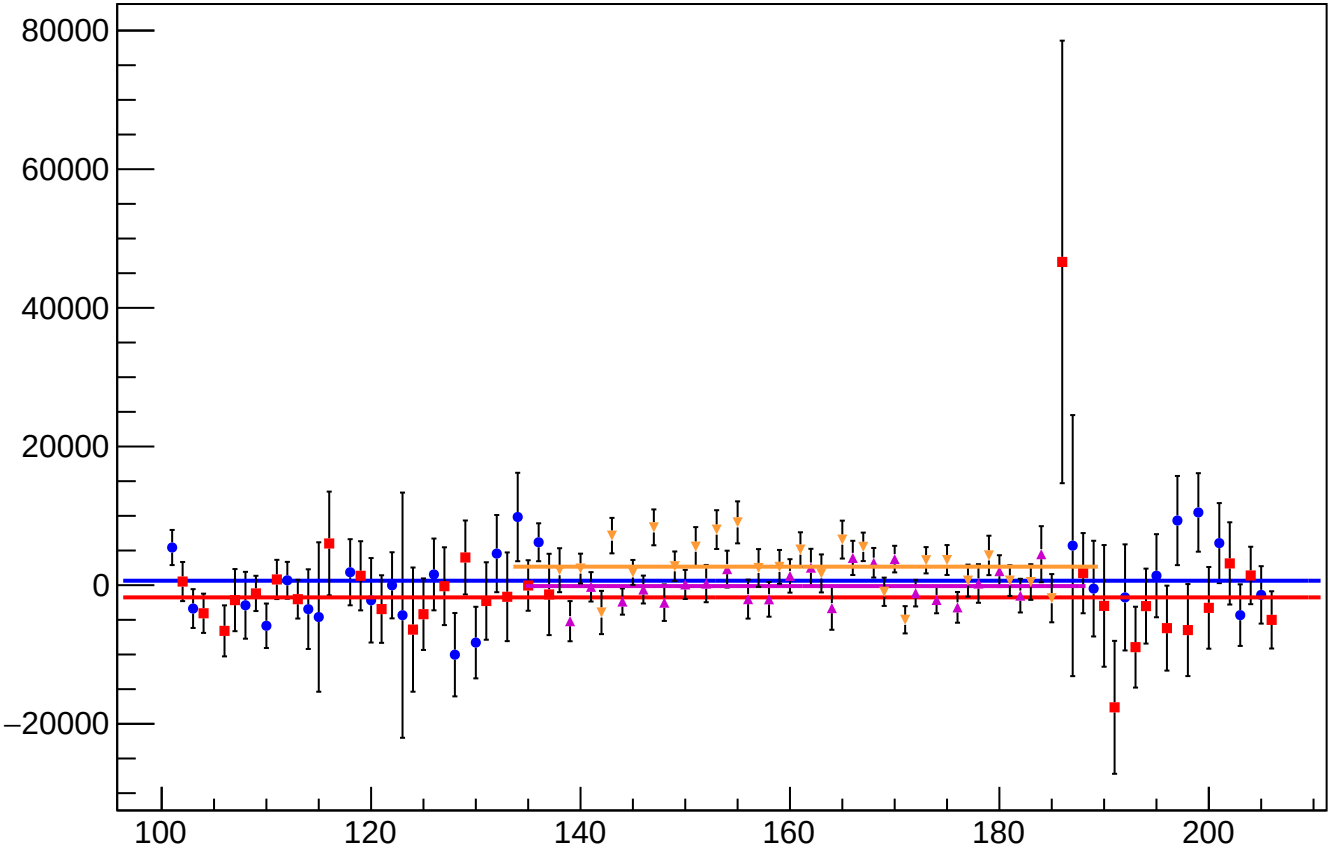
Right: 4761.939+/-0.911 χ^2/NDF: 1094365.1/20

In: 2210.379+/-0.339 χ^2/NDF:4357860.5/31

Out: 2258.978+/-0.331 χ^2/NDF:6470190.4/36

All: 2235.270+/-0.237 χ^2/NDF: 10838589.9/6

asym_sam4_mean vs Slug, Sign Corrected



Right In: 641.279+/-884.475 χ^2/NDF: 31.7/25

Left Out: 2667.050+/-480.963 χ^2/NDF:50.0/24

Right Out: -1761.113+/-816.033 χ^2/NDF: 17.5/29

Left In: -132.307+/-489.752 χ^2/NDF:24.7/22

Left: 1292.715+/-343.157 χ^2/NDF: 91.3/47

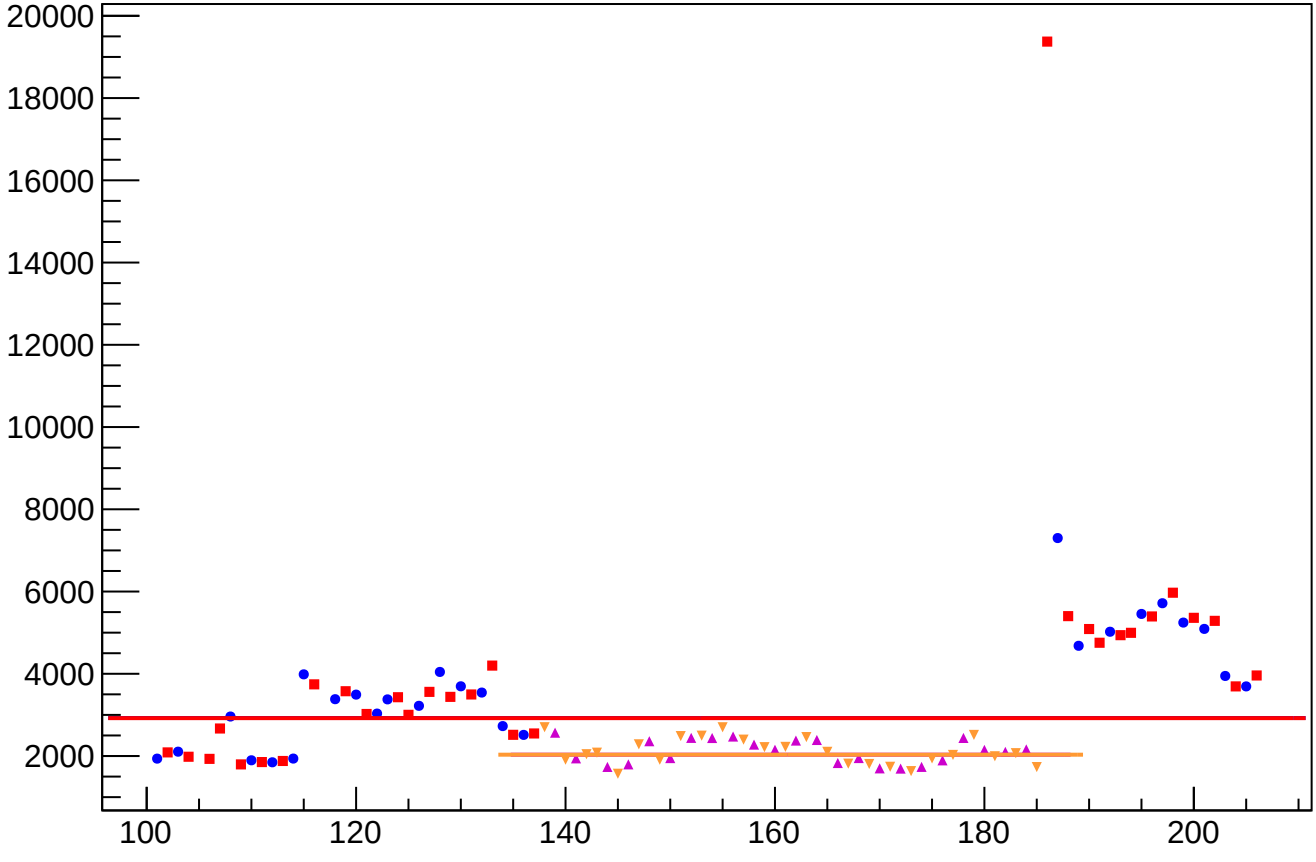
Right: -656.451+/-599.761 χ^2/NDF: 53.1/55

In: 49.222+/-428.453 χ^2/NDF:57.0/48

Out: 1525.381+/-414.349 χ^2/NDF:89.3/54

All: 811.998+/-297.850 χ^2/NDF: 152.4/103

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2924.567+/-0.625 χ^2/NDF: 3231635.8/25

Left Out: 2032.502+/-0.340 χ^2/NDF:824418.6/24

Right Out: 2921.393+/-0.577 χ^2/NDF: 4978510.0/29

Left In: 2031.692+/-0.346 χ^2/NDF:653382.0/22

Left: 2032.104+/-0.243 χ^2/NDF: 1477803.4/47

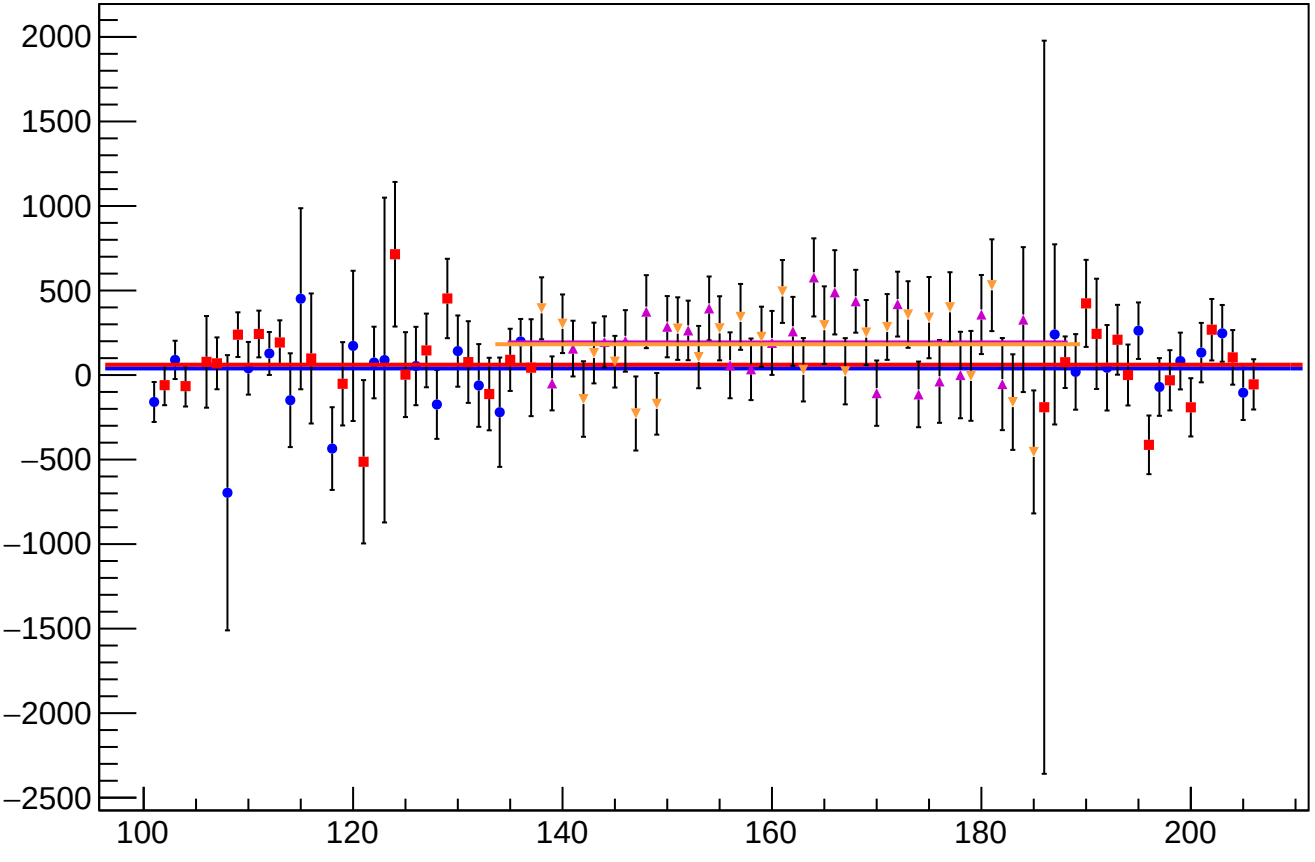
Right: 2922.852+/-0.424 χ^2/NDF: 8210159.7/55

In: 2241.213+/-0.303 χ^2/NDF:5444914.5/48

Out: 2261.676+/-0.293 χ^2/NDF:7564175.4/54

All: 2251.787+/-0.211 χ^2/NDF: 13011447.2/1

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 39.094+/-37.409 χ^2/NDF: 17.8/25

Left Out: 182.238+/-40.102 χ^2/NDF:26.9/24

Right Out: 61.179+/-33.974 χ^2/NDF: 29.1/29

Left In: 193.004+/-41.384 χ^2/NDF:21.1/22

Left: 187.451+/-28.799 χ^2/NDF: 48.0/47

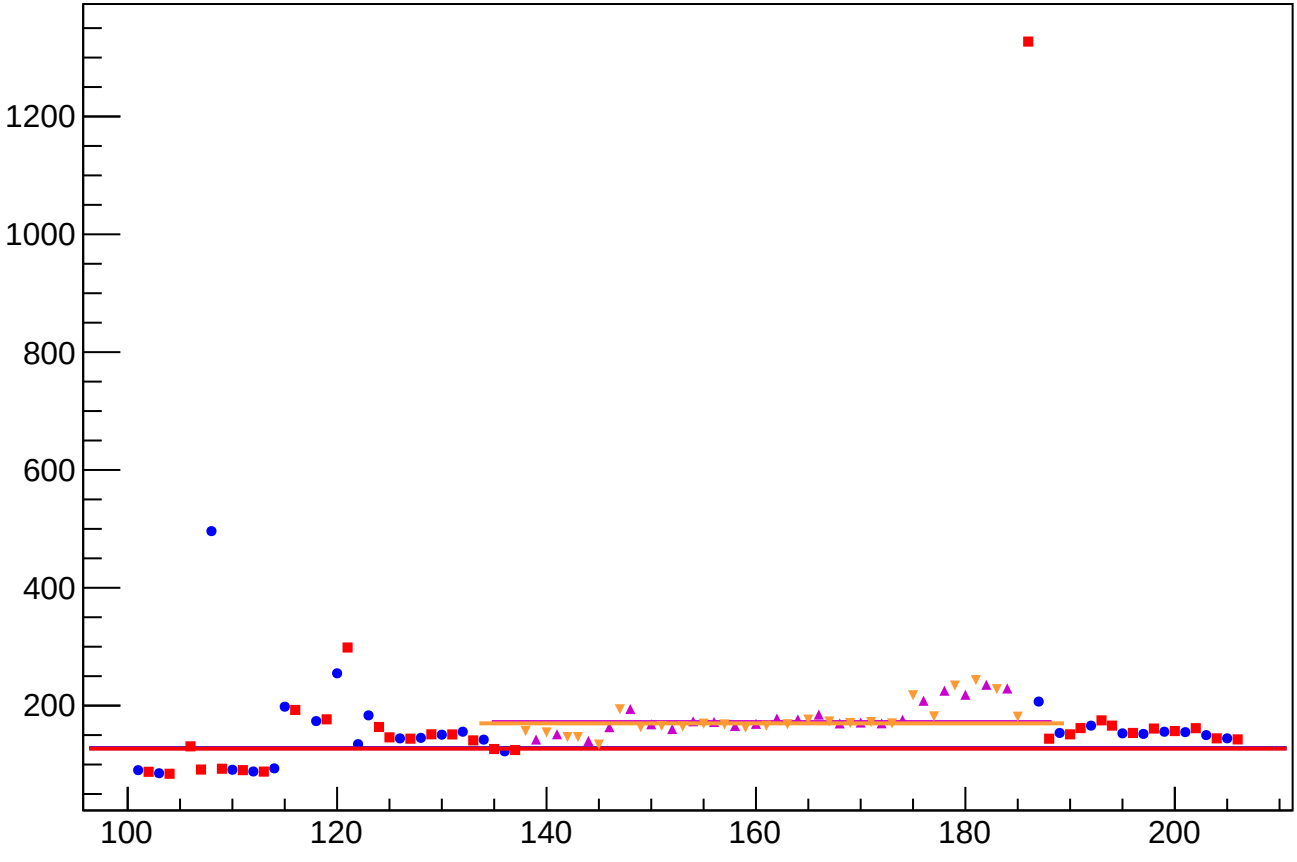
Right: 51.197+/-25.150 χ^2/NDF: 47.2/55

In: 108.304+/-27.752 χ^2/NDF:46.5/48

Out: 111.763+/-25.922 χ^2/NDF:61.4/54

All: 110.151+/-18.943 χ^2/NDF: 107.9/103

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 127.779+/-0.026 χ^2/NDF: 1946892.4/25

Left Out: 169.906+/-0.028 χ^2/NDF:663159.2/24

Right Out: 127.049+/-0.024 χ^2/NDF: 2685610.5/29

Left In: 172.065+/-0.029 χ^2/NDF:589733.9/22

Left: 170.952+/-0.020 χ^2/NDF: 1255701.2/47

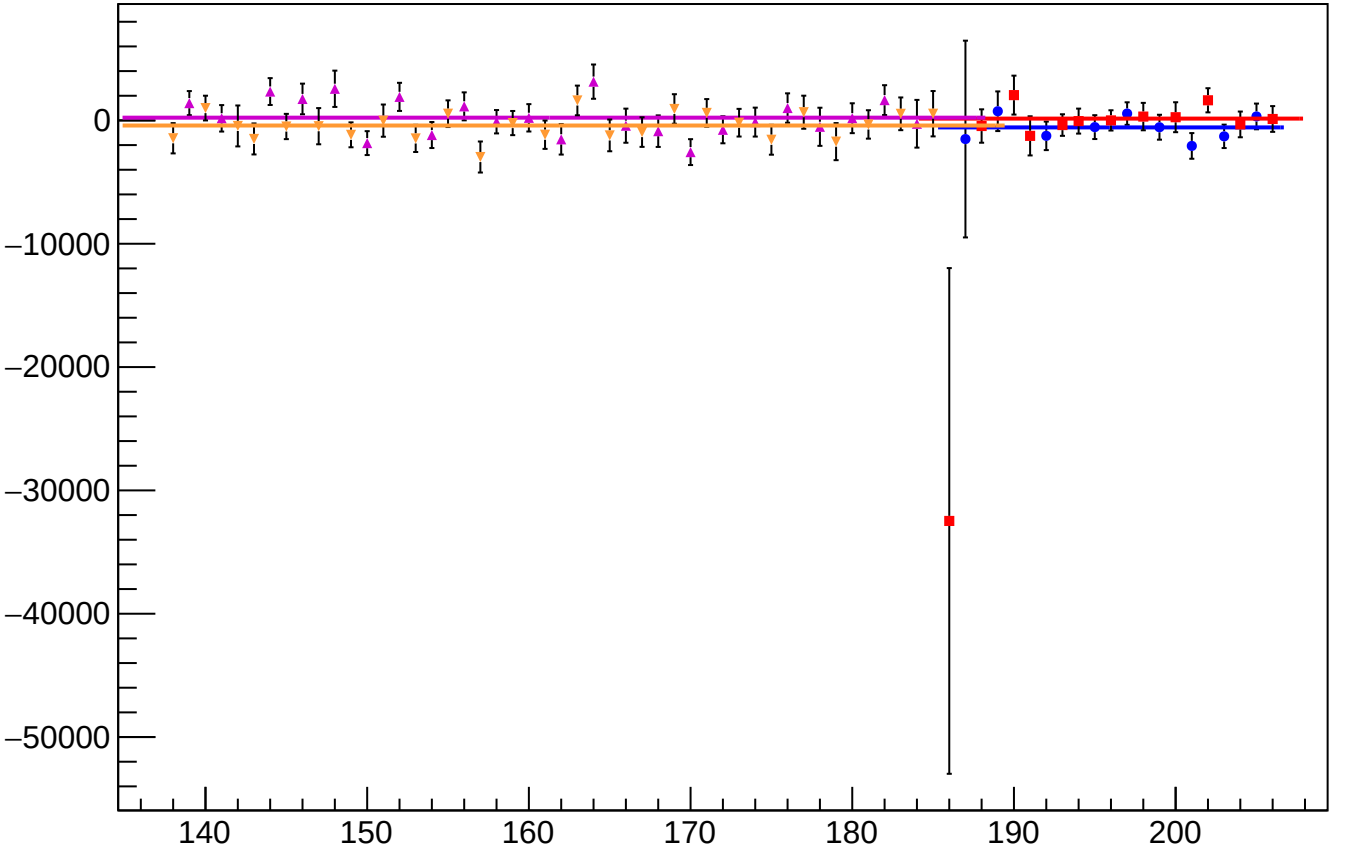
Right: 127.379+/-0.018 χ^2/NDF: 4632920.0/55

In: 147.694+/-0.020 χ^2/NDF:3797033.8/48

Out: 144.957+/-0.018 χ^2/NDF:4678541.0/54

All: 146.232+/-0.013 χ^2/NDF: 8485962.9/103

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: -566.681+/-368.772 χ^2/NDF: 5.9/8

Left Out: -412.804+/-240.278 χ^2/NDF:19.0/24

Right Out: 148.062+/-324.839 χ^2/NDF: 7.9/11

Left In: 223.332+/-243.771 χ^2/NDF:36.0/22

Left: -99.327+/-171.124 χ^2/NDF: 58.5/47

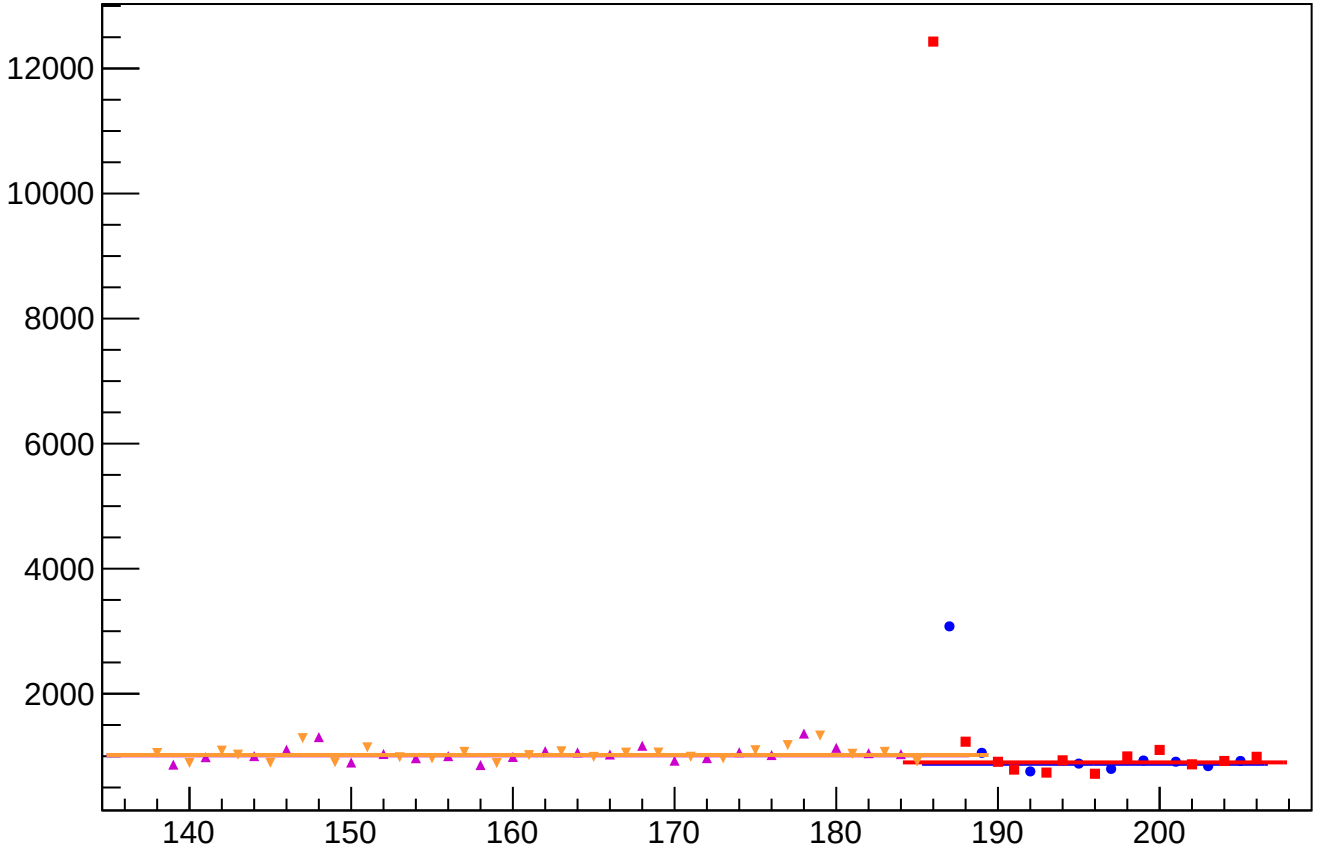
Right: -164.219+/-243.756 χ^2/NDF: 16.0/20

In: -16.903+/-203.357 χ^2/NDF:45.1/31

Out: -214.458+/-193.175 χ^2/NDF:28.9/36

All: -120.750+/-140.056 χ^2/NDF: 74.5/68

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 879.126+/-0.261 χ^2/NDF: 227954.9/8

Left Out: 1020.149+/-0.170 χ^2/NDF:369866.7/24

Right Out: 901.536+/-0.230 χ^2/NDF: 1018317.5/11

Left In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

Left: 1017.611+/-0.121 χ^2/NDF: 775184.8/47

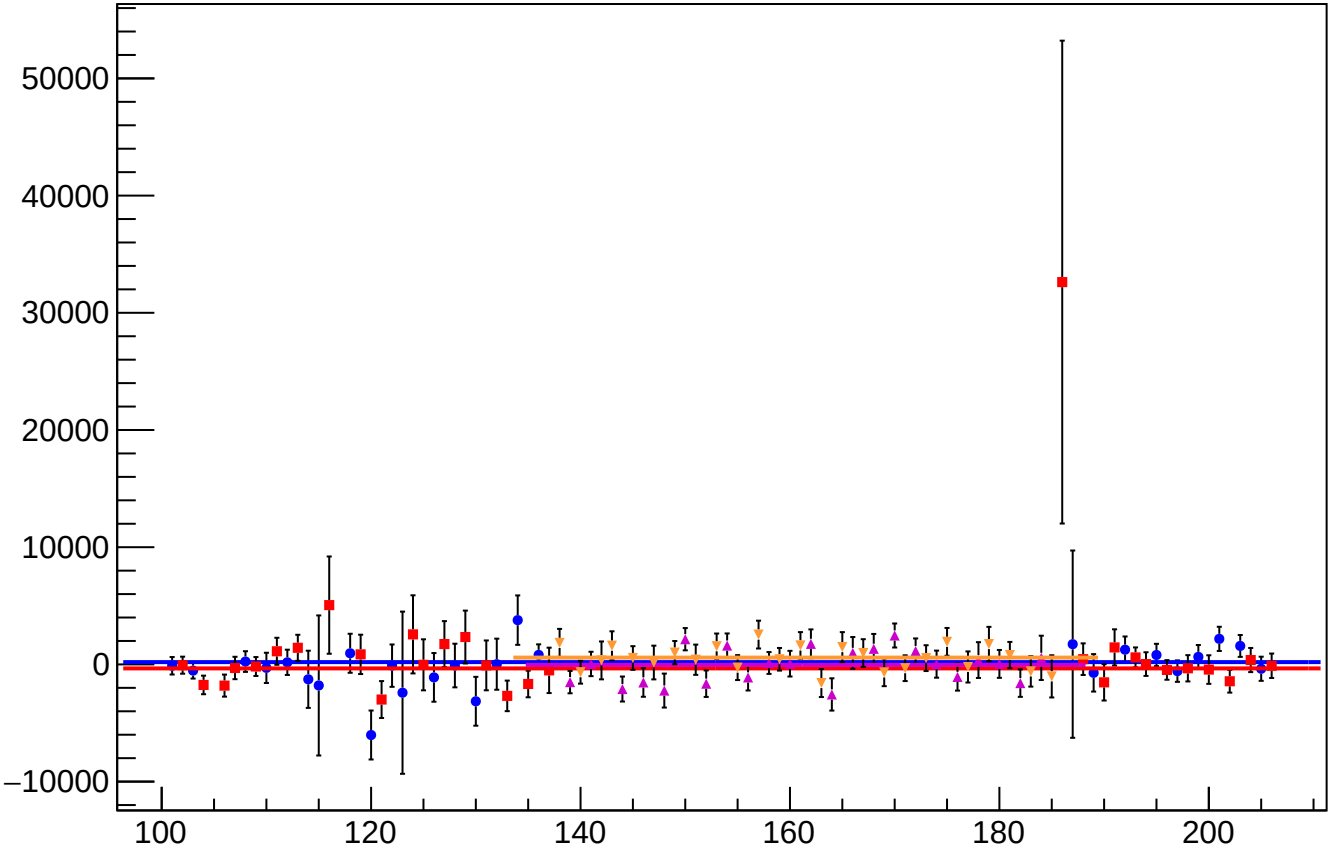
Right: 891.745+/-0.172 χ^2/NDF: 1250431.4/20

In: 973.682+/-0.144 χ^2/NDF:821766.7/31

Out: 978.202+/-0.137 χ^2/NDF:1560541.1/36

All: 976.058+/-0.099 χ^2/NDF: 2382827.2/68

asym_sam5_mean vs Slug, Sign Corrected



Right In: 195.293+/-237.392 χ^2/NDF: 26.3/25

Left Out: 580.226+/-235.583 χ^2/NDF:18.4/24

Right Out: -341.799+/-214.073 χ^2/NDF: 30.9/29

Left In: -42.397+/-239.278 χ^2/NDF:37.9/22

Left: 273.759+/-167.873 χ^2/NDF: 59.7/47

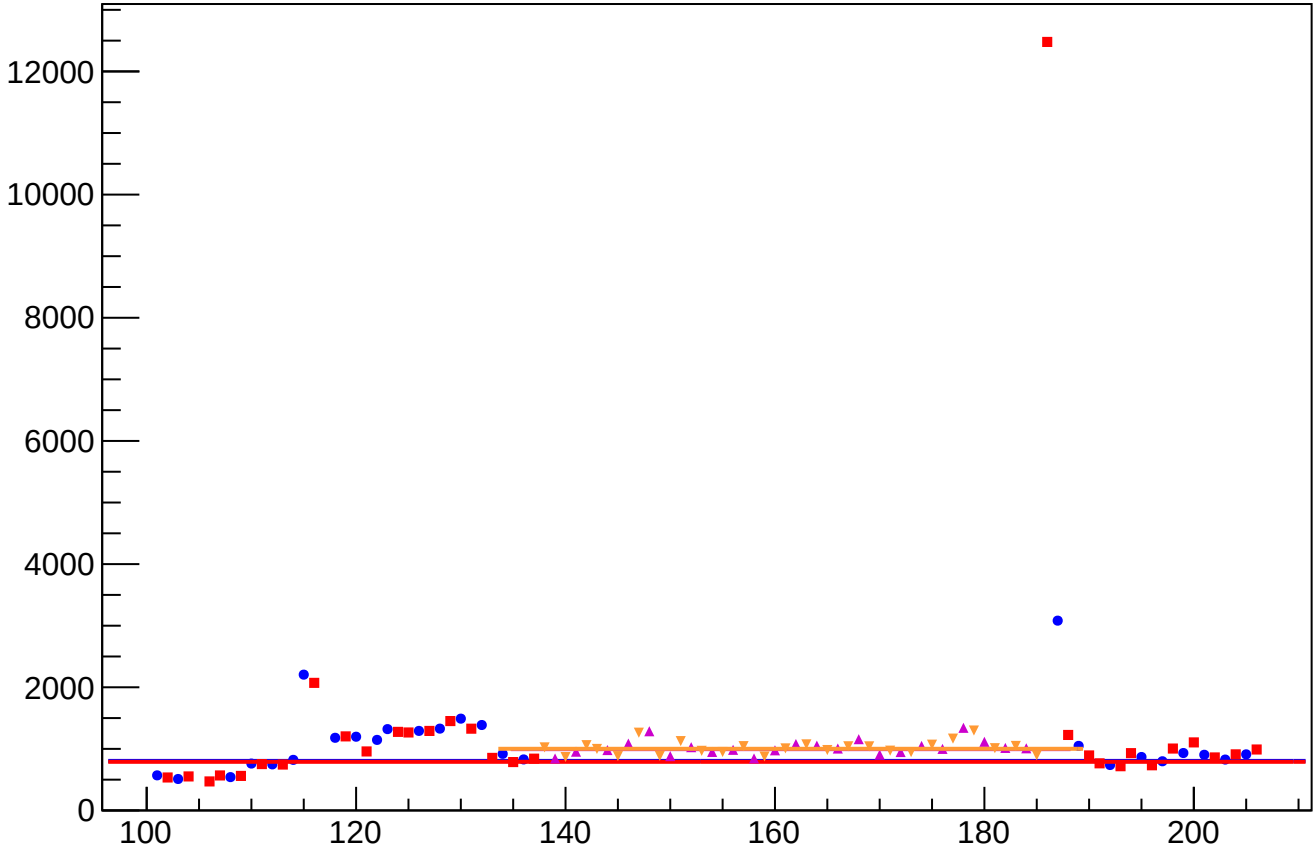
Right: -100.922+/-158.979 χ^2/NDF: 60.0/55

In: 77.388+/-168.525 χ^2/NDF:64.6/48

Out: 75.207+/-158.432 χ^2/NDF:57.7/54

All: 76.230+/-115.432 χ^2/NDF: 122.3/103

asym_sam5_rms vs Slug, Sign Corrected



Right In: 804.508+/-0.168 χ^2/NDF: 2055947.5/25

Left Out: 1001.233+/-0.167 χ^2/NDF:370278.3/24

Right Out: 789.860+/-0.151 χ^2/NDF: 3083778.4/29

Left In: 995.590+/-0.169 χ^2/NDF:424434.6/22

Left: 998.455+/-0.119 χ^2/NDF: 795277.7/47

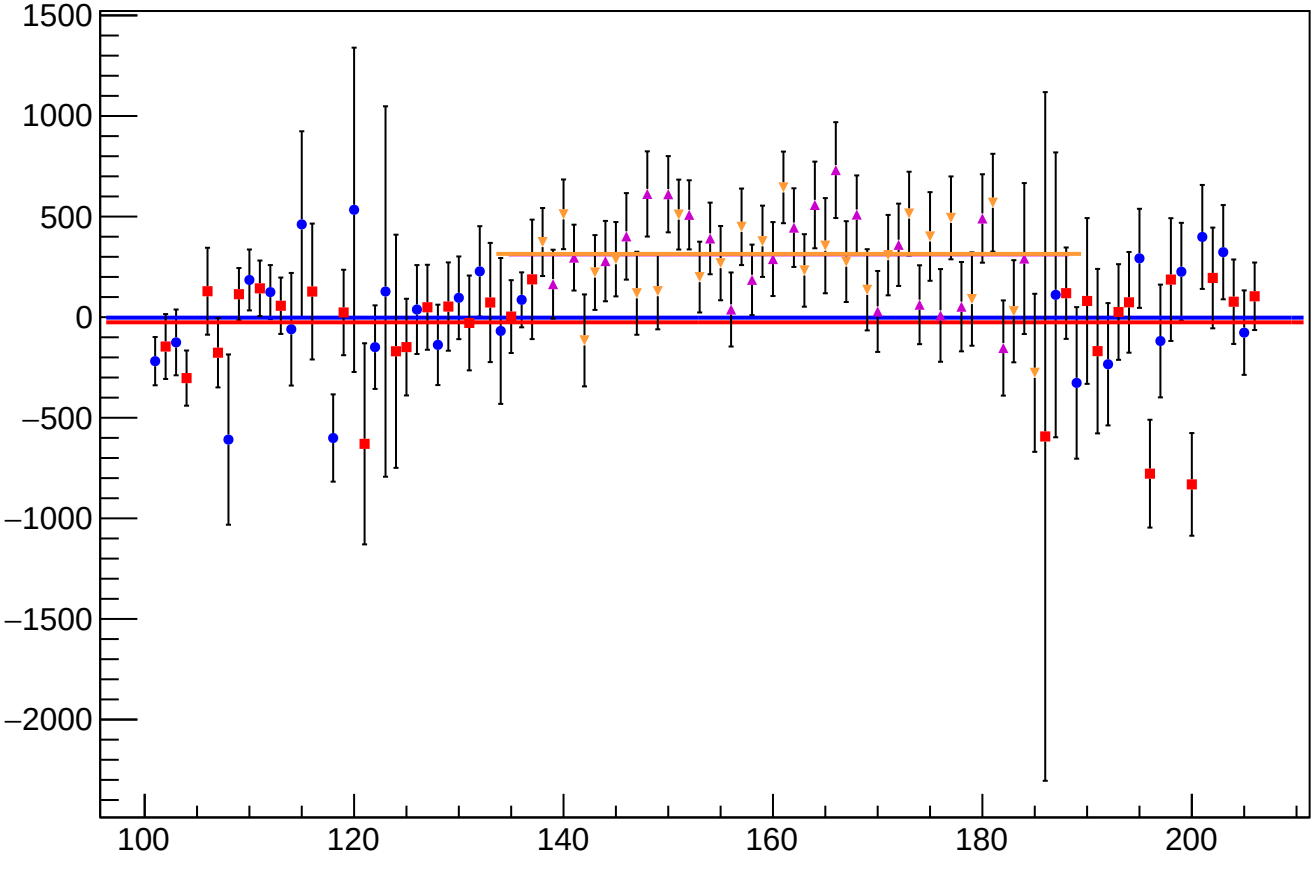
Right: 796.429+/-0.112 χ^2/NDF: 5143925.3/55

In: 899.293+/-0.119 χ^2/NDF:3123153.2/48

Out: 885.458+/-0.112 χ^2/NDF:4335925.3/54

All: 891.949+/-0.082 χ^2/NDF: 7466233.5/103

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -2.377+/-42.709 χ^2/NDF: 28.4/25

Left Out: 314.517+/-39.818 χ^2/NDF:21.4/24

Right Out: -25.538+/-38.979 χ^2/NDF: 32.7/29

Left In: 312.097+/-41.646 χ^2/NDF:26.9/22

Left: 313.361+/-28.780 χ^2/NDF: 48.3/47

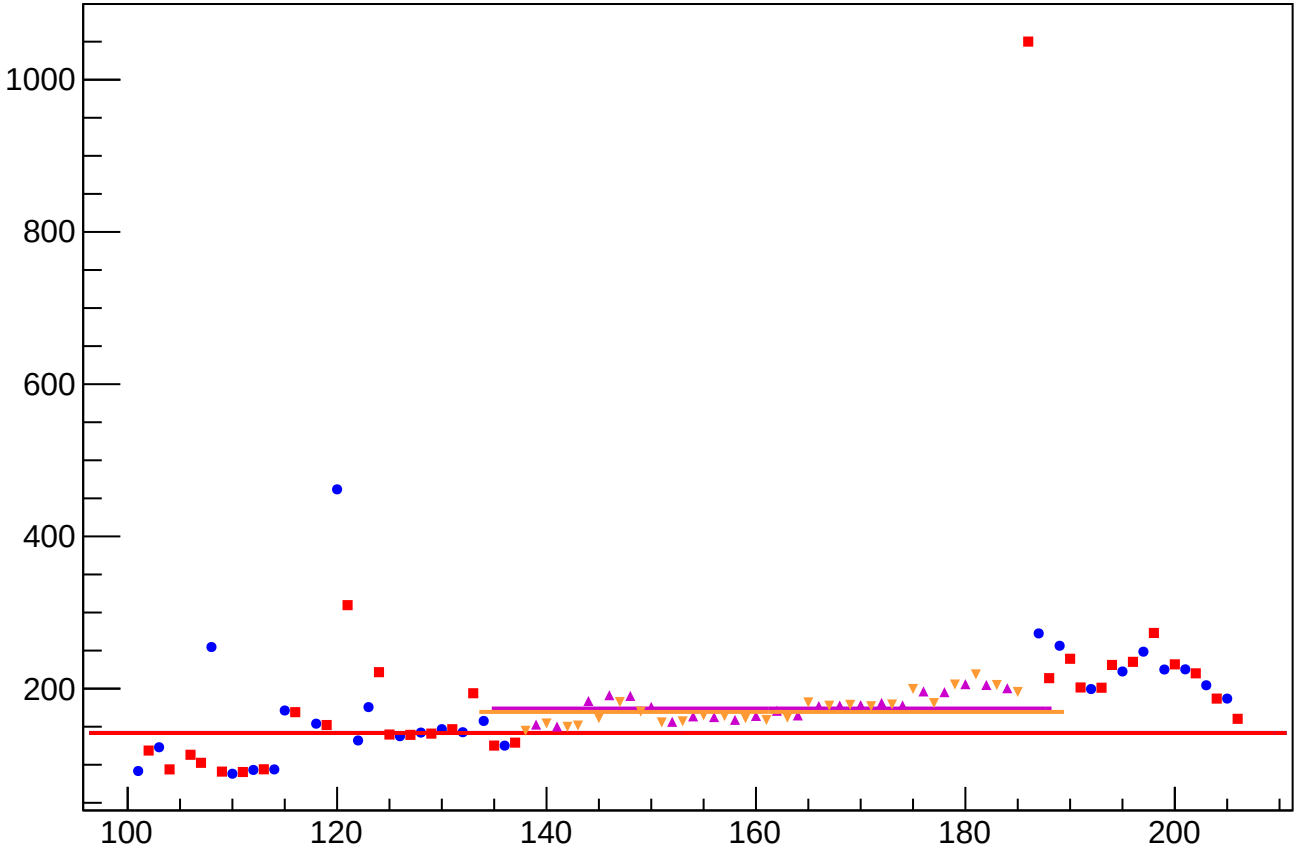
Right: -15.013+/-28.791 χ^2/NDF: 61.3/55

In: 158.826+/-29.817 χ^2/NDF:83.1/48

Out: 140.870+/-27.854 χ^2/NDF:91.3/54

All: 149.237+/-20.354 χ^2/NDF: 174.6/103

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 141.803+/-0.030 χ^2/NDF: 2969355.3/25

Left Out: 169.432+/-0.028 χ^2/NDF:386461.5/24

Right Out: 141.728+/-0.028 χ^2/NDF: 4076183.3/29

Left In: 173.847+/-0.029 χ^2/NDF:291729.8/22

Left: 171.540+/-0.020 χ^2/NDF: 689934.9/47

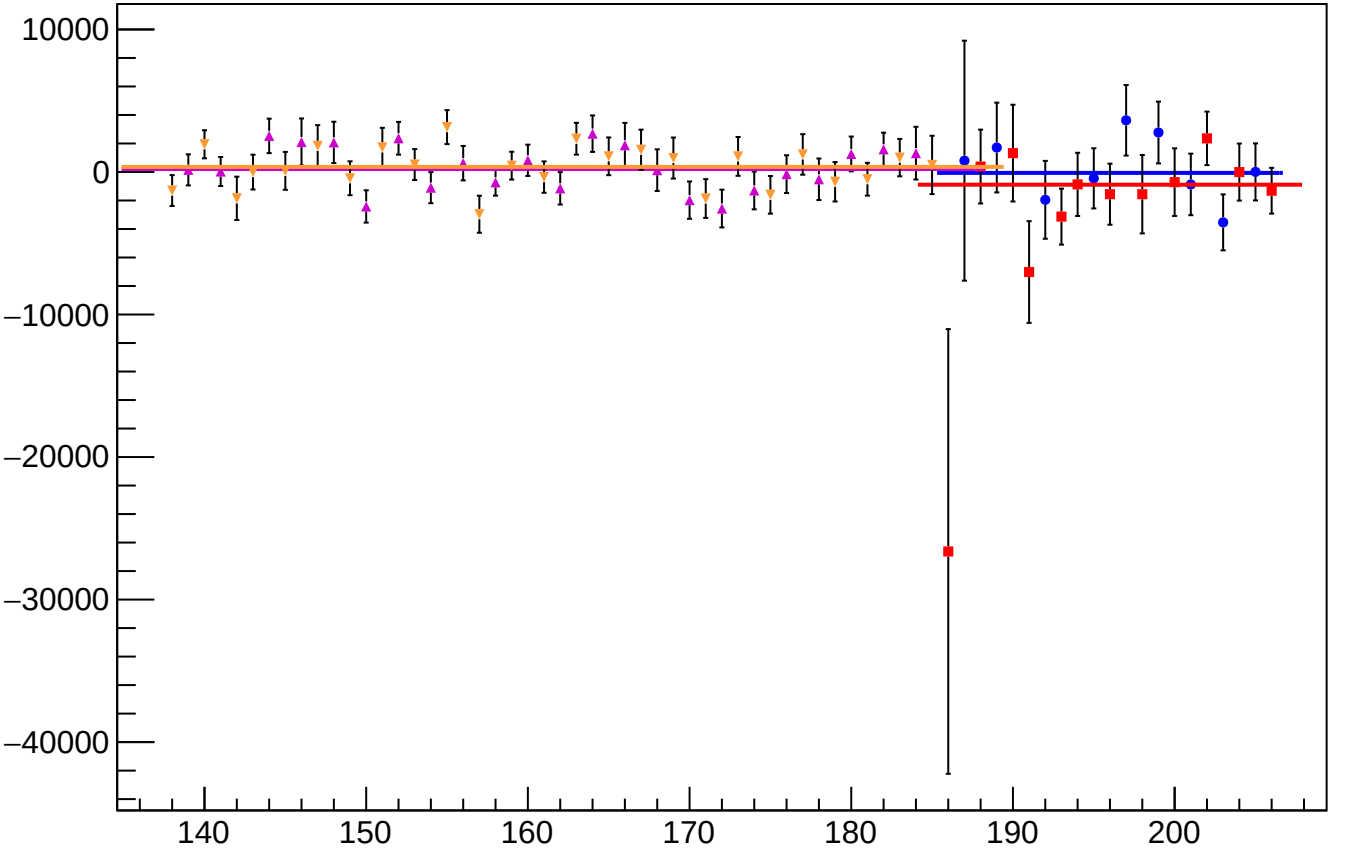
Right: 141.762+/-0.020 χ^2/NDF: 7045542.0/55

In: 158.229+/-0.021 χ^2/NDF:3838173.4/48

Out: 155.285+/-0.020 χ^2/NDF:4957041.4/54

All: 156.657+/-0.014 χ^2/NDF: 8805628.9/103

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: -63.115+/-797.248 χ^2/NDF: 8.0/8

Left Out: 356.612+/-250.934 χ^2/NDF:33.4/24

Right Out: -891.926+/-669.648 χ^2/NDF: 11.1/11

Left In: 212.007+/-257.383 χ^2/NDF:36.0/22

Left: 286.144+/-179.674 χ^2/NDF: 69.6/47

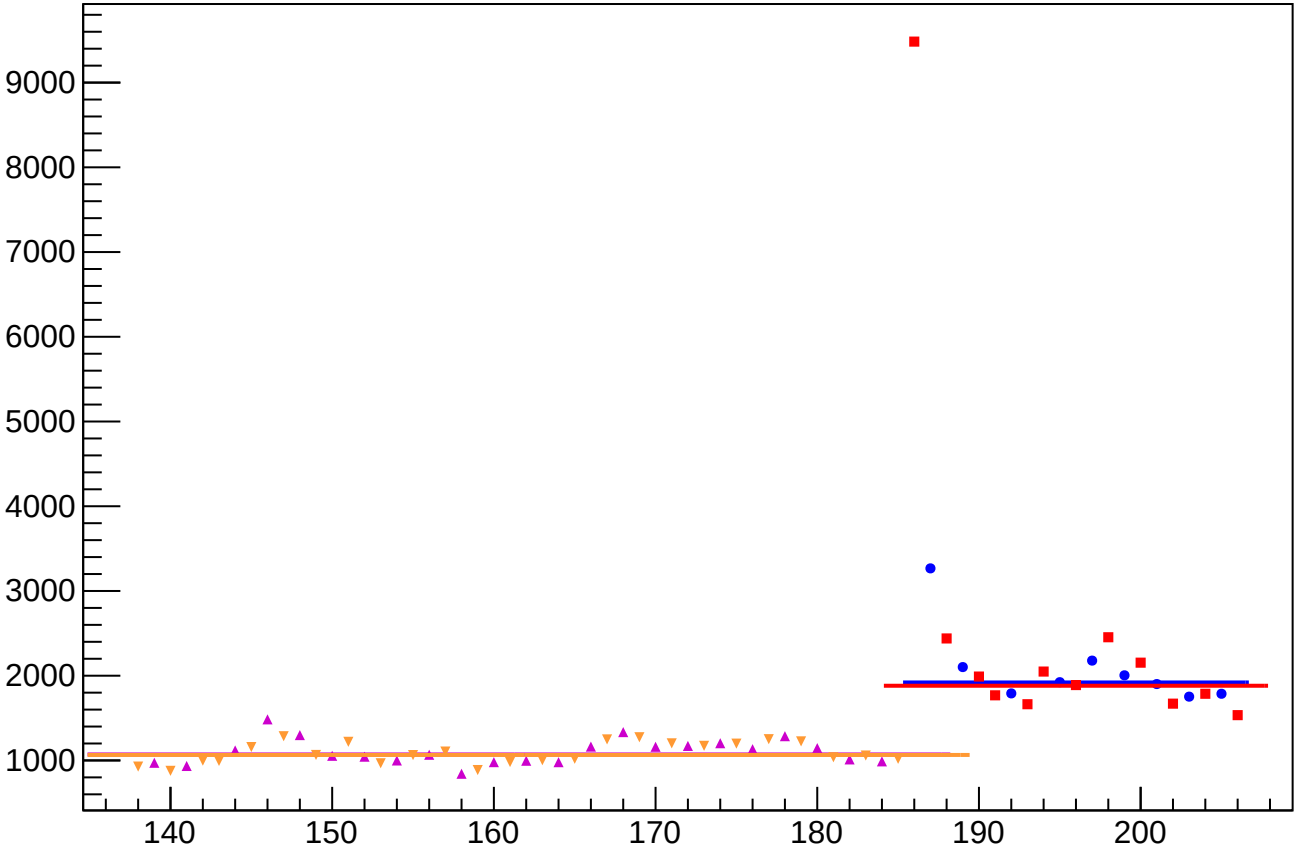
Right: -549.074+/-512.765 χ^2/NDF: 19.7/20

In: 186.039+/-244.935 χ^2/NDF:44.2/31

Out: 202.880+/-234.978 χ^2/NDF:47.5/36

All: 194.809+/-169.566 χ^2/NDF: 91.7/68

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 1920.282+/-0.564 χ^2/NDF: 110603.8/8

Left Out: 1064.868+/-0.177 χ^2/NDF:493614.2/24

Right Out: 1881.512+/-0.474 χ^2/NDF: 844004.5/11

Left In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

Left: 1067.707+/-0.127 χ^2/NDF: 1064547.2/47

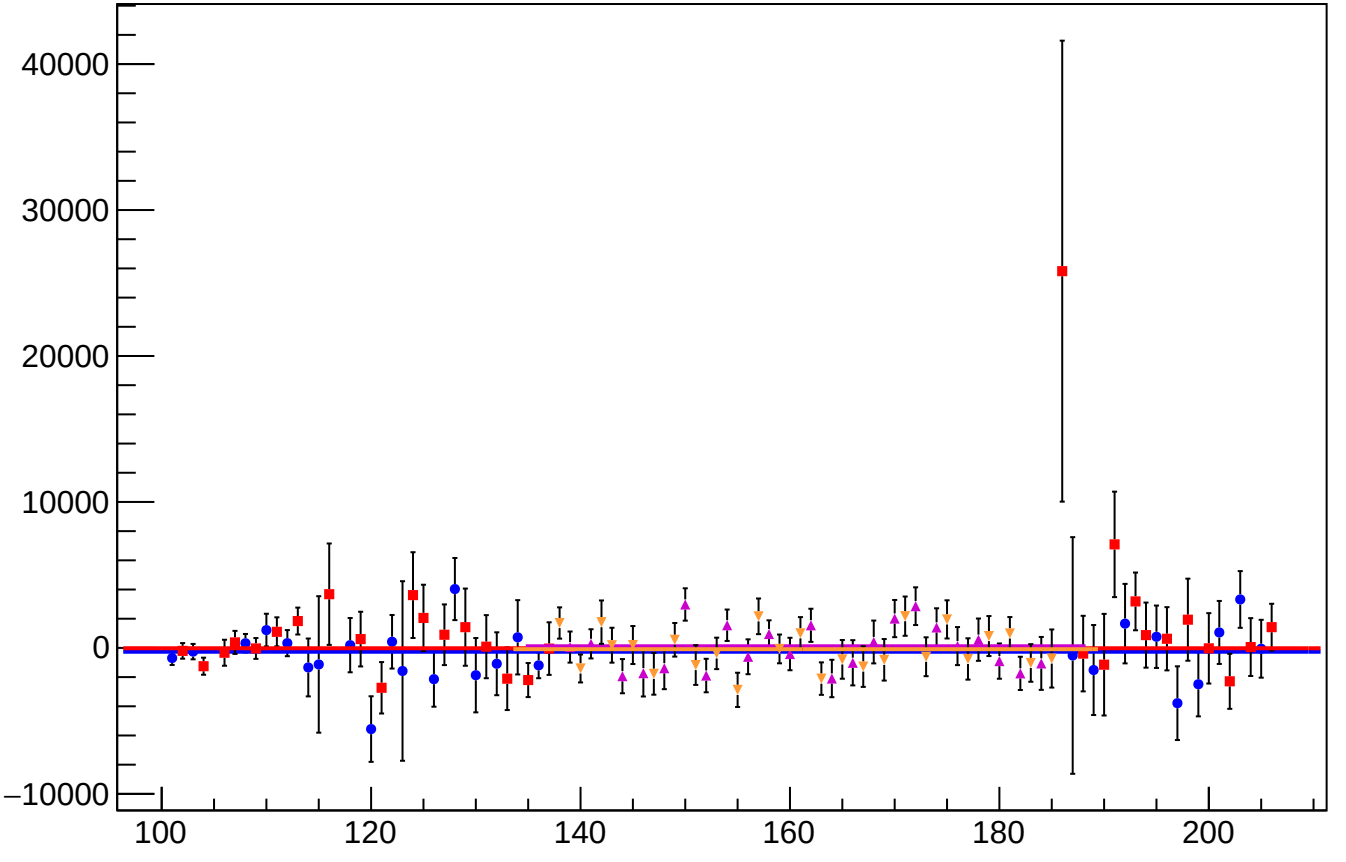
Right: 1897.550+/-0.363 χ^2/NDF: 957381.6/20

In: 1150.885+/-0.173 χ^2/NDF:2737864.7/31

Out: 1165.421+/-0.166 χ^2/NDF:3945796.1/36

All: 1158.454+/-0.120 χ^2/NDF: 6687329.3/68

asym_sam6_mean vs Slug, Sign Corrected



Right In: -262.192+/-238.597 χ^2/NDF: 24.5/25

Left Out: -89.632+/-247.271 χ^2/NDF:31.0/24

Right Out: -24.314+/-232.475 χ^2/NDF: 33.5/29

Left In: 110.879+/-254.337 χ^2/NDF:35.2/22

Left: 7.800+/-177.292 χ^2/NDF: 66.4/47

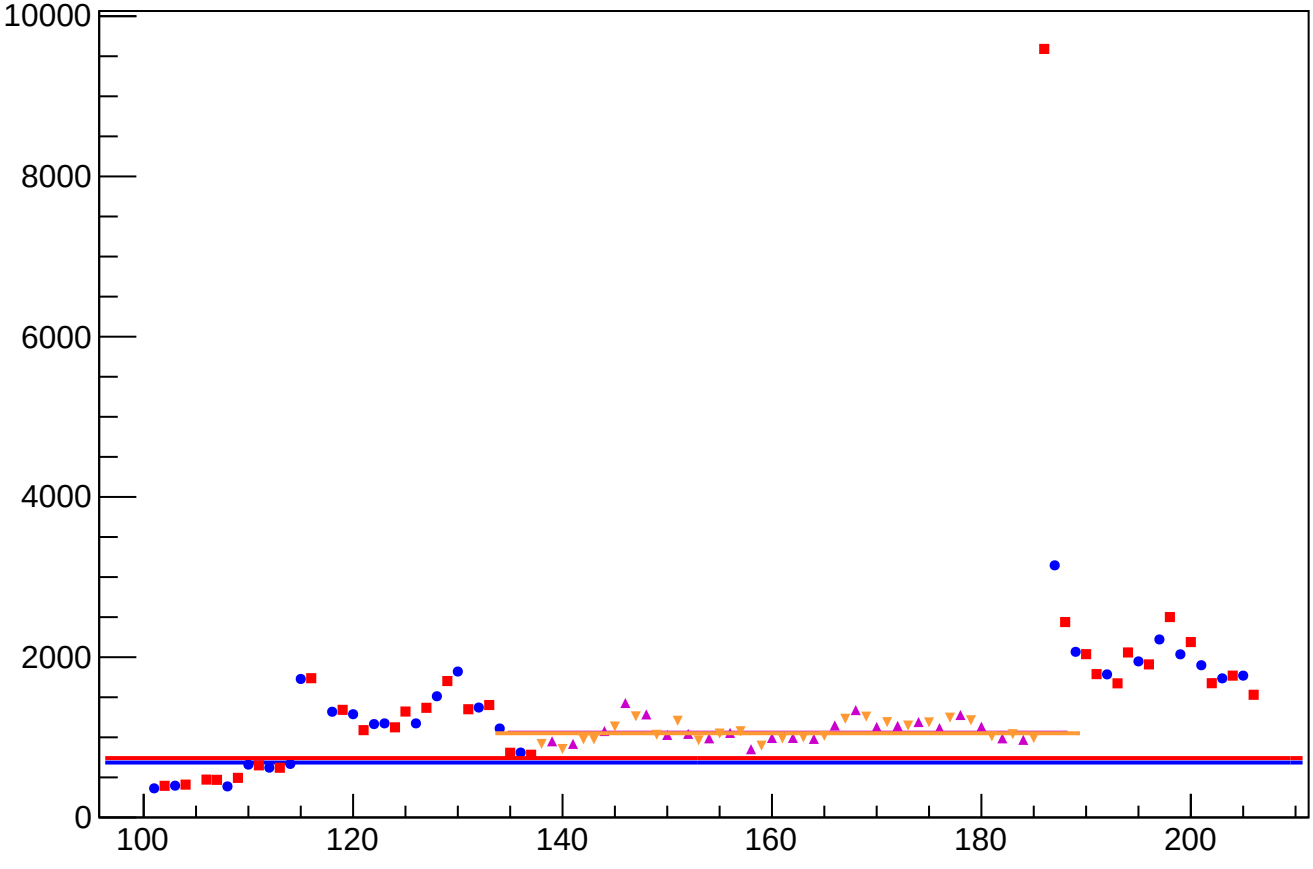
Right: -140.162+/-166.507 χ^2/NDF: 58.5/55

In: -87.557+/-174.012 χ^2/NDF:60.8/48

Out: -54.960+/-169.374 χ^2/NDF:64.5/54

All: -70.818+/-121.372 χ^2/NDF: 125.4/103

asym_sam6_rms vs Slug, Sign Corrected



Right In: 685.408+/-0.169 χ^2/NDF: 8651677.2/25

Left Out: 1050.918+/-0.175 χ^2/NDF:483477.5/24

Right Out: 740.974+/-0.164 χ^2/NDF: 10290264.3/29

Left In: 1058.154+/-0.180 χ^2/NDF:532260.0/22

Left: 1054.434+/-0.125 χ^2/NDF: 1016569.7/47

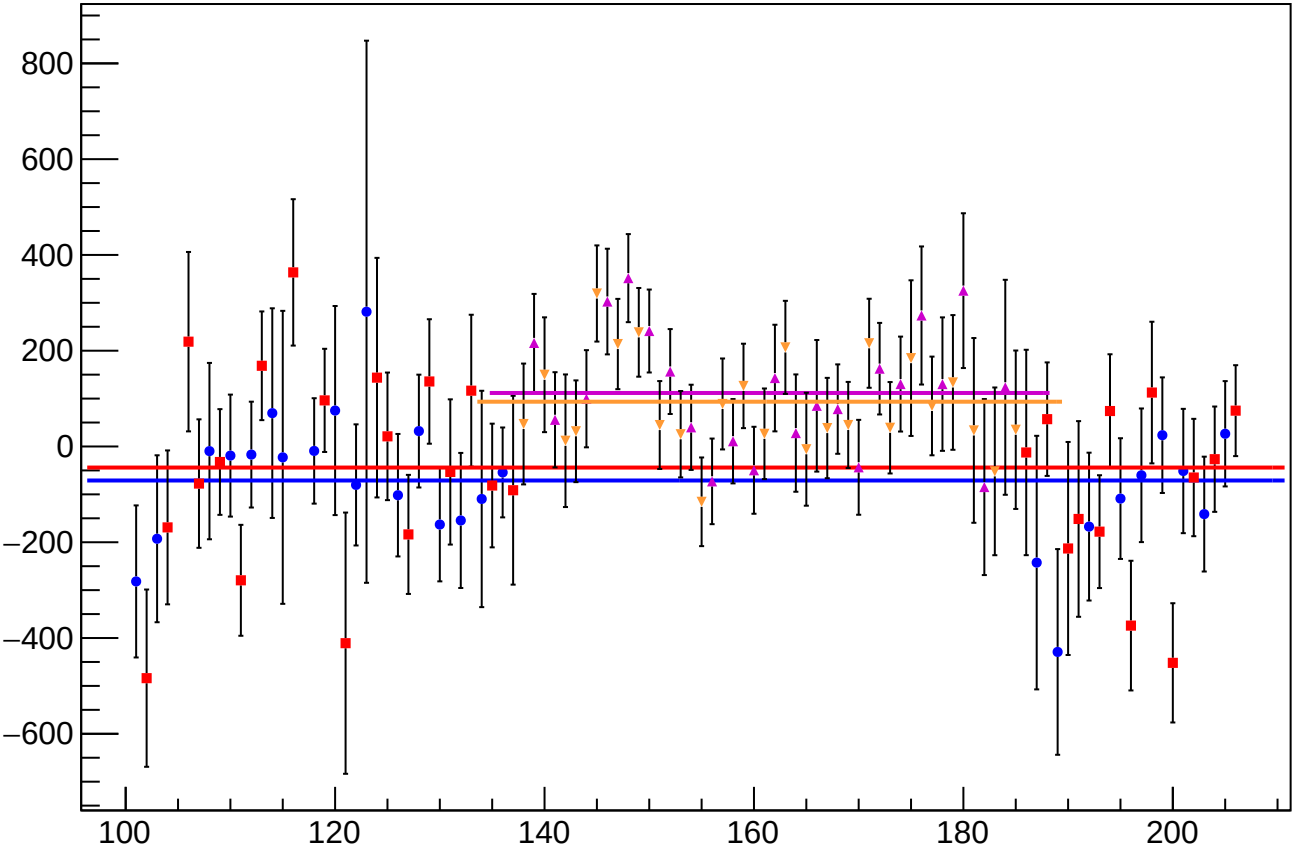
Right: 713.913+/-0.118 χ^2/NDF: 18997587.7/55

In: 859.891+/-0.123 χ^2/NDF:11468817.5/48

Out: 886.396+/-0.120 χ^2/NDF:12441722.8/54

All: 873.502+/-0.086 χ^2/NDF: 23934367.8/10

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -71.040+/-27.668 χ^2/NDF: 11.6/25

Left Out: 93.496+/-21.284 χ^2/NDF:22.8/24

Right Out: -44.009+/-25.007 χ^2/NDF: 55.0/29

Left In: 111.732+/-21.971 χ^2/NDF:30.7/22

Left: 102.325+/-15.287 χ^2/NDF: 53.8/47

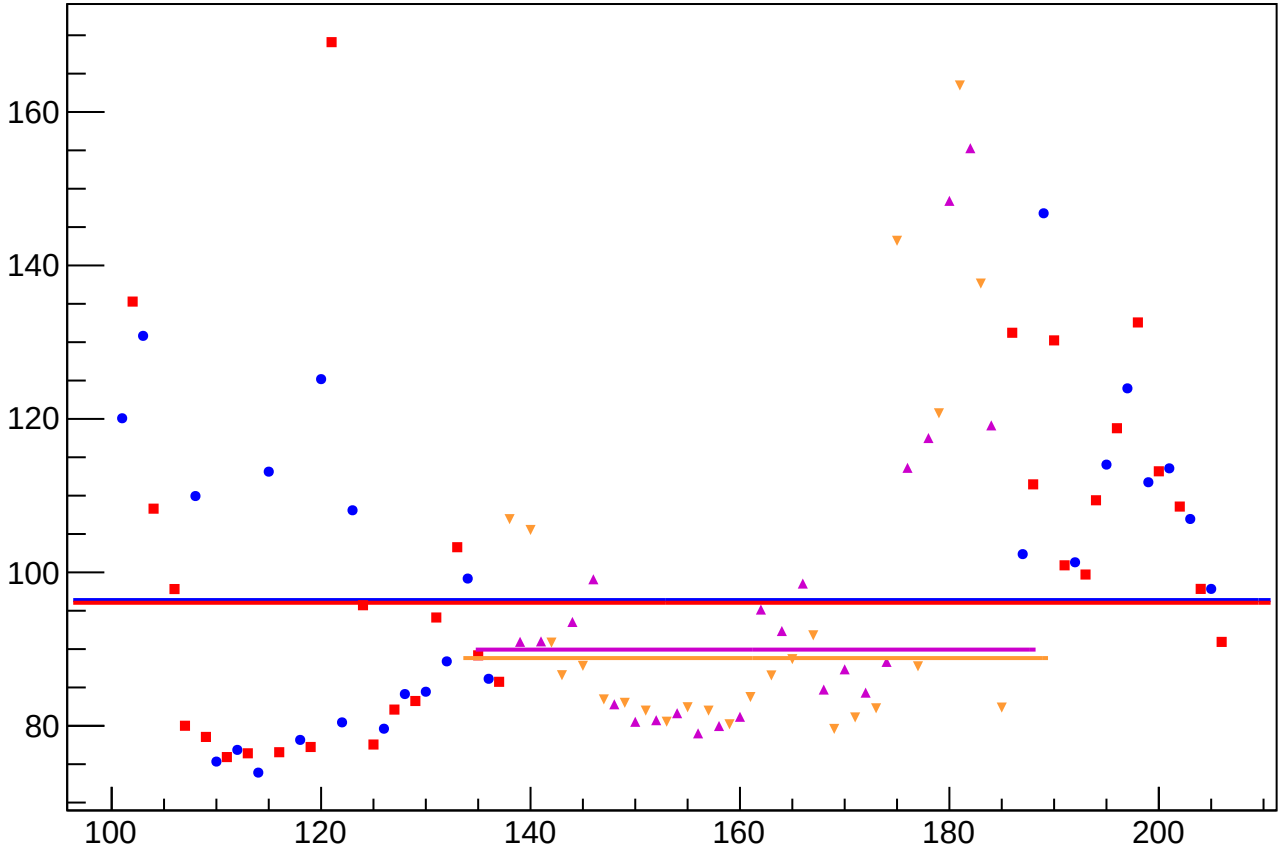
Right: -56.162+/-18.552 χ^2/NDF: 67.2/55

In: 41.049+/-17.206 χ^2/NDF:69.1/48

Out: 35.730+/-16.208 χ^2/NDF:95.3/54

All: 38.231+/-11.798 χ^2/NDF: 164.4/103

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 96.390+/-0.020 χ^2/NDF: 820626.1/25

Left Out: 88.830+/-0.015 χ^2/NDF:1000651.2/24

Right Out: 96.038+/-0.018 χ^2/NDF: 1043082.0/29

Left In: 89.934+/-0.016 χ^2/NDF:874129.5/22

Left: 89.364+/-0.011 χ^2/NDF: 1877387.2/47

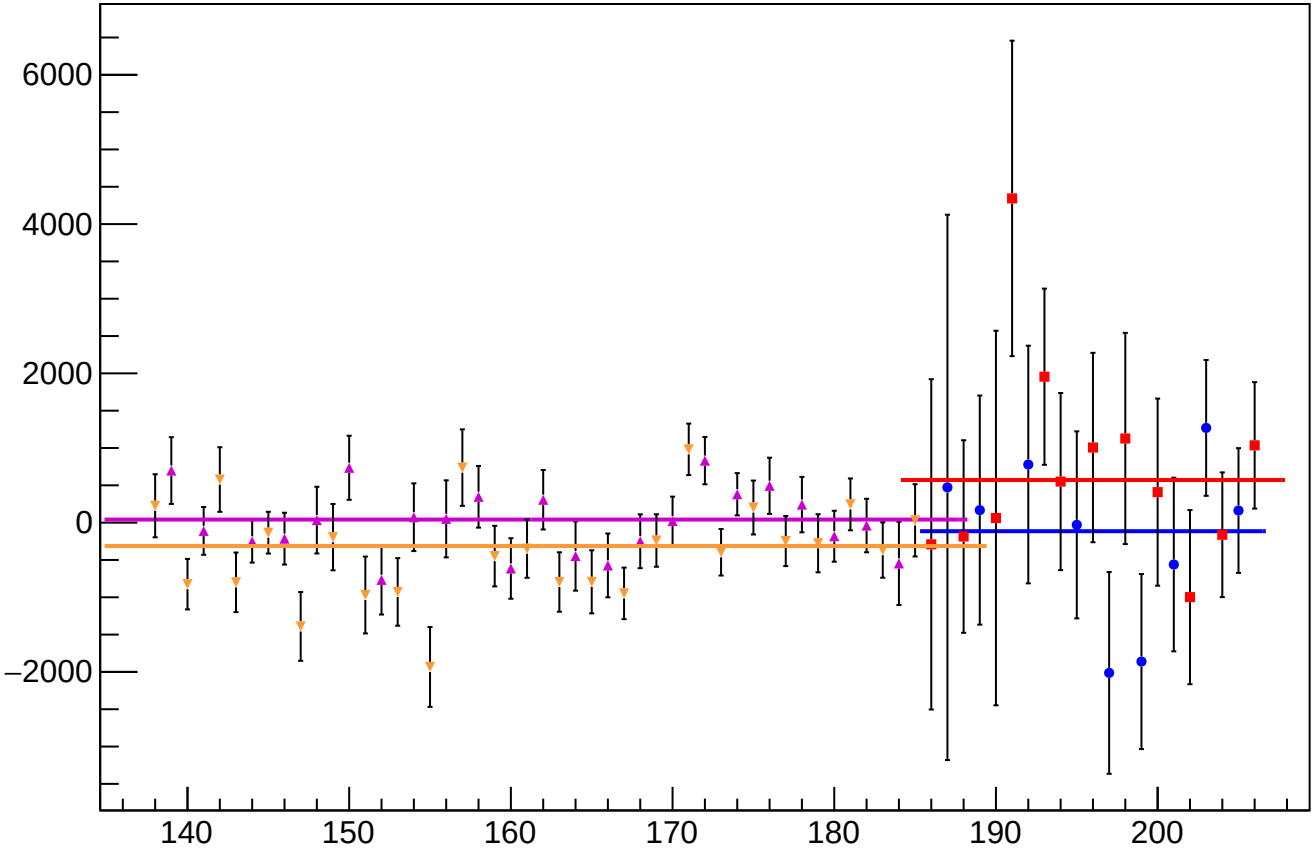
Right: 96.196+/-0.013 χ^2/NDF: 1863886.6/55

In: 92.431+/-0.012 χ^2/NDF:1761546.1/48

Out: 91.858+/-0.011 χ^2/NDF:2140102.3/54

All: 92.127+/-0.008 χ^2/NDF: 3902823.3/103

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -114.815+/-402.112 χ^2/NDF: 7.1/8

Left Out: -313.446+/-77.334 χ^2/NDF:58.1/24

Right Out: 571.177+/-355.029 χ^2/NDF: 8.3/11

Left In: 41.244+/-78.858 χ^2/NDF:28.0/22

Left: -139.560+/-55.214 χ^2/NDF: 96.4/47

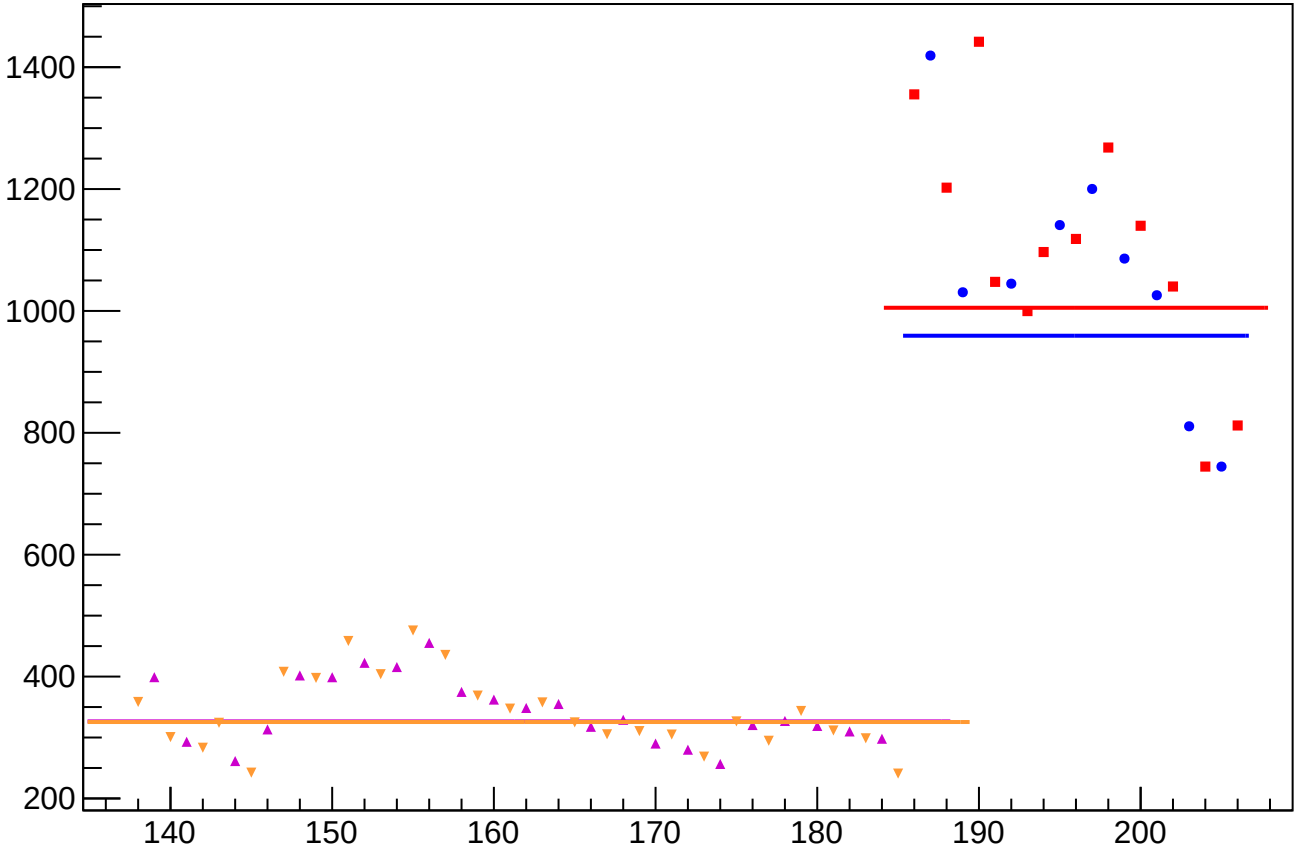
Right: 270.675+/-266.141 χ^2/NDF: 17.0/20

In: 35.464+/-77.384 χ^2/NDF:35.3/31

Out: -273.374+/-75.563 χ^2/NDF:72.3/36

All: -122.632+/-54.063 χ^2/NDF: 115.8/68

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 959.321+/-0.284 χ^2/NDF: 362494.7/8

Left Out: 325.432+/-0.055 χ^2/NDF:1000974.7/24

Right Out: 1005.209+/-0.251 χ^2/NDF: 578367.9/11

Left In: 326.516+/-0.056 χ^2/NDF:841153.2/22

Left: 325.964+/-0.039 χ^2/NDF: 1842320.6/47

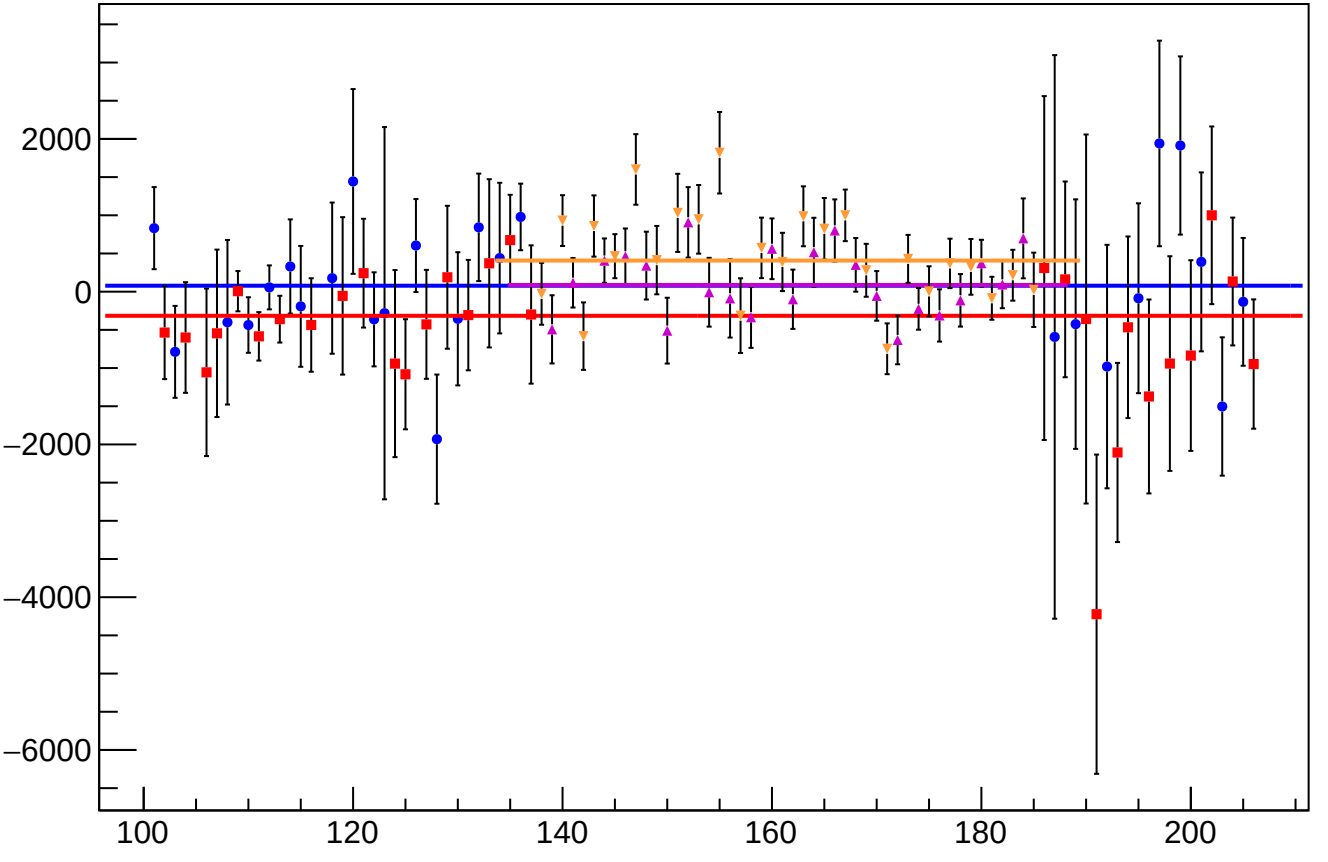
Right: 985.108+/-0.188 χ^2/NDF: 955499.0/20

In: 349.952+/-0.055 χ^2/NDF:5973286.3/31

Out: 356.225+/-0.053 χ^2/NDF:8579431.1/36

All: 353.163+/-0.038 χ^2/NDF: 14559445.5/68

asym_sam7_mean vs Slug, Sign Corrected



Right In: 77.973+/-134.439 χ^2/NDF: 28.7/25

Left Out: 407.375+/-74.730 χ^2/NDF:53.0/24

Right Out: -315.887+/-121.864 χ^2/NDF: 17.9/29

Left In: 87.657+/-76.572 χ^2/NDF:27.4/22

Left: 251.406+/-53.481 χ^2/NDF: 89.4/47

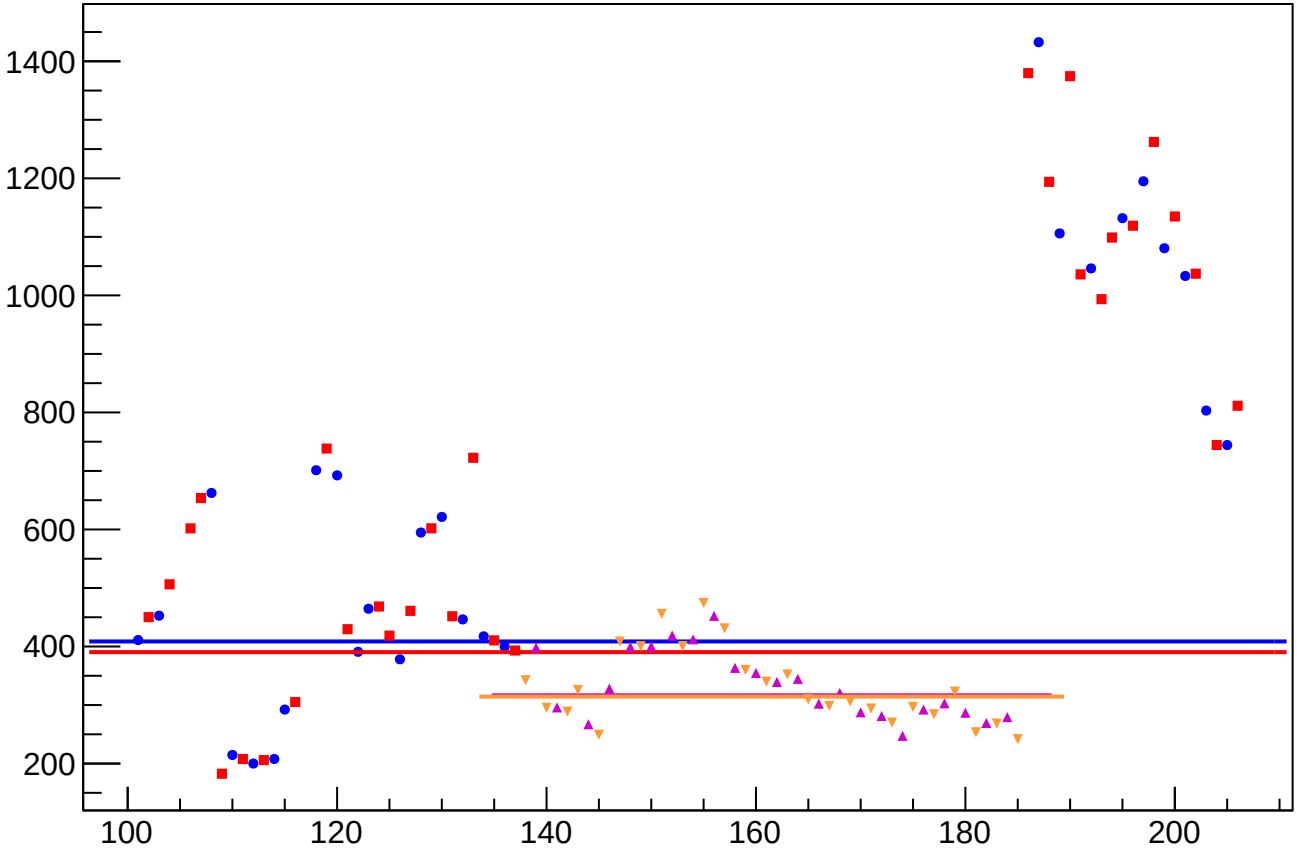
Right: -138.234+/-90.290 χ^2/NDF: 51.3/55

In: 85.285+/-66.536 χ^2/NDF:56.1/48

Out: 209.721+/-63.706 χ^2/NDF:96.5/54

All: 150.206+/-46.015 χ^2/NDF: 154.5/103

asym_sam7_rms vs Slug, Sign Corrected



Right In: 408.668+/-0.095 χ^2/NDF: 6643304.2/25

Left Out: 314.405+/-0.053 χ^2/NDF:1112244.9/24

Right Out: 390.404+/-0.086 χ^2/NDF: 10041847.5/29

Left In: 316.616+/-0.054 χ^2/NDF:929652.0/22

Left: 315.484+/-0.038 χ^2/NDF: 2042751.4/47

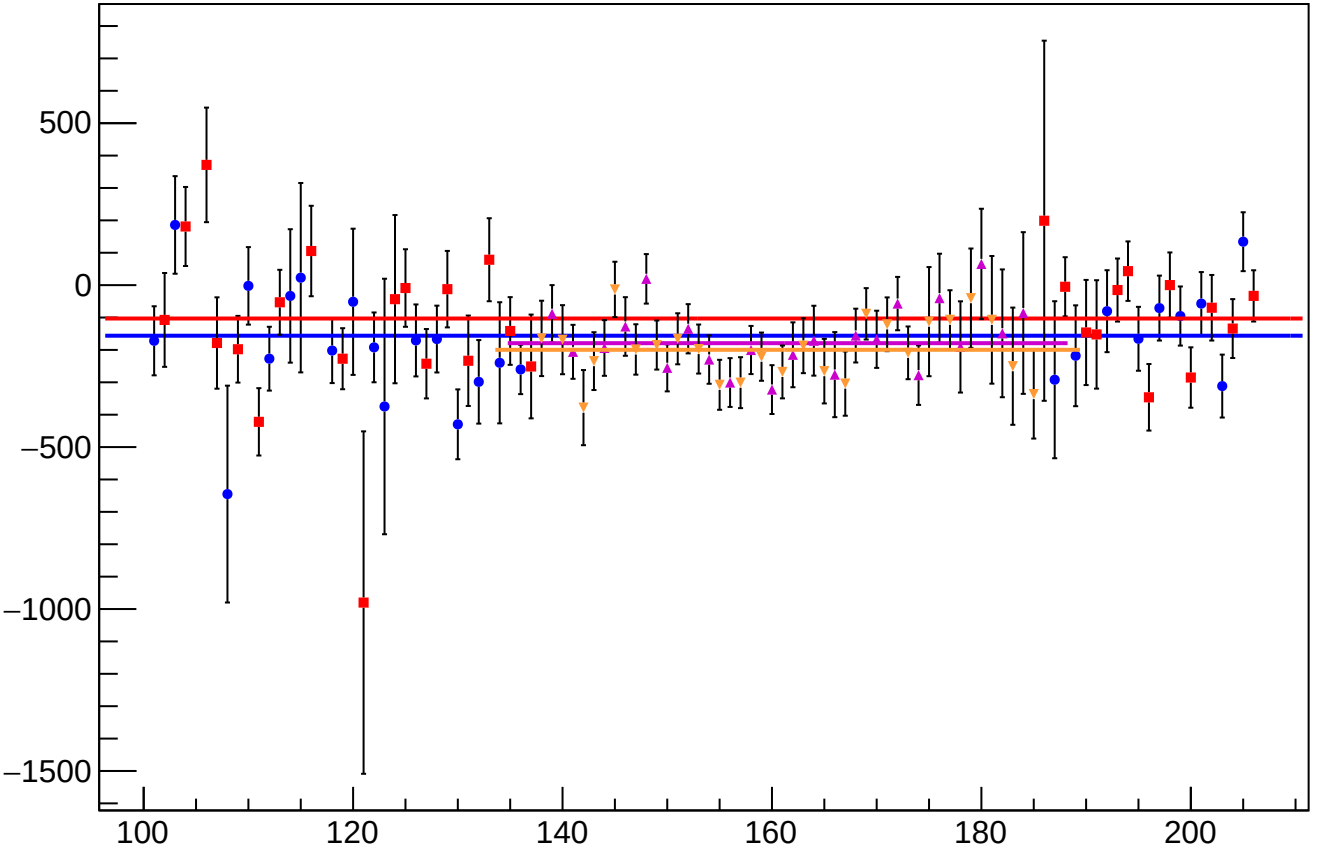
Right: 398.642+/-0.064 χ^2/NDF: 16705413.6/55

In: 339.164+/-0.047 χ^2/NDF:8280939.3/48

Out: 335.174+/-0.045 χ^2/NDF:11719376.3/54

All: 337.082+/-0.033 χ^2/NDF: 20004067.4/10

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -156.156+/-23.202 χ^2/NDF: 36.6/25

Left Out: -199.640+/-18.452 χ^2/NDF:20.2/24

Right Out: -103.045+/-21.106 χ^2/NDF: 53.4/29

Left In: -179.154+/-19.112 χ^2/NDF:23.9/22

Left: -189.757+/-13.275 χ^2/NDF: 44.6/47

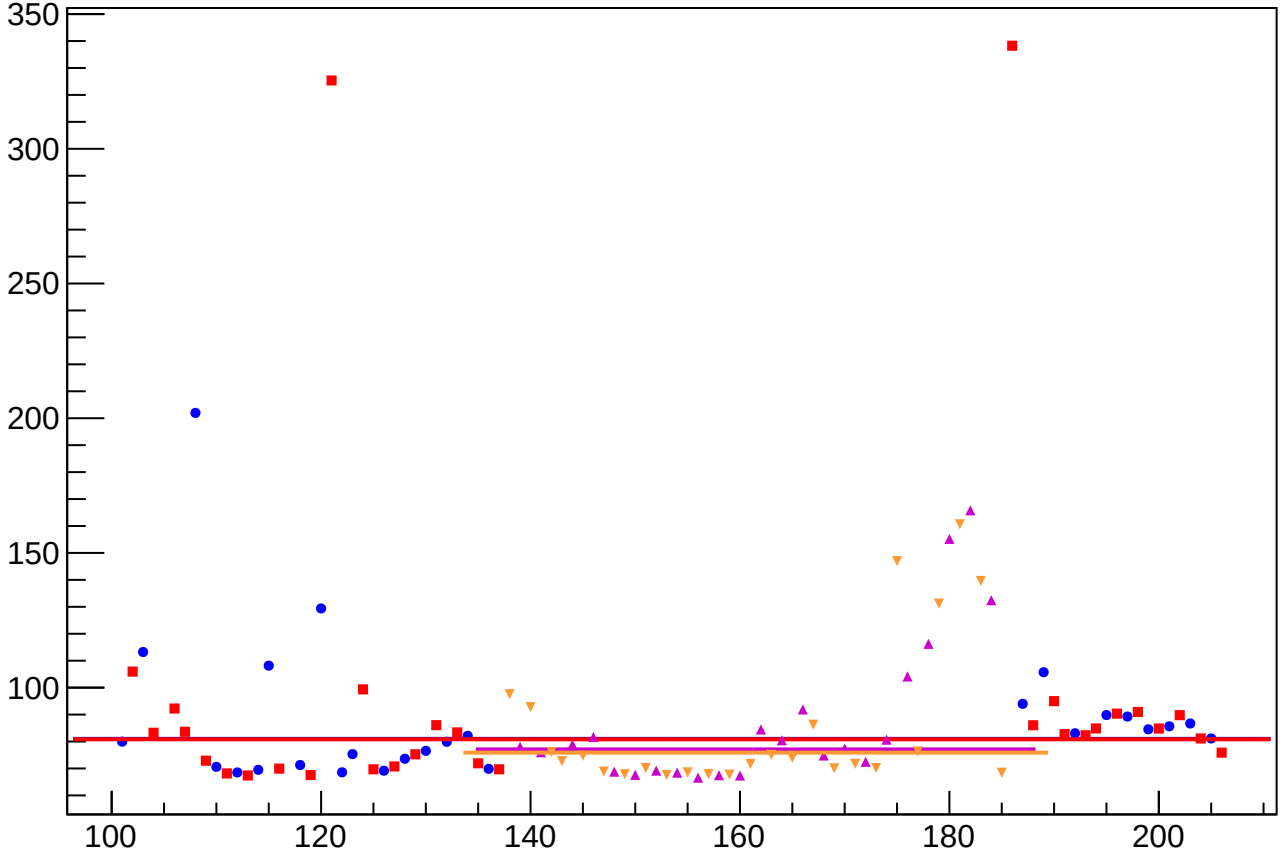
Right: -127.094+/-15.613 χ^2/NDF: 92.9/55

In: -169.857+/-14.752 χ^2/NDF:61.0/48

Out: -157.794+/-13.892 χ^2/NDF:85.5/54

All: -163.464+/-10.113 χ^2/NDF: 146.8/103

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 80.986+/-0.016 χ^2/NDF: 741296.1/25

Left Out: 75.883+/-0.013 χ^2/NDF:1552500.3/24

Right Out: 80.832+/-0.015 χ^2/NDF: 1224757.1/29

Left In: 77.080+/-0.014 χ^2/NDF:1422981.1/22

Left: 76.460+/-0.009 χ^2/NDF: 2979537.9/47

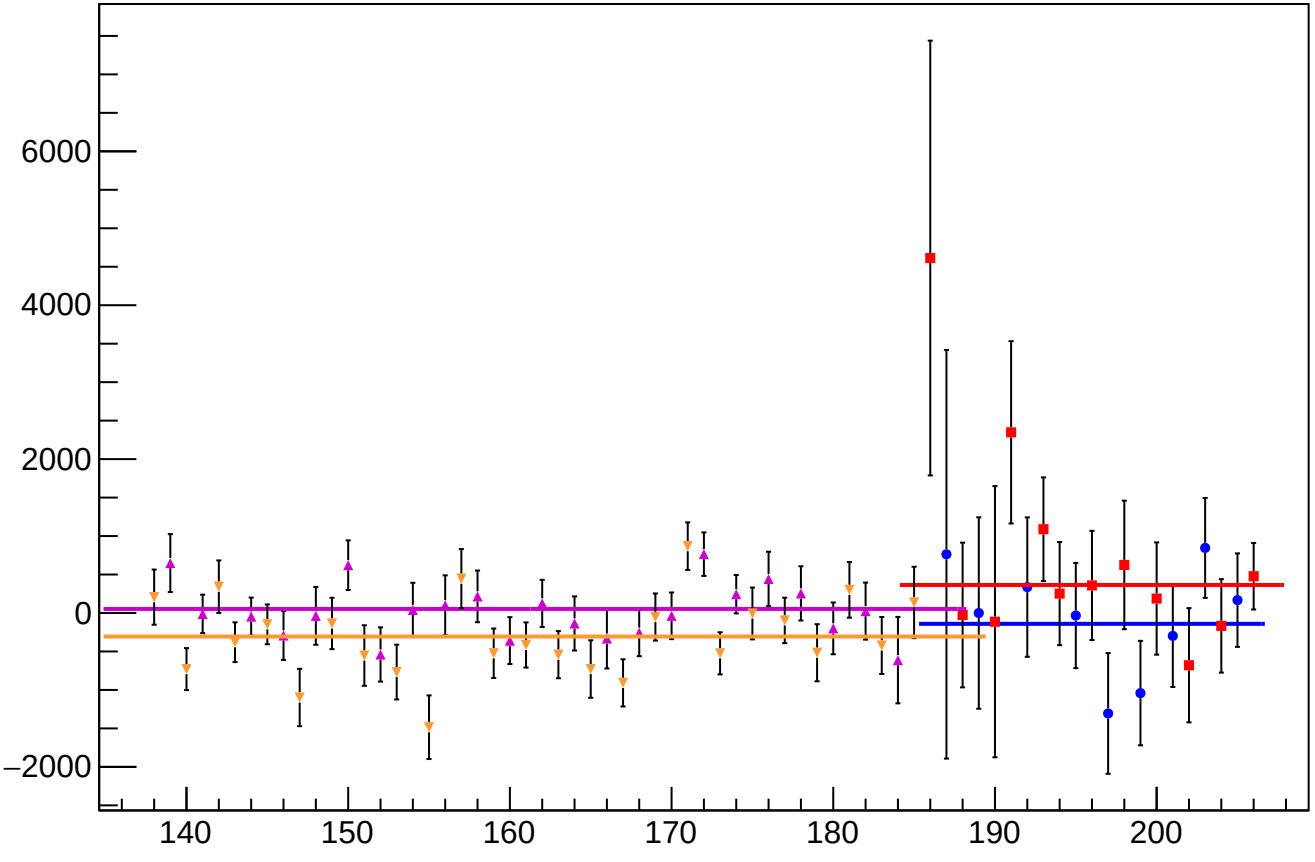
Right: 80.902+/-0.011 χ^2/NDF: 1966101.3/55

In: 78.659+/-0.010 χ^2/NDF:2198049.0/48

Out: 78.027+/-0.010 χ^2/NDF:2839582.4/54

All: 78.324+/-0.007 χ^2/NDF: 5039573.9/103

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -140.753+/-255.721 χ^2/NDF: 7.0/8

Left Out: -305.659+/-65.327 χ^2/NDF:54.9/24

Right Out: 364.424+/-213.744 χ^2/NDF: 9.5/11

Left In: 52.759+/-67.539 χ^2/NDF:24.9/22

Left: -132.416+/-46.956 χ^2/NDF: 94.3/47

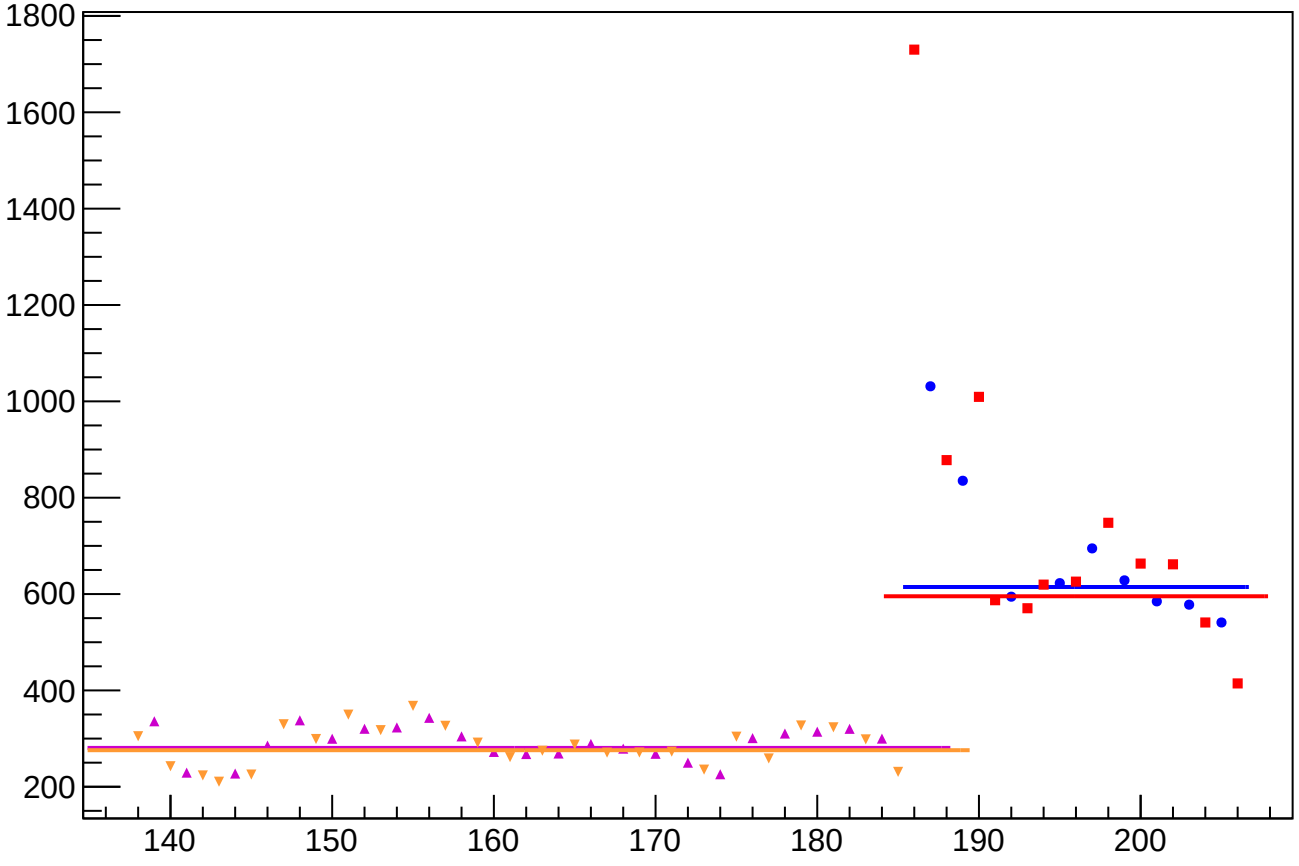
Right: 156.646+/-164.000 χ^2/NDF: 18.8/20

In: 40.141+/-65.300 χ^2/NDF:32.4/31

Out: -248.414+/-62.474 χ^2/NDF:73.3/36

All: -110.515+/-45.142 χ^2/NDF: 115.9/68

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 614.651+/-0.181 χ^2/NDF: 174831.0/8

Left Out: 275.901+/-0.046 χ^2/NDF:753109.6/24

Right Out: 595.408+/-0.151 χ^2/NDF: 1088720.7/11

Left In: 280.628+/-0.048 χ^2/NDF:587415.9/22

Left: 278.186+/-0.033 χ^2/NDF: 1345588.4/47

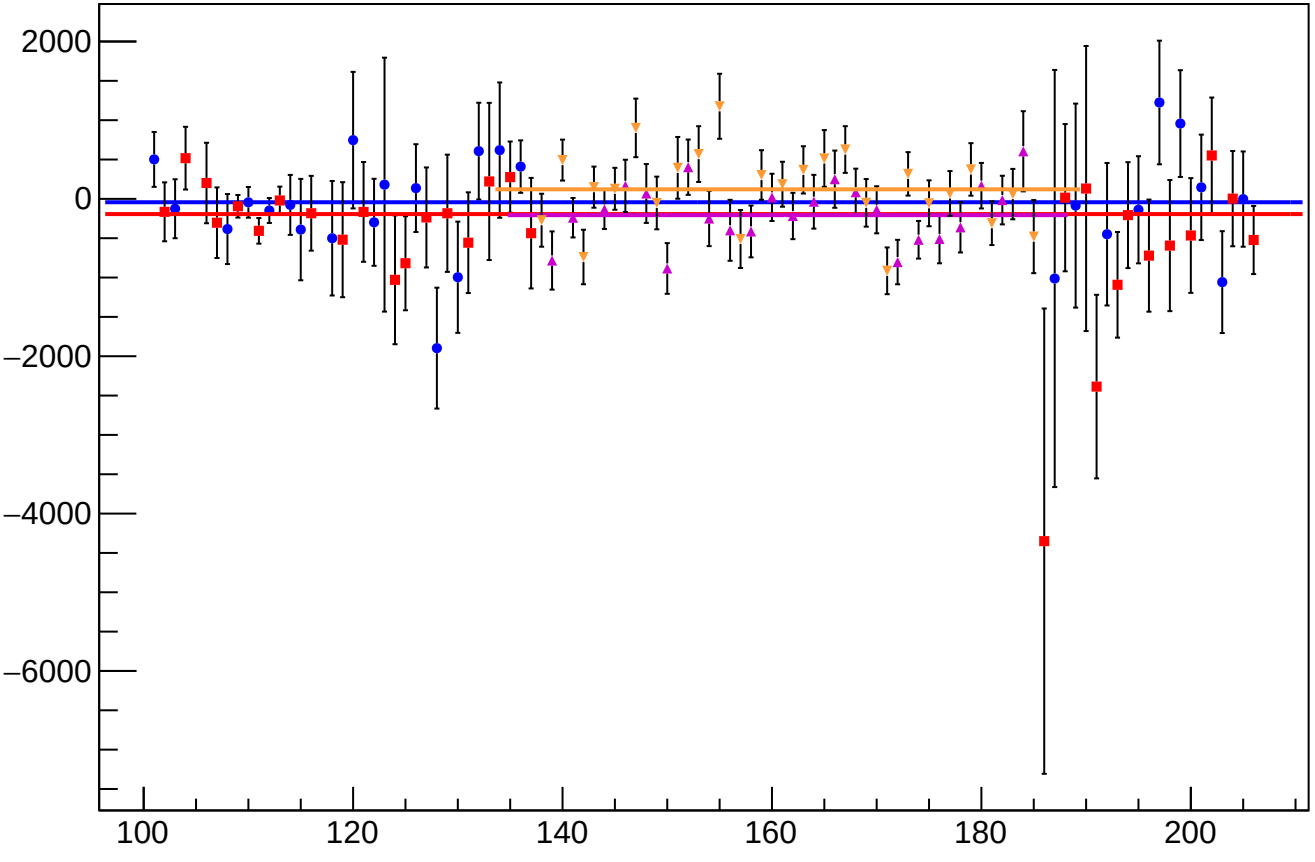
Right: 603.323+/-0.116 χ^2/NDF: 1270218.4/20

In: 302.409+/-0.046 χ^2/NDF:3952060.6/31

Out: 303.196+/-0.044 χ^2/NDF:5928976.2/36

All: 302.820+/-0.032 χ^2/NDF: 9881188.6/68

asym_sam8_mean vs Slug, Sign Corrected



Right In: -42.947+/-85.207 χ^2/NDF: 24.2/25

Left Out: 121.185+/-62.911 χ^2/NDF:49.0/24

Right Out: -193.366+/-72.479 χ^2/NDF: 21.0/29

Left In: -207.047+/-65.246 χ^2/NDF:27.8/22

Left: -36.951+/-45.288 χ^2/NDF: 89.9/47

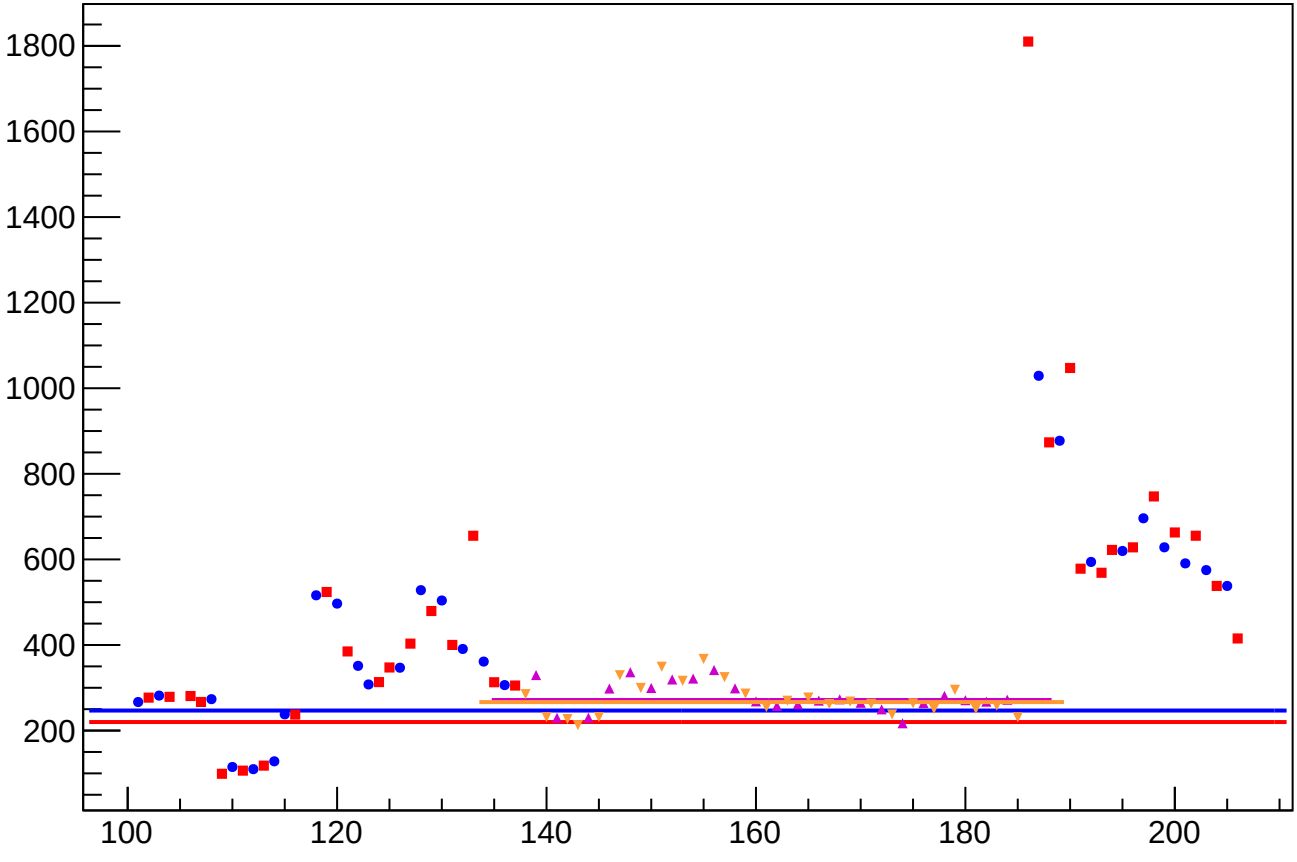
Right: -130.219+/-55.208 χ^2/NDF: 47.1/55

In: -146.391+/-51.803 χ^2/NDF:54.4/48

Out: -13.972+/-47.510 χ^2/NDF:80.8/54

All: -74.468+/-35.014 χ^2/NDF: 138.7/103

asym_sam8_rms vs Slug, Sign Corrected



Right In: 246.811+/-0.060 χ^2/NDF: 8282267.3/25

Left Out: 266.618+/-0.044 χ^2/NDF:639230.8/24

Right Out: 219.950+/-0.051 χ^2/NDF: 12128898.3/29

Left In: 271.451+/-0.046 χ^2/NDF:530897.8/22

Left: 268.946+/-0.032 χ^2/NDF: 1175815.9/47

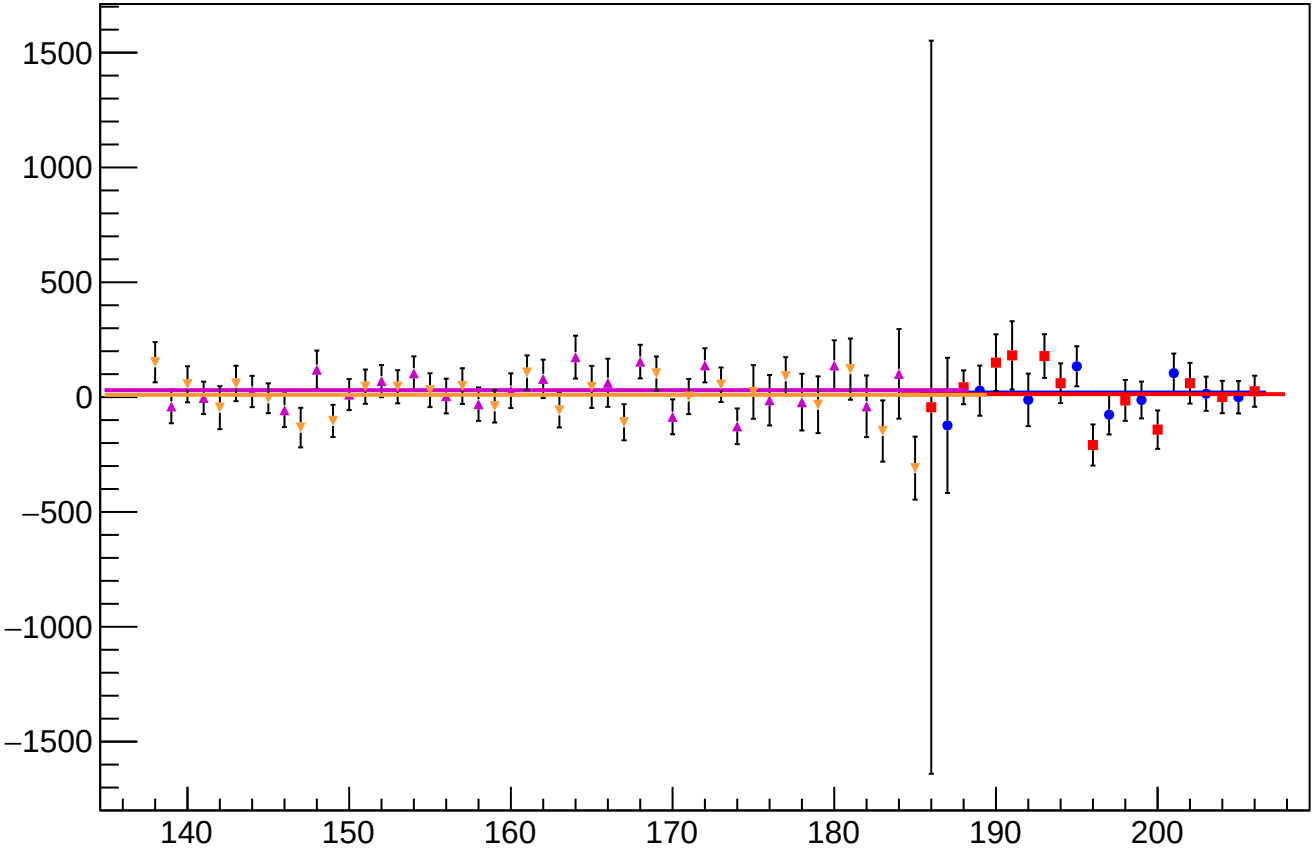
Right: 231.226+/-0.039 χ^2/NDF: 20526482.8/55

In: 262.343+/-0.037 χ^2/NDF:8918593.1/48

Out: 246.565+/-0.034 χ^2/NDF:13241011.6/54

All: 253.774+/-0.025 χ^2/NDF: 22260374.5/10

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 19.920+/-29.946 χ^2/NDF: 4.5/8

Left Out: 9.762+/-16.463 χ^2/NDF:25.9/24

Right Out: 12.939+/-25.980 χ^2/NDF: 16.0/11

Left In: 30.236+/-17.031 χ^2/NDF:21.9/22

Left: 19.652+/-11.837 χ^2/NDF: 48.6/47

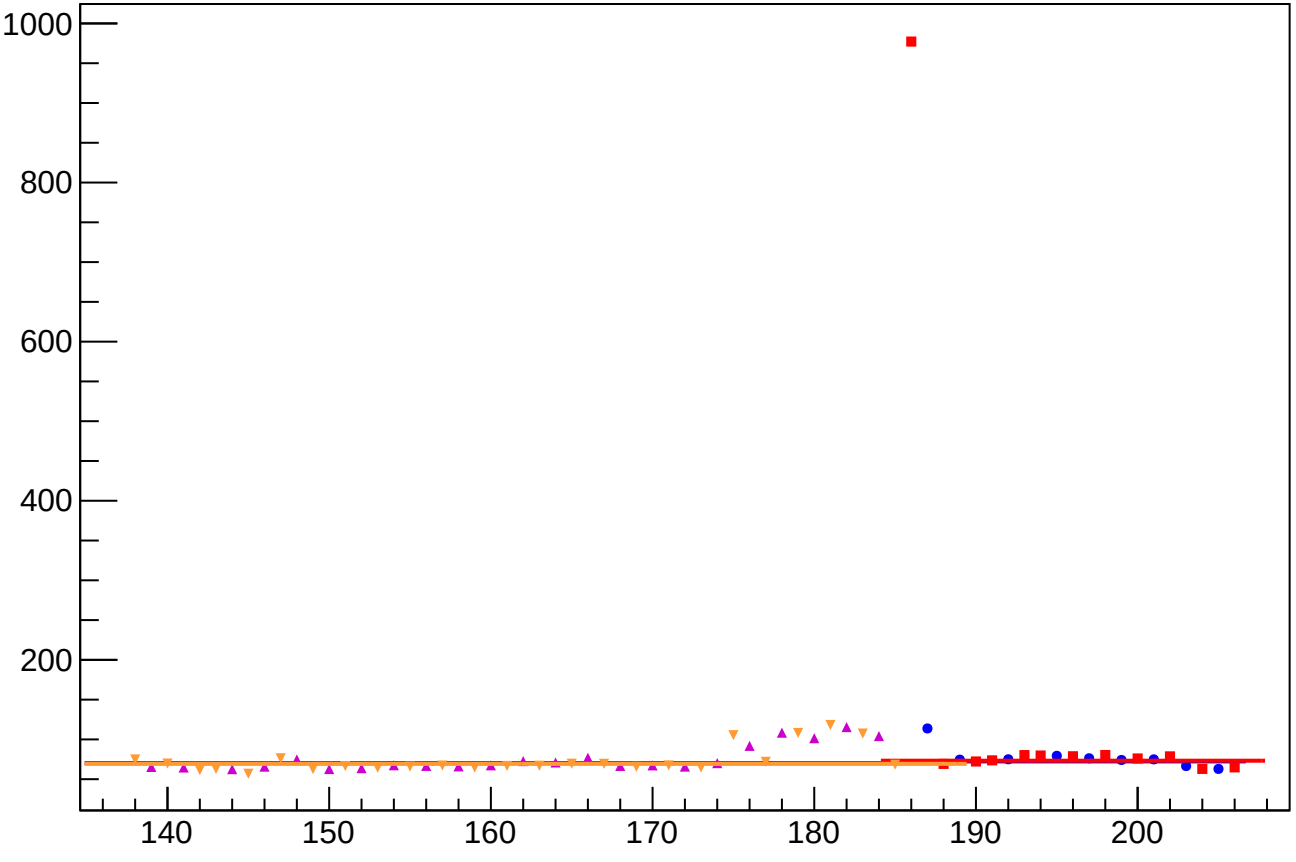
Right: 15.937+/-19.624 χ^2/NDF: 20.6/20

In: 27.715+/-14.804 χ^2/NDF:26.5/31

Out: 10.672+/-13.906 χ^2/NDF:42.0/36

All: 18.661+/-10.136 χ^2/NDF: 69.2/68

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 72.364+/-0.021 χ^2/NDF: 109344.0/8

Left Out: 69.234+/-0.012 χ^2/NDF:1005922.1/24

Right Out: 73.242+/-0.018 χ^2/NDF: 773839.9/11

Left In: 70.322+/-0.012 χ^2/NDF:862105.7/22

Left: 69.760+/-0.008 χ^2/NDF: 1872251.2/47

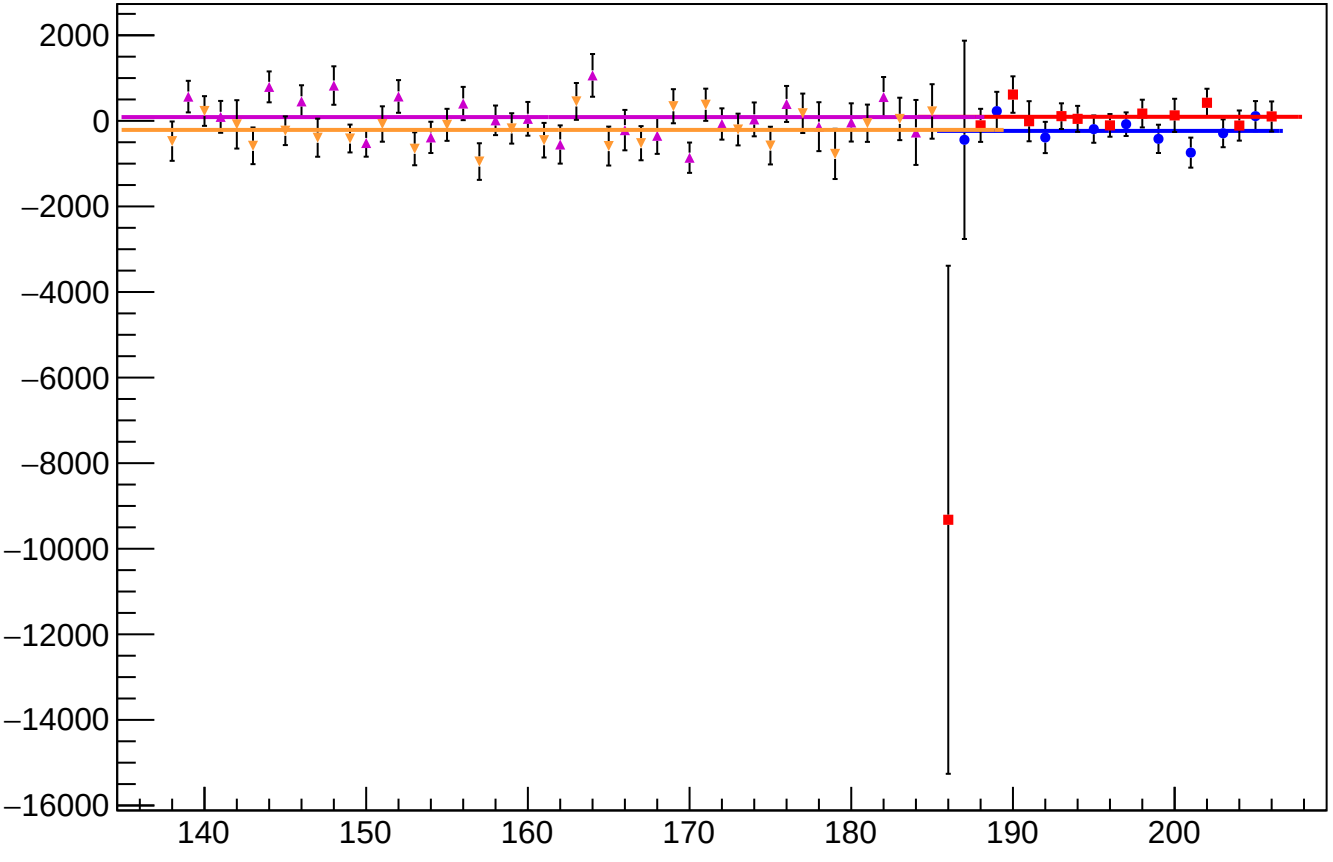
Right: 72.865+/-0.014 χ^2/NDF: 884166.3/20

In: 70.821+/-0.010 χ^2/NDF:978471.7/31

Out: 70.382+/-0.010 χ^2/NDF:1813732.3/36

All: 70.588+/-0.007 χ^2/NDF: 2793137.9/68

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: -234.902+/-119.186 χ^2/NDF: 5.0/8

Left Out: -211.526+/-82.780 χ^2/NDF:19.4/24

Right Out: 94.426+/-102.768 χ^2/NDF: 6.3/11

Left In: 88.062+/-84.309 χ^2/NDF:33.5/22

Left: -64.474+/-59.067 χ^2/NDF: 59.3/47

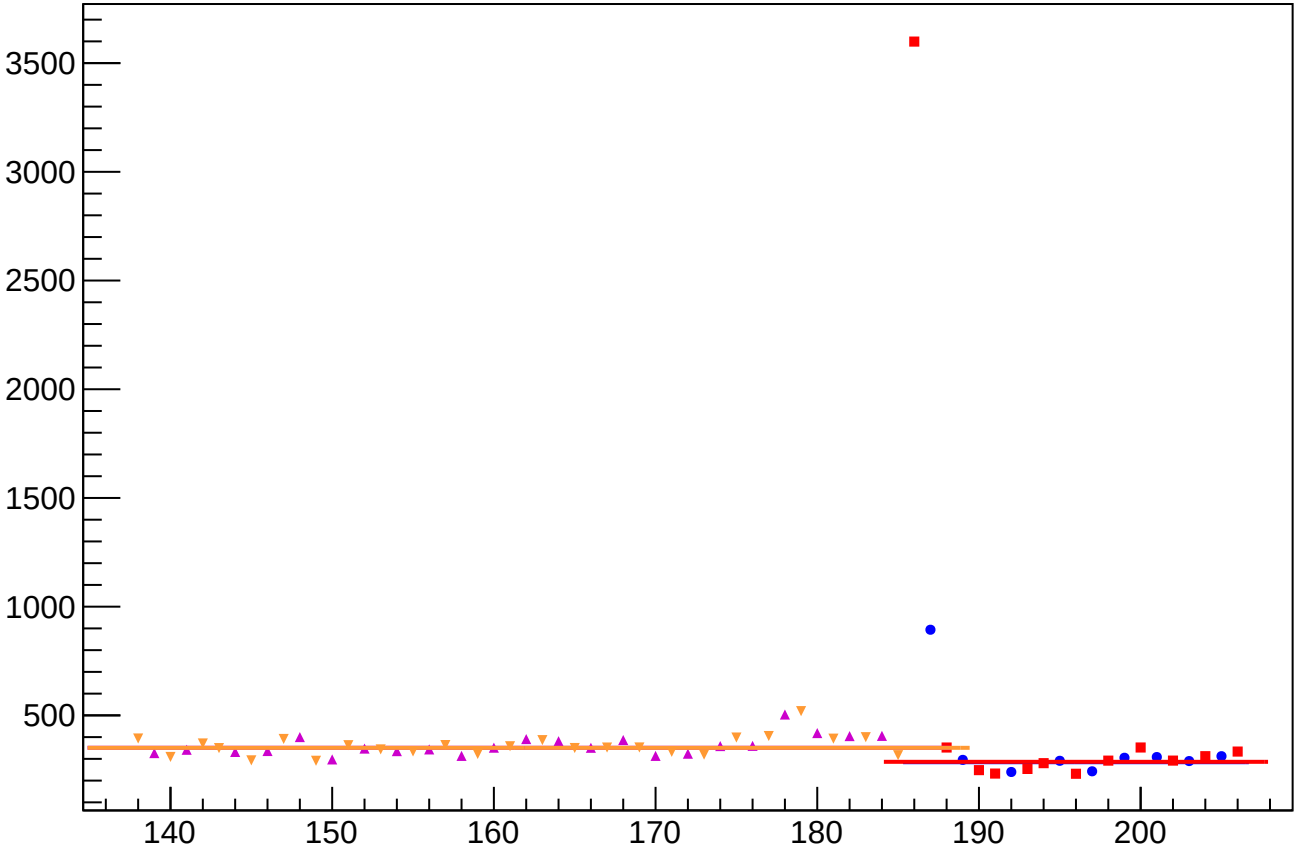
Right: -46.009+/-77.831 χ^2/NDF: 15.7/20

In: -19.647+/-68.830 χ^2/NDF:43.3/31

Out: -91.131+/-64.467 χ^2/NDF:31.1/36

All: -57.726+/-47.052 χ^2/NDF: 75.0/68

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 284.550+/-0.084 χ^2/NDF: 246320.5/8

Left Out: 350.780+/-0.059 χ^2/NDF:506274.4/24

Right Out: 286.366+/-0.073 χ^2/NDF: 939903.5/11

Left In: 350.944+/-0.060 χ^2/NDF:424876.4/22

Left: 350.861+/-0.042 χ^2/NDF: 931154.7/47

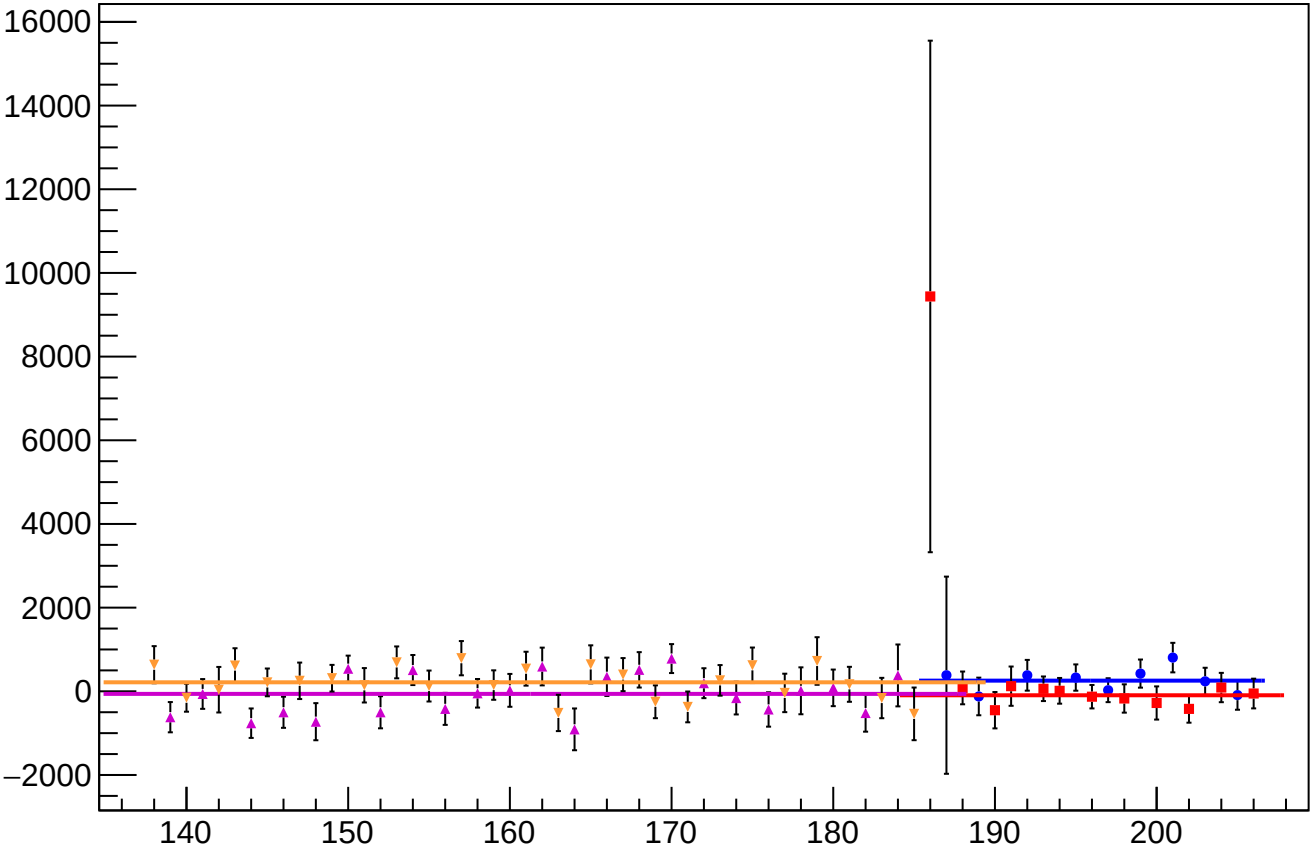
Right: 285.592+/-0.055 χ^2/NDF: 1186490.2/20

In: 328.802+/-0.049 χ^2/NDF:1084848.7/31

Out: 325.433+/-0.046 χ^2/NDF:1922723.2/36

All: 327.007+/-0.033 χ^2/NDF: 3010124.9/68

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 254.996+/-119.987 χ^2/NDF: 5.2/8

Left Out: 215.214+/-81.235 χ^2/NDF:19.6/24

Right Out: -94.763+/-104.460 χ^2/NDF: 5.5/11

Left In: -61.730+/-82.841 χ^2/NDF:34.9/22

Left: 79.453+/-58.001 χ^2/NDF: 60.2/47

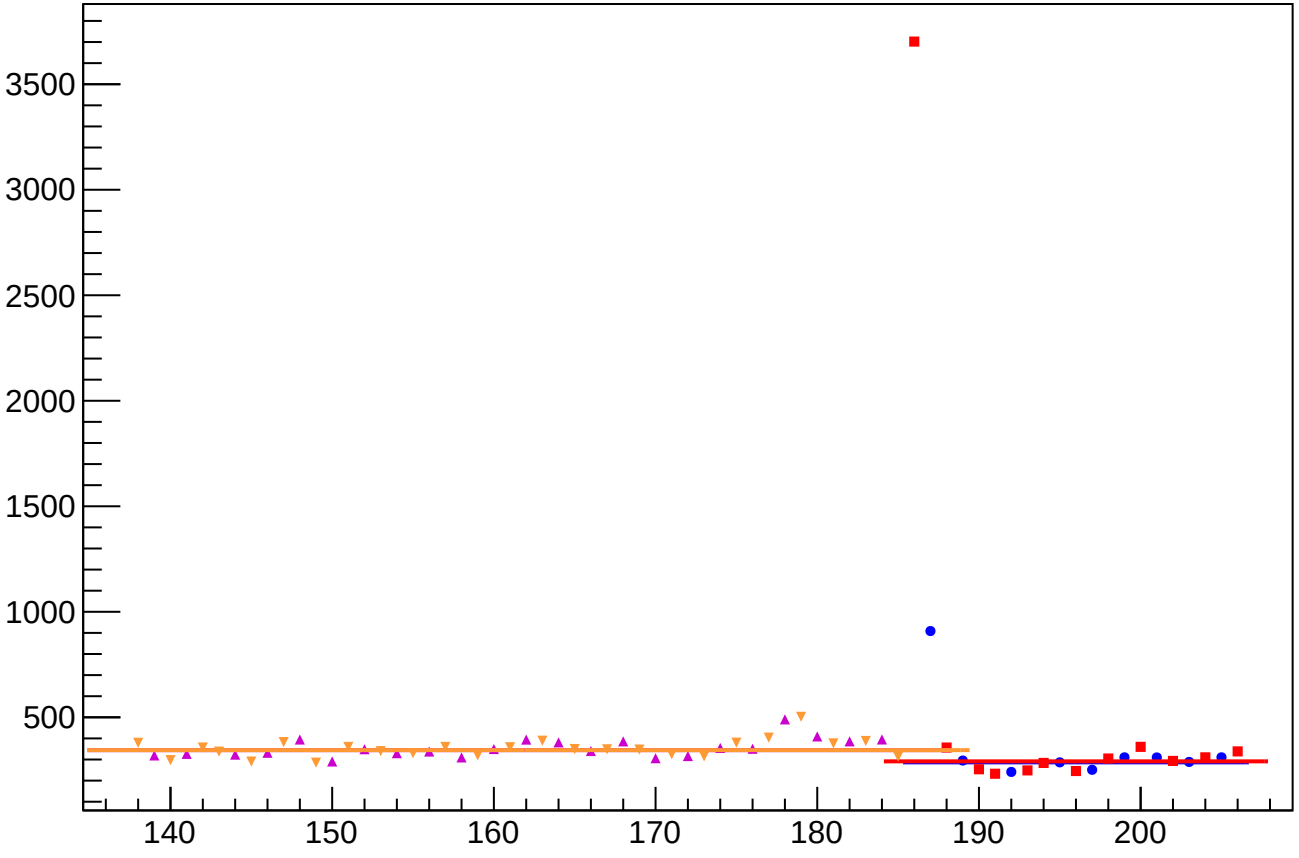
Right: 56.035+/-78.786 χ^2/NDF: 15.5/20

In: 40.510+/-68.172 χ^2/NDF:44.8/31

Out: 98.397+/-64.126 χ^2/NDF:30.5/36

All: 71.222+/-46.709 χ^2/NDF: 75.8/68

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 286.510+/-0.085 χ^2/NDF: 229427.0/8

Left Out: 344.439+/-0.057 χ^2/NDF:488381.9/24

Right Out: 291.262+/-0.074 χ^2/NDF: 926602.9/11

Left In: 344.475+/-0.059 χ^2/NDF:433401.7/22

Left: 344.457+/-0.041 χ^2/NDF: 921783.8/47

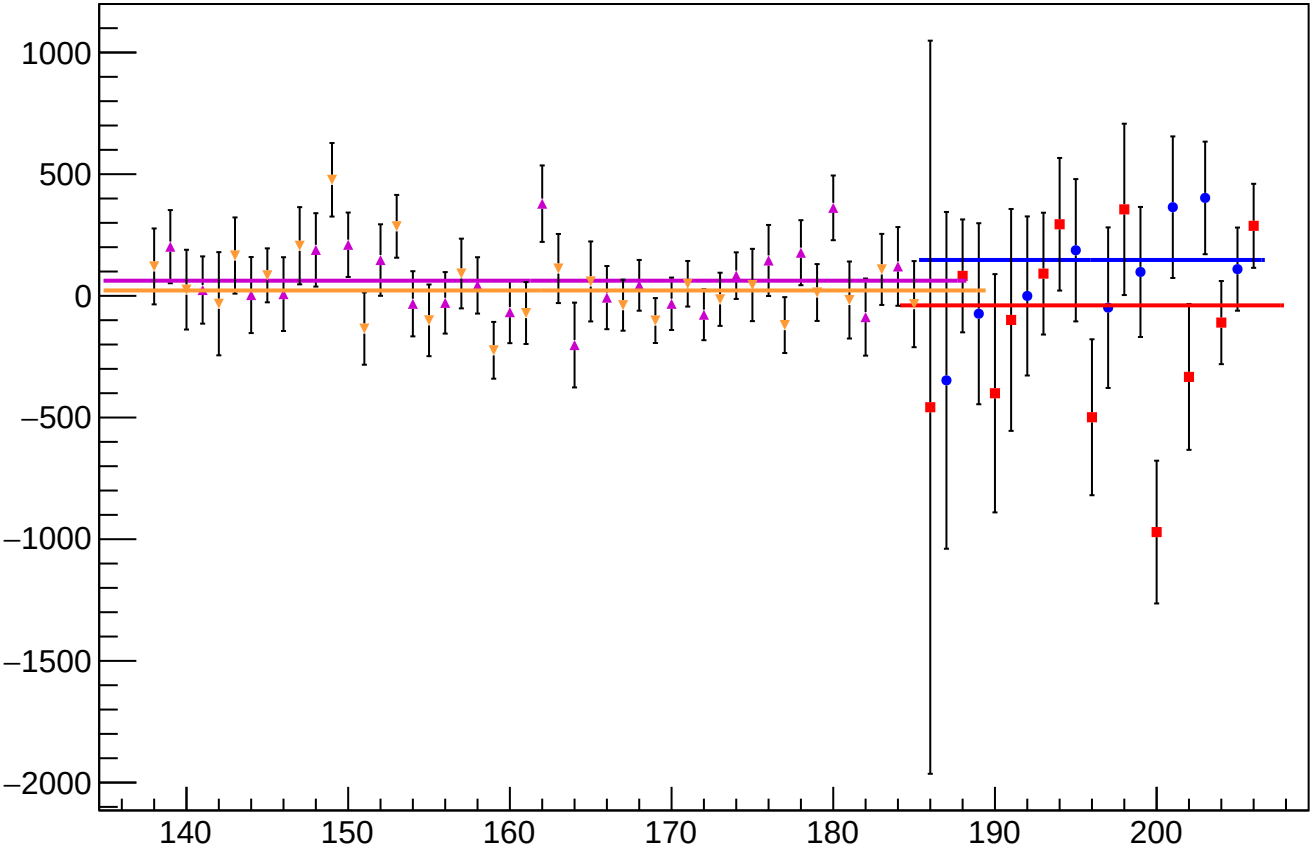
Right: 289.213+/-0.056 χ^2/NDF: 1157814.4/20

In: 325.764+/-0.048 χ^2/NDF:978921.2/31

Out: 324.399+/-0.045 χ^2/NDF:1737965.5/36

All: 325.040+/-0.033 χ^2/NDF: 2717311.9/68

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 147.494+/-91.921 χ^2/NDF: 3.3/8

Left Out: 22.164+/-26.284 χ^2/NDF:28.1/24

Right Out: -39.132+/-77.657 χ^2/NDF: 20.8/11

Left In: 62.310+/-27.398 χ^2/NDF:22.0/22

Left: 41.404+/-18.967 χ^2/NDF: 51.2/47

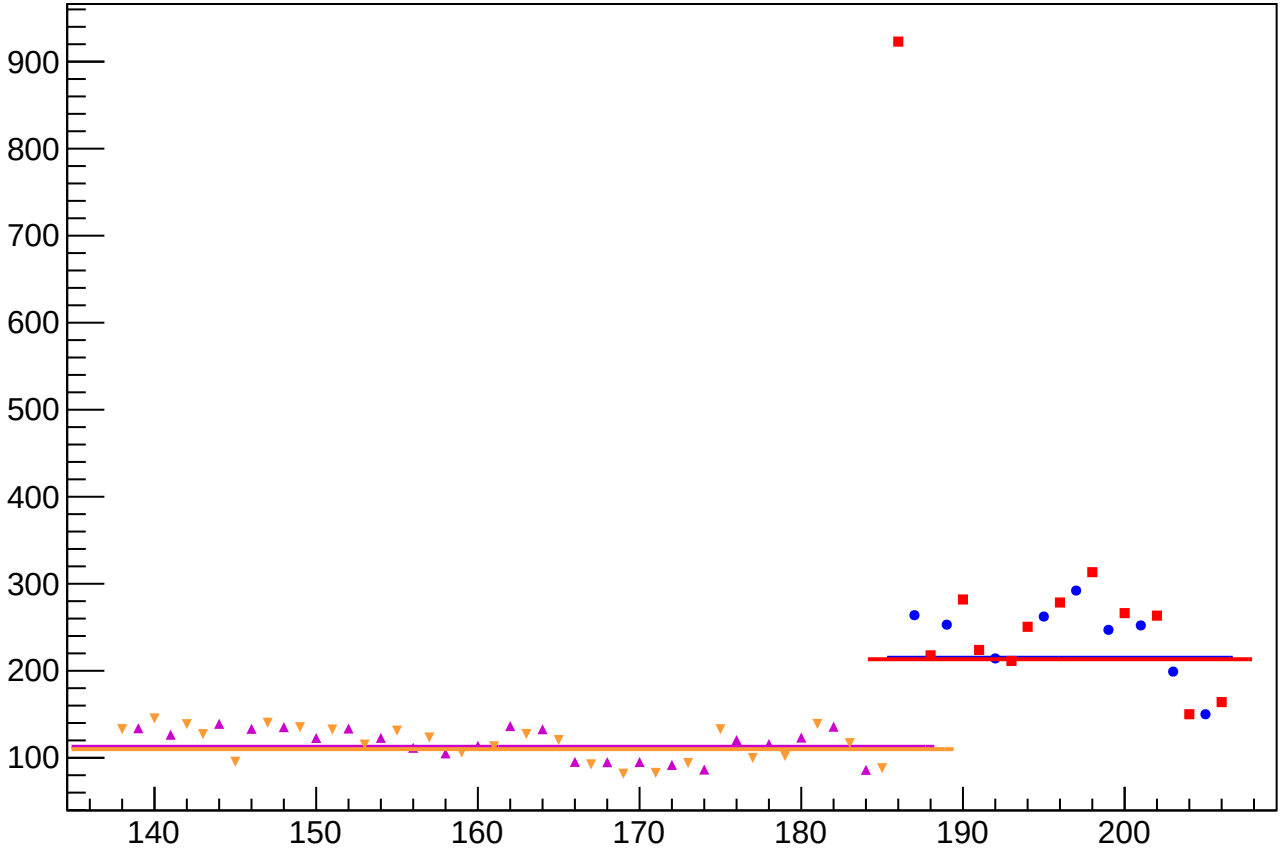
Right: 38.593+/-59.321 χ^2/NDF: 26.5/20

In: 69.260+/-26.257 χ^2/NDF:26.1/31

Out: 15.864+/-24.897 χ^2/NDF:49.4/36

All: 41.143+/-18.066 χ^2/NDF: 77.7/68

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 214.968+/-0.065 χ^2/NDF: 552524.5/8

Left Out: 109.953+/-0.019 χ^2/NDF:1140626.9/24

Right Out: 213.282+/-0.055 χ^2/NDF: 1324724.7/11

Left In: 112.657+/-0.019 χ^2/NDF:835831.1/22

Left: 111.249+/-0.013 χ^2/NDF: 1986605.7/47

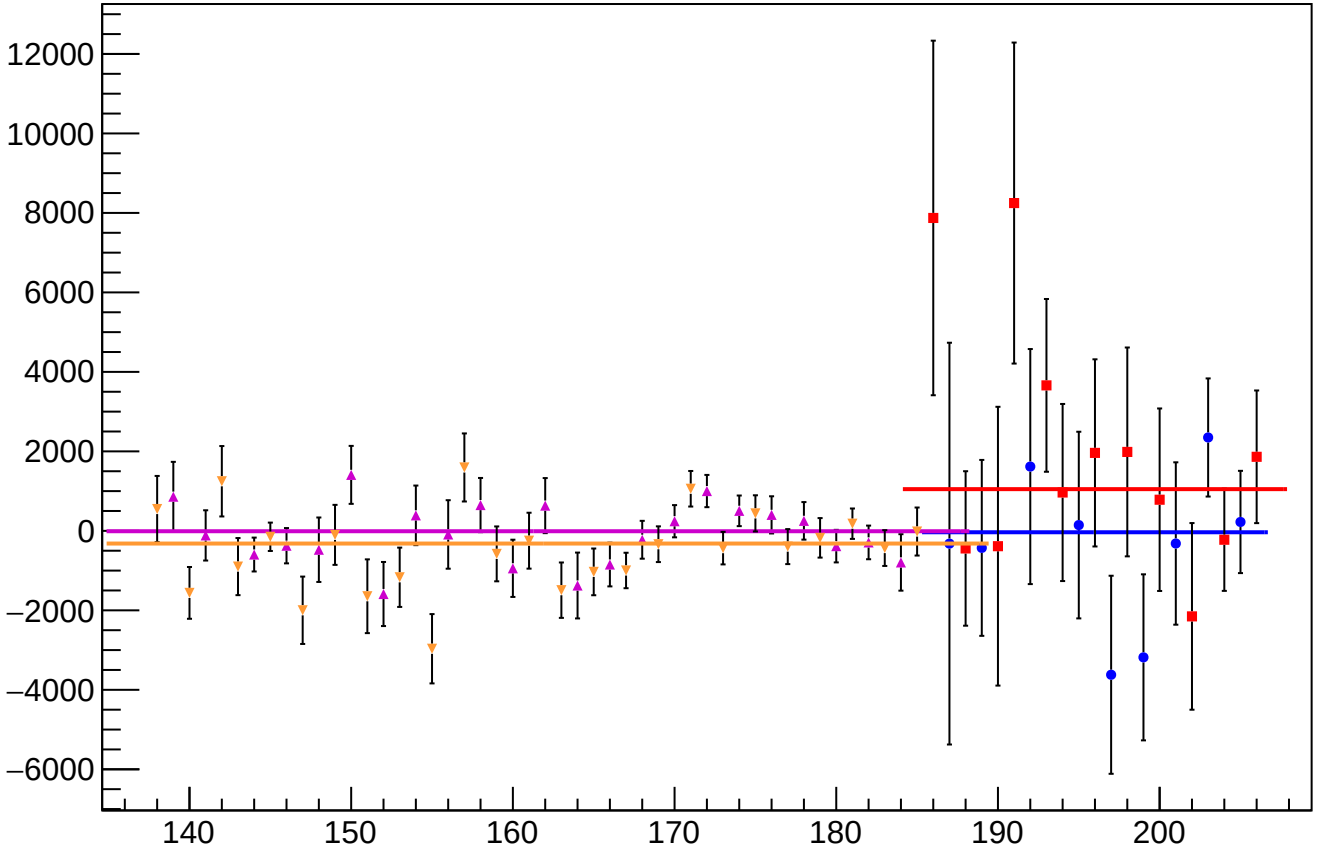
Right: 213.985+/-0.042 χ^2/NDF: 1877641.7/20

In: 121.005+/-0.019 χ^2/NDF:3663868.4/31

Out: 120.573+/-0.018 χ^2/NDF:5642364.6/36

All: 120.778+/-0.013 χ^2/NDF: 9306517.7/68

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -35.420+/-670.325 χ^2/NDF: 7.3/8

Left Out: -319.391+/-110.306 χ^2/NDF:51.5/24

Right Out: 1049.641+/-628.705 χ^2/NDF: 11.1/11

Left In: -9.462+/-112.340 χ^2/NDF:32.5/22

Left: -167.259+/-78.707 χ^2/NDF: 87.9/47

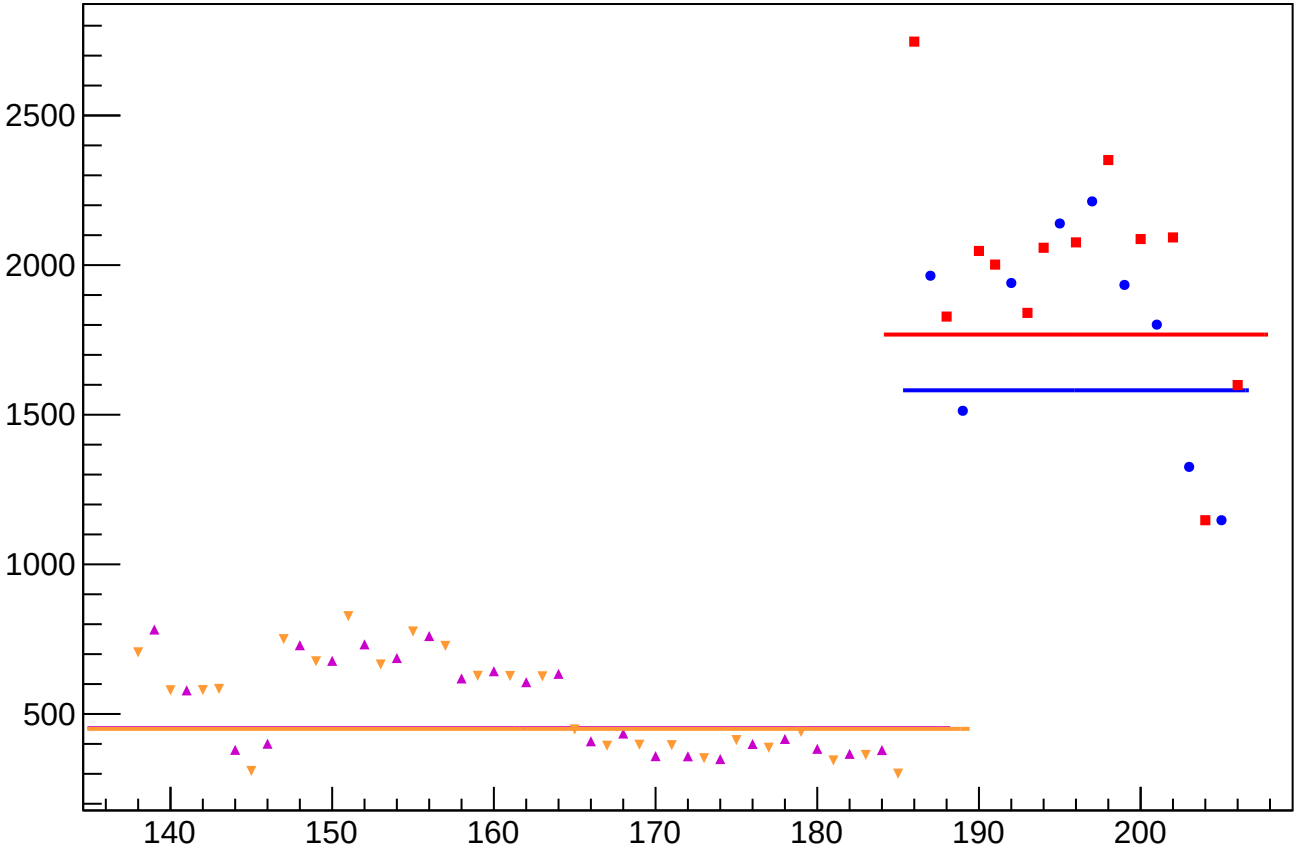
Right: 541.839+/-458.570 χ^2/NDF: 19.8/20

In: -10.171+/-110.795 χ^2/NDF:39.8/31

Out: -278.508+/-108.646 χ^2/NDF:67.2/36

All: -146.967+/-77.573 χ^2/NDF: 110.0/68

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1581.593+/-0.474 χ^2/NDF: 650751.1/8

Left Out: 450.363+/-0.078 χ^2/NDF:3096435.8/24

Right Out: 1767.891+/-0.445 χ^2/NDF: 848739.5/11

Left In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

Left: 451.507+/-0.056 χ^2/NDF: 5682906.4/47

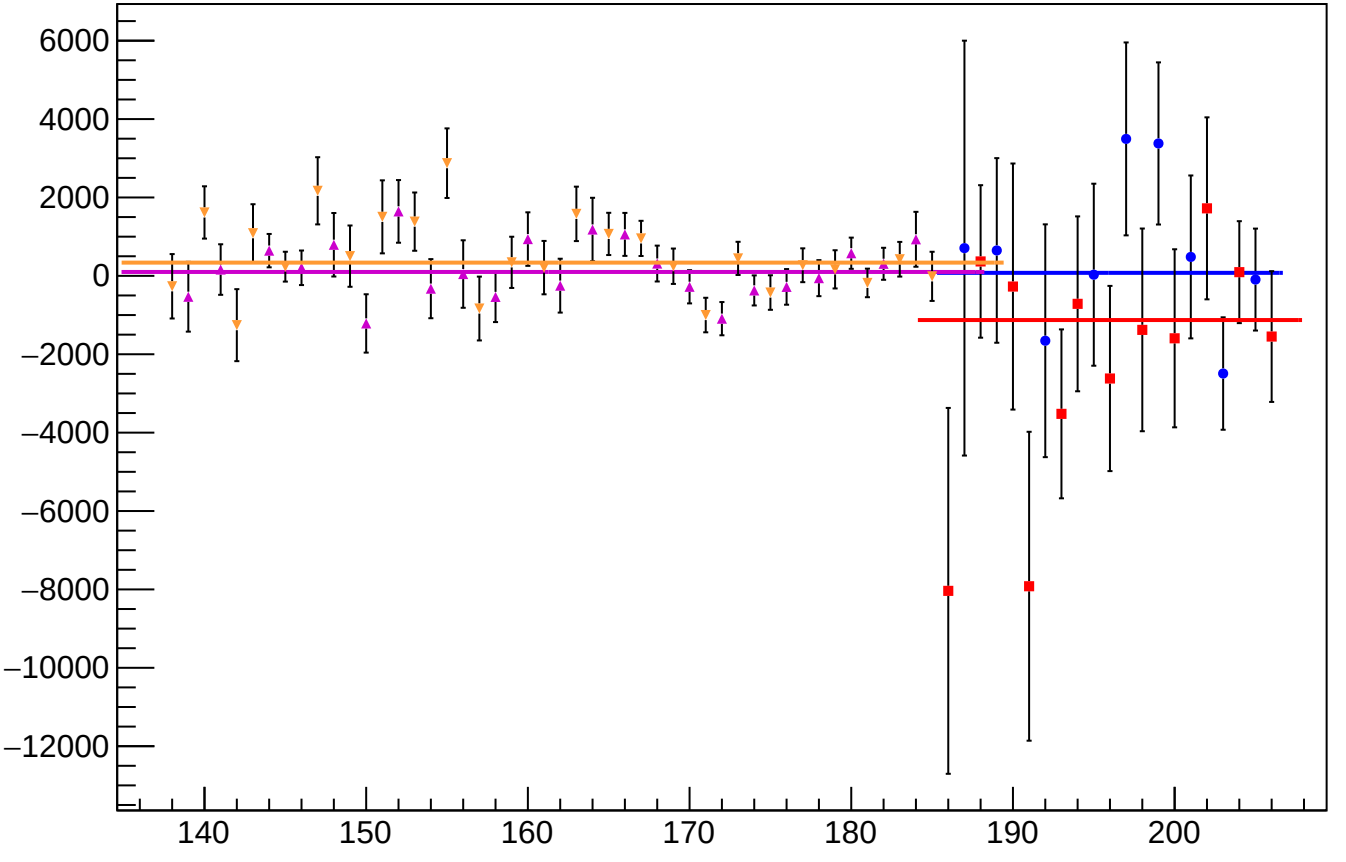
Right: 1680.705+/-0.324 χ^2/NDF: 1581675.5/20

In: 483.535+/-0.078 χ^2/NDF:8754258.6/31

Out: 489.708+/-0.077 χ^2/NDF:12466138.8/36

All: 486.682+/-0.055 χ^2/NDF: 21223562.9/68

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 76.939+/-670.743 χ^2/NDF: 8.2/8

Left Out: 337.948+/-109.831 χ^2/NDF:48.6/24

Right Out: -1127.333+/-626.106 χ^2/NDF: 10.0/11

Left In: 99.475+/-111.475 χ^2/NDF:32.1/22

Left: 220.483+/-78.237 χ^2/NDF: 83.0/47

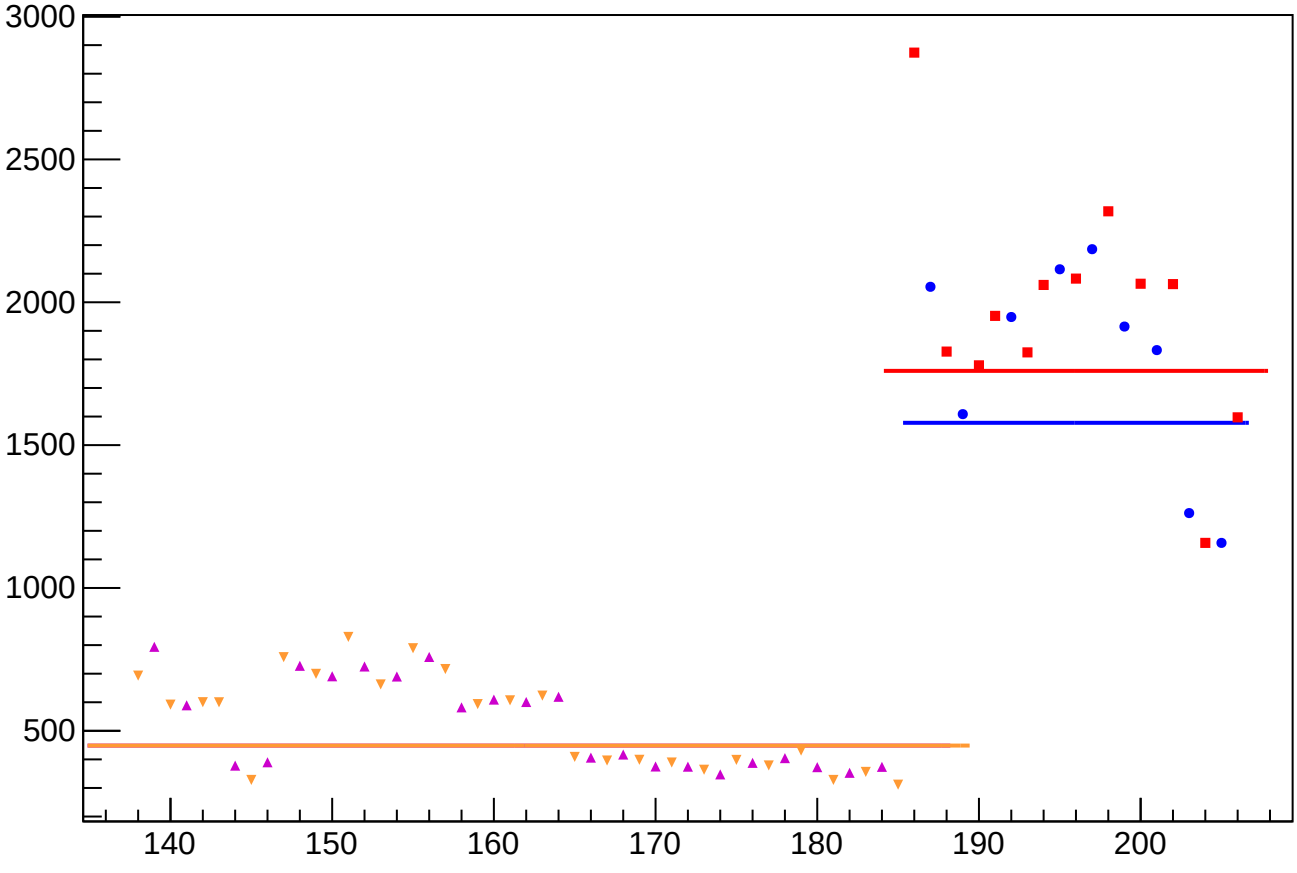
Right: -566.599+/-457.691 χ^2/NDF: 19.9/20

In: 98.869+/-109.967 χ^2/NDF:40.2/31

Out: 294.204+/-108.179 χ^2/NDF:63.9/36

All: 198.137+/-77.118 χ^2/NDF: 105.7/68

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1578.097+/-0.474 χ^2/NDF: 665710.5/8

Left Out: 448.397+/-0.078 χ^2/NDF:3077183.0/24

Right Out: 1759.893+/-0.443 χ^2/NDF: 807988.2/11

Left In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

Left: 448.319+/-0.055 χ^2/NDF: 5640640.6/47

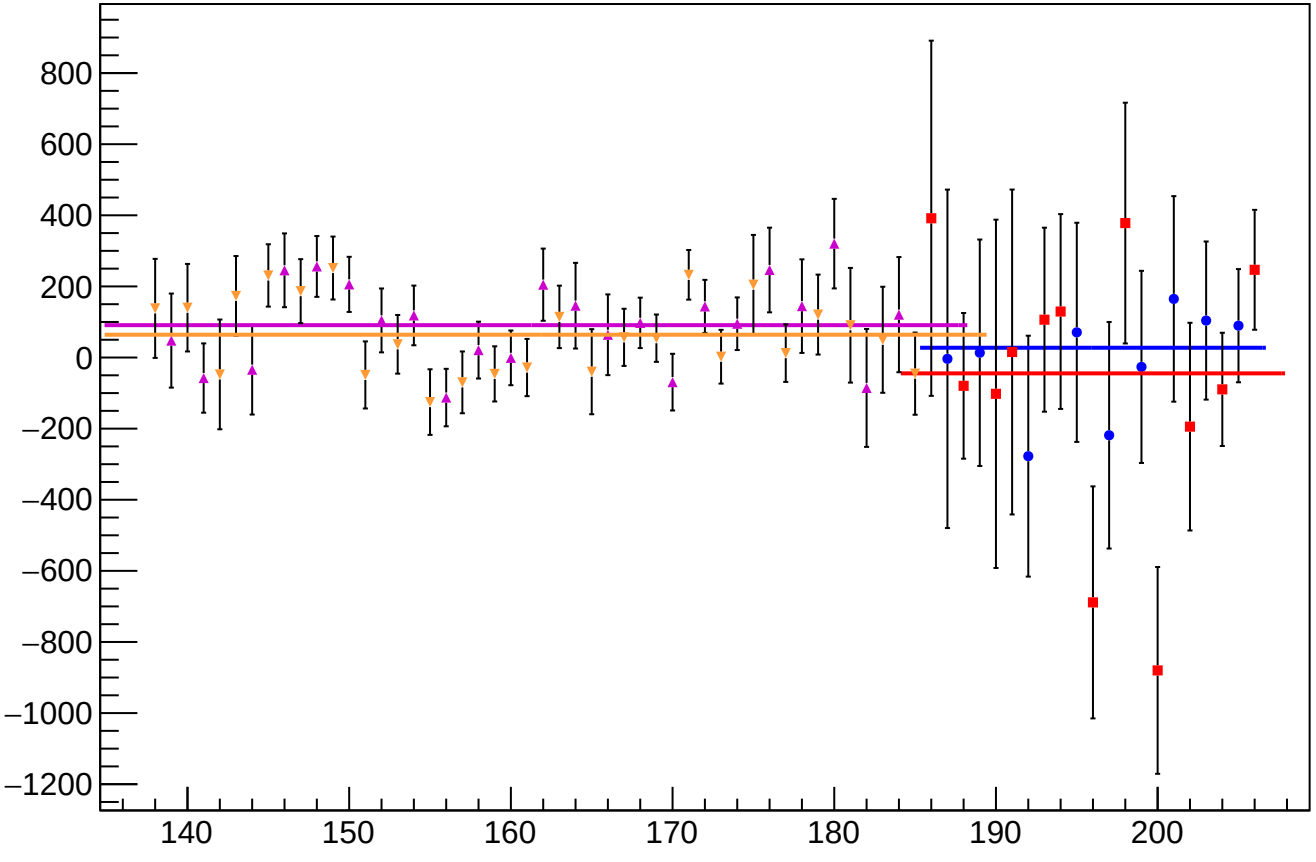
Right: 1675.245+/-0.324 χ^2/NDF: 1552210.9/20

In: 478.608+/-0.078 χ^2/NDF:8751623.7/31

Out: 487.549+/-0.076 χ^2/NDF:12398639.7/36

All: 483.151+/-0.055 χ^2/NDF: 21156983.1/68

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 27.517+/-88.139 χ^2/NDF: 2.0/8

Left Out: 64.142+/-18.728 χ^2/NDF:33.8/24

Right Out: -44.530+/-74.257 χ^2/NDF: 18.6/11

Left In: 91.028+/-19.637 χ^2/NDF:32.6/22

Left: 76.948+/-13.553 χ^2/NDF: 67.4/47

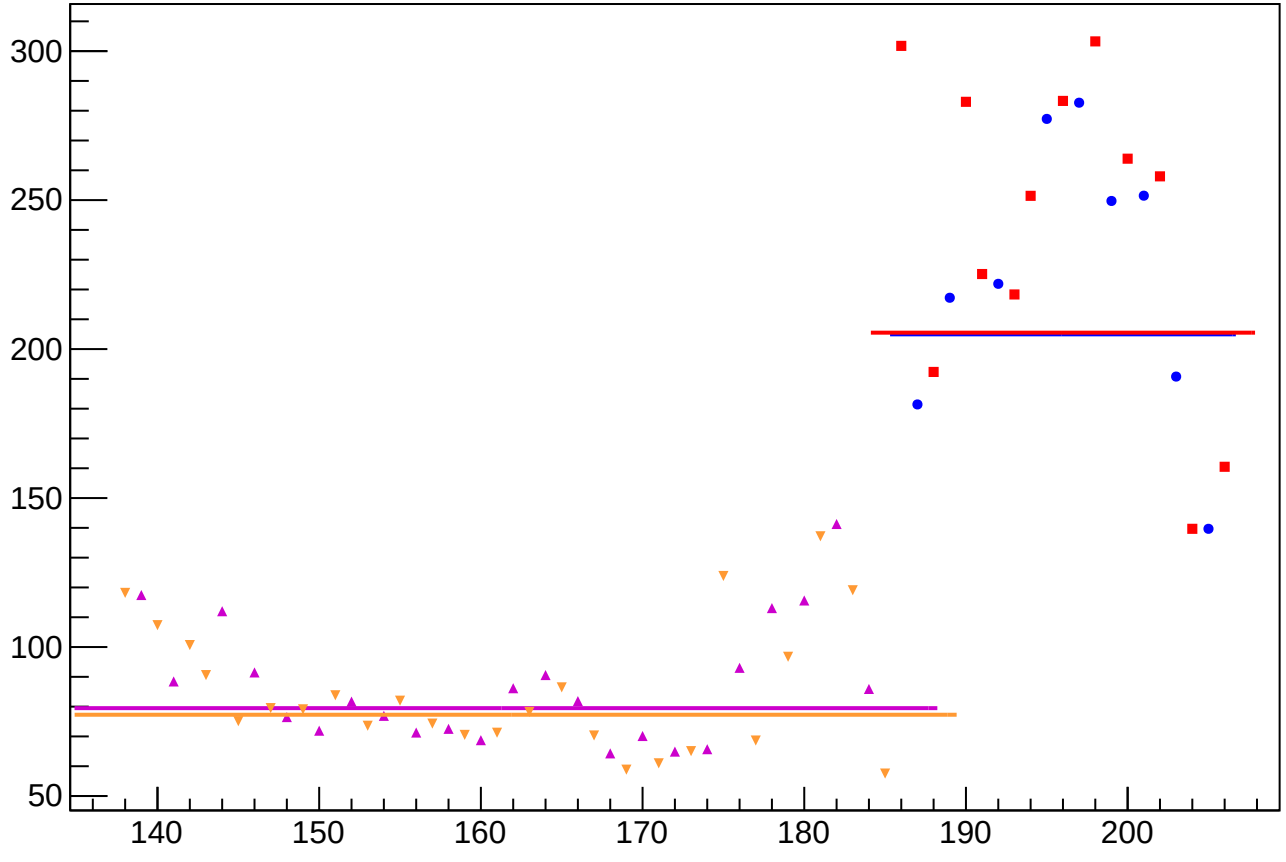
Right: -14.621+/-56.789 χ^2/NDF: 21.0/20

In: 88.025+/-19.167 χ^2/NDF:35.1/31

Out: 57.643+/-18.159 χ^2/NDF:54.4/36

All: 72.014+/-13.182 χ^2/NDF: 90.8/68

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 204.949+/-0.062 χ^2/NDF: 693121.2/8

Left Out: 77.280+/-0.013 χ^2/NDF:1553410.1/24

Right Out: 205.511+/-0.053 χ^2/NDF: 1107494.3/11

Left In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

Left: 78.333+/-0.010 χ^2/NDF: 2900472.8/47

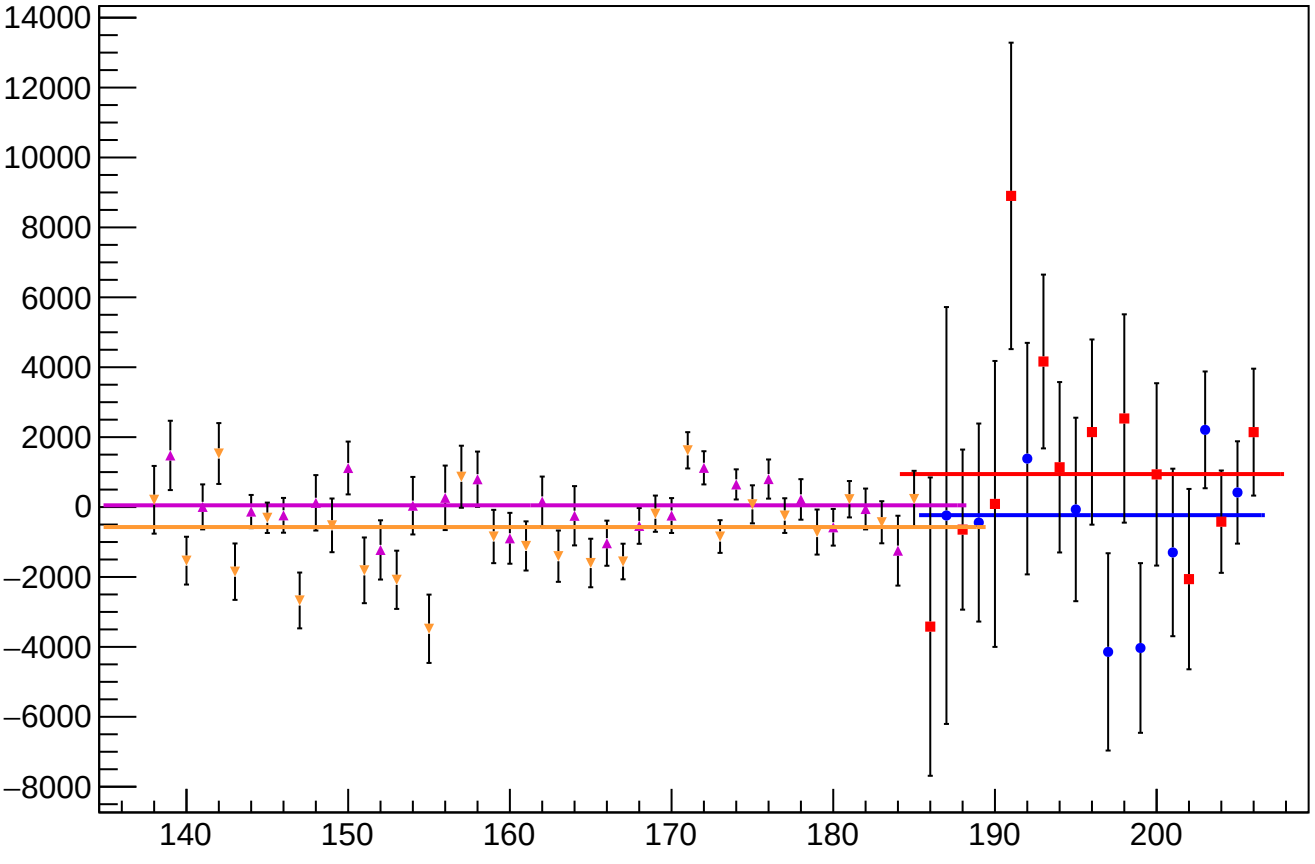
Right: 205.278+/-0.040 χ^2/NDF: 1800662.9/20

In: 85.425+/-0.014 χ^2/NDF:5887431.7/31

Out: 84.948+/-0.013 χ^2/NDF:8268349.5/36

All: 85.173+/-0.009 χ^2/NDF: 14156432.8/68

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -231.408+/-770.667 χ^2/NDF: 7.1/8

Left Out: -571.669+/-128.158 χ^2/NDF:66.8/24

Right Out: 943.943+/-705.309 χ^2/NDF: 9.7/11

Left In: 50.077+/-129.187 χ^2/NDF:26.1/22

Left: -263.282+/-90.983 χ^2/NDF: 104.6/47

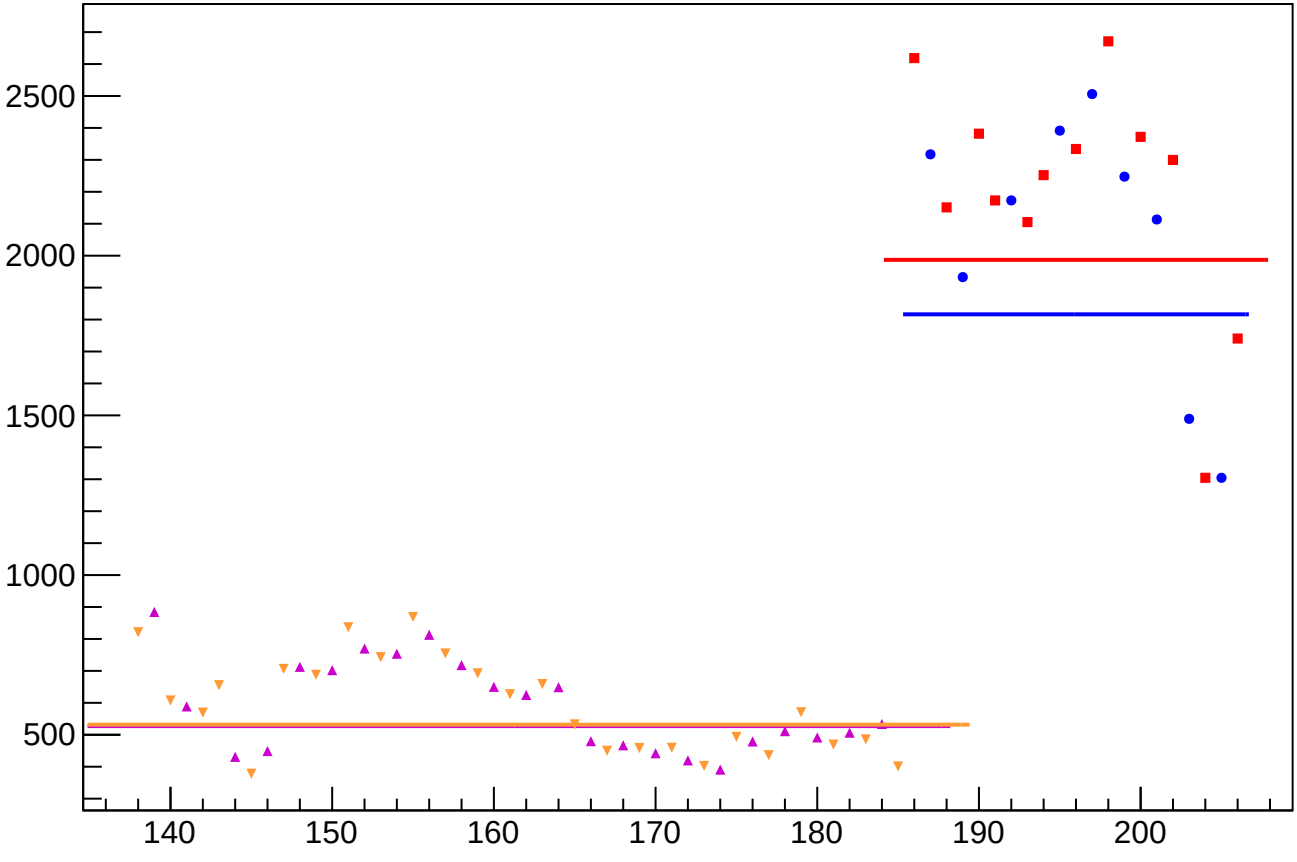
Right: 408.211+/-520.303 χ^2/NDF: 18.1/20

In: 42.383+/-127.409 χ^2/NDF:33.4/31

Out: -523.228+/-126.093 χ^2/NDF:80.9/36

All: -243.358+/-89.623 χ^2/NDF: 124.3/68

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 1816.381+/-0.545 χ^2/NDF: 671294.7/8

Left Out: 531.643+/-0.091 χ^2/NDF:2038304.3/24

Right Out: 1986.952+/-0.499 χ^2/NDF: 788830.8/11

Left In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

Left: 529.430+/-0.064 χ^2/NDF: 3852889.7/47

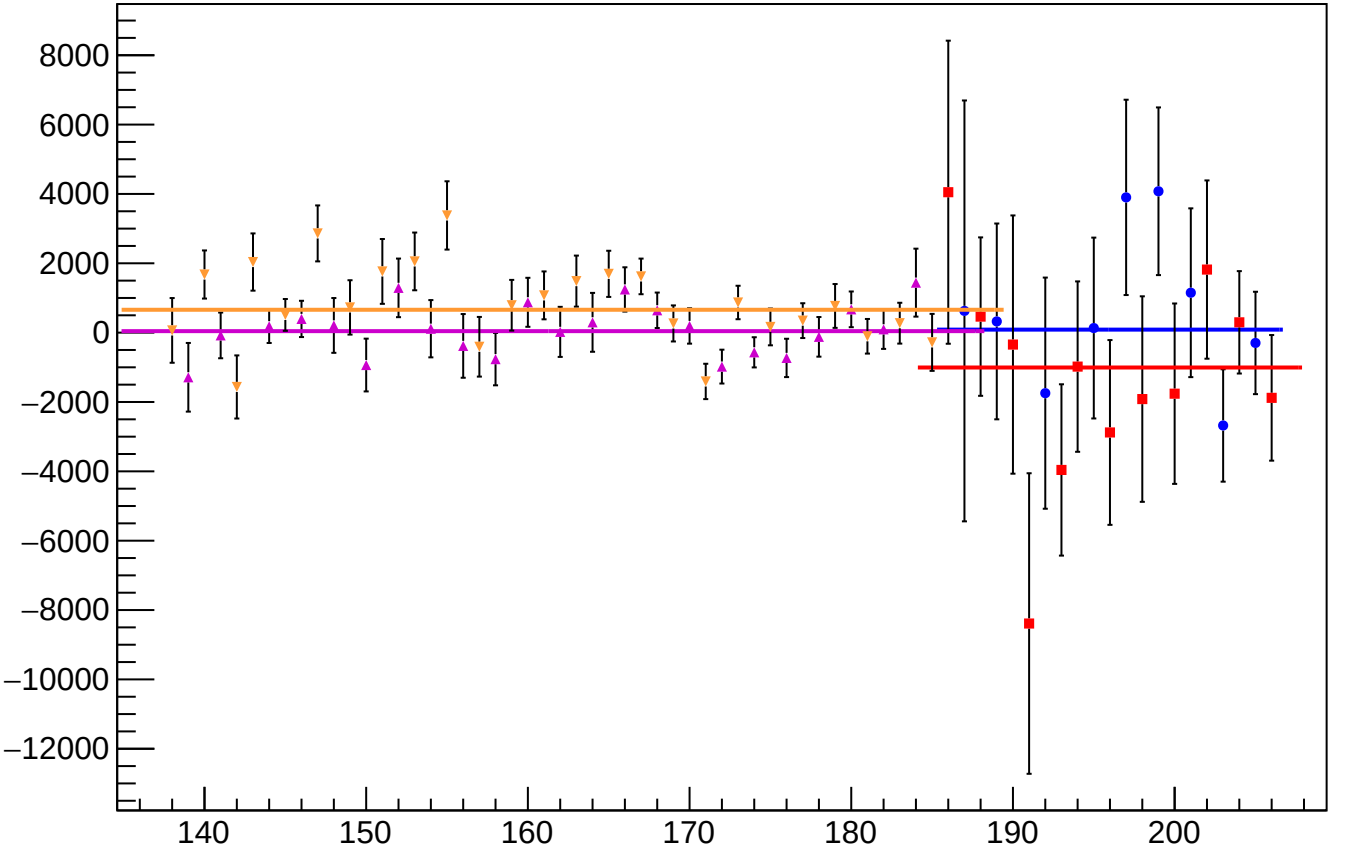
Right: 1909.205+/-0.368 χ^2/NDF: 1513441.3/20

In: 562.418+/-0.090 χ^2/NDF:7928470.7/31

Out: 578.156+/-0.089 χ^2/NDF:11069912.8/36

All: 570.369+/-0.063 χ^2/NDF: 19013799.6/68

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 87.021+/-768.050 χ^2/NDF: 8.0/8

Left Out: 659.523+/-128.164 χ^2/NDF:62.4/24

Right Out: -1005.430+/-704.273 χ^2/NDF: 9.0/11

Left In: 43.183+/-129.538 χ^2/NDF:26.0/22

Left: 354.638+/-91.108 χ^2/NDF: 99.9/47

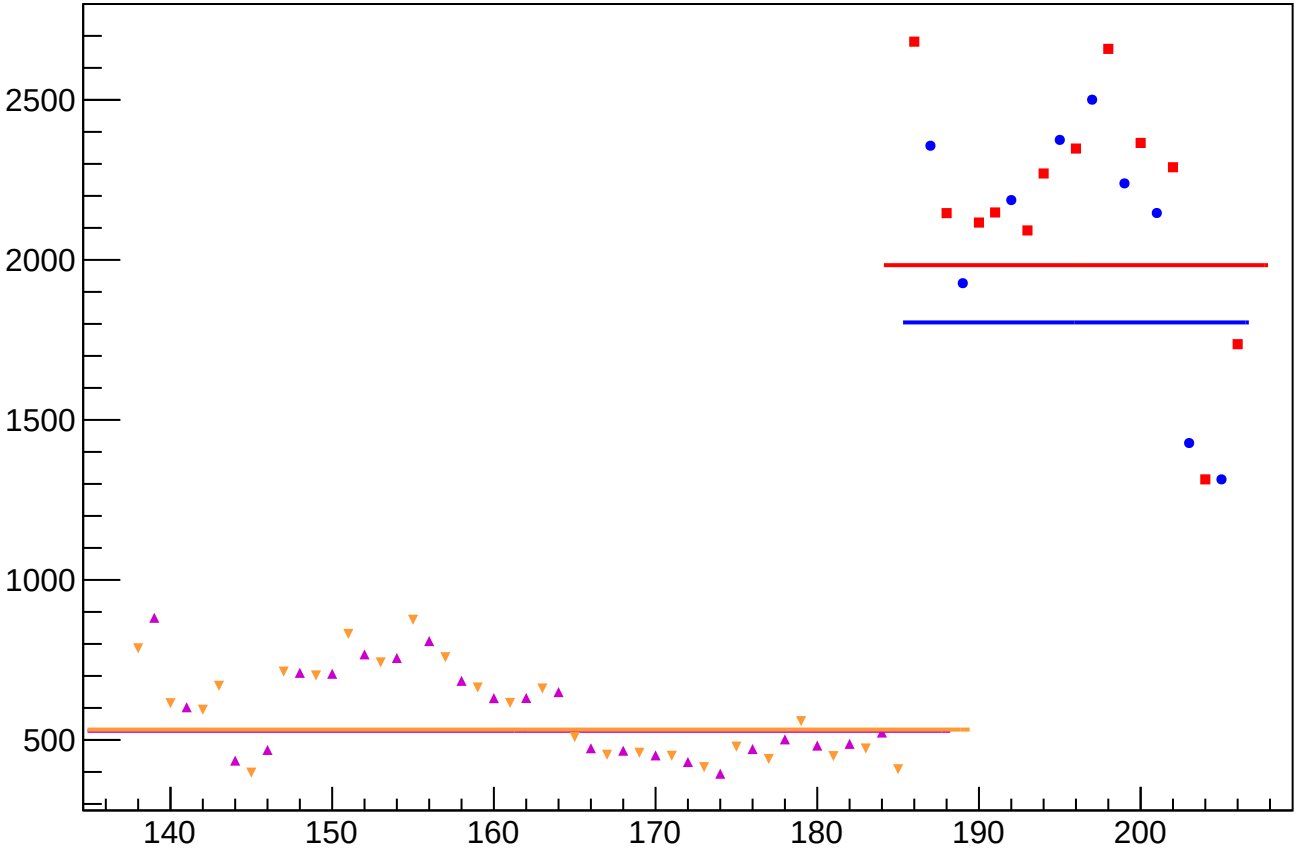
Right: -506.438+/-519.081 χ^2/NDF: 18.1/20

In: 44.395+/-127.734 χ^2/NDF:34.1/31

Out: 606.152+/-126.093 χ^2/NDF:76.8/36

All: 328.904+/-89.736 χ^2/NDF: 120.7/68

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 1804.619+/-0.543 χ^2/NDF: 697352.1/8

Left Out: 532.393+/-0.091 χ^2/NDF:1943066.8/24

Right Out: 1983.571+/-0.498 χ^2/NDF: 758786.7/11

Left In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

Left: 530.449+/-0.064 χ^2/NDF: 3656045.7/47

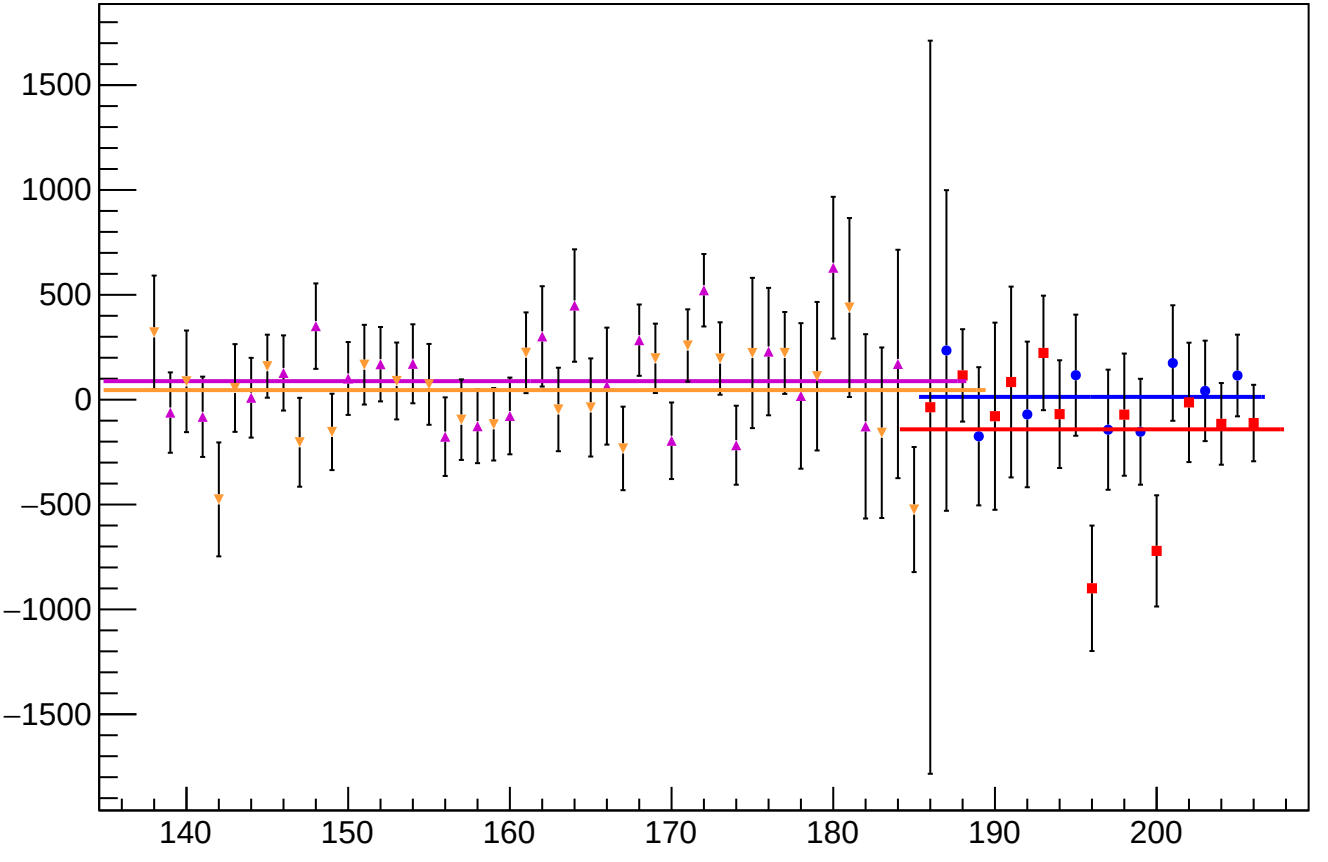
Right: 1901.832+/-0.367 χ^2/NDF: 1515119.9/20

In: 563.761+/-0.090 χ^2/NDF:7778191.9/31

Out: 578.911+/-0.089 χ^2/NDF:10921251.3/36

All: 571.434+/-0.063 χ^2/NDF: 18713691.3/68

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 13.309+/-92.817 χ^2/NDF: 2.0/8

Left Out: 45.675+/-41.779 χ^2/NDF:21.9/24

Right Out: -141.349+/-77.768 χ^2/NDF: 15.0/11

Left In: 88.356+/-43.518 χ^2/NDF:26.4/22

Left: 66.145+/-30.138 χ^2/NDF: 48.8/47

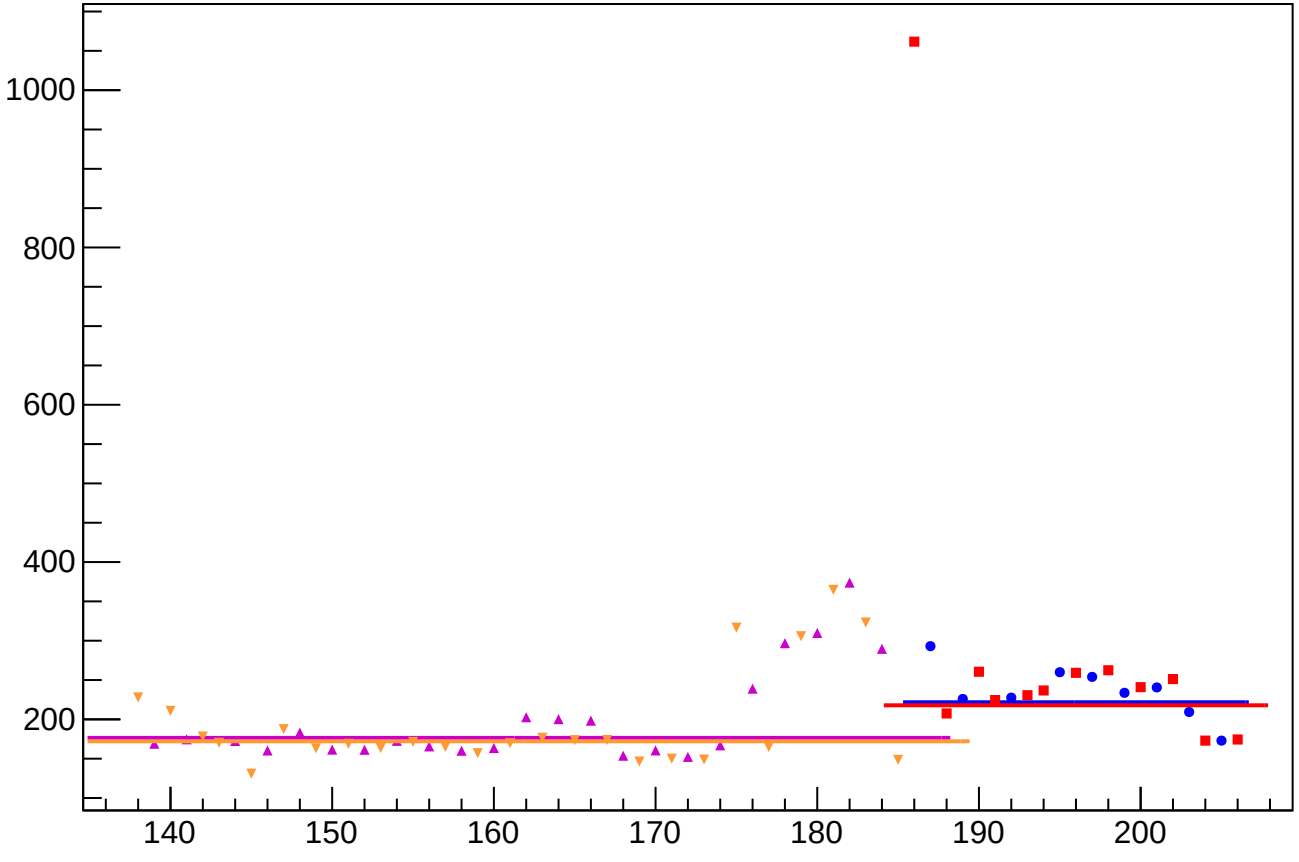
Right: -77.559+/-59.610 χ^2/NDF: 18.6/20

In: 74.831+/-39.402 χ^2/NDF:28.9/31

Out: 3.787+/-36.804 χ^2/NDF:41.4/36

All: 36.890+/-26.896 χ^2/NDF: 72.0/68

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 221.695+/-0.066 χ^2/NDF: 223481.0/8

Left Out: 172.097+/-0.030 χ^2/NDF:1752497.1/24

Right Out: 217.865+/-0.055 χ^2/NDF: 852236.3/11

Left In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

Left: 174.173+/-0.021 χ^2/NDF: 3123399.2/47

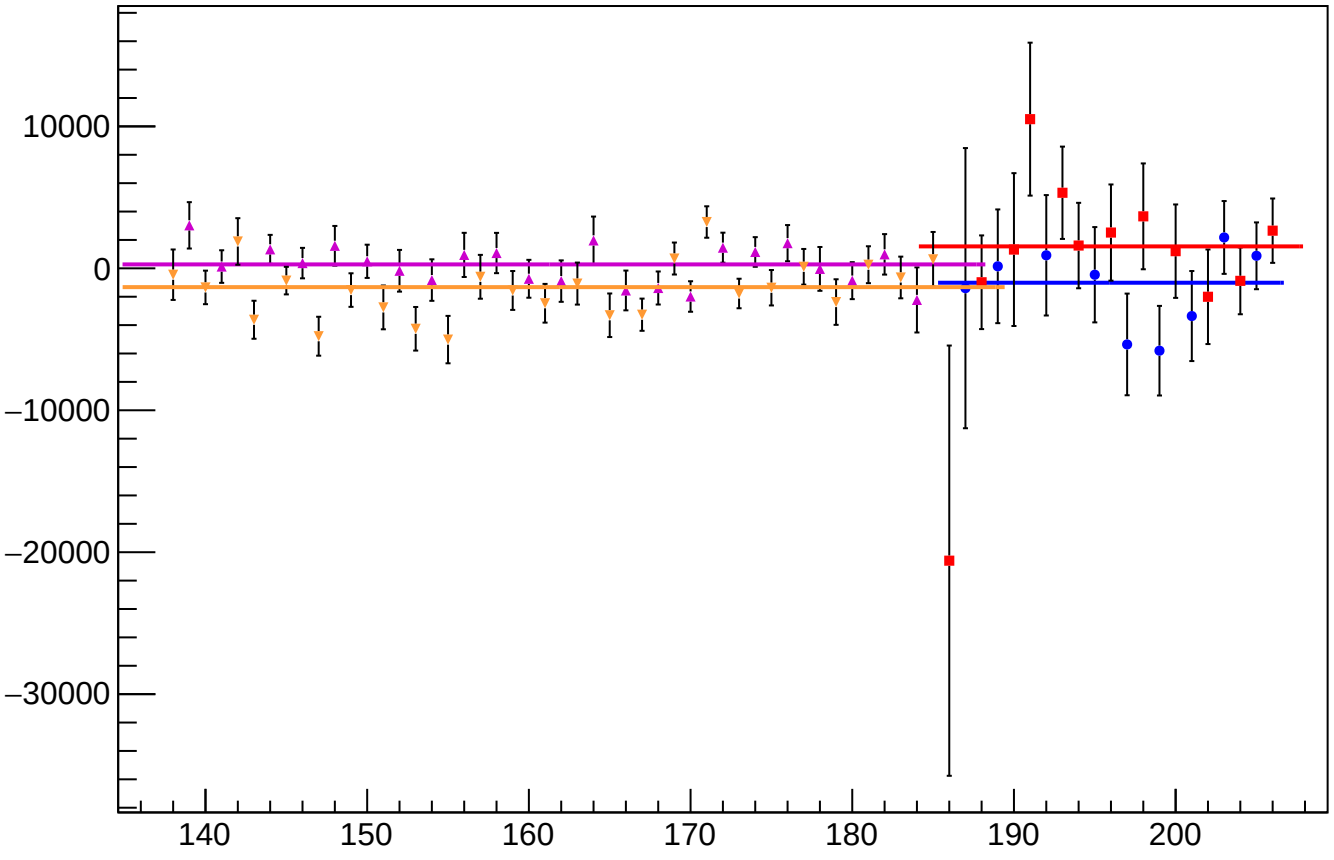
Right: 219.445+/-0.042 χ^2/NDF: 1077717.6/20

In: 184.583+/-0.028 χ^2/NDF:1974115.6/31

Out: 182.348+/-0.026 χ^2/NDF:3142314.6/36

All: 183.389+/-0.019 χ^2/NDF: 5119868.2/68

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -1014.195+/-1099.528 χ^2/NDF: 6.8/8

Left Out: -1324.367+/-265.950 χ^2/NDF:53.6/24

Right Out: 1545.638+/-959.303 χ^2/NDF: 9.7/11

Left In: 276.678+/-270.547 χ^2/NDF:22.0/22

Left: -537.562+/-189.659 χ^2/NDF: 93.5/47

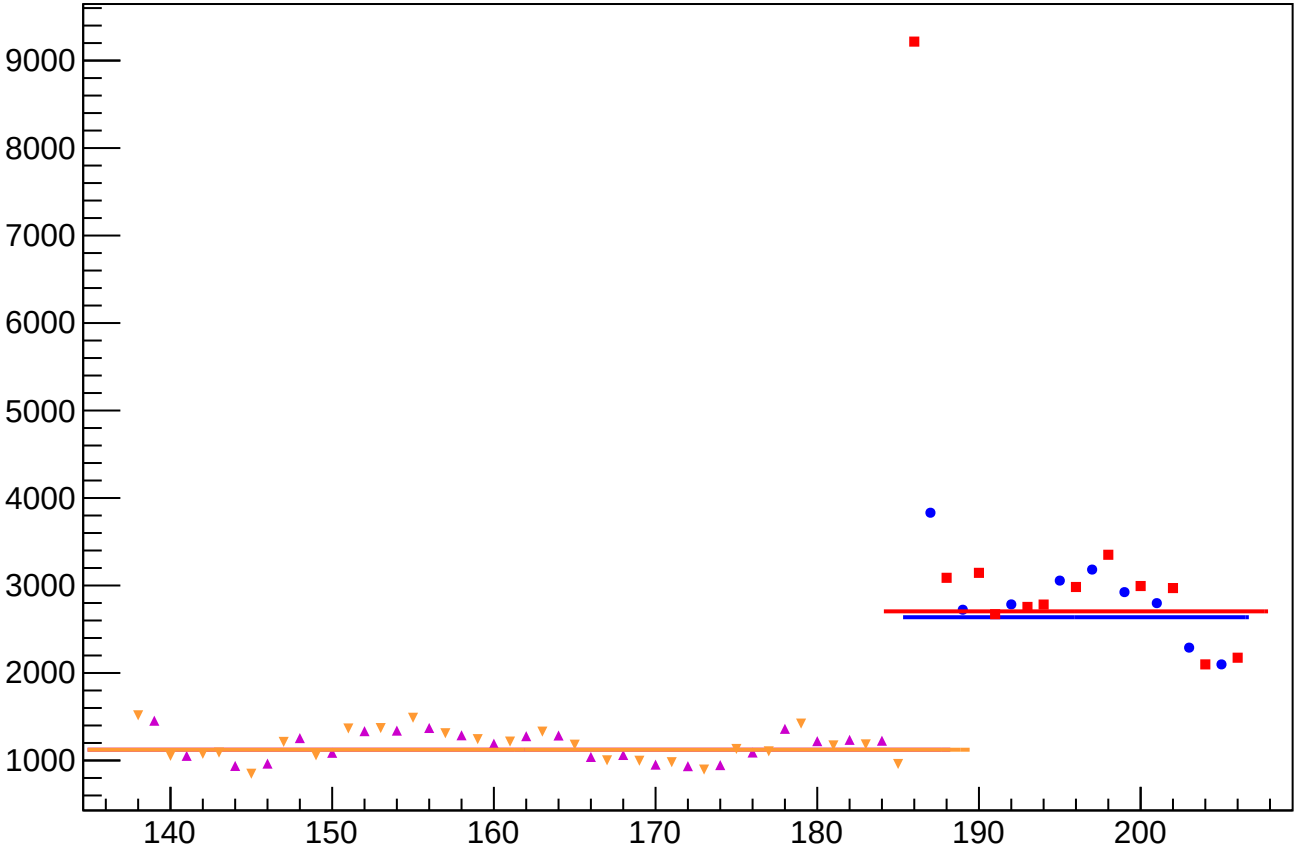
Right: 439.264+/-722.856 χ^2/NDF: 19.6/20

In: 202.985+/-262.711 χ^2/NDF:30.2/31

Out: -1119.528+/-256.283 χ^2/NDF:71.6/36

All: -474.647+/-183.450 χ^2/NDF: 114.8/68

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 2637.358+/-0.777 χ^2/NDF: 273312.7/8

Left Out: 1123.022+/-0.188 χ^2/NDF:842393.5/24

Right Out: 2704.420+/-0.678 χ^2/NDF: 755399.7/11

Left In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

Left: 1123.084+/-0.134 χ^2/NDF: 1532172.1/47

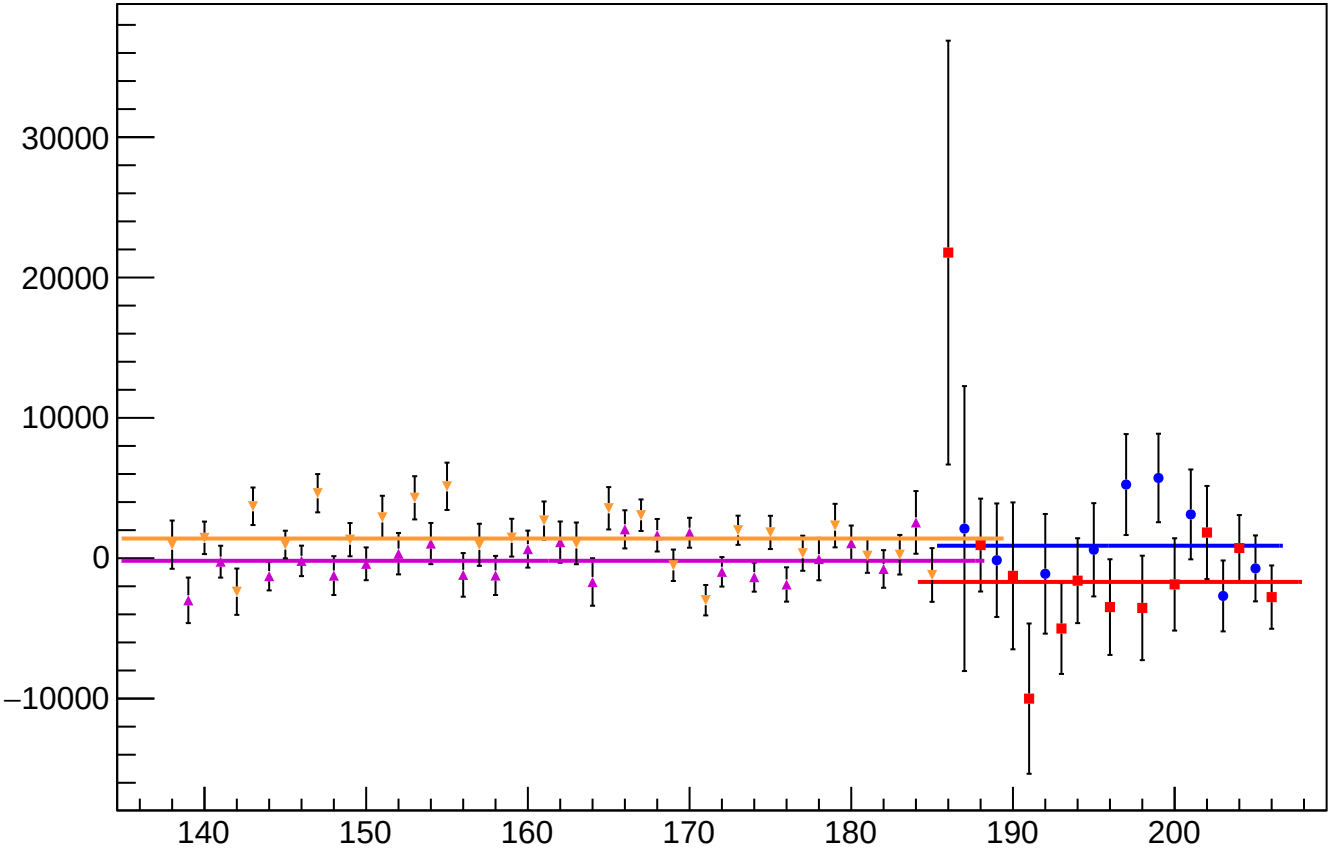
Right: 2675.435+/-0.511 χ^2/NDF: 1032936.7/20

In: 1209.590+/-0.186 χ^2/NDF:4539610.6/31

Out: 1235.890+/-0.181 χ^2/NDF:6644895.1/36

All: 1223.066+/-0.130 χ^2/NDF: 11194775.4/6

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 890.301+/-1097.857 χ^2/NDF: 7.1/8

Left Out: 1404.763+/-262.517 χ^2/NDF:53.1/24

Right Out: -1688.103+/-957.425 χ^2/NDF: 9.5/11

Left In: -183.249+/-267.620 χ^2/NDF:23.7/22

Left: 626.041+/-187.406 χ^2/NDF: 94.8/47

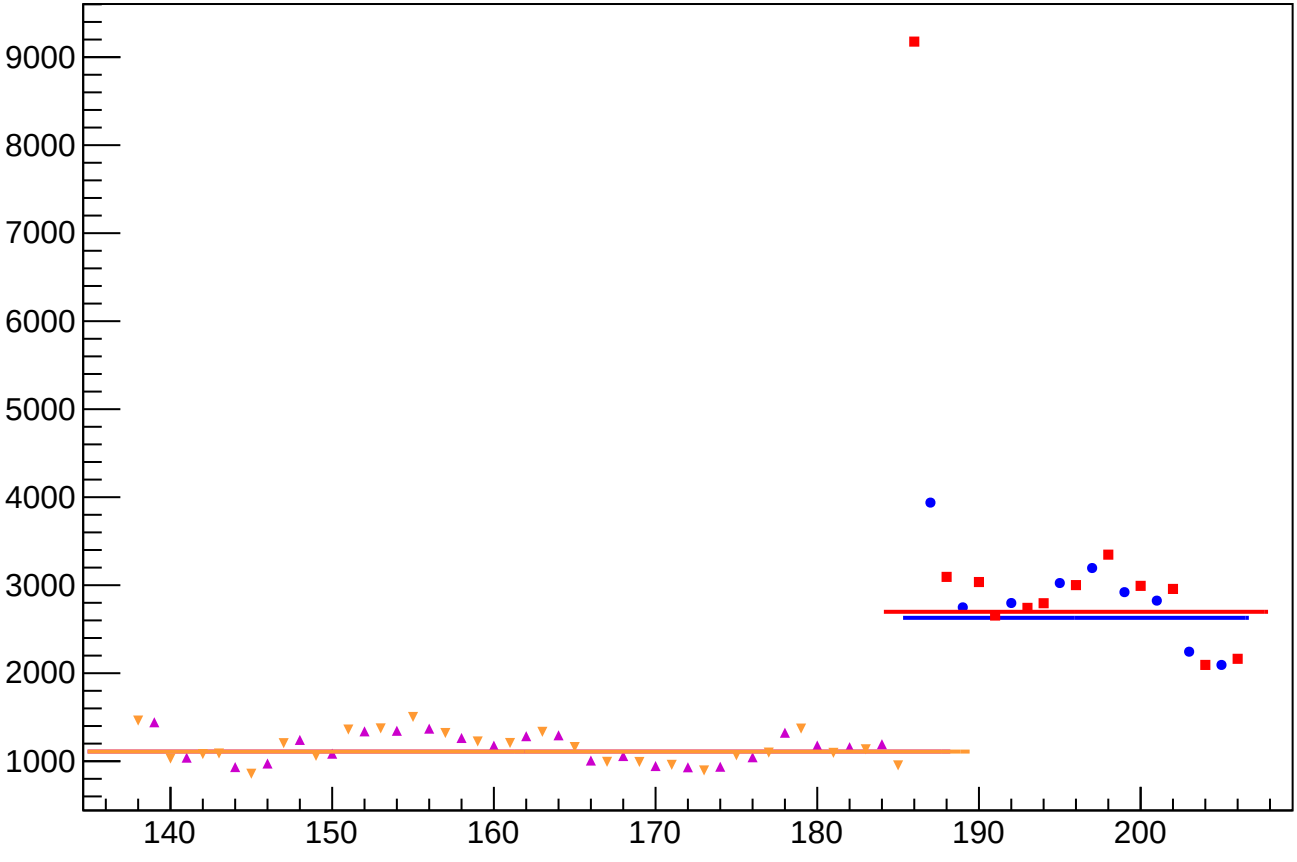
Right: -574.259+/-721.577 χ^2/NDF: 19.7/20

In: -123.035+/-260.007 χ^2/NDF:31.7/31

Out: 1188.498+/-253.173 χ^2/NDF:72.3/36

All: 550.194+/-181.388 χ^2/NDF: 117.0/68

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 2629.299+/-0.776 χ^2/NDF: 290655.0/8

Left Out: 1109.574+/-0.186 χ^2/NDF:812957.8/24

Right Out: 2697.777+/-0.677 χ^2/NDF: 756982.7/11

Left In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

Left: 1109.863+/-0.133 χ^2/NDF: 1486192.0/47

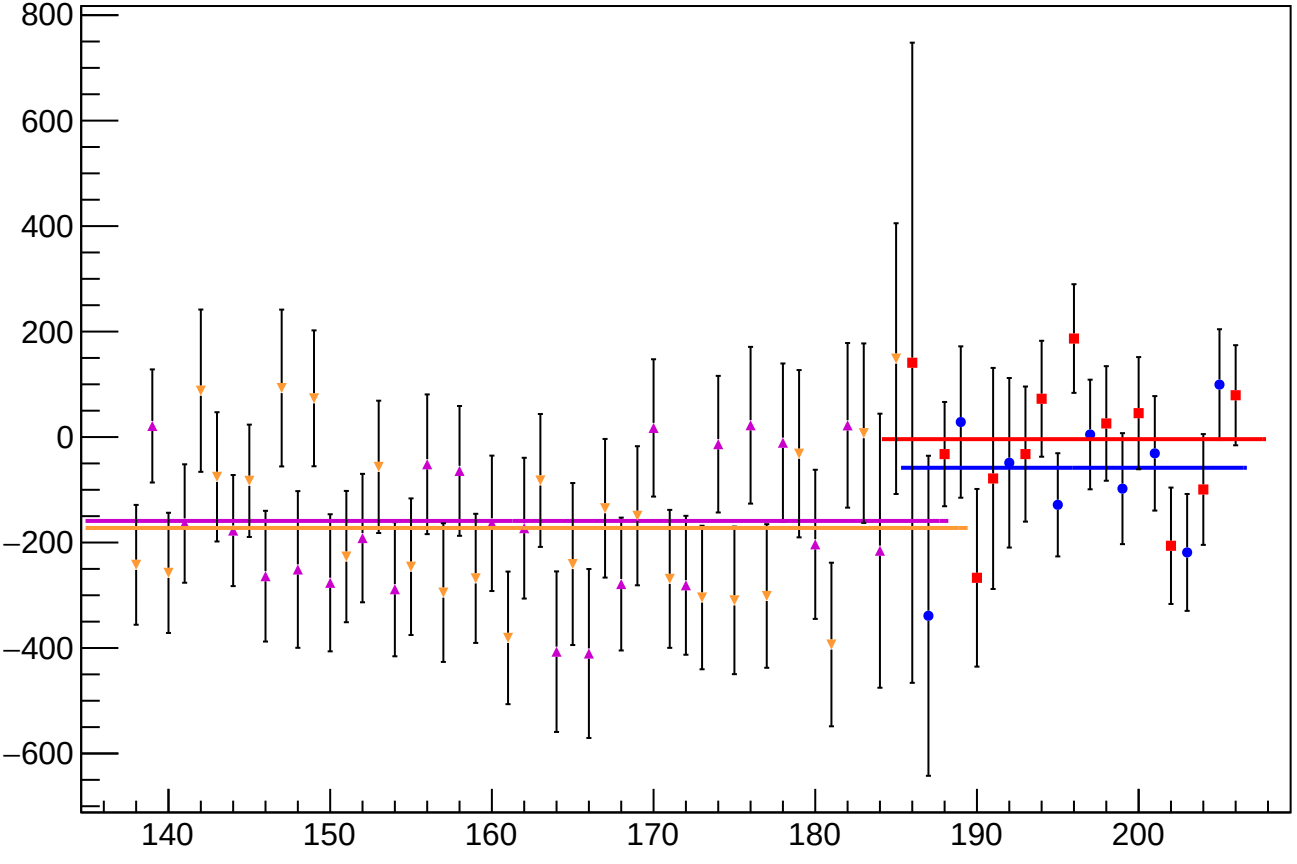
Right: 2668.195+/-0.510 χ^2/NDF: 1052057.5/20

In: 1195.369+/-0.184 χ^2/NDF:4578508.2/31

Out: 1220.628+/-0.179 χ^2/NDF:6688538.2/36

All: 1208.335+/-0.128 χ^2/NDF: 11276735.0/6

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -58.246+/-39.454 χ^2/NDF: 6.7/8

Left Out: -172.357+/-26.709 χ^2/NDF:27.2/24

Right Out: -3.981+/-34.141 χ^2/NDF: 11.9/11

Left In: -159.044+/-27.608 χ^2/NDF:21.1/22

Left: -165.921+/-19.196 χ^2/NDF: 48.4/47

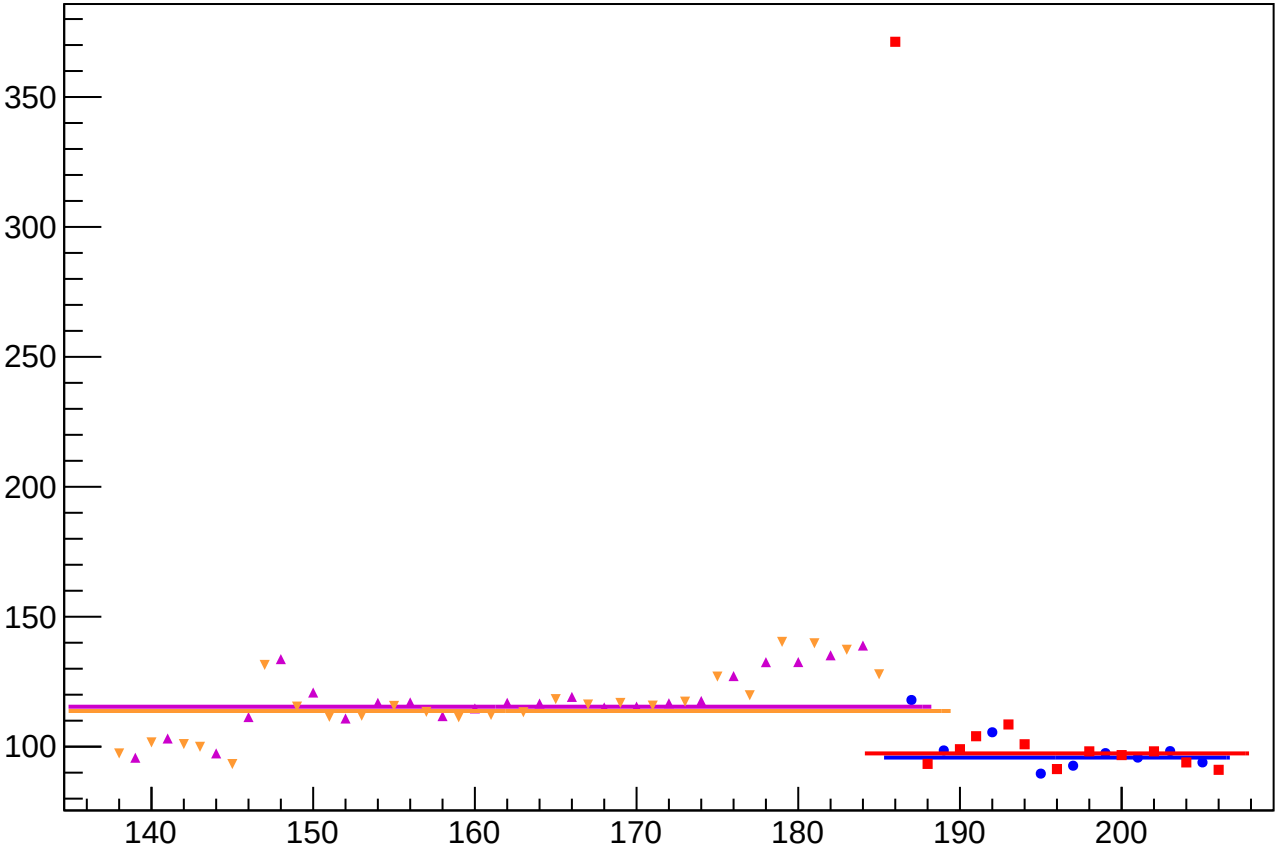
Right: -27.216+/-25.817 χ^2/NDF: 19.7/20

In: -125.912+/-22.620 χ^2/NDF:32.1/31

Out: -108.431+/-21.037 χ^2/NDF:54.2/36

All: -116.538+/-15.405 χ^2/NDF: 86.6/68

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.811+/-0.028 χ^2/NDF: 30686.3/8

Left Out: 113.727+/-0.019 χ^2/NDF:392153.8/24

Right Out: 97.406+/-0.024 χ^2/NDF: 447994.8/11

Left In: 115.377+/-0.020 χ^2/NDF:309034.7/22

Left: 114.525+/-0.014 χ^2/NDF: 704876.2/47

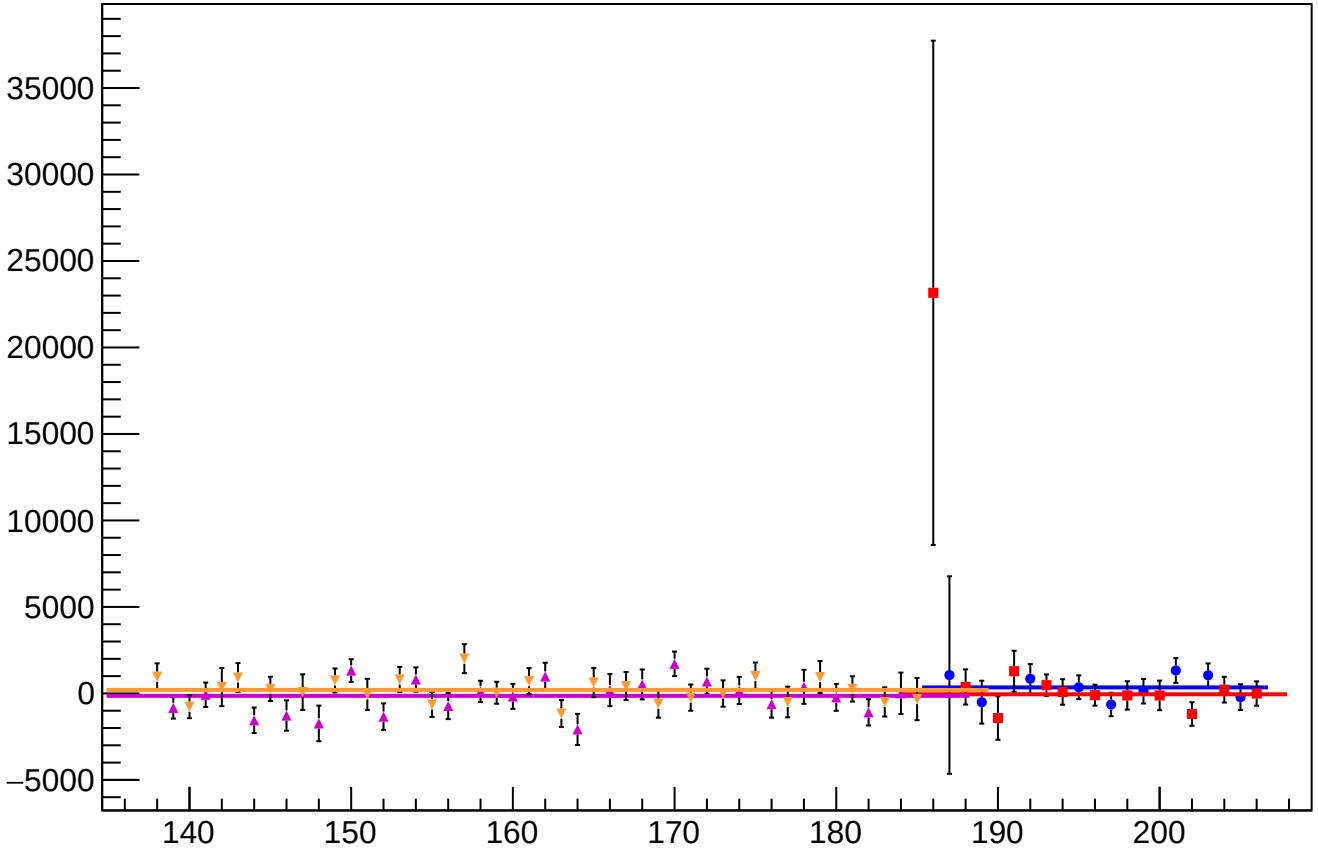
Right: 96.723+/-0.018 χ^2/NDF: 480550.1/20

In: 108.945+/-0.016 χ^2/NDF:669899.5/31

Out: 107.531+/-0.015 χ^2/NDF:1123687.7/36

All: 108.187+/-0.011 χ^2/NDF: 1797782.9/68

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: 346.436+/-264.990 χ^2/NDF: 6.6/8

Left Out: 202.466+/-159.030 χ^2/NDF:19.8/24

Right Out: -50.194+/-233.616 χ^2/NDF: 8.9/11

Left In: -140.039+/-161.024 χ^2/NDF:36.9/22

Left: 33.348+/-113.149 χ^2/NDF: 58.9/47

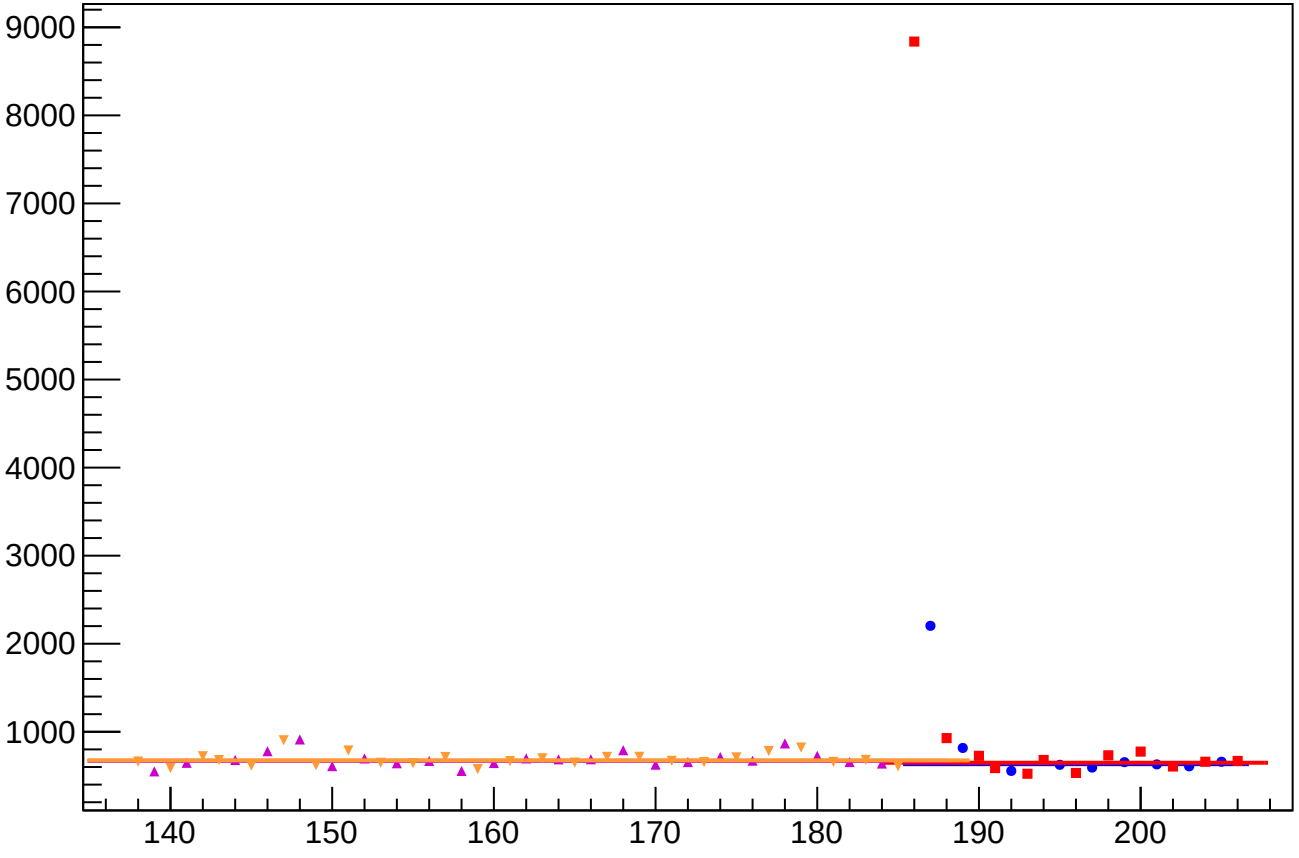
Right: 123.262+/-175.239 χ^2/NDF: 16.7/20

In: -8.849+/-137.610 χ^2/NDF:45.9/31

Out: 122.459+/-131.461 χ^2/NDF:29.4/36

All: 59.804+/-95.056 χ^2/NDF: 75.8/68

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 632.289+/-0.187 χ^2/NDF: 226036.5/8

Left Out: 675.335+/-0.112 χ^2/NDF:358713.6/24

Right Out: 648.578+/-0.165 χ^2/NDF: 1029909.4/11

Left In: 669.938+/-0.114 χ^2/NDF:464085.7/22

Left: 672.670+/-0.080 χ^2/NDF: 823936.7/47

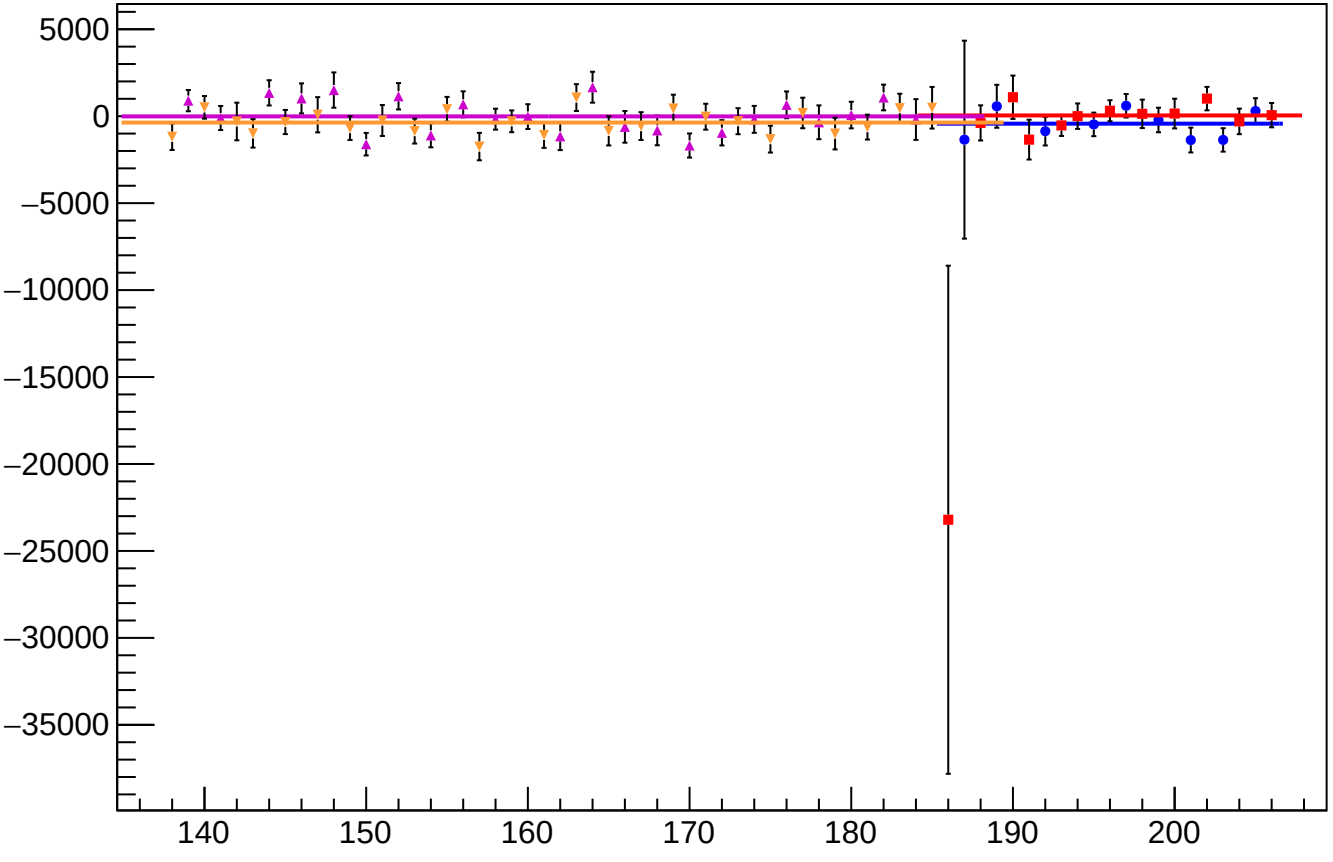
Right: 641.454+/-0.124 χ^2/NDF: 1260198.1/20

In: 659.785+/-0.097 χ^2/NDF:719606.1/31

Out: 666.862+/-0.093 χ^2/NDF:1406550.8/36

All: 663.485+/-0.067 χ^2/NDF: 2128922.7/68

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -429.787+/-261.955 χ^2/NDF: 8.0/8

Left Out: -365.394+/-156.301 χ^2/NDF:18.7/24

Right Out: 42.996+/-231.350 χ^2/NDF: 8.3/11

Left In: -11.243+/-158.497 χ^2/NDF:38.8/22

Left: -190.789+/-111.290 χ^2/NDF: 60.1/47

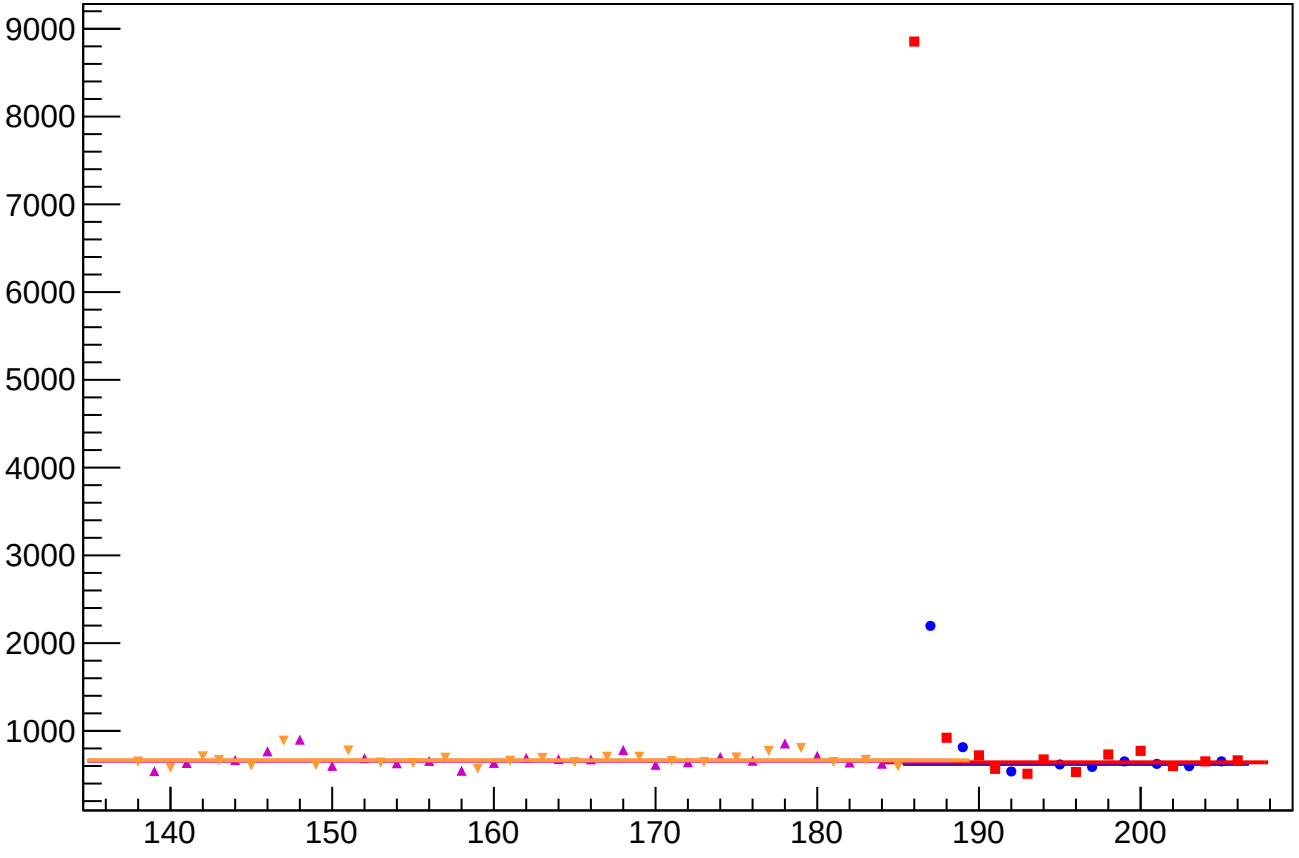
Right: -164.176+/-173.405 χ^2/NDF: 18.2/20

In: -123.406+/-135.607 χ^2/NDF:48.7/31

Out: -237.407+/-129.514 χ^2/NDF:29.2/36

All: -183.025+/-93.660 χ^2/NDF: 78.3/68

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 624.579+/-0.185 χ^2/NDF: 236670.5/8

Left Out: 664.618+/-0.111 χ^2/NDF:356964.3/24

Right Out: 641.771+/-0.164 χ^2/NDF: 1046670.7/11

Left In: 659.230+/-0.112 χ^2/NDF:472744.9/22

Left: 661.962+/-0.079 χ^2/NDF: 830881.0/47

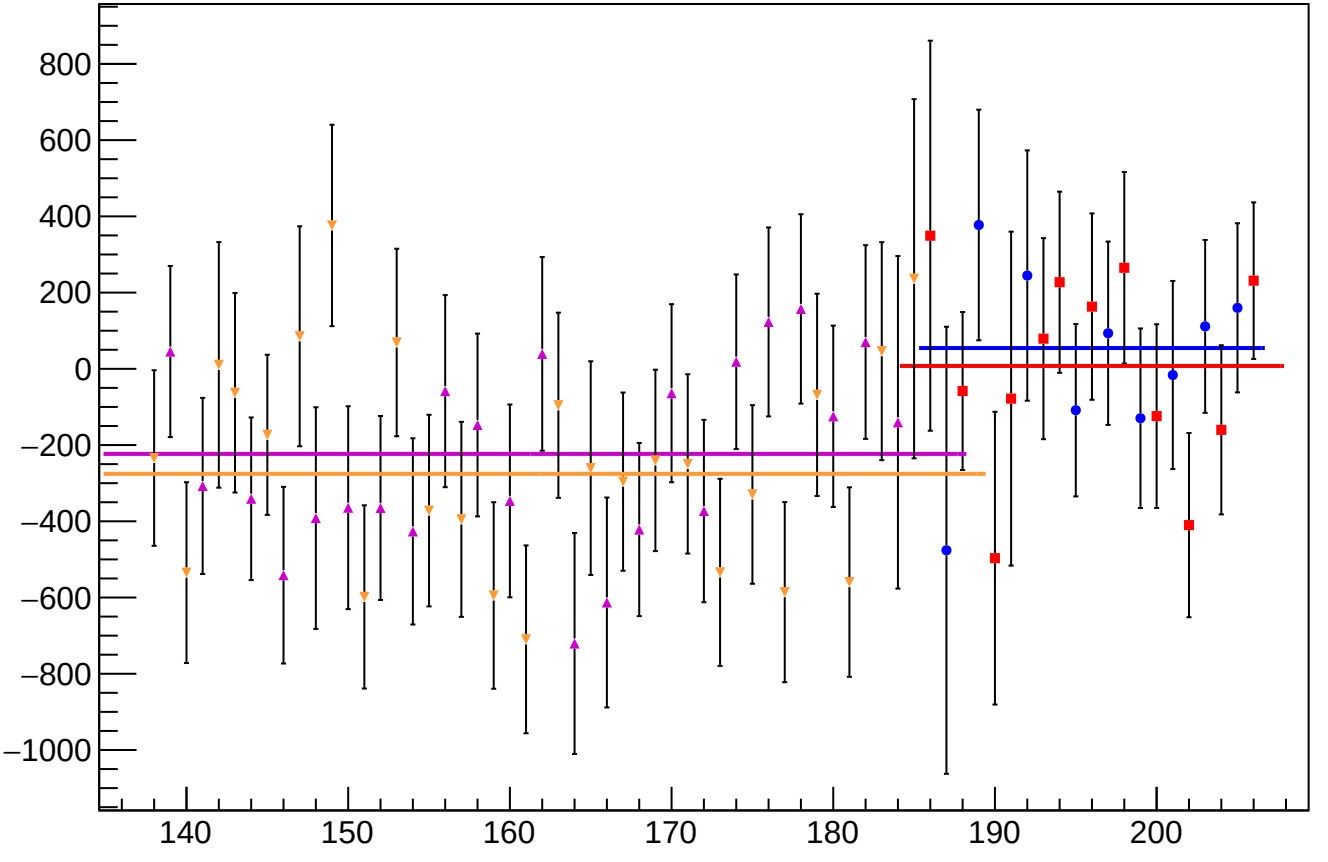
Right: 634.238+/-0.123 χ^2/NDF: 1288181.0/20

In: 649.944+/-0.096 χ^2/NDF:735032.2/31

Out: 657.458+/-0.092 χ^2/NDF:1417027.1/36

All: 653.874+/-0.066 χ^2/NDF: 2155270.6/68

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 54.549+/-86.335 χ^2/NDF: 3.8/8

Left Out: -275.447+/-50.539 χ^2/NDF:27.3/24

Right Out: 7.545+/-74.101 χ^2/NDF: 9.7/11

Left In: -223.195+/-51.742 χ^2/NDF:20.8/22

Left: -249.935+/-36.154 χ^2/NDF: 48.6/47

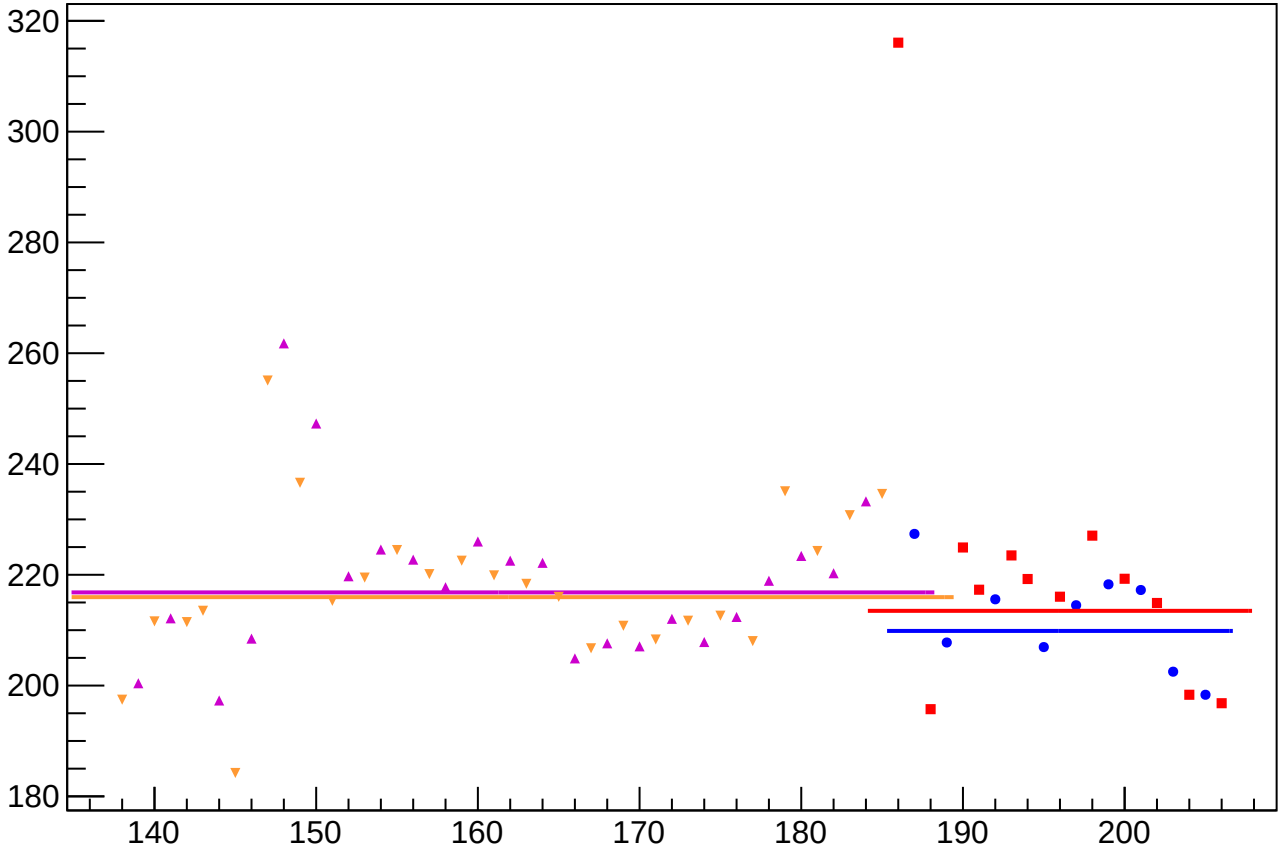
Right: 27.483+/-56.229 χ^2/NDF: 13.7/20

In: -149.798+/-44.381 χ^2/NDF:32.2/31

Out: -185.601+/-41.753 χ^2/NDF:47.0/36

All: -168.791+/-30.411 χ^2/NDF: 79.6/68

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 209.864+/-0.061 χ^2/NDF: 15405.6/8

Left Out: 215.963+/-0.036 χ^2/NDF:144735.1/24

Right Out: 213.491+/-0.052 χ^2/NDF: 130809.4/11

Left In: 216.821+/-0.037 χ^2/NDF:132518.8/22

Left: 216.382+/-0.026 χ^2/NDF: 277535.4/47

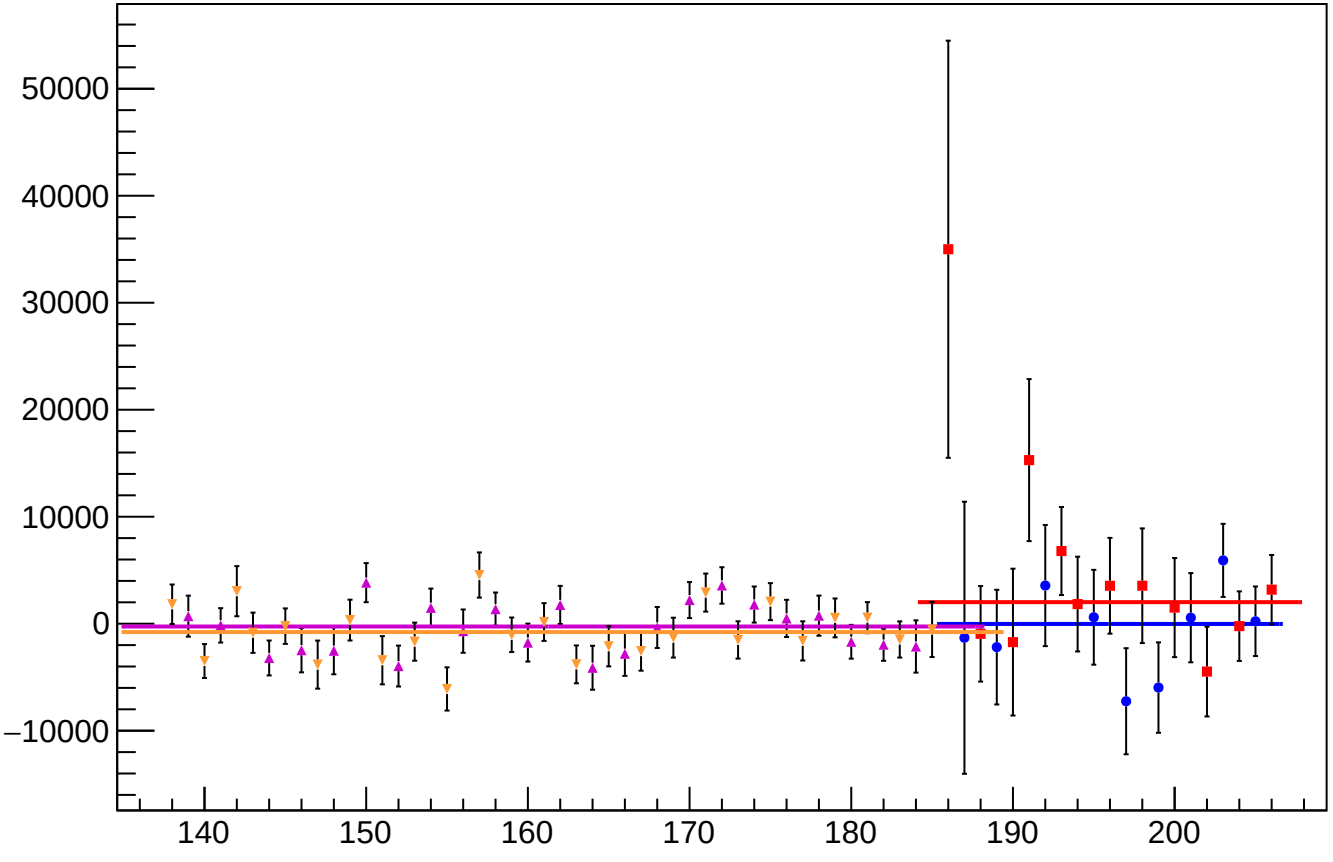
Right: 211.952+/-0.040 χ^2/NDF: 148246.6/20

In: 214.983+/-0.031 χ^2/NDF:157478.8/31

Out: 215.178+/-0.030 χ^2/NDF:277064.4/36

All: 215.086+/-0.022 χ^2/NDF: 434563.7/68

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -22.467+/-1478.262 χ^2/NDF: 7.7/8

Left Out: -779.146+/-366.965 χ^2/NDF:38.5/24

Right Out: 2016.399+/-1313.490 χ^2/NDF: 11.2/11

Left In: -261.815+/-376.203 χ^2/NDF:35.4/22

Left: -526.910+/-262.688 χ^2/NDF: 74.9/47

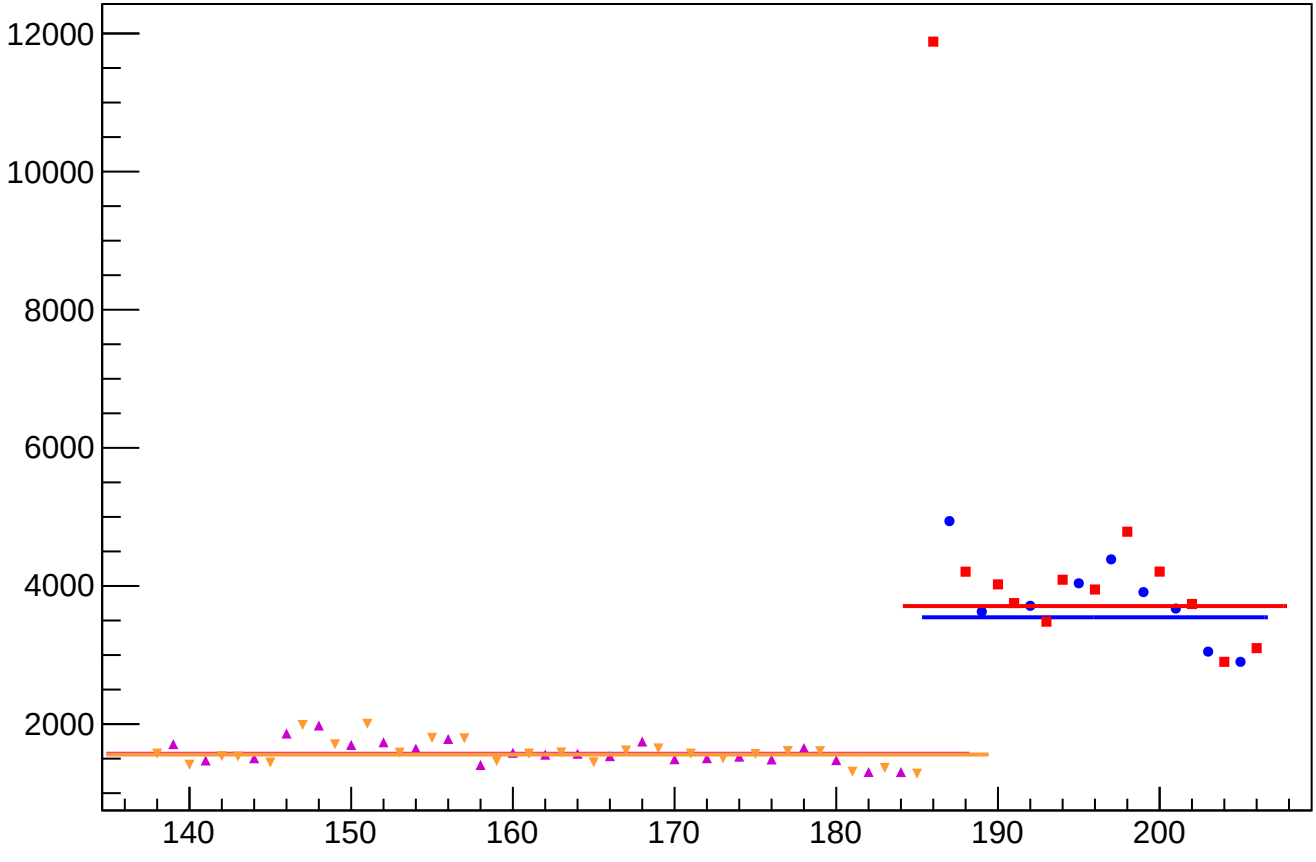
Right: 1116.884+/-981.886 χ^2/NDF: 20.0/20

In: -247.256+/-364.582 χ^2/NDF:43.2/31

Out: -576.741+/-353.431 χ^2/NDF:53.9/36

All: -417.114+/-253.764 χ^2/NDF: 97.5/68

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 3546.542+/-1.045 χ^2/NDF: 245846.9/8

Left Out: 1559.504+/-0.259 χ^2/NDF:379160.1/24

Right Out: 3709.105+/-0.929 χ^2/NDF: 705348.9/11

Left In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

Left: 1564.783+/-0.186 χ^2/NDF: 709443.3/47

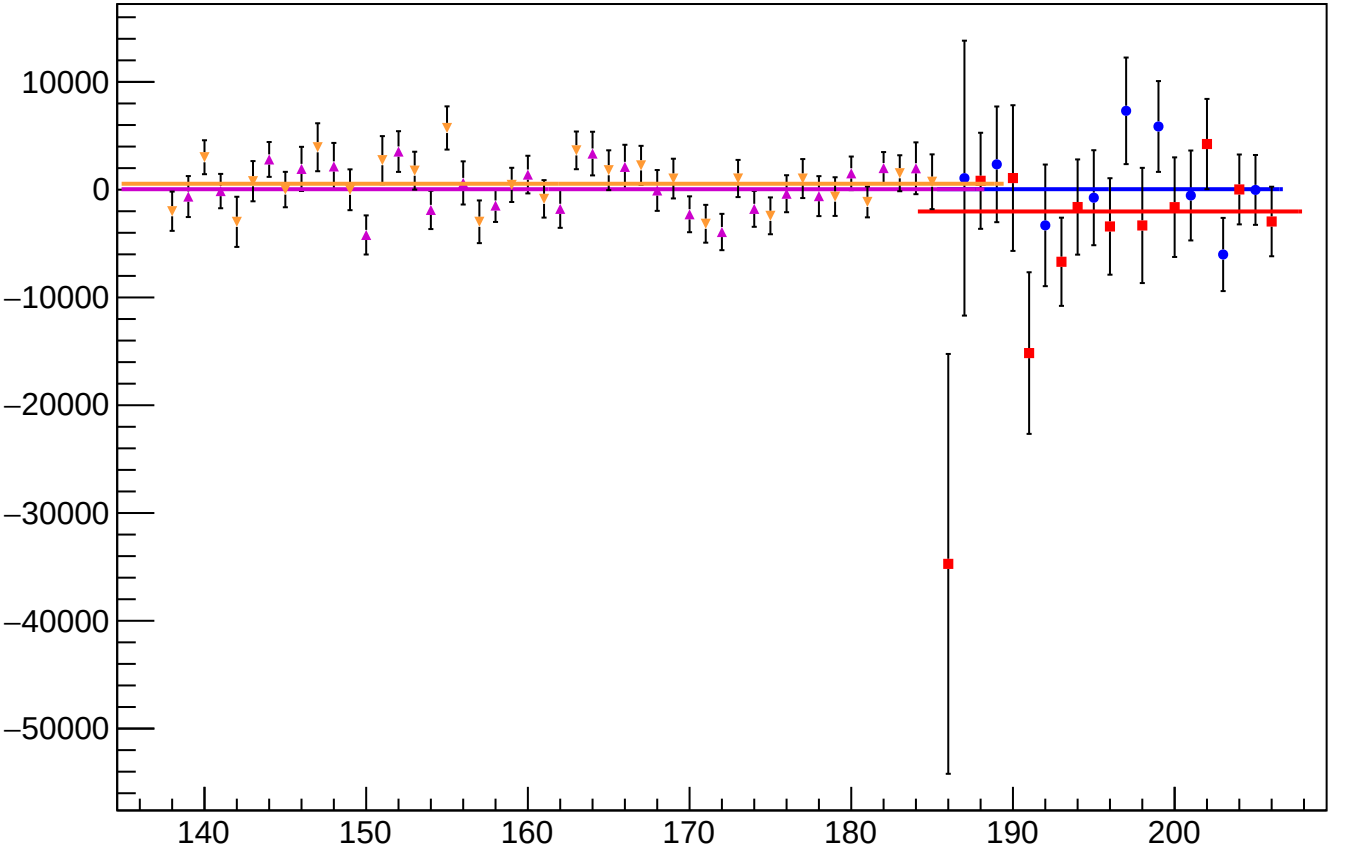
Right: 3637.385+/-0.694 χ^2/NDF: 964711.6/20

In: 1690.535+/-0.258 χ^2/NDF:3932195.6/31

Out: 1715.141+/-0.250 χ^2/NDF:6053309.7/36

All: 1703.220+/-0.179 χ^2/NDF: 9990202.0/68

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 45.502+/-1473.802 χ^2/NDF: 7.9/8

Left Out: 550.093+/-362.172 χ^2/NDF:35.6/24

Right Out: -2021.478+/-1308.890 χ^2/NDF: 10.7/11

Left In: 43.949+/-371.765 χ^2/NDF:33.5/22

Left: 303.636+/-259.420 χ^2/NDF: 70.0/47

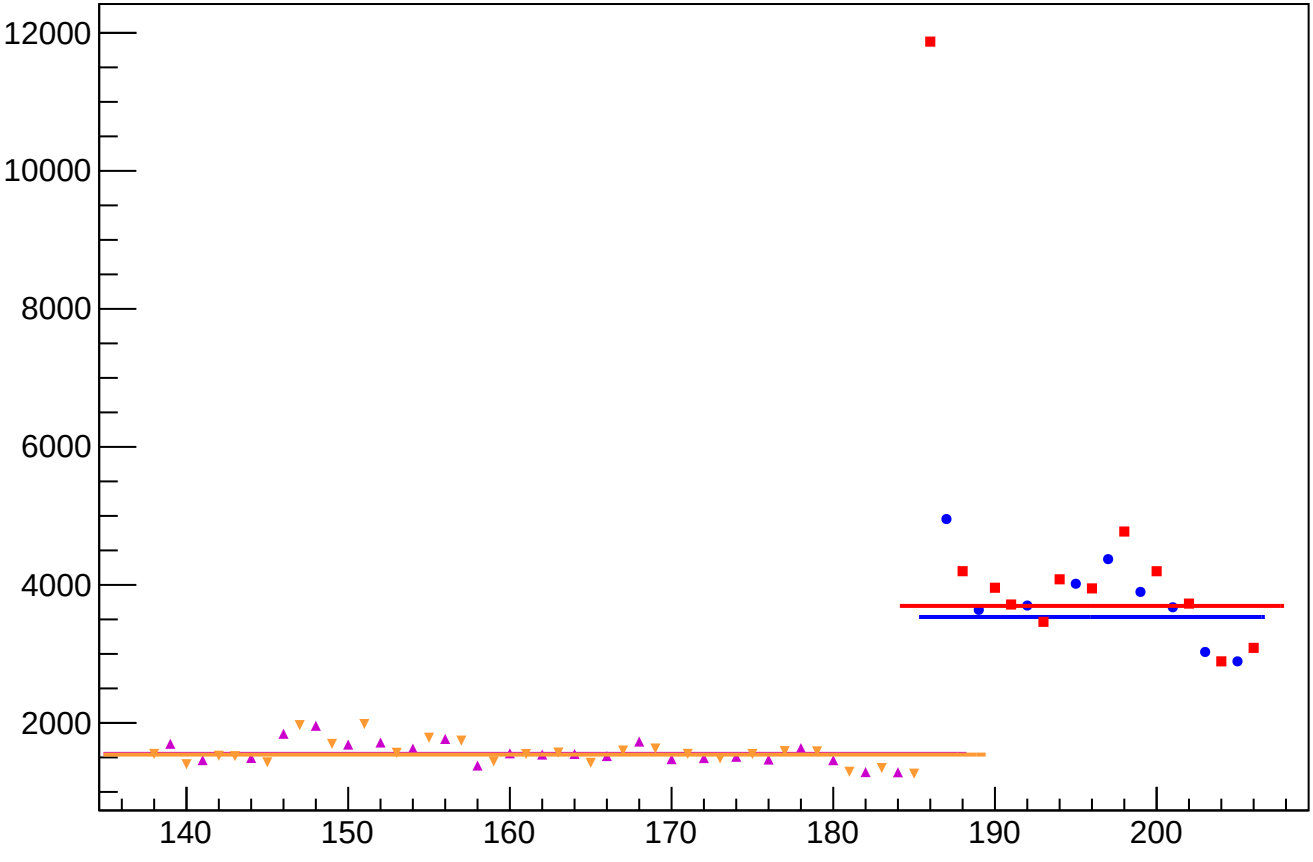
Right: -1110.056+/-978.658 χ^2/NDF: 19.6/20

In: 44.042+/-360.474 χ^2/NDF:41.4/31

Out: 367.206+/-349.056 χ^2/NDF:49.8/36

All: 210.823+/-250.759 χ^2/NDF: 91.6/68

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 3535.232+/-1.042 χ^2/NDF: 249096.2/8

Left Out: 1541.149+/-0.256 χ^2/NDF:382077.8/24

Right Out: 3695.614+/-0.926 χ^2/NDF: 708157.9/11

Left In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

Left: 1546.180+/-0.183 χ^2/NDF: 721873.3/47

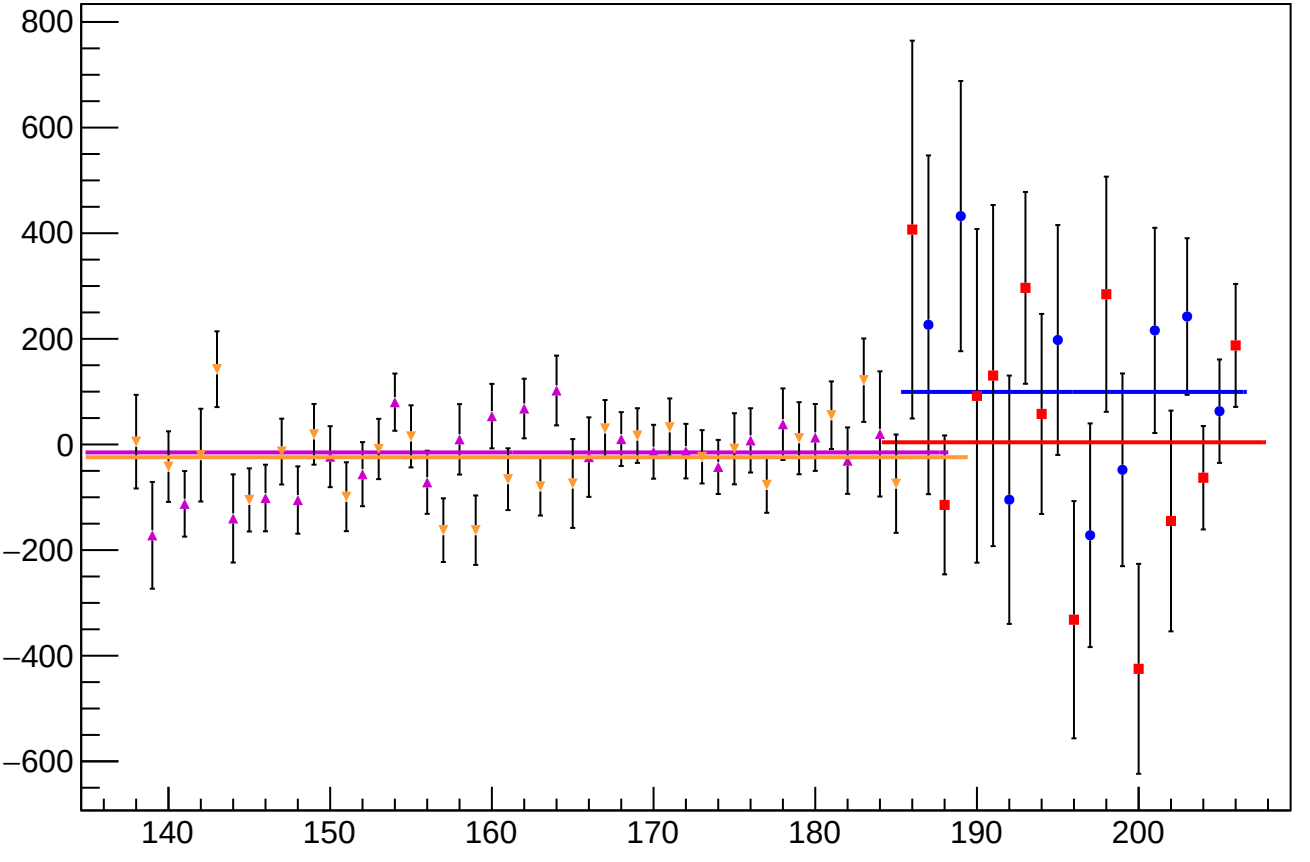
Right: 3624.894+/-0.692 χ^2/NDF: 970494.9/20

In: 1670.155+/-0.255 χ^2/NDF:3994815.6/31

Out: 1694.371+/-0.247 χ^2/NDF:6123650.8/36

All: 1682.653+/-0.177 χ^2/NDF: 10123124.6/6

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 99.479+/-58.438 χ^2/NDF: 6.5/8

Left Out: -24.126+/-12.525 χ^2/NDF:30.7/24

Right Out: 4.130+/-49.403 χ^2/NDF: 16.9/11

Left In: -15.058+/-12.921 χ^2/NDF:23.8/22

Left: -19.733+/-8.993 χ^2/NDF: 54.8/47

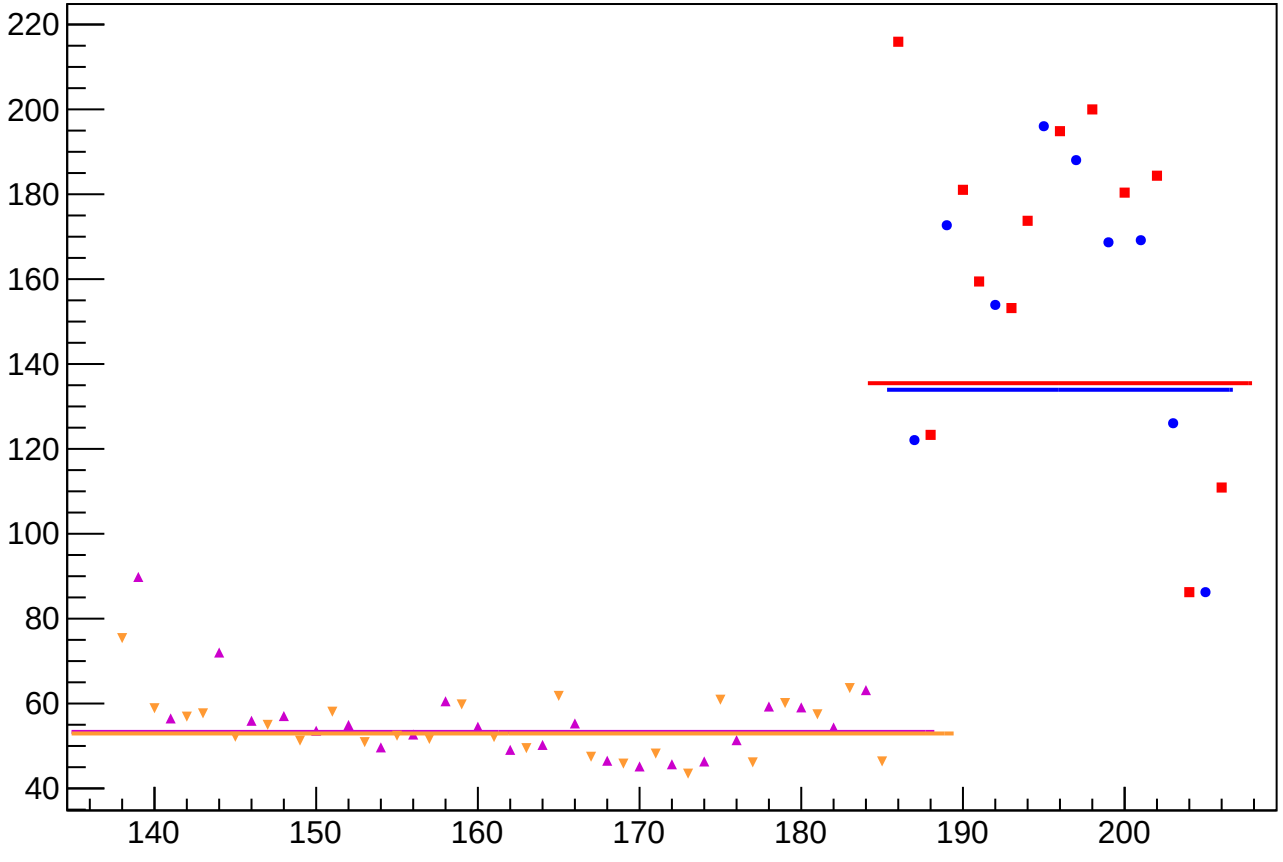
Right: 43.871+/-37.728 χ^2/NDF: 25.0/20

In: -9.720+/-12.616 χ^2/NDF:34.0/31

Out: -22.420+/-12.141 χ^2/NDF:47.9/36

All: -16.314+/-8.748 χ^2/NDF: 82.5/68

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 133.931+/-0.041 χ^2/NDF: 974990.5/8

Left Out: 52.942+/-0.009 χ^2/NDF:513146.0/24

Right Out: 135.480+/-0.035 χ^2/NDF: 1385850.0/11

Left In: 53.312+/-0.009 χ^2/NDF:644220.1/22

Left: 53.121+/-0.006 χ^2/NDF: 1158211.4/47

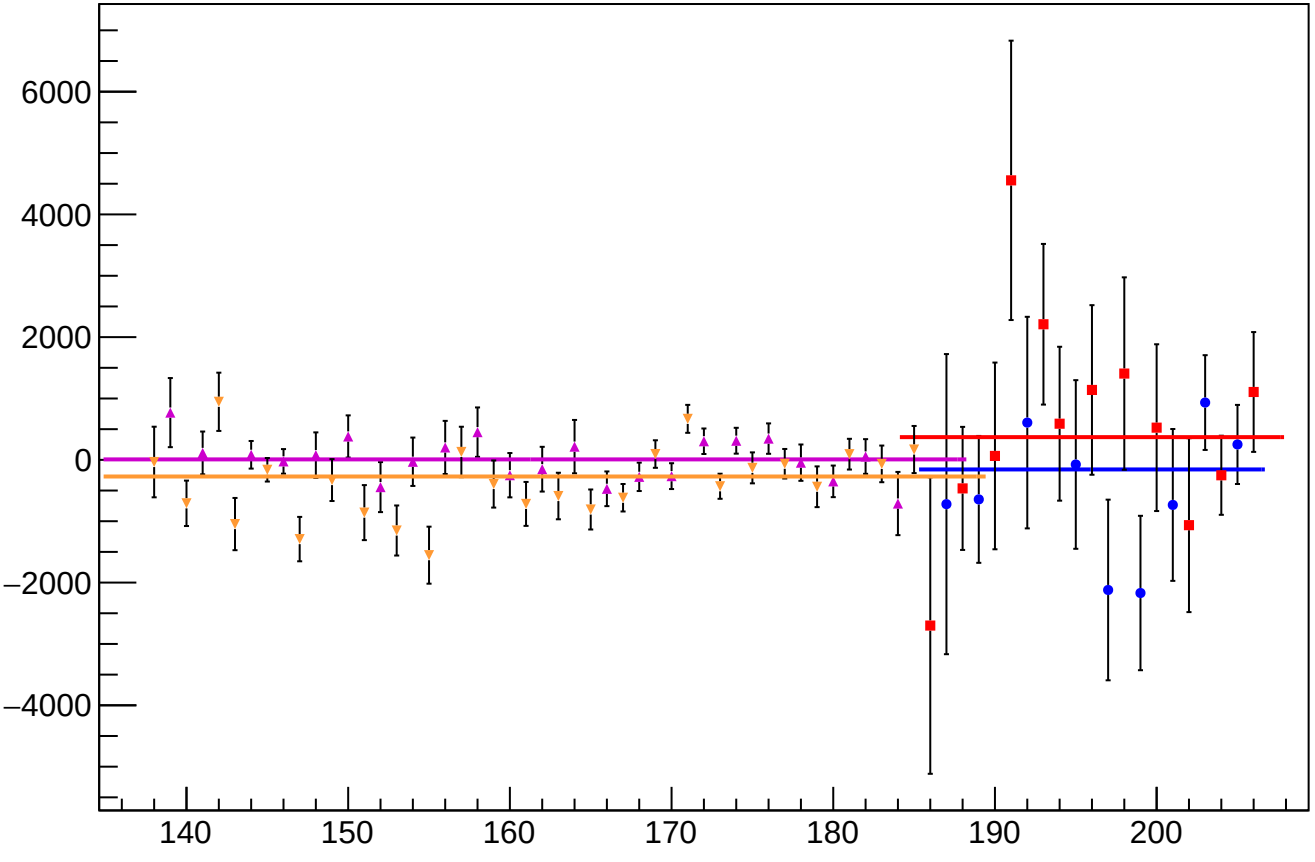
Right: 134.834+/-0.027 χ^2/NDF: 2361660.0/20

In: 57.070+/-0.009 χ^2/NDF:5248170.4/31

Out: 57.927+/-0.009 χ^2/NDF:7144362.5/36

All: 57.515+/-0.006 χ^2/NDF: 12397324.3/68

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -156.188+/-358.081 χ^2/NDF: 7.4/8

Left Out: -271.240+/-60.285 χ^2/NDF:67.7/24

Right Out: 370.341+/-344.292 χ^2/NDF: 11.0/11

Left In: 7.535+/-60.328 χ^2/NDF:22.9/22

Left: -131.952+/-42.643 χ^2/NDF: 101.2/47

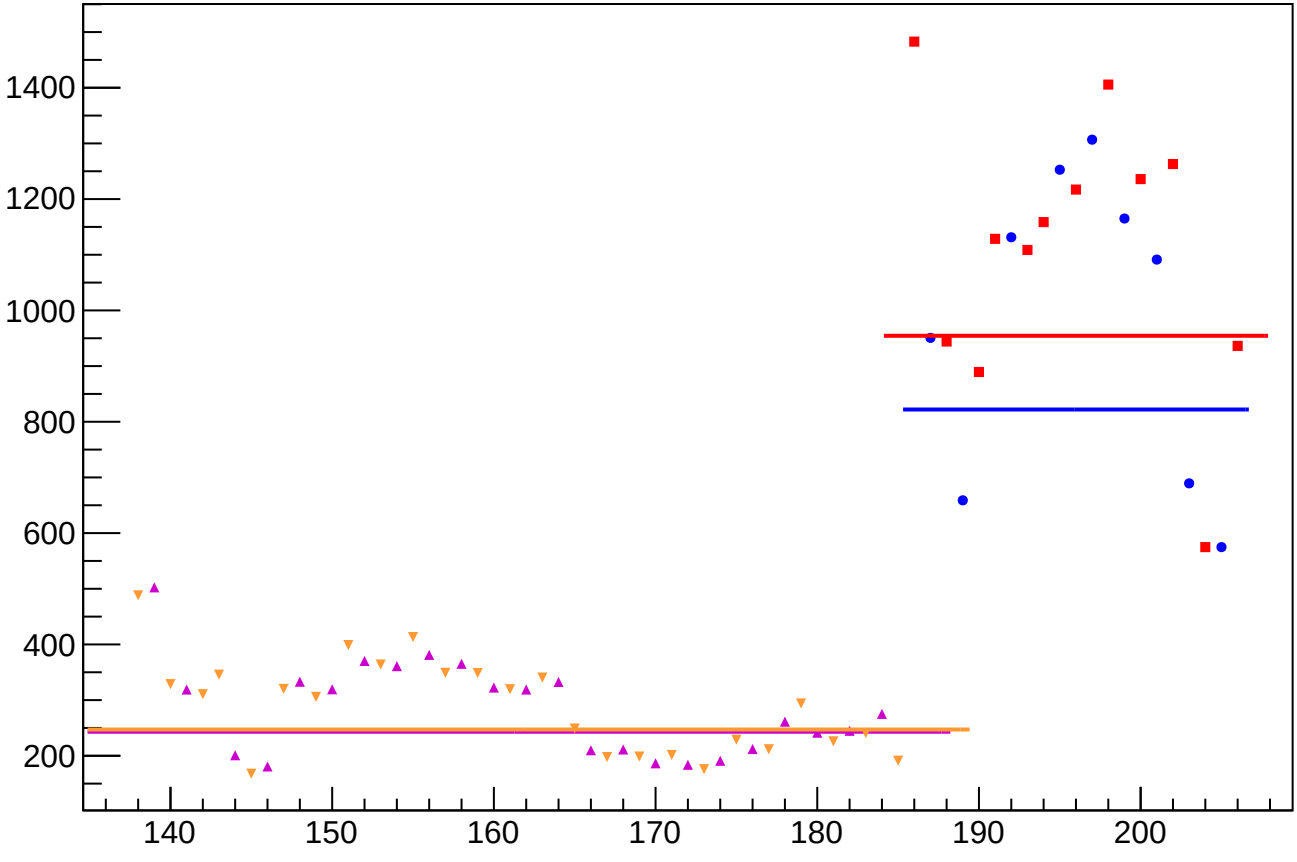
Right: 117.409+/-248.183 χ^2/NDF: 19.6/20

In: 3.016+/-59.489 χ^2/NDF:30.5/31

Out: -252.155+/-59.381 χ^2/NDF:82.0/36

All: -124.802+/-42.027 χ^2/NDF: 121.7/68

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 822.011+/-0.253 χ^2/NDF: 1129679.1/8

Left Out: 247.166+/-0.043 χ^2/NDF:2853302.0/24

Right Out: 954.455+/-0.243 χ^2/NDF: 1304911.2/11

Left In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

Left: 245.179+/-0.030 χ^2/NDF: 5428841.5/47

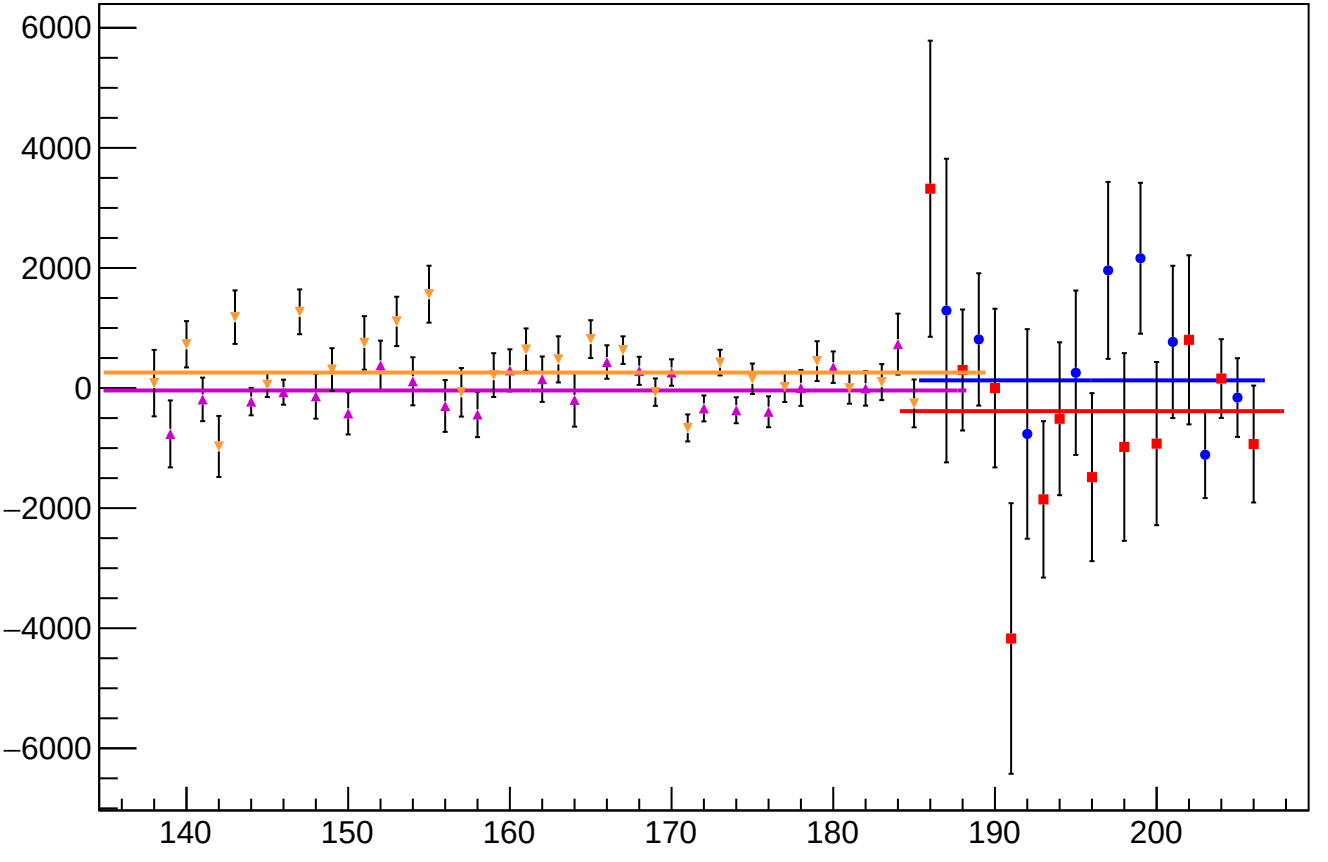
Right: 890.832+/-0.175 χ^2/NDF: 2576765.0/20

In: 259.165+/-0.042 χ^2/NDF:8782503.0/31

Out: 268.205+/-0.042 χ^2/NDF:12347678.1/36

All: 263.693+/-0.030 χ^2/NDF: 21153319.7/68

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 128.124+/-357.937 χ^2/NDF: 8.4/8

Left Out: 258.044+/-61.488 χ^2/NDF:65.0/24

Right Out: -384.620+/-343.552 χ^2/NDF: 9.5/11

Left In: -40.015+/-61.495 χ^2/NDF:25.0/22

Left: 109.033+/-43.481 χ^2/NDF: 101.8/47

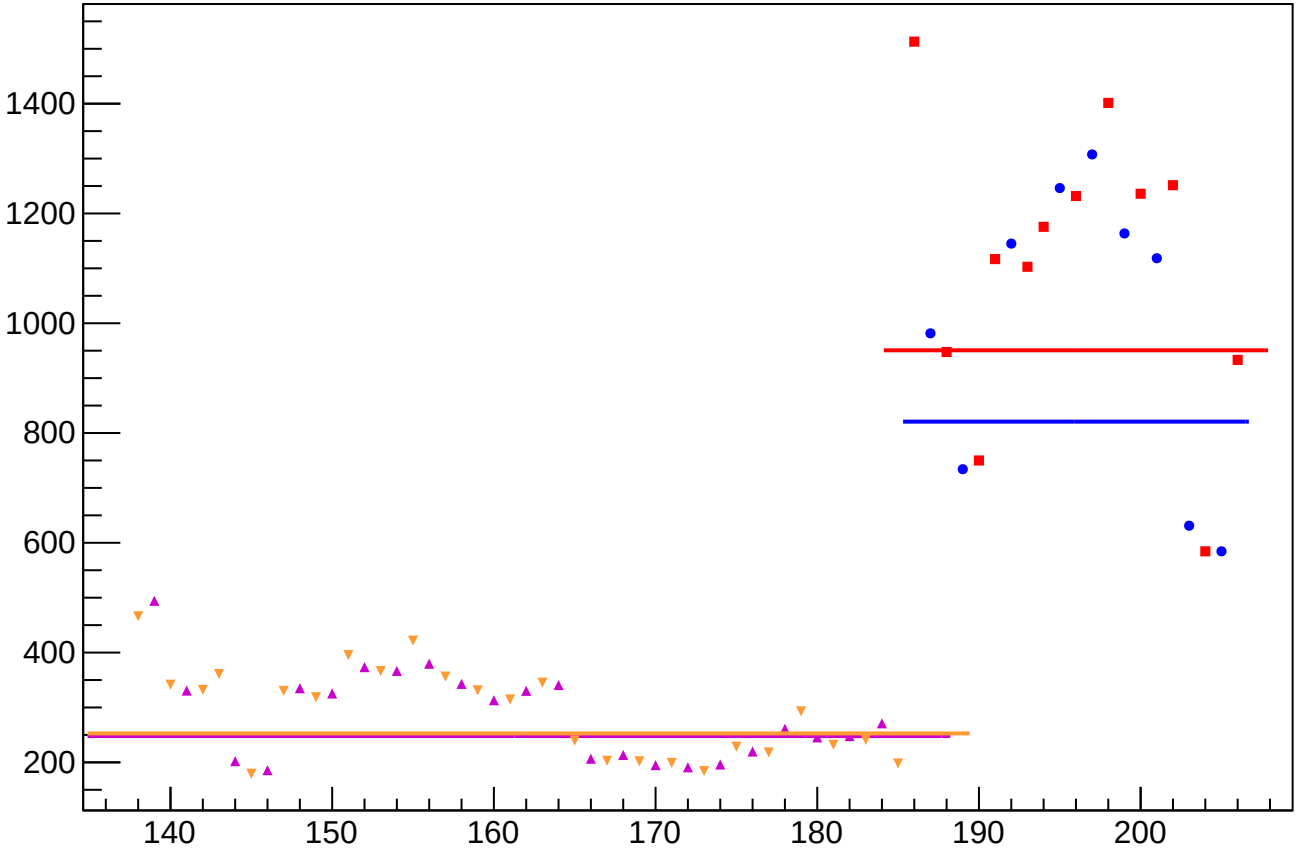
Right: -138.758+/-247.858 χ^2/NDF: 19.0/20

In: -35.195+/-60.607 χ^2/NDF:33.7/31

Out: 238.097+/-60.526 χ^2/NDF:77.9/36

All: 101.635+/-42.827 χ^2/NDF: 121.8/68

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 820.725+/-0.253 χ^2/NDF: 1157868.7/8

Left Out: 252.721+/-0.043 χ^2/NDF:2648800.3/24

Right Out: 950.684+/-0.243 χ^2/NDF: 1301679.4/11

Left In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

Left: 250.320+/-0.031 χ^2/NDF: 5029597.8/47

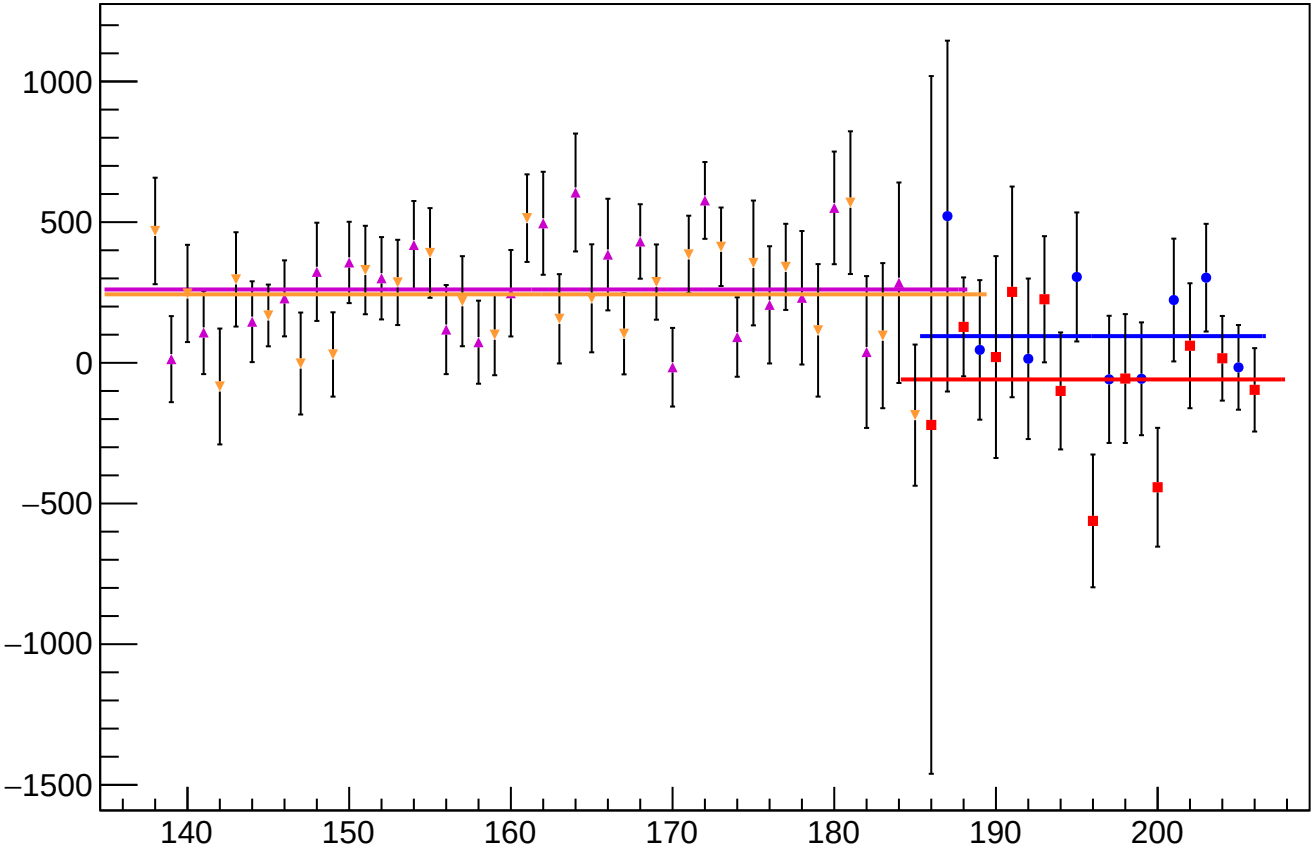
Right: 888.368+/-0.175 χ^2/NDF: 2596779.3/20

In: 264.341+/-0.043 χ^2/NDF:8507616.8/31

Out: 274.384+/-0.043 χ^2/NDF:11949135.3/36

All: 269.369+/-0.030 χ^2/NDF: 20484247.8/68

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 94.887+/-73.117 χ^2/NDF: 4.5/8

Left Out: 243.442+/-32.738 χ^2/NDF:23.4/24

Right Out: -59.023+/-61.973 χ^2/NDF: 12.0/11

Left In: 260.749+/-33.988 χ^2/NDF:28.5/22

Left: 251.772+/-23.579 χ^2/NDF: 52.0/47

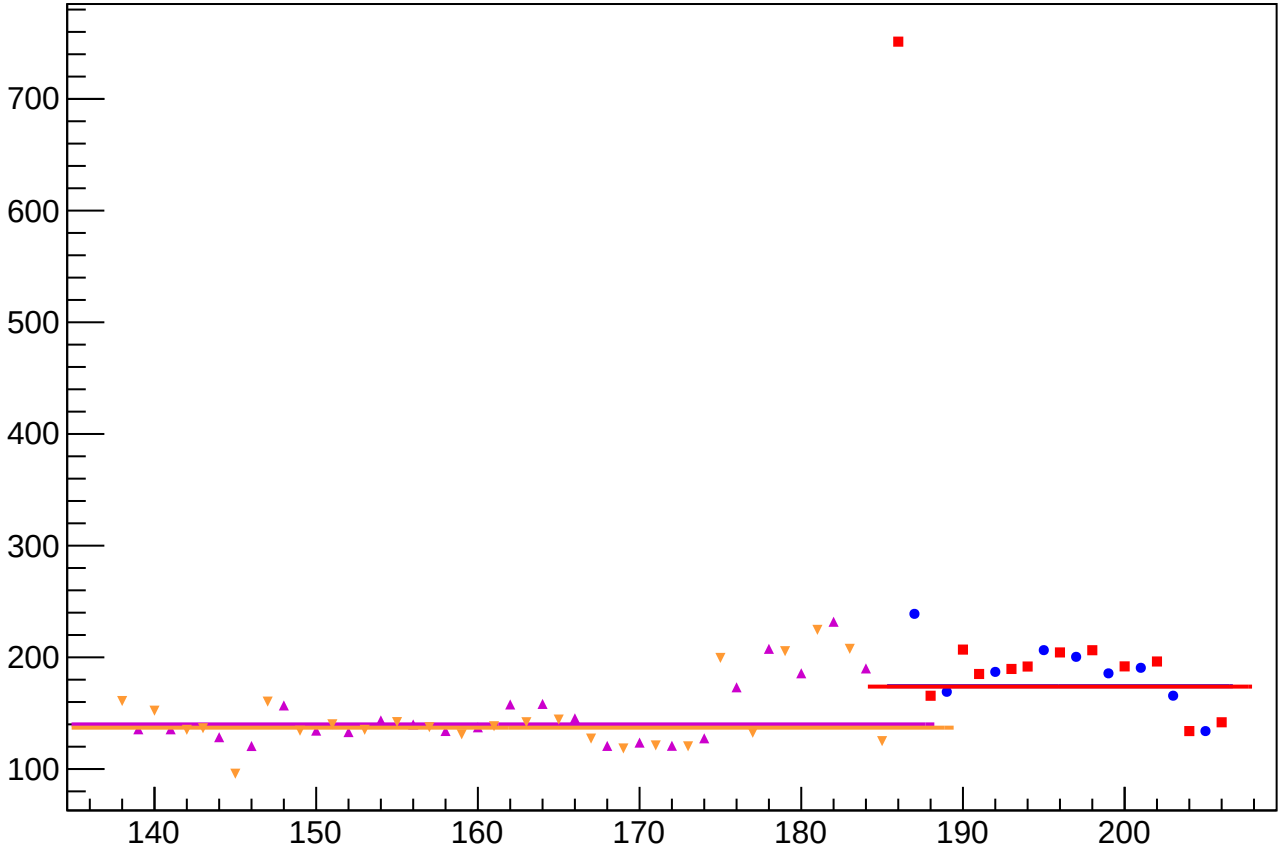
Right: 5.321+/-47.276 χ^2/NDF: 19.1/20

In: 231.278+/-30.821 χ^2/NDF:37.2/31

Out: 177.450+/-28.947 χ^2/NDF:54.0/36

All: 202.679+/-21.100 χ^2/NDF: 92.9/68

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 174.142+/-0.052 χ^2/NDF: 257704.2/8

Left Out: 137.036+/-0.023 χ^2/NDF:1200381.2/24

Right Out: 173.794+/-0.044 χ^2/NDF: 824210.9/11

Left In: 139.966+/-0.024 χ^2/NDF:838127.9/22

Left: 138.446+/-0.017 χ^2/NDF: 2046220.3/47

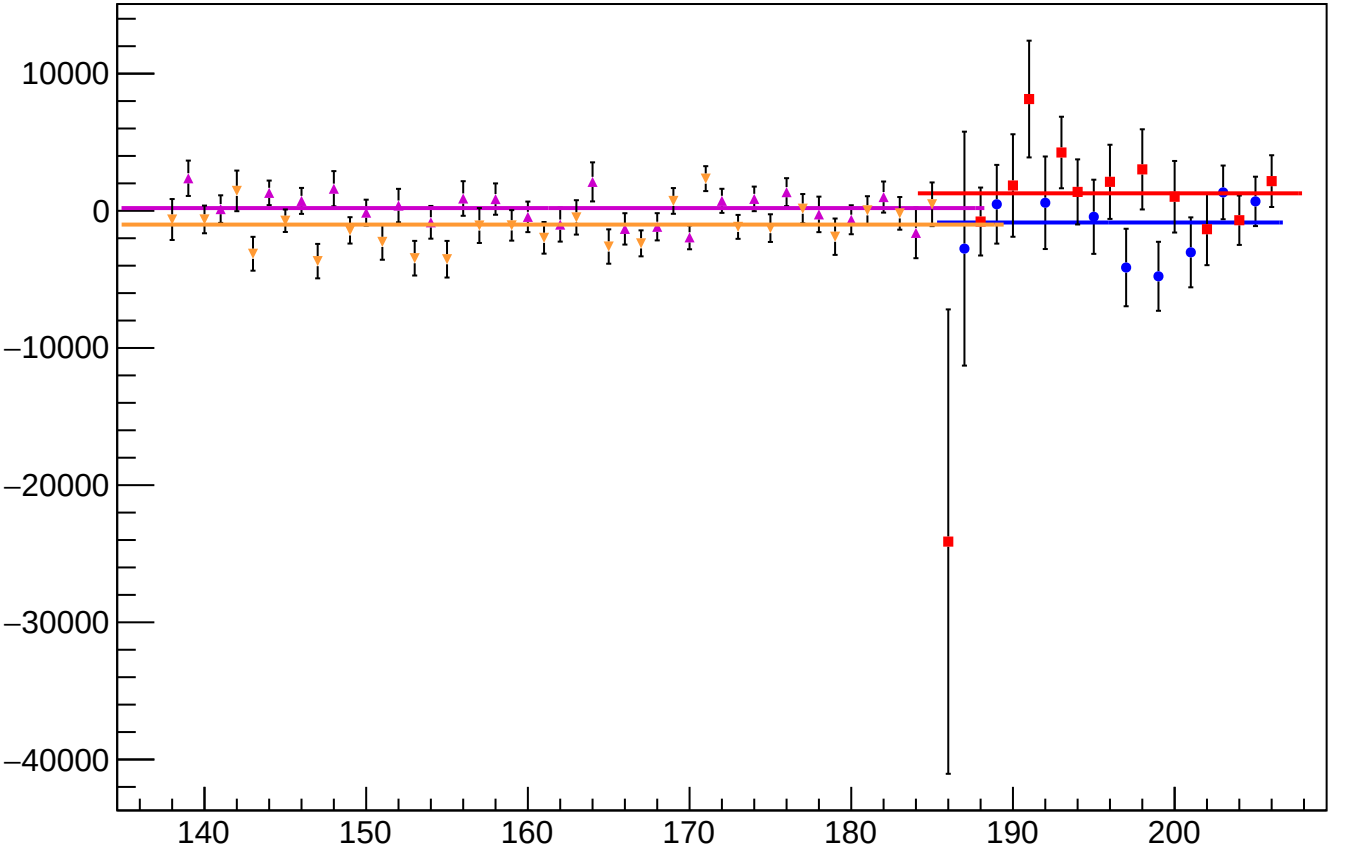
Right: 173.940+/-0.033 χ^2/NDF: 1081941.6/20

In: 146.039+/-0.022 χ^2/NDF:1455155.1/31

Out: 145.055+/-0.020 χ^2/NDF:2574691.7/36

All: 145.516+/-0.015 χ^2/NDF: 4030927.7/68

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -852.147+/-855.385 χ^2/NDF: 7.0/8

Left Out: -1004.364+/-222.387 χ^2/NDF:44.7/24

Right Out: 1274.312+/-755.121 χ^2/NDF: 9.7/11

Left In: 198.654+/-225.997 χ^2/NDF:24.6/22

Left: -412.541+/-158.512 χ^2/NDF: 83.7/47

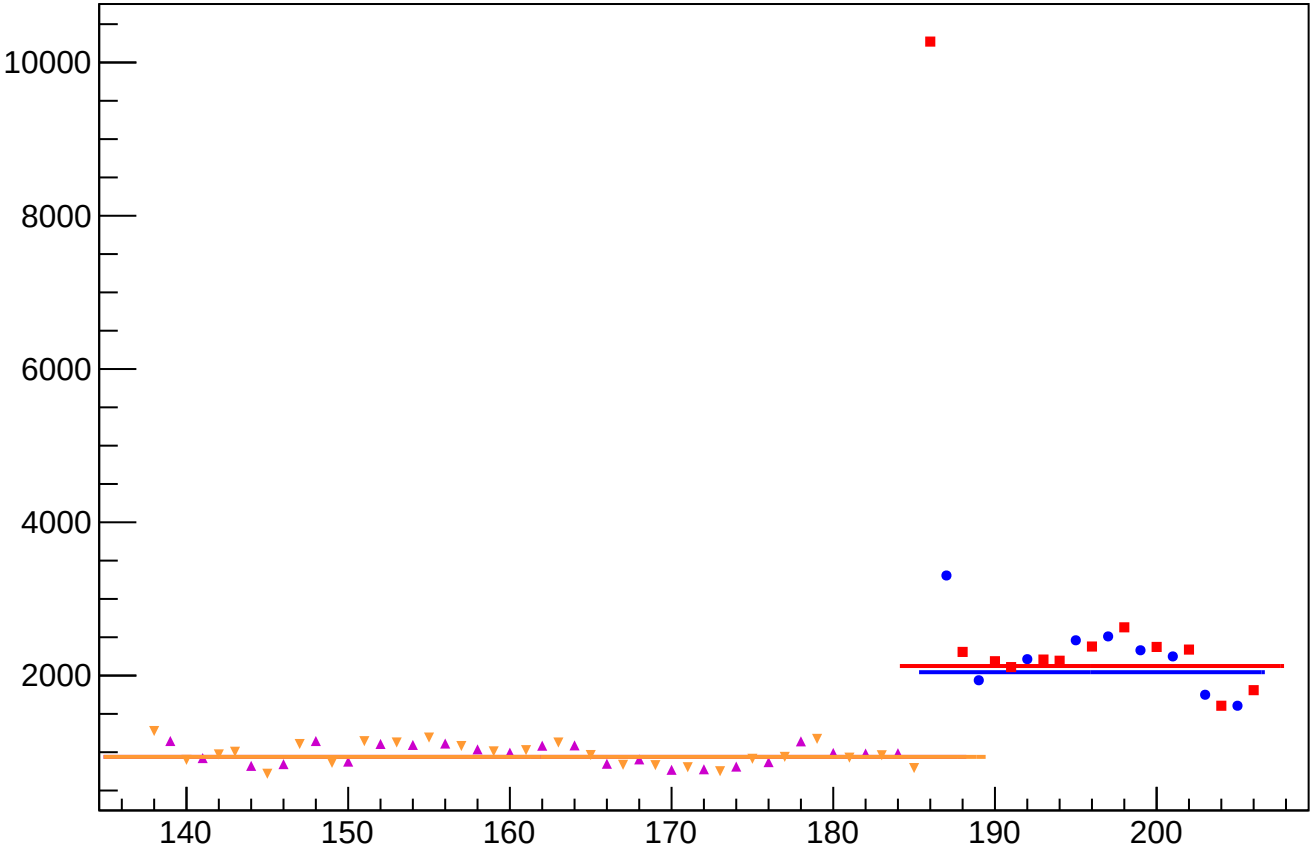
Right: 342.956+/-566.097 χ^2/NDF: 20.2/20

In: 130.090+/-218.500 χ^2/NDF:33.0/31

Out: -822.501+/-213.328 χ^2/NDF:62.8/36

All: -357.612+/-152.641 χ^2/NDF: 105.5/68

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 2044.060+/-0.605 χ^2/NDF: 356062.6/8

Left Out: 938.988+/-0.157 χ^2/NDF:828400.0/24

Right Out: 2124.608+/-0.534 χ^2/NDF: 809431.4/11

Left In: 938.755+/-0.160 χ^2/NDF:611419.0/22

Left: 938.874+/-0.112 χ^2/NDF: 1439820.2/47

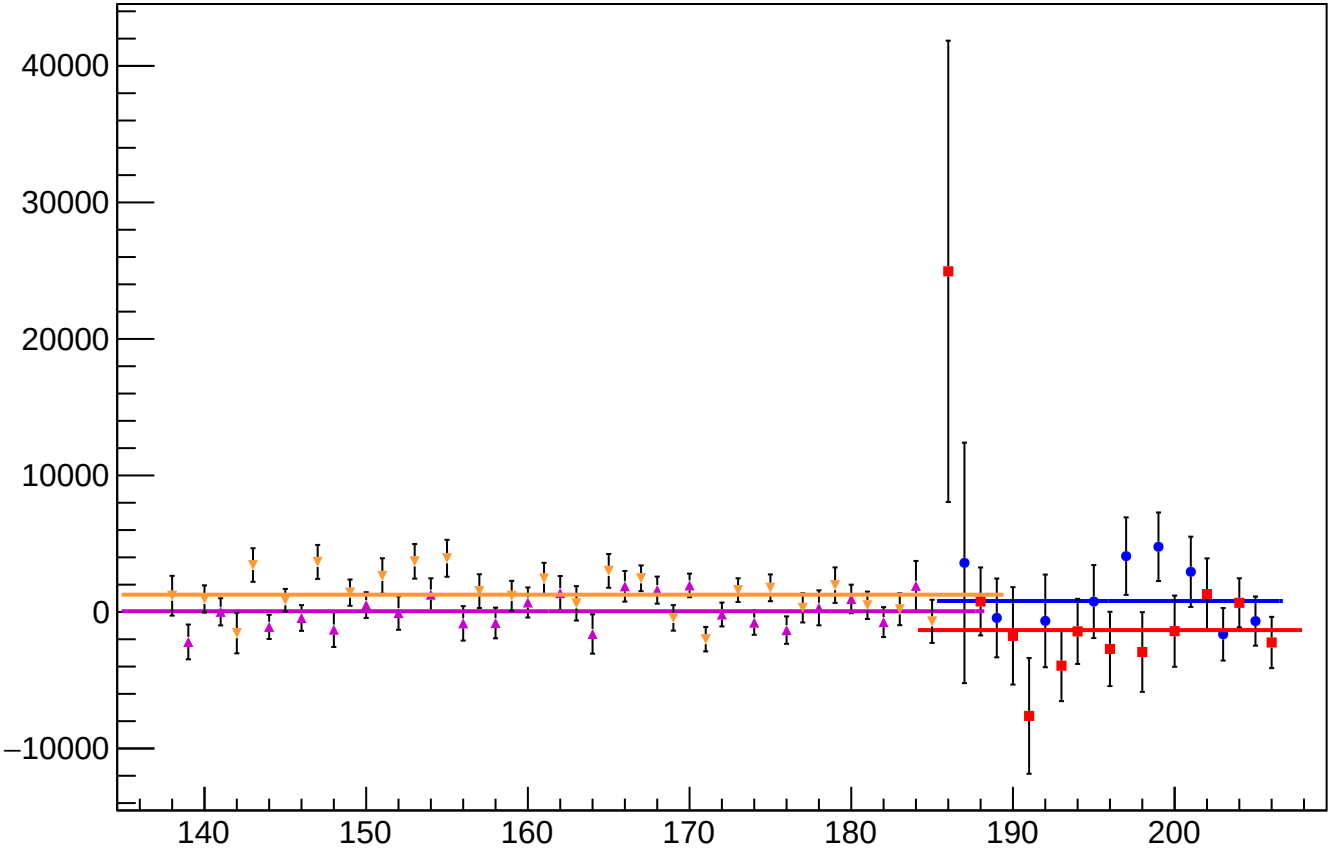
Right: 2089.329+/-0.400 χ^2/NDF: 1175460.9/20

In: 1010.876+/-0.155 χ^2/NDF:4089005.9/31

Out: 1033.614+/-0.151 χ^2/NDF:6174781.0/36

All: 1022.517+/-0.108 χ^2/NDF: 10274875.4/6

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 802.902+/-853.601 χ^2/NDF: 7.3/8

Left Out: 1264.940+/-220.626 χ^2/NDF:45.5/24

Right Out: -1327.065+/-753.615 χ^2/NDF: 9.4/11

Left In: 53.940+/-224.371 χ^2/NDF:26.4/22

Left: 669.631+/-157.313 χ^2/NDF: 86.8/47

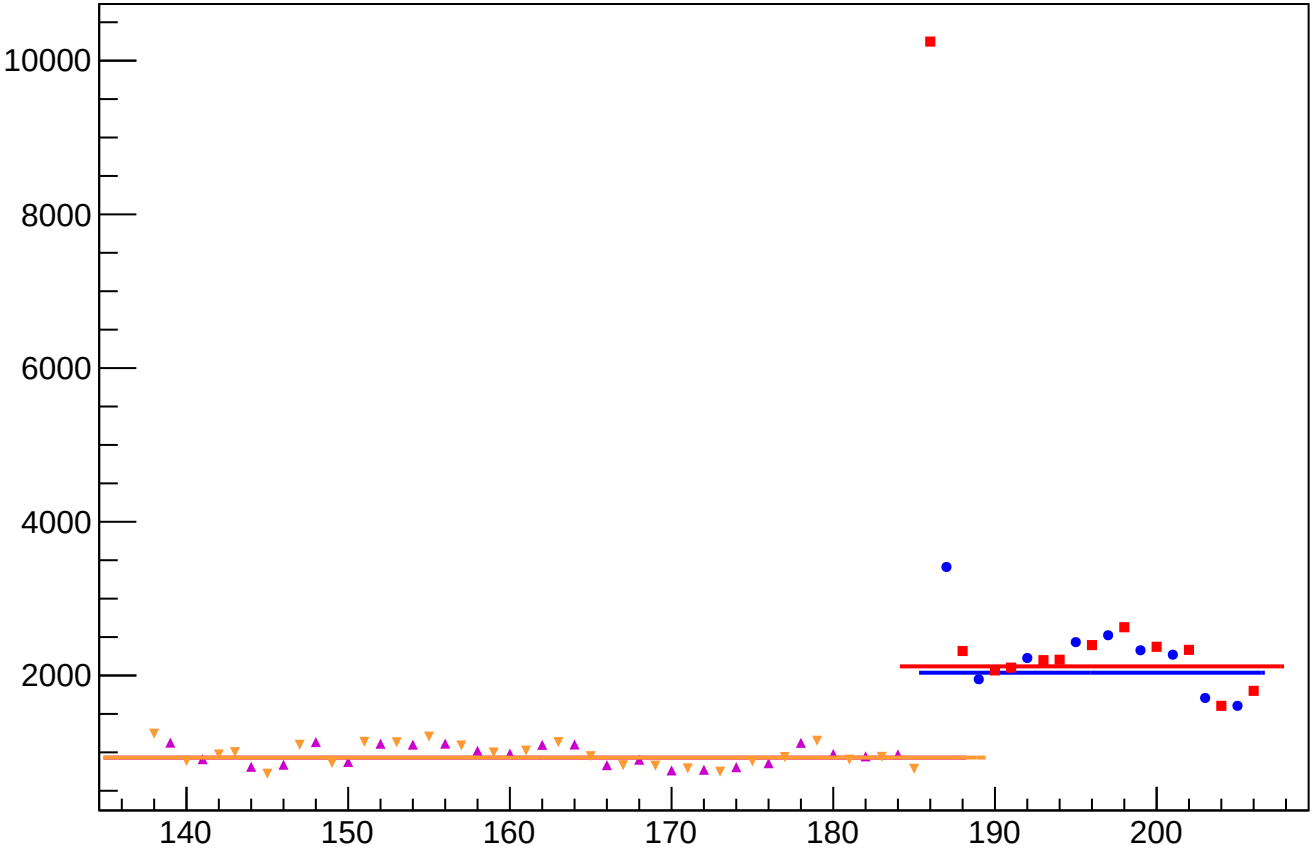
Right: -394.077+/-564.946 χ^2/NDF: 20.2/20

In: 102.342+/-217.000 χ^2/NDF:34.4/31

Out: 1060.325+/-211.739 χ^2/NDF:65.8/36

All: 593.087+/-151.548 χ^2/NDF: 110.2/68

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 2036.174+/-0.604 χ^2/NDF: 376800.8/8

Left Out: 932.170+/-0.156 χ^2/NDF:828733.8/24

Right Out: 2118.651+/-0.533 χ^2/NDF: 815143.8/11

Left In: 930.854+/-0.159 χ^2/NDF:621985.5/22

Left: 931.523+/-0.111 χ^2/NDF: 1450754.2/47

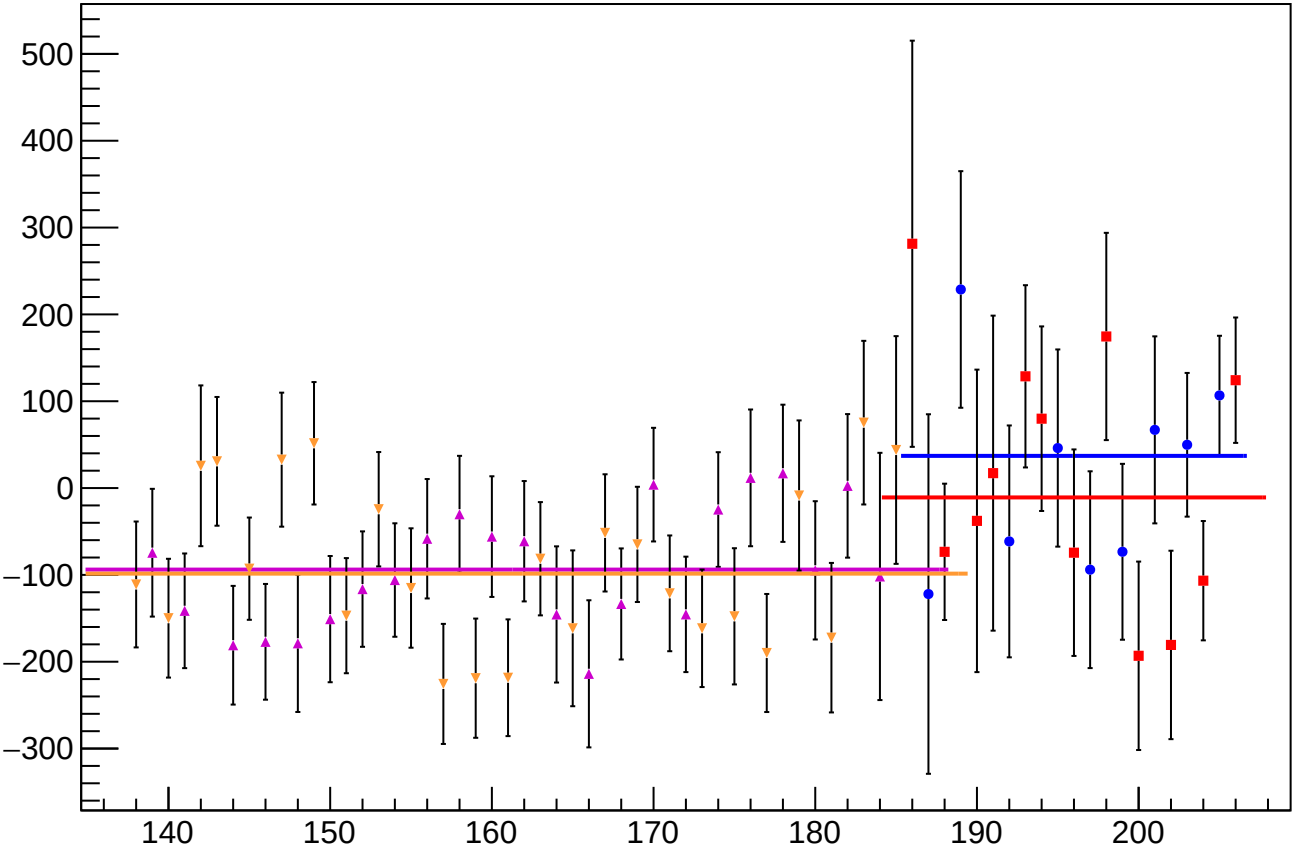
Right: 2082.524+/-0.399 χ^2/NDF: 1202437.5/20

In: 1002.287+/-0.153 χ^2/NDF:4135545.2/31

Out: 1025.832+/-0.150 χ^2/NDF:6209914.2/36

All: 1014.348+/-0.107 χ^2/NDF: 10357521.2/6

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 37.071+/-34.705 χ^2/NDF: 6.8/8

Left Out: -98.557+/-14.525 χ^2/NDF:35.2/24

Right Out: -10.792+/-29.648 χ^2/NDF: 18.2/11

Left In: -93.899+/-15.039 χ^2/NDF:19.3/22

Left: -96.309+/-10.448 χ^2/NDF: 54.6/47

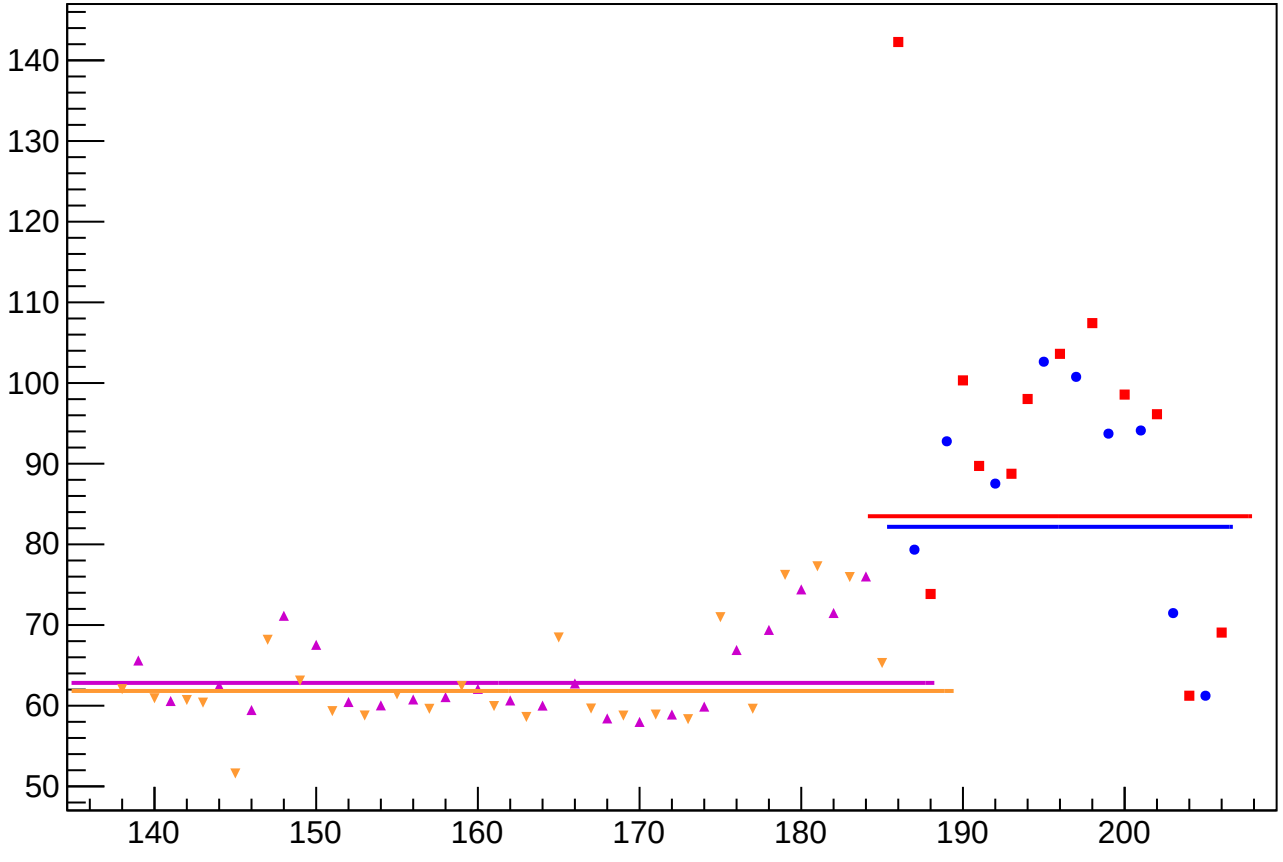
Right: 9.402+/-22.542 χ^2/NDF: 26.0/20

In: -73.193+/-13.799 χ^2/NDF:38.0/31

Out: -81.570+/-13.044 χ^2/NDF:60.5/36

All: -77.617+/-9.479 χ^2/NDF: 98.7/68

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 82.174+/-0.025 χ^2/NDF: 404213.7/8

Left Out: 61.827+/-0.010 χ^2/NDF:313572.8/24

Right Out: 83.487+/-0.021 χ^2/NDF: 713072.1/11

Left In: 62.827+/-0.011 χ^2/NDF:187007.2/22

Left: 62.310+/-0.007 χ^2/NDF: 505157.6/47

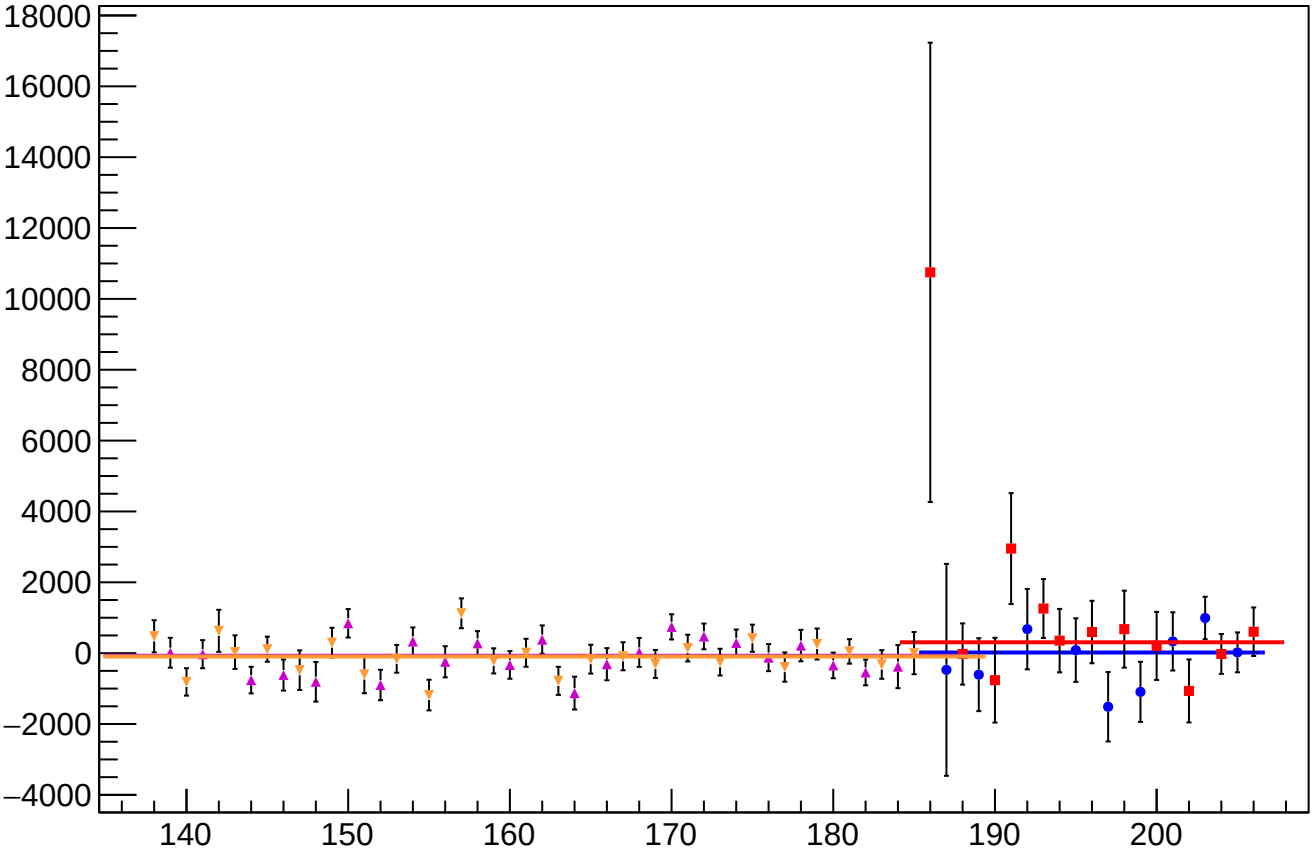
Right: 82.933+/-0.016 χ^2/NDF: 1118939.7/20

In: 65.886+/-0.010 χ^2/NDF:1114504.5/31

Out: 66.019+/-0.009 χ^2/NDF:1887470.7/36

All: 65.956+/-0.007 χ^2/NDF: 3002074.0/68

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: 18.346+/-278.170 χ^2/NDF: 7.7/8

Left Out: -94.907+/-82.850 χ^2/NDF:31.6/24

Right Out: 307.342+/-258.784 χ^2/NDF: 10.9/11

Left In: -73.914+/-84.652 χ^2/NDF:36.4/22

Left: -84.636+/-59.211 χ^2/NDF: 68.0/47

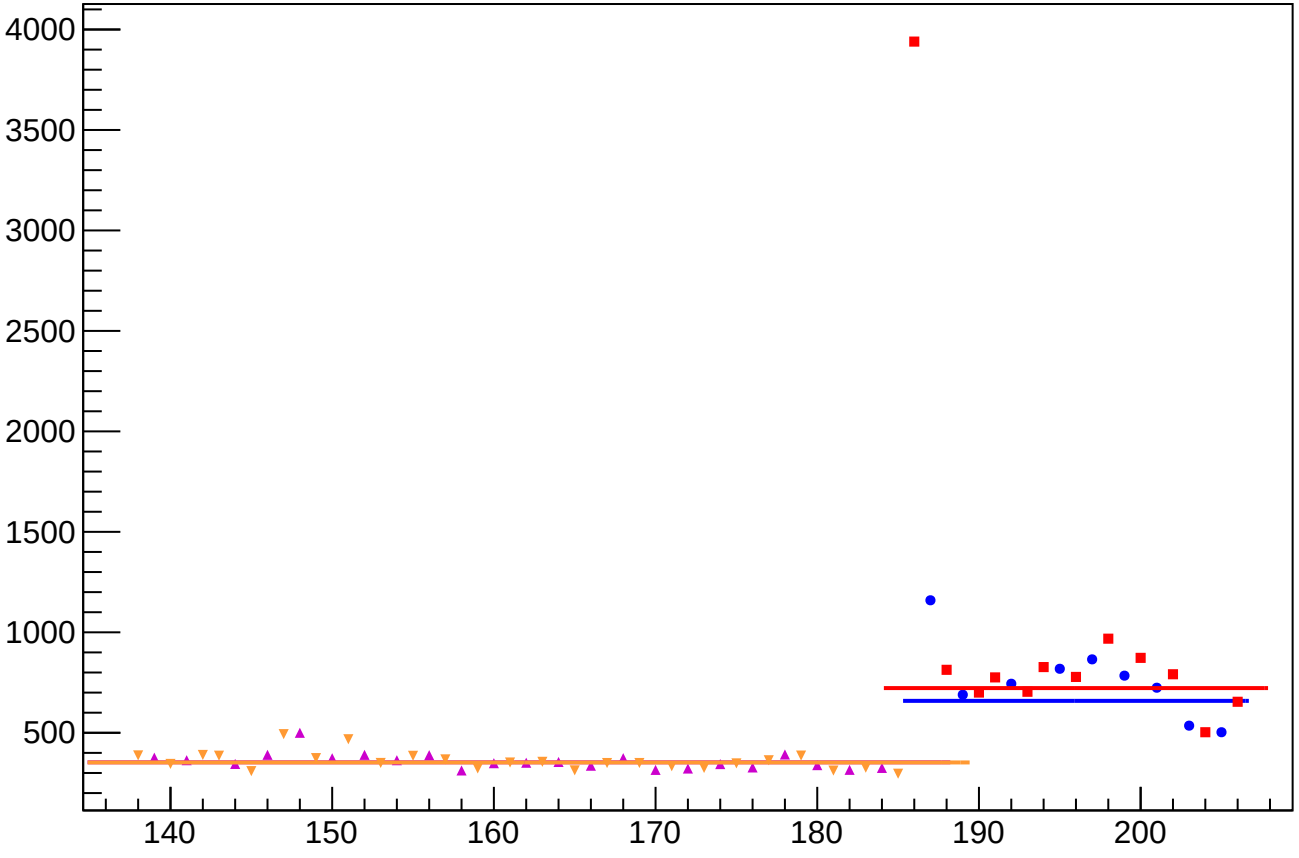
Right: 173.264+/-189.471 χ^2/NDF: 19.1/20

In: -66.094+/-80.985 χ^2/NDF:44.1/31

Out: -57.511+/-78.905 χ^2/NDF:44.6/36

All: -61.691+/-56.515 χ^2/NDF: 88.8/68

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 658.894+/-0.197 χ^2/NDF: 516225.5/8

Left Out: 352.403+/-0.059 χ^2/NDF:418506.2/24

Right Out: 722.455+/-0.183 χ^2/NDF: 1041468.2/11

Left In: 353.197+/-0.060 χ^2/NDF:321761.0/22

Left: 352.791+/-0.042 χ^2/NDF: 740357.2/47

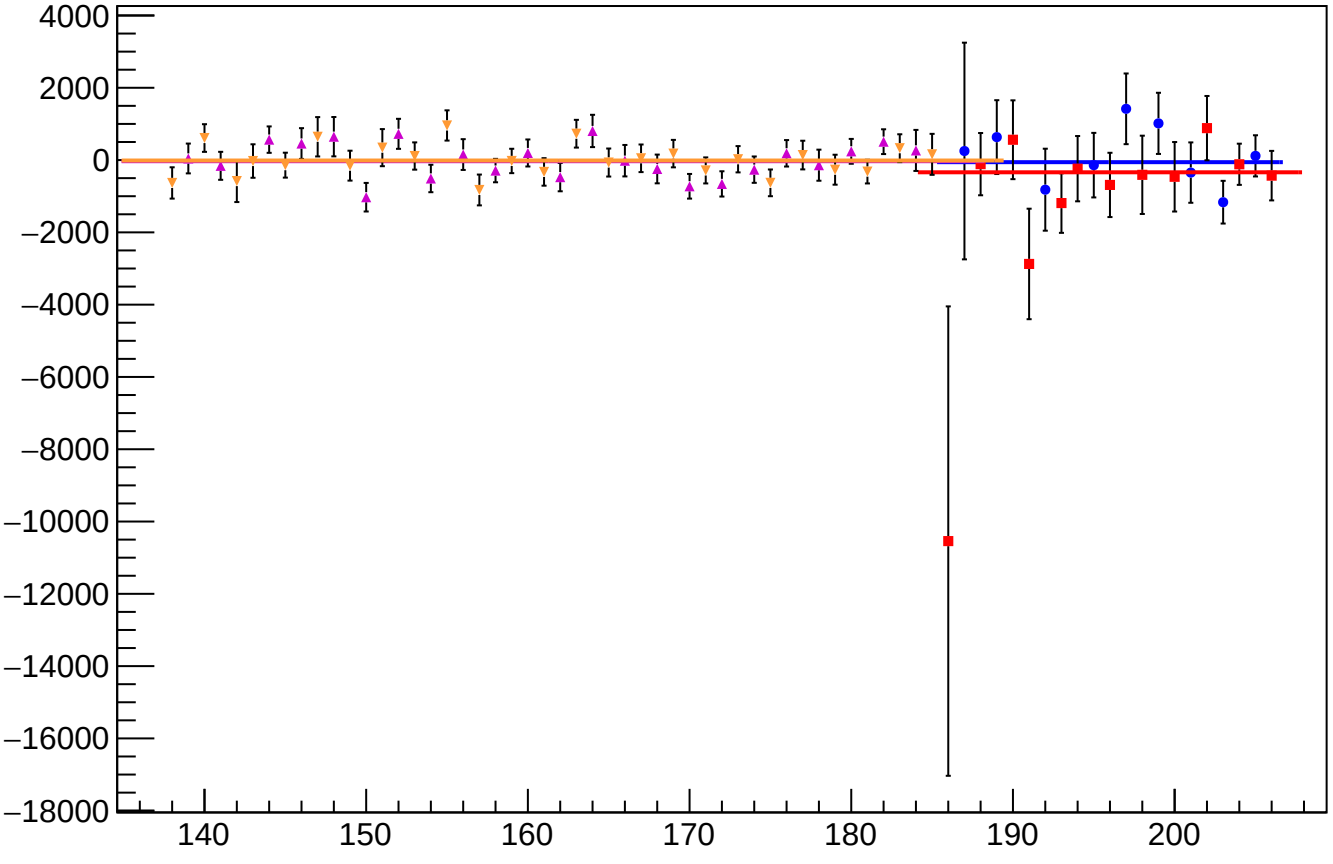
Right: 692.966+/-0.134 χ^2/NDF: 1613670.4/20

In: 379.108+/-0.057 χ^2/NDF:3048674.9/31

Out: 386.805+/-0.056 χ^2/NDF:5169388.0/36

All: 383.057+/-0.040 χ^2/NDF: 8227331.8/68

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: -58.137+/-278.175 χ^2/NDF: 8.5/8

Left Out: -12.545+/-79.984 χ^2/NDF:27.3/24

Right Out: -338.283+/-258.075 χ^2/NDF: 9.3/11

Left In: -31.531+/-81.476 χ^2/NDF:34.8/22

Left: -21.863+/-57.077 χ^2/NDF: 62.2/47

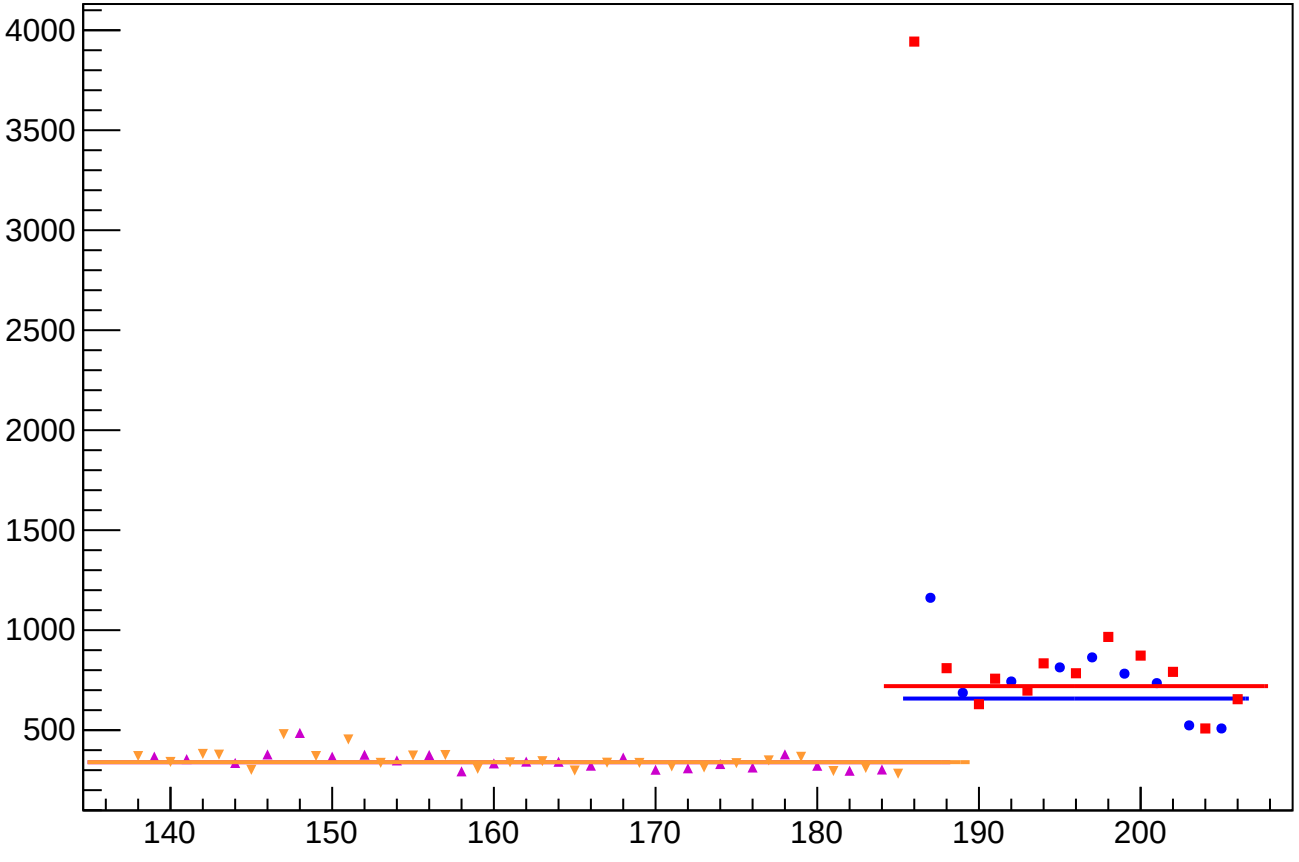
Right: -208.696+/-189.194 χ^2/NDF: 18.4/20

In: -33.633+/-78.191 χ^2/NDF:43.3/31

Out: -41.091+/-76.399 χ^2/NDF:38.1/36

All: -37.449+/-54.645 χ^2/NDF: 81.4/68

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 658.081+/-0.197 χ^2/NDF: 520296.4/8

Left Out: 340.018+/-0.057 χ^2/NDF:465345.1/24

Right Out: 720.141+/-0.182 χ^2/NDF: 1033989.4/11

Left In: 339.571+/-0.058 χ^2/NDF:377816.0/22

Left: 339.799+/-0.040 χ^2/NDF: 843191.8/47

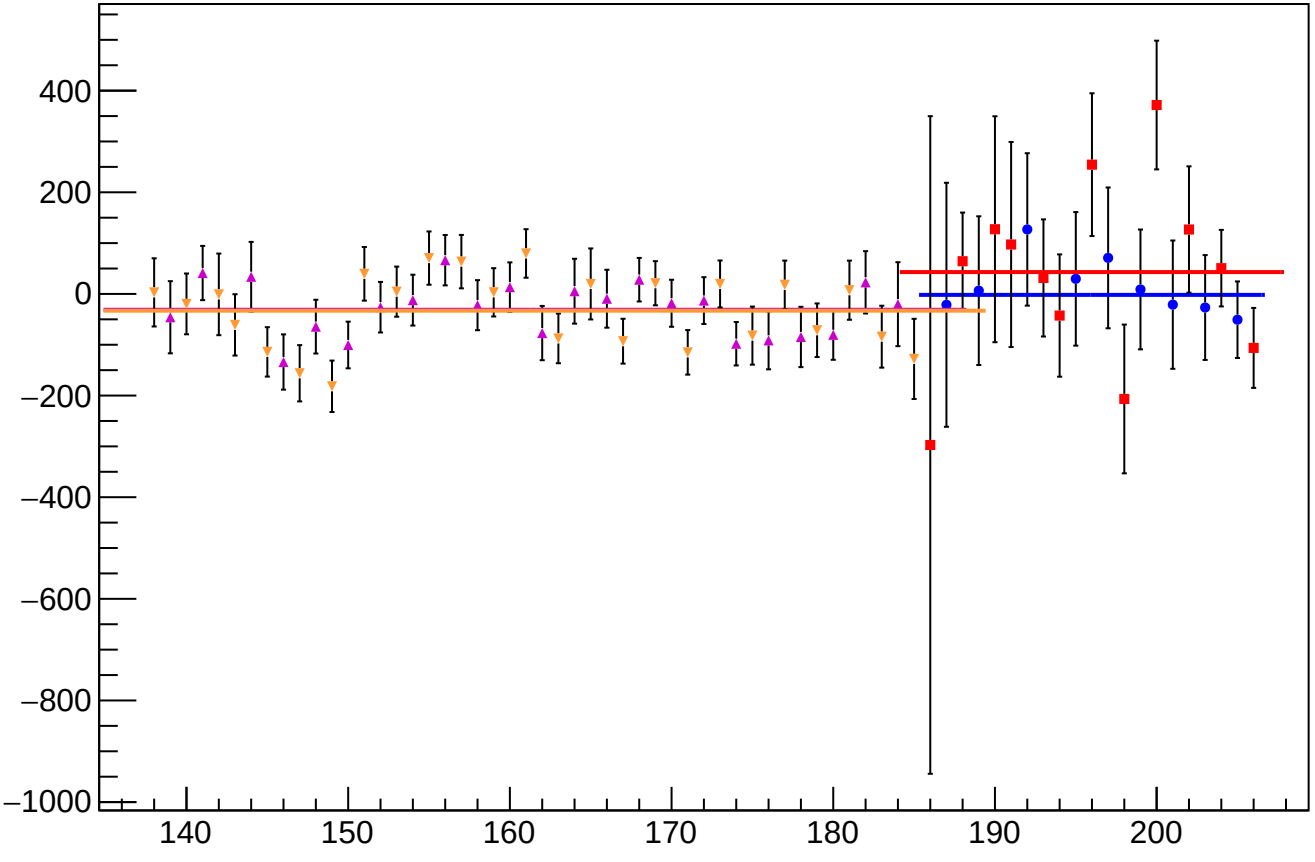
Right: 691.434+/-0.134 χ^2/NDF: 1607784.7/20

In: 364.736+/-0.055 χ^2/NDF:3312989.3/31

Out: 373.331+/-0.054 χ^2/NDF:5458046.9/36

All: 369.133+/-0.039 χ^2/NDF: 8783398.5/68

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -1.846+/-40.052 χ^2/NDF: 1.6/8

Left Out: -32.964+/-10.578 χ^2/NDF:48.0/24

Right Out: 43.002+/-34.043 χ^2/NDF: 17.0/11

Left In: -31.144+/-10.958 χ^2/NDF:23.4/22

Left: -32.086+/-7.610 χ^2/NDF: 71.5/47

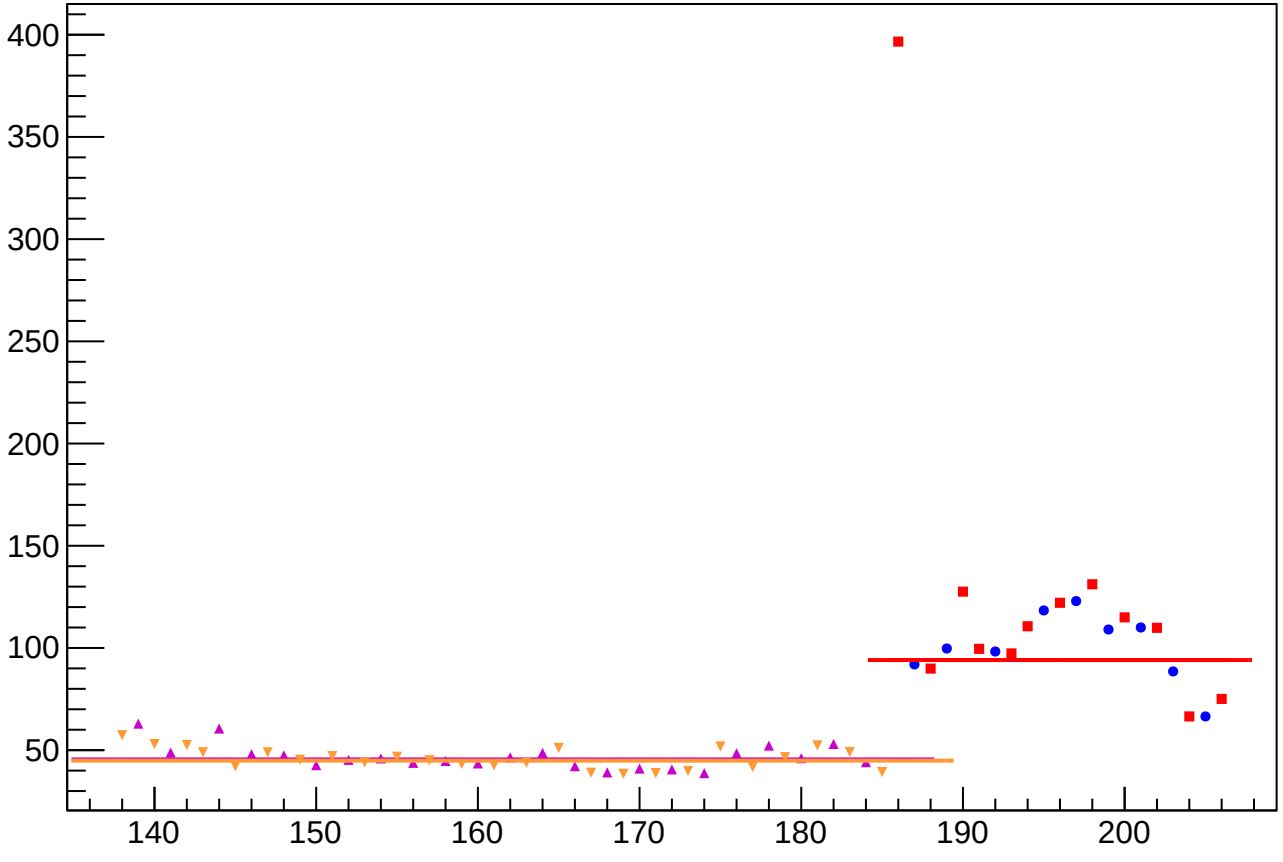
Right: 24.191+/-25.939 χ^2/NDF: 19.4/20

In: -29.104+/-10.569 χ^2/NDF:25.5/31

Out: -26.276+/-10.101 χ^2/NDF:69.6/36

All: -27.626+/-7.302 χ^2/NDF: 95.2/68

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 94.101+/-0.028 χ^2/NDF: 497485.9/8

Left Out: 44.862+/-0.007 χ^2/NDF:415524.3/24

Right Out: 94.091+/-0.024 χ^2/NDF: 1206576.9/11

Left In: 45.465+/-0.008 χ^2/NDF:457021.7/22

Left: 45.153+/-0.005 χ^2/NDF: 875681.9/47

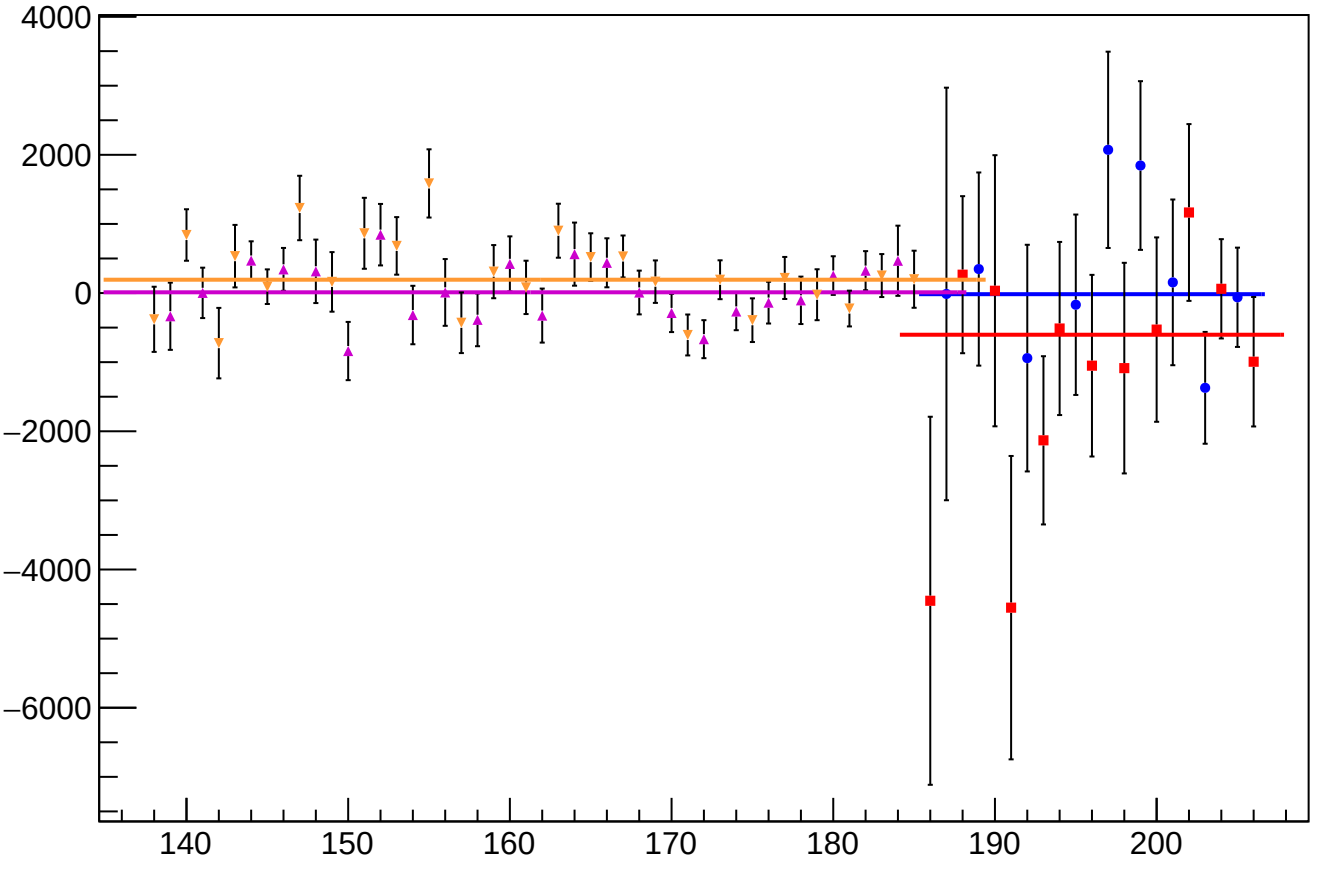
Right: 94.095+/-0.018 χ^2/NDF: 1704062.9/20

In: 48.852+/-0.007 χ^2/NDF:3698212.6/31

Out: 49.196+/-0.007 χ^2/NDF:5436161.7/36

All: 49.032+/-0.005 χ^2/NDF: 9135484.1/68

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -16.446+/-380.358 χ^2/NDF: 7.7/8

Left Out: 192.946+/-70.968 χ^2/NDF:45.8/24

Right Out: -603.139+/-354.509 χ^2/NDF: 10.8/11

Left In: 10.801+/-72.300 χ^2/NDF:30.2/22

Left: 103.567+/-50.646 χ^2/NDF: 79.3/47

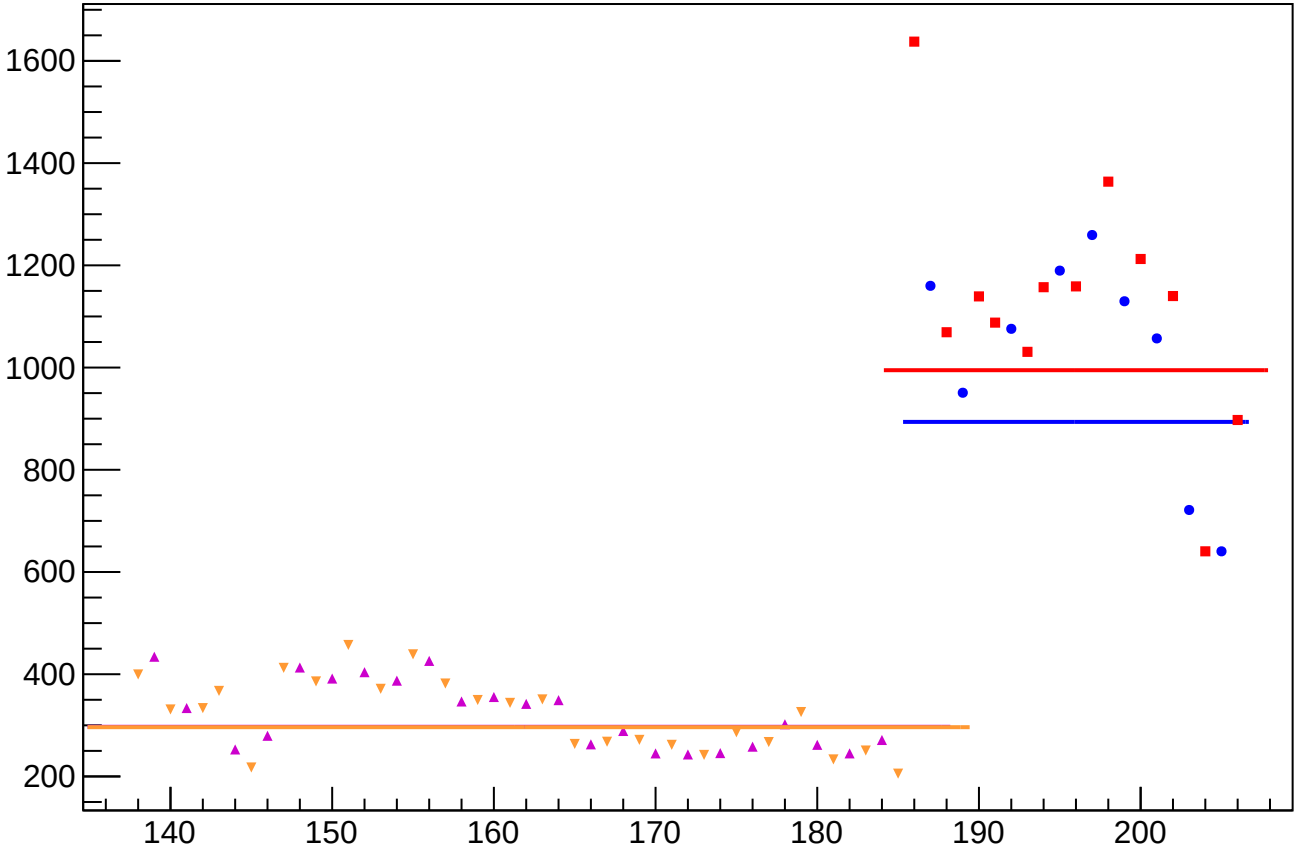
Right: -330.404+/-259.333 χ^2/NDF: 19.8/20

In: 9.851+/-71.028 χ^2/NDF:38.0/31

Out: 162.272+/-69.587 χ^2/NDF:61.4/36

All: 87.623+/-49.707 χ^2/NDF: 101.7/68

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 893.694+/-0.269 χ^2/NDF: 730555.6/8

Left Out: 296.383+/-0.050 χ^2/NDF:1635498.4/24

Right Out: 994.836+/-0.251 χ^2/NDF: 910610.0/11

Left In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

Left: 296.753+/-0.036 χ^2/NDF: 2956359.4/47

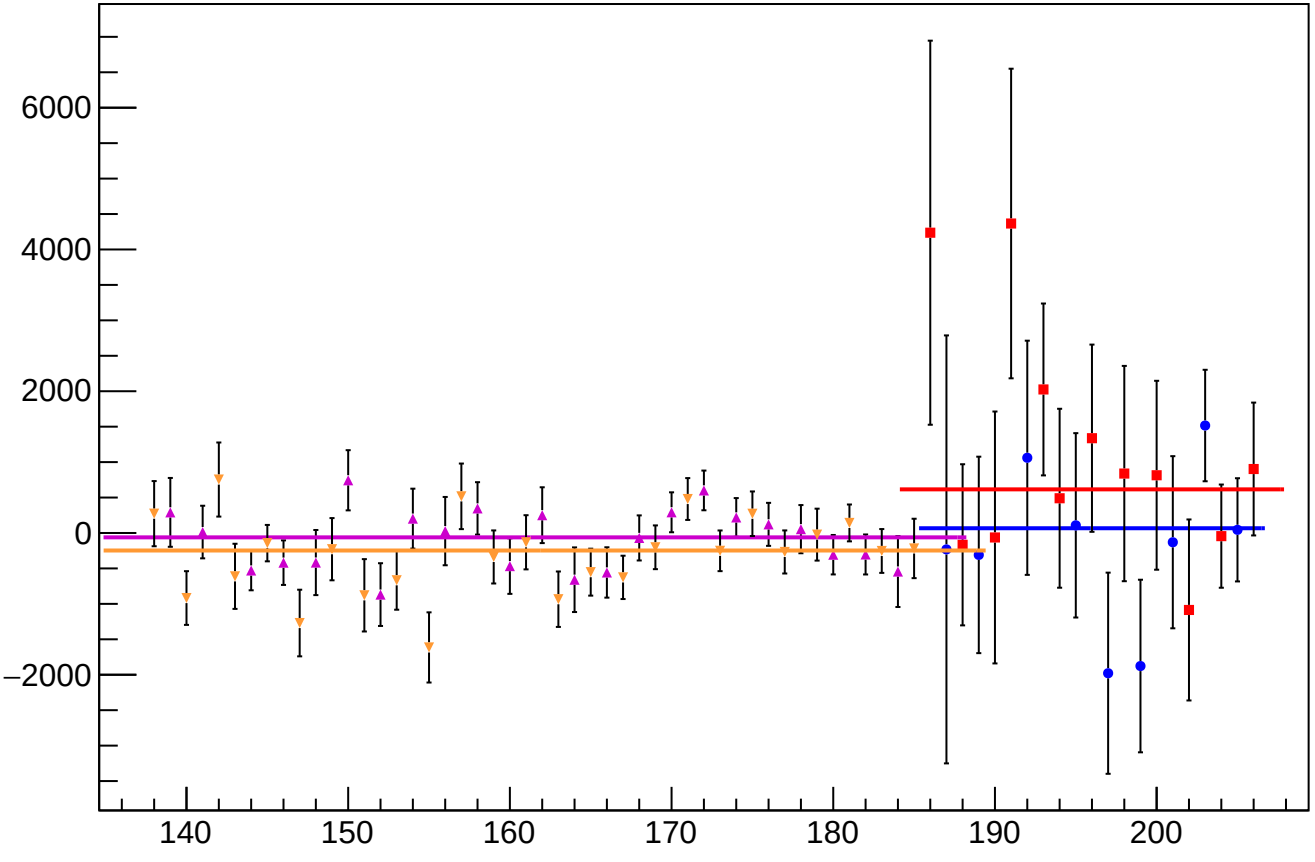
Right: 947.819+/-0.183 χ^2/NDF: 1716843.6/20

In: 317.940+/-0.050 χ^2/NDF:6799567.4/31

Out: 323.295+/-0.049 χ^2/NDF:10010359.3/36

All: 320.673+/-0.035 χ^2/NDF: 16815727.1/68

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 66.970+/-379.559 χ^2/NDF: 8.5/8

Left Out: -247.108+/-71.218 χ^2/NDF:43.6/24

Right Out: 615.461+/-354.600 χ^2/NDF: 9.8/11

Left In: -61.707+/-72.478 χ^2/NDF:30.3/22

Left: -156.032+/-50.798 χ^2/NDF: 77.2/47

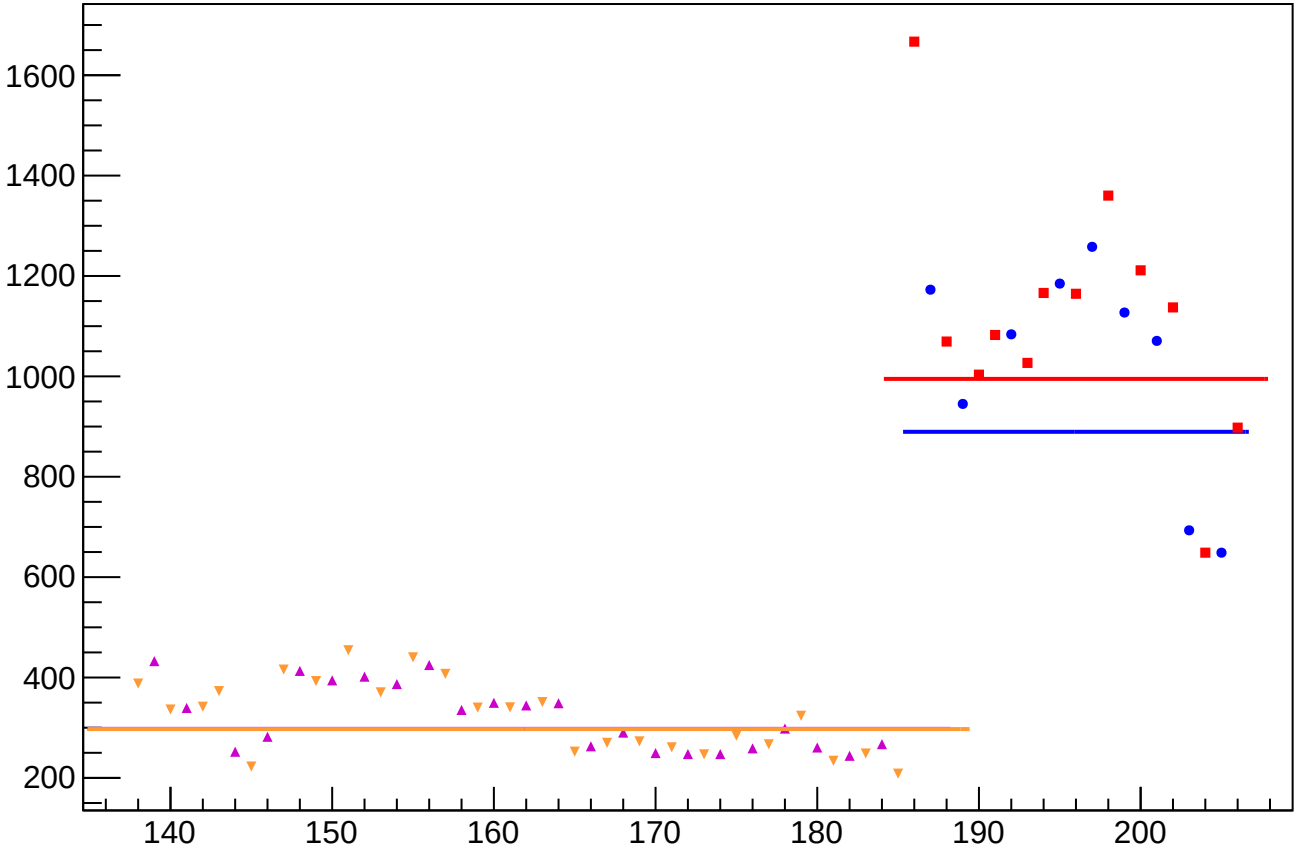
Right: 359.841+/-259.115 χ^2/NDF: 19.4/20

In: -57.180+/-71.191 χ^2/NDF:38.9/31

Out: -213.663+/-69.824 χ^2/NDF:59.0/36

All: -136.939+/-49.849 χ^2/NDF: 100.4/68

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 889.545+/-0.268 χ^2/NDF: 750586.1/8

Left Out: 297.273+/-0.050 χ^2/NDF:1627904.5/24

Right Out: 994.971+/-0.251 χ^2/NDF: 873037.0/11

Left In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

Left: 297.481+/-0.036 χ^2/NDF: 2902547.0/47

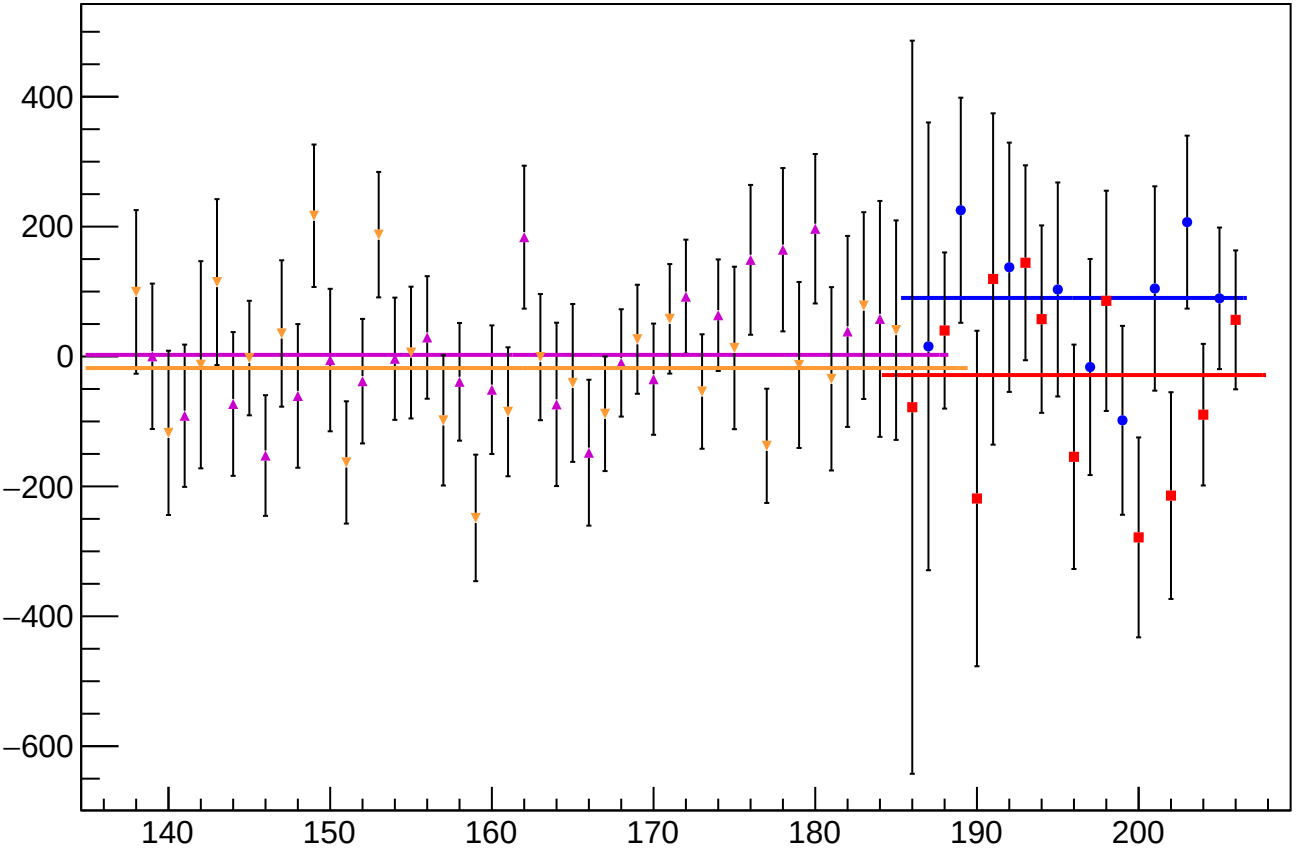
Right: 945.838+/-0.183 χ^2/NDF: 1706012.2/20

In: 318.517+/-0.050 χ^2/NDF:6716994.0/31

Out: 324.325+/-0.049 χ^2/NDF:9943357.2/36

All: 321.477+/-0.035 χ^2/NDF: 16667134.1/68

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 90.187+/-51.984 χ^2/NDF: 3.6/8

Left Out: -17.764+/-21.121 χ^2/NDF:25.5/24

Right Out: -28.545+/-43.995 χ^2/NDF: 8.8/11

Left In: 2.505+/-21.582 χ^2/NDF:18.0/22

Left: -7.848+/-15.095 χ^2/NDF: 44.0/47

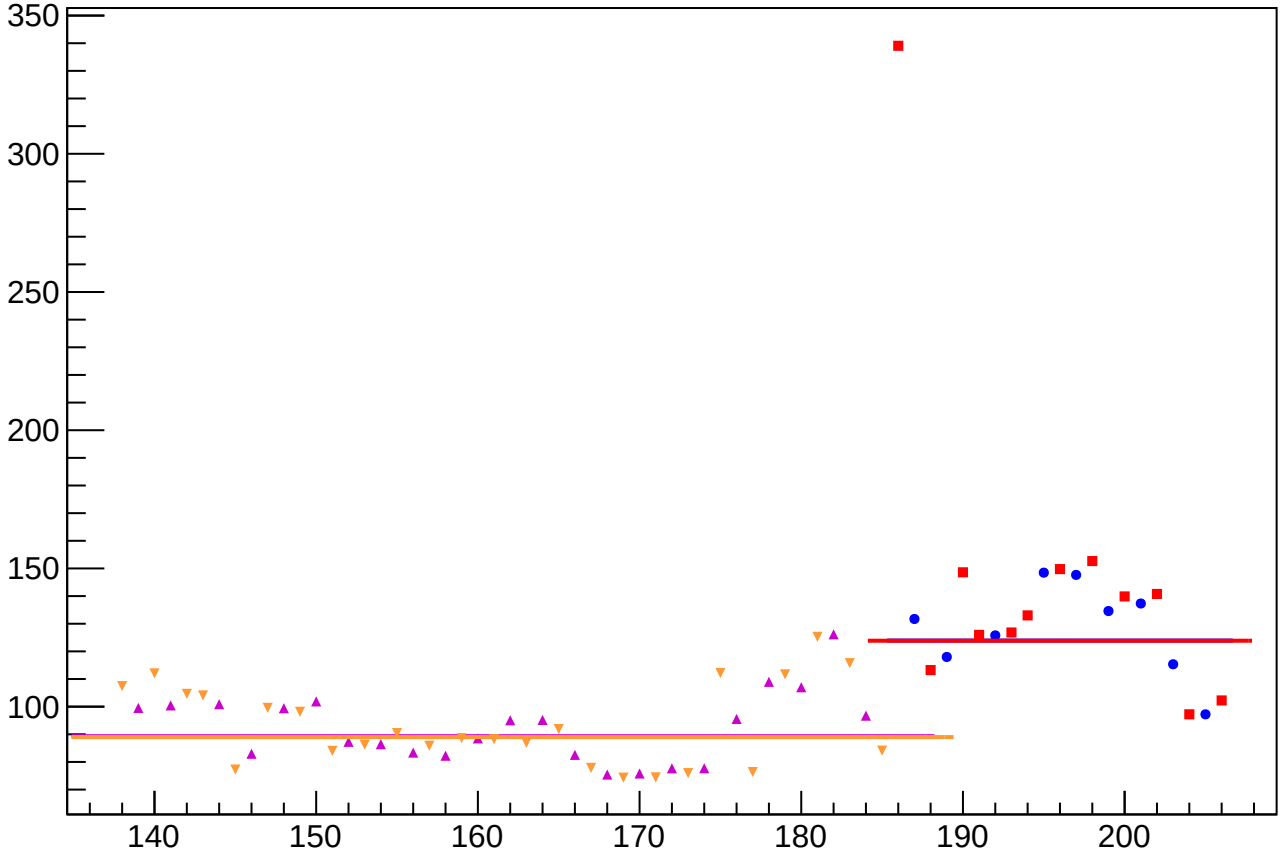
Right: 21.007+/-33.582 χ^2/NDF: 15.4/20

In: 15.397+/-19.933 χ^2/NDF:24.0/31

Out: -19.783+/-19.041 χ^2/NDF:34.4/36

All: -2.998+/-13.768 χ^2/NDF: 60.0/68

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 123.907+/-0.037 χ^2/NDF: 242211.8/8

Left Out: 88.991+/-0.015 χ^2/NDF:807471.2/24

Right Out: 123.855+/-0.031 χ^2/NDF: 681703.0/11

Left In: 89.321+/-0.015 χ^2/NDF:560433.9/22

Left: 89.152+/-0.011 χ^2/NDF: 1368144.9/47

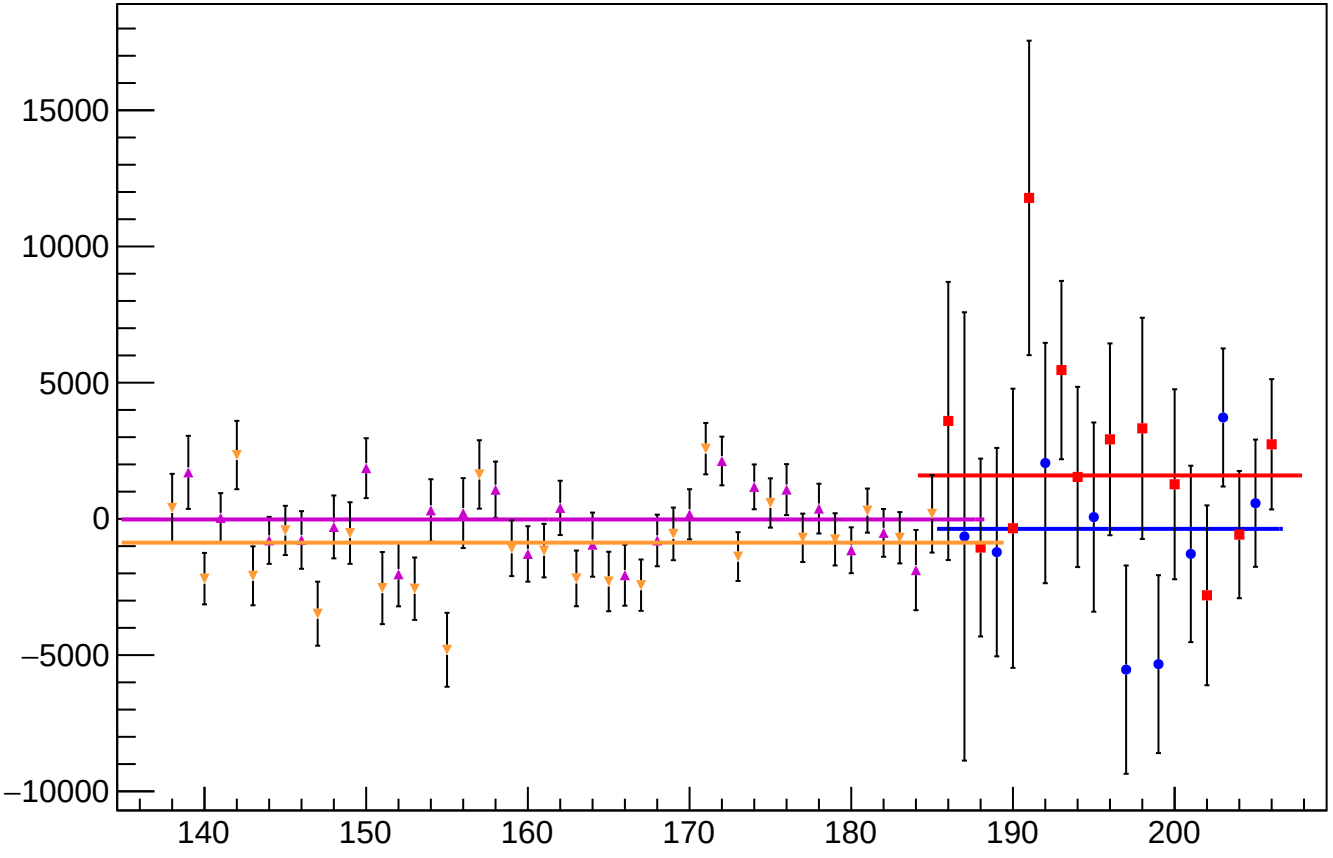
Right: 123.877+/-0.024 χ^2/NDF: 923916.1/20

In: 94.406+/-0.014 χ^2/NDF:1557794.9/31

Out: 95.521+/-0.013 χ^2/NDF:2509885.9/36

All: 94.989+/-0.010 χ^2/NDF: 4070949.9/68

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -366.288+/-1108.394 χ^2/NDF: 7.4/8

Left Out: -871.061+/-205.986 χ^2/NDF:57.6/24

Right Out: 1594.640+/-971.917 χ^2/NDF: 8.7/11

Left In: -20.573+/-210.177 χ^2/NDF:29.7/22

Left: -454.381+/-147.113 χ^2/NDF: 95.6/47

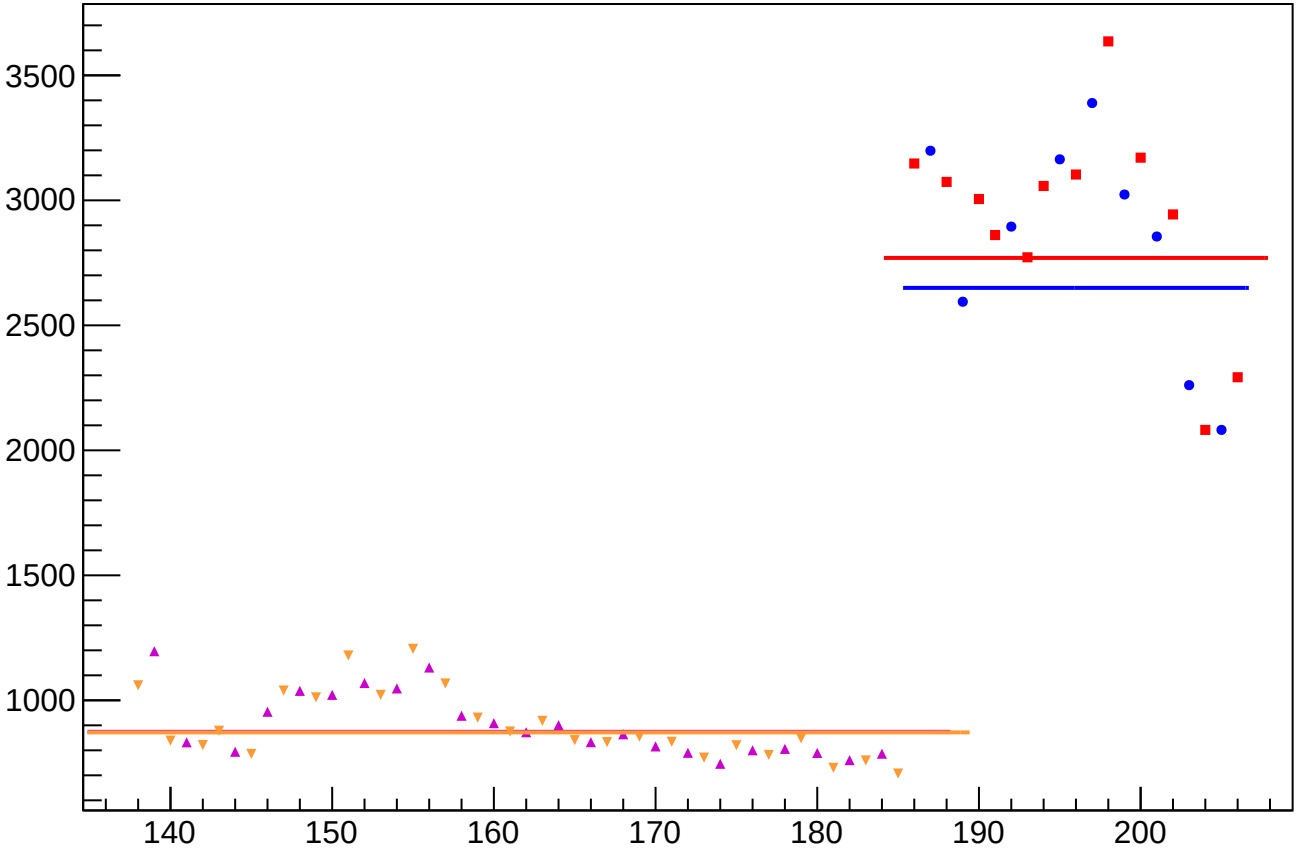
Right: 742.270+/-730.764 χ^2/NDF: 17.8/20

In: -32.573+/-206.497 χ^2/NDF:37.1/31

Out: -765.069+/-201.510 χ^2/NDF:72.5/36

All: -407.773+/-144.220 χ^2/NDF: 116.0/68

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 2649.864+/-0.784 χ^2/NDF: 333824.4/8

Left Out: 871.690+/-0.146 χ^2/NDF:642403.4/24

Right Out: 2769.709+/-0.687 χ^2/NDF: 442421.1/11

Left In: 874.055+/-0.149 χ^2/NDF:578510.6/22

Left: 872.849+/-0.104 χ^2/NDF: 1221043.2/47

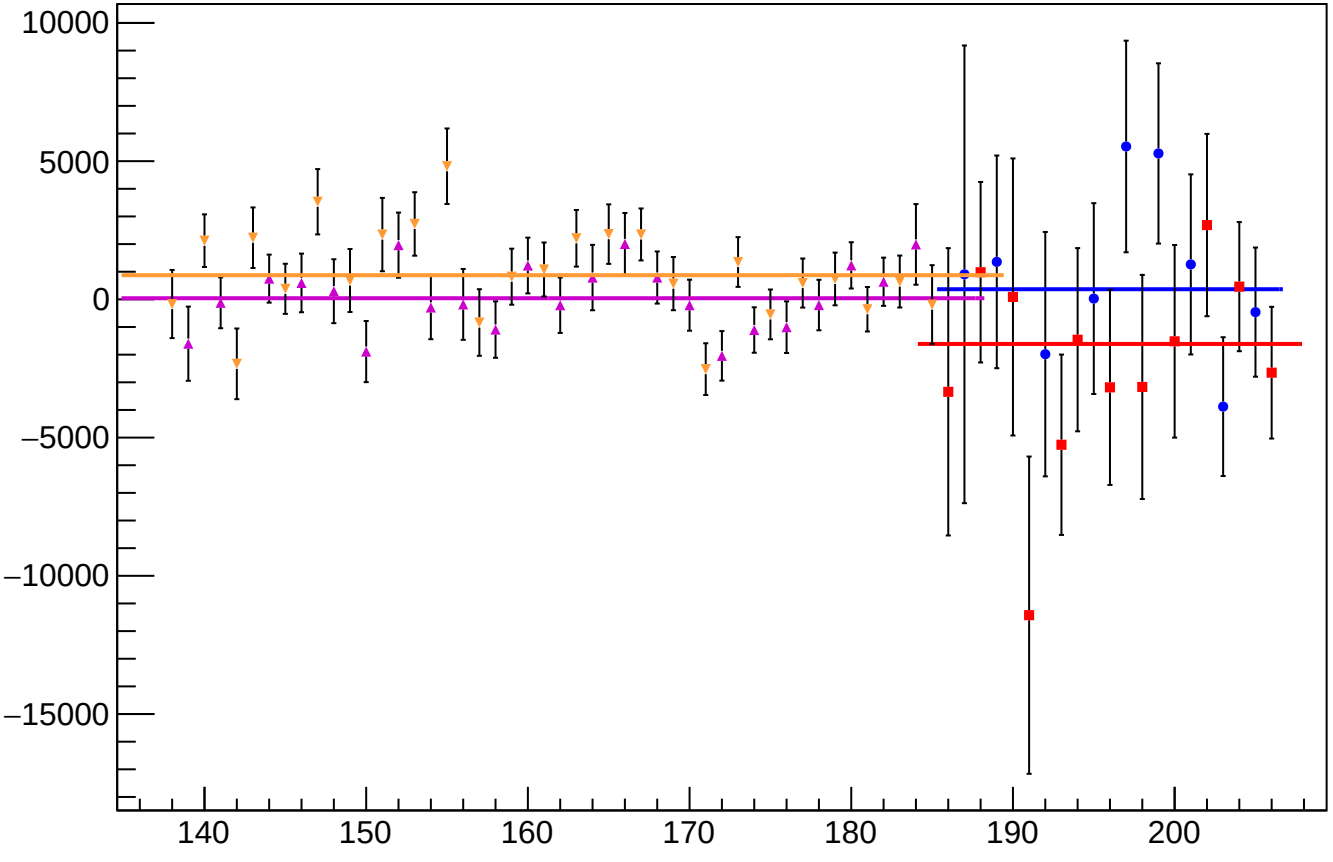
Right: 2717.615+/-0.517 χ^2/NDF: 789463.8/20

In: 935.692+/-0.146 χ^2/NDF:5867889.7/31

Out: 953.280+/-0.142 χ^2/NDF:8384287.3/36

All: 944.701+/-0.102 χ^2/NDF: 14259609.1/68

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 367.224+/-1107.238 χ^2/NDF: 7.5/8

Left Out: 875.084+/-205.572 χ^2/NDF:55.1/24

Right Out: -1612.405+/-970.925 χ^2/NDF: 8.1/11

Left In: 41.523+/-210.209 χ^2/NDF:28.1/22

Left: 467.597+/-146.973 χ^2/NDF: 91.2/47

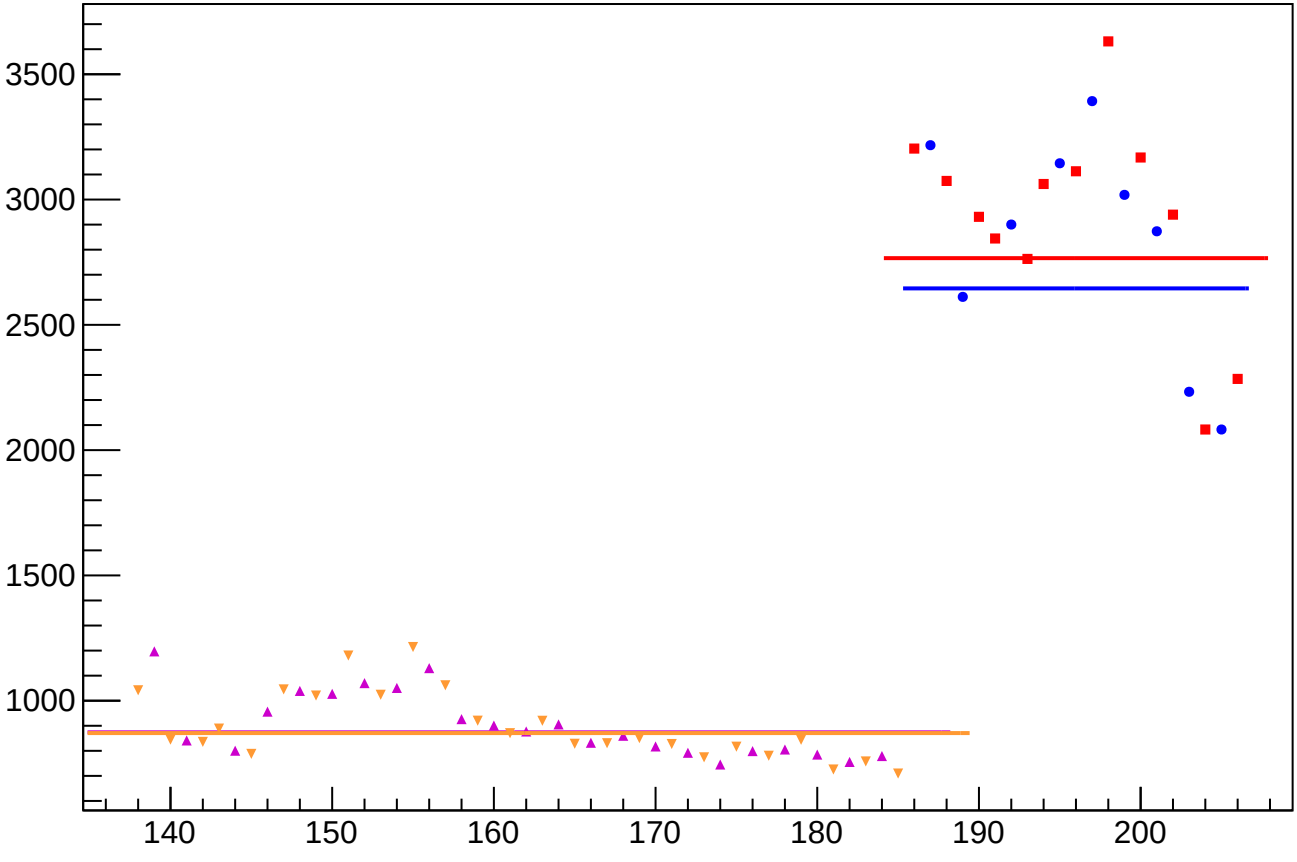
Right: -751.884+/-730.012 χ^2/NDF: 17.4/20

In: 52.854+/-206.520 χ^2/NDF:35.7/31

Out: 768.357+/-201.114 χ^2/NDF:69.4/36

All: 420.093+/-144.082 χ^2/NDF: 111.3/68

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 2645.432+/-0.783 χ^2/NDF: 340670.3/8

Left Out: 870.853+/-0.145 χ^2/NDF:651805.6/24

Right Out: 2766.147+/-0.687 χ^2/NDF: 446108.2/11

Left In: 873.902+/-0.149 χ^2/NDF:583344.5/22

Left: 872.344+/-0.104 χ^2/NDF: 1235365.2/47

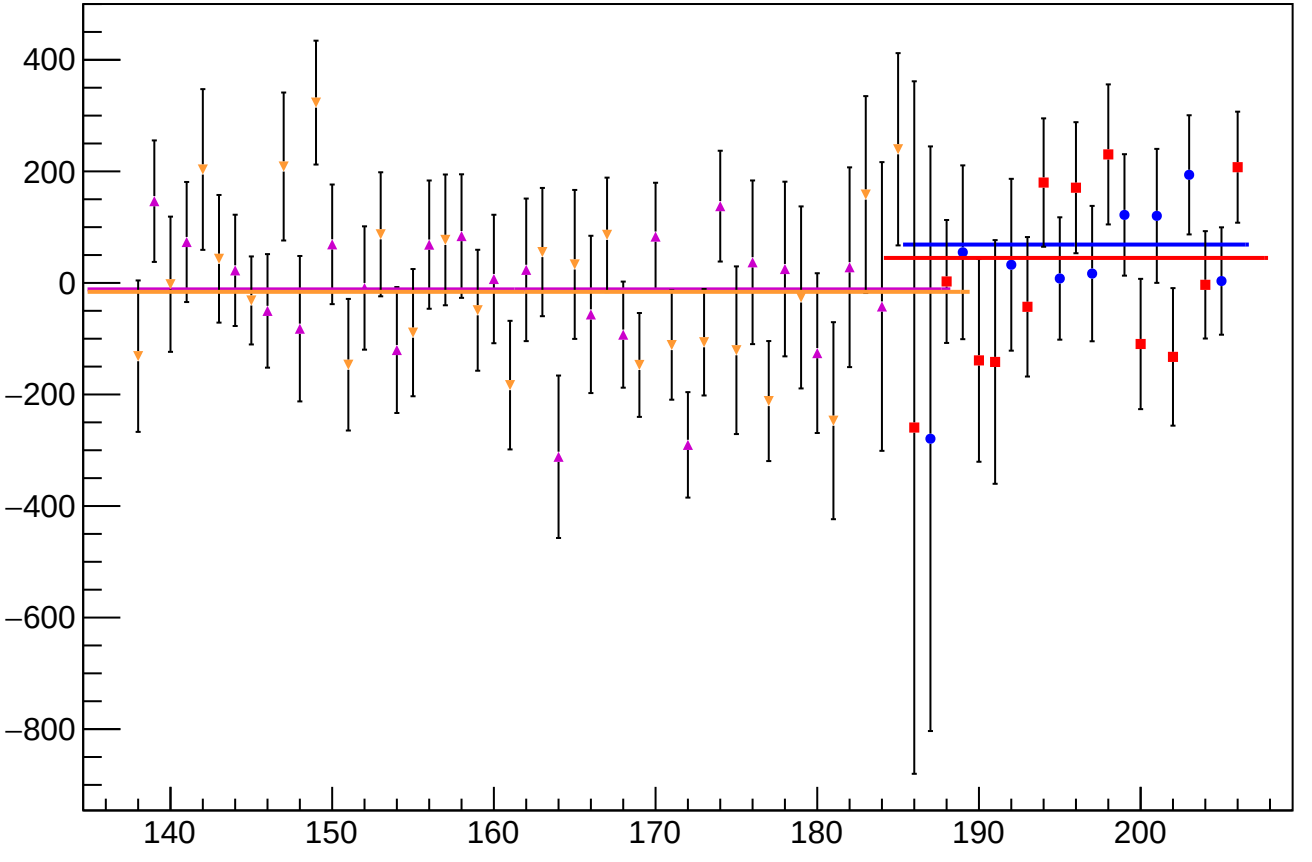
Right: 2713.674+/-0.516 χ^2/NDF: 800217.2/20

In: 935.532+/-0.146 χ^2/NDF:5865611.6/31

Out: 952.171+/-0.142 χ^2/NDF:8391931.9/36

All: 944.072+/-0.102 χ^2/NDF: 14264207.3/68

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 68.787+/-41.269 χ^2/NDF: 3.2/8

Left Out: -15.956+/-23.377 χ^2/NDF:34.9/24

Right Out: 44.806+/-36.289 χ^2/NDF: 14.1/11

Left In: -11.570+/-24.412 χ^2/NDF:24.0/22

Left: -13.858+/-16.884 χ^2/NDF: 58.9/47

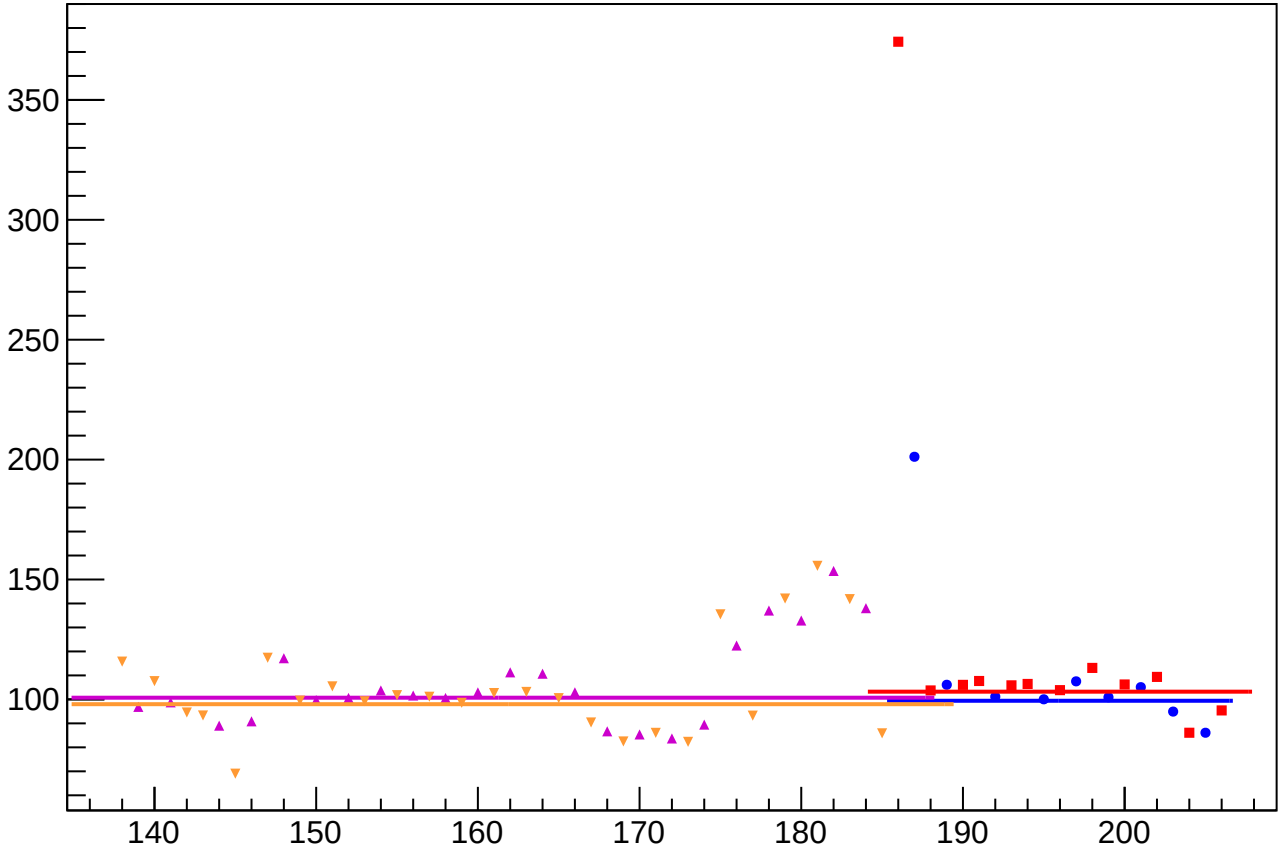
Right: 55.263+/-27.252 χ^2/NDF: 17.5/20

In: 9.259+/-21.011 χ^2/NDF:30.0/31

Out: 1.864+/-19.653 χ^2/NDF:51.0/36

All: 5.315+/-14.353 χ^2/NDF: 81.1/68

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 99.427+/-0.029 χ^2/NDF: 135036.6/8

Left Out: 98.001+/-0.017 χ^2/NDF:1155021.9/24

Right Out: 103.220+/-0.026 χ^2/NDF: 479552.7/11

Left In: 100.704+/-0.017 χ^2/NDF:759922.8/22

Left: 99.294+/-0.012 χ^2/NDF: 1927728.9/47

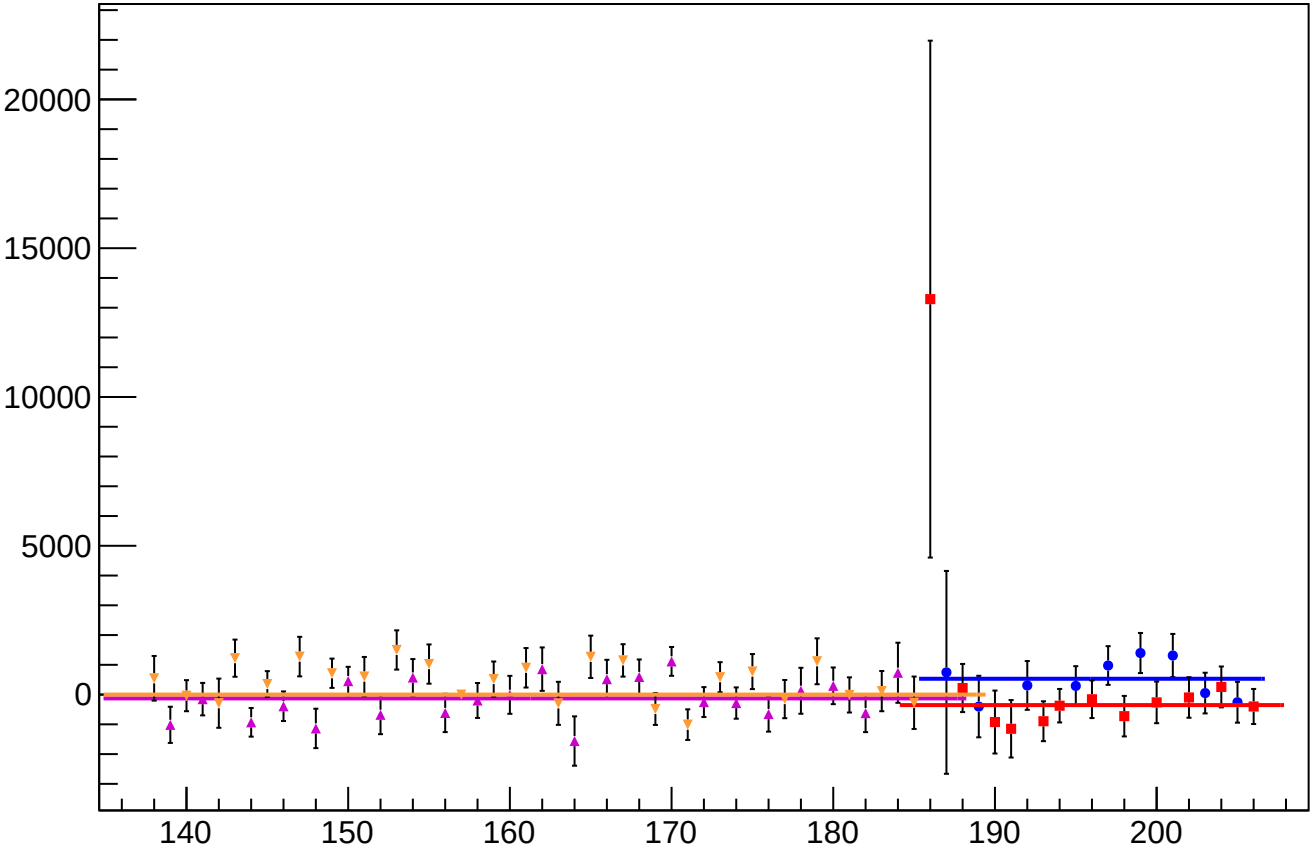
Right: 101.566+/-0.019 χ^2/NDF: 624116.7/20

In: 100.373+/-0.015 χ^2/NDF:896377.3/31

Out: 99.532+/-0.014 χ^2/NDF:1663804.6/36

All: 99.924+/-0.010 χ^2/NDF: 2561890.5/68

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 531.506+/-253.959 χ^2/NDF: 6.1/8

Left Out: -0.000+/-0.000 χ^2/NDF:39.9/24

Right Out: -353.081+/-209.636 χ^2/NDF: 5.9/11

Left In: -129.094+/-124.247 χ^2/NDF:28.3/22

Left: -0.000+/-0.000 χ^2/NDF: 69.3/47

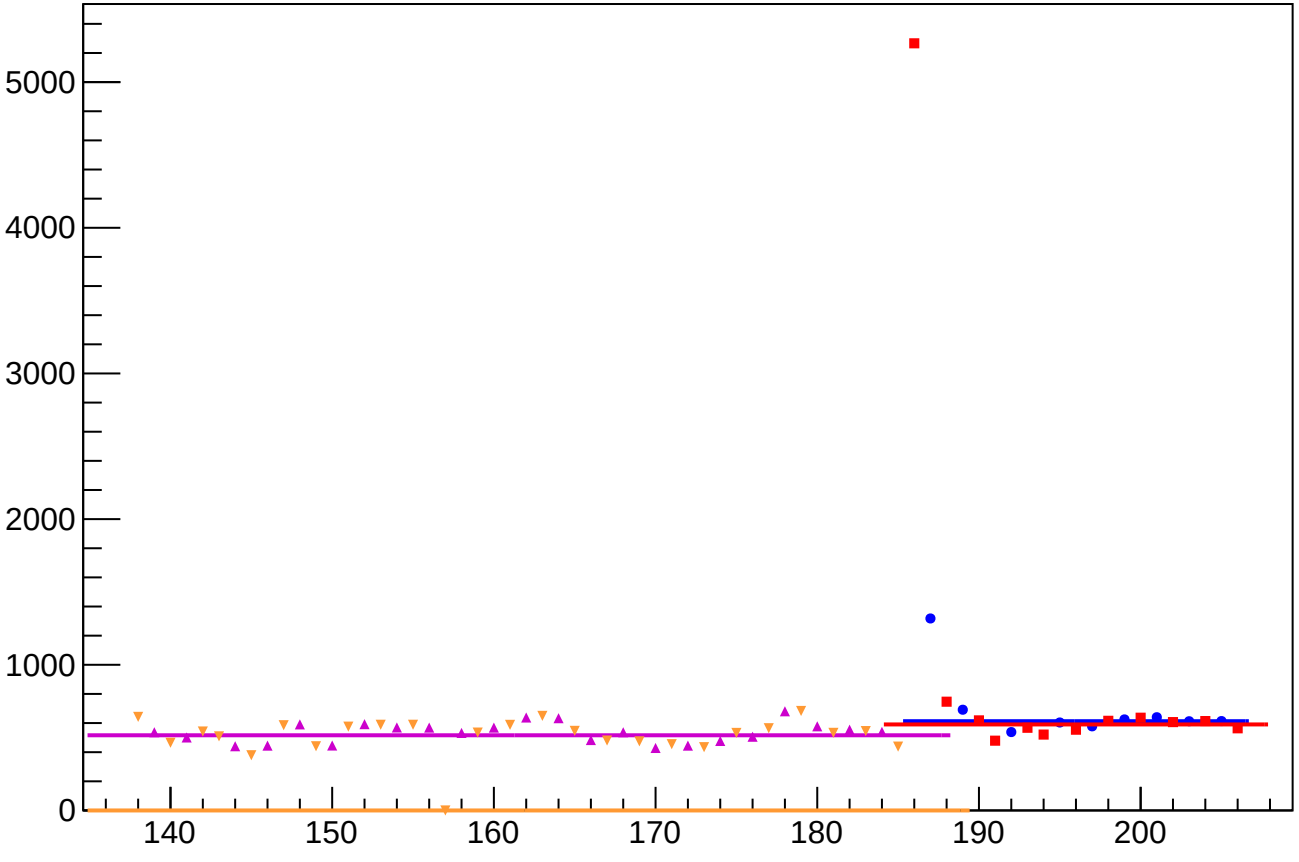
Right: 5.406+/-161.670 χ^2/NDF: 19.3/20

In: -1.513+/-111.606 χ^2/NDF:39.9/31

Out: -0.000+/-0.000 χ^2/NDF:48.6/36

All: -0.000+/-0.000 χ^2/NDF: 88.5/68

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 612.738+/-0.180 χ^2/NDF: 123538.5/8

Left Out: 0.000+/-0.000 χ^2/NDF:34974091.9/24

Right Out: 590.514+/-0.148 χ^2/NDF: 740575.4/11

Left In: 516.120+/-0.088 χ^2/NDF:571744.7/22

Left: 0.000+/-0.000 χ^2/NDF: 70057167.0/47

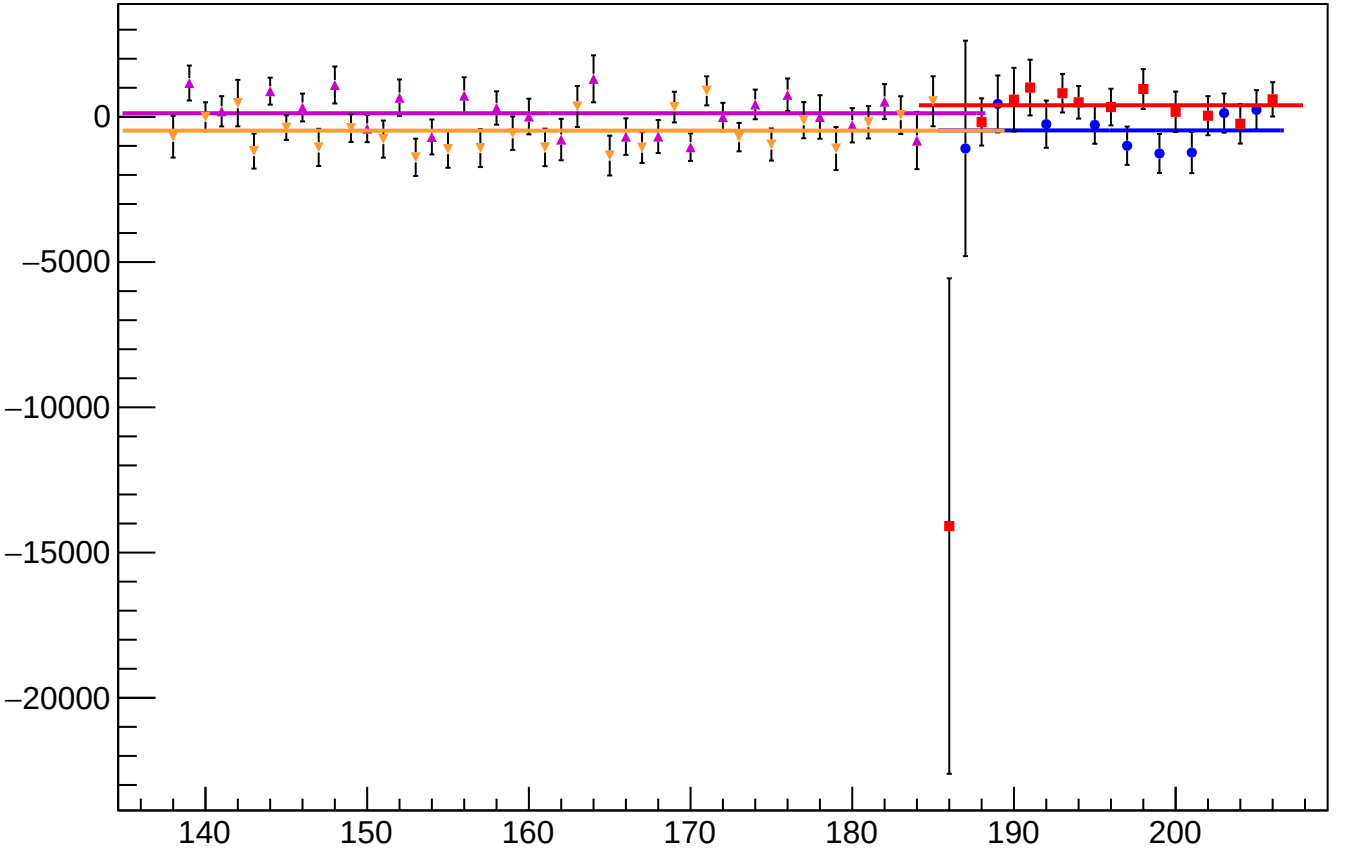
Right: 599.521+/-0.114 χ^2/NDF: 873222.9/20

In: 534.780+/-0.079 χ^2/NDF:928857.3/31

Out: 0.000+/-0.000 χ^2/NDF:51583963.5/36

All: 0.000+/-0.000 χ^2/NDF: 98433227.5/68

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: -466.769+/-250.971 χ^2/NDF: 6.1/8

Left Out: -473.870+/-117.977 χ^2/NDF:27.9/24

Right Out: 398.504+/-209.252 χ^2/NDF: 6.3/11

Left In: 124.022+/-120.216 χ^2/NDF:30.2/22

Left: -180.543+/-84.203 χ^2/NDF: 70.7/47

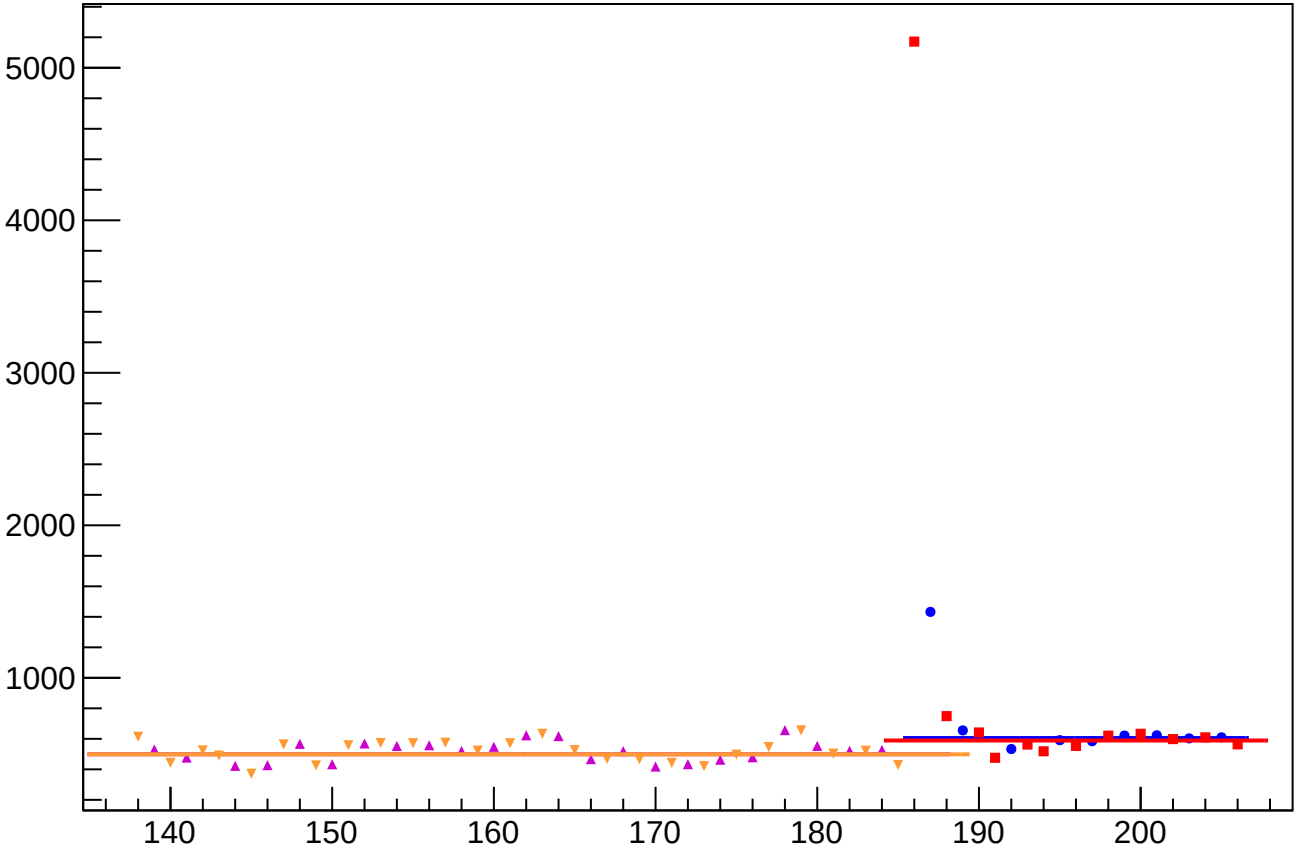
Right: 43.665+/-160.717 χ^2/NDF: 19.4/20

In: 13.766+/-108.420 χ^2/NDF:40.8/31

Out: -263.451+/-102.769 χ^2/NDF:47.4/36

All: -132.255+/-74.586 χ^2/NDF: 91.6/68

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 605.202+/-0.177 χ^2/NDF: 125893.2/8

Left Out: 498.662+/-0.083 χ^2/NDF:734652.4/24

Right Out: 589.198+/-0.148 χ^2/NDF: 746757.5/11

Left In: 498.835+/-0.085 χ^2/NDF:572334.3/22

Left: 498.747+/-0.060 χ^2/NDF: 1306988.8/47

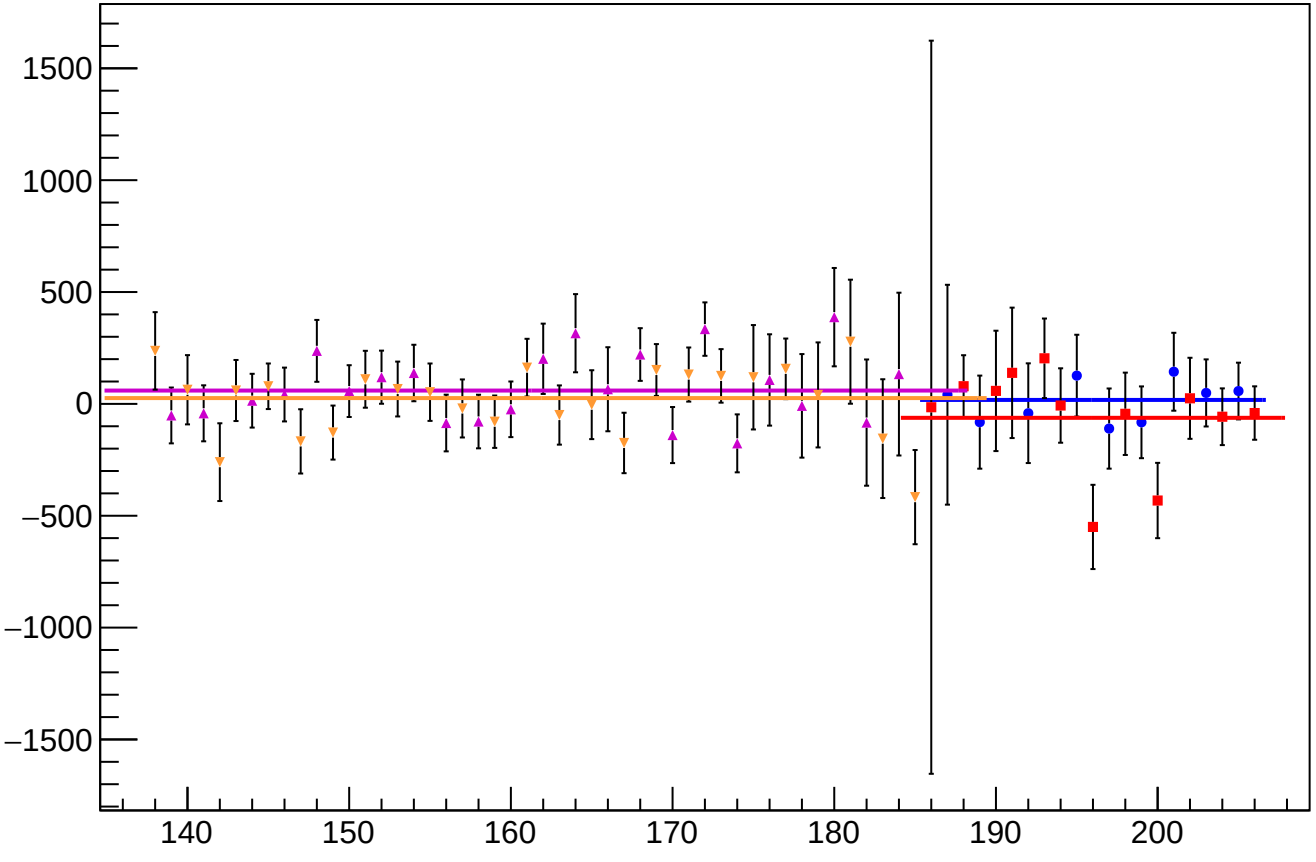
Right: 595.761+/-0.114 χ^2/NDF: 877448.3/20

In: 518.685+/-0.077 χ^2/NDF:990431.3/31

Out: 520.500+/-0.073 χ^2/NDF:1765497.1/36

All: 519.641+/-0.053 χ^2/NDF: 2756223.4/68

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 17.695+/-59.030 χ^2/NDF: 2.2/8

Left Out: 25.940+/-28.120 χ^2/NDF:22.7/24

Right Out: -62.265+/-49.894 χ^2/NDF: 15.9/11

Left In: 59.603+/-29.184 χ^2/NDF:25.6/22

Left: 42.147+/-20.250 χ^2/NDF: 49.0/47

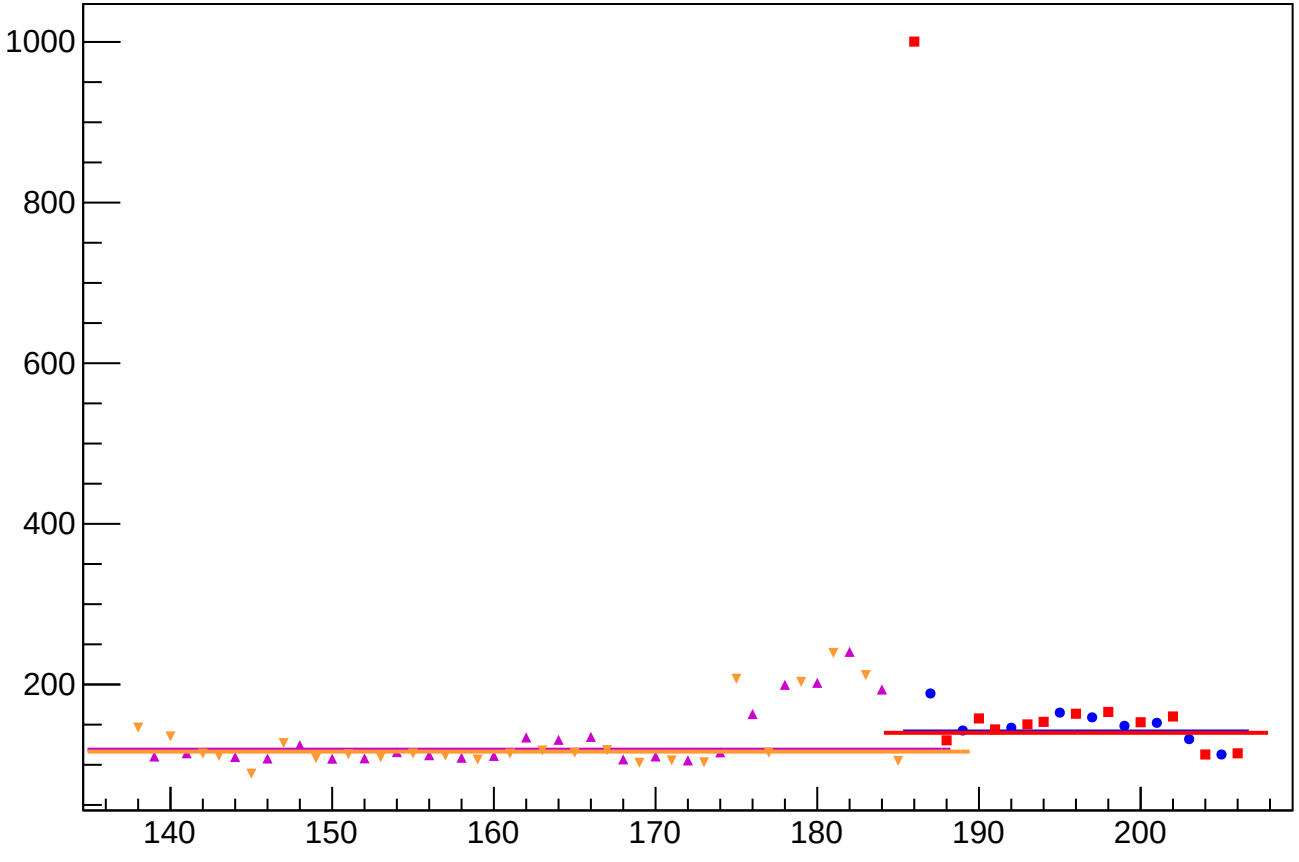
Right: -28.945+/-38.106 χ^2/NDF: 19.2/20

In: 51.372+/-26.161 χ^2/NDF:28.3/31

Out: 4.676+/-24.497 χ^2/NDF:40.9/36

All: 26.492+/-17.882 χ^2/NDF: 70.9/68

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 141.453+/-0.042 χ^2/NDF: 193613.7/8

Left Out: 116.427+/-0.020 χ^2/NDF:1589669.4/24

Right Out: 139.838+/-0.035 χ^2/NDF: 881887.2/11

Left In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

Left: 117.580+/-0.014 χ^2/NDF: 2885830.3/47

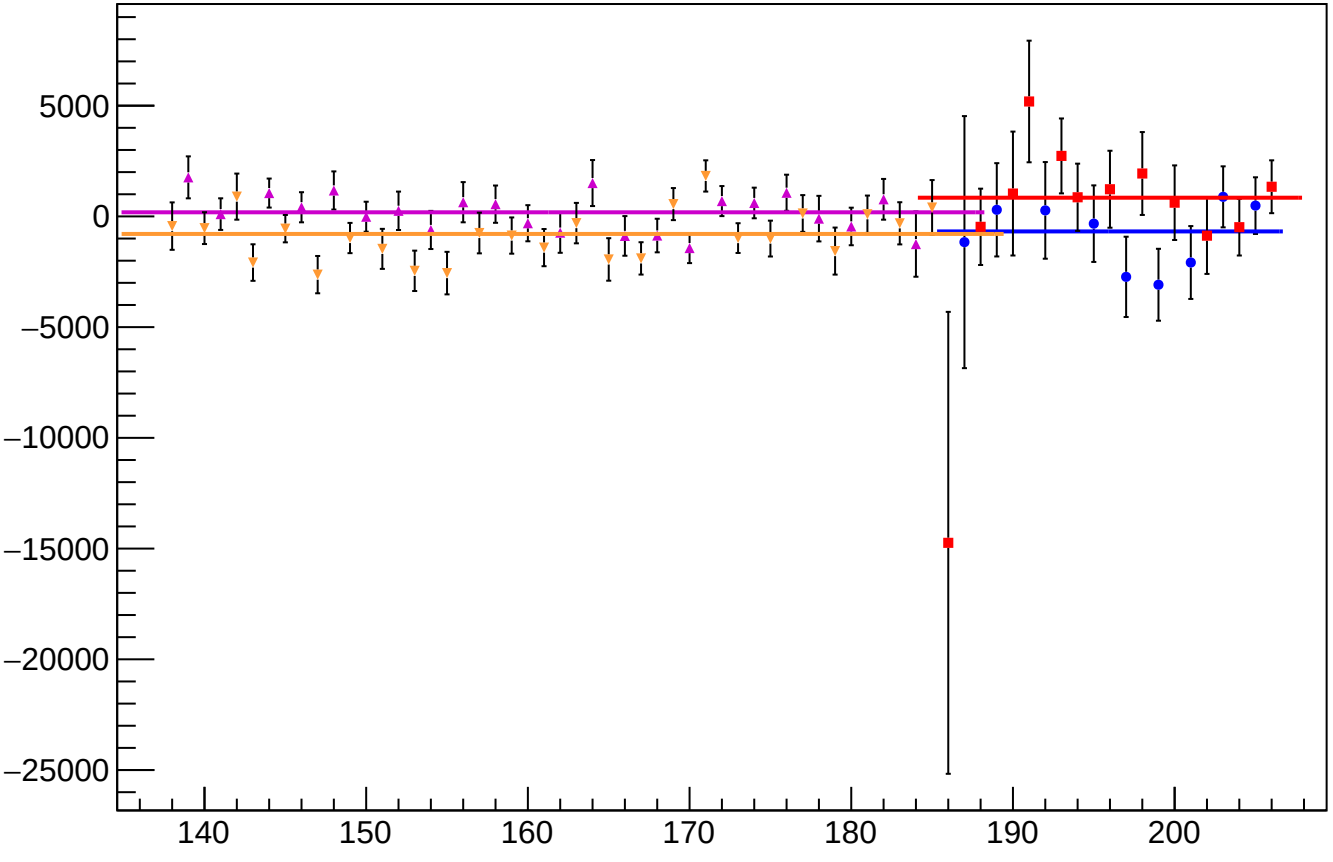
Right: 140.511+/-0.027 χ^2/NDF: 1076374.2/20

In: 123.267+/-0.018 χ^2/NDF:1719010.2/31

Out: 122.071+/-0.017 χ^2/NDF:2805712.8/36

All: 122.630+/-0.013 χ^2/NDF: 4526949.6/68

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: -678.061+/-578.120 χ^2/NDF: 6.8/8

Left Out: -791.963+/-165.971 χ^2/NDF:43.6/24

Right Out: 844.325+/-499.491 χ^2/NDF: 9.2/11

Left In: 185.191+/-169.174 χ^2/NDF:23.4/22

Left: -312.725+/-118.475 χ^2/NDF: 84.0/47

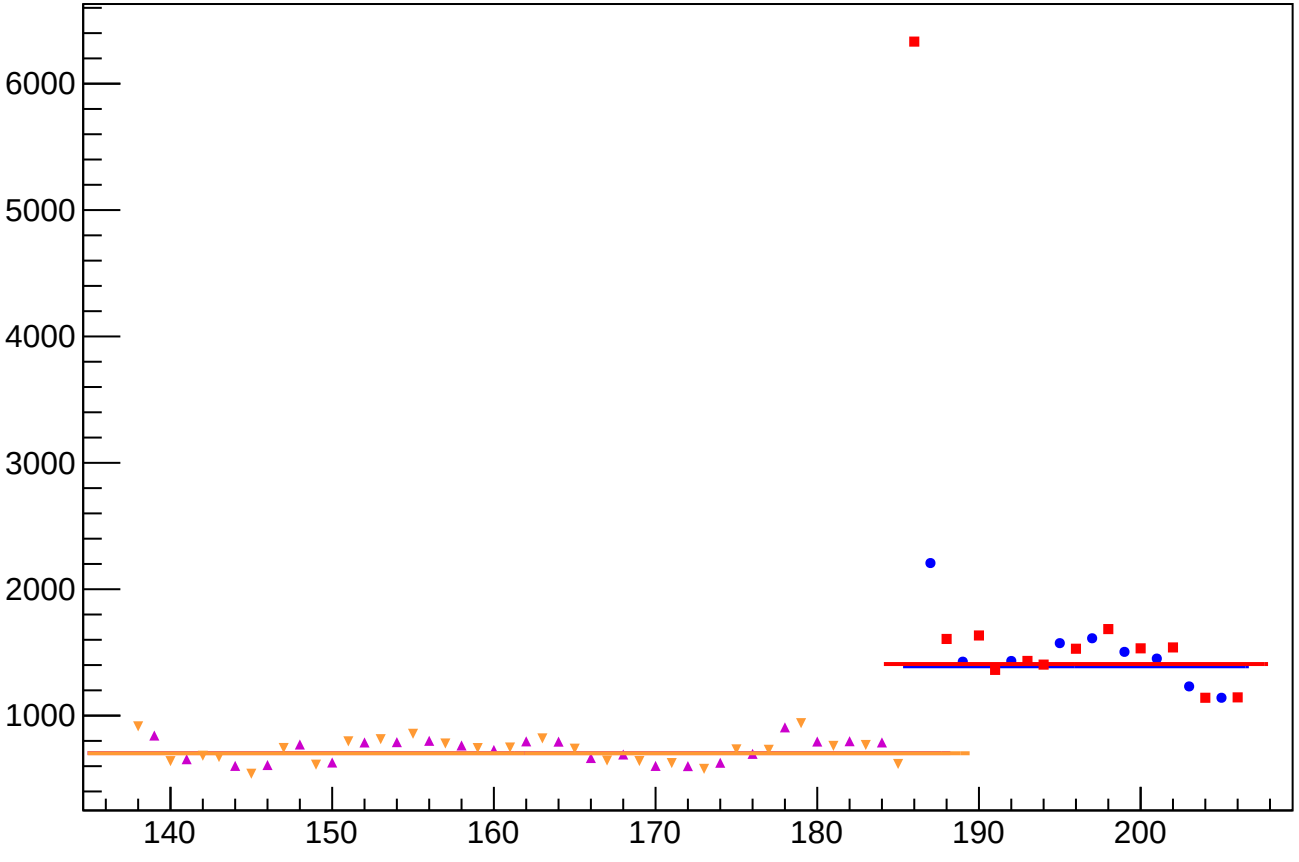
Right: 193.626+/-377.960 χ^2/NDF: 20.0/20

In: 117.100+/-162.365 χ^2/NDF:32.3/31

Out: -629.264+/-157.503 χ^2/NDF:62.5/36

All: -267.424+/-113.051 χ^2/NDF: 105.6/68

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 1390.576+/-0.409 χ^2/NDF: 210108.7/8

Left Out: 702.152+/-0.117 χ^2/NDF:691552.2/24

Right Out: 1408.126+/-0.353 χ^2/NDF: 747175.4/11

Left In: 703.710+/-0.120 χ^2/NDF:533573.3/22

Left: 702.916+/-0.084 χ^2/NDF: 1225211.9/47

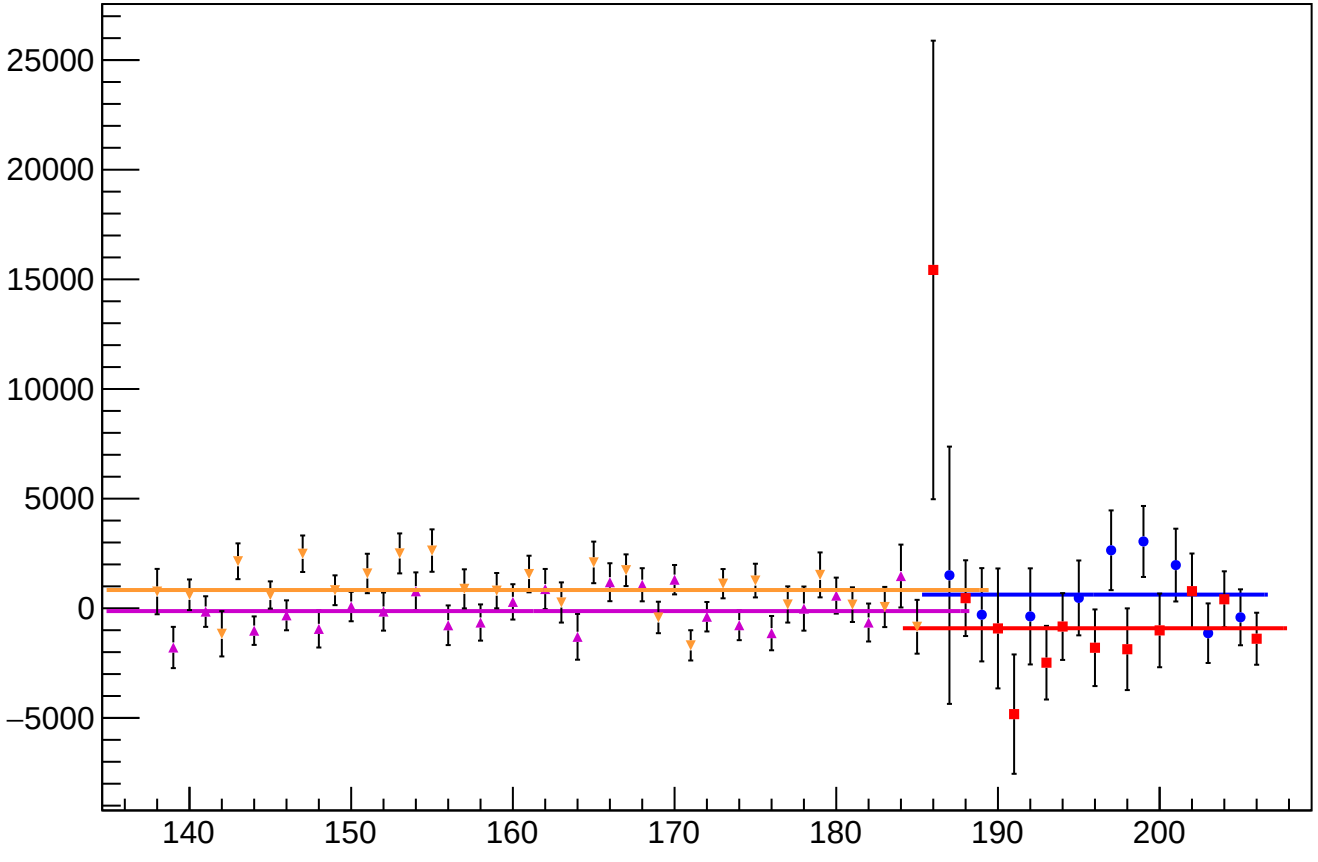
Right: 1400.625+/-0.267 χ^2/NDF: 958339.4/20

In: 757.888+/-0.115 χ^2/NDF:3344177.9/31

Out: 772.348+/-0.111 χ^2/NDF:5036792.1/36

All: 765.338+/-0.080 χ^2/NDF: 8389143.0/68

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 623.151+/-576.804 χ^2/NDF: 6.9/8

Left Out: 832.553+/-163.428 χ^2/NDF:43.8/24

Right Out: -910.339+/-497.945 χ^2/NDF: 8.8/11

Left In: -128.120+/-166.866 χ^2/NDF:25.3/22

Left: 362.214+/-116.758 χ^2/NDF: 86.0/47

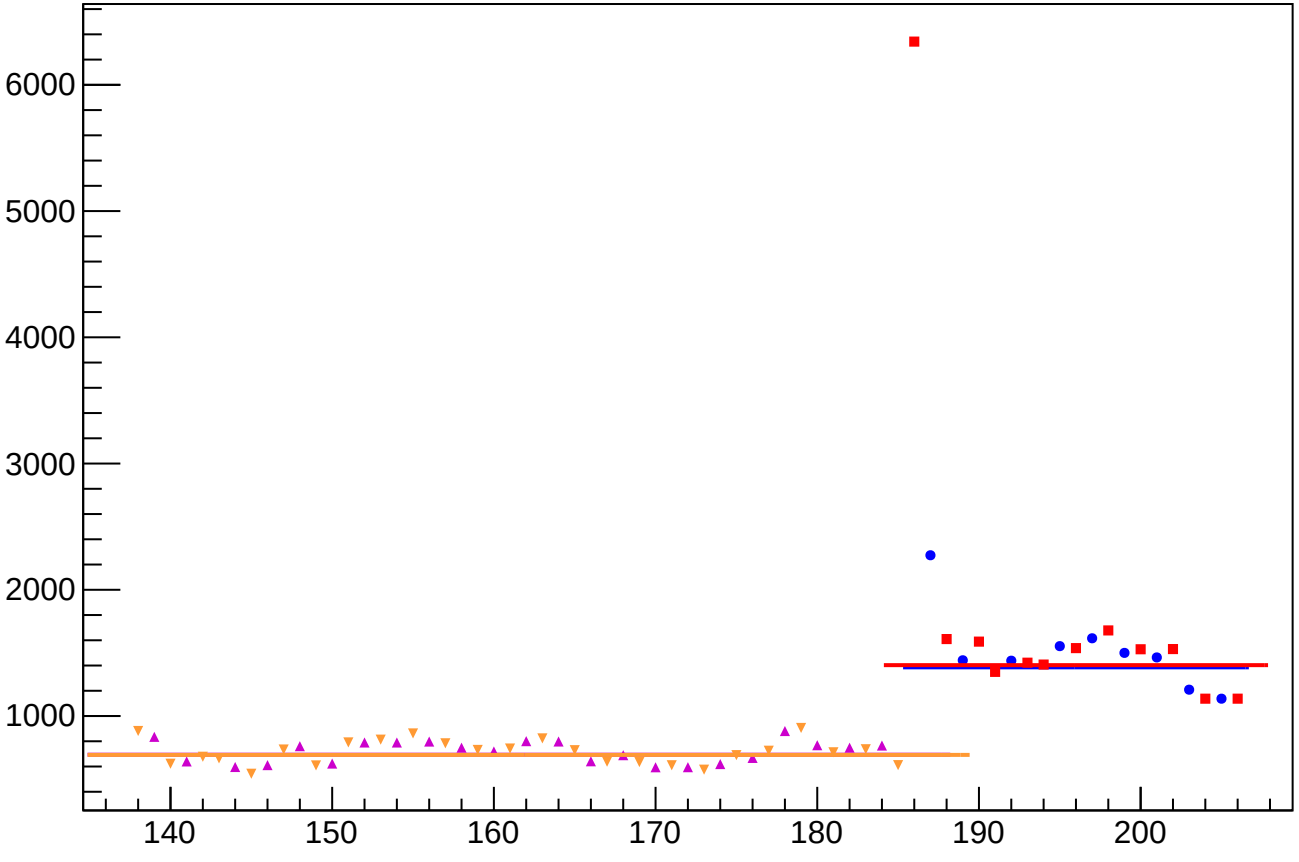
Right: -255.510+/-376.922 χ^2/NDF: 19.7/20

In: -70.101+/-160.293 χ^2/NDF:33.7/31

Out: 663.068+/-155.279 χ^2/NDF:63.6/36

All: 308.130+/-111.529 χ^2/NDF: 108.2/68

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 1385.648+/-0.408 χ^2/NDF: 224065.0/8

Left Out: 692.071+/-0.116 χ^2/NDF:657636.6/24

Right Out: 1403.028+/-0.352 χ^2/NDF: 750101.3/11

Left In: 693.615+/-0.118 χ^2/NDF:520692.6/22

Left: 692.827+/-0.083 χ^2/NDF: 1178416.7/47

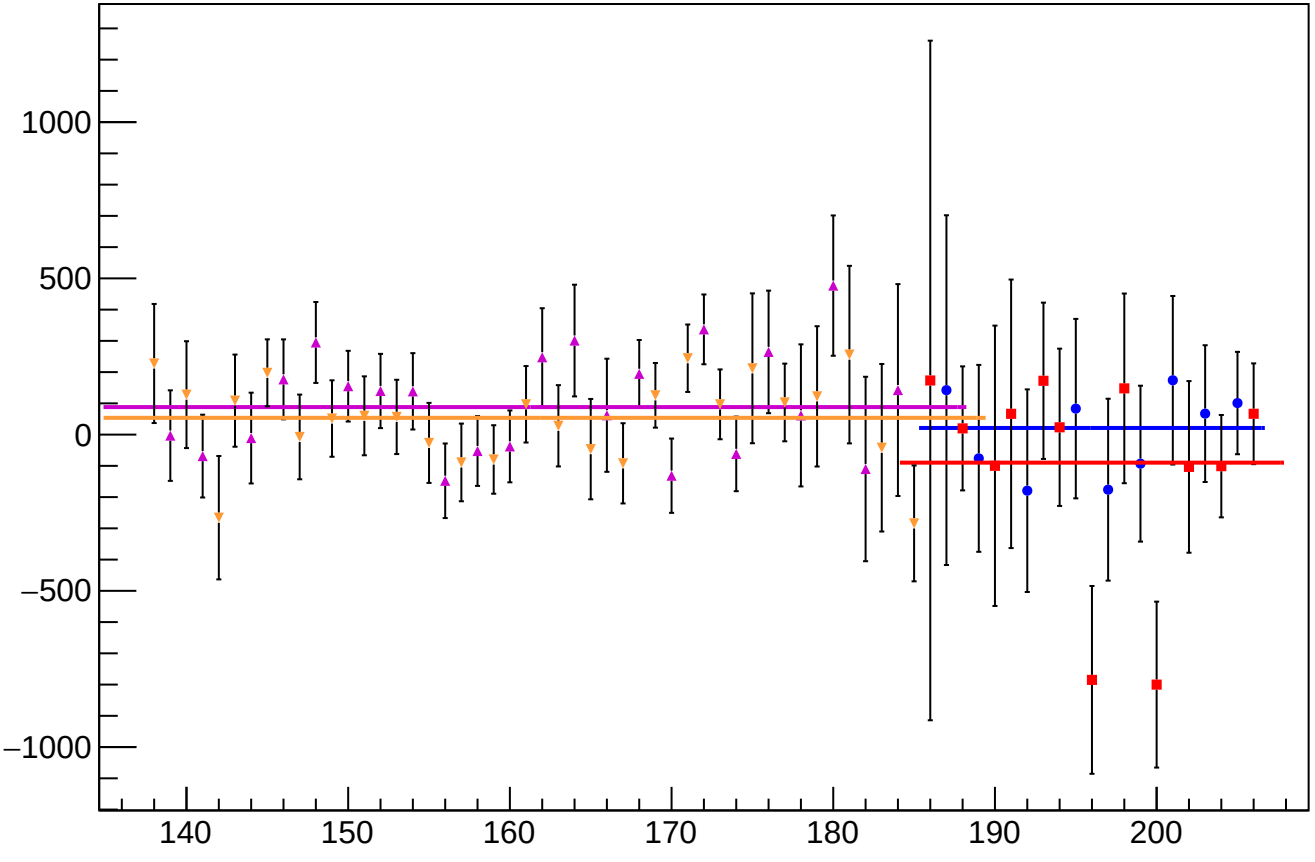
Right: 1395.606+/-0.267 χ^2/NDF: 975206.7/20

In: 747.059+/-0.113 χ^2/NDF:3401331.6/31

Out: 761.207+/-0.110 χ^2/NDF:5088390.3/36

All: 754.358+/-0.079 χ^2/NDF: 8497758.9/68

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 21.290+/-85.820 χ^2/NDF: 1.9/8

Left Out: 53.701+/-27.462 χ^2/NDF:19.2/24

Right Out: -89.712+/-71.889 χ^2/NDF: 15.9/11

Left In: 88.085+/-28.764 χ^2/NDF:30.4/22

Left: 70.097+/-19.863 χ^2/NDF: 50.3/47

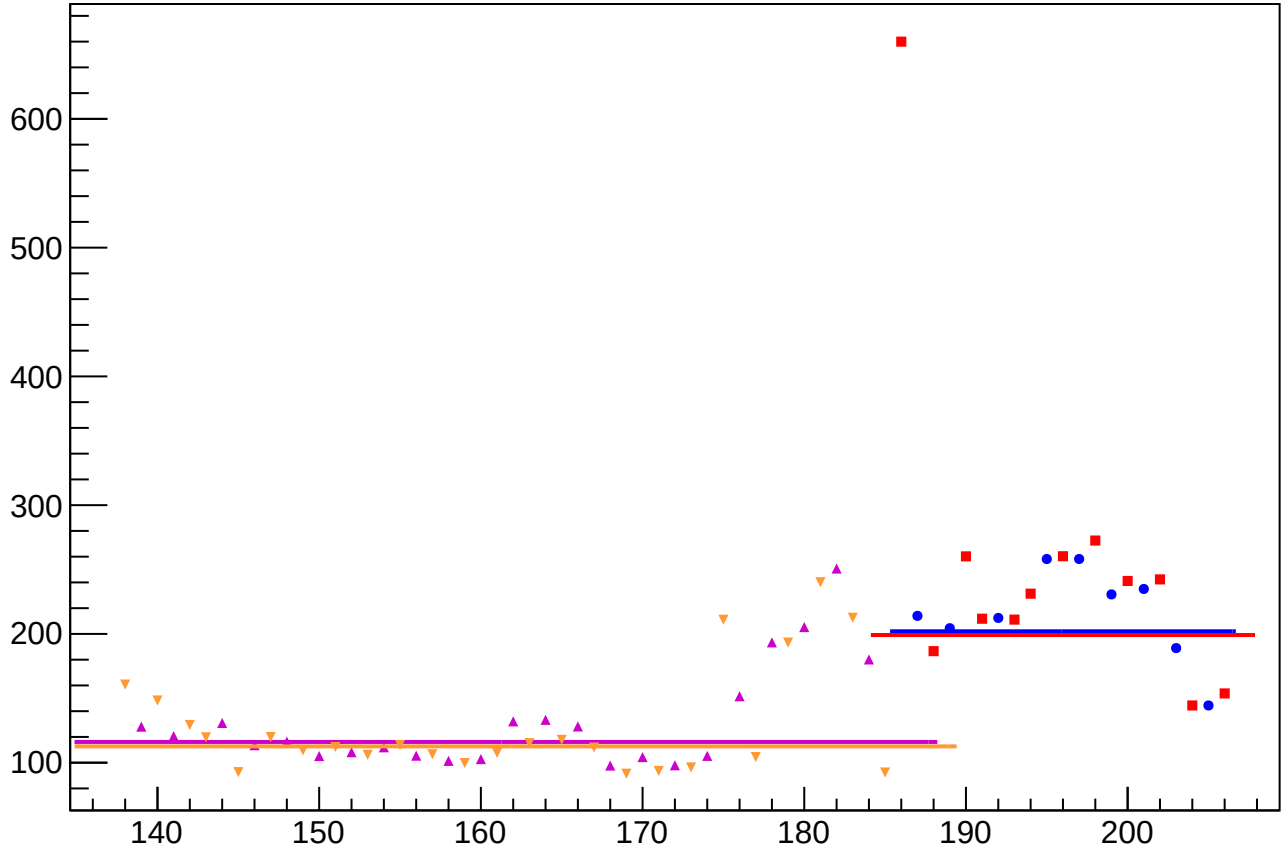
Right: -43.941+/-55.109 χ^2/NDF: 18.7/20

In: 81.339+/-27.273 χ^2/NDF:32.8/31

Out: 35.438+/-25.654 χ^2/NDF:38.6/36

All: 56.986+/-18.686 χ^2/NDF: 72.8/68

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 202.050+/-0.061 χ^2/NDF: 464408.5/8

Left Out: 112.668+/-0.019 χ^2/NDF:1851455.7/24

Right Out: 199.148+/-0.051 χ^2/NDF: 1123742.4/11

Left In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

Left: 114.308+/-0.014 χ^2/NDF: 3305297.3/47

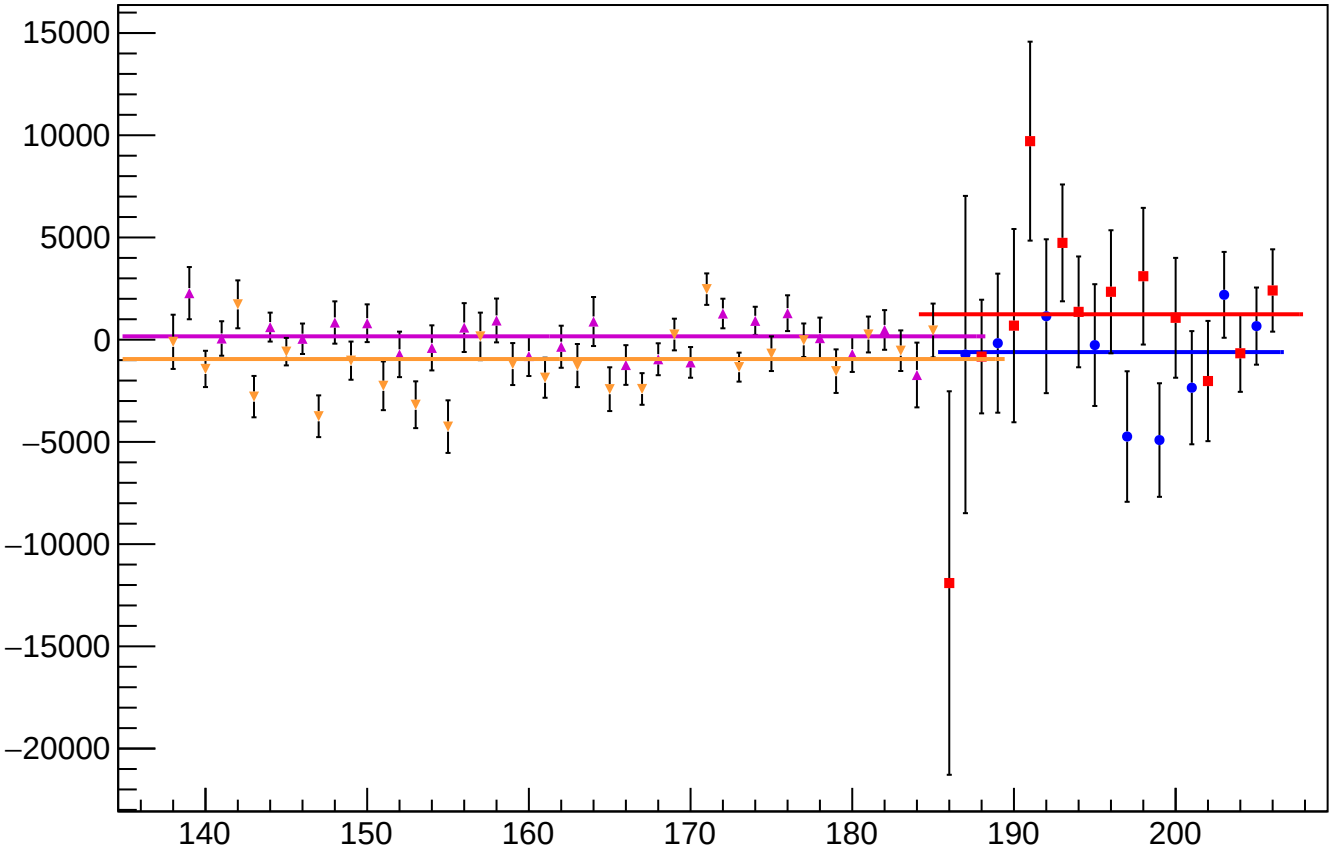
Right: 200.345+/-0.039 χ^2/NDF: 1589494.3/20

In: 124.787+/-0.019 χ^2/NDF:3706421.8/31

Out: 123.681+/-0.018 χ^2/NDF:5500914.2/36

All: 124.200+/-0.013 χ^2/NDF: 9209081.0/68

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: -606.216+/-931.587 χ^2/NDF: 6.9/8

Left Out: -946.412+/-188.668 χ^2/NDF:63.3/24

Right Out: 1243.606+/-831.708 χ^2/NDF: 10.1/11

Left In: 164.202+/-191.131 χ^2/NDF:22.0/22

Left: -398.306+/-134.271 χ^2/NDF: 102.4/47

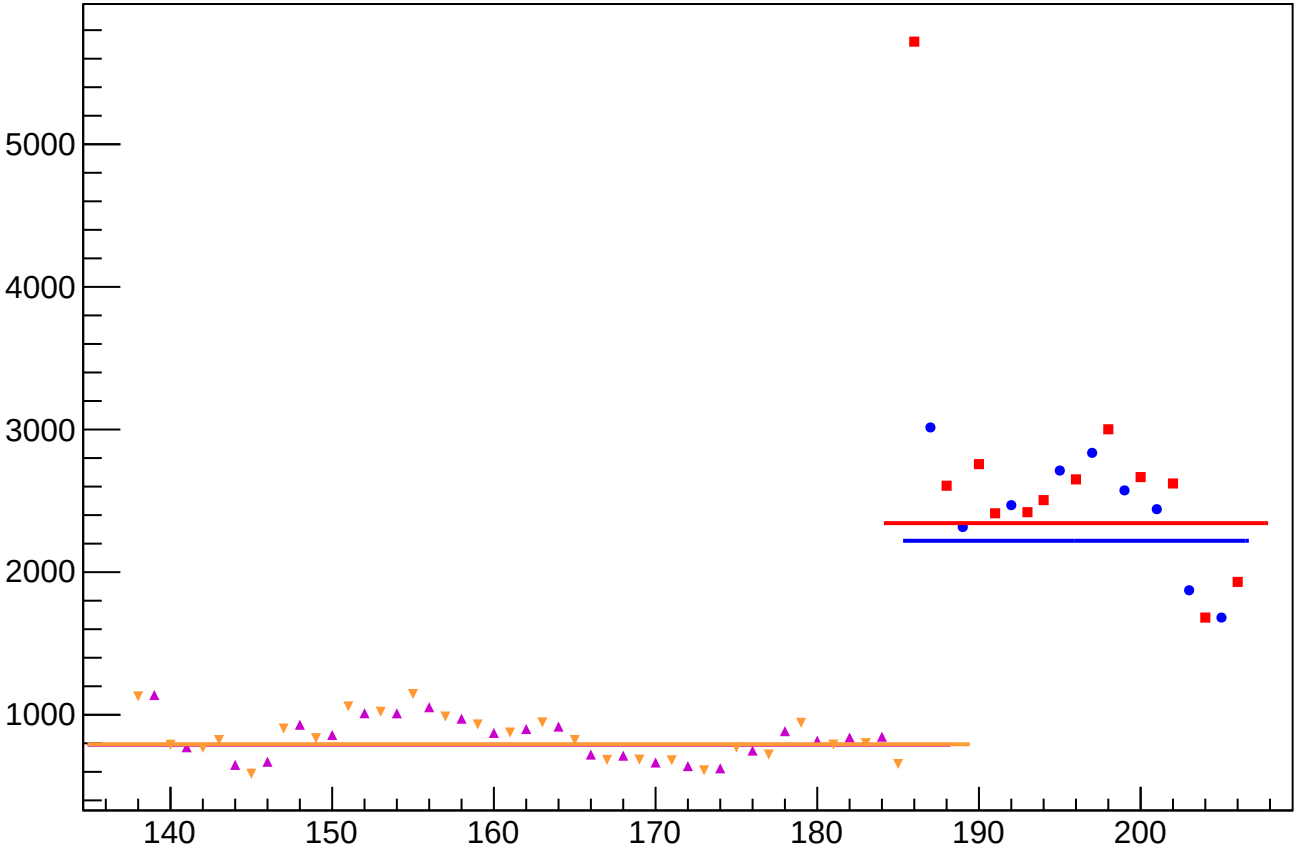
Right: 423.140+/-620.424 χ^2/NDF: 19.2/20

In: 133.082+/-187.231 χ^2/NDF:29.6/31

Out: -839.233+/-183.994 χ^2/NDF:80.0/36

All: -361.554+/-131.233 χ^2/NDF: 123.4/68

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 2219.978+/-0.659 χ^2/NDF: 423242.0/8

Left Out: 793.154+/-0.133 χ^2/NDF:1158856.1/24

Right Out: 2343.792+/-0.588 χ^2/NDF: 771552.6/11

Left In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

Left: 791.449+/-0.095 χ^2/NDF: 2179146.2/47

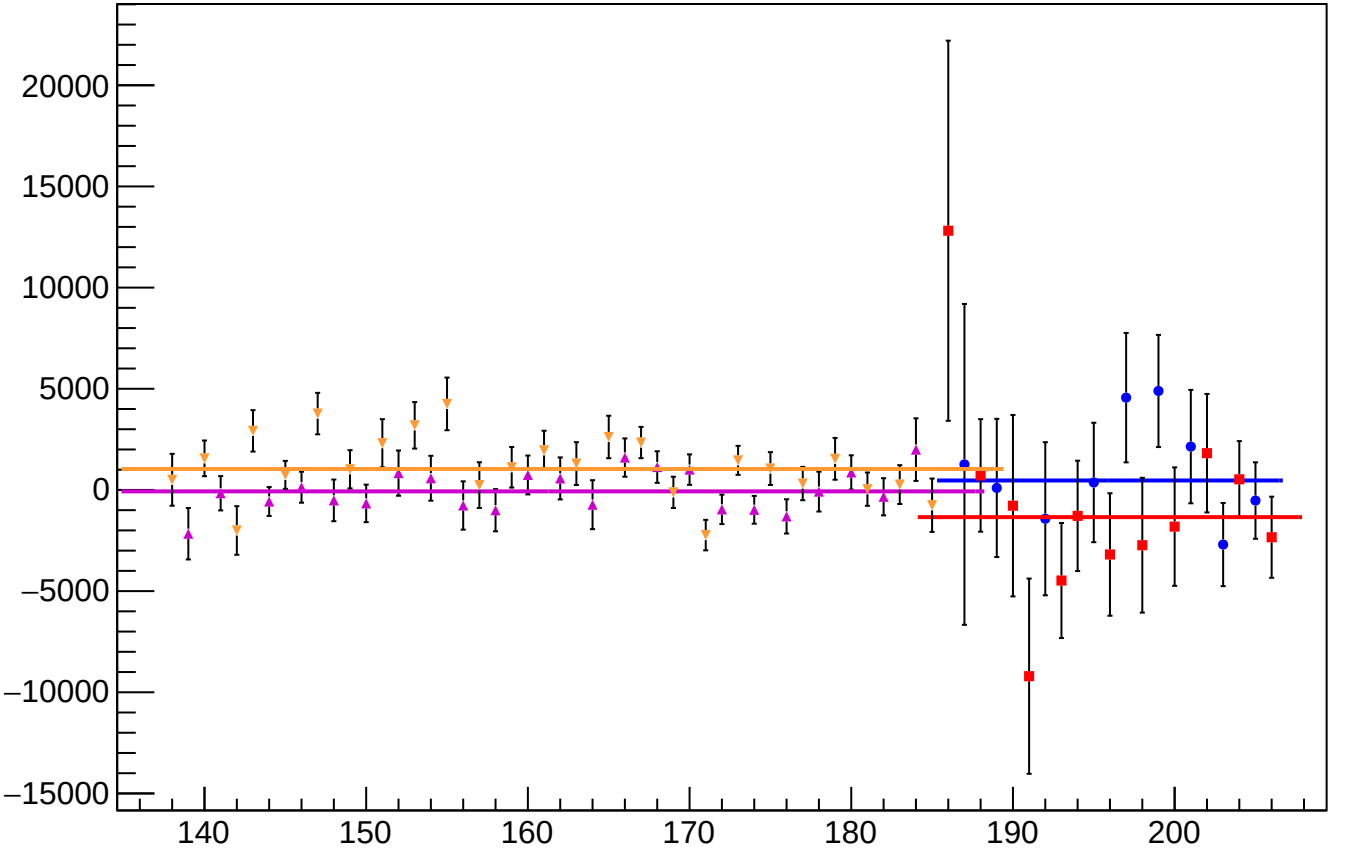
Right: 2288.876+/-0.439 χ^2/NDF: 1214453.3/20

In: 847.473+/-0.132 χ^2/NDF:5967158.3/31

Out: 869.043+/-0.130 χ^2/NDF:8542166.2/36

All: 858.446+/-0.093 χ^2/NDF: 14522828.3/68

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 467.404+/-929.099 χ^2/NDF: 7.5/8

Left Out: 1035.605+/-187.244 χ^2/NDF:61.4/24

Right Out: -1343.389+/-829.497 χ^2/NDF: 9.7/11

Left In: -70.852+/-190.155 χ^2/NDF:23.4/22

Left: 490.913+/-133.419 χ^2/NDF: 101.9/47

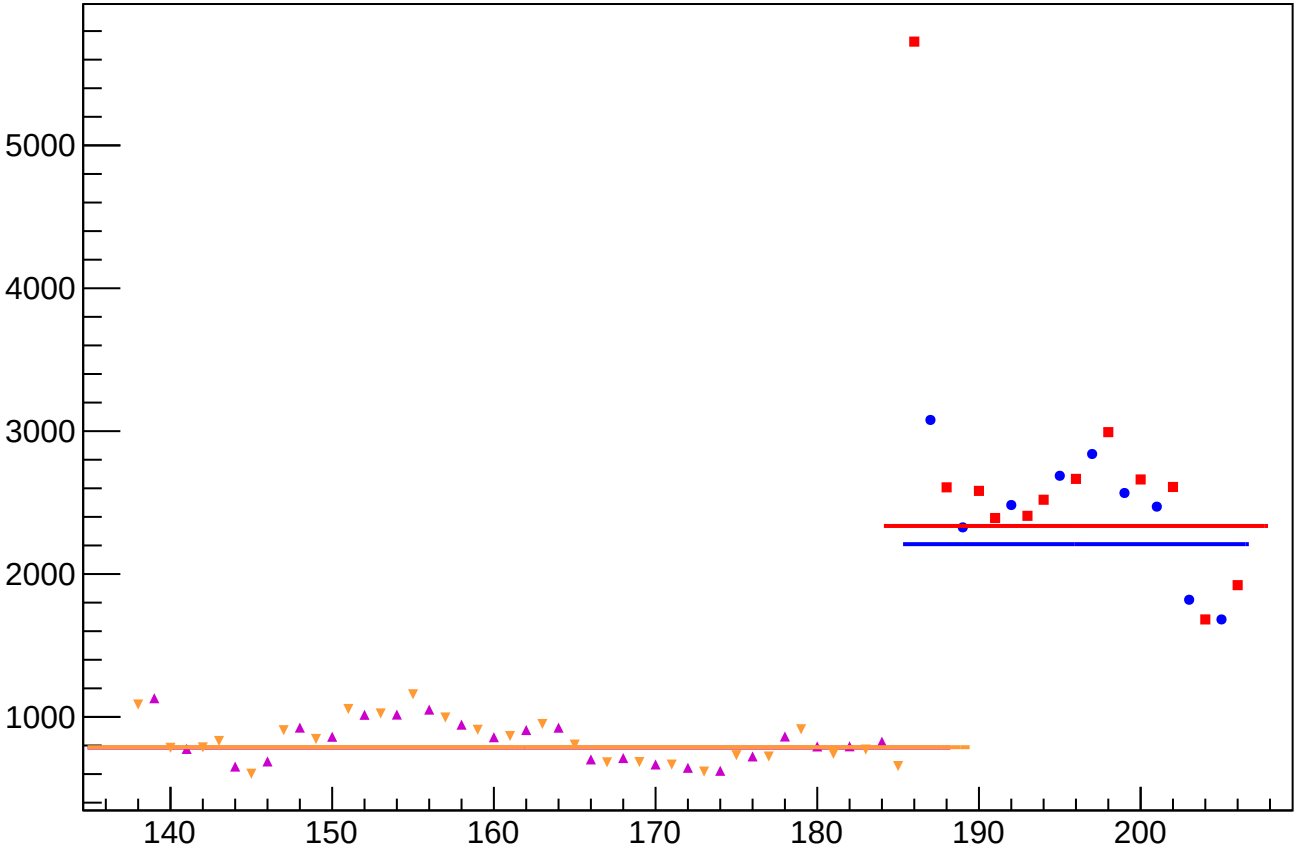
Right: -540.223+/-618.772 χ^2/NDF: 19.2/20

In: -49.211+/-186.294 χ^2/NDF:31.2/31

Out: 920.261+/-182.648 χ^2/NDF:78.9/36

All: 445.104+/-130.421 χ^2/NDF: 123.8/68

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 2209.160+/-0.657 χ^2/NDF: 445497.3/8

Left Out: 787.981+/-0.132 χ^2/NDF:1113986.0/24

Right Out: 2336.470+/-0.587 χ^2/NDF: 764646.3/11

Left In: 785.179+/-0.134 χ^2/NDF:976942.0/22

Left: 786.602+/-0.094 χ^2/NDF: 2091148.6/47

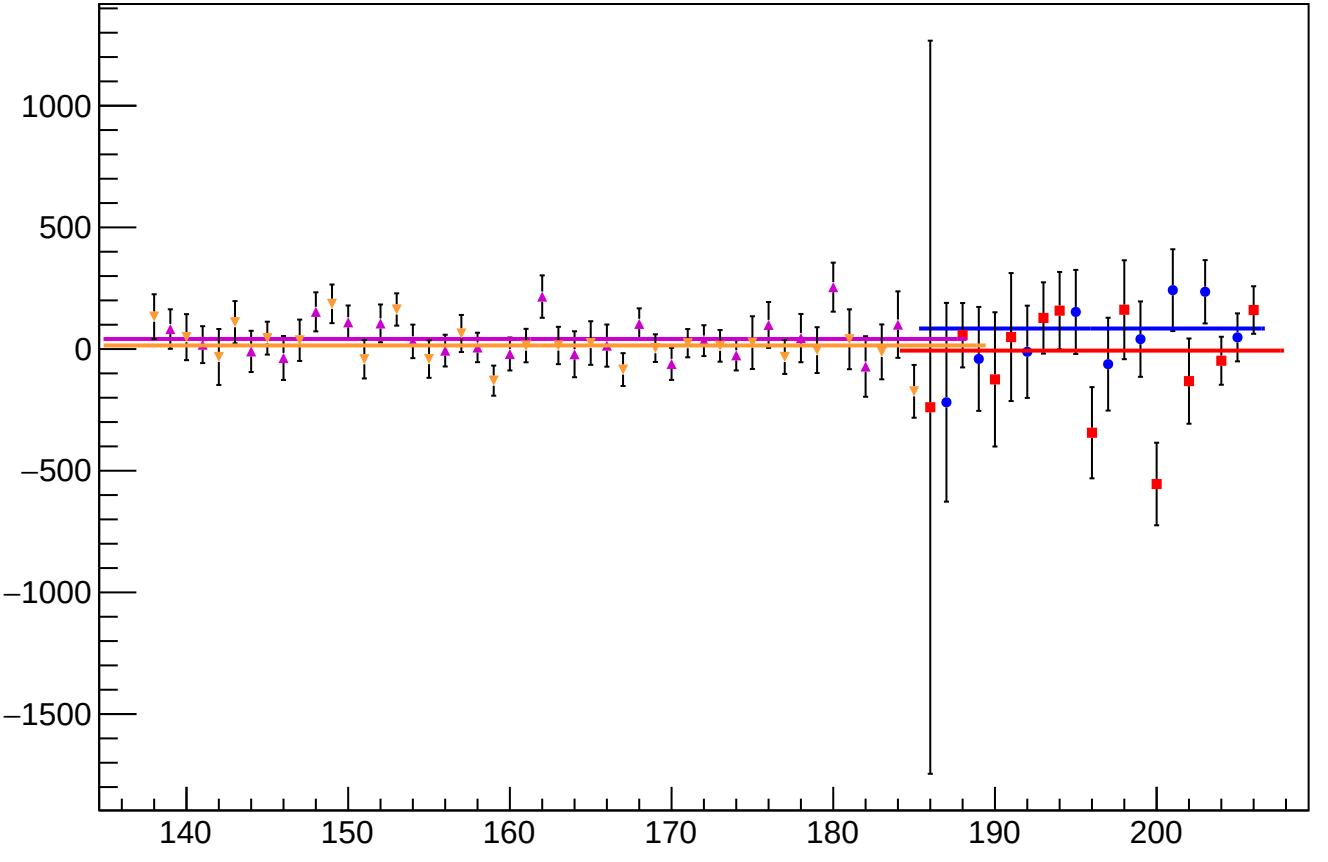
Right: 2280.002+/-0.438 χ^2/NDF: 1231039.6/20

In: 842.429+/-0.132 χ^2/NDF:5931571.2/31

Out: 863.058+/-0.129 χ^2/NDF:8510450.2/36

All: 852.947+/-0.092 χ^2/NDF: 14454526.1/68

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 84.388+/-53.015 χ^2/NDF: 4.3/8

Left Out: 14.879+/-15.529 χ^2/NDF:25.8/24

Right Out: -6.350+/-44.763 χ^2/NDF: 20.4/11

Left In: 41.428+/-16.130 χ^2/NDF:21.7/22

Left: 27.650+/-11.187 χ^2/NDF: 48.9/47

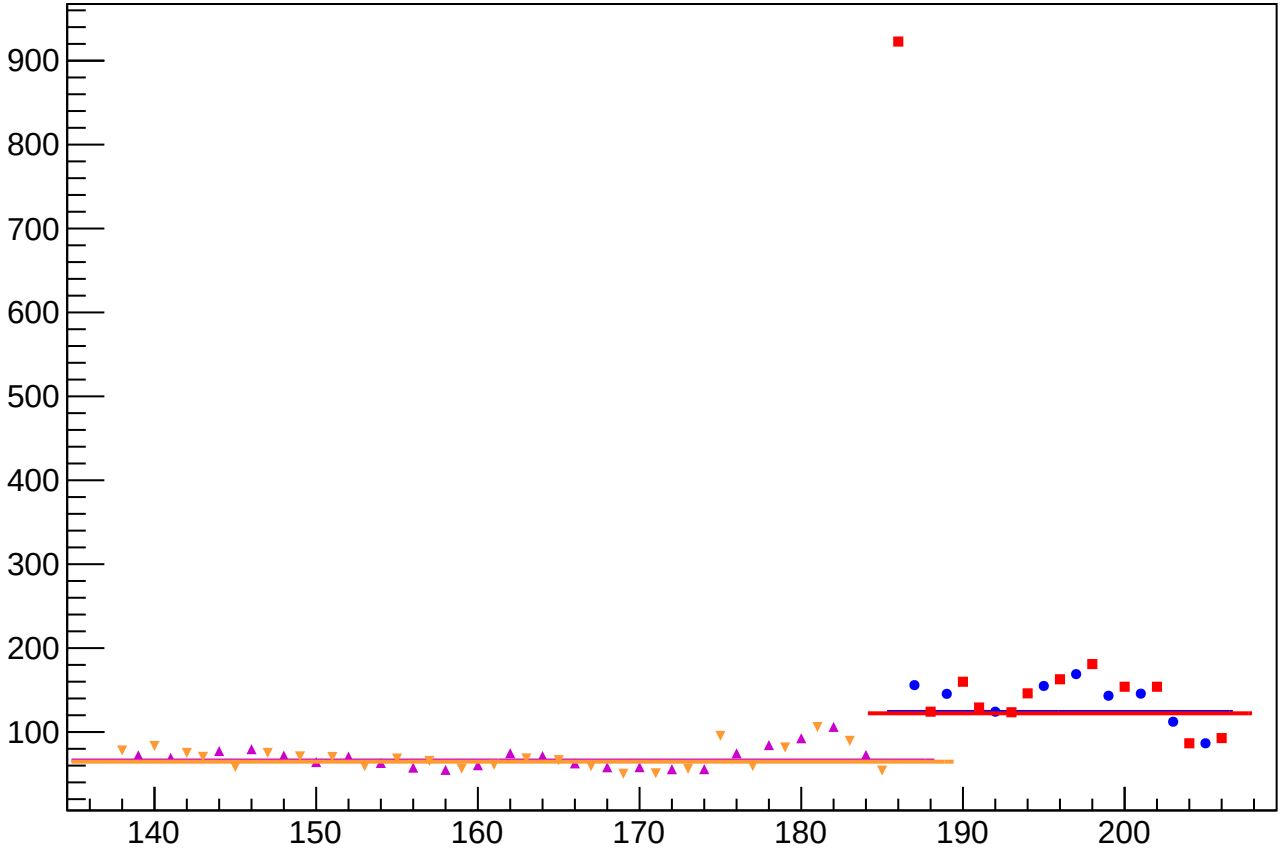
Right: 31.416+/-34.202 χ^2/NDF: 26.4/20

In: 45.068+/-15.432 χ^2/NDF:26.6/31

Out: 12.598+/-14.672 χ^2/NDF:46.4/36

All: 28.014+/-10.633 χ^2/NDF: 75.3/68

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 123.925+/-0.037 χ^2/NDF: 576308.6/8

Left Out: 64.680+/-0.011 χ^2/NDF:1150386.4/24

Right Out: 122.305+/-0.032 χ^2/NDF: 1489315.6/11

Left In: 66.016+/-0.011 χ^2/NDF:868433.2/22

Left: 65.322+/-0.008 χ^2/NDF: 2025941.7/47

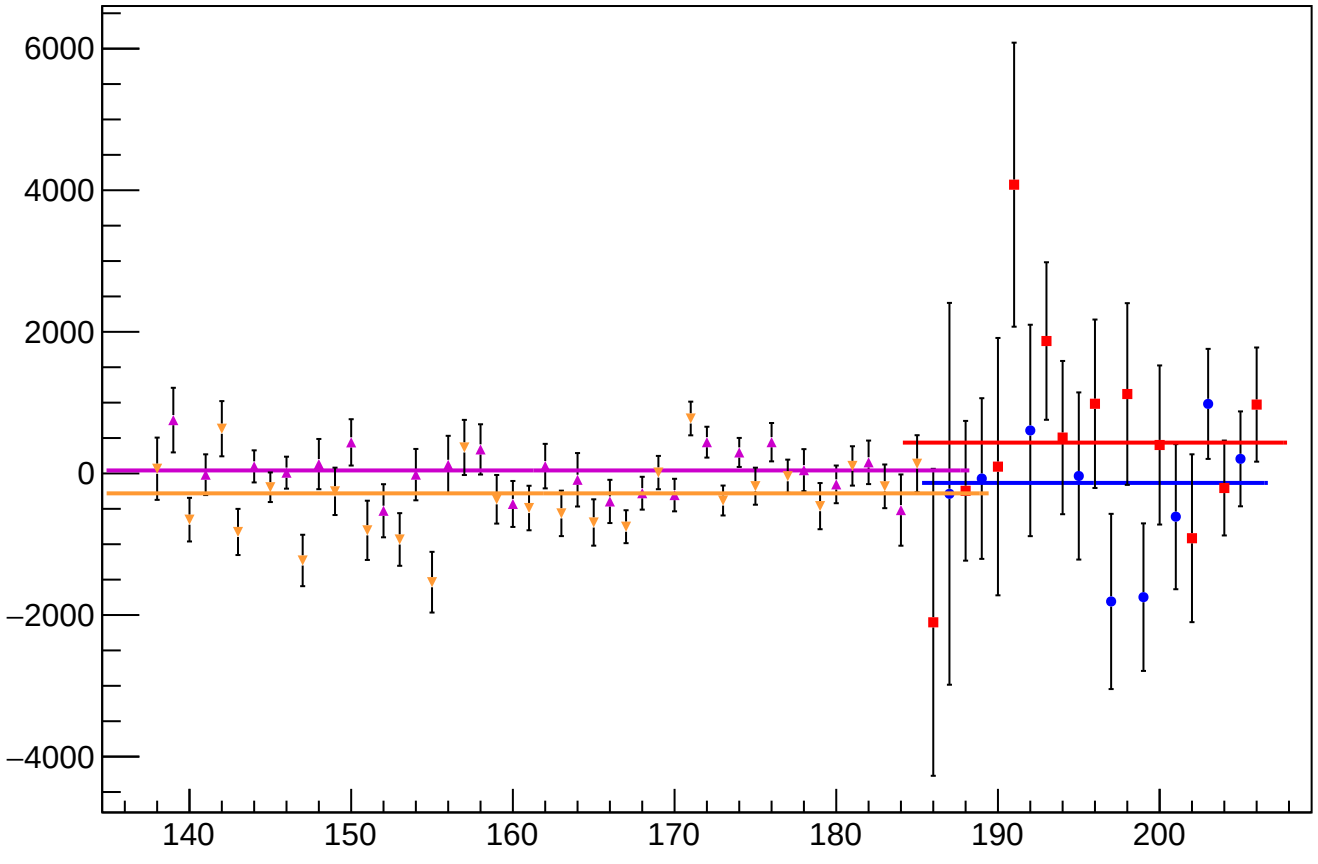
Right: 122.979+/-0.024 χ^2/NDF: 2066714.9/20

In: 70.923+/-0.011 χ^2/NDF:3628890.8/31

Out: 70.870+/-0.010 χ^2/NDF:5598103.1/36

All: 70.895+/-0.008 χ^2/NDF: 9227006.0/68

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: -133.917+/-343.243 χ^2/NDF: 7.0/8

Left Out: -281.407+/-59.534 χ^2/NDF:66.5/24

Right Out: 435.289+/-315.703 χ^2/NDF: 10.0/11

Left In: 42.368+/-60.284 χ^2/NDF:24.7/22

Left: -121.547+/-42.360 χ^2/NDF: 105.8/47

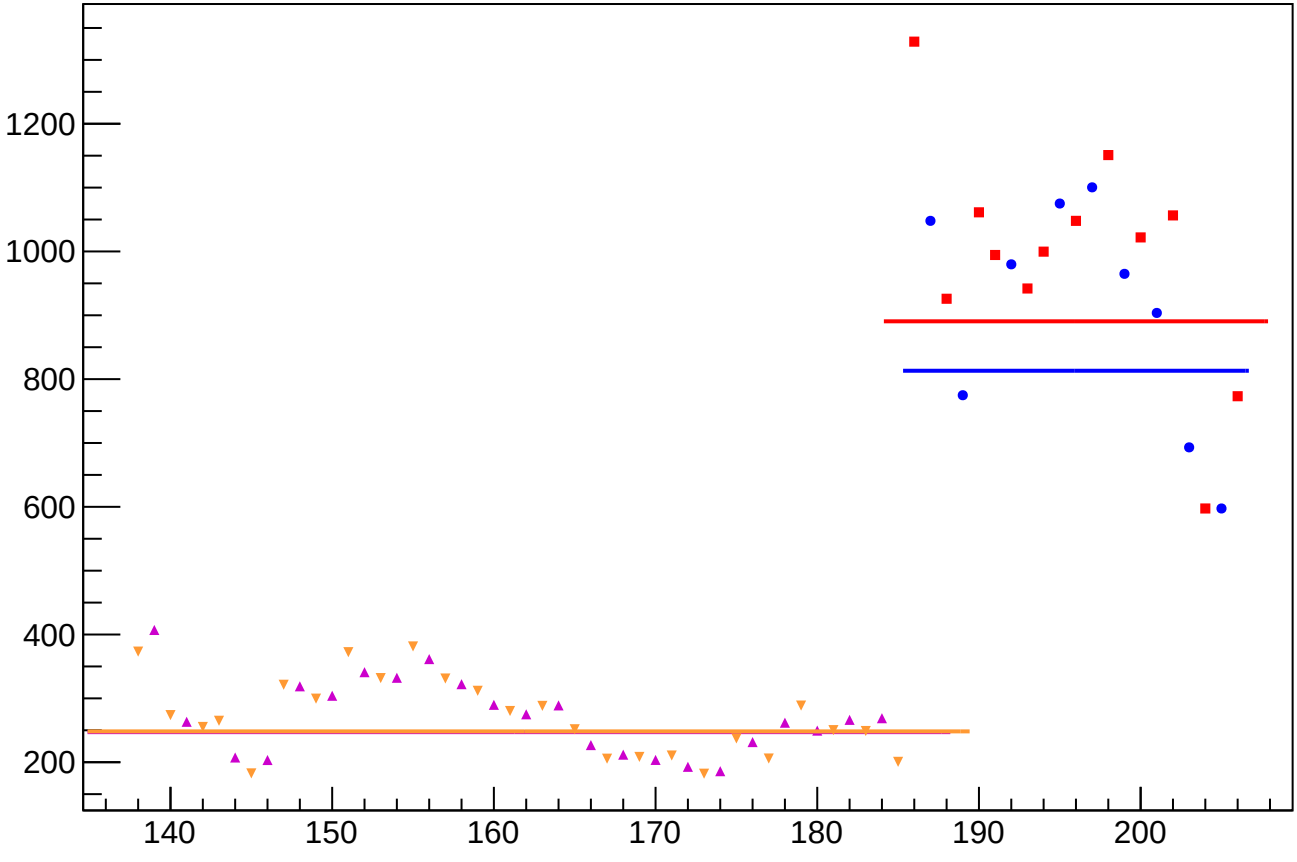
Right: 174.434+/-232.363 χ^2/NDF: 18.5/20

In: 37.093+/-59.375 χ^2/NDF:32.0/31

Out: -256.796+/-58.503 χ^2/NDF:81.4/36

All: -112.027+/-41.673 χ^2/NDF: 125.9/68

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 813.130+/-0.243 χ^2/NDF: 561456.1/8

Left Out: 248.297+/-0.042 χ^2/NDF:1687698.9/24

Right Out: 890.565+/-0.223 χ^2/NDF: 740562.0/11

Left In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

Left: 247.709+/-0.030 χ^2/NDF: 3227424.3/47

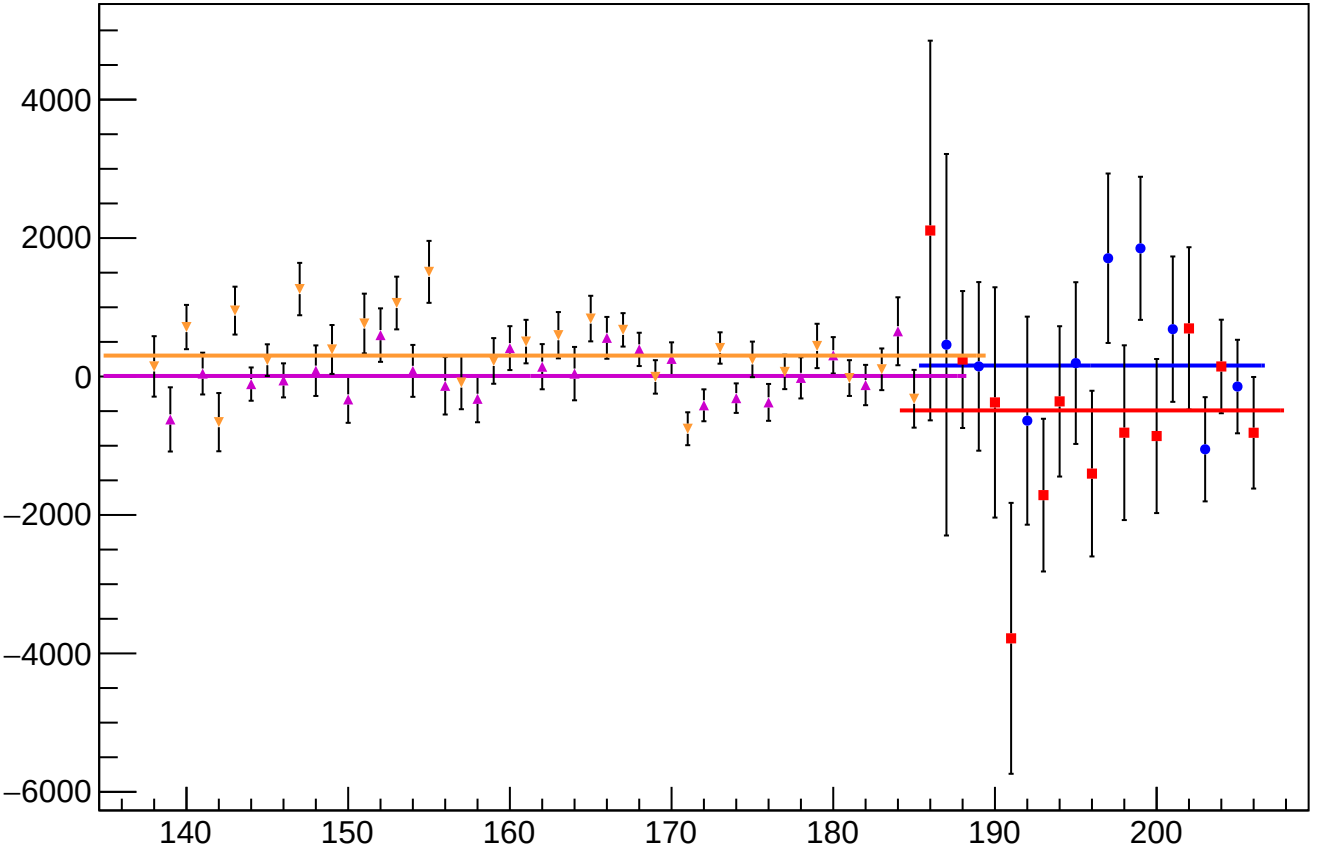
Right: 855.078+/-0.164 χ^2/NDF: 1357159.3/20

In: 264.043+/-0.042 χ^2/NDF:7376771.8/31

Out: 270.352+/-0.041 χ^2/NDF:10421655.2/36

All: 267.244+/-0.029 χ^2/NDF: 17809885.5/68

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 158.678+/-344.034 χ^2/NDF: 7.6/8

Left Out: 302.420+/-60.991 χ^2/NDF:63.8/24

Right Out: -489.705+/-315.611 χ^2/NDF: 8.4/11

Left In: 7.915+/-61.726 χ^2/NDF:26.3/22

Left: 156.931+/-43.384 χ^2/NDF: 101.6/47

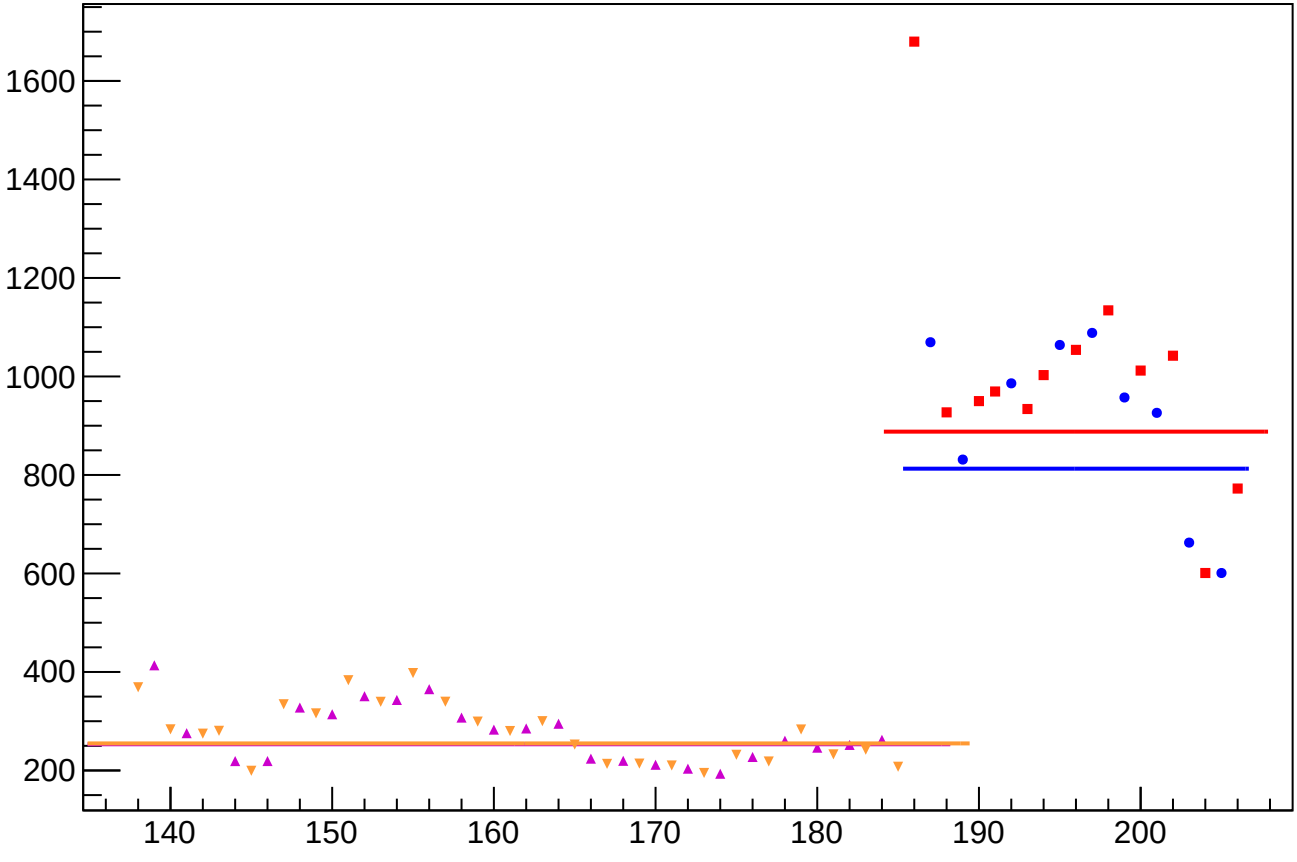
Right: -193.400+/-232.571 χ^2/NDF: 17.9/20

In: 12.616+/-60.755 χ^2/NDF:34.1/31

Out: 273.904+/-59.883 χ^2/NDF:78.3/36

All: 145.150+/-42.649 χ^2/NDF: 121.7/68

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 812.765+/-0.243 χ^2/NDF: 577003.0/8

Left Out: 254.937+/-0.043 χ^2/NDF:1541708.7/24

Right Out: 887.951+/-0.223 χ^2/NDF: 778195.3/11

Left In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

Left: 254.064+/-0.031 χ^2/NDF: 2909065.8/47

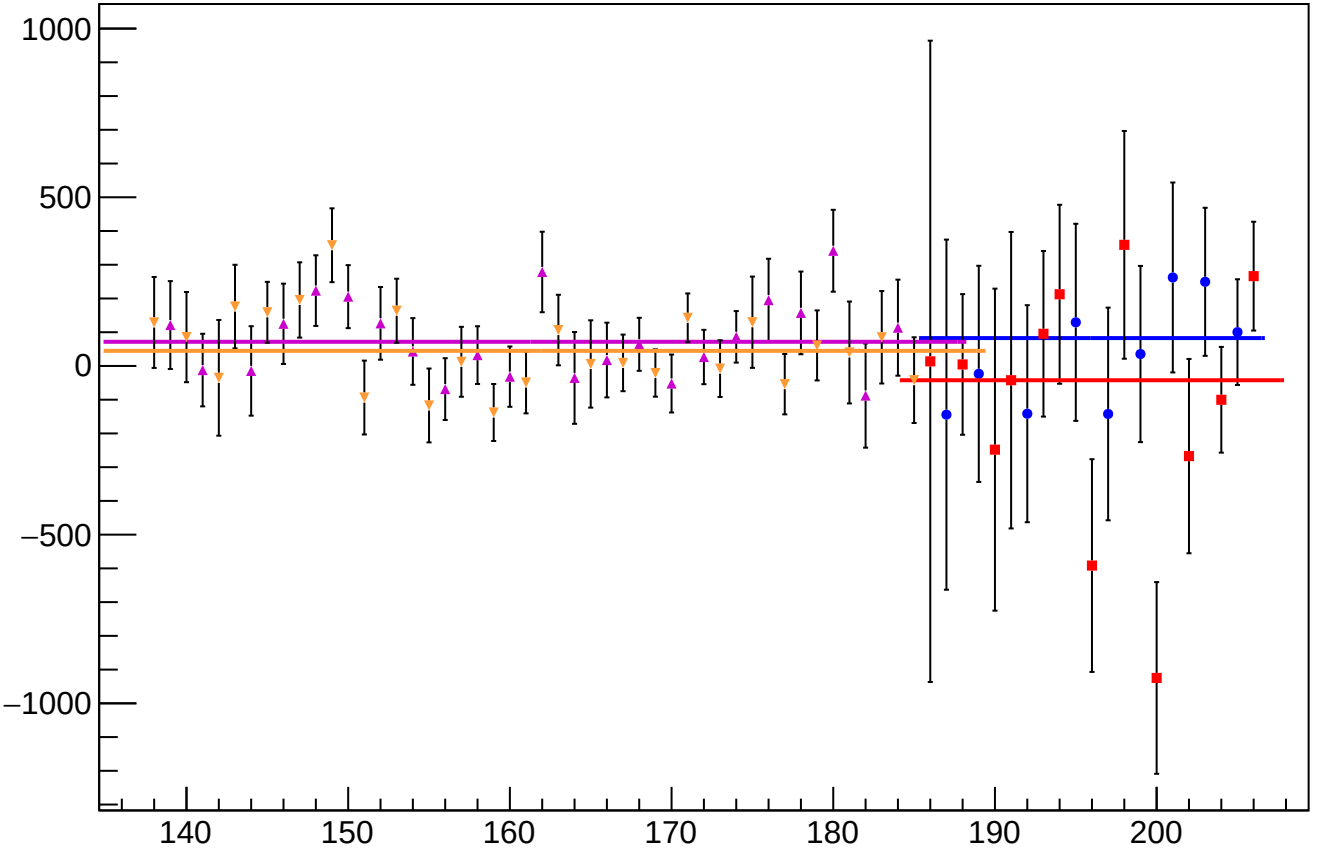
Right: 853.592+/-0.164 χ^2/NDF: 1407067.6/20

In: 270.622+/-0.043 χ^2/NDF:7069960.8/31

Out: 277.726+/-0.042 χ^2/NDF:10075772.8/36

All: 274.225+/-0.030 χ^2/NDF: 17159602.9/68

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 82.615+/-86.488 χ^2/NDF: 2.4/8

Left Out: 44.746+/-20.460 χ^2/NDF:30.5/24

Right Out: -42.310+/-73.131 χ^2/NDF: 20.0/11

Left In: 71.620+/-21.469 χ^2/NDF:23.7/22

Left: 57.537+/-14.811 χ^2/NDF: 55.0/47

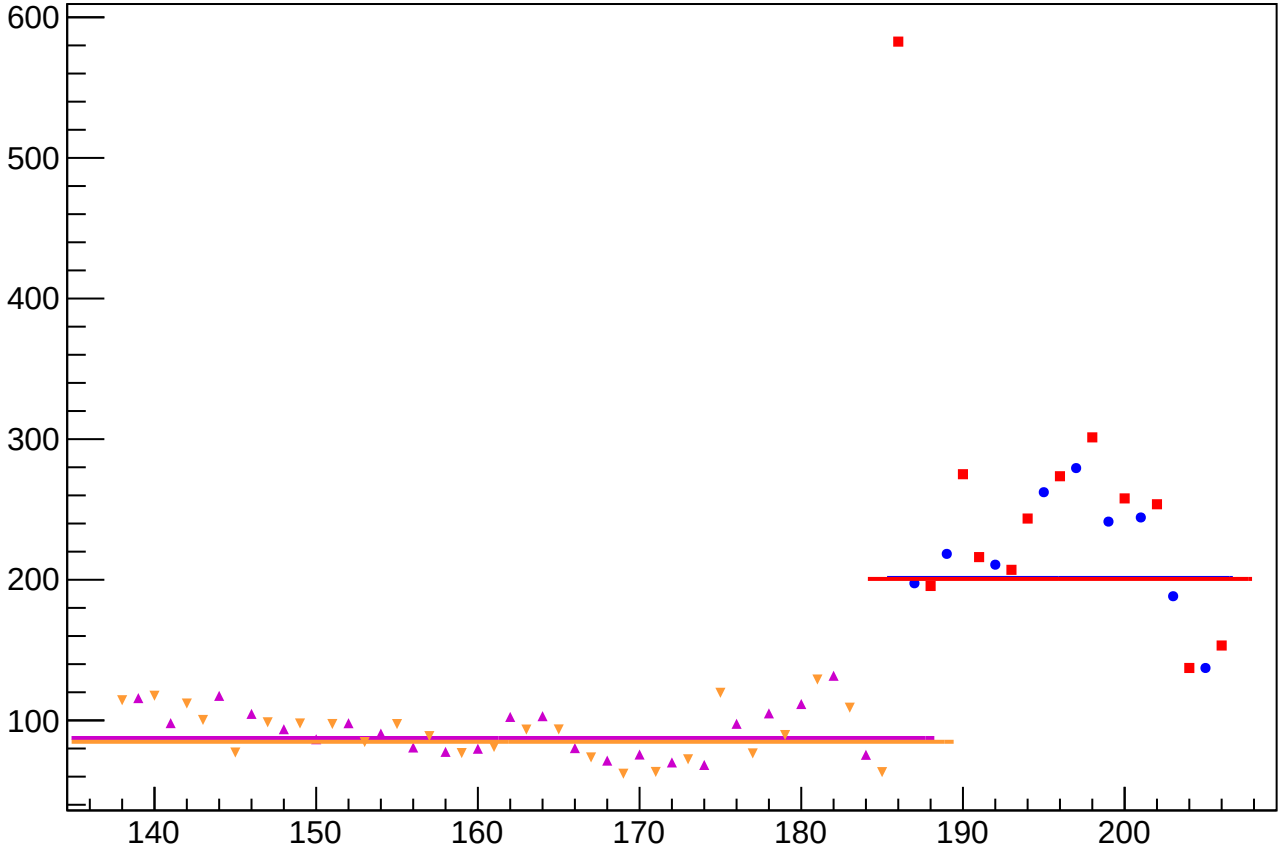
Right: 9.771+/-55.843 χ^2/NDF: 23.5/20

In: 72.258+/-20.836 χ^2/NDF:26.0/31

Out: 38.427+/-19.703 χ^2/NDF:51.8/36

All: 54.397+/-14.316 χ^2/NDF: 79.3/68

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 201.287+/-0.061 χ^2/NDF: 652153.5/8

Left Out: 84.793+/-0.014 χ^2/NDF:1382881.3/24

Right Out: 200.609+/-0.052 χ^2/NDF: 1362811.2/11

Left In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

Left: 86.070+/-0.010 χ^2/NDF: 2455720.1/47

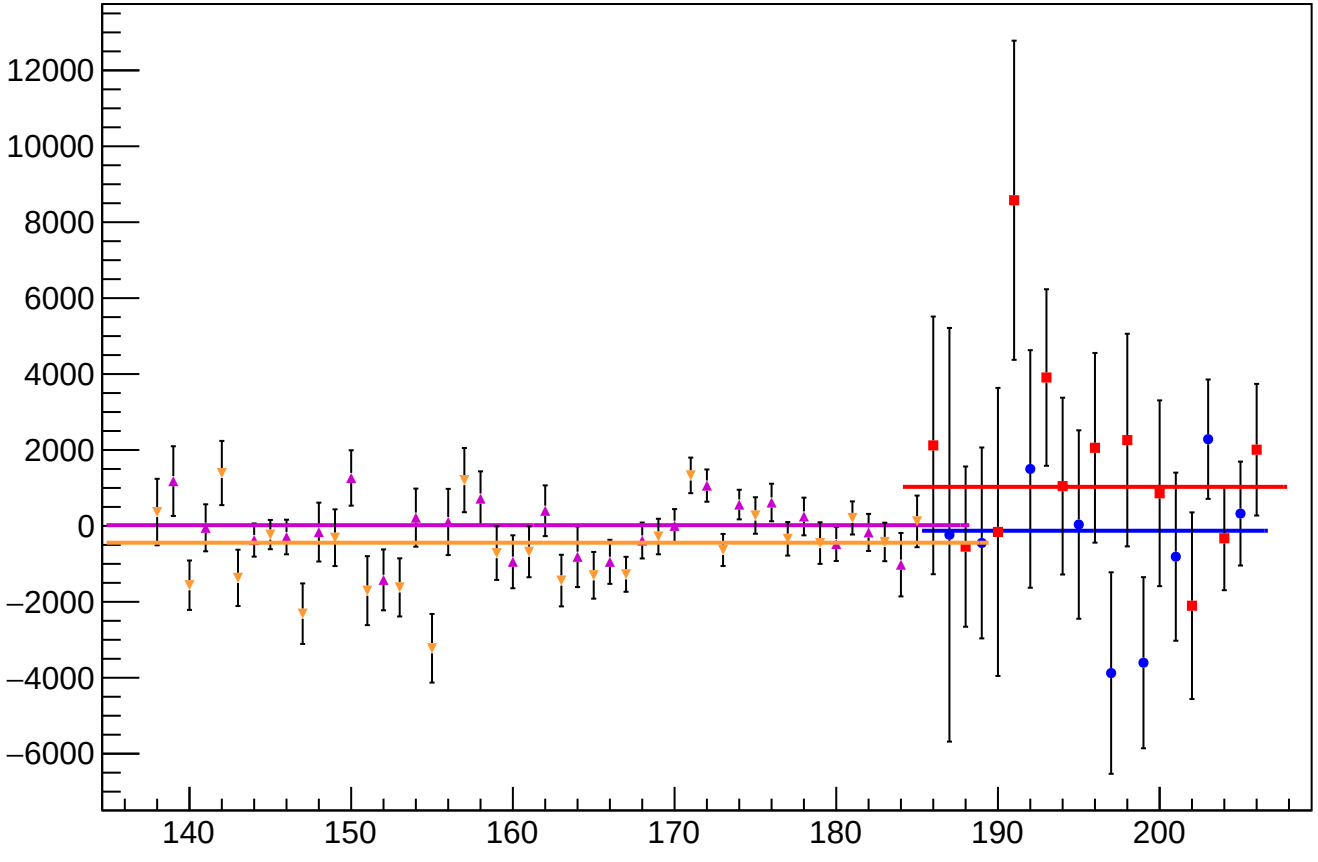
Right: 200.892+/-0.039 χ^2/NDF: 2015036.4/20

In: 94.083+/-0.015 χ^2/NDF:4970815.7/31

Out: 93.200+/-0.014 χ^2/NDF:7397712.2/36

All: 93.617+/-0.010 χ^2/NDF: 12370425.6/68

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: -127.335+/-718.347 χ^2/NDF: 7.2/8

Left Out: -442.284+/-115.425 χ^2/NDF:60.9/24

Right Out: 1029.112+/-660.285 χ^2/NDF: 8.8/11

Left In: 19.322+/-116.820 χ^2/NDF:29.5/22

Left: -214.255+/-82.107 χ^2/NDF: 98.3/47

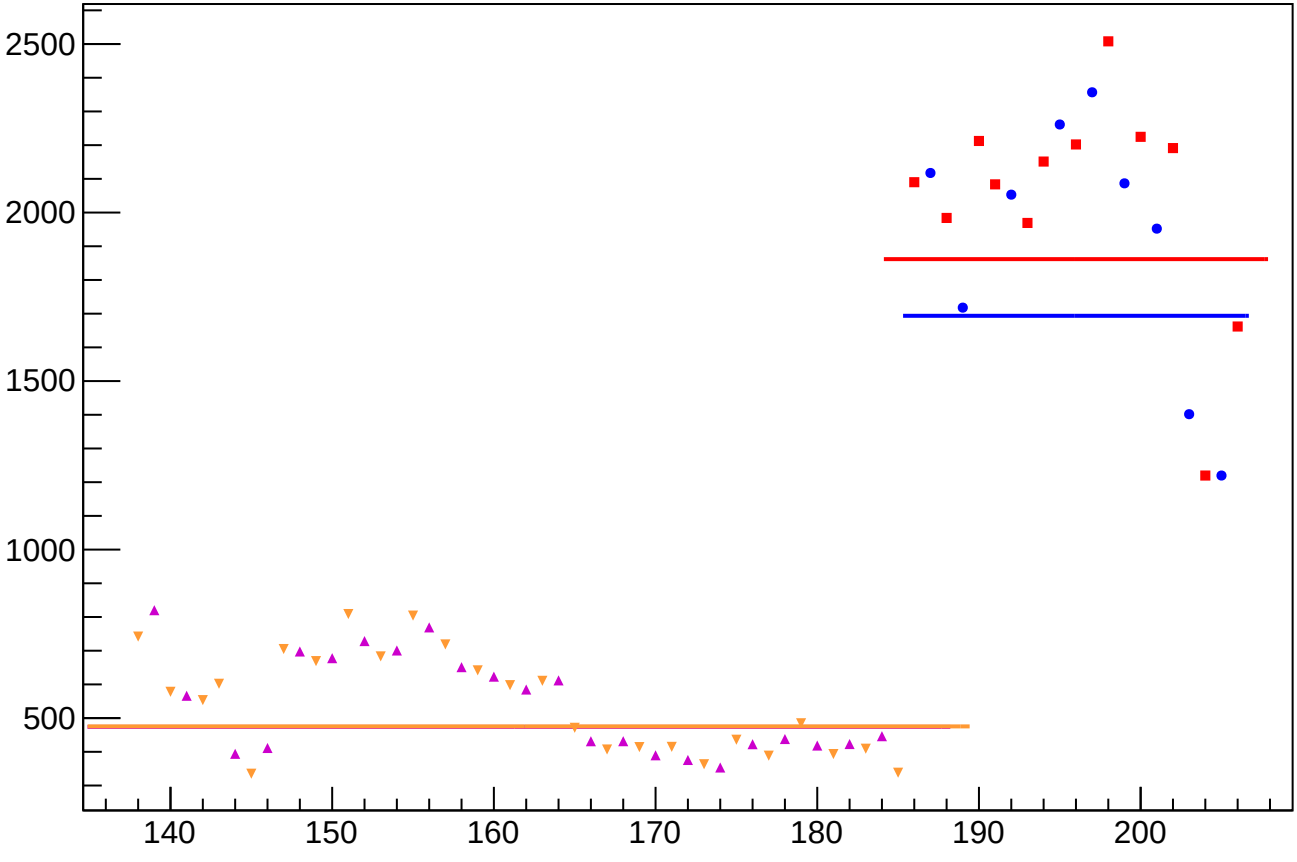
Right: 499.507+/-486.125 χ^2/NDF: 17.4/20

In: 15.543+/-115.306 χ^2/NDF:36.7/31

Out: -398.654+/-113.701 χ^2/NDF:74.6/36

All: -194.458+/-80.960 χ^2/NDF: 117.9/68

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 1693.685+/-0.508 χ^2/NDF: 665147.0/8

Left Out: 475.415+/-0.082 χ^2/NDF:2509706.1/24

Right Out: 1861.816+/-0.467 χ^2/NDF: 764033.5/11

Left In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

Left: 474.690+/-0.058 χ^2/NDF: 4684342.6/47

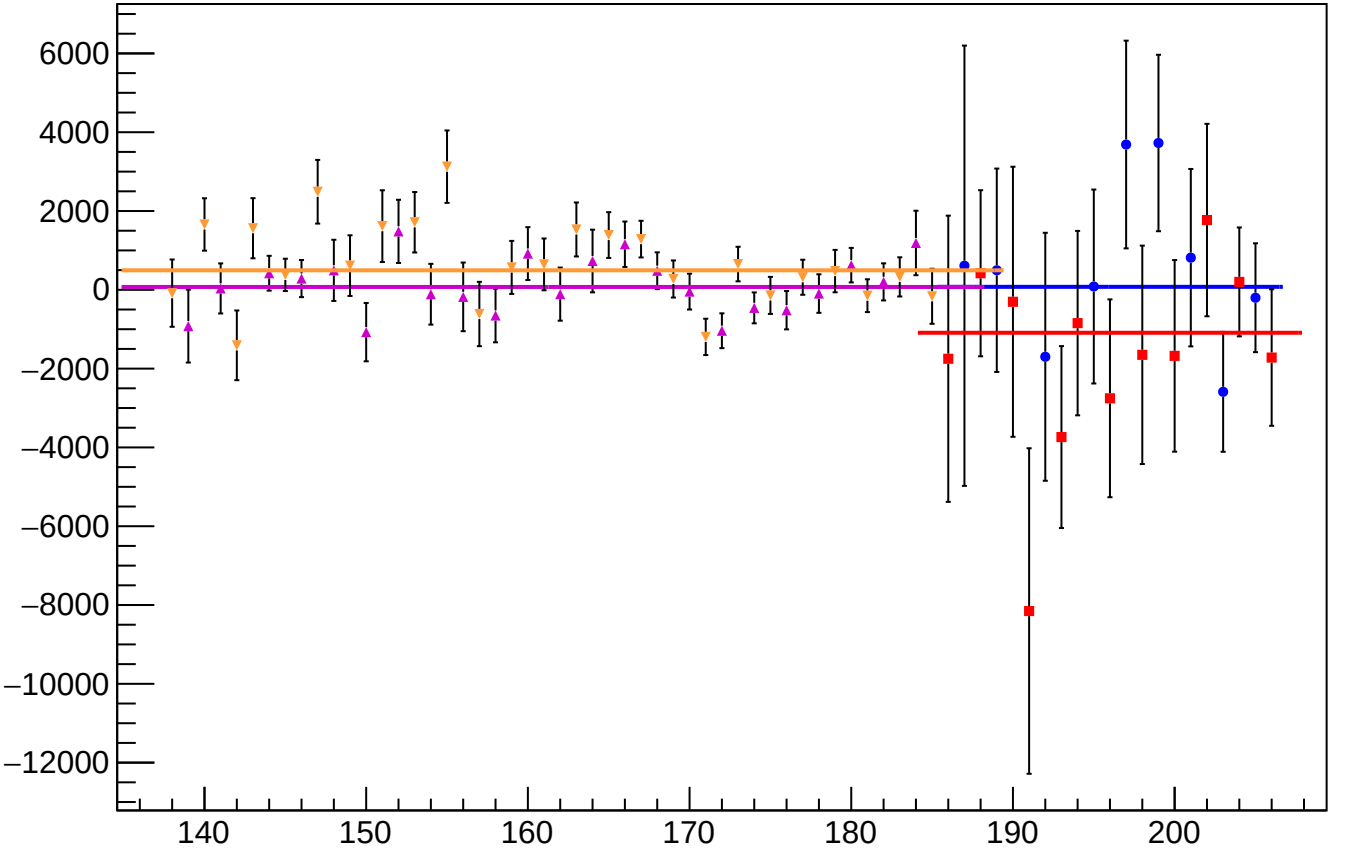
Right: 1784.819+/-0.344 χ^2/NDF: 1488567.0/20

In: 505.373+/-0.082 χ^2/NDF:8457319.3/31

Out: 516.526+/-0.080 χ^2/NDF:11829759.0/36

All: 511.028+/-0.057 χ^2/NDF: 20296564.0/68

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 75.703+/-717.020 χ^2/NDF: 8.1/8

Left Out: 495.259+/-115.521 χ^2/NDF:57.2/24

Right Out: -1089.555+/-659.693 χ^2/NDF: 7.8/11

Left In: 72.627+/-116.927 χ^2/NDF:29.1/22

Left: 286.499+/-82.178 χ^2/NDF: 92.8/47

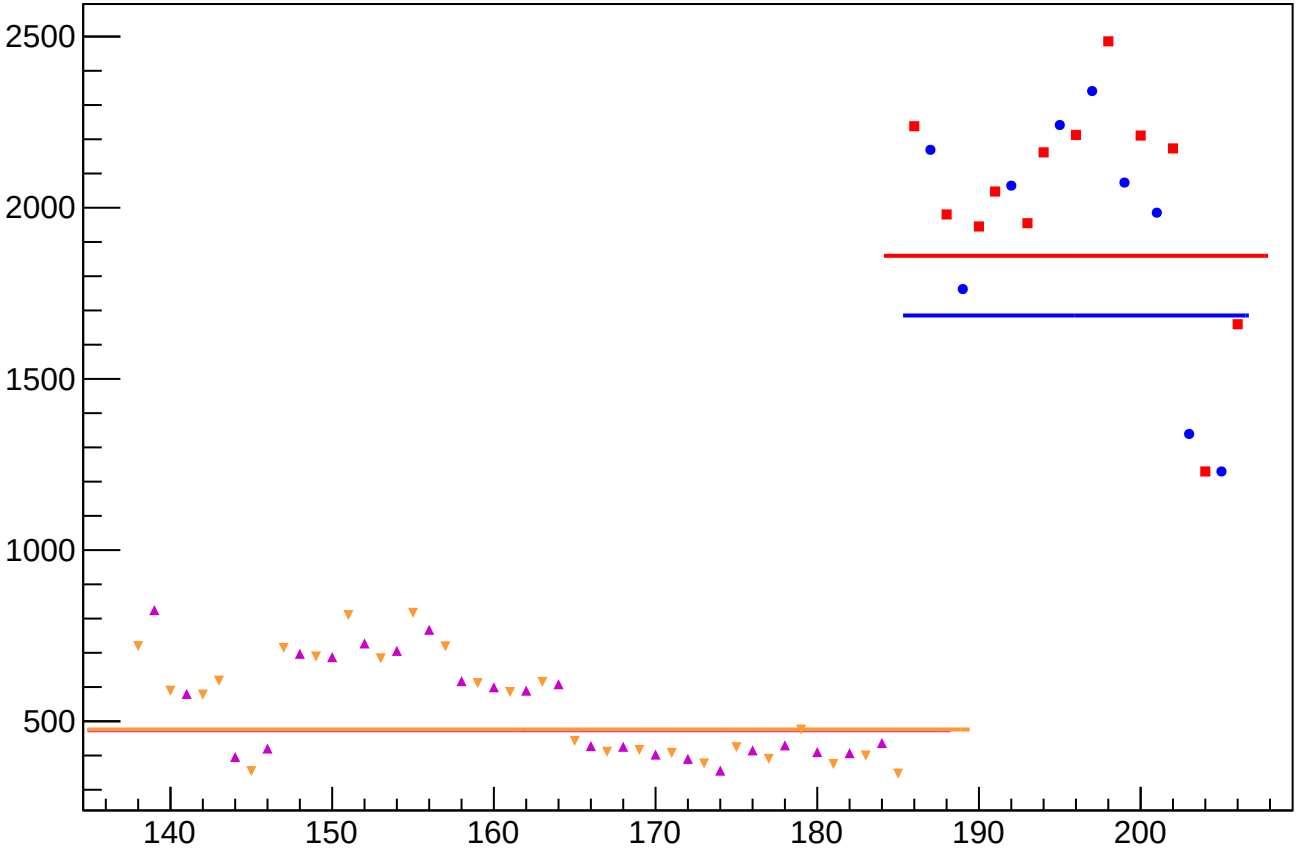
Right: -555.364+/-485.477 χ^2/NDF: 17.3/20

In: 72.707+/-115.403 χ^2/NDF:37.2/31

Out: 448.107+/-113.790 χ^2/NDF:70.5/36

All: 263.049+/-81.026 χ^2/NDF: 113.1/68

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1685.306+/-0.507 χ^2/NDF: 688465.9/8

Left Out: 476.057+/-0.082 χ^2/NDF:2461838.6/24

Right Out: 1859.639+/-0.466 χ^2/NDF: 729344.4/11

Left In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

Left: 474.954+/-0.058 χ^2/NDF: 4575960.9/47

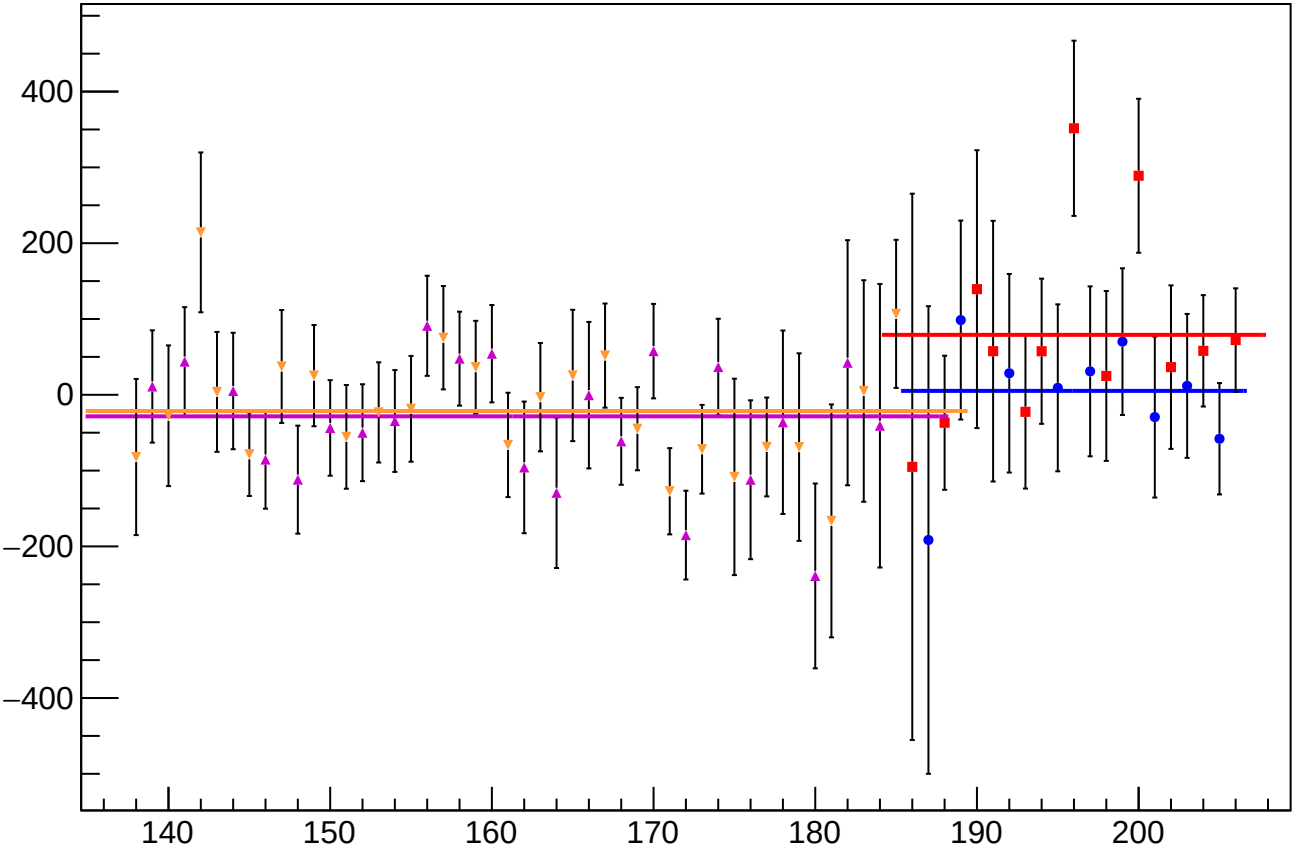
Right: 1779.719+/-0.343 χ^2/NDF: 1481839.7/20

In: 505.206+/-0.082 χ^2/NDF:8363865.9/31

Out: 517.222+/-0.080 χ^2/NDF:11726883.4/36

All: 511.299+/-0.057 χ^2/NDF: 20101742.7/68

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 5.165+/-35.790 χ^2/NDF: 2.3/8

Left Out: -21.397+/-14.800 χ^2/NDF:20.9/24

Right Out: 79.099+/-29.575 χ^2/NDF: 13.4/11

Left In: -28.435+/-15.494 χ^2/NDF:26.2/22

Left: -24.755+/-10.702 χ^2/NDF: 47.2/47

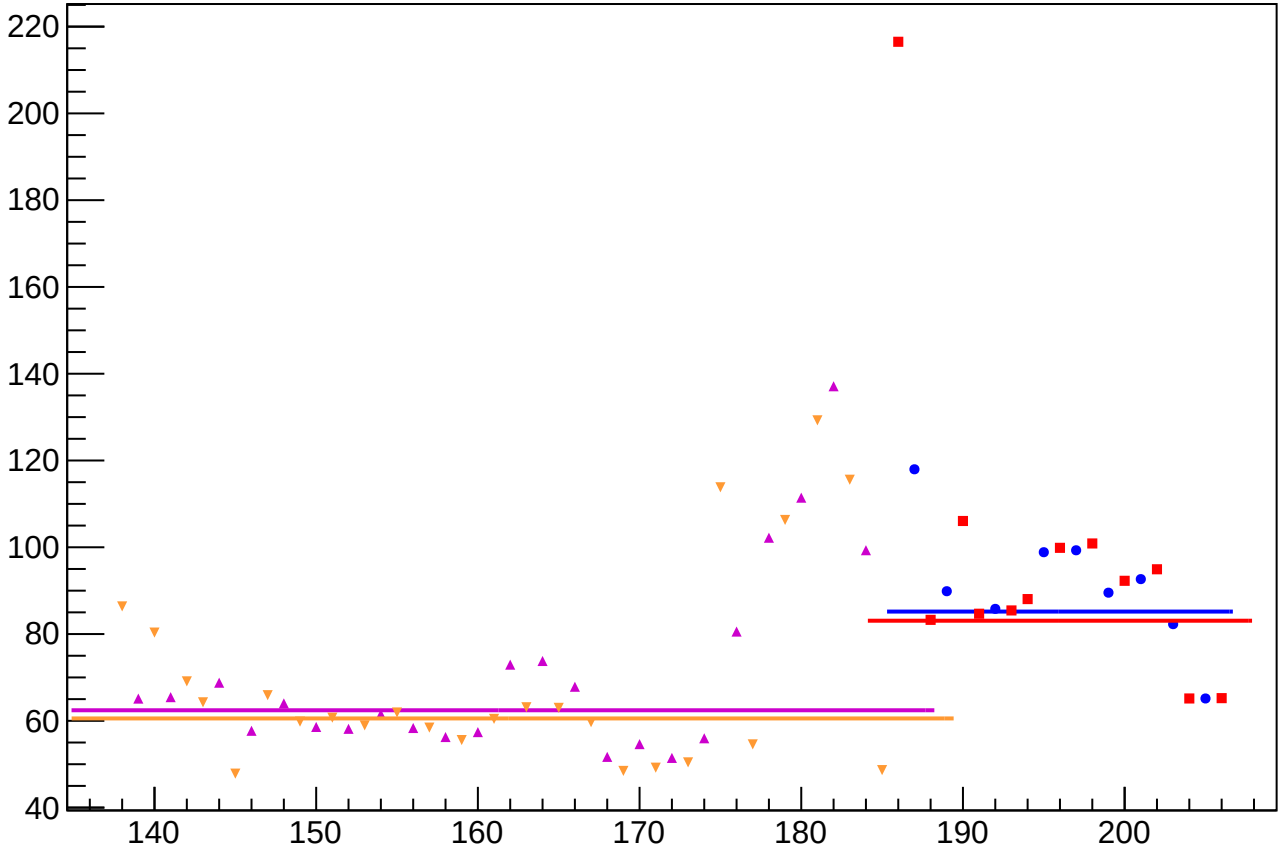
Right: 49.099+/-22.798 χ^2/NDF: 18.3/20

In: -23.132+/-14.218 χ^2/NDF:29.3/31

Out: -1.272+/-13.235 χ^2/NDF:43.5/36

All: -11.420+/-9.688 χ^2/NDF: 74.1/68

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 85.181+/-0.025 χ^2/NDF: 252385.9/8

Left Out: 60.551+/-0.010 χ^2/NDF:1951663.1/24

Right Out: 83.074+/-0.021 χ^2/NDF: 701539.5/11

Left In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

Left: 61.450+/-0.008 χ^2/NDF: 3412871.1/47

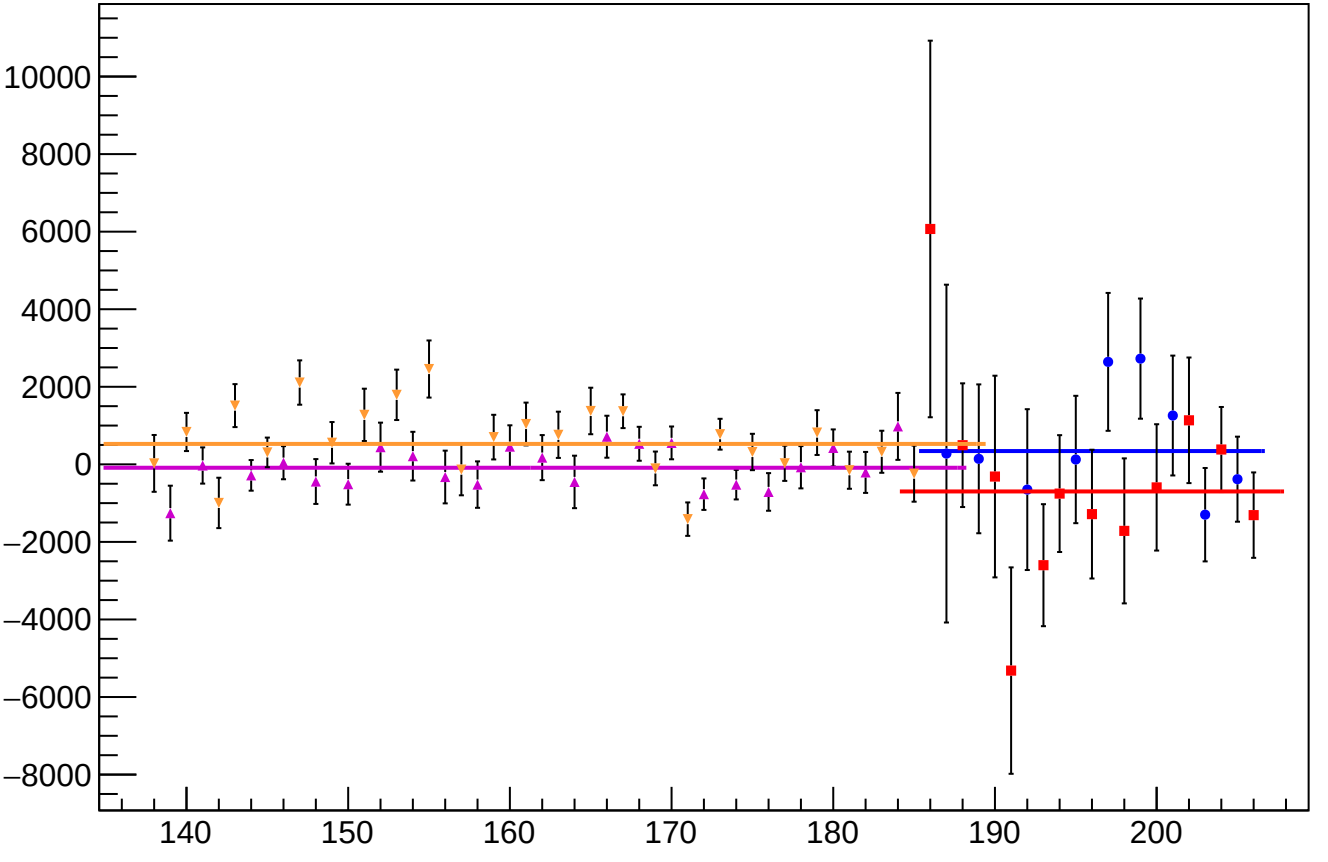
Right: 83.929+/-0.016 χ^2/NDF: 958045.7/20

In: 66.025+/-0.010 χ^2/NDF:2378512.1/31

Out: 65.061+/-0.009 χ^2/NDF:3580851.2/36

All: 65.508+/-0.007 χ^2/NDF: 5964282.6/68

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 342.651+/-527.019 χ^2/NDF: 6.9/8

Left Out: 526.705+/-105.414 χ^2/NDF:65.0/24

Right Out: -698.929+/-464.597 χ^2/NDF: 10.0/11

Left In: -87.989+/-106.843 χ^2/NDF:22.1/22

Left: 223.494+/-75.039 χ^2/NDF: 103.9/47

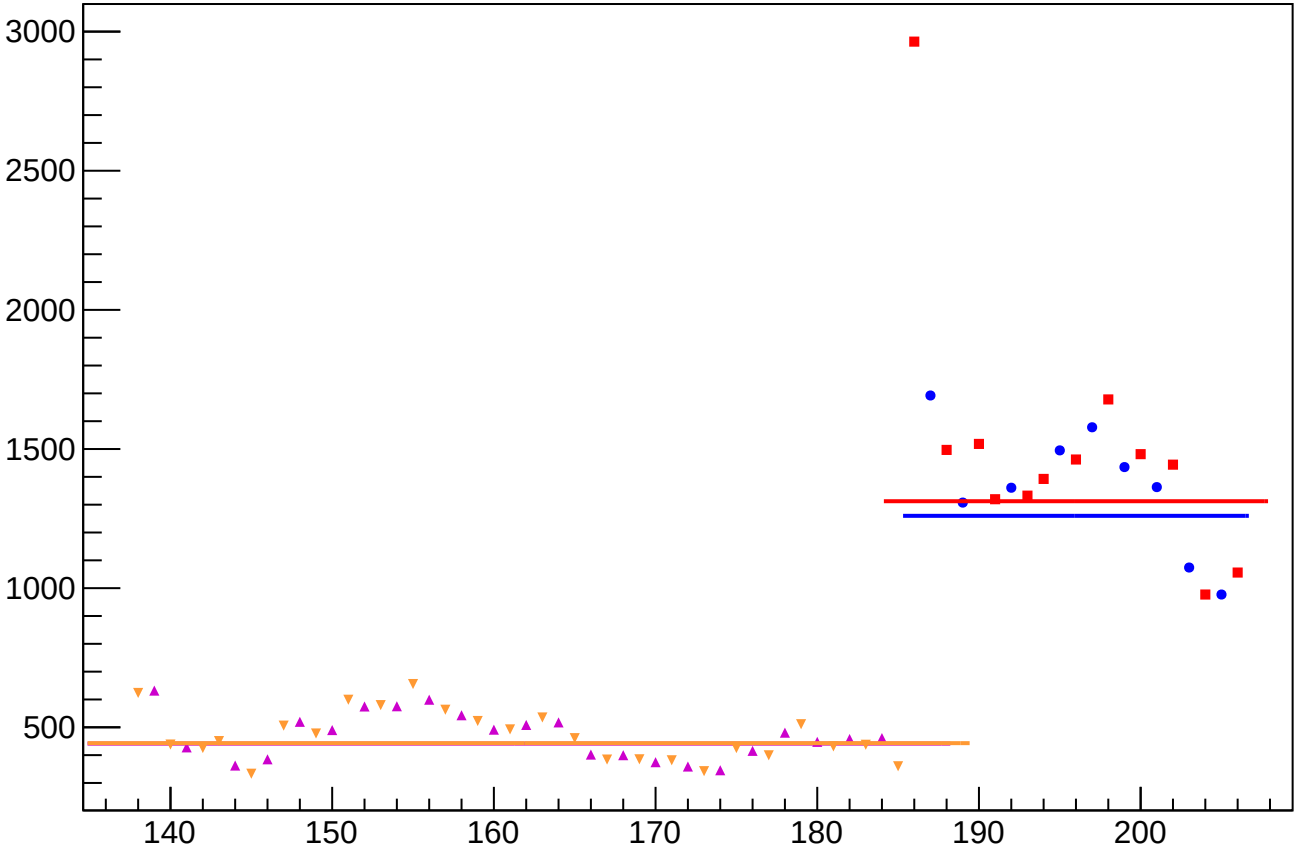
Right: -243.448+/-348.510 χ^2/NDF: 19.1/20

In: -70.989+/-104.713 χ^2/NDF:29.7/31

Out: 466.698+/-102.801 χ^2/NDF:81.6/36

All: 202.806+/-73.358 χ^2/NDF: 124.7/68

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1259.929+/-0.373 χ^2/NDF: 345883.0/8

Left Out: 443.031+/-0.075 χ^2/NDF:1171662.6/24

Right Out: 1312.426+/-0.329 χ^2/NDF: 699609.3/11

Left In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

Left: 442.206+/-0.053 χ^2/NDF: 2207750.3/47

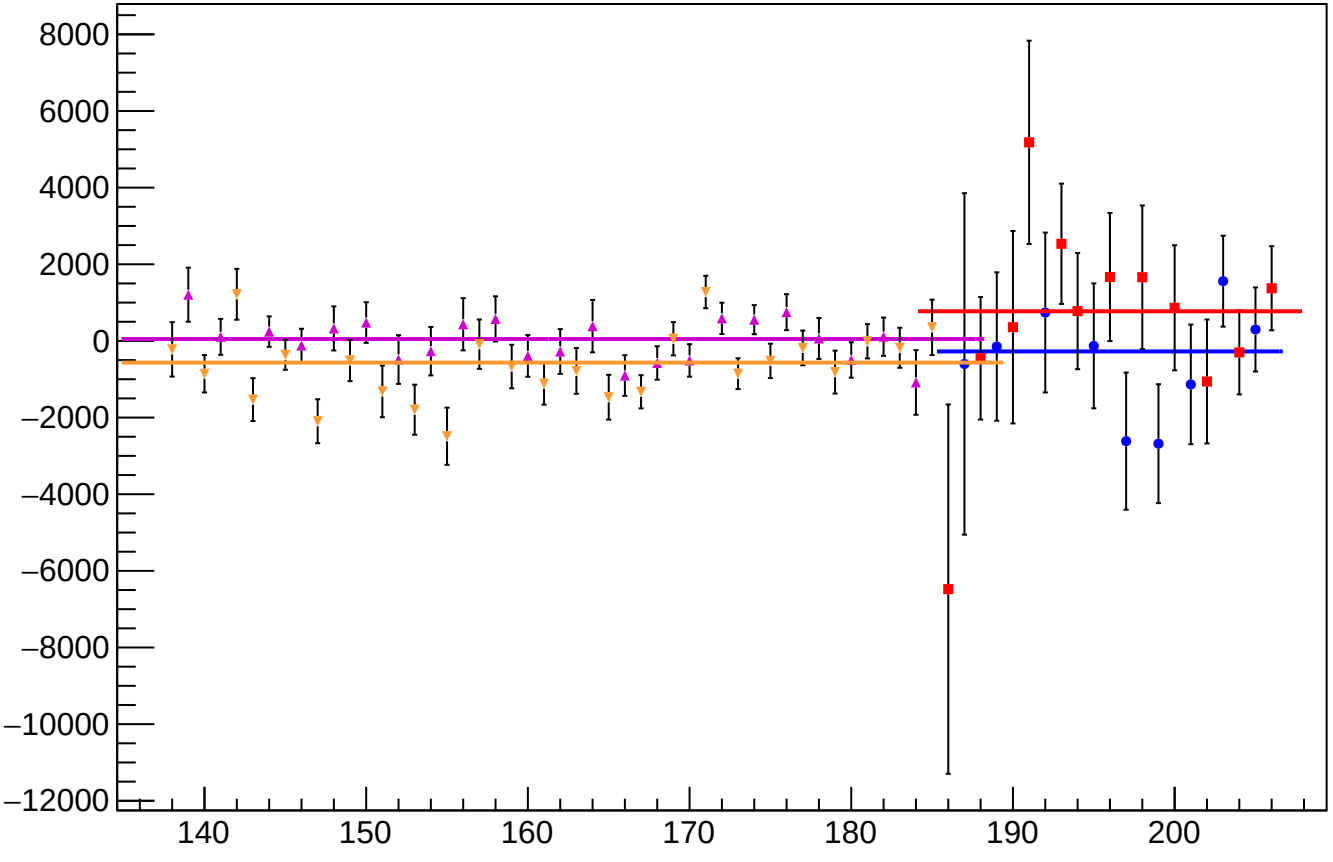
Right: 1289.469+/-0.246 χ^2/NDF: 1056658.8/20

In: 473.674+/-0.074 χ^2/NDF:6016159.3/31

Out: 485.597+/-0.073 χ^2/NDF:8531819.5/36

All: 479.745+/-0.052 χ^2/NDF: 14561184.0/68

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -274.188+/-526.809 χ^2/NDF: 7.3/8

Left Out: -565.545+/-104.460 χ^2/NDF:62.9/24

Right Out: 773.627+/-464.399 χ^2/NDF: 10.0/11

Left In: 50.387+/-106.218 χ^2/NDF:23.3/22

Left: -262.717+/-74.478 χ^2/NDF: 103.3/47

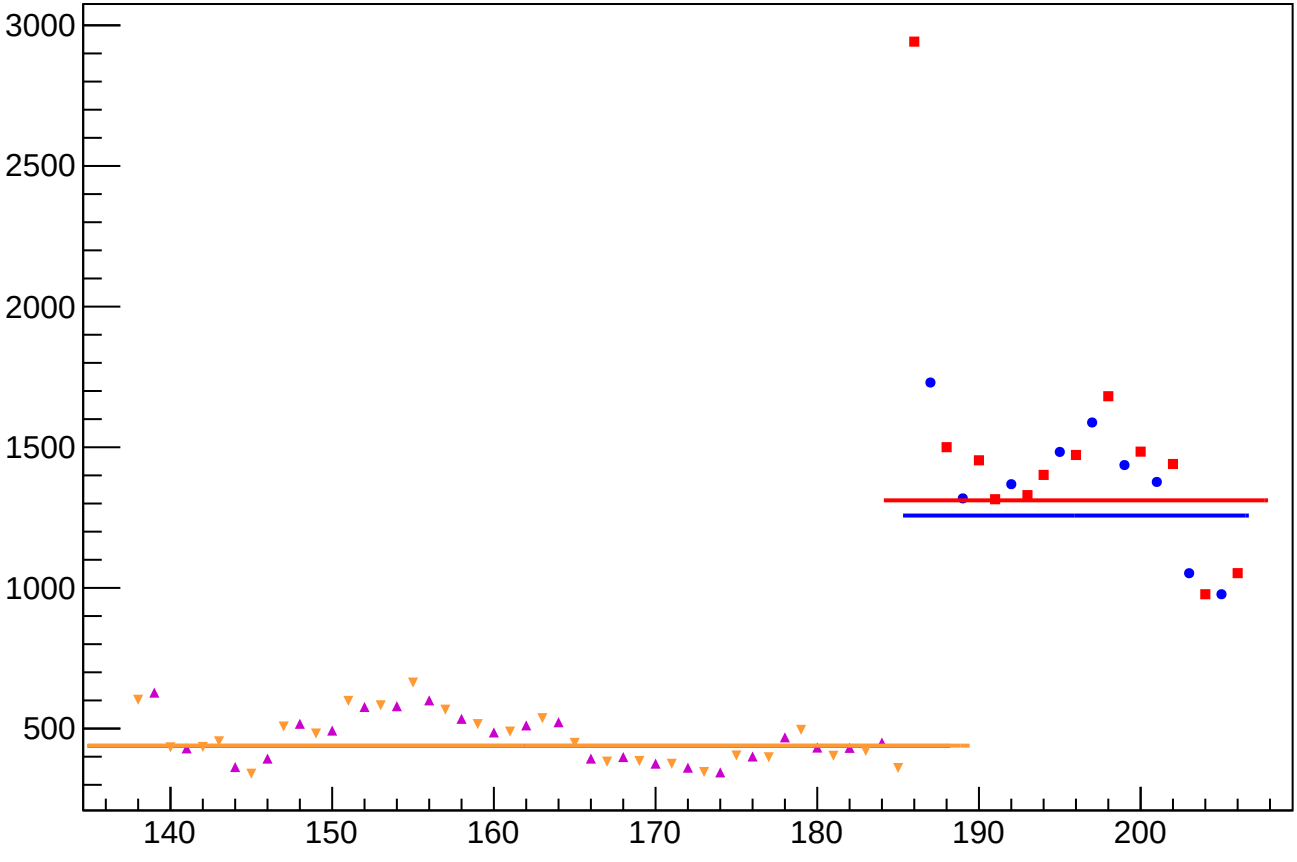
Right: 315.433+/-348.366 χ^2/NDF: 19.5/20

In: 37.708+/-104.123 χ^2/NDF:31.0/31

Out: -501.050+/-101.914 χ^2/NDF:80.8/36

All: -237.446+/-72.832 χ^2/NDF: 125.4/68

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 1257.242+/-0.373 χ^2/NDF: 365322.0/8

Left Out: 439.314+/-0.074 χ^2/NDF:1164031.3/24

Right Out: 1311.289+/-0.328 χ^2/NDF: 699045.6/11

Left In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

Left: 438.847+/-0.053 χ^2/NDF: 2188773.6/47

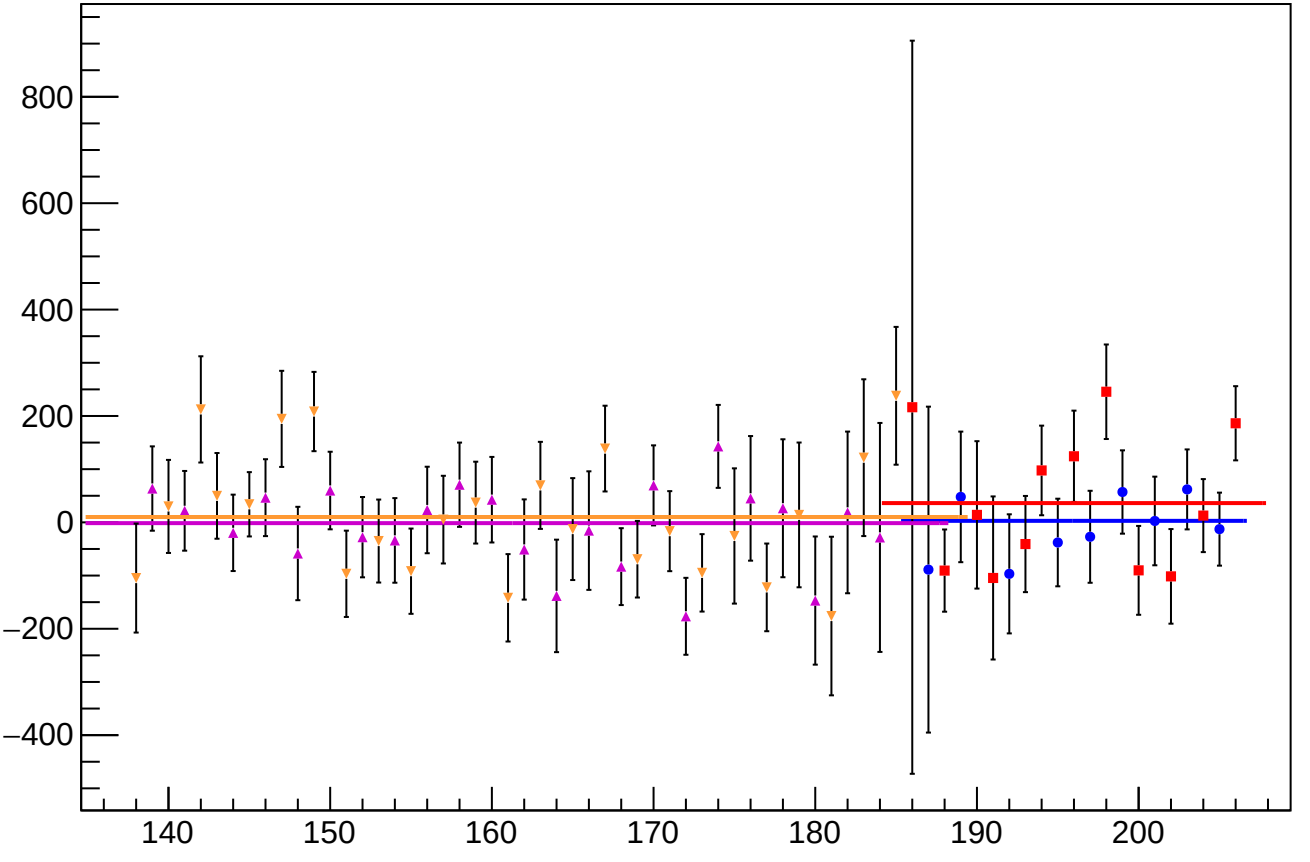
Right: 1287.655+/-0.246 χ^2/NDF: 1076213.1/20

In: 470.354+/-0.074 χ^2/NDF:6033593.4/31

Out: 481.308+/-0.072 χ^2/NDF:8574584.1/36

All: 475.948+/-0.052 χ^2/NDF: 14619483.0/68

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 2.872+/-29.689 χ^2/NDF: 2.5/8

Left Out: 10.078+/-17.207 χ^2/NDF:38.7/24

Right Out: 36.248+/-26.014 χ^2/NDF: 20.9/11

Left In: -1.434+/-17.926 χ^2/NDF:19.0/22

Left: 4.557+/-12.414 χ^2/NDF: 58.0/47

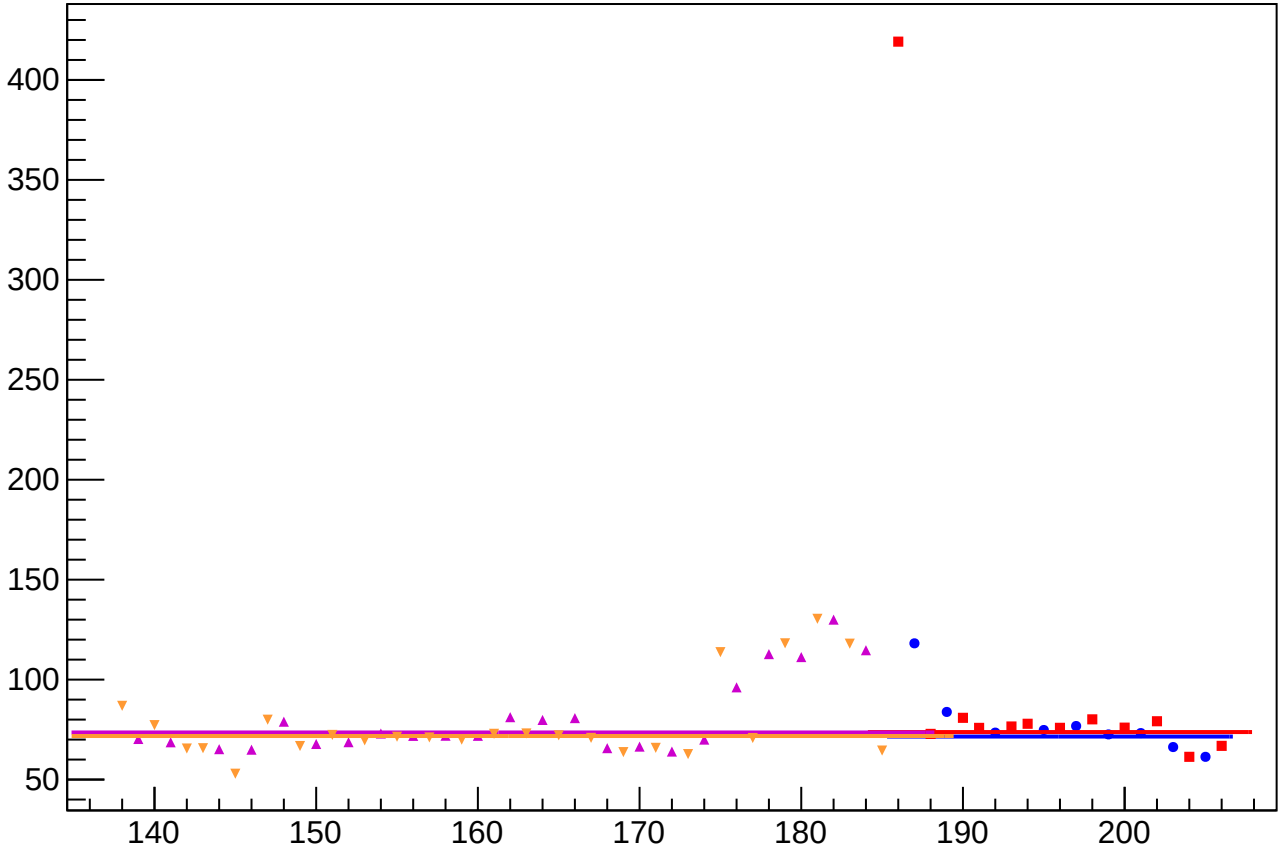
Right: 21.753+/-19.566 χ^2/NDF: 24.2/20

In: -0.284+/-15.346 χ^2/NDF:21.6/31

Out: 18.043+/-14.352 χ^2/NDF:60.4/36

All: 9.493+/-10.482 χ^2/NDF: 82.7/68

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 71.517+/-0.021 χ^2/NDF: 132395.6/8

Left Out: 71.785+/-0.012 χ^2/NDF:1325726.8/24

Right Out: 73.767+/-0.018 χ^2/NDF: 620218.2/11

Left In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

Left: 72.635+/-0.009 χ^2/NDF: 2345268.8/47

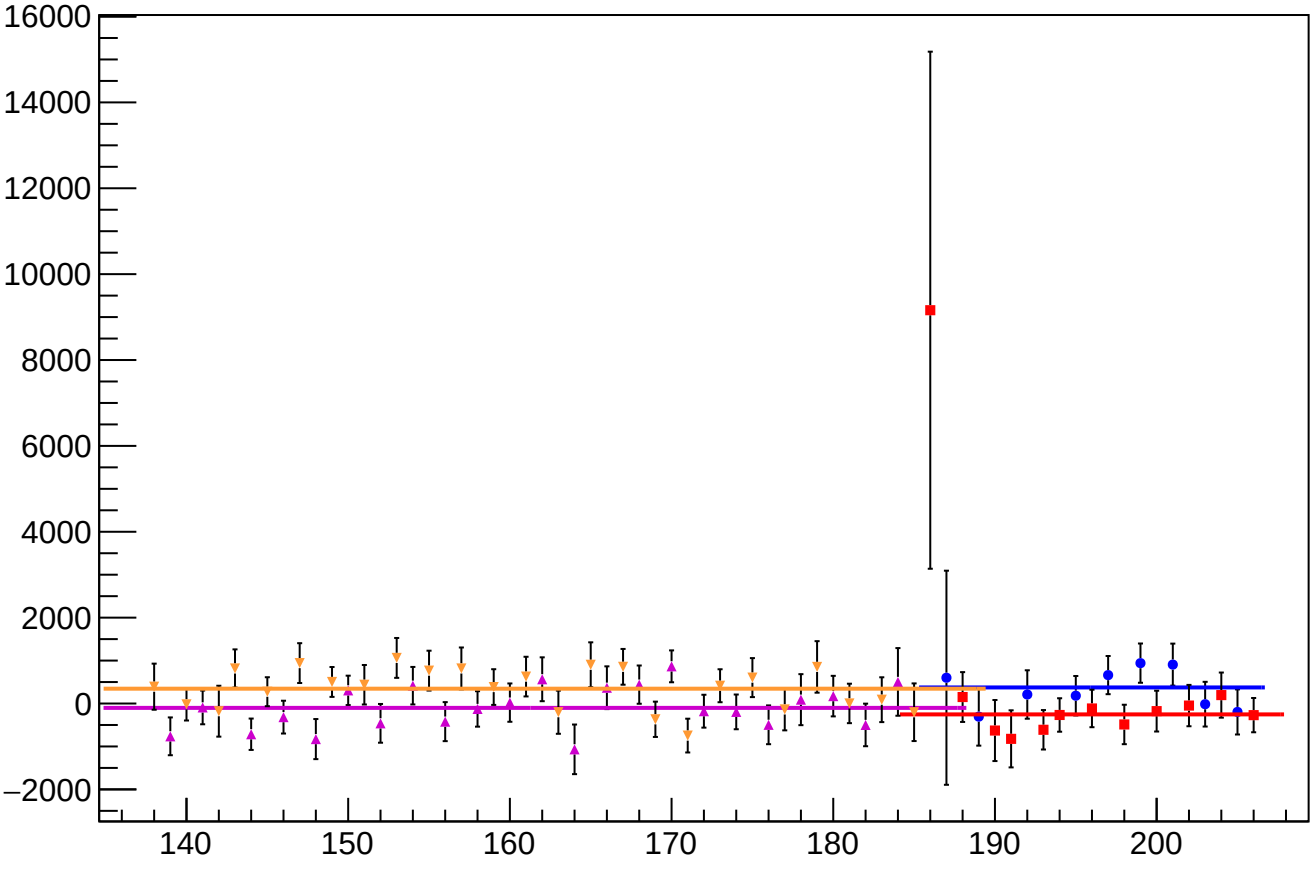
Right: 72.790+/-0.014 χ^2/NDF: 759108.9/20

In: 73.013+/-0.011 χ^2/NDF:1148676.4/31

Out: 72.388+/-0.010 χ^2/NDF:1954020.8/36

All: 72.680+/-0.007 χ^2/NDF: 3104466.7/68

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 374.375+/-177.964 χ^2/NDF: 6.2/8

Left Out: 345.360+/-89.857 χ^2/NDF:27.4/24

Right Out: -253.366+/-145.546 χ^2/NDF: 5.9/11

Left In: -101.648+/-91.670 χ^2/NDF:28.1/22

Left: 126.320+/-64.170 χ^2/NDF: 67.5/47

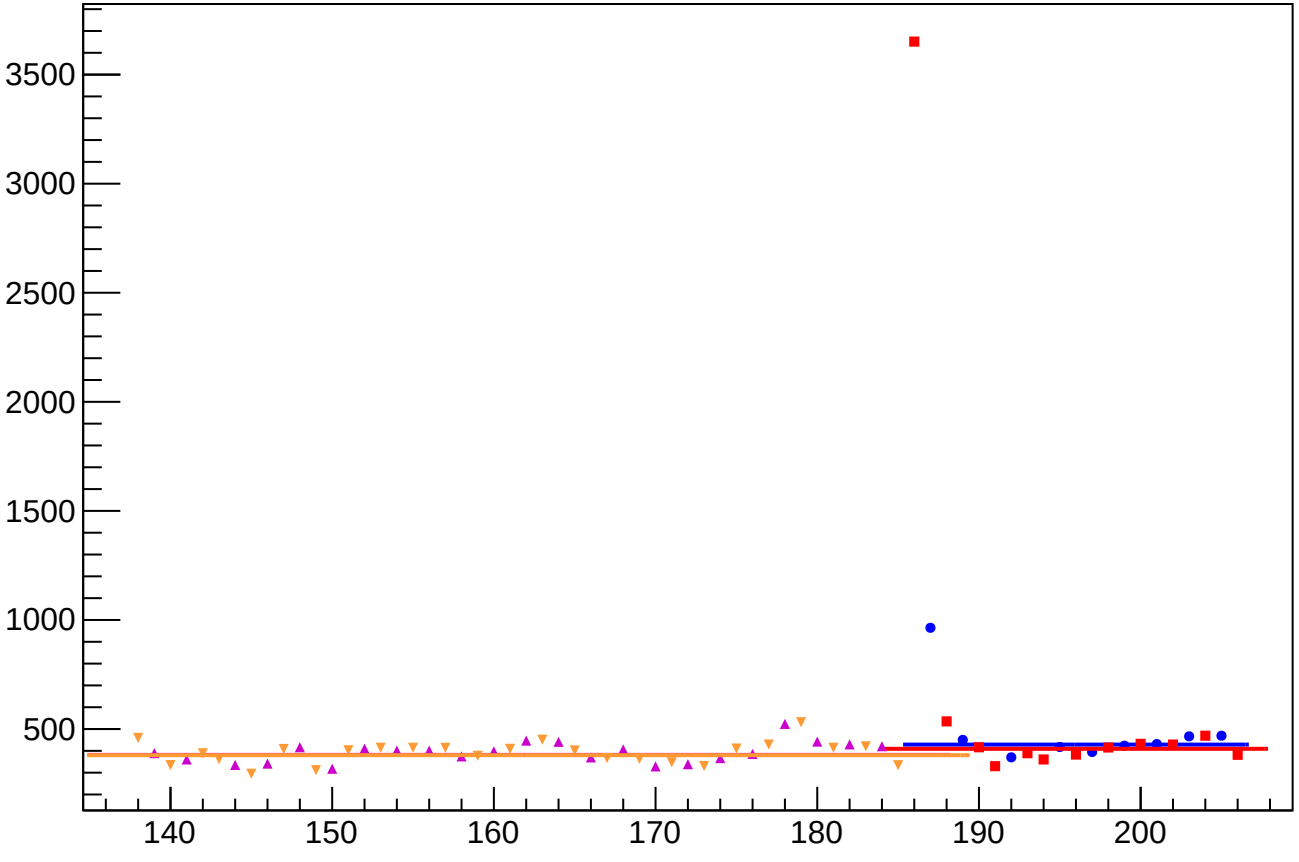
Right: -1.773+/-112.665 χ^2/NDF: 19.5/20

In: -1.828+/-81.494 χ^2/NDF:39.9/31

Out: 180.130+/-76.459 χ^2/NDF:45.5/36

All: 94.945+/-55.760 χ^2/NDF: 88.0/68

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 428.680+/-0.126 χ^2/NDF: 151190.6/8

Left Out: 380.206+/-0.064 χ^2/NDF:616620.6/24

Right Out: 409.359+/-0.103 χ^2/NDF: 789036.5/11

Left In: 381.474+/-0.065 χ^2/NDF:461021.8/22

Left: 380.828+/-0.045 χ^2/NDF: 1077837.5/47

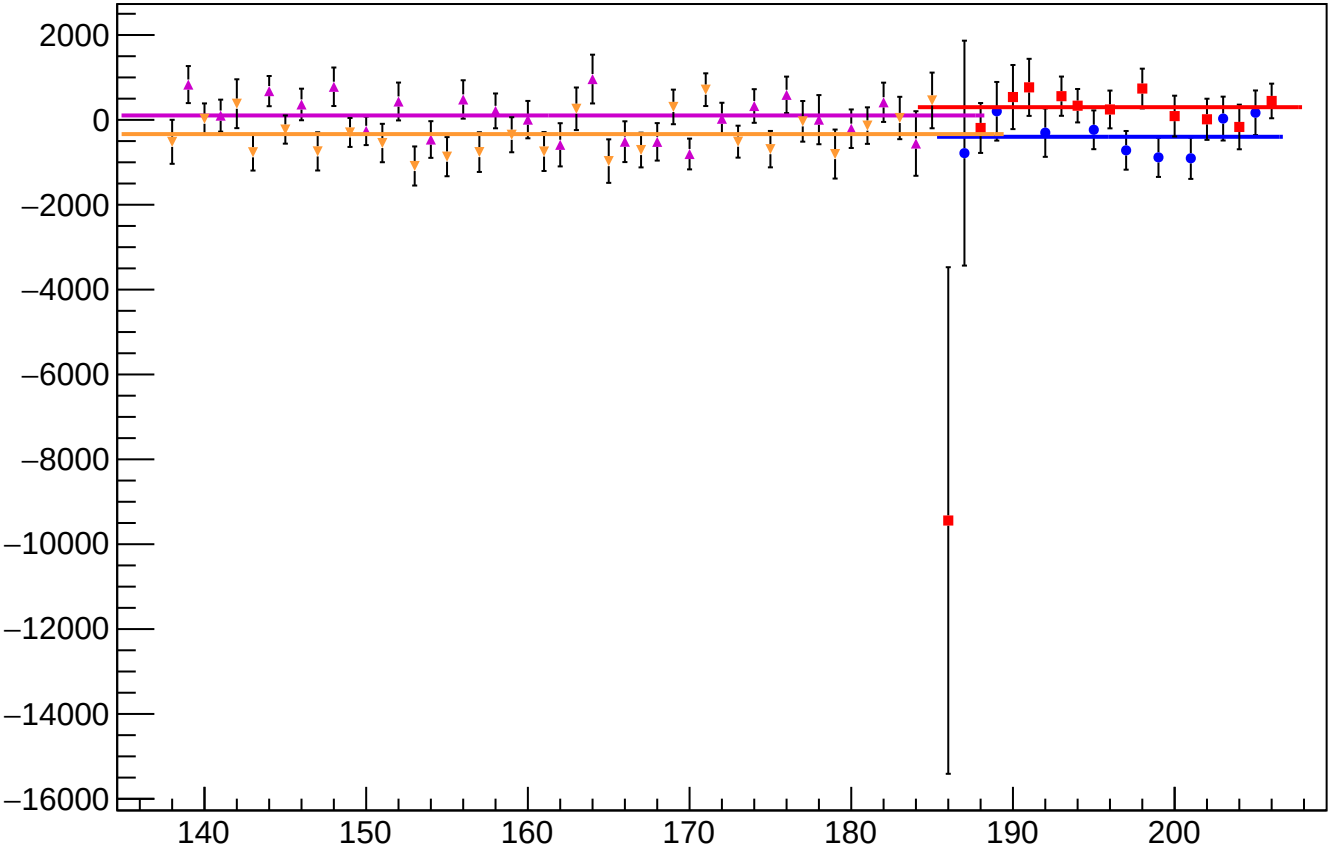
Right: 417.103+/-0.080 χ^2/NDF: 954353.4/20

In: 391.373+/-0.058 χ^2/NDF:723426.0/31

Out: 388.251+/-0.054 χ^2/NDF:1463751.4/36

All: 389.713+/-0.039 χ^2/NDF: 2188738.1/68

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -398.629+/-179.060 χ^2/NDF: 5.5/8

Left Out: -335.242+/-87.706 χ^2/NDF:28.3/24

Right Out: 299.070+/-147.736 χ^2/NDF: 6.6/11

Left In: 104.117+/-89.613 χ^2/NDF:29.7/22

Left: -120.287+/-62.681 χ^2/NDF: 70.2/47

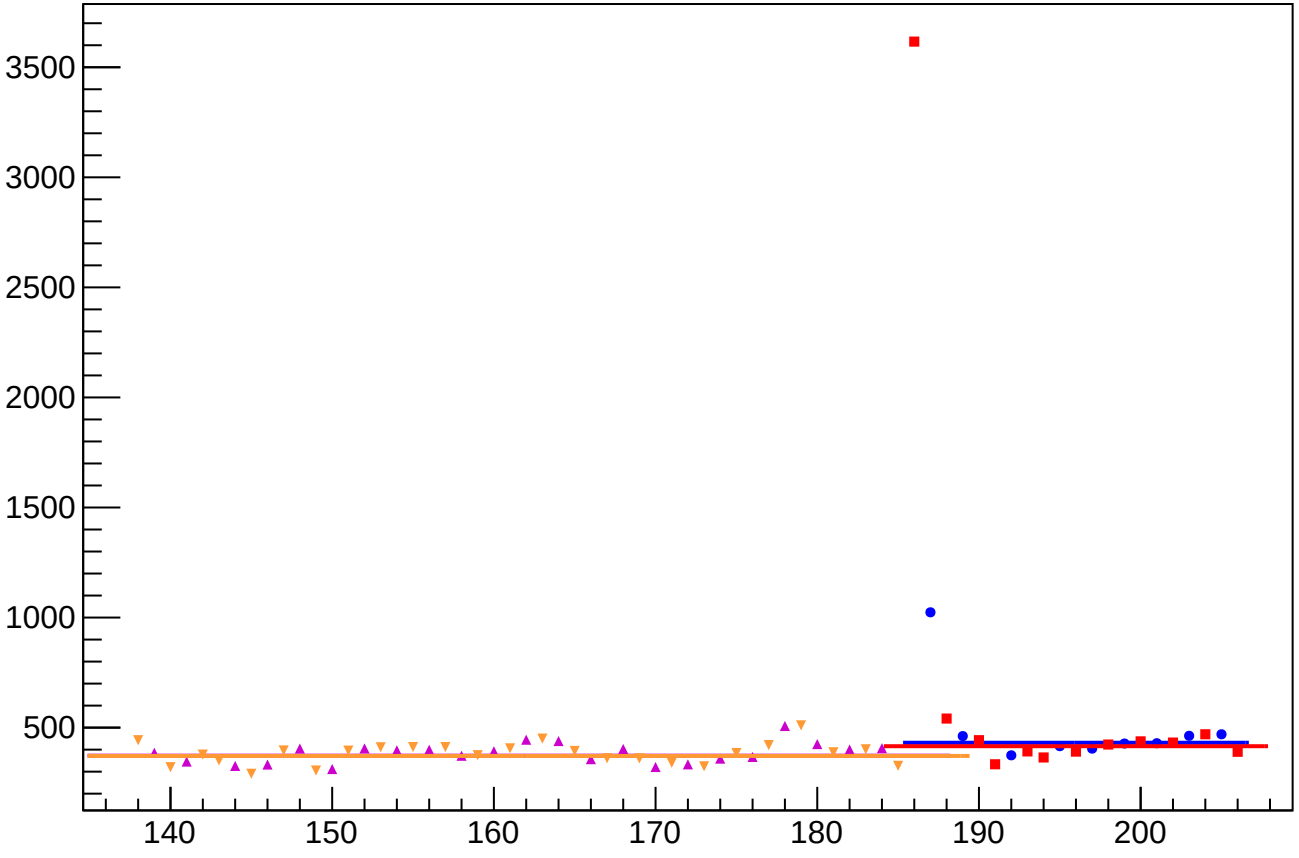
Right: 16.488+/-113.956 χ^2/NDF: 21.1/20

In: 3.419+/-80.138 χ^2/NDF:41.4/31

Out: -169.943+/-75.417 χ^2/NDF:48.5/36

All: -88.518+/-54.921 χ^2/NDF: 92.4/68

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 431.321+/-0.127 χ^2/NDF: 151325.9/8

Left Out: 371.375+/-0.062 χ^2/NDF:604123.3/24

Right Out: 415.551+/-0.104 χ^2/NDF: 780023.3/11

Left In: 372.574+/-0.063 χ^2/NDF:464397.2/22

Left: 371.962+/-0.044 χ^2/NDF: 1068703.4/47

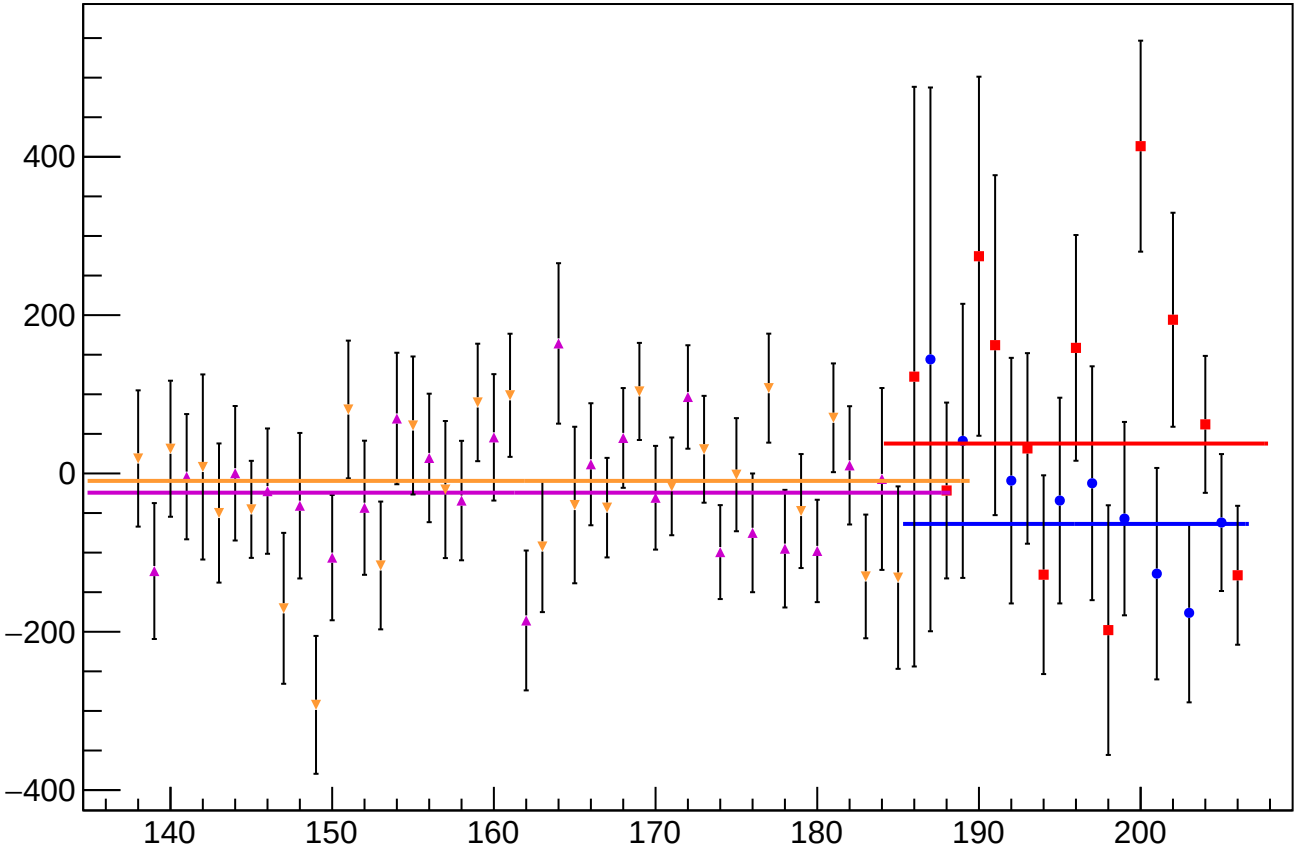
Right: 421.938+/-0.081 χ^2/NDF: 940579.5/20

In: 384.341+/-0.057 χ^2/NDF:787883.1/31

Out: 382.887+/-0.053 χ^2/NDF:1516367.4/36

All: 383.570+/-0.039 χ^2/NDF: 2304599.5/68

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -63.749+/-43.709 χ^2/NDF: 2.2/8

Left Out: -9.398+/-15.471 χ^2/NDF:34.7/24

Right Out: 37.763+/-37.112 χ^2/NDF: 19.4/11

Left In: -24.293+/-16.034 χ^2/NDF:21.1/22

Left: -16.580+/-11.133 χ^2/NDF: 56.3/47

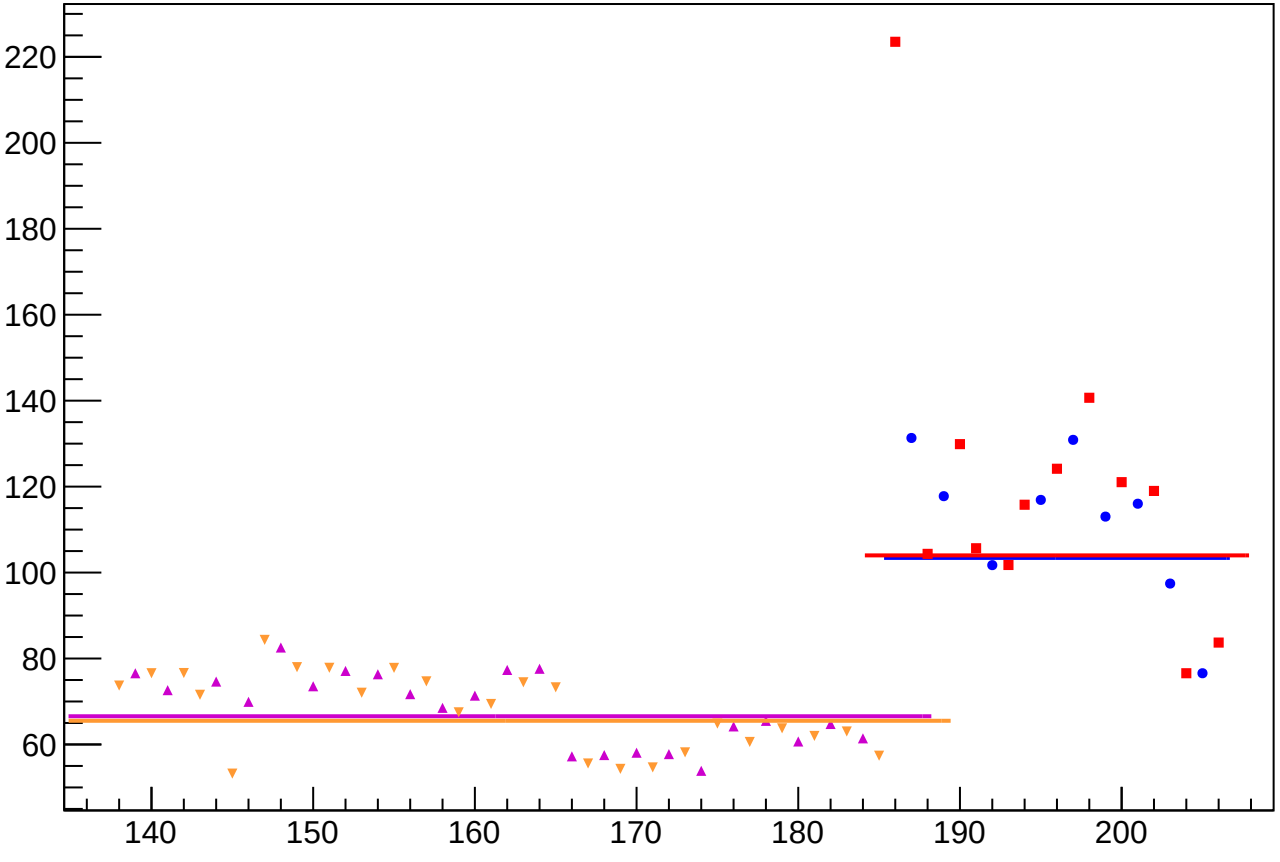
Right: -4.763+/-28.290 χ^2/NDF: 24.8/20

In: -28.973+/-15.053 χ^2/NDF:24.1/31

Out: -2.415+/-14.280 χ^2/NDF:55.5/36

All: -14.995+/-10.360 χ^2/NDF: 81.2/68

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 103.414+/-0.031 χ^2/NDF: 346267.2/8

Left Out: 65.512+/-0.011 χ^2/NDF:666993.4/24

Right Out: 103.998+/-0.026 χ^2/NDF: 771022.7/11

Left In: 66.564+/-0.011 χ^2/NDF:521302.1/22

Left: 66.019+/-0.008 χ^2/NDF: 1192752.0/47

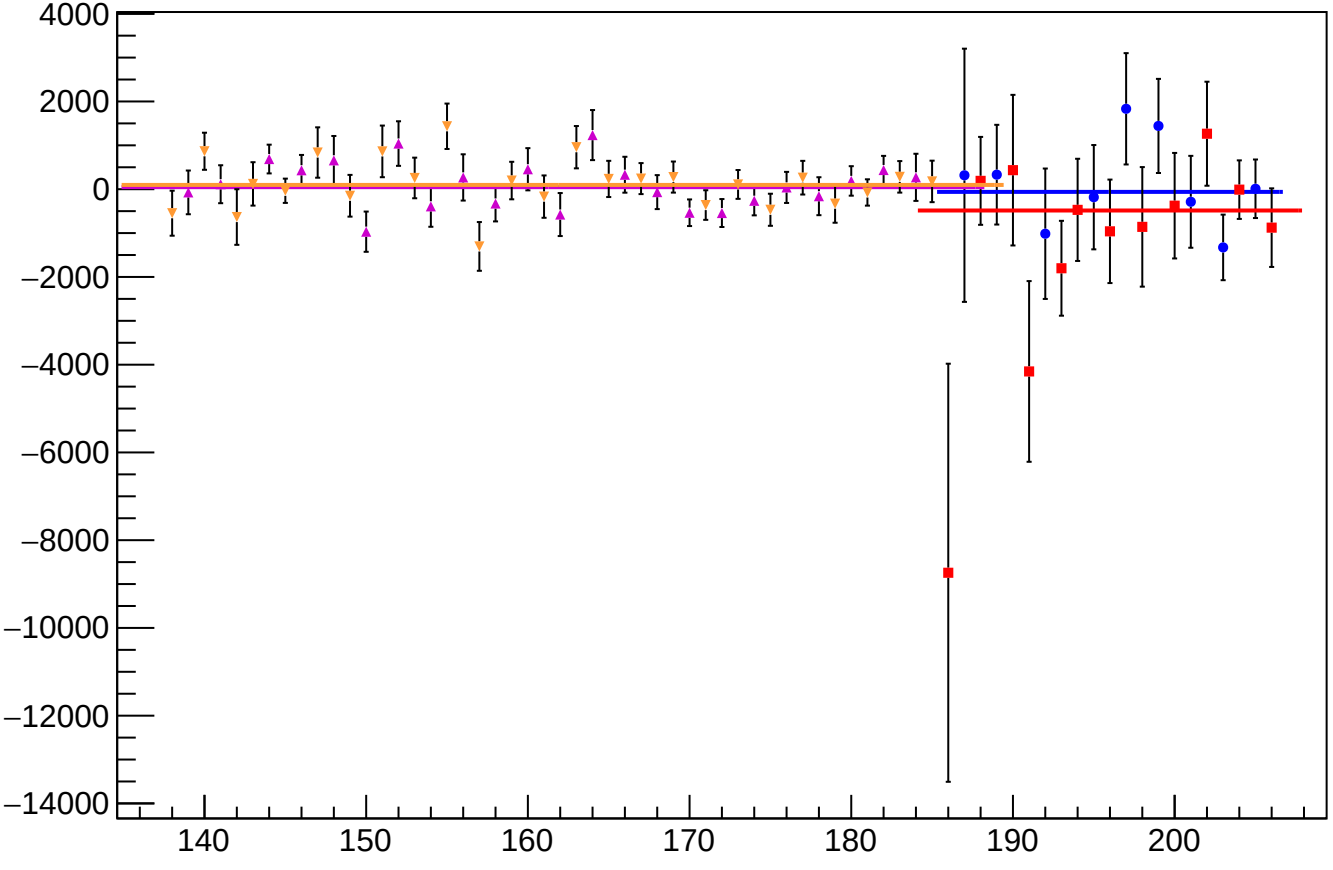
Right: 103.753+/-0.020 χ^2/NDF: 1117497.0/20

In: 70.934+/-0.011 χ^2/NDF:2120582.3/31

Out: 71.210+/-0.010 χ^2/NDF:3270388.4/36

All: 71.079+/-0.007 χ^2/NDF: 5391323.4/68

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -61.035+/-343.129 χ^2/NDF: 7.7/8

Left Out: 97.420+/-82.238 χ^2/NDF:33.3/24

Right Out: -485.329+/-326.847 χ^2/NDF: 11.5/11

Left In: 46.660+/-83.857 χ^2/NDF:34.2/22

Left: 72.535+/-58.715 χ^2/NDF: 67.7/47

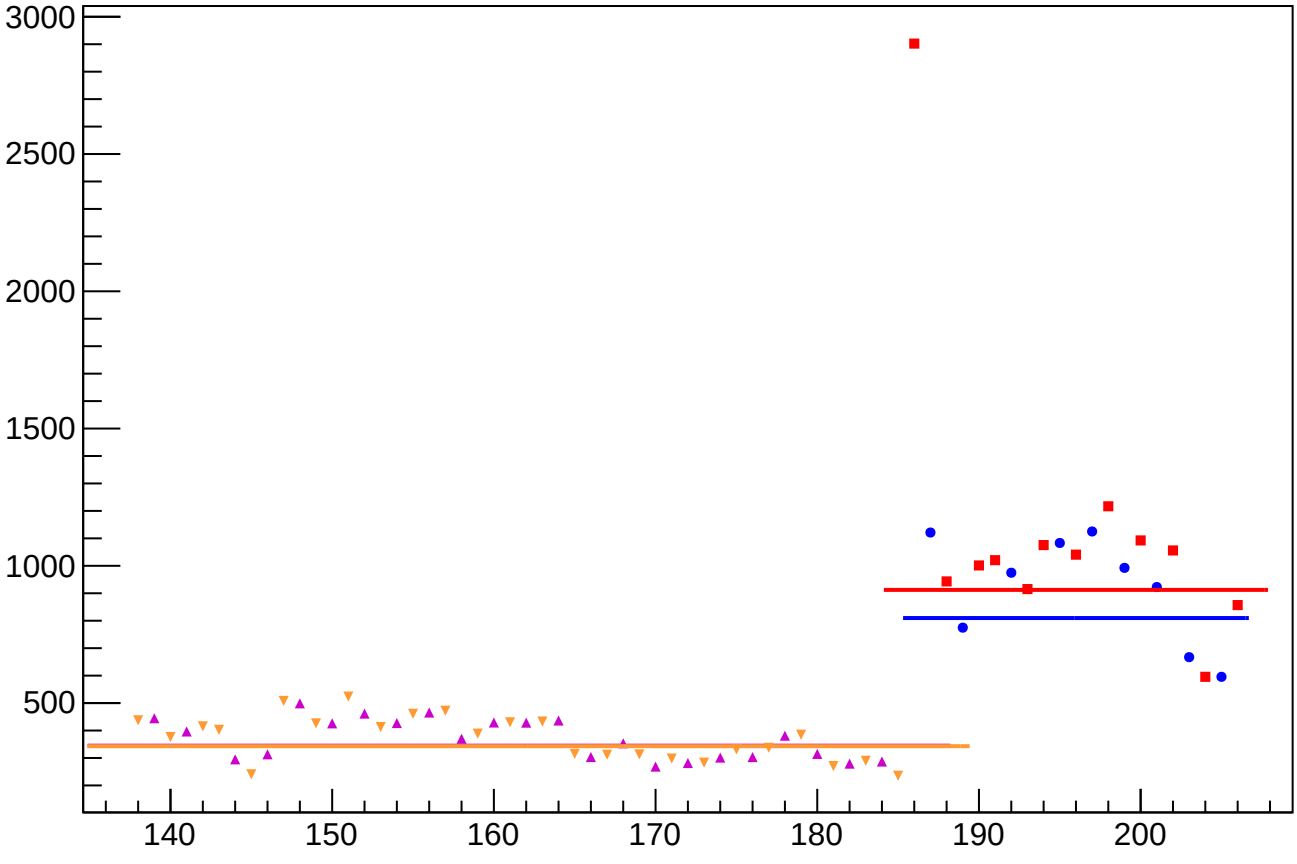
Right: -283.487+/-236.662 χ^2/NDF: 20.0/20

In: 40.590+/-81.460 χ^2/NDF:42.0/31

Out: 62.724+/-79.752 χ^2/NDF:47.8/36

All: 51.892+/-56.988 χ^2/NDF: 89.9/68

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 809.751+/-0.243 χ^2/NDF: 639216.5/8

Left Out: 342.995+/-0.058 χ^2/NDF:1665121.0/24

Right Out: 912.299+/-0.231 χ^2/NDF: 1056888.2/11

Left In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

Left: 343.889+/-0.042 χ^2/NDF: 2930147.7/47

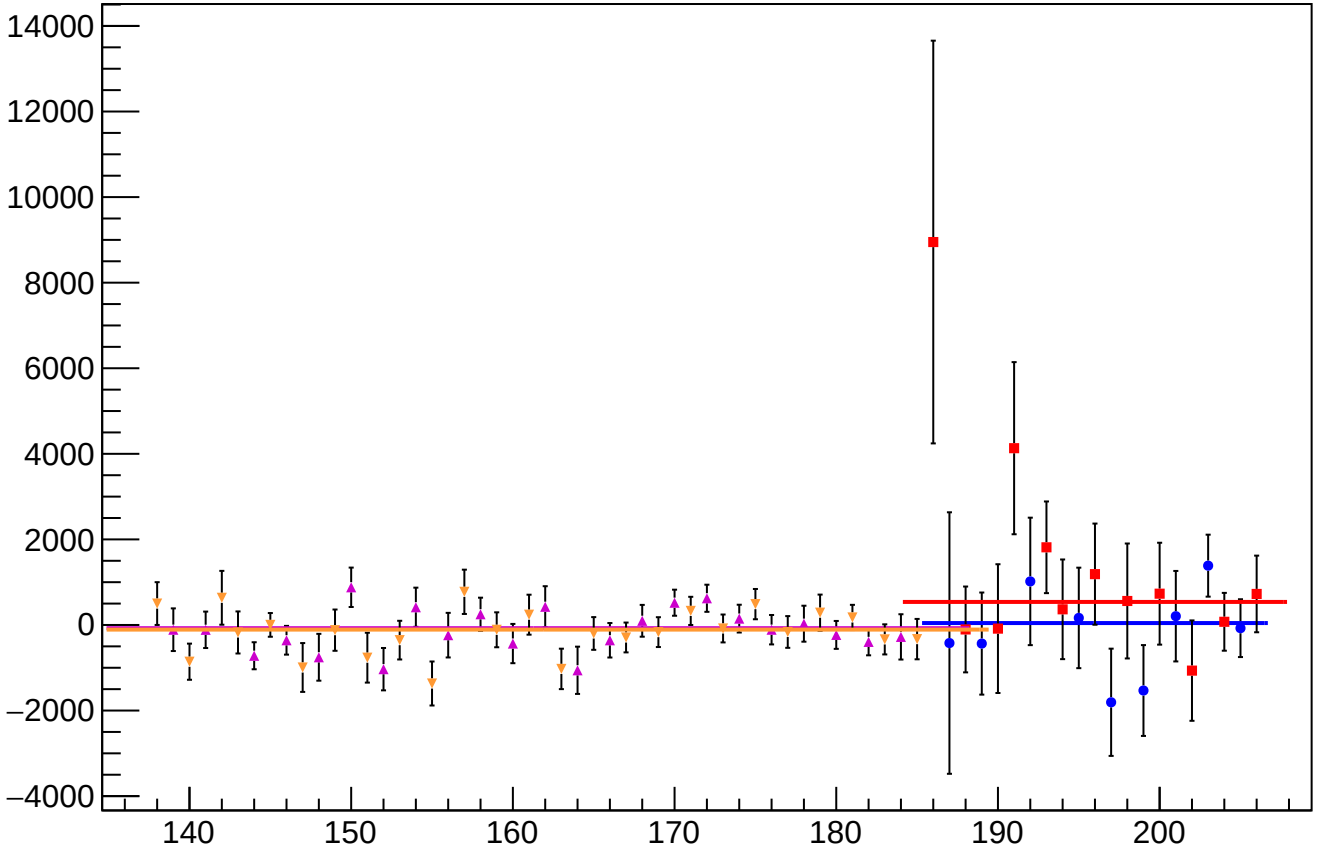
Right: 863.515+/-0.167 χ^2/NDF: 1789761.3/20

In: 371.022+/-0.058 χ^2/NDF:5368756.5/31

Out: 376.891+/-0.056 χ^2/NDF:8428517.5/36

All: 374.018+/-0.040 χ^2/NDF: 13802574.3/68

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 44.885+/-342.973 χ^2/NDF: 8.5/8

Left Out: -108.037+/-80.579 χ^2/NDF:30.9/24

Right Out: 538.584+/-324.857 χ^2/NDF: 11.1/11

Left In: -74.986+/-81.949 χ^2/NDF:32.7/22

Left: -91.790+/-57.456 χ^2/NDF: 63.6/47

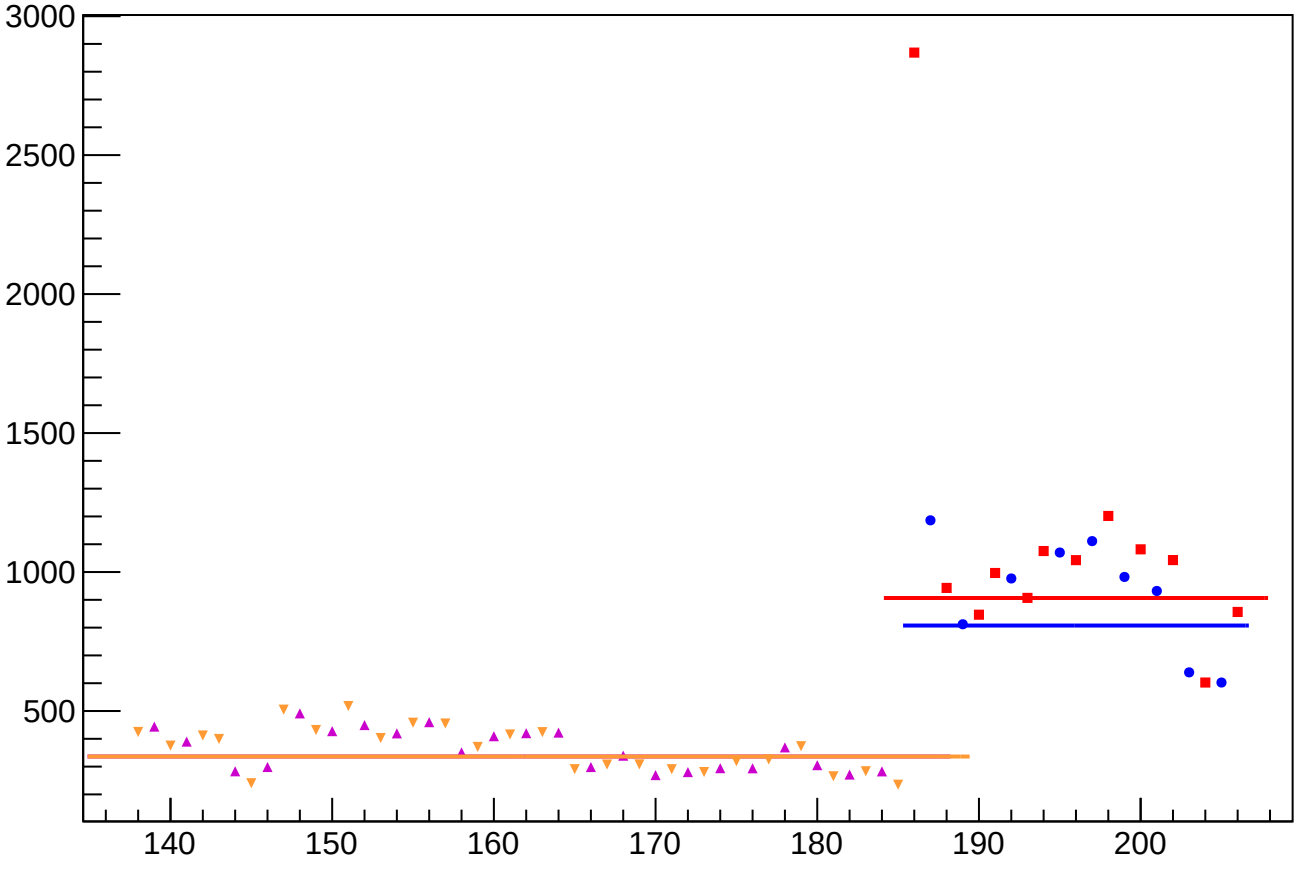
Right: 305.117+/-235.853 χ^2/NDF: 20.7/20

In: -68.512+/-79.706 χ^2/NDF:41.3/31

Out: -70.558+/-78.209 χ^2/NDF:45.7/36

All: -69.554+/-55.824 χ^2/NDF: 87.0/68

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 807.511+/-0.243 χ^2/NDF: 648443.7/8

Left Out: 336.231+/-0.057 χ^2/NDF:1659693.0/24

Right Out: 906.611+/-0.230 χ^2/NDF: 1004472.2/11

Left In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

Left: 336.312+/-0.041 χ^2/NDF: 2929284.8/47

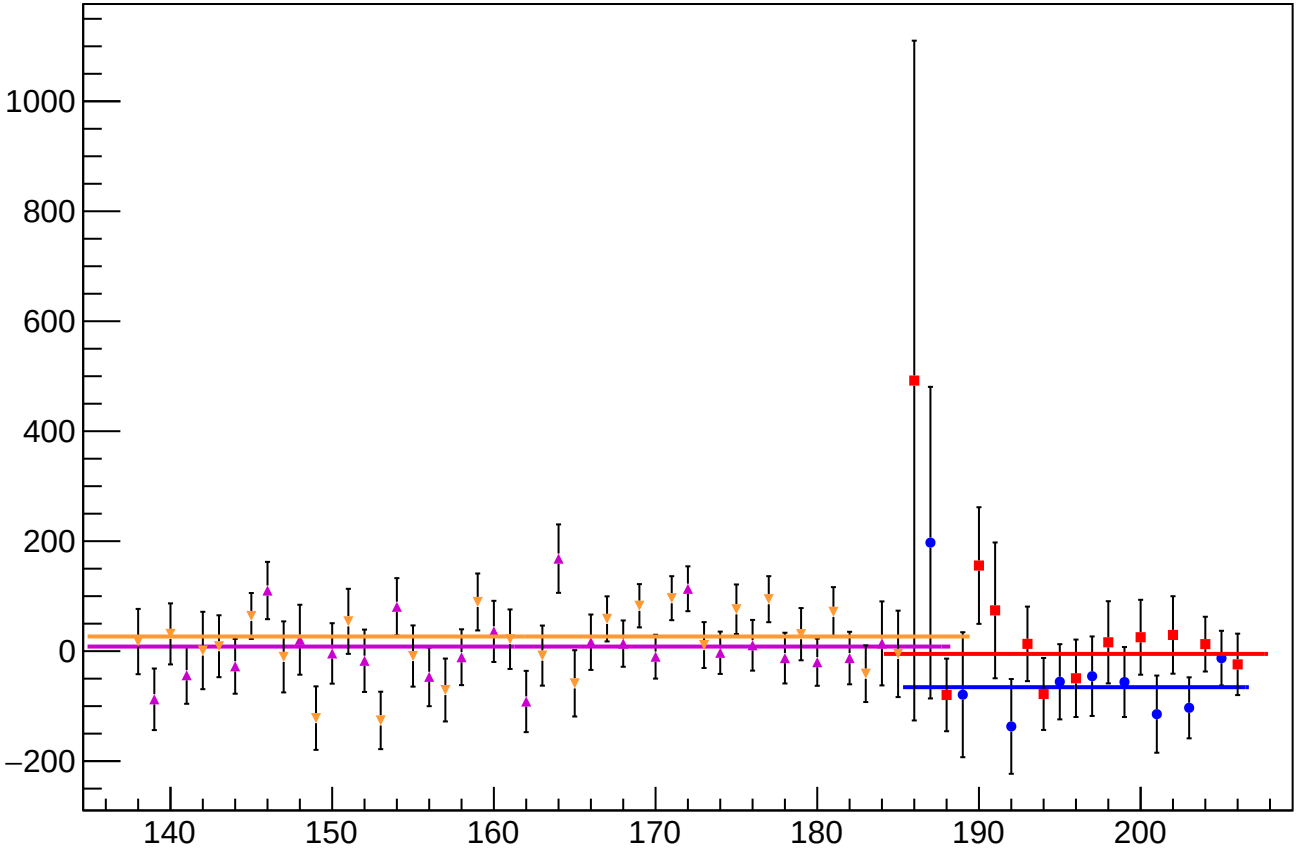
Right: 859.747+/-0.167 χ^2/NDF: 1740931.3/20

In: 361.840+/-0.056 χ^2/NDF:5487894.9/31

Out: 369.291+/-0.055 χ^2/NDF:8472388.8/36

All: 365.636+/-0.039 χ^2/NDF: 13969187.4/68

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -65.543+/-23.520 χ^2/NDF: 3.7/8

Left Out: 26.633+/-10.090 χ^2/NDF:36.5/24

Right Out: -5.006+/-20.588 χ^2/NDF: 7.1/11

Left In: 8.325+/-10.361 χ^2/NDF:29.6/22

Left: 17.721+/-7.229 χ^2/NDF: 67.7/47

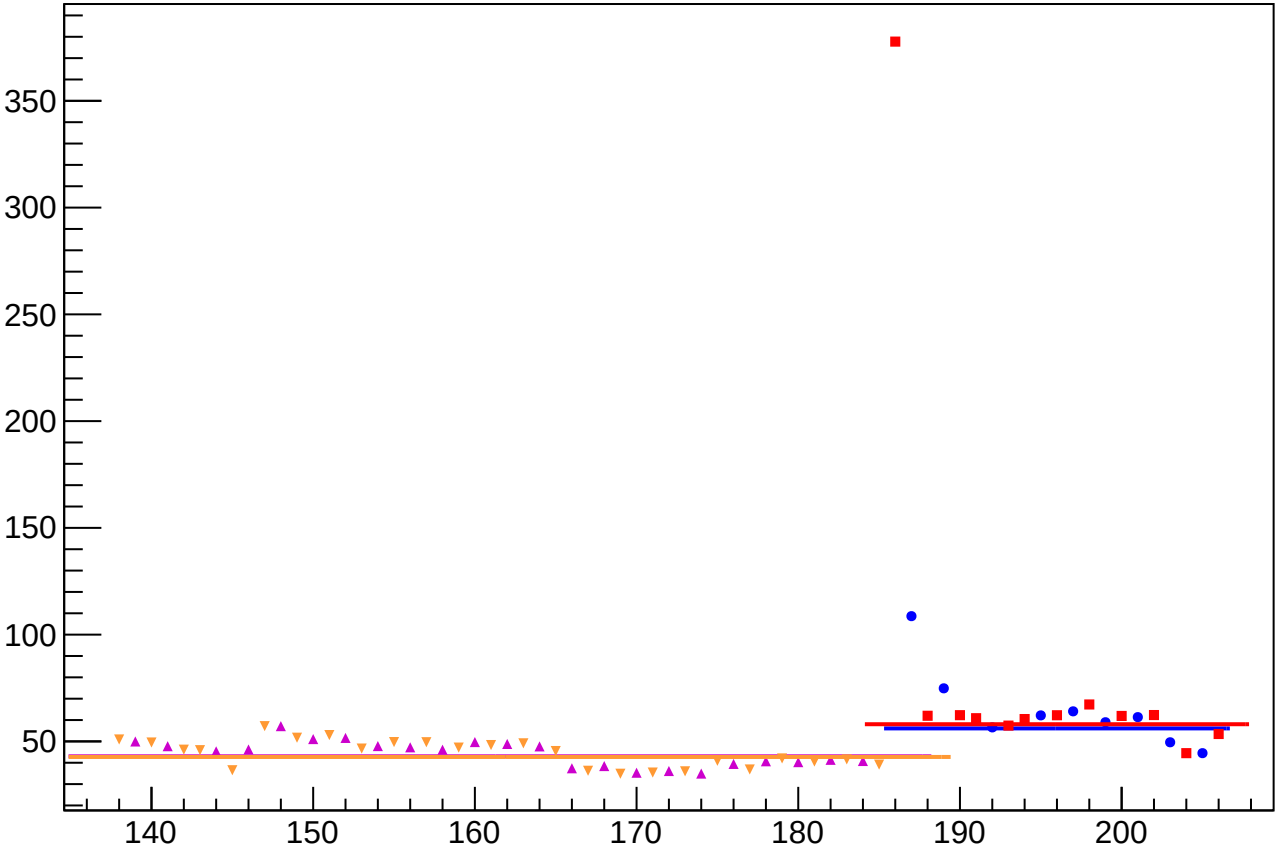
Right: -31.267+/-15.491 χ^2/NDF: 14.6/20

In: -3.679+/-9.482 χ^2/NDF:41.6/31

Out: 20.505+/-9.061 χ^2/NDF:45.5/36

All: 8.962+/-6.551 χ^2/NDF: 90.5/68

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 56.084+/-0.017 χ^2/NDF: 315102.9/8

Left Out: 42.716+/-0.007 χ^2/NDF:771558.7/24

Right Out: 58.043+/-0.015 χ^2/NDF: 762626.8/11

Left In: 43.021+/-0.007 χ^2/NDF:642598.9/22

Left: 42.865+/-0.005 χ^2/NDF: 1415050.2/47

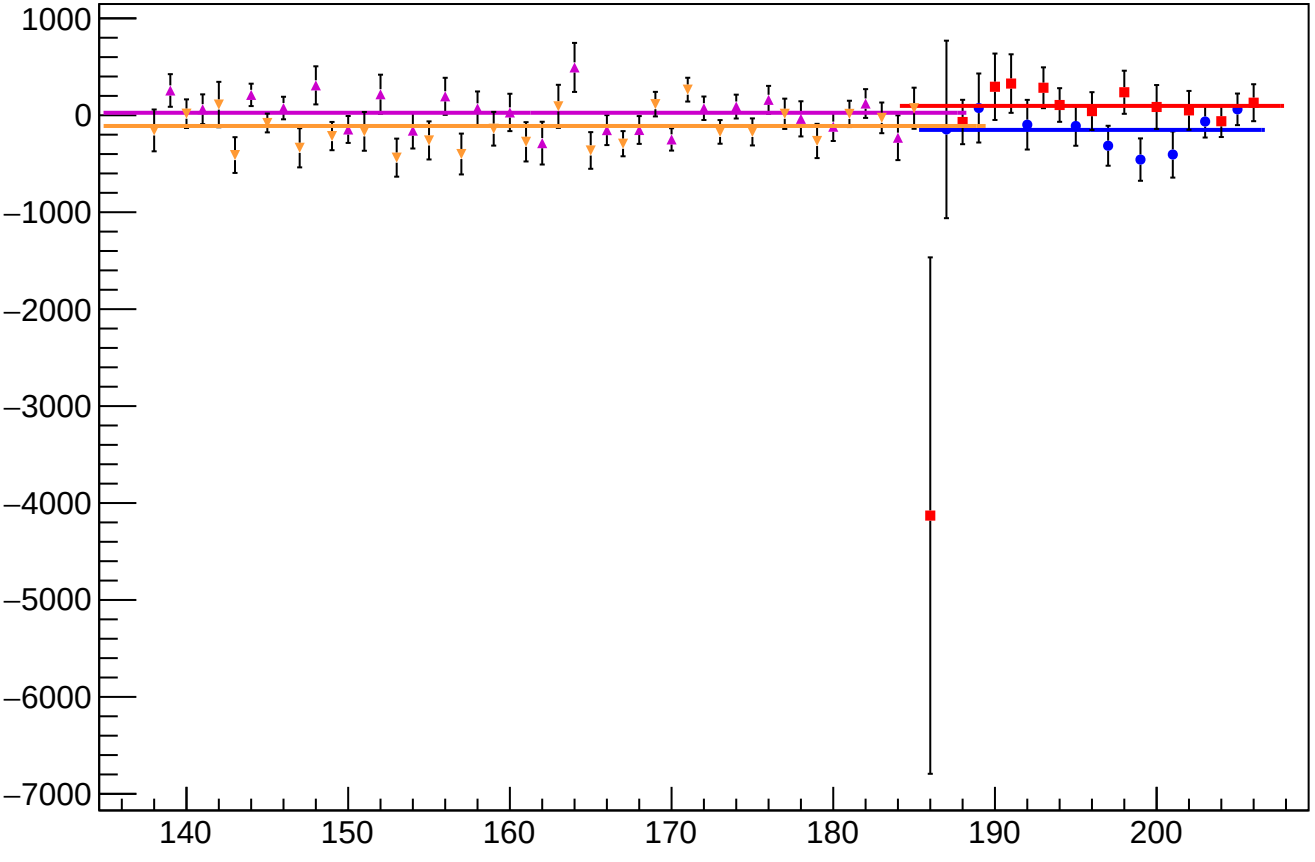
Right: 57.193+/-0.011 χ^2/NDF: 1085582.3/20

In: 45.144+/-0.007 χ^2/NDF:1474376.3/31

Out: 45.685+/-0.006 χ^2/NDF:2427999.6/36

All: 45.427+/-0.005 χ^2/NDF: 3905770.2/68

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -150.845+/-73.555 χ^2/NDF: 6.2/8

Left Out: -110.340+/-31.717 χ^2/NDF:33.0/24

Right Out: 96.788+/-63.181 χ^2/NDF: 6.3/11

Left In: 25.828+/-32.100 χ^2/NDF:29.0/22

Left: -43.073+/-22.561 χ^2/NDF: 71.1/47

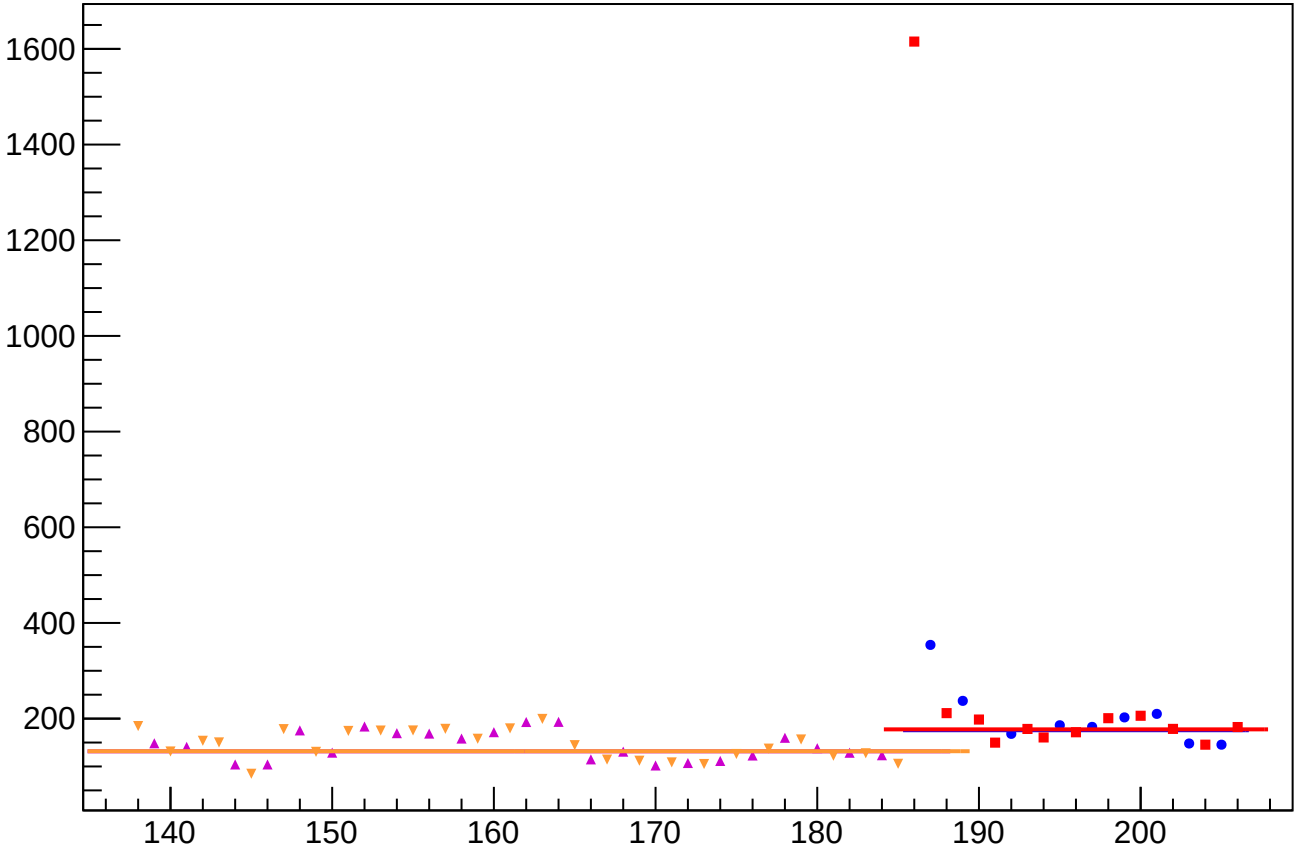
Right: -8.349+/-47.928 χ^2/NDF: 19.0/20

In: -2.436+/-29.420 χ^2/NDF:40.0/31

Out: -68.649+/-28.346 χ^2/NDF:47.8/36

All: -36.774+/-20.413 χ^2/NDF: 90.5/68

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 175.771+/-0.052 χ^2/NDF: 341289.8/8

Left Out: 131.875+/-0.022 χ^2/NDF:1806379.2/24

Right Out: 177.546+/-0.045 χ^2/NDF: 803906.4/11

Left In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

Left: 131.754+/-0.016 χ^2/NDF: 3210130.7/47

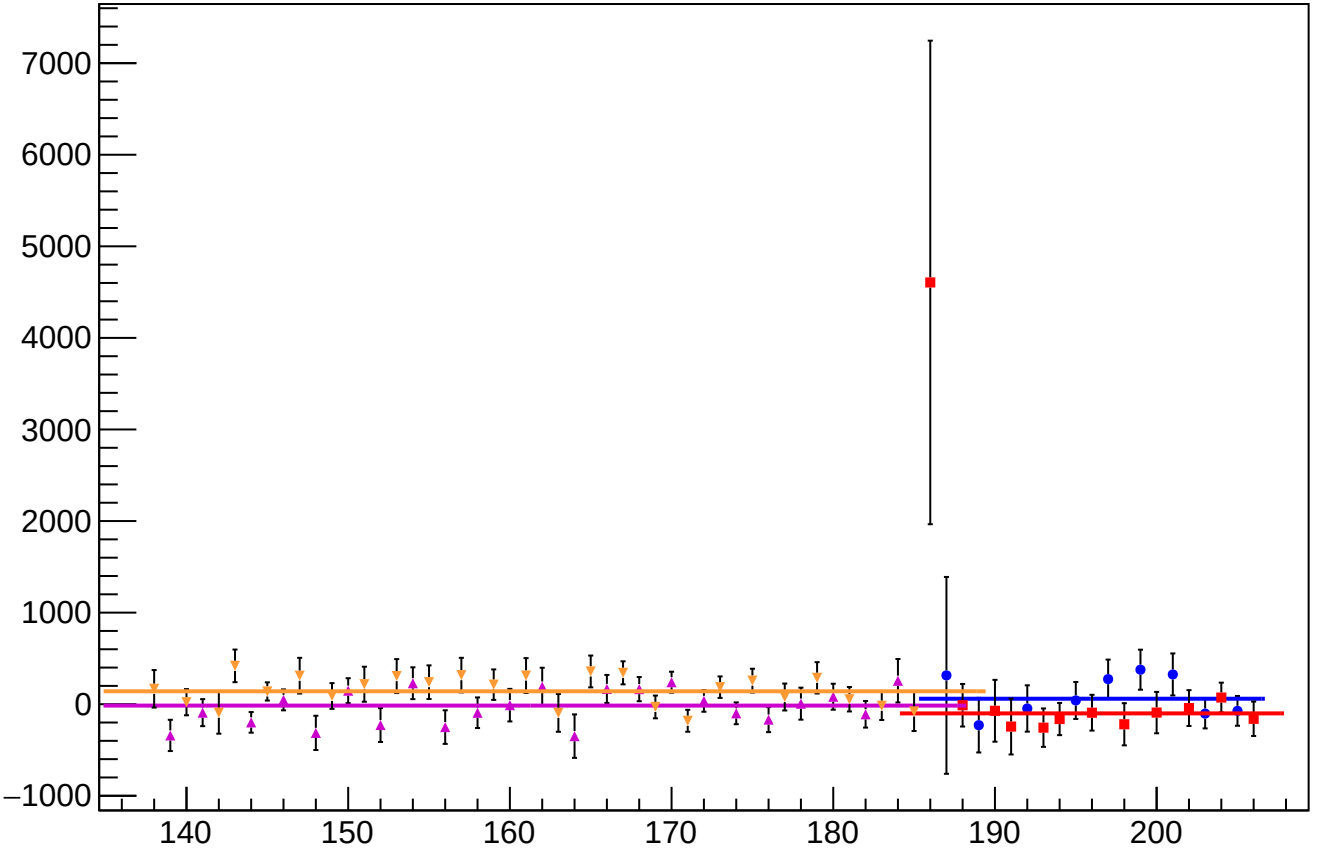
Right: 176.792+/-0.034 χ^2/NDF: 1145866.8/20

In: 138.691+/-0.021 χ^2/NDF:2350020.8/31

Out: 141.067+/-0.020 χ^2/NDF:3445004.7/36

All: 139.923+/-0.014 χ^2/NDF: 5801791.1/68

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 59.799+/-72.489 χ^2/NDF: 7.3/8

Left Out: 141.008+/-30.636 χ^2/NDF:27.1/24

Right Out: -100.301+/-63.227 χ^2/NDF: 5.8/11

Left In: -15.199+/-31.033 χ^2/NDF:31.4/22

Left: 63.911+/-21.802 χ^2/NDF: 71.3/47

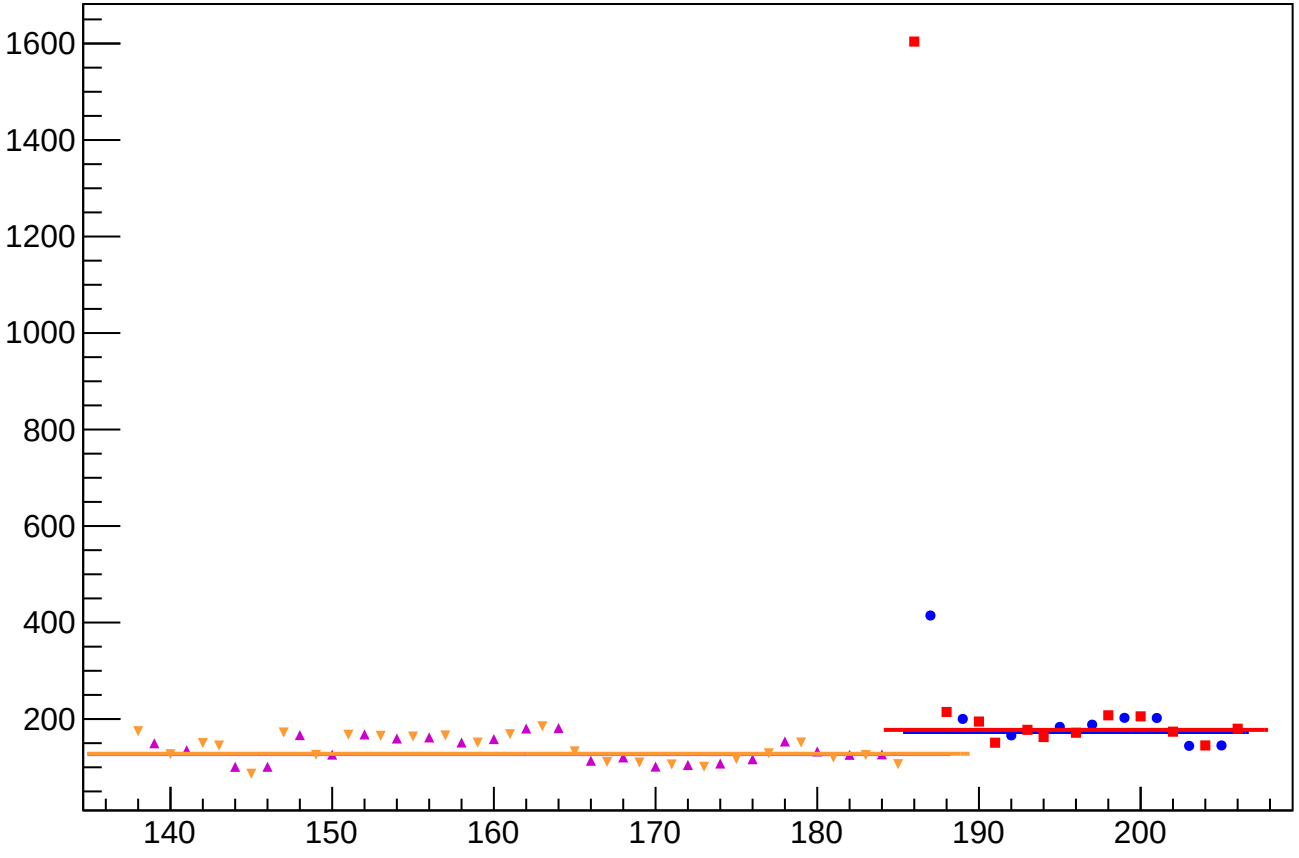
Right: -31.125+/-47.649 χ^2/NDF: 15.9/20

In: -3.583+/-28.529 χ^2/NDF:39.6/31

Out: 95.127+/-27.570 χ^2/NDF:44.8/36

All: 47.459+/-19.825 χ^2/NDF: 90.5/68

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 173.197+/-0.051 χ^2/NDF: 324947.2/8

Left Out: 128.060+/-0.022 χ^2/NDF:1530283.7/24

Right Out: 177.520+/-0.045 χ^2/NDF: 816220.8/11

Left In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

Left: 127.724+/-0.015 χ^2/NDF: 2760669.0/47

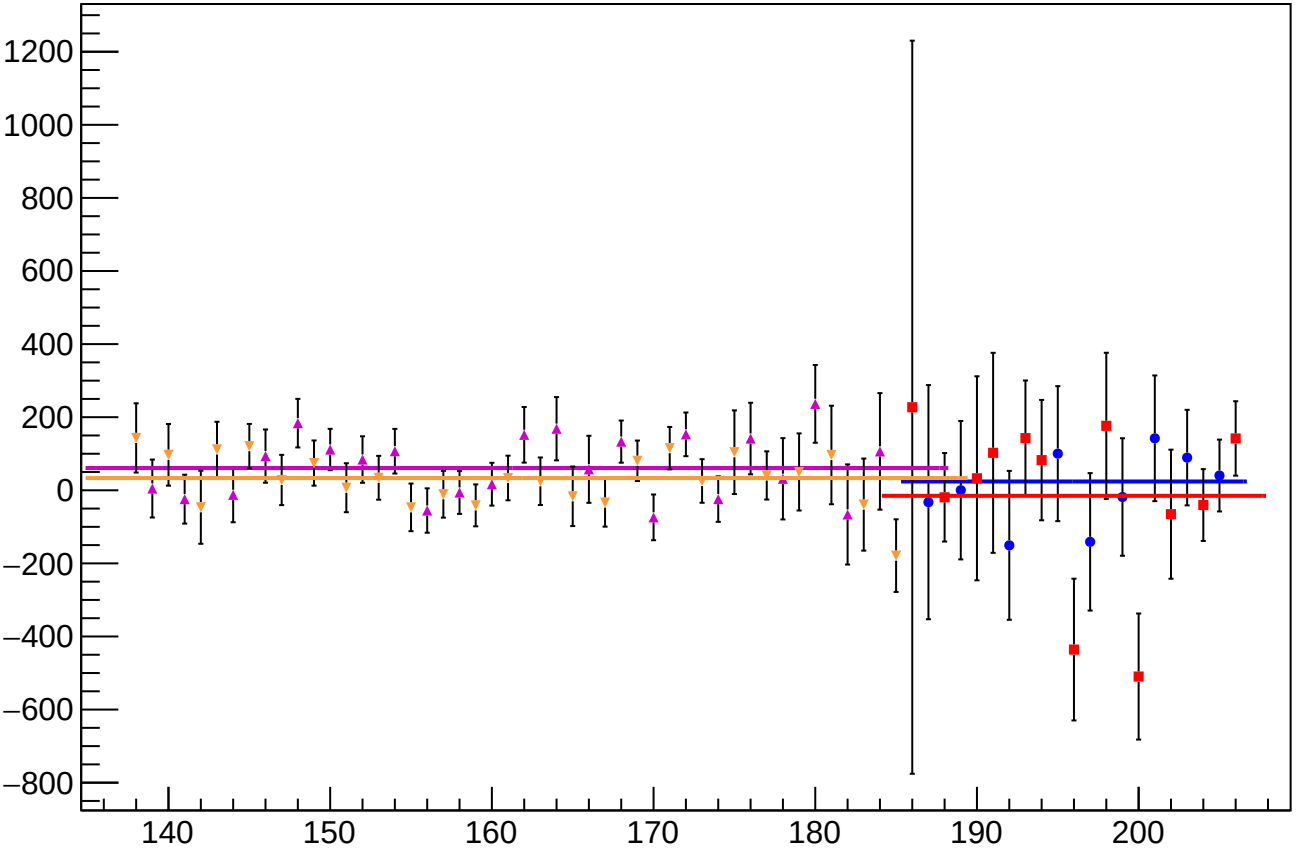
Right: 175.652+/-0.034 χ^2/NDF: 1145206.4/20

In: 134.476+/-0.020 χ^2/NDF:2230104.5/31

Out: 137.463+/-0.019 χ^2/NDF:3337664.2/36

All: 136.021+/-0.014 χ^2/NDF: 5579107.7/68

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 24.087+/-53.154 χ^2/NDF: 2.5/8

Left Out: 33.535+/-14.197 χ^2/NDF:19.7/24

Right Out: -15.129+/-45.183 χ^2/NDF: 18.0/11

Left In: 60.992+/-14.839 χ^2/NDF:31.6/22

Left: 46.656+/-10.258 χ^2/NDF: 53.0/47

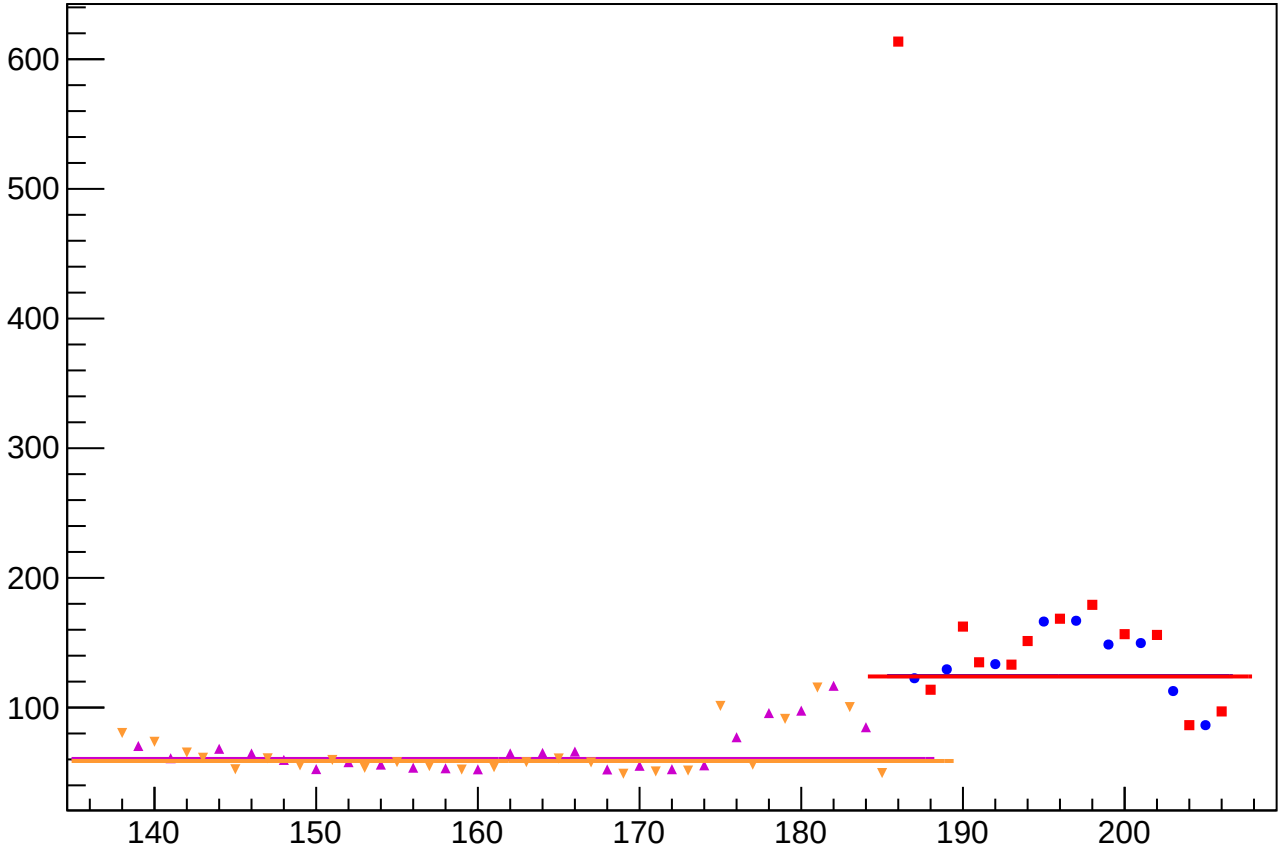
Right: 1.321+/-34.426 χ^2/NDF: 20.9/20

In: 58.323+/-14.293 χ^2/NDF:34.6/31

Out: 29.162+/-13.544 χ^2/NDF:38.7/36

All: 42.959+/-9.831 χ^2/NDF: 75.5/68

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 124.259+/-0.038 χ^2/NDF: 614453.5/8

Left Out: 58.793+/-0.010 χ^2/NDF:1460561.7/24

Right Out: 123.972+/-0.032 χ^2/NDF: 1421875.5/11

Left In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

Left: 59.539+/-0.007 χ^2/NDF: 2689802.0/47

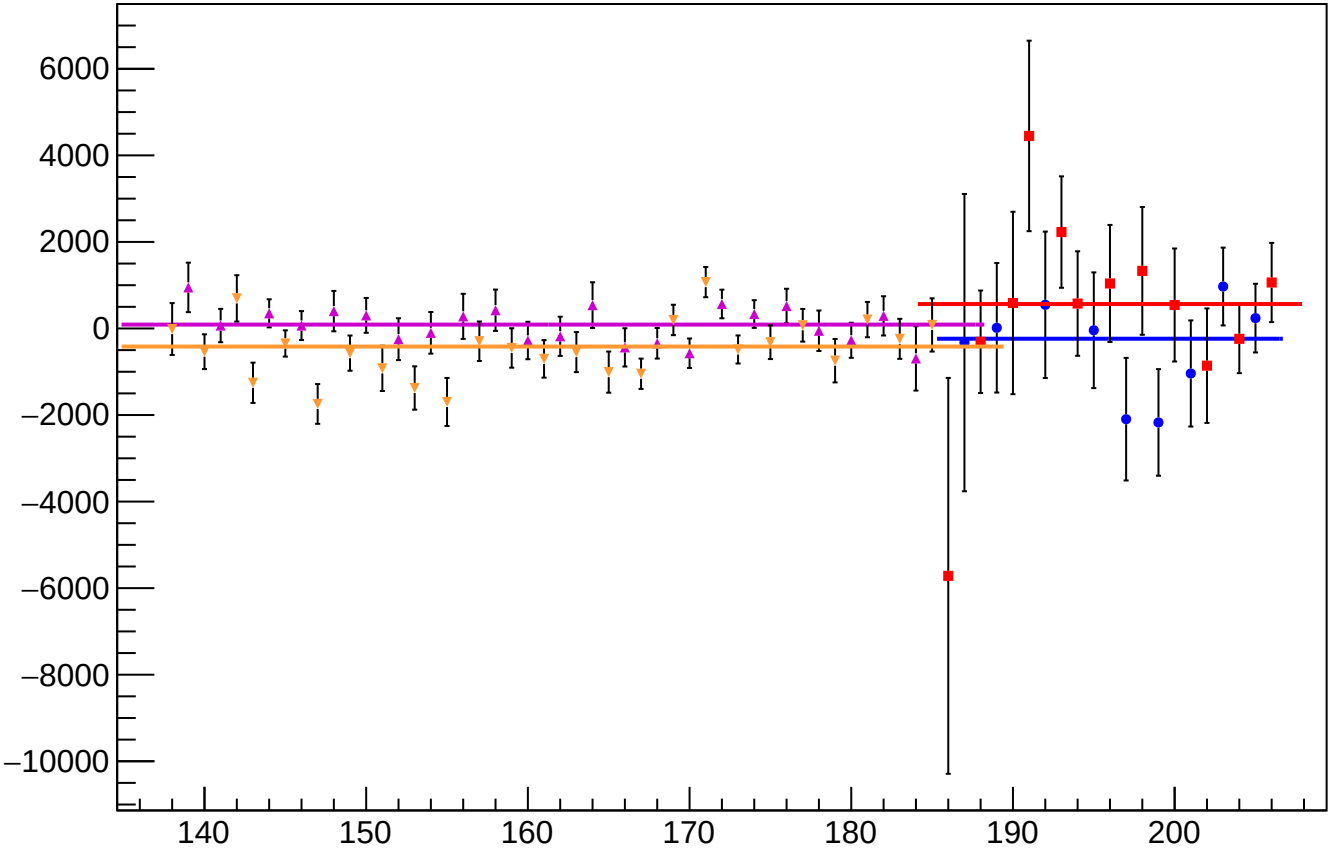
Right: 124.092+/-0.024 χ^2/NDF: 2036362.6/20

In: 64.975+/-0.010 χ^2/NDF:4513886.9/31

Out: 64.650+/-0.010 χ^2/NDF:6670523.3/36

All: 64.804+/-0.007 χ^2/NDF: 11184957.2/68

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -236.830+/-405.264 χ^2/NDF: 7.0/8

Left Out: -417.817+/-84.969 χ^2/NDF:58.5/24

Right Out: 564.664+/-366.935 χ^2/NDF: 10.1/11

Left In: 89.505+/-86.438 χ^2/NDF:19.4/22

Left: -168.504+/-60.595 χ^2/NDF: 95.4/47

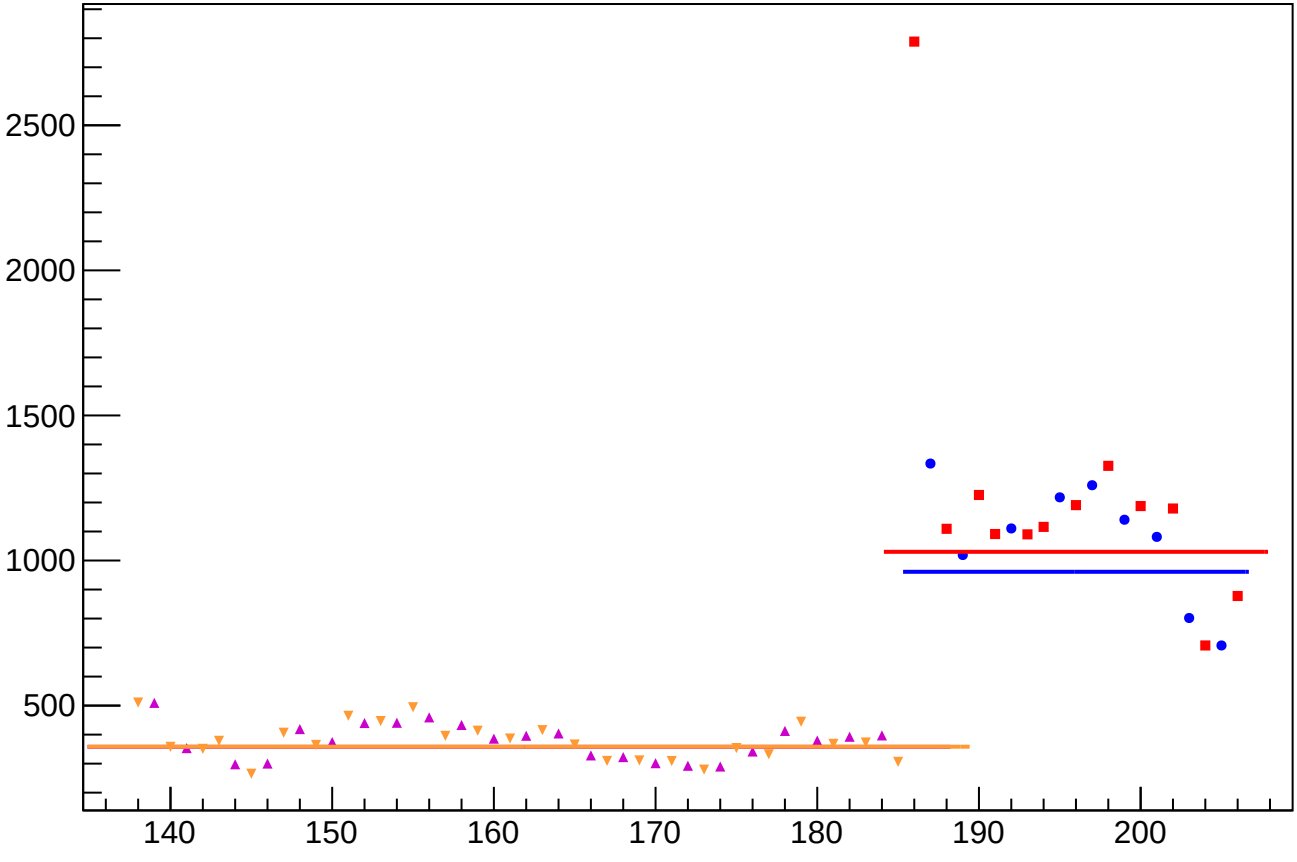
Right: 203.603+/-272.006 χ^2/NDF: 19.3/20

In: 75.305+/-84.537 χ^2/NDF:27.1/31

Out: -367.816+/-82.779 χ^2/NDF:75.4/36

All: -150.910+/-59.145 χ^2/NDF: 116.5/68

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 961.167+/-0.287 χ^2/NDF: 533758.6/8

Left Out: 358.349+/-0.060 χ^2/NDF:1011872.8/24

Right Out: 1030.027+/-0.259 χ^2/NDF: 887586.8/11

Left In: 357.802+/-0.061 χ^2/NDF:893330.5/22

Left: 358.080+/-0.043 χ^2/NDF: 1905244.1/47

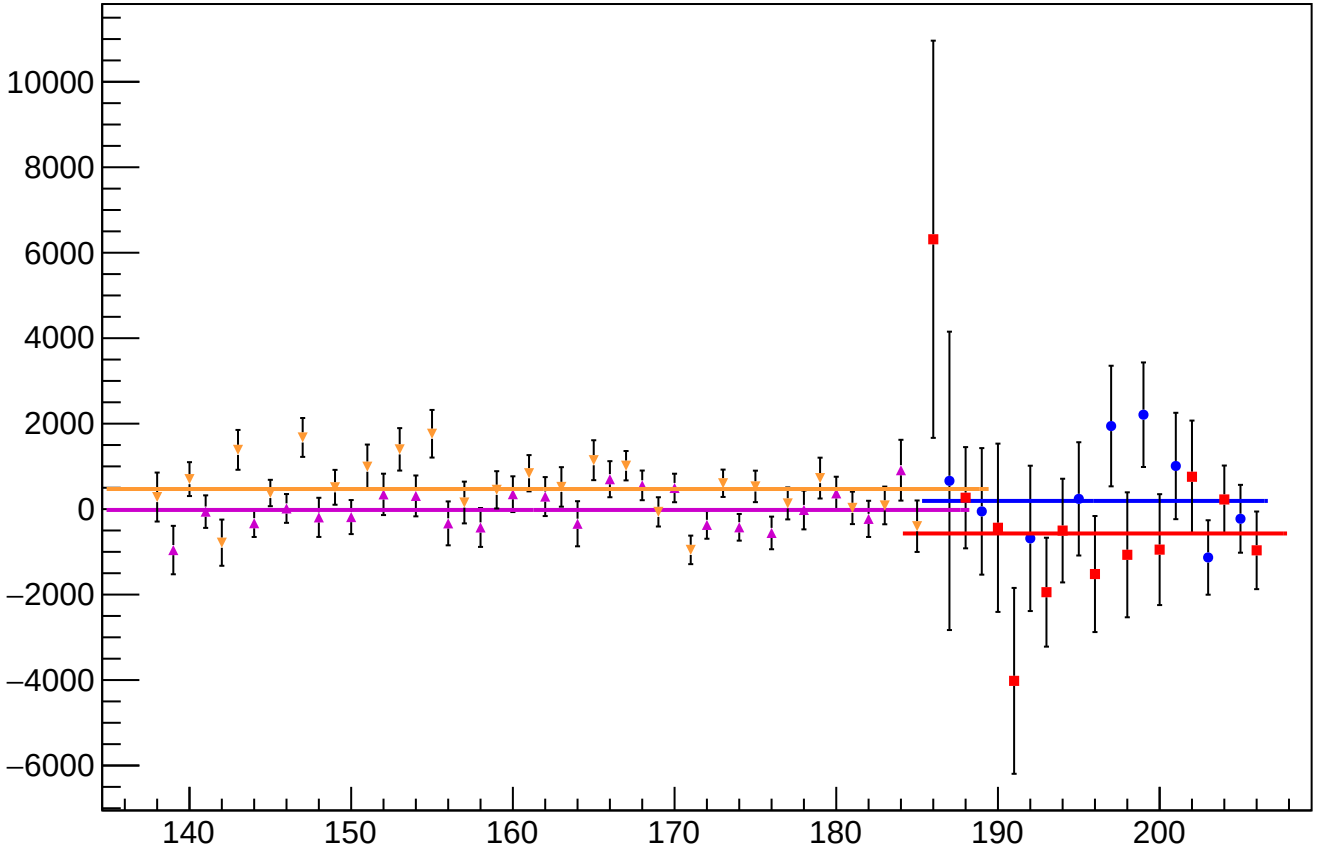
Right: 999.007+/-0.192 χ^2/NDF: 1453074.3/20

In: 384.056+/-0.060 χ^2/NDF:5667364.4/31

Out: 392.533+/-0.059 χ^2/NDF:8259916.2/36

All: 388.383+/-0.042 χ^2/NDF: 13937547.8/68

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 191.905+/-402.486 χ^2/NDF: 7.6/8

Left Out: 470.804+/-83.480 χ^2/NDF:58.7/24

Right Out: -569.896+/-365.045 χ^2/NDF: 9.3/11

Left In: -19.328+/-84.679 χ^2/NDF:23.7/22

Left: 229.235+/-59.449 χ^2/NDF: 99.4/47

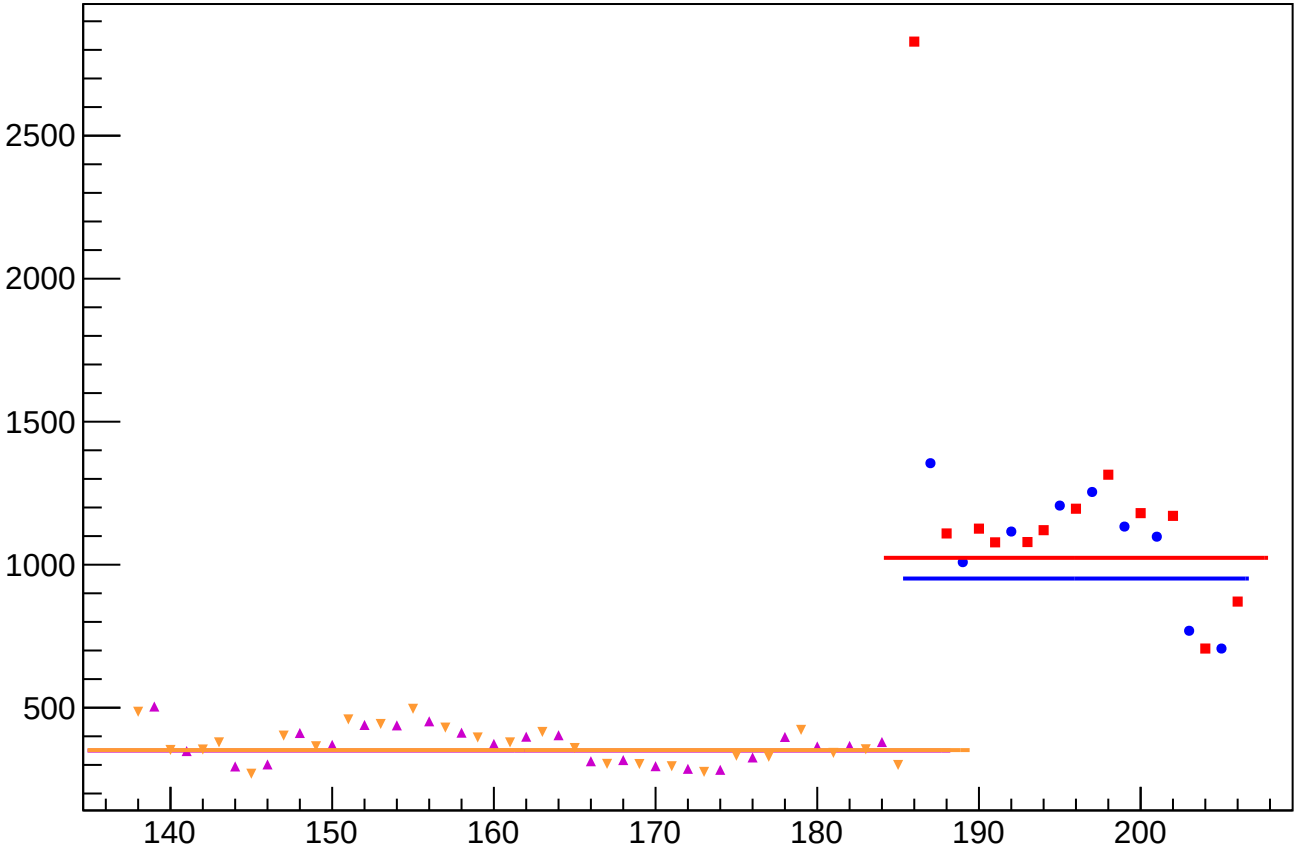
Right: -226.069+/-270.396 χ^2/NDF: 18.8/20

In: -10.374+/-82.865 χ^2/NDF:31.5/31

Out: 419.084+/-81.379 χ^2/NDF:75.7/36

All: 208.241+/-58.062 χ^2/NDF: 120.9/68

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 951.657+/-0.285 χ^2/NDF: 564116.5/8

Left Out: 351.777+/-0.059 χ^2/NDF:1016791.1/24

Right Out: 1024.028+/-0.258 χ^2/NDF: 875800.7/11

Left In: 350.037+/-0.060 χ^2/NDF:889435.7/22

Left: 350.919+/-0.042 χ^2/NDF: 1906655.0/47

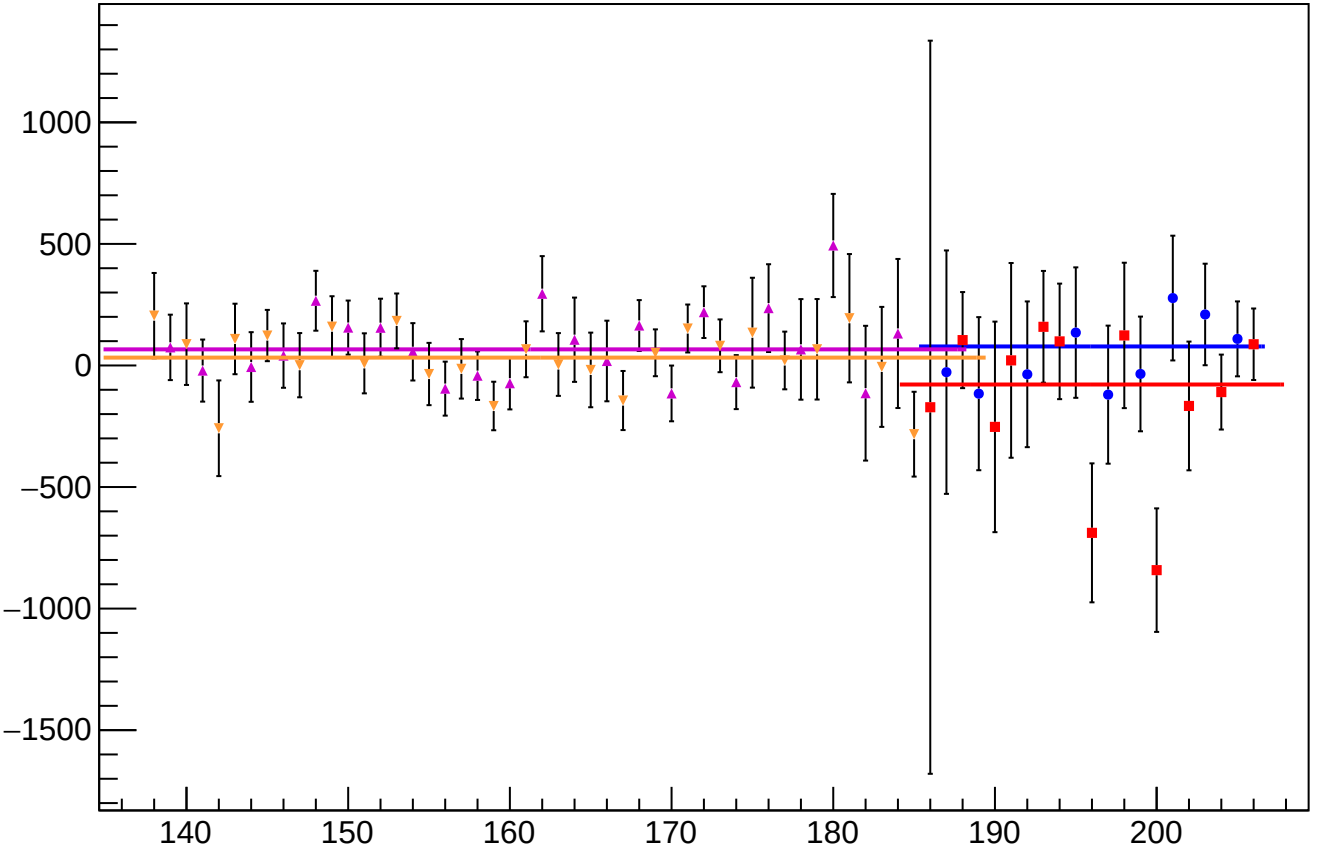
Right: 991.364+/-0.191 χ^2/NDF: 1475395.5/20

In: 375.539+/-0.059 χ^2/NDF:5732756.9/31

Out: 385.186+/-0.058 χ^2/NDF:8338178.3/36

All: 380.450+/-0.041 χ^2/NDF: 14084735.0/68

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 78.219+/-81.731 χ^2/NDF: 2.4/8

Left Out: 32.332+/-26.320 χ^2/NDF:19.6/24

Right Out: -78.287+/-68.075 χ^2/NDF: 18.2/11

Left In: 66.254+/-27.450 χ^2/NDF:24.2/22

Left: 48.580+/-18.998 χ^2/NDF: 44.6/47

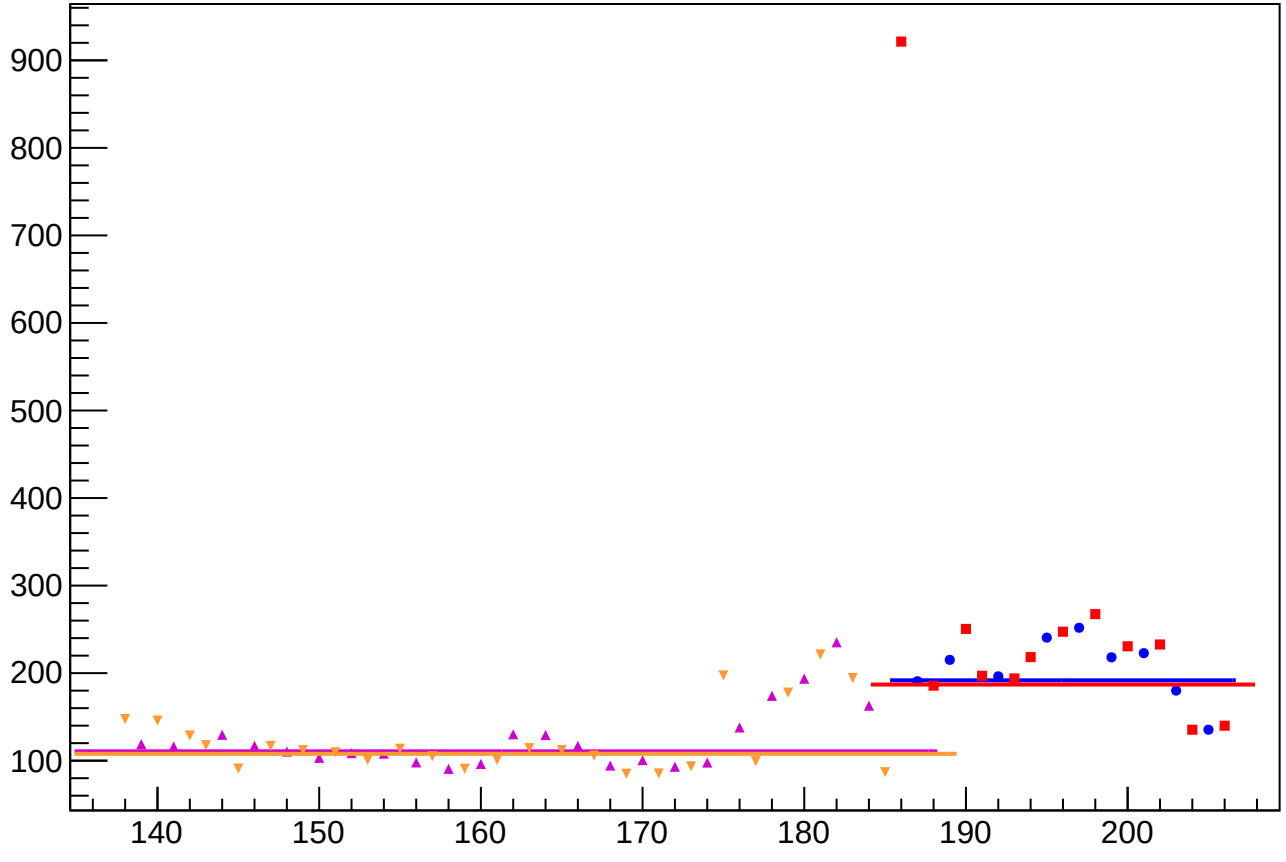
Right: -14.183+/-52.307 χ^2/NDF: 22.7/20

In: 67.467+/-26.022 χ^2/NDF:26.6/31

Out: 17.946+/-24.549 χ^2/NDF:40.0/36

All: 41.266+/-17.857 χ^2/NDF: 68.6/68

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 191.827+/-0.058 χ^2/NDF: 495247.8/8

Left Out: 107.852+/-0.019 χ^2/NDF:1833747.9/24

Right Out: 186.975+/-0.048 χ^2/NDF: 1336758.7/11

Left In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

Left: 109.212+/-0.013 χ^2/NDF: 3251479.0/47

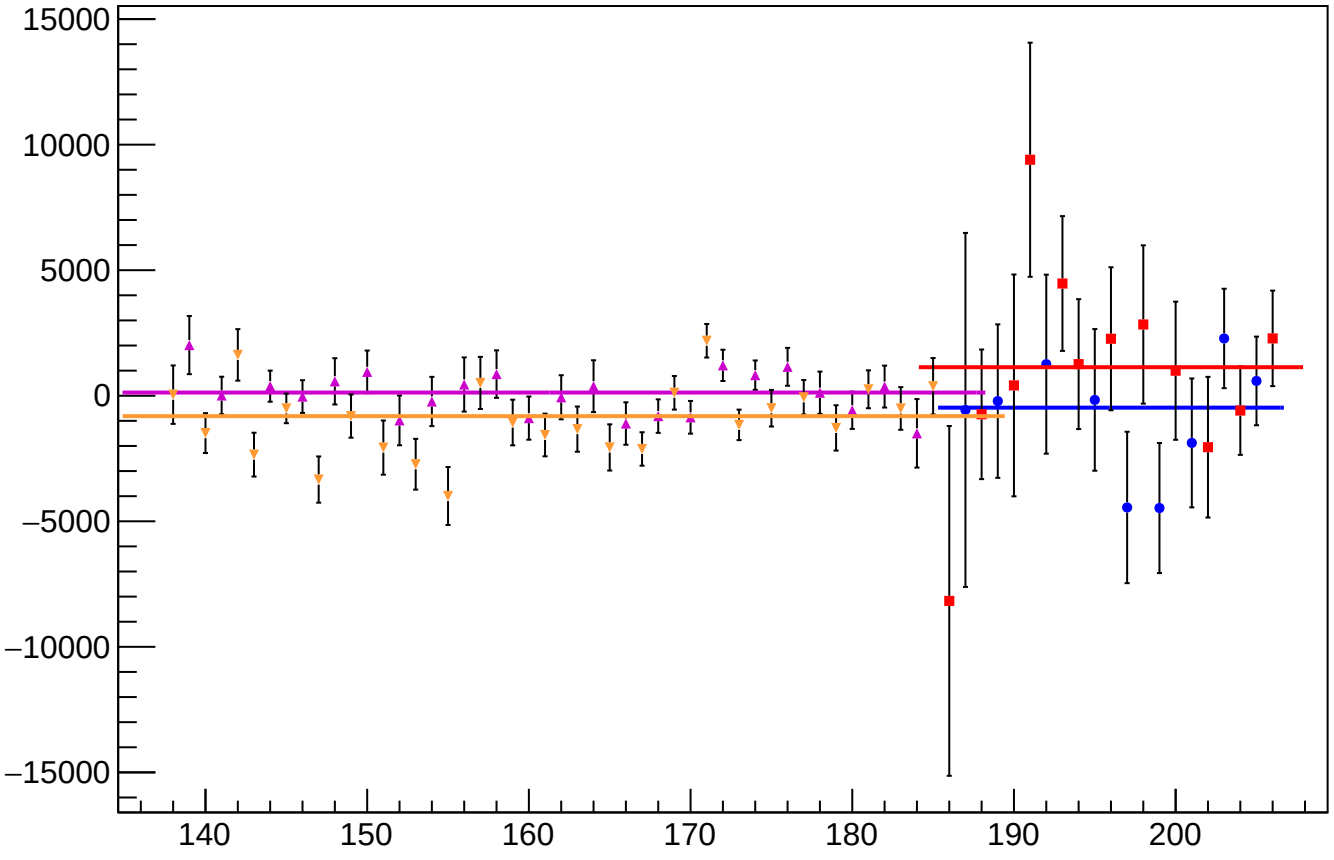
Right: 188.963+/-0.037 χ^2/NDF: 1836168.3/20

In: 118.916+/-0.018 χ^2/NDF:3673052.0/31

Out: 118.142+/-0.017 χ^2/NDF:5520994.9/36

All: 118.506+/-0.013 χ^2/NDF: 9194982.5/68

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -474.556+/-870.894 χ^2/NDF: 7.0/8

Left Out: -813.029+/-164.102 χ^2/NDF:66.2/24

Right Out: 1136.717+/-781.562 χ^2/NDF: 10.1/11

Left In: 127.427+/-166.308 χ^2/NDF:22.8/22

Left: -349.081+/-116.810 χ^2/NDF: 105.2/47

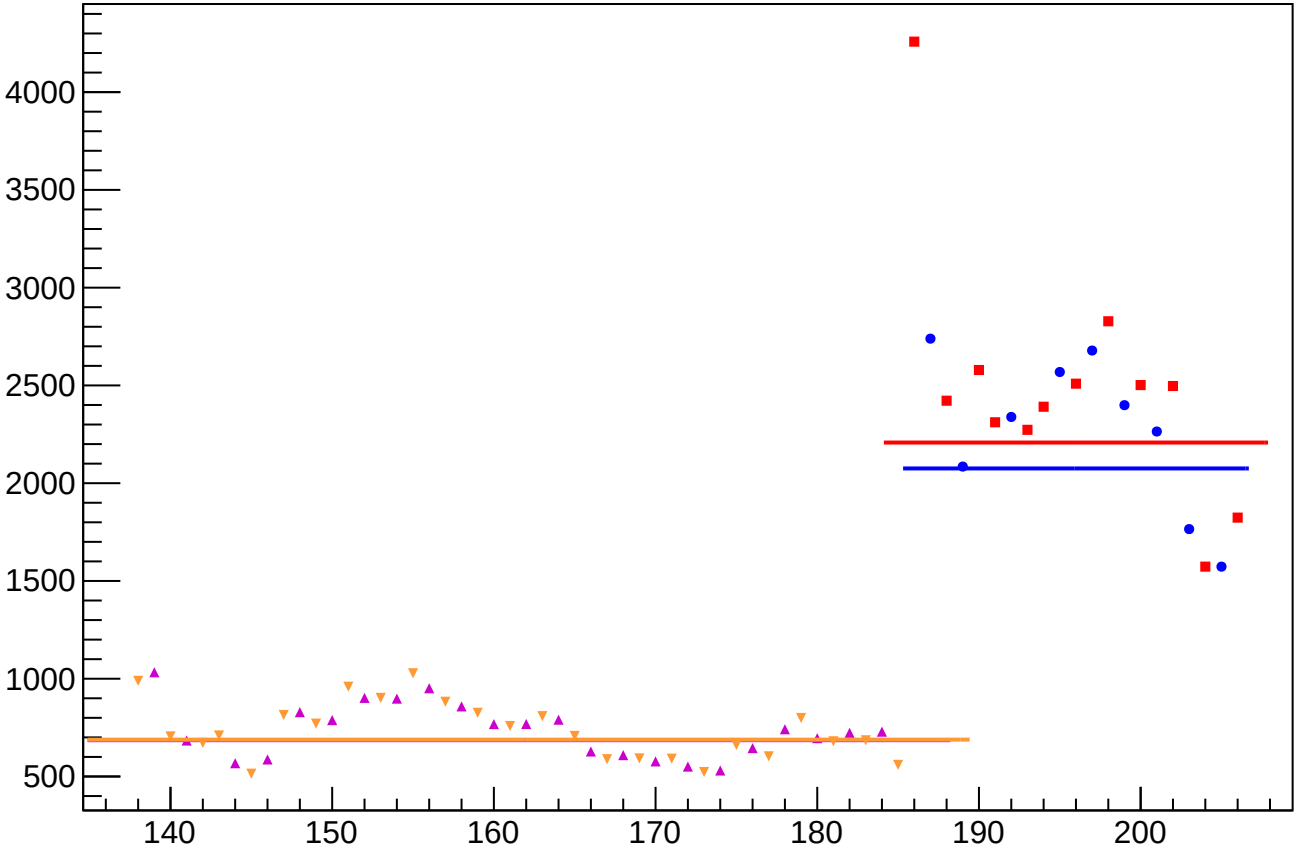
Right: 417.931+/-581.675 χ^2/NDF: 19.0/20

In: 106.247+/-163.357 χ^2/NDF:30.2/31

Out: -730.702+/-160.600 χ^2/NDF:82.2/36

All: -319.348+/-114.524 χ^2/NDF: 125.8/68

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 2075.424+/-0.616 χ^2/NDF: 422798.1/8

Left Out: 688.513+/-0.116 χ^2/NDF:1287701.8/24

Right Out: 2207.887+/-0.553 χ^2/NDF: 697306.8/11

Left In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

Left: 687.142+/-0.083 χ^2/NDF: 2444248.5/47

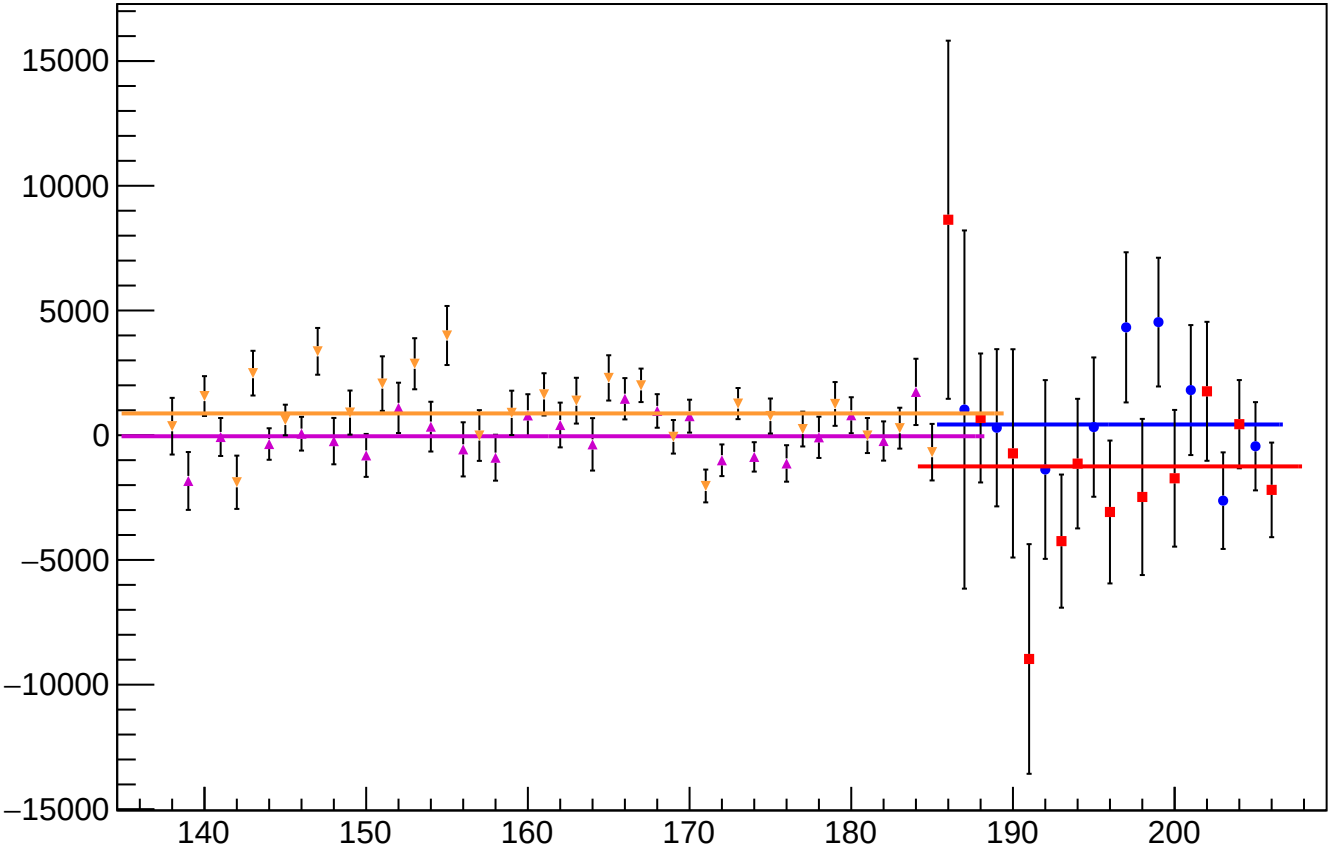
Right: 2148.796+/-0.411 χ^2/NDF: 1145733.2/20

In: 734.628+/-0.116 χ^2/NDF:6492444.8/31

Out: 752.667+/-0.114 χ^2/NDF:9224298.5/36

All: 743.801+/-0.081 χ^2/NDF: 15729145.6/68

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 430.277+/-870.239 χ^2/NDF: 7.5/8

Left Out: 873.446+/-164.269 χ^2/NDF:64.1/24

Right Out: -1250.225+/-779.441 χ^2/NDF: 9.5/11

Left In: -41.522+/-166.728 χ^2/NDF:24.1/22

Left: 422.759+/-117.015 χ^2/NDF: 103.5/47

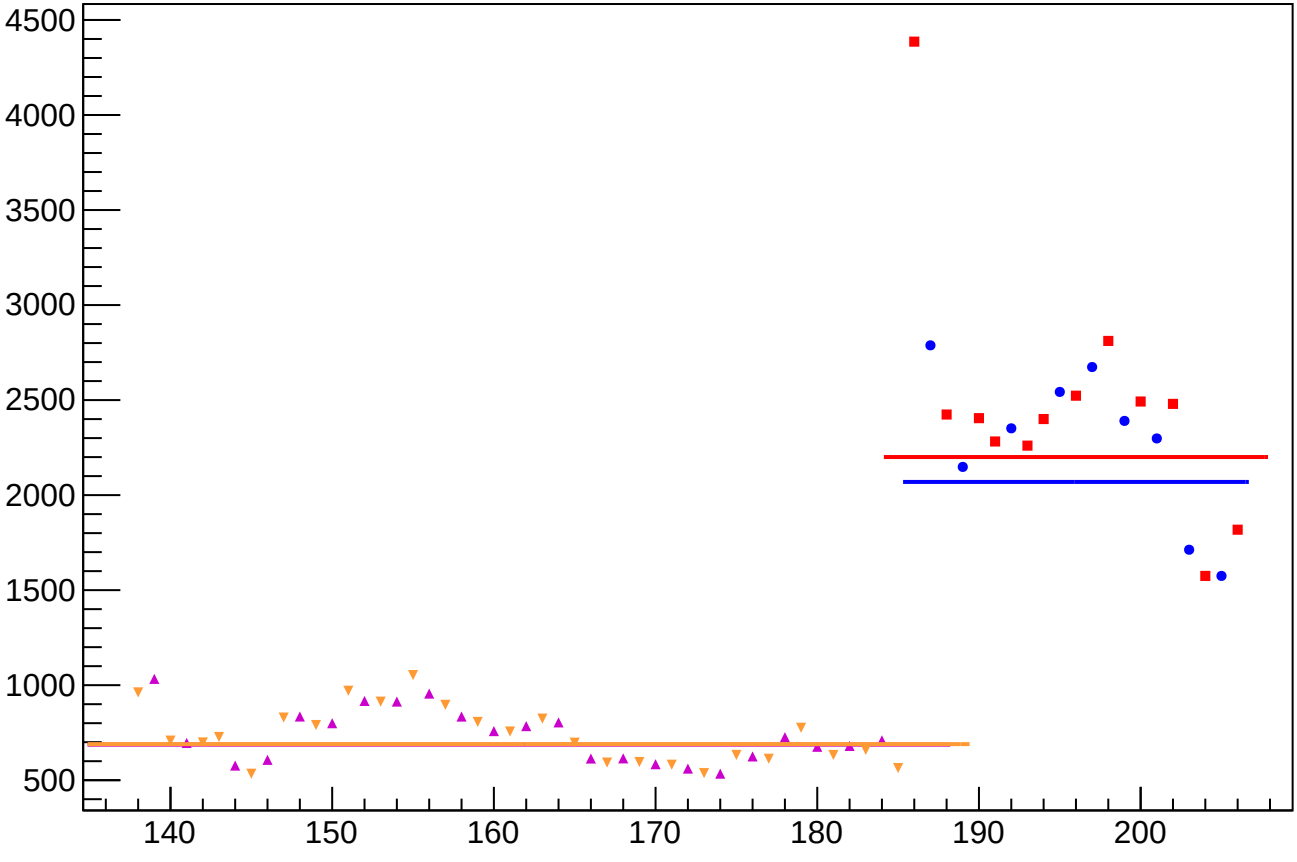
Right: -502.190+/-580.604 χ^2/NDF: 19.0/20

In: -24.817+/-163.749 χ^2/NDF:31.9/31

Out: 783.132+/-160.738 χ^2/NDF:80.7/36

All: 386.656+/-114.709 χ^2/NDF: 125.0/68

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 2069.397+/-0.615 χ^2/NDF: 442484.3/8

Left Out: 689.767+/-0.116 χ^2/NDF:1258608.7/24

Right Out: 2200.337+/-0.551 χ^2/NDF: 694502.3/11

Left In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

Left: 688.376+/-0.083 χ^2/NDF: 2374942.1/47

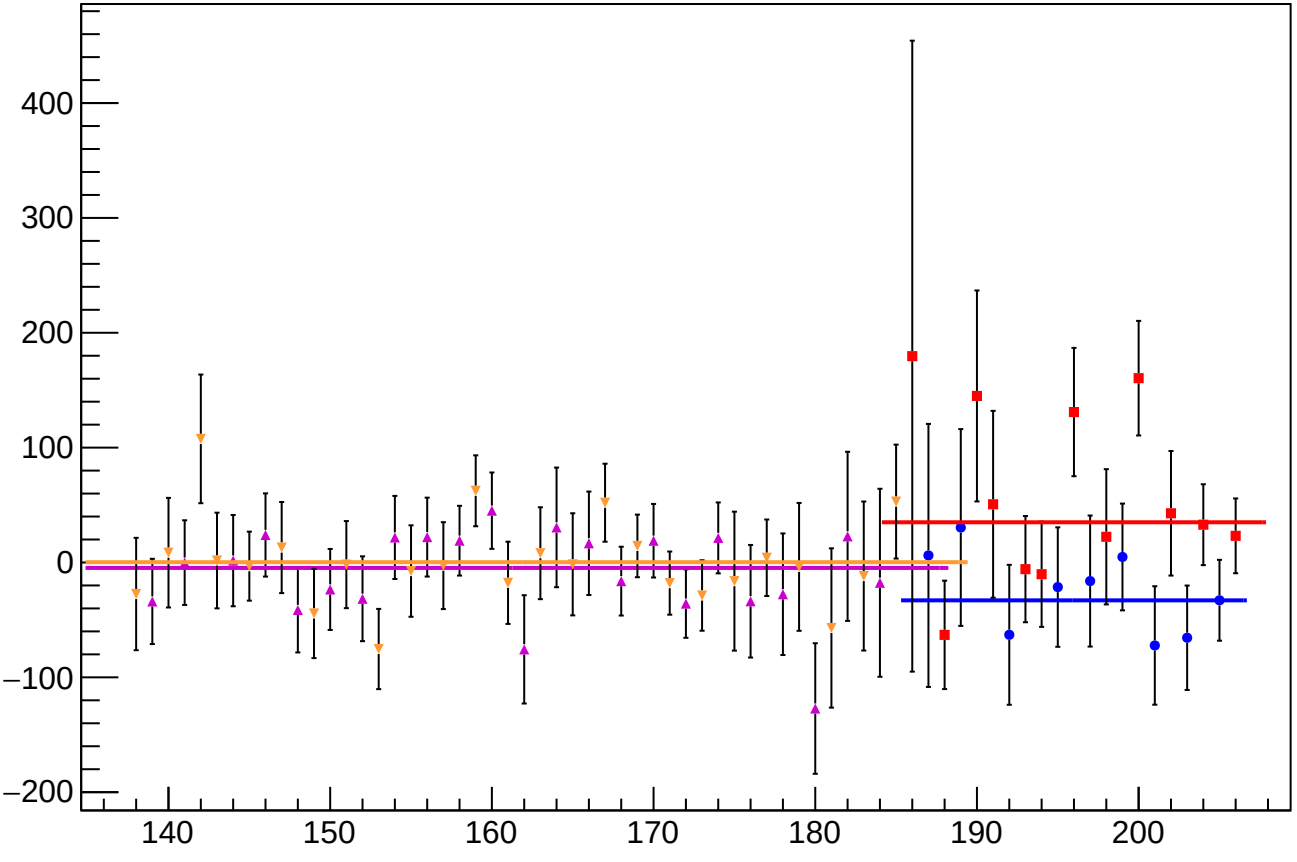
Right: 2142.052+/-0.411 χ^2/NDF: 1162111.1/20

In: 735.891+/-0.116 χ^2/NDF:6427054.9/31

Out: 754.007+/-0.114 χ^2/NDF:9145480.5/36

All: 745.117+/-0.081 χ^2/NDF: 15585001.8/68

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -32.974+/-17.437 χ^2/NDF: 2.8/8

Left Out: 0.254+/-7.690 χ^2/NDF:20.4/24

Right Out: 35.006+/-14.469 χ^2/NDF: 17.3/11

Left In: -4.745+/-7.976 χ^2/NDF:17.9/22

Left: -2.154+/-5.536 χ^2/NDF: 38.5/47

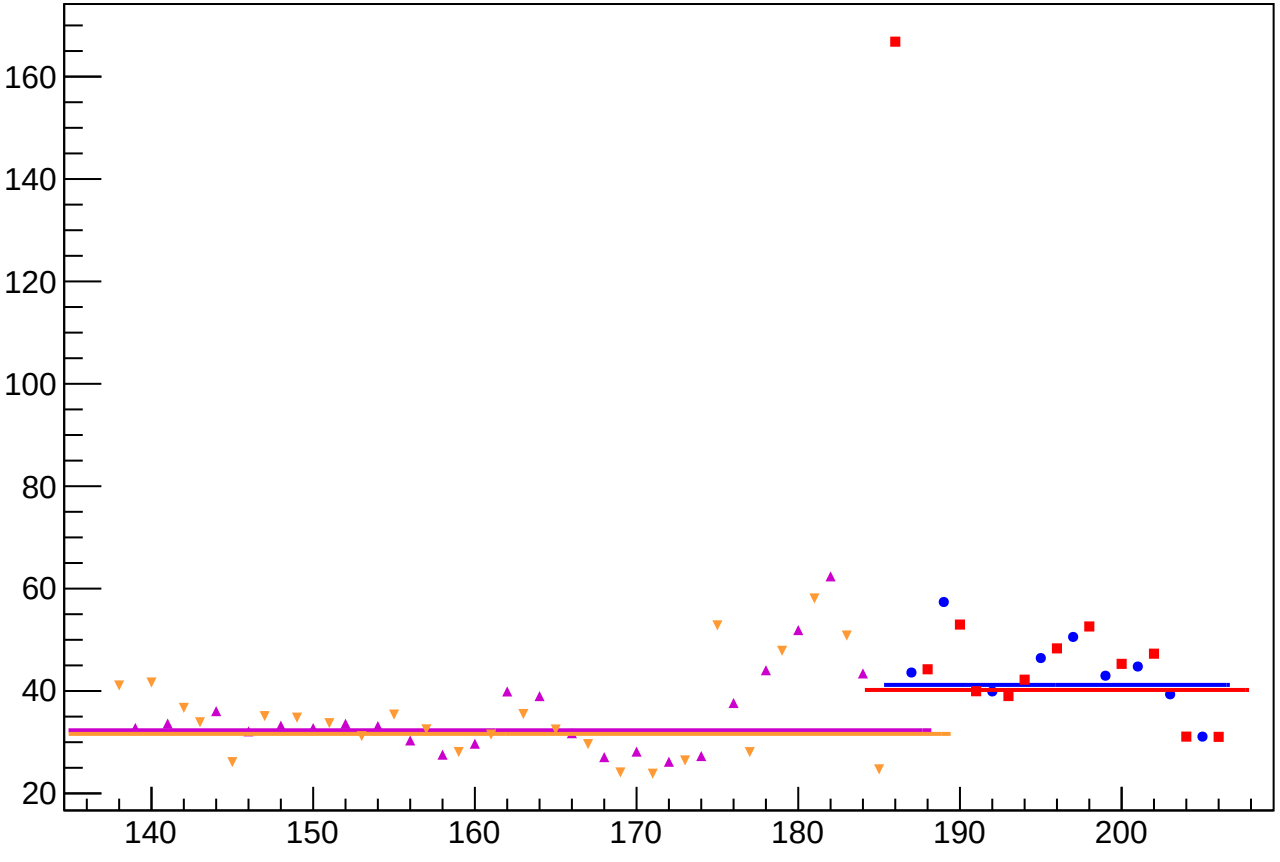
Right: 7.286+/-11.135 χ^2/NDF: 29.1/20

In: -9.629+/-7.253 χ^2/NDF:22.8/31

Out: 7.909+/-6.791 χ^2/NDF:42.2/36

All: -0.283+/-4.957 χ^2/NDF: 68.1/68

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 41.194+/-0.012 χ^2/NDF: 328040.0/8

Left Out: 31.624+/-0.005 χ^2/NDF:1673431.1/24

Right Out: 40.206+/-0.010 χ^2/NDF: 961903.7/11

Left In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

Left: 31.965+/-0.004 χ^2/NDF: 2823070.9/47

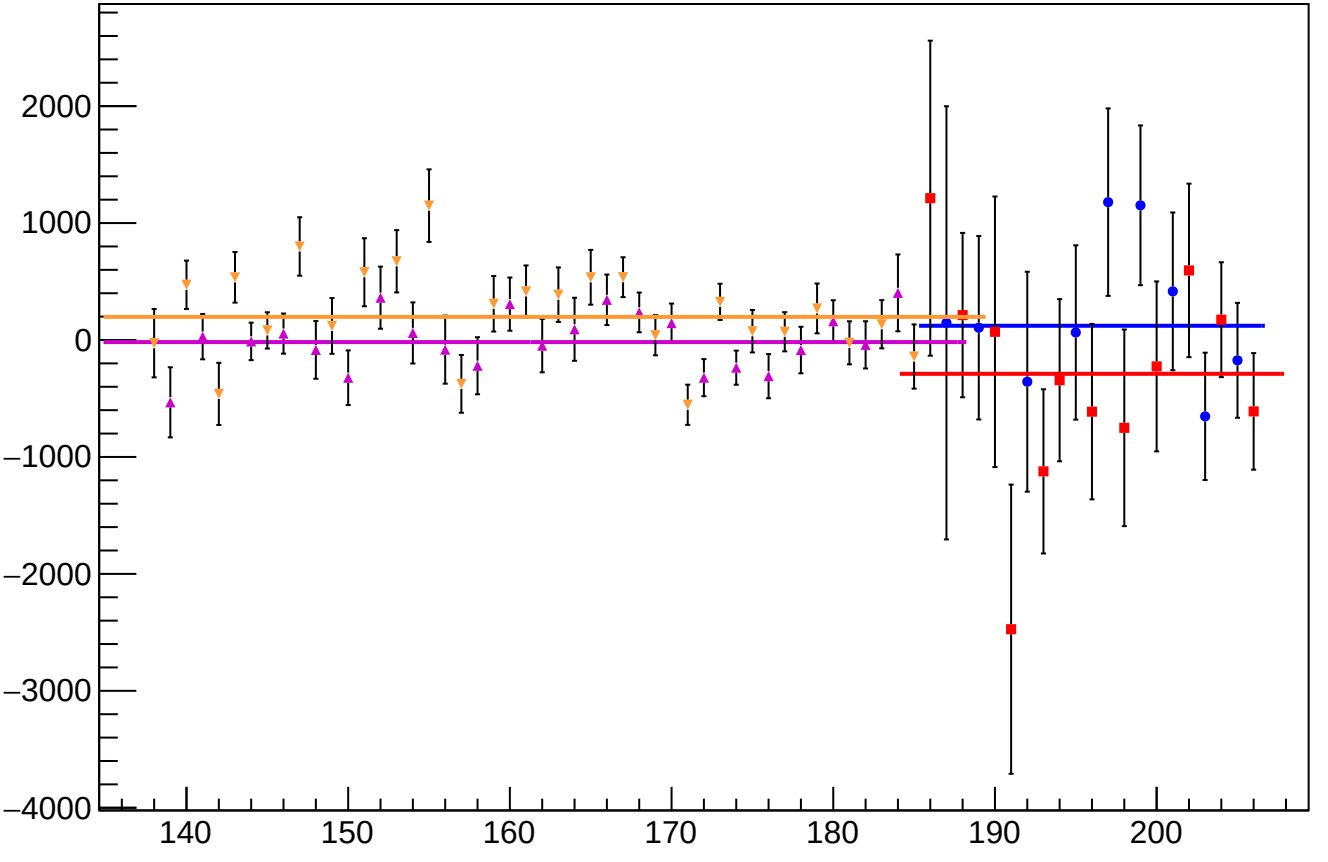
Right: 40.609+/-0.008 χ^2/NDF: 1293743.4/20

In: 33.865+/-0.005 χ^2/NDF:1896817.4/31

Out: 33.515+/-0.005 χ^2/NDF:3183947.4/36

All: 33.678+/-0.004 χ^2/NDF: 5083245.6/68

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 121.750+/-234.021 χ^2/NDF: 6.9/8

Left Out: 197.682+/-41.831 χ^2/NDF:69.9/24

Right Out: -289.084+/-207.821 χ^2/NDF: 9.6/11

Left In: -17.742+/-42.576 χ^2/NDF:27.1/22

Left: 91.870+/-29.839 χ^2/NDF: 110.0/47

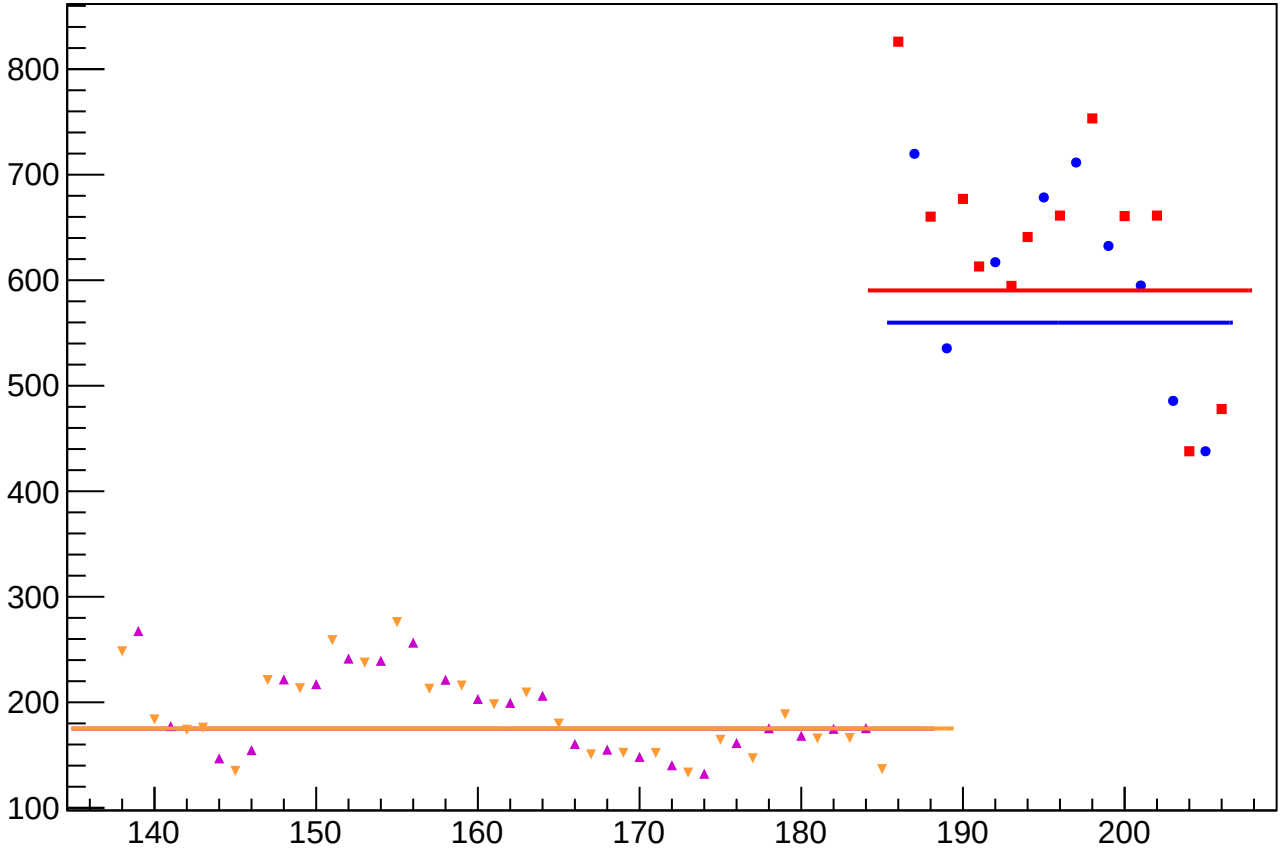
Right: -107.943+/-155.393 χ^2/NDF: 18.2/20

In: -13.272+/-41.888 χ^2/NDF:34.3/31

Out: 178.728+/-41.009 χ^2/NDF:84.8/36

All: 84.765+/-29.304 χ^2/NDF: 129.8/68

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 559.775+/-0.165 χ^2/NDF: 334827.4/8

Left Out: 175.207+/-0.030 χ^2/NDF:1418225.0/24

Right Out: 590.324+/-0.147 χ^2/NDF: 527937.6/11

Left In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

Left: 175.130+/-0.021 χ^2/NDF: 2757993.8/47

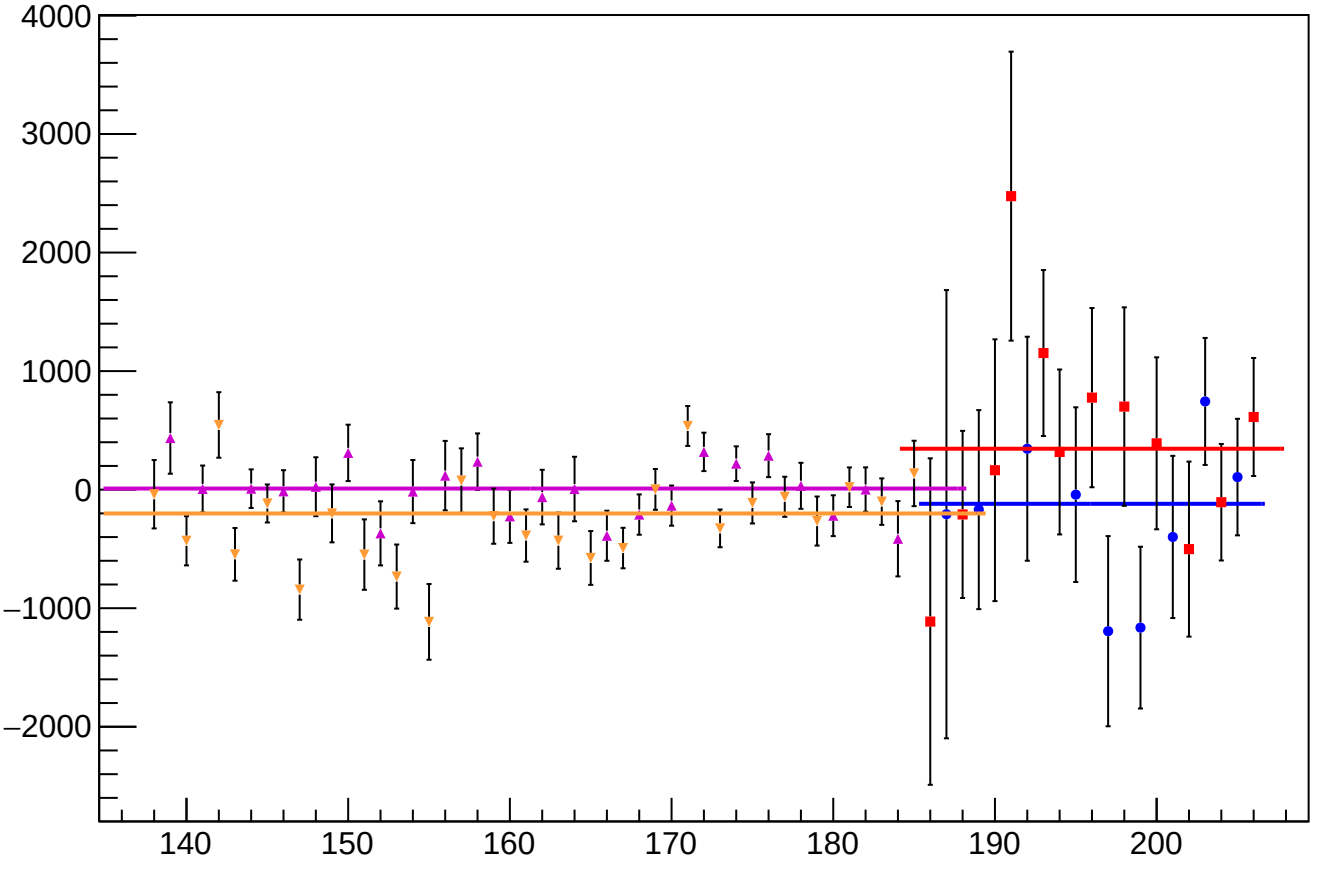
Right: 576.855+/-0.110 χ^2/NDF: 881820.1/20

In: 187.377+/-0.030 χ^2/NDF:6906694.5/31

Out: 191.371+/-0.029 χ^2/NDF:9615223.8/36

All: 189.416+/-0.021 χ^2/NDF: 16531202.8/68

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -119.439+/-234.888 χ^2/NDF: 7.4/8

Left Out: -200.930+/-41.741 χ^2/NDF:65.5/24

Right Out: 345.162+/-207.491 χ^2/NDF: 9.1/11

Left In: 9.384+/-42.437 χ^2/NDF:25.4/22

Left: -97.511+/-29.758 χ^2/NDF: 103.4/47

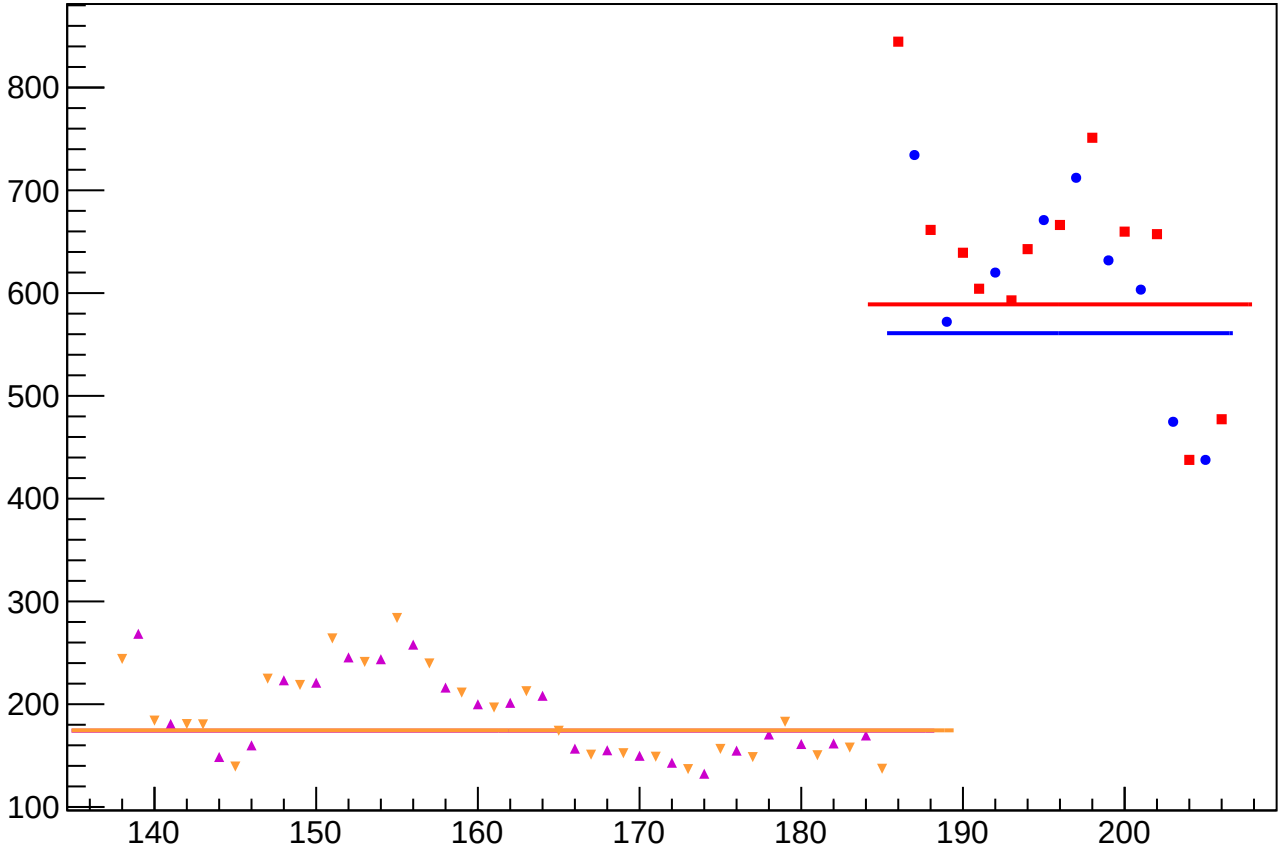
Right: 141.524+/-155.507 χ^2/NDF: 18.7/20

In: 5.312+/-41.761 χ^2/NDF:33.1/31

Out: -179.689+/-40.922 χ^2/NDF:81.3/36

All: -89.066+/-29.228 χ^2/NDF: 124.3/68

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 560.993+/-0.166 χ^2/NDF: 347489.1/8

Left Out: 174.567+/-0.030 χ^2/NDF:1532900.3/24

Right Out: 589.026+/-0.147 χ^2/NDF: 528883.9/11

Left In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

Left: 174.395+/-0.021 χ^2/NDF: 2897570.3/47

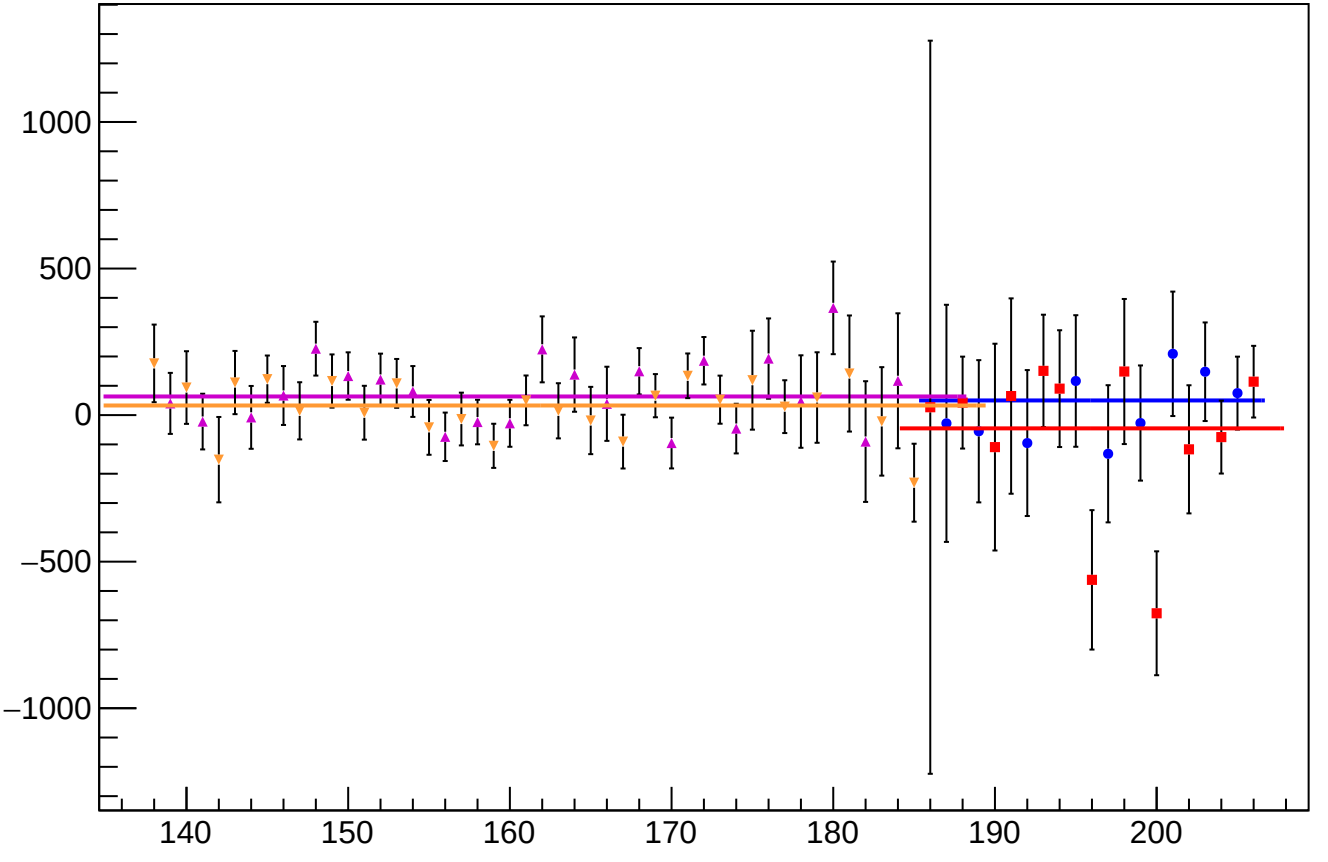
Right: 576.739+/-0.110 χ^2/NDF: 892373.9/20

In: 186.443+/-0.030 χ^2/NDF:6963538.9/31

Out: 190.688+/-0.029 χ^2/NDF:9731239.4/36

All: 188.608+/-0.021 χ^2/NDF: 16705320.0/68

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 50.006+/-66.594 χ^2/NDF: 2.4/8

Left Out: 32.793+/-19.705 χ^2/NDF:19.5/24

Right Out: -45.278+/-55.930 χ^2/NDF: 18.1/11

Left In: 63.566+/-20.573 χ^2/NDF:27.2/22

Left: 47.517+/-14.231 χ^2/NDF: 47.9/47

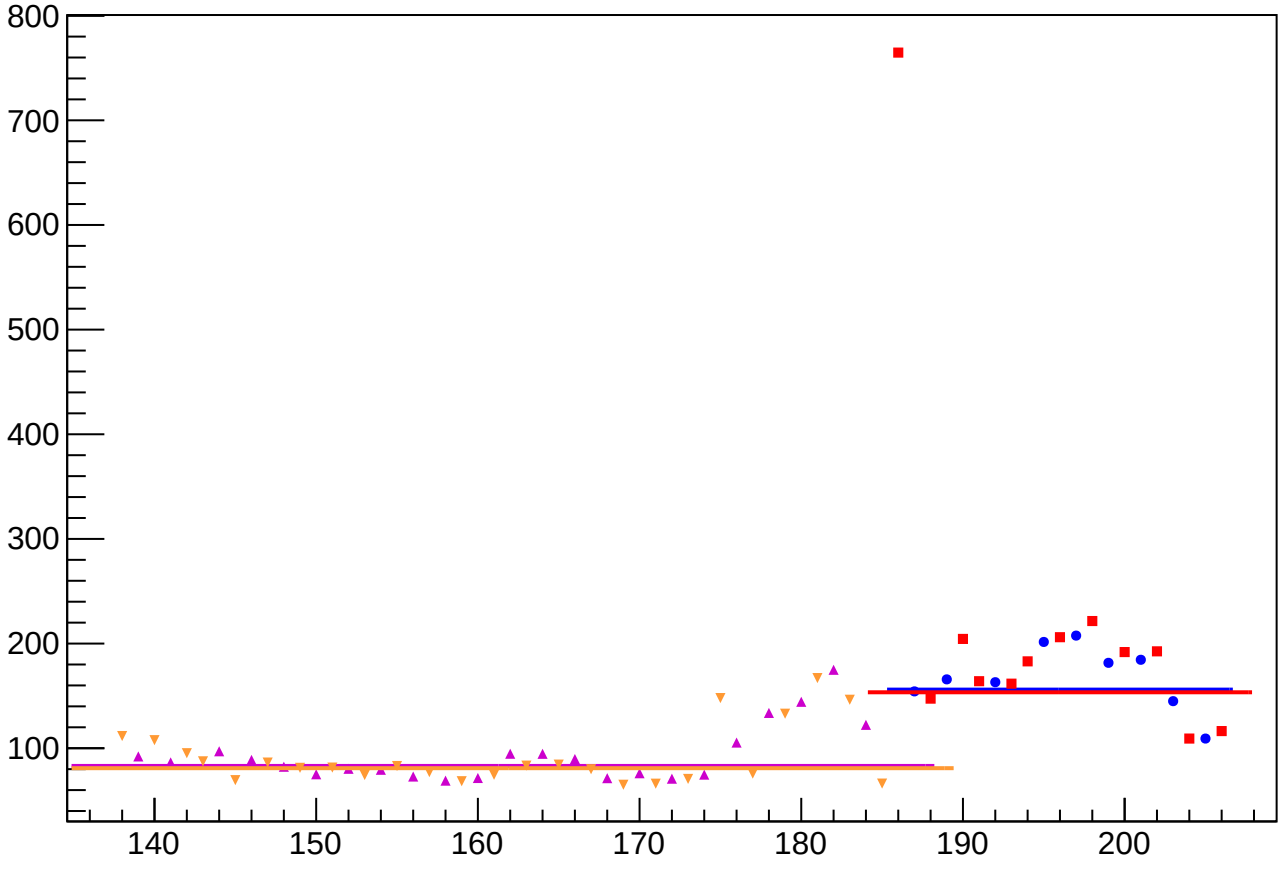
Right: -5.866+/-42.829 χ^2/NDF: 21.6/20

In: 62.385+/-19.657 χ^2/NDF:29.6/31

Out: 24.173+/-18.586 χ^2/NDF:39.3/36

All: 42.209+/-13.505 χ^2/NDF: 70.9/68

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 156.000+/-0.047 χ^2/NDF: 546157.8/8

Left Out: 80.926+/-0.014 χ^2/NDF:1760910.0/24

Right Out: 153.453+/-0.040 χ^2/NDF: 1388555.5/11

Left In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

Left: 81.952+/-0.010 χ^2/NDF: 3177364.3/47

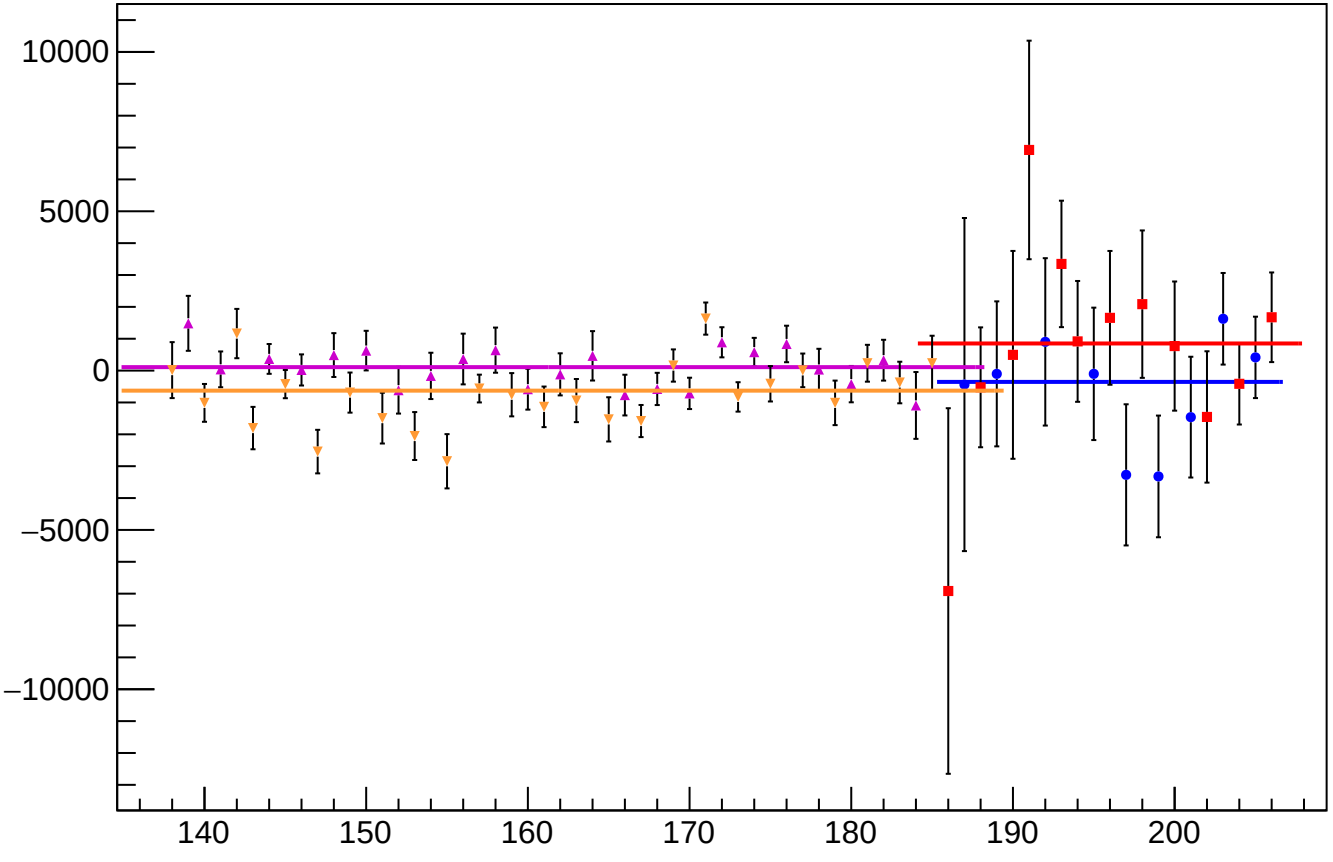
Right: 154.506+/-0.030 χ^2/NDF: 1936429.1/20

In: 89.425+/-0.014 χ^2/NDF:4140938.9/31

Out: 88.935+/-0.013 χ^2/NDF:6141107.0/36

All: 89.166+/-0.010 χ^2/NDF: 10282701.3/68

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -354.555+/-637.612 χ^2/NDF: 7.0/8

Left Out: -629.005+/-120.608 χ^2/NDF:63.2/24

Right Out: 851.365+/-574.005 χ^2/NDF: 10.1/11

Left In: 108.821+/-125.527 χ^2/NDF:21.4/22

Left: -274.832+/-86.970 χ^2/NDF: 102.6/47

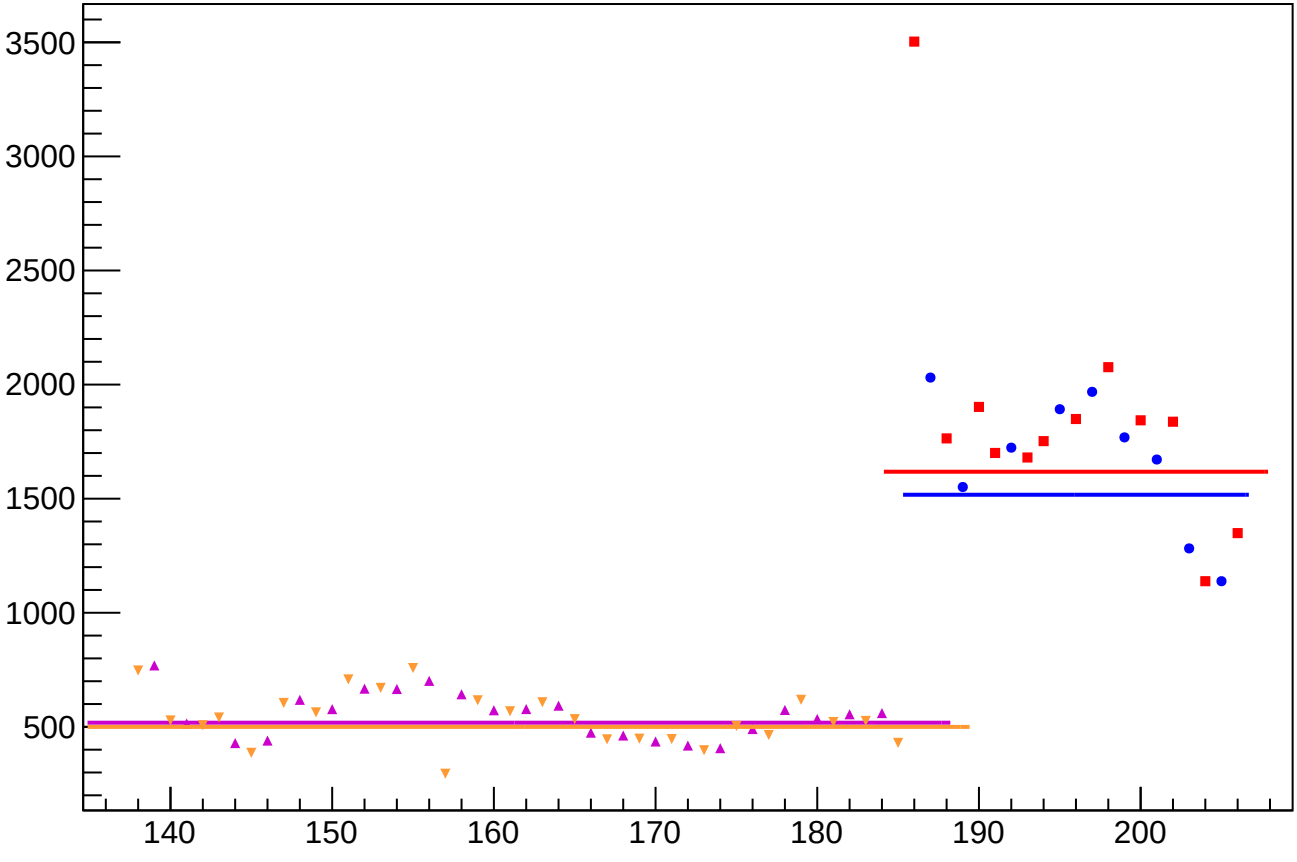
Right: 311.538+/-426.603 χ^2/NDF: 19.1/20

In: 91.532+/-123.163 χ^2/NDF:29.0/31

Out: -566.412+/-118.031 χ^2/NDF:79.6/36

All: -251.435+/-85.217 χ^2/NDF: 123.5/68

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 1517.226+/-0.451 χ^2/NDF: 457521.4/8

Left Out: 499.813+/-0.085 χ^2/NDF:1626530.8/24

Right Out: 1618.105+/-0.406 χ^2/NDF: 761650.8/11

Left In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

Left: 508.660+/-0.061 χ^2/NDF: 2720944.9/47

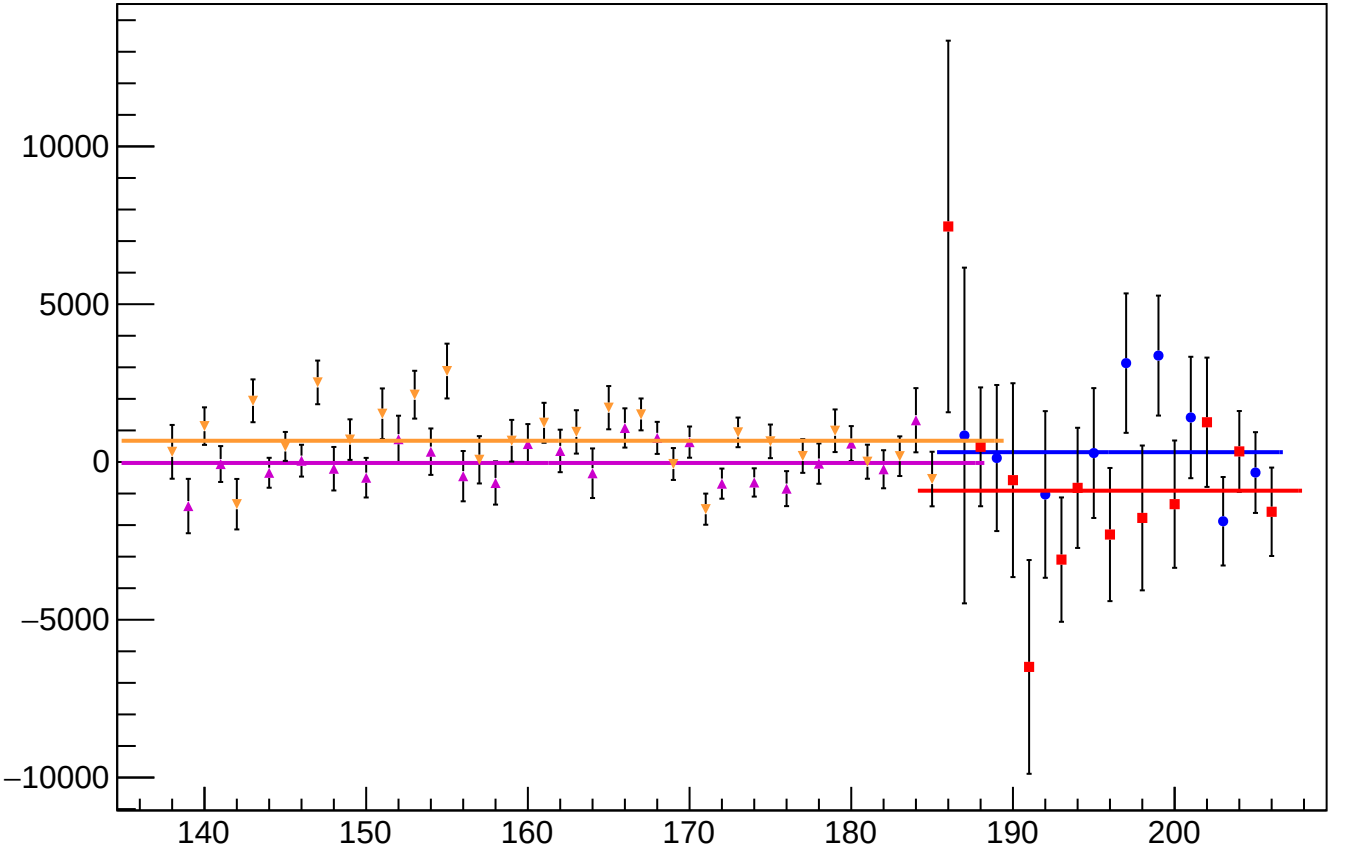
Right: 1572.947+/-0.302 χ^2/NDF: 1246824.8/20

In: 555.518+/-0.087 χ^2/NDF:6255784.6/31

Out: 547.097+/-0.083 χ^2/NDF:9658381.9/36

All: 551.128+/-0.060 χ^2/NDF: 15919040.8/68

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 310.828+/-635.977 χ^2/NDF: 7.5/8

Left Out: 672.498+/-123.428 χ^2/NDF:62.8/24

Right Out: -910.005+/-572.059 χ^2/NDF: 9.4/11

Left In: -31.056+/-125.236 χ^2/NDF:23.8/22

Left: 325.838+/-87.909 χ^2/NDF: 102.6/47

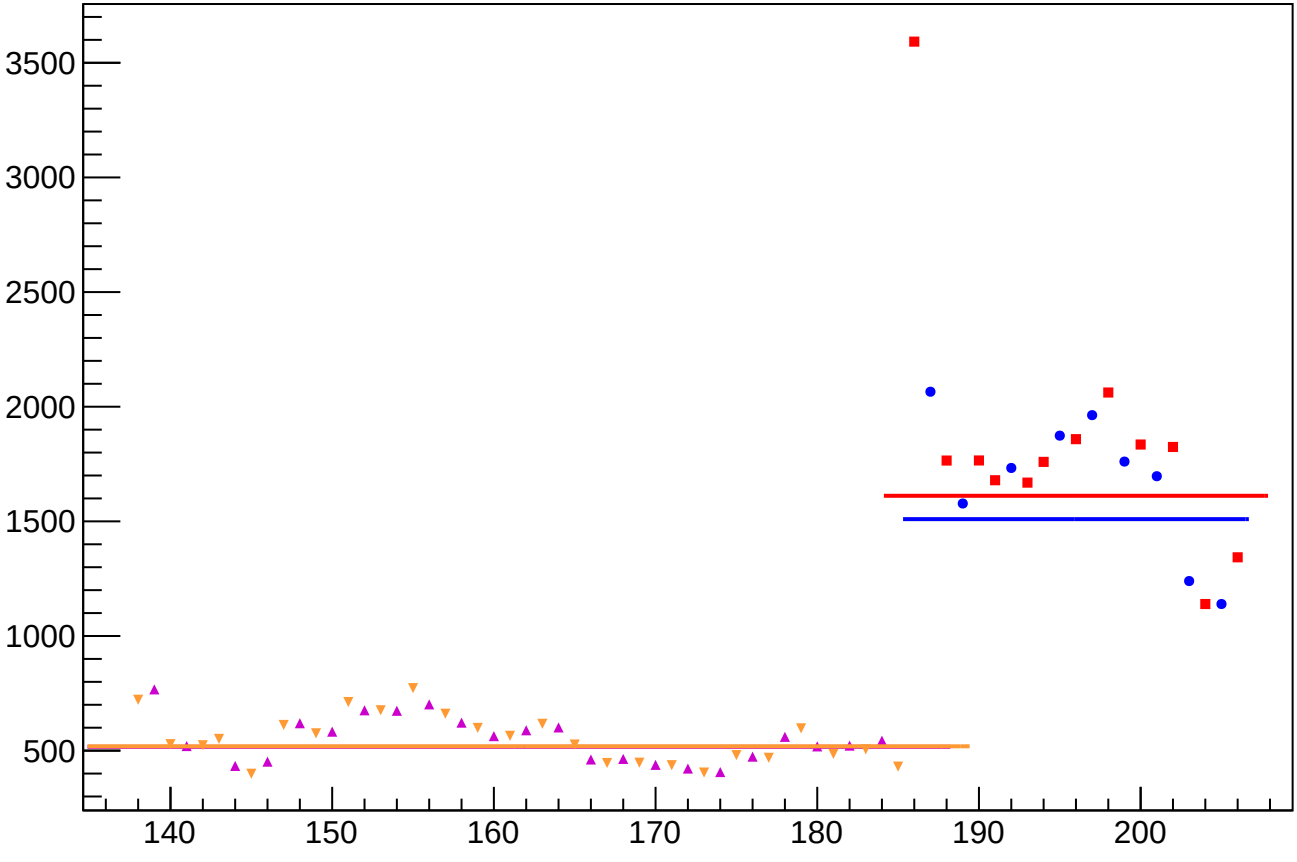
Right: -364.003+/-425.315 χ^2/NDF: 19.0/20

In: -18.293+/-122.877 χ^2/NDF:31.6/31

Out: 602.105+/-120.652 χ^2/NDF:79.5/36

All: 297.574+/-86.089 χ^2/NDF: 124.1/68

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 1509.688+/-0.450 χ^2/NDF: 480072.4/8

Left Out: 518.935+/-0.087 χ^2/NDF:1172613.9/24

Right Out: 1611.529+/-0.405 χ^2/NDF: 755291.8/11

Left In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

Left: 517.782+/-0.062 χ^2/NDF: 2209061.2/47

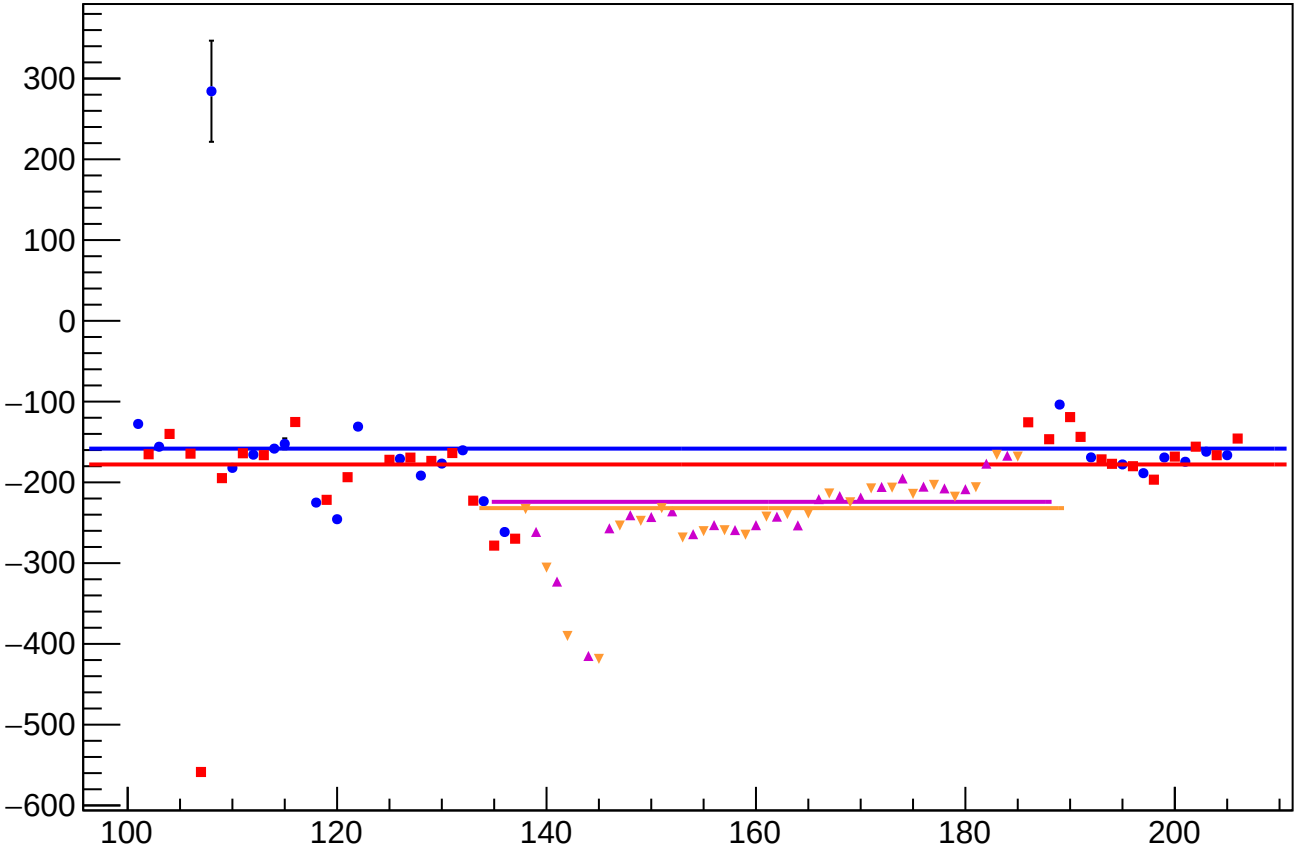
Right: 1565.982+/-0.301 χ^2/NDF: 1263713.1/20

In: 553.666+/-0.087 χ^2/NDF:6210837.8/31

Out: 567.536+/-0.085 χ^2/NDF:8899068.2/36

All: 560.728+/-0.061 χ^2/NDF: 15122879.4/68

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 127452.1/23

Left Out: -231.902+/-0.108 χ^2/NDF:110473.4/23

Right Out: -177.834+/-0.085 χ^2/NDF: 177212.3/28

Left In: -224.103+/-0.098 χ^2/NDF:153347.0/22

Left: -227.631+/-0.073 χ^2/NDF: 266668.8/46

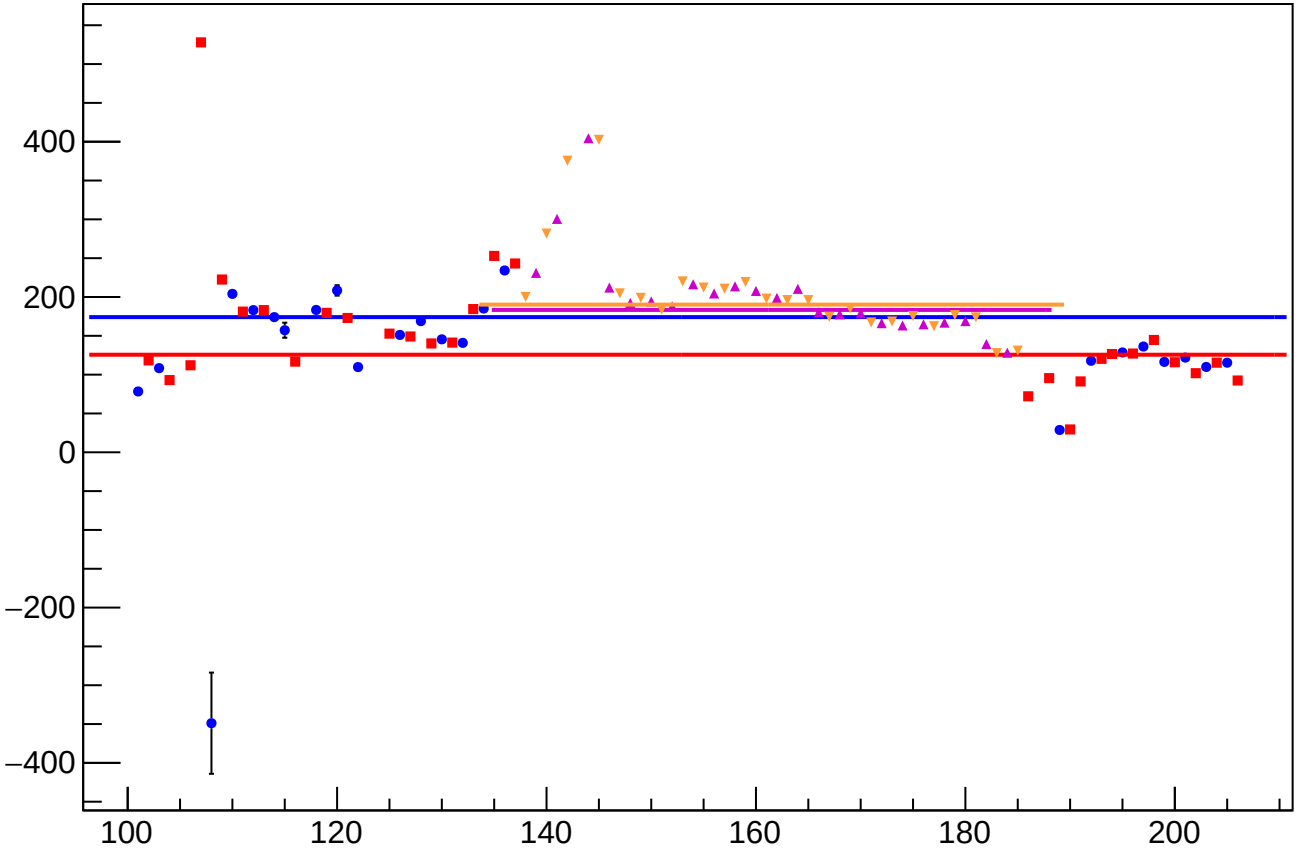
Right: -158.222+/-0.000 χ^2/NDF: 358231.2/52

In: -158.222+/-0.000 χ^2/NDF:730122.8/46

Out: -198.401+/-0.067 χ^2/NDF:442553.5/52

All: -158.222+/-0.000 χ^2/NDF: 1535539.0/99

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 186628.2/23

Left Out: 190.208+/-0.109 χ^2/NDF:99613.5/23

Right Out: 125.669+/-0.085 χ^2/NDF: 173963.3/28

Left In: 183.362+/-0.099 χ^2/NDF:155441.6/22

Left: 186.466+/-0.073 χ^2/NDF: 257224.0/46

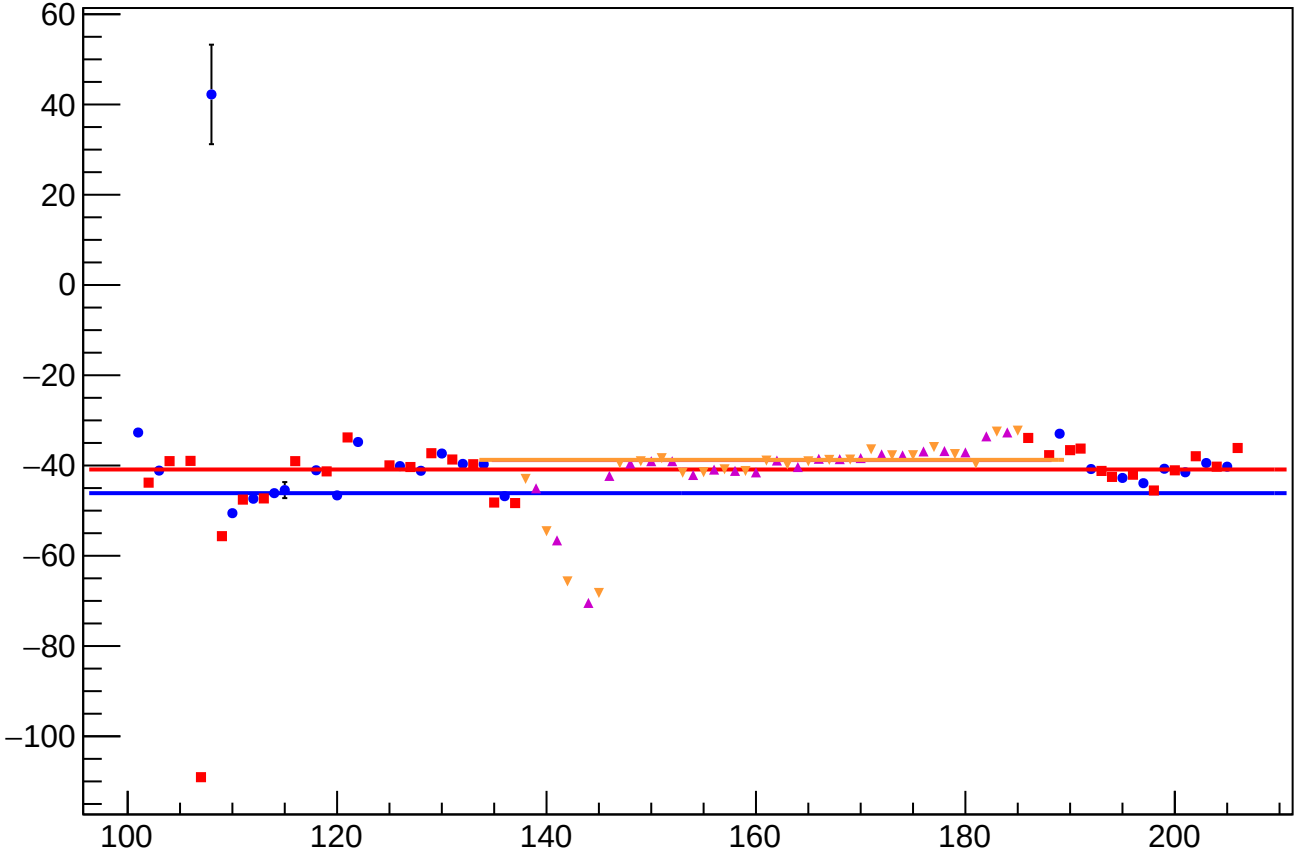
Right: 174.085+/-0.000 χ^2/NDF: 683283.1/52

In: 174.085+/-0.000 χ^2/NDF:350855.8/46

Out: 150.250+/-0.067 χ^2/NDF:491968.0/52

All: 174.085+/-0.000 χ^2/NDF: 969137.9/99

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 474440.3/23

Left Out: -38.745+/-0.006 χ^2/NDF:400638.0/23

Right Out: -40.880+/-0.011 χ^2/NDF: 313383.7/28

Left In: -38.794+/-0.007 χ^2/NDF:321993.9/22

Left: -38.767+/-0.004 χ^2/NDF: 722662.8/46

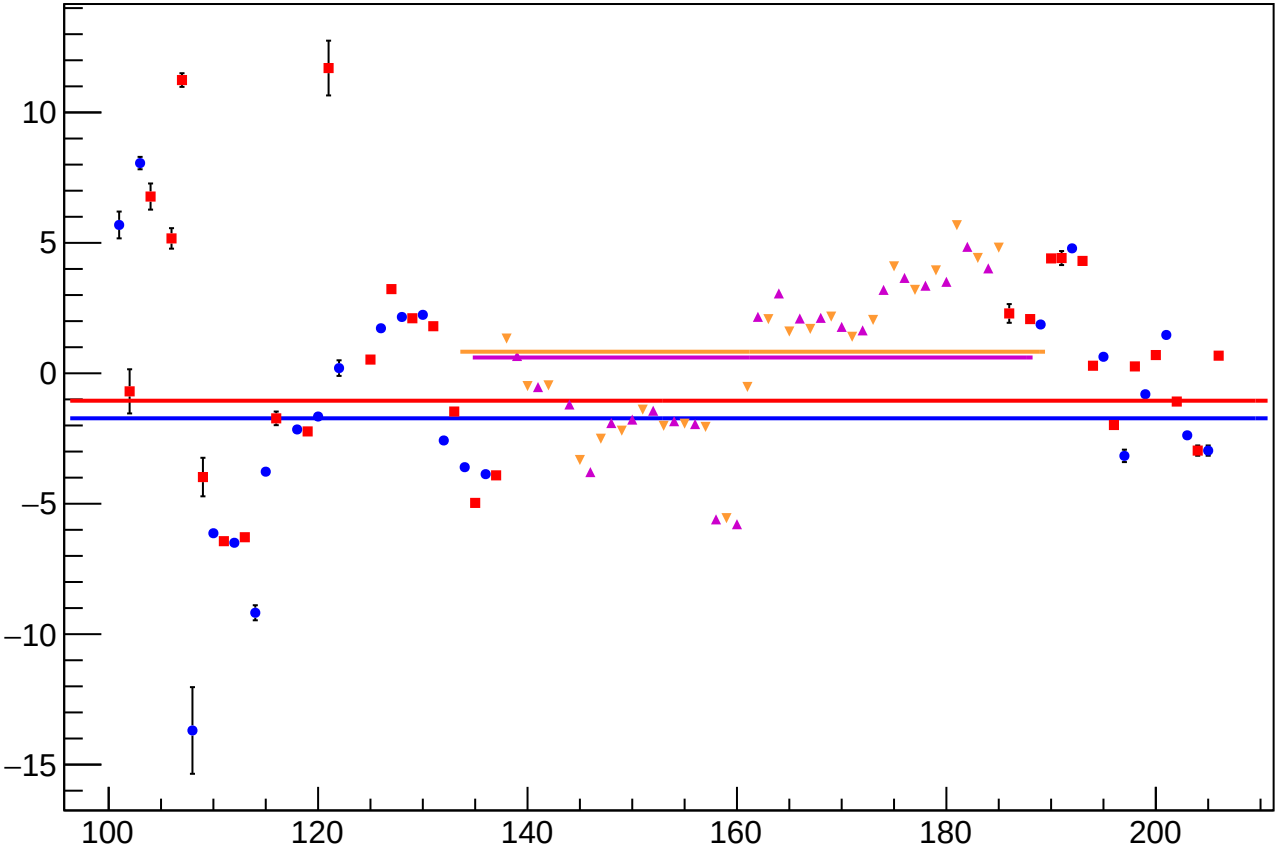
Right: -46.126+/-0.000 χ^2/NDF: 1021852.5/52

In: -46.126+/-0.000 χ^2/NDF:2052168.4/46

Out: -39.230+/-0.005 χ^2/NDF:743956.0/52

All: -46.126+/-0.000 χ^2/NDF: 4577403.8/99

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -1.725+/-0.017 χ^2/NDF: 31781.7/23

Left Out: 0.828+/-0.006 χ^2/NDF:255303.5/23

Right Out: -1.051+/-0.019 χ^2/NDF: 36241.7/28

Left In: 0.606+/-0.005 χ^2/NDF:331282.7/22

Left: 0.696+/-0.004 χ^2/NDF: 587368.1/46

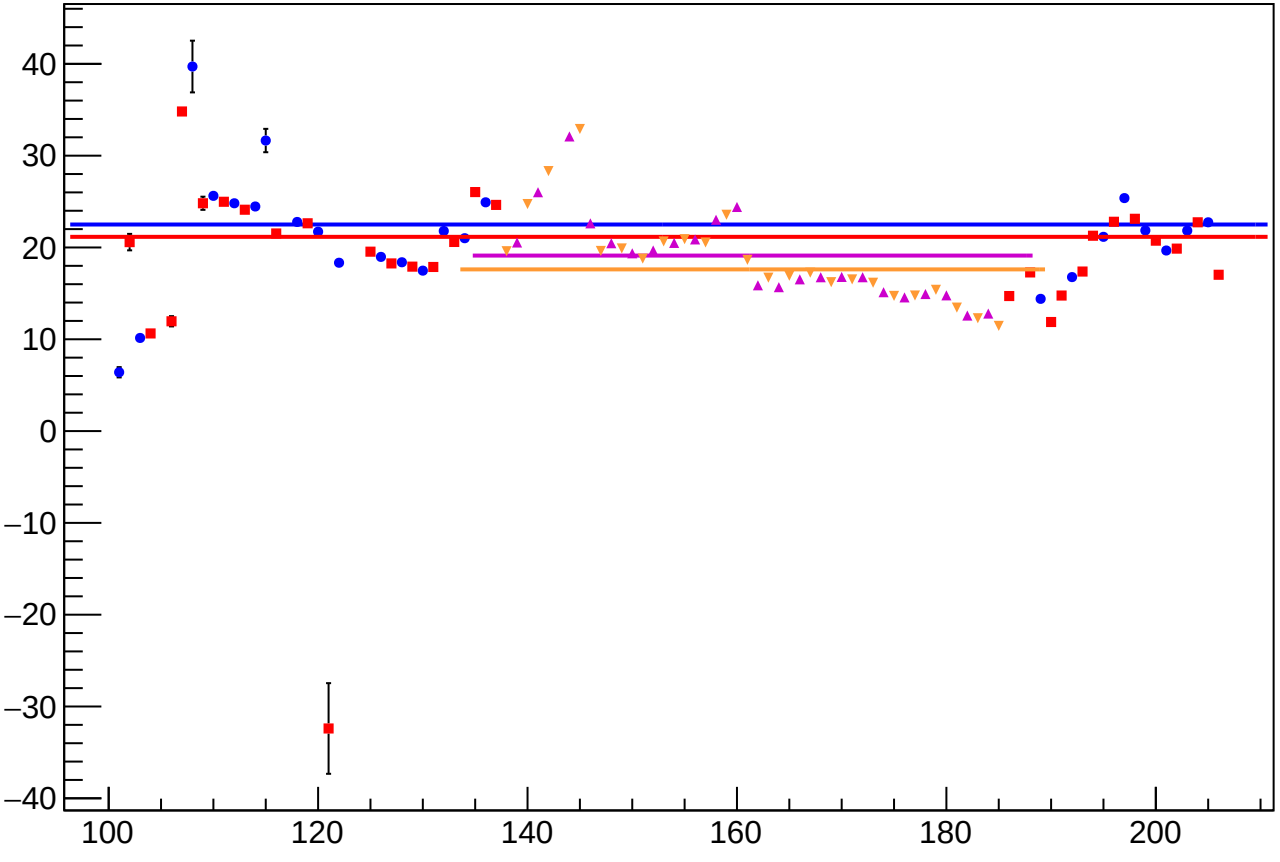
Right: -1.426+/-0.012 χ^2/NDF: 68747.6/52

In: 0.410+/-0.005 χ^2/NDF:380931.4/46

Out: 0.645+/-0.006 χ^2/NDF:300666.2/52

All: 0.506+/-0.004 χ^2/NDF: 682565.4/99

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.502+/-0.018 χ^2/NDF: 25908.8/23

Left Out: 17.613+/-0.007 χ^2/NDF:178438.8/23

Right Out: 21.158+/-0.018 χ^2/NDF: 30310.1/28

Left In: 19.117+/-0.007 χ^2/NDF:229353.0/22

Left: 18.369+/-0.005 χ^2/NDF: 430183.3/46

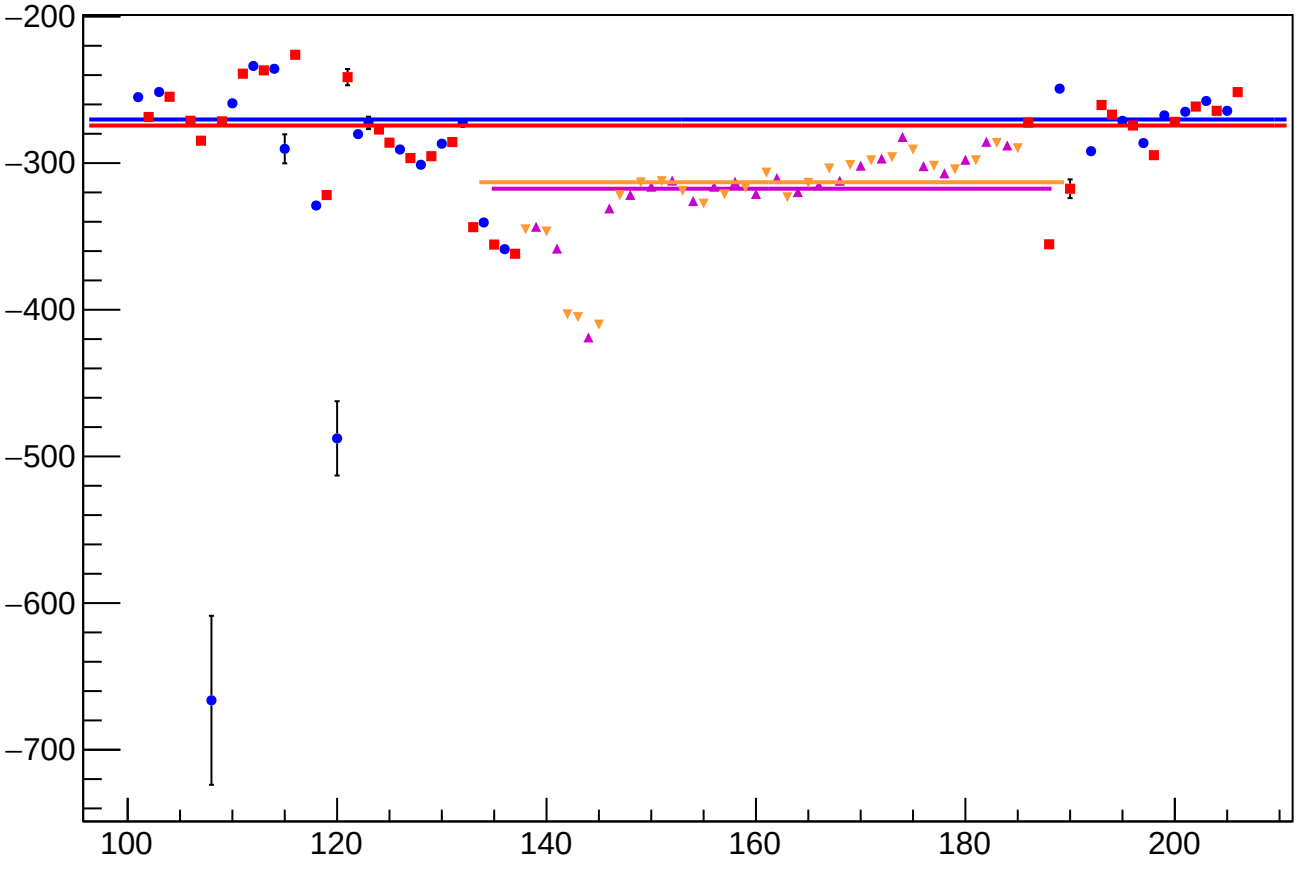
Right: 21.860+/-0.013 χ^2/NDF: 58983.1/52

In: 19.588+/-0.007 χ^2/NDF:286881.7/46

Out: 18.072+/-0.007 χ^2/NDF:240827.2/52

All: 18.837+/-0.005 χ^2/NDF: 553939.7/99

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -270.257+/-0.102 χ^2/NDF: 62416.9/24

Left Out: -313.052+/-0.096 χ^2/NDF:54405.8/24

Right Out: -274.383+/-0.085 χ^2/NDF: 80672.6/28

Left In: -317.471+/-0.095 χ^2/NDF:63067.6/22

Left: -315.276+/-0.068 χ^2/NDF: 118543.8/47

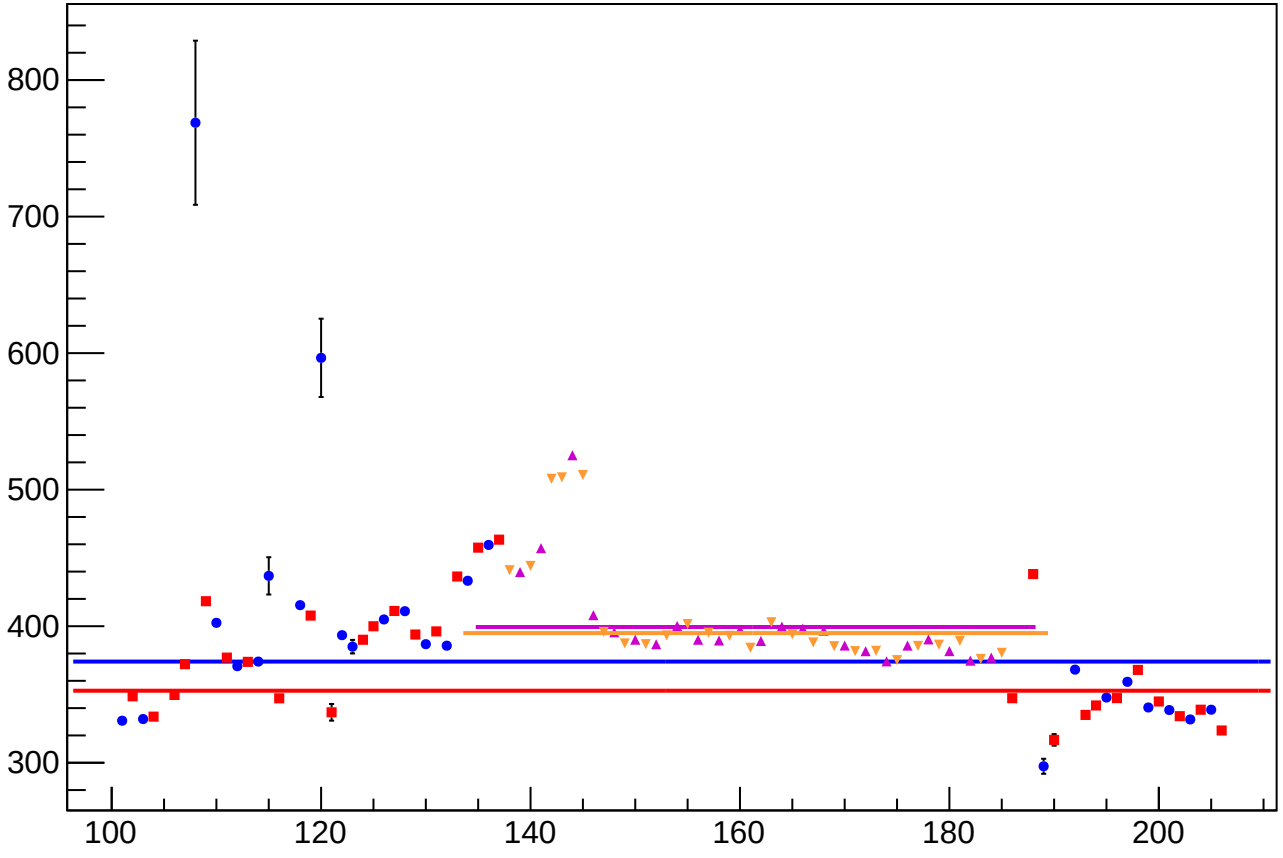
Right: -272.688+/-0.065 χ^2/NDF: 144061.4/53

In: -295.393+/-0.069 χ^2/NDF:240465.0/47

Out: -291.373+/-0.064 χ^2/NDF:226363.5/53

All: -293.204+/-0.047 χ^2/NDF: 468652.6/101

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 113480.2/24

Left Out: 394.968+/-0.096 χ^2/NDF:68076.2/24

Right Out: 352.762+/-0.084 χ^2/NDF: 124089.2/28

Left In: 399.410+/-0.097 χ^2/NDF:77209.0/22

Left: 397.169+/-0.068 χ^2/NDF: 146345.7/47

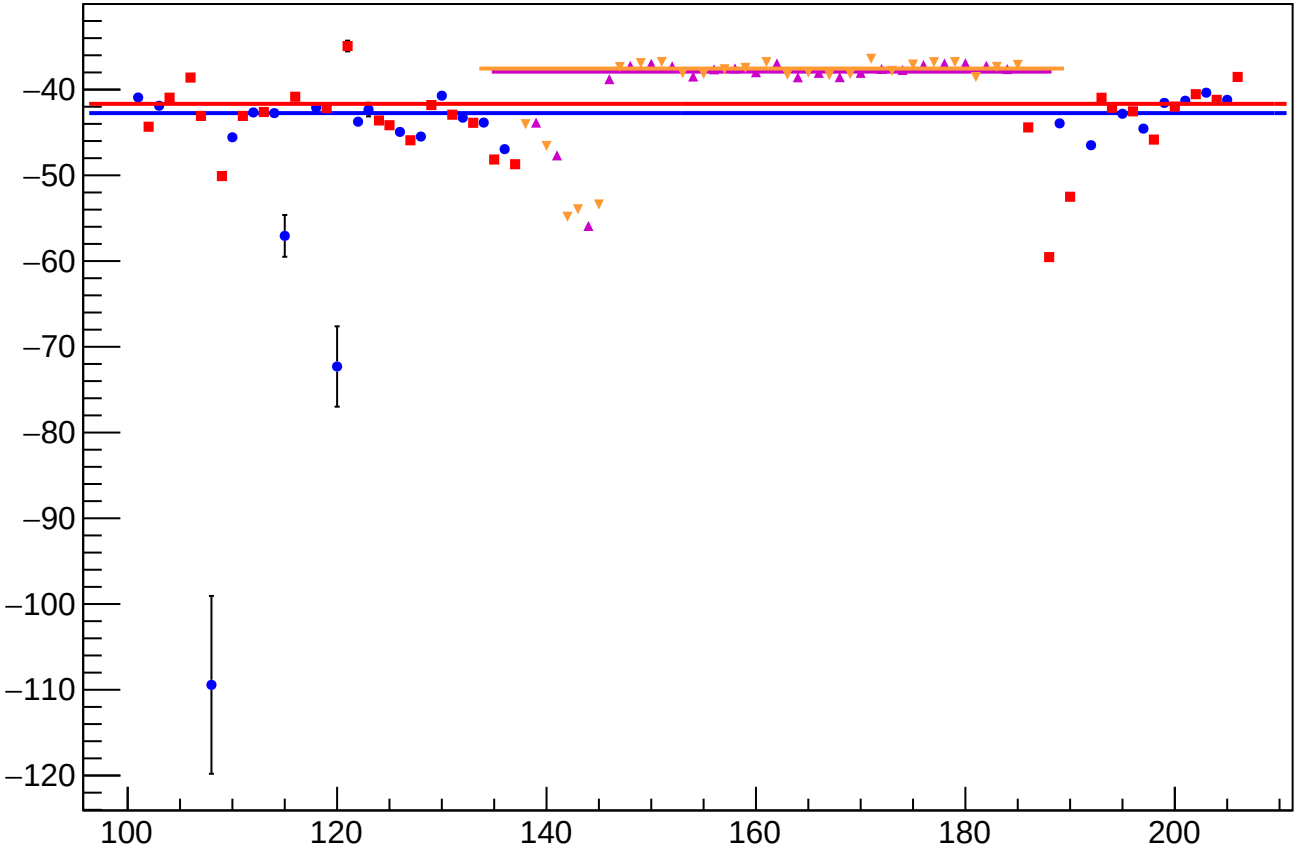
Right: 374.094+/-0.000 χ^2/NDF: 302231.3/53

In: 374.094+/-0.000 χ^2/NDF:258994.3/47

Out: 371.034+/-0.063 χ^2/NDF:301752.1/53

All: 374.094+/-0.000 χ^2/NDF: 563092.2/101

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 22064.9/24

Left Out: -37.547+/-0.004 χ^2/NDF:267131.7/24

Right Out: -41.663+/-0.010 χ^2/NDF: 41964.0/28

Left In: -37.903+/-0.004 χ^2/NDF:156960.8/22

Left: -37.711+/-0.003 χ^2/NDF: 428070.7/47

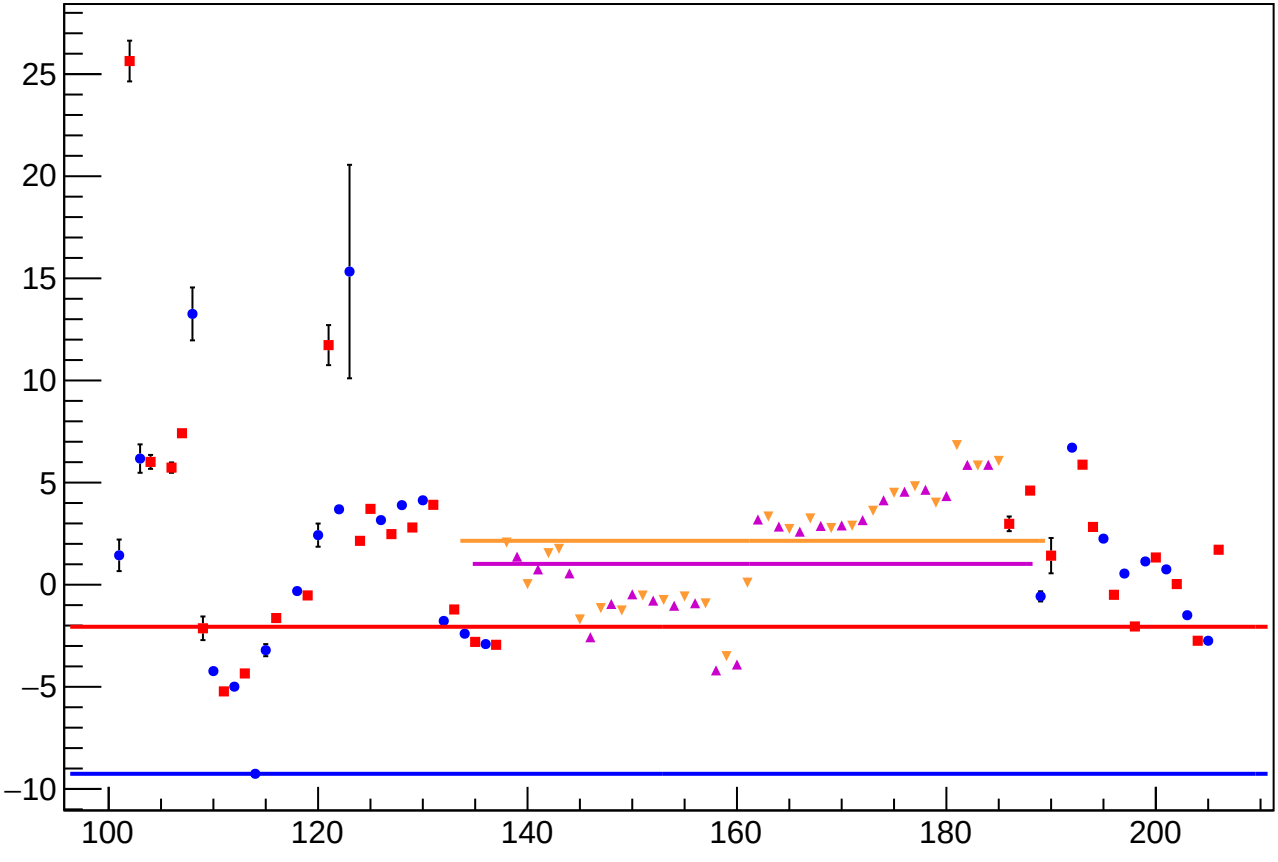
Right: -42.744+/-0.000 χ^2/NDF: 75292.0/53

In: -42.744+/-0.000 χ^2/NDF:1540919.2/47

Out: -38.058+/-0.004 χ^2/NDF:452088.4/53

All: -42.744+/-0.000 χ^2/NDF: 3696826.0/101

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259+/-0.000 χ^2/NDF: 473140.4/24

Left Out: 2.149+/-0.005 χ^2/NDF:290739.3/24

Right Out: -2.060+/-0.008 χ^2/NDF: 71404.6/28

Left In: 1.019+/-0.006 χ^2/NDF:250029.0/22

Left: 1.671+/-0.004 χ^2/NDF: 563410.5/47

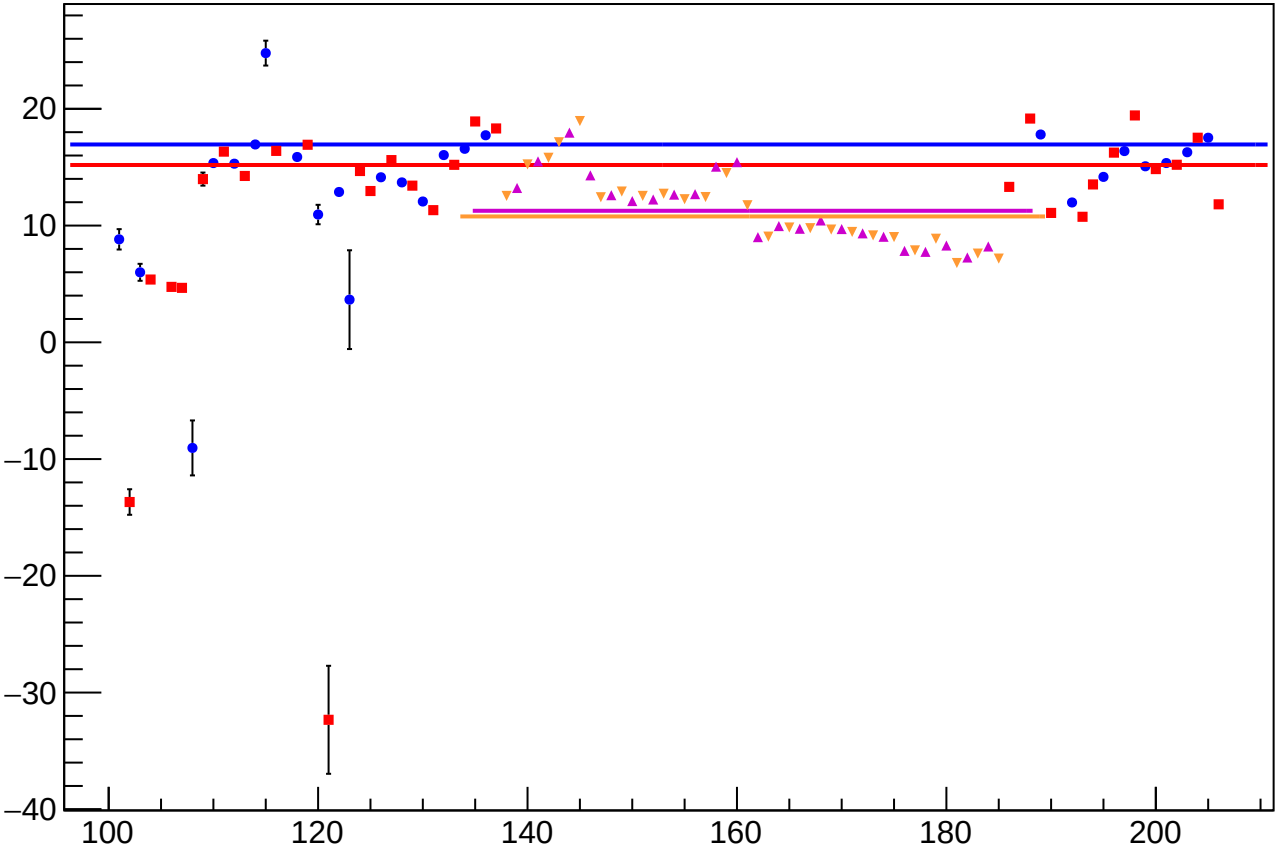
Right: -9.259+/-0.000 χ^2/NDF: 1465354.0/53

In: -9.259+/-0.000 χ^2/NDF:3971210.3/47

Out: 0.894+/-0.004 χ^2/NDF:583081.8/53

All: -9.259+/-0.000 χ^2/NDF: 10697021.4/101

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947+/-0.000 χ^2/NDF: 13629.0/24

Left Out: 10.782+/-0.007 χ^2/NDF:129427.5/24

Right Out: 15.189+/-0.015 χ^2/NDF: 35238.8/28

Left In: 11.267+/-0.008 χ^2/NDF:98438.0/22

Left: 10.986+/-0.005 χ^2/NDF: 230089.4/47

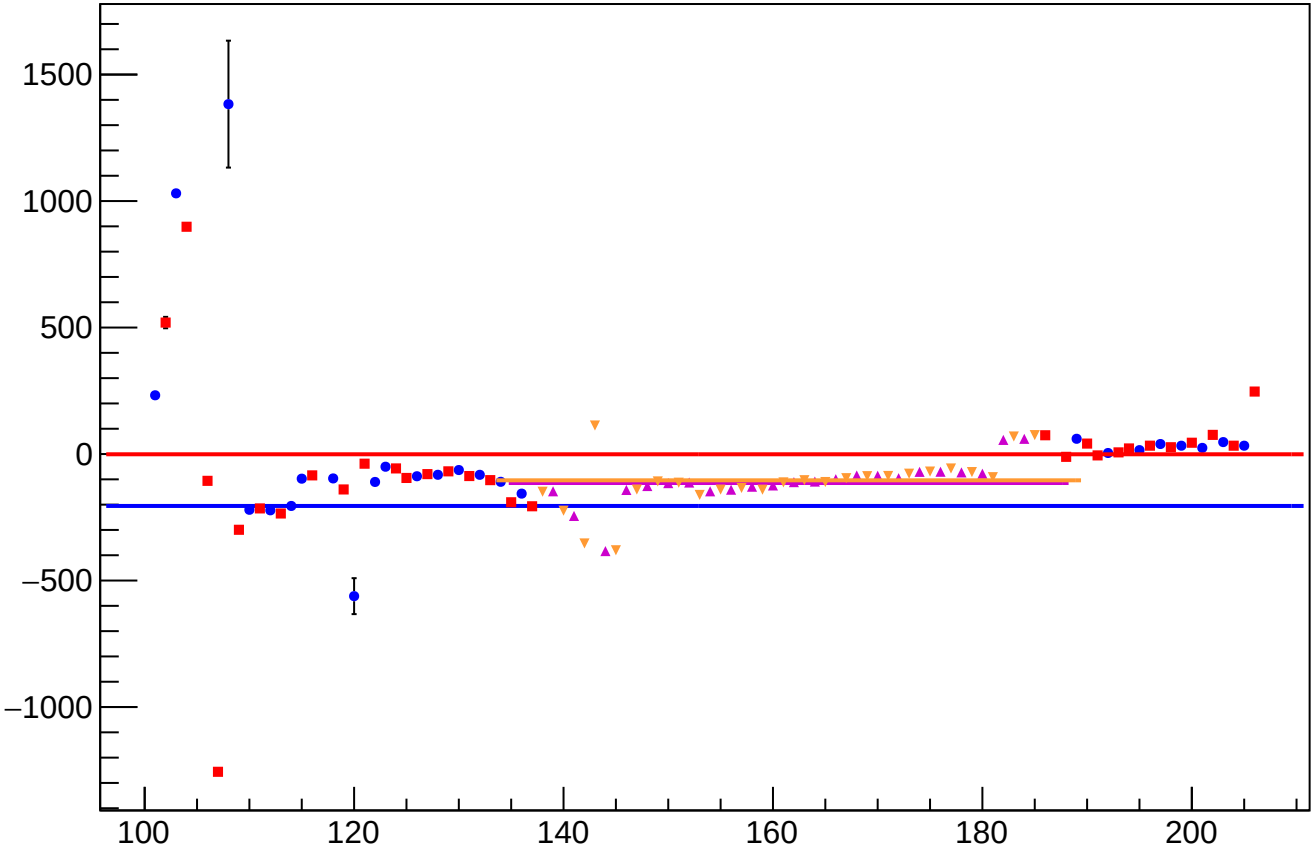
Right: 16.947+/-0.000 χ^2/NDF: 63443.6/53

In: 16.947+/-0.000 χ^2/NDF:636730.3/47

Out: 11.546+/-0.006 χ^2/NDF:240457.4/53

All: 16.947+/-0.000 χ^2/NDF: 1670901.1/101

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF: 1999483.9/24

Left Out: -103.842+/-0.192 χ^2/NDF:94751.7/24

Right Out: -0.925+/-0.193 χ^2/NDF: 203498.9/29

Left In: -114.444+/-0.225 χ^2/NDF:76837.7/22

Left: -108.306+/-0.146 χ^2/NDF: 172877.4/47

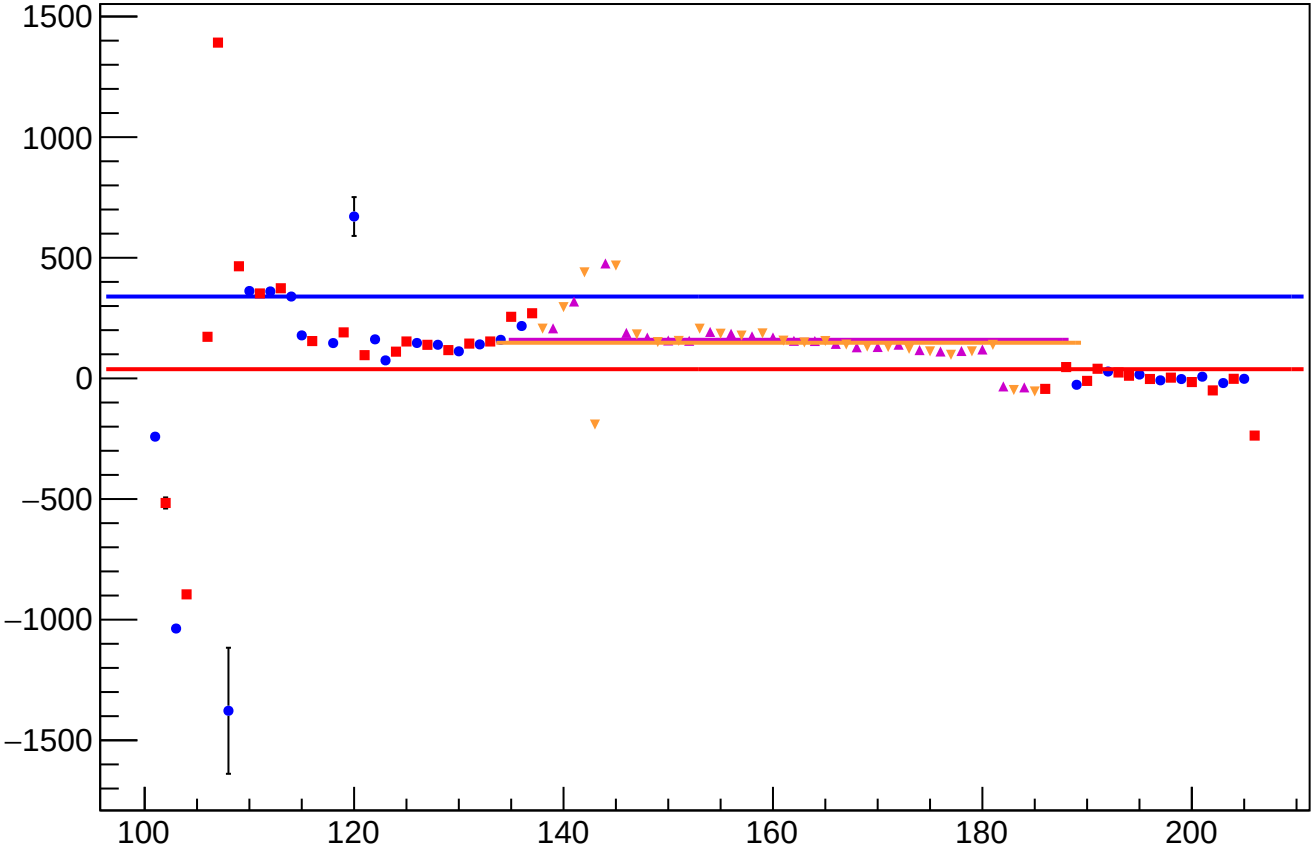
Right: -205.160+/-0.000 χ^2/NDF: 3328067.6/54

In: -205.160+/-0.000 χ^2/NDF:2239203.1/47

Out: -52.614+/-0.136 χ^2/NDF:441736.3/54

All: -205.160+/-0.000 χ^2/NDF: 3941908.8/10

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 2591882.6/24

Left Out: 147.771+/-0.196 χ^2/NDF:134281.2/24

Right Out: 38.195+/-0.190 χ^2/NDF: 299358.3/29

Left In: 160.049+/-0.230 χ^2/NDF:83579.0/22

Left: 152.950+/-0.149 χ^2/NDF: 219512.9/47

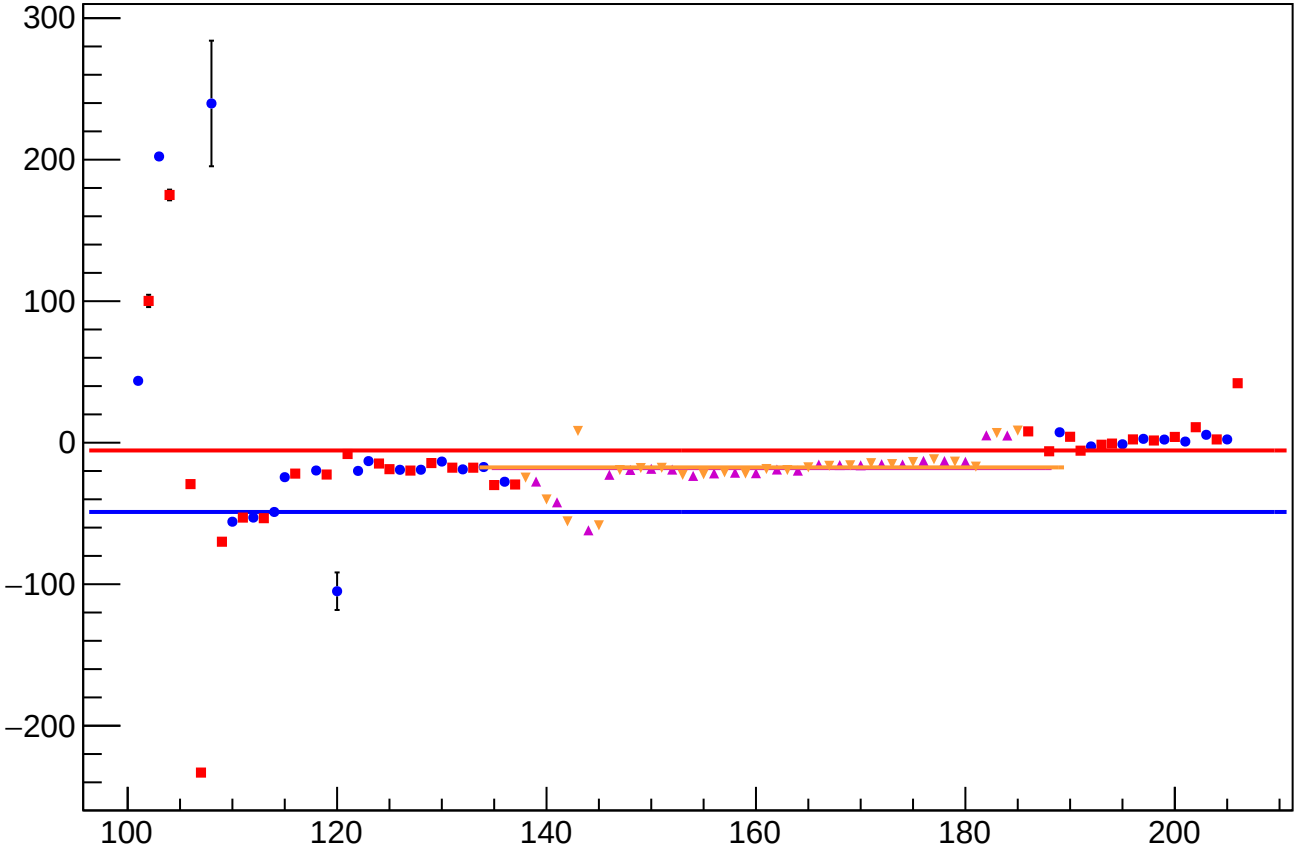
Right: 339.325+/-0.000 χ^2/NDF: 5409783.1/54

In: 339.325+/-0.000 χ^2/NDF:3284800.7/47

Out: 91.164+/-0.136 χ^2/NDF:594843.7/54

All: 339.325+/-0.000 χ^2/NDF: 7190607.5/102

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 8006425.0/24

Left Out: -17.446+/-0.010 χ^2/NDF:714044.4/24

Right Out: -5.489+/-0.026 χ^2/NDF: 426261.4/29

Left In: -17.951+/-0.012 χ^2/NDF:252123.1/22

Left: -17.648+/-0.008 χ^2/NDF: 967185.6/47

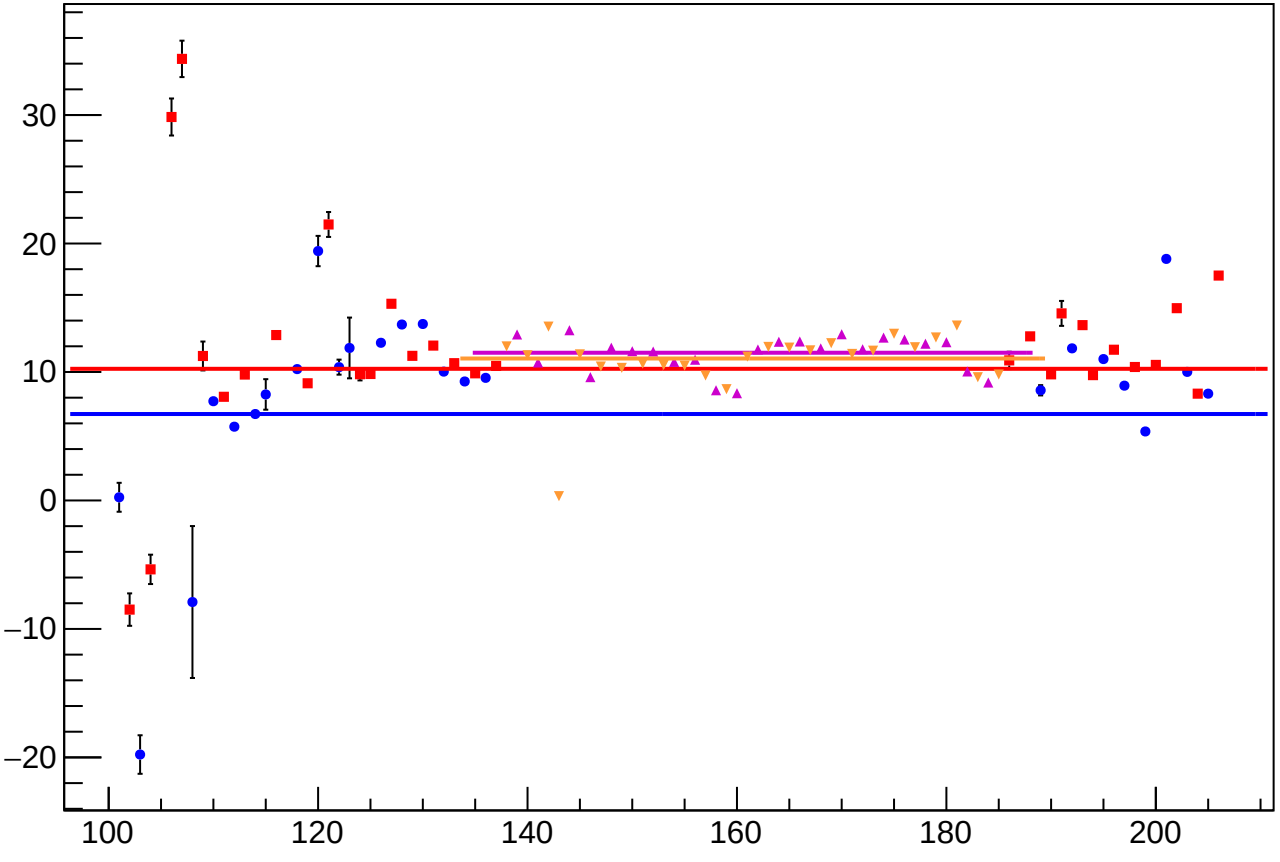
Right: -48.945+/-0.000 χ^2/NDF: 11278014.4/54

In: -48.945+/-0.000 χ^2/NDF:14645159.1/47

Out: -15.878+/-0.009 χ^2/NDF:1327463.3/54

All: -48.945+/-0.000 χ^2/NDF: 28534231.8/10

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 17782.8/24

Left Out: 11.049+/-0.012 χ^2/NDF:31618.4/24

Right Out: 10.247+/-0.033 χ^2/NDF: 6730.9/29

Left In: 11.498+/-0.010 χ^2/NDF:15848.8/22

Left: 11.309+/-0.008 χ^2/NDF: 48246.1/47

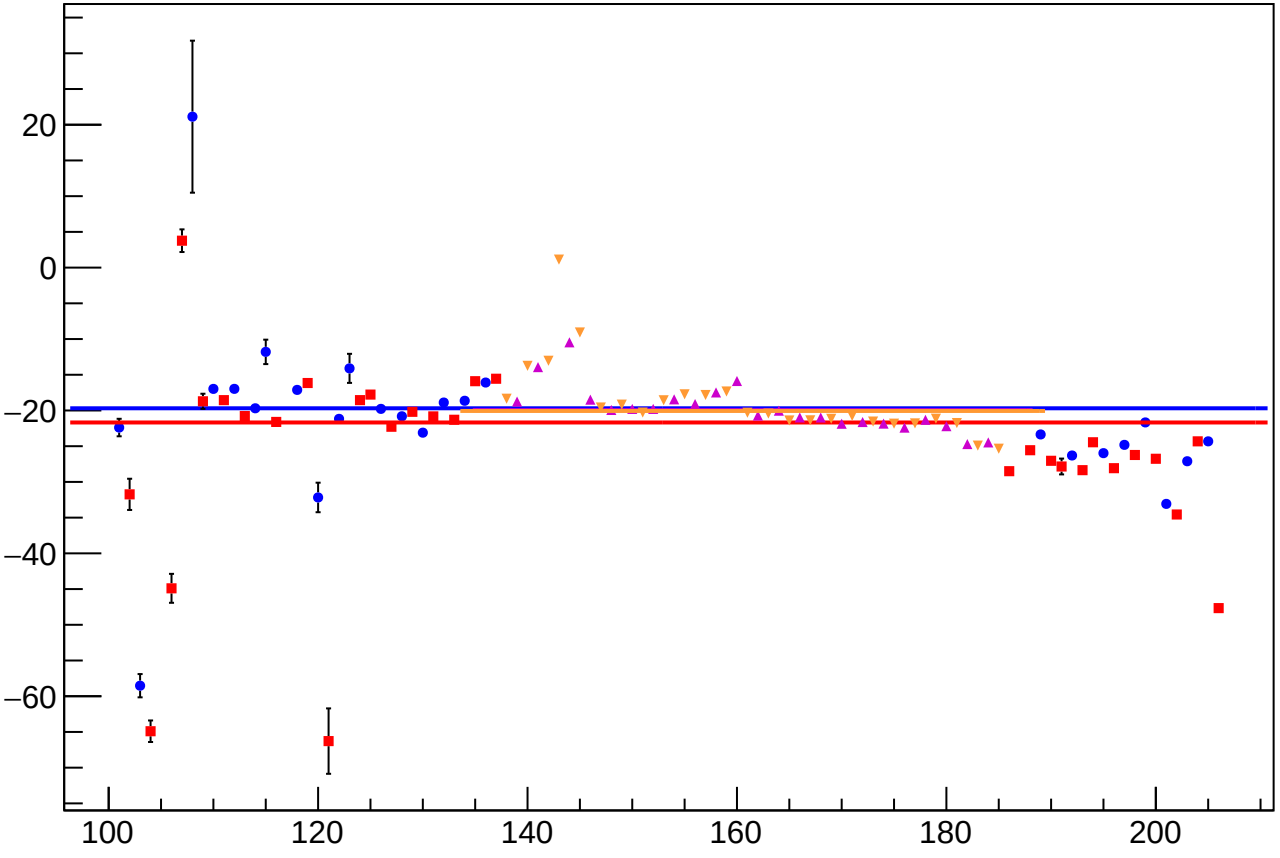
Right: 6.728+/-0.000 χ^2/NDF: 36199.7/54

In: 6.728+/-0.000 χ^2/NDF:242838.3/47

Out: 10.950+/-0.011 χ^2/NDF:38880.6/54

All: 6.728+/-0.000 χ^2/NDF: 417328.3/102

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 15172.1/24

Left Out: -20.065+/-0.014 χ^2/NDF:71466.1/24

Right Out: -21.680+/-0.042 χ^2/NDF: 13935.5/29

Left In: -19.955+/-0.015 χ^2/NDF:22657.6/22

Left: -20.015+/-0.010 χ^2/NDF: 94152.2/47

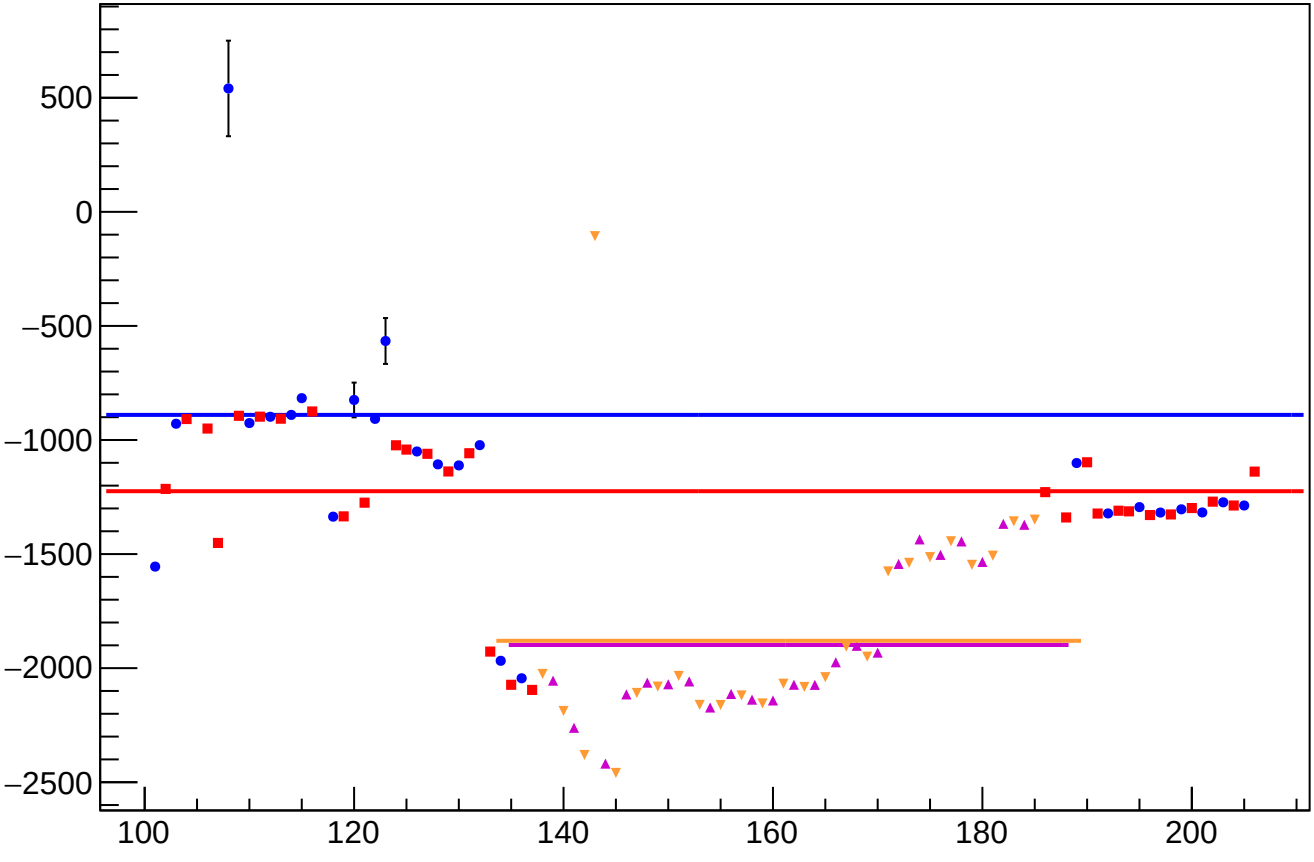
Right: -19.693+/-0.000 χ^2/NDF: 31348.3/54

In: -19.693+/-0.000 χ^2/NDF:38130.6/47

Out: -20.223+/-0.013 χ^2/NDF:86737.1/54

All: -19.693+/-0.000 χ^2/NDF: 126494.7/102

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF: 2031200.2/24

Left Out: -1880.162+/-0.353 χ^2/NDF:873293.0/24

Right Out: -1224.416+/-0.194 χ^2/NDF: 993608.8/29

Left In: -1898.497+/-0.364 χ^2/NDF:698003.8/22

Left: -1889.053+/-0.253 χ^2/NDF: 1572605.5/47

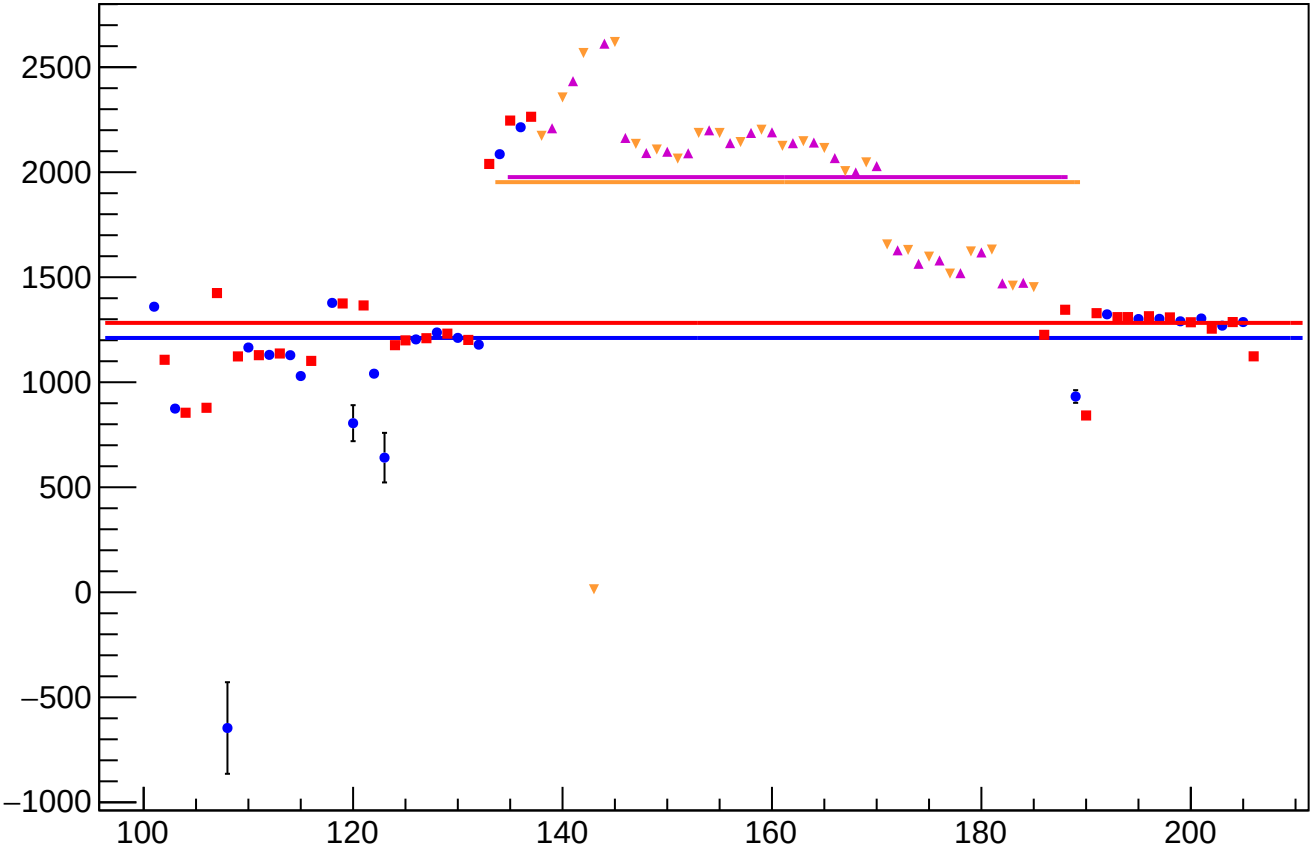
Right: -889.928+/-0.000 χ^2/NDF: 5984889.7/54

In: -889.928+/-0.000 χ^2/NDF:10418002.8/47

Out: -1377.067+/-0.170 χ^2/NDF:4515280.9/54

All: -889.928+/-0.000 χ^2/NDF: 23116706.8/1

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1210.803+/-0.203 χ^2/NDF: 592779.1/24

Left Out: 1952.706+/-0.354 χ^2/NDF:820225.3/24

Right Out: 1282.567+/-0.194 χ^2/NDF: 551973.4/29

Left In: 1976.603+/-0.367 χ^2/NDF:625684.0/22

Left: 1964.216+/-0.255 χ^2/NDF: 1448104.1/47

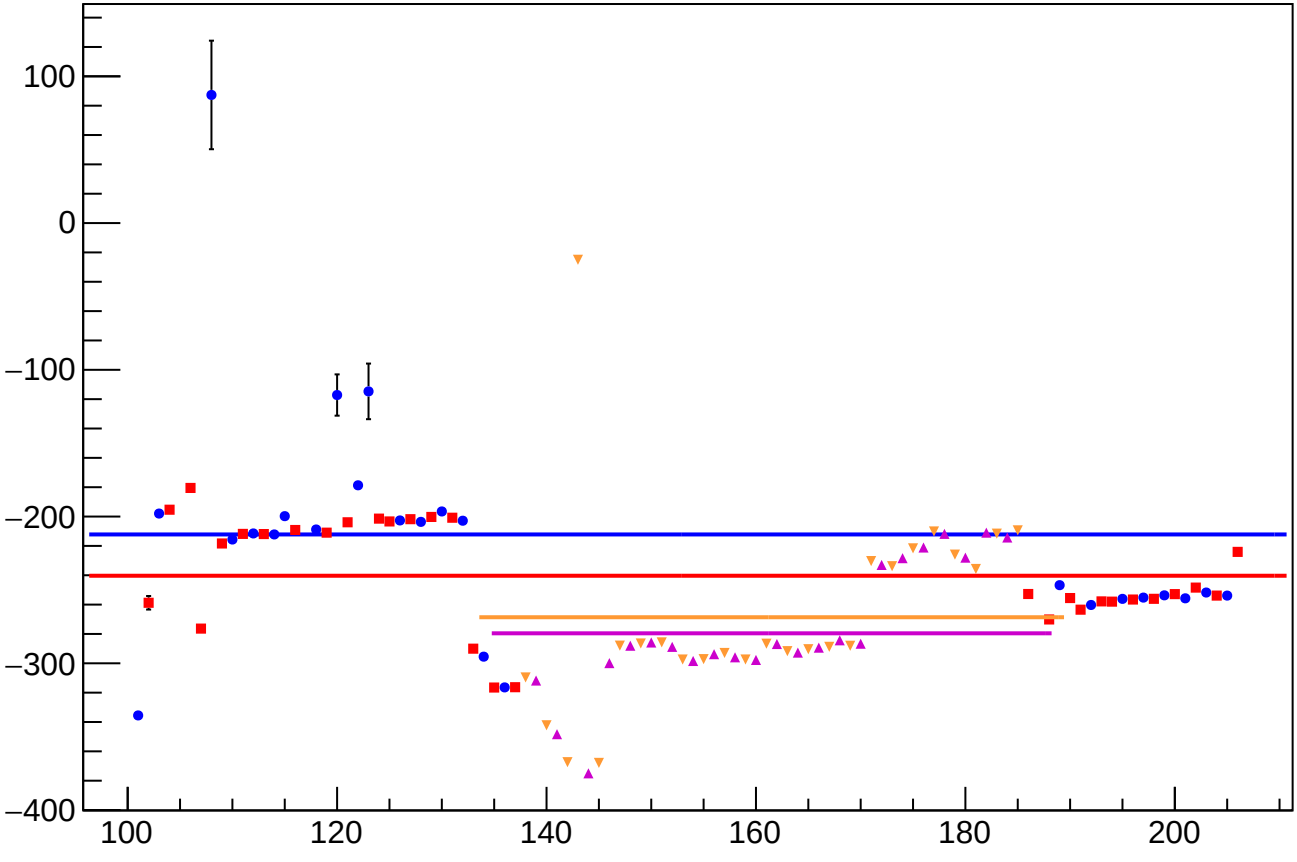
Right: 1248.347+/-0.140 χ^2/NDF: 1210125.5/54

In: 1390.045+/-0.178 χ^2/NDF:4548995.4/47

Out: 1437.120+/-0.170 χ^2/NDF:4129370.1/54

All: 1414.620+/-0.123 χ^2/NDF: 8715013.4/10

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 2014569.6/24

Left Out: -268.611+/-0.022 χ^2/NDF:7041710.3/24

Right Out: -240.332+/-0.025 χ^2/NDF: 982158.8/29

Left In: -279.563+/-0.022 χ^2/NDF:2298119.7/22

Left: -274.180+/-0.015 χ^2/NDF: 9465442.7/47

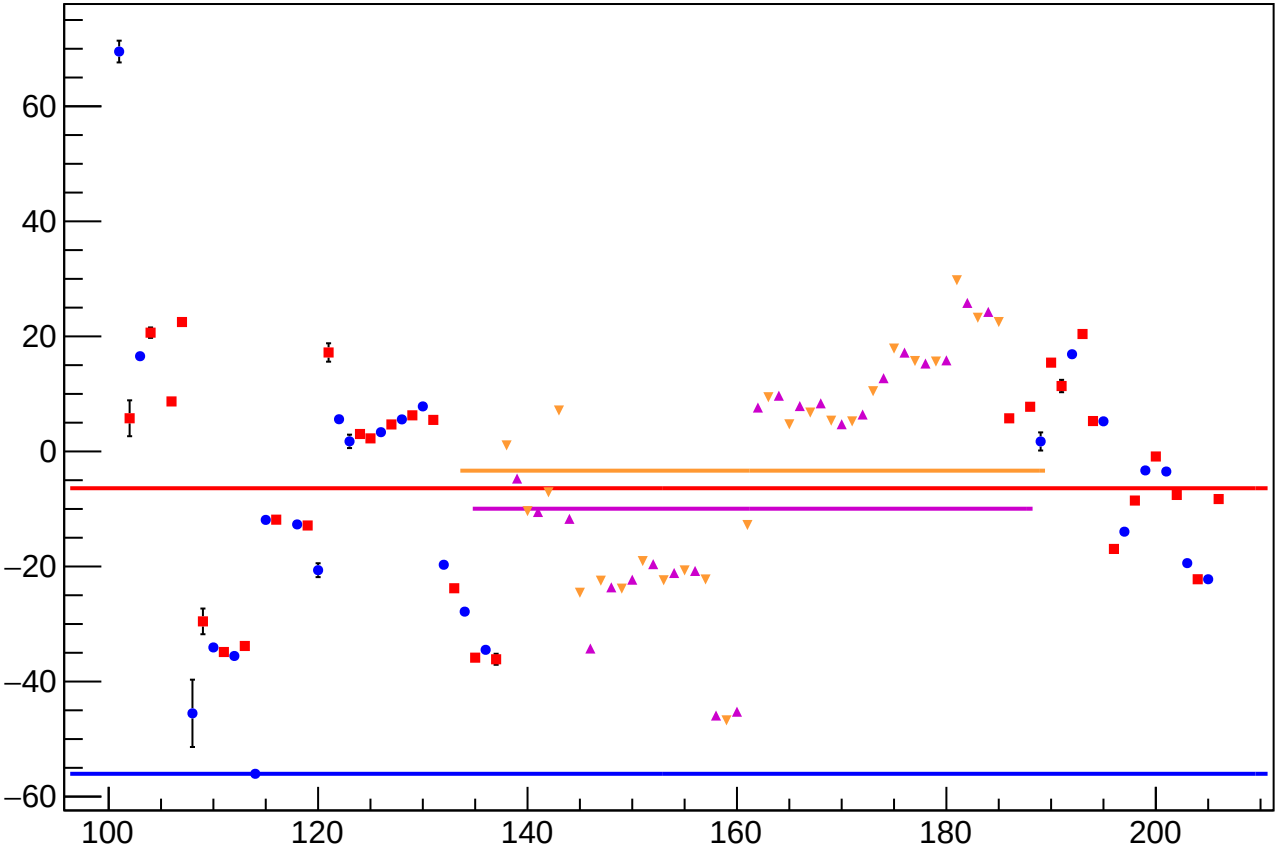
Right: -212.190+/-0.000 χ^2/NDF: 4272324.6/54

In: -212.190+/-0.000 χ^2/NDF:13984397.4/47

Out: -256.201+/-0.017 χ^2/NDF:8746655.4/54

All: -212.190+/-0.000 χ^2/NDF: 29840179.6/1

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037+/-0.000 χ^2/NDF: 1762323.7/24

Left Out: -3.341+/-0.018 χ^2/NDF:1399746.6/24

Right Out: -6.396+/-0.038 χ^2/NDF: 190548.0/29

Left In: -9.956+/-0.018 χ^2/NDF:1689839.0/22

Left: -6.485+/-0.013 χ^2/NDF: 3156876.8/47

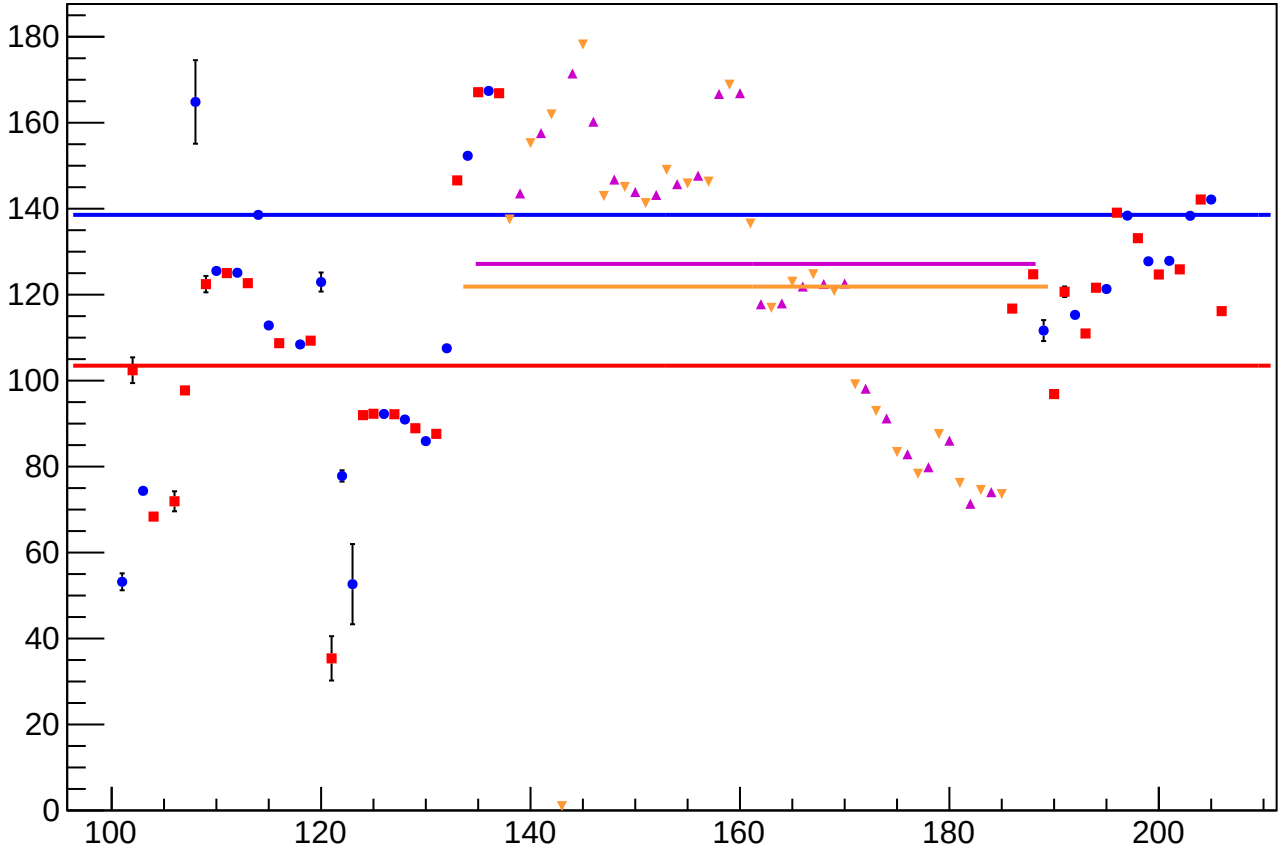
Right: -56.037+/-0.000 χ^2/NDF: 3623156.2/54

In: -56.037+/-0.000 χ^2/NDF:9676520.9/47

Out: -3.870+/-0.016 χ^2/NDF:1595525.4/54

All: -56.037+/-0.000 χ^2/NDF: 21924919.3/10

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 913834.5/24

Left Out: 121.875+/-0.024 χ^2/NDF:1617383.6/24

Right Out: 103.482+/-0.031 χ^2/NDF: 372411.0/29

Left In: 127.150+/-0.026 χ^2/NDF:1340248.6/22

Left: 124.317+/-0.018 χ^2/NDF: 2979450.2/47

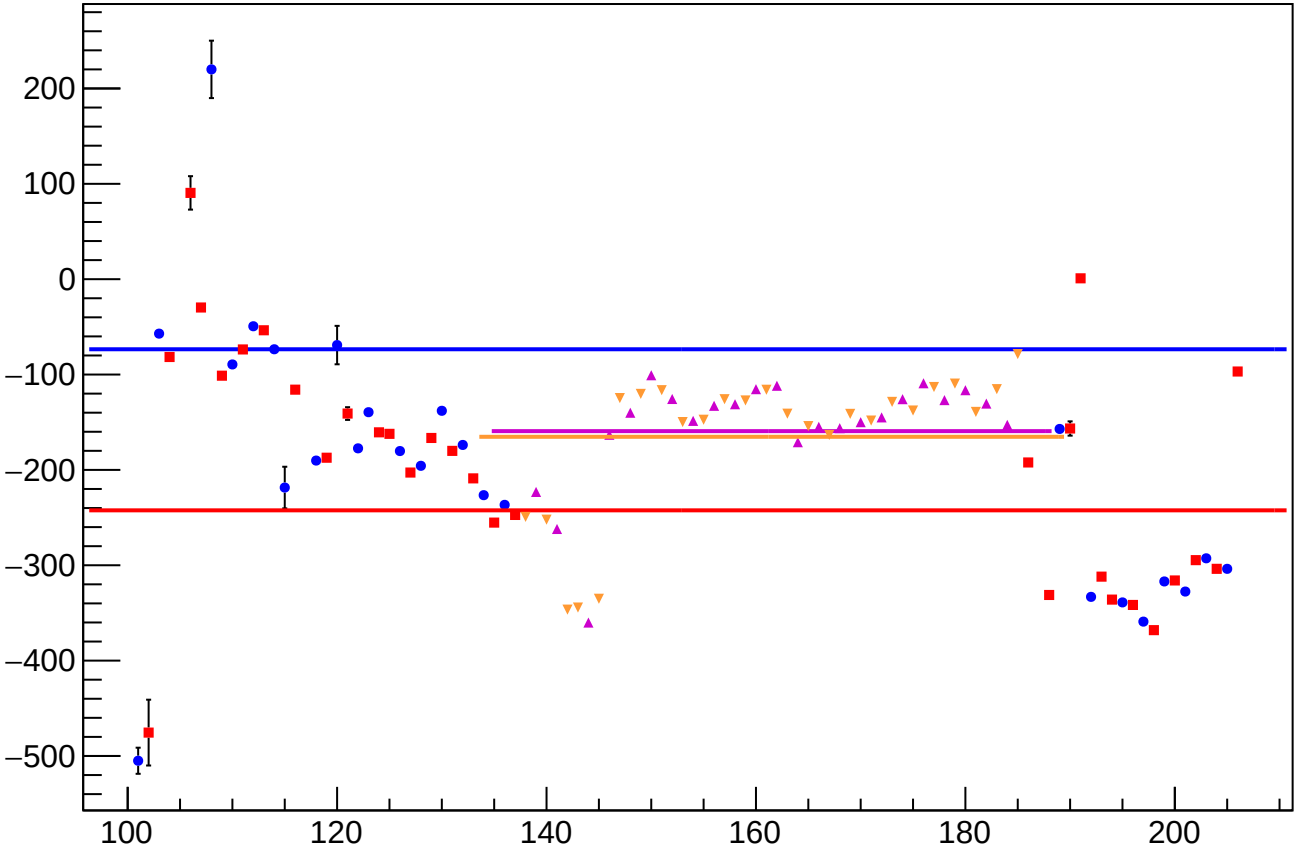
Right: 138.565+/-0.000 χ^2/NDF: 2551001.5/54

In: 138.565+/-0.000 χ^2/NDF:2444283.6/47

Out: 114.929+/-0.019 χ^2/NDF:2206133.6/54

All: 138.565+/-0.000 χ^2/NDF: 6170572.0/102

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485+/-0.000 χ^2/NDF: 519172.4/24

Left Out: -165.282+/-0.232 χ^2/NDF:84301.0/24

Right Out: -242.409+/-0.219 χ^2/NDF: 231561.1/29

Left In: -159.346+/-0.239 χ^2/NDF:73885.5/22

Left: -162.407+/-0.166 χ^2/NDF: 158504.2/47

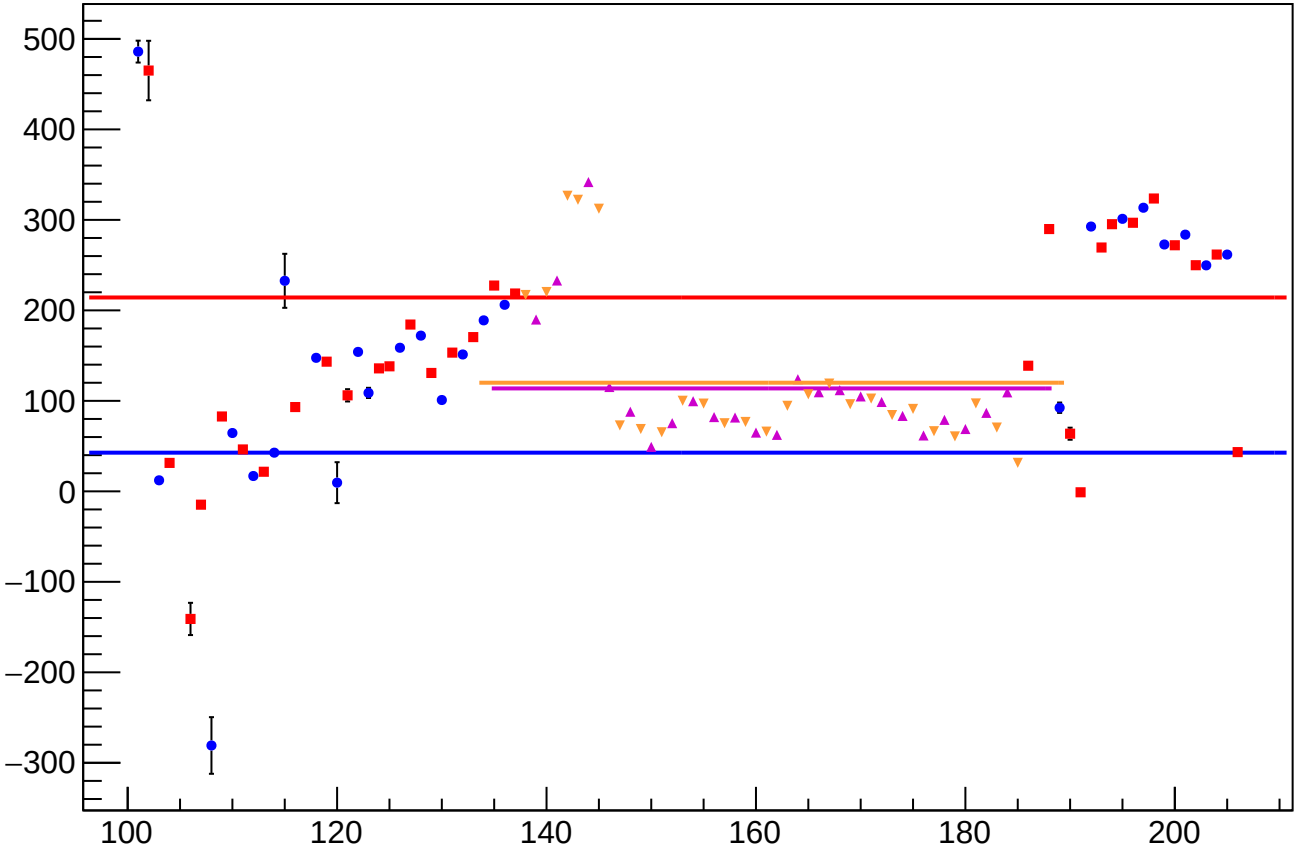
Right: -73.485+/-0.000 χ^2/NDF: 1345228.0/54

In: -73.485+/-0.000 χ^2/NDF:721963.7/47

Out: -206.007+/-0.159 χ^2/NDF:374353.3/54

All: -73.485+/-0.000 χ^2/NDF: 1789235.5/102

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 485143.0/24

Left Out: 120.053+/-0.237 χ^2/NDF:97926.9/24

Right Out: 214.243+/-0.224 χ^2/NDF: 191789.1/29

Left In: 113.733+/-0.246 χ^2/NDF:81886.4/22

Left: 117.016+/-0.171 χ^2/NDF: 180155.1/47

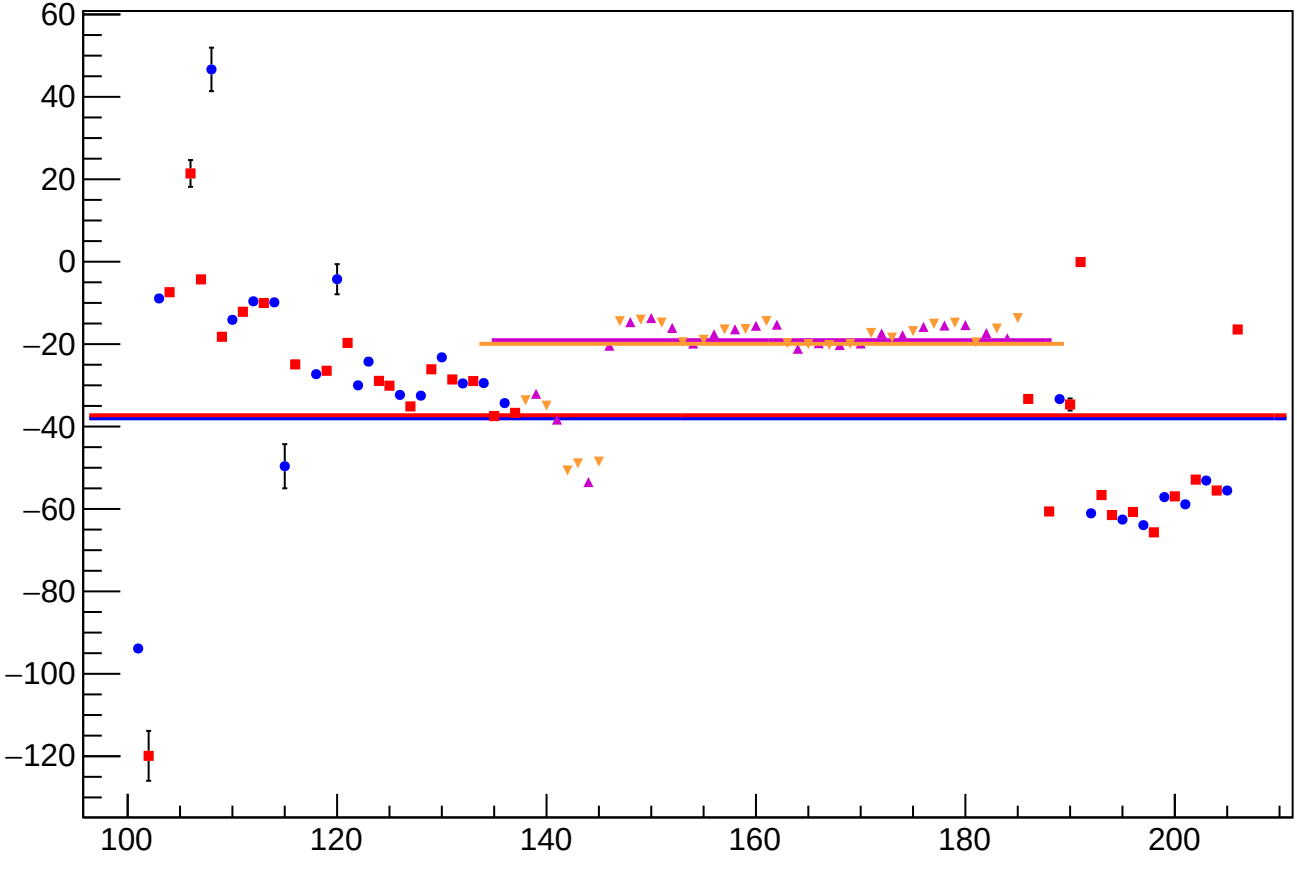
Right: 42.743+/-0.000 χ^2/NDF: 1264113.2/54

In: 42.743+/-0.000 χ^2/NDF:650092.4/47

Out: 169.837+/-0.163 χ^2/NDF:373215.7/54

All: 42.743+/-0.000 χ^2/NDF: 1633420.6/102

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -38.003+/-0.029 χ^2/NDF: 276308.8/24

Left Out: -19.926+/-0.012 χ^2/NDF:374900.2/24

Right Out: -37.264+/-0.026 χ^2/NDF: 678256.6/29

Left In: -19.047+/-0.014 χ^2/NDF:214747.8/22

Left: -19.543+/-0.009 χ^2/NDF: 591888.6/47

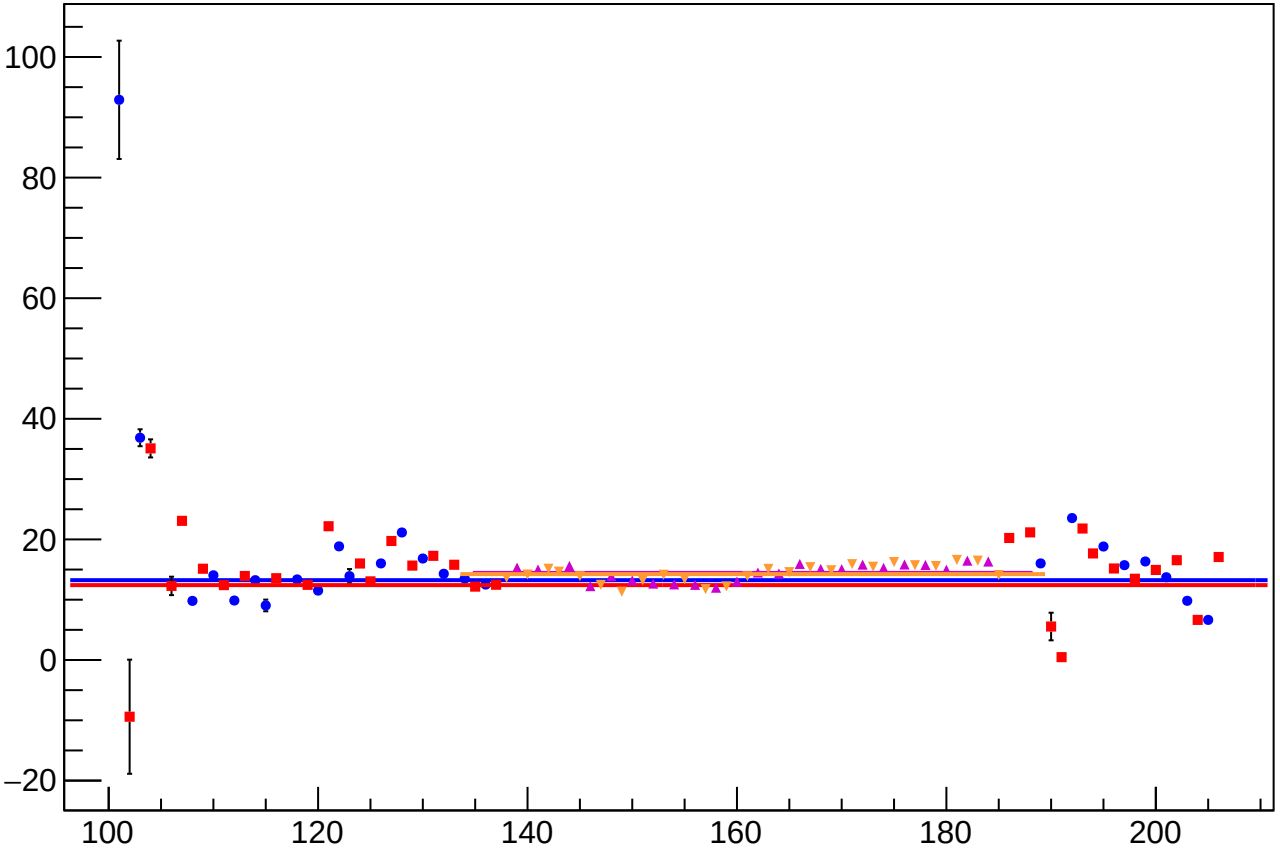
Right: -37.597+/-0.019 χ^2/NDF: 954929.9/54

In: -22.667+/-0.013 χ^2/NDF:843851.7/47

Out: -23.081+/-0.011 χ^2/NDF:1417205.1/54

All: -22.900+/-0.008 χ^2/NDF: 2261669.0/102

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 8276.5/24

Left Out: 14.245+/-0.012 χ^2/NDF:12367.6/24

Right Out: 12.419+/-0.038 χ^2/NDF: 25189.3/29

Left In: 14.441+/-0.012 χ^2/NDF:12955.9/22

Left: 14.346+/-0.008 χ^2/NDF: 25459.7/47

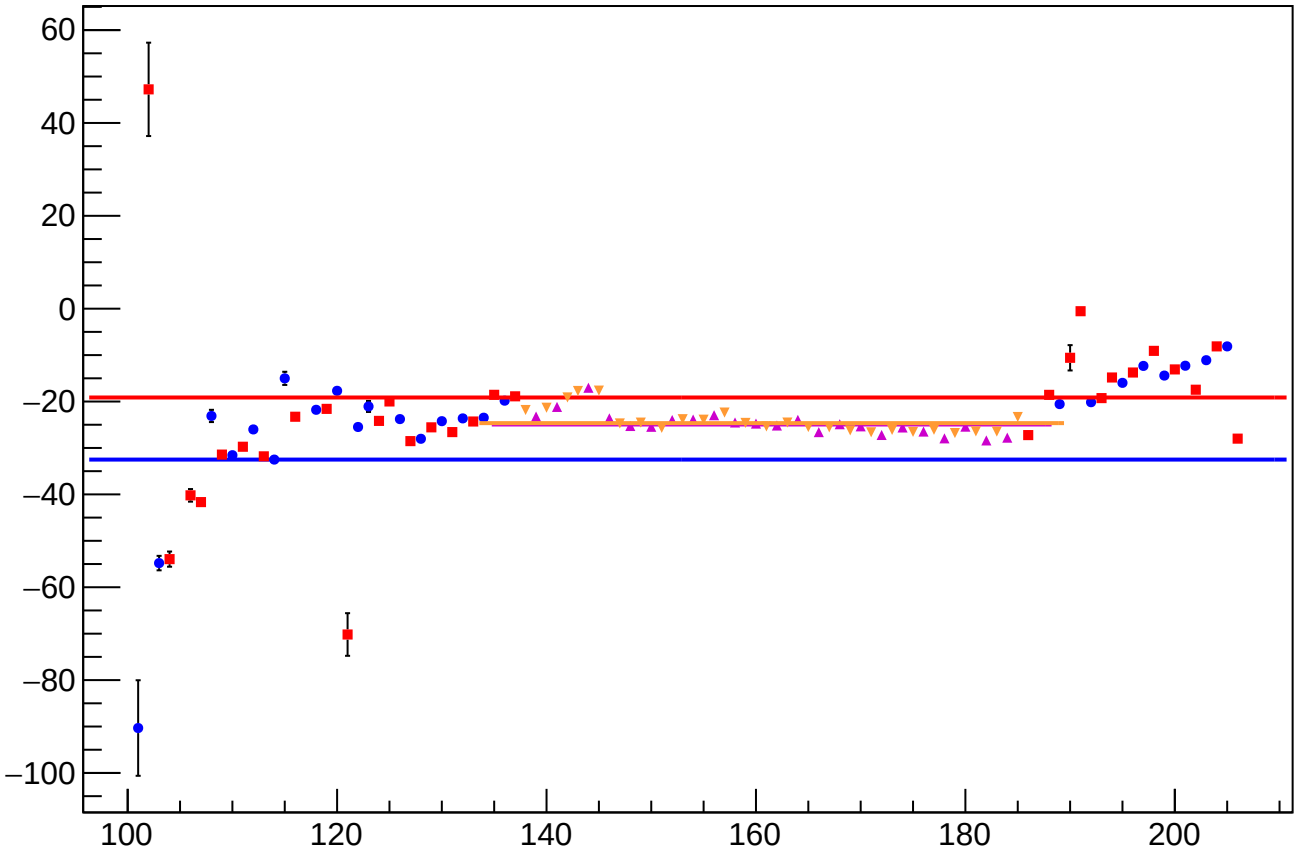
Right: 13.238+/-0.000 χ^2/NDF: 33929.6/54

In: 13.238+/-0.000 χ^2/NDF:31898.3/47

Out: 14.080+/-0.011 χ^2/NDF:39656.1/54

All: 13.238+/-0.000 χ^2/NDF: 76988.6/102

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504+/-0.000 χ^2/NDF: 100173.4/24

Left Out: -24.652+/-0.015 χ^2/NDF:23058.0/24

Right Out: -19.131+/-0.038 χ^2/NDF: 67355.1/29

Left In: -24.948+/-0.015 χ^2/NDF:14049.6/22

Left: -24.798+/-0.011 χ^2/NDF: 37300.4/47

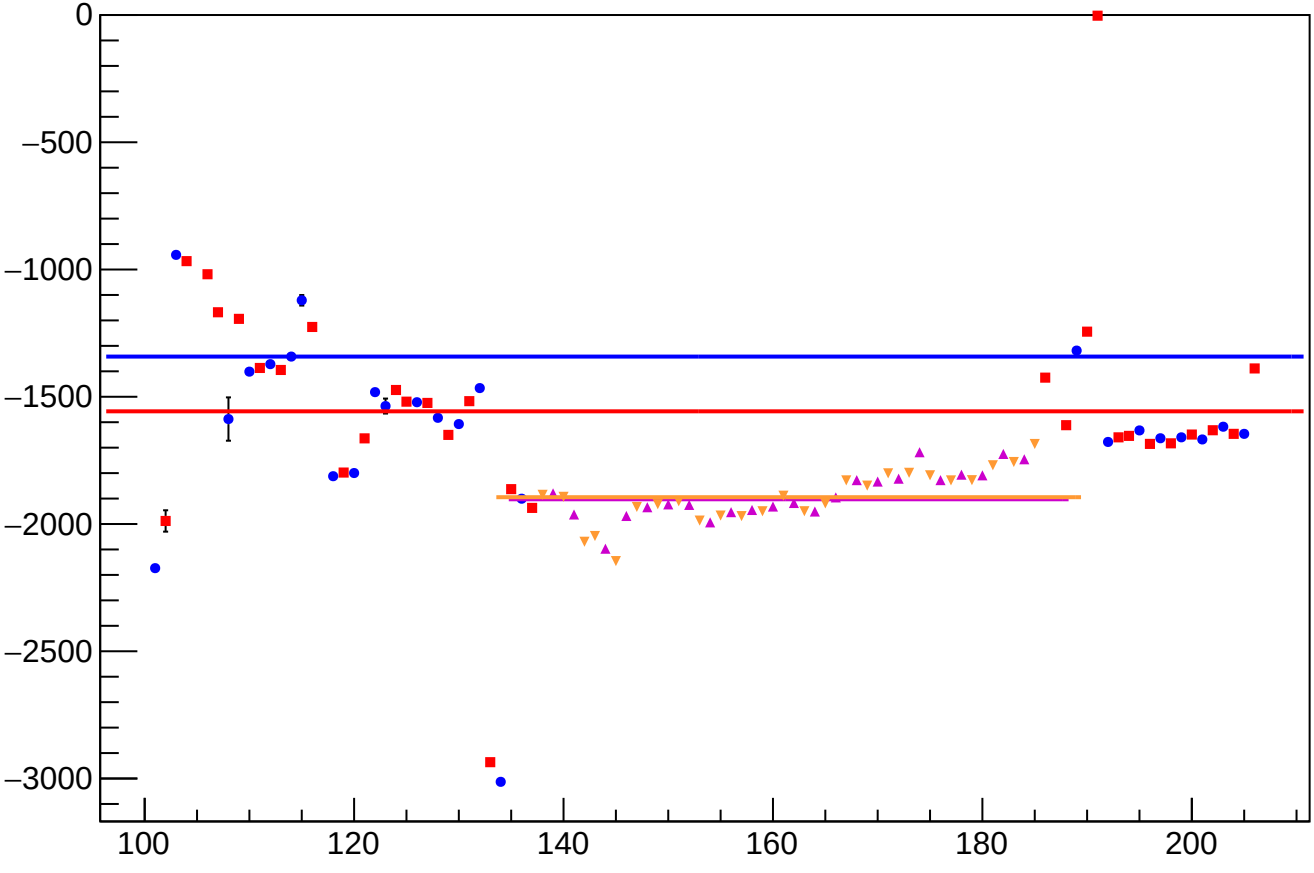
Right: -32.504+/-0.000 χ^2/NDF: 289757.9/54

In: -32.504+/-0.000 χ^2/NDF:362124.3/47

Out: -23.919+/-0.014 χ^2/NDF:108481.9/54

All: -32.504+/-0.000 χ^2/NDF: 850096.7/102

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 917137.8/24

Left Out: -1894.646+/-0.318 χ^2/NDF:67387.8/24

Right Out: -1557.199+/-0.232 χ^2/NDF: 2001716.9/29

Left In: -1902.803+/-0.289 χ^2/NDF:69208.9/22

Left: -1899.114+/-0.214 χ^2/NDF: 136957.6/47

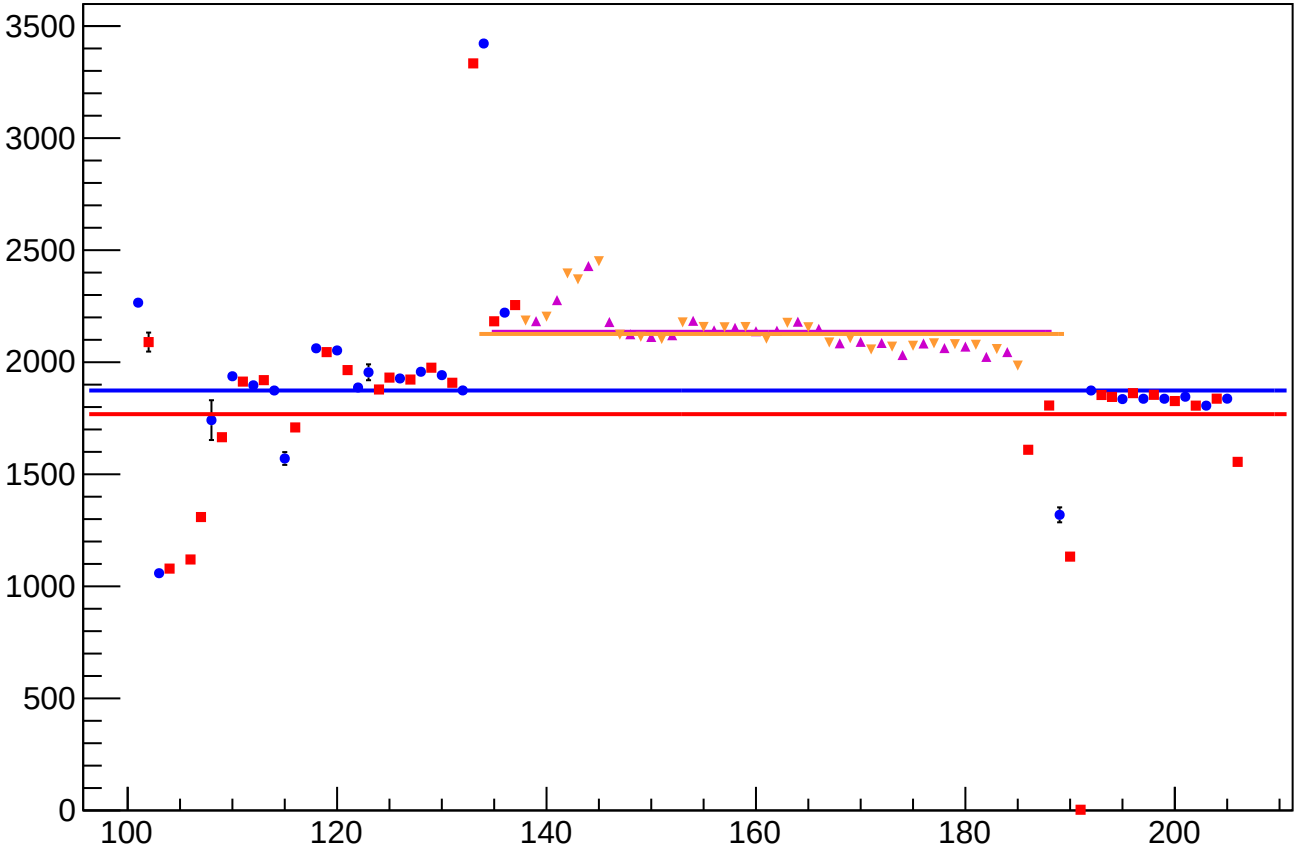
Right: -1342.107+/-0.000 χ^2/NDF: 3775779.7/54

In: -1342.107+/-0.000 χ^2/NDF:4756433.1/47

Out: -1674.759+/-0.188 χ^2/NDF:2803888.4/54

All: -1342.107+/-0.000 χ^2/NDF: 10705759.2/

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852+/-0.000 χ^2/NDF: 207739.9/24

Left Out: 2126.160+/-0.317 χ^2/NDF:48244.0/24

Right Out: 1768.301+/-0.231 χ^2/NDF: 3365533.6/29

Left In: 2135.770+/-0.290 χ^2/NDF:58031.3/22

Left: 2131.403+/-0.214 χ^2/NDF: 106775.9/47

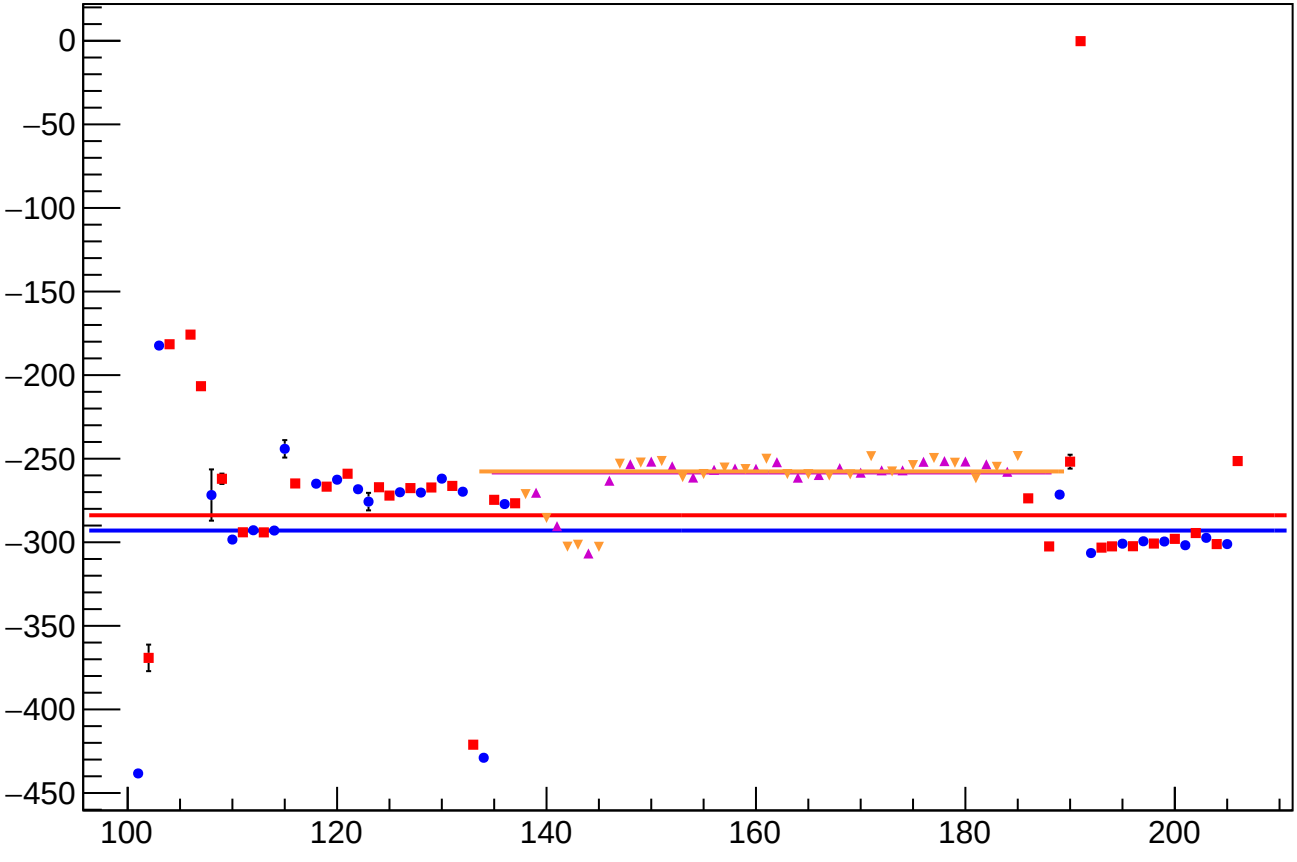
Right: 1873.852+/-0.000 χ^2/NDF: 3782906.7/54

In: 1873.852+/-0.000 χ^2/NDF:1084217.7/47

Out: 1891.947+/-0.187 χ^2/NDF:4246364.8/54

All: 1873.852+/-0.000 χ^2/NDF: 5339996.2/10

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1064447.3/24

Left Out: -257.631+/-0.020 χ^2/NDF:226942.0/24

Right Out: -283.853+/-0.031 χ^2/NDF: 2008186.7/29

Left In: -258.240+/-0.017 χ^2/NDF:268186.3/22

Left: -257.974+/-0.013 χ^2/NDF: 495658.2/47

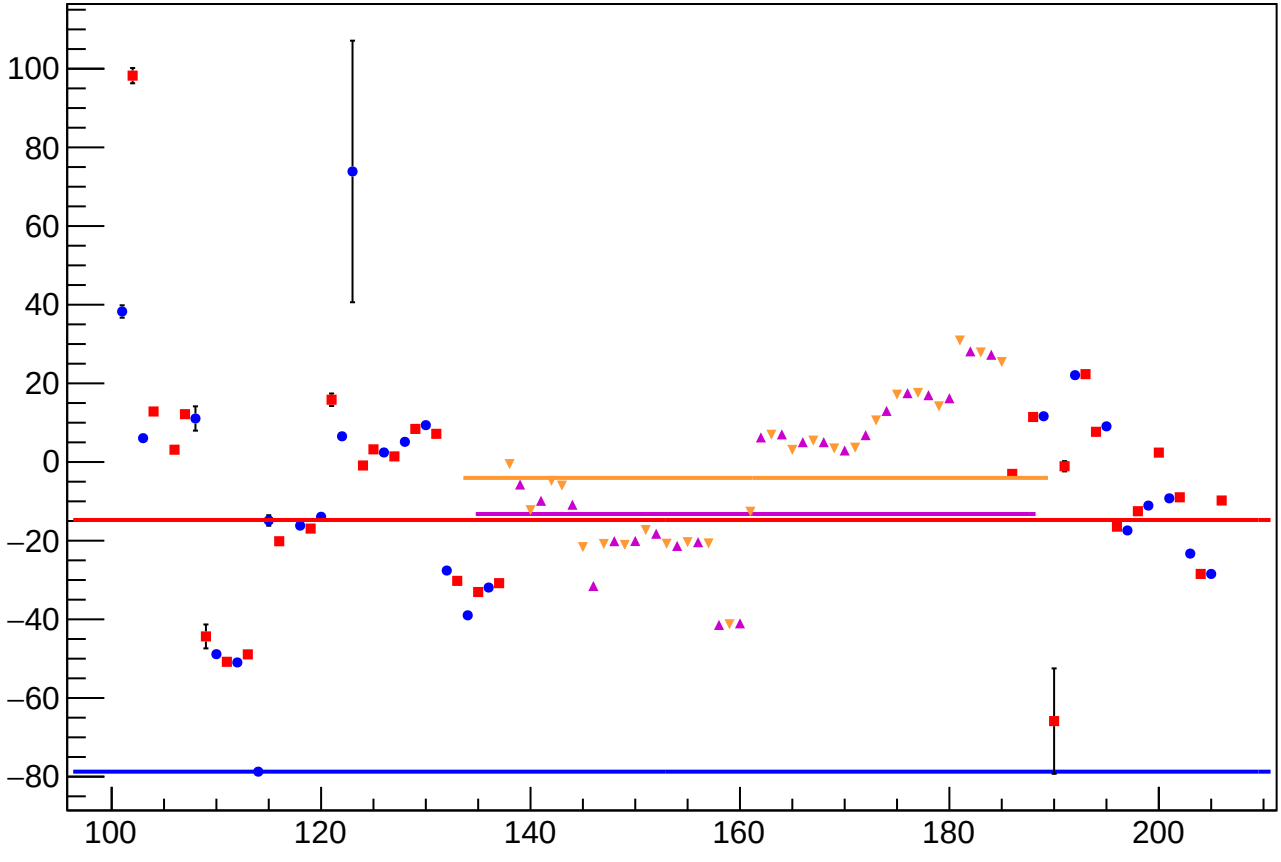
Right: -292.986+/-0.000 χ^2/NDF: 3158953.7/54

In: -292.986+/-0.000 χ^2/NDF:5279282.2/47

Out: -265.230+/-0.017 χ^2/NDF:2740423.2/54

All: -292.986+/-0.000 χ^2/NDF: 10770716.4/1

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1683578.7/24

Left Out: -4.036+/-0.017 χ^2/NDF:1369619.3/24

Right Out: -14.737+/-0.061 χ^2/NDF: 102707.7/29

Left In: -13.213+/-0.017 χ^2/NDF:1356033.4/22

Left: -8.666+/-0.012 χ^2/NDF: 2871427.0/47

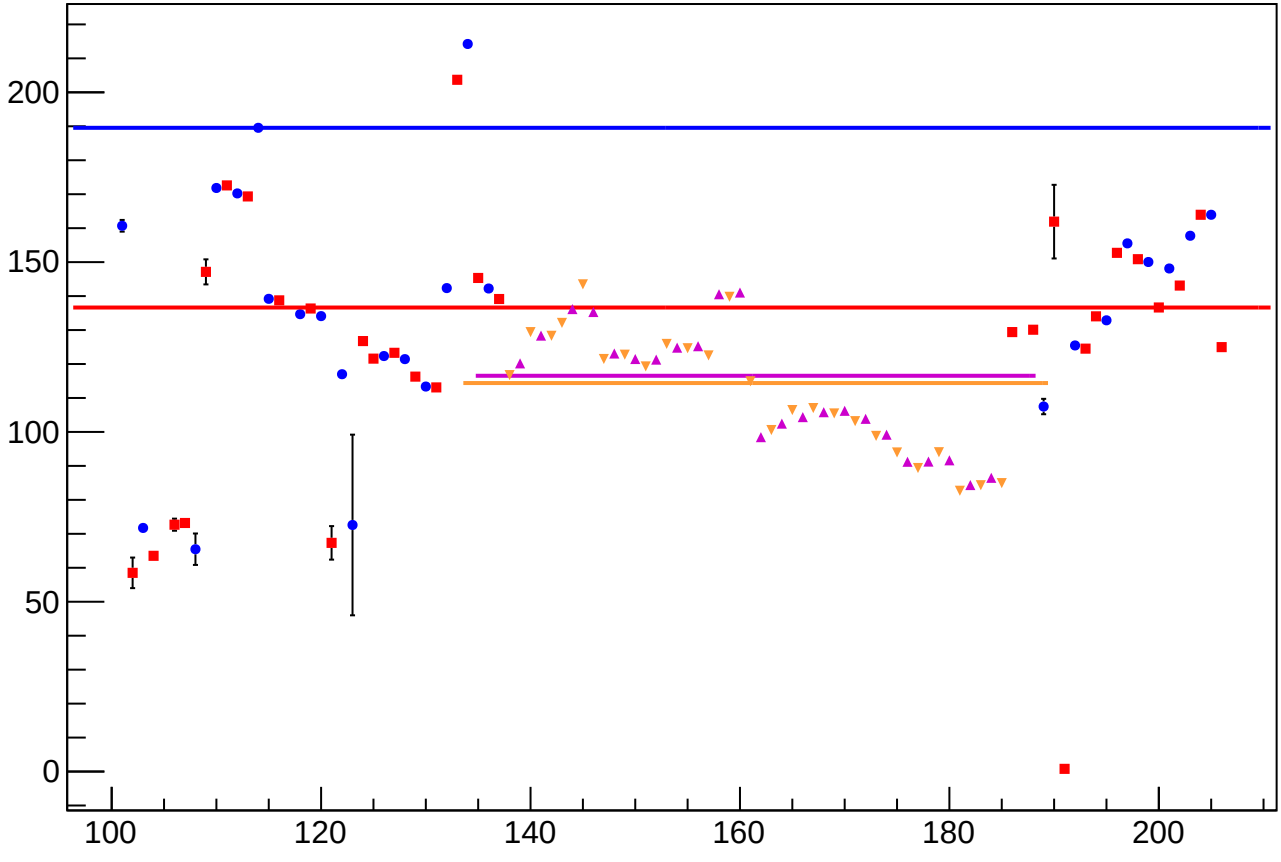
Right: -78.728+/-0.000 χ^2/NDF: 2883444.3/54

In: -78.728+/-0.000 χ^2/NDF:18036387.0/47

Out: -4.811+/-0.016 χ^2/NDF:1500786.9/54

All: -78.728+/-0.000 χ^2/NDF: 39746565.5/10

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551+/-0.000 χ^2/NDF: 1051101.9/24

Left Out: 114.395+/-0.023 χ^2/NDF:434871.2/24

Right Out: 136.633+/-0.052 χ^2/NDF: 137029.8/29

Left In: 116.538+/-0.024 χ^2/NDF:458128.6/22

Left: 115.418+/-0.016 χ^2/NDF: 897301.5/47

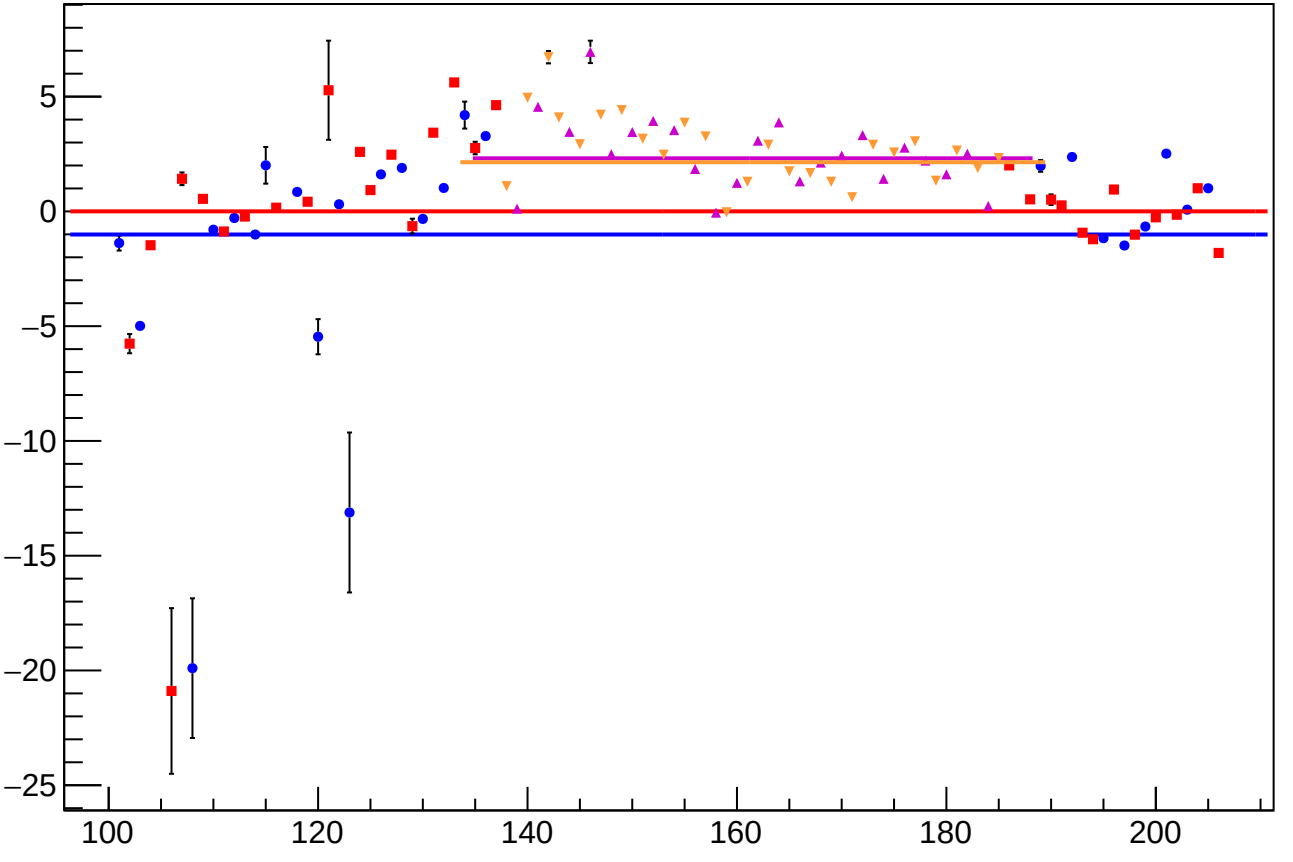
Right: 189.551+/-0.000 χ^2/NDF: 2228636.6/54

In: 189.551+/-0.000 χ^2/NDF:11071043.0/47

Out: 117.935+/-0.021 χ^2/NDF:726406.8/54

All: 189.551+/-0.000 χ^2/NDF: 23769705.0/10

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 9450.5/24

Left Out: 2.143+/-0.015 χ^2/NDF:6585.0/24

Right Out: 0.002+/-0.013 χ^2/NDF: 6802.6/29

Left In: 2.313+/-0.014 χ^2/NDF:7446.3/22

Left: 2.231+/-0.010 χ^2/NDF: 14101.5/47

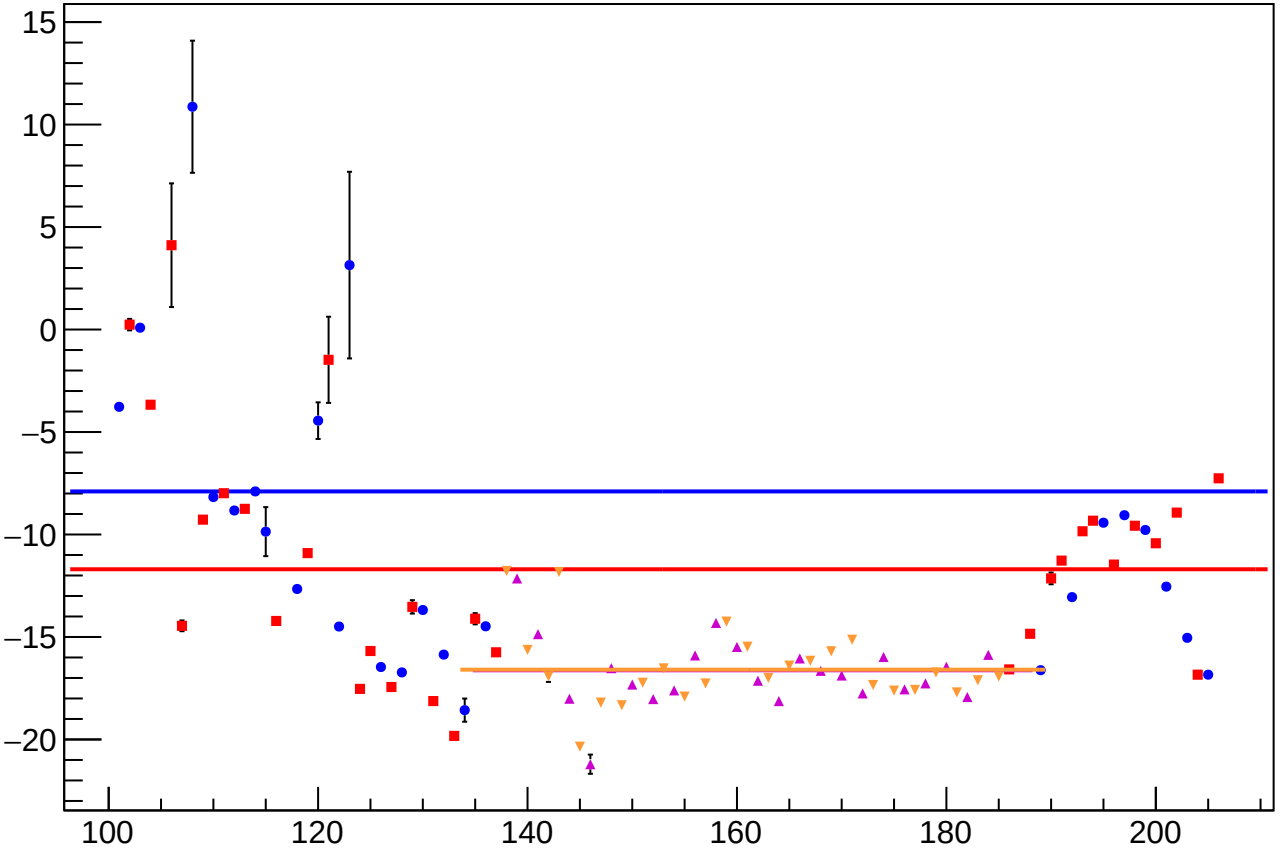
Right: -1.007+/-0.000 χ^2/NDF: 22654.9/54

In: -1.007+/-0.000 χ^2/NDF:72620.8/47

Out: 0.914+/-0.010 χ^2/NDF:25645.0/54

All: -1.007+/-0.000 χ^2/NDF: 138631.6/102

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899+/-0.000 χ^2/NDF: 73022.1/24

Left Out: -16.595+/-0.014 χ^2/NDF:8432.7/24

Right Out: -11.696+/-0.014 χ^2/NDF: 51672.6/29

Left In: -16.625+/-0.015 χ^2/NDF:6289.5/22

Left: -16.610+/-0.010 χ^2/NDF: 14724.4/47

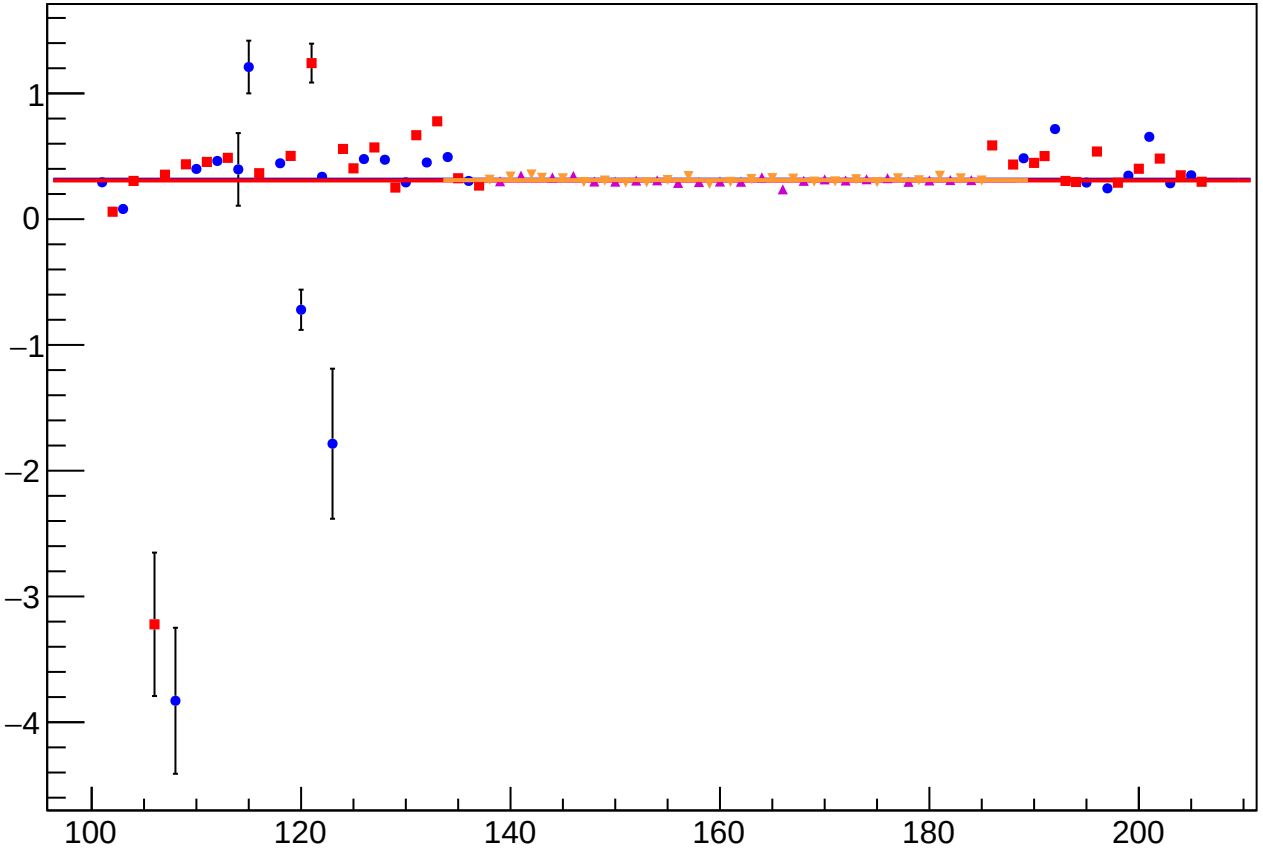
Right: -7.899+/-0.000 χ^2/NDF: 198207.4/54

In: -7.899+/-0.000 χ^2/NDF:432119.4/47

Out: -14.082+/-0.010 χ^2/NDF:119666.7/54

All: -7.899+/-0.000 χ^2/NDF: 931582.9/102

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314+/-0.001 χ^2/NDF: 3721.7/24

Left Out: 0.311+/-0.000 χ^2/NDF:4975.7/24

Right Out: 0.308+/-0.001 χ^2/NDF: 8484.8/29

Left In: 0.310+/-0.000 χ^2/NDF:3074.6/22

Left: 0.310+/-0.000 χ^2/NDF: 8056.7/47

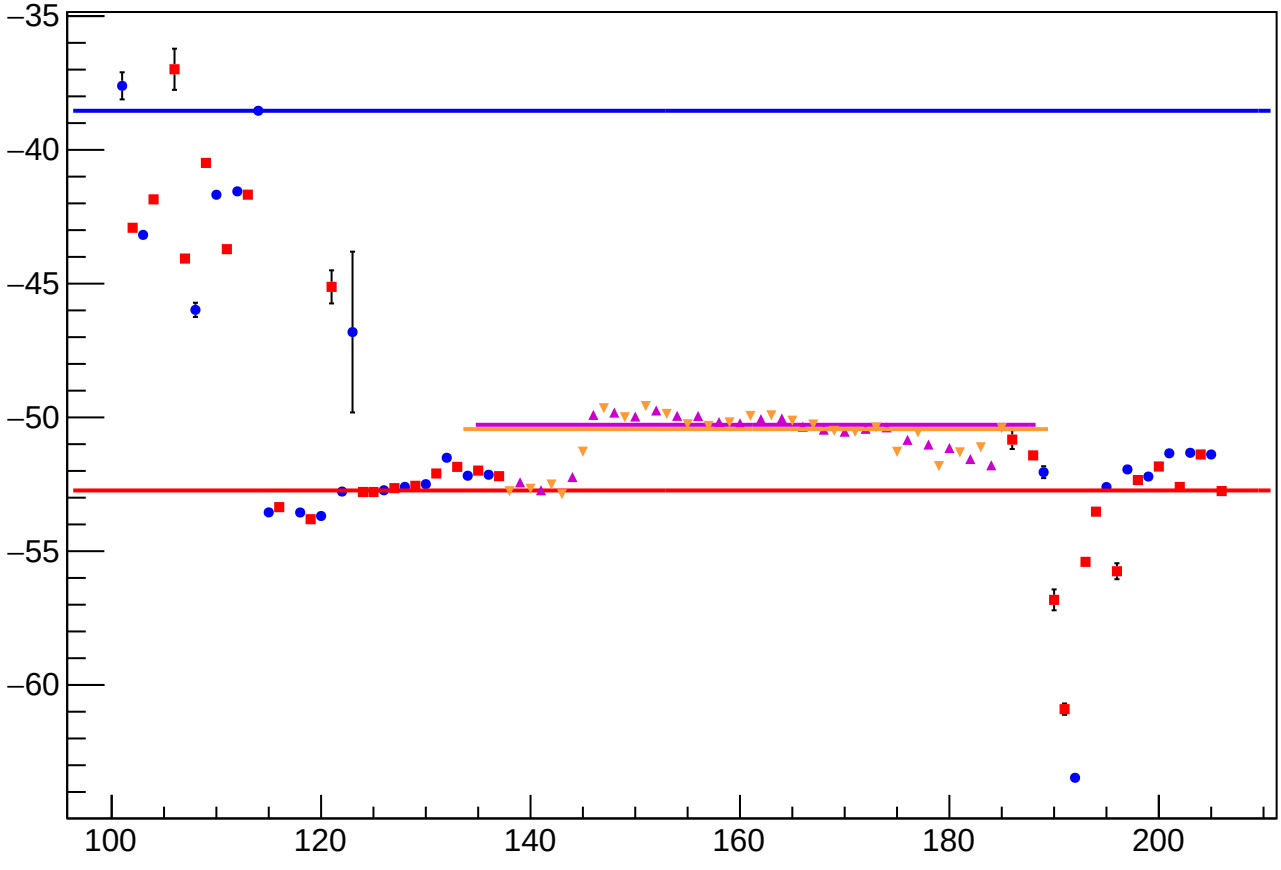
Right: 0.310+/-0.001 χ^2/NDF: 12234.6/54

In: 0.310+/-0.000 χ^2/NDF:6815.5/47

Out: 0.311+/-0.000 χ^2/NDF:13474.5/54

All: 0.310+/-0.000 χ^2/NDF: 20291.2/102

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 15356425.2/24

Left Out: -50.438+/-0.001 χ^2/NDF:299897.3/24

Right Out: -52.730+/-0.002 χ^2/NDF: 85897.2/29

Left In: -50.276+/-0.001 χ^2/NDF:190236.3/22

Left: -50.350+/-0.001 χ^2/NDF: 497837.6/47

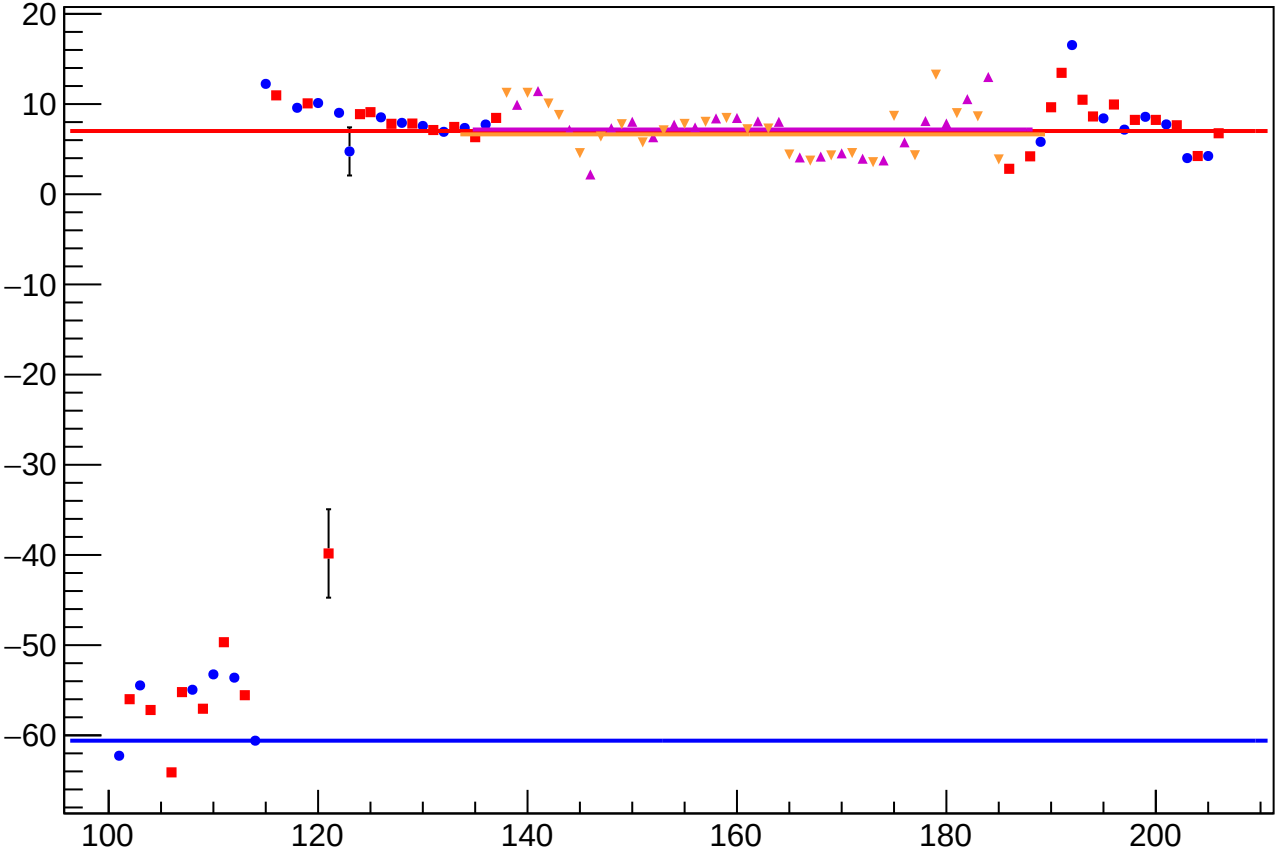
Right: -38.539+/-0.000 χ^2/NDF: 73234149.9/54

In: -38.539+/-0.000 χ^2/NDF:103515486.3/47

Out: -51.240+/-0.001 χ^2/NDF:1365963.9/54

All: -38.539+/-0.000 χ^2/NDF: 237272437.5/1

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 35429581.9/24

Left Out: 6.641+/-0.004 χ^2/NDF:340462.4/24

Right Out: 7.012+/-0.009 χ^2/NDF: 1169596.1/29

Left In: 7.179+/-0.003 χ^2/NDF:214127.6/22

Left: 6.926+/-0.003 χ^2/NDF: 565961.5/47

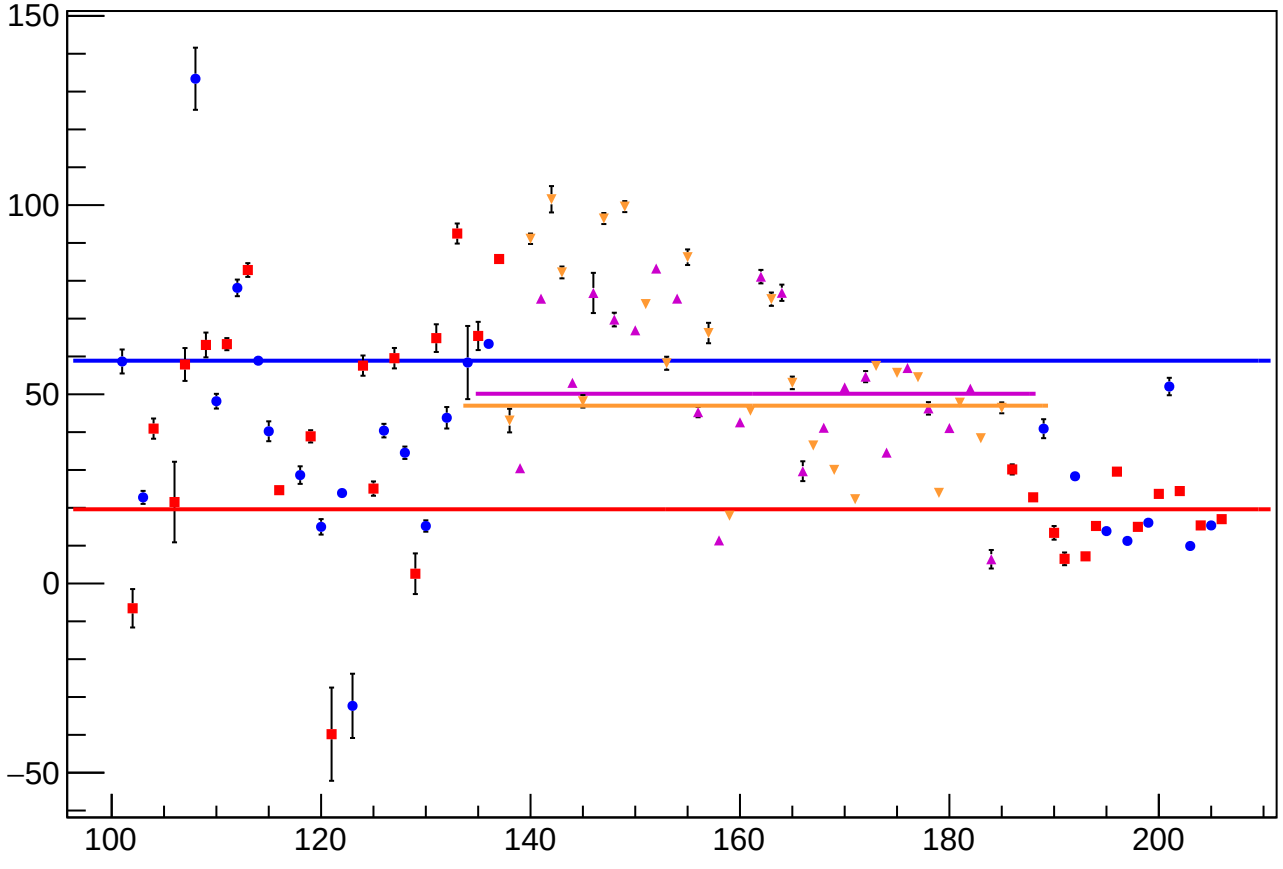
Right: -60.594+/-0.000 χ^2/NDF: 90909772.1/54

In: -60.594+/-0.000 χ^2/NDF:419500443.9/47

Out: 6.692+/-0.003 χ^2/NDF:1511469.7/54

All: -60.594+/-0.000 χ^2/NDF: 809386224.5/1

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 44905.3/24

Left Out: 46.995+/-0.215 χ^2/NDF:9203.7/24

Right Out: 19.614+/-0.140 χ^2/NDF: 10959.1/29

Left In: 50.144+/-0.212 χ^2/NDF:6667.7/22

Left: 48.595+/-0.151 χ^2/NDF: 15980.5/47

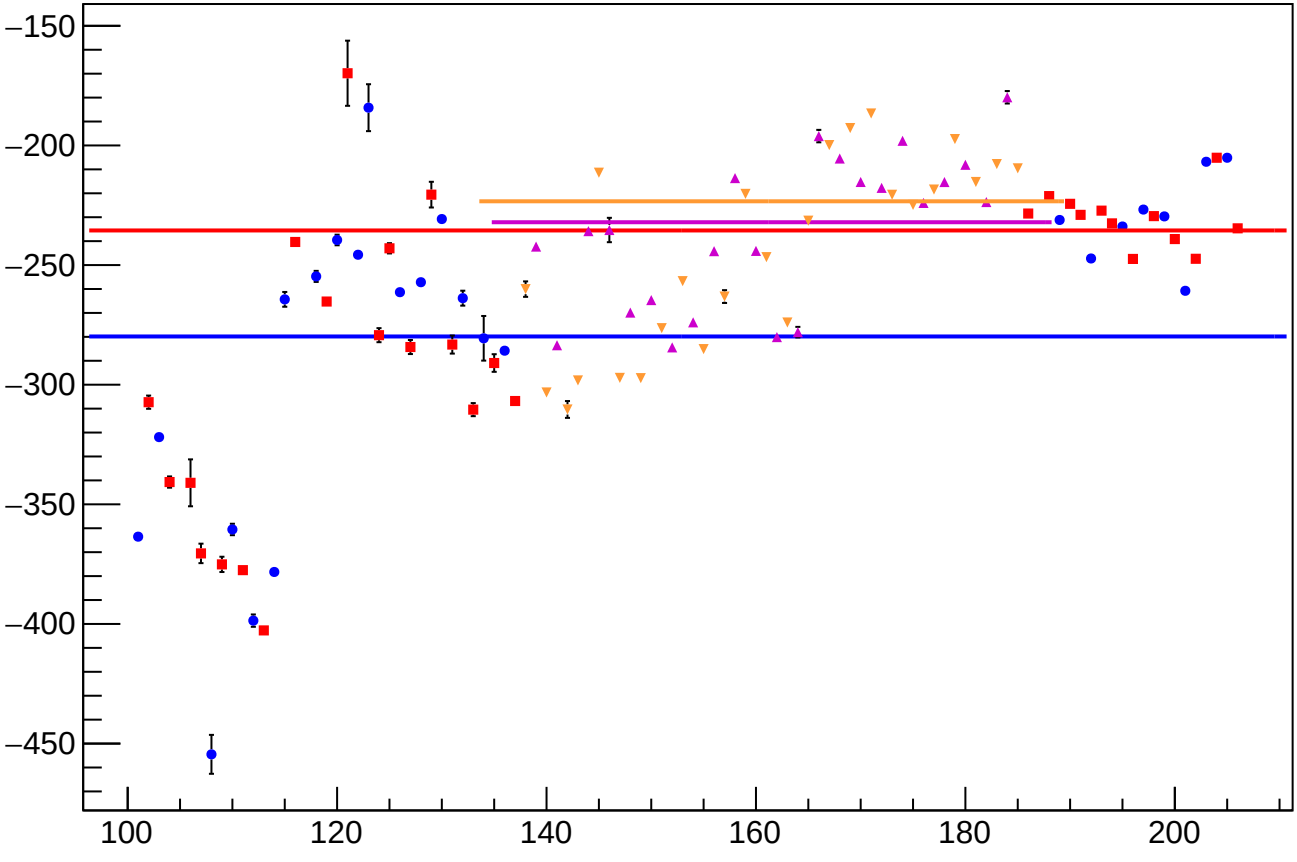
Right: 58.880+/-0.000 χ^2/NDF: 135008.7/54

In: 58.880+/-0.000 χ^2/NDF:53278.9/47

Out: 27.733+/-0.117 χ^2/NDF:31575.5/54

All: 58.880+/-0.000 χ^2/NDF: 155642.6/102

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -279.840+/-0.161 χ^2/NDF: 193293.1/24

Left Out: -223.342+/-0.215 χ^2/NDF:22293.9/24

Right Out: -235.530+/-0.126 χ^2/NDF: 31180.6/29

Left In: -232.094+/-0.217 χ^2/NDF:17468.1/22

Left: -227.678+/-0.153 χ^2/NDF: 40579.8/47

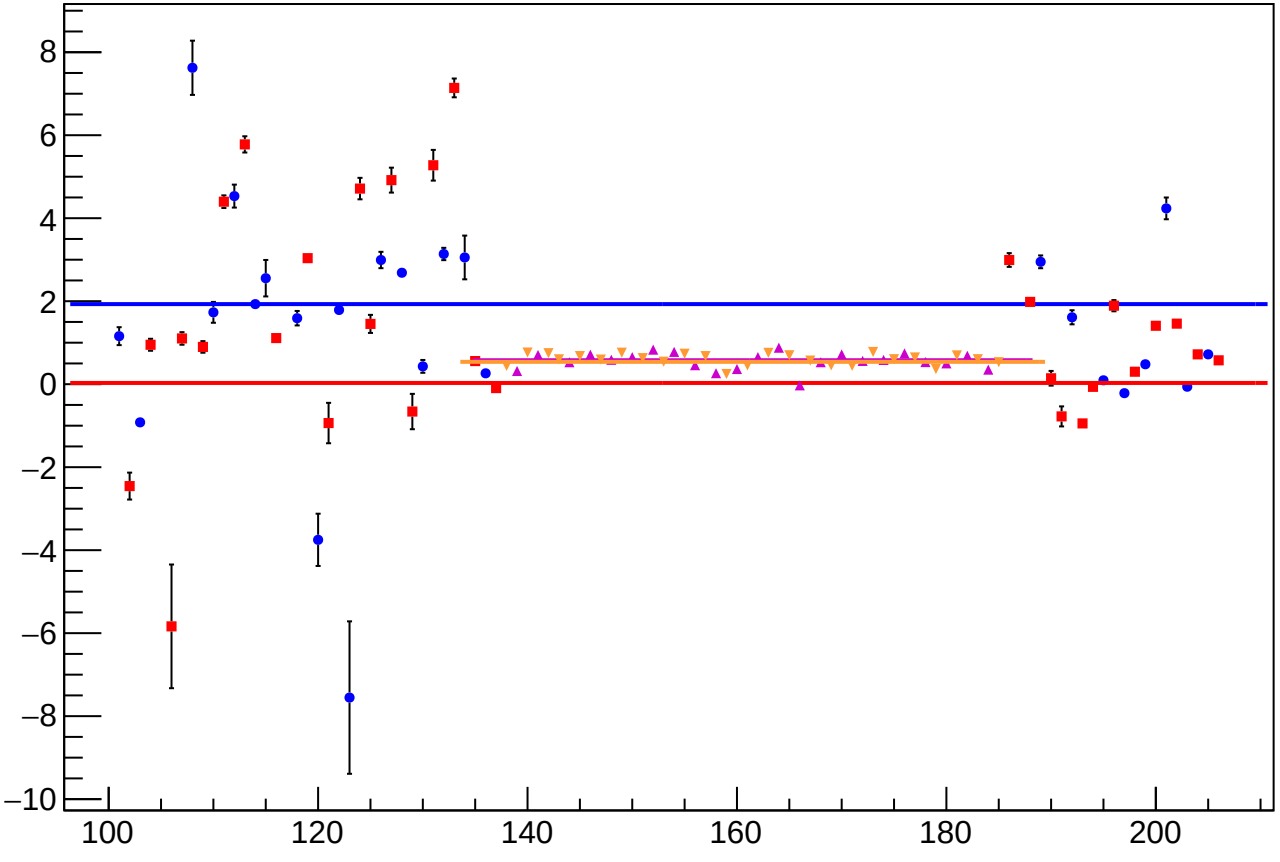
Right: -252.302+/-0.099 χ^2/NDF: 271647.3/54

In: -262.953+/-0.129 χ^2/NDF:241932.5/47

Out: -232.441+/-0.108 χ^2/NDF:55864.1/54

All: -245.042+/-0.083 χ^2/NDF: 330485.8/102

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 65784.9/24

Left Out: 0.539+/-0.002 χ^2/NDF:10792.6/24

Right Out: 0.030+/-0.004 χ^2/NDF: 12238.3/29

Left In: 0.577+/-0.001 χ^2/NDF:15533.6/22

Left: 0.561+/-0.001 χ^2/NDF: 26629.0/47

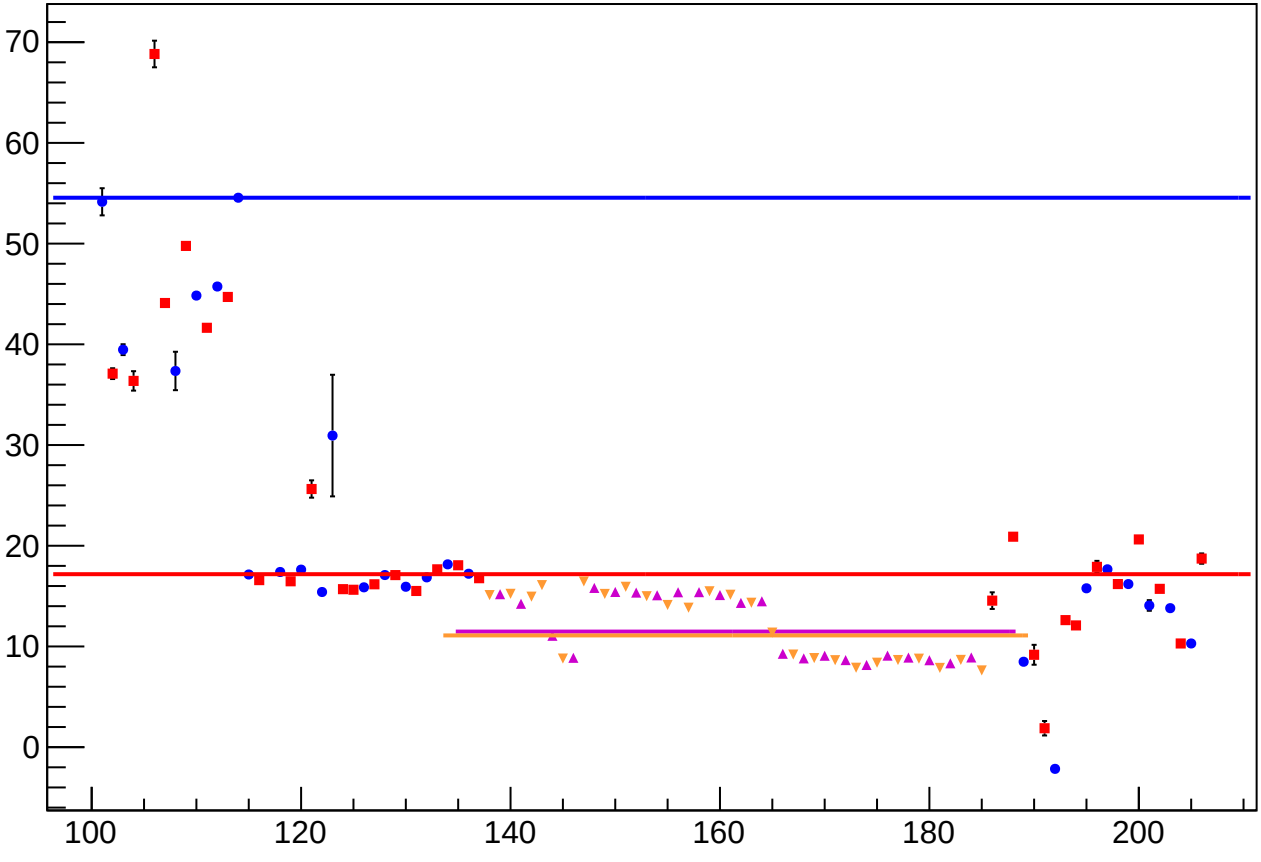
Right: 1.930+/-0.000 χ^2/NDF: 276286.4/54

In: 1.930+/-0.000 χ^2/NDF:950515.7/47

Out: 0.471+/-0.002 χ^2/NDF:35354.9/54

All: 1.930+/-0.000 χ^2/NDF: 1863093.7/102

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF: 9998660.5/24

Left Out: 11.095+/-0.005 χ^2/NDF:381518.3/24

Right Out: 17.176+/-0.018 χ^2/NDF: 63025.1/29

Left In: 11.477+/-0.005 χ^2/NDF:381285.2/22

Left: 11.291+/-0.004 χ^2/NDF: 765409.6/47

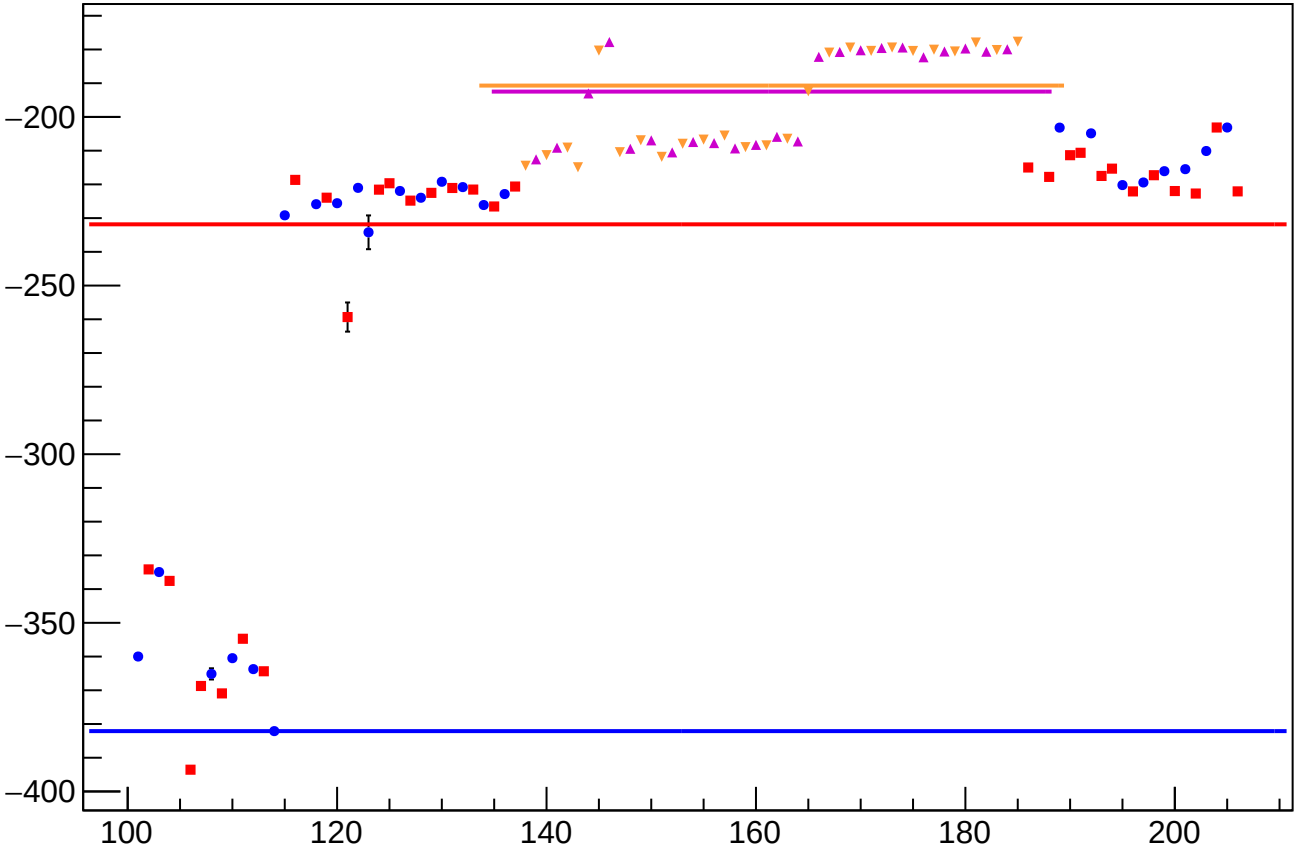
Right: 54.556+/-0.000 χ^2/NDF: 14400850.6/54

In: 54.556+/-0.000 χ^2/NDF:78325396.4/47

Out: 11.593+/-0.005 χ^2/NDF:549986.1/54

All: 54.556+/-0.000 χ^2/NDF: 148934385.2/10

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 20239073.1/24

Left Out: -190.703+/-0.011 χ^2/NDF:1602184.8/24

Right Out: -231.842+/-0.045 χ^2/NDF: 666617.4/29

Left In: -192.488+/-0.011 χ^2/NDF:1500910.9/22

Left: -191.577+/-0.008 χ^2/NDF: 3115630.8/47

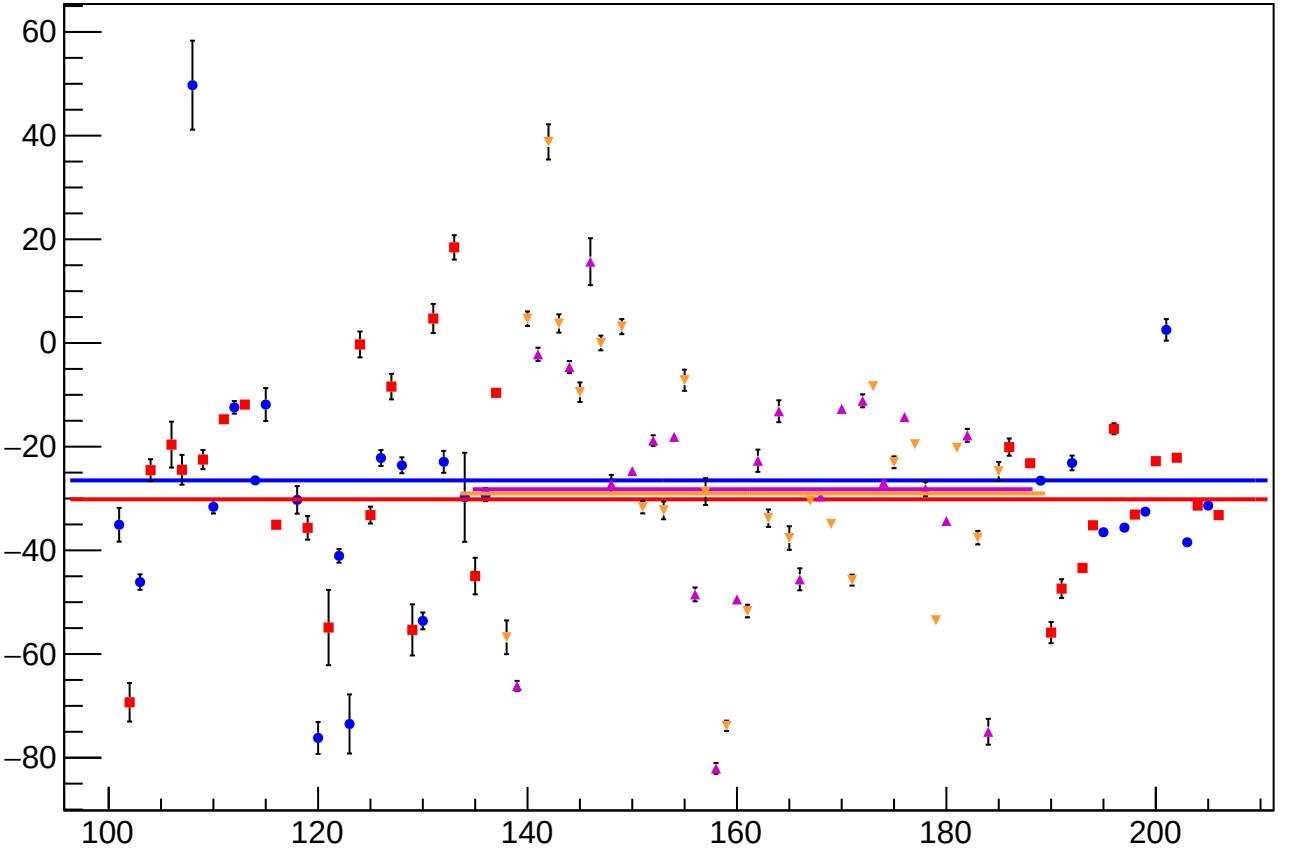
Right: -382.108+/-0.000 χ^2/NDF: 32177143.3/54

In: -382.108+/-0.000 χ^2/NDF:298853229.4/47

Out: -193.109+/-0.011 χ^2/NDF:3064243.8/54

All: -382.108+/-0.000 χ^2/NDF: 606730129.9/

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504+/-0.000 χ^2/NDF: 2713.5/24

Left Out: -29.022+/-0.235 χ^2/NDF:7110.5/24

Right Out: -30.152+/-0.149 χ^2/NDF: 4916.4/29

Left In: -28.215+/-0.215 χ^2/NDF:7786.5/22

Left: -28.582+/-0.158 χ^2/NDF: 14903.4/47

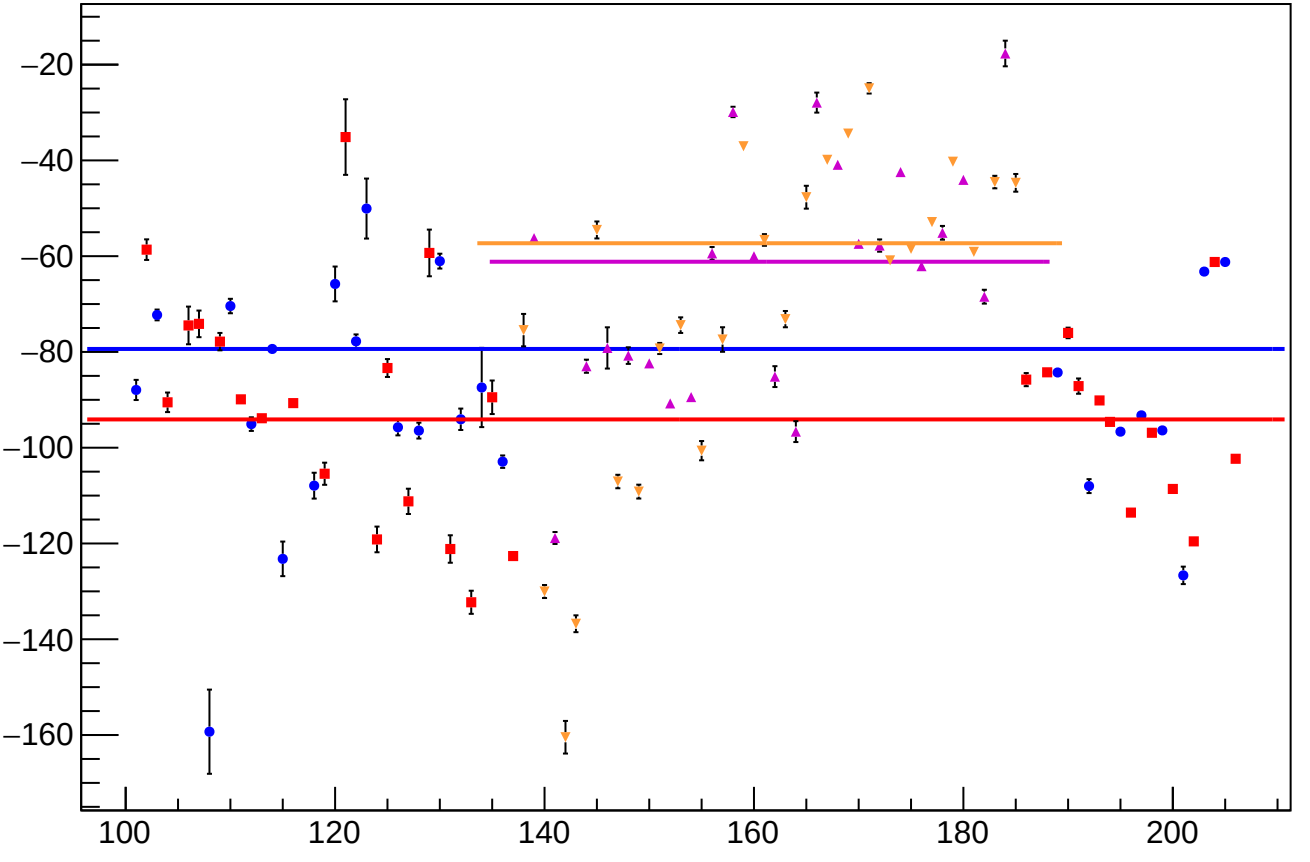
Right: -26.504+/-0.000 χ^2/NDF: 8231.2/54

In: -26.504+/-0.000 χ^2/NDF:10563.5/47

Out: -29.829+/-0.126 χ^2/NDF:12043.4/54

All: -26.504+/-0.000 χ^2/NDF: 23306.8/102

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376+/-0.000 χ^2/NDF: 6604.1/24

Left Out: -57.300+/-0.229 χ^2/NDF:13067.7/24

Right Out: -94.093+/-0.128 χ^2/NDF: 8053.6/29

Left In: -61.164+/-0.218 χ^2/NDF:8941.7/22

Left: -59.332+/-0.158 χ^2/NDF: 22158.9/47

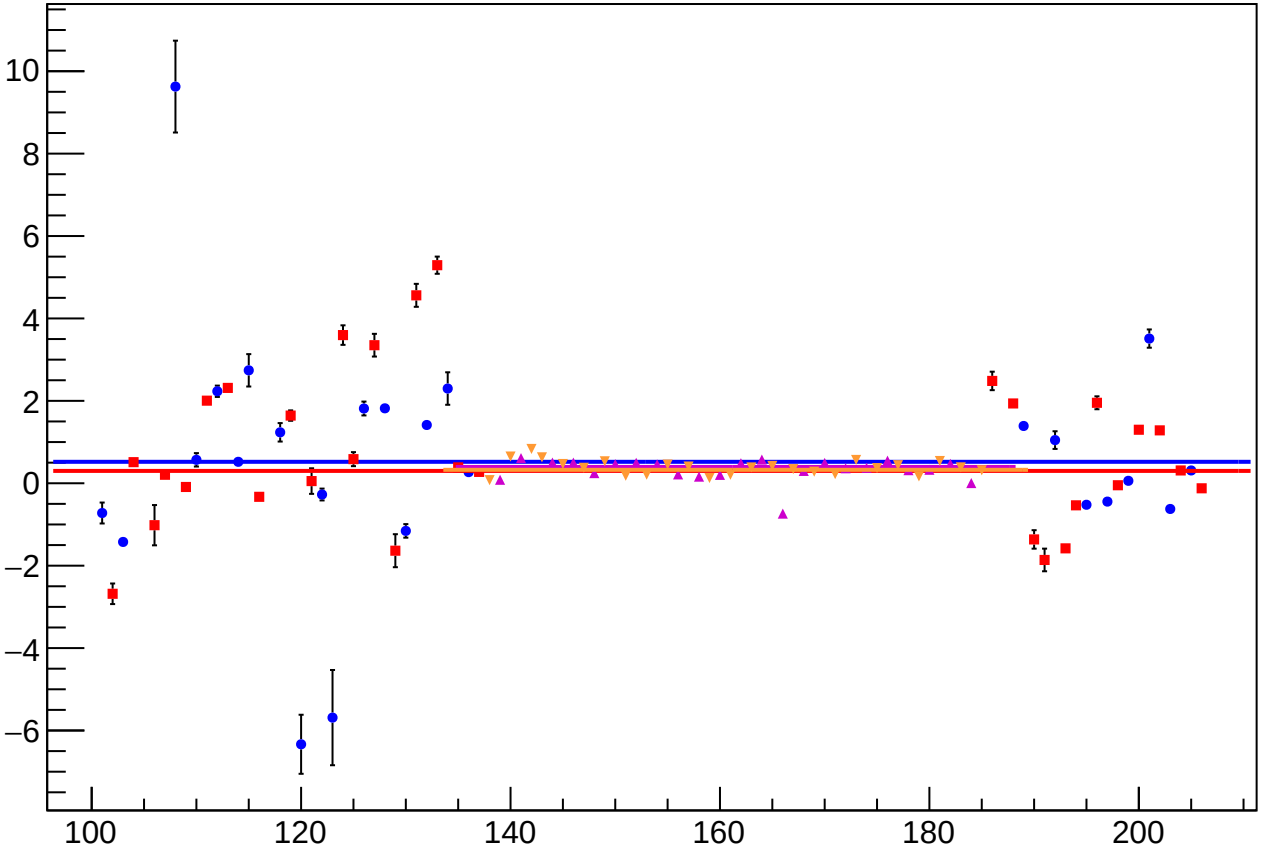
Right: -79.376+/-0.000 χ^2/NDF: 27830.7/54

In: -79.376+/-0.000 χ^2/NDF:22551.6/47

Out: -85.322+/-0.112 χ^2/NDF:40748.7/54

All: -79.376+/-0.000 χ^2/NDF: 66123.6/102

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 4530.1/24

Left Out: 0.326+/-0.002 χ^2/NDF:10419.3/24

Right Out: 0.300+/-0.010 χ^2/NDF: 6415.0/29

Left In: 0.396+/-0.001 χ^2/NDF:11392.0/22

Left: 0.365+/-0.001 χ^2/NDF: 22859.4/47

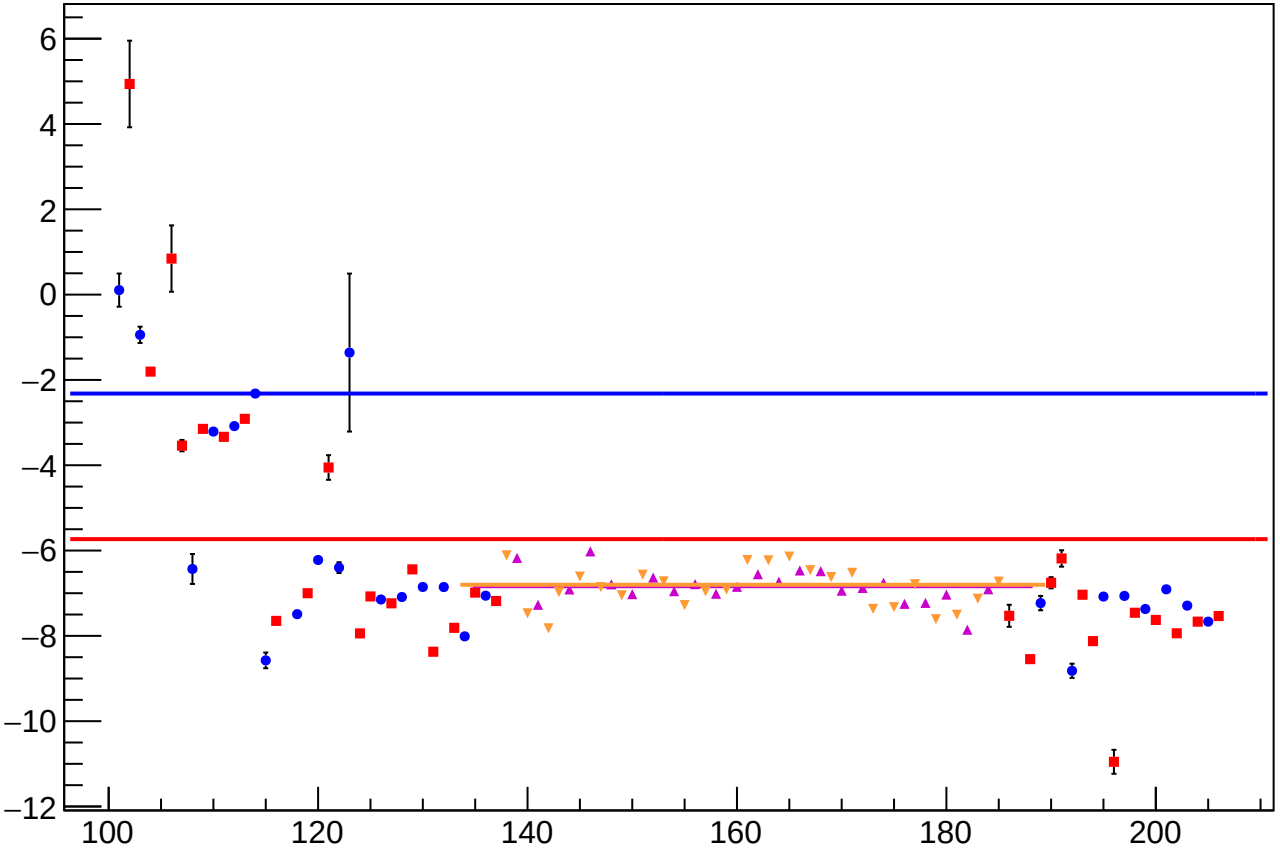
Right: 0.521+/-0.000 χ^2/NDF: 11457.3/54

In: 0.521+/-0.000 χ^2/NDF:23438.9/47

Out: 0.326+/-0.002 χ^2/NDF:16841.4/54

All: 0.521+/-0.000 χ^2/NDF: 55538.5/102

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 314232.7/24

Left Out: -6.802+/-0.002 χ^2/NDF:14918.8/24

Right Out: -5.732+/-0.009 χ^2/NDF: 69571.9/29

Left In: -6.836+/-0.002 χ^2/NDF:9245.1/22

Left: -6.819+/-0.002 χ^2/NDF: 24259.8/47

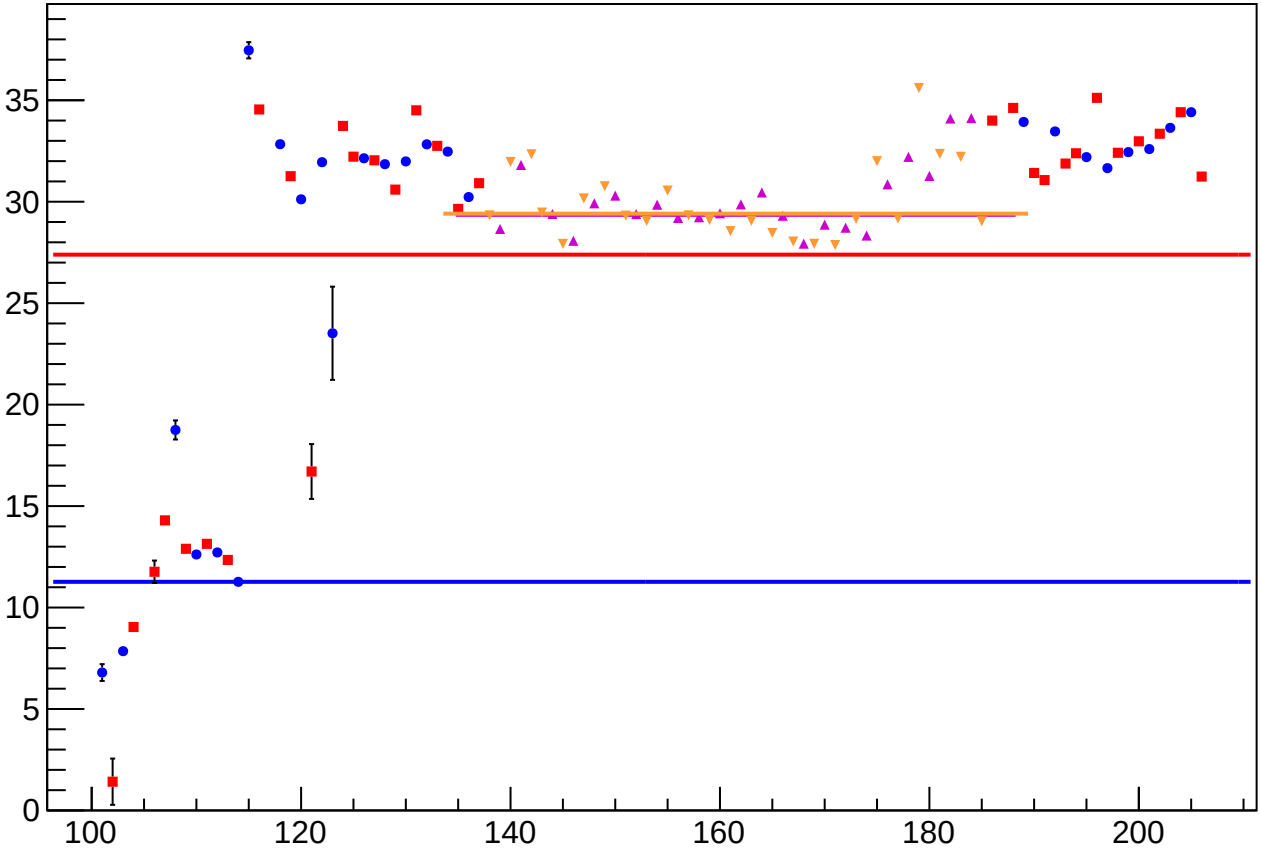
Right: -2.320+/-0.000 χ^2/NDF: 541423.6/54

In: -2.320+/-0.000 χ^2/NDF:3835557.9/47

Out: -6.719+/-0.002 χ^2/NDF:98792.3/54

All: -2.320+/-0.000 χ^2/NDF: 7325574.6/102

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 1809890.0/24

Left Out: 29.411+/-0.008 χ^2/NDF:44374.5/24

Right Out: 27.392+/-0.012 χ^2/NDF: 551639.1/29

Left In: 29.354+/-0.008 χ^2/NDF:14741.7/22

Left: 29.381+/-0.006 χ^2/NDF: 59141.7/47

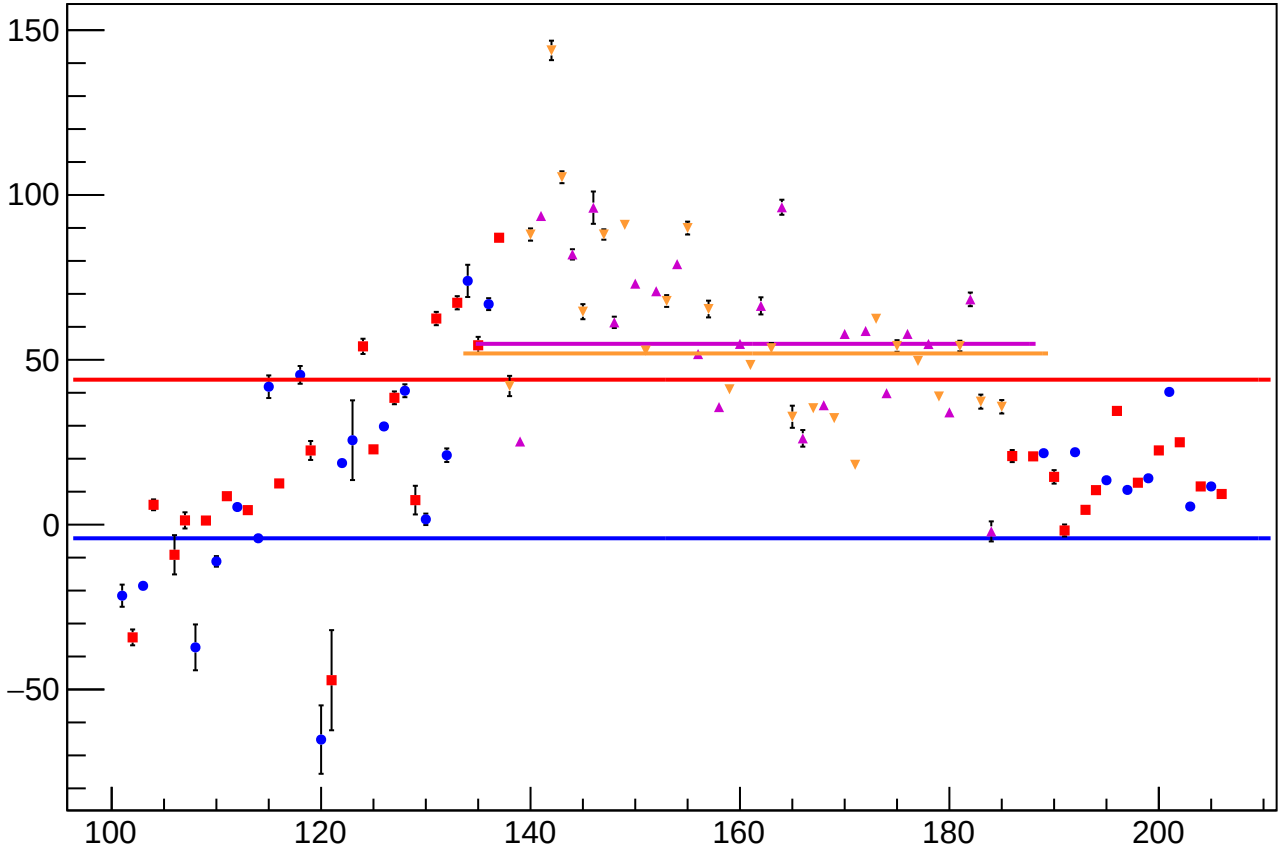
Right: 11.268+/-0.000 χ^2/NDF: 4109880.9/54

In: 11.268+/-0.000 χ^2/NDF:7088823.8/47

Out: 28.784+/-0.007 χ^2/NDF:614919.9/54

All: 11.268+/-0.000 χ^2/NDF: 14348439.7/102

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139+/-0.000 χ^2/NDF: 9473.7/24

Left Out: 51.931+/-0.276 χ^2/NDF:6225.4/24

Right Out: 43.974+/-0.142 χ^2/NDF: 66495.5/29

Left In: 54.849+/-0.247 χ^2/NDF:6325.8/22

Left: 53.548+/-0.184 χ^2/NDF: 12613.3/47

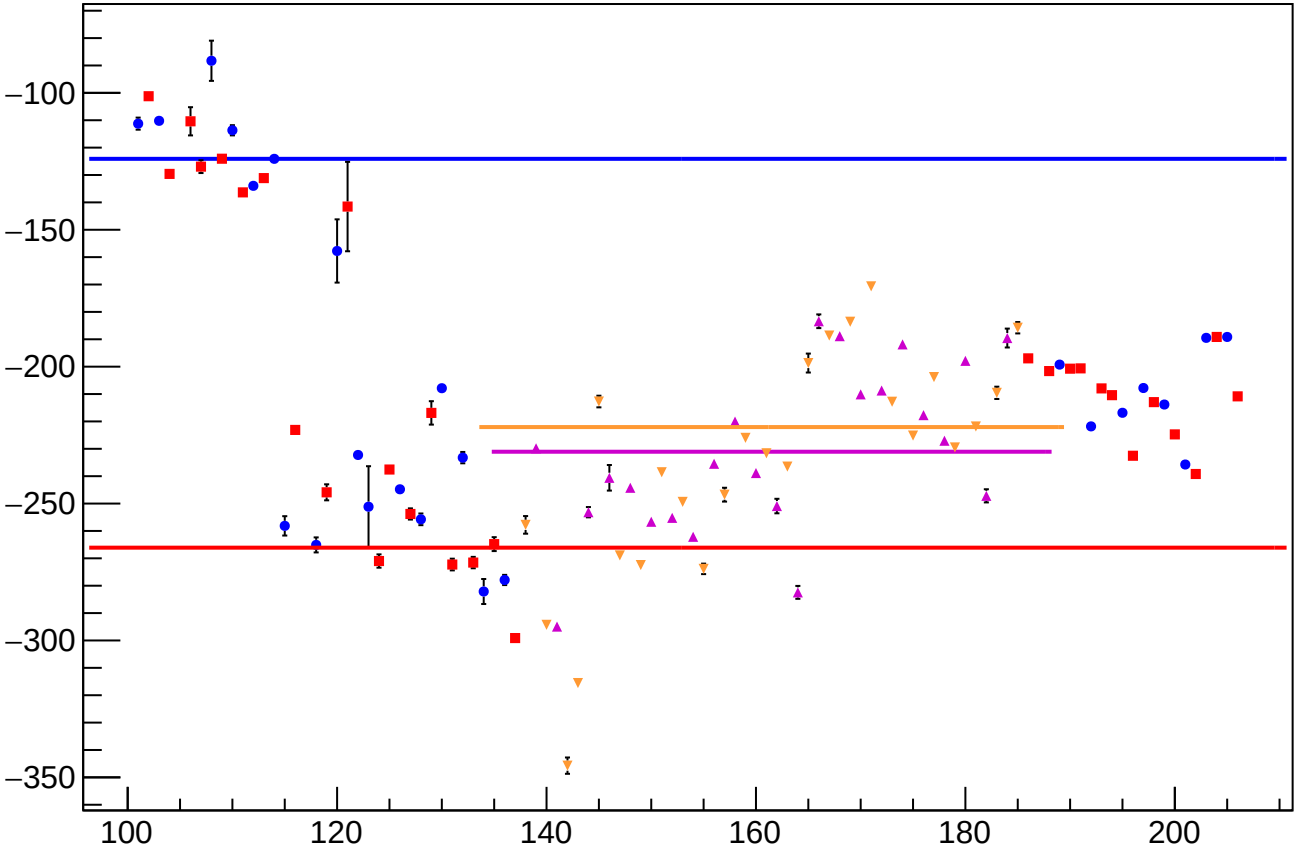
Right: -4.139+/-0.000 χ^2/NDF: 190468.0/54

In: -4.139+/-0.000 χ^2/NDF:72754.1/47

Out: 45.647+/-0.126 χ^2/NDF:73379.4/54

All: -4.139+/-0.000 χ^2/NDF: 301379.9/102

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 150228.7/24

Left Out: -222.063+/-0.272 χ^2/NDF:15812.2/24

Right Out: -266.105+/-0.100 χ^2/NDF: 234035.6/29

Left In: -231.069+/-0.249 χ^2/NDF:12005.6/22

Left: -226.957+/-0.184 χ^2/NDF: 28412.7/47

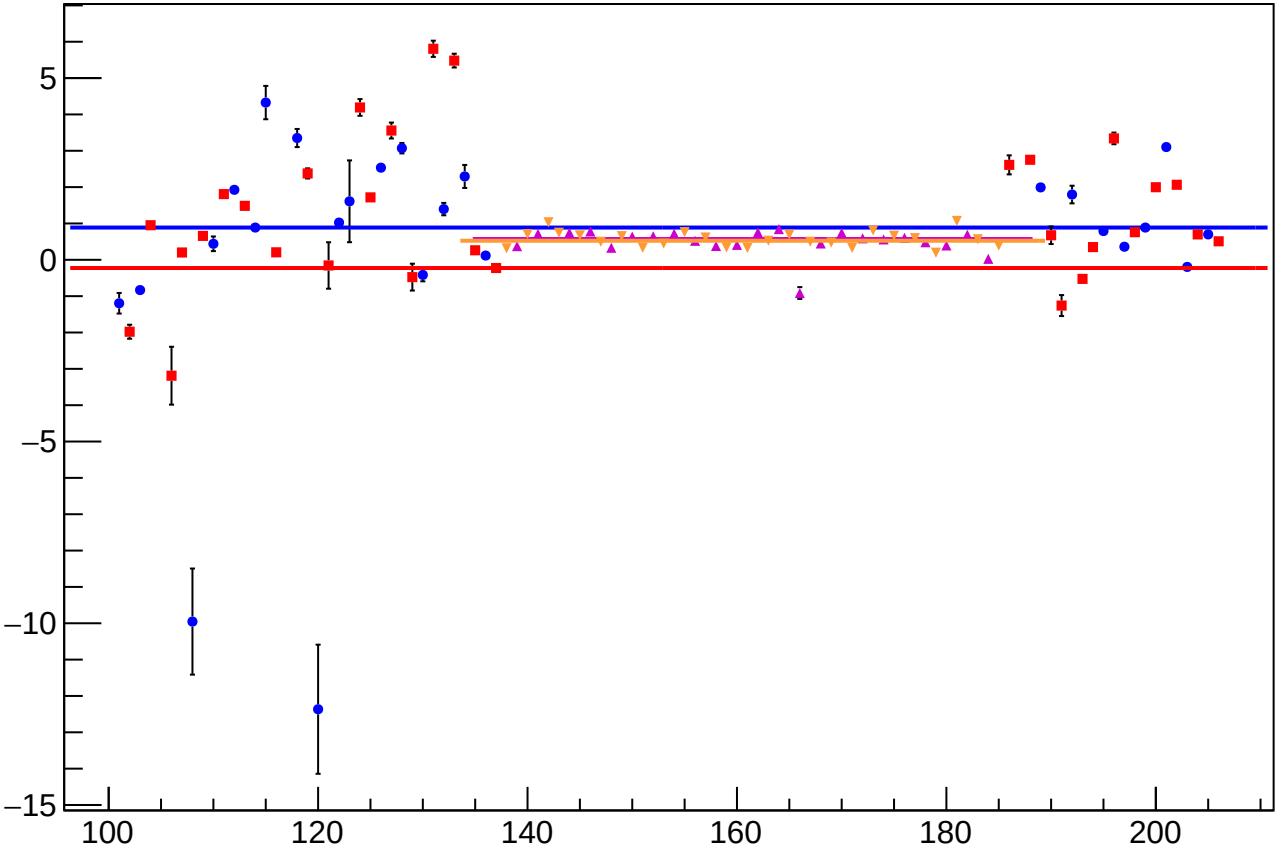
Right: -124.095+/-0.000 χ^2/NDF: 2407627.9/54

In: -124.095+/-0.000 χ^2/NDF:346107.6/47

Out: -260.882+/-0.094 χ^2/NDF:272925.1/54

All: -124.095+/-0.000 χ^2/NDF: 2748873.3/10

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 9300.6/24

Left Out: 0.525+/-0.002 χ^2/NDF:9207.9/24

Right Out: -0.226+/-0.000 χ^2/NDF: 8777.9/29

Left In: 0.572+/-0.002 χ^2/NDF:5600.2/22

Left: 0.549+/-0.001 χ^2/NDF: 15080.9/47

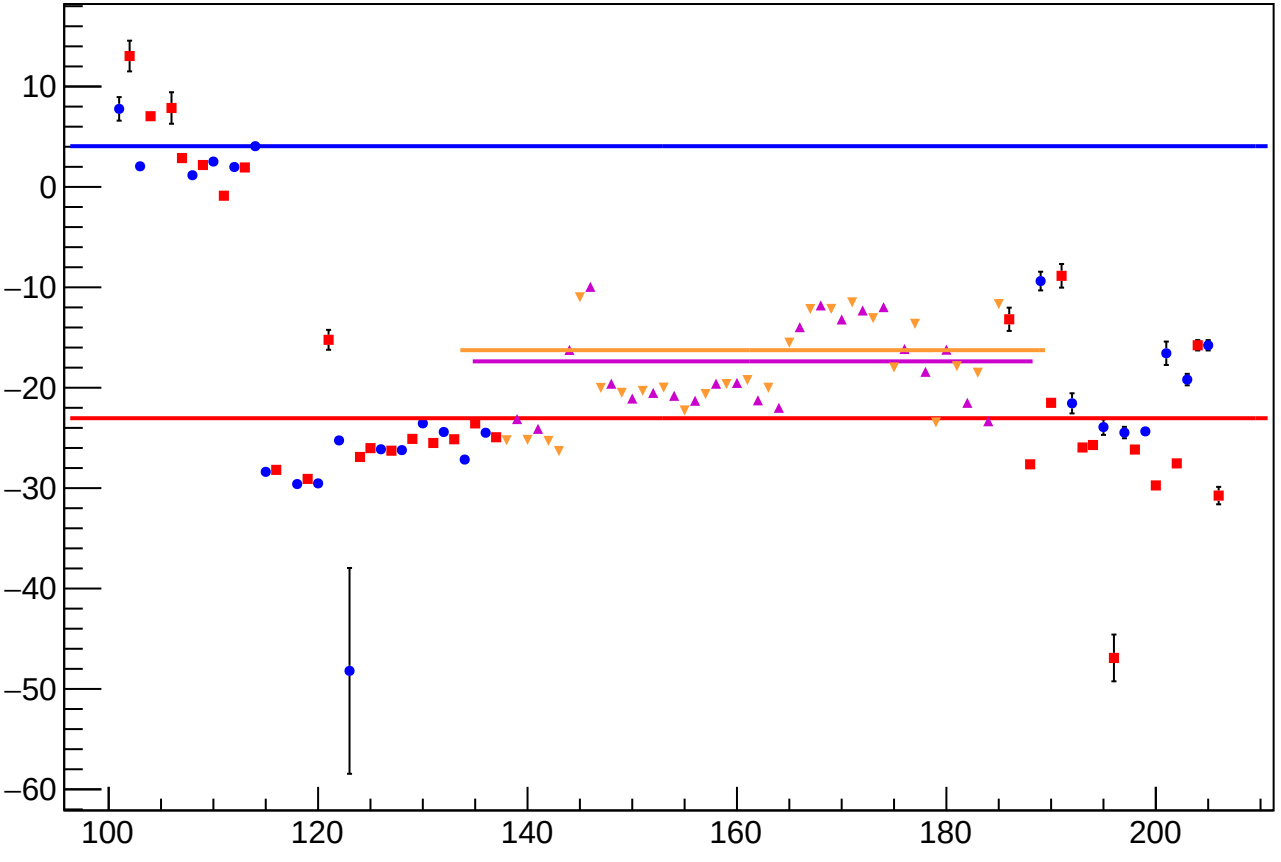
Right: 0.888+/-0.000 χ^2/NDF: 422223050.2/54

In: 0.888+/-0.000 χ^2/NDF:40330.1/47

Out: -0.225+/-0.000 χ^2/NDF:156506.5/54

All: 0.888+/-0.000 χ^2/NDF: 422295627.0/102

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1259210.6/24

Left Out: -16.260+/-0.010 χ^2/NDF:188515.0/24

Right Out: -23.036+/-0.026 χ^2/NDF: 117687.1/29

Left In: -17.374+/-0.009 χ^2/NDF:169487.5/22

Left: -16.854+/-0.007 χ^2/NDF: 364596.8/47

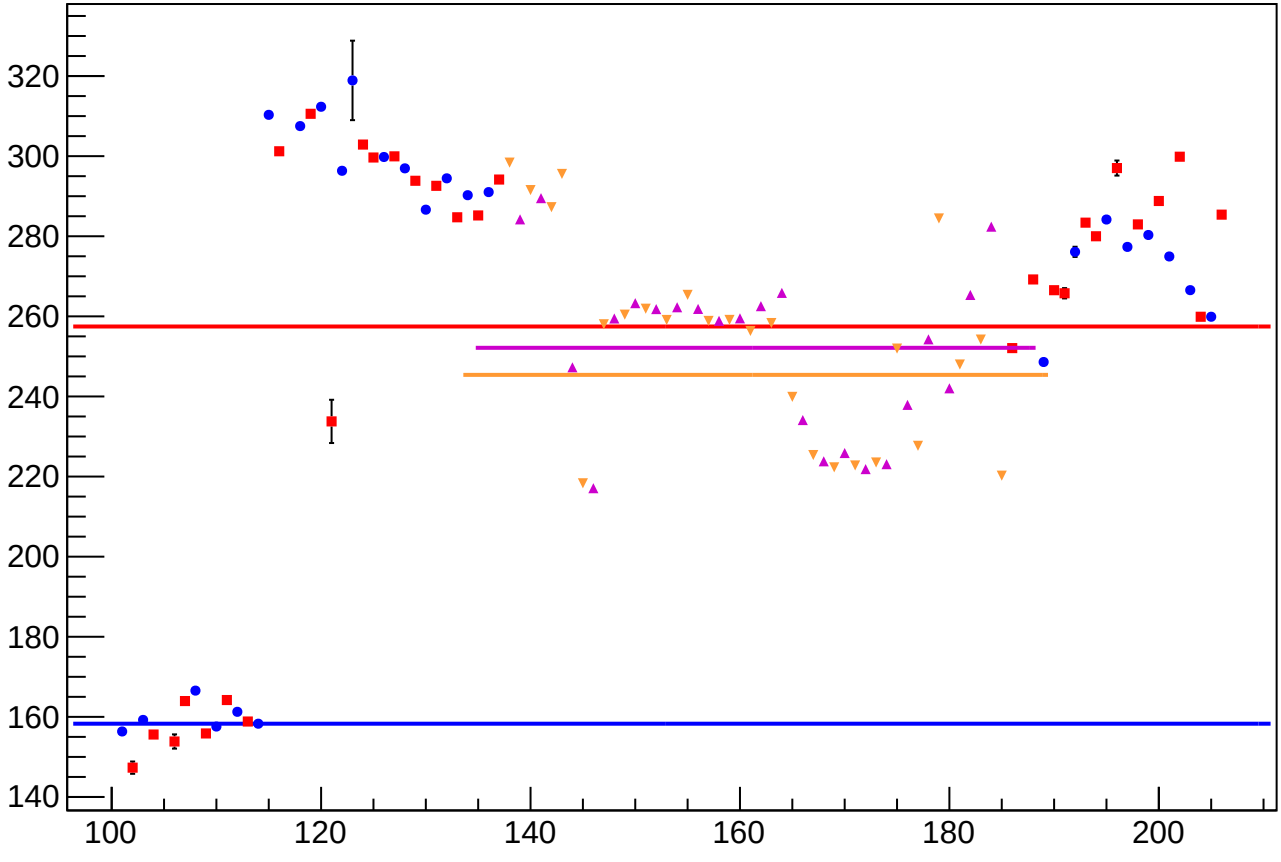
Right: 4.057+/-0.000 χ^2/NDF: 2479055.9/54

In: 4.057+/-0.000 χ^2/NDF:6658963.8/47

Out: -17.147+/-0.009 χ^2/NDF:366123.5/54

All: 4.057+/-0.000 χ^2/NDF: 12183219.2/102

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2653444.3/24

Left Out: 245.391+/-0.027 χ^2/NDF:723564.6/24

Right Out: 257.468+/-0.060 χ^2/NDF: 977619.9/29

Left In: 252.148+/-0.028 χ^2/NDF:359416.7/22

Left: 248.650+/-0.020 χ^2/NDF: 1112396.8/47

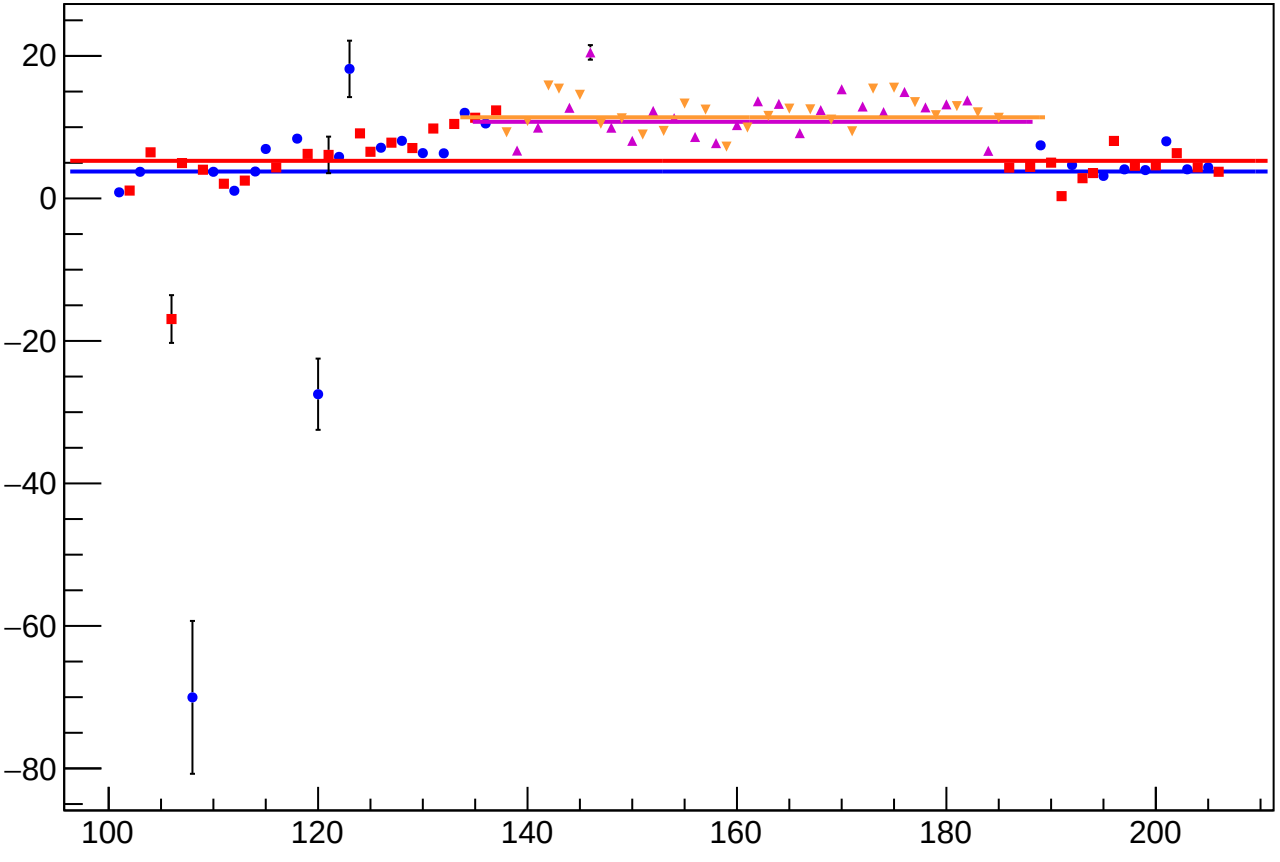
Right: 158.293+/-0.000 χ^2/NDF: 6373421.5/54

In: 158.293+/-0.000 χ^2/NDF:13976496.8/47

Out: 247.477+/-0.025 χ^2/NDF:1734828.7/54

All: 158.293+/-0.000 χ^2/NDF: 28550638.7/10

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778+/-0.000 χ^2/NDF: 7463.2/24

Left Out: 11.389+/-0.030 χ^2/NDF:4296.1/24

Right Out: 5.276+/-0.020 χ^2/NDF: 20670.0/29

Left In: 10.753+/-0.028 χ^2/NDF:9950.6/22

Left: 11.045+/-0.020 χ^2/NDF: 14487.9/47

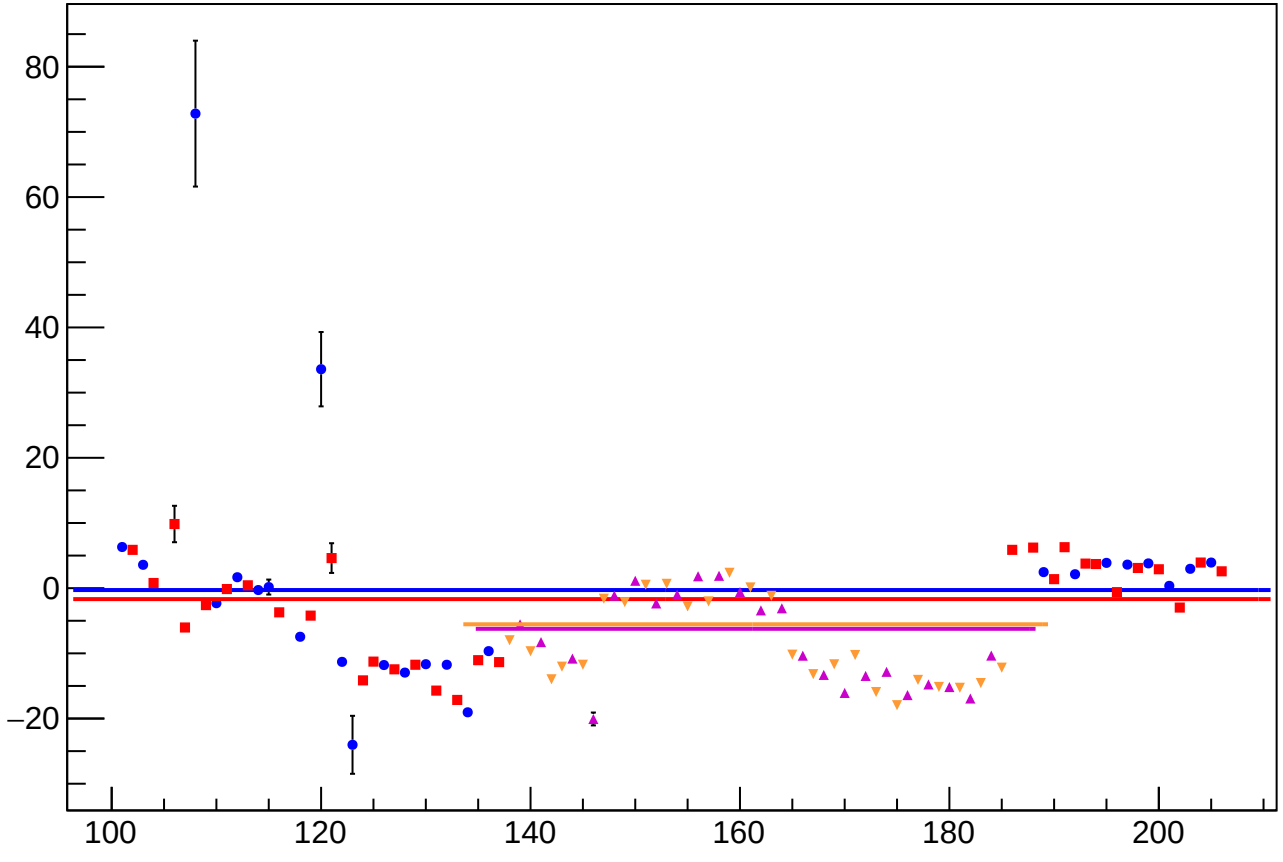
Right: 3.778+/-0.000 χ^2/NDF: 33843.0/54

In: 3.778+/-0.000 χ^2/NDF:80748.2/47

Out: 7.127+/-0.017 χ^2/NDF:53749.9/54

All: 3.778+/-0.000 χ^2/NDF: 175420.1/102

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 52886.0/24

Left Out: -5.539+/-0.030 χ^2/NDF:43439.8/24

Right Out: -1.678+/-0.020 χ^2/NDF: 117991.2/29

Left In: -6.234+/-0.028 χ^2/NDF:57358.9/22

Left: -5.909+/-0.021 χ^2/NDF: 101082.7/47

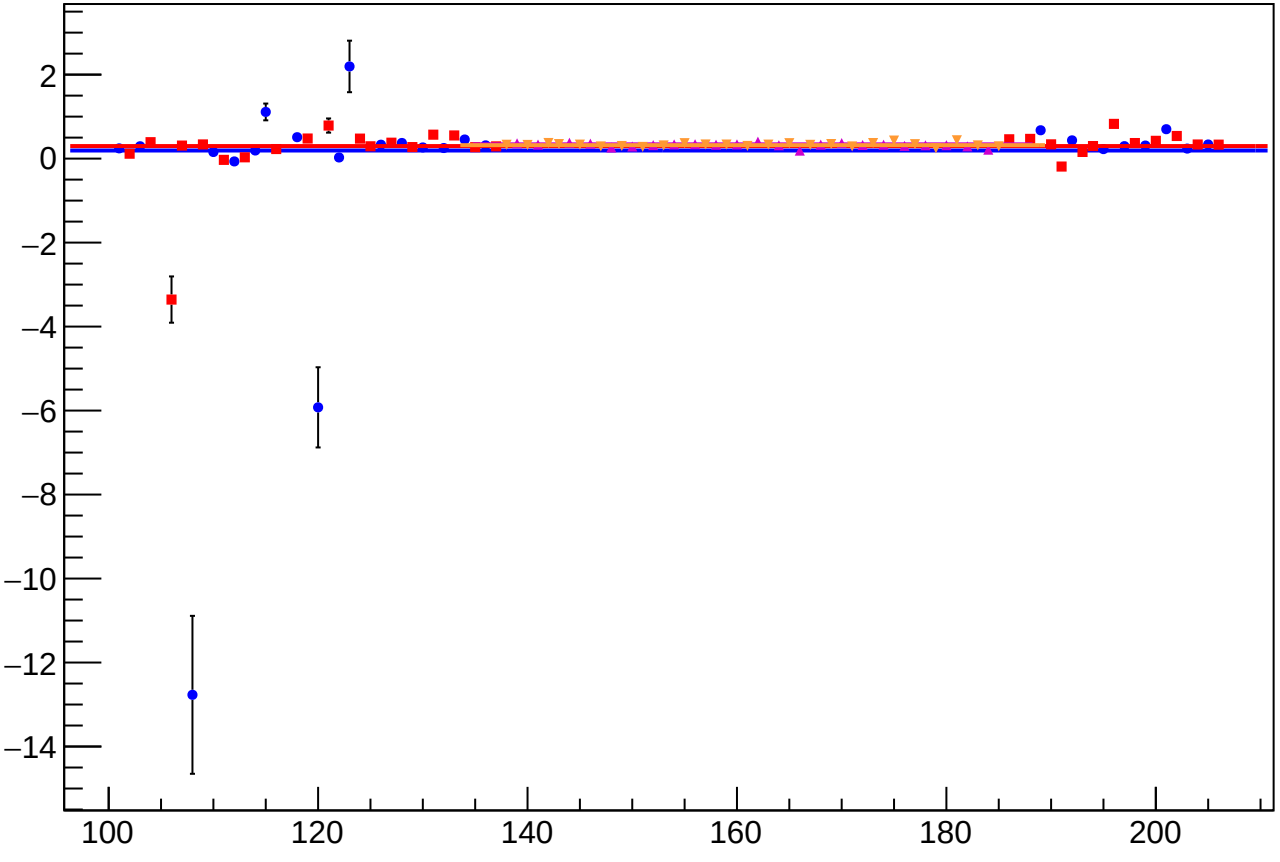
Right: -0.287+/-0.000 χ^2/NDF: 175675.8/54

In: -0.287+/-0.000 χ^2/NDF:154603.8/47

Out: -2.868+/-0.017 χ^2/NDF:172812.7/54

All: -0.287+/-0.000 χ^2/NDF: 351275.8/102

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 11390.1/24

Left Out: 0.320+/-0.001 χ^2/NDF:3374.4/24

Right Out: 0.299+/-0.001 χ^2/NDF: 8463.9/29

Left In: 0.340+/-0.001 χ^2/NDF:4171.9/22

Left: 0.330+/-0.000 χ^2/NDF: 8287.4/47

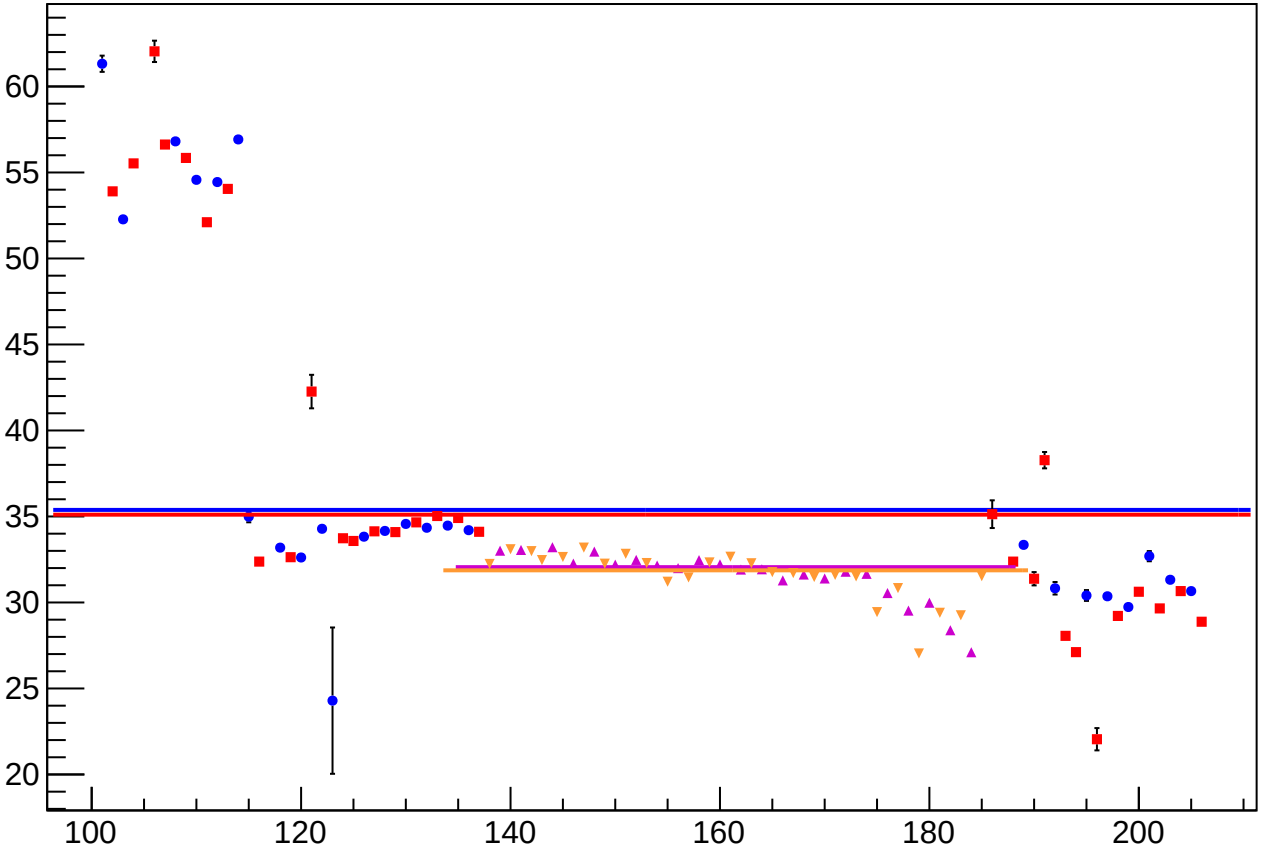
Right: 0.193+/-0.000 χ^2/NDF: 25904.2/54

In: 0.193+/-0.000 χ^2/NDF:92159.1/47

Out: 0.317+/-0.000 χ^2/NDF:12057.3/54

All: 0.193+/-0.000 χ^2/NDF: 173264.4/102

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.382+/-0.011 χ^2/NDF: 230272.1/24

Left Out: 31.869+/-0.003 χ^2/NDF:61955.3/24

Right Out: 35.105+/-0.010 χ^2/NDF: 285898.2/29

Left In: 32.053+/-0.003 χ^2/NDF:32470.5/22

Left: 31.953+/-0.002 χ^2/NDF: 96020.3/47

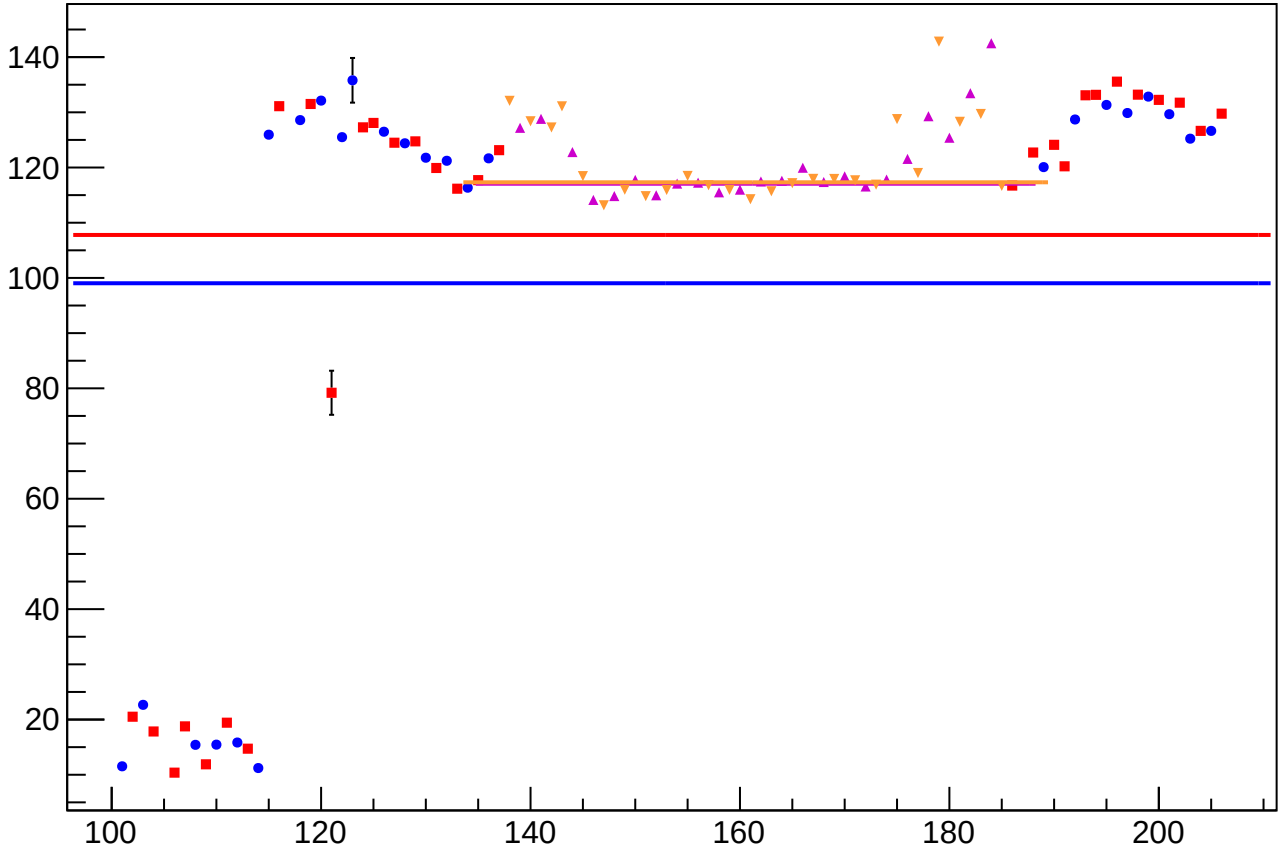
Right: 35.235+/-0.008 χ^2/NDF: 516504.9/54

In: 32.344+/-0.003 χ^2/NDF:345618.6/47

Out: 32.137+/-0.003 χ^2/NDF:437305.7/54

All: 32.231+/-0.002 χ^2/NDF: 785108.1/102

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 99.035+/-0.027 χ^2/NDF: 2935831.2/24

Left Out: 117.323+/-0.008 χ^2/NDF:172684.3/24

Right Out: 107.784+/-0.023 χ^2/NDF: 3547064.9/29

Left In: 117.061+/-0.009 χ^2/NDF:62905.3/22

Left: 117.207+/-0.006 χ^2/NDF: 236083.4/47

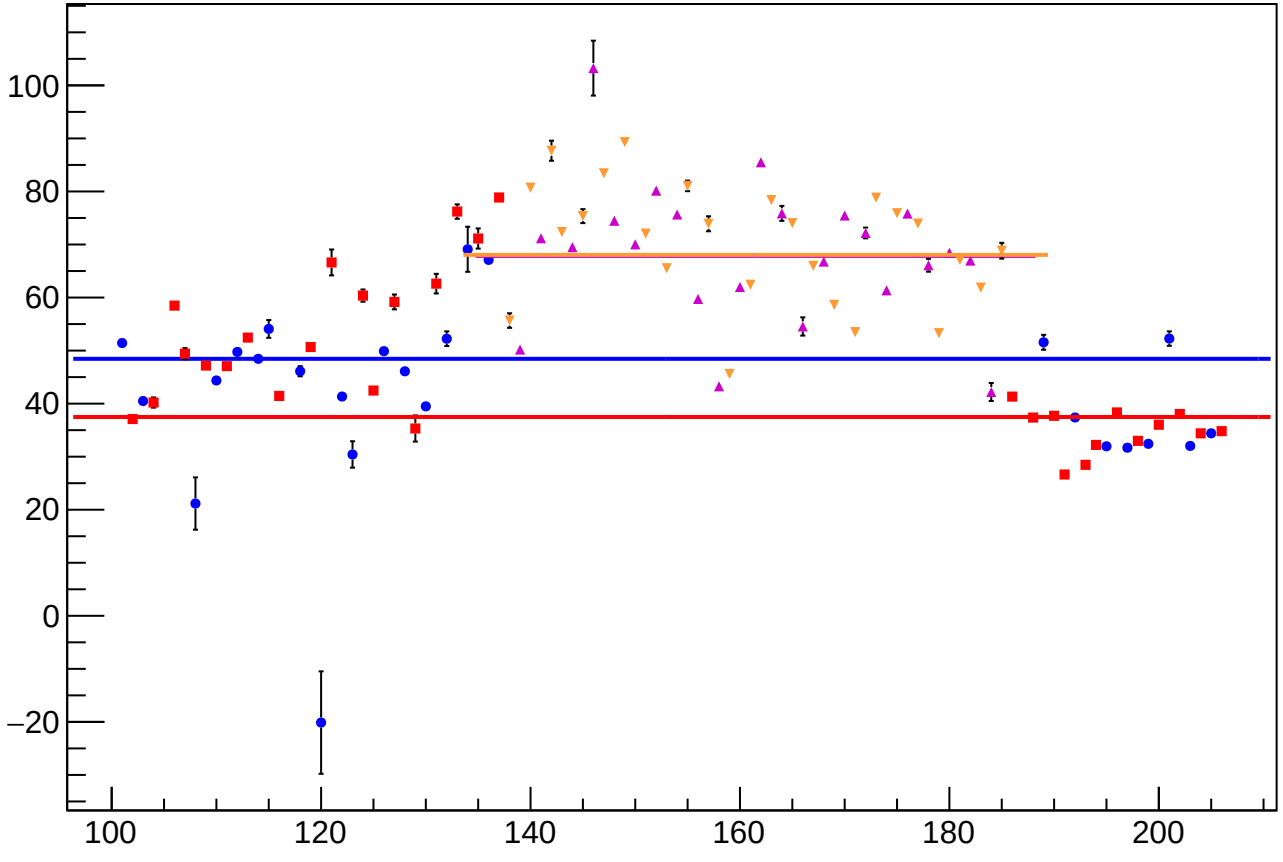
Right: 104.056+/-0.018 χ^2/NDF: 6543699.5/54

In: 115.312+/-0.008 χ^2/NDF:3404875.7/47

Out: 116.342+/-0.007 χ^2/NDF:3871887.8/54

All: 115.888+/-0.006 χ^2/NDF: 7285225.9/102

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 17579.5/24

Left Out: 68.044+/-0.132 χ^2/NDF:6670.6/24

Right Out: 37.484+/-0.072 χ^2/NDF: 14127.1/29

Left In: 67.852+/-0.126 χ^2/NDF:5519.9/22

Left: 67.943+/-0.091 χ^2/NDF: 12191.7/47

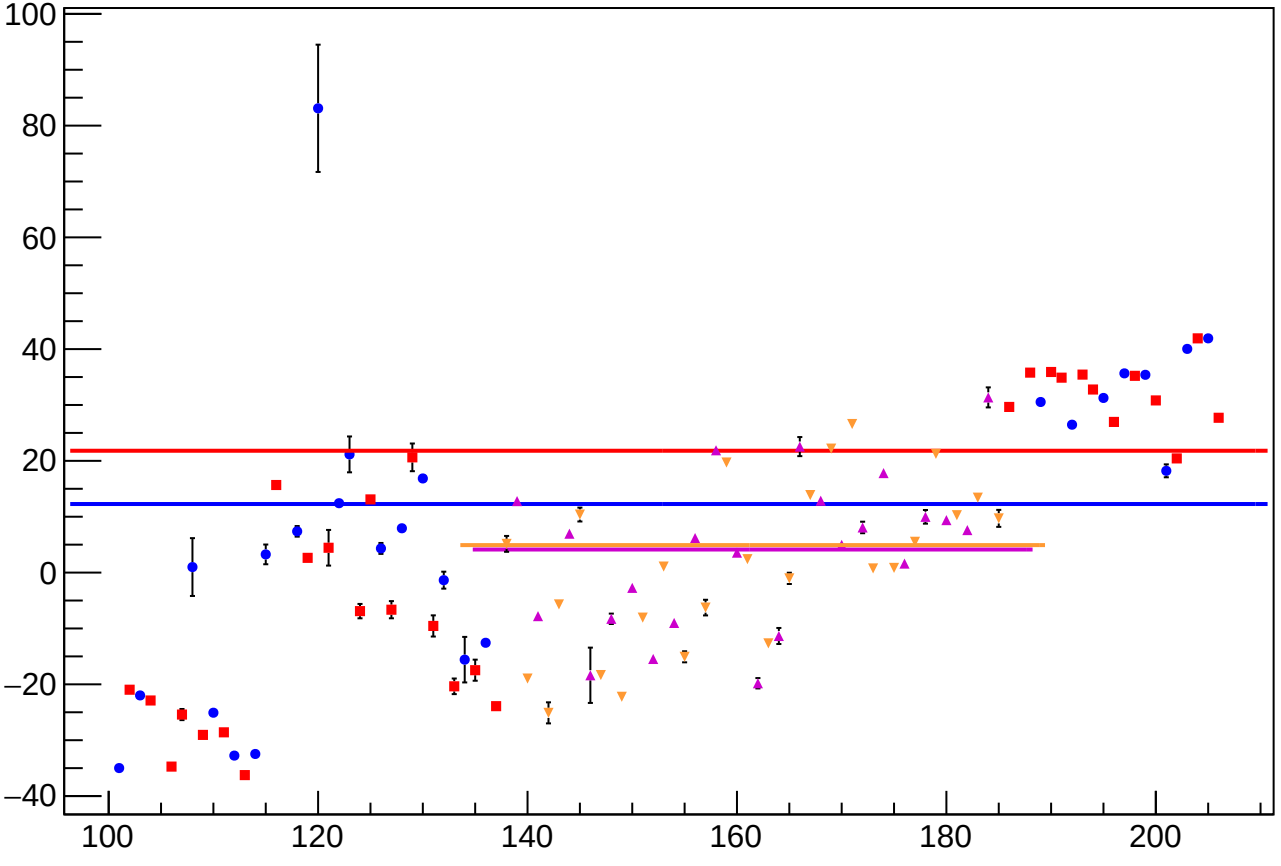
Right: 48.450+/-0.000 χ^2/NDF: 55102.1/54

In: 48.450+/-0.000 χ^2/NDF:46954.9/47

Out: 44.425+/-0.063 χ^2/NDF:62066.3/54

All: 48.450+/-0.000 χ^2/NDF: 113099.4/102

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 12.273+/-0.096 χ^2/NDF: 88617.7/24

Left Out: 4.920+/-0.132 χ^2/NDF:10378.5/24

Right Out: 21.808+/-0.065 χ^2/NDF: 108349.2/29

Left In: 4.129+/-0.127 χ^2/NDF:6161.4/22

Left: 4.508+/-0.092 χ^2/NDF: 16558.6/47

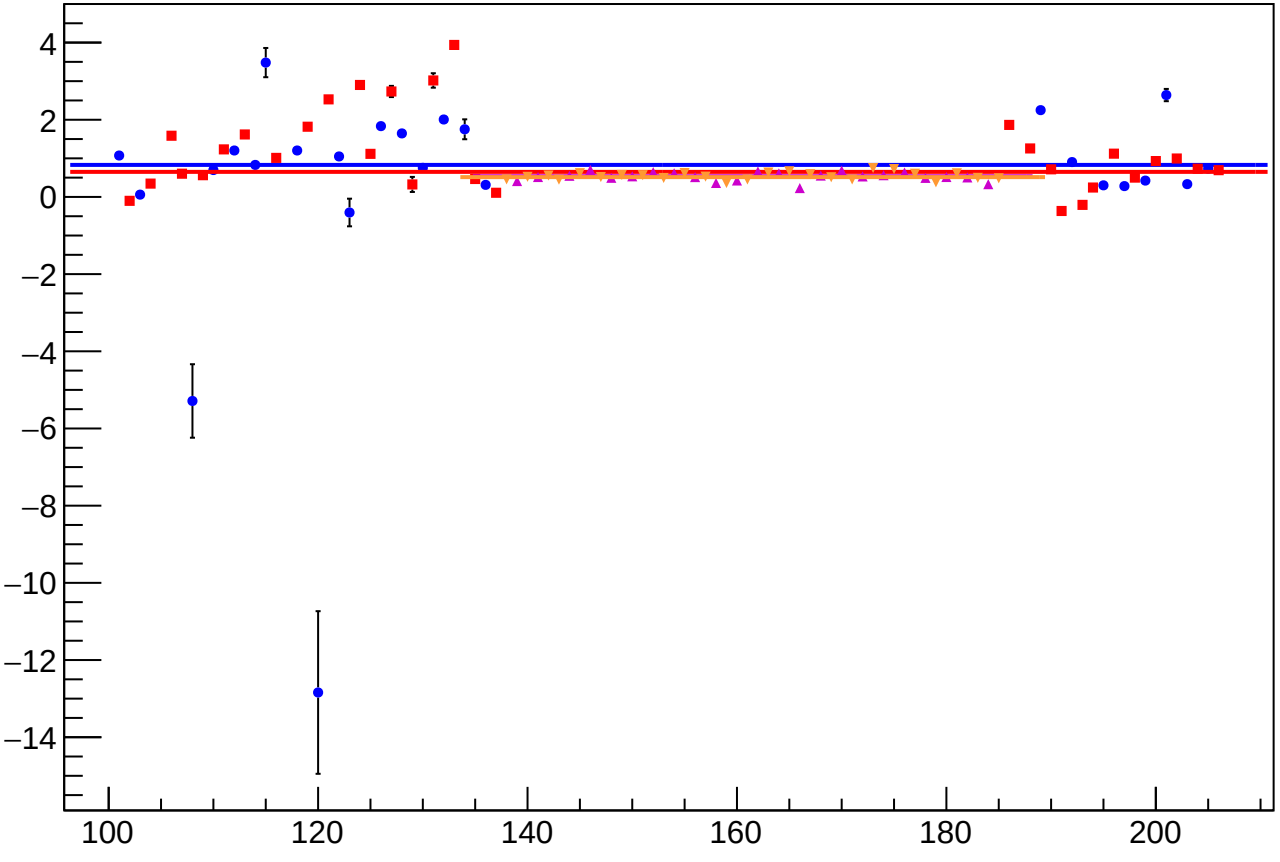
Right: 18.797+/-0.054 χ^2/NDF: 203681.5/54

In: 9.299+/-0.077 χ^2/NDF:97393.5/47

Out: 18.488+/-0.059 χ^2/NDF:131837.6/54

All: 15.100+/-0.047 χ^2/NDF: 238293.6/102

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 16333.0/24

Left Out: 0.513+/-0.001 χ^2/NDF:15206.1/24

Right Out: 0.650+/-0.005 χ^2/NDF: 9558.0/29

Left In: 0.536+/-0.001 χ^2/NDF:11764.8/22

Left: 0.526+/-0.001 χ^2/NDF: 27282.9/47

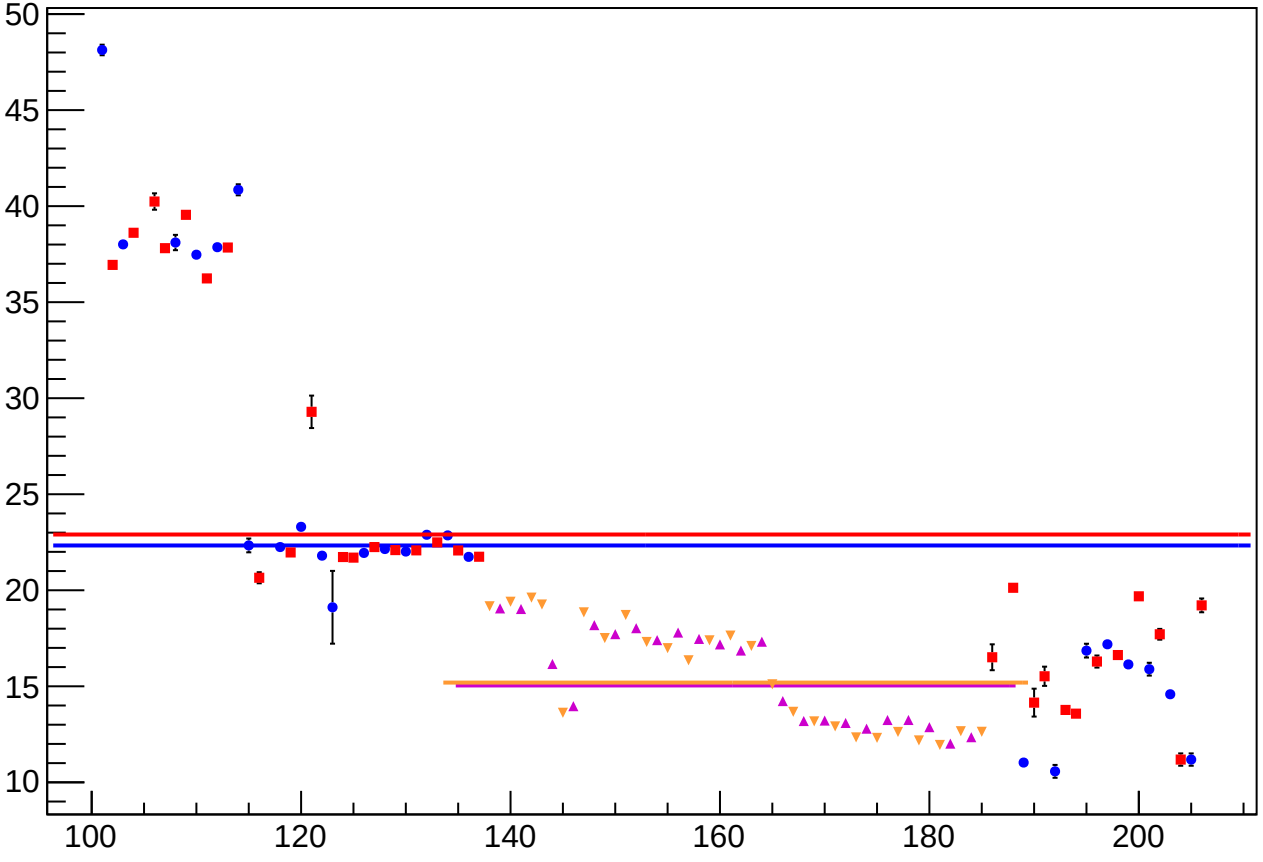
Right: 0.830+/-0.000 χ^2/NDF: 27043.7/54

In: 0.830+/-0.000 χ^2/NDF:143337.3/47

Out: 0.518+/-0.001 χ^2/NDF:25401.9/54

All: 0.830+/-0.000 χ^2/NDF: 277459.9/102

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.332+/-0.009 χ^2/NDF: 131226.7/24

Left Out: 15.194+/-0.004 χ^2/NDF:417095.1/24

Right Out: 22.903+/-0.009 χ^2/NDF: 173461.2/29

Left In: 15.044+/-0.005 χ^2/NDF:285851.6/22

Left: 15.125+/-0.003 χ^2/NDF: 703514.0/47

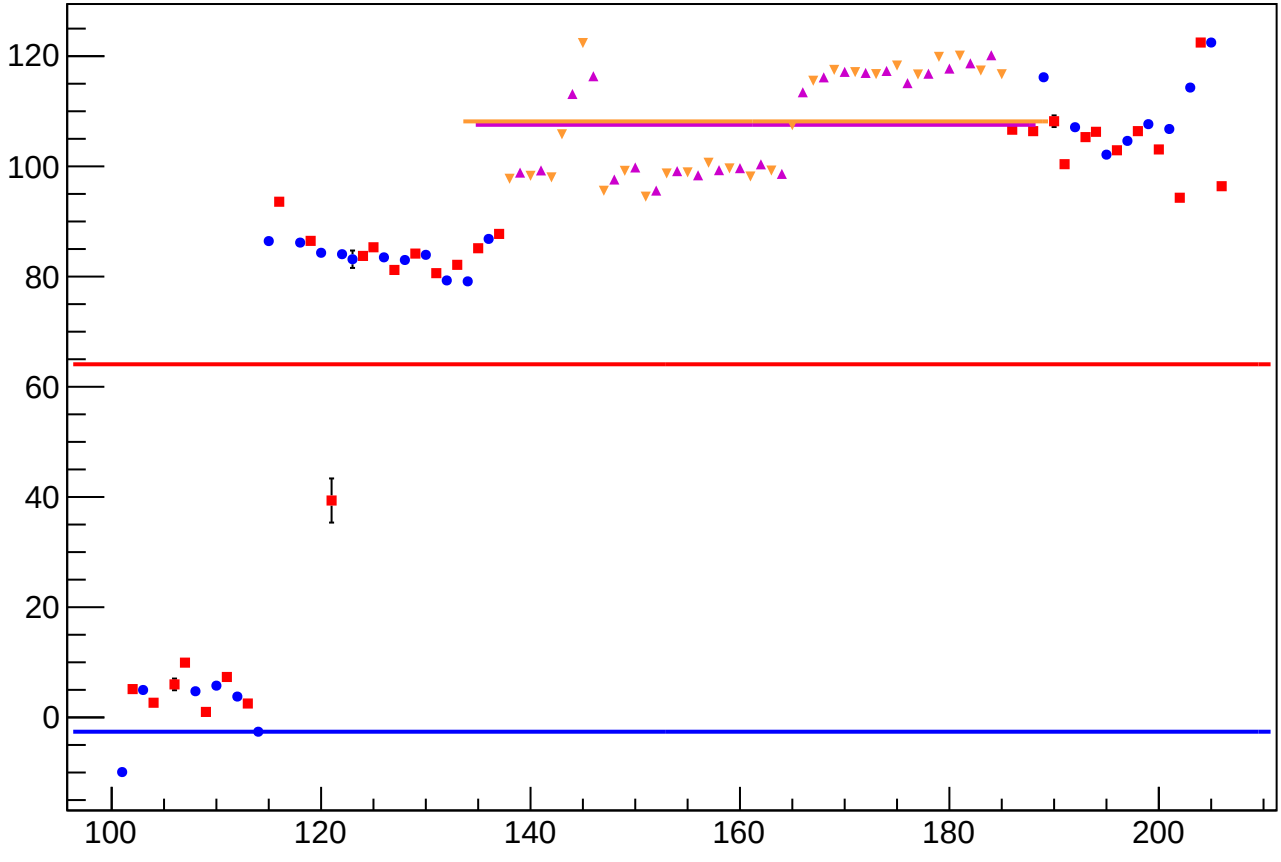
Right: 22.625+/-0.006 χ^2/NDF: 306657.9/54

In: 16.508+/-0.004 χ^2/NDF:917217.7/47

Out: 16.615+/-0.004 χ^2/NDF:1191785.9/54

All: 16.565+/-0.003 χ^2/NDF: 2109356.2/102

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 8770402.2/24

Left Out: 108.162+/-0.009 χ^2/NDF:1076822.4/24

Right Out: 64.085+/-0.030 χ^2/NDF: 1777733.8/29

Left In: 107.543+/-0.009 χ^2/NDF:988940.0/22

Left: 107.853+/-0.007 χ^2/NDF: 2067974.4/47

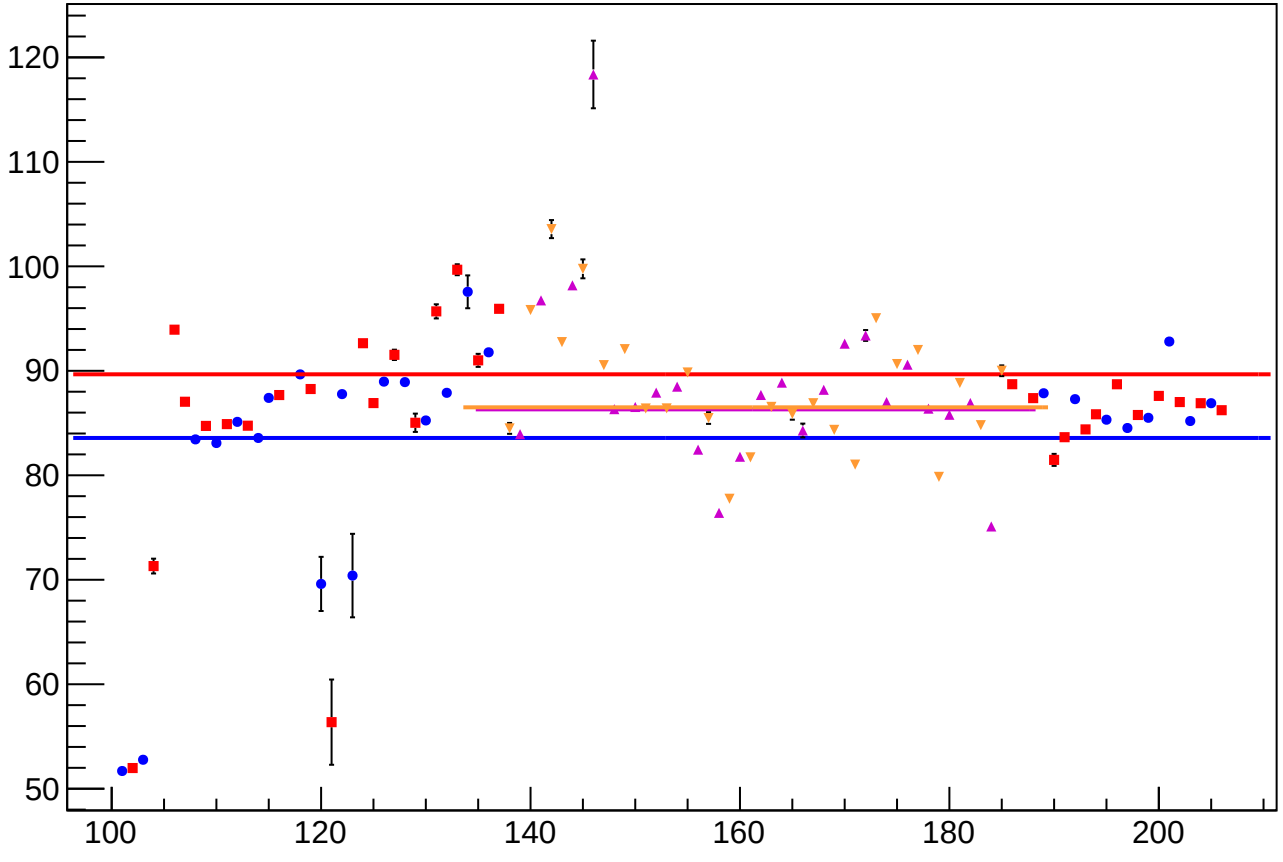
Right: -2.596+/-0.000 χ^2/NDF: 15557136.5/54

In: -2.596+/-0.000 χ^2/NDF:149326398.3/47

Out: 104.246+/-0.009 χ^2/NDF:4848820.4/54

All: -2.596+/-0.000 χ^2/NDF: 298901114.9/10

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573+/-0.000 χ^2/NDF: 51515.5/24

Left Out: 86.505+/-0.060 χ^2/NDF:8553.0/24

Right Out: 89.666+/-0.020 χ^2/NDF: 79257.2/29

Left In: 86.310+/-0.051 χ^2/NDF:8666.5/22

Left: 86.393+/-0.039 χ^2/NDF: 17225.5/47

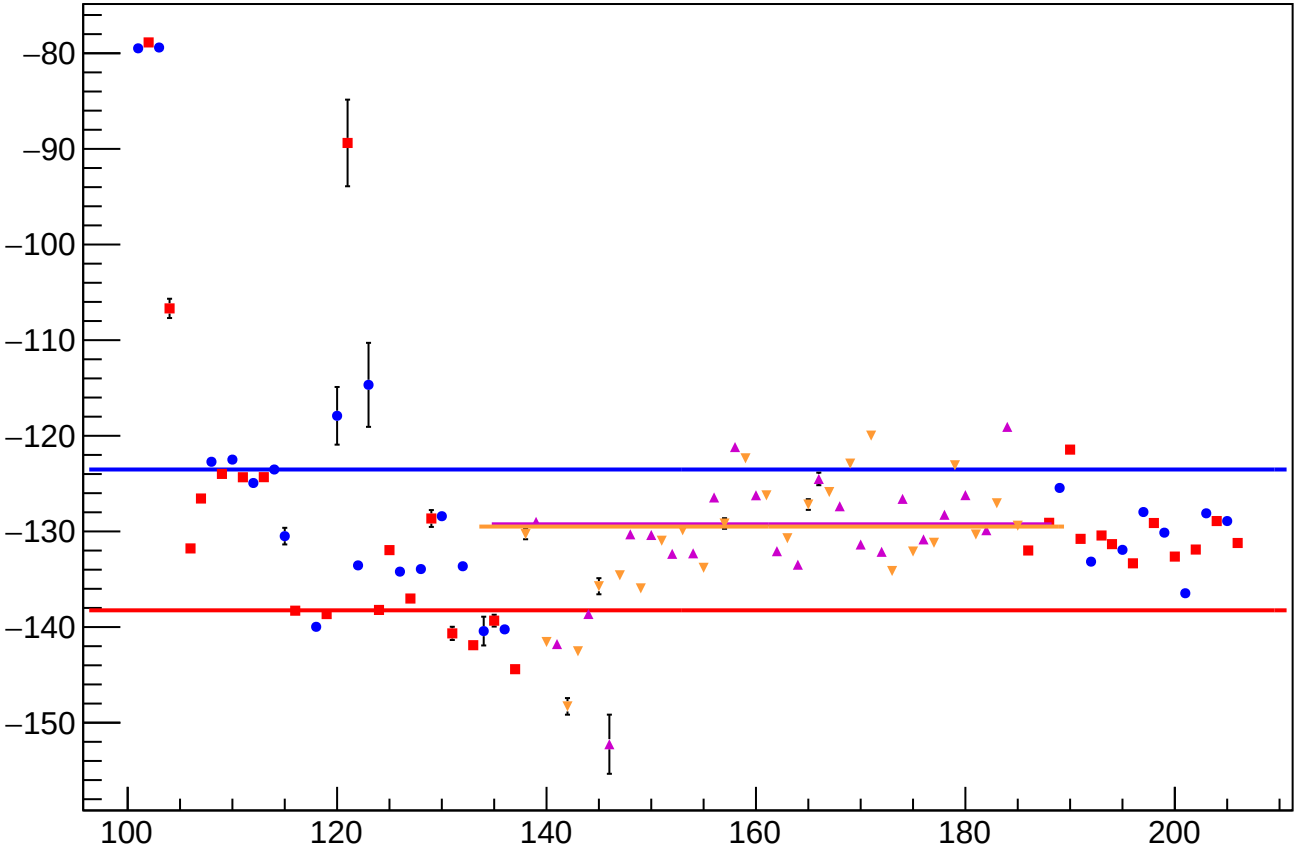
Right: 83.573+/-0.000 χ^2/NDF: 226874.8/54

In: 83.573+/-0.000 χ^2/NDF:63014.1/47

Out: 89.359+/-0.019 χ^2/NDF:90323.3/54

All: 83.573+/-0.000 χ^2/NDF: 249320.6/102

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF: 182770.8/24

Left Out: -129.492+/-0.059 χ^2/NDF:10775.3/24

Right Out: -138.250+/-0.016 χ^2/NDF: 310584.9/29

Left In: -129.256+/-0.052 χ^2/NDF:6558.2/22

Left: -129.358+/-0.039 χ^2/NDF: 17342.6/47

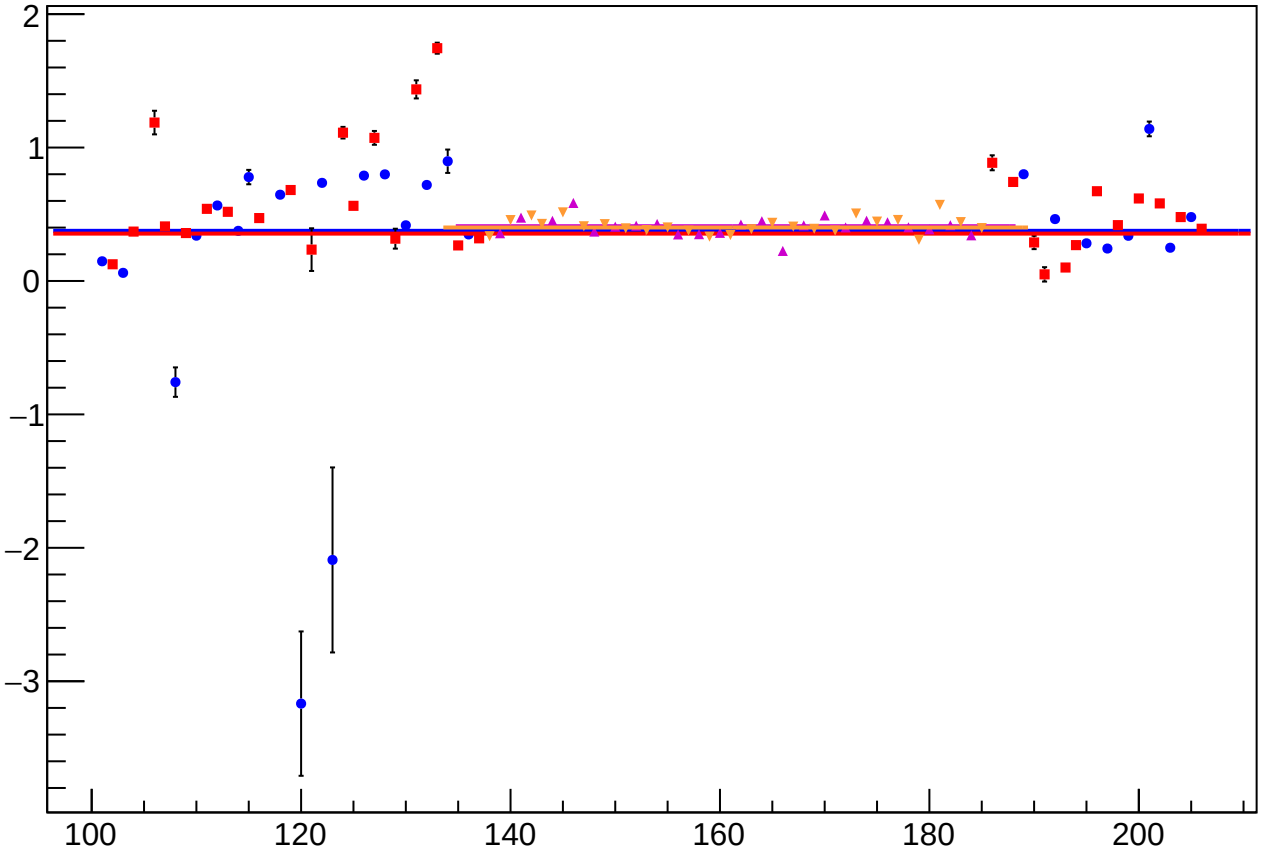
Right: -123.524+/-0.000 χ^2/NDF: 1355227.2/54

In: -123.524+/-0.000 χ^2/NDF:201691.8/47

Out: -137.663+/-0.015 χ^2/NDF:341773.6/54

All: -123.524+/-0.000 χ^2/NDF: 1395083.3/10

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376+/-0.000 χ^2/NDF: 4577.8/24

Left Out: 0.401+/-0.000 χ^2/NDF:9030.9/24

Right Out: 0.355+/-0.001 χ^2/NDF: 7141.2/29

Left In: 0.410+/-0.000 χ^2/NDF:8478.2/22

Left: 0.406+/-0.000 χ^2/NDF: 17715.3/47

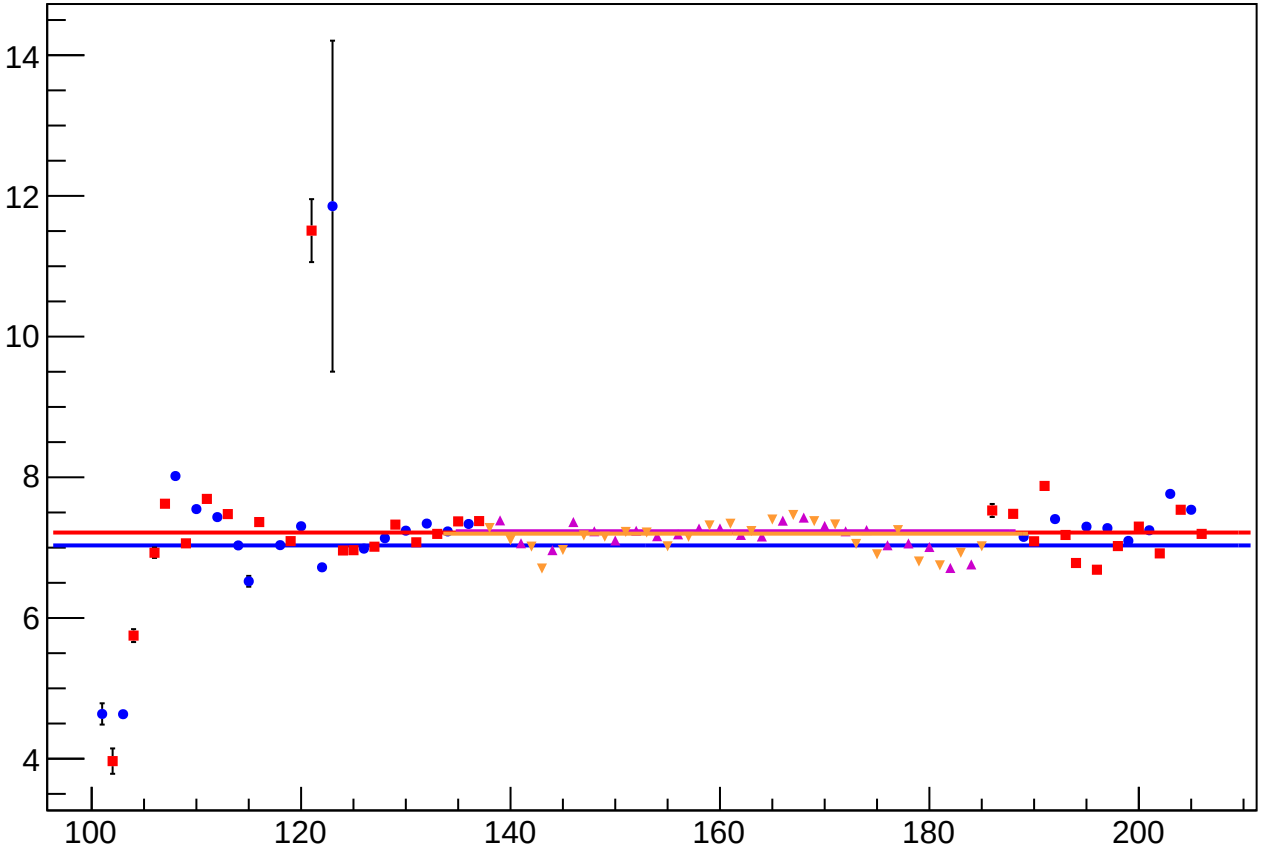
Right: 0.376+/-0.000 χ^2/NDF: 11932.0/54

In: 0.376+/-0.000 χ^2/NDF:18948.9/47

Out: 0.396+/-0.000 χ^2/NDF:17090.6/54

All: 0.376+/-0.000 χ^2/NDF: 37843.4/102

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 22308.4/24

Left Out: 7.199+/-0.001 χ^2/NDF:37453.7/24

Right Out: 7.215+/-0.002 χ^2/NDF: 11233.8/29

Left In: 7.233+/-0.001 χ^2/NDF:23085.0/22

Left: 7.217+/-0.001 χ^2/NDF: 61326.3/47

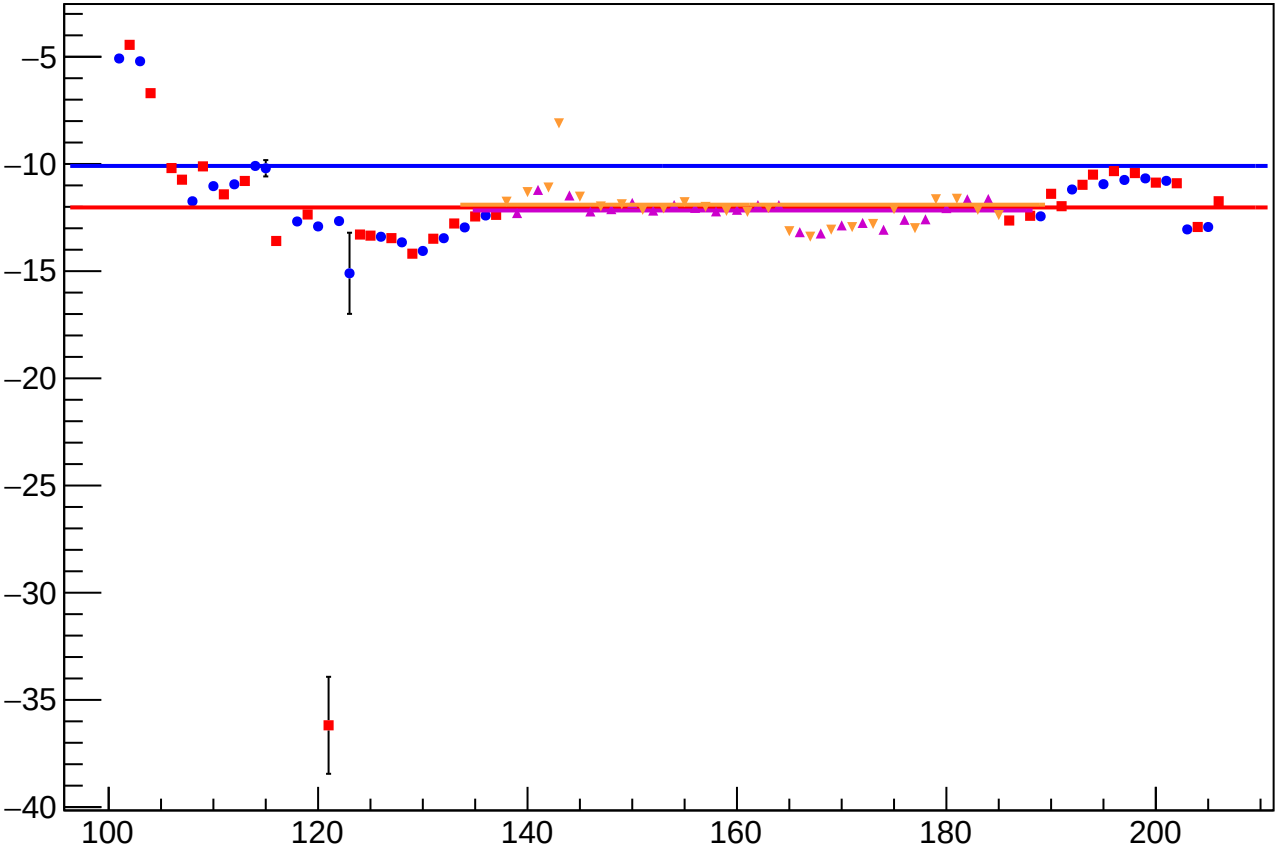
Right: 7.032+/-0.000 χ^2/NDF: 40477.4/54

In: 7.032+/-0.000 χ^2/NDF:104154.7/47

Out: 7.201+/-0.001 χ^2/NDF:48732.6/54

All: 7.032+/-0.000 χ^2/NDF: 194128.4/102

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 576135.8/24

Left Out: -11.899+/-0.002 χ^2/NDF:498866.6/24

Right Out: -12.028+/-0.003 χ^2/NDF: 168744.1/29

Left In: -12.169+/-0.002 χ^2/NDF:49568.3/22

Left: -12.033+/-0.001 χ^2/NDF: 561016.9/47

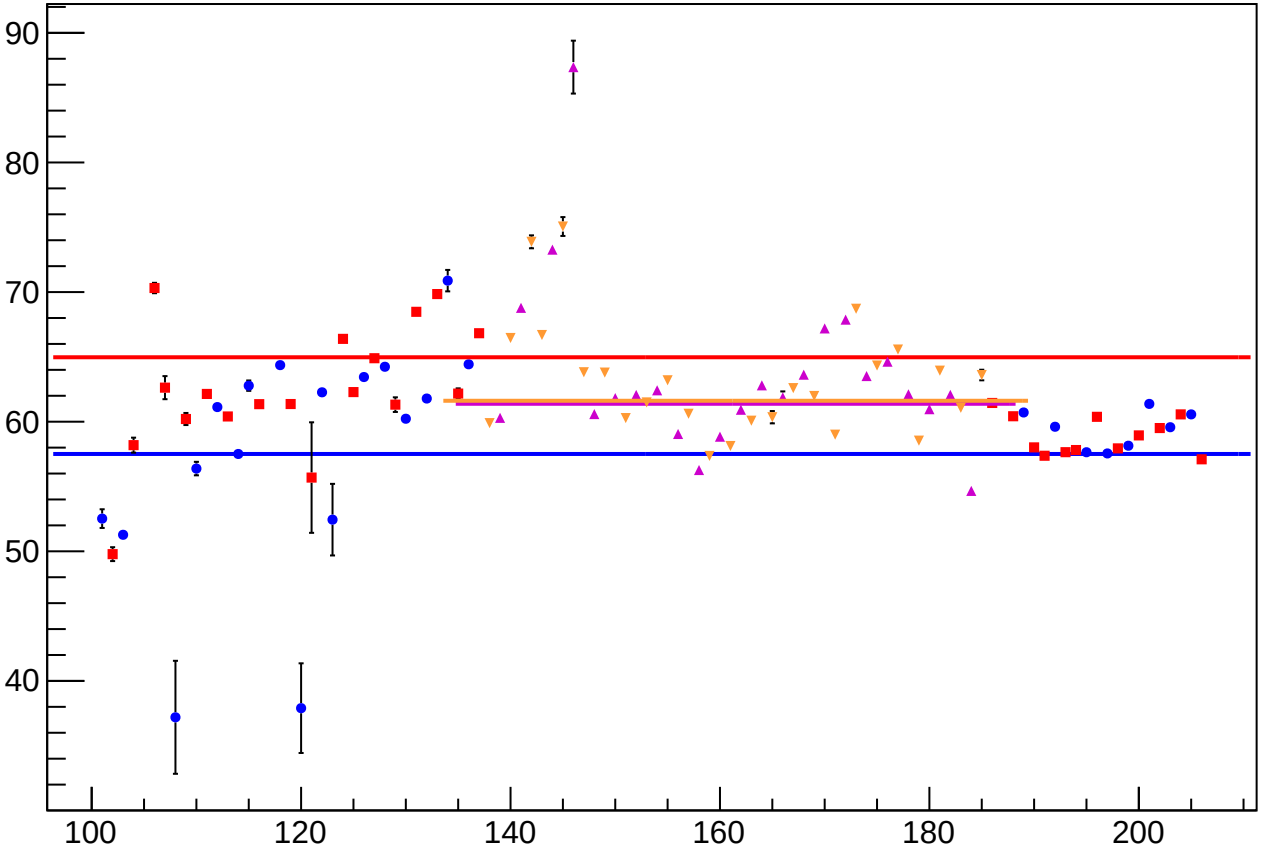
Right: -10.092+/-0.000 χ^2/NDF: 1138051.4/54

In: -10.092+/-0.000 χ^2/NDF:2108551.5/47

Out: -11.929+/-0.001 χ^2/NDF:668940.6/54

All: -10.092+/-0.000 χ^2/NDF: 4312430.7/102

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 10848.8/24

Left Out: 61.615+/-0.039 χ^2/NDF:7756.9/24

Right Out: 64.971+/-0.012 χ^2/NDF: 88185.5/29

Left In: 61.383+/-0.033 χ^2/NDF:8900.0/22

Left: 61.479+/-0.025 χ^2/NDF: 16677.8/47

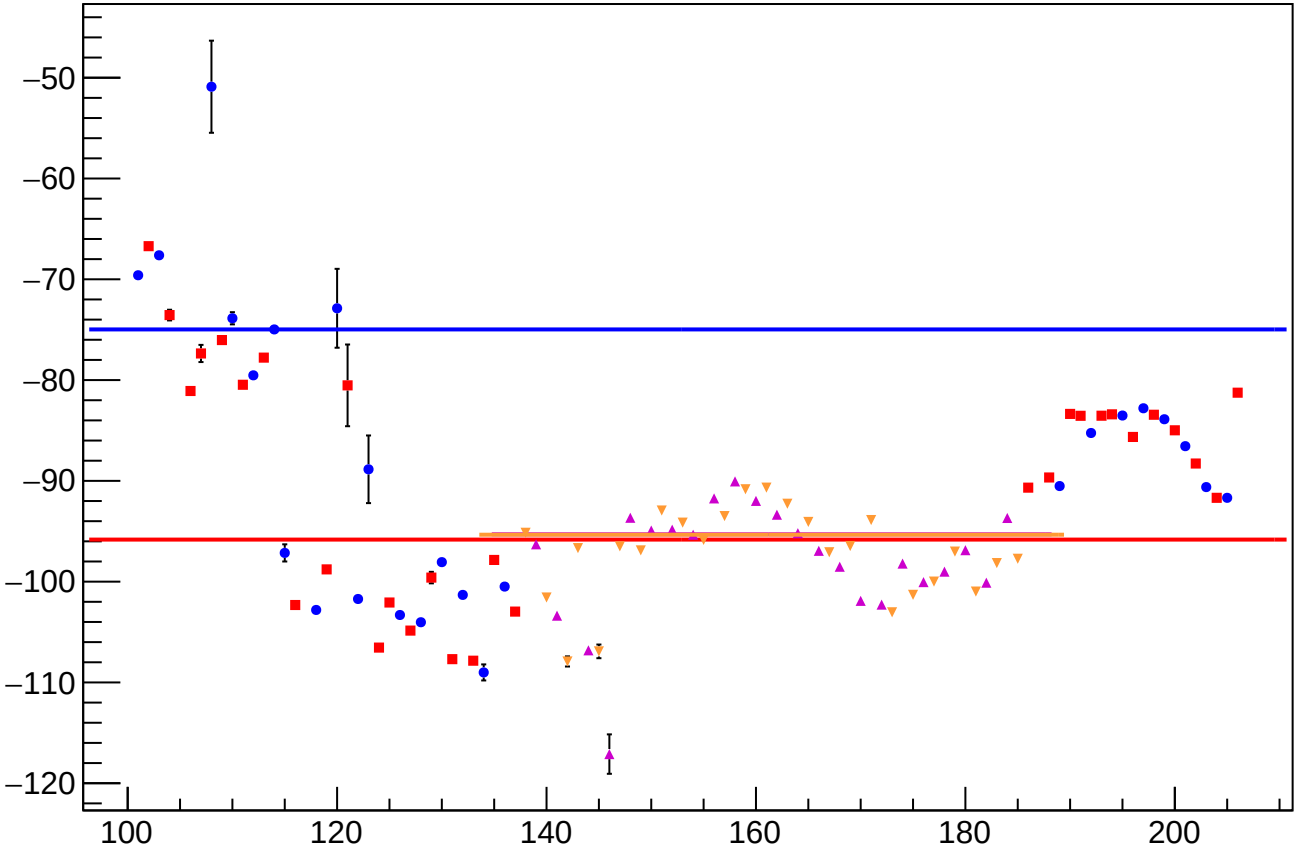
Right: 57.510+/-0.000 χ^2/NDF: 510311.4/54

In: 57.510+/-0.000 χ^2/NDF:33901.5/47

Out: 64.695+/-0.011 χ^2/NDF:102776.6/54

All: 57.510+/-0.000 χ^2/NDF: 552261.8/102

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 257039.4/24

Left Out: -95.342+/-0.039 χ^2/NDF:9387.4/24

Right Out: -95.826+/-0.014 χ^2/NDF: 423485.0/29

Left In: -95.301+/-0.033 χ^2/NDF:11271.5/22

Left: -95.319+/-0.025 χ^2/NDF: 20659.5/47

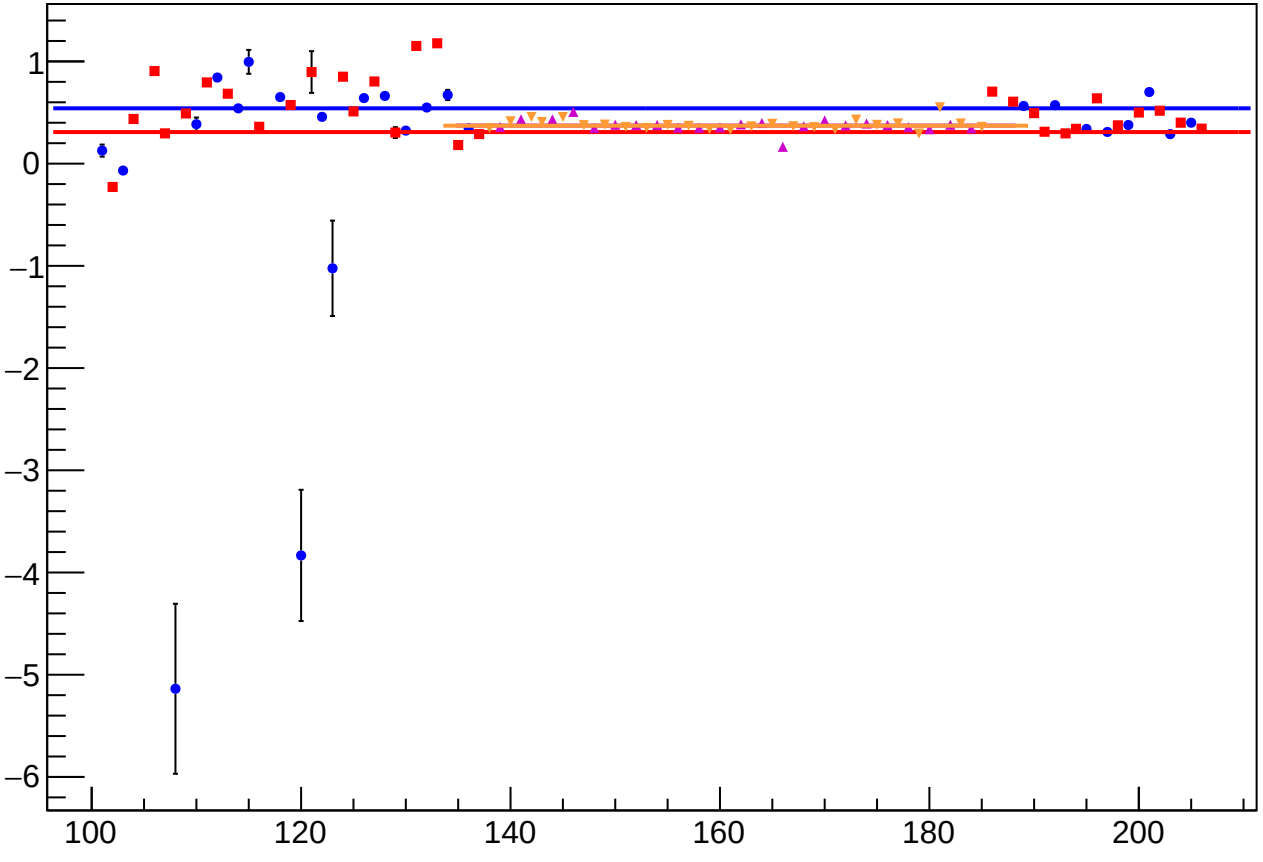
Right: -74.974+/-0.000 χ^2/NDF: 2891878.5/54

In: -74.974+/-0.000 χ^2/NDF:643263.0/47

Out: -95.770+/-0.013 χ^2/NDF:433010.6/54

All: -74.974+/-0.000 χ^2/NDF: 3564450.8/102

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 31528.6/24

Left Out: 0.371+/-0.000 χ^2/NDF:6797.7/24

Right Out: 0.309+/-0.001 χ^2/NDF: 12654.3/29

Left In: 0.372+/-0.000 χ^2/NDF:6020.6/22

Left: 0.372+/-0.000 χ^2/NDF: 12824.6/47

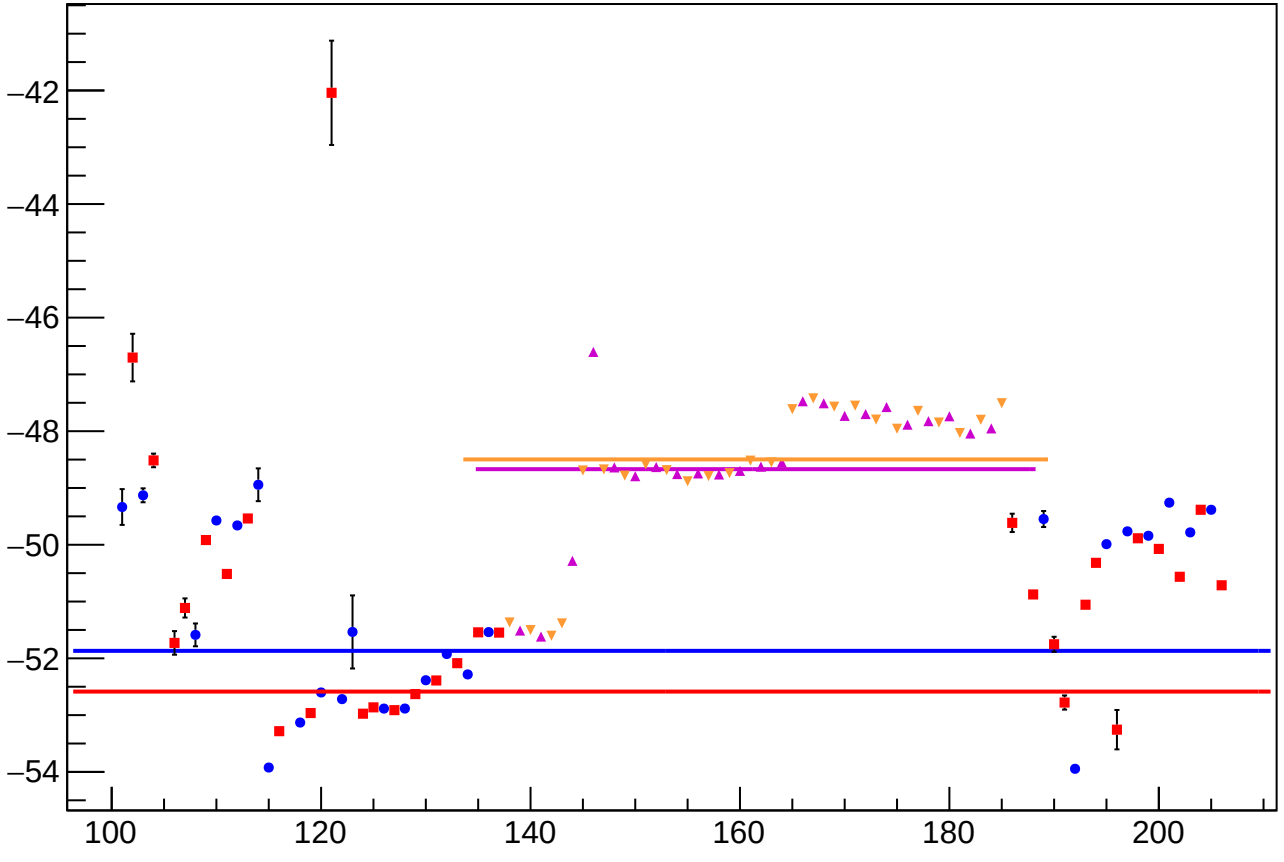
Right: 0.541+/-0.000 χ^2/NDF: 131683.3/54

In: 0.541+/-0.000 χ^2/NDF:336665.1/47

Out: 0.360+/-0.000 χ^2/NDF:24606.8/54

All: 0.541+/-0.000 χ^2/NDF: 654931.0/102

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.868+/-0.002 χ^2/NDF: 87377.3/24

Left Out: -48.497+/-0.001 χ^2/NDF:699790.4/24

Right Out: -52.585+/-0.003 χ^2/NDF: 94131.9/29

Left In: -48.669+/-0.001 χ^2/NDF:809321.2/22

Left: -48.594+/-0.001 χ^2/NDF: 1523797.8/47

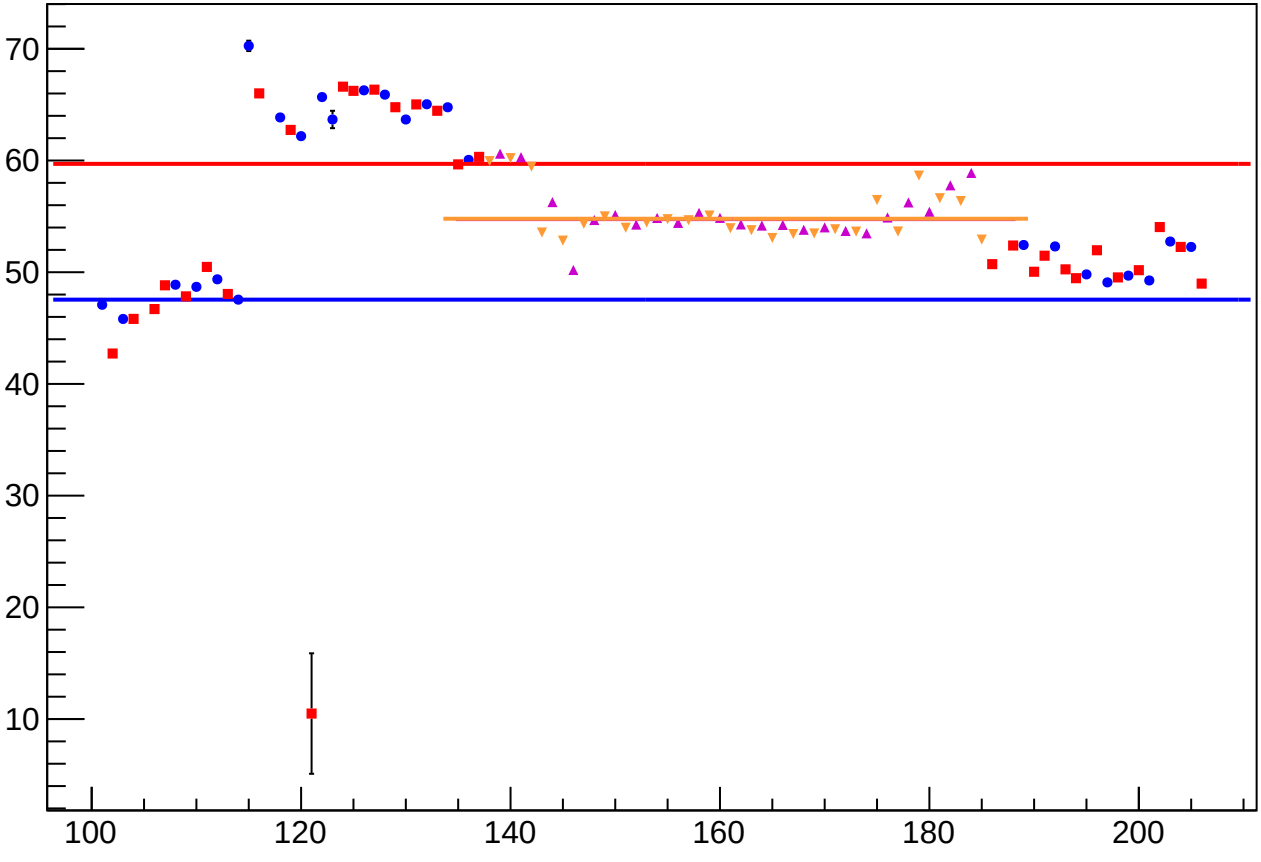
Right: -52.183+/-0.002 χ^2/NDF: 227424.4/54

In: -49.153+/-0.001 χ^2/NDF:2664921.7/47

Out: -49.122+/-0.001 χ^2/NDF:3045239.2/54

All: -49.139+/-0.001 χ^2/NDF: 5710724.0/102

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3622694.3/24

Left Out: 54.787+/-0.003 χ^2/NDF:301226.3/24

Right Out: 59.700+/-0.006 χ^2/NDF: 1126006.8/29

Left In: 54.755+/-0.003 χ^2/NDF:100763.3/22

Left: 54.769+/-0.002 χ^2/NDF: 402054.6/47

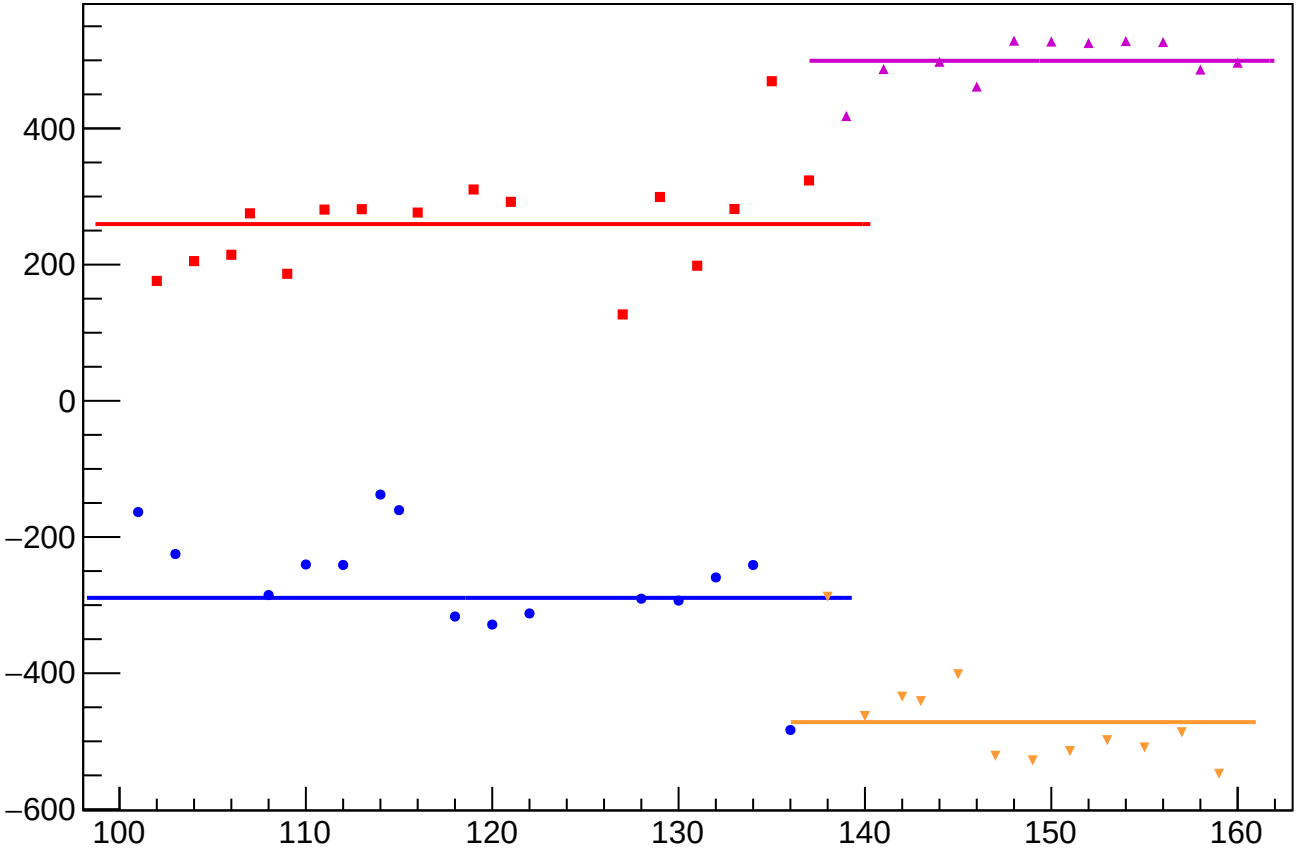
Right: 47.545+/-0.000 χ^2/NDF: 8338112.3/54

In: 47.545+/-0.000 χ^2/NDF:11378253.8/47

Out: 55.642+/-0.003 χ^2/NDF:1911596.4/54

All: 47.545+/-0.000 χ^2/NDF: 22442522.7/102

dit_4aX_coil1_mean vs Slug, Sign Corrected



Left: 16.408+/-0.000 χ^2/NDF: 4387510726187305

Right In: -289.322+/-0.000 χ^2/NDF: 53696816404848914786495853921839349 76.0/14

Right: -11.129+/-0.000 χ^2/NDF: 108768514077982

Left Out: -471.791+/-0.000 χ^2/NDF:4407577357733372304653153526381281280.0/11

In: 173.938+/-0.000 χ^2/NDF:2434992102571034

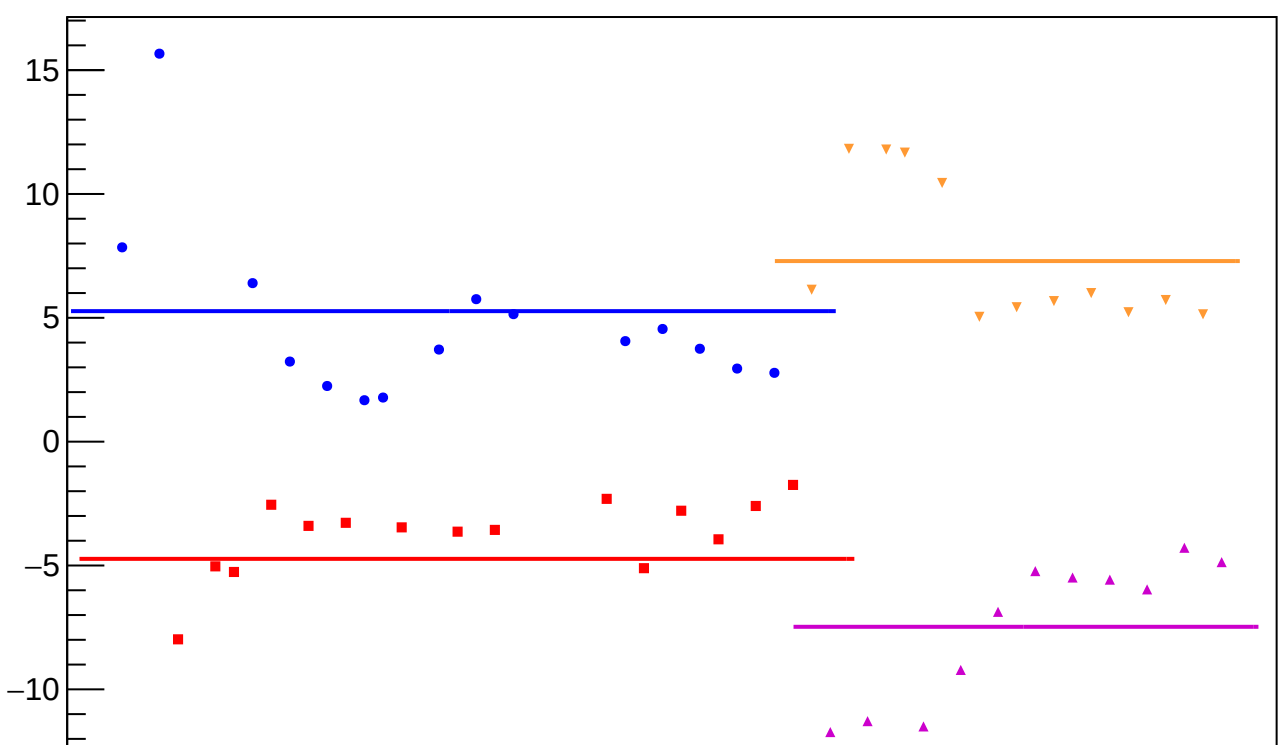
Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

Out: -163.246+/-0.000 χ^2/NDF:214955339400548

Left In: 499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655114 24.0/10

All: 4.918+/-0.000 χ^2/NDF: 5481010805807

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.132+/-0.000 χ^2/NDF: 11395661588137733

Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

Left Out: 7.291+/-0.000 χ^2/NDF:67180535151728638858364323511664 64.0/11

In: -2.217+/-0.000 χ^2/NDF:77685923011797950 8

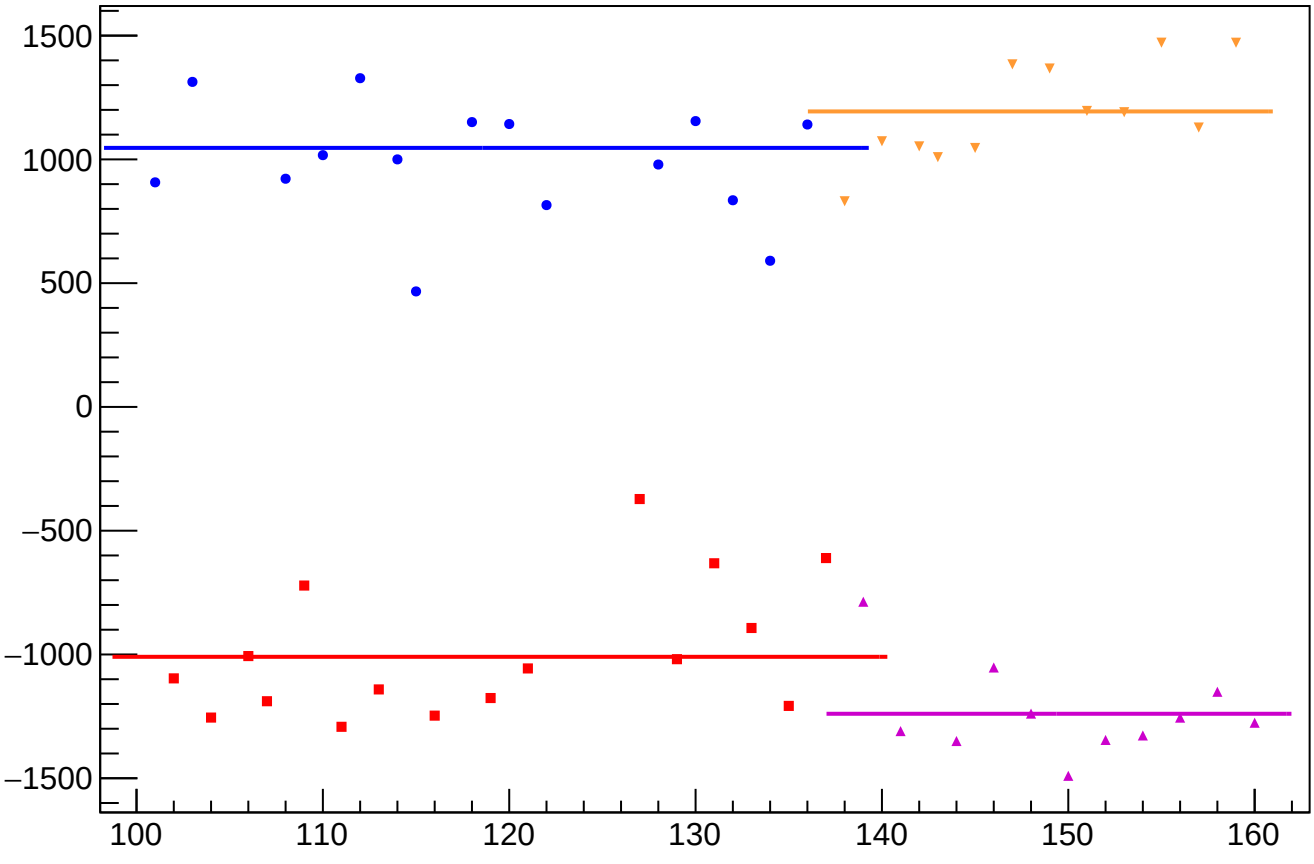
Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Out: 2.219+/-0.000 χ^2/NDF:69311143911144933 8

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

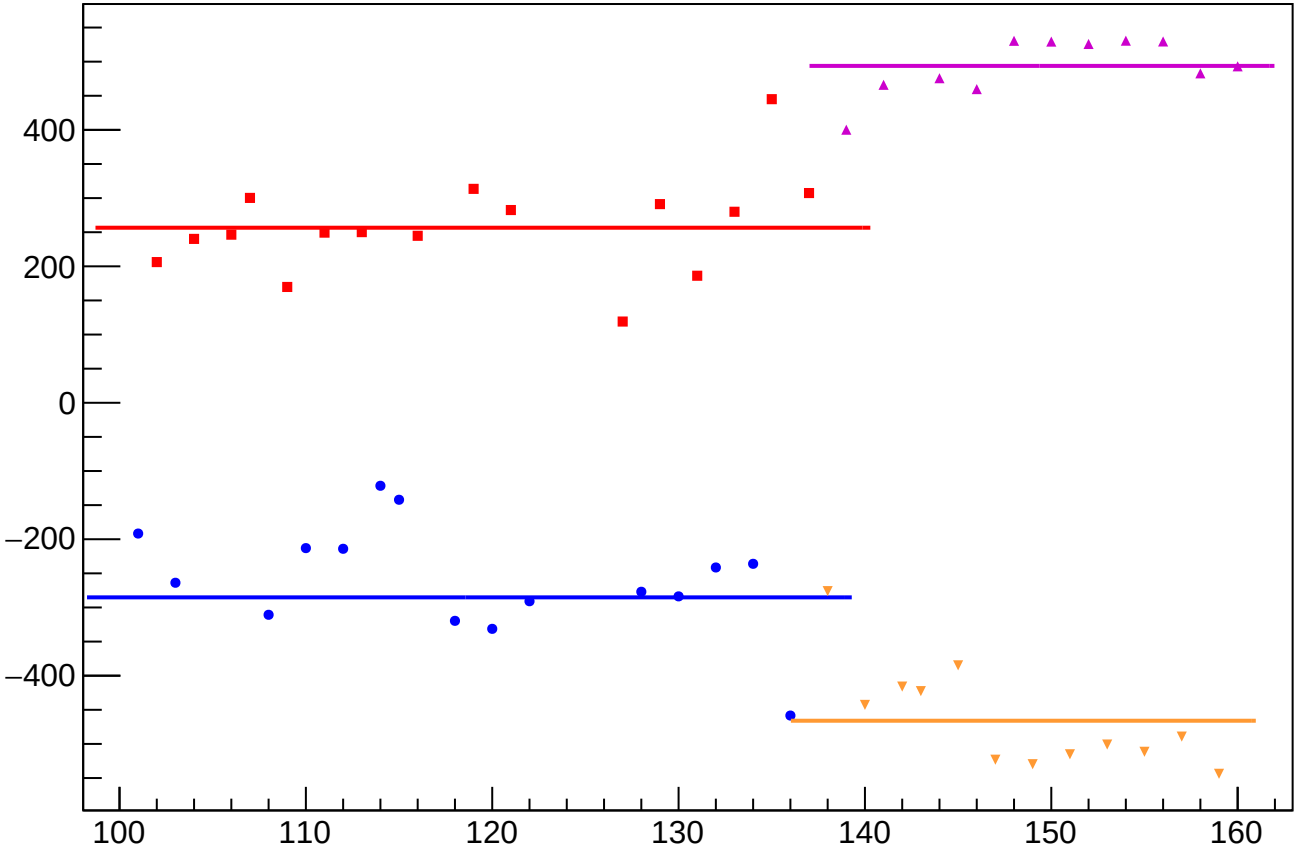
All: 0.007+/-0.000 χ^2/NDF: 16250941727402

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



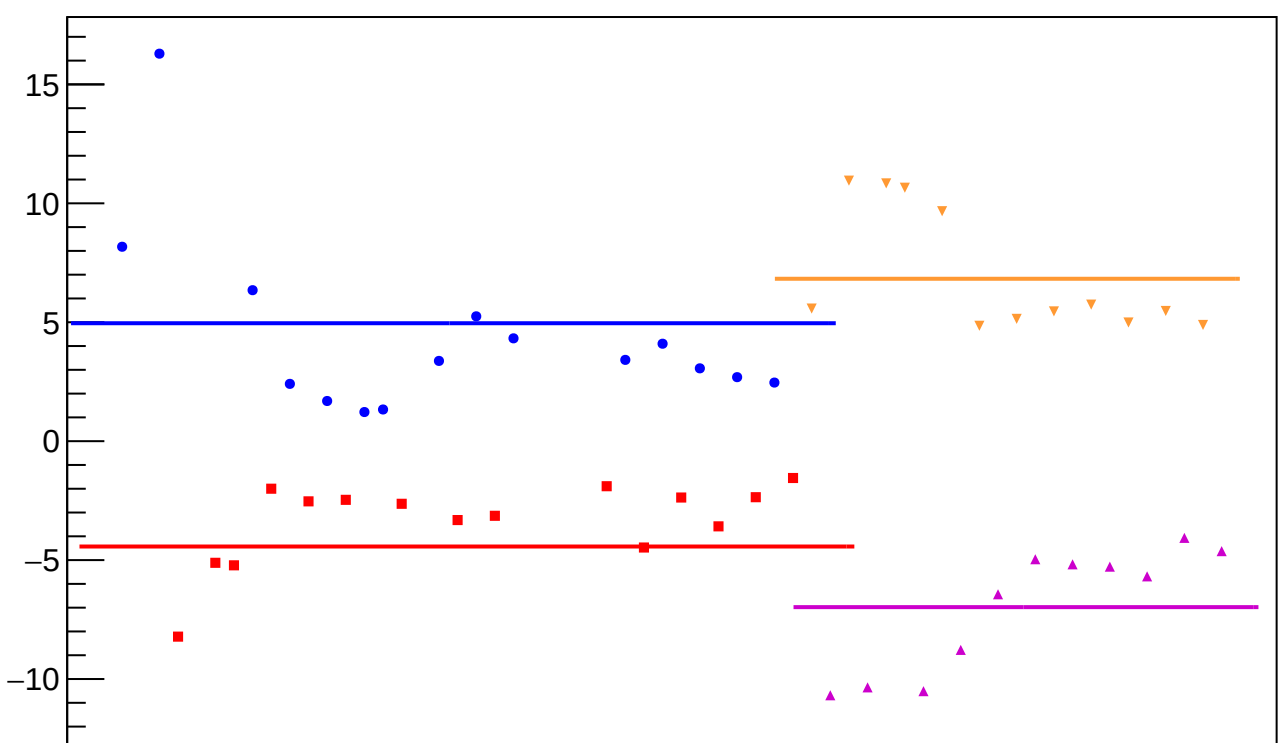
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eX_coil1_mean vs Slug, Sign Corrected



Left: 16.495+/-0.000 χ^2/NDF: 4299214523366525
Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14
Right: -10.589+/-0.000 χ^2/NDF: 104681795299957
Left Out: -466.012+/-0.000 χ^2/NDF:5190970068830574132794472761412026368.0/11
In: 172.388+/-0.000 χ^2/NDF:2372579446199701
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15
Out: -161.153+/-0.000 χ^2/NDF:210188051150550
Left In: 493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10
All: 5.194+/-0.000 χ^2/NDF: 5351657860552

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 6.828+/-0.000 χ^2/NDF:5374095498583312473439971131260928.0/11

Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Left In: -6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

Left: -0.112+/-0.000 χ^2/NDF: 98575453845748466

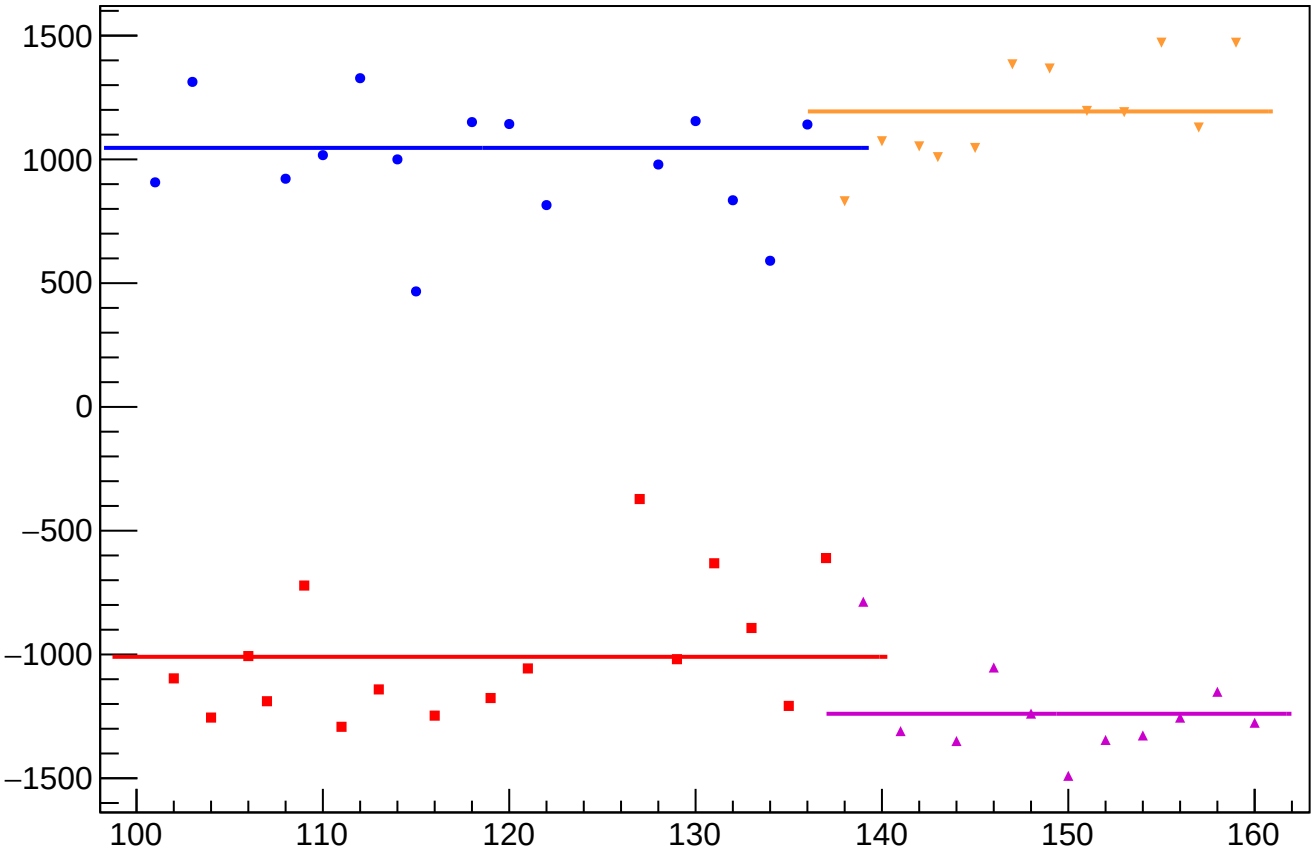
Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

Out: 2.079+/-0.000 χ^2/NDF:626104177981069701

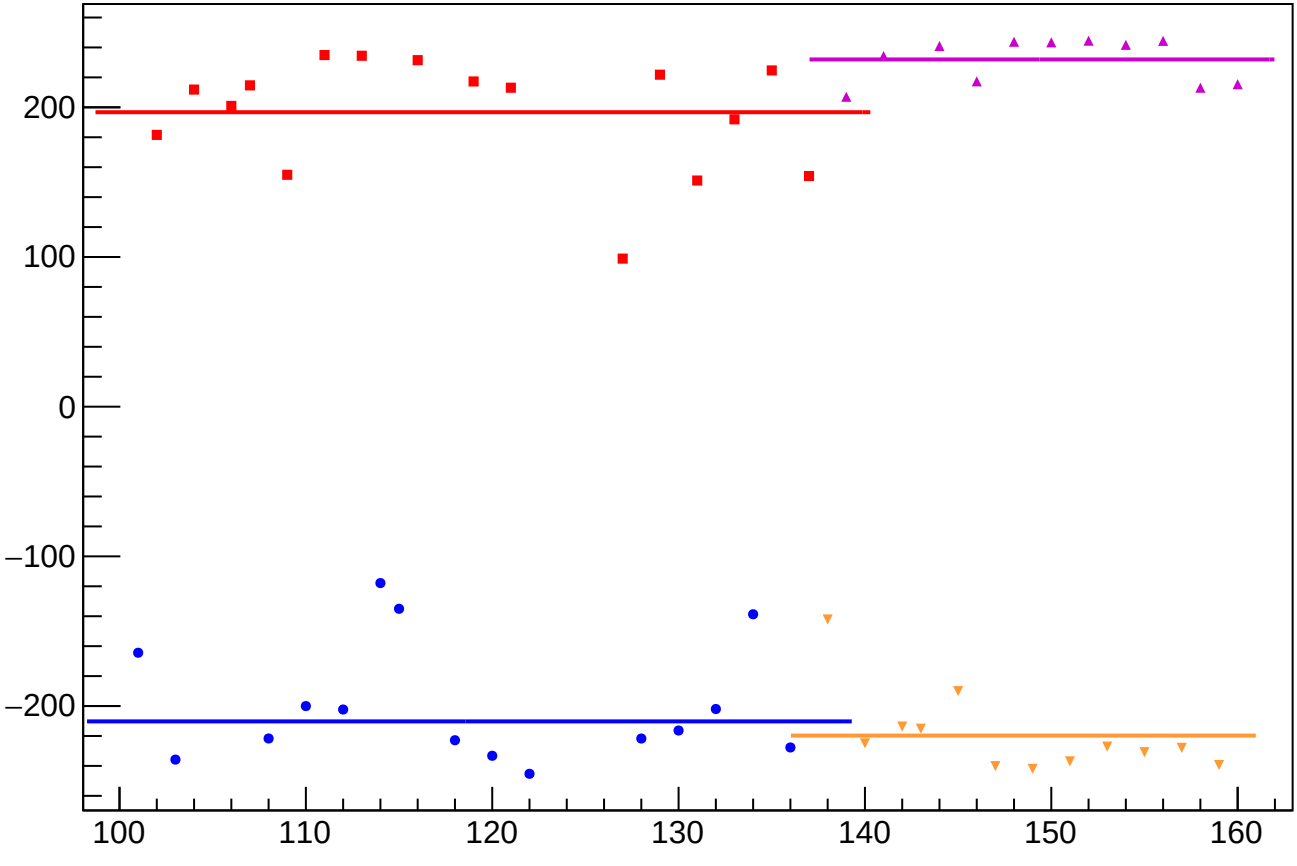
All: 0.018+/-0.000 χ^2/NDF: 1464768921407 0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Left: 7.357+/-0.000 χ^2/NDF: 946302102045066653

Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263

Left Out: -219.729+/-0.000 χ^2/NDF:691090878567021644145539364306288640.0/11

In: 49.520+/-0.000 χ^2/NDF:75312551342115055 4

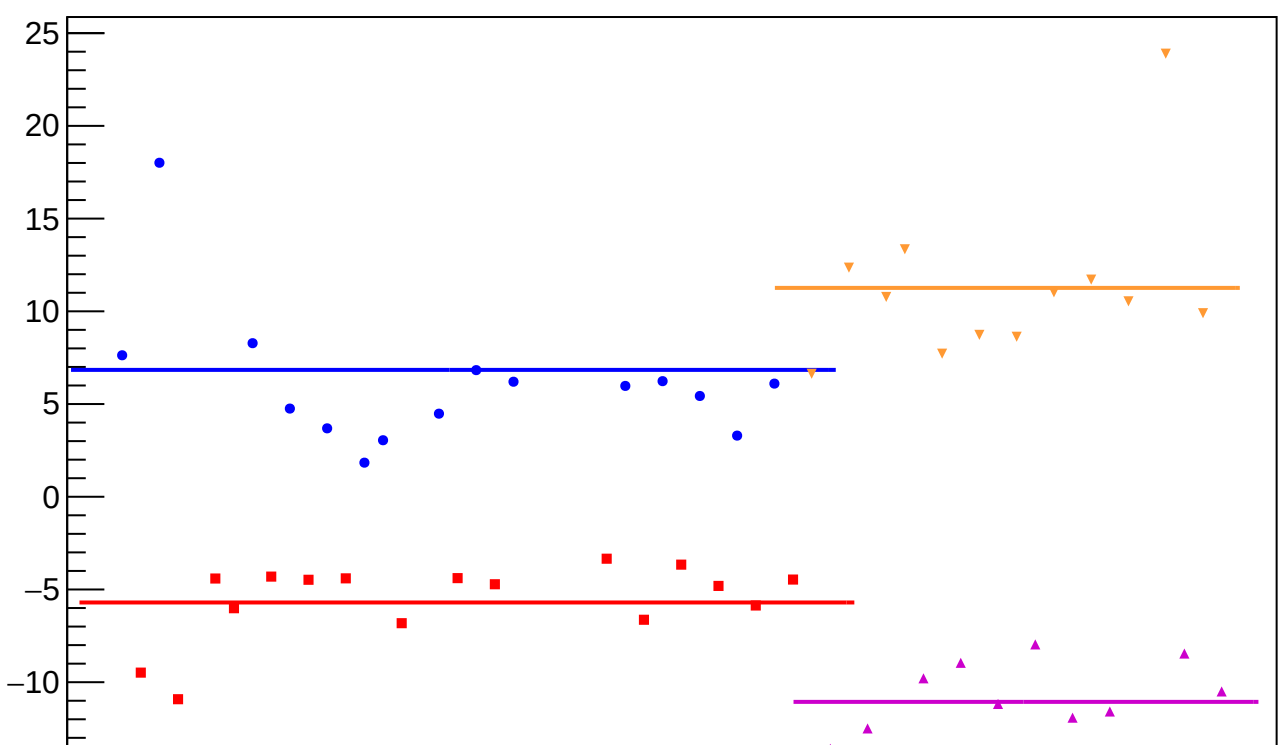
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

Out: -44.029+/-0.000 χ^2/NDF:6848097439733710

Left In: 231.985+/-0.000 χ^2/NDF:1829920272804014631390651052908871 68.0/10

All: 2.627+/-0.000 χ^2/NDF: 15069384503151

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Left: 0.040+/-0.000 χ^2/NDF: 250357817472556188

Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14

Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291

Left Out: 11.263+/-0.000 χ^2/NDF:169504843044958267355265373894082 56.0/11

In: -3.675+/-0.000 χ^2/NDF:135955249397154669

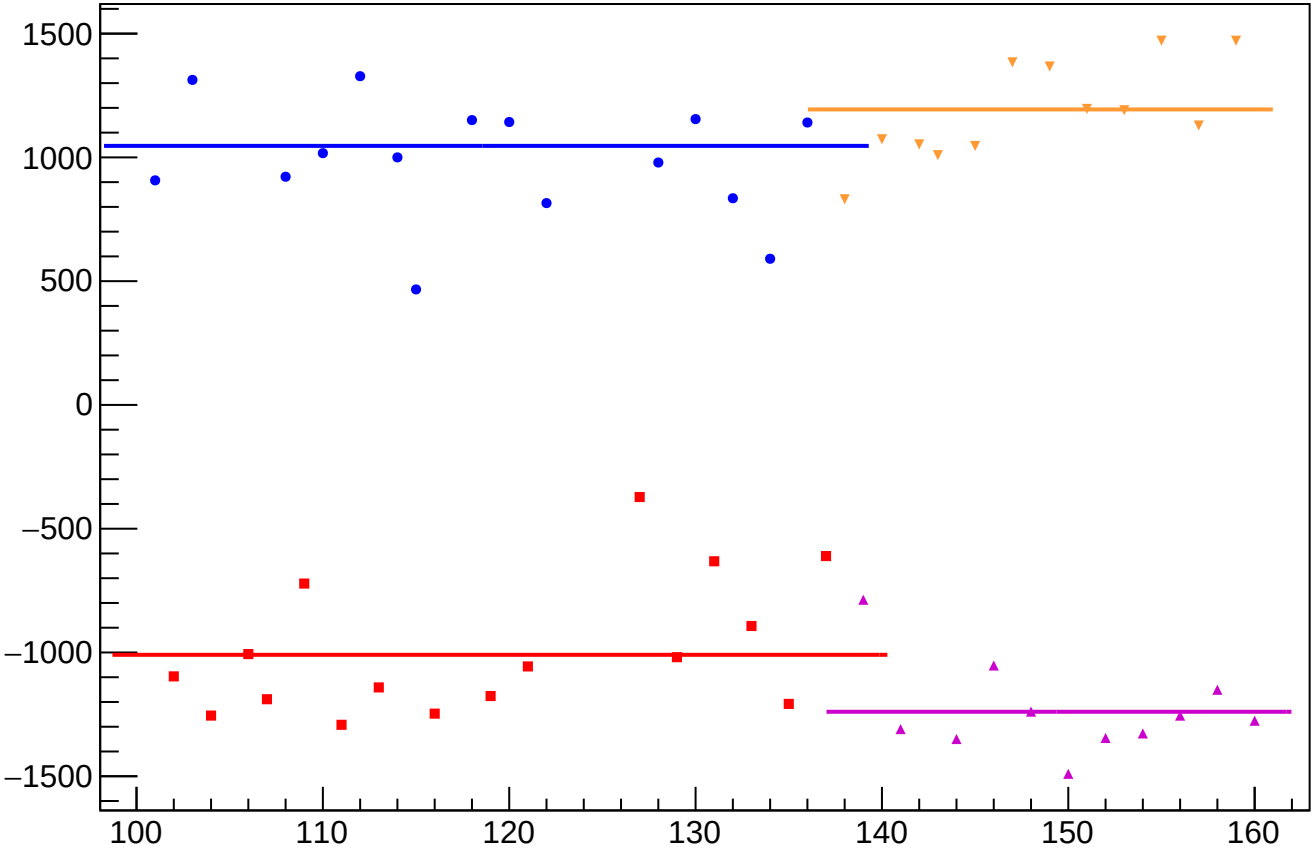
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15

Out: 4.106+/-0.000 χ^2/NDF:131096875714597245

Left In: -11.061+/-0.000 χ^2/NDF:441755938778495440031193371351449 6.0/10

All: 0.226+/-0.000 χ^2/NDF: 3147874341547

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

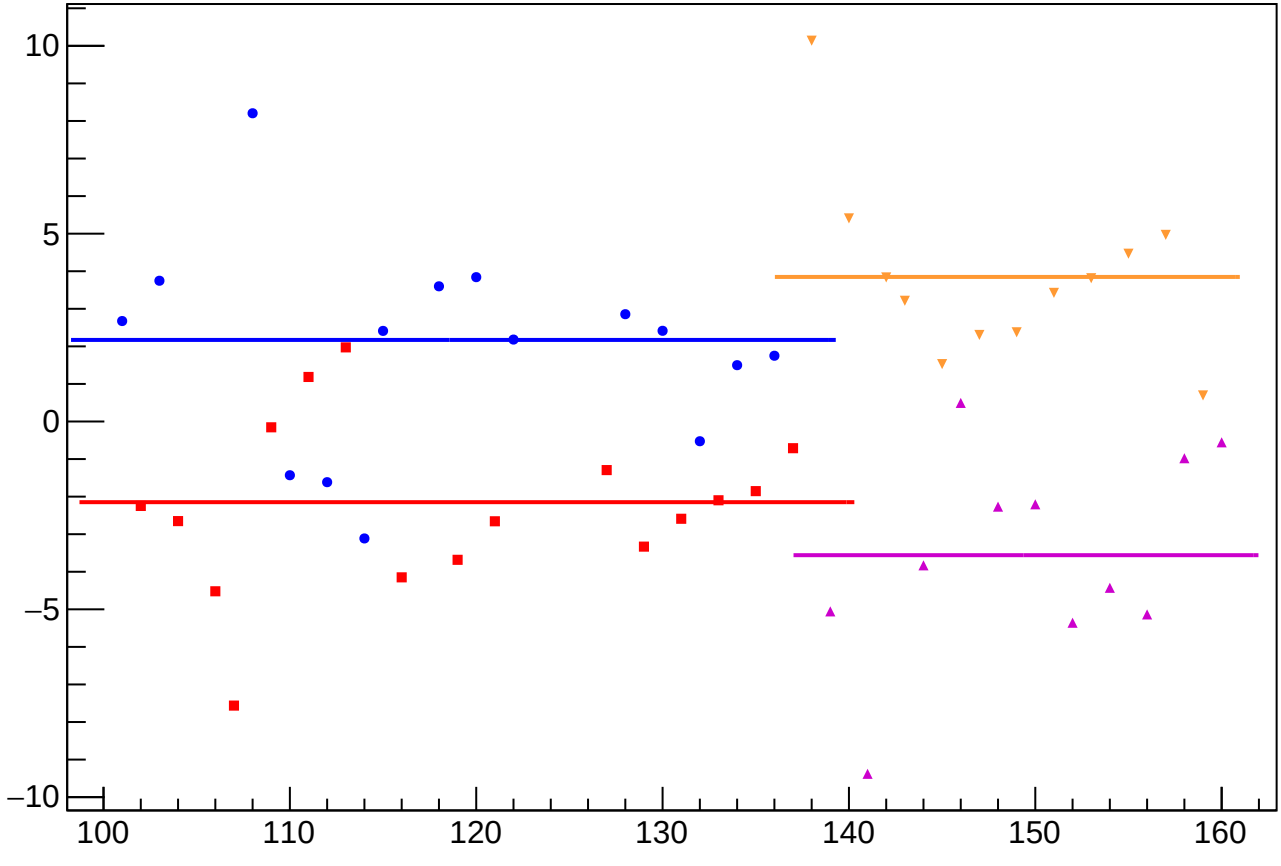
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

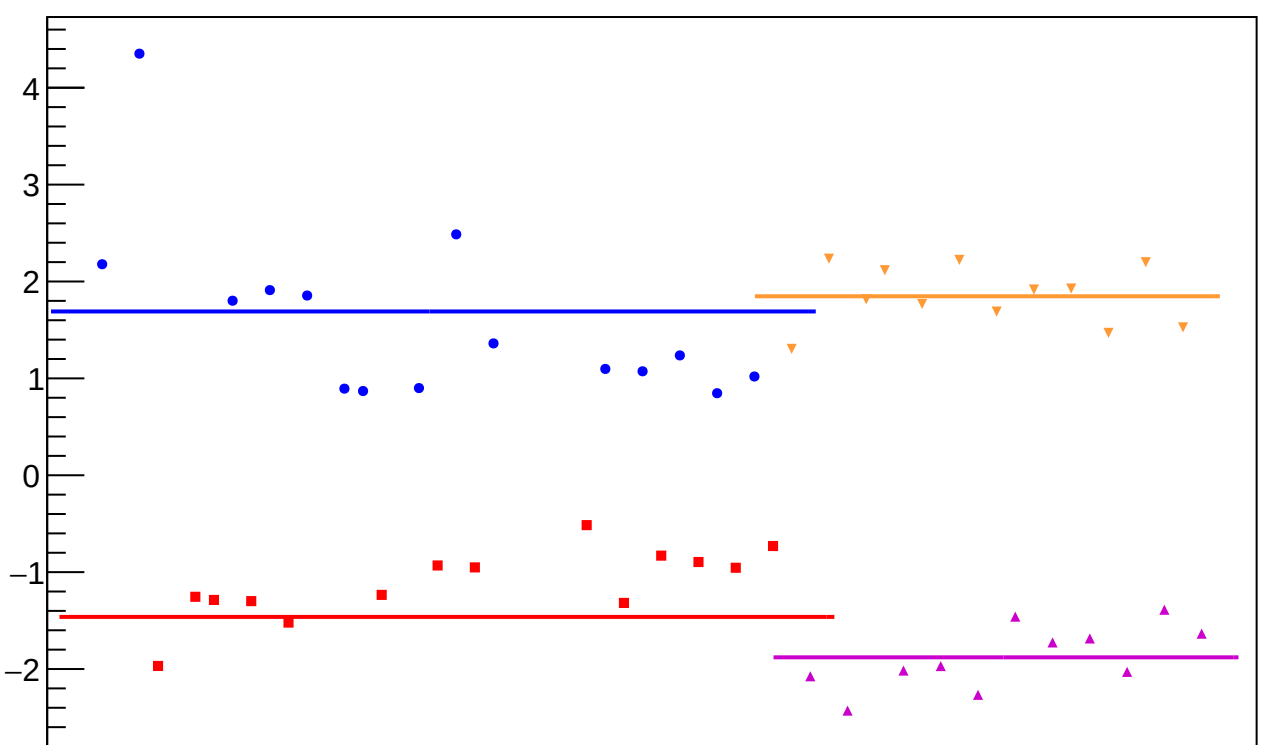
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aY_coil1_mean vs Slug, Sign Corrected



Left: 0.125+/-0.000 χ^2/NDF: 36741877851651066
Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14
Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488
Left Out: 3.848+/-0.000 χ^2/NDF:503959945758893675940636016613785 6.0/11
In: -1.195+/-0.000 χ^2/NDF:226097487134650351
Right Out: -2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187 8400.0/15
Out: 1.319+/-0.000 χ^2/NDF:21996427060229327 9
Left In: -3.559+/-0.000 χ^2/NDF:649266734510996254065216575871 3856.0/10
All: 0.065+/-0.000 χ^2/NDF: 4958691380061 8

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.026+/-0.000 χ^2/NDF: 65568039047872649

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.847+/-0.000 χ^2/NDF:84162850183102511254837045231616.0/11

In: -0.406+/-0.000 χ^2/NDF:55619651777118776 5

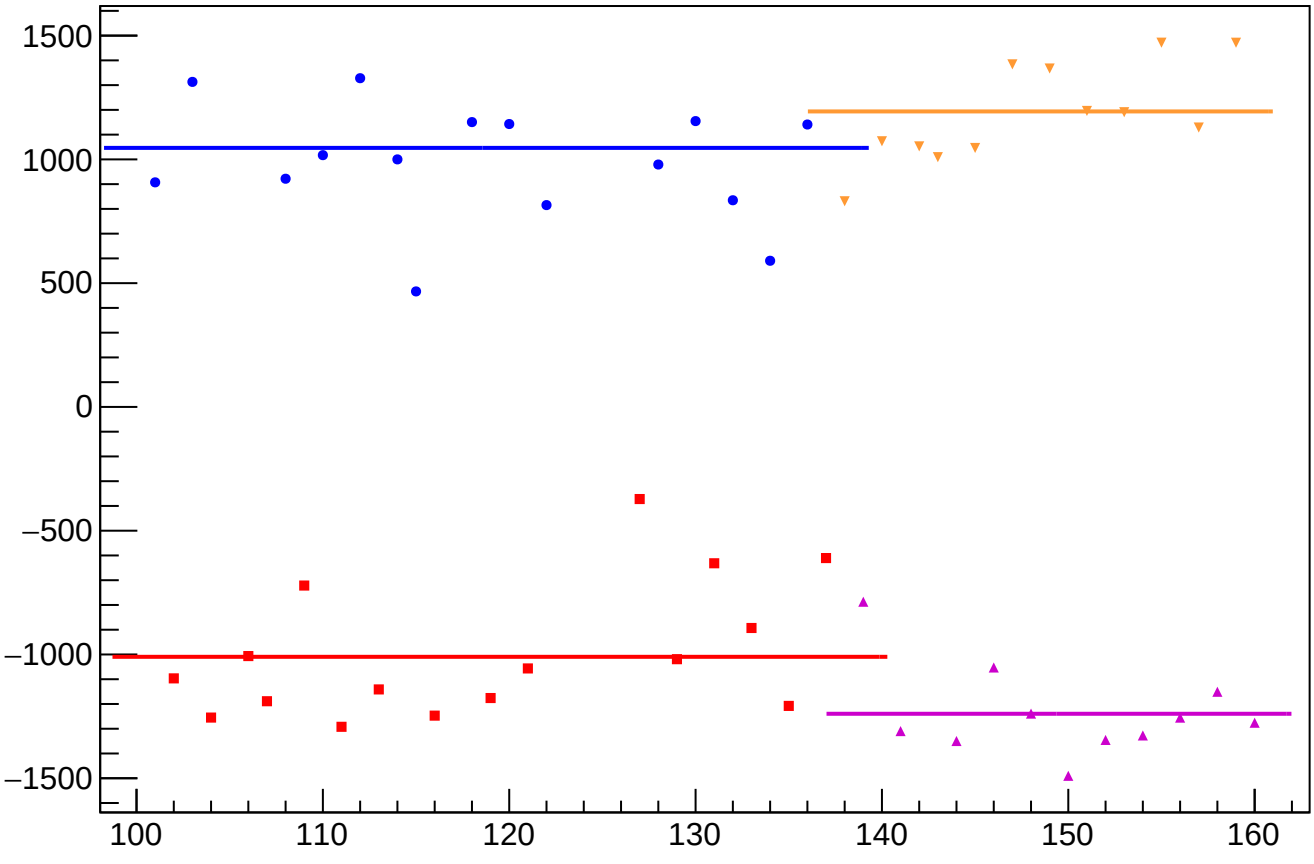
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: 0.451+/-0.000 χ^2/NDF:47521424919016649 0

Left In: -1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

All: 0.024+/-0.000 χ^2/NDF: 1089396040046 2

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

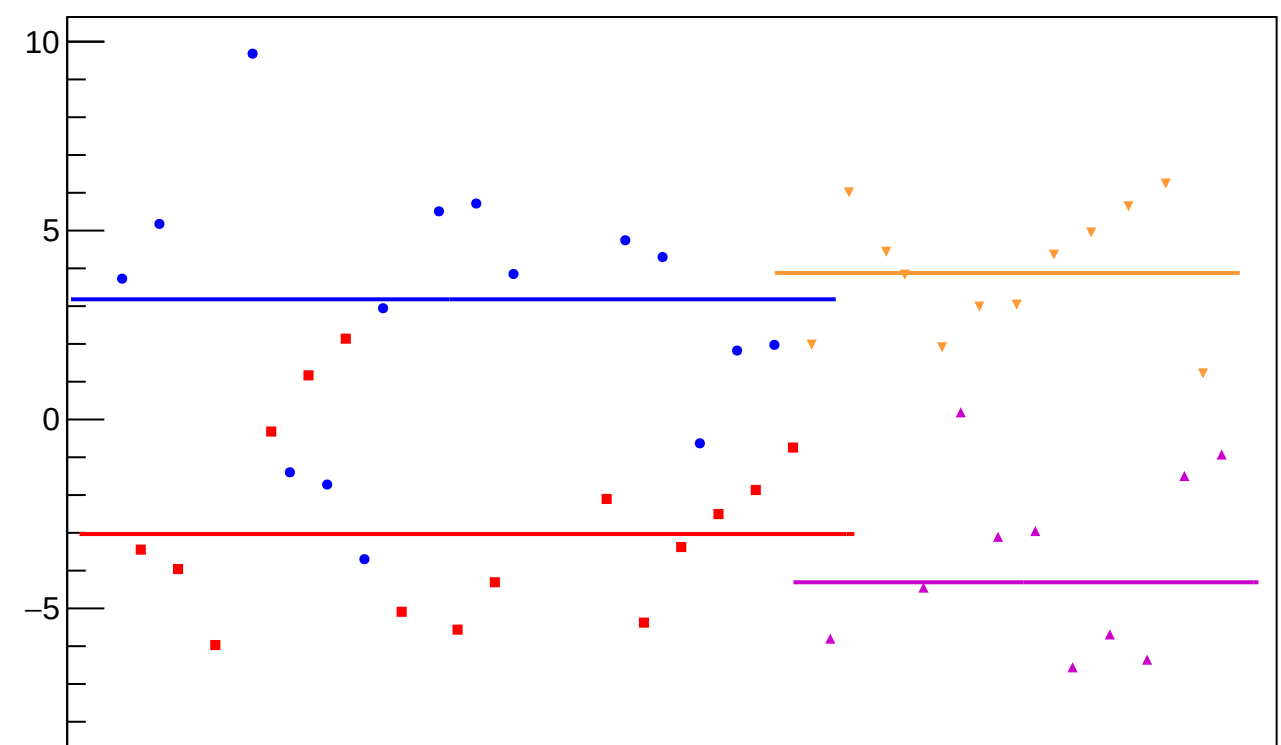
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eY_coil1_mean vs Slug, Sign Corrected



Left: -0.237+/-0.000 χ^2/NDF: 40330727078704471

Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Right: 0.032+/-0.000 χ^2/NDF: 23467771565313990

Left Out: 3.878+/-0.000 χ^2/NDF:246358464028915850445921989741772 8.0/11

In: -1.218+/-0.000 χ^2/NDF:342914810766388262

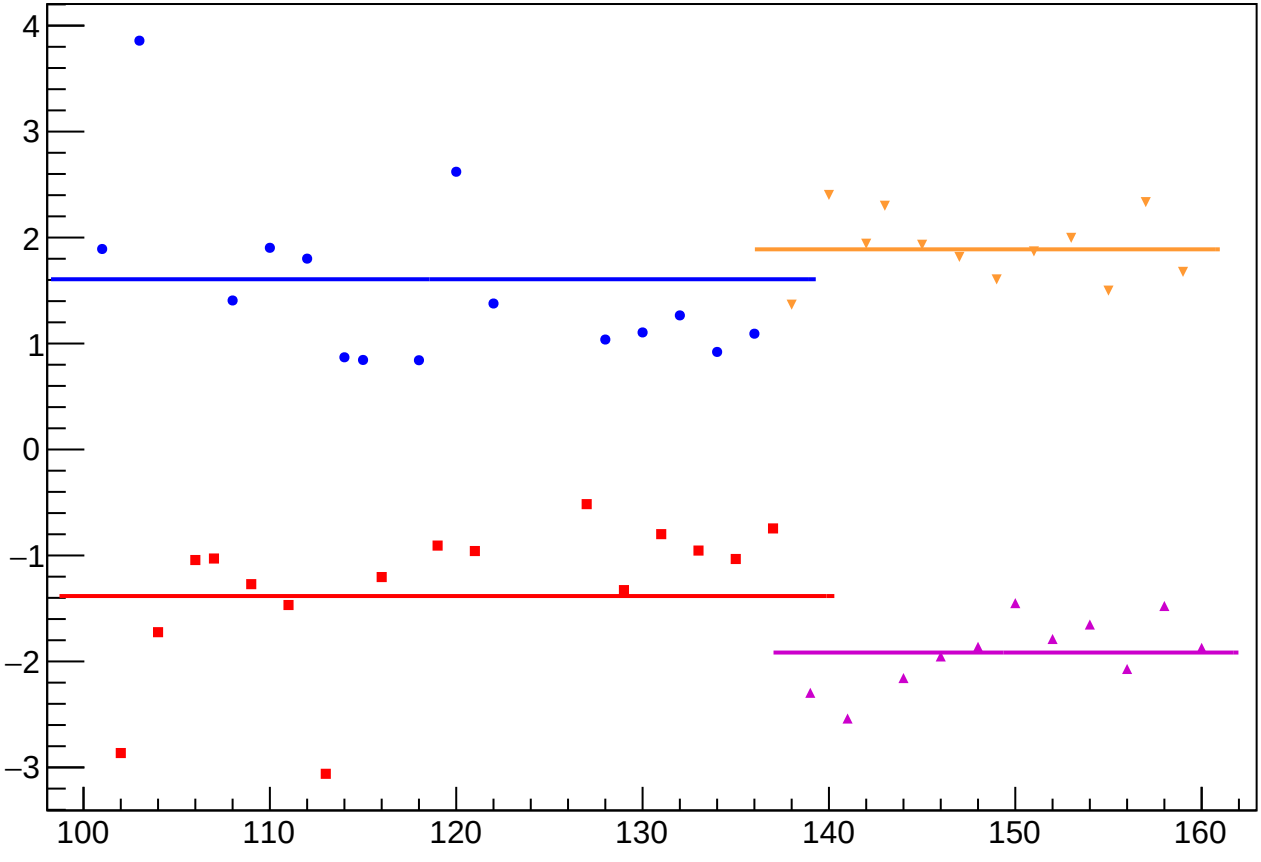
Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

Out: 0.963+/-0.000 χ^2/NDF:25811484949024746 6

Left In: -4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

All: -0.125+/-0.000 χ^2/NDF: 6385427084403

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.024+/-0.000 χ^2/NDF: 6841688132023848

Right In: 1.607+/-0.000 χ^2/NDF: 460949628640148184181205735833600.0/14

Right: 0.091+/-0.000 χ^2/NDF: 3759027904529624

Left Out: 1.889+/-0.000 χ^2/NDF:9409732606406618817758724148428 8.0/11

In: -0.463+/-0.000 χ^2/NDF:5286971171108857

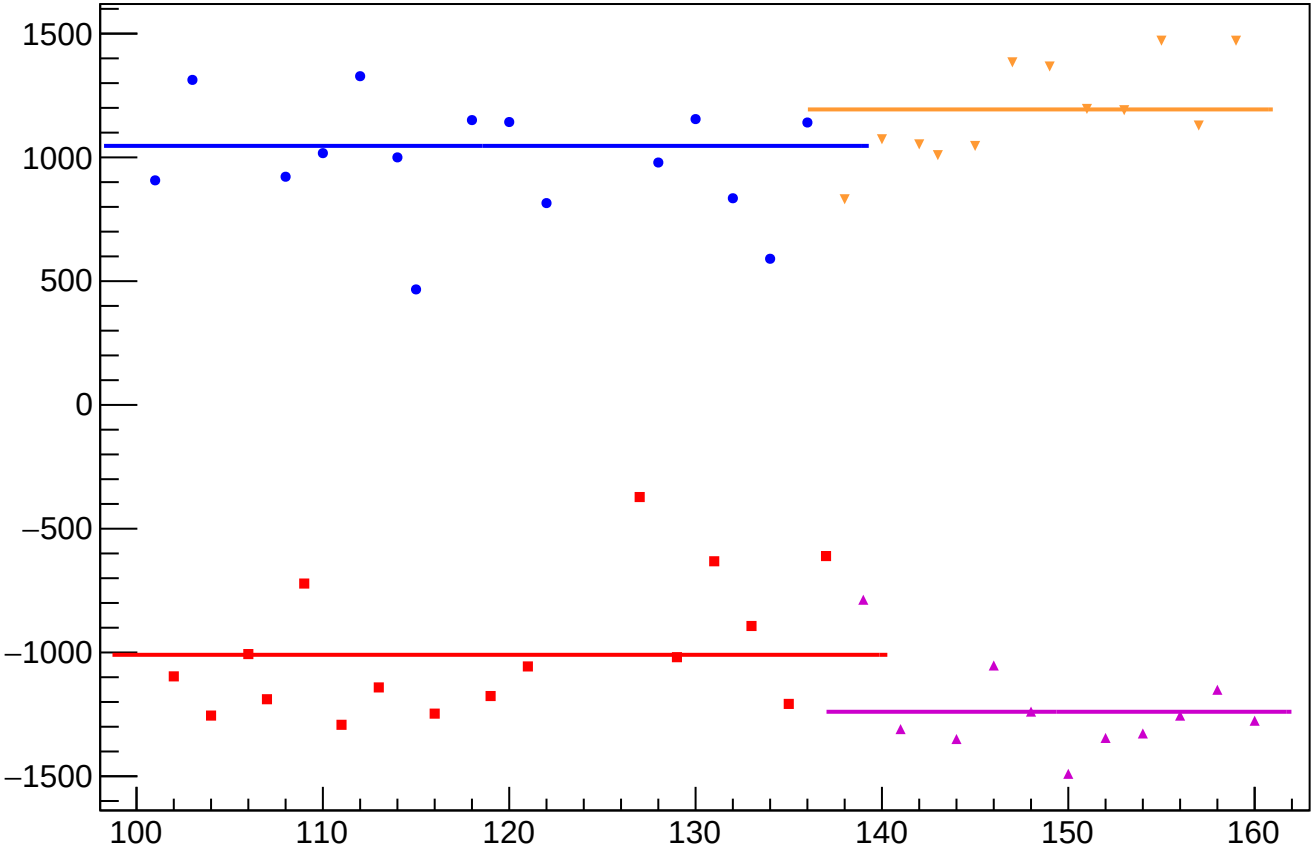
Right Out: -1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

Out: 0.509+/-0.000 χ^2/NDF:4580158091435644

Left In: -1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

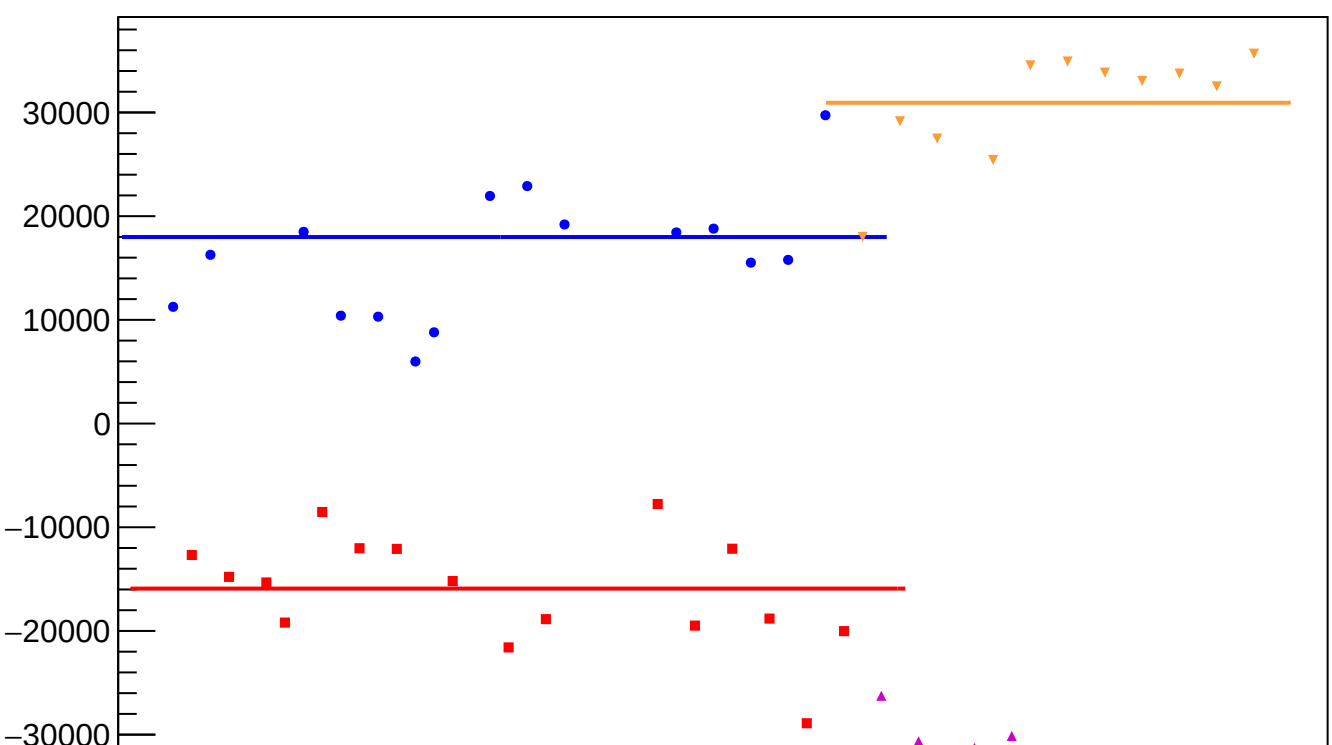
All: 0.024+/-0.000 χ^2/NDF: 1061091914309

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



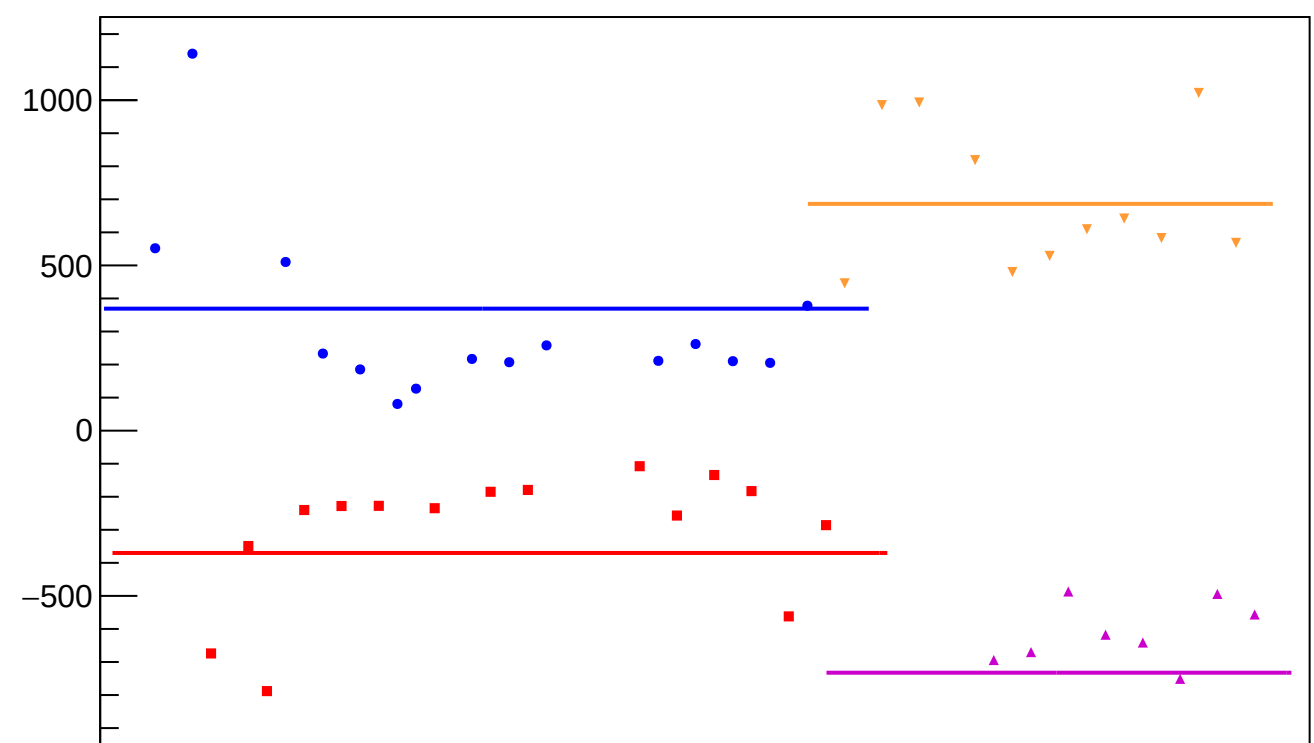
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_usl_coil1_mean vs Slug, Sign Corrected



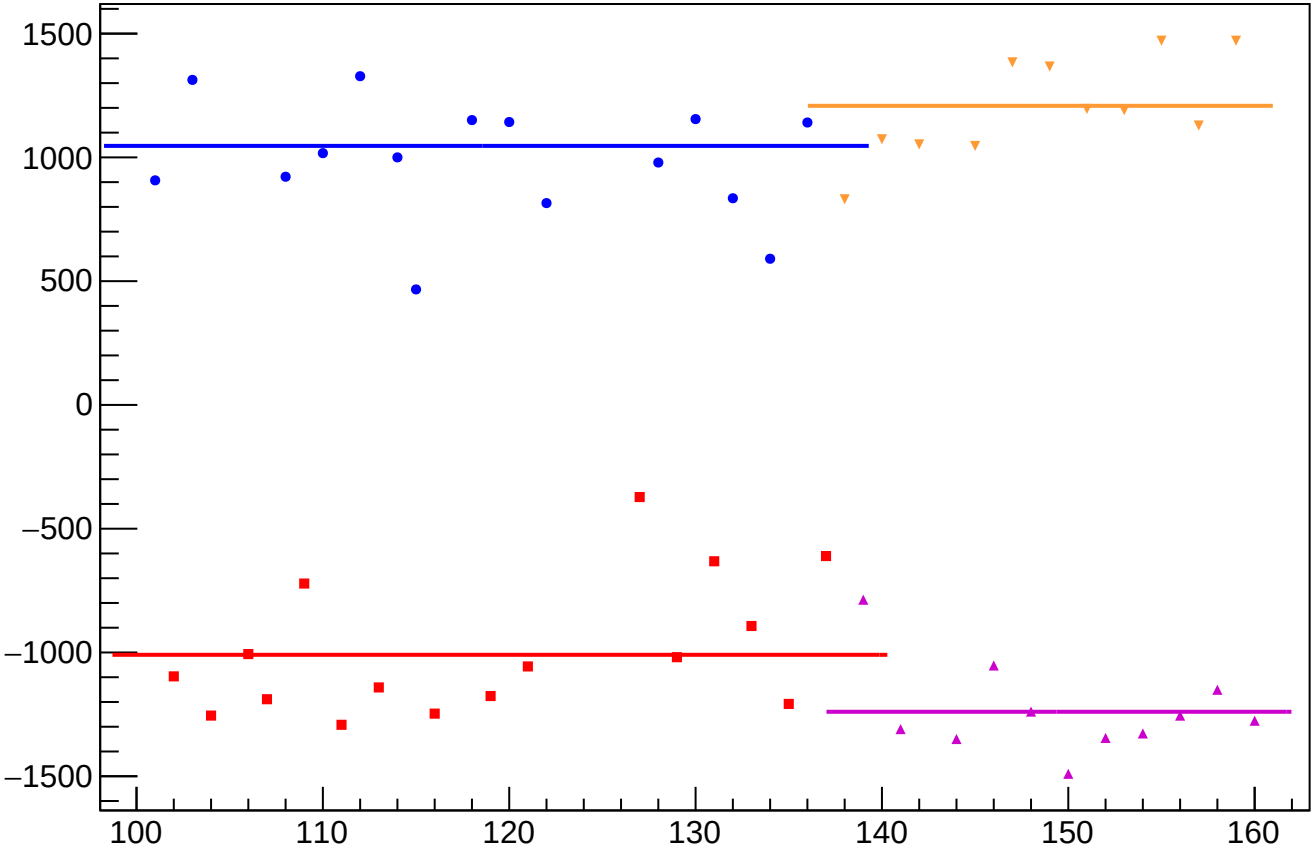
Left: -2133.218+/-0.000 χ^2/NDF: 18043574400904
Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14
Right: 804.617+/-0.000 χ^2/NDF: 422864756621879
Left Out: 30938.190+/-0.000 χ^2/NDF:222312016952578697732753691000223951749 12.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15
Out: 10296.691+/-0.000 χ^2/NDF:8613400565177 2
Left In: -32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10
All: -880.808+/-0.000 χ^2/NDF: 22337383681

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -53.927+/-0.000 χ^2/NDF: 9637444088890032
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 686.240+/-0.000 χ^2/NDF:3441723616784298376615921256251365785 6.0/10
In: -277.915+/-0.000 χ^2/NDF:5506122743016459
Right Out: -370.091+/-0.000 χ^2/NDF: 482144629070521075430370371253169029 12.0/15
Out: 220.868+/-0.000 χ^2/NDF:4990060425301362
Left In: -732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10
All: -33.290+/-0.000 χ^2/NDF: 124154771081

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -68.820+/-0.000 χ^2/NDF: 2709064239069646

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1208.342+/-0.000 χ^2/NDF:319202709490654562159551156367015280 64.0/10

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

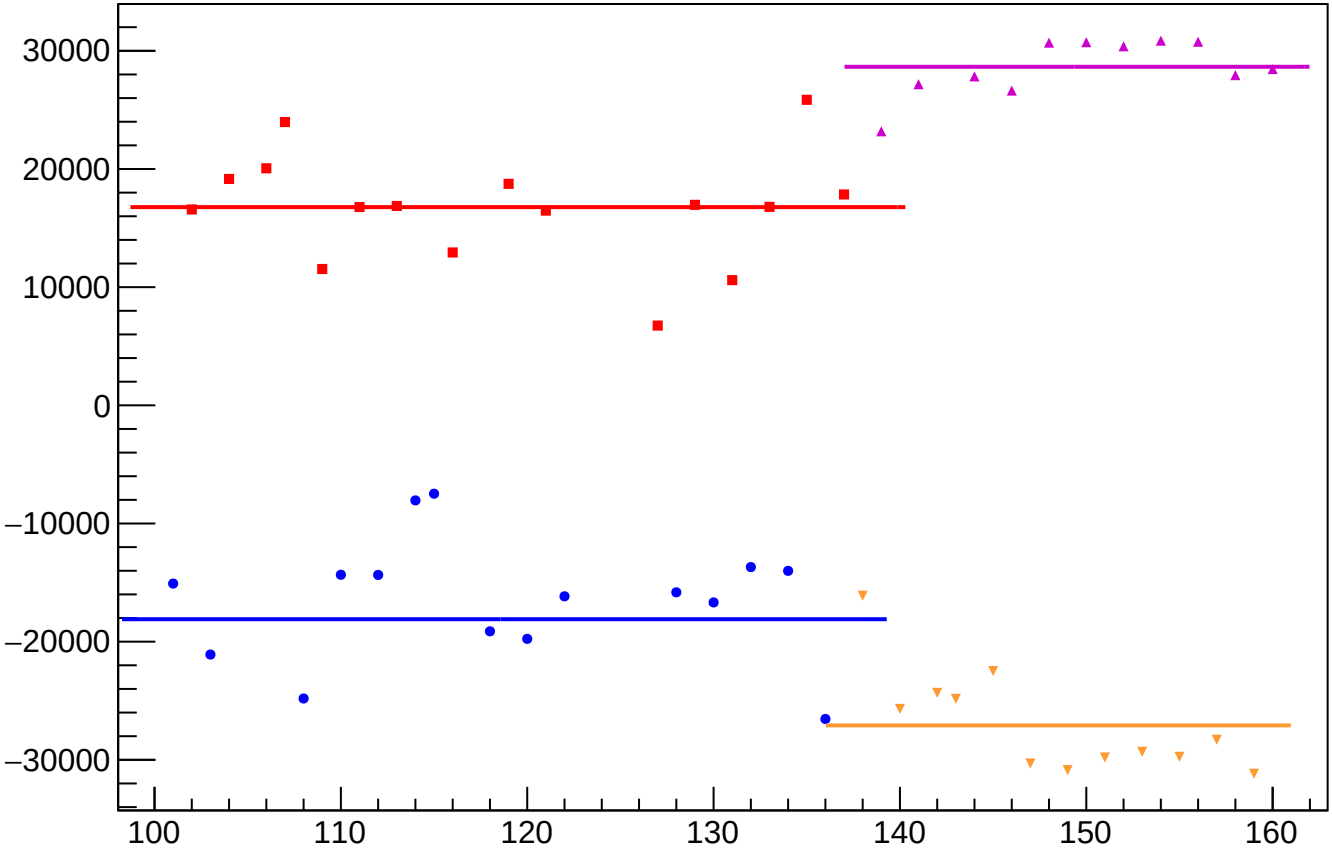
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 231.285+/-0.000 χ^2/NDF:191189164590426 4

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -37.580+/-0.000 χ^2/NDF: 41729681517 4

dit_usr_coil1_mean vs Slug, Sign Corrected



Left: 934.162+/-0.000 χ^2/NDF: 1449134260498682

Right In: -18100.637+/-0.000 χ^2/NDF: 14634967546173586967632040765428699496448.0/14

Right: -425.015+/-0.000 χ^2/NDF: 42892863582613

Left Out: -27085.326+/-0.000 χ^2/NDF:16913671790830002451724713056210492850176.0/11

In: 9361.516+/-0.000 χ^2/NDF:8527147862381255

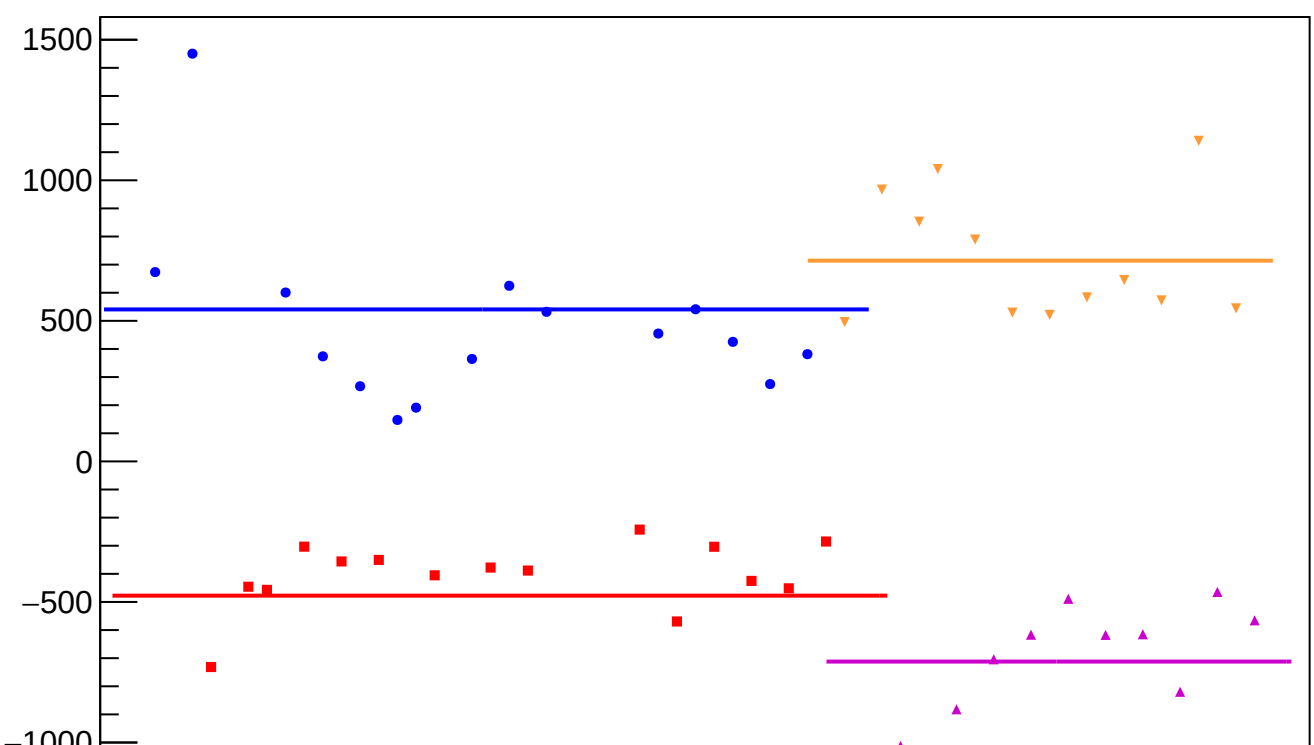
Right Out: 16773.604+/-0.000 χ^2/NDF: 14234547931135812277474342886568366178304.0/15

Out: -8581.907+/-0.000 χ^2/NDF:77289596182504

Left In: 28650.410+/-0.000 χ^2/NDF:48388275359810808267259474743447655546 88.0/10

All: 367.048+/-0.000 χ^2/NDF: 187947964191

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 714.147+/-0.000 χ^2/NDF:4316097547863146024857574592815615180 8.0/11

Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: -712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

Left: -2.853+/-0.000 χ^2/NDF: 10119212919667896

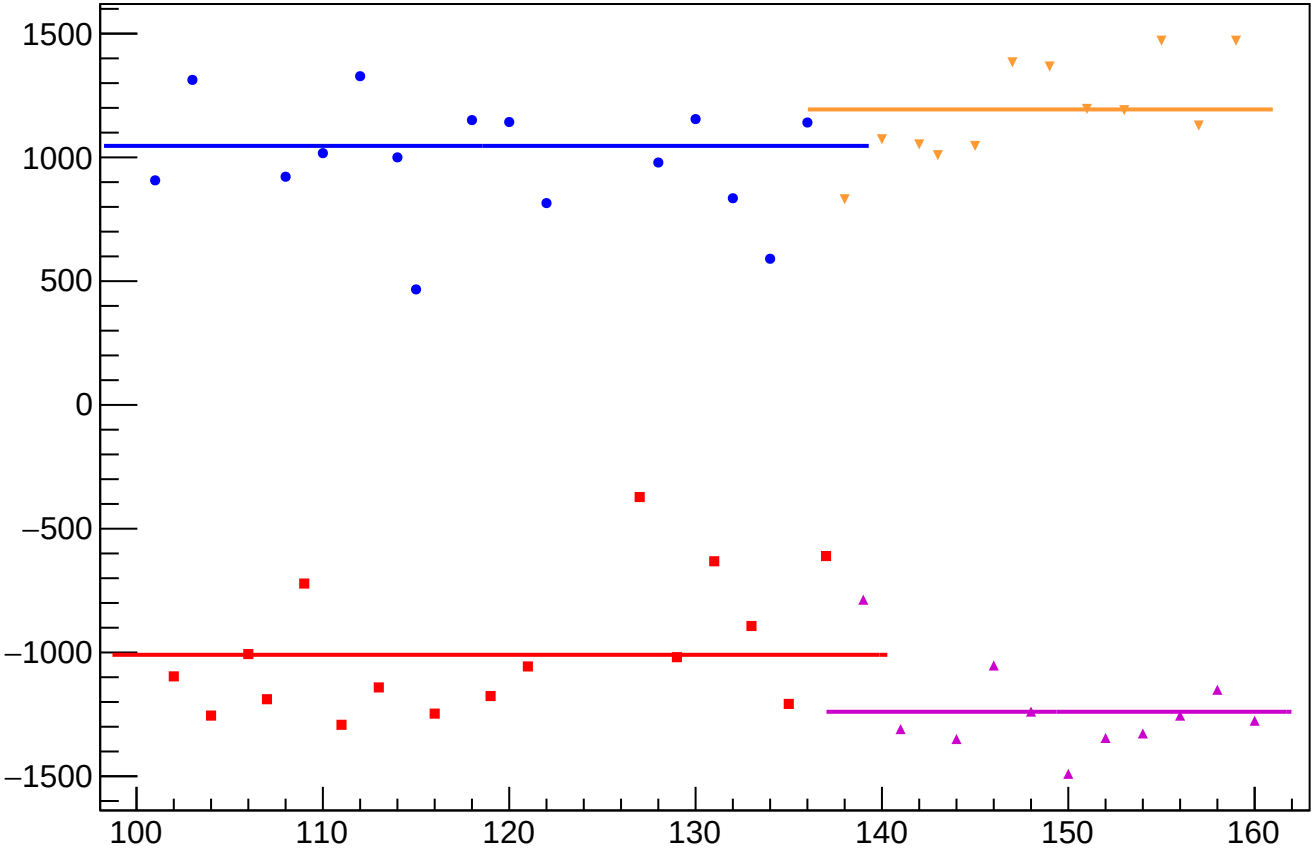
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 211.390+/-0.000 χ^2/NDF:6295663774355160

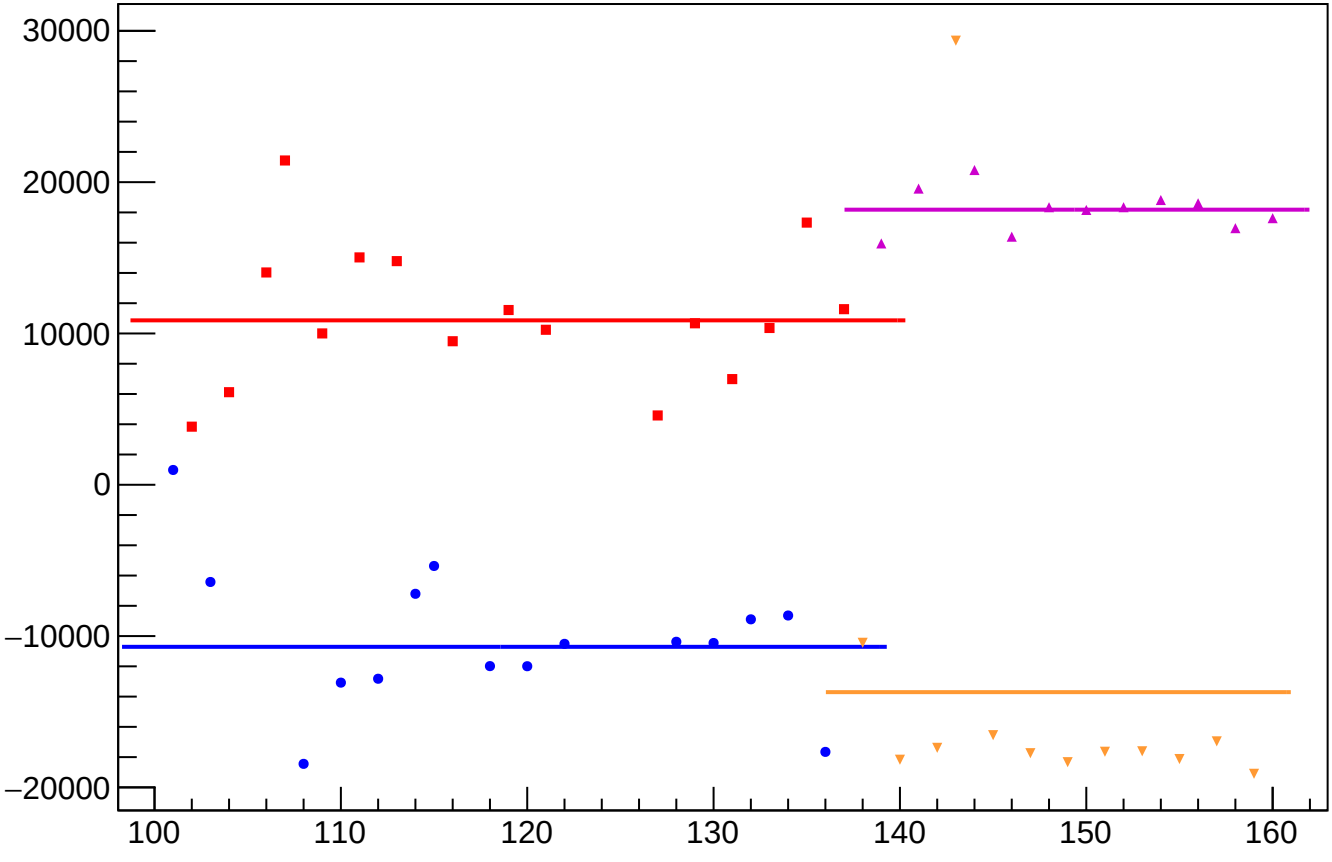
All: 8.600+/-0.000 χ^2/NDF: 14568707976042

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl1_coil1_mean vs Slug, Sign Corrected



Left: 2324.752+/-0.000 χ^2/NDF: 607066825649852

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -13705.488+/-0.000 χ^2/NDF:138226511026527050662319693841079709204480.0/11

In: 6261.113+/-0.000 χ^2/NDF:336815857232803 3

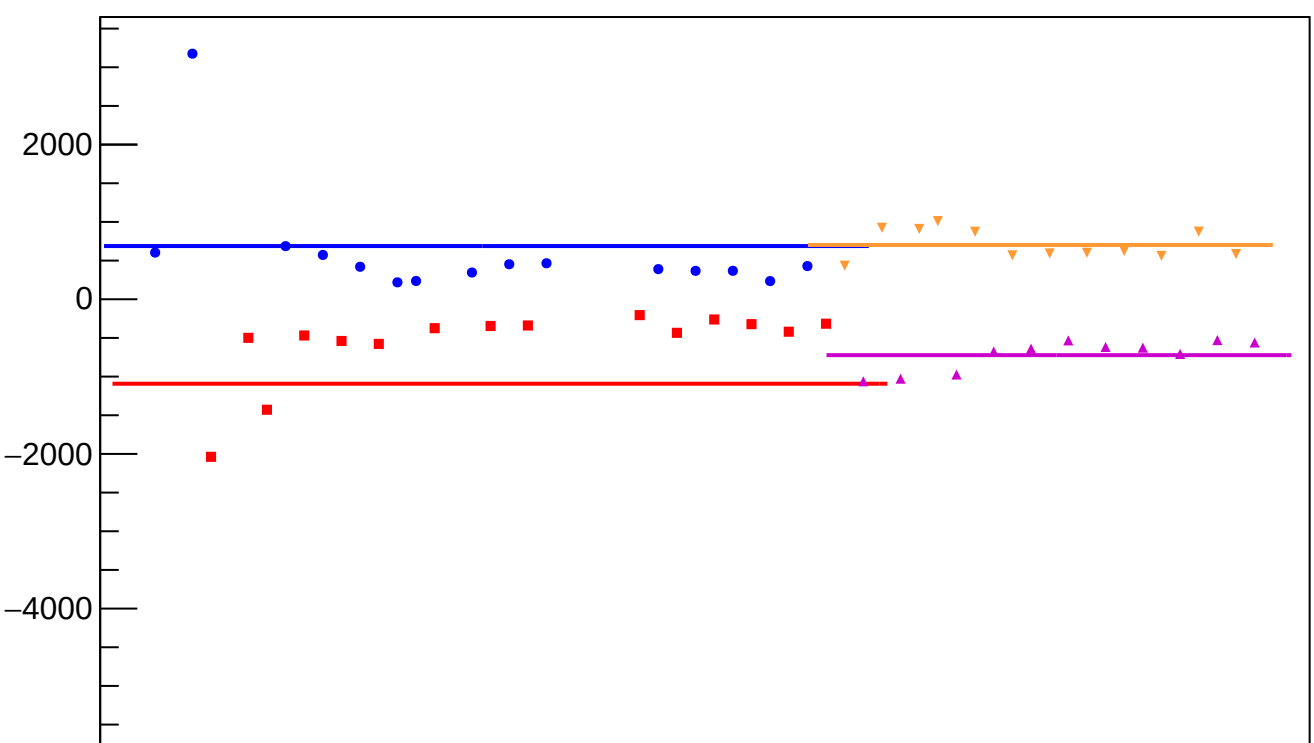
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: -3339.037+/-0.000 χ^2/NDF:38527704471172

Left In: 18181.504+/-0.000 χ^2/NDF:164361718357264786881891428916283834368 0.0/10

All: 1448.863+/-0.000 χ^2/NDF: 7947628614 2

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Left: -14.334+/-0.000 χ^2/NDF: 9951844683767870

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

Right: -214.338+/-0.000 χ^2/NDF: 33349422342847

Left Out: 701.825+/-0.000 χ^2/NDF:290117524522646242642824485730988851 20.0/11

In: -140.714+/-0.000 χ^2/NDF:1201648470022181

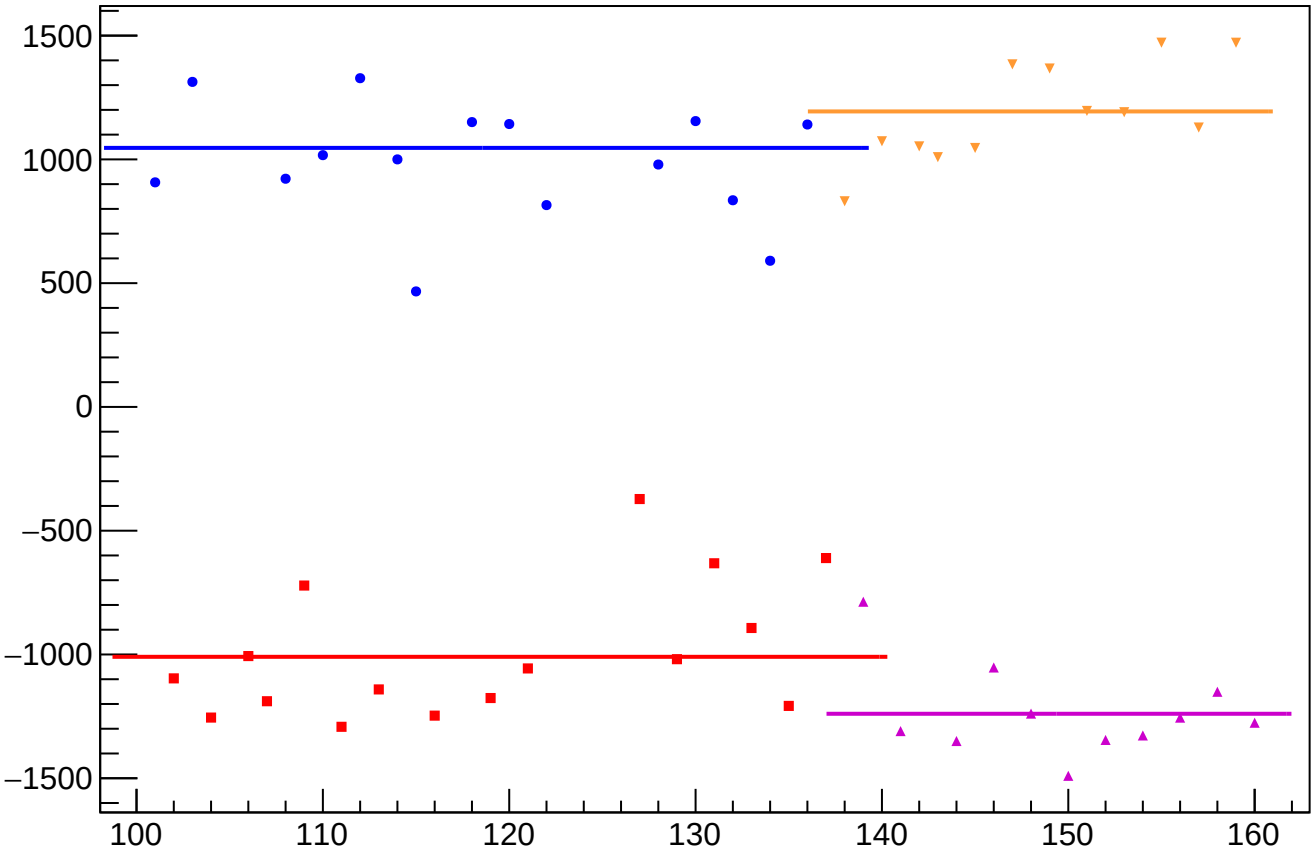
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

Out: -55.074+/-0.000 χ^2/NDF:3153372442385616

Left In: -722.743+/-0.000 χ^2/NDF:3369313711651394807786033041053528883 2.0/10

All: -97.785+/-0.000 χ^2/NDF: 436080381727

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

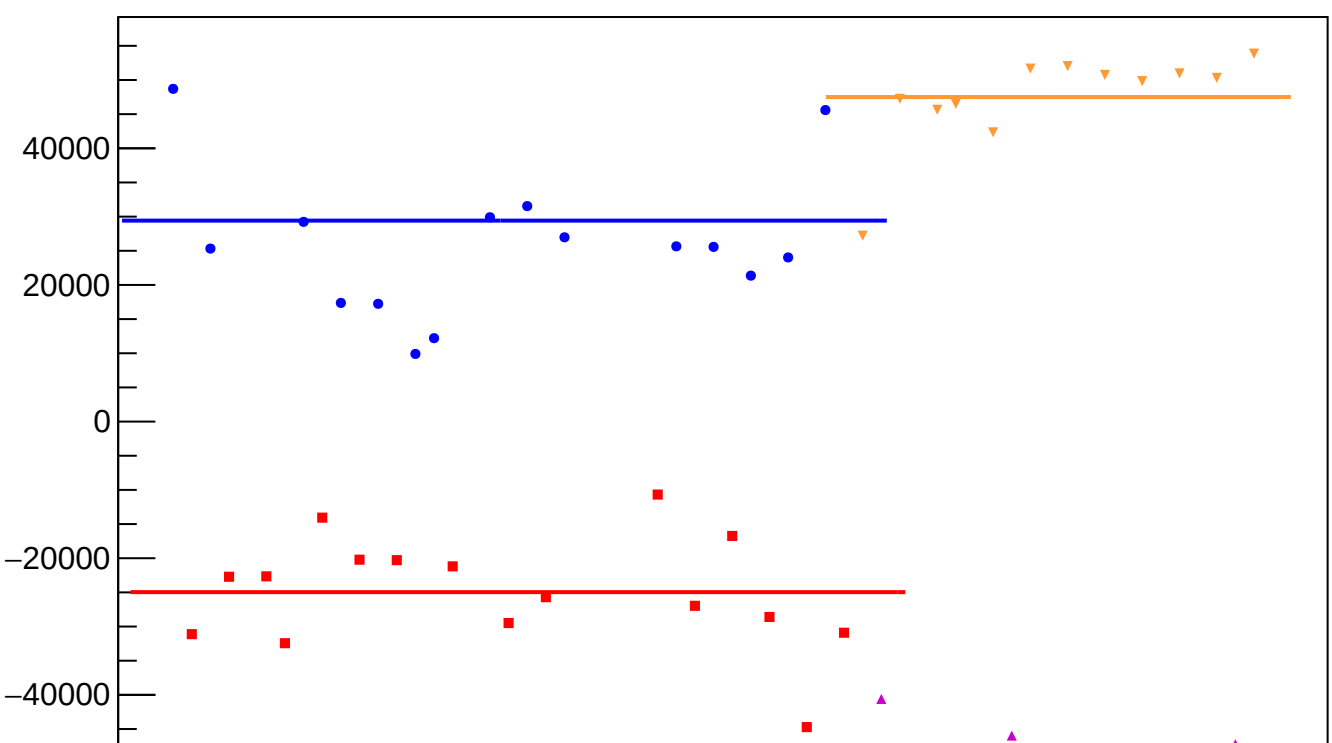
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl2_coil1_mean vs Slug, Sign Corrected



Left: -1505.264+/-0.000 χ^2/NDF: 44236547320359

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 47501.916+/-0.000 χ^2/NDF:435917153349338016455651998367617667563 52.0/11

In: -17223.492+/-0.000 χ^2/NDF:2488559220268 4

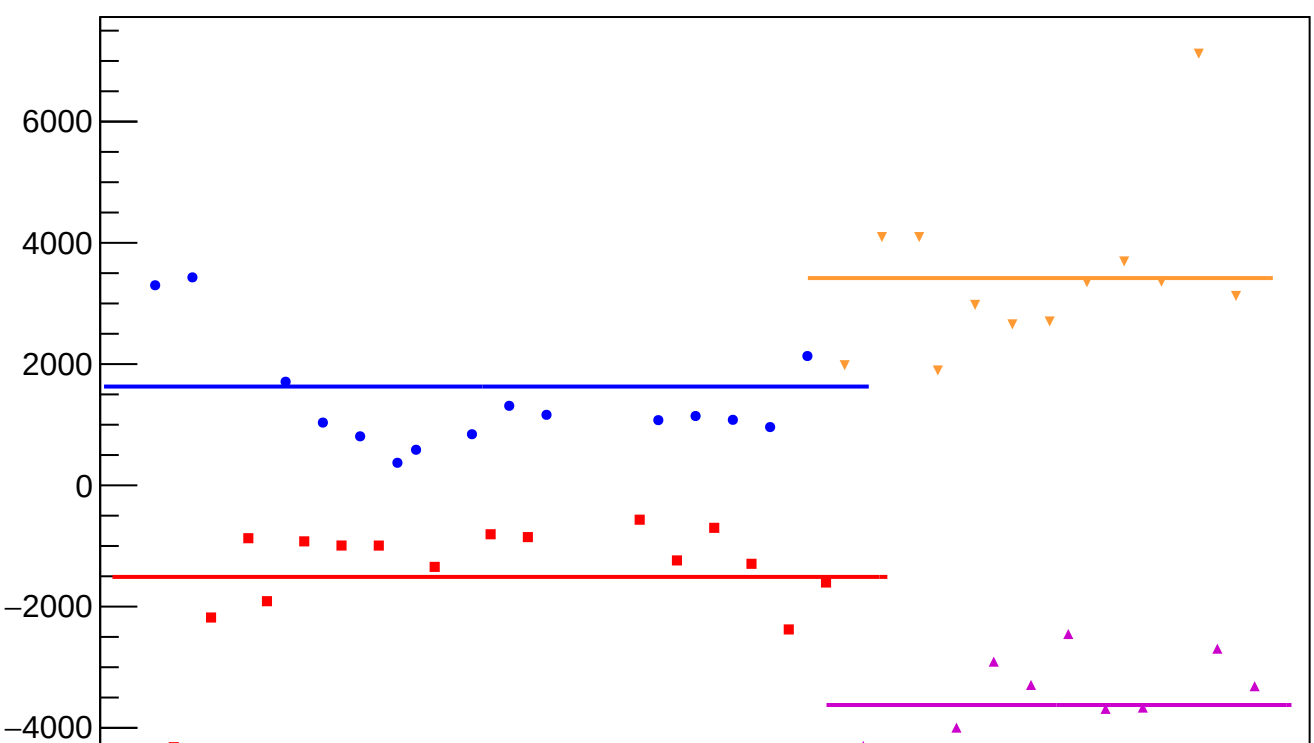
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561 4208.0/15

Out: 16930.059+/-0.000 χ^2/NDF:211408733919 29

Left In: -49982.063+/-0.000 χ^2/NDF:135058210193056038461211213447179702108 16.0/10

All: -103.402+/-0.000 χ^2/NDF: 5522398326 8

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191360/14

Left Out: 3418.927+/-0.000 χ^2/NDF:1575515144069936231955966928879934767104.0/11

Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Left In: -3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

Left: -121.241+/-0.000 χ^2/NDF: 248991886844976

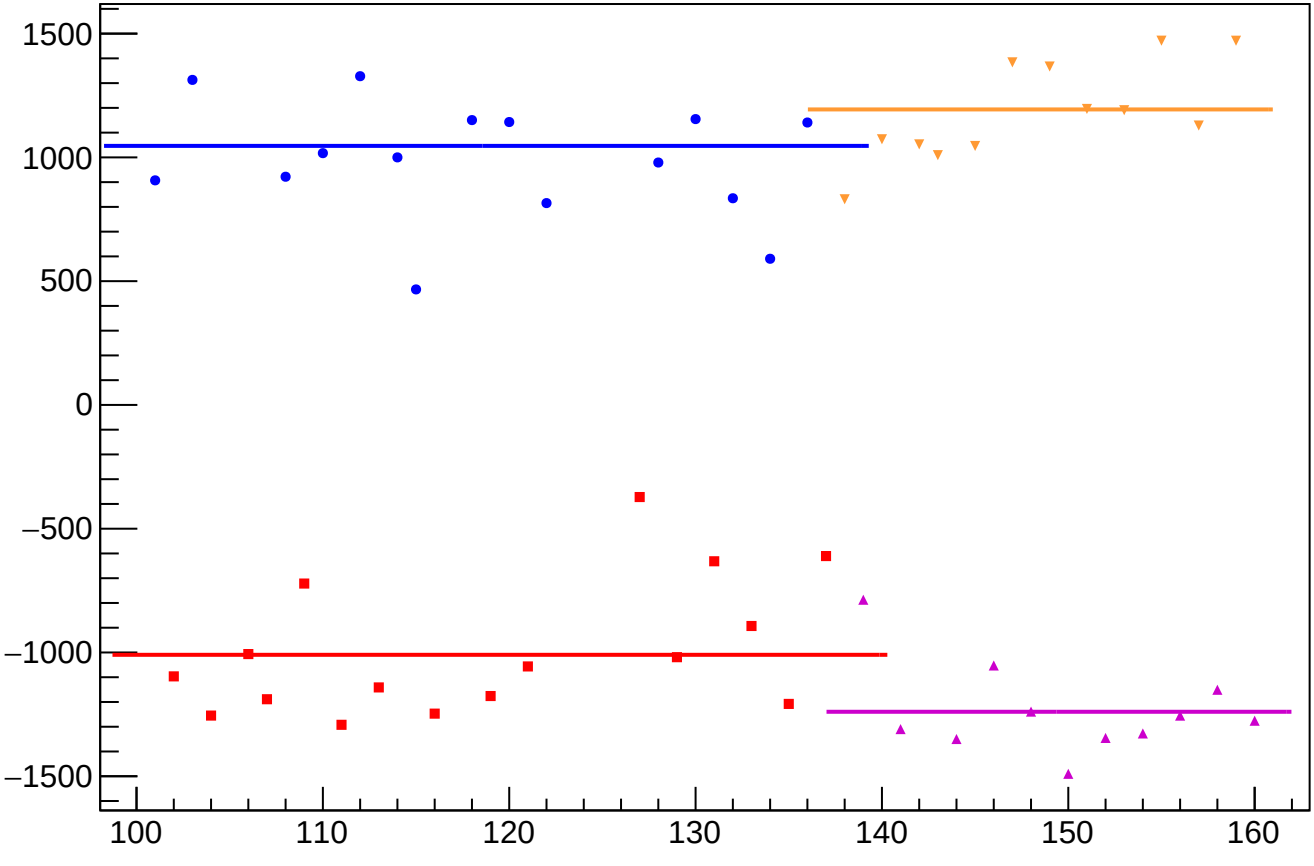
Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1339.363+/-0.000 χ^2/NDF:116328176360275

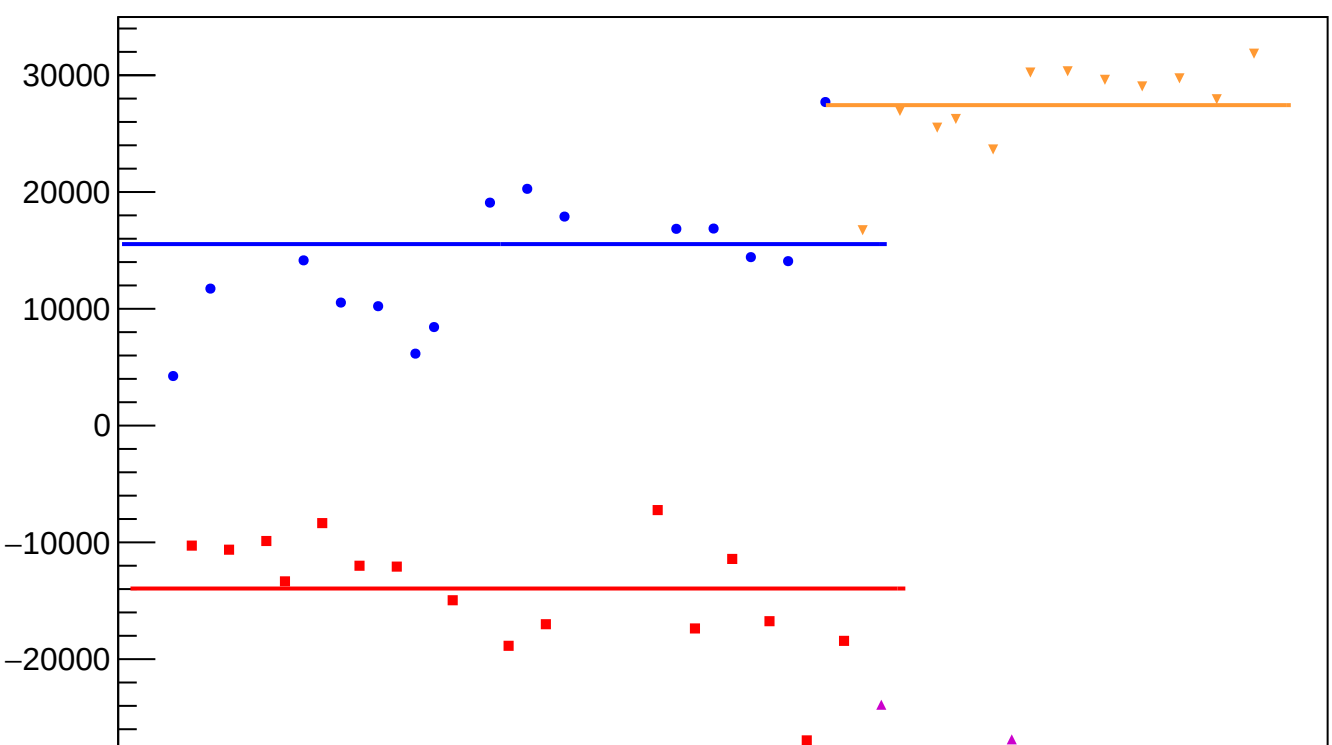
All: -54.735+/-0.000 χ^2/NDF: 294015037802

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



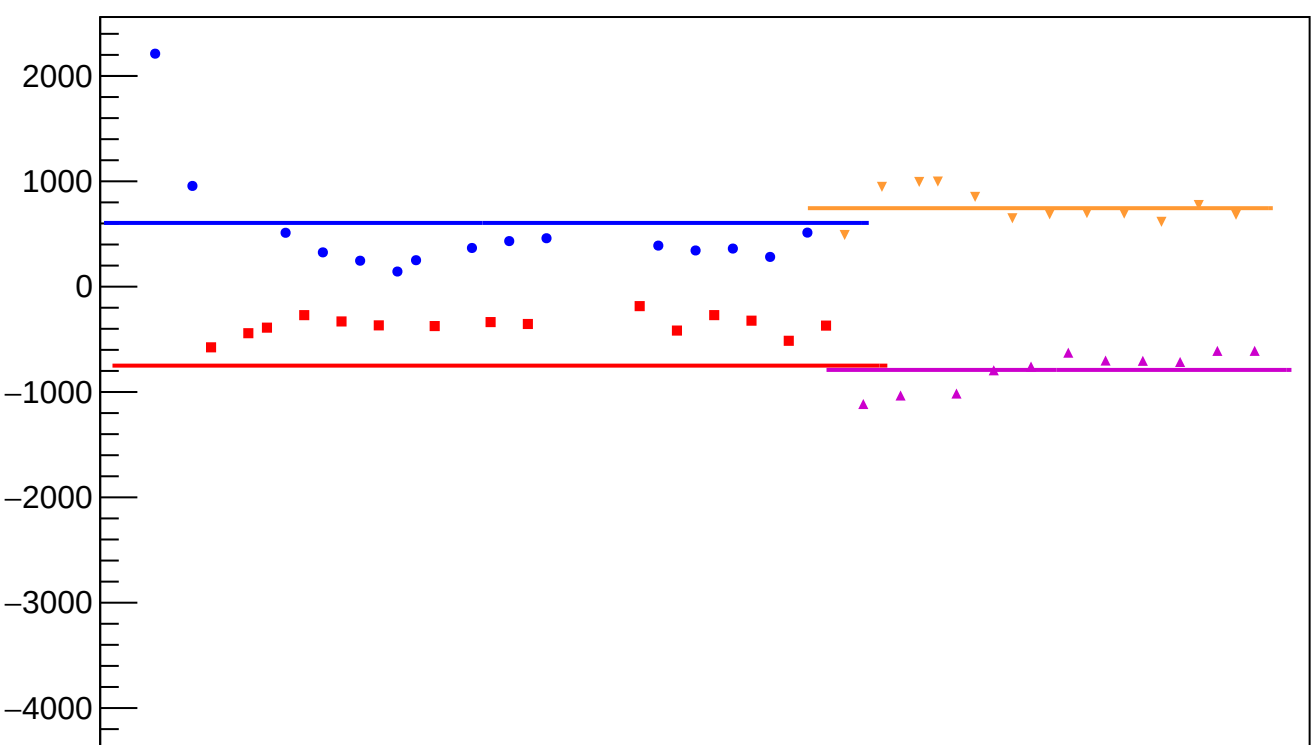
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr1_coil1_mean vs Slug, Sign Corrected



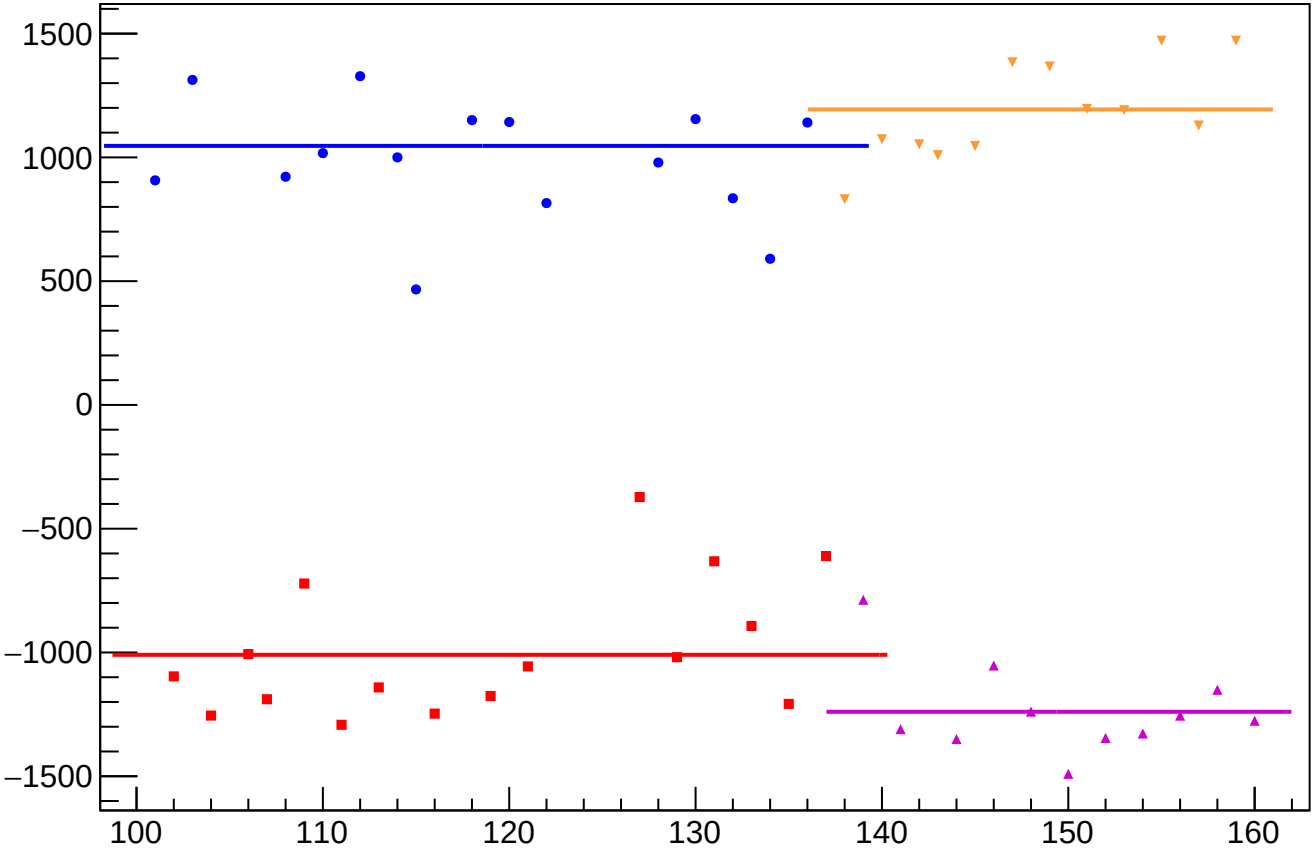
Left: -874.291+/-0.000 χ^2/NDF: 147554500401251
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 9977.204+/-0.000 χ^2/NDF:691834785196318
Left In: -28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10
All: -262.152+/-0.000 χ^2/NDF: 18076481618

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



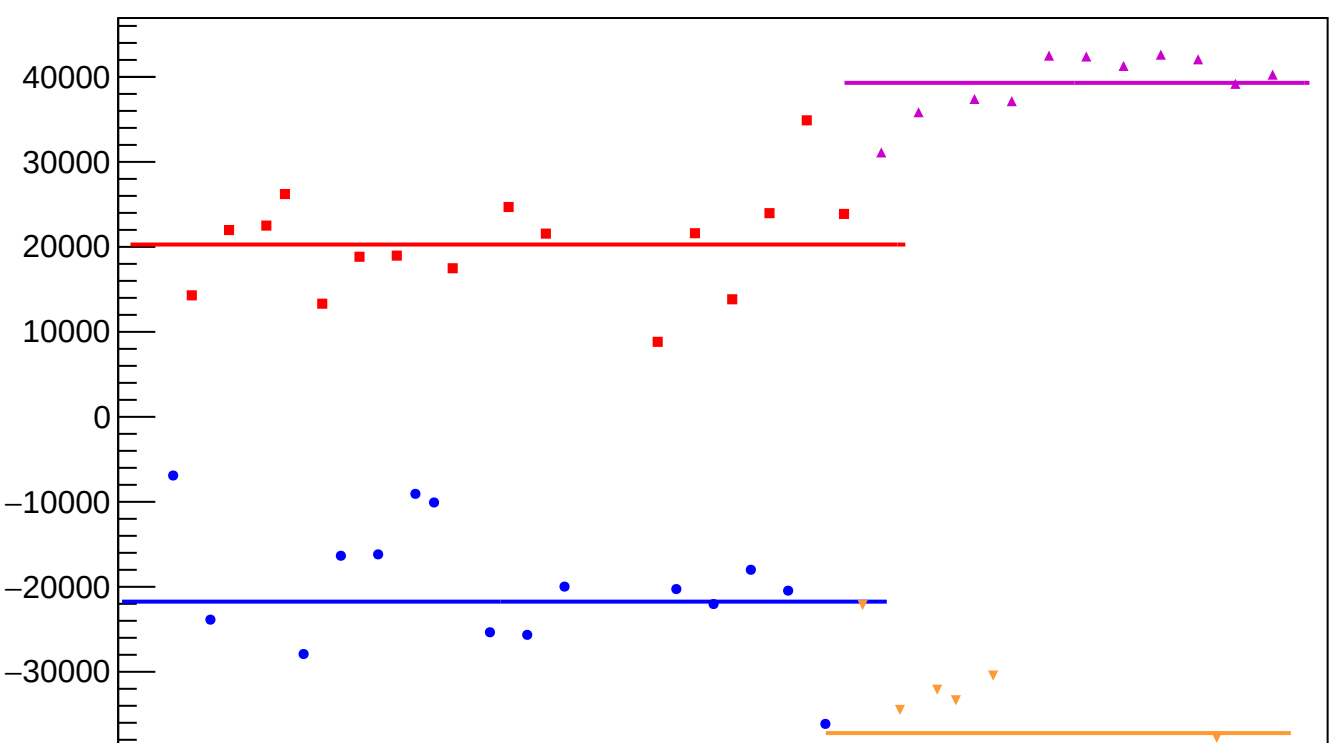
Left: -26.826+/-0.000 χ^2/NDF: 1129978912753072
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 744.985+/-0.000 χ^2/NDF:1957145398427896171993624787054444126 72.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 4
Right Out: -749.582+/-0.000 χ^2/NDF: 1021358768377495935693748779804344188928.0/15
Out: 114.449+/-0.000 χ^2/NDF:190226279150661 6
Left In: -790.283+/-0.000 χ^2/NDF:2737599516301156010134916694943780044 8.0/10
All: -49.654+/-0.000 χ^2/NDF: 29466320745 7

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



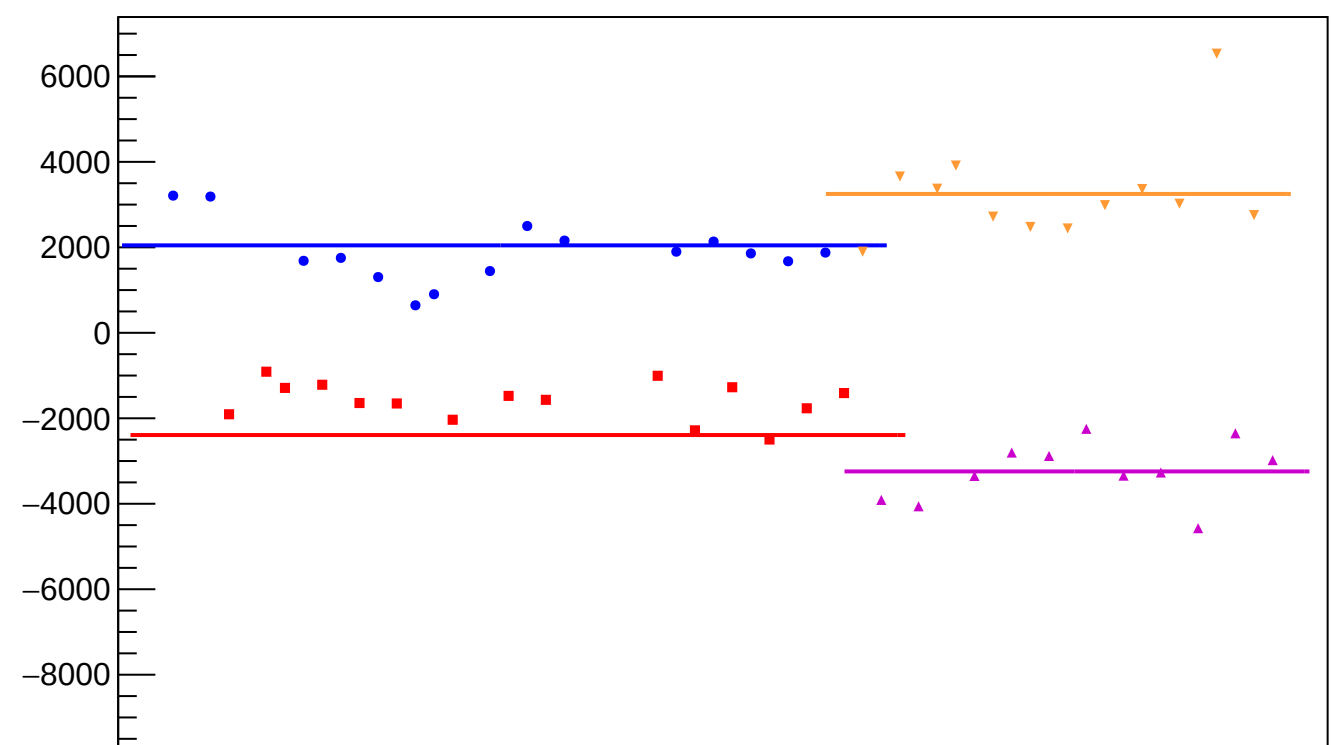
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr2_coil1_mean vs Slug, Sign Corrected



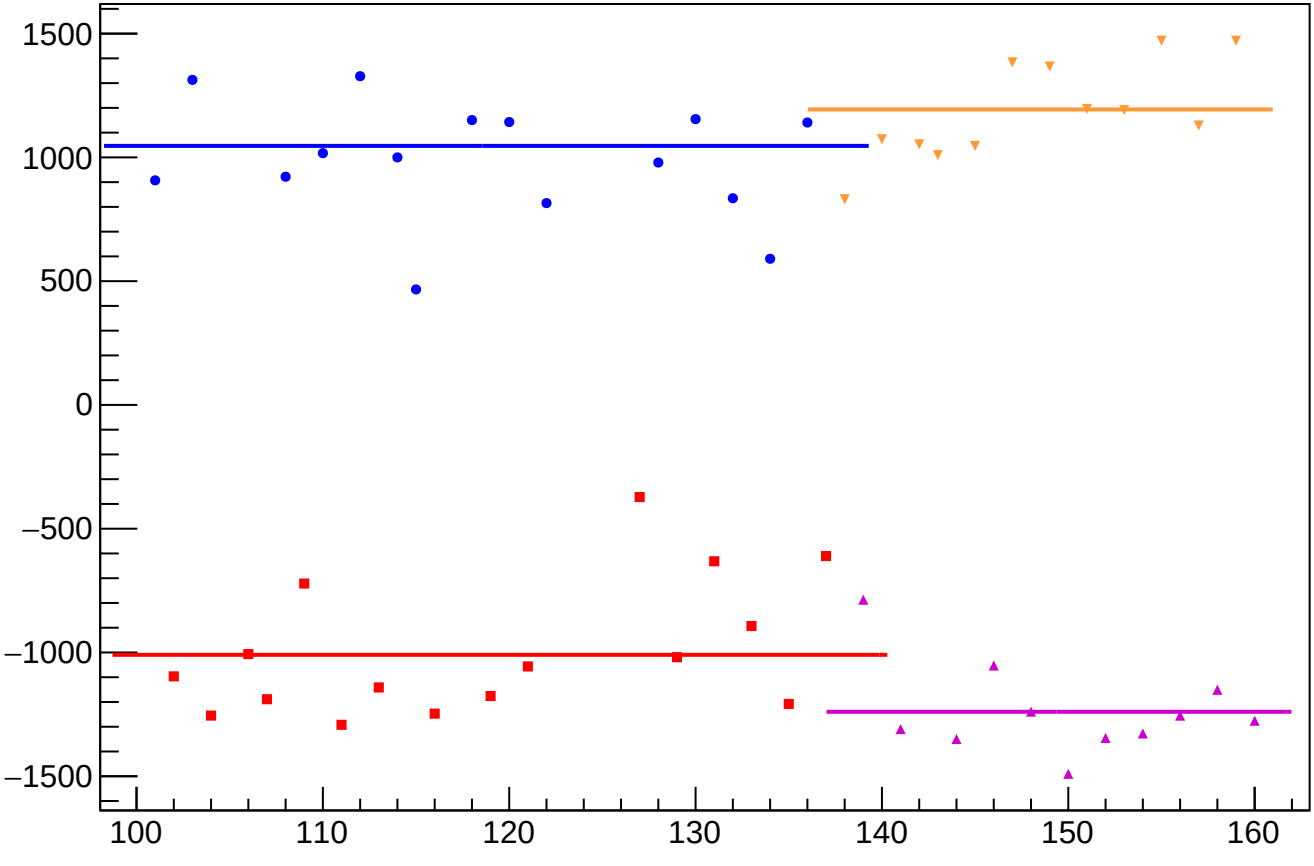
Left: 1253.360+/-0.000 χ^2/NDF: 273699578436603
Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
Right: -446.610+/-0.000 χ^2/NDF: 64780902874572
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
In: 14114.985+/-0.000 χ^2/NDF:147263048816292
Right Out: 20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
Out: -12958.212+/-0.000 χ^2/NDF:1336456927560
Left In: 39301.203+/-0.000 χ^2/NDF:108905571958284806558508731561164522127 36.0/10
All: 544.051+/-0.000 χ^2/NDF: 33870210816 3

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Left: -14.745+/-0.000 χ^2/NDF: 2098375424202943
Right In: 2046.354+/-0.000 χ^2/NDF: 2665555159273488920368330583552263454 72.0/14
Right: -203.146+/-0.000 χ^2/NDF: 11161426338405
Left Out: 3249.314+/-0.000 χ^2/NDF:1190726211956001849078073092083852247040.0/11
In: -1060.961+/-0.000 χ^2/NDF:113570353346731
Right Out: -2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15
Out: 869.355+/-0.000 χ^2/NDF:1787734182120147
Left In: -3243.479+/-0.000 χ^2/NDF:4227523458095644148759411154532308090 88.0/10
All: -93.355+/-0.000 χ^2/NDF: 321724014891

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

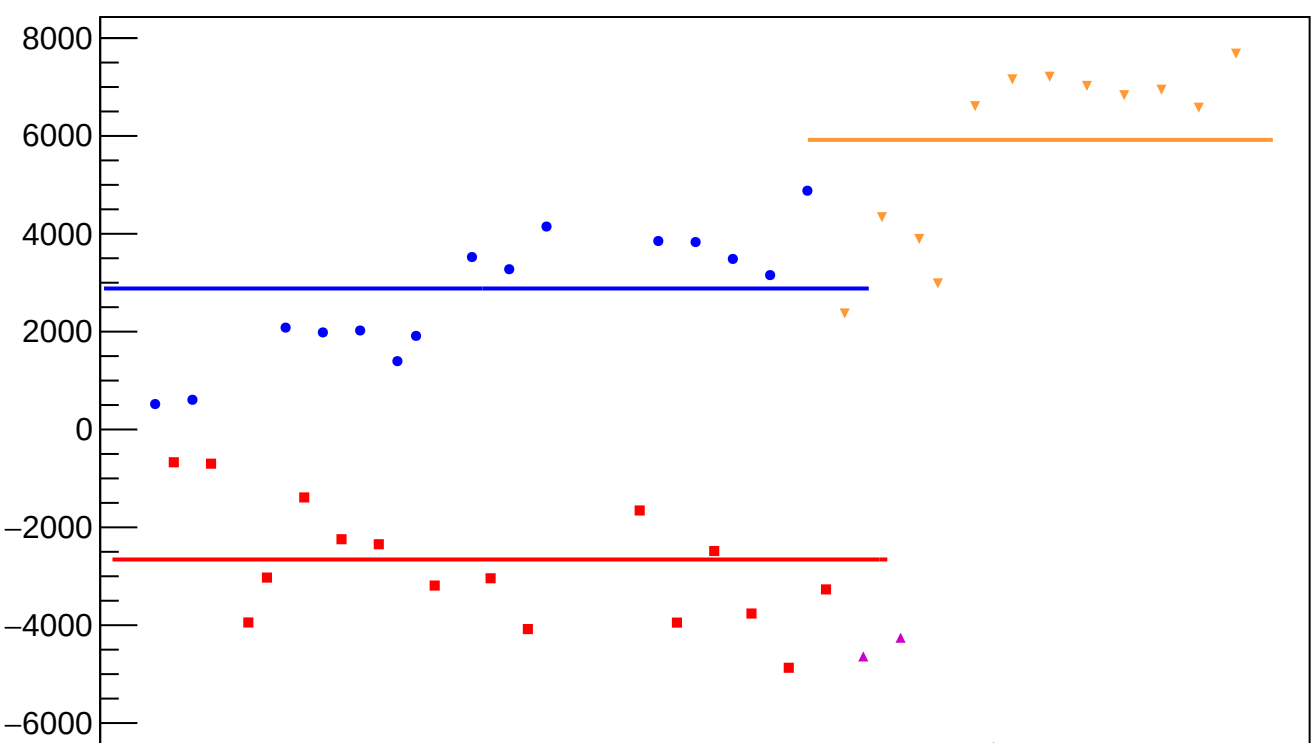
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

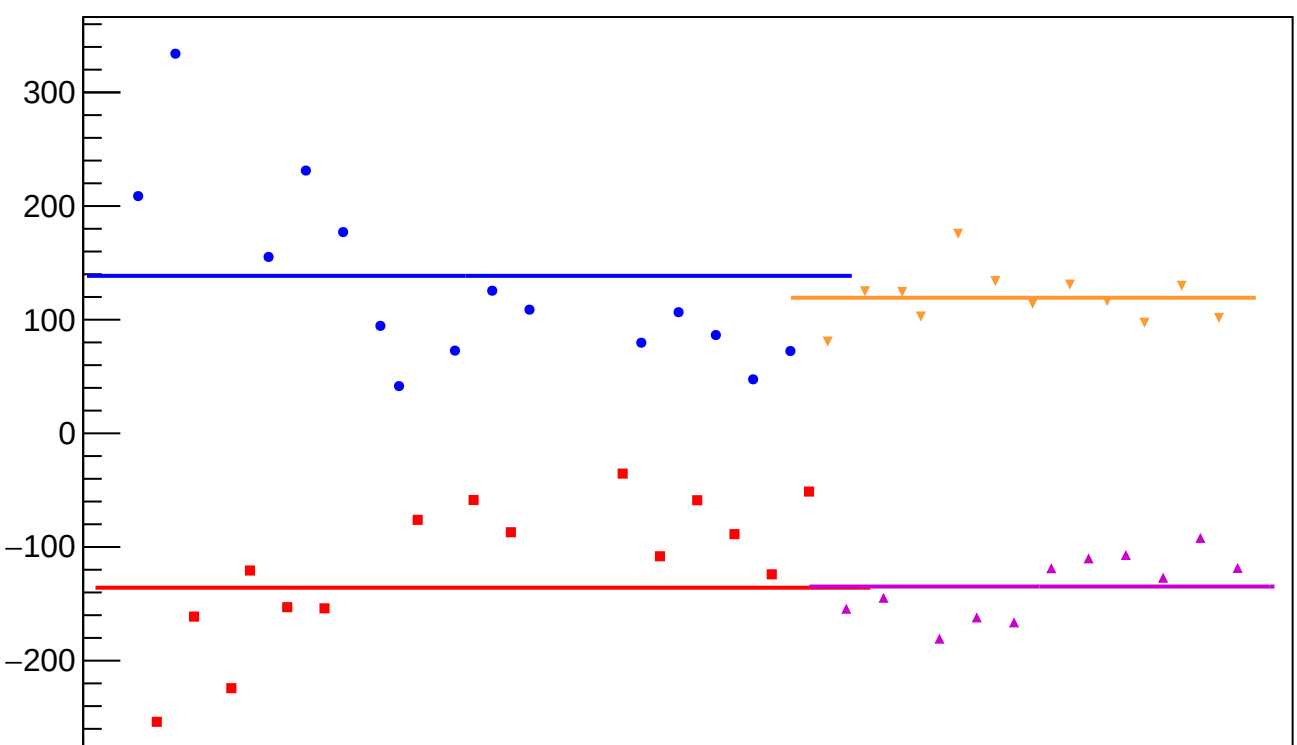
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam1_coil1_mean vs Slug, Sign Corrected



Left: -338.449+/-0.000 χ^2/NDF: 749205499962240
Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14
Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623
Left Out: 5919.511+/-0.000 χ^2/NDF:27790727000248458270279812401769857679 36.0/11
In: -2645.979+/-0.000 χ^2/NDF:360226231142325
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15
Out: 2301.245+/-0.000 χ^2/NDF:32219834427088 1
Left In: -6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10
All: -166.093+/-0.000 χ^2/NDF: 8754089406 5

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Left: -8.443+/-0.000 χ^2/NDF: 30837594704815501

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 119.282+/-0.000 χ^2/NDF:4878457793952178791538152939852922 88.0/11

In: -21.999+/-0.000 χ^2/NDF:3342043565586624 5

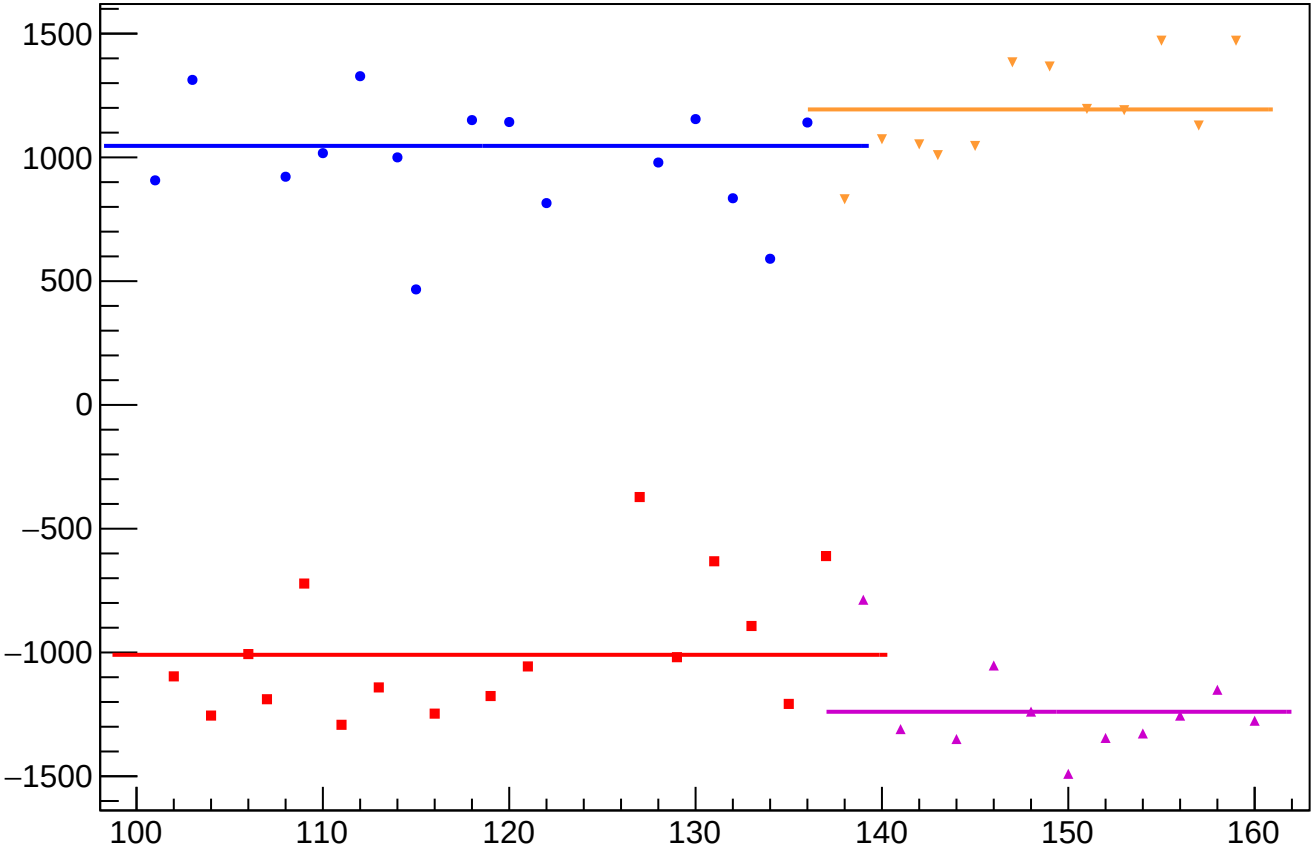
Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.663+/-0.000 χ^2/NDF:2953589609078656 4

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

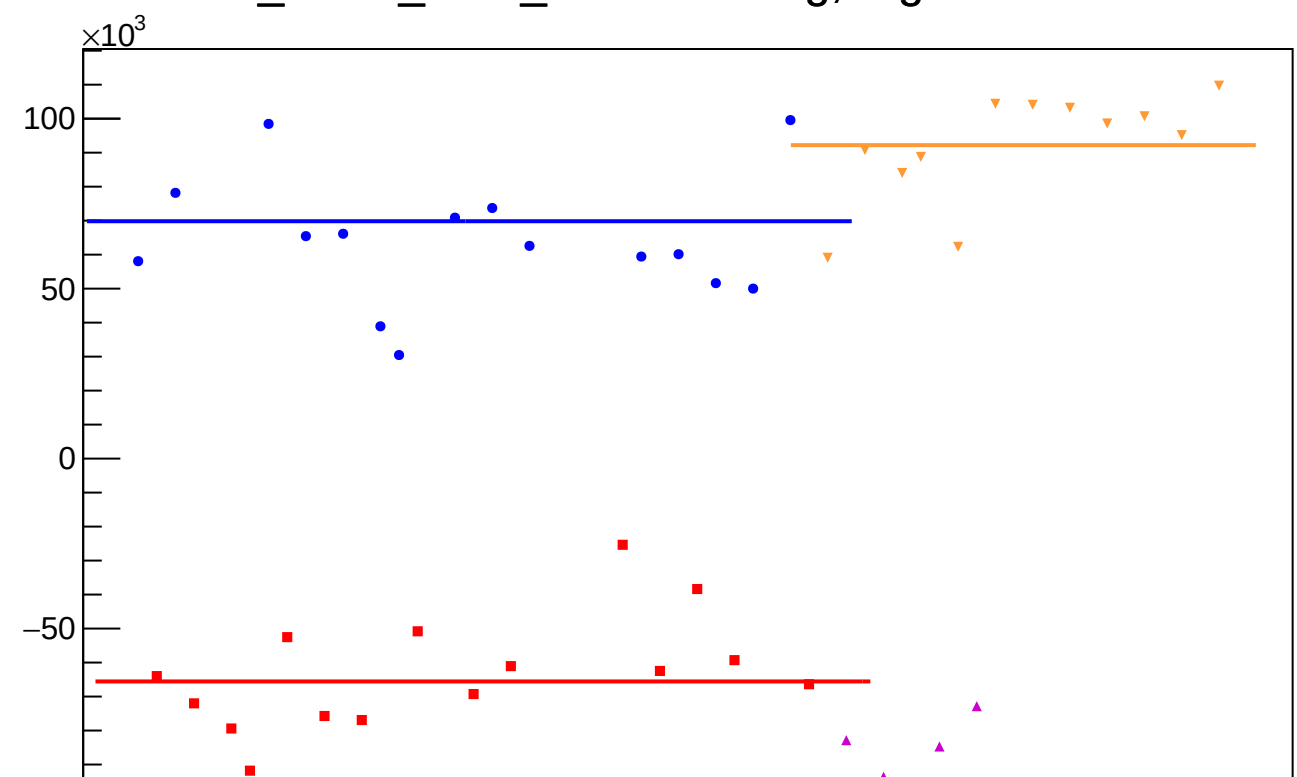
All: -5.125+/-0.000 χ^2/NDF: 6384982584601

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam2_coil1_mean vs Slug, Sign Corrected



Left: -2280.673+/-0.000 χ^2/NDF: 16562150487200

Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 92210.698+/-0.000 χ^2/NDF:22657747665780758520208376768536028957900 8.0/11

In: -27434.339+/-0.000 χ^2/NDF:10741931116501

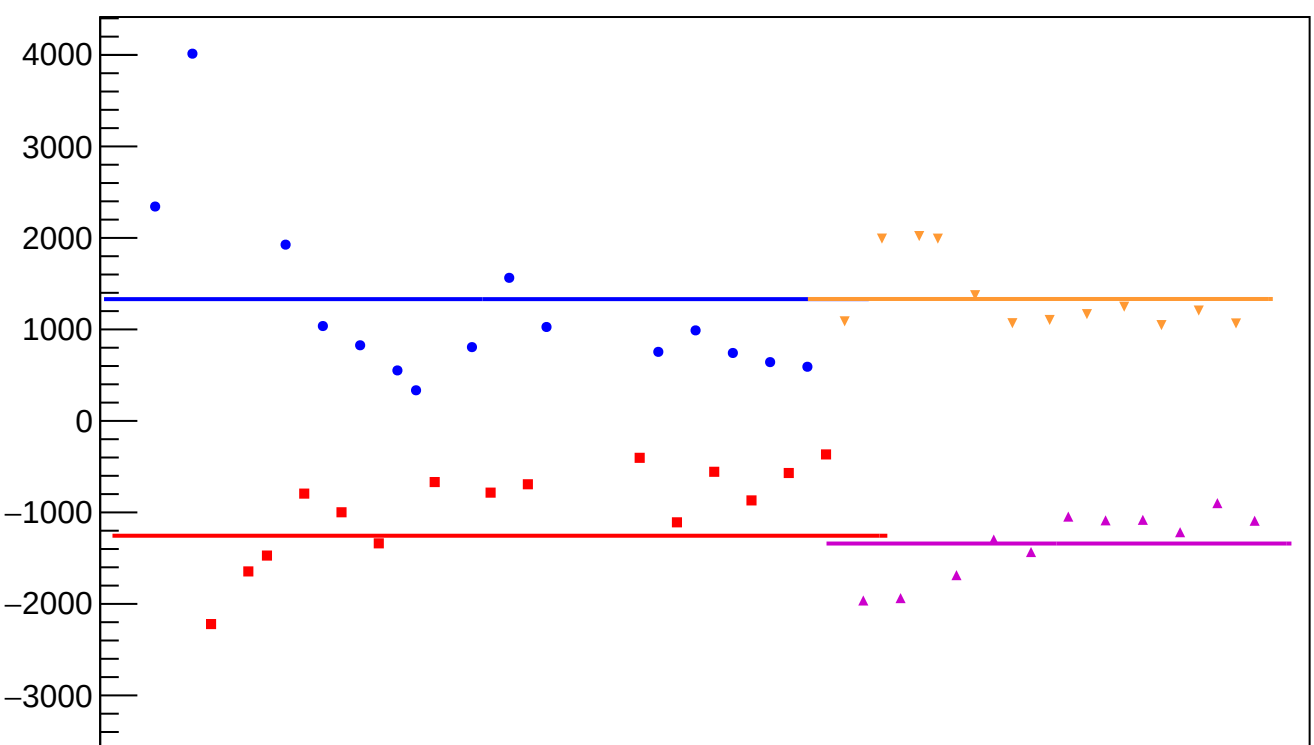
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25651.673+/-0.000 χ^2/NDF:10036256154988

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

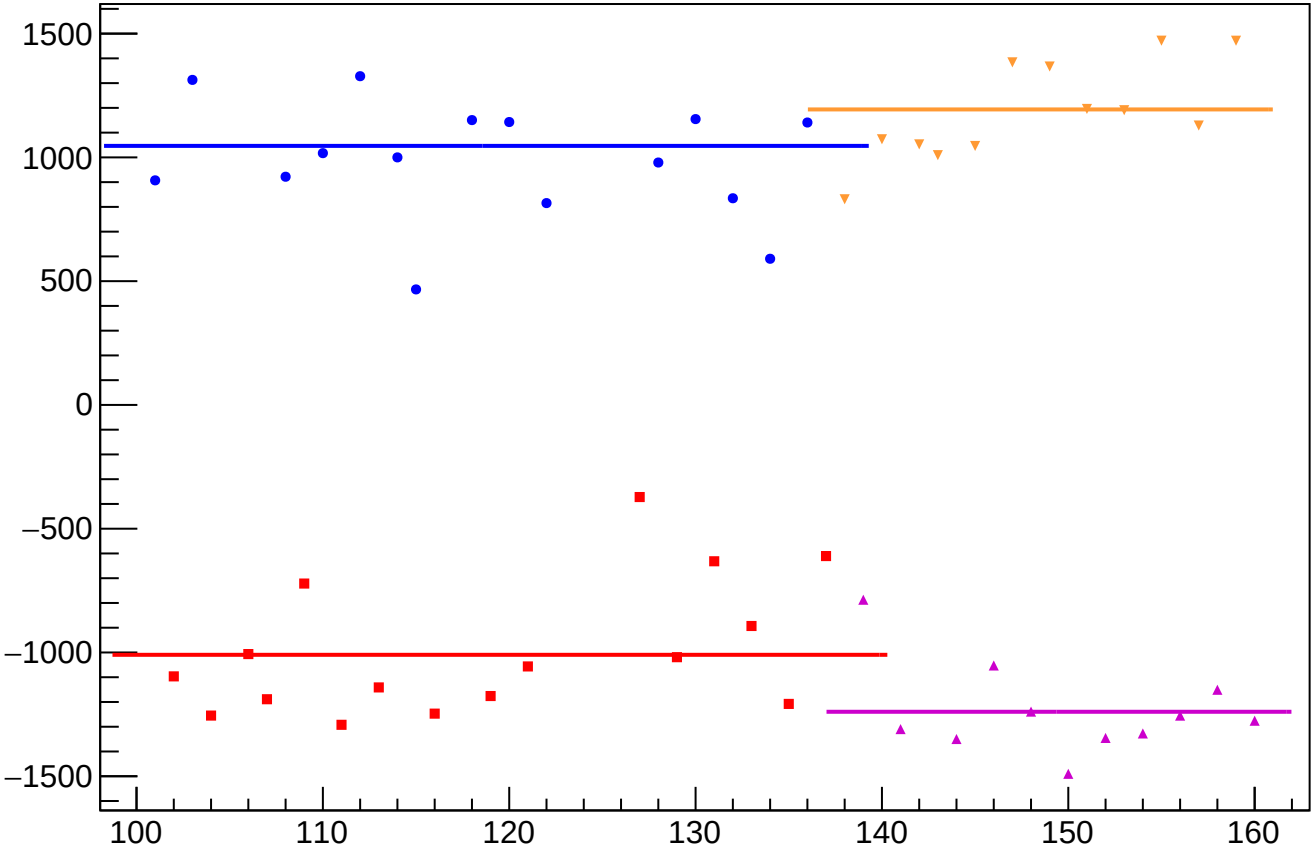
All: -824.008+/-0.000 χ^2/NDF: 23000264296

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



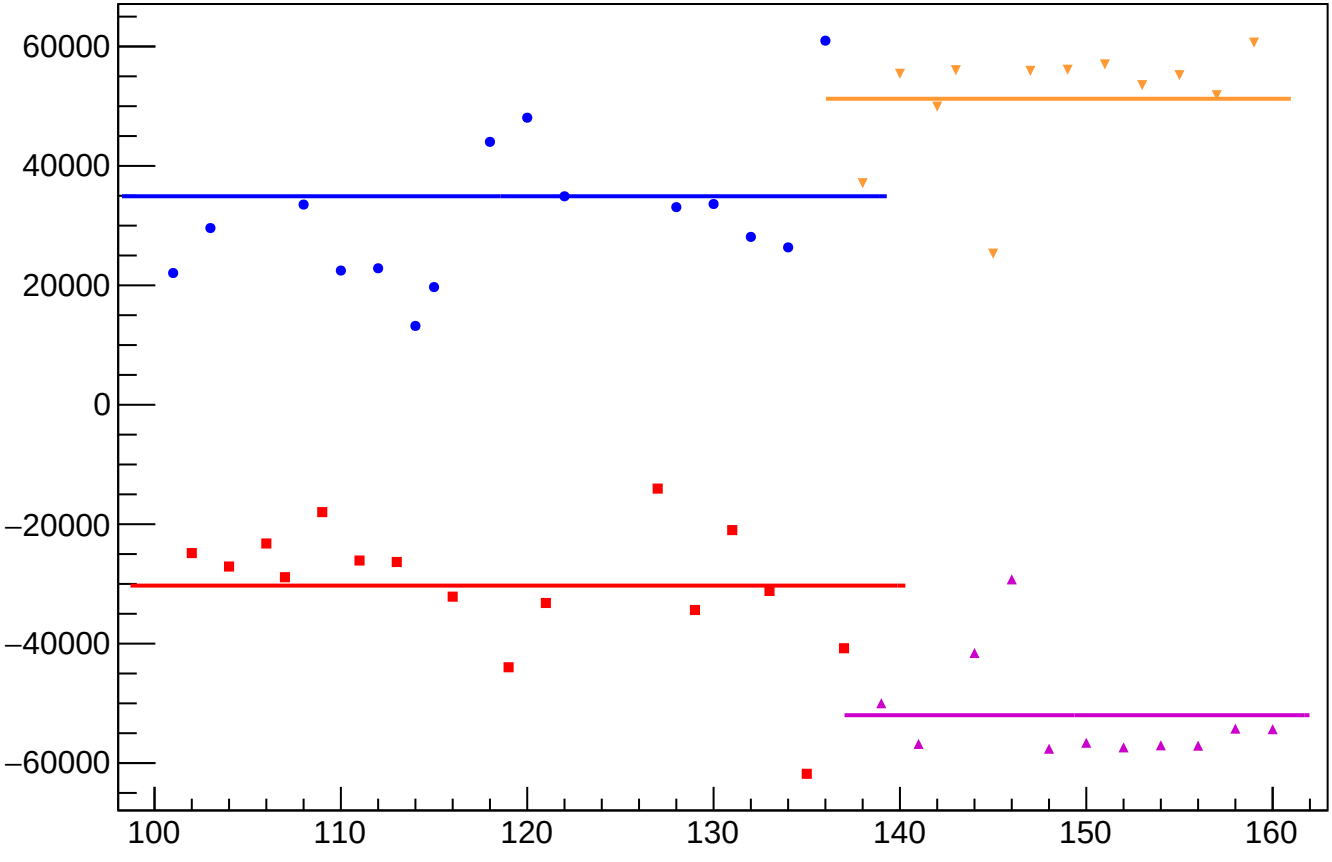
Left: -11.029+/-0.000 χ^2/NDF: 3514334276820303
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617656 32.0/15
Out: 241.025+/-0.000 χ^2/NDF:3331380531893128
Left In: -1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777093 12.0/10
All: 2.067+/-0.000 χ^2/NDF: 6996159053055

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam3_coil1_mean vs Slug, Sign Corrected



Left: -650.230+/-0.000 χ^2/NDF: 505001138848268

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 51246.568+/-0.000 χ^2/NDF:8616854061410244506204695466860253439590 4.0/11

In: -16129.428+/-0.000 χ^2/NDF:30528033173327

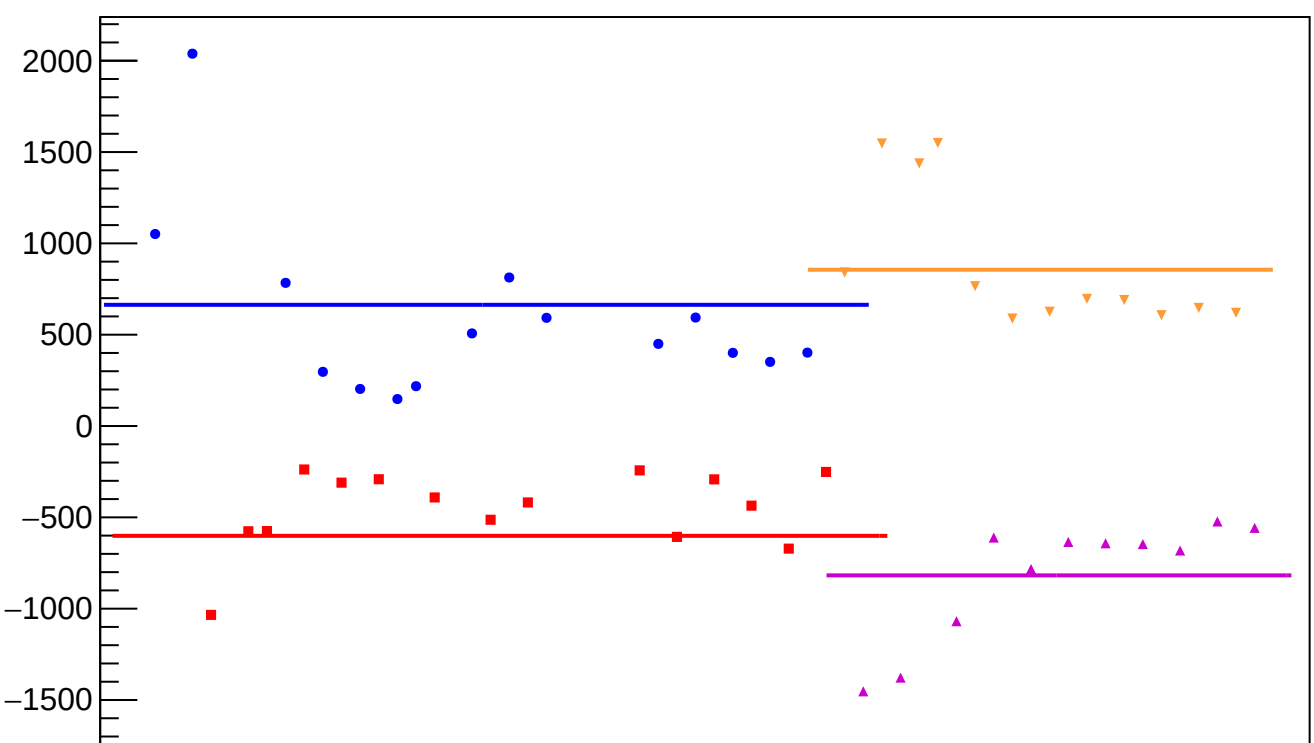
Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Out: 16850.740+/-0.000 χ^2/NDF:2737604183227 1

Left In: -51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

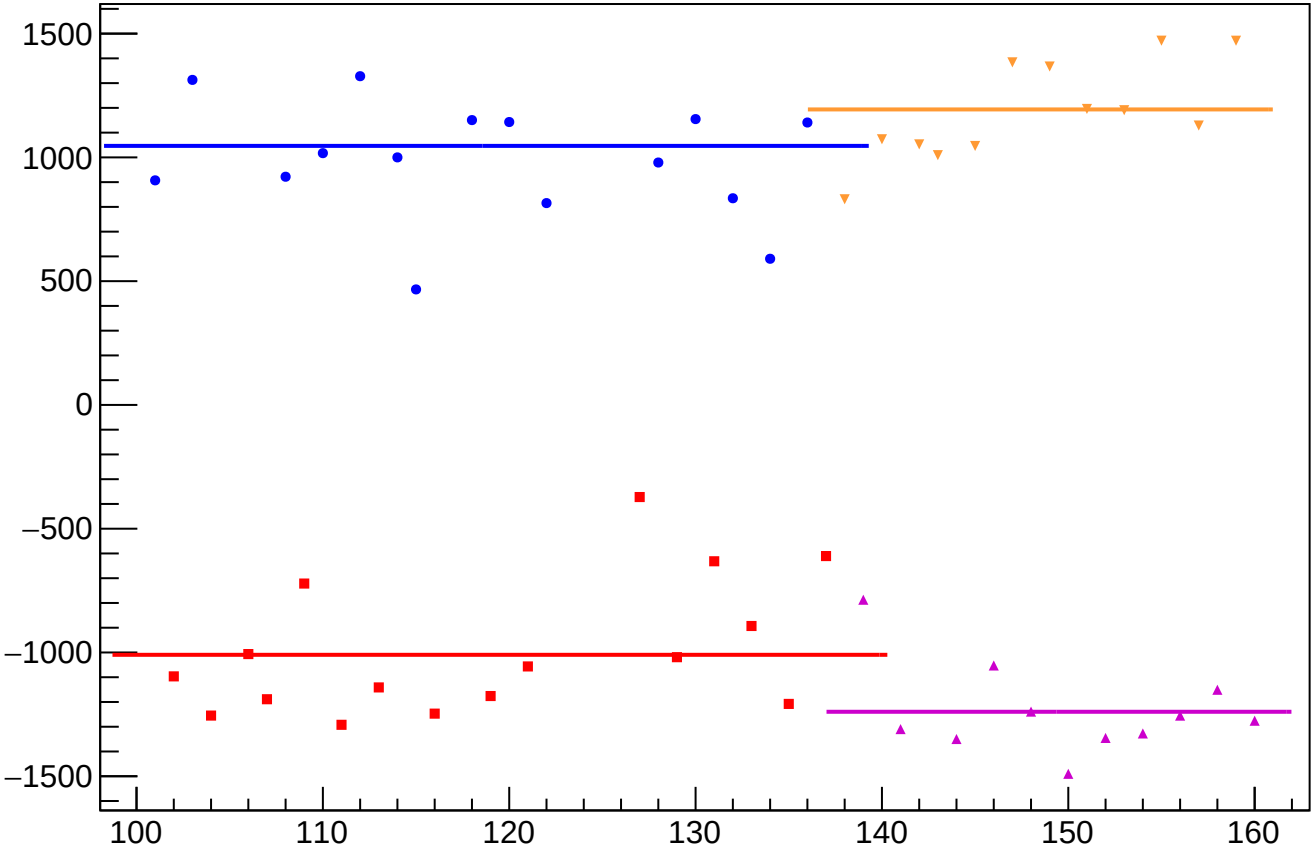
All: 402.483+/-0.000 χ^2/NDF: 66480467409 2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



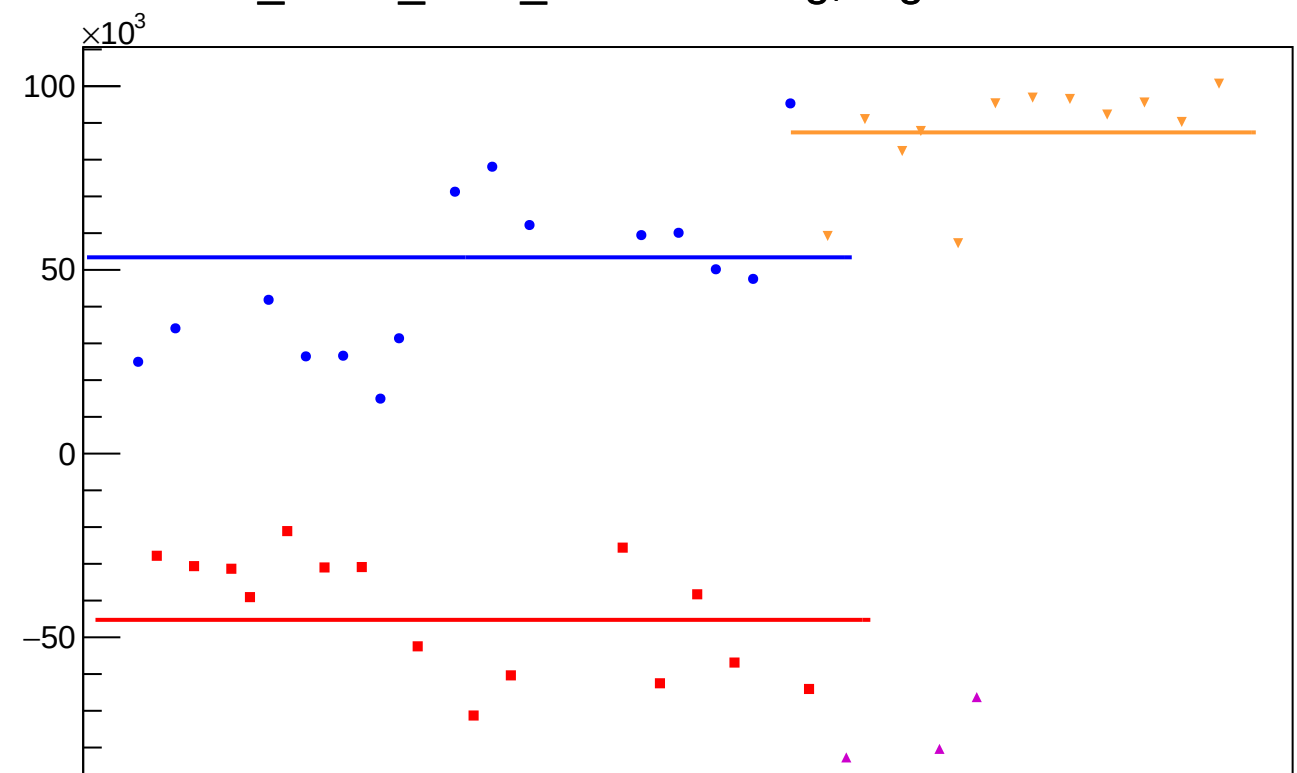
Left: 14.433+/-0.000 χ^2/NDF: 1491830780221848
Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
In: -206.520+/-0.000 χ^2/NDF:1084558135298016
Right Out: -601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
Out: 241.007+/-0.000 χ^2/NDF:1083013180112686
Left In: -817.657+/-0.000 χ^2/NDF:9042954872371566332680529907681119436 8.0/10
All: 17.811+/-0.000 χ^2/NDF: 2325491183866

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam4_coil1_mean vs Slug, Sign Corrected



Left: -2060.108+/-0.000 χ^2/NDF: 14824251298743

Right In: 53422.452+/-0.000 χ^2/NDF: 36063575731513380013375112316777346551808.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 87421.965+/-0.000 χ^2/NDF:17600944793397317229876580826958074332160.0/11

In: -31162.736+/-0.000 χ^2/NDF:83559951874998

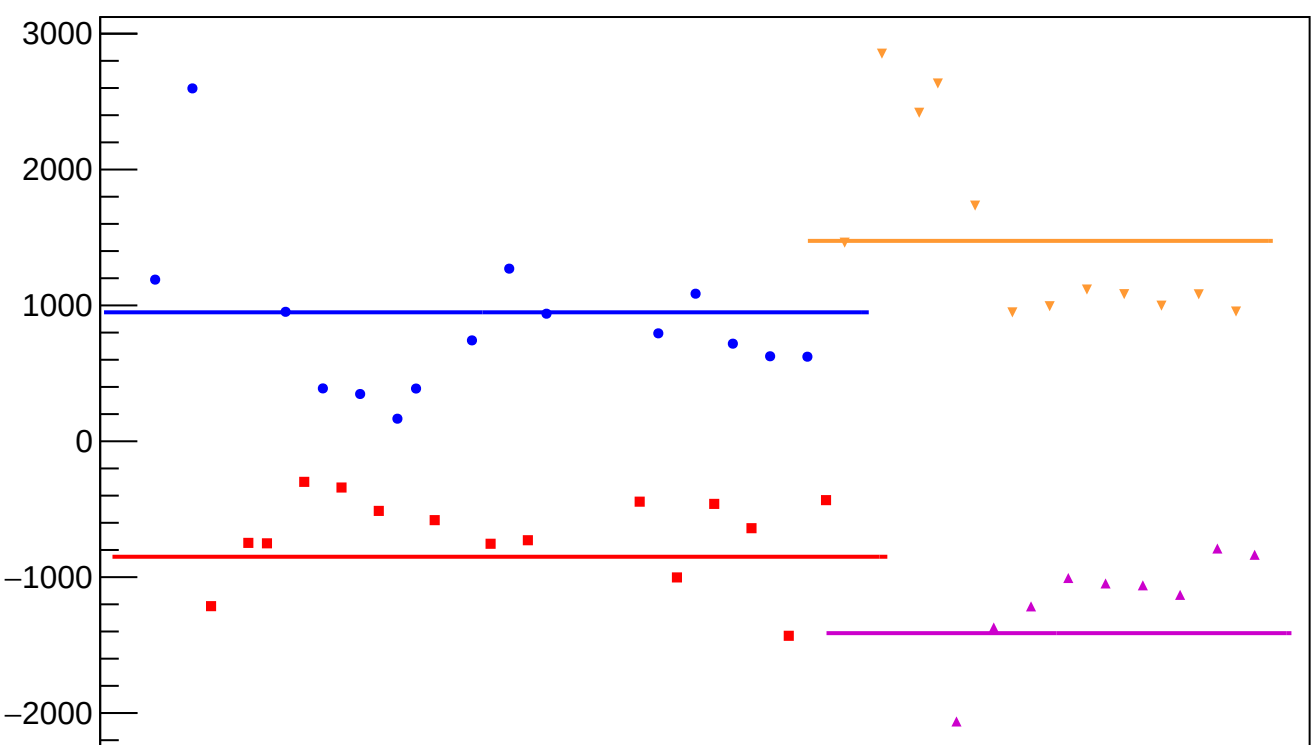
Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405547928576.0/15

Out: 31450.674+/-0.000 χ^2/NDF:72491482538819

Left In: -90573.760+/-0.000 χ^2/NDF:90574081394354221593949262312406685581312.0/10

All: 223.377+/-0.000 χ^2/NDF: 186963897471

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Left: 23.551+/-0.000 χ^2/NDF: 4570501357423236

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426

Left Out: 1474.996+/-0.000 χ^2/NDF:4077762791412540626360785088537386024 96.0/11

In: -437.909+/-0.000 χ^2/NDF:2684013086565036

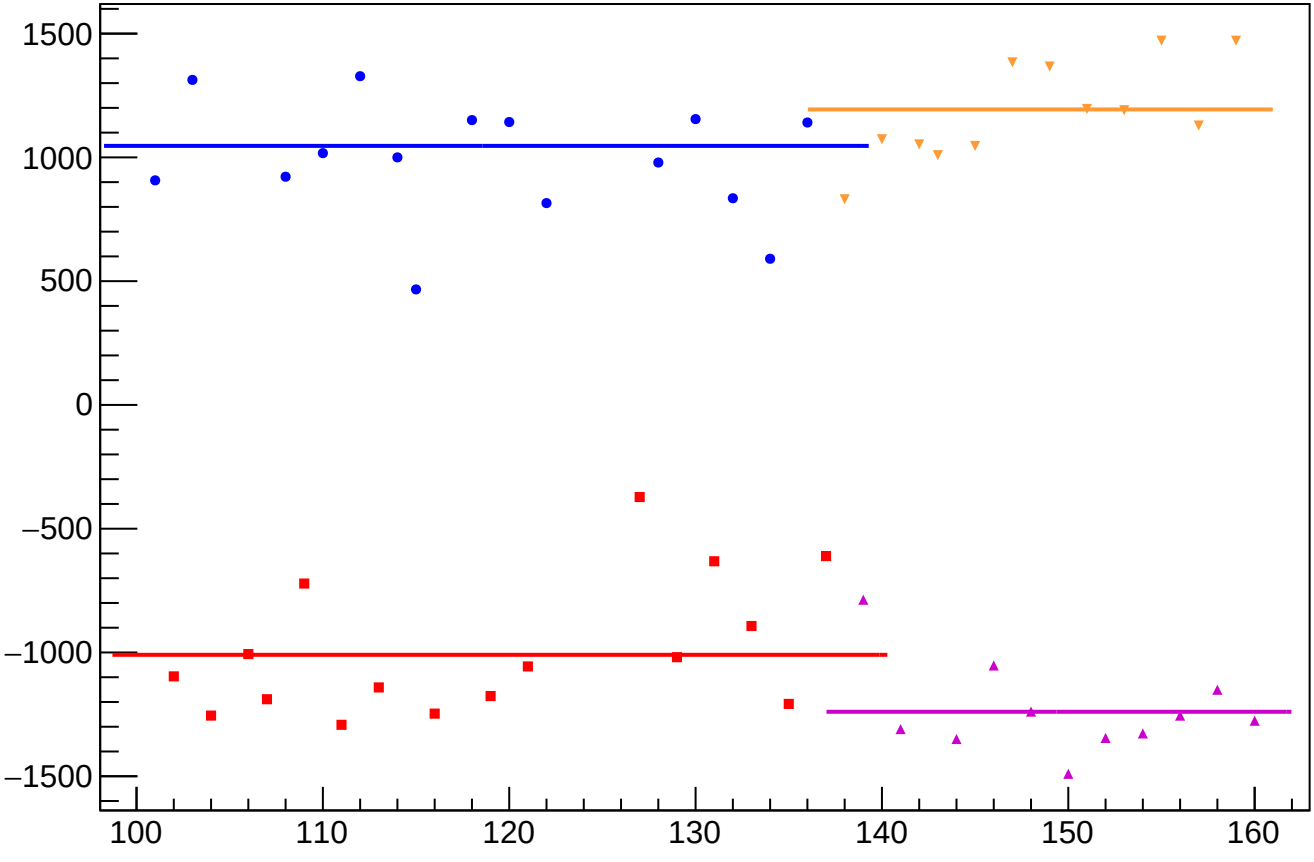
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

Out: 494.188+/-0.000 χ^2/NDF:2696503915470133

Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

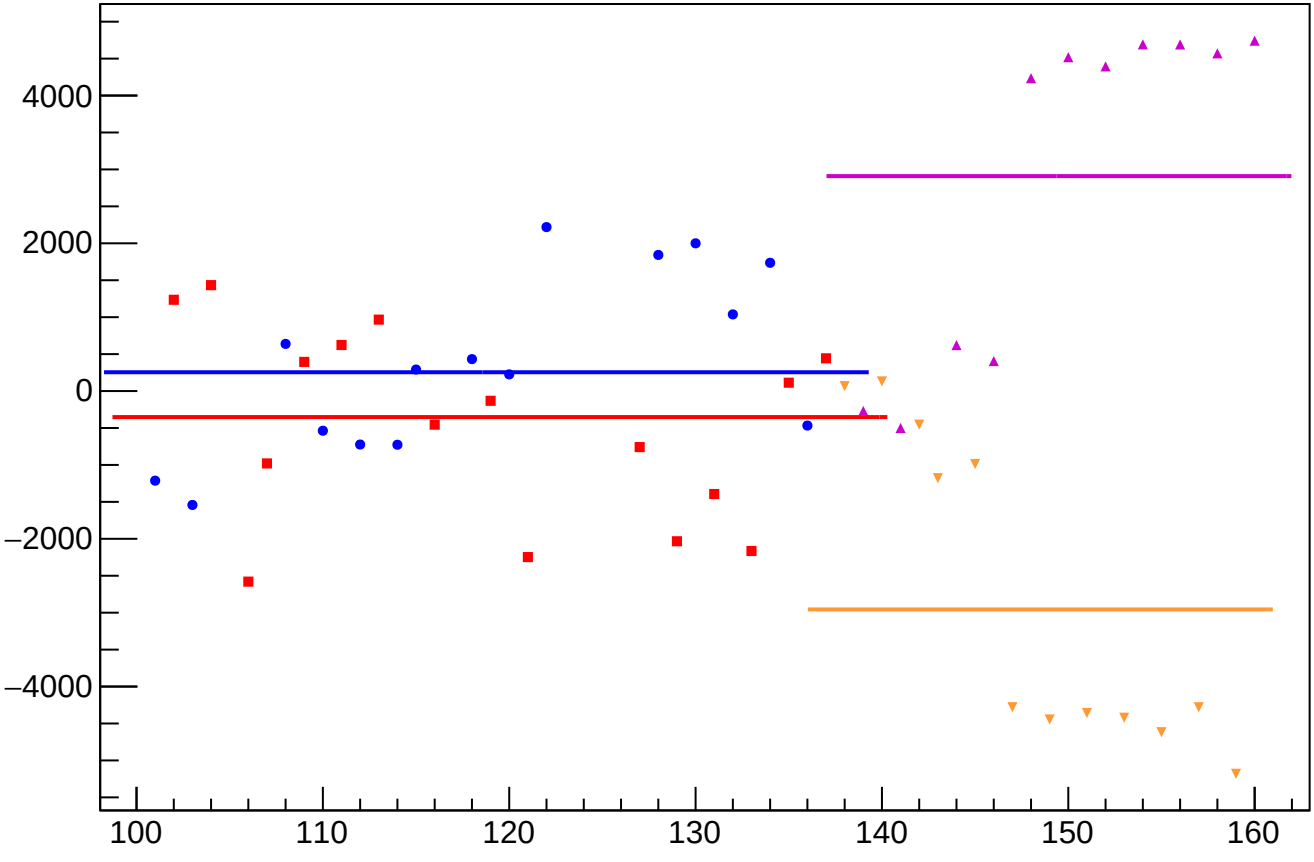
All: 29.322+/-0.000 χ^2/NDF: 6065565997163

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam5_coil1_mean vs Slug, Sign Corrected



Left: -7.270+/-0.000 χ^2/NDF: 23893577266149002

Right In: 254.578+/-0.000 χ^2/NDF: 97840211353100664074156922396724953088 0.0/14

Right: -53.015+/-0.000 χ^2/NDF: 220036732540735

Left Out: -2955.997+/-0.000 χ^2/NDF:3707818280907677847342876591435129290752.0/11

In: 1814.139+/-0.000 χ^2/NDF:804296313002970

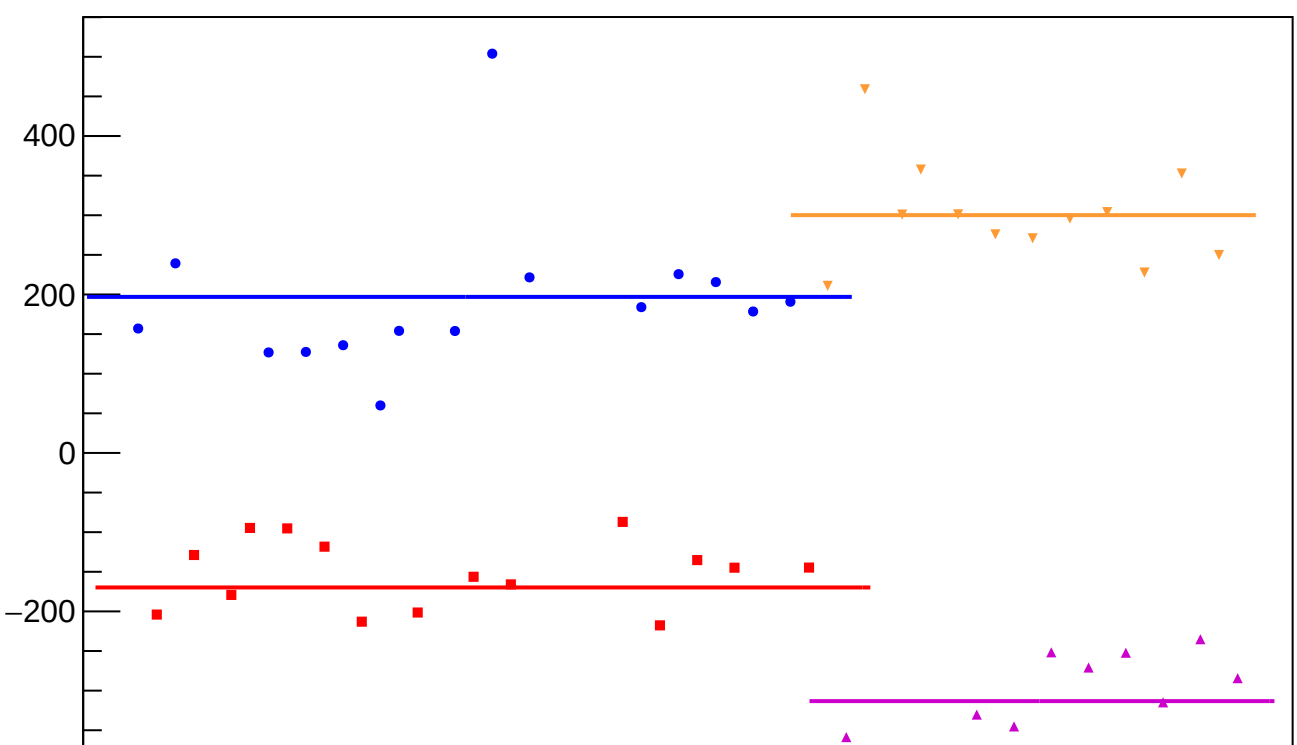
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

Out: -1857.540+/-0.000 χ^2/NDF:74227087248686

Left In: 2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10

All: -26.357+/-0.000 χ^2/NDF: 260955494544

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Left: -8.206+/-0.000 χ^2/NDF: 17982757813530948

Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14

Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240

Left Out: 300.154+/-0.000 χ^2/NDF:3873021428685352941137053448690204672.0/11

In: -102.733+/-0.000 χ^2/NDF:1067935716569052

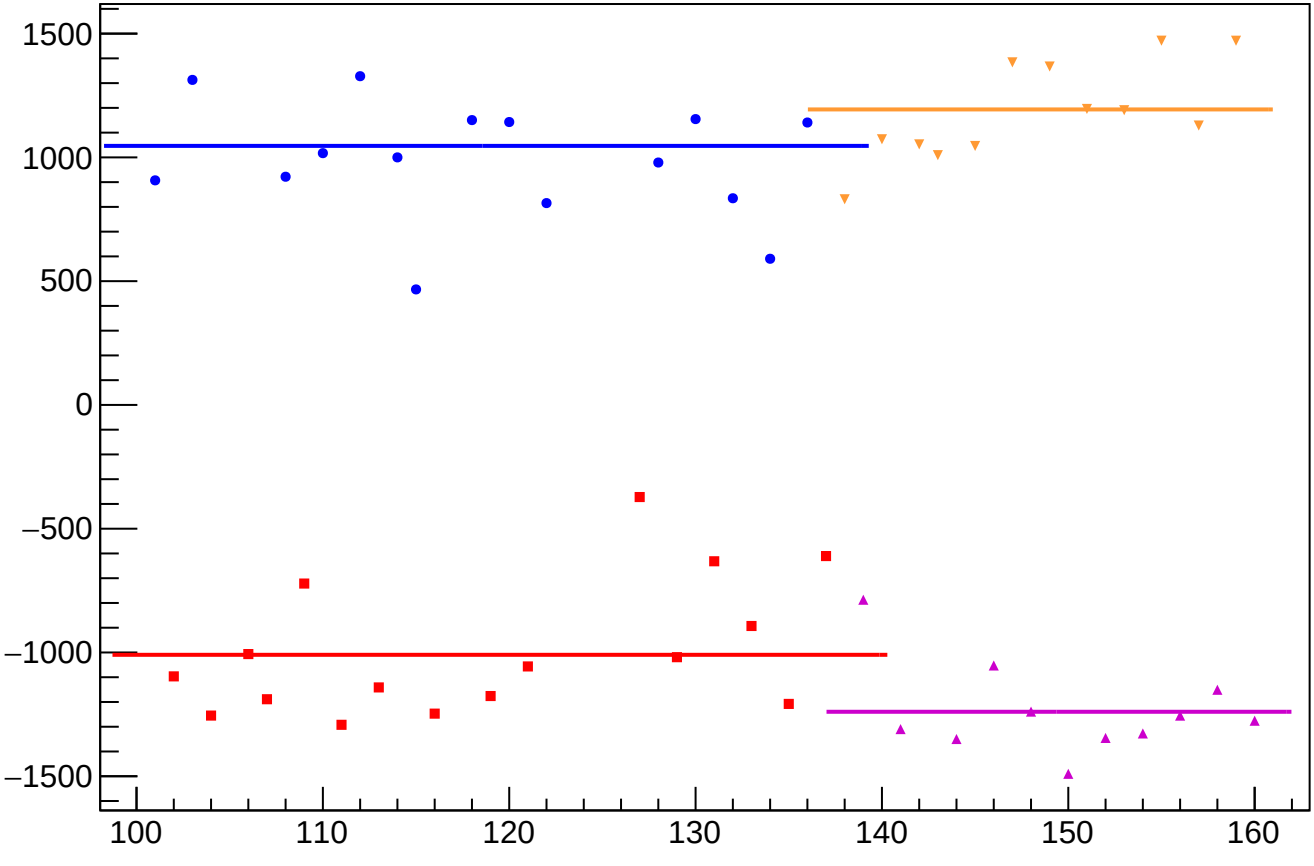
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 101.896+/-0.000 χ^2/NDF:929205168991504

Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10

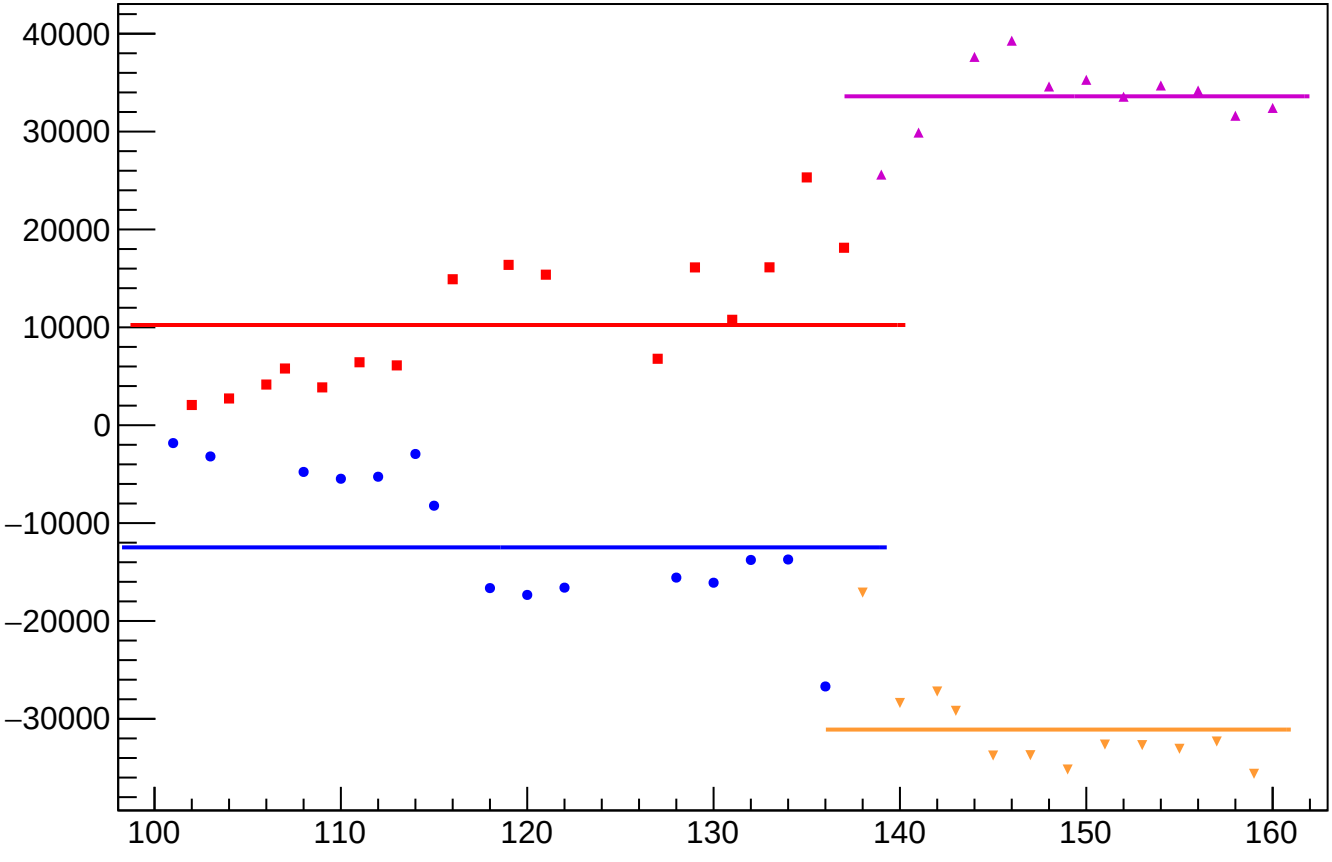
All: -0.159+/-0.000 χ^2/NDF: 2327307530740

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam6_coil1_mean vs Slug, Sign Corrected



Left: 1429.385+/-0.000 χ^2/NDF: 19565583595098

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Right: -965.413+/-0.000 χ^2/NDF: 24217037814564

Left Out: -31096.364+/-0.000 χ^2/NDF:217594309706731792738919903137593682821 12.0/11

In: 14589.951+/-0.000 χ^2/NDF:86214672145906

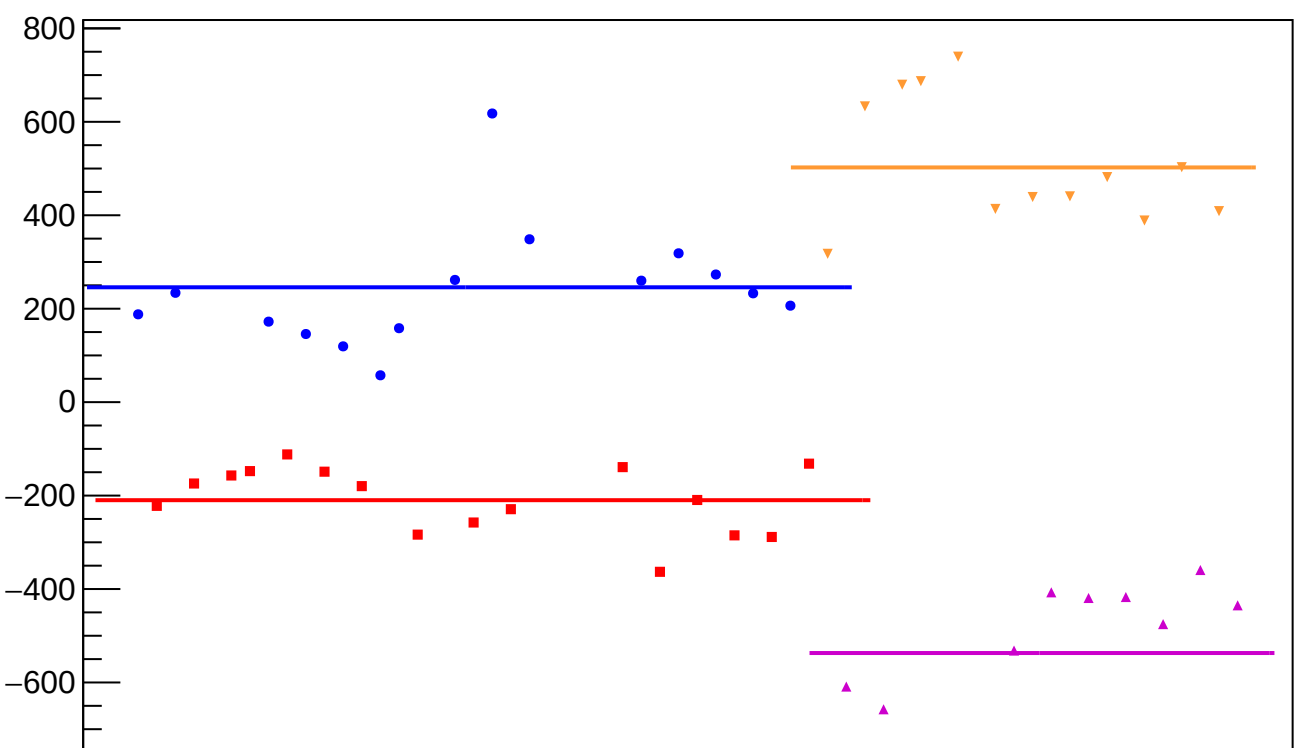
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

Out: -13657.980+/-0.000 χ^2/NDF:7118042053110

Left In: 33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

All: 430.161+/-0.000 χ^2/NDF: 22031269649

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 502.365+/-0.000 χ^2/NDF:1519156609286494211376362666392236851 2.0/11

Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Left In: -536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

Left: -20.132+/-0.000 χ^2/NDF: 5323446467512180

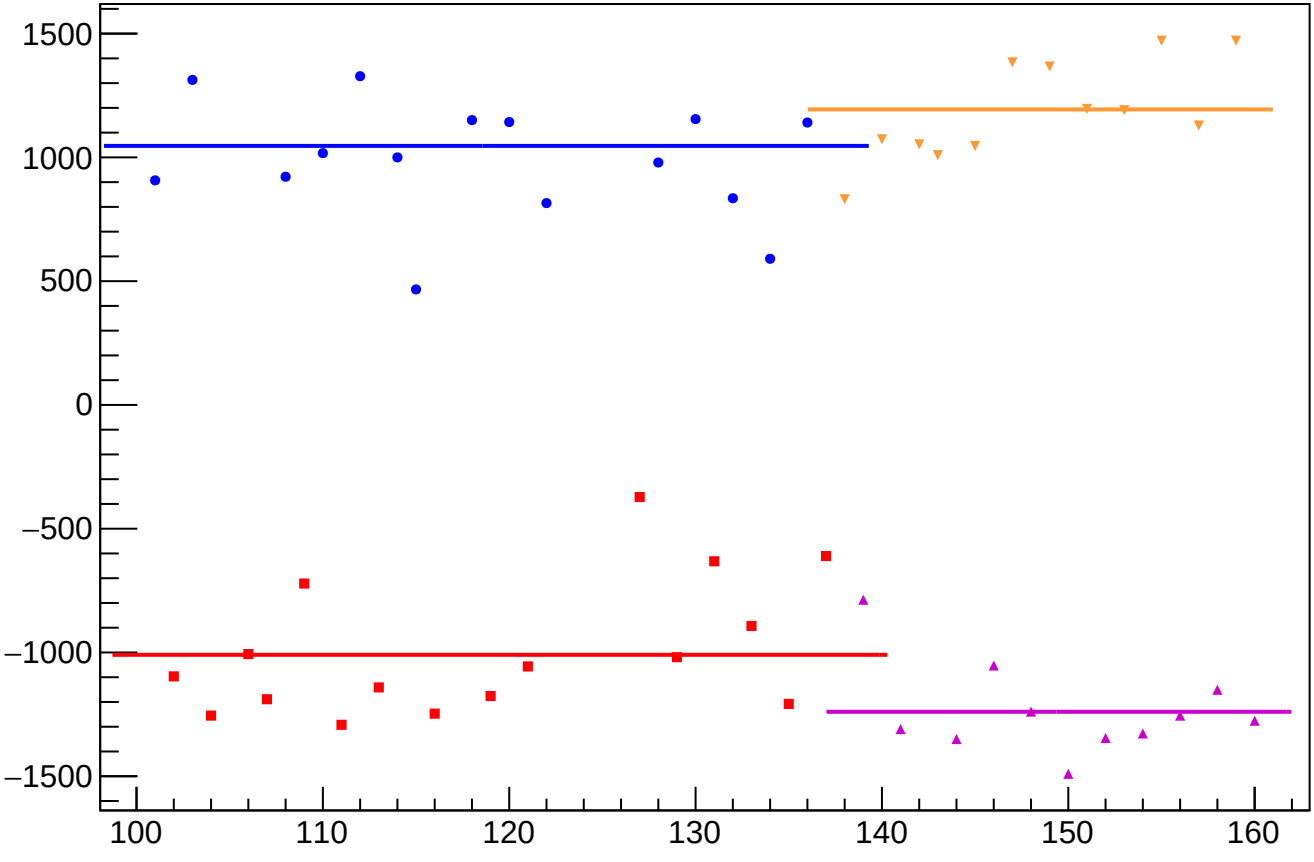
Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

Out: 201.895+/-0.000 χ^2/NDF:2139138372014608

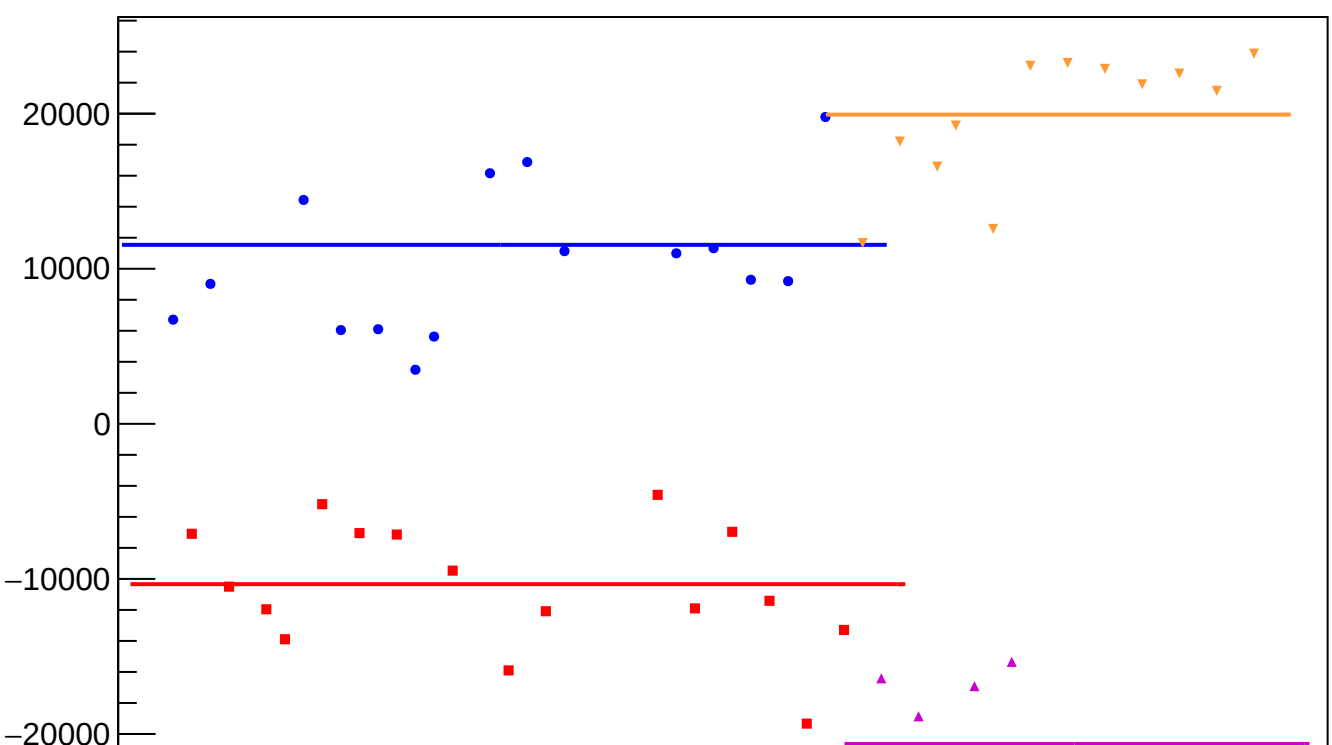
All: -5.524+/-0.000 χ^2/NDF: 6125424587177

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam7_coil1_mean vs Slug, Sign Corrected



Left: -462.888+/-0.000 χ^2/NDF: 780393460783243

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 19940.398+/-0.000 χ^2/NDF:150694867433458665068686580084002930032 64.0/11

In: -7364.946+/-0.000 χ^2/NDF:417673505445330

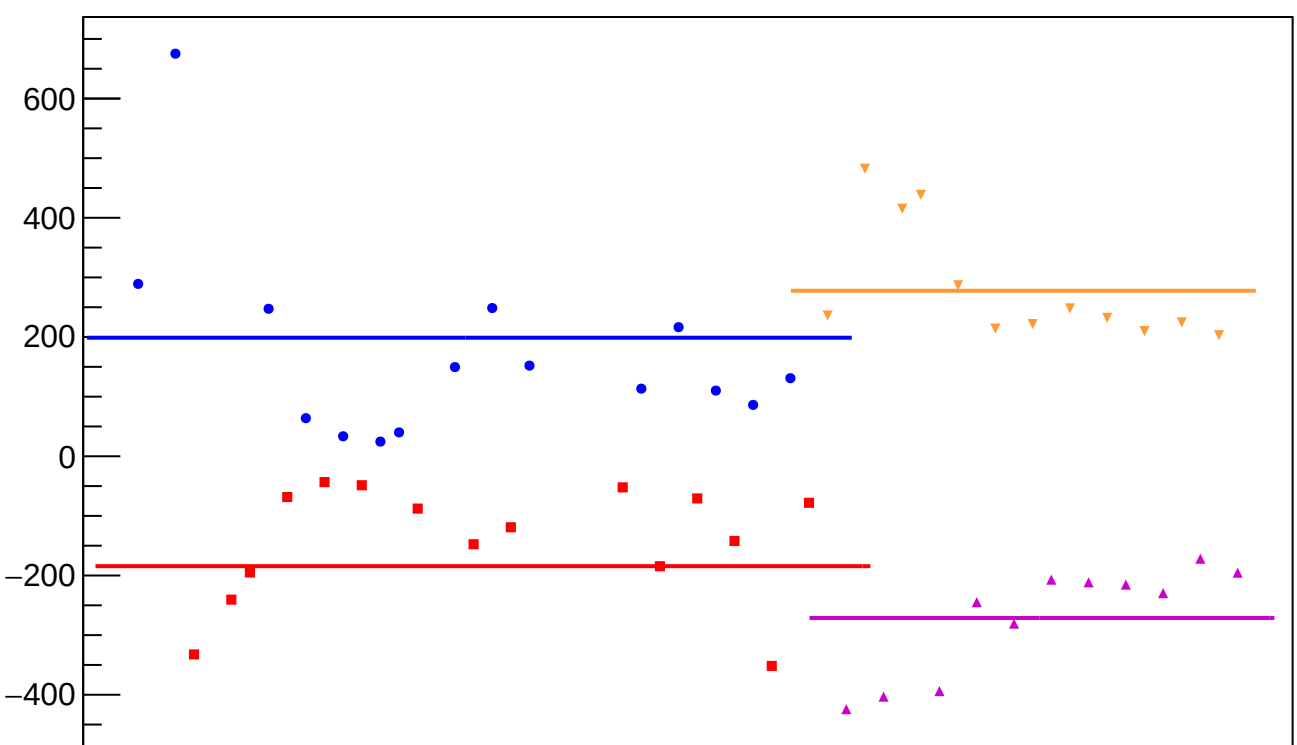
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7165.569+/-0.000 χ^2/NDF:37988973968207 7

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

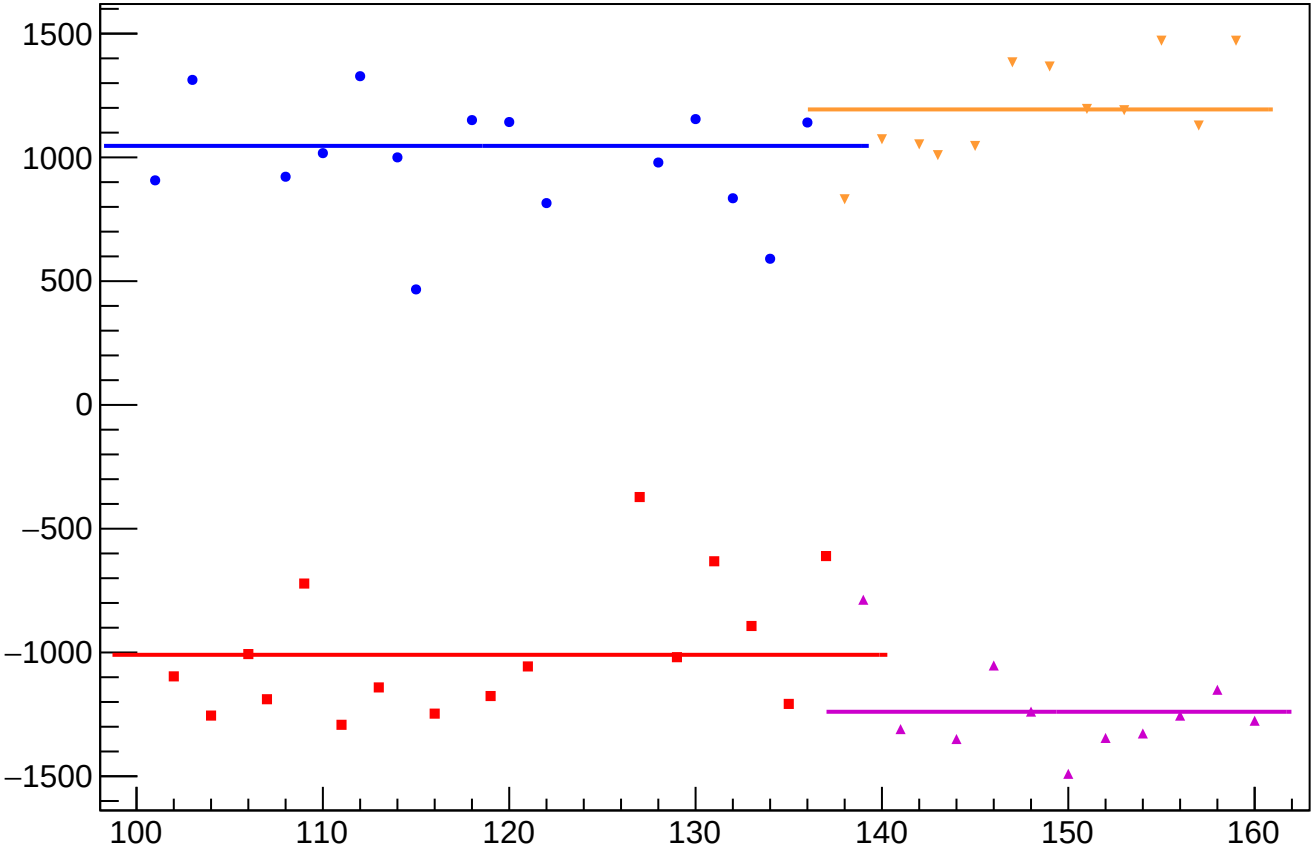
All: -81.261+/-0.000 χ^2/NDF: 964042806490

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



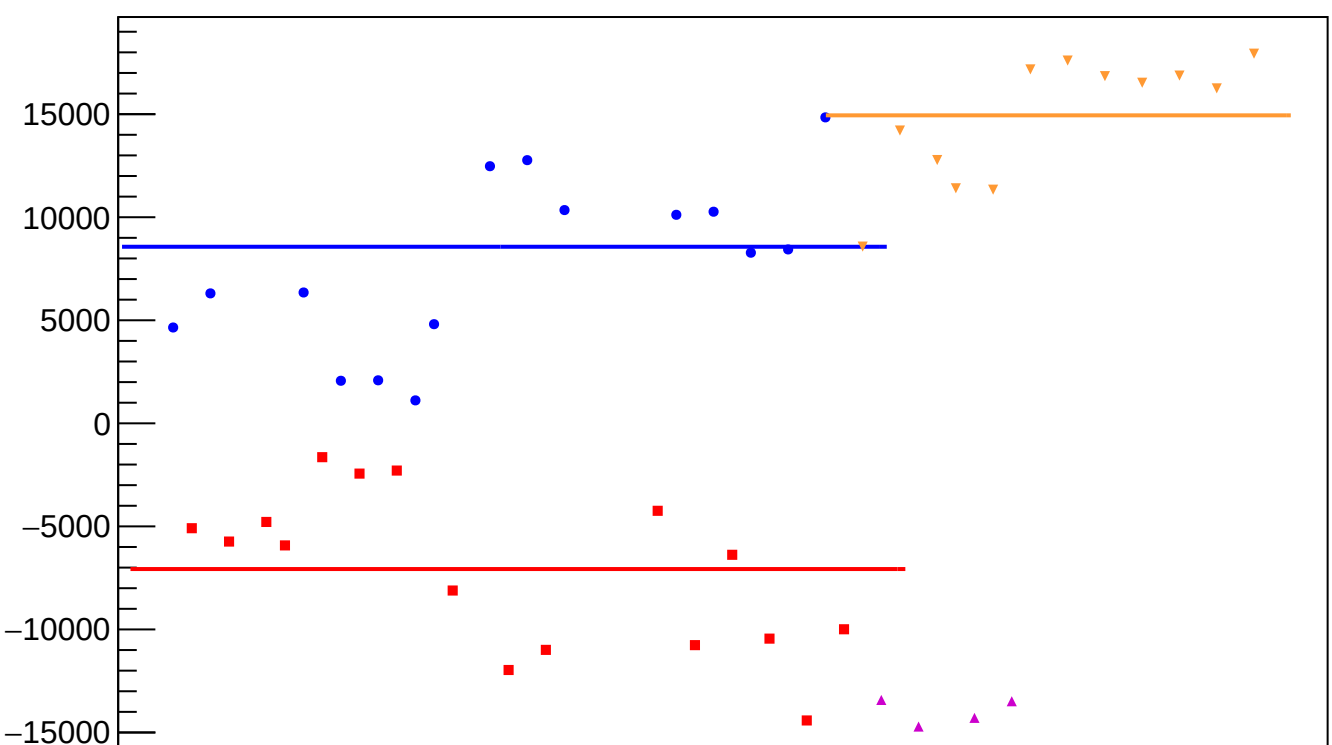
Left: 1.680+/-0.000 χ^2/NDF: 15360478630290122
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 277.638+/-0.000 χ^2/NDF:80386137058904862279846888470143303 68.0/11
In: -77.317+/-0.000 χ^2/NDF:10971103033492192
Right Out: -184.328+/-0.000 χ^2/NDF: 14927434931395588601024961538372403200.0/15
Out: 82.741+/-0.000 χ^2/NDF:1052585597535174
Left In: -271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10
All: 2.915+/-0.000 χ^2/NDF: 2351696492796

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



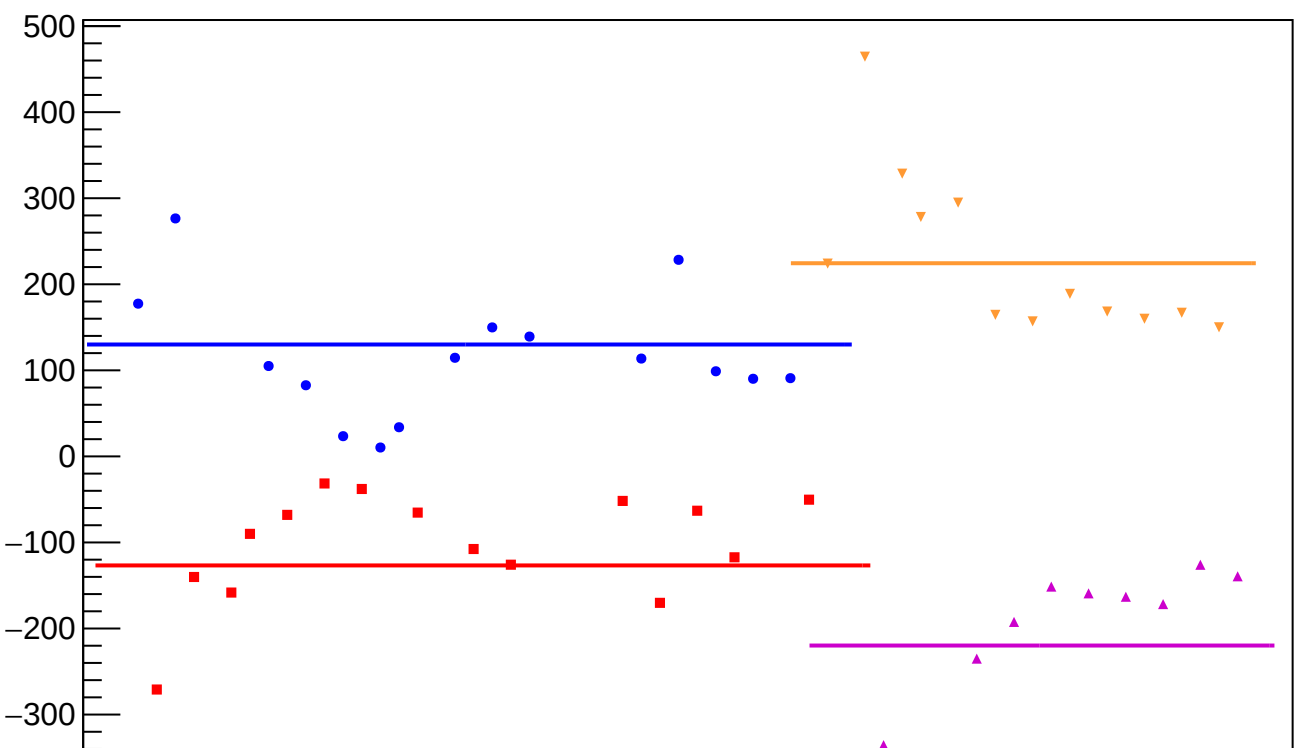
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam8_coil1_mean vs Slug, Sign Corrected



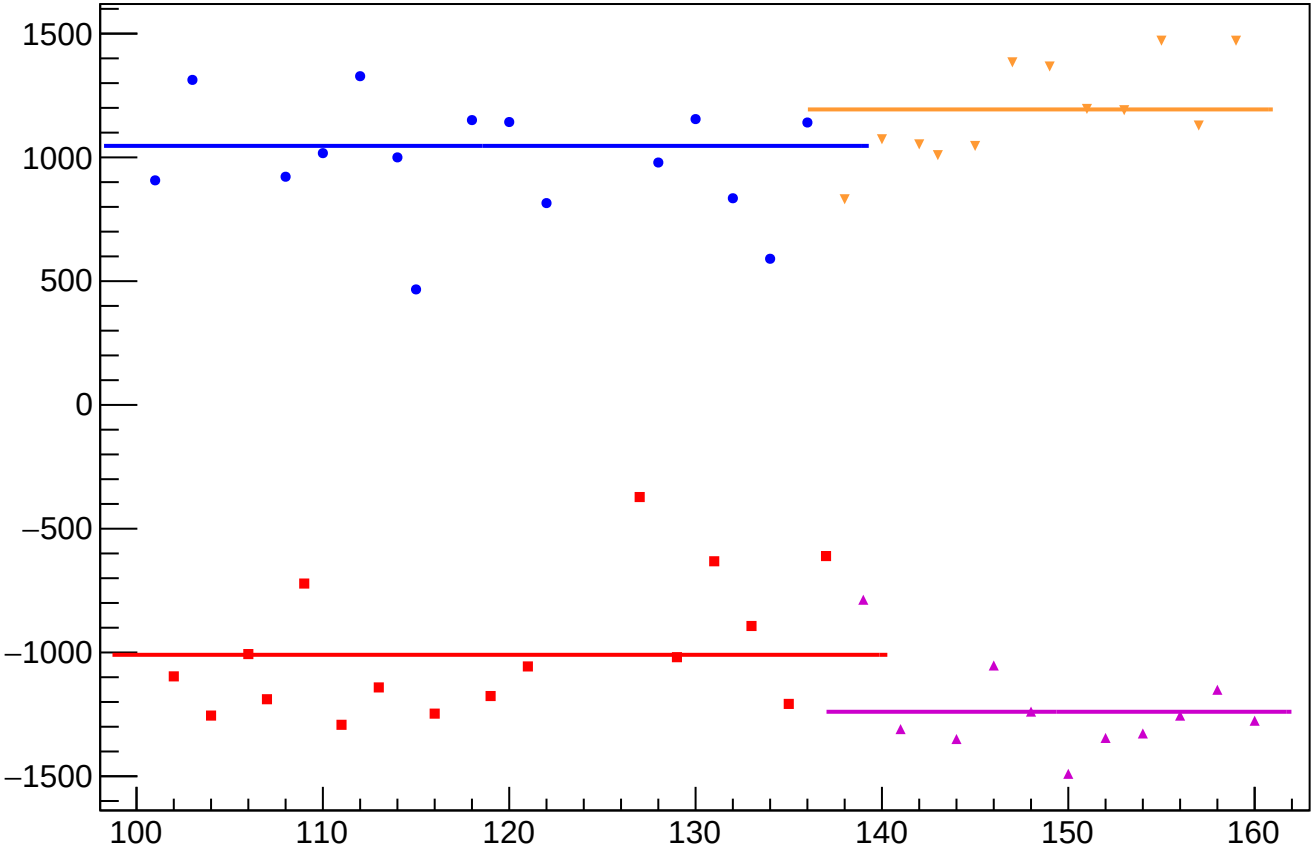
Left: -606.081+/-0.000 χ^2/NDF: 449973748621365
Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14
Right: 642.005+/-0.000 χ^2/NDF: 101620430321781
Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11
In: -5856.261+/-0.000 χ^2/NDF:243442912299638
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15
Out: 5656.420+/-0.000 χ^2/NDF:204837318375848
Left In: -15987.436+/-0.000 χ^2/NDF:247039342825481572862908333262999912448 0.0/10
All: -85.320+/-0.000 χ^2/NDF: 552788797574

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



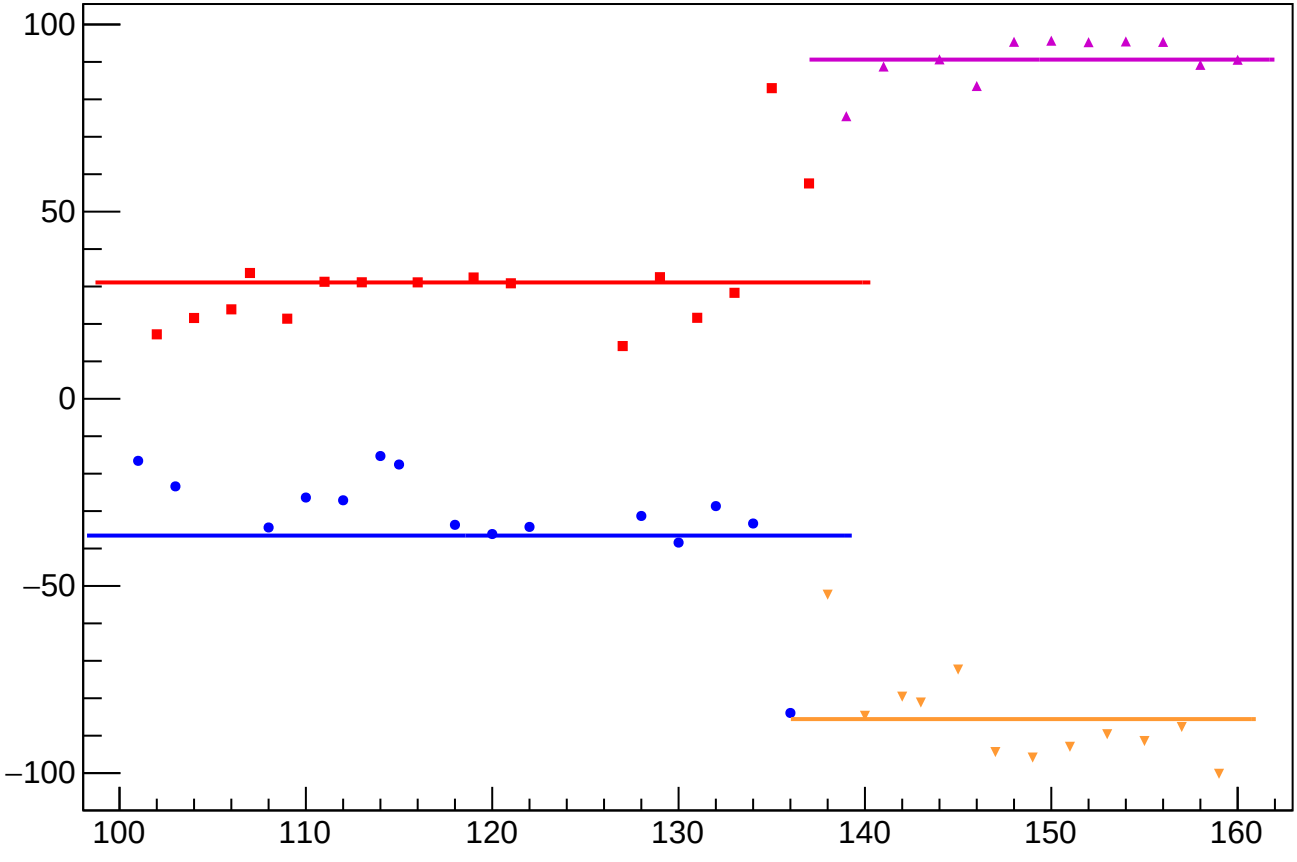
Left: 1.127+/-0.000 χ^2/NDF: 10597011405923870
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14
Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835
Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11
In: -75.461+/-0.000 χ^2/NDF:5718321474532916
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15
Out: 76.306+/-0.000 χ^2/NDF:6081924856680347
Left In: -219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10
All: 0.615+/-0.000 χ^2/NDF: 1361639505758

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



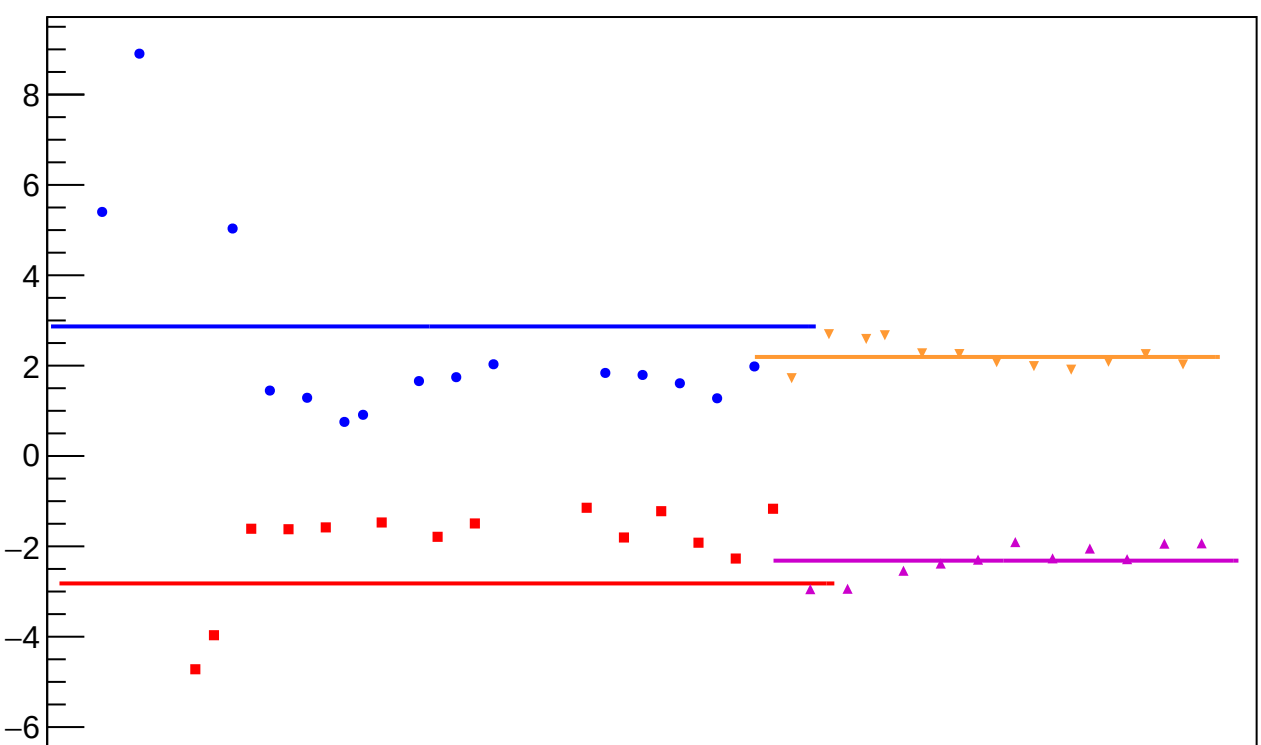
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aX_coil3_mean vs Slug, Sign Corrected



Left: 3.003+/-0.000 χ^2/NDF: 14440185336752927
Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060
Left Out: -85.570+/-0.000 χ^2/NDF:1435577762575479908655916407324672 00.0/11
In: 38.154+/-0.000 χ^2/NDF:64516085545673936
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15
Out: -36.355+/-0.000 χ^2/NDF:5572346140178000
Left In: 90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10
All: 0.805+/-0.000 χ^2/NDF: 16401400360245

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.192+/-0.000 χ^2/NDF:7604390678914156108458001589862 4.0/11

Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Left In: -2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

Left: -0.075+/-0.000 χ^2/NDF: 95306809315306736

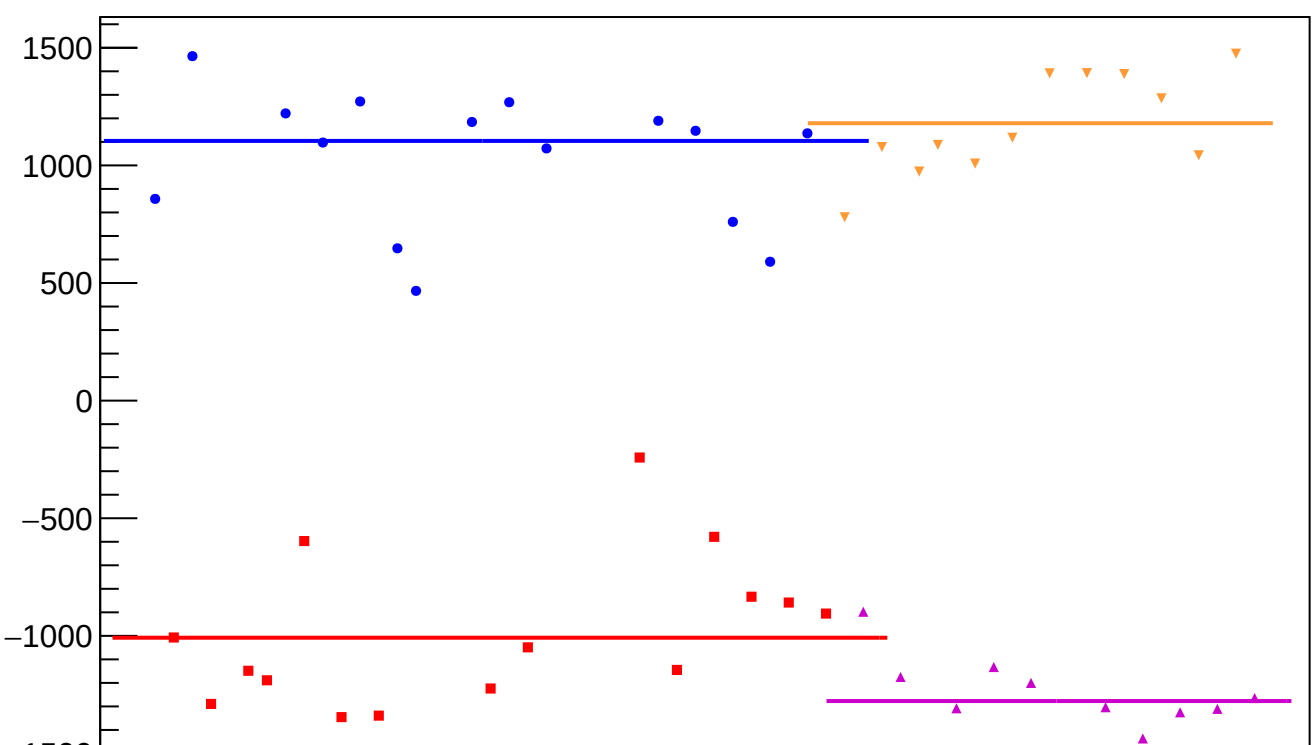
Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

In: -0.178+/-0.000 χ^2/NDF:138149448631133165

Out: 0.077+/-0.000 χ^2/NDF:12819402023000433 0

All: -0.050+/-0.000 χ^2/NDF: 2668555650335

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

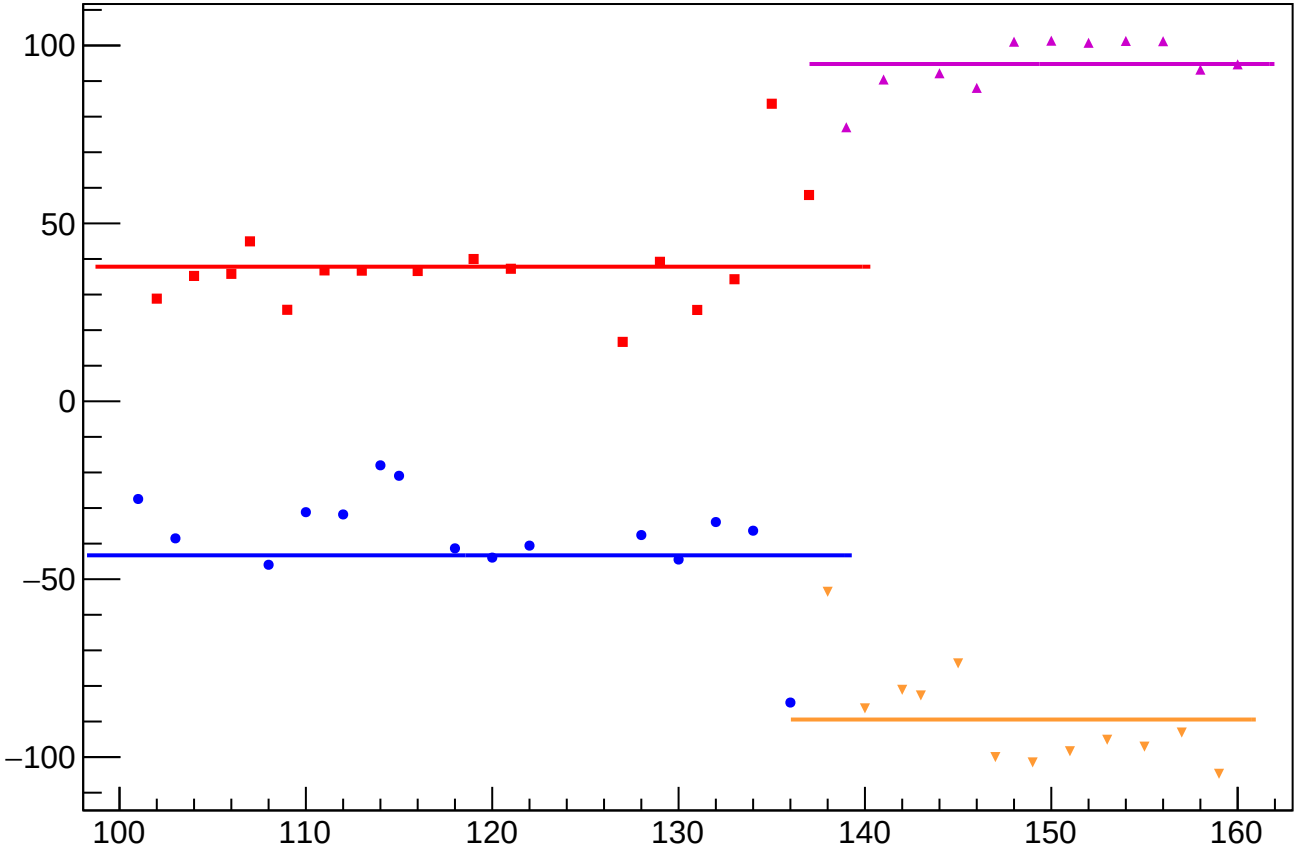
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eX_coil3_mean vs Slug, Sign Corrected



Left: 3.181+/-0.000 χ^2/NDF: 158268282831051271

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -89.439+/-0.000 χ^2/NDF:181119962985690841138788427972476928.0/11

In: 37.826+/-0.000 χ^2/NDF:751790372998047563

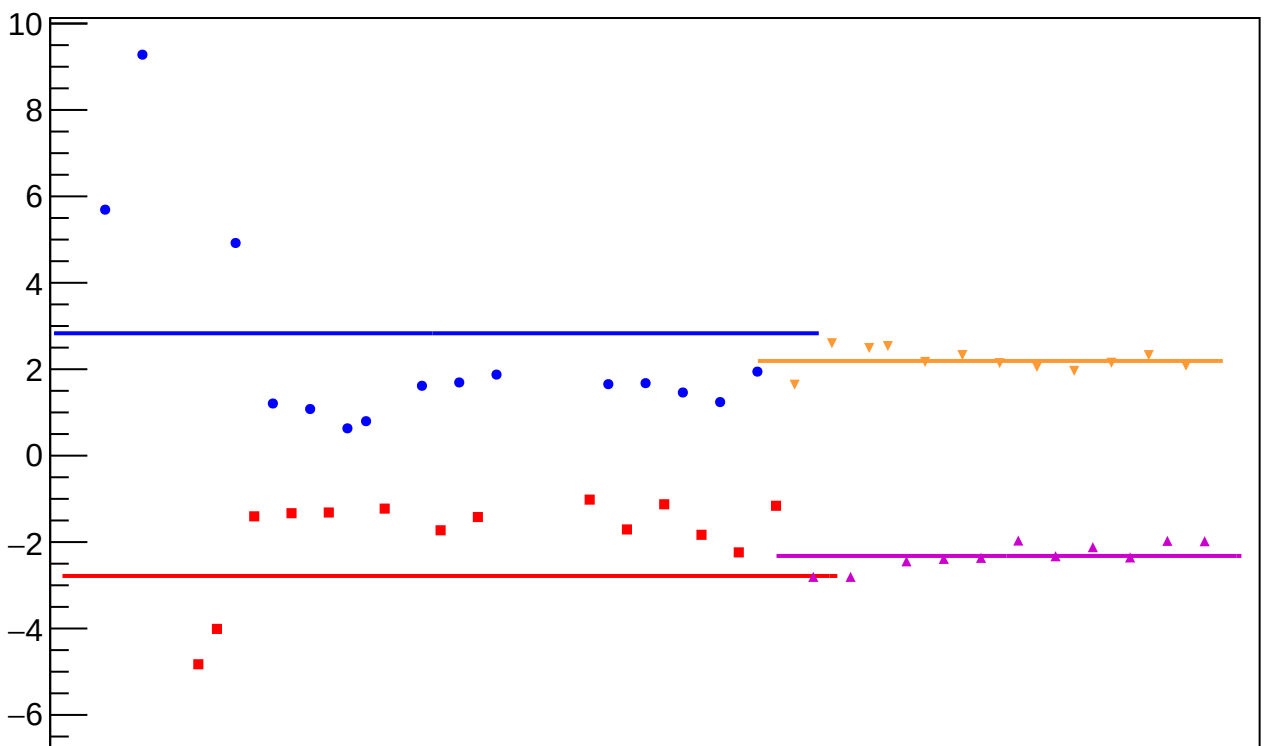
Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

Out: -35.745+/-0.000 χ^2/NDF:6575776048743356

Left In: 94.799+/-0.000 χ^2/NDF:490770500326110069821569680749363 20.0/10

All: 0.947+/-0.000 χ^2/NDF: 1836150818238

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.077+/-0.000 χ^2/NDF: 94909091783771973

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502

Left Out: 2.192+/-0.000 χ^2/NDF:5960155924741500894781652546355 2.0/11

In: -0.195+/-0.000 χ^2/NDF:1415385013408516 11

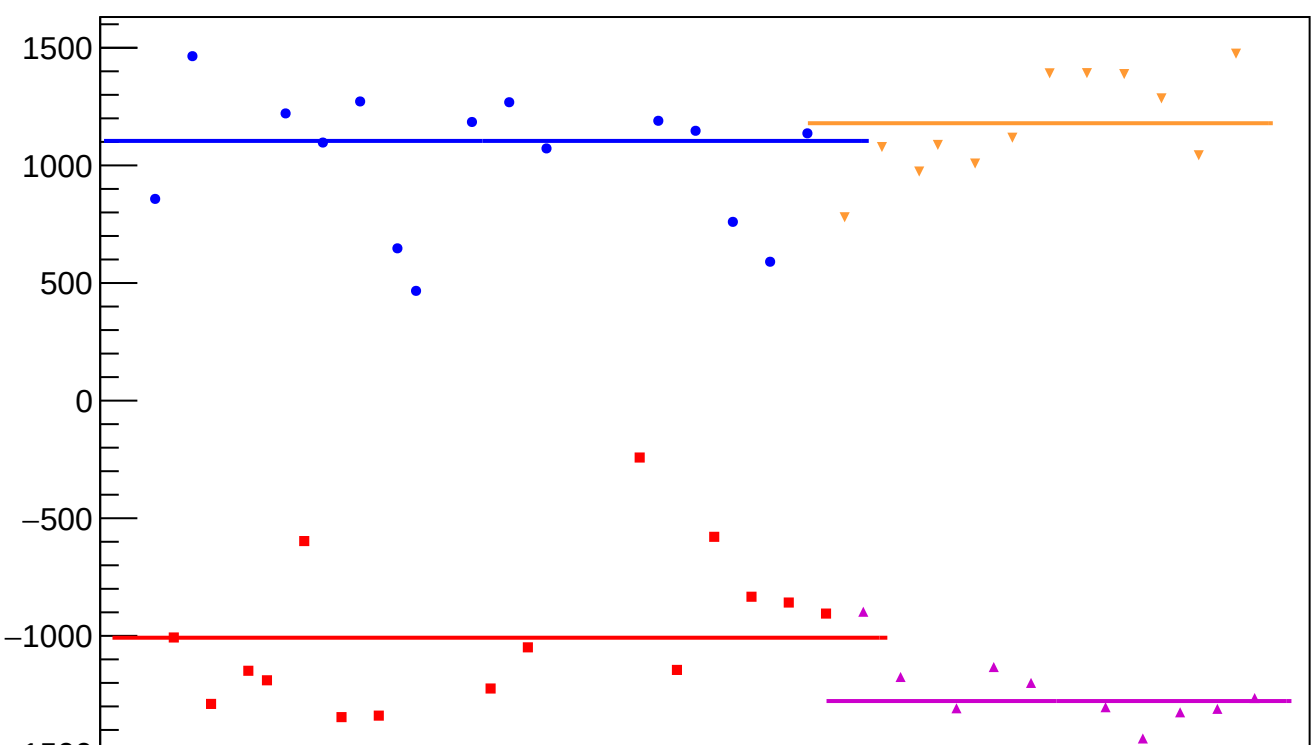
Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

Out: 0.092+/-0.000 χ^2/NDF:1319660578541495 19

Left In: -2.321+/-0.000 χ^2/NDF:7461912322461632454440450523 1360.0/10

All: -0.051+/-0.000 χ^2/NDF: 2741558316748

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

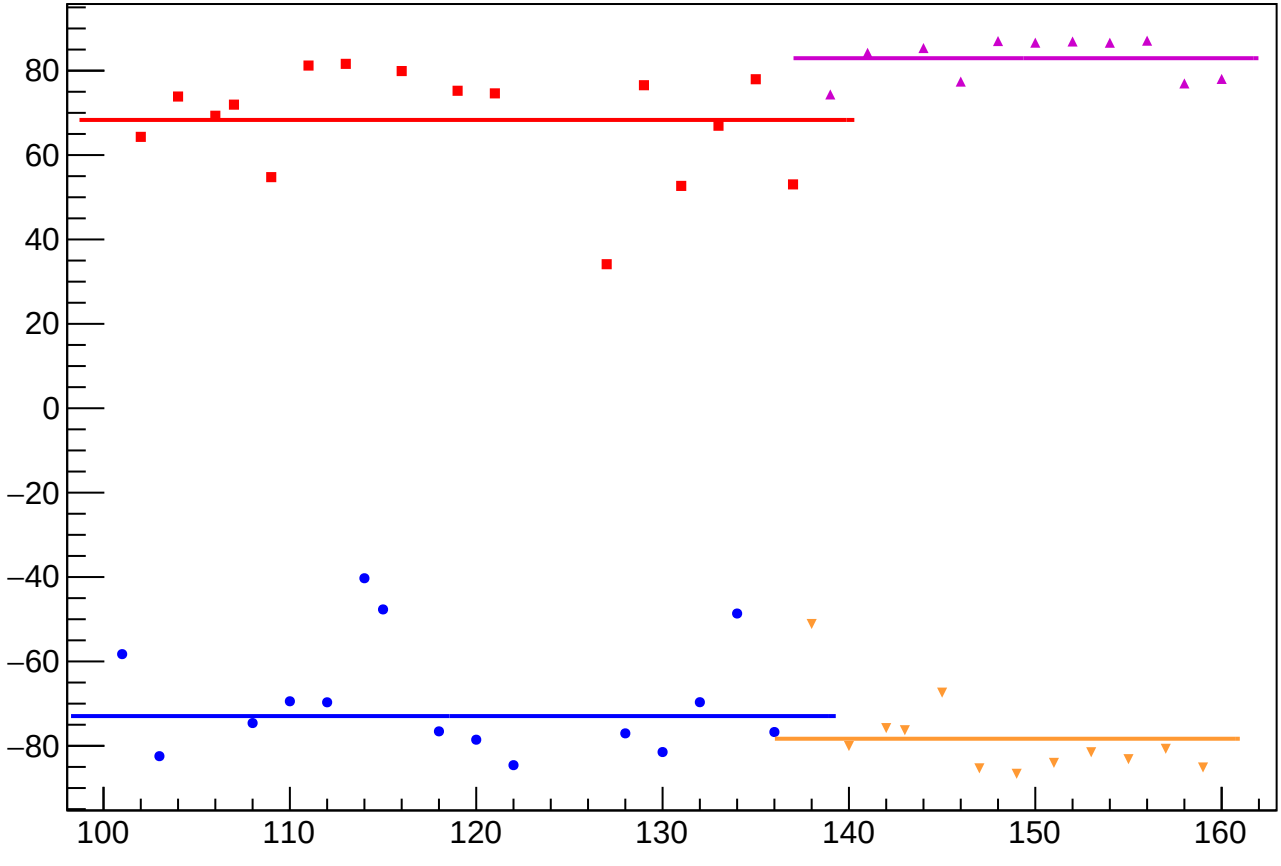
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Left: 2.757+/-0.000 χ^2/NDF: 120577028568665653

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205

Left Out: -78.317+/-0.000 χ^2/NDF:868589325876711885940874151607664 64.0/11

In: 18.630+/-0.000 χ^2/NDF:935227547229560147

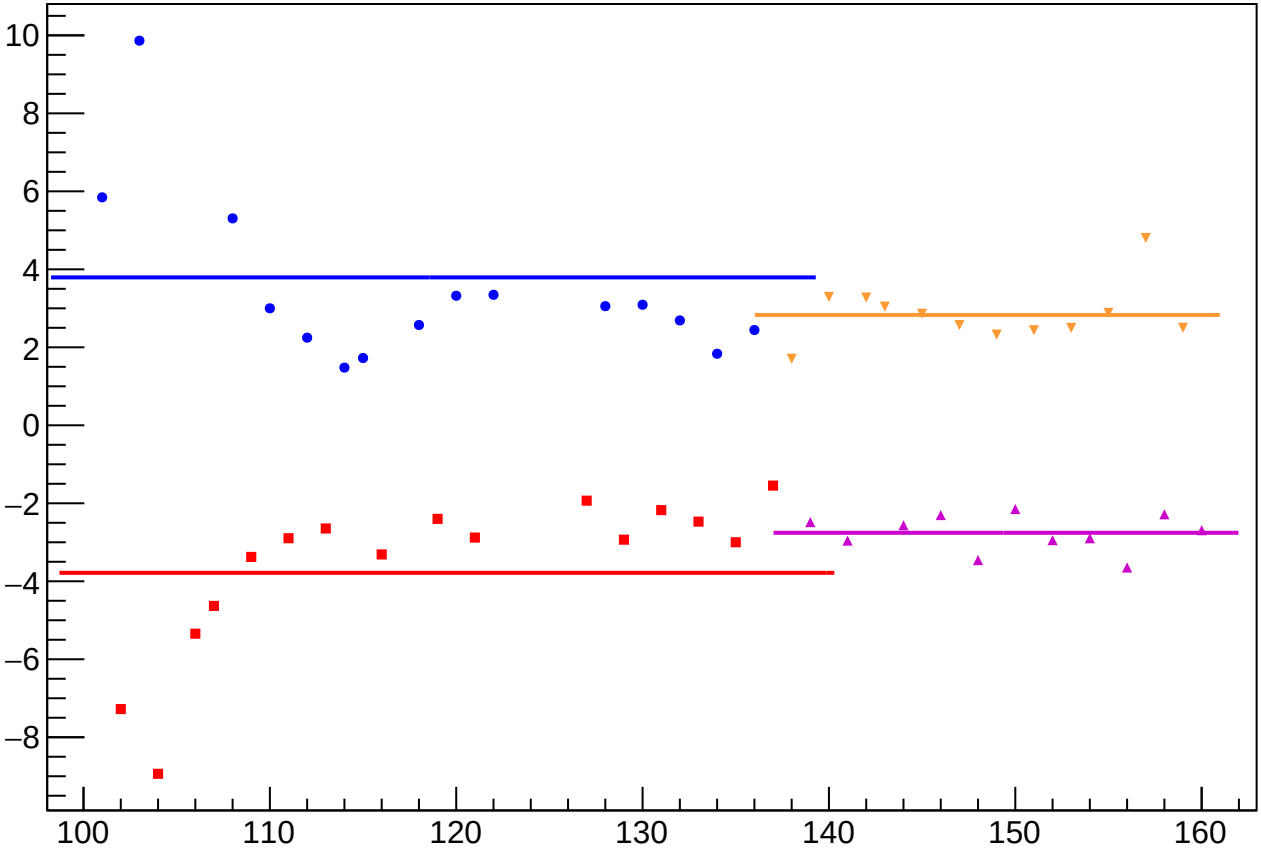
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Out: -16.451+/-0.000 χ^2/NDF:8485315004637869

Left In: 82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

All: 1.045+/-0.000 χ^2/NDF: 1880801156865

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 15025603203448953

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.830+/-0.000 χ^2/NDF:49274902602883890794782962116 1984.0/11

In: -0.054+/-0.000 χ^2/NDF:19750496568510585 7

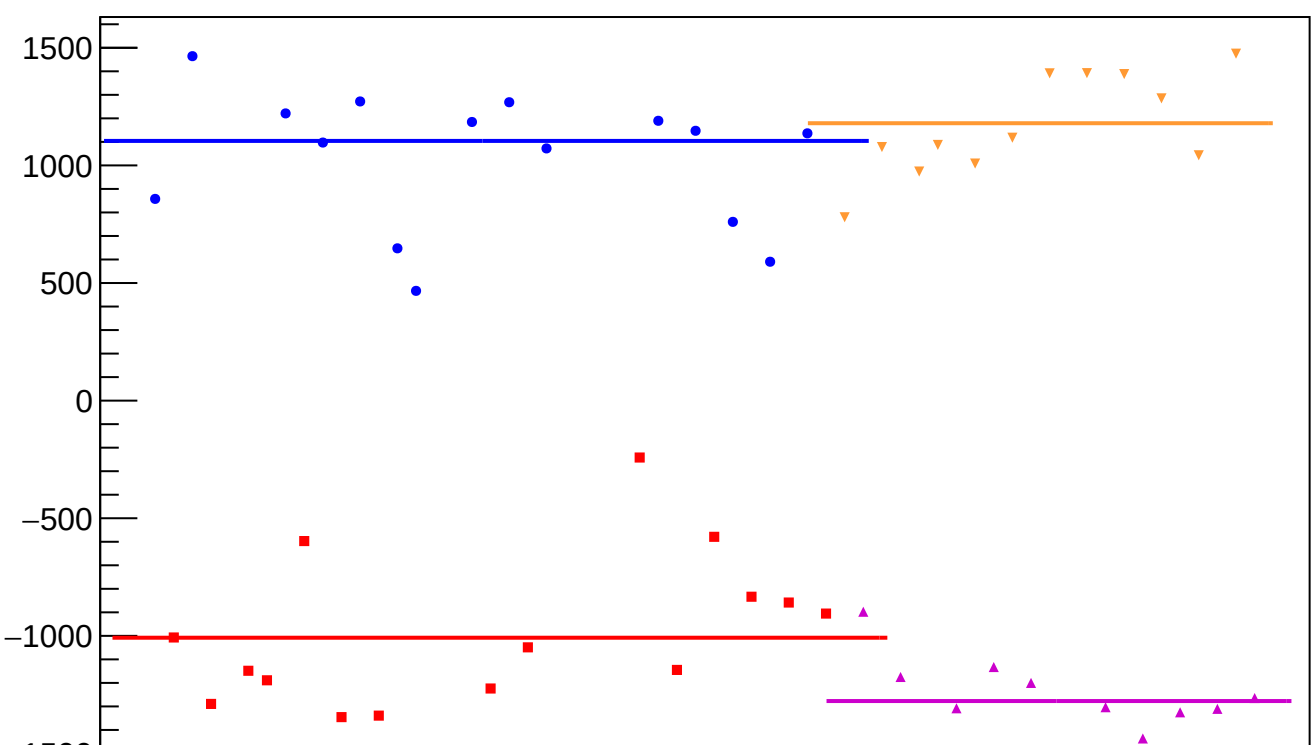
Right Out: -3.783+/-0.000 χ^2/NDF: 28785866221926766544523387553710 08.0/15

Out: 0.040+/-0.000 χ^2/NDF:20235343242589691 2

Left In: -2.757+/-0.000 χ^2/NDF:19172074654773230622605404274688 0.0/10

All: -0.007+/-0.000 χ^2/NDF: 3999287355304

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

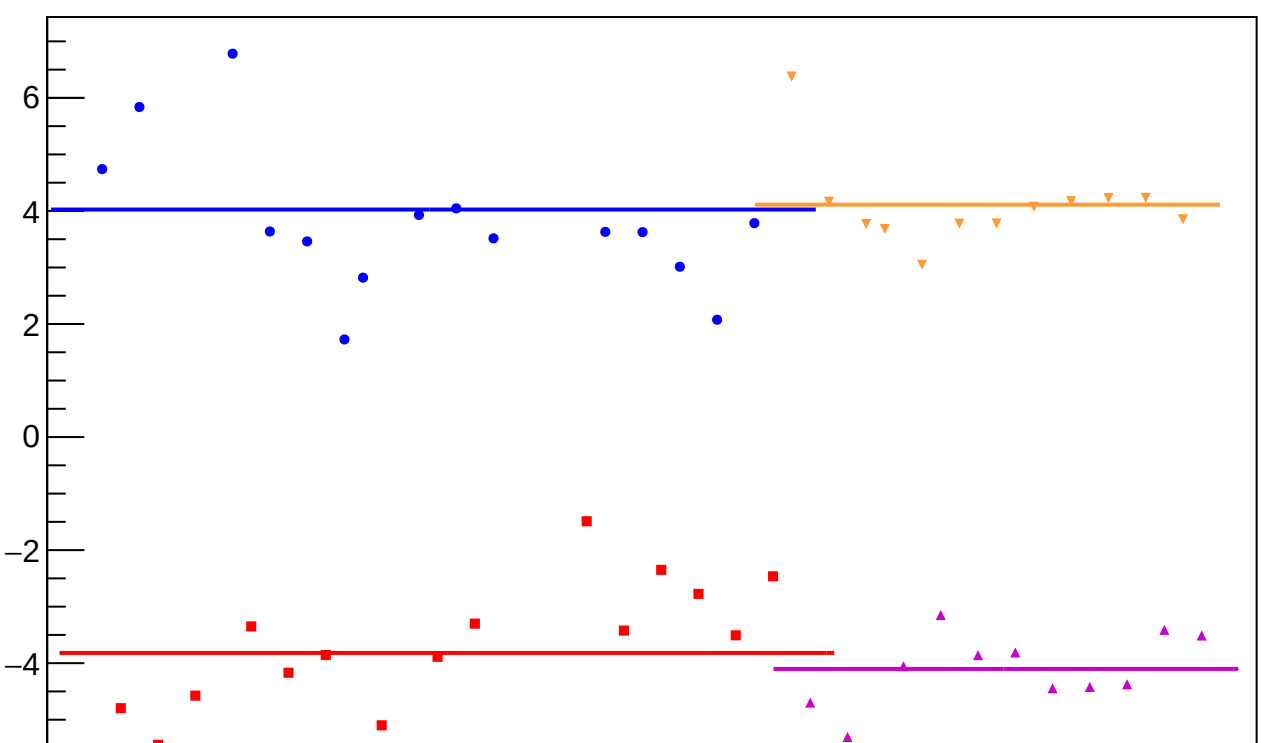
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: -0.018+/-0.000 χ^2/NDF: 31853611122068431

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 21892754887879739

Left Out: 4.111+/-0.000 χ^2/NDF:532620096510613693690902891986944.0/11

In: -0.749+/-0.000 χ^2/NDF:26275294393356203 3

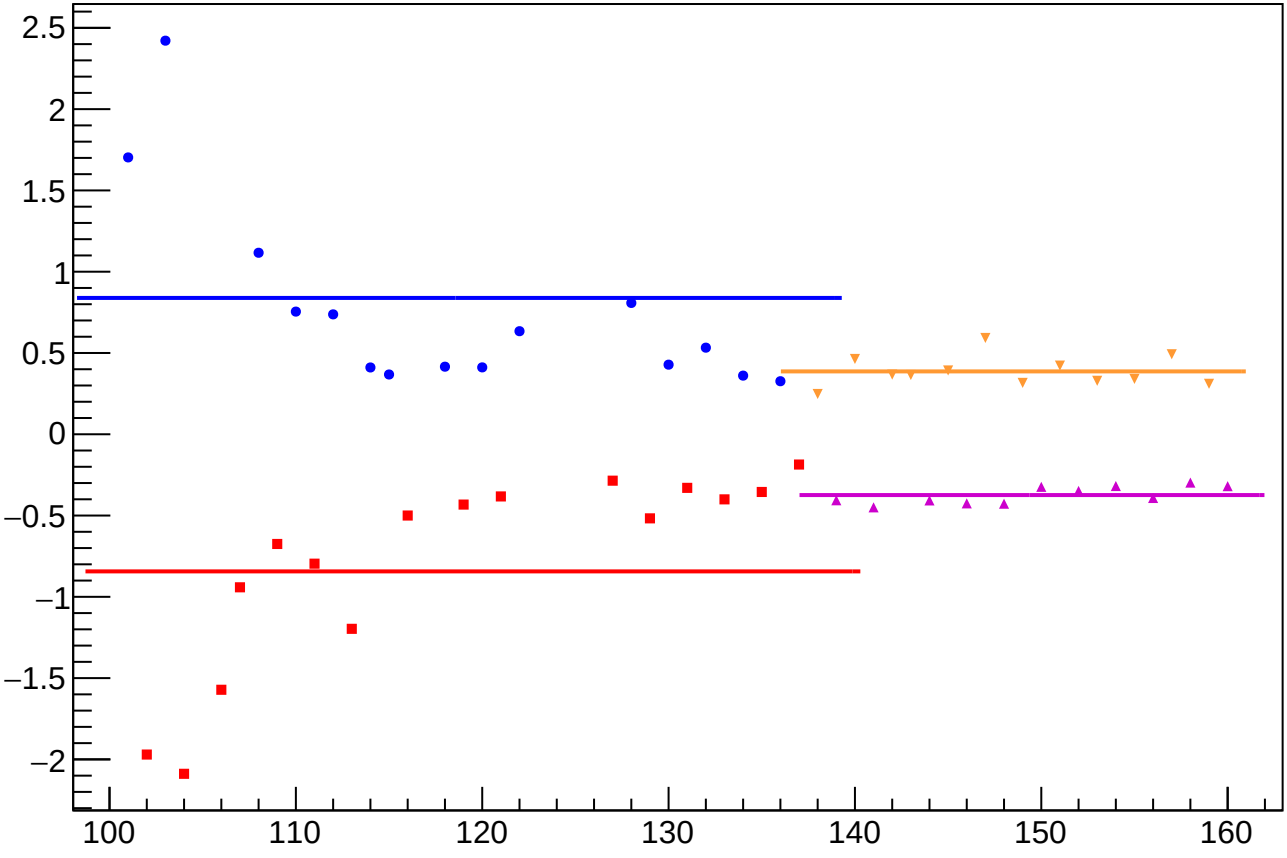
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.766+/-0.000 χ^2/NDF:25666157664453877 9

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

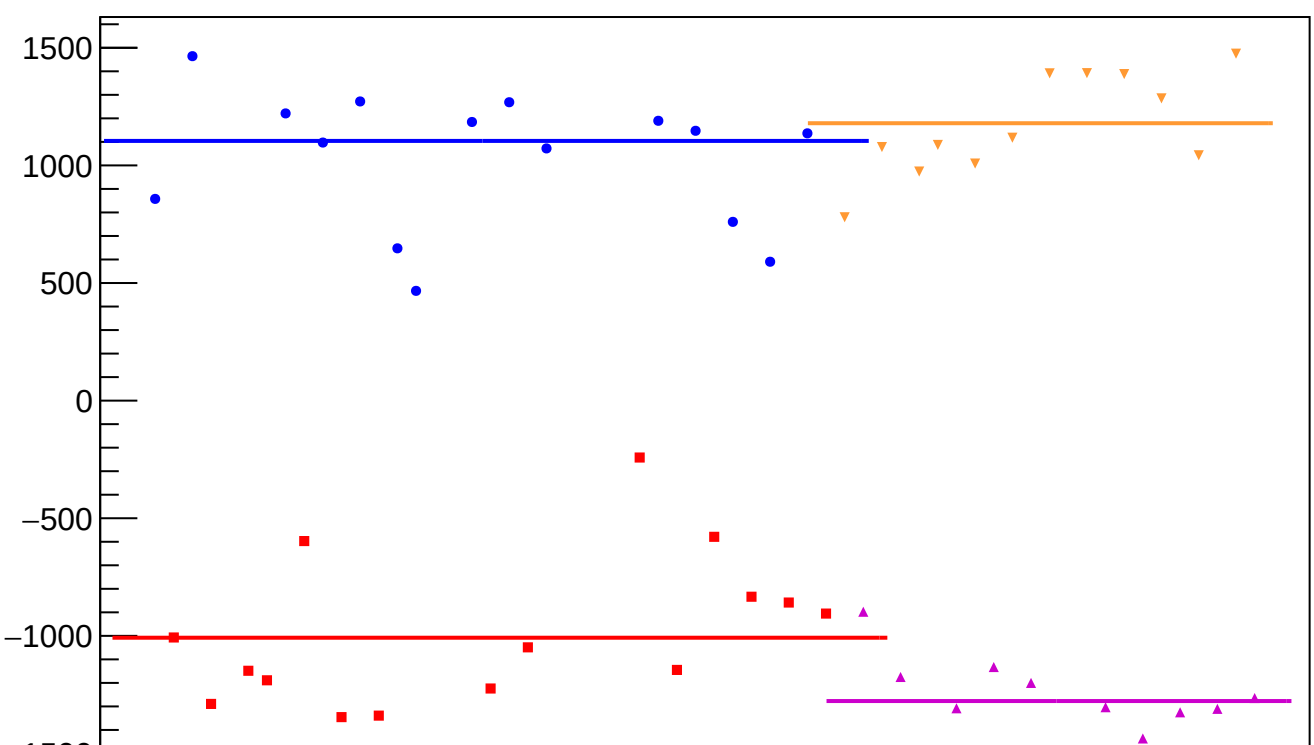
All: 0.010+/-0.000 χ^2/NDF: 5374982991435 4

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: 0.004+/-0.000 χ^2/NDF: 27594858438302610
Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14
Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244
Left Out: 0.387+/-0.000 χ^2/NDF:7656532010606705303389852401664.0/11
In: 0.126+/-0.000 χ^2/NDF:8214812118150652652
Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15
Out: -0.132+/-0.000 χ^2/NDF:8441698023007620 5
Left In: -0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10
All: -0.003+/-0.000 χ^2/NDF: 1718408465884

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

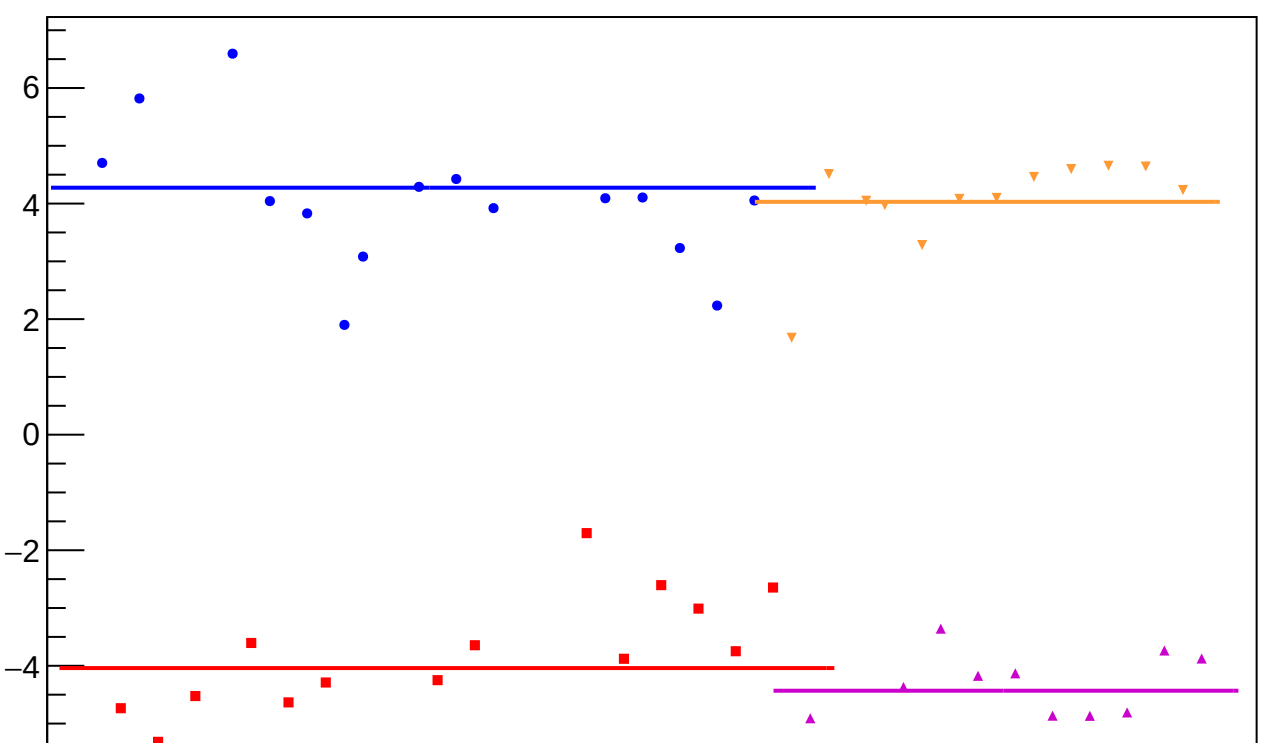
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eY_coil3_mean vs Slug, Sign Corrected



Left: -0.224+/-0.000 χ^2/NDF: 33846784910567174

Right In: 4.275+/-0.000 χ^2/NDF: 597188707898198851792415435522048.0/14

Right: 0.061+/-0.000 χ^2/NDF: 24108117163015416

Left Out: 4.030+/-0.000 χ^2/NDF:600797720921367466879695481470976.0/11

In: -0.839+/-0.000 χ^2/NDF:298405306819524431

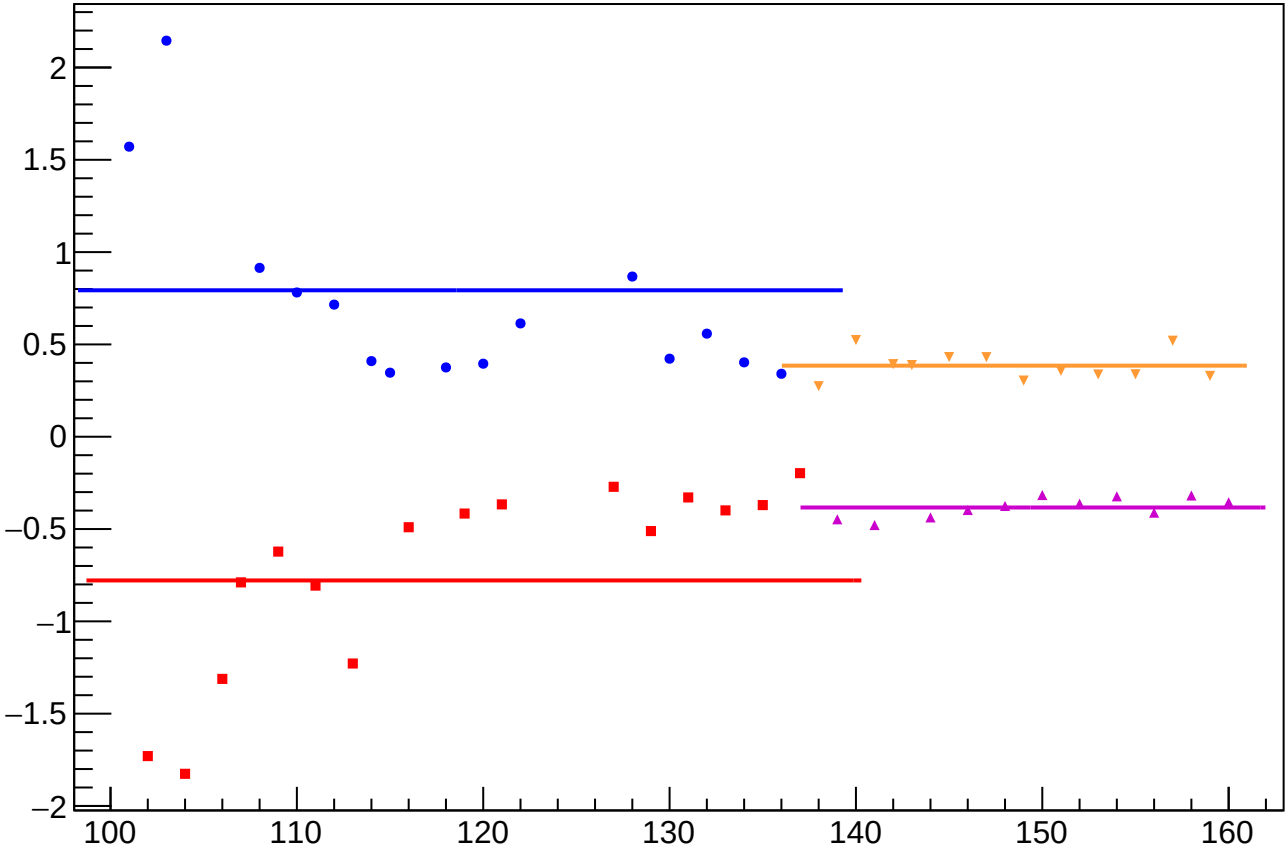
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

Out: 0.626+/-0.000 χ^2/NDF:264837106487294890

Left In: -4.432+/-0.000 χ^2/NDF:345602703191245770554210363899904.0/10

All: -0.105+/-0.000 χ^2/NDF: 5801697378090

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.001+/-0.000 χ^2/NDF: 27939551285001420

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.385+/-0.000 χ^2/NDF:5547784180240414411423653822464.0/11

In: 0.102+/-0.000 χ^2/NDF:7258405978340592610

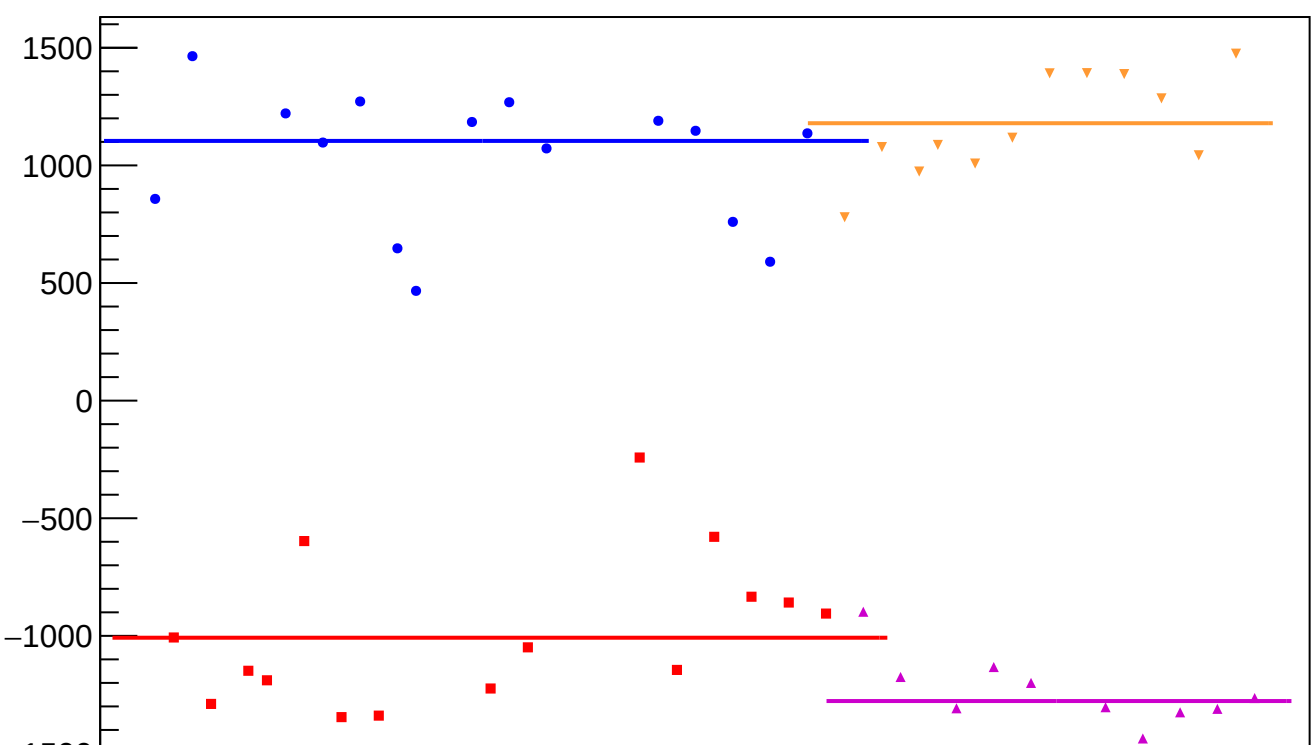
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Out: -0.106+/-0.000 χ^2/NDF:71330081373871588

Left In: -0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

All: -0.002+/-0.000 χ^2/NDF: 1473239916142

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

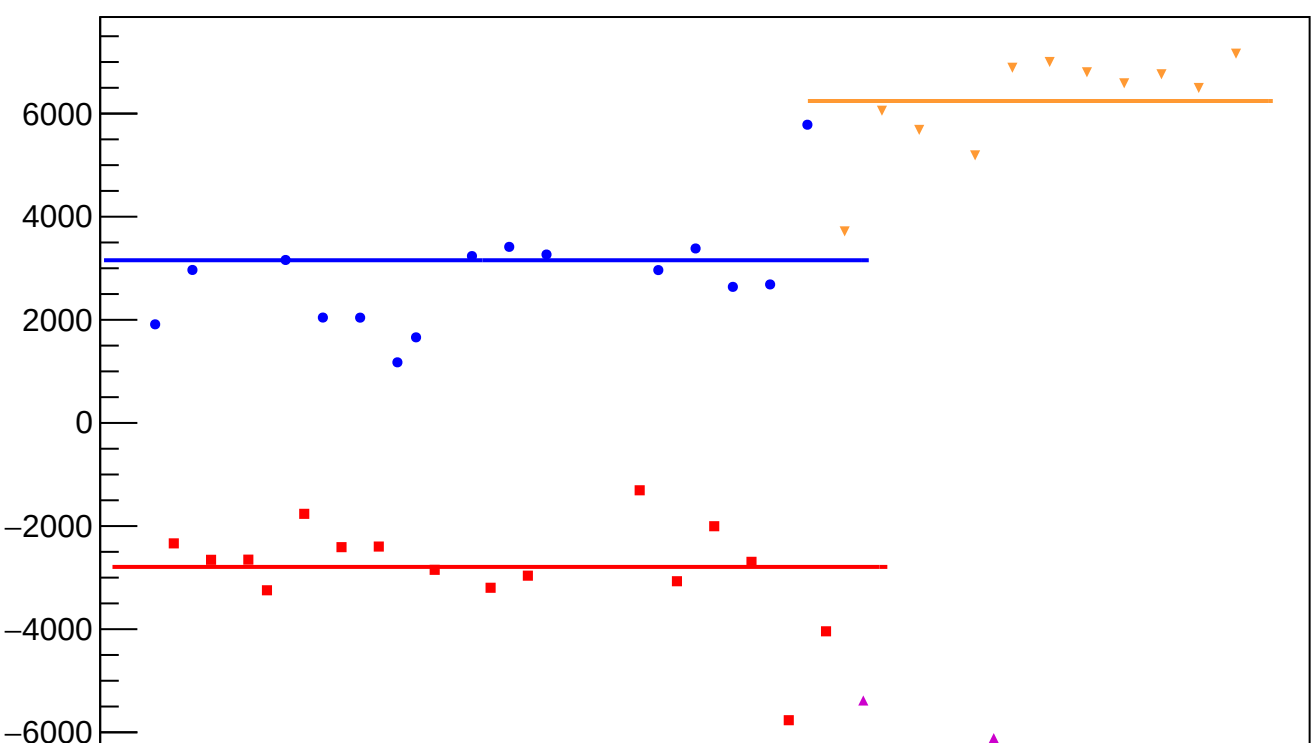
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_usl_coil3_mean vs Slug, Sign Corrected



Left: -455.070+/-0.000 χ^2/NDF: 738907970764408

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 6243.976+/-0.000 χ^2/NDF:811230786168378302780139165688711348224.0/10

In: -2572.599+/-0.000 χ^2/NDF:373790912122959

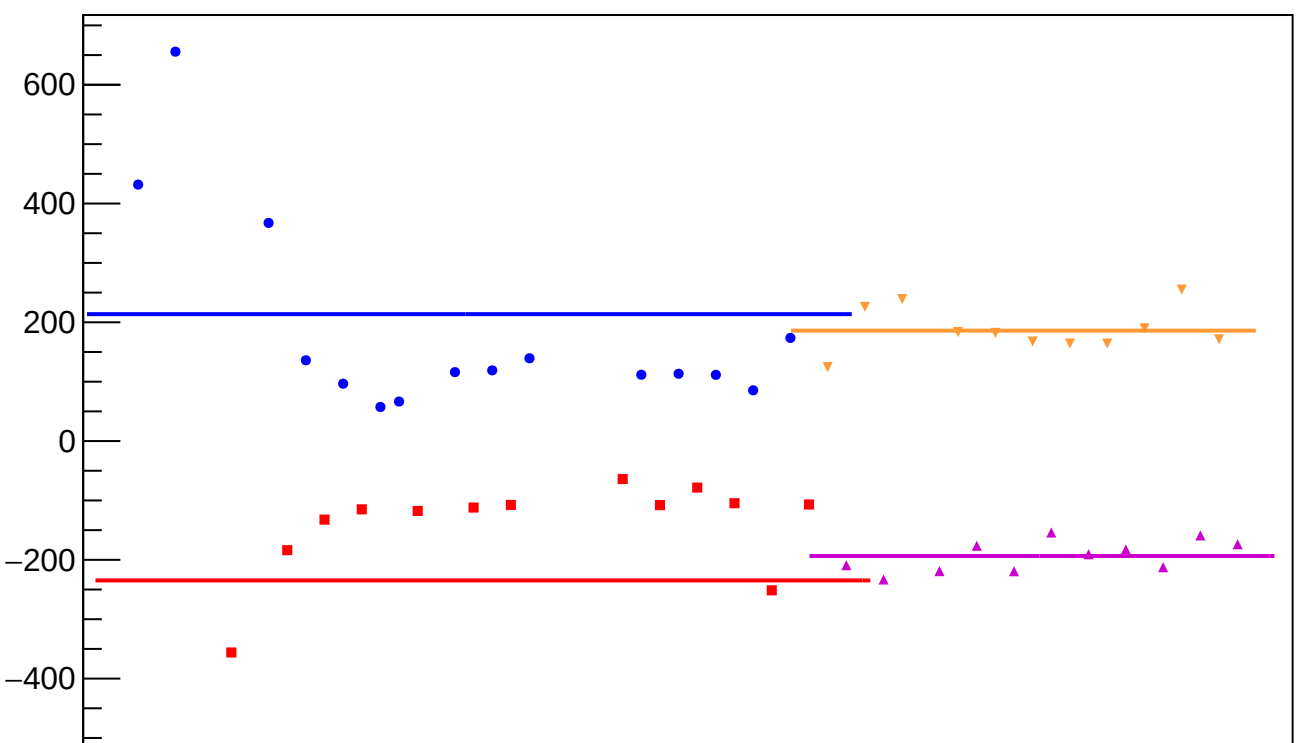
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Out: 2263.025+/-0.000 χ^2/NDF:319547842055844

Left In: -6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640936 96.0/10

All: -200.997+/-0.000 χ^2/NDF: 87373315799

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Left: -12.048+/-0.000 χ^2/NDF: 6529786806410777

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 185.948+/-0.000 χ^2/NDF:105770660759576758358797484664081612 8.0/10

In: -25.504+/-0.000 χ^2/NDF:83555095892474159

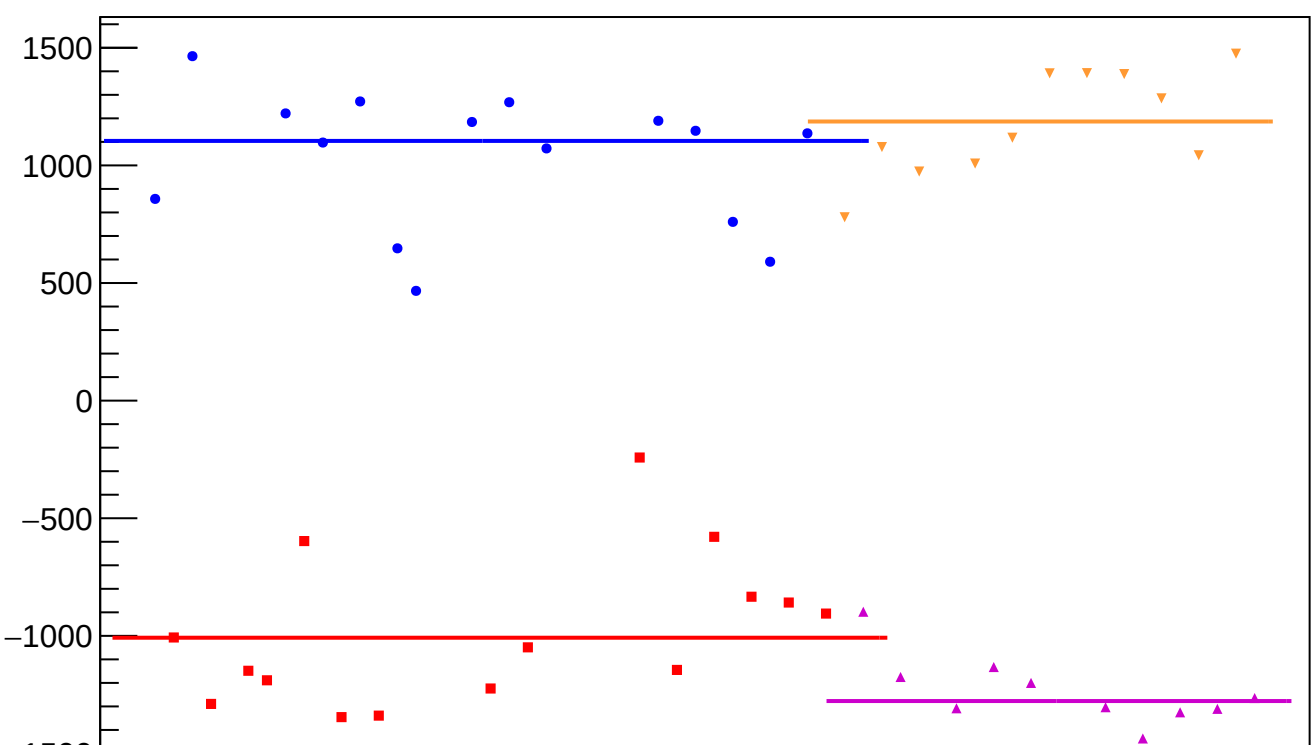
Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Out: 0.624+/-0.000 χ^2/NDF:91101505567681952 5

Left In: -193.543+/-0.000 χ^2/NDF:5989311506442933326802170578814894 08.0/10

All: -12.690+/-0.000 χ^2/NDF: 175183232937

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 3273784159158745425152190642154530406 4.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF:381272901824193730906366146032361799 68.0/10

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

Left: -98.791+/-0.000 χ^2/NDF: 2750108583859337

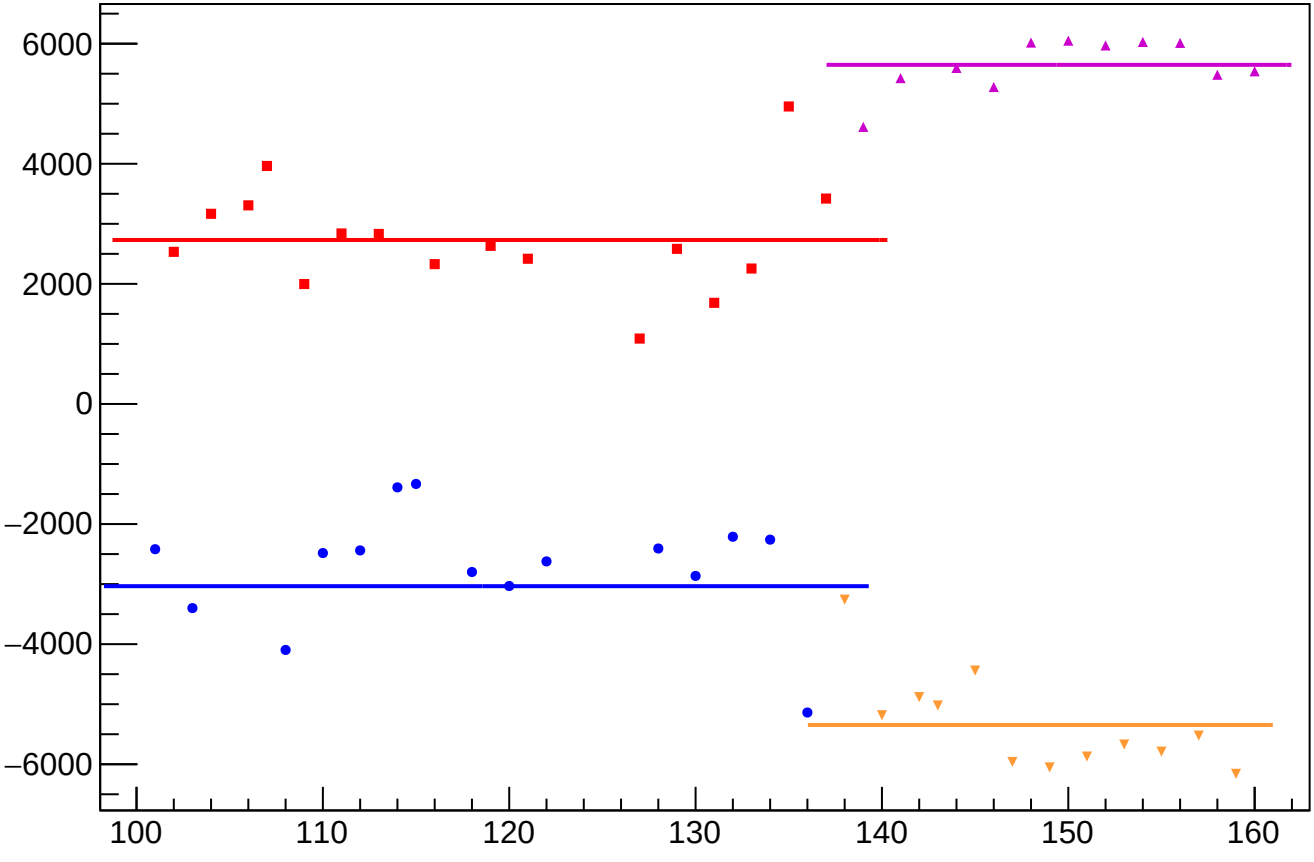
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 219.820+/-0.000 χ^2/NDF:190429861464471 8

All: -42.327+/-0.000 χ^2/NDF: 433243619432

dit_usr_coil3_mean vs Slug, Sign Corrected



Left: 180.580+/-0.000 χ^2/NDF: 5629644567862069

Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -5346.287+/-0.000 χ^2/NDF:5958304557748005533830020957823377080 32.0/11

In: 2065.482+/-0.000 χ^2/NDF:2953204271382502

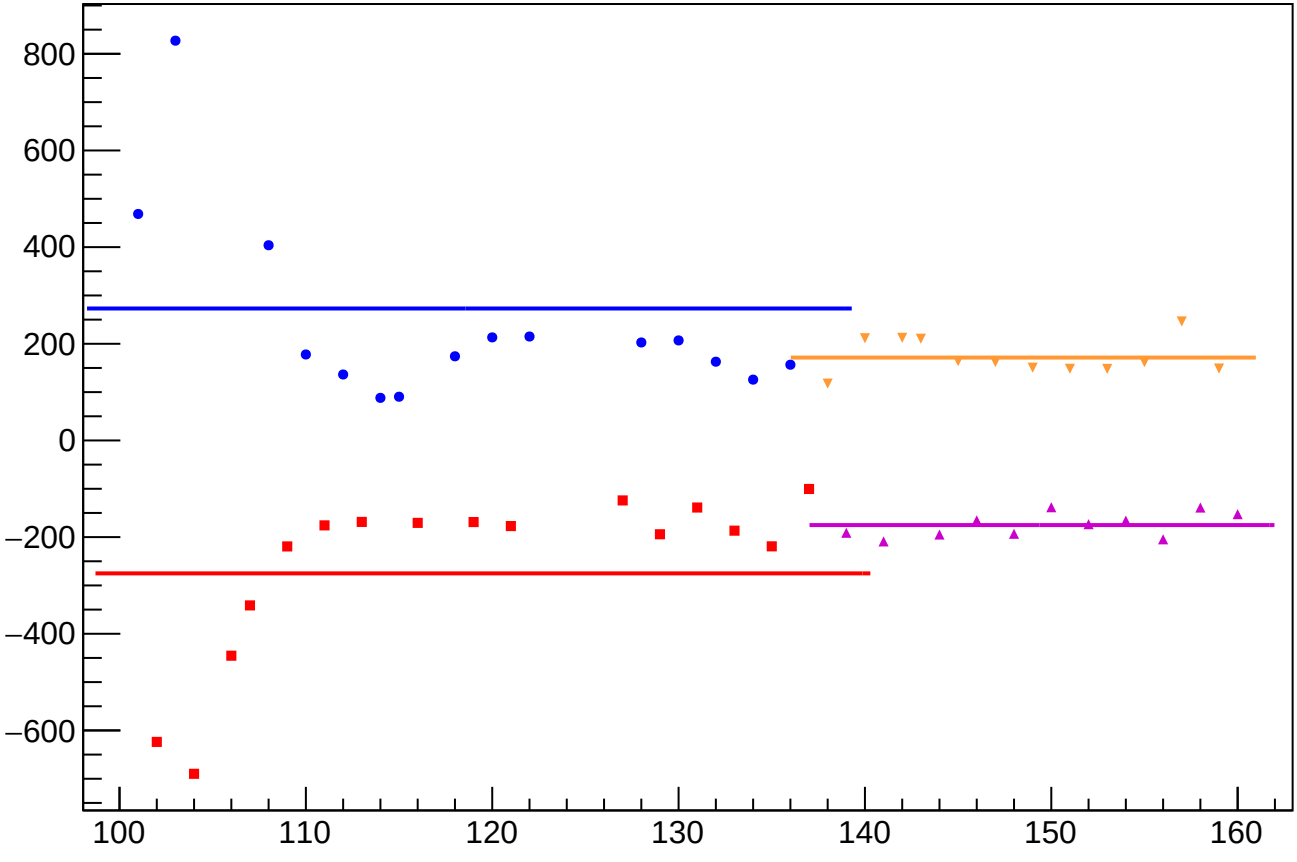
Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

Out: -1938.587+/-0.000 χ^2/NDF:26282051967126

Left In: 5647.632+/-0.000 χ^2/NDF:16421431290803564521512635693549171507 2.0/10

All: 58.370+/-0.000 χ^2/NDF: 684556968477

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Left: -2.734+/-0.000 χ^2/NDF: 56898976586589757

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152

Left Out: 171.517+/-0.000 χ^2/NDF:116220444612441845226576344420607590 4.0/11

In: 9.796+/-0.000 χ^2/NDF:10358026016022770 92

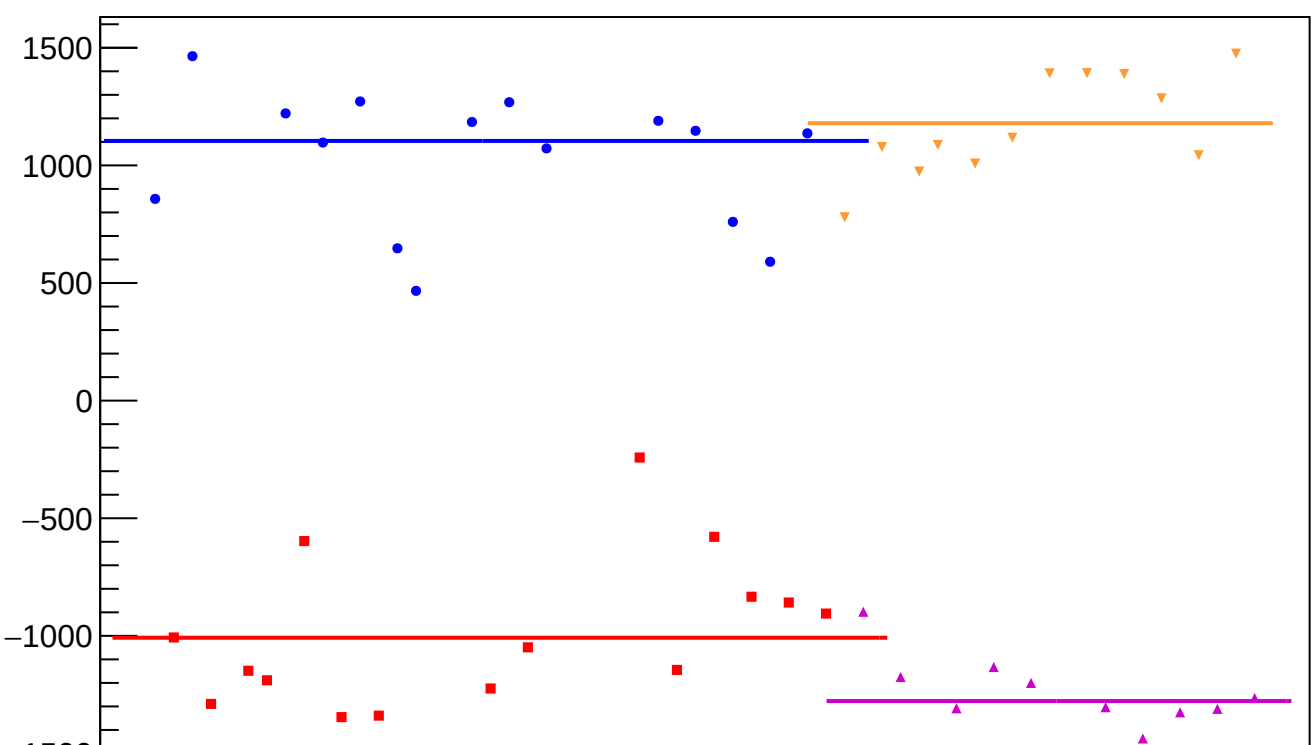
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

Out: -16.880+/-0.000 χ^2/NDF:1003225780915381

Left In: -175.100+/-0.000 χ^2/NDF:5323199057603165228144709090966241 28.0/10

All: -3.576+/-0.000 χ^2/NDF: 2044639421545

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

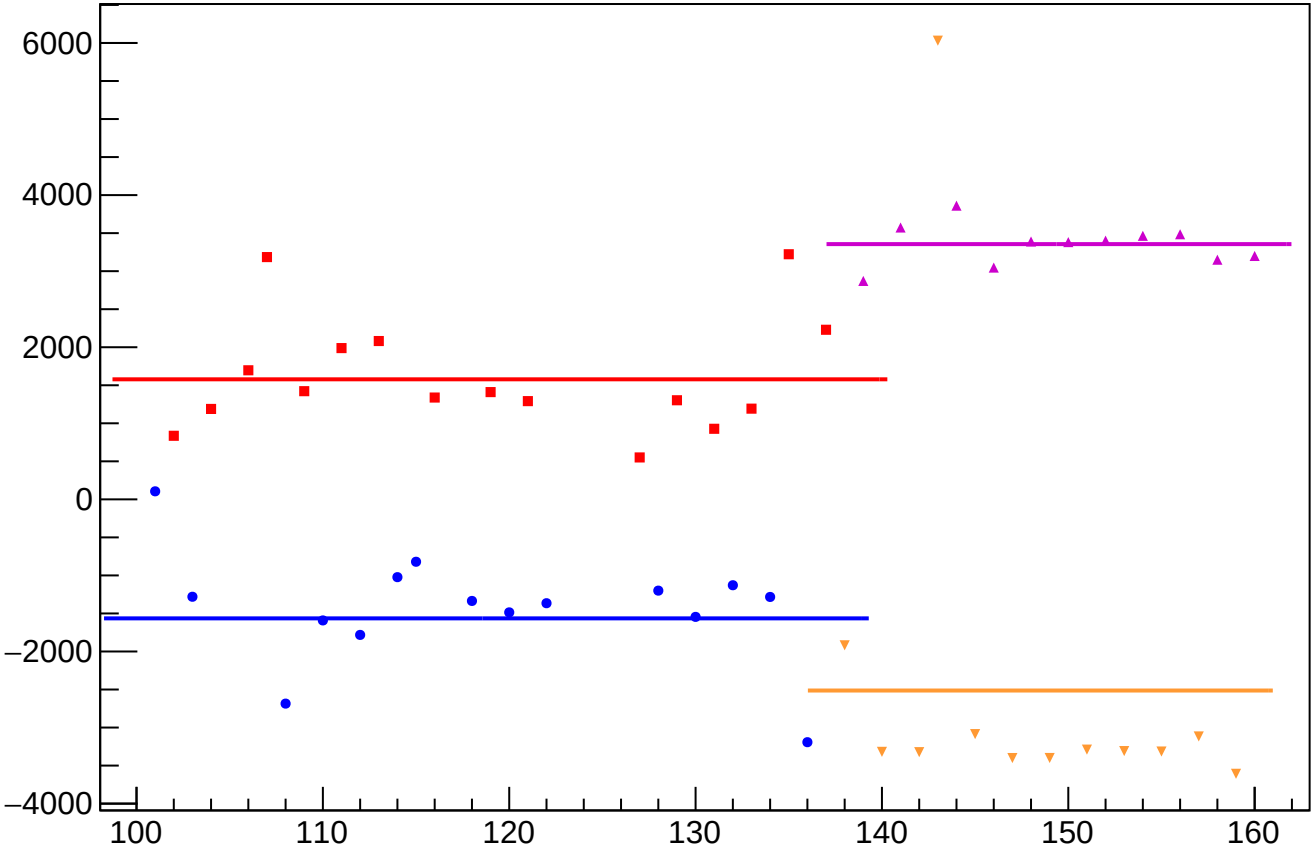
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

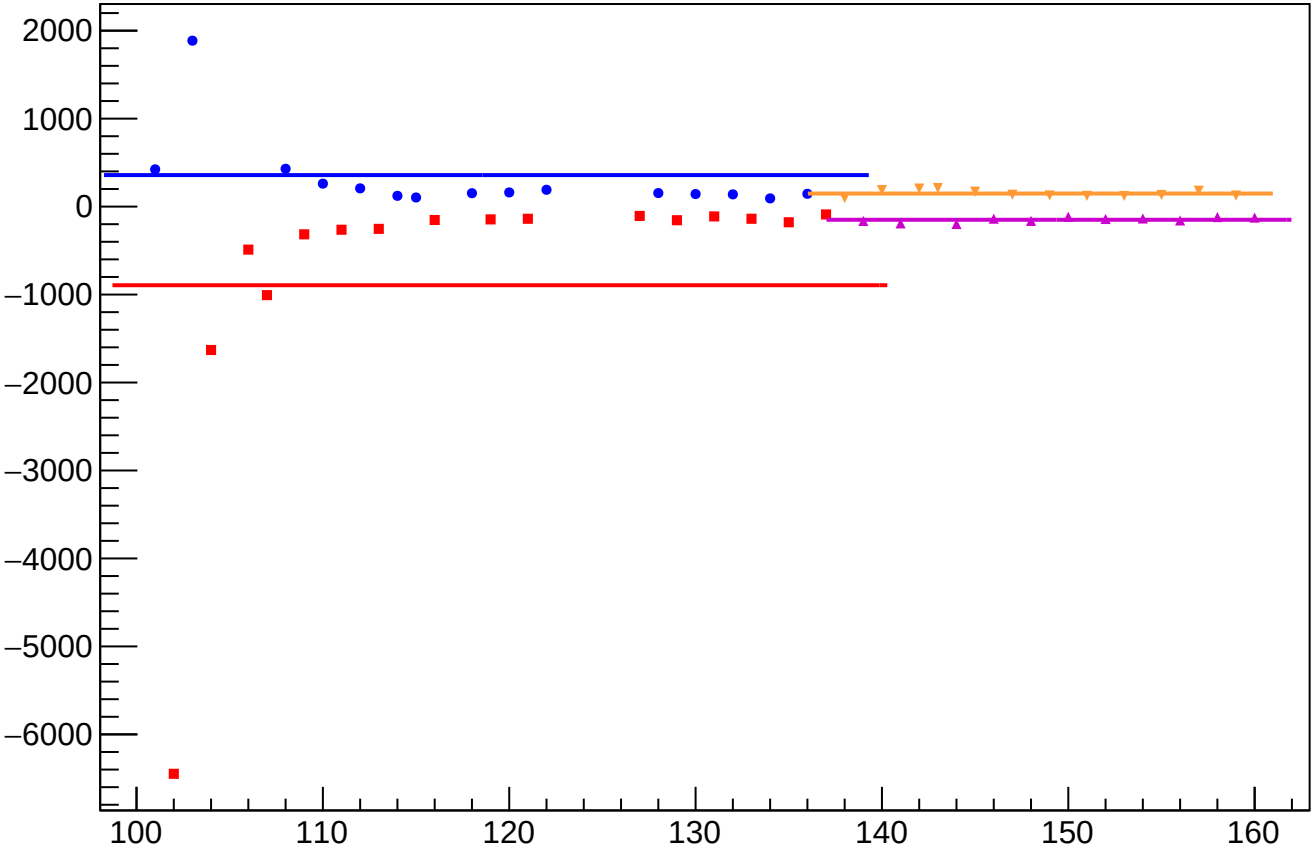
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl1_coil3_mean vs Slug, Sign Corrected



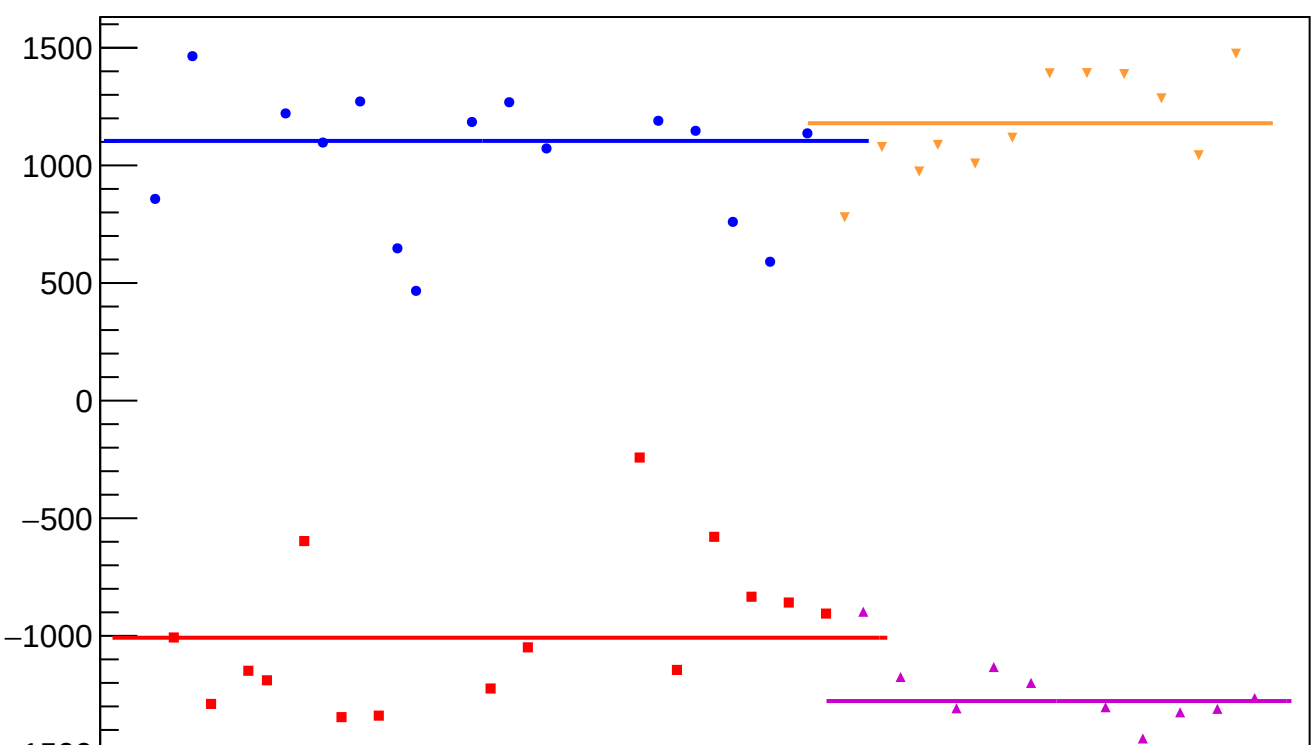
Left: 437.231+/-0.000 χ^2/NDF: 2131924326486959
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 5
Right Out: 1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
Out: -787.099+/-0.000 χ^2/NDF:122542710245159
Left In: 3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10
All: 266.599+/-0.000 χ^2/NDF: 25548755731

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.546+/-0.000 χ^2/NDF: 42591718488855068
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 148.359+/-0.000 χ^2/NDF:10902863317333660825812569708078039 04.0/11
In: 59.728+/-0.000 χ^2/NDF:25691507799210532
Right Out: -893.897+/-0.000 χ^2/NDF: 20759201557742010435726956567978039 05024.0/15
Out: -291.353+/-0.000 χ^2/NDF:249588983045036
Left In: -149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10
All: -116.258+/-0.000 χ^2/NDF: 28499930865

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

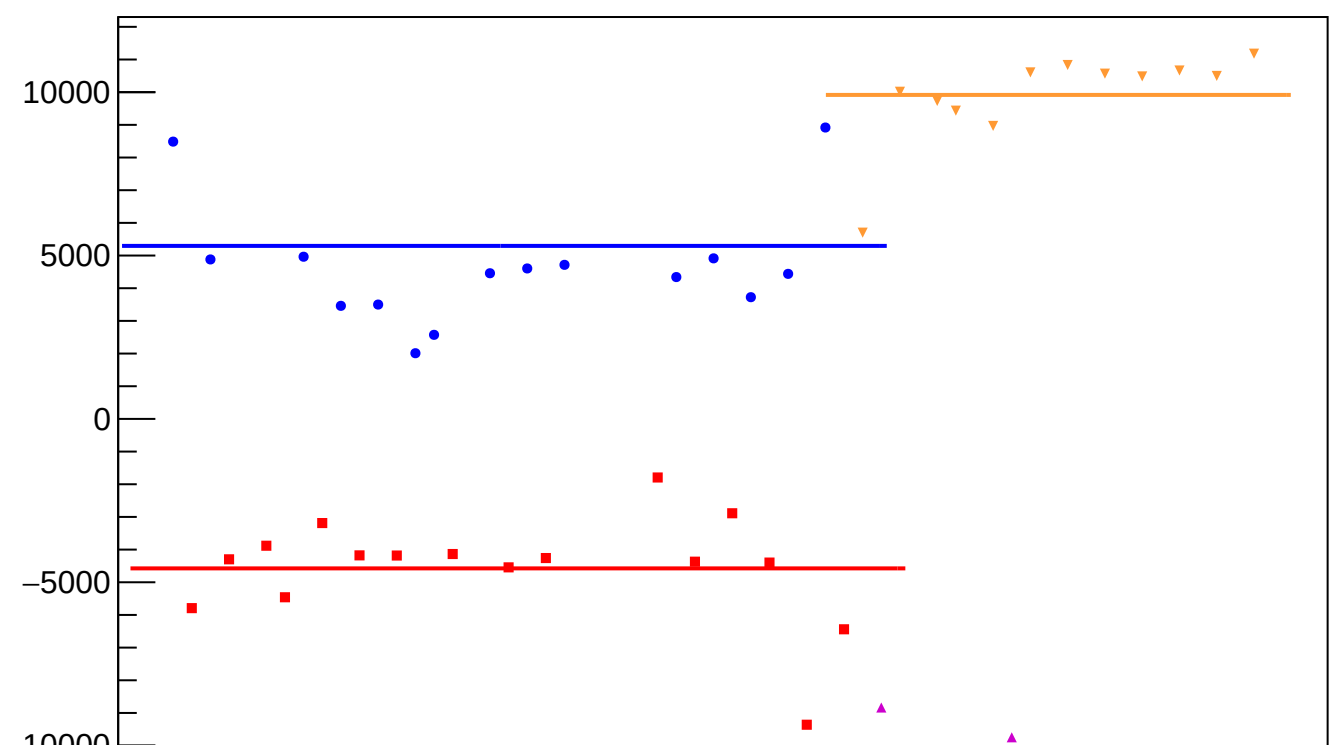
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl2_coil3_mean vs Slug, Sign Corrected



Left: -394.633+/-0.000 χ^2/NDF: 195607955774954

Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

Left Out: 9916.420+/-0.000 χ^2/NDF:184071439275717483725448177147911654604 8.0/11

In: -4038.254+/-0.000 χ^2/NDF:992282671575764

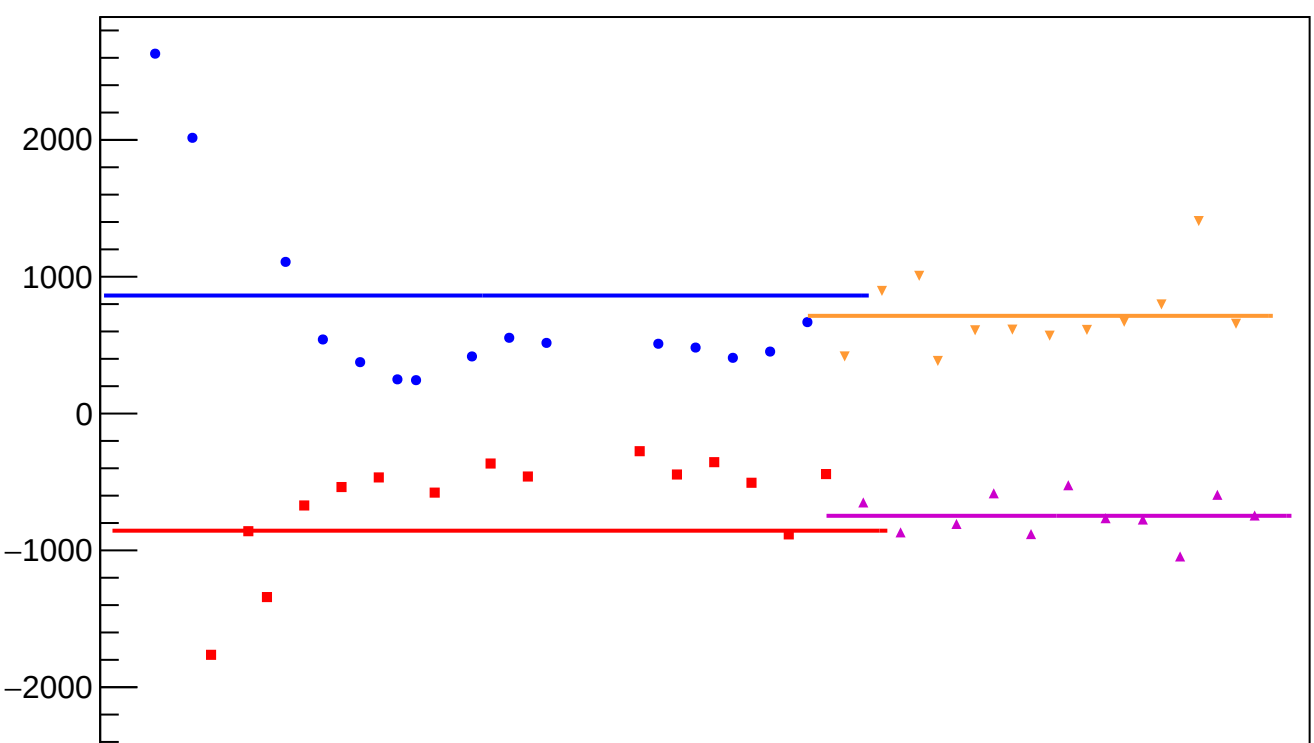
Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Out: 3802.595+/-0.000 χ^2/NDF:846841188462188

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

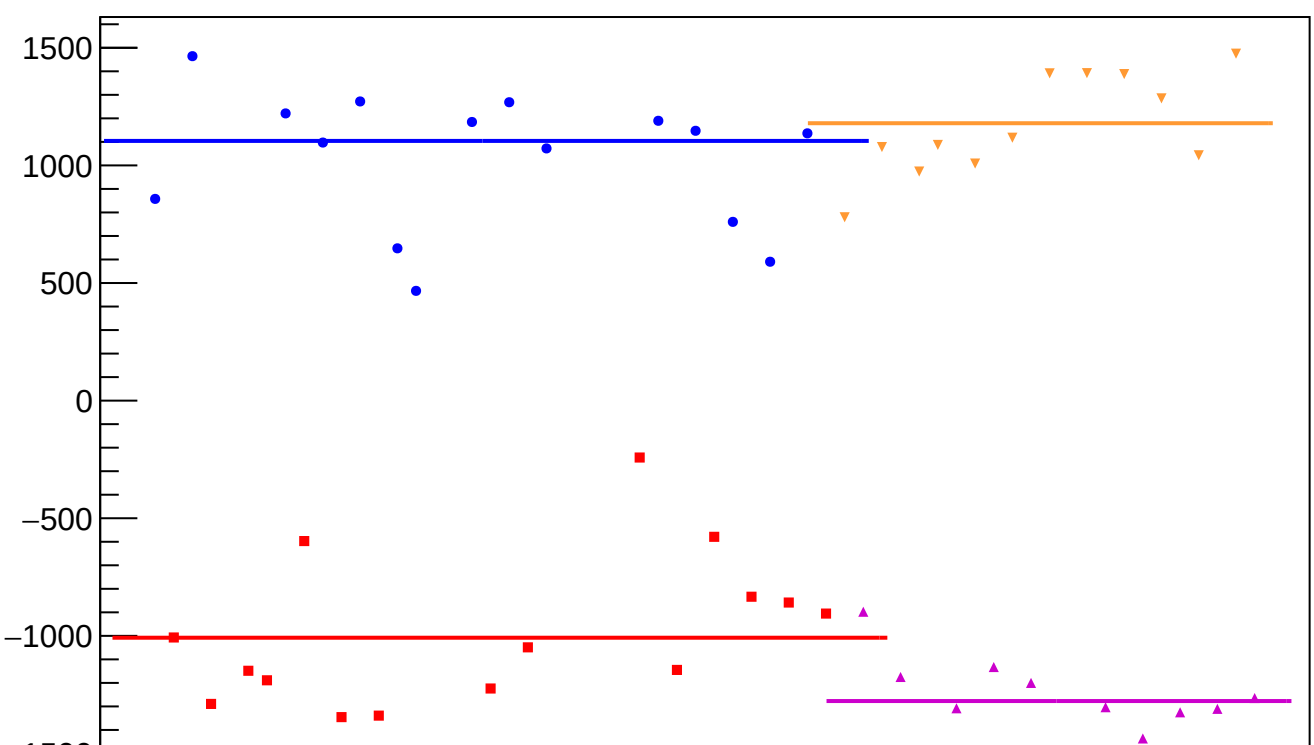
All: -107.886+/-0.000 χ^2/NDF: 23238819396

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Left: -20.503+/-0.000 χ^2/NDF: 1065064961511877
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 714.221+/-0.000 χ^2/NDF:6393682365708312414092225163706551500 8.0/11
In: -83.027+/-0.000 χ^2/NDF:13454995318402178
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
Out: 51.744+/-0.000 χ^2/NDF:1341942923565859 5
Left In: -747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10
All: -15.471+/-0.000 χ^2/NDF: 270176391125

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

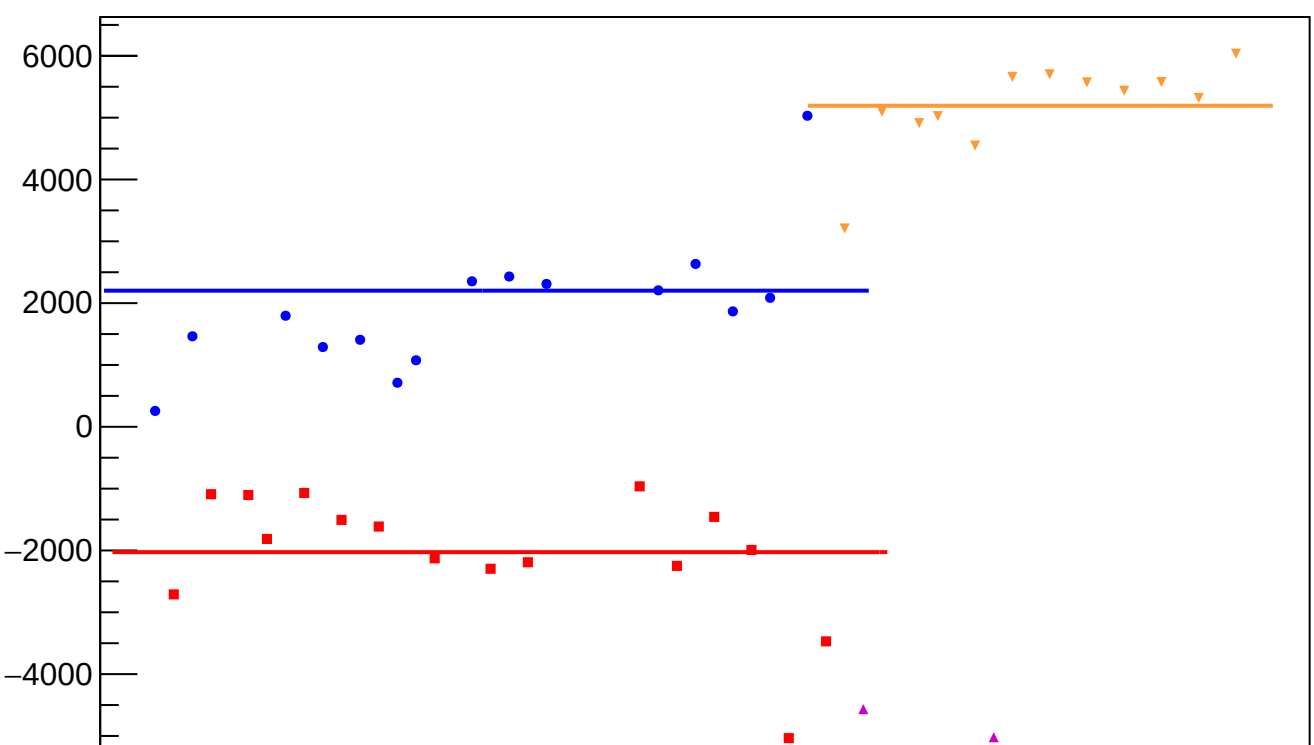
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

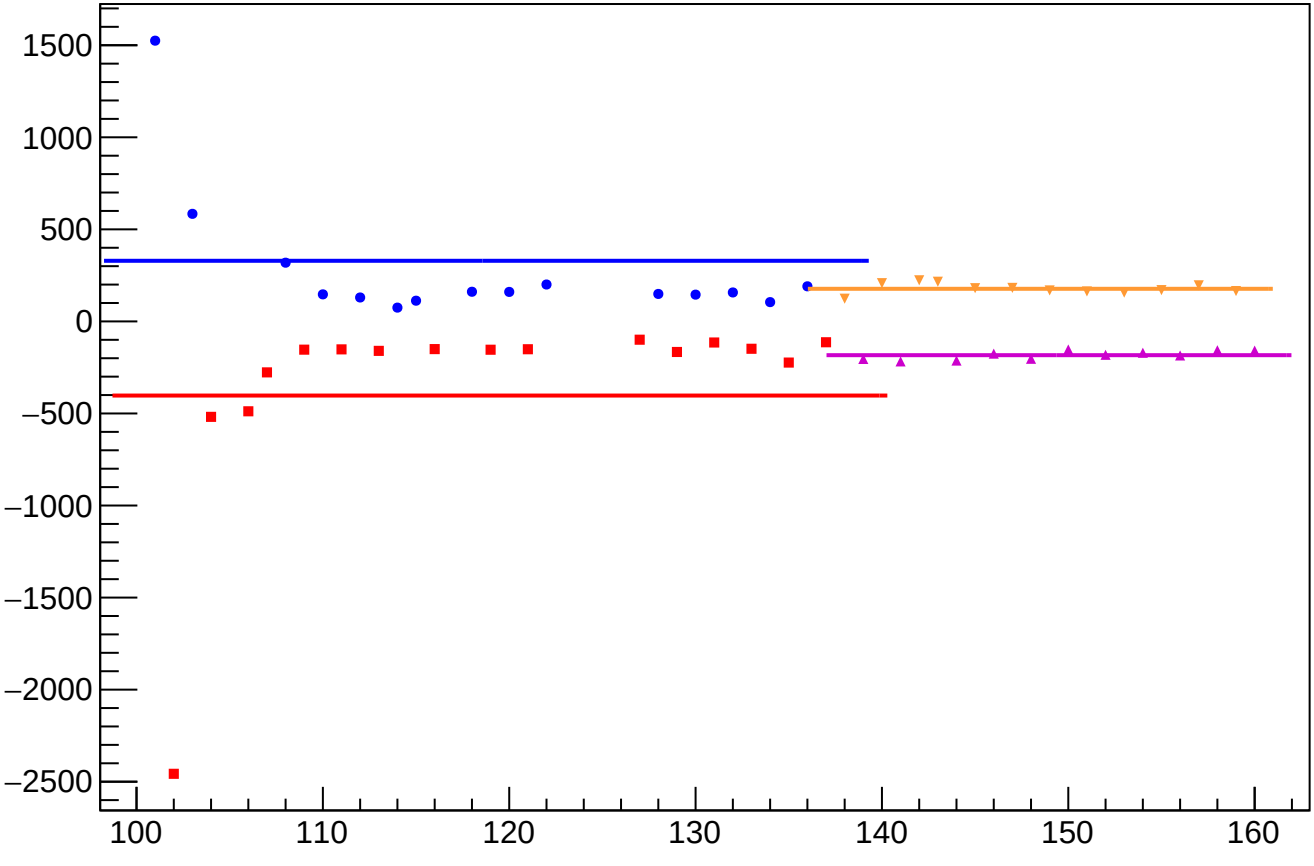
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr1_coil3_mean vs Slug, Sign Corrected



Left: -172.148+/-0.000 χ^2/NDF: 529181779614152
Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14
Right: 58.517+/-0.000 χ^2/NDF: 767753071120733
Left Out: 5192.476+/-0.000 χ^2/NDF:4703171184355329372001483465086247895 04.0/11
In: -2309.812+/-0.000 χ^2/NDF:236998936360445
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15
Out: 2146.701+/-0.000 χ^2/NDF:212767096674295
Left In: -5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10
All: -75.903+/-0.000 χ^2/NDF: 606365125250

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Left: -4.136+/-0.000 χ^2/NDF: 60775791706189373

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 177.101+/-0.000 χ^2/NDF:604256347376555065664943941601984512.0/11

In: 28.098+/-0.000 χ^2/NDF:203925218655573400

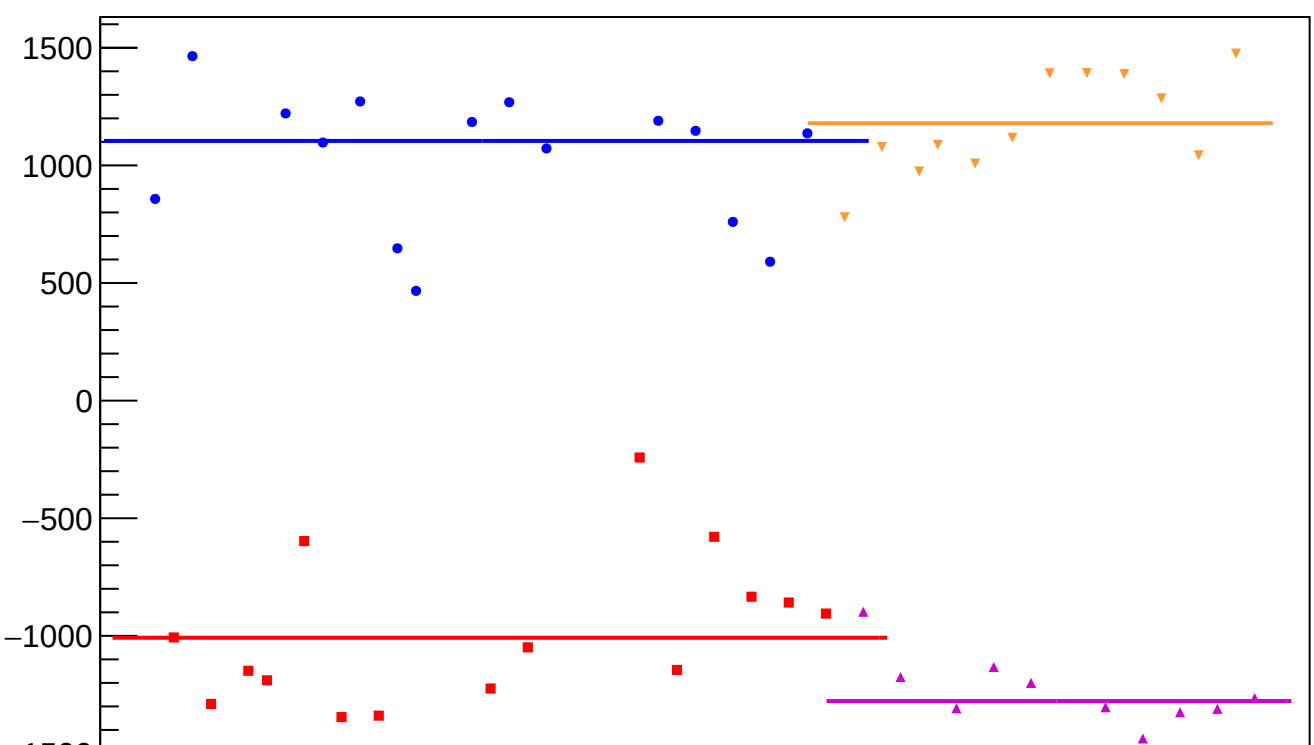
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Out: -67.504+/-0.000 χ^2/NDF:4078634459098727

Left In: -183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

All: -19.824+/-0.000 χ^2/NDF: 618995356861

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

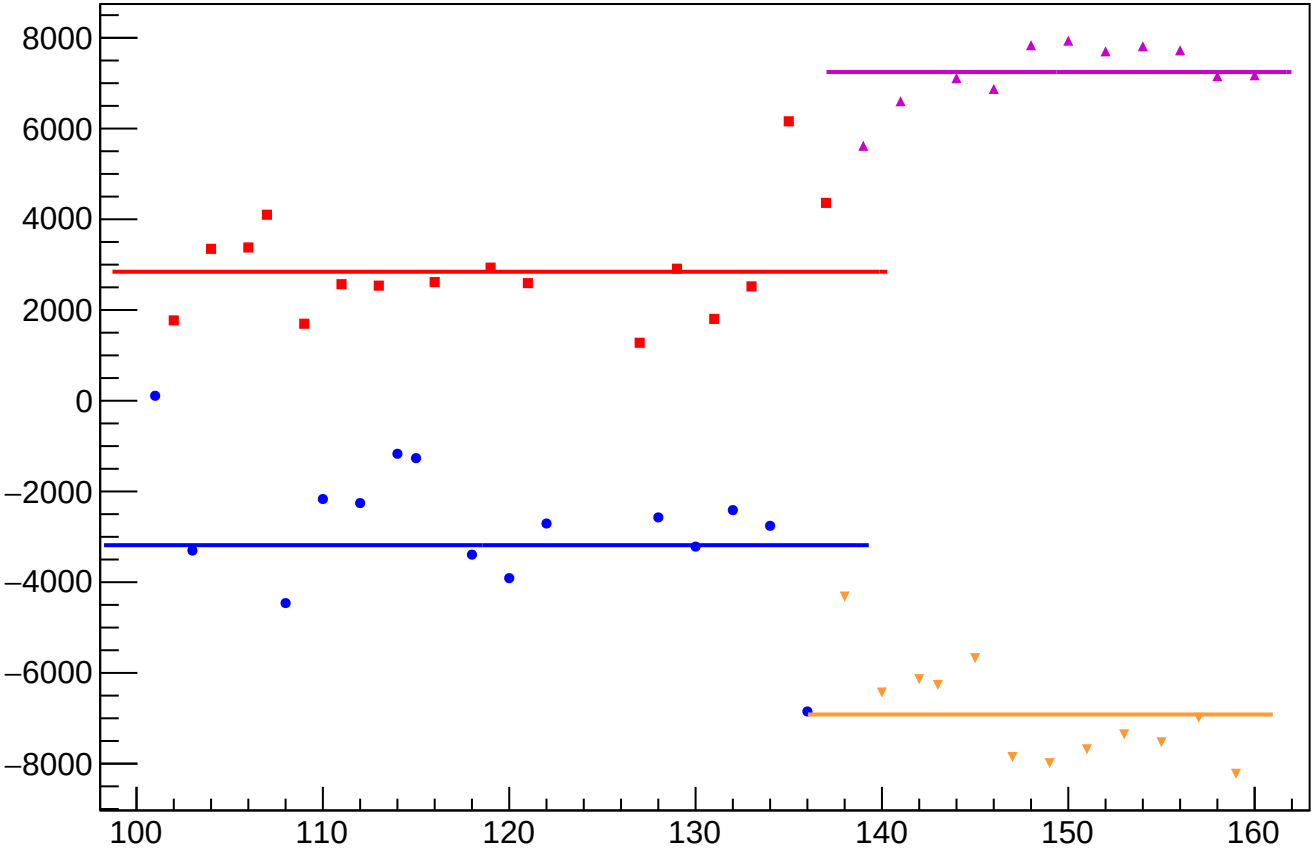
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr2_coil3_mean vs Slug, Sign Corrected



Left: 203.352+/-0.000 χ^2/NDF: 9367664182142015

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11

In: 2942.696+/-0.000 χ^2/NDF:440076230139336

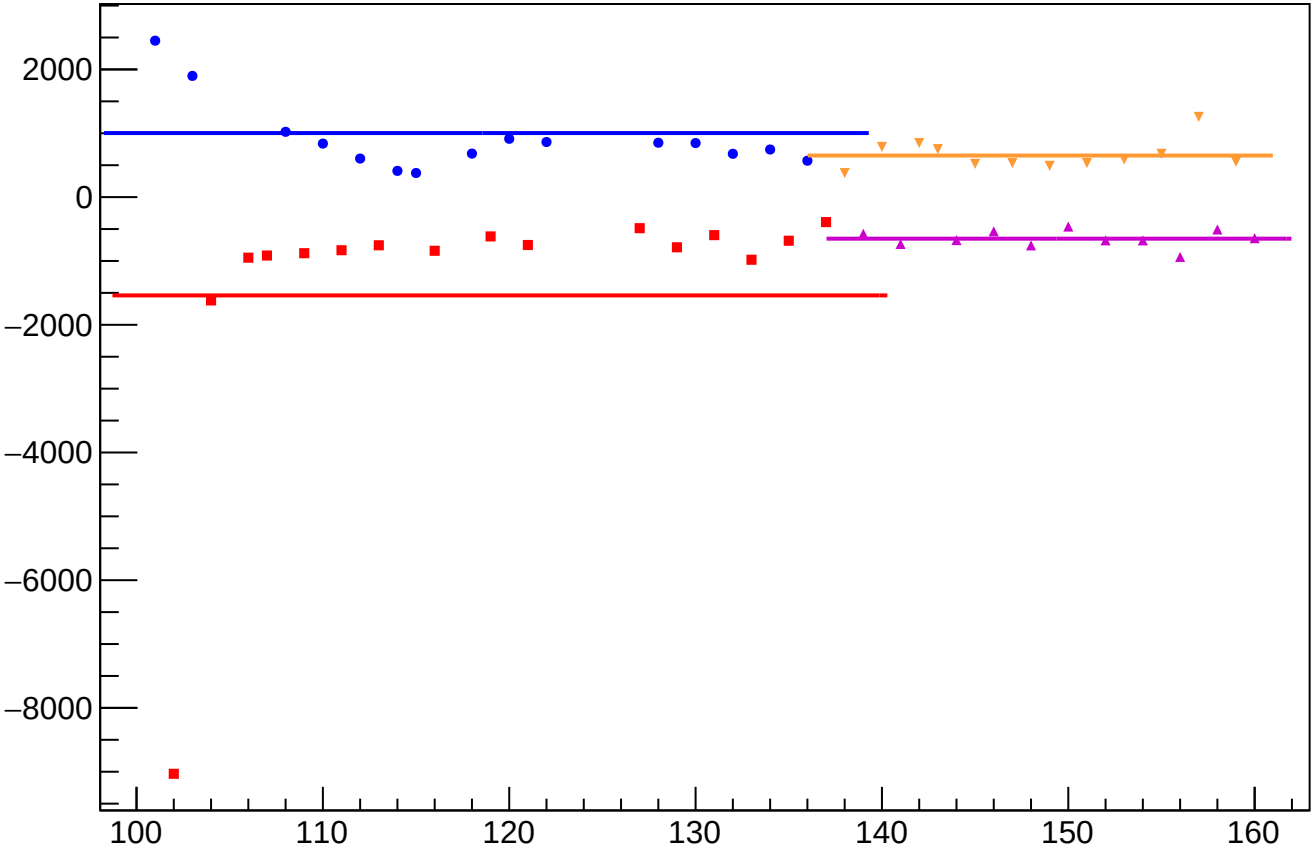
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -2798.729+/-0.000 χ^2/NDF:38794467171221

Left In: 7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

All: 64.702+/-0.000 χ^2/NDF: 1087940046919

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Left: -3.137+/-0.000 χ^2/NDF: 83969979485831992

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 651.582+/-0.000 χ^2/NDF:455794167001883893408997837934973419 52.0/11

In: 31.723+/-0.000 χ^2/NDF:12777531753239734 2

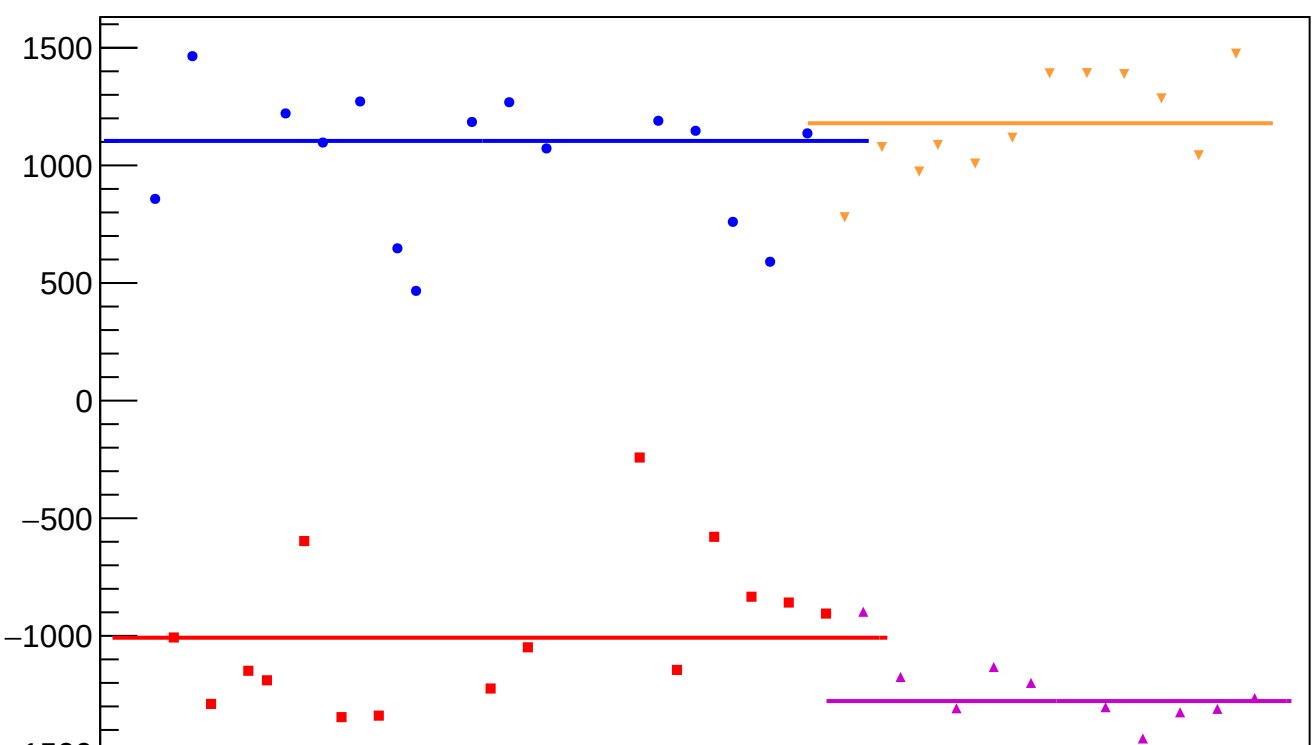
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -272.831+/-0.000 χ^2/NDF:551168647234999

Left In: -650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

All: -120.940+/-0.000 χ^2/NDF: 68625749232

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

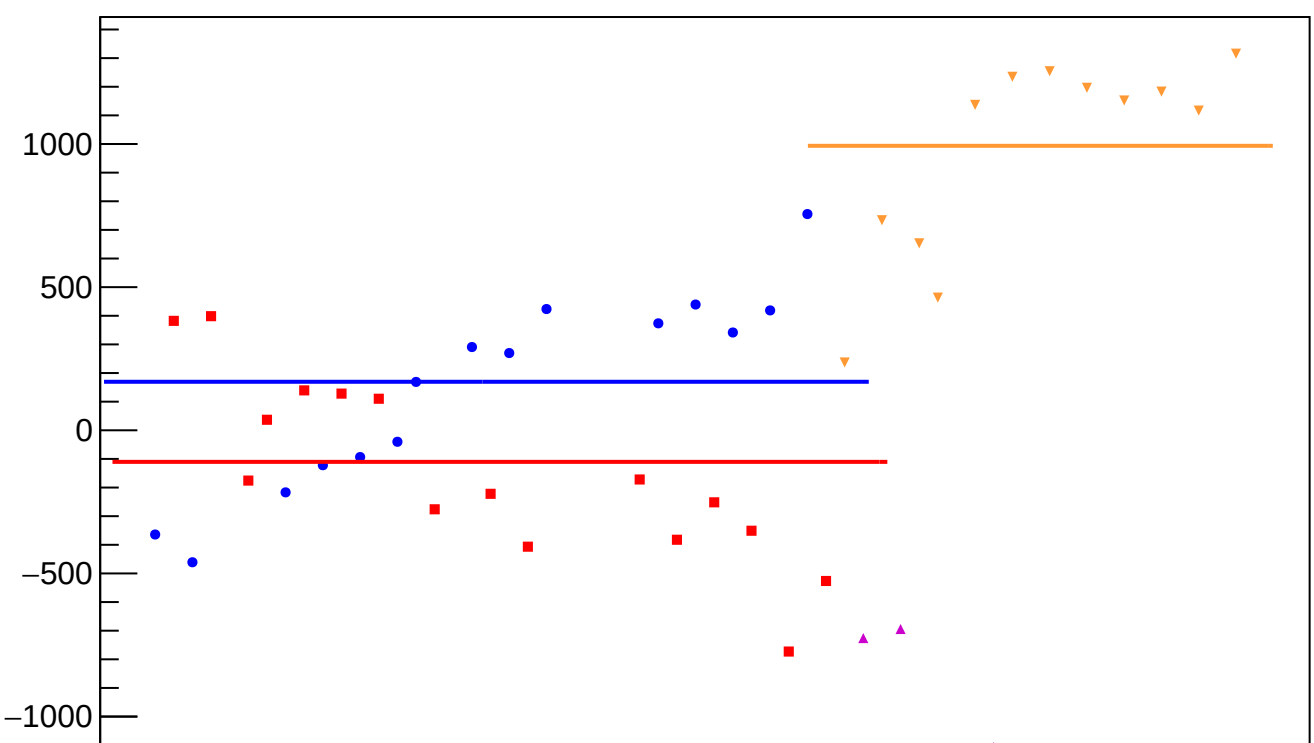
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam1_coil3_mean vs Slug, Sign Corrected



Left: -63.985+/-0.000 χ^2/NDF: 2171788673126913

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Right: 27.687+/-0.000 χ^2/NDF: 192954558913151 3

Left Out: 993.680+/-0.000 χ^2/NDF:1038717440932718621362705275420378398 72.0/11

In: -582.219+/-0.000 χ^2/NDF:7538236455803364

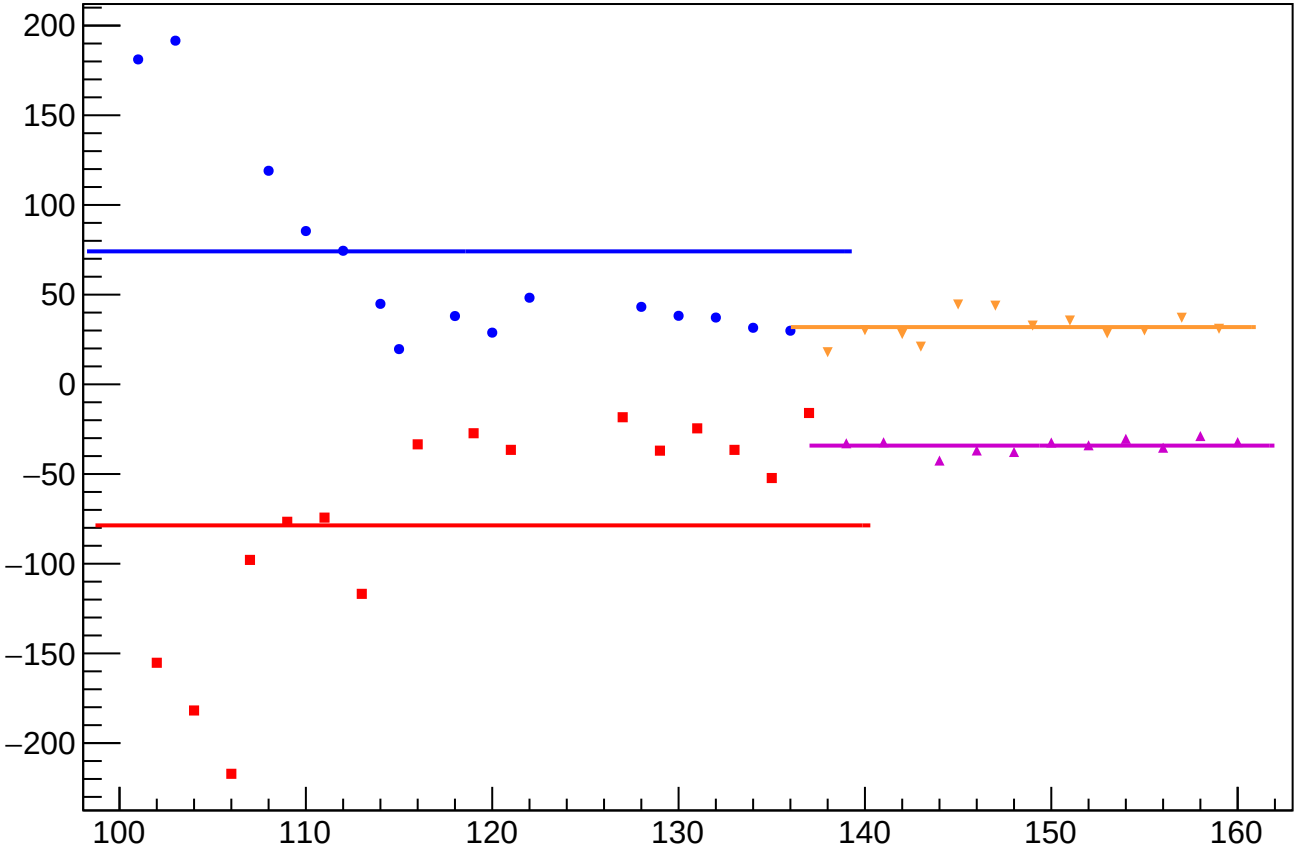
Right Out: -110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988 1216.0/15

Out: 527.933+/-0.000 χ^2/NDF:645595104234672 9

Left In: -1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

All: -25.735+/-0.000 χ^2/NDF: 23711880773 7

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.301+/-0.000 χ^2/NDF: 20709383858678459

Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 31.916+/-0.000 χ^2/NDF:5239113497147644680116473780240384 0.0/11

In: 10.520+/-0.000 χ^2/NDF:66512492434564945 7

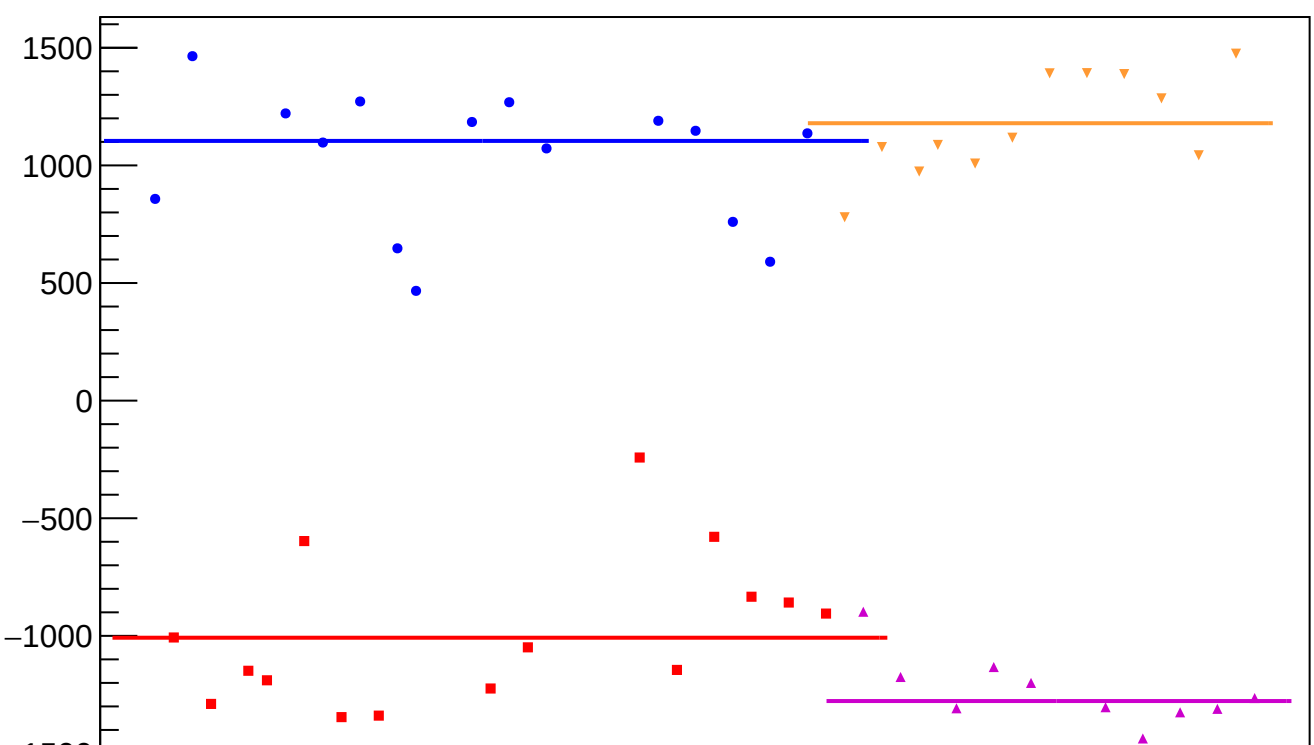
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Out: -14.723+/-0.000 χ^2/NDF:7108066763798732

Left In: -34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

All: -2.134+/-0.000 χ^2/NDF: 1426173775487

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

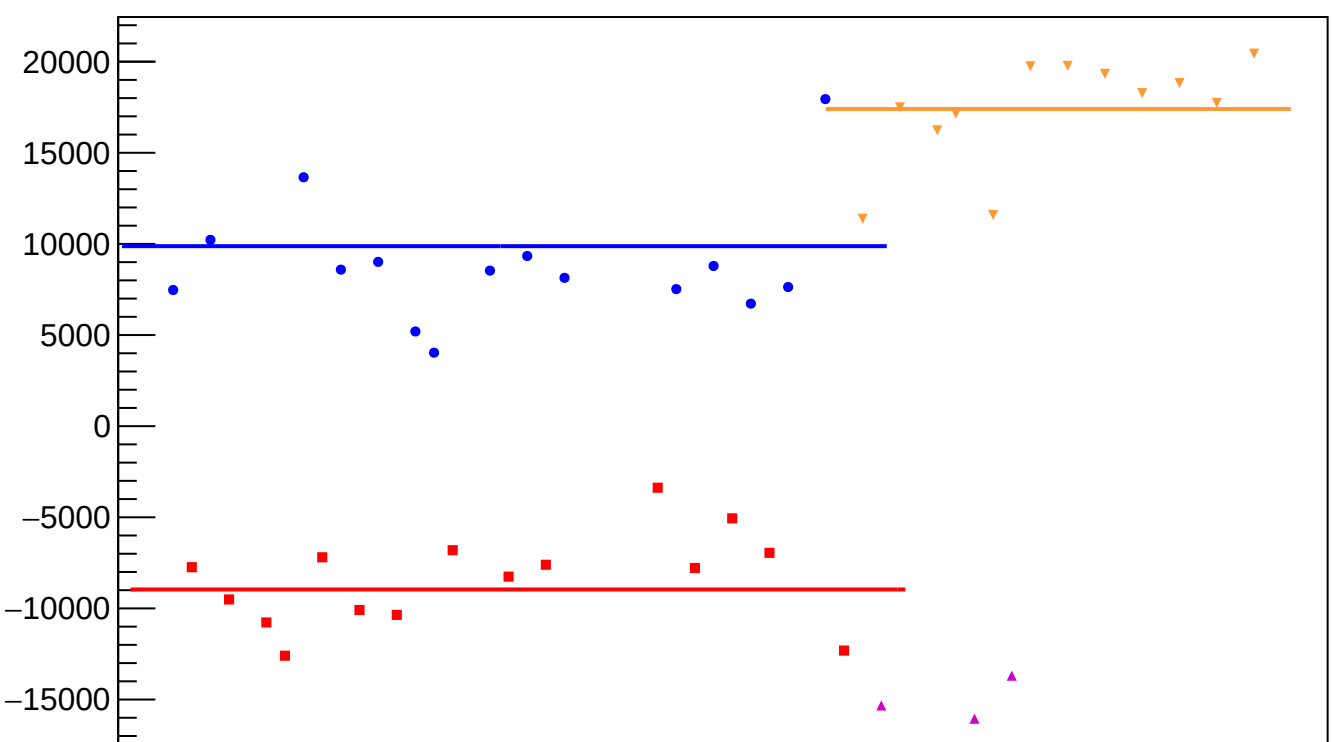
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam2_coil3_mean vs Slug, Sign Corrected



Left: -374.952+/-0.000 χ^2/NDF: 586010235145189

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

Left Out: 17405.049+/-0.000 χ^2/NDF:76898016710993787915445454221756648652 80.0/11

In: -6476.484+/-0.000 χ^2/NDF:307506960113677

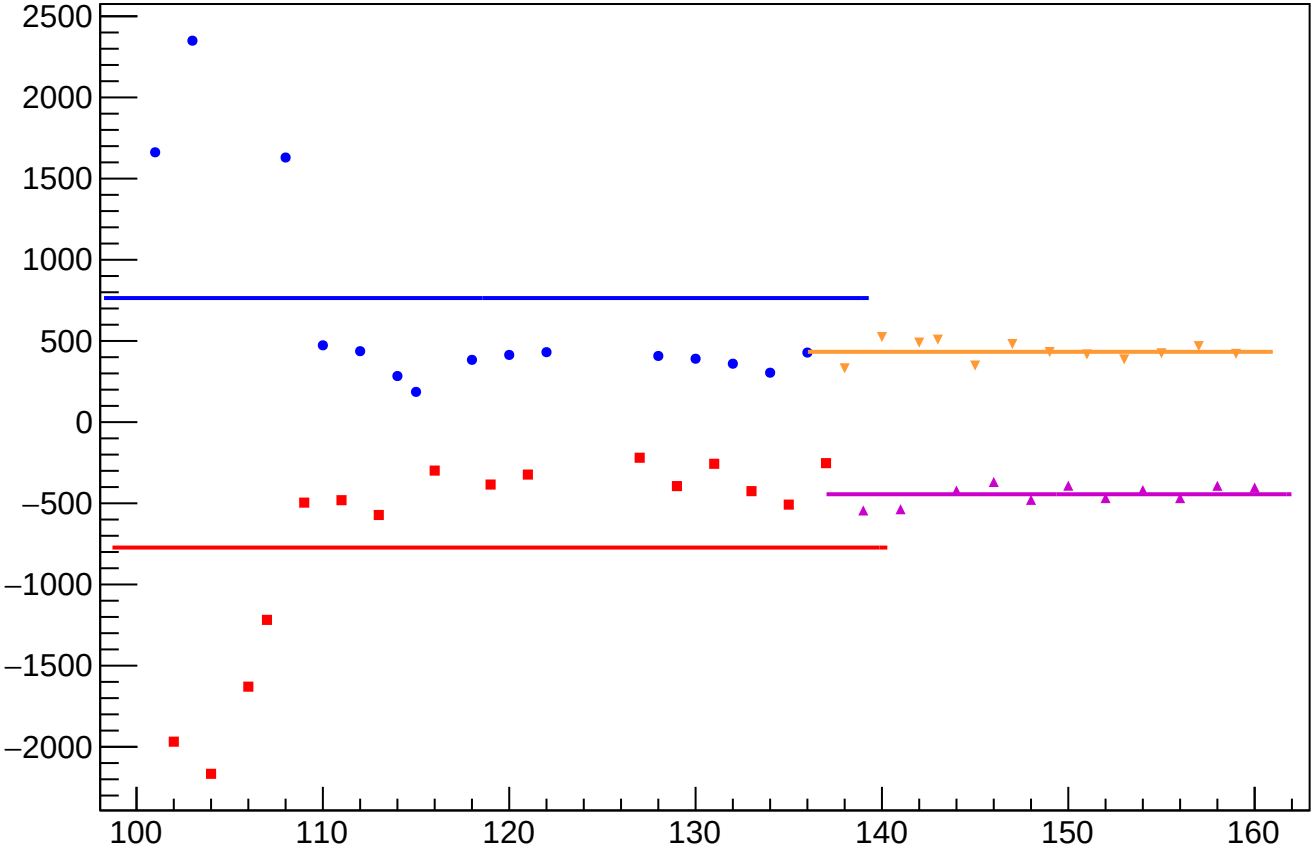
Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Out: 6281.362+/-0.000 χ^2/NDF:283344504403014

Left In: -17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

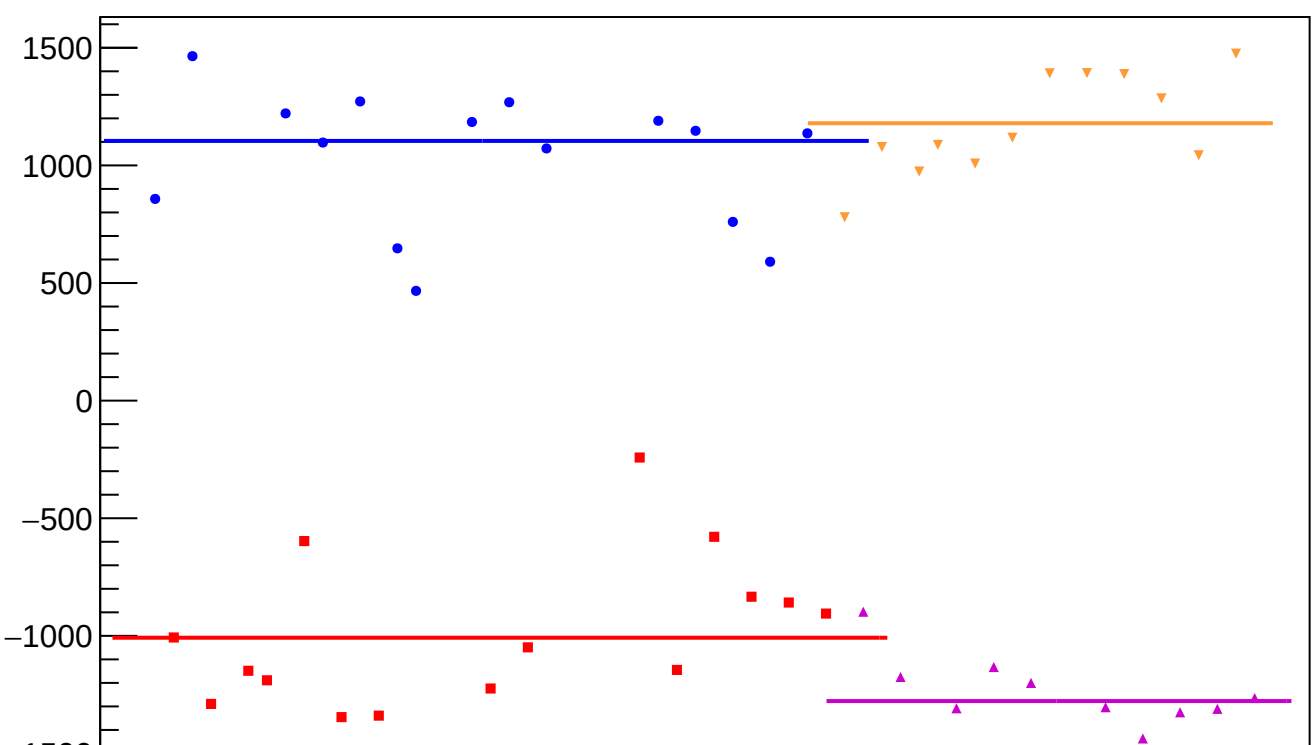
All: -81.381+/-0.000 χ^2/NDF: 719188962323

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Left: -7.970+/-0.000 χ^2/NDF: 35964203749323128
Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 433.079+/-0.000 χ^2/NDF:307037052443823915927319011947603558 4.0/11
In: 54.379+/-0.000 χ^2/NDF:85067486853551882 4
Right Out: -772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15
Out: -75.557+/-0.000 χ^2/NDF:8494595605470363
Left In: -444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124172 8.0/10
All: -10.754+/-0.000 χ^2/NDF: 171344684046

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

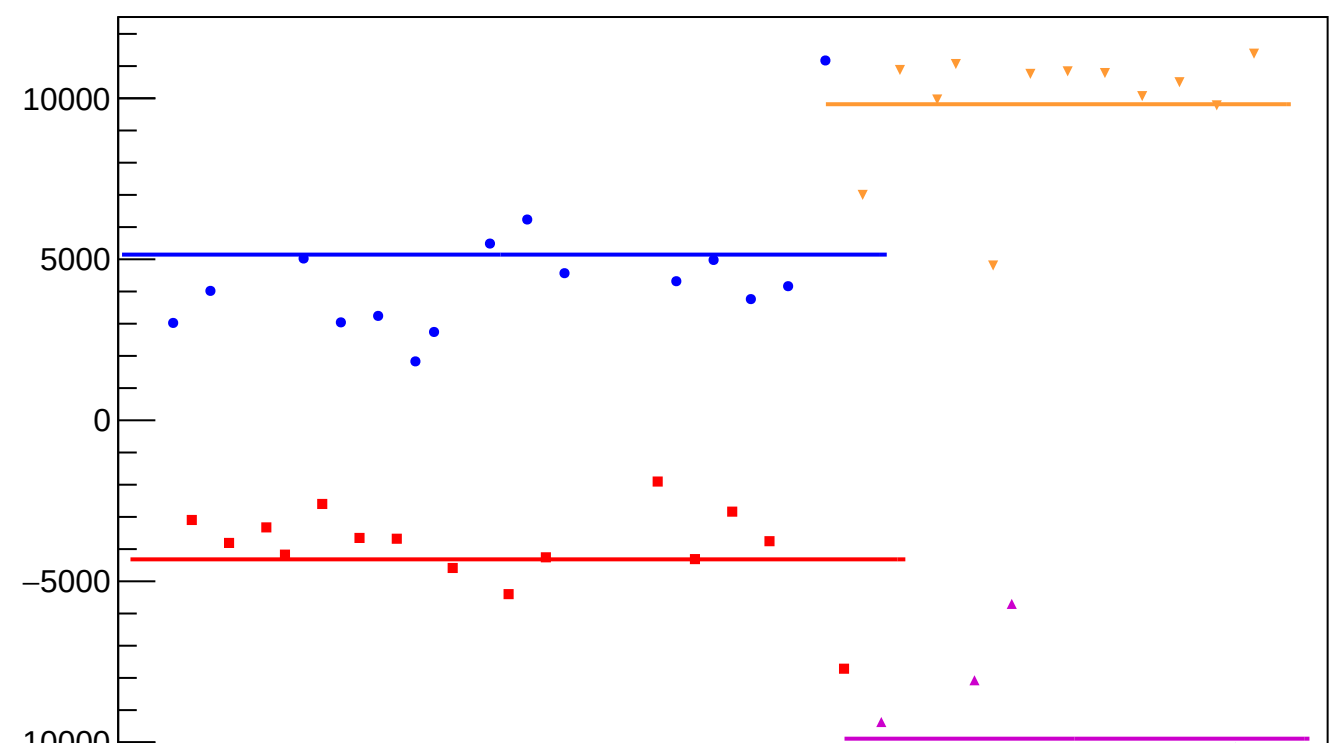
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam3_coil3_mean vs Slug, Sign Corrected



Left: -89.265+/-0.000 χ^2/NDF: 1838935043265731

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 9815.736+/-0.000 χ^2/NDF:324212621250728671461831670420826226688 0.0/11

In: -3684.756+/-0.000 χ^2/NDF:927030037862326

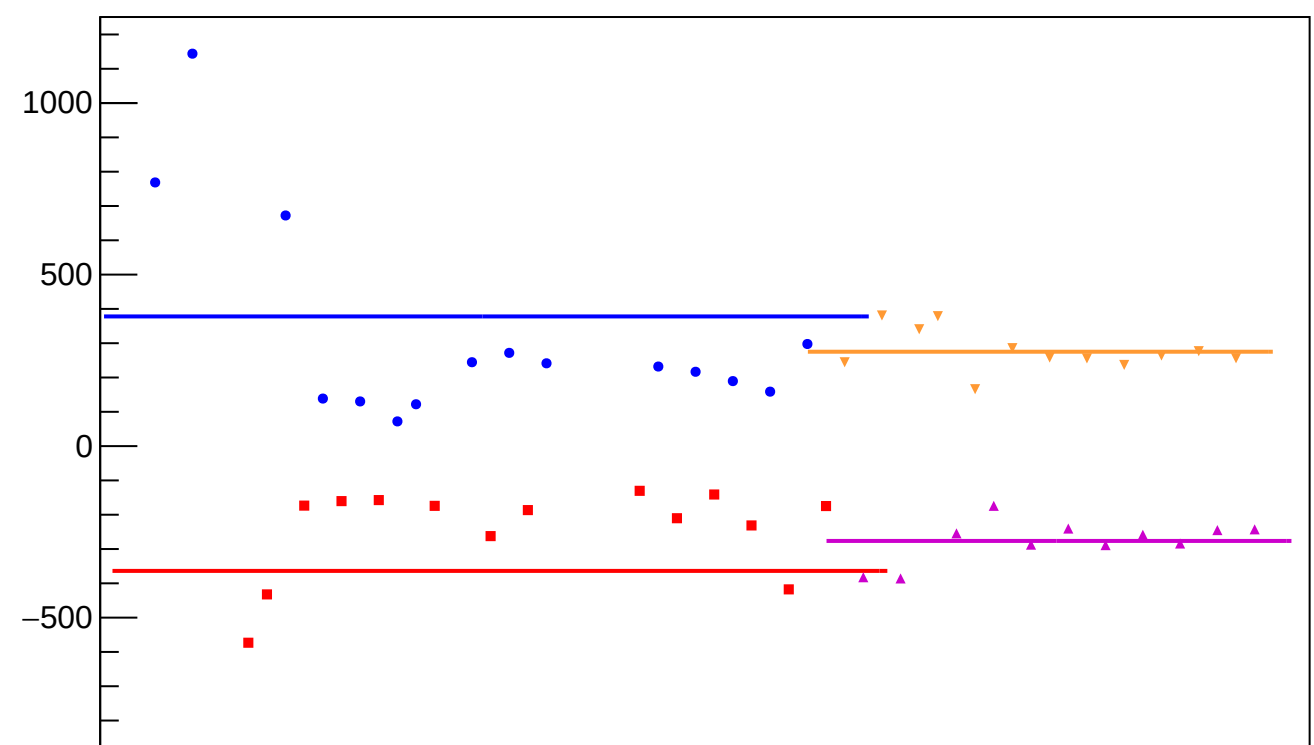
Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

Out: 3852.873+/-0.000 χ^2/NDF:836176493055076

Left In: -9887.069+/-0.000 χ^2/NDF:227851678022582408263242028880212734771 2.0/10

All: 93.618+/-0.000 χ^2/NDF: 2211196592737

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Left: -2.125+/-0.000 χ^2/NDF: 14605036869185649

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 275.181+/-0.000 χ^2/NDF:30639739248384837526480238564951982 08.0/11

In: -6.399+/-0.000 χ^2/NDF:22799172790938067 0

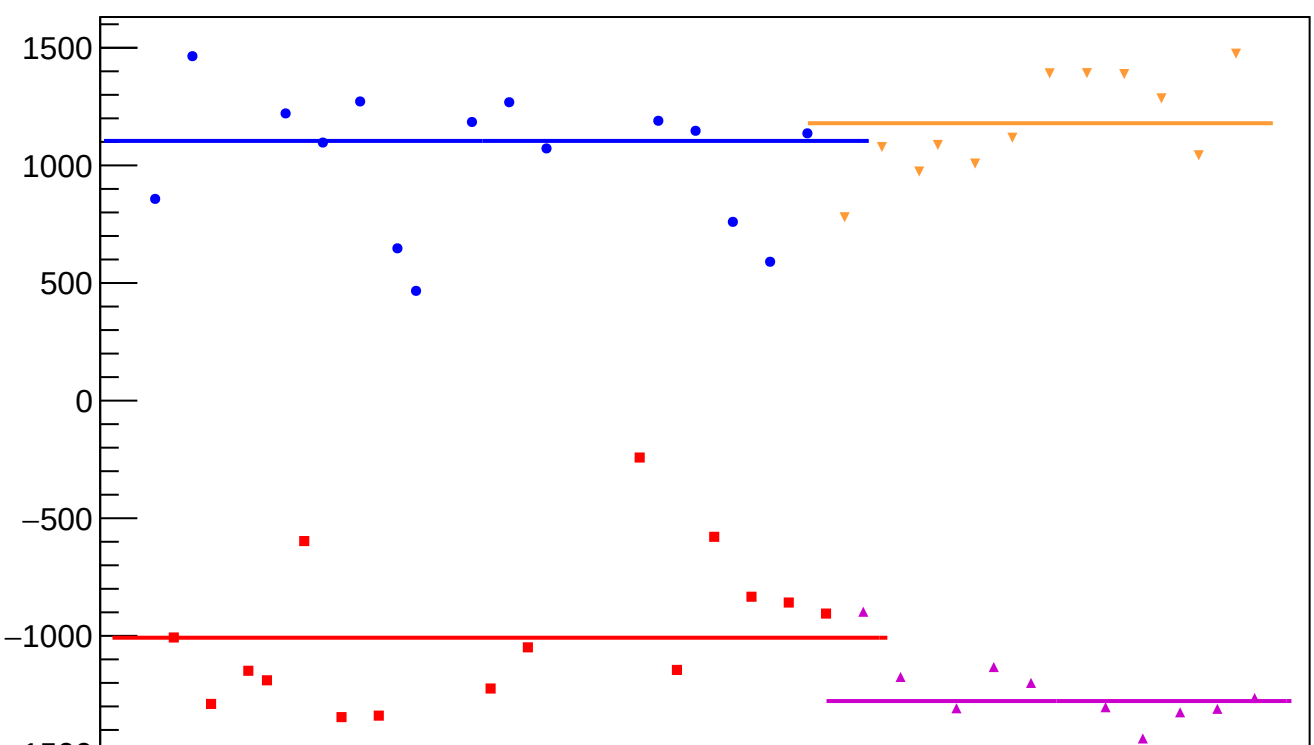
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Out: 5.616+/-0.000 χ^2/NDF:21952216327772997 4

Left In: -276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

All: -0.376+/-0.000 χ^2/NDF: 4476277184699

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

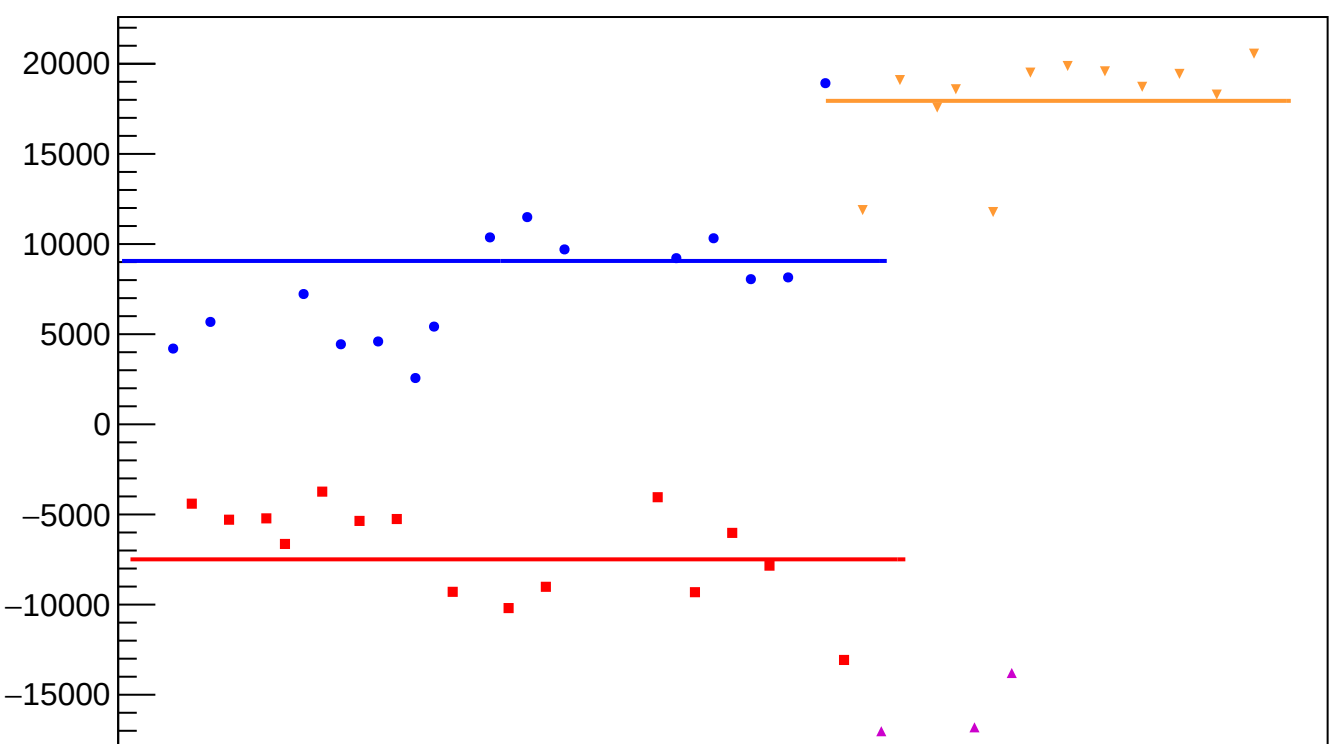
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

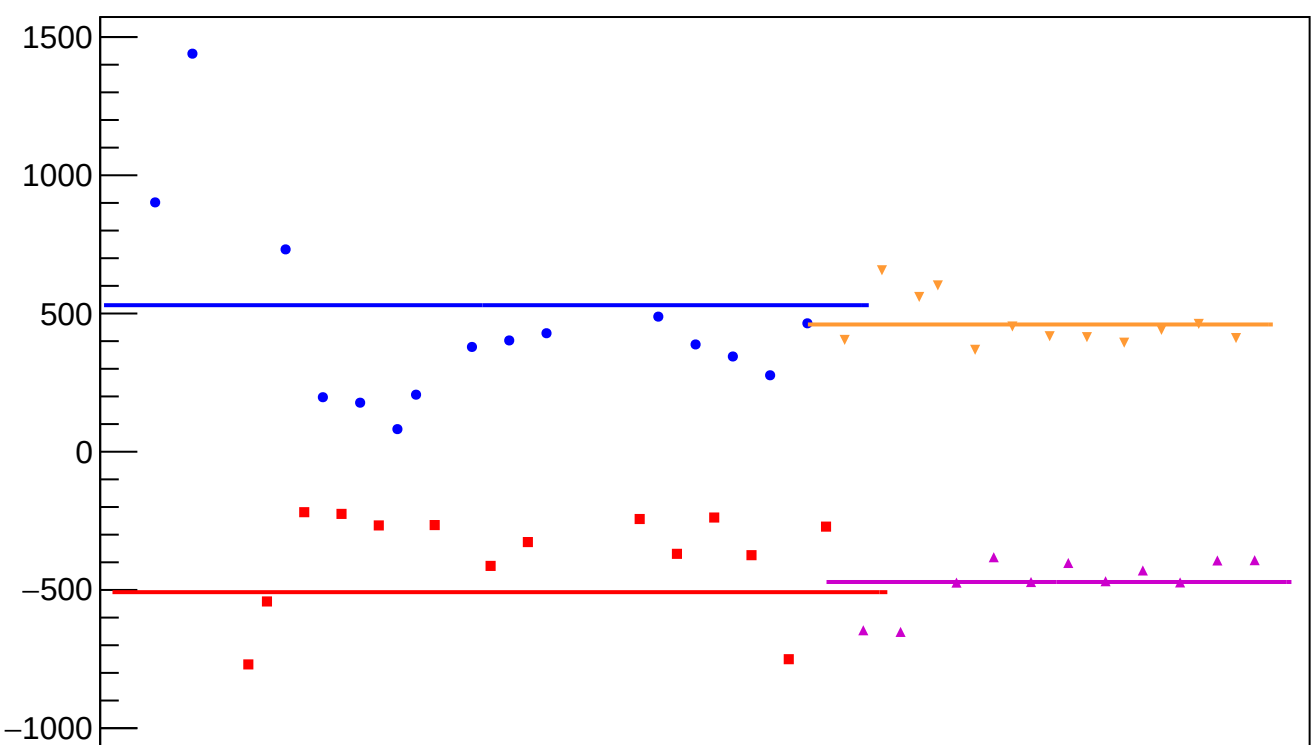
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam4_coil3_mean vs Slug, Sign Corrected



Left: -415.014+/-0.000 χ^2/NDF: 623613646313618
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 17943.531+/-0.000 χ^2/NDF:747361773327481660328046992127437884620 8.0/11
In: -7171.955+/-0.000 χ^2/NDF:308190630431946
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15
Out: 7213.447+/-0.000 χ^2/NDF:267017454267877
Left In: -18574.874+/-0.000 χ^2/NDF:337175293631953841464838483614276308172 8.0/10
All: 38.990+/-0.000 χ^2/NDF: 7383790559071

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Left: -7.988+/-0.000 χ^2/NDF: 41292053384474531

Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Right: 3.936+/-0.000 χ^2/NDF: 50988723963729126

Left Out: 460.312+/-0.000 χ^2/NDF:675460642837128305351752970163086950 4.0/11

In: -58.105+/-0.000 χ^2/NDF:46840539671479809

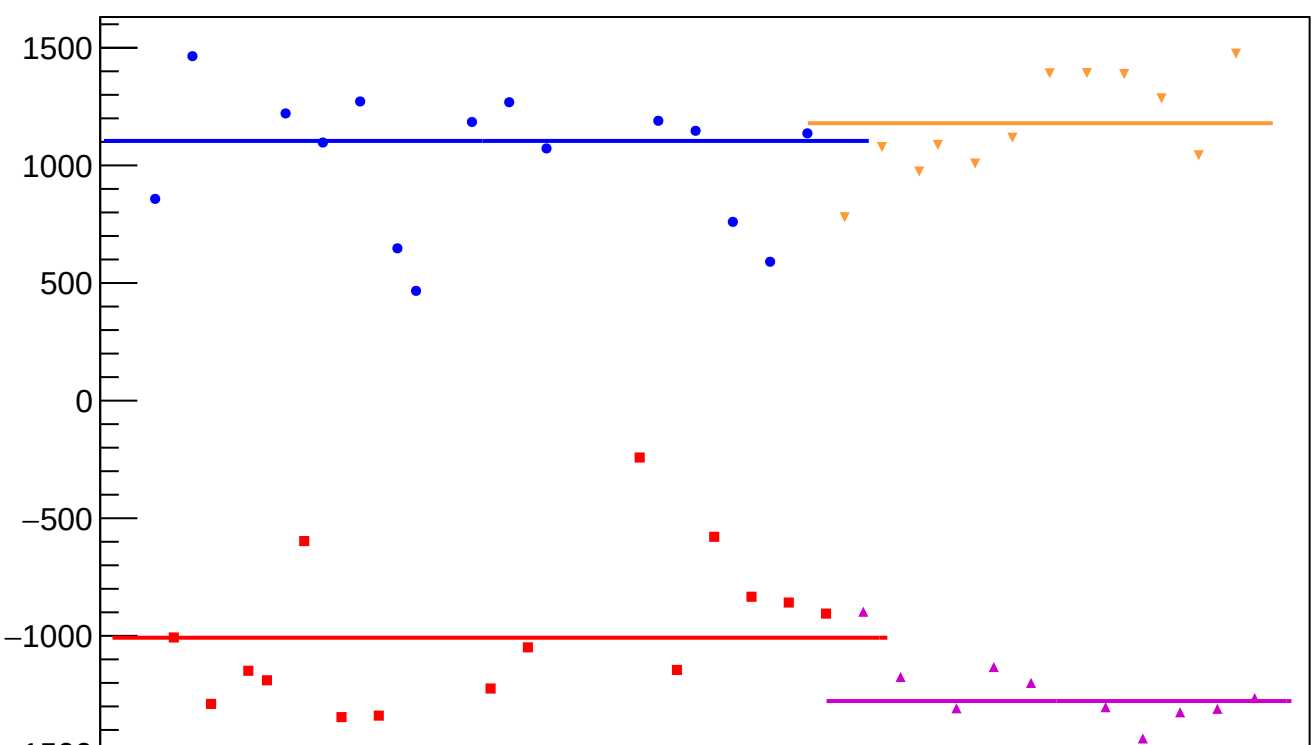
Right Out: -507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

Out: 51.802+/-0.000 χ^2/NDF:44498677720954542

Left In: -471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

All: -3.012+/-0.000 χ^2/NDF: 9229168077860

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

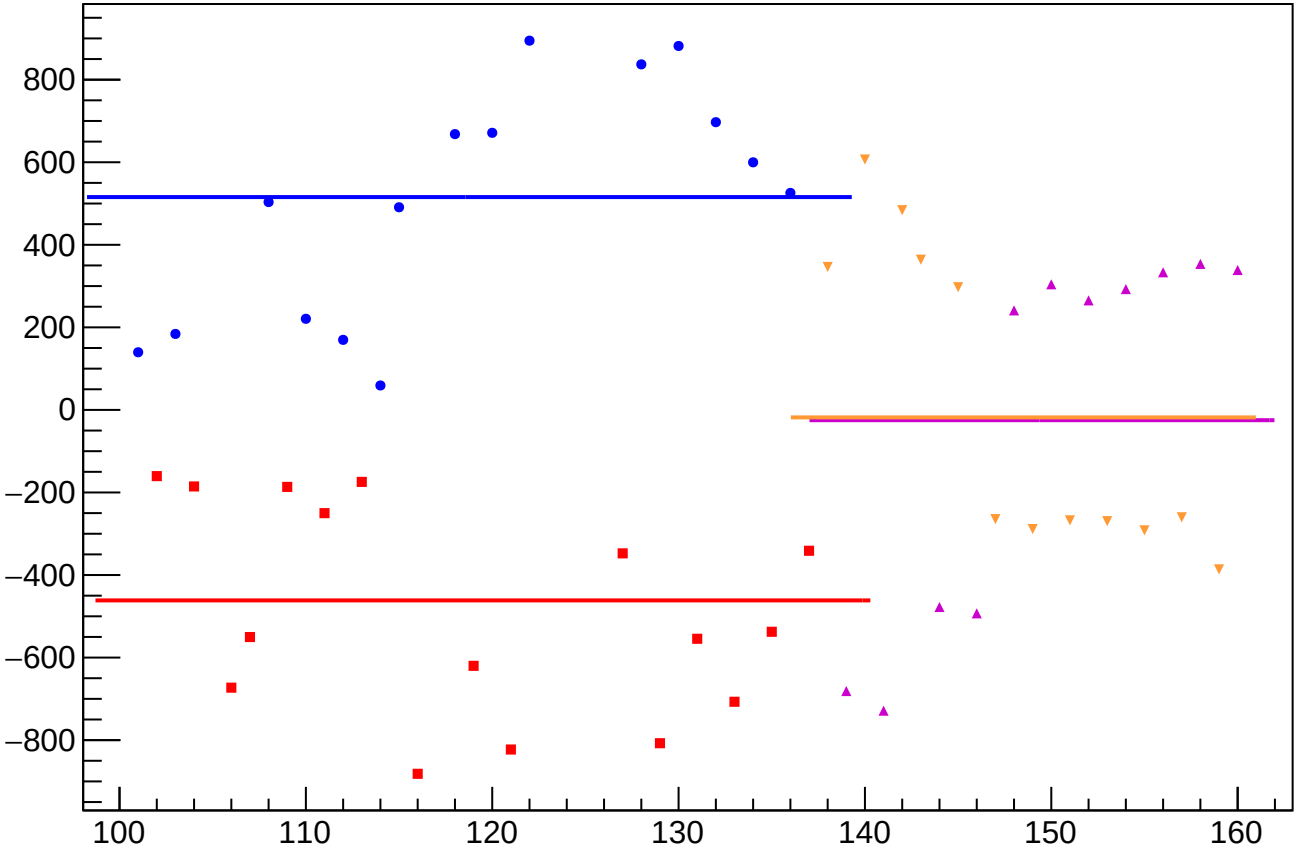
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

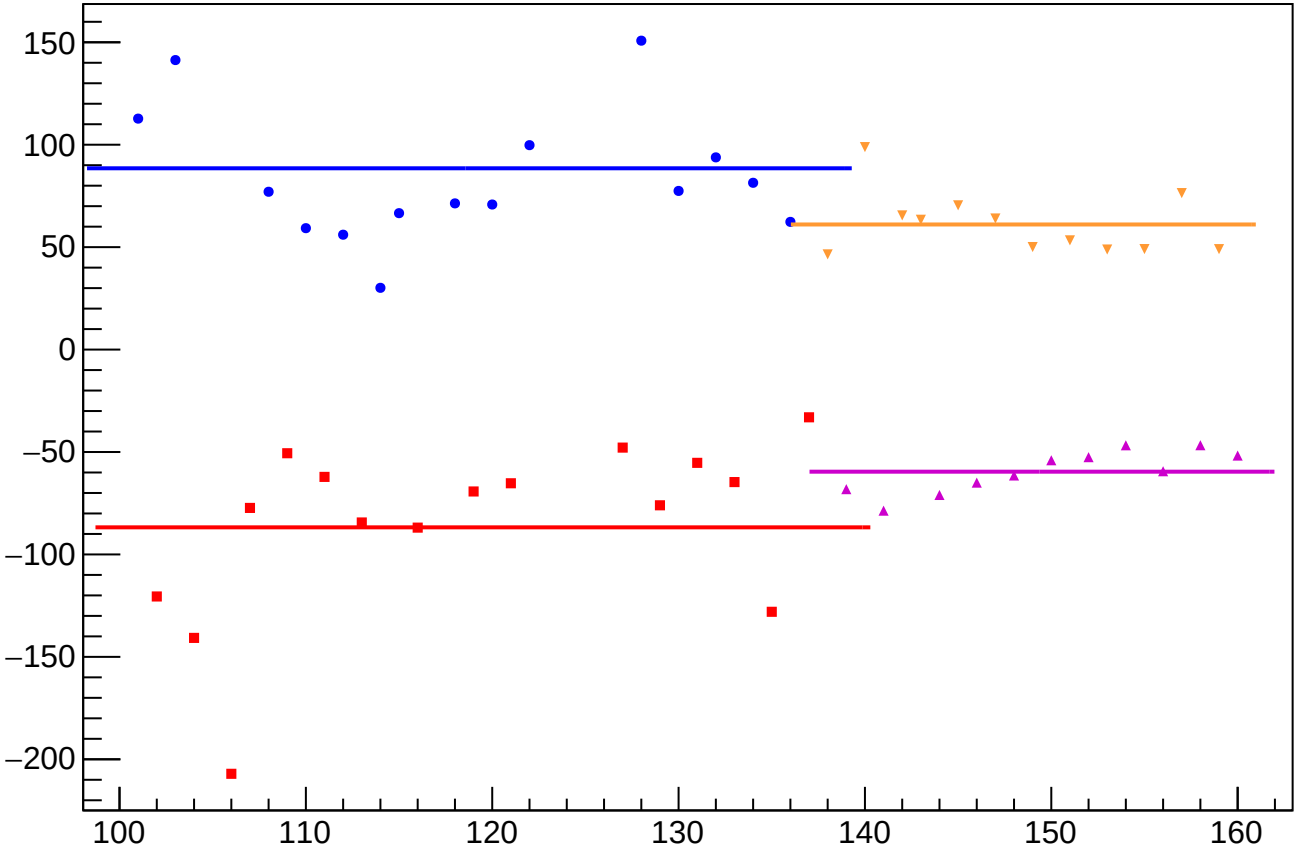
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam5_coil3_mean vs Slug, Sign Corrected



Left: -21.540+/-0.000 χ^2/NDF: 2912056569899347
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: -18.146+/-0.000 χ^2/NDF:1140146273273638901461797970727634206 72.0/11
In: 198.120+/-0.000 χ^2/NDF:3370219310244745
Right Out: -461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
Out: -205.189+/-0.000 χ^2/NDF:230282610229259
Left In: -24.898+/-0.000 χ^2/NDF:1771700831460663404196866972503077027 84.0/10
All: -4.046+/-0.000 χ^2/NDF: 6955593653745

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Left: 0.403+/-0.000 χ^2/NDF: 699320951326261037

Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666

Left Out: 61.067+/-0.000 χ^2/NDF:211507080213048507647331077961285632.0/11

In: 1.499+/-0.000 χ^2/NDF:909555293268762402

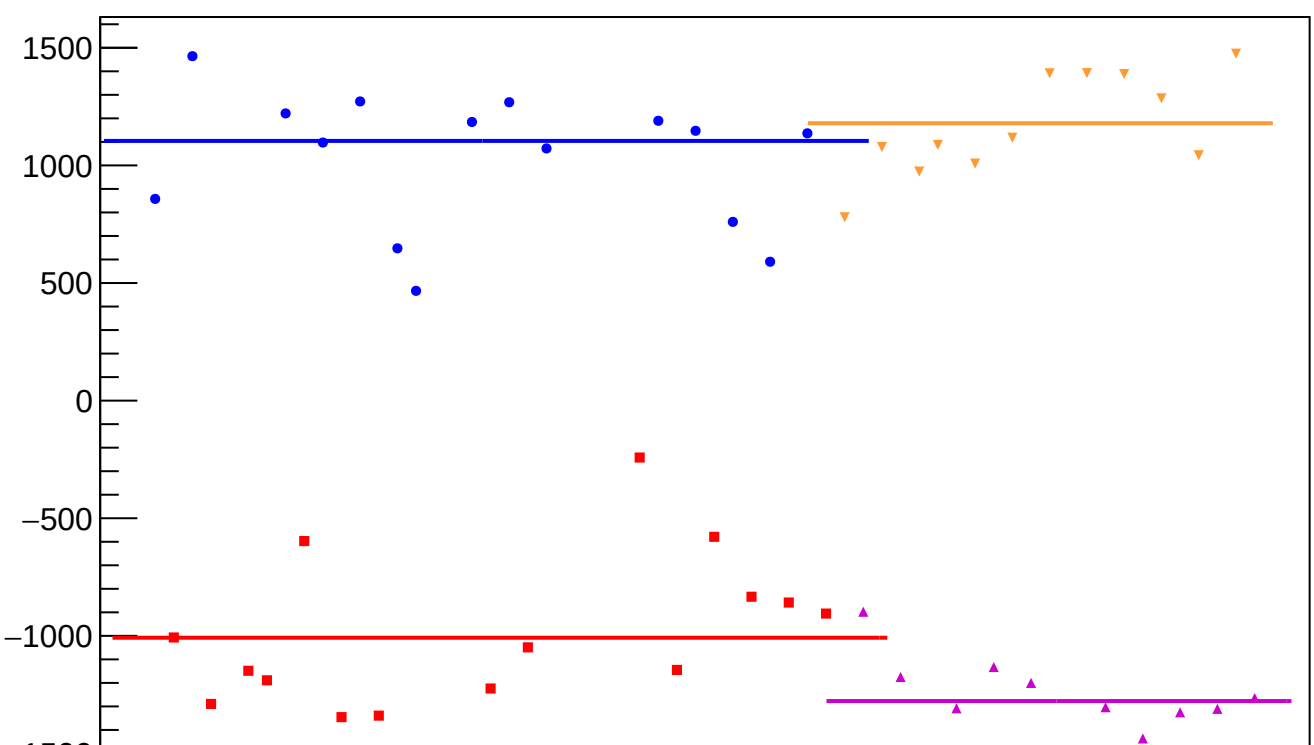
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

Out: -1.305+/-0.000 χ^2/NDF:96987555251915958

Left In: -59.604+/-0.000 χ^2/NDF:908626251819856643753234631680327 68.0/10

All: 0.094+/-0.000 χ^2/NDF: 1880050537184

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

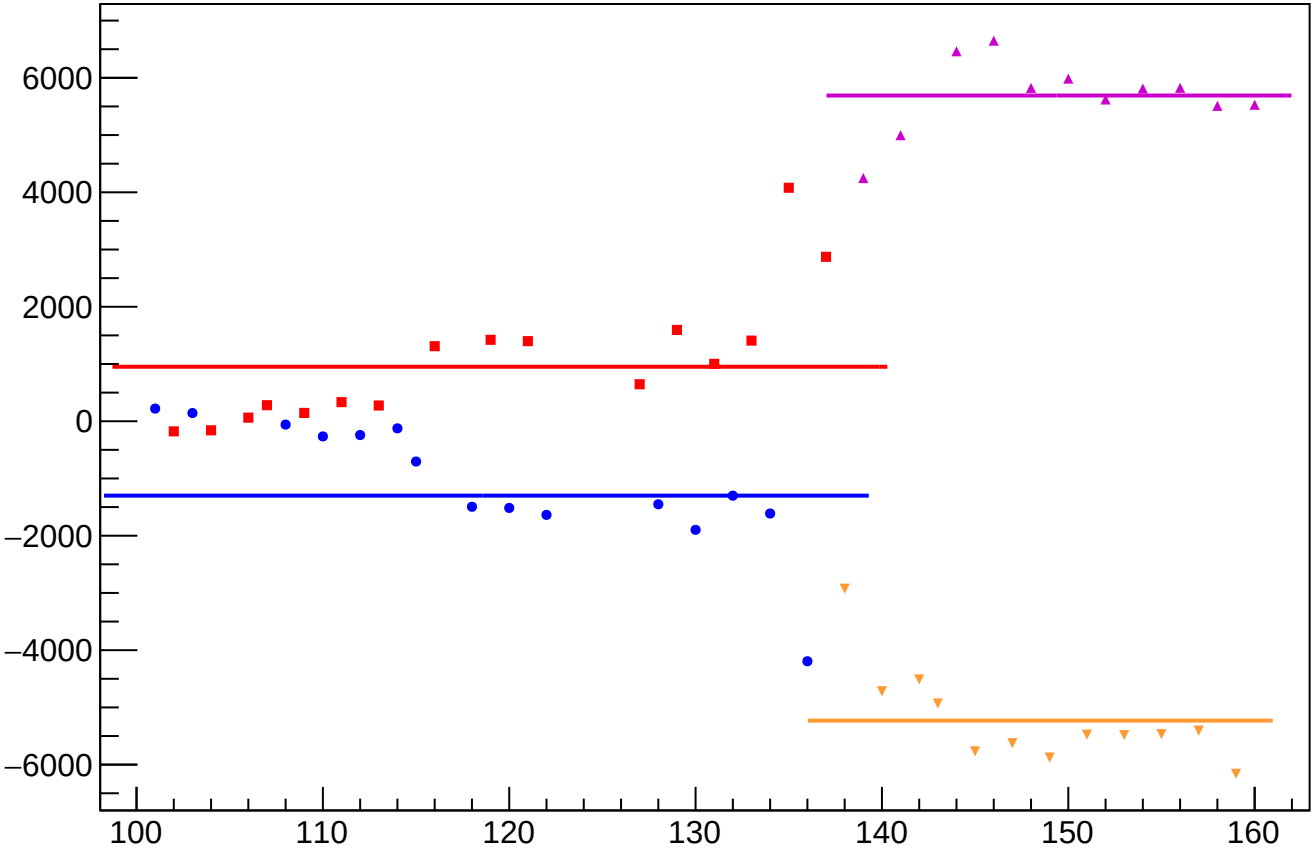
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam6_coil3_mean vs Slug, Sign Corrected



Left: 260.098+/-0.000 χ^2/NDF: 5578029245557142

Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14

Right: -158.600+/-0.000 χ^2/NDF: 37088904648604

Left Out: -5230.164+/-0.000 χ^2/NDF:6213375467540482757450116505270810050 56.0/11

In: 2806.606+/-0.000 χ^2/NDF:201868973591481 4

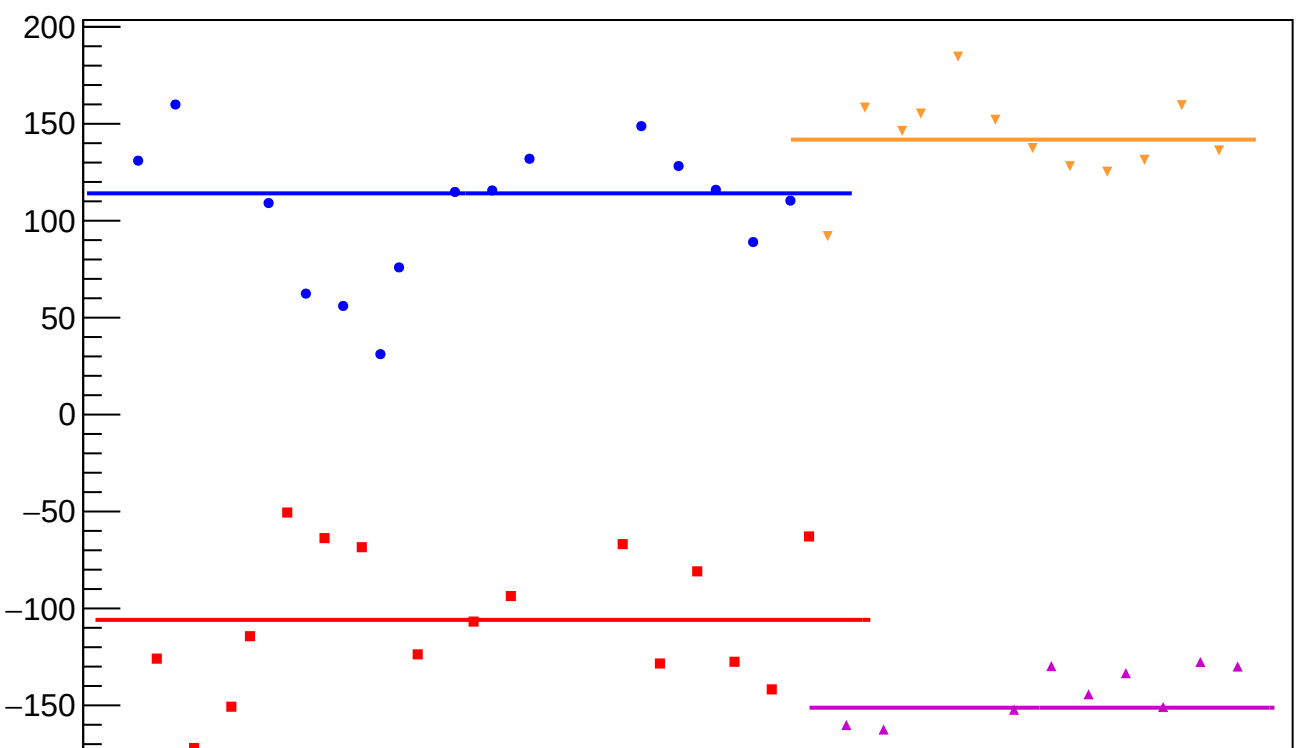
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

Out: -2622.043+/-0.000 χ^2/NDF:1619959994130 3

Left In: 5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10

All: 85.397+/-0.000 χ^2/NDF: 5962362698239

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Left: -5.477+/-0.000 χ^2/NDF: 40296557348706998

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 17380785718088446

Left Out: 141.844+/-0.000 χ^2/NDF:455273254245846333149237795723673600.0/11

In: -41.735+/-0.000 χ^2/NDF:27826261181651348

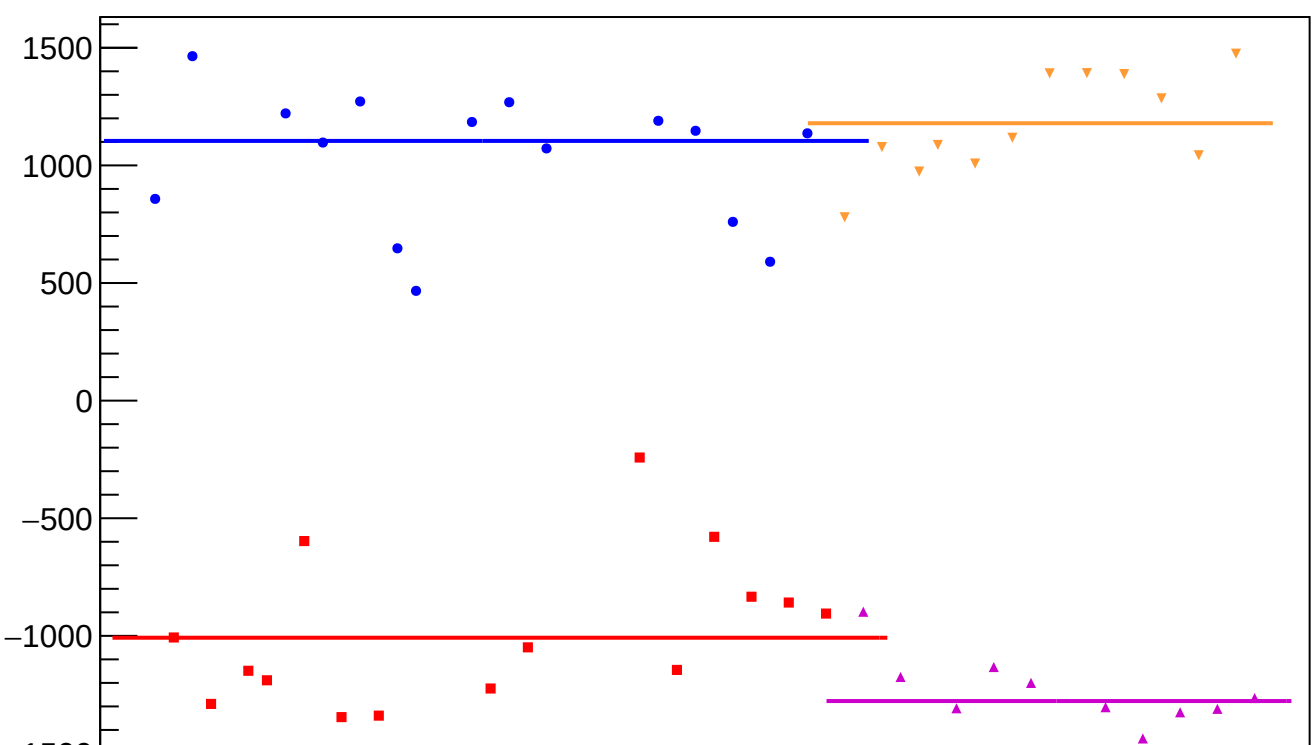
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: 37.329+/-0.000 χ^2/NDF:24972280425229792

Left In: -151.203+/-0.000 χ^2/NDF:38222765260499933757743154978409676 8.0/10

All: -2.103+/-0.000 χ^2/NDF: 5772748991096

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

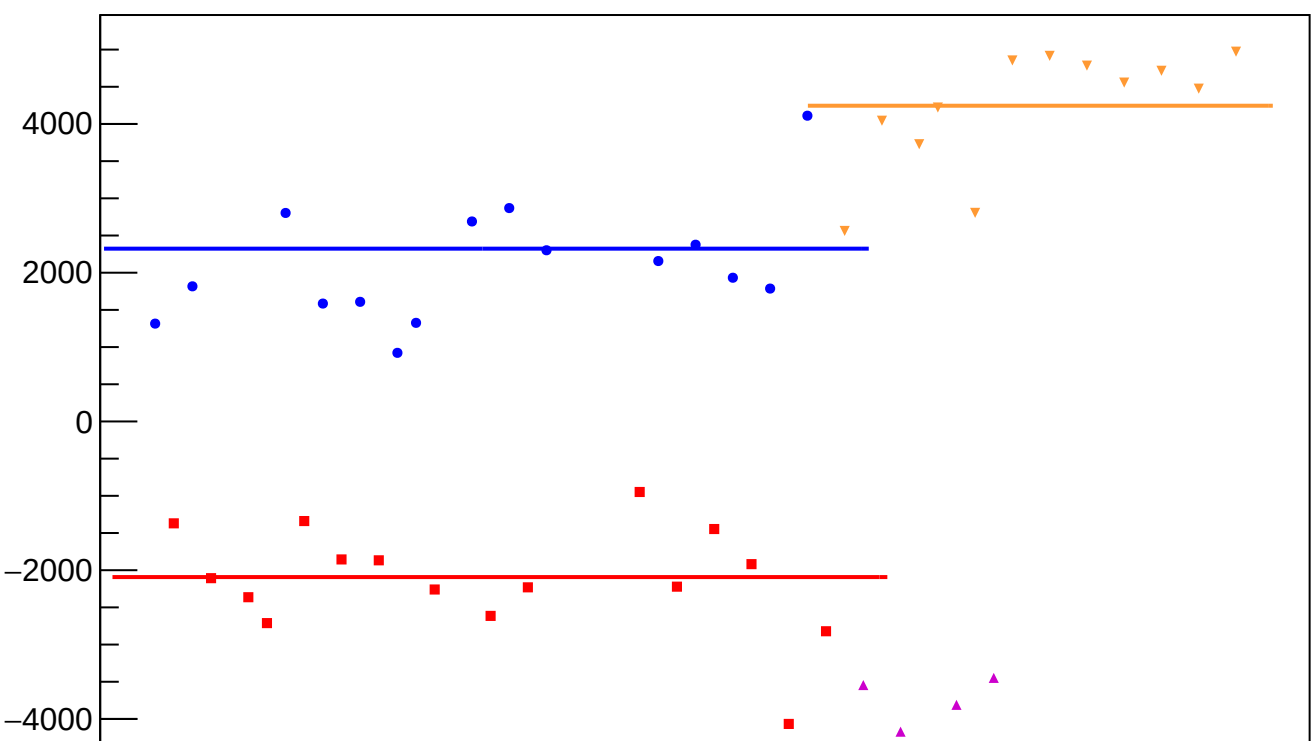
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam7_coil3_mean vs Slug, Sign Corrected



Left: -98.908+/-0.000 χ^2/NDF: 3514152812963095

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

Left Out: 4245.269+/-0.000 χ^2/NDF:560100037882540295630660663570463719424.0/11

In: -1623.712+/-0.000 χ^2/NDF:179596063861387

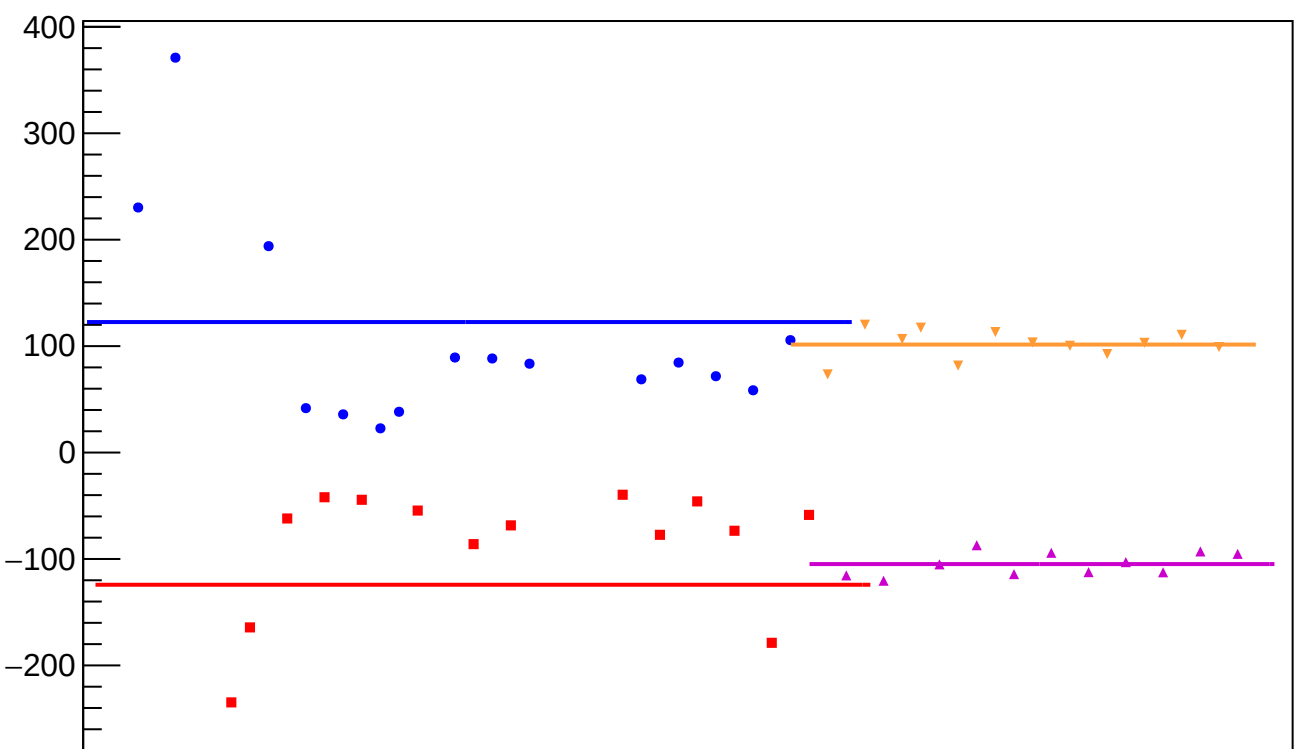
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Out: 1571.478+/-0.000 χ^2/NDF:16415649575822

Left In: -4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

All: -22.065+/-0.000 χ^2/NDF: 424251896737

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: -2.219+/-0.000 χ^2/NDF: 19812994387589276

Right In: 122.622+/-0.000 χ^2/NDF: 59375046611876911459032358427494 97344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 101.470+/-0.000 χ^2/NDF:16360658660921551517460113962041 3440.0/11

In: -10.961+/-0.000 χ^2/NDF:2575473987064935 8

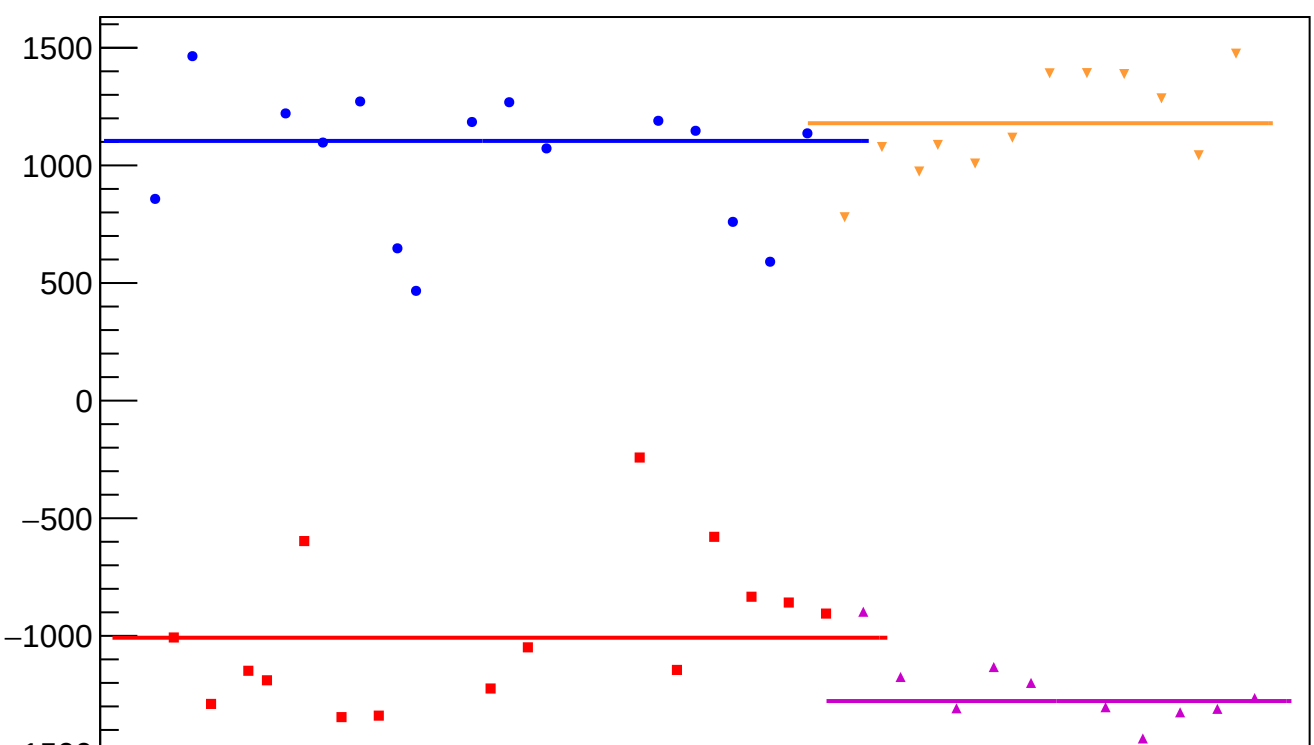
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: 6.256+/-0.000 χ^2/NDF:2635369442246566 89

Left In: -104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

All: -2.330+/-0.000 χ^2/NDF: 5234216215941

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

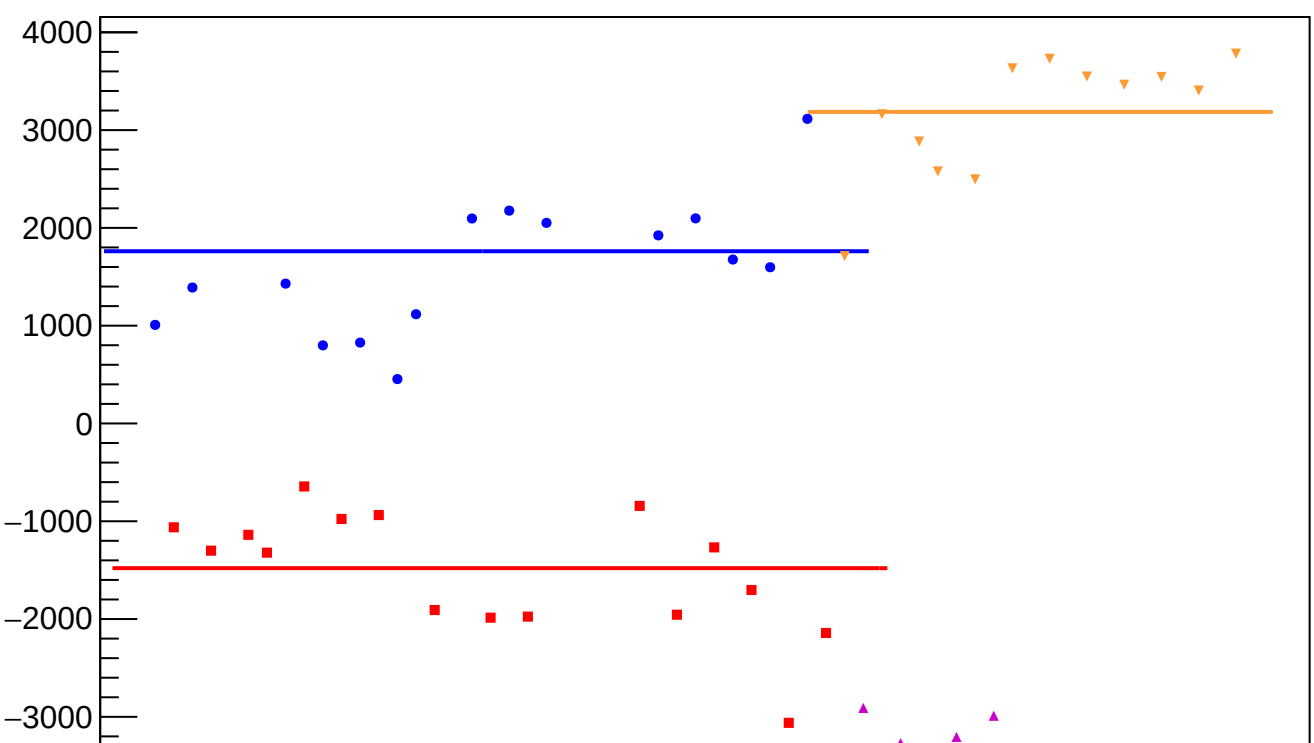
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam8_coil3_mean vs Slug, Sign Corrected



Left: -136.525+/-0.000 χ^2/NDF: 204789855452922

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 3185.925+/-0.000 χ^2/NDF:334945906452981161805339150604505710592.0/11

In: -1284.056+/-0.000 χ^2/NDF:106529223368733

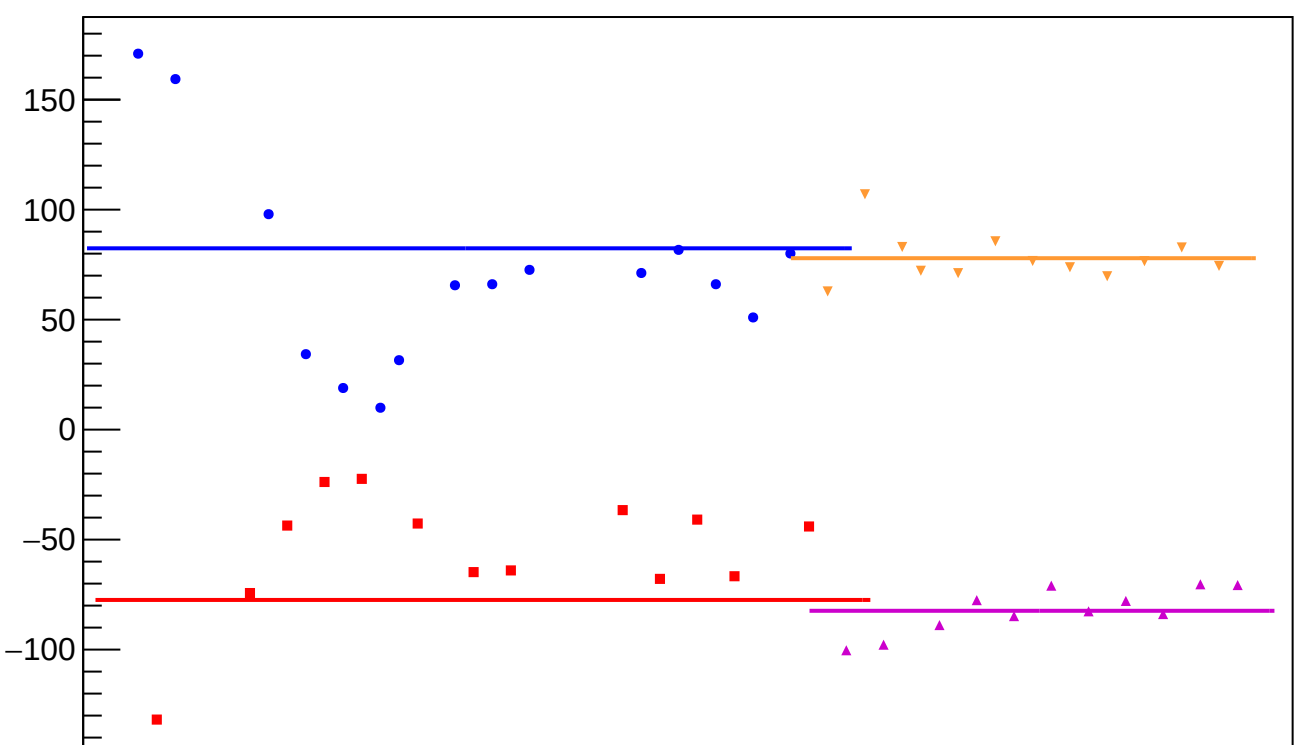
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Out: 1217.526+/-0.000 χ^2/NDF:89925987764986

Left In: -3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

All: -30.093+/-0.000 χ^2/NDF: 245798533014

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: -2.653+/-0.000 χ^2/NDF: 12002252519609657

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 11184350671309506

Left Out: 77.927+/-0.000 χ^2/NDF:1088165852895677701597195152109076 48.0/11

In: -14.374+/-0.000 χ^2/NDF:11703552131501015

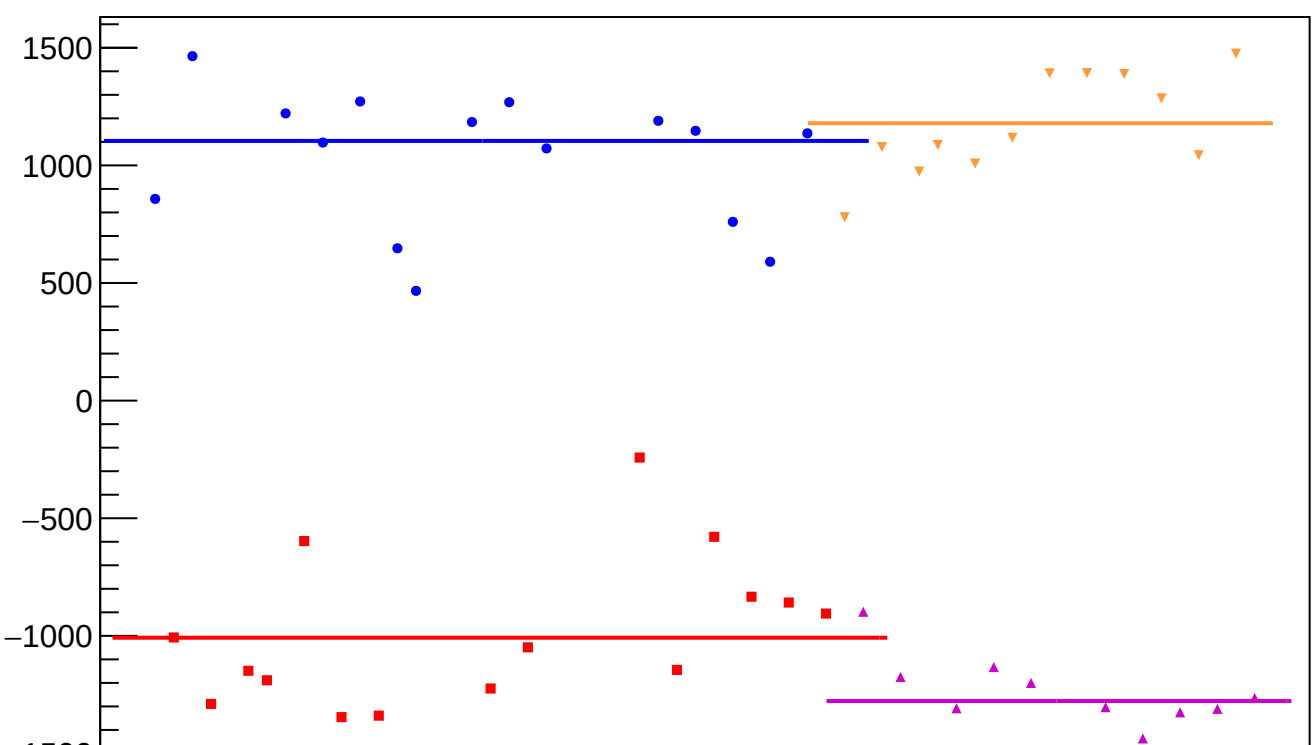
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: 12.384+/-0.000 χ^2/NDF:10931113558677322

Left In: -82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

All: -0.961+/-0.000 χ^2/NDF: 2319921906530

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

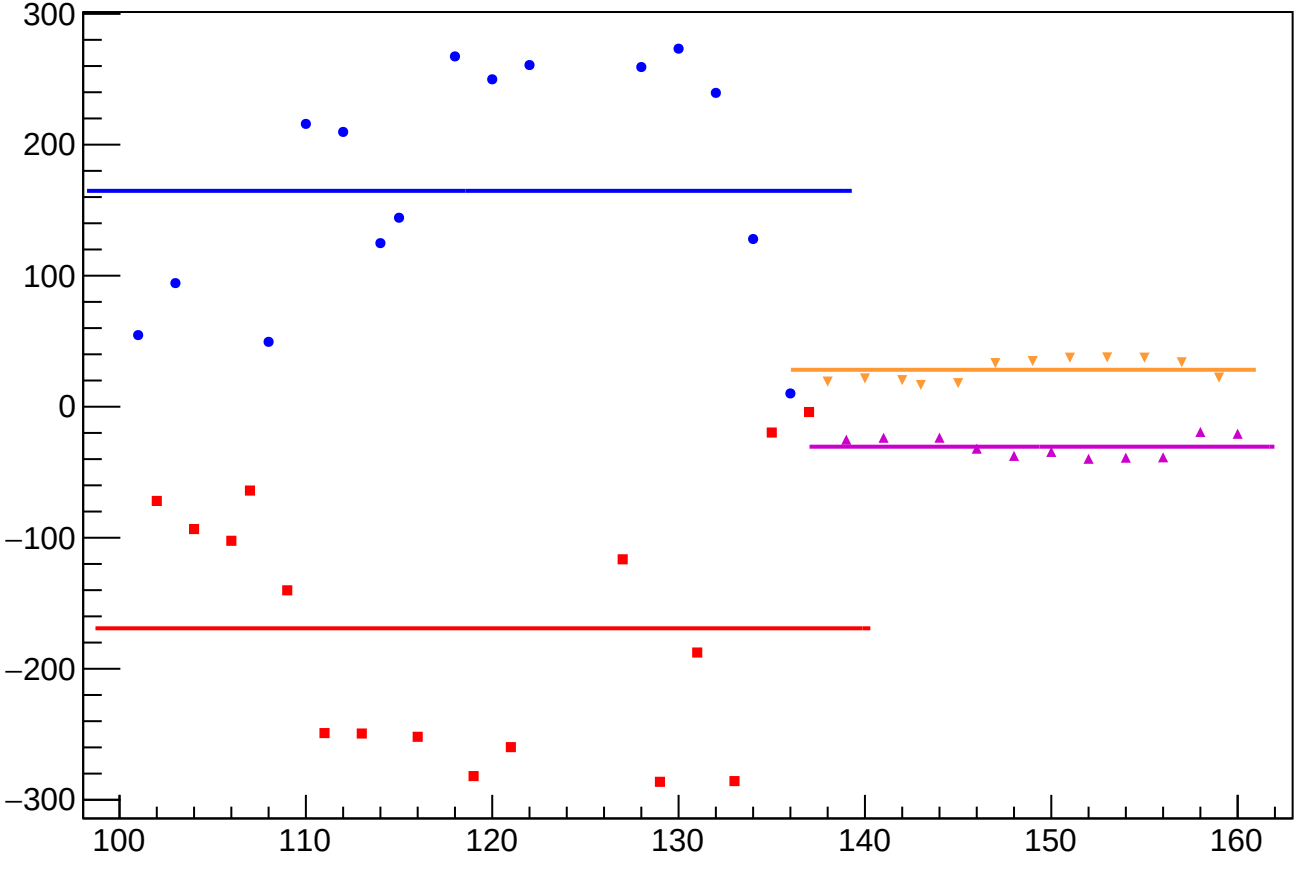
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aX_coil7_mean vs Slug, Sign Corrected



Left: -1.317+/-0.000 χ^2/NDF: 16978934081589781

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 28.192+/-0.000 χ^2/NDF:6207392894986276808397505937853644 8.0/11

In: 50.054+/-0.000 χ^2/NDF:20957243949655608 5

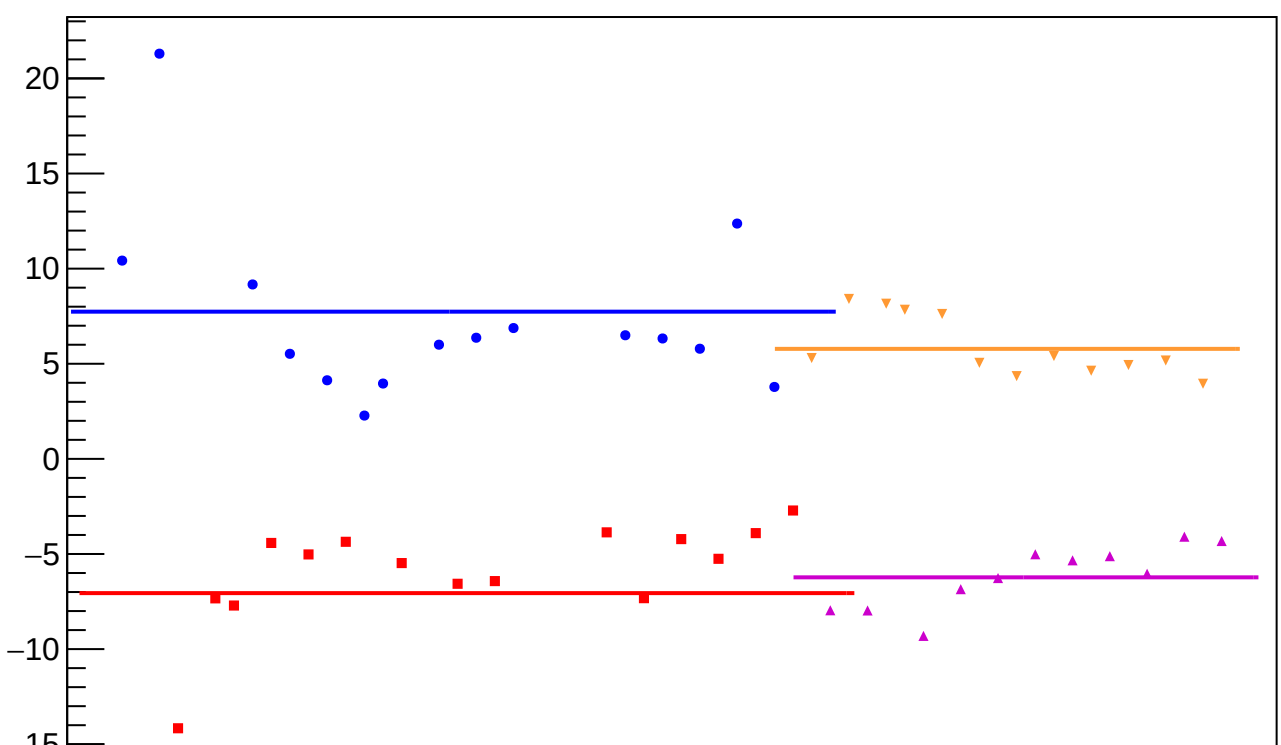
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907148 8.0/15

Out: -55.045+/-0.000 χ^2/NDF:2111323920107624

Left In: -30.507+/-0.000 χ^2/NDF:5260070014827404980158669967169945 6.0/10

All: -2.629+/-0.000 χ^2/NDF: 5078015592202

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738+/-0.000 χ^2/NDF: 1512721547923450600746949276807987 2.0/14

Left Out: 5.783+/-0.000 χ^2/NDF:2082103650411209995862519006101504.0/11

Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Left In: -6.228+/-0.000 χ^2/NDF:2331911751655733809355489024147456.0/10

Left: -0.255+/-0.000 χ^2/NDF: 7069951433838344 3

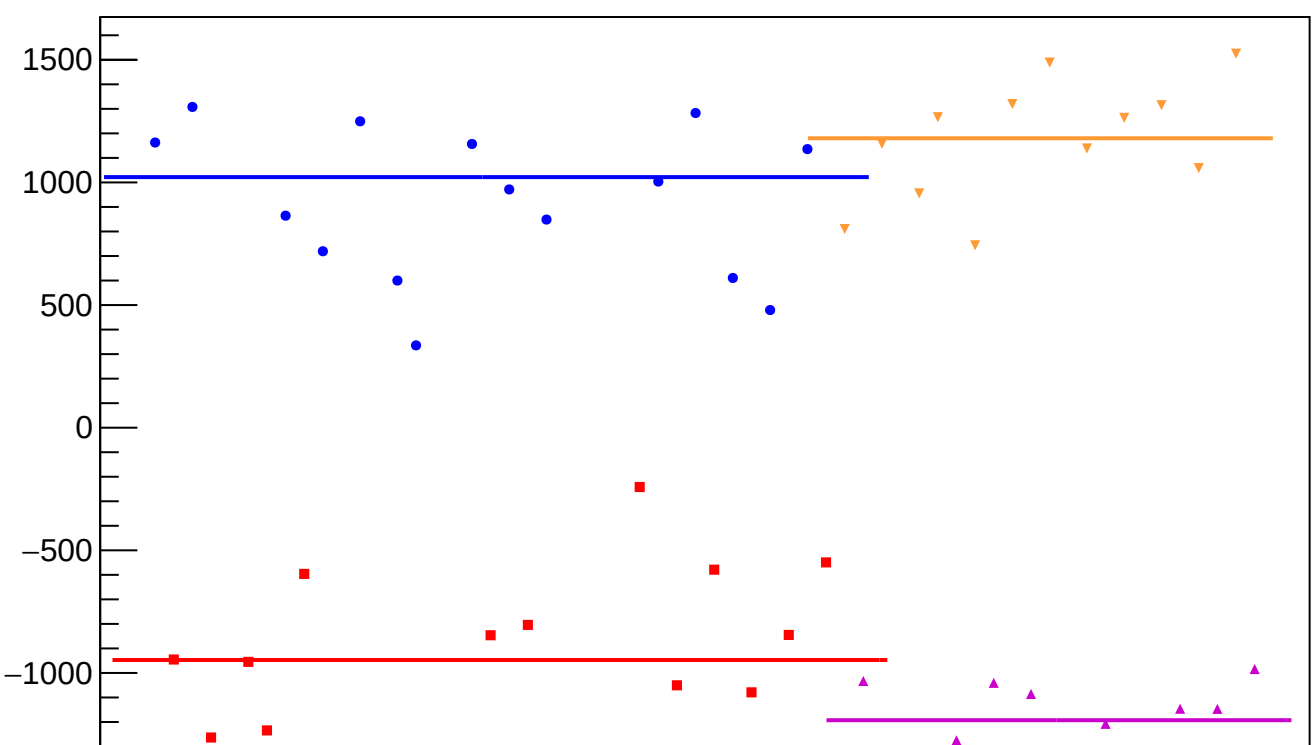
Right: 0.240+/-0.000 χ^2/NDF: 9842438924998126 8

In: -0.465+/-0.000 χ^2/NDF:918173600433659014

Out: 0.366+/-0.000 χ^2/NDF:769487203069941784

All: -0.049+/-0.000 χ^2/NDF: 1693113496789

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

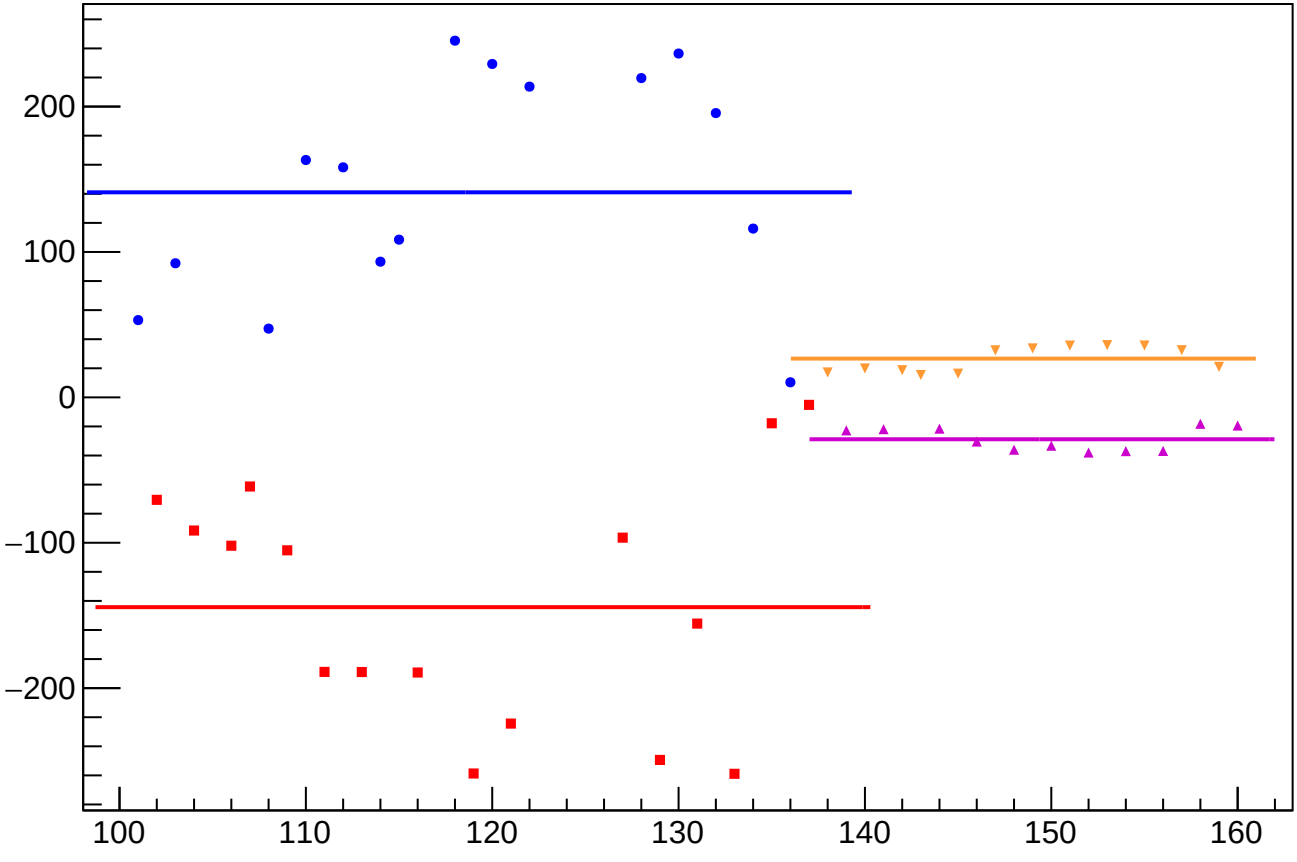
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -1.225+/-0.000 χ^2/NDF: 15294237123103654

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 26.669+/-0.000 χ^2/NDF:6252234311411585623862909696632422 4.0/11

In: 41.261+/-0.000 χ^2/NDF:15558202913354022

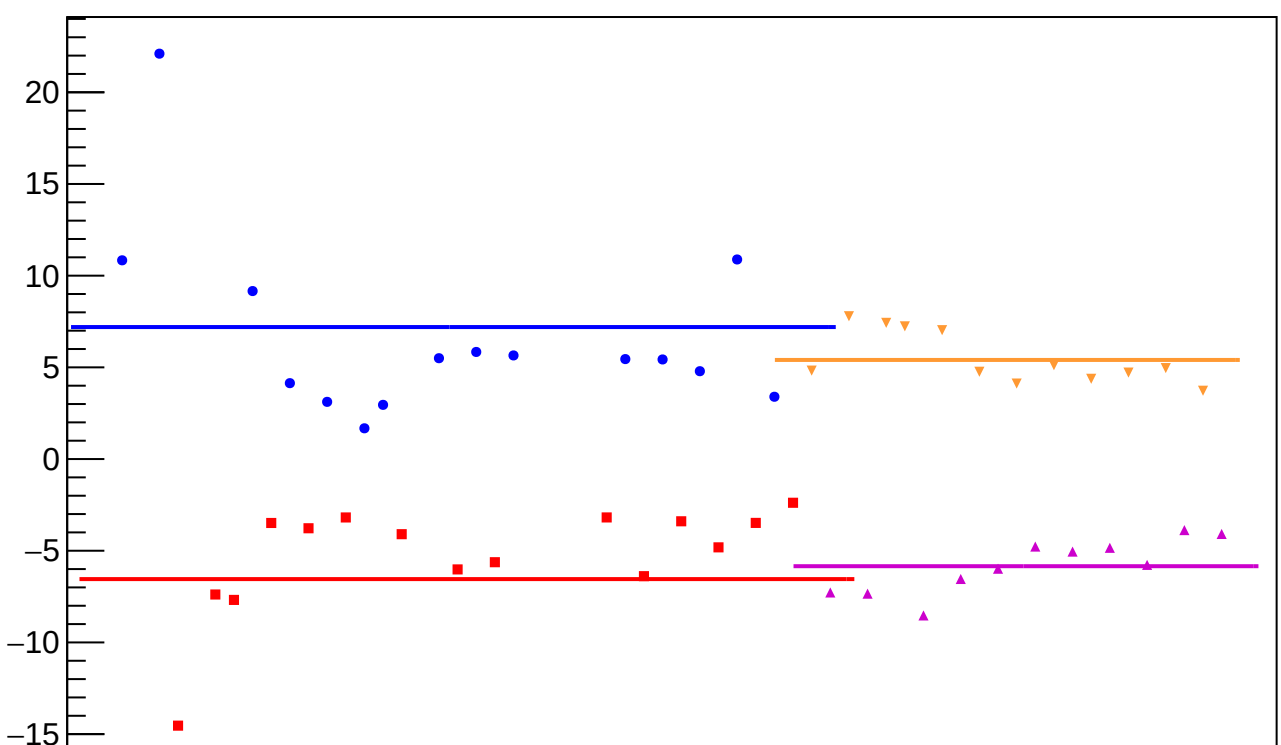
Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

Out: -45.453+/-0.000 χ^2/NDF:1559993230161443

Left In: -28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702745 6.0/10

All: -2.206+/-0.000 χ^2/NDF: 3708705323759

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198+/-0.000 χ^2/NDF: 1821264072850278533783196696313856 0.0/14

Left Out: 5.404+/-0.000 χ^2/NDF:1657476673222734549536062415306752.0/11

Right Out: -6.547+/-0.000 χ^2/NDF: 1407891250511606893623080983409 4592.0/15

Left In: -5.843+/-0.000 χ^2/NDF:1832786837102707862400537806766080.0/10

Left: -0.250+/-0.000 χ^2/NDF: 6161814130273038 1

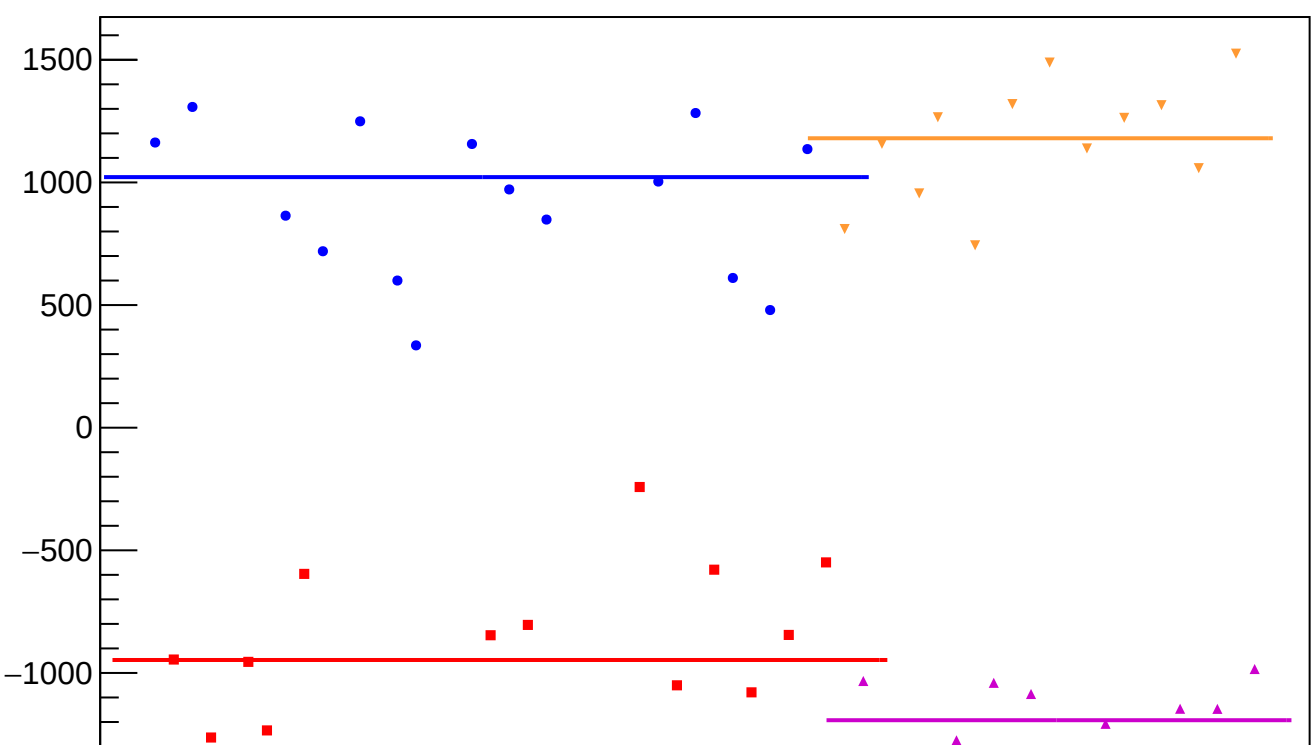
Right: 0.232+/-0.000 χ^2/NDF: 9443088474536779 1

In: -0.463+/-0.000 χ^2/NDF:8488165889201747 35

Out: 0.362+/-0.000 χ^2/NDF:7080864399270327 17

All: -0.049+/-0.000 χ^2/NDF: 1562270252344

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

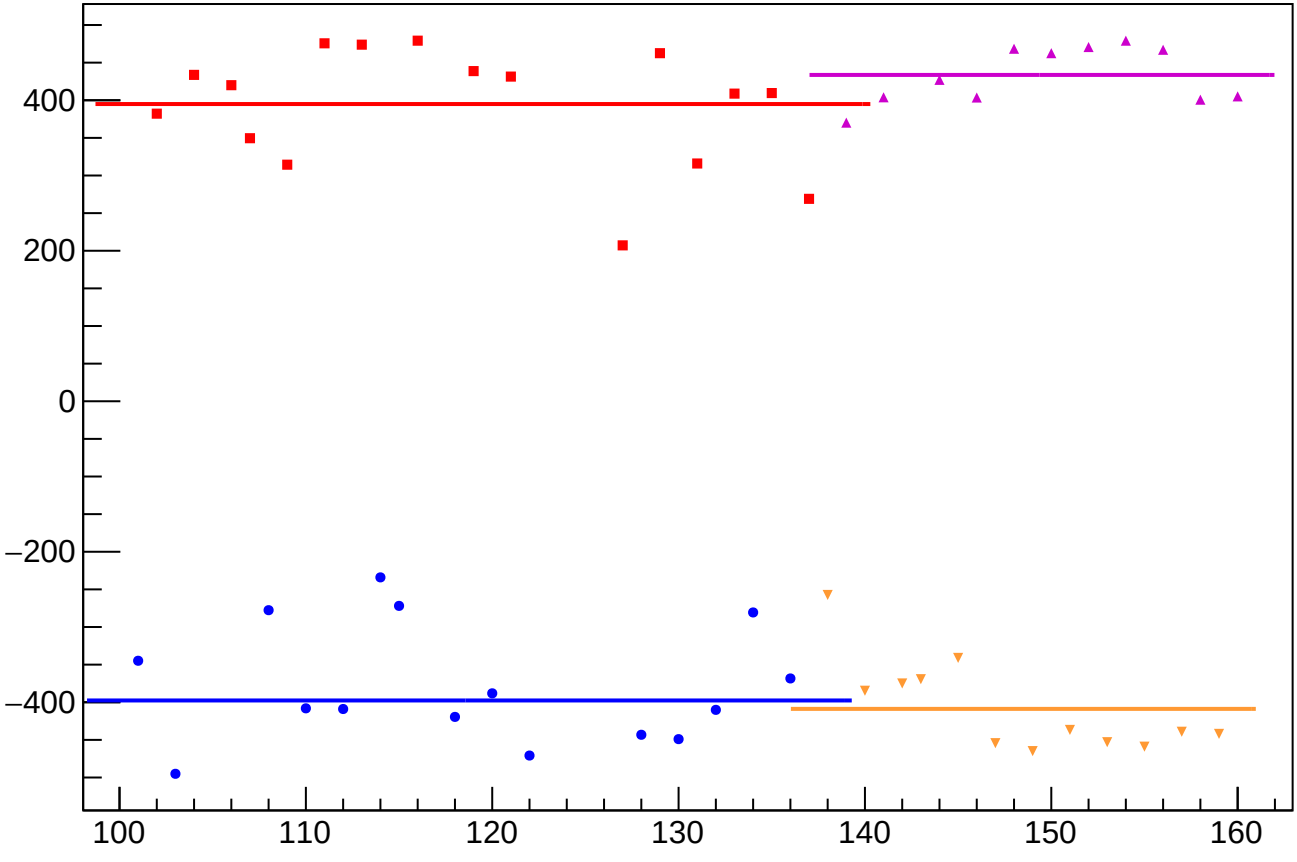
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

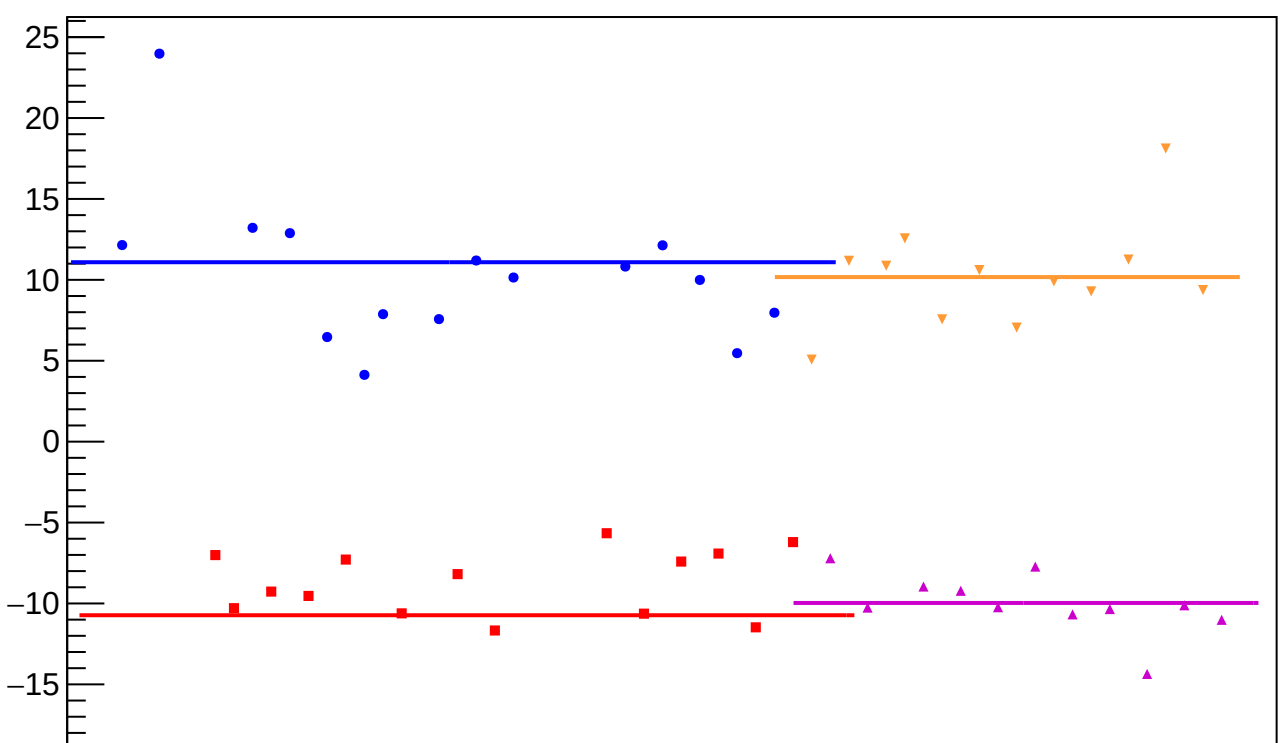
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Left: 14.727+/-0.000 χ^2/NDF: 3306788770143985
Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14
Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728 3
Left Out: -408.794+/-0.000 χ^2/NDF:336657321396169290943910504040497152 0.0/11
In: 90.690+/-0.000 χ^2/NDF:267298439260479340
Right Out: 394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15
Out: -69.697+/-0.000 χ^2/NDF:2561673028781217
Left In: 433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10
All: 10.293+/-0.000 χ^2/NDF: 5437489116587

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.046+/-0.000 χ^2/NDF: 19835798282447665

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822 4

Left Out: 10.171+/-0.000 χ^2/NDF:9089684940831859823552687731900416.0/11

In: -1.280+/-0.000 χ^2/NDF:1861837973152803 28

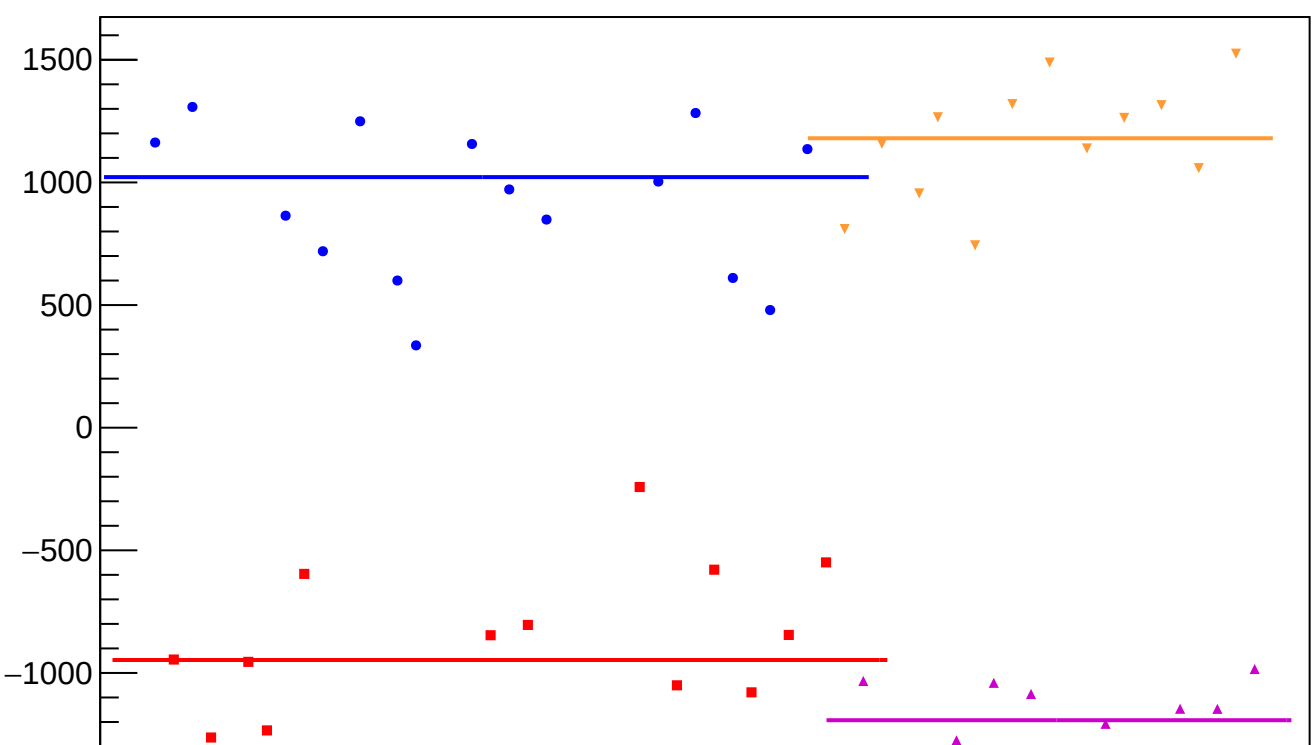
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

Out: 1.354+/-0.000 χ^2/NDF:1922663154658547 31

Left In: -9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

All: 0.040+/-0.000 χ^2/NDF: 3839228456311 8

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

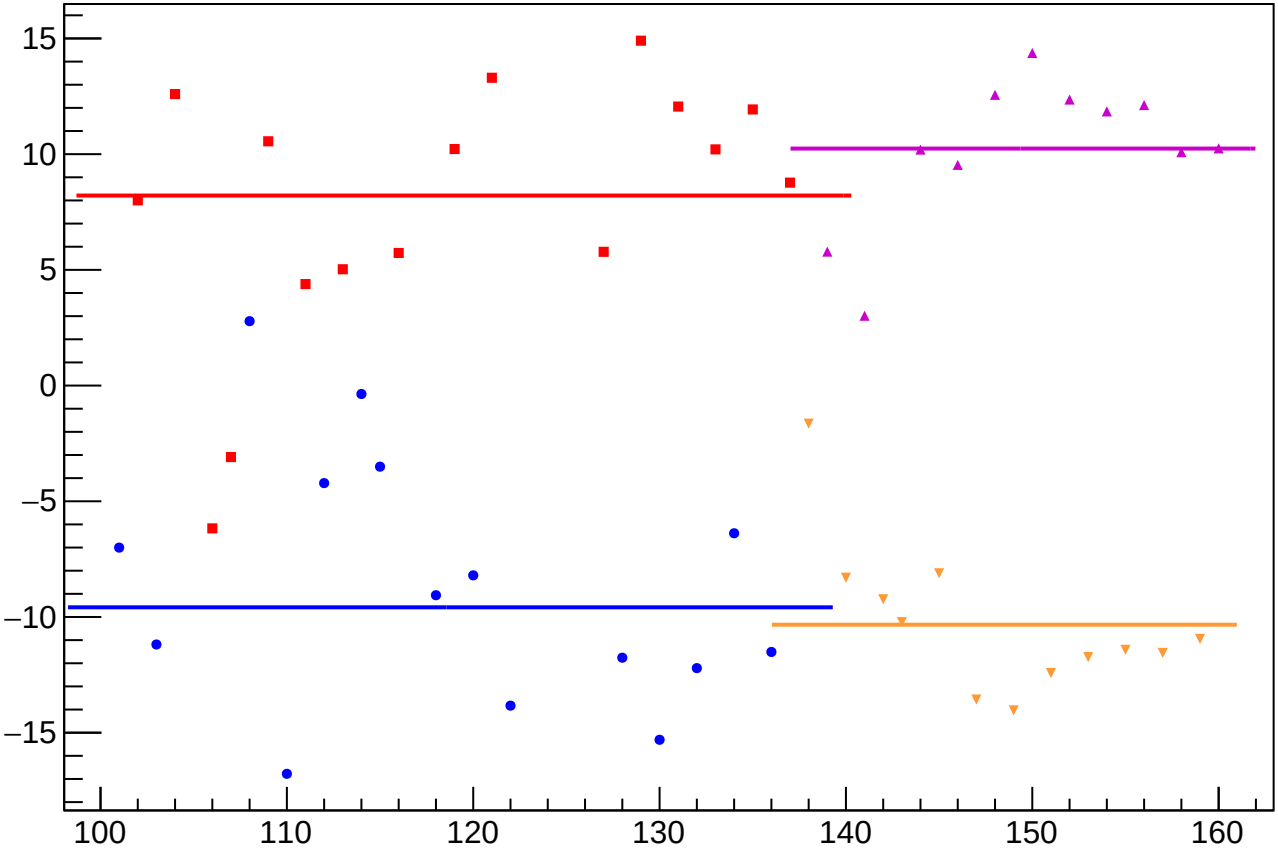
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aY_coil7_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 21288427185661419

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -10.333+/-0.000 χ^2/NDF:9377692425026365375047041474887680.0/11

In: 2.062+/-0.000 χ^2/NDF:173509343725026815 6

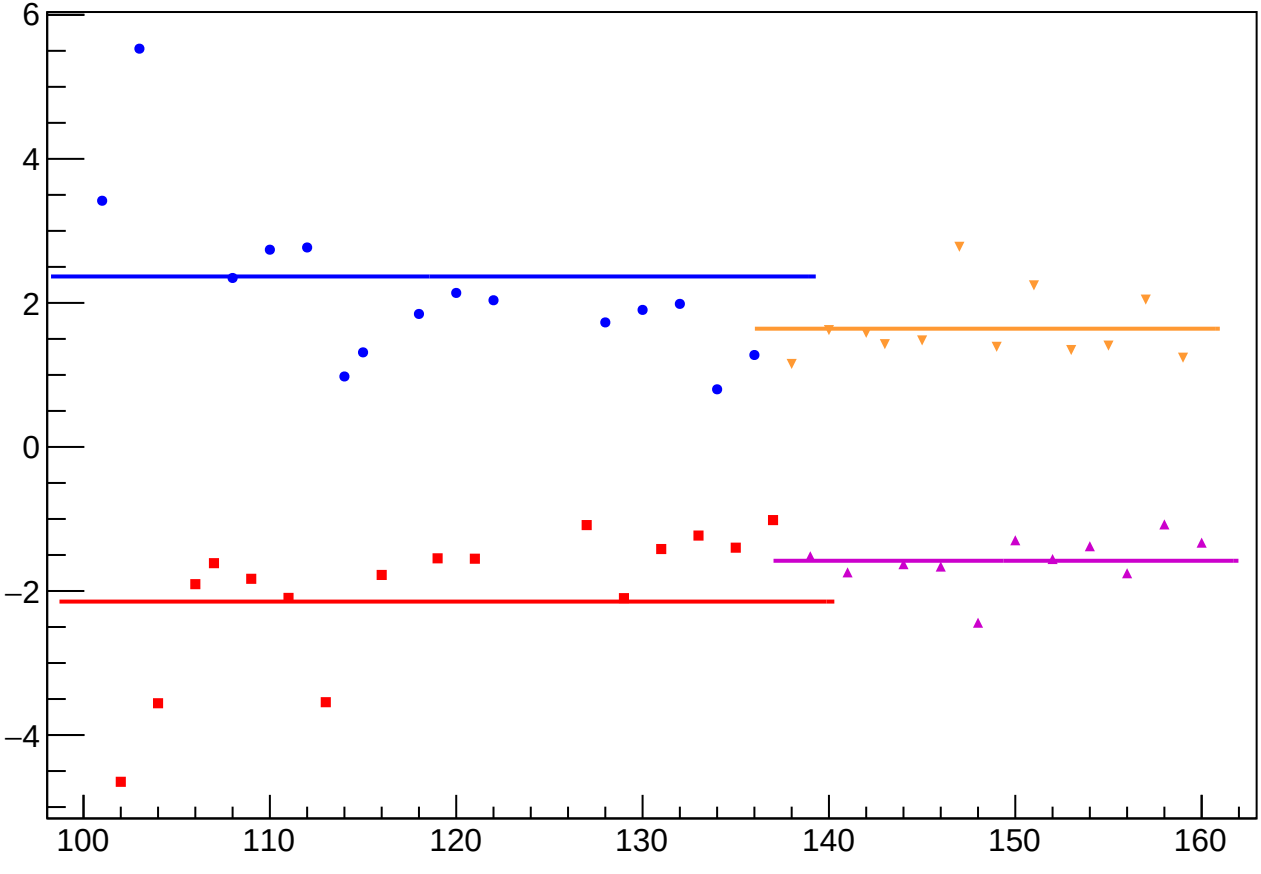
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445 4912.0/15

Out: -2.510+/-0.000 χ^2/NDF:16029265277756400

Left In: 10.241+/-0.000 χ^2/NDF:8992829088408430483485977772818432.0/10

All: -0.229+/-0.000 χ^2/NDF: 3502860386482

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.642+/-0.000 χ^2/NDF:1958421482260435270399099152629 76.0/11

Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

Left In: -1.580+/-0.000 χ^2/NDF:1041598201066898133531717921669 12.0/10

Left: 0.022+/-0.000 χ^2/NDF: 5071287631996029 95

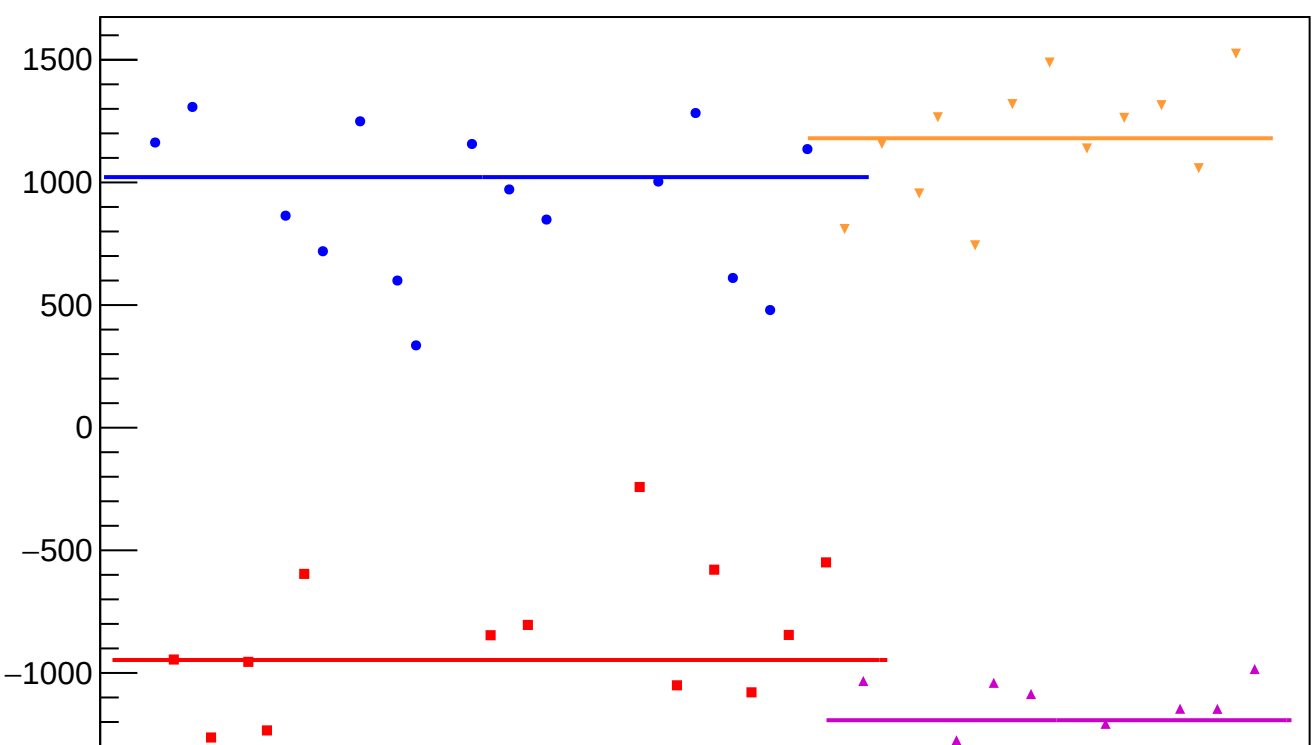
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

In: 0.048+/-0.000 χ^2/NDF:6965293012919252949

Out: 0.043+/-0.000 χ^2/NDF:6496209929578135 24

All: 0.046+/-0.000 χ^2/NDF: 1346152125822 2

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

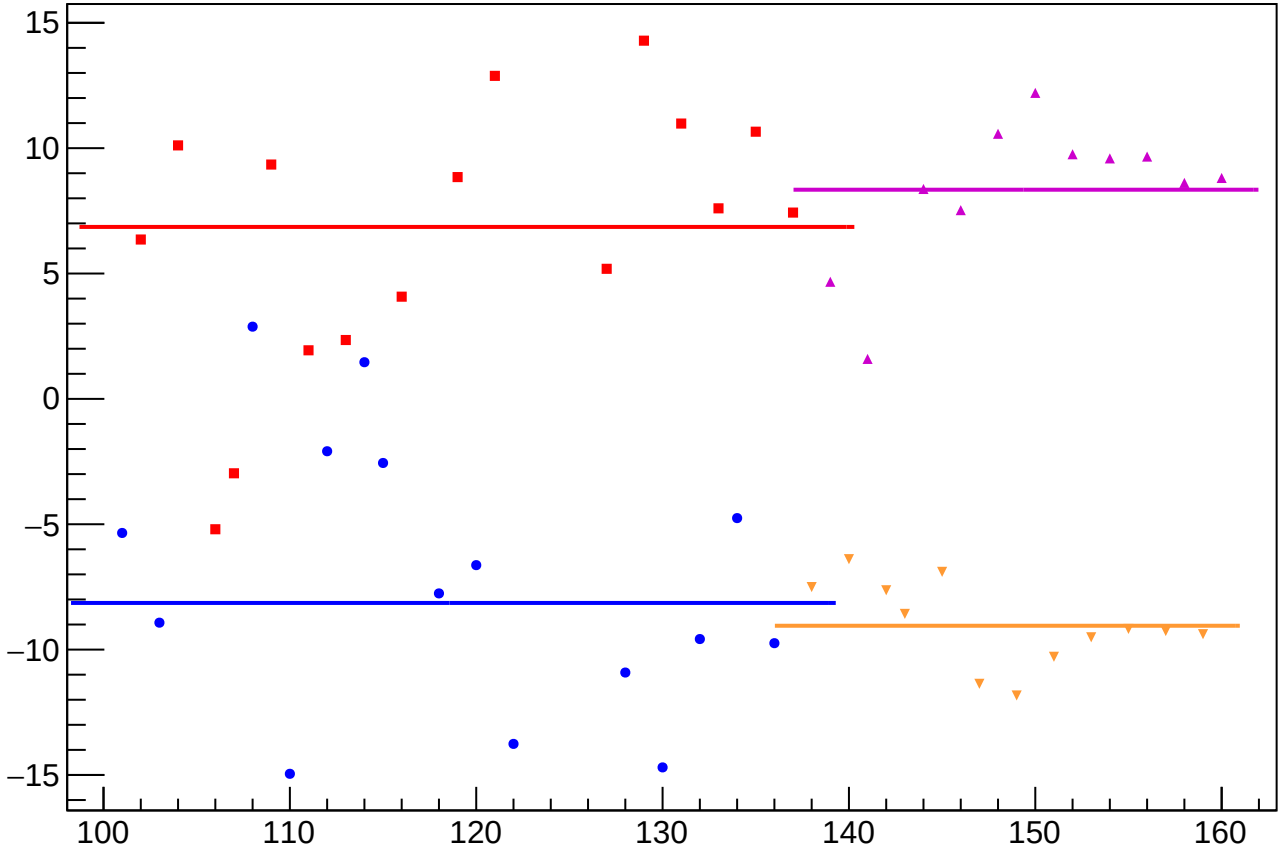
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -0.306+/-0.000 χ^2/NDF: 14869200131628523

Right In: -8.139+/-0.000 χ^2/NDF: 14676442649222120372533779893321728.0/14

Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360

Left Out: -9.049+/-0.000 χ^2/NDF:24490585061848397921338895011676 16.0/11

In: 1.543+/-0.000 χ^2/NDF:125503787533392226

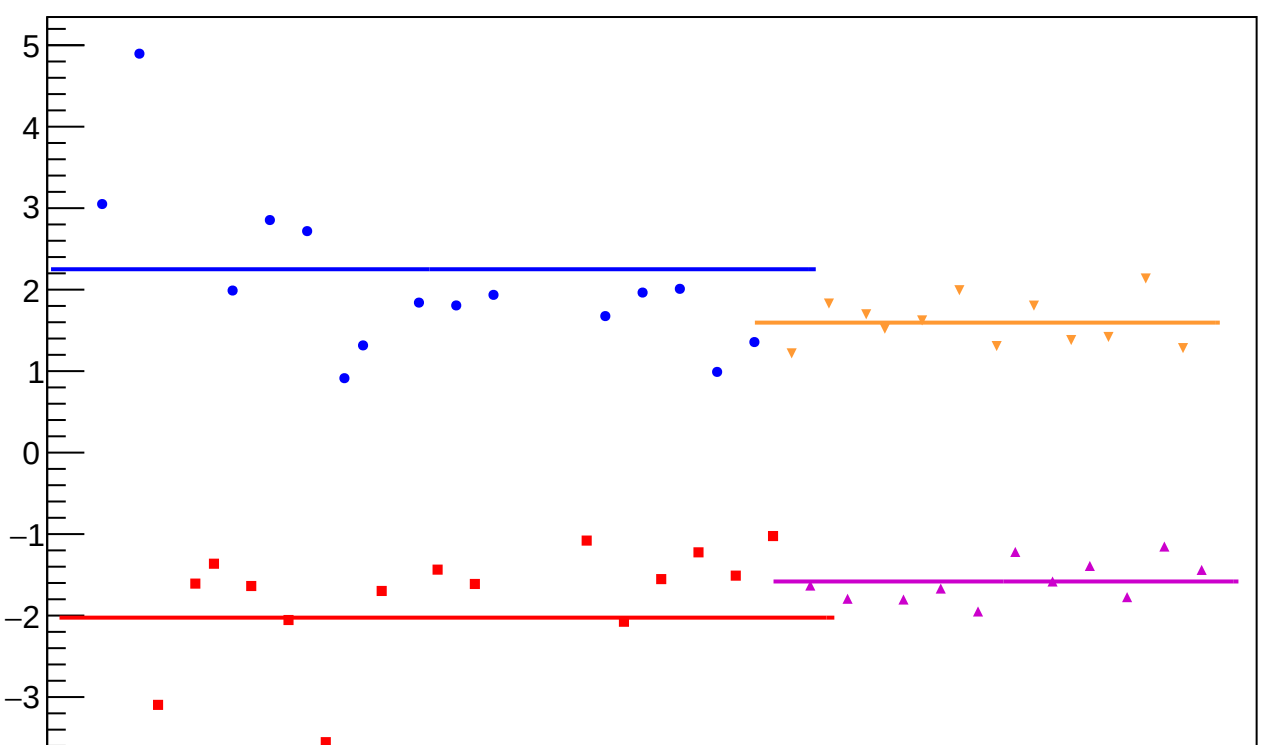
Right Out: 6.859+/-0.000 χ^2/NDF: 16483631561591790731352632153079808.0/15

Out: -2.337+/-0.000 χ^2/NDF:11650582915107792

Left In: 8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

All: -0.402+/-0.000 χ^2/NDF: 2538807042517

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.002+/-0.000 χ^2/NDF: 47692091365886523

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Right: 0.083+/-0.000 χ^2/NDF: 7249257967761916 2

Left Out: 1.595+/-0.000 χ^2/NDF:7654921329220878114854523004518 4.0/11

In: -0.001+/-0.000 χ^2/NDF:6309895304993274 21

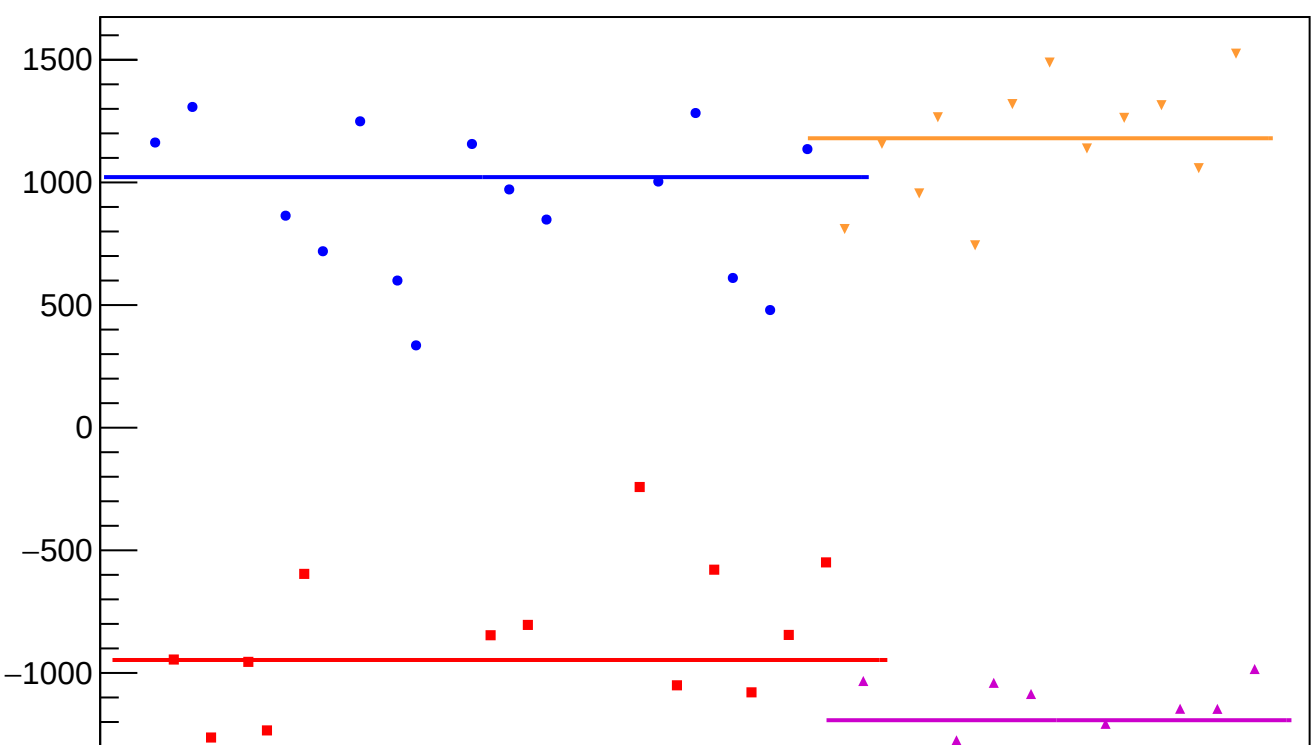
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: 0.068+/-0.000 χ^2/NDF:5710429327761081 99

Left In: -1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

All: 0.034+/-0.000 χ^2/NDF: 1202401440292 9

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

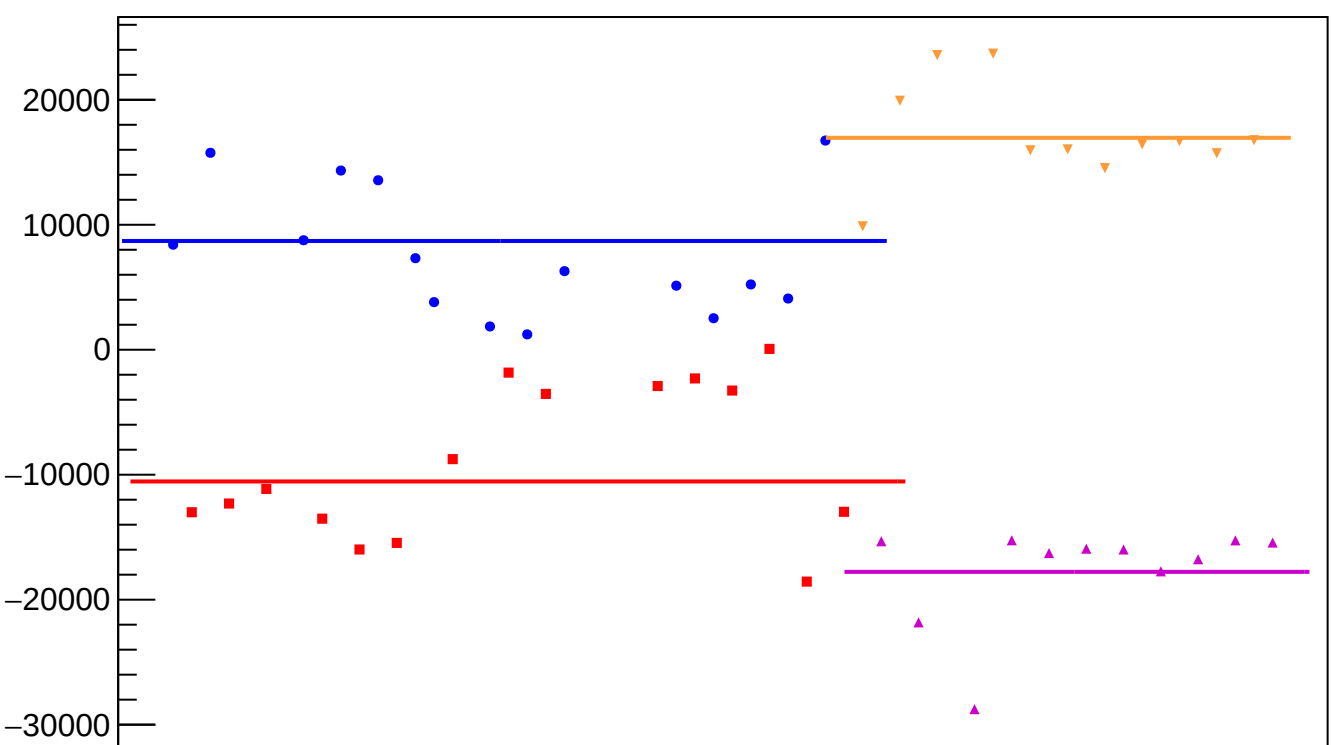
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -1162.779+/-0.000 χ^2/NDF: 55890843498990

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191191922688.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16957.575+/-0.000 χ^2/NDF:109380086255505617702852542976972438896 64.0/10

In: -6849.259+/-0.000 χ^2/NDF:301670600144202

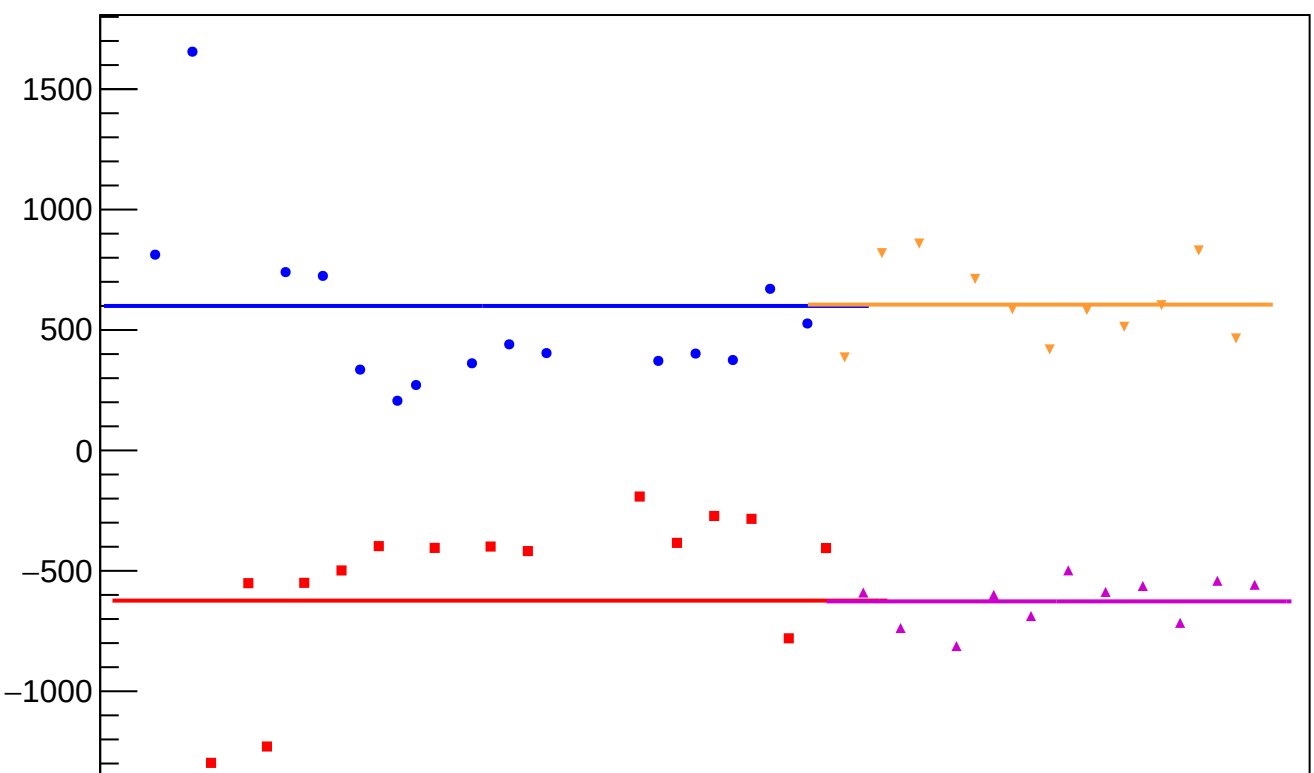
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 4843.682+/-0.000 χ^2/NDF:33929574980115 9

Left In: -17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

All: -1114.529+/-0.000 χ^2/NDF: 7464452329

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Left: -37.453+/-0.000 χ^2/NDF: 6997777139470911

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 605.454+/-0.000 χ^2/NDF:2060003669657688968648891386270685593 6.0/10

In: -120.691+/-0.000 χ^2/NDF:6710419743647367

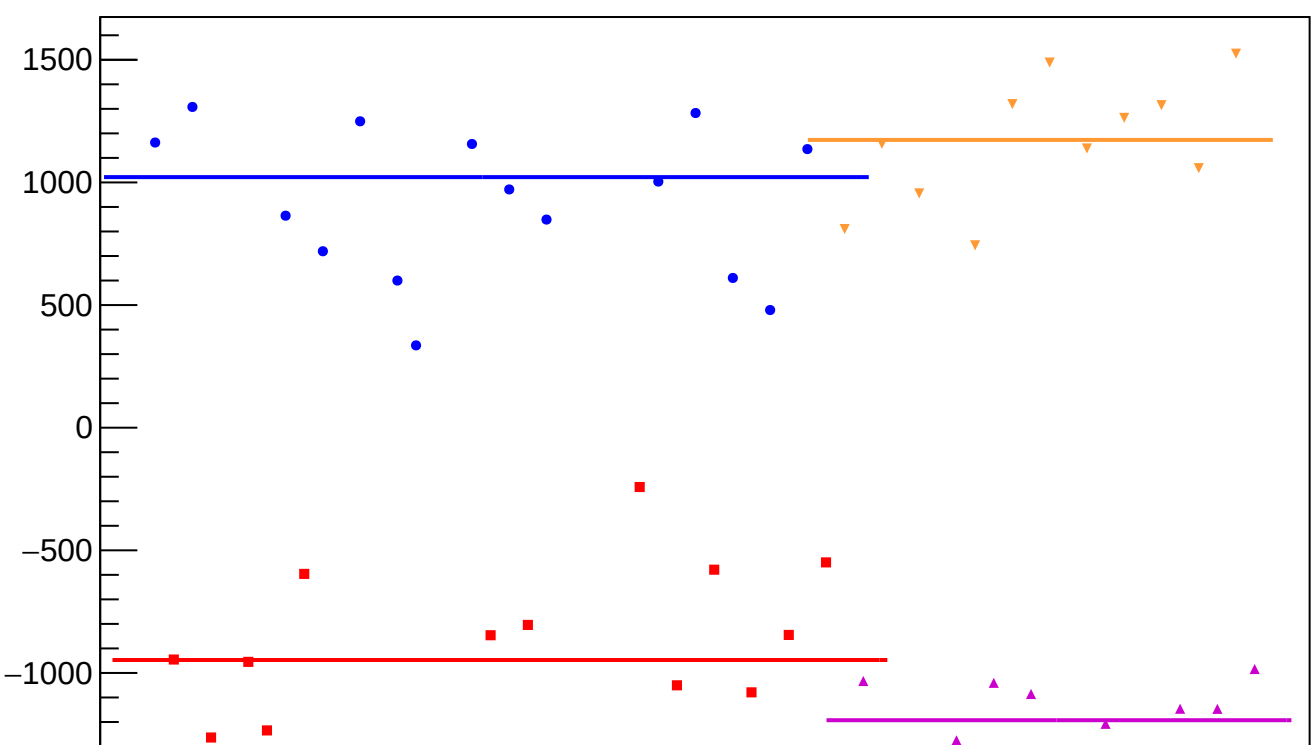
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: 64.002+/-0.000 χ^2/NDF:6856908765406279 7

Left In: -626.785+/-0.000 χ^2/NDF:8170989429665370050254275774703992832.0/10

All: -30.110+/-0.000 χ^2/NDF: 138304886705

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -61.112+/-0.000 χ^2/NDF: 2543368931885977

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1173.334+/-0.000 χ^2/NDF:502592256921254396792444427519246991 36.0/10

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

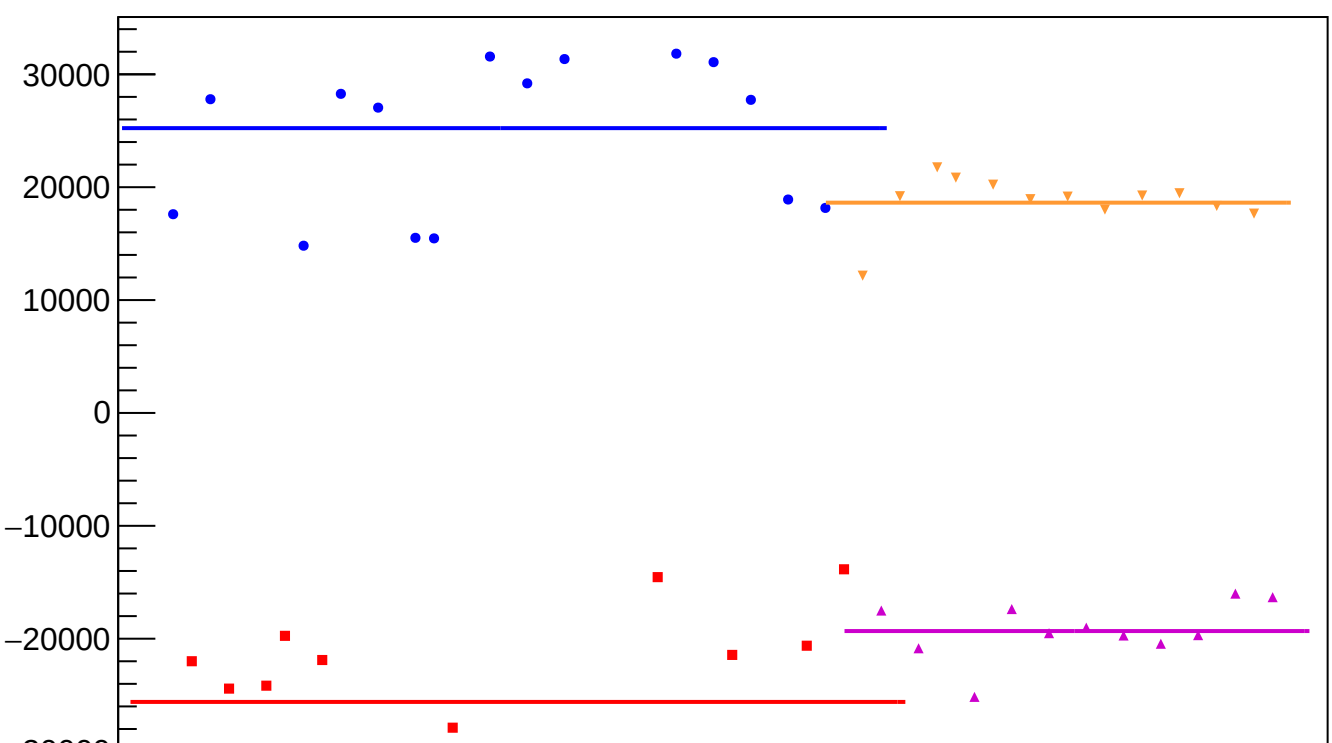
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 239.147+/-0.000 χ^2/NDF:1795887749814407

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: -24.912+/-0.000 χ^2/NDF: 393215150522

dit_usr_coil7_mean vs Slug, Sign Corrected



Left: -449.430+/-0.000 χ^2/NDF: 671887437308897

Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Right: -532.226+/-0.000 χ^2/NDF: 89888992461613

Left Out: 18630.609+/-0.000 χ^2/NDF:4499157177792733453337123782201790431232.0/11

In: -940.058+/-0.000 χ^2/NDF:7868508361919144

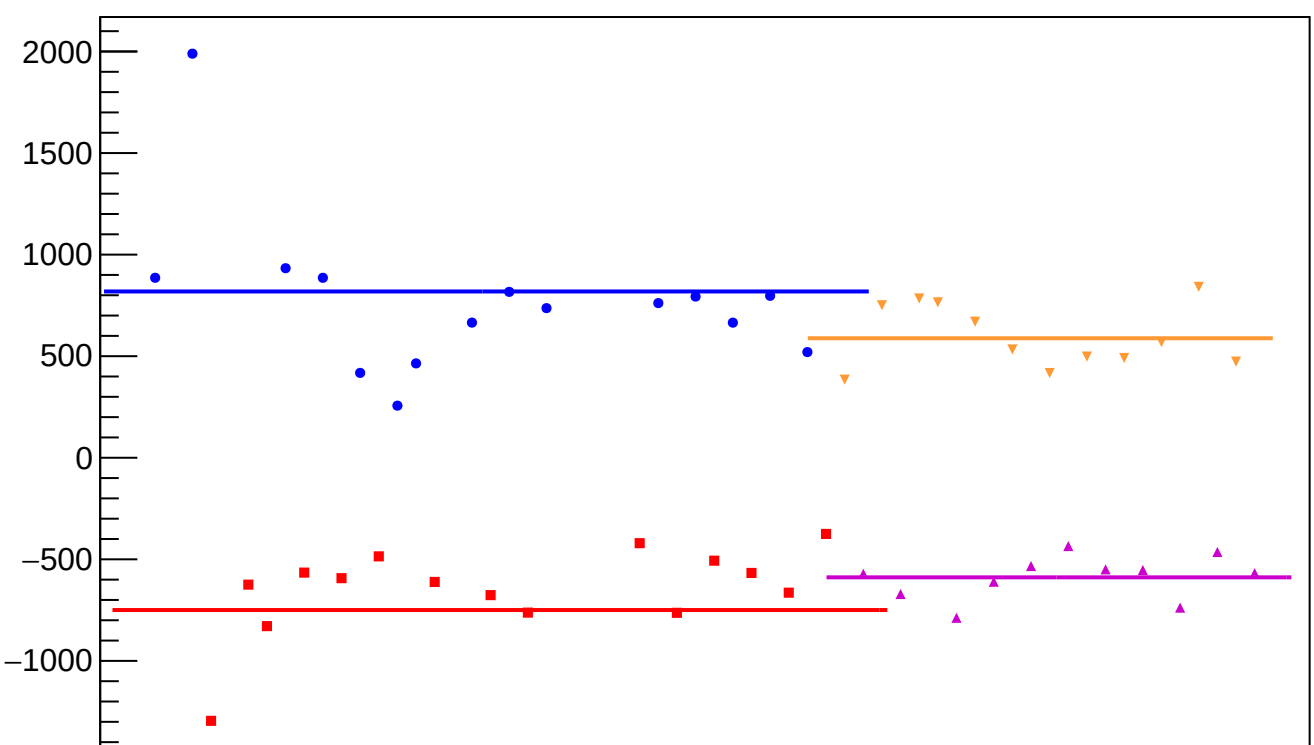
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

Out: -30.202+/-0.000 χ^2/NDF:7832790364927991

Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

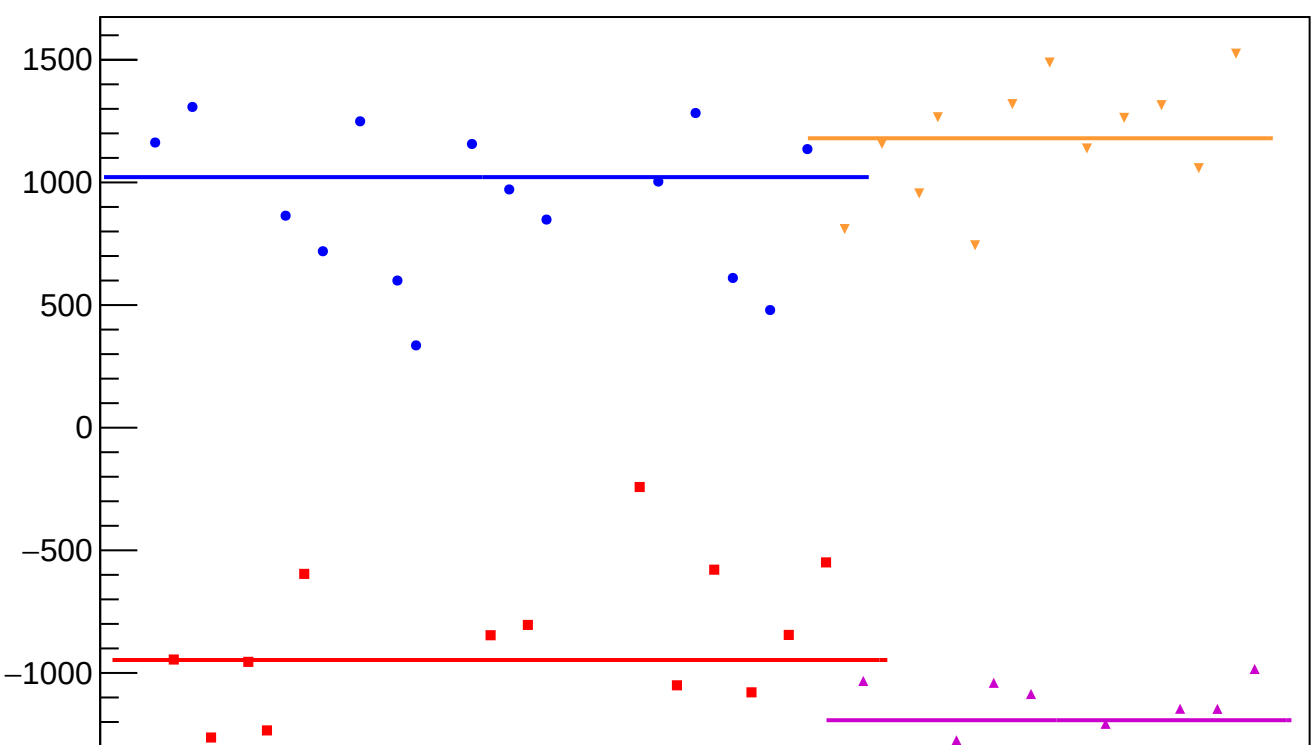
All: -483.976+/-0.000 χ^2/NDF: 15707826192

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Left: -3.353+/-0.000 χ^2/NDF: 66659527229300677
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925
Left Out: 588.391+/-0.000 χ^2/NDF:2006019737798911499129666566607811379 2.0/11
In: -8.034+/-0.000 χ^2/NDF:870601201099148606
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915020 8.0/15
Out: 23.887+/-0.000 χ^2/NDF:7884100997883068 9
Left In: -588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10
All: 7.967+/-0.000 χ^2/NDF: 1659814713315 5

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

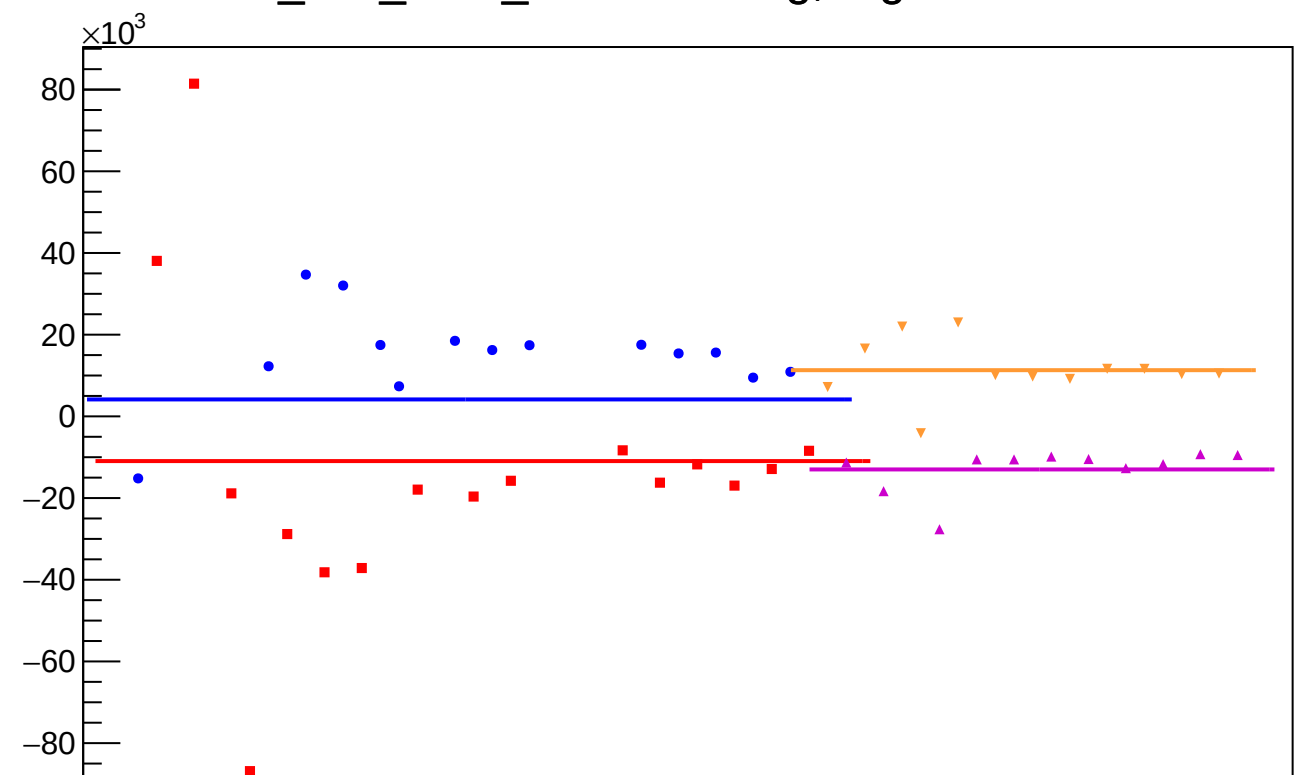
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl1_coil7_mean vs Slug, Sign Corrected



Left: -909.343+/-0.000 χ^2/NDF: 334047502497759

Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11307.773+/-0.000 χ^2/NDF:3628106586224425978730098238817854868684 8.0/11

In: -5922.694+/-0.000 χ^2/NDF:902084767732052

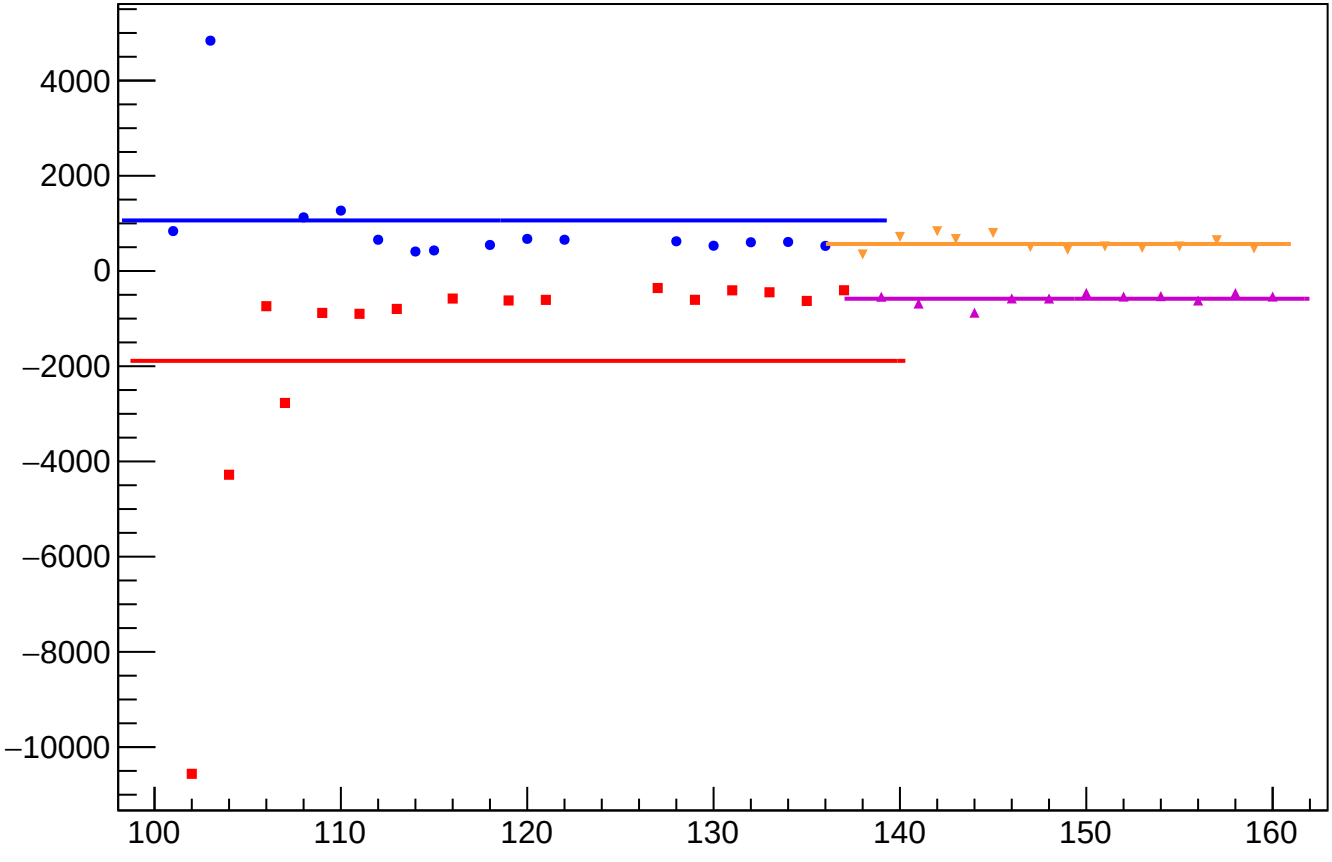
Right Out: -10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

Out: 1918.368+/-0.000 χ^2/NDF:110122853896245

Left In: -12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

All: -1992.219+/-0.000 χ^2/NDF: 2051791747

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Left: -10.469+/-0.000 χ^2/NDF: 6372083040457971

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11

In: 96.109+/-0.000 χ^2/NDF:199572640986063157

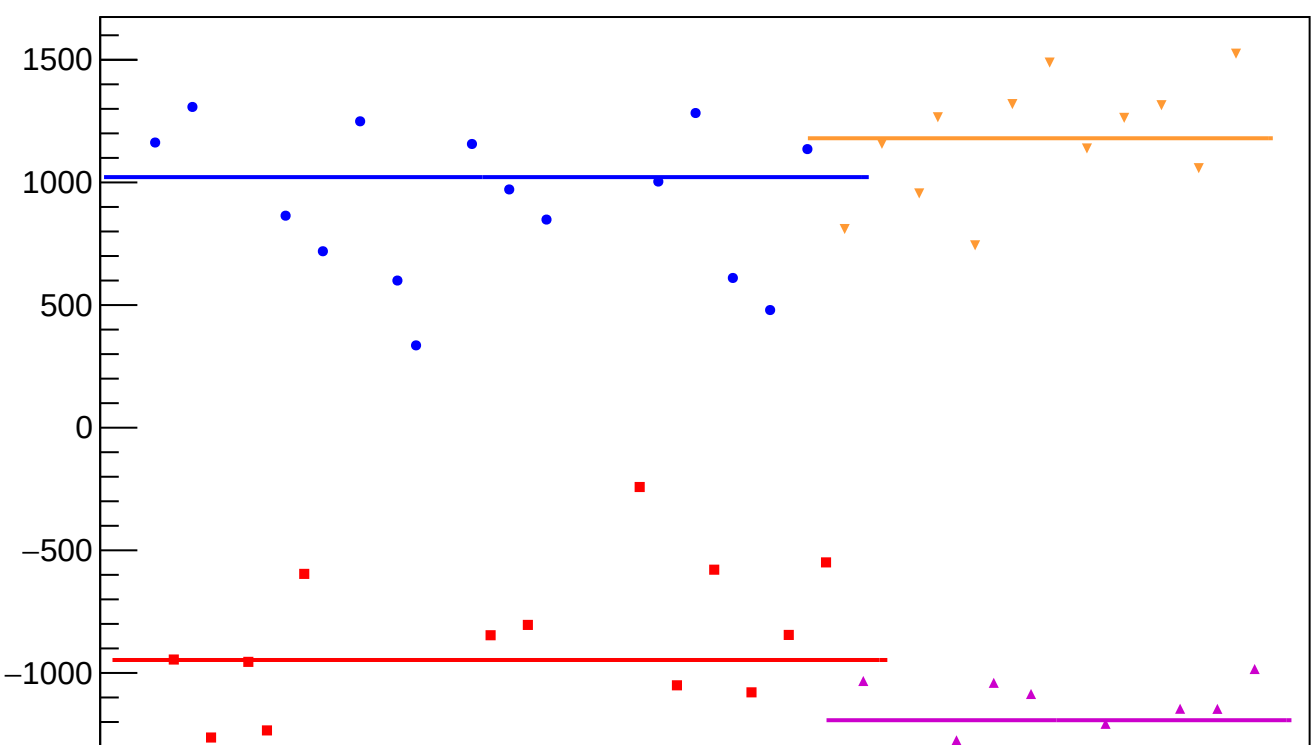
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

Out: -467.914+/-0.000 χ^2/NDF:786707402720723

Left In: -582.413+/-0.000 χ^2/NDF:1186014446253818181381467896572962 4064.0/10

All: -186.618+/-0.000 χ^2/NDF: 1011363817 1

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

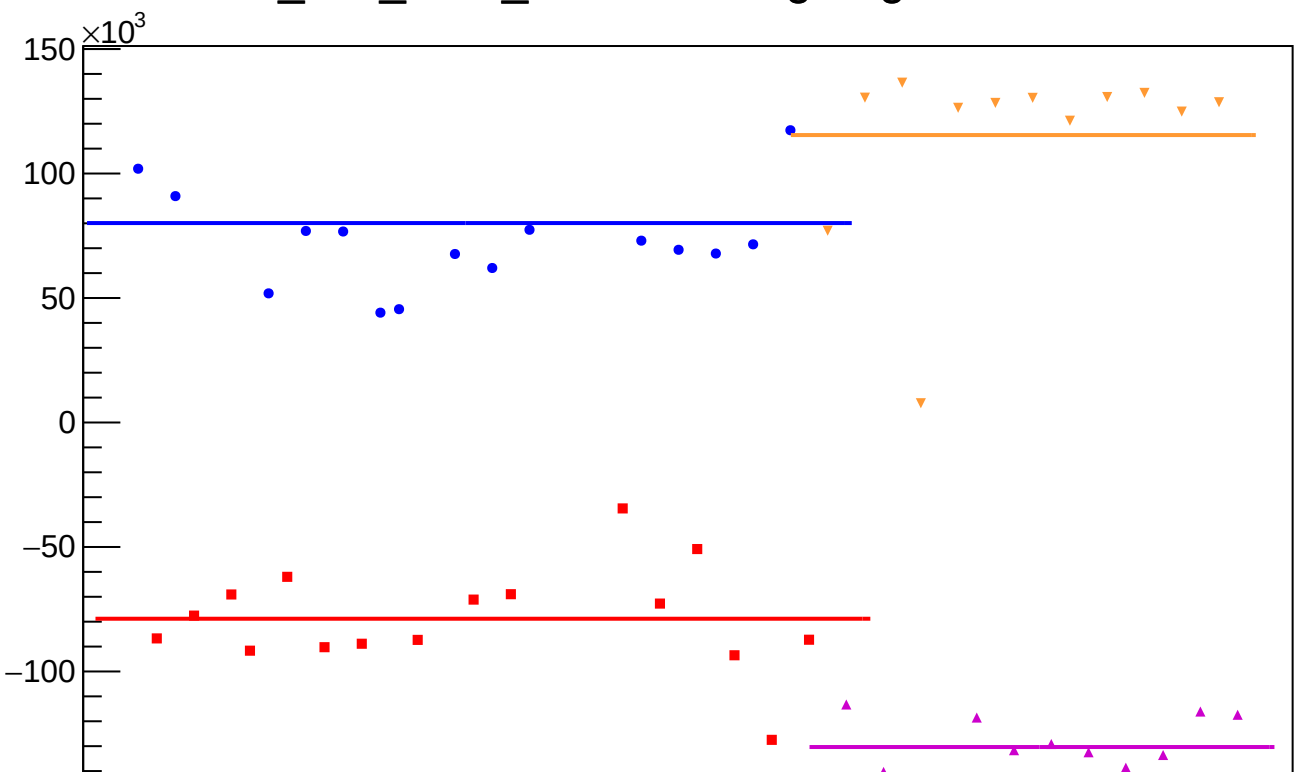
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl2_coil7_mean vs Slug, Sign Corrected



Left: -8117.324+/-0.000 χ^2/NDF: 28946961702695

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Right: -443.492+/-0.000 χ^2/NDF: 88479516524724

Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11

In: -43517.739+/-0.000 χ^2/NDF:17286902459469

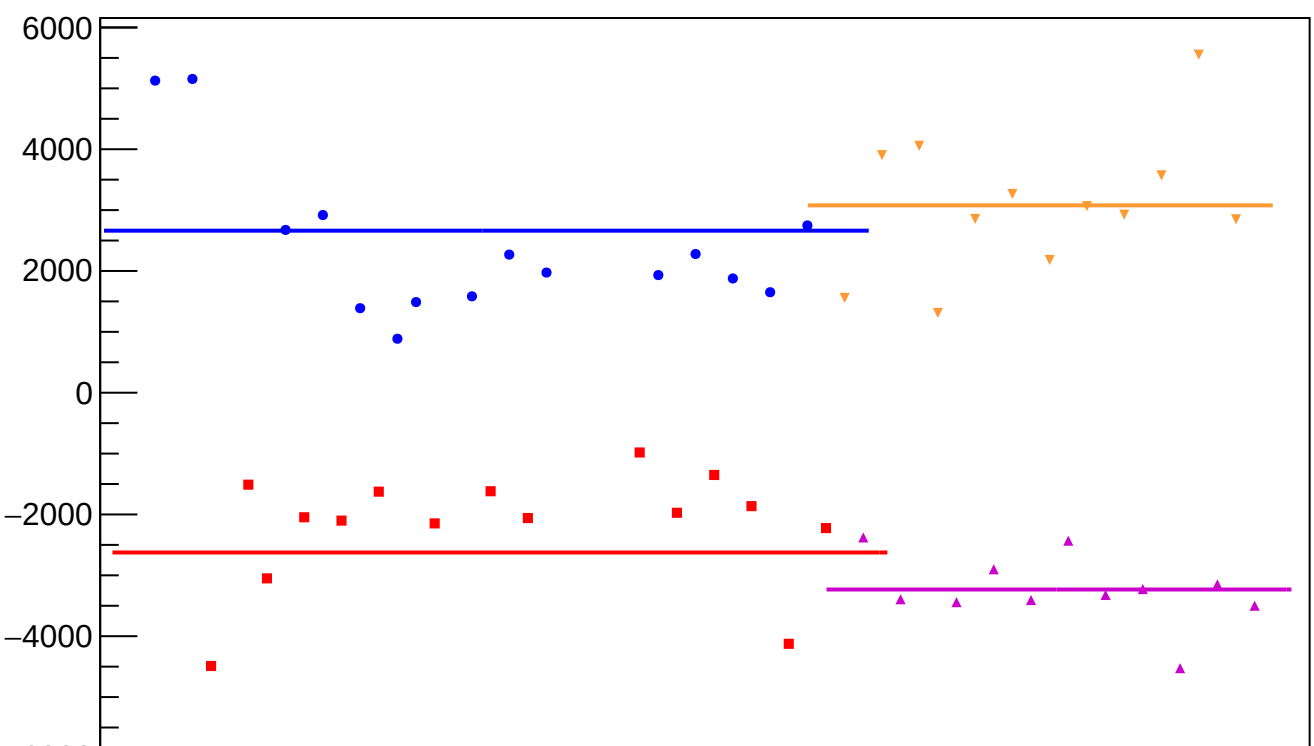
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

Out: 33491.542+/-0.000 χ^2/NDF:15877058488272

Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10

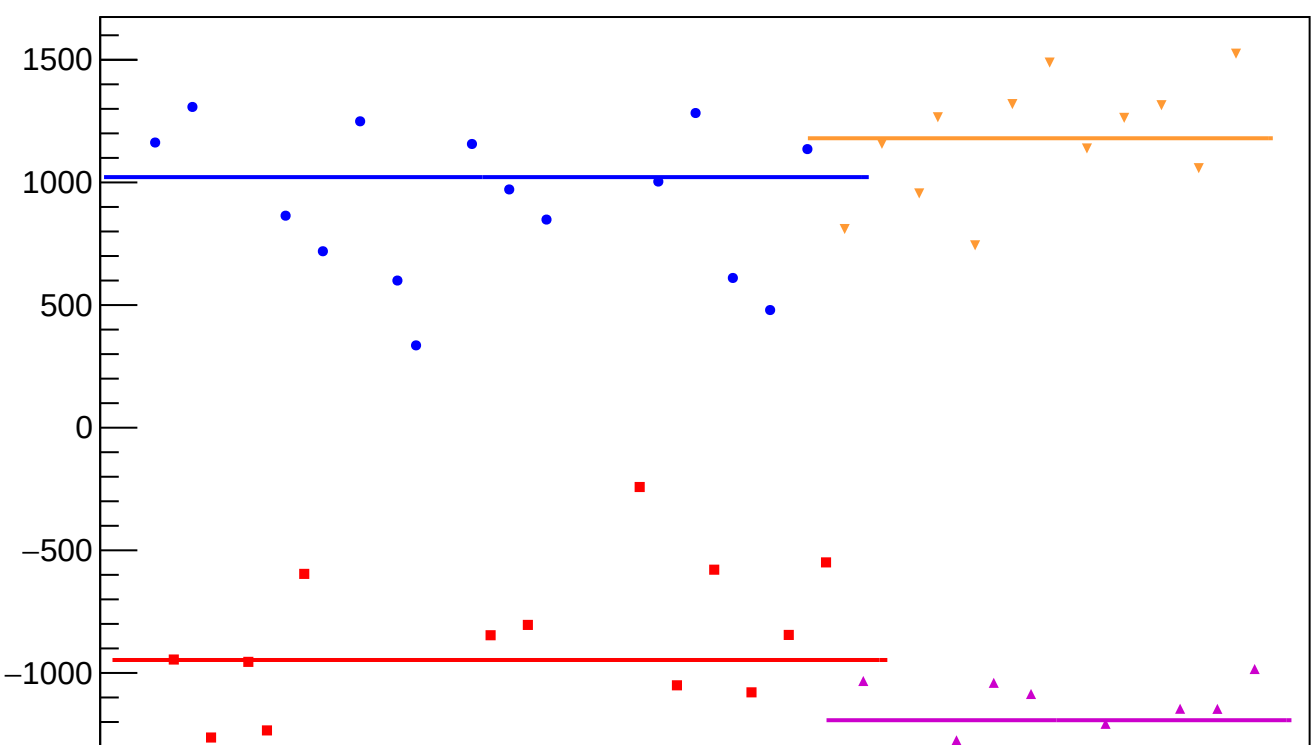
All: -4915.433+/-0.000 χ^2/NDF: 3784007443

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: -94.635+/-0.000 χ^2/NDF: 1964916620255589
Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14
Right: -17.413+/-0.000 χ^2/NDF: 117922842657675
Left Out: 3077.945+/-0.000 χ^2/NDF:1073709891492389198093936322660595138560.0/11
In: -800.651+/-0.000 χ^2/NDF:1455555206694384
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15
Out: 672.087+/-0.000 χ^2/NDF:1518026118358382
Left In: -3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938 88.0/10
All: -62.414+/-0.000 χ^2/NDF: 314460236947

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

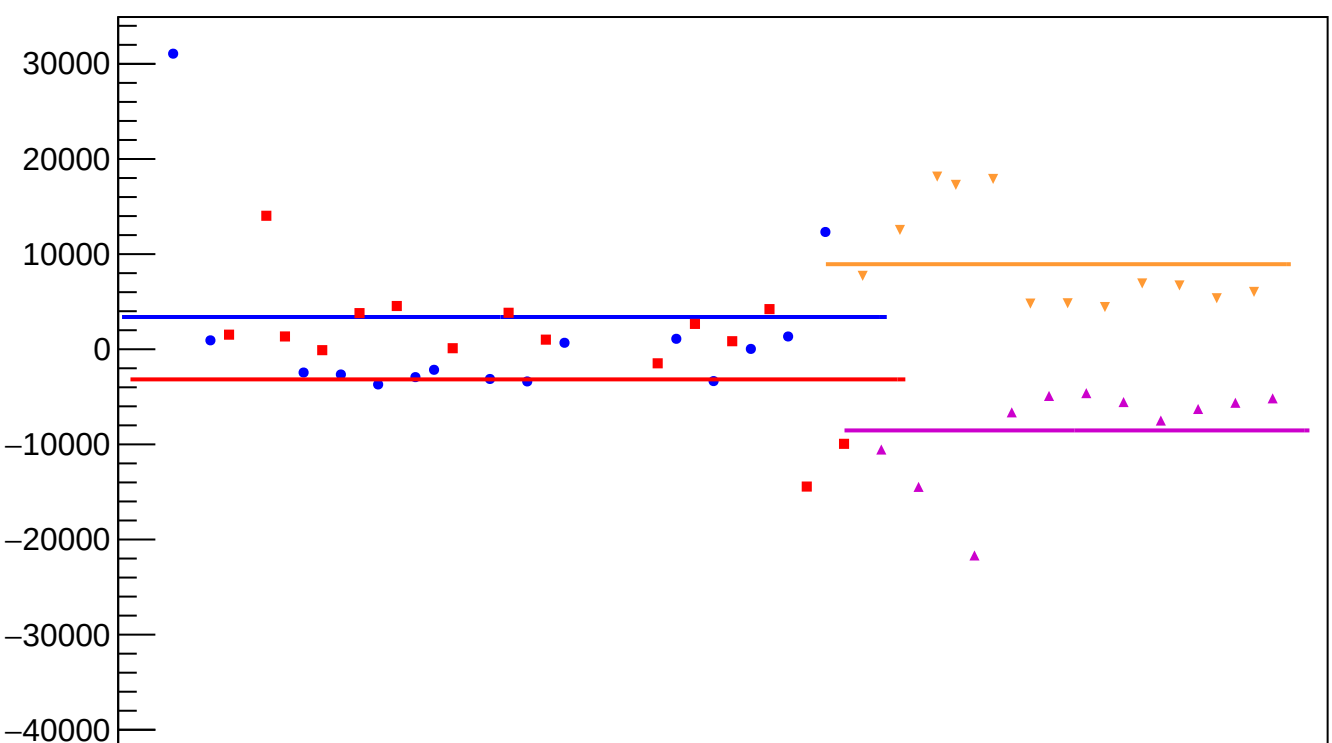
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr1_coil7_mean vs Slug, Sign Corrected



Left: 156.909+/-0.000 χ^2/NDF: 1873655199537507

Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14

Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725

Left Out: 8941.712+/-0.000 χ^2/NDF:2275754272352997686292418962883726435942 4.0/11

In: -3613.388+/-0.000 χ^2/NDF:144369798447171

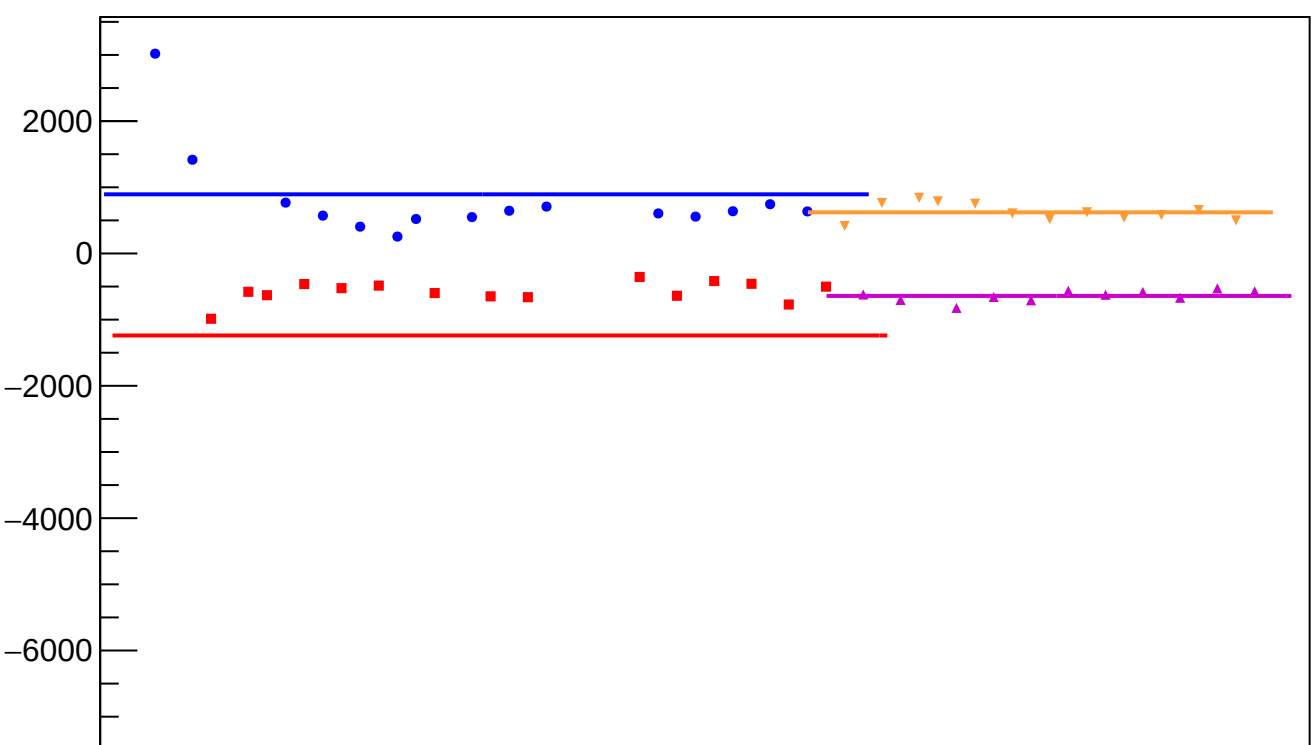
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 3833.063+/-0.000 χ^2/NDF:217052558141828

Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10

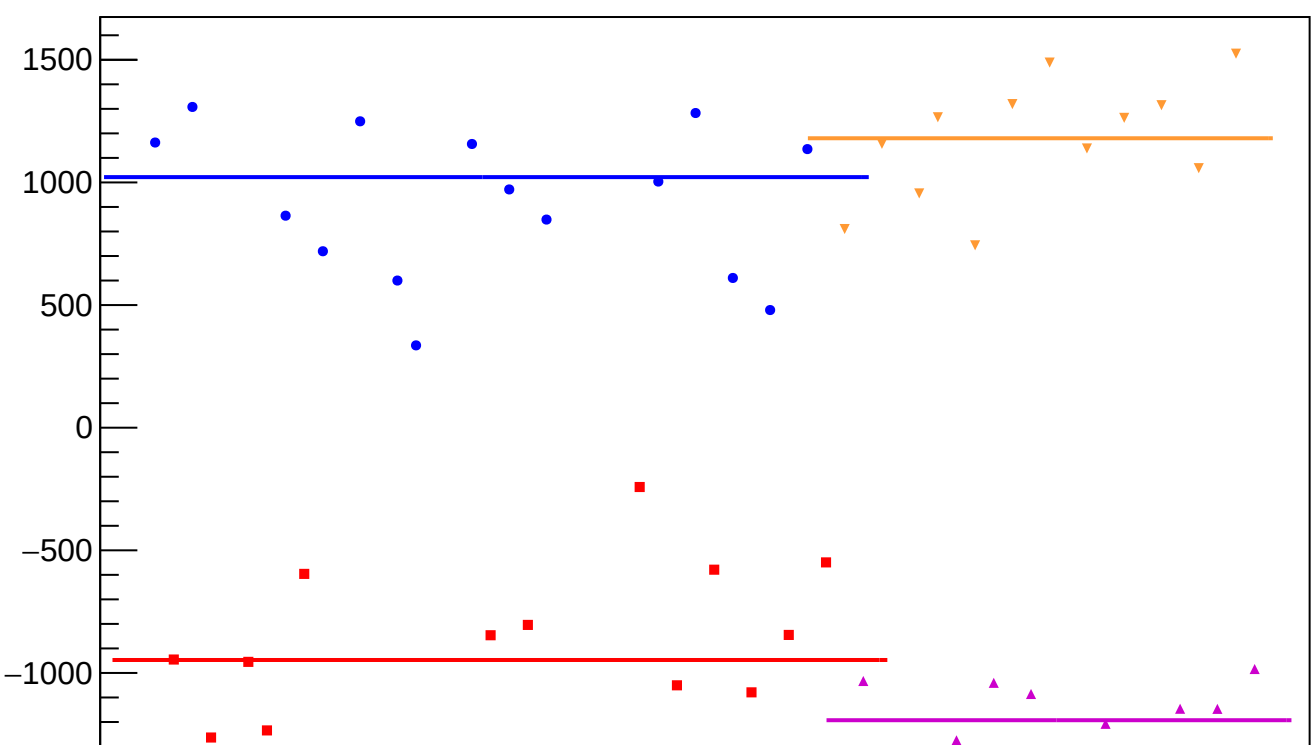
All: 119.281+/-0.000 χ^2/NDF: 40514411289 8

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: -13.483+/-0.000 χ^2/NDF: 7520936396903635
Right In: 893.683+/-0.000 χ^2/NDF: 334583619078631008932404228227359309824.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 621.395+/-0.000 χ^2/NDF:132207613490335953911830349302558883 84.0/11
In: -8.097+/-0.000 χ^2/NDF:123909874324086760
Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
Out: -163.603+/-0.000 χ^2/NDF:431923837770575
Left In: -641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554 3552.0/10
All: -86.047+/-0.000 χ^2/NDF: 557740460848

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

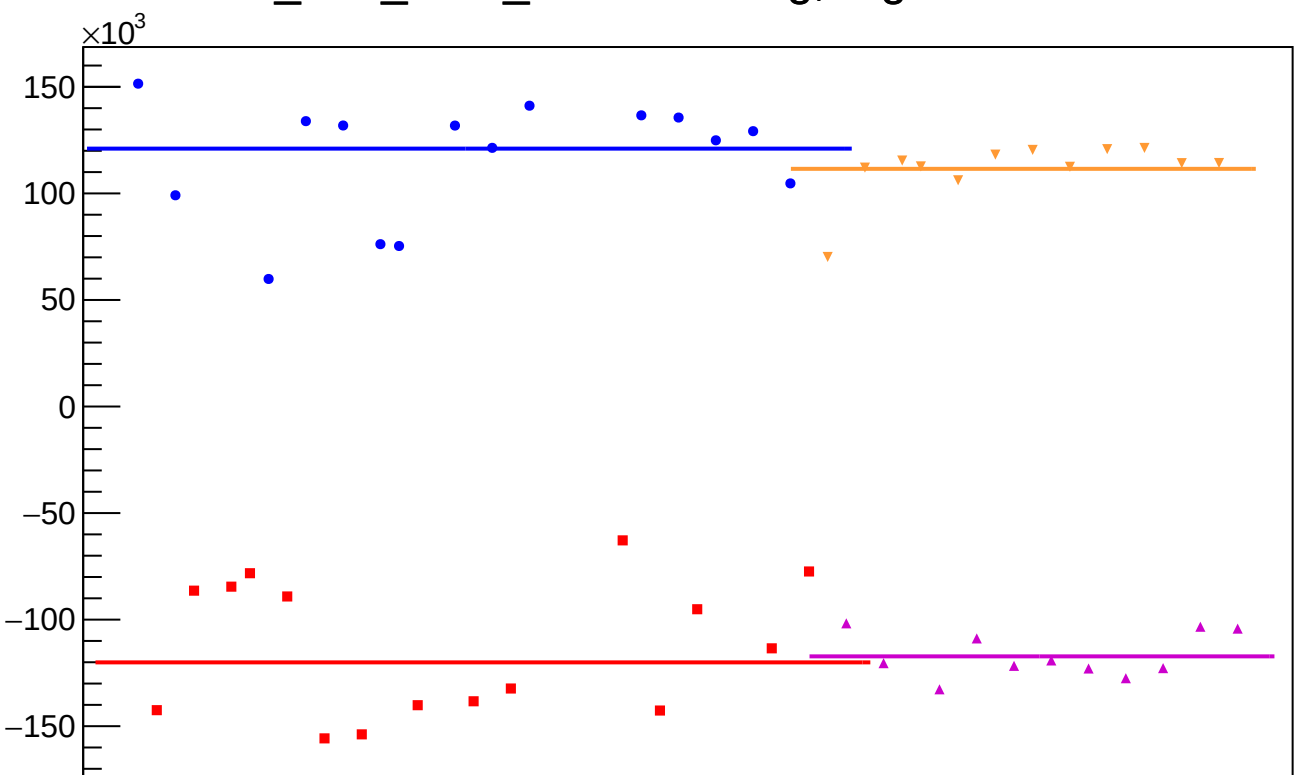
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

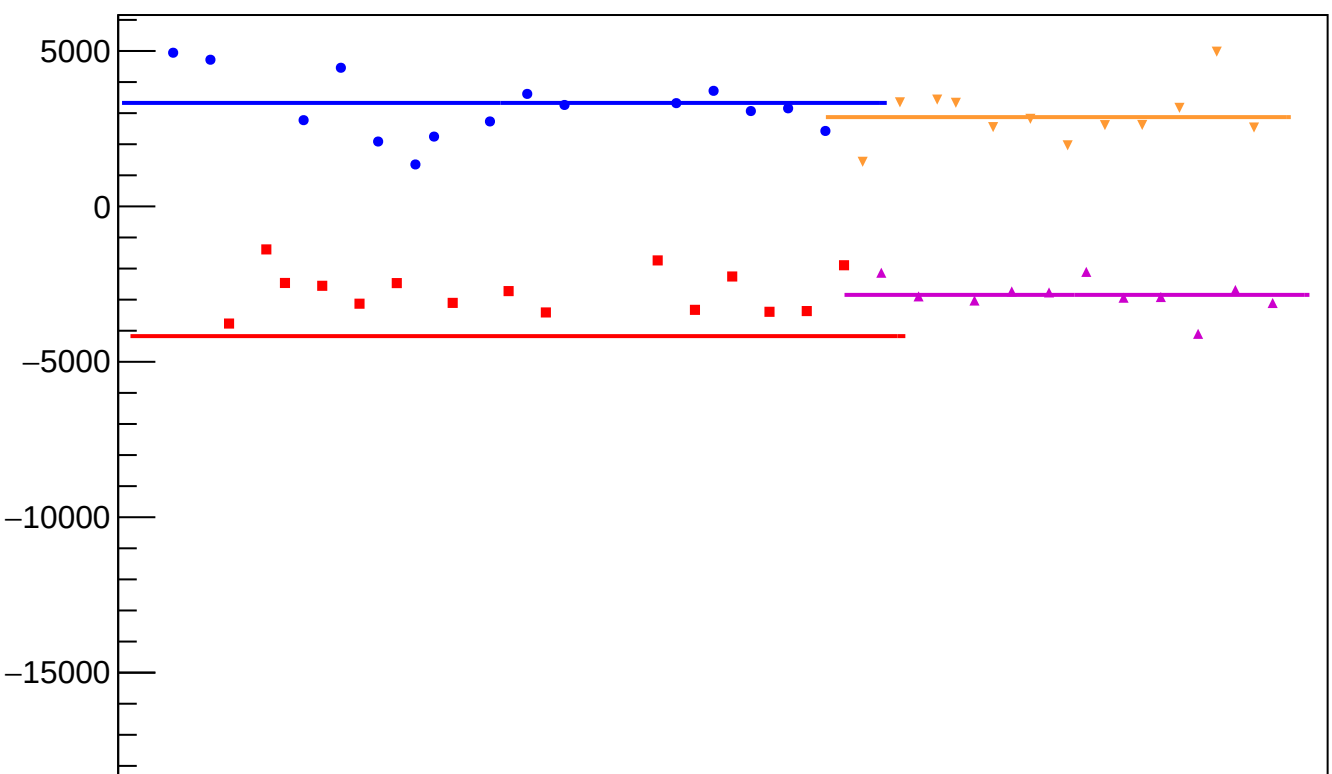
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr2_coil7_mean vs Slug, Sign Corrected



Left: -3475.224+/-0.000 χ^2/NDF: 24302392391152
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 111531.681+/-0.000 χ^2/NDF:162724299829921950370834246417372913074176.0/11
In: -18936.885+/-0.000 χ^2/NDF:22091556289906
Right Out: -120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
Out: 13826.359+/-0.000 χ^2/NDF:21672960026826
Left In: -117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10
All: -2513.712+/-0.000 χ^2/NDF: 4461091057

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: -2.554+/-0.000 χ^2/NDF: 15921502408931202

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

In: -298.400+/-0.000 χ^2/NDF:1533808541348253

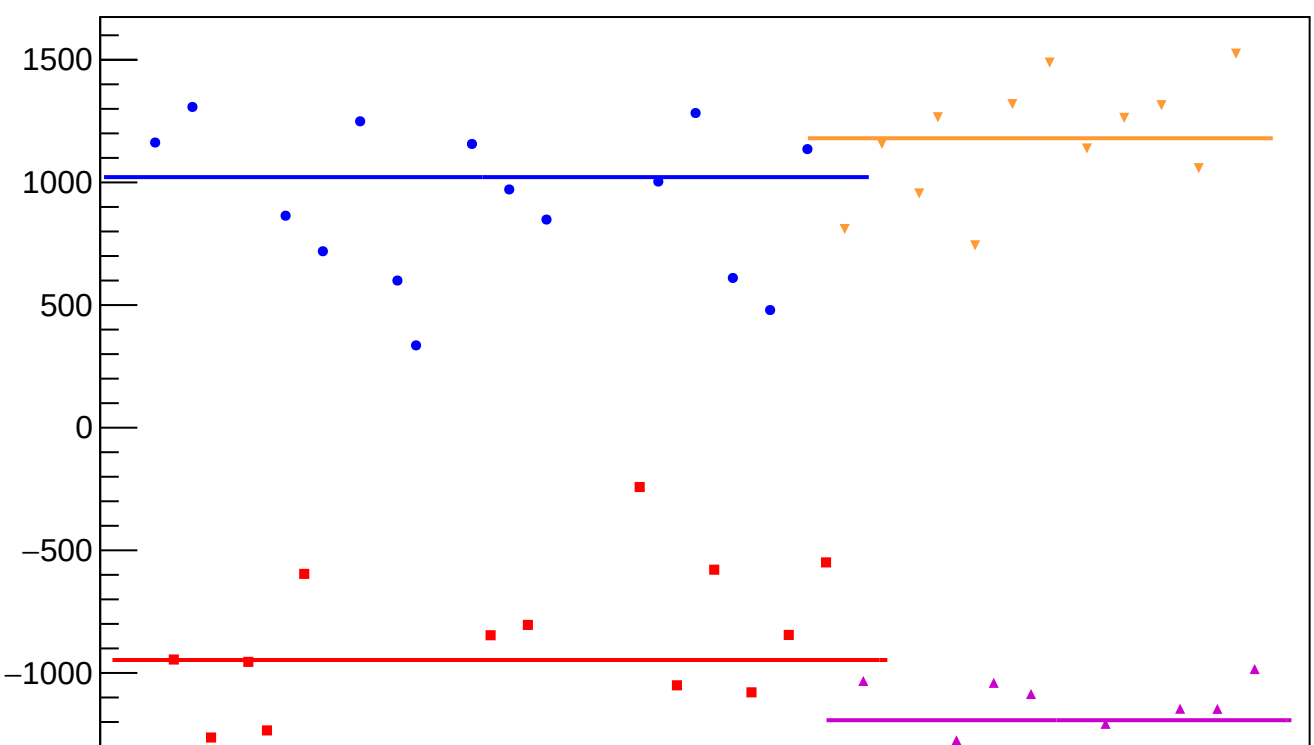
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

Out: -100.034+/-0.000 χ^2/NDF:333048130531602

Left In: -2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

All: -198.965+/-0.000 χ^2/NDF: 48673924762

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

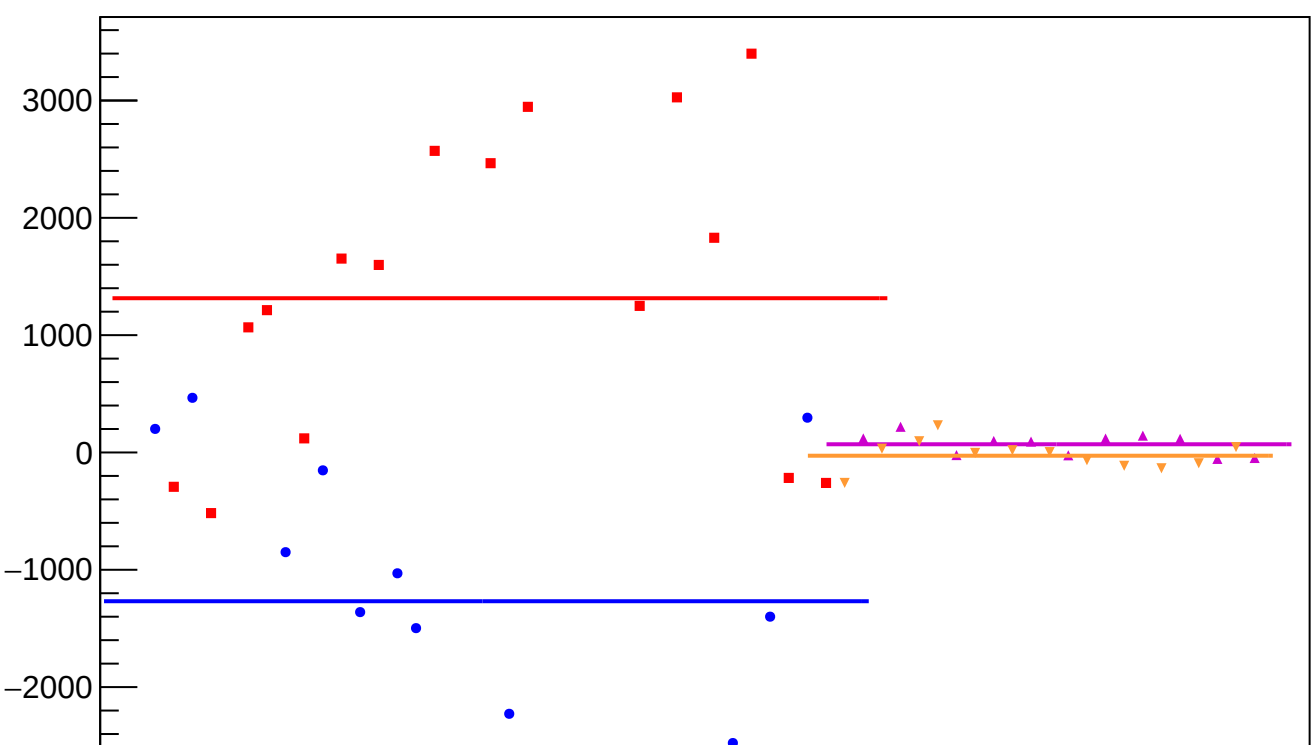
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

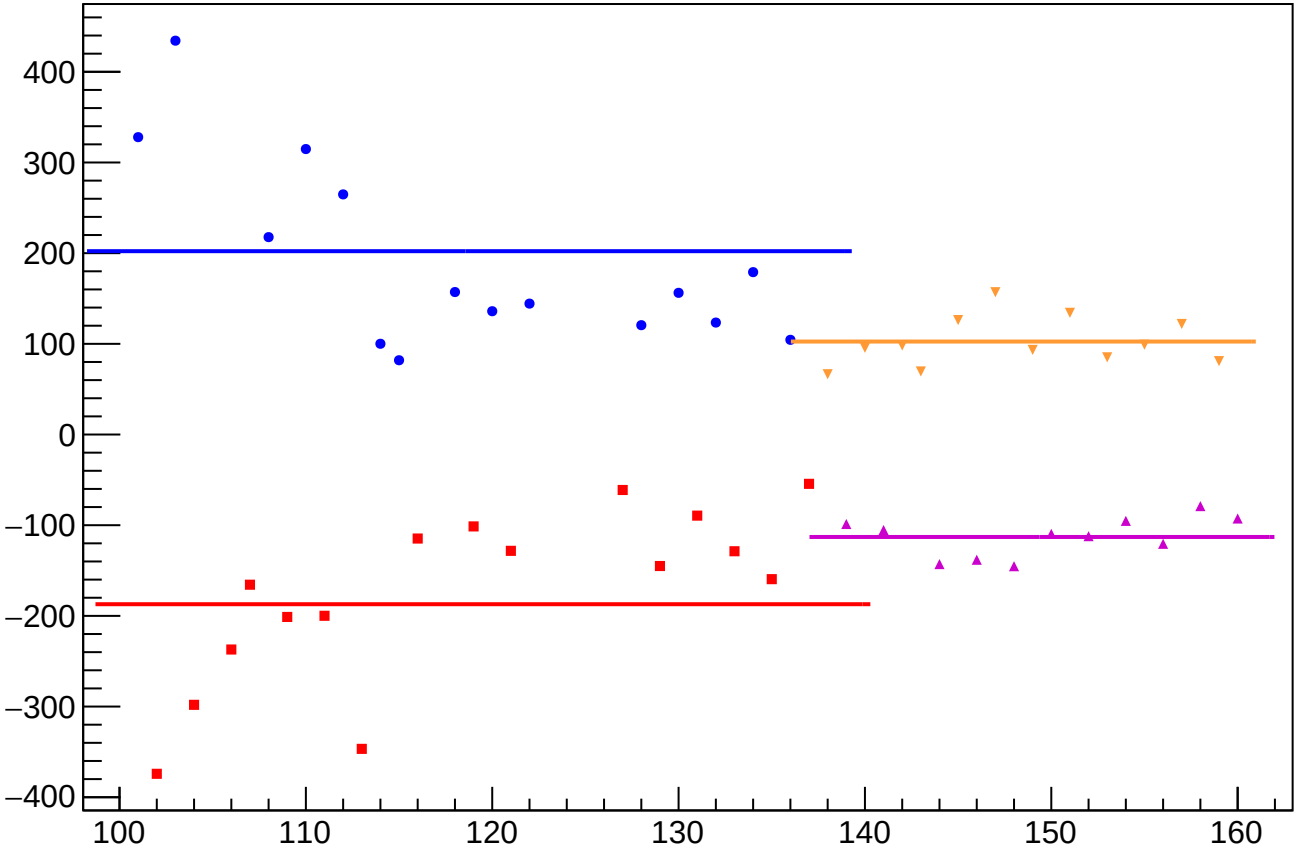
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam1_coil7_mean vs Slug, Sign Corrected



Left: 21.337+/-0.000 χ^2/NDF: 2367845786701889
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -27.745+/-0.000 χ^2/NDF:1240186629377638978240673319387127168.0/11
In: -482.133+/-0.000 χ^2/NDF:1781620225198016
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 538.641+/-0.000 χ^2/NDF:1805860646471756
Left In: 69.887+/-0.000 χ^2/NDF:6896729055106095492675290775544659968.0/10
All: 29.548+/-0.000 χ^2/NDF: 4409076158029

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -5.804+/-0.000 χ^2/NDF: 22375229610691858

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950 6

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

In: 17.055+/-0.000 χ^2/NDF:4529601533384929 0

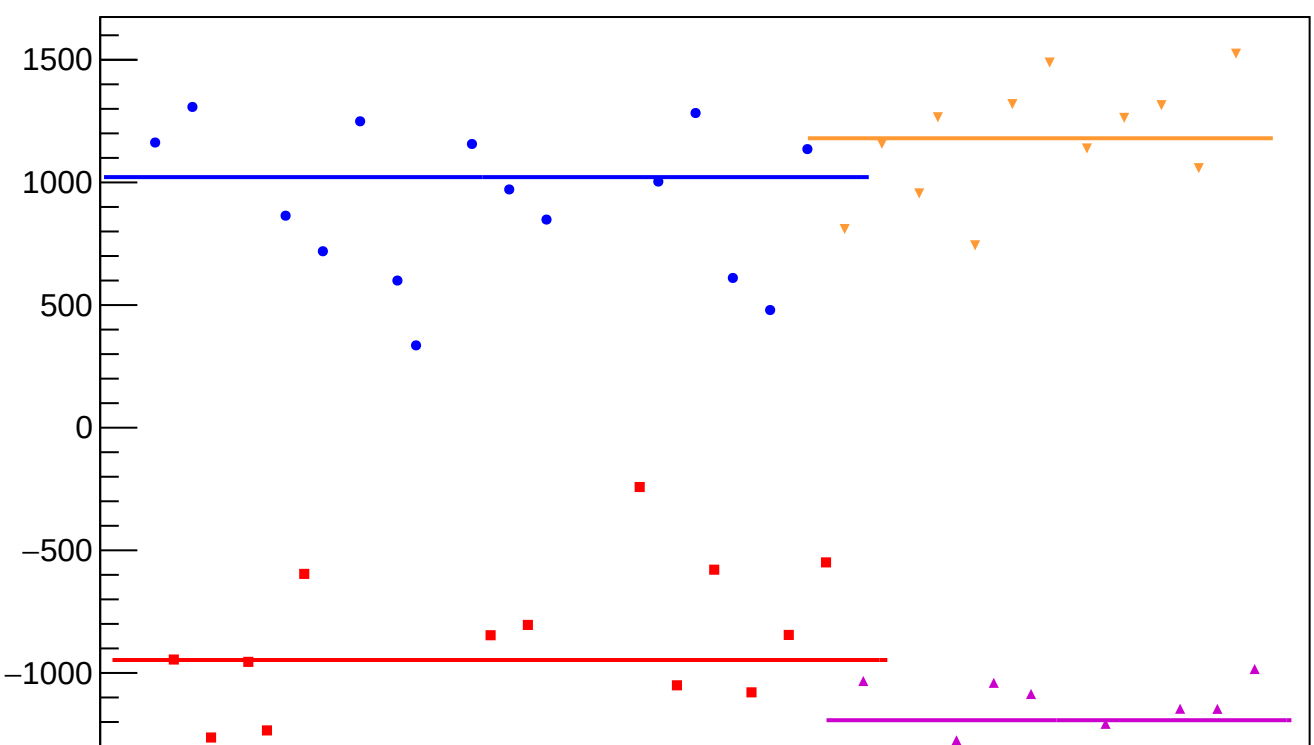
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Out: -19.662+/-0.000 χ^2/NDF:3921793544057525

Left In: -112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

All: -1.350+/-0.000 χ^2/NDF: 8557691672482

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

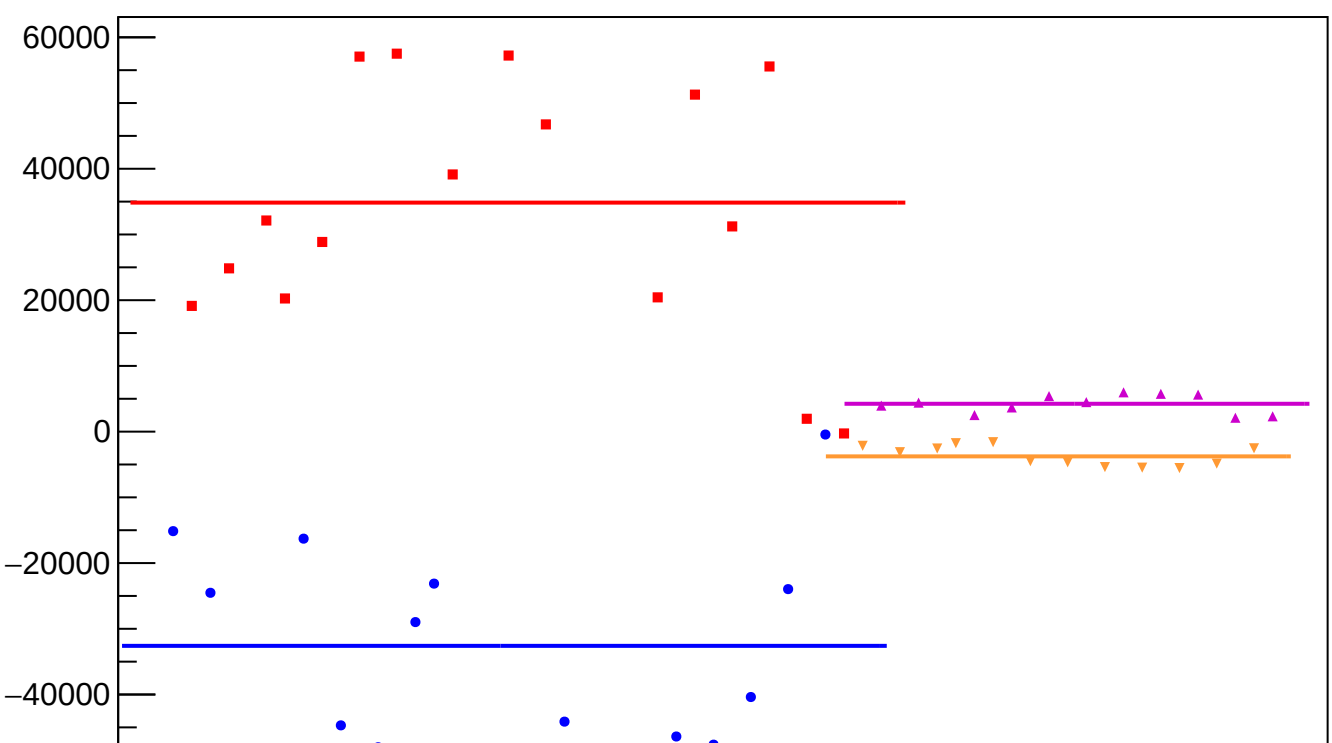
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

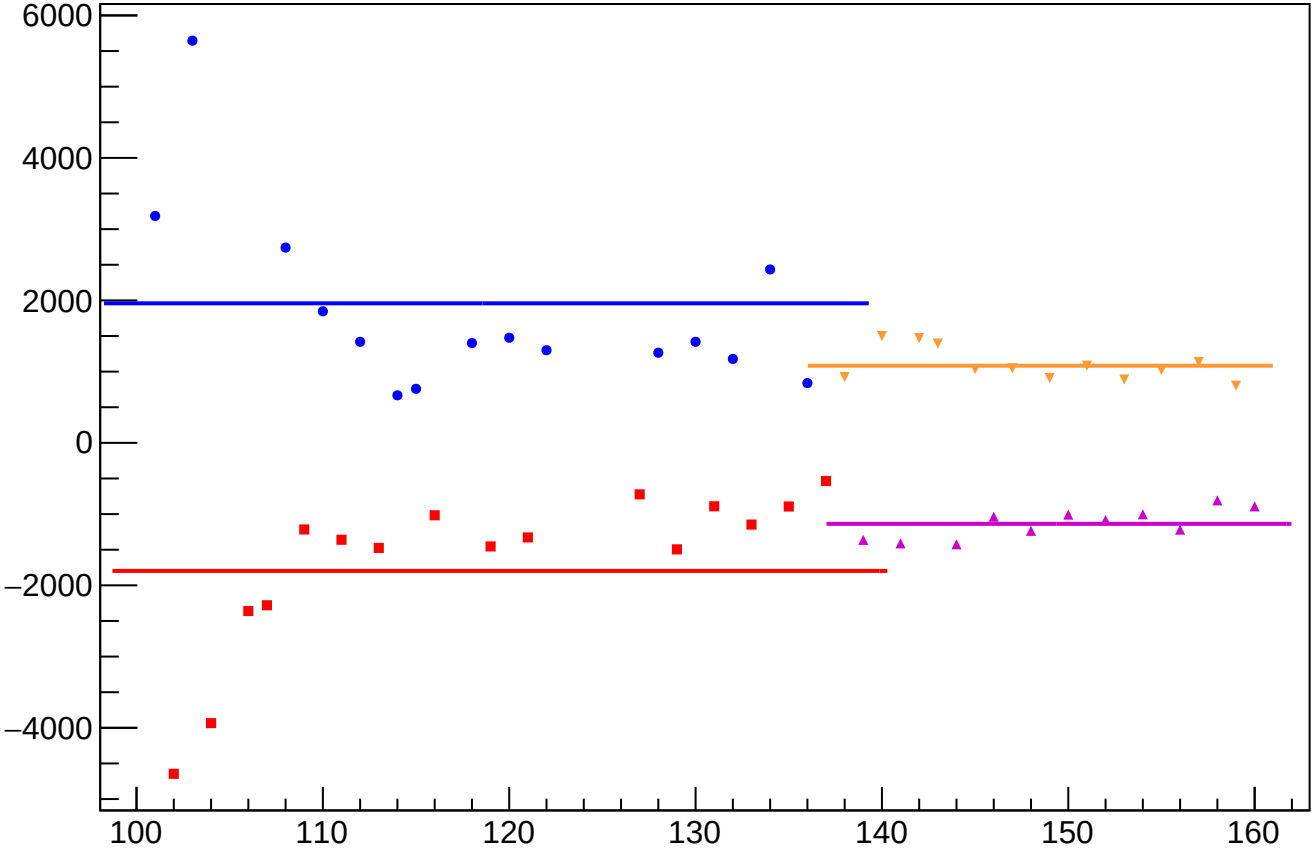
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam2_coil7_mean vs Slug, Sign Corrected



Left: 258.769+/-0.000 χ^2/NDF: 3307838906782510
Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603
Left Out: -3764.764+/-0.000 χ^2/NDF:1969097651481267133720686593450373545984.0/11
In: -10958.371+/-0.000 χ^2/NDF:7280511555908 7
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
Out: 12525.397+/-0.000 χ^2/NDF:7980109281669 6
Left In: 4238.758+/-0.000 χ^2/NDF:1676258877466067471746283067125033598976.0/10
All: 813.296+/-0.000 χ^2/NDF: 19609070541 3

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -33.022+/-0.000 χ^2/NDF: 2342623451337331

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

In: 140.456+/-0.000 χ^2/NDF:4879154621180332

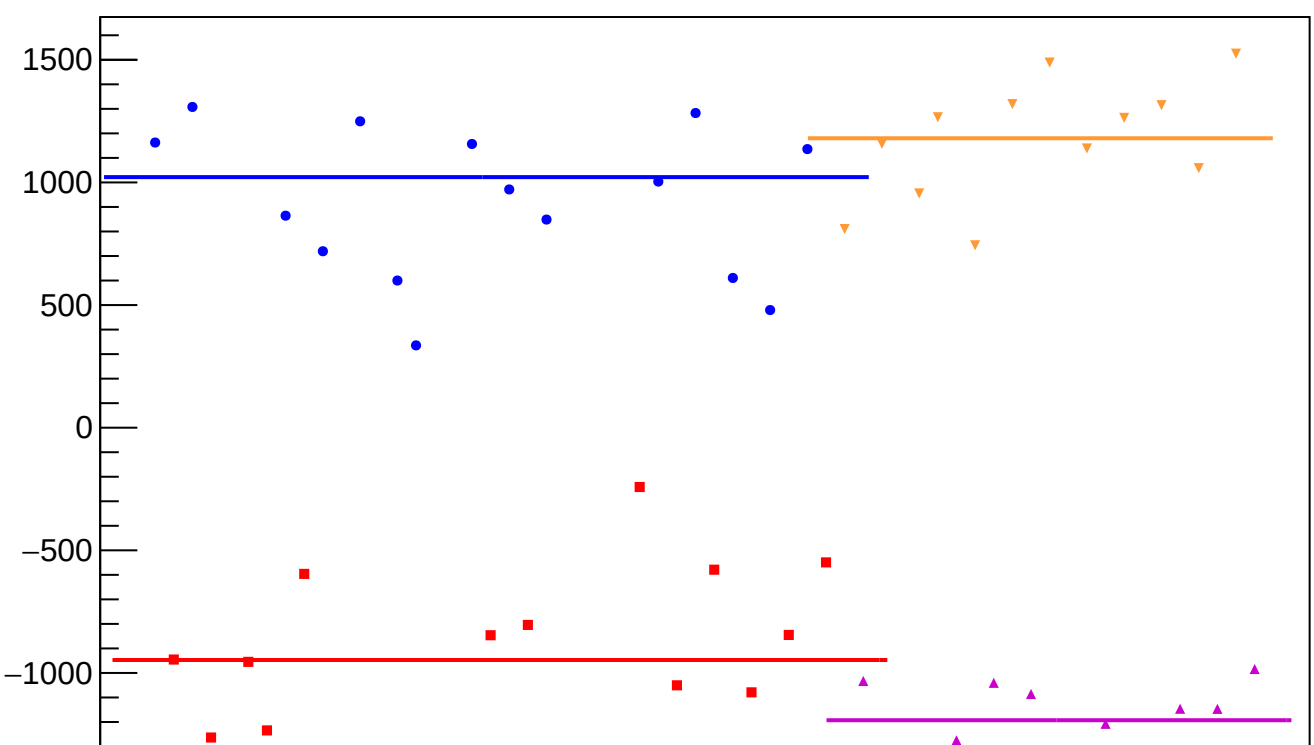
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -132.327+/-0.000 χ^2/NDF:419623322015972

Left In: -1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

All: 3.718+/-0.000 χ^2/NDF: 9134060459030

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

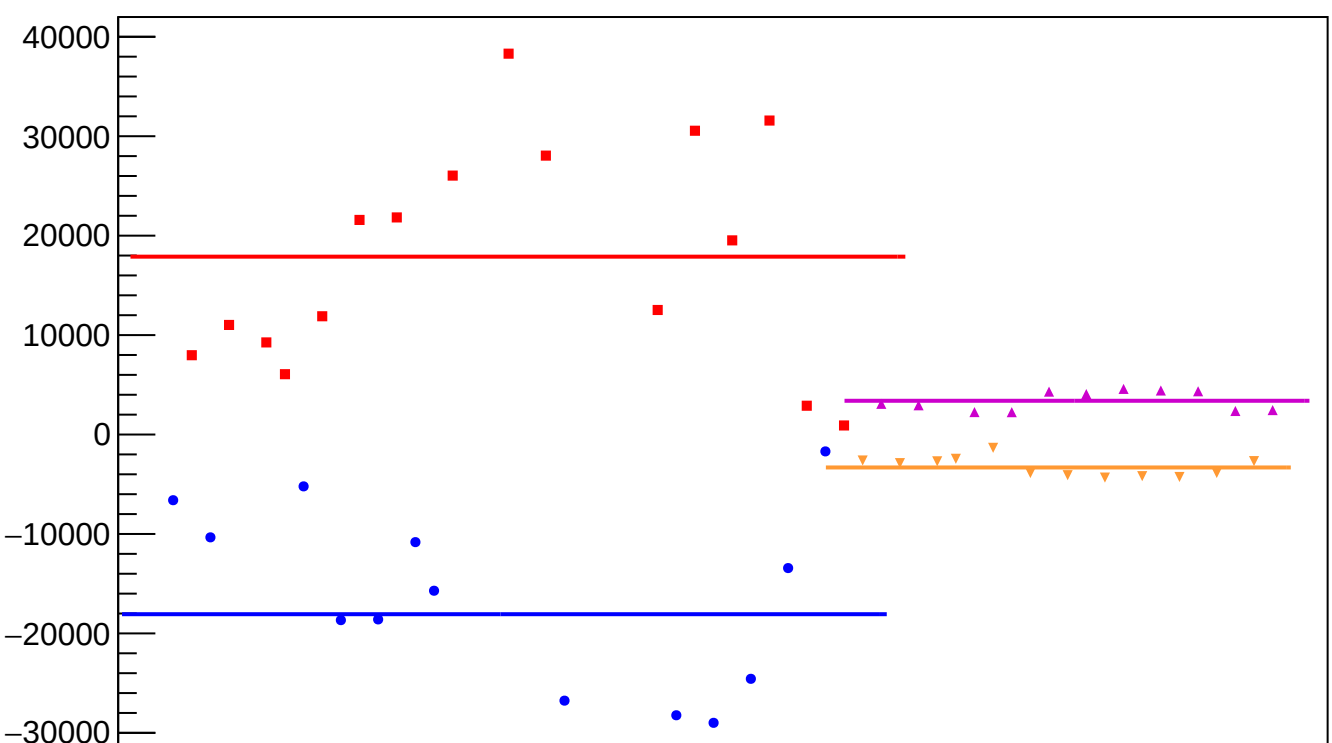
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

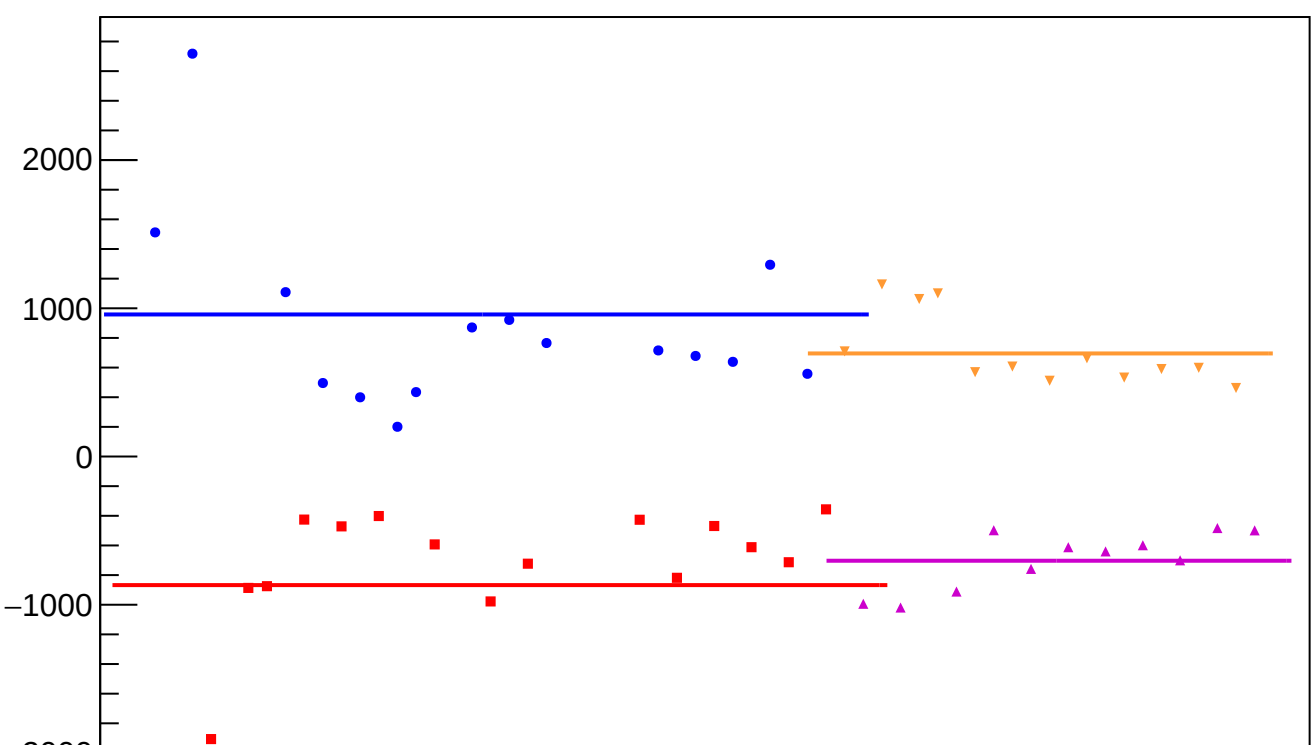
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: 59.413+/-0.000 χ^2/NDF: 2224729910575058
Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
Right: 155.704+/-0.000 χ^2/NDF: 587997392225656
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
In: -5460.979+/-0.000 χ^2/NDF:2607332174711 85
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
Out: 5632.022+/-0.000 χ^2/NDF:2524906041303 67
Left In: 3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10
All: 99.590+/-0.000 χ^2/NDF: 6102518020061

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Left: -7.711+/-0.000 χ^2/NDF: 97874173707649304

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

In: -17.622+/-0.000 χ^2/NDF:13492933316249203

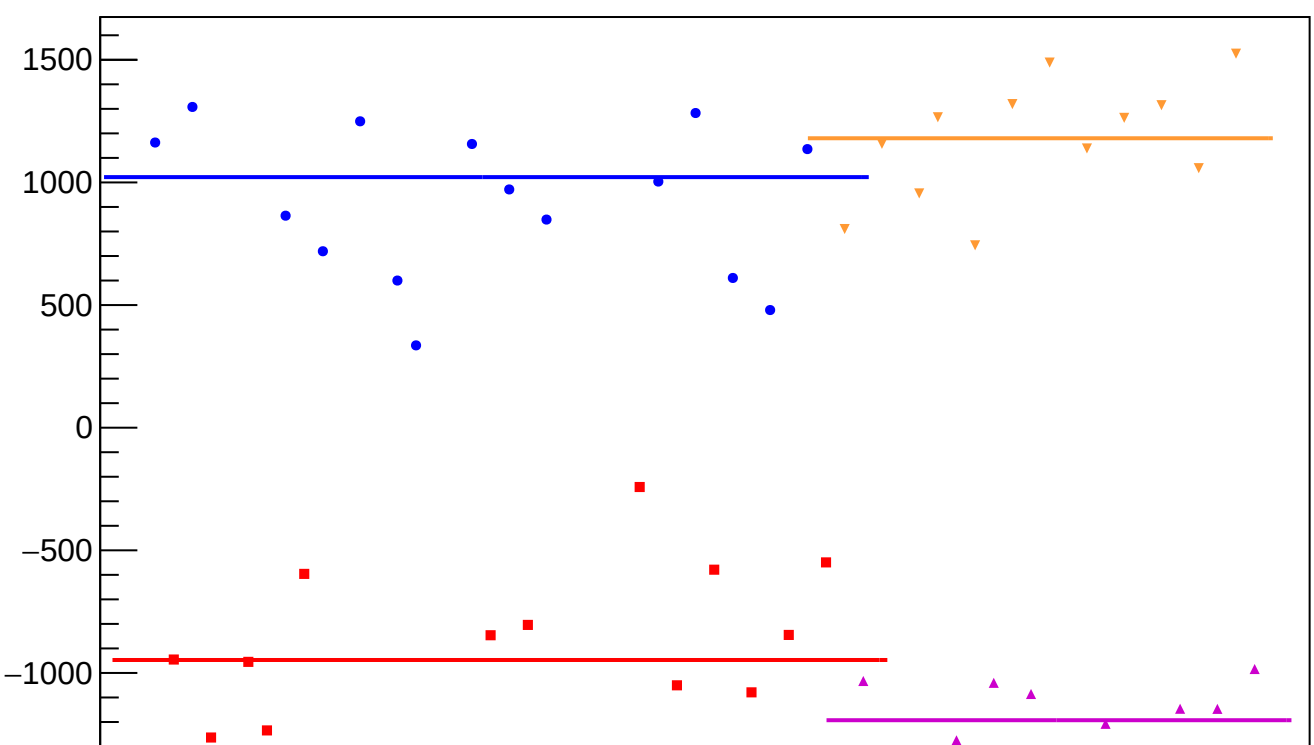
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

Out: 35.995+/-0.000 χ^2/NDF:1206021734950956 6

Left In: -703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

All: 9.254+/-0.000 χ^2/NDF: 2557581834609 8

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

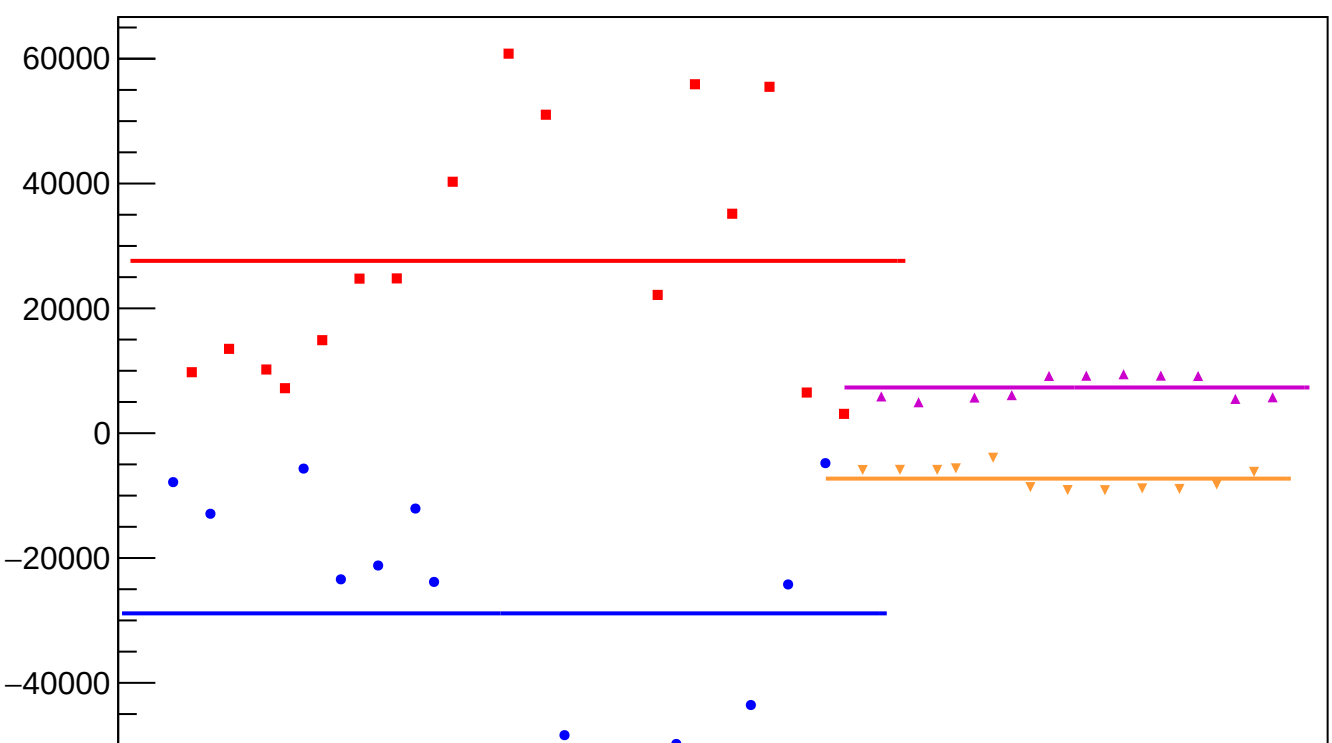
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

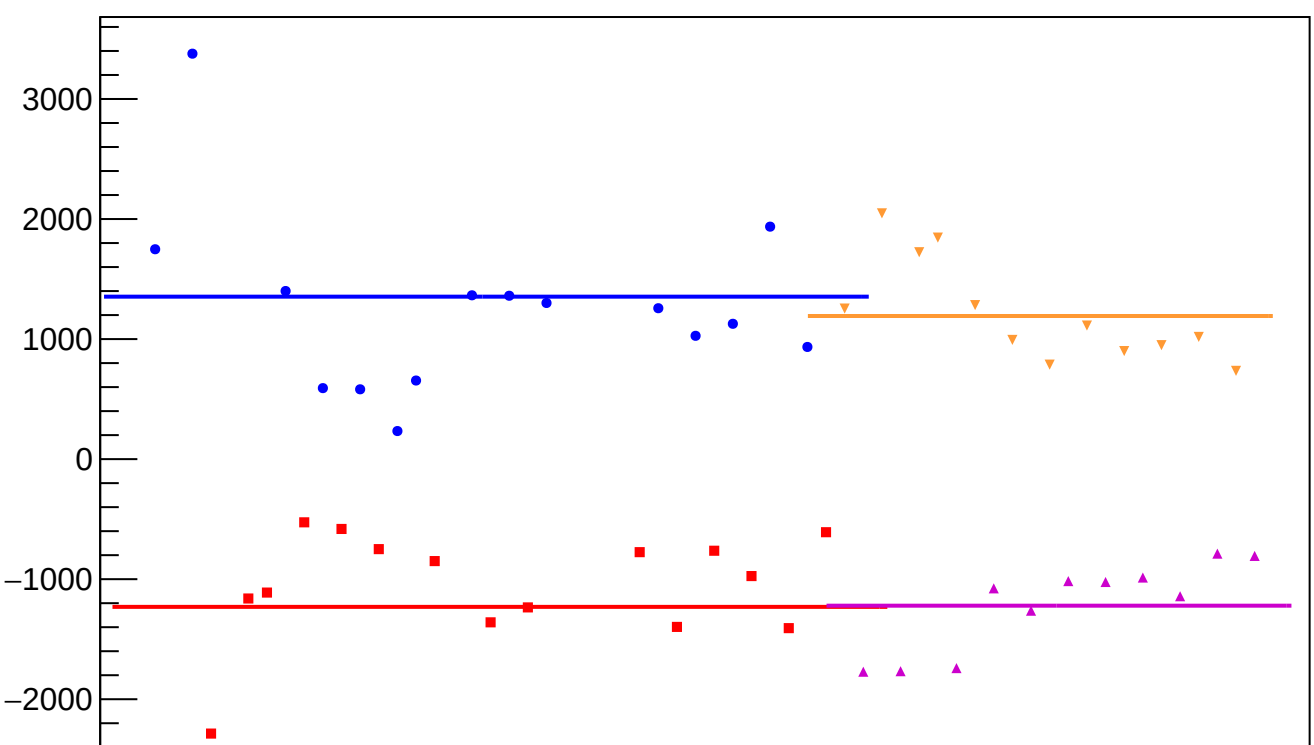
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam4_coil7_mean vs Slug, Sign Corrected



Left: 63.330+/-0.000 χ^2/NDF: 10376898900763943
Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
Right: -242.630+/-0.000 χ^2/NDF: 15588395560755
Left Out: -7277.886+/-0.000 χ^2/NDF:273886730591809806831738823923410455756 8.0/11
In: -7607.978+/-0.000 χ^2/NDF:763903396757370
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
Out: 7441.143+/-0.000 χ^2/NDF:720201732002610
Left In: 7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10
All: -64.332+/-0.000 χ^2/NDF: 166268033579

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: -20.807+/-0.000 χ^2/NDF: 2942660248465198

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

In: -158.689+/-0.000 χ^2/NDF:2995360939272763

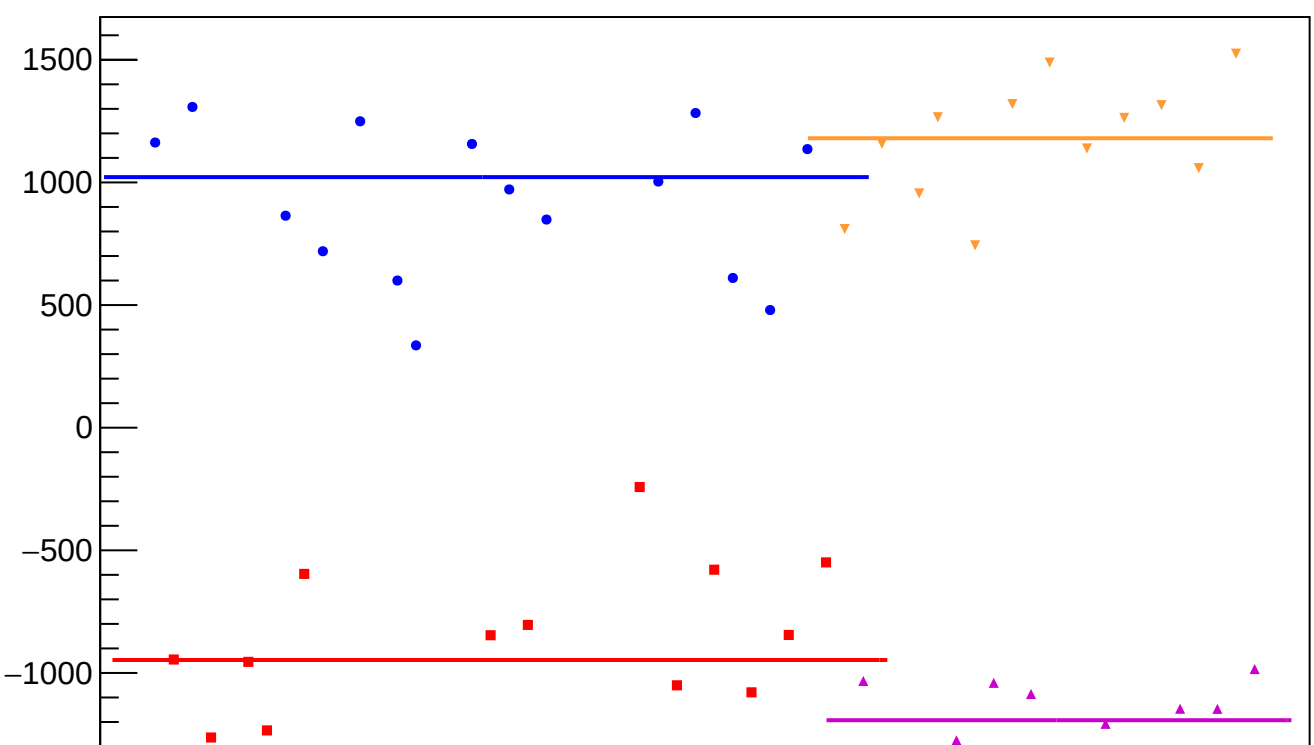
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: 170.087+/-0.000 χ^2/NDF:2691556918692435

Left In: -1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

All: 6.116+/-0.000 χ^2/NDF: 5772148977032 9

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

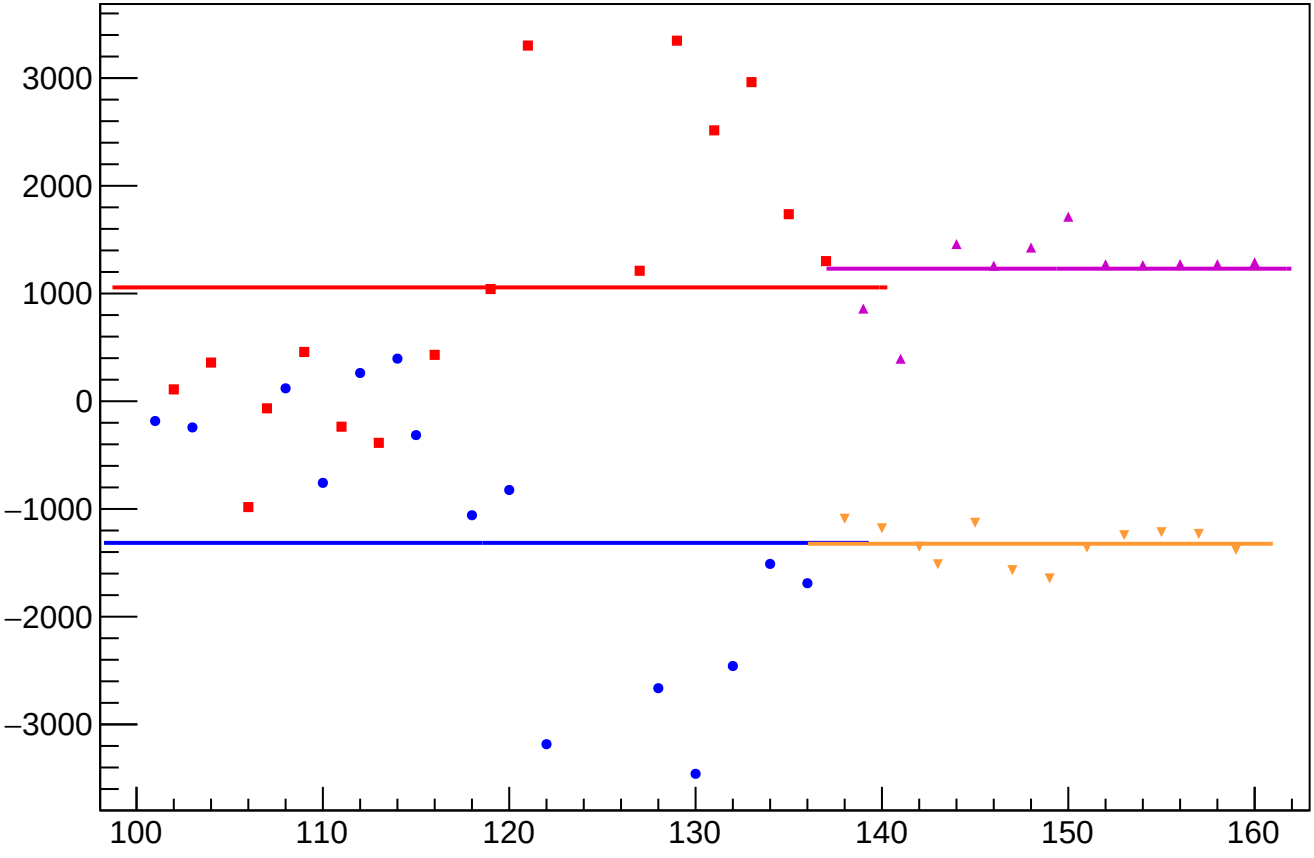
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

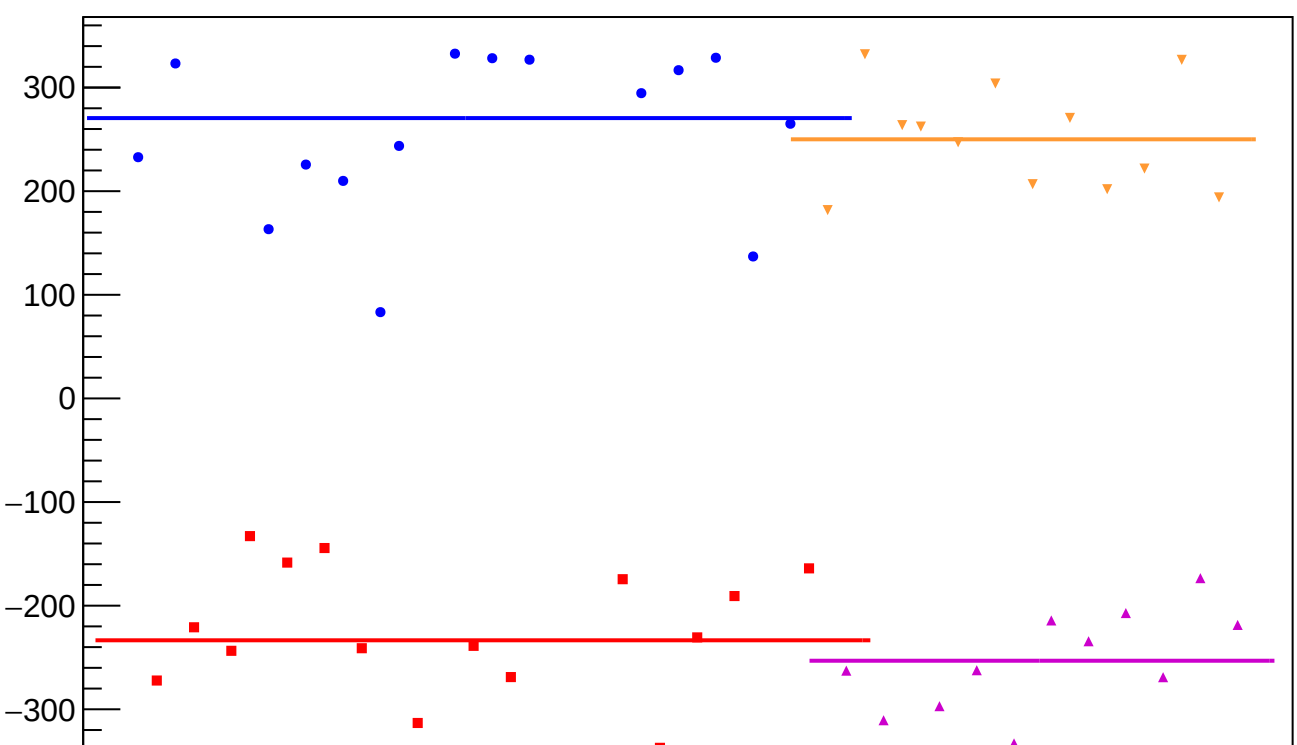
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -39.410+/-0.000 χ^2/NDF: 3123799611158754
Right In: -1314.782+/-0.000 χ^2/NDF: 9660823685182034815440216444056455086 08.0/14
Right: -112.789+/-0.000 χ^2/NDF: 39432514405702
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
In: 180.308+/-0.000 χ^2/NDF:3536166076329478 5
Right Out: 1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15
Out: -319.095+/-0.000 χ^2/NDF:333836126374439
Left In: 1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205053 44.0/10
All: -70.027+/-0.000 χ^2/NDF: 707118050555

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: -2.914+/-0.000 χ^2/NDF: 12065657526575144

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 250.055+/-0.000 χ^2/NDF:2329396041694824766683600755668025344.0/11

In: -37.080+/-0.000 χ^2/NDF:10900445186758413

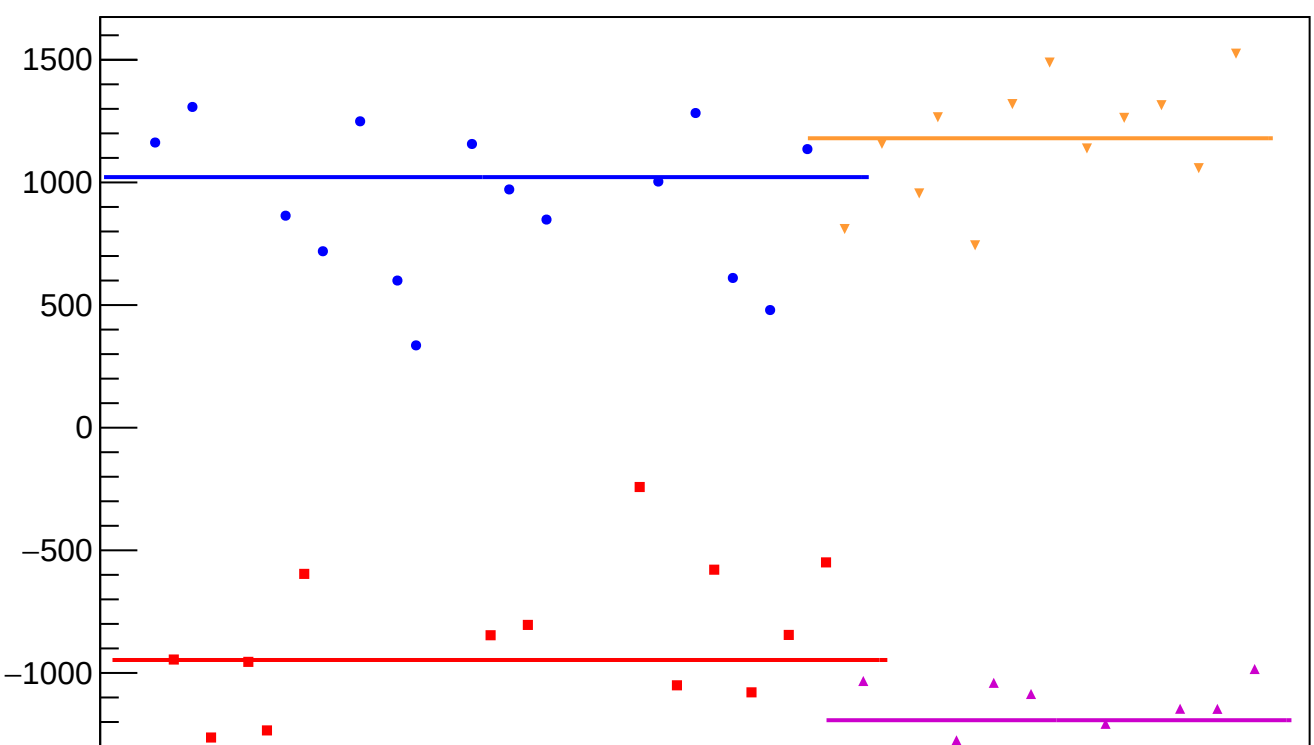
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 46.084+/-0.000 χ^2/NDF:9551225449196464 5

Left In: -253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

All: 4.607+/-0.000 χ^2/NDF: 20997016075743

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

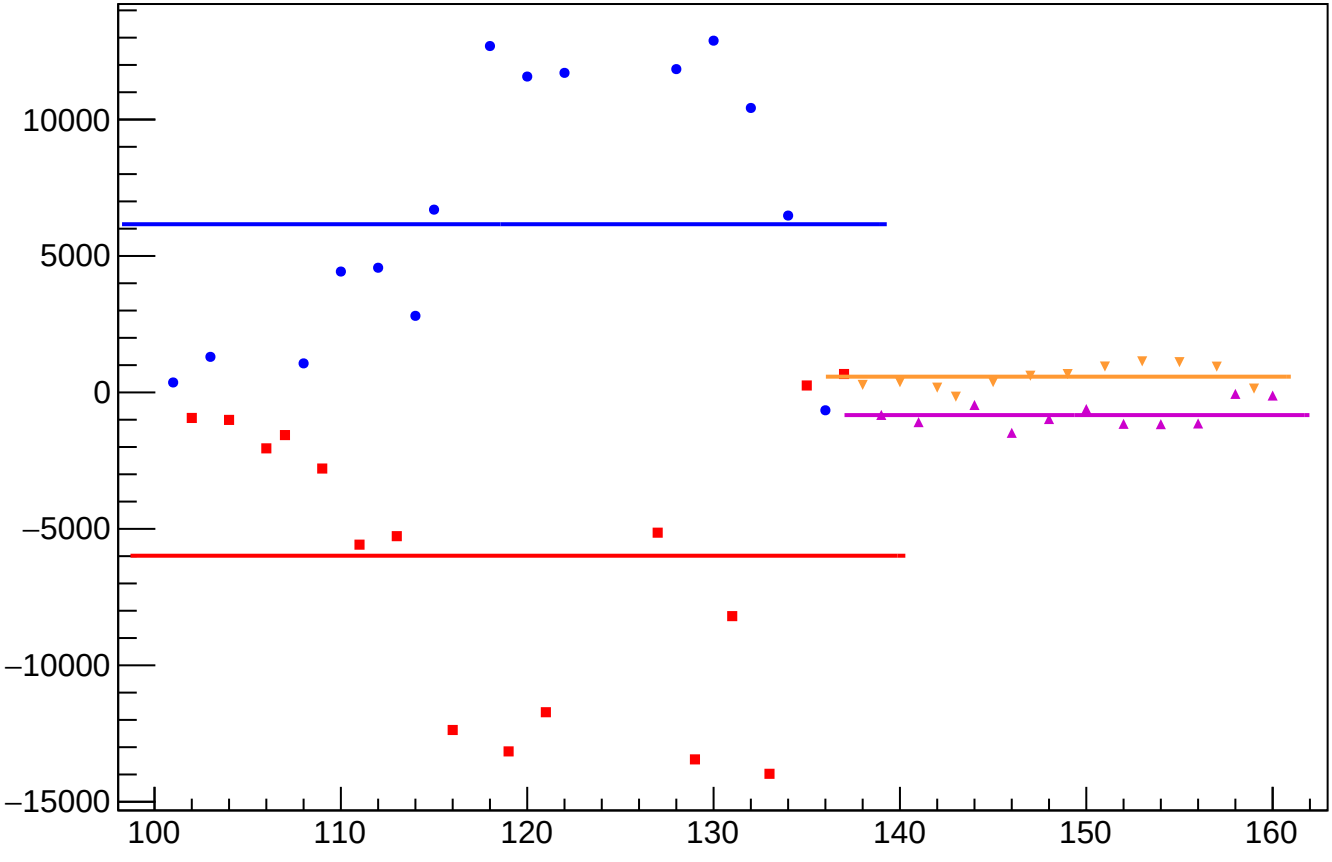
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -130.481+/-0.000 χ^2/NDF: 122705160360500

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

In: 2055.062+/-0.000 χ^2/NDF:370214304856749 4

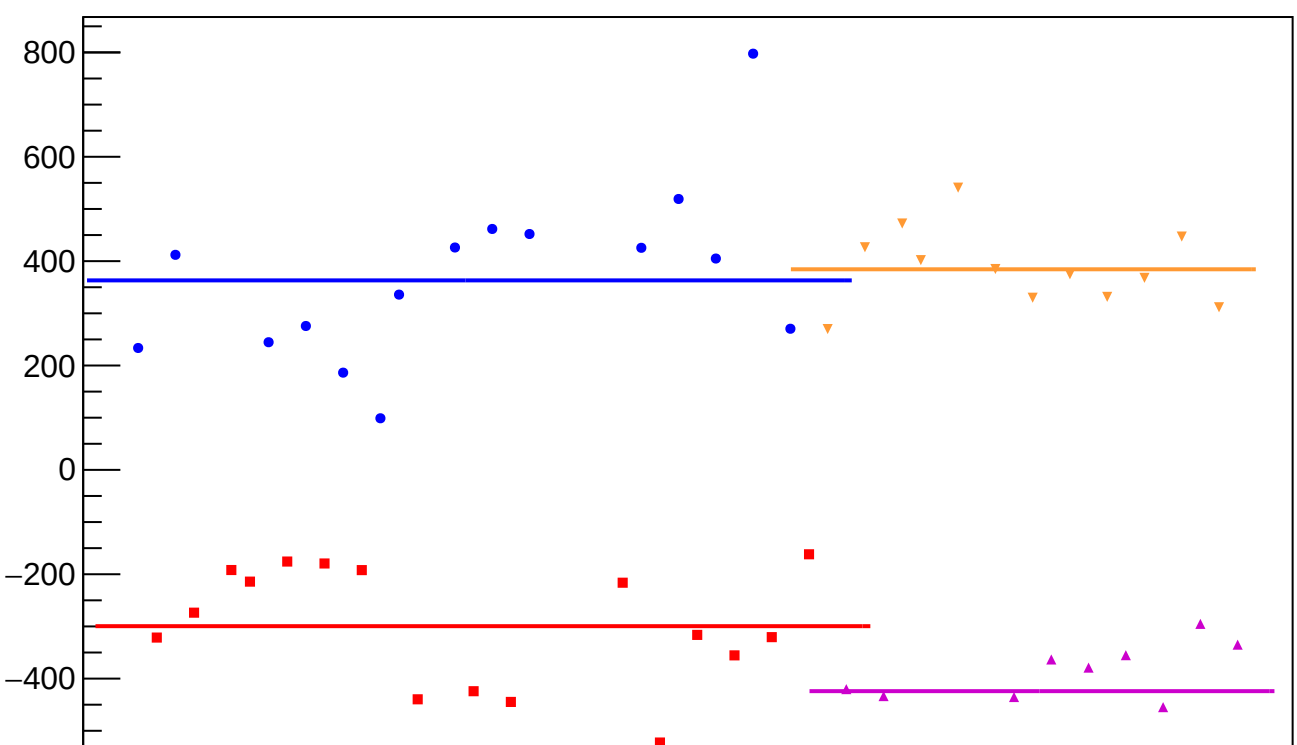
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2190.770+/-0.000 χ^2/NDF:34248915694866

Left In: -830.587+/-0.000 χ^2/NDF:17233709240372627319735602061512802 3040.0/10

All: -73.239+/-0.000 χ^2/NDF: 854846167938

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -22.018+/-0.000 χ^2/NDF: 3128182165483401

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

In: -99.259+/-0.000 χ^2/NDF:25553843980228518

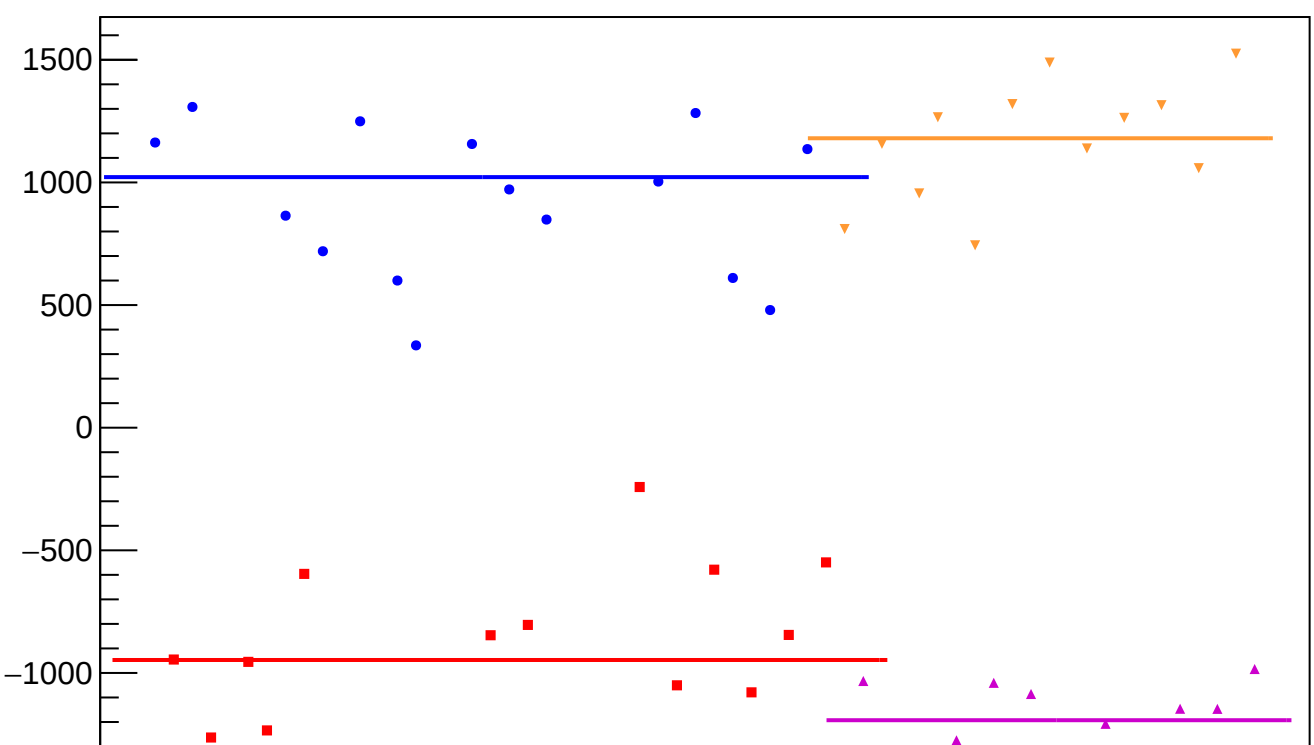
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 95.865+/-0.000 χ^2/NDF:1927486409807693 5

Left In: -424.034+/-0.000 χ^2/NDF:7812894231718086106241094868881375232.0/10

All: -1.449+/-0.000 χ^2/NDF: 4783076167376

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:192909078825431 9

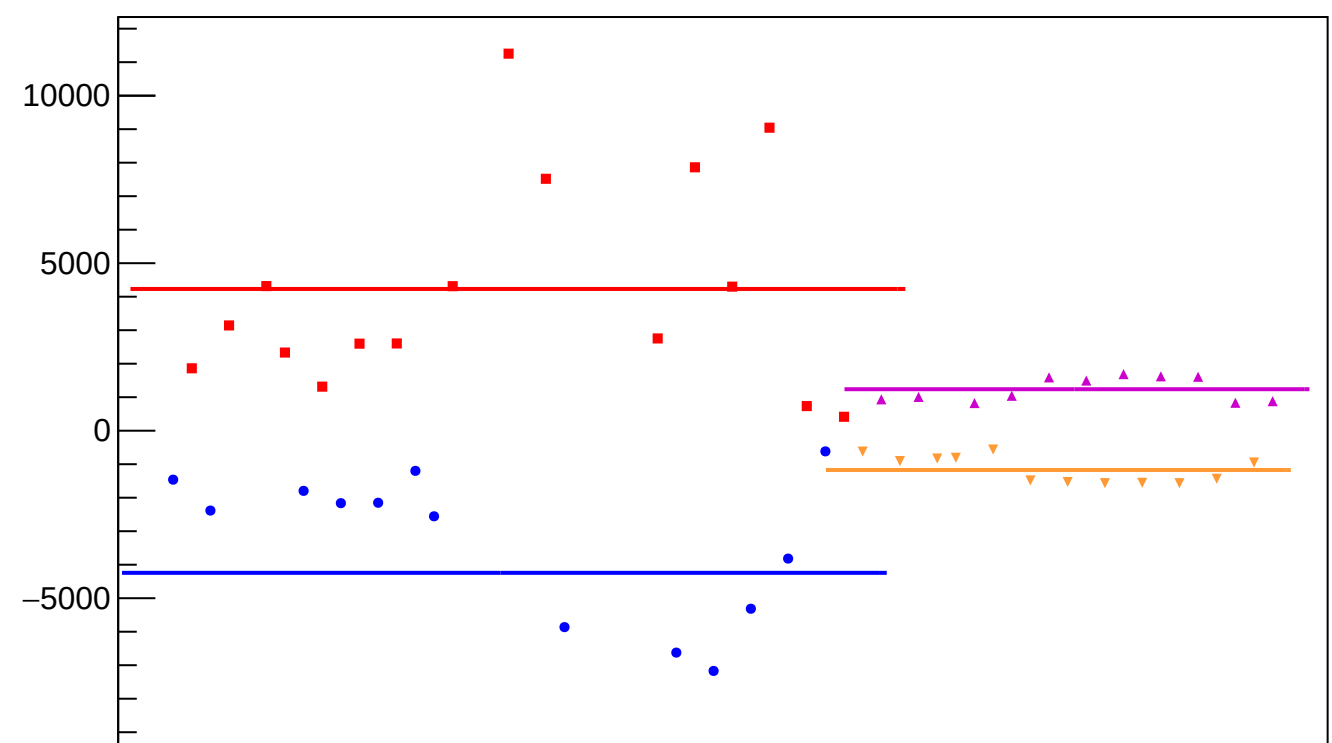
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam7_coil7_mean vs Slug, Sign Corrected



Left: 40.054+/-0.000 χ^2/NDF: 2918723631424919

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11

In: -1022.595+/-0.000 χ^2/NDF:183472960455815

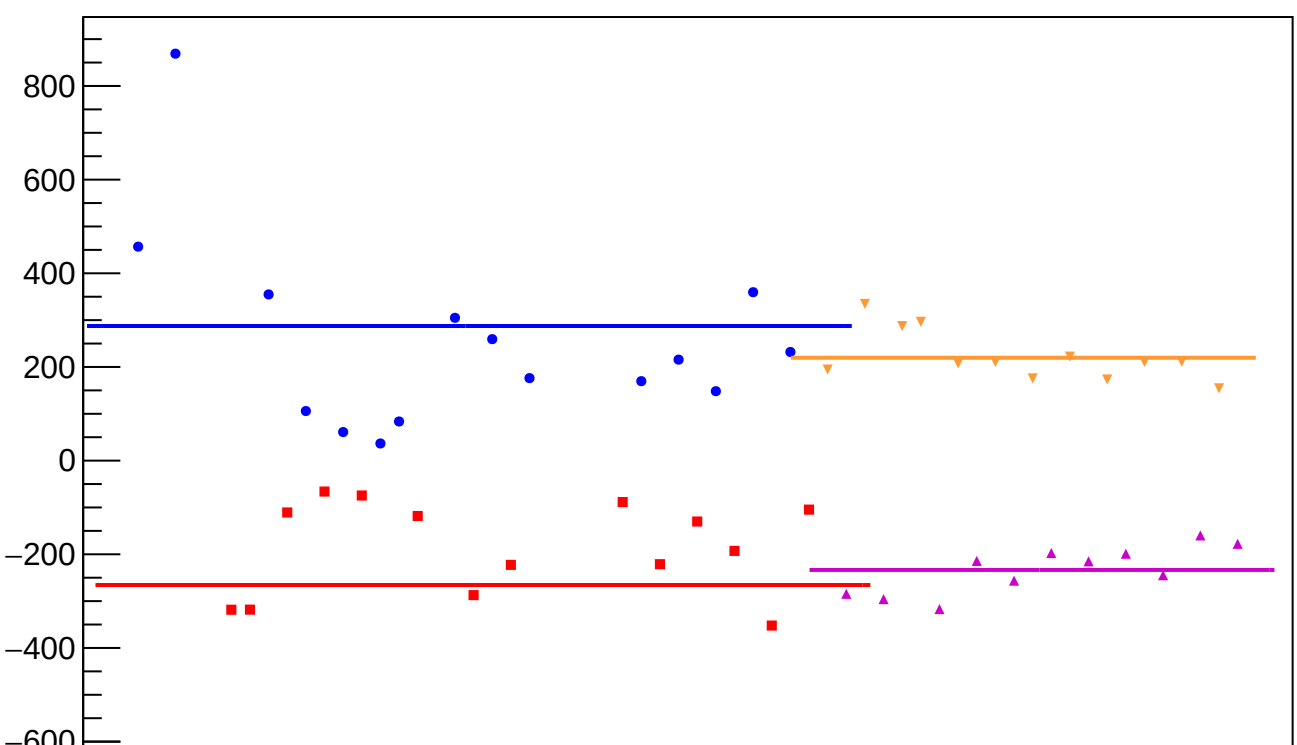
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1107.560+/-0.000 χ^2/NDF:180754931945864

Left In: 1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

All: 45.184+/-0.000 χ^2/NDF: 4000063219777

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -8.095+/-0.000 χ^2/NDF: 98946310660581678

Right In: 287.460+/-0.000 χ^2/NDF: 2951704414482615593661915158136697651 2.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 219.672+/-0.000 χ^2/NDF:2455507522676926762328692419180101632.0/11

In: -18.498+/-0.000 χ^2/NDF:13511313369967268

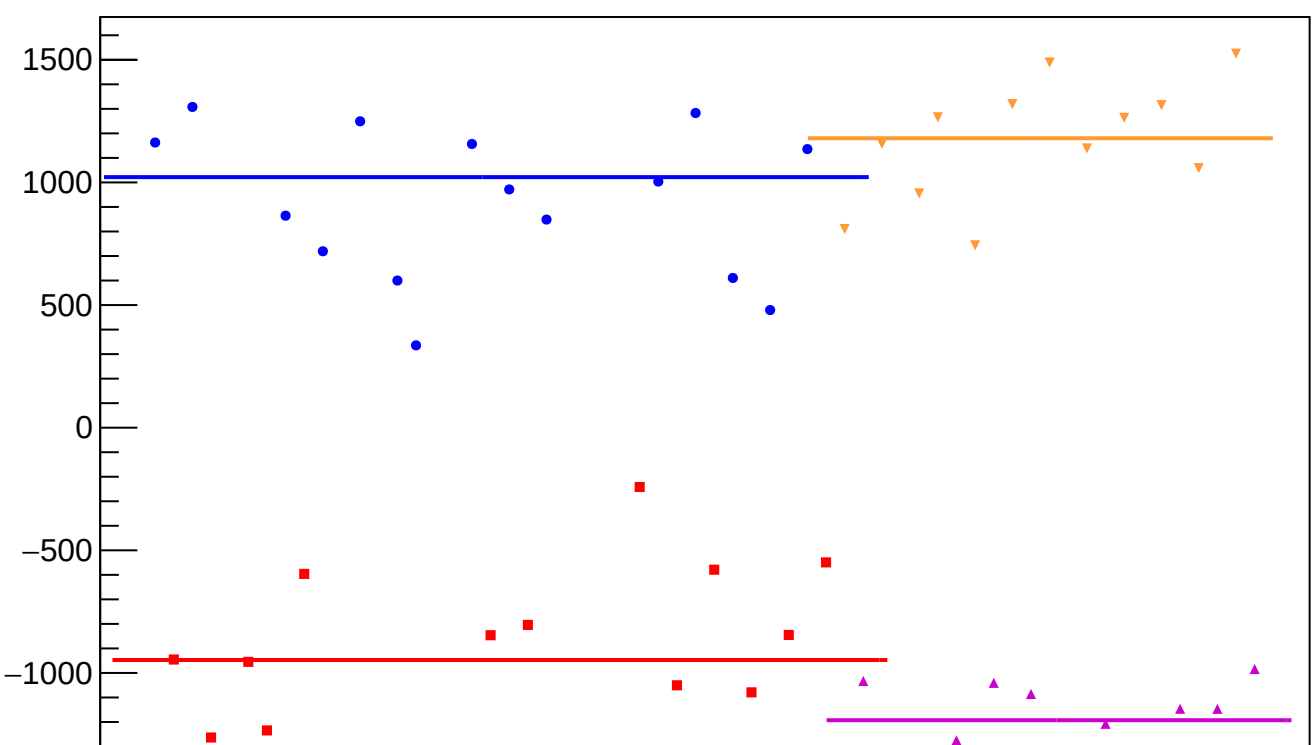
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: 14.946+/-0.000 χ^2/NDF:11910121360268258

Left In: -233.397+/-0.000 χ^2/NDF:2171341737989359237753599766499950592.0/10

All: -1.734+/-0.000 χ^2/NDF: 2550962914121

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

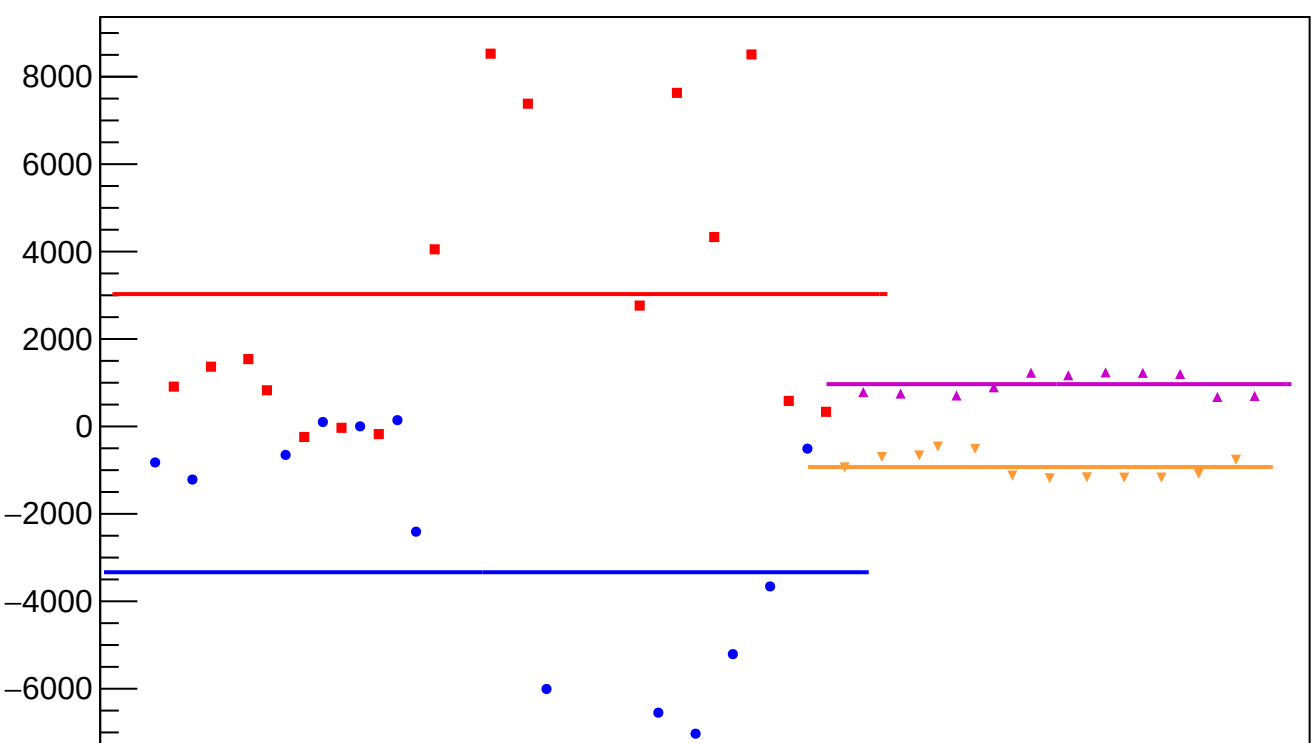
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

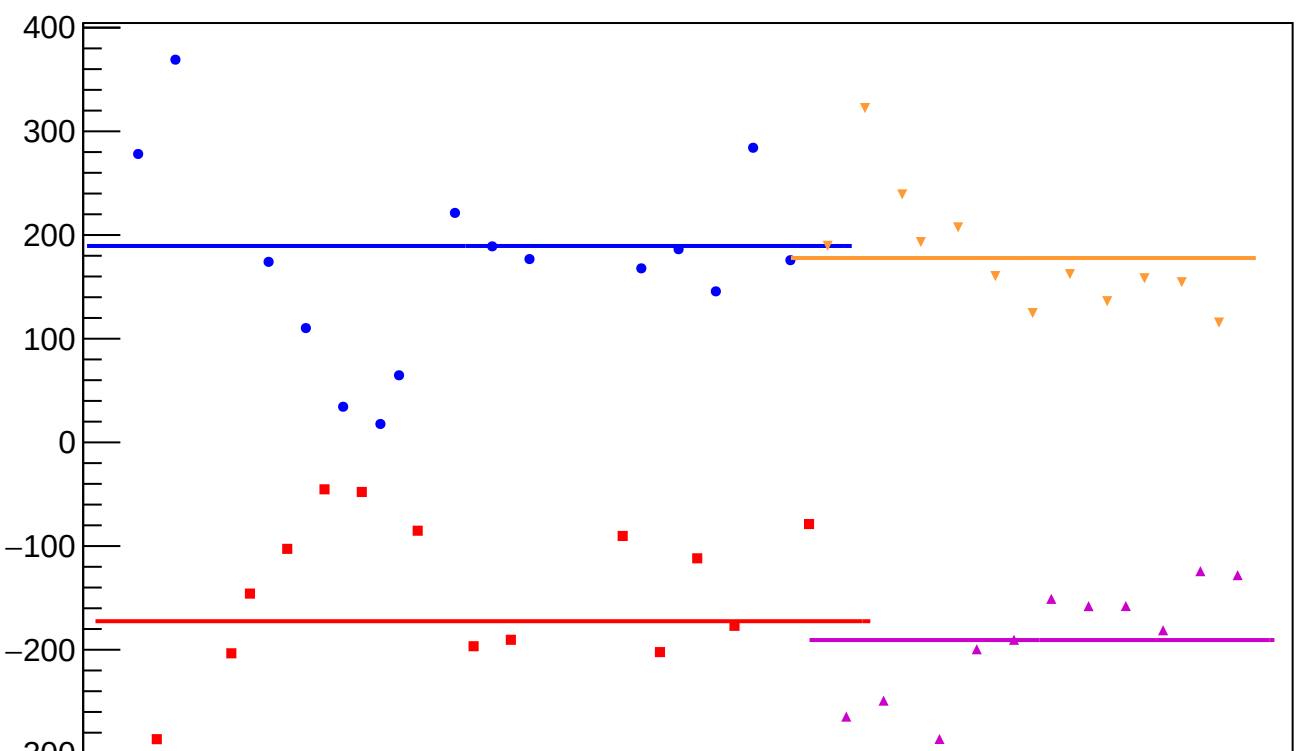
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam8_coil7_mean vs Slug, Sign Corrected



Left: 24.512+/-0.000 χ^2/NDF: 17662313982822156
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
In: -807.730+/-0.000 χ^2/NDF:1344782221758095
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 740.311+/-0.000 χ^2/NDF:1318448638352381
Left In: 967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10
All: -31.746+/-0.000 χ^2/NDF: 285218808380

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -7.418+/-0.000 χ^2/NDF: 67707857548229784

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

In: -33.824+/-0.000 χ^2/NDF:62316992098402396

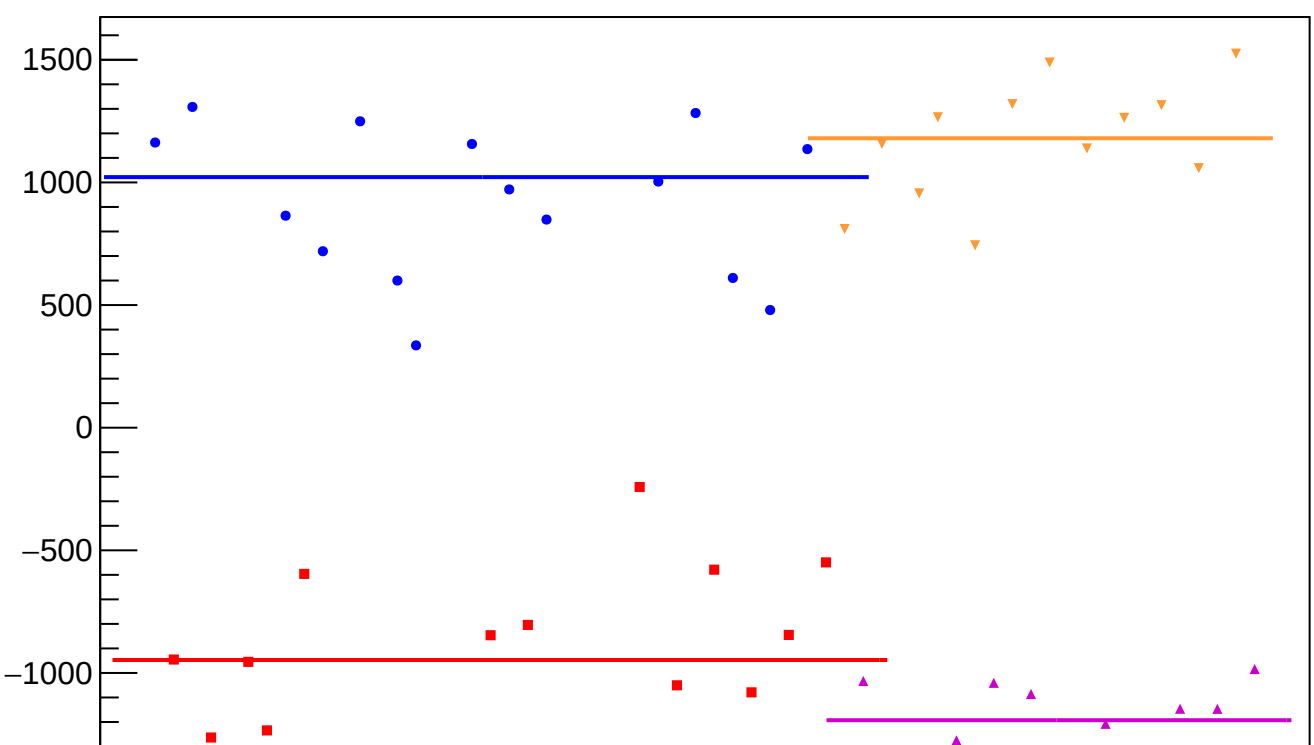
Right Out: -172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

Out: 30.026+/-0.000 χ^2/NDF:5570432113857539 0

Left In: -190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

All: -1.818+/-0.000 χ^2/NDF: 1212358862395

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

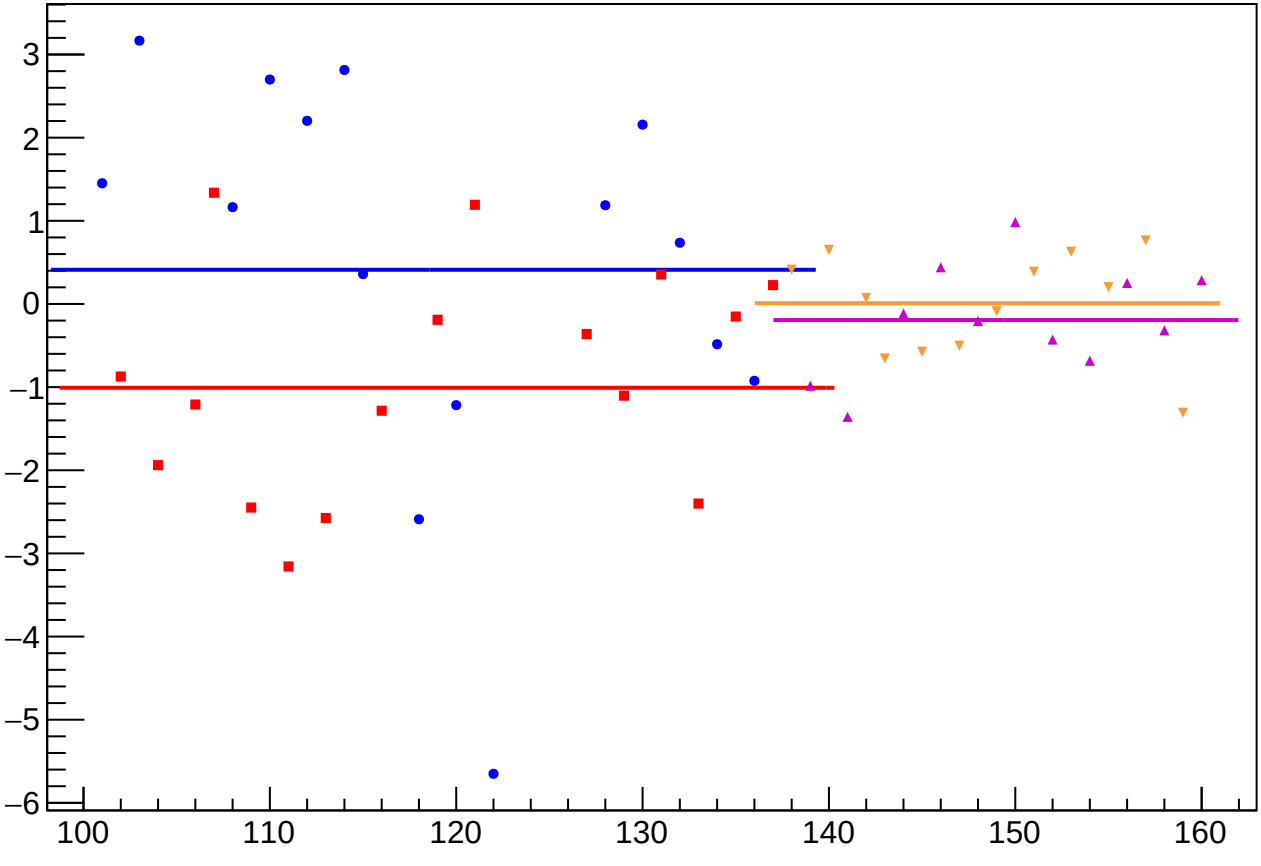
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aX_coil4_mean vs Slug, Sign Corrected



Left: -0.092+/-0.000 χ^2/NDF: 75962986262153938

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

In: 0.056+/-0.000 χ^2/NDF:391102792111074774 0

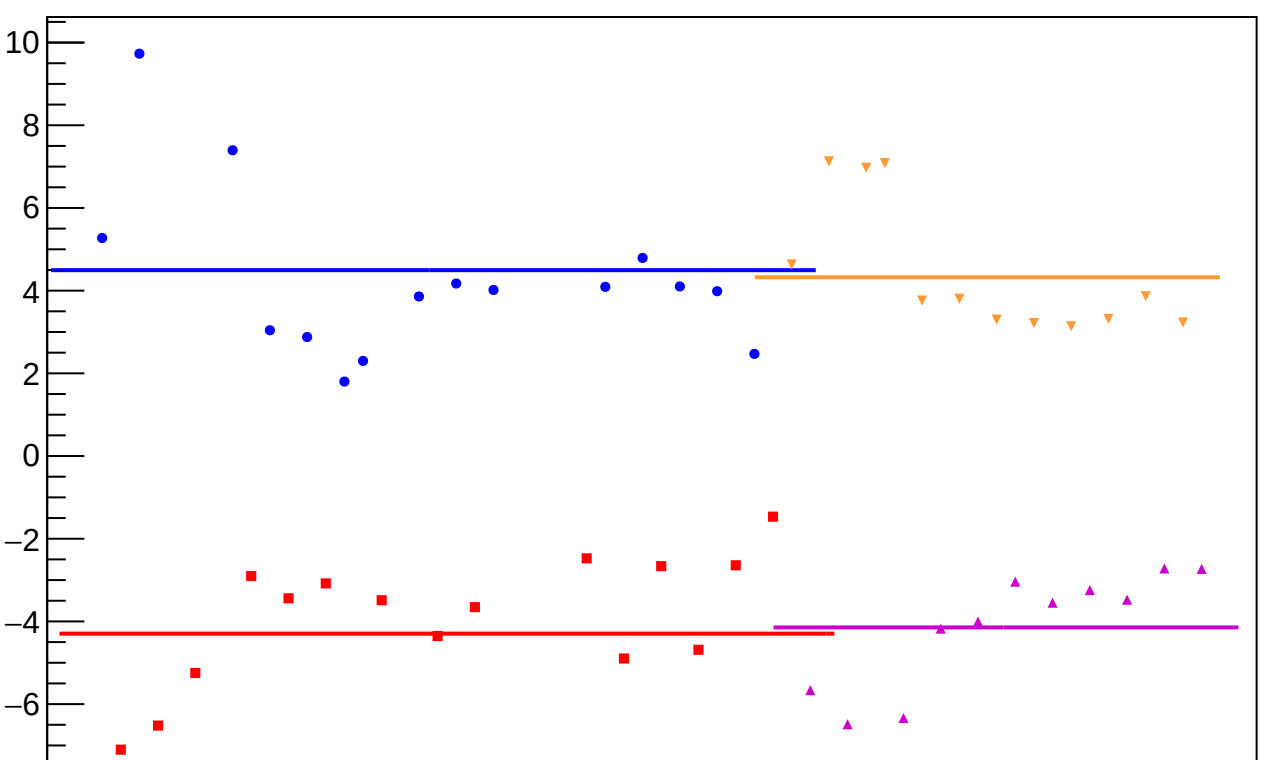
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.420+/-0.000 χ^2/NDF:1882127563967702 6

Left In: -0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

All: -0.182+/-0.000 χ^2/NDF: 5971597389441

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.066+/-0.000 χ^2/NDF: 366281962464816002

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

Left Out: 4.324+/-0.000 χ^2/NDF:20255349693889500584071091191808 00.0/11

In: -0.580+/-0.000 χ^2/NDF:32849833269086898 0

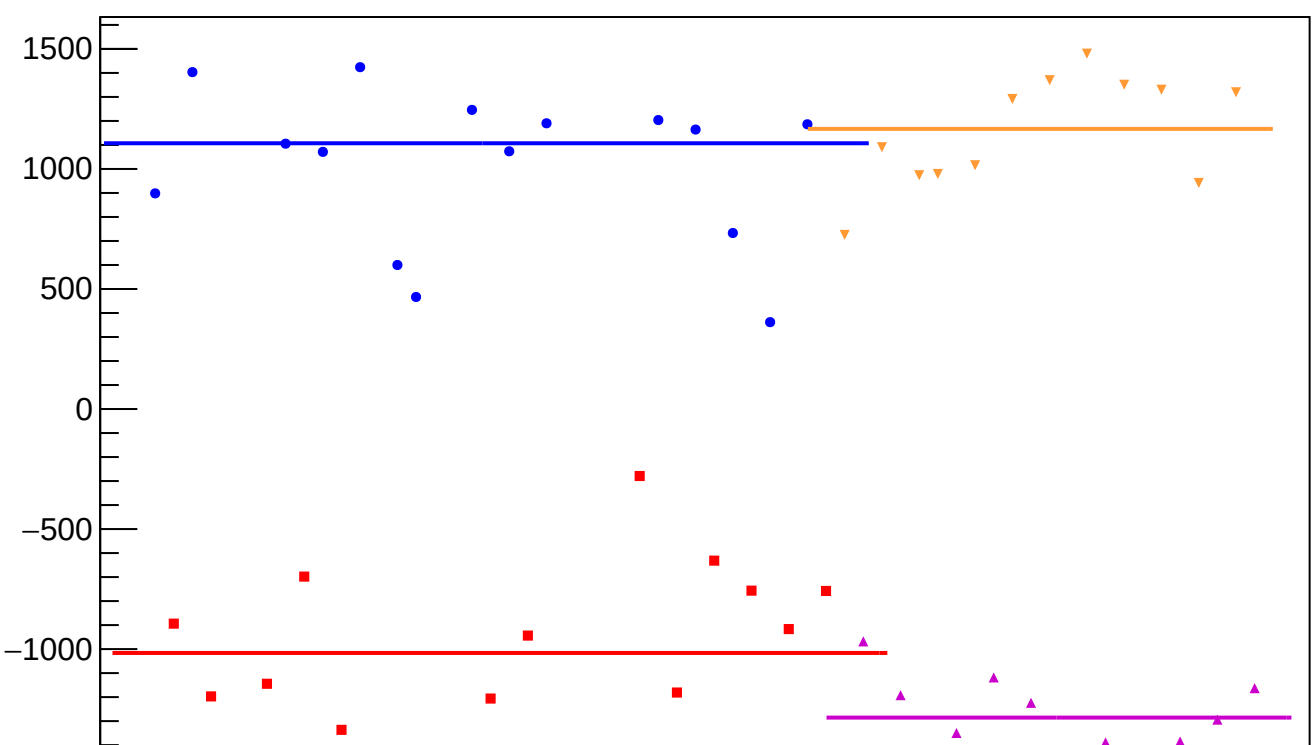
Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15

Out: 0.687+/-0.000 χ^2/NDF:32685168492673519 3

Left In: -4.145+/-0.000 χ^2/NDF:16459426043033496085718498279424 00.0/10

All: 0.055+/-0.000 χ^2/NDF: 6680227054433 8

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

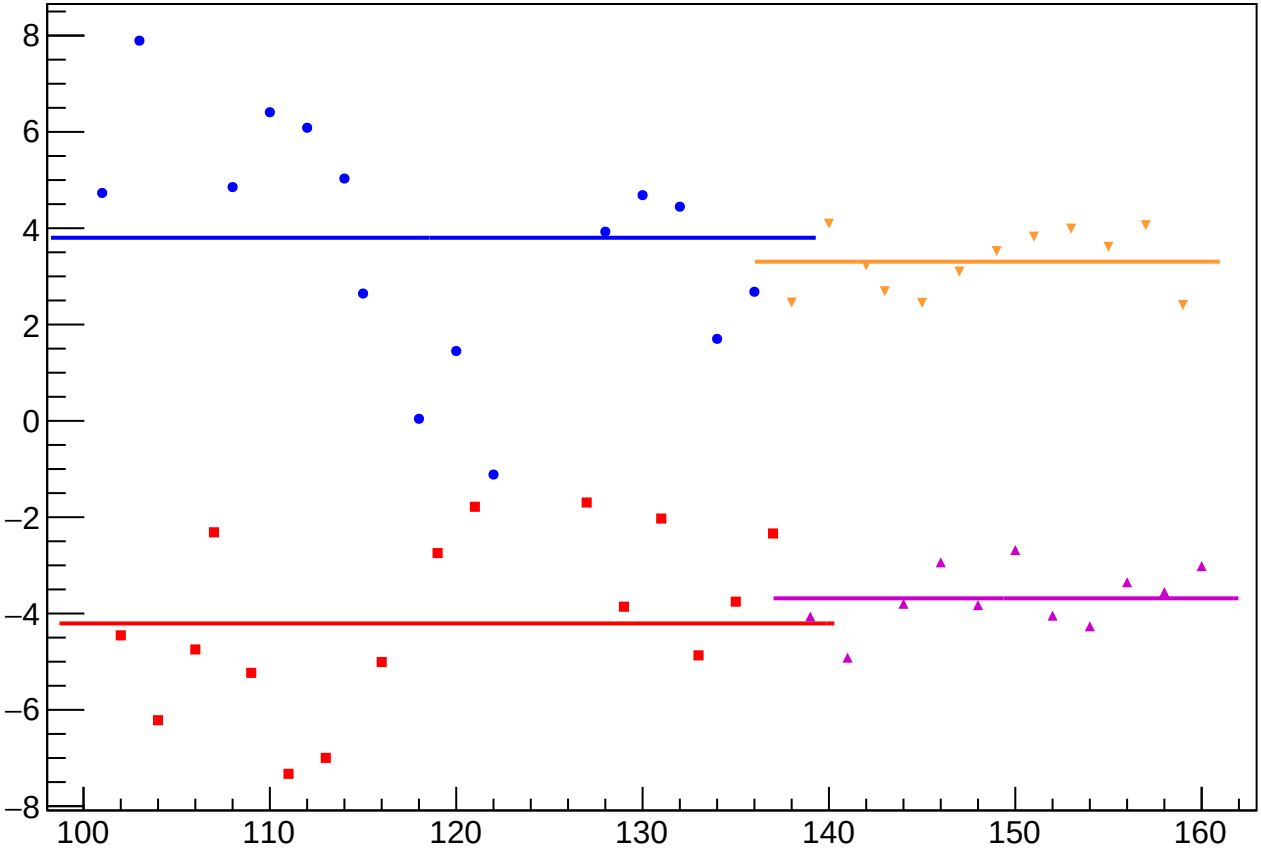
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.208+/-0.000 χ^2/NDF: 23190007997846699

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

In: -0.595+/-0.000 χ^2/NDF:255266688887747072

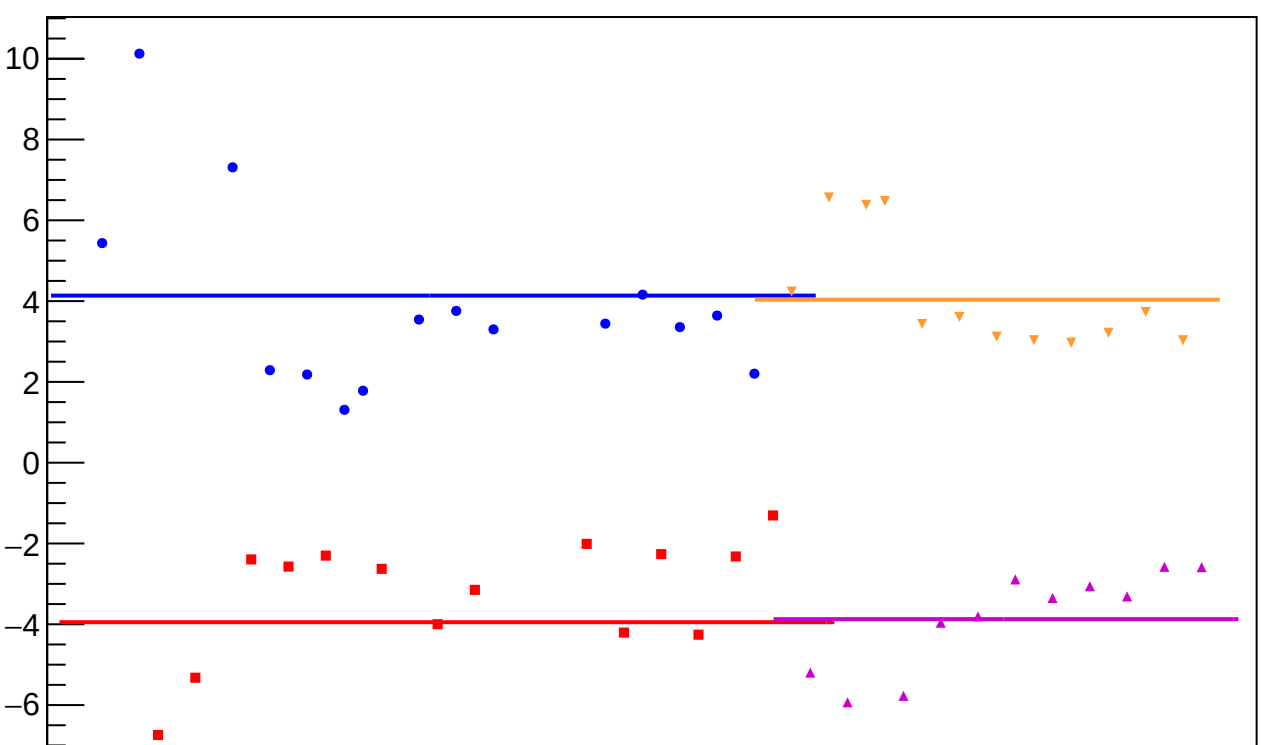
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.137+/-0.000 χ^2/NDF:24226870849335382 7

Left In: -3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

All: -0.229+/-0.000 χ^2/NDF: 5017617766780

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.060+/-0.000 χ^2/NDF: 316216539127816530

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251

Left Out: 4.035+/-0.000 χ^2/NDF:1609299061352578548486150138363904.0/11

In: -0.568+/-0.000 χ^2/NDF:292407298934601756

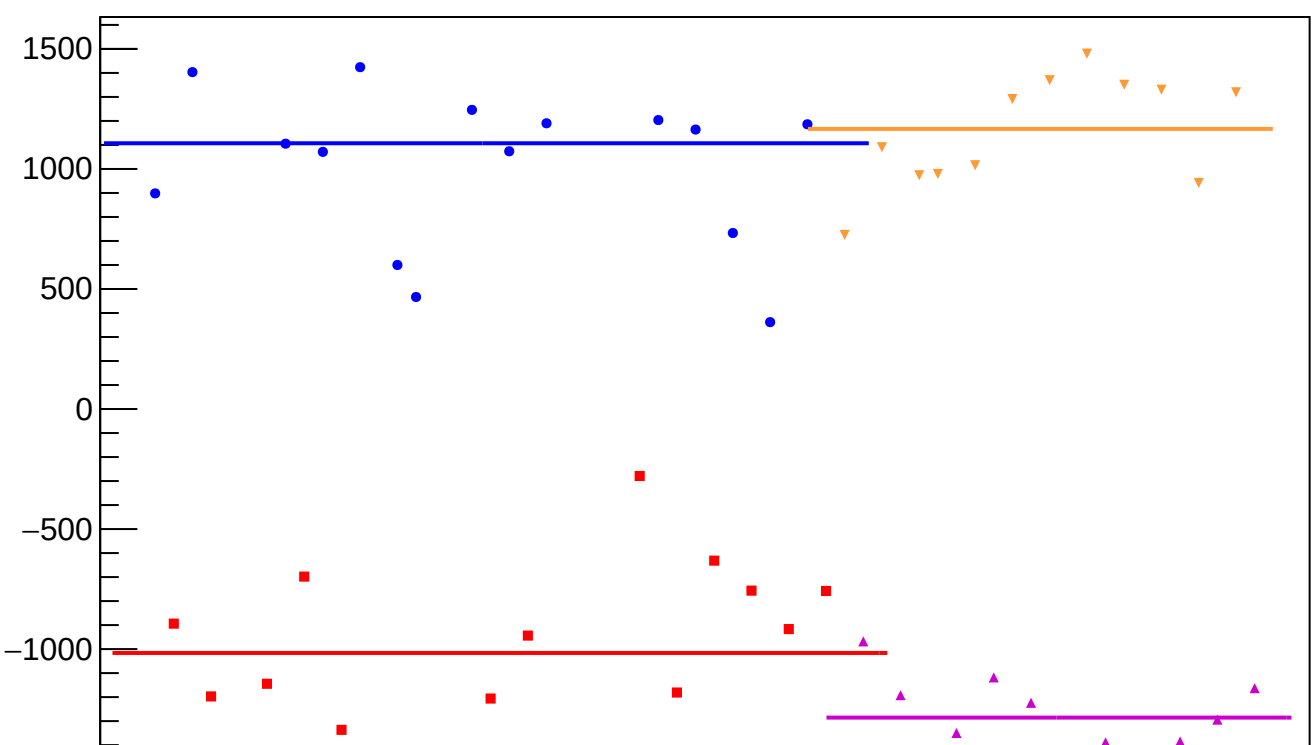
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005145 6.0/15

Out: 0.667+/-0.000 χ^2/NDF:288565858035972461

Left In: -3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

All: 0.051+/-0.000 χ^2/NDF: 5930048169444 3

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

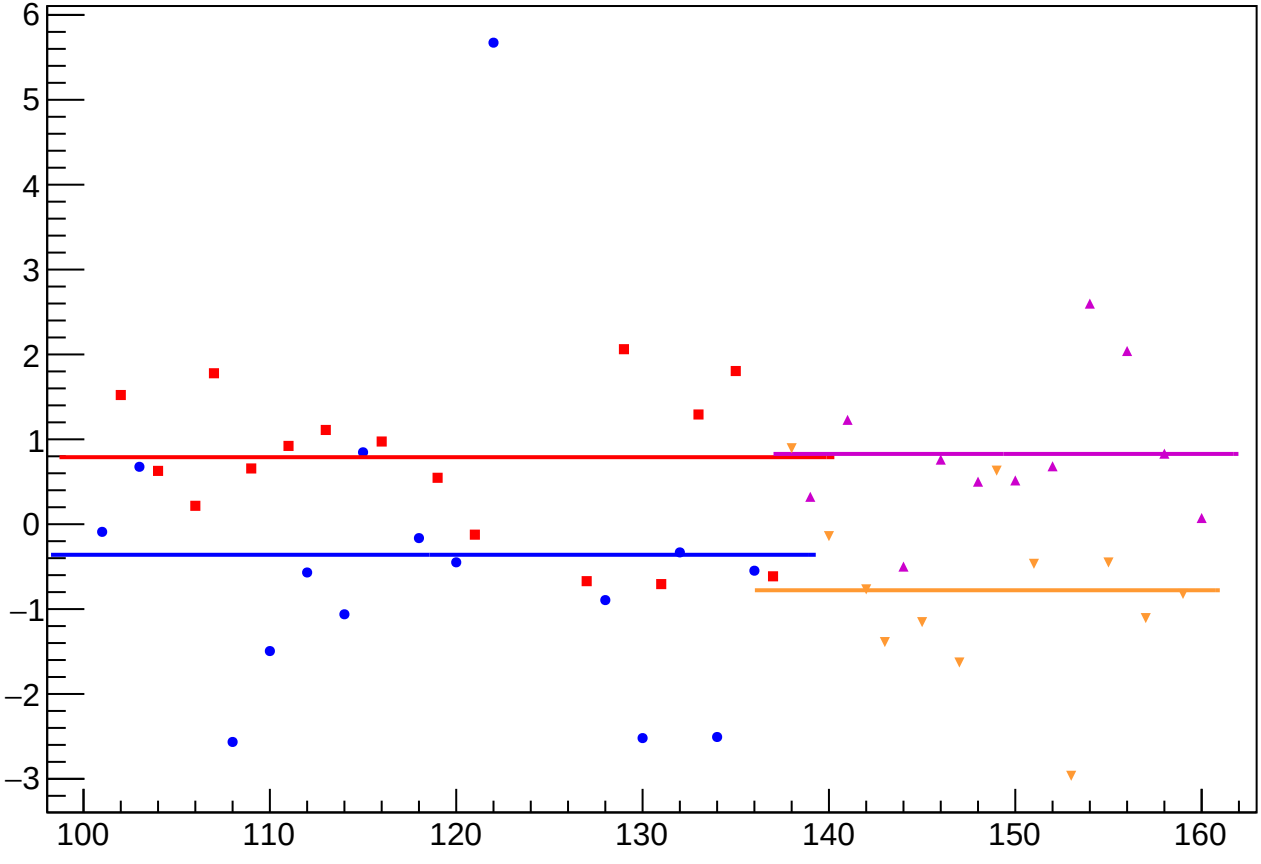
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: 0.029+/-0.000 χ^2/NDF: 277746787190859319

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

Right: 0.223+/-0.000 χ^2/NDF: 3078215805430625 7

Left Out: -0.778+/-0.000 χ^2/NDF:941792568376434225486843988672512.0/11

In: 0.338+/-0.000 χ^2/NDF:336874813296651440 3

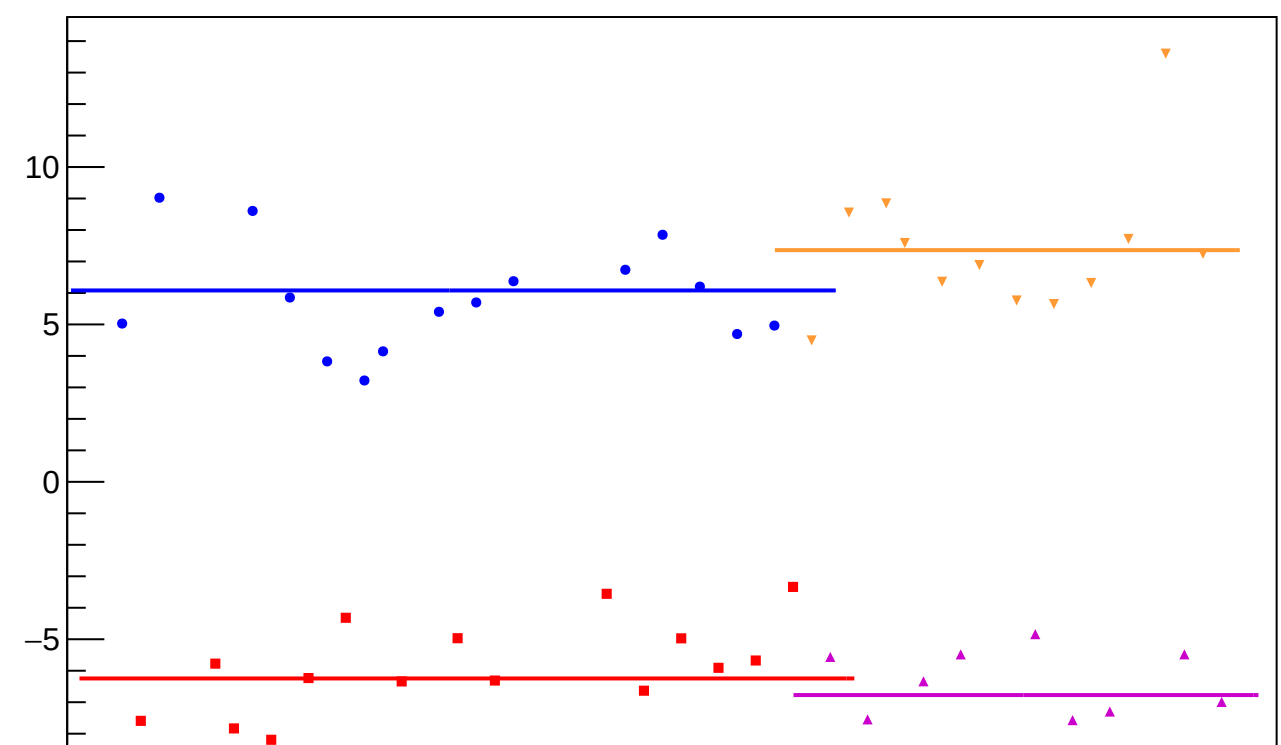
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.117+/-0.000 χ^2/NDF:2352648188556043 2

Left In: 0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

All: 0.110+/-0.000 χ^2/NDF: 5884318462286 7

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 6.079+/-0.000 χ^2/NDF: 1590295171022705157509904488253 44.0/14

Left Out: 7.360+/-0.000 χ^2/NDF:4580380755239365503585140070154240.0/11

Right Out: -6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

Left In: -6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

Left: 0.255+/-0.000 χ^2/NDF: 97899661429953453 6

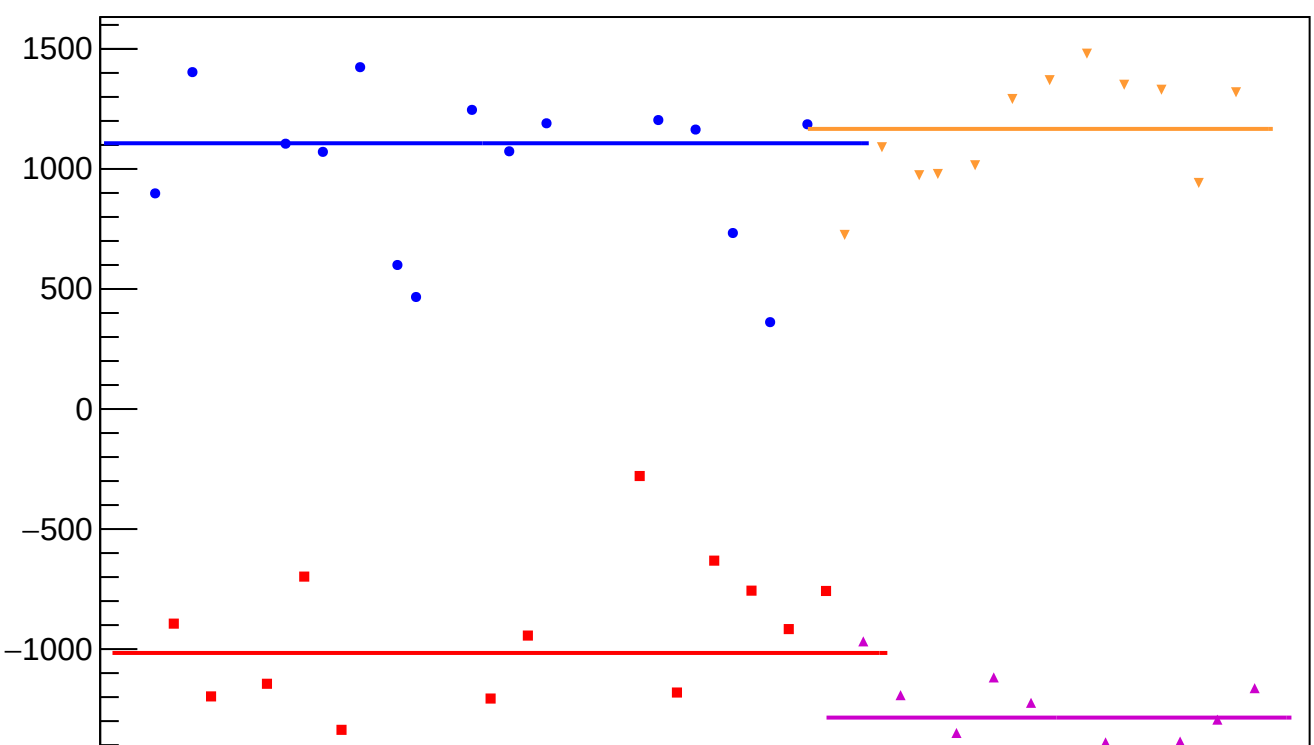
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866

In: -1.470+/-0.000 χ^2/NDF:661098072576307986

Out: 1.620+/-0.000 χ^2/NDF:777700572607728020

All: 0.079+/-0.000 χ^2/NDF: 1514090769074 6

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

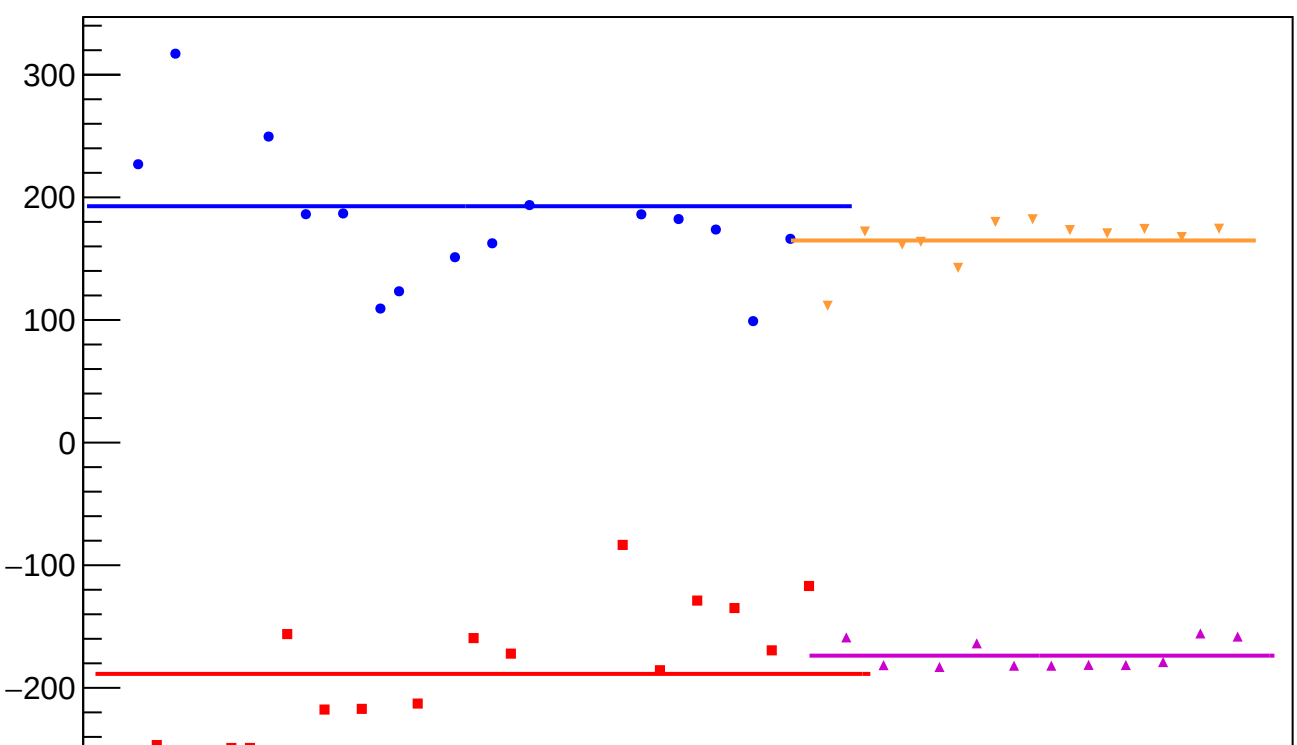
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

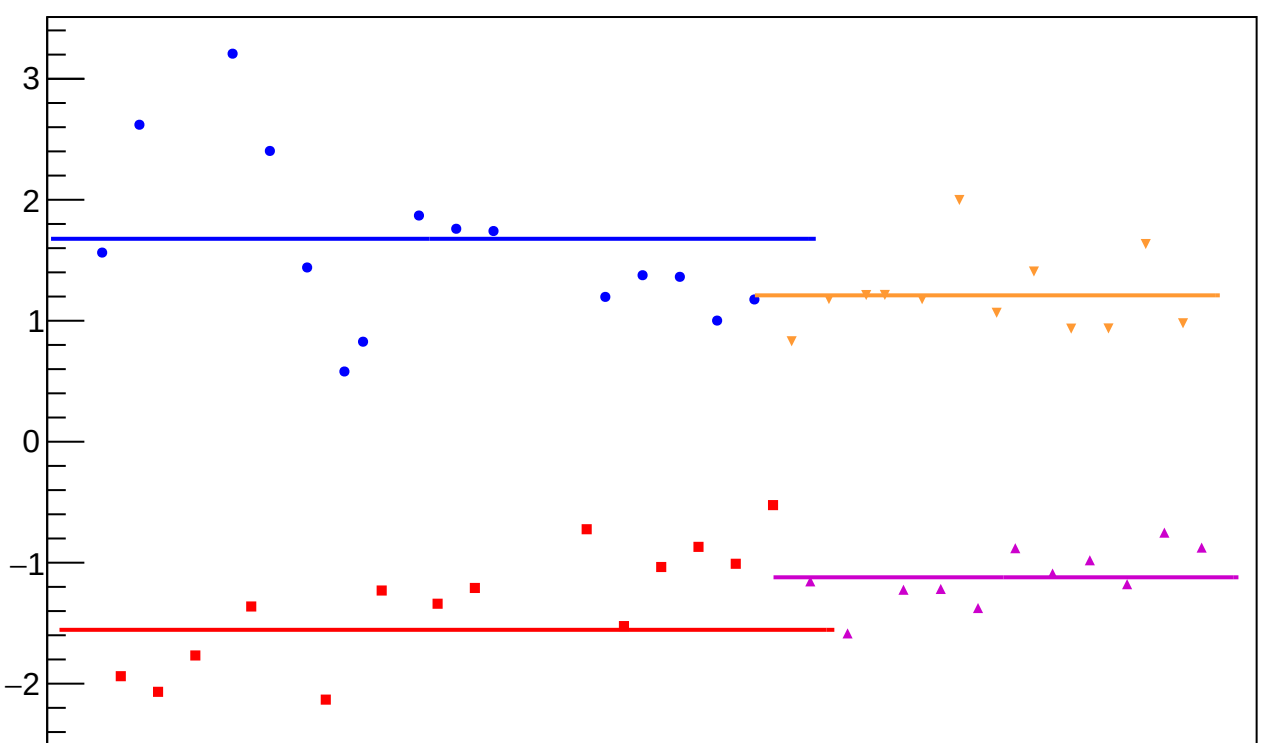
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aY_coil4_mean vs Slug, Sign Corrected



Left: -5.374+/-0.000 χ^2/NDF: 5310985688490385
Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14
Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893
Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11
In: -22.521+/-0.000 χ^2/NDF:5295856655825622
Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15
Out: 15.720+/-0.000 χ^2/NDF:5042417445122393
Left In: -173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10
All: -3.352+/-0.000 χ^2/NDF: 1045358110774

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.038+/-0.000 χ^2/NDF: 264004662994655544

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Right: 0.039+/-0.000 χ^2/NDF: 3934467653215597 9

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

In: 0.034+/-0.000 χ^2/NDF:3275368114978709323

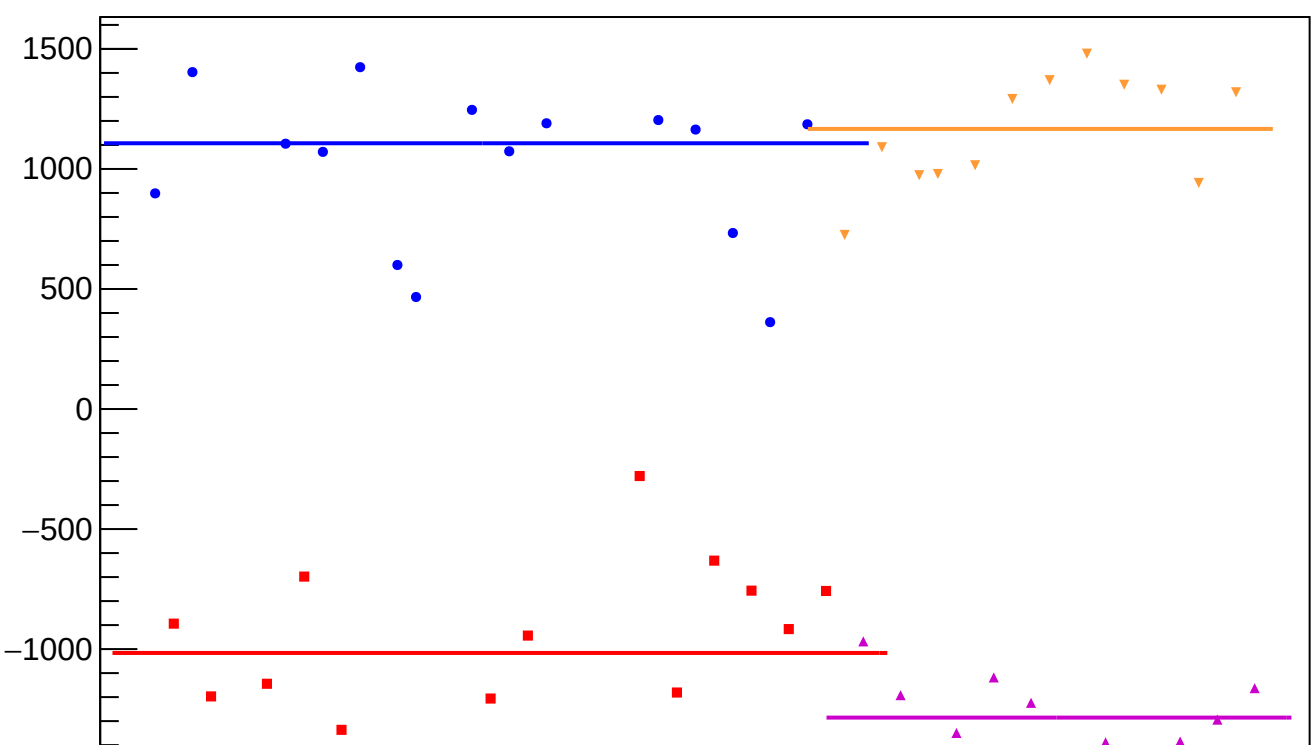
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: 0.043+/-0.000 χ^2/NDF:3299071618905269 86

Left In: -1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

All: 0.039+/-0.000 χ^2/NDF: 6574514878756 2

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

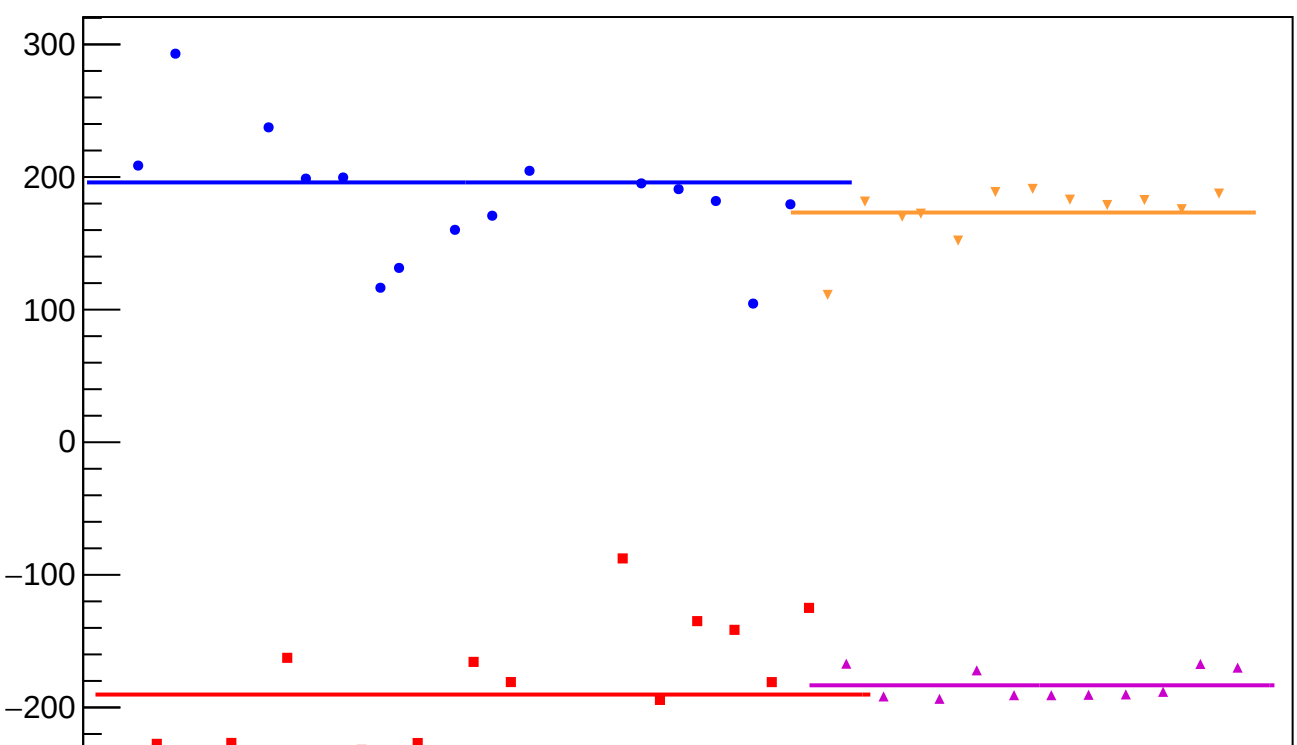
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eY_coil4_mean vs Slug, Sign Corrected



Left: -5.993+/-0.000 χ^2/NDF: 58931613915214401

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 173.245+/-0.000 χ^2/NDF:42118974302231295677962122295456563 2.0/11

In: -26.825+/-0.000 χ^2/NDF:55986720653015776

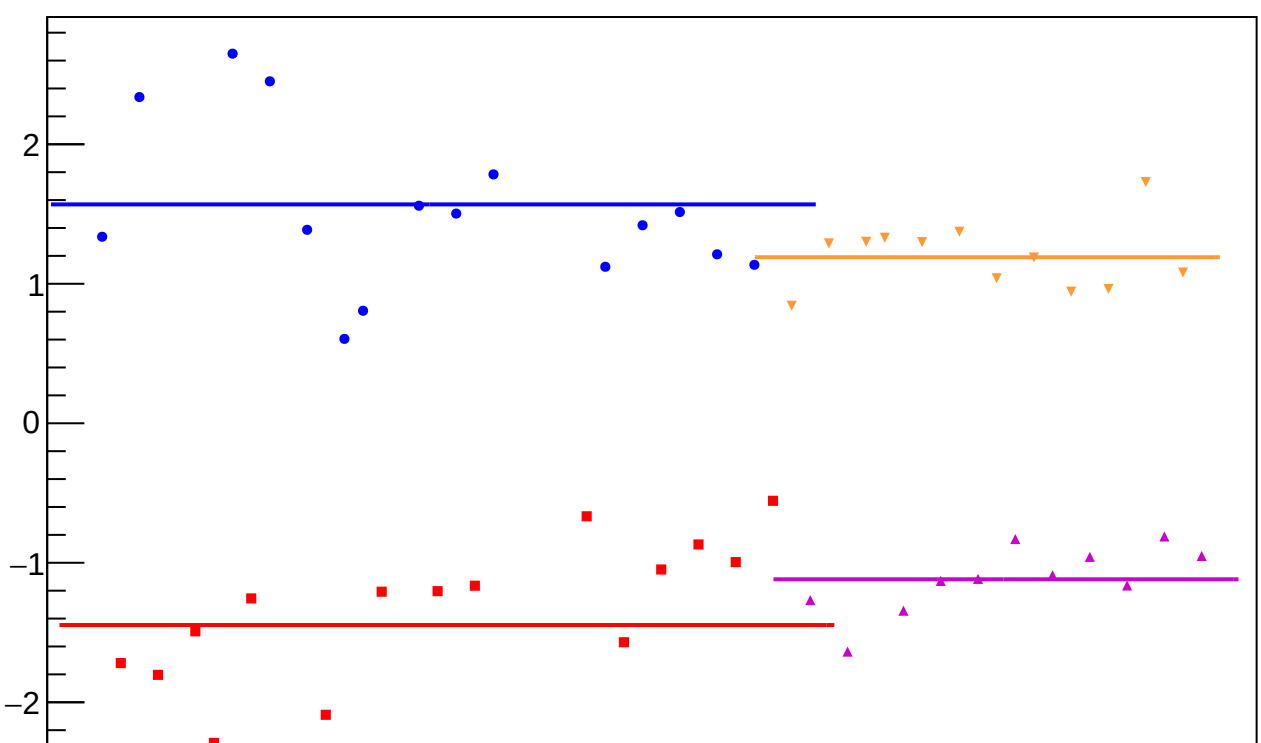
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: 19.884+/-0.000 χ^2/NDF:52843706660567935

Left In: -183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

All: -3.411+/-0.000 χ^2/NDF: 1105507050353

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.030+/-0.000 χ^2/NDF: 25487304289291096

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144

Left Out: 1.190+/-0.000 χ^2/NDF:507458229360322173361448141455 36.0/11

In: -0.010+/-0.000 χ^2/NDF:29652626346543586

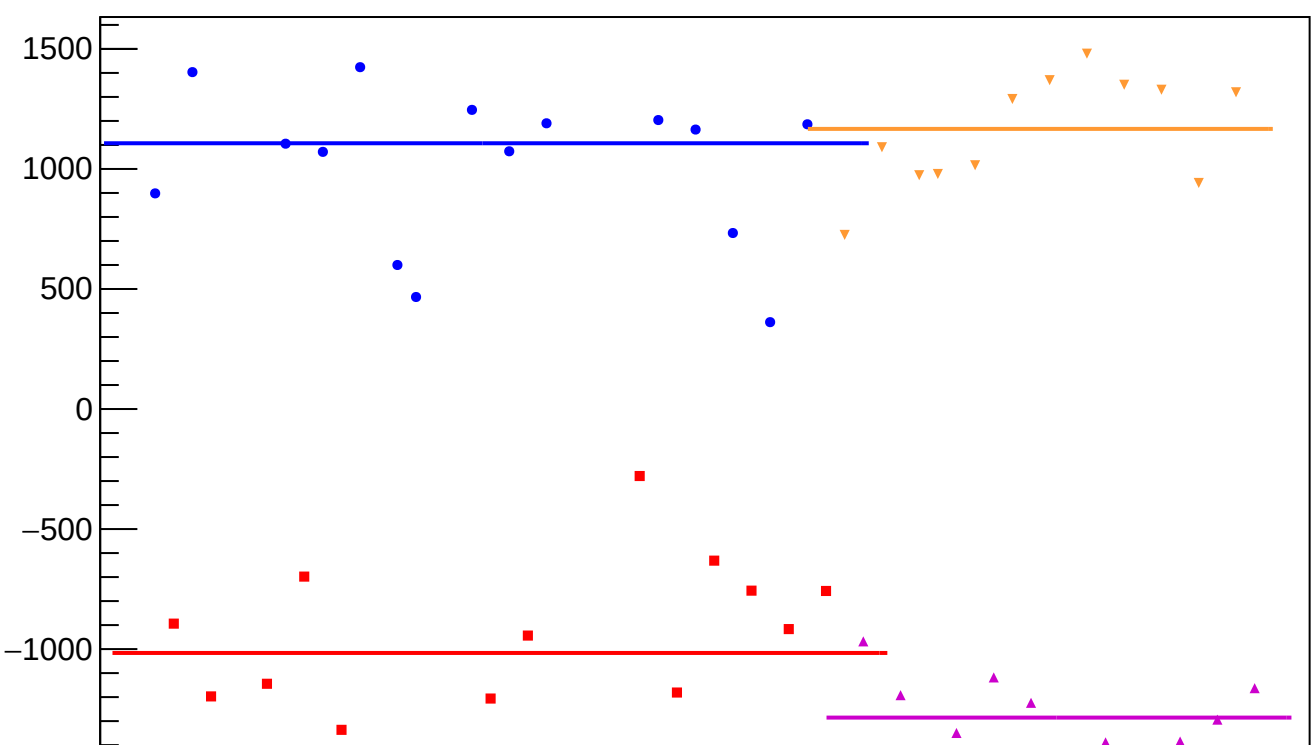
Right Out: -1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

Out: 0.078+/-0.000 χ^2/NDF:292745199805556393

Left In: -1.118+/-0.000 χ^2/NDF:489734969957234809118013658234 88.0/10

All: 0.034+/-0.000 χ^2/NDF: 5898755931617

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

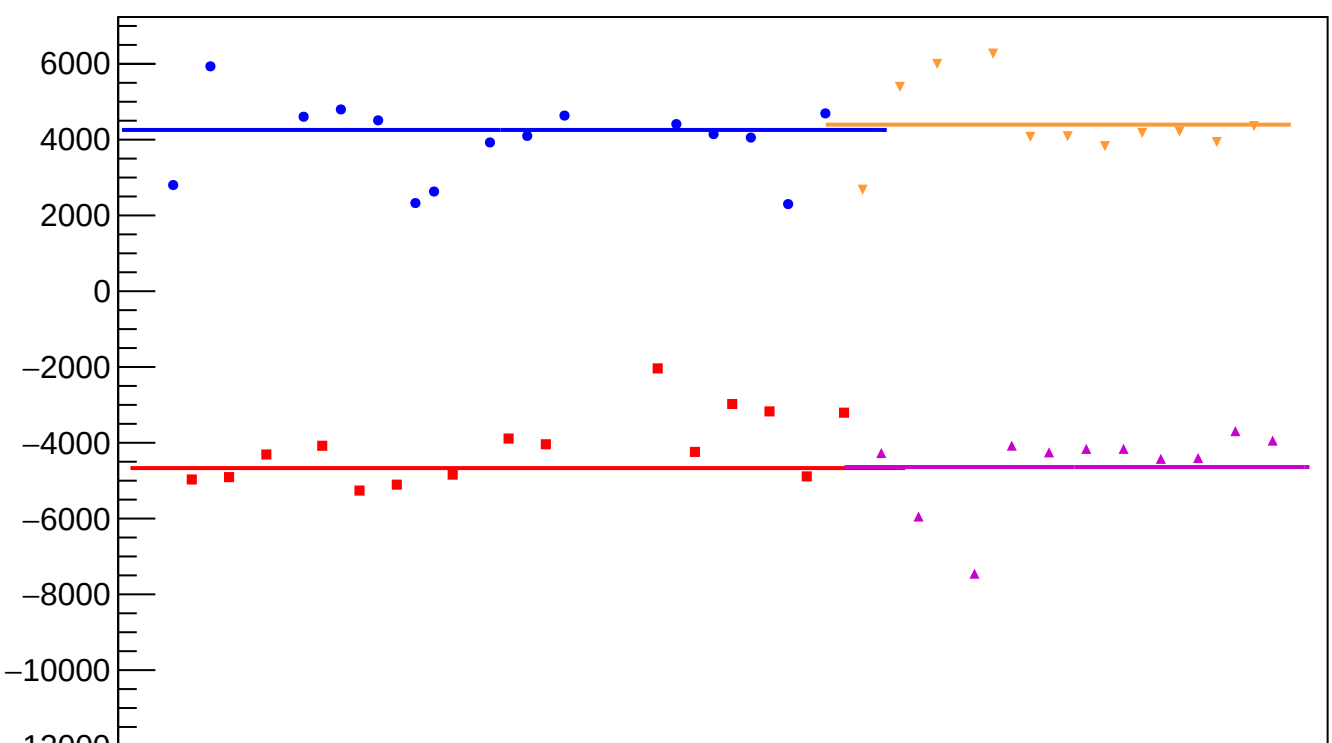
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -318.161+/-0.000 χ^2/NDF: 379100111885942

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

In: -969.372+/-0.000 χ^2/NDF:317287776834937 5

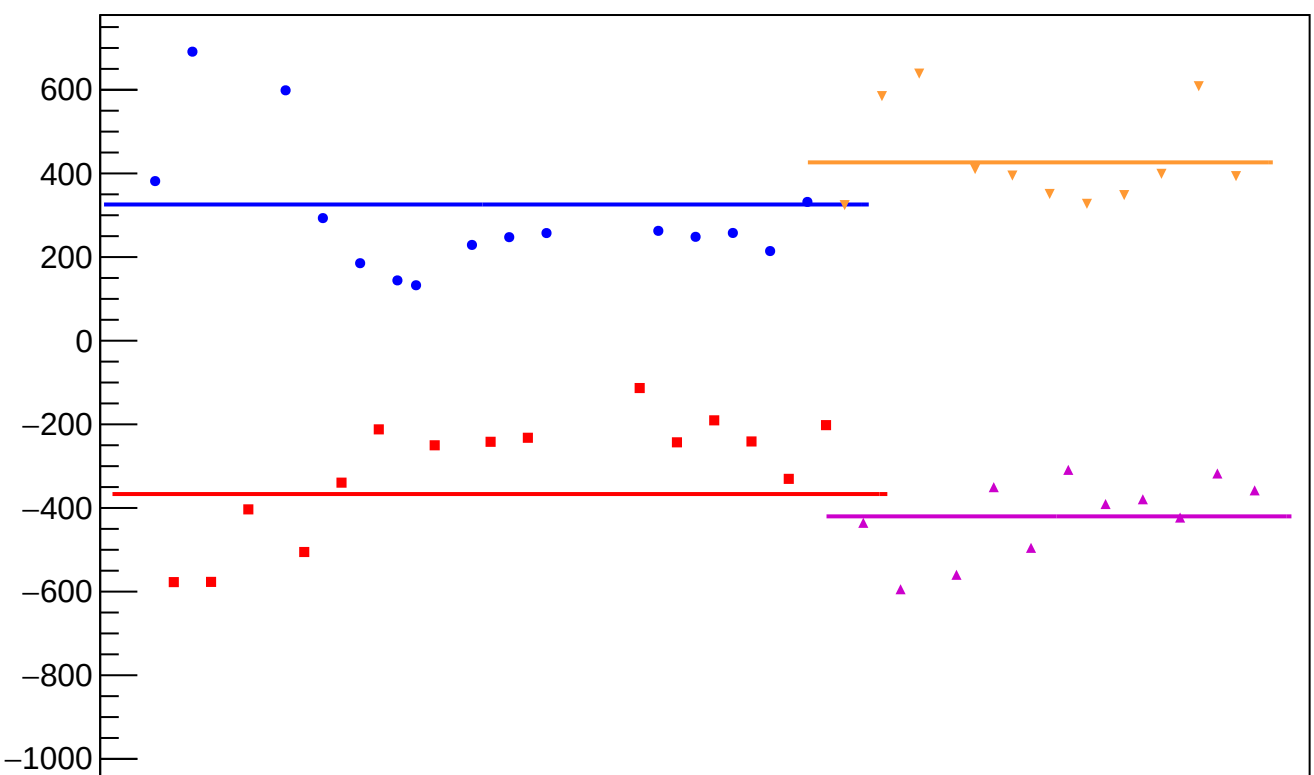
Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

Out: 403.111+/-0.000 χ^2/NDF:3462774375230397

Left In: -4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

All: -296.246+/-0.000 χ^2/NDF: 6780974389 3

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

Left In: -420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

Left: -15.211+/-0.000 χ^2/NDF: 3339353872330959

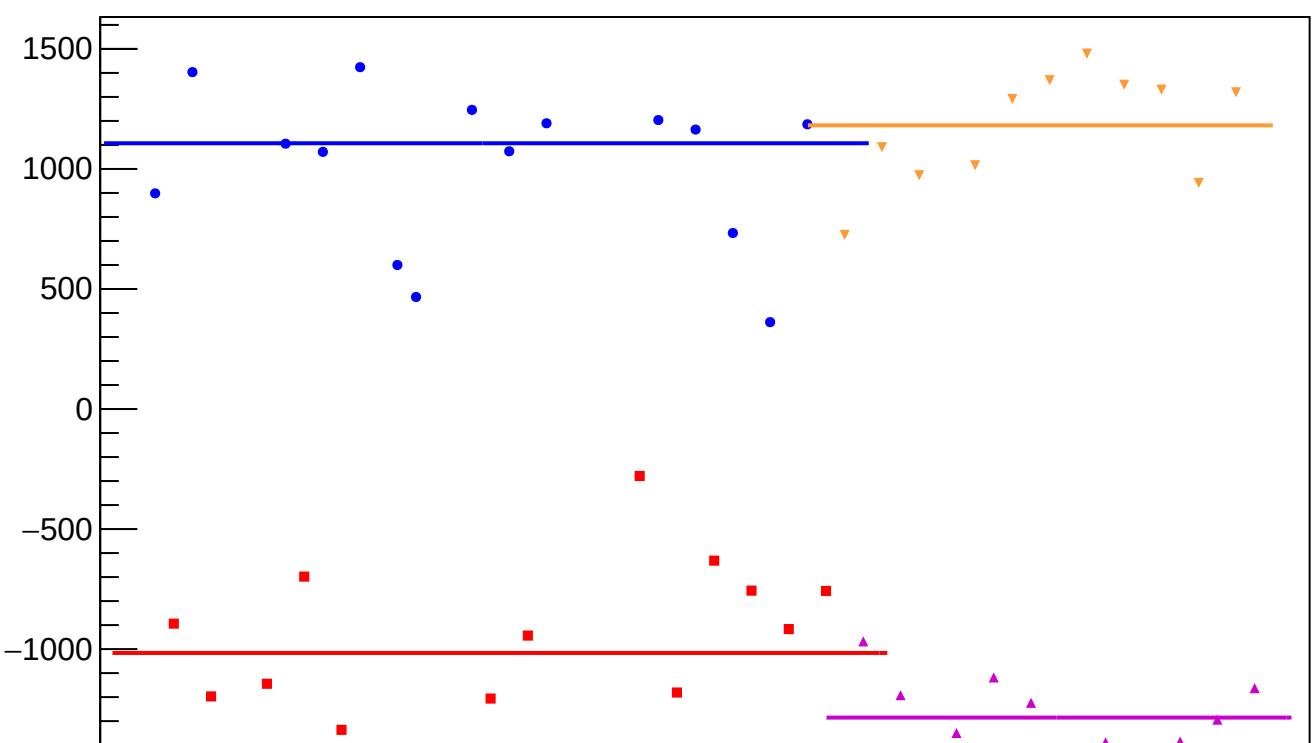
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

In: -112.357+/-0.000 χ^2/NDF:2343838173205561

Out: 77.029+/-0.000 χ^2/NDF:2763927476523588 4

All: -19.474+/-0.000 χ^2/NDF: 538446931474

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -105.453+/-0.000 χ^2/NDF: 275581291950548

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

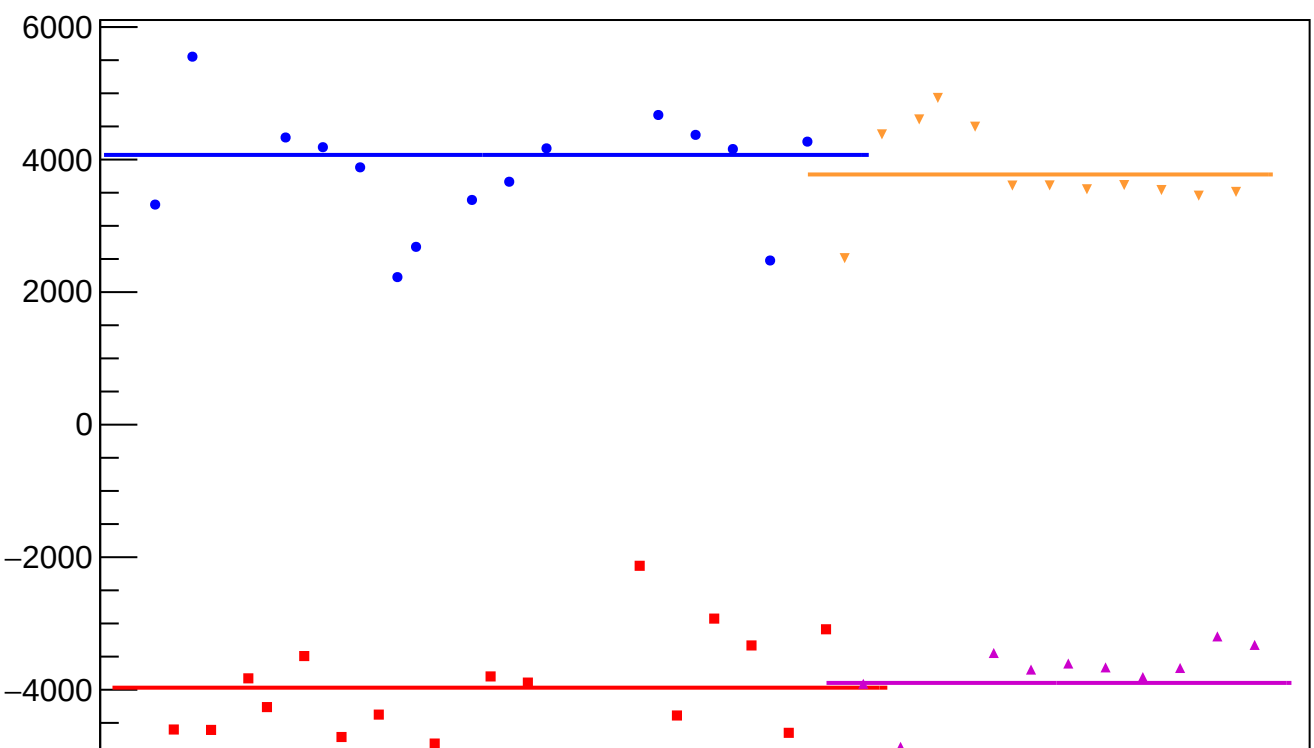
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 213.458+/-0.000 χ^2/NDF:1917151568298922

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

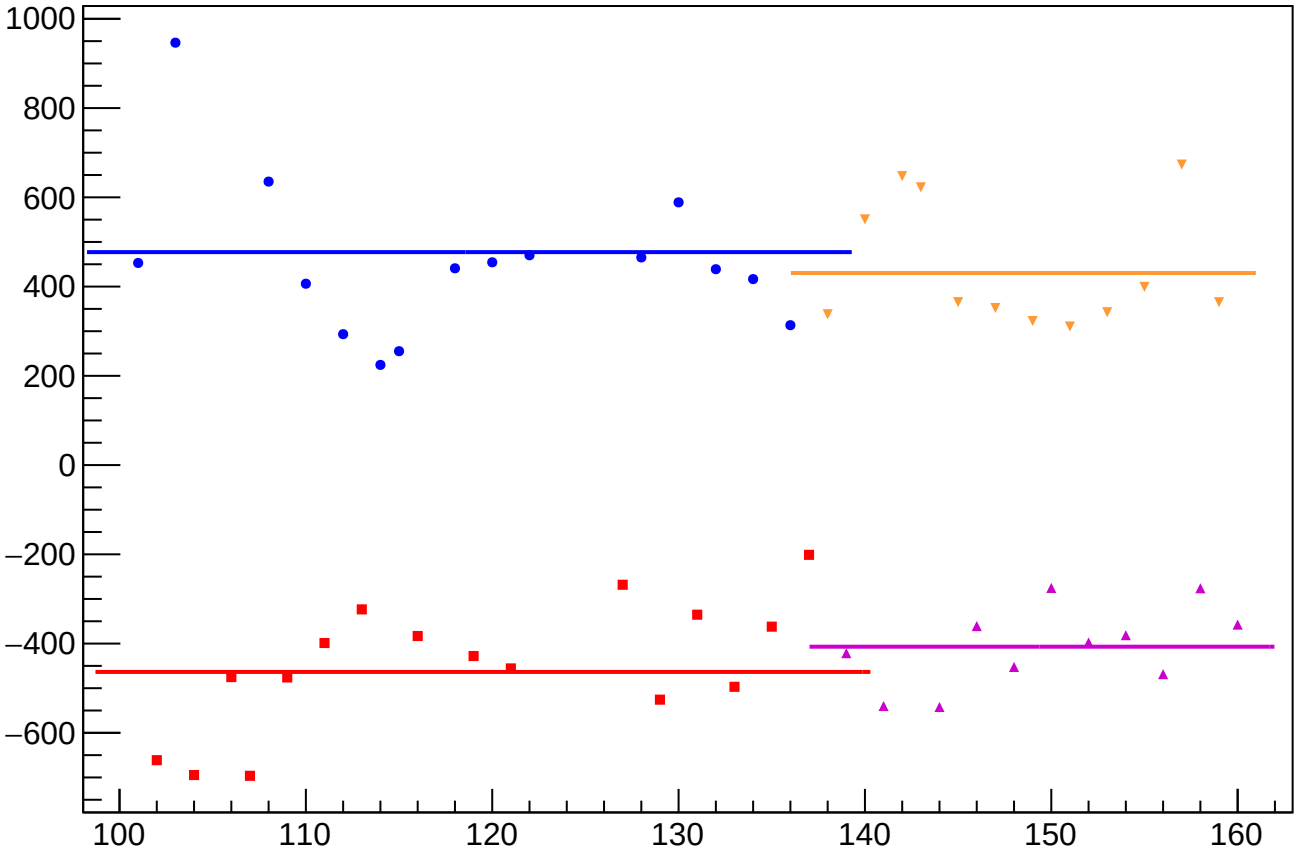
All: -47.303+/-0.000 χ^2/NDF: 436585203886

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: -81.515+/-0.000 χ^2/NDF: 2780391490195932
Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14
Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721
Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720 90368.0/11
In: -609.591+/-0.000 χ^2/NDF:2495492786013162
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948 84608.0/15
Out: 508.311+/-0.000 χ^2/NDF:2383013038851413
Left In: -3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143531 7888.0/10
All: -49.222+/-0.000 χ^2/NDF: 497704442491

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 9.420+/-0.000 χ^2/NDF: 344329492492659373

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964 5

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

In: -42.190+/-0.000 χ^2/NDF:3255038316808342 9

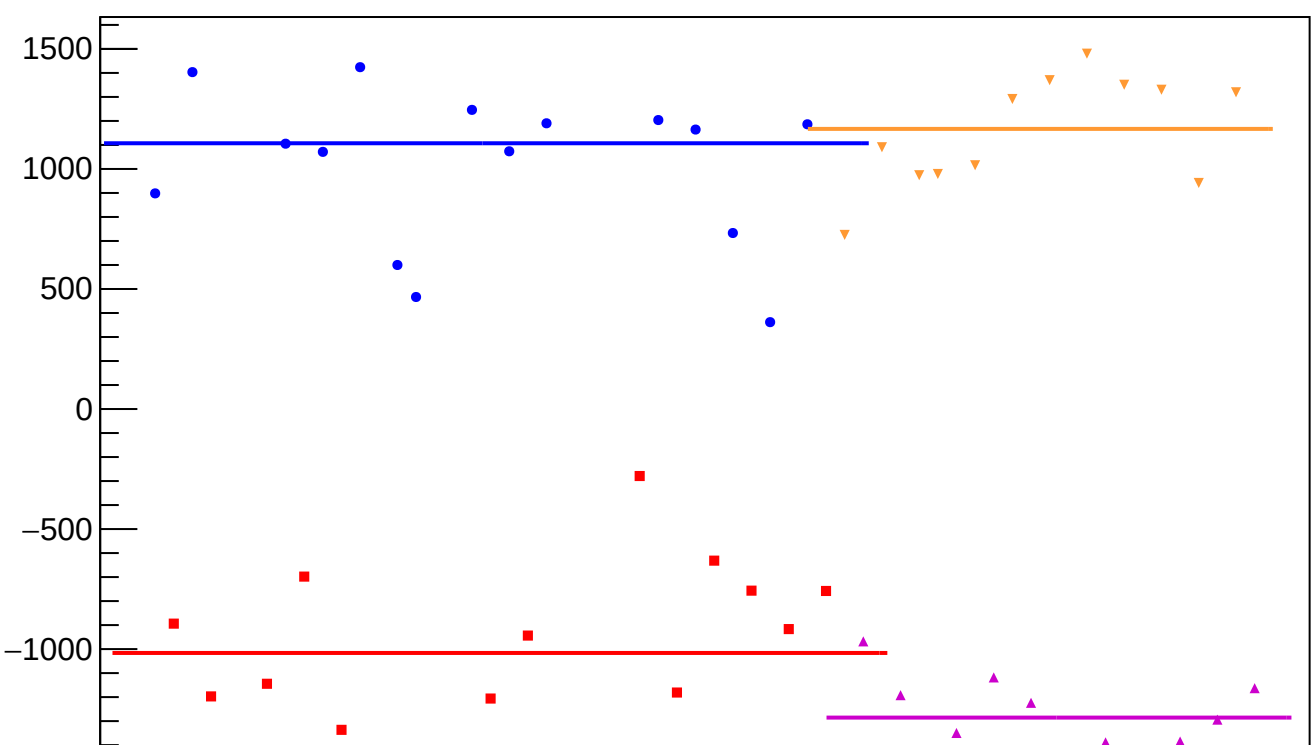
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Out: 53.263+/-0.000 χ^2/NDF:335798727770619 70

Left In: -406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

All: 5.658+/-0.000 χ^2/NDF: 6684867613361 8

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

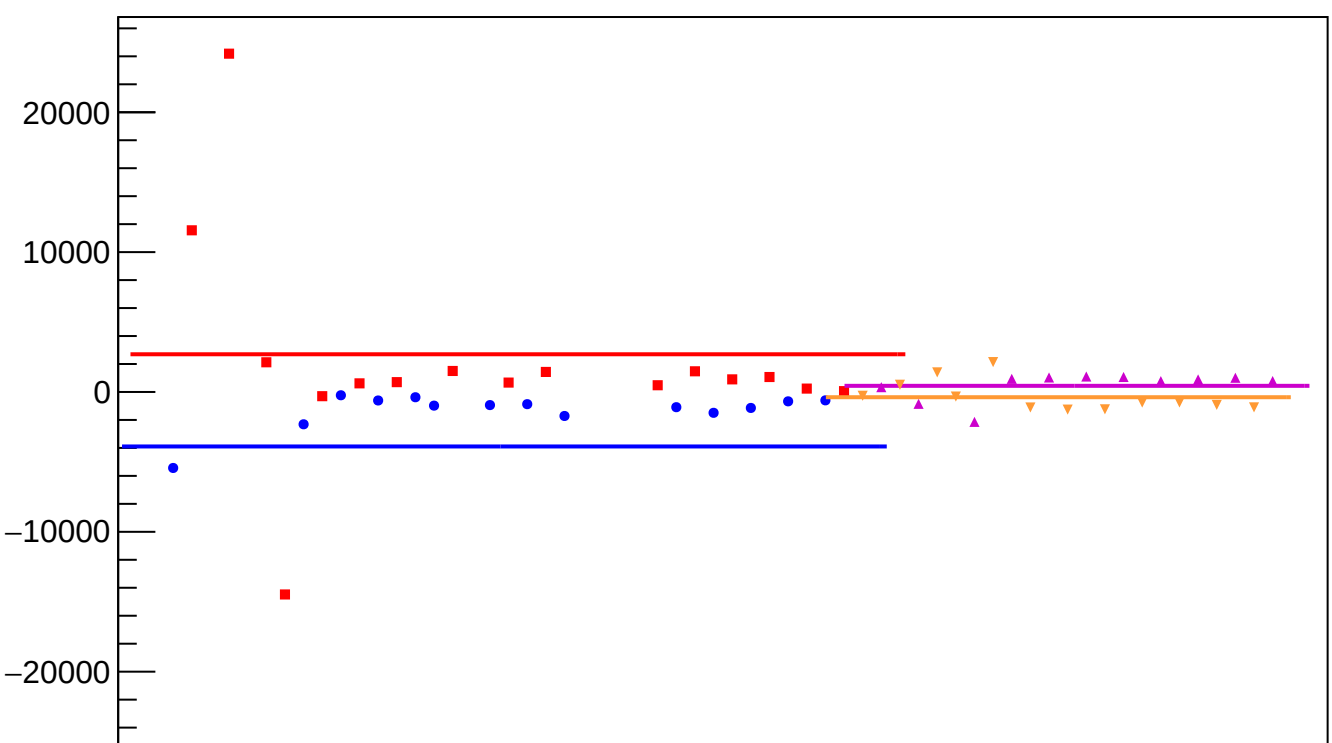
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

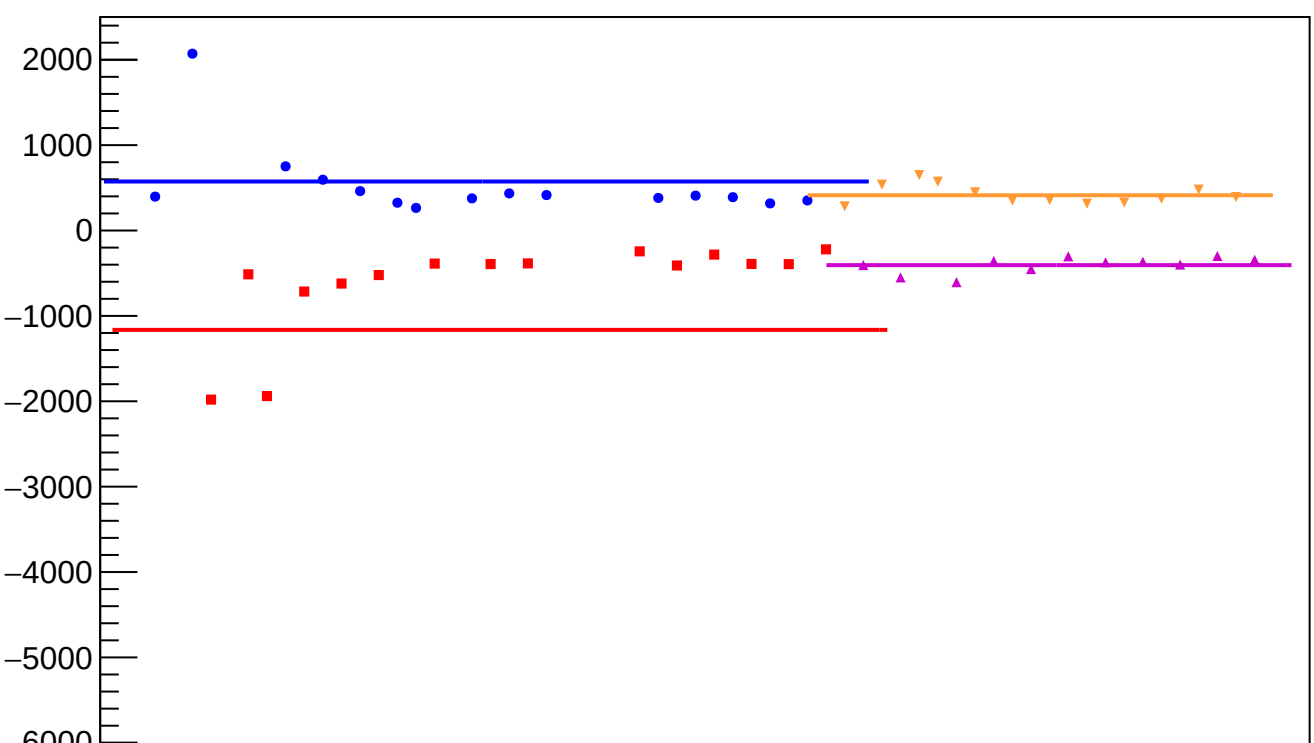
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl1_coil4_mean vs Slug, Sign Corrected



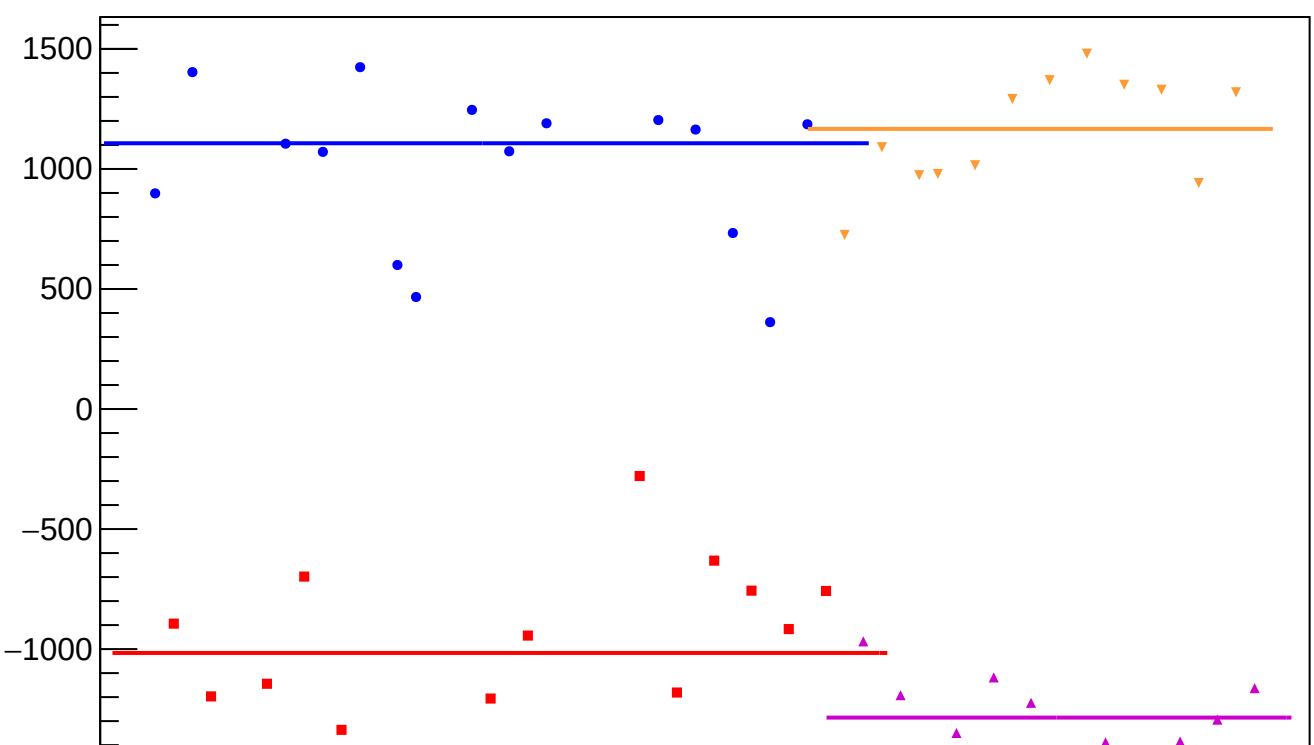
Left: 34.146+/-0.000 χ^2/NDF: 2184653590245034
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 85
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 920.357+/-0.000 χ^2/NDF:4541872793007468
Left In: 439.289+/-0.000 χ^2/NDF:921031566733723872829454078558930468864.0/10
All: -211.749+/-0.000 χ^2/NDF: 9718813734 4

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: 1.597+/-0.000 χ^2/NDF: 32522110250256488
Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877 4400.0/11
In: -1.272+/-0.000 χ^2/NDF:52590706013757462 0
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -252.175+/-0.000 χ^2/NDF:297119265978560
Left In: -405.371+/-0.000 χ^2/NDF:8096374045117906535343483577494929408.0/10
All: -127.041+/-0.000 χ^2/NDF: 3546737232 5

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

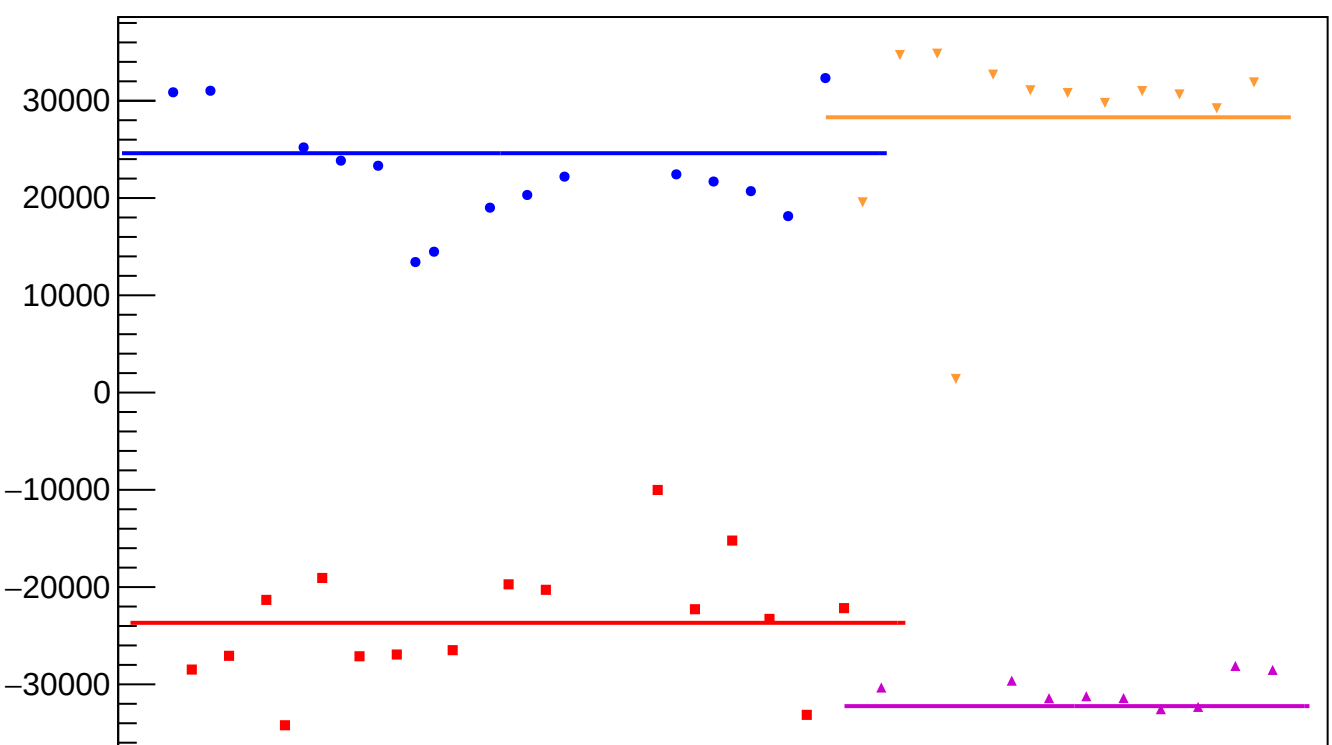
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl2_coil4_mean vs Slug, Sign Corrected



Left: -2133.166+/-0.000 χ^2/NDF: 17608276129881

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Right: 137.211+/-0.000 χ^2/NDF: 809207355903527

Left Out: 28302.359+/-0.000 χ^2/NDF:647439605765260731478527893268239346565 12.0/11

In: -8784.508+/-0.000 χ^2/NDF:126151138901902

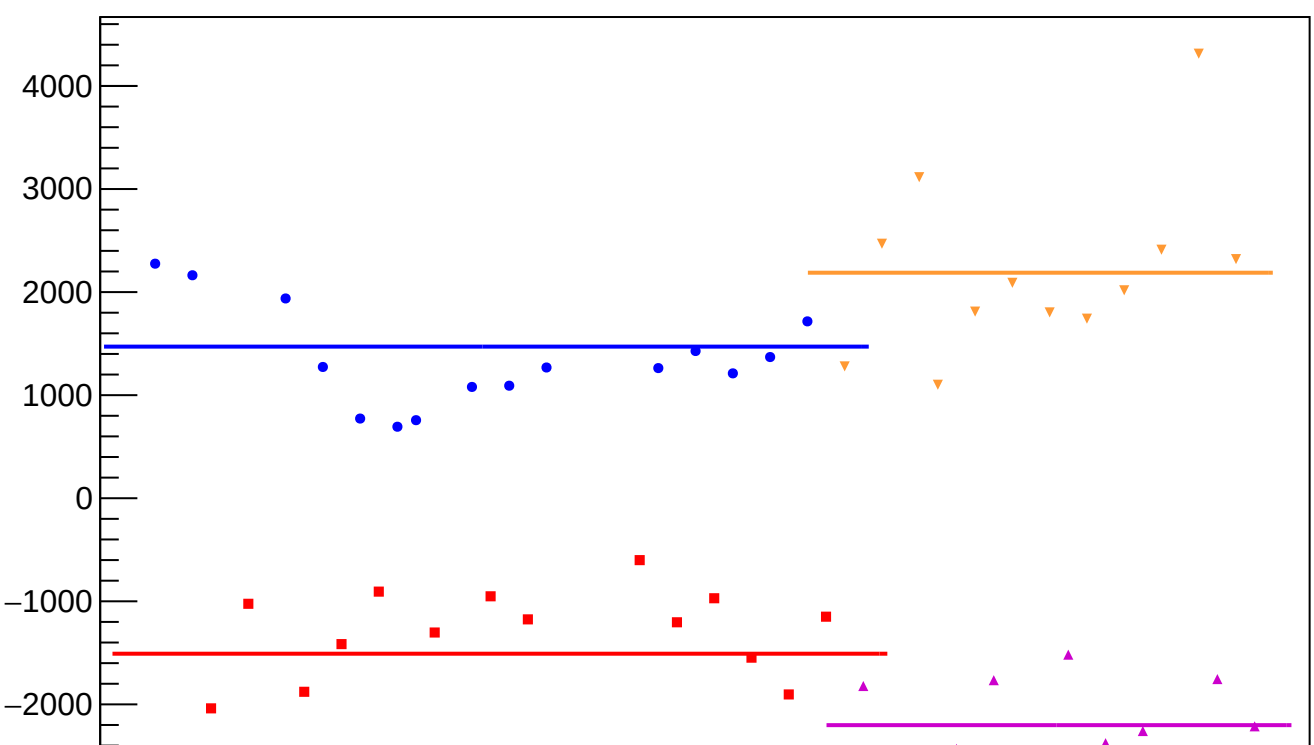
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Out: 6374.346+/-0.000 χ^2/NDF:113128775072899

Left In: -32239.303+/-0.000 χ^2/NDF:119313978756631771428128299988035410329 60.0/10

All: -1185.856+/-0.000 χ^2/NDF: 2573988051

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1471.095+/-0.000 χ^2/NDF: 1391749794204678410738941679564520161 28.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF:5938585160905351867022075216408241766 40.0/11

Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156 13696.0/15

Left In: -2201.571+/-0.000 χ^2/NDF:1569291241796909306190302290979627991 04.0/10

Left: -18.662+/-0.000 χ^2/NDF: 9604851757835687

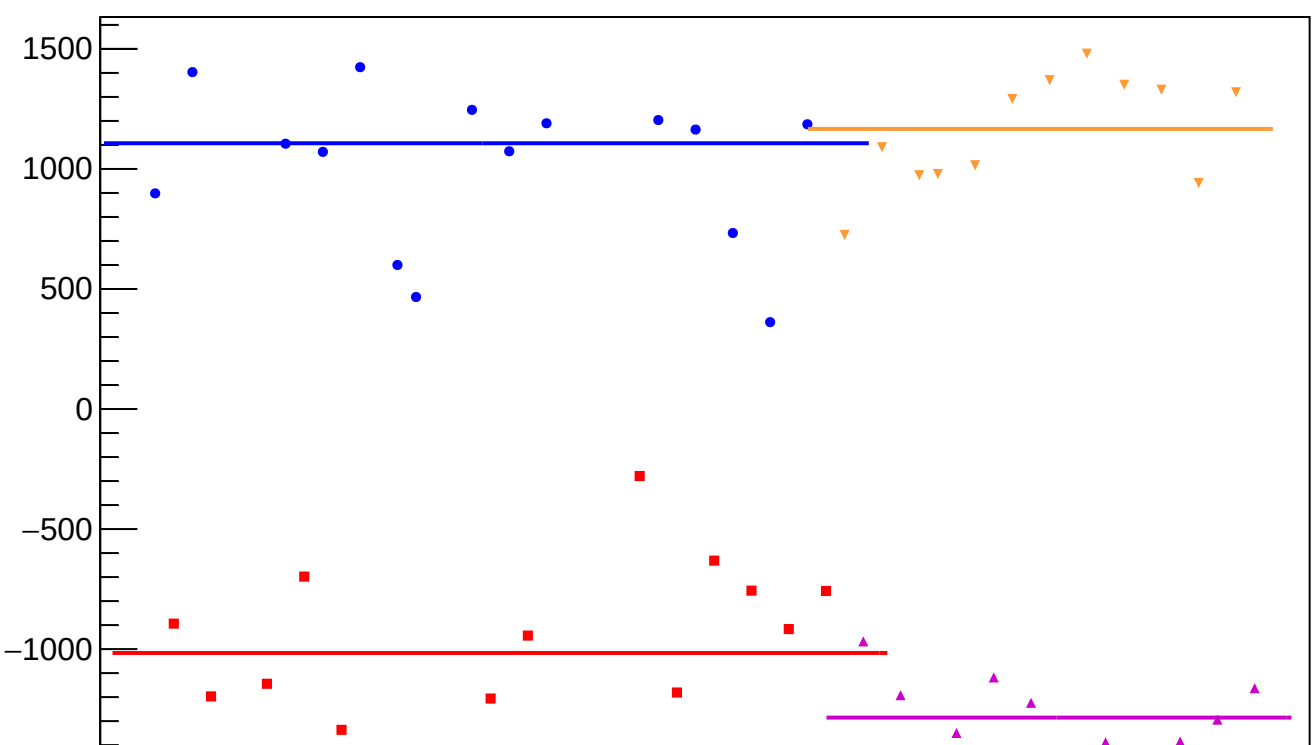
Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

In: -686.275+/-0.000 χ^2/NDF:5438324784011715

Out: 628.599+/-0.000 χ^2/NDF:6113094829757836

All: -27.171+/-0.000 χ^2/NDF: 129146441419

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

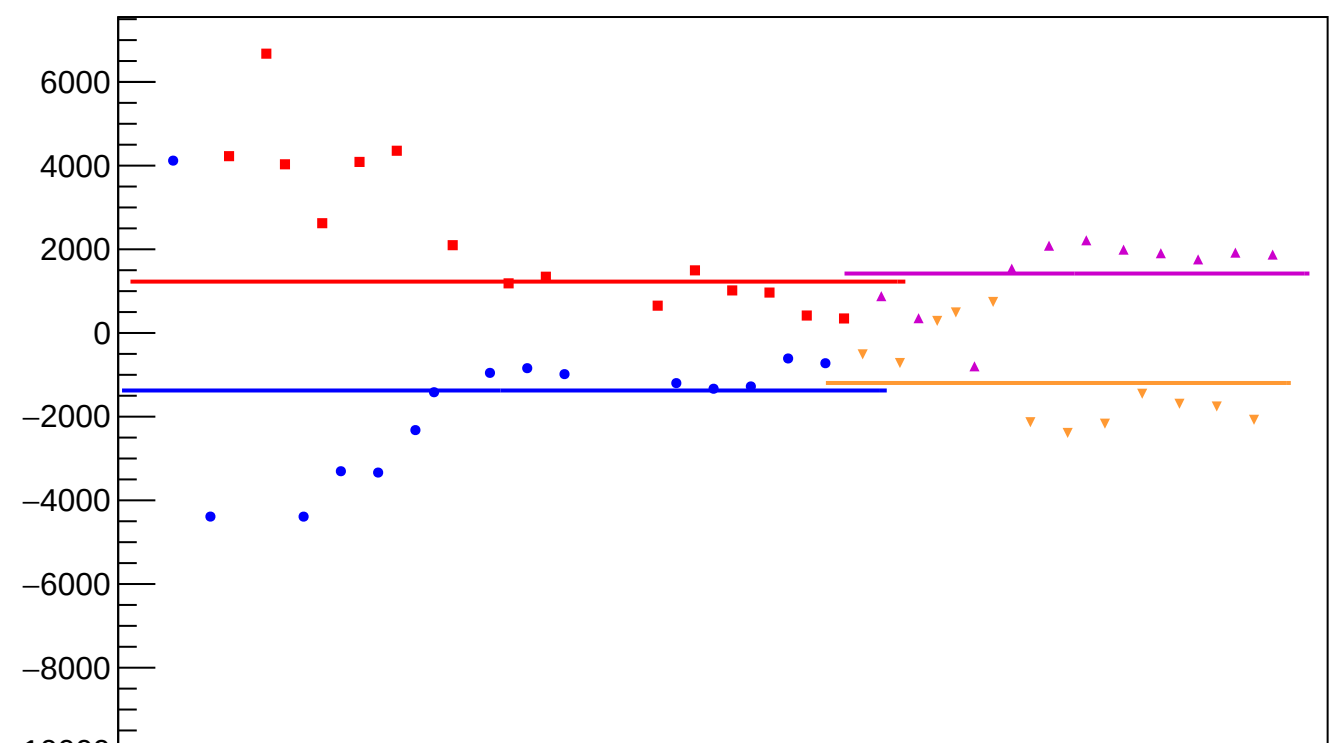
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: 120.030+/-0.000 χ^2/NDF: 4904926728039627

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11

In: 267.494+/-0.000 χ^2/NDF:67996212905624210

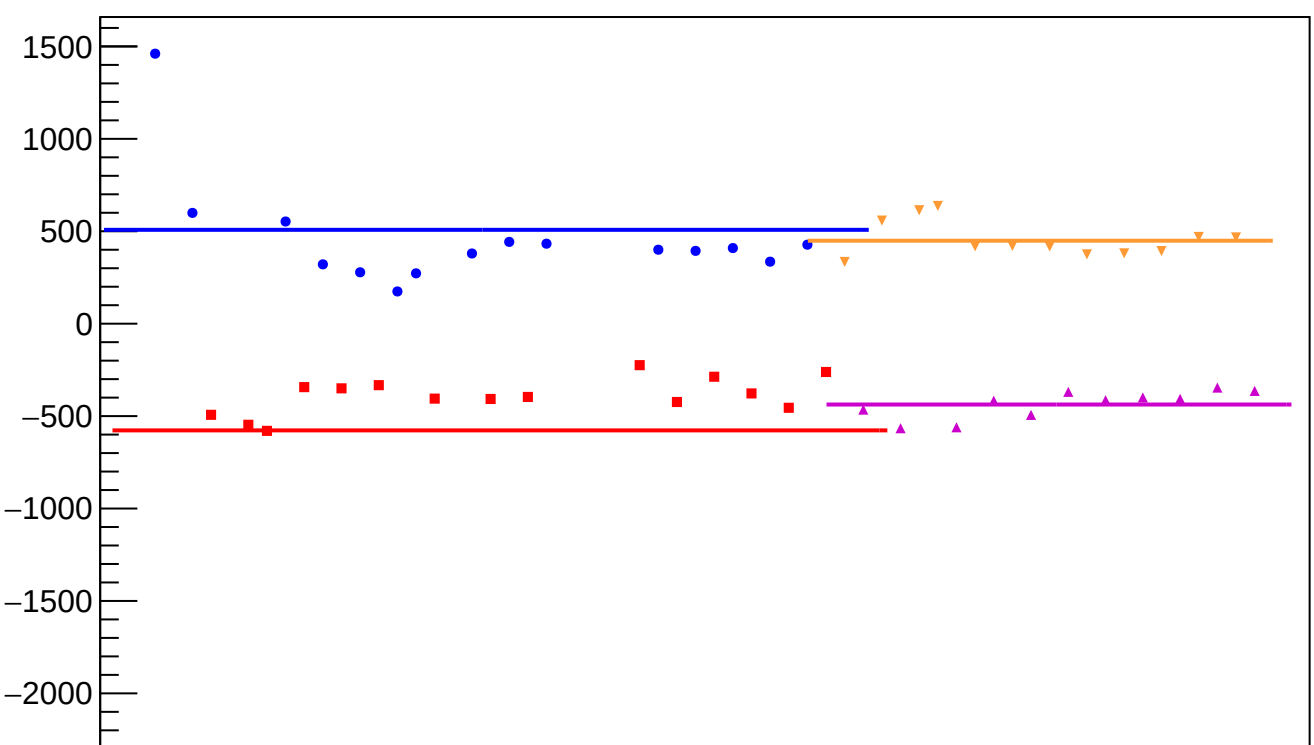
Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: -172.811+/-0.000 χ^2/NDF:143918754957920

Left In: 1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

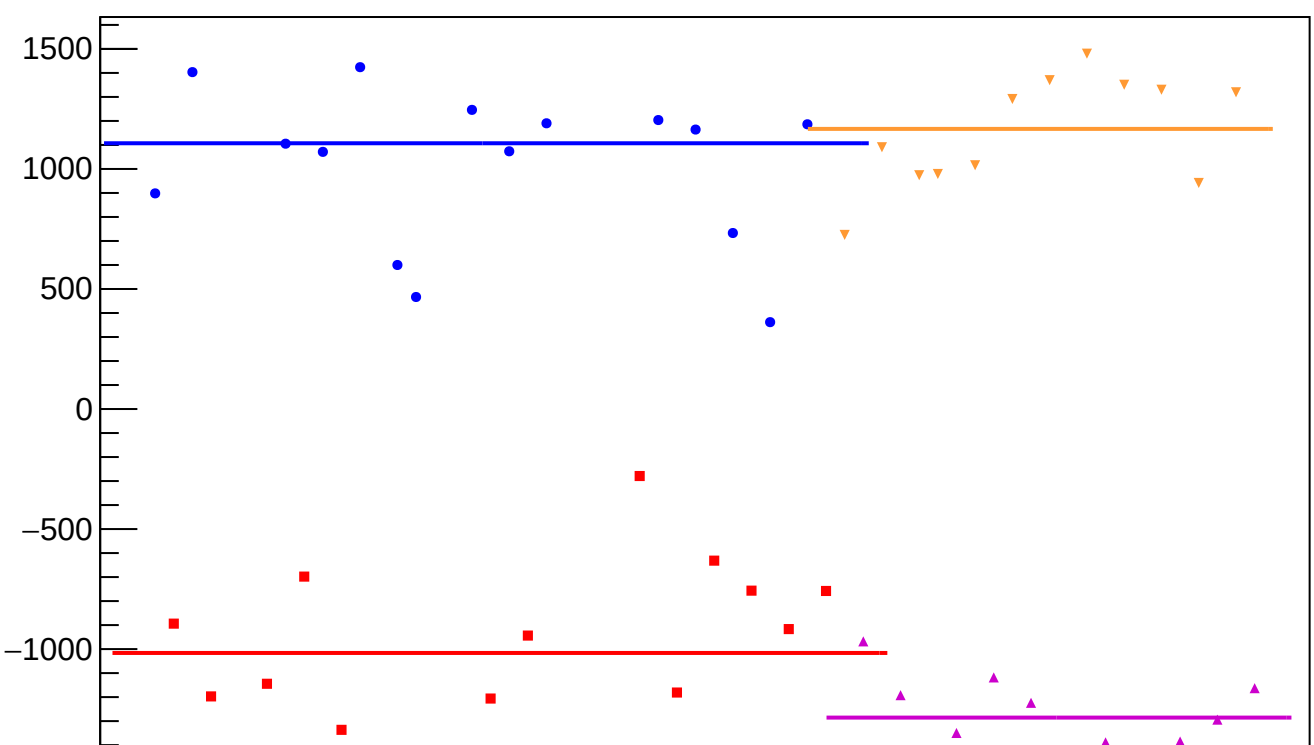
All: 46.783+/-0.000 χ^2/NDF: 2134436142325

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: 3.384+/-0.000 χ^2/NDF: 372721142857858509
Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14
Right: -42.141+/-0.000 χ^2/NDF: 692705775128653
Left Out: 448.905+/-0.000 χ^2/NDF:697244496904172592974411149414812876 8.0/11
In: -47.369+/-0.000 χ^2/NDF:40955291948460460
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15
Out: 15.985+/-0.000 χ^2/NDF:6542986018799037 5
Left In: -437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10
All: -15.611+/-0.000 χ^2/NDF: 106701634148

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

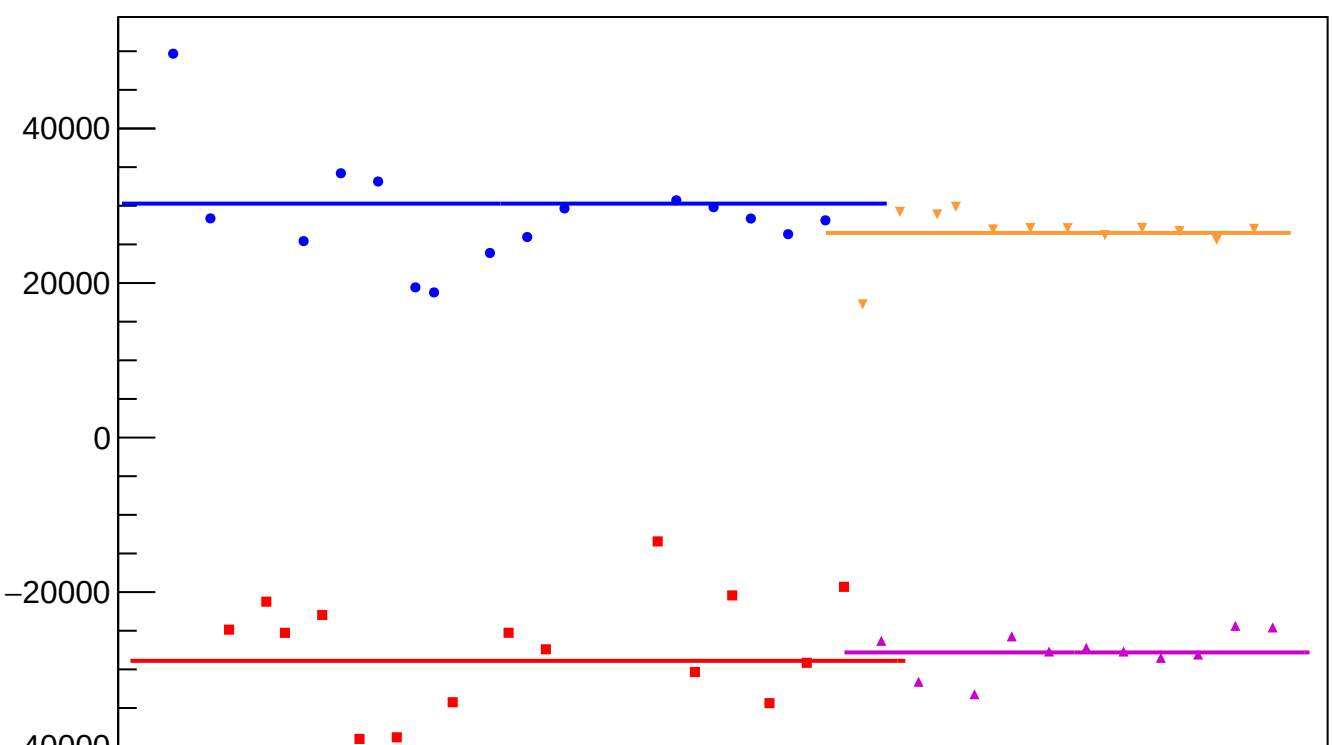
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr2_coil4_mean vs Slug, Sign Corrected



Left: -807.954+/-0.000 χ^2/NDF: 136920382018106

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Right: 285.980+/-0.000 χ^2/NDF: 122974265906167

Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11

In: -3842.144+/-0.000 χ^2/NDF:132338595511608

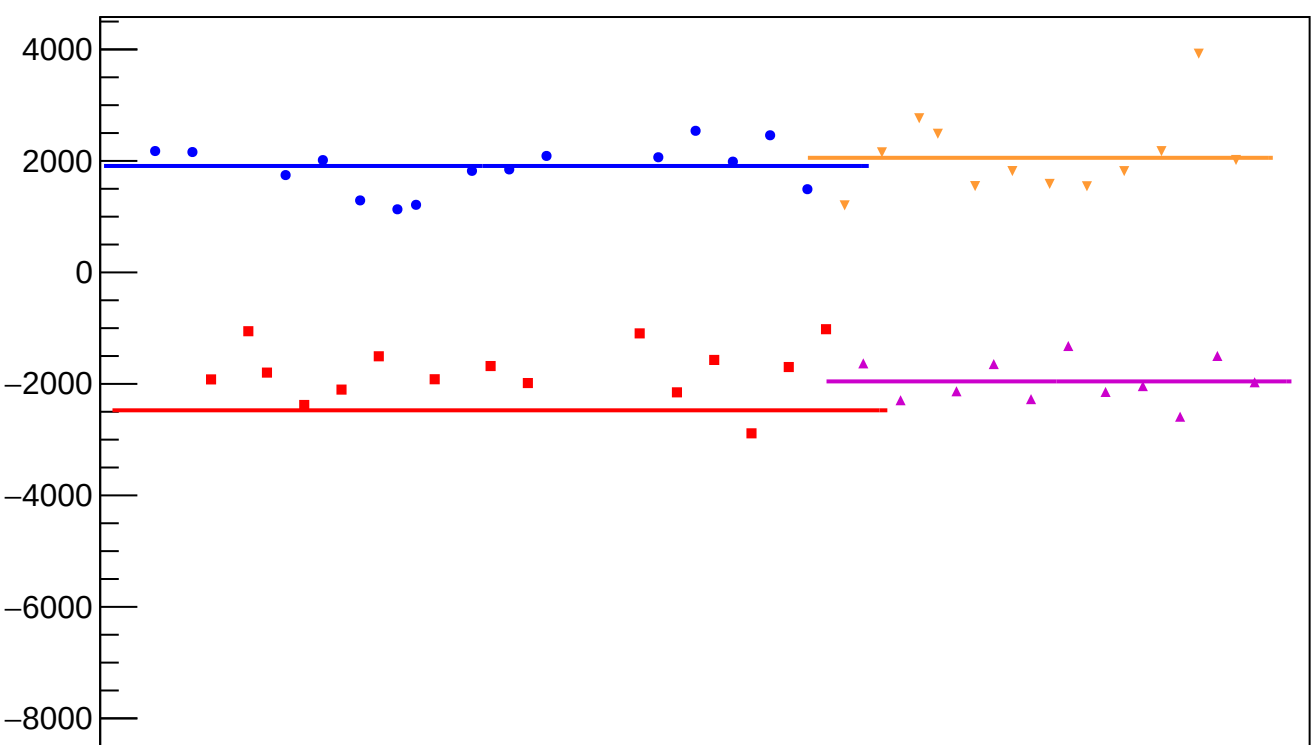
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Out: 3121.457+/-0.000 χ^2/NDF:123824278408227

Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

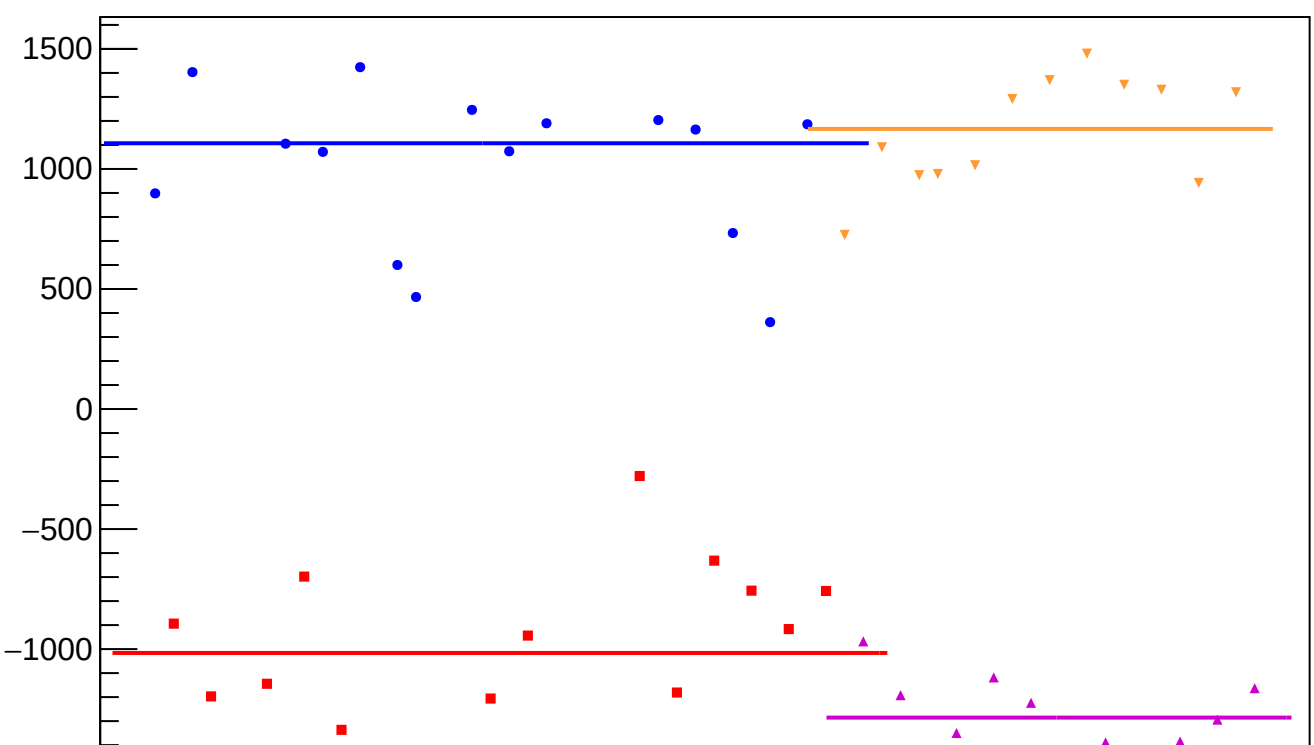
All: -351.512+/-0.000 χ^2/NDF: 25998642244

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: 39.326+/-0.000 χ^2/NDF: 7957562789536415
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
In: -360.767+/-0.000 χ^2/NDF:5908709241409238
Right Out: -2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
Out: 144.749+/-0.000 χ^2/NDF:113840153379649 7
Left In: -1955.312+/-0.000 χ^2/NDF:126909052383838166035294082177347616768.0/10
All: -107.368+/-0.000 χ^2/NDF: 17494221106

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

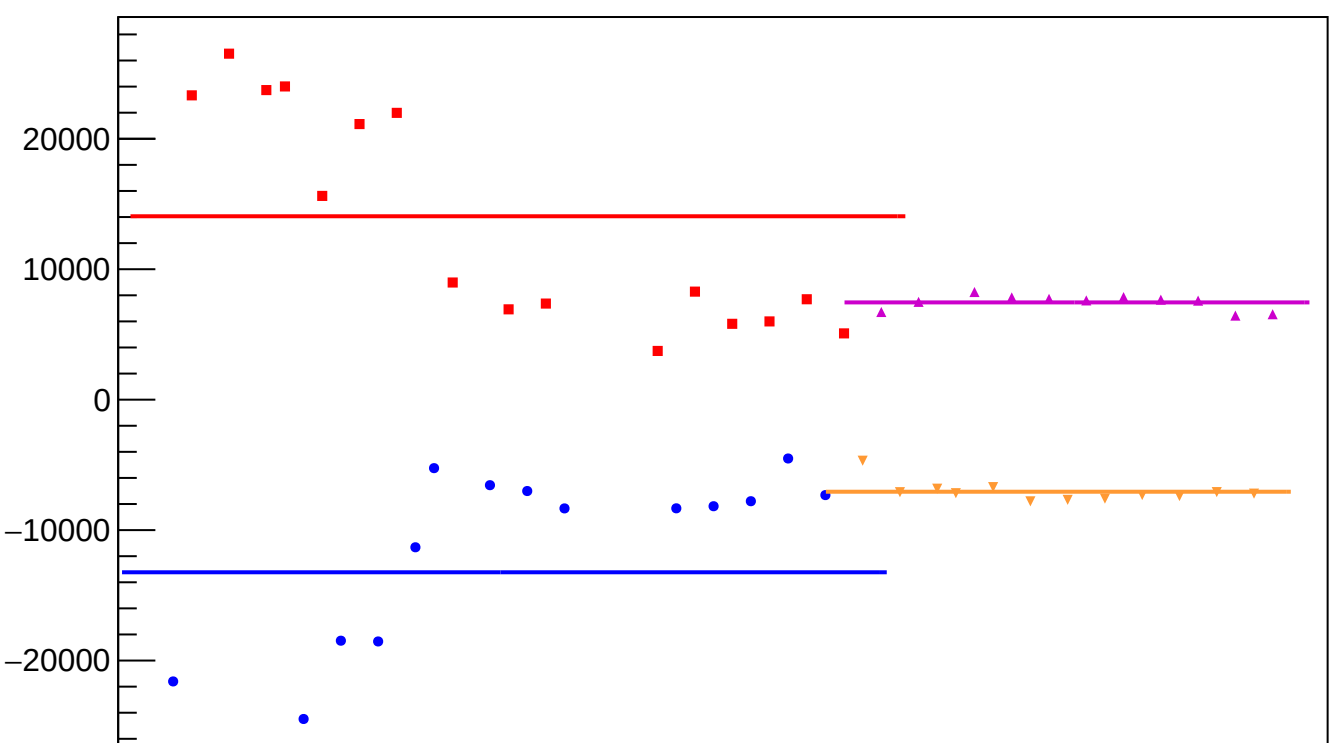
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 238.790+/-0.000 χ^2/NDF: 9764033800523105

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11

In: -1080.099+/-0.000 χ^2/NDF:204729341611961

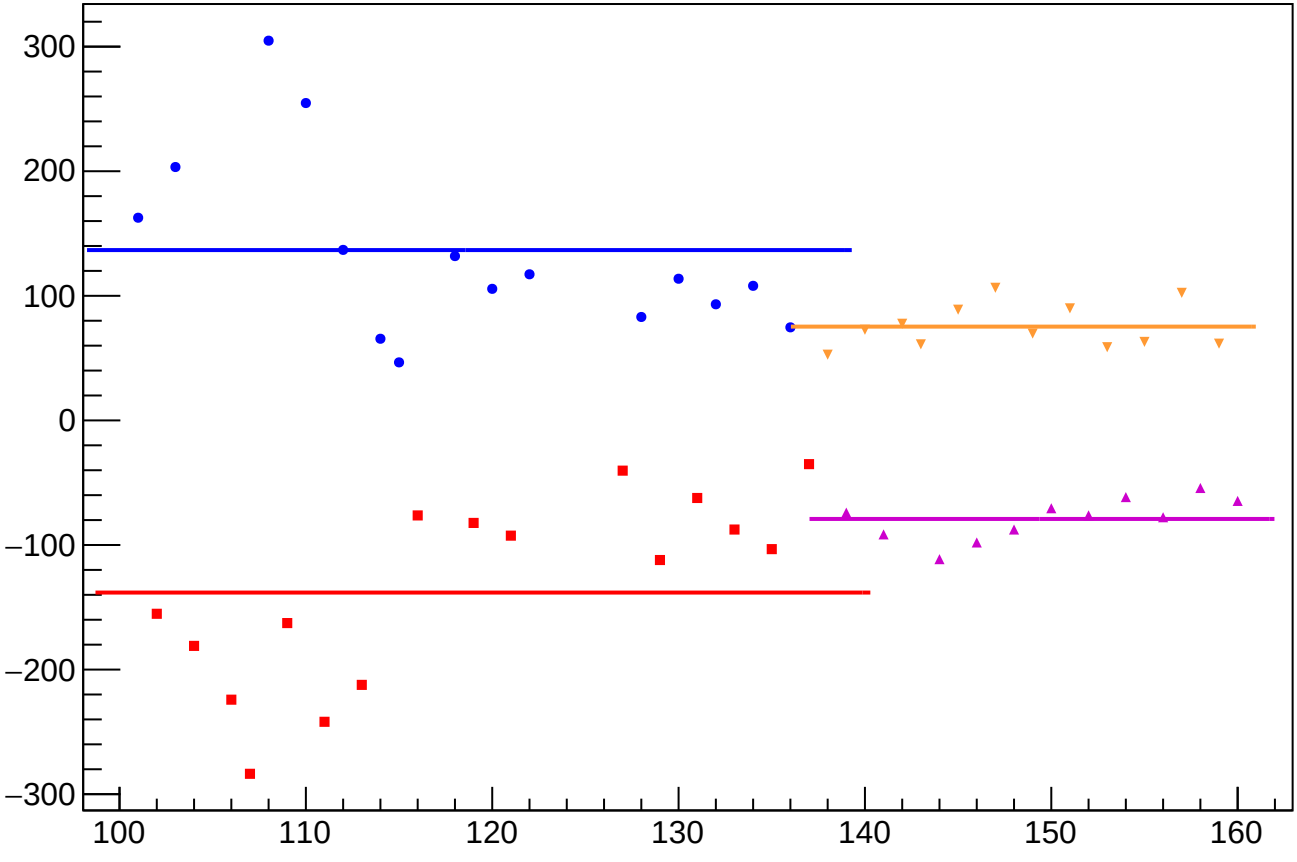
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 1851.692+/-0.000 χ^2/NDF:217018548162785

Left In: 7456.124+/-0.000 χ^2/NDF:284554324589778558842129447316923351040.0/10

All: 389.515+/-0.000 χ^2/NDF: 42852532173 5

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -2.328+/-0.000 χ^2/NDF: 11465996409891891

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

In: 9.943+/-0.000 χ^2/NDF:206859679115450716

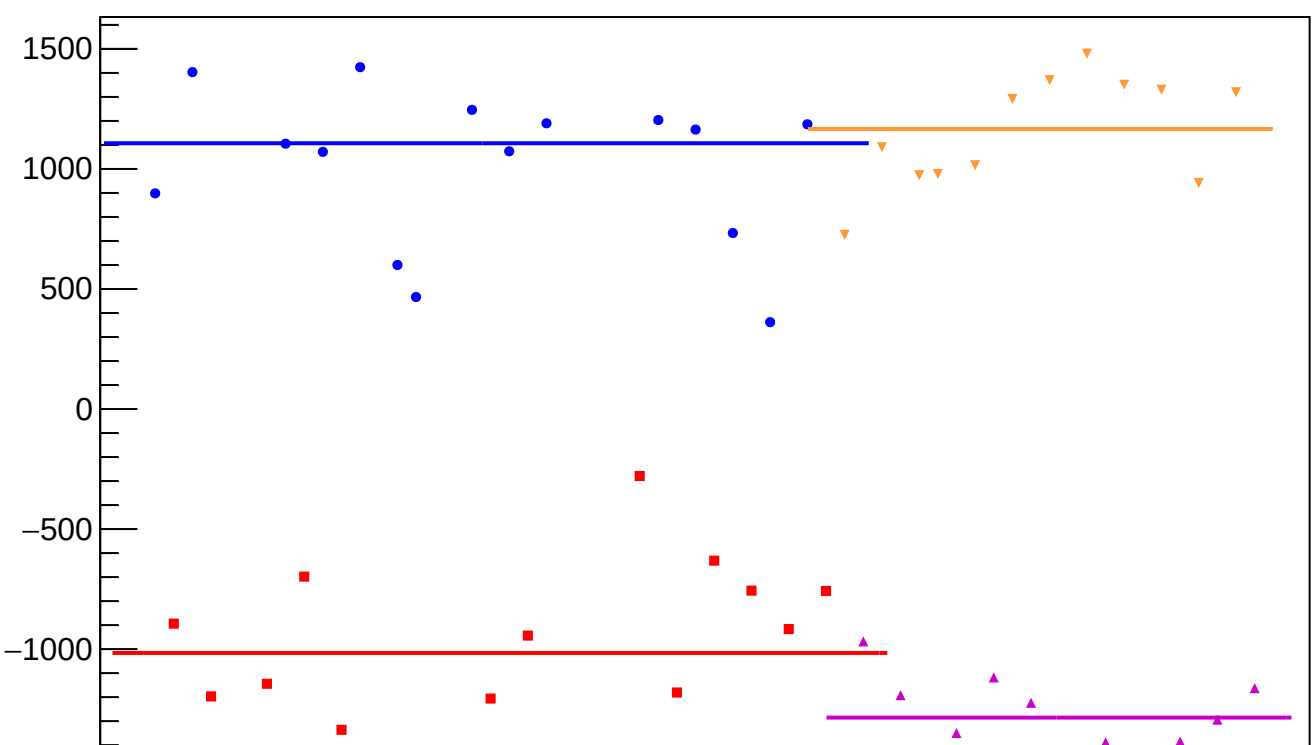
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -14.775+/-0.000 χ^2/NDF:2107233052694088

Left In: -79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

All: -2.448+/-0.000 χ^2/NDF: 4224006616846

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

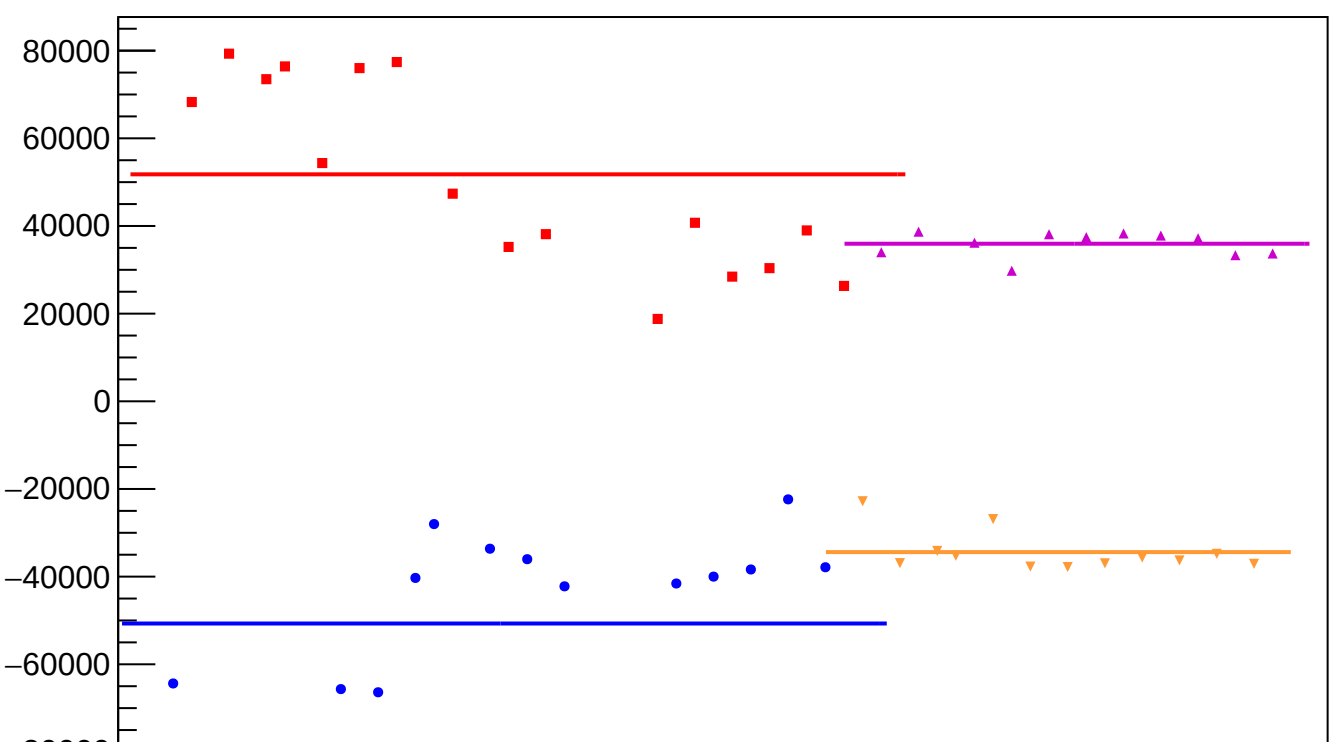
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam2_coil4_mean vs Slug, Sign Corrected



Left: 963.890+/-0.000 χ^2/NDF: 2299689310411856

Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

In: 200.989+/-0.000 χ^2/NDF:30951900584449410

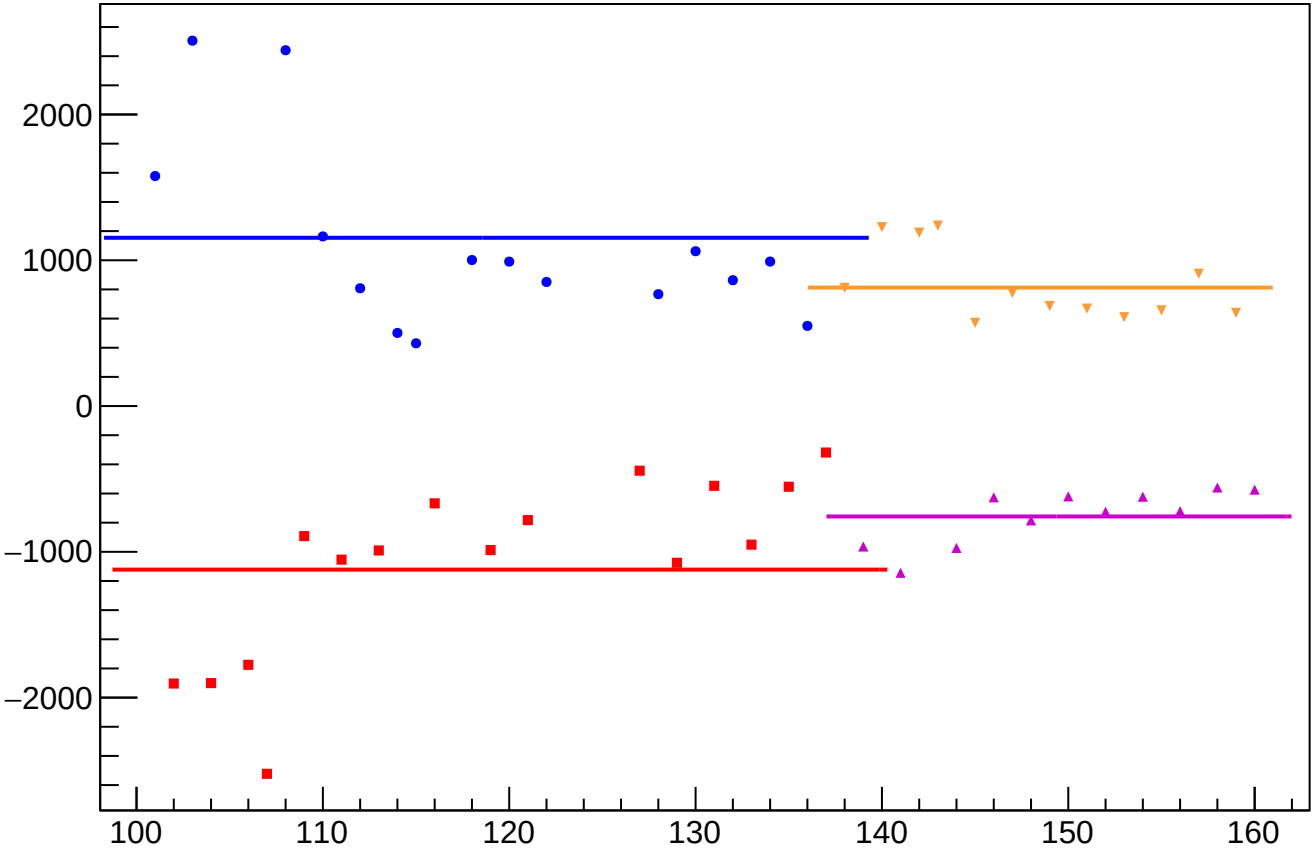
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Out: 1956.998+/-0.000 χ^2/NDF:316504805338211

Left In: 35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

All: 1081.220+/-0.000 χ^2/NDF: 6262669489

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 23.438+/-0.000 χ^2/NDF: 1212663620352067

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946673120 0.0/14

Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3

Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11

In: 31.386+/-0.000 χ^2/NDF:1673522645292724 97

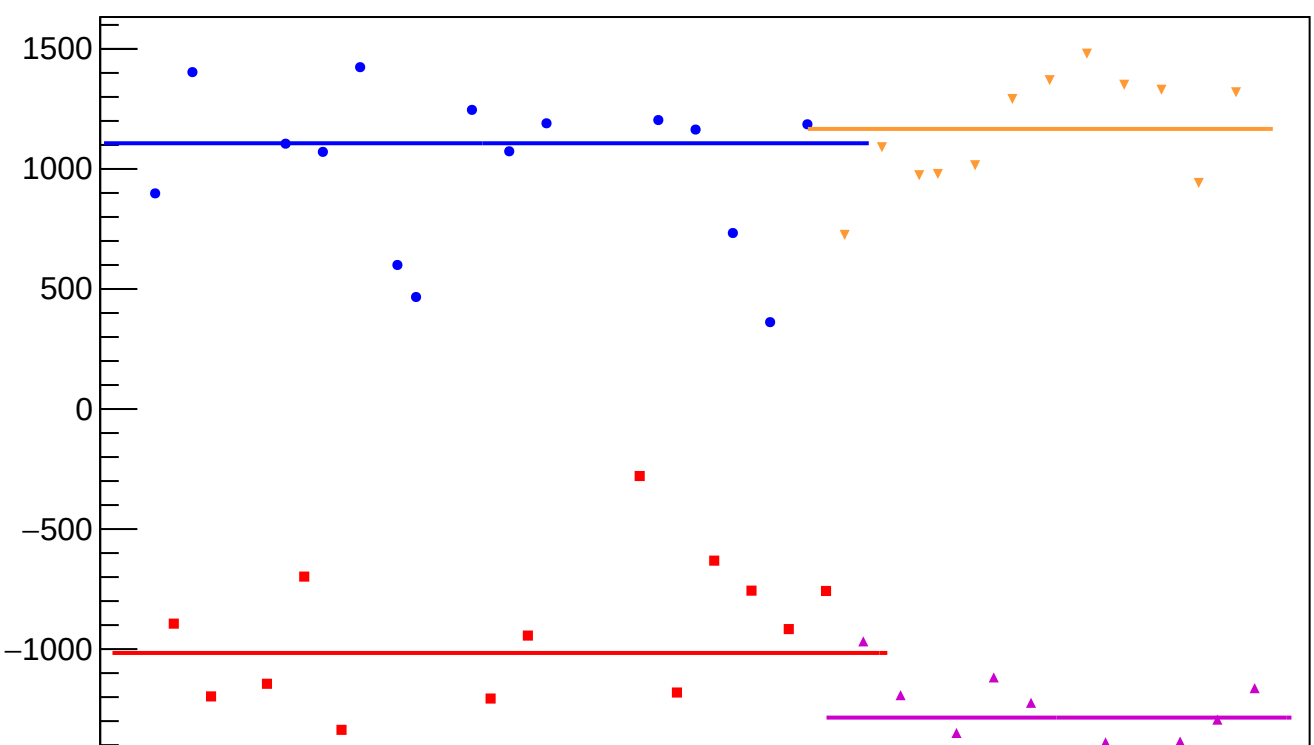
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

Out: -3.453+/-0.000 χ^2/NDF:1718368472550401 6

Left In: -757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

All: 13.922+/-0.000 χ^2/NDF: 3392848168342

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

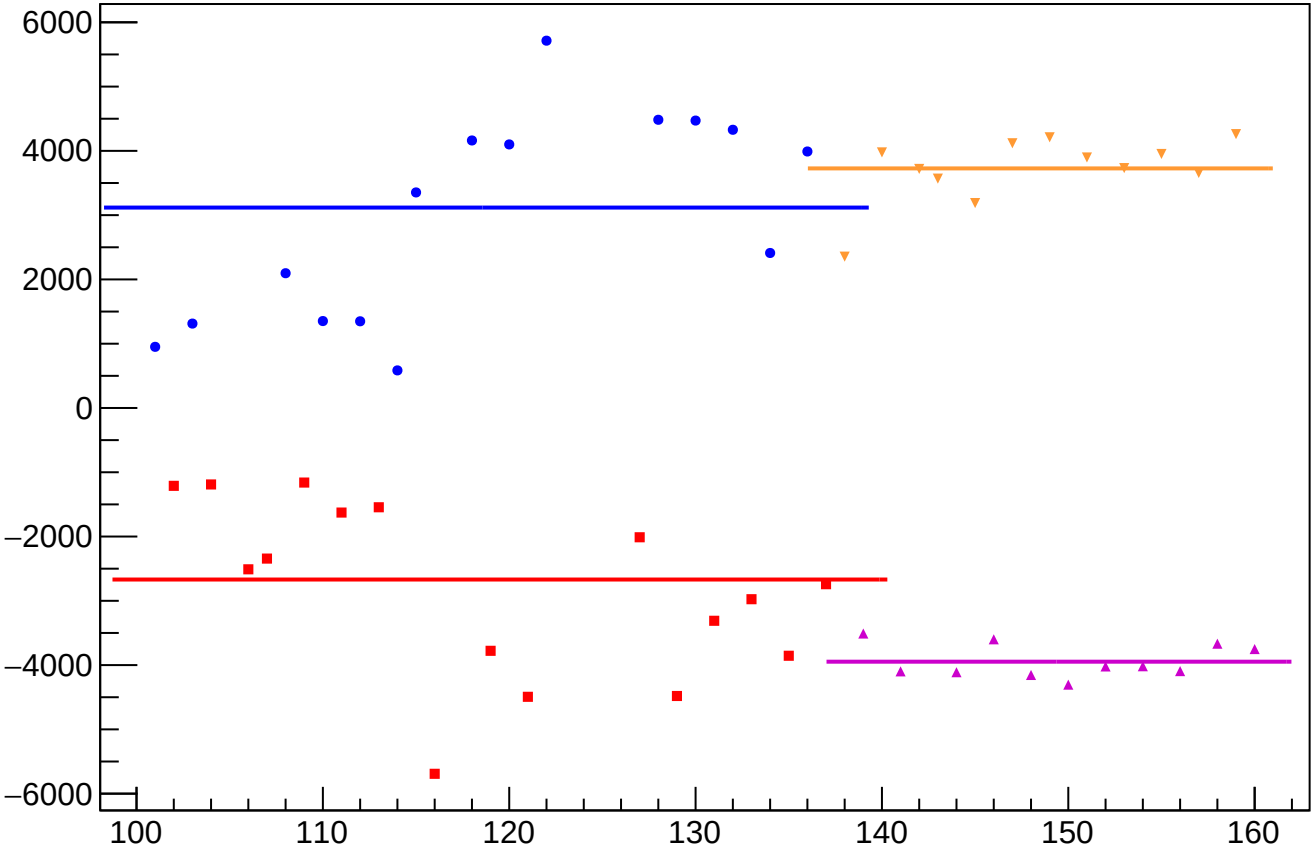
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

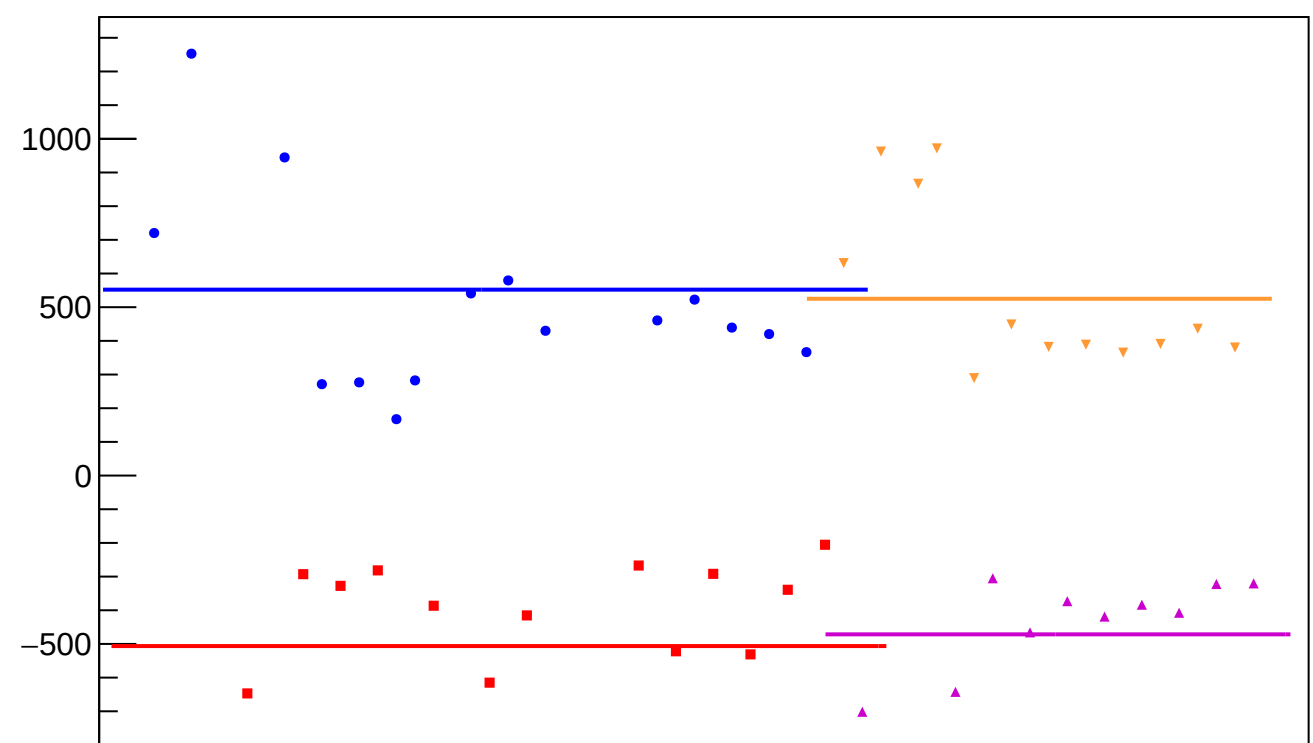
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam3_coil4_mean vs Slug, Sign Corrected



Left: -130.852+/-0.000 χ^2/NDF: 273547154777802
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3727.095+/-0.000 χ^2/NDF:2374776785615428602928258343291857141 76.0/11
In: -1032.132+/-0.000 χ^2/NDF:206383219815957
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: 1028.766+/-0.000 χ^2/NDF:171478919512140
Left In: -3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10
All: 0.930+/-0.000 χ^2/NDF: 4113519037694 5

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 24.011+/-0.000 χ^2/NDF: 5310992125582562

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

In: -49.195+/-0.000 χ^2/NDF:4758944895830543 1

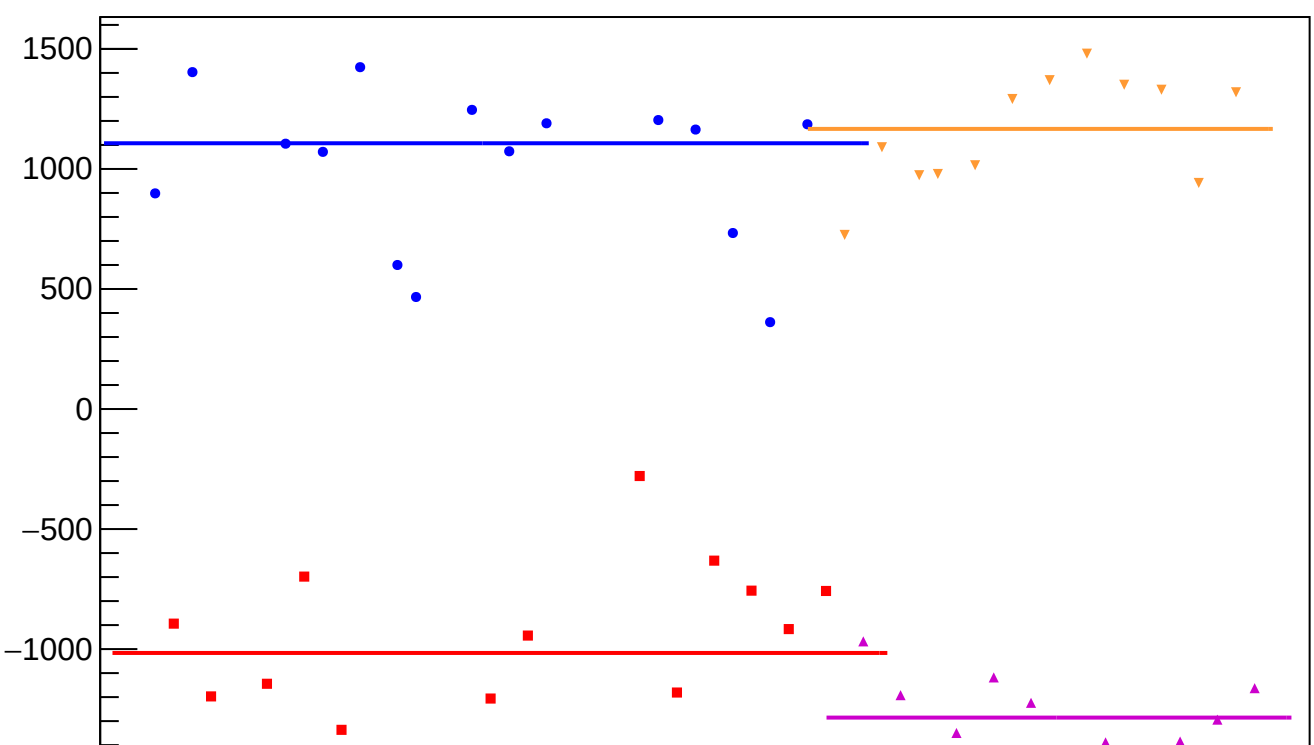
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

Out: 89.882+/-0.000 χ^2/NDF:4964451727515973 4

Left In: -471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

All: 20.520+/-0.000 χ^2/NDF: 9875911626514

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

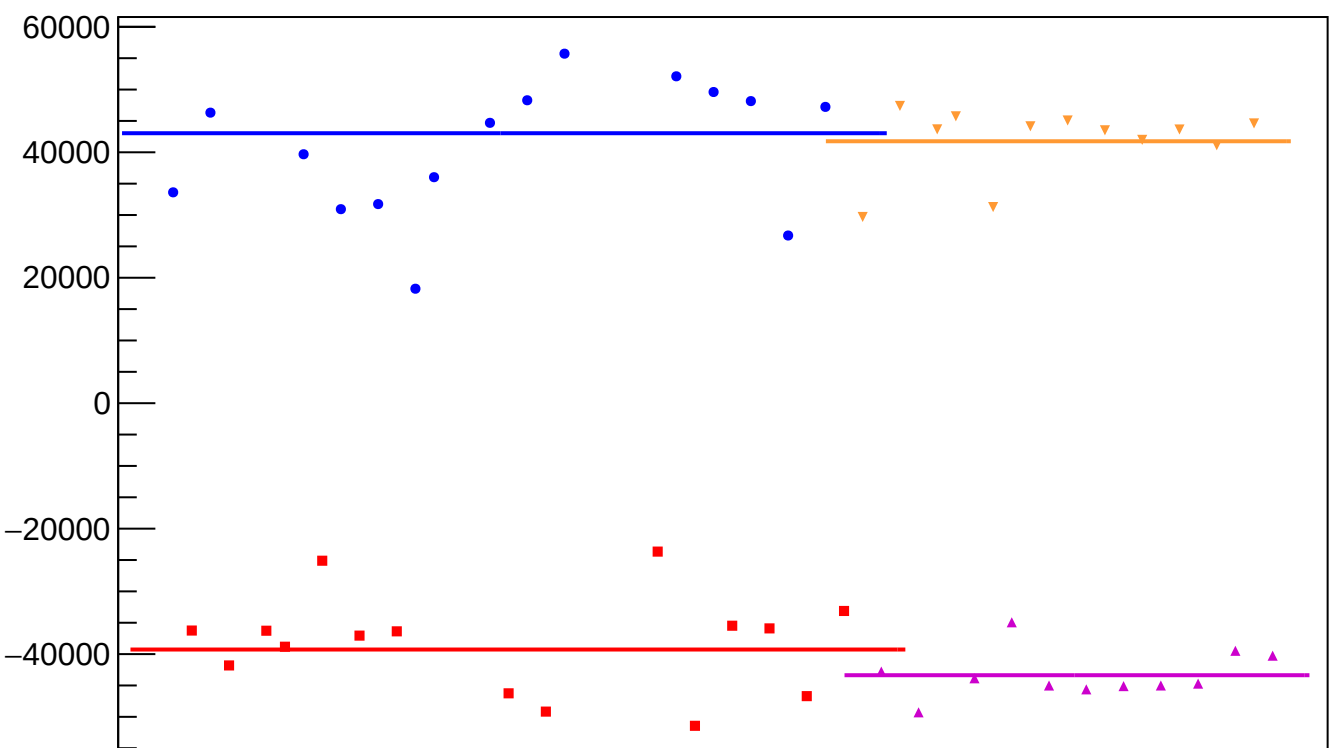
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

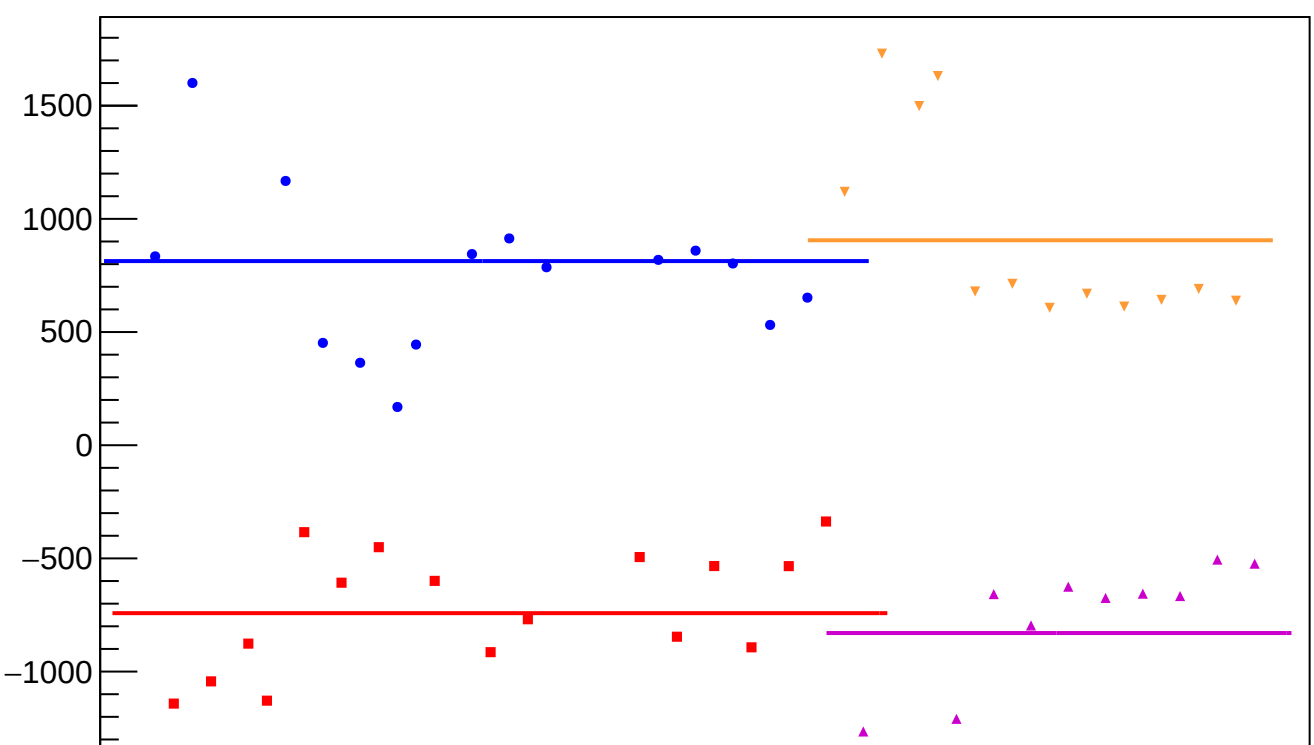
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam4_coil4_mean vs Slug, Sign Corrected



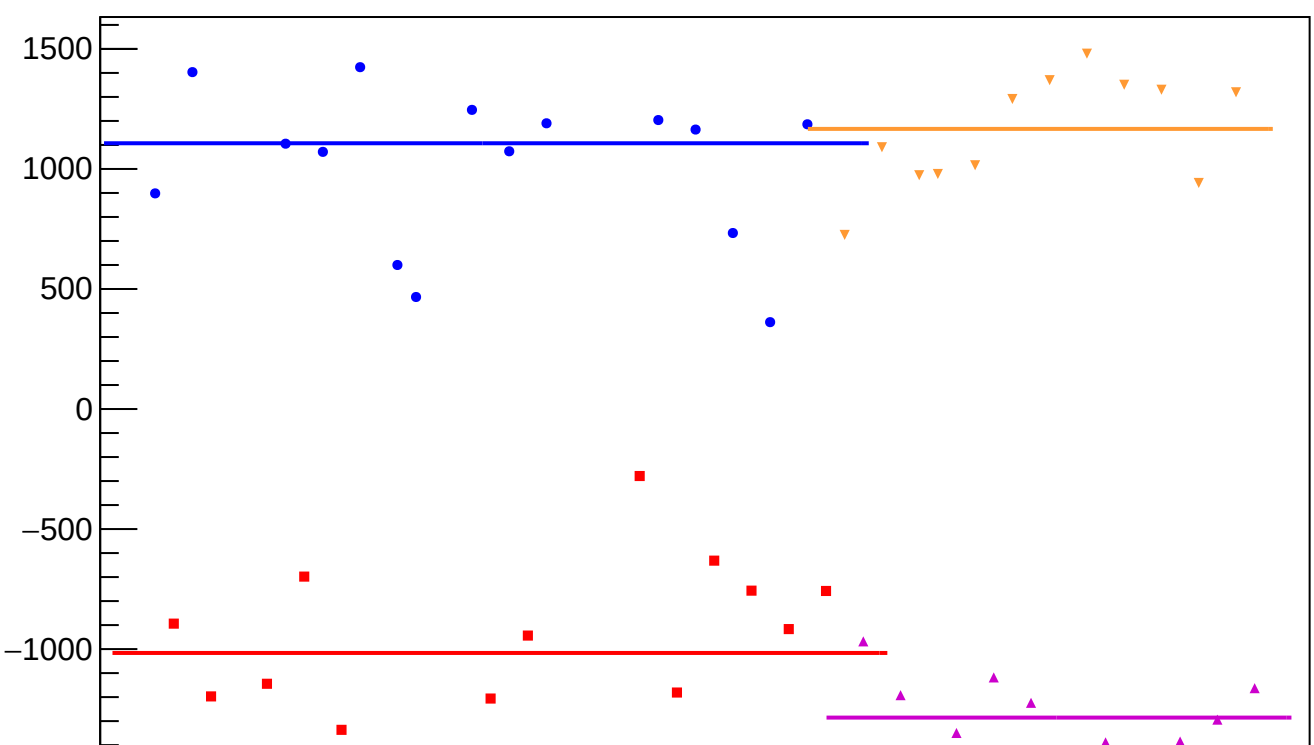
Left: -1034.394+/-0.000 χ^2/NDF: 33680407028688
Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14
Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556
Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11
In: -7715.351+/-0.000 χ^2/NDF:290679667494142
Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15
Out: 7574.385+/-0.000 χ^2/NDF:26099548855296 3
Left In: -43364.892+/-0.000 χ^2/NDF:12209695723681592241000188414954802511872.0/10
All: -51.092+/-0.000 χ^2/NDF: 570108278214

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 33.114+/-0.000 χ^2/NDF: 1630992199286055
Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14
Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984
Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11
In: -151.745+/-0.000 χ^2/NDF:1192581949846065
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15
Out: 210.415+/-0.000 χ^2/NDF:1242037289977298
Left In: -829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10
All: 29.794+/-0.000 χ^2/NDF: 2538038020154

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

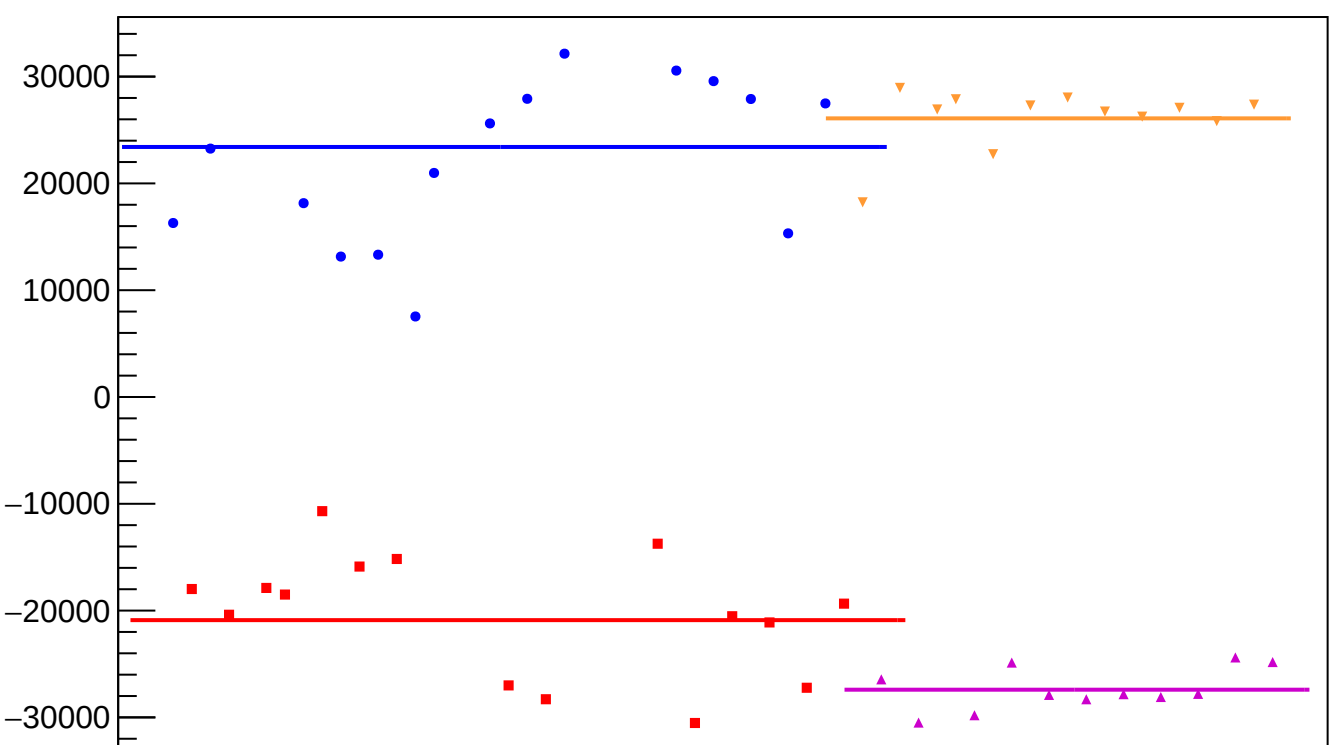
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

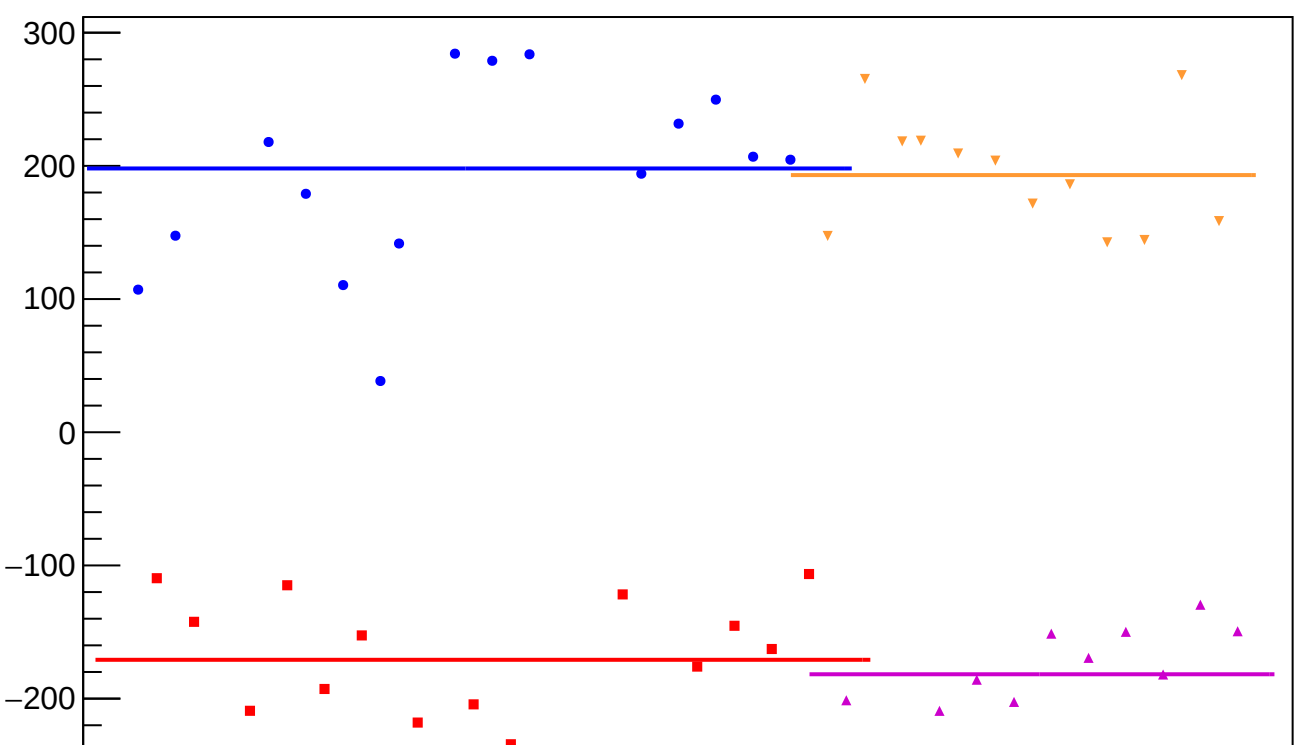
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: -804.440+/-0.000 χ^2/NDF: 132562233817018
Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14
Right: 955.690+/-0.000 χ^2/NDF: 701538889846229
Left Out: 26089.435+/-0.000 χ^2/NDF:729747469732523123463306036407548510208 0.0/11
In: -6440.074+/-0.000 χ^2/NDF:101629631311626
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15
Out: 6267.782+/-0.000 χ^2/NDF:885907084318419
Left In: -27407.255+/-0.000 χ^2/NDF:332265985886609385842655745683846542131 2.0/10
All: -70.029+/-0.000 χ^2/NDF: 202953713345

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 4.667+/-0.000 χ^2/NDF: 674560123353217064

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 193.084+/-0.000 χ^2/NDF:16827497054399498811225119123895746 56.0/11

In: -25.024+/-0.000 χ^2/NDF:58693744329544084

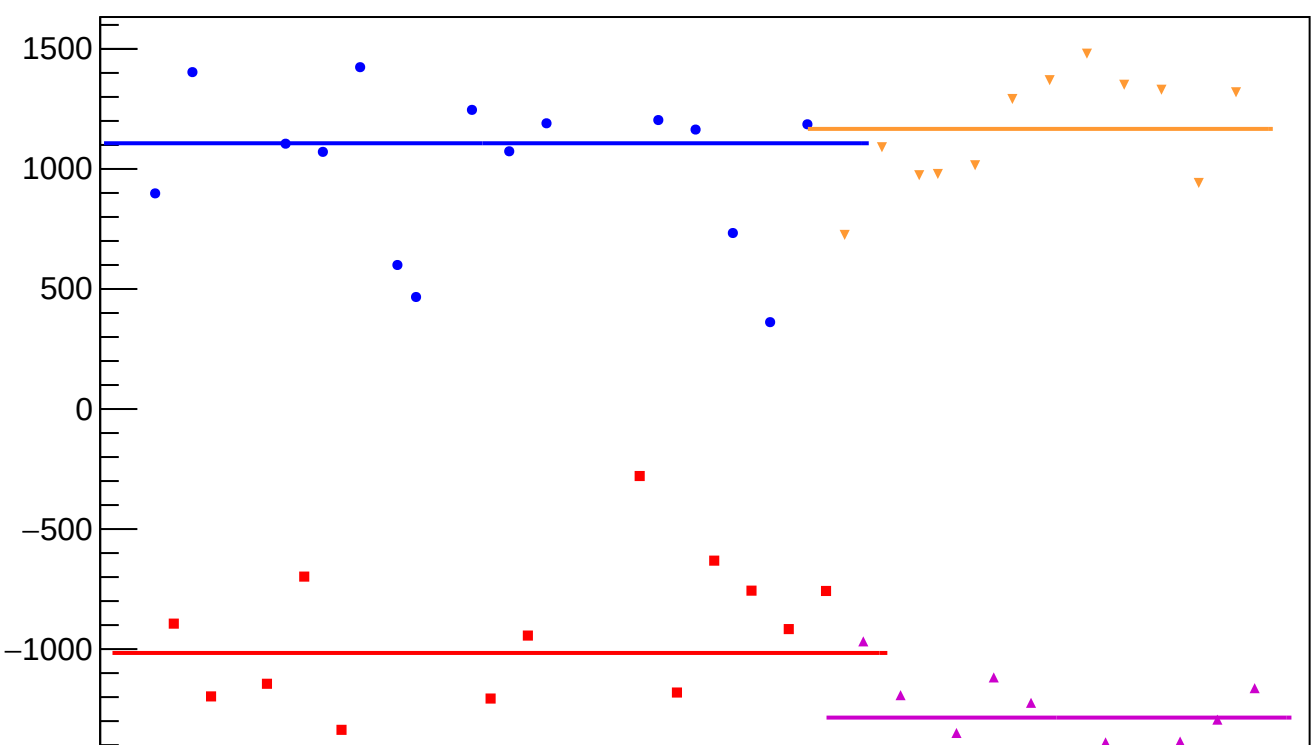
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 39.545+/-0.000 χ^2/NDF:5417369983342224 0

Left In: -181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

All: 7.342+/-0.000 χ^2/NDF: 1161548333893 3

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

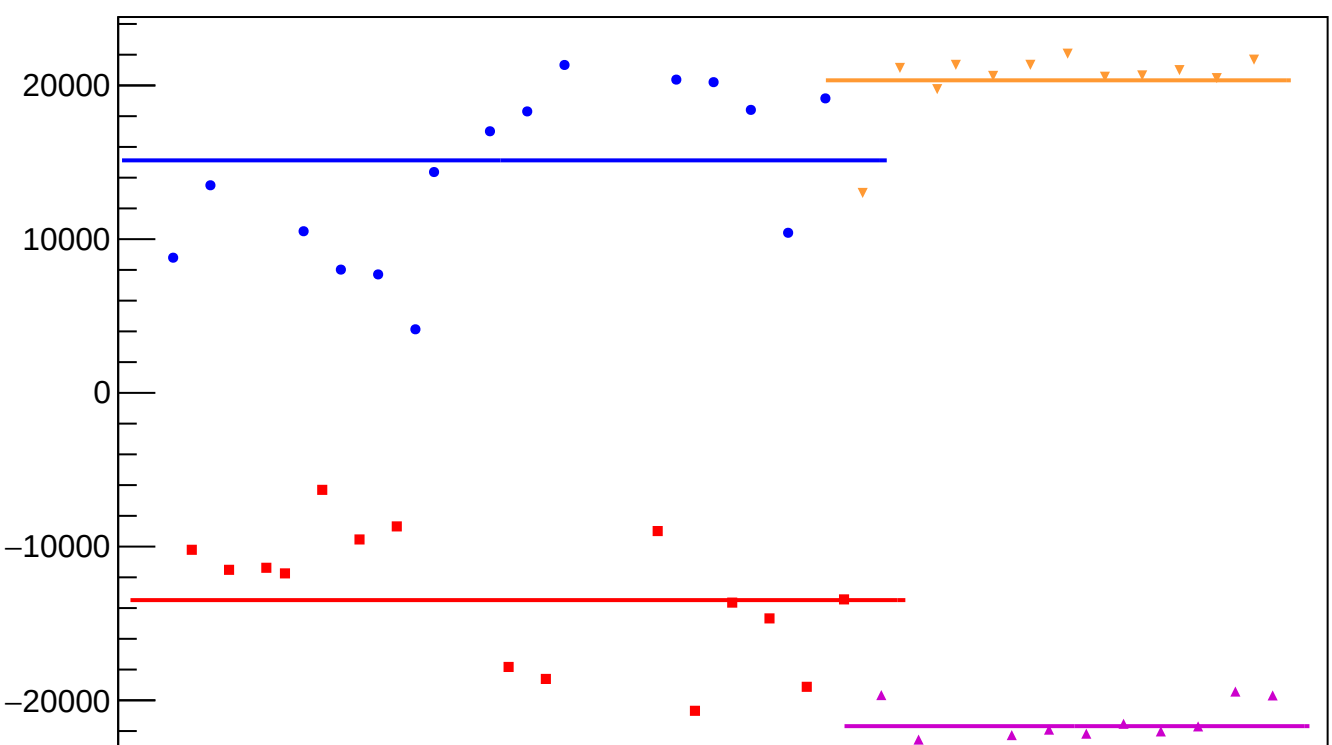
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -788.384+/-0.000 χ^2/NDF: 818050900657899

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 20333.061+/-0.000 χ^2/NDF:48559492257769427632268539403690542366 72.0/11

In: -6495.105+/-0.000 χ^2/NDF:535200786769425

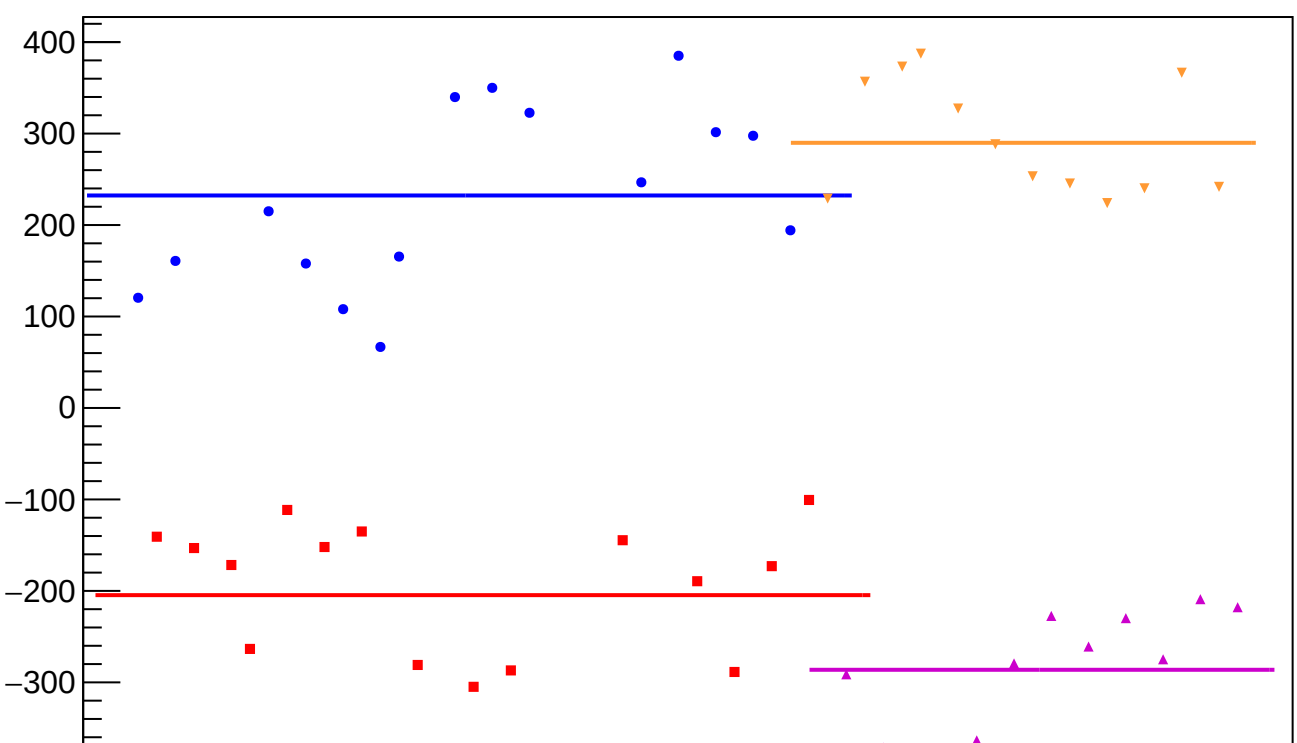
Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Out: 6066.895+/-0.000 χ^2/NDF:461693454041098

Left In: -21681.241+/-0.000 χ^2/NDF:21088745736492026217115303328663103078 40.0/10

All: -198.174+/-0.000 χ^2/NDF: 11213217633

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: 0.258+/-0.000 χ^2/NDF: 15979207429454940

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

In: -72.296+/-0.000 χ^2/NDF:1120593523340345

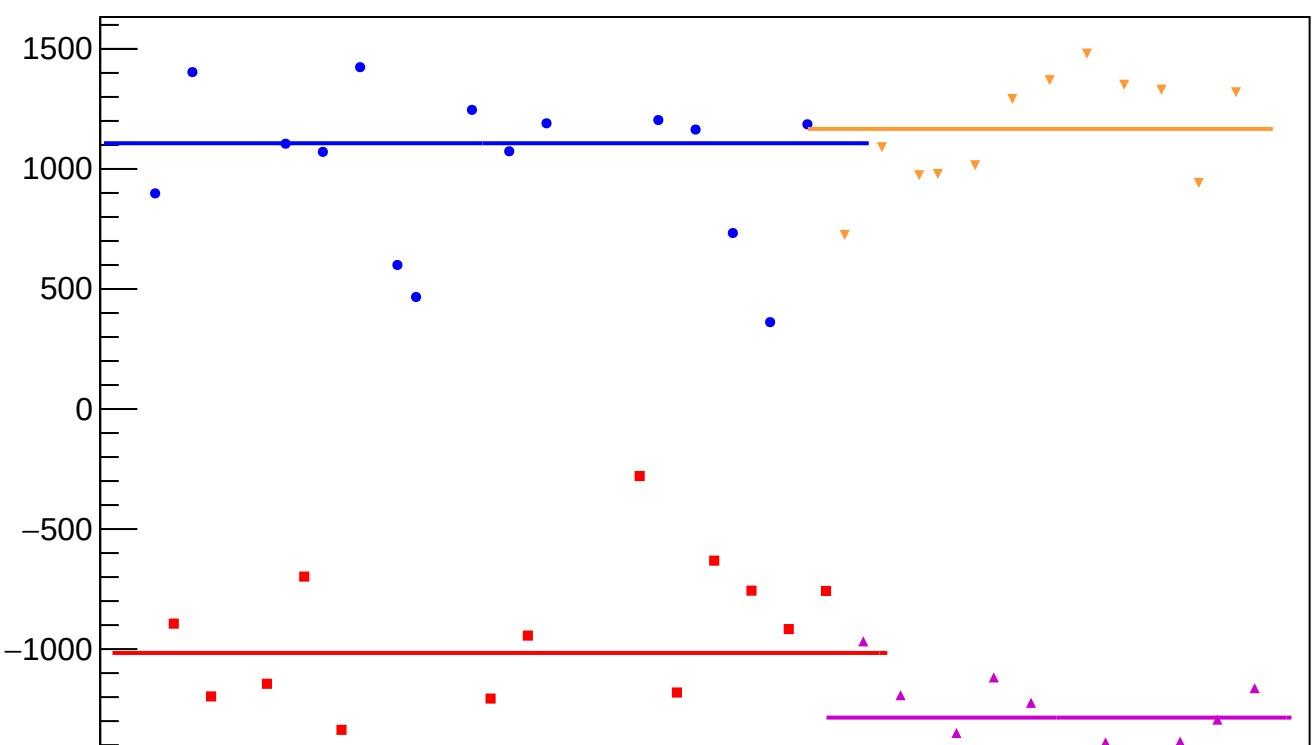
Right Out: -204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

Out: 81.261+/-0.000 χ^2/NDF:10206210507018627

Left In: -286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

All: 4.677+/-0.000 χ^2/NDF: 2327138069389

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

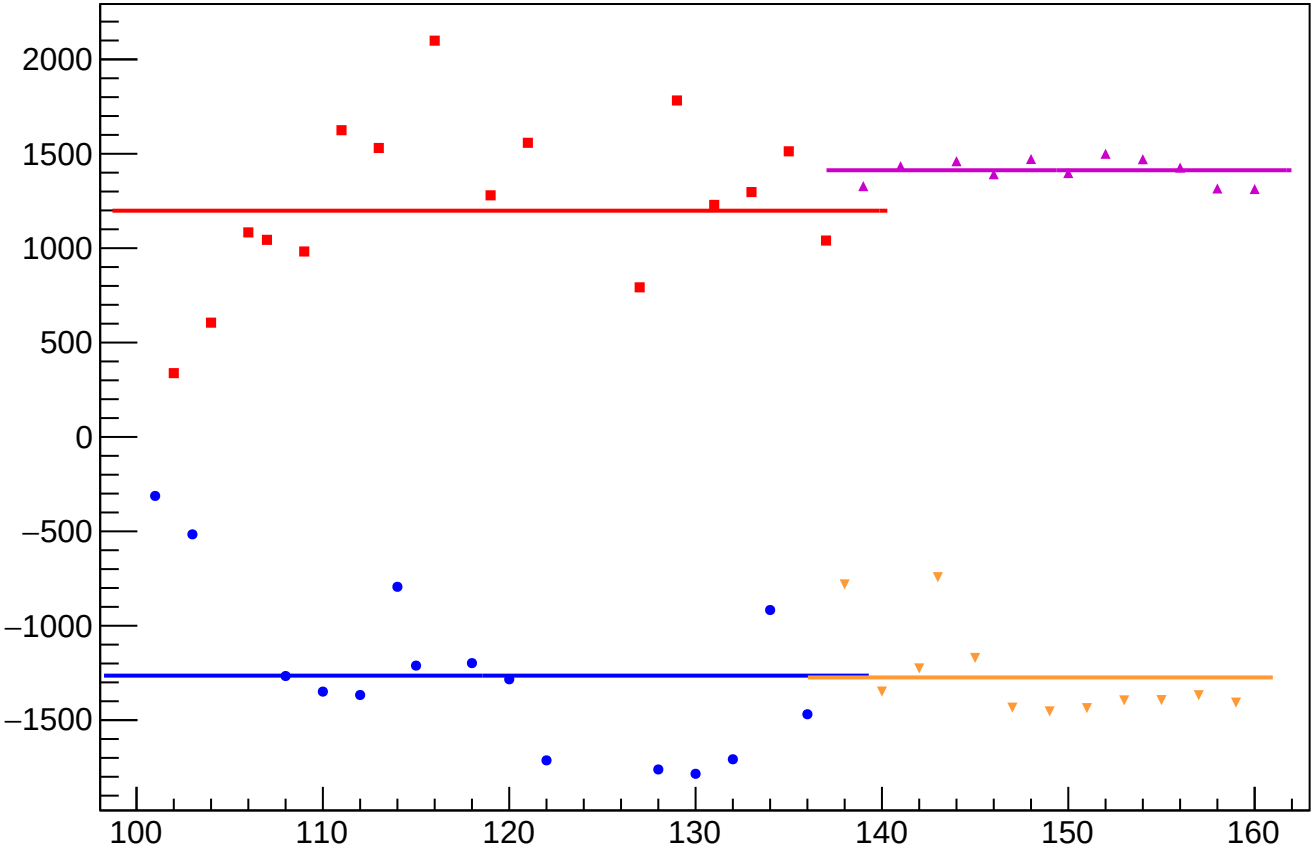
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

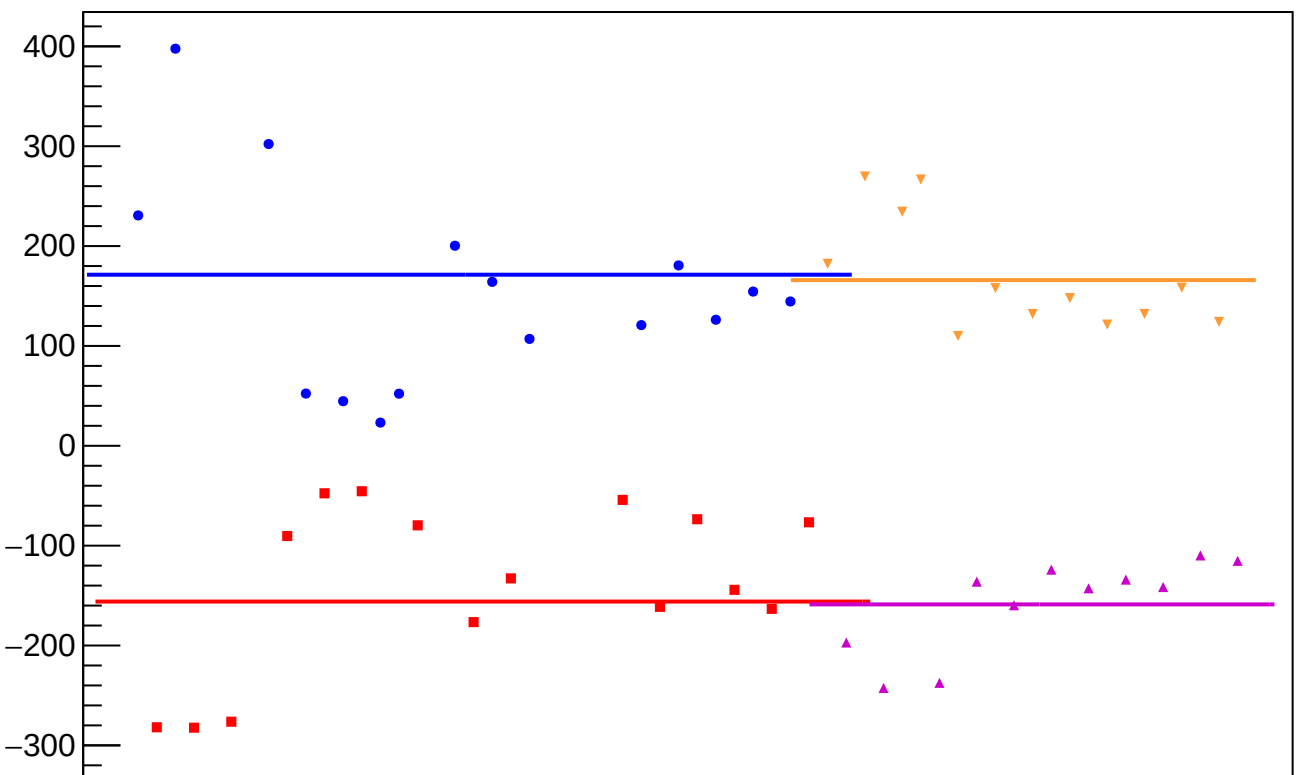
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam7_coil4_mean vs Slug, Sign Corrected



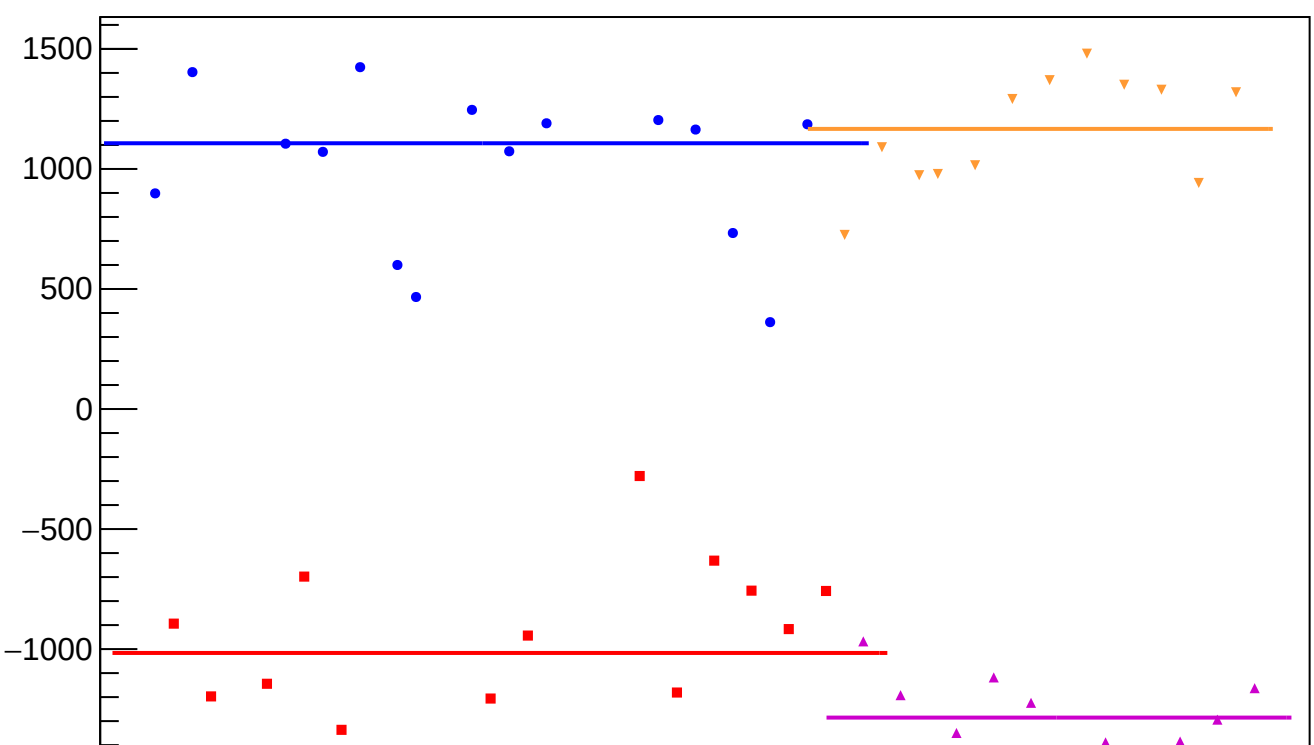
Left: 76.739+/-0.000 χ^2/NDF: 3370855271105765
Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
In: 308.244+/-0.000 χ^2/NDF:2876034416148533
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
Out: -230.846+/-0.000 χ^2/NDF:253877034127960
Left In: 1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10
All: 38.016+/-0.000 χ^2/NDF: 564395559572

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Left: 2.658+/-0.000 χ^2/NDF: 52887146607469280
Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14
Right: 5.426+/-0.000 χ^2/NDF: 47042708197761076
Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11
In: -22.615+/-0.000 χ^2/NDF:49529612486075617
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15
Out: 30.108+/-0.000 χ^2/NDF:48214291769809933
Left In: -158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10
All: 3.813+/-0.000 χ^2/NDF: 99935728912409

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

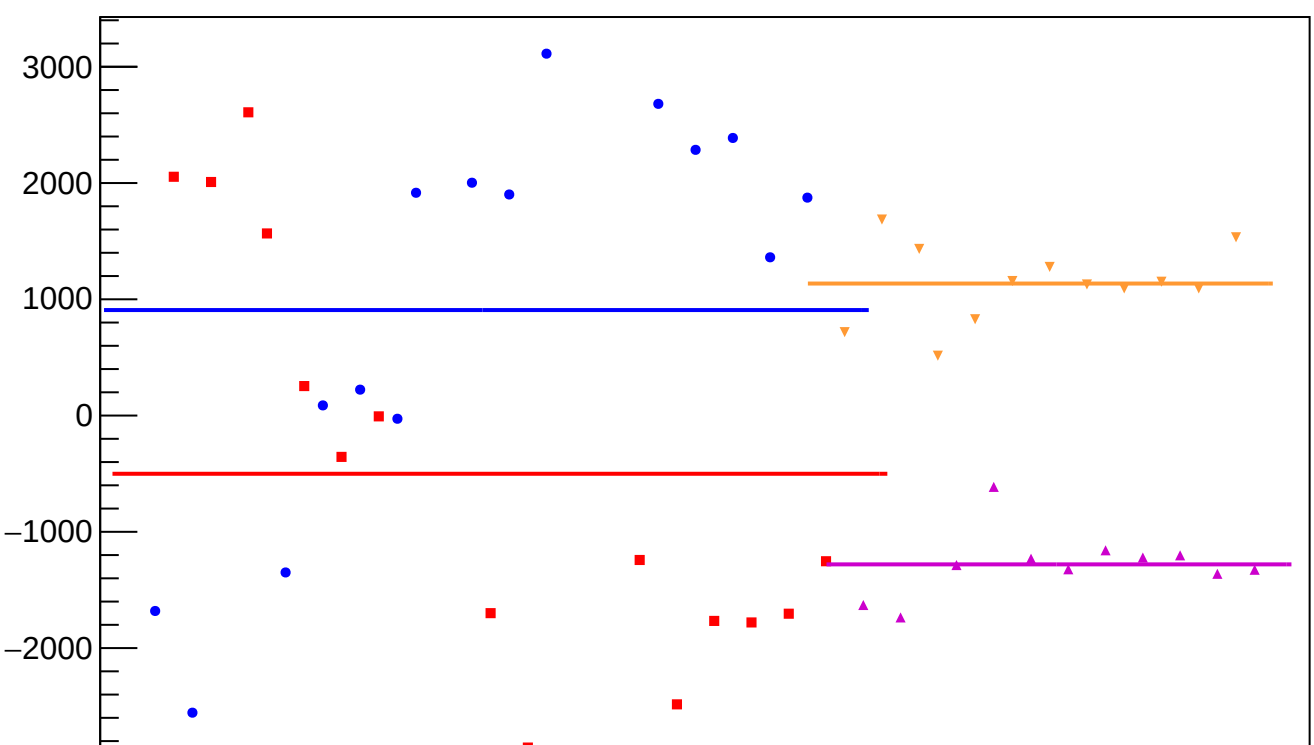
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -78.814+/-0.000 χ^2/NDF: 2838993659503494

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11

In: -377.486+/-0.000 χ^2/NDF:3998973168088028

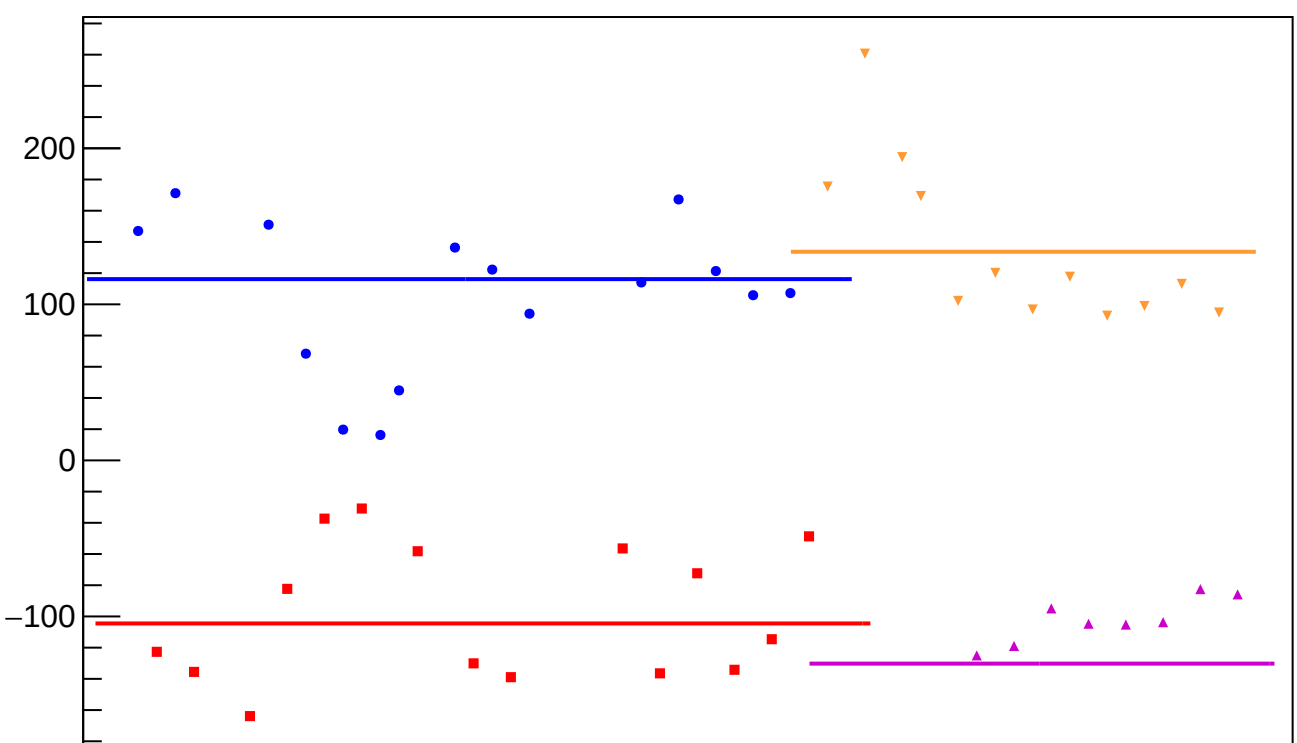
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 445.222+/-0.000 χ^2/NDF:319700162996565 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

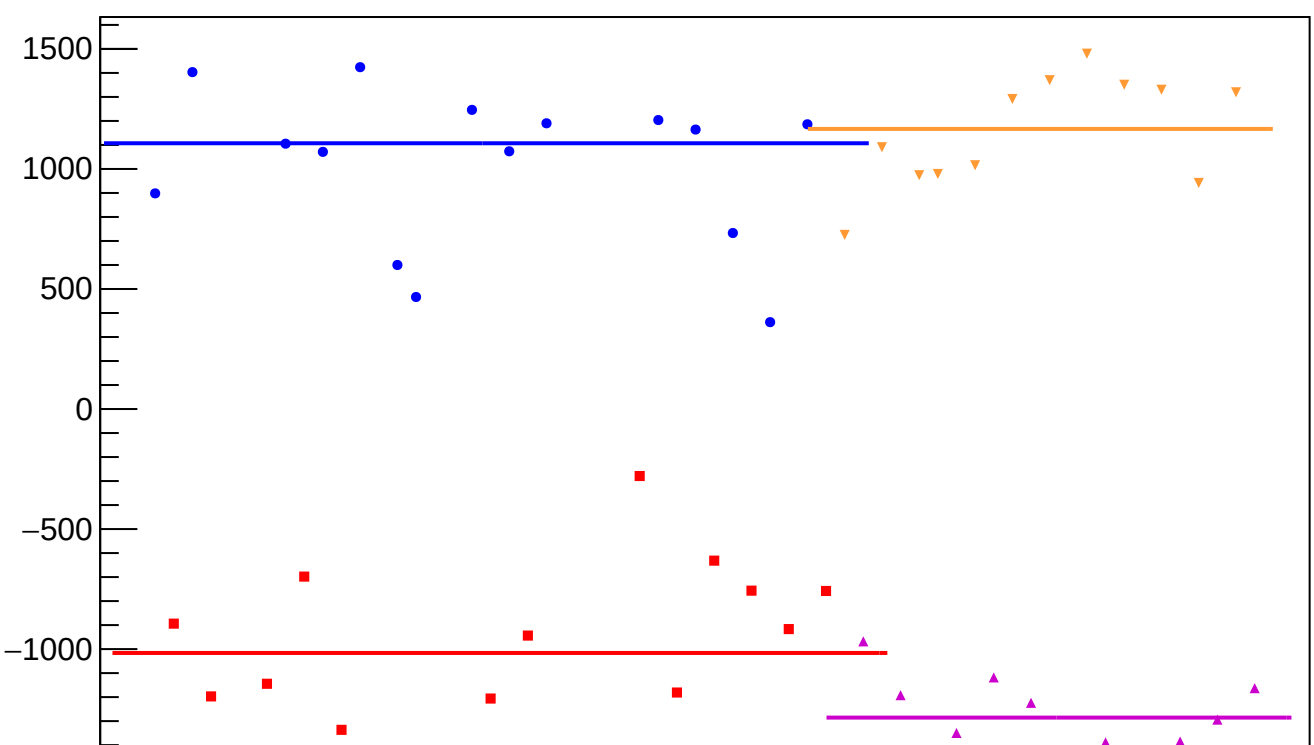
All: 34.911+/-0.000 χ^2/NDF: 7729666433906

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 1.011+/-0.000 χ^2/NDF: 36308944838533435
Right In: 116.159+/-0.000 χ^2/NDF: 11985264274851997853965041272881152 00.0/14
Right: 4.320+/-0.000 χ^2/NDF: 1850075643090107 2
Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11
In: -28.577+/-0.000 χ^2/NDF:2631219864745966 1
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15
Out: 33.204+/-0.000 χ^2/NDF:2549629849593312 0
Left In: -130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10
All: 2.392+/-0.000 χ^2/NDF: 5481809749299 9

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

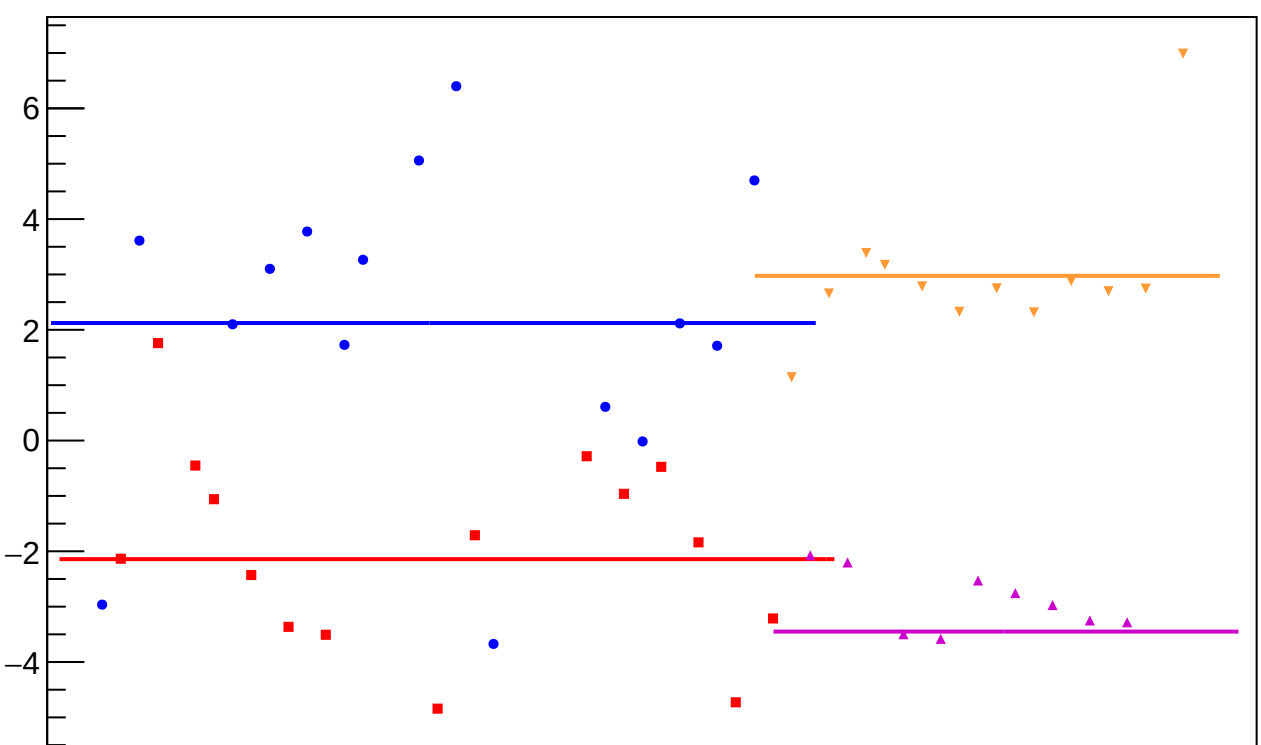
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

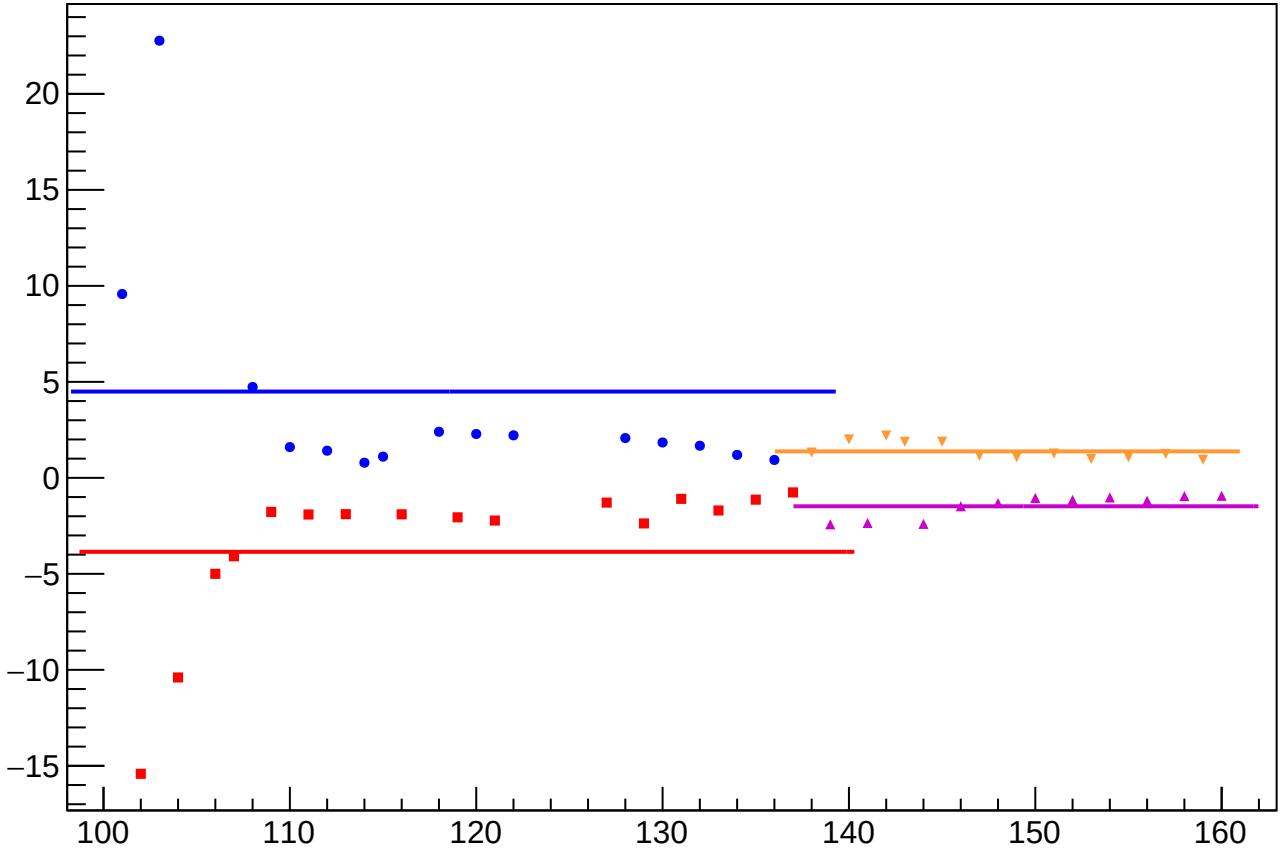
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: -0.255+/-0.000 χ^2/NDF: 2217681353185582
Right In: 2.123+/-0.000 χ^2/NDF: 5263705922821075971022013849403392.0/14
Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569
Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11
In: -1.151+/-0.000 χ^2/NDF:186566302459324539
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15
Out: 0.817+/-0.000 χ^2/NDF:142230420380905144
Left In: -3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10
All: -0.165+/-0.000 χ^2/NDF: 3593171973560

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

Left In: -1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

Left: -0.059+/-0.000 χ^2/NDF: 4221338809733583 2

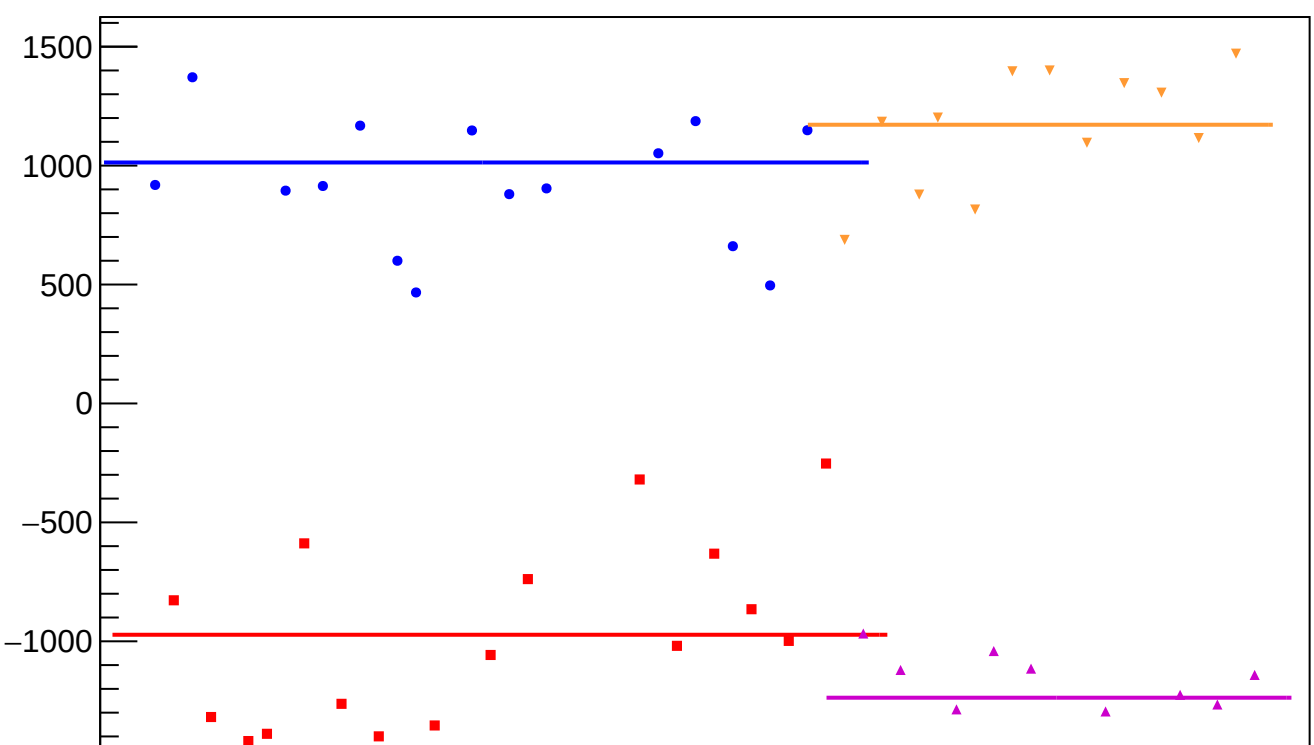
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 0.984+/-0.000 χ^2/NDF:391989386496345964 4

Out: -0.828+/-0.000 χ^2/NDF:2301887881616390 2

All: 0.076+/-0.000 χ^2/NDF: 6480733516241 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

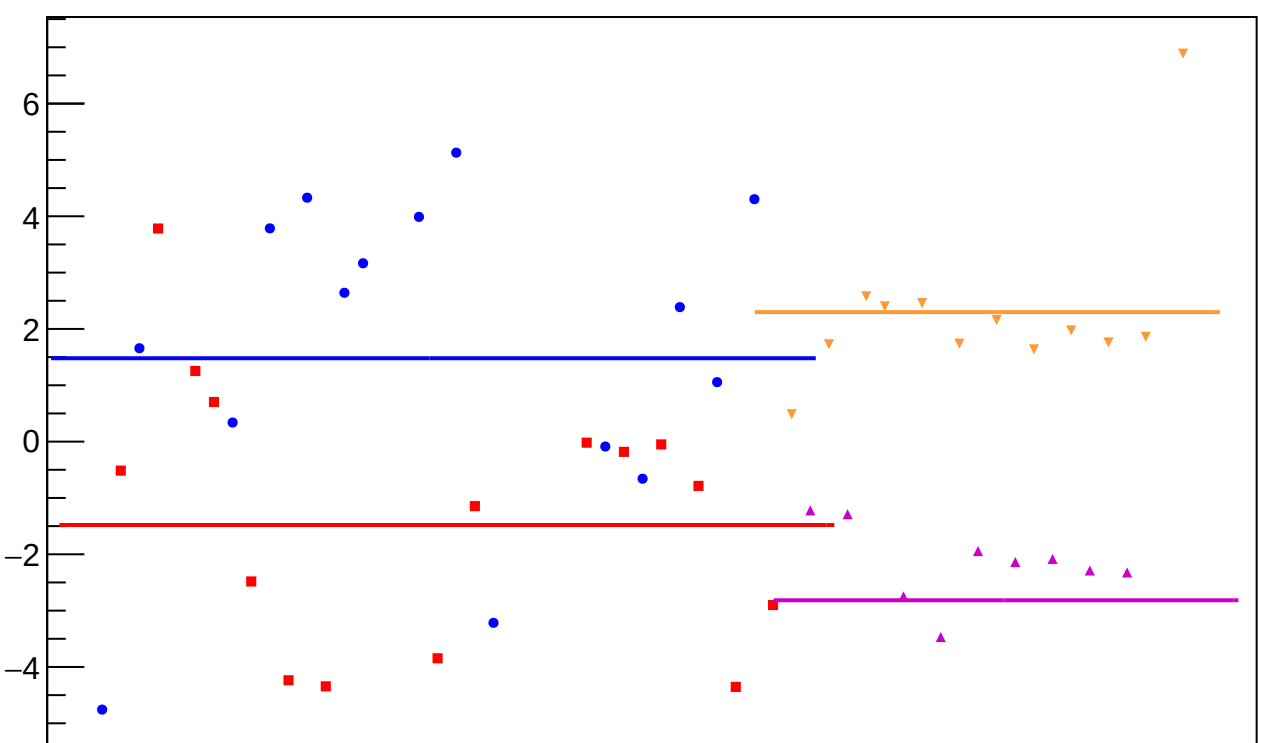
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: -0.273+/-0.000 χ^2/NDF: 16328800028734705

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 2.298+/-0.000 χ^2/NDF:207987099173978046259333480369356 8.0/11

In: -1.044+/-0.000 χ^2/NDF:150671870172542634

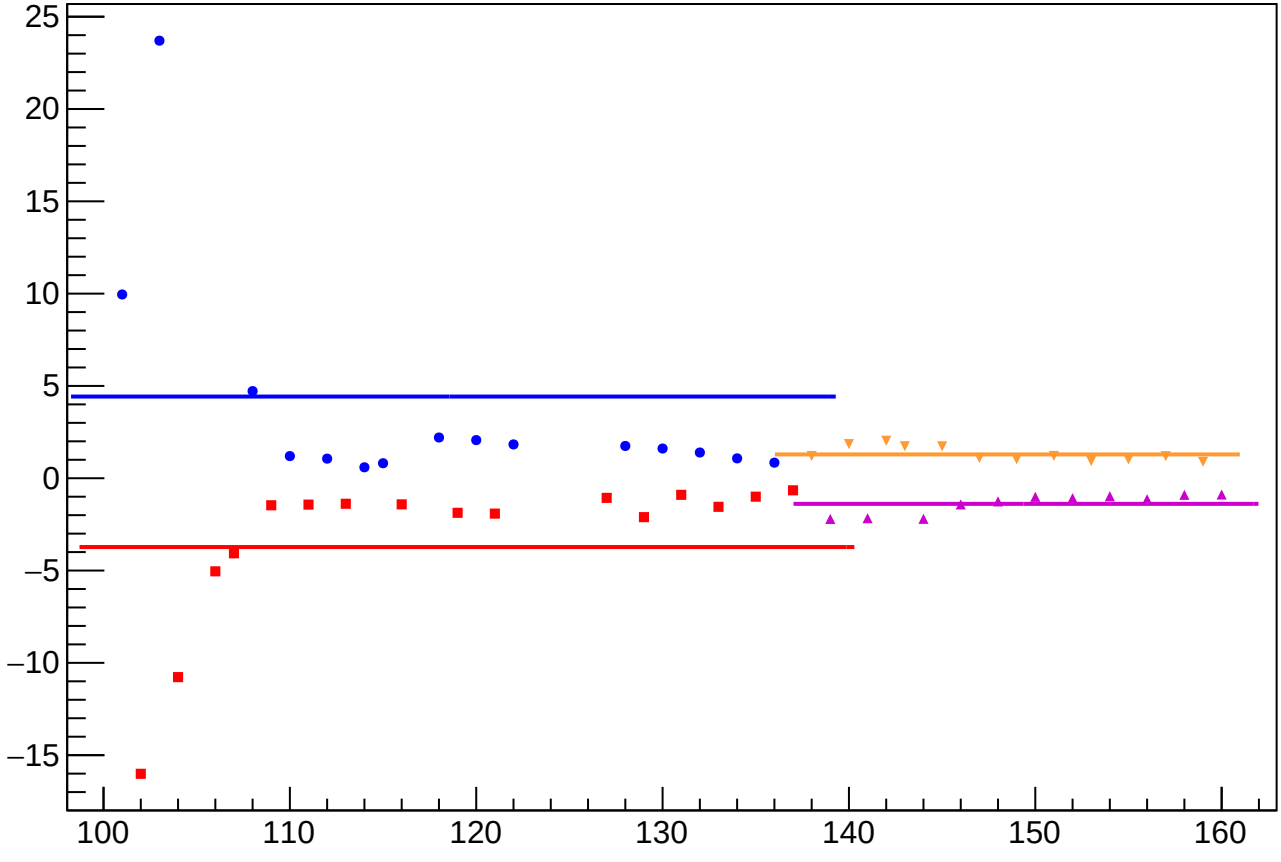
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: 0.704+/-0.000 χ^2/NDF:116768203154190595

Left In: -2.816+/-0.000 χ^2/NDF:223079023457958178188476021945139 2.0/10

All: -0.168+/-0.000 χ^2/NDF: 2915247501265

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Left Out: 1.291+/-0.000 χ^2/NDF:1192017256184521909174903242752 00.0/11

Right Out: -3.727+/-0.000 χ^2/NDF: 1399181681474984251979428485346 0992.0/15

Left In: -1.387+/-0.000 χ^2/NDF:2453812059137343689478295613603 84.0/10

Left: -0.056+/-0.000 χ^2/NDF: 36599109111417461

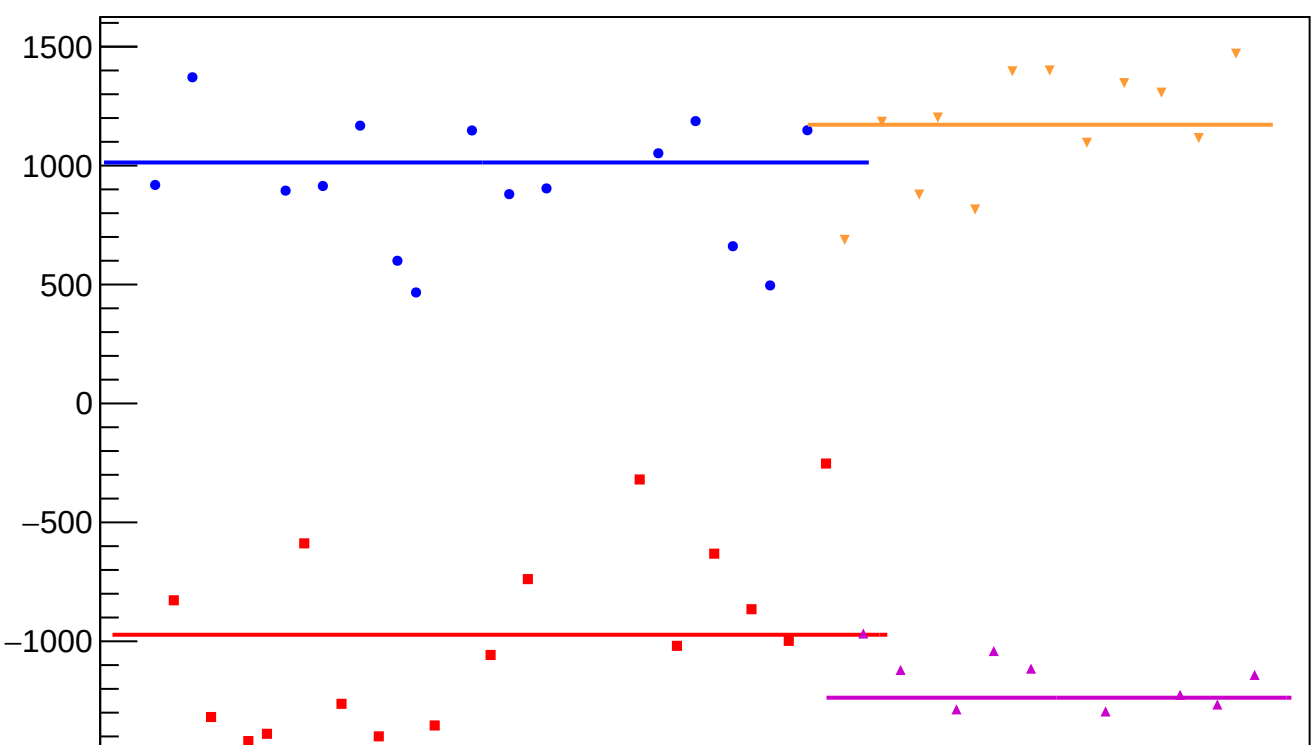
Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

In: 1.011+/-0.000 χ^2/NDF:4137923473893372080

Out: -0.826+/-0.000 χ^2/NDF:2382007871532663 3

All: 0.090+/-0.000 χ^2/NDF: 6785950193178 3

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

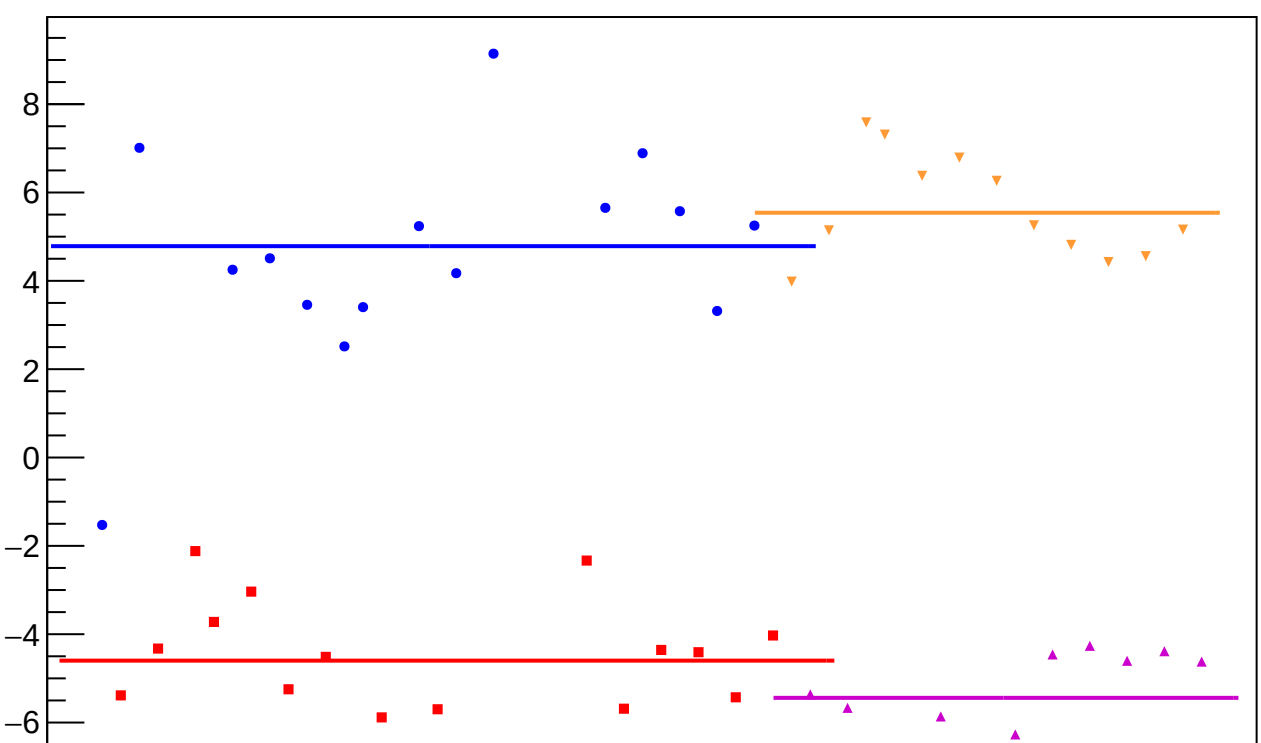
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

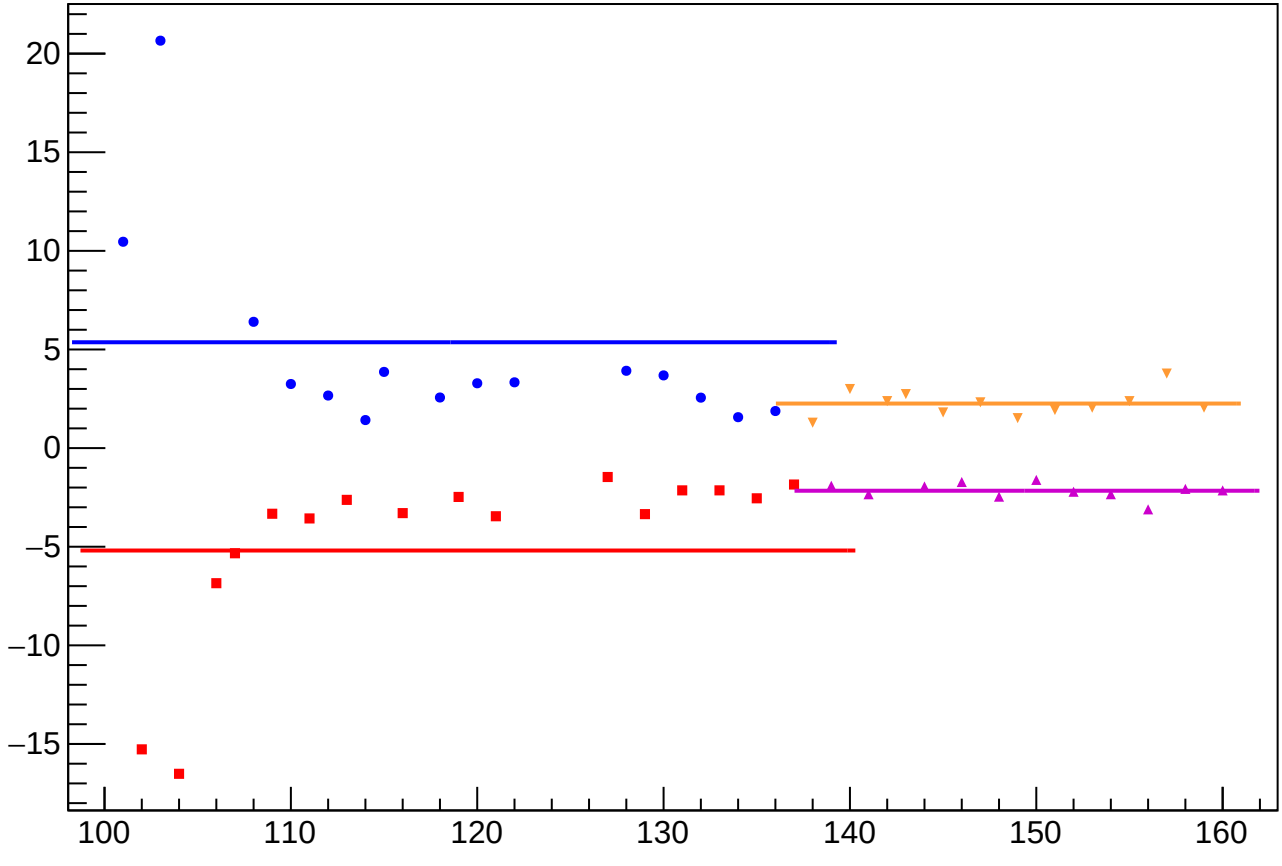
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 57456947506908561
Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4,0/14
Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2
Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136,0/11
In: -1.222+/-0.000 χ^2/NDF:448312824685683470
Right Out: -4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15
Out: 1.264+/-0.000 χ^2/NDF:41702445109465698 4
Left In: -5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10
All: 0.024+/-0.000 χ^2/NDF: 9140557061234 9

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.037+/-0.000 χ^2/NDF: 951216511750757833

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

Right: 0.015+/-0.000 χ^2/NDF: 7119941384422655 3

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

In: 0.944+/-0.000 χ^2/NDF:4052171462043791024

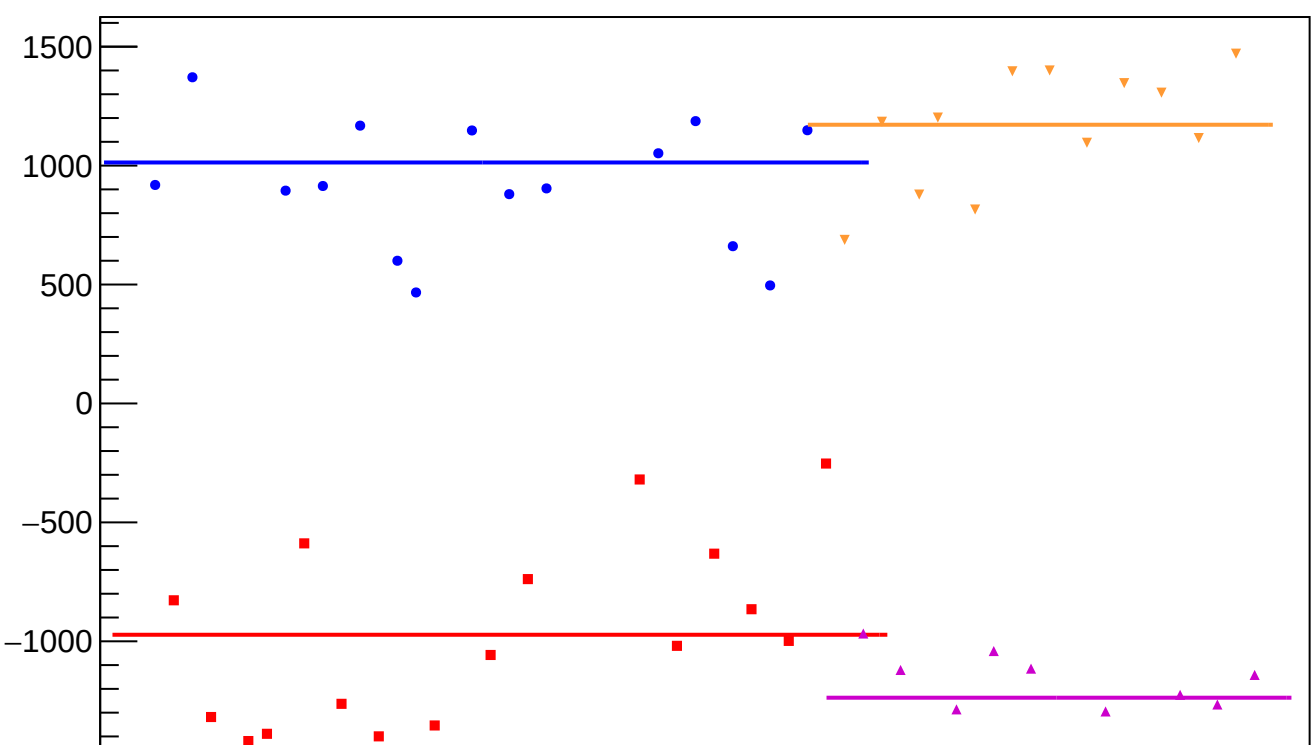
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

Out: -0.885+/-0.000 χ^2/NDF:3755287546995295 3

Left In: -2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

All: 0.027+/-0.000 χ^2/NDF: 8071194607126 6

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

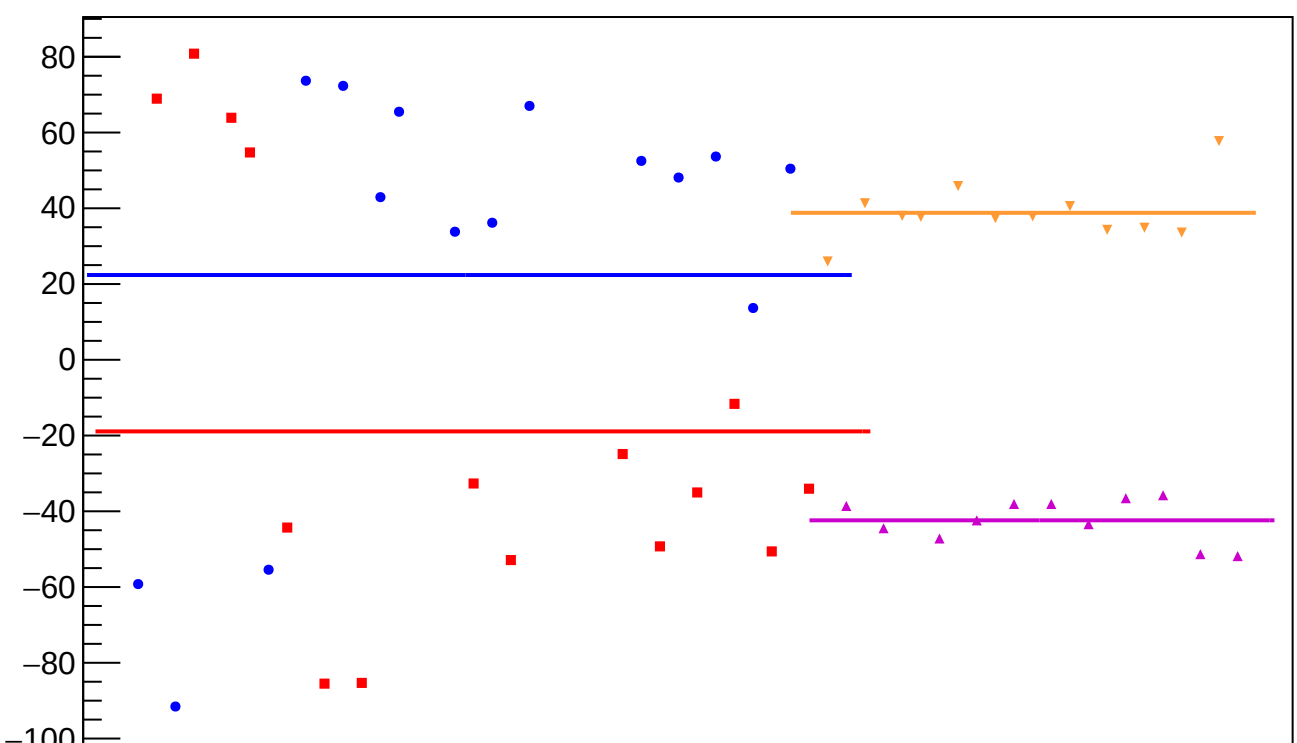
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

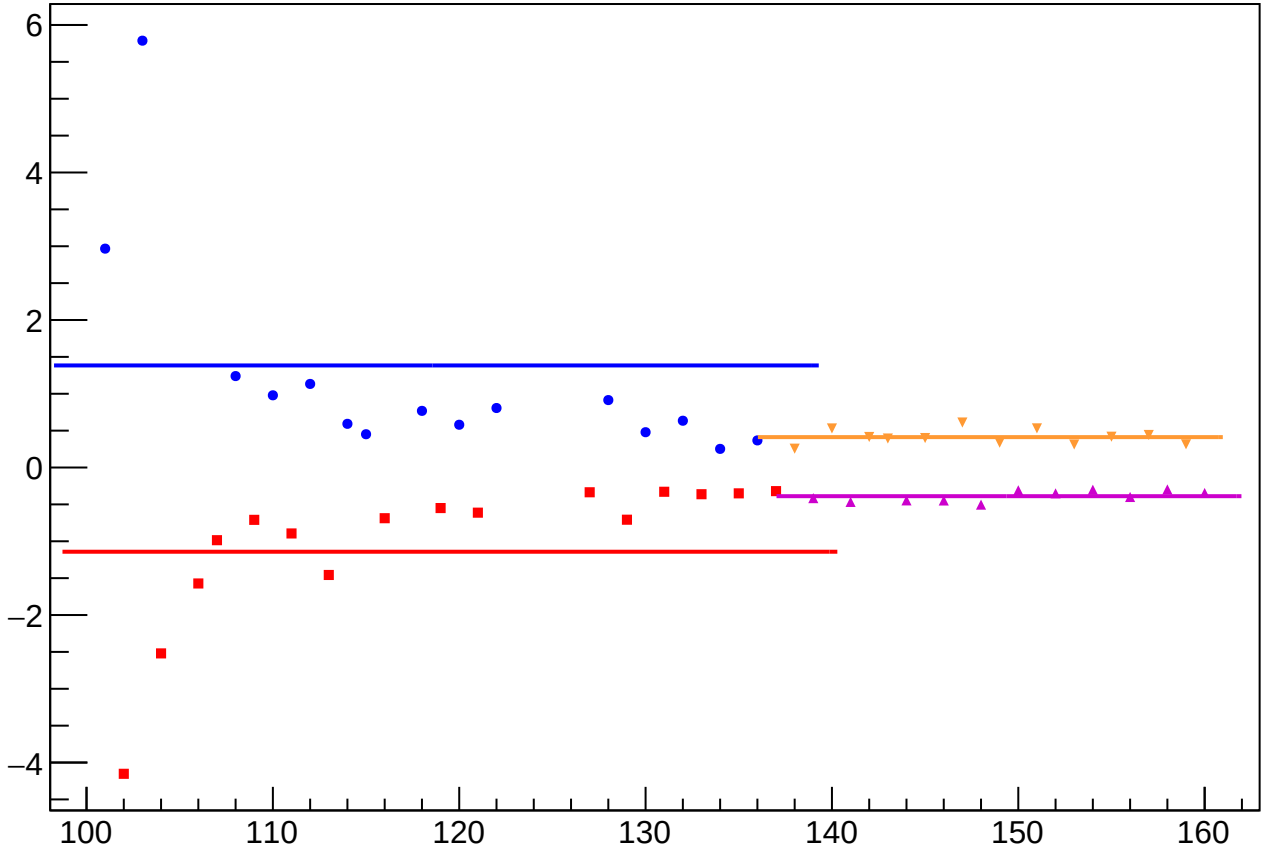
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -2.011+/-0.000 χ^2/NDF: 31072160739853167
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300 9024.0/14
Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267
Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11
In: -15.663+/-0.000 χ^2/NDF:35481778634917281
Right Out: -18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15
Out: 14.458+/-0.000 χ^2/NDF:35182359761379109
Left In: -42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10
All: -0.564+/-0.000 χ^2/NDF: 7781760585963

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 30849529651621156

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 4480295700772902 3

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

In: 0.343+/-0.000 χ^2/NDF:277353006534072708 9

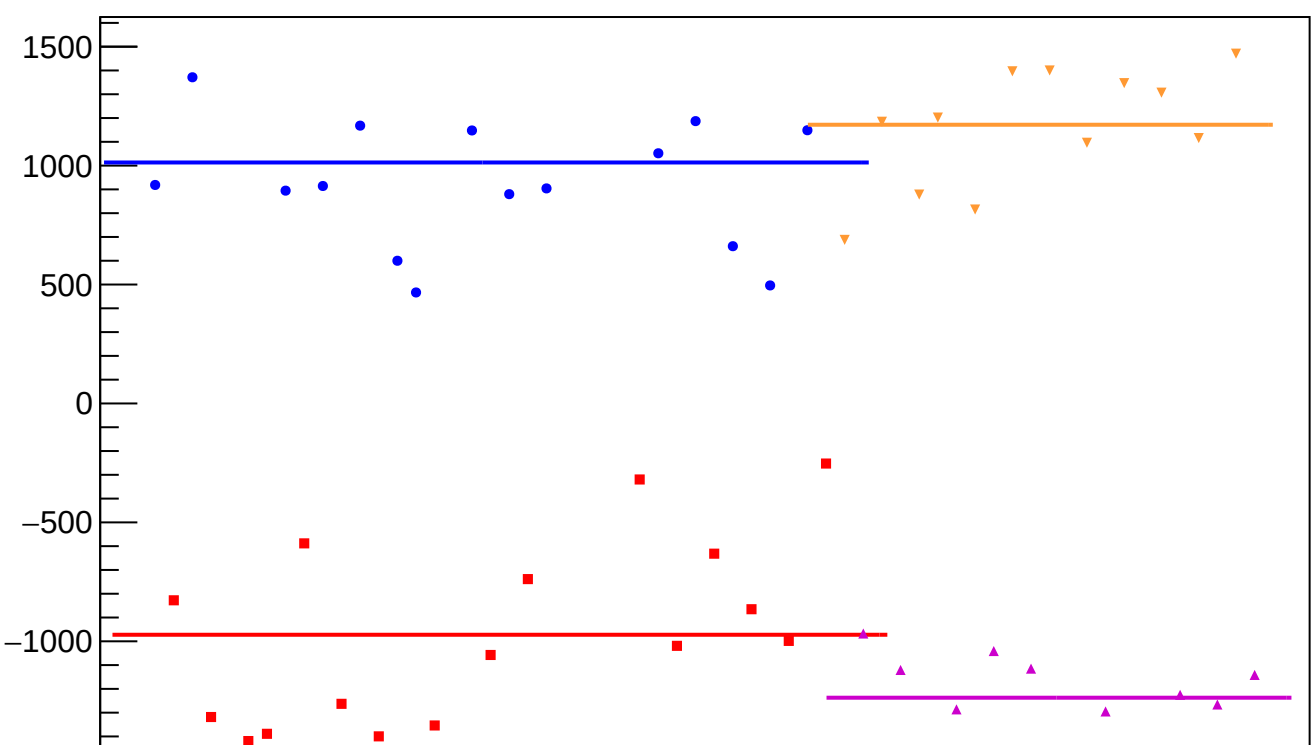
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:17511630764332006

Left In: -0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

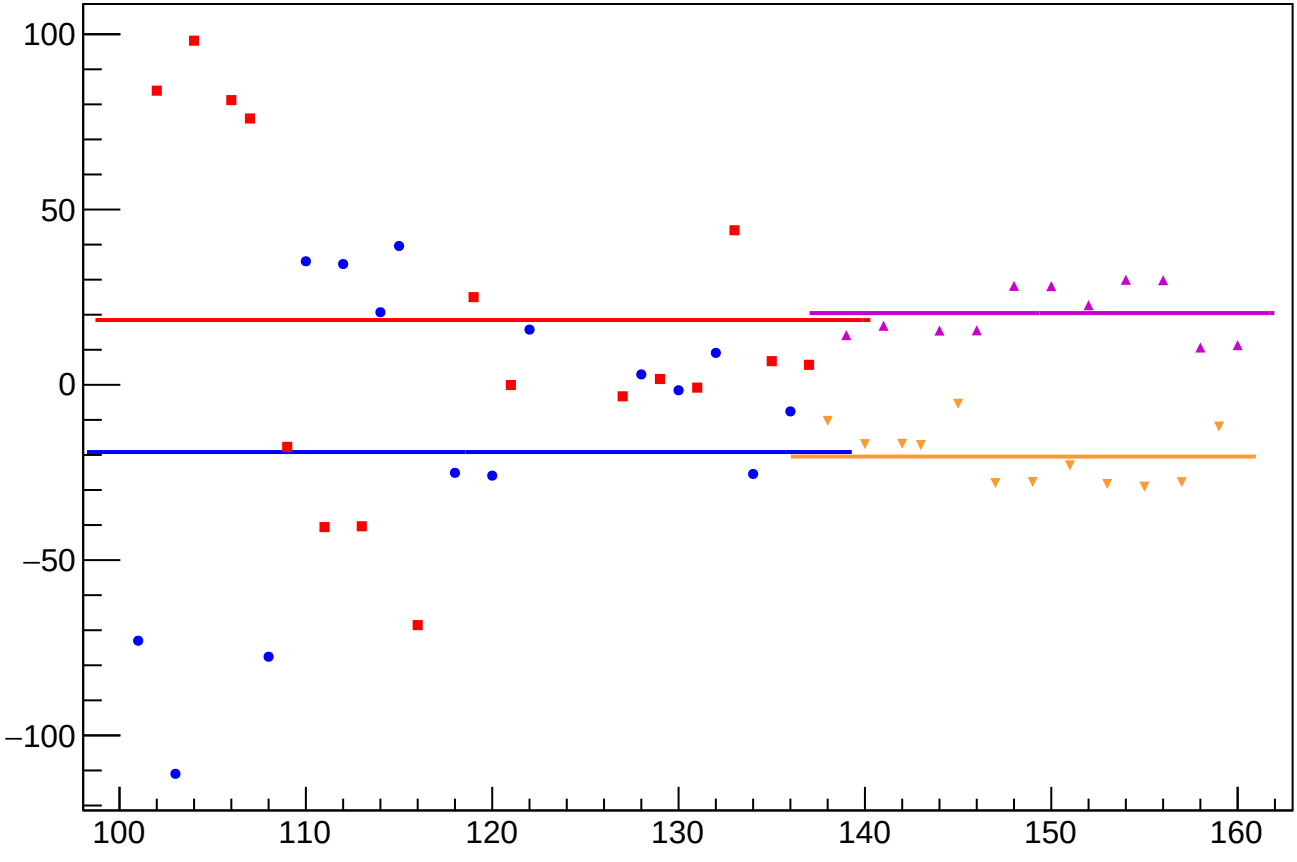
All: 0.049+/-0.000 χ^2/NDF: 4795604637543 1

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: 0.115+/-0.000 χ^2/NDF: 877202582639736103

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

In: 4.115+/-0.000 χ^2/NDF:189413859306817838

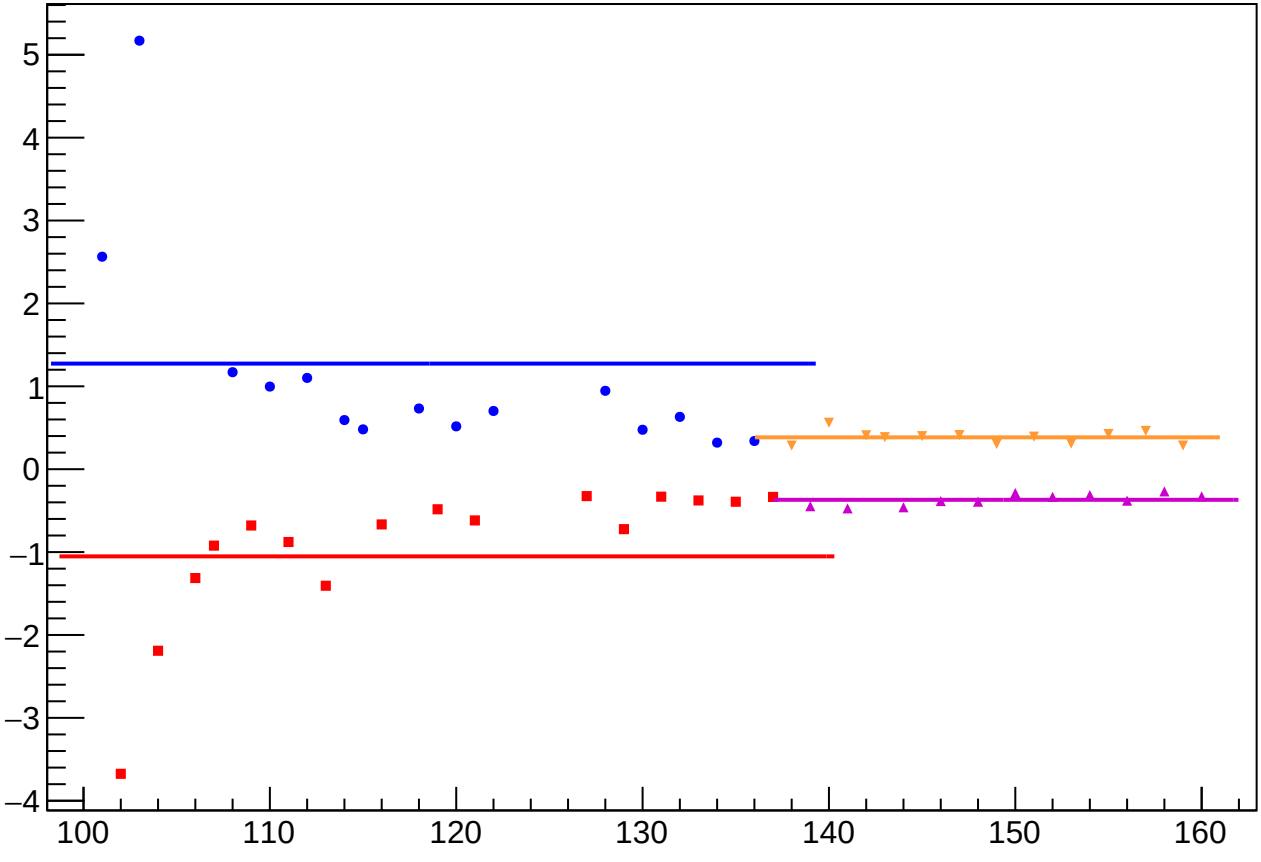
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -4.035+/-0.000 χ^2/NDF:21328659955407988

Left In: 20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

All: 0.029+/-0.000 χ^2/NDF: 4079380498302

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.005+/-0.000 χ^2/NDF: 270980526388398617

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468 2

Left Out: 0.384+/-0.000 χ^2/NDF:582232202907859826826012943974 4.0/11

In: 0.309+/-0.000 χ^2/NDF:224568466689180780 5

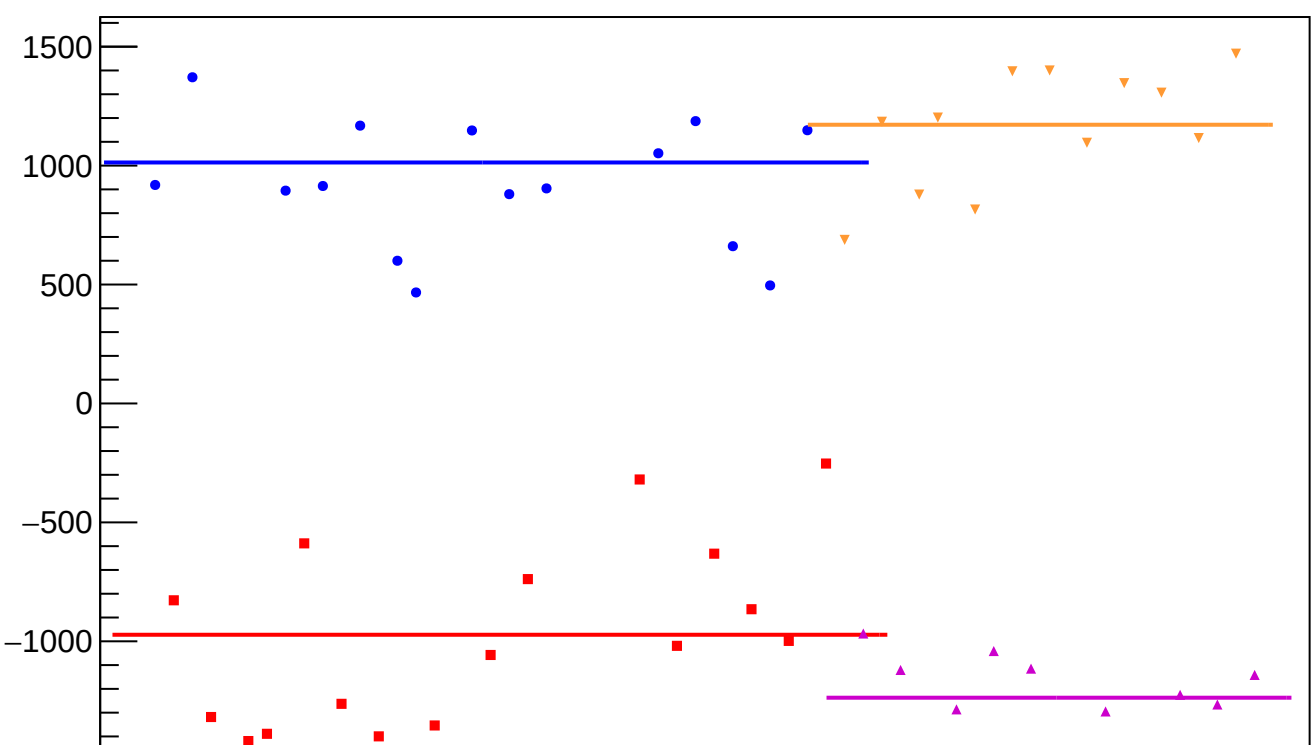
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.222+/-0.000 χ^2/NDF:1408503689243692 0

Left In: -0.369+/-0.000 χ^2/NDF:4166350638848138676707816112128.0/10

All: 0.043+/-0.000 χ^2/NDF: 3875882838199 7

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

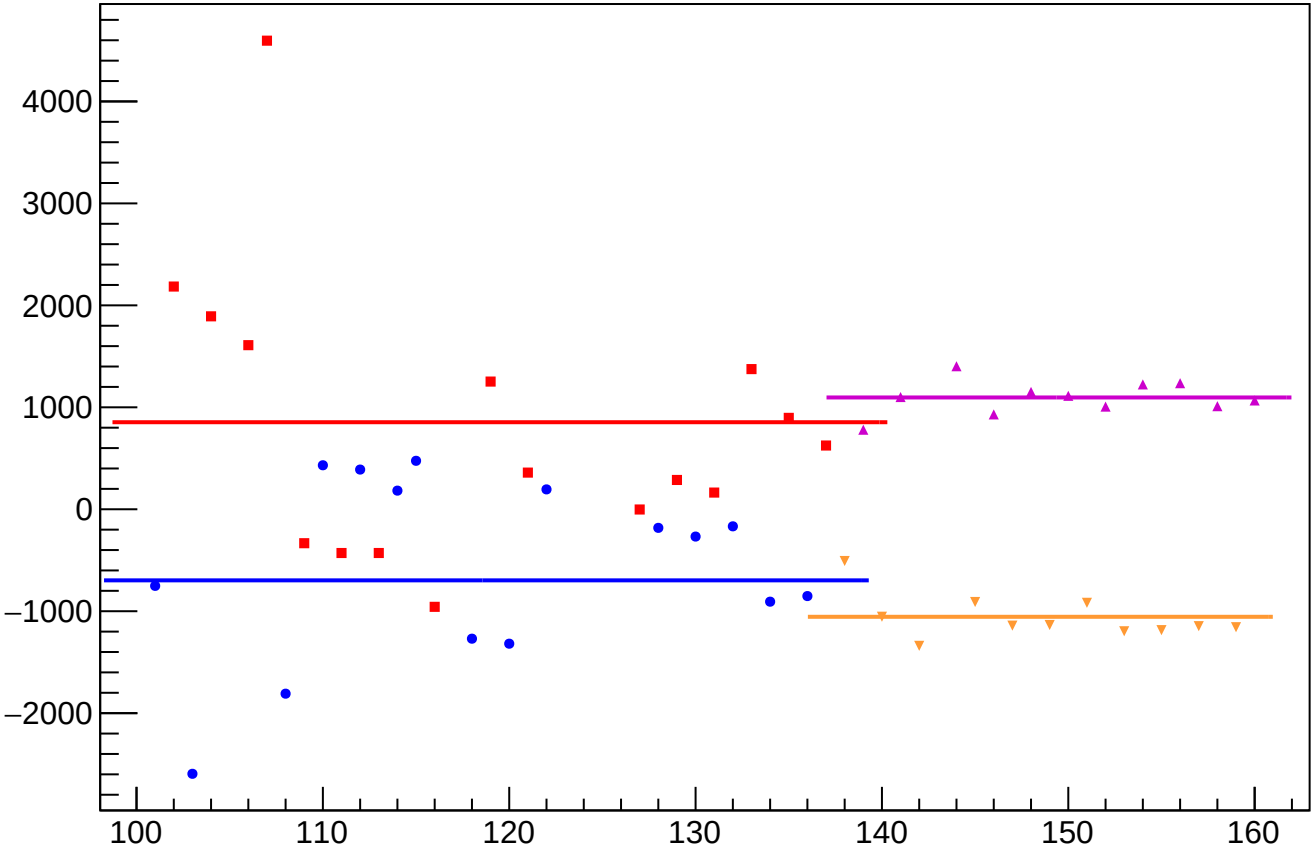
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

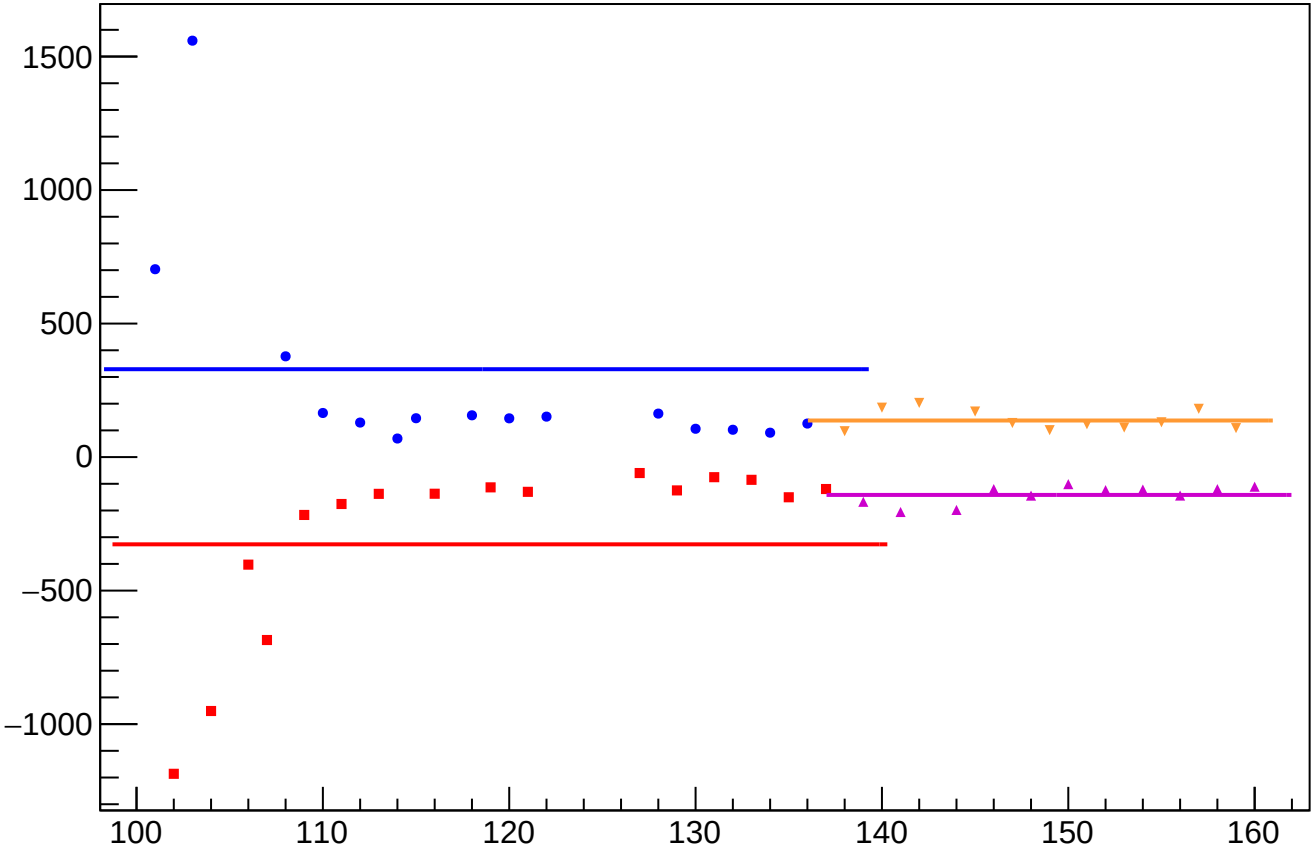
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_usl_coil6_mean vs Slug, Sign Corrected



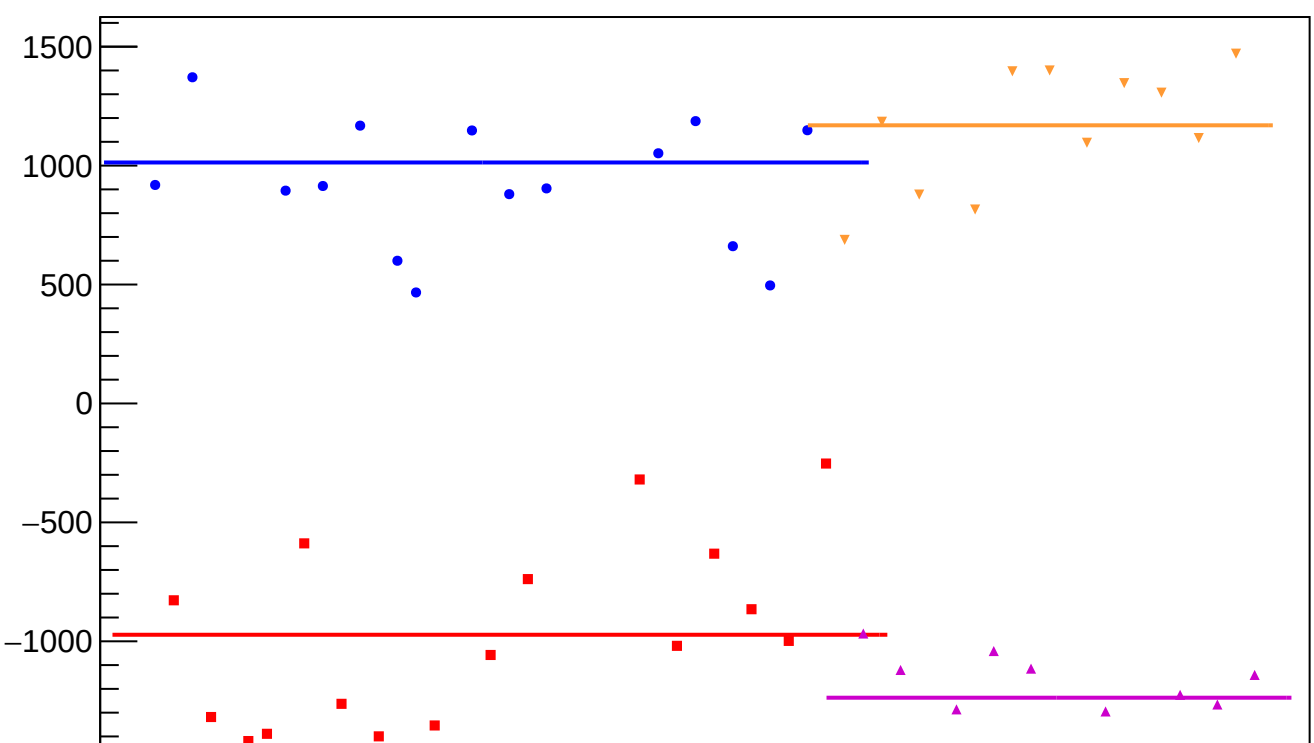
Left: 67.682+/-0.000 χ^2/NDF: 2104282925537346
Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1054.675+/-0.000 χ^2/NDF:3589341456175128983102800453580514918 4.0/10
In: 356.413+/-0.000 χ^2/NDF:1740513713272145
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15
Out: -213.916+/-0.000 χ^2/NDF:247329313672222
Left In: 1096.508+/-0.000 χ^2/NDF:2339709246408509237500801467455792742 4.0/10
All: 76.698+/-0.000 χ^2/NDF: 446474651350

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -8.396+/-0.000 χ^2/NDF: 36384355238386043
Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14
Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126
Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10
In: 52.557+/-0.000 χ^2/NDF:20240803637991835
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15
Out: -67.276+/-0.000 χ^2/NDF:1688197715864031
Left In: -141.688+/-0.000 χ^2/NDF:1044882408057849194081424130600599552.0/10
All: -6.215+/-0.000 χ^2/NDF: 3823059515642

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1169.420+/-0.000 χ^2/NDF:523590585284842121529758179305539502 08.0/10

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -86.182+/-0.000 χ^2/NDF: 2642058453366472

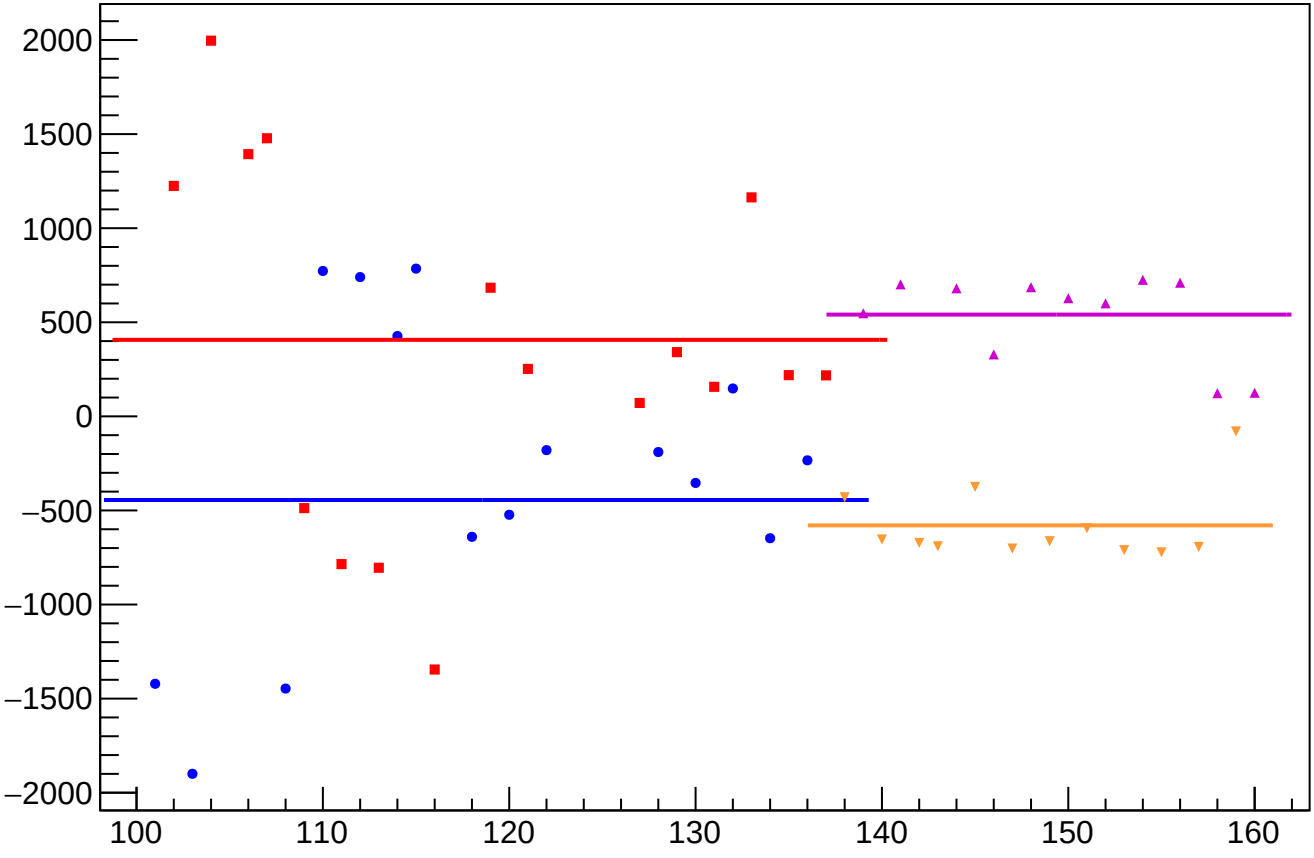
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 225.803+/-0.000 χ^2/NDF:184313289738696 9

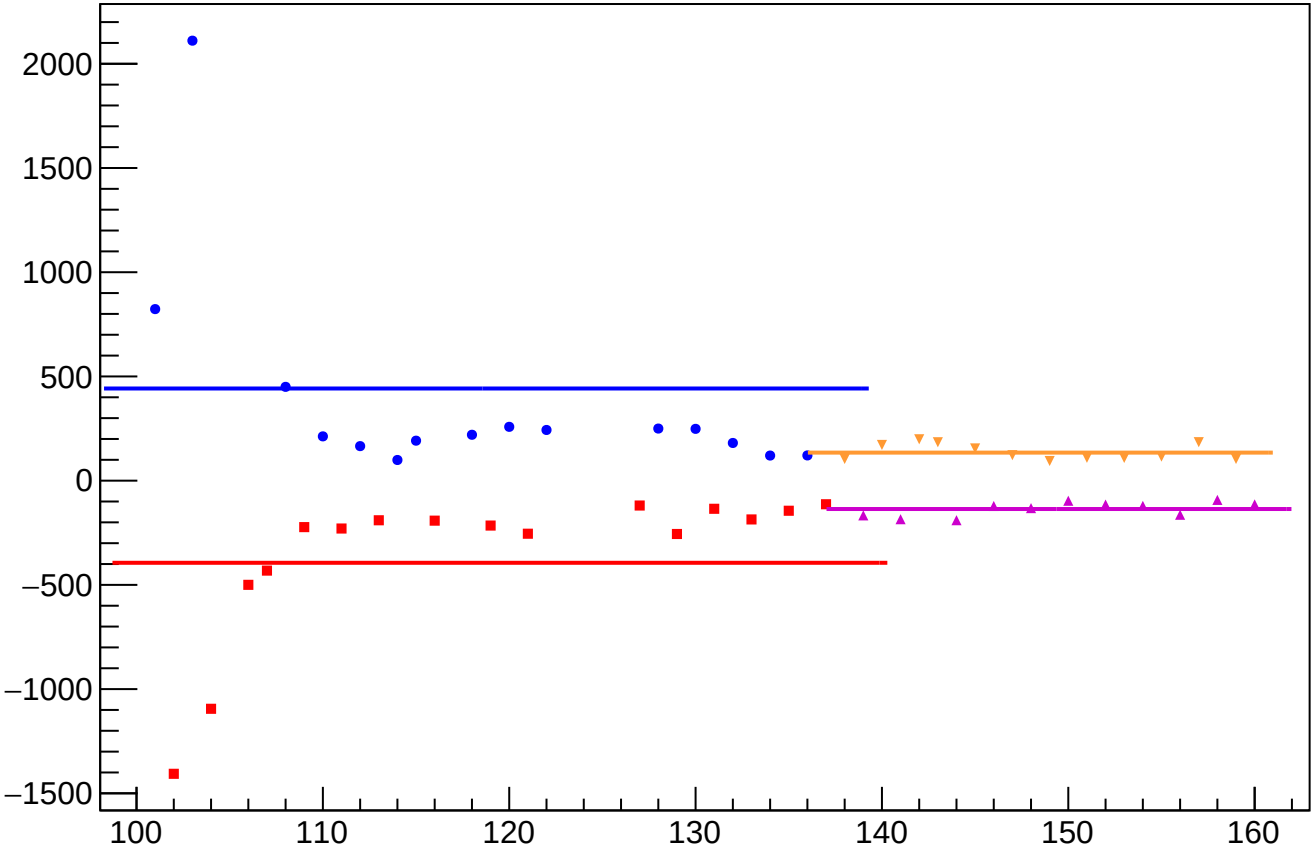
All: -46.560+/-0.000 χ^2/NDF: 405607578172

dit_usr_coil6_mean vs Slug, Sign Corrected



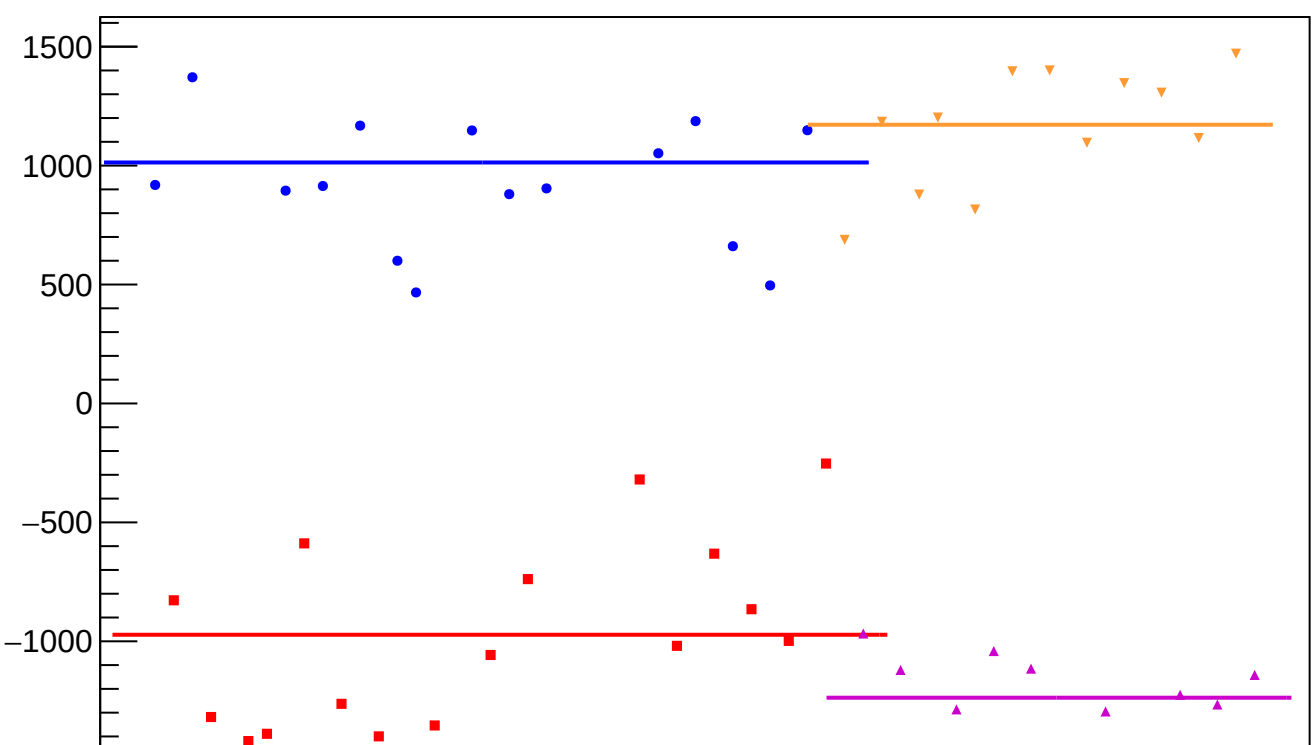
Left: -16.168+/-0.000 χ^2/NDF: 6517518654293770
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -579.272+/-0.000 χ^2/NDF:325845815245288609415955974070426664 96.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
Right Out: 406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15
Out: -163.293+/-0.000 χ^2/NDF:936589740364006
Left In: 540.842+/-0.000 χ^2/NDF:426701933174978179110303674663666974 72.0/10
All: -14.875+/-0.000 χ^2/NDF: 181571626575

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: -1.475+/-0.000 χ^2/NDF: 3578033492733562
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11
In: 102.519+/-0.000 χ^2/NDF:3324792030210218
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -88.444+/-0.000 χ^2/NDF:2147483337083206
Left In: -136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10
All: 6.795+/-0.000 χ^2/NDF: 5759815630921

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

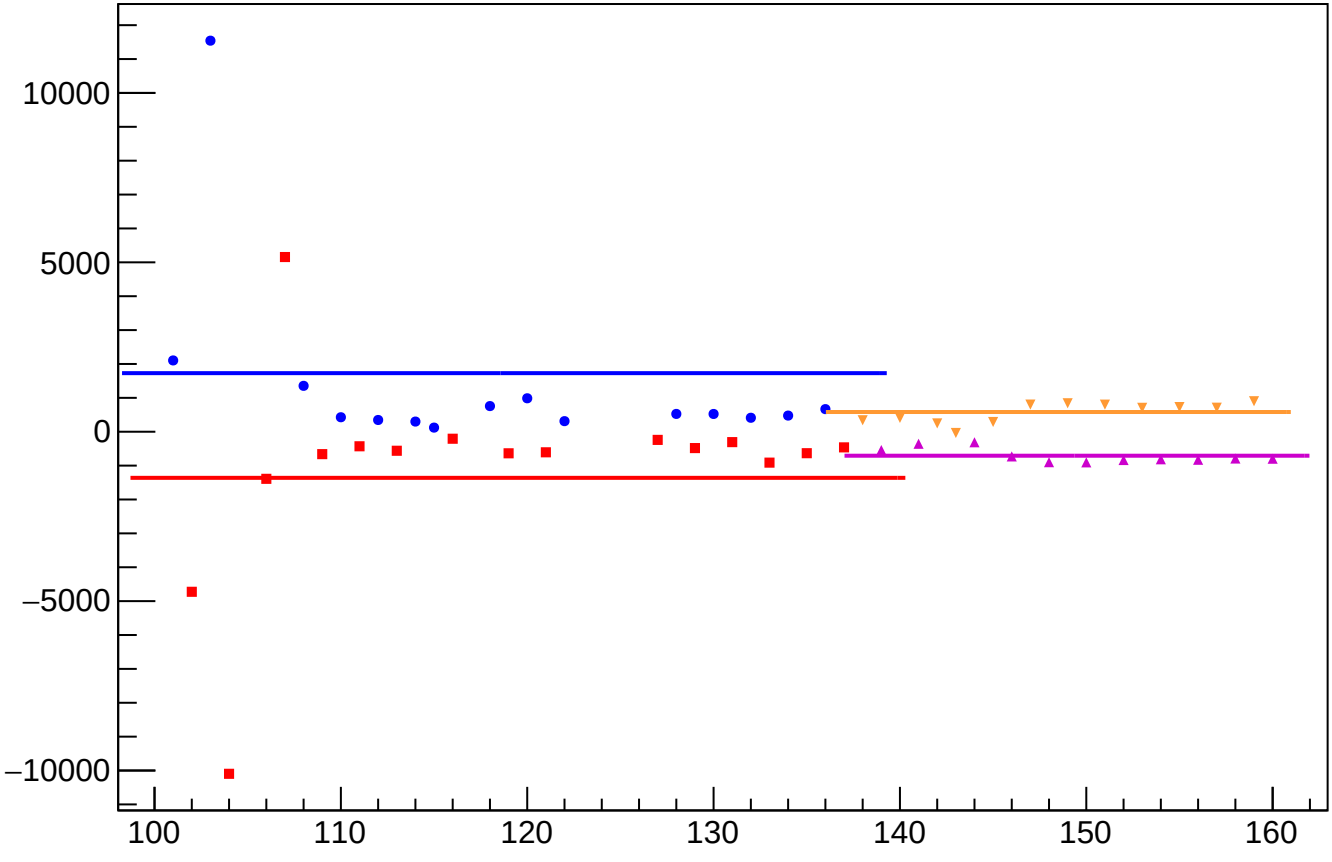
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

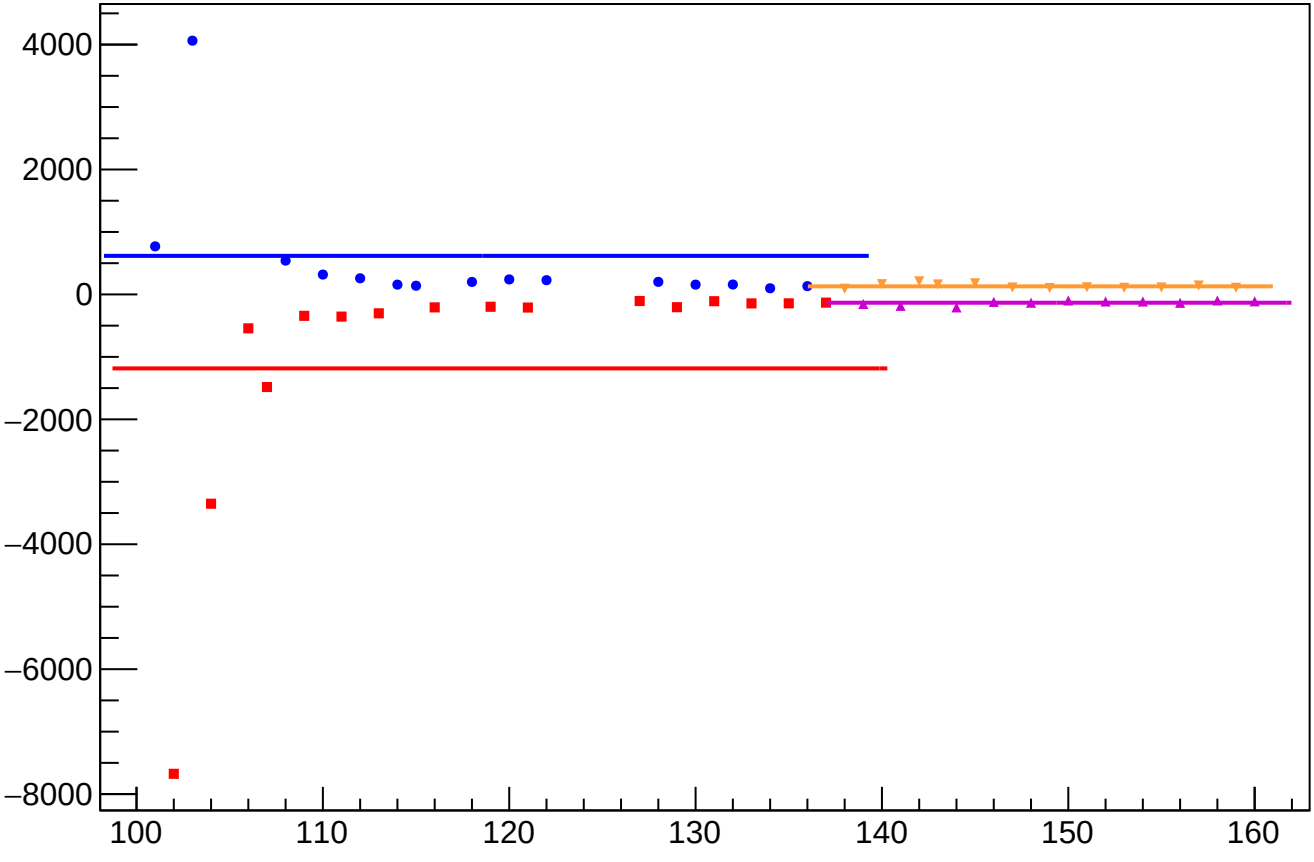
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -66.378+/-0.000 χ^2/NDF: 8728806118871986
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
Right: 162.918+/-0.000 χ^2/NDF: 159853161210173
Left Out: 582.152+/-0.000 χ^2/NDF:7008377264783148612573298976880171417 6.0/11
In: 297.546+/-0.000 χ^2/NDF:8715174091100298 3
Right Out: -1360.914+/-0.000 χ^2/NDF: 6431605933148863413038417850186506174464.0/15
Out: -237.598+/-0.000 χ^2/NDF:795753517913564
Left In: -707.889+/-0.000 χ^2/NDF:3811648618881798069903242600243213 1072.0/10
All: 29.296+/-0.000 χ^2/NDF: 1689851779226

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.478+/-0.000 χ^2/NDF: 33670260224072050

Right In: 617.343+/-0.000 χ^2/NDF: 79236601298595419834531775026875596800 0.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11

In: 176.659+/-0.000 χ^2/NDF:1008021532552816 3

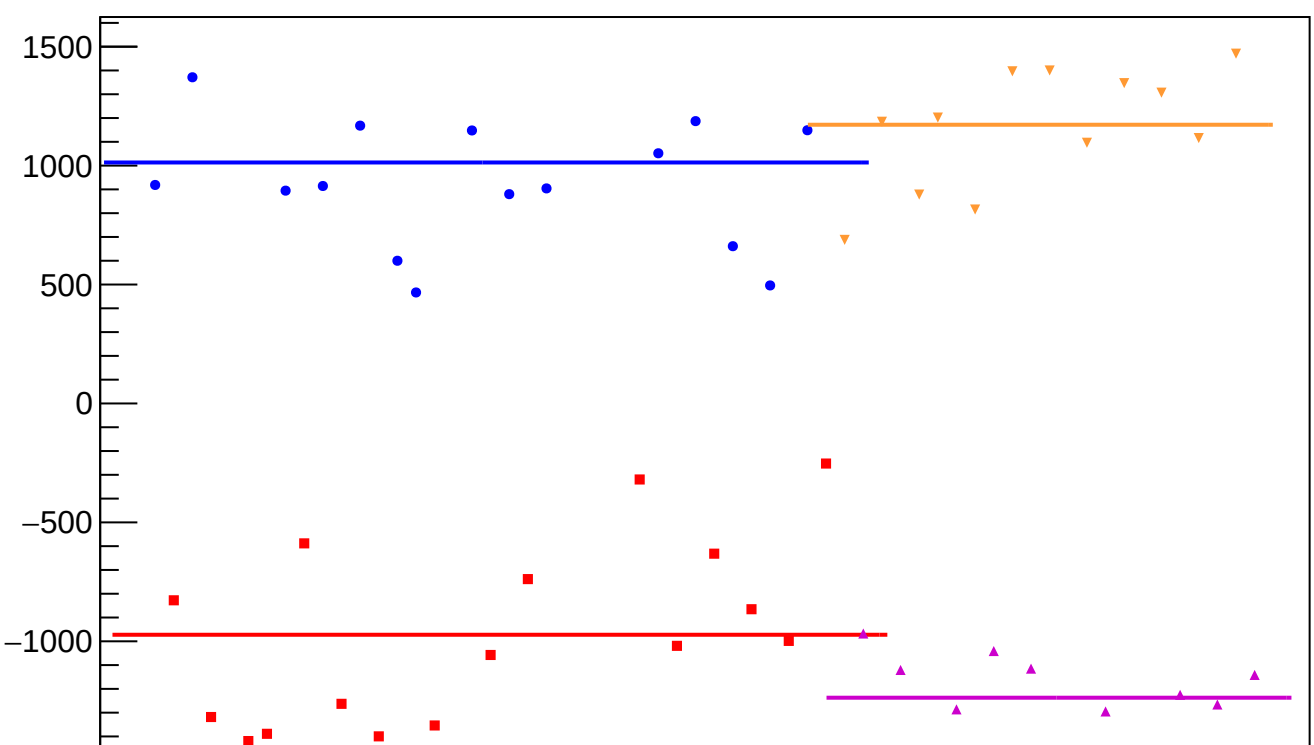
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

Out: -424.874+/-0.000 χ^2/NDF:383384679503055

Left In: -132.869+/-0.000 χ^2/NDF:1091839085664014112201463155711279104.0/10

All: -124.871+/-0.000 χ^2/NDF: 51271793033

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

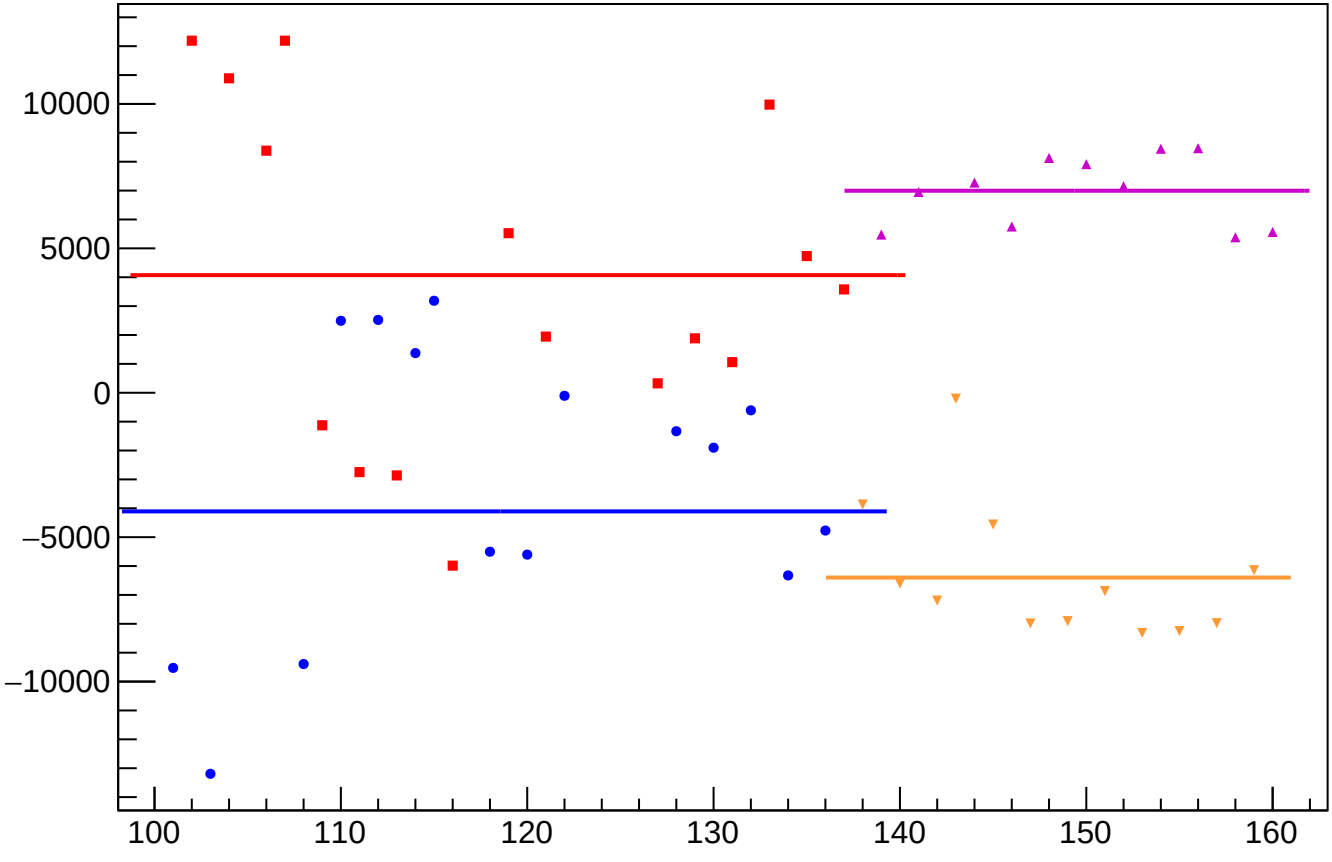
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl2_coil6_mean vs Slug, Sign Corrected



Left: 334.389+/-0.000 χ^2/NDF: 882200792503166

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

In: 2414.162+/-0.000 χ^2/NDF:6274970680925114

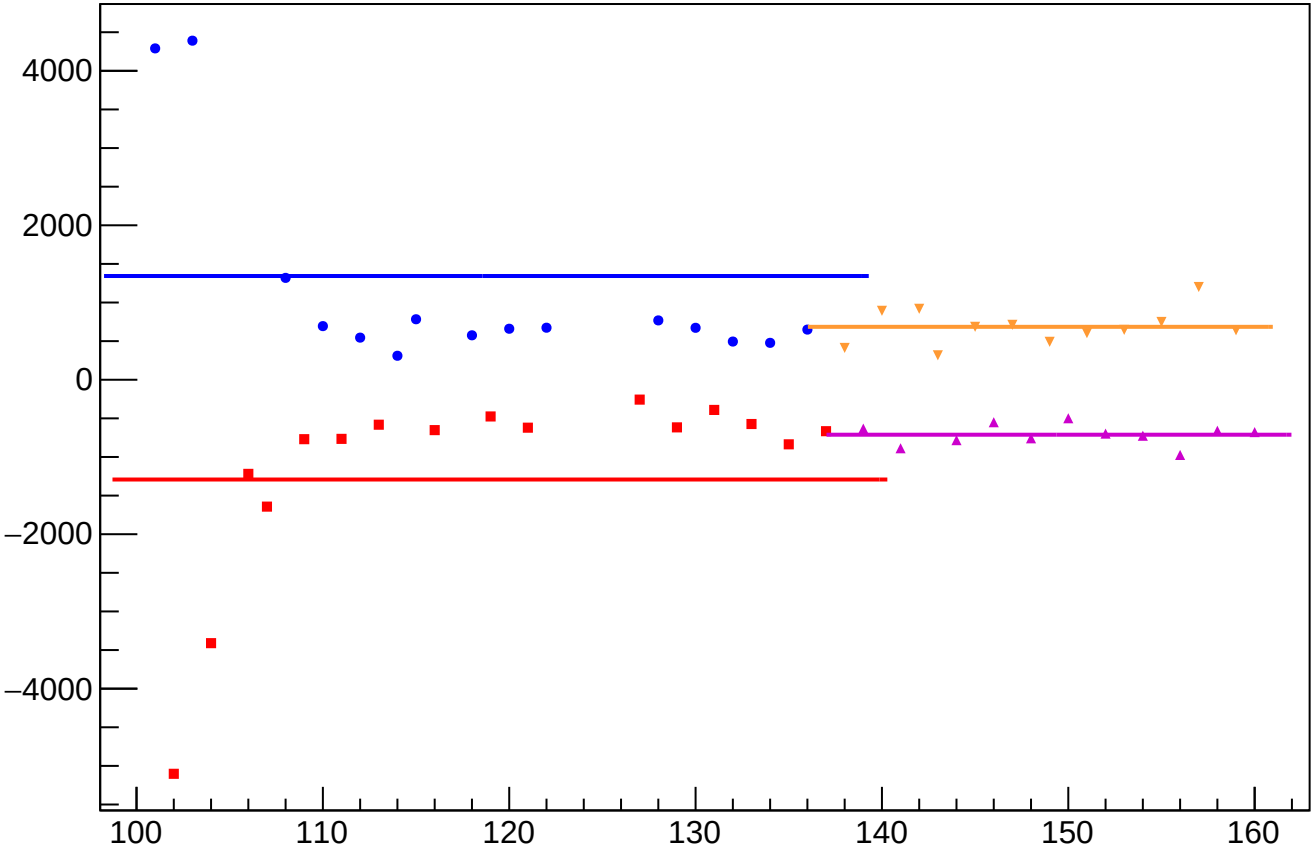
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Out: -1981.339+/-0.000 χ^2/NDF:67205872968541

Left In: 6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

All: 210.837+/-0.000 χ^2/NDF: 14518963657 5

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: -17.010+/-0.000 χ^2/NDF: 9589871877272368

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230

Left Out: 685.307+/-0.000 χ^2/NDF:463332490809858132337422121534582947 84.0/11

In: 136.160+/-0.000 χ^2/NDF:2943372362818716 0

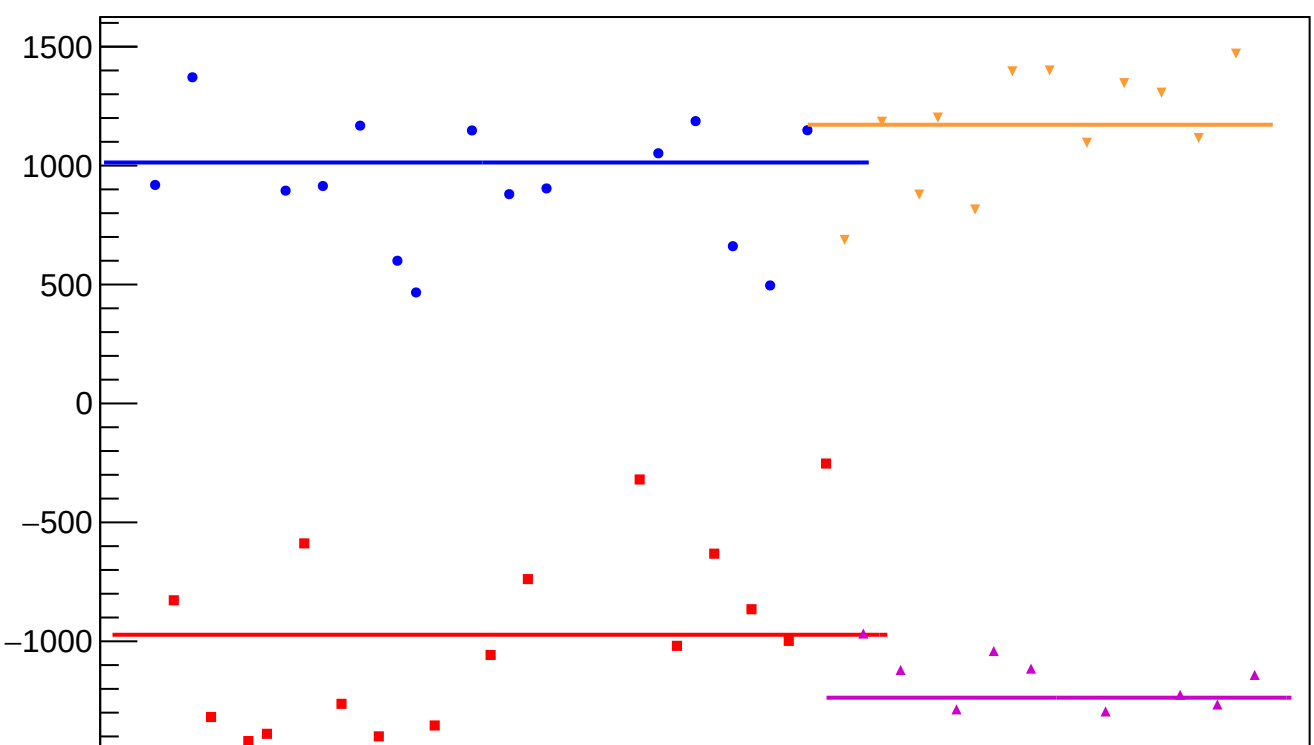
Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

Out: -148.803+/-0.000 χ^2/NDF:287719999706056

Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10

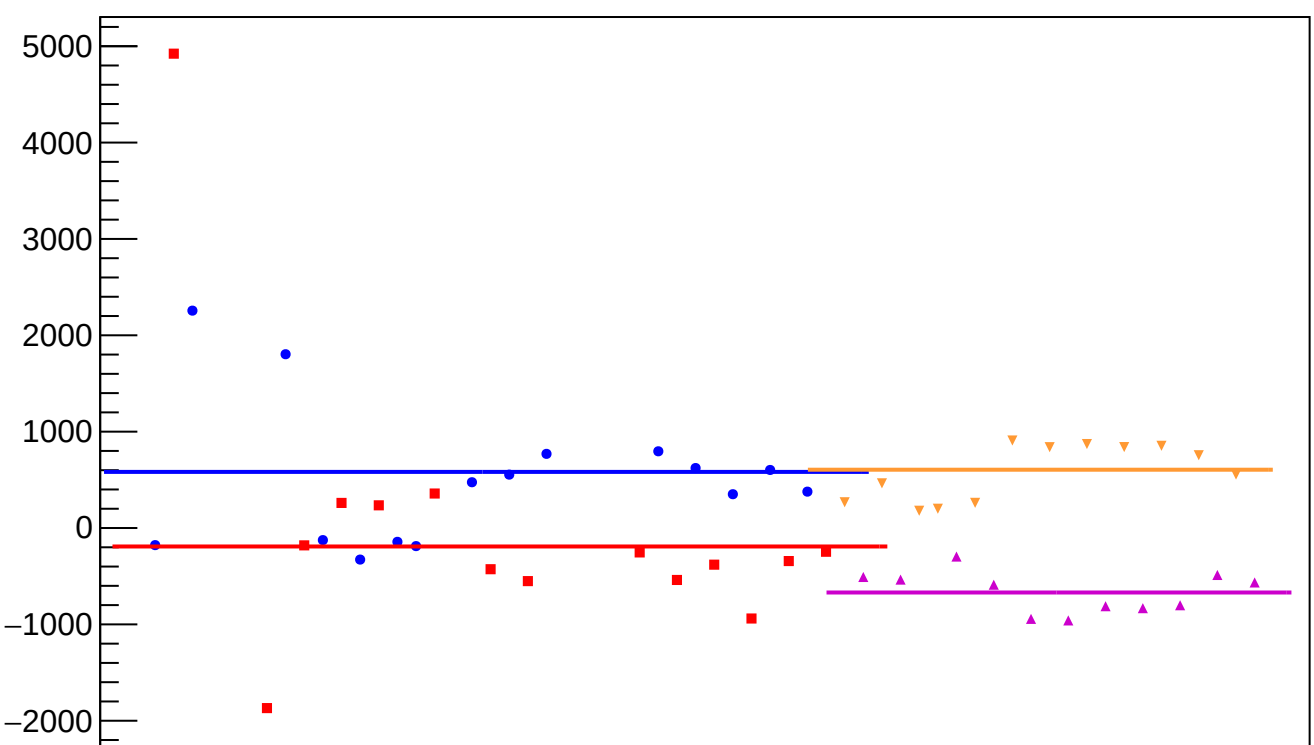
All: -6.683+/-0.000 χ^2/NDF: 5884601406998

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



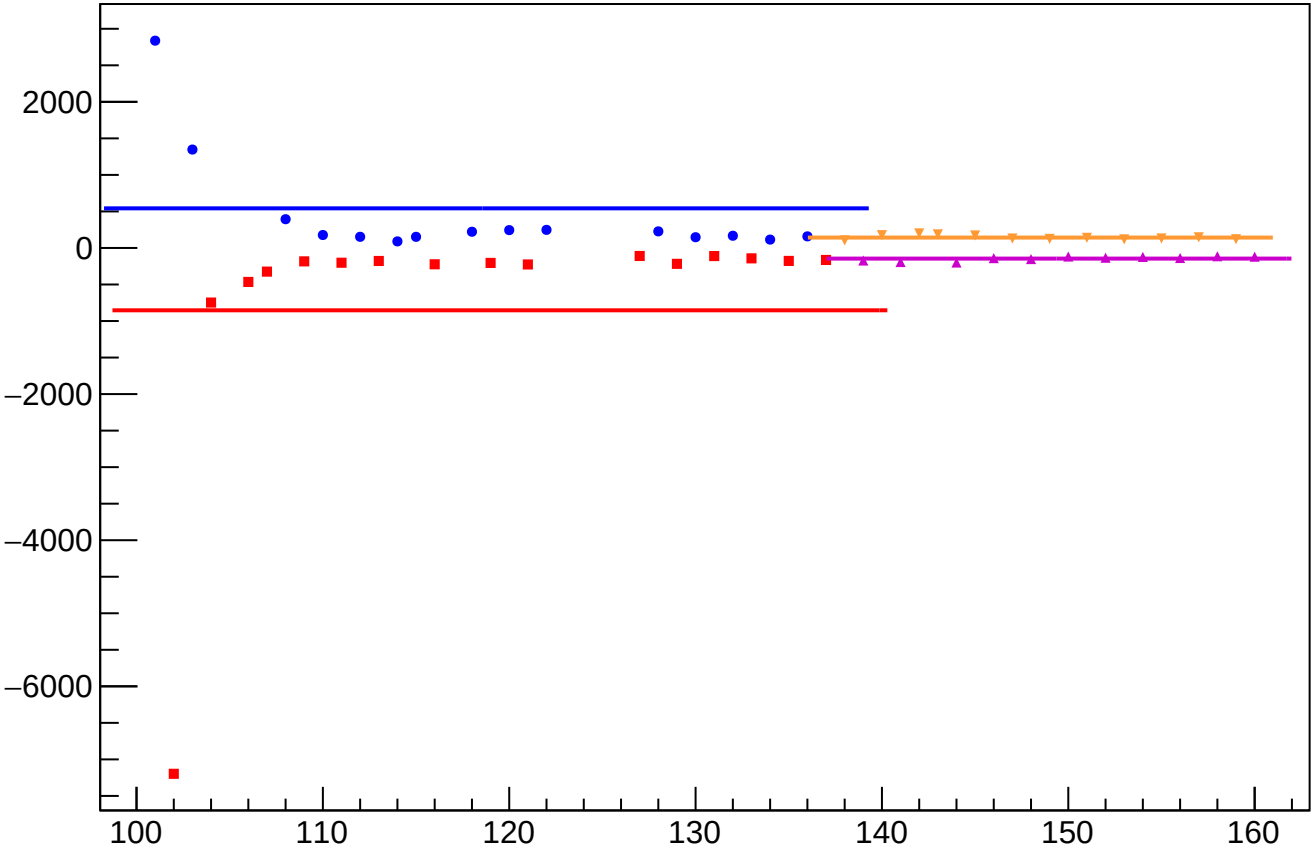
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr1_coil6_mean vs Slug, Sign Corrected



Left: -35.507+/-0.000 χ^2/NDF: 8534436967394536
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 605.074+/-0.000 χ^2/NDF:6791251524544619672993713088270591 5904.0/11
In: -152.784+/-0.000 χ^2/NDF:9754243982311555
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15
Out: 268.975+/-0.000 χ^2/NDF:2481404905102664
Left In: -669.155+/-0.000 χ^2/NDF:3948119524056361725384223052261647 9744.0/10
All: 58.630+/-0.000 χ^2/NDF: 3597086809072

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.367+/-0.000 χ^2/NDF: 39549748395756711

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

Right: -164.982+/-0.000 χ^2/NDF: 36290648240362

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

In: 138.288+/-0.000 χ^2/NDF:5955245908966435

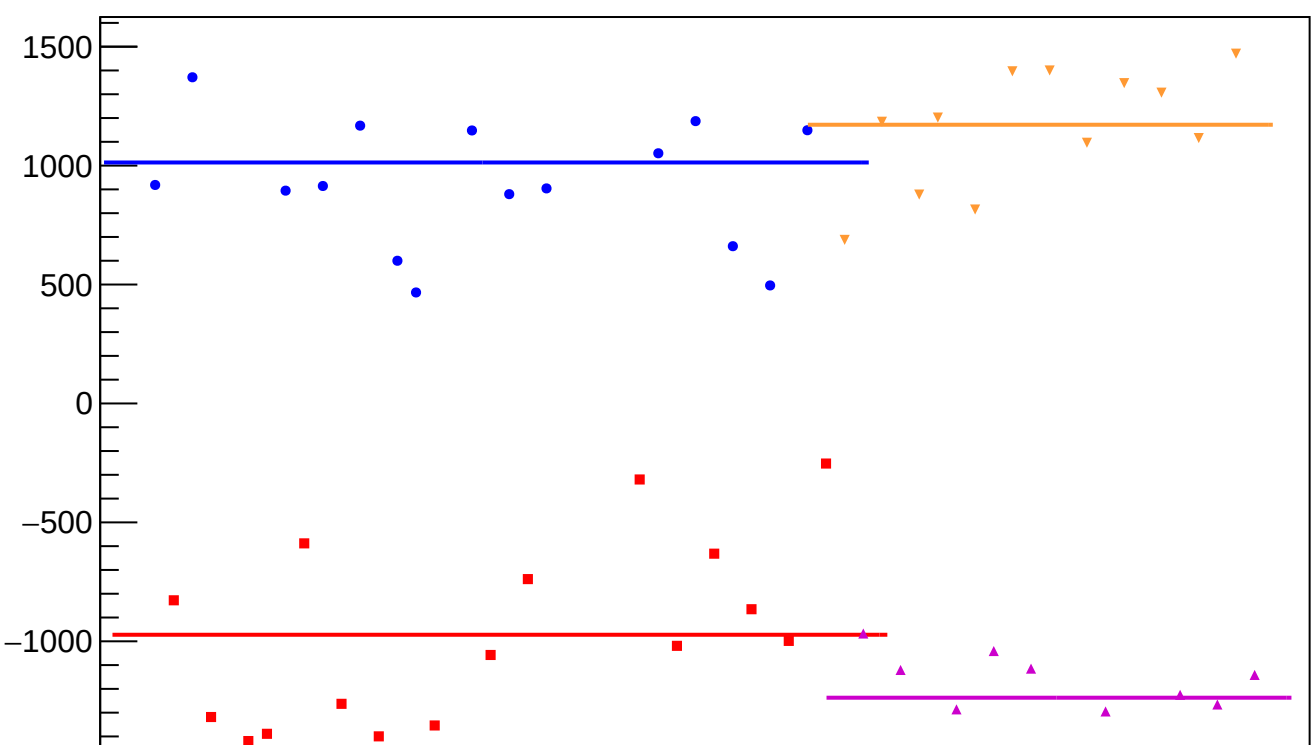
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704473 6.0/15

Out: -277.669+/-0.000 χ^2/NDF:295694420364328

Left In: -145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

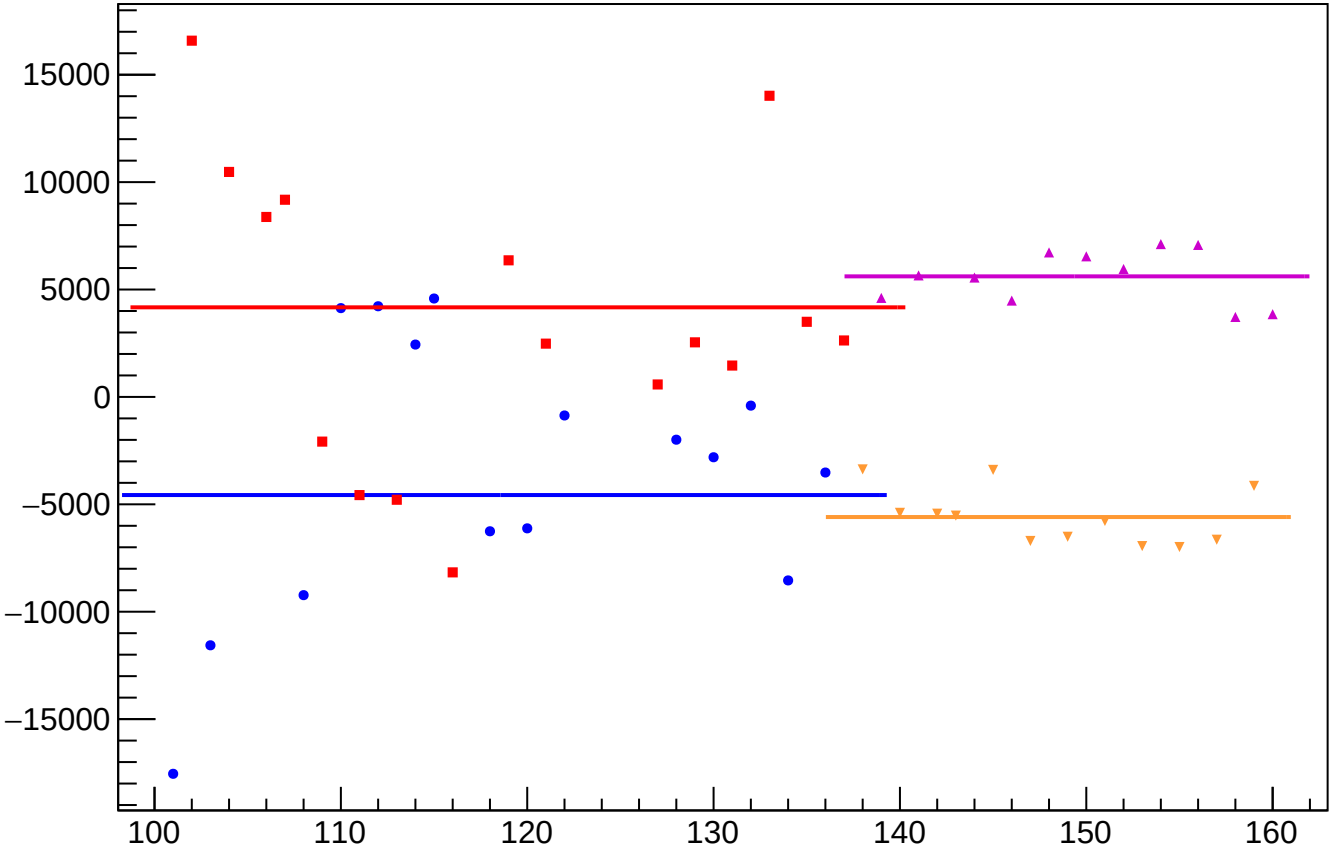
All: -70.218+/-0.000 χ^2/NDF: 36888941096 3

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



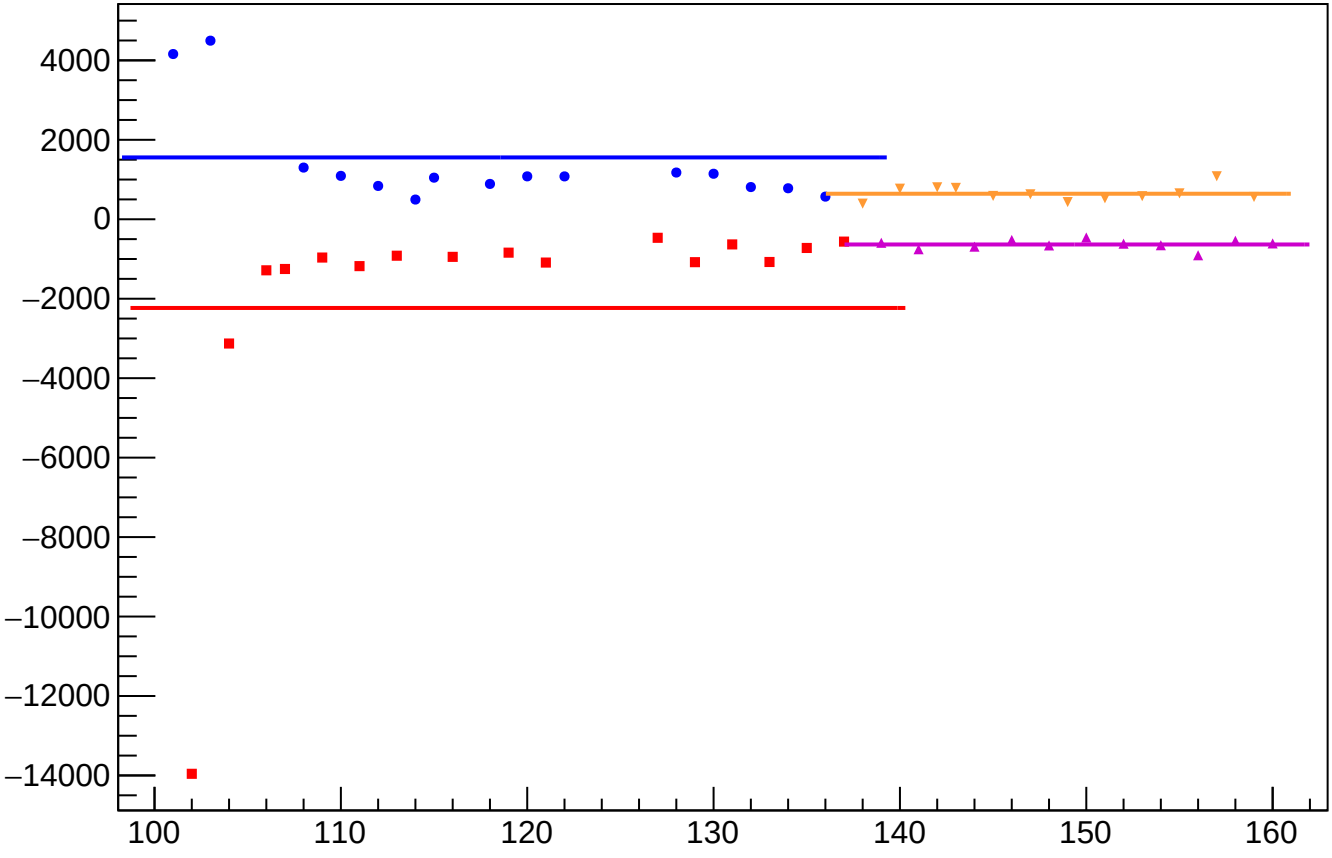
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr2_coil6_mean vs Slug, Sign Corrected



Left: 40.816+/-0.000 χ^2/NDF: 6046809289017192
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5592.357+/-0.000 χ^2/NDF:150250799859091565006793475308868180377 6.0/11
In: 1412.339+/-0.000 χ^2/NDF:649853745086205 4
Right Out: 4170.773+/-0.000 χ^2/NDF: 309672488321879120411139095594811030241 28.0/15
Out: -1473.440+/-0.000 χ^2/NDF:69224914404037
Left In: 5613.024+/-0.000 χ^2/NDF:127221065993626195724813317350317096960 0.0/10
All: -34.210+/-0.000 χ^2/NDF: 140776657149

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 0.564+/-0.000 χ^2/NDF: 791773878076069145

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

Right: -363.793+/-0.000 χ^2/NDF: 14852877470384

Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11

In: 269.551+/-0.000 χ^2/NDF:298230730661913 41

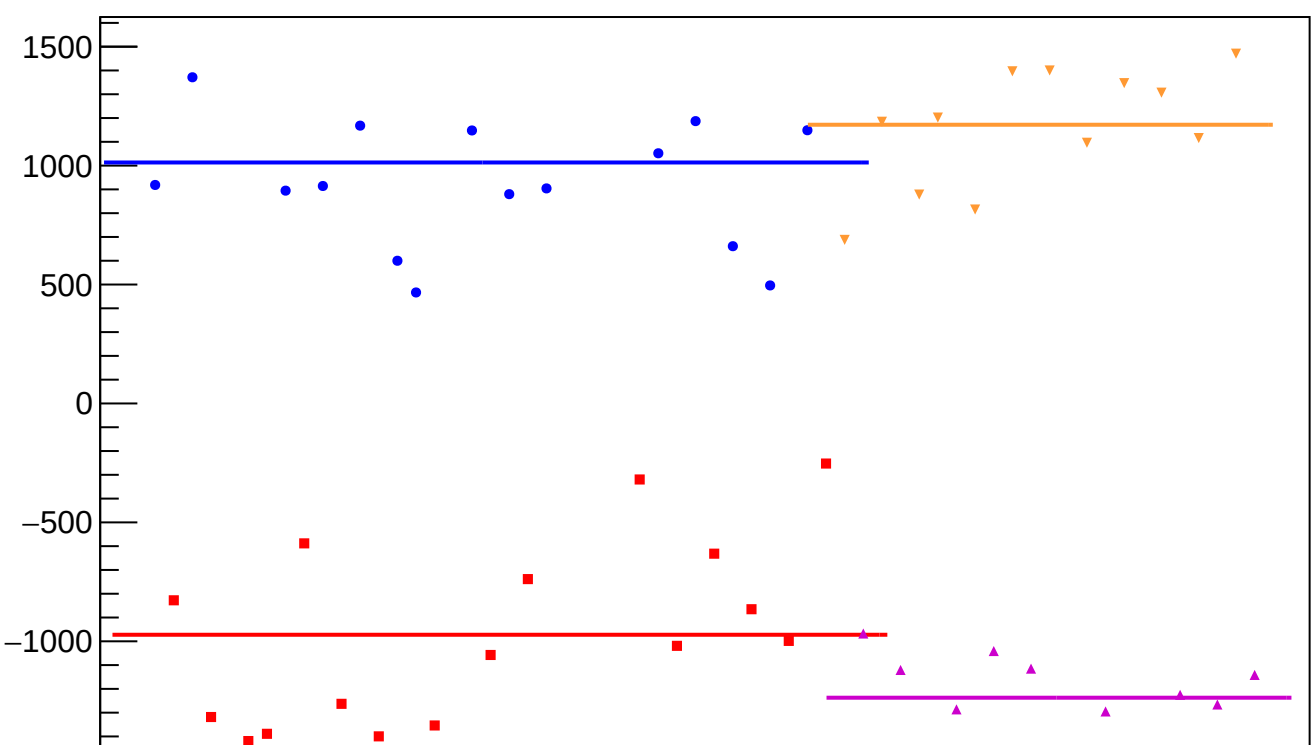
Right Out: -2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15

Out: -570.347+/-0.000 χ^2/NDF:122079278406858

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

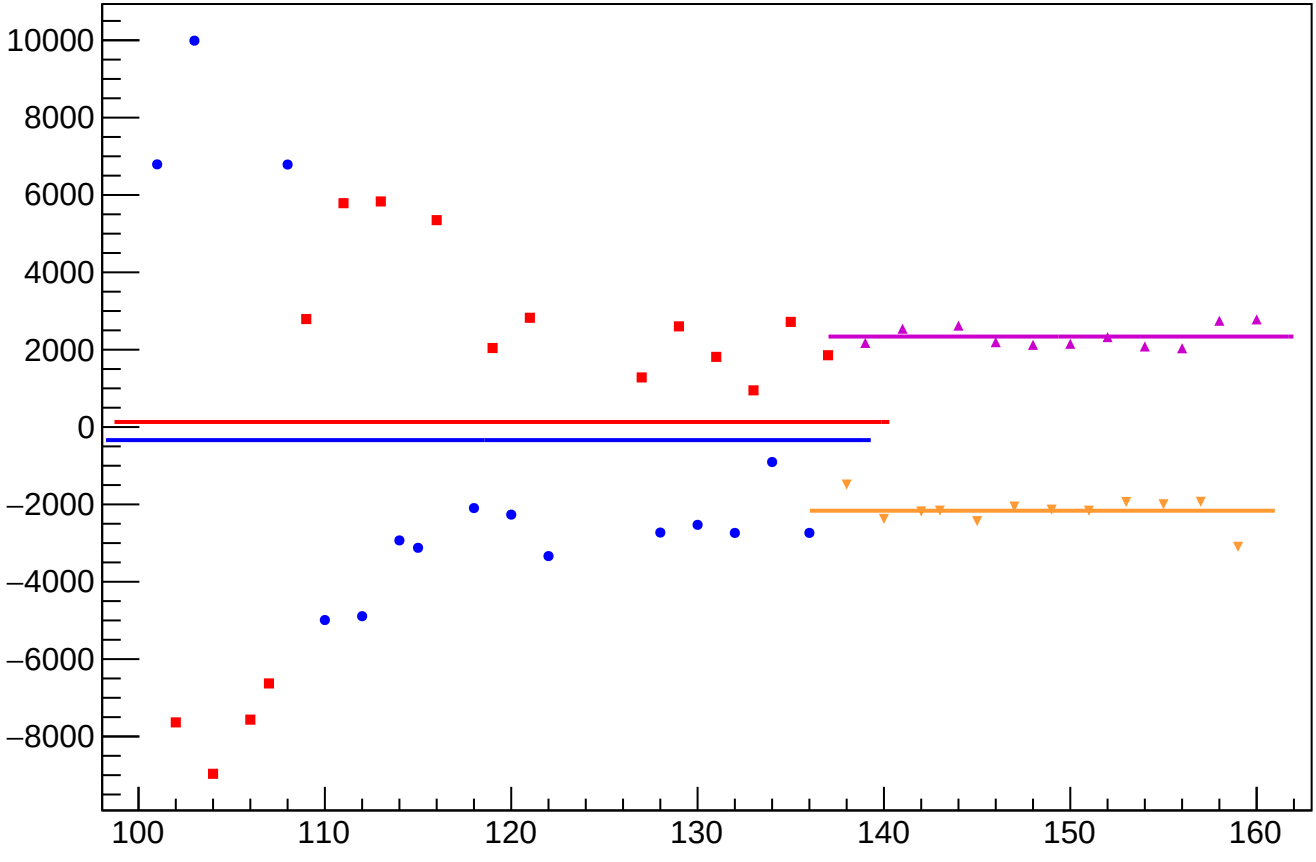
All: -151.463+/-0.000 χ^2/NDF: 15746462164

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam1_coil6_mean vs Slug, Sign Corrected



Left: 100.639+/-0.000 χ^2/NDF: 9504114139630339

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

Right: -99.949+/-0.000 χ^2/NDF: 316982138957514

Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11

In: 1234.934+/-0.000 χ^2/NDF:1794842889484232

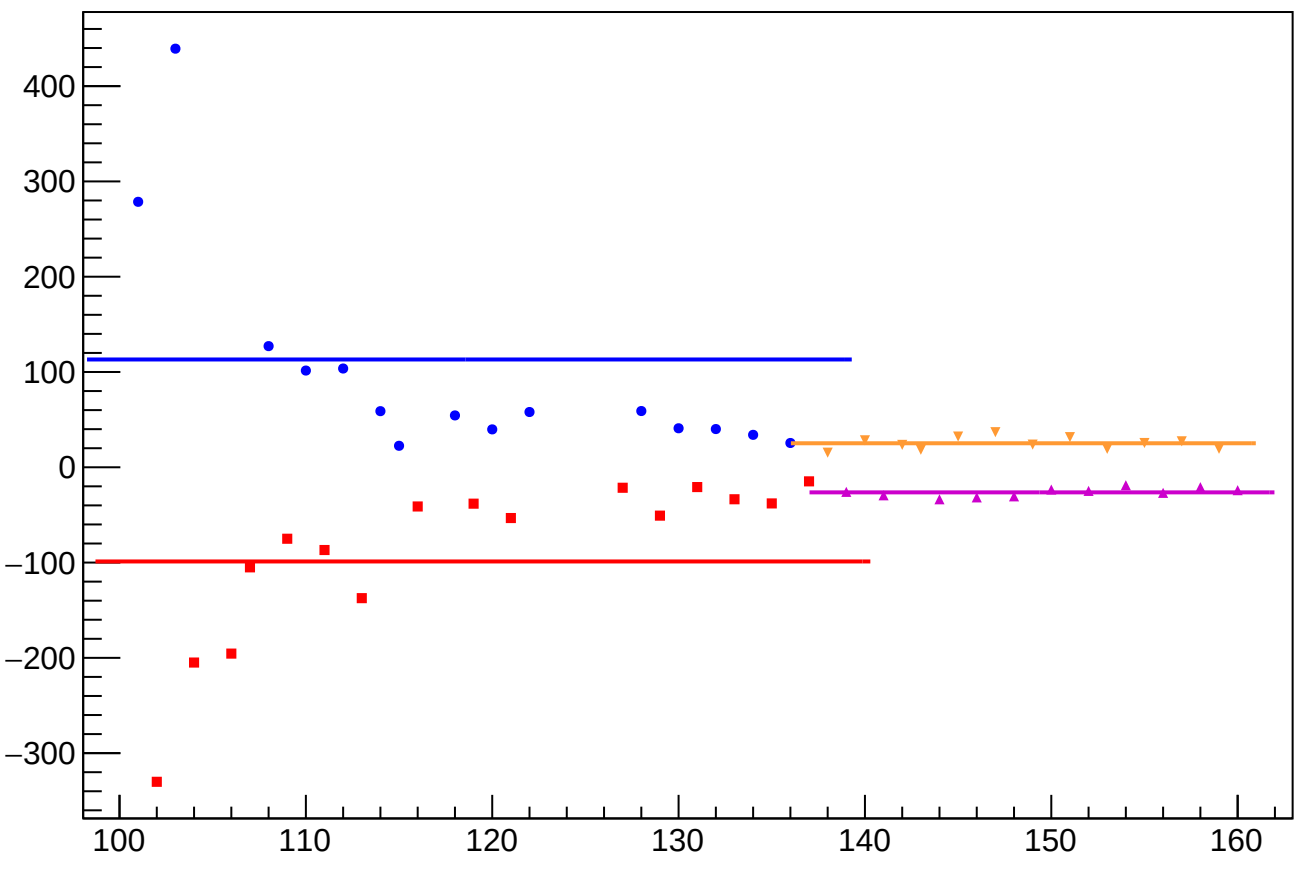
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

Out: -1194.883+/-0.000 χ^2/NDF:18629471707312

Left In: 2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

All: 16.944+/-0.000 χ^2/NDF: 4123318495094

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: -0.703+/-0.000 χ^2/NDF: 12737969644467641

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

In: 31.211+/-0.000 χ^2/NDF:174228215351618200

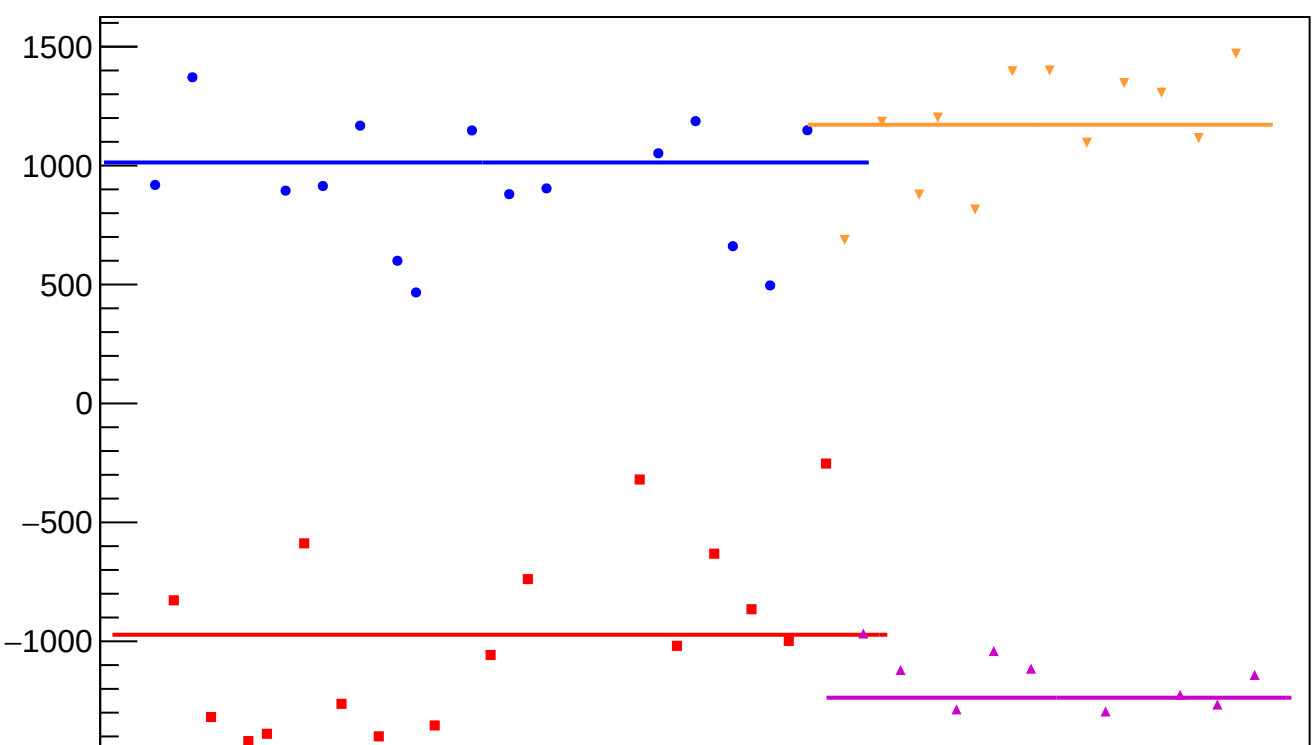
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -27.125+/-0.000 χ^2/NDF:1147829075591207

Left In: -26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

All: 1.969+/-0.000 χ^2/NDF: 3158442544452 6

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

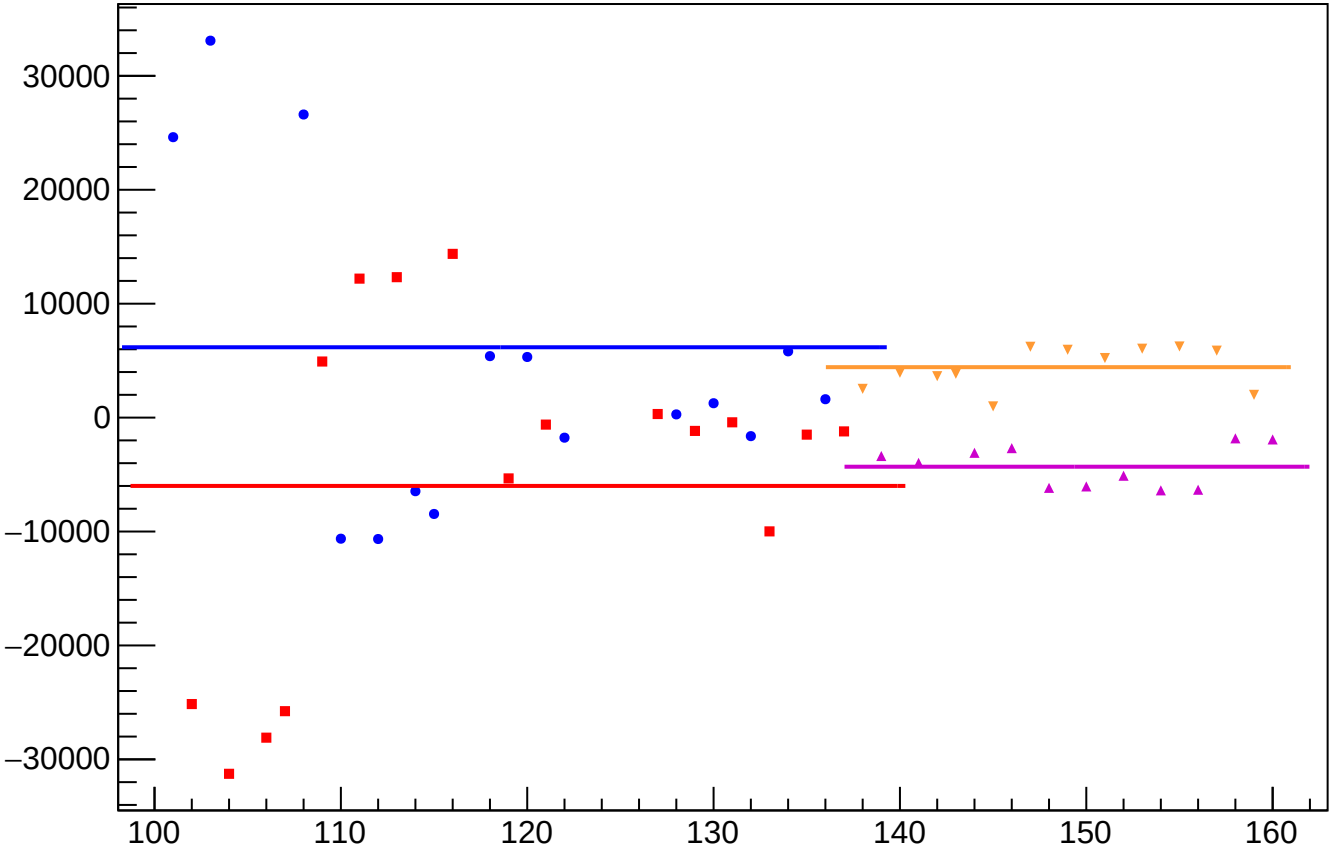
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

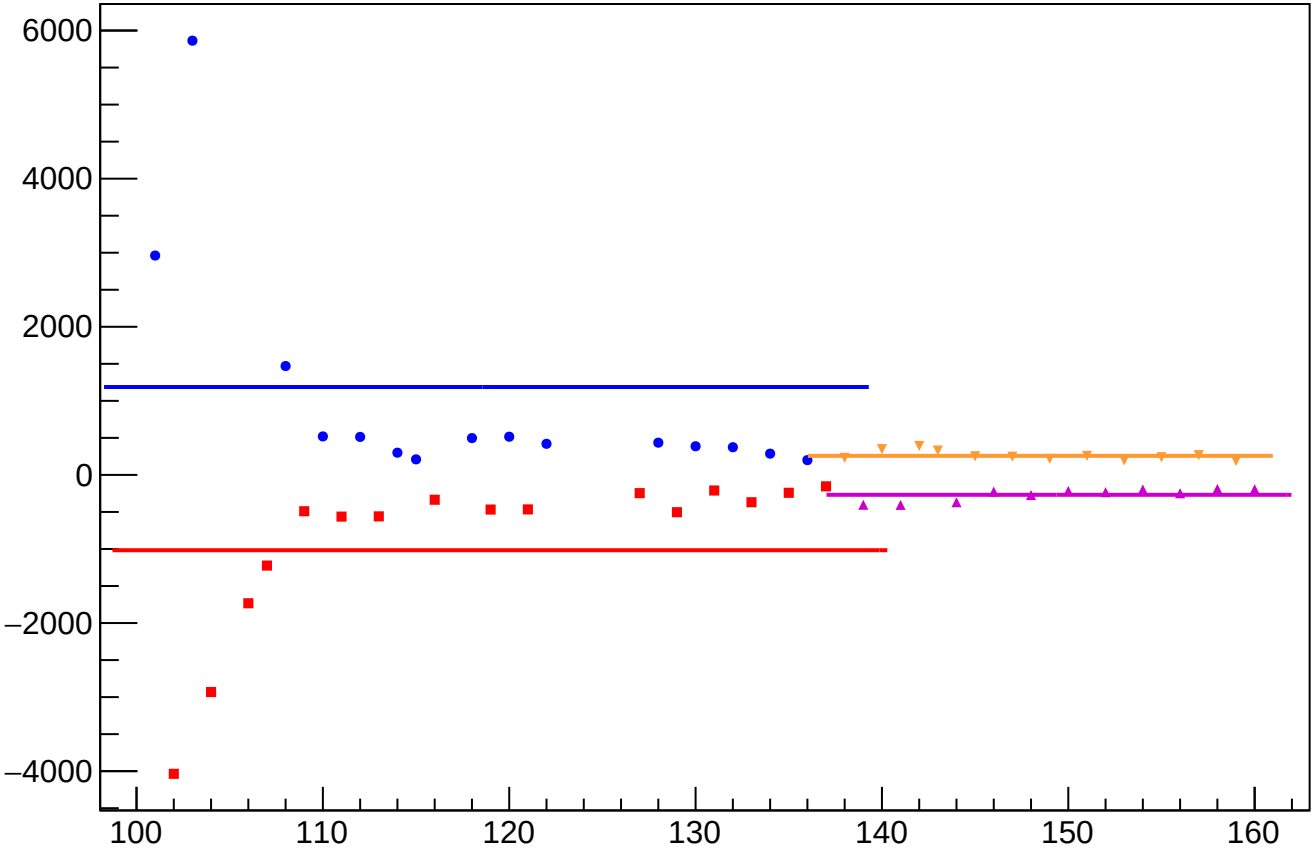
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam2_coil6_mean vs Slug, Sign Corrected



Left: 35.008+/-0.000 χ^2/NDF: 4067554181164901
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
In: 15.865+/-0.000 χ^2/NDF:1618670823869909
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
Out: 30.024+/-0.000 χ^2/NDF:1818640147944198
Left In: -4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10
All: 22.962+/-0.000 χ^2/NDF: 3437312552543

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: -7.049+/-0.000 χ^2/NDF: 1356437374052163 2

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683

Left Out: 257.255+/-0.000 χ^2/NDF:2781253601465669157863687249484316672.0/11

In: 331.962+/-0.000 χ^2/NDF:2609769726458601 5

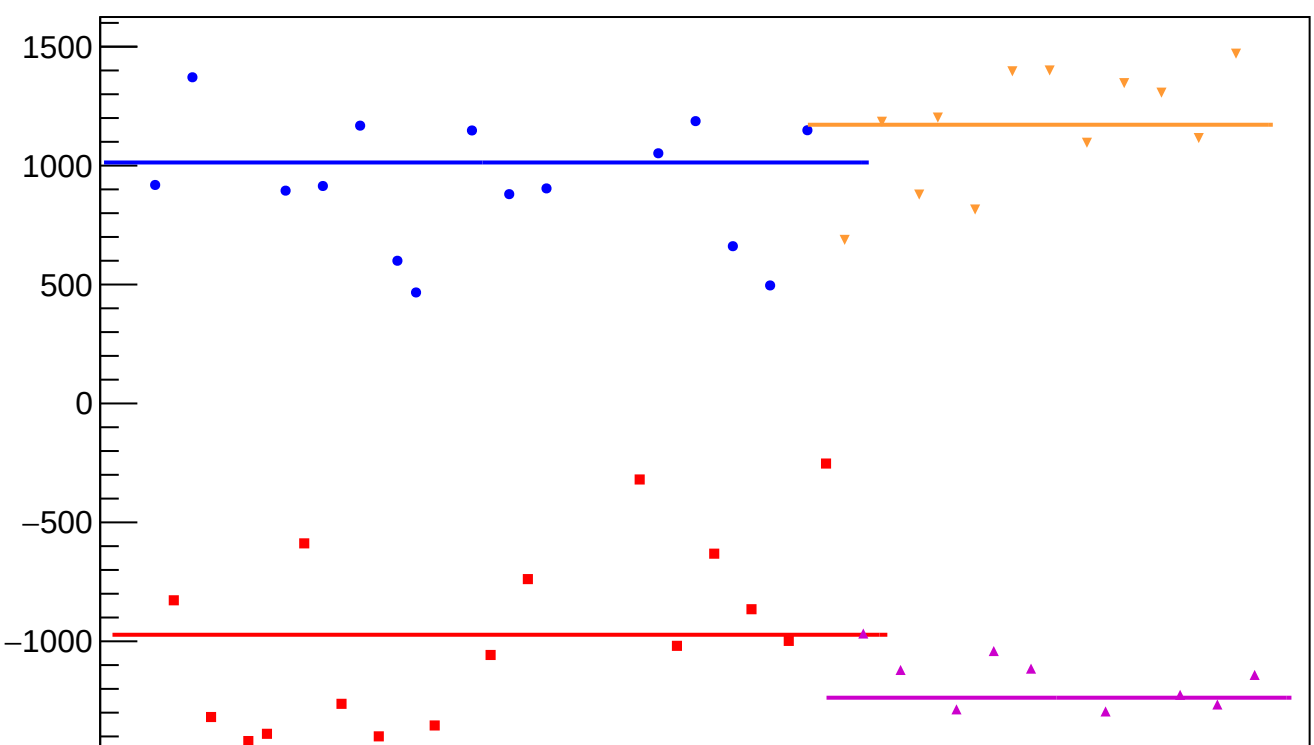
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

Out: -280.221+/-0.000 χ^2/NDF:155627640866420

Left In: -268.493+/-0.000 χ^2/NDF:5855734975706547823556607966386847744.0/10

All: 25.094+/-0.000 χ^2/NDF: 4461548431254

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

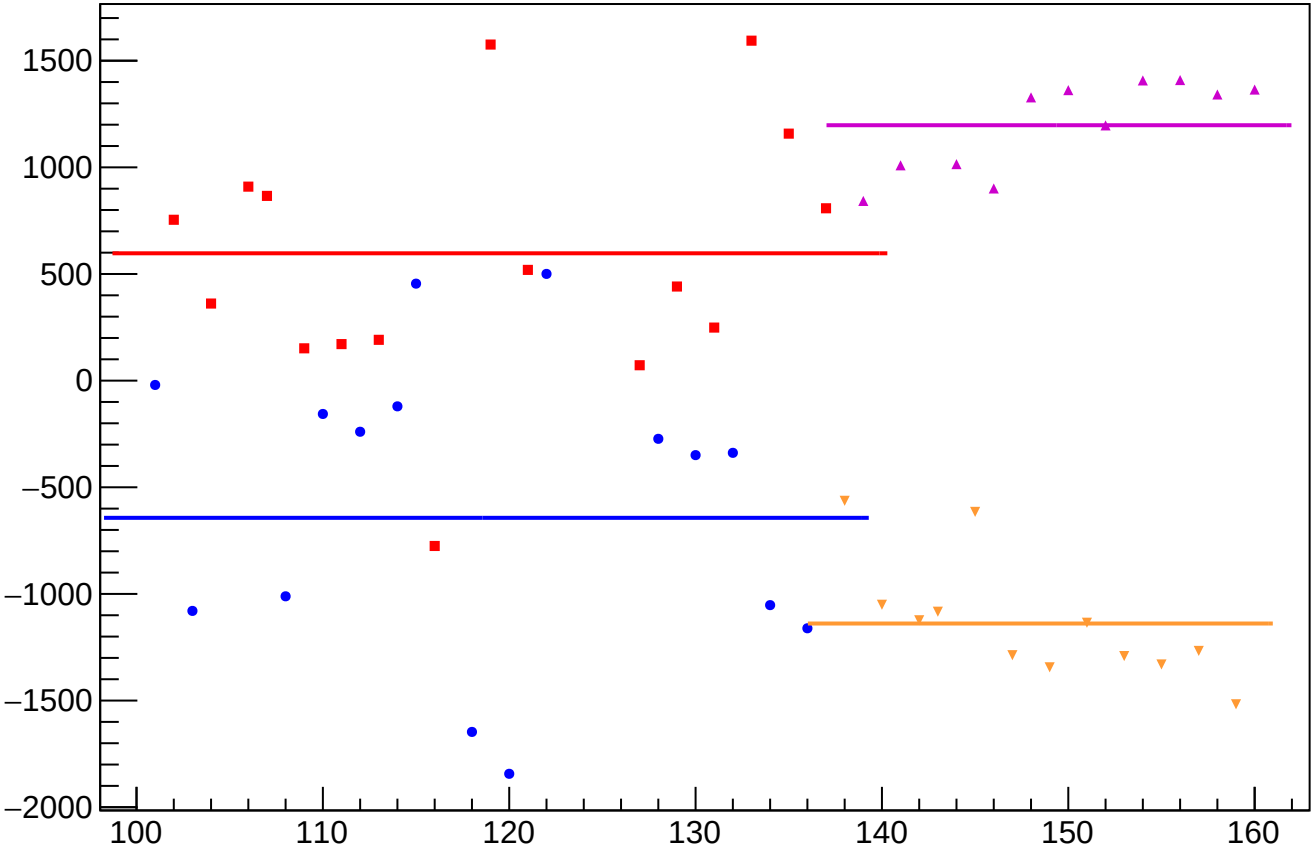
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

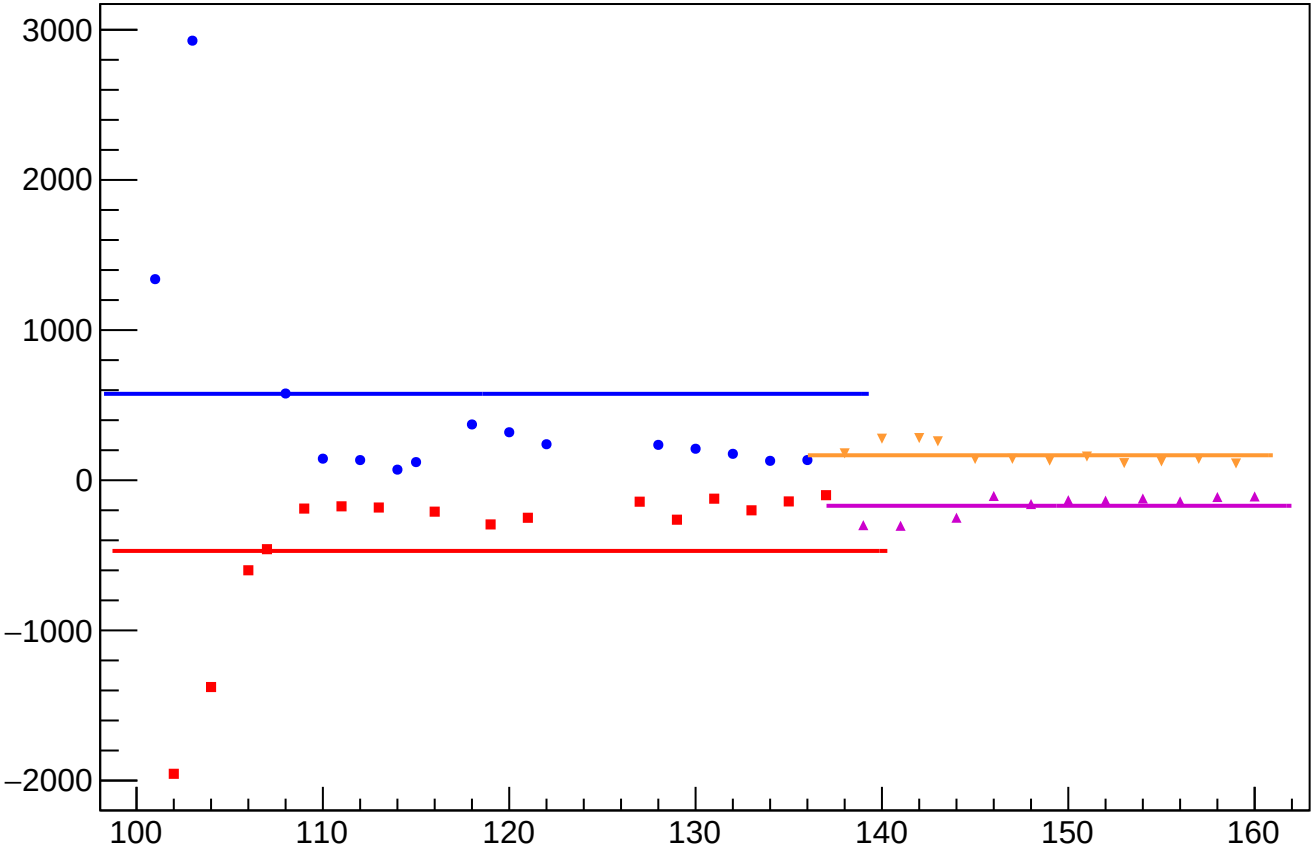
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam3_coil6_mean vs Slug, Sign Corrected



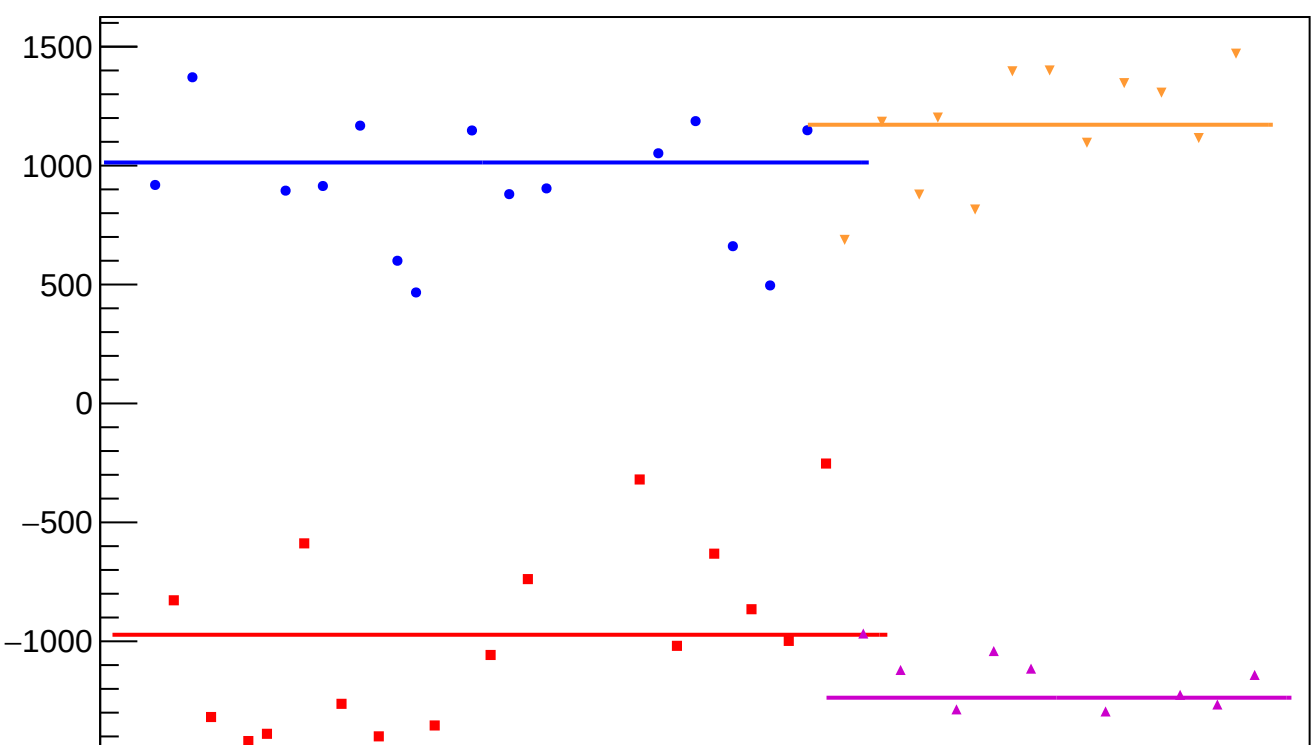
Left: 35.728+/-0.000 χ^2/NDF: 2617562196994142
Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
Right: -14.605+/-0.000 χ^2/NDF: 989448118075246
Left Out: -1138.759+/-0.000 χ^2/NDF:7100618595342425427059079171817026355 2.0/11
In: 438.045+/-0.000 χ^2/NDF:160305698716382 82
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
Out: -406.450+/-0.000 χ^2/NDF:144356337261443
Left In: 1197.503+/-0.000 χ^2/NDF:3862472214156096110271057023906663628 8.0/10
All: 14.726+/-0.000 χ^2/NDF: 360895317018 8

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: -2.777+/-0.000 χ^2/NDF: 59914587397512786
Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14
Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510
Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11
In: 137.546+/-0.000 χ^2/NDF:6494694160664590
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15
Out: -102.413+/-0.000 χ^2/NDF:368866079354582
Left In: -170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10
All: 17.262+/-0.000 χ^2/NDF: 1063737364413

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

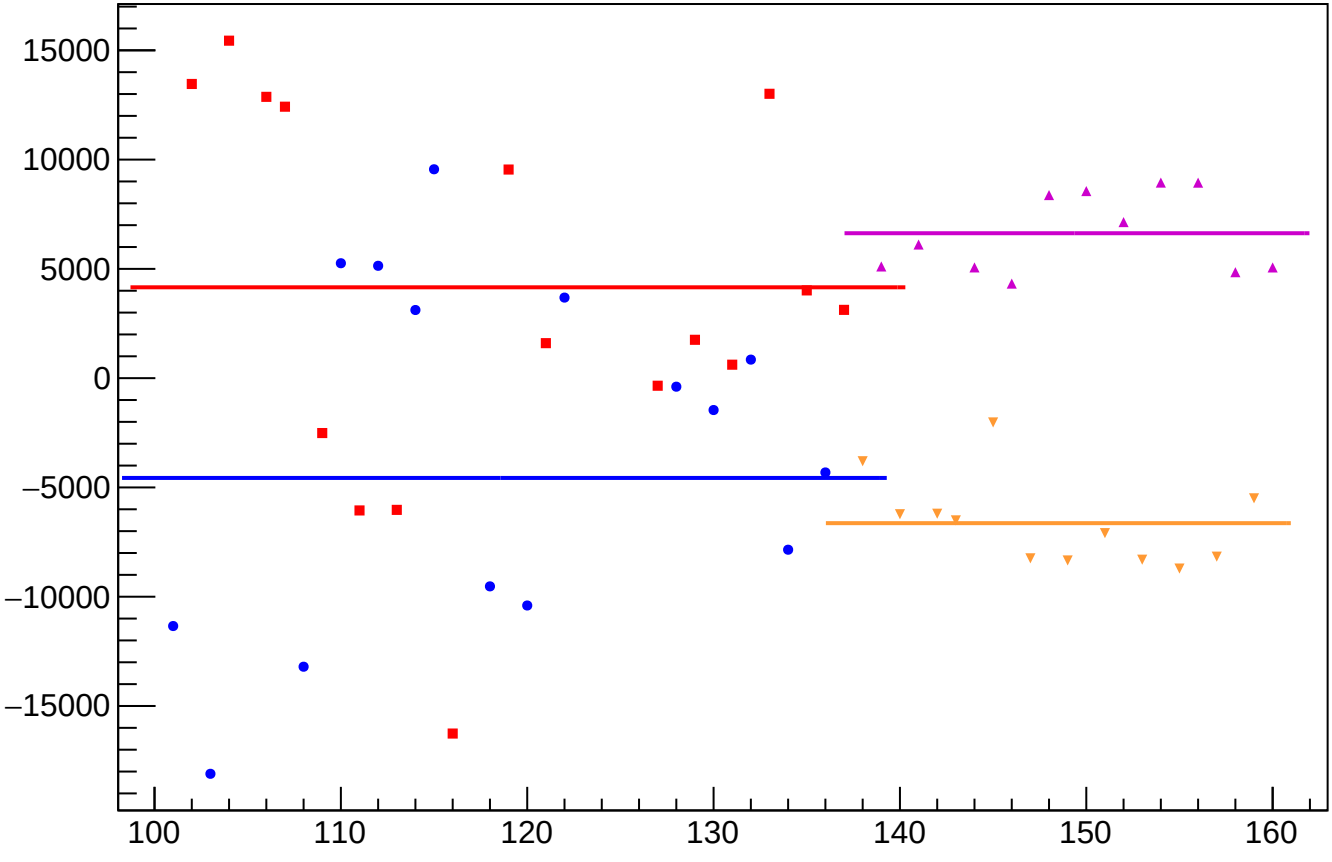
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

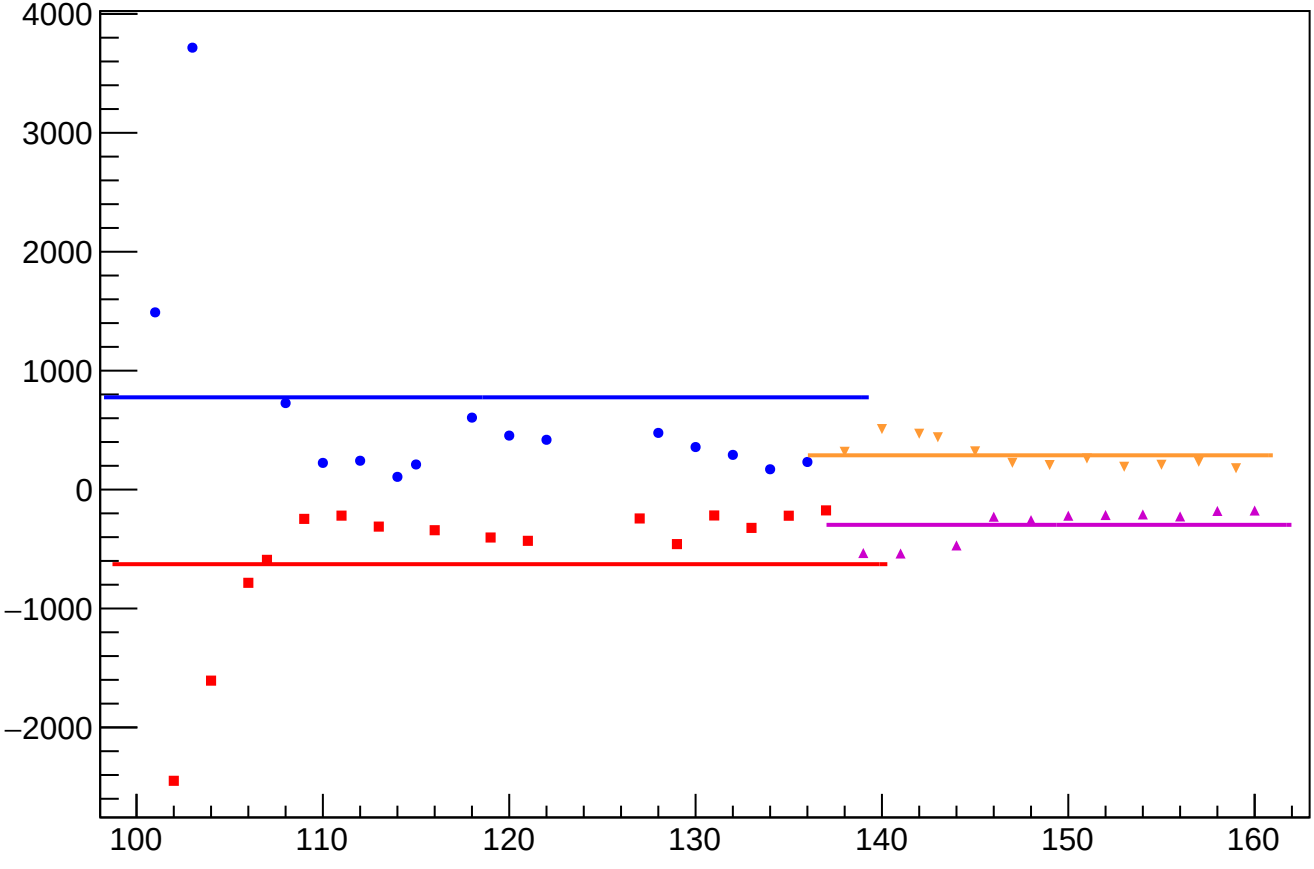
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: 34.548+/-0.000 χ^2/NDF: 8733279042780031
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -6634.457+/-0.000 χ^2/NDF:364015088040329978433954375699564540723 2.0/11
In: 2011.723+/-0.000 χ^2/NDF:862930841856365
Right Out: 4156.859+/-0.000 χ^2/NDF: 455394554416599271577084430999306821959 68.0/15
Out: -2081.764+/-0.000 χ^2/NDF:94084012188749
Left In: 6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10
All: -40.212+/-0.000 χ^2/NDF: 19358961743

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: -5.735+/-0.000 χ^2/NDF: 18477712648236645

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 288.226+/-0.000 χ^2/NDF:1060734921843509529640037672872252254 72.0/11

In: 145.919+/-0.000 χ^2/NDF:1097299663662386

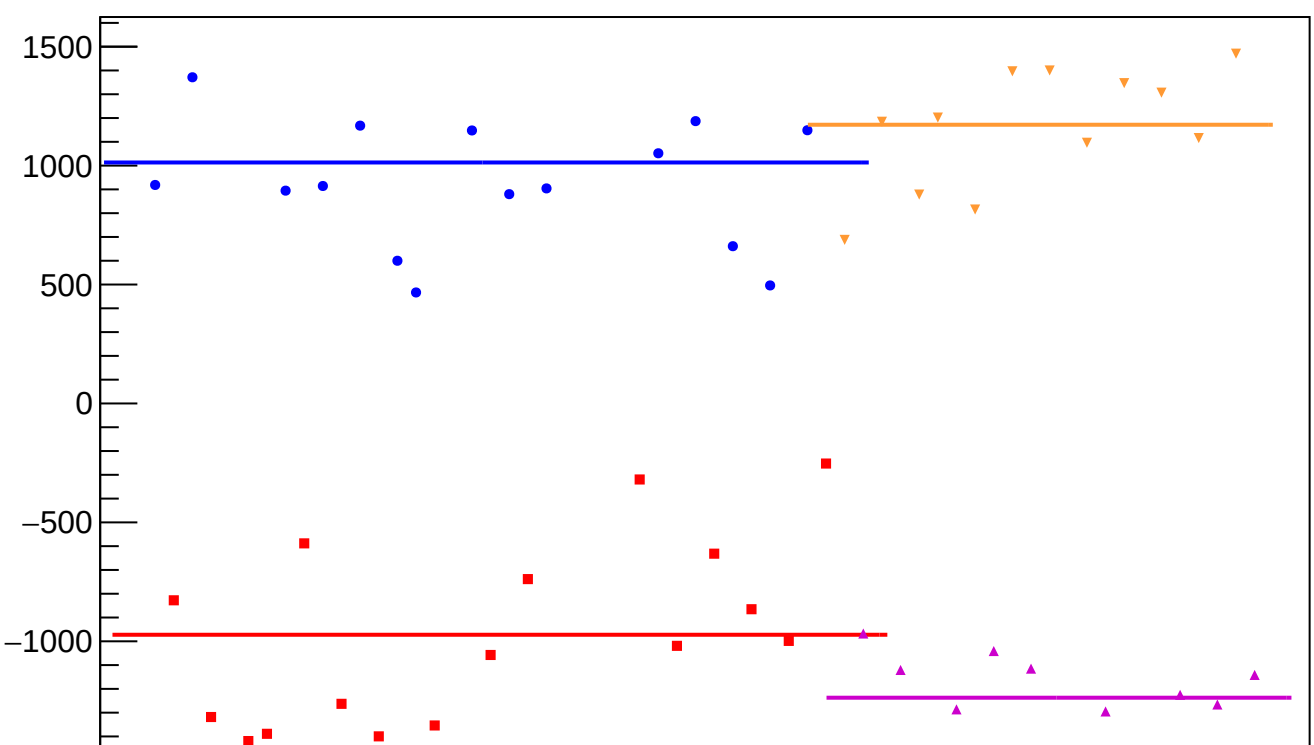
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -98.027+/-0.000 χ^2/NDF:6313426381503725

Left In: -296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

All: 23.637+/-0.000 χ^2/NDF: 177556541085

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

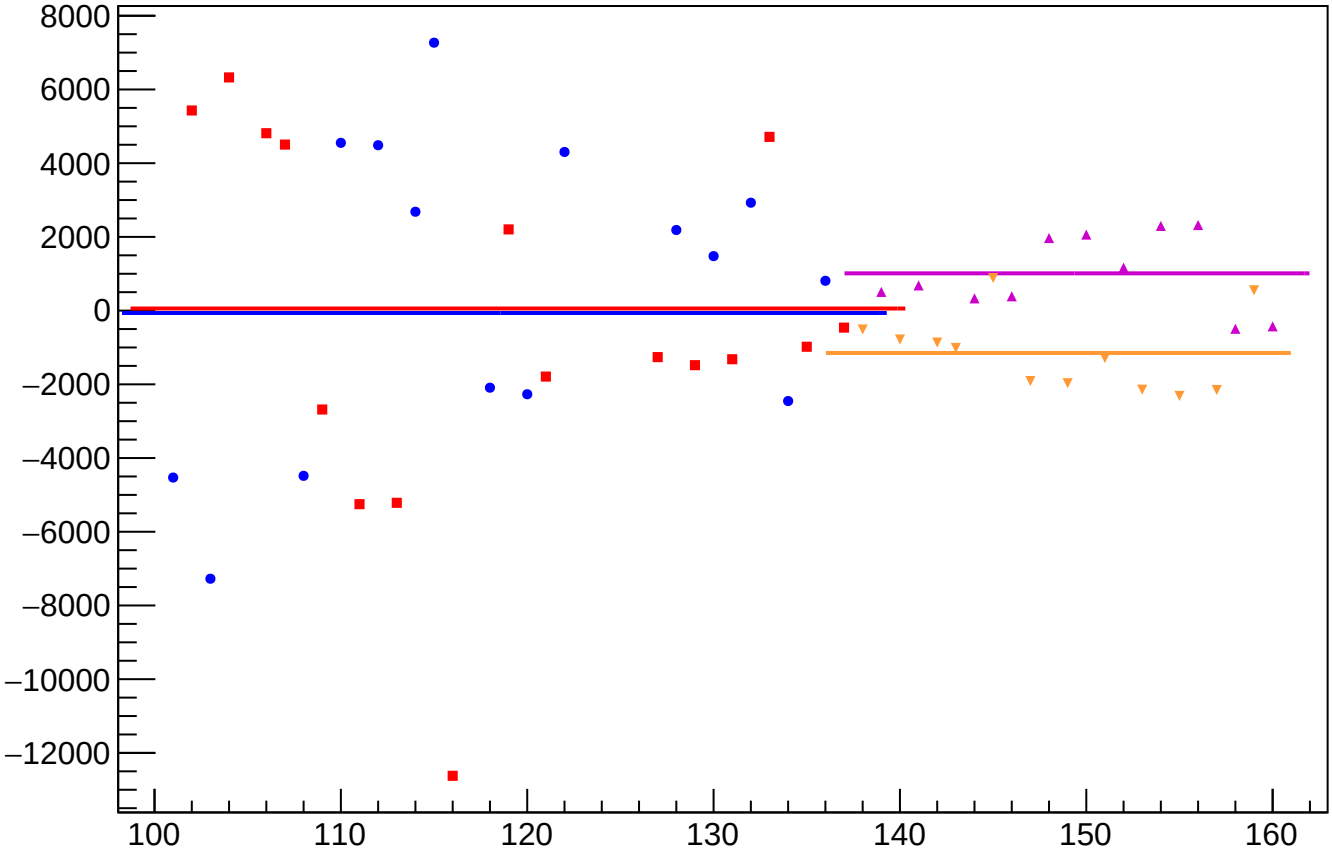
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

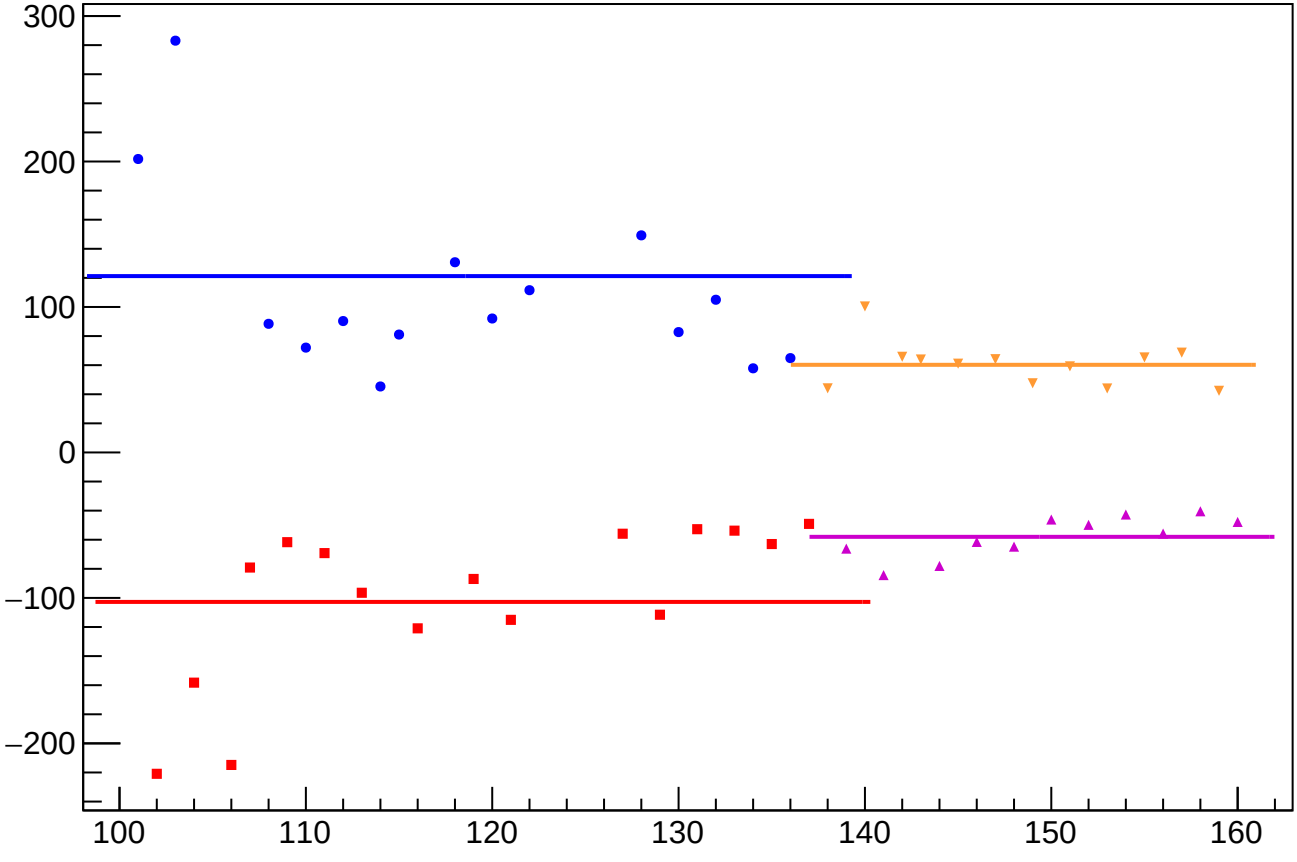
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam5_coil6_mean vs Slug, Sign Corrected



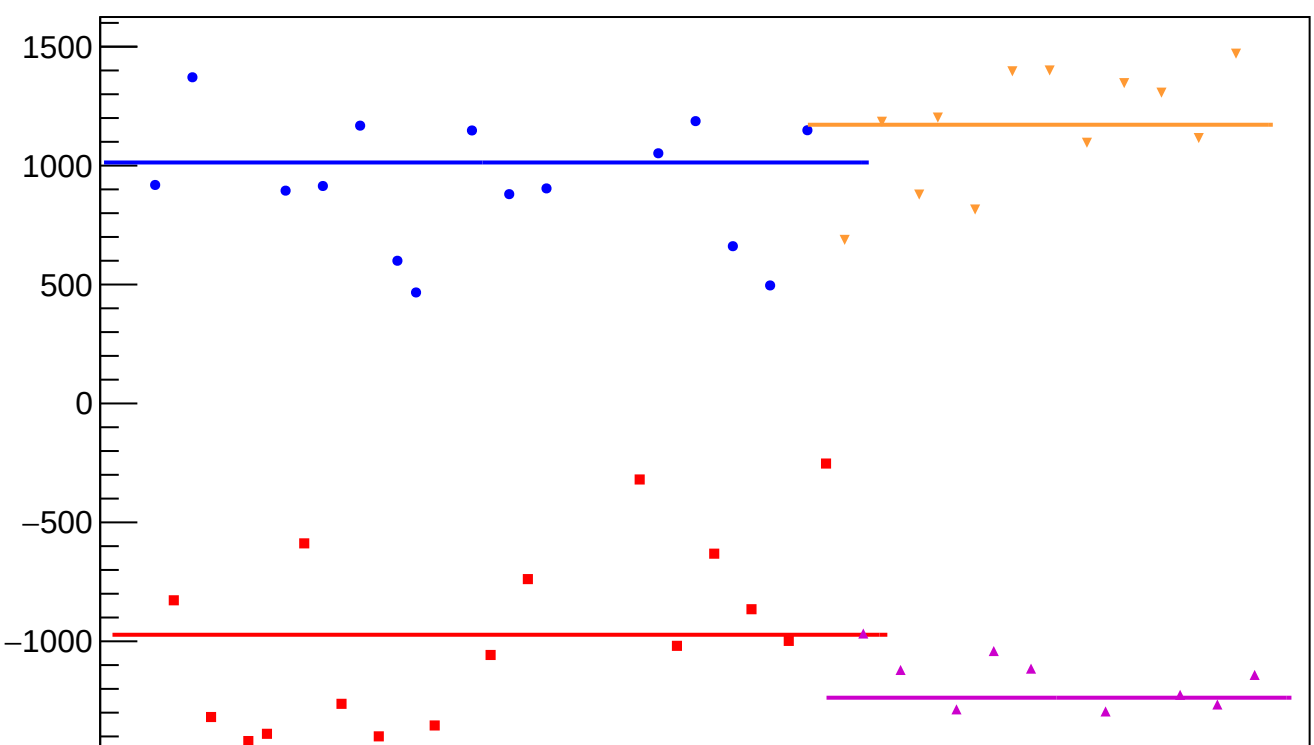
Left: -62.999+/-0.000 χ^2/NDF: 4025709858577995
Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
In: 567.326+/-0.000 χ^2/NDF:1095954142307667
Right Out: 57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15
Out: -640.131+/-0.000 χ^2/NDF:153194243932265
Left In: 1011.284+/-0.000 χ^2/NDF:9039094084218741717390015431597956792 32.0/10
All: -37.934+/-0.000 χ^2/NDF: 274285540726

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



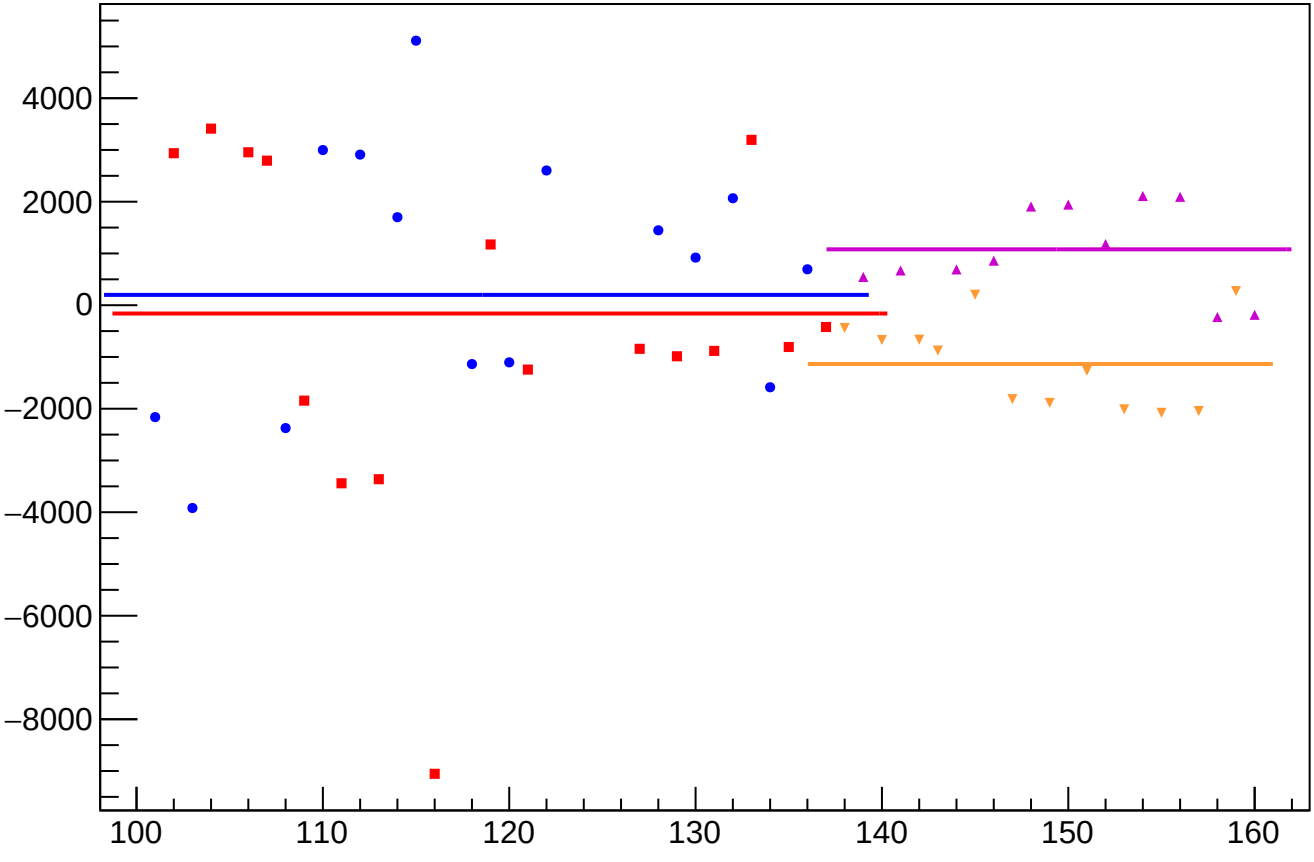
Left: 0.793+/-0.000 χ^2/NDF: 68275380749844430
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.239+/-0.000 χ^2/NDF:225102554491032869548797845500329984.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15
Out: -8.523+/-0.000 χ^2/NDF:12436372618875294
Left In: -58.011+/-0.000 χ^2/NDF:177427701786540438757655027214450688.0/10
All: 3.678+/-0.000 χ^2/NDF: 28056421642135

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: -21.924+/-0.000 χ^2/NDF: 3523794568652633

Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14

Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185

Left Out: -1135.455+/-0.000 χ^2/NDF:6546975925965793491330100581789251665 92.0/11

In: 716.457+/-0.000 χ^2/NDF:4178153737741059 8

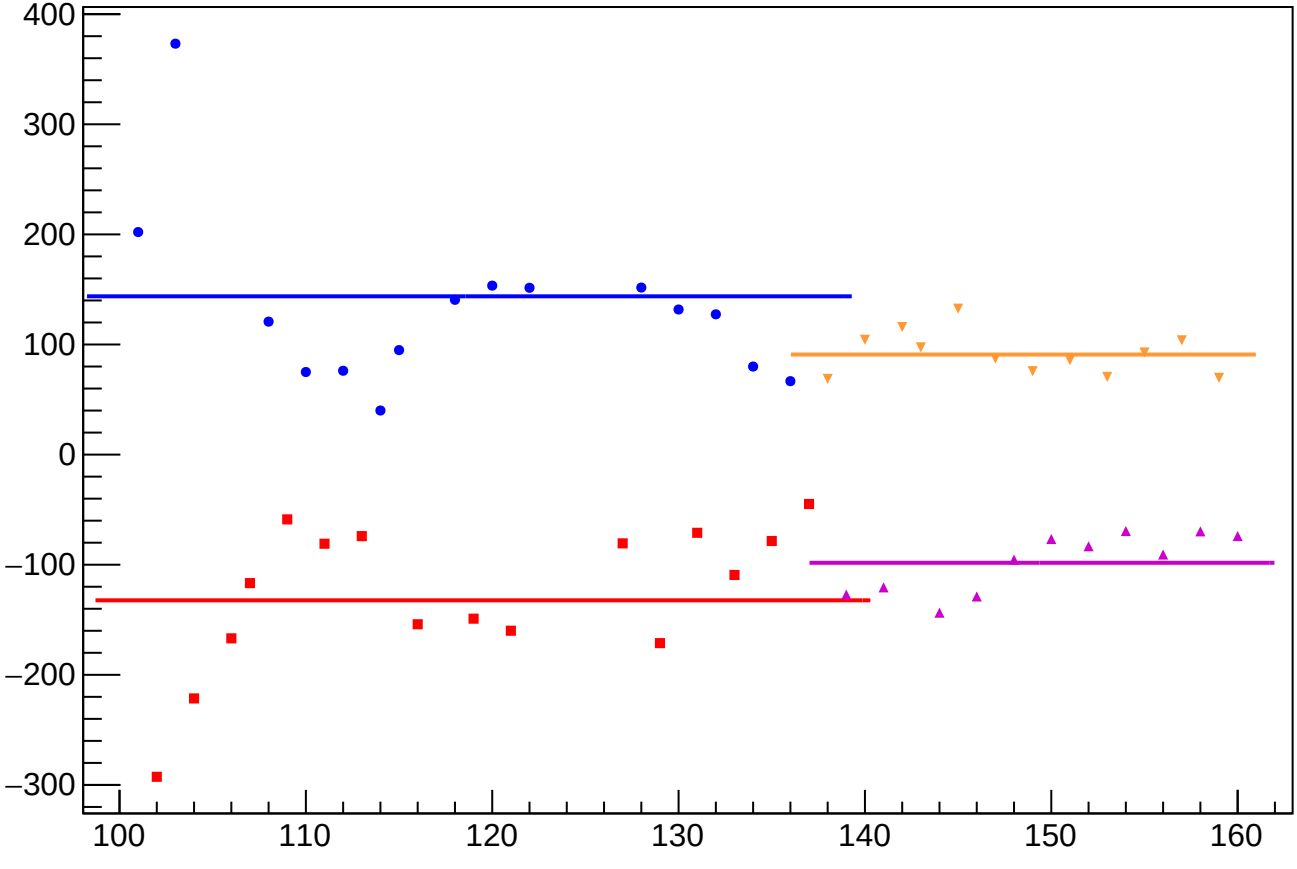
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

Out: -724.141+/-0.000 χ^2/NDF:6701794637577 53

Left In: 1079.555+/-0.000 χ^2/NDF:6147343985758774528580327527109120 49152.0/10

All: -5.669+/-0.000 χ^2/NDF: 1251632905272

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -4.202+/-0.000 χ^2/NDF: 17384612750229045

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

In: 1.598+/-0.000 χ^2/NDF:274659541456019497 0

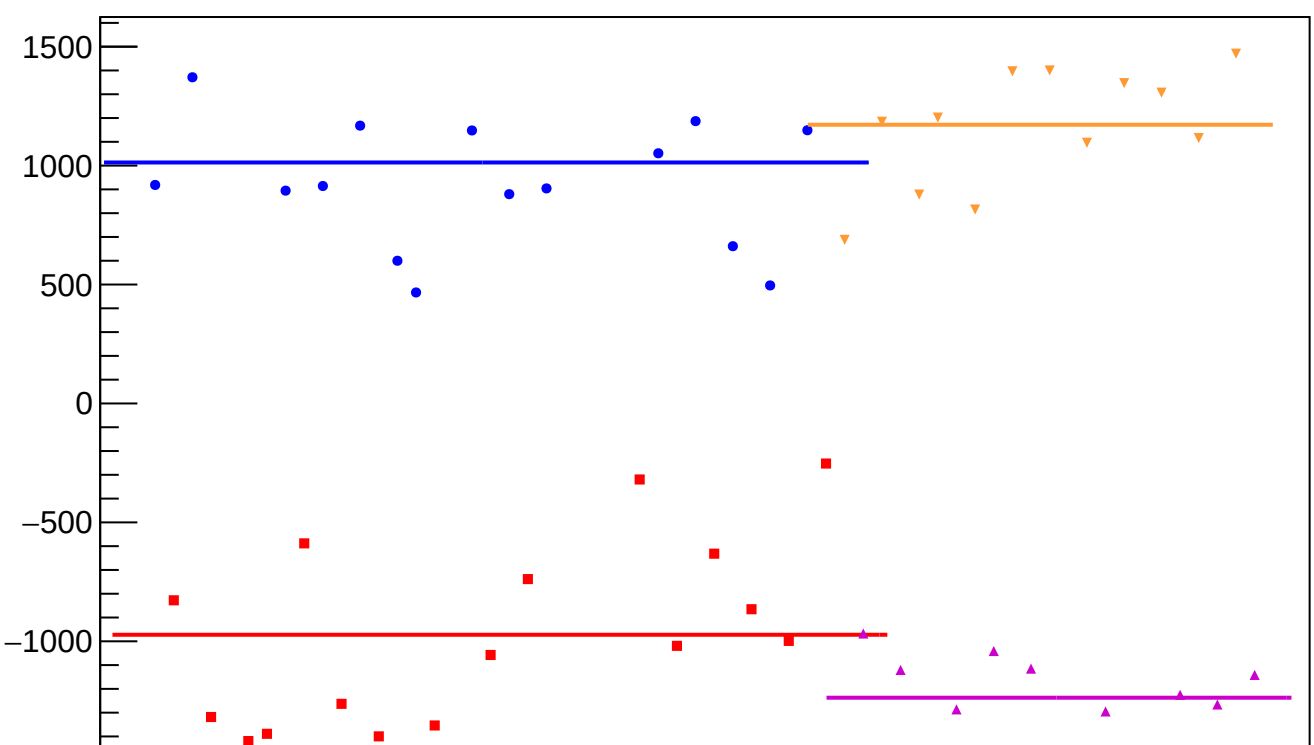
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -3.293+/-0.000 χ^2/NDF:22714212497857002

Left In: -98.257+/-0.000 χ^2/NDF:62099377677309339303336942847079 2192.0/10

All: -0.854+/-0.000 χ^2/NDF: 5019902274084

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

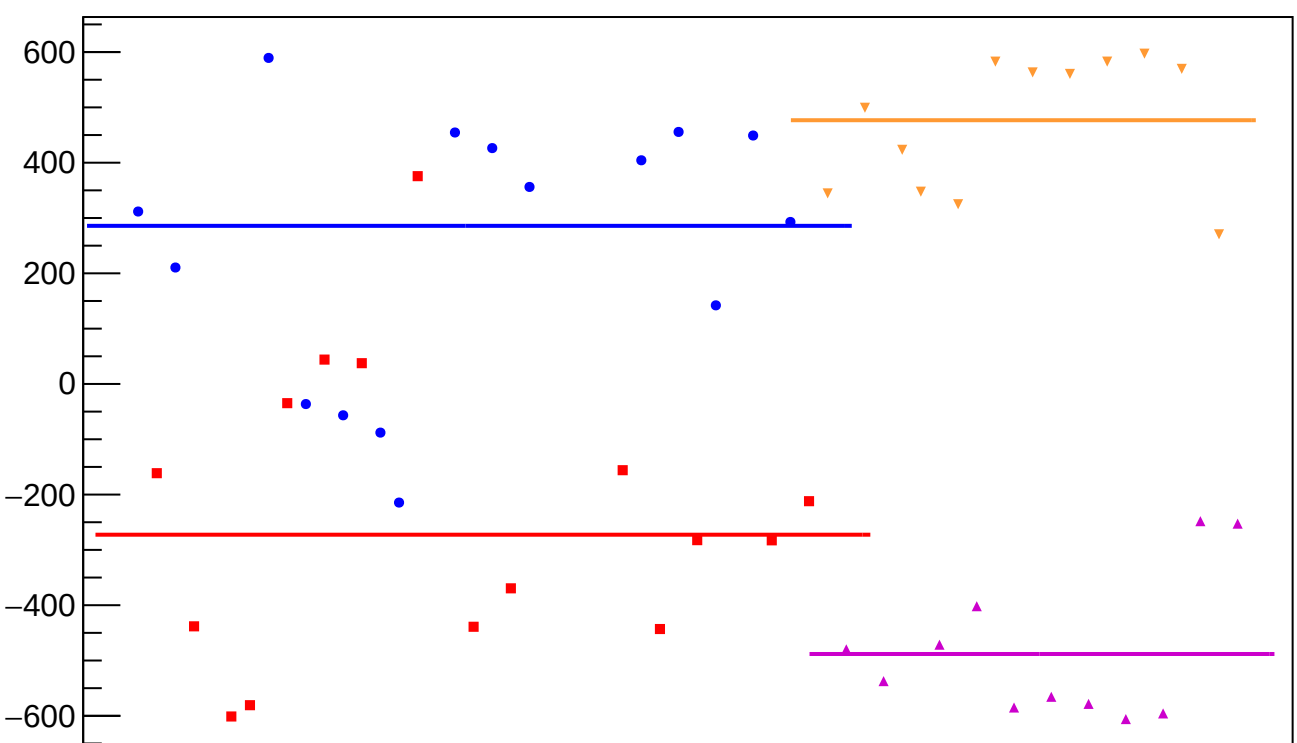
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

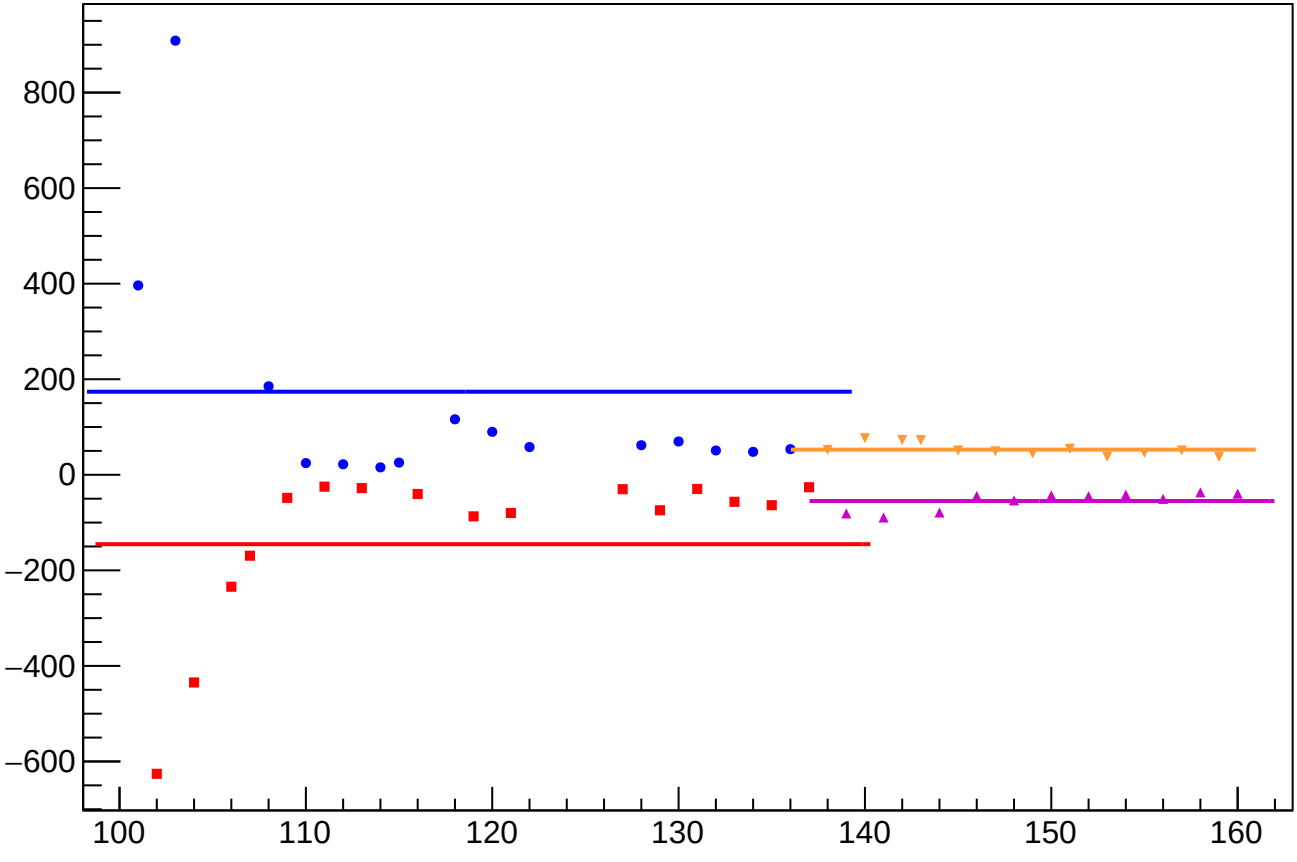
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam7_coil6_mean vs Slug, Sign Corrected



Left: -8.329+/-0.000 χ^2/NDF: 4544089185144213
Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14
Right: 2.840+/-0.000 χ^2/NDF: 1708227674194589 5
Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11
In: -168.836+/-0.000 χ^2/NDF:2663585226046871
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15
Out: 160.663+/-0.000 χ^2/NDF:2733623549167339
Left In: -488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10
All: -3.669+/-0.000 χ^2/NDF: 6253273590333

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: -1.410+/-0.000 χ^2/NDF: 57550913372035412

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 52.656+/-0.000 χ^2/NDF:14015942338588797669206616754146508 8.0/11

In: 39.493+/-0.000 χ^2/NDF:61956402161347872 4

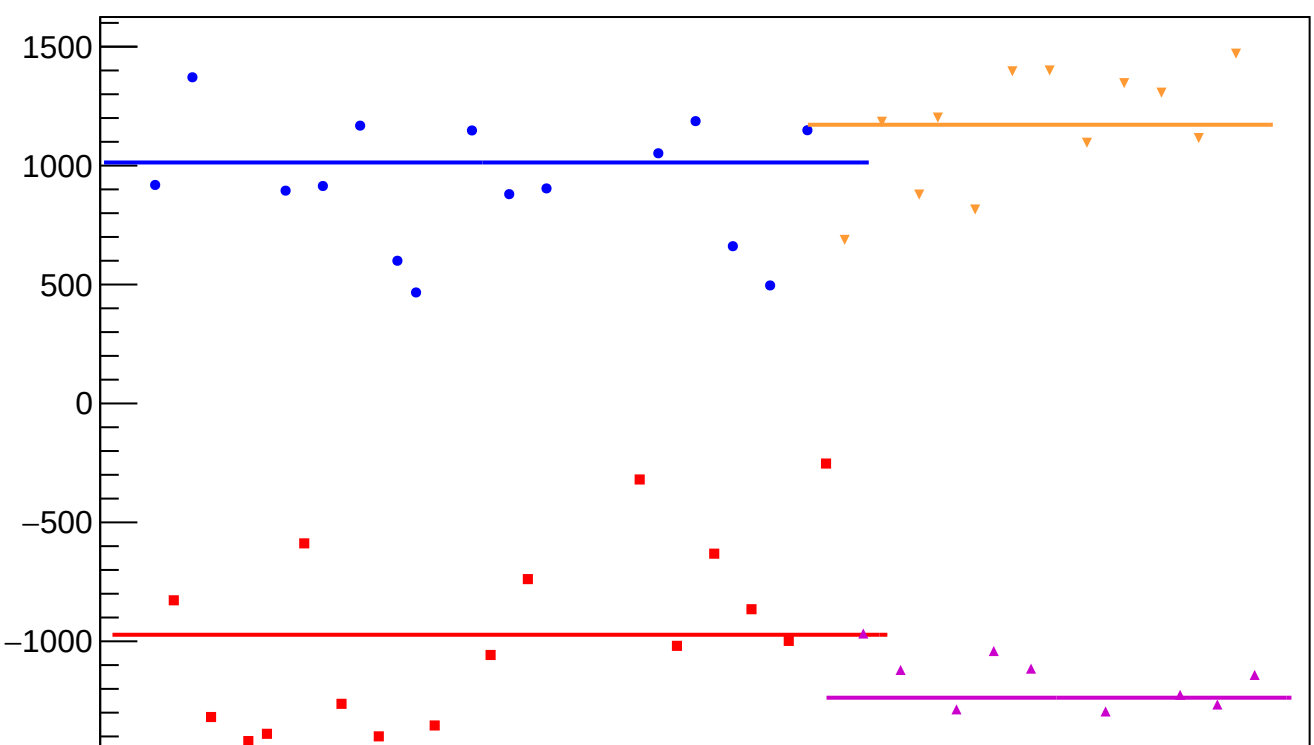
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -30.828+/-0.000 χ^2/NDF:3776923807481634

Left In: -54.891+/-0.000 χ^2/NDF:3003582745061136124863381758845911 04.0/10

All: 4.243+/-0.000 χ^2/NDF: 1036248534255 5

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

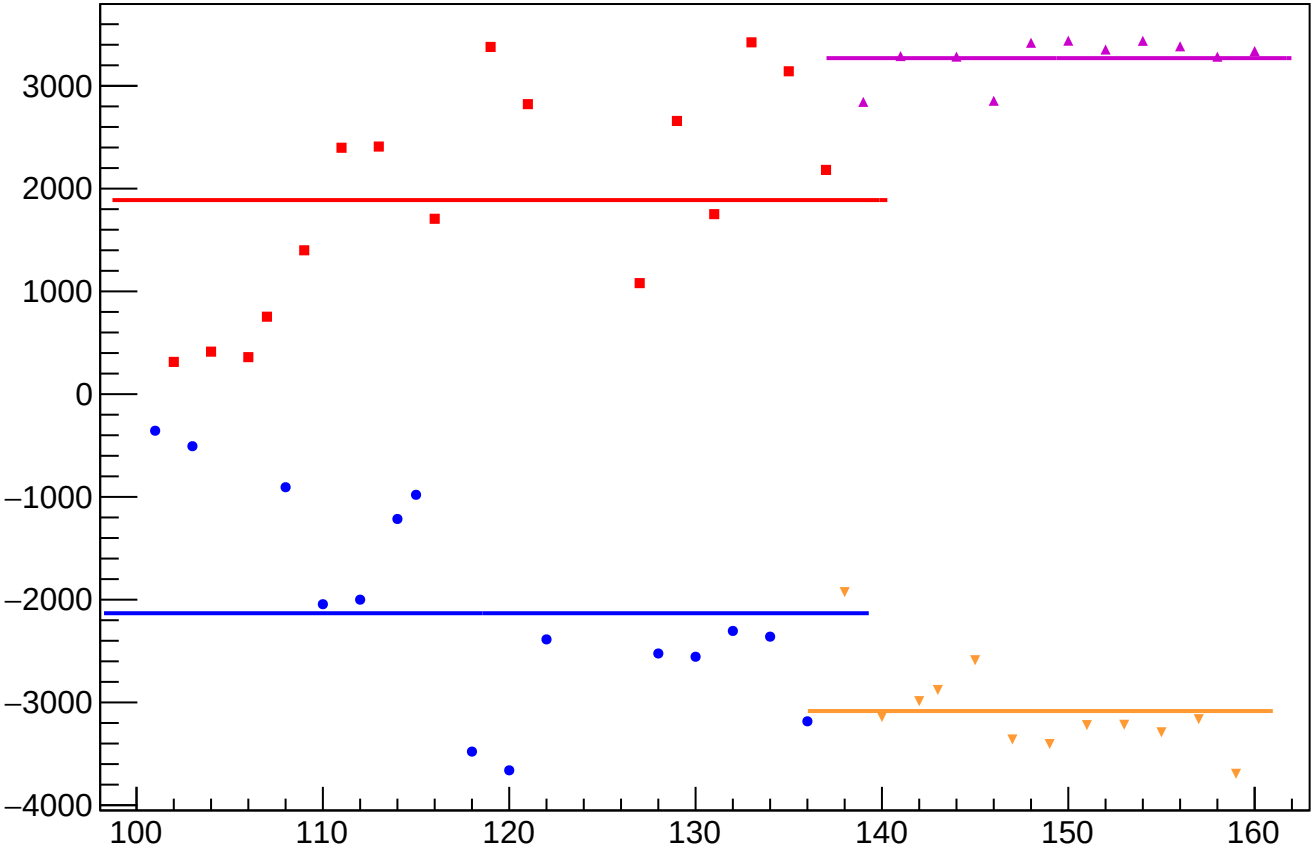
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

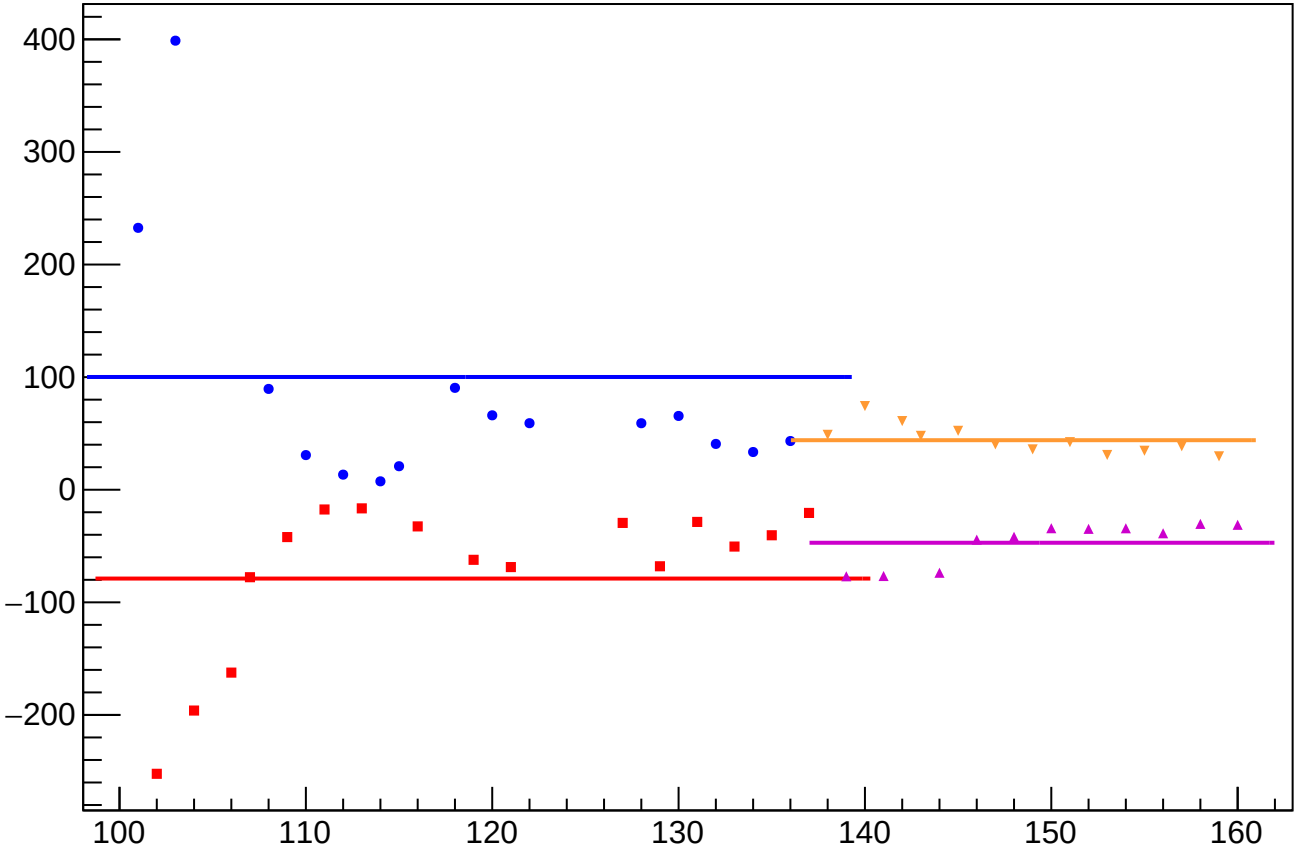
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: 110.297+/-0.000 χ^2/NDF: 1876439765485971
Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
Right: -94.234+/-0.000 χ^2/NDF: 683113062504059
Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11
In: 1041.098+/-0.000 χ^2/NDF:1188405782367471
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
Out: -986.042+/-0.000 χ^2/NDF:105033900940683
Left In: 3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10
All: 24.957+/-0.000 χ^2/NDF: 2562760992420

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: -1.797+/-0.000 χ^2/NDF: 42588434917302014

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 21880477100402541

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

In: 13.652+/-0.000 χ^2/NDF:16380012936248555

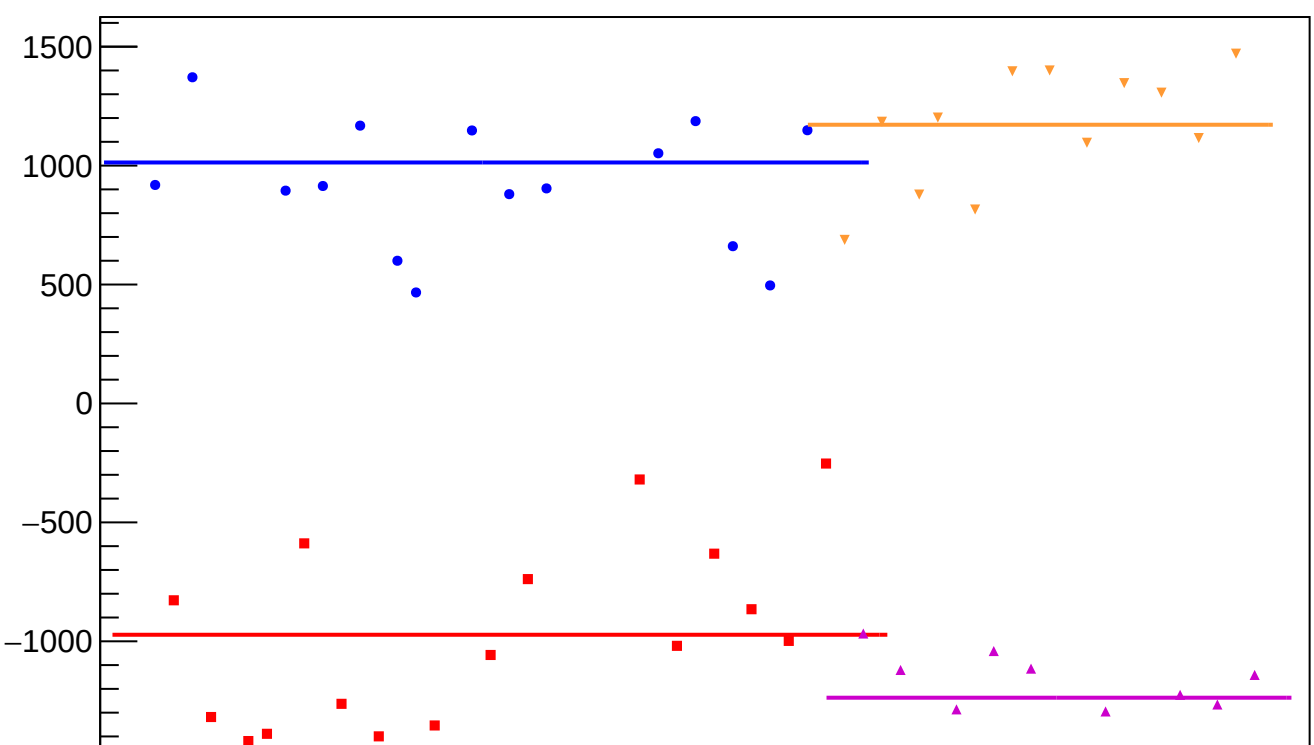
Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -7.845+/-0.000 χ^2/NDF:94911269536078839

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

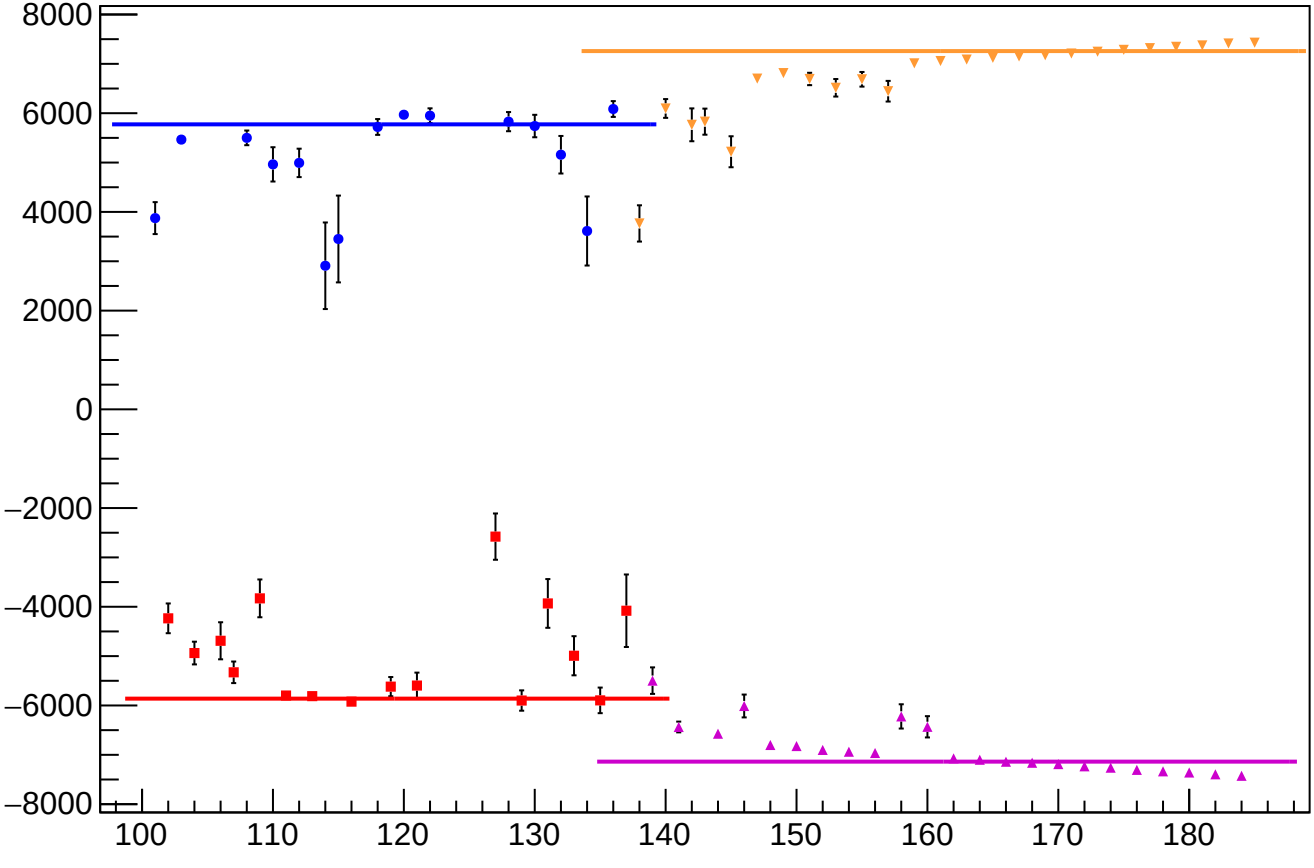
All: 2.876+/-0.000 χ^2/NDF: 2623551568947 9

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -7137.987+/-0.098 χ^2/NDF:4549121.8/22

Left: 544.300+/-0.067 χ^2/NDF: 11467691043.9/47

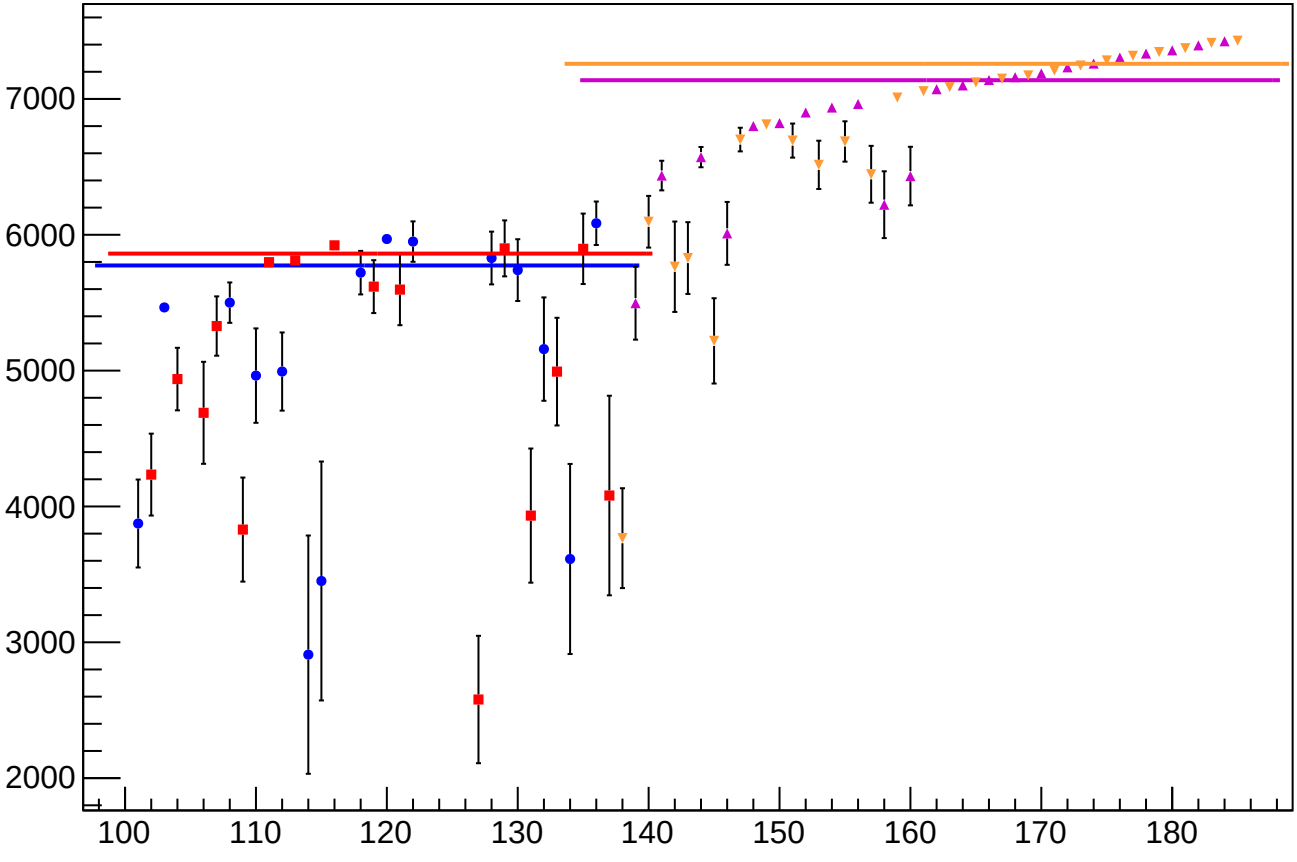
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -4211.004+/-0.086 χ^2/NDF:3922075931.5/37

Out: 3294.134+/-0.077 χ^2/NDF:6170438889.1/40

All: -15.116+/-0.057 χ^2/NDF: 14311598667.5

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

Left: 7202.367+/-0.067 χ^2/NDF: 9591818.2/47

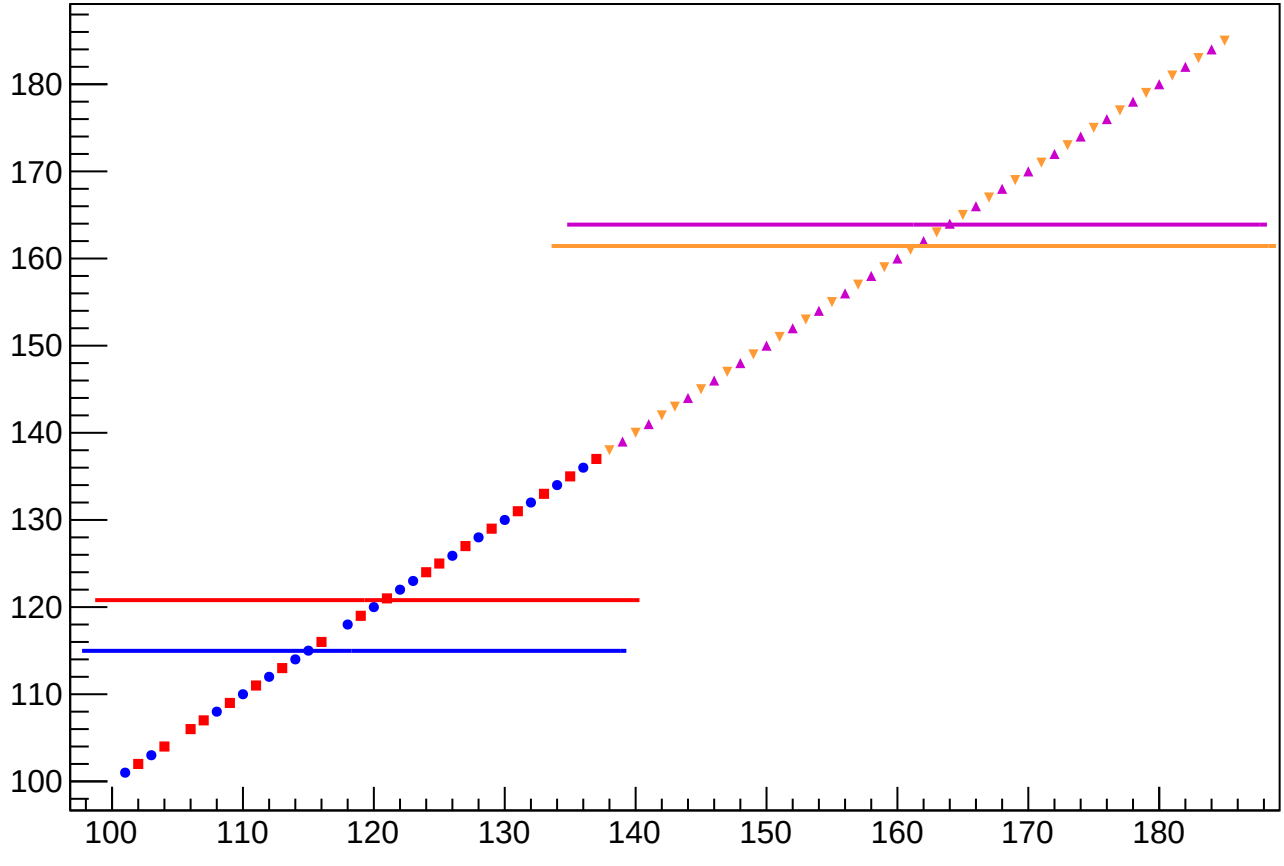
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6828.818+/-0.086 χ^2/NDF:50065585.8/37

Out: 6836.451+/-0.077 χ^2/NDF:74342923.0/40

All: 6833.085+/-0.057 χ^2/NDF: 124412873.1

dit_slug_slope vs Slug, Sign Corrected



Left: 162.851+/-0.000 χ^2/NDF: 3540465111321937

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Right: 117.302+/-0.000 χ^2/NDF: 172044633770068

Left Out: 161.437+/-0.000 χ^2/NDF:1443514150867720869199862059499 52.0/24

In: 138.150+/-0.000 χ^2/NDF:19909207355439177

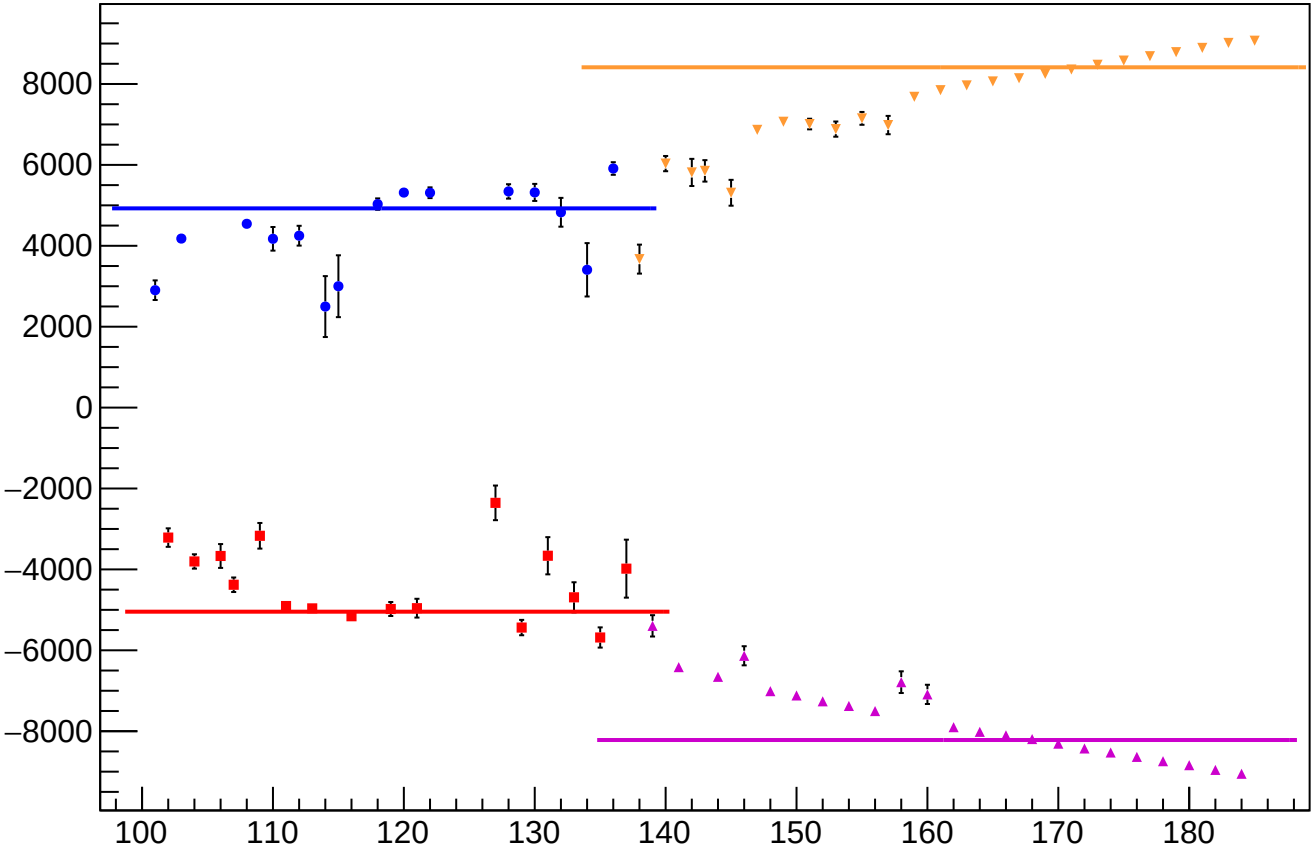
Right Out: 120.798+/-0.000 χ^2/NDF: 39759758039532944522978032353280.0/17

Out: 141.079+/-0.000 χ^2/NDF:992205372524107 7

Left In: 163.890+/-0.000 χ^2/NDF:206308926090069183709360387260416.0/22

All: 139.354+/-0.000 χ^2/NDF: 299301426527

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -8217.639+/-0.381 χ^2/NDF:2974101.4/22

Left: -221.056+/-0.274 χ^2/NDF: 921962342.7/47

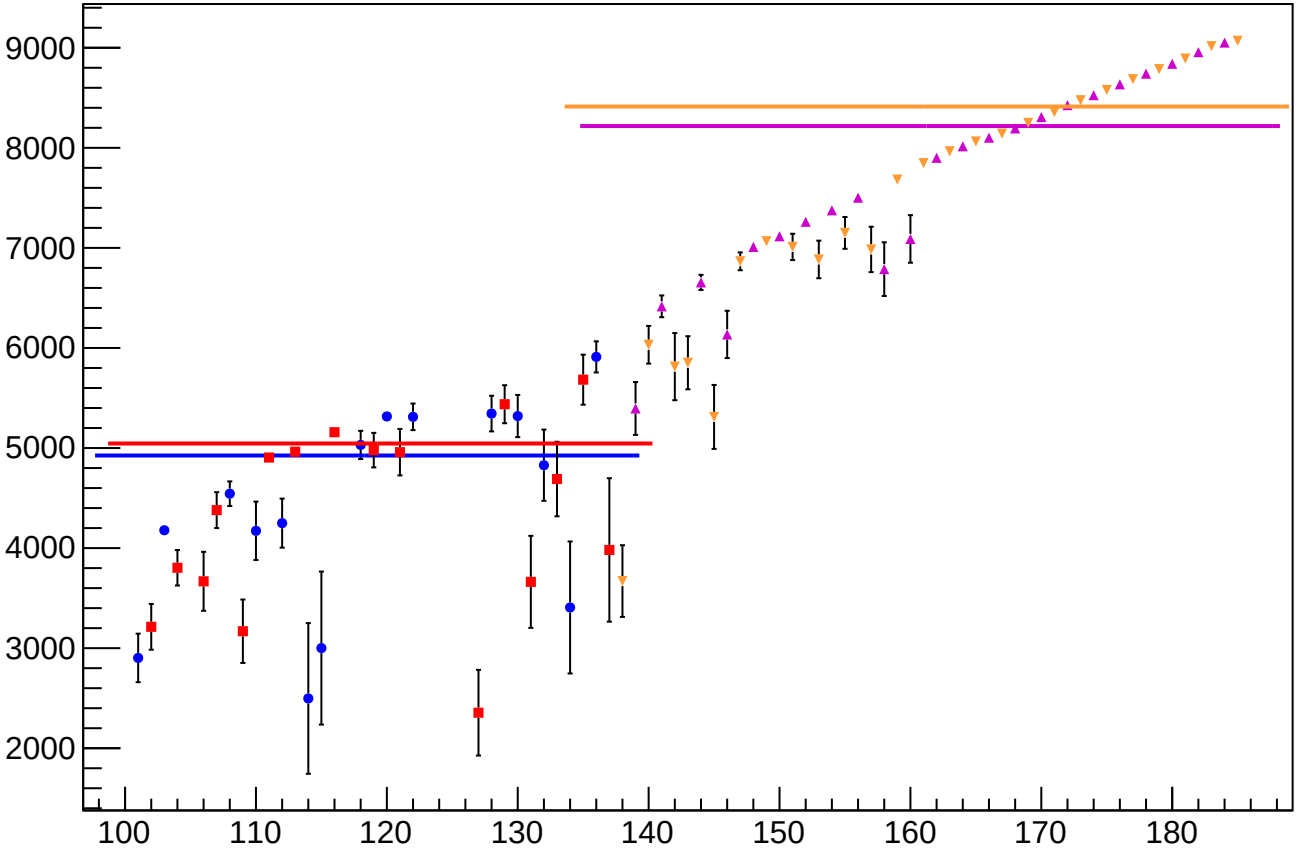
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -6360.026+/-0.353 χ^2/NDF:171632346.5/37

Out: 4915.430+/-0.340 χ^2/NDF:302691560.4/40

All: -519.775+/-0.245 χ^2/NDF: 1003073907.0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

Left: 8311.458+/-0.274 χ^2/NDF: 5206774.3/47

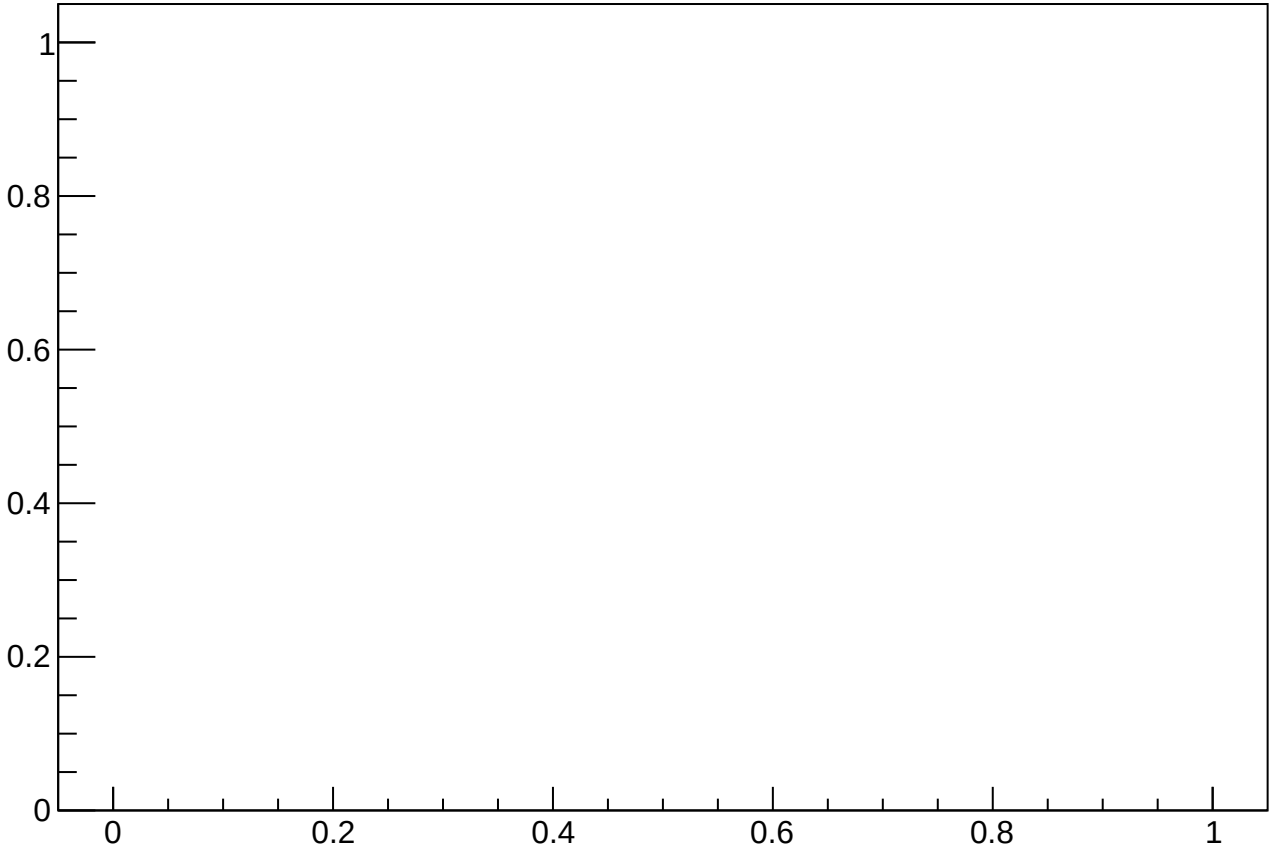
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 7752.303+/-0.353 χ^2/NDF:13867841.6/37

Out: 7537.633+/-0.340 χ^2/NDF:20955273.2/40

All: 7641.112+/-0.245 χ^2/NDF: 35014772.5/7

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

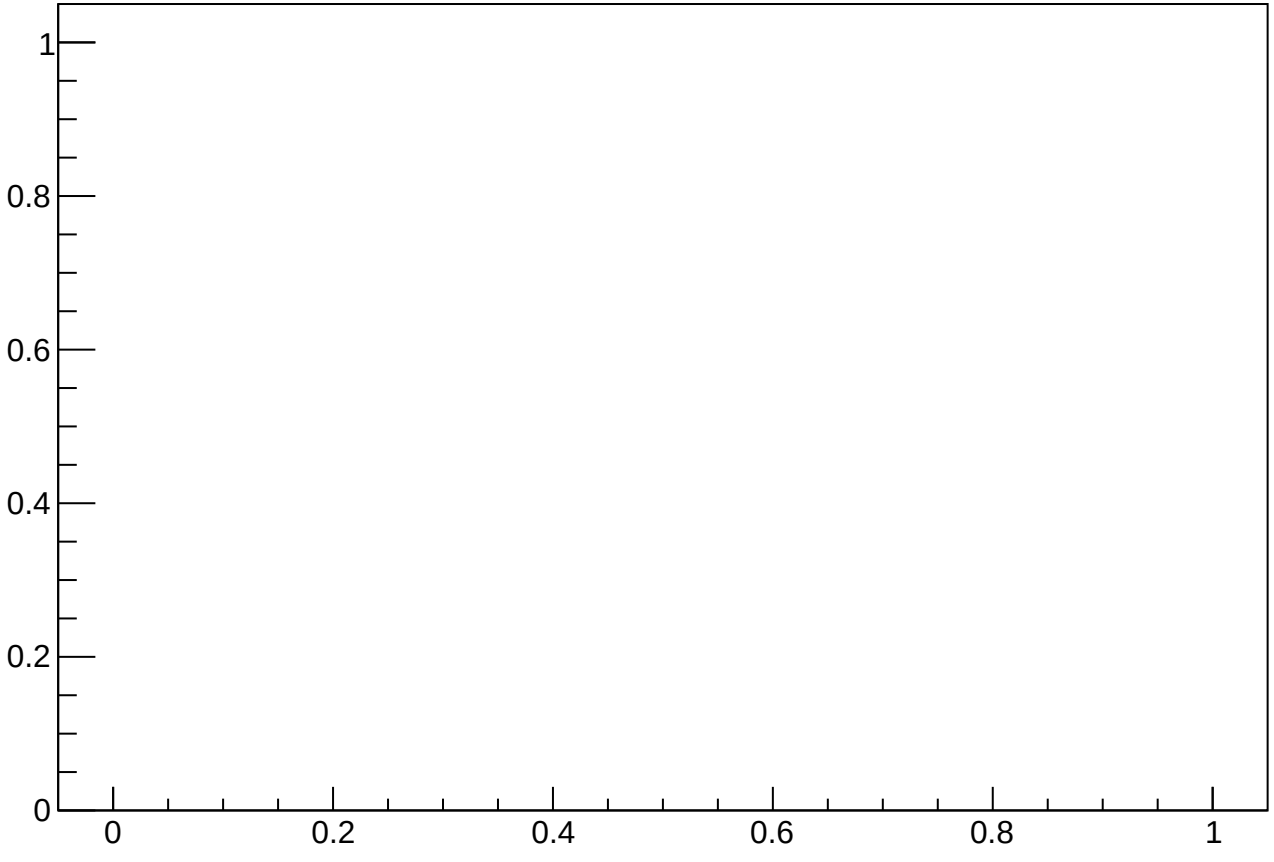
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

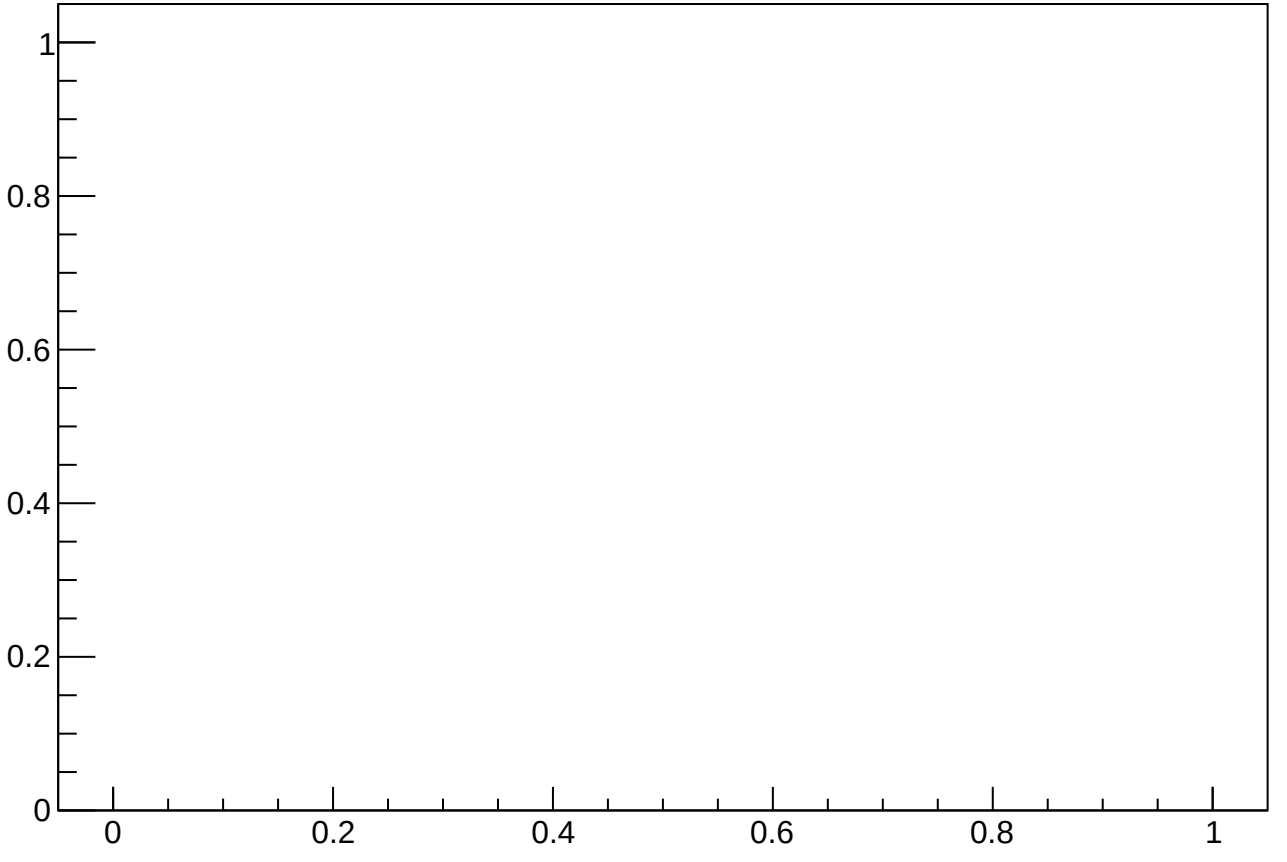
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

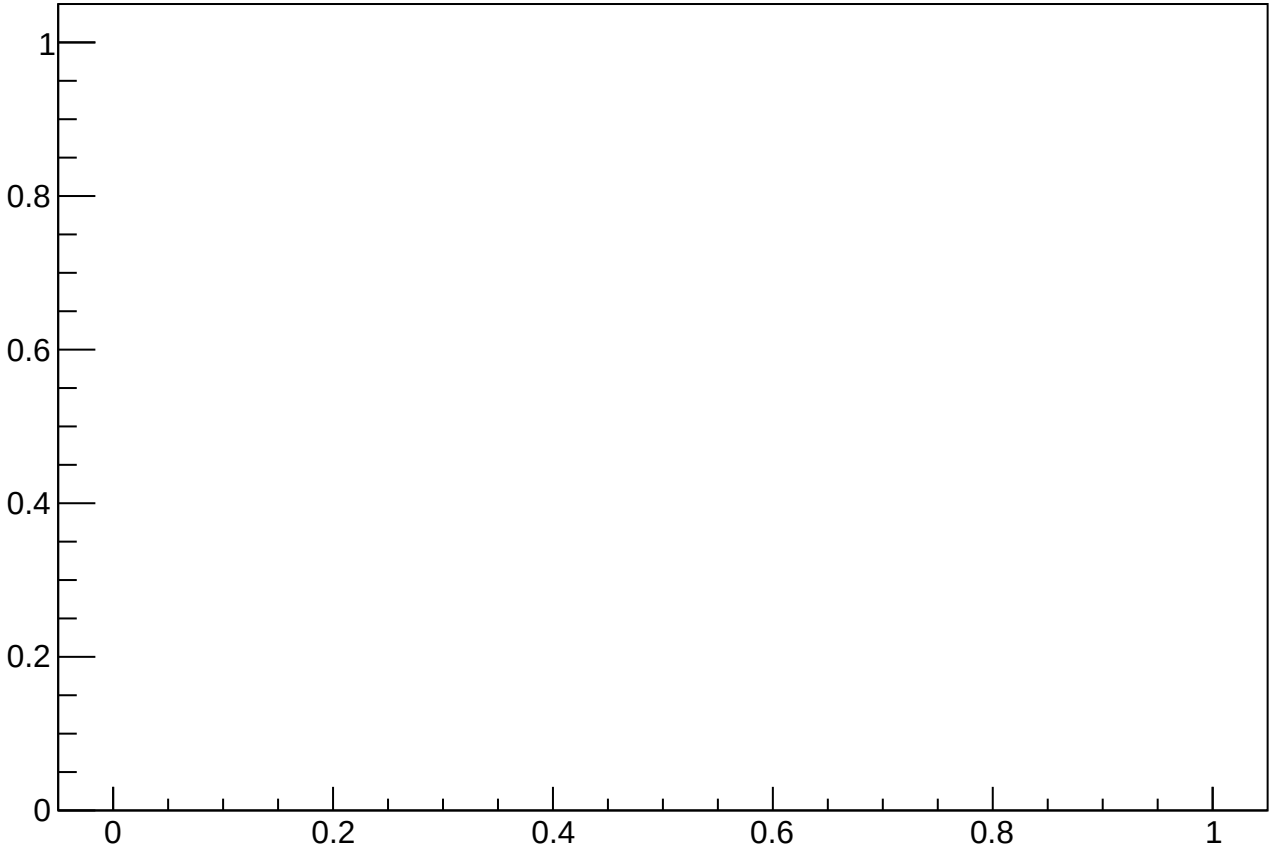
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

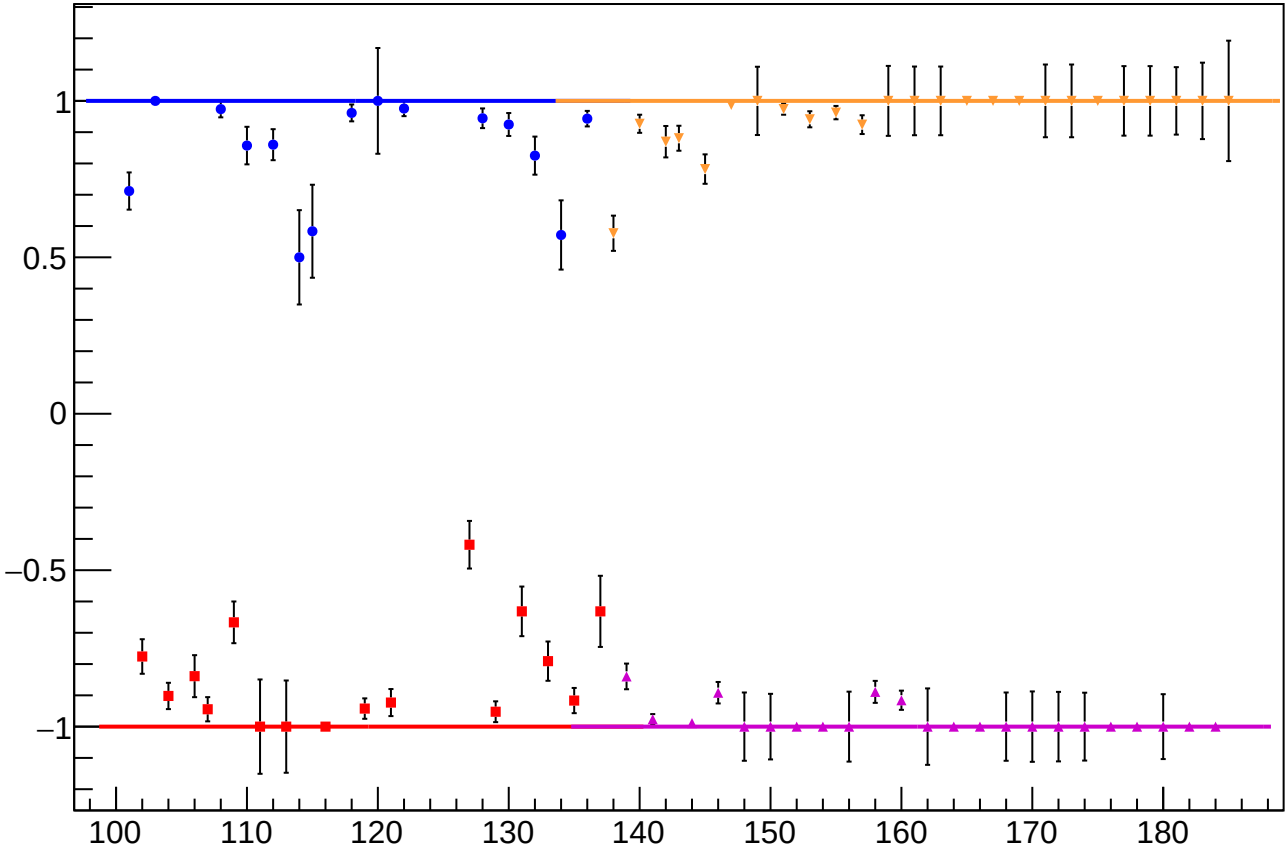
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:385.6/22

Left: -0.308+/-0.000 χ^2/NDF: 25106005466555206

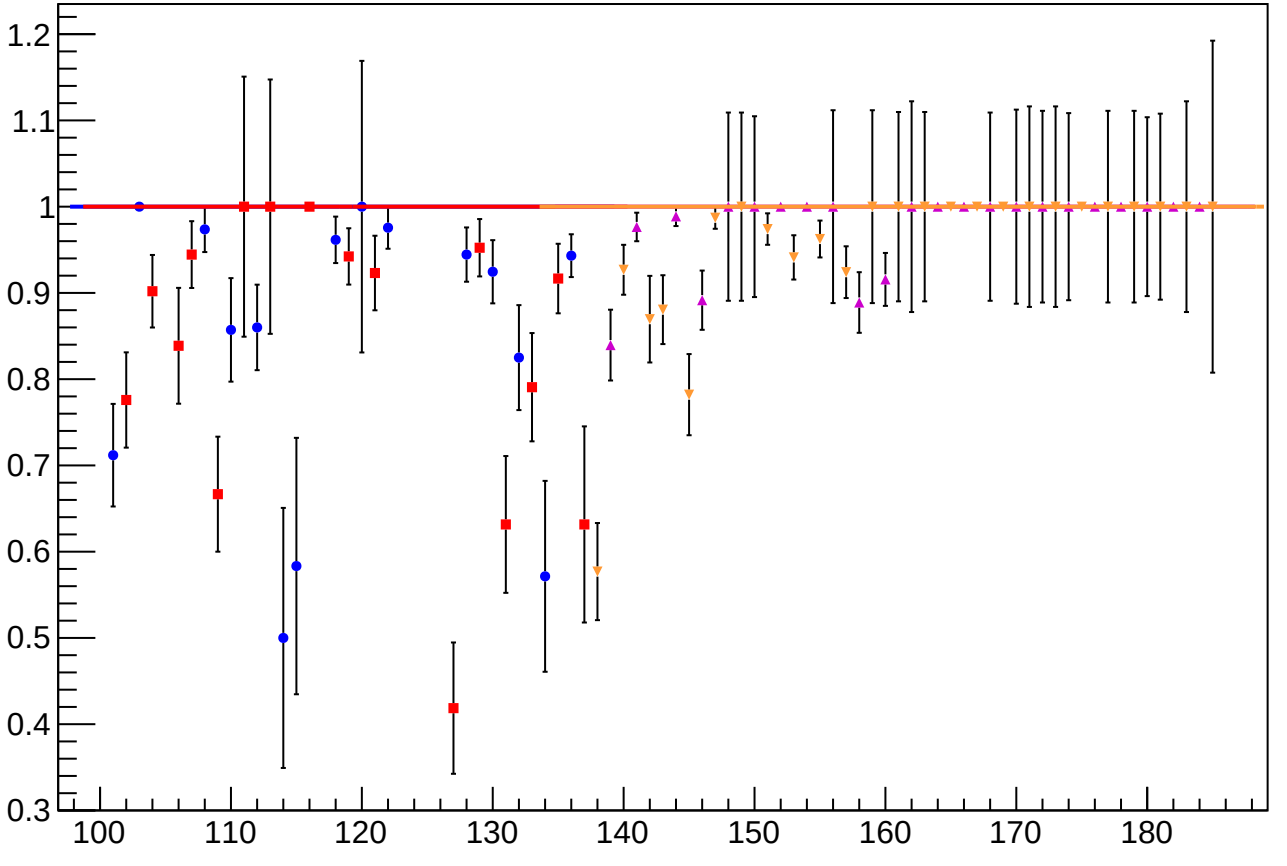
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: -0.878+/-0.000 χ^2/NDF:44191390662143057 7

Out: 0.900+/-0.000 χ^2/NDF:19264216350456297 8

All: -0.268+/-0.000 χ^2/NDF: 2731457681481

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

Left: 1.000+/-0.000 χ^2/NDF: 802.6/47

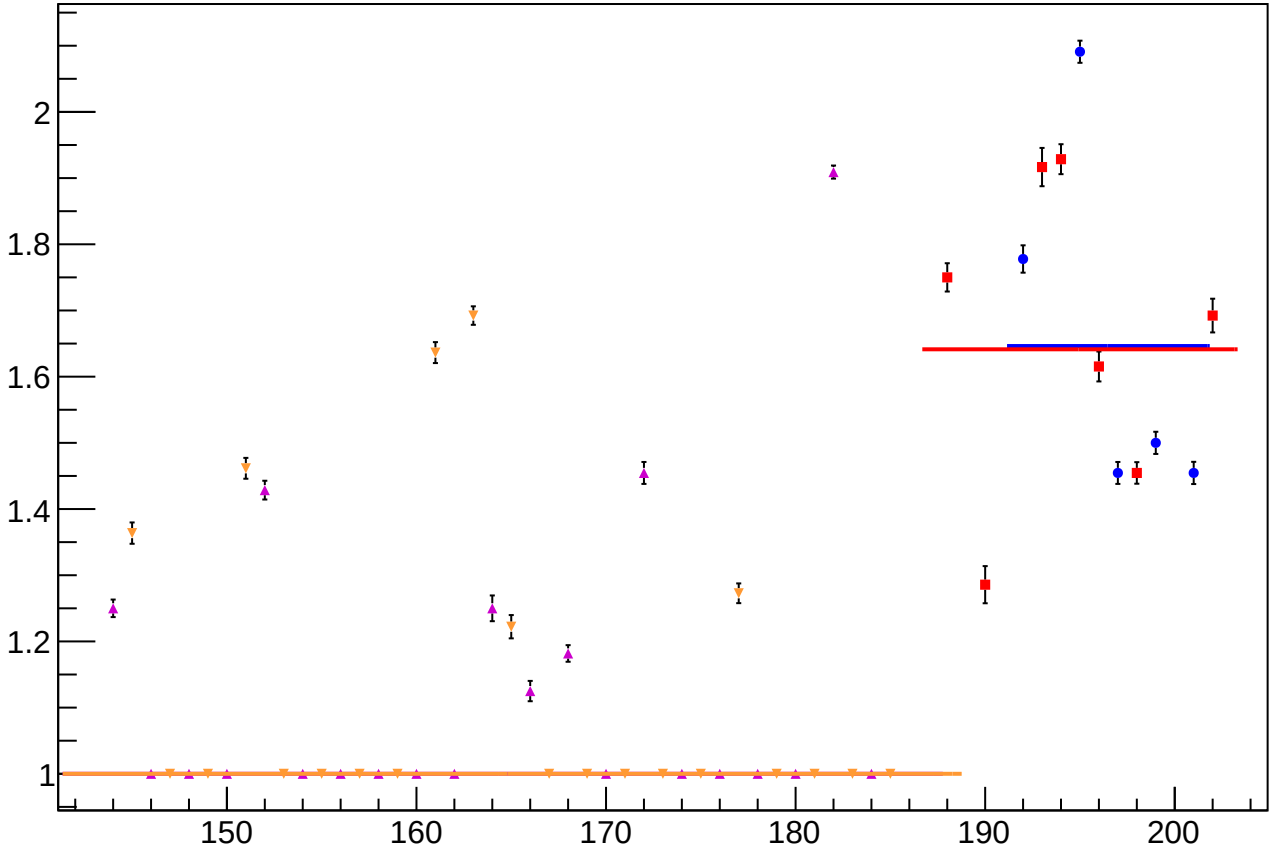
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:746.7/37

Out: 1.000+/-0.000 χ^2/NDF:607.7/40

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.646+/-0.008 χ^2/NDF: 1088.1/4

Left Out: 1.000+/-0.000 χ^2/NDF:18616.2/20

Right Out: 1.641+/-0.008 χ^2/NDF: 575.0/6

Left In: 1.000+/-0.000 χ^2/NDF:12089.0/20

Left: 1.000+/-0.000 χ^2/NDF: 19113.7/41

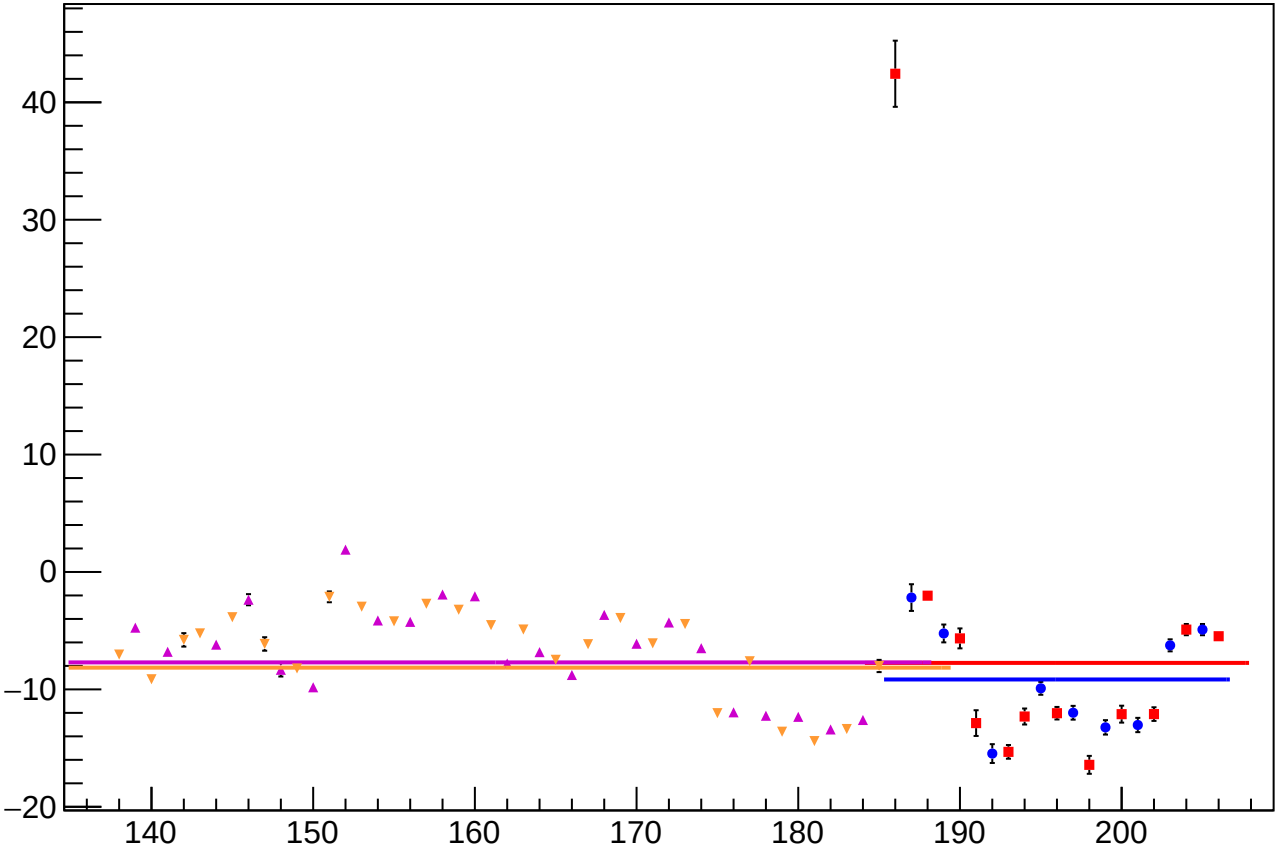
Right: 1.644+/-0.006 χ^2/NDF: 1663.3/11

In: 1.000+/-0.000 χ^2/NDF:20138.5/25

Out: 1.000+/-0.000 χ^2/NDF:24898.8/27

All: 1.000+/-0.000 χ^2/NDF: 33445.8/53

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -9.155+/-0.205 χ^2/NDF: 347.1/8

Left Out: -8.149+/-0.068 χ^2/NDF:3613.1/24

Right Out: -7.744+/-0.163 χ^2/NDF: 1205.2/11

Left In: -7.701+/-0.068 χ^2/NDF:3737.2/22

Left: -7.928+/-0.048 χ^2/NDF: 7372.0/47

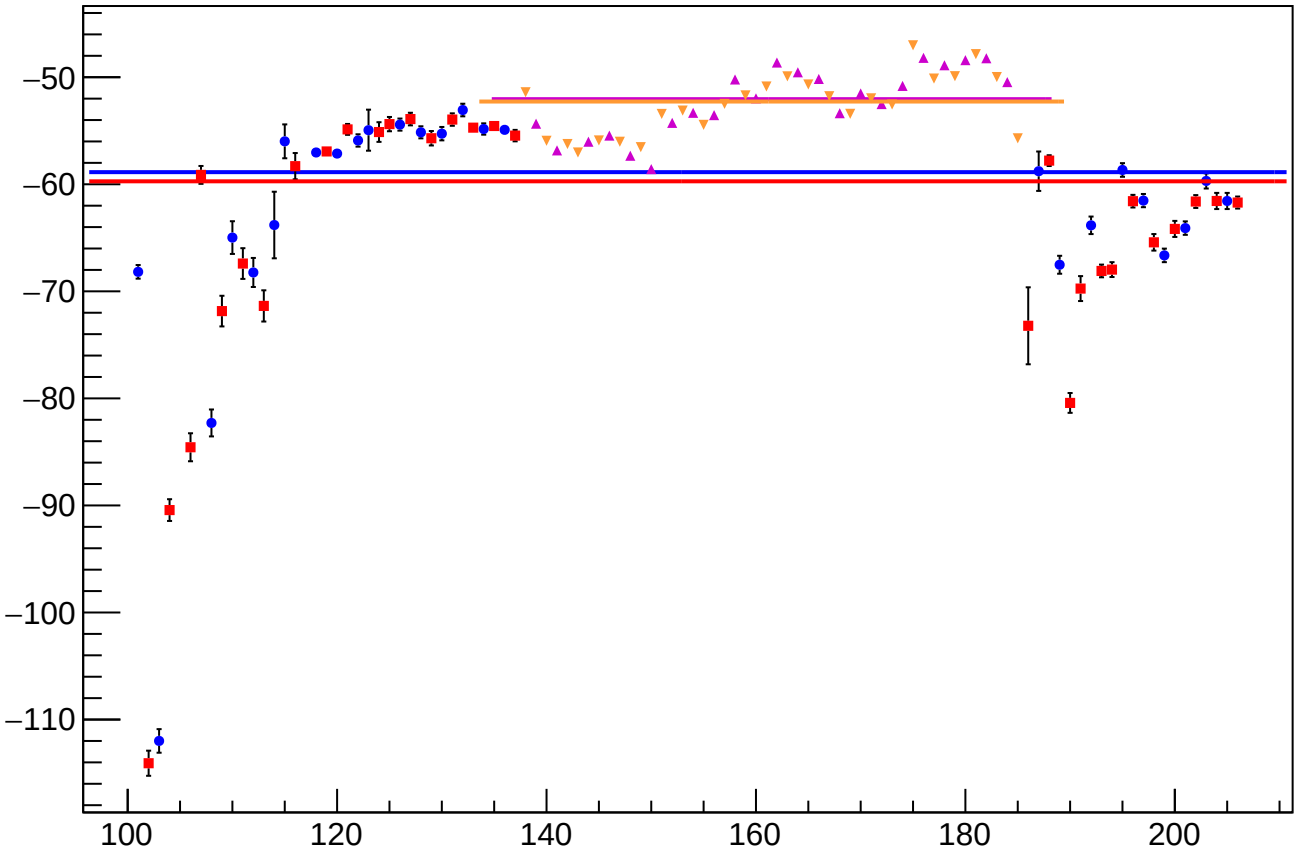
Right: -8.292+/-0.128 χ^2/NDF: 1581.2/20

In: -7.847+/-0.065 χ^2/NDF:4129.5/31

Out: -8.090+/-0.062 χ^2/NDF:4823.5/36

All: -7.973+/-0.045 χ^2/NDF: 8960.3/68

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -58.867+/-0.122 χ^2/NDF: 3936.9/25

Left Out: -52.271+/-0.055 χ^2/NDF:2609.6/24

Right Out: -59.724+/-0.117 χ^2/NDF: 5627.8/29

Left In: -52.050+/-0.057 χ^2/NDF:3197.5/22

Left: -52.164+/-0.040 χ^2/NDF: 5814.9/47

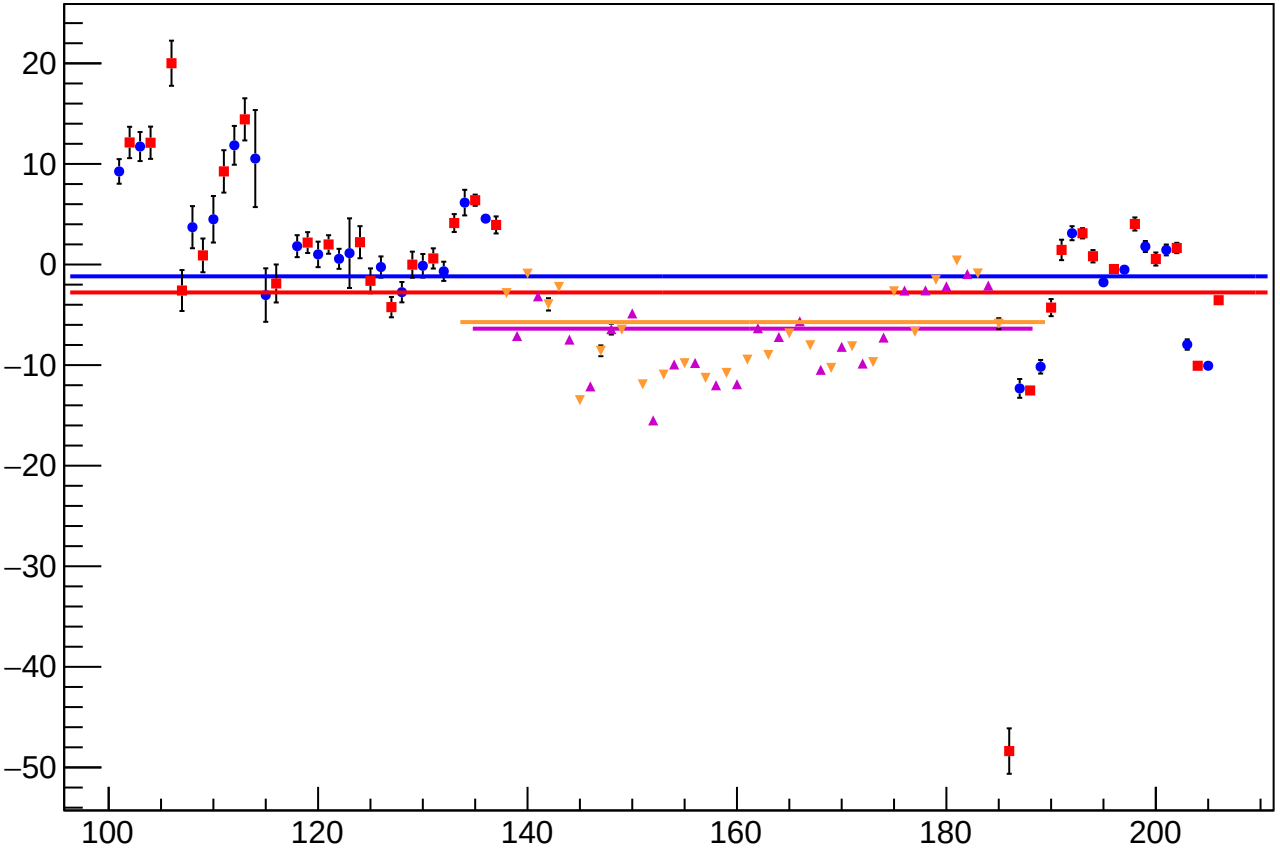
Right: -59.316+/-0.084 χ^2/NDF: 9590.5/55

In: -53.269+/-0.052 χ^2/NDF:9692.8/48

Out: -53.637+/-0.050 χ^2/NDF:11578.1/54

All: -53.459+/-0.036 χ^2/NDF: 21297.2/103

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.176+/-0.152 χ^2/NDF: 1371.2/25

Left Out: -5.725+/-0.068 χ^2/NDF:3989.1/24

Right Out: -2.777+/-0.128 χ^2/NDF: 3186.2/29

Left In: -6.379+/-0.068 χ^2/NDF:3395.7/22

Left: -6.049+/-0.048 χ^2/NDF: 7431.1/47

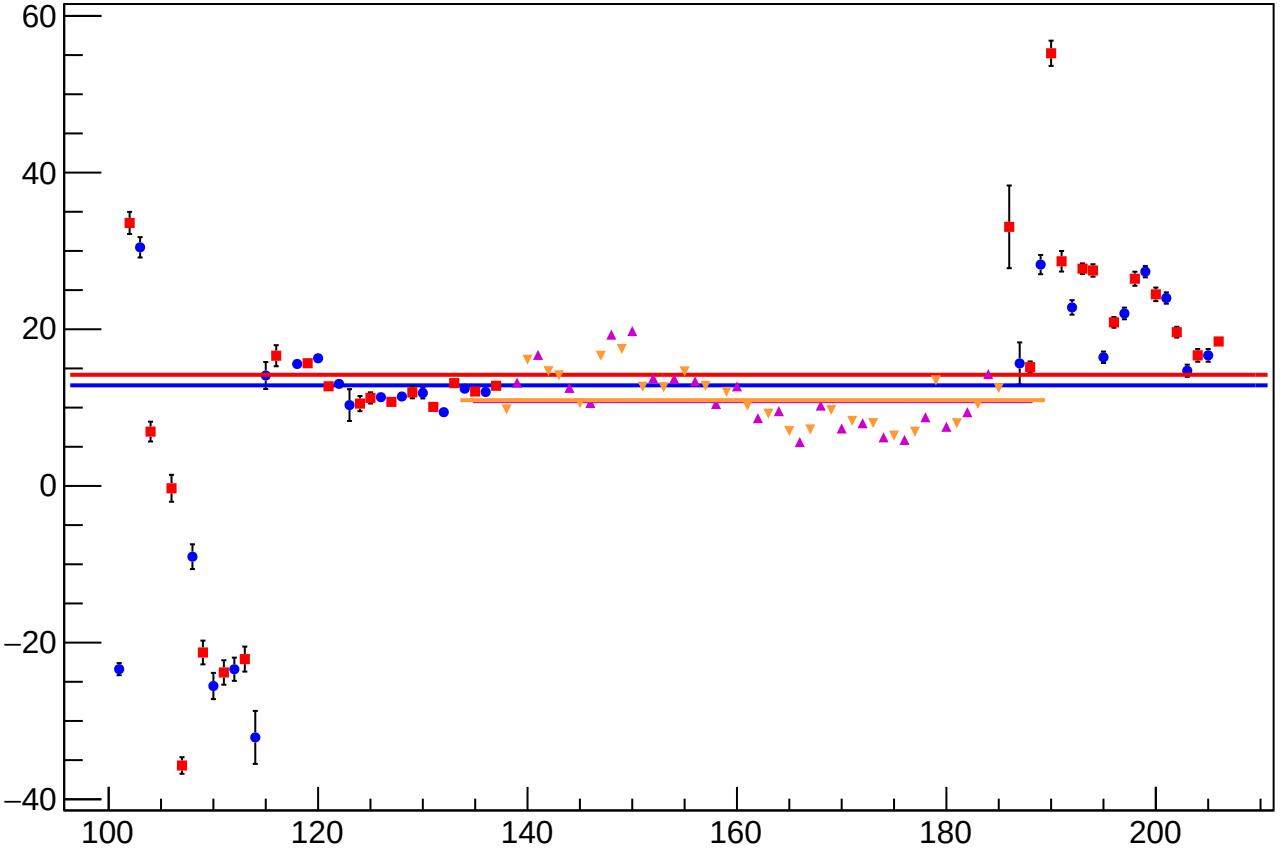
Right: -2.113+/-0.098 χ^2/NDF: 4622.6/55

In: -5.502+/-0.062 χ^2/NDF:5745.7/48

Out: -5.078+/-0.060 χ^2/NDF:7591.3/54

All: -5.281+/-0.043 χ^2/NDF: 13361.1/103

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.842+/-0.137 χ^2/NDF: 5087.6/25

Left Out: 10.950+/-0.062 χ^2/NDF:2620.4/24

Right Out: 14.186+/-0.133 χ^2/NDF: 6371.9/29

Left In: 10.818+/-0.063 χ^2/NDF:3577.7/22

Left: 10.886+/-0.044 χ^2/NDF: 6200.3/47

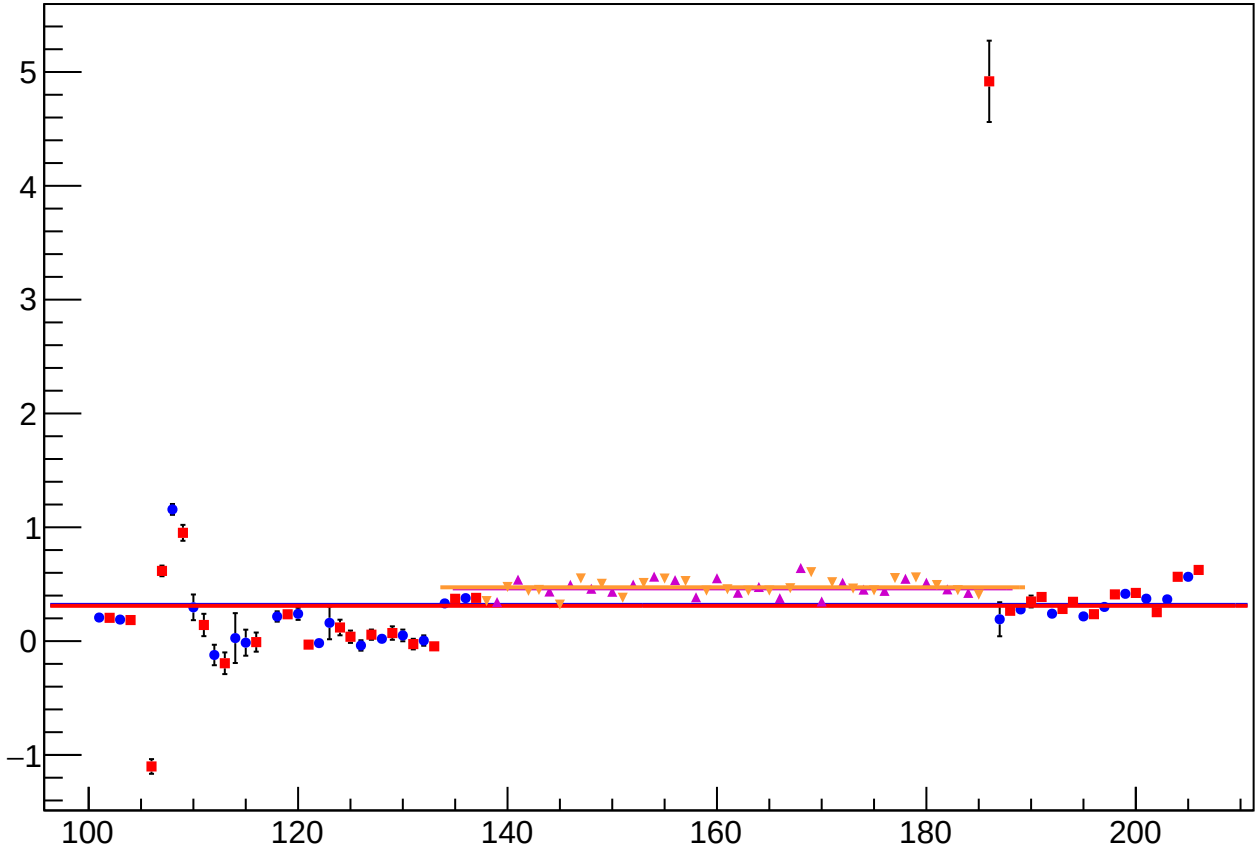
Right: 13.535+/-0.095 χ^2/NDF: 11509.2/55

In: 11.171+/-0.057 χ^2/NDF:8845.5/48

Out: 11.523+/-0.056 χ^2/NDF:9482.1/54

All: 11.351+/-0.040 χ^2/NDF: 18346.9/103

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.318+/-0.006 χ^2/NDF: 758.5/25

Left Out: 0.473+/-0.003 χ^2/NDF:515.0/24

Right Out: 0.310+/-0.006 χ^2/NDF: 1481.5/29

Left In: 0.463+/-0.003 χ^2/NDF:749.9/22

Left: 0.468+/-0.002 χ^2/NDF: 1270.7/47

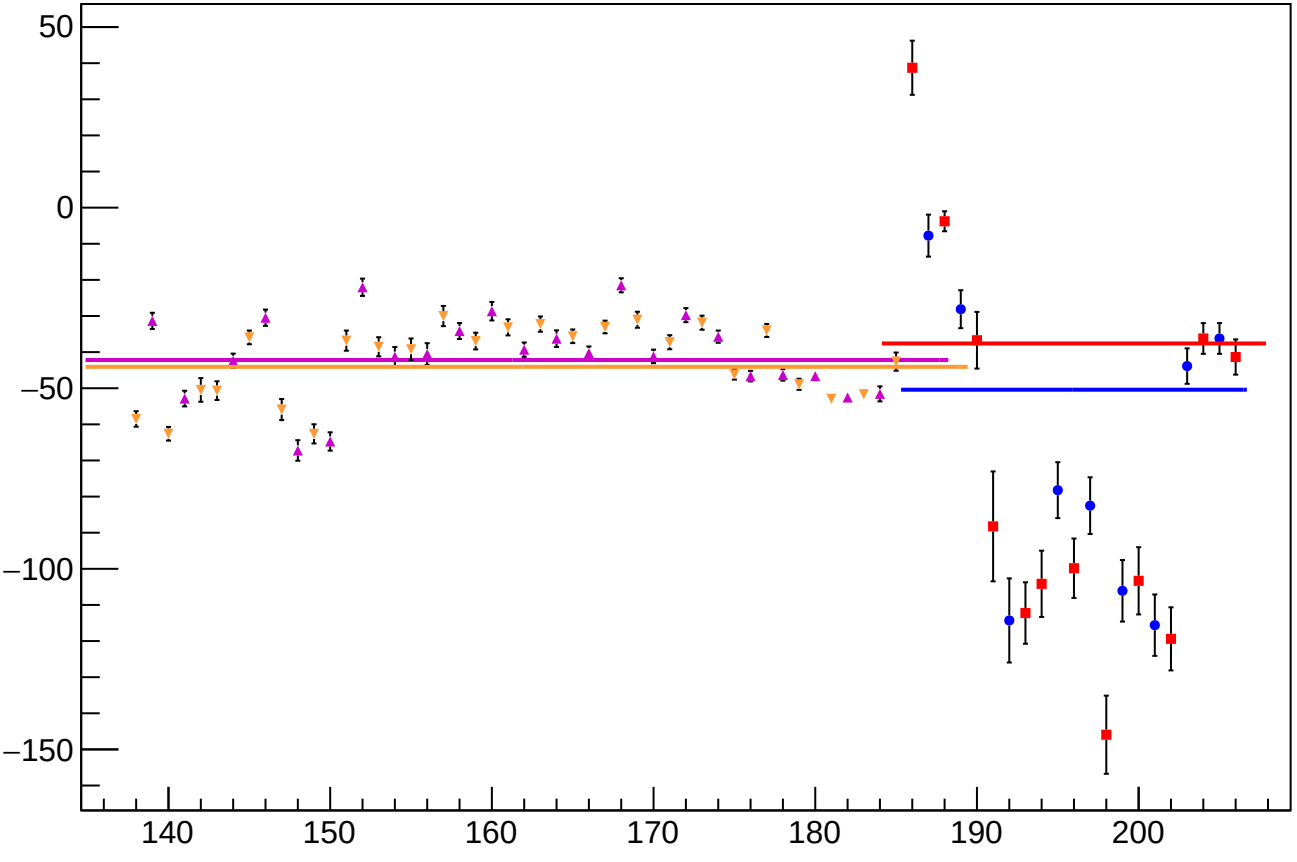
Right: 0.314+/-0.004 χ^2/NDF: 2240.9/55

In: 0.438+/-0.003 χ^2/NDF:1982.5/48

Out: 0.442+/-0.002 χ^2/NDF:2650.9/54

All: 0.440+/-0.002 χ^2/NDF: 4634.4/103

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -50.408+/-2.083 χ^2/NDF: 245.9/8

Left Out: -44.074+/-0.389 χ^2/NDF:632.8/24

Right Out: -37.606+/-1.715 χ^2/NDF: 689.6/11

Left In: -42.185+/-0.398 χ^2/NDF:651.0/22

Left: -43.149+/-0.278 χ^2/NDF: 1295.4/47

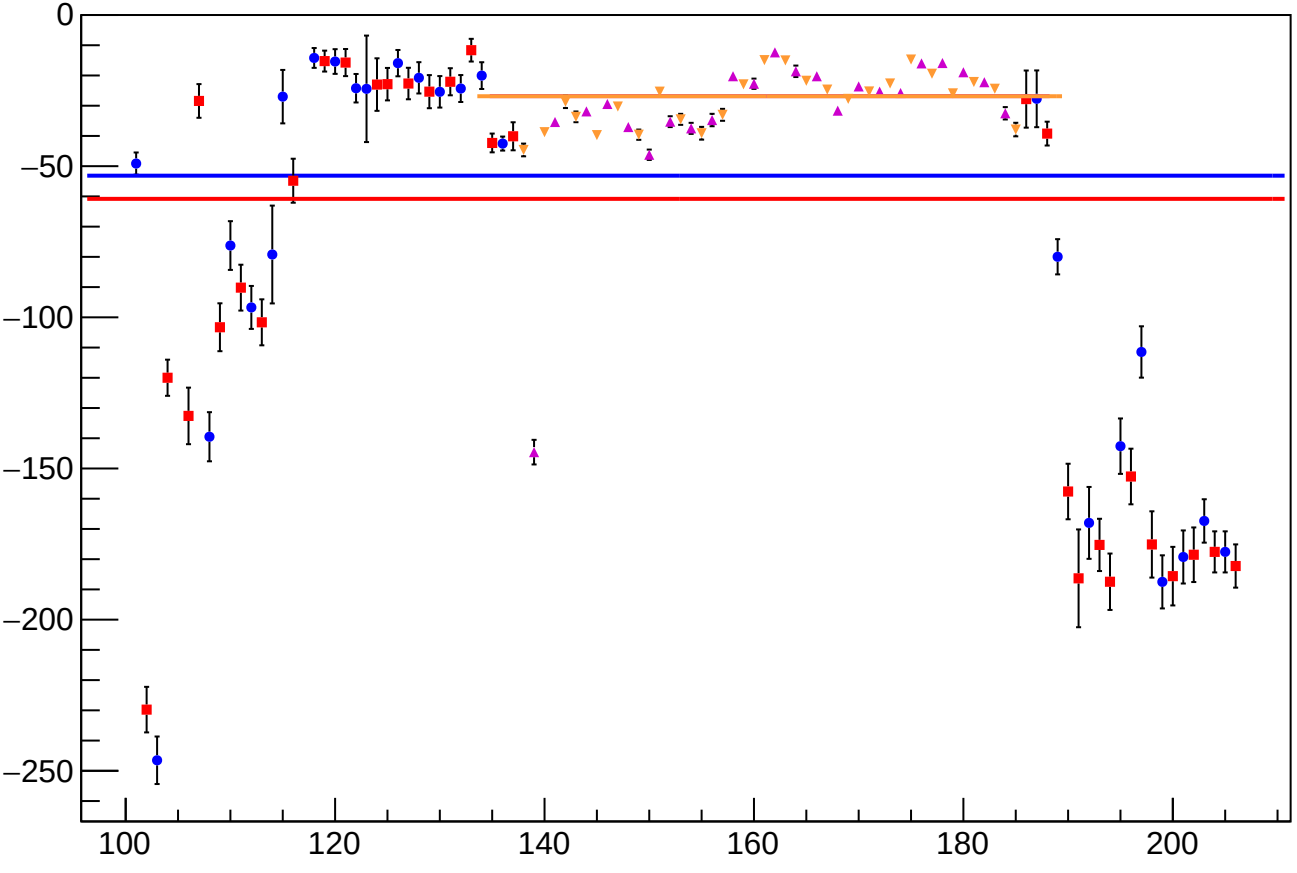
Right: -42.778+/-1.324 χ^2/NDF: 958.0/20

In: -42.474+/-0.390 χ^2/NDF:912.0/31

Out: -43.757+/-0.380 χ^2/NDF:1336.0/36

All: -43.134+/-0.272 χ^2/NDF: 2253.5/68

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -53.145+/-1.046 χ^2/NDF: 2596.0/25

Left Out: -26.867+/-0.317 χ^2/NDF:629.1/24

Right Out: -60.810+/-1.065 χ^2/NDF: 3208.2/29

Left In: -26.825+/-0.325 χ^2/NDF:1481.6/22

Left: -26.847+/-0.227 χ^2/NDF: 2110.7/47

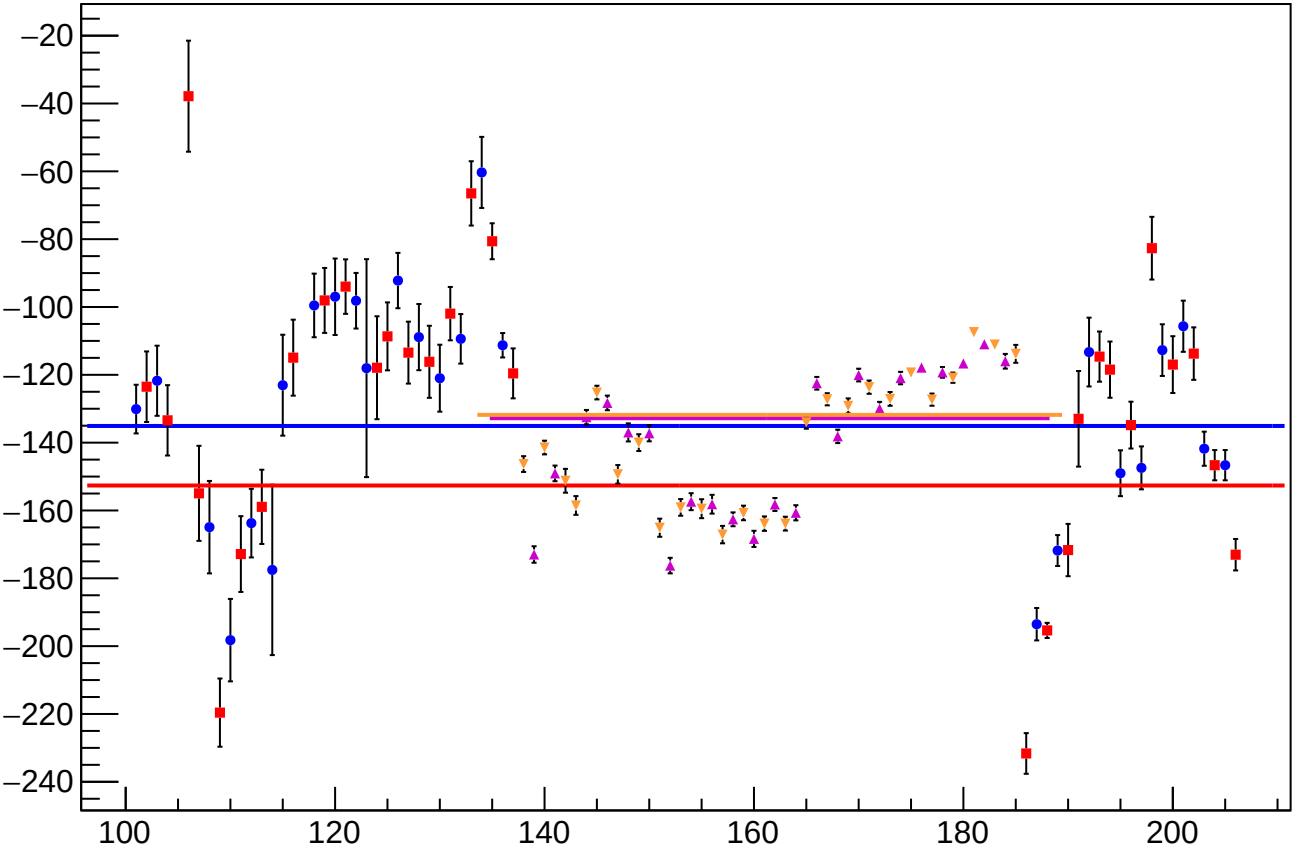
Right: -56.908+/-0.746 χ^2/NDF: 5830.6/55

In: -29.149+/-0.311 χ^2/NDF:4655.0/48

Out: -29.629+/-0.304 χ^2/NDF:4770.3/54

All: -29.394+/-0.217 χ^2/NDF: 9426.6/103

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -135.079+/-1.406 χ^2/NDF: 495.3/25

Left Out: -131.805+/-0.392 χ^2/NDF:2417.0/24

Right Out: -152.635+/-1.242 χ^2/NDF: 1309.8/29

Left In: -132.799+/-0.398 χ^2/NDF:2515.9/22

Left: -132.294+/-0.279 χ^2/NDF: 4936.0/47

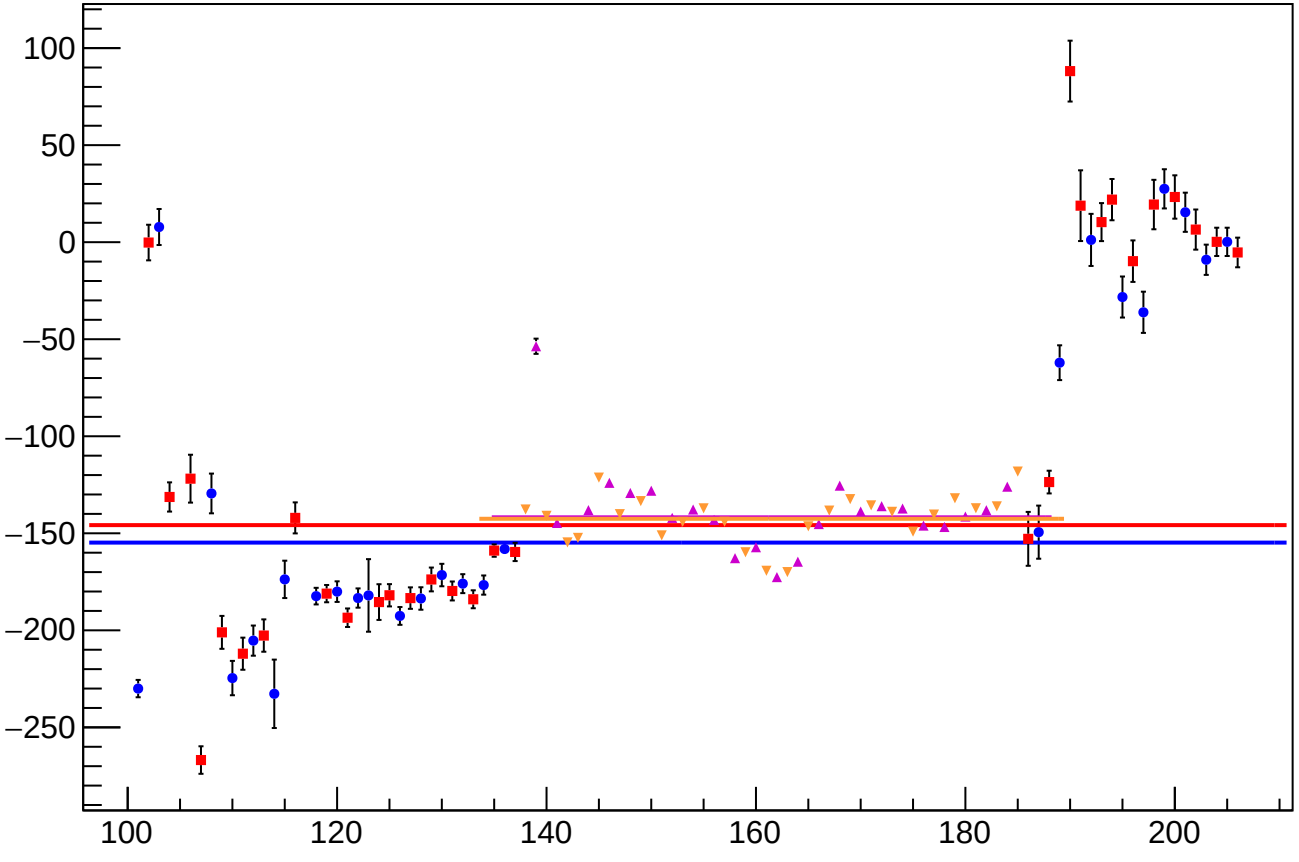
Right: -144.940+/-0.931 χ^2/NDF: 1892.7/55

In: -132.968+/-0.383 χ^2/NDF:3013.6/48

Out: -133.693+/-0.374 χ^2/NDF:3982.6/54

All: -133.339+/-0.268 χ^2/NDF: 6998.1/103

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -154.795+/-1.180 χ^2/NDF: 2887.1/25

Left Out: -142.517+/-0.355 χ^2/NDF:1144.2/24

Right Out: -145.789+/-1.220 χ^2/NDF: 3471.5/29

Left In: -141.769+/-0.363 χ^2/NDF:1604.4/22

Left: -142.151+/-0.254 χ^2/NDF: 2750.7/47

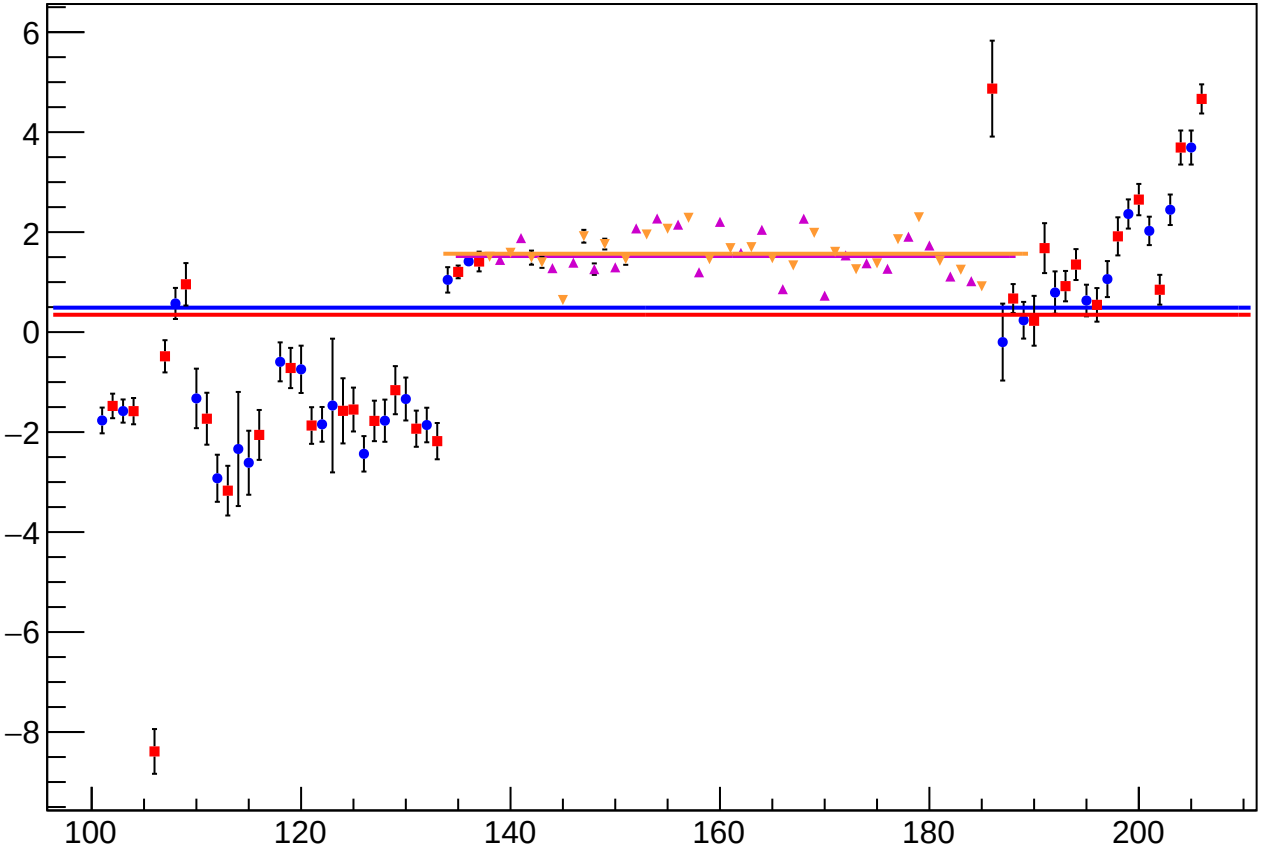
Right: -150.442+/-0.848 χ^2/NDF: 6386.8/55

In: -142.893+/-0.347 χ^2/NDF:4602.8/48

Out: -142.772+/-0.341 χ^2/NDF:4622.3/54

All: -142.832+/-0.243 χ^2/NDF: 9225.2/103

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.489+/-0.058 χ^2/NDF: 770.4/25

Left Out: 1.568+/-0.016 χ^2/NDF:541.0/24

Right Out: 0.347+/-0.058 χ^2/NDF: 1293.2/29

Left In: 1.522+/-0.016 χ^2/NDF:739.1/22

Left: 1.545+/-0.012 χ^2/NDF: 1284.1/47

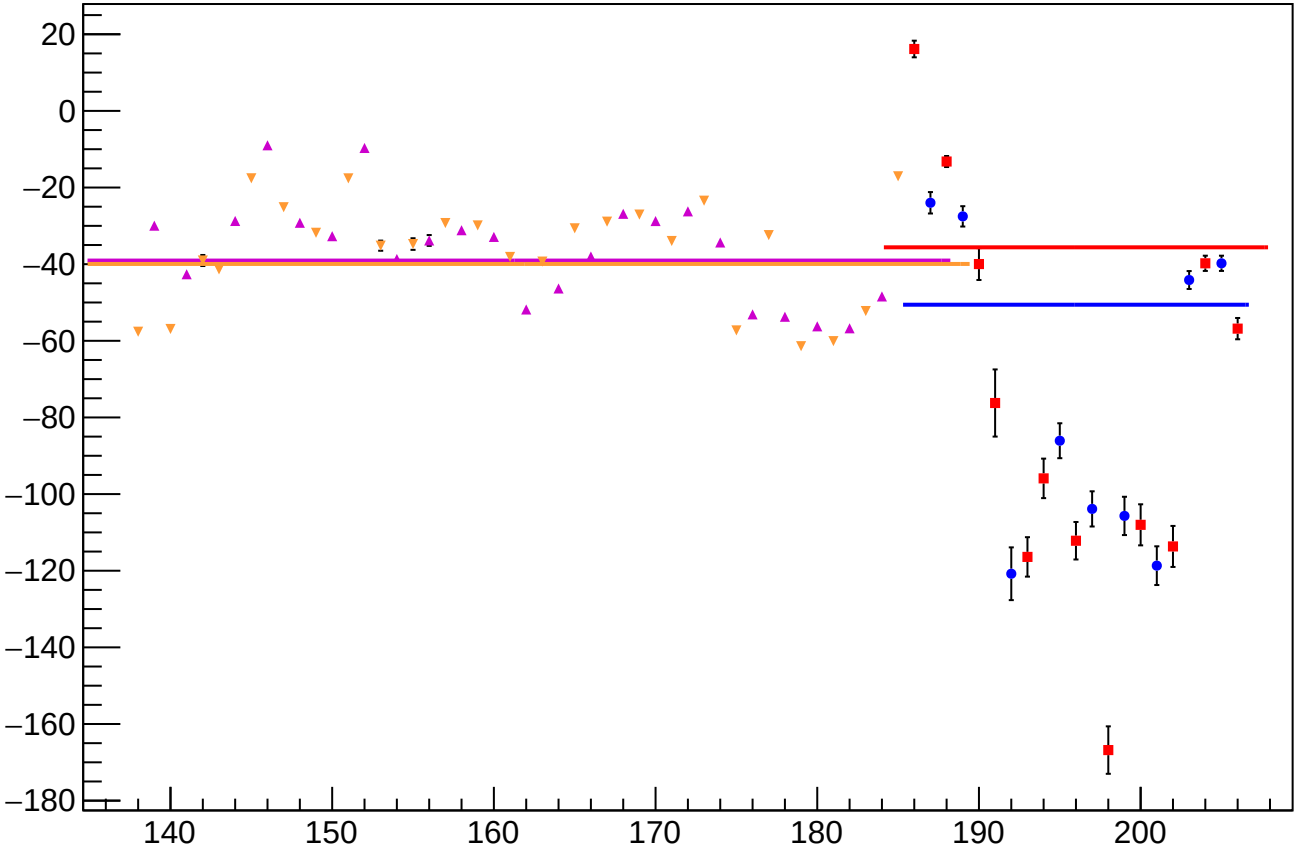
Right: 0.418+/-0.041 χ^2/NDF: 2066.5/55

In: 1.445+/-0.016 χ^2/NDF:1804.6/48

Out: 1.479+/-0.016 χ^2/NDF:2244.4/54

All: 1.462+/-0.011 χ^2/NDF: 4051.4/103

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -50.581+/-1.053 χ^2/NDF: 806.1/8

Left Out: -39.942+/-0.153 χ^2/NDF:9806.2/24

Right Out: -35.603+/-0.857 χ^2/NDF: 2367.4/11

Left In: -39.060+/-0.154 χ^2/NDF:8577.0/22

Left: -39.503+/-0.109 χ^2/NDF: 18399.6/47

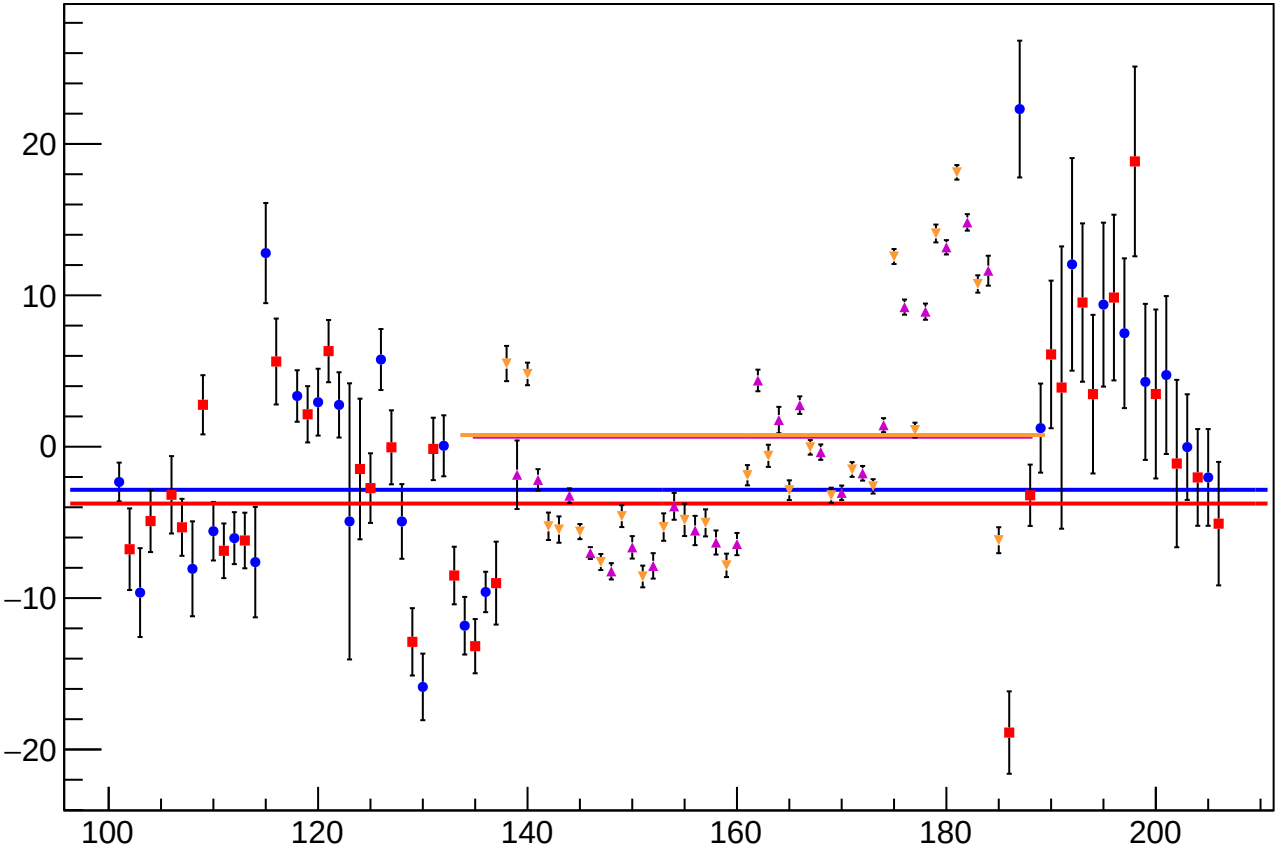
Right: -41.574+/-0.665 χ^2/NDF: 3295.2/20

In: -39.301+/-0.152 χ^2/NDF:9500.3/31

Out: -39.807+/-0.151 χ^2/NDF:12198.4/36

All: -39.557+/-0.107 χ^2/NDF: 21704.2/68

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.847+/-0.466 χ^2/NDF: 220.3/25

Left Out: 0.770+/-0.124 χ^2/NDF:3952.9/24

Right Out: -3.756+/-0.463 χ^2/NDF: 189.0/29

Left In: 0.662+/-0.124 χ^2/NDF:3340.9/22

Left: 0.716+/-0.088 χ^2/NDF: 7294.2/47

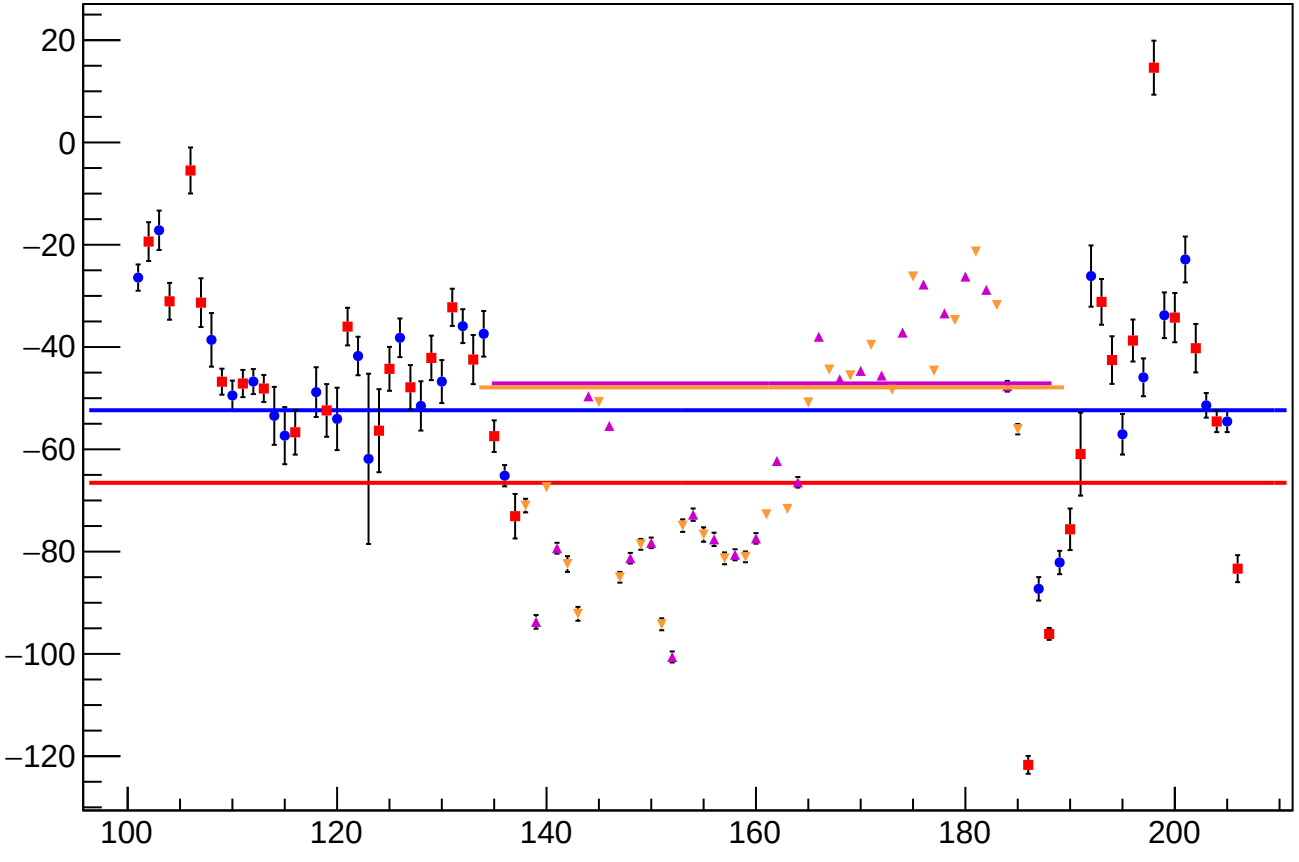
Right: -3.305+/-0.328 χ^2/NDF: 411.2/55

In: 0.430+/-0.120 χ^2/NDF:3614.0/48

Out: 0.465+/-0.120 χ^2/NDF:4231.2/54

All: 0.448+/-0.085 χ^2/NDF: 7845.3/103

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.358+/-0.654 χ^2/NDF: 783.9/25

Left Out: -47.888+/-0.155 χ^2/NDF:16707.2/24

Right Out: -66.548+/-0.569 χ^2/NDF: 3111.8/29

Left In: -47.112+/-0.155 χ^2/NDF:15654.8/22

Left: -47.500+/-0.109 χ^2/NDF: 32374.6/47

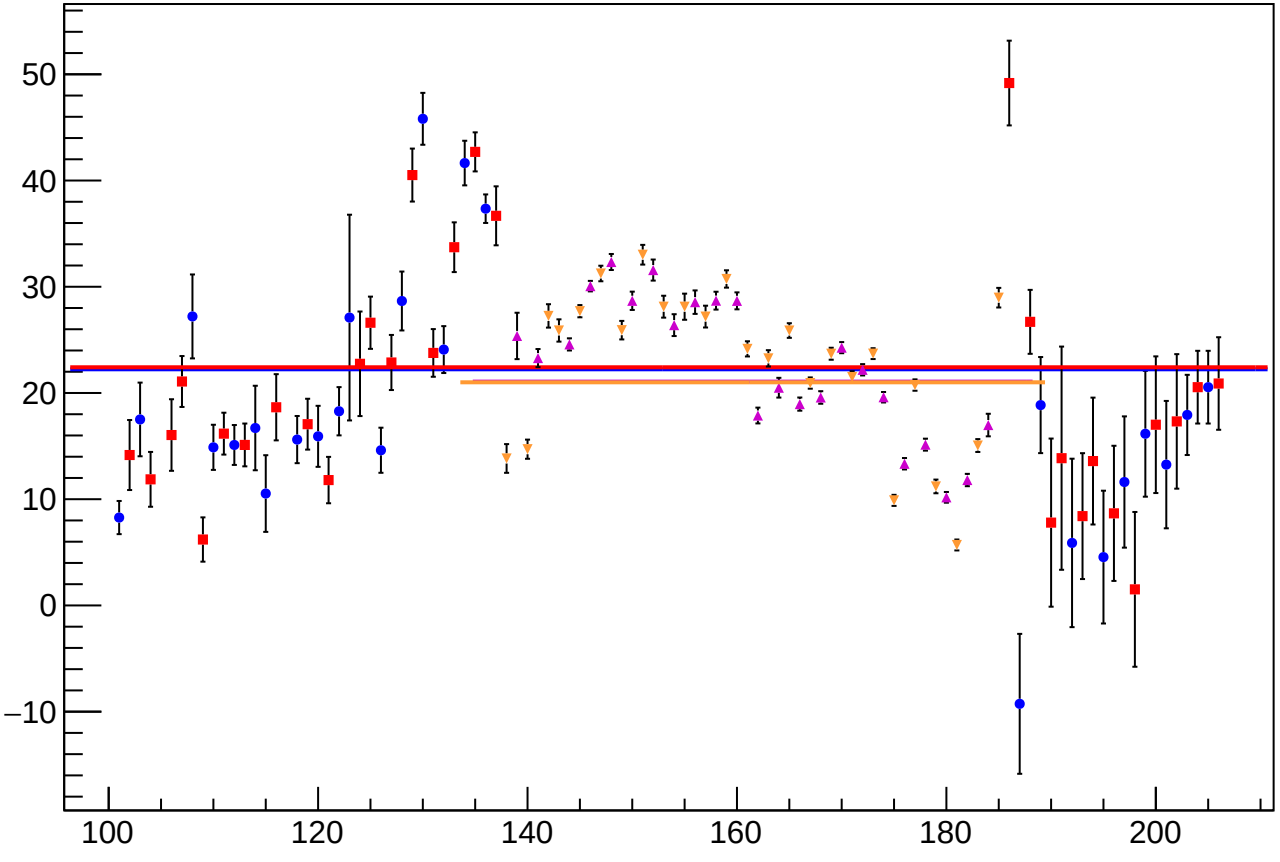
Right: -60.443+/-0.429 χ^2/NDF: 4163.6/55

In: -47.390+/-0.151 χ^2/NDF:16499.6/48

Out: -49.176+/-0.149 χ^2/NDF:20821.6/54

All: -48.290+/-0.106 χ^2/NDF: 37392.1/103

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.230+/-0.528 χ^2/NDF: 506.9/25

Left Out: 21.005+/-0.139 χ^2/NDF:2789.5/24

Right Out: 22.420+/-0.532 χ^2/NDF: 441.5/29

Left In: 21.069+/-0.139 χ^2/NDF:2176.7/22

Left: 21.037+/-0.098 χ^2/NDF: 4966.4/47

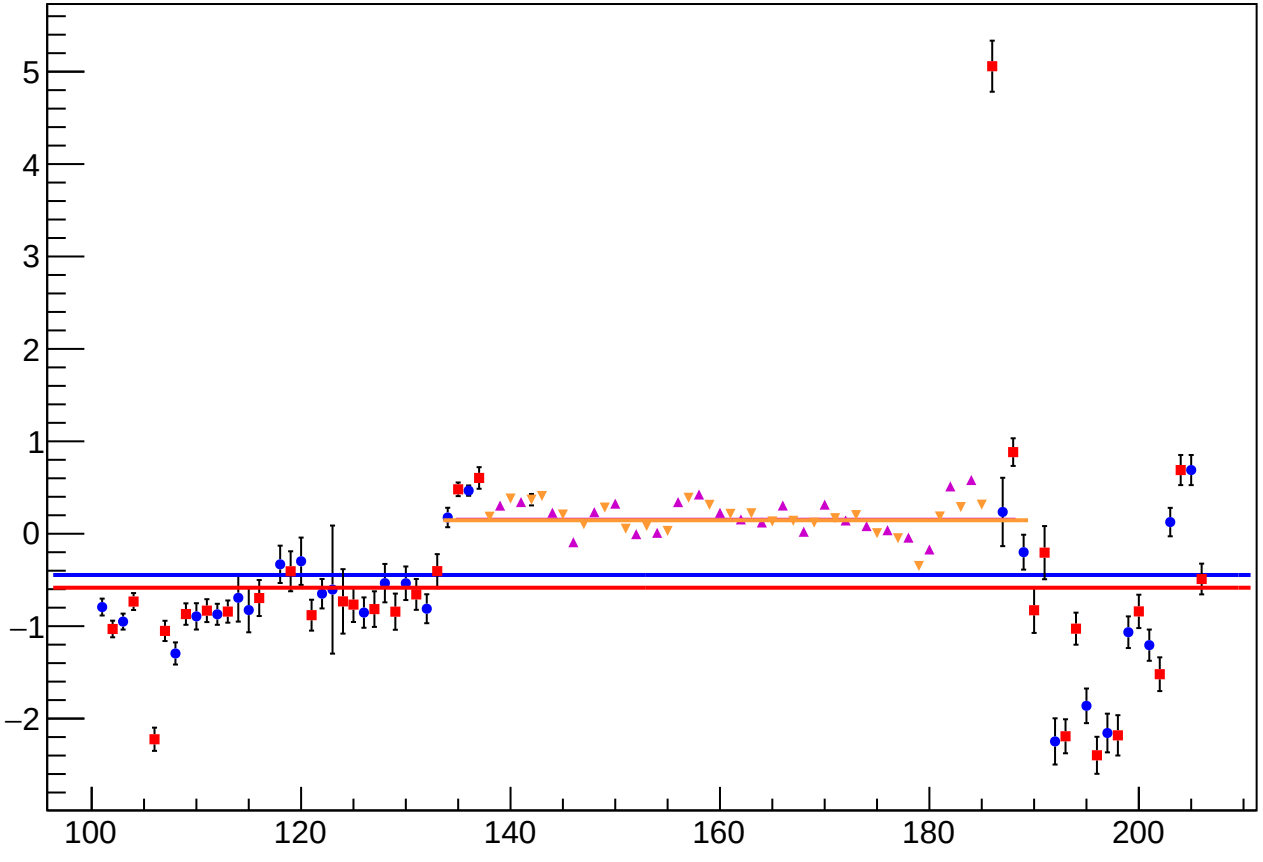
Right: 22.324+/-0.375 χ^2/NDF: 948.5/55

In: 21.144+/-0.135 χ^2/NDF:2688.2/48

Out: 21.095+/-0.134 χ^2/NDF:3237.7/54

All: 21.120+/-0.095 χ^2/NDF: 5925.9/103

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.446+/-0.027 χ^2/NDF: 718.9/25

Left Out: 0.146+/-0.006 χ^2/NDF:609.8/24

Right Out: -0.584+/-0.027 χ^2/NDF: 1375.9/29

Left In: 0.151+/-0.006 χ^2/NDF:873.9/22

Left: 0.149+/-0.004 χ^2/NDF: 1484.1/47

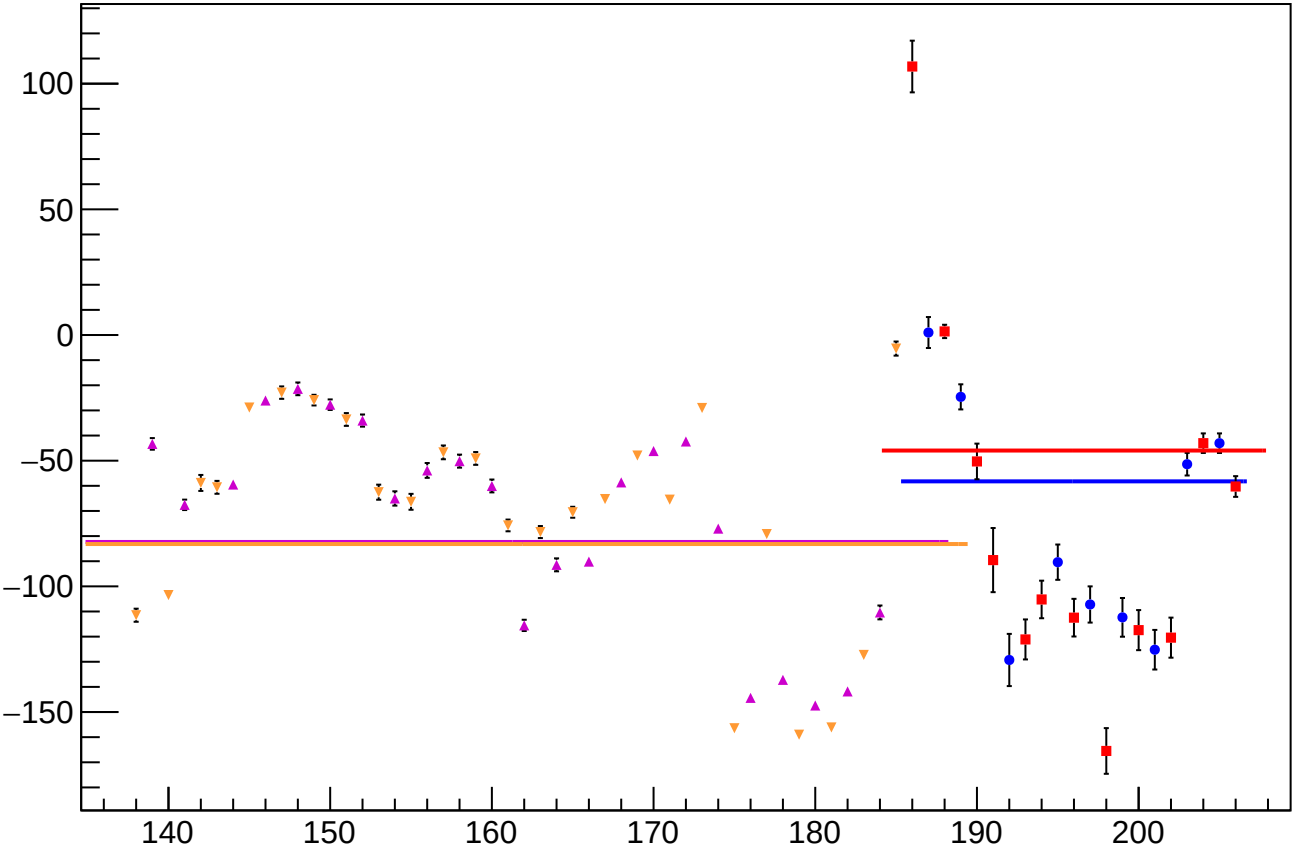
Right: -0.517+/-0.019 χ^2/NDF: 2108.0/55

In: 0.120+/-0.006 χ^2/NDF:2052.4/48

Out: 0.106+/-0.006 χ^2/NDF:2702.8/54

All: 0.113+/-0.004 χ^2/NDF: 4757.6/103

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -58.225+/-1.947 χ^2/NDF: 390.8/8

Left Out: -83.163+/-0.407 χ^2/NDF:13794.3/24

Right Out: -45.963+/-1.586 χ^2/NDF: 1135.9/11

Left In: -82.342+/-0.413 χ^2/NDF:10954.9/22

Left: -82.758+/-0.290 χ^2/NDF: 24751.3/47

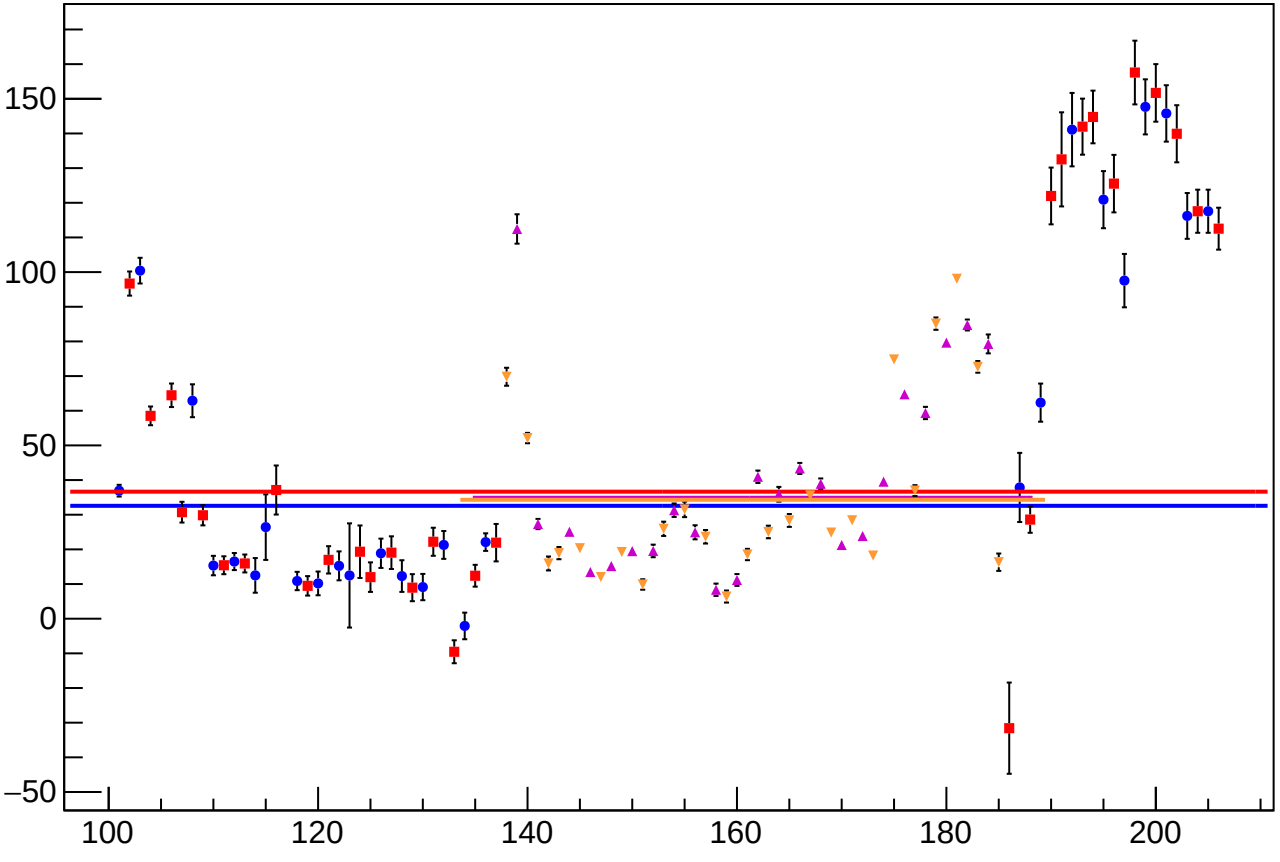
Right: -50.852+/-1.230 χ^2/NDF: 1550.6/20

In: -81.304+/-0.404 χ^2/NDF:11492.5/31

Out: -80.863+/-0.394 χ^2/NDF:15446.5/36

All: -81.078+/-0.282 χ^2/NDF: 26939.6/68

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.571+/-0.762 χ^2/NDF: 1854.7/25

Left Out: 34.306+/-0.321 χ^2/NDF:6163.7/24

Right Out: 36.649+/-0.756 χ^2/NDF: 2591.1/29

Left In: 34.893+/-0.328 χ^2/NDF:4754.6/22

Left: 34.593+/-0.229 χ^2/NDF: 10919.9/47

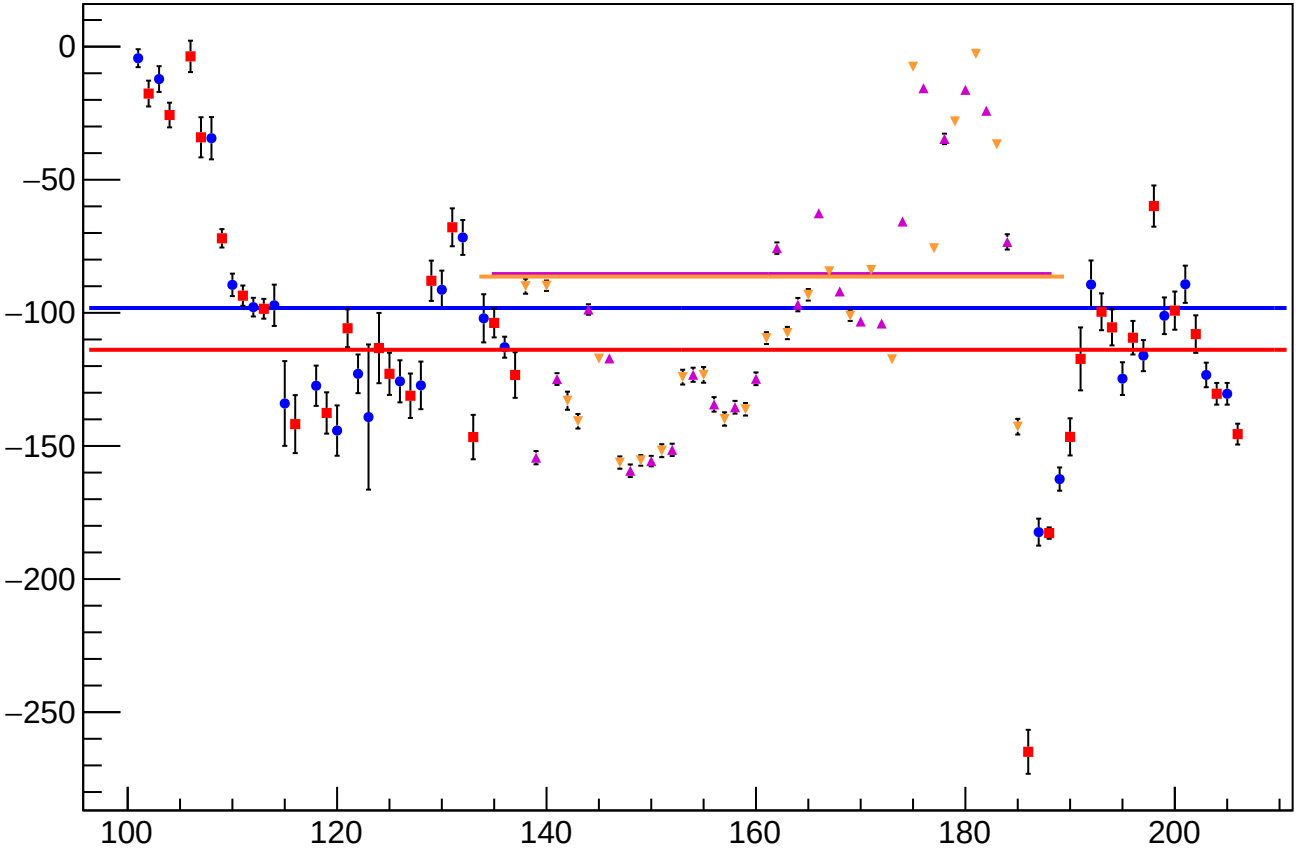
Right: 34.627+/-0.536 χ^2/NDF: 4460.2/55

In: 34.529+/-0.301 χ^2/NDF:6617.1/48

Out: 34.664+/-0.295 χ^2/NDF:8762.9/54

All: 34.598+/-0.211 χ^2/NDF: 15380.1/103

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -98.178+/-1.112 χ^2/NDF: 1887.7/25

Left Out: -86.377+/-0.409 χ^2/NDF:14435.1/24

Right Out: -113.877+/-0.976 χ^2/NDF: 3035.1/29

Left In: -85.441+/-0.413 χ^2/NDF:12998.9/22

Left: -85.914+/-0.291 χ^2/NDF: 27436.5/47

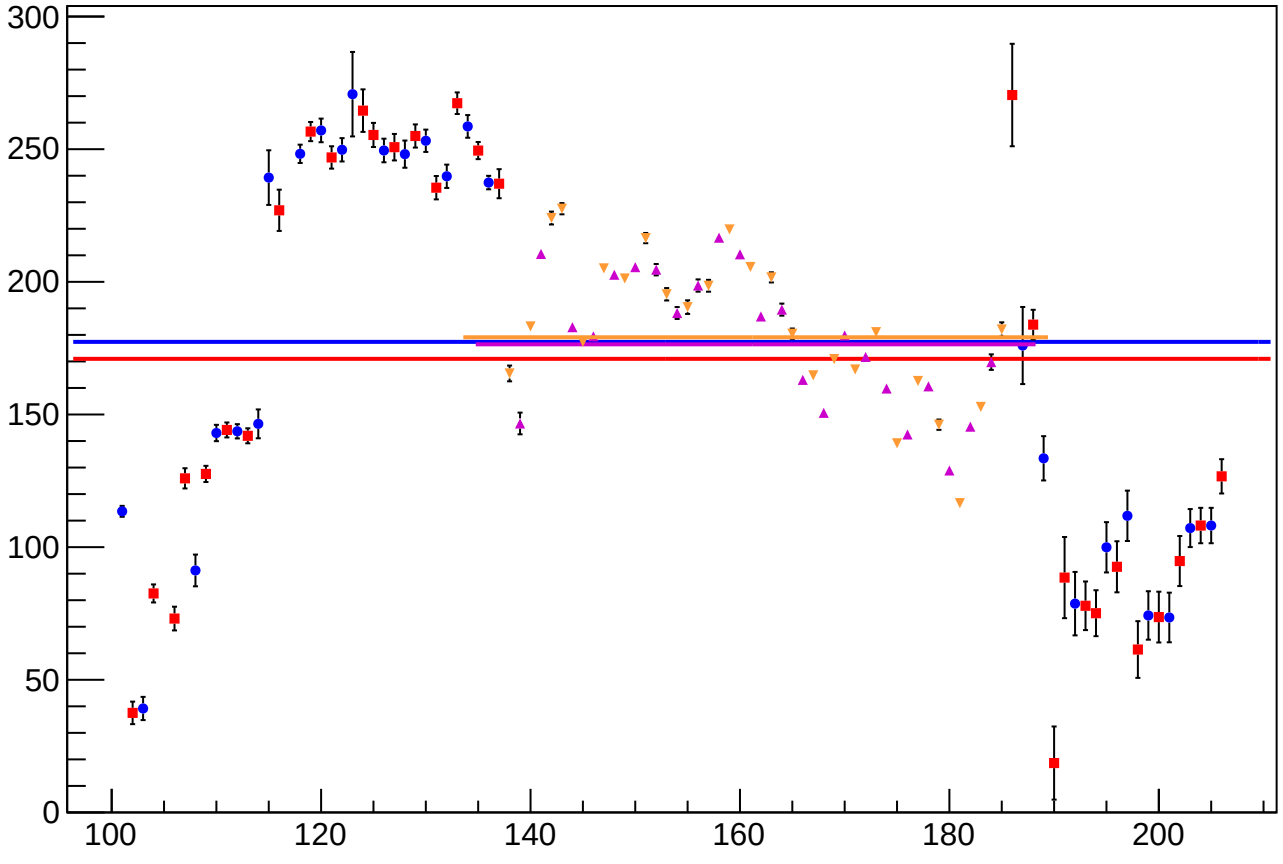
Right: -107.044+/-0.733 χ^2/NDF: 5035.4/55

In: -86.986+/-0.387 χ^2/NDF:15001.9/48

Out: -90.487+/-0.377 χ^2/NDF:18145.5/54

All: -88.782+/-0.270 χ^2/NDF: 33189.4/103

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 177.374+/-0.873 χ^2/NDF: 6122.7/25

Left Out: 179.109+/-0.363 χ^2/NDF:5877.5/24

Right Out: 170.980+/-0.869 χ^2/NDF: 7119.0/29

Left In: 176.449+/-0.370 χ^2/NDF:4442.1/22

Left: 177.804+/-0.259 χ^2/NDF: 10345.9/47

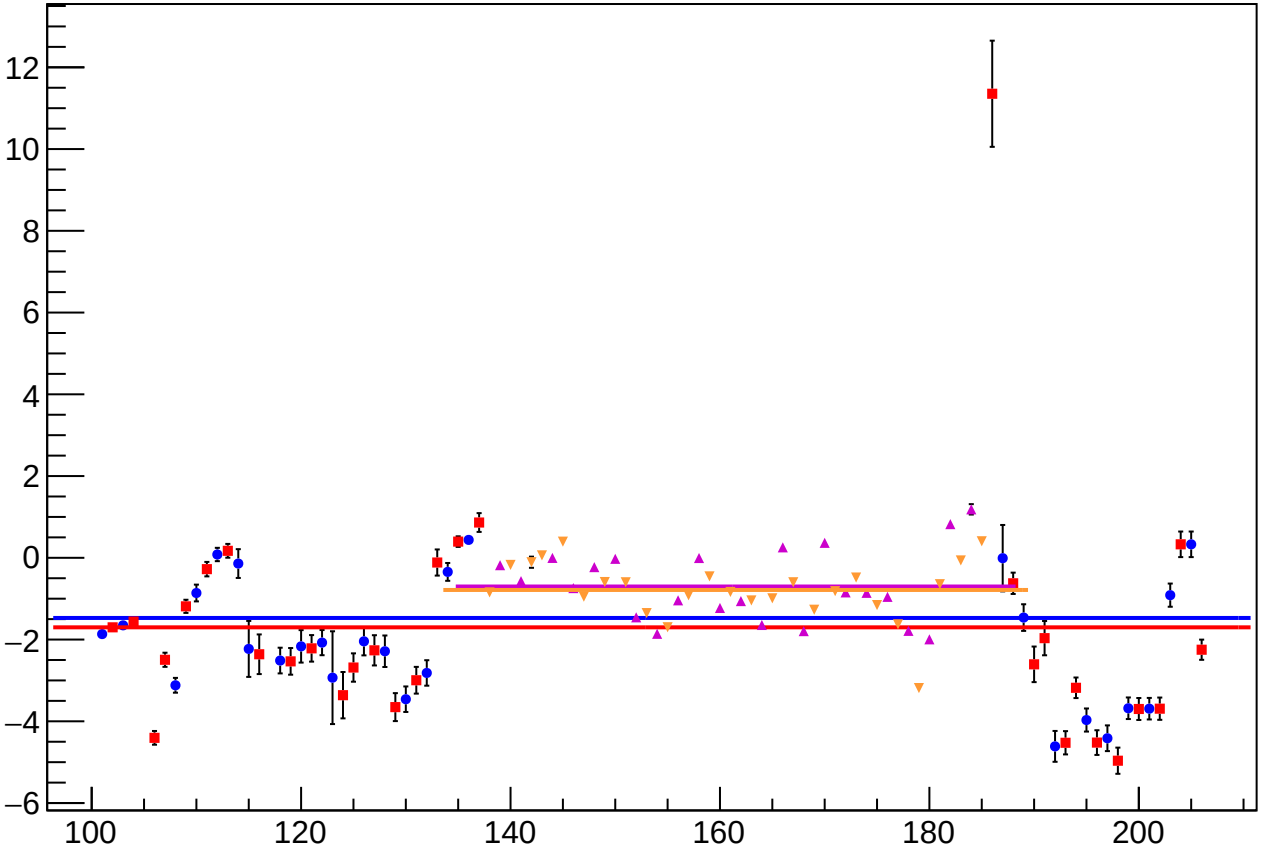
Right: 174.162+/-0.616 χ^2/NDF: 13268.6/55

In: 176.589+/-0.340 χ^2/NDF:10565.7/48

Out: 177.904+/-0.335 χ^2/NDF:13071.0/54

All: 177.258+/-0.239 χ^2/NDF: 23644.3/103

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.471+/-0.044 χ^2/NDF: 1071.9/25

Left Out: -0.787+/-0.017 χ^2/NDF:1760.7/24

Right Out: -1.701+/-0.041 χ^2/NDF: 1571.4/29

Left In: -0.702+/-0.017 χ^2/NDF:2421.3/22

Left: -0.745+/-0.012 χ^2/NDF: 4194.8/47

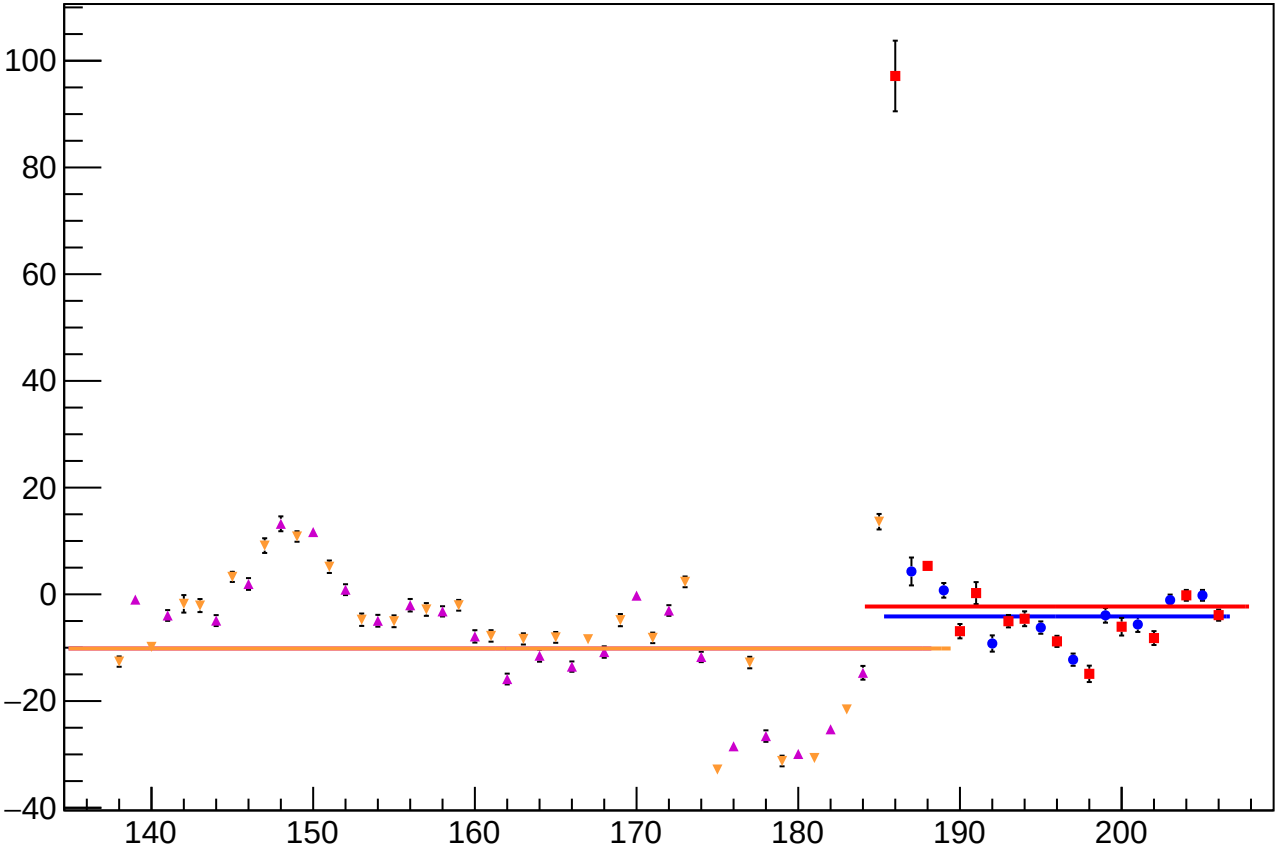
Right: -1.594+/-0.030 χ^2/NDF: 2658.0/55

In: -0.802+/-0.016 χ^2/NDF:3763.6/48

Out: -0.917+/-0.015 χ^2/NDF:3762.6/54

All: -0.860+/-0.011 χ^2/NDF: 7553.5/103

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.142+/-0.424 χ^2/NDF: 112.4/8

Left Out: -10.147+/-0.202 χ^2/NDF:4128.5/24

Right Out: -2.283+/-0.339 χ^2/NDF: 527.9/11

Left In: -10.149+/-0.204 χ^2/NDF:3491.7/22

Left: -10.148+/-0.143 χ^2/NDF: 7620.2/47

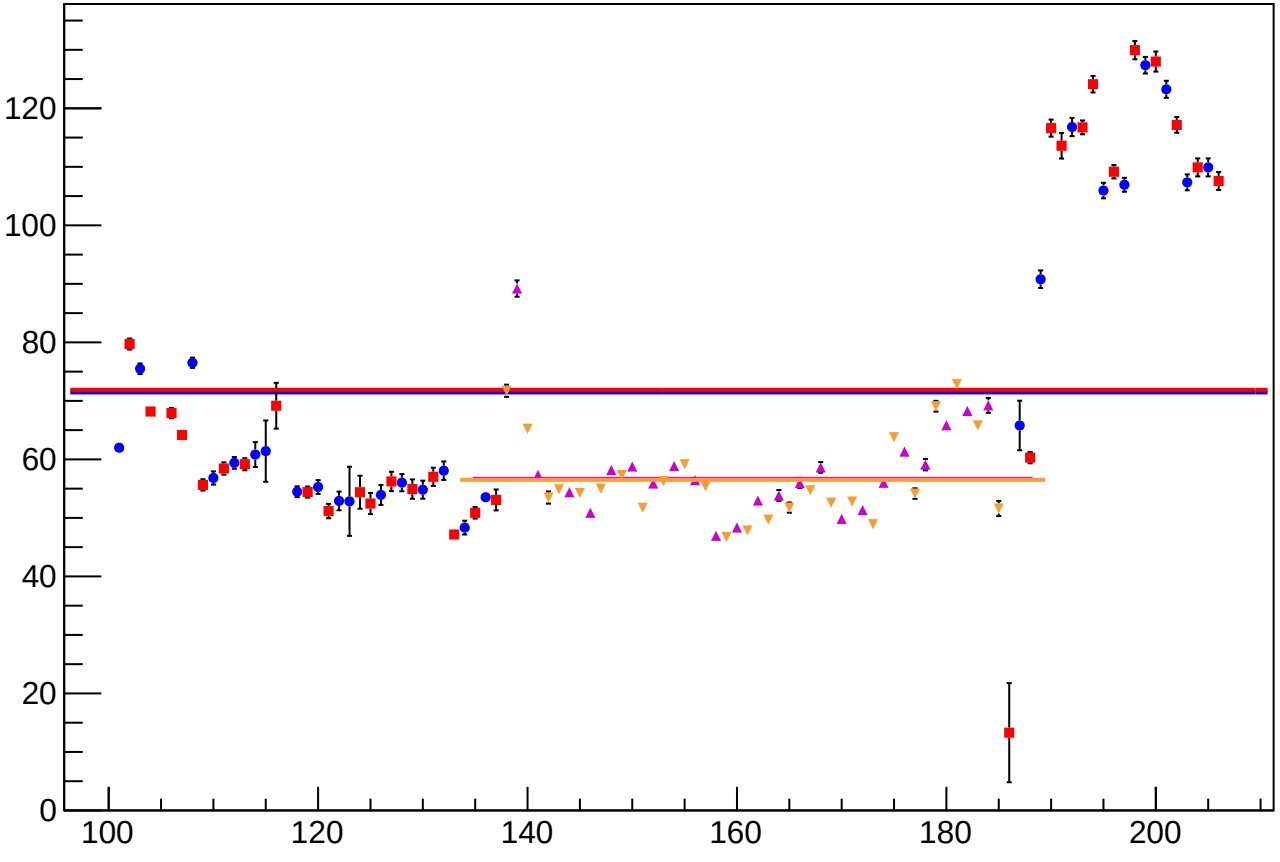
Right: -3.008+/-0.265 χ^2/NDF: 652.0/20

In: -9.022+/-0.184 χ^2/NDF:3767.0/31

Out: -8.092+/-0.173 χ^2/NDF:5053.3/36

All: -8.530+/-0.126 χ^2/NDF: 8833.9/68

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 71.442+/-0.231 χ^2/NDF: 9378.0/25

Left Out: 56.508+/-0.159 χ^2/NDF:1962.3/24

Right Out: 71.899+/-0.213 χ^2/NDF: 13930.7/29

Left In: 56.674+/-0.165 χ^2/NDF:1679.8/22

Left: 56.588+/-0.114 χ^2/NDF: 3642.7/47

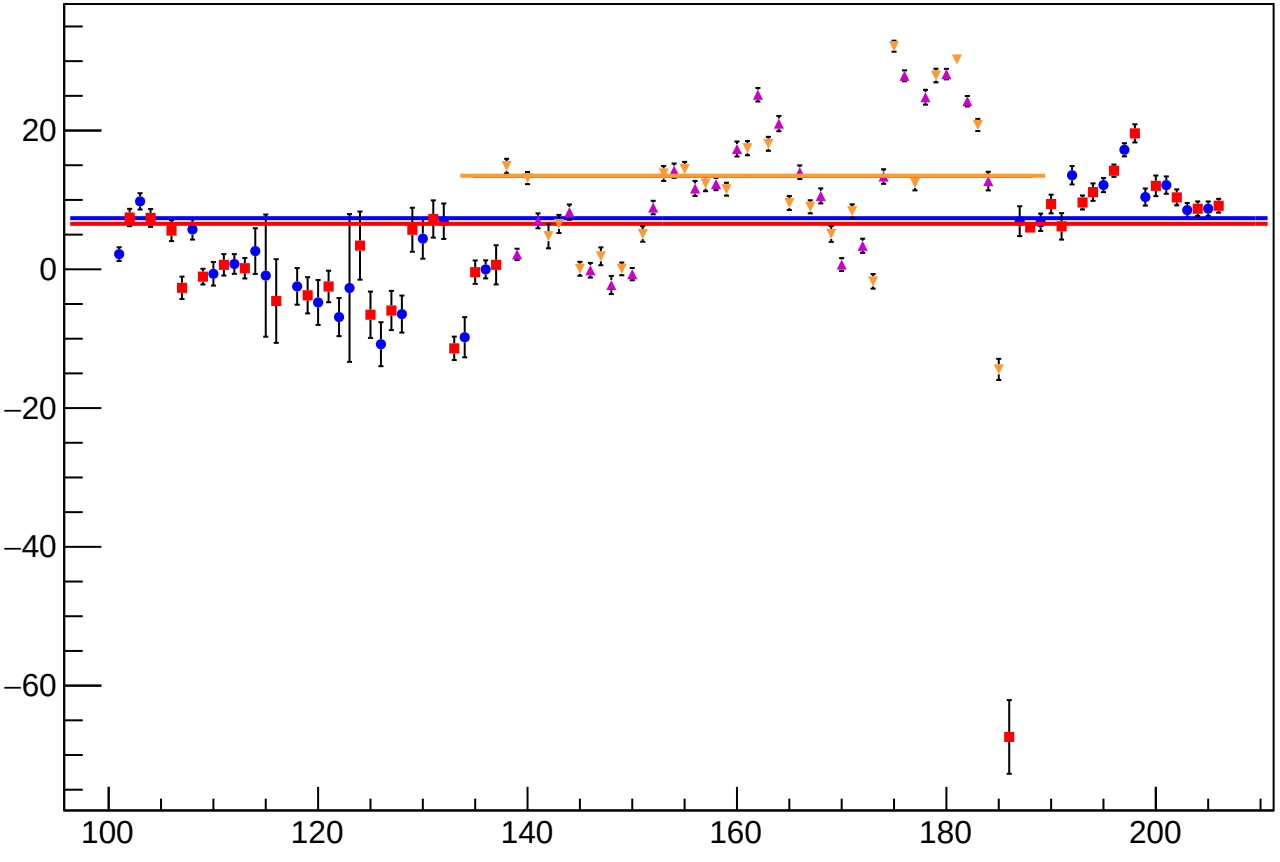
Right: 71.689+/-0.157 χ^2/NDF: 23310.8/55

In: 61.647+/-0.134 χ^2/NDF:13766.4/48

Out: 62.019+/-0.128 χ^2/NDF:19236.6/54

All: 61.842+/-0.092 χ^2/NDF: 33007.0/103

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.369+/-0.296 χ^2/NDF: 439.7/25

Left Out: 13.485+/-0.202 χ^2/NDF:2731.0/24

Right Out: 6.555+/-0.246 χ^2/NDF: 749.2/29

Left In: 13.456+/-0.203 χ^2/NDF:2371.9/22

Left: 13.471+/-0.143 χ^2/NDF: 5102.9/47

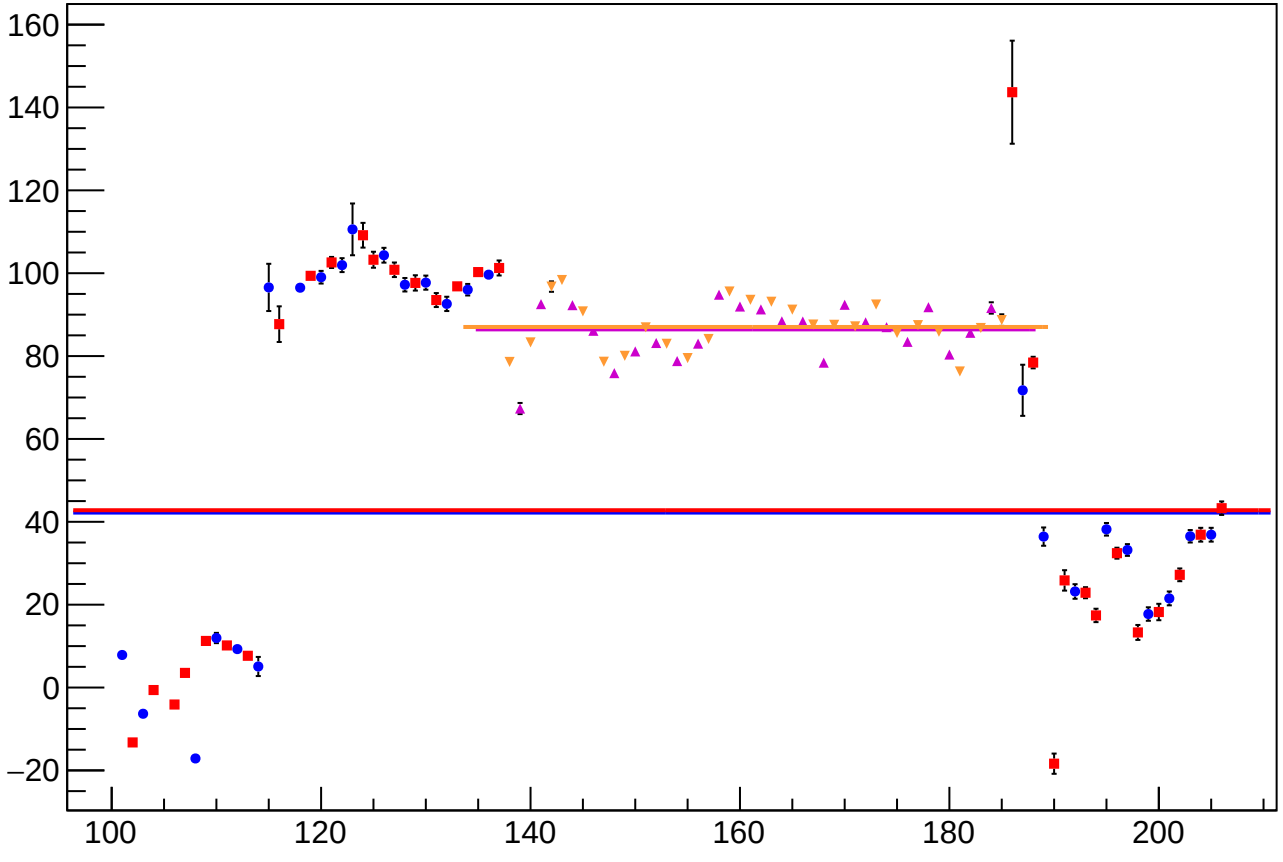
Right: 6.887+/-0.189 χ^2/NDF: 1193.3/55

In: 11.507+/-0.167 χ^2/NDF:3099.4/48

Out: 10.692+/-0.156 χ^2/NDF:3955.3/54

All: 11.070+/-0.114 χ^2/NDF: 7067.4/103

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.228+/-0.268 χ^2/NDF: 25775.1/25

Left Out: 87.023+/-0.179 χ^2/NDF:1057.2/24

Right Out: 42.795+/-0.251 χ^2/NDF: 30476.1/29

Left In: 86.443+/-0.184 χ^2/NDF:1038.6/22

Left: 86.740+/-0.128 χ^2/NDF: 2100.8/47

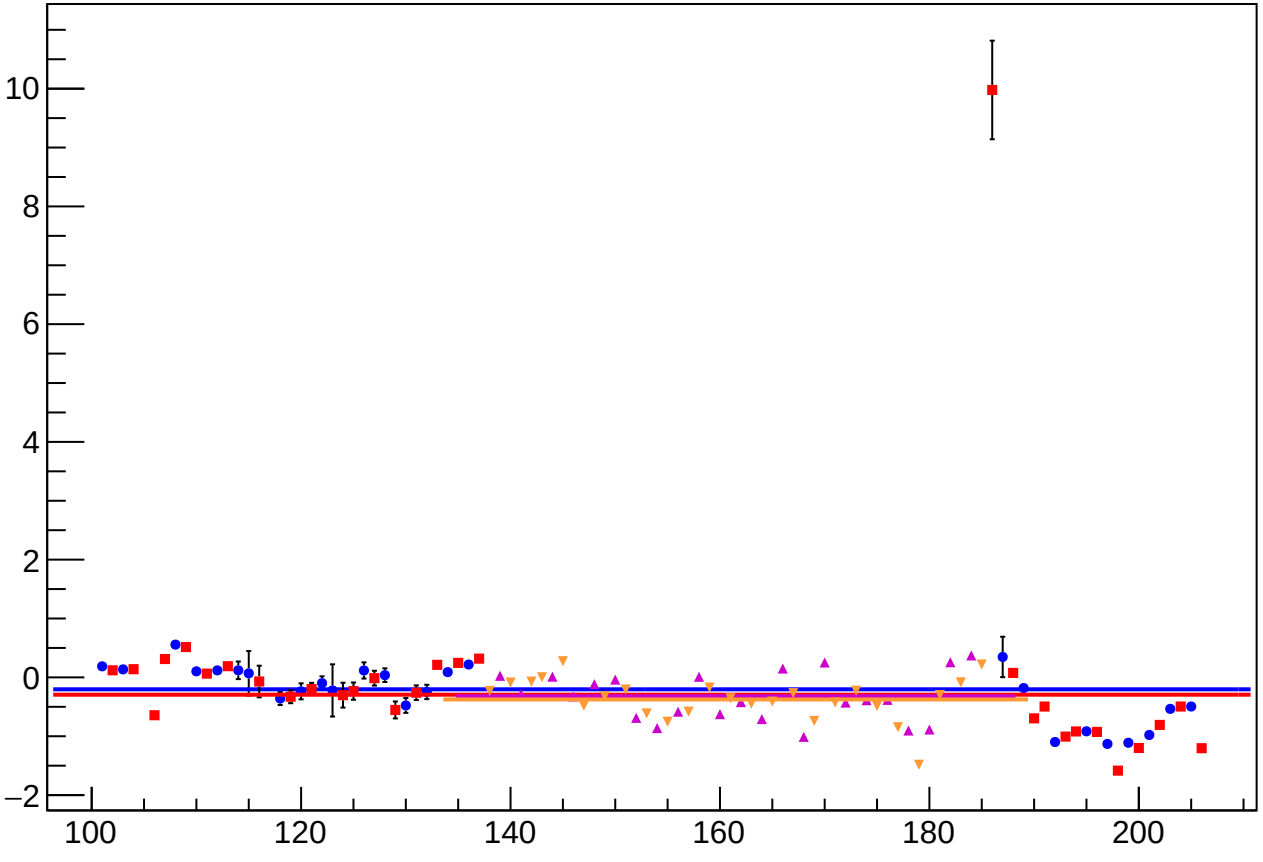
Right: 42.531+/-0.183 χ^2/NDF: 56253.6/55

In: 72.298+/-0.152 χ^2/NDF:45287.7/48

Out: 72.049+/-0.146 χ^2/NDF:52092.2/54

All: 72.169+/-0.105 χ^2/NDF: 97381.3/103

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.203+/-0.011 χ^2/NDF: 2695.0/25

Left Out: -0.375+/-0.008 χ^2/NDF:1657.5/24

Right Out: -0.294+/-0.010 χ^2/NDF: 3556.3/29

Left In: -0.320+/-0.008 χ^2/NDF:2325.0/22

Left: -0.348+/-0.006 χ^2/NDF: 4005.2/47

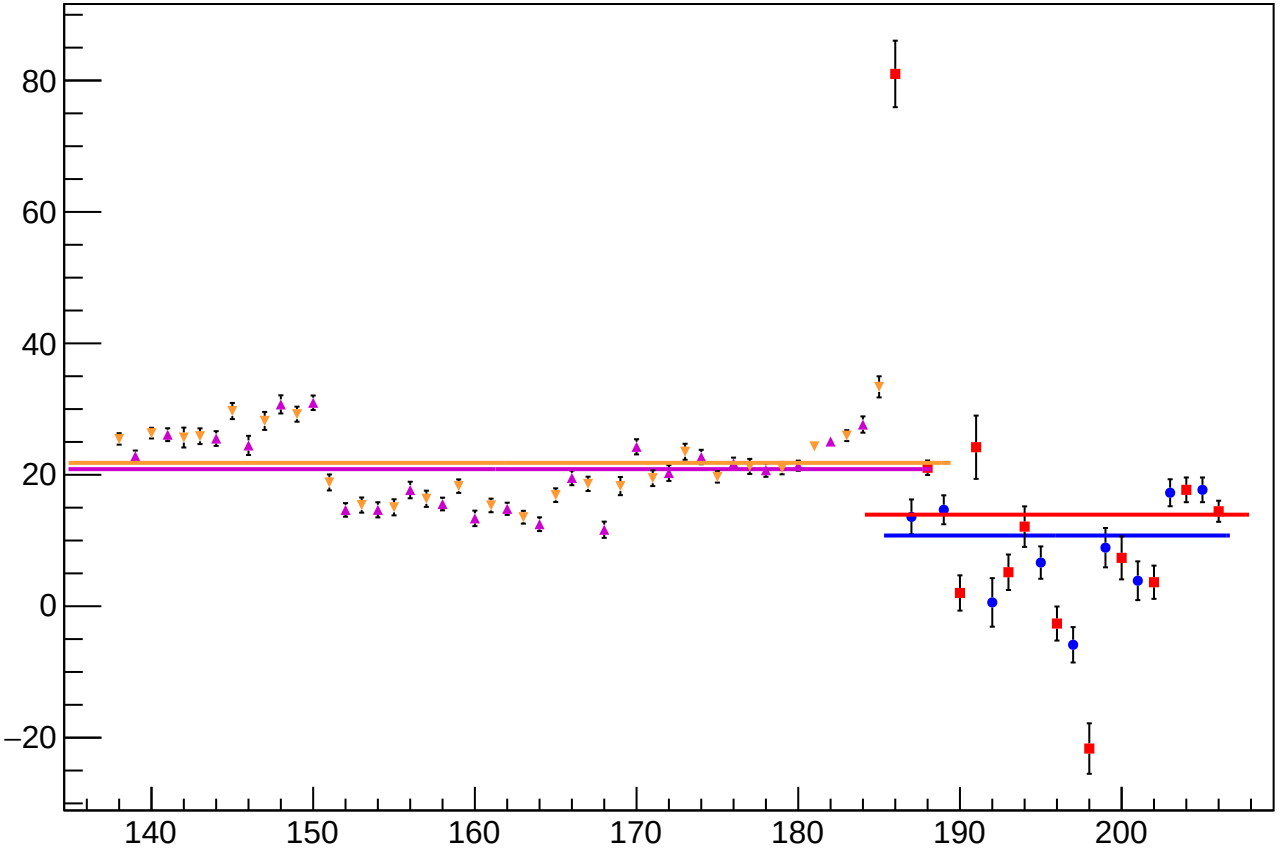
Right: -0.253+/-0.007 χ^2/NDF: 6288.3/55

In: -0.279+/-0.007 χ^2/NDF:5092.4/48

Out: -0.343+/-0.006 χ^2/NDF:5252.2/54

All: -0.312+/-0.005 χ^2/NDF: 10394.2/103

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 10.760+/-0.825 χ^2/NDF: 82.3/8

Left Out: 21.818+/-0.210 χ^2/NDF:522.7/24

Right Out: 13.934+/-0.643 χ^2/NDF: 403.7/11

Left In: 20.860+/-0.216 χ^2/NDF:575.5/22

Left: 21.351+/-0.151 χ^2/NDF: 1108.3/47

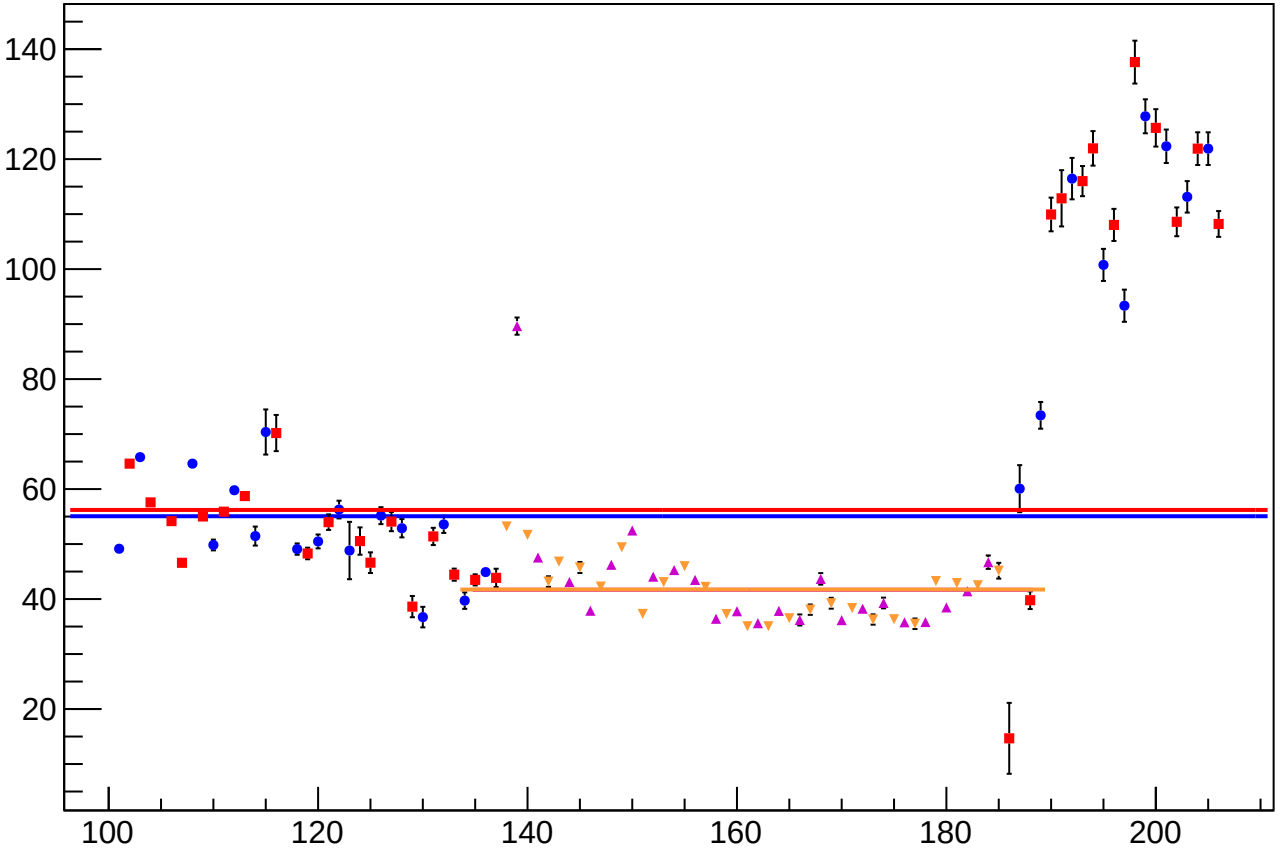
Right: 12.734+/-0.507 χ^2/NDF: 495.2/20

In: 20.215+/-0.209 χ^2/NDF:798.2/31

Out: 21.057+/-0.200 χ^2/NDF:1062.1/36

All: 20.654+/-0.144 χ^2/NDF: 1868.8/68

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 55.061+/-0.206 χ^2/NDF: 3996.1/25

Left Out: 41.732+/-0.166 χ^2/NDF:1014.0/24

Right Out: 56.204+/-0.219 χ^2/NDF: 5065.1/29

Left In: 41.682+/-0.173 χ^2/NDF:1715.9/22

Left: 41.709+/-0.120 χ^2/NDF: 2729.9/47

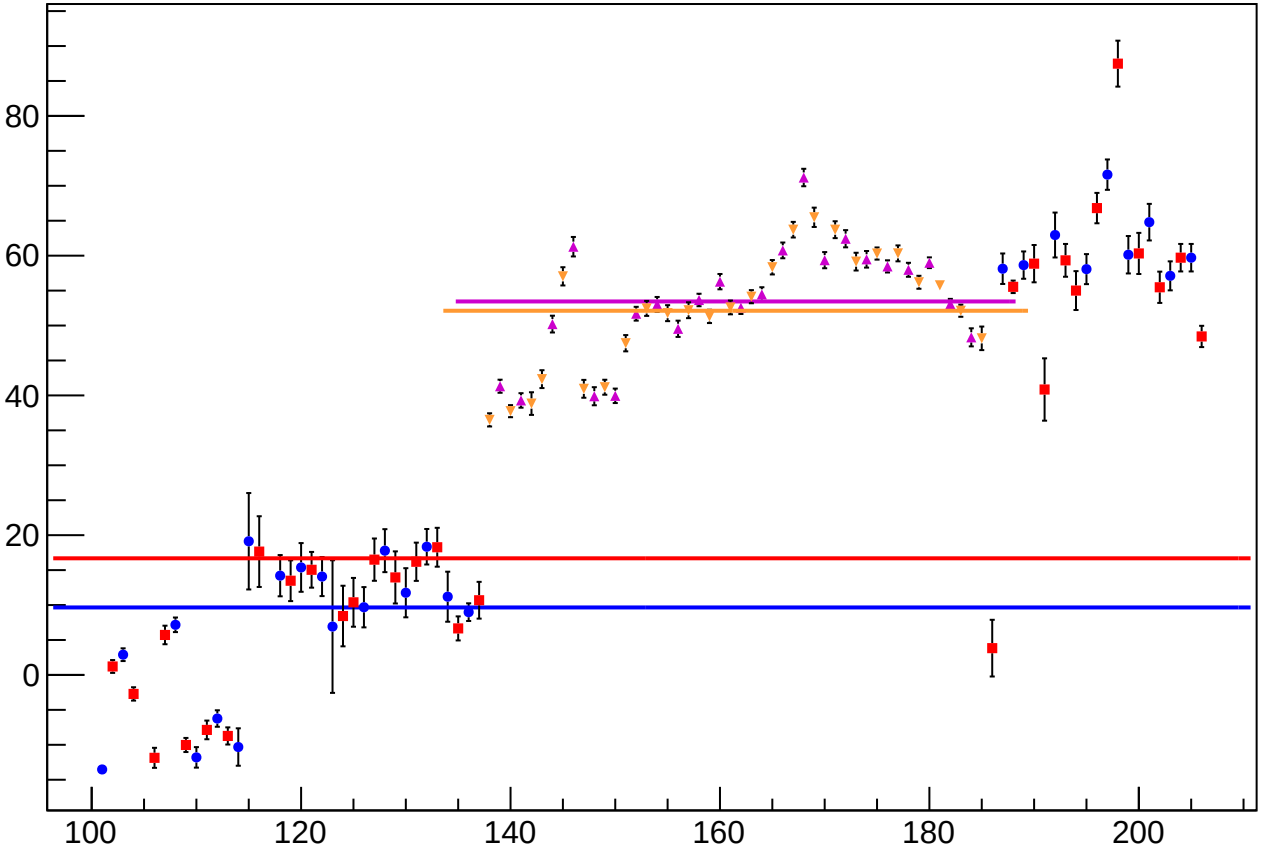
Right: 55.597+/-0.150 χ^2/NDF: 9075.7/55

In: 47.238+/-0.133 χ^2/NDF:8183.6/48

Out: 47.002+/-0.132 χ^2/NDF:8851.2/54

All: 47.120+/-0.094 χ^2/NDF: 17036.4/103

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.657+/-0.327 χ^2/NDF: 6617.5/25

Left Out: 52.116+/-0.210 χ^2/NDF:1445.4/24

Right Out: 16.689+/-0.316 χ^2/NDF: 7807.9/29

Left In: 53.447+/-0.214 χ^2/NDF:1167.6/22

Left: 52.769+/-0.150 χ^2/NDF: 2632.6/47

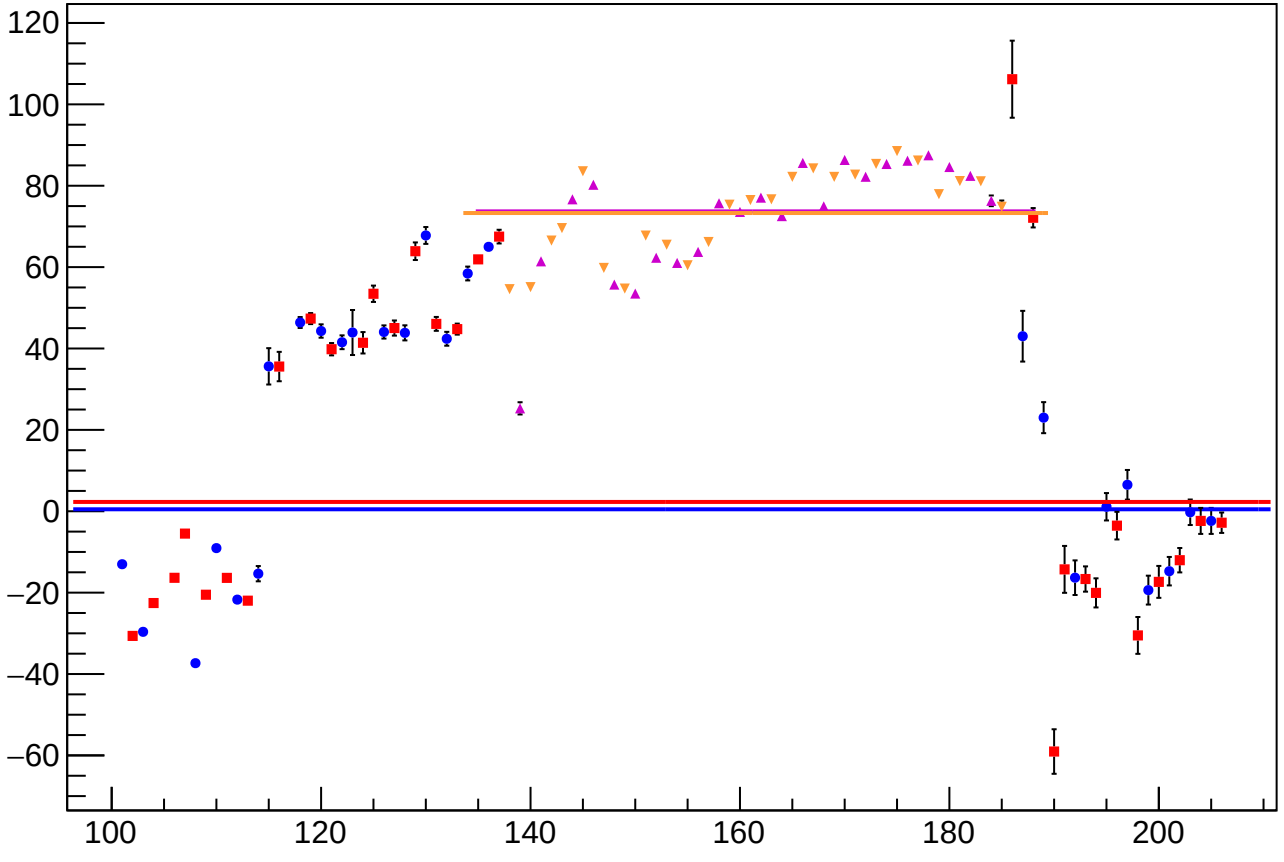
Right: 13.301+/-0.227 χ^2/NDF: 14664.5/55

In: 40.304+/-0.179 χ^2/NDF:20303.3/48

Out: 41.215+/-0.175 χ^2/NDF:17973.8/54

All: 40.770+/-0.125 χ^2/NDF: 38290.3/103

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.484+/-0.242 χ^2/NDF: 18574.7/25

Left Out: 73.294+/-0.187 χ^2/NDF:3148.2/24

Right Out: 2.292+/-0.258 χ^2/NDF: 16679.7/29

Left In: 73.699+/-0.194 χ^2/NDF:3901.1/22

Left: 73.489+/-0.135 χ^2/NDF: 7051.6/47

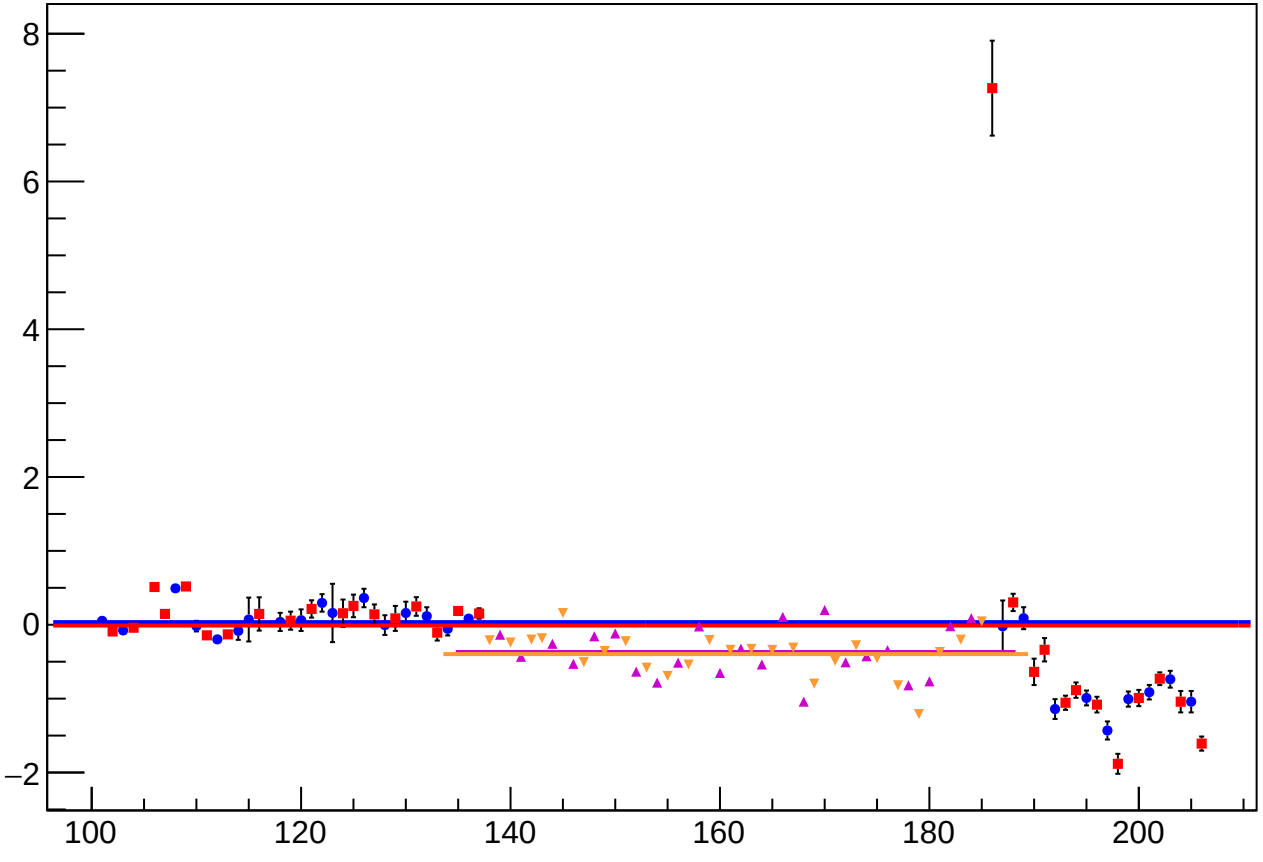
Right: 1.327+/-0.177 χ^2/NDF: 35280.6/55

In: 45.051+/-0.151 χ^2/NDF:78287.7/48

Out: 48.839+/-0.152 χ^2/NDF:69298.8/54

All: 46.940+/-0.107 χ^2/NDF: 147899.4/103

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.036+/-0.011 χ^2/NDF: 1060.1/25

Left Out: -0.397+/-0.009 χ^2/NDF:943.5/24

Right Out: -0.011+/-0.011 χ^2/NDF: 1574.2/29

Left In: -0.369+/-0.009 χ^2/NDF:1322.7/22

Left: -0.383+/-0.006 χ^2/NDF: 2271.6/47

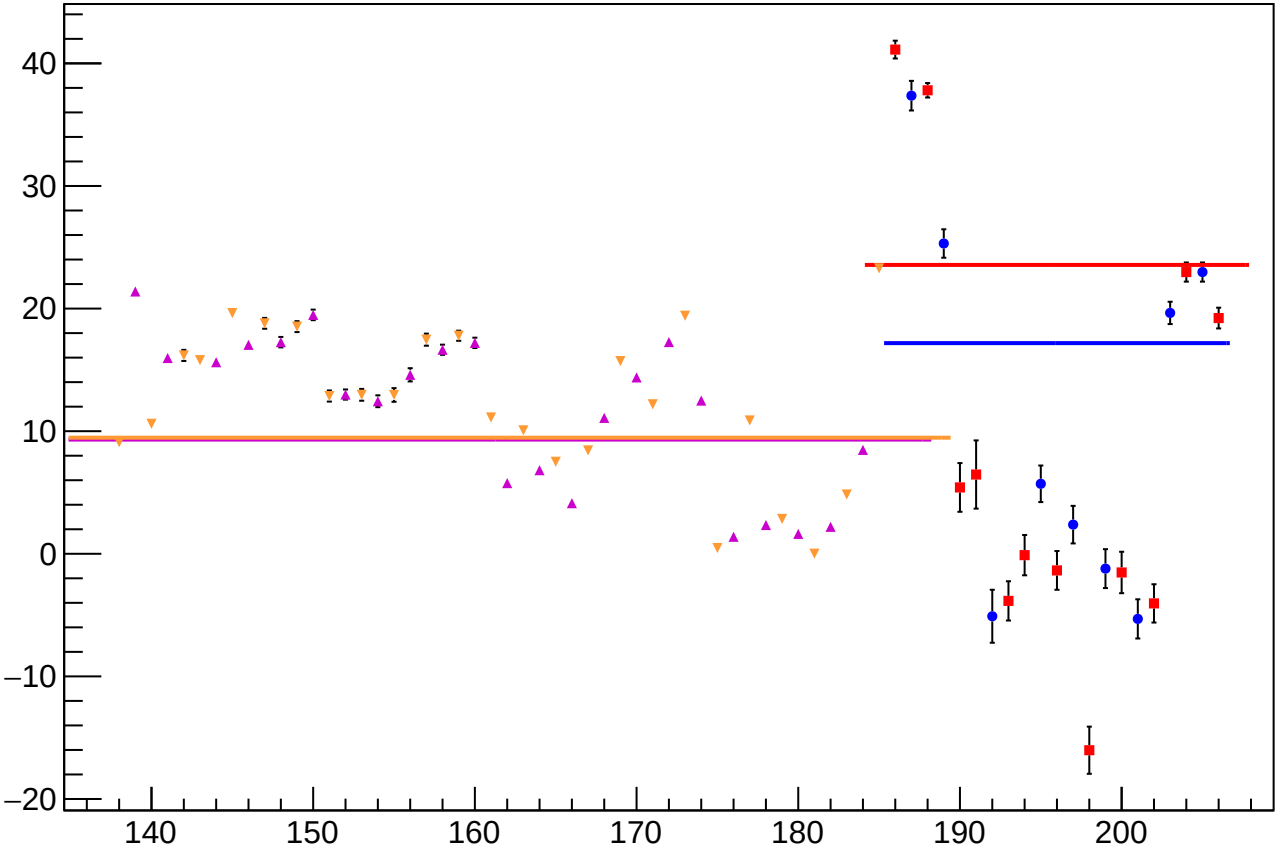
Right: 0.012+/-0.007 χ^2/NDF: 2643.8/55

In: -0.208+/-0.007 χ^2/NDF:3251.1/48

Out: -0.243+/-0.007 χ^2/NDF:3327.5/54

All: -0.226+/-0.005 χ^2/NDF: 6592.7/103

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 17.182+/-0.403 χ^2/NDF: 981.7/8

Left Out: 9.470+/-0.061 χ^2/NDF:12578.0/24

Right Out: 23.561+/-0.311 χ^2/NDF: 3018.5/11

Left In: 9.315+/-0.063 χ^2/NDF:11007.3/22

Left: 9.394+/-0.044 χ^2/NDF: 23588.5/47

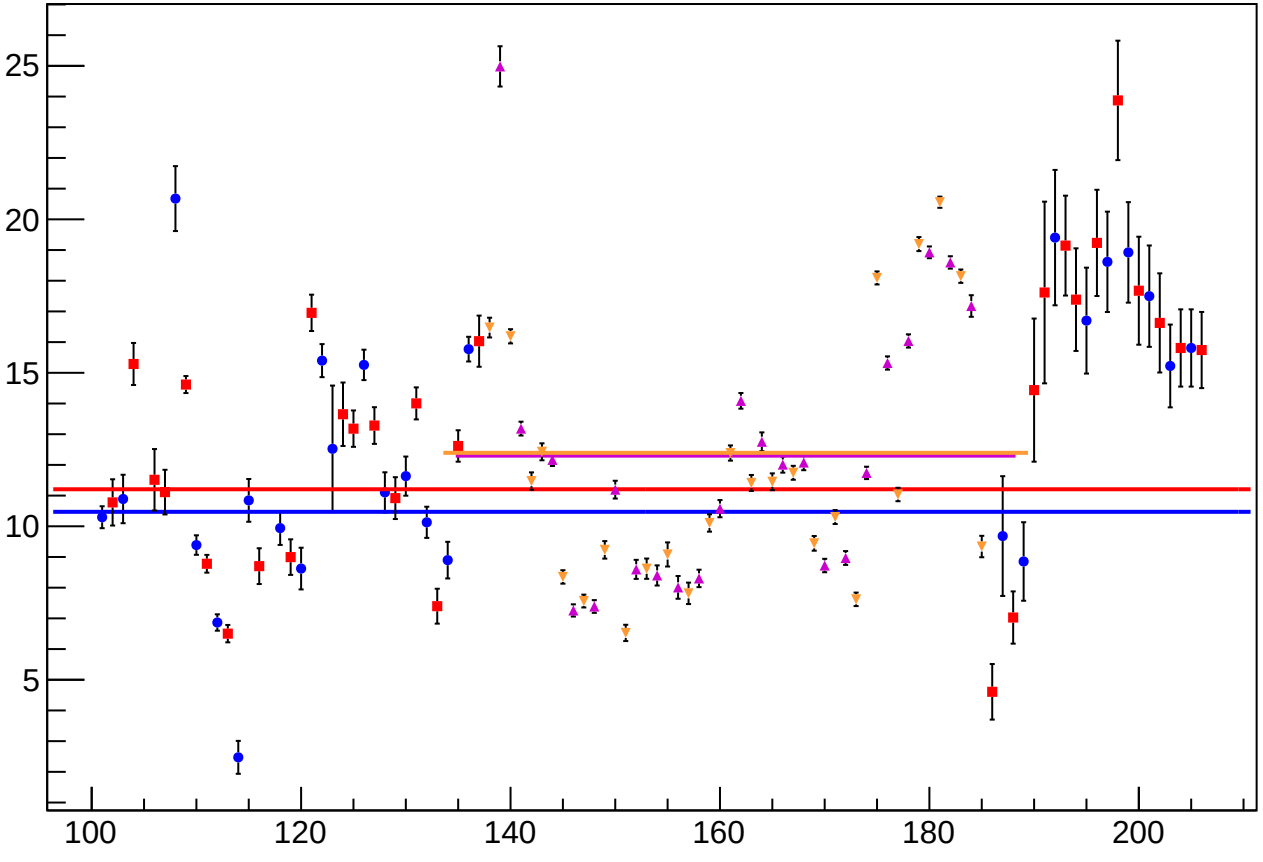
Right: 21.186+/-0.246 χ^2/NDF: 4157.3/20

In: 9.501+/-0.062 χ^2/NDF:12360.8/31

Out: 9.999+/-0.060 χ^2/NDF:17578.0/36

All: 9.757+/-0.043 χ^2/NDF: 29972.0/68

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.471+/-0.116 χ^2/NDF: 1013.1/25

Left Out: 12.393+/-0.050 χ^2/NDF:7525.9/24

Right Out: 11.206+/-0.112 χ^2/NDF: 1040.8/29

Left In: 12.302+/-0.051 χ^2/NDF:5661.3/22

Left: 12.349+/-0.036 χ^2/NDF: 13188.8/47

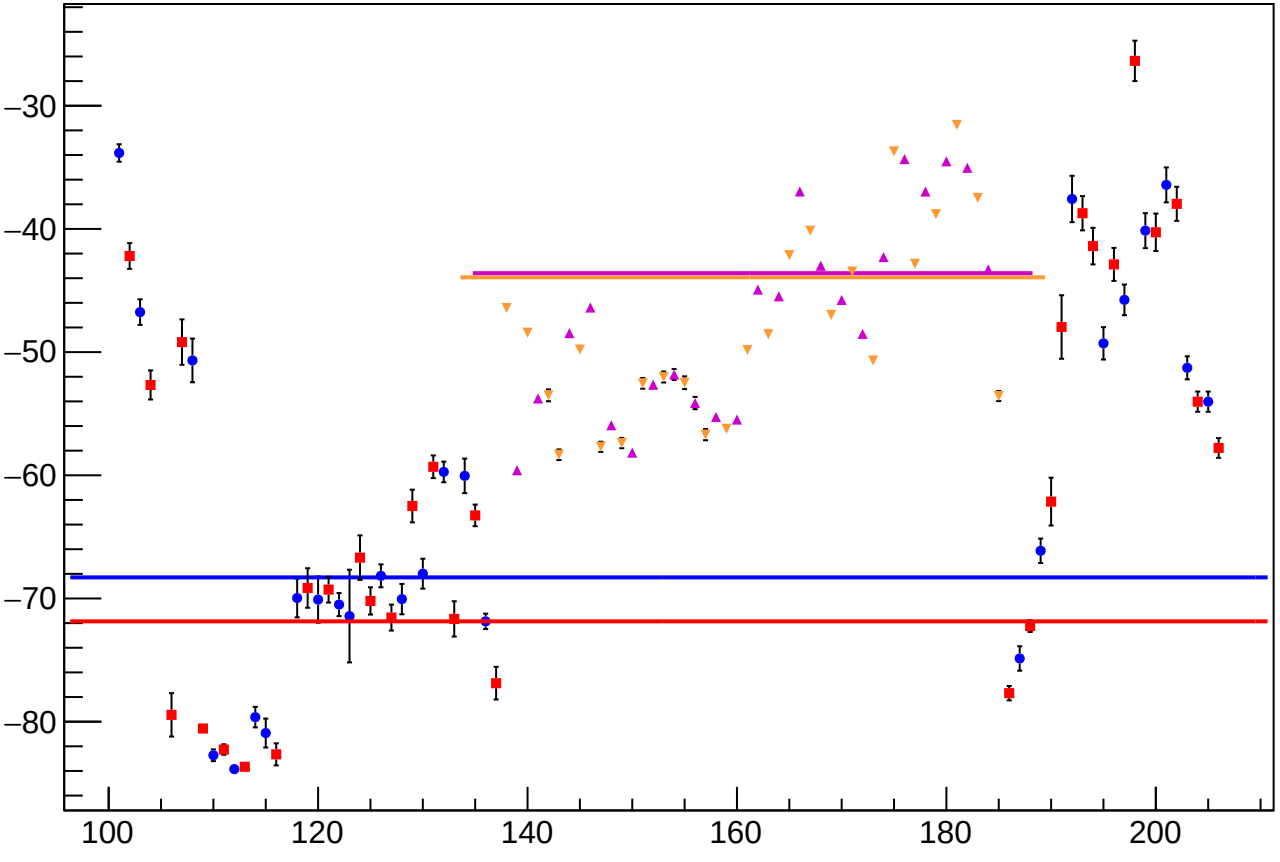
Right: 10.852+/-0.080 χ^2/NDF: 2074.7/55

In: 12.005+/-0.047 χ^2/NDF:6883.2/48

Out: 12.197+/-0.046 χ^2/NDF:8660.6/54

All: 12.103+/-0.033 χ^2/NDF: 15552.6/103

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -68.287+/-0.175 χ^2/NDF: 8341.0/25

Left Out: -43.930+/-0.062 χ^2/NDF:17576.0/24

Right Out: -71.856+/-0.151 χ^2/NDF: 8037.0/29

Left In: -43.591+/-0.063 χ^2/NDF:15574.9/22

Left: -43.763+/-0.044 χ^2/NDF: 33165.5/47

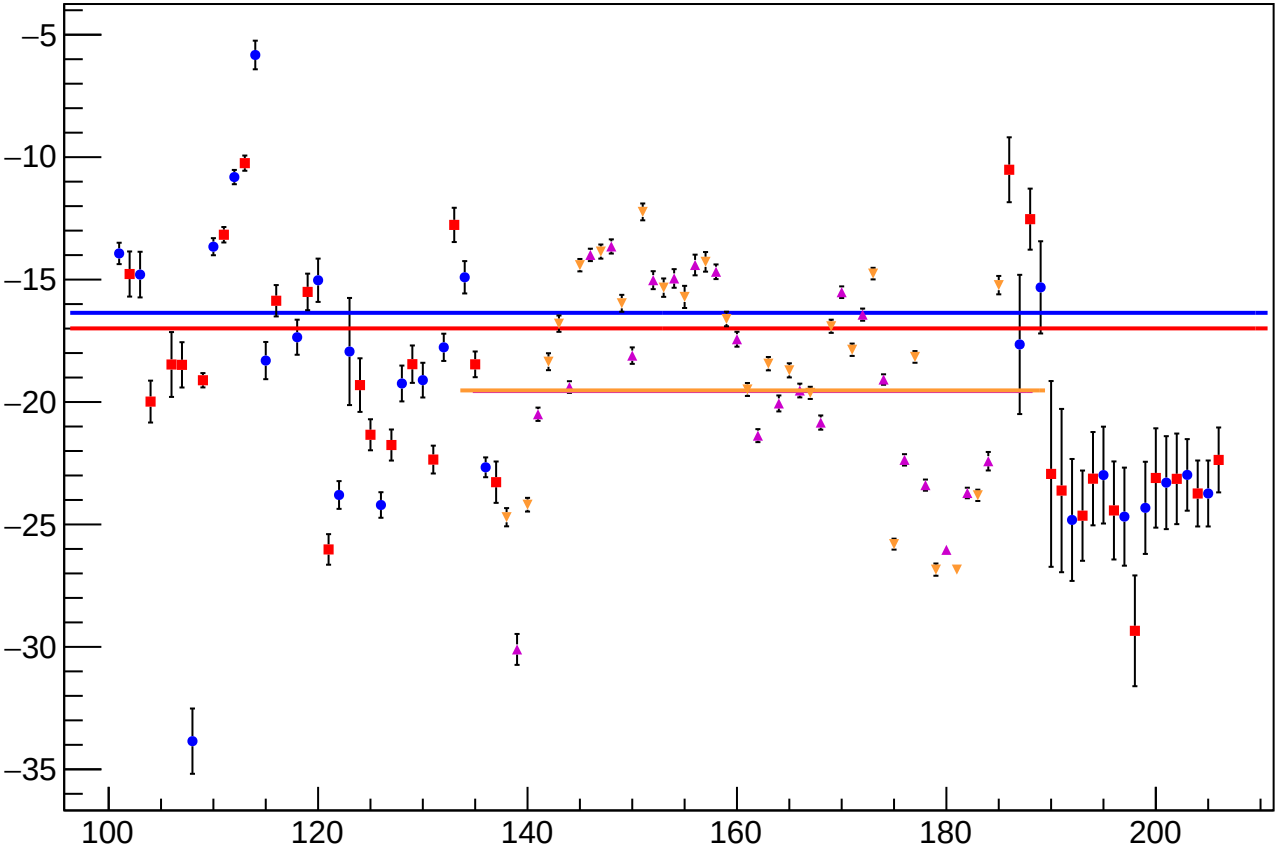
Right: -70.335+/-0.114 χ^2/NDF: 16617.3/55

In: -46.437+/-0.059 χ^2/NDF:41583.7/48

Out: -47.978+/-0.057 χ^2/NDF:54996.7/54

All: -47.233+/-0.041 χ^2/NDF: 96928.9/103

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.357+/-0.129 χ^2/NDF: 1767.9/25

Left Out: -19.526+/-0.056 χ^2/NDF:6493.0/24

Right Out: -16.993+/-0.124 χ^2/NDF: 1384.7/29

Left In: -19.552+/-0.057 χ^2/NDF:4359.1/22

Left: -19.539+/-0.040 χ^2/NDF: 10852.2/47

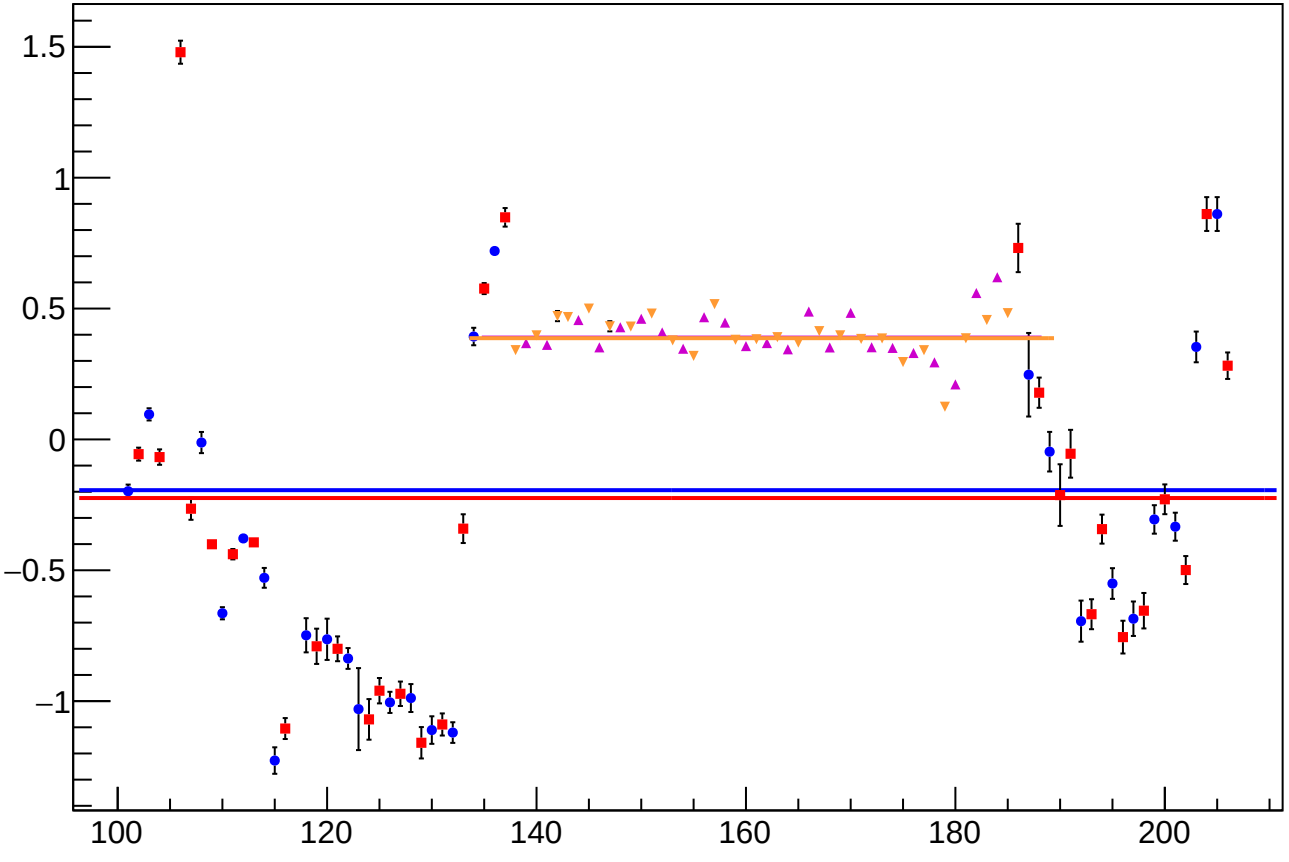
Right: -16.688+/-0.090 χ^2/NDF: 3165.2/55

In: -19.029+/-0.052 χ^2/NDF:6638.7/48

Out: -19.100+/-0.051 χ^2/NDF:8223.7/54

All: -19.065+/-0.036 χ^2/NDF: 14863.3/103

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.194+/-0.007 χ^2/NDF: 6848.1/25

Left Out: 0.387+/-0.003 χ^2/NDF:989.2/24

Right Out: -0.224+/-0.007 χ^2/NDF: 6953.3/29

Left In: 0.389+/-0.003 χ^2/NDF:1257.1/22

Left: 0.388+/-0.002 χ^2/NDF: 2246.7/47

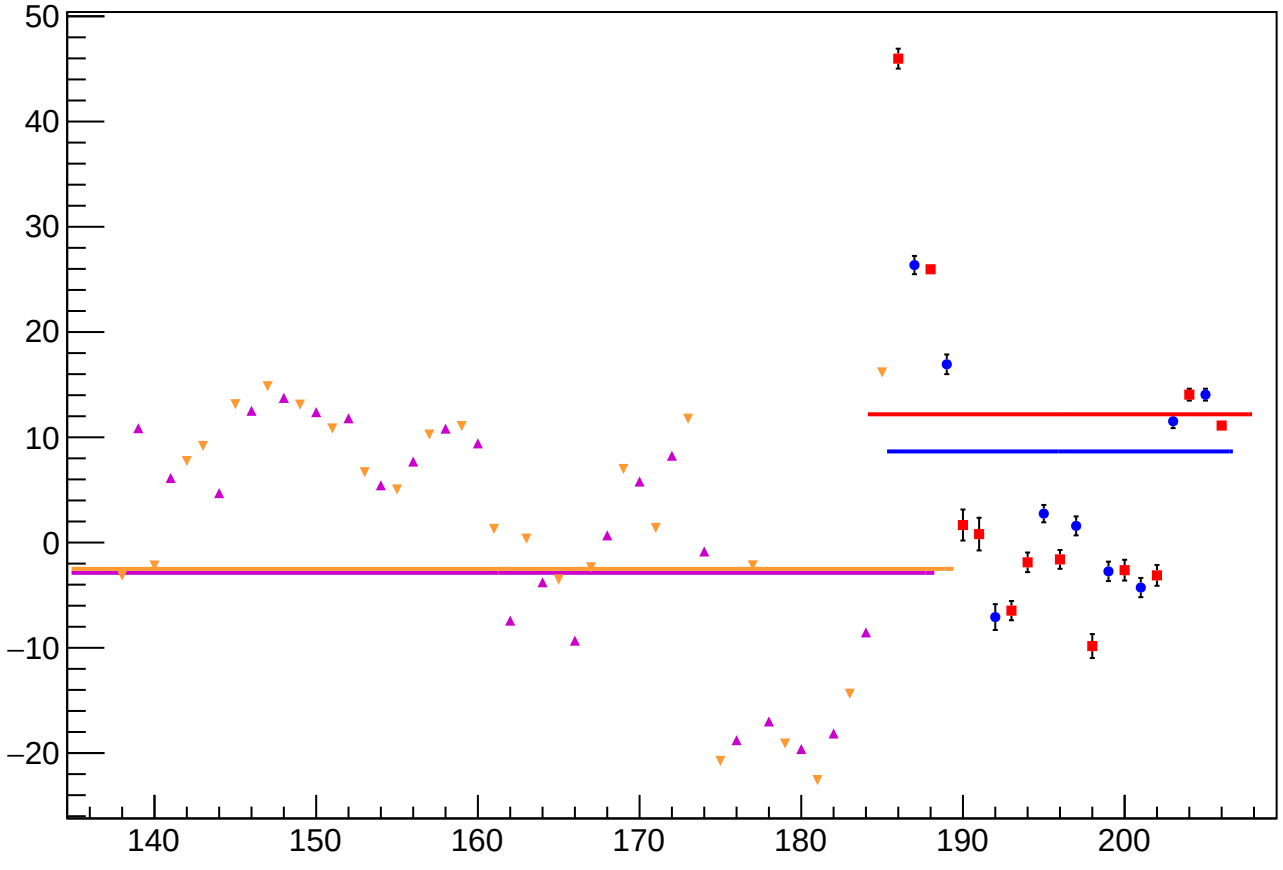
Right: -0.210+/-0.005 χ^2/NDF: 13810.8/55

In: 0.320+/-0.002 χ^2/NDF:14016.1/48

Out: 0.309+/-0.002 χ^2/NDF:15214.9/54

All: 0.314+/-0.002 χ^2/NDF: 29242.4/103

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.657+/-0.270 χ^2/NDF: 1235.1/8

Left Out: -2.499+/-0.053 χ^2/NDF:55930.9/24

Right Out: 12.186+/-0.211 χ^2/NDF: 4150.6/11

Left In: -2.876+/-0.055 χ^2/NDF:46380.9/22

Left: -2.681+/-0.038 χ^2/NDF: 102336.4/47

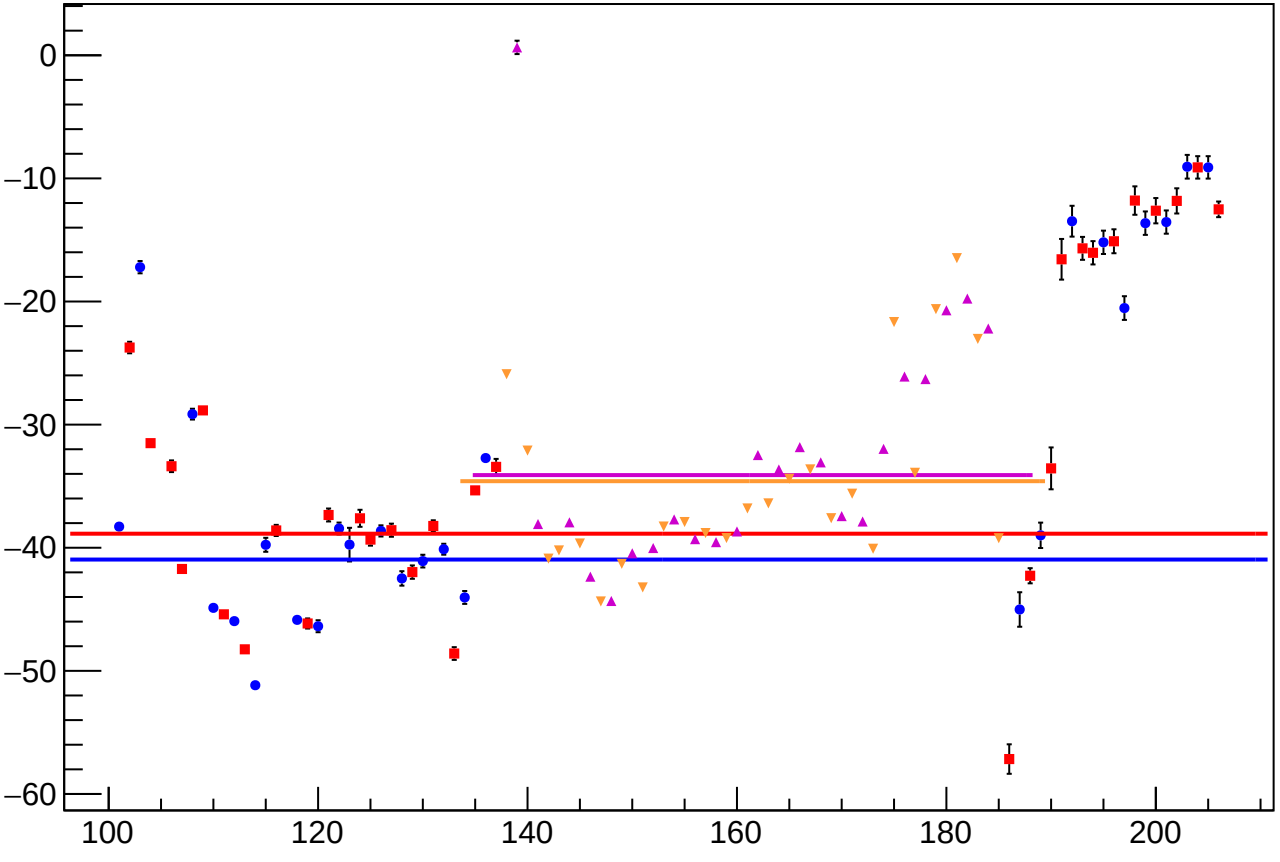
Right: 10.846+/-0.167 χ^2/NDF: 5491.5/20

In: -2.423+/-0.054 χ^2/NDF:49366.3/31

Out: -1.633+/-0.051 χ^2/NDF:64619.0/36

All: -2.012+/-0.037 χ^2/NDF: 114098.8/68

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -40.959+/-0.076 χ^2/NDF: 12489.0/25

Left Out: -34.594+/-0.042 χ^2/NDF:34404.6/24

Right Out: -38.860+/-0.070 χ^2/NDF: 18127.4/29

Left In: -34.099+/-0.044 χ^2/NDF:29370.6/22

Left: -34.358+/-0.030 χ^2/NDF: 63841.7/47

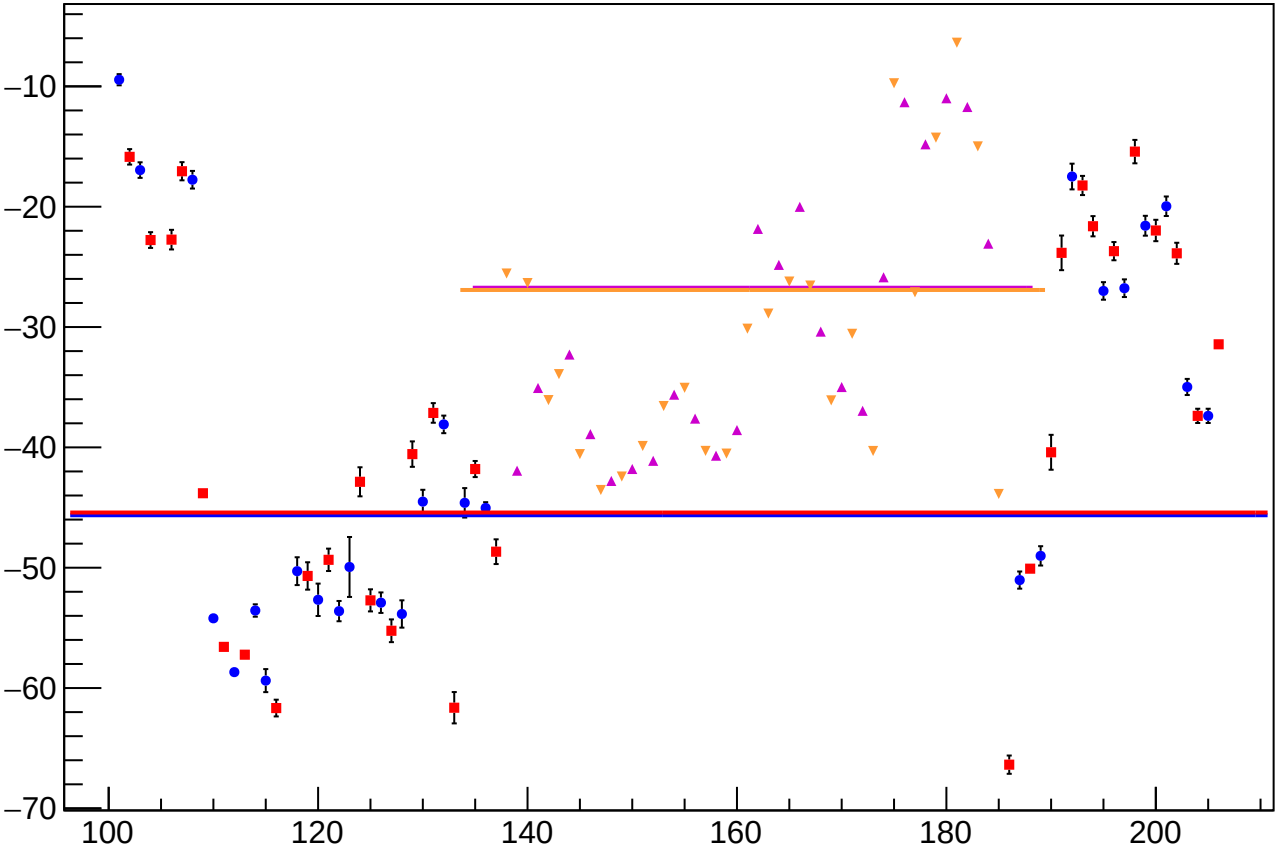
Right: -39.831+/-0.052 χ^2/NDF: 31028.6/55

In: -35.820+/-0.038 χ^2/NDF:47998.8/48

Out: -35.713+/-0.036 χ^2/NDF:55243.9/54

All: -35.764+/-0.026 χ^2/NDF: 103246.9/103

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.640+/-0.111 χ^2/NDF: 19660.8/25

Left Out: -26.920+/-0.053 χ^2/NDF:49198.9/24

Right Out: -45.414+/-0.093 χ^2/NDF: 19353.1/29

Left In: -26.733+/-0.055 χ^2/NDF:42643.0/22

Left: -26.829+/-0.038 χ^2/NDF: 91847.9/47

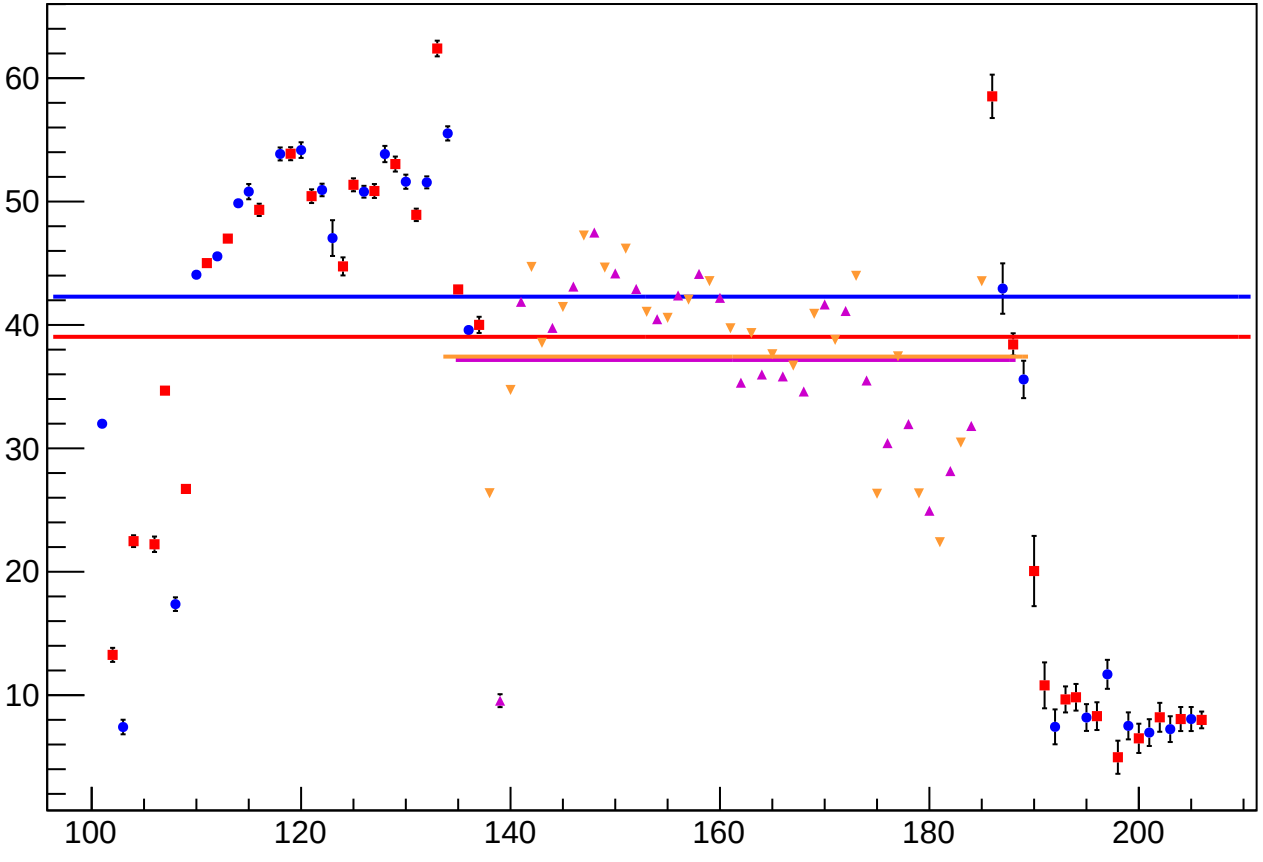
Right: -45.507+/-0.072 χ^2/NDF: 39016.3/55

In: -30.416+/-0.049 χ^2/NDF:85554.7/48

Out: -31.473+/-0.046 χ^2/NDF:98154.4/54

All: -30.976+/-0.034 χ^2/NDF: 183954.4/103

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.293+/-0.085 χ^2/NDF: 17655.6/25

Left Out: 37.435+/-0.047 χ^2/NDF:21517.4/24

Right Out: 39.039+/-0.078 χ^2/NDF: 25194.2/29

Left In: 37.164+/-0.049 χ^2/NDF:17427.3/22

Left: 37.305+/-0.034 χ^2/NDF: 38960.5/47

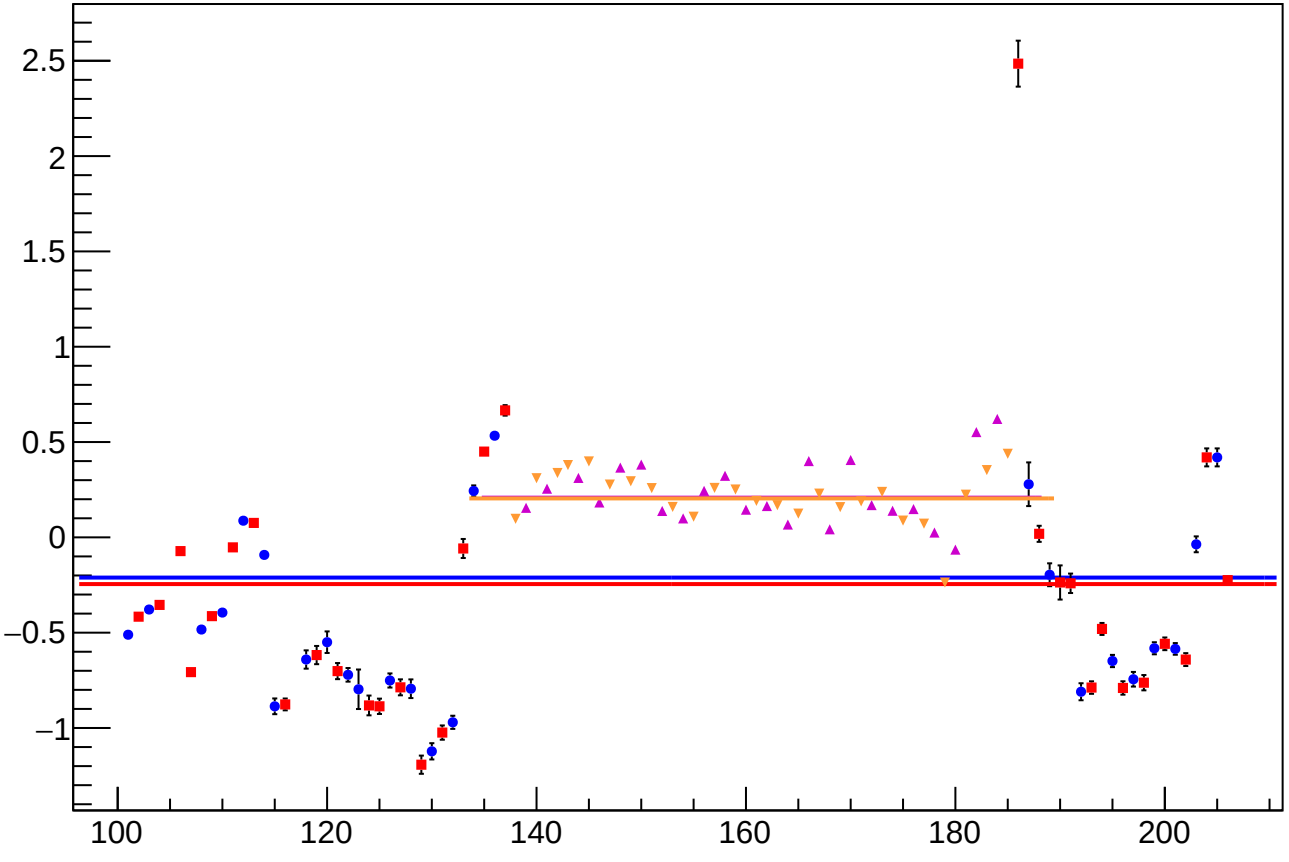
Right: 40.531+/-0.057 χ^2/NDF: 43650.6/55

In: 38.457+/-0.042 χ^2/NDF:37830.5/48

Out: 37.868+/-0.040 χ^2/NDF:47021.4/54

All: 38.148+/-0.029 χ^2/NDF: 84952.7/103

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.211+/-0.005 χ^2/NDF: 8484.0/25

Left Out: 0.204+/-0.002 χ^2/NDF:3801.8/24

Right Out: -0.245+/-0.004 χ^2/NDF: 9215.9/29

Left In: 0.208+/-0.002 χ^2/NDF:5095.2/22

Left: 0.206+/-0.002 χ^2/NDF: 8898.7/47

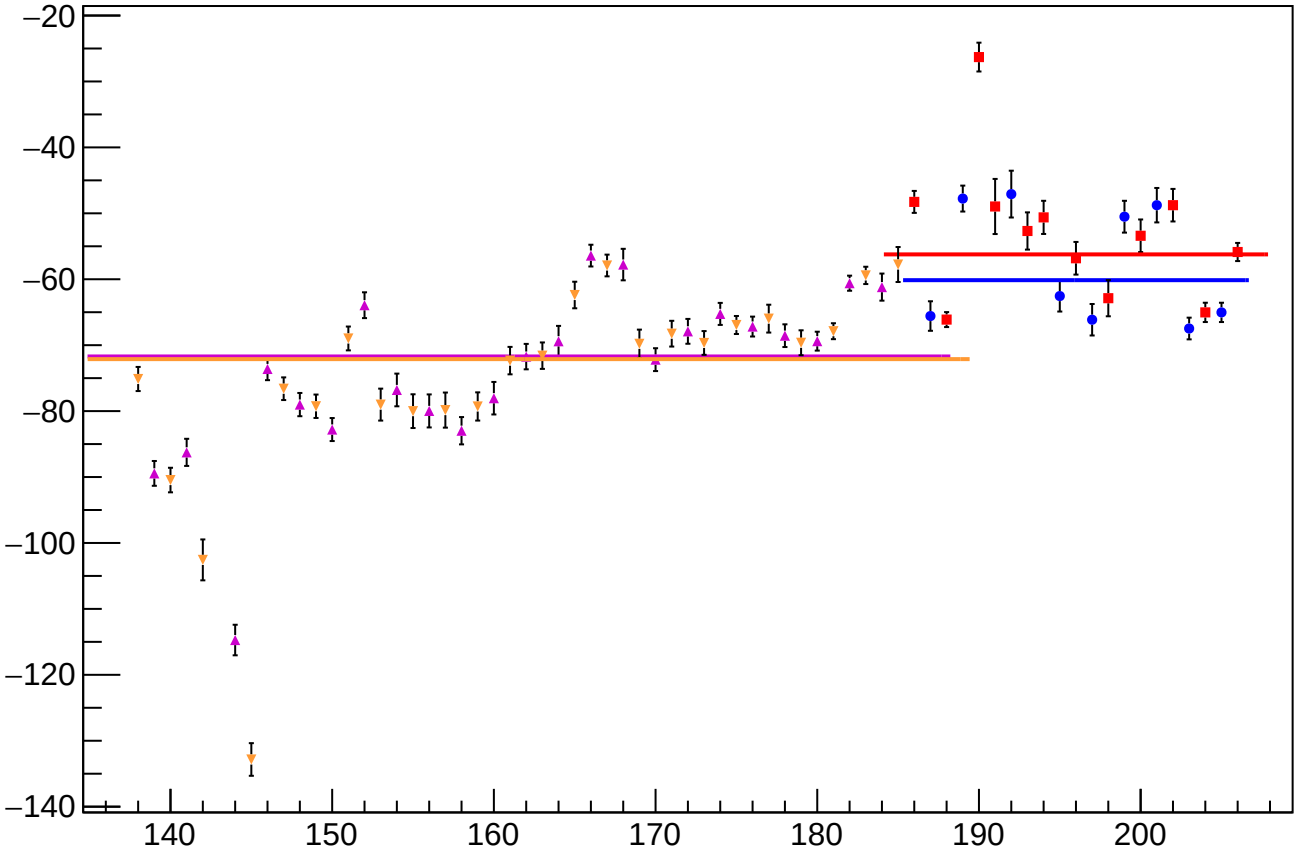
Right: -0.230+/-0.003 χ^2/NDF: 17731.4/55

In: 0.127+/-0.002 χ^2/NDF:20425.9/48

Out: 0.102+/-0.002 χ^2/NDF:22684.8/54

All: 0.114+/-0.001 χ^2/NDF: 43189.2/103

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -60.140+/-0.699 χ^2/NDF: 132.2/8

Left Out: -72.115+/-0.383 χ^2/NDF:1125.2/23

Right Out: -56.229+/-0.550 χ^2/NDF: 348.3/11

Left In: -71.713+/-0.380 χ^2/NDF:884.6/22

Left: -71.913+/-0.270 χ^2/NDF: 2010.3/46

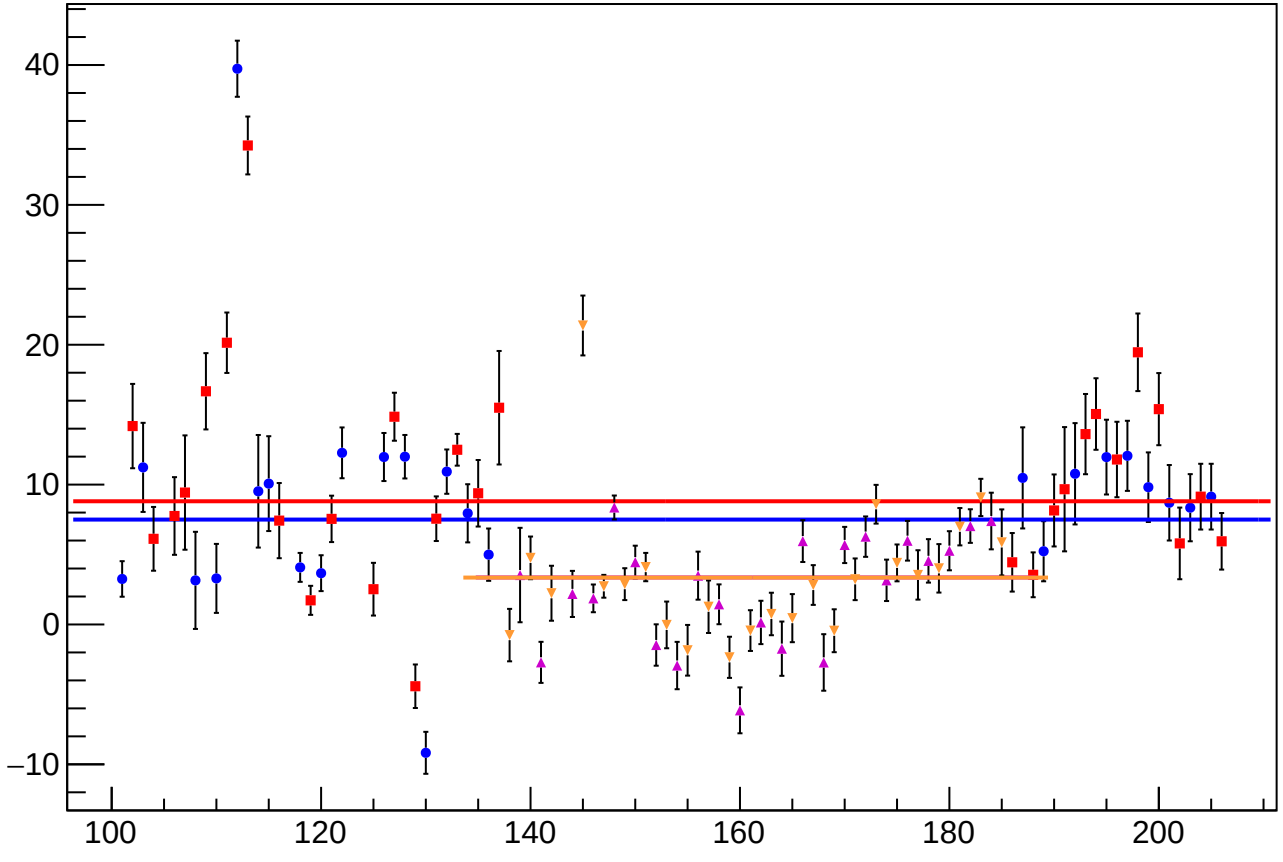
Right: -57.725+/-0.432 χ^2/NDF: 499.9/20

In: -69.069+/-0.334 χ^2/NDF:1228.4/31

Out: -66.933+/-0.314 χ^2/NDF:2035.3/35

All: -67.936+/-0.229 χ^2/NDF: 3285.4/67

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.499+/-0.388 χ^2/NDF: 458.3/24

Left Out: 3.353+/-0.295 χ^2/NDF:167.8/23

Right Out: 8.809+/-0.377 χ^2/NDF: 398.7/28

Left In: 3.360+/-0.298 χ^2/NDF:164.5/22

Left: 3.356+/-0.209 χ^2/NDF: 332.3/46

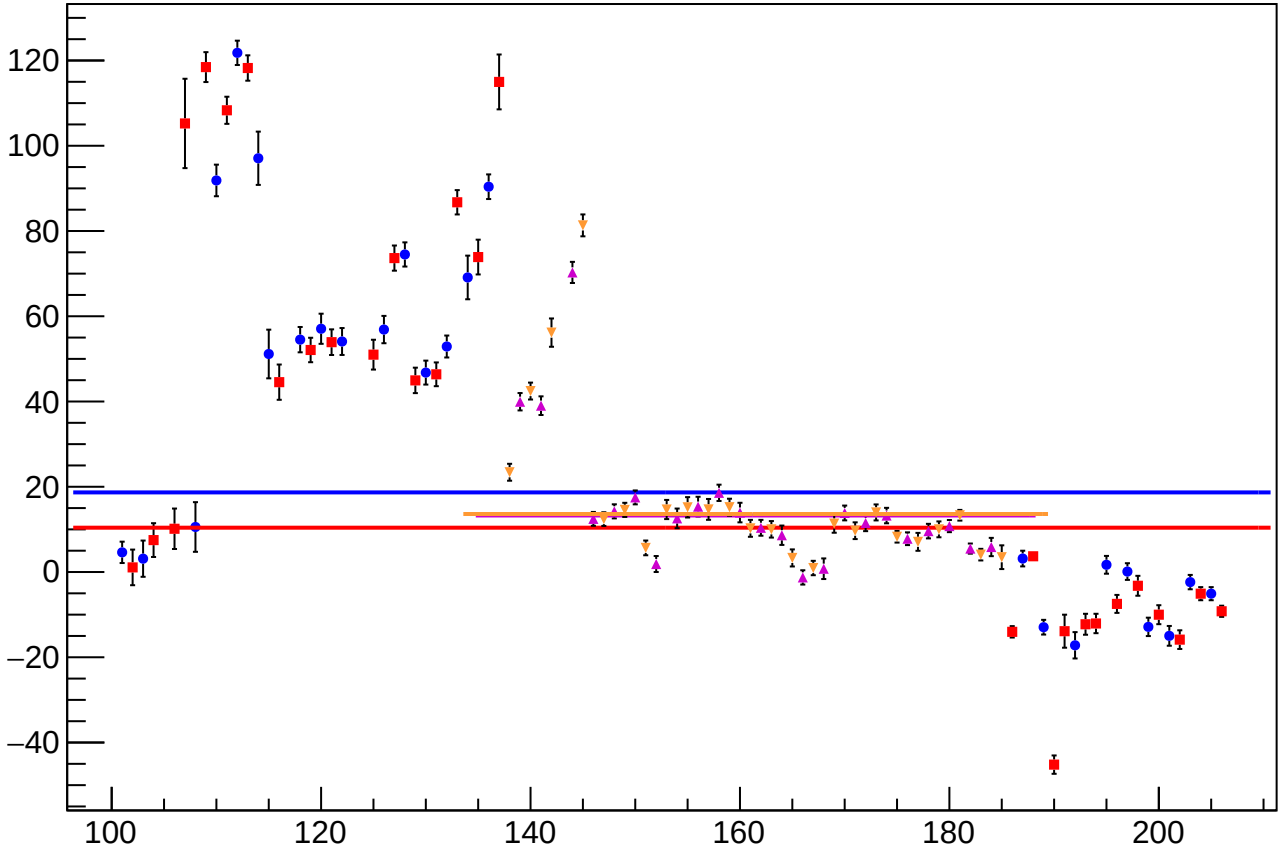
Right: 8.173+/-0.270 χ^2/NDF: 862.8/53

In: 4.893+/-0.236 χ^2/NDF:694.5/47

Out: 5.421+/-0.232 χ^2/NDF:696.5/52

All: 5.161+/-0.166 χ^2/NDF: 1393.5/100

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 18.676+/-0.510 χ^2/NDF: 5356.1/24

Left Out: 13.610+/-0.382 χ^2/NDF:1303.3/23

Right Out: 10.399+/-0.422 χ^2/NDF: 7836.5/28

Left In: 13.262+/-0.379 χ^2/NDF:1077.0/22

Left: 13.434+/-0.269 χ^2/NDF: 2380.7/46

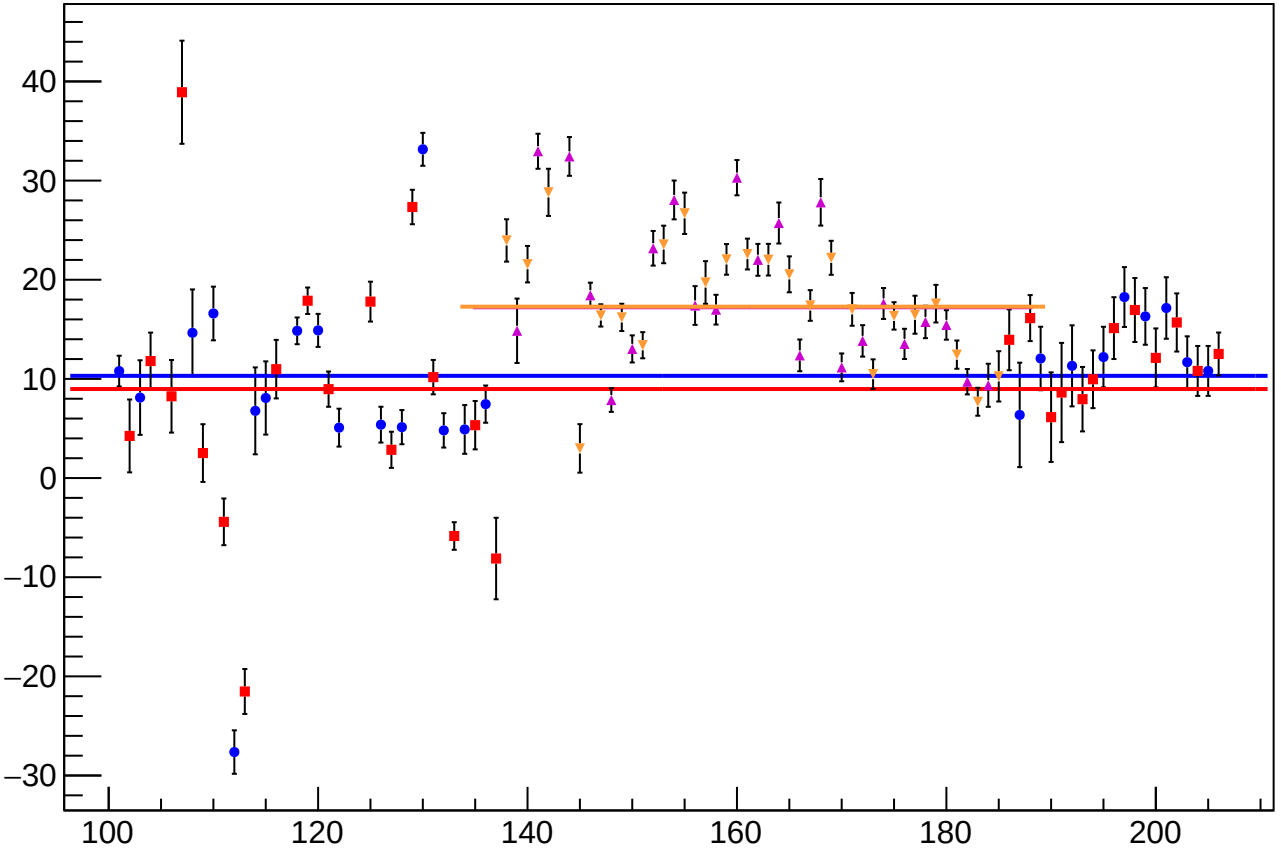
Right: 13.766+/-0.325 χ^2/NDF: 13349.0/53

In: 15.187+/-0.304 χ^2/NDF:6505.8/47

Out: 12.165+/-0.283 χ^2/NDF:9171.6/52

All: 13.569+/-0.207 χ^2/NDF: 15730.3/100

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.308+/-0.451 χ^2/NDF: 574.3/24

Left Out: 17.285+/-0.337 χ^2/NDF:244.0/23

Right Out: 8.978+/-0.441 χ^2/NDF: 607.0/28

Left In: 17.224+/-0.339 χ^2/NDF:442.2/22

Left: 17.255+/-0.239 χ^2/NDF: 686.2/46

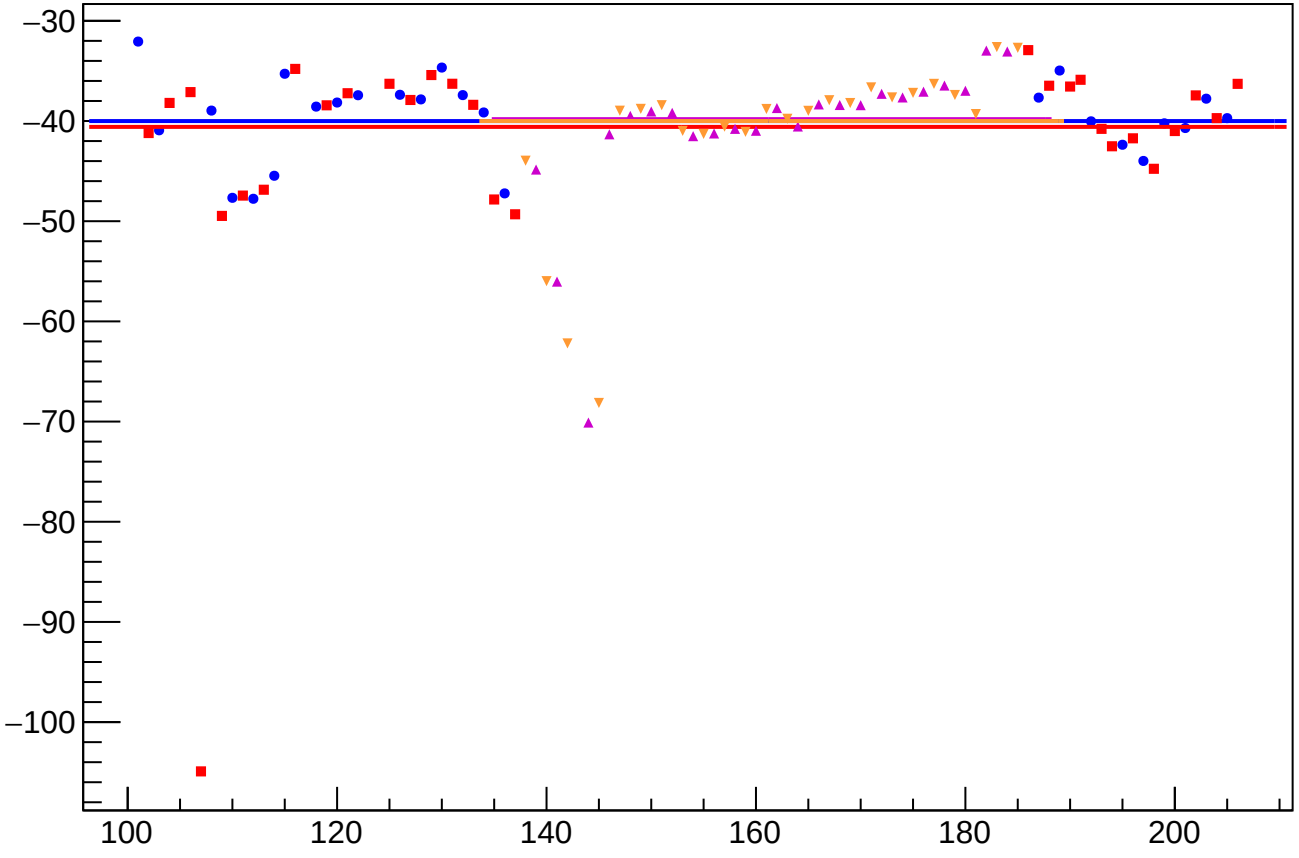
Right: 9.629+/-0.315 χ^2/NDF: 1185.8/53

In: 14.730+/-0.271 χ^2/NDF:1167.1/47

Out: 14.223+/-0.268 χ^2/NDF:1075.0/52

All: 14.473+/-0.190 χ^2/NDF: 2243.9/100

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.005+/-0.023 χ^2/NDF: 30909.1/24

Left Out: -40.002+/-0.016 χ^2/NDF:172150.1/23

Right Out: -40.586+/-0.021 χ^2/NDF: 106018.0/28

Left In: -39.813+/-0.016 χ^2/NDF:145790.5/22

Left: -39.906+/-0.011 χ^2/NDF: 318013.1/46

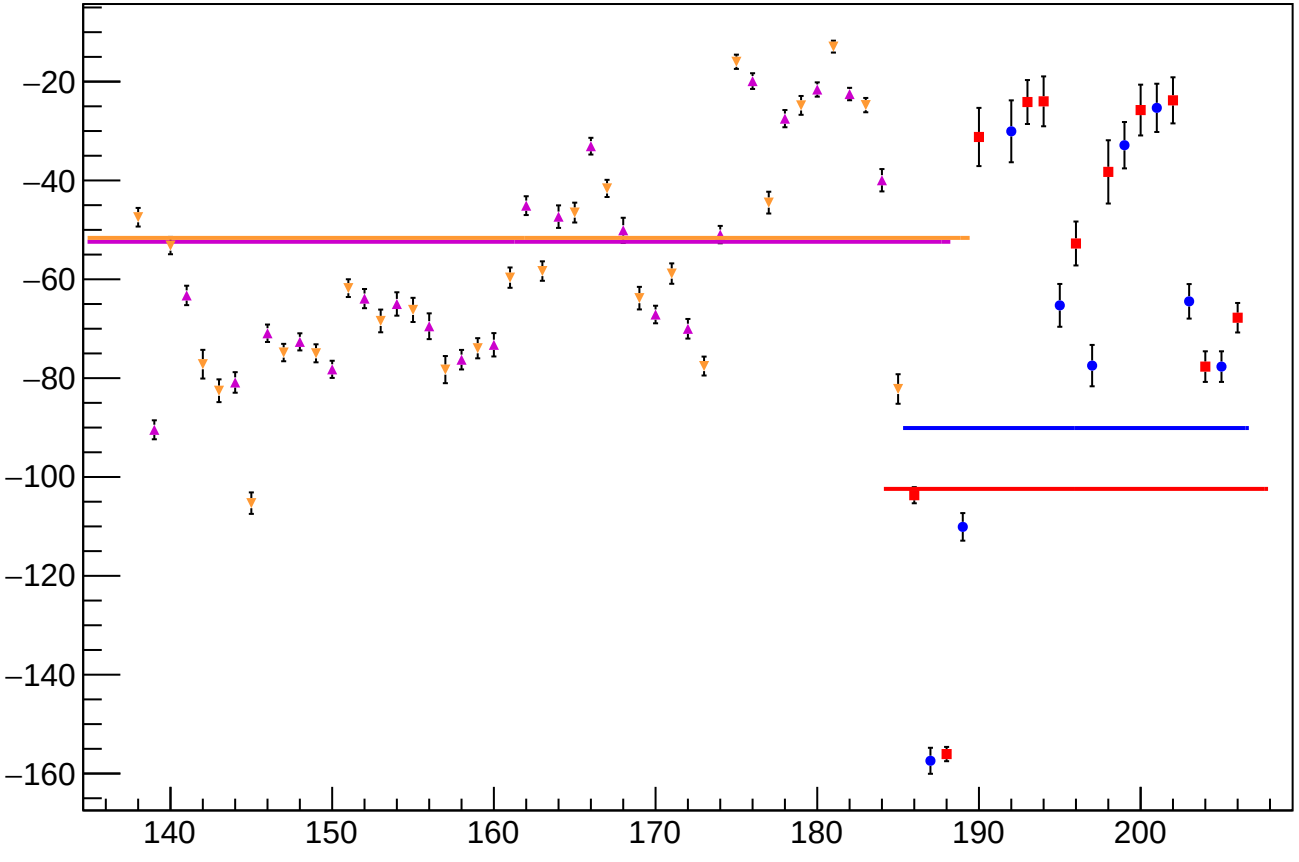
Right: -40.320+/-0.016 χ^2/NDF: 137265.1/53

In: -39.873+/-0.013 χ^2/NDF:176746.6/47

Out: -40.207+/-0.013 χ^2/NDF:278651.8/52

All: -40.043+/-0.009 χ^2/NDF: 455739.2/100

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -90.095+/-1.211 χ^2/NDF: 1234.4/8

Left Out: -51.622+/-0.383 χ^2/NDF:4133.0/24

Right Out: -102.407+/-0.861 χ^2/NDF: 3005.8/10

Left In: -52.409+/-0.387 χ^2/NDF:3378.7/22

Left: -52.012+/-0.272 χ^2/NDF: 7513.8/47

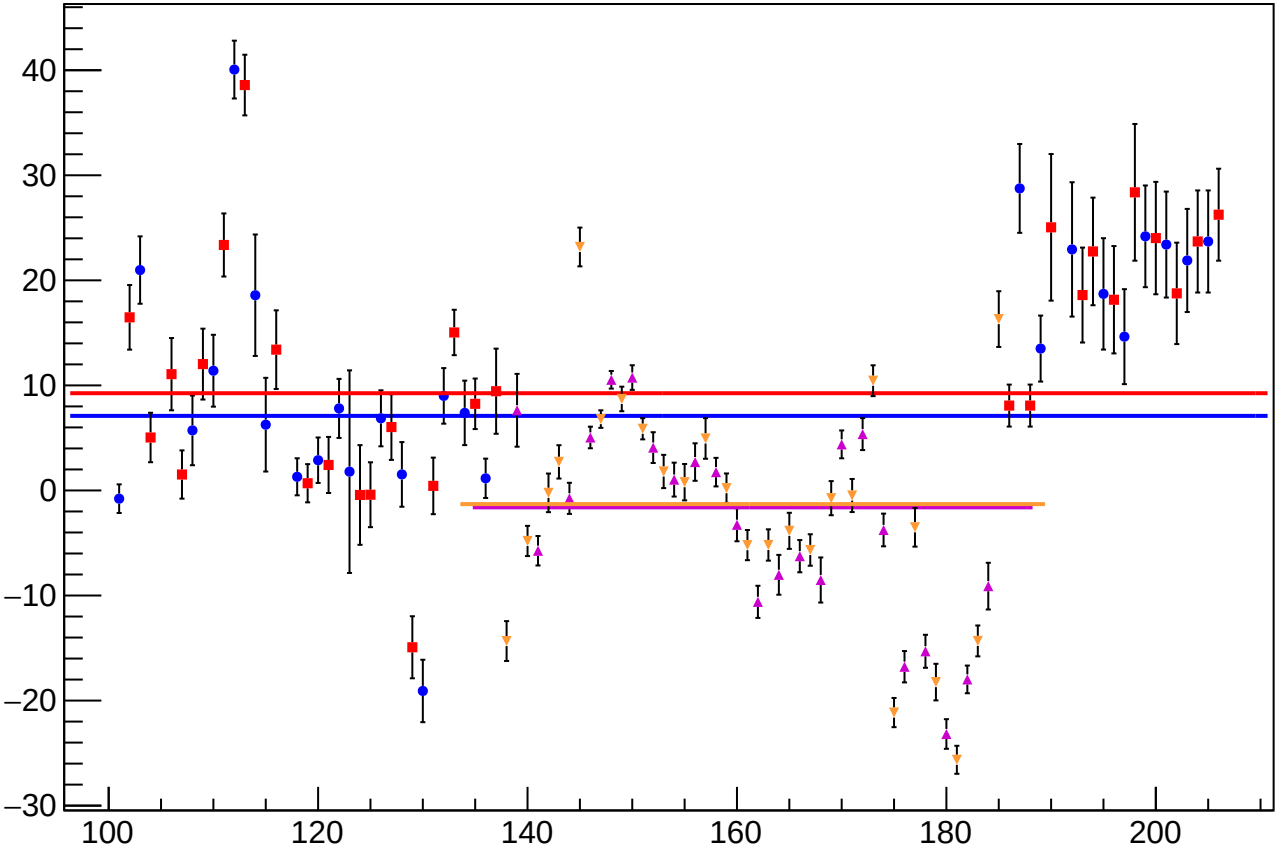
Right: -98.271+/-0.702 χ^2/NDF: 4308.9/19

In: -55.905+/-0.369 χ^2/NDF:5491.9/31

Out: -60.024+/-0.350 χ^2/NDF:10040.5/35

All: -58.070+/-0.254 χ^2/NDF: 15598.0/67

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.099+/-0.575 χ^2/NDF: 395.8/25

Left Out: -1.300+/-0.293 χ^2/NDF:1315.7/24

Right Out: 9.256+/-0.560 χ^2/NDF: 340.6/28

Left In: -1.608+/-0.299 χ^2/NDF:1097.4/22

Left: -1.450+/-0.209 χ^2/NDF: 2413.6/47

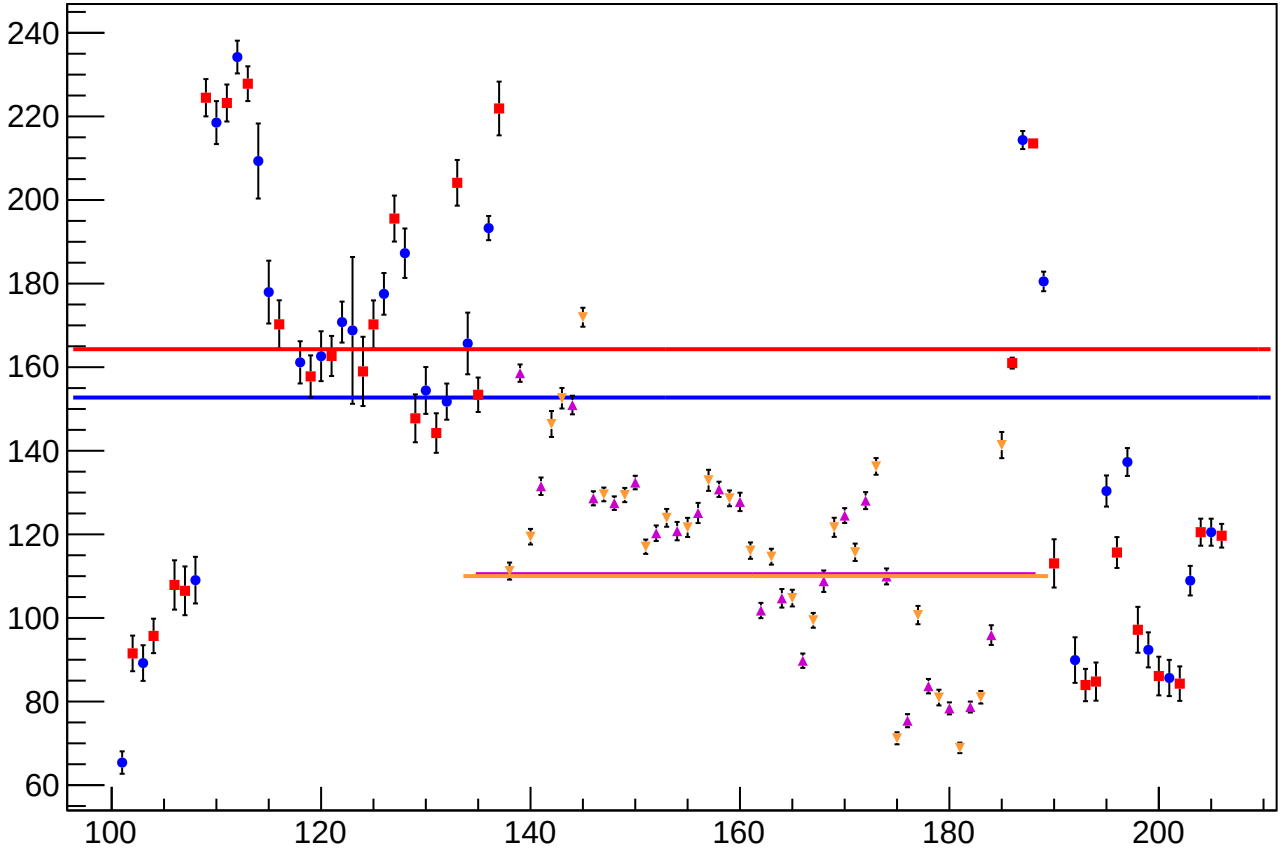
Right: 8.206+/-0.401 χ^2/NDF: 743.6/54

In: 0.250+/-0.266 χ^2/NDF:1673.5/48

Out: 0.962+/-0.259 χ^2/NDF:1935.5/53

All: 0.615+/-0.186 χ^2/NDF: 3612.7/102

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 152.738+/-0.781 χ^2/NDF: 4110.4/25

Left Out: 110.012+/-0.383 χ^2/NDF:4537.0/24

Right Out: 164.301+/-0.618 χ^2/NDF: 5590.5/28

Left In: 110.482+/-0.385 χ^2/NDF:3824.9/22

Left: 110.246+/-0.271 χ^2/NDF: 8362.7/47

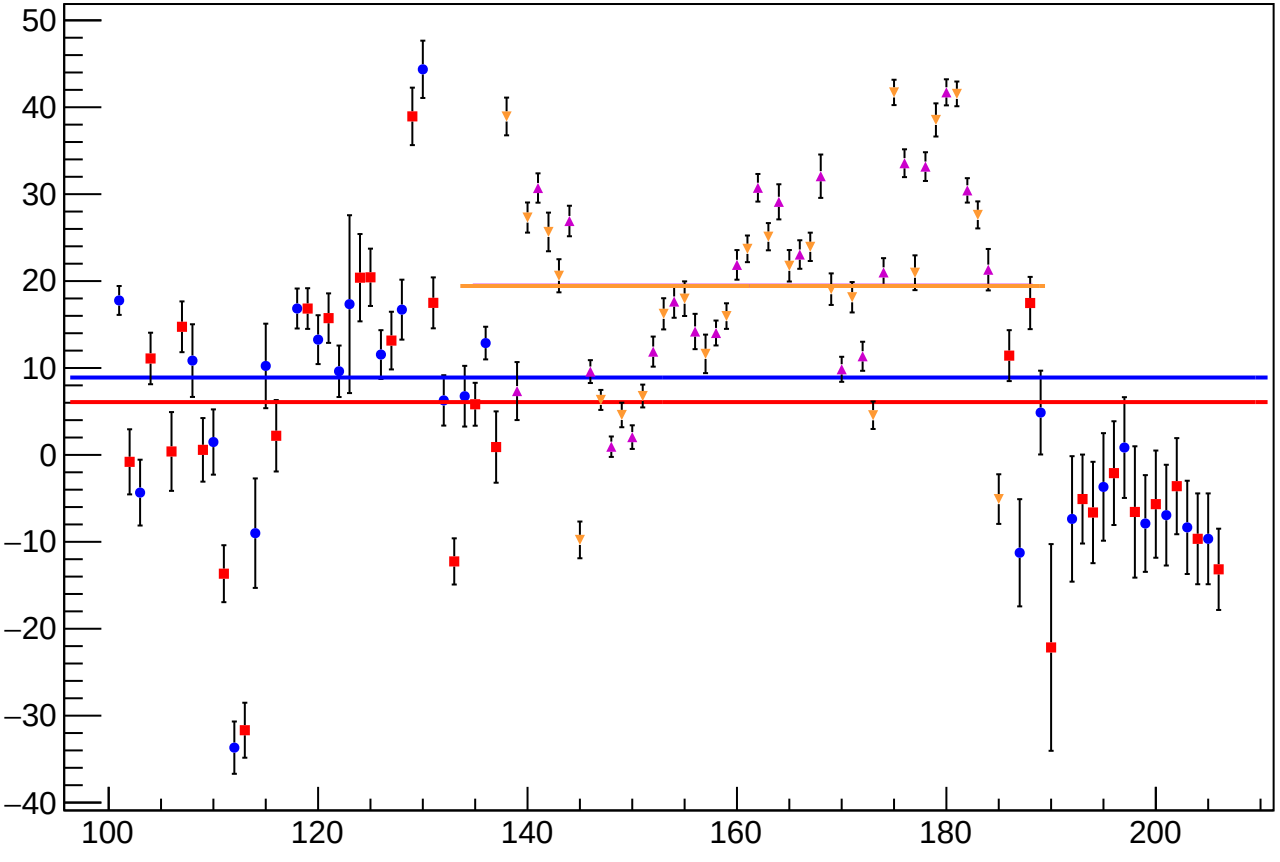
Right: 159.848+/-0.484 χ^2/NDF: 9835.9/54

In: 118.739+/-0.345 χ^2/NDF:10292.8/48

Out: 125.073+/-0.325 χ^2/NDF:15708.3/53

All: 122.092+/-0.237 χ^2/NDF: 26179.5/102

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.905+/-0.668 χ^2/NDF: 457.8/25

Left Out: 19.434+/-0.336 χ^2/NDF:1452.3/24

Right Out: 6.078+/-0.664 χ^2/NDF: 496.2/28

Left In: 19.472+/-0.342 χ^2/NDF:1188.2/22

Left: 19.453+/-0.239 χ^2/NDF: 2640.5/47

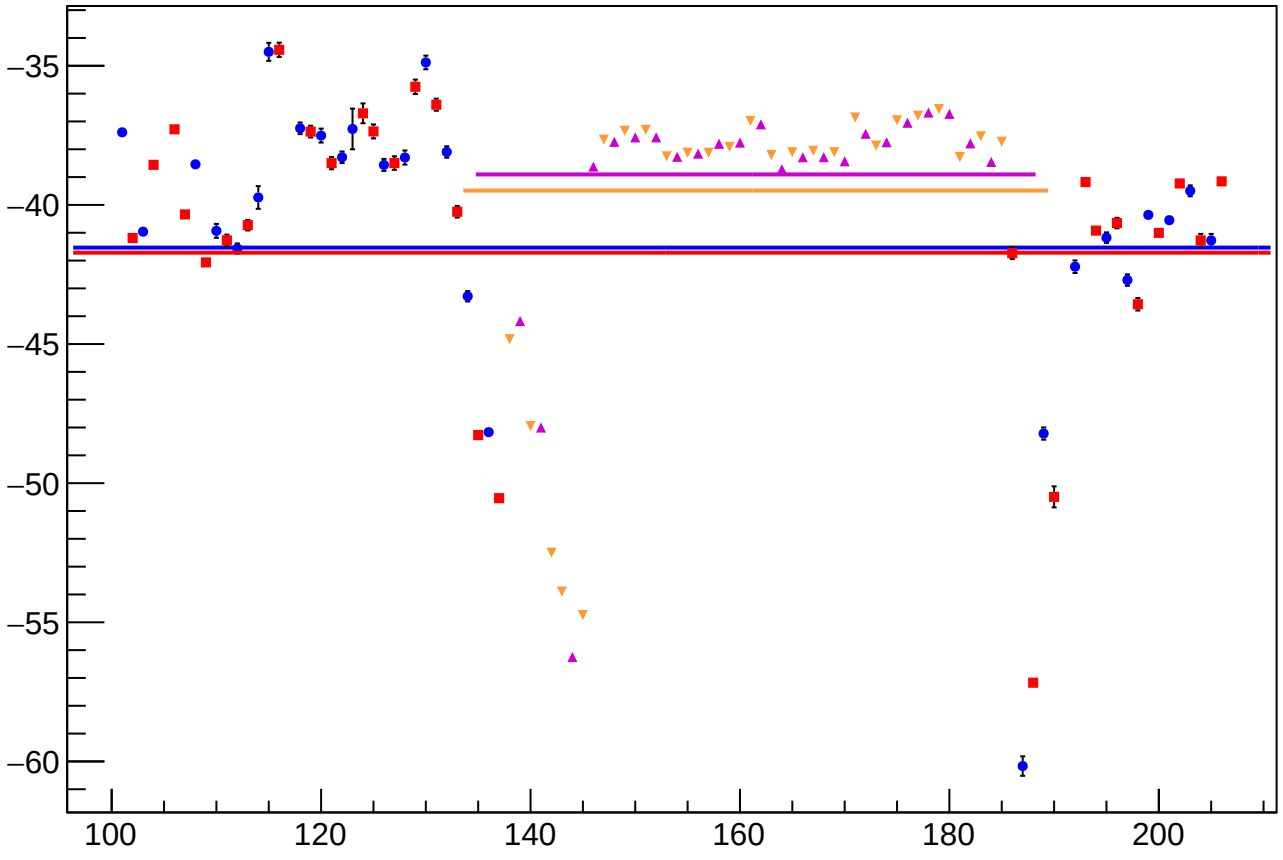
Right: 7.483+/-0.471 χ^2/NDF: 963.0/54

In: 17.280+/-0.304 χ^2/NDF:1844.5/48

Out: 16.717+/-0.299 χ^2/NDF:2270.9/53

All: 16.994+/-0.213 χ^2/NDF: 4117.0/102

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.534+/-0.033 χ^2/NDF: 16617.8/25

Left Out: -39.484+/-0.016 χ^2/NDF:88877.3/24

Right Out: -41.717+/-0.032 χ^2/NDF: 22916.6/28

Left In: -38.905+/-0.016 χ^2/NDF:54282.7/22

Left: -39.195+/-0.011 χ^2/NDF: 143834.7/47

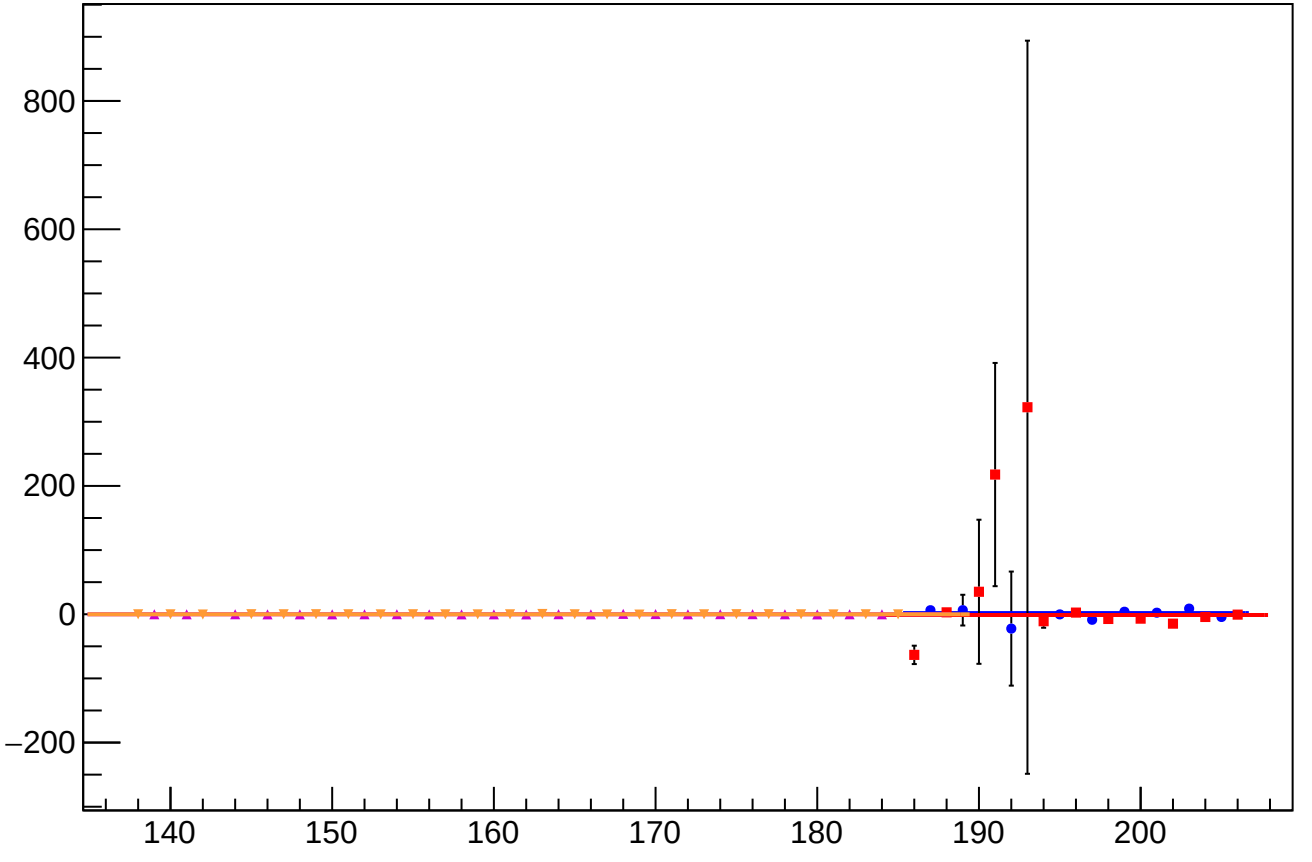
Right: -41.629+/-0.023 χ^2/NDF: 39550.2/54

In: -39.385+/-0.014 χ^2/NDF:75957.7/48

Out: -39.920+/-0.014 χ^2/NDF:115708.9/53

All: -39.655+/-0.010 χ^2/NDF: 192375.4/102

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.793+/-1.657 χ^2/NDF: 12.3/8

Left Out: -0.089+/-0.022 χ^2/NDF:40.0/23

Right Out: -1.180+/-1.399 χ^2/NDF: 34.2/11

Left In: -0.026+/-0.022 χ^2/NDF:32.3/22

Left: -0.057+/-0.016 χ^2/NDF: 76.4/46

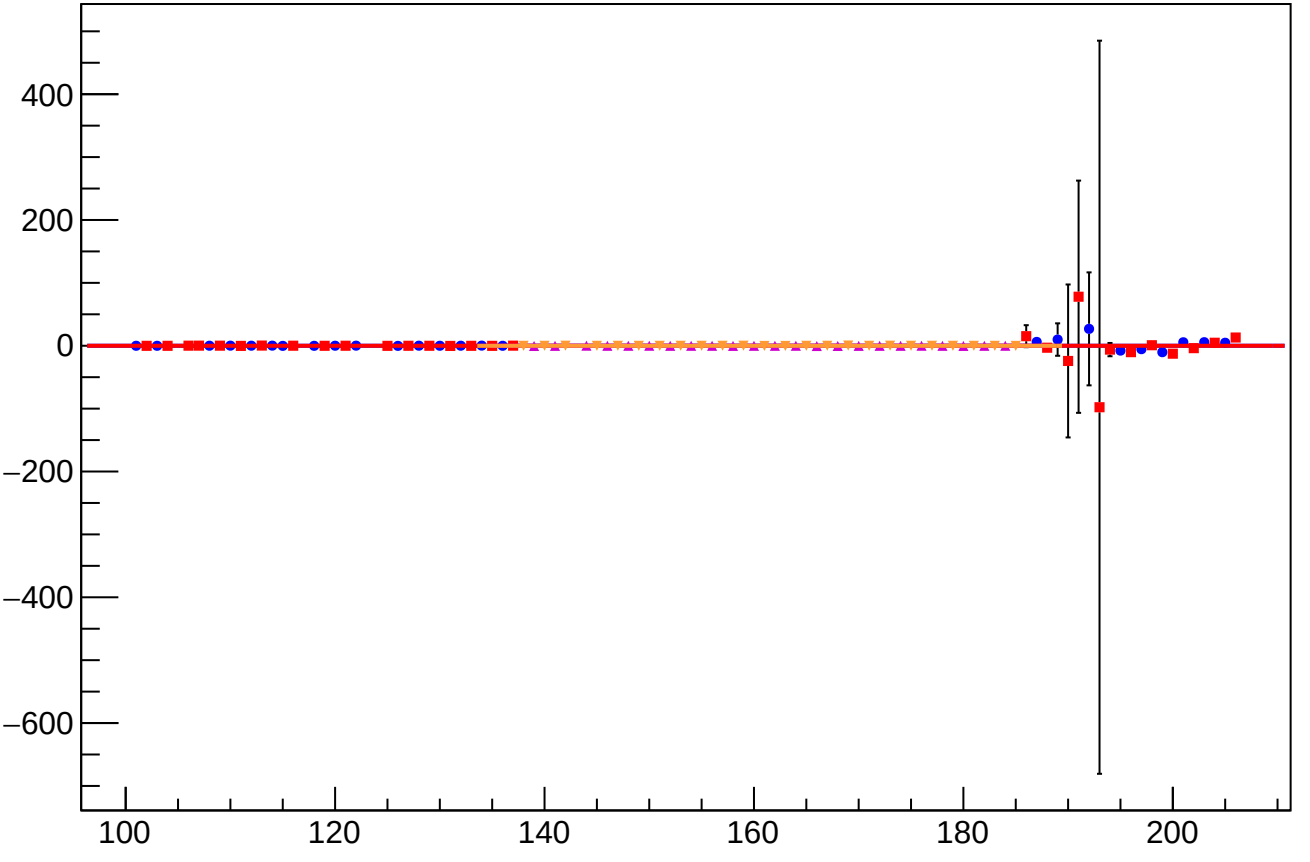
Right: 0.057+/-1.069 χ^2/NDF: 48.3/20

In: -0.025+/-0.022 χ^2/NDF:45.7/31

Out: -0.089+/-0.022 χ^2/NDF:74.8/35

All: -0.057+/-0.016 χ^2/NDF: 124.7/67

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.028 χ^2/NDF: 22.4/24

Left Out: -0.081+/-0.017 χ^2/NDF:25.8/23

Right Out: -0.052+/-0.029 χ^2/NDF: 36.1/28

Left In: -0.055+/-0.018 χ^2/NDF:32.2/22

Left: -0.068+/-0.012 χ^2/NDF: 59.1/46

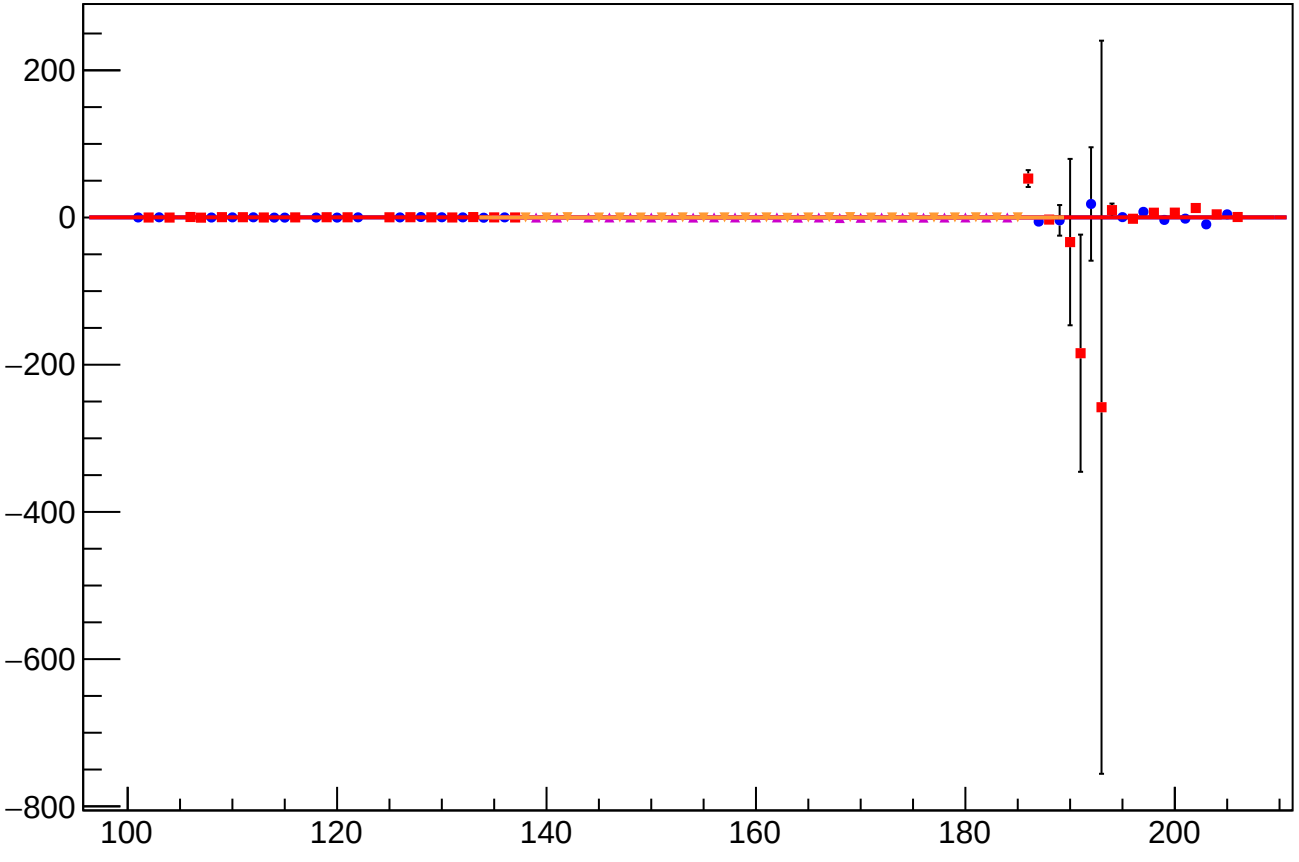
Right: -0.024+/-0.020 χ^2/NDF: 60.2/53

In: -0.039+/-0.015 χ^2/NDF:57.4/47

Out: -0.073+/-0.015 χ^2/NDF:62.6/52

All: -0.056+/-0.011 χ^2/NDF: 122.7/100

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.168+/-0.052 χ^2/NDF: 28.9/24

Left Out: 0.082+/-0.022 χ^2/NDF:38.7/23

Right Out: 0.241+/-0.054 χ^2/NDF: 54.1/28

Left In: 0.020+/-0.022 χ^2/NDF:34.5/22

Left: 0.051+/-0.016 χ^2/NDF: 77.1/46

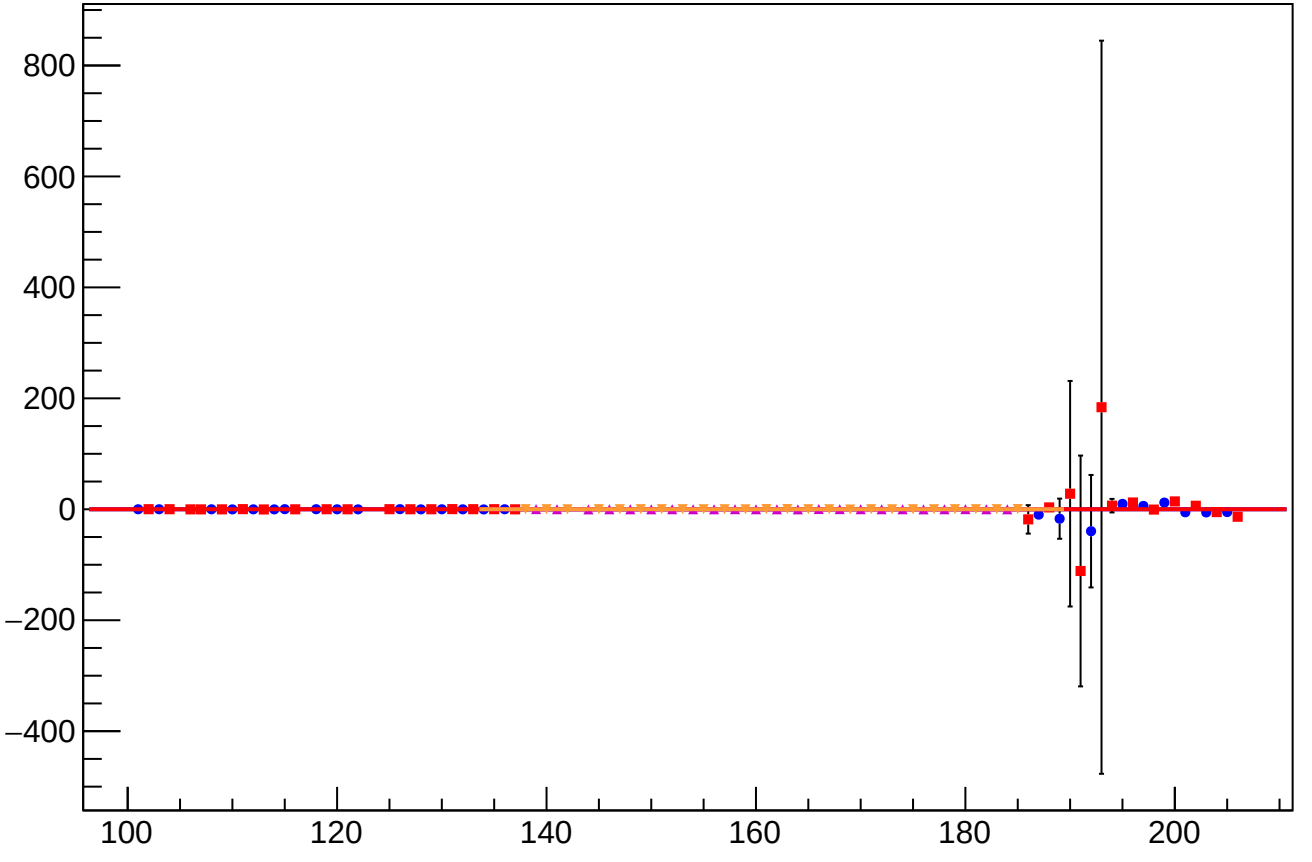
Right: 0.203+/-0.038 χ^2/NDF: 84.0/53

In: 0.043+/-0.020 χ^2/NDF:70.3/47

Out: 0.104+/-0.020 χ^2/NDF:100.3/52

All: 0.073+/-0.014 χ^2/NDF: 175.2/100

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 23.8/24

Left Out: 0.105+/-0.020 χ^2/NDF:29.5/23

Right Out: 0.059+/-0.034 χ^2/NDF: 34.5/28

Left In: 0.072+/-0.020 χ^2/NDF:31.7/22

Left: 0.089+/-0.014 χ^2/NDF: 62.6/46

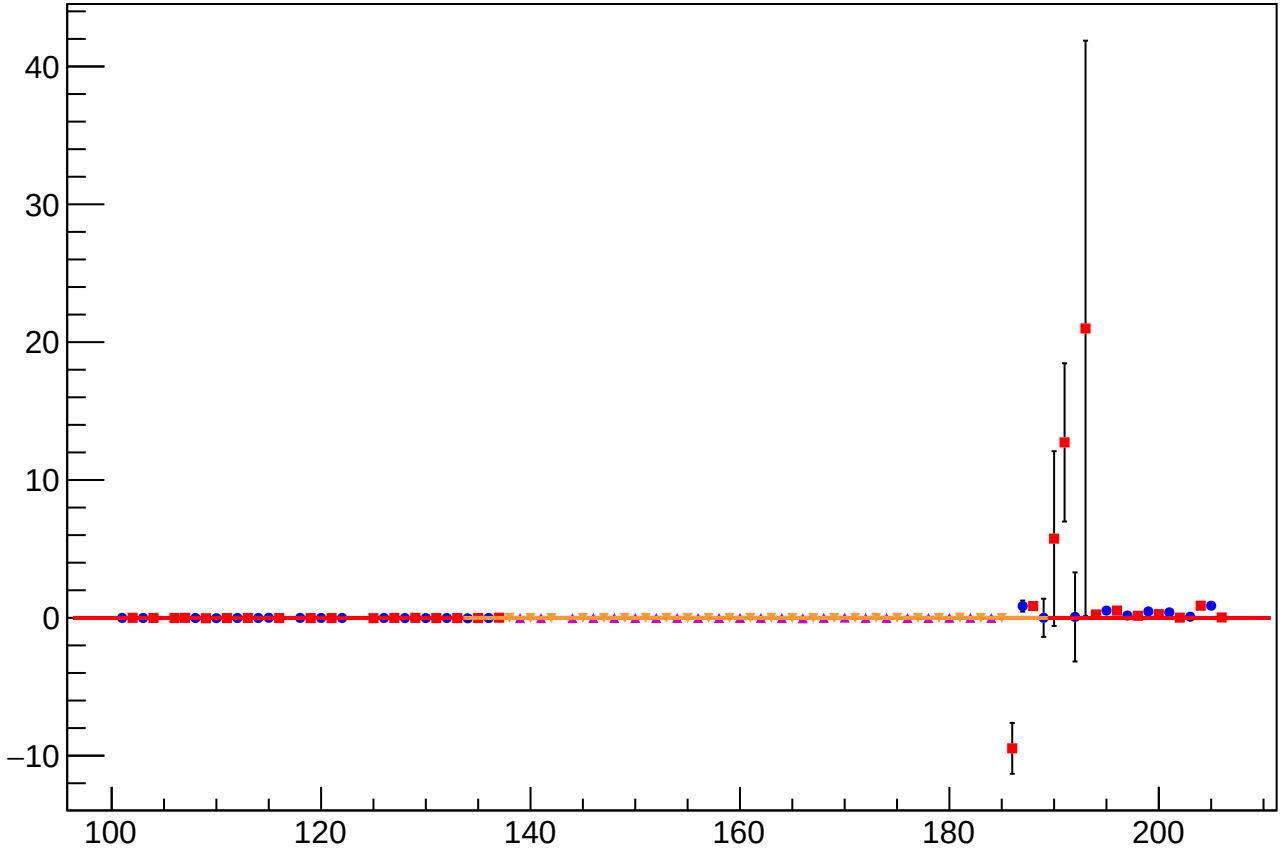
Right: 0.023+/-0.023 χ^2/NDF: 60.5/53

In: 0.050+/-0.017 χ^2/NDF:60.3/47

Out: 0.093+/-0.017 χ^2/NDF:65.4/52

All: 0.072+/-0.012 χ^2/NDF: 128.9/100

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 43.8/24

Left Out: -0.008+/-0.001 χ^2/NDF:30.7/23

Right Out: -0.011+/-0.002 χ^2/NDF: 88.6/28

Left In: -0.009+/-0.001 χ^2/NDF:42.1/22

Left: -0.008+/-0.001 χ^2/NDF: 73.1/46

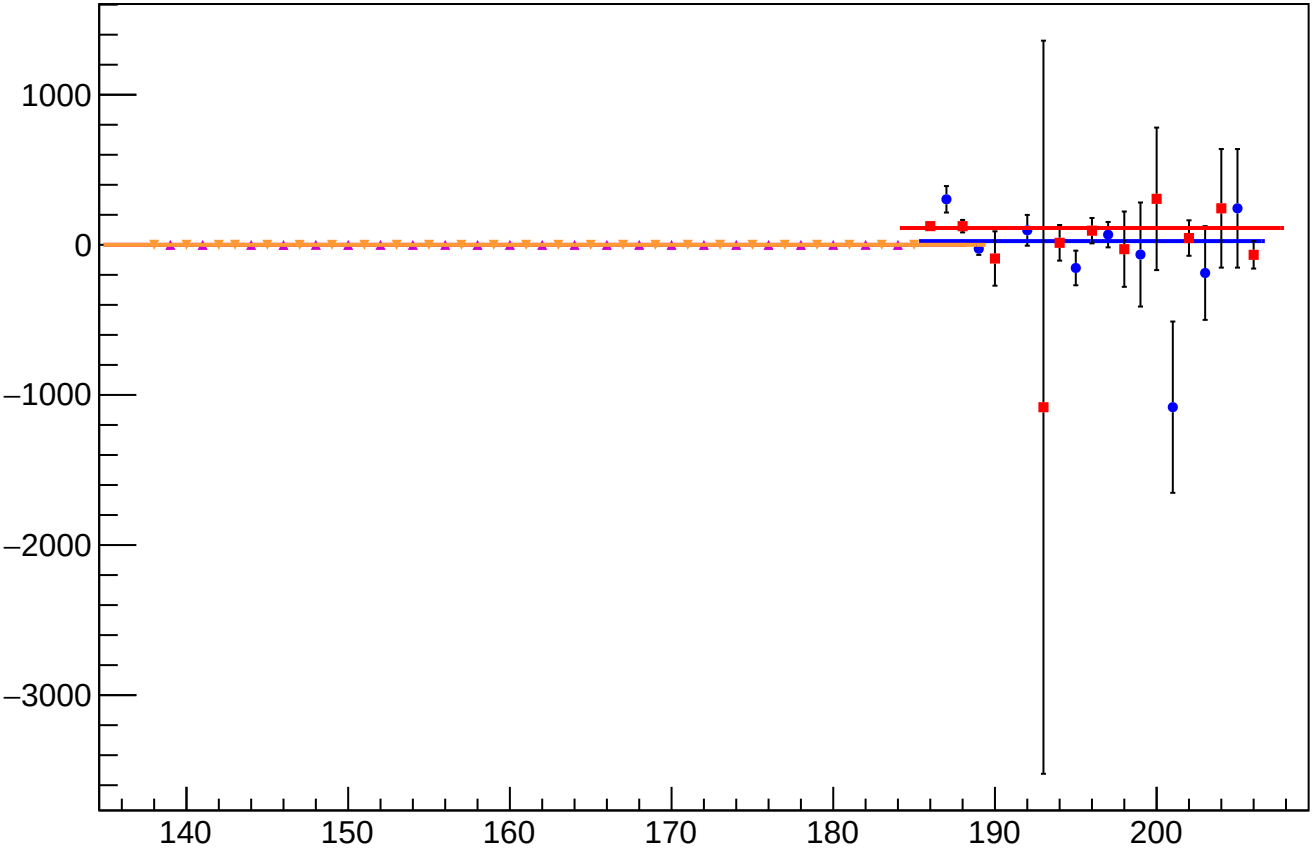
Right: -0.011+/-0.001 χ^2/NDF: 132.5/53

In: -0.009+/-0.001 χ^2/NDF:87.9/47

Out: -0.009+/-0.001 χ^2/NDF:121.1/52

All: -0.009+/-0.001 χ^2/NDF: 209.5/100

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 24.863+/-30.681 χ^2/NDF: 19.3/8

Left Out: 0.013+/-0.027 χ^2/NDF:29.2/24

Right Out: 112.142+/-16.098 χ^2/NDF: 7.5/10

Left In: 0.004+/-0.028 χ^2/NDF:28.2/22

Left: 0.009+/-0.019 χ^2/NDF: 57.4/47

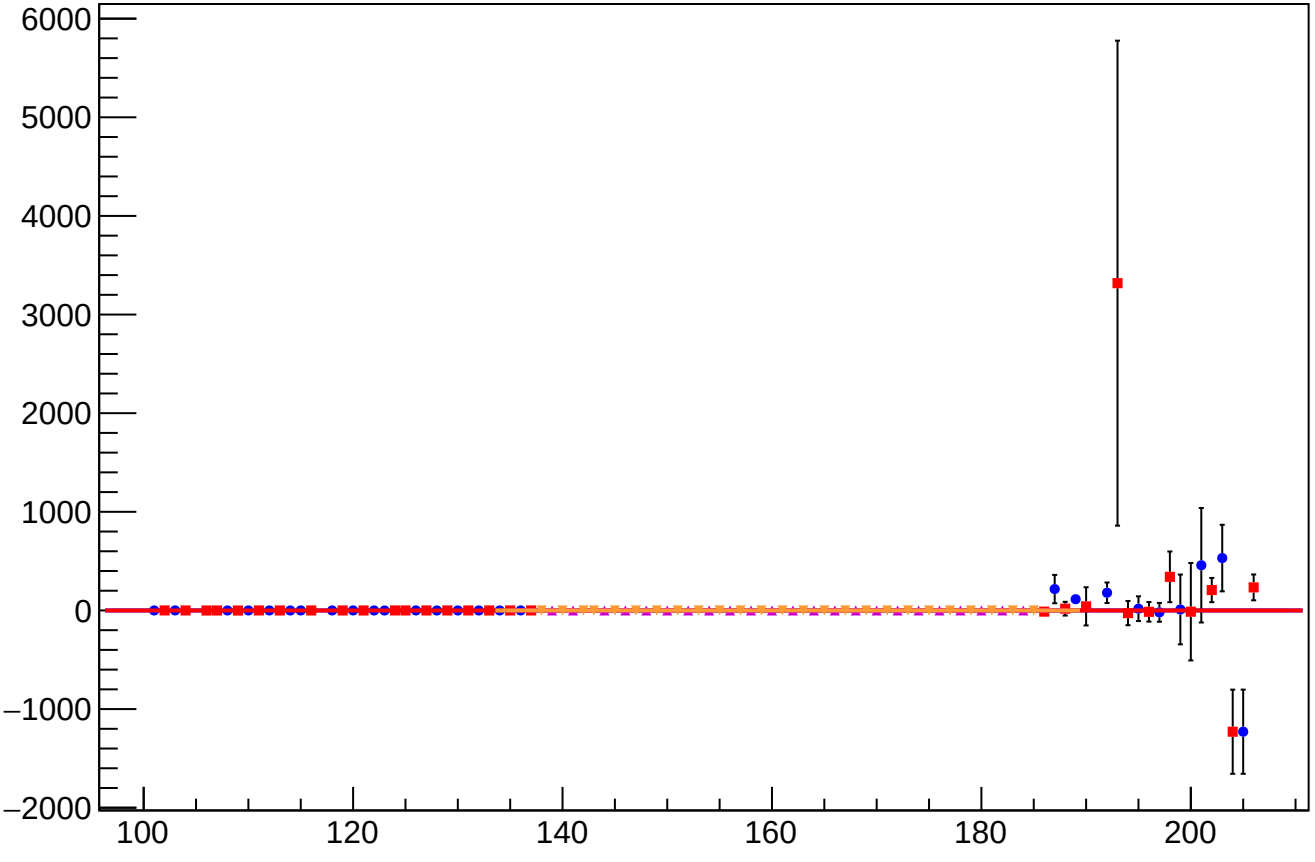
Right: 93.301+/-14.255 χ^2/NDF: 33.1/19

In: 0.004+/-0.028 χ^2/NDF:48.1/31

Out: 0.014+/-0.027 χ^2/NDF:85.2/35

All: 0.009+/-0.019 χ^2/NDF: 133.3/67

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 46.0/25

Left Out: -0.058+/-0.021 χ^2/NDF:25.4/24

Right Out: -0.128+/-0.039 χ^2/NDF: 35.8/28

Left In: -0.072+/-0.022 χ^2/NDF:48.7/22

Left: -0.064+/-0.015 χ^2/NDF: 74.4/47

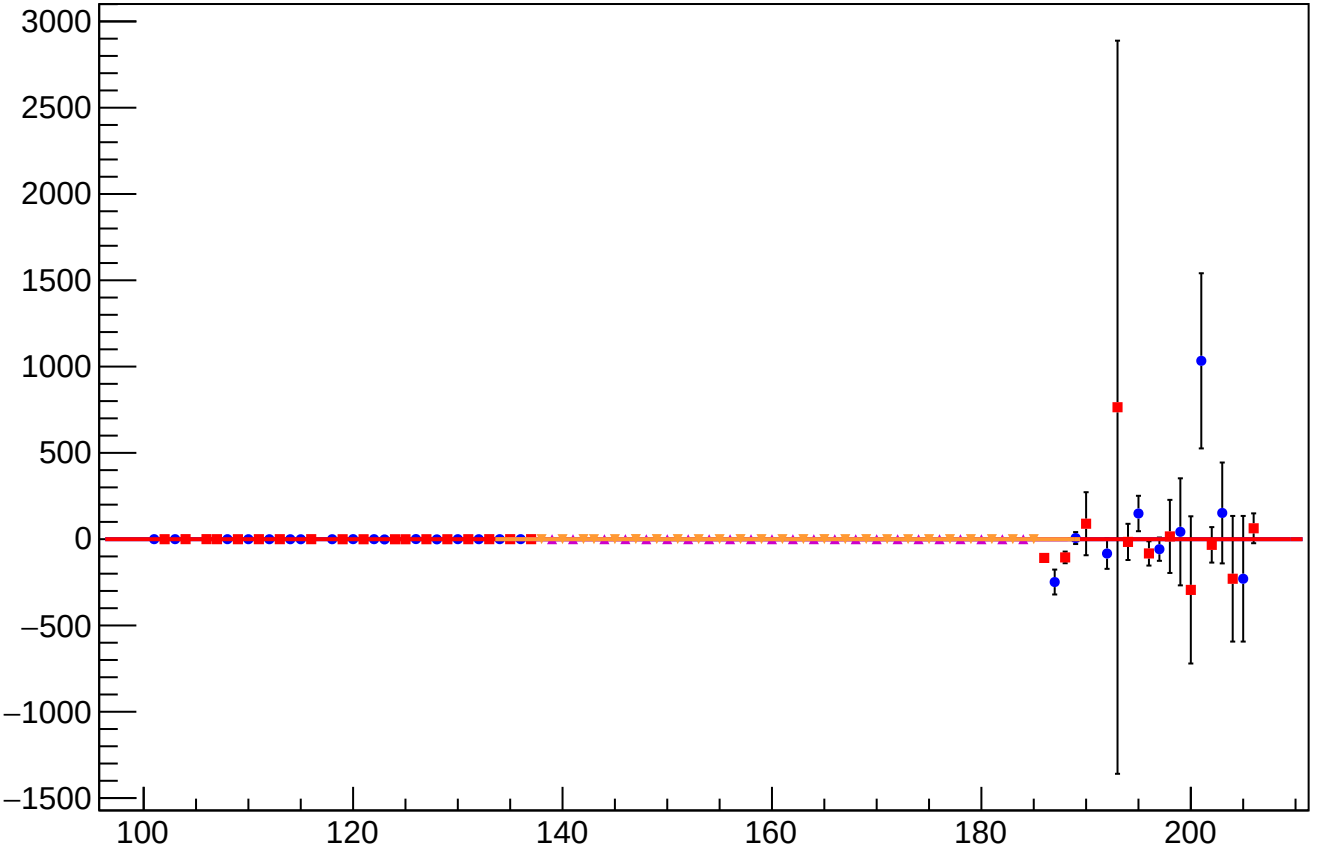
Right: -0.072+/-0.027 χ^2/NDF: 85.5/54

In: -0.059+/-0.019 χ^2/NDF:96.0/48

Out: -0.074+/-0.019 χ^2/NDF:63.7/53

All: -0.066+/-0.013 χ^2/NDF: 159.9/102

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.130+/-0.067 χ^2/NDF: 44.2/25

Left Out: -0.015+/-0.027 χ^2/NDF:27.0/24

Right Out: -0.176+/-0.071 χ^2/NDF: 71.2/28

Left In: -0.035+/-0.027 χ^2/NDF:27.7/22

Left: -0.025+/-0.019 χ^2/NDF: 55.0/47

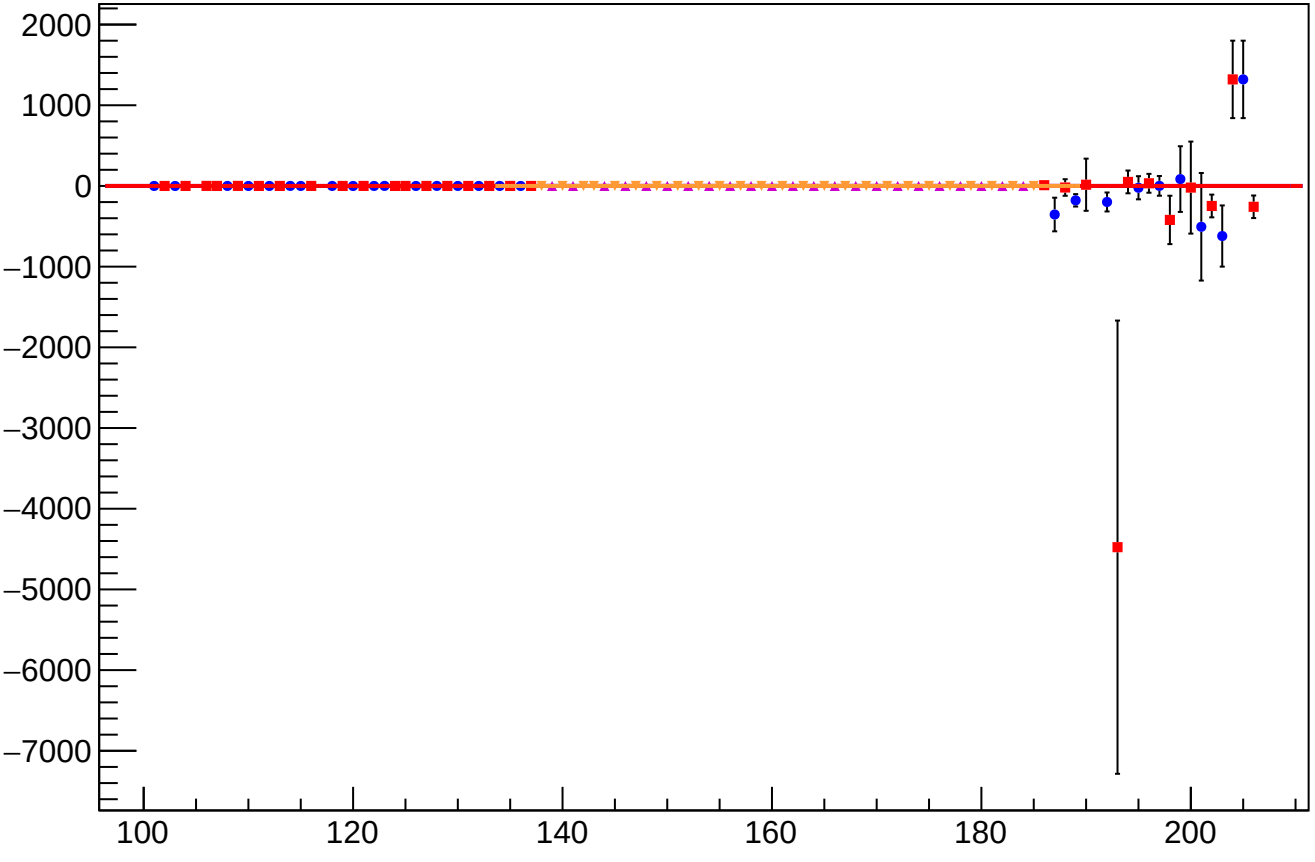
Right: -0.151+/-0.049 χ^2/NDF: 115.6/54

In: -0.048+/-0.025 χ^2/NDF:73.6/48

Out: -0.035+/-0.025 χ^2/NDF:102.7/53

All: -0.042+/-0.018 χ^2/NDF: 176.4/102

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 44.5/25

Left Out: 0.062+/-0.024 χ^2/NDF:25.0/24

Right Out: 0.152+/-0.045 χ^2/NDF: 34.7/28

Left In: 0.069+/-0.025 χ^2/NDF:51.4/22

Left: 0.065+/-0.017 χ^2/NDF: 76.5/47

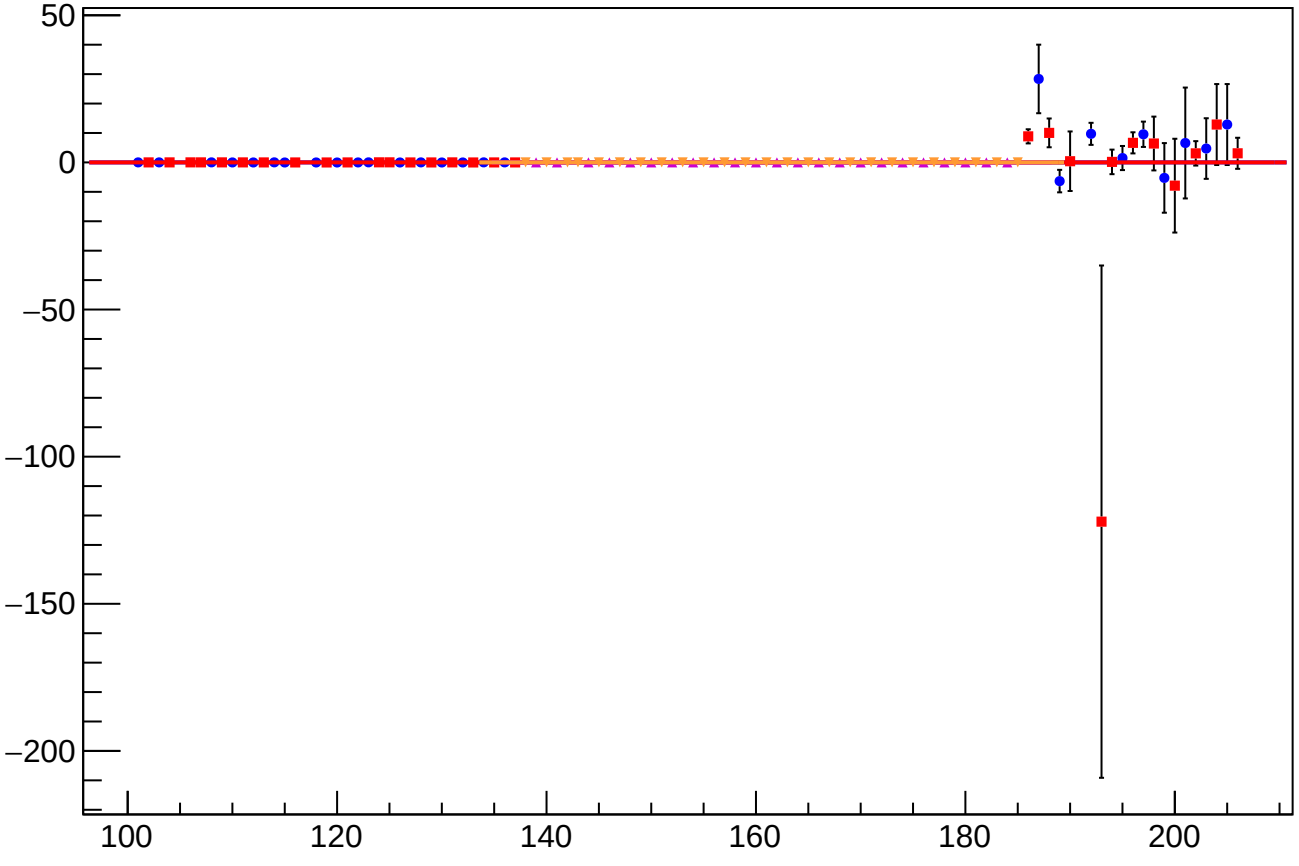
Right: 0.082+/-0.031 χ^2/NDF: 83.7/54

In: 0.057+/-0.021 χ^2/NDF:97.0/48

Out: 0.081+/-0.021 χ^2/NDF:62.8/53

All: 0.069+/-0.015 χ^2/NDF: 160.4/102

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 54.3/25

Left Out: 0.008+/-0.001 χ^2/NDF:25.9/24

Right Out: 0.002+/-0.002 χ^2/NDF: 46.3/28

Left In: 0.009+/-0.001 χ^2/NDF:15.8/22

Left: 0.009+/-0.001 χ^2/NDF: 42.0/47

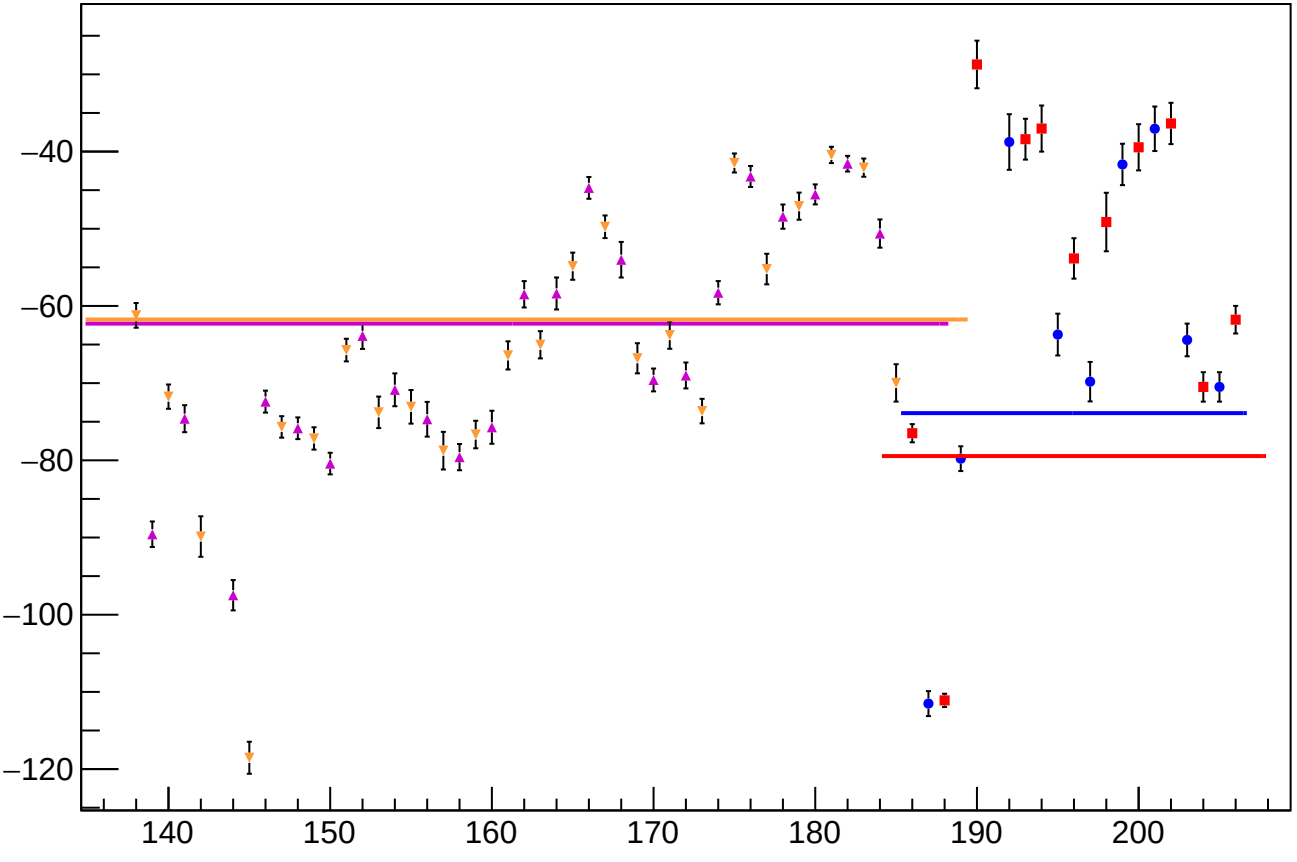
Right: 0.002+/-0.002 χ^2/NDF: 100.7/54

In: 0.008+/-0.001 χ^2/NDF:80.2/48

Out: 0.007+/-0.001 χ^2/NDF:77.5/53

All: 0.007+/-0.001 χ^2/NDF: 157.7/102

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -73.885+/-0.727 χ^2/NDF: 997.0/8

Left Out: -61.756+/-0.334 χ^2/NDF:2509.2/23

Right Out: -79.451+/-0.537 χ^2/NDF: 2778.4/10

Left In: -62.290+/-0.331 χ^2/NDF:2265.0/22

Left: -62.025+/-0.235 χ^2/NDF: 4775.5/46

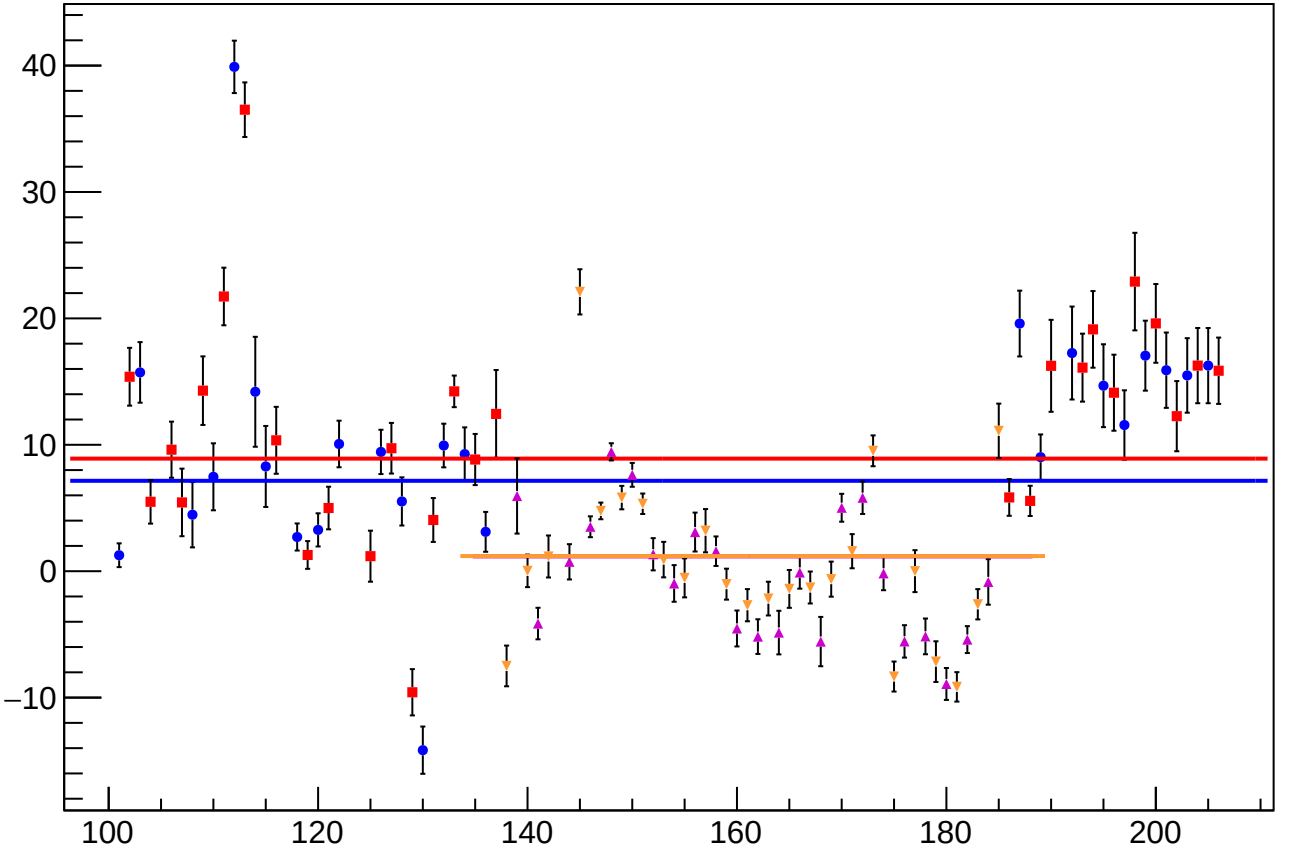
Right: -77.487+/-0.432 χ^2/NDF: 3813.4/19

In: -64.284+/-0.301 χ^2/NDF:3472.9/31

Out: -66.694+/-0.283 χ^2/NDF:6071.8/34

All: -65.563+/-0.206 χ^2/NDF: 9578.6/66

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.152+/-0.383 χ^2/NDF: 554.5/24

Left Out: 1.197+/-0.252 χ^2/NDF:526.1/23

Right Out: 8.906+/-0.378 χ^2/NDF: 487.9/27

Left In: 1.171+/-0.255 χ^2/NDF:466.2/22

Left: 1.184+/-0.179 χ^2/NDF: 992.3/46

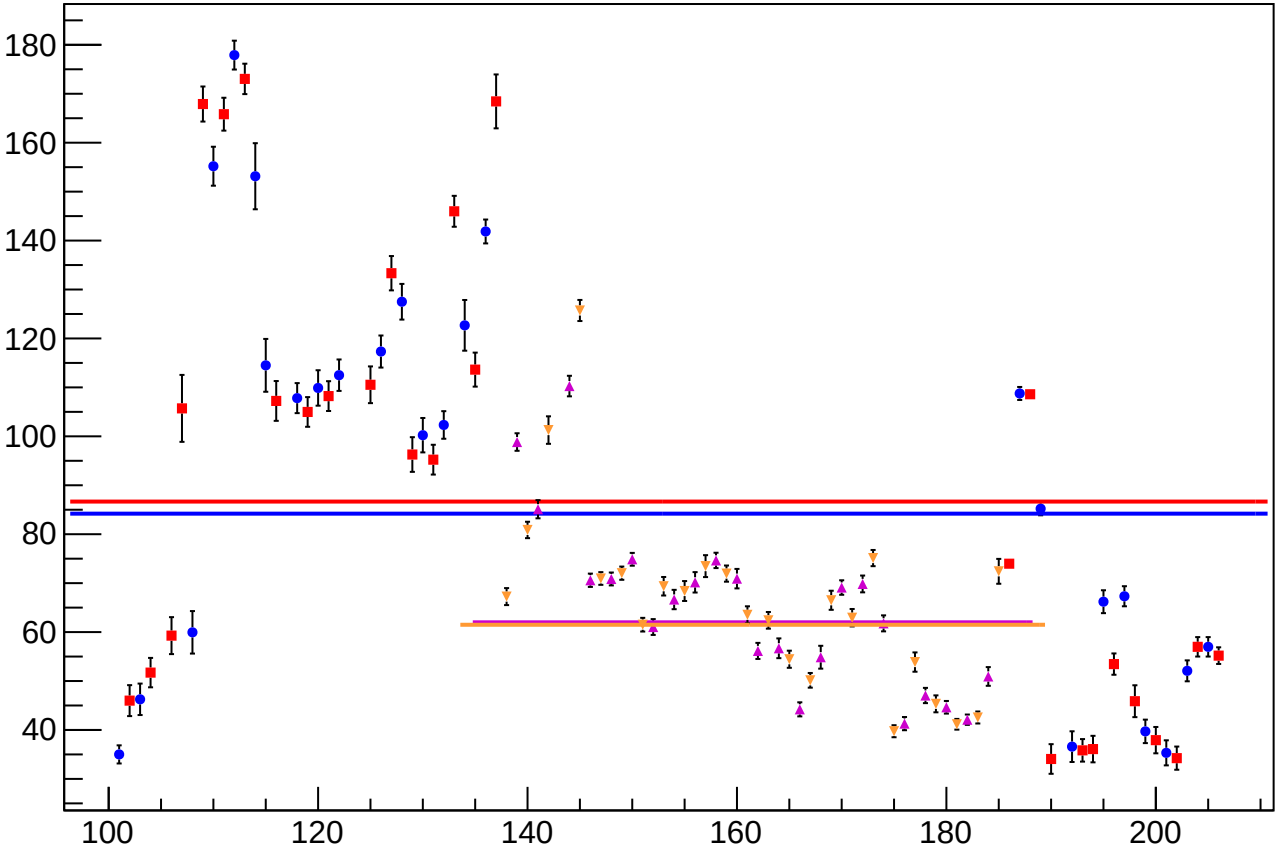
Right: 8.041+/-0.269 χ^2/NDF: 1053.0/52

In: 3.003+/-0.212 χ^2/NDF:1189.6/47

Out: 3.574+/-0.210 χ^2/NDF:1301.5/51

All: 3.292+/-0.149 χ^2/NDF: 2494.8/99

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 84.200+/-0.502 χ^2/NDF: 5266.4/24

Left Out: 61.496+/-0.332 χ^2/NDF:2610.2/23

Right Out: 86.670+/-0.400 χ^2/NDF: 7272.2/27

Left In: 61.995+/-0.329 χ^2/NDF:2517.6/22

Left: 61.748+/-0.234 χ^2/NDF: 5129.0/46

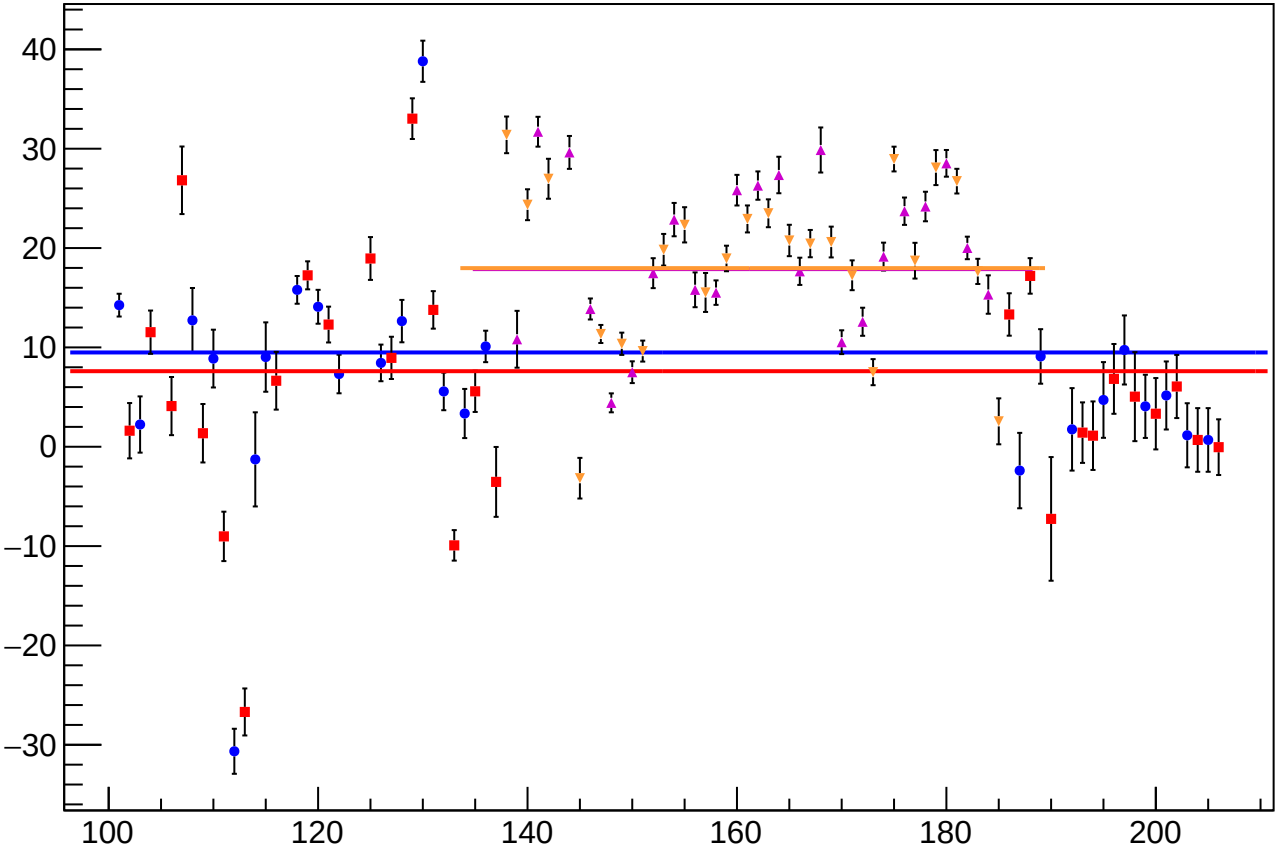
Right: 85.712+/-0.313 χ^2/NDF: 12553.4/52

In: 68.664+/-0.275 χ^2/NDF:9152.7/47

Out: 71.787+/-0.255 χ^2/NDF:12228.8/51

All: 70.341+/-0.187 χ^2/NDF: 21450.6/99

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.491+/-0.451 χ^2/NDF: 619.4/24

Left Out: 17.979+/-0.291 χ^2/NDF:674.8/23

Right Out: 7.606+/-0.452 χ^2/NDF: 752.0/27

Left In: 17.881+/-0.292 χ^2/NDF:730.9/22

Left: 17.930+/-0.206 χ^2/NDF: 1405.8/46

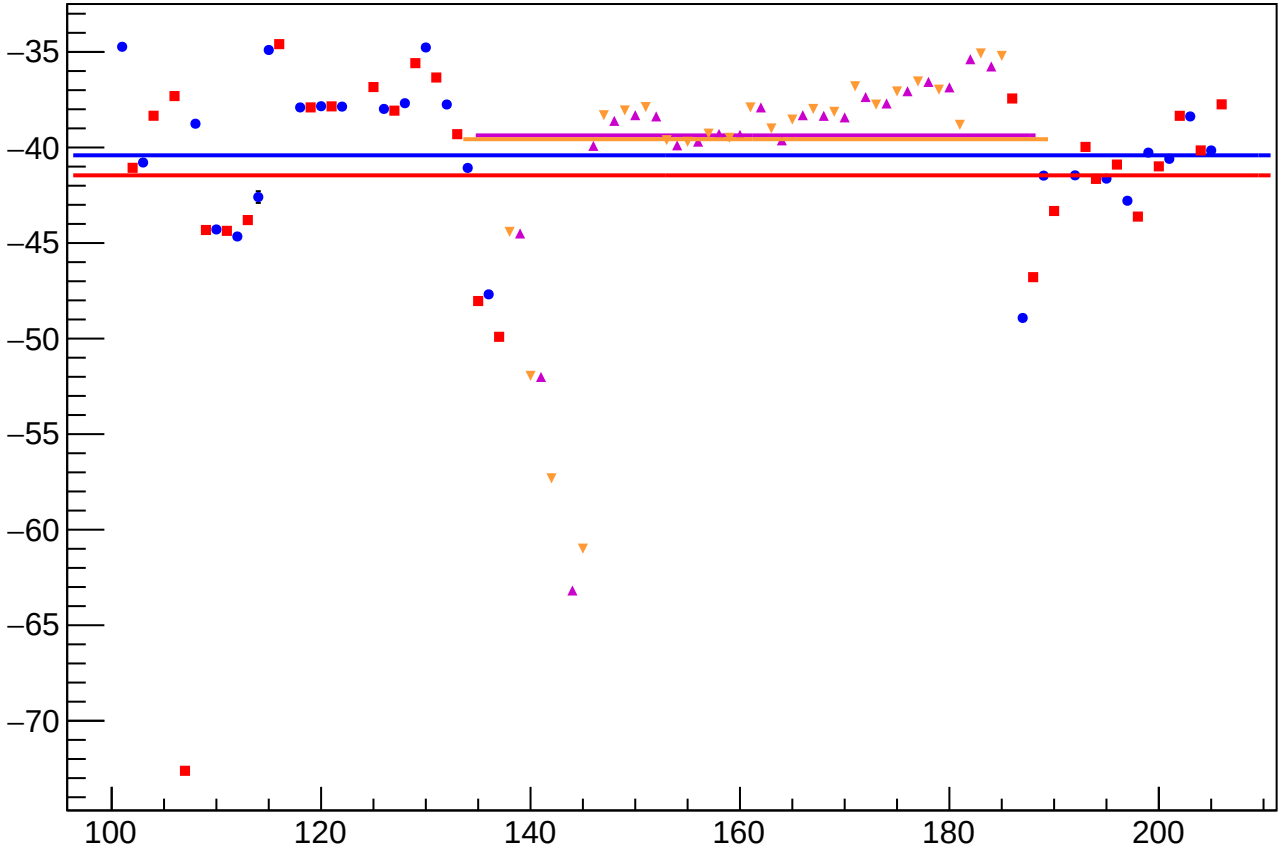
Right: 8.550+/-0.319 χ^2/NDF: 1380.1/52

In: 15.406+/-0.245 χ^2/NDF:1594.5/47

Out: 14.939+/-0.244 χ^2/NDF:1799.7/51

All: 15.172+/-0.173 χ^2/NDF: 3396.0/99

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.409+/-0.023 χ^2/NDF: 27788.0/24

Left Out: -39.567+/-0.014 χ^2/NDF:141152.0/23

Right Out: -41.458+/-0.022 χ^2/NDF: 67438.3/27

Left In: -39.368+/-0.014 χ^2/NDF:117958.1/22

Left: -39.466+/-0.010 χ^2/NDF: 259216.7/46

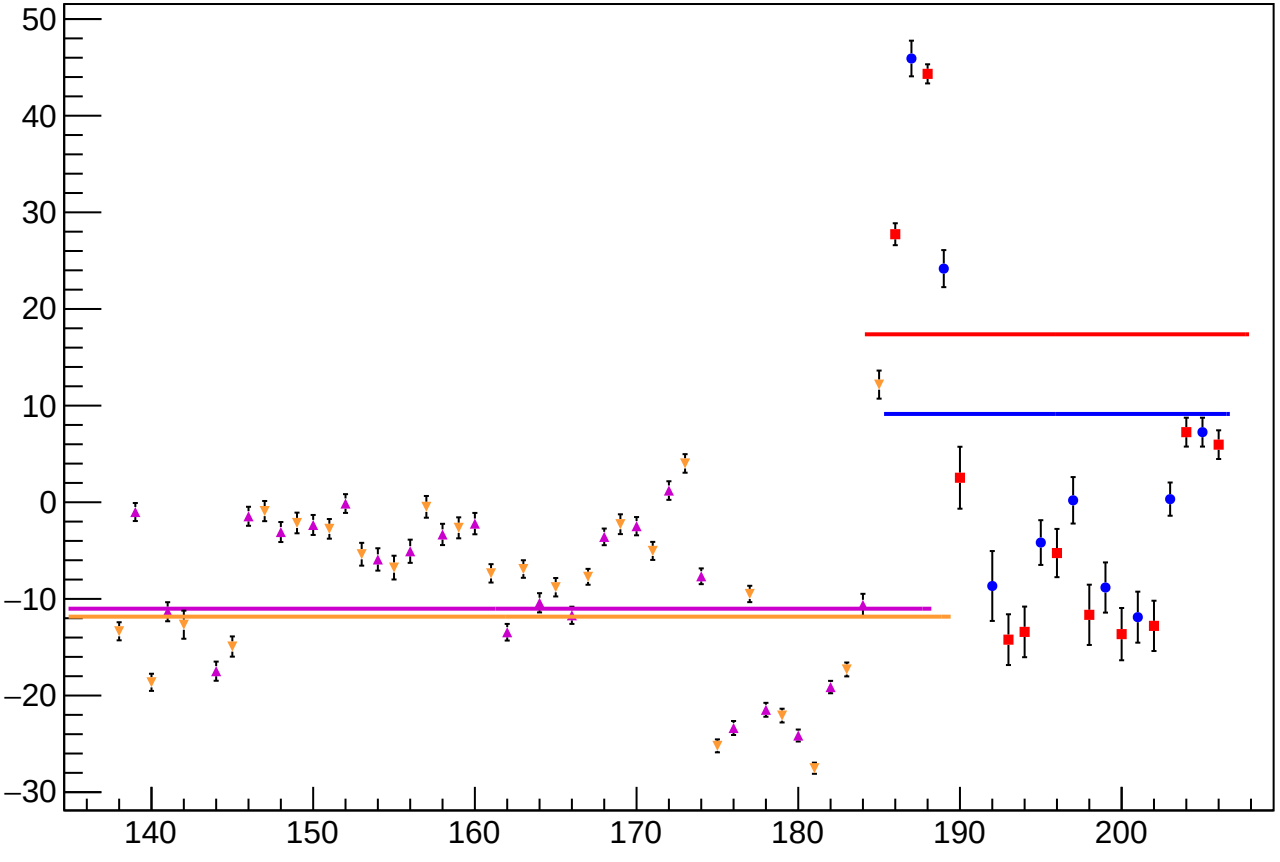
Right: -40.959+/-0.016 χ^2/NDF: 96321.1/52

In: -39.637+/-0.012 χ^2/NDF:147274.3/47

Out: -40.102+/-0.012 χ^2/NDF:213953.2/51

All: -39.870+/-0.008 χ^2/NDF: 362023.9/99

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 9.138+/-0.693 χ^2/NDF: 669.2/8

Left Out: -11.837+/-0.187 χ^2/NDF:2742.4/23

Right Out: 17.379+/-0.525 χ^2/NDF: 1668.6/10

Left In: -11.014+/-0.187 χ^2/NDF:2116.6/22

Left: -11.426+/-0.132 χ^2/NDF: 4868.7/46

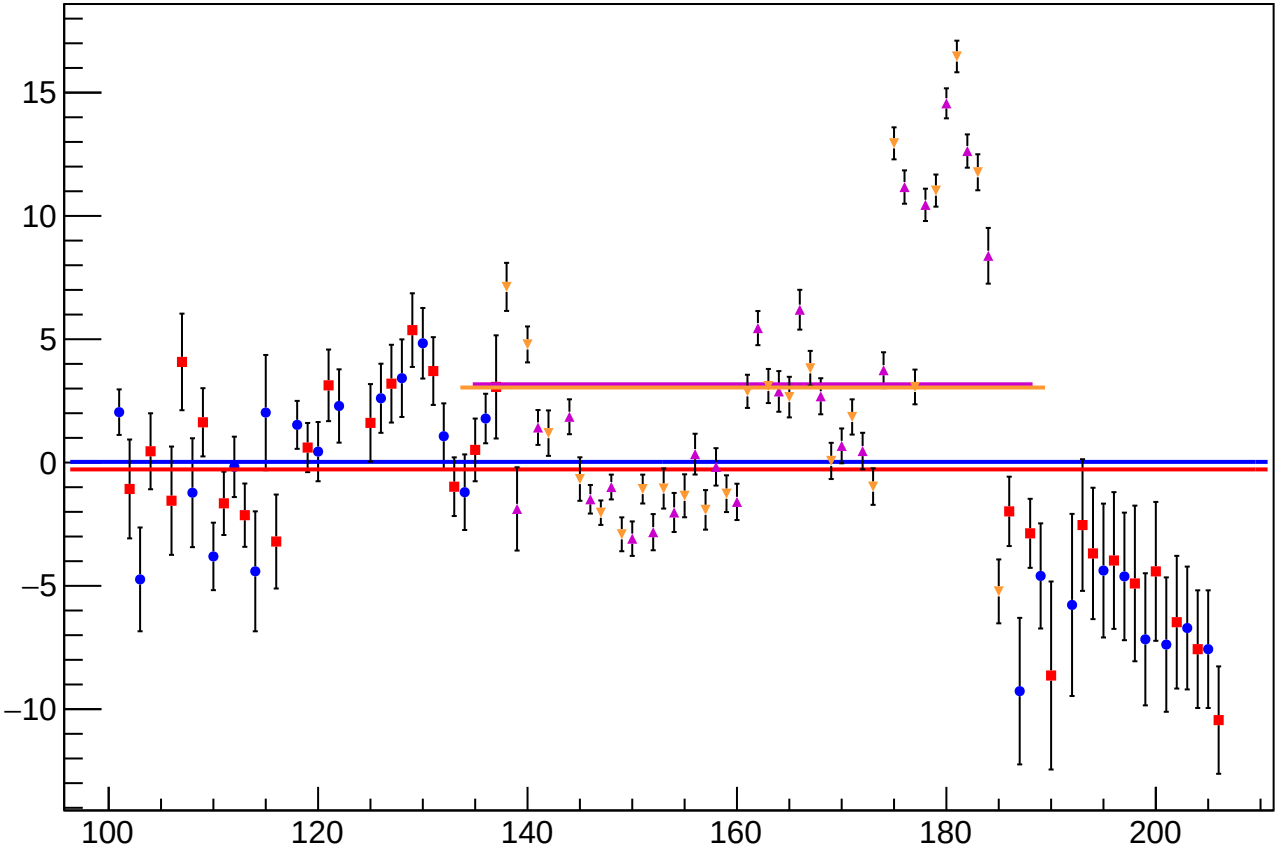
Right: 14.380+/-0.418 χ^2/NDF: 2427.7/19

In: -9.646+/-0.181 χ^2/NDF:3573.0/31

Out: -8.549+/-0.176 χ^2/NDF:7163.8/34

All: -9.083+/-0.126 χ^2/NDF: 10755.6/66

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.027+/-0.315 χ^2/NDF: 105.5/24

Left Out: 3.042+/-0.148 χ^2/NDF:1452.6/23

Right Out: -0.279+/-0.313 χ^2/NDF: 106.4/27

Left In: 3.172+/-0.150 χ^2/NDF:1297.9/22

Left: 3.106+/-0.105 χ^2/NDF: 2750.9/46

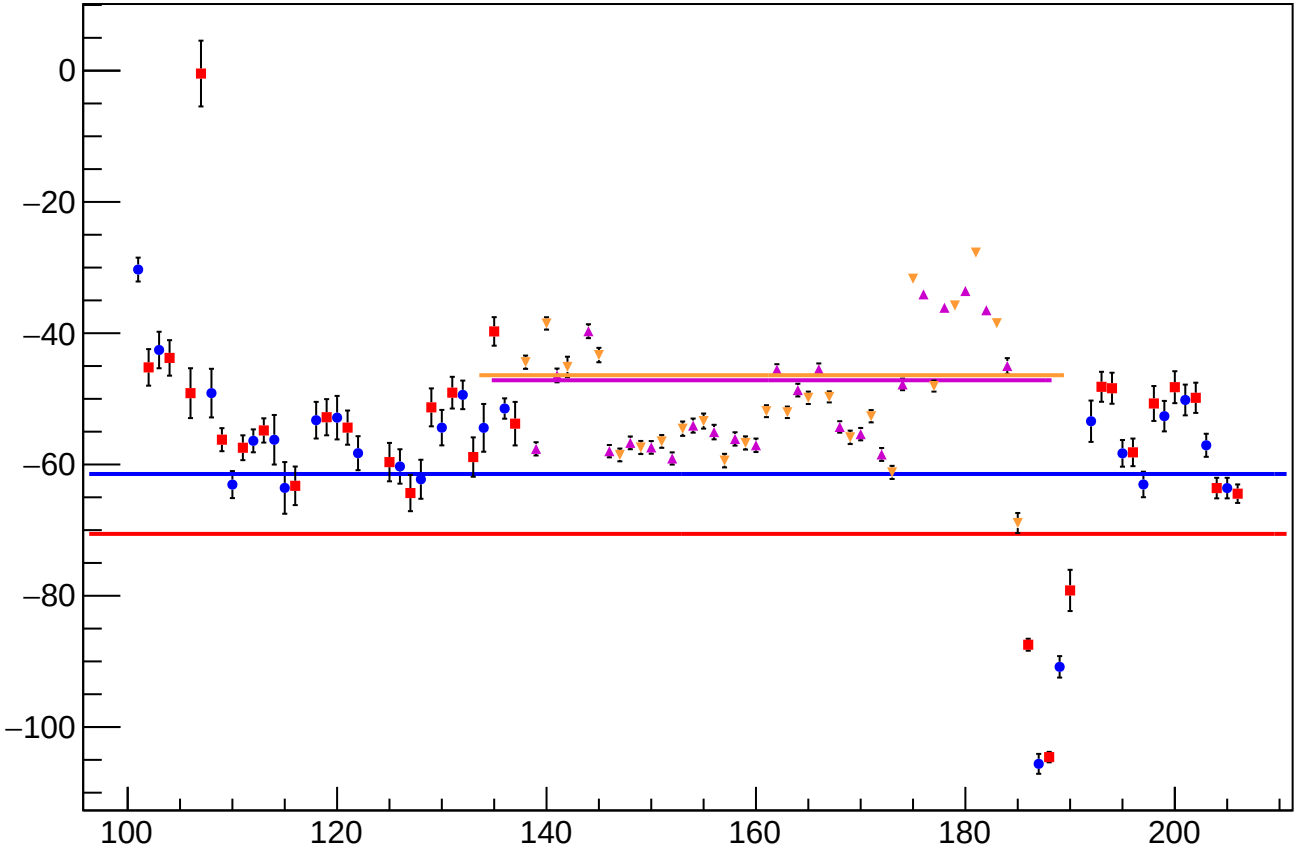
Right: -0.128+/-0.222 χ^2/NDF: 212.4/52

In: 2.595+/-0.135 χ^2/NDF:1484.6/47

Out: 2.436+/-0.134 χ^2/NDF:1651.1/51

All: 2.515+/-0.095 χ^2/NDF: 3136.4/99

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -61.446+/-0.439 χ^2/NDF: 1688.1/24

Left Out: -46.398+/-0.187 χ^2/NDF:3289.4/23

Right Out: -70.572+/-0.365 χ^2/NDF: 3715.6/27

Left In: -47.170+/-0.186 χ^2/NDF:2526.3/22

Left: -46.784+/-0.132 χ^2/NDF: 5824.3/46

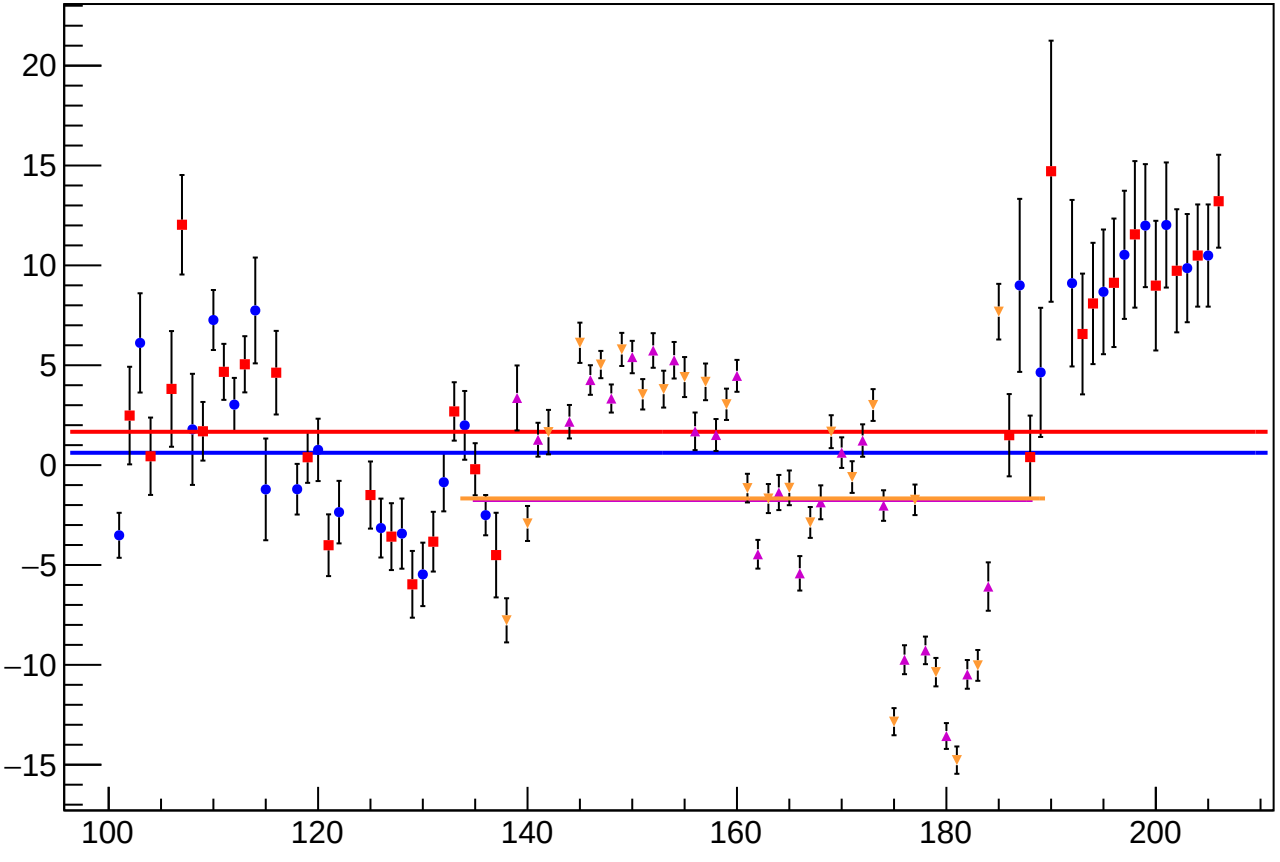
Right: -66.841+/-0.281 χ^2/NDF: 5659.1/52

In: -49.351+/-0.172 χ^2/NDF:5110.1/47

Out: -51.402+/-0.166 χ^2/NDF:10481.1/51

All: -50.410+/-0.119 χ^2/NDF: 15664.9/99

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.618+/-0.361 χ^2/NDF: 171.7/24

Left Out: -1.668+/-0.167 χ^2/NDF:1479.3/23

Right Out: 1.669+/-0.361 χ^2/NDF: 176.6/27

Left In: -1.746+/-0.168 χ^2/NDF:1254.1/22

Left: -1.707+/-0.119 χ^2/NDF: 2733.5/46

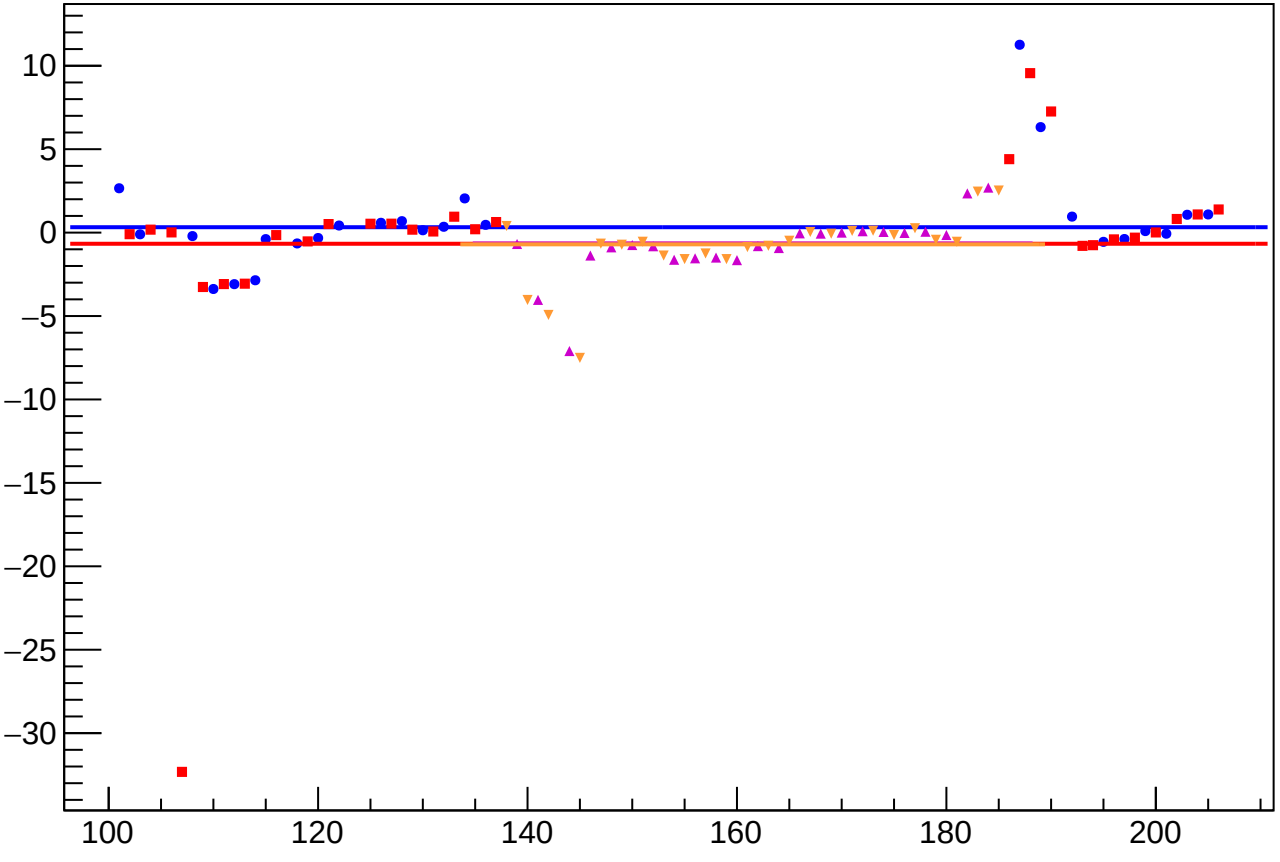
Right: 1.142+/-0.255 χ^2/NDF: 352.5/52

In: -1.323+/-0.153 χ^2/NDF:1461.1/47

Out: -1.081+/-0.152 χ^2/NDF:1726.2/51

All: -1.201+/-0.108 χ^2/NDF: 3188.5/99

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.324+/-0.019 χ^2/NDF: 9550.4/24

Left Out: -0.703+/-0.008 χ^2/NDF:53770.3/23

Right Out: -0.668+/-0.018 χ^2/NDF: 93379.6/27

Left In: -0.651+/-0.008 χ^2/NDF:44167.1/22

Left: -0.677+/-0.005 χ^2/NDF: 97959.9/46

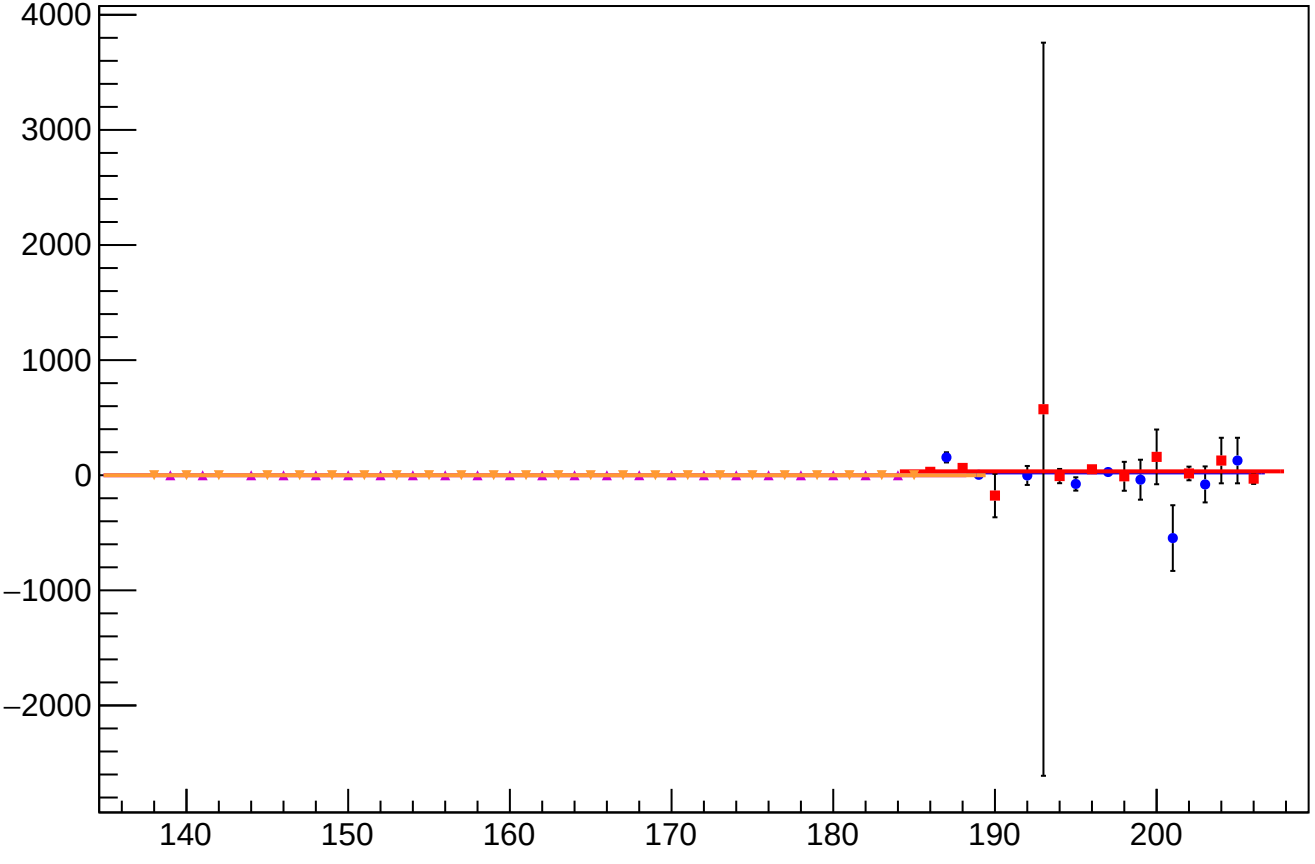
Right: -0.189+/-0.013 χ^2/NDF: 104410.8/52

In: -0.510+/-0.007 χ^2/NDF:56084.1/47

Out: -0.697+/-0.007 χ^2/NDF:147153.0/51

All: -0.604+/-0.005 χ^2/NDF: 203590.6/99

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 24.442+/-18.866 χ^2/NDF: 17.2/8

Left Out: -0.038+/-0.018 χ^2/NDF:35.6/23

Right Out: 33.678+/-9.603 χ^2/NDF: 6.6/10

Left In: -0.009+/-0.018 χ^2/NDF:35.3/22

Left: -0.024+/-0.013 χ^2/NDF: 72.1/46

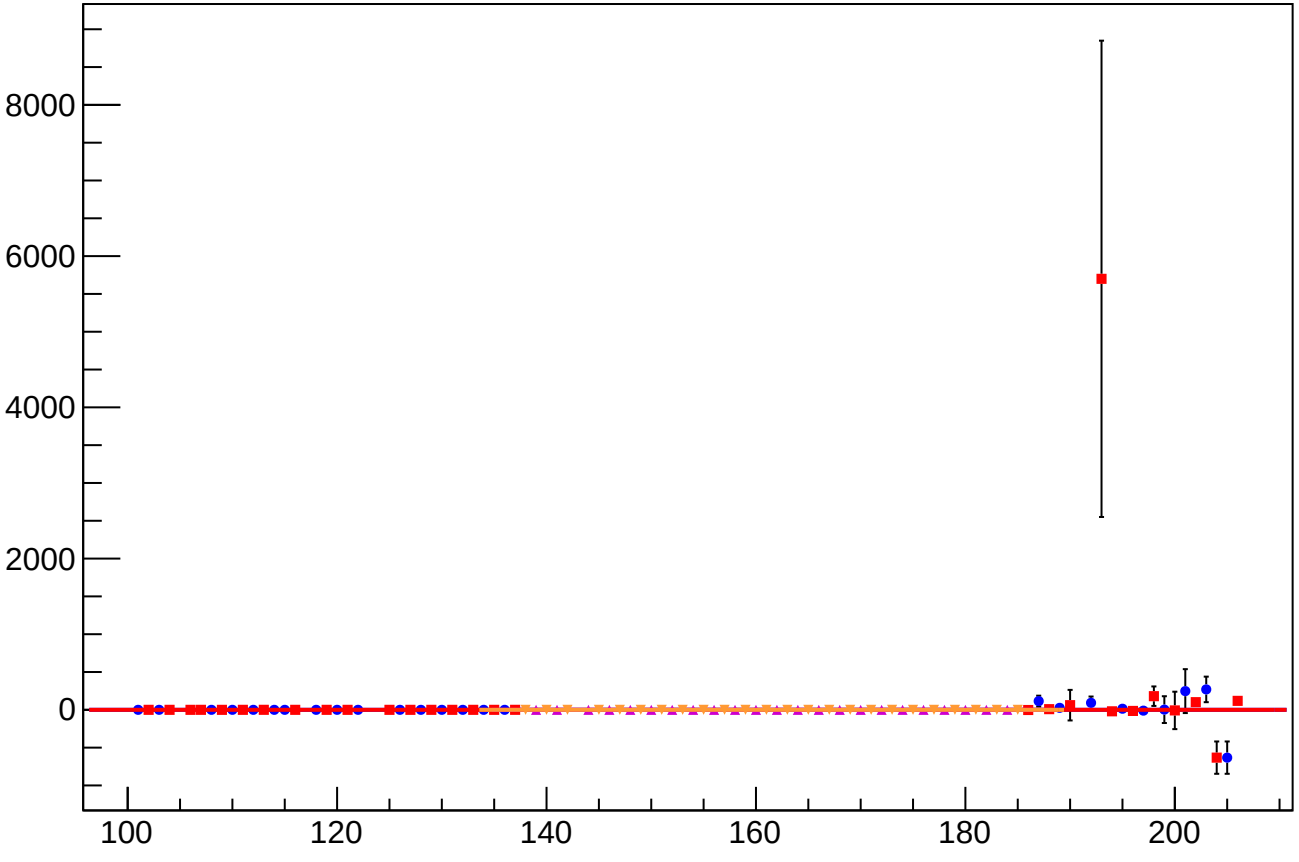
Right: 31.777+/-8.558 χ^2/NDF: 24.0/19

In: -0.009+/-0.018 χ^2/NDF:54.2/31

Out: -0.038+/-0.018 χ^2/NDF:54.5/34

All: -0.024+/-0.013 χ^2/NDF: 110.0/66

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013+/-0.023 χ^2/NDF: 28.8/24

Left Out: -0.073+/-0.014 χ^2/NDF:27.8/23

Right Out: -0.092+/-0.025 χ^2/NDF: 29.5/27

Left In: -0.065+/-0.014 χ^2/NDF:40.4/22

Left: -0.069+/-0.010 χ^2/NDF: 68.3/46

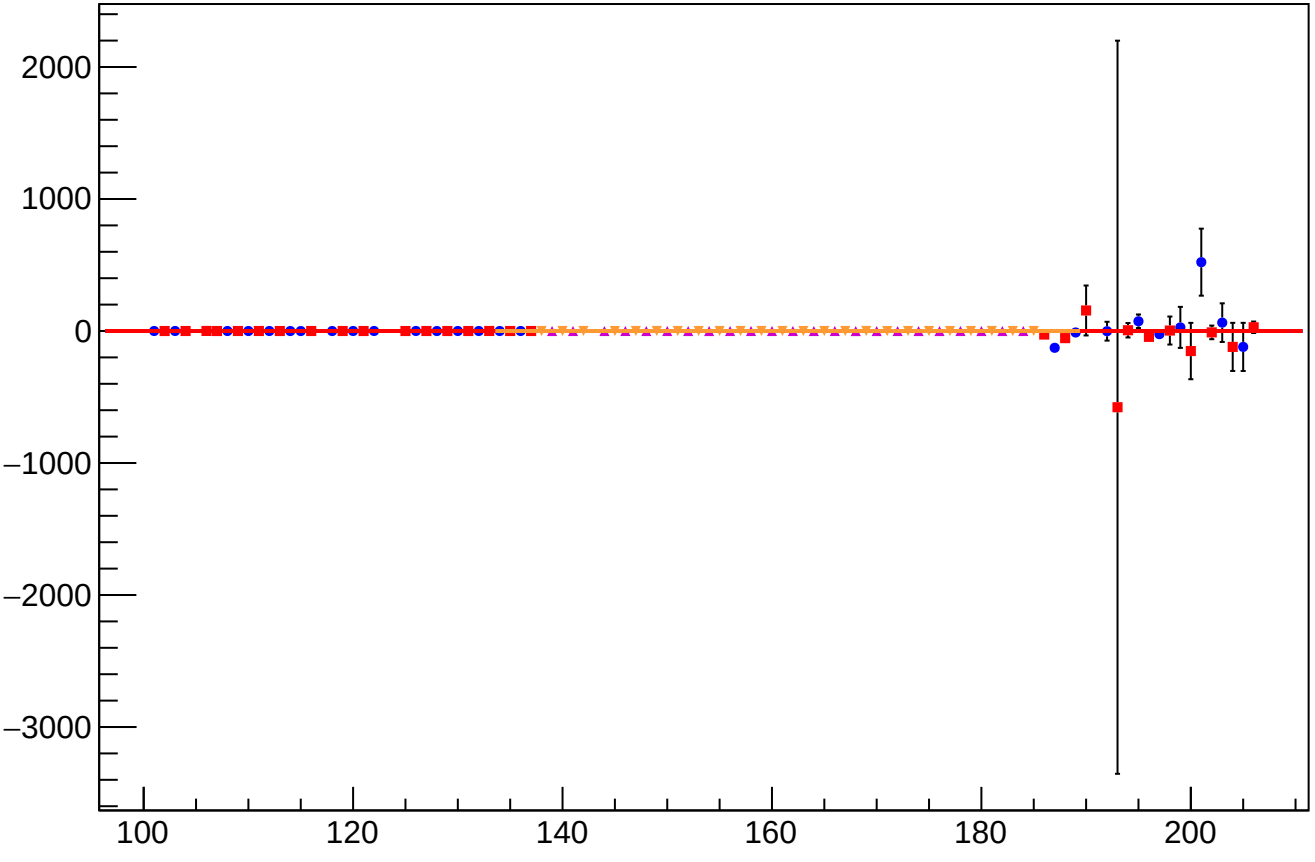
Right: -0.050+/-0.017 χ^2/NDF: 63.8/52

In: -0.051+/-0.012 χ^2/NDF:72.8/47

Out: -0.078+/-0.012 χ^2/NDF:57.8/51

All: -0.064+/-0.009 χ^2/NDF: 133.0/99

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.043 χ^2/NDF: 29.7/24

Left Out: 0.036+/-0.018 χ^2/NDF:32.4/23

Right Out: 0.028+/-0.045 χ^2/NDF: 29.7/27

Left In: -0.010+/-0.018 χ^2/NDF:37.1/22

Left: 0.013+/-0.013 χ^2/NDF: 72.8/46

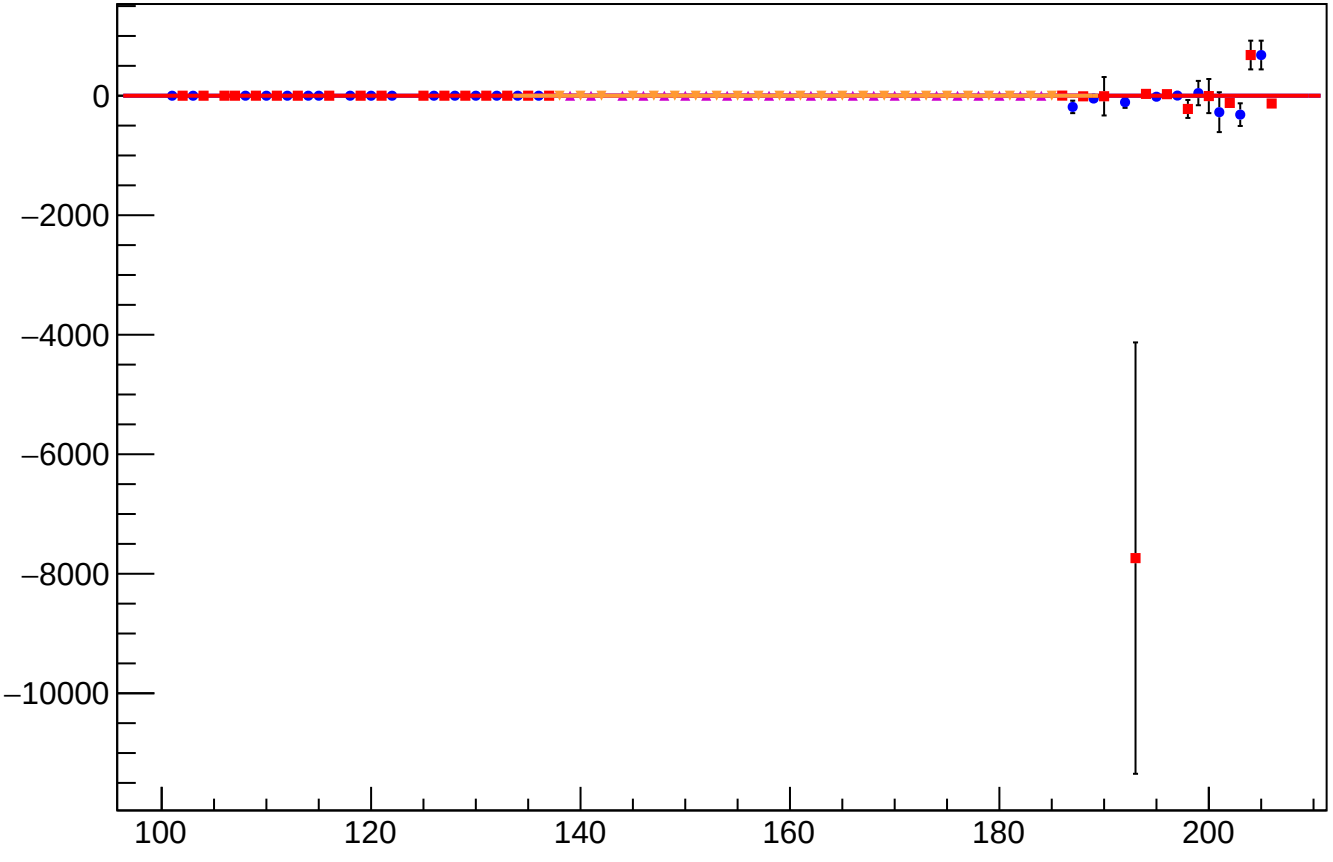
Right: 0.023+/-0.031 χ^2/NDF: 59.4/52

In: -0.006+/-0.017 χ^2/NDF:67.1/47

Out: 0.035+/-0.017 χ^2/NDF:62.1/51

All: 0.014+/-0.012 χ^2/NDF: 132.3/99

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF: 29.0/24

Left Out: 0.086+/-0.016 χ^2/NDF:27.8/23

Right Out: 0.110+/-0.029 χ^2/NDF: 29.5/27

Left In: 0.071+/-0.016 χ^2/NDF:44.0/22

Left: 0.079+/-0.011 χ^2/NDF: 72.1/46

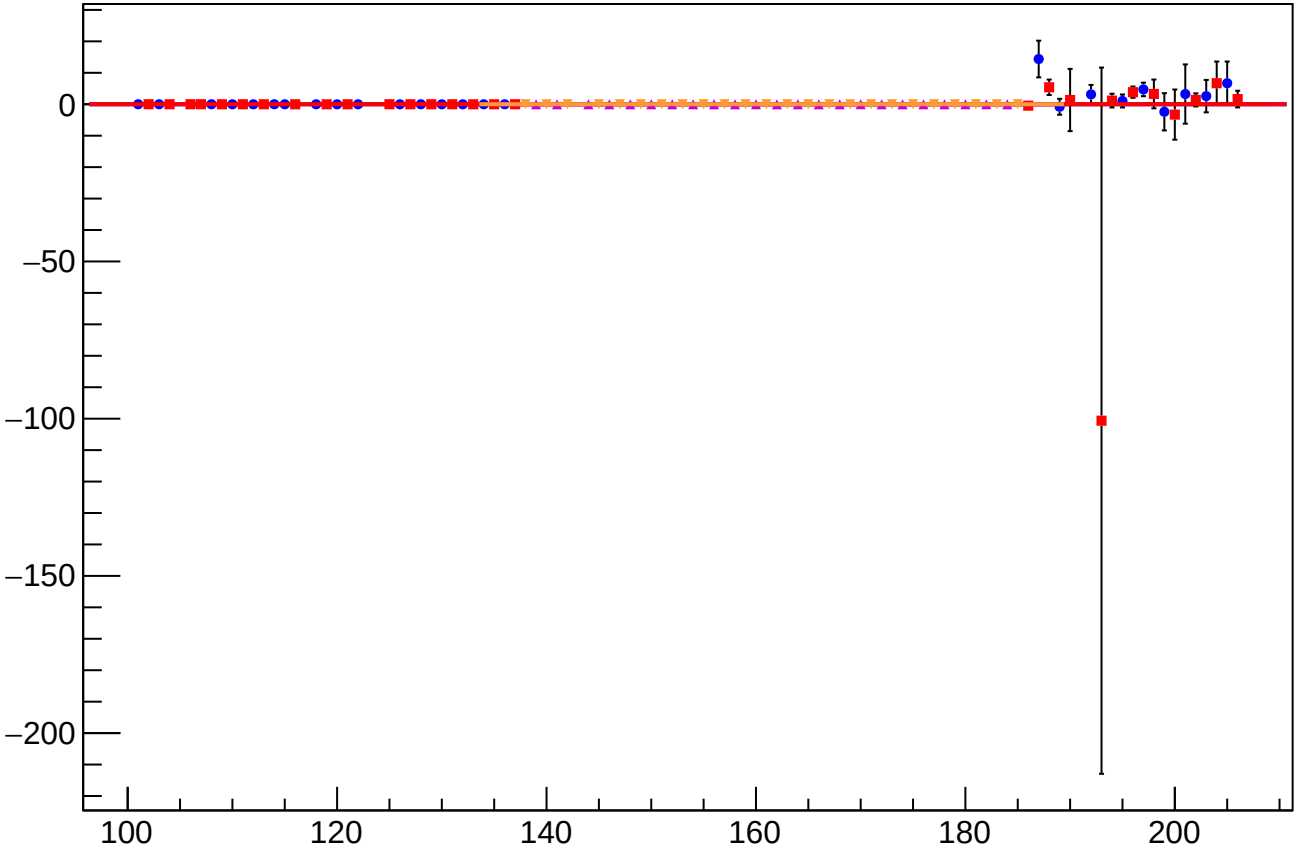
Right: 0.055+/-0.020 χ^2/NDF: 65.4/52

In: 0.054+/-0.014 χ^2/NDF:77.2/47

Out: 0.092+/-0.014 χ^2/NDF:57.8/51

All: 0.073+/-0.010 χ^2/NDF: 138.6/99

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF: 36.4/24

Left Out: 0.000+/-0.001 χ^2/NDF:23.9/23

Right Out: -0.004+/-0.001 χ^2/NDF: 36.7/27

Left In: 0.000+/-0.001 χ^2/NDF:22.4/22

Left: 0.000+/-0.001 χ^2/NDF: 46.3/46

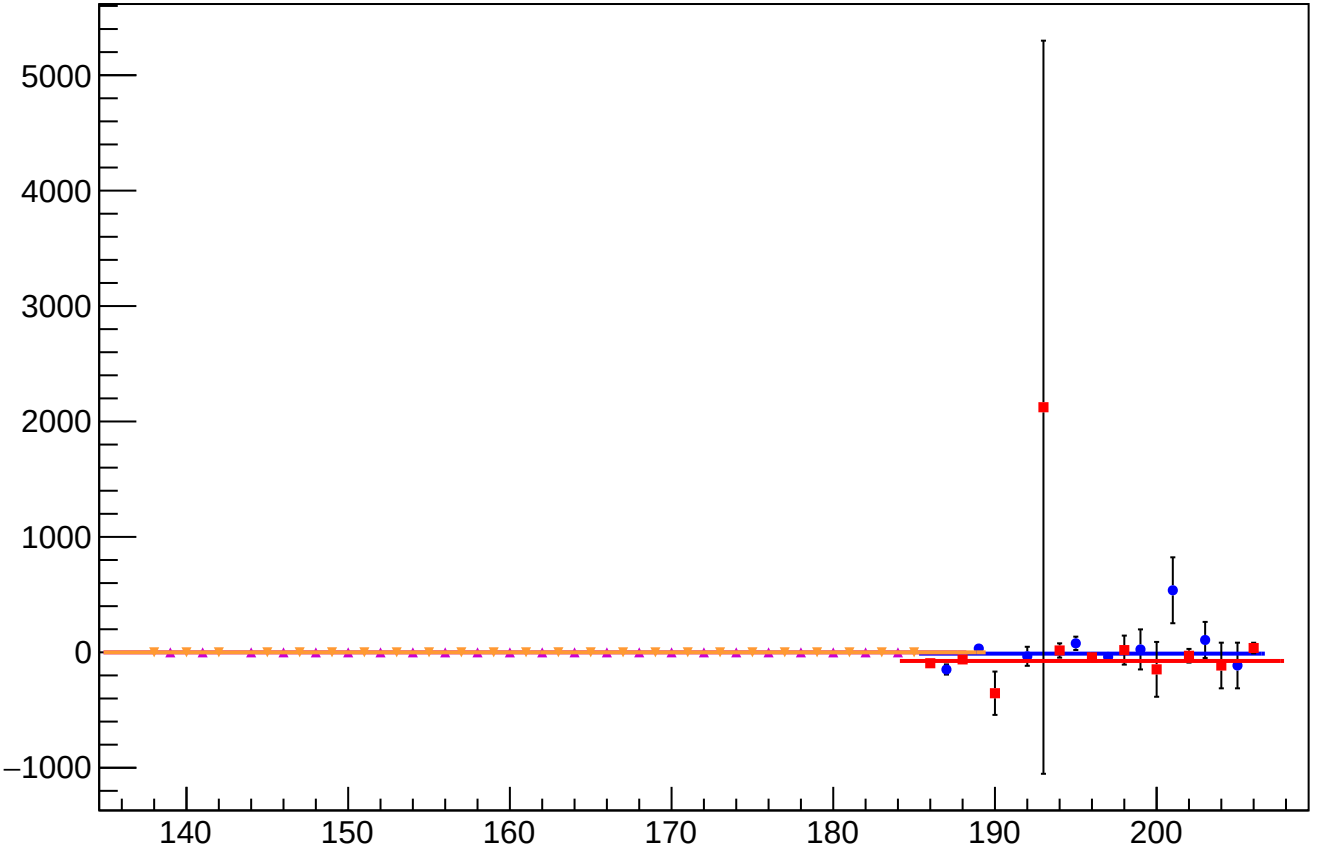
Right: -0.005+/-0.001 χ^2/NDF: 73.5/52

In: -0.001+/-0.001 χ^2/NDF:70.9/47

Out: -0.001+/-0.001 χ^2/NDF:68.5/51

All: -0.001+/-0.000 χ^2/NDF: 139.6/99

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.303+/-18.854 χ^2/NDF: 19.4/8

Left Out: -0.052+/-0.018 χ^2/NDF:37.3/23

Right Out: -74.776+/-9.605 χ^2/NDF: 15.7/10

Left In: -0.010+/-0.018 χ^2/NDF:33.3/22

Left: -0.031+/-0.013 χ^2/NDF: 73.3/46

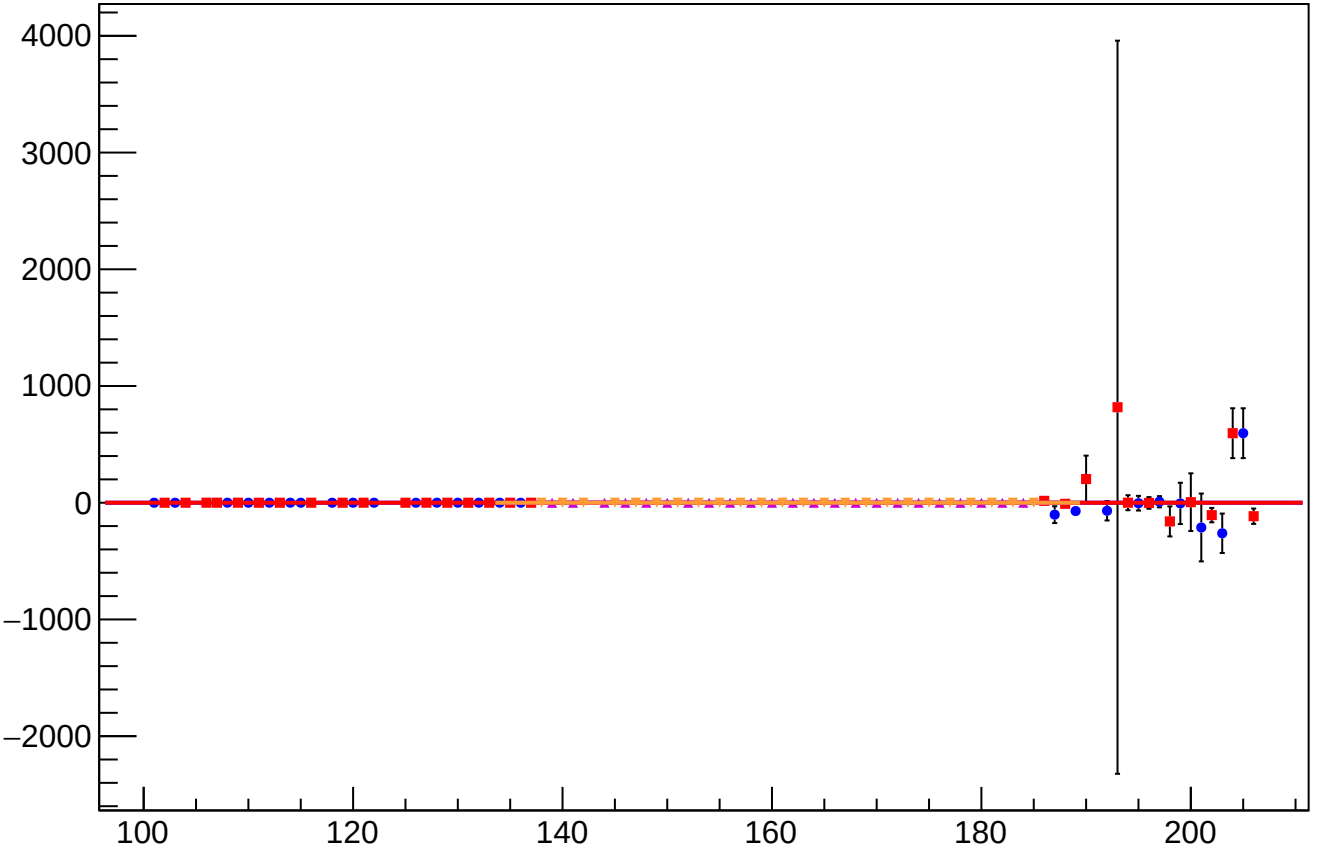
Right: -61.697+/-8.558 χ^2/NDF: 44.2/19

In: -0.010+/-0.018 χ^2/NDF:53.1/31

Out: -0.052+/-0.018 χ^2/NDF:113.6/34

All: -0.031+/-0.013 χ^2/NDF: 169.4/66

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.023 χ^2/NDF: 43.5/24

Left Out: -0.010+/-0.014 χ^2/NDF:29.5/23

Right Out: 0.040+/-0.025 χ^2/NDF: 44.8/27

Left In: 0.004+/-0.014 χ^2/NDF:50.3/22

Left: -0.003+/-0.010 χ^2/NDF: 80.2/46

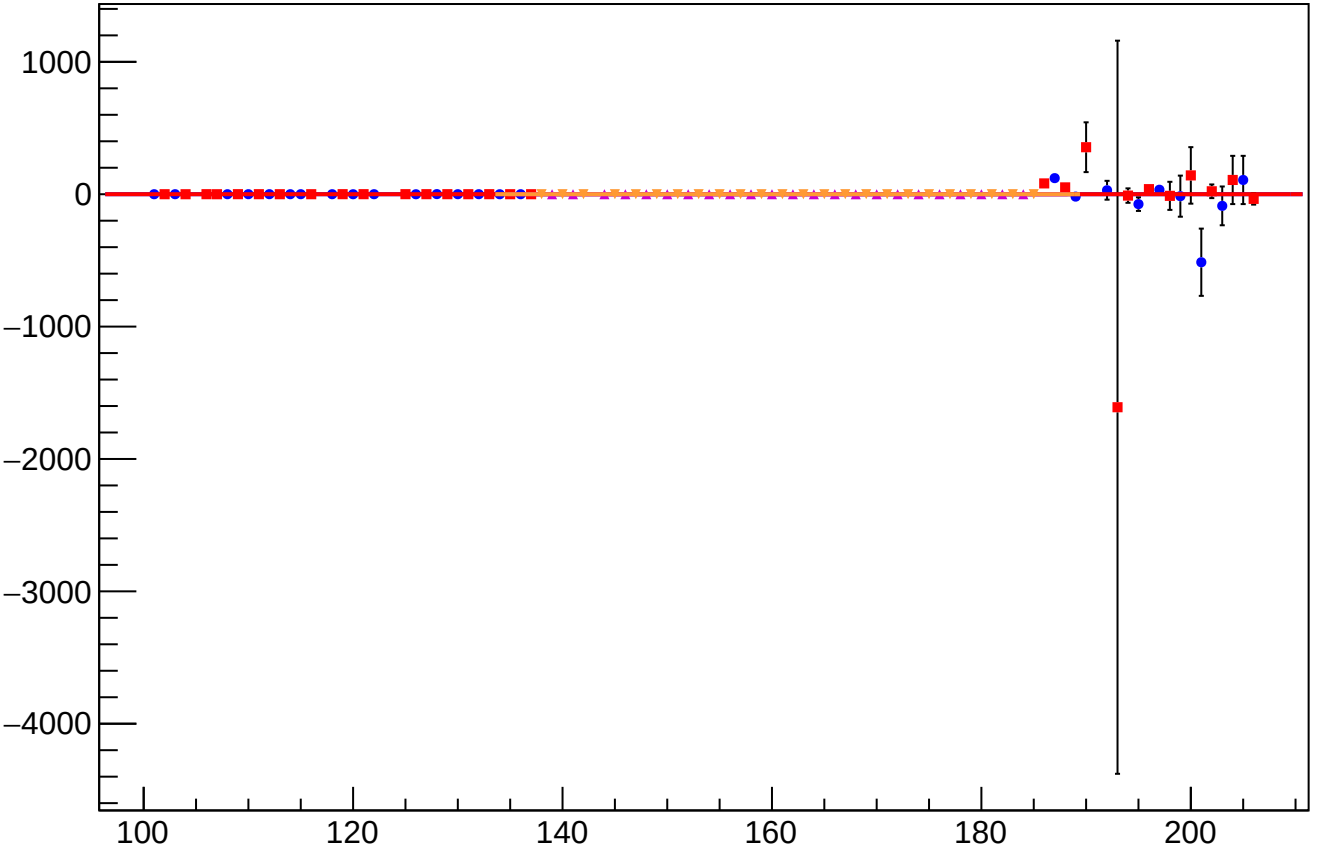
Right: 0.024+/-0.017 χ^2/NDF: 89.1/52

In: 0.006+/-0.012 χ^2/NDF:93.8/47

Out: 0.002+/-0.012 χ^2/NDF:77.4/51

All: 0.004+/-0.009 χ^2/NDF: 171.3/99

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.043 χ^2/NDF: 48.6/24

Left Out: 0.048+/-0.018 χ^2/NDF:35.4/23

Right Out: 0.204+/-0.045 χ^2/NDF: 98.1/27

Left In: 0.021+/-0.018 χ^2/NDF:34.0/22

Left: 0.034+/-0.013 χ^2/NDF: 70.5/46

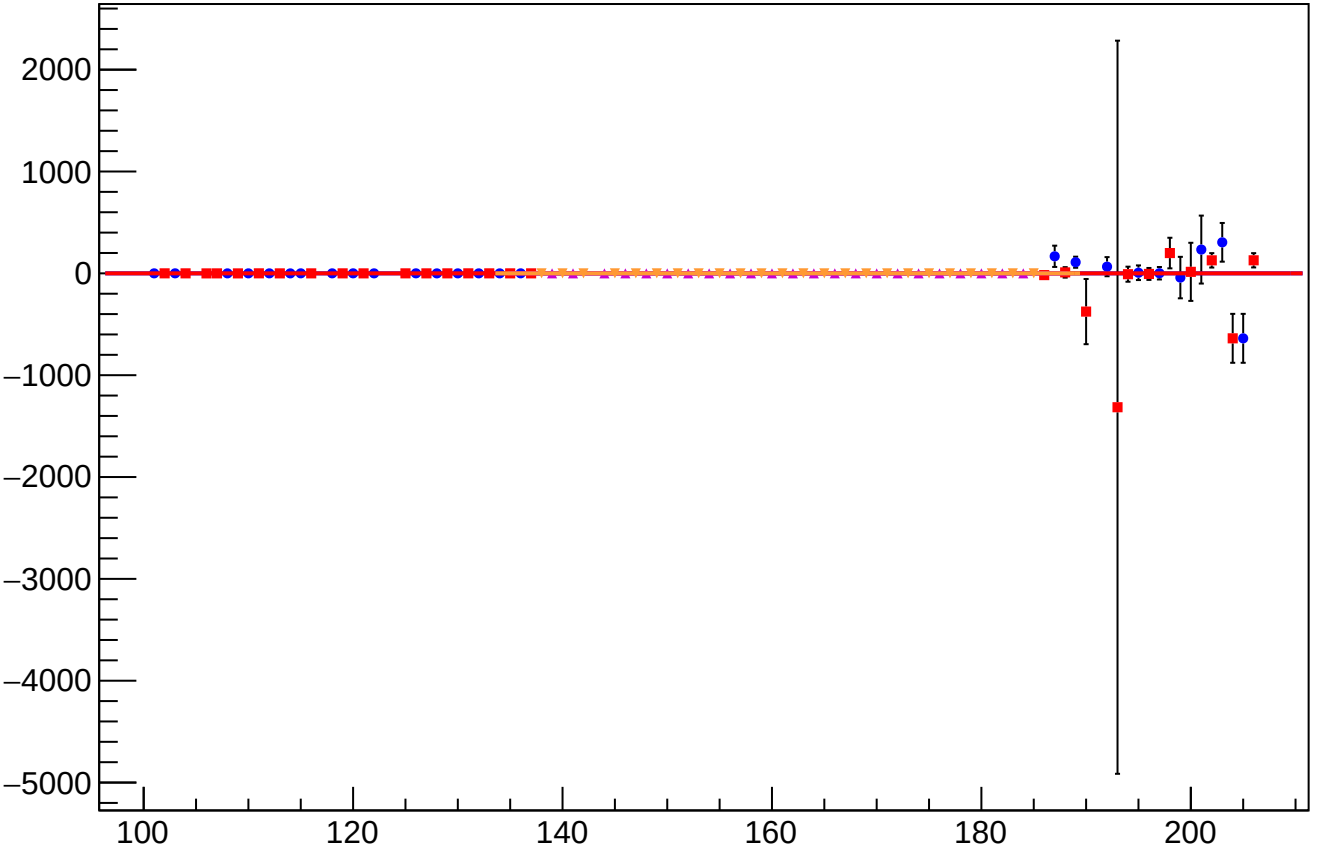
Right: 0.177+/-0.031 χ^2/NDF: 147.5/52

In: 0.041+/-0.017 χ^2/NDF:90.6/47

Out: 0.069+/-0.017 χ^2/NDF:143.9/51

All: 0.055+/-0.012 χ^2/NDF: 235.9/99

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014+/-0.027 χ^2/NDF: 42.4/24

Left Out: 0.021+/-0.016 χ^2/NDF:33.2/23

Right Out: -0.050+/-0.029 χ^2/NDF: 42.7/27

Left In: 0.007+/-0.016 χ^2/NDF:50.7/22

Left: 0.014+/-0.011 χ^2/NDF: 84.2/46

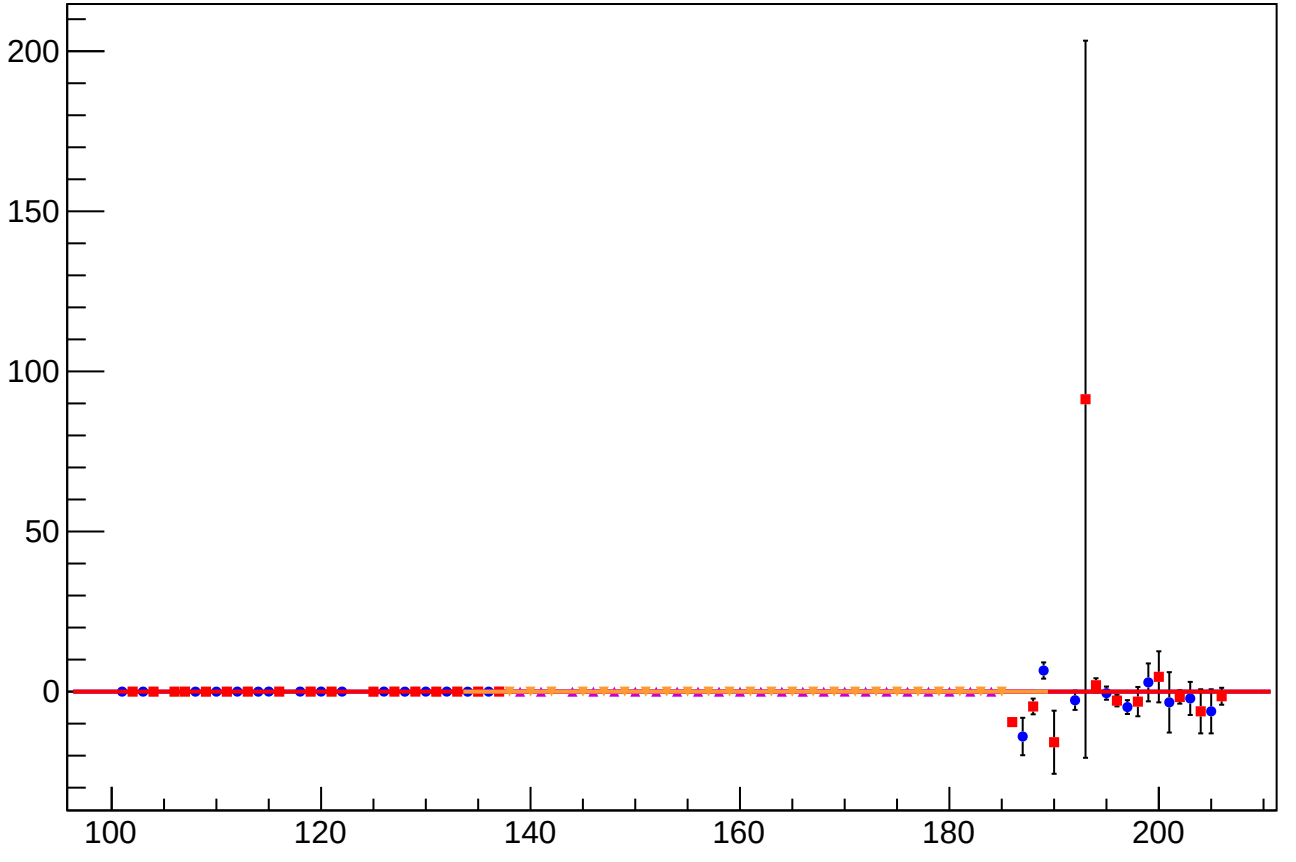
Right: -0.030+/-0.020 χ^2/NDF: 85.9/52

In: 0.002+/-0.014 χ^2/NDF:93.5/47

Out: 0.004+/-0.014 χ^2/NDF:80.5/51

All: 0.003+/-0.010 χ^2/NDF: 174.0/99

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2/NDF: 48.7/24

Left Out: -0.008+/-0.001 χ^2/NDF:31.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 70.4/27

Left In: -0.009+/-0.001 χ^2/NDF:39.2/22

Left: -0.008+/-0.001 χ^2/NDF: 71.4/46

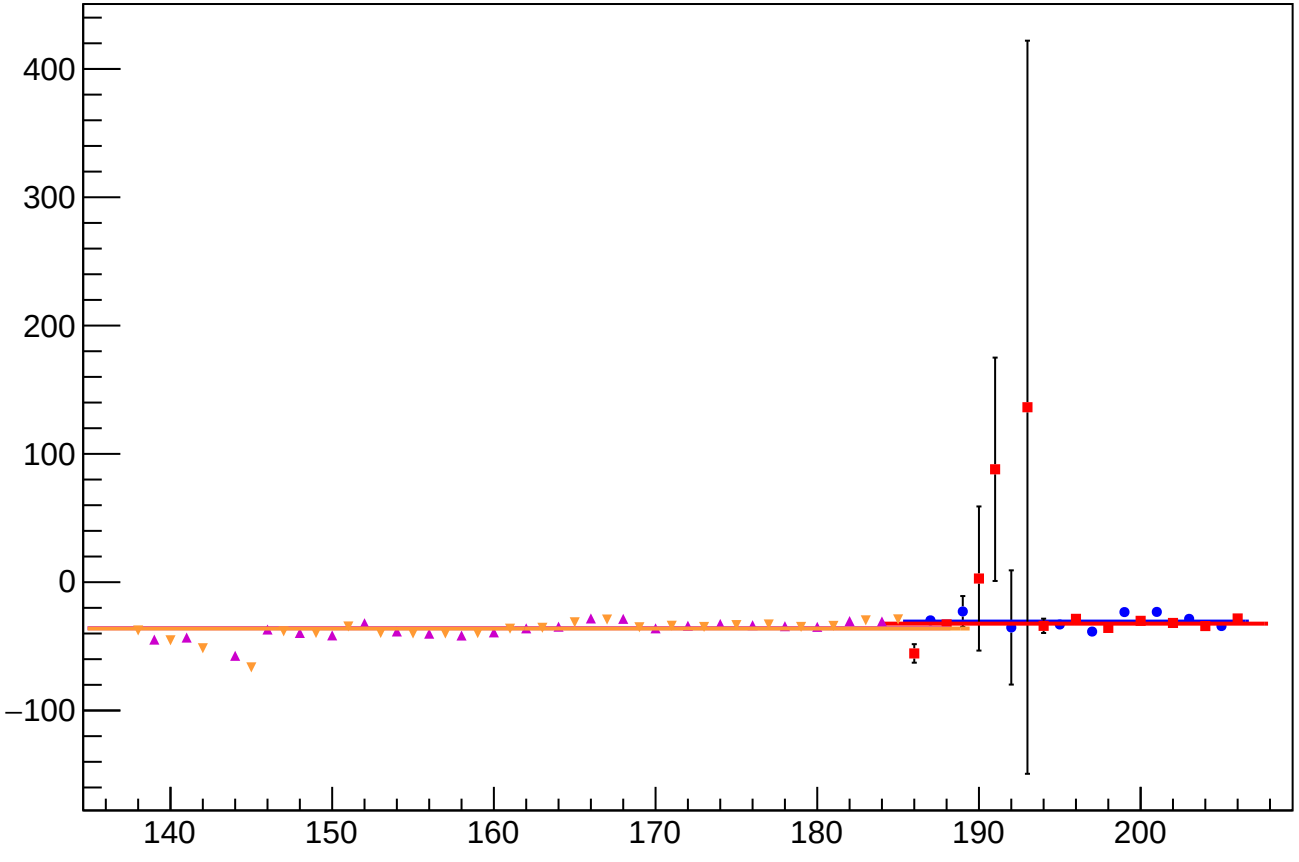
Right: -0.006+/-0.001 χ^2/NDF: 119.1/52

In: -0.008+/-0.001 χ^2/NDF:90.8/47

Out: -0.008+/-0.001 χ^2/NDF:103.9/51

All: -0.008+/-0.000 χ^2/NDF: 194.9/99

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.709+/-0.938 χ^2/NDF: 23.9/8

Left Out: -36.110+/-0.192 χ^2/NDF:1118.4/23

Right Out: -32.312+/-0.794 χ^2/NDF: 20.6/11

Left In: -35.869+/-0.191 χ^2/NDF:887.1/22

Left: -35.989+/-0.135 χ^2/NDF: 2006.3/46

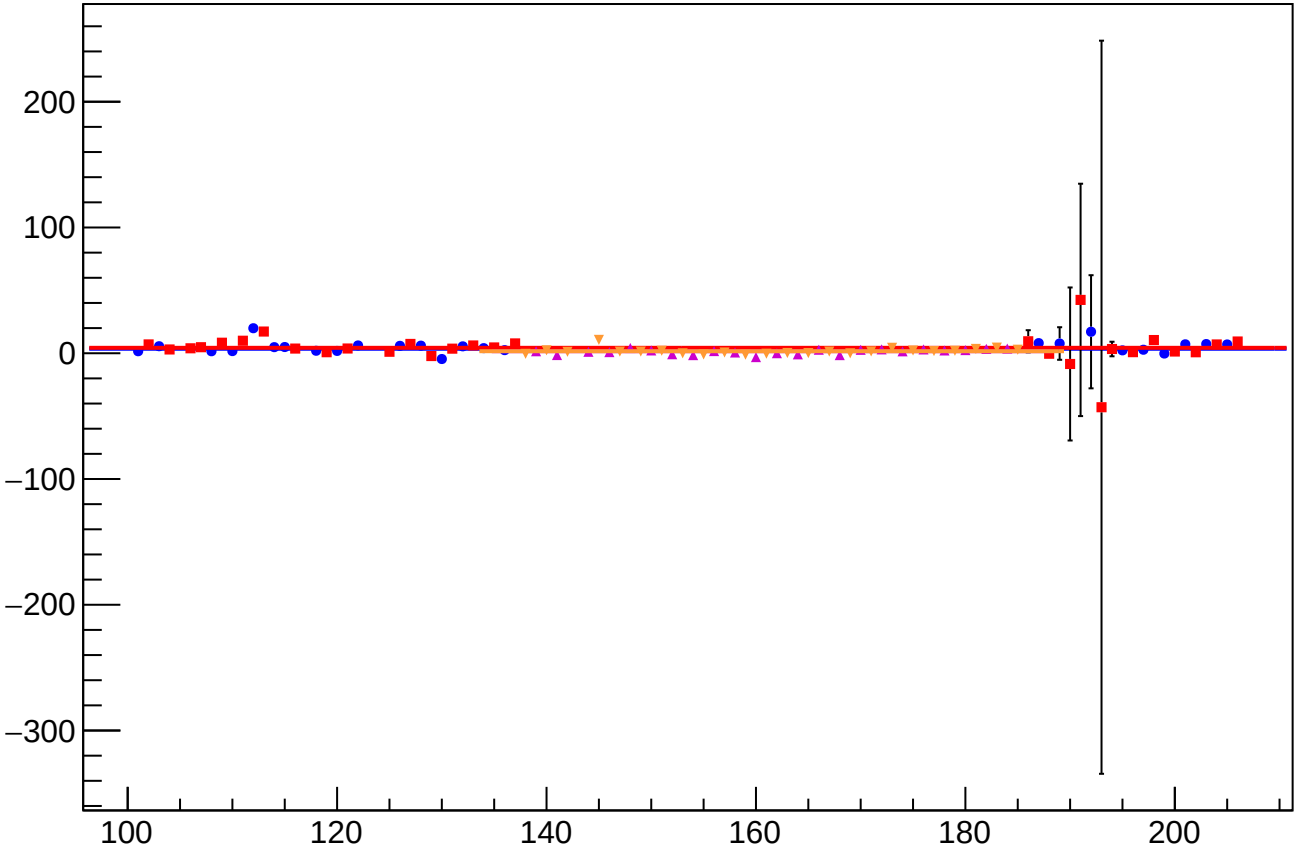
Right: -31.643+/-0.606 χ^2/NDF: 46.2/20

In: -35.664+/-0.187 χ^2/NDF:940.0/31

Out: -35.900+/-0.187 χ^2/NDF:1160.6/35

All: -35.783+/-0.132 χ^2/NDF: 2101.5/67

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.570+/-0.214 χ^2/NDF: 453.9/24

Left Out: 1.632+/-0.148 χ^2/NDF:166.7/23

Right Out: 4.312+/-0.221 χ^2/NDF: 367.3/28

Left In: 1.646+/-0.149 χ^2/NDF:164.1/22

Left: 1.639+/-0.105 χ^2/NDF: 330.7/46

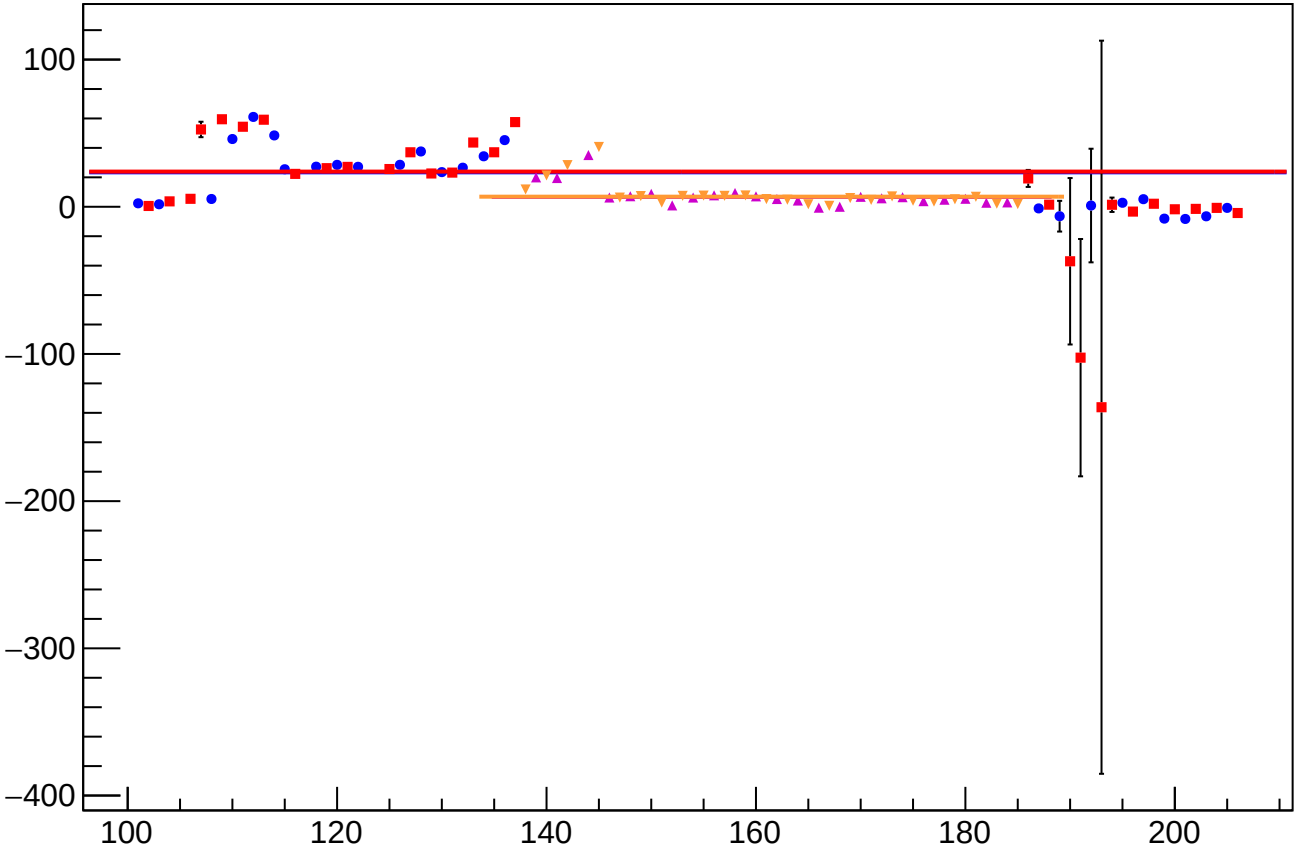
Right: 3.929+/-0.154 χ^2/NDF: 826.9/53

In: 2.275+/-0.122 χ^2/NDF:672.4/47

Out: 2.461+/-0.123 χ^2/NDF:635.7/52

All: 2.368+/-0.087 χ^2/NDF: 1309.3/100

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 23.394+/-0.373 χ^2/NDF: 2619.6/24

Left Out: 6.855+/-0.191 χ^2/NDF:1298.7/23

Right Out: 23.899+/-0.360 χ^2/NDF: 3299.6/28

Left In: 6.639+/-0.190 χ^2/NDF:1077.2/22

Left: 6.746+/-0.135 χ^2/NDF: 2376.6/46

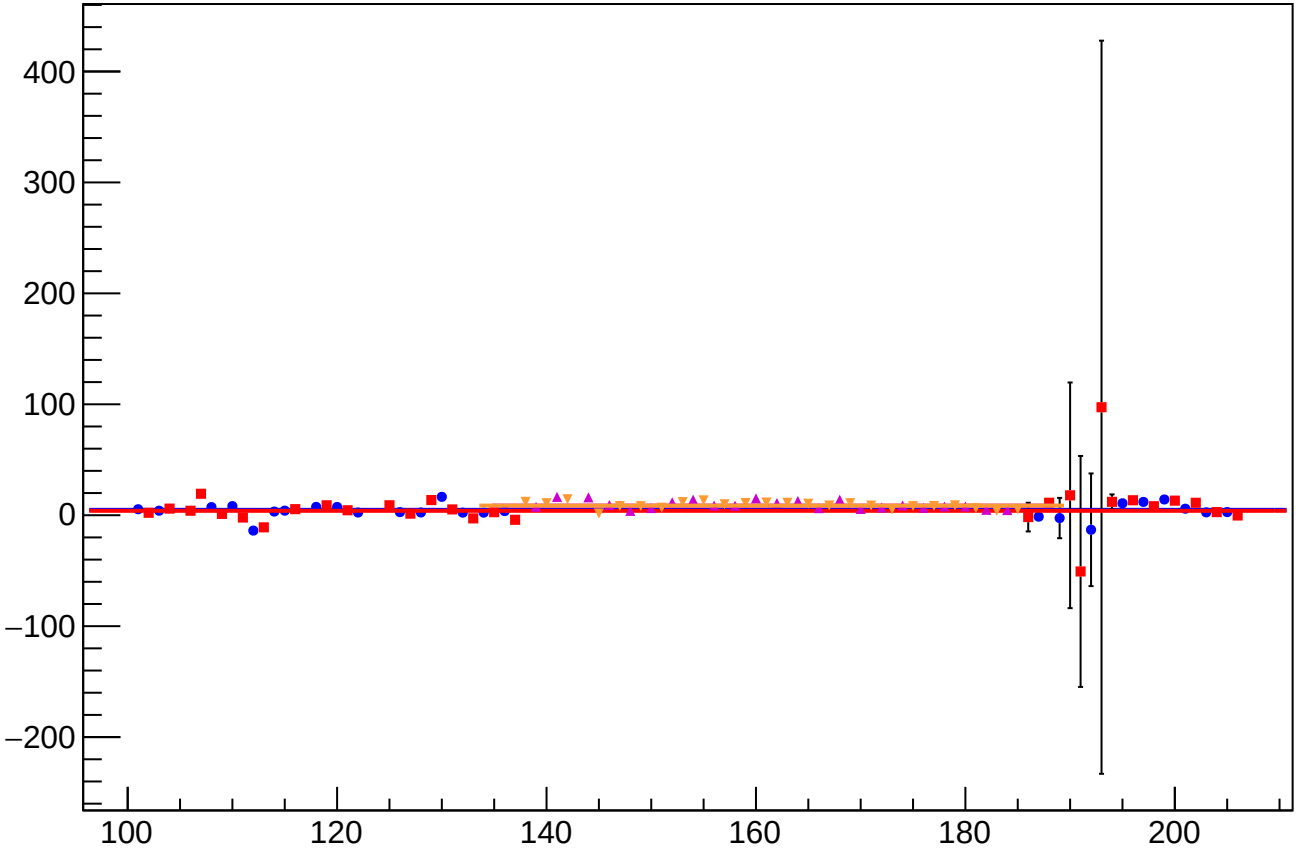
Right: 23.655+/-0.259 χ^2/NDF: 5920.1/53

In: 10.081+/-0.169 χ^2/NDF:5298.1/47

Out: 10.606+/-0.169 χ^2/NDF:6344.1/52

All: 10.344+/-0.120 χ^2/NDF: 11647.1/100

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.857+/-0.247 χ^2/NDF: 569.9/24

Left Out: 8.697+/-0.169 χ^2/NDF:241.1/23

Right Out: 3.994+/-0.254 χ^2/NDF: 593.7/28

Left In: 8.659+/-0.170 χ^2/NDF:438.0/22

Left: 8.678+/-0.120 χ^2/NDF: 679.2/46

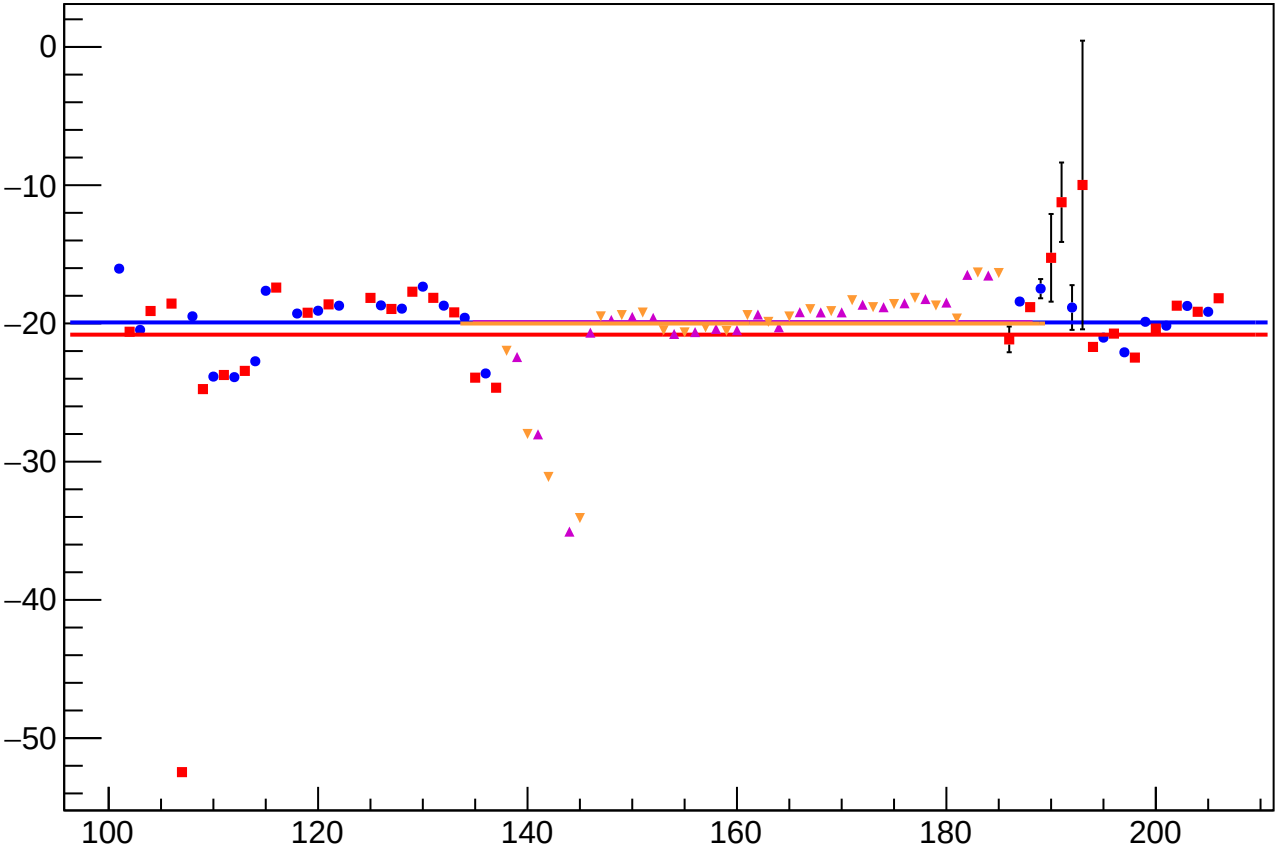
Right: 4.437+/-0.177 χ^2/NDF: 1169.5/53

In: 7.443+/-0.140 χ^2/NDF:1168.5/47

Out: 7.255+/-0.141 χ^2/NDF:1072.4/52

All: 7.349+/-0.099 χ^2/NDF: 2241.7/100

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.928+/-0.015 χ^2/NDF: 26655.6/24

Left Out: -20.007+/-0.008 χ^2/NDF:171647.2/23

Right Out: -20.812+/-0.015 χ^2/NDF: 94075.0/28

Left In: -19.912+/-0.008 χ^2/NDF:145487.3/22

Left: -19.959+/-0.006 χ^2/NDF: 317207.1/46

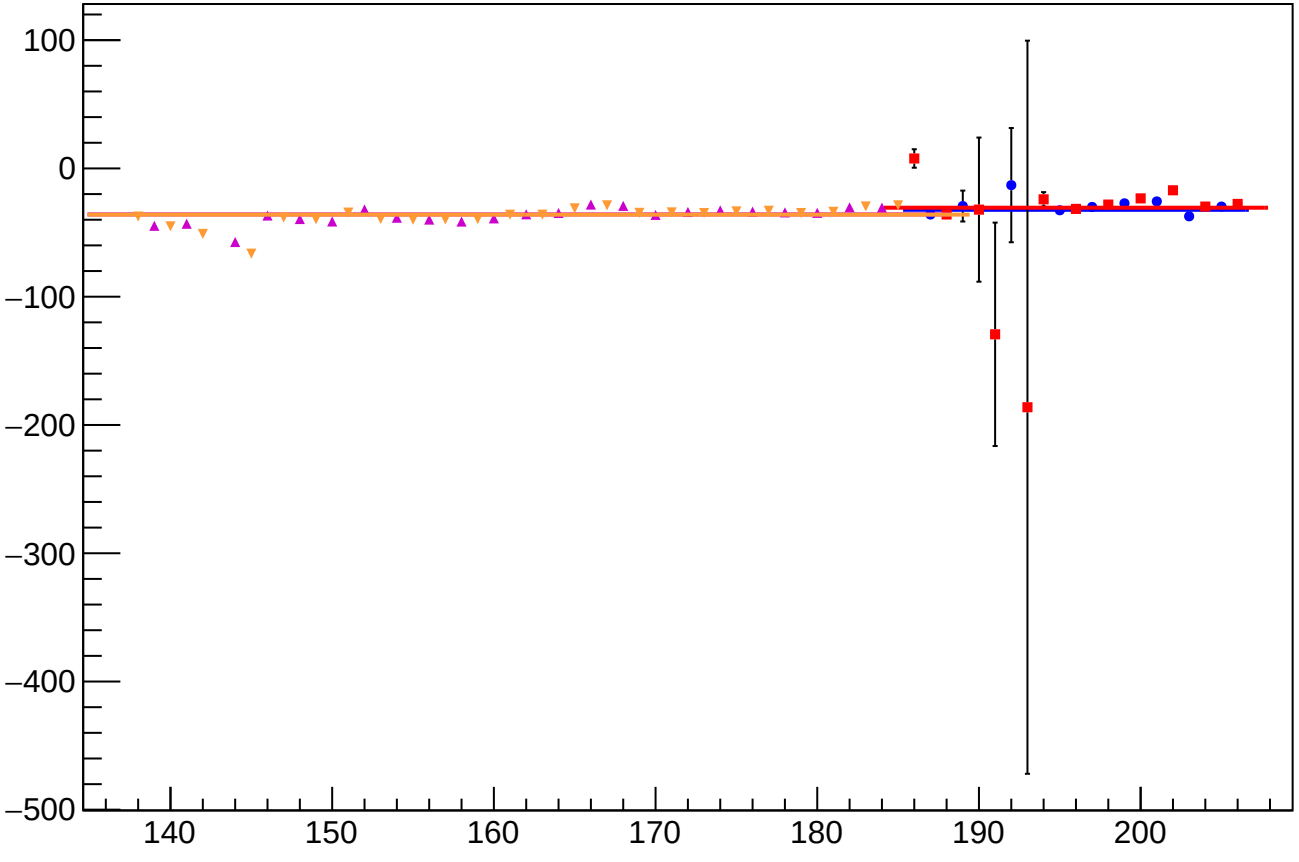
Right: -20.368+/-0.011 χ^2/NDF: 122503.6/53

In: -19.916+/-0.007 χ^2/NDF:172143.8/47

Out: -20.184+/-0.007 χ^2/NDF:268008.0/52

All: -20.048+/-0.005 χ^2/NDF: 440897.4/100

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.253+/-0.941 χ^2/NDF: 16.8/8

Left Out: -36.019+/-0.192 χ^2/NDF:1125.4/23

Right Out: -30.626+/-0.796 χ^2/NDF: 75.8/11

Left In: -35.856+/-0.191 χ^2/NDF:875.9/22

Left: -35.937+/-0.135 χ^2/NDF: 2001.6/46

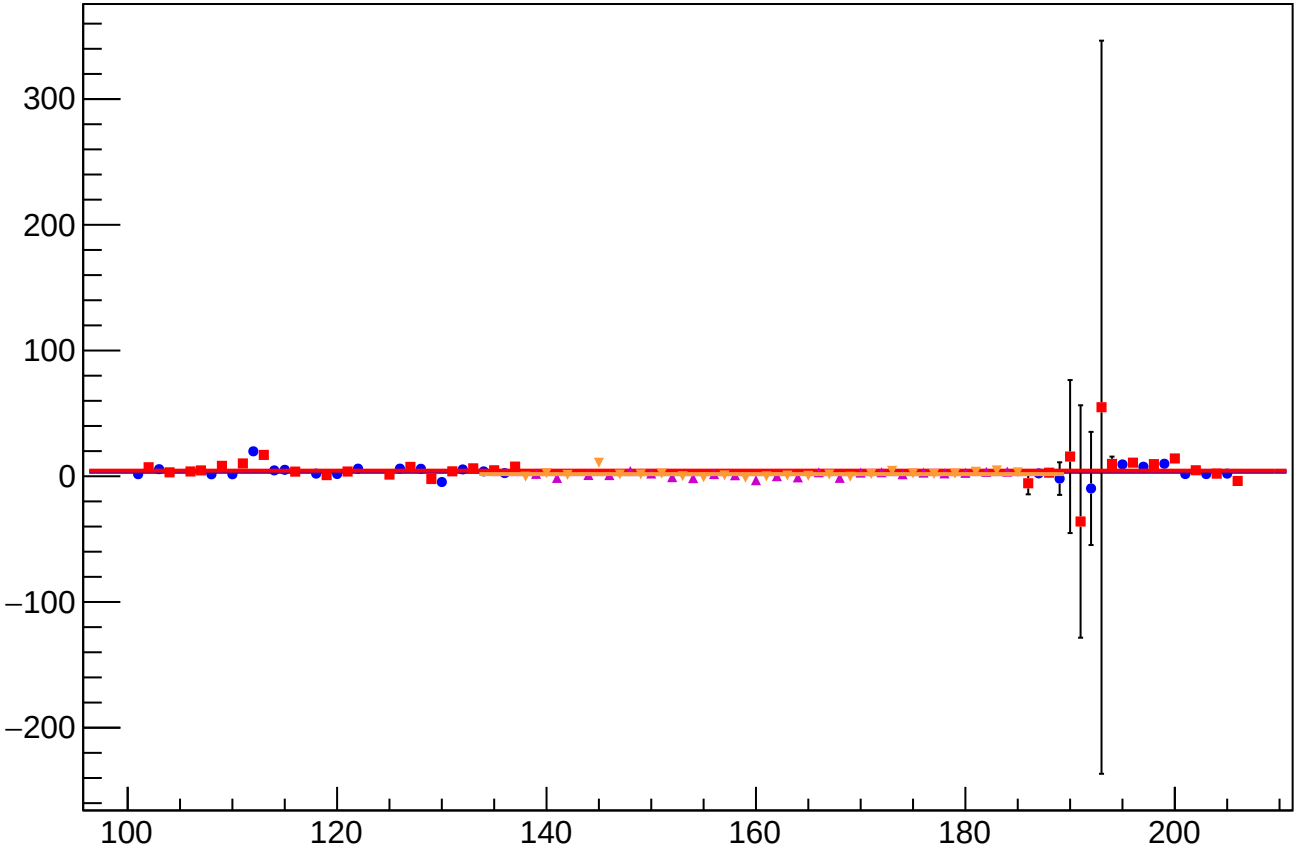
Right: -31.305+/-0.608 χ^2/NDF: 94.3/20

In: -35.714+/-0.187 χ^2/NDF:906.7/31

Out: -35.723+/-0.186 χ^2/NDF:1244.5/35

All: -35.718+/-0.132 χ^2/NDF: 2151.2/67

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.582+/-0.214 χ^2/NDF: 453.6/24

Left Out: 1.721+/-0.148 χ^2/NDF:168.3/23

Right Out: 4.454+/-0.221 χ^2/NDF: 368.1/28

Left In: 1.712+/-0.149 χ^2/NDF:164.1/22

Left: 1.717+/-0.105 χ^2/NDF: 332.4/46

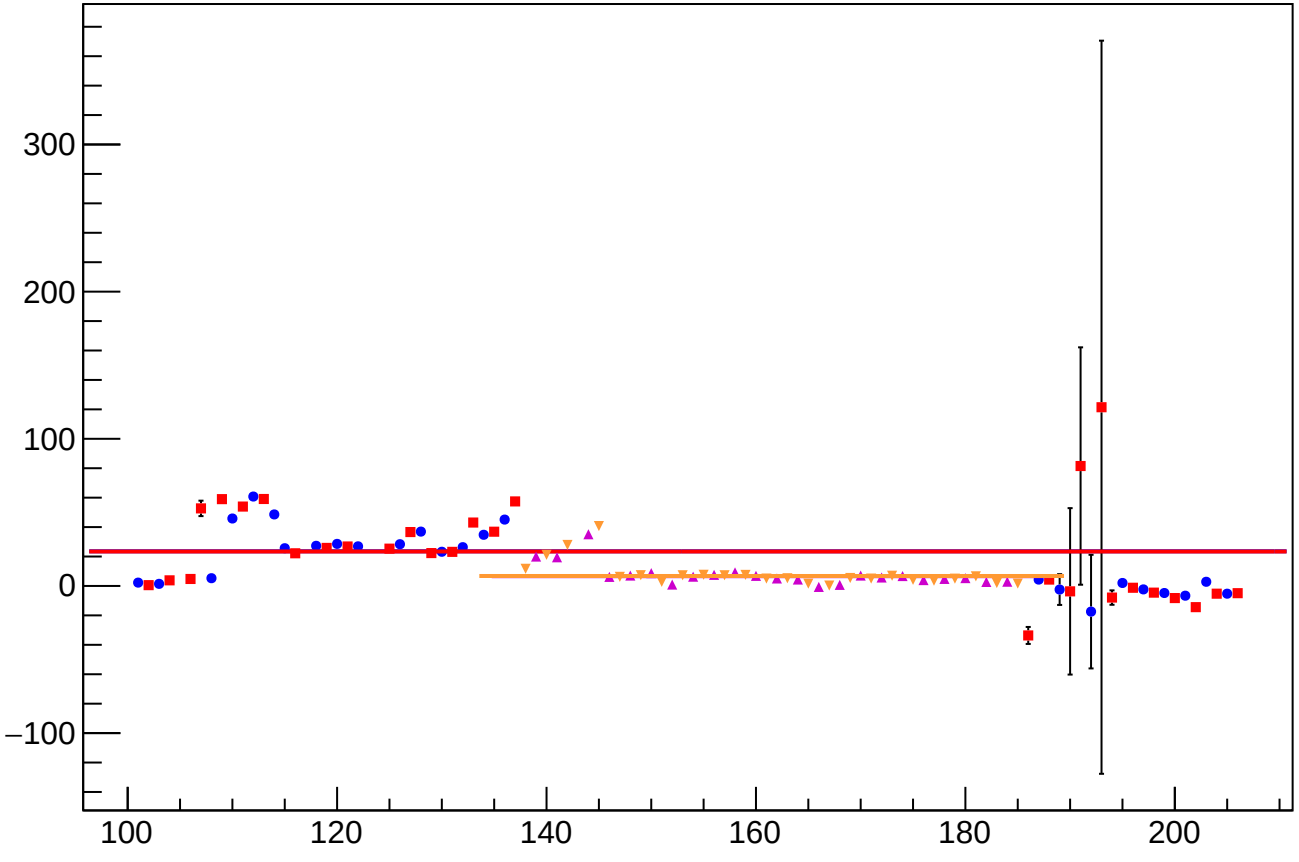
Right: 4.004+/-0.154 χ^2/NDF: 829.8/53

In: 2.324+/-0.122 χ^2/NDF:669.2/47

Out: 2.567+/-0.123 χ^2/NDF:642.4/52

All: 2.445+/-0.087 χ^2/NDF: 1313.5/100

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 23.552+/-0.373 χ^2/NDF: 2503.6/24

Left Out: 6.767+/-0.191 χ^2/NDF:1301.2/23

Right Out: 23.421+/-0.360 χ^2/NDF: 3459.5/28

Left In: 6.635+/-0.190 χ^2/NDF:1070.4/22

Left: 6.700+/-0.135 χ^2/NDF: 2371.9/46

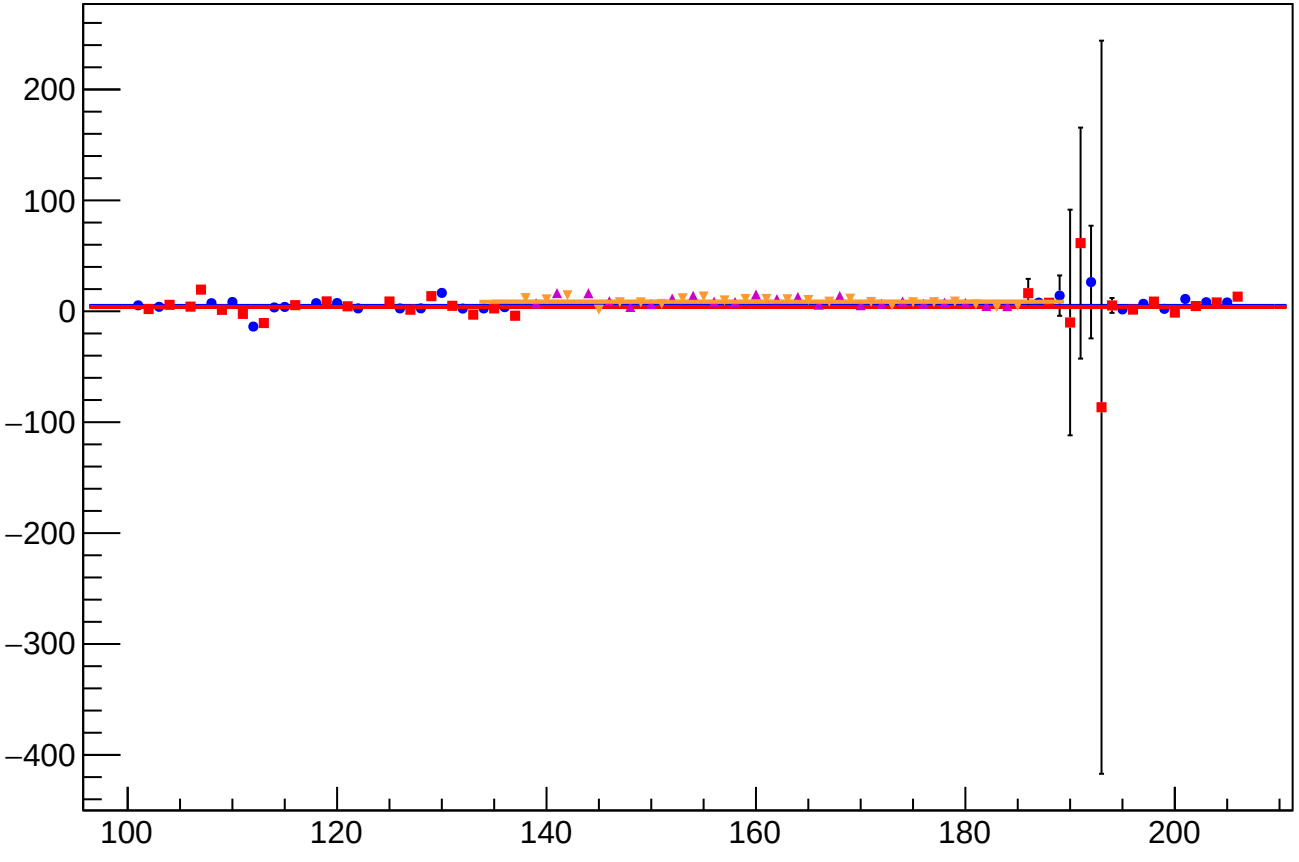
Right: 23.484+/-0.259 χ^2/NDF: 5963.2/53

In: 10.106+/-0.169 χ^2/NDF:5206.8/47

Out: 10.428+/-0.169 χ^2/NDF:6427.6/52

All: 10.267+/-0.120 χ^2/NDF: 11636.2/100

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.844+/-0.247 χ^2/NDF: 556.4/24

Left Out: 8.588+/-0.169 χ^2/NDF:245.6/23

Right Out: 3.850+/-0.254 χ^2/NDF: 578.6/28

Left In: 8.573+/-0.170 χ^2/NDF:443.4/22

Left: 8.581+/-0.120 χ^2/NDF: 689.0/46

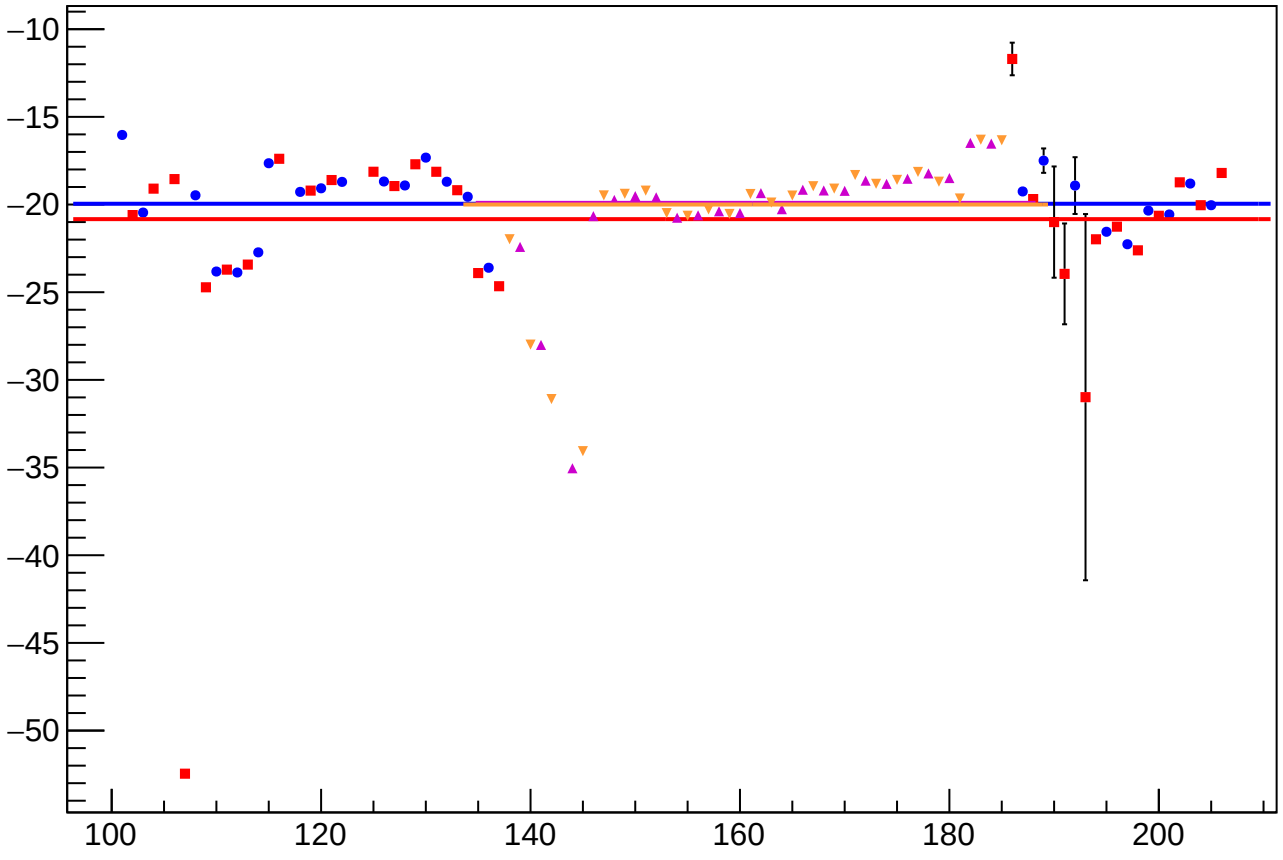
Right: 4.360+/-0.177 χ^2/NDF: 1142.9/53

In: 7.380+/-0.140 χ^2/NDF:1154.4/47

Out: 7.136+/-0.141 χ^2/NDF:1065.7/52

All: 7.258+/-0.099 χ^2/NDF: 2221.7/100

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.956+/-0.015 χ^2/NDF: 26797.3/24

Left Out: -19.999+/-0.008 χ^2/NDF:171834.0/23

Right Out: -20.833+/-0.015 χ^2/NDF: 94086.6/28

Left In: -19.905+/-0.008 χ^2/NDF:145346.7/22

Left: -19.951+/-0.006 χ^2/NDF: 317253.3/46

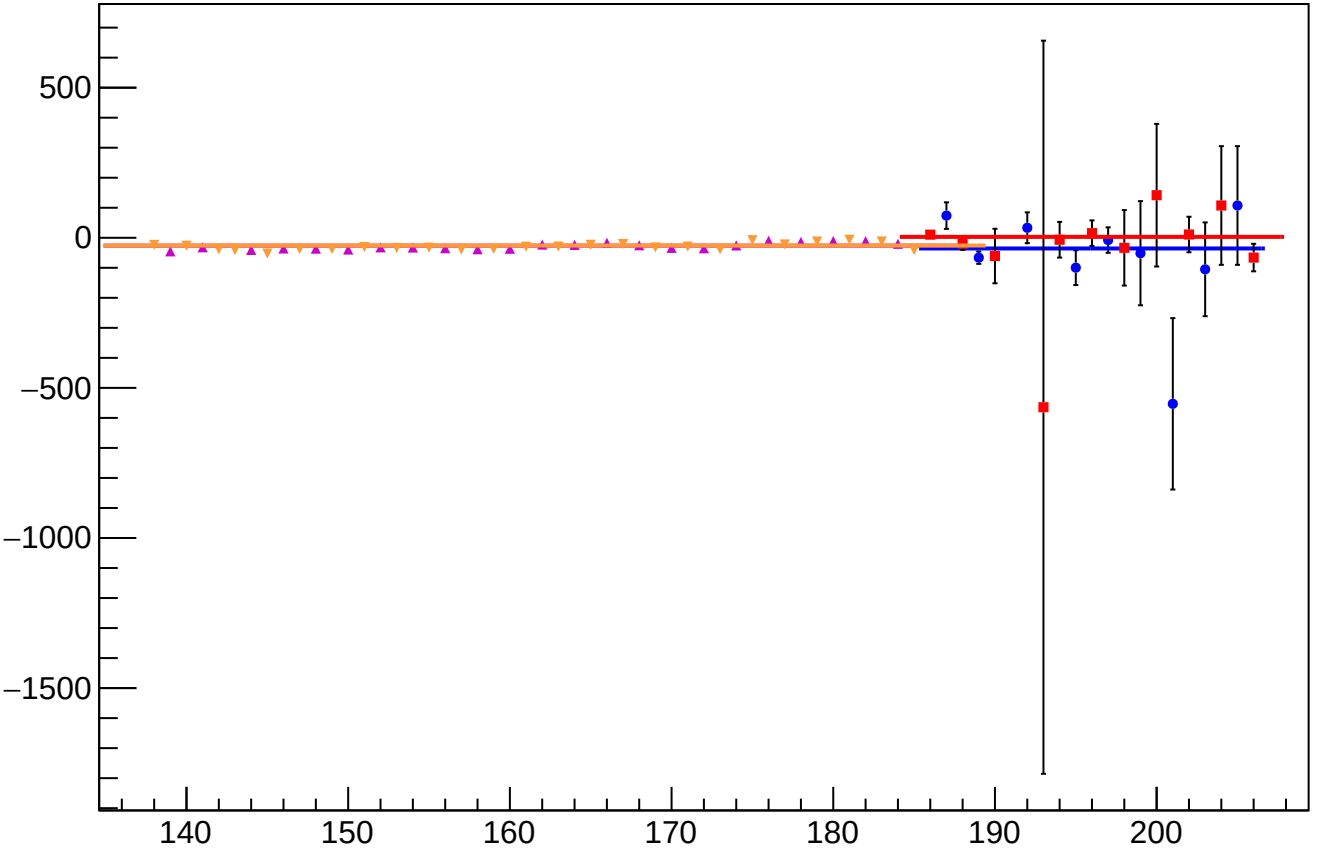
Right: -20.392+/-0.010 χ^2/NDF: 122629.9/53

In: -19.916+/-0.007 χ^2/NDF:172153.3/47

Out: -20.182+/-0.007 χ^2/NDF:268372.2/52

All: -20.048+/-0.005 χ^2/NDF: 441262.8/100

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.614+/-15.382 χ^2/NDF: 15.8/8

Left Out: -25.804+/-0.192 χ^2/NDF:4127.8/24

Right Out: 2.980+/-8.076 χ^2/NDF: 5.6/10

Left In: -26.204+/-0.194 χ^2/NDF:3377.8/22

Left: -26.002+/-0.137 χ^2/NDF: 7507.7/47

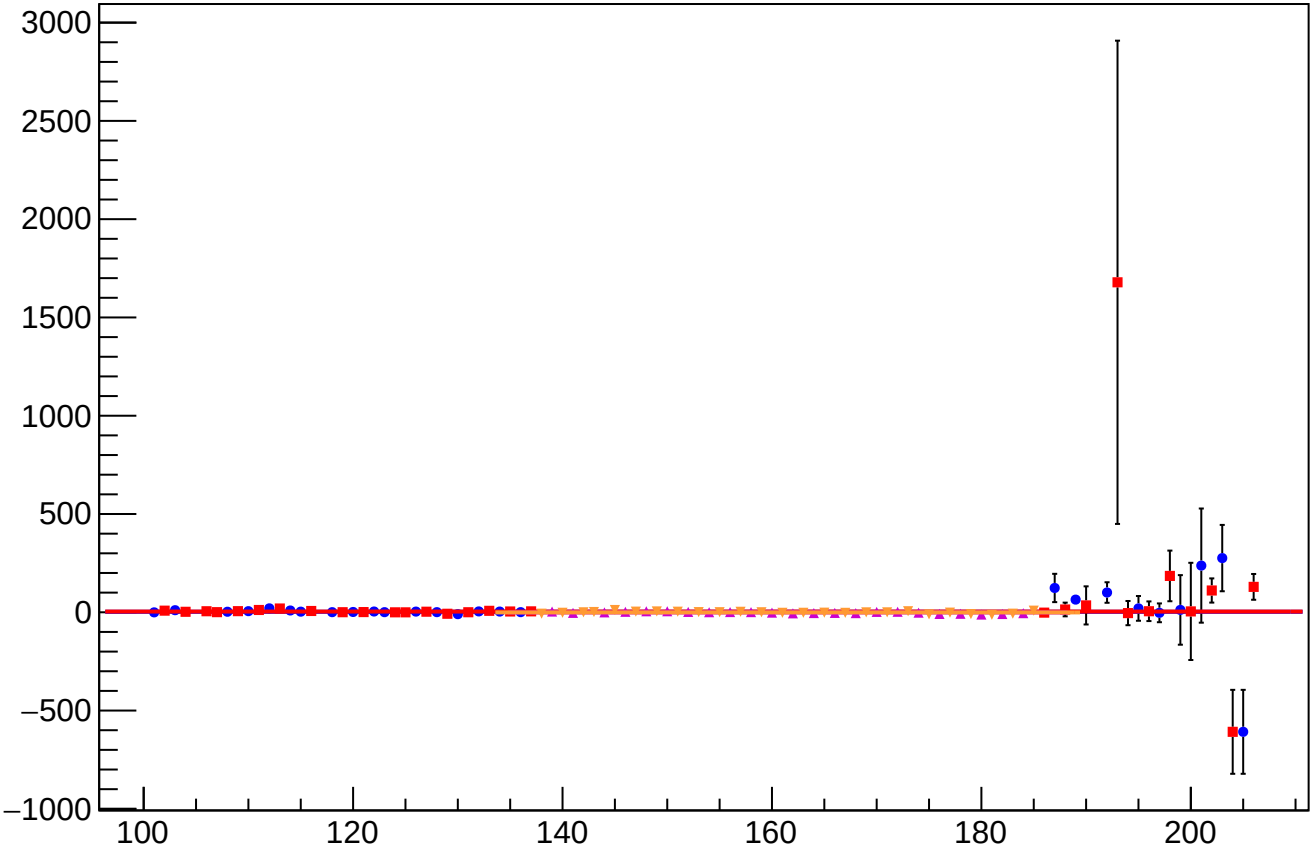
Right: -5.360+/-7.151 χ^2/NDF: 26.4/19

In: -26.205+/-0.194 χ^2/NDF:3394.0/31

Out: -25.788+/-0.192 χ^2/NDF:4146.1/35

All: -25.995+/-0.137 χ^2/NDF: 7542.4/67

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.460+/-0.311 χ^2/NDF: 320.2/25

Left Out: -0.681+/-0.147 χ^2/NDF:1314.3/24

Right Out: 3.729+/-0.327 χ^2/NDF: 288.3/28

Left In: -0.842+/-0.150 χ^2/NDF:1071.6/22

Left: -0.760+/-0.105 χ^2/NDF: 2386.5/47

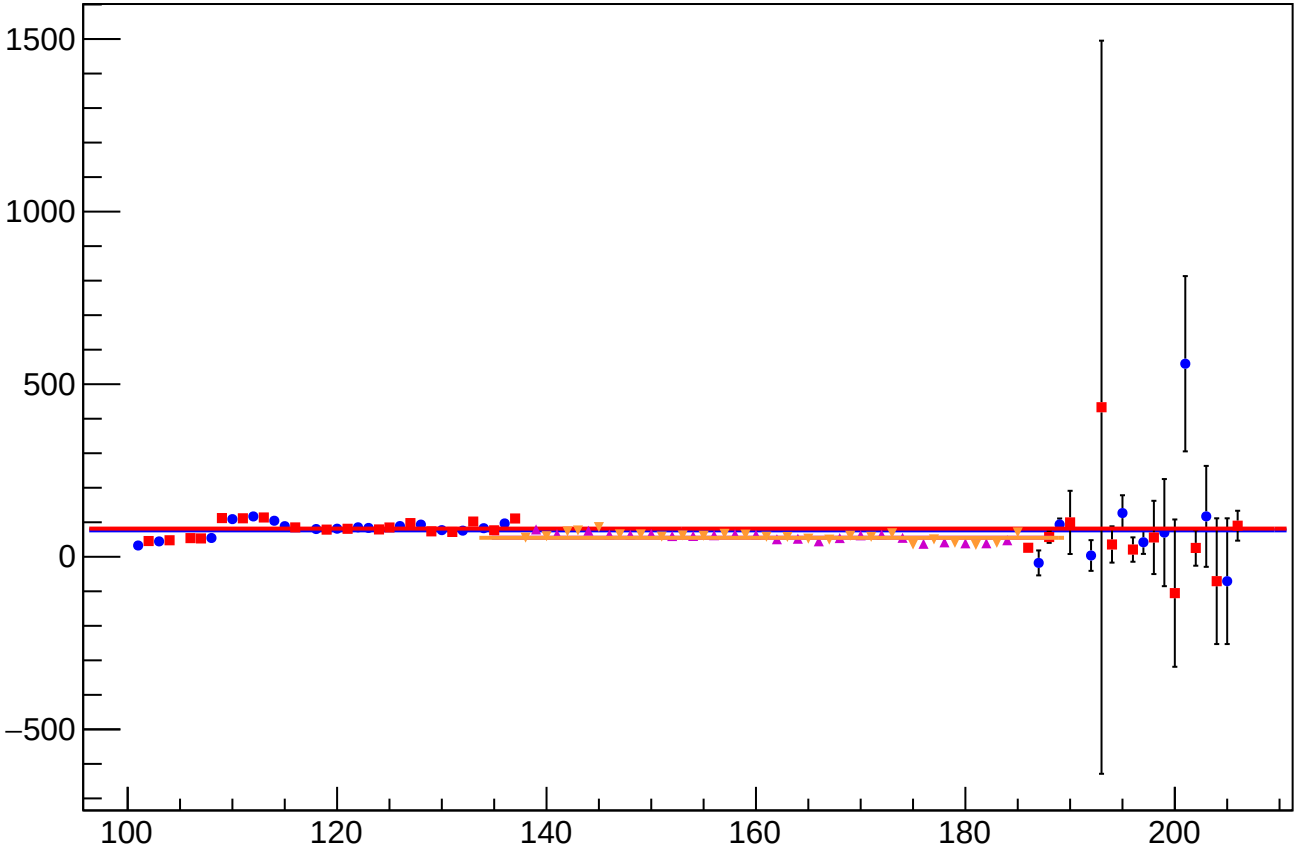
Right: 3.063+/-0.225 χ^2/NDF: 616.4/54

In: -0.218+/-0.135 χ^2/NDF:1483.3/48

Out: 0.058+/-0.134 χ^2/NDF:1754.1/53

All: -0.079+/-0.095 χ^2/NDF: 3239.5/102

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.553+/-0.573 χ^2/NDF: 2270.4/25

Left Out: 55.000+/-0.192 χ^2/NDF:4524.8/24

Right Out: 81.675+/-0.590 χ^2/NDF: 1610.6/28

Left In: 55.225+/-0.193 χ^2/NDF:3825.0/22

Left: 55.112+/-0.136 χ^2/NDF: 8350.5/47

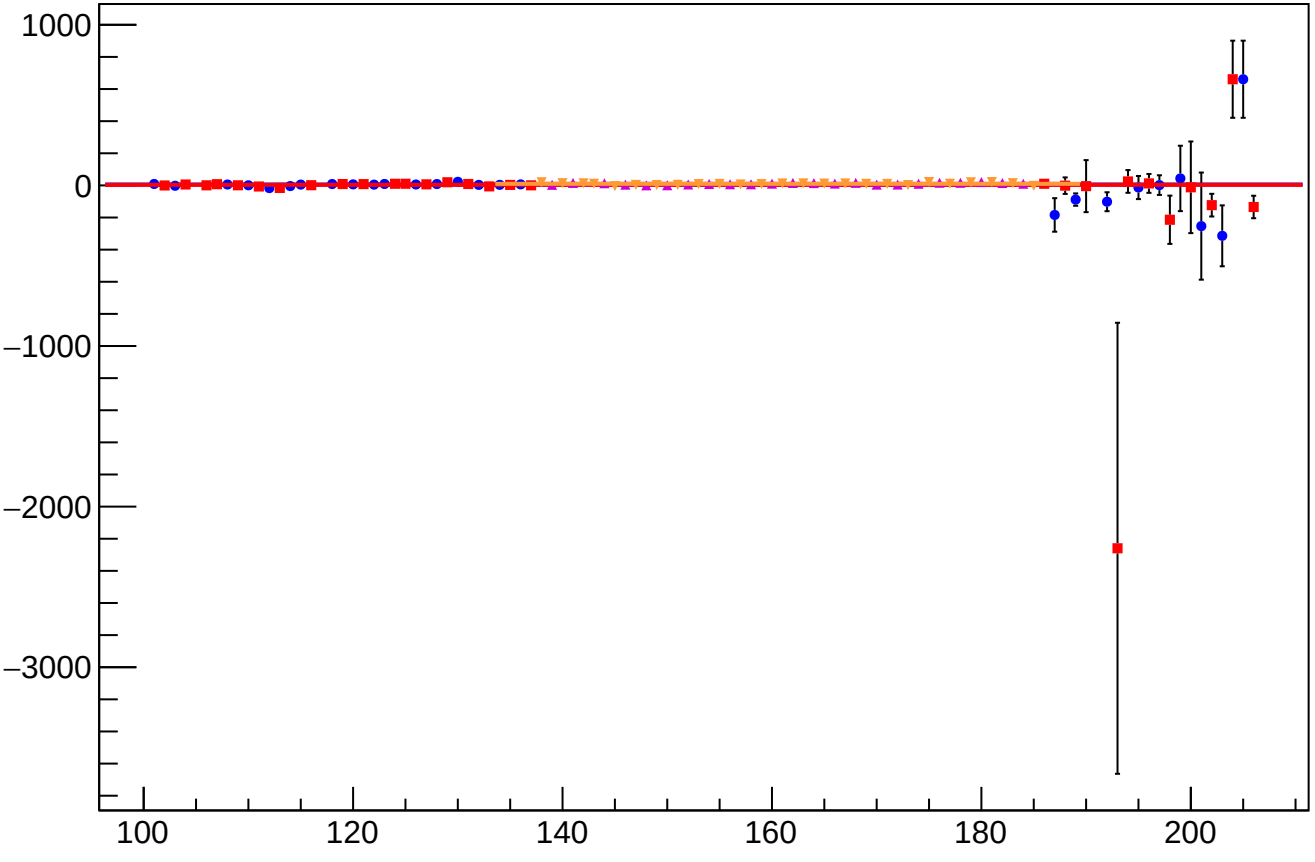
Right: 79.037+/-0.411 χ^2/NDF: 3919.8/54

In: 57.396+/-0.183 χ^2/NDF:7340.9/48

Out: 57.548+/-0.182 χ^2/NDF:7982.0/53

All: 57.472+/-0.129 χ^2/NDF: 15323.3/102

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.427+/-0.357 χ^2/NDF: 411.0/25

Left Out: 9.750+/-0.168 χ^2/NDF:1449.2/24

Right Out: 3.576+/-0.375 χ^2/NDF: 442.6/28

Left In: 9.775+/-0.171 χ^2/NDF:1165.6/22

Left: 9.762+/-0.120 χ^2/NDF: 2614.7/47

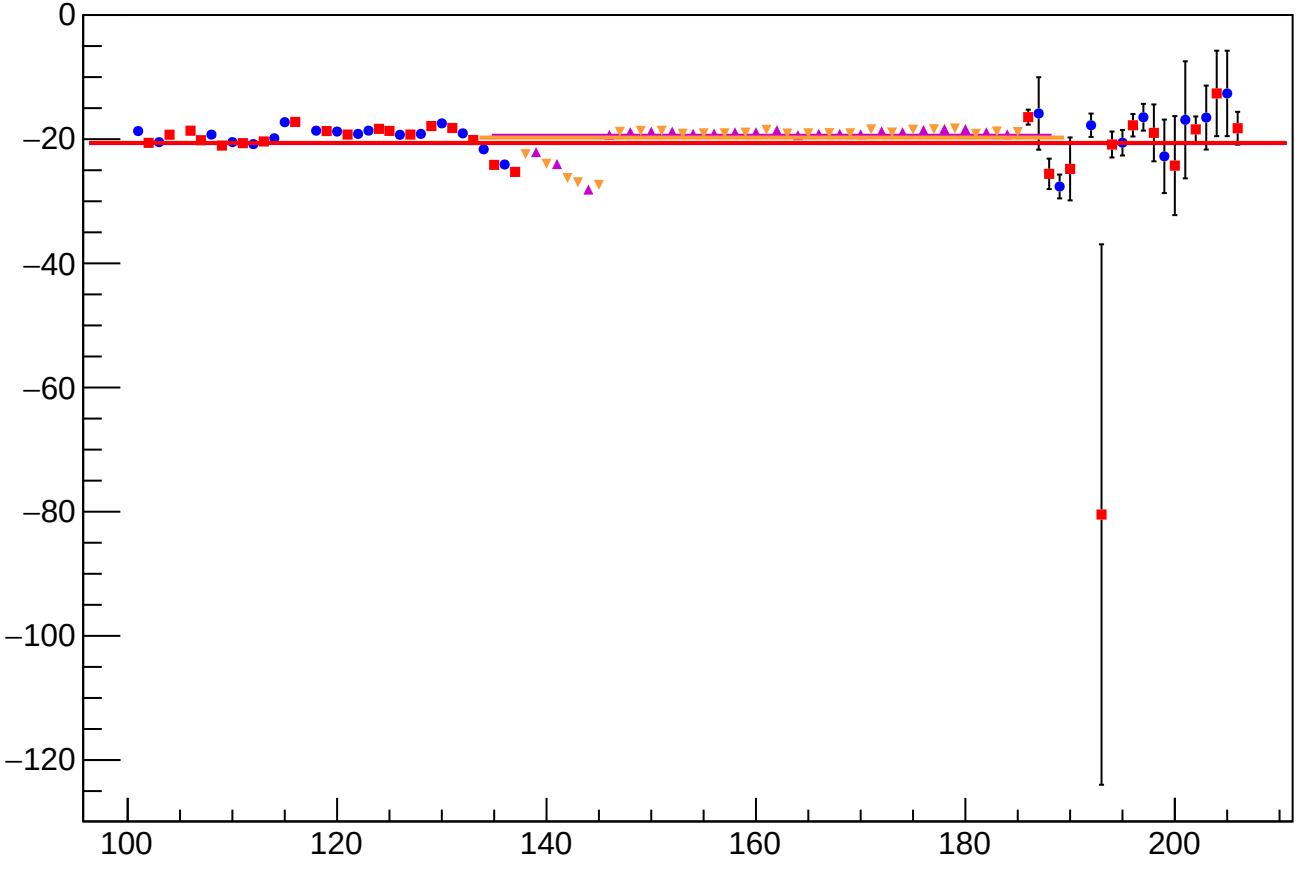
Right: 4.547+/-0.259 χ^2/NDF: 866.3/54

In: 8.963+/-0.154 χ^2/NDF:1697.0/48

Out: 8.718+/-0.153 χ^2/NDF:2117.1/53

All: 8.840+/-0.109 χ^2/NDF: 3815.4/102

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630+/-0.019 χ^2/NDF: 12512.8/25

Left Out: -19.738+/-0.008 χ^2/NDF:88495.2/24

Right Out: -20.601+/-0.019 χ^2/NDF: 11975.7/28

Left In: -19.448+/-0.008 χ^2/NDF:54039.2/22

Left: -19.593+/-0.006 χ^2/NDF: 143208.7/47

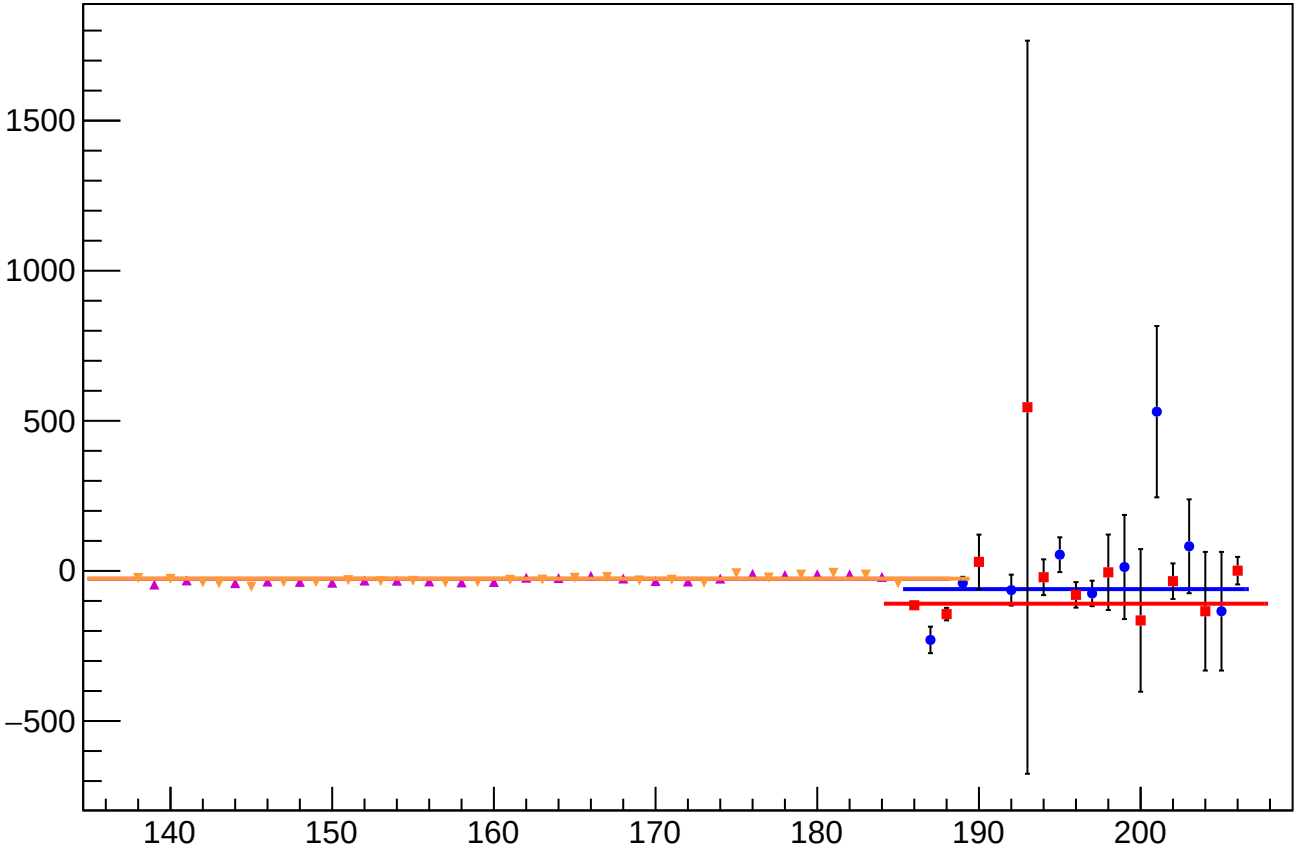
Right: -20.616+/-0.014 χ^2/NDF: 24489.7/54

In: -19.619+/-0.007 χ^2/NDF:69772.5/48

Out: -19.860+/-0.007 χ^2/NDF:102159.2/53

All: -19.740+/-0.005 χ^2/NDF: 172477.1/102

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -60.649+/-15.393 χ^2/NDF: 25.1/8

Left Out: -25.814+/-0.192 χ^2/NDF:4094.6/24

Right Out: -109.198+/-8.082 χ^2/NDF: 16.5/10

Left In: -26.200+/-0.194 χ^2/NDF:3344.6/22

Left: -26.005+/-0.137 χ^2/NDF: 7441.2/47

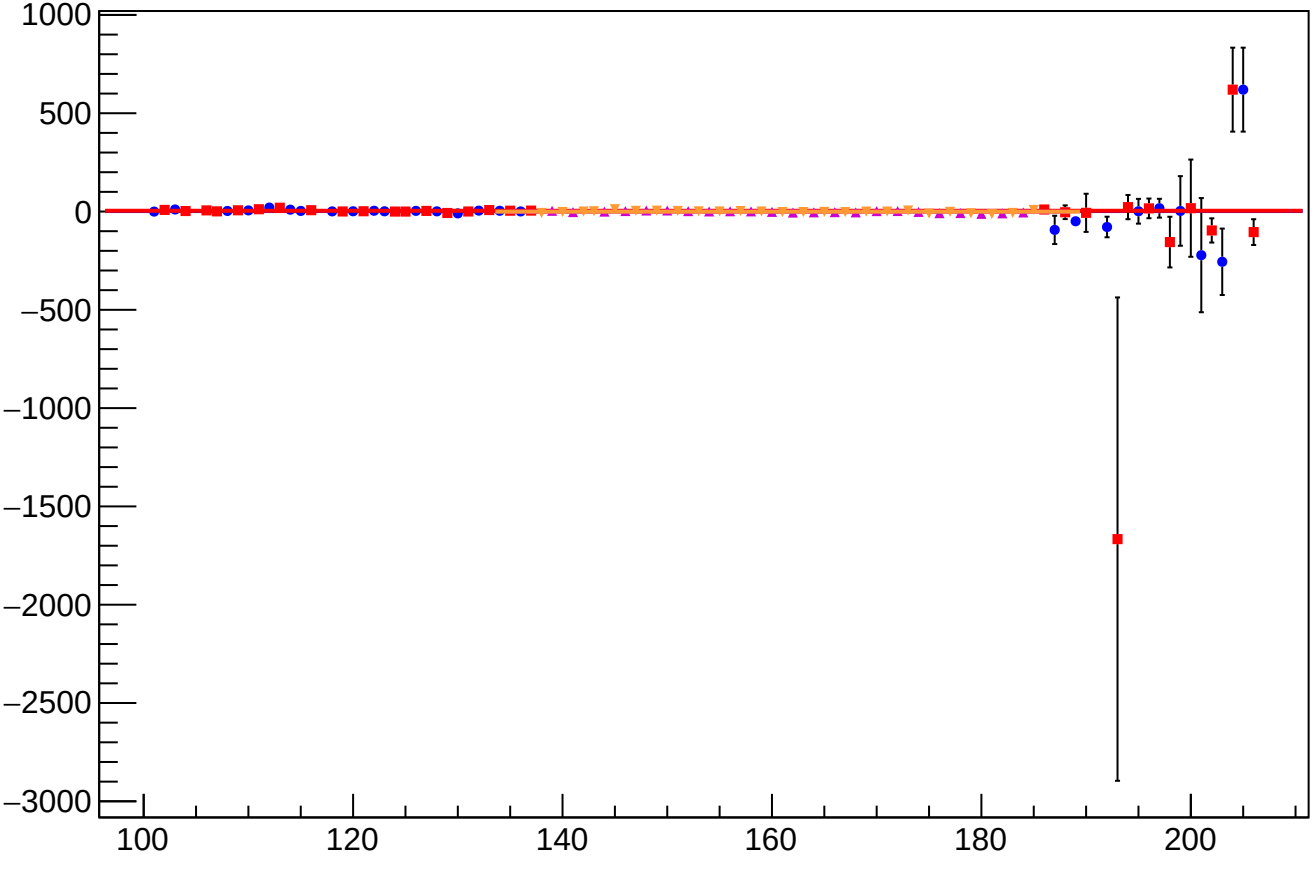
Right: -98.707+/-7.156 χ^2/NDF: 49.4/19

In: -26.206+/-0.194 χ^2/NDF:3374.8/31

Out: -25.861+/-0.192 χ^2/NDF:4217.5/35

All: -26.032+/-0.137 χ^2/NDF: 7593.8/67

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.435+/-0.311 χ^2/NDF: 313.8/25

Left Out: -0.625+/-0.147 χ^2/NDF:1303.5/24

Right Out: 3.858+/-0.327 χ^2/NDF: 286.5/28

Left In: -0.773+/-0.150 χ^2/NDF:1111.4/22

Left: -0.697+/-0.105 χ^2/NDF: 2415.4/47

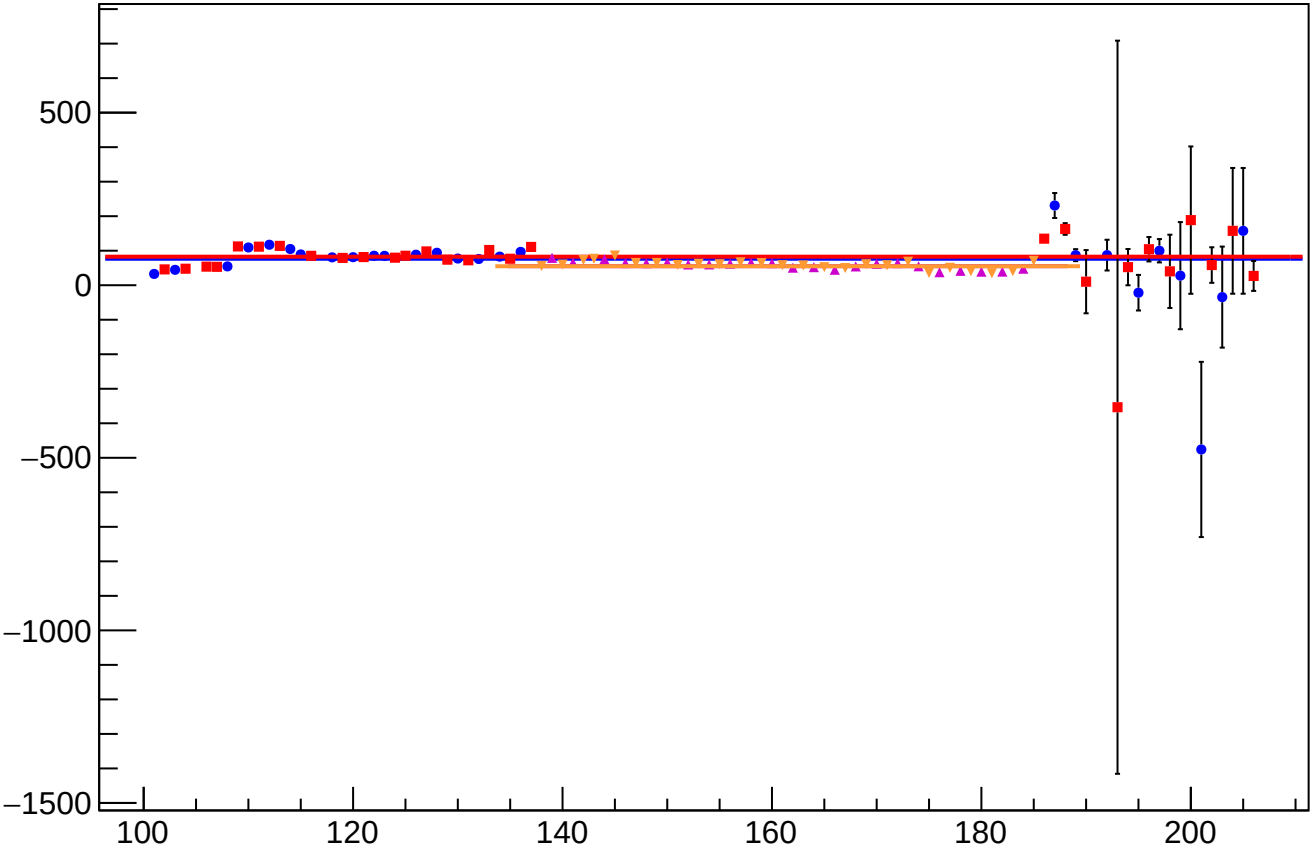
Right: 3.111+/-0.225 χ^2/NDF: 610.2/54

In: -0.167+/-0.135 χ^2/NDF:1511.4/48

Out: 0.126+/-0.134 χ^2/NDF:1746.4/53

All: -0.019+/-0.095 χ^2/NDF: 3260.2/102

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.729+/-0.573 χ^2/NDF: 2293.5/25

Left Out: 55.008+/-0.192 χ^2/NDF:4502.1/24

Right Out: 82.656+/-0.591 χ^2/NDF: 1624.4/28

Left In: 55.252+/-0.193 χ^2/NDF:3786.2/22

Left: 55.129+/-0.136 χ^2/NDF: 8289.0/47

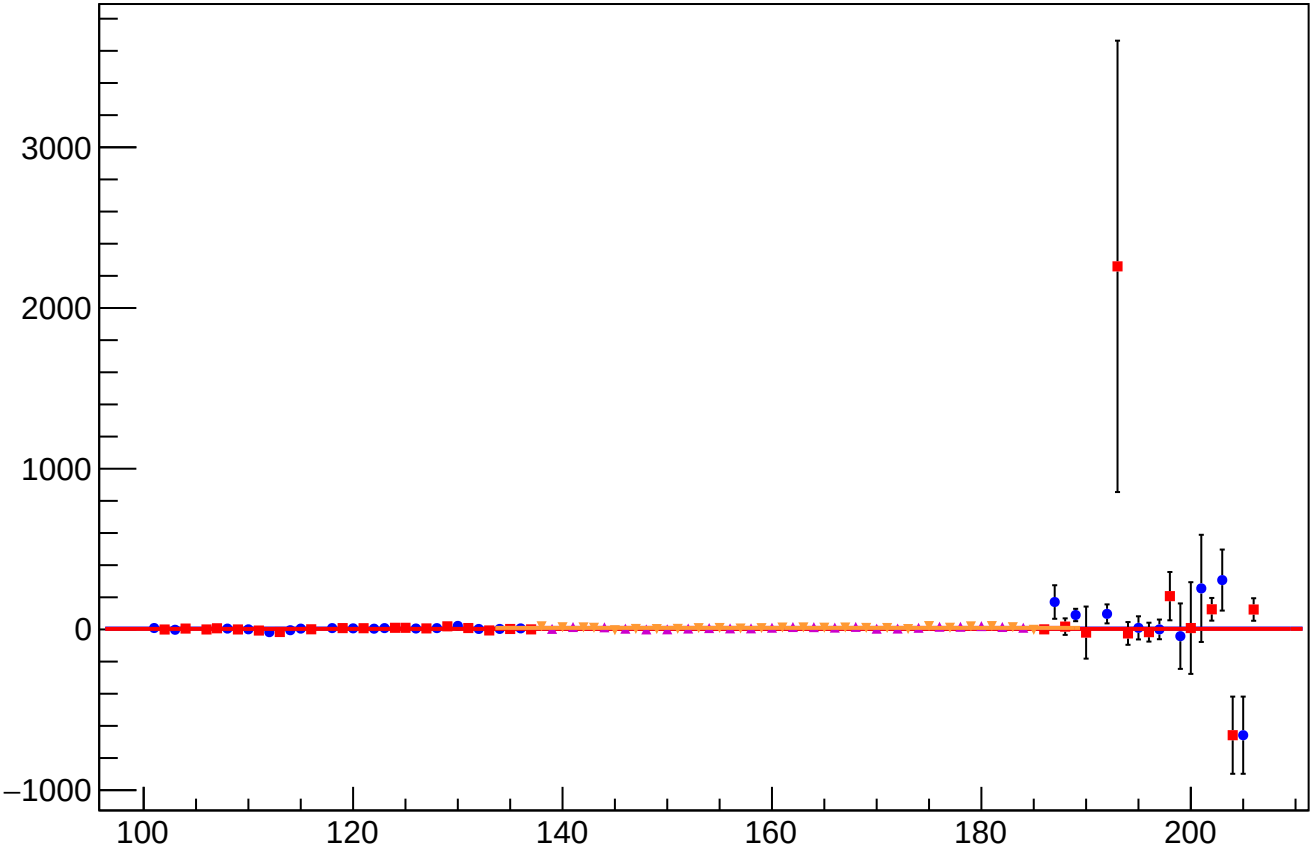
Right: 79.603+/-0.411 χ^2/NDF: 3969.8/54

In: 57.438+/-0.183 χ^2/NDF:7341.3/48

Out: 57.649+/-0.183 χ^2/NDF:8108.0/53

All: 57.544+/-0.129 χ^2/NDF: 15449.9/102

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.452+/-0.357 χ^2/NDF: 406.4/25

Left Out: 9.691+/-0.168 χ^2/NDF:1440.3/24

Right Out: 3.429+/-0.376 χ^2/NDF: 441.2/28

Left In: 9.708+/-0.171 χ^2/NDF:1198.0/22

Left: 9.699+/-0.120 χ^2/NDF: 2638.3/47

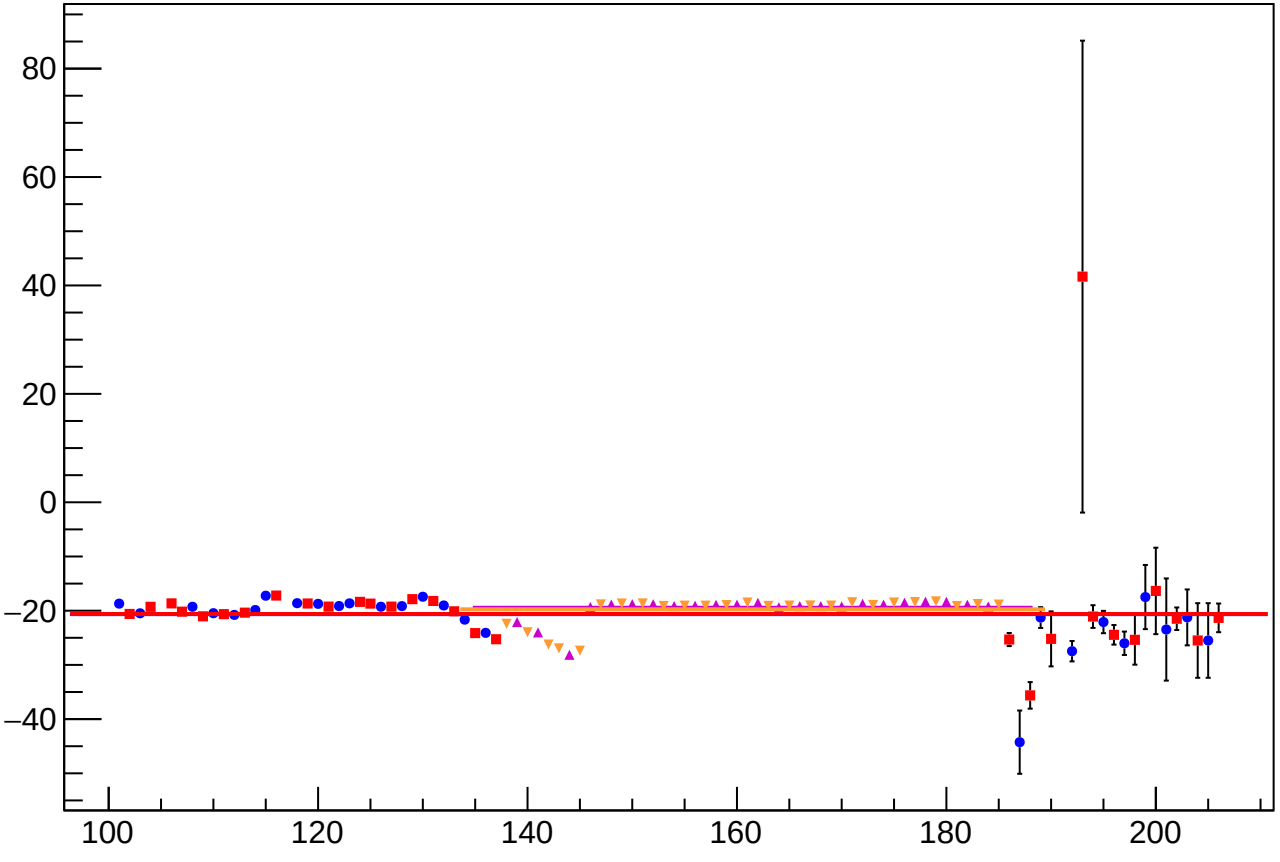
Right: 4.490+/-0.259 χ^2/NDF: 862.9/54

In: 8.913+/-0.155 χ^2/NDF:1719.8/48

Out: 8.644+/-0.154 χ^2/NDF:2113.0/53

All: 8.778+/-0.109 χ^2/NDF: 3834.3/102

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.633+/-0.019 χ^2/NDF: 12568.1/25

Left Out: -19.746+/-0.008 χ^2/NDF:88374.4/24

Right Out: -20.608+/-0.019 χ^2/NDF: 11962.7/28

Left In: -19.457+/-0.008 χ^2/NDF:53995.4/22

Left: -19.602+/-0.006 χ^2/NDF: 143036.3/47

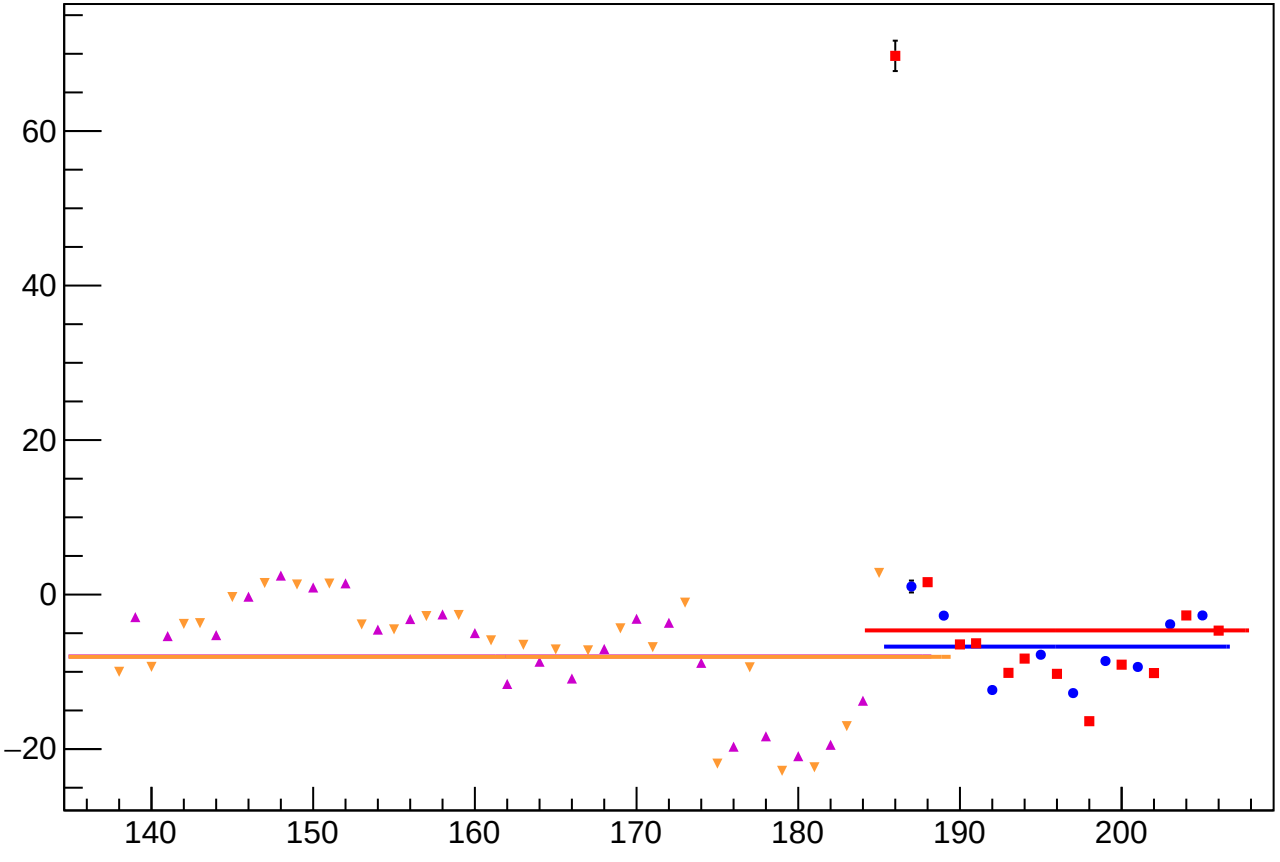
Right: -20.621+/-0.014 χ^2/NDF: 24531.7/54

In: -19.627+/-0.007 χ^2/NDF:69744.6/48

Out: -19.868+/-0.007 χ^2/NDF:102021.8/53

All: -19.748+/-0.005 χ^2/NDF: 172308.0/102

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.736+/-0.138 χ^2/NDF: 874.7/8

Left Out: -8.058+/-0.070 χ^2/NDF:12532.2/24

Right Out: -4.637+/-0.106 χ^2/NDF: 4013.6/11

Left In: -8.010+/-0.071 χ^2/NDF:10631.2/22

Left: -8.034+/-0.050 χ^2/NDF: 23163.6/47

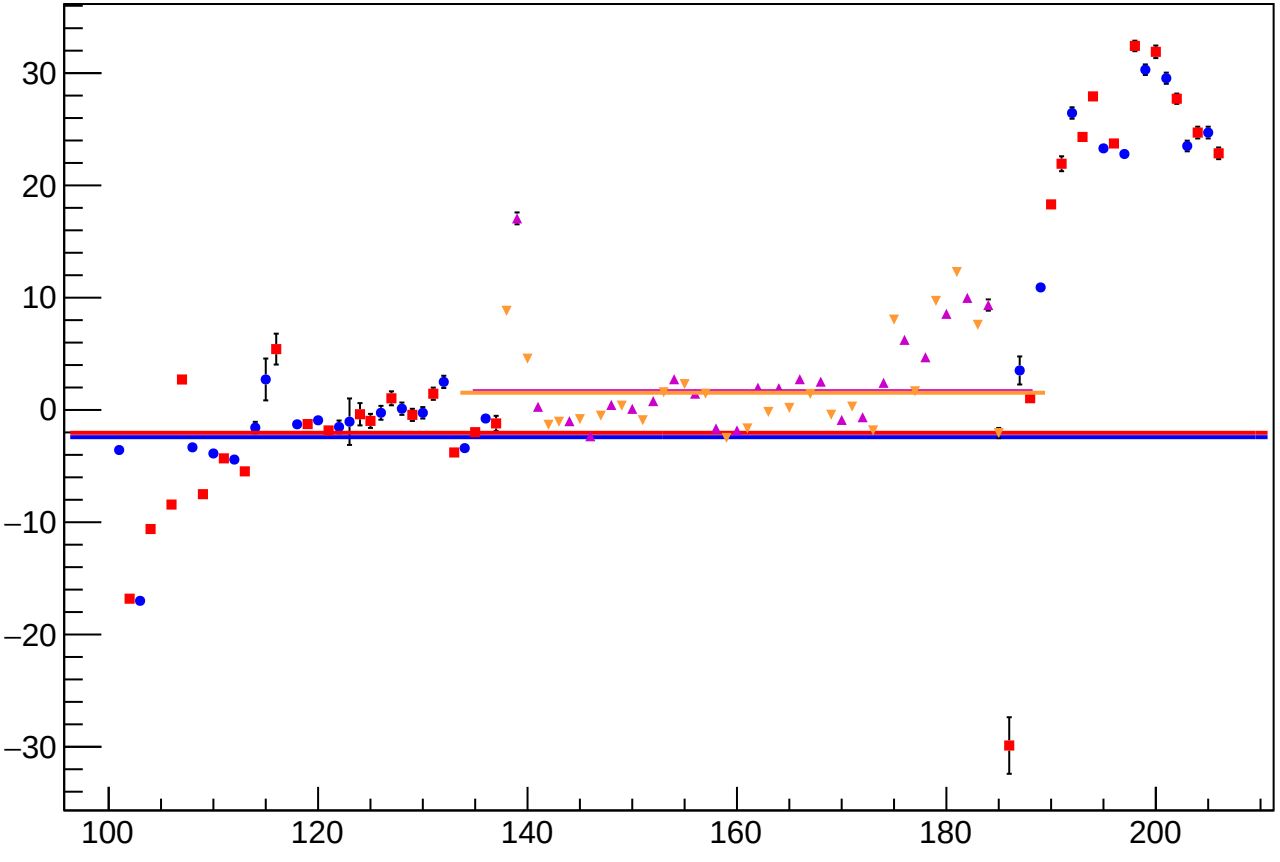
Right: -5.418+/-0.084 χ^2/NDF: 5033.9/20

In: -7.741+/-0.063 χ^2/NDF:11573.2/31

Out: -7.011+/-0.059 χ^2/NDF:17267.8/36

All: -7.347+/-0.043 χ^2/NDF: 28912.3/68

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.425+/-0.052 χ^2/NDF: 39128.7/25

Left Out: 1.535+/-0.055 χ^2/NDF:4816.7/24

Right Out: -2.033+/-0.054 χ^2/NDF: 53337.6/29

Left In: 1.673+/-0.056 χ^2/NDF:4106.3/22

Left: 1.602+/-0.039 χ^2/NDF: 8926.1/47

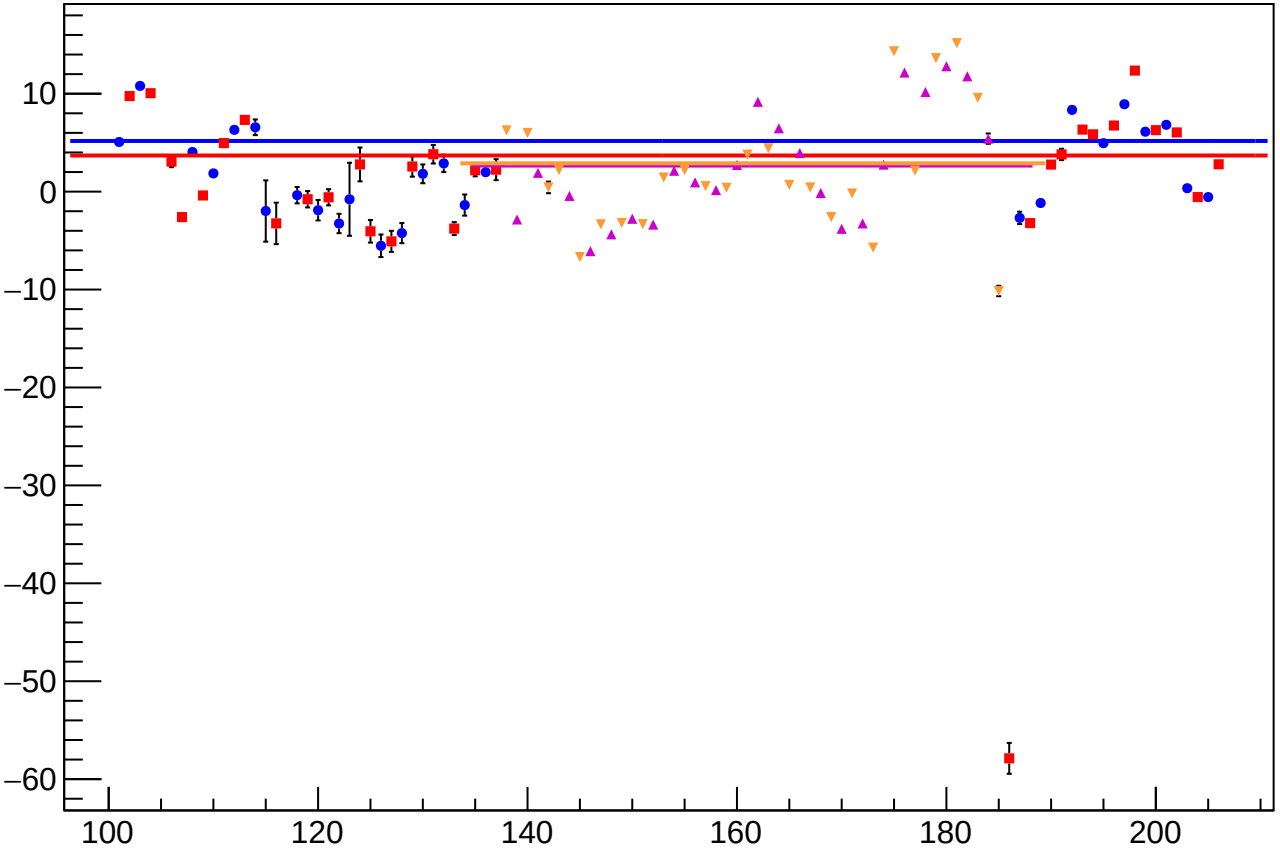
Right: -2.238+/-0.037 χ^2/NDF: 92493.6/55

In: -0.551+/-0.038 χ^2/NDF:46099.1/48

Out: -0.254+/-0.038 χ^2/NDF:60303.9/54

All: -0.404+/-0.027 χ^2/NDF: 106433.0/103

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.173+/-0.073 χ^2/NDF: 2657.4/25

Left Out: 2.891+/-0.070 χ^2/NDF:8889.4/24

Right Out: 3.690+/-0.067 χ^2/NDF: 7489.0/29

Left In: 2.663+/-0.071 χ^2/NDF:7308.8/22

Left: 2.778+/-0.050 χ^2/NDF: 16203.4/47

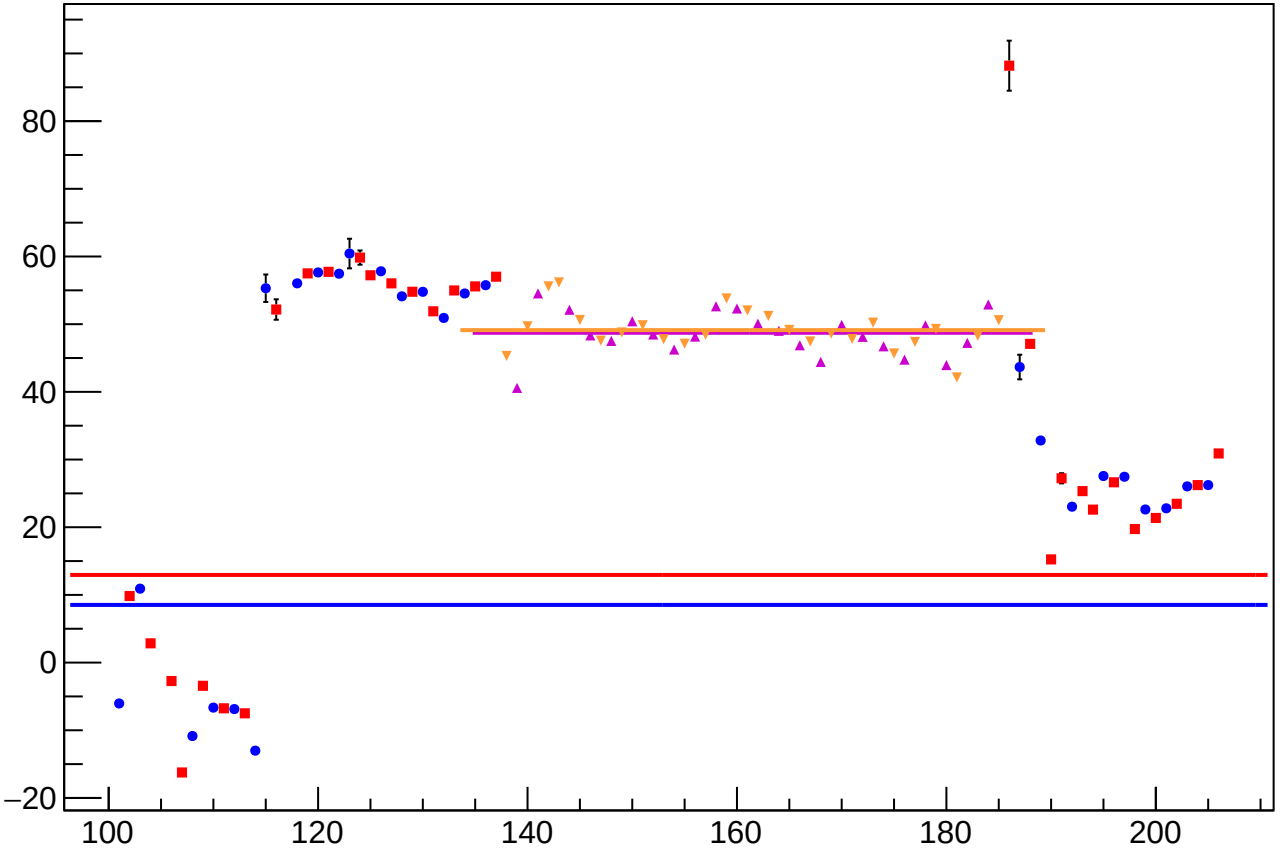
Right: 4.368+/-0.049 χ^2/NDF: 10371.0/55

In: 3.885+/-0.051 χ^2/NDF:10574.2/48

Out: 3.311+/-0.049 χ^2/NDF:16446.1/54

All: 3.584+/-0.035 χ^2/NDF: 27087.0/103

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.523+/-0.061 χ^2/NDF: 133712.0/25

Left Out: 49.121+/-0.062 χ^2/NDF:2165.4/24

Right Out: 12.951+/-0.065 χ^2/NDF: 135820.4/29

Left In: 48.731+/-0.064 χ^2/NDF:2117.7/22

Left: 48.931+/-0.044 χ^2/NDF: 4302.5/47

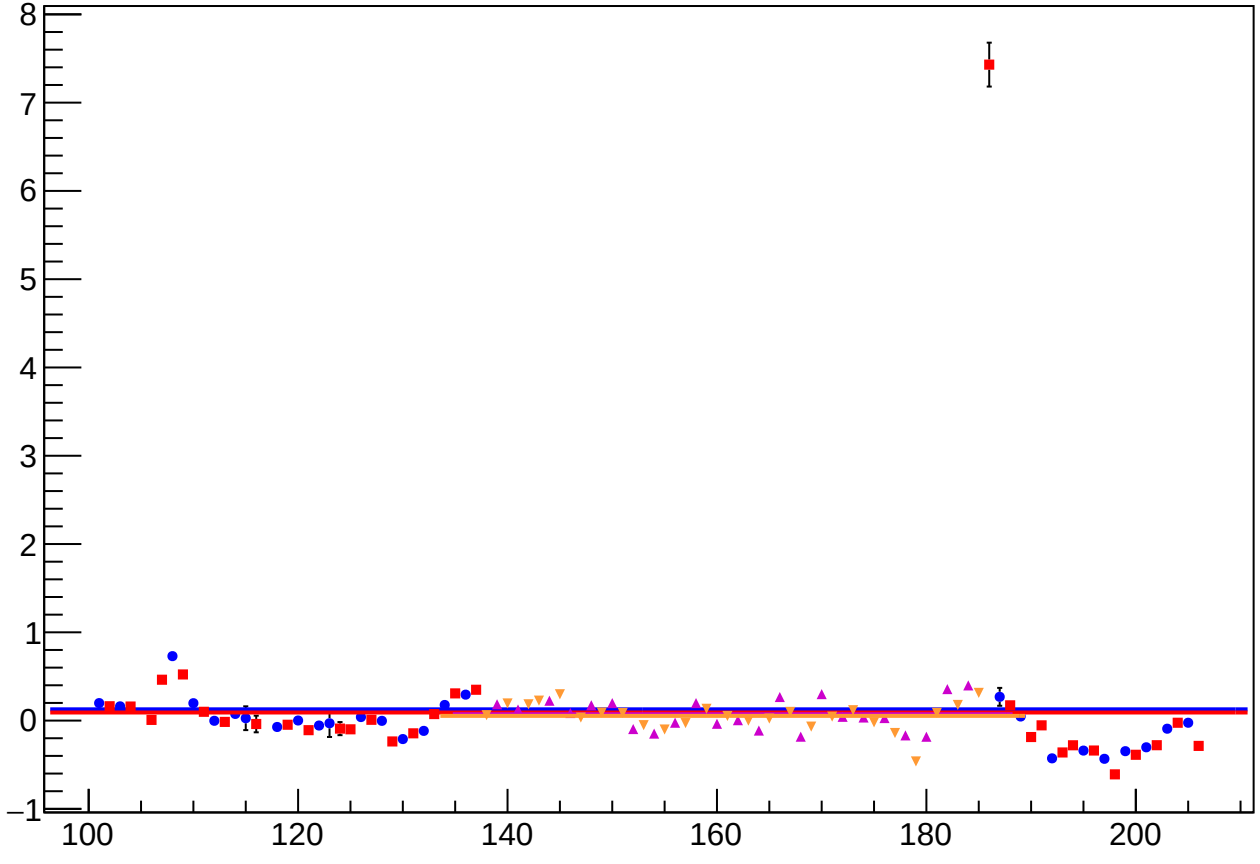
Right: 10.617+/-0.044 χ^2/NDF: 272008.1/55

In: 27.864+/-0.044 χ^2/NDF:343528.1/48

Out: 31.816+/-0.045 χ^2/NDF:301443.7/54

All: 29.813+/-0.031 χ^2/NDF: 648934.5/103

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128+/-0.003 χ^2/NDF: 10304.4/25

Left Out: 0.053+/-0.003 χ^2/NDF:2369.3/24

Right Out: 0.092+/-0.002 χ^2/NDF: 11138.1/29

Left In: 0.072+/-0.003 χ^2/NDF:3272.0/22

Left: 0.063+/-0.002 χ^2/NDF: 5662.5/47

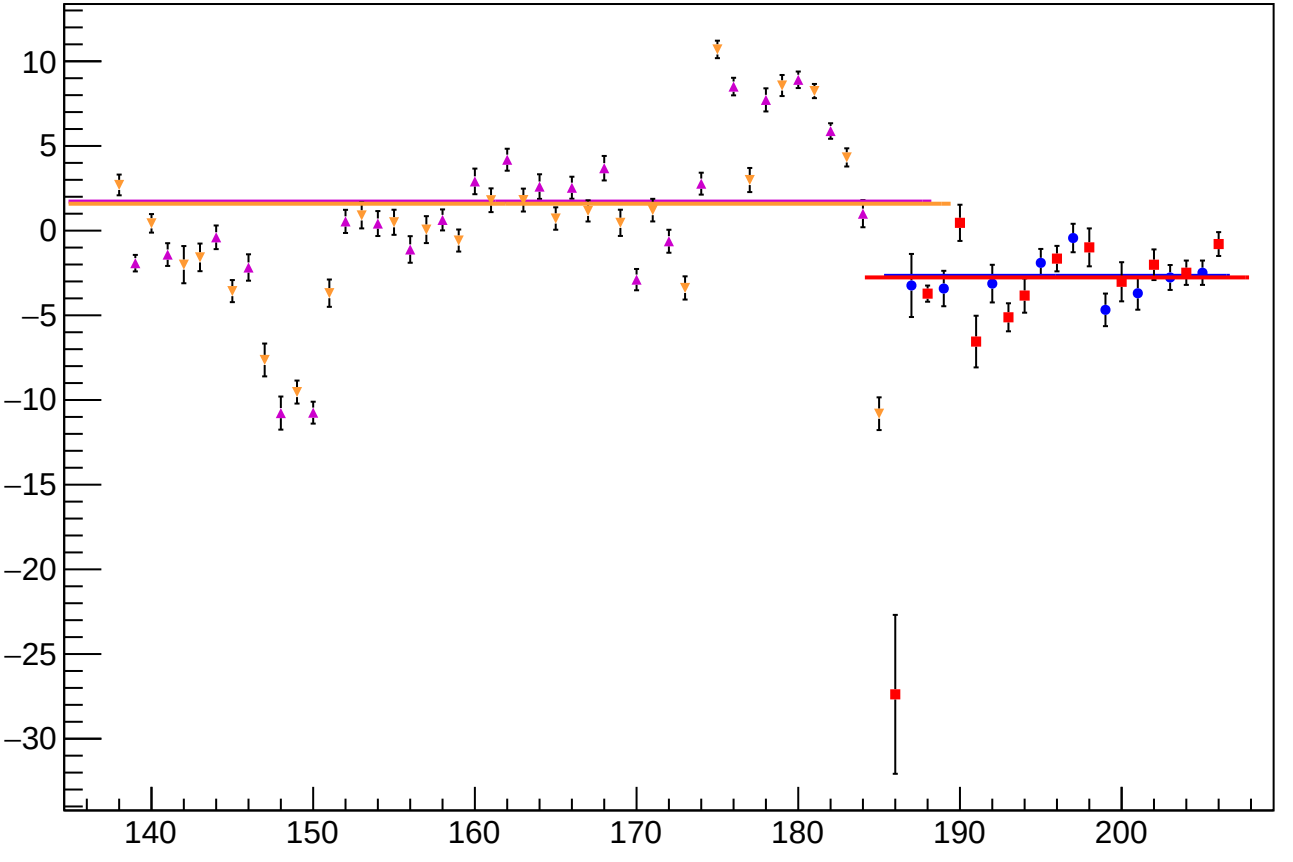
Right: 0.109+/-0.002 χ^2/NDF: 21548.4/55

In: 0.103+/-0.002 χ^2/NDF:13791.8/48

Out: 0.076+/-0.002 χ^2/NDF:13612.6/54

All: 0.089+/-0.001 χ^2/NDF: 27515.1/103

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.669+/-0.304 χ^2/NDF: 14.3/8

Left Out: 1.590+/-0.133 χ^2/NDF:1457.4/24

Right Out: -2.762+/-0.245 χ^2/NDF: 69.4/11

Left In: 1.715+/-0.134 χ^2/NDF:1313.5/22

Left: 1.652+/-0.094 χ^2/NDF: 2771.4/47

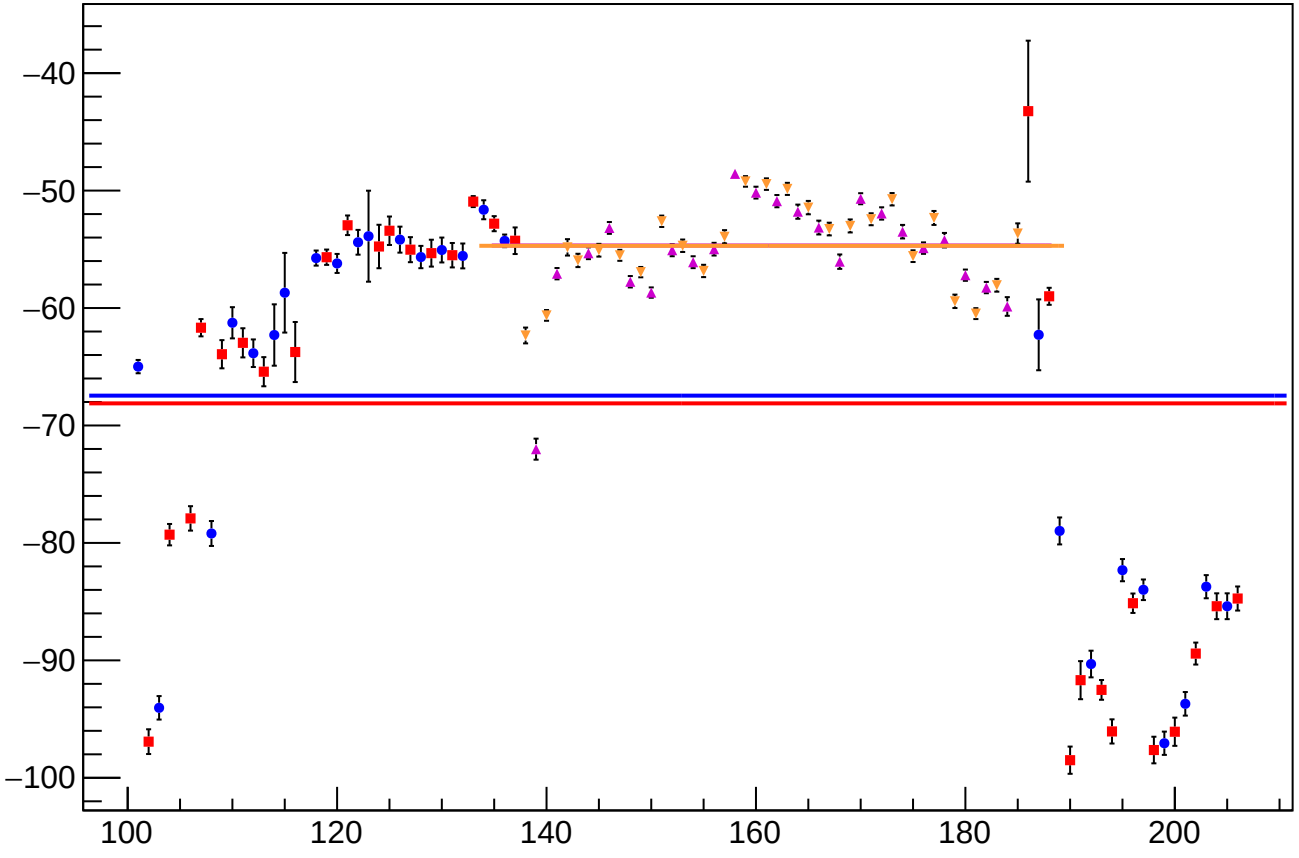
Right: -2.726+/-0.191 χ^2/NDF: 83.8/20

In: 1.000+/-0.123 χ^2/NDF:1502.0/31

Out: 0.599+/-0.117 χ^2/NDF:1770.8/36

All: 0.790+/-0.085 χ^2/NDF: 3278.4/68

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -67.459+/-0.189 χ^2/NDF: 6348.3/25

Left Out: -54.701+/-0.106 χ^2/NDF:1124.5/24

Right Out: -68.118+/-0.173 χ^2/NDF: 9801.0/29

Left In: -54.677+/-0.109 χ^2/NDF:1140.6/22

Left: -54.689+/-0.076 χ^2/NDF: 2265.1/47

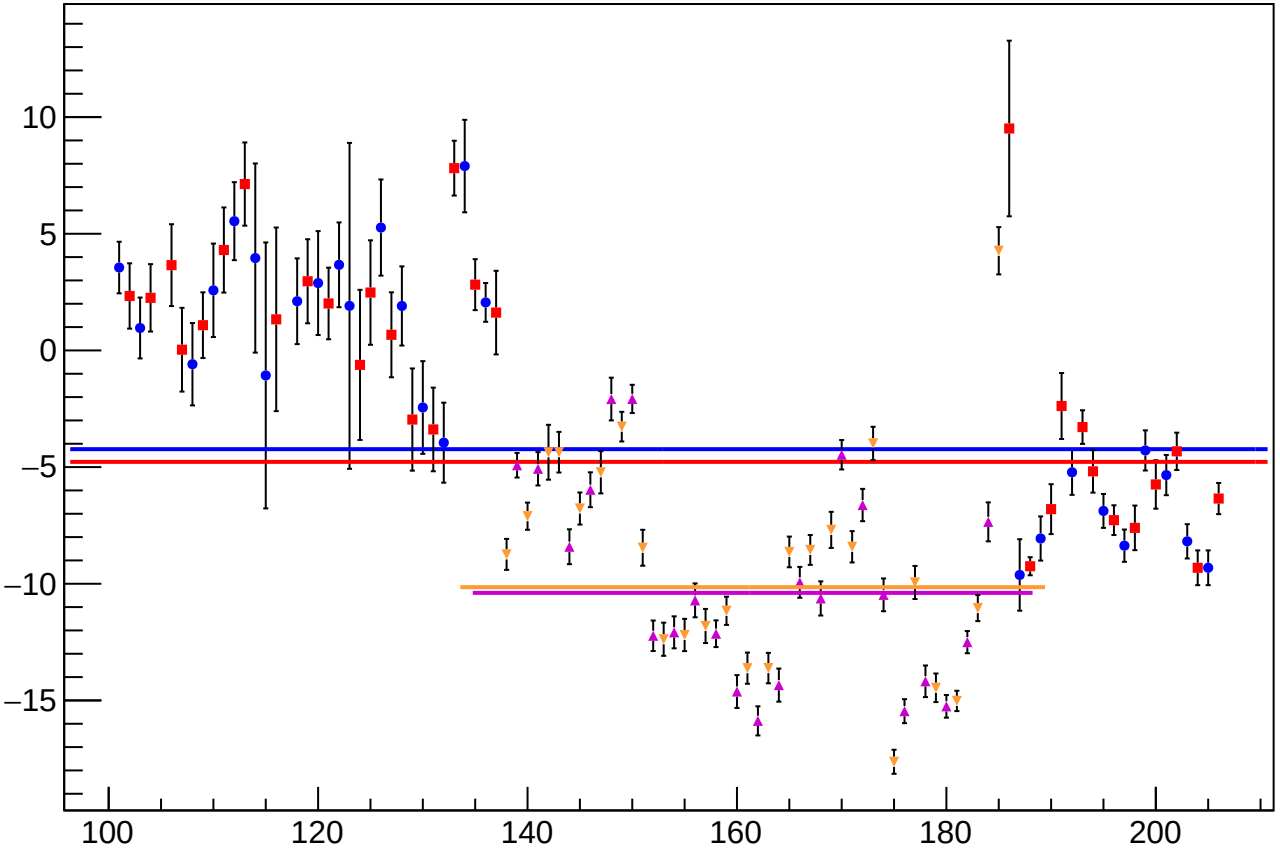
Right: -67.817+/-0.128 χ^2/NDF: 16155.9/55

In: -57.892+/-0.095 χ^2/NDF:10918.3/48

Out: -58.359+/-0.090 χ^2/NDF:15295.3/54

All: -58.136+/-0.065 χ^2/NDF: 26226.3/103

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.232+/-0.229 χ^2/NDF: 447.4/25

Left Out: -10.146+/-0.133 χ^2/NDF:1051.2/24

Right Out: -4.776+/-0.189 χ^2/NDF: 632.0/29

Left In: -10.391+/-0.134 χ^2/NDF:1024.8/22

Left: -10.268+/-0.094 χ^2/NDF: 2077.6/47

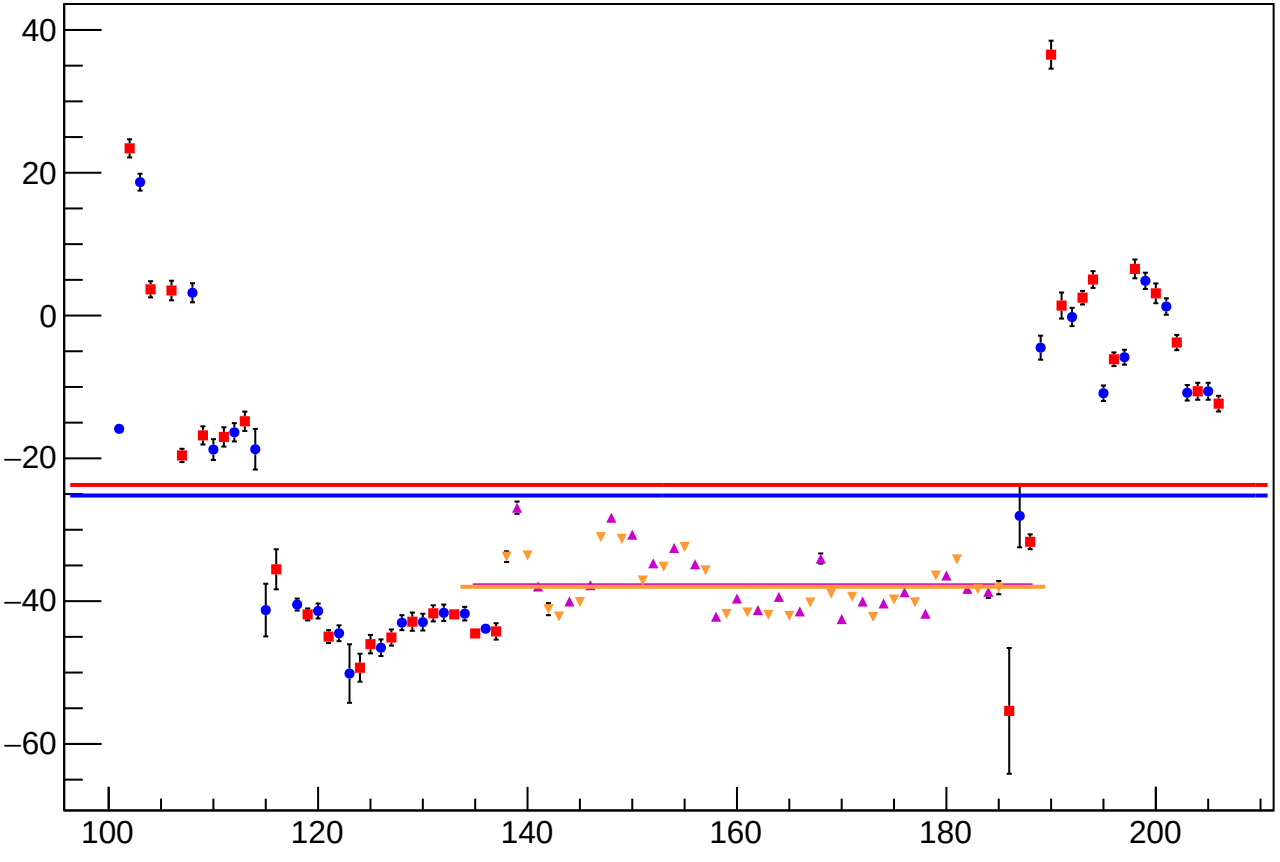
Right: -4.555+/-0.146 χ^2/NDF: 1082.7/55

In: -8.825+/-0.115 χ^2/NDF:2011.4/48

Out: -8.372+/-0.109 χ^2/NDF:2221.2/54

All: -8.585+/-0.079 χ^2/NDF: 4240.7/103

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.206+/-0.216 χ^2/NDF: 8165.4/25

Left Out: -37.983+/-0.119 χ^2/NDF:936.9/24

Right Out: -23.722+/-0.202 χ^2/NDF: 11515.0/29

Left In: -37.784+/-0.122 χ^2/NDF:1079.7/22

Left: -37.886+/-0.085 χ^2/NDF: 2018.0/47

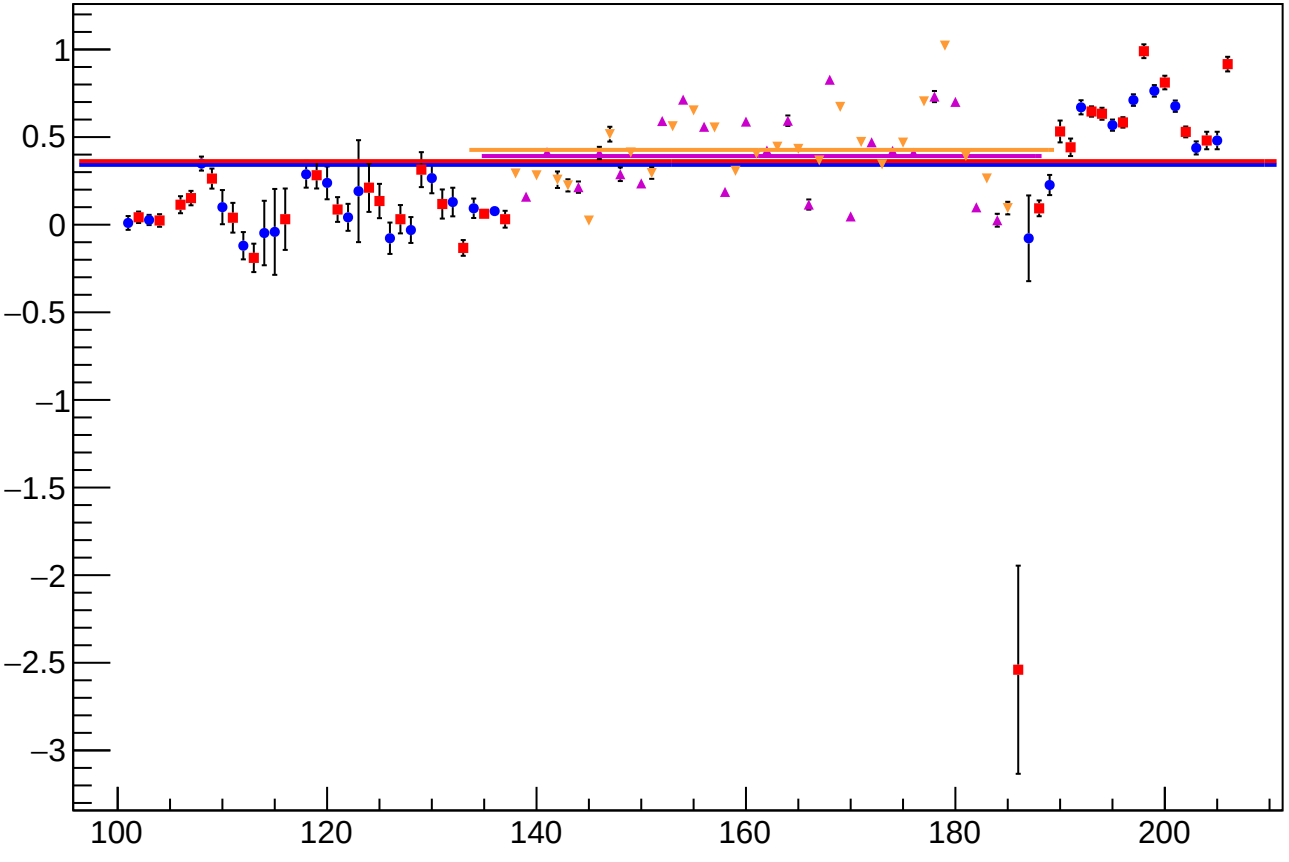
Right: -24.411+/-0.147 χ^2/NDF: 19705.6/55

In: -34.753+/-0.106 χ^2/NDF:11810.6/48

Out: -34.296+/-0.102 χ^2/NDF:16165.3/54

All: -34.516+/-0.074 χ^2/NDF: 27985.5/103

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.342+/-0.009 χ^2/NDF: 1002.5/25

Left Out: 0.427+/-0.005 χ^2/NDF:1293.3/24

Right Out: 0.363+/-0.008 χ^2/NDF: 1530.7/29

Left In: 0.392+/-0.005 χ^2/NDF:1835.6/22

Left: 0.409+/-0.004 χ^2/NDF: 3150.1/47

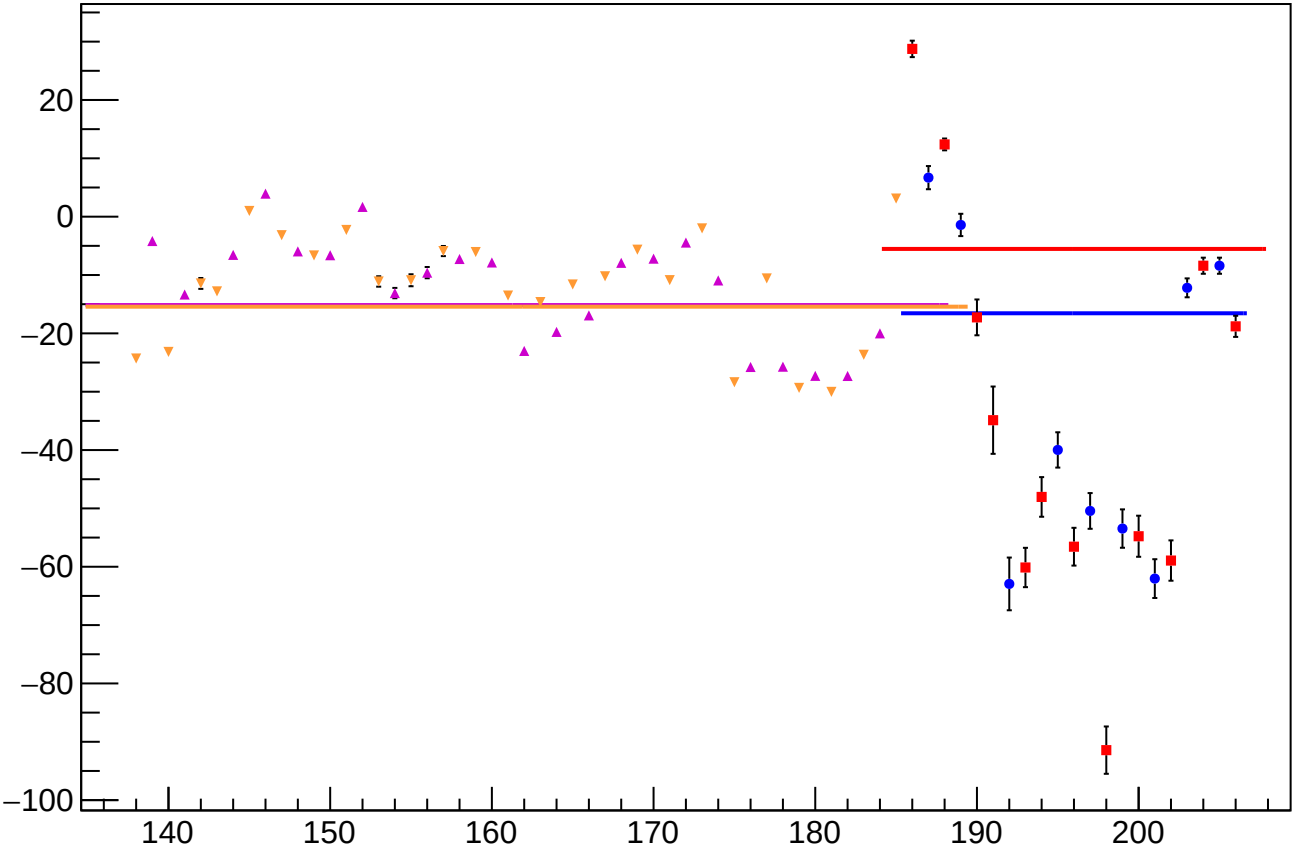
Right: 0.353+/-0.006 χ^2/NDF: 2536.2/55

In: 0.379+/-0.005 χ^2/NDF:2860.8/48

Out: 0.408+/-0.005 χ^2/NDF:2865.5/54

All: 0.394+/-0.003 χ^2/NDF: 5746.6/103

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.557+/-0.729 χ^2/NDF: 842.6/8

Left Out: -15.427+/-0.105 χ^2/NDF:10499.6/24

Right Out: -5.527+/-0.583 χ^2/NDF: 2553.5/11

Left In: -15.151+/-0.106 χ^2/NDF:8744.3/22

Left: -15.290+/-0.075 χ^2/NDF: 19247.4/47

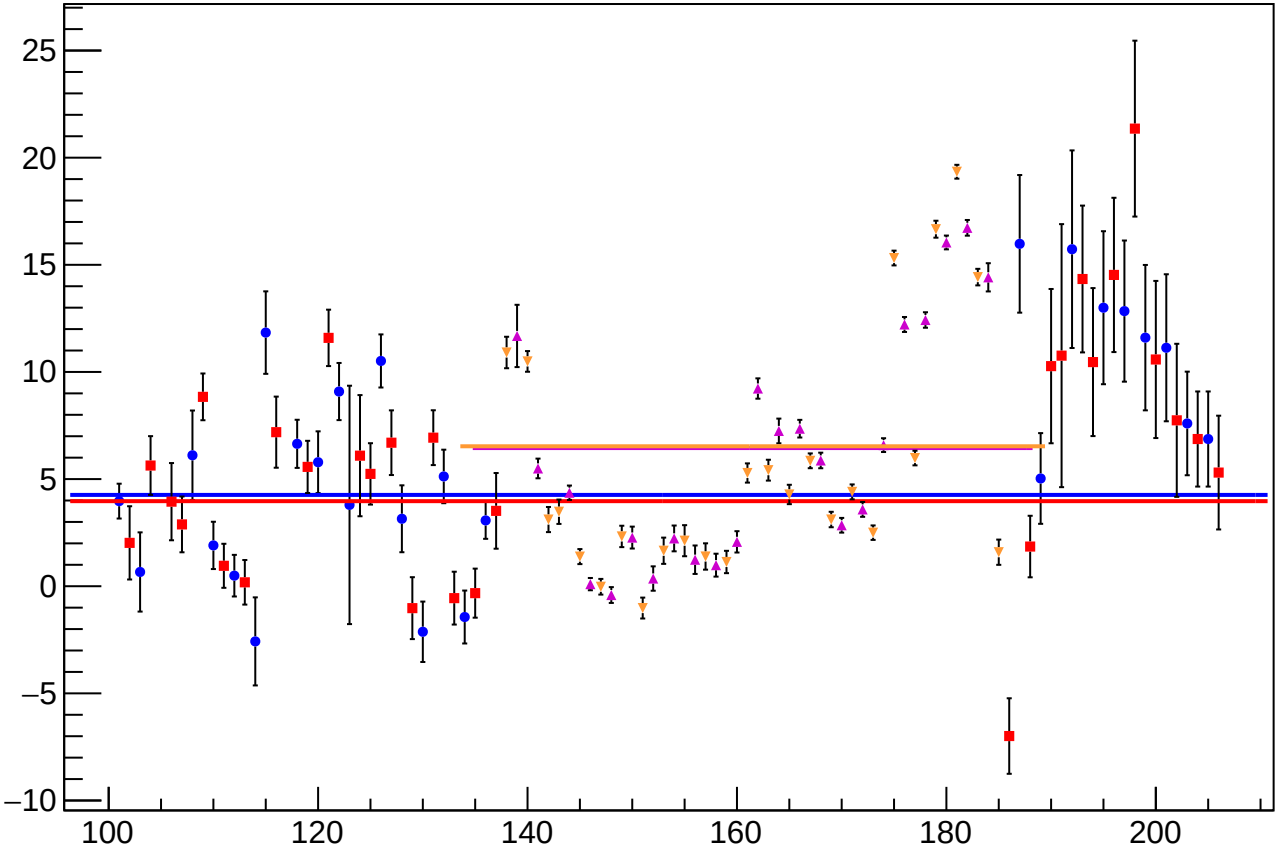
Right: -9.830+/-0.455 χ^2/NDF: 3535.7/20

In: -15.180+/-0.105 χ^2/NDF:9590.6/31

Out: -15.114+/-0.104 χ^2/NDF:13332.2/36

All: -15.147+/-0.074 χ^2/NDF: 22923.0/68

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.262+/-0.294 χ^2/NDF: 184.2/25

Left Out: 6.531+/-0.086 χ^2/NDF:4969.5/24

Right Out: 3.970+/-0.292 χ^2/NDF: 224.5/29

Left In: 6.448+/-0.086 χ^2/NDF:3955.6/22

Left: 6.490+/-0.061 χ^2/NDF: 8925.6/47

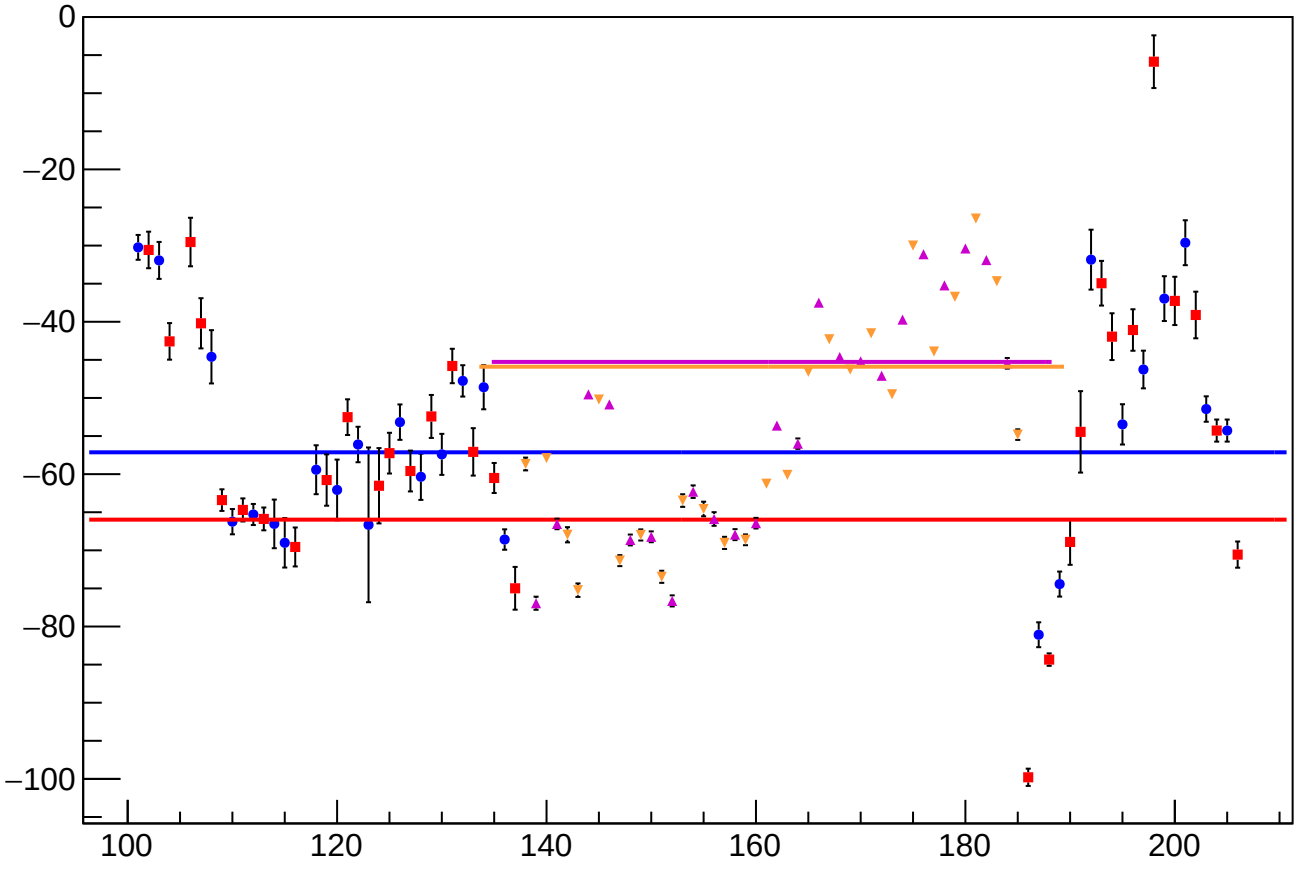
Right: 4.115+/-0.207 χ^2/NDF: 409.2/55

In: 6.276+/-0.082 χ^2/NDF:4190.8/48

Out: 6.329+/-0.082 χ^2/NDF:5264.7/54

All: 6.303+/-0.058 χ^2/NDF: 9455.7/103

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -57.134+/-0.423 χ^2/NDF: 1127.5/25

Left Out: -45.897+/-0.106 χ^2/NDF:17133.8/24

Right Out: -65.973+/-0.369 χ^2/NDF: 2885.6/29

Left In: -45.268+/-0.107 χ^2/NDF:15775.7/22

Left: -45.584+/-0.075 χ^2/NDF: 32927.0/47

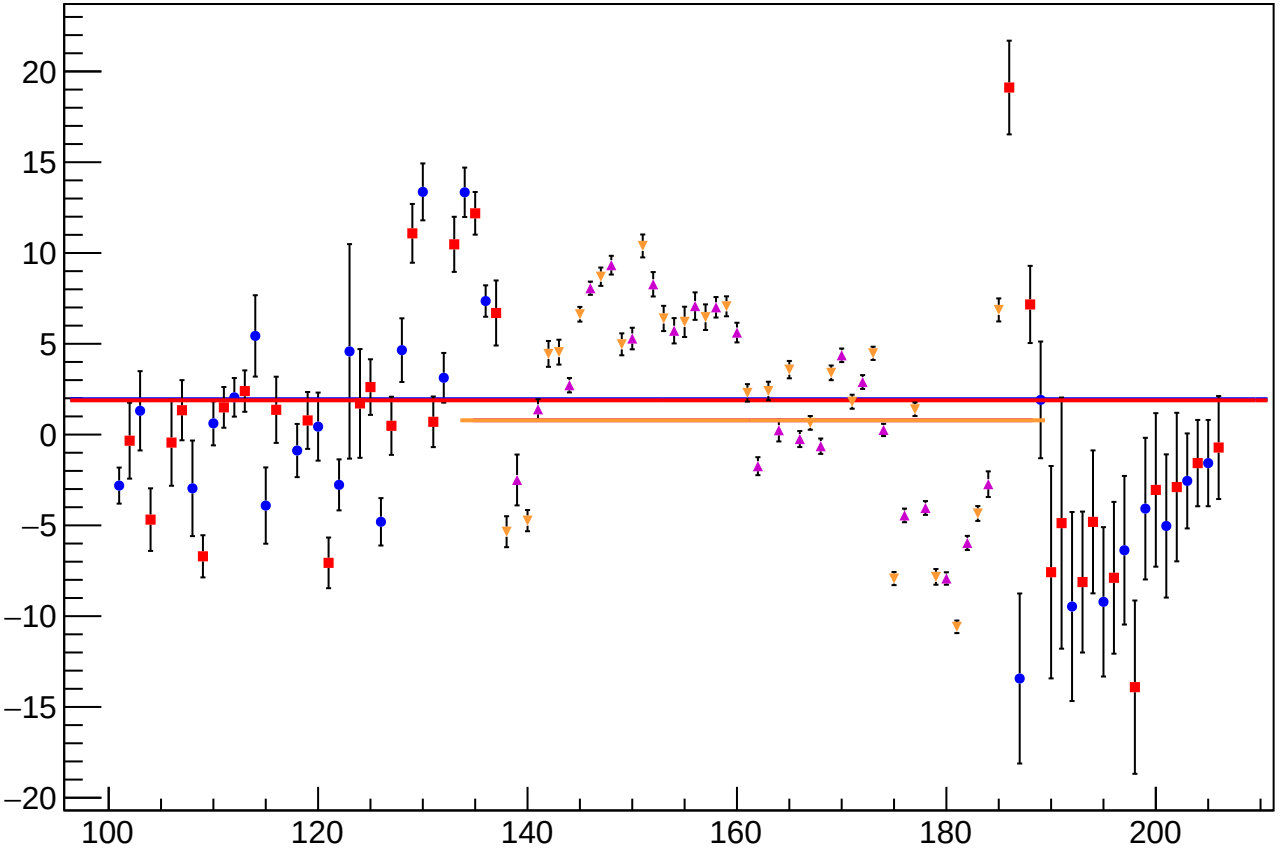
Right: -62.157+/-0.278 χ^2/NDF: 4261.2/55

In: -45.978+/-0.104 χ^2/NDF:17642.9/48

Out: -47.439+/-0.102 χ^2/NDF:22756.4/54

All: -46.718+/-0.073 χ^2/NDF: 40500.2/103

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.947+/-0.331 χ^2/NDF: 283.6/25

Left Out: 0.787+/-0.096 χ^2/NDF:3746.7/24

Right Out: 1.888+/-0.333 χ^2/NDF: 349.7/29

Left In: 0.791+/-0.096 χ^2/NDF:2697.7/22

Left: 0.789+/-0.068 χ^2/NDF: 6444.4/47

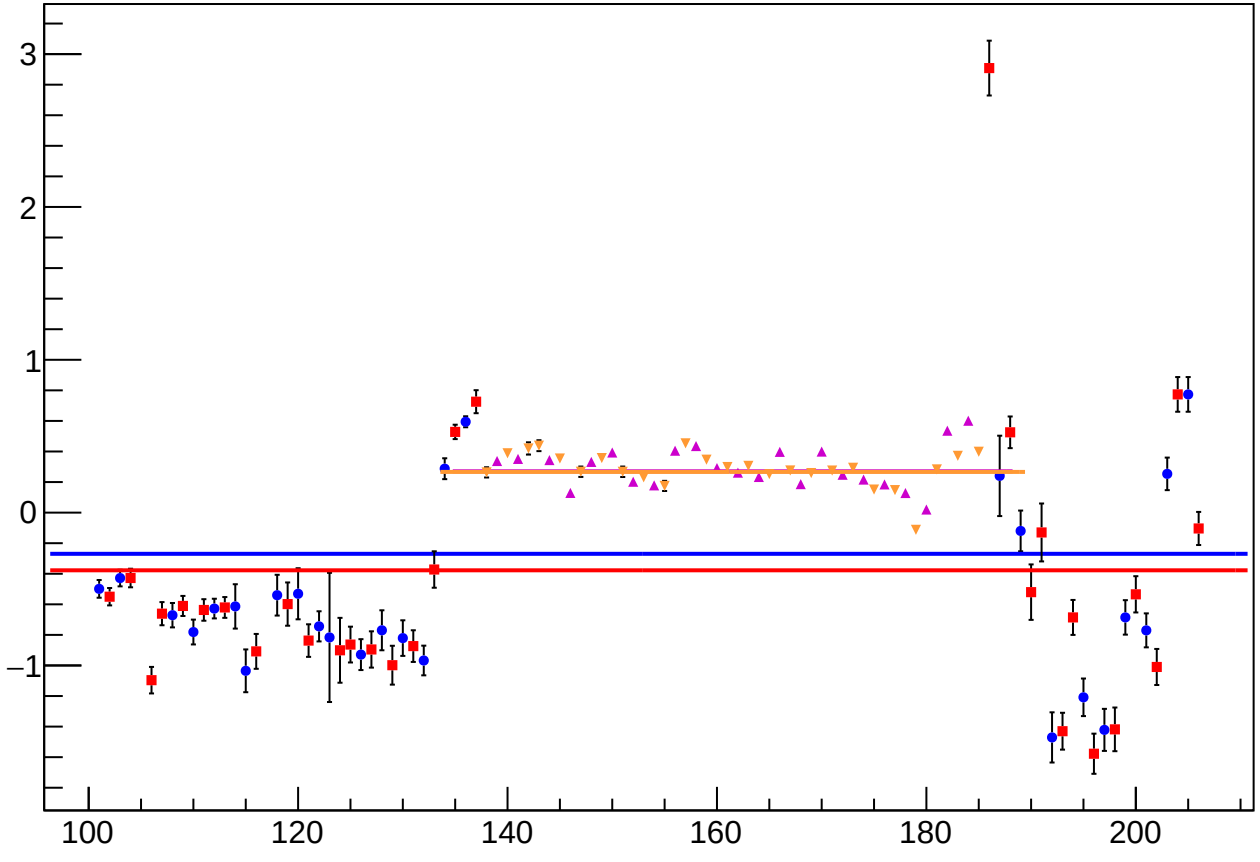
Right: 1.917+/-0.235 χ^2/NDF: 633.3/55

In: 0.881+/-0.092 χ^2/NDF:2992.6/48

Out: 0.870+/-0.092 χ^2/NDF:4106.5/54

All: 0.876+/-0.065 χ^2/NDF: 7099.0/103

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.269+/-0.017 χ^2/NDF: 1291.4/25

Left Out: 0.266+/-0.004 χ^2/NDF:698.1/24

Right Out: -0.377+/-0.017 χ^2/NDF: 1621.3/29

Left In: 0.270+/-0.004 χ^2/NDF:973.5/22

Left: 0.268+/-0.003 χ^2/NDF: 1672.0/47

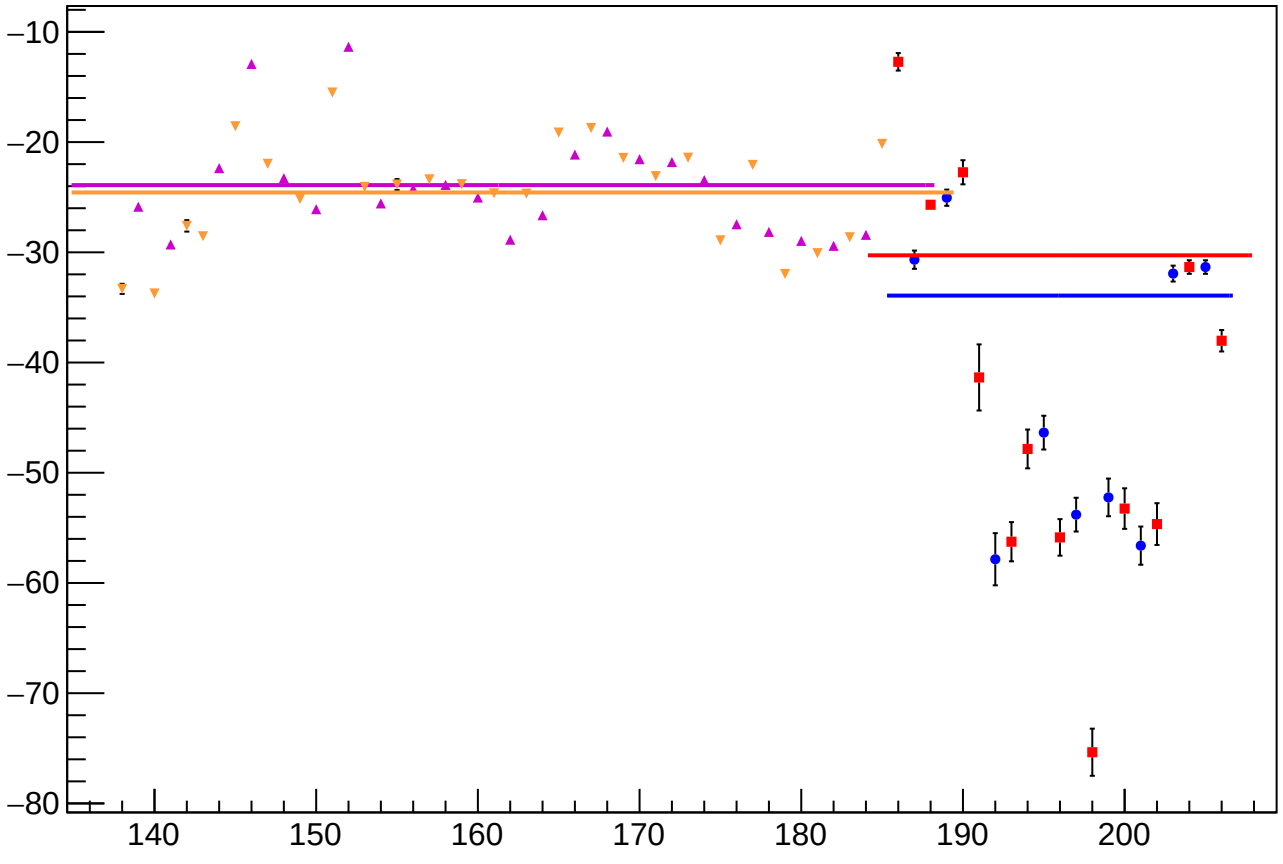
Right: -0.325+/-0.012 χ^2/NDF: 2932.7/55

In: 0.237+/-0.004 χ^2/NDF:3184.2/48

Out: 0.226+/-0.004 χ^2/NDF:3682.9/54

All: 0.232+/-0.003 χ^2/NDF: 6870.6/103

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.928+/-0.323 χ^2/NDF: 809.5/8

Left Out: -24.571+/-0.051 χ^2/NDF:8610.0/24

Right Out: -30.273+/-0.273 χ^2/NDF: 2048.2/11

Left In: -23.902+/-0.051 χ^2/NDF:9158.9/22

Left: -24.236+/-0.036 χ^2/NDF: 17855.2/47

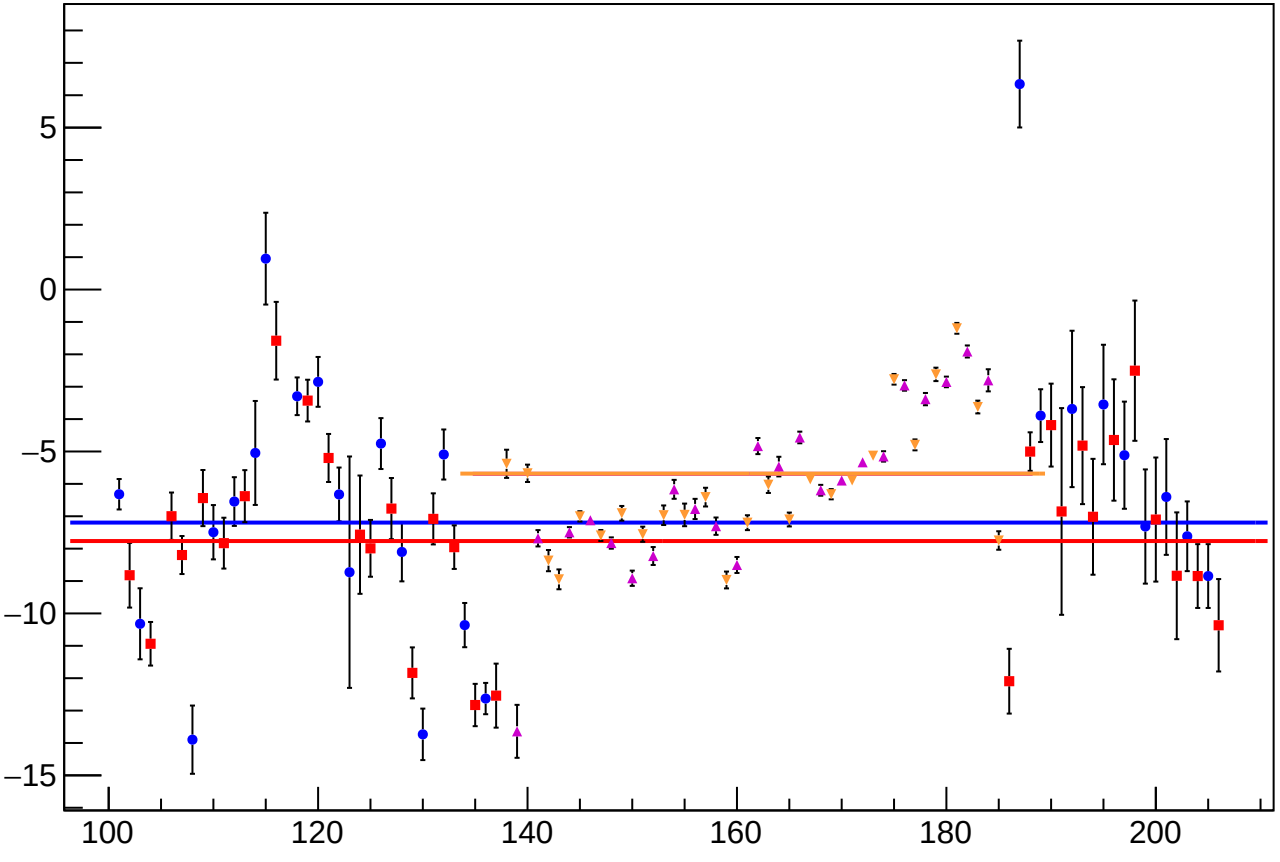
Right: -31.795+/-0.209 χ^2/NDF: 2932.3/20

In: -24.144+/-0.050 χ^2/NDF:10908.0/31

Out: -24.763+/-0.050 χ^2/NDF:11079.8/36

All: -24.455+/-0.035 χ^2/NDF: 22063.8/68

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.195+/-0.170 χ^2/NDF: 528.8/25

Left Out: -5.683+/-0.041 χ^2/NDF:2231.0/24

Right Out: -7.765+/-0.165 χ^2/NDF: 290.9/29

Left In: -5.690+/-0.041 χ^2/NDF:2328.2/22

Left: -5.686+/-0.029 χ^2/NDF: 4559.2/47

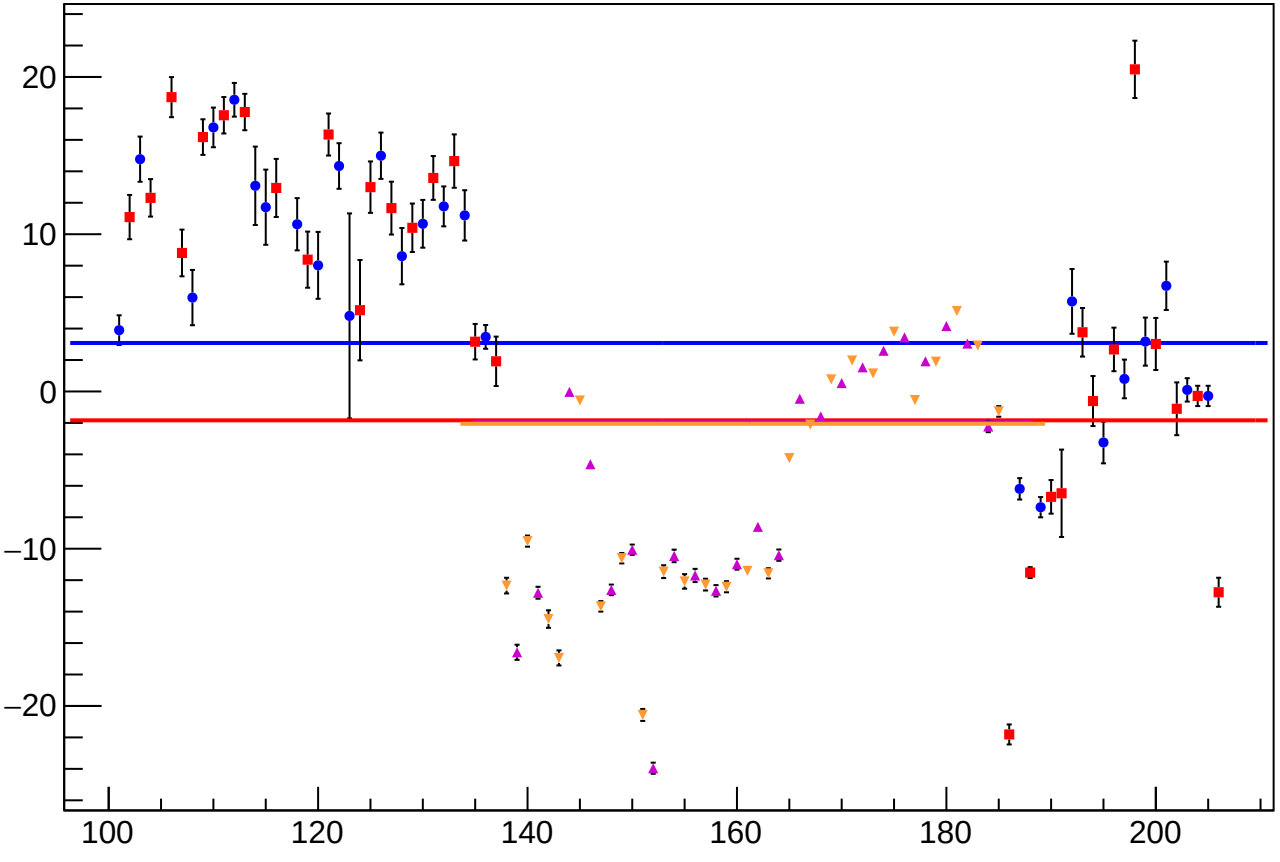
Right: -7.489+/-0.119 χ^2/NDF: 825.5/55

In: -5.771+/-0.039 χ^2/NDF:2930.9/48

Out: -5.804+/-0.040 χ^2/NDF:2671.4/54

All: -5.787+/-0.028 χ^2/NDF: 5602.6/103

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.084+/-0.224 χ^2/NDF: 1210.2/25

Left Out: -2.055+/-0.051 χ^2/NDF:16042.5/24

Right Out: -1.835+/-0.193 χ^2/NDF: 4212.9/29

Left In: -1.963+/-0.051 χ^2/NDF:15492.9/22

Left: -2.009+/-0.036 χ^2/NDF: 31537.0/47

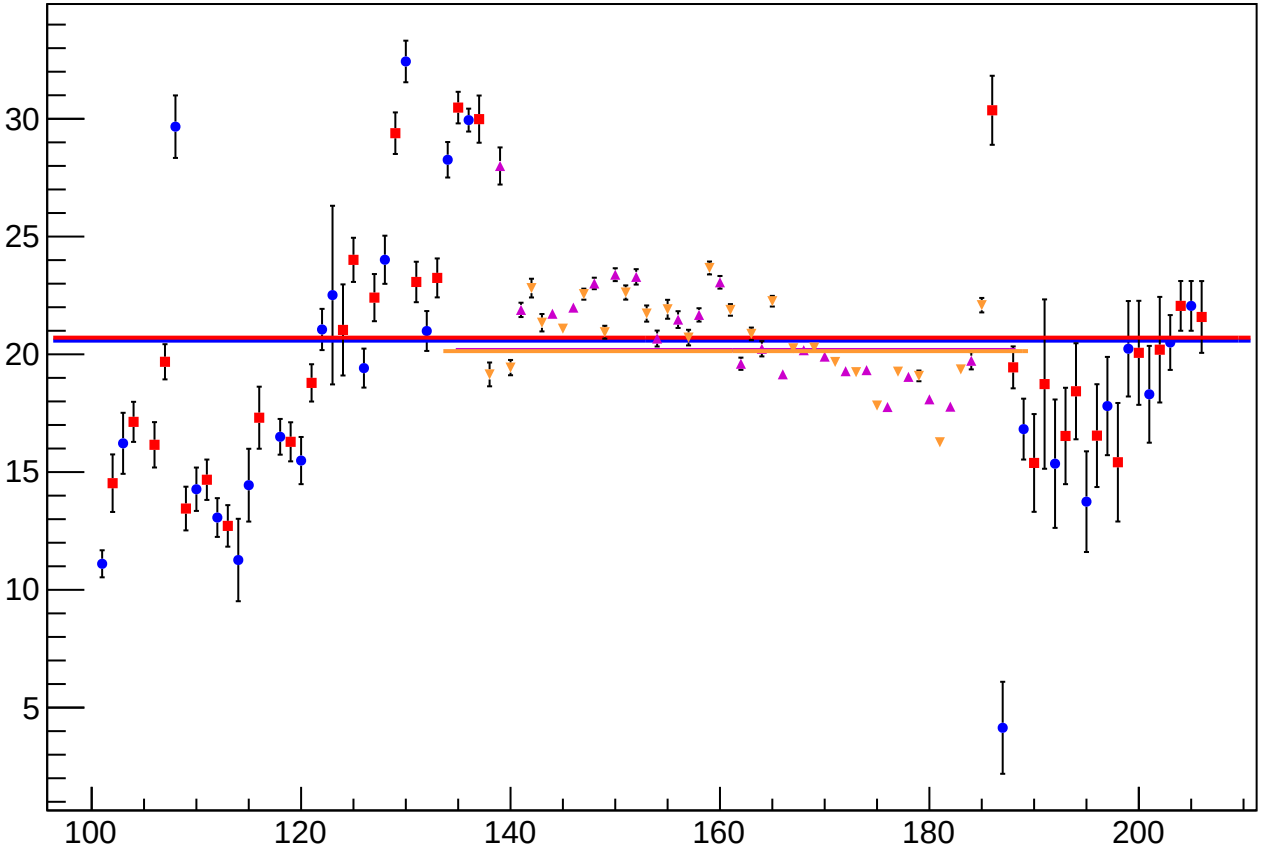
Right: 0.264+/-0.146 χ^2/NDF: 5699.4/55

In: -1.714+/-0.050 χ^2/NDF:17185.4/48

Out: -2.040+/-0.050 χ^2/NDF:20256.6/54

All: -1.877+/-0.035 χ^2/NDF: 37463.6/103

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.581+/-0.195 χ^2/NDF: 1327.0/25

Left Out: 20.136+/-0.046 χ^2/NDF:1414.2/24

Right Out: 20.708+/-0.194 χ^2/NDF: 796.2/29

Left In: 20.184+/-0.046 χ^2/NDF:1470.7/22

Left: 20.160+/-0.032 χ^2/NDF: 2885.5/47

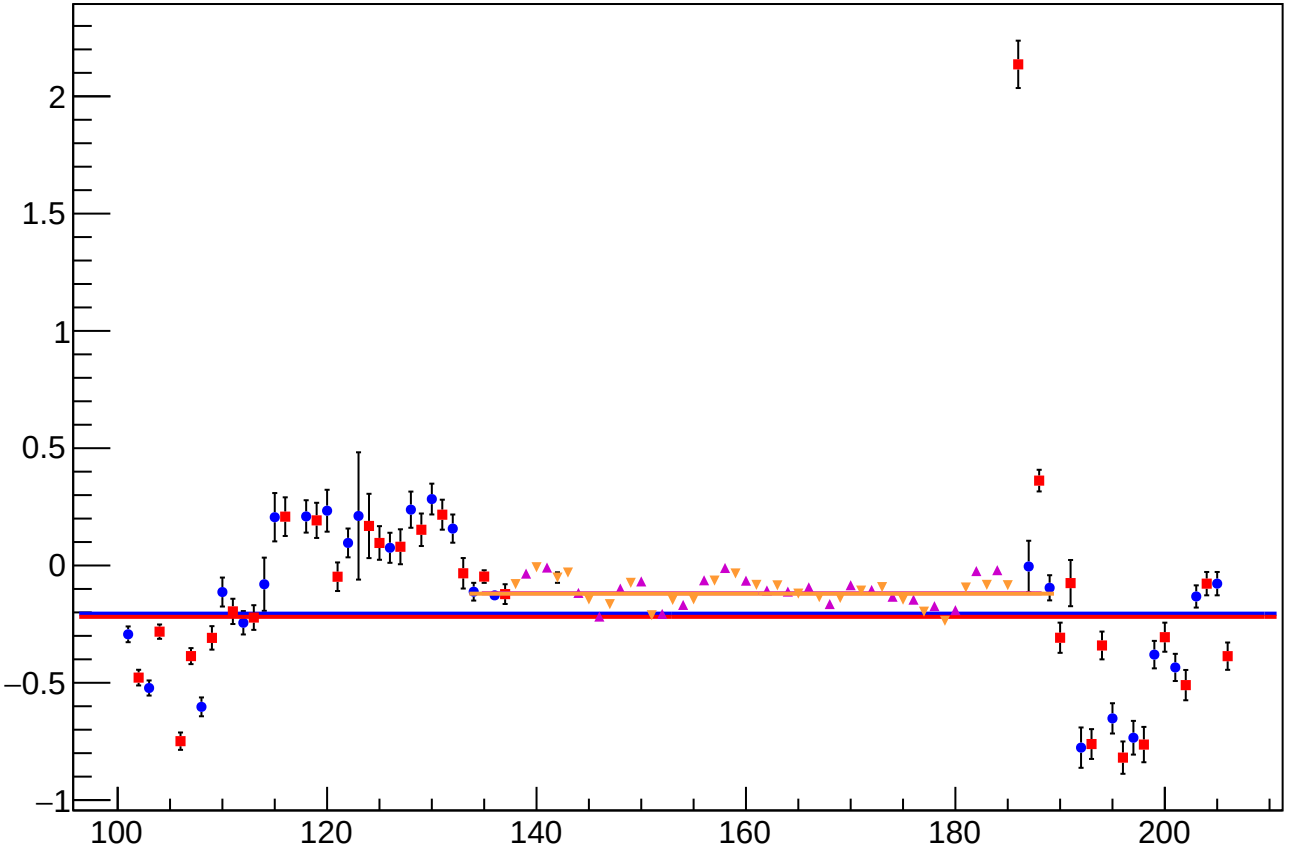
Right: 20.645+/-0.137 χ^2/NDF: 2123.4/55

In: 20.205+/-0.044 χ^2/NDF:2801.6/48

Out: 20.166+/-0.045 χ^2/NDF:2218.7/54

All: 20.186+/-0.032 χ^2/NDF: 5020.7/103

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.205+/-0.010 χ^2/NDF: 660.4/25

Left Out: -0.120+/-0.002 χ^2/NDF:532.4/24

Right Out: -0.219+/-0.009 χ^2/NDF: 1485.1/29

Left In: -0.118+/-0.002 χ^2/NDF:727.5/22

Left: -0.119+/-0.001 χ^2/NDF: 1260.2/47

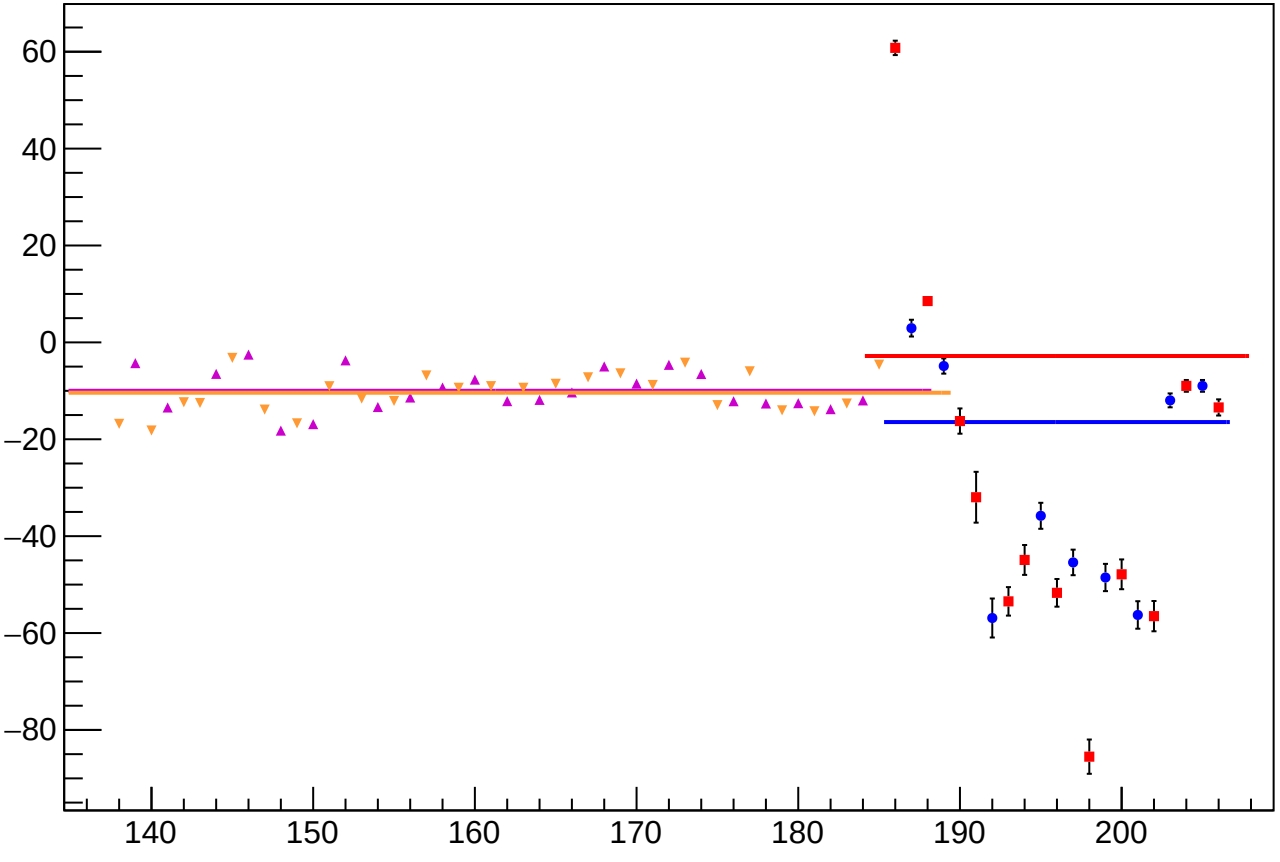
Right: -0.212+/-0.007 χ^2/NDF: 2146.6/55

In: -0.122+/-0.002 χ^2/NDF:1462.9/48

Out: -0.125+/-0.002 χ^2/NDF:2123.0/54

All: -0.124+/-0.001 χ^2/NDF: 3586.7/103

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.448+/-0.633 χ^2/NDF: 827.2/8

Left Out: -10.392+/-0.088 χ^2/NDF:2112.5/24

Right Out: -2.810+/-0.523 χ^2/NDF: 3960.3/11

Left In: -9.990+/-0.089 χ^2/NDF:1794.2/22

Left: -10.194+/-0.063 χ^2/NDF: 3917.0/47

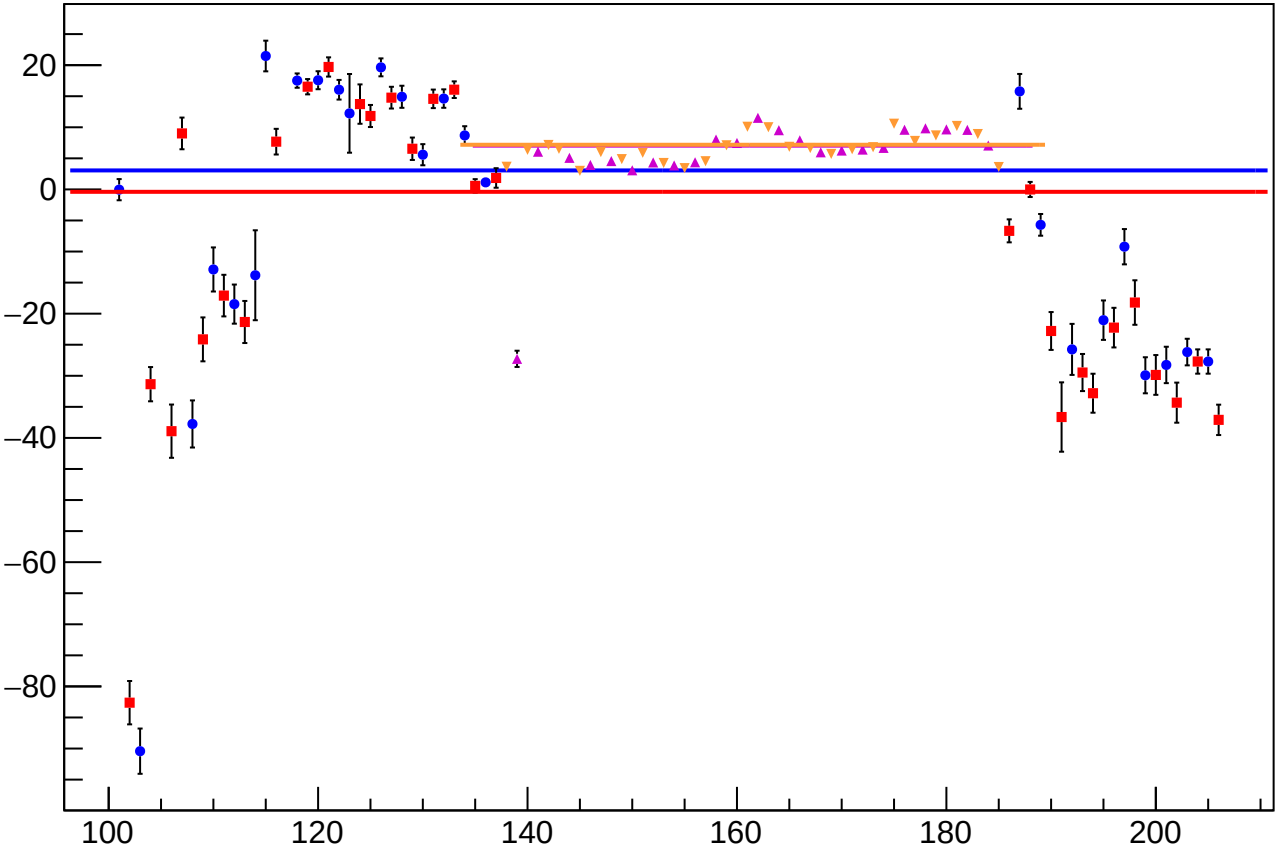
Right: -8.338+/-0.403 χ^2/NDF: 5063.1/20

In: -10.115+/-0.088 χ^2/NDF:2723.3/31

Out: -10.184+/-0.087 χ^2/NDF:6277.1/36

All: -10.150+/-0.062 χ^2/NDF: 9000.7/68

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.057+/-0.362 χ^2/NDF: 2342.4/25

Left Out: 7.187+/-0.074 χ^2/NDF:916.3/24

Right Out: -0.388+/-0.367 χ^2/NDF: 2664.4/29

Left In: 7.043+/-0.074 χ^2/NDF:1604.6/22

Left: 7.115+/-0.052 χ^2/NDF: 2522.8/47

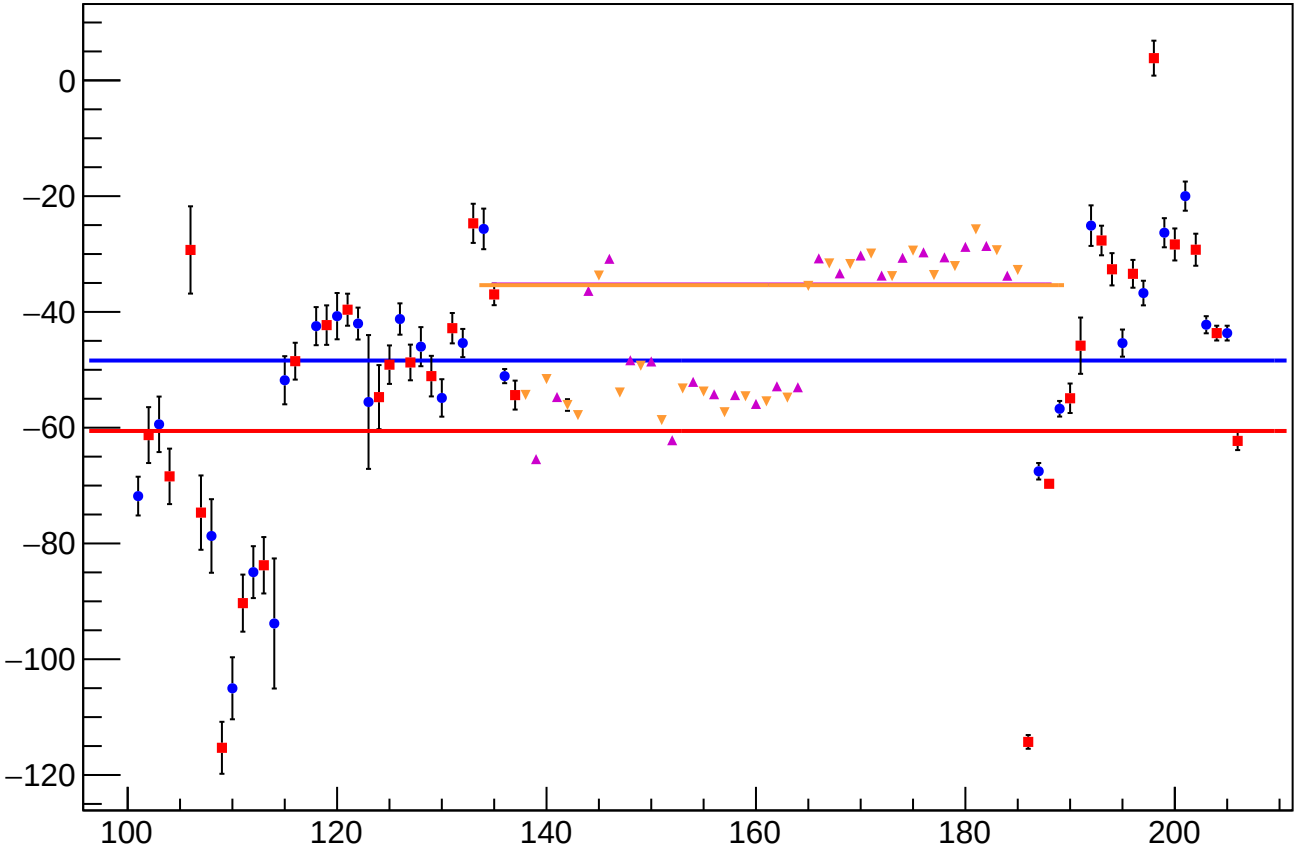
Right: 1.358+/-0.258 χ^2/NDF: 5051.4/55

In: 6.884+/-0.072 χ^2/NDF:4063.2/48

Out: 6.895+/-0.072 χ^2/NDF:3990.0/54

All: 6.889+/-0.051 χ^2/NDF: 8053.2/103

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.399+/-0.459 χ^2/NDF: 874.8/25

Left Out: -35.377+/-0.089 χ^2/NDF:12628.3/24

Right Out: -60.568+/-0.395 χ^2/NDF: 4214.4/29

Left In: -35.260+/-0.090 χ^2/NDF:11769.2/22

Left: -35.319+/-0.063 χ^2/NDF: 24398.4/47

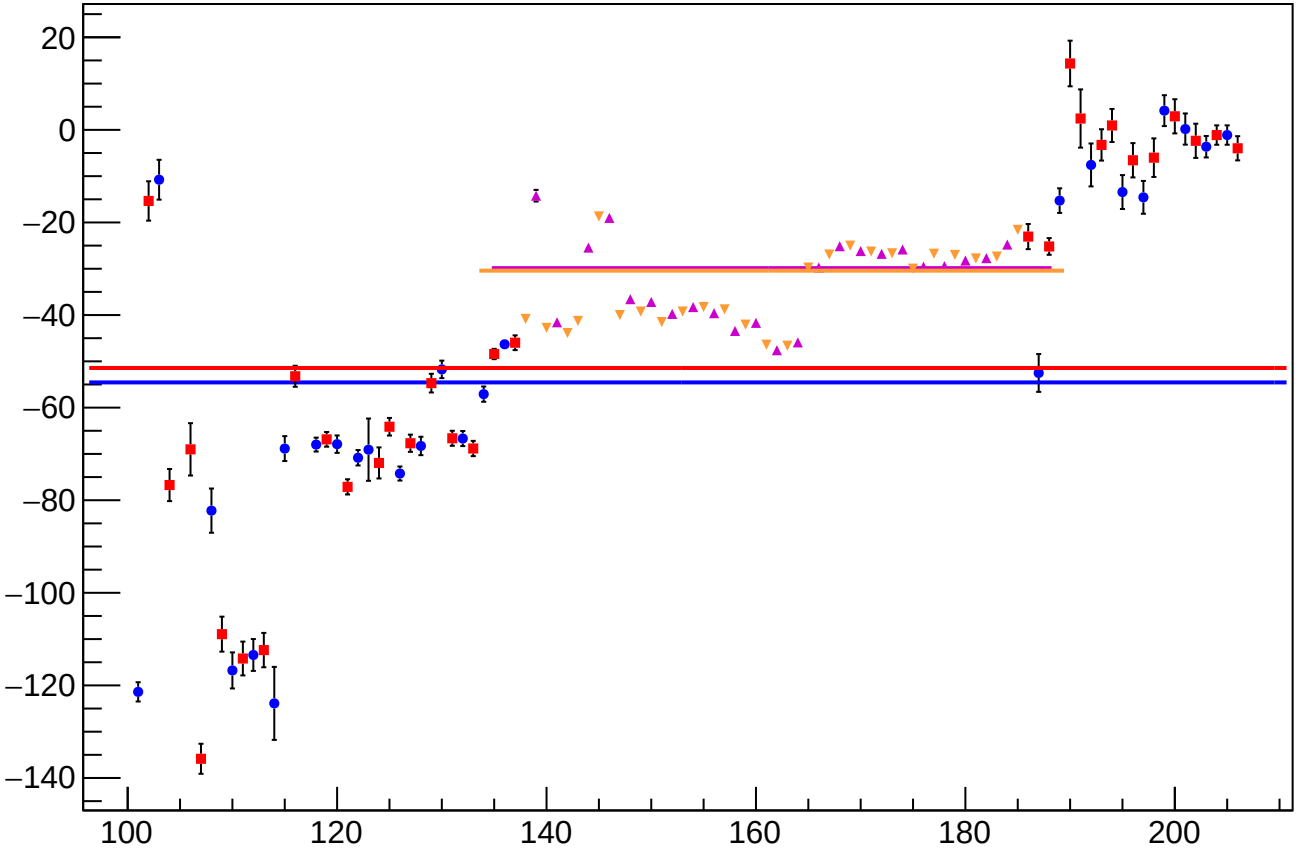
Right: -55.381+/-0.300 χ^2/NDF: 5492.8/55

In: -35.744+/-0.088 χ^2/NDF:13434.0/48

Out: -36.594+/-0.087 χ^2/NDF:20705.0/54

All: -36.175+/-0.062 χ^2/NDF: 34186.1/103

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -54.552+/-0.407 χ^2/NDF: 4715.4/25

Left Out: -30.415+/-0.082 χ^2/NDF:8132.2/24

Right Out: -51.433+/-0.422 χ^2/NDF: 4882.6/29

Left In: -29.863+/-0.082 χ^2/NDF:7145.9/22

Left: -30.141+/-0.058 χ^2/NDF: 15300.8/47

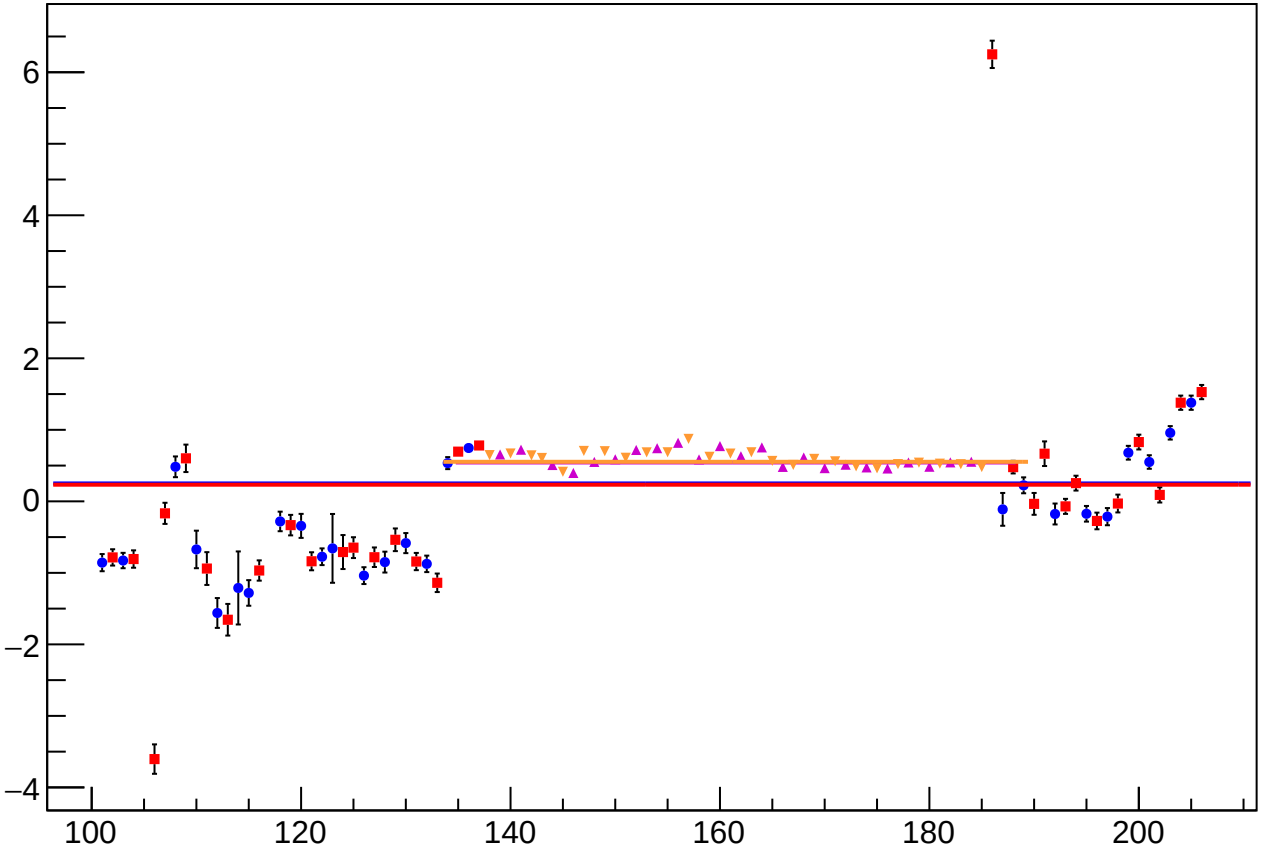
Right: -53.049+/-0.293 χ^2/NDF: 9626.3/55

In: -30.832+/-0.081 χ^2/NDF:15396.6/48

Out: -31.173+/-0.080 χ^2/NDF:15407.2/54

All: -31.004+/-0.057 χ^2/NDF: 30812.8/103

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.250+/-0.020 χ^2/NDF: 1263.5/25

Left Out: 0.553+/-0.004 χ^2/NDF:542.9/24

Right Out: 0.233+/-0.020 χ^2/NDF: 2642.5/29

Left In: 0.544+/-0.004 χ^2/NDF:659.2/22

Left: 0.548+/-0.003 χ^2/NDF: 1205.2/47

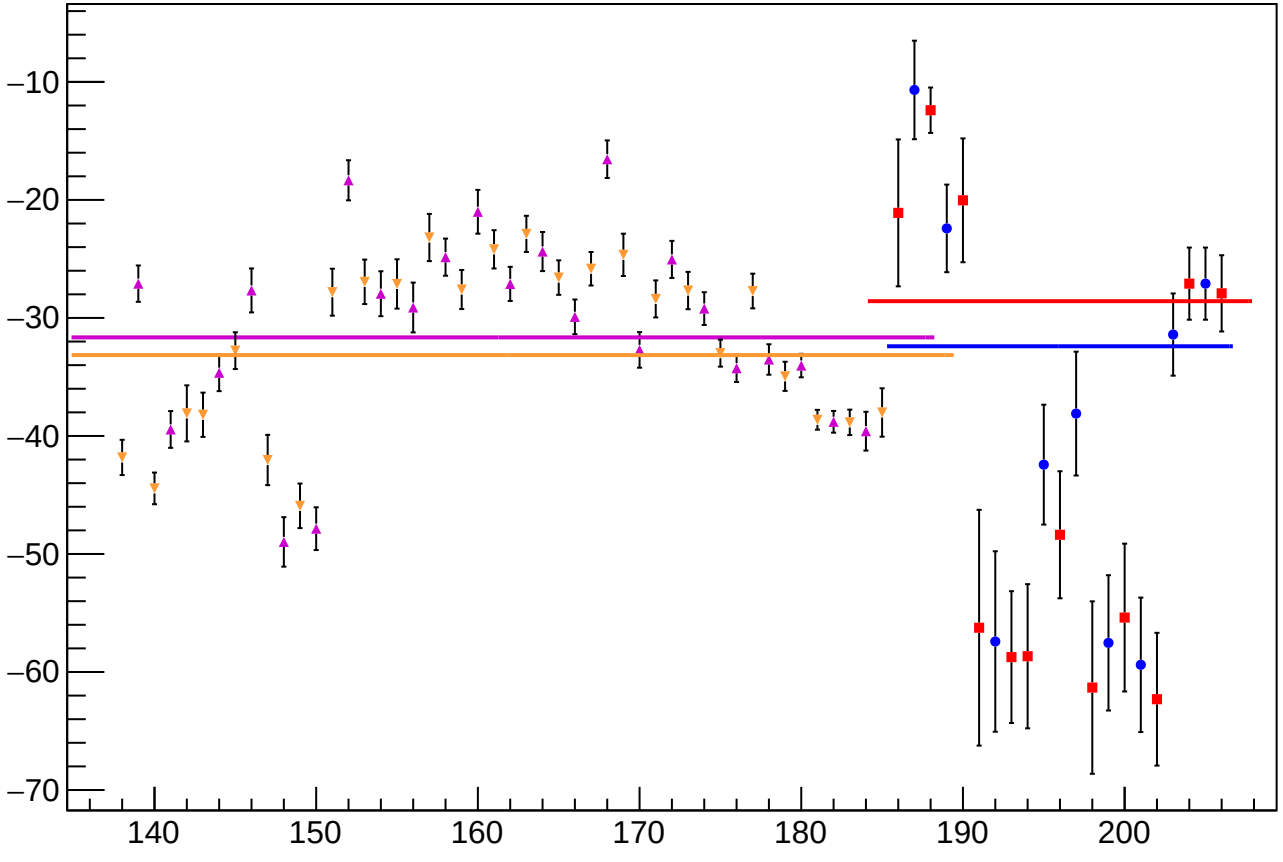
Right: 0.242+/-0.014 χ^2/NDF: 3906.4/55

In: 0.534+/-0.004 χ^2/NDF:2127.9/48

Out: 0.543+/-0.004 χ^2/NDF:3422.5/54

All: 0.538+/-0.003 χ^2/NDF: 5553.4/103

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.400+/-1.454 χ^2/NDF: 94.9/8

Left Out: -33.148+/-0.301 χ^2/NDF:500.0/24

Right Out: -28.579+/-1.183 χ^2/NDF: 224.1/11

Left In: -31.647+/-0.308 χ^2/NDF:546.9/22

Left: -32.414+/-0.215 χ^2/NDF: 1059.0/47

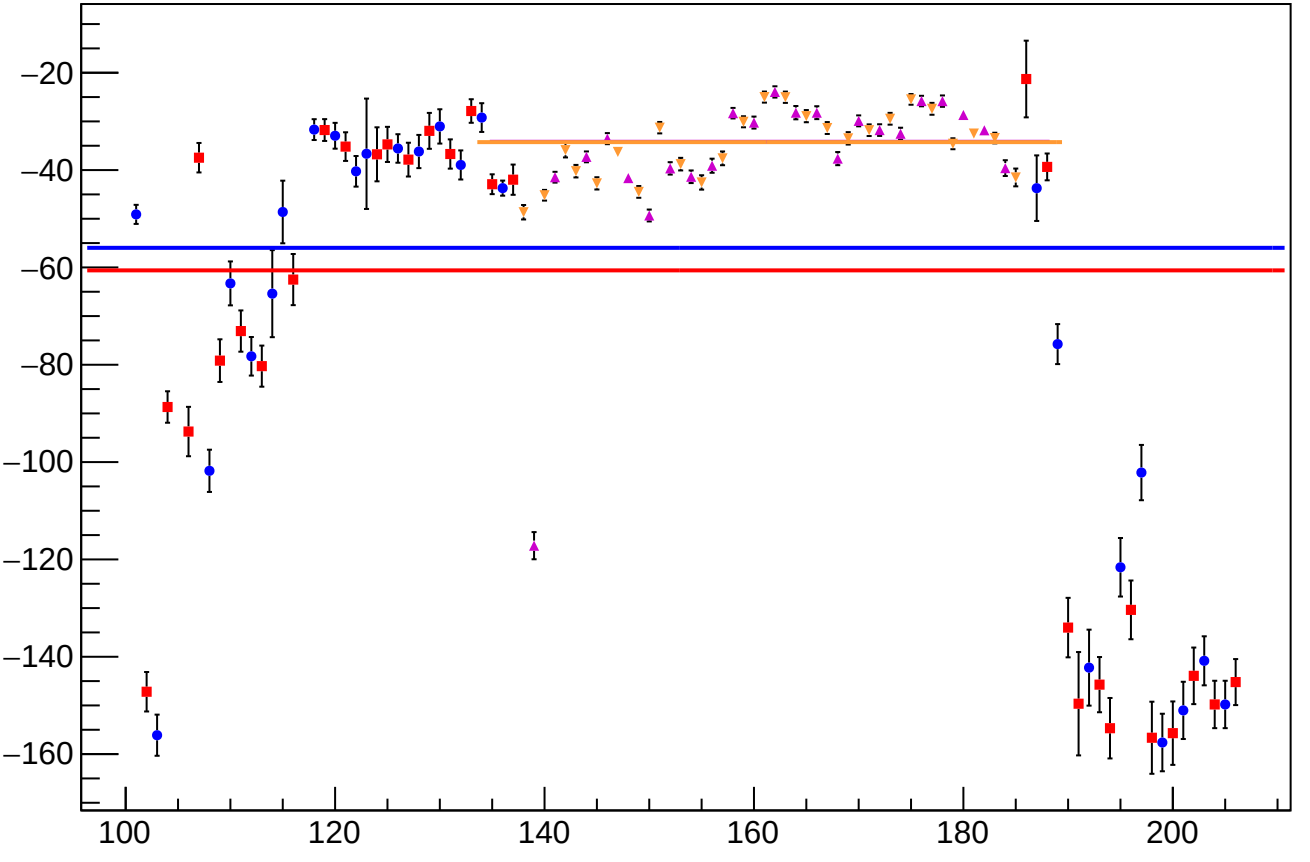
Right: -30.101+/-0.918 χ^2/NDF: 323.1/20

In: -31.679+/-0.301 χ^2/NDF:642.0/31

Out: -32.871+/-0.292 χ^2/NDF:738.1/36

All: -32.294+/-0.209 χ^2/NDF: 1388.1/68

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -55.976+/-0.673 χ^2/NDF: 2809.1/25

Left Out: -34.256+/-0.242 χ^2/NDF:693.3/24

Right Out: -60.609+/-0.684 χ^2/NDF: 3581.0/29

Left In: -34.189+/-0.250 χ^2/NDF:1546.1/22

Left: -34.224+/-0.174 χ^2/NDF: 2239.5/47

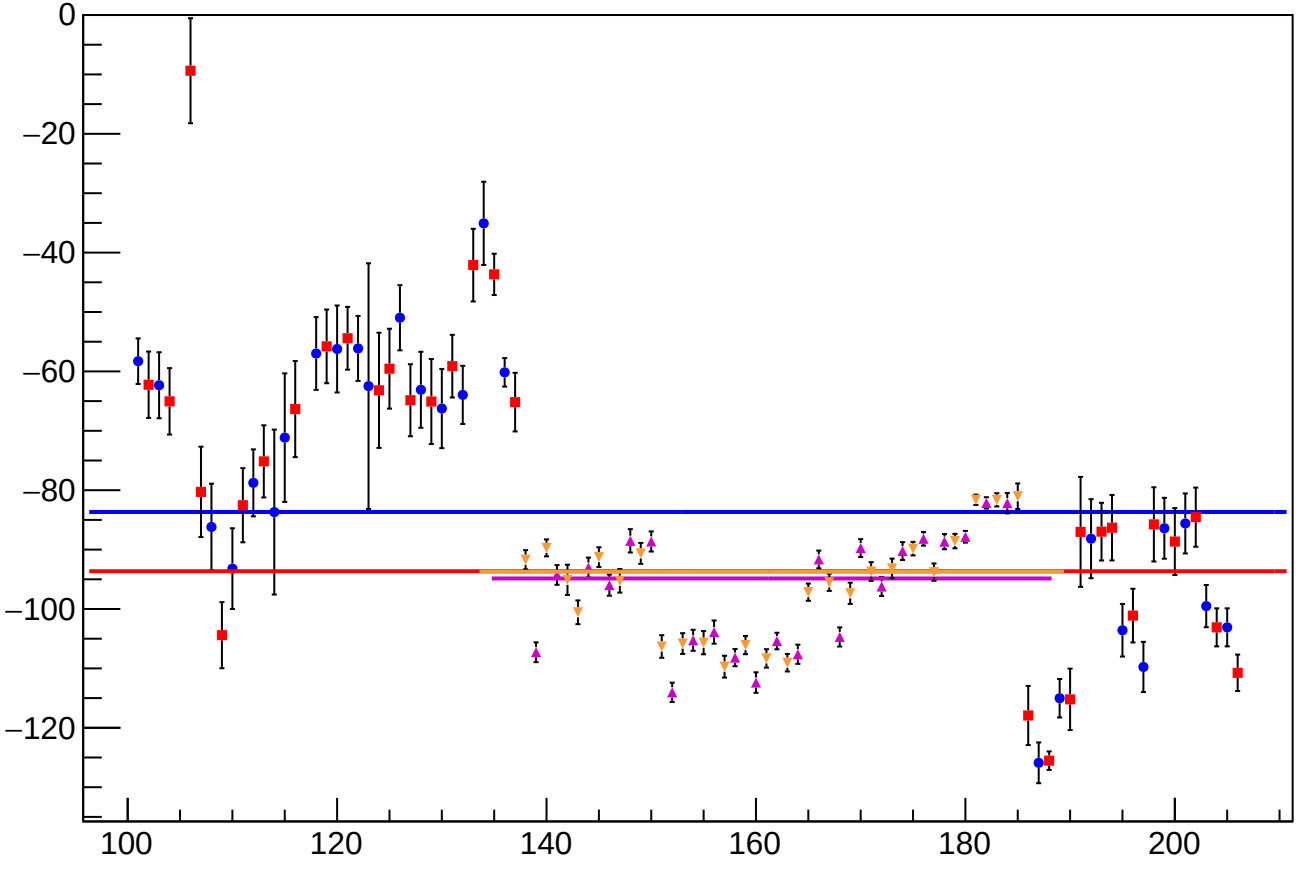
Right: -58.253+/-0.480 χ^2/NDF: 6413.4/55

In: -36.837+/-0.235 χ^2/NDF:5276.6/48

Out: -37.189+/-0.228 χ^2/NDF:5593.0/54

All: -37.018+/-0.164 χ^2/NDF: 10870.8/103

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -83.664+/-0.934 χ^2/NDF: 695.9/25

Left Out: -93.719+/-0.302 χ^2/NDF:878.2/24

Right Out: -93.642+/-0.830 χ^2/NDF: 1215.8/29

Left In: -94.861+/-0.307 χ^2/NDF:985.5/22

Left: -94.280+/-0.215 χ^2/NDF: 1870.7/47

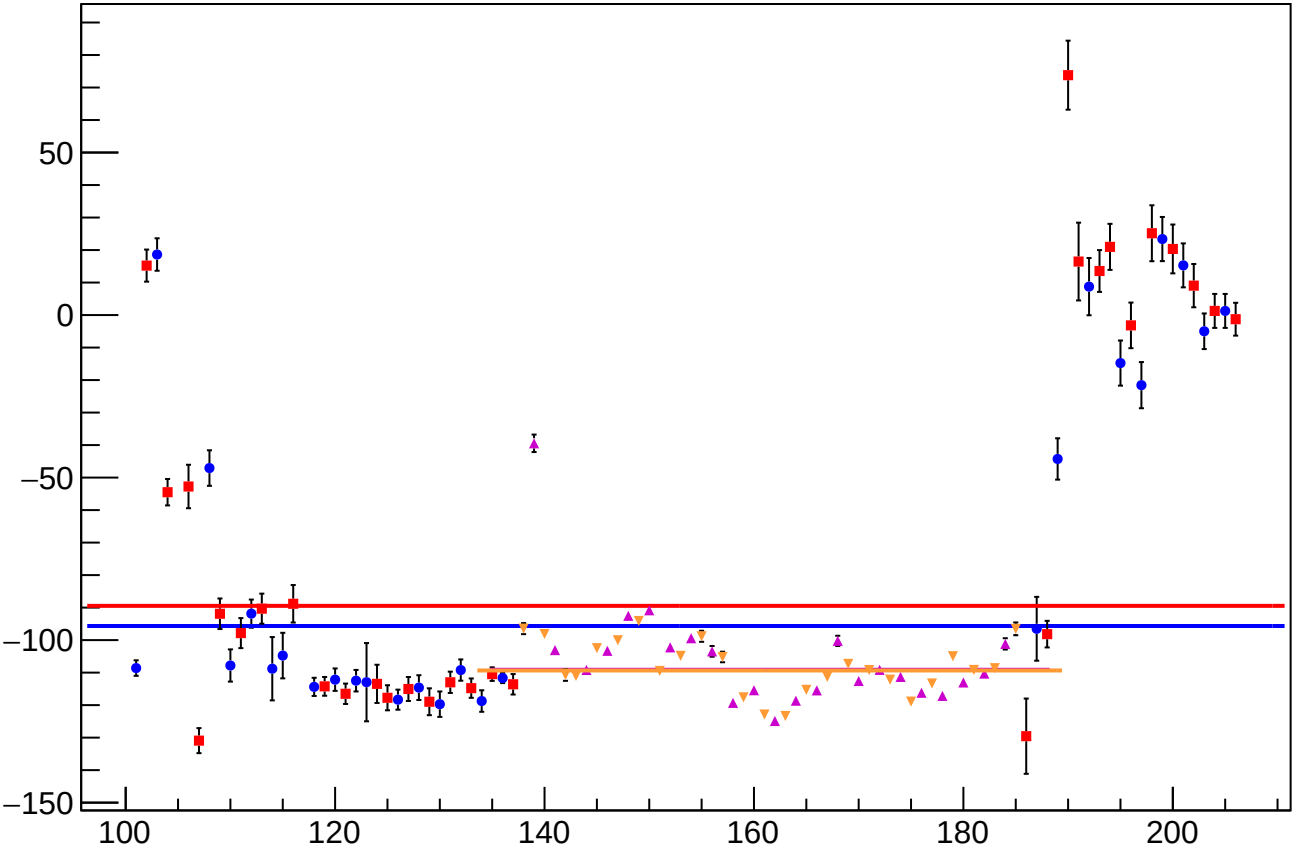
Right: -89.242+/-0.620 χ^2/NDF: 1975.4/55

In: -93.767+/-0.292 χ^2/NDF:1811.0/48

Out: -93.710+/-0.284 χ^2/NDF:2093.9/54

All: -93.738+/-0.204 χ^2/NDF: 3905.0/103

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.658+/-0.762 χ^2/NDF: 2670.8/25

Left Out: -109.338+/-0.272 χ^2/NDF:826.2/24

Right Out: -89.459+/-0.785 χ^2/NDF: 3474.1/29

Left In: -109.126+/-0.279 χ^2/NDF:1578.7/22

Left: -109.235+/-0.195 χ^2/NDF: 2405.2/47

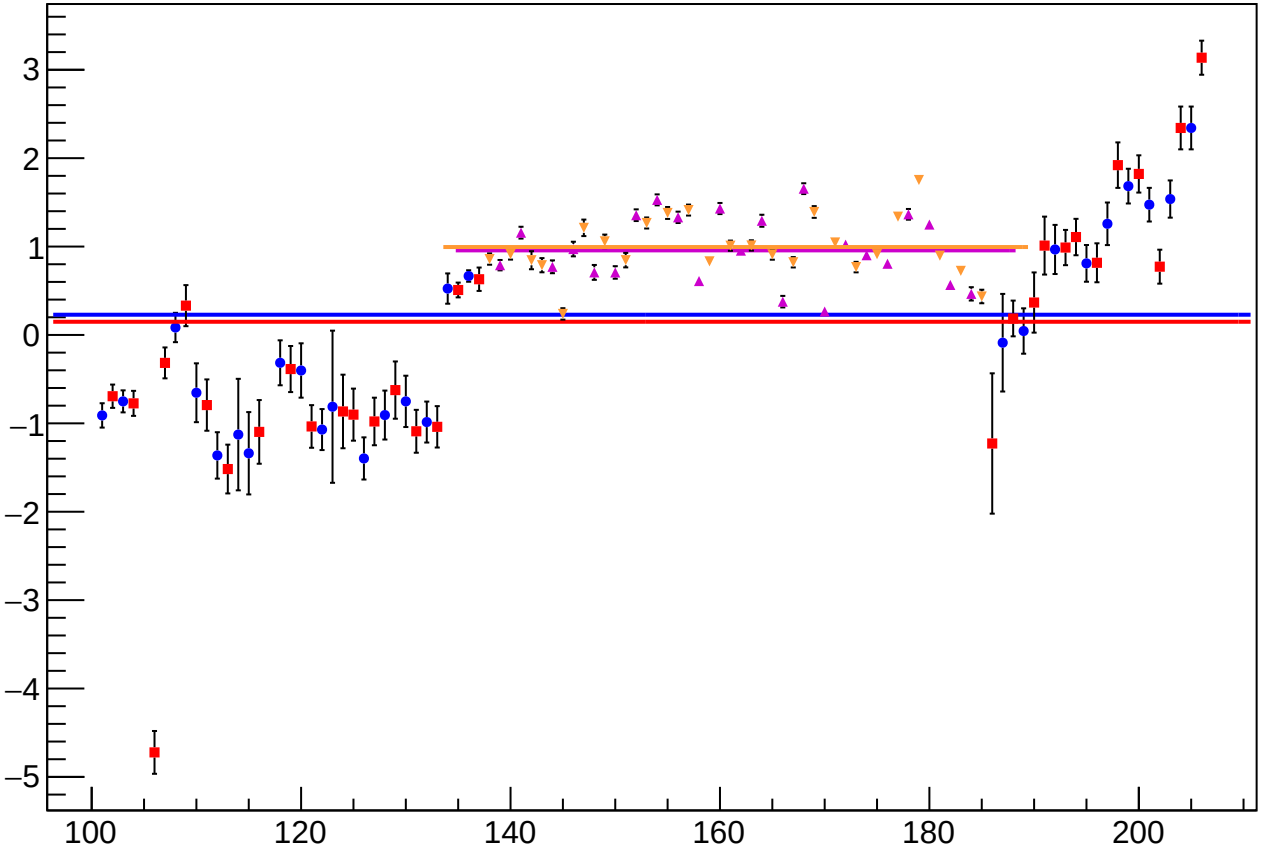
Right: -92.649+/-0.547 χ^2/NDF: 6177.0/55

In: -107.534+/-0.262 χ^2/NDF:4524.9/48

Out: -107.208+/-0.257 χ^2/NDF:4873.1/54

All: -107.368+/-0.183 χ^2/NDF: 9398.7/103

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.229+/-0.037 χ^2/NDF: 629.4/25

Left Out: 0.995+/-0.012 χ^2/NDF:635.3/24

Right Out: 0.149+/-0.037 χ^2/NDF: 1210.5/29

Left In: 0.957+/-0.013 χ^2/NDF:896.5/22

Left: 0.976+/-0.009 χ^2/NDF: 1536.3/47

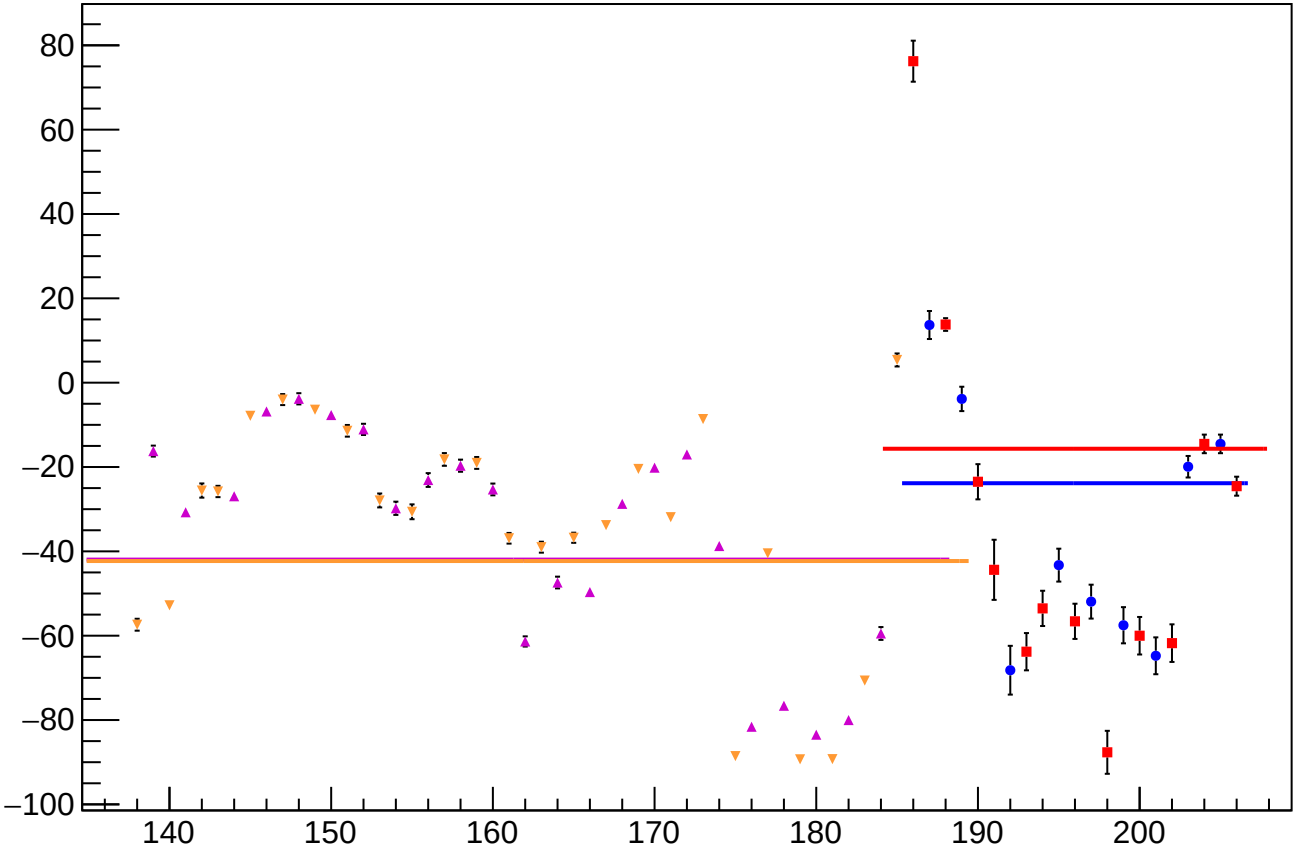
Right: 0.189+/-0.026 χ^2/NDF: 1842.2/55

In: 0.881+/-0.012 χ^2/NDF:1871.4/48

Out: 0.908+/-0.012 χ^2/NDF:2319.1/54

All: 0.895+/-0.008 χ^2/NDF: 4193.0/103

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.844+/-1.095 χ^2/NDF: 477.3/8

Left Out: -42.295+/-0.222 χ^2/NDF:18267.5/24

Right Out: -15.667+/-0.888 χ^2/NDF: 1476.3/11

Left In: -41.955+/-0.226 χ^2/NDF:14723.4/22

Left: -42.128+/-0.159 χ^2/NDF: 32992.1/47

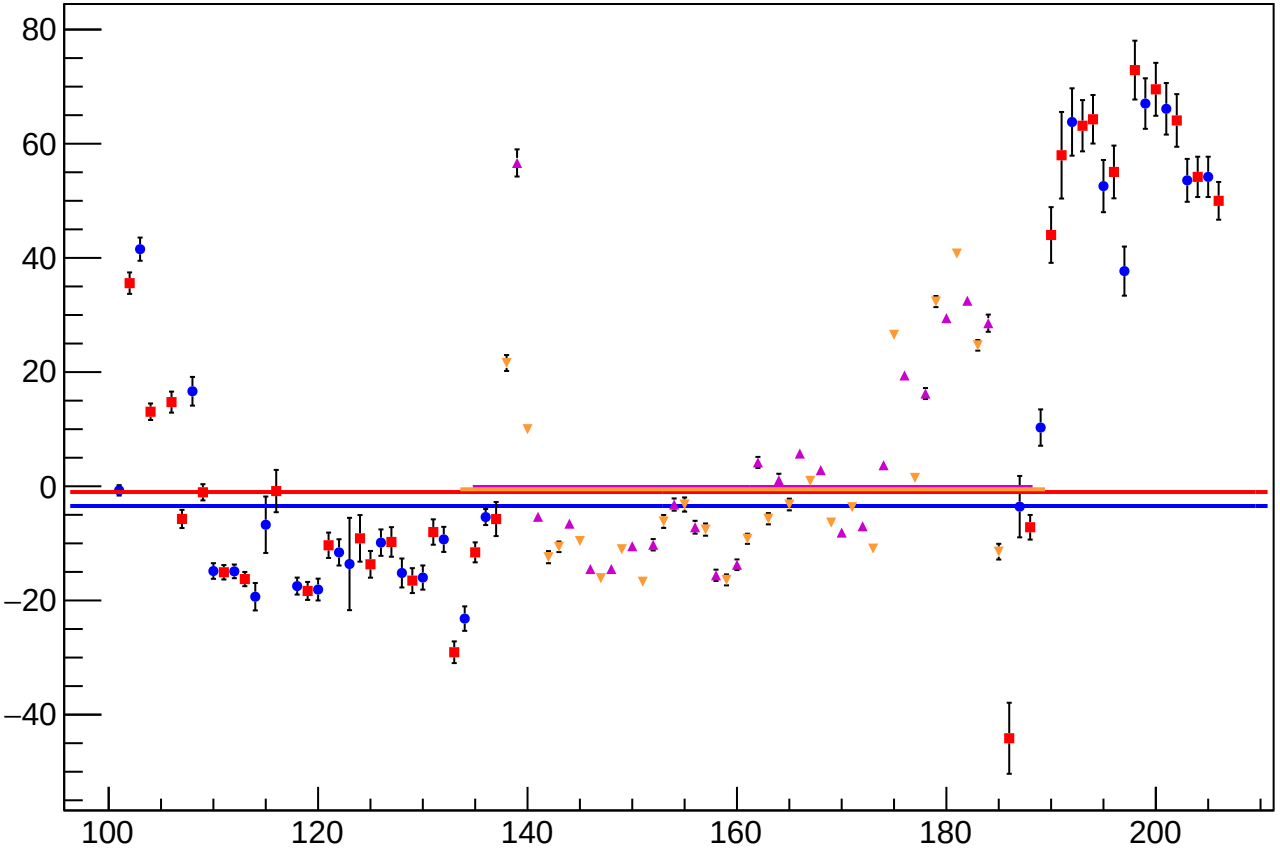
Right: -18.912+/-0.690 χ^2/NDF: 1987.2/20

In: -41.216+/-0.221 χ^2/NDF:15463.1/31

Out: -40.724+/-0.216 χ^2/NDF:20589.6/36

All: -40.964+/-0.154 χ^2/NDF: 36055.1/68

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.455+/-0.409 χ^2/NDF: 2465.2/25

Left Out: -0.527+/-0.175 χ^2/NDF:8707.9/24

Right Out: -1.006+/-0.403 χ^2/NDF: 3236.2/29

Left In: -0.125+/-0.179 χ^2/NDF:6925.0/22

Left: -0.331+/-0.125 χ^2/NDF: 15635.5/47

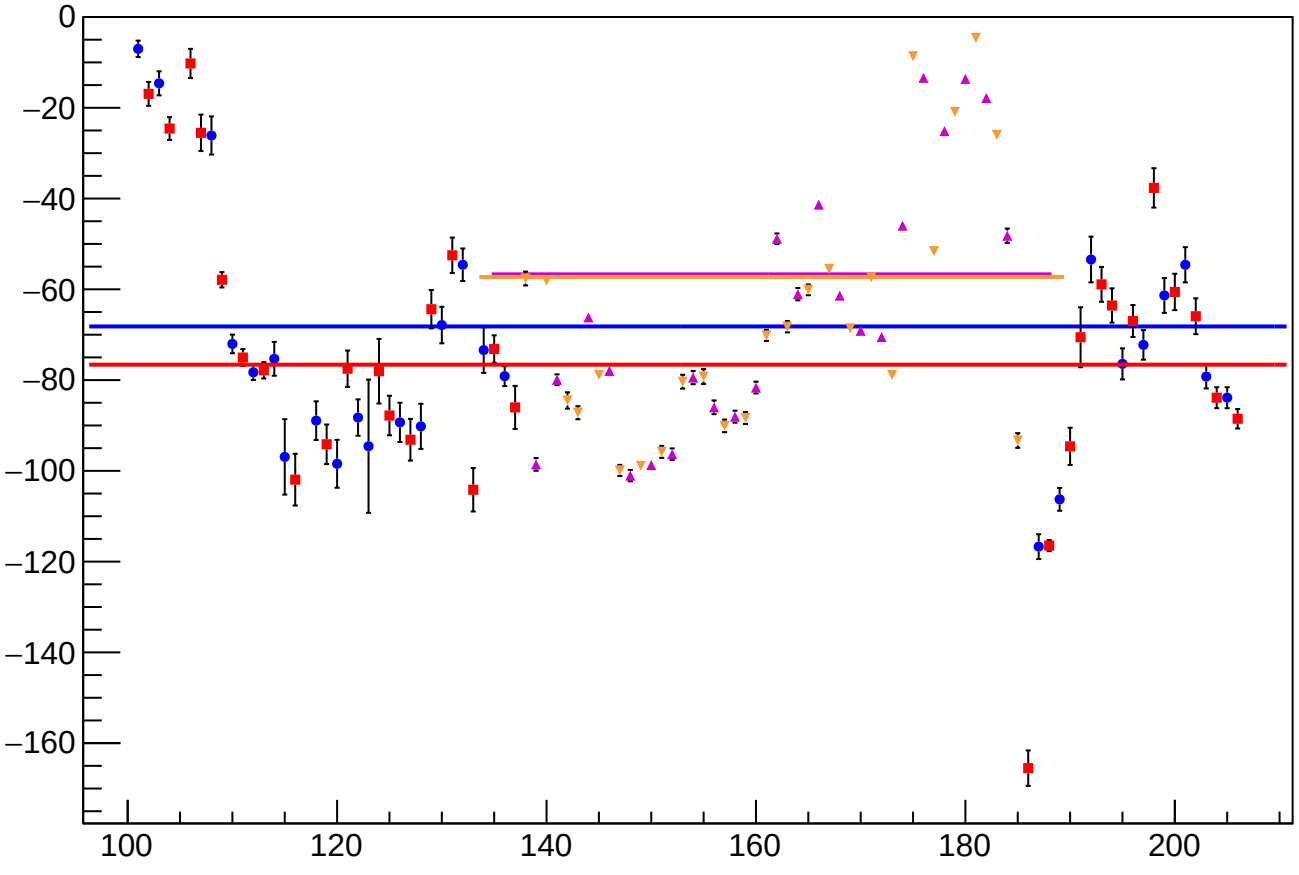
Right: -2.214+/-0.287 χ^2/NDF: 5719.6/55

In: -0.659+/-0.164 χ^2/NDF:9446.0/48

Out: -0.603+/-0.160 χ^2/NDF:11945.3/54

All: -0.631+/-0.115 χ^2/NDF: 21391.3/103

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -68.182+/-0.599 χ^2/NDF: 2506.1/25

Left Out: -57.276+/-0.224 χ^2/NDF:18511.1/24

Right Out: -76.599+/-0.525 χ^2/NDF: 3590.1/29

Left In: -56.705+/-0.226 χ^2/NDF:16547.5/22

Left: -56.993+/-0.159 χ^2/NDF: 35061.8/47

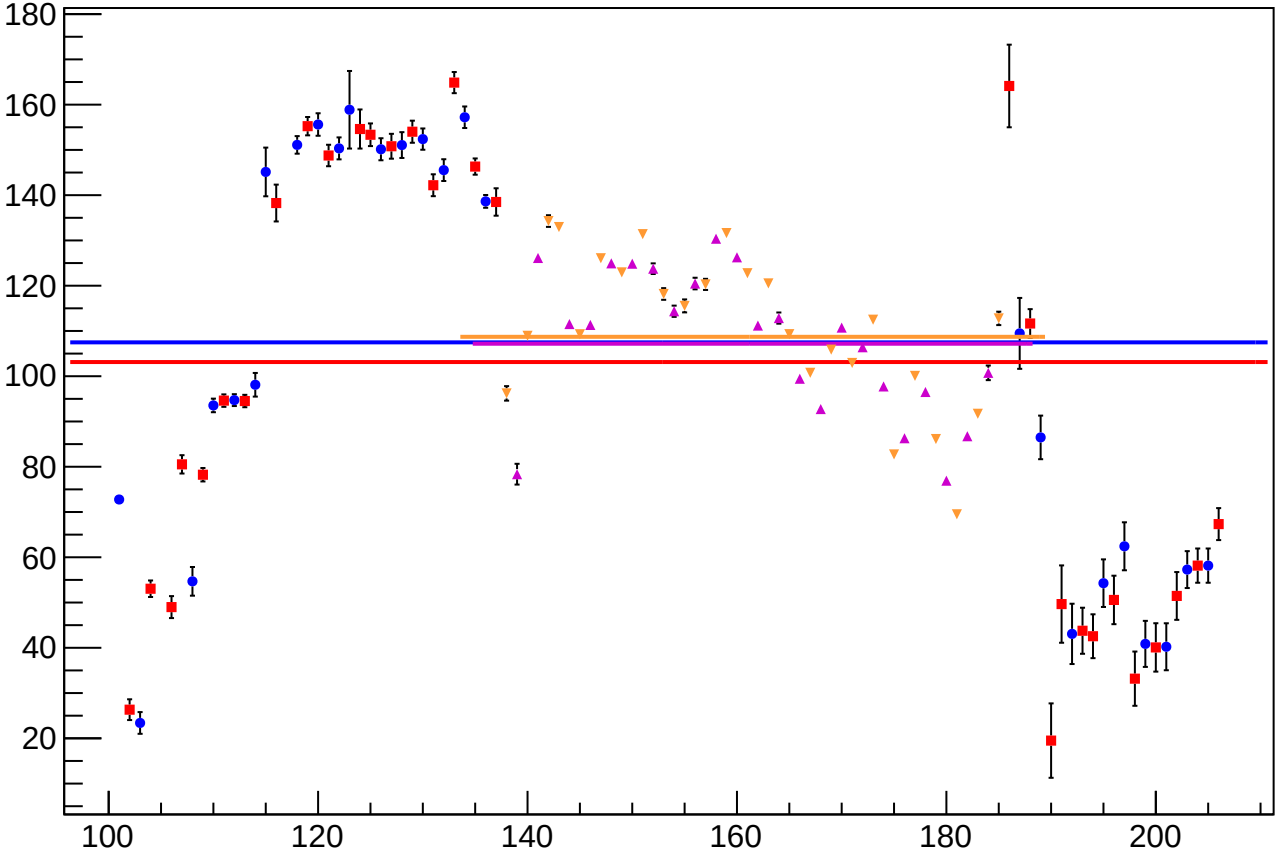
Right: -72.939+/-0.395 χ^2/NDF: 6207.8/55

In: -58.135+/-0.211 χ^2/NDF:19374.8/48

Out: -60.238+/-0.206 χ^2/NDF:23246.3/54

All: -59.216+/-0.147 χ^2/NDF: 42671.9/103

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 107.481+/-0.467 χ^2/NDF: 6979.5/25

Left Out: 108.709+/-0.198 χ^2/NDF:7297.0/24

Right Out: 103.132+/-0.462 χ^2/NDF: 8114.9/29

Left In: 107.180+/-0.202 χ^2/NDF:5592.3/22

Left: 107.959+/-0.141 χ^2/NDF: 12918.6/47

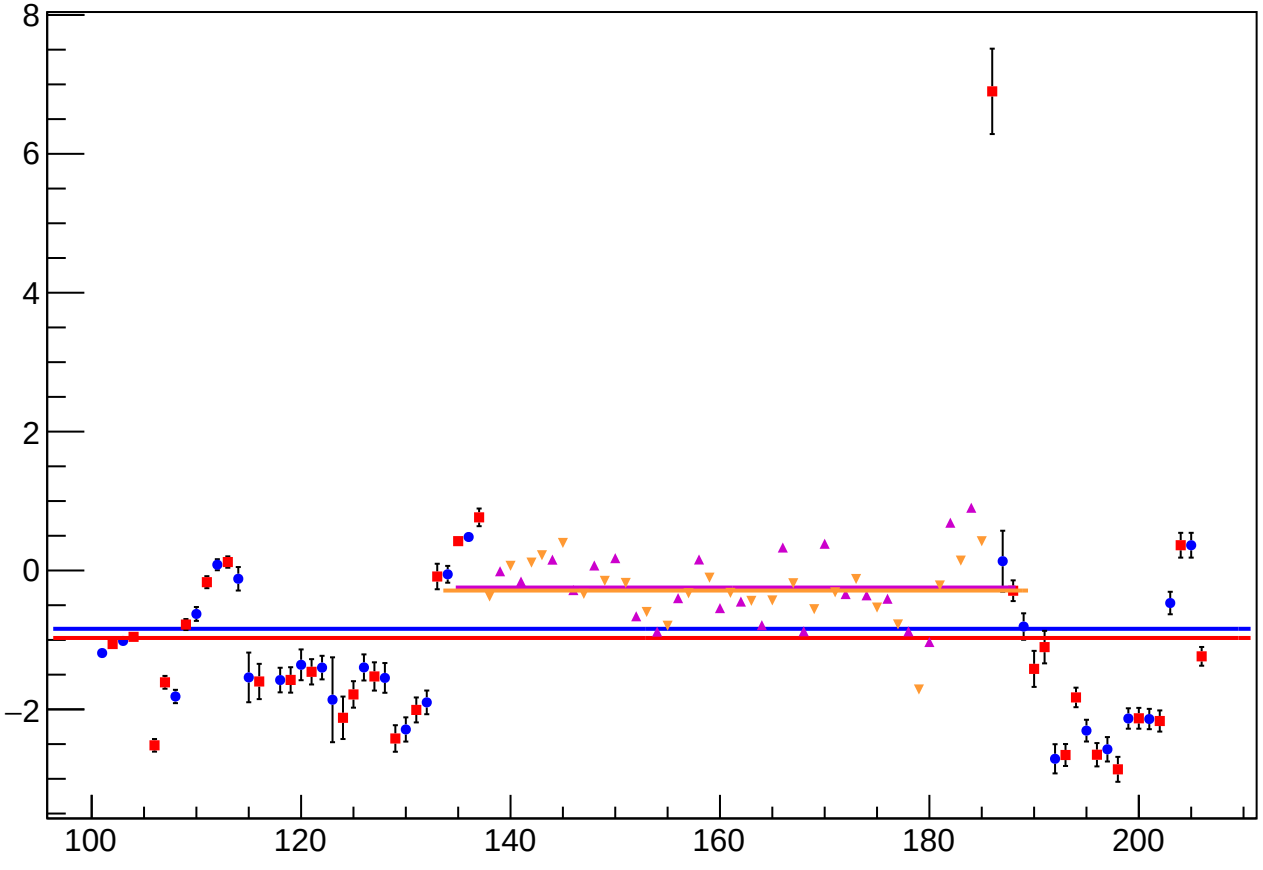
Right: 105.281+/-0.328 χ^2/NDF: 15138.2/55

In: 107.227+/-0.185 χ^2/NDF:12572.2/48

Out: 107.844+/-0.182 χ^2/NDF:15535.1/54

All: 107.542+/-0.130 χ^2/NDF: 28112.9/103

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.840+/-0.024 χ^2/NDF: 1501.4/25

Left Out: -0.289+/-0.009 χ^2/NDF:2039.6/24

Right Out: -0.972+/-0.022 χ^2/NDF: 2082.2/29

Left In: -0.246+/-0.009 χ^2/NDF:2804.3/22

Left: -0.267+/-0.006 χ^2/NDF: 4855.1/47

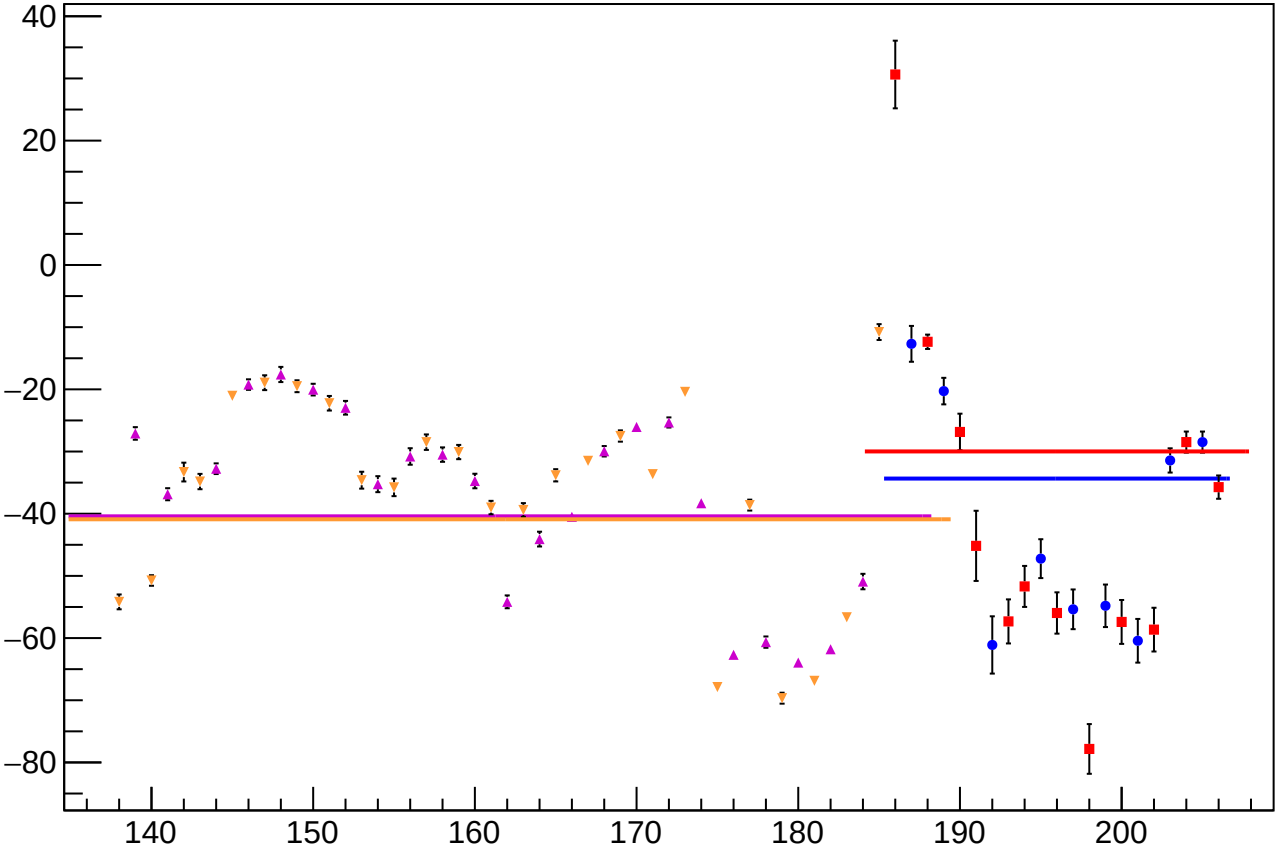
Right: -0.911+/-0.016 χ^2/NDF: 3600.3/55

In: -0.324+/-0.009 χ^2/NDF:4856.0/48

Out: -0.389+/-0.008 χ^2/NDF:4949.6/54

All: -0.357+/-0.006 χ^2/NDF: 9834.8/103

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.348+/-0.856 χ^2/NDF: 299.2/8

Left Out: -40.897+/-0.186 χ^2/NDF:9114.7/24

Right Out: -29.984+/-0.699 χ^2/NDF: 809.7/11

Left In: -40.422+/-0.189 χ^2/NDF:7030.2/22

Left: -40.662+/-0.133 χ^2/NDF: 16148.1/47

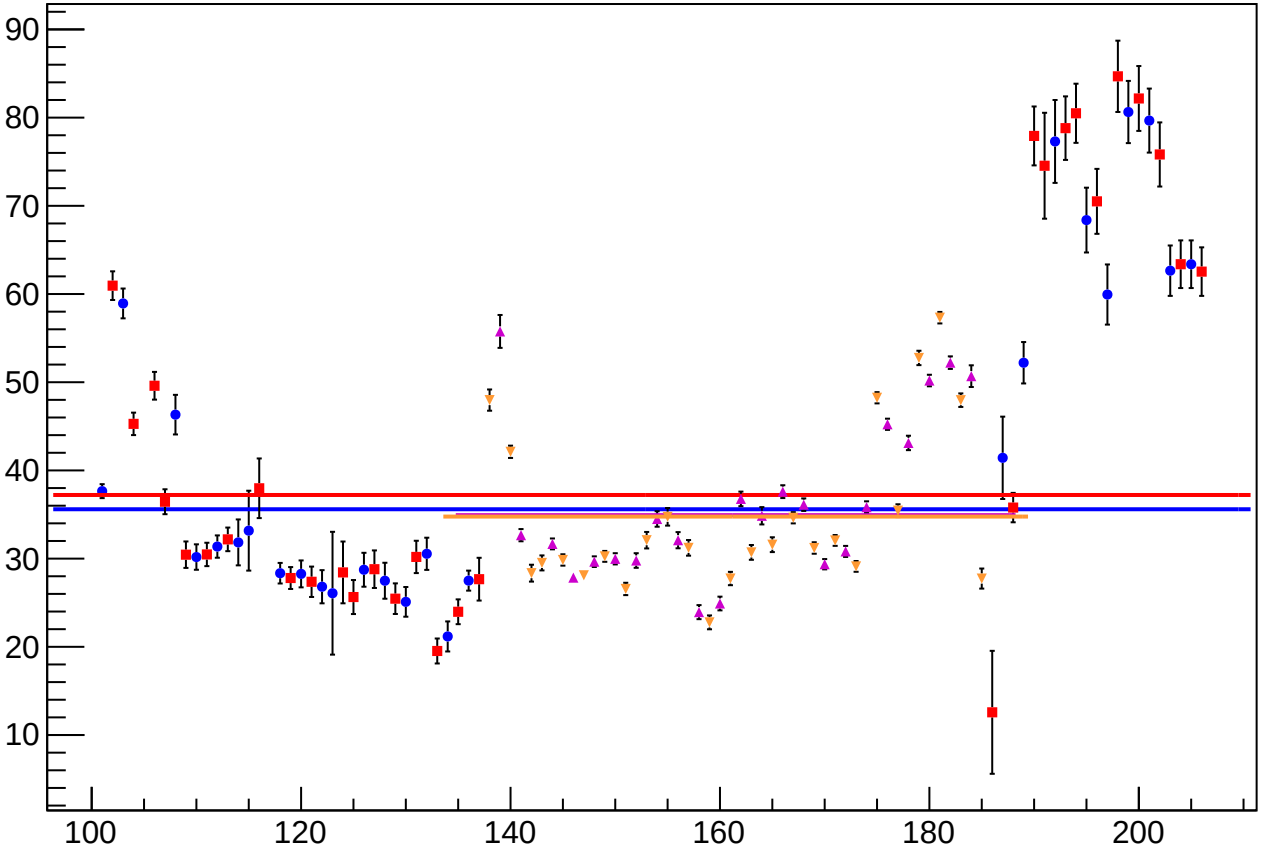
Right: -31.729+/-0.541 χ^2/NDF: 1124.5/20

In: -40.140+/-0.184 χ^2/NDF:7377.4/31

Out: -40.171+/-0.180 χ^2/NDF:10152.2/36

All: -40.156+/-0.129 χ^2/NDF: 17529.6/68

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 35.597+/-0.352 χ^2/NDF: 1297.6/25

Left Out: 34.768+/-0.148 χ^2/NDF:3677.3/24

Right Out: 37.215+/-0.350 χ^2/NDF: 2006.1/29

Left In: 34.928+/-0.151 χ^2/NDF:2688.4/22

Left: 34.846+/-0.106 χ^2/NDF: 6366.3/47

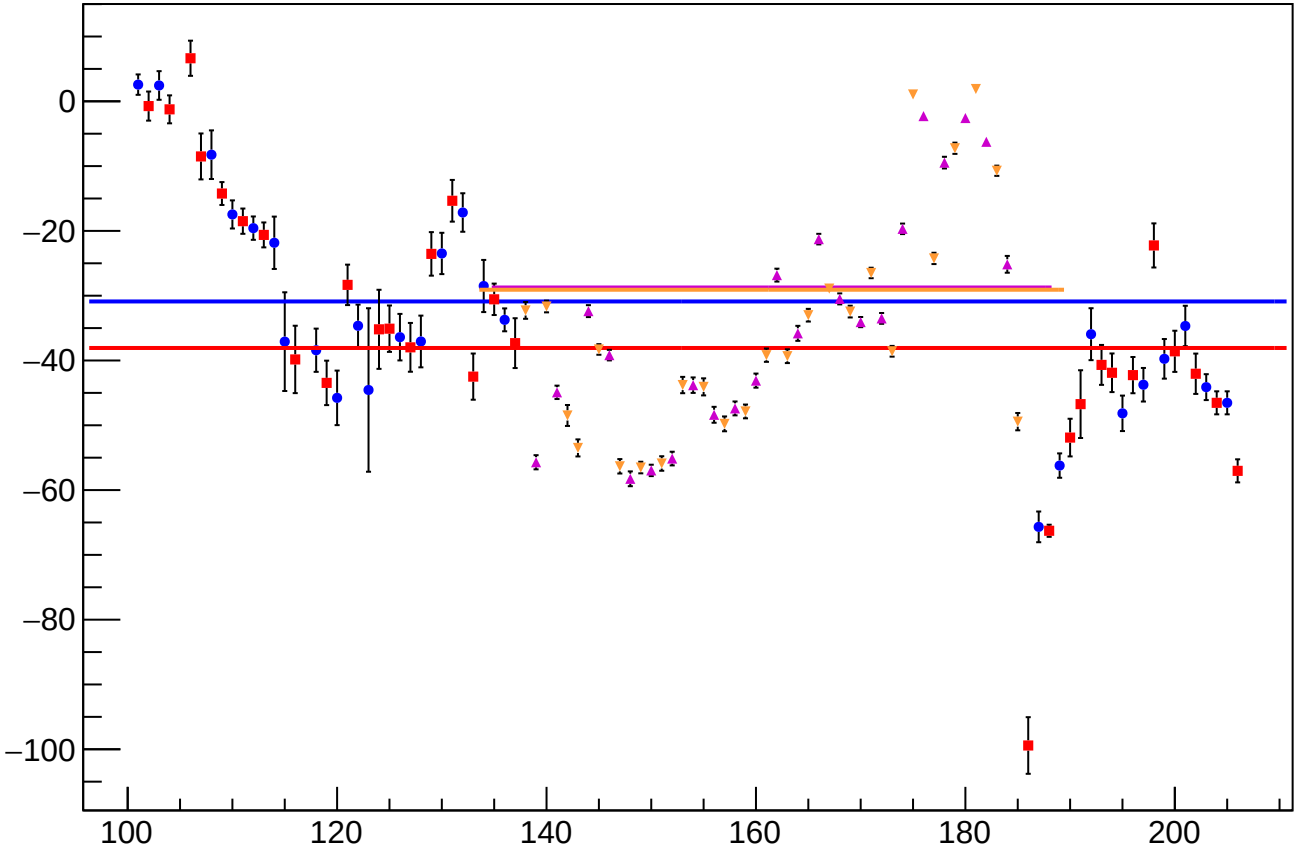
Right: 36.411+/-0.249 χ^2/NDF: 3314.3/55

In: 35.032+/-0.139 χ^2/NDF:3989.1/48

Out: 35.137+/-0.136 χ^2/NDF:5724.8/54

All: 35.086+/-0.097 χ^2/NDF: 9714.2/103

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -30.889+/-0.510 χ^2/NDF: 1447.8/25

Left Out: -29.080+/-0.187 χ^2/NDF:10059.5/24

Right Out: -38.070+/-0.447 χ^2/NDF: 2665.4/29

Left In: -28.735+/-0.189 χ^2/NDF:9155.5/22

Left: -28.909+/-0.133 χ^2/NDF: 19216.6/47

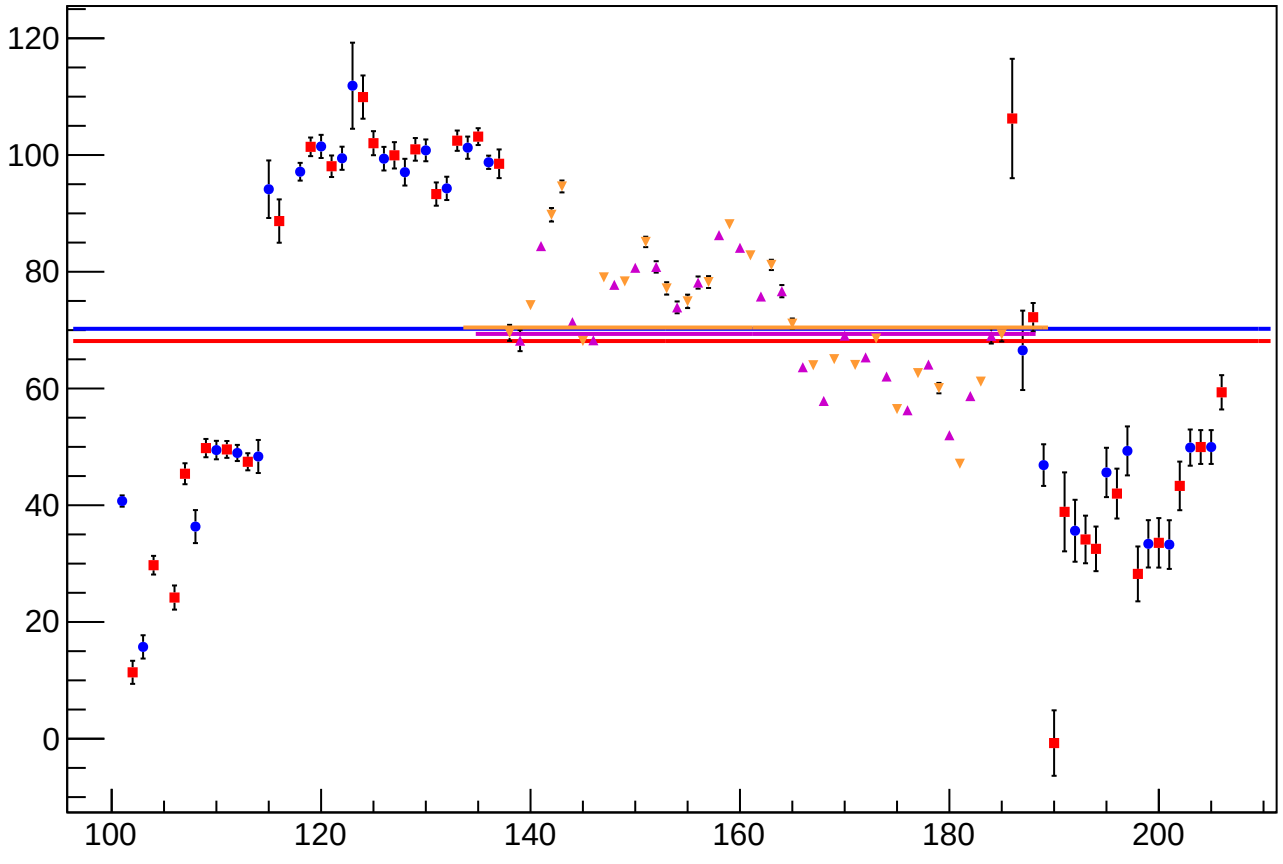
Right: -34.951+/-0.336 χ^2/NDF: 4225.3/55

In: -28.995+/-0.177 χ^2/NDF:10619.0/48

Out: -30.422+/-0.173 χ^2/NDF:13068.9/54

All: -29.727+/-0.124 χ^2/NDF: 23721.1/103

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.228+/-0.405 χ^2/NDF: 5174.0/25

Left Out: 70.450+/-0.167 χ^2/NDF:4484.7/24

Right Out: 68.131+/-0.405 χ^2/NDF: 6019.7/29

Left In: 69.350+/-0.170 χ^2/NDF:3330.7/22

Left: 69.910+/-0.119 χ^2/NDF: 7836.8/47

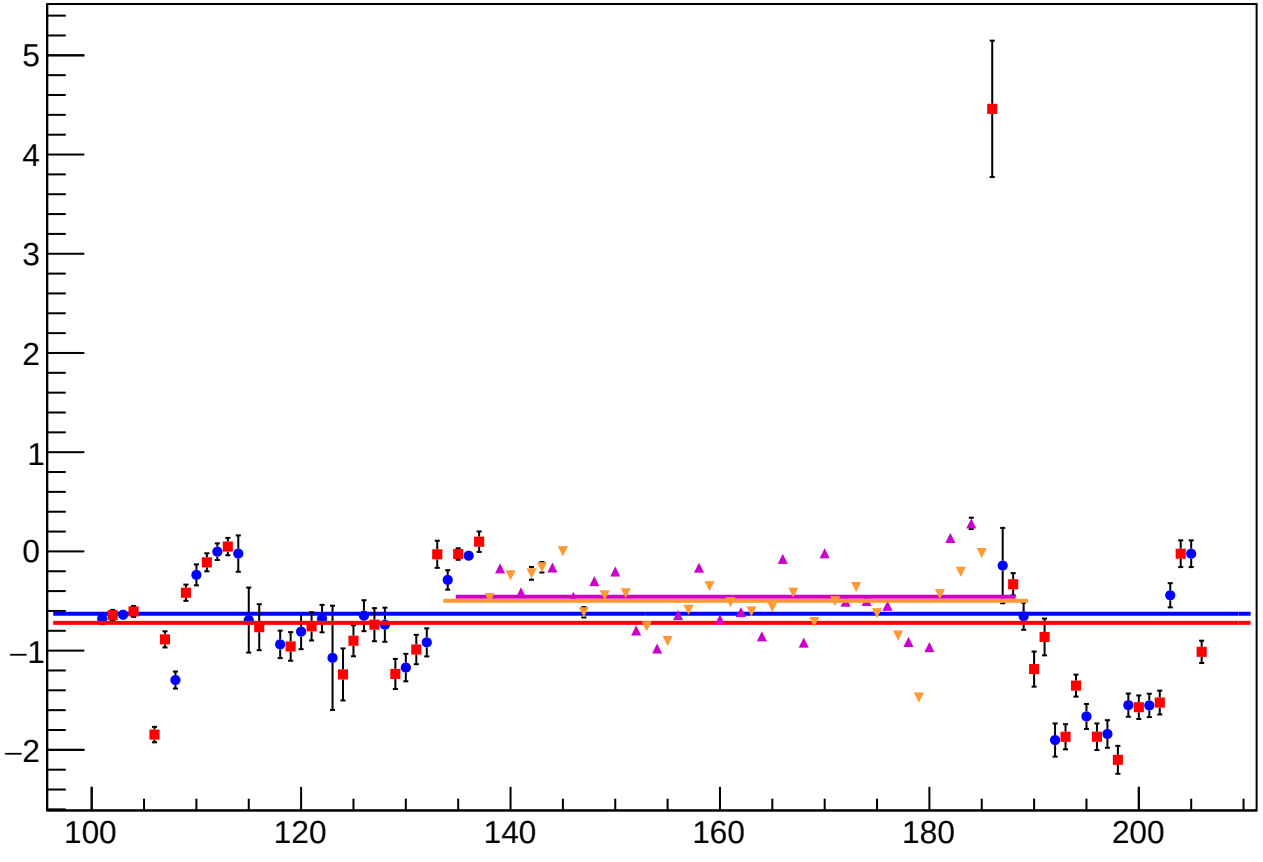
Right: 69.179+/-0.286 χ^2/NDF: 11207.1/55

In: 69.482+/-0.156 χ^2/NDF:8508.7/48

Out: 70.114+/-0.154 χ^2/NDF:10532.4/54

All: 69.803+/-0.110 χ^2/NDF: 19049.4/103

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.628+/-0.020 χ^2/NDF: 685.9/25

Left Out: -0.498+/-0.008 χ^2/NDF:1440.7/24

Right Out: -0.720+/-0.019 χ^2/NDF: 1101.1/29

Left In: -0.457+/-0.008 χ^2/NDF:1975.2/22

Left: -0.478+/-0.005 χ^2/NDF: 3430.2/47

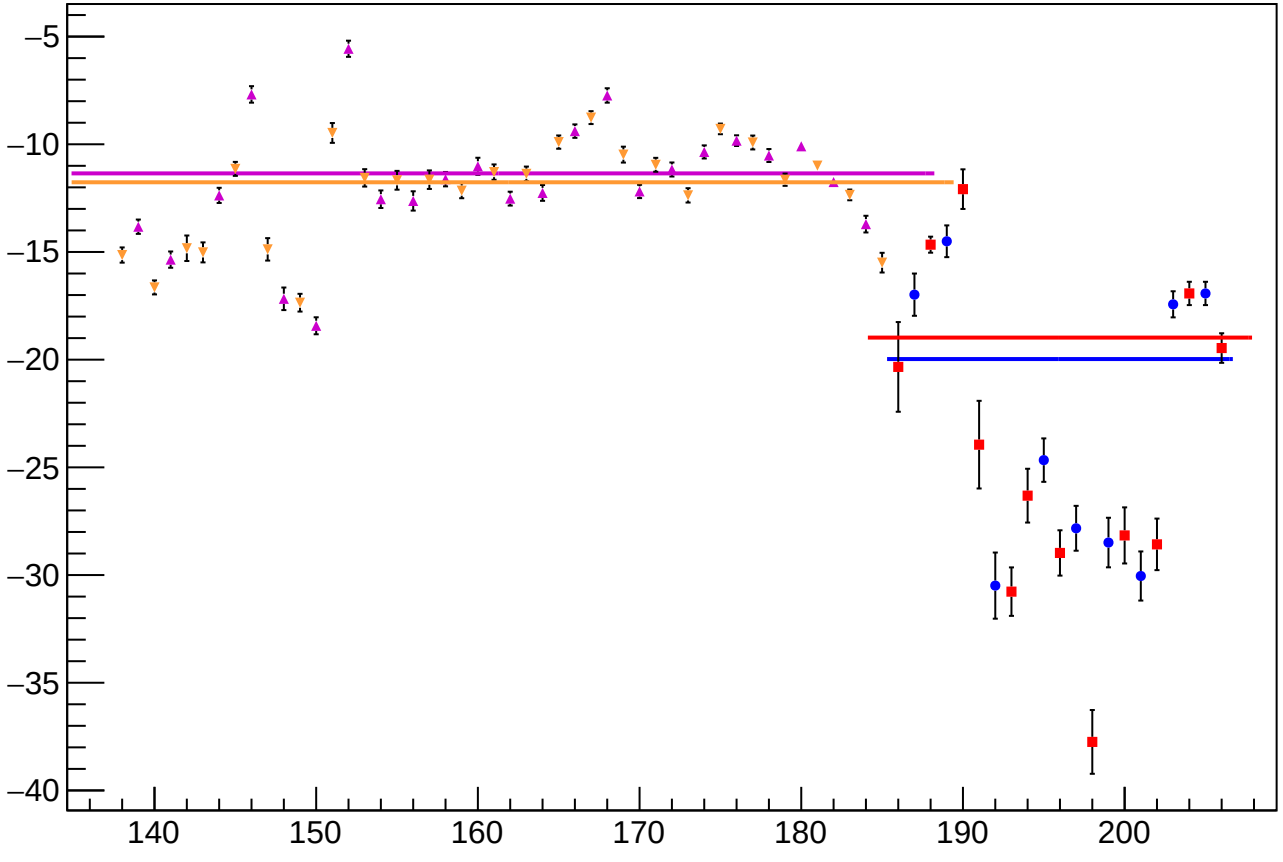
Right: -0.677+/-0.014 χ^2/NDF: 1798.1/55

In: -0.479+/-0.007 χ^2/NDF:2724.7/48

Out: -0.529+/-0.007 χ^2/NDF:2661.5/54

All: -0.504+/-0.005 χ^2/NDF: 5411.0/103

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.972+/-0.279 χ^2/NDF: 371.9/8

Left Out: -11.764+/-0.067 χ^2/NDF:1025.9/24

Right Out: -18.975+/-0.233 χ^2/NDF: 721.3/11

Left In: -11.352+/-0.068 χ^2/NDF:1280.6/22

Left: -11.561+/-0.048 χ^2/NDF: 2325.4/47

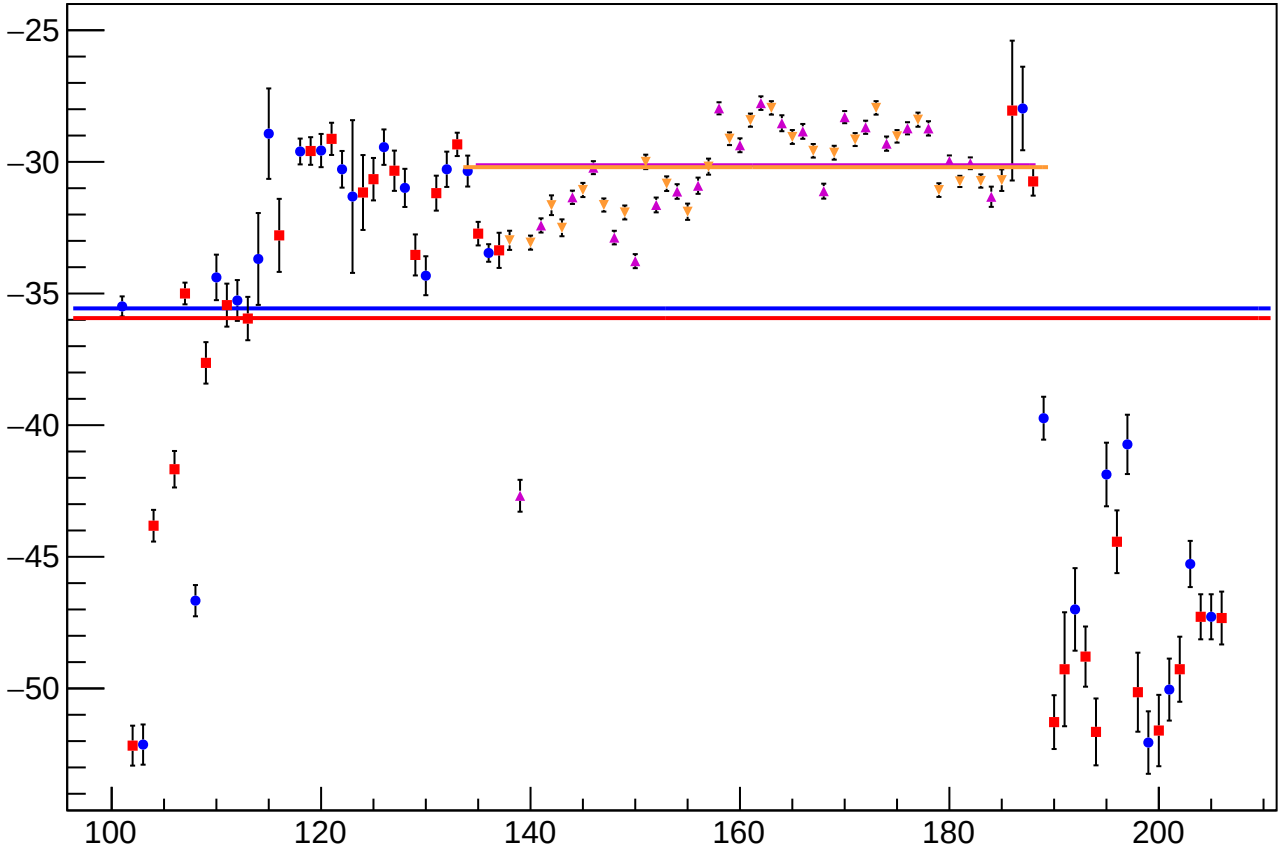
Right: -19.384+/-0.179 χ^2/NDF: 1100.7/20

In: -11.832+/-0.066 χ^2/NDF:2555.7/31

Out: -12.314+/-0.064 χ^2/NDF:2635.3/36

All: -12.079+/-0.046 χ^2/NDF: 5218.5/68

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.565+/-0.139 χ^2/NDF: 2247.8/25

Left Out: -30.201+/-0.054 χ^2/NDF:725.7/24

Right Out: -35.934+/-0.135 χ^2/NDF: 2779.0/29

Left In: -30.128+/-0.055 χ^2/NDF:1290.4/22

Left: -30.165+/-0.039 χ^2/NDF: 2017.0/47

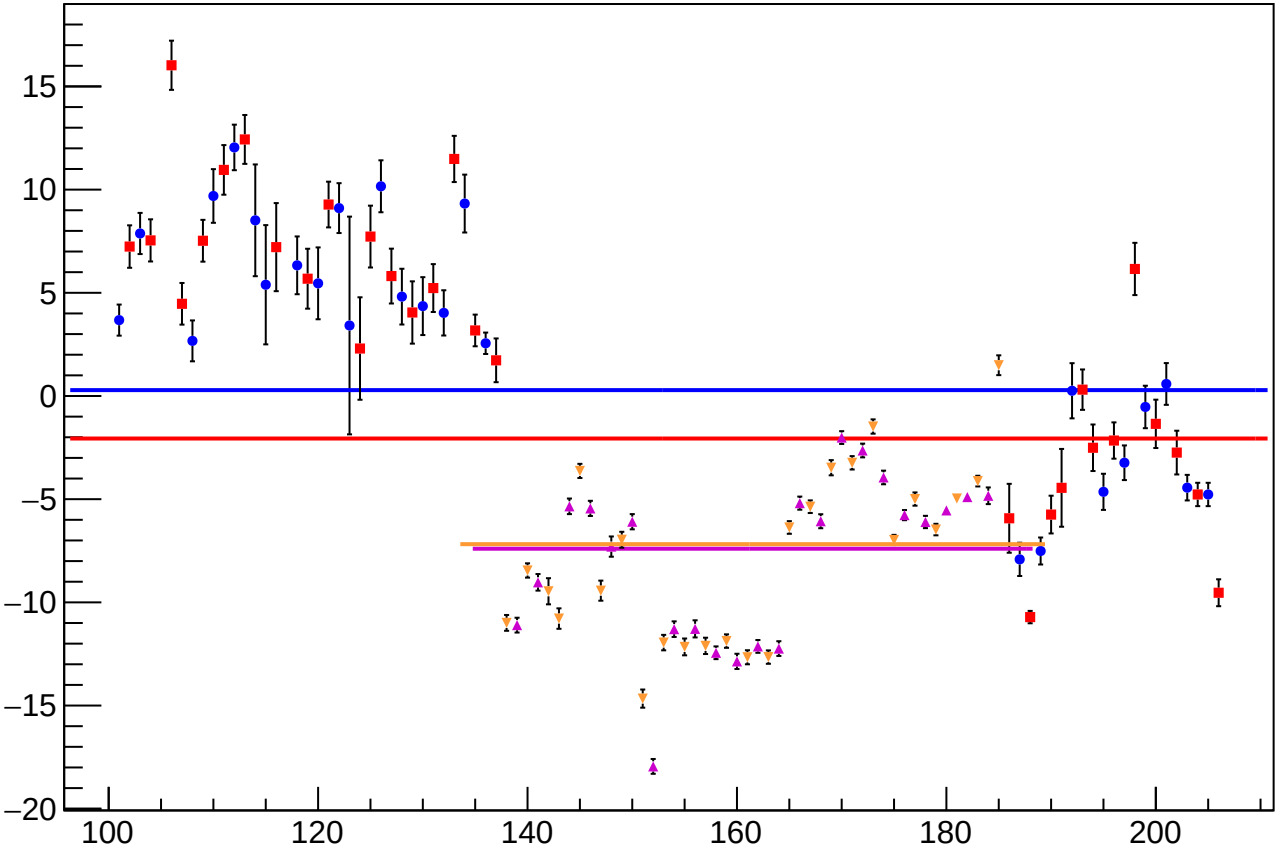
Right: -35.754+/-0.097 χ^2/NDF: 5030.4/55

In: -30.874+/-0.051 χ^2/NDF:4862.3/48

Out: -30.989+/-0.050 χ^2/NDF:5055.3/54

All: -30.933+/-0.036 χ^2/NDF: 9920.0/103

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.285+/-0.187 χ^2/NDF: 930.6/25

Left Out: -7.180+/-0.067 χ^2/NDF:3015.8/24

Right Out: -2.061+/-0.164 χ^2/NDF: 2350.3/29

Left In: -7.400+/-0.068 χ^2/NDF:3134.9/22

Left: -7.289+/-0.048 χ^2/NDF: 6156.0/47

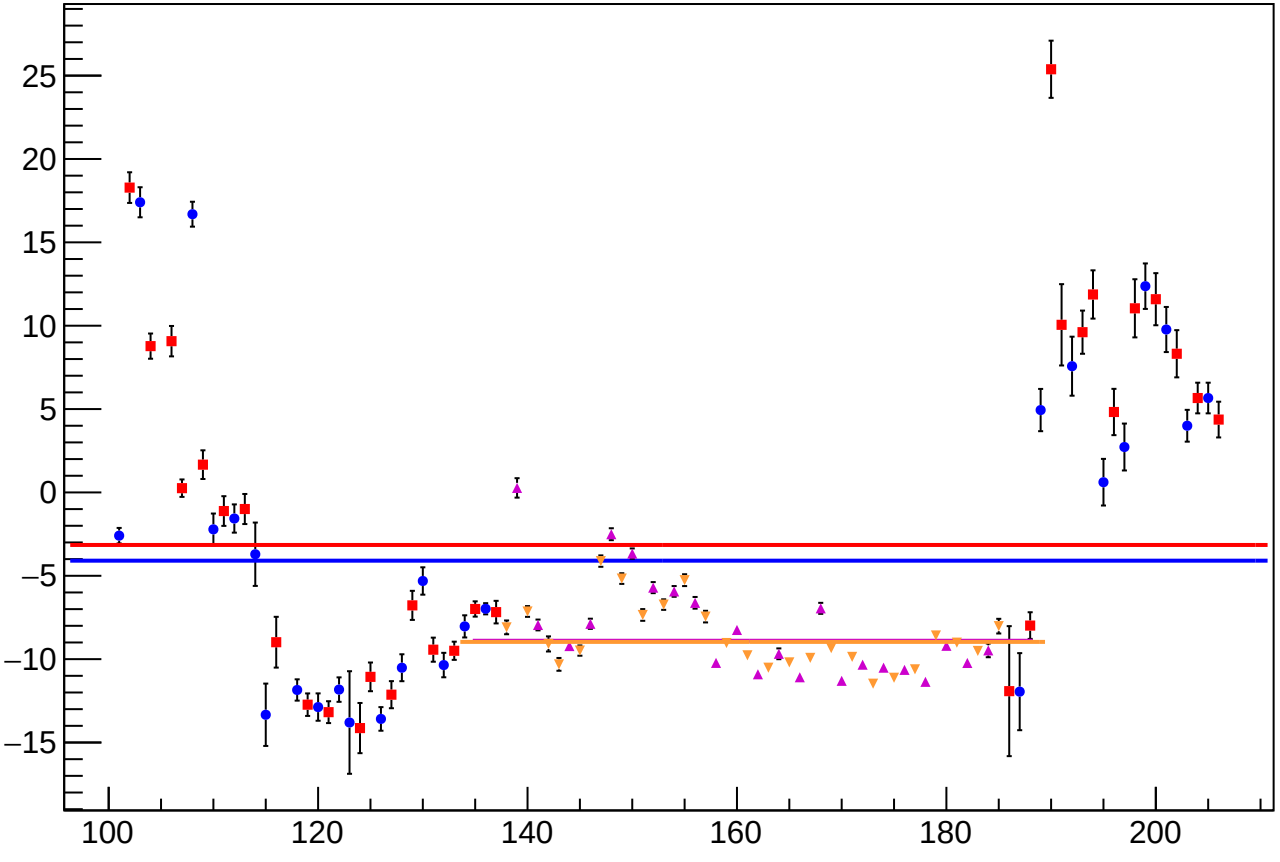
Right: -1.039+/-0.123 χ^2/NDF: 3369.5/55

In: -6.513+/-0.064 χ^2/NDF:5558.1/48

Out: -6.452+/-0.062 χ^2/NDF:6197.5/54

All: -6.482+/-0.044 χ^2/NDF: 11756.1/103

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.094+/-0.158 χ^2/NDF: 2774.9/25

Left Out: -8.965+/-0.060 χ^2/NDF:876.6/24

Right Out: -3.151+/-0.157 χ^2/NDF: 3047.4/29

Left In: -8.898+/-0.061 χ^2/NDF:1584.0/22

Left: -8.932+/-0.043 χ^2/NDF: 2461.2/47

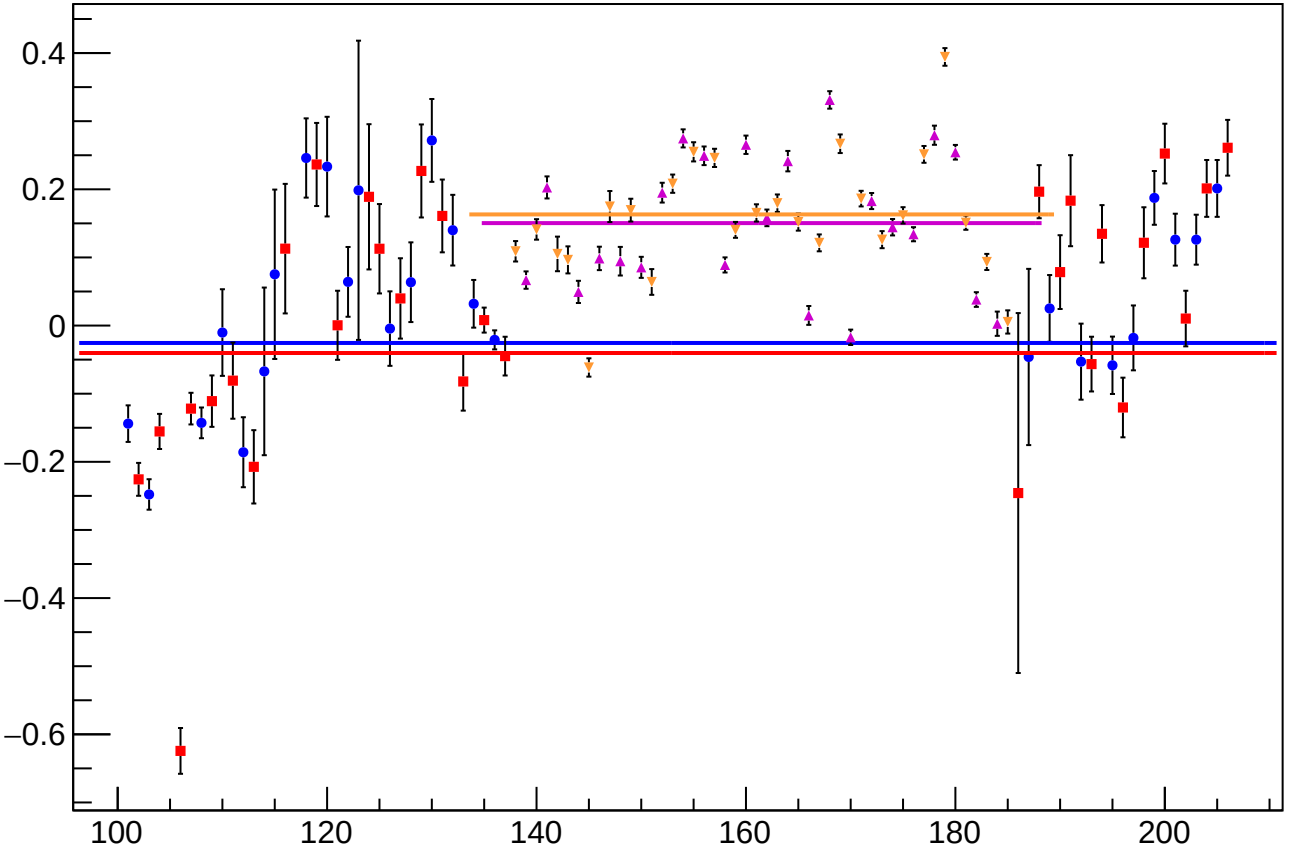
Right: -3.621+/-0.111 χ^2/NDF: 5840.2/55

In: -8.264+/-0.057 χ^2/NDF:5163.7/48

Out: -8.221+/-0.056 χ^2/NDF:5115.6/54

All: -8.242+/-0.040 χ^2/NDF: 10279.6/103

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.026+/-0.007 χ^2/NDF: 327.4/25

Left Out: 0.163+/-0.003 χ^2/NDF:1011.4/24

Right Out: -0.040+/-0.007 χ^2/NDF: 697.9/29

Left In: 0.150+/-0.003 χ^2/NDF:1296.5/22

Left: 0.157+/-0.002 χ^2/NDF: 2318.7/47

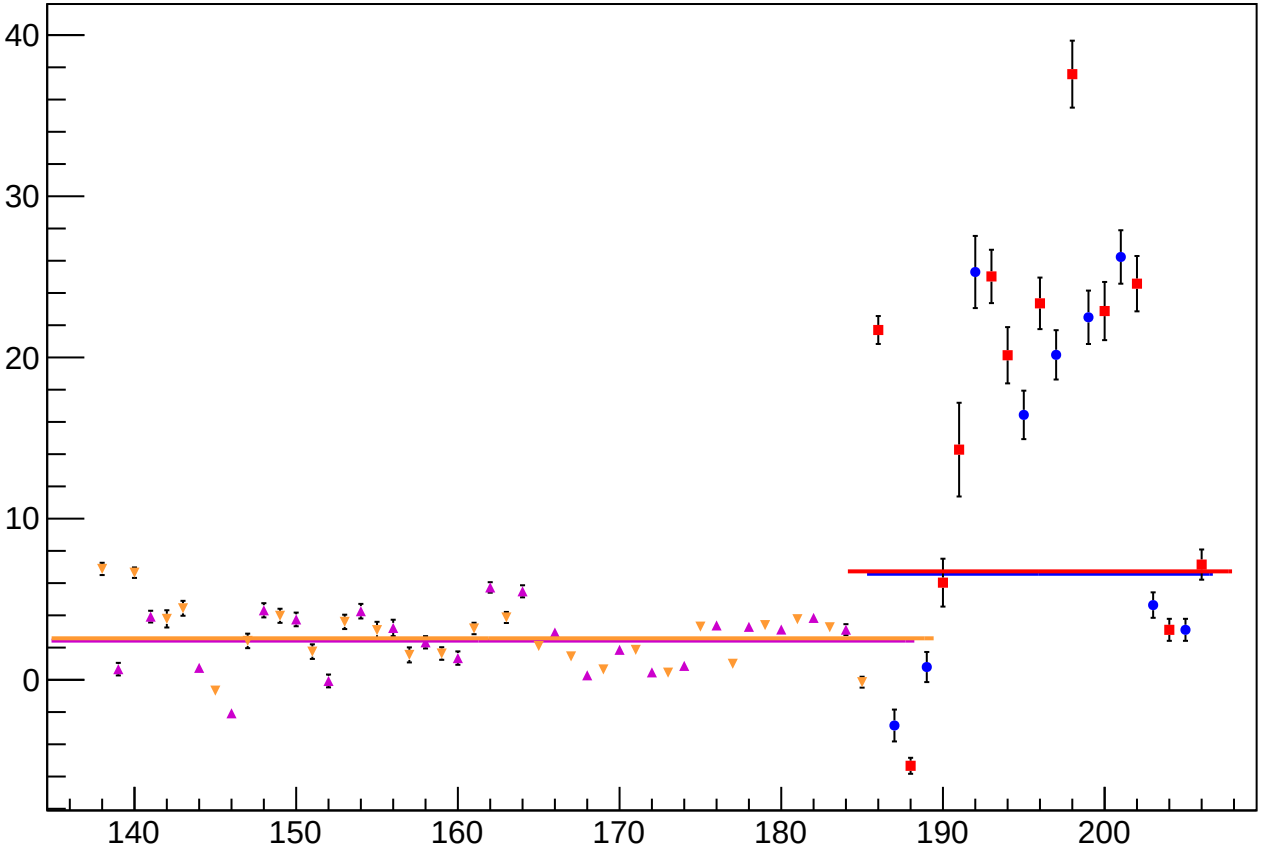
Right: -0.033+/-0.005 χ^2/NDF: 1027.3/55

In: 0.129+/-0.003 χ^2/NDF:2130.0/48

Out: 0.137+/-0.003 χ^2/NDF:2417.7/54

All: 0.133+/-0.002 χ^2/NDF: 4553.3/103

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.581+/-0.360 χ^2/NDF: 585.5/8

Left Out: 2.575+/-0.058 χ^2/NDF:868.1/24

Right Out: 6.728+/-0.299 χ^2/NDF: 1622.8/11

Left In: 2.433+/-0.059 χ^2/NDF:882.9/22

Left: 2.505+/-0.042 χ^2/NDF: 1754.0/47

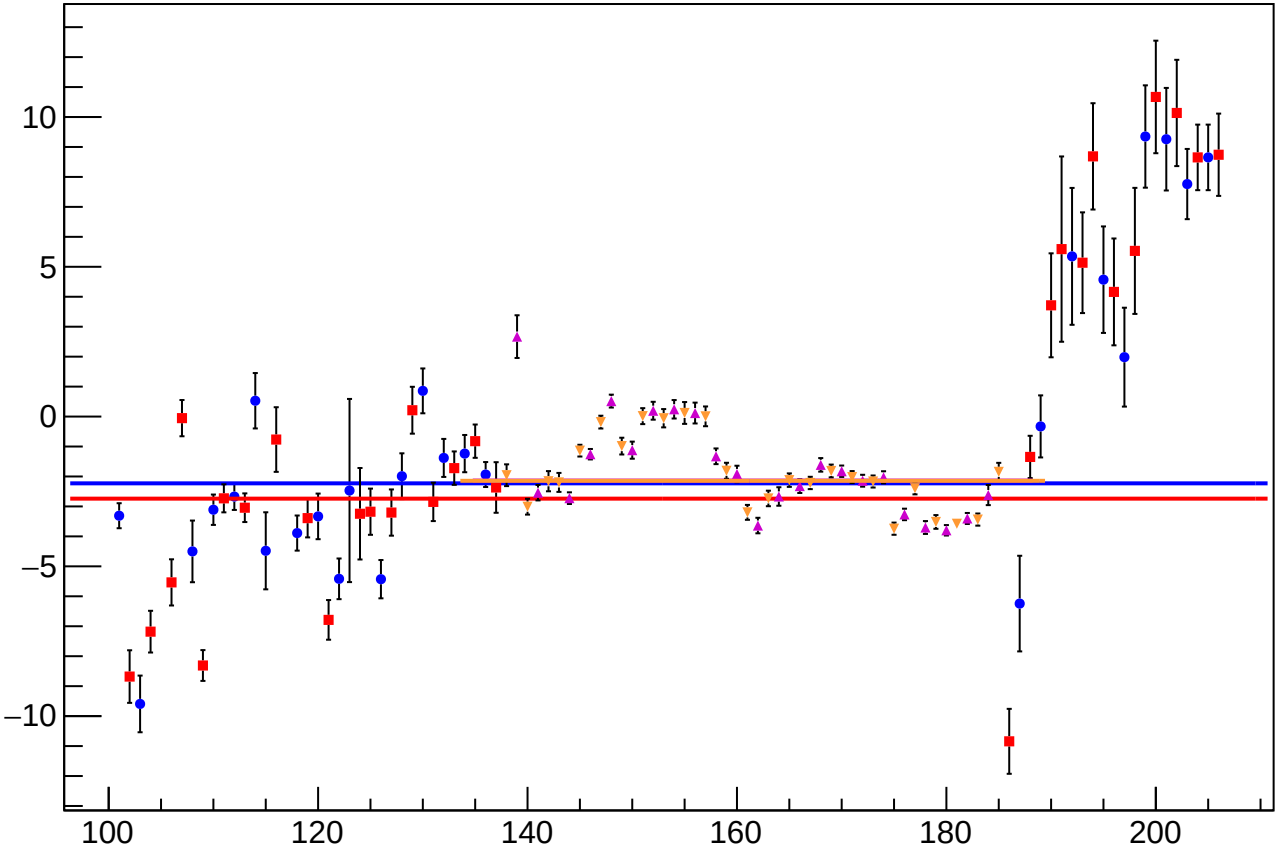
Right: 6.668+/-0.230 χ^2/NDF: 2208.4/20

In: 2.542+/-0.058 χ^2/NDF:1597.7/31

Out: 2.728+/-0.057 χ^2/NDF:2677.1/36

All: 2.637+/-0.041 χ^2/NDF: 4279.9/68

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.229+/-0.146 χ^2/NDF: 471.6/25

Left Out: -2.145+/-0.048 χ^2/NDF:572.6/24

Right Out: -2.740+/-0.144 χ^2/NDF: 765.9/29

Left In: -2.137+/-0.048 χ^2/NDF:693.6/22

Left: -2.141+/-0.034 χ^2/NDF: 1266.1/47

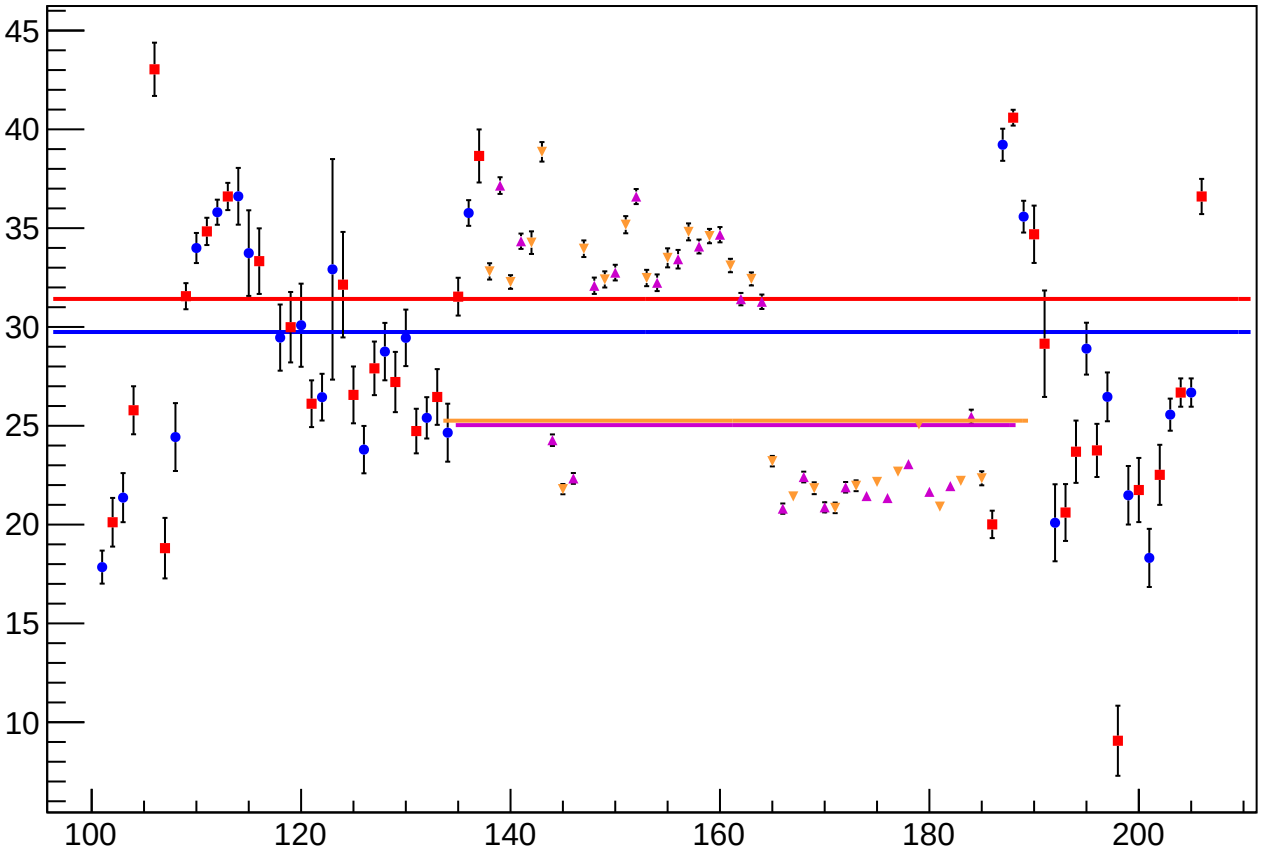
Right: -2.489+/-0.103 χ^2/NDF: 1243.7/55

In: -2.146+/-0.046 χ^2/NDF:1165.5/48

Out: -2.203+/-0.045 χ^2/NDF:1353.9/54

All: -2.175+/-0.032 χ^2/NDF: 2520.2/103

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.745+/-0.209 χ^2/NDF: 912.0/25

Left Out: 25.258+/-0.059 χ^2/NDF:8135.5/24

Right Out: 31.418+/-0.184 χ^2/NDF: 1674.7/29

Left In: 25.034+/-0.059 χ^2/NDF:7690.0/22

Left: 25.147+/-0.042 χ^2/NDF: 15832.7/47

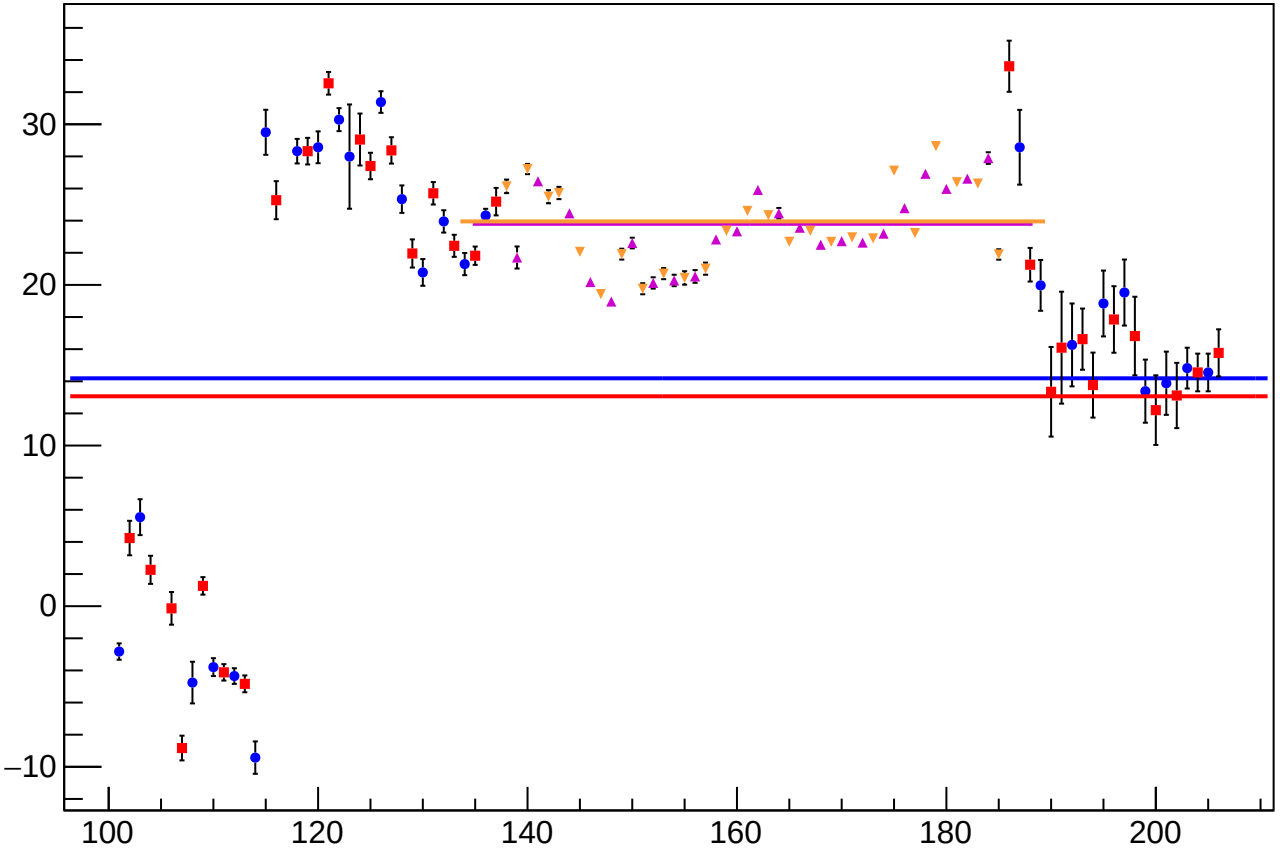
Right: 30.685+/-0.138 χ^2/NDF: 2622.9/55

In: 25.387+/-0.057 χ^2/NDF:9074.2/48

Out: 25.829+/-0.056 χ^2/NDF:10824.5/54

All: 25.612+/-0.040 χ^2/NDF: 19929.2/103

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.185+/-0.165 χ^2/NDF: 7458.5/25

Left Out: 23.953+/-0.053 χ^2/NDF:1915.9/24

Right Out: 13.066+/-0.164 χ^2/NDF: 7221.2/29

Left In: 23.804+/-0.054 χ^2/NDF:1760.4/22

Left: 23.880+/-0.038 χ^2/NDF: 3680.1/47

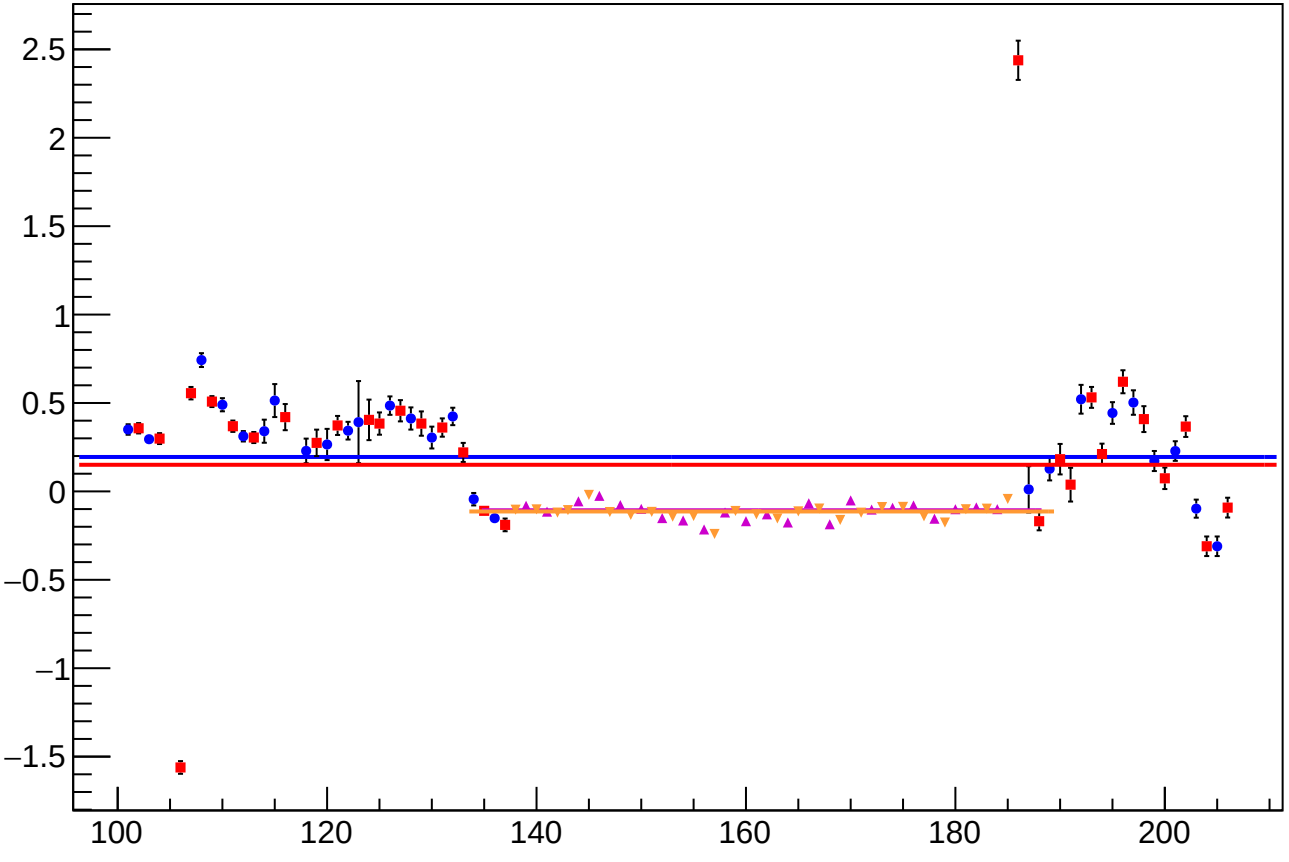
Right: 13.624+/-0.116 χ^2/NDF: 14702.9/55

In: 22.874+/-0.051 χ^2/NDF:12301.9/48

Out: 22.916+/-0.051 χ^2/NDF:13125.3/54

All: 22.895+/-0.036 χ^2/NDF: 25427.6/103

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.195+/-0.009 χ^2/NDF: 1019.2/25

Left Out: -0.114+/-0.002 χ^2/NDF:290.8/24

Right Out: 0.150+/-0.008 χ^2/NDF: 3685.7/29

Left In: -0.107+/-0.002 χ^2/NDF:322.0/22

Left: -0.110+/-0.002 χ^2/NDF: 616.8/47

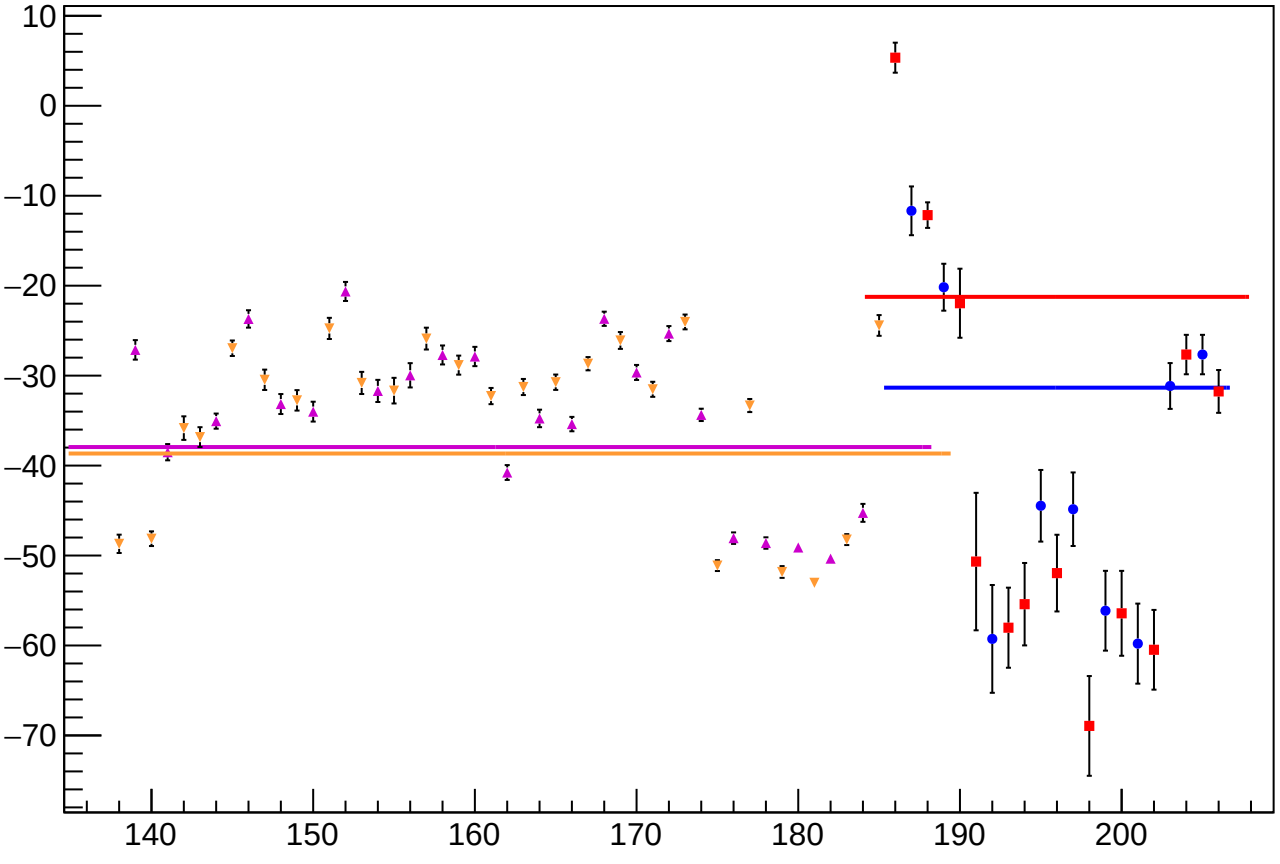
Right: 0.172+/-0.006 χ^2/NDF: 4718.7/55

In: -0.084+/-0.002 χ^2/NDF:2488.4/48

Out: -0.093+/-0.002 χ^2/NDF:4918.4/54

All: -0.088+/-0.002 χ^2/NDF: 7413.8/103

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.338+/-1.056 χ^2/NDF: 189.4/8

Left Out: -38.660+/-0.169 χ^2/NDF:4073.8/24

Right Out: -21.243+/-0.789 χ^2/NDF: 721.3/11

Left In: -37.939+/-0.173 χ^2/NDF:3133.2/22

Left: -38.306+/-0.121 χ^2/NDF: 7216.0/47

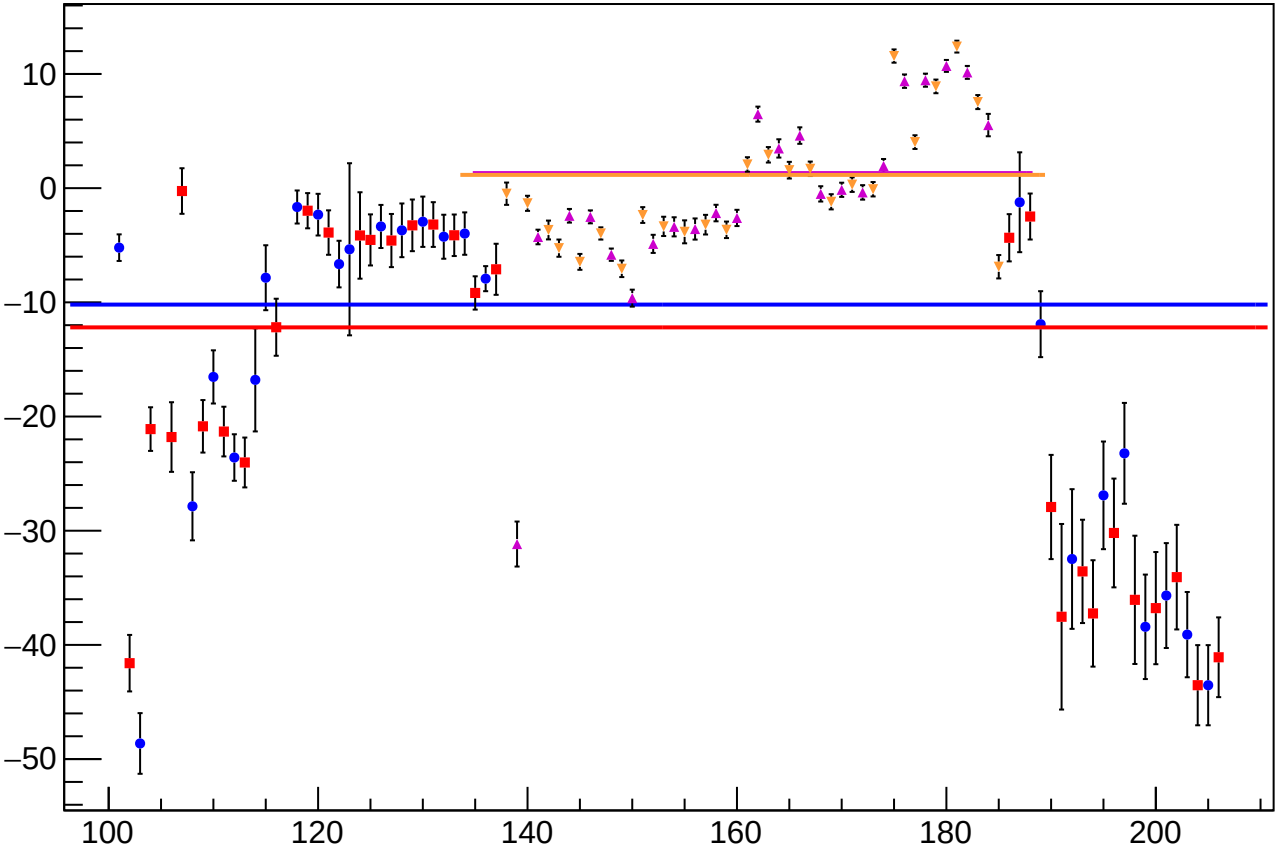
Right: -24.863+/-0.632 χ^2/NDF: 969.4/20

In: -37.768+/-0.170 χ^2/NDF:3360.8/31

Out: -37.893+/-0.166 χ^2/NDF:5260.6/36

All: -37.832+/-0.119 χ^2/NDF: 8621.6/68

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.197+/-0.437 χ^2/NDF: 687.8/25

Left Out: 1.163+/-0.136 χ^2/NDF:1786.1/24

Right Out: -12.193+/-0.443 χ^2/NDF: 763.6/29

Left In: 1.319+/-0.139 χ^2/NDF:2080.7/22

Left: 1.239+/-0.097 χ^2/NDF: 3867.4/47

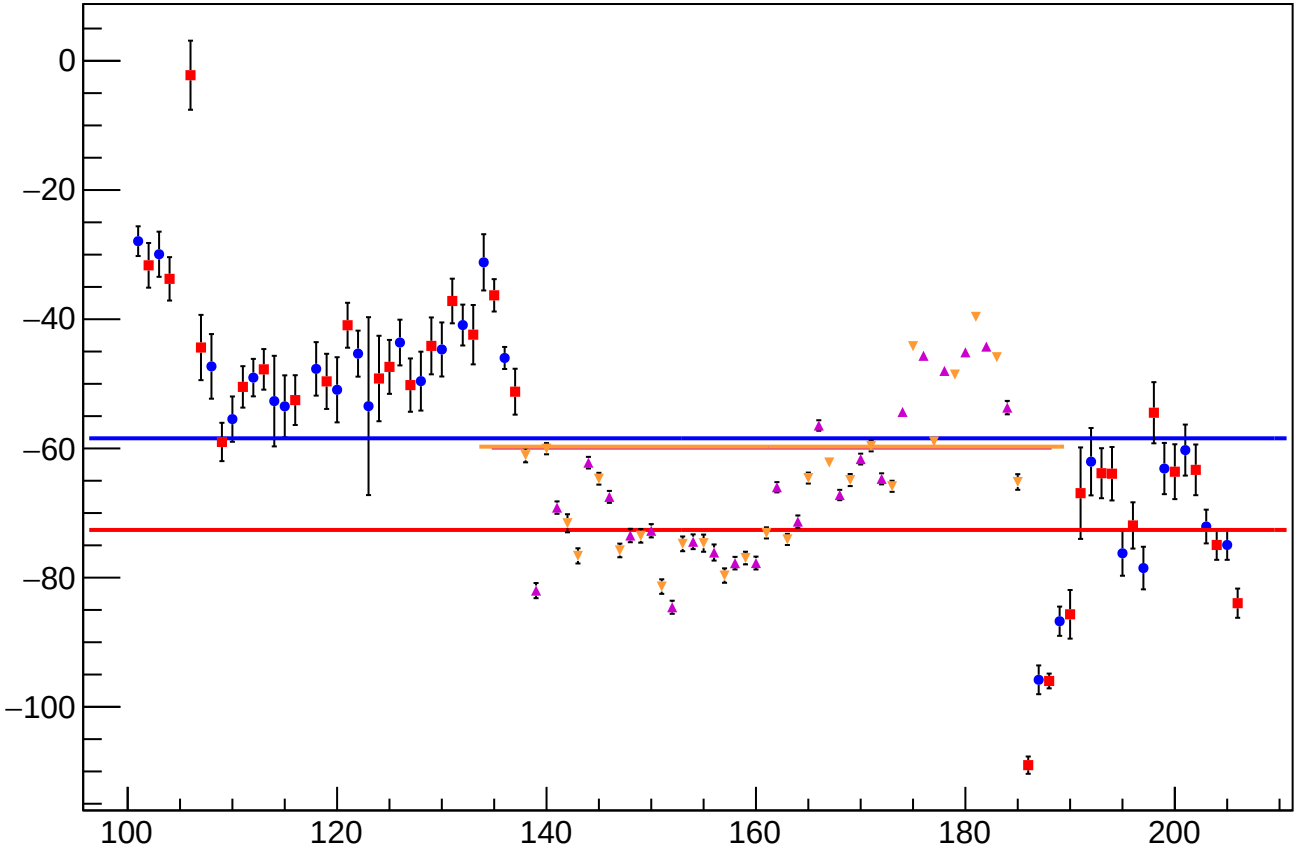
Right: -11.183+/-0.311 χ^2/NDF: 1461.7/55

In: 0.256+/-0.133 χ^2/NDF:3397.6/48

Out: 0.007+/-0.130 χ^2/NDF:3380.8/54

All: 0.129+/-0.093 χ^2/NDF: 6780.2/103

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.432+/-0.631 χ^2/NDF: 1020.2/25

Left Out: -59.724+/-0.170 χ^2/NDF:5789.8/24

Right Out: -72.617+/-0.535 χ^2/NDF: 2494.4/29

Left In: -59.864+/-0.173 χ^2/NDF:5275.1/22

Left: -59.793+/-0.121 χ^2/NDF: 11065.1/47

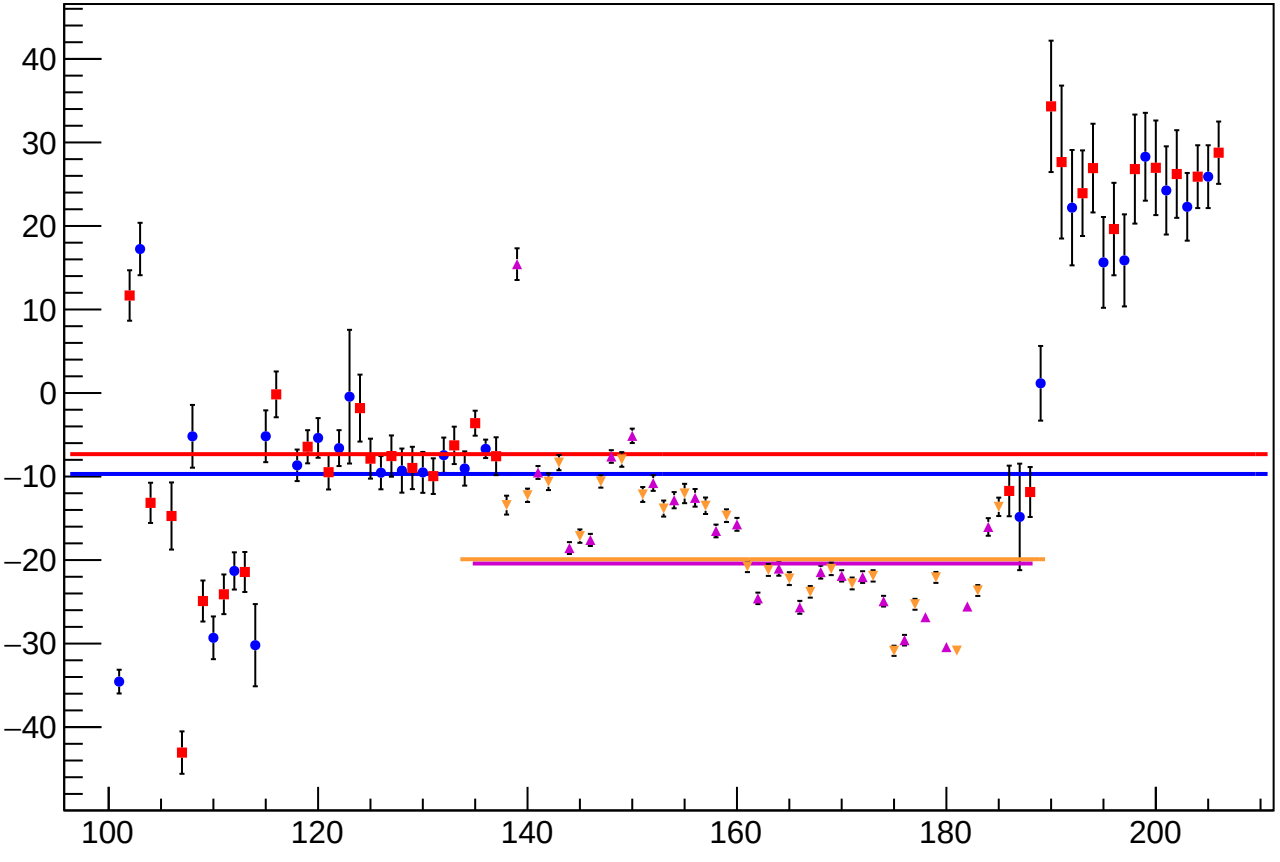
Right: -66.682+/-0.408 χ^2/NDF: 3808.2/55

In: -59.765+/-0.167 χ^2/NDF:6300.1/48

Out: -60.910+/-0.162 χ^2/NDF:8810.5/54

All: -60.352+/-0.116 χ^2/NDF: 15134.8/103

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.691+/-0.496 χ^2/NDF: 818.5/25

Left Out: -19.902+/-0.153 χ^2/NDF:1904.7/24

Right Out: -7.319+/-0.510 χ^2/NDF: 827.1/29

Left In: -20.412+/-0.156 χ^2/NDF:2345.4/22

Left: -20.152+/-0.109 χ^2/NDF: 4255.5/47

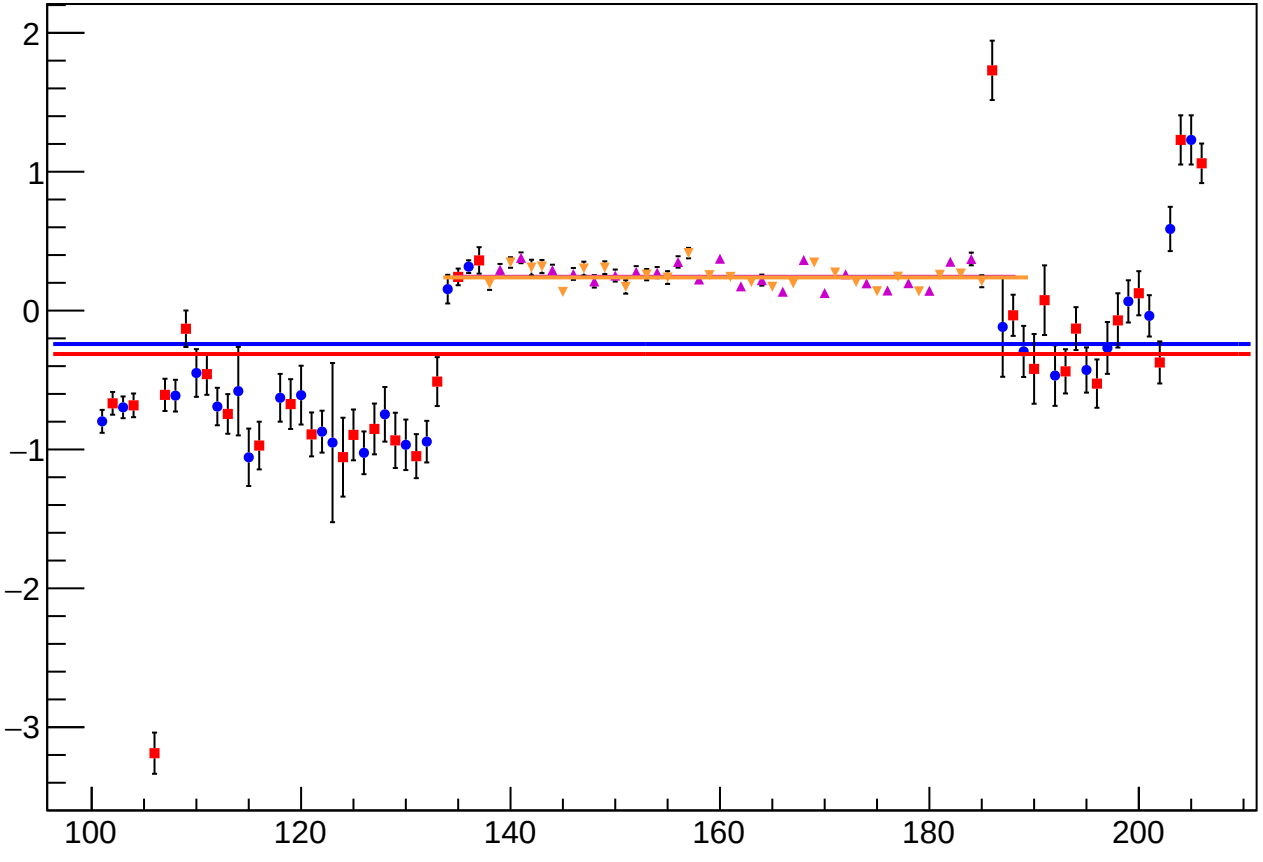
Right: -8.539+/-0.355 χ^2/NDF: 1656.7/55

In: -19.444+/-0.149 χ^2/NDF:3589.3/48

Out: -18.862+/-0.147 χ^2/NDF:3290.1/54

All: -19.149+/-0.104 χ^2/NDF: 6887.1/103

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.241+/-0.025 χ^2/NDF: 482.7/25

Left Out: 0.239+/-0.007 χ^2/NDF:93.5/24

Right Out: -0.313+/-0.025 χ^2/NDF: 936.5/29

Left In: 0.243+/-0.007 χ^2/NDF:139.2/22

Left: 0.241+/-0.005 χ^2/NDF: 232.9/47

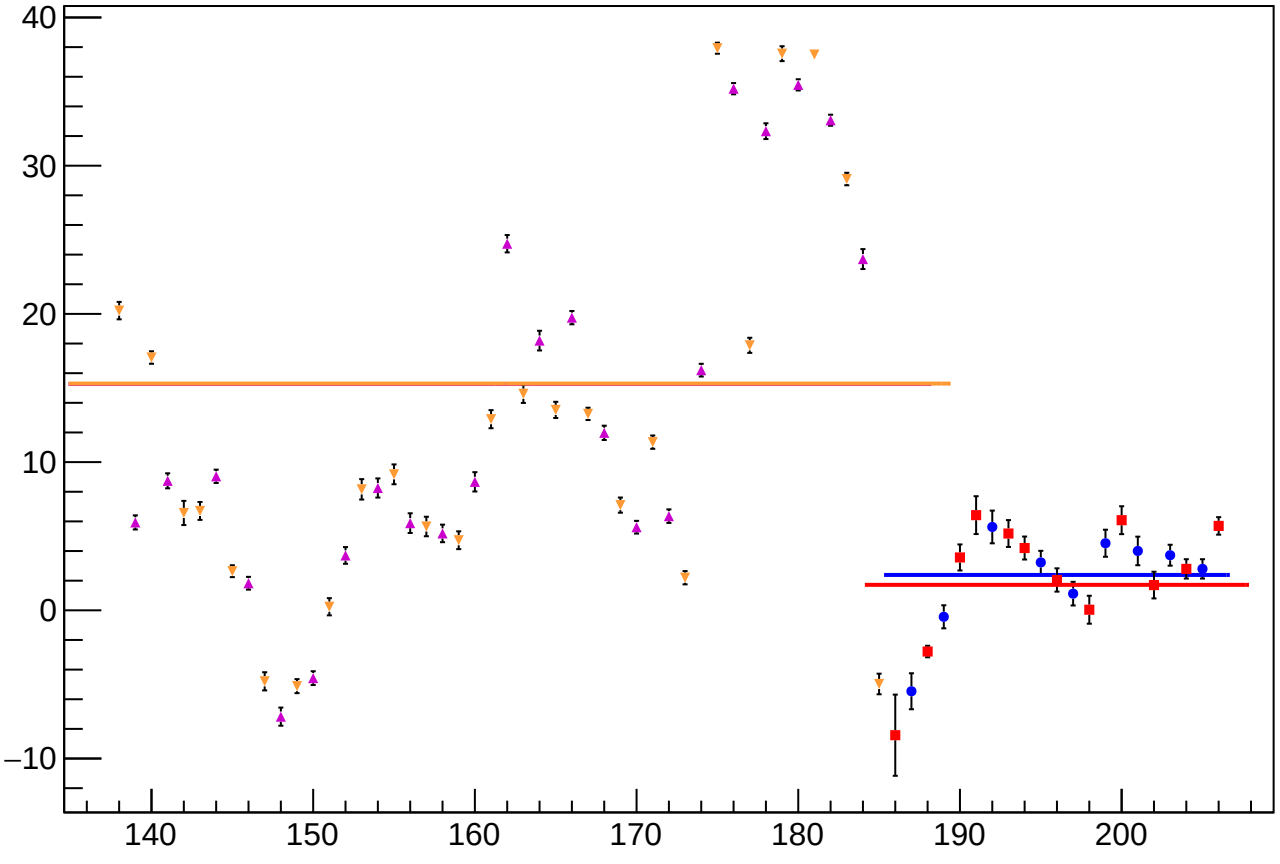
Right: -0.277+/-0.018 χ^2/NDF: 1423.4/55

In: 0.207+/-0.007 χ^2/NDF:969.8/48

Out: 0.198+/-0.007 χ^2/NDF:1487.5/54

All: 0.202+/-0.005 χ^2/NDF: 2458.1/103

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.388+/-0.277 χ^2/NDF: 79.5/8

Left Out: 15.298+/-0.101 χ^2/NDF:19135.0/24

Right Out: 1.719+/-0.214 χ^2/NDF: 263.2/11

Left In: 15.268+/-0.102 χ^2/NDF:16406.3/22

Left: 15.283+/-0.072 χ^2/NDF: 35541.3/47

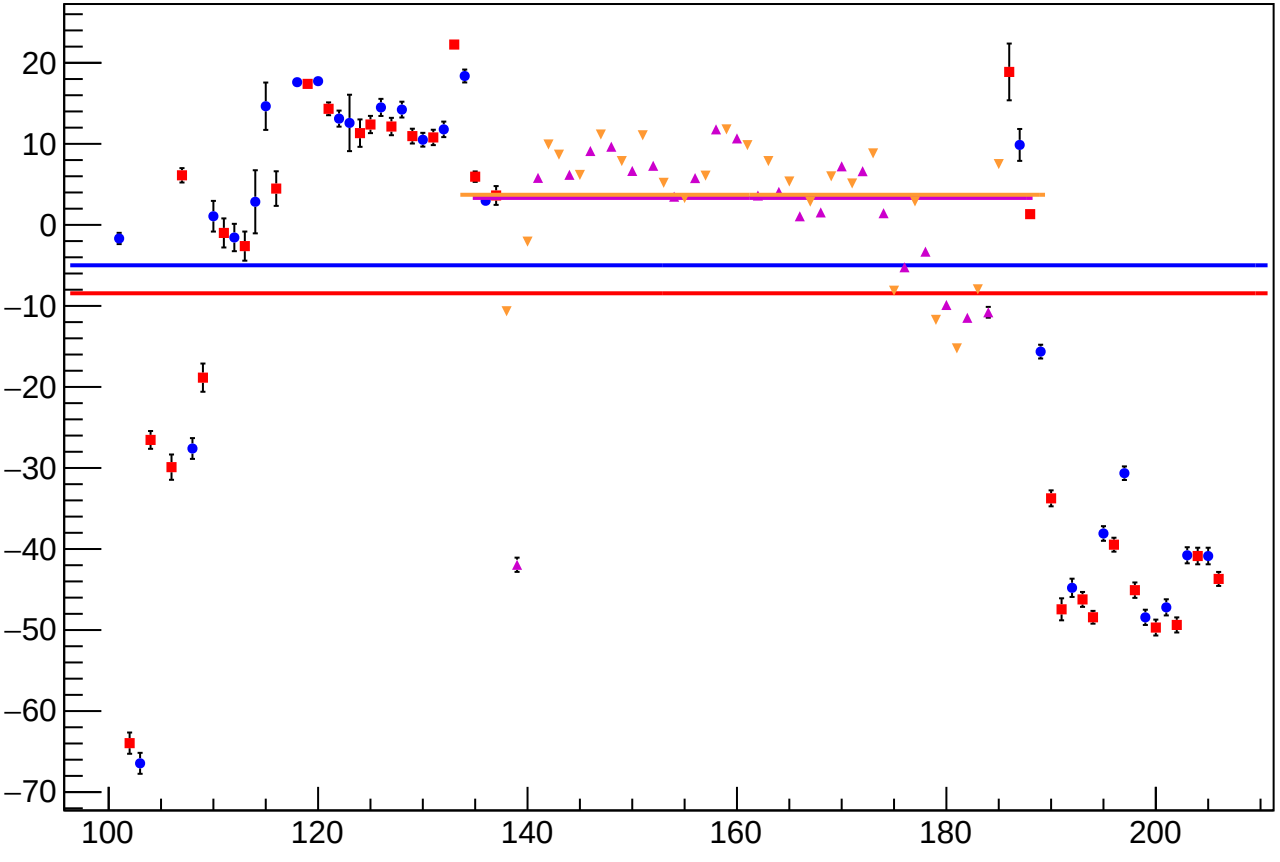
Right: 1.968+/-0.169 χ^2/NDF: 346.4/20

In: 13.731+/-0.096 χ^2/NDF:18384.4/31

Out: 12.835+/-0.091 χ^2/NDF:22697.6/36

All: 13.260+/-0.066 χ^2/NDF: 41127.8/68

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.987+/-0.180 χ^2/NDF: 19226.3/25

Left Out: 3.717+/-0.079 χ^2/NDF:9201.0/24

Right Out: -8.441+/-0.166 χ^2/NDF: 27935.1/29

Left In: 3.327+/-0.081 χ^2/NDF:8830.5/22

Left: 3.527+/-0.057 χ^2/NDF: 18043.4/47

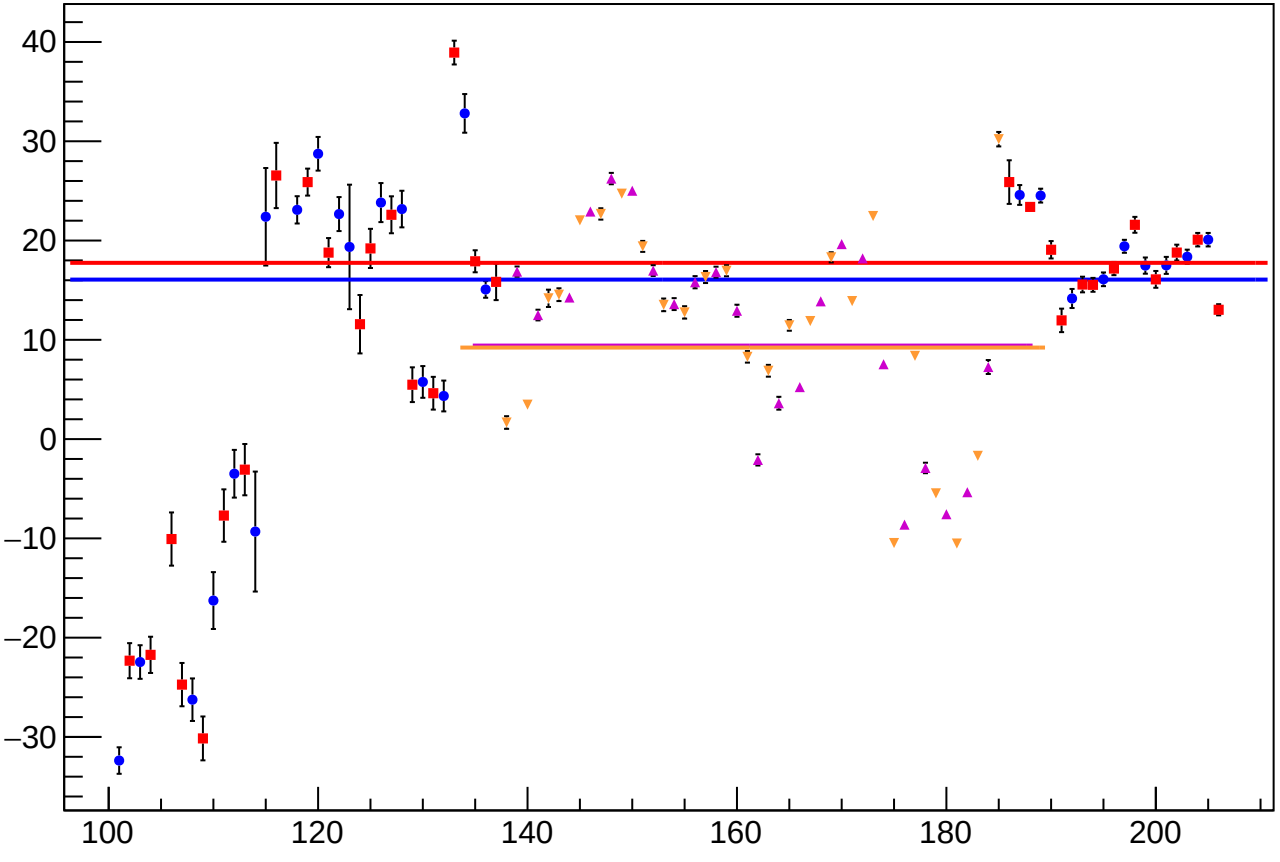
Right: -6.857+/-0.122 χ^2/NDF: 47360.4/55

In: 1.930+/-0.074 χ^2/NDF:29827.1/48

Out: 1.471+/-0.071 χ^2/NDF:41518.5/54

All: 1.692+/-0.051 χ^2/NDF: 71365.6/103

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 16.067+/-0.216 χ^2/NDF: 3039.9/25

Left Out: 9.220+/-0.101 χ^2/NDF:13617.0/24

Right Out: 17.755+/-0.172 χ^2/NDF: 3066.1/29

Left In: 9.420+/-0.102 χ^2/NDF:12078.1/22

Left: 9.319+/-0.072 χ^2/NDF: 25697.1/47

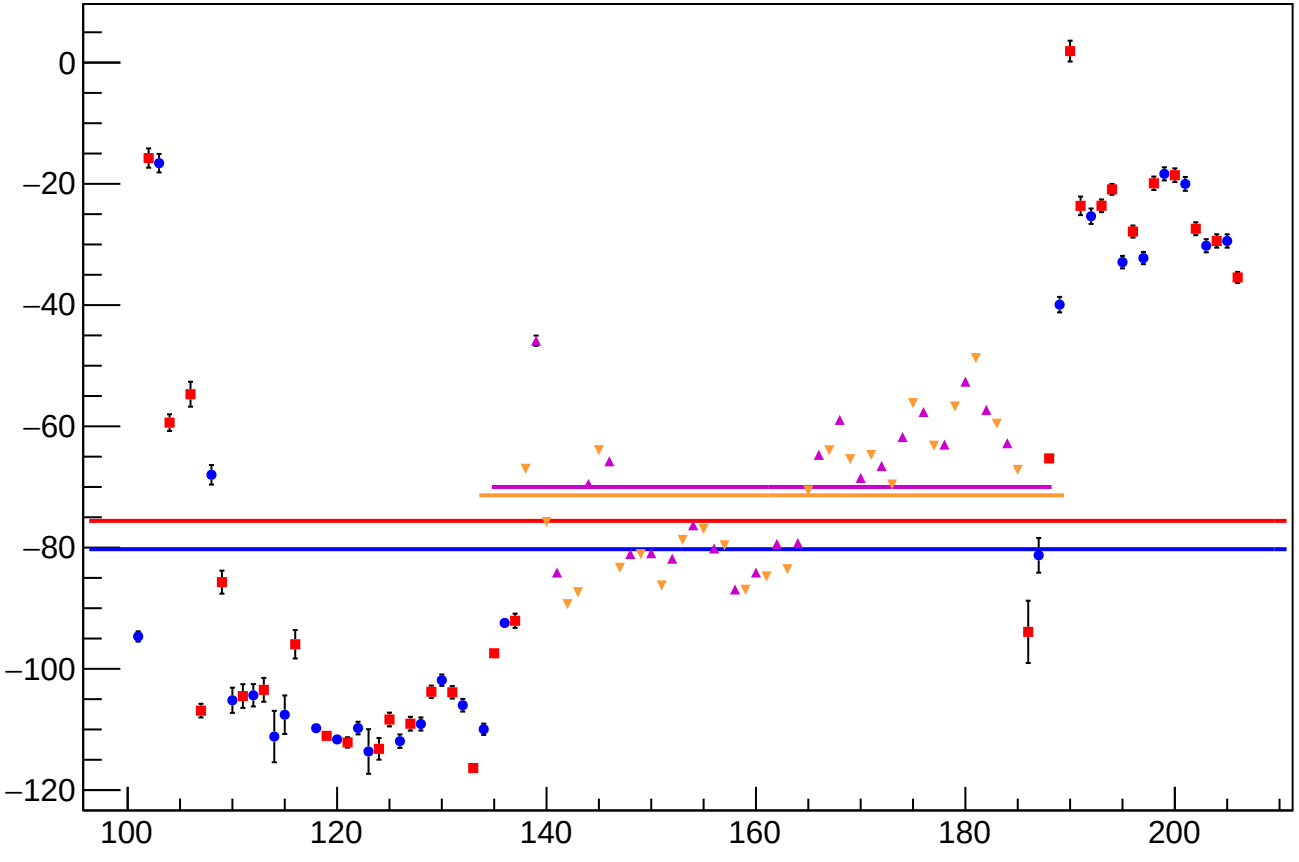
Right: 17.101+/-0.135 χ^2/NDF: 6143.3/55

In: 10.628+/-0.092 χ^2/NDF:15889.6/48

Out: 11.410+/-0.087 χ^2/NDF:18512.2/54

All: 11.041+/-0.063 χ^2/NDF: 34439.8/103

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -80.263+/-0.209 χ^2/NDF: 28867.4/25

Left Out: -71.379+/-0.089 χ^2/NDF:16226.2/24

Right Out: -75.592+/-0.195 χ^2/NDF: 40290.0/29

Left In: -69.999+/-0.091 χ^2/NDF:13188.0/22

Left: -70.704+/-0.064 χ^2/NDF: 29530.5/47

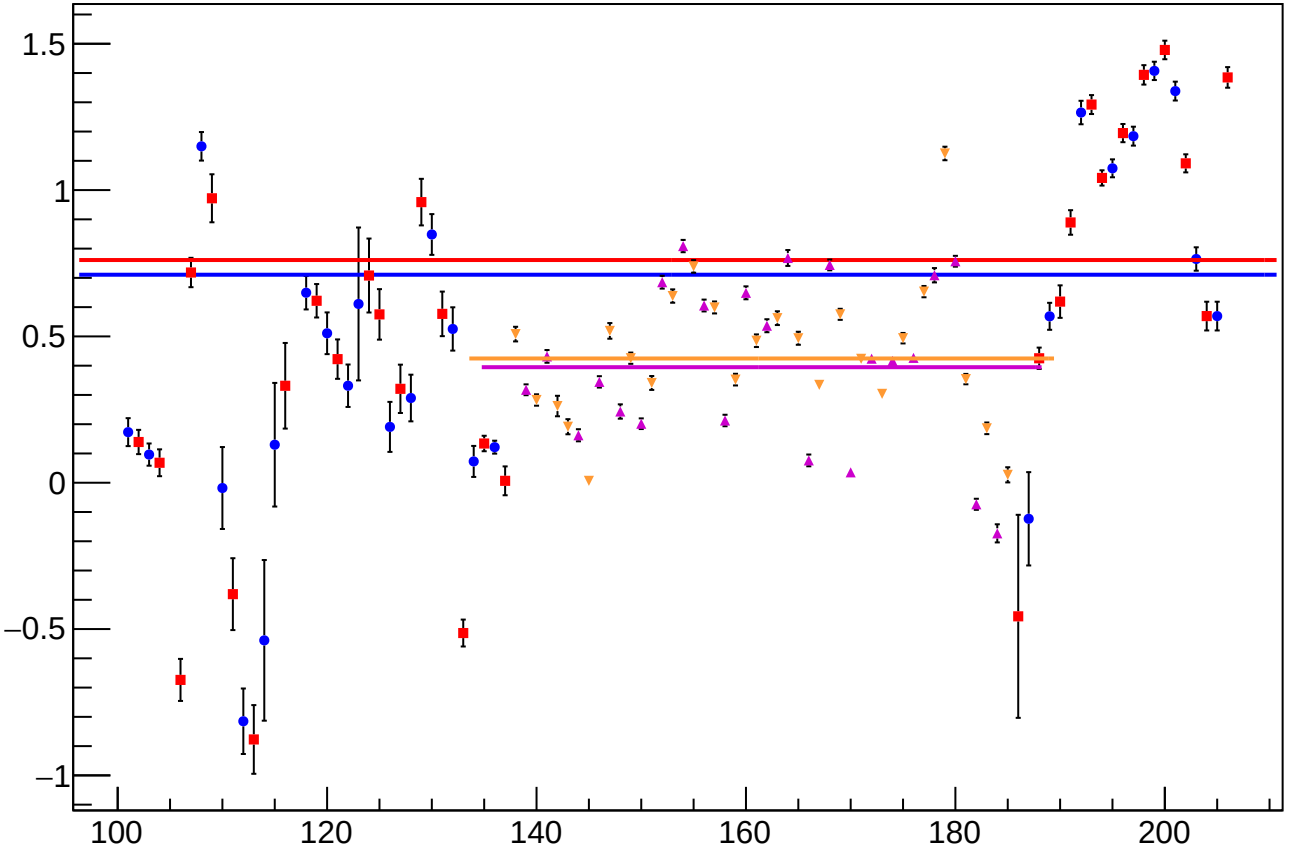
Right: -77.759+/-0.143 χ^2/NDF: 69424.4/55

In: -71.642+/-0.084 χ^2/NDF:44074.4/48

Out: -72.113+/-0.081 χ^2/NDF:56902.6/54

All: -71.885+/-0.058 χ^2/NDF: 100993.3/103

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.711+/-0.009 χ^2/NDF: 3145.8/25

Left Out: 0.425+/-0.004 χ^2/NDF:2866.9/24

Right Out: 0.761+/-0.008 χ^2/NDF: 4801.2/29

Left In: 0.395+/-0.004 χ^2/NDF:4063.1/22

Left: 0.410+/-0.003 χ^2/NDF: 6956.2/47

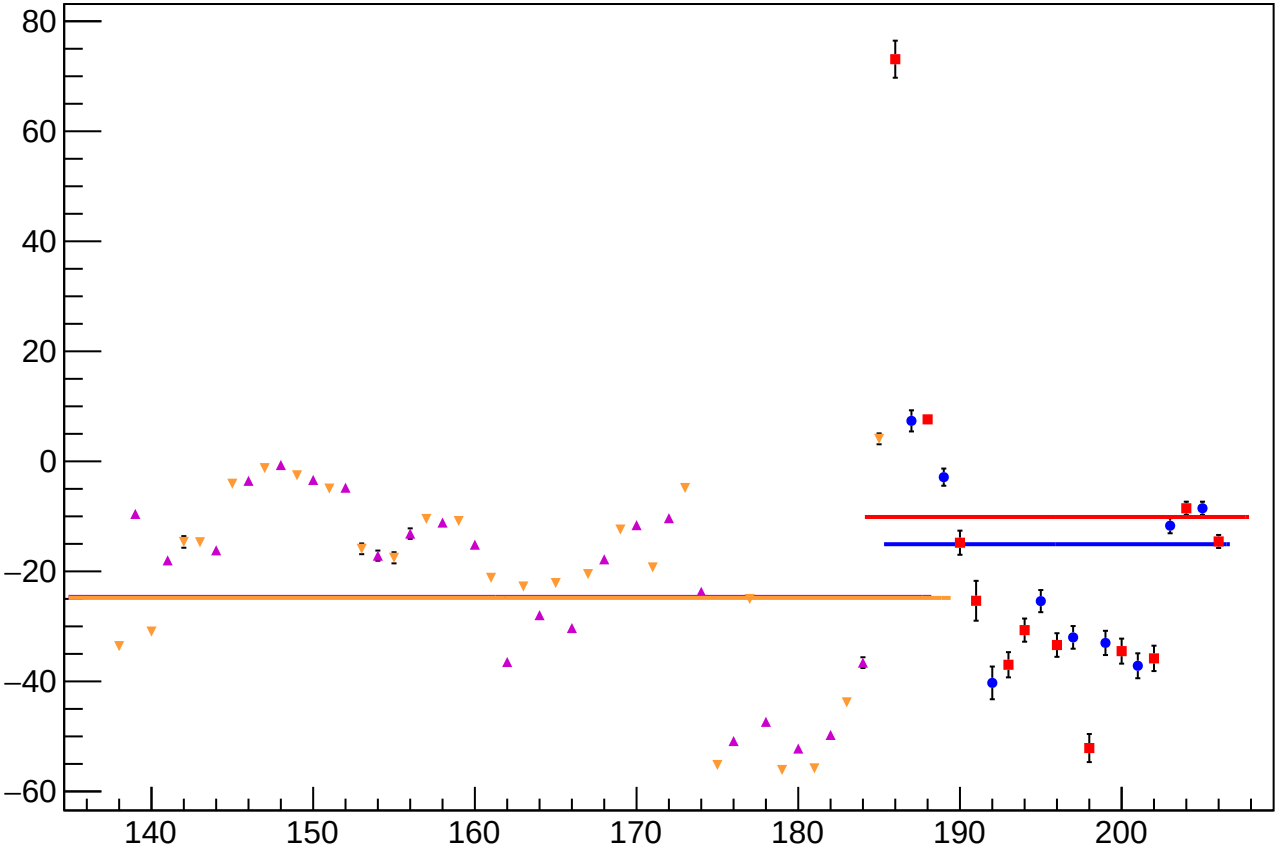
Right: 0.739+/-0.006 χ^2/NDF: 7963.4/55

In: 0.448+/-0.004 χ^2/NDF:8181.4/48

Out: 0.492+/-0.004 χ^2/NDF:9007.3/54

All: 0.470+/-0.003 χ^2/NDF: 17258.6/103

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.063+/-0.587 χ^2/NDF: 560.3/8

Left Out: -24.824+/-0.140 χ^2/NDF:18274.6/24

Right Out: -10.113+/-0.471 χ^2/NDF: 1999.9/11

Left In: -24.635+/-0.142 χ^2/NDF:14947.9/22

Left: -24.731+/-0.100 χ^2/NDF: 33223.4/47

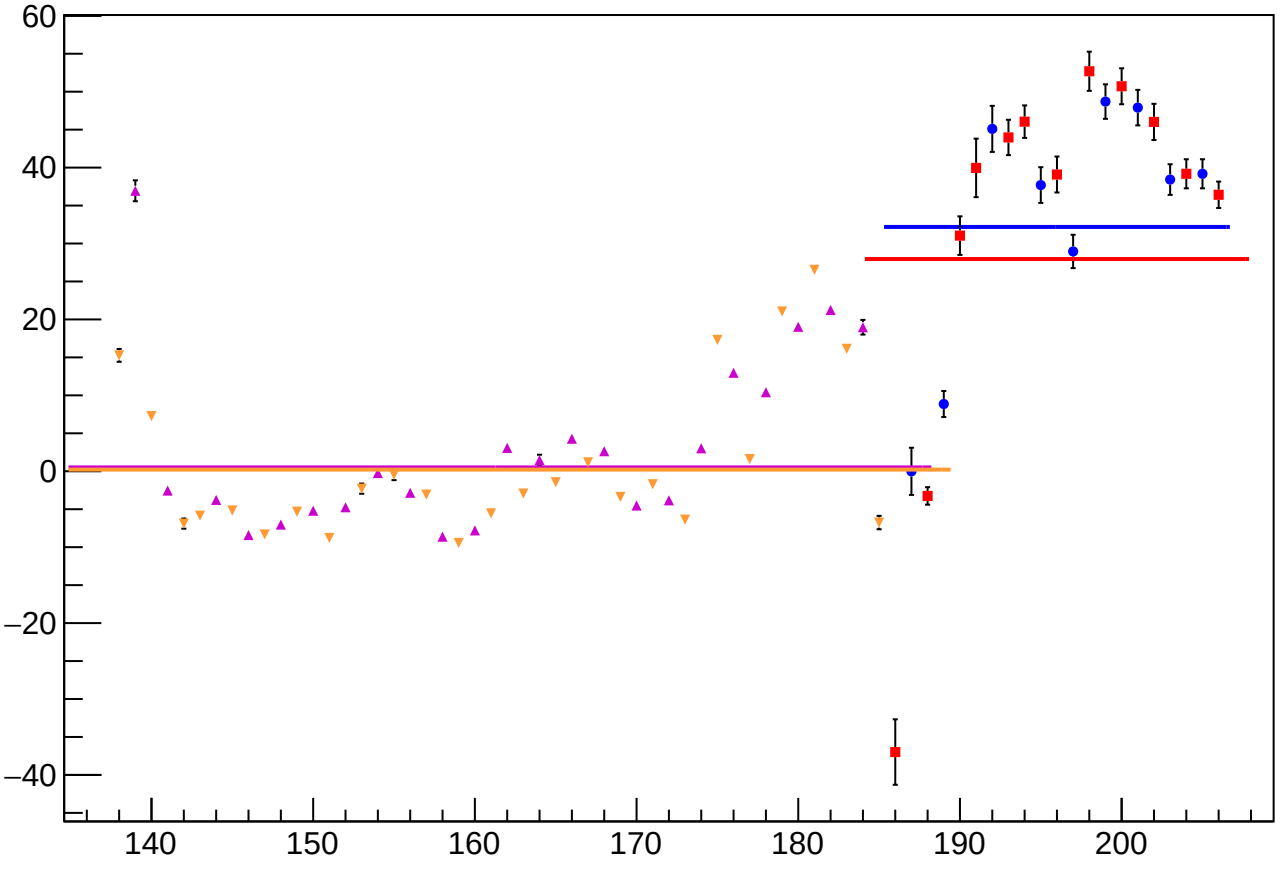
Right: -12.051+/-0.367 χ^2/NDF: 2603.5/20

In: -24.106+/-0.138 χ^2/NDF:15759.2/31

Out: -23.634+/-0.134 χ^2/NDF:21171.4/36

All: -23.863+/-0.096 χ^2/NDF: 36936.7/68

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.184+/-0.739 χ^2/NDF: 438.3/8

Left Out: 0.218+/-0.109 χ^2/NDF:8252.6/24

Right Out: 27.955+/-0.607 χ^2/NDF: 1411.3/11

Left In: 0.507+/-0.112 χ^2/NDF:6626.9/22

Left: 0.358+/-0.078 χ^2/NDF: 14883.0/47

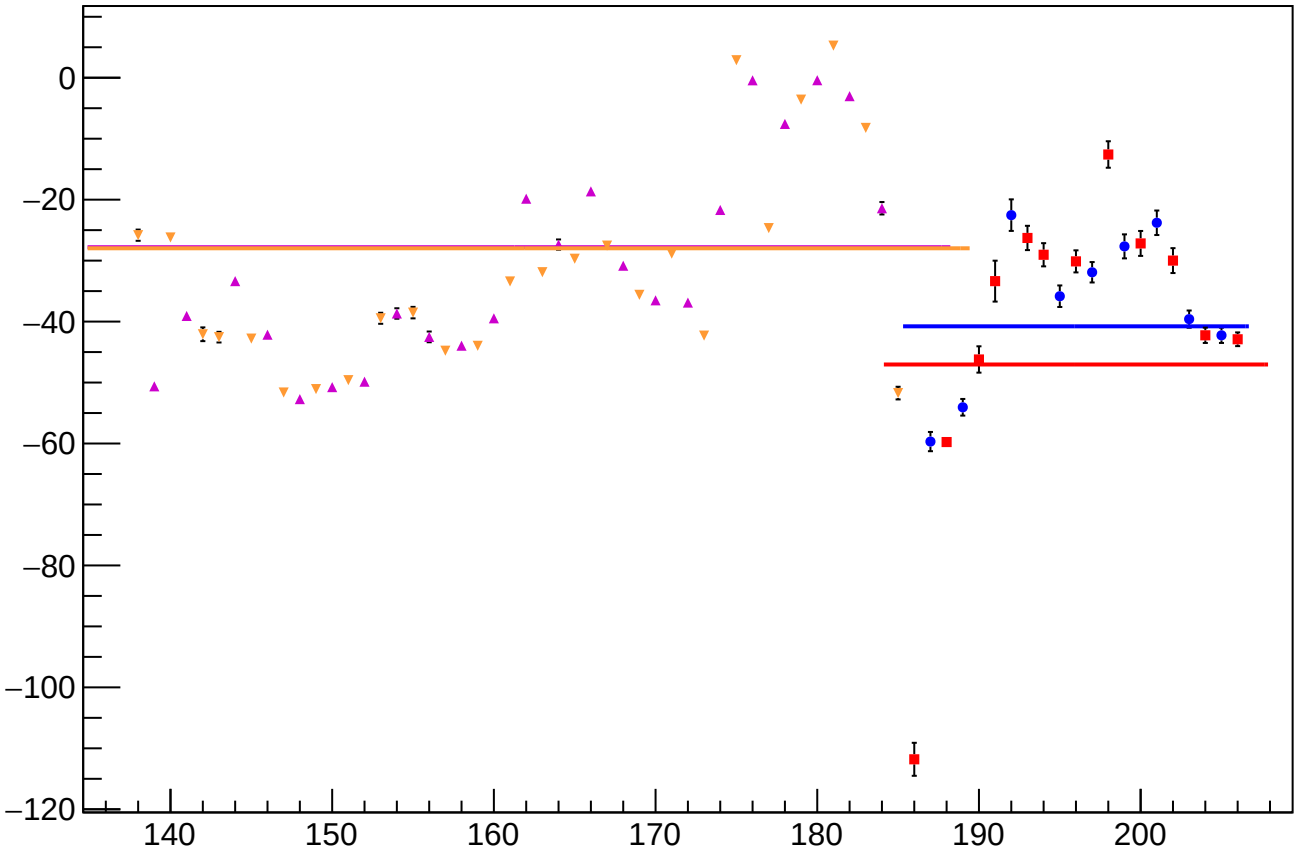
Right: 29.659+/-0.469 χ^2/NDF: 1869.2/20

In: 1.216+/-0.111 χ^2/NDF:8863.4/31

Out: 1.082+/-0.107 χ^2/NDF:11689.4/36

All: 1.147+/-0.077 χ^2/NDF: 20553.6/68

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -40.777+/-0.542 χ^2/NDF: 441.4/8

Left Out: -27.977+/-0.140 χ^2/NDF:17079.0/24

Right Out: -47.038+/-0.416 χ^2/NDF: 1704.5/11

Left In: -27.796+/-0.142 χ^2/NDF:15193.3/22

Left: -27.888+/-0.100 χ^2/NDF: 32273.2/47

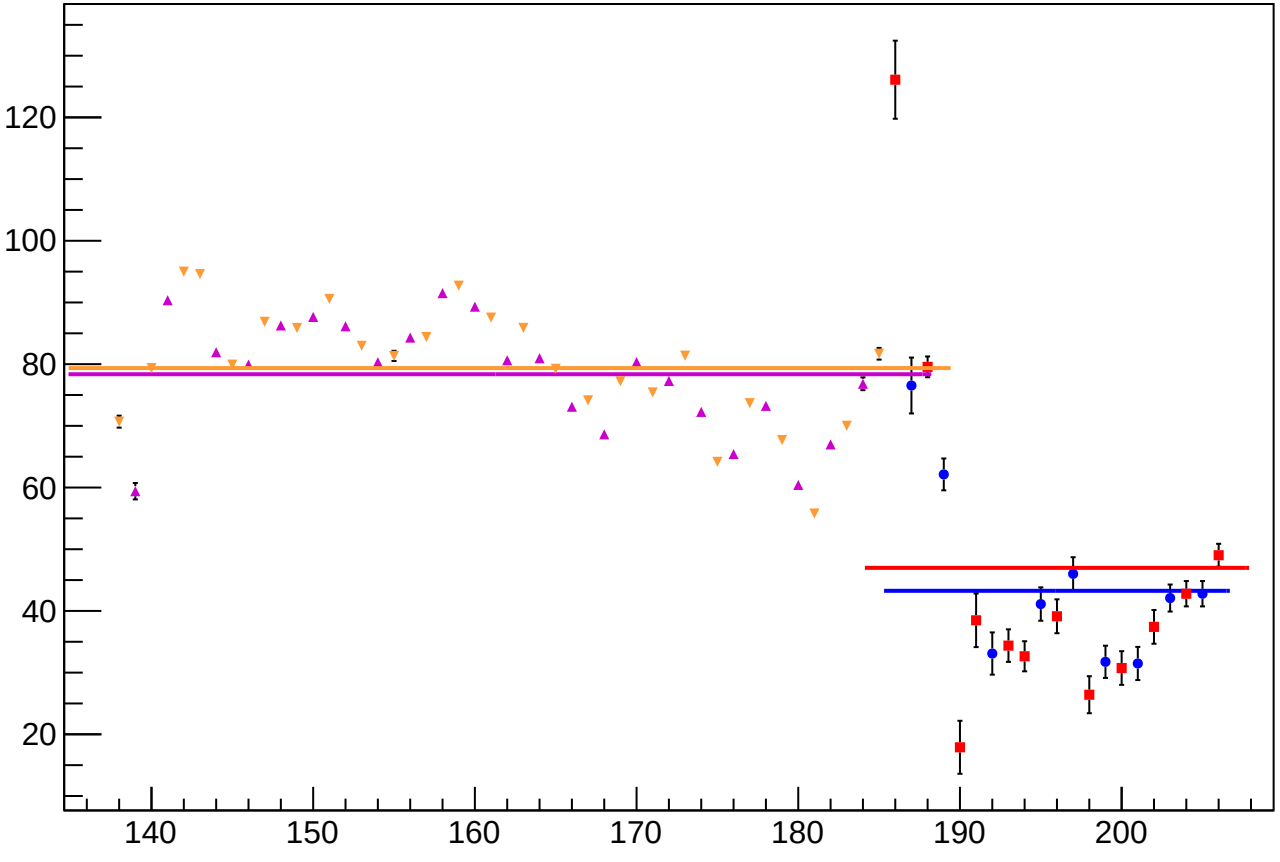
Right: -44.715+/-0.330 χ^2/NDF: 2229.9/20

In: -28.628+/-0.137 χ^2/NDF:16171.6/31

Out: -29.918+/-0.133 χ^2/NDF:20667.2/36

All: -29.293+/-0.095 χ^2/NDF: 36884.5/68

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.261+/-0.881 χ^2/NDF: 156.8/8

Left Out: 79.364+/-0.123 χ^2/NDF:5966.3/24

Right Out: 46.982+/-0.738 χ^2/NDF: 744.8/11

Left In: 78.367+/-0.126 χ^2/NDF:4735.5/22

Left: 78.877+/-0.088 χ^2/NDF: 10733.6/47

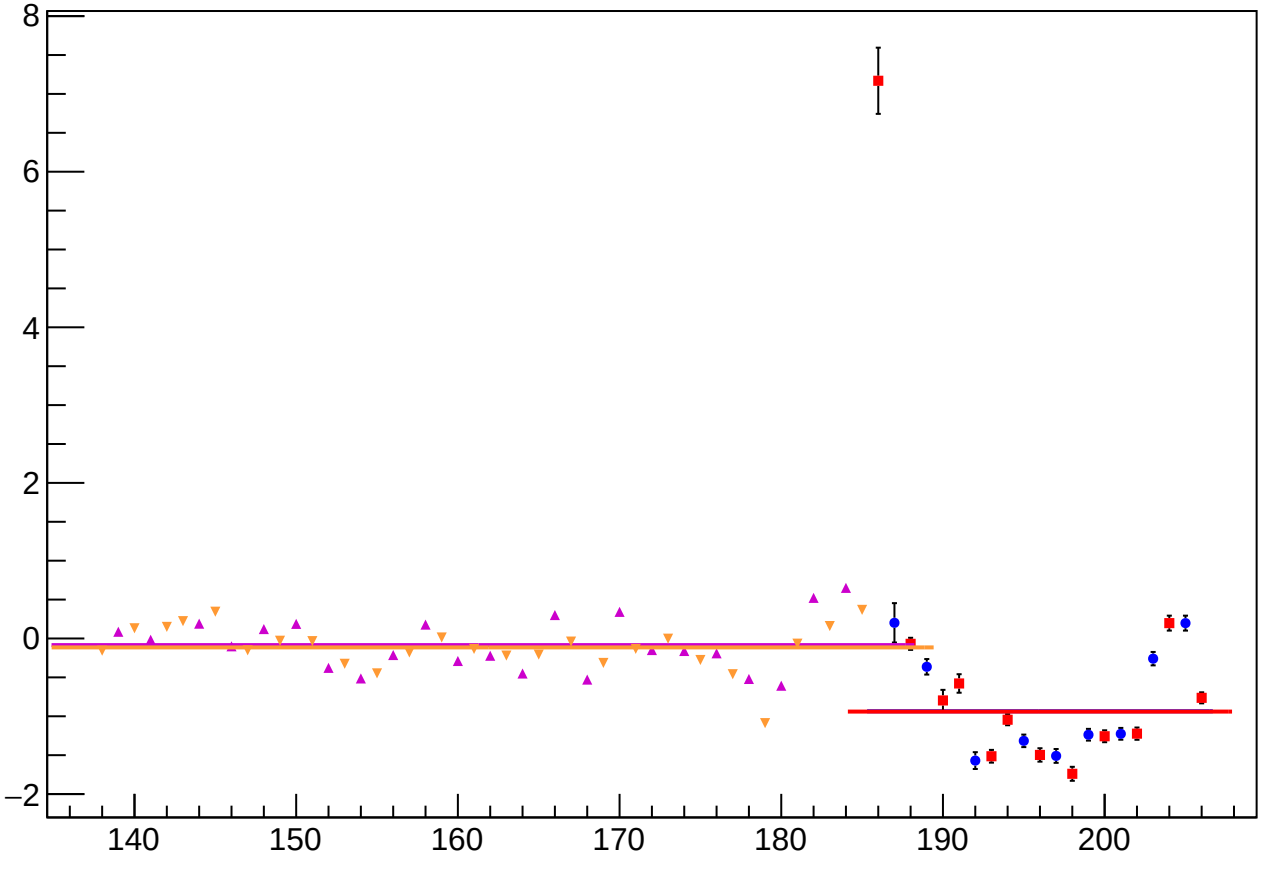
Right: 45.447+/-0.566 χ^2/NDF: 912.1/20

In: 77.660+/-0.125 χ^2/NDF:6448.3/31

Out: 78.483+/-0.122 χ^2/NDF:8582.3/36

All: 78.082+/-0.087 χ^2/NDF: 15052.8/68

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.936+/-0.031 χ^2/NDF: 382.2/8

Left Out: -0.115+/-0.006 χ^2/NDF:2288.7/24

Right Out: -0.940+/-0.025 χ^2/NDF: 847.2/11

Left In: -0.085+/-0.006 χ^2/NDF:3148.4/22

Left: -0.100+/-0.004 χ^2/NDF: 5450.5/47

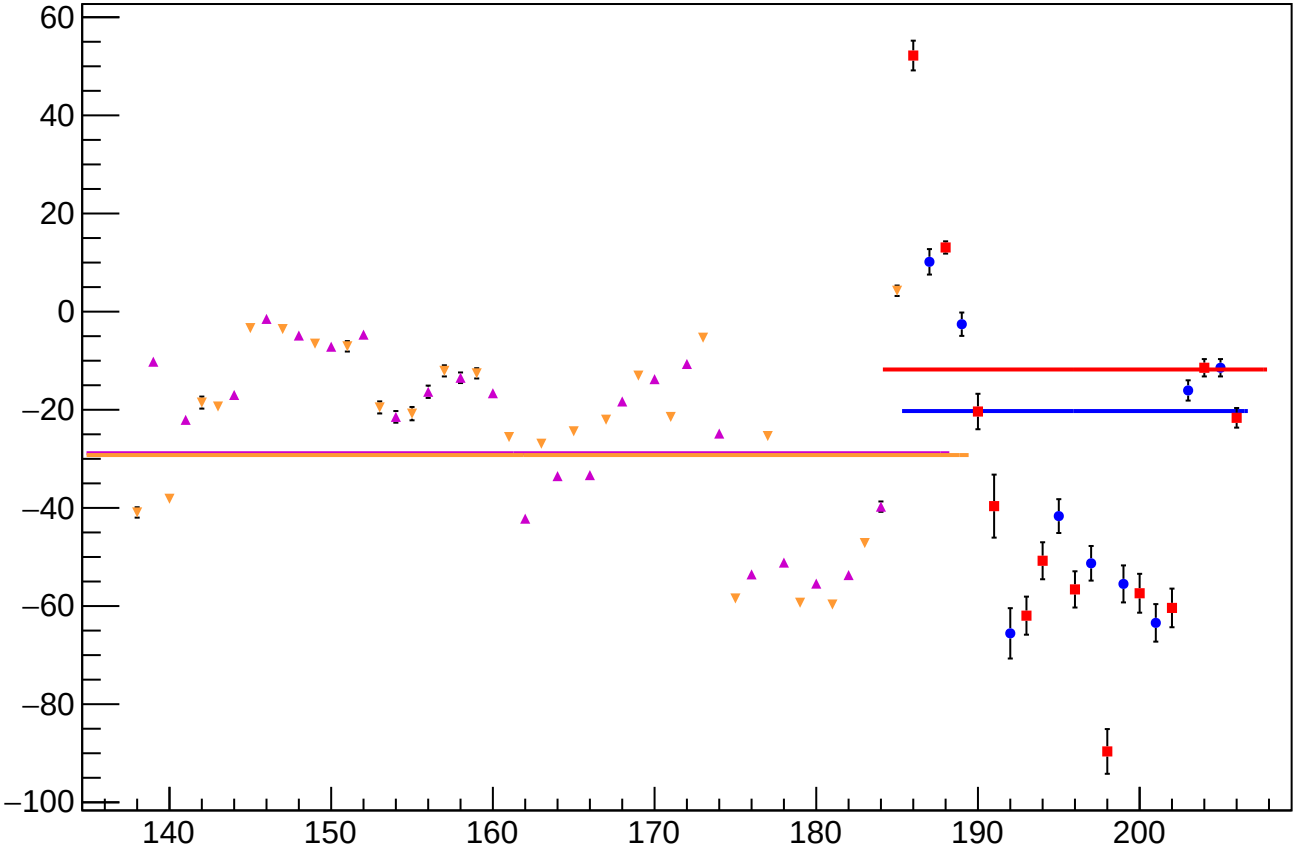
Right: -0.938+/-0.020 χ^2/NDF: 1229.5/20

In: -0.114+/-0.006 χ^2/NDF:4281.2/31

Out: -0.154+/-0.006 χ^2/NDF:4134.3/36

All: -0.134+/-0.004 χ^2/NDF: 8440.3/68

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -20.259+/-0.905 χ^2/NDF: 630.0/8

Left Out: -29.227+/-0.157 χ^2/NDF:16880.0/24

Right Out: -11.789+/-0.745 χ^2/NDF: 1886.6/11

Left In: -28.857+/-0.159 χ^2/NDF:13553.6/22

Left: -29.044+/-0.112 χ^2/NDF: 30436.3/47

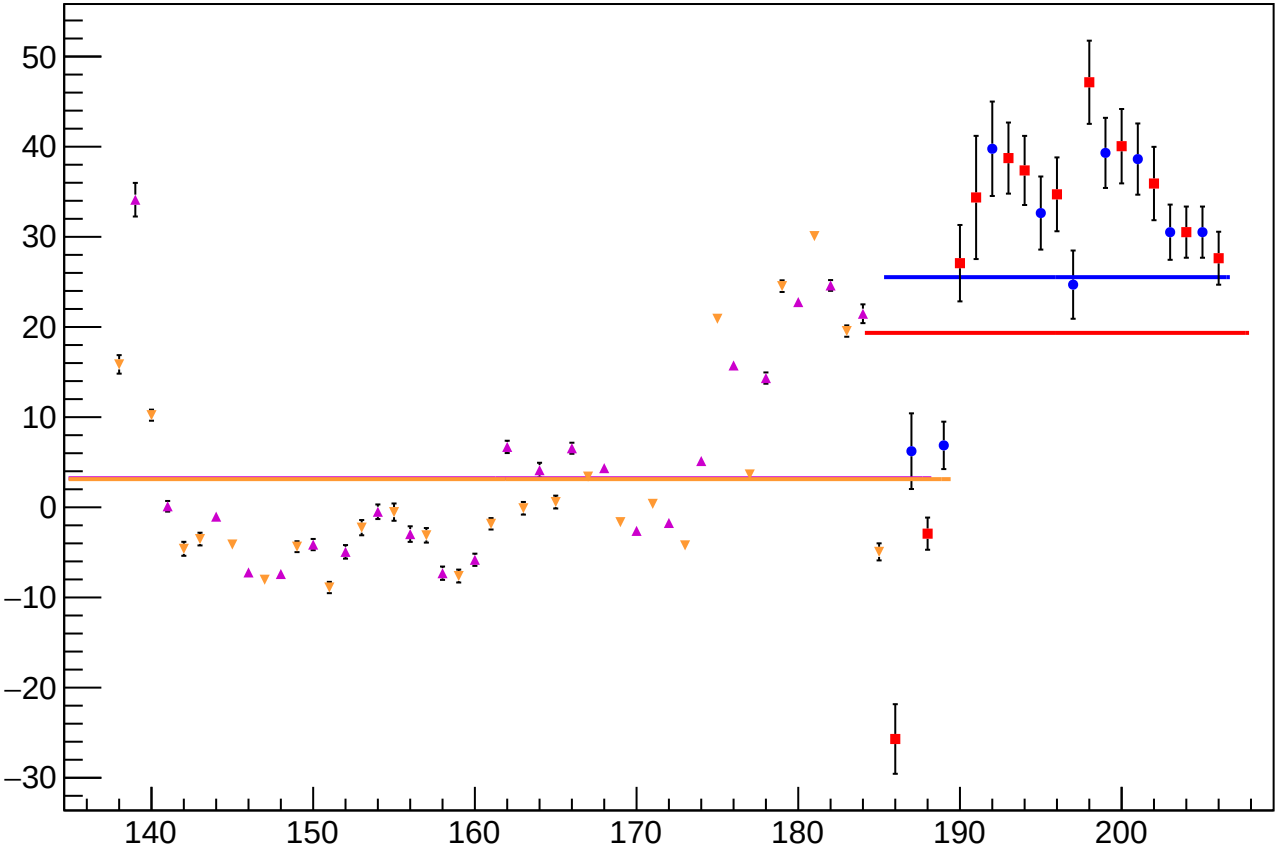
Right: -15.207+/-0.575 χ^2/NDF: 2568.8/20

In: -28.599+/-0.157 χ^2/NDF:14271.1/31

Out: -28.485+/-0.154 χ^2/NDF:19291.7/36

All: -28.541+/-0.110 χ^2/NDF: 33563.1/68

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.529+/-1.171 χ^2/NDF: 111.3/8

Left Out: 3.126+/-0.125 χ^2/NDF:8049.0/24

Right Out: 19.348+/-0.973 χ^2/NDF: 461.9/11

Left In: 3.224+/-0.127 χ^2/NDF:6274.0/22

Left: 3.174+/-0.089 χ^2/NDF: 14323.3/47

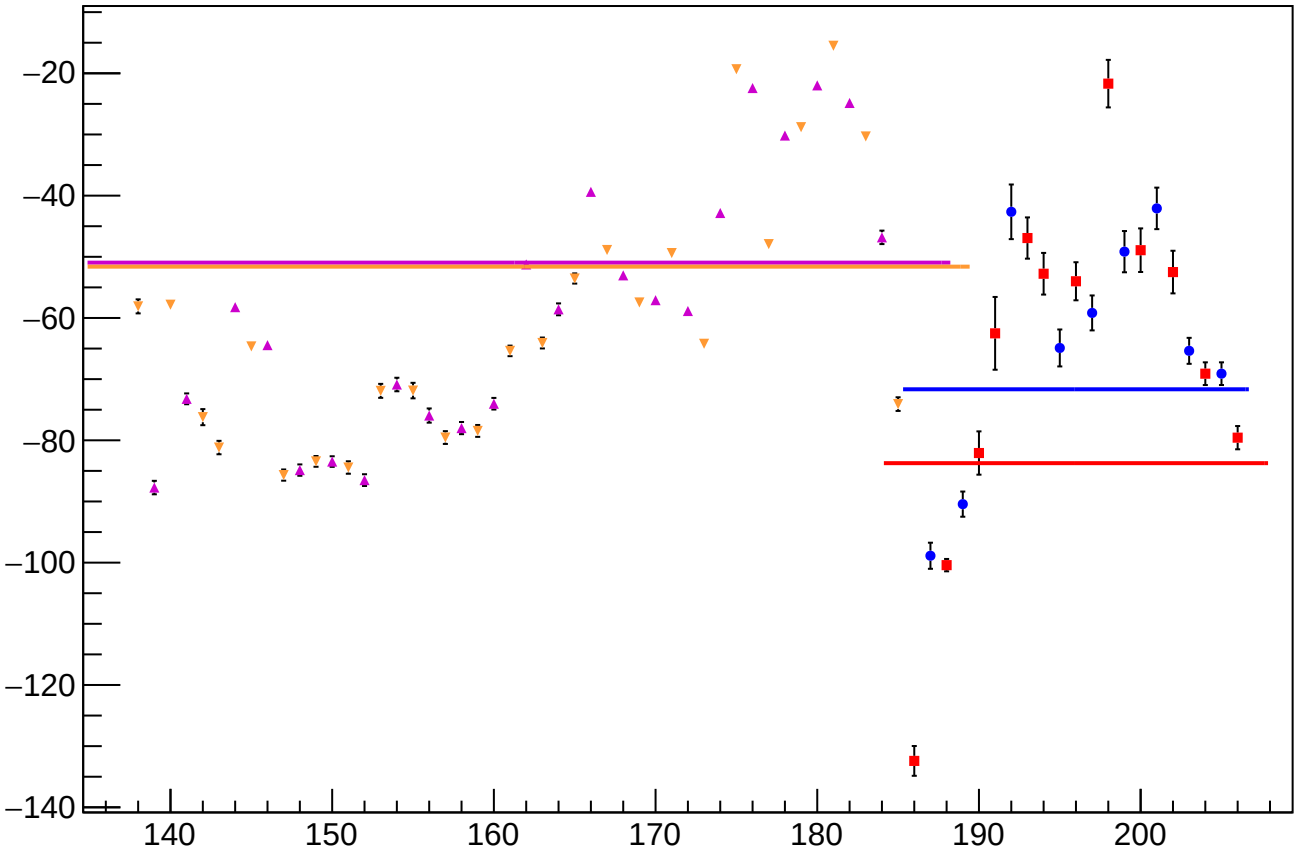
Right: 21.873+/-0.748 χ^2/NDF: 589.7/20

In: 3.481+/-0.126 χ^2/NDF:6744.1/31

Out: 3.388+/-0.124 χ^2/NDF:8784.3/36

All: 3.434+/-0.088 χ^2/NDF: 15528.7/68

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -71.659+/-0.838 χ^2/NDF: 443.3/8

Left Out: -51.610+/-0.158 χ^2/NDF:19384.9/24

Right Out: -83.736+/-0.656 χ^2/NDF: 1475.4/11

Left In: -50.954+/-0.159 χ^2/NDF:17472.2/22

Left: -51.285+/-0.112 χ^2/NDF: 36865.6/47

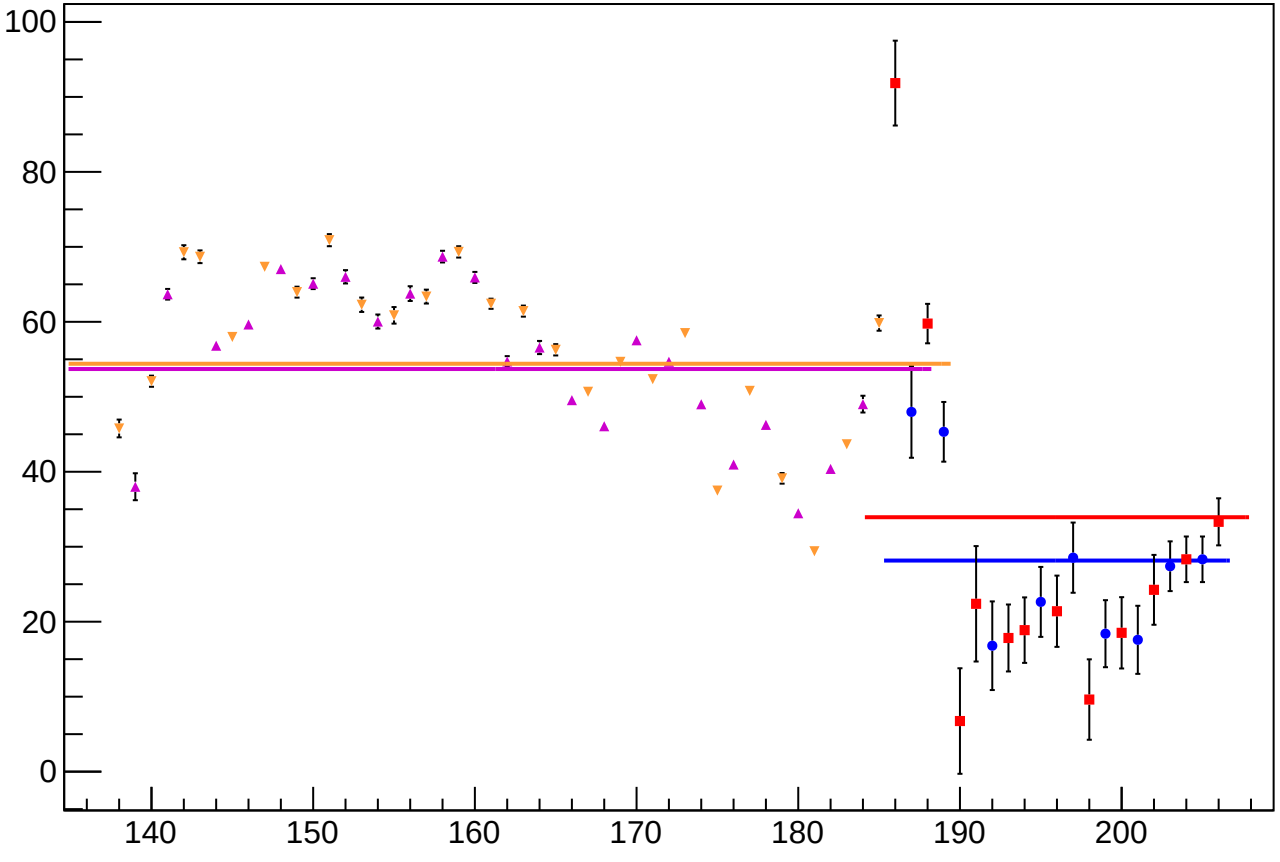
Right: -79.150+/-0.516 χ^2/NDF: 2047.6/20

In: -51.678+/-0.157 χ^2/NDF:18504.9/31

Out: -53.376+/-0.154 χ^2/NDF:23130.1/36

All: -52.543+/-0.110 χ^2/NDF: 41694.9/68

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.156+/-1.404 χ^2/NDF: 44.4/8

Left Out: 54.407+/-0.141 χ^2/NDF:6200.4/24

Right Out: 33.935+/-1.200 χ^2/NDF: 288.9/11

Left In: 53.704+/-0.143 χ^2/NDF:4603.5/22

Left: 54.060+/-0.100 χ^2/NDF: 10816.3/47

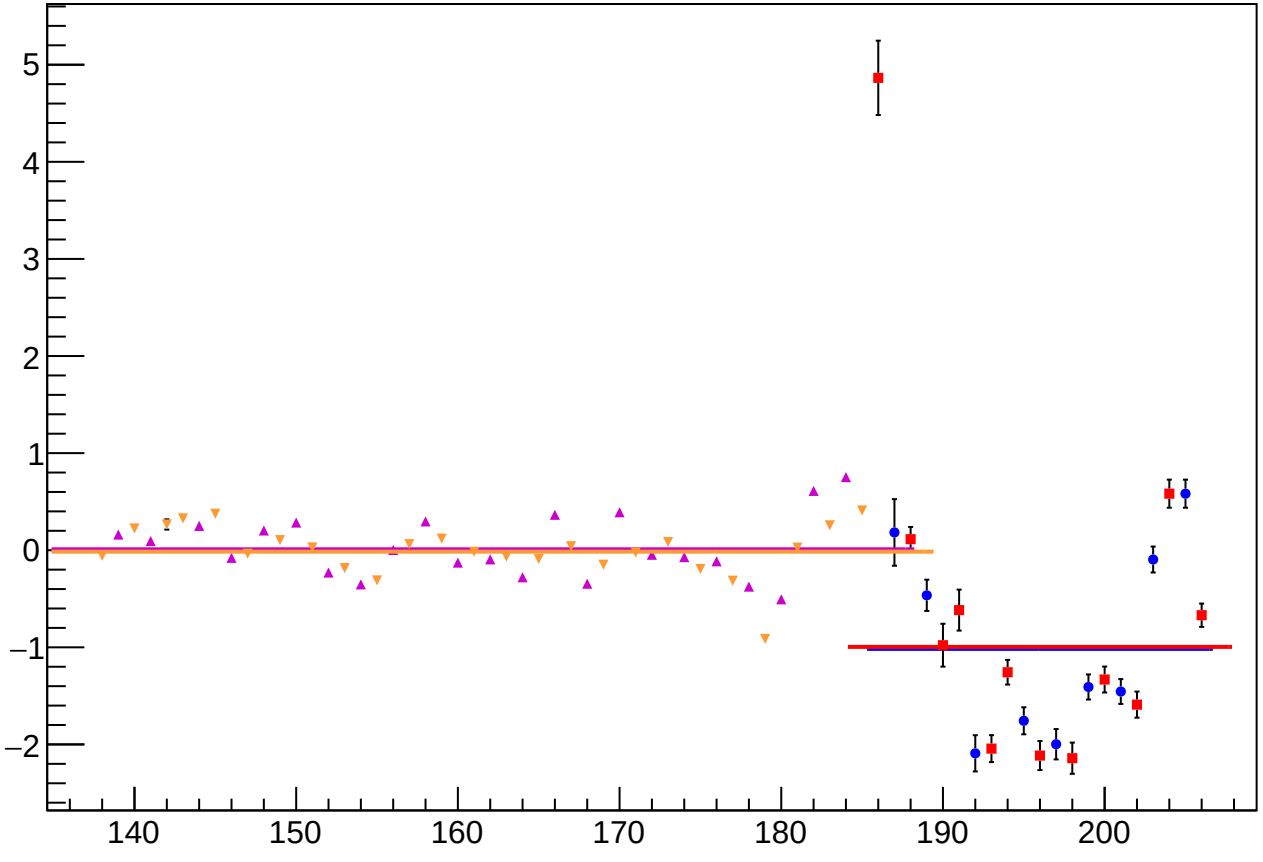
Right: 31.494+/-0.912 χ^2/NDF: 343.1/20

In: 53.443+/-0.142 χ^2/NDF:4975.8/31

Out: 54.130+/-0.140 χ^2/NDF:6776.3/36

All: 53.792+/-0.099 χ^2/NDF: 11764.0/68

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.016+/-0.050 χ^2/NDF: 315.8/8

Left Out: -0.015+/-0.006 χ^2/NDF:1645.9/24

Right Out: -0.995+/-0.043 χ^2/NDF: 636.1/11

Left In: 0.009+/-0.007 χ^2/NDF:2228.9/22

Left: -0.003+/-0.005 χ^2/NDF: 3881.7/47

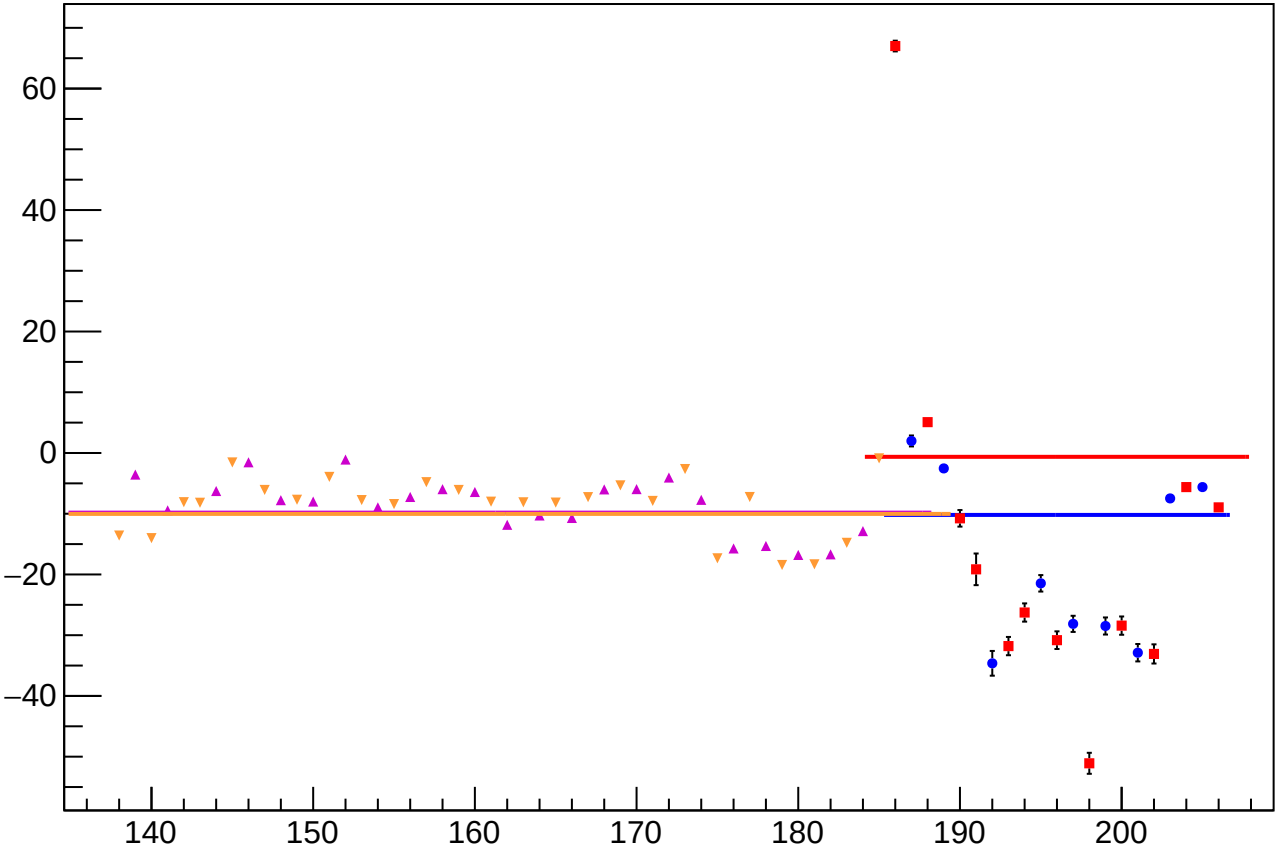
Right: -1.004+/-0.033 χ^2/NDF: 952.0/20

In: -0.007+/-0.006 χ^2/NDF:2951.5/31

Out: -0.036+/-0.006 χ^2/NDF:2789.7/36

All: -0.022+/-0.005 χ^2/NDF: 5751.2/68

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.196+/-0.328 χ^2/NDF: 1147.9/8

Left Out: -10.030+/-0.051 χ^2/NDF:12530.2/24

Right Out: -0.631+/-0.271 χ^2/NDF: 9049.4/11

Left In: -9.820+/-0.051 χ^2/NDF:9468.8/22

Left: -9.926+/-0.036 χ^2/NDF: 22007.5/47

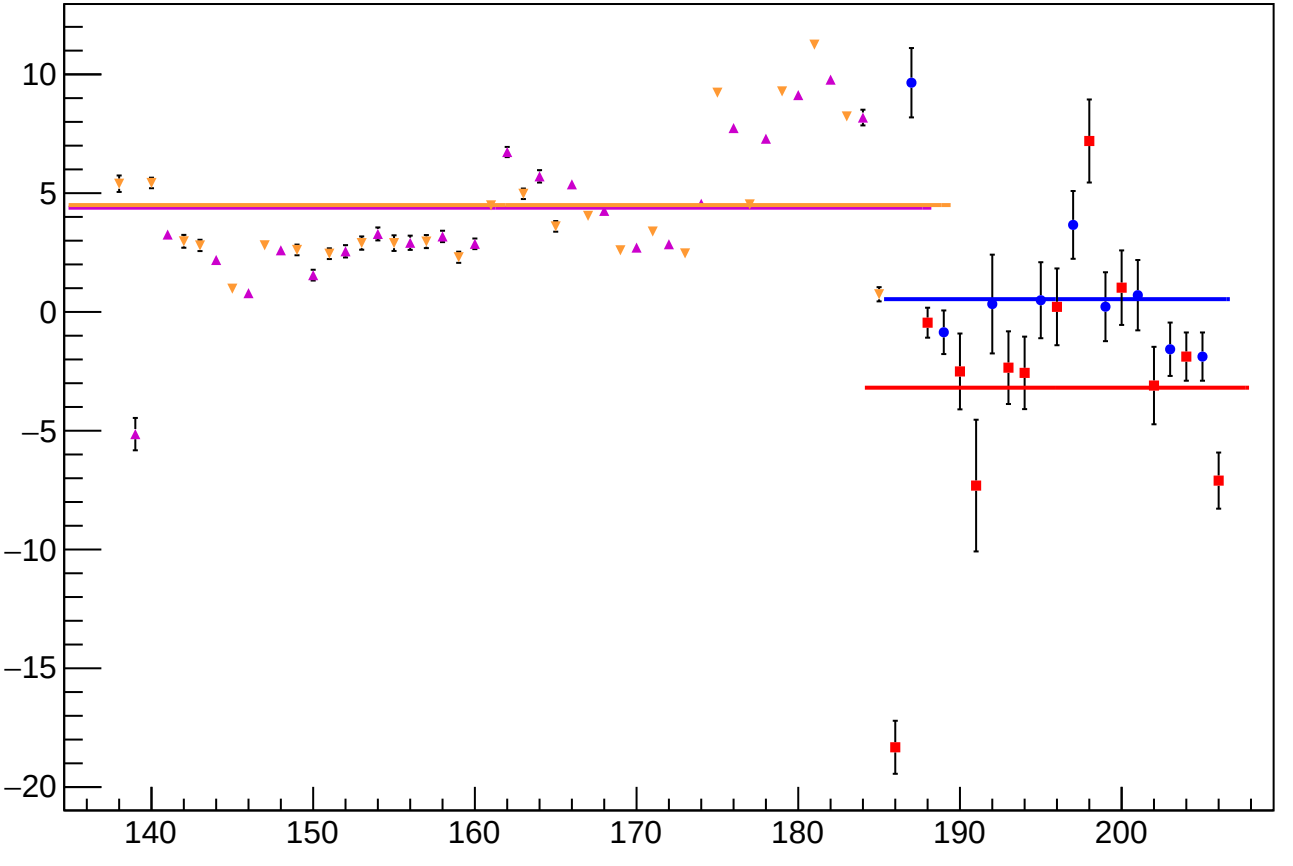
Right: -4.521+/-0.209 χ^2/NDF: 10703.0/20

In: -9.829+/-0.051 χ^2/NDF:10618.0/31

Out: -9.712+/-0.050 χ^2/NDF:22739.6/36

All: -9.770+/-0.035 χ^2/NDF: 33360.3/68

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.538+/-0.428 χ^2/NDF: 55.3/8

Left Out: 4.499+/-0.041 χ^2/NDF:4809.3/24

Right Out: -3.188+/-0.356 χ^2/NDF: 265.2/11

Left In: 4.388+/-0.041 χ^2/NDF:4266.4/22

Left: 4.444+/-0.029 χ^2/NDF: 9079.4/47

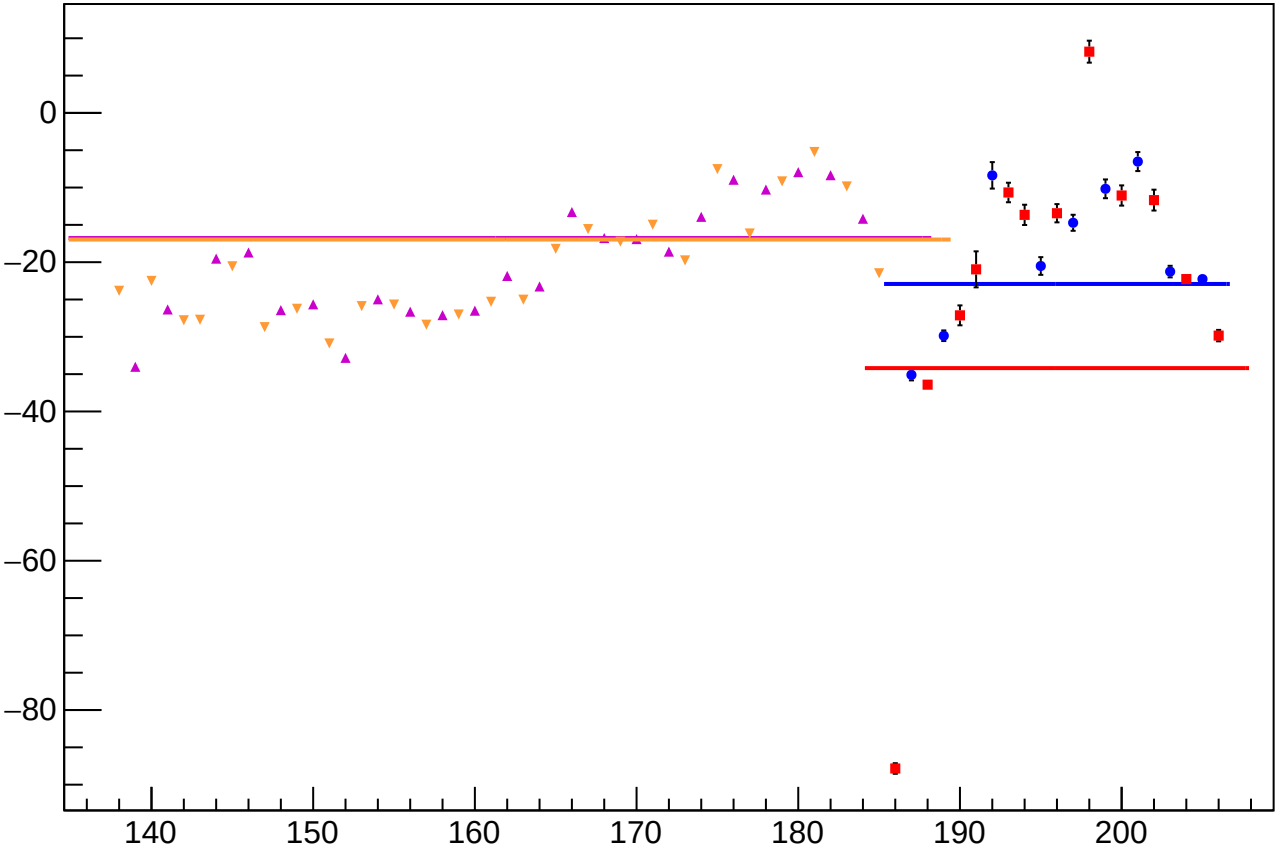
Right: -1.662+/-0.274 χ^2/NDF: 365.3/20

In: 4.353+/-0.041 χ^2/NDF:4401.9/31

Out: 4.399+/-0.040 χ^2/NDF:5533.8/36

All: 4.376+/-0.029 χ^2/NDF: 9936.4/68

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -22.917+/-0.303 χ^2/NDF: 769.3/8

Left Out: -16.965+/-0.051 χ^2/NDF:21902.1/24

Right Out: -34.191+/-0.237 χ^2/NDF: 8365.9/11

Left In: -16.764+/-0.051 χ^2/NDF:19037.7/22

Left: -16.865+/-0.036 χ^2/NDF: 40947.4/47

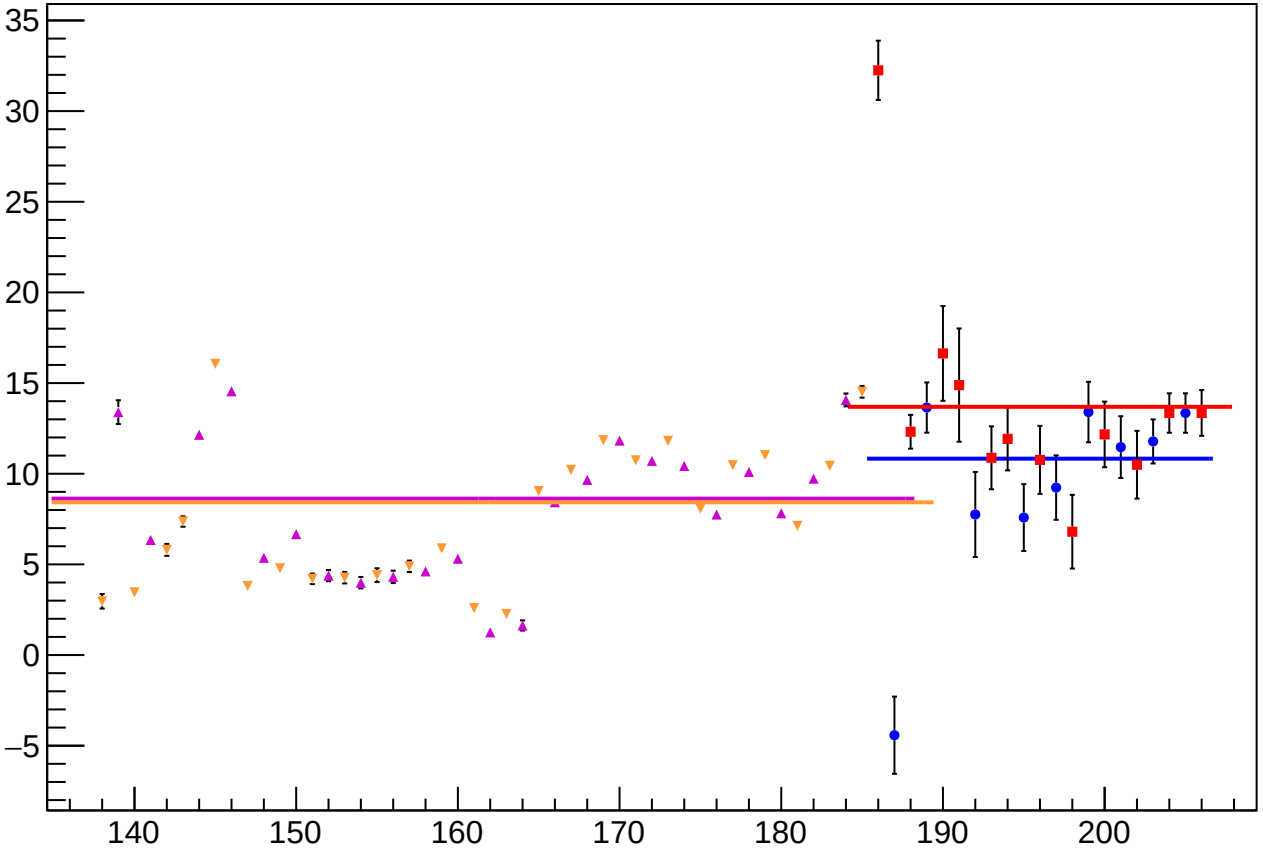
Right: -29.903+/-0.187 χ^2/NDF: 9993.3/20

In: -16.936+/-0.051 χ^2/NDF:20207.9/31

Out: -17.729+/-0.050 χ^2/NDF:35301.2/36

All: -17.337+/-0.036 χ^2/NDF: 55633.5/68

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.831+/-0.515 χ^2/NDF: 69.6/8

Left Out: 8.424+/-0.046 χ^2/NDF:6478.6/24

Right Out: 13.691+/-0.446 χ^2/NDF: 153.8/11

Left In: 8.626+/-0.046 χ^2/NDF:5531.9/22

Left: 8.524+/-0.032 χ^2/NDF: 12020.2/47

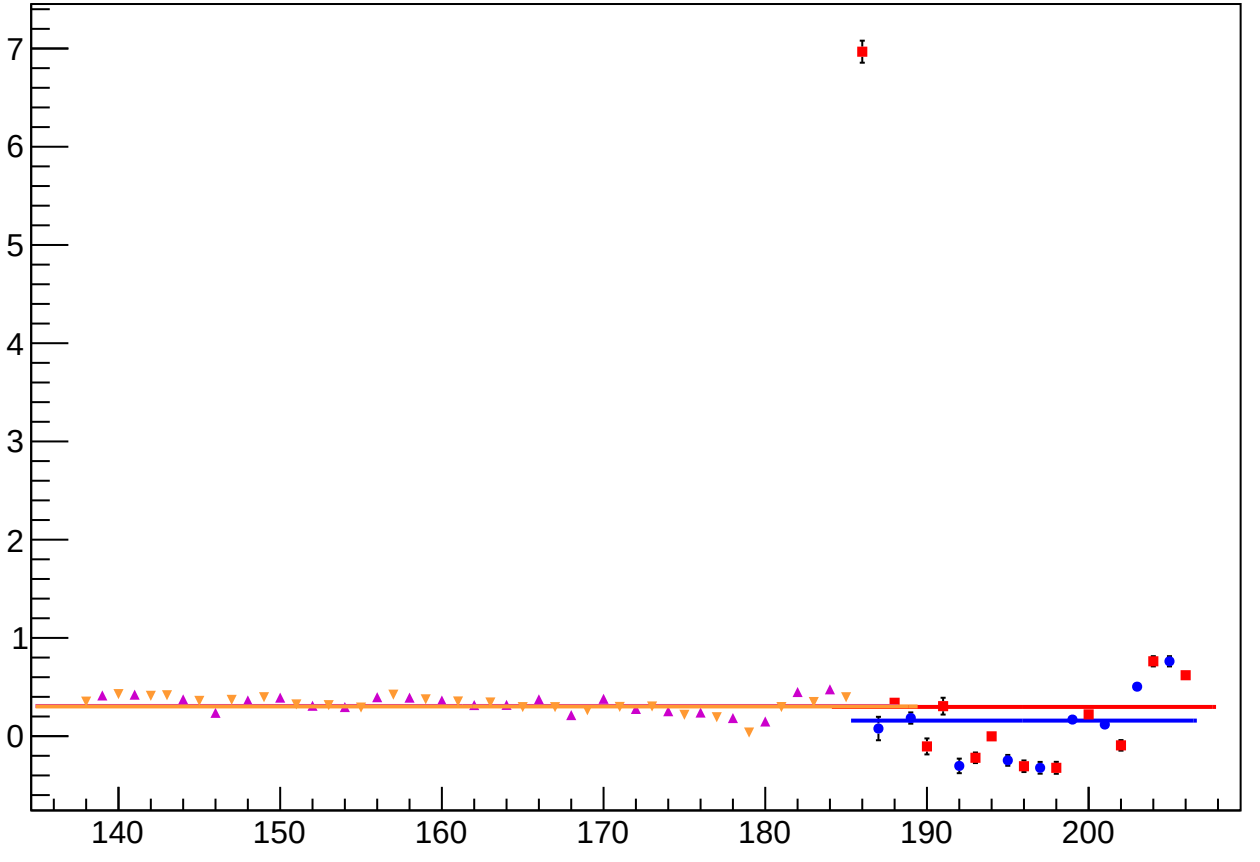
Right: 12.467+/-0.337 χ^2/NDF: 241.1/20

In: 8.643+/-0.046 χ^2/NDF:5619.6/31

Out: 8.478+/-0.045 χ^2/NDF:6770.6/36

All: 8.560+/-0.032 χ^2/NDF: 12396.8/68

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.158+/-0.019 χ^2/NDF: 341.2/8

Left Out: 0.302+/-0.002 χ^2/NDF:1589.8/24

Right Out: 0.297+/-0.016 χ^2/NDF: 4075.7/11

Left In: 0.307+/-0.002 χ^2/NDF:1716.8/22

Left: 0.305+/-0.001 χ^2/NDF: 3309.3/47

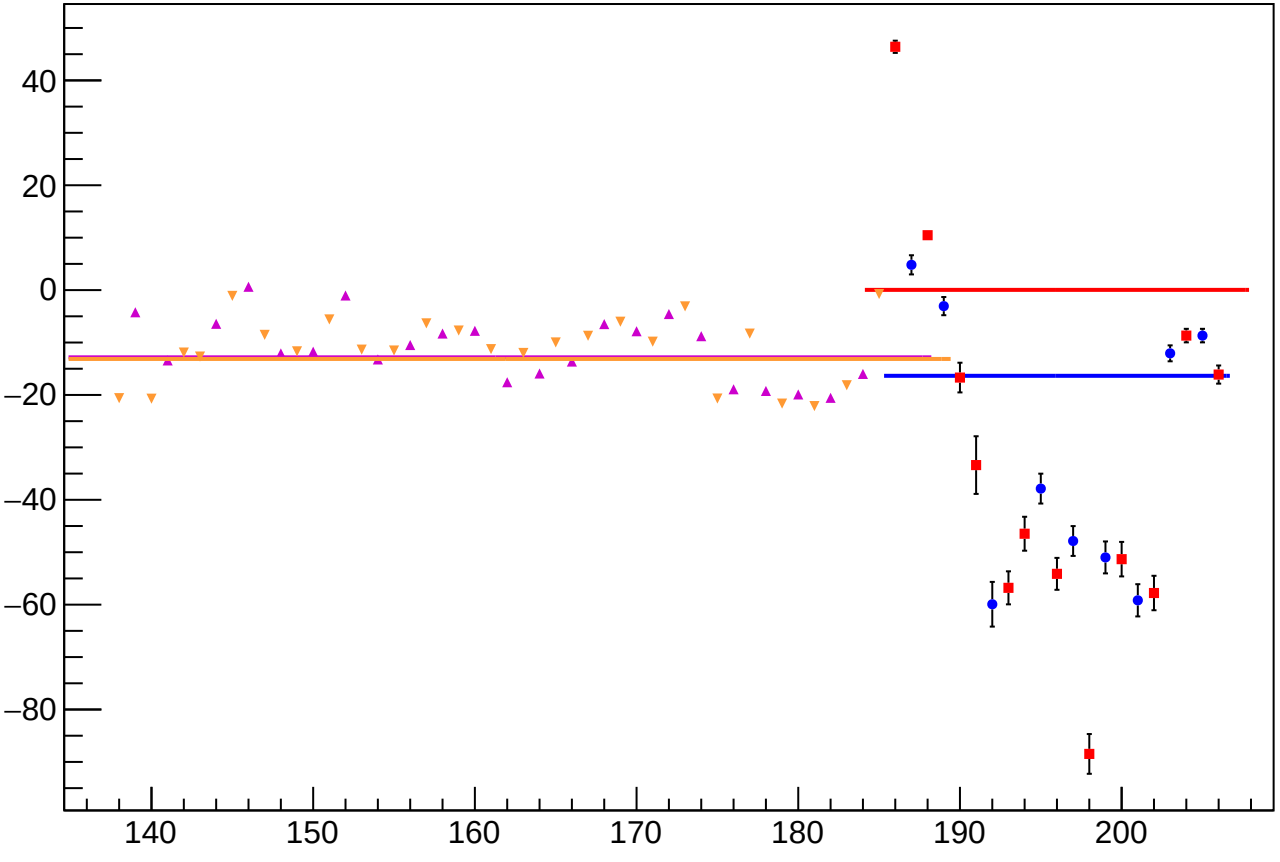
Right: 0.237+/-0.012 χ^2/NDF: 4447.7/20

In: 0.305+/-0.002 χ^2/NDF:2119.5/31

Out: 0.302+/-0.002 χ^2/NDF:5665.6/36

All: 0.304+/-0.001 χ^2/NDF: 7786.1/68

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.348+/-0.677 χ^2/NDF: 843.4/8

Left Out: -13.133+/-0.094 χ^2/NDF:5974.5/24

Right Out: 0.043+/-0.532 χ^2/NDF: 3856.4/11

Left In: -12.823+/-0.095 χ^2/NDF:4841.5/22

Left: -12.979+/-0.067 χ^2/NDF: 10821.3/47

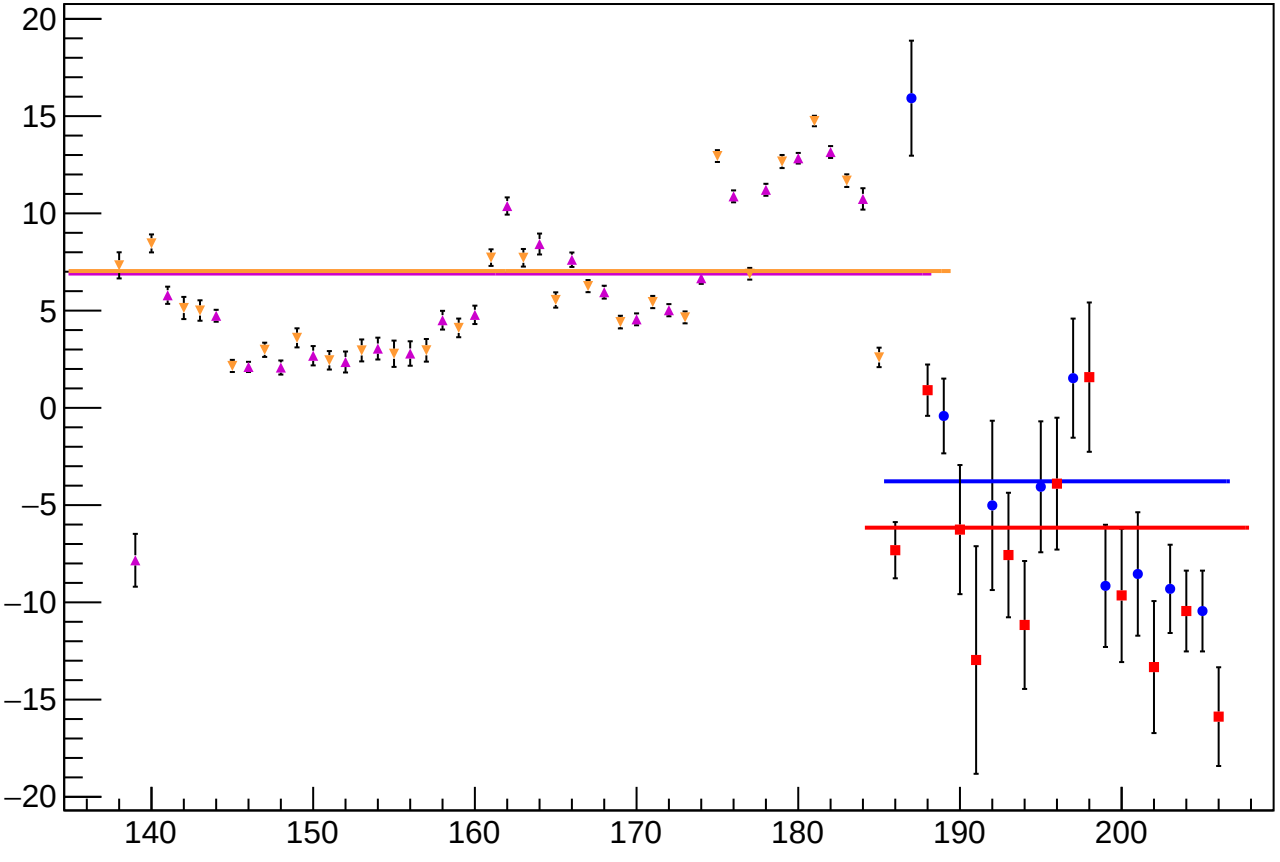
Right: -6.207+/-0.418 χ^2/NDF: 5062.0/20

In: -12.890+/-0.094 χ^2/NDF:5711.4/31

Out: -12.736+/-0.092 χ^2/NDF:10426.2/36

All: -12.812+/-0.066 χ^2/NDF: 16138.9/68

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.777+/-0.891 χ^2/NDF: 71.9/8

Left Out: 7.034+/-0.077 χ^2/NDF:2657.5/24

Right Out: -6.160+/-0.694 χ^2/NDF: 62.1/11

Left In: 6.906+/-0.077 χ^2/NDF:2442.8/22

Left: 6.970+/-0.055 χ^2/NDF: 5101.7/47

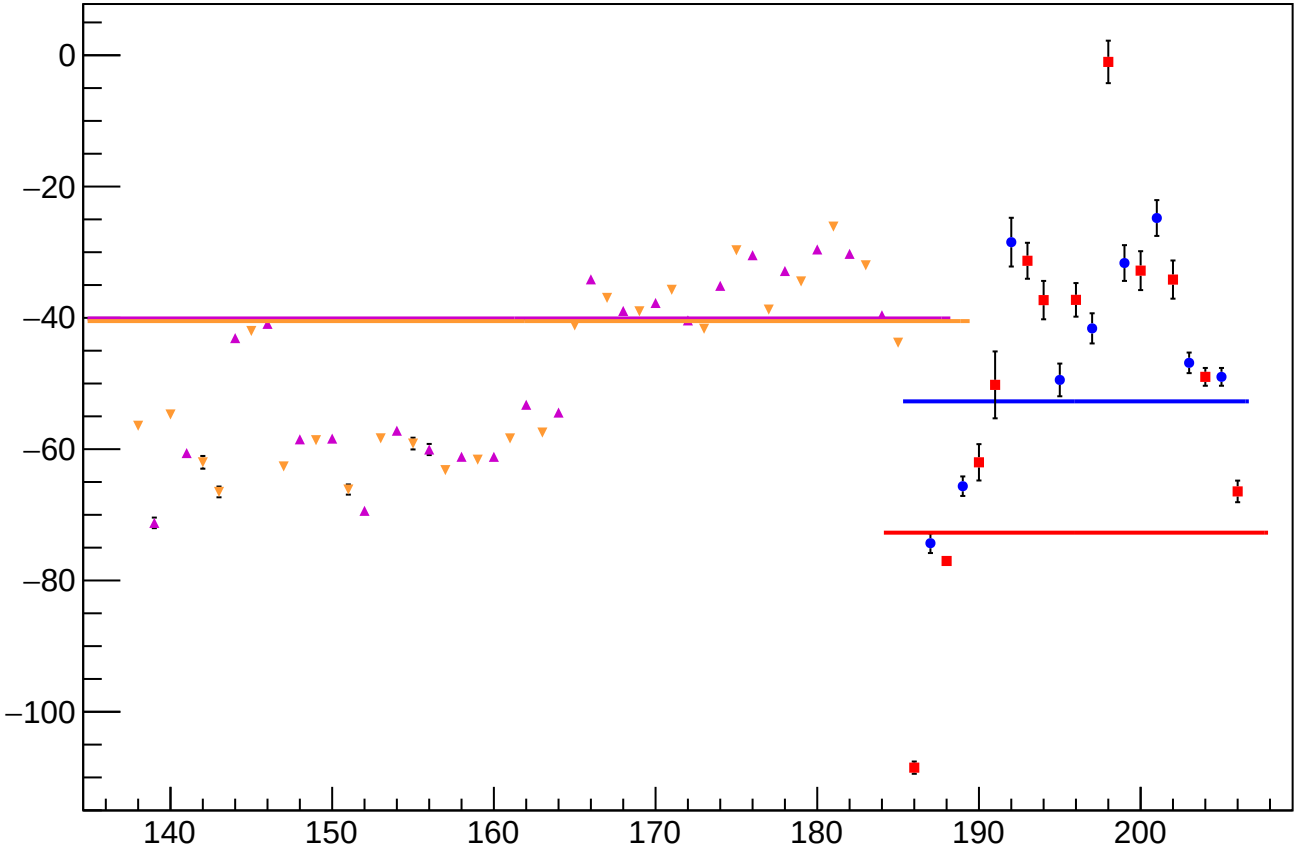
Right: -5.260+/-0.548 χ^2/NDF: 138.5/20

In: 6.826+/-0.077 χ^2/NDF:2657.4/31

Out: 6.872+/-0.077 χ^2/NDF:3076.7/36

All: 6.849+/-0.054 χ^2/NDF: 5734.3/68

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.718+/-0.628 χ^2/NDF: 536.1/8

Left Out: -40.492+/-0.095 χ^2/NDF:15435.0/24

Right Out: -72.717+/-0.460 χ^2/NDF: 3267.4/11

Left In: -40.091+/-0.095 χ^2/NDF:14103.5/22

Left: -40.292+/-0.067 χ^2/NDF: 29547.4/47

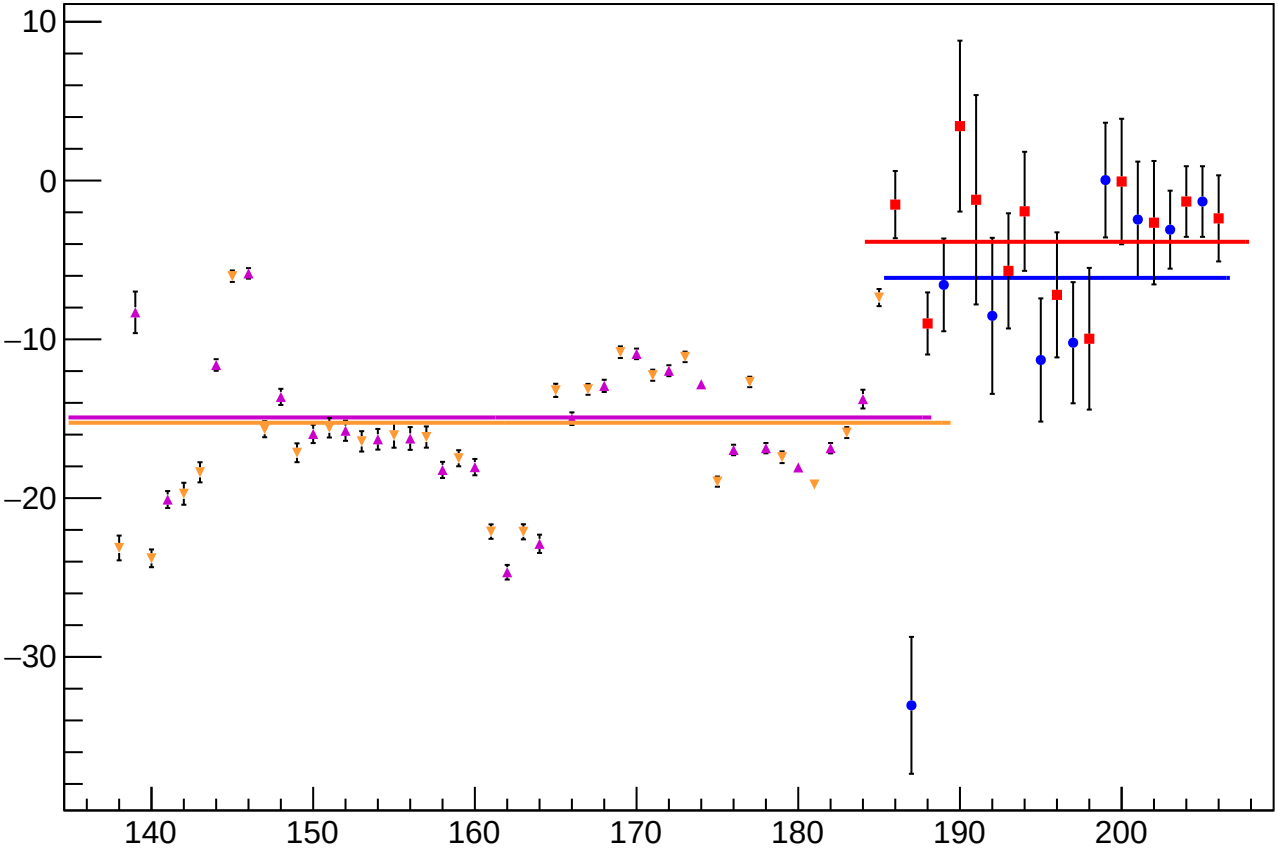
Right: -65.728+/-0.371 χ^2/NDF: 4464.2/20

In: -40.375+/-0.094 χ^2/NDF:15035.4/31

Out: -41.806+/-0.093 χ^2/NDF:23410.0/36

All: -41.101+/-0.066 χ^2/NDF: 38562.3/68

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -6.129+/-1.074 χ^2/NDF: 52.3/8

Left Out: -15.254+/-0.086 χ^2/NDF:2594.4/24

Right Out: -3.857+/-0.887 χ^2/NDF: 15.9/11

Left In: -14.919+/-0.087 χ^2/NDF:2207.7/22

Left: -15.088+/-0.061 χ^2/NDF: 4809.7/47

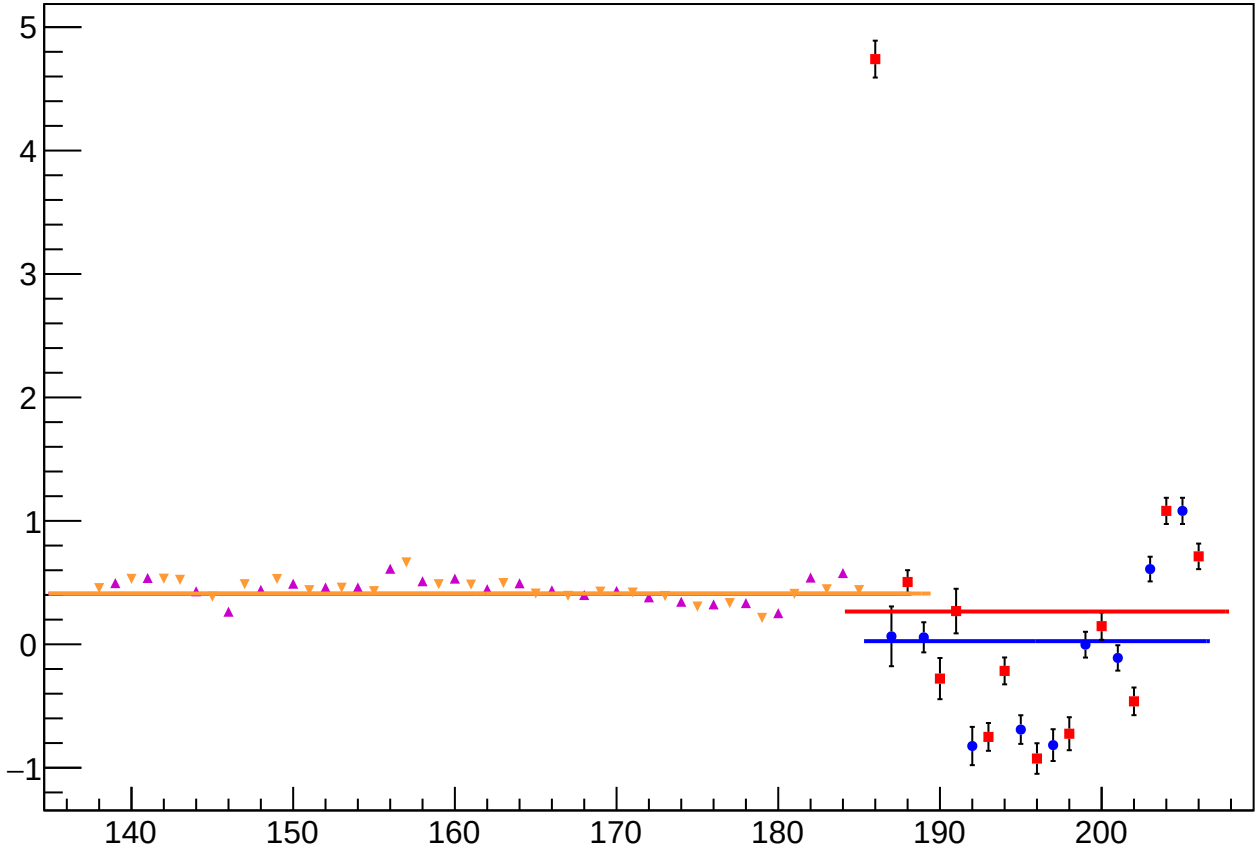
Right: -4.778+/-0.684 χ^2/NDF: 70.8/20

In: -14.862+/-0.086 χ^2/NDF:2326.6/31

Out: -15.148+/-0.086 χ^2/NDF:2774.0/36

All: -15.006+/-0.061 χ^2/NDF: 5106.2/68

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.026+/-0.040 χ^2/NDF: 245.9/8

Left Out: 0.411+/-0.004 χ^2/NDF:428.8/24

Right Out: 0.266+/-0.034 χ^2/NDF: 1283.9/11

Left In: 0.409+/-0.004 χ^2/NDF:561.9/22

Left: 0.410+/-0.003 χ^2/NDF: 990.8/47

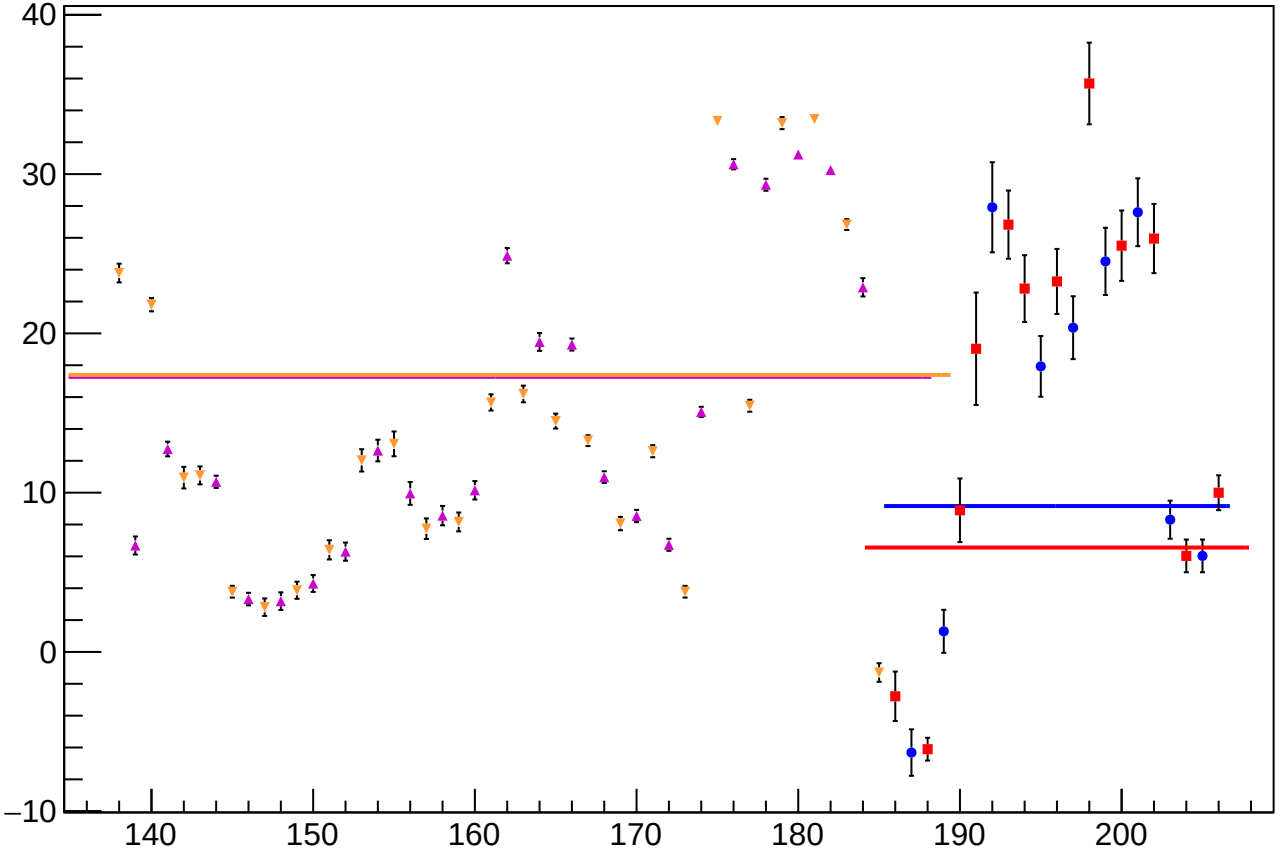
Right: 0.163+/-0.026 χ^2/NDF: 1550.7/20

In: 0.406+/-0.004 χ^2/NDF:900.5/31

Out: 0.409+/-0.004 χ^2/NDF:1730.4/36

All: 0.408+/-0.003 χ^2/NDF: 2631.4/68

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 9.158+/-0.515 χ^2/NDF: 381.5/8

Left Out: 17.393+/-0.087 χ^2/NDF:16305.7/24

Right Out: 6.555+/-0.418 χ^2/NDF: 871.2/11

Left In: 17.271+/-0.088 χ^2/NDF:12892.2/22

Left: 17.333+/-0.062 χ^2/NDF: 29198.9/47

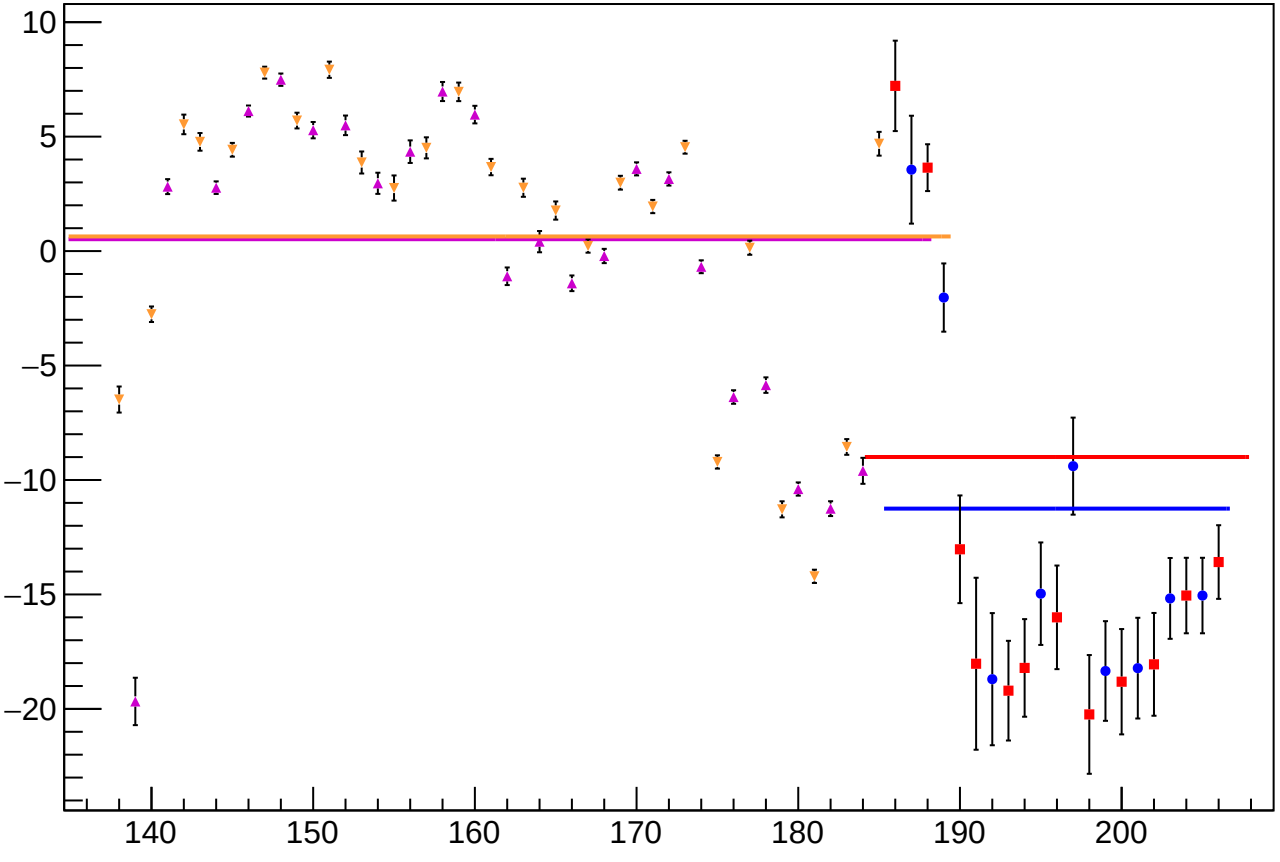
Right: 7.588+/-0.325 χ^2/NDF: 1268.1/20

In: 17.039+/-0.087 χ^2/NDF:13514.4/31

Out: 16.940+/-0.085 χ^2/NDF:17821.6/36

All: 16.988+/-0.061 χ^2/NDF: 31336.6/68

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.250+/-0.663 χ^2/NDF: 118.8/8

Left Out: 0.639+/-0.070 χ^2/NDF:8514.9/24

Right Out: -8.996+/-0.544 χ^2/NDF: 353.9/11

Left In: 0.519+/-0.071 χ^2/NDF:6776.8/22

Left: 0.580+/-0.050 χ^2/NDF: 15293.1/47

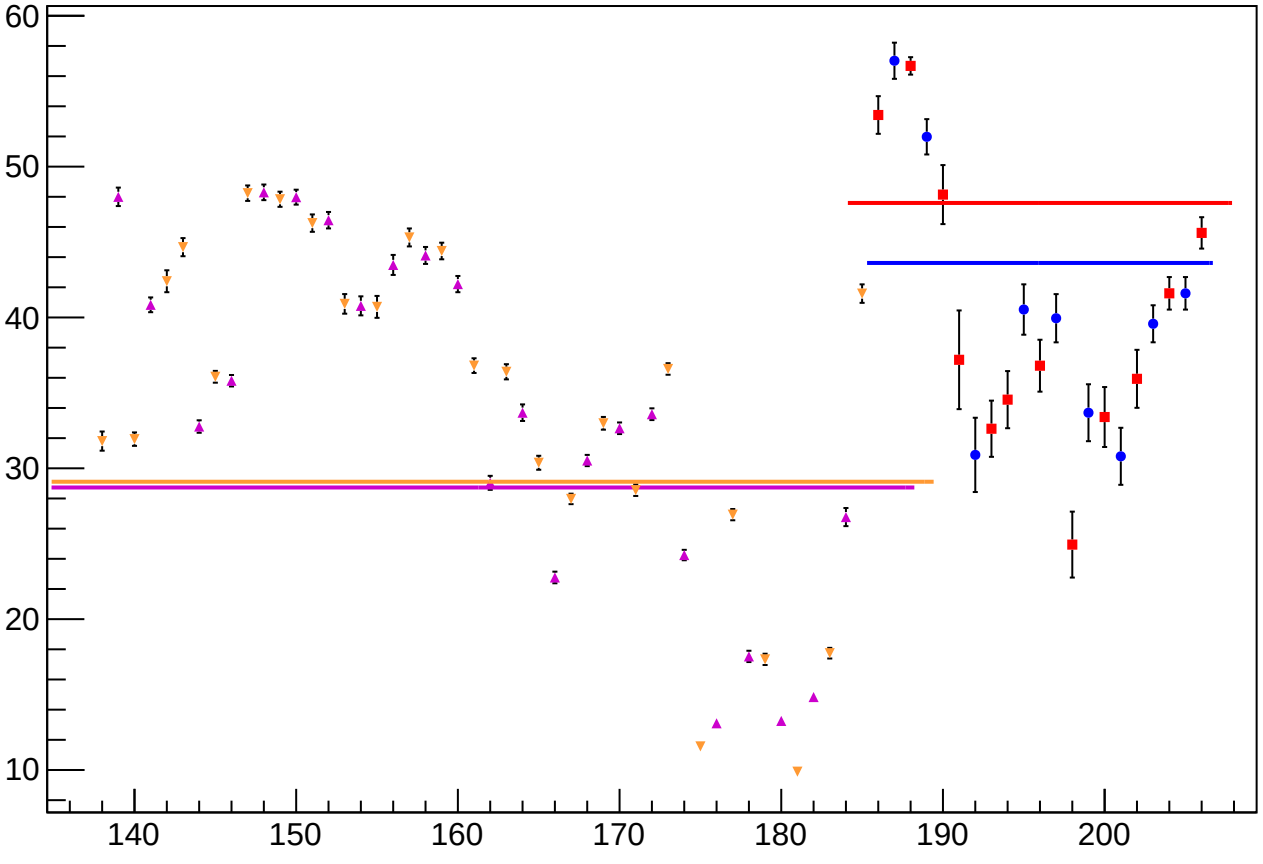
Right: -9.903+/-0.420 χ^2/NDF: 479.6/20

In: 0.387+/-0.070 χ^2/NDF:7207.6/31

Out: 0.484+/-0.069 χ^2/NDF:9177.5/36

All: 0.437+/-0.049 χ^2/NDF: 16386.1/68

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 43.614+/-0.475 χ^2/NDF: 299.3/8

Left Out: 29.110+/-0.088 χ^2/NDF:18845.8/24

Right Out: 47.592+/-0.368 χ^2/NDF: 659.6/11

Left In: 28.728+/-0.089 χ^2/NDF:17037.4/22

Left: 28.921+/-0.062 χ^2/NDF: 35892.6/47

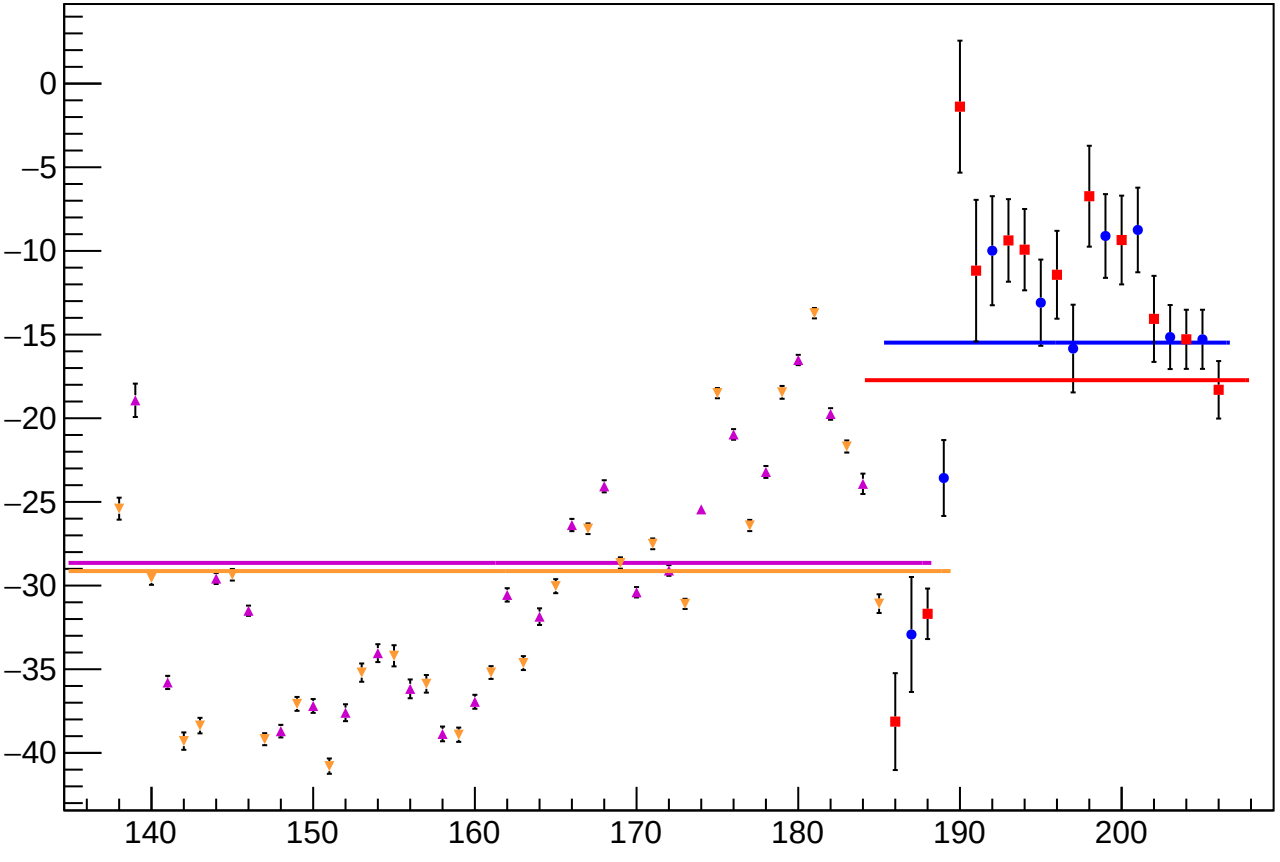
Right: 46.104+/-0.291 χ^2/NDF: 1002.7/20

In: 29.229+/-0.087 χ^2/NDF:18283.8/31

Out: 30.110+/-0.085 χ^2/NDF:21897.6/36

All: 29.679+/-0.061 χ^2/NDF: 40233.4/68

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.481+/-0.796 χ^2/NDF: 55.8/8

Left Out: -29.134+/-0.078 χ^2/NDF:8998.0/24

Right Out: -17.725+/-0.671 χ^2/NDF: 209.7/11

Left In: -28.645+/-0.080 χ^2/NDF:6693.5/22

Left: -28.893+/-0.056 χ^2/NDF: 15710.7/47

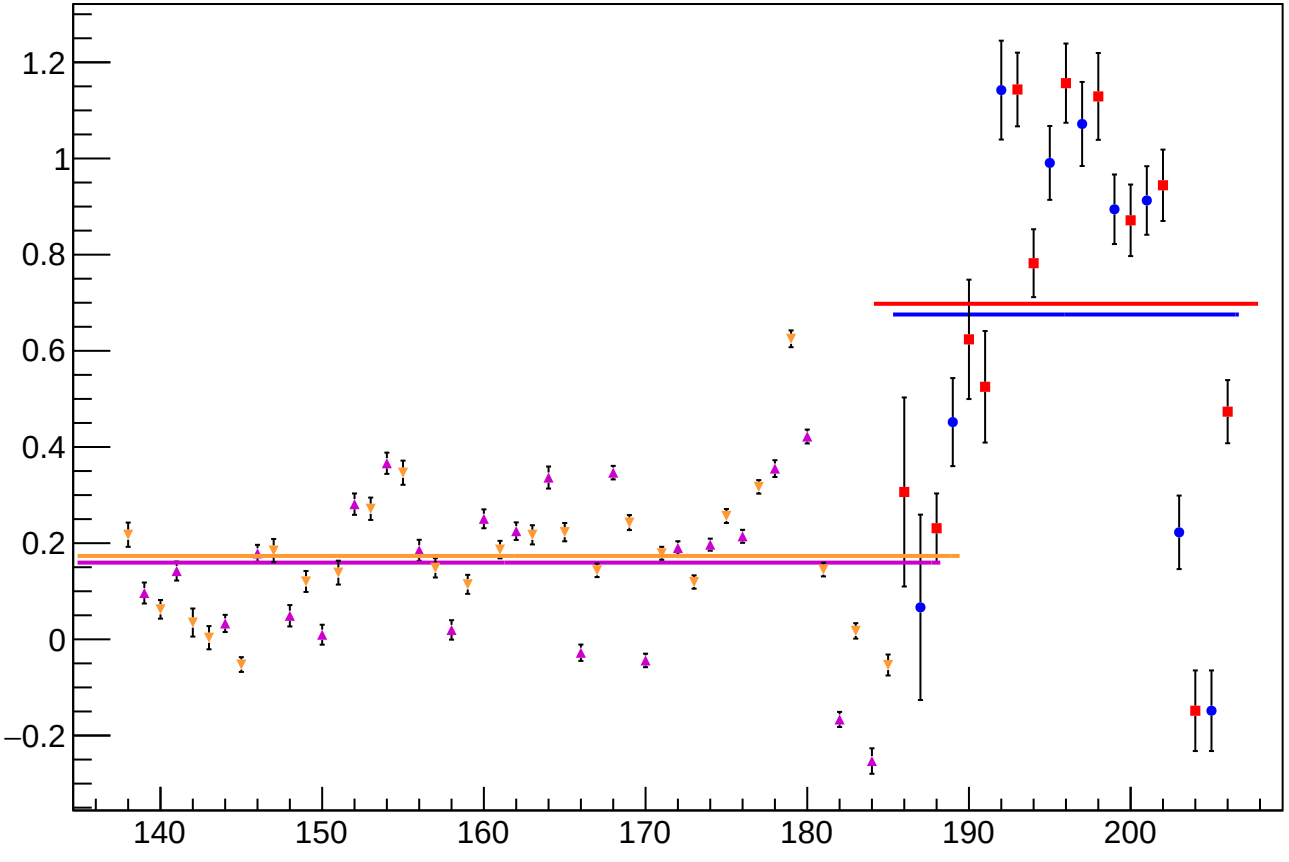
Right: -16.792+/-0.513 χ^2/NDF: 270.2/20

In: -28.514+/-0.079 χ^2/NDF:7020.2/31

Out: -28.981+/-0.078 χ^2/NDF:9492.7/36

All: -28.751+/-0.055 χ^2/NDF: 16530.6/68

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.676+/-0.028 χ^2/NDF: 225.9/8

Left Out: 0.173+/-0.004 χ^2/NDF:1468.8/24

Right Out: 0.698+/-0.024 χ^2/NDF: 267.4/11

Left In: 0.160+/-0.004 χ^2/NDF:2063.7/22

Left: 0.167+/-0.003 χ^2/NDF: 3539.9/47

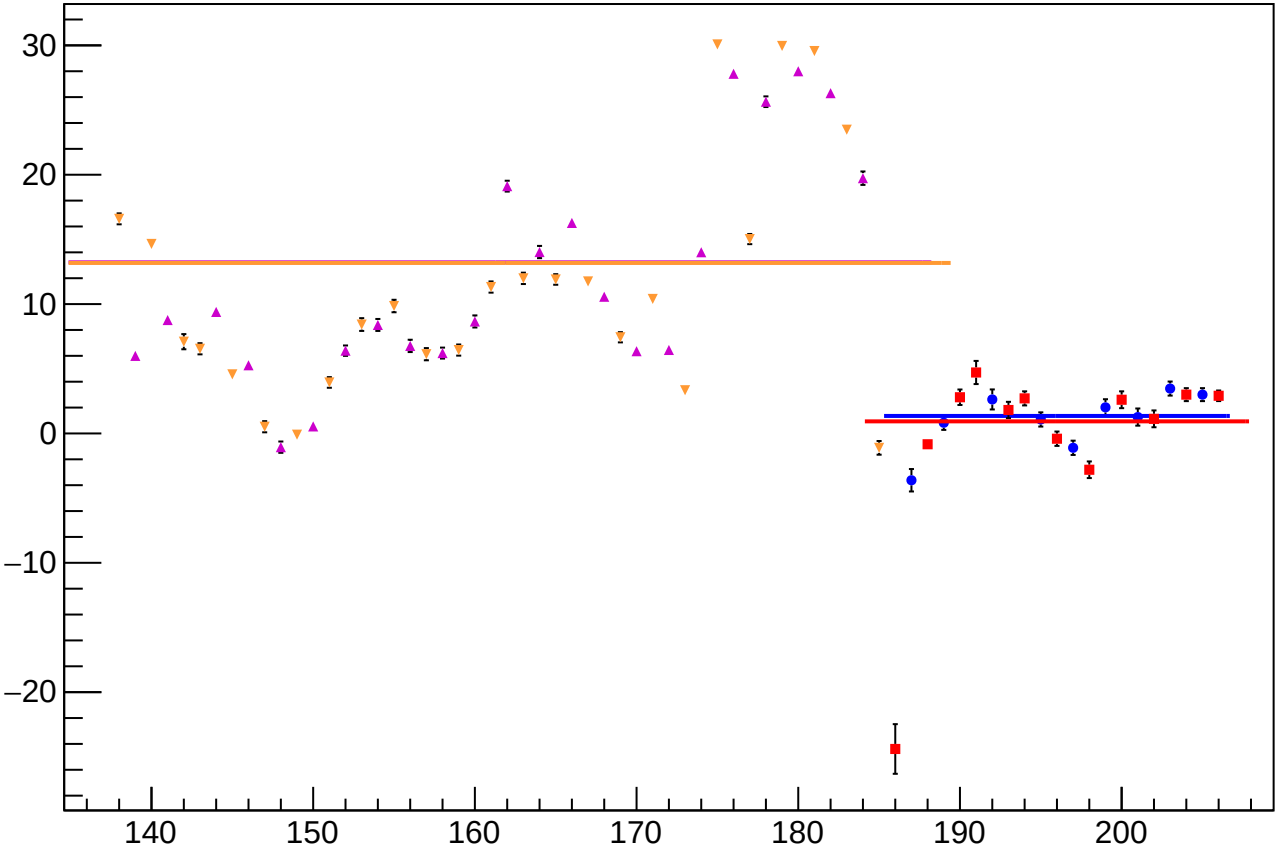
Right: 0.689+/-0.018 χ^2/NDF: 493.6/20

In: 0.168+/-0.004 χ^2/NDF:2615.1/31

Out: 0.185+/-0.004 χ^2/NDF:2202.5/36

All: 0.177+/-0.003 χ^2/NDF: 4828.9/68

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.353+/-0.200 χ^2/NDF: 83.7/8

Left Out: 13.181+/-0.075 χ^2/NDF:17039.3/24

Right Out: 0.934+/-0.152 χ^2/NDF: 340.4/11

Left In: 13.228+/-0.077 χ^2/NDF:14126.1/22

Left: 13.204+/-0.054 χ^2/NDF: 31165.6/47

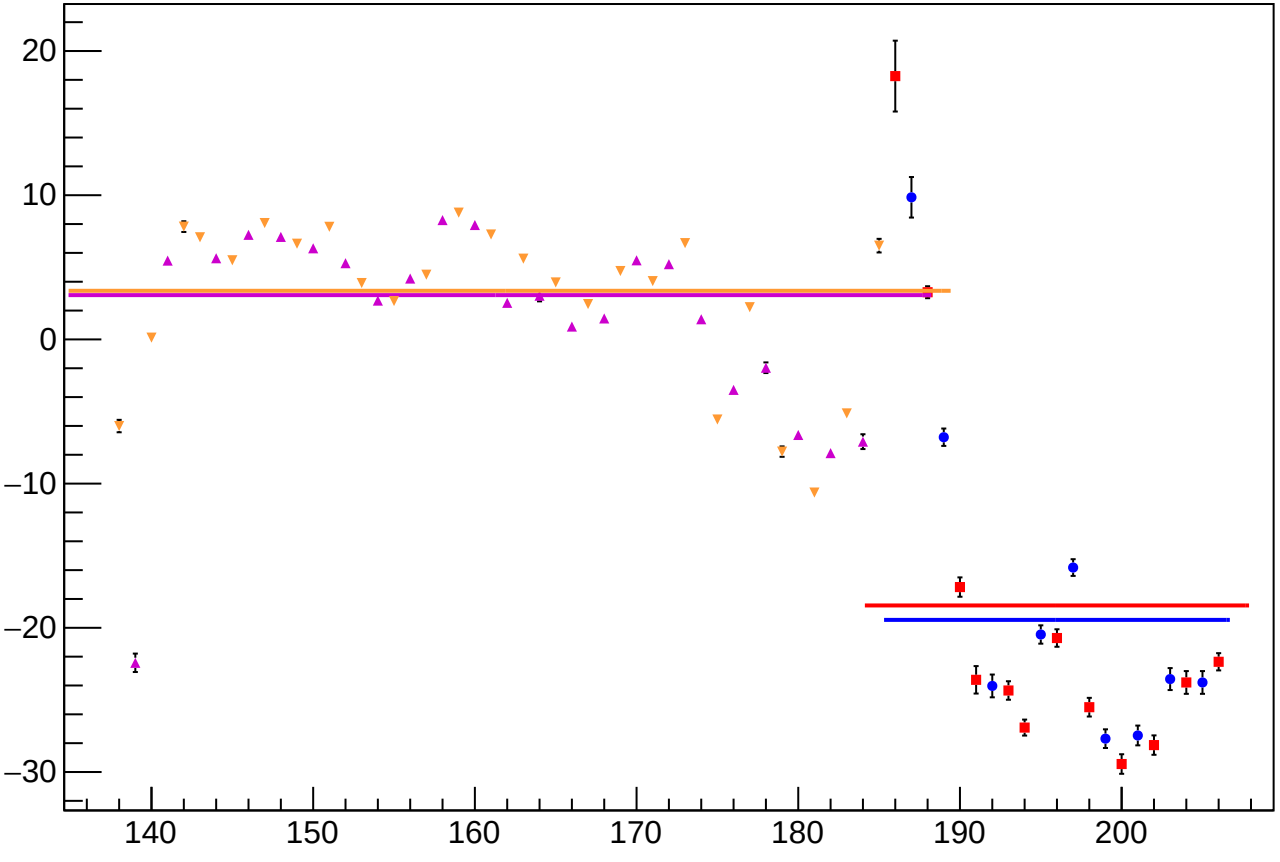
Right: 1.088+/-0.121 χ^2/NDF: 426.9/20

In: 11.705+/-0.072 χ^2/NDF:17288.6/31

Out: 10.771+/-0.068 χ^2/NDF:22574.5/36

All: 11.211+/-0.049 χ^2/NDF: 39953.3/68

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -19.451+/-0.235 χ^2/NDF: 1309.6/8

Left Out: 3.372+/-0.059 χ^2/NDF:8053.7/24

Right Out: -18.450+/-0.186 χ^2/NDF: 4013.1/11

Left In: 3.071+/-0.060 χ^2/NDF:7269.0/22

Left: 3.226+/-0.042 χ^2/NDF: 15335.5/47

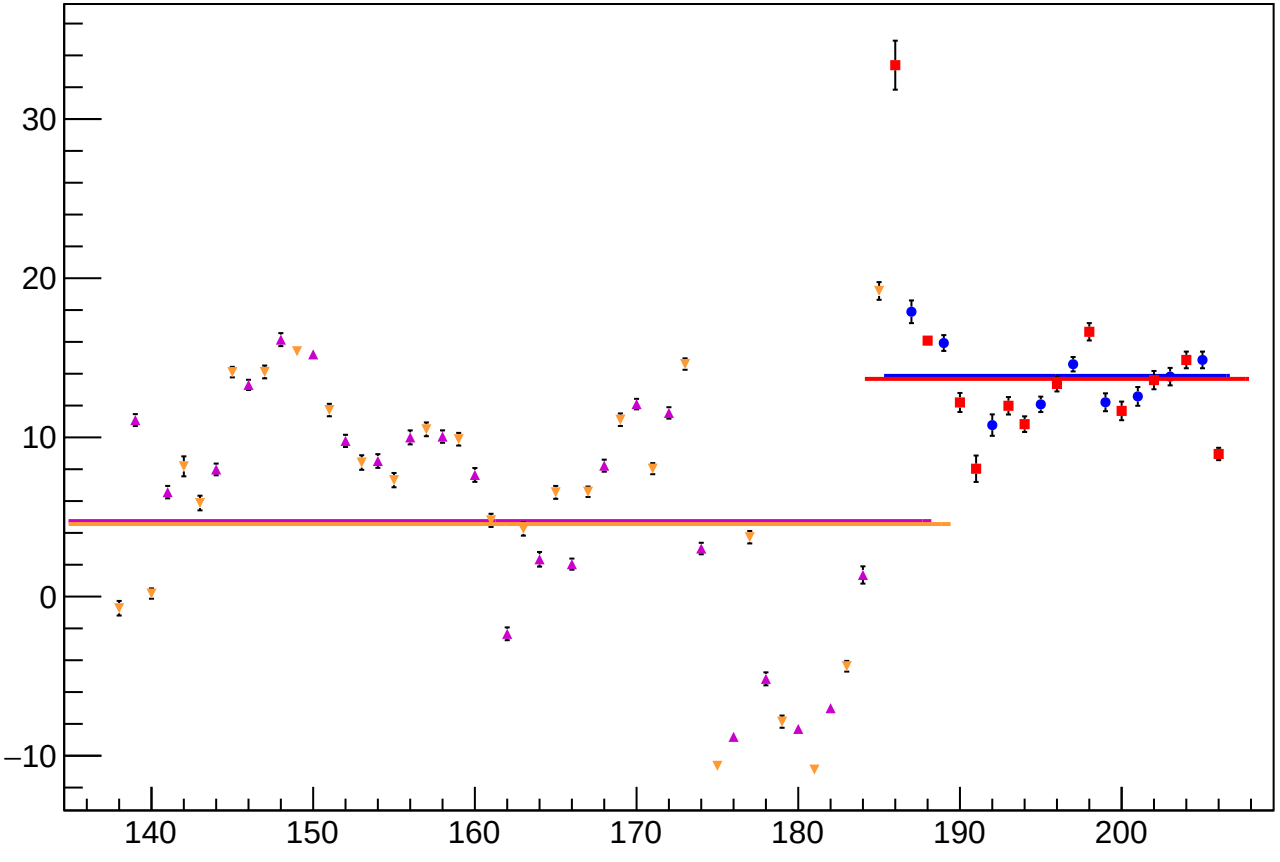
Right: -18.836+/-0.146 χ^2/NDF: 5333.9/20

In: 1.673+/-0.058 χ^2/NDF:17214.3/31

Out: 1.406+/-0.056 χ^2/NDF:24585.1/36

All: 1.533+/-0.040 χ^2/NDF: 41810.3/68

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.864+/-0.182 χ^2/NDF: 103.5/8

Left Out: 4.557+/-0.076 χ^2/NDF:13588.4/24

Right Out: 13.676+/-0.134 χ^2/NDF: 564.1/11

Left In: 4.741+/-0.076 χ^2/NDF:11418.2/22

Left: 4.648+/-0.054 χ^2/NDF: 25009.5/47

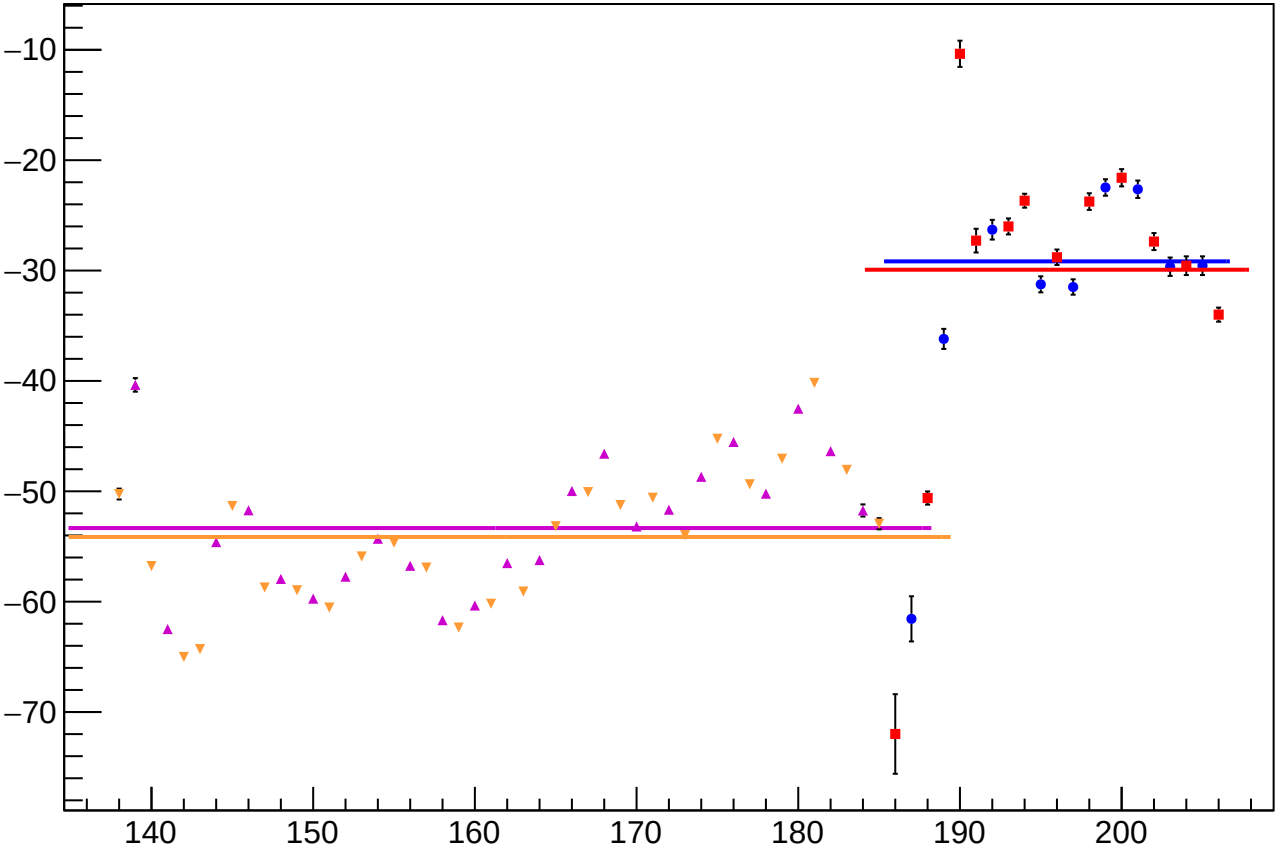
Right: 13.743+/-0.108 χ^2/NDF: 668.3/20

In: 6.114+/-0.070 χ^2/NDF:13667.5/31

Out: 6.746+/-0.066 χ^2/NDF:17651.4/36

All: 6.451+/-0.048 χ^2/NDF: 31361.8/68

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -29.168+/-0.279 χ^2/NDF: 489.7/8

Left Out: -54.139+/-0.067 χ^2/NDF:8301.1/24

Right Out: -29.925+/-0.225 χ^2/NDF: 1968.2/11

Left In: -53.330+/-0.068 χ^2/NDF:6940.2/22

Left: -53.745+/-0.048 χ^2/NDF: 15313.2/47

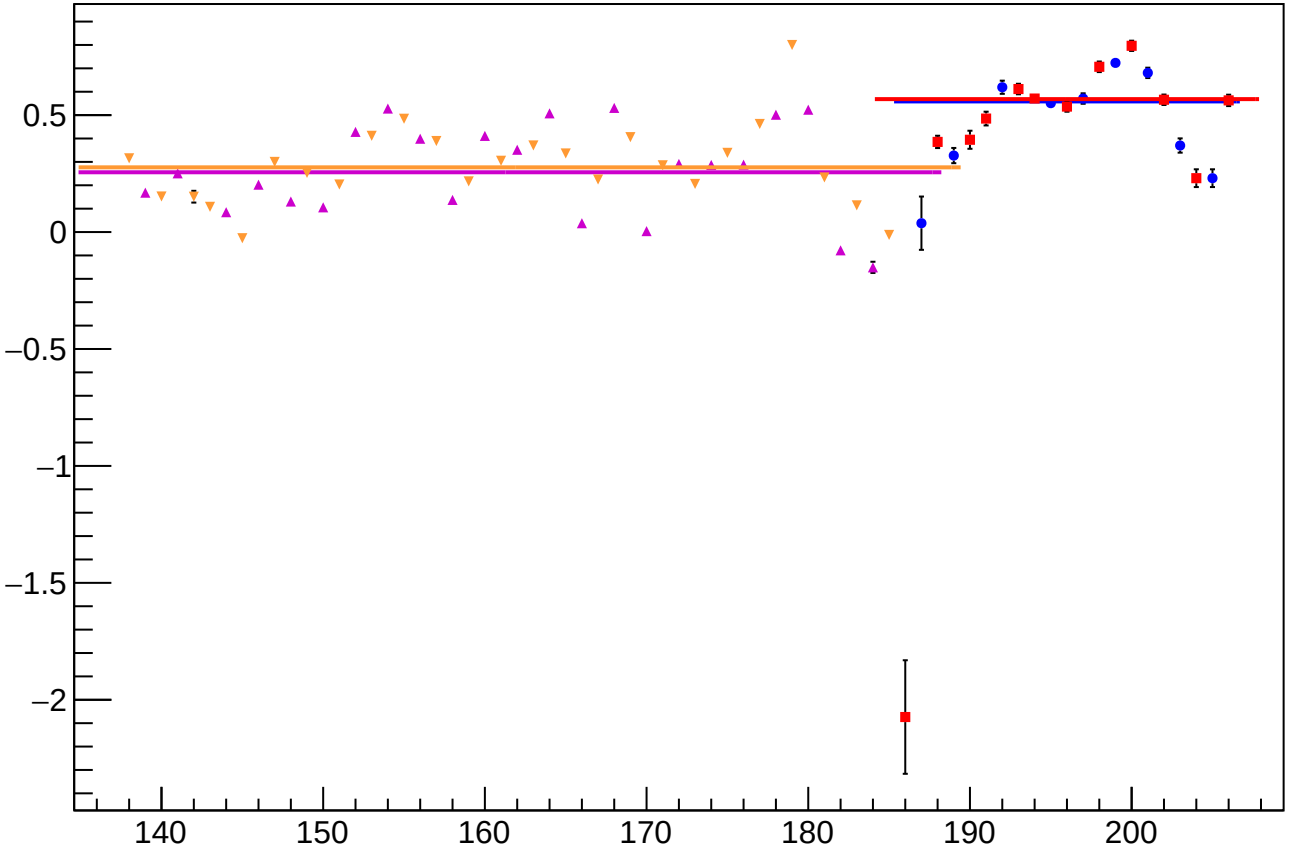
Right: -29.626+/-0.175 χ^2/NDF: 2462.4/20

In: -51.961+/-0.066 χ^2/NDF:14528.9/31

Out: -52.186+/-0.064 χ^2/NDF:20941.3/36

All: -52.078+/-0.046 χ^2/NDF: 35476.2/68

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.559+/-0.009 χ^2/NDF: 277.9/8

Left Out: 0.277+/-0.003 χ^2/NDF:2606.0/24

Right Out: 0.568+/-0.007 χ^2/NDF: 425.4/11

Left In: 0.256+/-0.003 χ^2/NDF:3644.0/22

Left: 0.266+/-0.002 χ^2/NDF: 6273.6/47

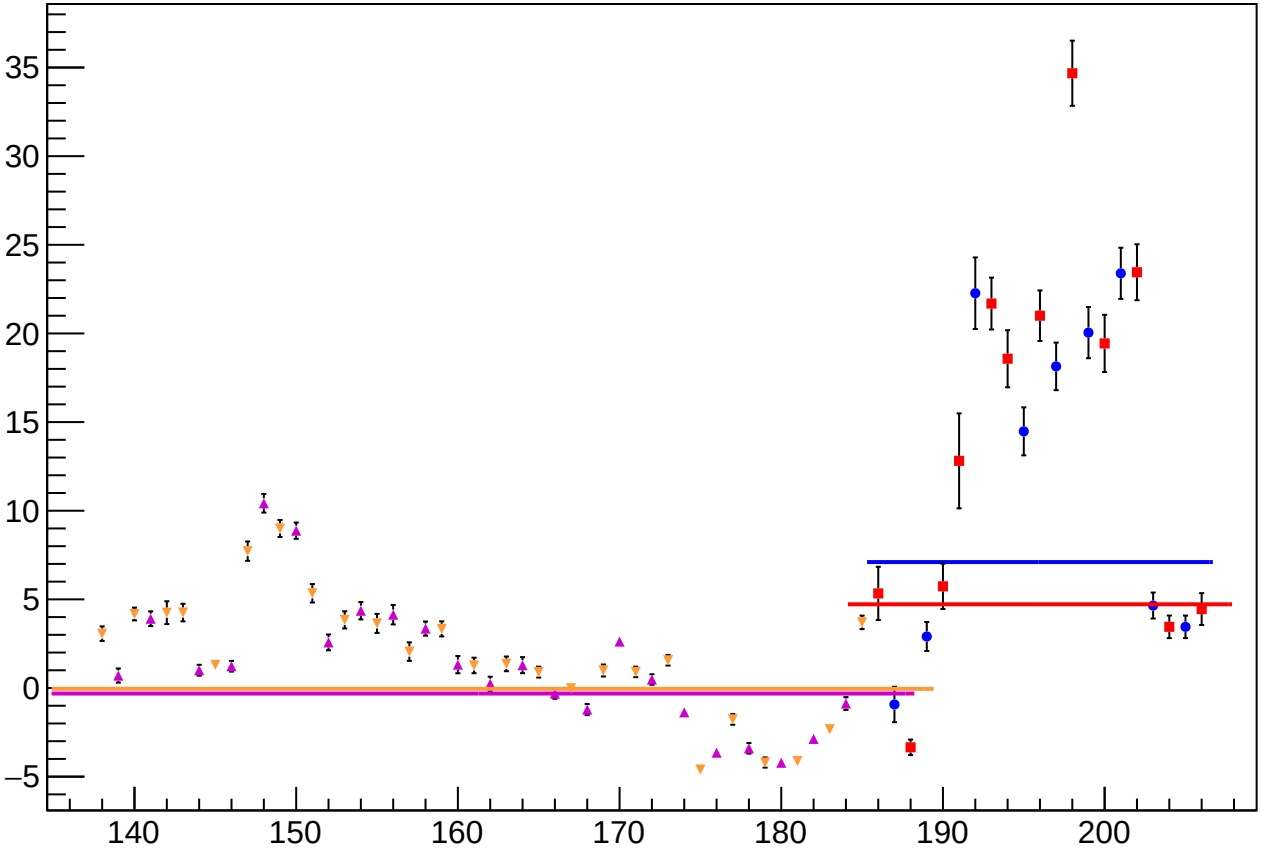
Right: 0.565+/-0.006 χ^2/NDF: 704.1/20

In: 0.288+/-0.003 χ^2/NDF:4938.4/31

Out: 0.320+/-0.003 χ^2/NDF:4387.4/36

All: 0.304+/-0.002 χ^2/NDF: 9390.1/68

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.104+/-0.331 χ^2/NDF: 496.4/8

Left Out: -0.046+/-0.066 χ^2/NDF:2628.9/24

Right Out: 4.723+/-0.283 χ^2/NDF: 1180.6/11

Left In: -0.312+/-0.067 χ^2/NDF:2252.6/22

Left: -0.177+/-0.047 χ^2/NDF: 4889.5/47

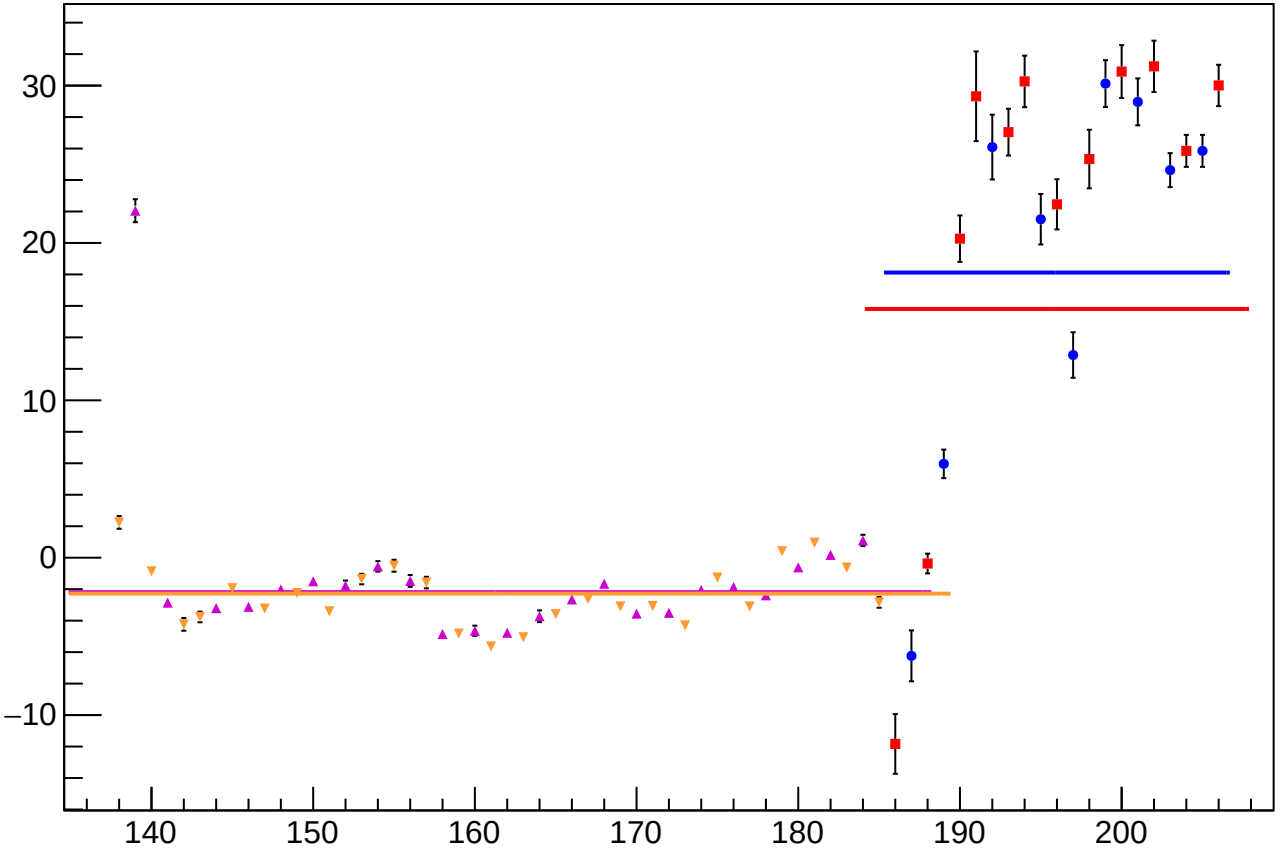
Right: 5.727+/-0.215 χ^2/NDF: 1706.9/20

In: -0.020+/-0.066 χ^2/NDF:3231.4/31

Out: 0.201+/-0.064 χ^2/NDF:4079.4/36

All: 0.093+/-0.046 χ^2/NDF: 7316.7/68

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.119+/-0.429 χ^2/NDF: 651.3/8

Left Out: -2.283+/-0.054 χ^2/NDF:1132.1/24

Right Out: 15.805+/-0.373 χ^2/NDF: 1471.6/11

Left In: -2.190+/-0.055 χ^2/NDF:1785.1/22

Left: -2.237+/-0.039 χ^2/NDF: 2918.6/47

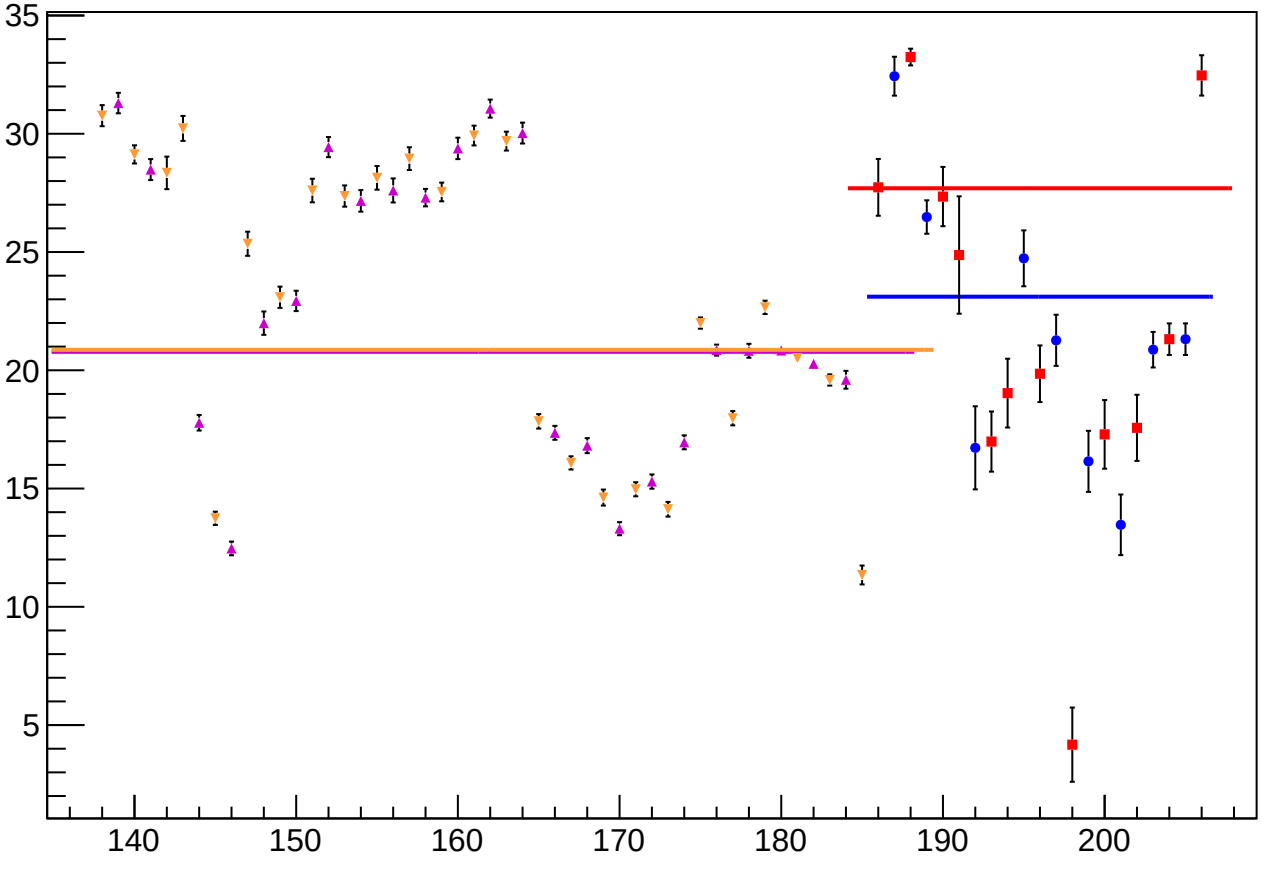
Right: 16.801+/-0.282 χ^2/NDF: 2139.5/20

In: -1.862+/-0.054 χ^2/NDF:4640.3/31

Out: -1.909+/-0.054 χ^2/NDF:4906.3/36

All: -1.886+/-0.038 χ^2/NDF: 9547.1/68

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 23.111+/-0.307 χ^2/NDF: 271.2/8

Left Out: 20.865+/-0.067 χ^2/NDF:6608.4/24

Right Out: 27.695+/-0.248 χ^2/NDF: 847.8/11

Left In: 20.780+/-0.067 χ^2/NDF:5988.0/22

Left: 20.823+/-0.047 χ^2/NDF: 12597.2/47

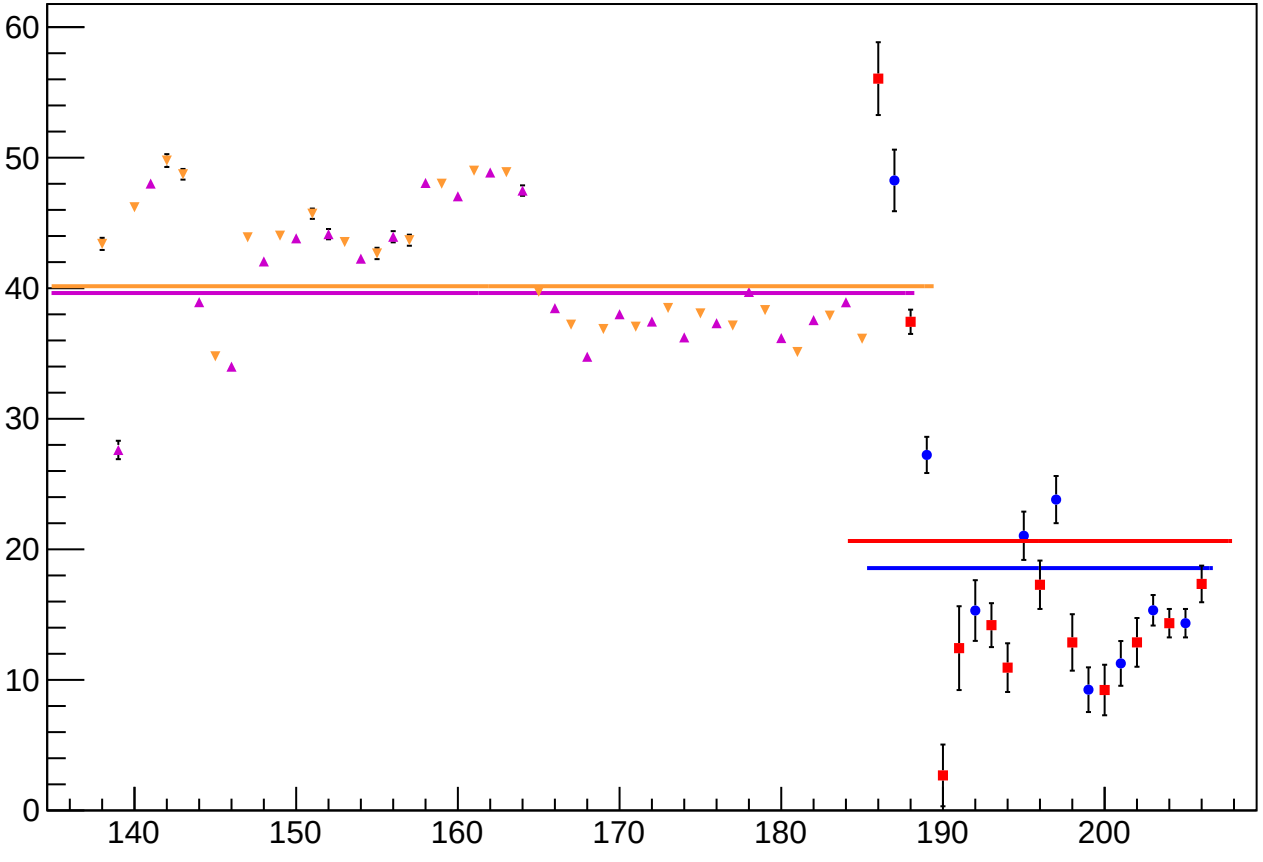
Right: 25.887+/-0.193 χ^2/NDF: 1253.9/20

In: 20.886+/-0.066 χ^2/NDF:6314.2/31

Out: 21.327+/-0.064 χ^2/NDF:8164.2/36

All: 21.111+/-0.046 χ^2/NDF: 14501.3/68

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.564+/-0.517 χ^2/NDF: 280.3/8

Left Out: 40.154+/-0.060 χ^2/NDF:5861.6/24

Right Out: 20.639+/-0.466 χ^2/NDF: 700.2/11

Left In: 39.632+/-0.061 χ^2/NDF:5343.3/22

Left: 39.896+/-0.043 χ^2/NDF: 11241.6/47

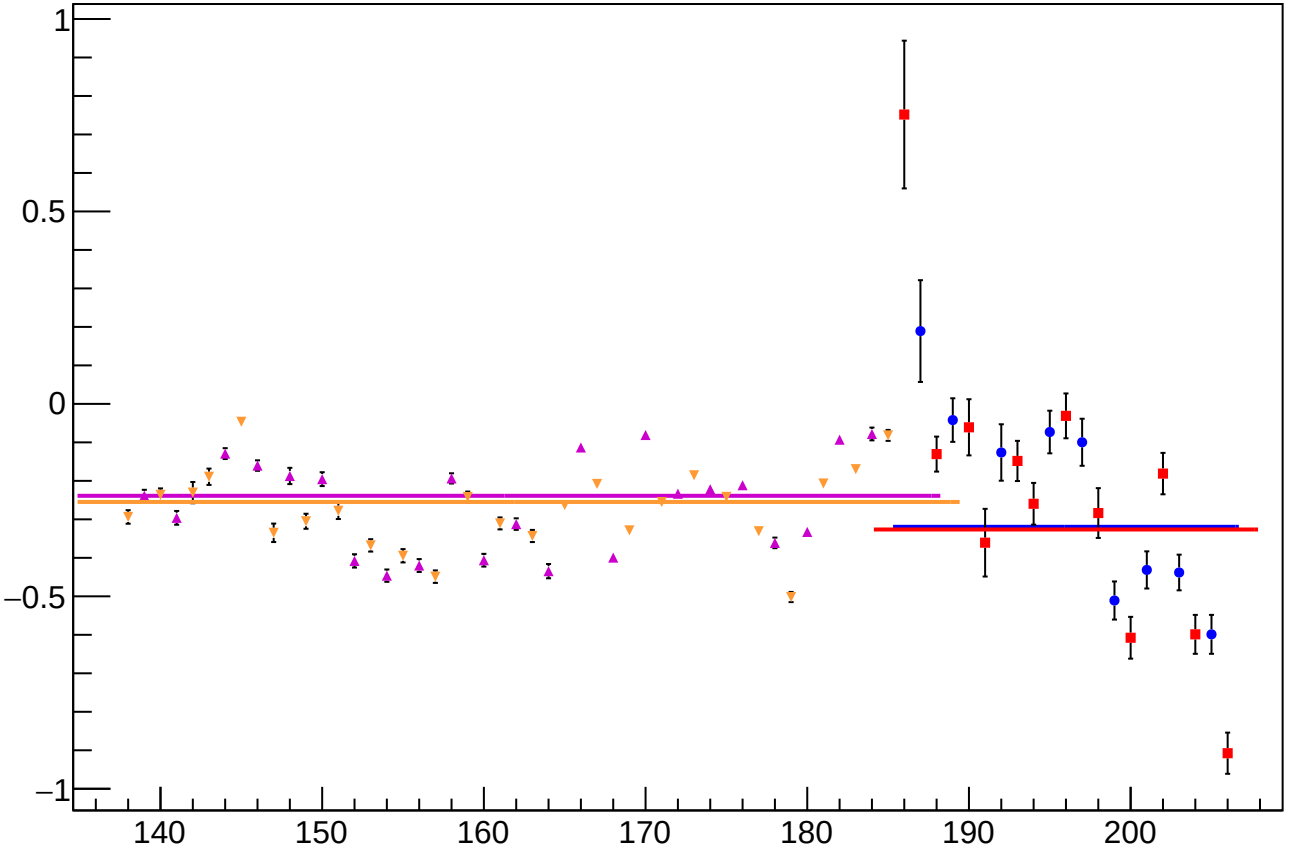
Right: 19.710+/-0.346 χ^2/NDF: 989.4/20

In: 39.341+/-0.061 χ^2/NDF:7260.9/31

Out: 39.830+/-0.060 χ^2/NDF:8288.9/36

All: 39.589+/-0.043 χ^2/NDF: 15582.6/68

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.319+/-0.019 χ^2/NDF: 135.8/8

Left Out: -0.255+/-0.003 χ^2/NDF:1417.7/24

Right Out: -0.326+/-0.017 χ^2/NDF: 284.0/11

Left In: -0.239+/-0.003 χ^2/NDF:1750.0/22

Left: -0.247+/-0.002 χ^2/NDF: 3184.5/47

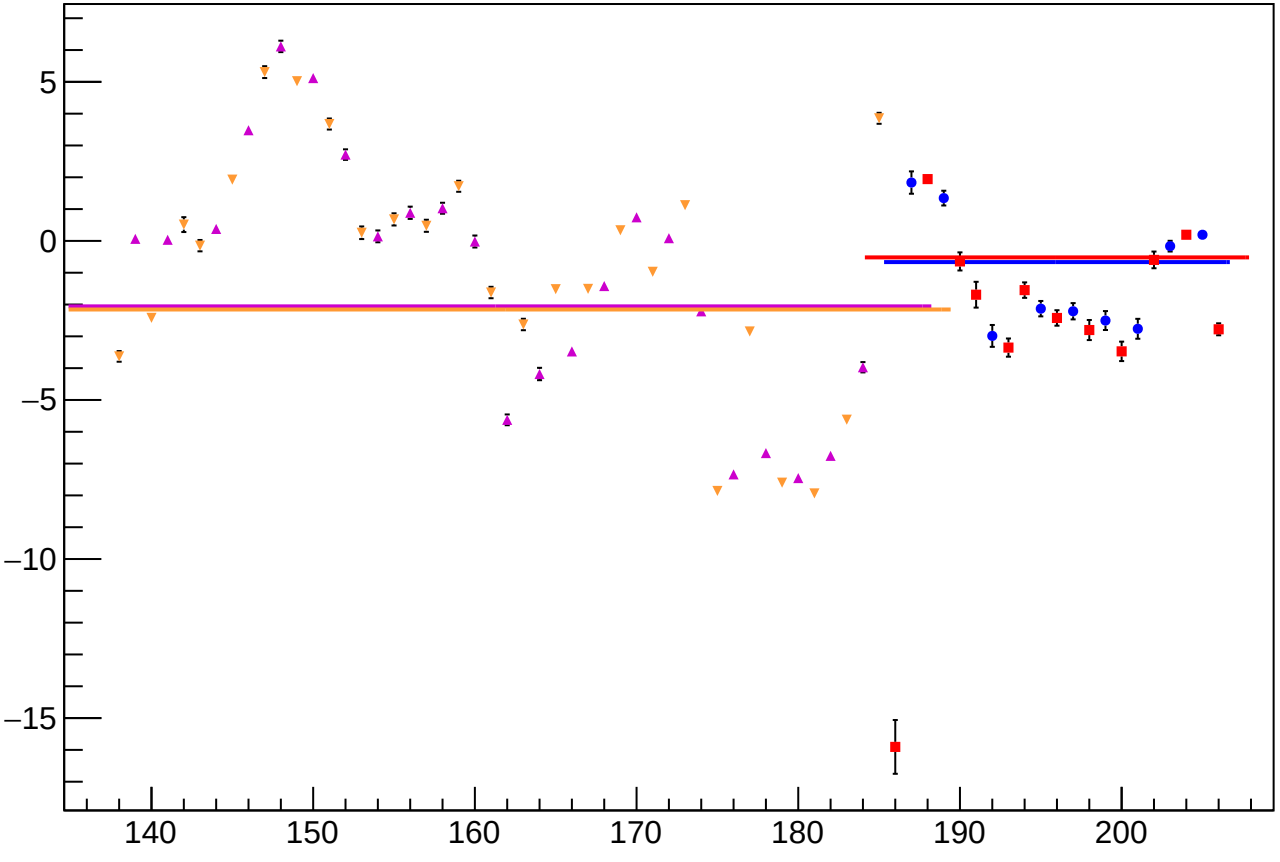
Right: -0.323+/-0.013 χ^2/NDF: 419.9/20

In: -0.241+/-0.003 χ^2/NDF:1903.9/31

Out: -0.257+/-0.003 χ^2/NDF:1719.1/36

All: -0.249+/-0.002 χ^2/NDF: 3640.4/68

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.666+/-0.078 χ^2/NDF: 366.3/8

Left Out: -2.156+/-0.026 χ^2/NDF:24501.3/24

Right Out: -0.518+/-0.063 χ^2/NDF: 1331.6/11

Left In: -2.058+/-0.026 χ^2/NDF:23343.8/22

Left: -2.107+/-0.018 χ^2/NDF: 47852.3/47

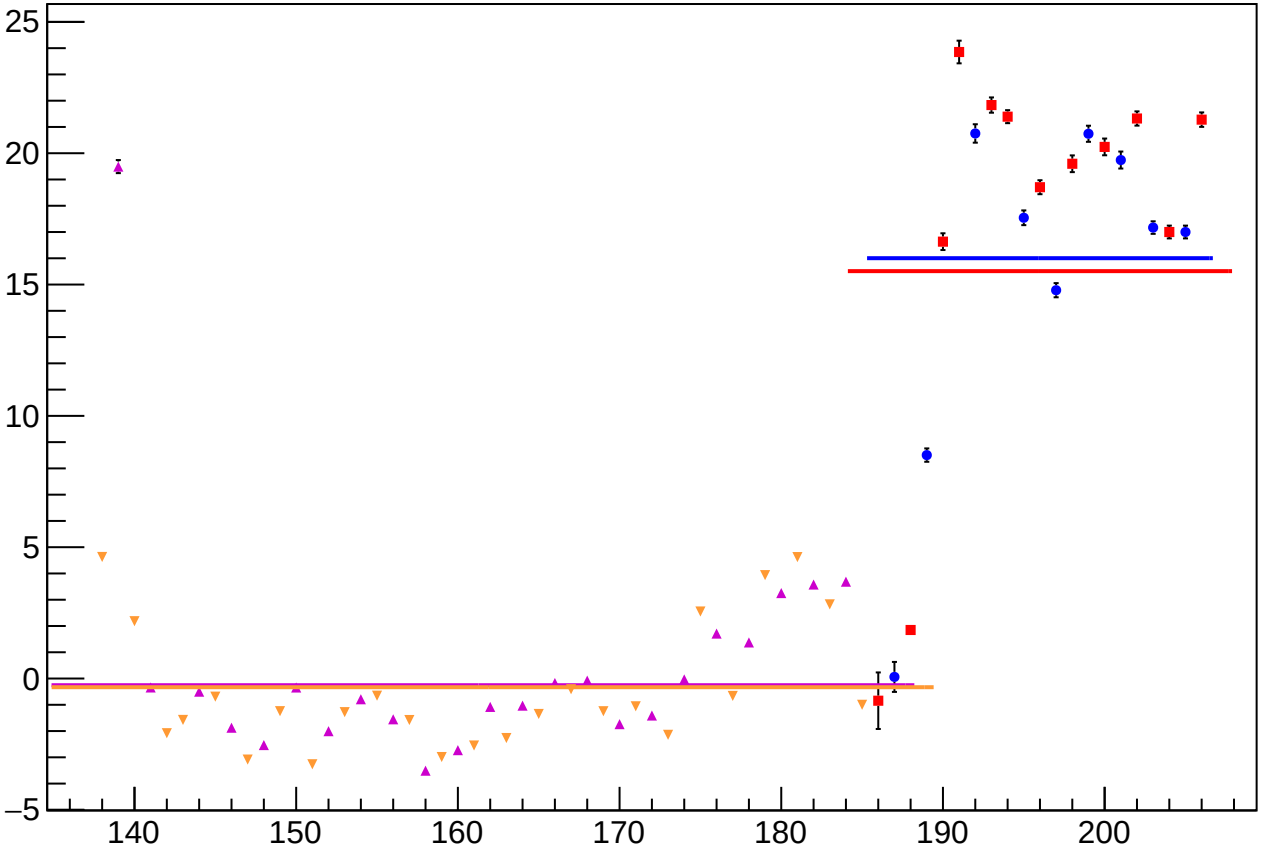
Right: -0.576+/-0.049 χ^2/NDF: 1700.1/20

In: -1.919+/-0.025 χ^2/NDF:23997.9/31

Out: -1.922+/-0.024 χ^2/NDF:26415.5/36

All: -1.920+/-0.017 χ^2/NDF: 50413.5/68

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.004+/-0.096 χ^2/NDF: 2294.0/8

Left Out: -0.331+/-0.021 χ^2/NDF:12552.3/24

Right Out: 15.511+/-0.079 χ^2/NDF: 10284.4/11

Left In: -0.255+/-0.021 χ^2/NDF:14162.0/22

Left: -0.293+/-0.015 χ^2/NDF: 26721.1/47

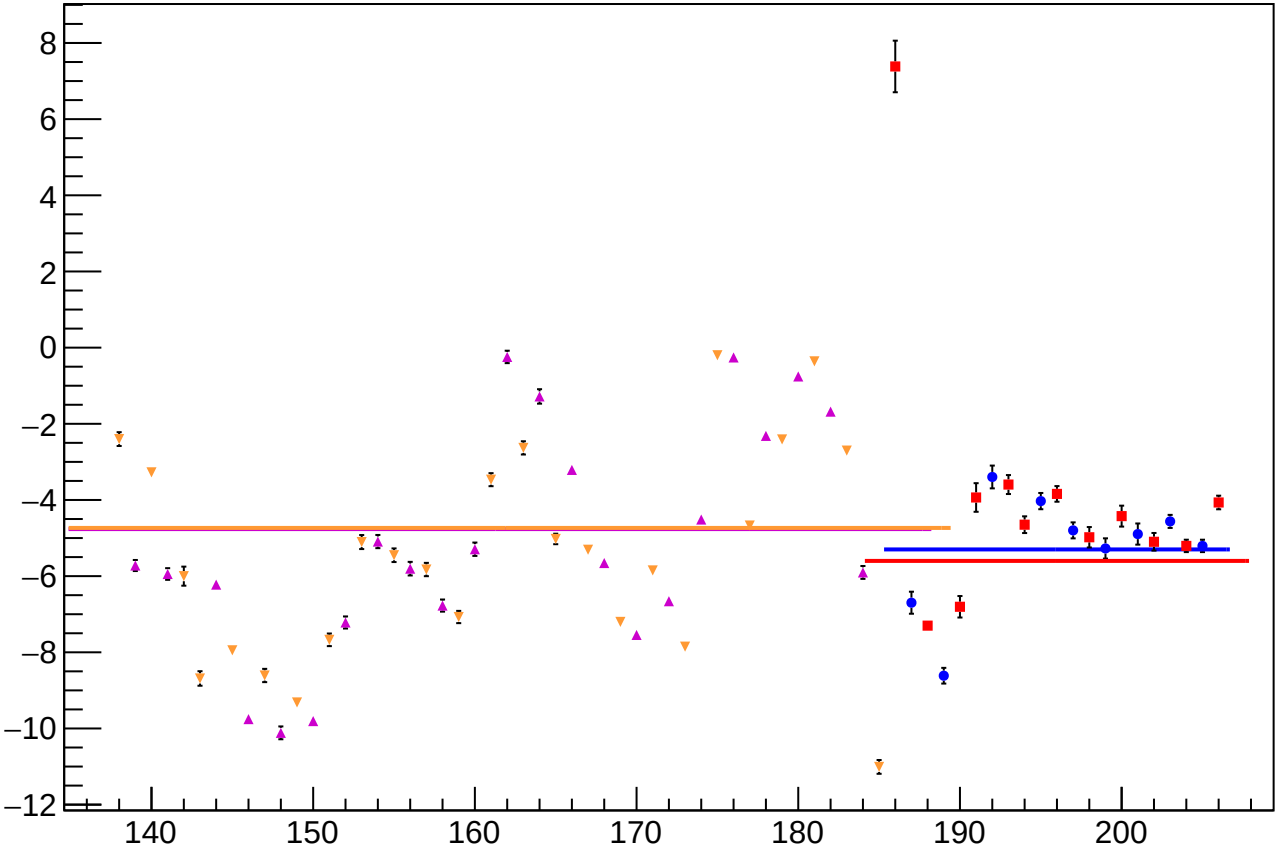
Right: 15.709+/-0.061 χ^2/NDF: 12594.1/20

In: 0.473+/-0.020 χ^2/NDF:43622.8/31

Out: 0.679+/-0.020 χ^2/NDF:60436.9/36

All: 0.578+/-0.014 χ^2/NDF: 104111.5/68

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.299+/-0.073 χ^2/NDF: 384.1/8

Left Out: -4.734+/-0.026 χ^2/NDF:13188.7/24

Right Out: -5.600+/-0.056 χ^2/NDF: 1035.6/11

Left In: -4.764+/-0.026 χ^2/NDF:14163.2/22

Left: -4.749+/-0.018 χ^2/NDF: 27352.6/47

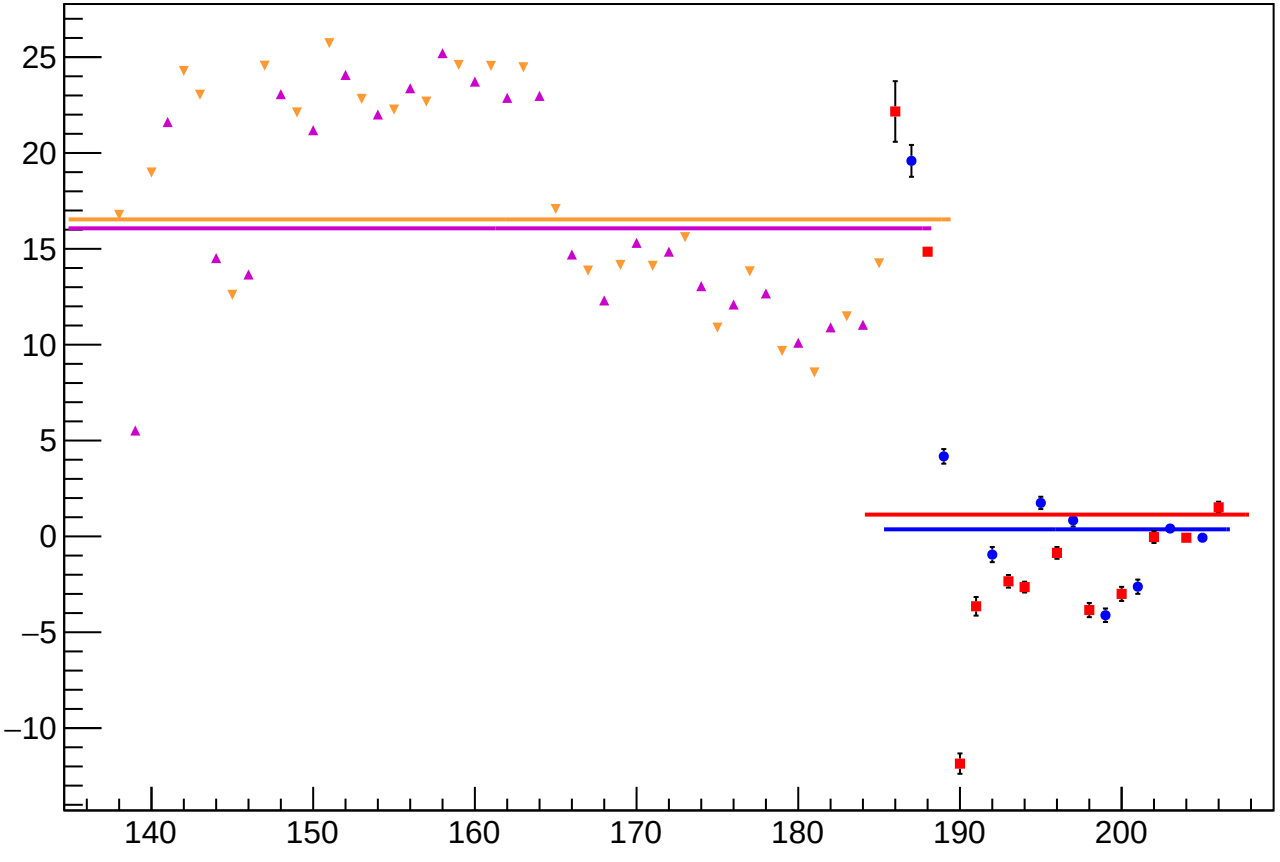
Right: -5.488+/-0.044 χ^2/NDF: 1430.7/20

In: -4.825+/-0.024 χ^2/NDF:14595.4/31

Out: -4.888+/-0.023 χ^2/NDF:14423.8/36

All: -4.858+/-0.017 χ^2/NDF: 29022.7/68

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.368+/-0.113 χ^2/NDF: 895.0/8

Left Out: 16.536+/-0.023 χ^2/NDF:53546.9/24

Right Out: 1.137+/-0.095 χ^2/NDF: 4985.2/11

Left In: 16.069+/-0.023 χ^2/NDF:42736.3/22

Left: 16.306+/-0.016 χ^2/NDF: 96483.6/47

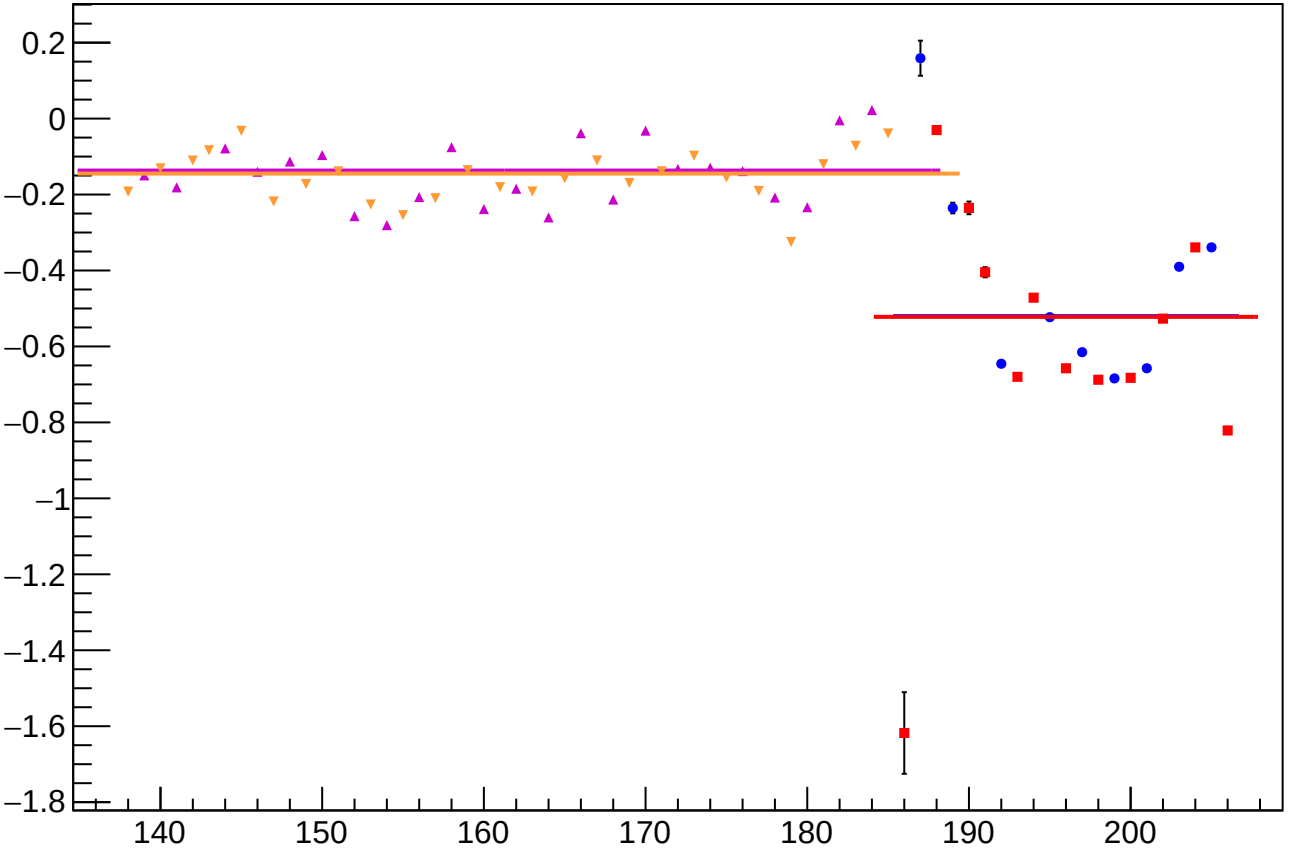
Right: 0.817+/-0.073 χ^2/NDF: 5907.3/20

In: 15.420+/-0.023 χ^2/NDF:62148.4/31

Out: 15.678+/-0.023 χ^2/NDF:83133.8/36

All: 15.551+/-0.016 χ^2/NDF: 145346.5/68

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.520+/-0.004 χ^2/NDF: 1672.0/8

Left Out: -0.145+/-0.001 χ^2/NDF:3755.1/24

Right Out: -0.522+/-0.003 χ^2/NDF: 4606.6/11

Left In: -0.137+/-0.001 χ^2/NDF:5383.4/22

Left: -0.141+/-0.001 χ^2/NDF: 9167.1/47

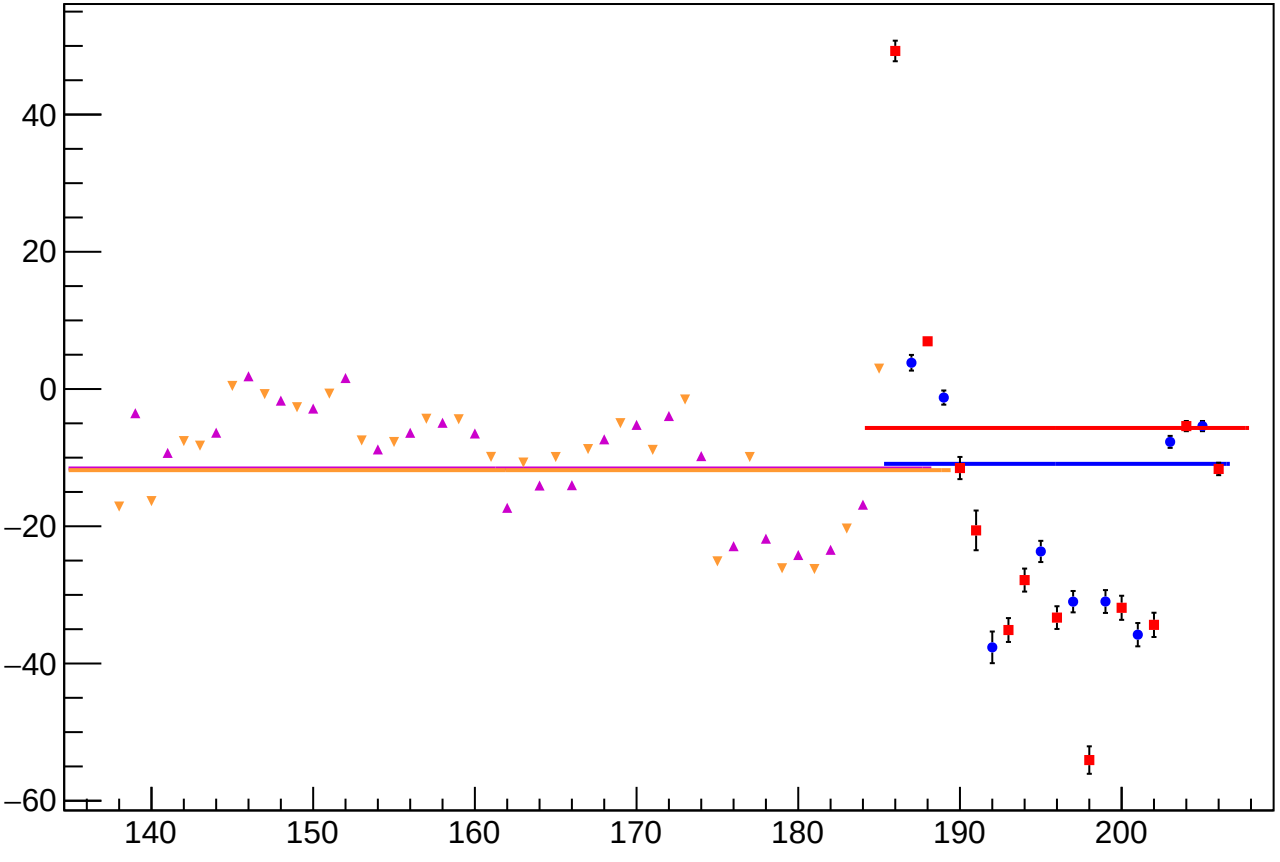
Right: -0.521+/-0.002 χ^2/NDF: 6278.7/20

In: -0.165+/-0.001 χ^2/NDF:16483.6/31

Out: -0.182+/-0.001 χ^2/NDF:21046.7/36

All: -0.174+/-0.001 χ^2/NDF: 37681.4/68

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.903+/-0.391 χ^2/NDF: 1050.9/8

Left Out: -11.823+/-0.070 χ^2/NDF:17277.3/24

Right Out: -5.674+/-0.326 χ^2/NDF: 3789.5/11

Left In: -11.580+/-0.071 χ^2/NDF:14243.6/22

Left: -11.703+/-0.050 χ^2/NDF: 31526.7/47

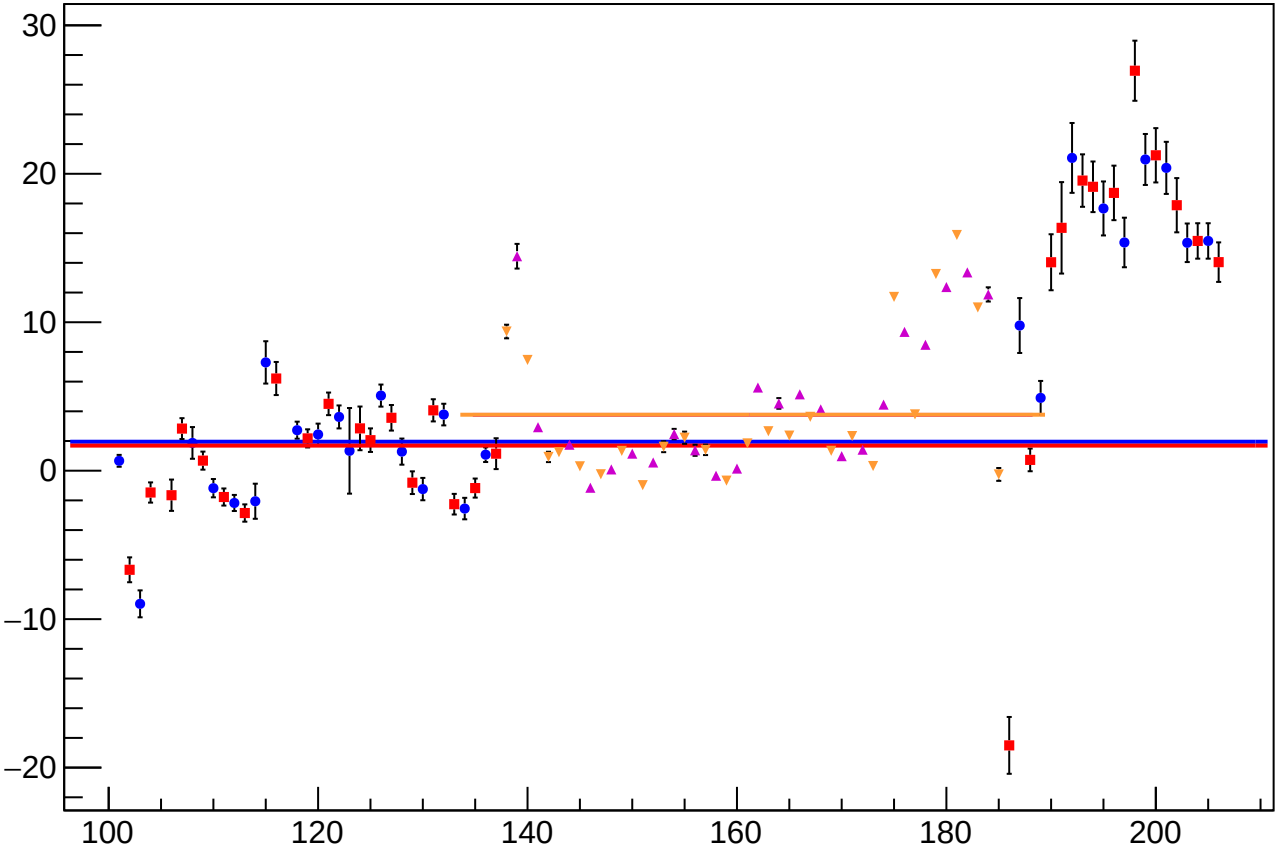
Right: -7.824+/-0.250 χ^2/NDF: 4946.0/20

In: -11.558+/-0.070 χ^2/NDF:15297.4/31

Out: -11.549+/-0.069 χ^2/NDF:21406.0/36

All: -11.554+/-0.049 χ^2/NDF: 36703.5/68

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.951+/-0.160 χ^2/NDF: 1053.5/25

Left Out: 3.770+/-0.056 χ^2/NDF:7420.4/24

Right Out: 1.690+/-0.162 χ^2/NDF: 1382.1/29

Left In: 3.755+/-0.056 χ^2/NDF:5655.2/22

Left: 3.763+/-0.040 χ^2/NDF: 13075.6/47

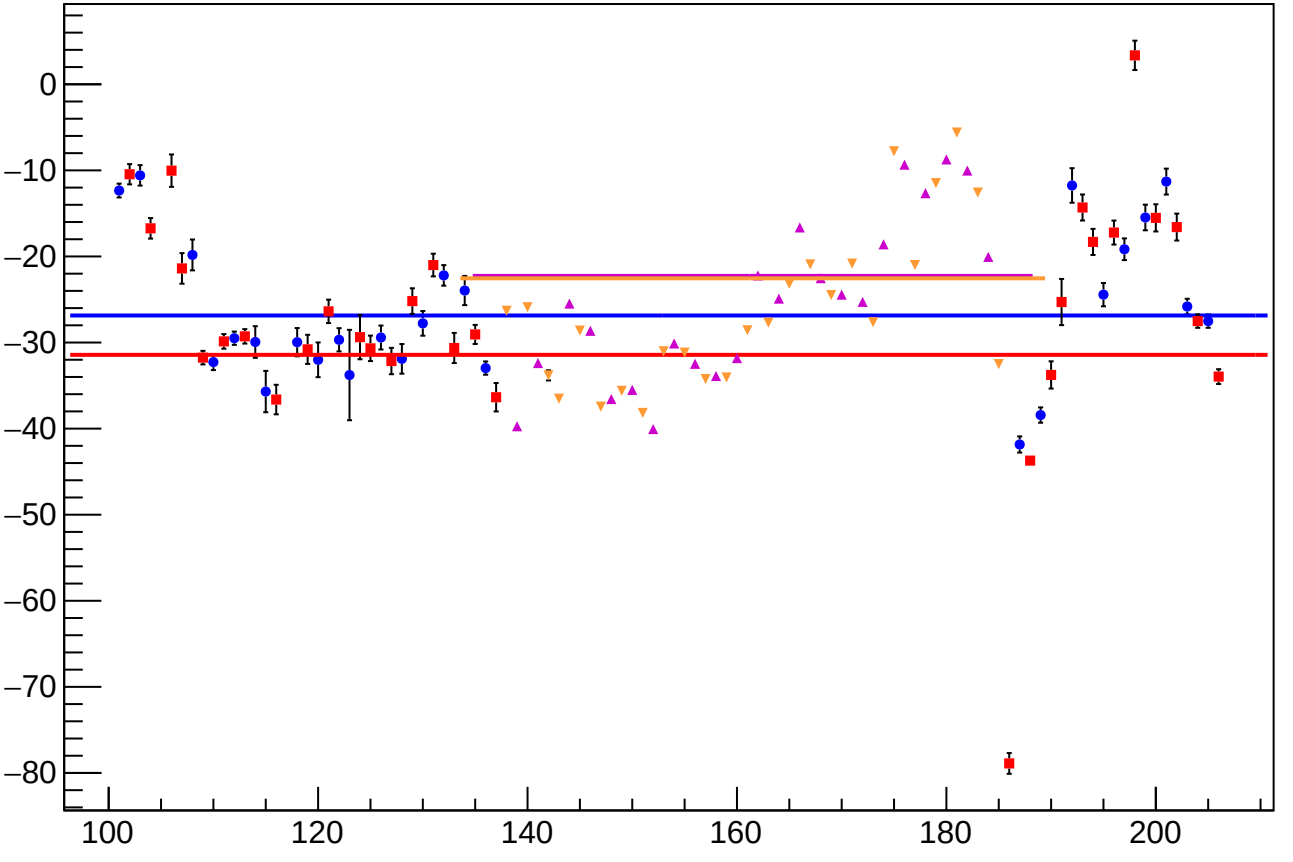
Right: 1.822+/-0.114 χ^2/NDF: 2436.9/55

In: 3.557+/-0.053 χ^2/NDF:6821.3/48

Out: 3.550+/-0.053 χ^2/NDF:8950.2/54

All: 3.553+/-0.037 χ^2/NDF: 15771.5/103

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.859+/-0.231 χ^2/NDF: 1388.1/25

Left Out: -22.540+/-0.071 χ^2/NDF:19751.6/24

Right Out: -31.430+/-0.207 χ^2/NDF: 4069.9/29

Left In: -22.258+/-0.071 χ^2/NDF:17838.4/22

Left: -22.400+/-0.050 χ^2/NDF: 37597.8/47

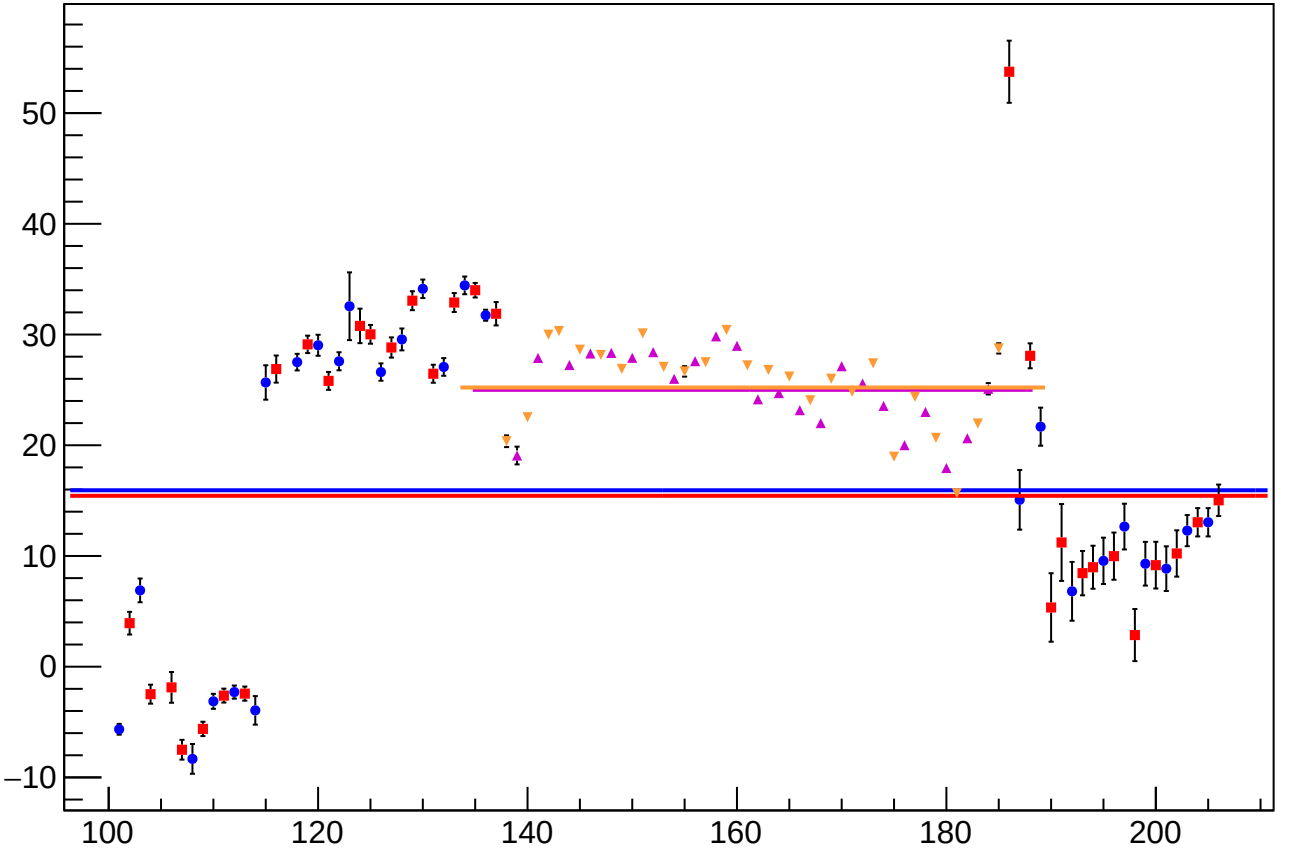
Right: -29.394+/-0.154 χ^2/NDF: 5675.2/55

In: -22.658+/-0.068 χ^2/NDF:19588.6/48

Out: -23.470+/-0.067 χ^2/NDF:25472.4/54

All: -23.071+/-0.048 χ^2/NDF: 45133.3/103

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.934+/-0.182 χ^2/NDF: 7684.4/25

Left Out: 25.216+/-0.063 χ^2/NDF:3738.3/24

Right Out: 15.435+/-0.185 χ^2/NDF: 7669.6/29

Left In: 25.005+/-0.064 χ^2/NDF:2733.7/22

Left: 25.112+/-0.045 χ^2/NDF: 6477.5/47

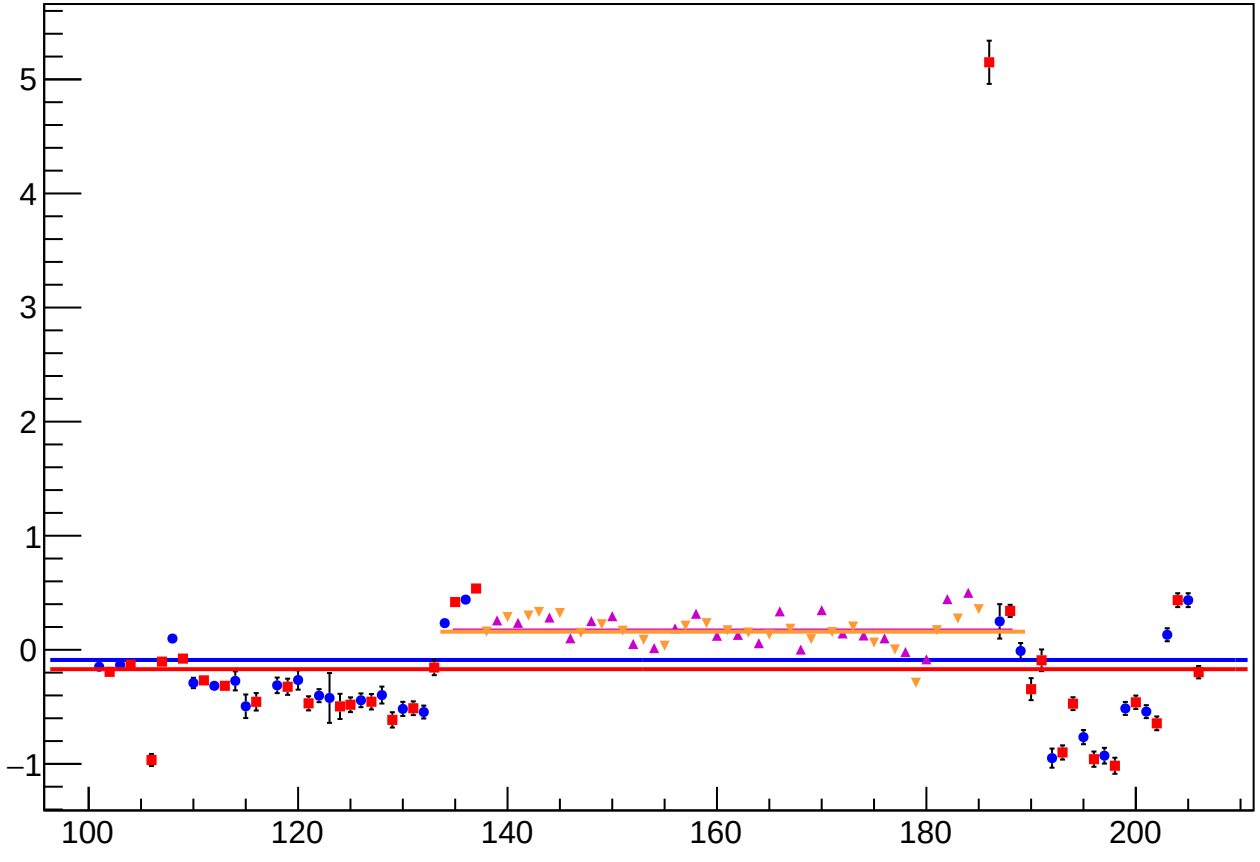
Right: 15.688+/-0.130 χ^2/NDF: 15357.7/55

In: 24.020+/-0.060 χ^2/NDF:12626.3/48

Out: 24.205+/-0.059 χ^2/NDF:13921.3/54

All: 24.113+/-0.042 χ^2/NDF: 26552.3/103

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.089+/-0.009 χ^2/NDF: 1626.0/25

Left Out: 0.159+/-0.003 χ^2/NDF:1856.8/24

Right Out: -0.170+/-0.009 χ^2/NDF: 2695.8/29

Left In: 0.169+/-0.003 χ^2/NDF:2430.7/22

Left: 0.164+/-0.002 χ^2/NDF: 4293.8/47

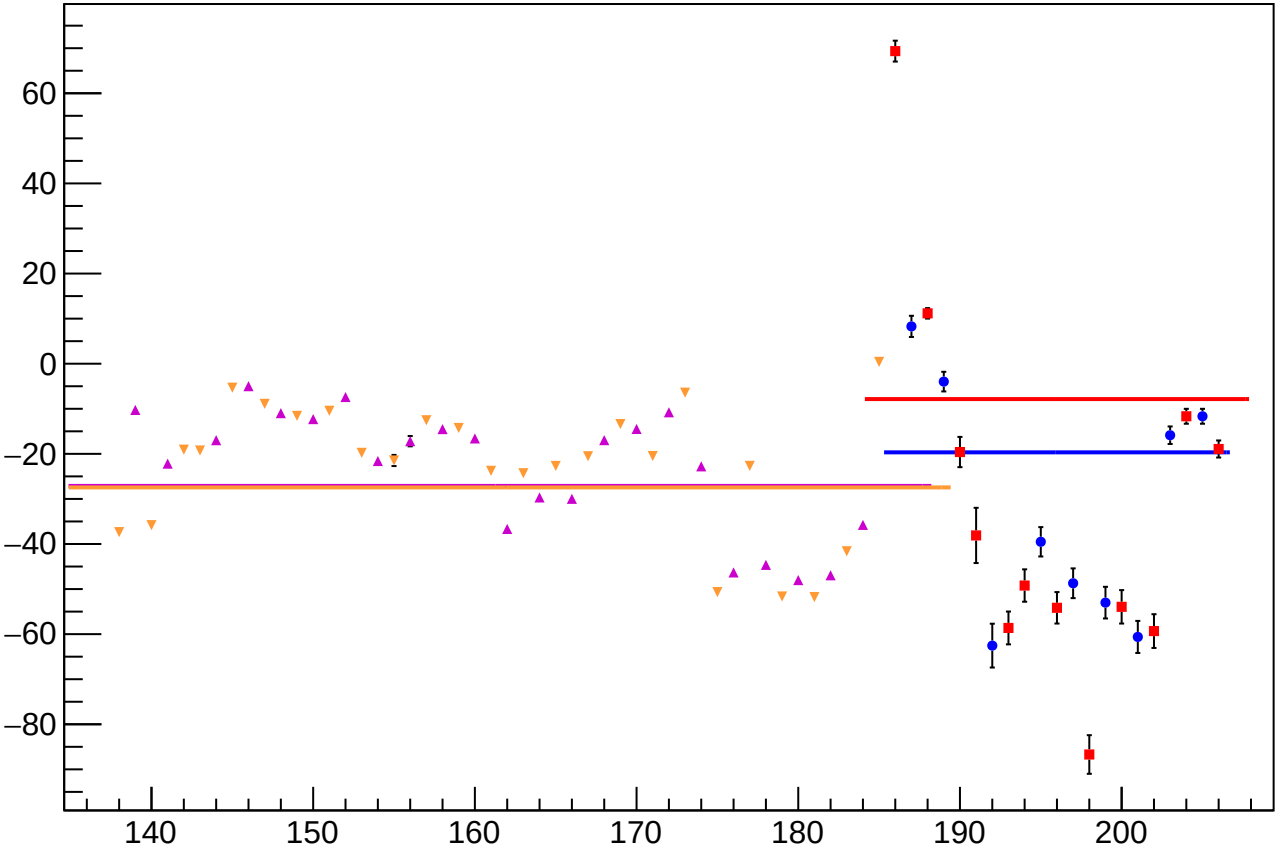
Right: -0.130+/-0.007 χ^2/NDF: 4360.1/55

In: 0.146+/-0.003 χ^2/NDF:4753.5/48

Out: 0.129+/-0.003 χ^2/NDF:5735.9/54

All: 0.138+/-0.002 χ^2/NDF: 10508.7/103

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.666+/-0.842 χ^2/NDF: 635.8/8

Left Out: -27.447+/-0.137 χ^2/NDF:14820.6/24

Right Out: -7.846+/-0.687 χ^2/NDF: 2639.5/11

Left In: -27.114+/-0.139 χ^2/NDF:11443.8/22

Left: -27.283+/-0.097 χ^2/NDF: 26267.3/47

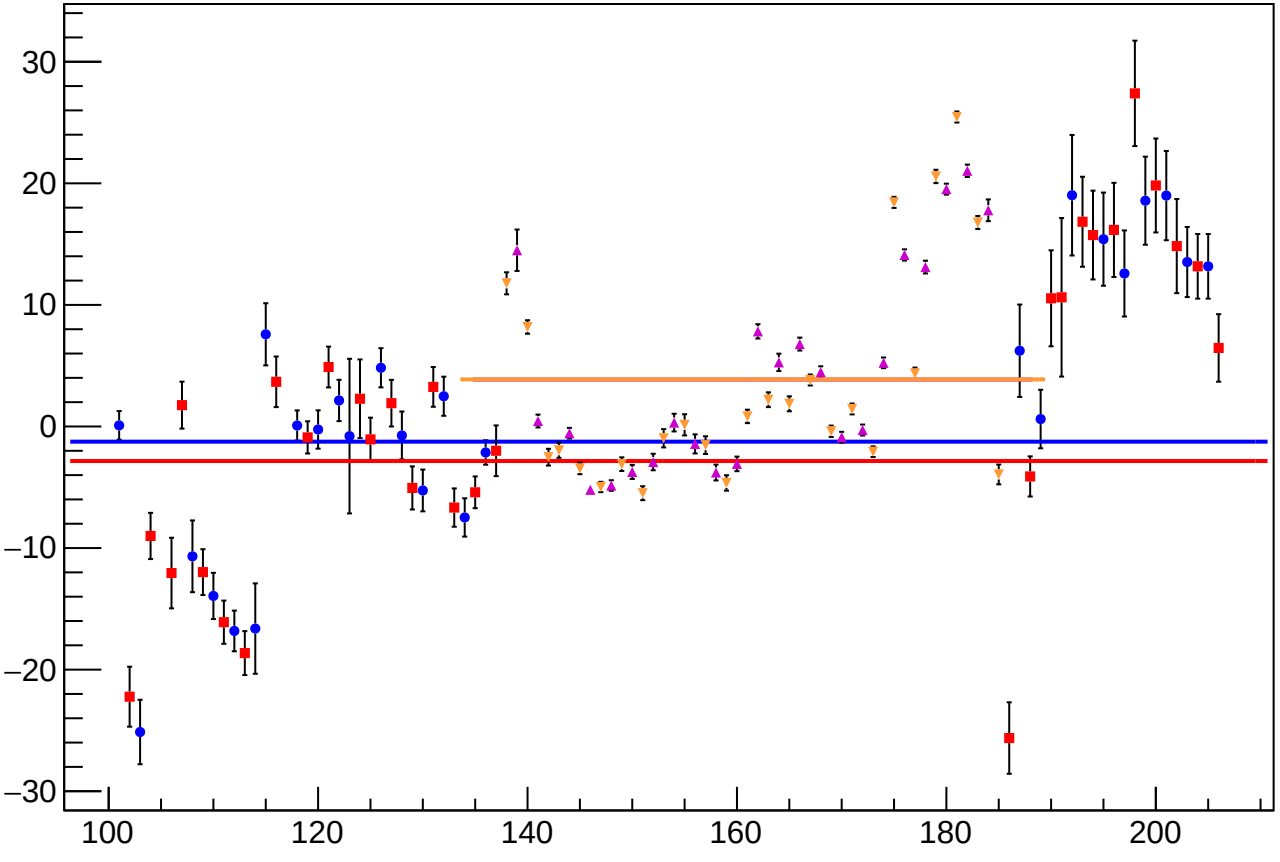
Right: -12.567+/-0.532 χ^2/NDF: 3393.7/20

In: -26.918+/-0.137 χ^2/NDF:12155.7/31

Out: -26.696+/-0.134 χ^2/NDF:18243.9/36

All: -26.805+/-0.096 χ^2/NDF: 30400.9/68

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.249+/-0.382 χ^2/NDF: 471.2/25

Left Out: 3.873+/-0.109 χ^2/NDF:6906.0/24

Right Out: -2.841+/-0.386 χ^2/NDF: 618.3/29

Left In: 3.861+/-0.111 χ^2/NDF:5438.4/22

Left: 3.867+/-0.078 χ^2/NDF: 12344.4/47

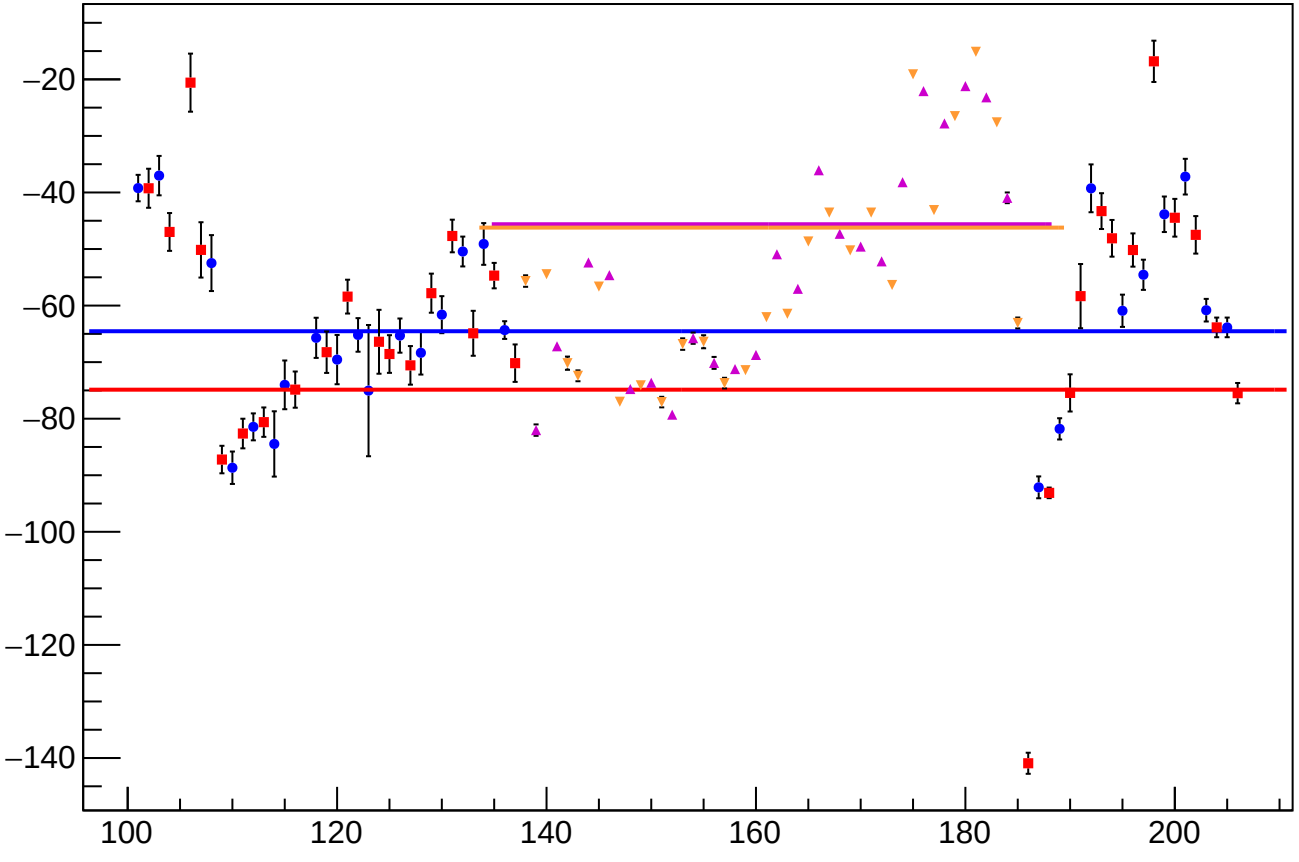
Right: -2.037+/-0.271 χ^2/NDF: 1098.1/55

In: 3.464+/-0.106 χ^2/NDF:6074.9/48

Out: 3.372+/-0.105 χ^2/NDF:7804.9/54

All: 3.417+/-0.075 χ^2/NDF: 13880.1/103

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.534+/-0.535 χ^2/NDF: 835.5/25

Left Out: -46.213+/-0.138 χ^2/NDF:19981.0/24

Right Out: -74.870+/-0.470 χ^2/NDF: 2923.3/29

Left In: -45.616+/-0.139 χ^2/NDF:17743.8/22

Left: -45.917+/-0.098 χ^2/NDF: 37734.0/47

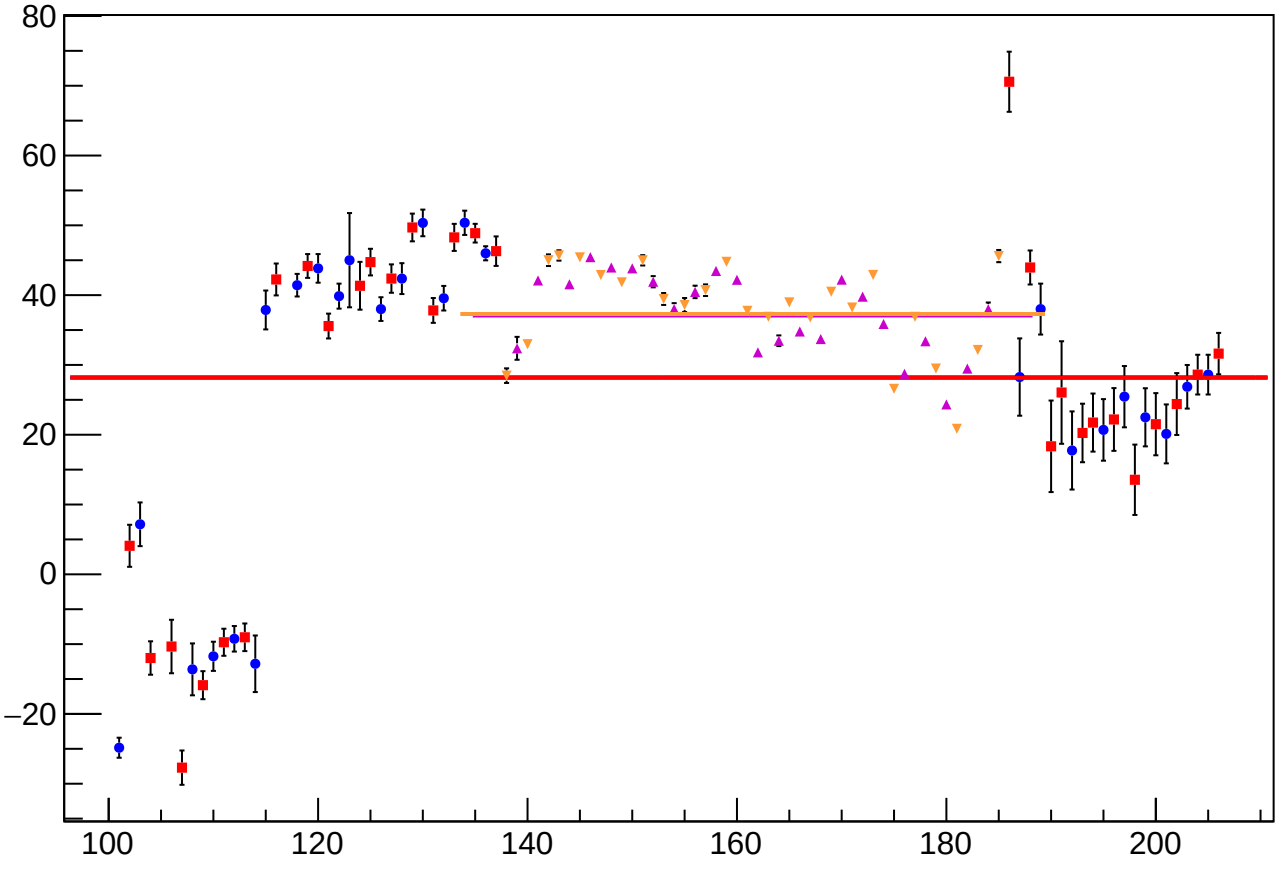
Right: -70.366+/-0.353 χ^2/NDF: 3969.2/55

In: -46.814+/-0.135 χ^2/NDF:19749.4/48

Out: -48.488+/-0.133 χ^2/NDF:26321.9/54

All: -47.665+/-0.094 χ^2/NDF: 46149.8/103

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.216+/-0.432 χ^2/NDF: 3350.3/25

Left Out: 37.298+/-0.123 χ^2/NDF:3113.0/24

Right Out: 28.157+/-0.440 χ^2/NDF: 3191.1/29

Left In: 37.079+/-0.125 χ^2/NDF:2405.4/22

Left: 37.190+/-0.088 χ^2/NDF: 5519.9/47

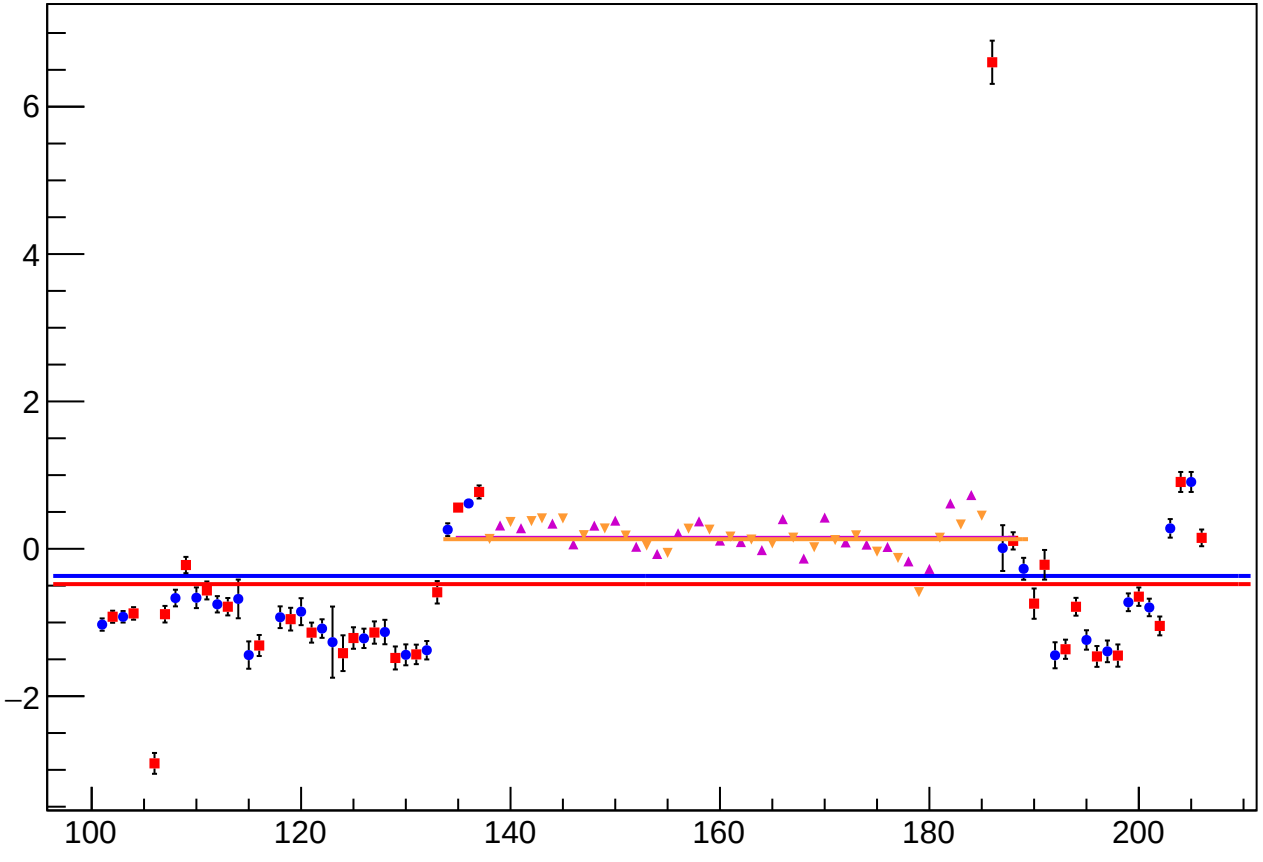
Right: 28.187+/-0.308 χ^2/NDF: 6541.3/55

In: 36.396+/-0.120 χ^2/NDF:6144.9/48

Out: 36.635+/-0.119 χ^2/NDF:6704.1/54

All: 36.517+/-0.084 χ^2/NDF: 12851.1/103

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.368+/-0.022 χ^2/NDF: 1283.3/25

Left Out: 0.130+/-0.006 χ^2/NDF:1419.7/24

Right Out: -0.479+/-0.022 χ^2/NDF: 2075.2/29

Left In: 0.149+/-0.006 χ^2/NDF:1813.7/22

Left: 0.139+/-0.004 χ^2/NDF: 3238.6/47

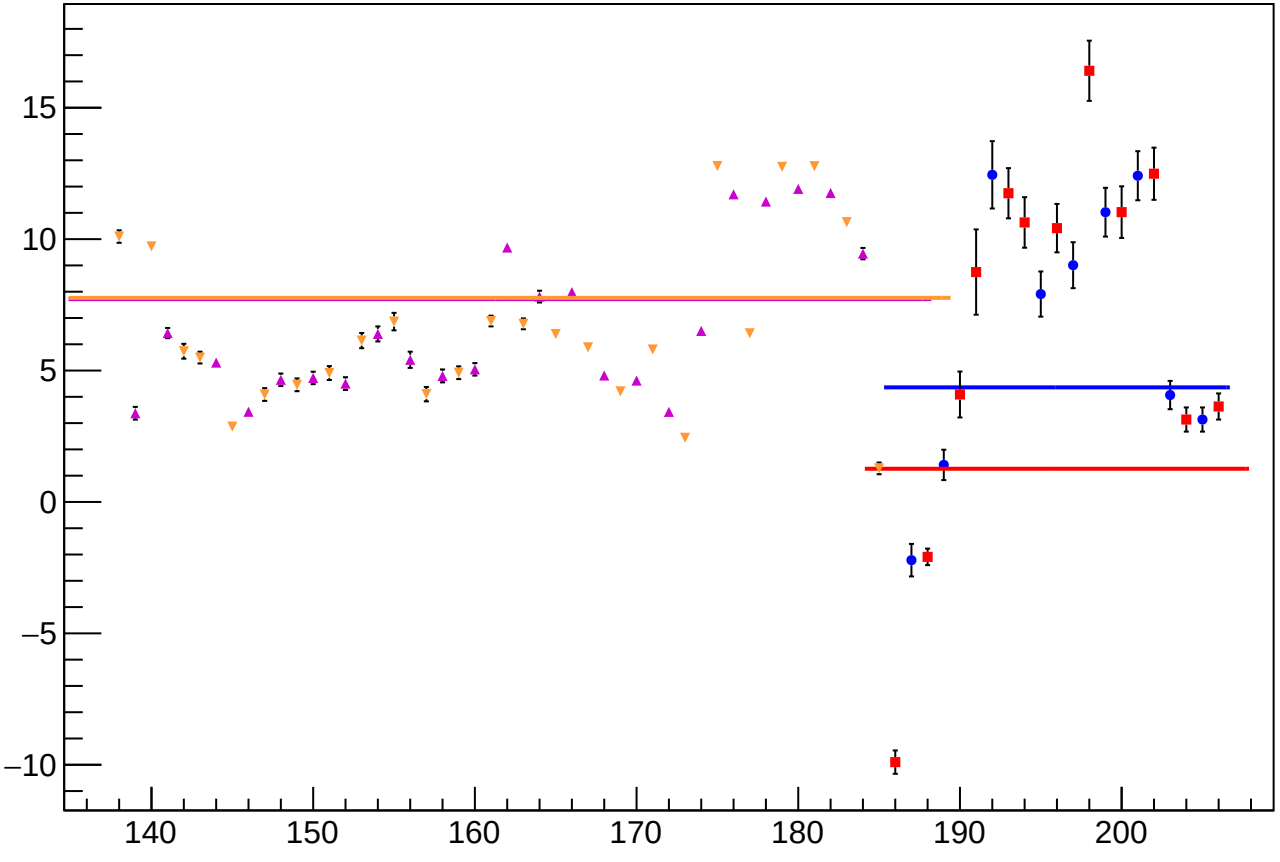
Right: -0.425+/-0.015 χ^2/NDF: 3371.4/55

In: 0.116+/-0.006 χ^2/NDF:3613.6/48

Out: 0.092+/-0.005 χ^2/NDF:4232.7/54

All: 0.104+/-0.004 χ^2/NDF: 7856.0/103

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.360+/-0.227 χ^2/NDF: 357.3/8

Left Out: 7.766+/-0.034 χ^2/NDF:11703.8/24

Right Out: 1.263+/-0.177 χ^2/NDF: 1531.5/11

Left In: 7.719+/-0.035 χ^2/NDF:8490.5/22

Left: 7.743+/-0.025 χ^2/NDF: 20195.2/47

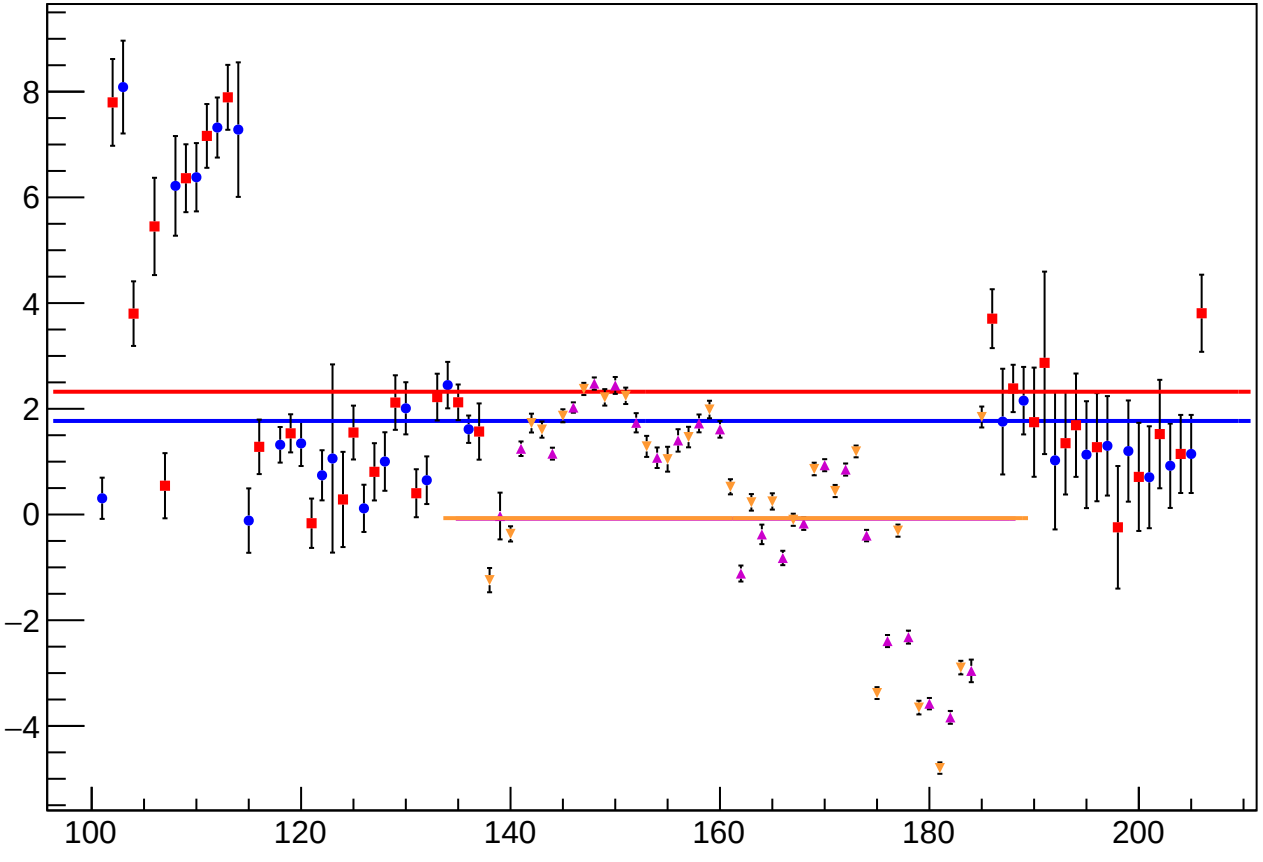
Right: 2.435+/-0.140 χ^2/NDF: 2004.1/20

In: 7.642+/-0.034 χ^2/NDF:9061.1/31

Out: 7.530+/-0.034 χ^2/NDF:14531.1/36

All: 7.585+/-0.024 χ^2/NDF: 23597.6/68

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.770+/-0.108 χ^2/NDF: 300.0/25

Left Out: -0.069+/-0.028 χ^2/NDF:6033.5/24

Right Out: 2.323+/-0.108 χ^2/NDF: 353.0/29

Left In: -0.079+/-0.028 χ^2/NDF:4989.1/22

Left: -0.074+/-0.020 χ^2/NDF: 11022.7/47

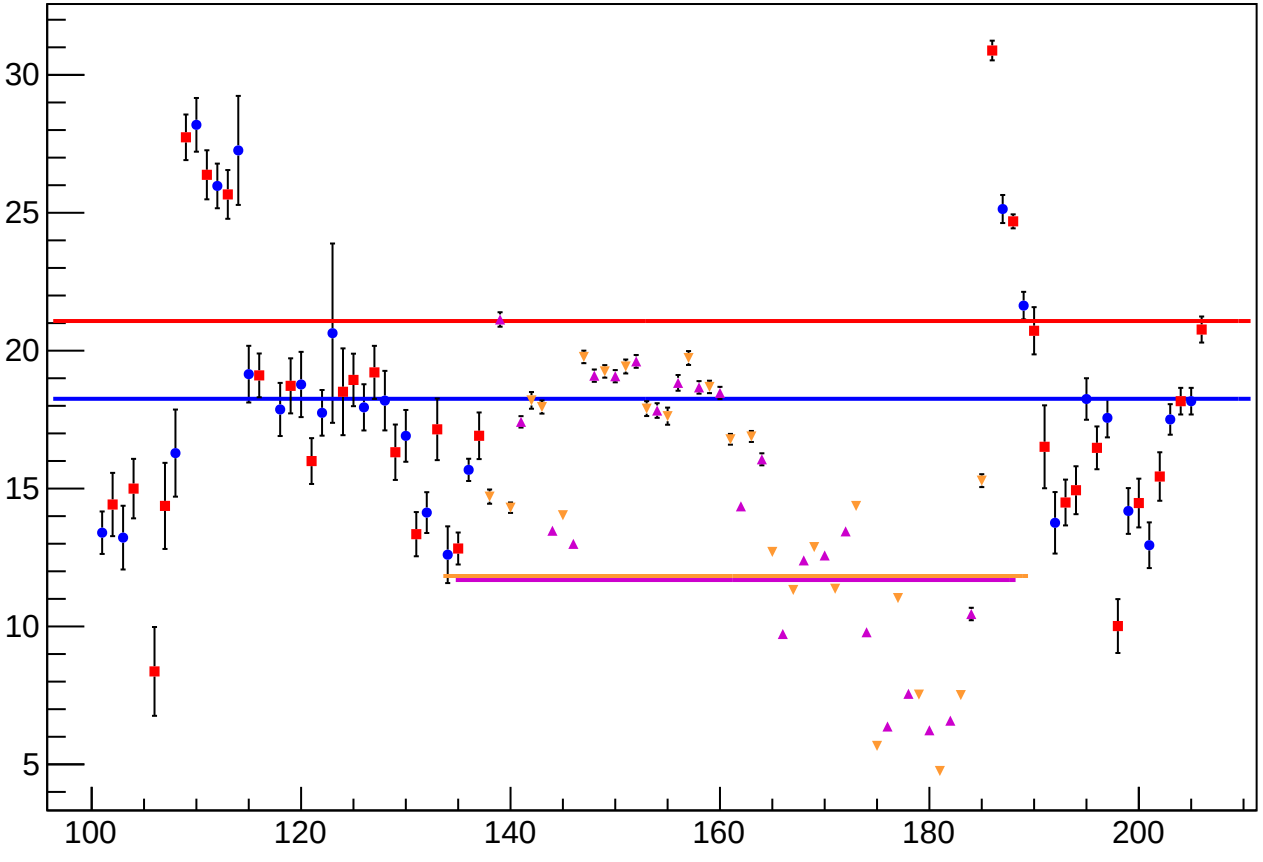
Right: 2.045+/-0.076 χ^2/NDF: 666.1/55

In: 0.039+/-0.027 χ^2/NDF:5564.1/48

Out: 0.080+/-0.027 χ^2/NDF:6844.2/54

All: 0.060+/-0.019 χ^2/NDF: 12409.5/103

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 18.255+/-0.149 χ^2/NDF: 695.3/25

Left Out: 11.830+/-0.035 χ^2/NDF:19032.5/24

Right Out: 21.075+/-0.126 χ^2/NDF: 2064.9/29

Left In: 11.683+/-0.035 χ^2/NDF:16927.3/22

Left: 11.757+/-0.025 χ^2/NDF: 35968.6/47

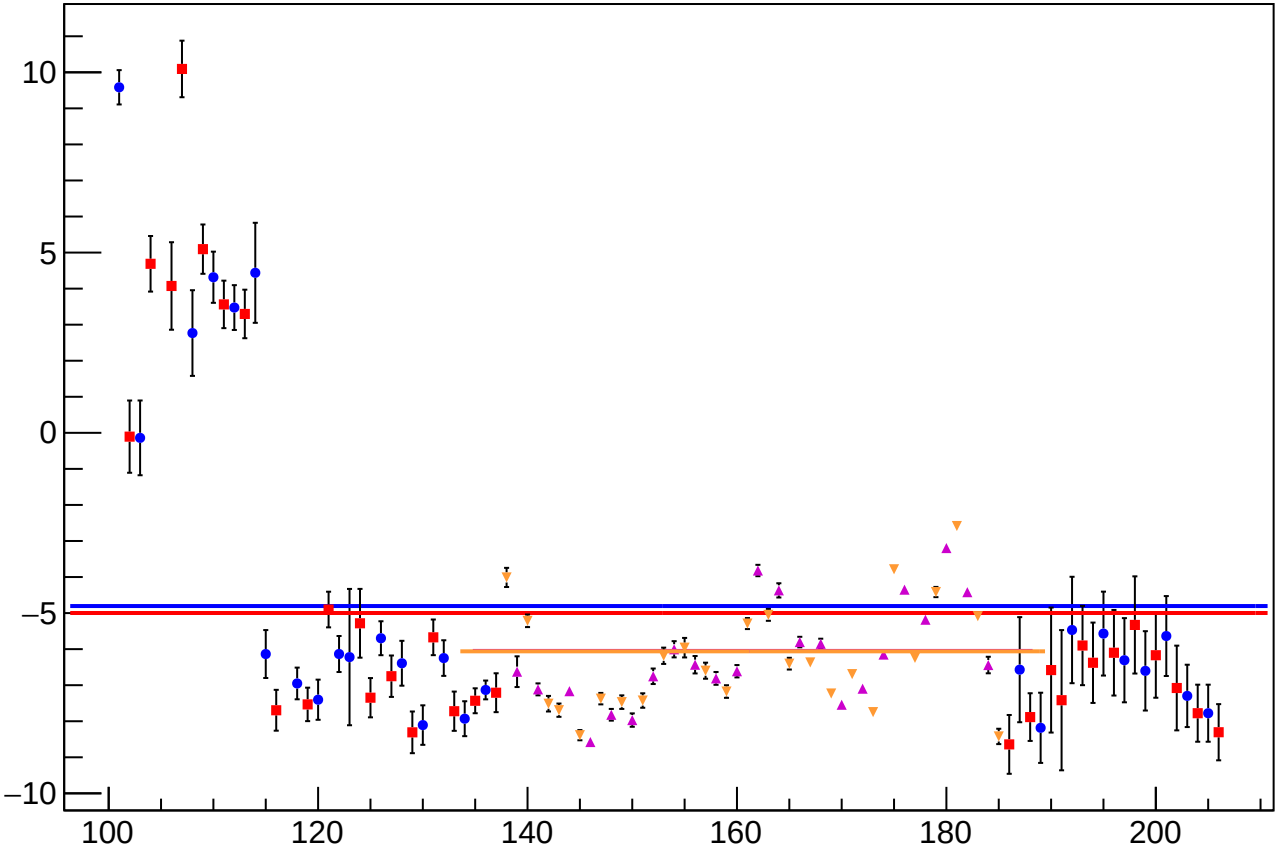
Right: 19.894+/-0.096 χ^2/NDF: 2969.2/55

In: 12.029+/-0.034 χ^2/NDF:19472.0/48

Out: 12.480+/-0.033 χ^2/NDF:26085.1/54

All: 12.259+/-0.024 χ^2/NDF: 45646.3/103

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.805+/-0.122 χ^2/NDF: 1636.2/25

Left Out: -6.061+/-0.031 χ^2/NDF:2649.3/24

Right Out: -4.997+/-0.124 χ^2/NDF: 1431.6/29

Left In: -6.050+/-0.032 χ^2/NDF:2303.3/22

Left: -6.055+/-0.022 χ^2/NDF: 4952.7/47

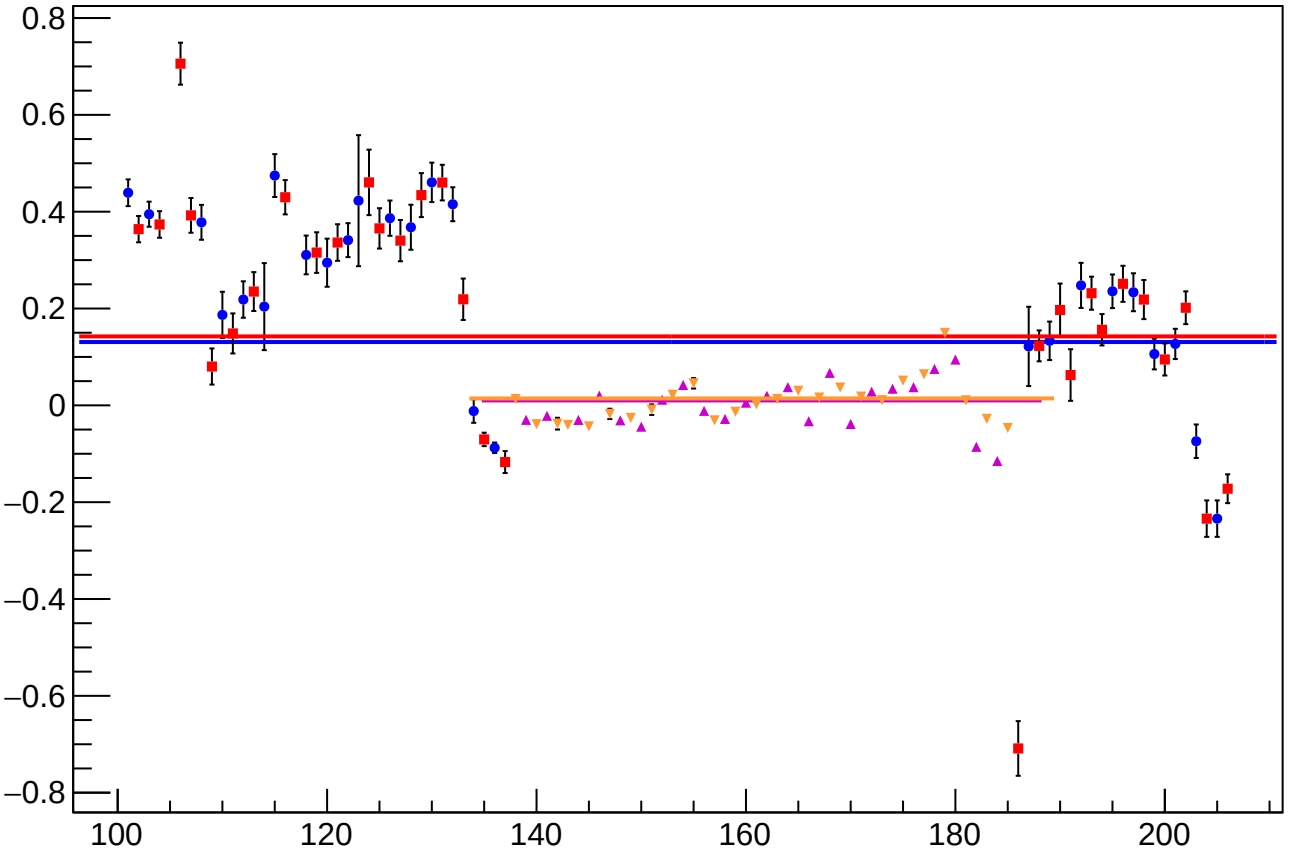
Right: -4.899+/-0.087 χ^2/NDF: 3069.1/55

In: -5.971+/-0.031 χ^2/NDF:4037.8/48

Out: -5.997+/-0.030 χ^2/NDF:4150.2/54

All: -5.984+/-0.022 χ^2/NDF: 8188.4/103

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.131+/-0.006 χ^2/NDF: 1215.3/25

Left Out: 0.014+/-0.001 χ^2/NDF:950.9/24

Right Out: 0.142+/-0.006 χ^2/NDF: 1496.3/29

Left In: 0.010+/-0.001 χ^2/NDF:1224.5/22

Left: 0.012+/-0.001 χ^2/NDF: 2179.5/47

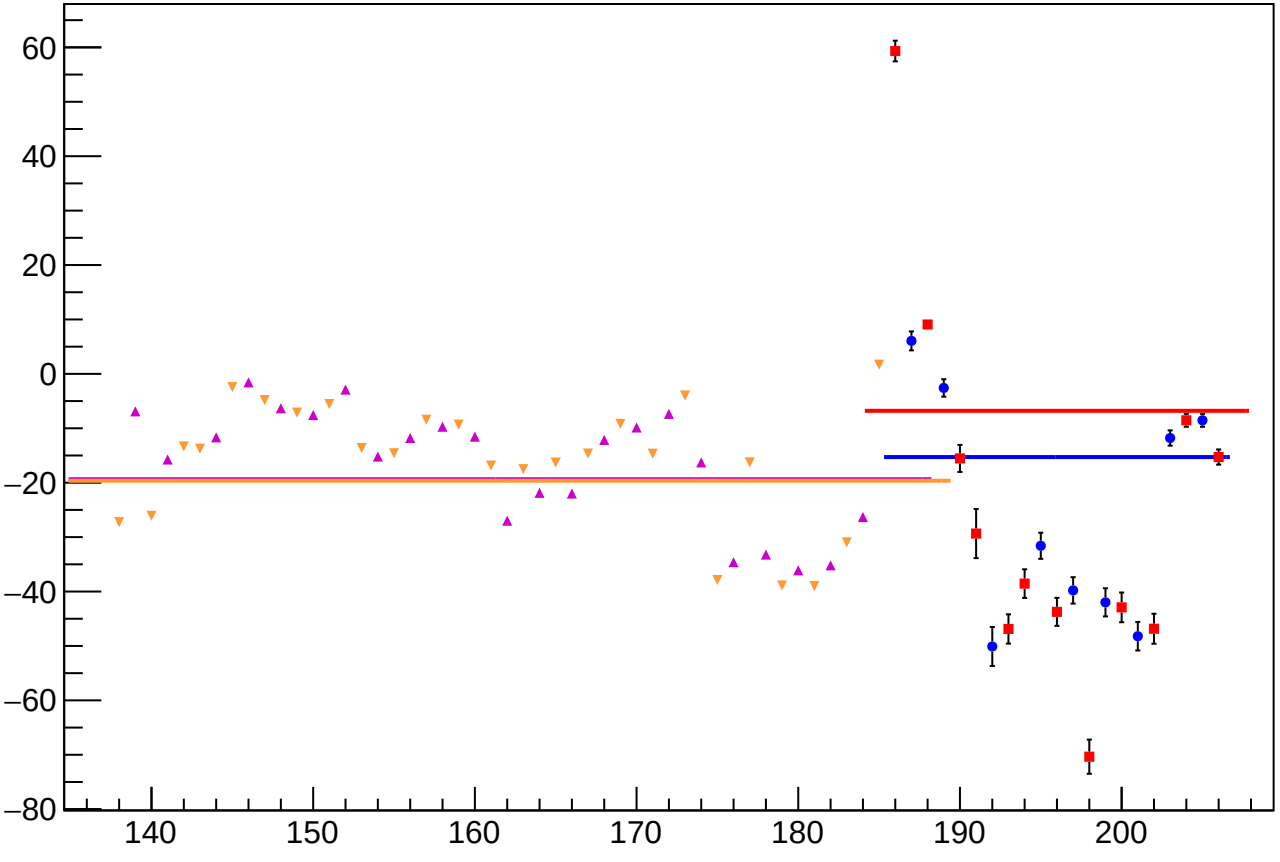
Right: 0.137+/-0.004 χ^2/NDF: 2713.4/55

In: 0.016+/-0.001 χ^2/NDF:2803.5/48

Out: 0.021+/-0.001 χ^2/NDF:2867.4/54

All: 0.019+/-0.001 χ^2/NDF: 5676.0/103

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.290+/-0.616 χ^2/NDF: 757.4/8

Left Out: -19.642+/-0.103 χ^2/NDF:15730.6/24

Right Out: -6.789+/-0.507 χ^2/NDF: 3006.5/11

Left In: -19.355+/-0.105 χ^2/NDF:12417.1/22

Left: -19.501+/-0.074 χ^2/NDF: 28151.5/47

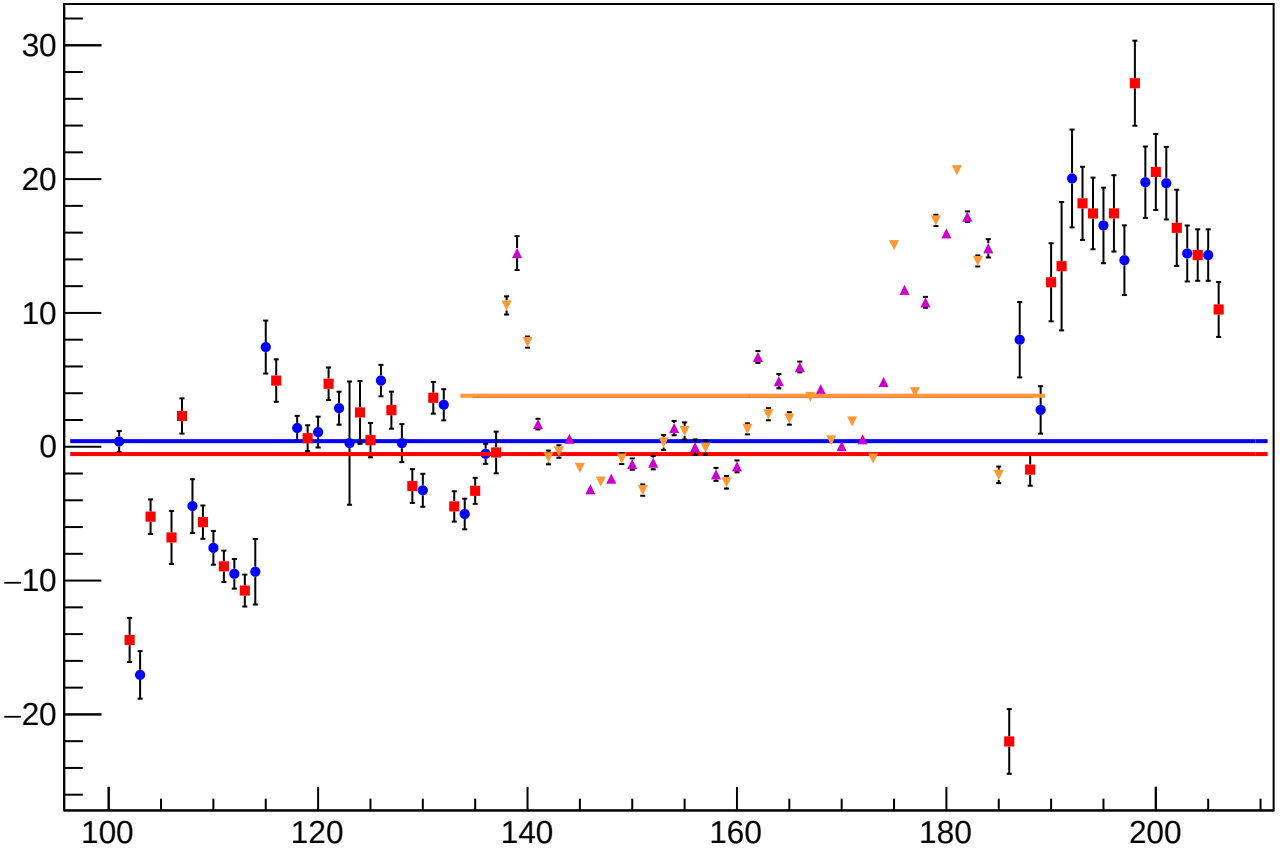
Right: -10.225+/-0.391 χ^2/NDF: 3877.5/20

In: -19.241+/-0.103 χ^2/NDF:13216.9/31

Out: -19.130+/-0.101 χ^2/NDF:19354.0/36

All: -19.184+/-0.072 χ^2/NDF: 32571.4/68

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.419+/-0.273 χ^2/NDF: 608.3/25

Left Out: 3.811+/-0.082 χ^2/NDF:7118.3/24

Right Out: -0.547+/-0.275 χ^2/NDF: 809.1/29

Left In: 3.795+/-0.083 χ^2/NDF:5534.4/22

Left: 3.803+/-0.059 χ^2/NDF: 12652.7/47

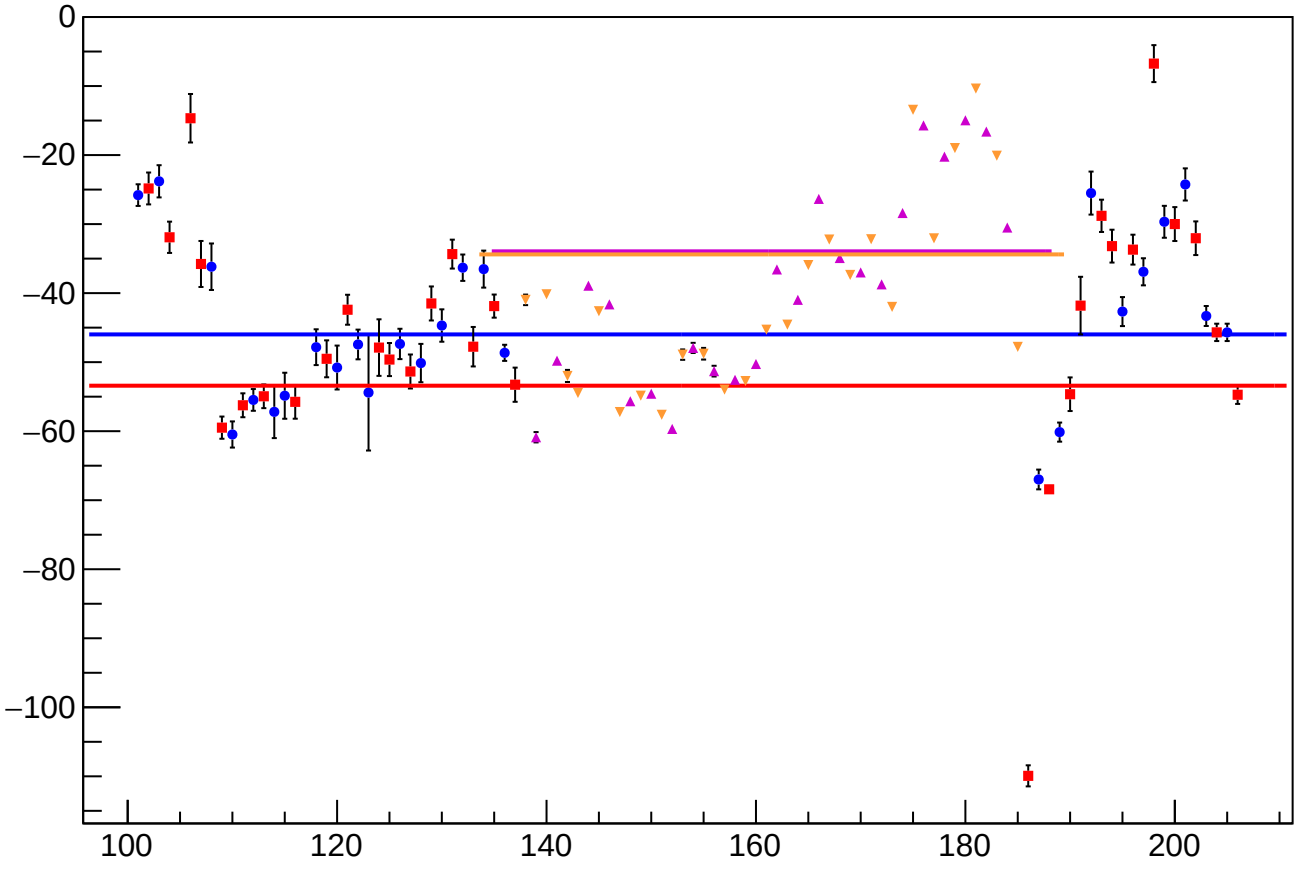
Right: -0.059+/-0.194 χ^2/NDF: 1423.6/55

In: 3.507+/-0.080 χ^2/NDF:6283.0/48

Out: 3.454+/-0.079 χ^2/NDF:8157.2/54

All: 3.480+/-0.056 χ^2/NDF: 14440.4/103

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.981+/-0.385 χ^2/NDF: 952.7/25

Left Out: -34.389+/-0.104 χ^2/NDF:20032.2/24

Right Out: -53.410+/-0.341 χ^2/NDF: 3235.5/29

Left In: -33.946+/-0.105 χ^2/NDF:17855.4/22

Left: -34.169+/-0.074 χ^2/NDF: 37896.7/47

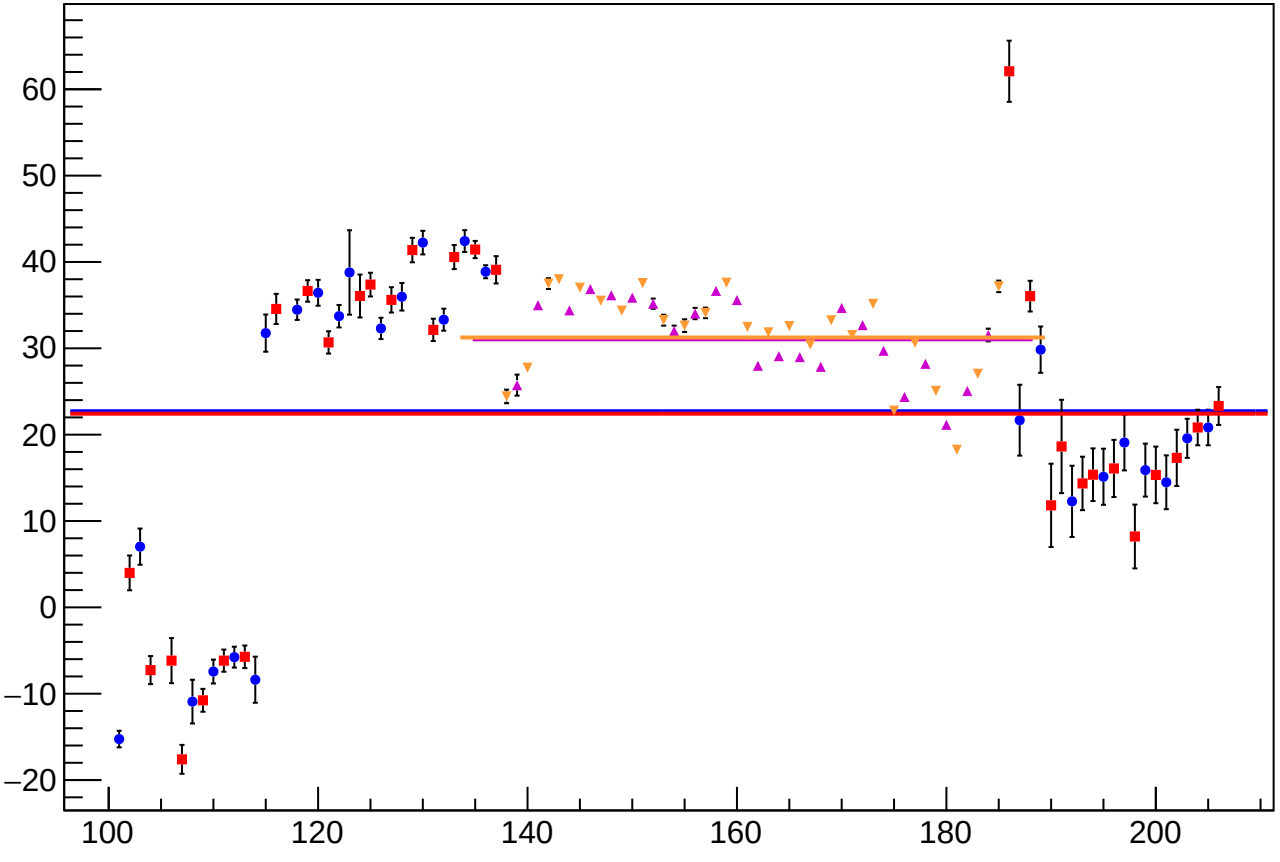
Right: -50.145+/-0.255 χ^2/NDF: 4396.9/55

In: -34.777+/-0.101 χ^2/NDF:19717.7/48

Out: -36.011+/-0.100 χ^2/NDF:26114.1/54

All: -35.404+/-0.071 χ^2/NDF: 45907.4/103

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.714+/-0.309 χ^2/NDF: 4382.1/25

Left Out: 31.252+/-0.093 χ^2/NDF:3305.3/24

Right Out: 22.431+/-0.314 χ^2/NDF: 4255.0/29

Left In: 31.040+/-0.094 χ^2/NDF:2488.6/22

Left: 31.147+/-0.066 χ^2/NDF: 5796.5/47

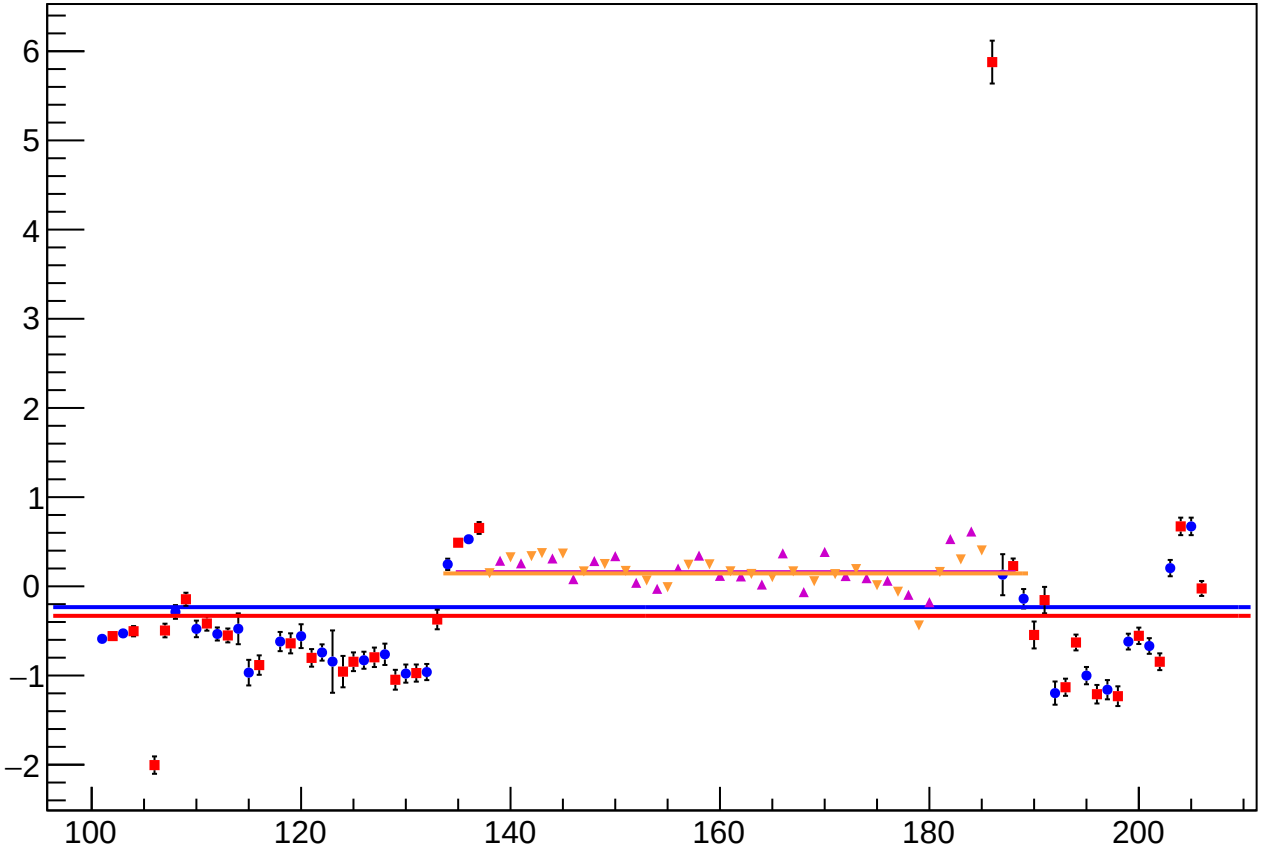
Right: 22.575+/-0.220 χ^2/NDF: 8637.5/55

In: 30.336+/-0.090 χ^2/NDF:7536.8/48

Out: 30.548+/-0.089 χ^2/NDF:8285.0/54

All: 30.443+/-0.063 χ^2/NDF: 15824.6/103

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.233+/-0.016 χ^2/NDF: 1352.2/25

Left Out: 0.145+/-0.004 χ^2/NDF:1572.6/24

Right Out: -0.331+/-0.016 χ^2/NDF: 2264.5/29

Left In: 0.159+/-0.004 χ^2/NDF:2020.5/22

Left: 0.152+/-0.003 χ^2/NDF: 3598.6/47

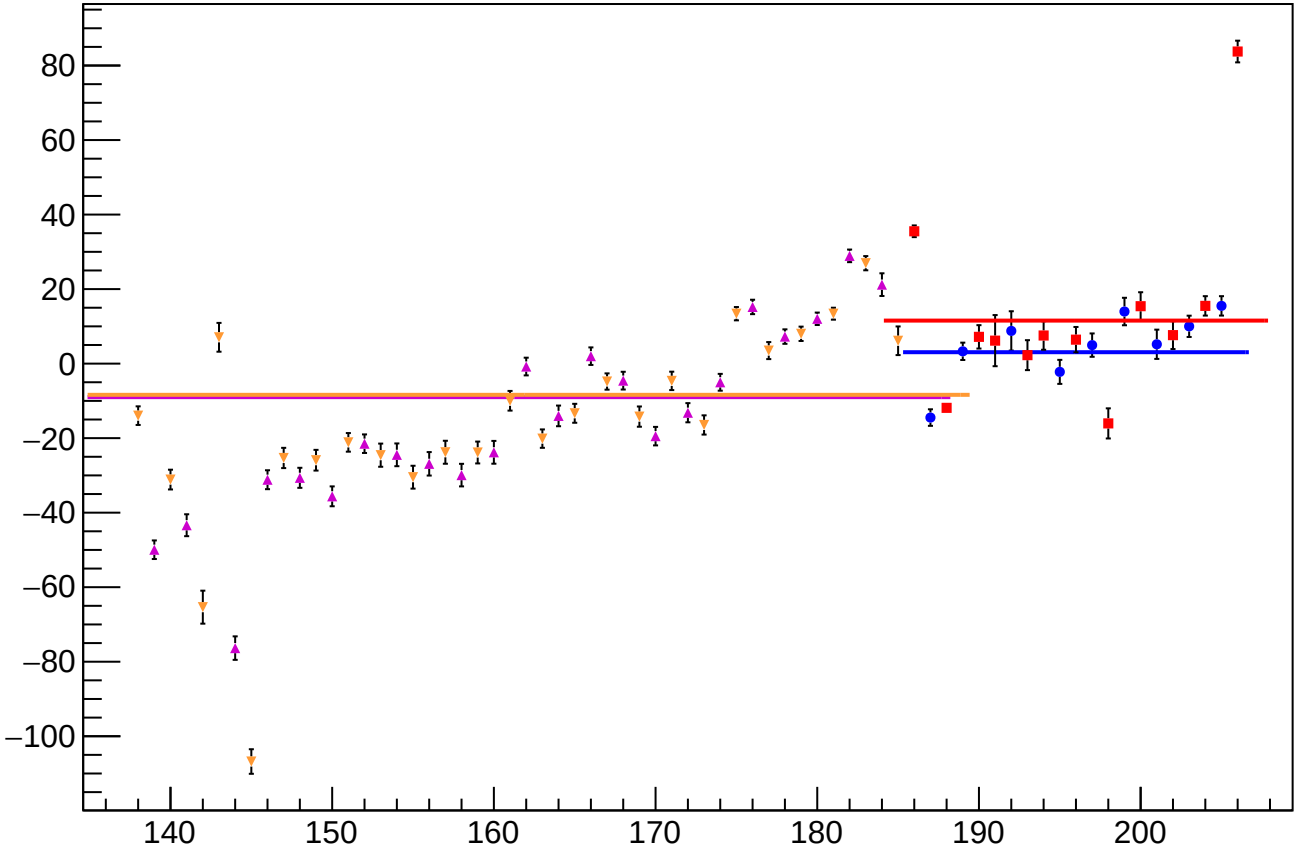
Right: -0.283+/-0.011 χ^2/NDF: 3636.0/55

In: 0.132+/-0.004 χ^2/NDF:3948.3/48

Out: 0.112+/-0.004 χ^2/NDF:4710.1/54

All: 0.122+/-0.003 χ^2/NDF: 8670.5/103

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.064+/-0.985 χ^2/NDF: 104.5/8

Left Out: -8.375+/-0.500 χ^2/NDF:2224.0/24

Right Out: 11.548+/-0.732 χ^2/NDF: 1267.2/11

Left In: -8.995+/-0.505 χ^2/NDF:2308.2/22

Left: -8.682+/-0.355 χ^2/NDF: 4533.0/47

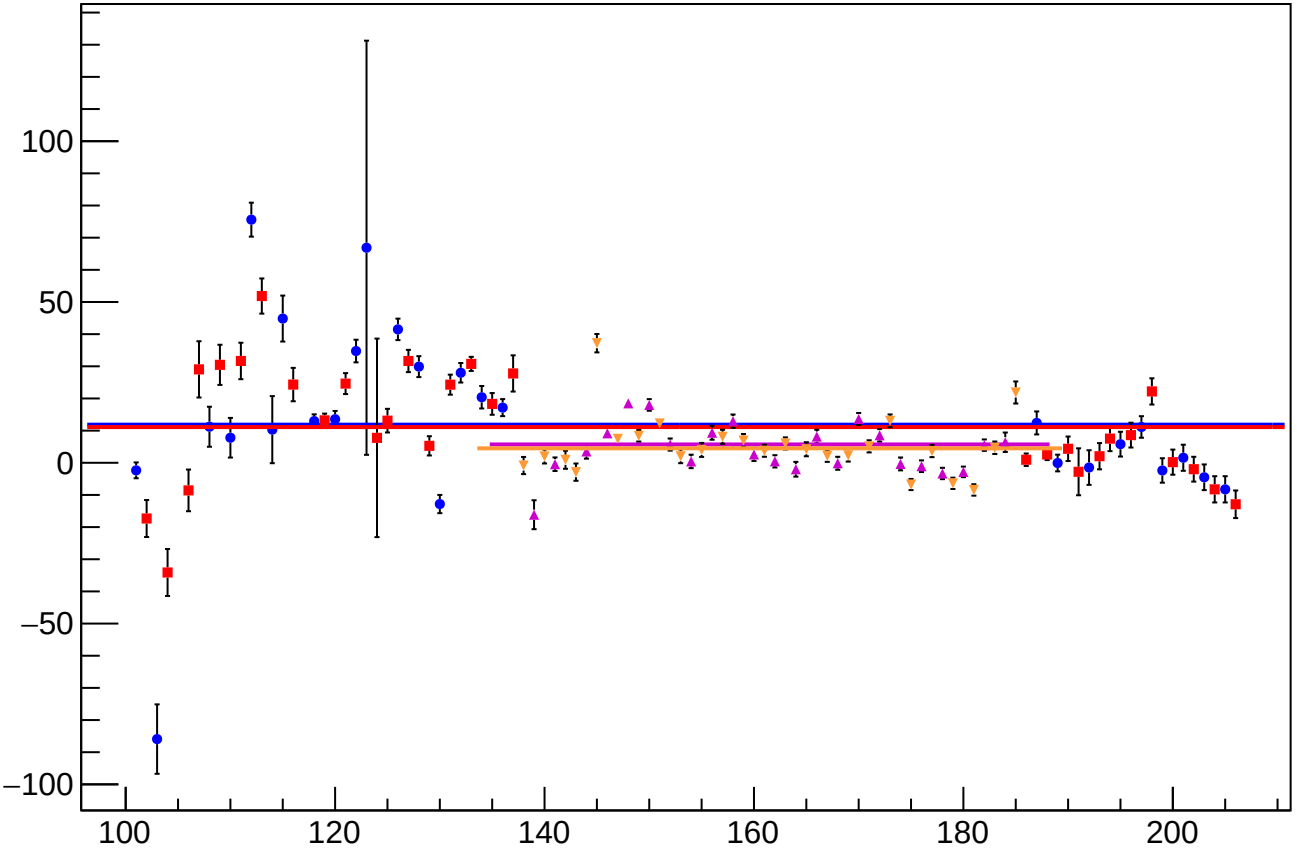
Right: 8.530+/-0.588 χ^2/NDF: 1419.4/20

In: -6.485+/-0.449 χ^2/NDF:2531.3/31

Out: -2.033+/-0.413 χ^2/NDF:3996.0/36

All: -4.072+/-0.304 χ^2/NDF: 6580.5/68

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.846+/-0.696 χ^2/NDF: 641.1/25

Left Out: 4.494+/-0.393 χ^2/NDF:372.1/24

Right Out: 11.104+/-0.643 χ^2/NDF: 475.0/29

Left In: 5.699+/-0.403 χ^2/NDF:329.1/22

Left: 5.081+/-0.281 χ^2/NDF: 705.8/47

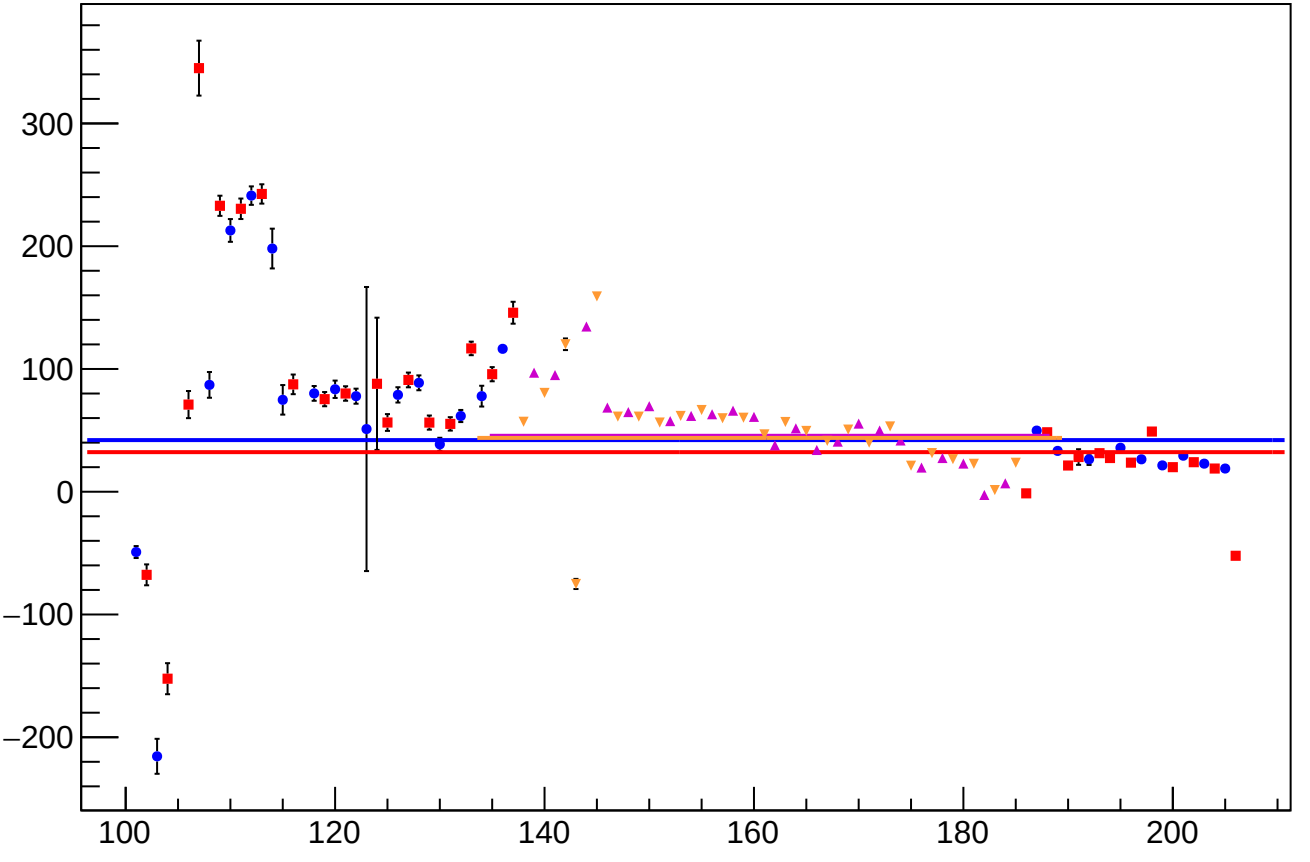
Right: 11.445+/-0.472 χ^2/NDF: 1116.8/55

In: 7.243+/-0.349 χ^2/NDF:1028.6/48

Out: 6.292+/-0.335 χ^2/NDF:924.2/54

All: 6.748+/-0.242 χ^2/NDF: 1956.7/103

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 42.060+/-0.768 χ^2/NDF: 2667.2/25

Left Out: 43.840+/-0.499 χ^2/NDF:3680.9/24

Right Out: 32.246+/-0.584 χ^2/NDF: 5260.9/29

Left In: 45.559+/-0.502 χ^2/NDF:3152.4/22

Left: 44.693+/-0.354 χ^2/NDF: 6839.2/47

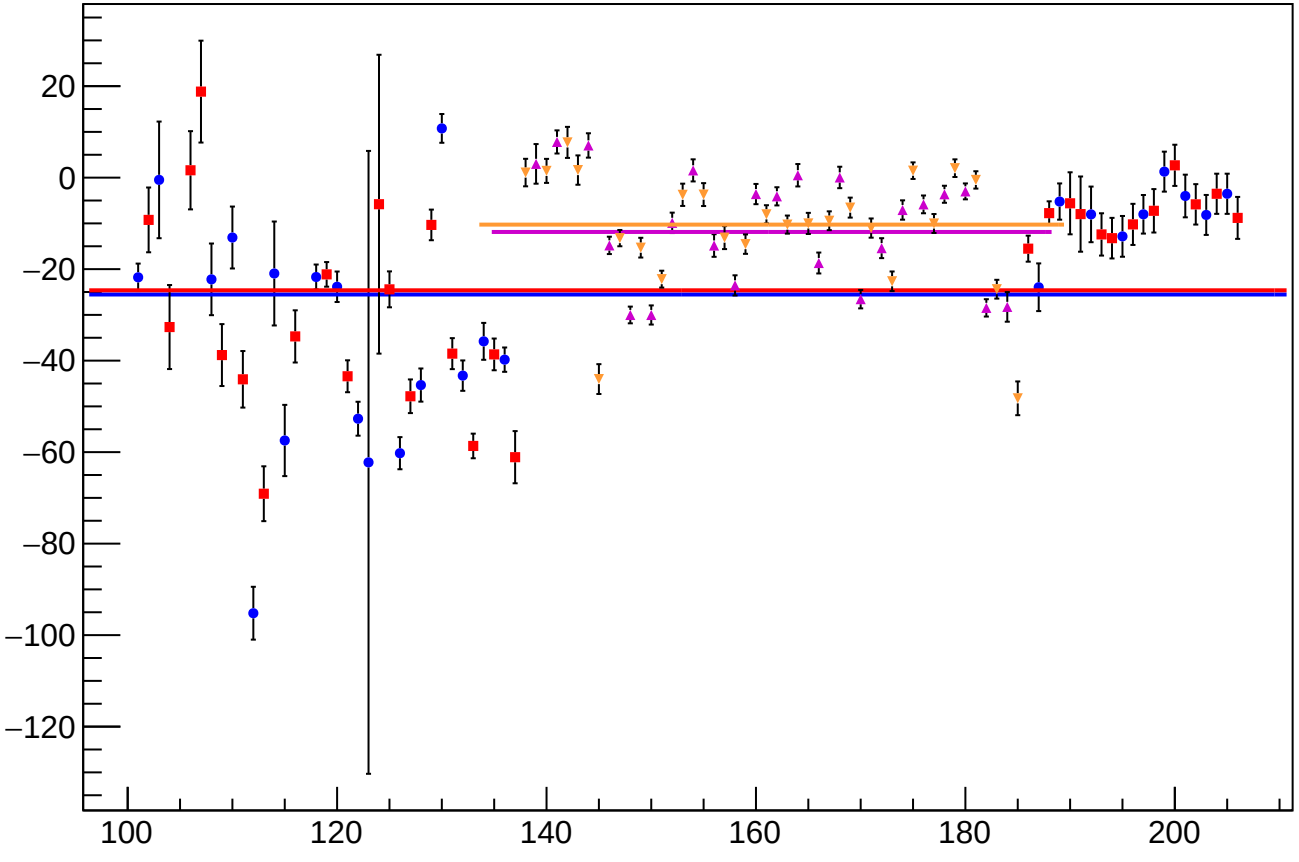
Right: 35.843+/-0.465 χ^2/NDF: 8031.4/55

In: 44.510+/-0.421 χ^2/NDF:5834.1/48

Out: 38.952+/-0.380 χ^2/NDF:9169.4/54

All: 41.447+/-0.282 χ^2/NDF: 15099.8/103

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.543+/-0.818 χ^2/NDF: 712.2/25

Left Out: -10.267+/-0.445 χ^2/NDF:553.7/24

Right Out: -24.626+/-0.779 χ^2/NDF: 617.3/29

Left In: -11.875+/-0.455 χ^2/NDF:668.4/22

Left: -11.053+/-0.318 χ^2/NDF: 1228.5/47

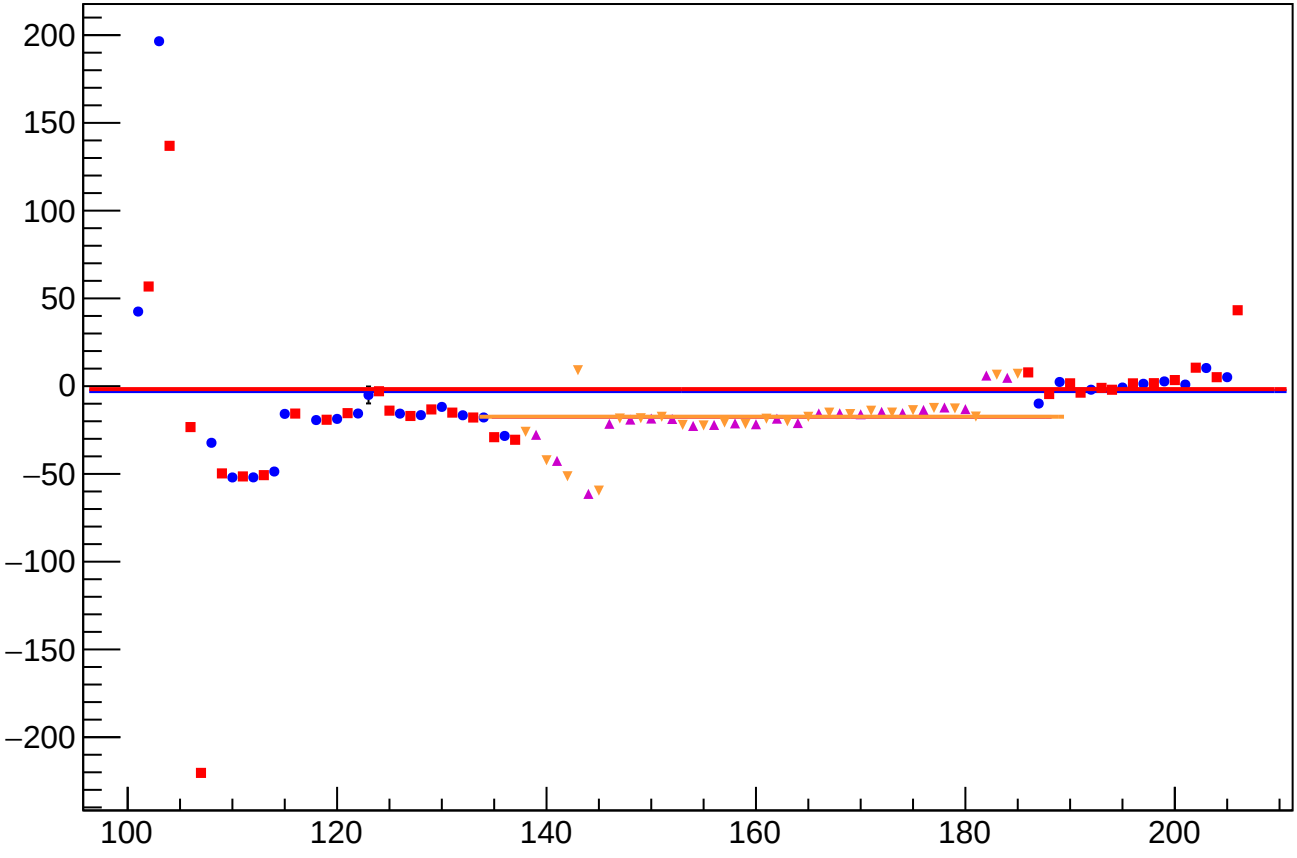
Right: -25.062+/-0.564 χ^2/NDF: 1330.2/55

In: -15.104+/-0.397 χ^2/NDF:1594.0/48

Out: -13.802+/-0.386 χ^2/NDF:1427.4/54

All: -14.435+/-0.277 χ^2/NDF: 3027.0/103

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -2.814+/-0.039 χ^2/NDF: 599965.0/25

Left Out: -17.411+/-0.020 χ^2/NDF:320231.3/24

Right Out: -1.673+/-0.036 χ^2/NDF: 669042.7/29

Left In: -17.552+/-0.021 χ^2/NDF:261900.3/22

Left: -17.481+/-0.015 χ^2/NDF: 582155.3/47

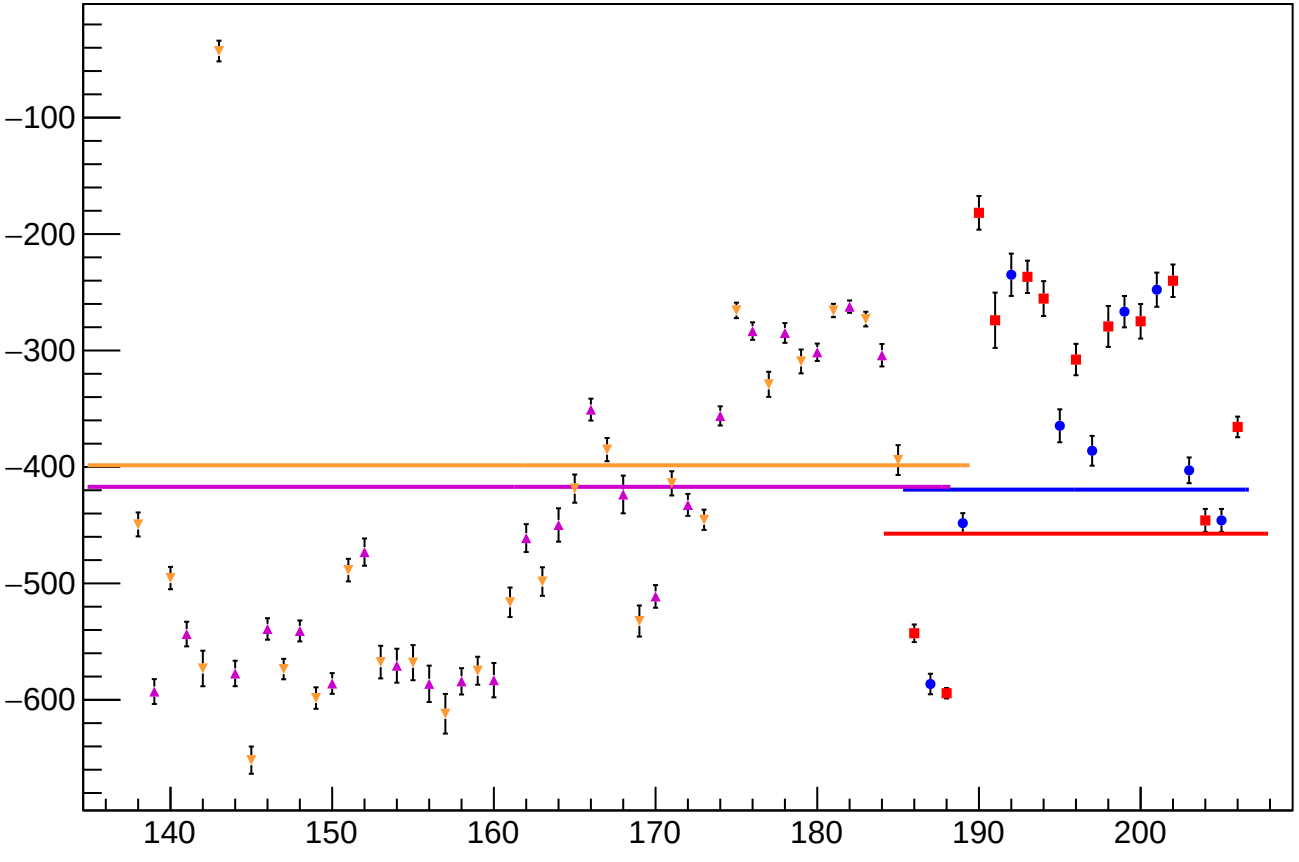
Right: -2.194+/-0.026 χ^2/NDF: 1269468.3/55

In: -14.363+/-0.018 χ^2/NDF:972742.3/48

Out: -13.568+/-0.018 χ^2/NDF:1134224.0/54

All: -13.955+/-0.013 χ^2/NDF: 2107942.7/103

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -419.460+/-3.801 χ^2/NDF: 769.7/8

Left Out: -398.556+/-1.962 χ^2/NDF:5659.5/24

Right Out: -457.286+/-2.830 χ^2/NDF: 2645.0/11

Left In: -417.080+/-1.997 χ^2/NDF:3958.5/22

Left: -407.653+/-1.399 χ^2/NDF: 9661.9/47

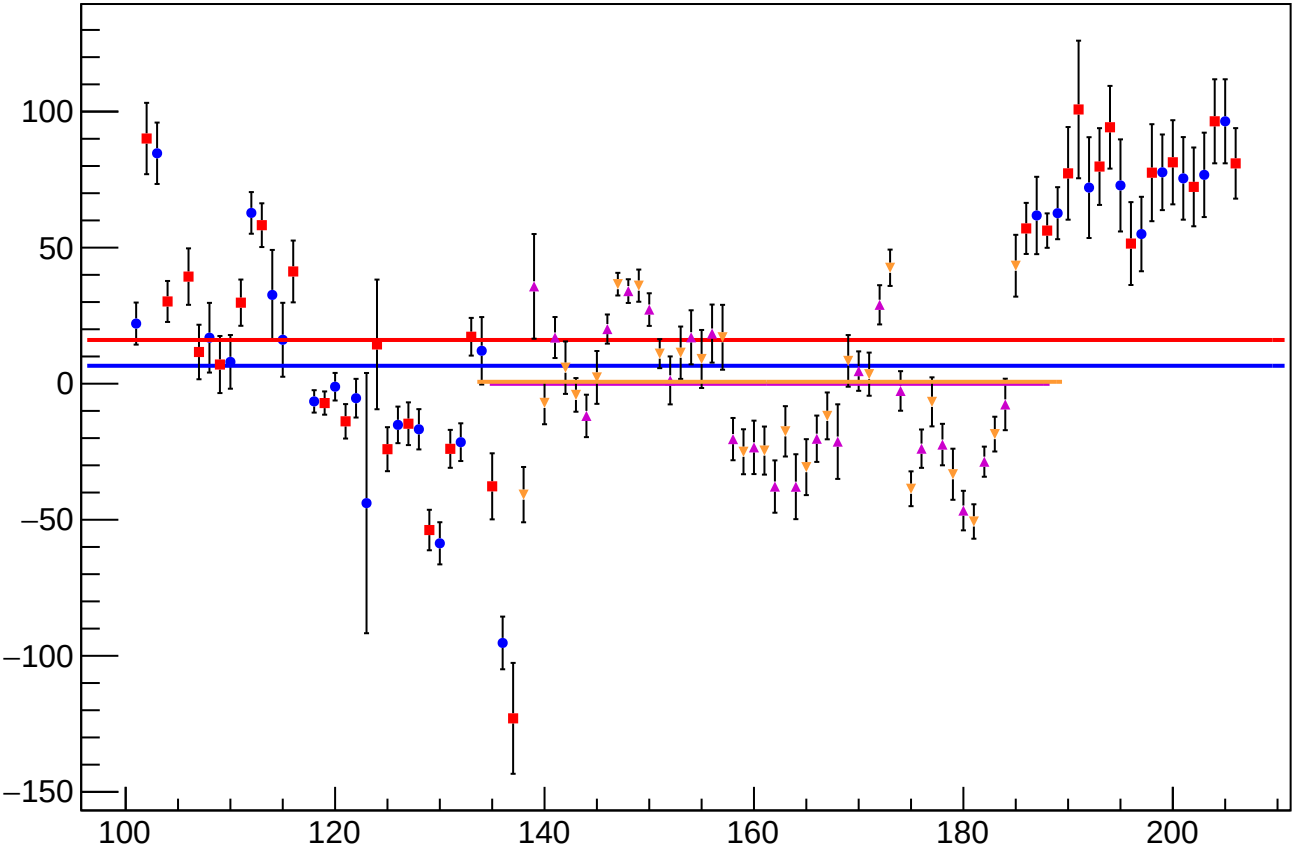
Right: -443.796+/-2.270 χ^2/NDF: 3478.4/20

In: -417.594+/-1.768 χ^2/NDF:4728.5/31

Out: -417.616+/-1.612 χ^2/NDF:8595.5/36

All: -417.606+/-1.191 χ^2/NDF: 13324.0/68

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.582+/-1.752 χ^2/NDF: 535.3/25

Left Out: 0.697+/-1.510 χ^2/NDF:349.9/24

Right Out: 16.065+/-1.696 χ^2/NDF: 588.4/29

Left In: -0.052+/-1.571 χ^2/NDF:264.1/22

Left: 0.337+/-1.089 χ^2/NDF: 614.1/47

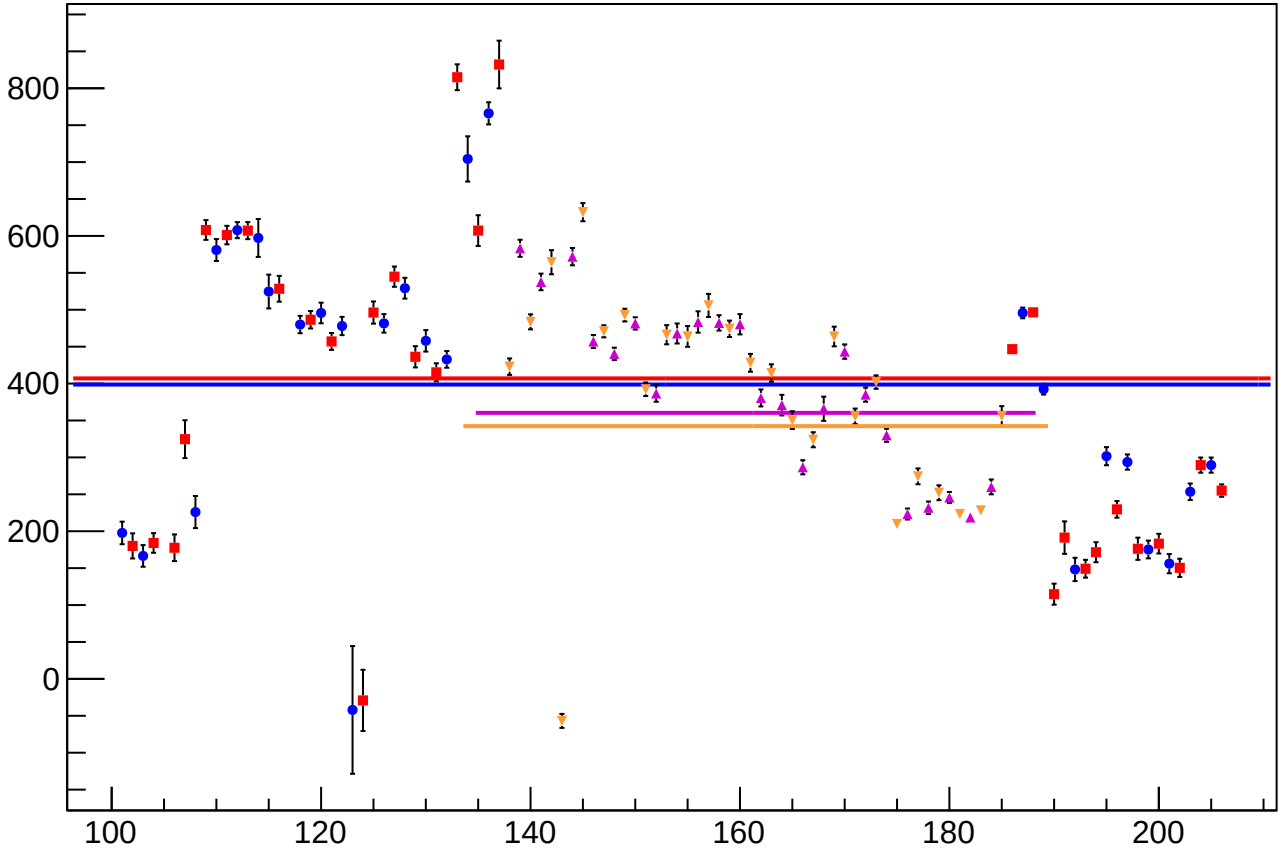
Right: 11.478+/-1.218 χ^2/NDF: 1138.9/55

In: 2.905+/-1.170 χ^2/NDF:807.4/48

Out: 7.495+/-1.128 χ^2/NDF:984.1/54

All: 5.284+/-0.812 χ^2/NDF: 1799.5/103

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 398.687+/-2.469 χ^2/NDF: 3681.0/25

Left Out: 342.368+/-1.970 χ^2/NDF:5181.7/24

Right Out: 407.014+/-1.996 χ^2/NDF: 6153.9/29

Left In: 360.355+/-1.996 χ^2/NDF:3449.9/22

Left: 351.245+/-1.402 χ^2/NDF: 8672.8/47

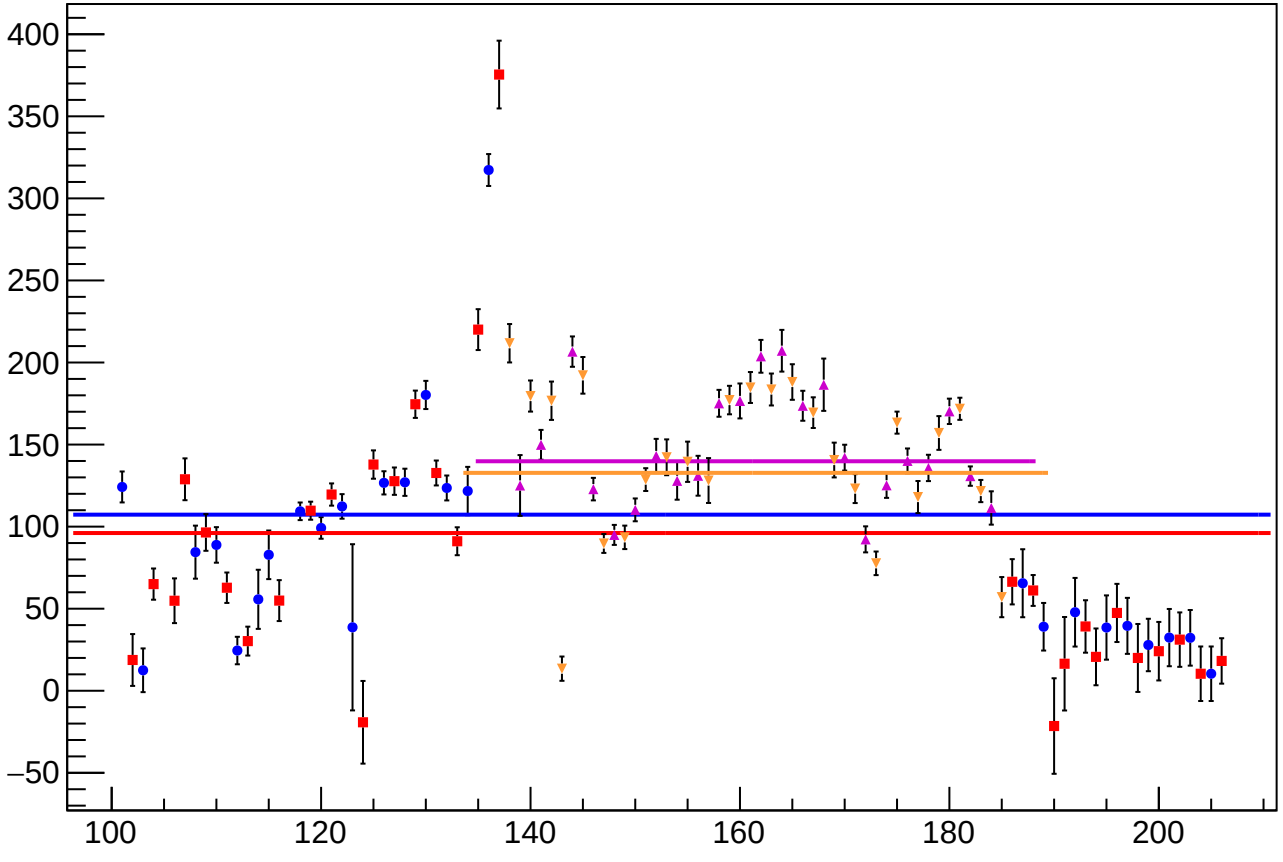
Right: 403.723+/-1.552 χ^2/NDF: 9841.8/55

In: 375.499+/-1.552 χ^2/NDF:7276.7/48

Out: 374.262+/-1.402 χ^2/NDF:11867.0/54

All: 374.818+/-1.040 χ^2/NDF: 19144.0/103

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 107.295+/-2.051 χ^2/NDF: 888.2/25

Left Out: 132.762+/-1.736 χ^2/NDF:749.6/24

Right Out: 96.097+/-1.993 χ^2/NDF: 787.1/29

Left In: 139.828+/-1.790 χ^2/NDF:321.7/22

Left: 136.187+/-1.246 χ^2/NDF: 1079.3/47

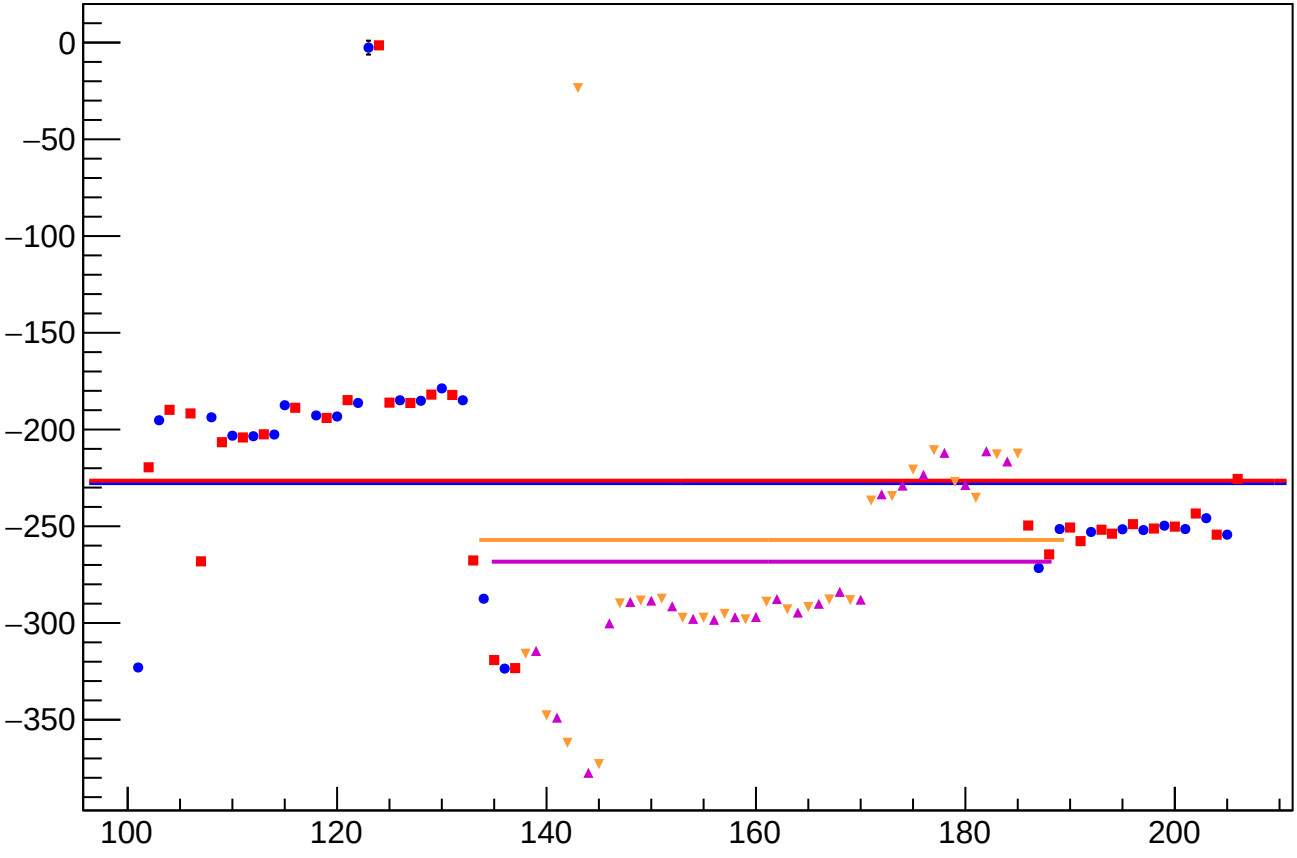
Right: 101.536+/-1.429 χ^2/NDF: 1690.6/55

In: 125.766+/-1.349 χ^2/NDF:1352.7/48

Out: 116.951+/-1.309 χ^2/NDF:1729.1/54

All: 121.227+/-0.939 χ^2/NDF: 3103.8/103

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -227.687+/-0.112 χ^2/NDF: 167957.1/25

Left Out: -257.067+/-0.082 χ^2/NDF:665762.3/24

Right Out: -226.444+/-0.103 χ^2/NDF: 147251.7/29

Left In: -268.305+/-0.083 χ^2/NDF:264853.3/22

Left: -262.619+/-0.059 χ^2/NDF: 939831.3/47

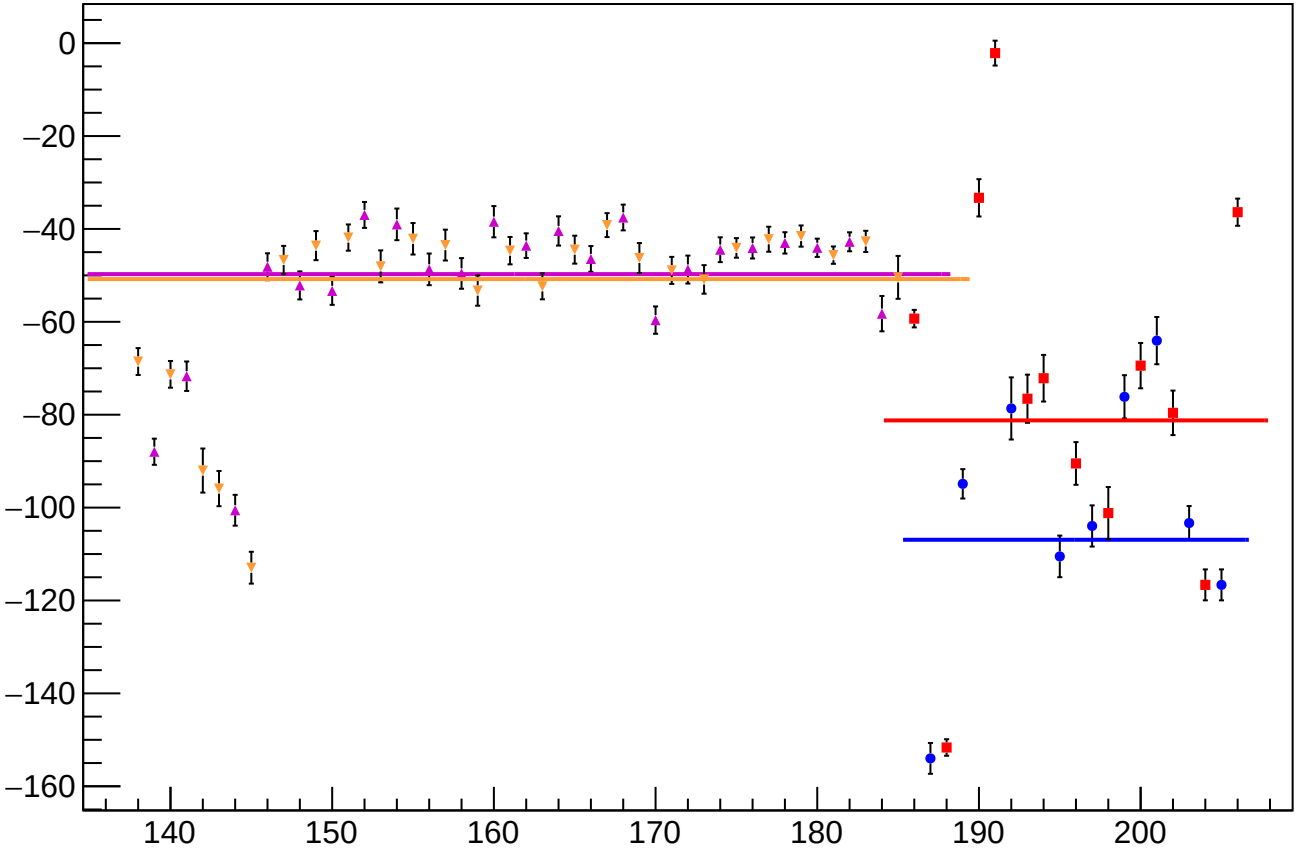
Right: -227.010+/-0.076 χ^2/NDF: 315275.4/55

In: -253.912+/-0.067 χ^2/NDF:517127.5/48

Out: -245.114+/-0.064 χ^2/NDF:867085.5/54

All: -249.335+/-0.046 χ^2/NDF: 1393210.4/10

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -106.925+/-1.332 χ^2/NDF: 358.7/8

Left Out: -50.802+/-0.574 χ^2/NDF:752.7/24

Right Out: -81.226+/-0.896 χ^2/NDF: 3087.8/11

Left In: -49.728+/-0.581 χ^2/NDF:601.0/22

Left: -50.272+/-0.408 χ^2/NDF: 1355.3/47

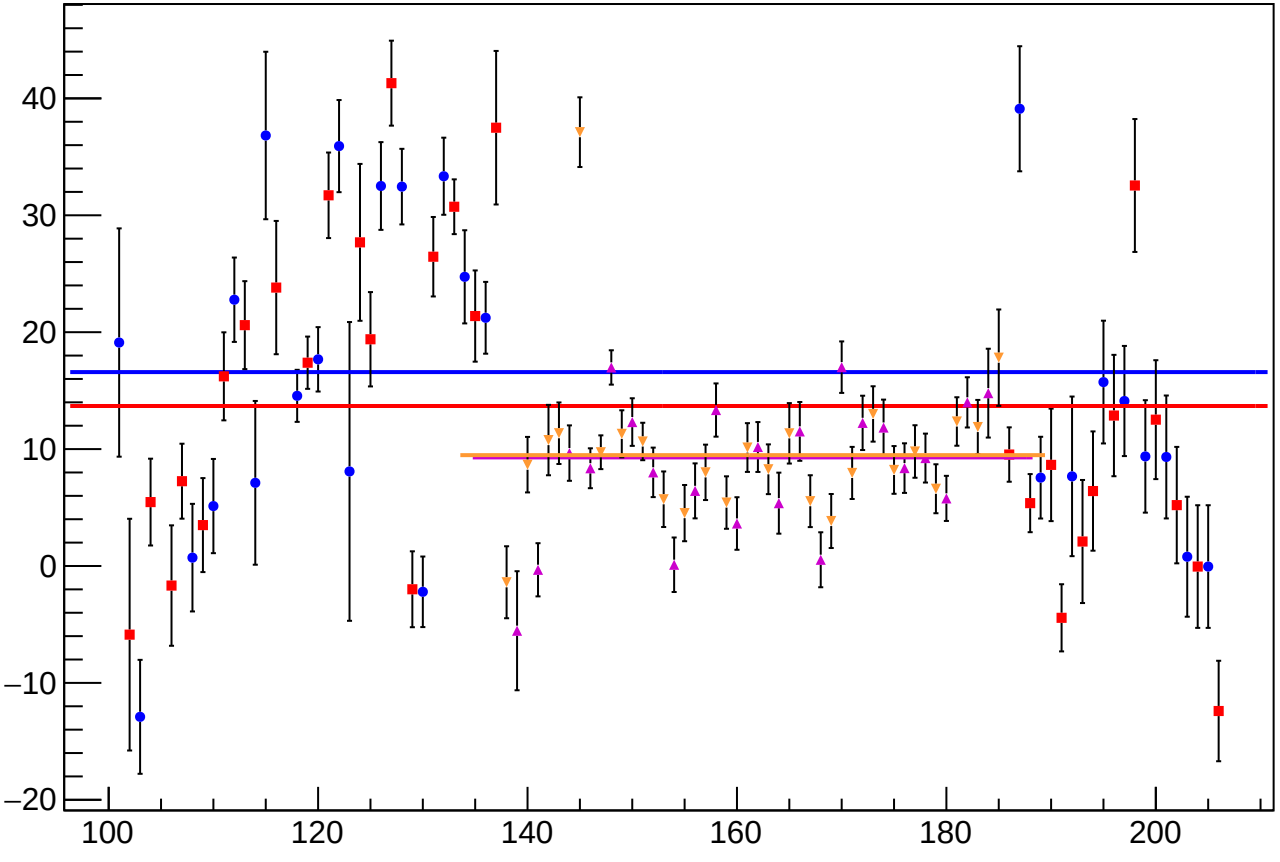
Right: -89.227+/-0.743 χ^2/NDF: 3702.7/20

In: -58.880+/-0.533 χ^2/NDF:2507.9/31

Out: -59.654+/-0.483 χ^2/NDF:4658.4/36

All: -59.305+/-0.358 χ^2/NDF: 7167.4/68

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.587+/-0.792 χ^2/NDF: 258.2/25

Left Out: 9.483+/-0.447 χ^2/NDF:133.0/24

Right Out: 13.686+/-0.680 χ^2/NDF: 353.5/29

Left In: 9.289+/-0.461 χ^2/NDF:125.6/22

Left: 9.389+/-0.321 χ^2/NDF: 258.8/47

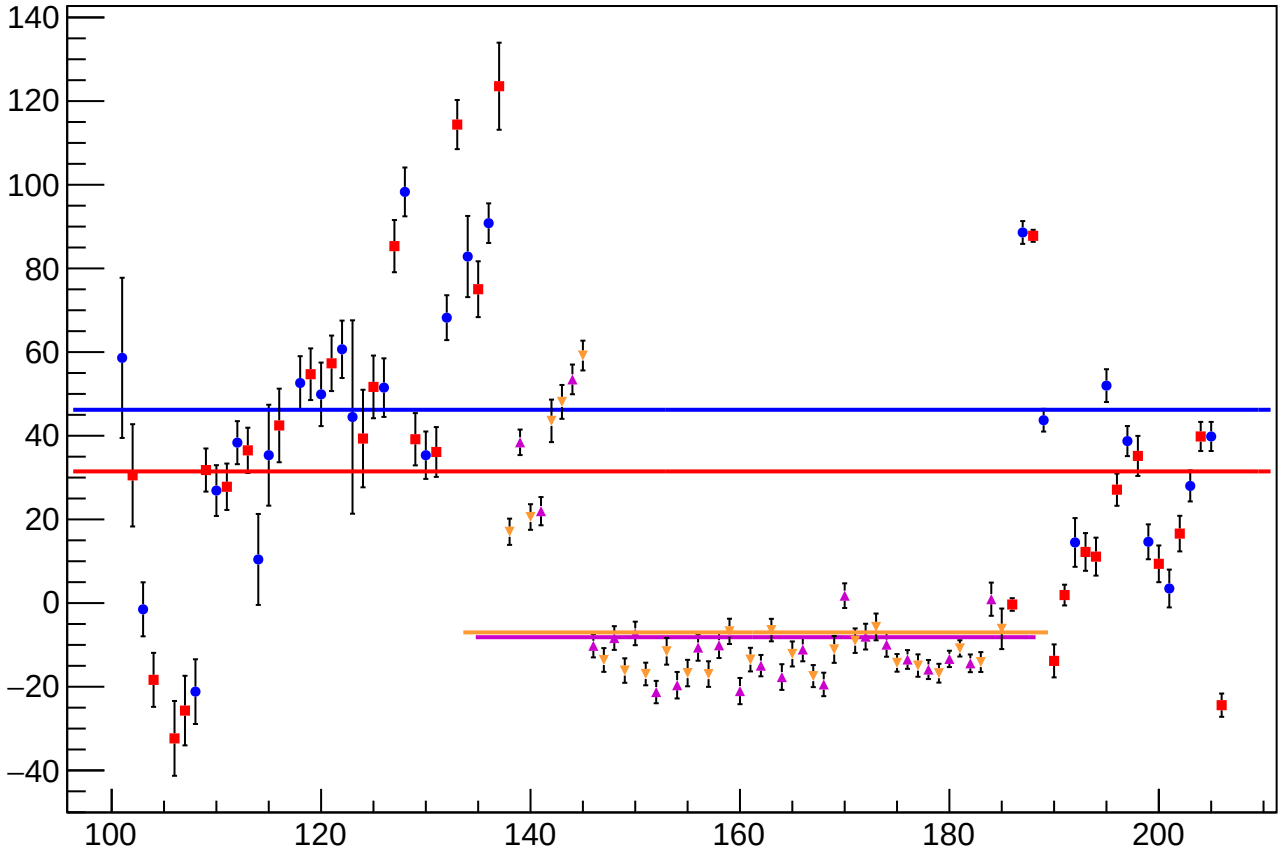
Right: 14.917+/-0.516 χ^2/NDF: 619.3/55

In: 11.132+/-0.398 χ^2/NDF:447.2/48

Out: 10.750+/-0.373 χ^2/NDF:513.2/54

All: 10.929+/-0.272 χ^2/NDF: 960.9/103

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 46.209+/-0.970 χ^2/NDF: 817.3/25

Left Out: -7.007+/-0.572 χ^2/NDF:899.2/24

Right Out: 31.473+/-0.696 χ^2/NDF: 3337.5/29

Left In: -8.158+/-0.578 χ^2/NDF:753.9/22

Left: -7.577+/-0.406 χ^2/NDF: 1655.2/47

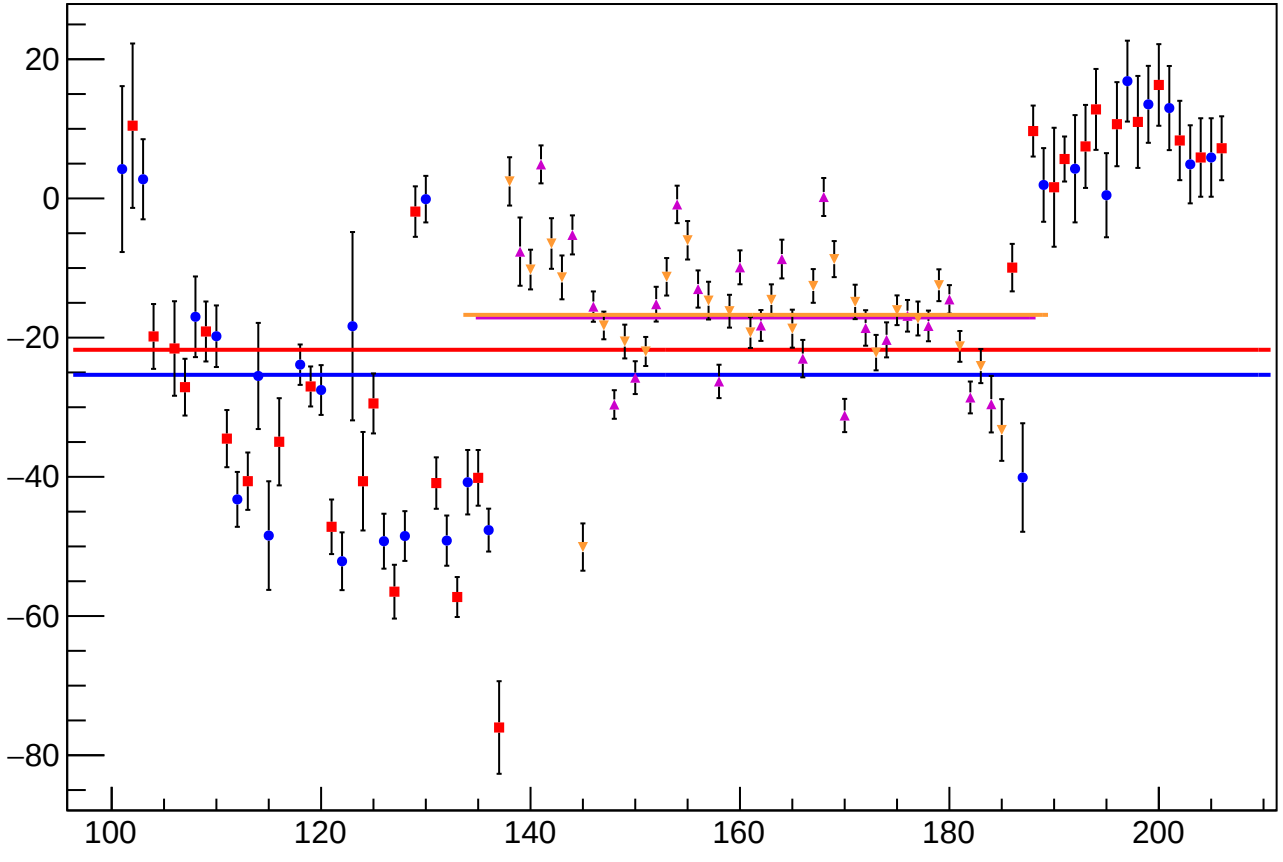
Right: 36.478+/-0.565 χ^2/NDF: 4307.2/55

In: 6.080+/-0.496 χ^2/NDF:3890.8/48

Out: 8.516+/-0.442 χ^2/NDF:6063.0/54

All: 7.439+/-0.330 χ^2/NDF: 9967.2/103

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.343+/-0.918 χ^2/NDF: 613.5/25

Left Out: -16.727+/-0.508 χ^2/NDF:223.3/24

Right Out: -21.745+/-0.808 χ^2/NDF: 890.2/29

Left In: -17.100+/-0.520 χ^2/NDF:328.1/22

Left: -16.909+/-0.363 χ^2/NDF: 551.7/47

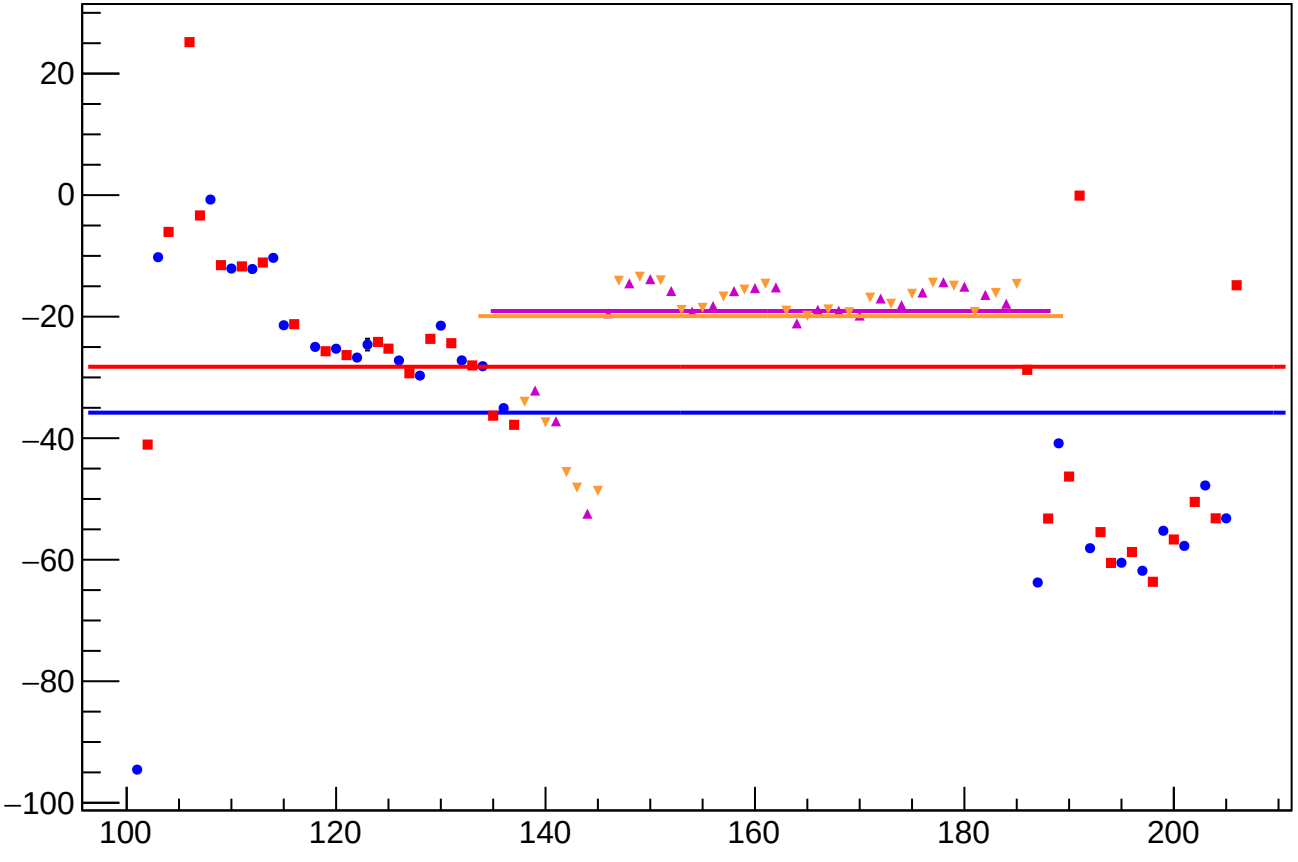
Right: -23.316+/-0.607 χ^2/NDF: 1512.4/55

In: -19.105+/-0.453 χ^2/NDF:1002.6/48

Out: -18.148+/-0.430 χ^2/NDF:1141.2/54

All: -18.602+/-0.312 χ^2/NDF: 2146.1/103

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -35.798+/-0.045 χ^2/NDF: 197987.8/25

Left Out: -19.915+/-0.023 χ^2/NDF:141090.6/24

Right Out: -28.244+/-0.037 χ^2/NDF: 412893.3/29

Left In: -19.068+/-0.024 χ^2/NDF:92702.3/22

Left: -19.496+/-0.017 χ^2/NDF: 234444.5/47

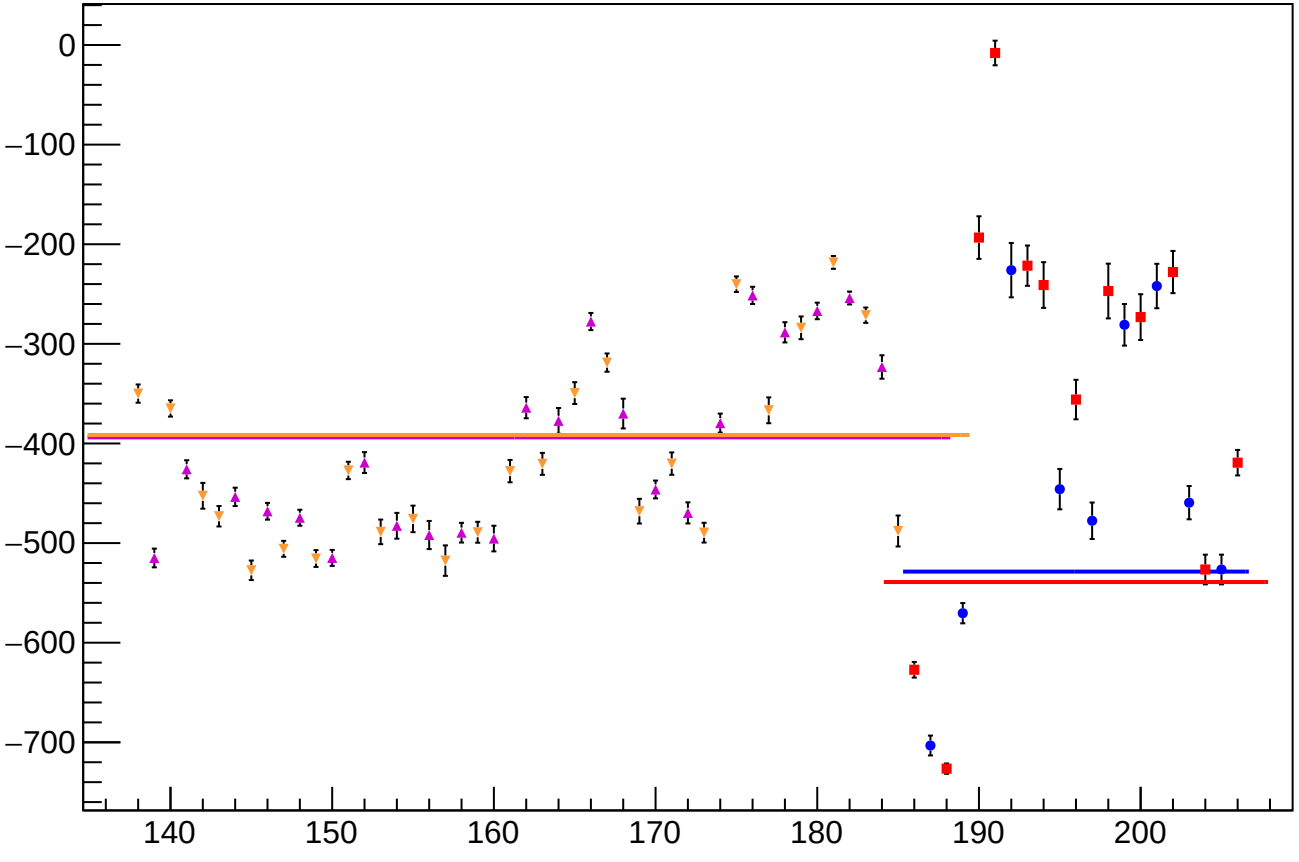
Right: -31.319+/-0.028 χ^2/NDF: 627944.4/55

In: -22.730+/-0.021 χ^2/NDF:400947.5/48

Out: -22.295+/-0.020 χ^2/NDF:590374.9/54

All: -22.501+/-0.014 χ^2/NDF: 991553.1/103

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -528.627+/-5.071 χ^2/NDF: 794.5/8

Left Out: -391.476+/-1.973 χ^2/NDF:2708.6/24

Right Out: -539.095+/-3.427 χ^2/NDF: 4592.0/11

Left In: -393.904+/-1.998 χ^2/NDF:2280.8/22

Left: -392.674+/-1.404 χ^2/NDF: 4990.1/47

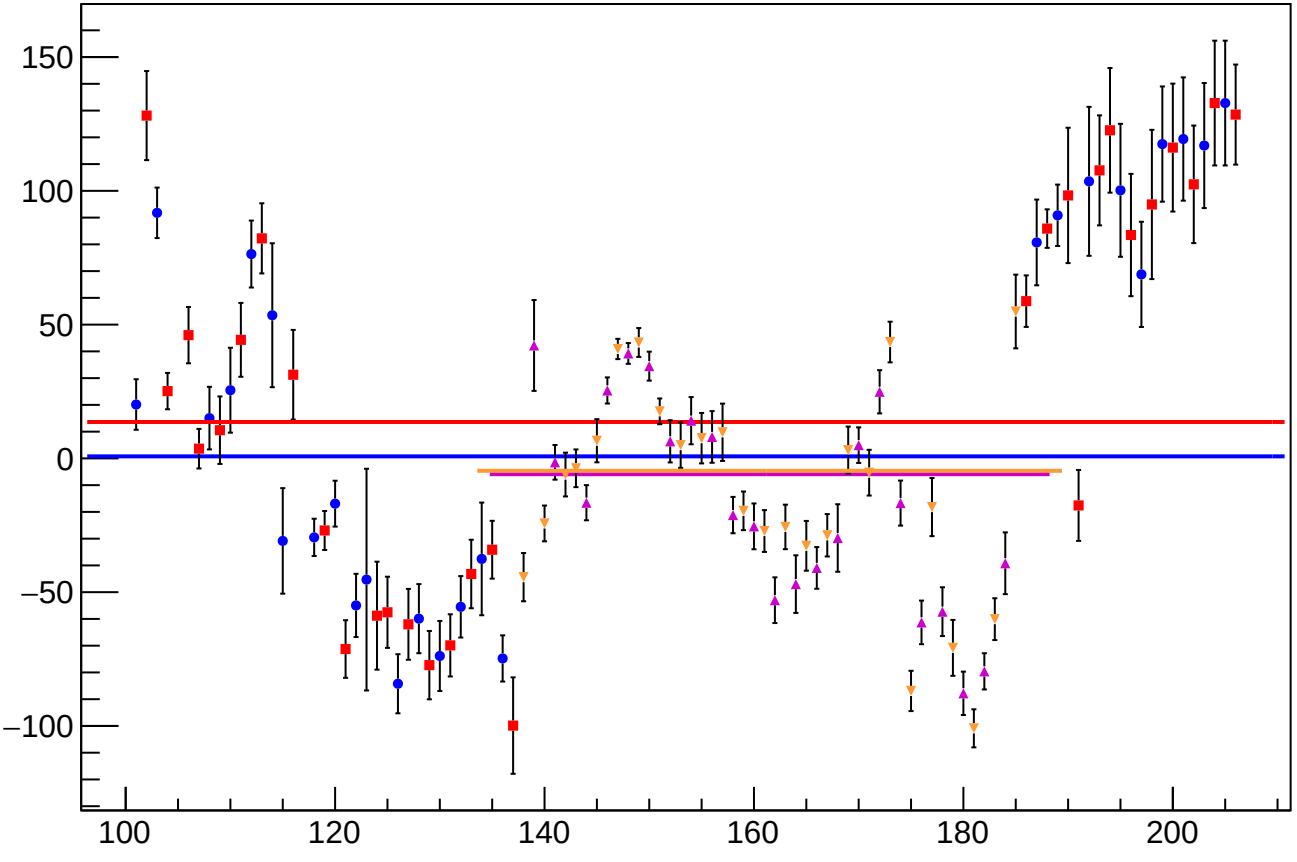
Right: -535.813+/-2.840 χ^2/NDF: 5389.4/20

In: -412.003+/-1.859 χ^2/NDF:3686.2/31

Out: -428.209+/-1.710 χ^2/NDF:8694.3/36

All: -420.783+/-1.258 χ^2/NDF: 12421.7/68

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.763+/-2.549 χ^2/NDF: 648.9/25

Left Out: -4.635+/-1.467 χ^2/NDF:771.4/24

Right Out: 13.608+/-2.240 χ^2/NDF: 742.2/29

Left In: -5.906+/-1.513 χ^2/NDF:657.5/22

Left: -5.251+/-1.053 χ^2/NDF: 1429.3/47

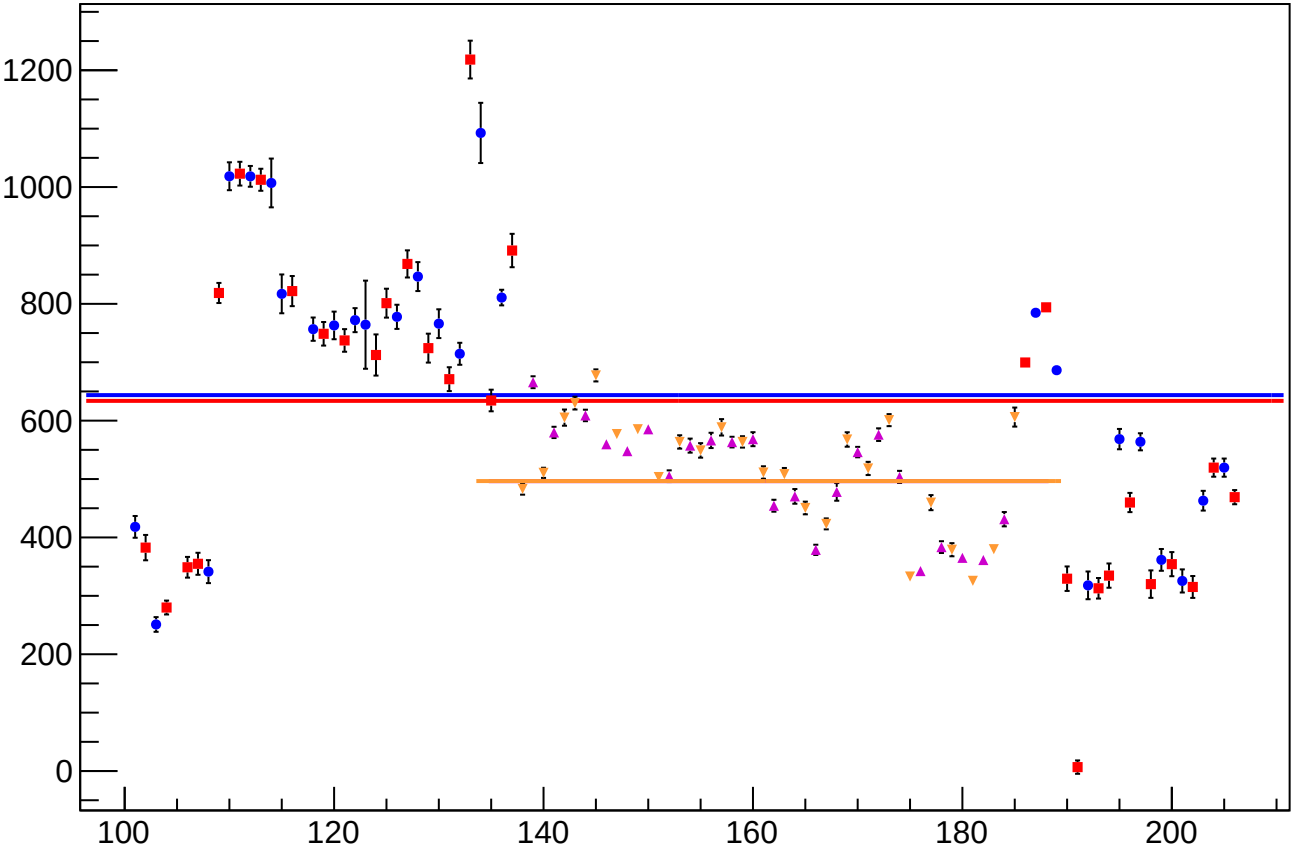
Right: 8.011+/-1.682 χ^2/NDF: 1405.5/55

In: -4.168+/-1.301 χ^2/NDF:1311.6/48

Out: 0.844+/-1.227 χ^2/NDF:1560.0/54

All: -1.516+/-0.893 χ^2/NDF: 2879.4/103

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 643.707+/-3.314 χ^2/NDF: 3851.2/25

Left Out: 496.535+/-1.971 χ^2/NDF:2589.1/24

Right Out: 633.878+/-2.468 χ^2/NDF: 9415.6/29

Left In: 496.393+/-1.985 χ^2/NDF:2295.8/22

Left: 496.465+/-1.399 χ^2/NDF: 4884.9/47

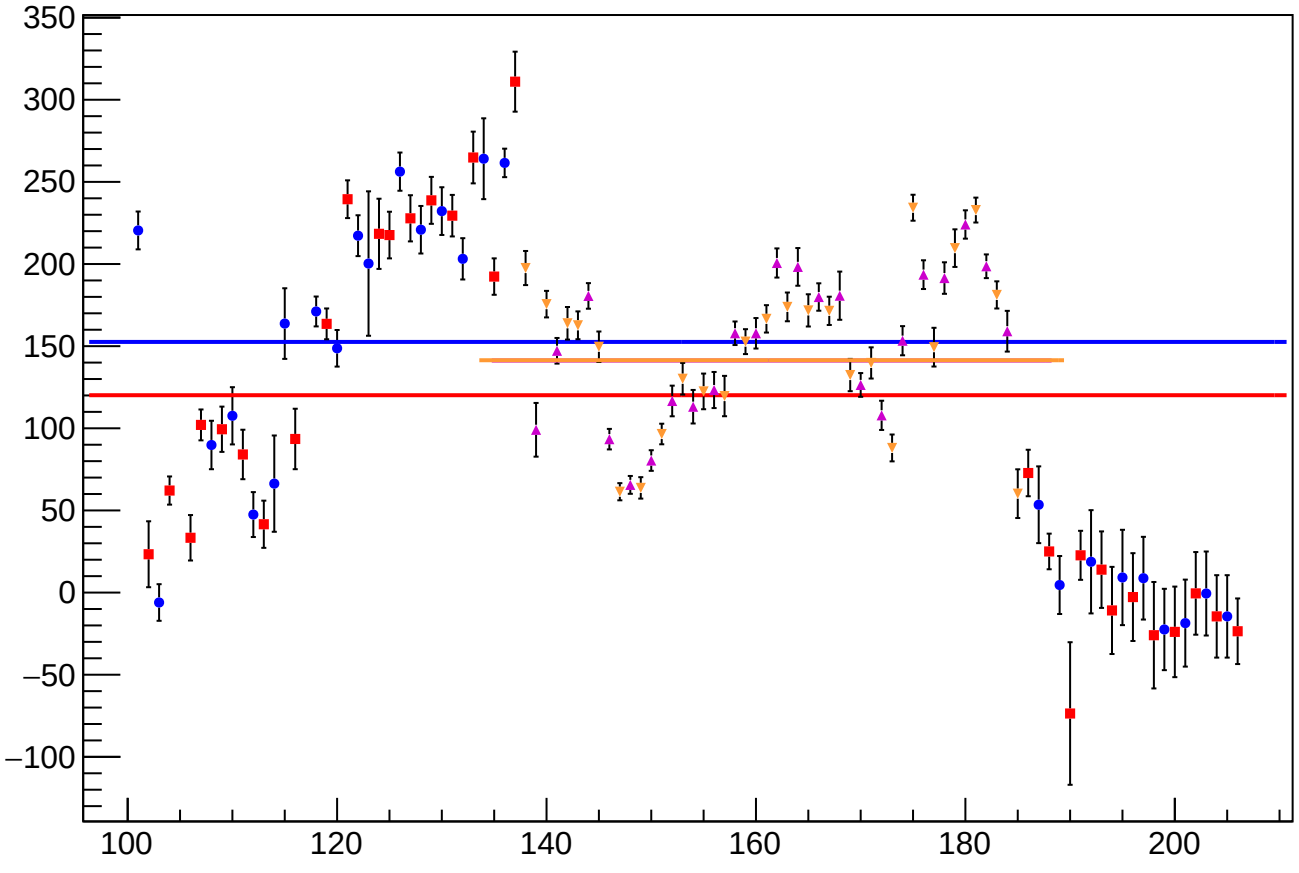
Right: 637.385+/-1.979 χ^2/NDF: 13272.5/55

In: 535.311+/-1.703 χ^2/NDF:7601.4/48

Out: 550.026+/-1.540 χ^2/NDF:13895.6/54

All: 543.406+/-1.142 χ^2/NDF: 21538.0/103

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 152.580+/-2.982 χ^2/NDF: 1024.5/25

Left Out: 141.430+/-1.704 χ^2/NDF:957.7/24

Right Out: 120.142+/-2.685 χ^2/NDF: 1156.3/29

Left In: 141.248+/-1.744 χ^2/NDF:744.2/22

Left: 141.341+/-1.219 χ^2/NDF: 1701.9/47

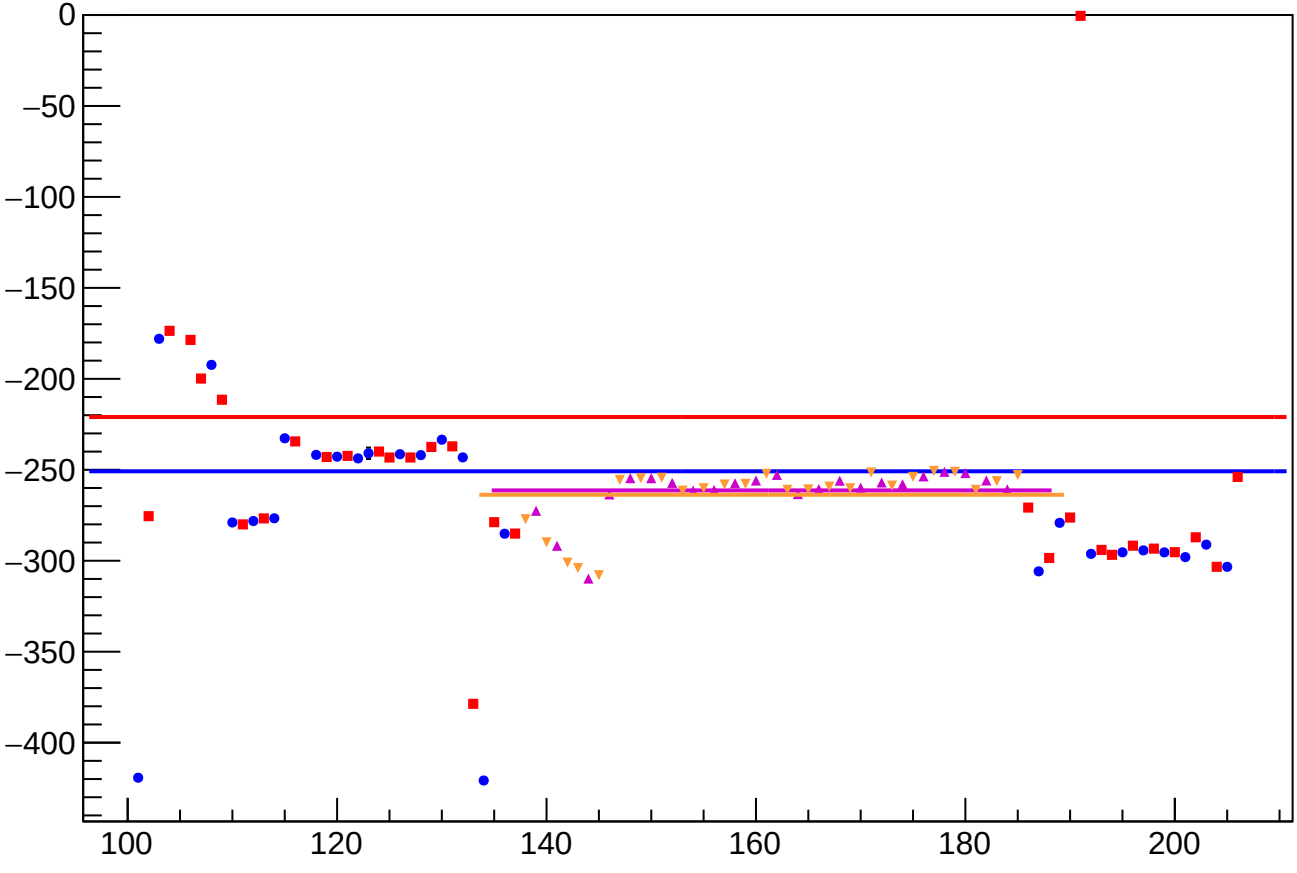
Right: 134.668+/-1.995 χ^2/NDF: 2246.1/55

In: 144.136+/-1.505 χ^2/NDF:1779.4/48

Out: 135.317+/-1.439 χ^2/NDF:2158.8/54

All: 139.528+/-1.040 χ^2/NDF: 3956.2/103

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -250.821+/-0.141 χ^2/NDF: 195212.6/25

Left Out: -263.734+/-0.081 χ^2/NDF:37922.0/24

Right Out: -220.994+/-0.123 χ^2/NDF: 467122.3/29

Left In: -261.325+/-0.082 χ^2/NDF:23449.2/22

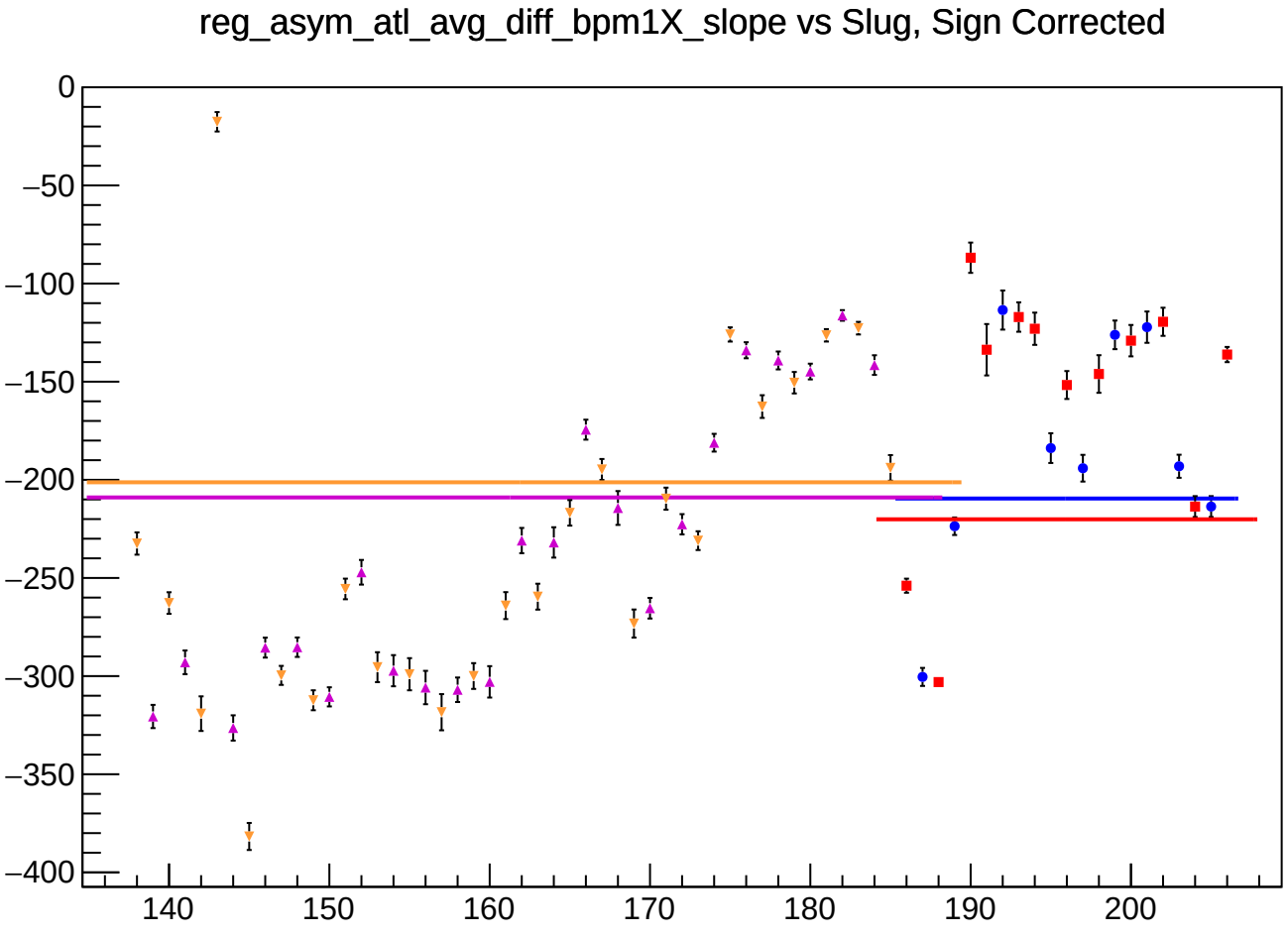
Left: -262.533+/-0.058 χ^2/NDF: 61807.4/47

Right: -233.899+/-0.093 χ^2/NDF: 687776.1/55

In: -258.684+/-0.071 χ^2/NDF:222824.4/48

Out: -250.702+/-0.068 χ^2/NDF:588964.4/54

All: -254.537+/-0.049 χ^2/NDF: 818422.0/103



Right In: -209.525+/-2.018 χ^2/NDF: 770.4/8

Left Out: -201.261+/-1.065 χ^2/NDF:6110.1/24

Right Out: -220.114+/-1.445 χ^2/NDF: 2933.8/11

Left In: -208.981+/-1.078 χ^2/NDF:4865.2/22

Left: -205.075+/-0.758 χ^2/NDF: 11001.2/47

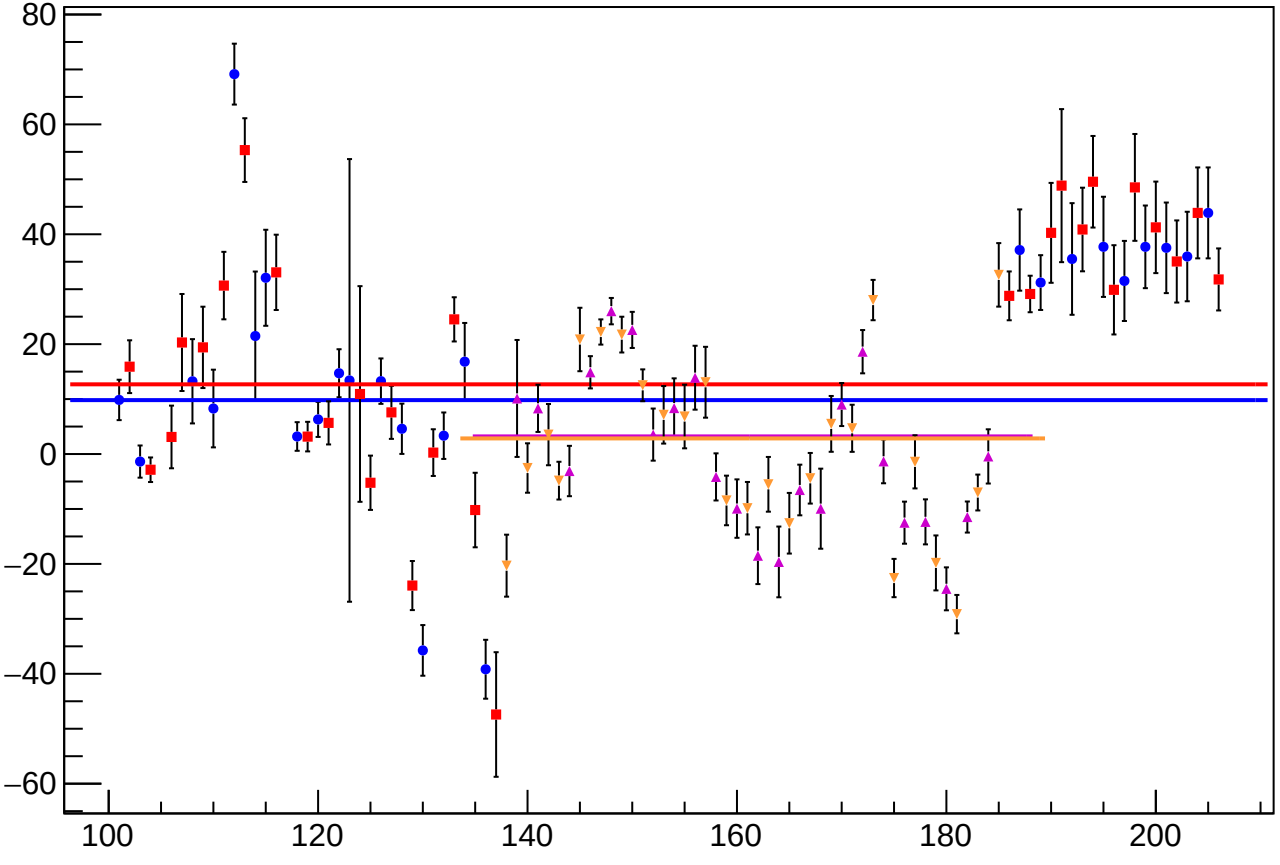
Right: -216.525+/-1.175 χ^2/NDF: 3722.4/20

In: -209.101+/-0.951 χ^2/NDF:5635.7/31

Out: -207.899+/-0.858 χ^2/NDF:9154.1/36

All: -208.438+/-0.637 χ^2/NDF: 14790.7/68

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.813+/-0.998 χ^2/NDF: 441.3/25

Left Out: 2.841+/-0.824 χ^2/NDF:420.6/24

Right Out: 12.686+/-0.927 χ^2/NDF: 429.8/29

Left In: 3.208+/-0.854 χ^2/NDF:323.8/22

Left: 3.018+/-0.593 χ^2/NDF: 744.6/47

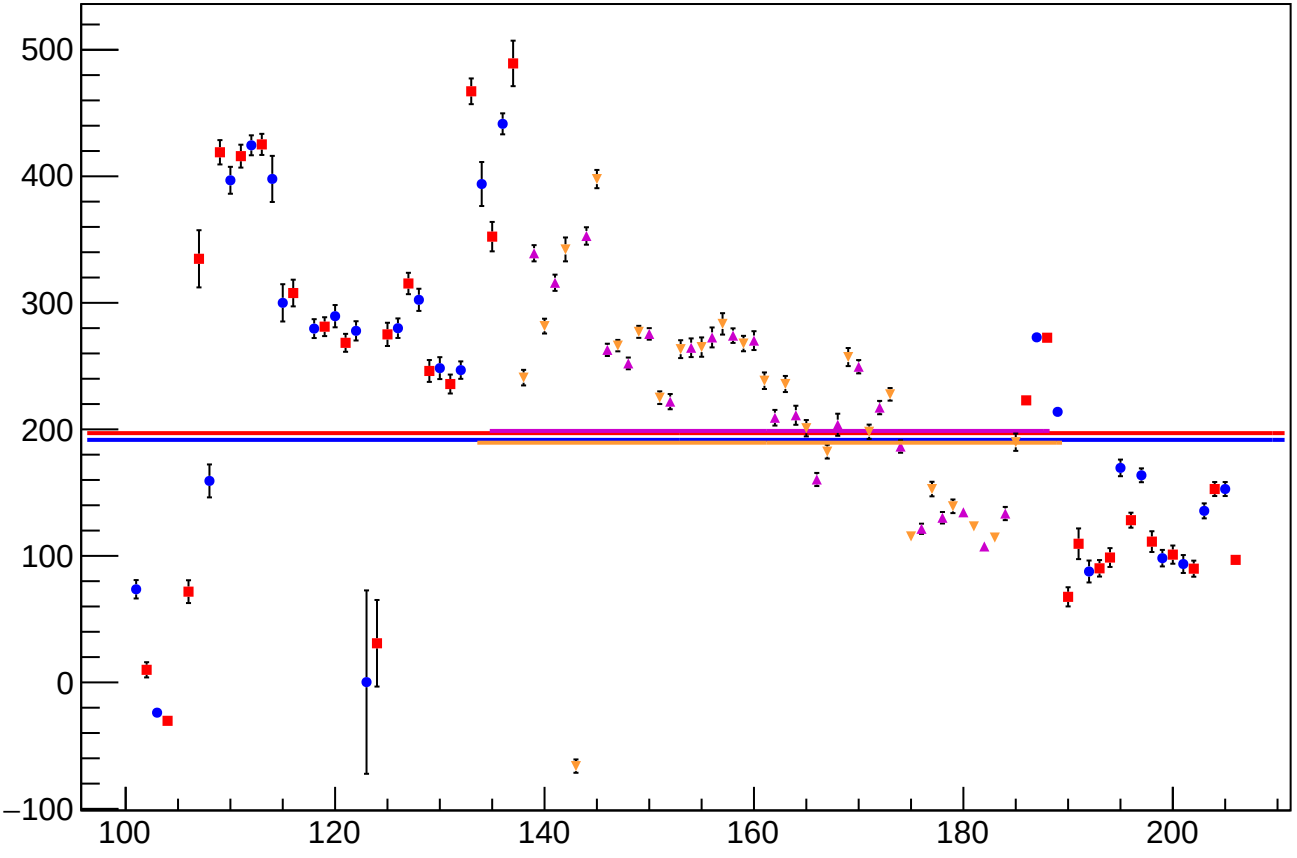
Right: 11.355+/-0.679 χ^2/NDF: 875.5/55

In: 6.002+/-0.649 χ^2/NDF:790.4/48

Out: 7.184+/-0.616 χ^2/NDF:913.4/54

All: 6.624+/-0.447 χ^2/NDF: 1705.6/103

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 191.680+/-1.322 χ^2/NDF: 7994.1/25

Left Out: 189.453+/-1.070 χ^2/NDF:6649.7/24

Right Out: 197.019+/-1.040 χ^2/NDF: 12124.3/29

Left In: 198.762+/-1.078 χ^2/NDF:4590.0/22

Left: 194.072+/-0.759 χ^2/NDF: 11277.3/47

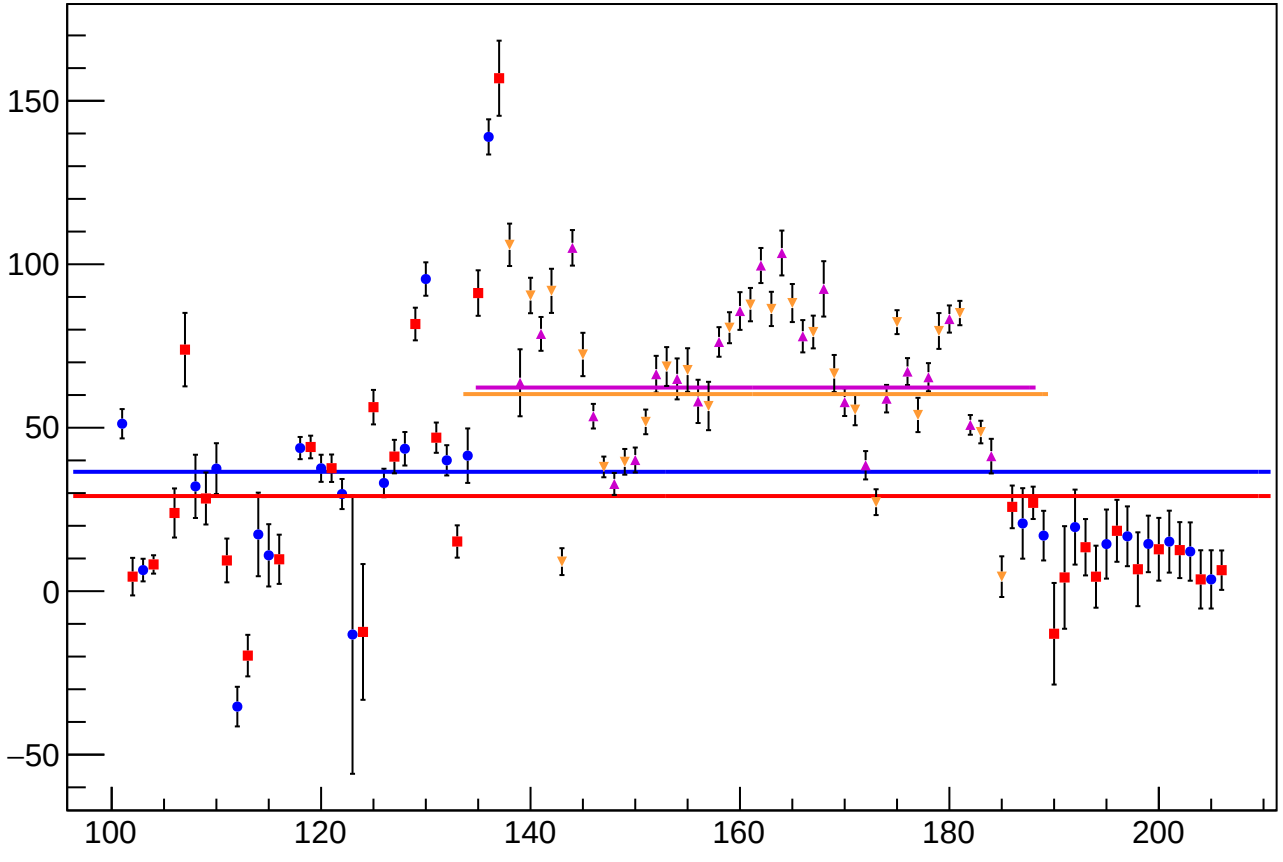
Right: 194.978+/-0.818 χ^2/NDF: 20128.5/55

In: 195.935+/-0.836 χ^2/NDF:12601.4/48

Out: 193.341+/-0.746 χ^2/NDF:18799.7/54

All: 194.492+/-0.556 χ^2/NDF: 31406.4/103

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 36.515+/-1.173 χ^2/NDF: 796.1/25

Left Out: 60.287+/-0.945 χ^2/NDF:714.8/24

Right Out: 29.101+/-1.107 χ^2/NDF: 615.1/29

Left In: 62.290+/-0.971 χ^2/NDF:411.6/22

Left: 61.261+/-0.677 χ^2/NDF: 1128.6/47

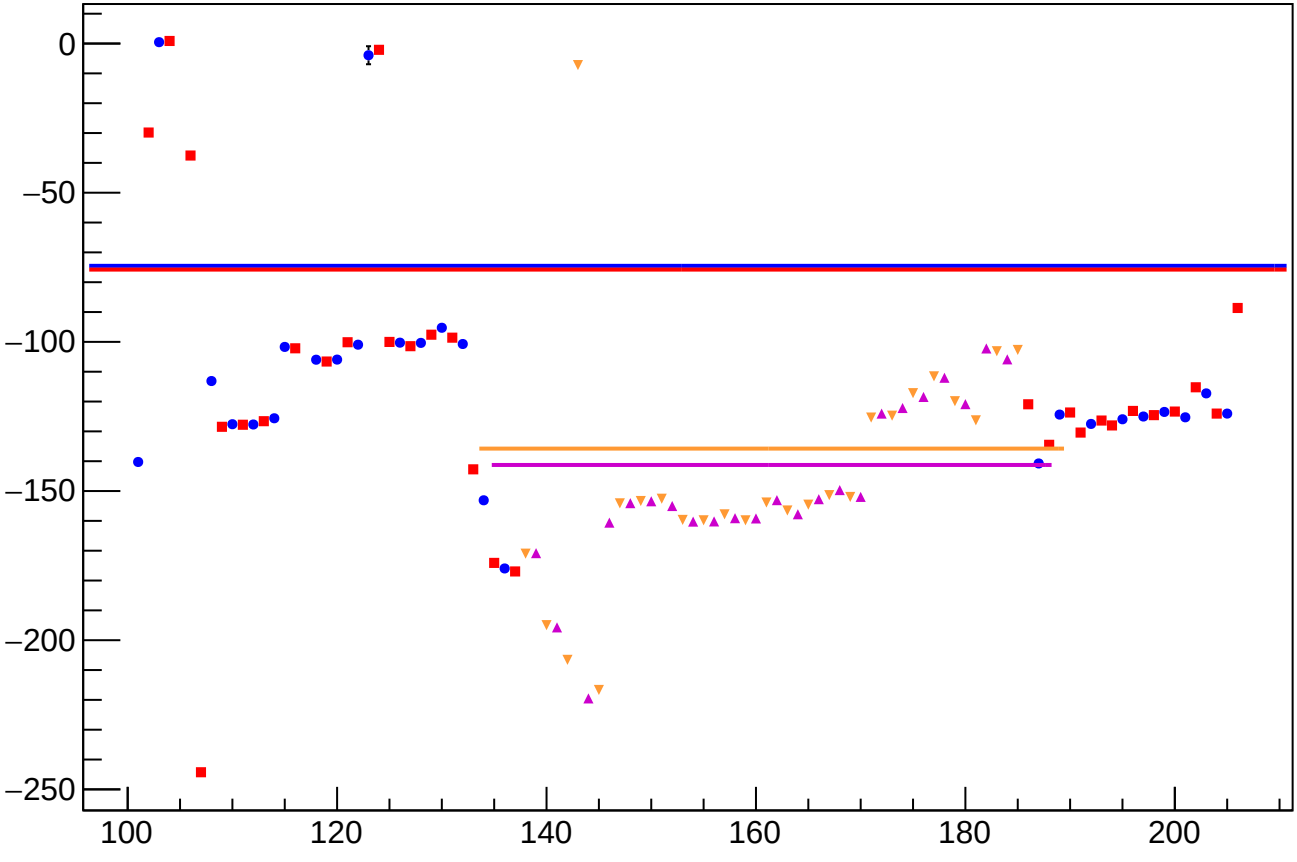
Right: 32.593+/-0.805 χ^2/NDF: 1432.2/55

In: 51.808+/-0.748 χ^2/NDF:1494.1/48

Out: 47.140+/-0.719 χ^2/NDF:1789.0/54

All: 49.381+/-0.518 χ^2/NDF: 3303.3/103

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -74.512+/-0.053 χ^2/NDF: 1393376.3/25

Left Out: -135.775+/-0.045 χ^2/NDF:742021.1/24

Right Out: -75.772+/-0.050 χ^2/NDF: 1400870.0/29

Left In: -141.259+/-0.045 χ^2/NDF:350045.9/22

Left: -138.491+/-0.032 χ^2/NDF: 1099530.1/47

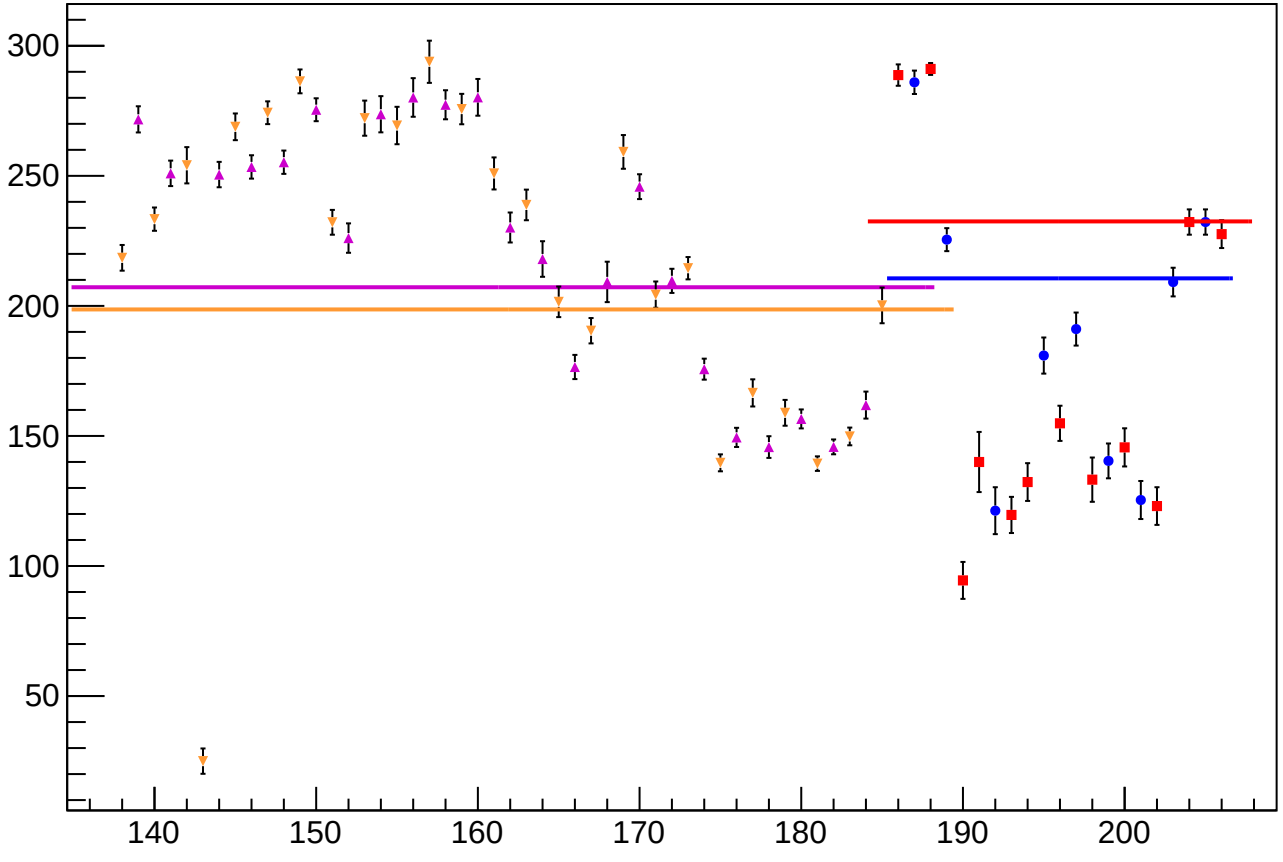
Right: -75.189+/-0.036 χ^2/NDF: 2794545.1/55

In: -113.500+/-0.034 χ^2/NDF:2654111.6/48

Out: -108.887+/-0.033 χ^2/NDF:2951354.1/54

All: -111.106+/-0.024 χ^2/NDF: 5614756.6/10

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 210.588+/-1.908 χ^2/NDF: 683.5/8

Left Out: 198.637+/-0.966 χ^2/NDF:4146.6/24

Right Out: 232.482+/-1.460 χ^2/NDF: 2381.6/11

Left In: 207.171+/-0.986 χ^2/NDF:2631.6/22

Left: 202.817+/-0.690 χ^2/NDF: 6816.4/47

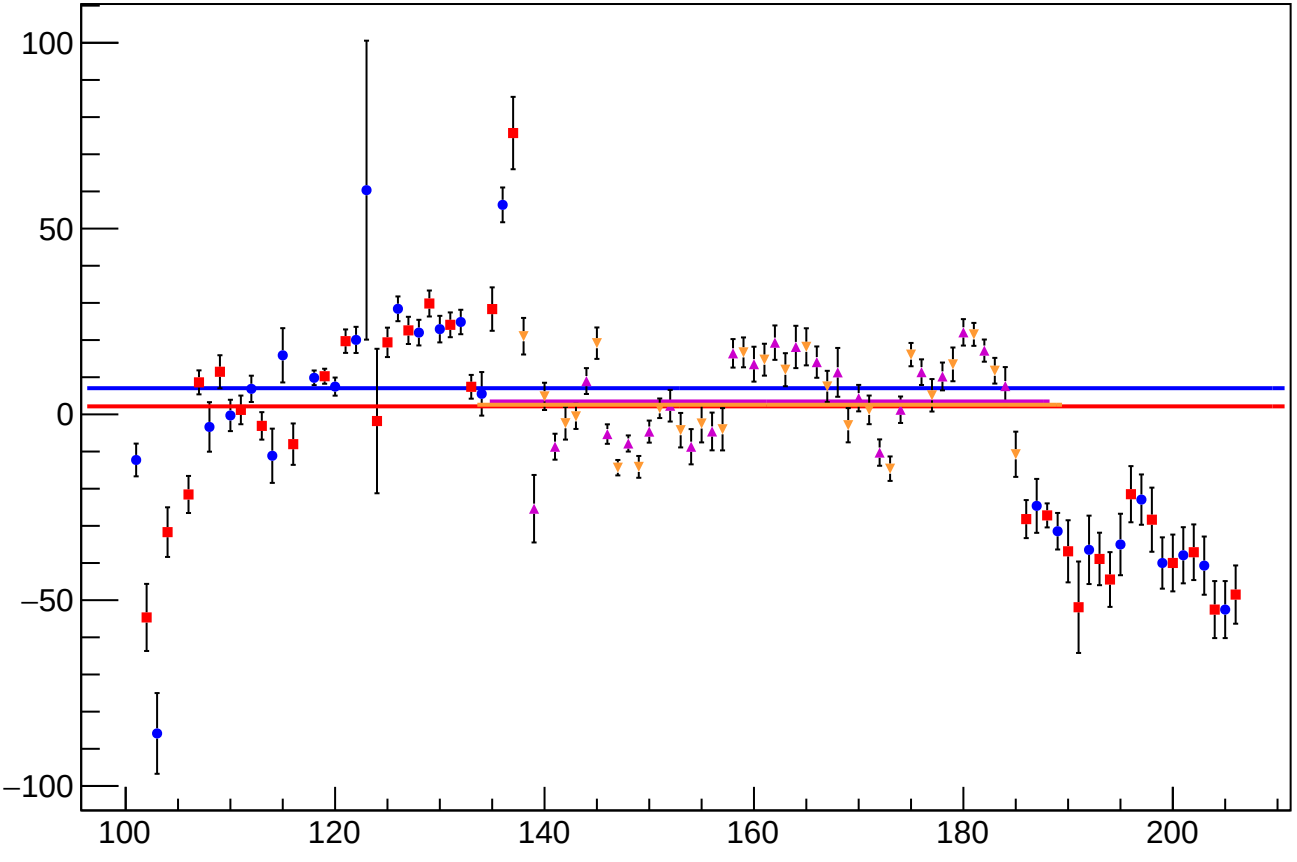
Right: 224.397+/-1.159 χ^2/NDF: 3148.2/20

In: 207.892+/-0.876 χ^2/NDF:3317.6/31

Out: 208.945+/-0.806 χ^2/NDF:6902.0/36

All: 208.462+/-0.593 χ^2/NDF: 10220.3/68

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.048+/-0.857 χ^2/NDF: 670.7/25

Left Out: 2.595+/-0.744 χ^2/NDF:274.3/24

Right Out: 2.157+/-0.821 χ^2/NDF: 789.7/29

Left In: 3.478+/-0.772 χ^2/NDF:194.7/22

Left: 3.020+/-0.536 χ^2/NDF: 469.7/47

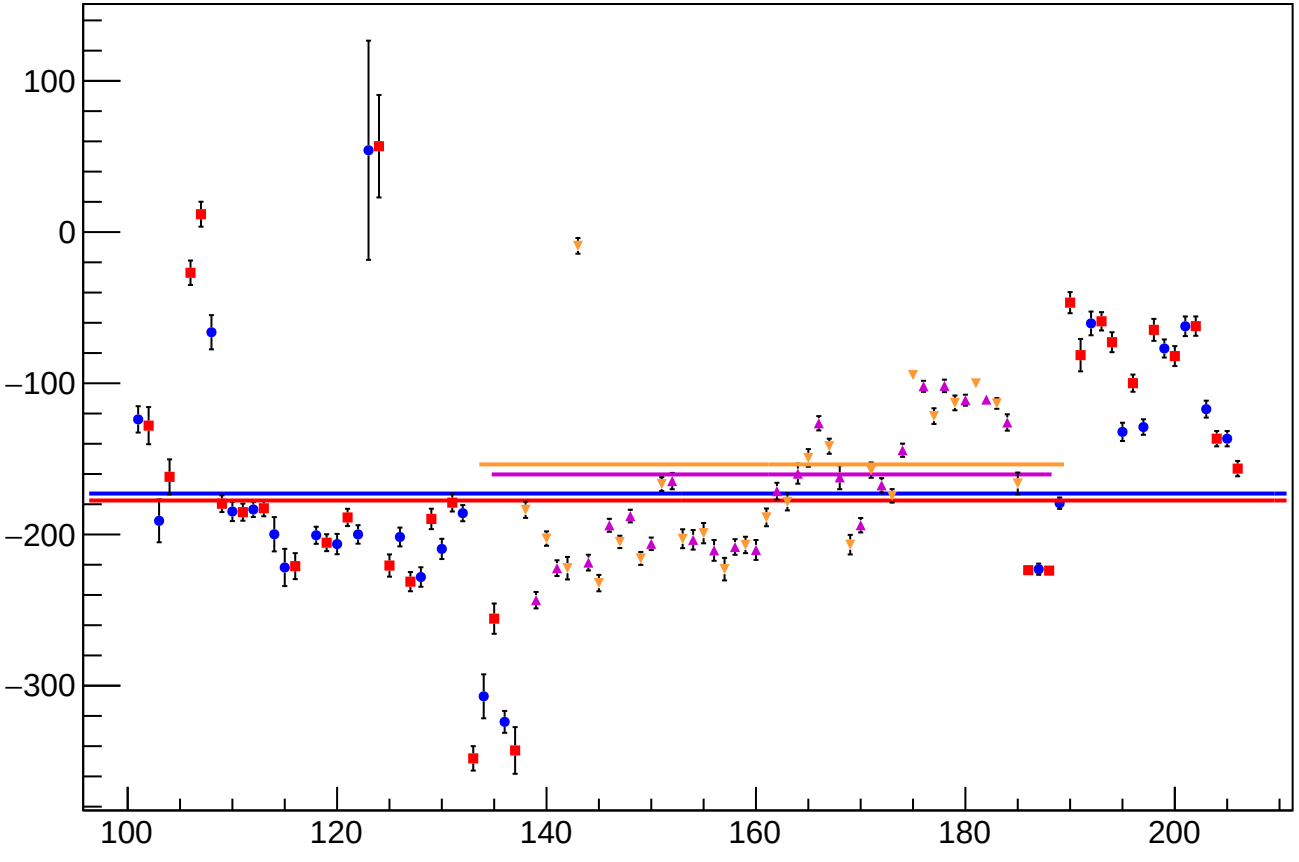
Right: 4.500+/-0.593 χ^2/NDF: 1477.3/55

In: 5.078+/-0.573 χ^2/NDF:874.9/48

Out: 2.398+/-0.551 χ^2/NDF:1064.1/54

All: 3.685+/-0.397 χ^2/NDF: 1950.4/103

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -172.927+/-1.227 χ^2/NDF: 2087.4/25

Left Out: -153.649+/-0.970 χ^2/NDF:2930.9/24

Right Out: -177.512+/-1.006 χ^2/NDF: 4675.1/29

Left In: -160.279+/-0.985 χ^2/NDF:2049.4/22

Left: -156.913+/-0.691 χ^2/NDF: 5003.3/47

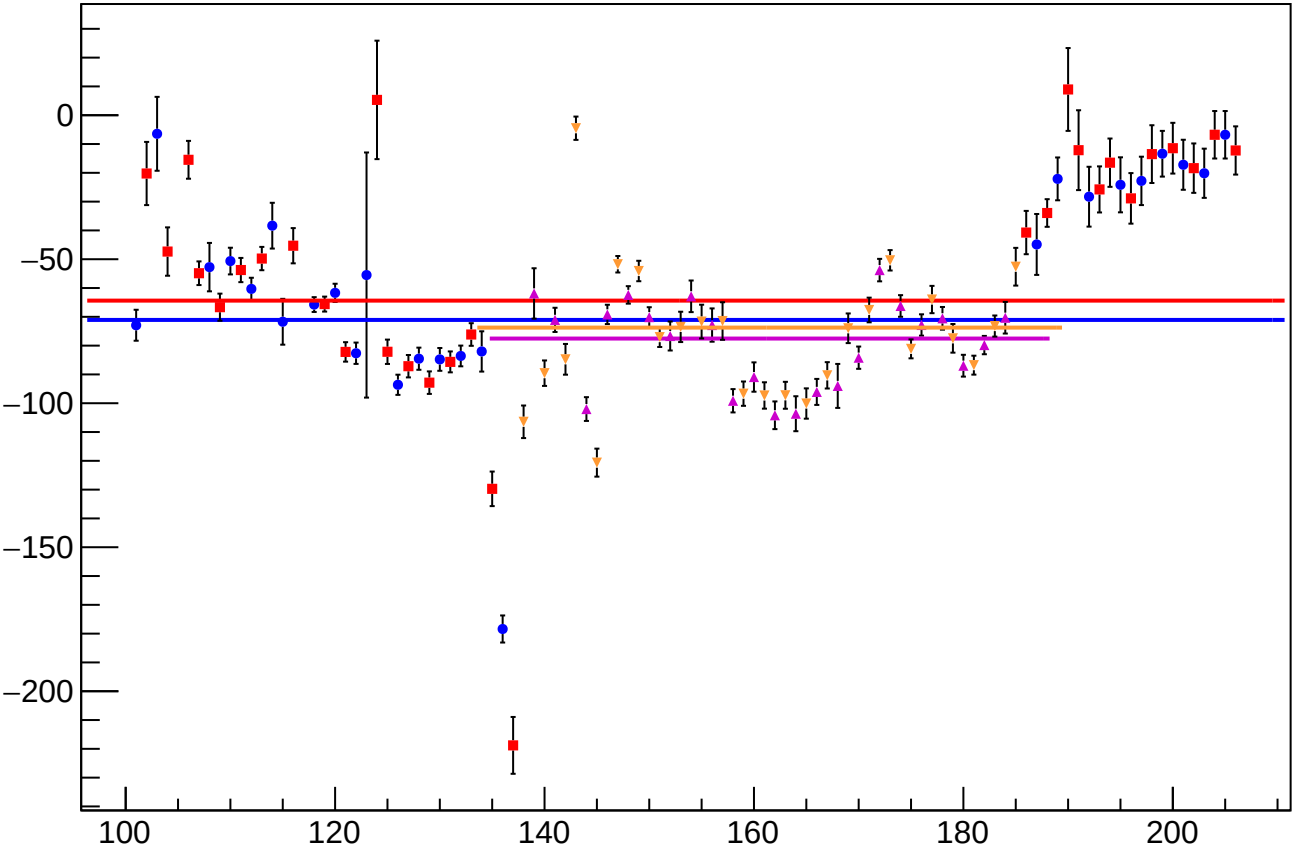
Right: -175.670+/-0.778 χ^2/NDF: 6770.8/55

In: -165.233+/-0.768 χ^2/NDF:4201.4/48

Out: -165.142+/-0.698 χ^2/NDF:7897.6/54

All: -165.183+/-0.517 χ^2/NDF: 12099.0/103

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -71.077+/-1.000 χ^2/NDF: 1010.2/25

Left Out: -73.741+/-0.855 χ^2/NDF:728.3/24

Right Out: -64.372+/-0.963 χ^2/NDF: 1002.4/29

Left In: -77.545+/-0.880 χ^2/NDF:252.7/22

Left: -75.587+/-0.613 χ^2/NDF: 990.6/47

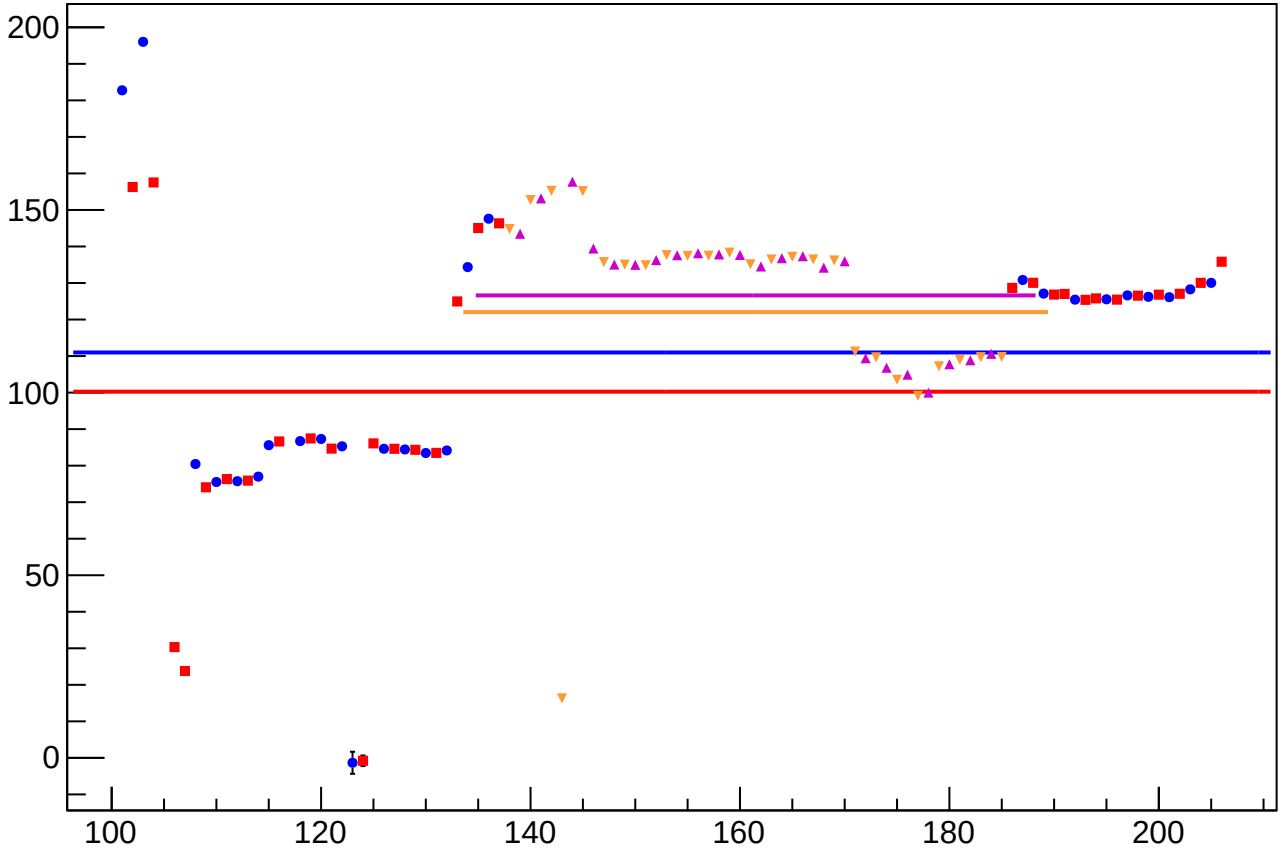
Right: -67.598+/-0.694 χ^2/NDF: 2035.9/55

In: -74.723+/-0.661 χ^2/NDF:1286.5/48

Out: -69.614+/-0.639 χ^2/NDF:1783.7/54

All: -72.084+/-0.459 χ^2/NDF: 3101.0/103

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 110.988+/-0.058 χ^2/NDF: 311006.0/25

Left Out: 122.046+/-0.040 χ^2/NDF:437985.3/24

Right Out: 100.248+/-0.051 χ^2/NDF: 577945.7/29

Left In: 126.605+/-0.041 χ^2/NDF:164757.9/22

Left: 124.300+/-0.029 χ^2/NDF: 609027.6/47

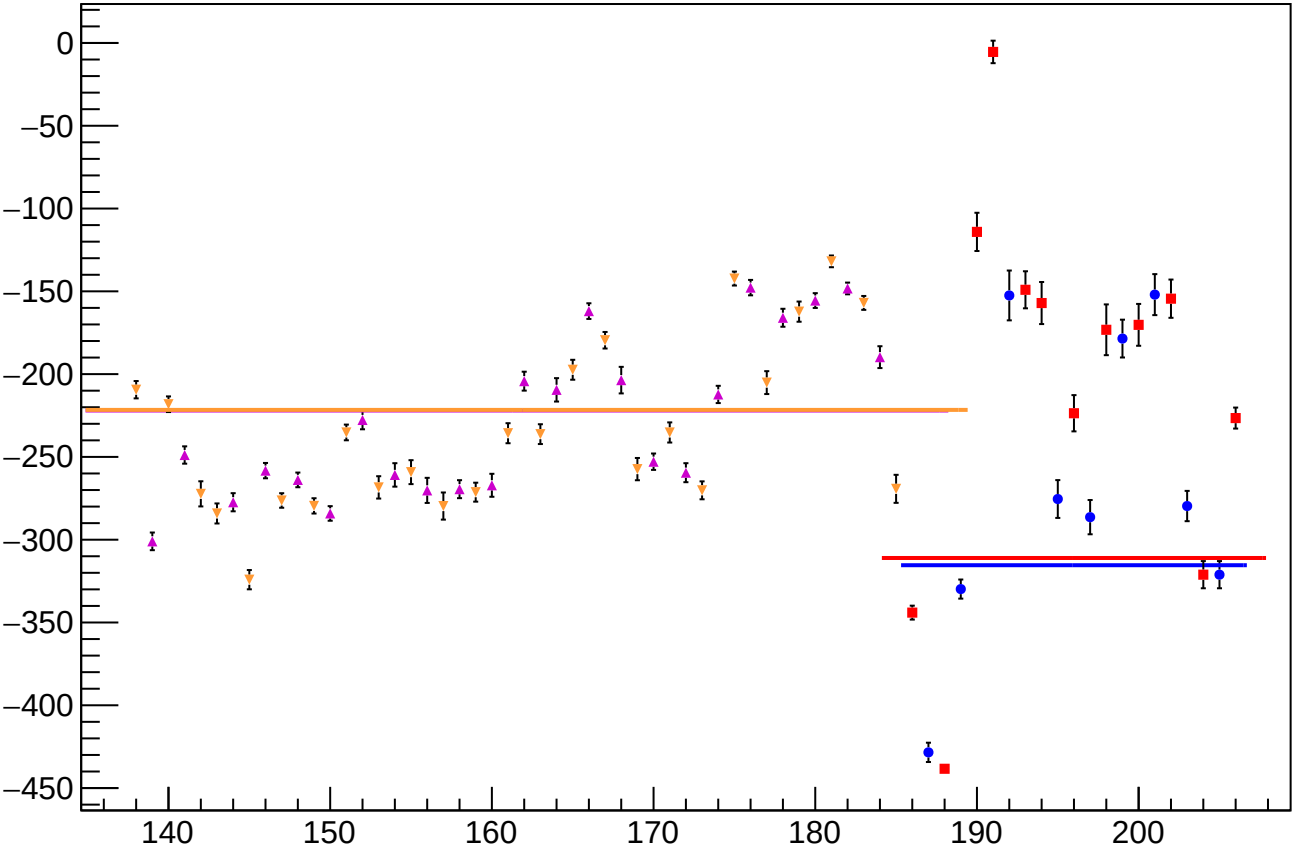
Right: 104.971+/-0.038 χ^2/NDF: 908462.3/55

In: 121.366+/-0.033 χ^2/NDF:524691.7/48

Out: 113.631+/-0.032 χ^2/NDF:1128147.1/54

All: 117.302+/-0.023 χ^2/NDF: 1681132.8/103

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -315.409+/-2.865 χ^2/NDF: 853.0/8

Left Out: -221.606+/-1.087 χ^2/NDF:2565.8/24

Right Out: -311.042+/-1.909 χ^2/NDF: 5119.5/11

Left In: -221.980+/-1.098 χ^2/NDF:2190.6/22

Left: -221.791+/-0.773 χ^2/NDF: 4756.5/47

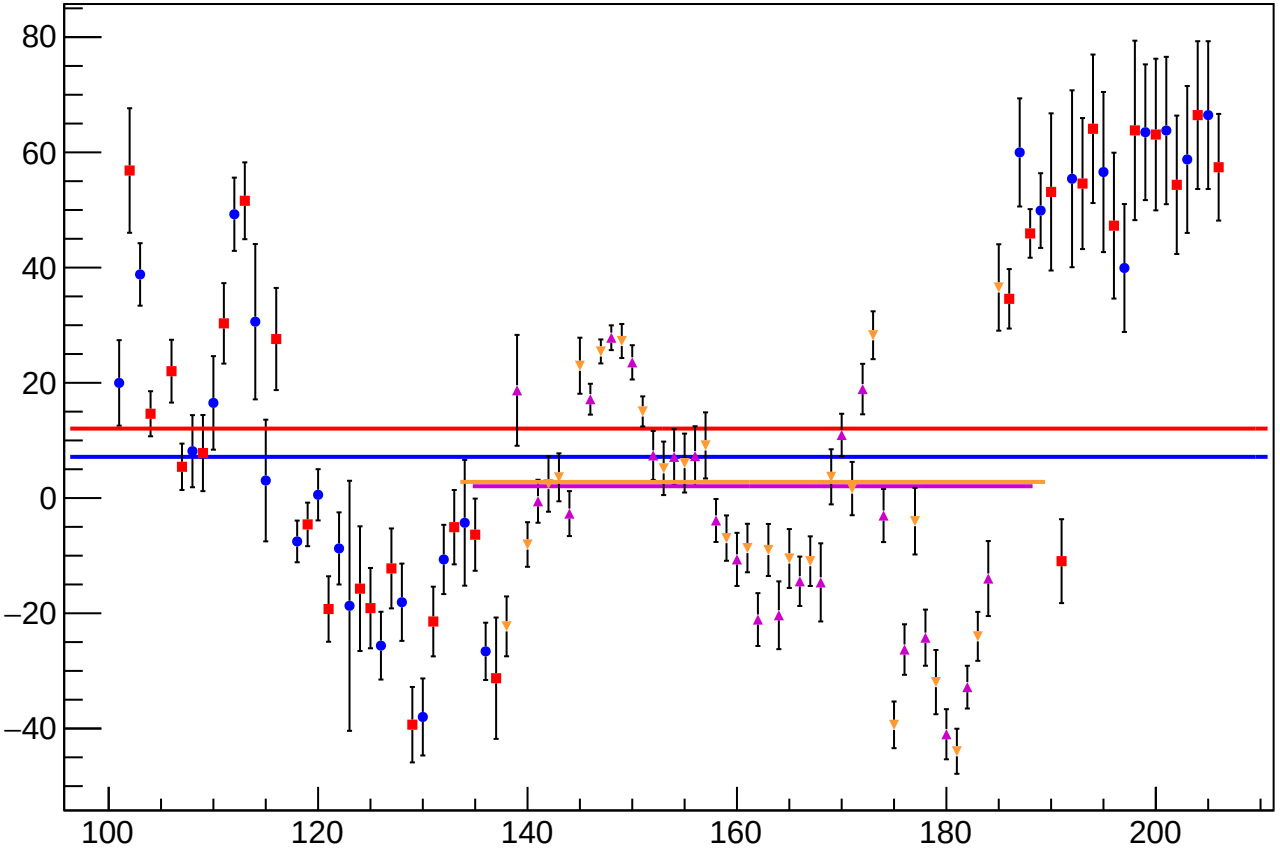
Right: -312.385+/-1.589 χ^2/NDF: 5974.1/20

In: -233.949+/-1.025 χ^2/NDF:3970.9/31

Out: -243.511+/-0.945 χ^2/NDF:9342.5/36

All: -239.120+/-0.695 χ^2/NDF: 13360.5/68

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.150+/-1.394 χ^2/NDF: 445.4/25

Left Out: 2.800+/-0.810 χ^2/NDF:685.5/24

Right Out: 12.058+/-1.212 χ^2/NDF: 503.7/29

Left In: 2.050+/-0.833 χ^2/NDF:592.6/22

Left: 2.436+/-0.581 χ^2/NDF: 1278.5/47

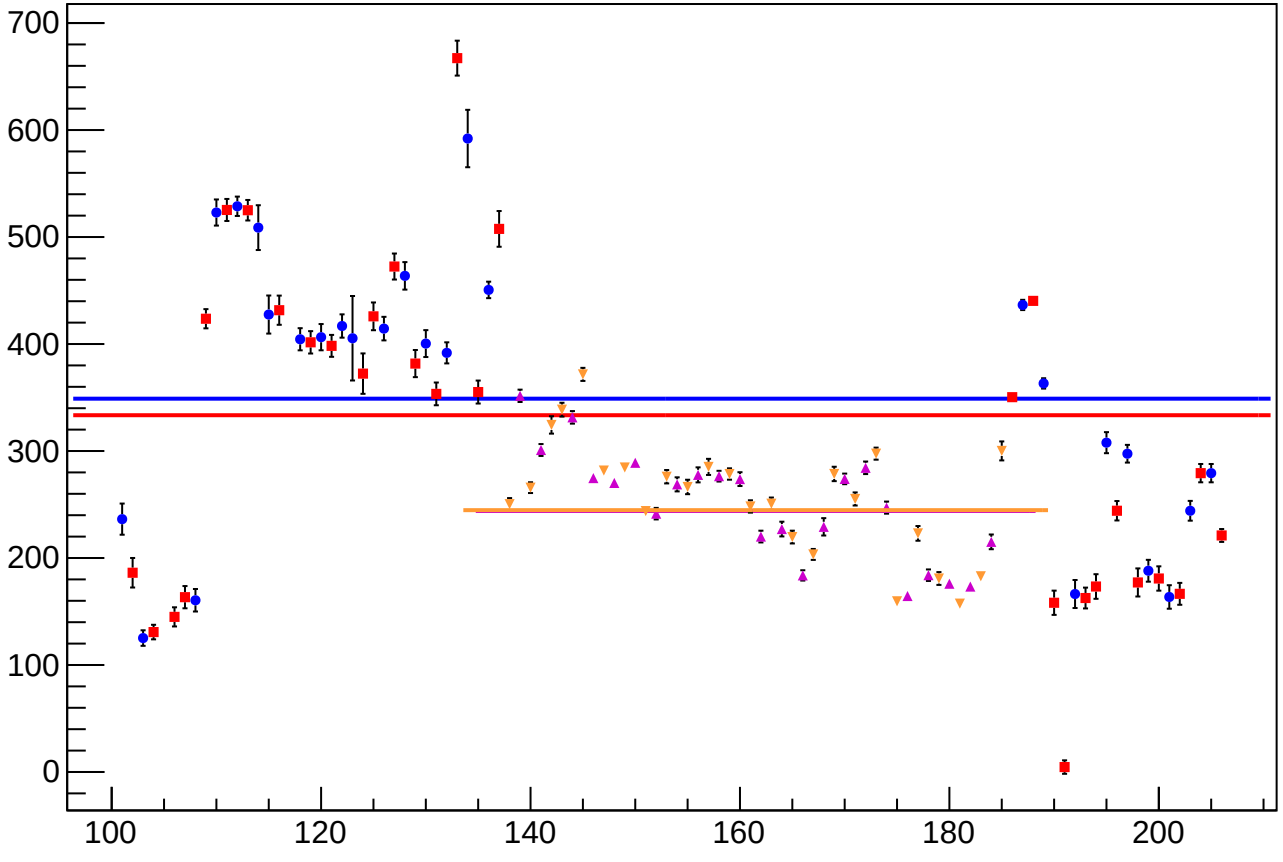
Right: 9.944+/-0.915 χ^2/NDF: 956.1/55

In: 3.393+/-0.715 χ^2/NDF:1047.9/48

Out: 5.655+/-0.673 χ^2/NDF:1229.5/54

All: 4.592+/-0.490 χ^2/NDF: 2282.7/103

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 348.915+/-1.852 χ^2/NDF: 3825.4/25

Left Out: 244.716+/-1.085 χ^2/NDF:2565.7/24

Right Out: 333.456+/-1.365 χ^2/NDF: 9916.2/29

Left In: 243.933+/-1.090 χ^2/NDF:2294.8/22

Left: 244.327+/-0.769 χ^2/NDF: 4860.7/47

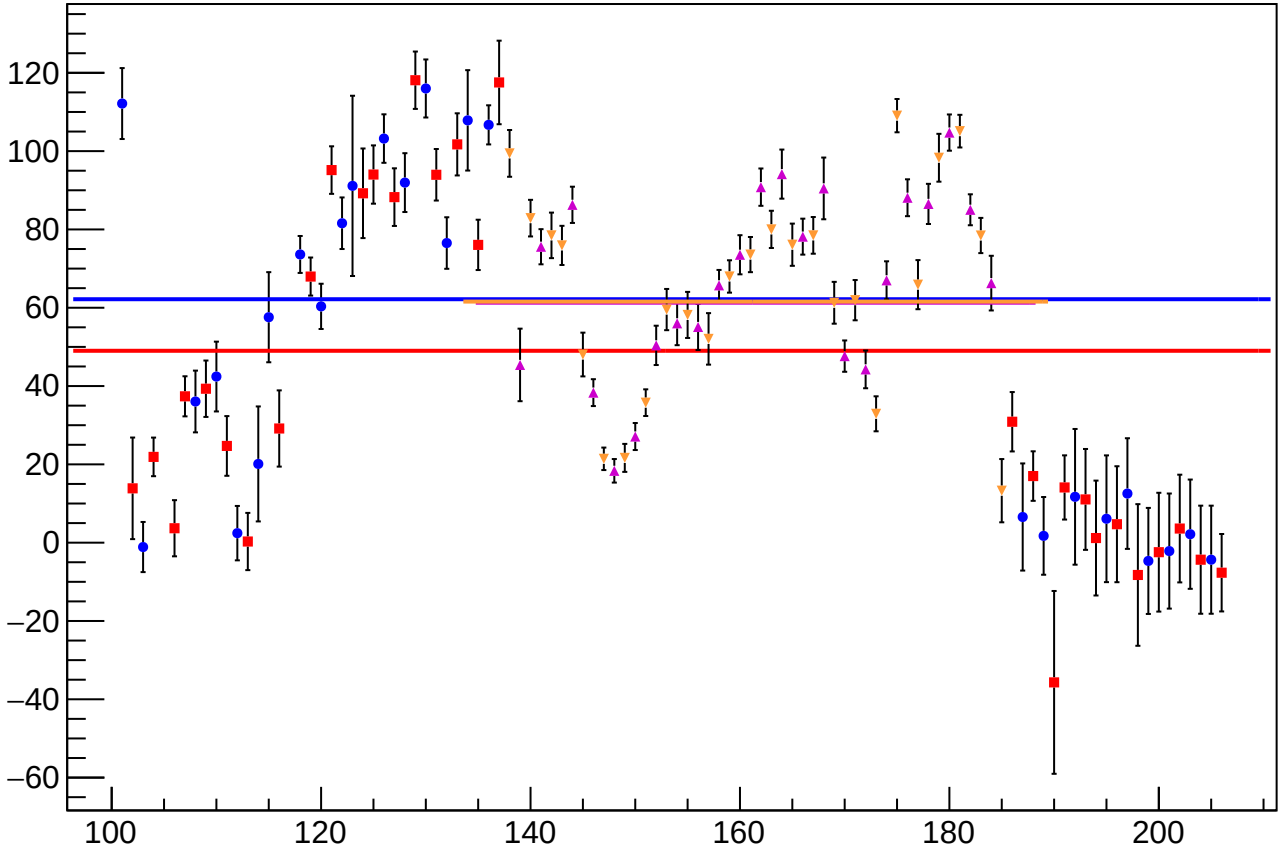
Right: 338.900+/-1.099 χ^2/NDF: 13786.7/55

In: 270.946+/-0.939 χ^2/NDF:8506.8/48

Out: 279.044+/-0.849 χ^2/NDF:15071.8/54

All: 275.403+/-0.630 χ^2/NDF: 23619.5/103

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.177+/-1.628 χ^2/NDF: 623.5/25

Left Out: 61.575+/-0.939 χ^2/NDF:870.3/24

Right Out: 49.008+/-1.448 χ^2/NDF: 703.3/29

Left In: 61.286+/-0.959 χ^2/NDF:702.8/22

Left: 61.434+/-0.671 χ^2/NDF: 1573.1/47

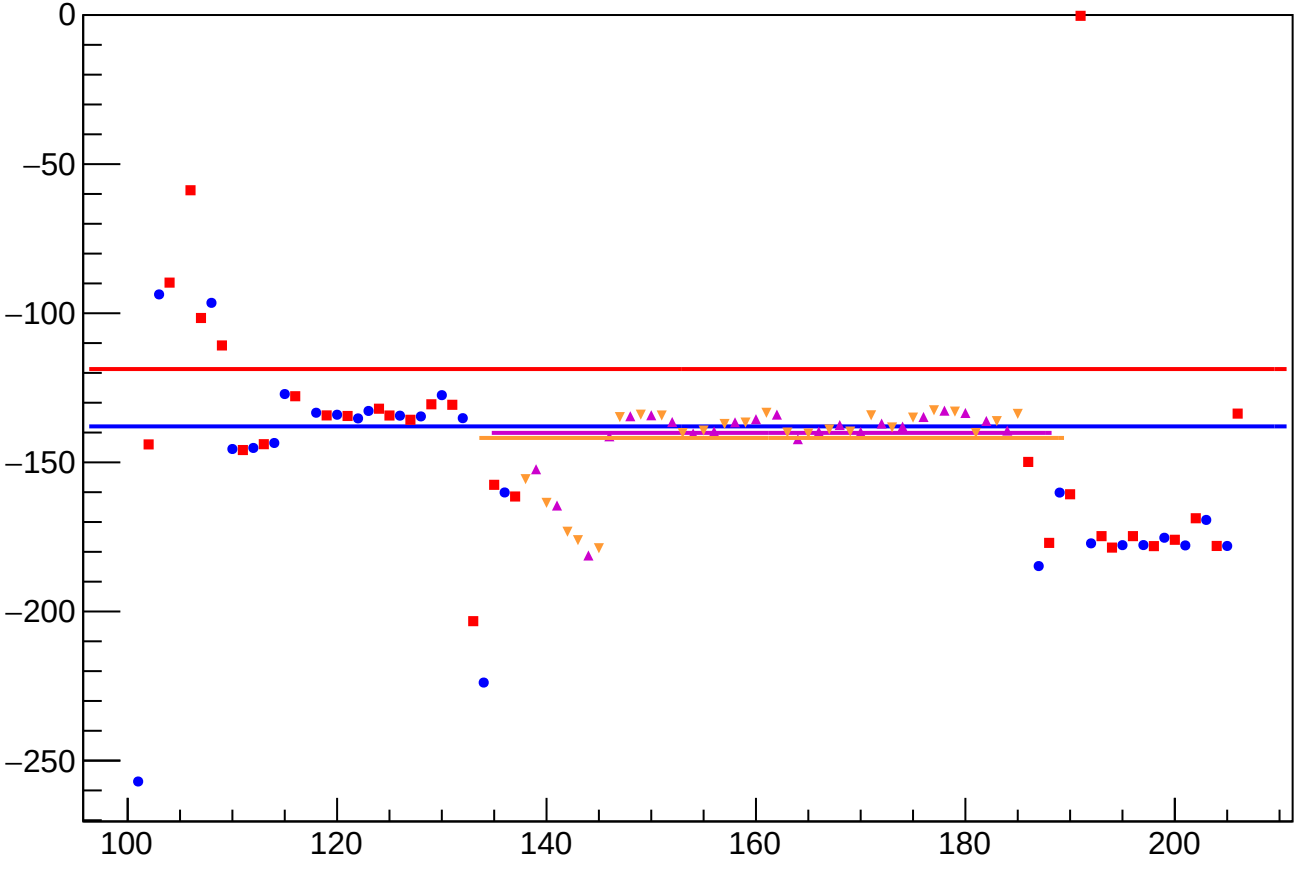
Right: 54.823+/-1.082 χ^2/NDF: 1363.3/55

In: 61.516+/-0.826 χ^2/NDF:1326.5/48

Out: 57.854+/-0.788 χ^2/NDF:1626.6/54

All: 59.598+/-0.570 χ^2/NDF: 2963.4/103

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -137.936+/-0.079 χ^2/NDF: 232580.5/25

Left Out: -141.811+/-0.045 χ^2/NDF:77727.6/24

Right Out: -118.710+/-0.067 χ^2/NDF: 586935.2/29

Left In: -140.112+/-0.045 χ^2/NDF:48400.6/22

Left: -140.962+/-0.032 χ^2/NDF: 126846.5/47

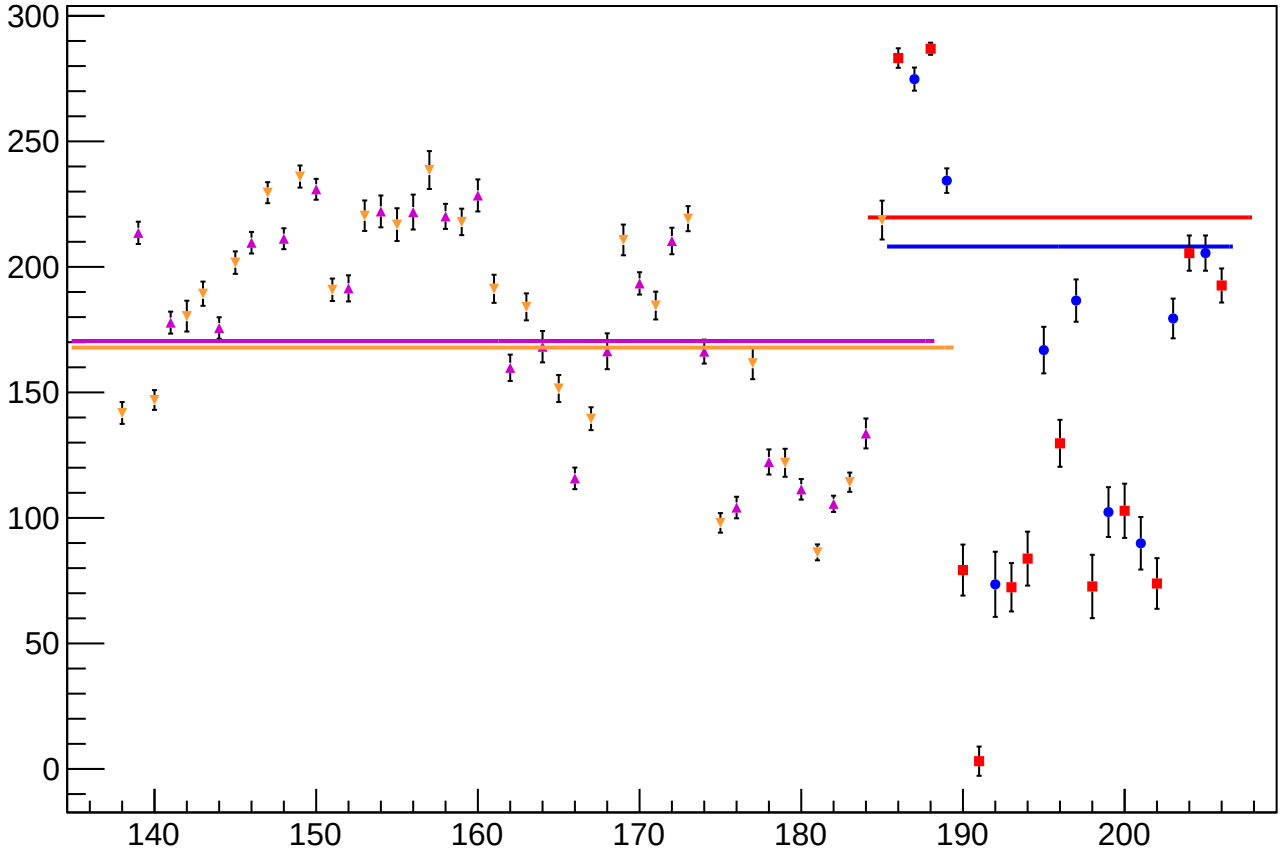
Right: -126.858+/-0.051 χ^2/NDF: 854061.4/55

In: -139.577+/-0.039 χ^2/NDF:281560.5/48

Out: -134.721+/-0.037 χ^2/NDF:746235.2/54

All: -137.045+/-0.027 χ^2/NDF: 1035905.8/10

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 208.108+/-2.382 χ^2/NDF: 627.5/8

Left Out: 167.868+/-0.973 χ^2/NDF:2465.4/24

Right Out: 219.708+/-1.633 χ^2/NDF: 3586.2/11

Left In: 170.487+/-0.991 χ^2/NDF:2036.5/22

Left: 169.154+/-0.695 χ^2/NDF: 4505.5/47

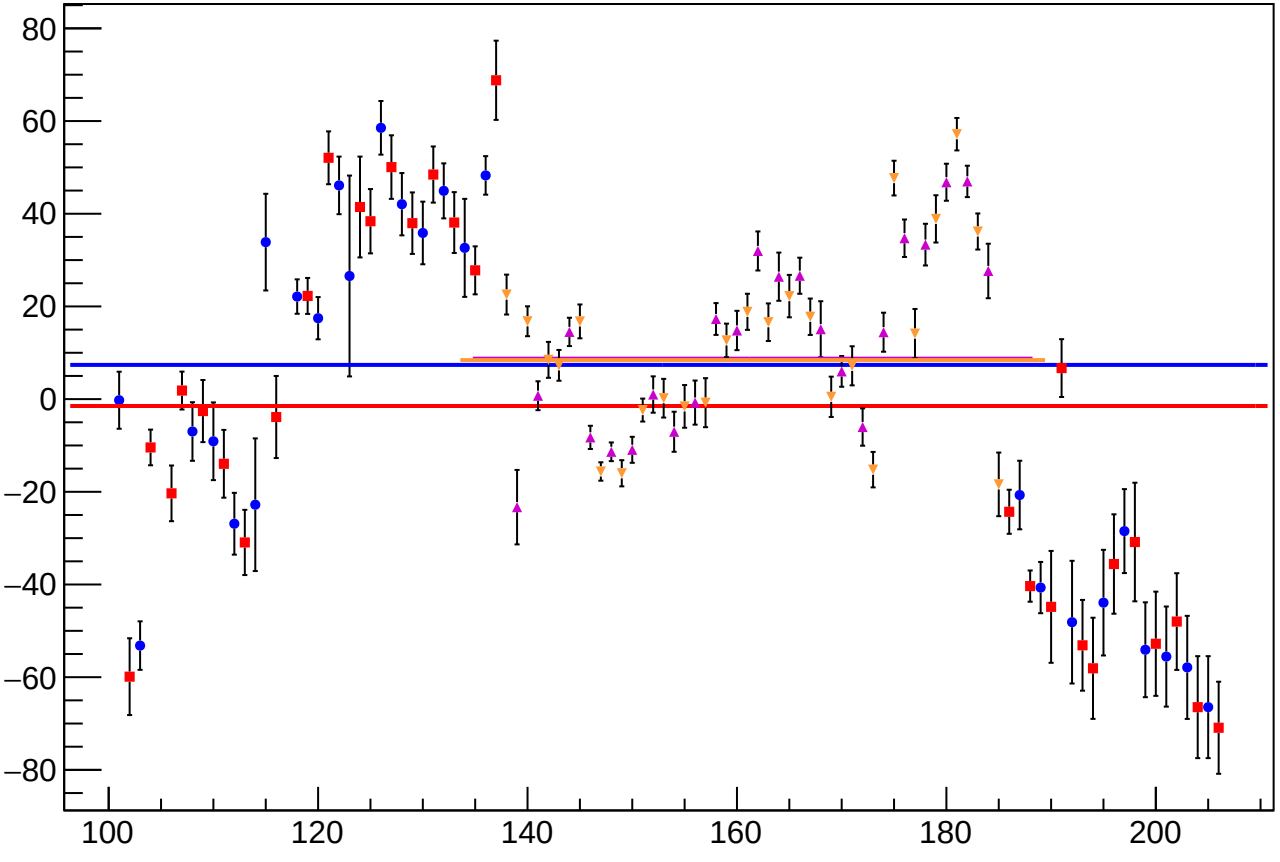
Right: 215.999+/-1.347 χ^2/NDF: 4229.8/20

In: 176.040+/-0.915 χ^2/NDF:2876.6/31

Out: 181.459+/-0.836 χ^2/NDF:6795.2/36

All: 178.994+/-0.617 χ^2/NDF: 9690.9/68

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.384+/-1.327 χ^2/NDF: 800.0/25

Left Out: 8.415+/-0.731 χ^2/NDF:750.6/24

Right Out: -1.483+/-1.155 χ^2/NDF: 921.2/29

Left In: 8.730+/-0.757 χ^2/NDF:630.1/22

Left: 8.567+/-0.526 χ^2/NDF: 1380.7/47

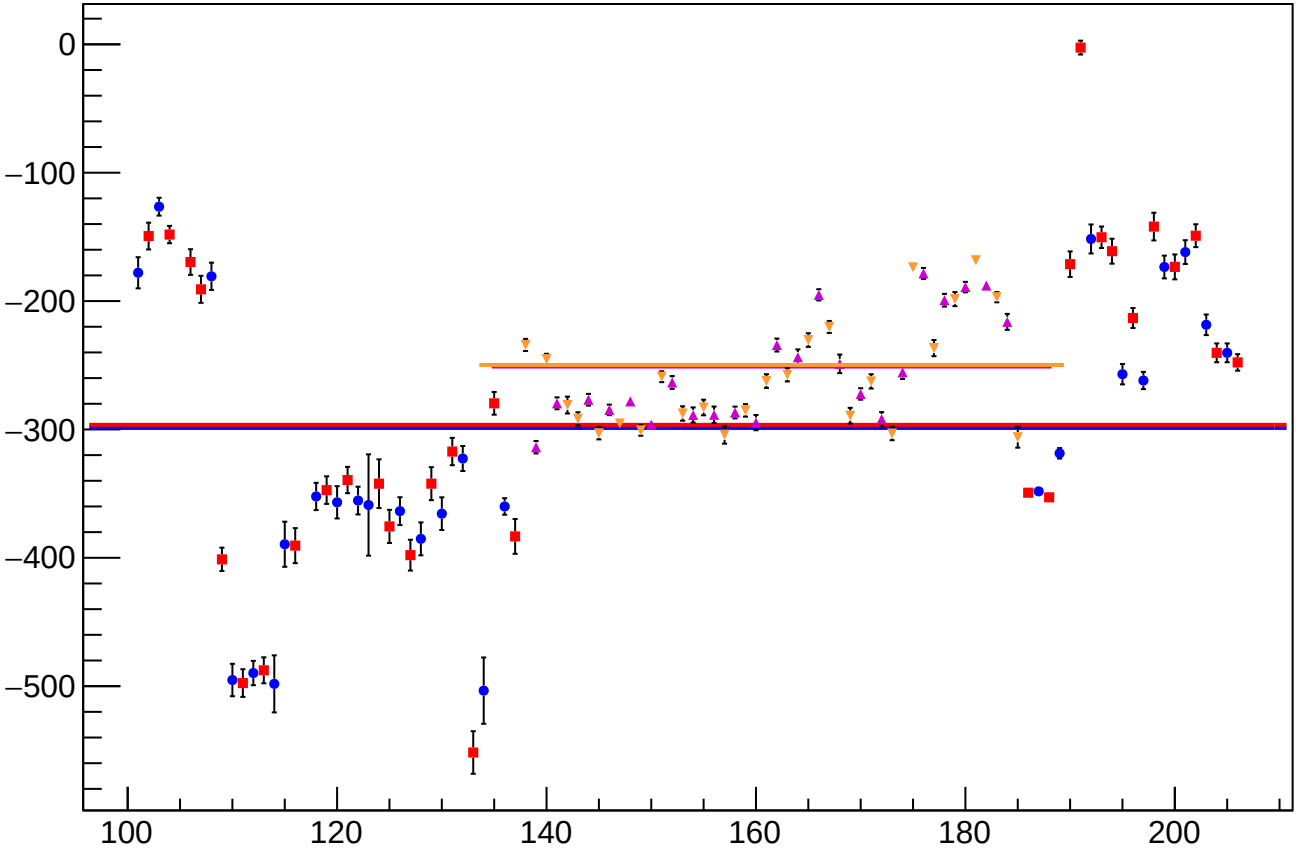
Right: 2.339+/-0.871 χ^2/NDF: 1746.6/55

In: 8.400+/-0.657 χ^2/NDF:1430.9/48

Out: 5.585+/-0.618 χ^2/NDF:1724.2/54

All: 6.905+/-0.450 χ^2/NDF: 3164.8/103

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -298.817+/-1.632 χ^2/NDF: 2942.1/25

Left Out: -249.759+/-0.975 χ^2/NDF:2232.5/24

Right Out: -296.404+/-1.206 χ^2/NDF: 7915.7/29

Left In: -251.002+/-0.987 χ^2/NDF:1958.3/22

Left: -250.374+/-0.694 χ^2/NDF: 4191.7/47

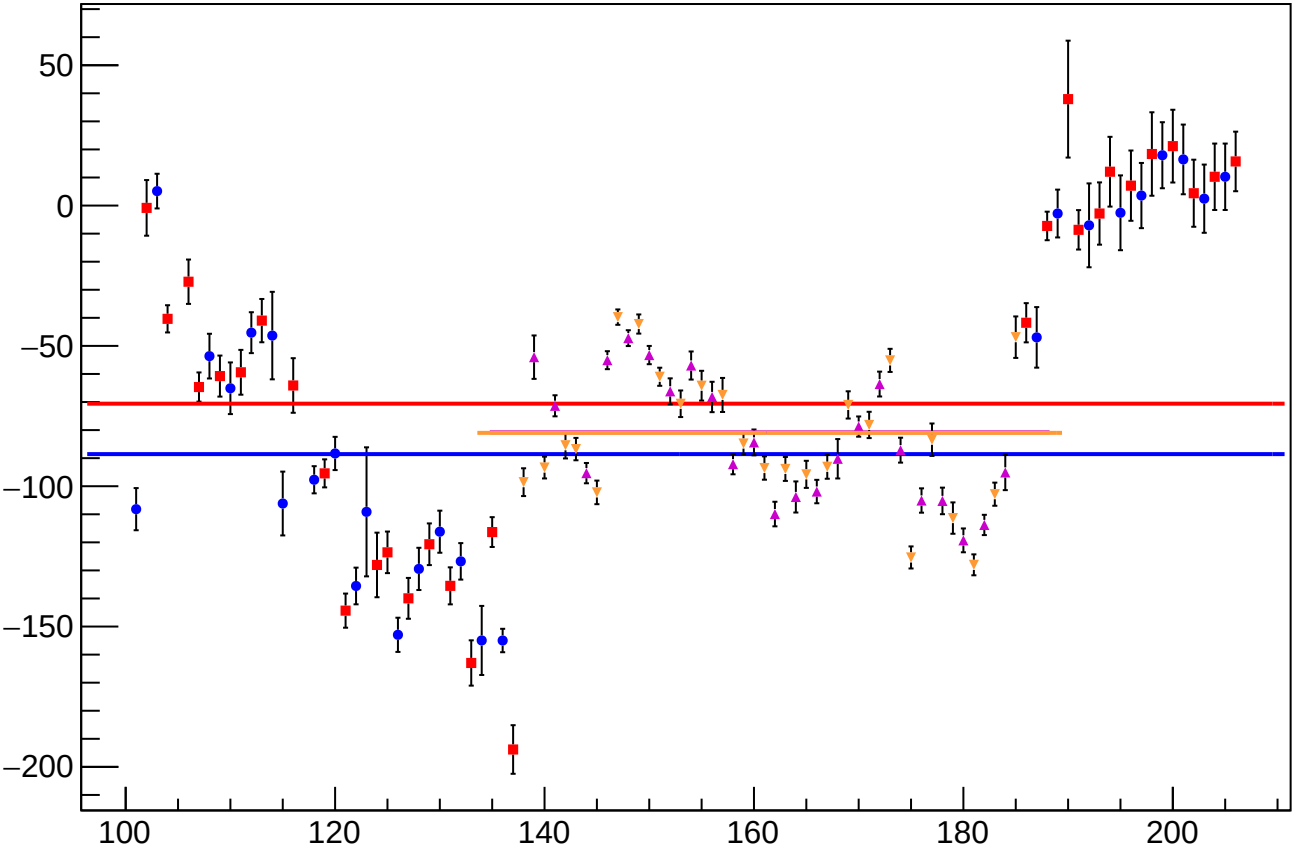
Right: -297.256+/-0.970 χ^2/NDF: 10859.3/55

In: -263.801+/-0.844 χ^2/NDF:5529.0/48

Out: -268.207+/-0.758 χ^2/NDF:11053.1/54

All: -266.241+/-0.564 χ^2/NDF: 16597.2/103

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -88.559+/-1.550 χ^2/NDF: 1364.9/25

Left Out: -80.981+/-0.846 χ^2/NDF:911.2/24

Right Out: -70.587+/-1.386 χ^2/NDF: 1662.4/29

Left In: -80.803+/-0.870 χ^2/NDF:695.4/22

Left: -80.895+/-0.606 χ^2/NDF: 1606.6/47

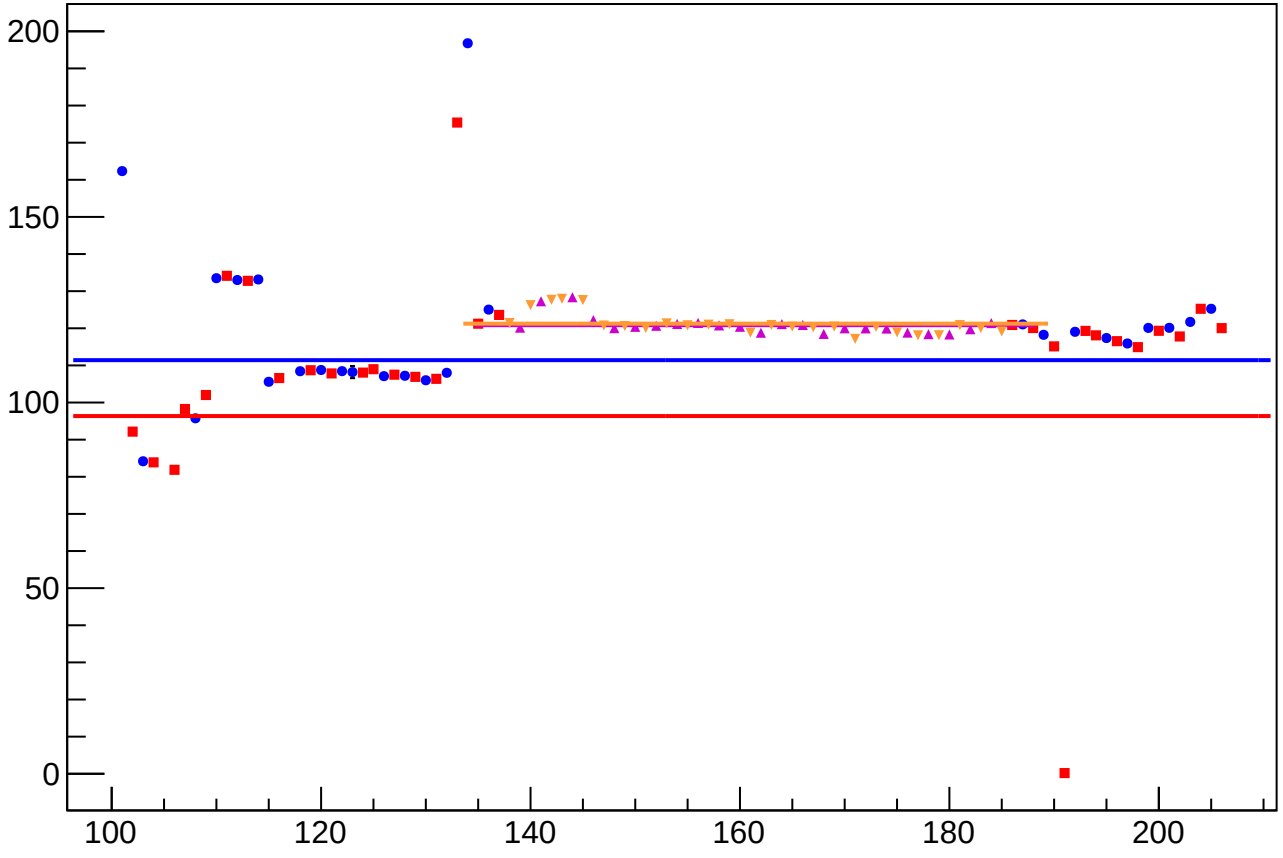
Right: -78.572+/-1.033 χ^2/NDF: 3102.0/55

In: -82.660+/-0.758 χ^2/NDF:2079.3/48

Out: -78.159+/-0.722 χ^2/NDF:2614.6/54

All: -80.299+/-0.523 χ^2/NDF: 4712.4/103

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 111.416+/-0.073 χ^2/NDF: 78142.2/25

Left Out: 121.248+/-0.040 χ^2/NDF:4820.1/24

Right Out: 96.360+/-0.062 χ^2/NDF: 346234.1/29

Left In: 120.834+/-0.041 χ^2/NDF:3372.4/22

Left: 121.043+/-0.029 χ^2/NDF: 8245.1/47

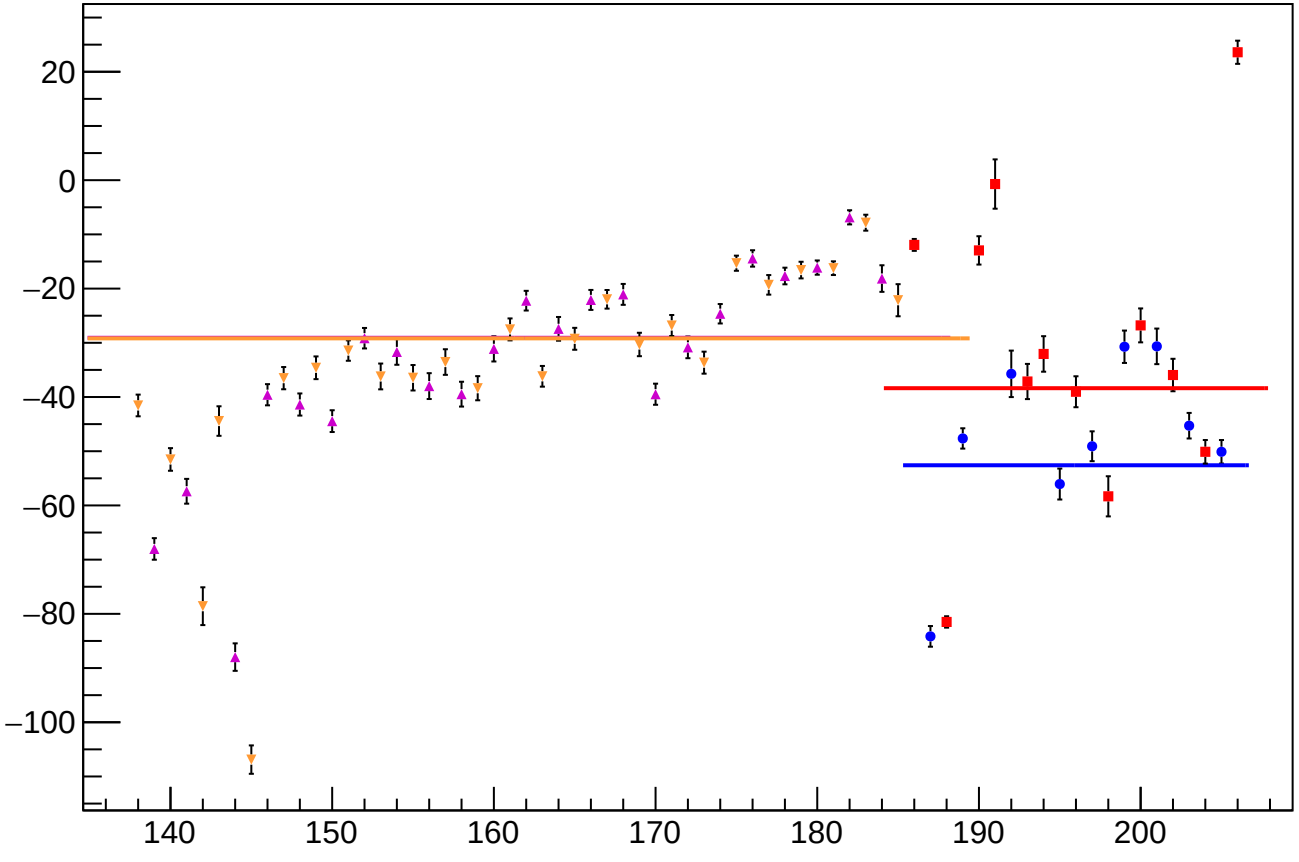
Right: 102.754+/-0.047 χ^2/NDF: 449142.8/55

In: 118.596+/-0.035 χ^2/NDF:94356.4/48

Out: 113.934+/-0.034 χ^2/NDF:463580.0/54

All: 116.159+/-0.024 χ^2/NDF: 567015.5/103

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -52.591+/-0.826 χ^2/NDF: 409.0/8

Left Out: -29.182+/-0.389 χ^2/NDF:1880.4/24

Right Out: -38.372+/-0.581 χ^2/NDF: 3348.3/11

Left In: -29.073+/-0.394 χ^2/NDF:1872.4/22

Left: -29.128+/-0.277 χ^2/NDF: 3752.8/47

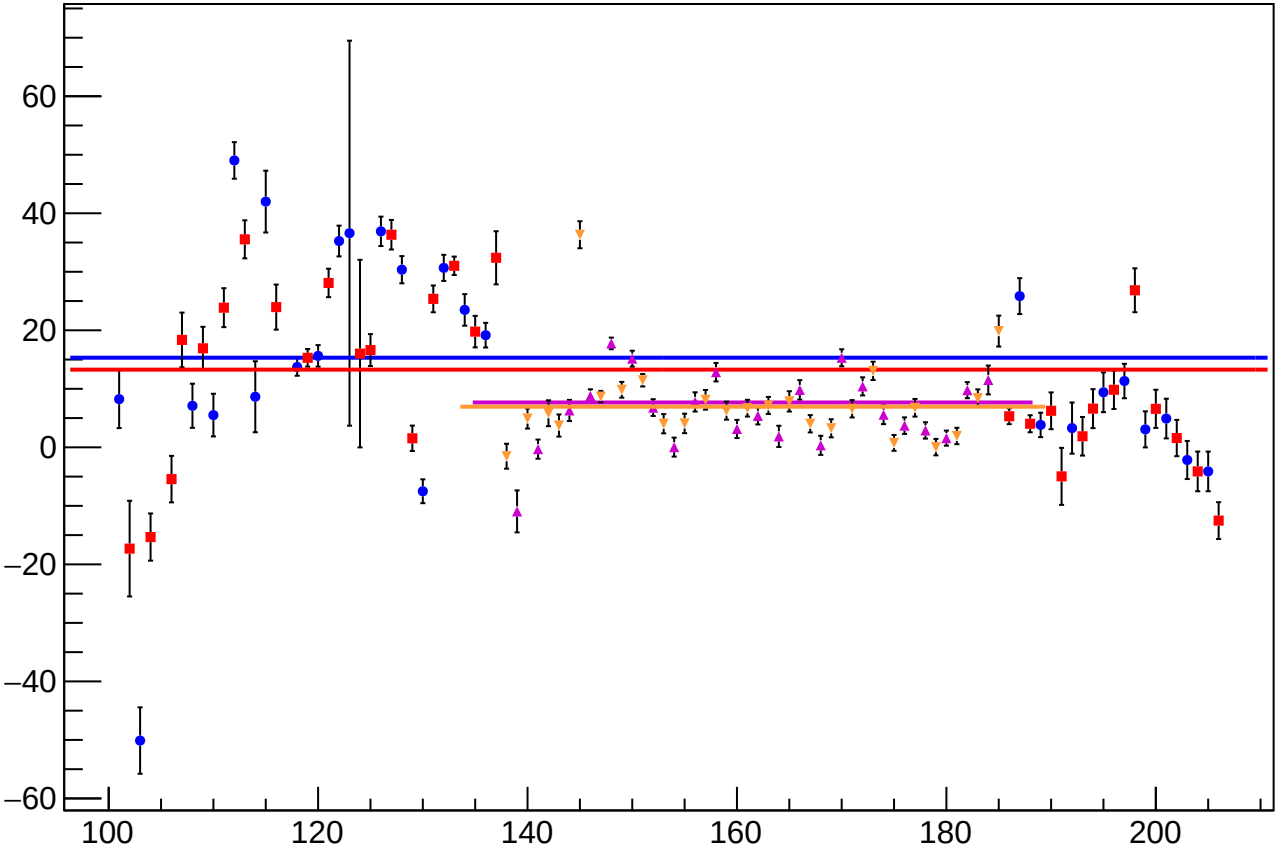
Right: -43.080+/-0.475 χ^2/NDF: 3955.5/20

In: -33.429+/-0.355 χ^2/NDF:2941.9/31

Out: -32.027+/-0.323 χ^2/NDF:5401.3/36

All: -32.662+/-0.239 χ^2/NDF: 8351.7/68

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.317+/-0.544 χ^2/NDF: 791.5/25

Left Out: 6.943+/-0.304 χ^2/NDF:322.6/24

Right Out: 13.278+/-0.482 χ^2/NDF: 721.9/29

Left In: 7.666+/-0.313 χ^2/NDF:341.1/22

Left: 7.294+/-0.218 χ^2/NDF: 666.5/47

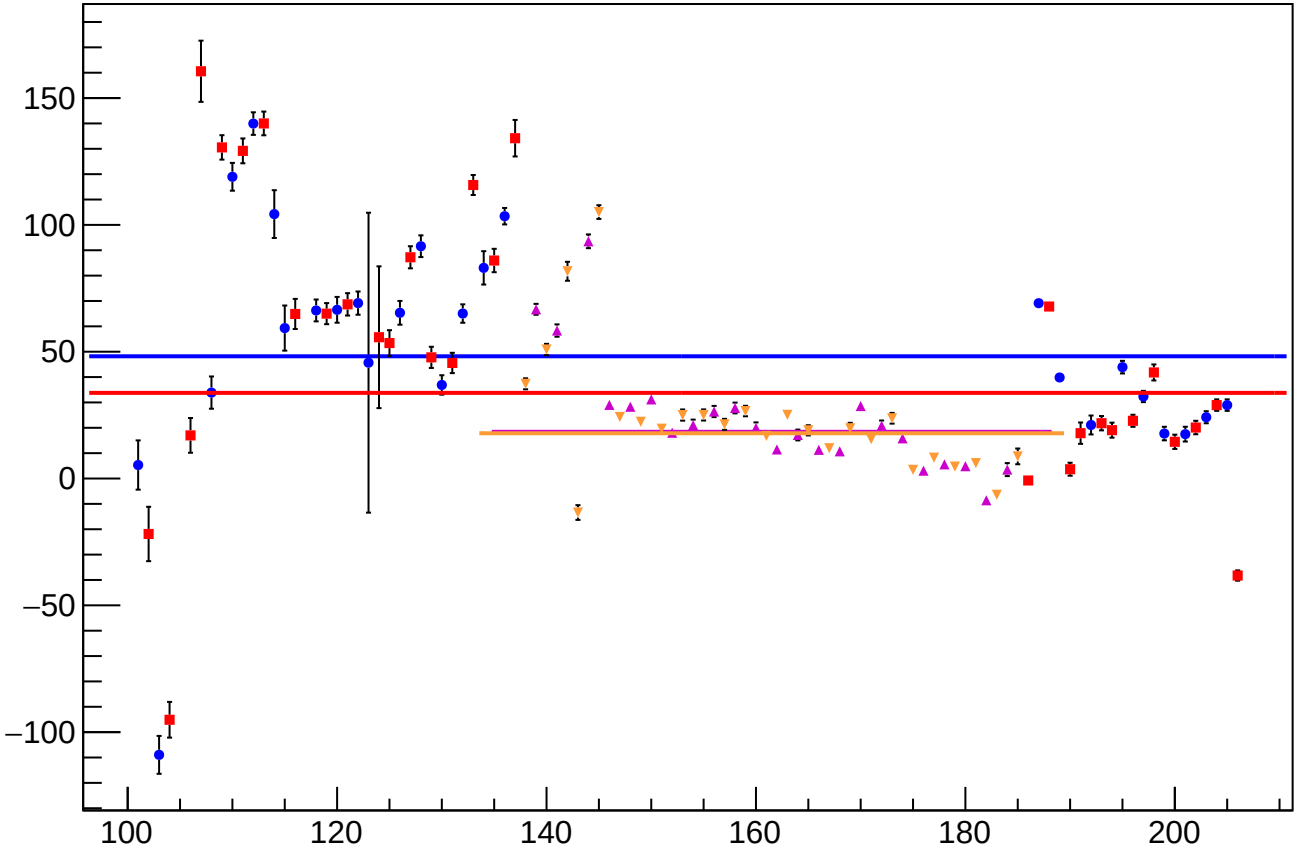
Right: 14.174+/-0.361 χ^2/NDF: 1521.4/55

In: 9.566+/-0.271 χ^2/NDF:1281.3/48

Out: 8.745+/-0.257 χ^2/NDF:1168.4/54

All: 9.133+/-0.186 χ^2/NDF: 2454.5/103

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 48.194+/-0.628 χ^2/NDF: 2339.2/25

Left Out: 17.841+/-0.388 χ^2/NDF:2399.7/24

Right Out: 33.774+/-0.457 χ^2/NDF: 7591.0/29

Left In: 18.416+/-0.391 χ^2/NDF:2468.4/22

Left: 18.126+/-0.275 χ^2/NDF: 4869.1/47

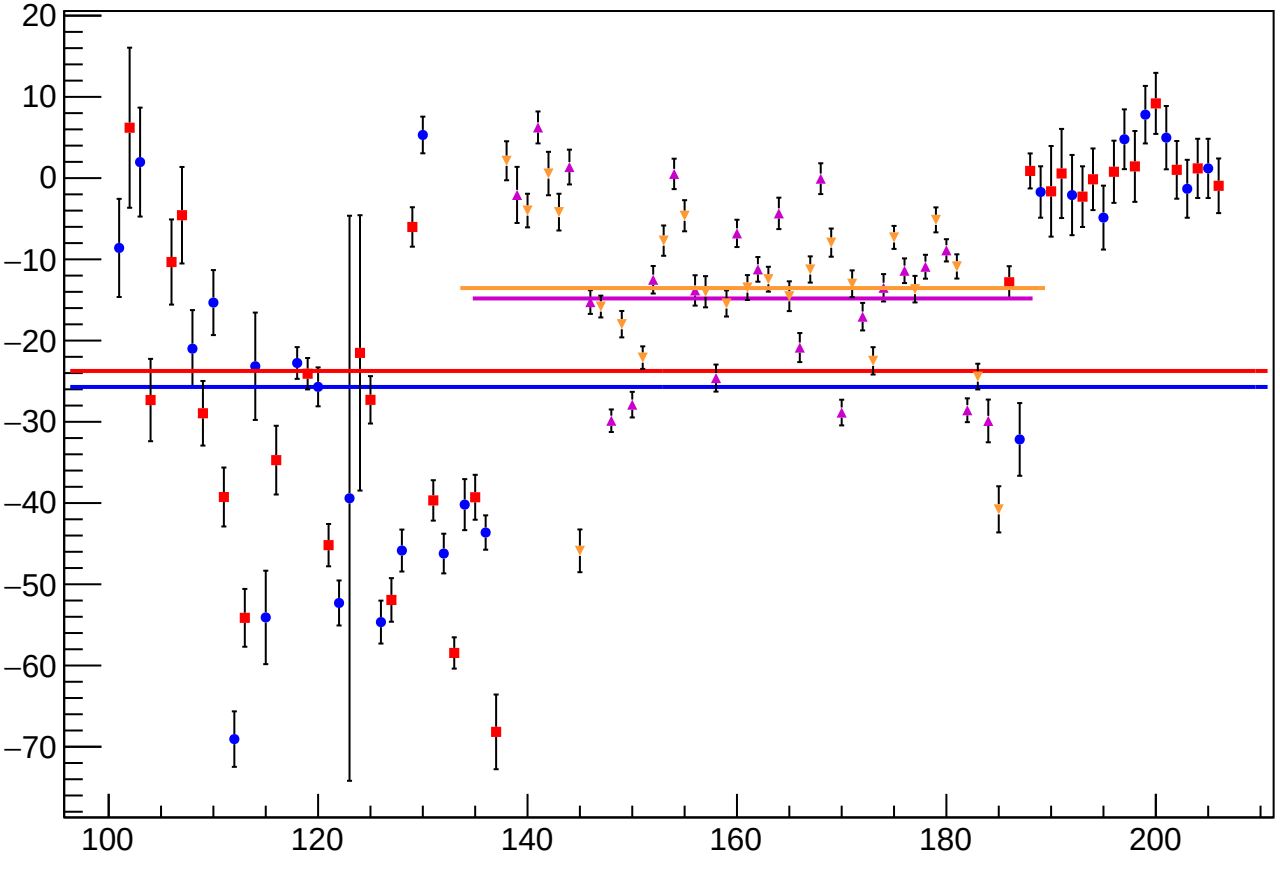
Right: 38.756+/-0.369 χ^2/NDF: 10274.7/55

In: 26.733+/-0.332 χ^2/NDF:6425.5/48

Out: 24.518+/-0.296 χ^2/NDF:10697.9/54

All: 25.497+/-0.221 χ^2/NDF: 17148.2/103

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.709+/-0.636 χ^2/NDF: 1278.4/25

Left Out: -13.535+/-0.345 χ^2/NDF:574.6/24

Right Out: -23.739+/-0.582 χ^2/NDF: 1410.4/29

Left In: -14.815+/-0.353 χ^2/NDF:838.2/22

Left: -14.159+/-0.247 χ^2/NDF: 1419.5/47

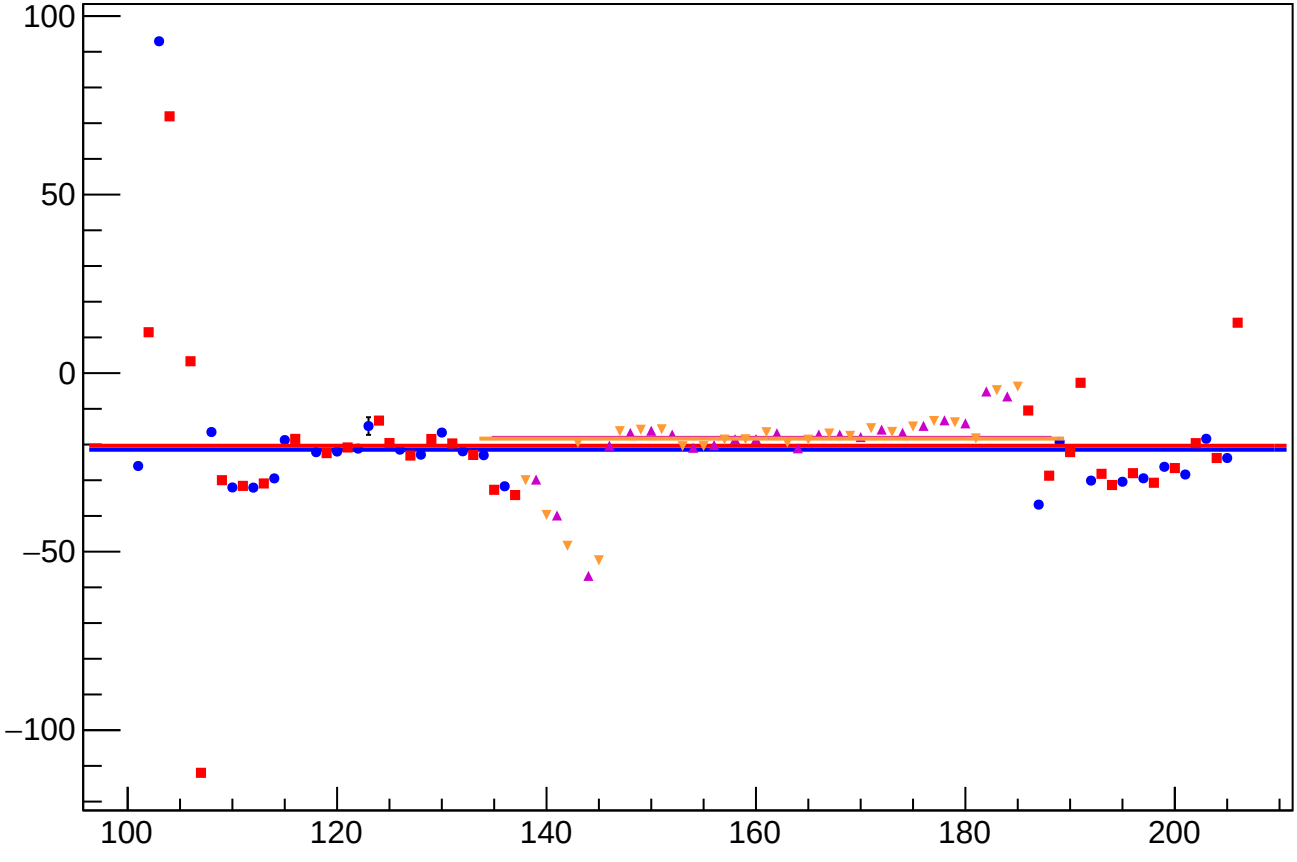
Right: -24.637+/-0.429 χ^2/NDF: 2694.1/55

In: -17.383+/-0.309 χ^2/NDF:2341.0/48

Out: -16.185+/-0.297 χ^2/NDF:2212.6/54

All: -16.760+/-0.214 χ^2/NDF: 4561.4/103

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.456+/-0.031 χ^2/NDF: 511119.5/25

Left Out: -18.337+/-0.016 χ^2/NDF:283793.3/24

Right Out: -20.335+/-0.028 χ^2/NDF: 560006.8/29

Left In: -18.135+/-0.016 χ^2/NDF:245650.3/22

Left: -18.237+/-0.011 χ^2/NDF: 529524.6/47

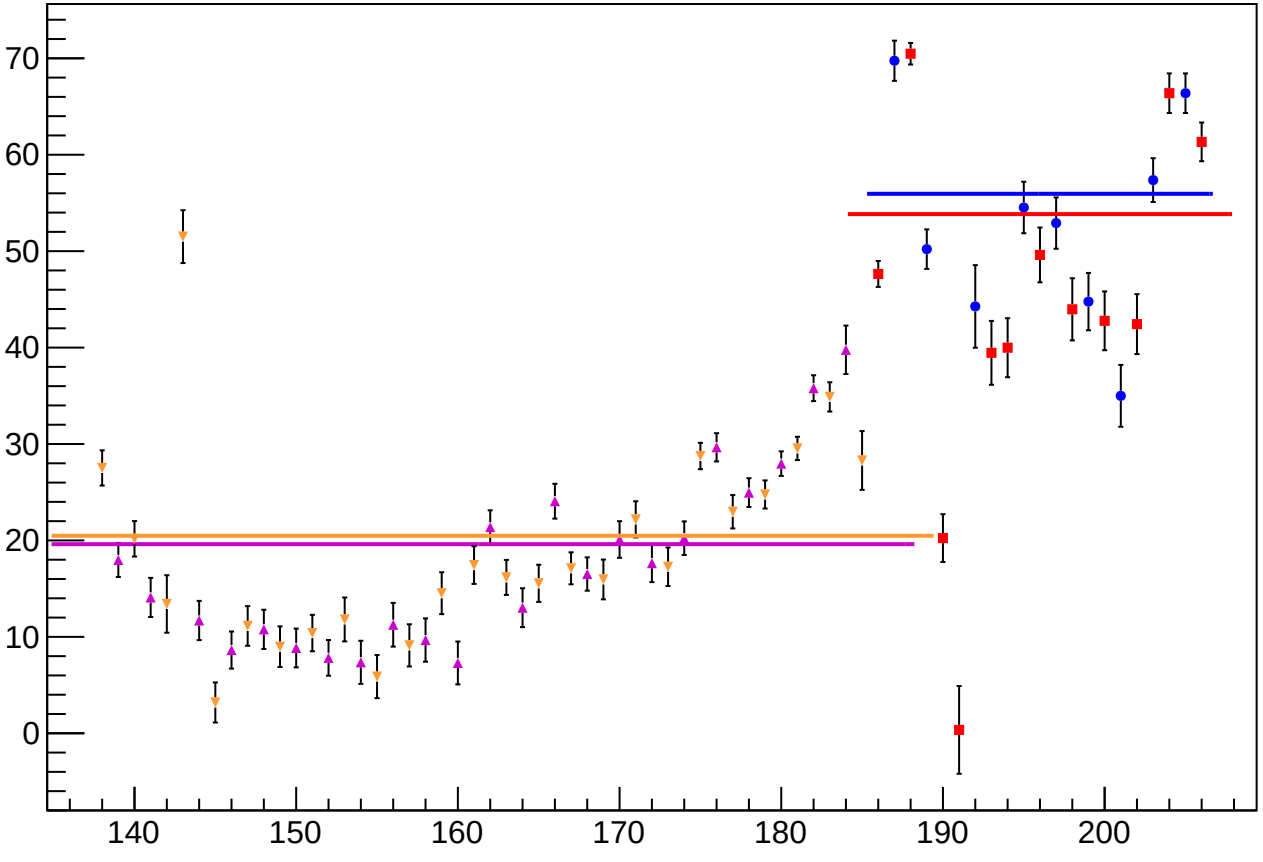
Right: -20.838+/-0.021 χ^2/NDF: 1071842.0/55

In: -18.831+/-0.014 χ^2/NDF:765781.0/48

Out: -18.822+/-0.014 χ^2/NDF:847644.0/54

All: -18.826+/-0.010 χ^2/NDF: 1613425.2/103

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 55.949+/-0.832 χ^2/NDF: 143.7/8

Left Out: 20.485+/-0.374 χ^2/NDF:615.7/24

Right Out: 53.846+/-0.611 χ^2/NDF: 693.1/11

Left In: 19.612+/-0.379 χ^2/NDF:572.7/22

Left: 20.054+/-0.266 χ^2/NDF: 1191.1/47

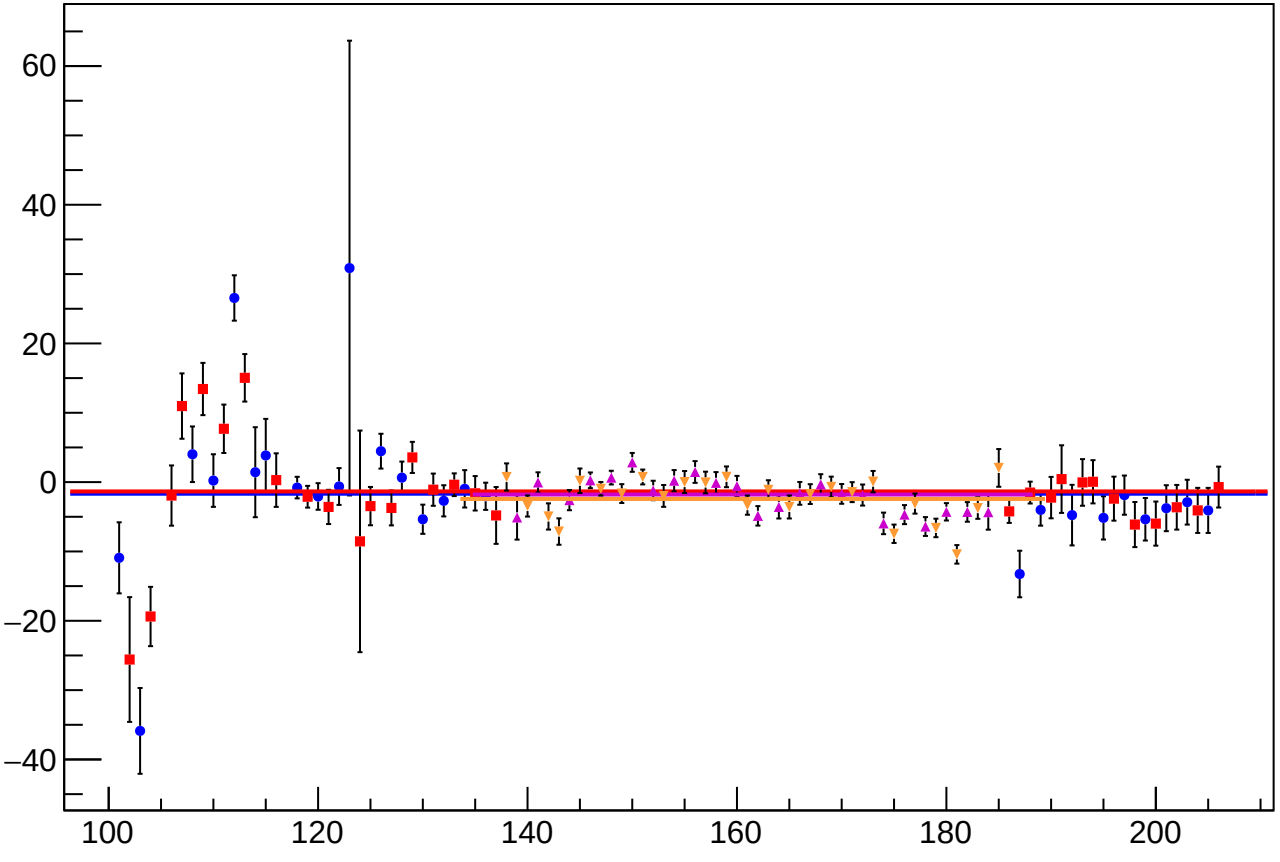
Right: 54.583+/-0.492 χ^2/NDF: 841.0/20

In: 25.850+/-0.345 χ^2/NDF:2297.5/31

Out: 29.566+/-0.319 χ^2/NDF:3478.8/36

All: 27.853+/-0.234 χ^2/NDF: 5839.0/68

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.673+/-0.551 χ^2/NDF: 140.9/25

Left Out: -2.429+/-0.293 χ^2/NDF:103.7/24

Right Out: -1.344+/-0.499 χ^2/NDF: 94.9/29

Left In: -1.791+/-0.301 χ^2/NDF:70.1/22

Left: -2.119+/-0.210 χ^2/NDF: 176.1/47

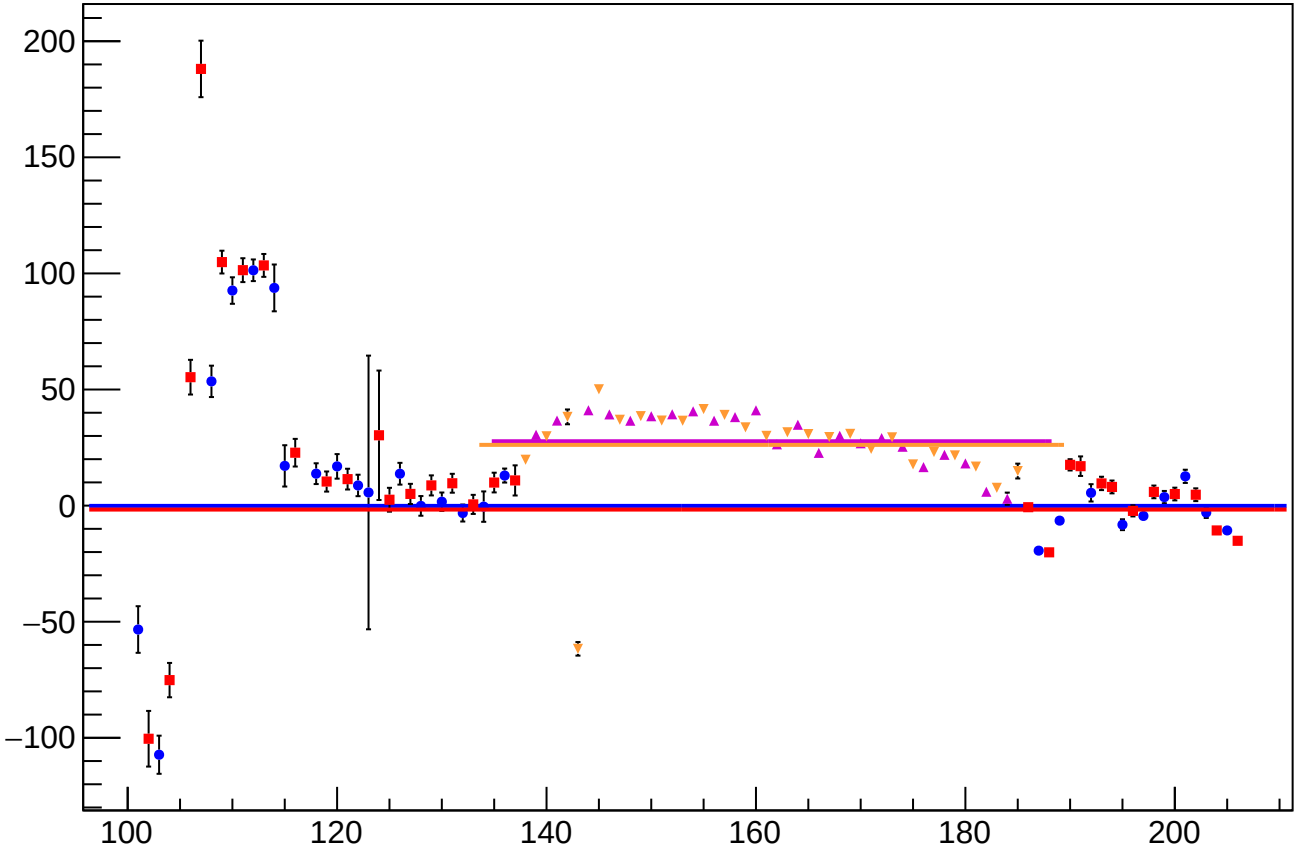
Right: -1.492+/-0.370 χ^2/NDF: 235.9/55

In: -1.764+/-0.264 χ^2/NDF:211.0/48

Out: -2.151+/-0.253 χ^2/NDF:202.1/54

All: -1.966+/-0.183 χ^2/NDF: 414.2/103

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.113+/-0.638 χ^2/NDF: 1347.4/25

Left Out: 26.164+/-0.373 χ^2/NDF:1577.6/24

Right Out: -1.705+/-0.483 χ^2/NDF: 2475.0/29

Left In: 27.725+/-0.377 χ^2/NDF:805.1/22

Left: 26.936+/-0.265 χ^2/NDF: 2391.3/47

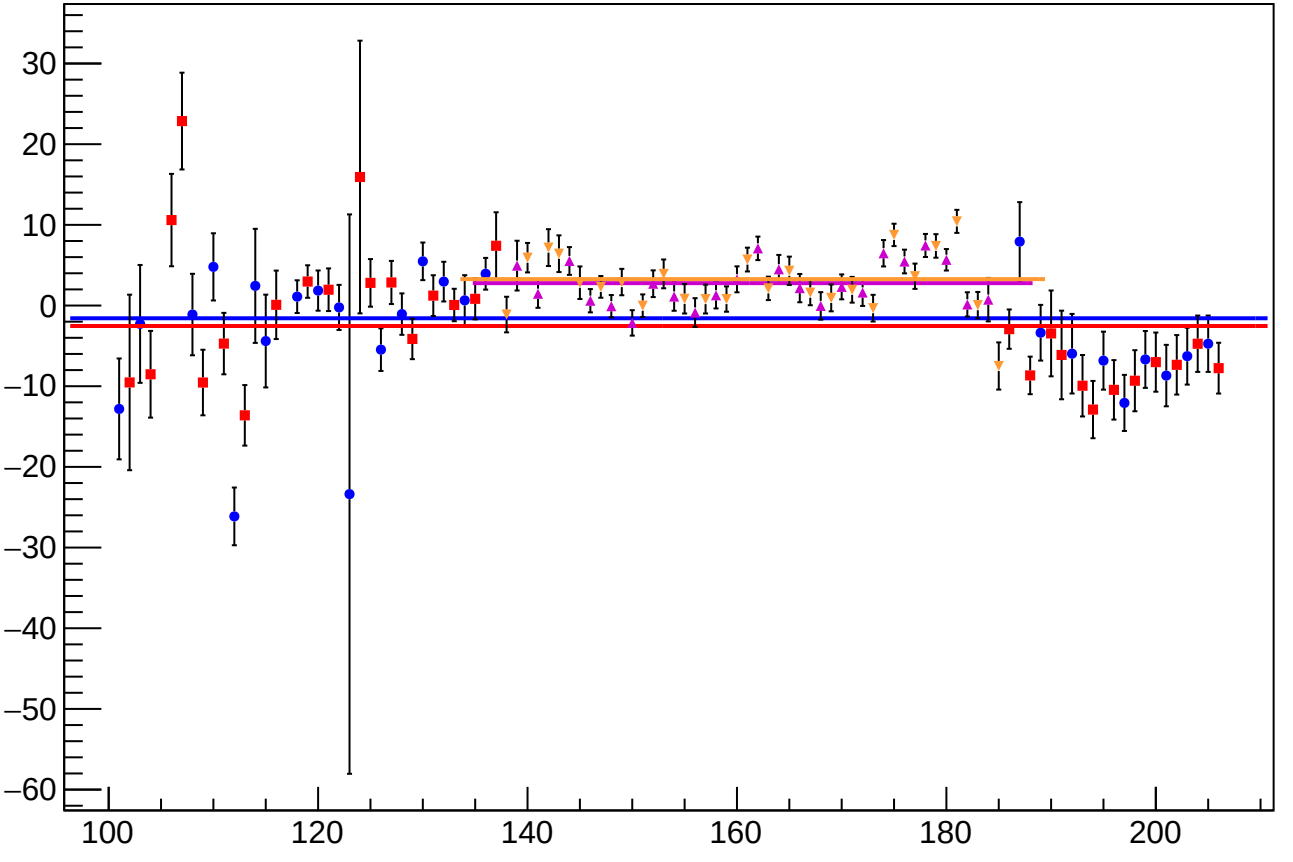
Right: -1.125+/-0.385 χ^2/NDF: 3826.3/55

In: 20.536+/-0.324 χ^2/NDF:3563.1/48

Out: 15.766+/-0.295 χ^2/NDF:6137.1/54

All: 17.927+/-0.218 χ^2/NDF: 9818.4/103

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.578+/-0.639 χ^2/NDF: 104.9/25

Left Out: 3.275+/-0.332 χ^2/NDF:101.8/24

Right Out: -2.535+/-0.595 χ^2/NDF: 101.8/29

Left In: 2.777+/-0.340 χ^2/NDF:66.5/22

Left: 3.032+/-0.238 χ^2/NDF: 169.4/47

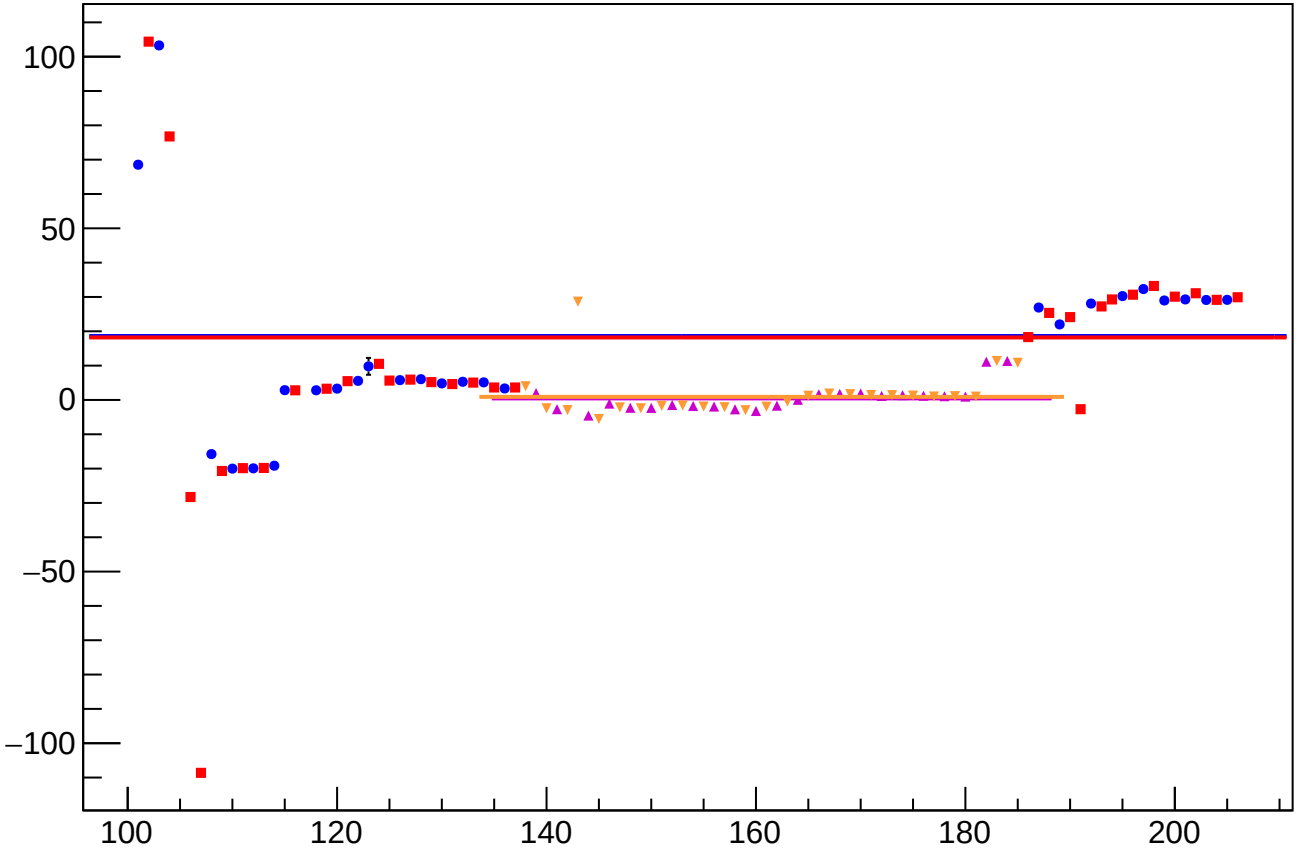
Right: -2.091+/-0.436 χ^2/NDF: 208.0/55

In: 1.815+/-0.300 χ^2/NDF:207.6/48

Out: 1.896+/-0.290 χ^2/NDF:276.3/54

All: 1.857+/-0.209 χ^2/NDF: 484.0/103

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 18.622+/-0.031 χ^2/NDF: 481323.8/25

Left Out: 0.898+/-0.015 χ^2/NDF:108195.0/24

Right Out: 18.206+/-0.028 χ^2/NDF: 724233.3/29

Left In: 0.448+/-0.015 χ^2/NDF:50533.6/22

Left: 0.675+/-0.011 χ^2/NDF: 159162.0/47

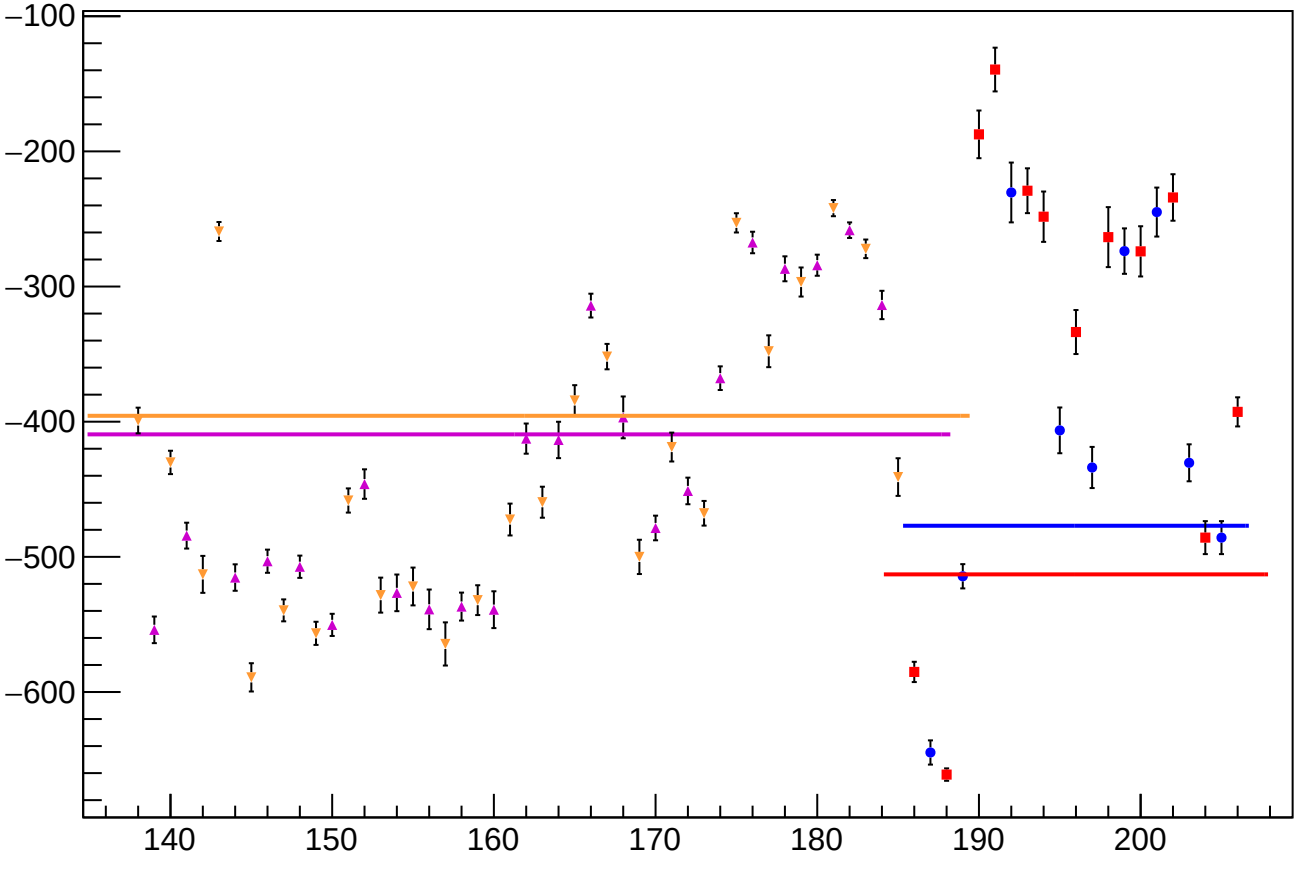
Right: 18.394+/-0.021 χ^2/NDF: 1205657.3/55

In: 4.064+/-0.014 χ^2/NDF:810528.2/48

Out: 4.858+/-0.013 χ^2/NDF:1128636.7/54

All: 4.473+/-0.010 χ^2/NDF: 1940880.5/103

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -476.989+/-4.330 χ^2/NDF: 839.3/8

Left Out: -395.638+/-1.909 χ^2/NDF:3704.0/24

Right Out: -512.960+/-3.069 χ^2/NDF: 3306.0/11

Left In: -409.377+/-1.971 χ^2/NDF:3096.1/22

Left: -402.287+/-1.371 χ^2/NDF: 6825.2/47

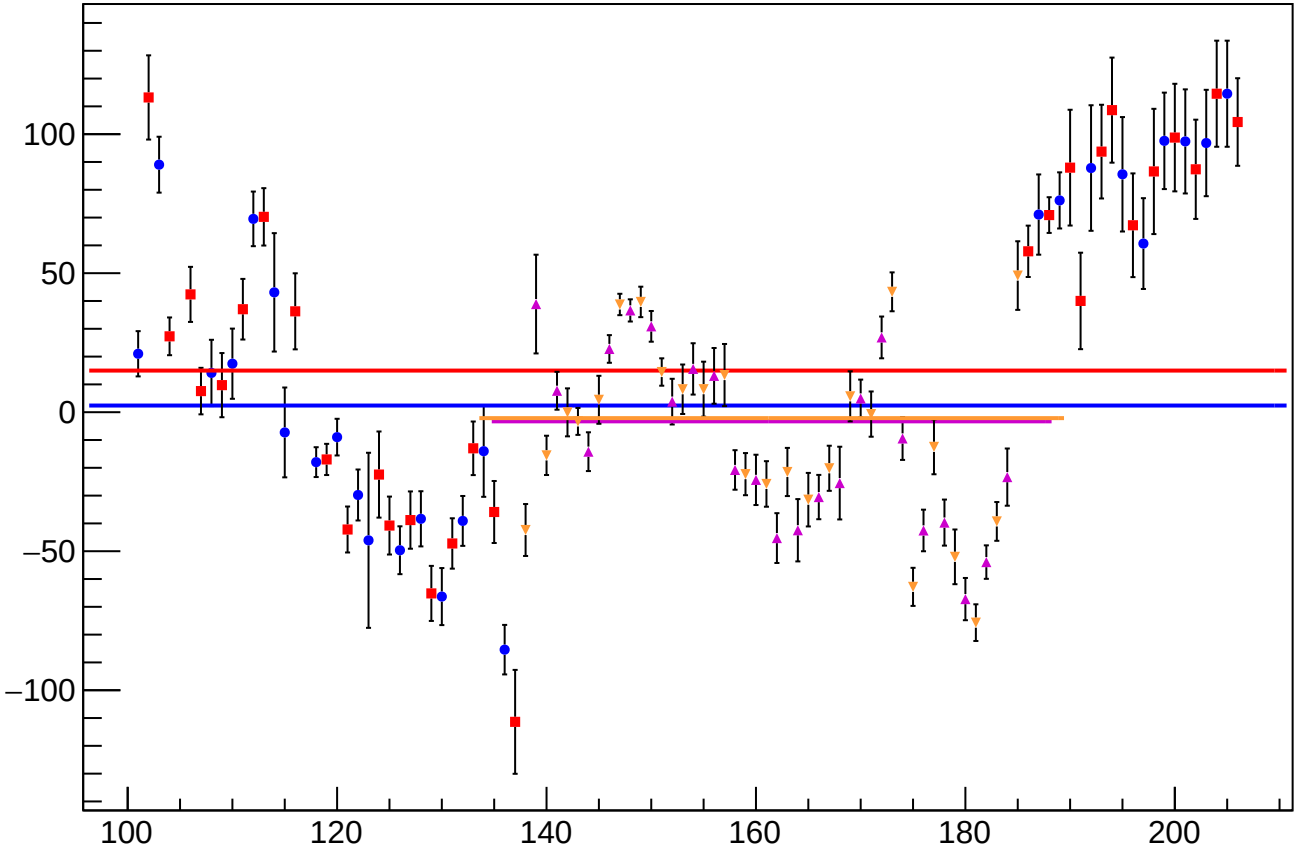
Right: -500.929+/-2.504 χ^2/NDF: 4191.2/20

In: -420.986+/-1.794 χ^2/NDF:4137.4/31

Out: -428.361+/-1.621 χ^2/NDF:8063.5/36

All: -425.046+/-1.203 χ^2/NDF: 12210.1/68

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.396+/-2.124 χ^2/NDF: 616.8/25

Left Out: -2.133+/-1.435 χ^2/NDF:562.8/24

Right Out: 14.971+/-1.962 χ^2/NDF: 689.6/29

Left In: -3.290+/-1.517 χ^2/NDF:454.5/22

Left: -2.680+/-1.042 χ^2/NDF: 1017.6/47

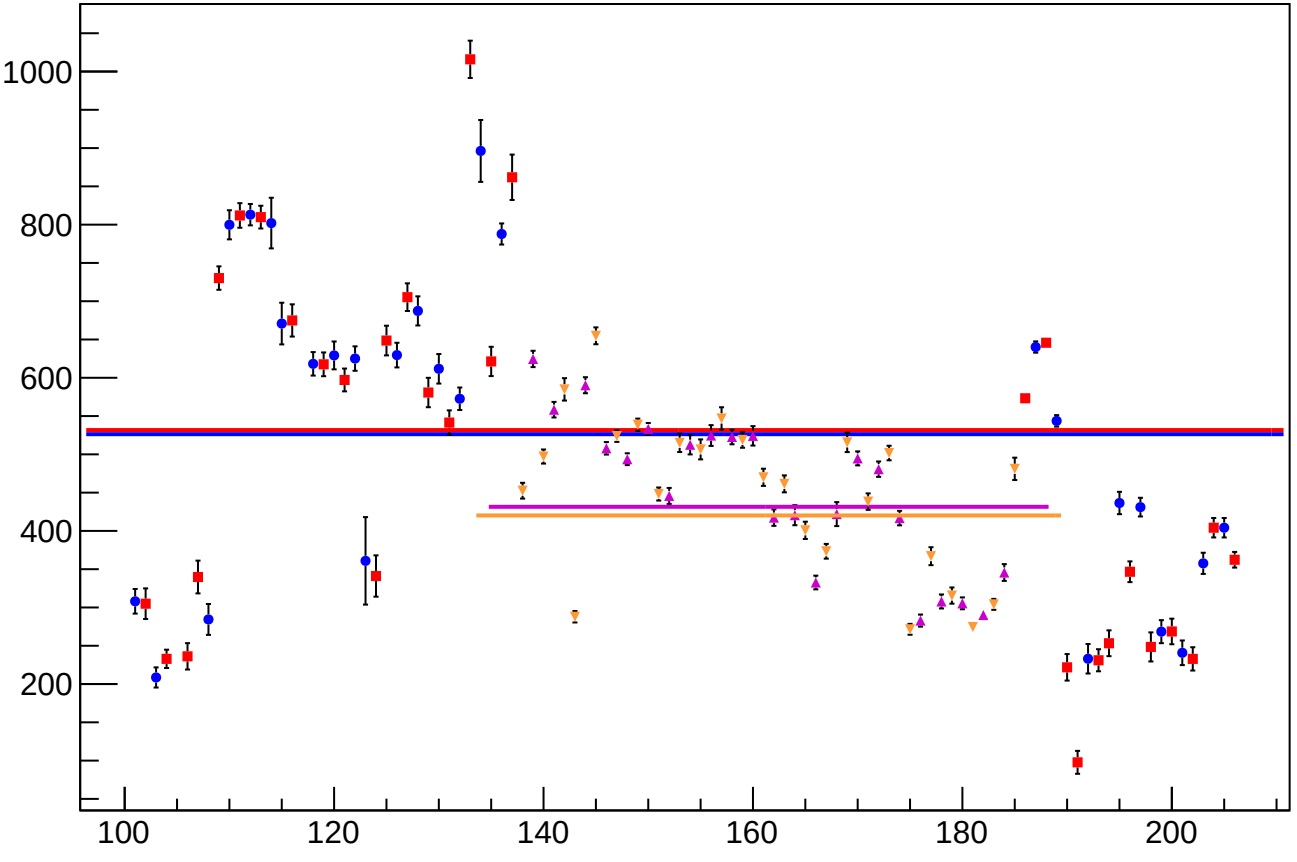
Right: 9.183+/-1.441 χ^2/NDF: 1325.4/55

In: -1.370+/-1.234 χ^2/NDF:1076.1/48

Out: 3.829+/-1.158 χ^2/NDF:1302.0/54

All: 1.394+/-0.845 χ^2/NDF: 2387.4/103

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 526.330+/-2.846 χ^2/NDF: 3761.9/25

Left Out: 420.181+/-1.916 χ^2/NDF:3241.0/24

Right Out: 531.723+/-2.197 χ^2/NDF: 7058.3/29

Left In: 431.487+/-1.964 χ^2/NDF:2897.1/22

Left: 425.693+/-1.371 χ^2/NDF: 6155.1/47

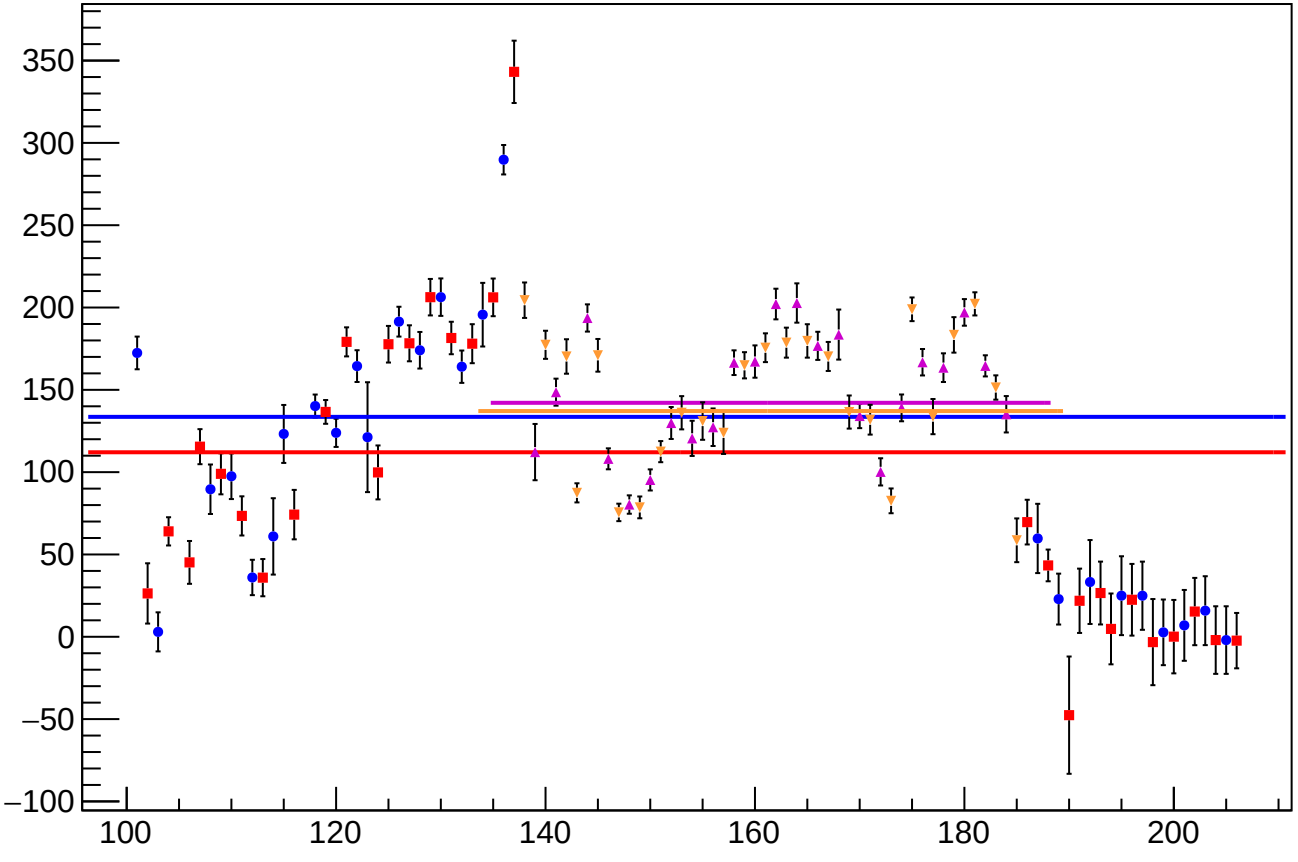
Right: 529.709+/-1.739 χ^2/NDF: 10822.4/55

In: 462.085+/-1.616 χ^2/NDF:7411.3/48

Out: 468.364+/-1.444 χ^2/NDF:11763.8/54

All: 465.578+/-1.077 χ^2/NDF: 19183.6/103

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 133.586+/-2.490 χ^2/NDF: 956.9/25

Left Out: 137.107+/-1.663 χ^2/NDF:738.9/24

Right Out: 112.076+/-2.333 χ^2/NDF: 962.1/29

Left In: 142.123+/-1.740 χ^2/NDF:463.8/22

Left: 139.501+/-1.202 χ^2/NDF: 1207.0/47

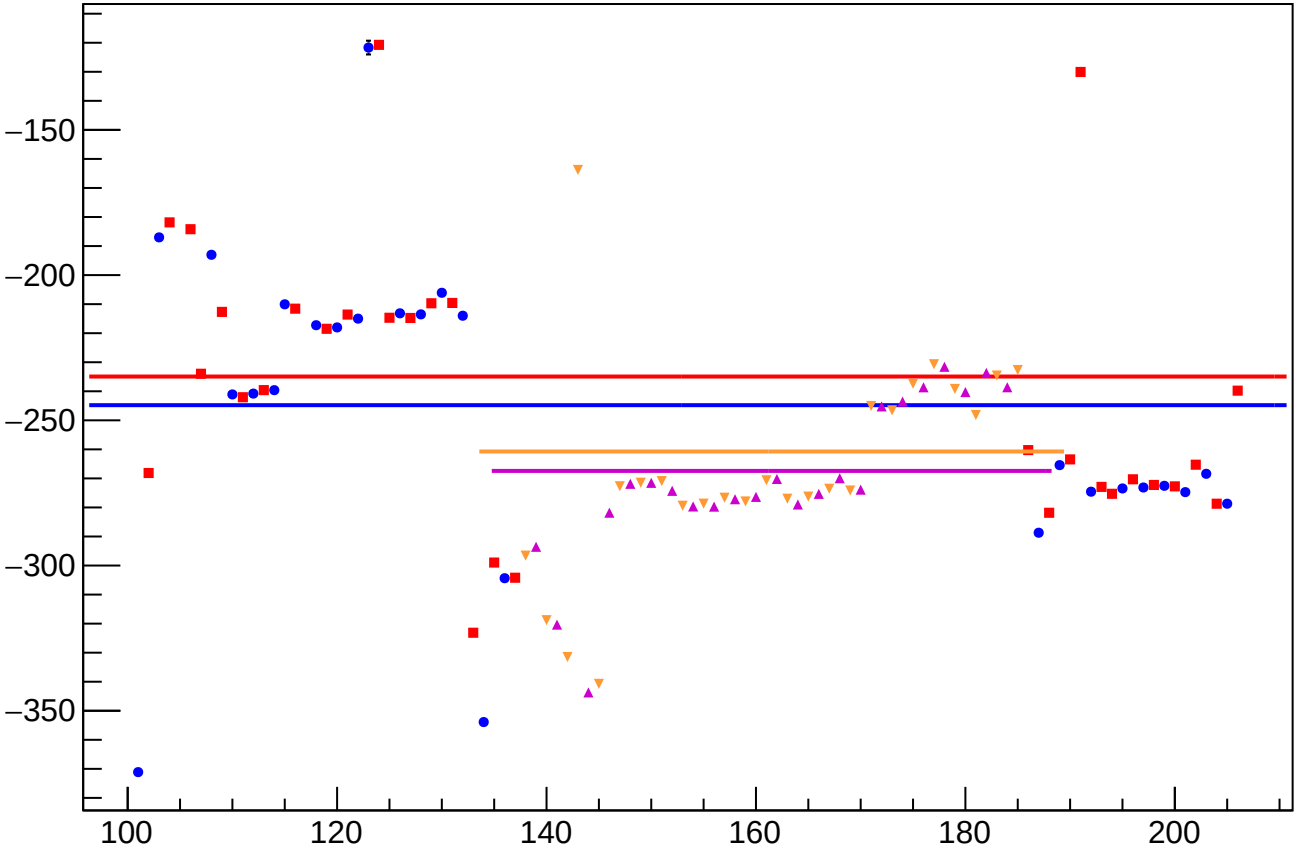
Right: 122.133+/-1.703 χ^2/NDF: 1958.7/55

In: 139.322+/-1.426 χ^2/NDF:1428.6/48

Out: 128.677+/-1.354 χ^2/NDF:1777.3/54

All: 133.723+/-0.982 χ^2/NDF: 3235.1/103

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -244.784+/-0.127 χ^2/NDF: 163944.3/25

Left Out: -260.729+/-0.080 χ^2/NDF:220125.6/24

Right Out: -234.922+/-0.114 χ^2/NDF: 167397.0/29

Left In: -267.416+/-0.081 χ^2/NDF:98892.0/22

Left: -263.998+/-0.057 χ^2/NDF: 322472.0/47

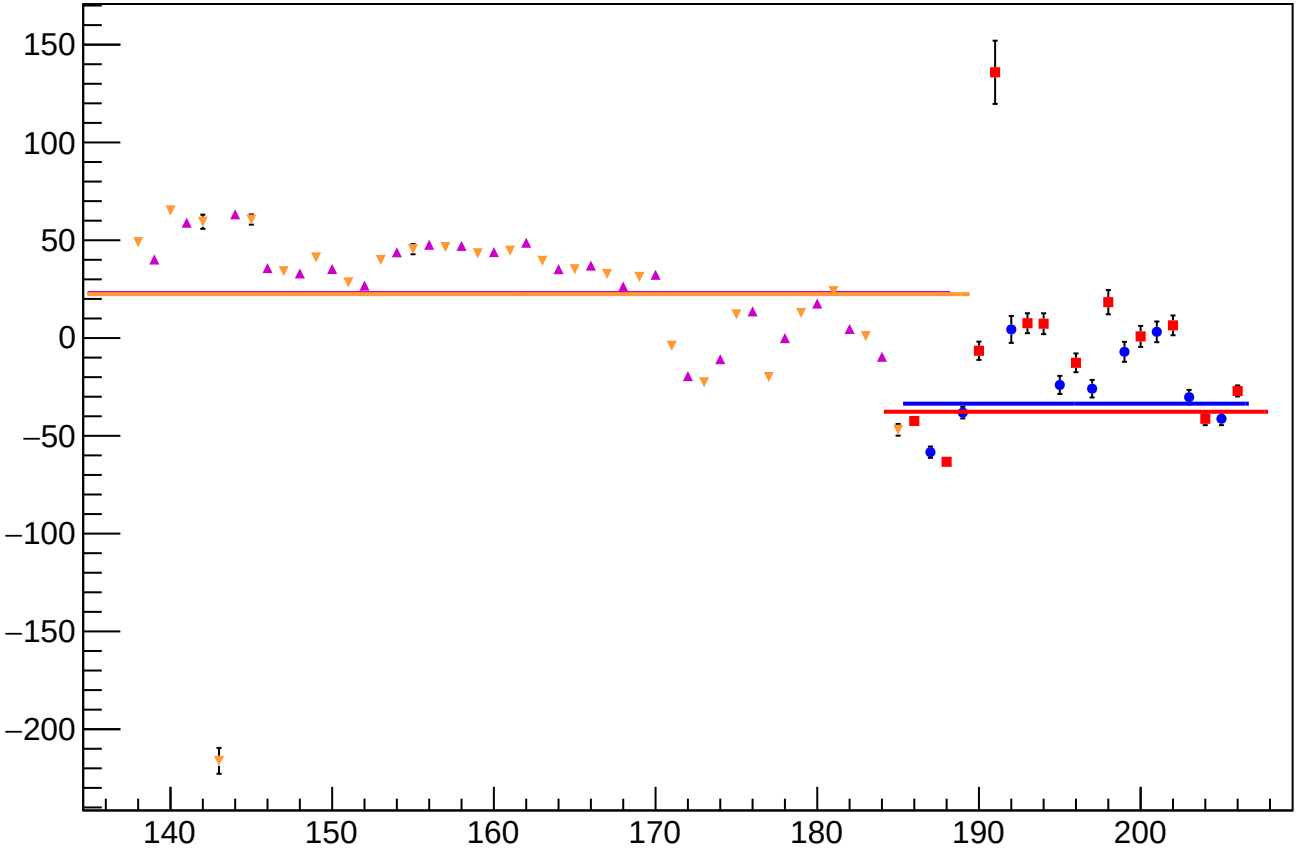
Right: -239.328+/-0.085 χ^2/NDF: 334690.0/55

In: -260.815+/-0.068 χ^2/NDF:285415.9/48

Out: -252.270+/-0.065 χ^2/NDF:422022.5/54

All: -256.336+/-0.047 χ^2/NDF: 715604.2/103

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.548+/-1.302 χ^2/NDF: 195.2/8

Left Out: 22.446+/-0.399 χ^2/NDF:4935.8/24

Right Out: -37.684+/-0.904 χ^2/NDF: 839.5/11

Left In: 23.019+/-0.400 χ^2/NDF:2819.9/22

Left: 22.732+/-0.282 χ^2/NDF: 7756.7/47

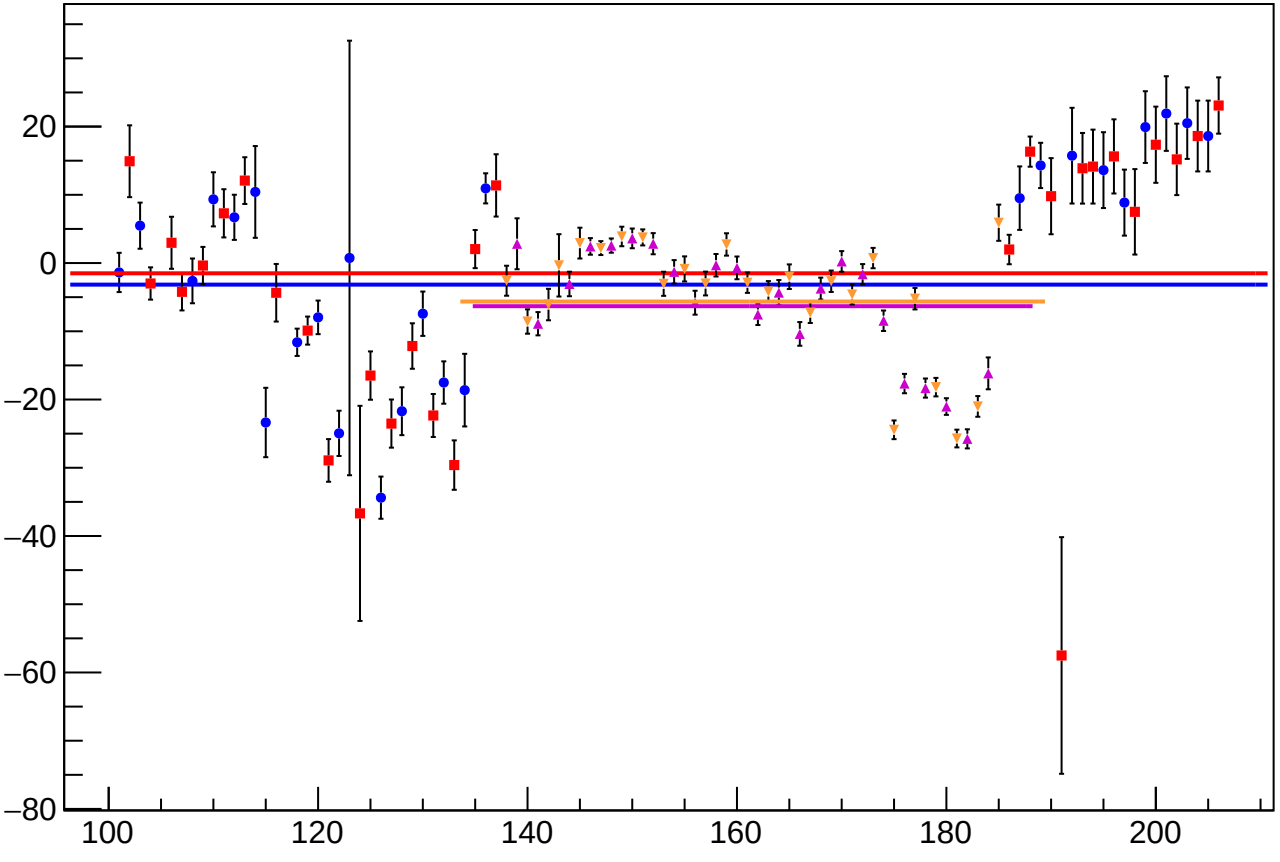
Right: -36.340+/-0.742 χ^2/NDF: 1041.5/20

In: 18.149+/-0.382 χ^2/NDF:4739.0/31

Out: 12.641+/-0.365 χ^2/NDF:9481.1/36

All: 15.268+/-0.264 χ^2/NDF: 14328.8/68

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.162+/-0.703 χ^2/NDF: 449.0/25

Left Out: -5.639+/-0.316 χ^2/NDF:891.5/24

Right Out: -1.502+/-0.636 χ^2/NDF: 498.0/29

Left In: -6.323+/-0.320 χ^2/NDF:784.4/22

Left: -5.976+/-0.225 χ^2/NDF: 1678.2/47

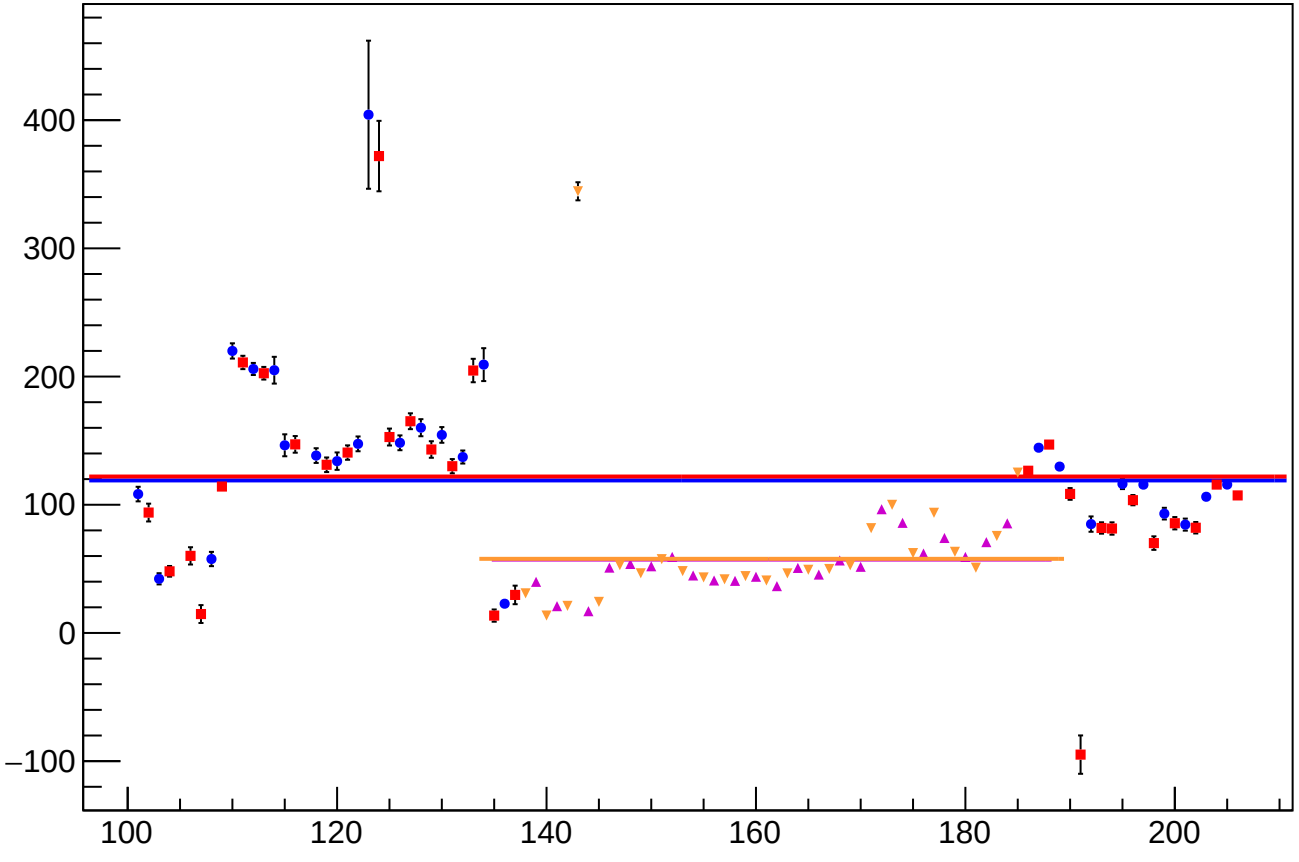
Right: -2.250+/-0.472 χ^2/NDF: 950.0/55

In: -5.780+/-0.291 χ^2/NDF:1250.1/48

Out: -4.822+/-0.283 χ^2/NDF:1423.4/54

All: -5.286+/-0.203 χ^2/NDF: 2679.1/103

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 118.974+/-0.893 χ^2/NDF: 2428.5/25

Left Out: 57.816+/-0.398 χ^2/NDF:4331.5/24

Right Out: 122.017+/-0.668 χ^2/NDF: 3235.4/29

Left In: 57.226+/-0.398 χ^2/NDF:1860.6/22

Left: 57.521+/-0.281 χ^2/NDF: 6193.2/47

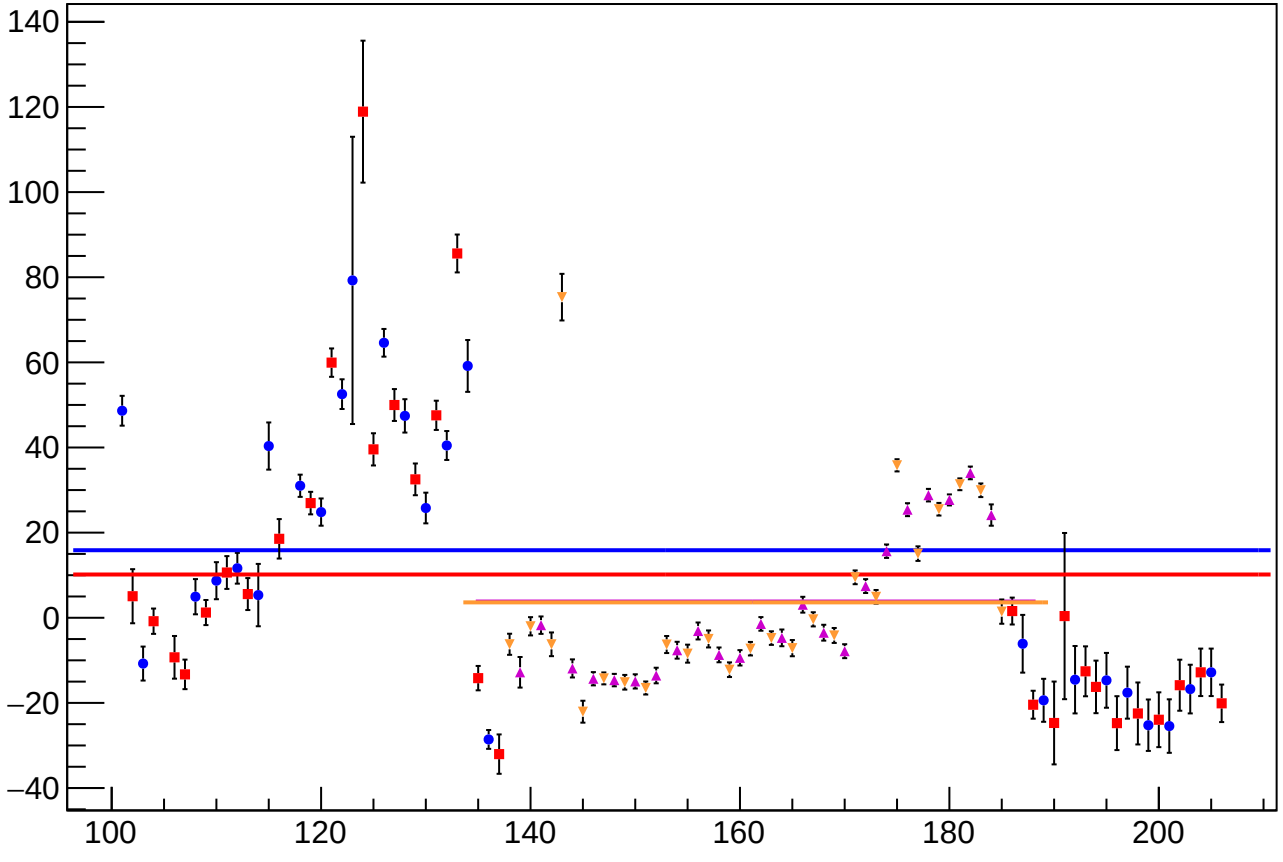
Right: 120.927+/-0.535 χ^2/NDF: 5671.3/55

In: 67.453+/-0.364 χ^2/NDF:8274.5/48

Out: 74.647+/-0.342 χ^2/NDF:14388.0/54

All: 71.271+/-0.249 χ^2/NDF: 22870.2/103

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.868+/-0.814 χ^2/NDF: 1398.0/25

Left Out: 3.615+/-0.357 χ^2/NDF:2501.2/24

Right Out: 10.164+/-0.755 χ^2/NDF: 1467.5/29

Left In: 3.812+/-0.361 χ^2/NDF:2203.5/22

Left: 3.712+/-0.254 χ^2/NDF: 4704.8/47

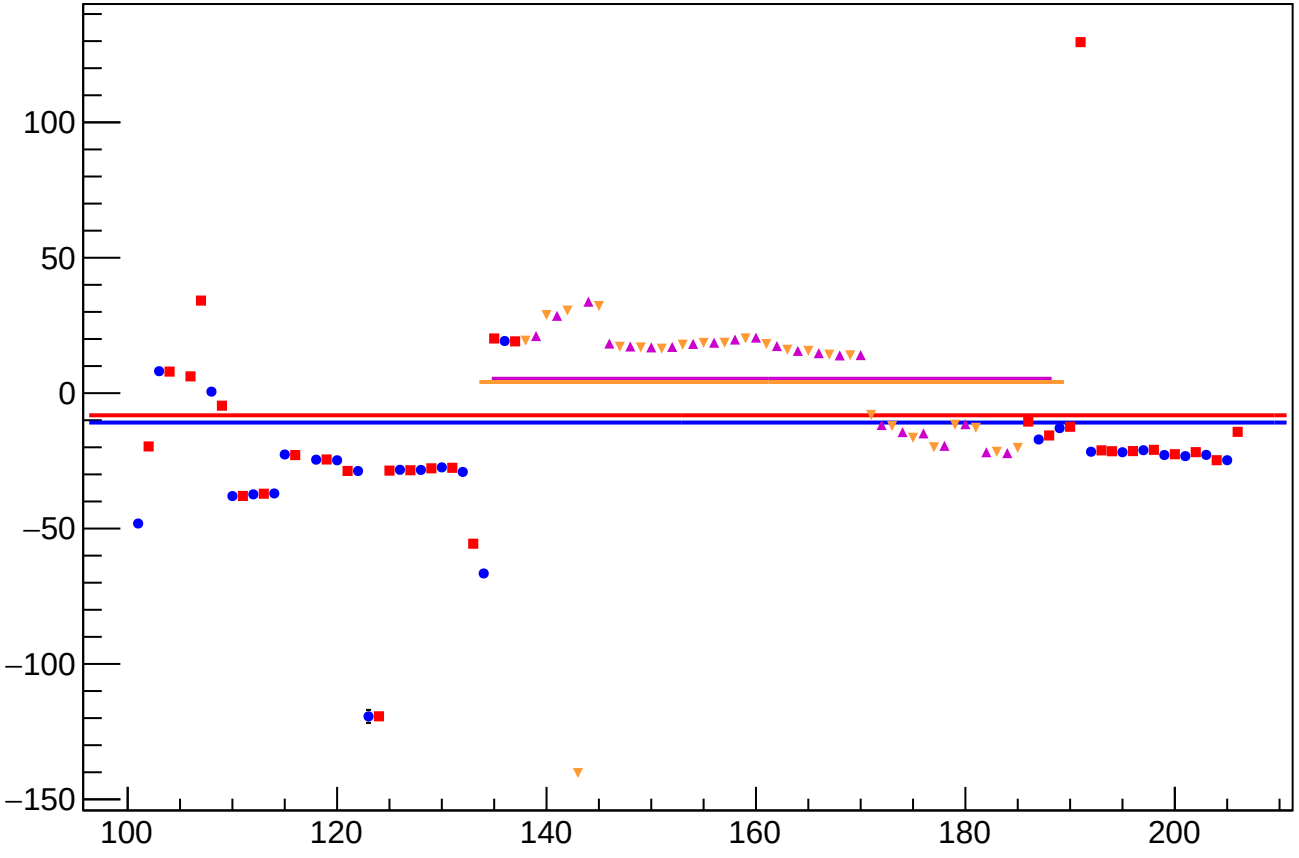
Right: 12.800+/-0.554 χ^2/NDF: 2891.9/55

In: 5.790+/-0.330 χ^2/NDF:3784.8/48

Out: 4.810+/-0.323 χ^2/NDF:4030.2/54

All: 5.289+/-0.231 χ^2/NDF: 7819.5/103

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -10.858+/-0.039 χ^2/NDF: 298377.9/25

Left Out: 4.121+/-0.016 χ^2/NDF:1340176.5/24

Right Out: -8.181+/-0.036 χ^2/NDF: 383730.1/29

Left In: 5.305+/-0.016 χ^2/NDF:1089610.2/22

Left: 4.714+/-0.012 χ^2/NDF: 2432407.5/47

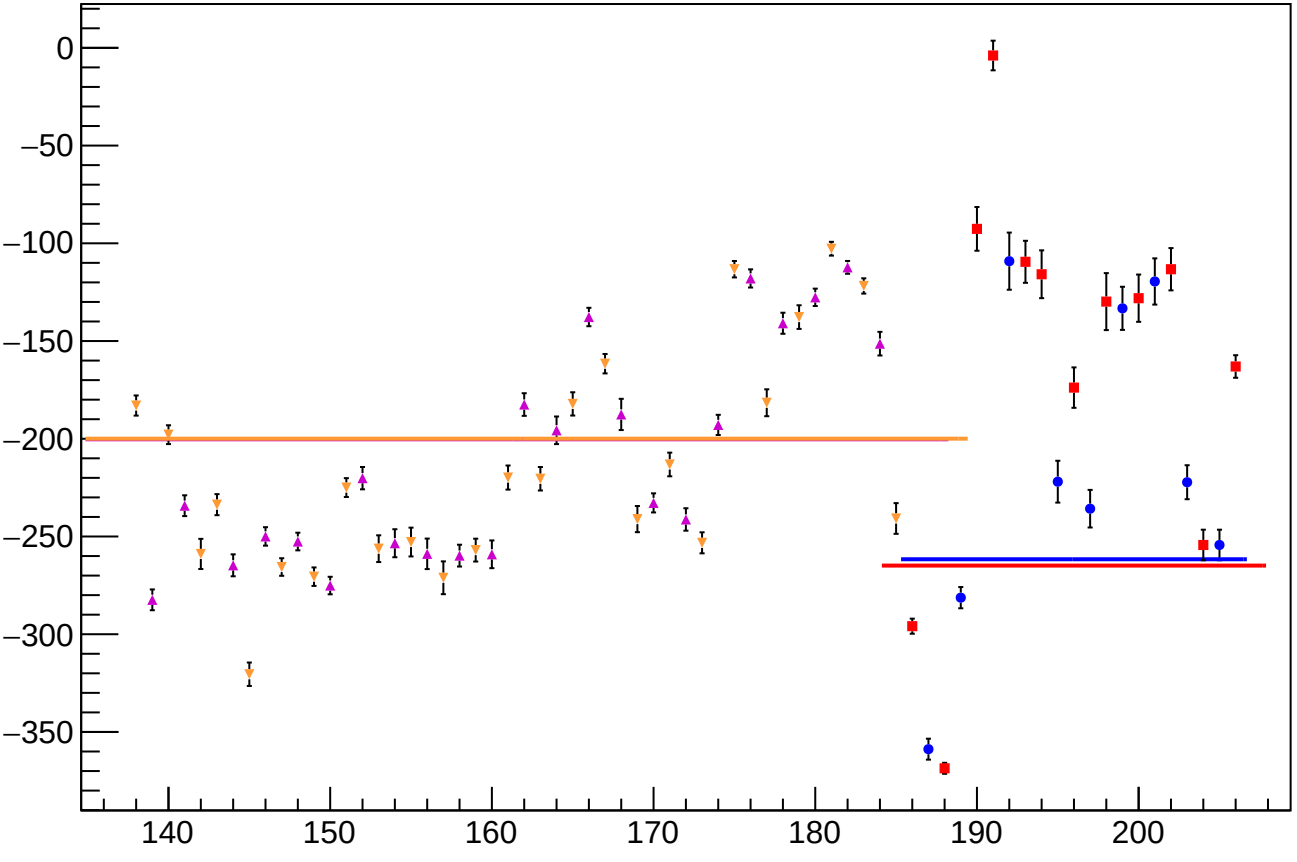
Right: -9.421+/-0.026 χ^2/NDF: 684668.9/55

In: 2.863+/-0.015 χ^2/NDF:1535581.6/48

Out: 2.015+/-0.015 χ^2/NDF:1820630.7/54

All: 2.434+/-0.011 χ^2/NDF: 3357816.7/103

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -261.647+/-2.693 χ^2/NDF: 773.2/8

Left Out: -199.957+/-1.082 χ^2/NDF:3220.5/24

Right Out: -264.880+/-1.795 χ^2/NDF: 4003.7/11

Left In: -200.276+/-1.093 χ^2/NDF:3013.8/22

Left: -200.115+/-0.769 χ^2/NDF: 6234.3/47

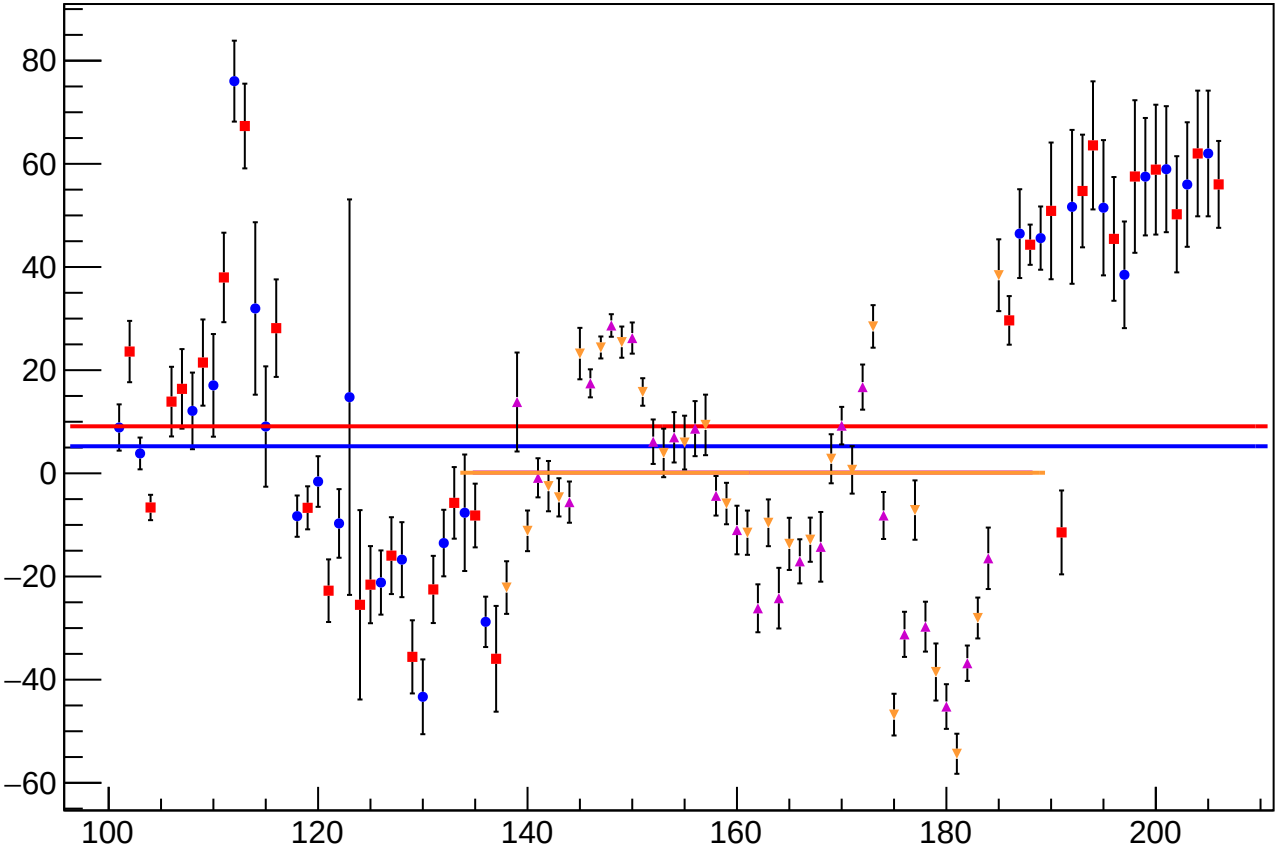
Right: -263.885+/-1.494 χ^2/NDF: 4777.8/20

In: -208.959+/-1.013 χ^2/NDF:4232.7/31

Out: -217.245+/-0.926 χ^2/NDF:8183.7/36

All: -213.471+/-0.684 χ^2/NDF: 12452.8/68

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.248+/-1.333 χ^2/NDF: 414.6/25

Left Out: 0.116+/-0.810 χ^2/NDF:830.1/24

Right Out: 9.116+/-1.193 χ^2/NDF: 536.8/29

Left In: 0.153+/-0.836 χ^2/NDF:719.6/22

Left: 0.134+/-0.582 χ^2/NDF: 1549.7/47

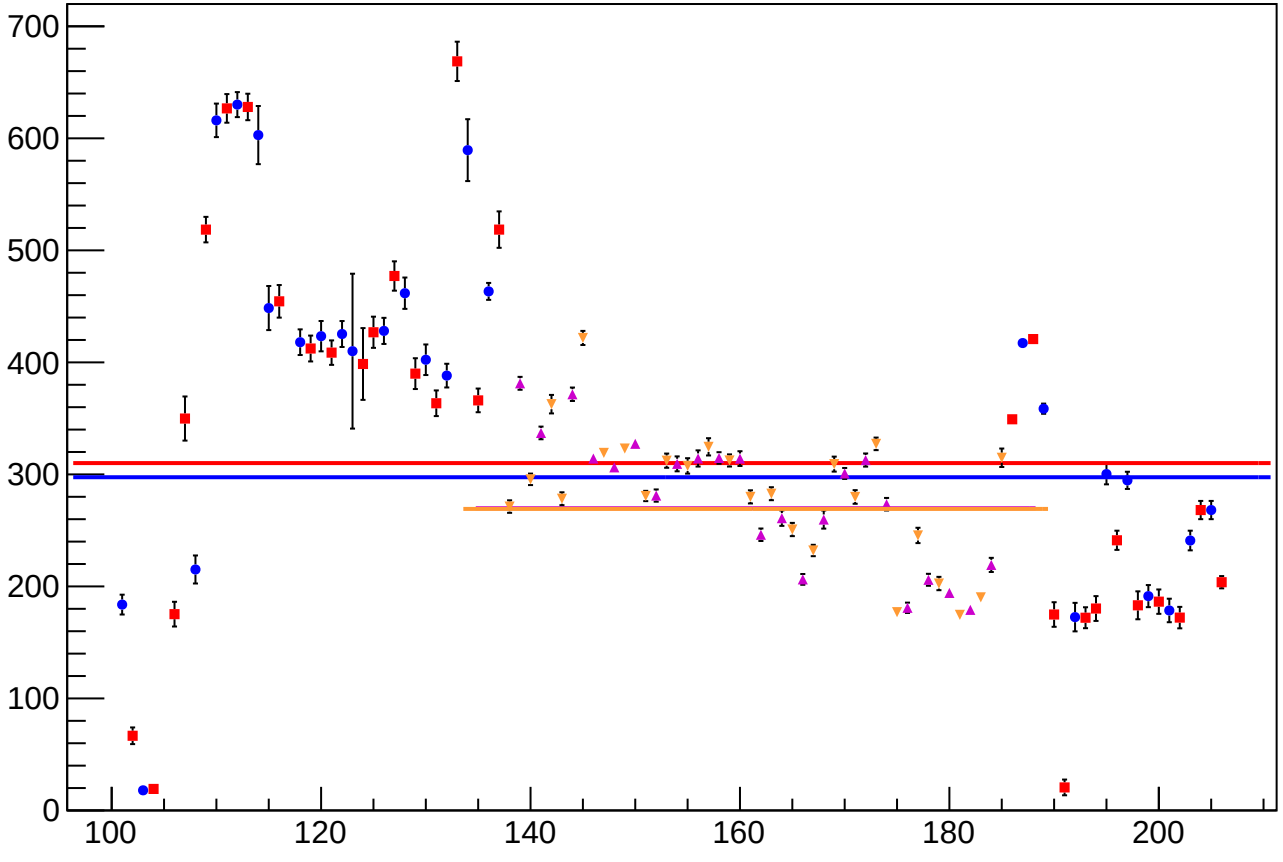
Right: 7.395+/-0.889 χ^2/NDF: 956.1/55

In: 1.593+/-0.708 χ^2/NDF:1144.7/48

Out: 2.958+/-0.670 χ^2/NDF:1405.8/54

All: 2.313+/-0.487 χ^2/NDF: 2552.5/103

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 297.463+/-1.701 χ^2/NDF: 9135.6/25

Left Out: 269.181+/-1.081 χ^2/NDF:3148.5/24

Right Out: 310.094+/-1.289 χ^2/NDF: 14218.4/29

Left In: 269.798+/-1.087 χ^2/NDF:3234.9/22

Left: 269.488+/-0.766 χ^2/NDF: 6383.6/47

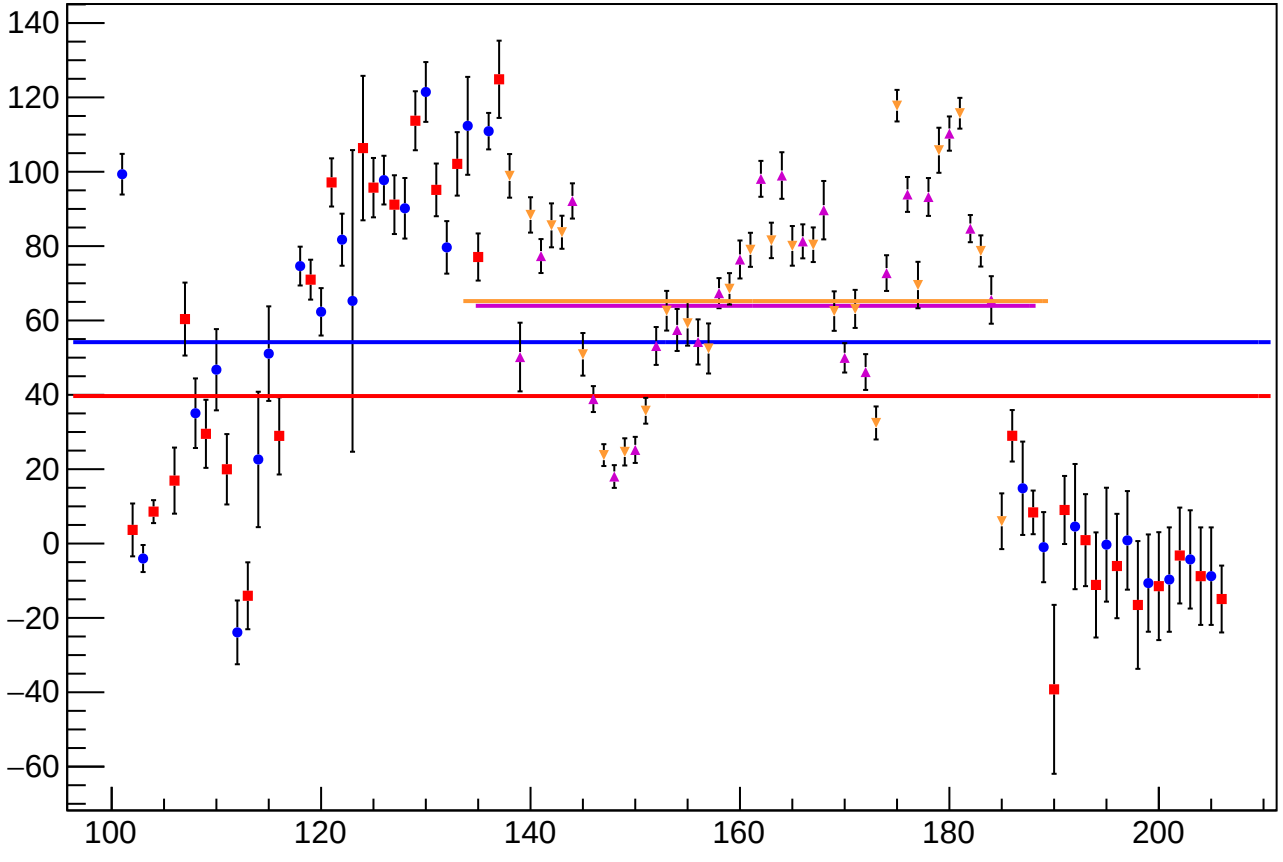
Right: 305.489+/-1.027 χ^2/NDF: 23389.0/55

In: 277.818+/-0.916 χ^2/NDF:12558.3/48

Out: 286.077+/-0.828 χ^2/NDF:17958.6/54

All: 282.363+/-0.614 χ^2/NDF: 30561.6/103

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.168+/-1.564 χ^2/NDF: 916.7/25

Left Out: 65.214+/-0.938 χ^2/NDF:1005.7/24

Right Out: 39.674+/-1.441 χ^2/NDF: 872.4/29

Left In: 63.944+/-0.961 χ^2/NDF:803.4/22

Left: 64.594+/-0.671 χ^2/NDF: 1809.9/47

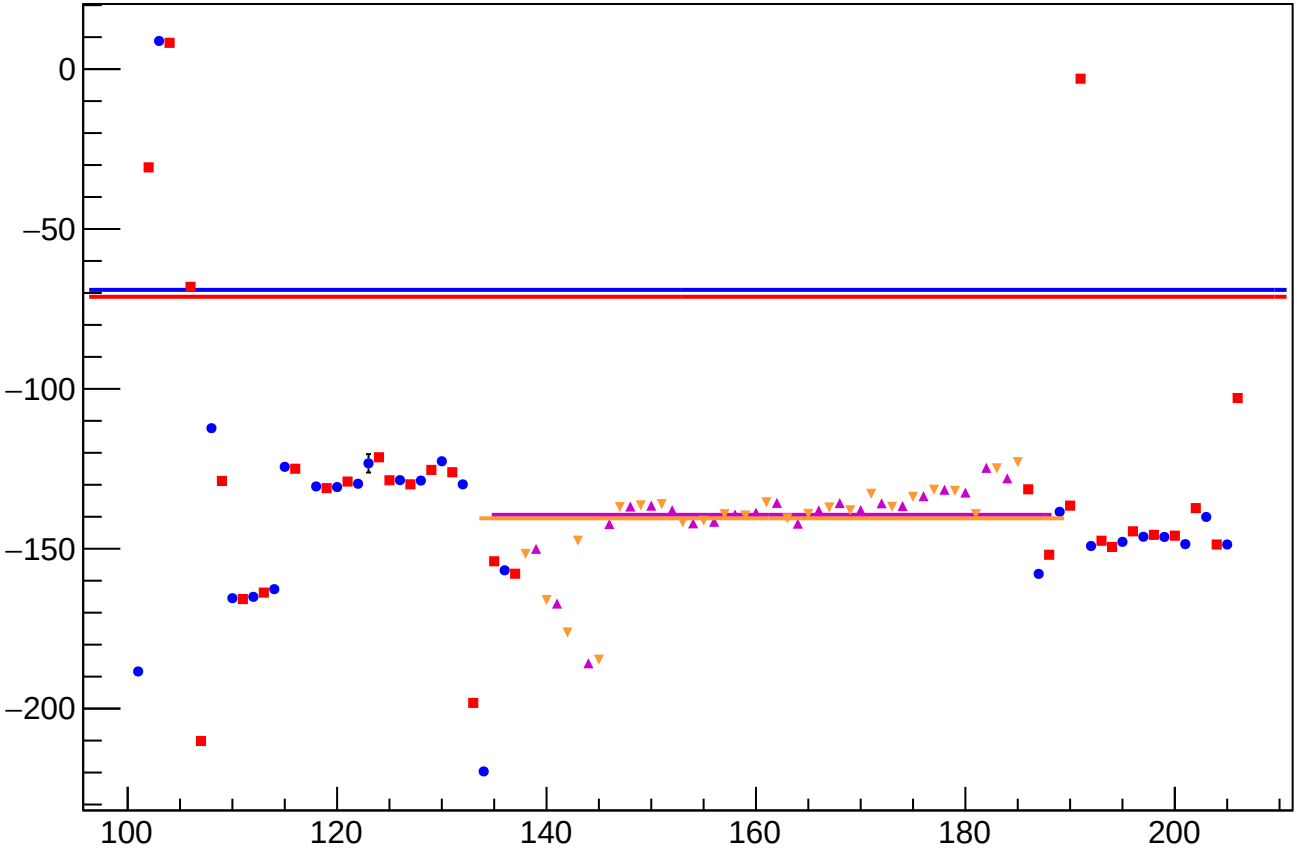
Right: 46.325+/-1.060 χ^2/NDF: 1835.5/55

In: 61.267+/-0.819 χ^2/NDF:1748.4/48

Out: 57.609+/-0.786 χ^2/NDF:2098.7/54

All: 59.364+/-0.567 χ^2/NDF: 3857.6/103

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -69.039+/-0.064 χ^2/NDF: 1521061.9/25

Left Out: -140.489+/-0.045 χ^2/NDF:77350.7/24

Right Out: -71.197+/-0.061 χ^2/NDF: 1383048.8/29

Left In: -139.406+/-0.045 χ^2/NDF:62878.4/22

Left: -139.949+/-0.032 χ^2/NDF: 140521.6/47

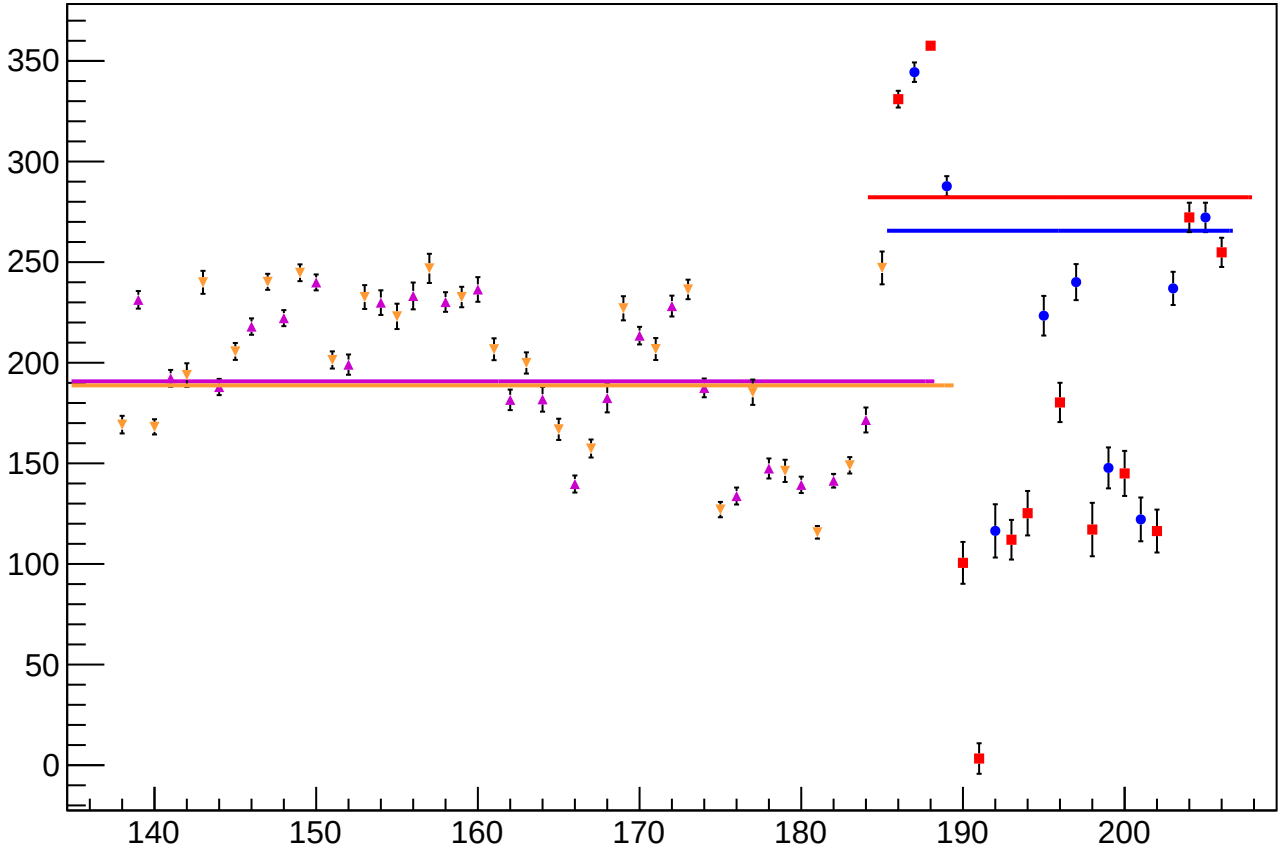
Right: -70.175+/-0.044 χ^2/NDF: 2904707.0/55

In: -116.303+/-0.037 χ^2/NDF:2392579.8/48

Out: -116.186+/-0.036 χ^2/NDF:2303497.2/54

All: -116.244+/-0.026 χ^2/NDF: 4696082.2/10

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 265.605+/-2.479 χ^2/NDF: 758.9/8

Left Out: 188.749+/-0.958 χ^2/NDF:1968.6/24

Right Out: 282.242+/-1.733 χ^2/NDF: 3868.9/11

Left In: 190.753+/-0.971 χ^2/NDF:1421.8/22

Left: 189.737+/-0.682 χ^2/NDF: 3392.5/47

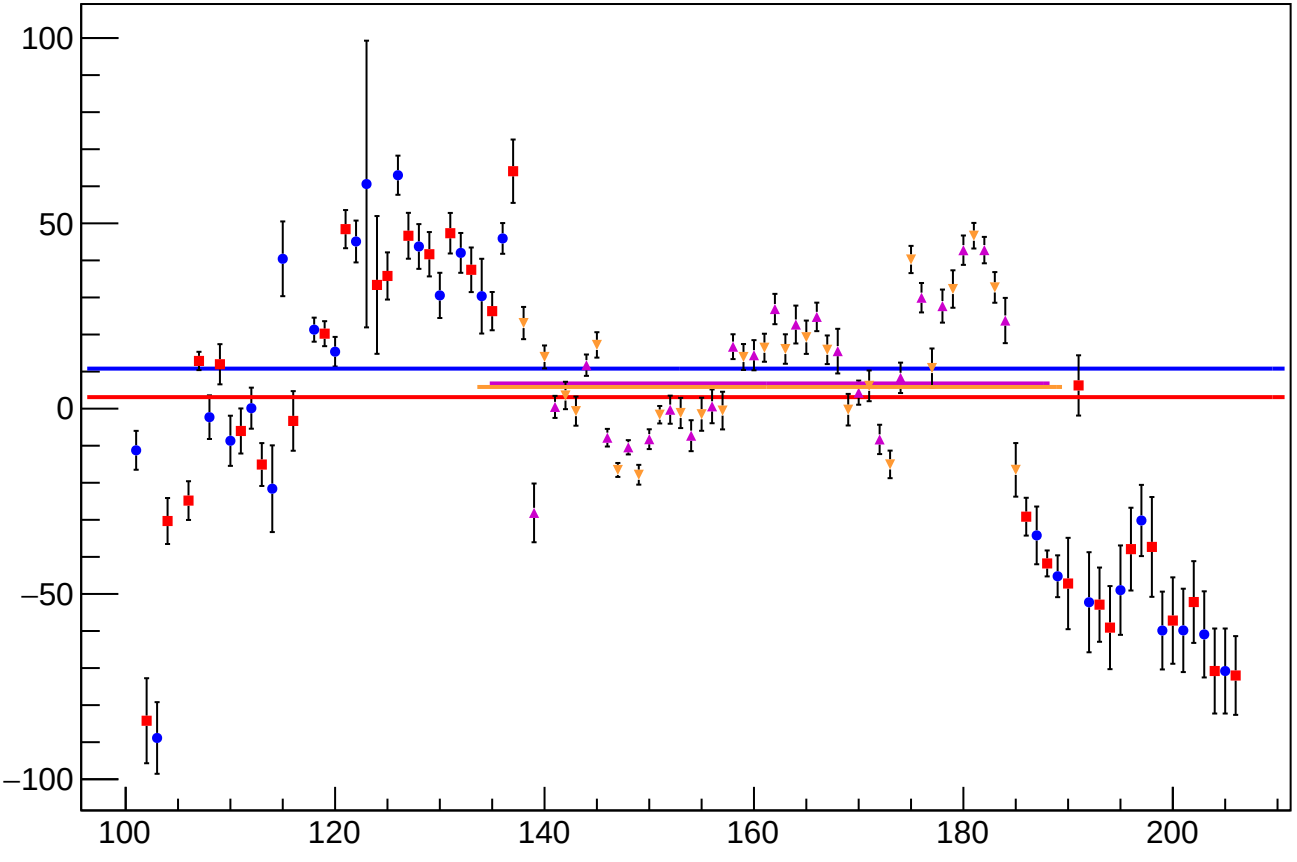
Right: 276.779+/-1.420 χ^2/NDF: 4658.1/20

In: 200.711+/-0.904 χ^2/NDF:2971.3/31

Out: 210.635+/-0.838 χ^2/NDF:8066.7/36

All: 206.046+/-0.615 χ^2/NDF: 11102.7/68

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.801+/-1.257 χ^2/NDF: 824.6/25

Left Out: 5.851+/-0.714 χ^2/NDF:650.6/24

Right Out: 3.106+/-1.075 χ^2/NDF: 987.8/29

Left In: 6.797+/-0.735 χ^2/NDF:525.8/22

Left: 6.311+/-0.512 χ^2/NDF: 1177.3/47

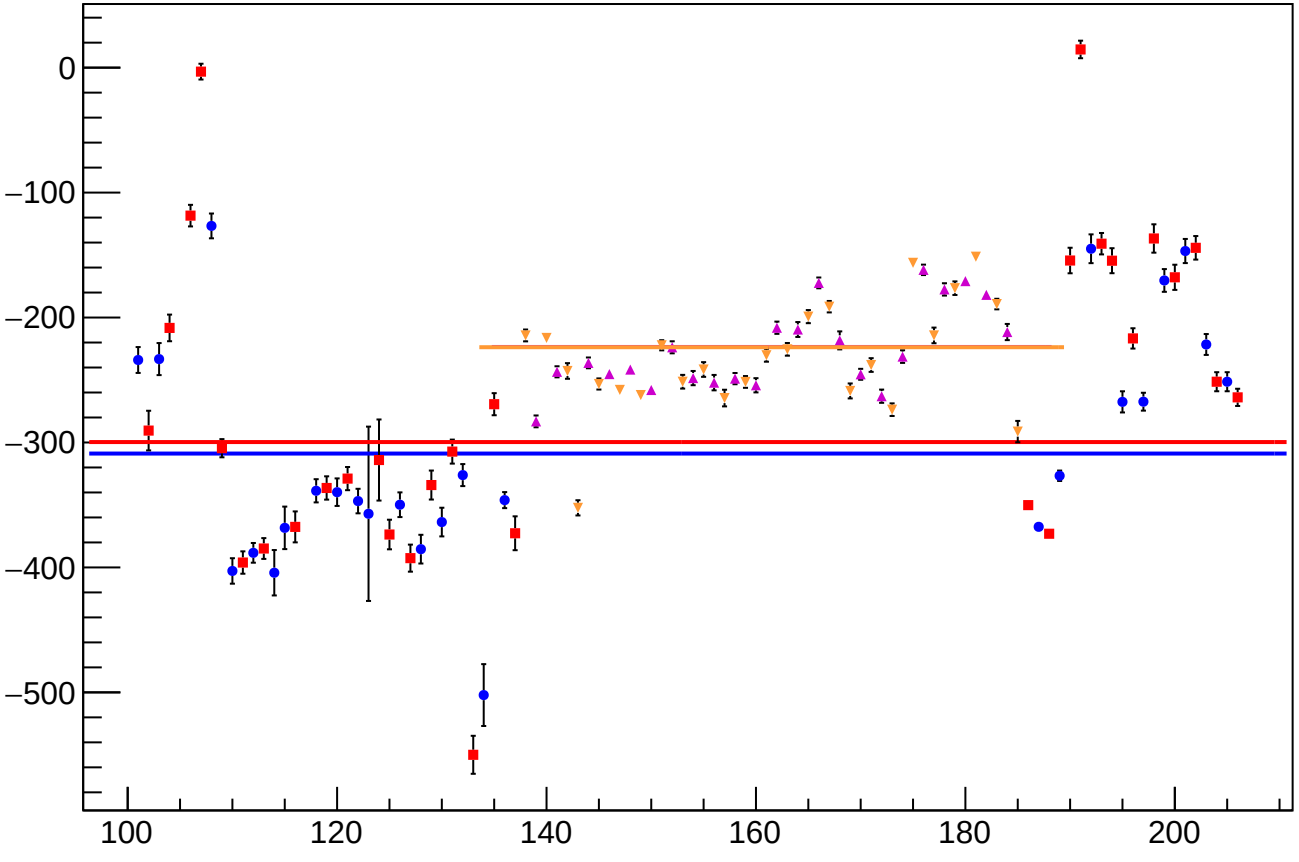
Right: 6.356+/-0.817 χ^2/NDF: 1834.1/55

In: 7.817+/-0.634 χ^2/NDF:1358.0/48

Out: 5.010+/-0.595 χ^2/NDF:1643.0/54

All: 6.324+/-0.434 χ^2/NDF: 3011.4/103

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -308.862+/-1.647 χ^2/NDF: 2041.6/25

Left Out: -223.752+/-0.958 χ^2/NDF:2021.5/24

Right Out: -299.660+/-1.233 χ^2/NDF: 8567.1/29

Left In: -223.554+/-0.966 χ^2/NDF:1286.5/22

Left: -223.654+/-0.680 χ^2/NDF: 3308.0/47

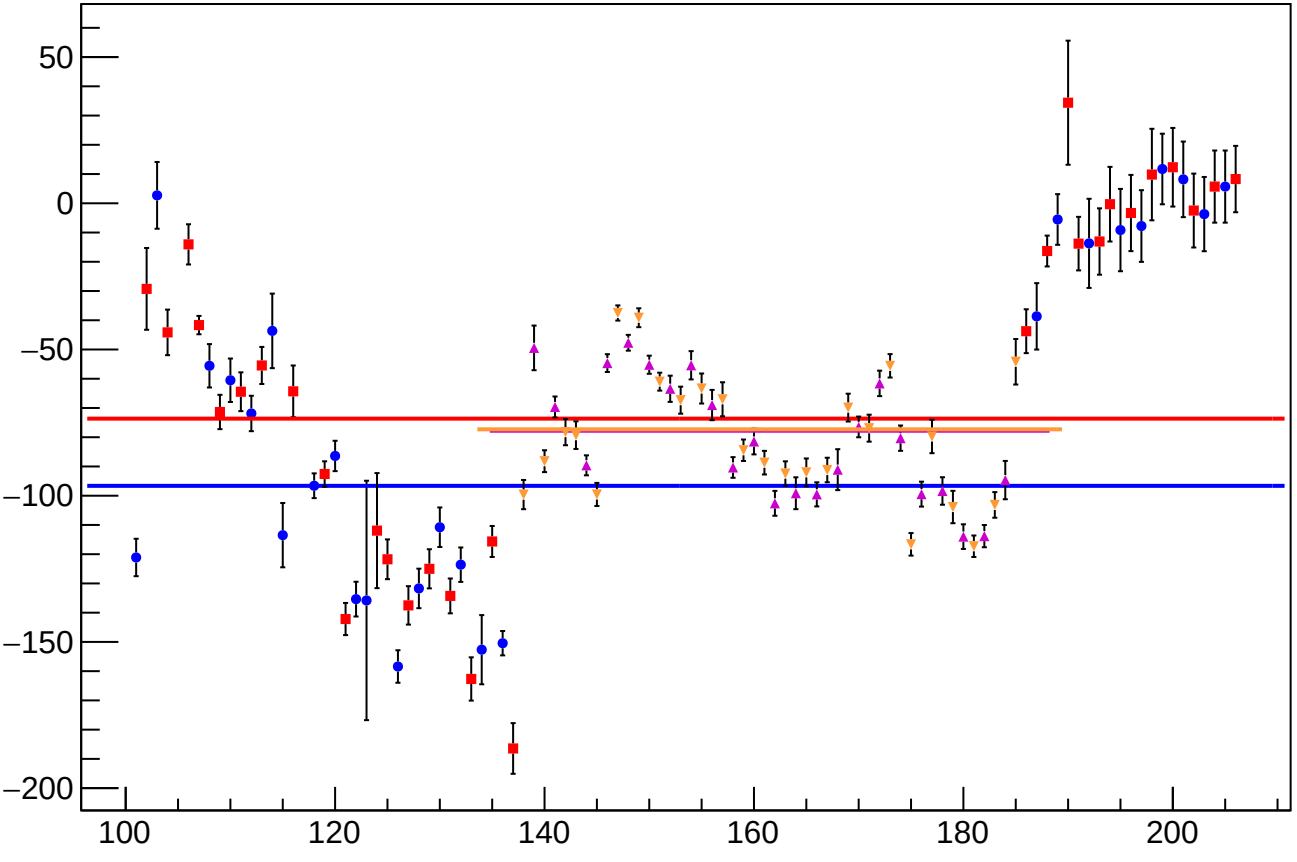
Right: -302.965+/-0.987 χ^2/NDF: 10628.7/55

In: -245.383+/-0.833 χ^2/NDF:5325.3/48

Out: -252.331+/-0.756 χ^2/NDF:12952.7/54

All: -249.191+/-0.560 χ^2/NDF: 18316.2/103

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -96.625+/-1.467 χ^2/NDF: 1119.7/25

Left Out: -77.296+/-0.829 χ^2/NDF:844.6/24

Right Out: -73.642+/-1.288 χ^2/NDF: 1565.1/29

Left In: -77.777+/-0.847 χ^2/NDF:624.5/22

Left: -77.531+/-0.592 χ^2/NDF: 1469.2/47

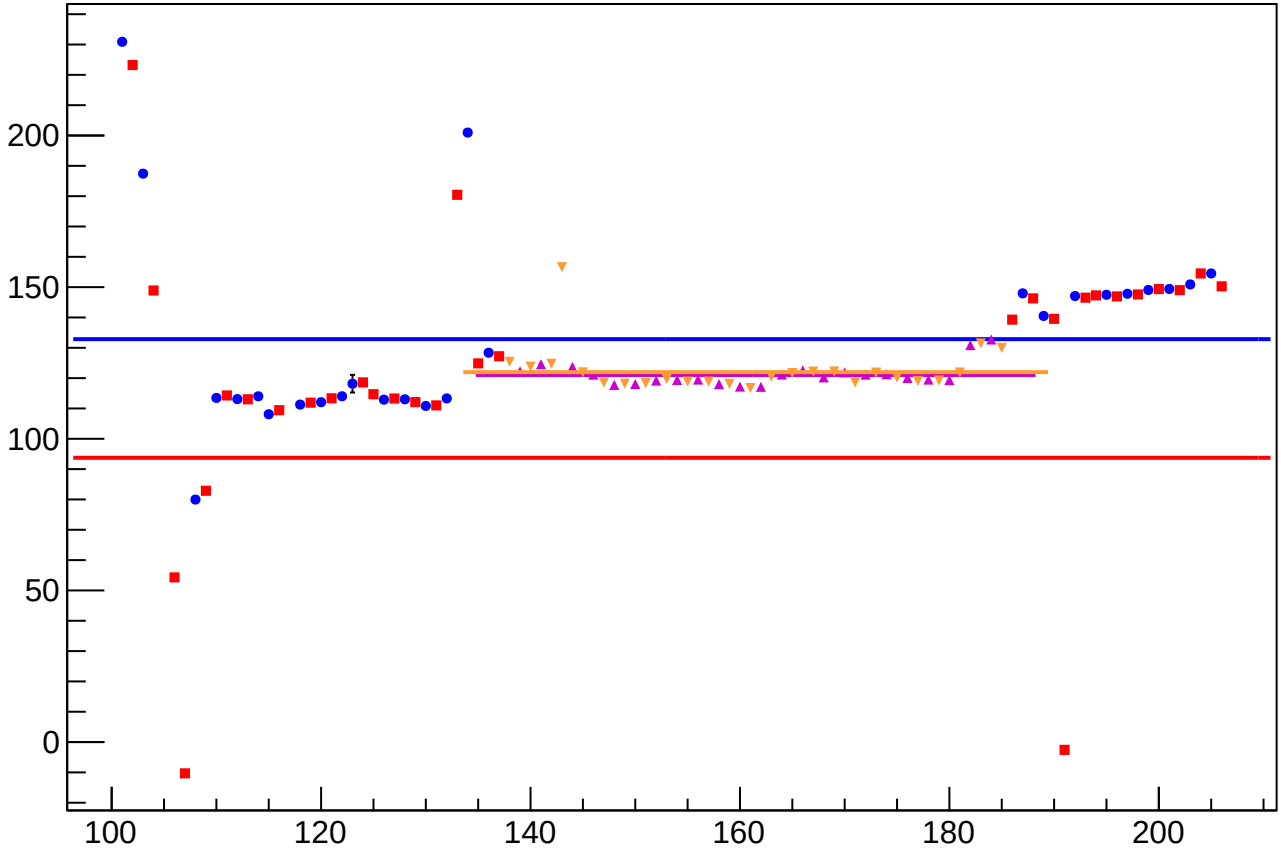
Right: -83.643+/-0.968 χ^2/NDF: 2823.3/55

In: -82.485+/-0.733 χ^2/NDF:1867.9/48

Out: -76.226+/-0.697 χ^2/NDF:2415.4/54

All: -79.196+/-0.505 χ^2/NDF: 4321.6/103

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 132.854+/-0.076 χ^2/NDF: 203526.7/25

Left Out: 121.972+/-0.039 χ^2/NDF:27431.1/24

Right Out: 93.740+/-0.062 χ^2/NDF: 1115028.1/29

Left In: 121.045+/-0.040 χ^2/NDF:7903.5/22

Left: 121.510+/-0.028 χ^2/NDF: 35609.5/47

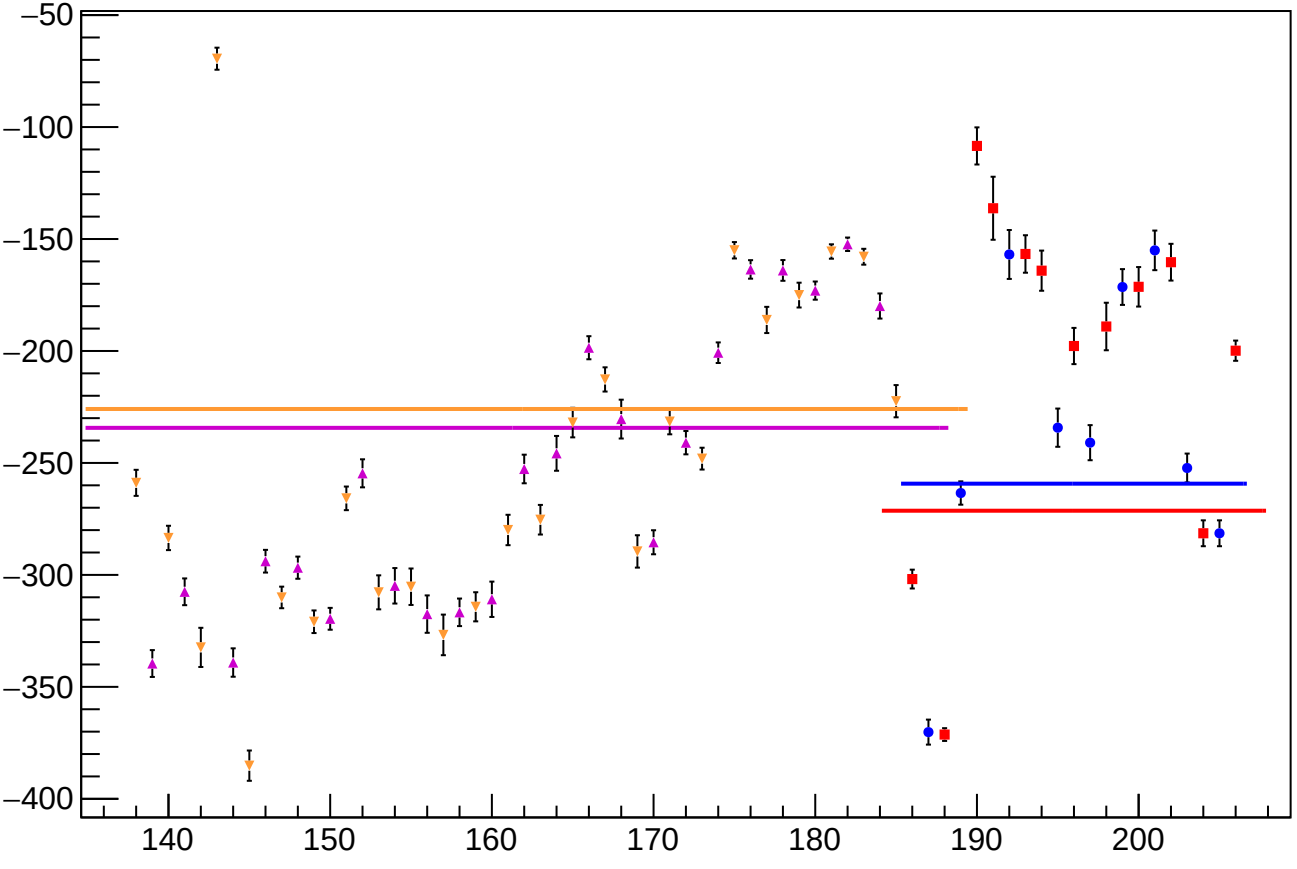
Right: 109.447+/-0.048 χ^2/NDF: 1477301.1/55

In: 123.566+/-0.035 χ^2/NDF:230446.4/48

Out: 113.862+/-0.033 χ^2/NDF:1289254.3/54

All: 118.467+/-0.024 χ^2/NDF: 1559891.9/103

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -259.259+/-2.296 χ^2/NDF: 772.7/8

Left Out: -225.905+/-1.083 χ^2/NDF:4669.2/24

Right Out: -271.338+/-1.674 χ^2/NDF: 2797.6/11

Left In: -234.328+/-1.104 χ^2/NDF:3591.9/22

Left: -230.037+/-0.773 χ^2/NDF: 8290.7/47

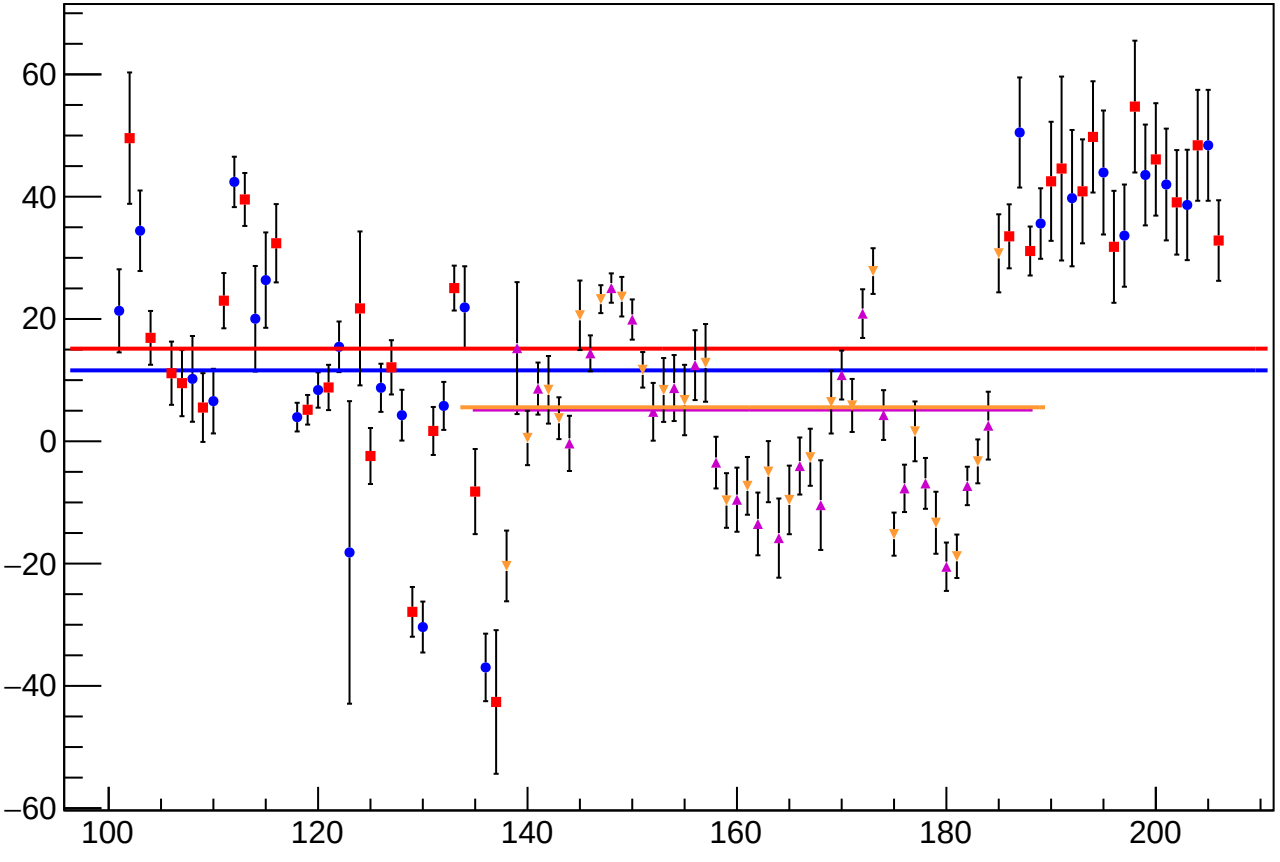
Right: -267.143+/-1.353 χ^2/NDF: 3588.4/20

In: -239.013+/-0.995 χ^2/NDF:4460.4/31

Out: -239.313+/-0.910 χ^2/NDF:7985.7/36

All: -239.177+/-0.671 χ^2/NDF: 12446.2/68

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.597+/-1.012 χ^2/NDF: 387.9/25

Left Out: 5.558+/-0.832 χ^2/NDF:313.4/24

Right Out: 15.150+/-0.959 χ^2/NDF: 379.0/29

Left In: 5.186+/-0.867 χ^2/NDF:243.2/22

Left: 5.380+/-0.600 χ^2/NDF: 556.7/47

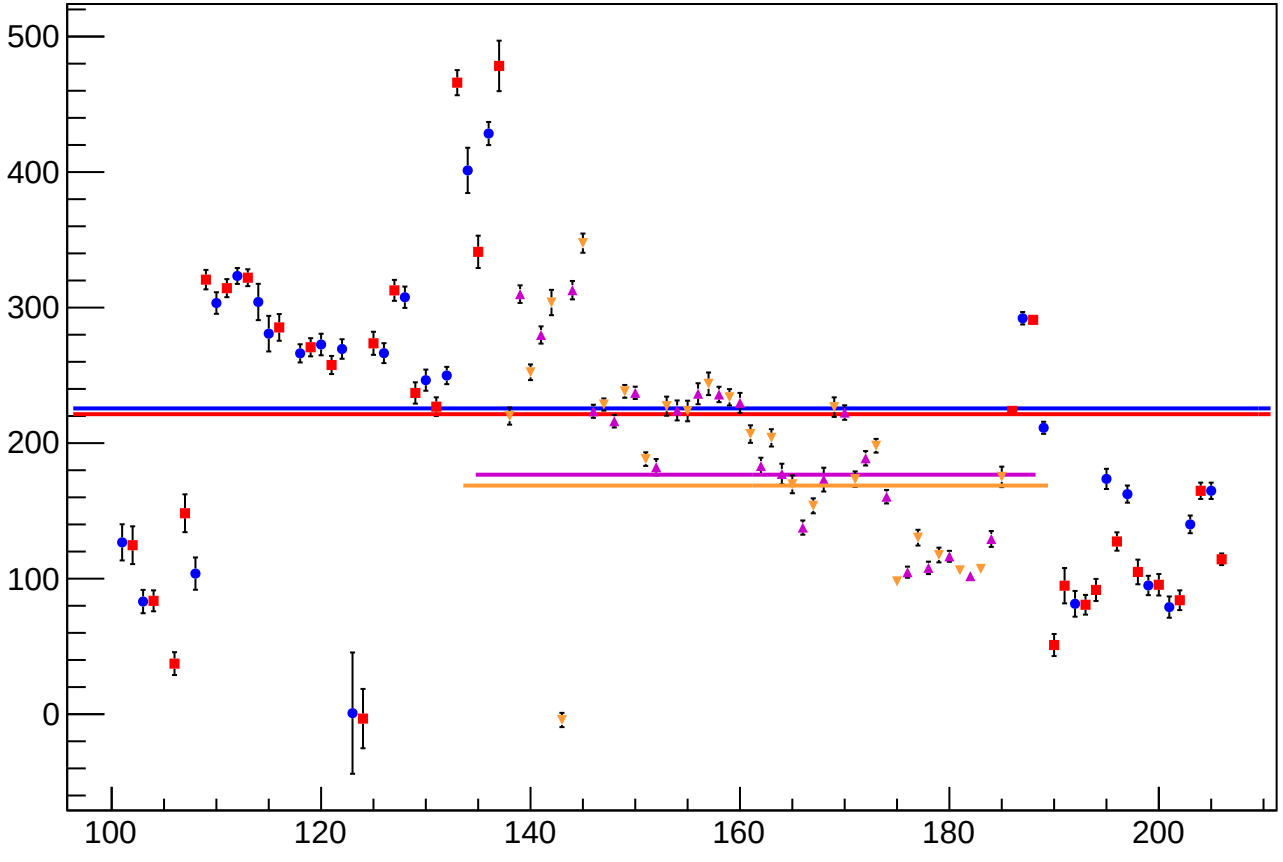
Right: 13.468+/-0.696 χ^2/NDF: 773.4/55

In: 7.900+/-0.658 χ^2/NDF:654.3/48

Out: 9.676+/-0.629 χ^2/NDF:749.5/54

All: 8.829+/-0.455 χ^2/NDF: 1407.6/103

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 225.621+/-1.456 χ^2/NDF: 3383.2/25

Left Out: 168.699+/-1.086 χ^2/NDF:4238.2/24

Right Out: 221.365+/-1.164 χ^2/NDF: 6669.2/29

Left In: 176.711+/-1.102 χ^2/NDF:3234.3/22

Left: 172.648+/-0.774 χ^2/NDF: 7499.3/47

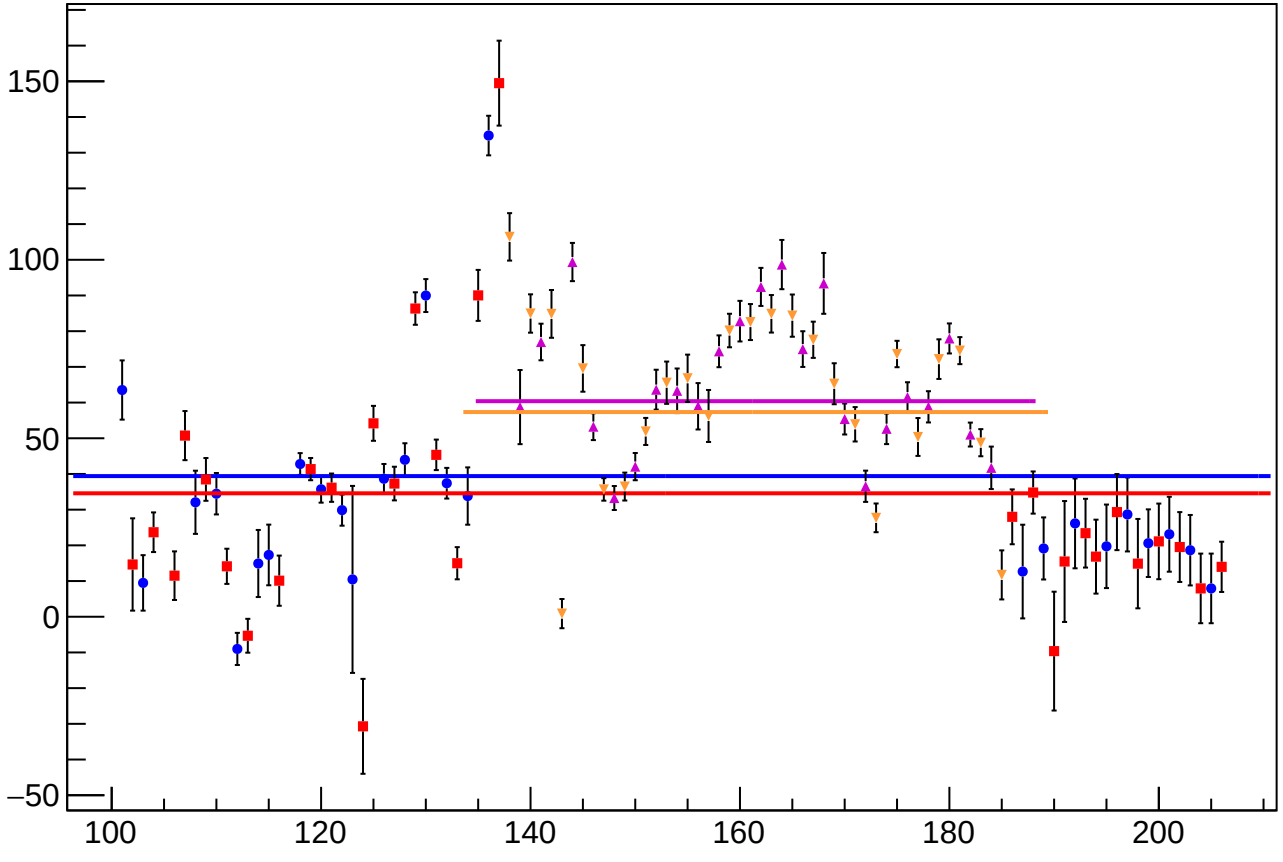
Right: 223.024+/-0.909 χ^2/NDF: 10057.7/55

In: 194.518+/-0.879 χ^2/NDF:7334.9/48

Out: 193.219+/-0.794 χ^2/NDF:12001.5/54

All: 193.803+/-0.589 χ^2/NDF: 19337.6/103

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 39.404+/-1.181 χ^2/NDF: 615.6/25

Left Out: 57.343+/-0.956 χ^2/NDF:641.5/24

Right Out: 34.581+/-1.124 χ^2/NDF: 513.5/29

Left In: 60.392+/-0.987 χ^2/NDF:341.2/22

Left: 58.819+/-0.687 χ^2/NDF: 987.6/47

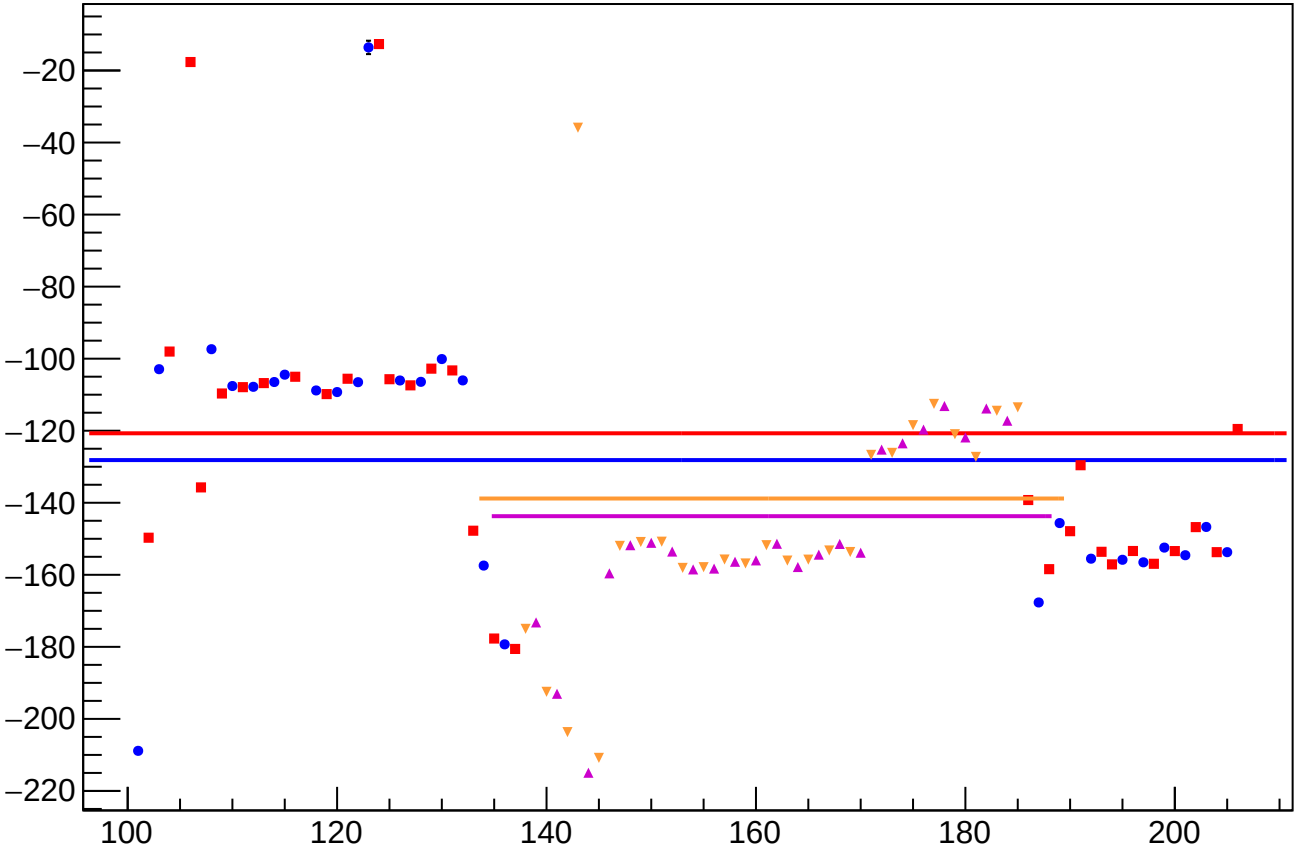
Right: 36.875+/-0.814 χ^2/NDF: 1137.8/55

In: 51.756+/-0.757 χ^2/NDF:1142.9/48

Out: 47.791+/-0.728 χ^2/NDF:1392.7/54

All: 49.696+/-0.525 χ^2/NDF: 2549.8/103

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -128.152+/-0.065 χ^2/NDF: 205489.1/25

Left Out: -138.821+/-0.045 χ^2/NDF:525537.6/24

Right Out: -120.716+/-0.058 χ^2/NDF: 454509.1/29

Left In: -143.726+/-0.046 χ^2/NDF:260994.5/22

Left: -141.241+/-0.032 χ^2/NDF: 792316.4/47

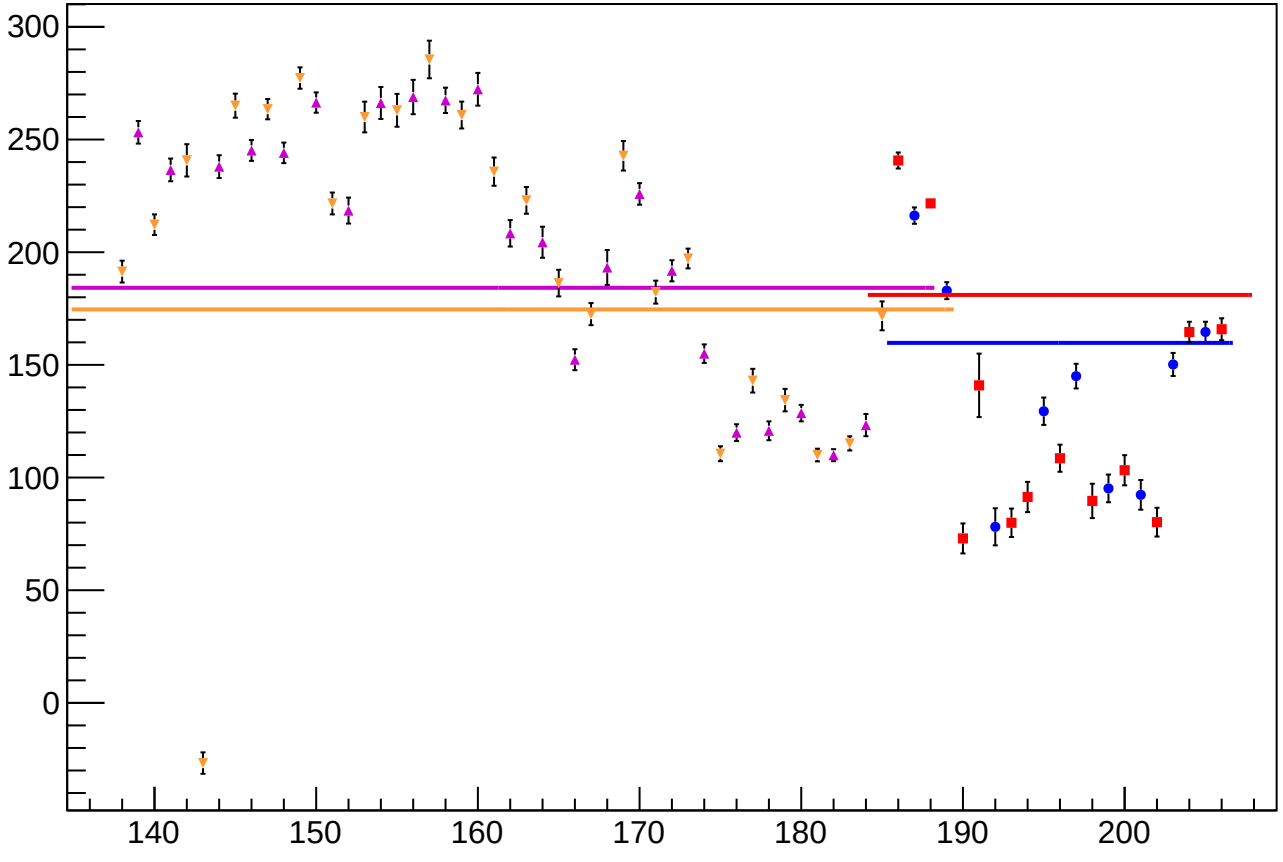
Right: -124.018+/-0.044 χ^2/NDF: 667211.3/55

In: -138.573+/-0.038 χ^2/NDF:504557.6/48

Out: -132.011+/-0.036 χ^2/NDF:1040117.7/54

All: -135.134+/-0.026 χ^2/NDF: 1560679.3/10

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 159.767+/-1.672 χ^2/NDF: 630.3/8

Left Out: 174.613+/-0.969 χ^2/NDF:5551.3/24

Right Out: 181.046+/-1.266 χ^2/NDF: 2159.6/11

Left In: 184.205+/-0.987 χ^2/NDF:3637.1/22

Left: 179.321+/-0.691 χ^2/NDF: 9236.5/47

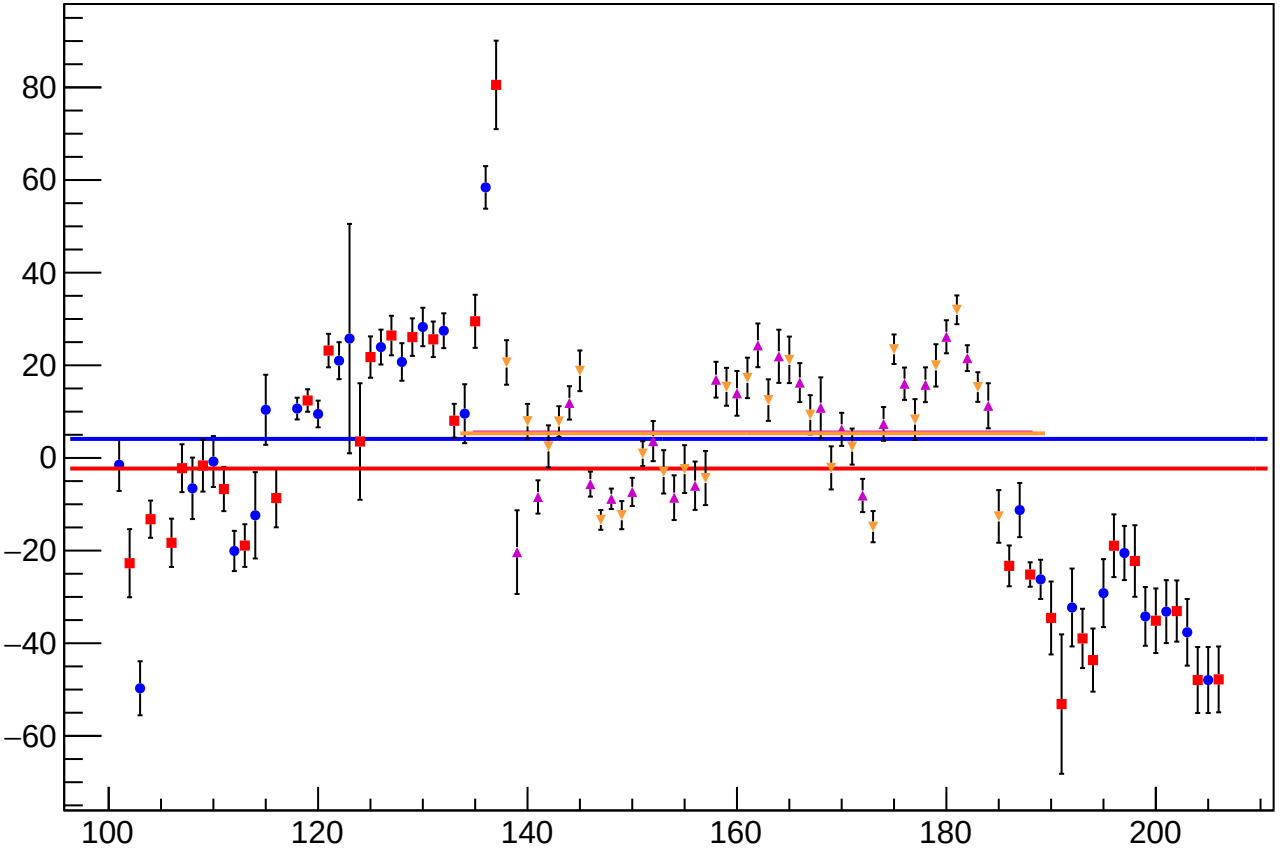
Right: 173.294+/-1.009 χ^2/NDF: 2892.9/20

In: 177.891+/-0.850 χ^2/NDF:4425.8/31

Out: 176.990+/-0.769 χ^2/NDF:7727.2/36

All: 177.396+/-0.570 χ^2/NDF: 12153.7/68

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.110+/-0.941 χ^2/NDF: 680.7/25

Left Out: 5.314+/-0.750 χ^2/NDF:345.1/24

Right Out: -2.285+/-0.881 χ^2/NDF: 750.5/29

Left In: 5.483+/-0.779 χ^2/NDF:259.1/22

Left: 5.396+/-0.540 χ^2/NDF: 604.2/47

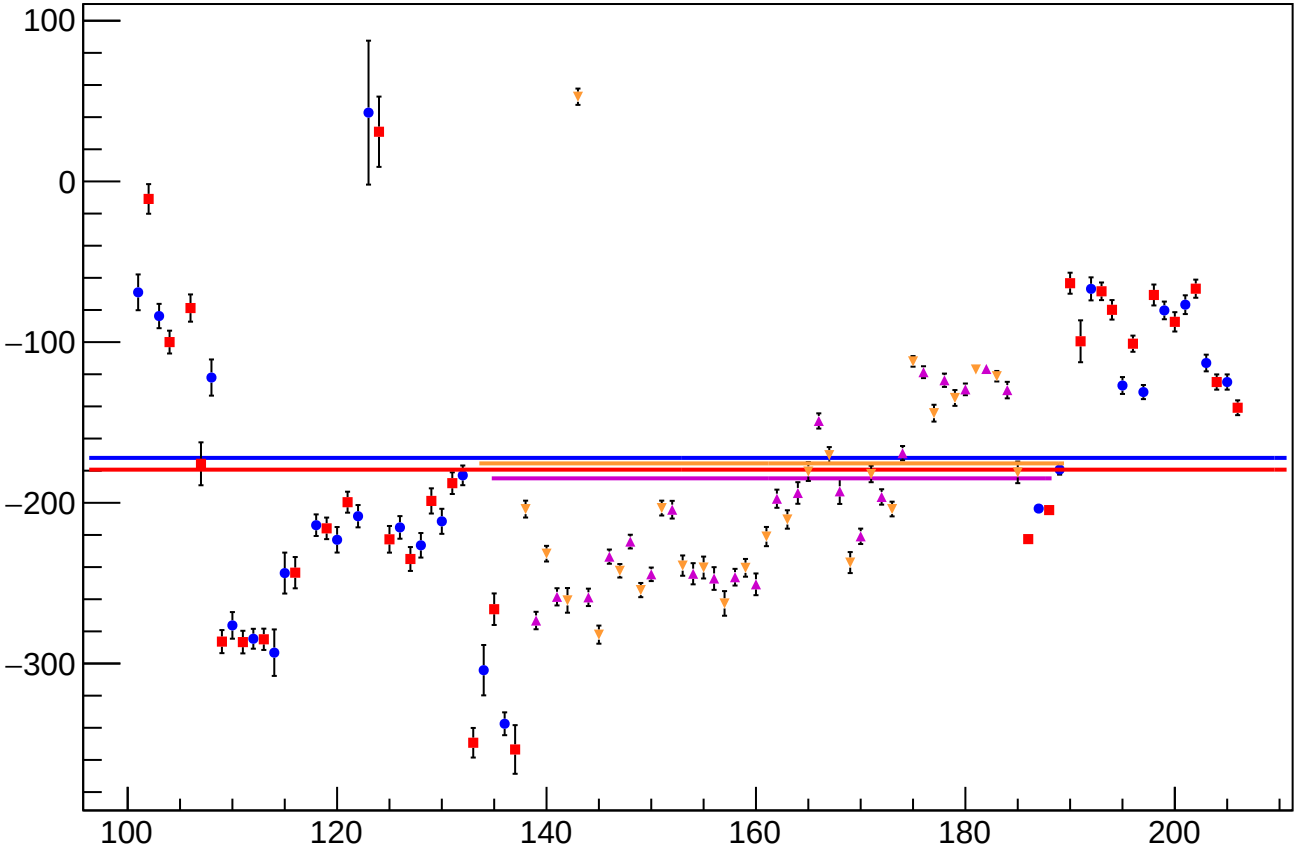
Right: 0.703+/-0.643 χ^2/NDF: 1455.8/55

In: 4.925+/-0.600 χ^2/NDF:941.0/48

Out: 2.119+/-0.571 χ^2/NDF:1138.7/54

All: 3.453+/-0.414 χ^2/NDF: 2091.2/103

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -172.041+/-1.185 χ^2/NDF: 2959.5/25

Left Out: -175.470+/-0.974 χ^2/NDF:5103.8/24

Right Out: -179.361+/-0.936 χ^2/NDF: 5024.4/29

Left In: -184.774+/-0.987 χ^2/NDF:3082.4/22

Left: -180.060+/-0.693 χ^2/NDF: 8231.2/47

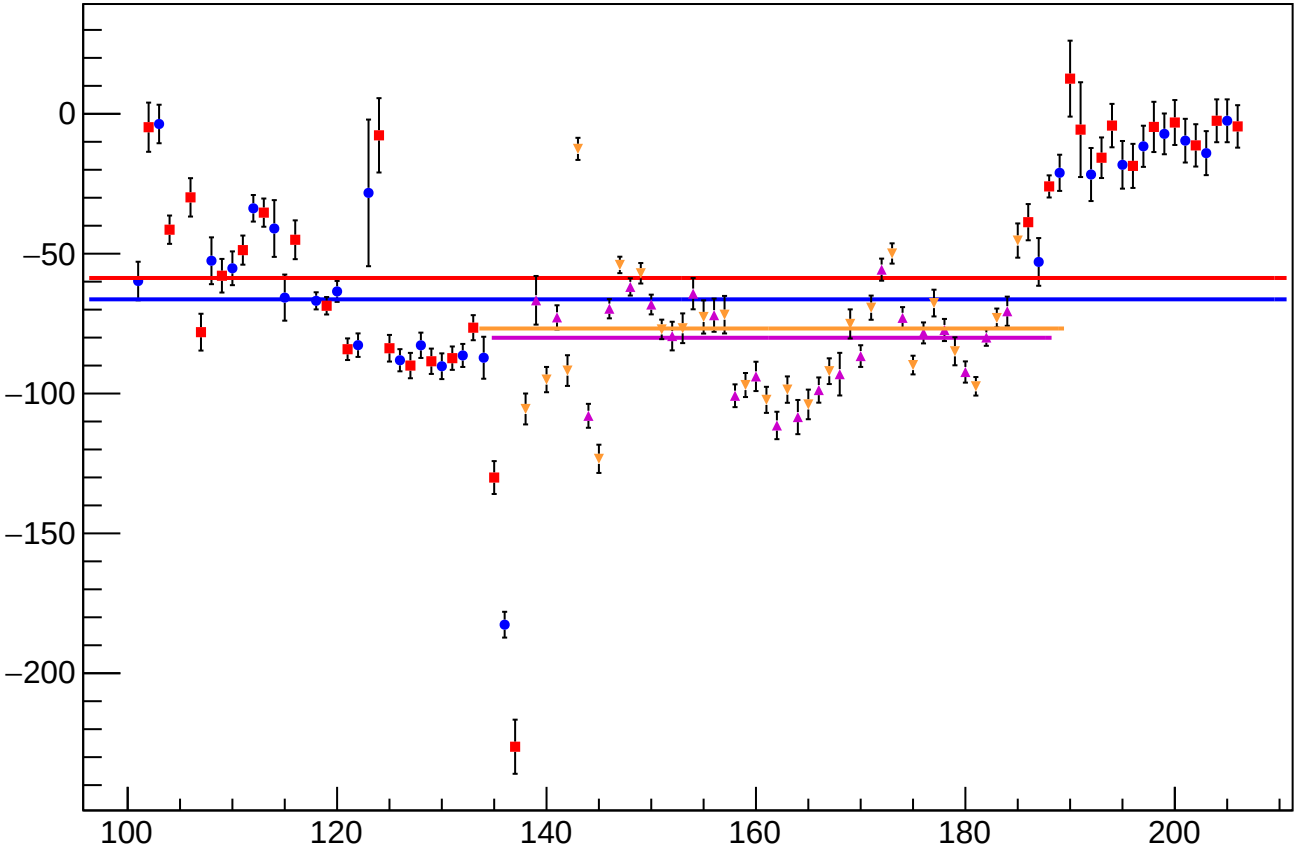
Right: -176.548+/-0.734 χ^2/NDF: 8007.4/55

In: -179.558+/-0.758 χ^2/NDF:6110.1/48

Out: -177.492+/-0.675 χ^2/NDF:10136.5/54

All: -178.405+/-0.504 χ^2/NDF: 16250.7/103

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -66.326+/-1.103 χ^2/NDF: 1291.7/25

Left Out: -76.747+/-0.861 χ^2/NDF:746.8/24

Right Out: -58.689+/-1.047 χ^2/NDF: 1255.0/29

Left In: -80.068+/-0.886 χ^2/NDF:286.8/22

Left: -78.359+/-0.617 χ^2/NDF: 1040.8/47

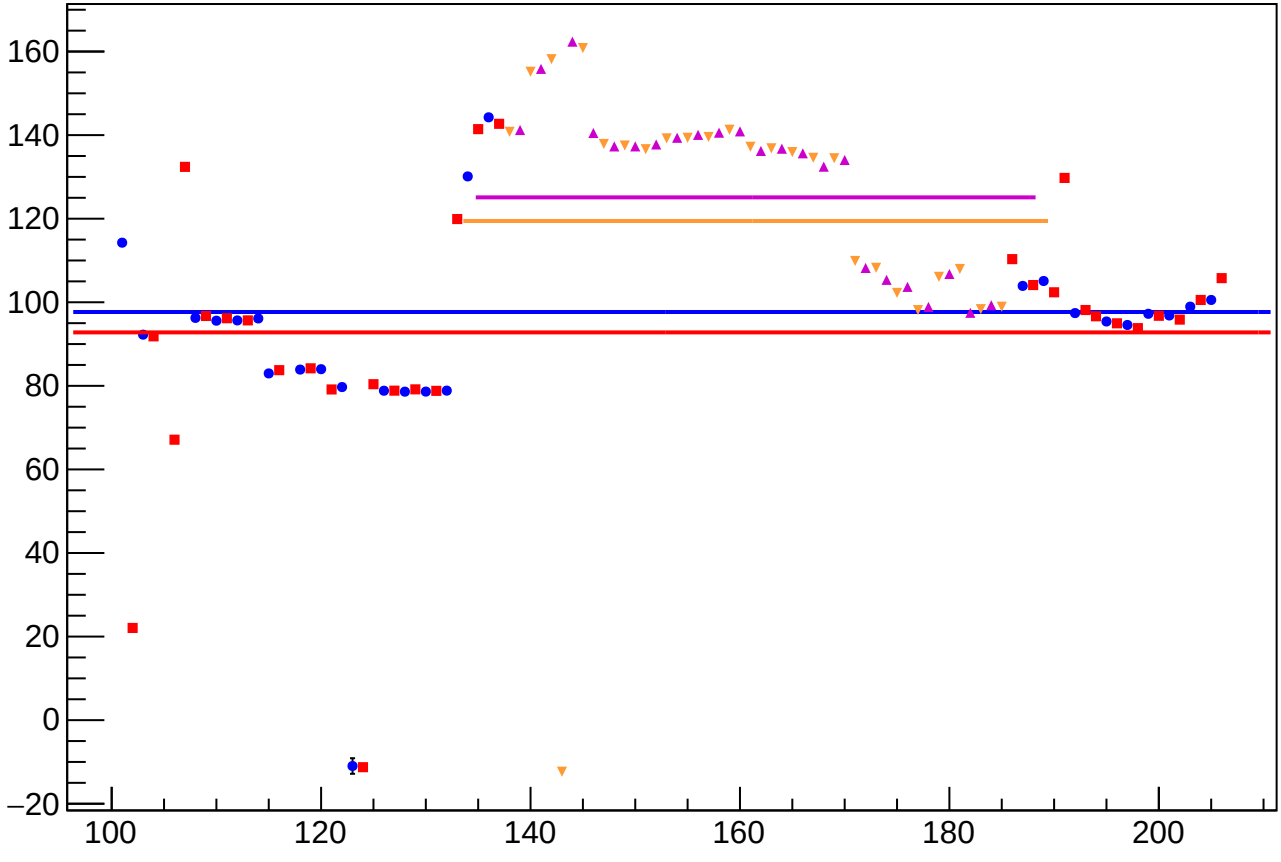
Right: -62.309+/-0.759 χ^2/NDF: 2571.9/55

In: -74.676+/-0.691 χ^2/NDF:1672.8/48

Out: -69.466+/-0.665 χ^2/NDF:2179.3/54

All: -71.971+/-0.479 χ^2/NDF: 3881.6/103

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.672+/-0.057 χ^2/NDF: 95636.6/25

Left Out: 119.448+/-0.041 χ^2/NDF:660075.8/24

Right Out: 92.791+/-0.051 χ^2/NDF: 243487.2/29

Left In: 125.101+/-0.041 χ^2/NDF:222793.3/22

Left: 122.242+/-0.029 χ^2/NDF: 892441.6/47

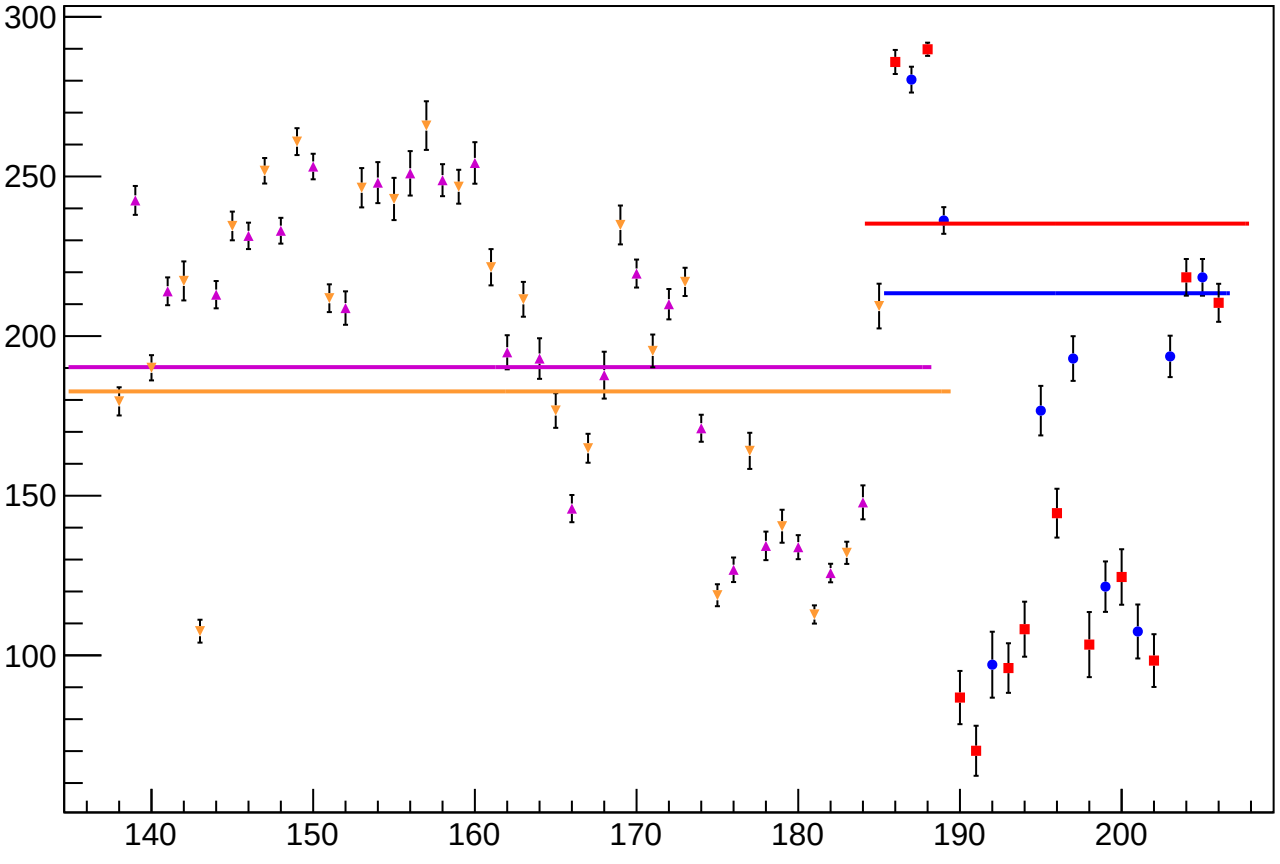
Right: 94.967+/-0.038 χ^2/NDF: 343190.6/55

In: 115.713+/-0.033 χ^2/NDF:470890.4/48

Out: 109.126+/-0.032 χ^2/NDF:1070267.5/54

All: 112.265+/-0.023 χ^2/NDF: 1561601.0/103

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 213.422+/-2.004 χ^2/NDF: 763.5/8

Left Out: 182.672+/-0.919 χ^2/NDF:3230.7/24

Right Out: 235.230+/-1.446 χ^2/NDF: 2948.0/11

Left In: 190.279+/-0.949 χ^2/NDF:2452.9/22

Left: 186.352+/-0.660 χ^2/NDF: 5716.7/47

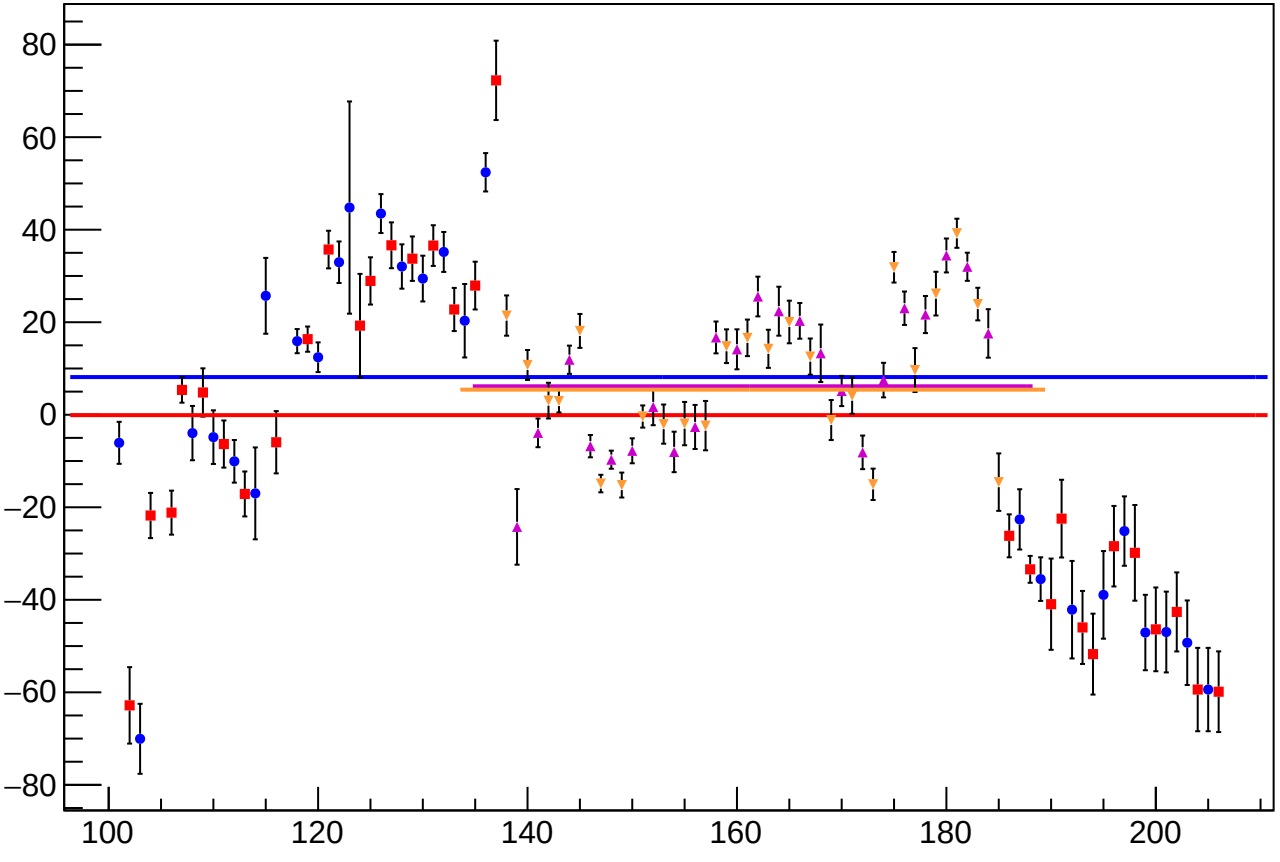
Right: 227.763+/-1.173 χ^2/NDF: 3789.3/20

In: 194.517+/-0.858 χ^2/NDF:3325.3/31

Out: 197.778+/-0.775 χ^2/NDF:7119.7/36

All: 196.312+/-0.575 χ^2/NDF: 10453.0/68

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.146+/-1.043 χ^2/NDF: 822.6/25

Left Out: 5.425+/-0.693 χ^2/NDF:525.2/24

Right Out: -0.085+/-0.937 χ^2/NDF: 980.2/29

Left In: 6.151+/-0.730 χ^2/NDF:410.6/22

Left: 5.769+/-0.502 χ^2/NDF: 936.2/47

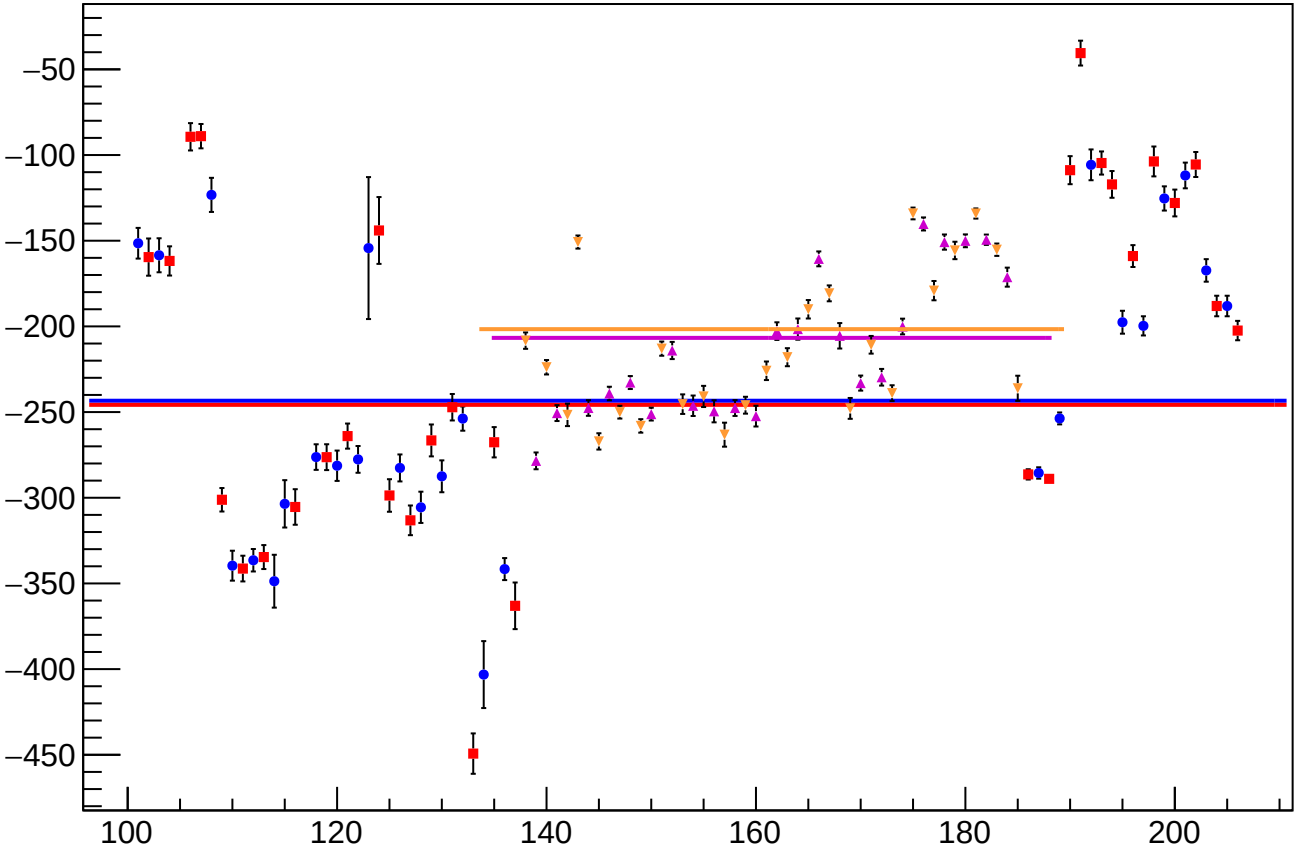
Right: 3.593+/-0.697 χ^2/NDF: 1837.4/55

In: 6.807+/-0.598 χ^2/NDF:1235.7/48

Out: 3.478+/-0.557 χ^2/NDF:1527.8/54

All: 5.025+/-0.408 χ^2/NDF: 2780.0/103

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -243.381+/-1.359 χ^2/NDF: 2488.3/25

Left Out: -201.610+/-0.922 χ^2/NDF:2462.4/24

Right Out: -245.780+/-1.042 χ^2/NDF: 5824.4/29

Left In: -206.700+/-0.946 χ^2/NDF:2134.9/22

Left: -204.091+/-0.660 χ^2/NDF: 4612.2/47

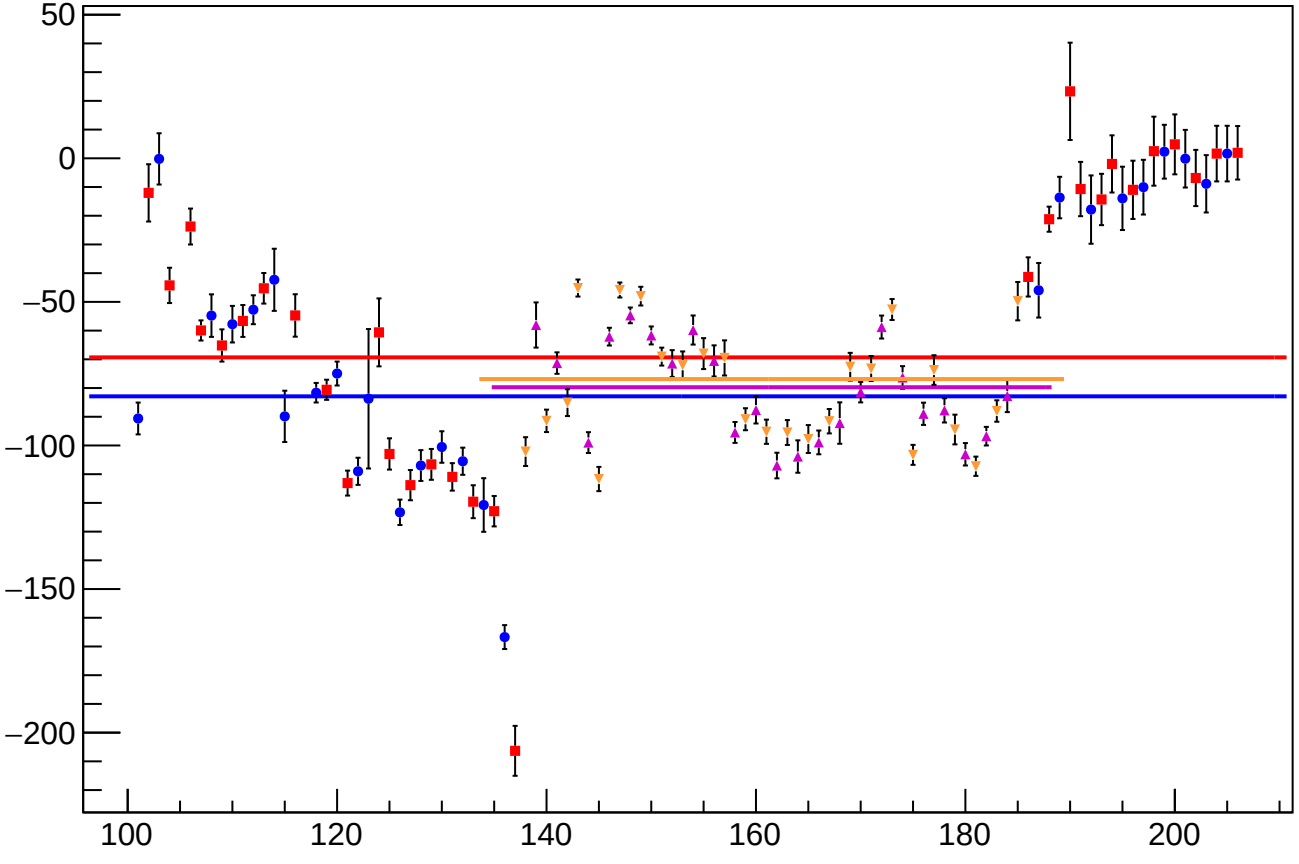
Right: -244.892+/-0.827 χ^2/NDF: 8314.7/55

In: -218.672+/-0.777 χ^2/NDF:5113.9/48

Out: -221.015+/-0.691 χ^2/NDF:9294.1/54

All: -219.980+/-0.516 χ^2/NDF: 14413.1/103

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -82.893+/-1.221 χ^2/NDF: 1276.7/25

Left Out: -76.870+/-0.802 χ^2/NDF:758.7/24

Right Out: -69.327+/-1.118 χ^2/NDF: 1475.2/29

Left In: -79.719+/-0.837 χ^2/NDF:415.2/22

Left: -78.232+/-0.579 χ^2/NDF: 1179.9/47

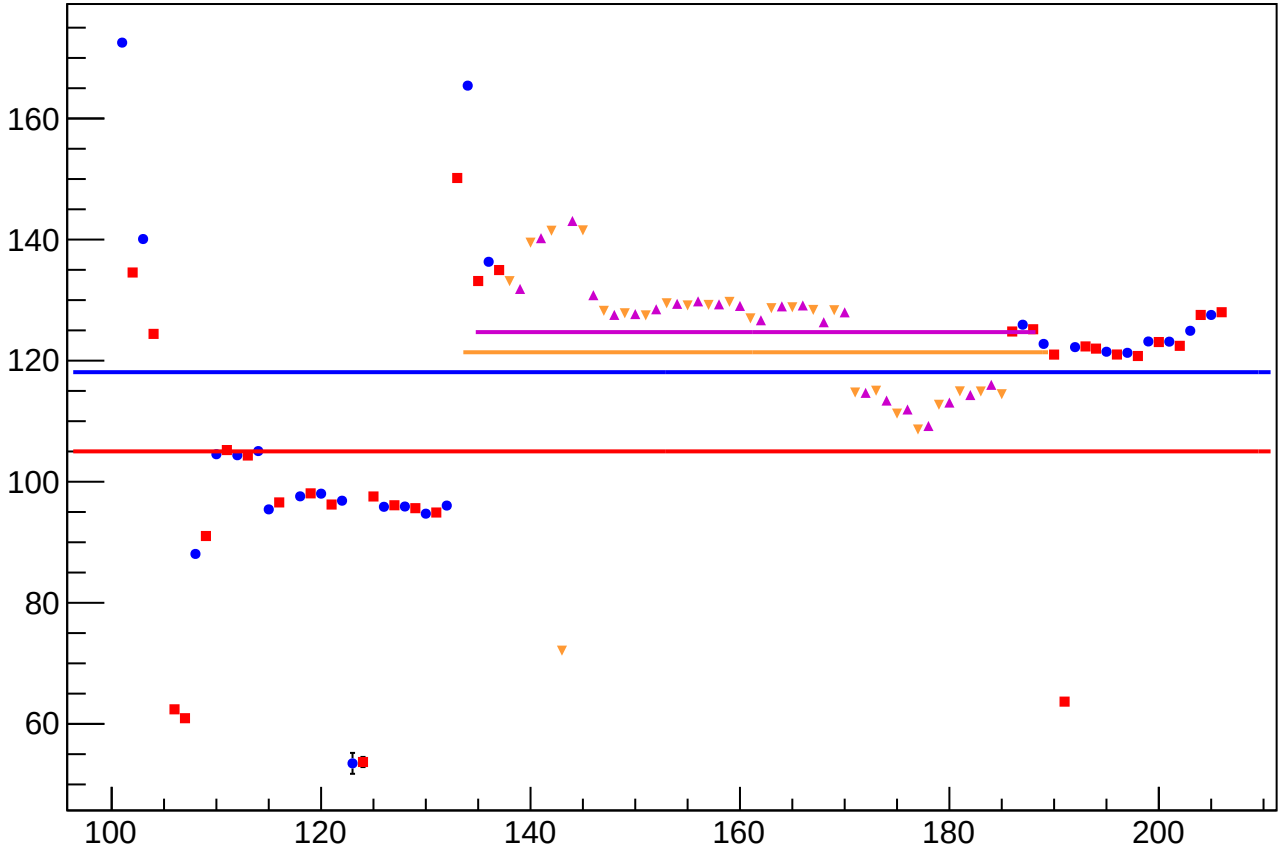
Right: -75.514+/-0.825 χ^2/NDF: 2819.0/55

In: -80.734+/-0.691 χ^2/NDF:1696.5/48

Out: -74.310+/-0.652 χ^2/NDF:2264.0/54

All: -77.335+/-0.474 χ^2/NDF: 4006.2/103

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 118.097+/-0.064 χ^2/NDF: 109529.5/25

Left Out: 121.385+/-0.038 χ^2/NDF:164871.1/24

Right Out: 105.013+/-0.055 χ^2/NDF: 240289.0/29

Left In: 124.714+/-0.039 χ^2/NDF:51750.7/22

Left: 123.014+/-0.027 χ^2/NDF: 220328.2/47

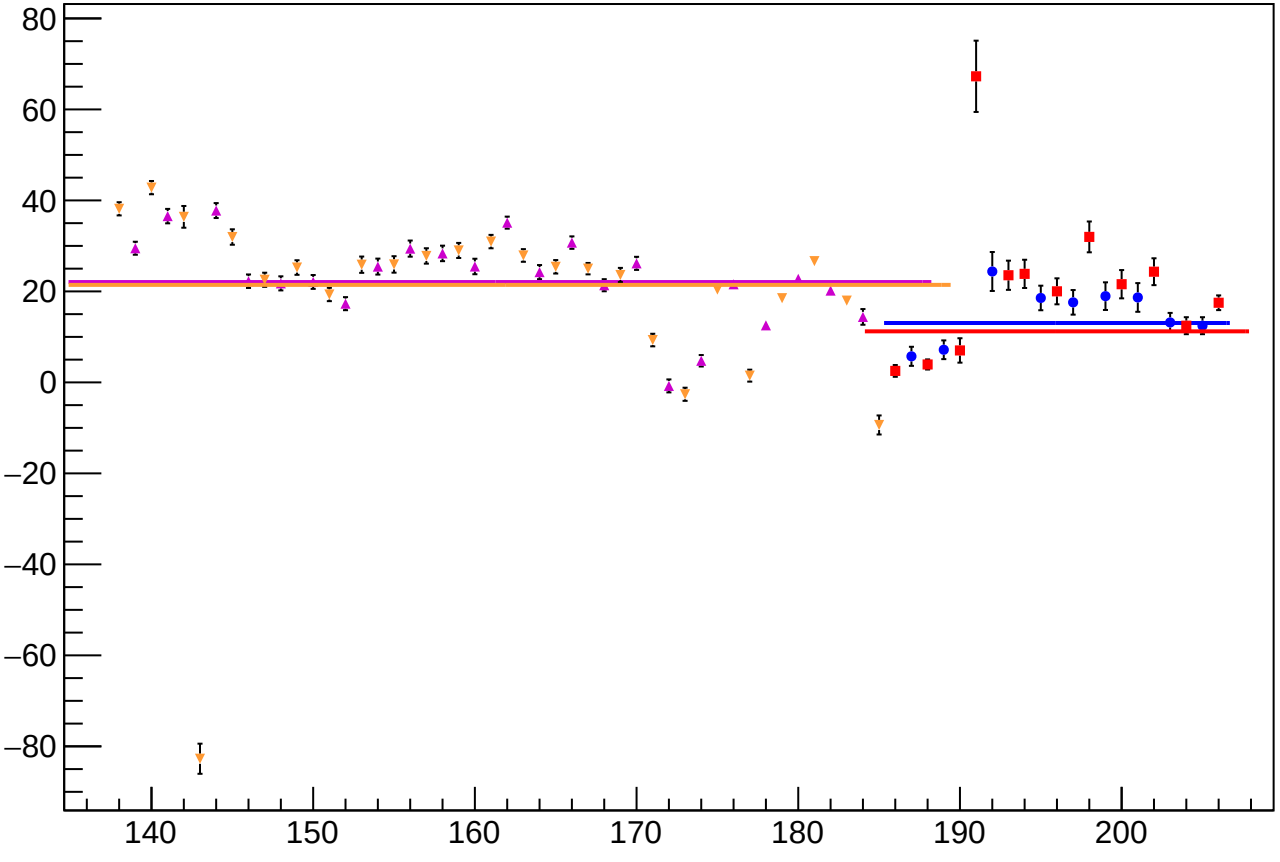
Right: 110.508+/-0.042 χ^2/NDF: 373720.5/55

In: 122.935+/-0.033 χ^2/NDF:168986.7/48

Out: 116.027+/-0.031 χ^2/NDF:465106.9/54

All: 119.264+/-0.023 χ^2/NDF: 656810.3/103

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 13.055+/-0.813 χ^2/NDF: 41.4/8

Left Out: 21.435+/-0.283 χ^2/NDF:2406.2/24

Right Out: 11.219+/-0.592 χ^2/NDF: 266.2/11

Left In: 22.055+/-0.284 χ^2/NDF:941.3/22

Left: 21.743+/-0.200 χ^2/NDF: 3349.9/47

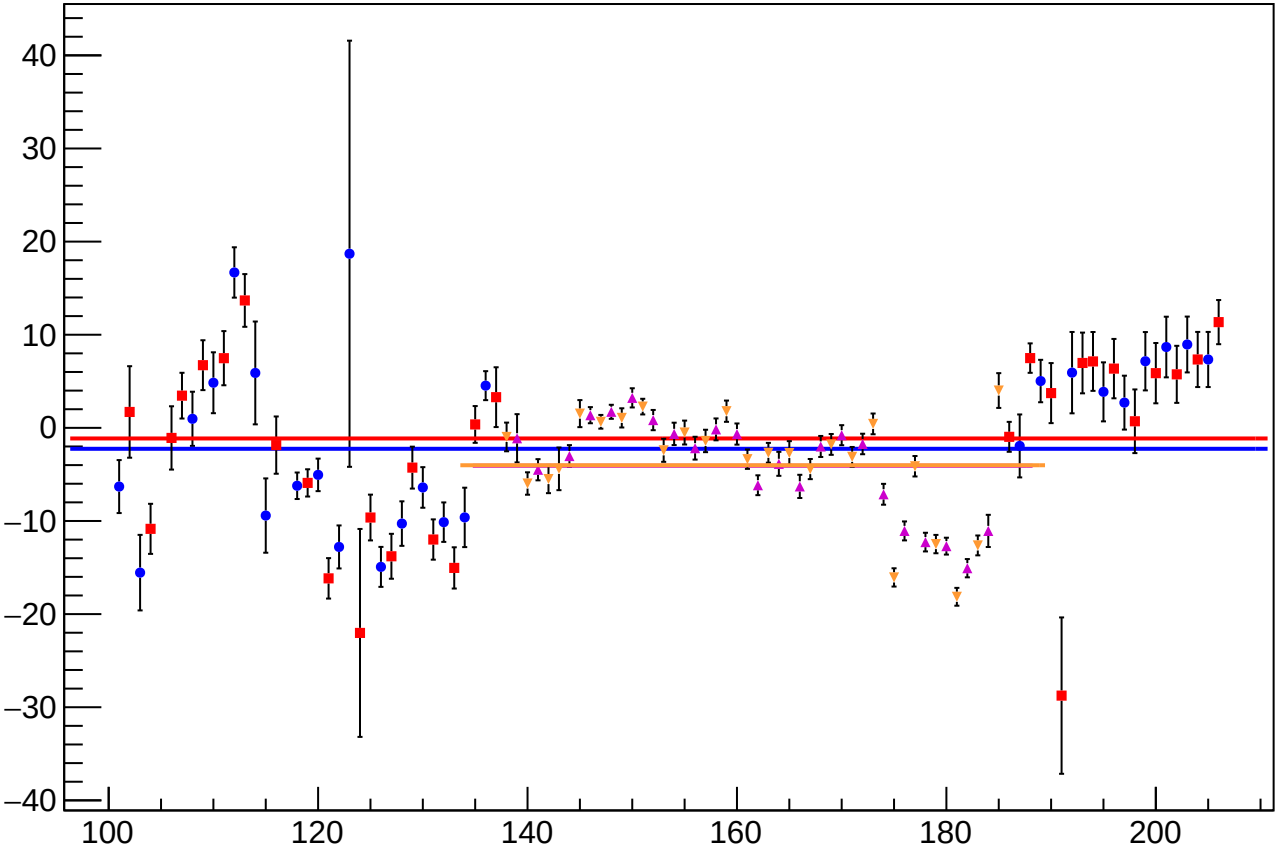
Right: 11.856+/-0.478 χ^2/NDF: 310.9/20

In: 21.073+/-0.268 χ^2/NDF:1091.9/31

Out: 19.538+/-0.255 χ^2/NDF:2915.0/36

All: 20.267+/-0.185 χ^2/NDF: 4024.2/68

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.248+/-0.503 χ^2/NDF: 258.3/25

Left Out: -4.015+/-0.223 χ^2/NDF:731.7/24

Right Out: -1.140+/-0.462 χ^2/NDF: 339.7/29

Left In: -4.069+/-0.227 χ^2/NDF:580.1/22

Left: -4.042+/-0.159 χ^2/NDF: 1311.8/47

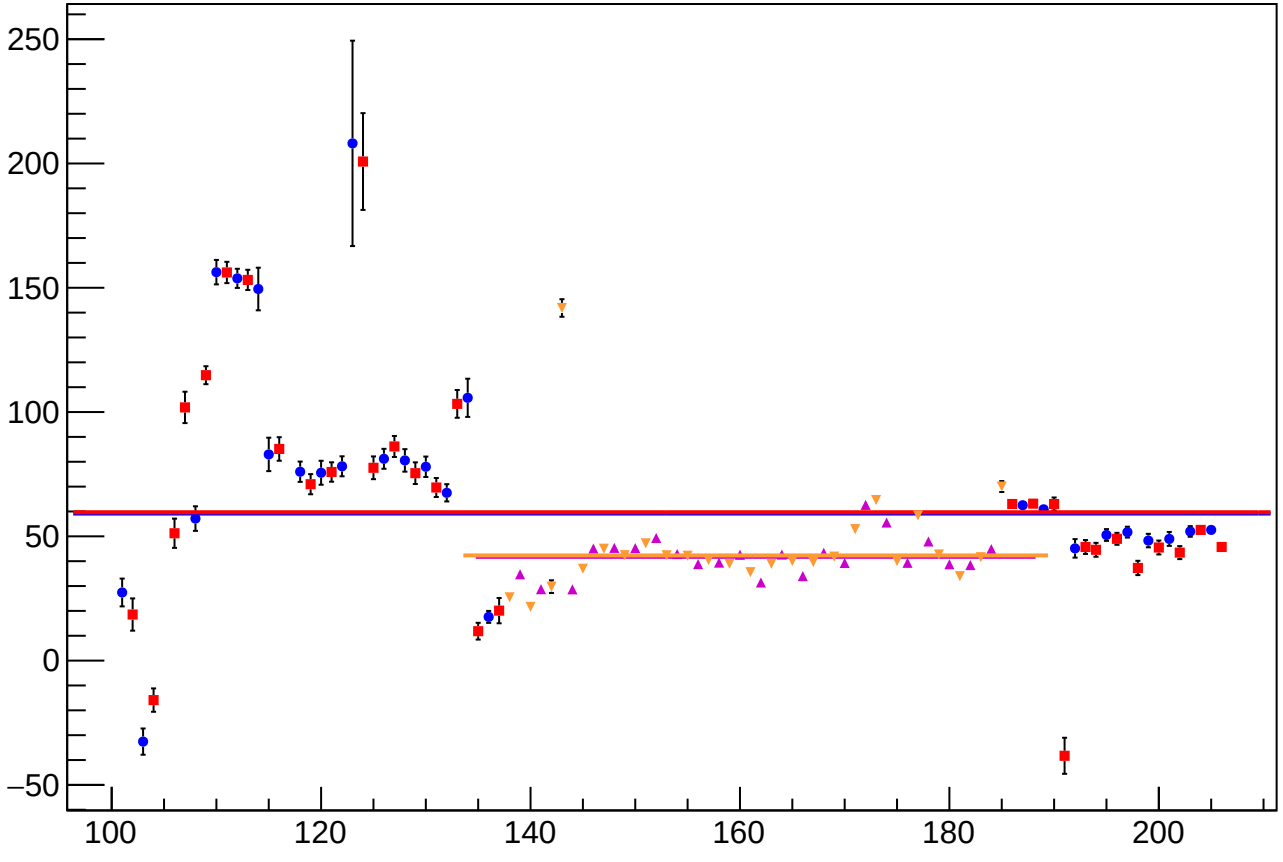
Right: -1.647+/-0.340 χ^2/NDF: 600.6/55

In: -3.760+/-0.207 χ^2/NDF:849.2/48

Out: -3.471+/-0.201 χ^2/NDF:1102.7/54

All: -3.611+/-0.144 χ^2/NDF: 1952.9/103

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 59.165+/-0.606 χ^2/NDF: 2028.0/25

Left Out: 42.322+/-0.282 χ^2/NDF:1855.5/24

Right Out: 59.696+/-0.461 χ^2/NDF: 2619.7/29

Left In: 41.755+/-0.283 χ^2/NDF:659.6/22

Left: 42.039+/-0.200 χ^2/NDF: 2517.1/47

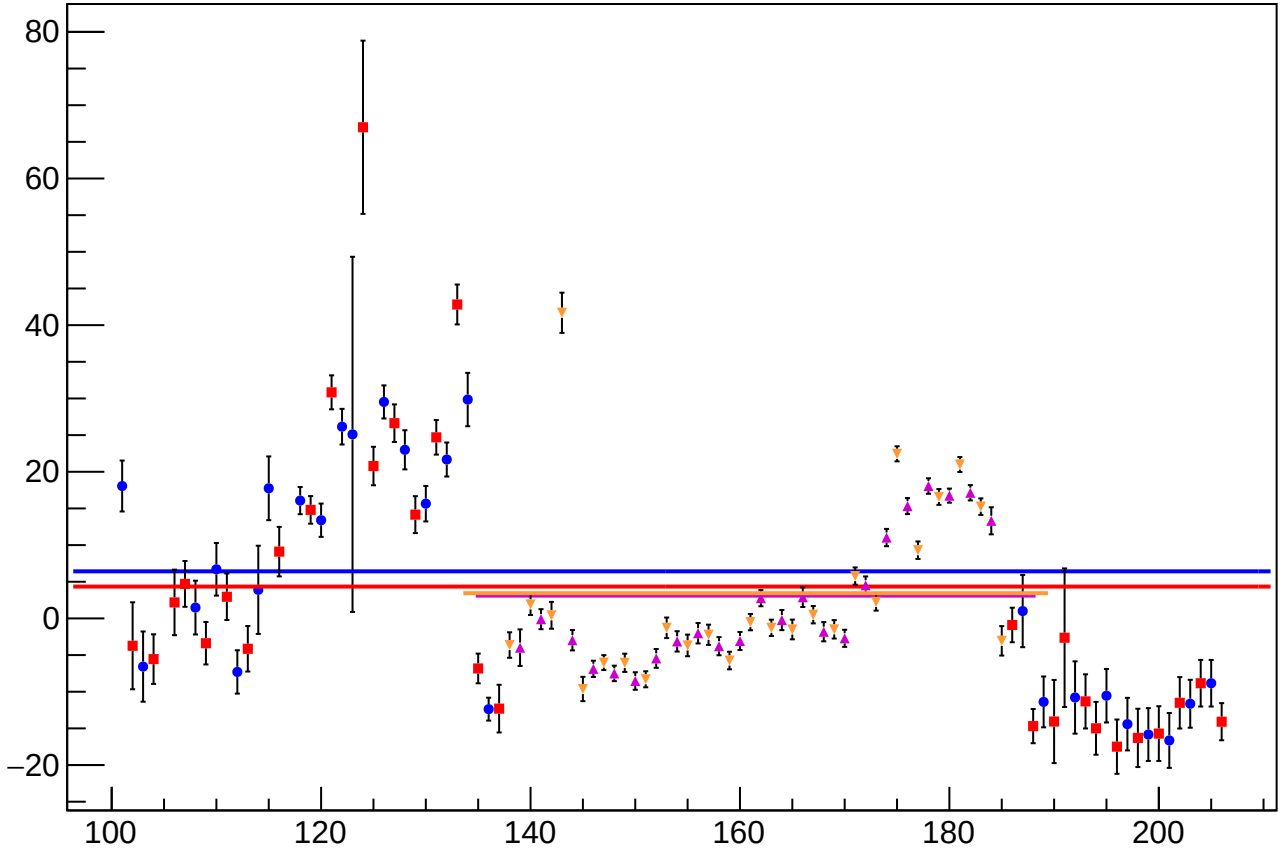
Right: 59.501+/-0.367 χ^2/NDF: 4648.2/55

In: 44.870+/-0.256 χ^2/NDF:3364.7/48

Out: 47.057+/-0.241 χ^2/NDF:5509.0/54

All: 46.033+/-0.175 χ^2/NDF: 8912.4/103

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421+/-0.581 χ^2/NDF: 764.2/25

Left Out: 3.439+/-0.252 χ^2/NDF:1647.7/24

Right Out: 4.343+/-0.545 χ^2/NDF: 988.6/29

Left In: 3.114+/-0.256 χ^2/NDF:1273.1/22

Left: 3.279+/-0.180 χ^2/NDF: 2921.5/47

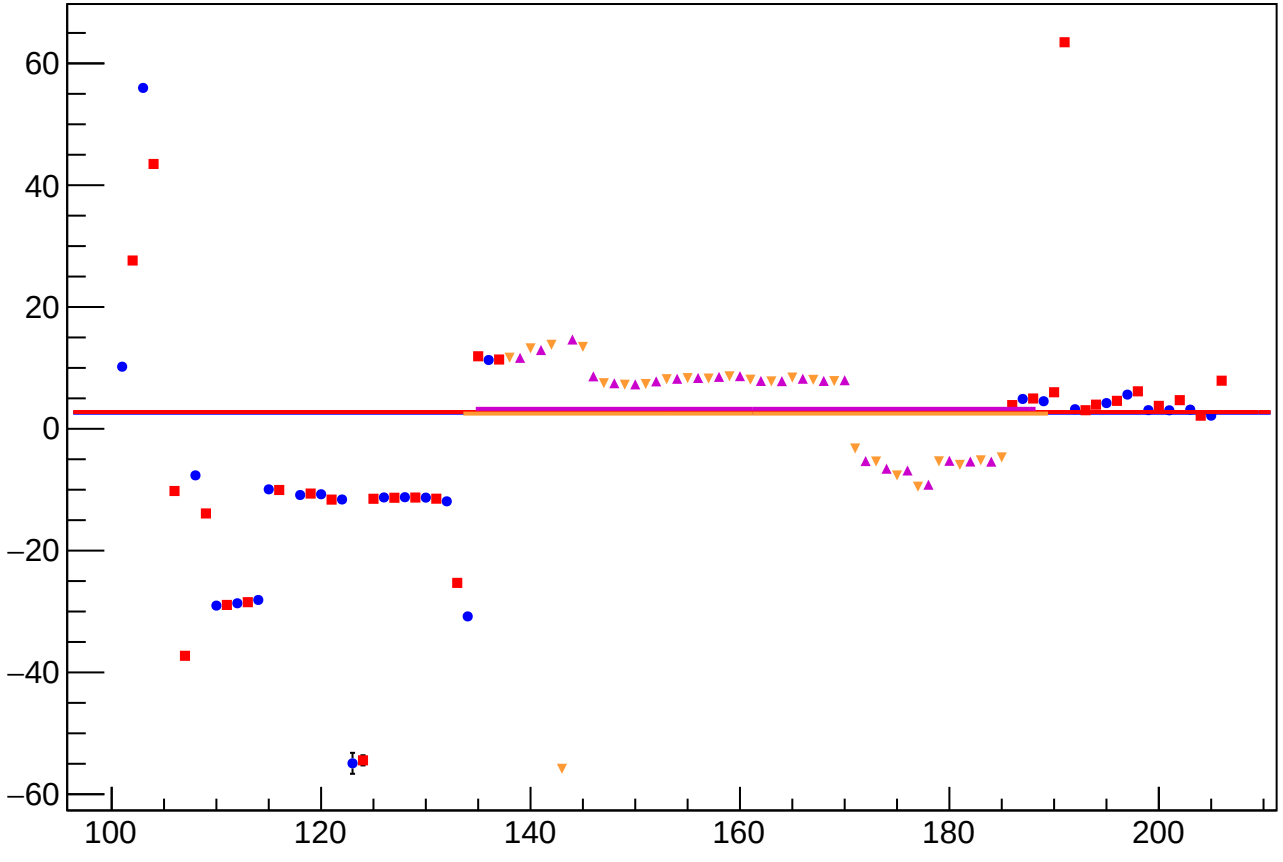
Right: 5.317+/-0.397 χ^2/NDF: 1759.7/55

In: 3.654+/-0.234 χ^2/NDF:2064.5/48

Out: 3.599+/-0.229 χ^2/NDF:2638.5/54

All: 3.626+/-0.164 χ^2/NDF: 4703.0/103

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.641+/-0.028 χ^2/NDF: 361008.3/25

Left Out: 2.497+/-0.012 χ^2/NDF:588138.5/24

Right Out: 2.757+/-0.025 χ^2/NDF: 429007.6/29

Left In: 3.281+/-0.012 χ^2/NDF:409605.3/22

Left: 2.888+/-0.008 χ^2/NDF: 1000035.7/47

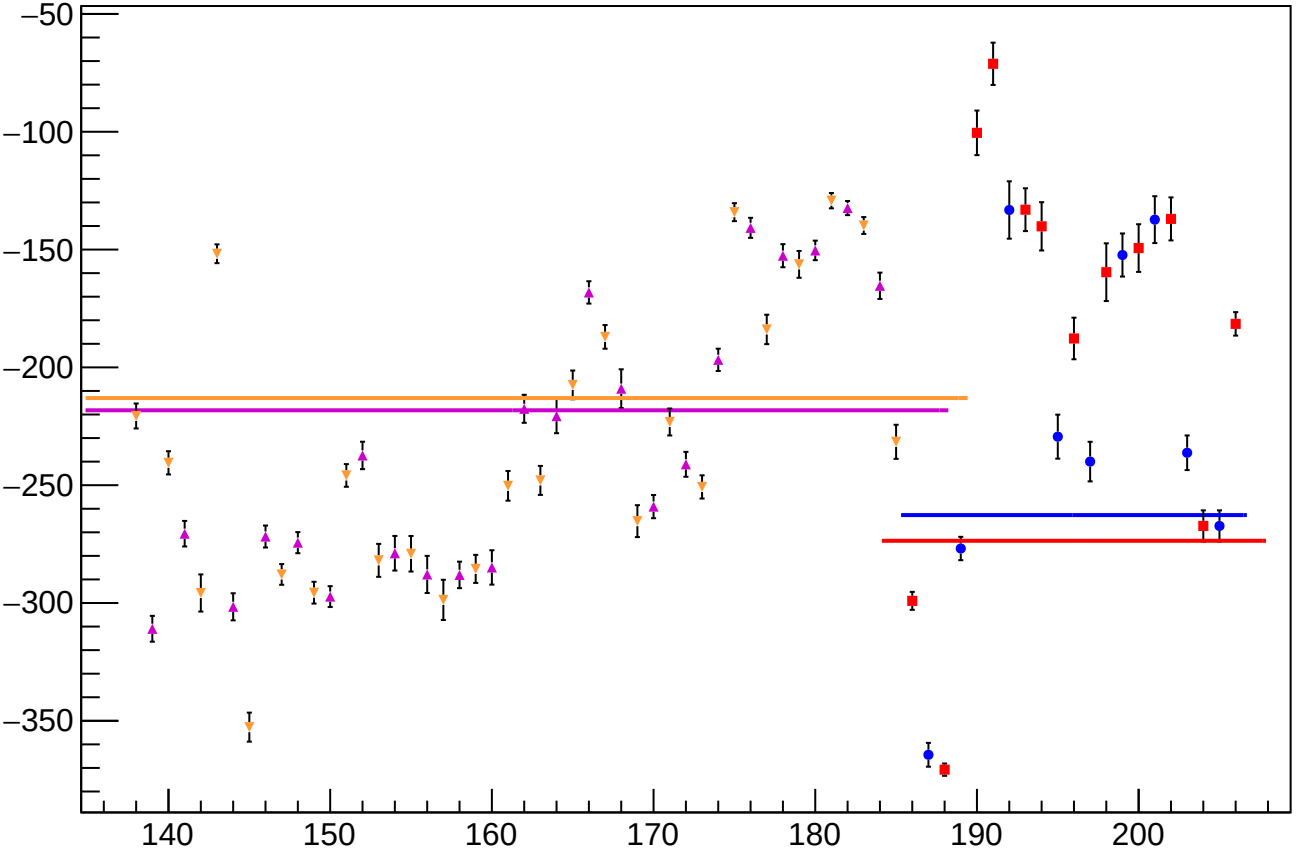
Right: 2.704+/-0.019 χ^2/NDF: 790025.3/55

In: 3.187+/-0.011 χ^2/NDF:771062.7/48

Out: 2.541+/-0.011 χ^2/NDF:1017232.4/54

All: 2.858+/-0.008 χ^2/NDF: 1790141.3/103

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -262.684+/-2.387 χ^2/NDF: 863.4/8

Left Out: -213.020+/-1.035 χ^2/NDF:3826.2/24

Right Out: -273.593+/-1.655 χ^2/NDF: 3578.8/11

Left In: -218.216+/-1.063 χ^2/NDF:3499.0/22

Left: -215.550+/-0.742 χ^2/NDF: 7337.5/47

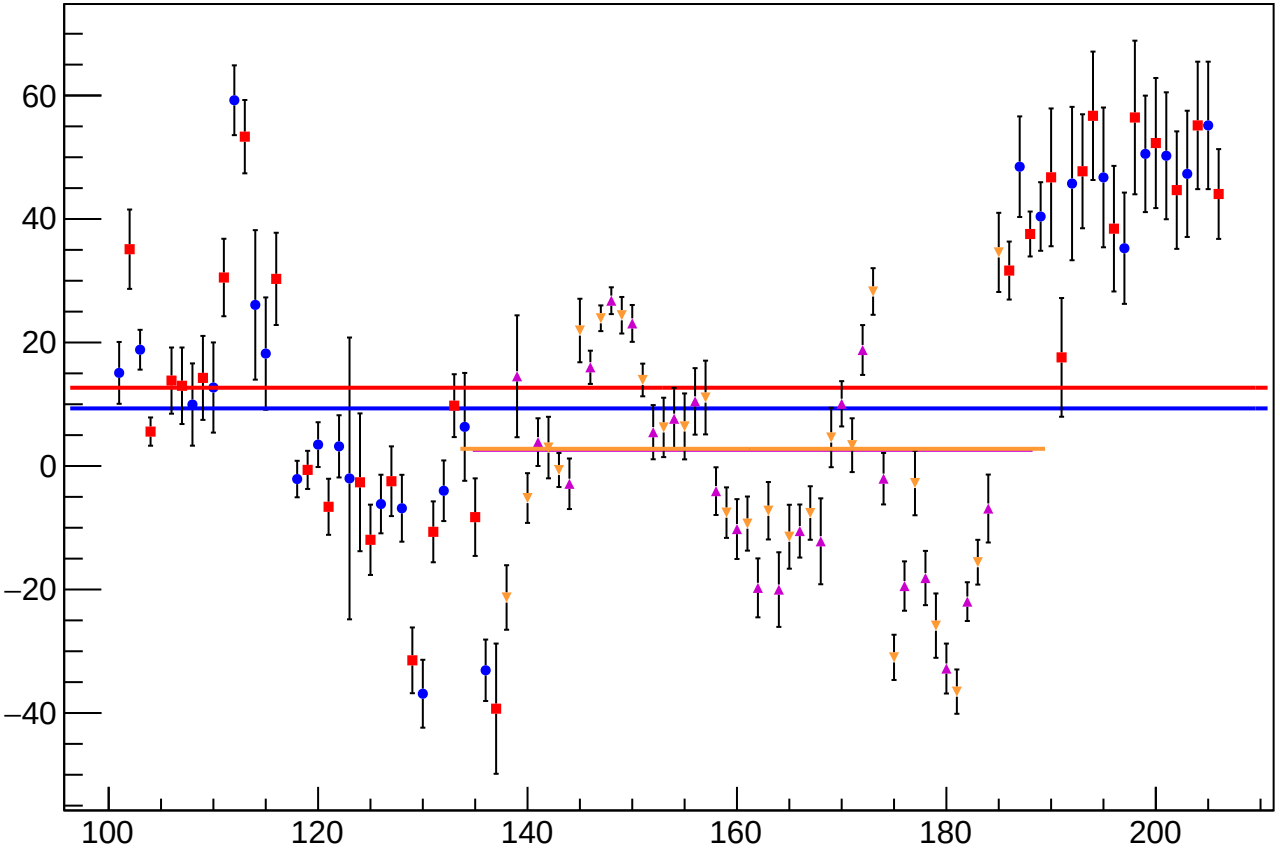
Right: -270.051+/-1.360 χ^2/NDF: 4456.3/20

In: -225.575+/-0.971 χ^2/NDF:4652.0/31

Out: -230.059+/-0.878 χ^2/NDF:8367.7/36

All: -228.042+/-0.651 χ^2/NDF: 13031.5/68

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.328+/-1.132 χ^2/NDF: 431.4/25

Left Out: 2.786+/-0.780 χ^2/NDF:582.0/24

Right Out: 12.675+/-1.017 χ^2/NDF: 458.7/29

Left In: 2.619+/-0.821 χ^2/NDF:477.6/22

Left: 2.707+/-0.565 χ^2/NDF: 1059.7/47

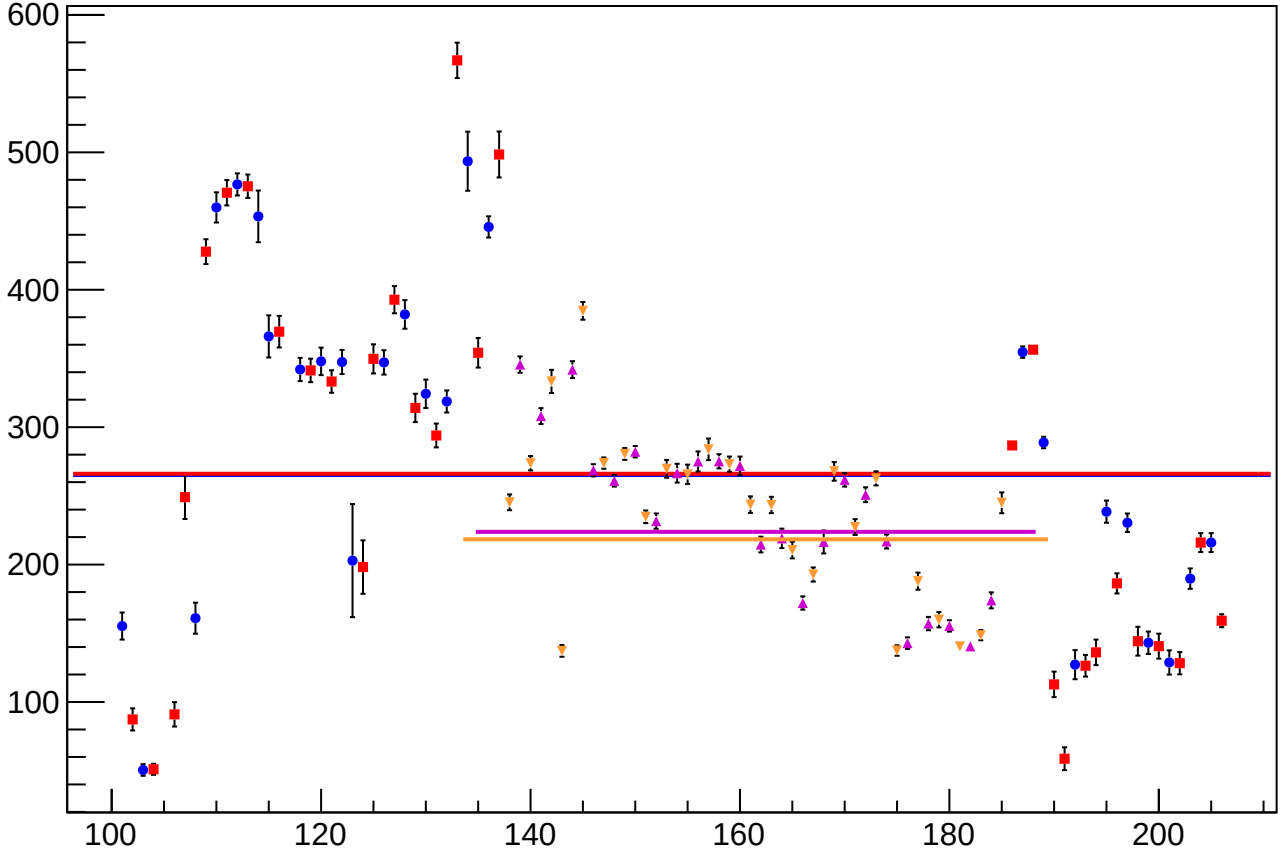
Right: 11.181+/-0.756 χ^2/NDF: 894.9/55

In: 4.929+/-0.664 χ^2/NDF:932.0/48

Out: 6.451+/-0.619 χ^2/NDF:1100.3/54

All: 5.744+/-0.453 χ^2/NDF: 2035.1/103

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 265.186+/-1.513 χ^2/NDF: 6446.1/25

Left Out: 218.389+/-1.038 χ^2/NDF:3696.7/24

Right Out: 266.093+/-1.163 χ^2/NDF: 11032.1/29

Left In: 223.827+/-1.058 χ^2/NDF:3444.7/22

Left: 221.054+/-0.741 χ^2/NDF: 7154.8/47

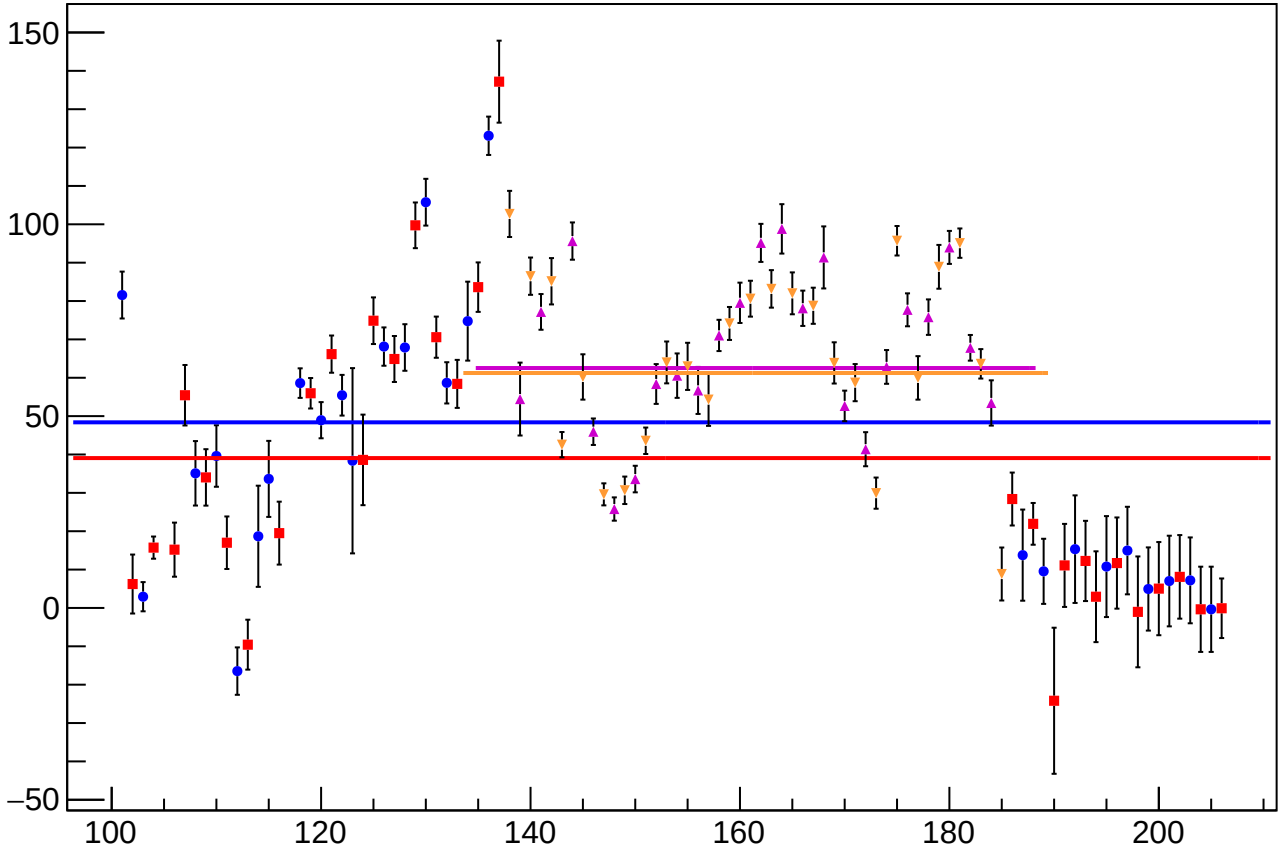
Right: 265.756+/-0.922 χ^2/NDF: 17478.4/55

In: 237.417+/-0.867 χ^2/NDF:10392.5/48

Out: 239.536+/-0.774 χ^2/NDF:15665.6/54

All: 238.596+/-0.578 χ^2/NDF: 26061.3/103

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 48.382+/-1.328 χ^2/NDF: 763.3/25

Left Out: 61.240+/-0.903 χ^2/NDF:718.8/24

Right Out: 39.063+/-1.218 χ^2/NDF: 667.0/29

Left In: 62.538+/-0.940 χ^2/NDF:520.0/22

Left: 61.862+/-0.651 χ^2/NDF: 1239.8/47

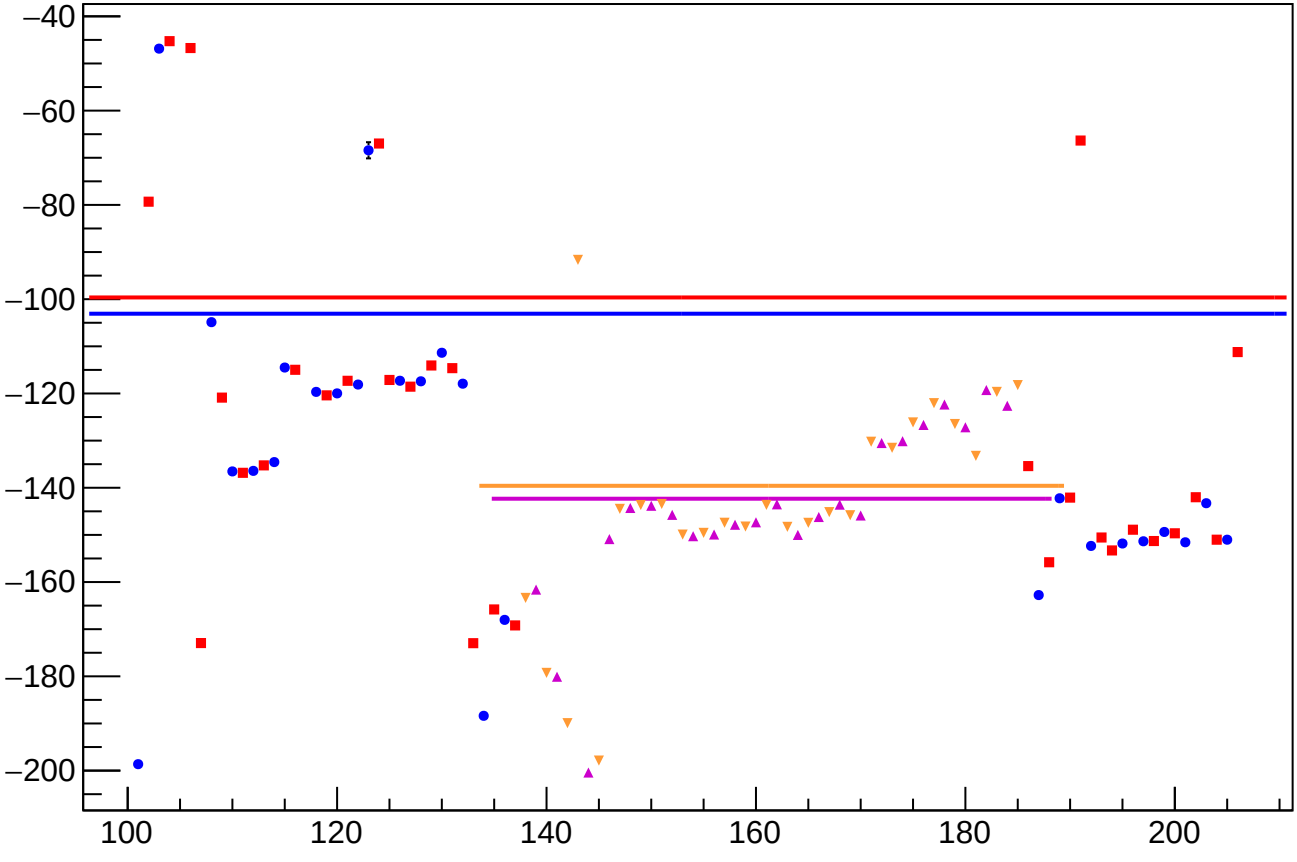
Right: 43.318+/-0.898 χ^2/NDF: 1457.0/55

In: 57.812+/-0.767 χ^2/NDF:1358.9/48

Out: 53.375+/-0.725 χ^2/NDF:1599.9/54

All: 55.468+/-0.527 χ^2/NDF: 2976.5/103

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -103.080+/-0.060 χ^2/NDF: 689827.4/25

Left Out: -139.585+/-0.043 χ^2/NDF:243895.1/24

Right Out: -99.632+/-0.055 χ^2/NDF: 726997.1/29

Left In: -142.326+/-0.044 χ^2/NDF:144642.3/22

Left: -140.930+/-0.031 χ^2/NDF: 390521.6/47

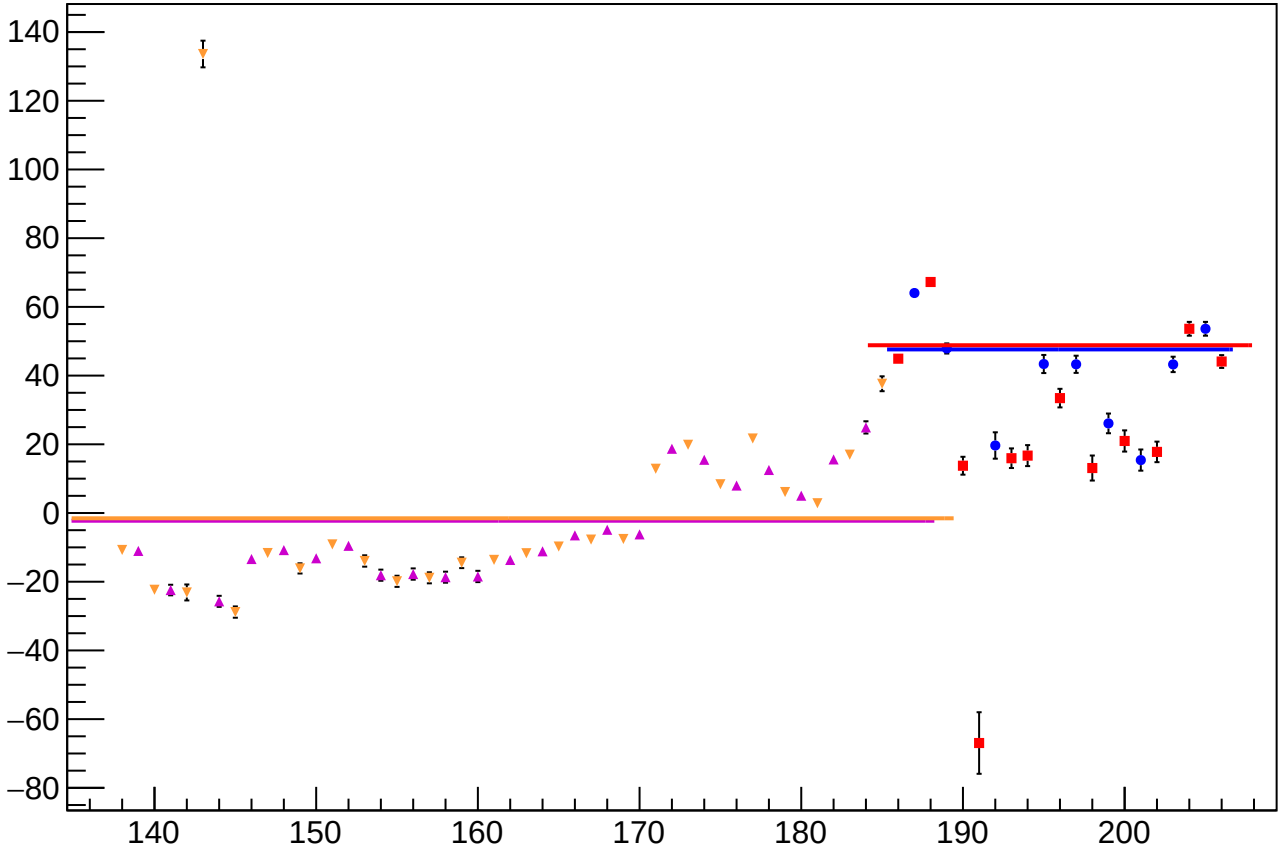
Right: -101.199+/-0.041 χ^2/NDF: 1418614.3/55

In: -128.699+/-0.035 χ^2/NDF:1111876.0/48

Out: -124.372+/-0.034 χ^2/NDF:1298108.6/54

All: -126.438+/-0.025 χ^2/NDF: 2417760.6/10

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 47.623+/-0.704 χ^2/NDF: 375.9/8

Left Out: -1.540+/-0.268 χ^2/NDF:4129.1/24

Right Out: 48.836+/-0.479 χ^2/NDF: 1507.3/11

Left In: -2.244+/-0.270 χ^2/NDF:2561.6/22

Left: -1.890+/-0.190 χ^2/NDF: 6694.2/47

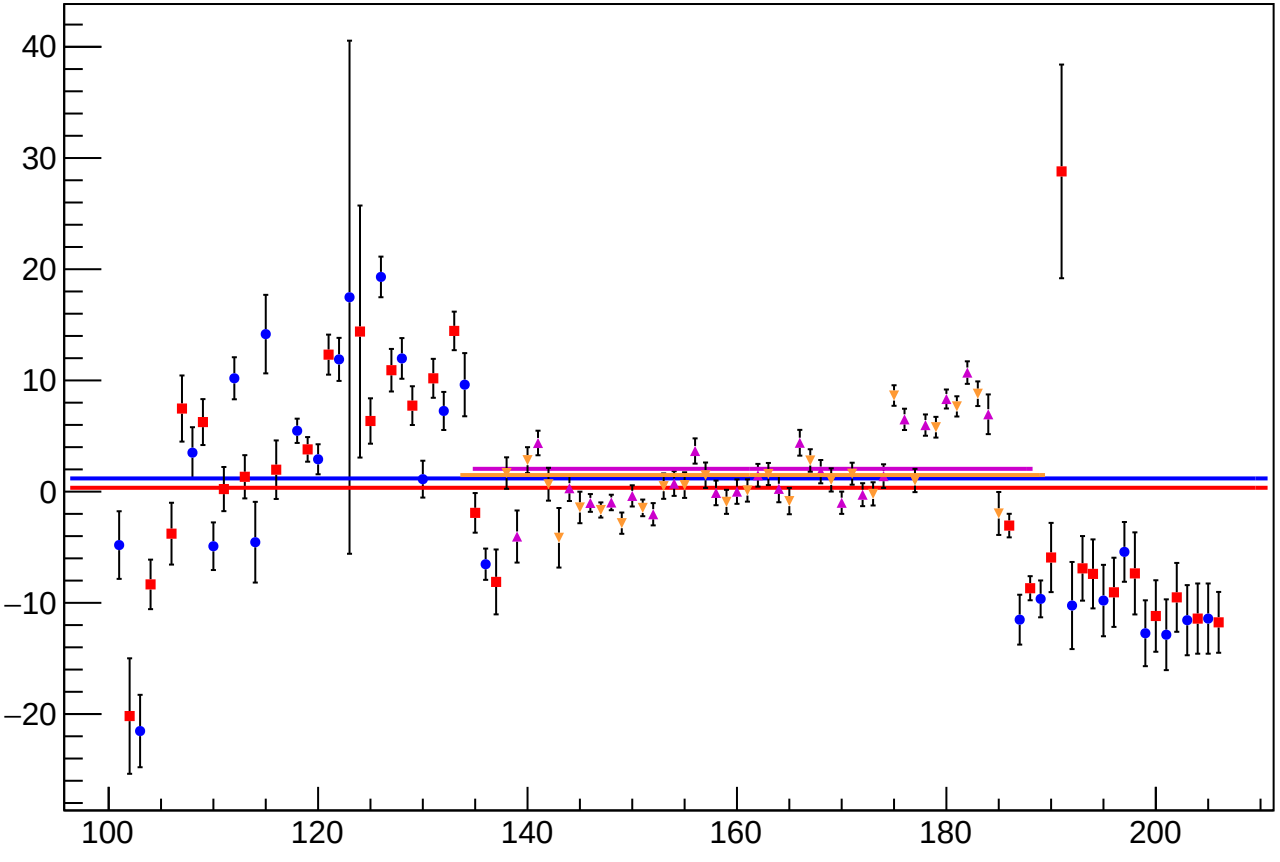
Right: 48.452+/-0.396 χ^2/NDF: 1885.2/20

In: 4.135+/-0.252 χ^2/NDF:7316.4/31

Out: 10.451+/-0.234 χ^2/NDF:14064.2/36

All: 7.527+/-0.171 χ^2/NDF: 21718.7/68

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.188+/-0.411 χ^2/NDF: 508.2/25

Left Out: 1.492+/-0.210 χ^2/NDF:258.3/24

Right Out: 0.347+/-0.374 χ^2/NDF: 443.2/29

Left In: 2.051+/-0.215 χ^2/NDF:275.4/22

Left: 1.766+/-0.150 χ^2/NDF: 537.2/47

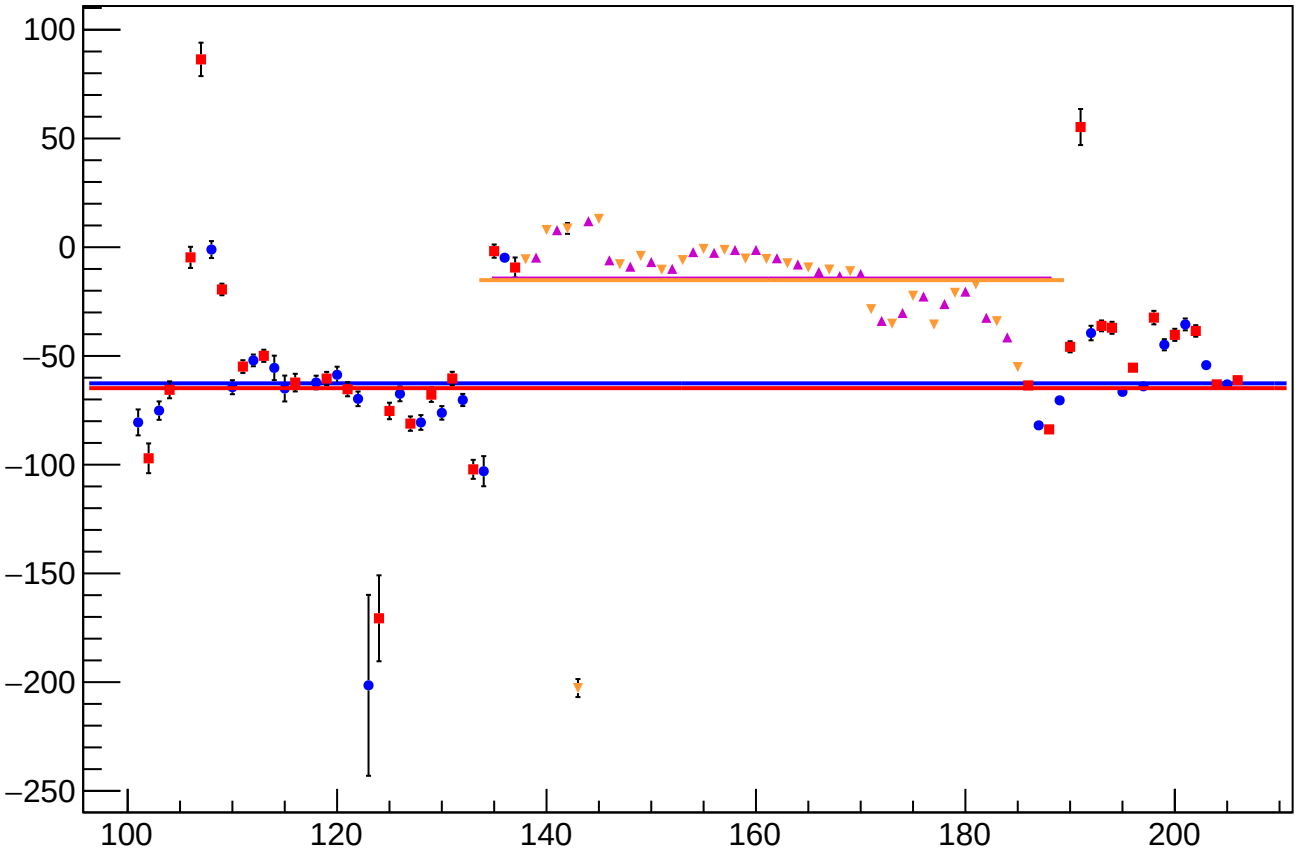
Right: 0.728+/-0.277 χ^2/NDF: 953.6/55

In: 1.866+/-0.190 χ^2/NDF:787.0/48

Out: 1.217+/-0.183 χ^2/NDF:708.6/54

All: 1.529+/-0.132 χ^2/NDF: 1501.6/103

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.604+/-0.500 χ^2/NDF: 1640.0/25

Left Out: -15.140+/-0.267 χ^2/NDF:4451.9/24

Right Out: -64.809+/-0.363 χ^2/NDF: 3341.3/29

Left In: -14.415+/-0.268 χ^2/NDF:2065.7/22

Left: -14.779+/-0.189 χ^2/NDF: 6521.3/47

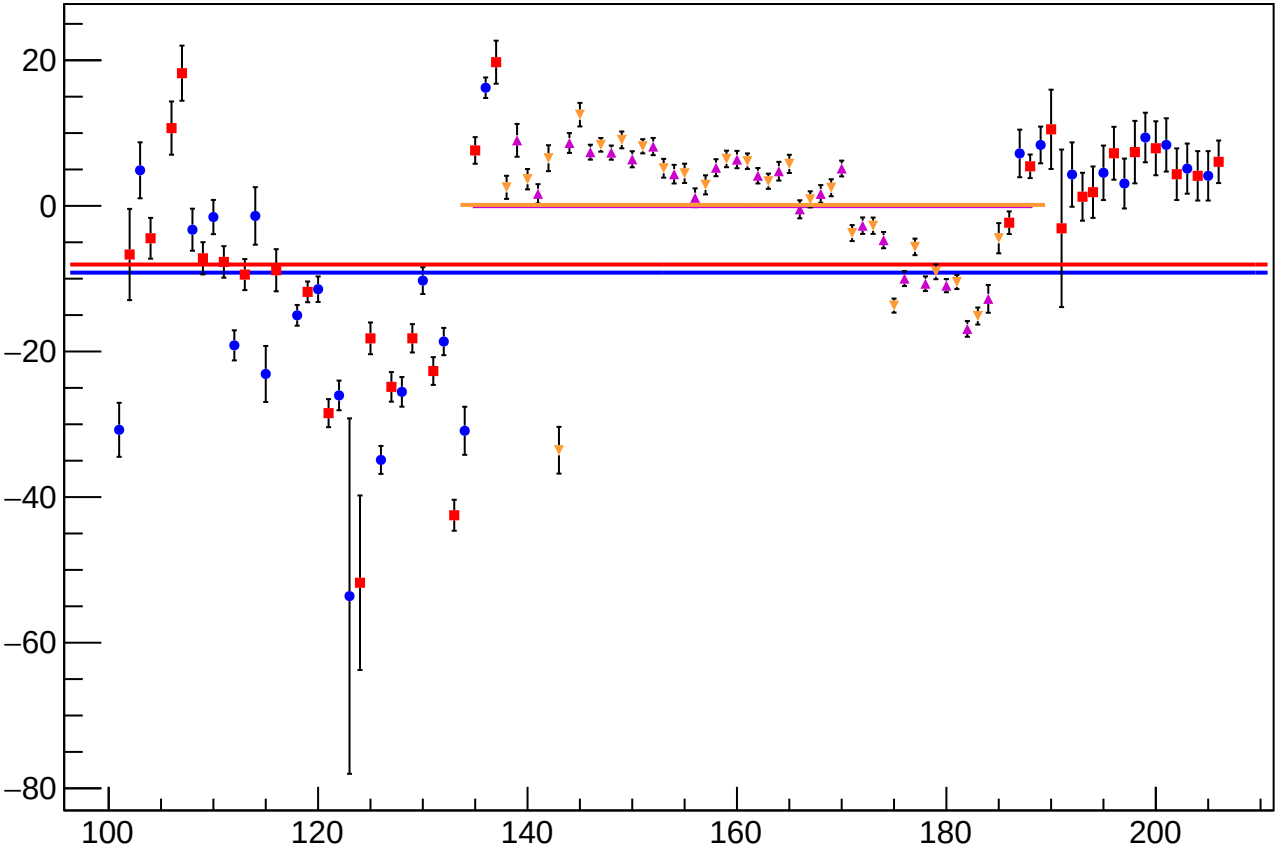
Right: -64.049+/-0.294 χ^2/NDF: 4994.1/55

In: -25.174+/-0.236 χ^2/NDF:10921.2/48

Out: -32.592+/-0.215 χ^2/NDF:19965.9/54

All: -29.233+/-0.159 χ^2/NDF: 31426.5/103

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.169+/-0.480 χ^2/NDF: 1024.5/25

Left Out: 0.133+/-0.238 χ^2/NDF:1146.9/24

Right Out: -8.057+/-0.450 χ^2/NDF: 1017.6/29

Left In: -0.036+/-0.242 χ^2/NDF:1027.6/22

Left: 0.049+/-0.170 χ^2/NDF: 2174.8/47

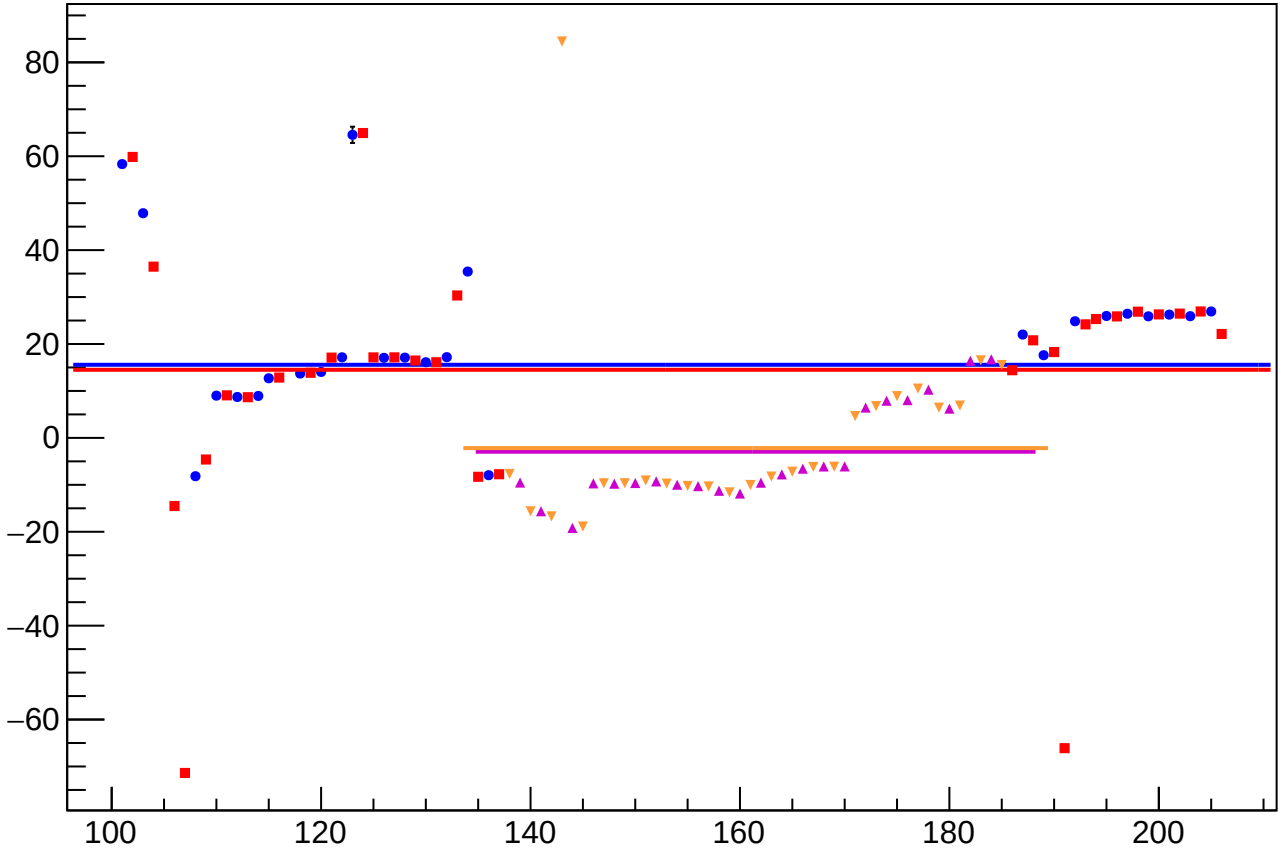
Right: -8.577+/-0.328 χ^2/NDF: 2045.0/55

In: -1.894+/-0.216 χ^2/NDF:2341.0/48

Out: -1.664+/-0.211 χ^2/NDF:2423.5/54

All: -1.776+/-0.151 χ^2/NDF: 4765.1/103

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.574+/-0.024 χ^2/NDF: 466584.4/25

Left Out: -2.176+/-0.011 χ^2/NDF:1047394.9/24

Right Out: 14.511+/-0.023 χ^2/NDF: 744351.4/29

Left In: -2.949+/-0.011 χ^2/NDF:770702.4/22

Left: -2.562+/-0.008 χ^2/NDF: 1820593.2/47

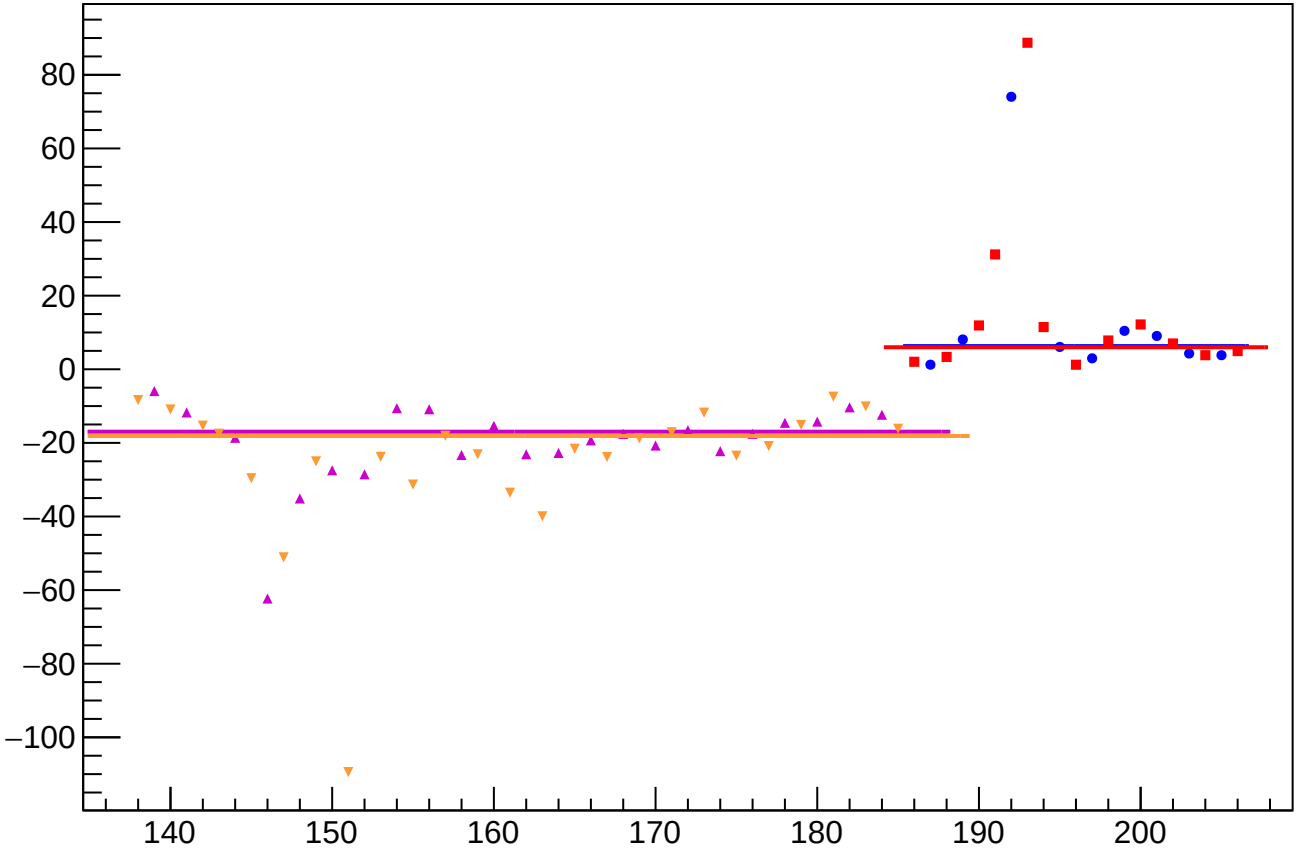
Right: 15.006+/-0.017 χ^2/NDF: 1211950.4/55

In: 0.157+/-0.010 χ^2/NDF:1717022.9/48

Out: 0.946+/-0.010 χ^2/NDF:2228332.4/54

All: 0.557+/-0.007 χ^2/NDF: 3948521.0/103

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.293+/-0.071 χ^2/NDF: 12143.7/8

Left Out: -18.127+/-0.039 χ^2/NDF:88514.4/24

Right Out: 5.983+/-0.059 χ^2/NDF: 25786.5/11

Left In: -16.958+/-0.038 χ^2/NDF:44759.9/22

Left: -17.528+/-0.027 χ^2/NDF: 133736.2/47

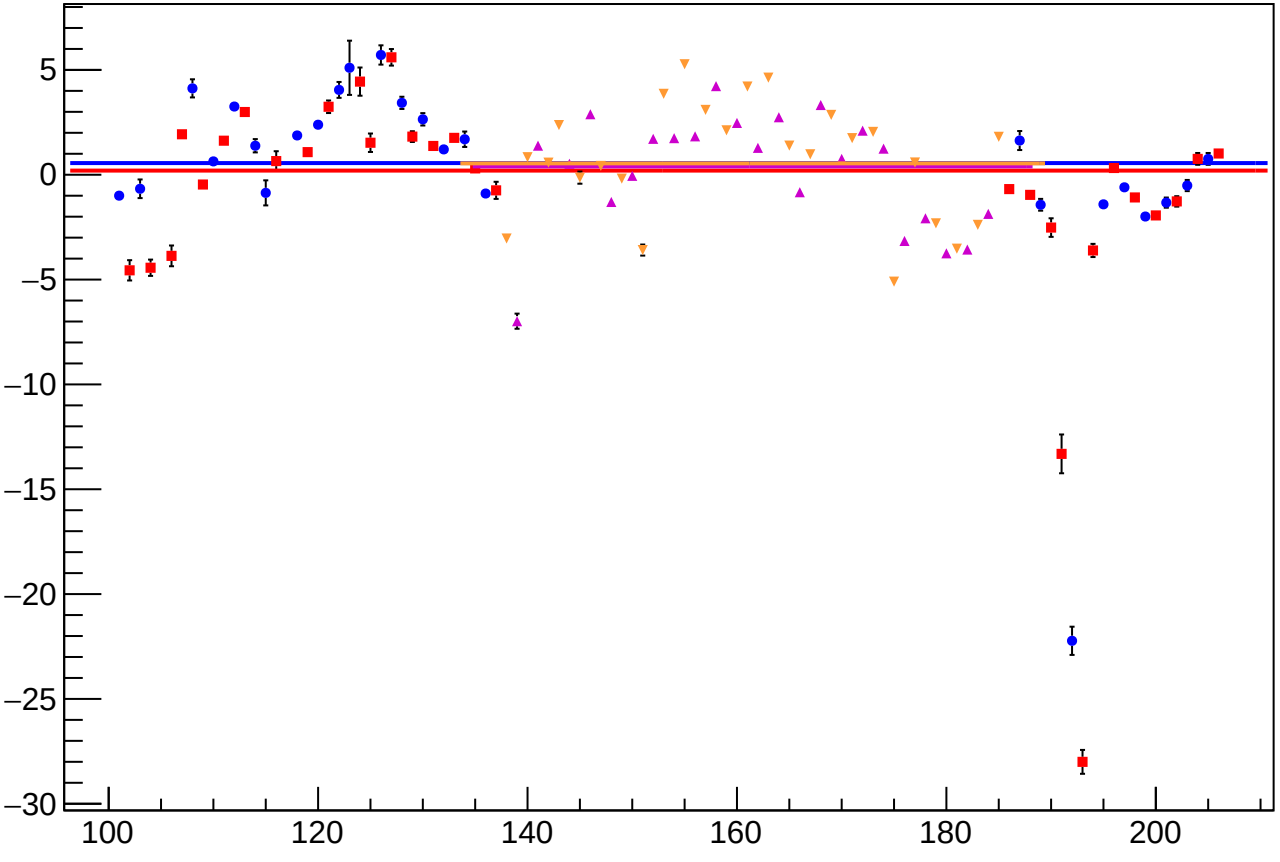
Right: 6.110+/-0.045 χ^2/NDF: 37941.5/20

In: -11.763+/-0.033 χ^2/NDF:140550.1/31

Out: -10.795+/-0.032 χ^2/NDF:230780.6/36

All: -11.265+/-0.023 χ^2/NDF: 371760.7/68

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.556+/-0.049 χ^2/NDF: 2493.2/25

Left Out: 0.543+/-0.032 χ^2/NDF:7067.6/24

Right Out: 0.198+/-0.046 χ^2/NDF: 4268.0/29

Left In: 0.398+/-0.031 χ^2/NDF:6286.3/22

Left: 0.467+/-0.022 χ^2/NDF: 13364.5/47

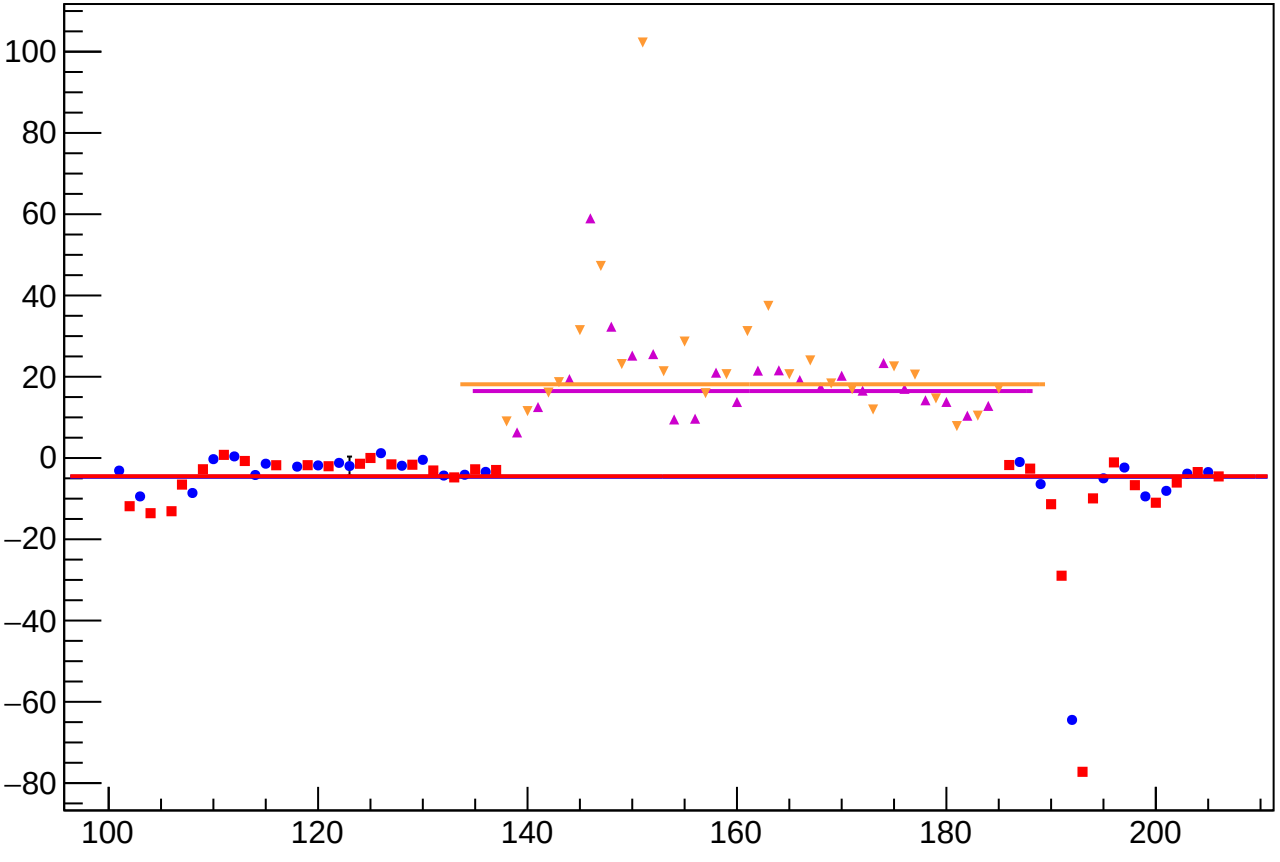
Right: 0.363+/-0.034 χ^2/NDF: 6789.4/55

In: 0.442+/-0.026 χ^2/NDF:8786.9/48

Out: 0.428+/-0.026 χ^2/NDF:11373.4/54

All: 0.435+/-0.019 χ^2/NDF: 20160.4/103

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.618+/-0.055 χ^2/NDF: 13379.0/25

Left Out: 18.147+/-0.039 χ^2/NDF:77805.7/24

Right Out: -4.477+/-0.045 χ^2/NDF: 27616.8/29

Left In: 16.477+/-0.038 χ^2/NDF:41326.5/22

Left: 17.279+/-0.027 χ^2/NDF: 120078.9/47

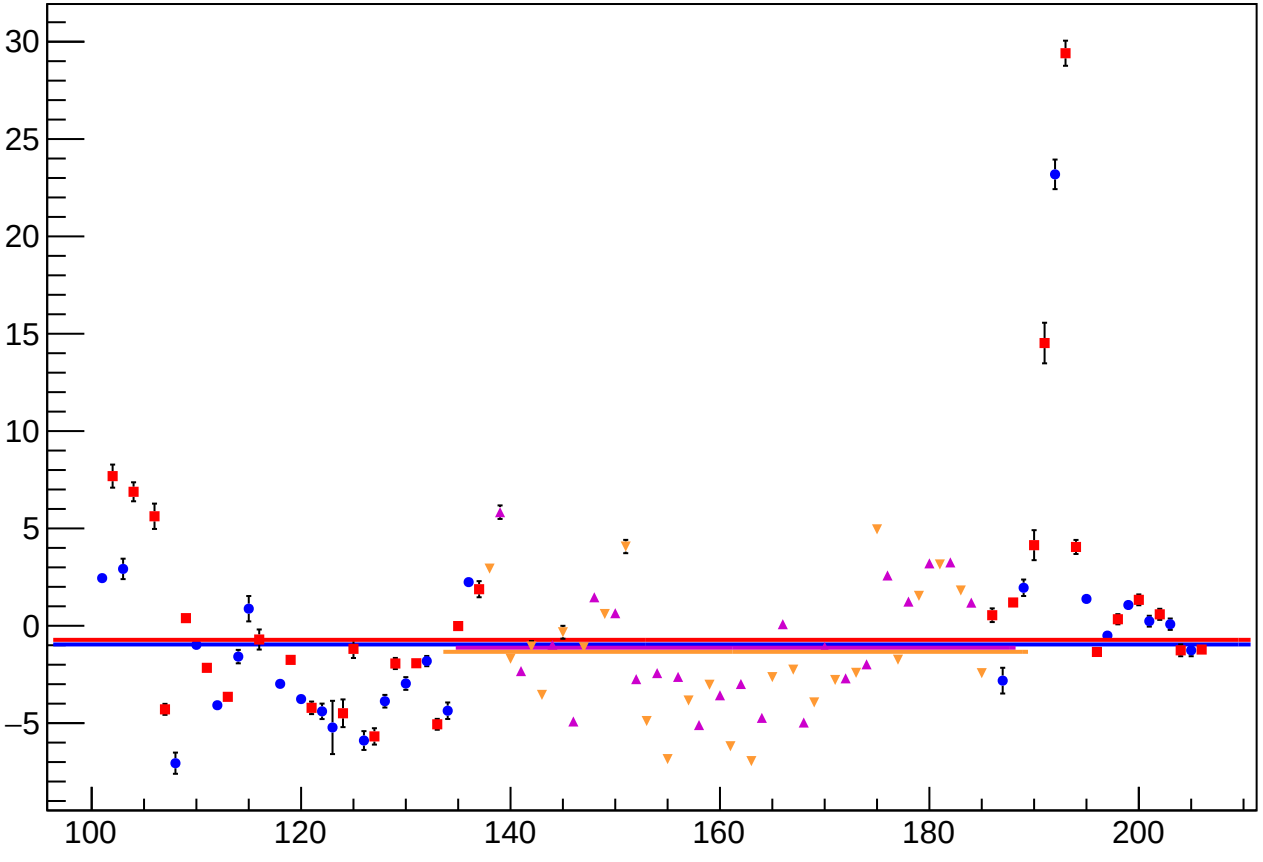
Right: -4.534+/-0.035 χ^2/NDF: 40999.6/55

In: 9.725+/-0.031 χ^2/NDF:155325.9/48

Out: 8.512+/-0.030 χ^2/NDF:247759.9/54

All: 9.091+/-0.021 χ^2/NDF: 403885.0/103

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.959+/-0.058 χ^2/NDF: 2735.6/25

Left Out: -1.338+/-0.036 χ^2/NDF:7920.8/24

Right Out: -0.722+/-0.053 χ^2/NDF: 4462.8/29

Left In: -1.129+/-0.034 χ^2/NDF:6778.7/22

Left: -1.228+/-0.025 χ^2/NDF: 14717.3/47

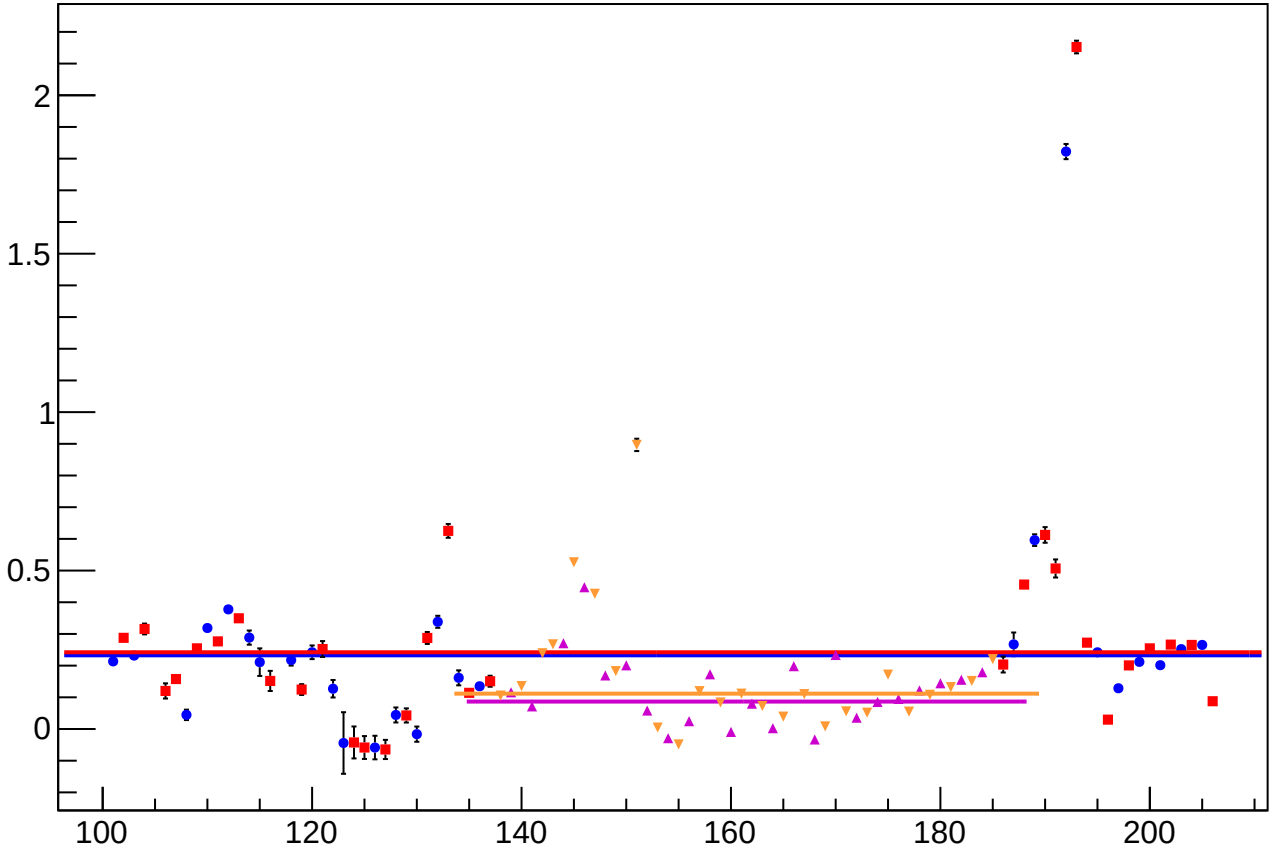
Right: -0.832+/-0.039 χ^2/NDF: 7207.5/55

In: -1.085+/-0.029 χ^2/NDF:9520.7/48

Out: -1.145+/-0.030 χ^2/NDF:12475.3/54

All: -1.114+/-0.021 χ^2/NDF: 21998.1/103

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.233+/-0.003 χ^2/NDF: 5743.8/25

Left Out: 0.112+/-0.002 χ^2/NDF:4459.9/24

Right Out: 0.242+/-0.002 χ^2/NDF: 11925.9/29

Left In: 0.087+/-0.001 χ^2/NDF:3661.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8251.0/47

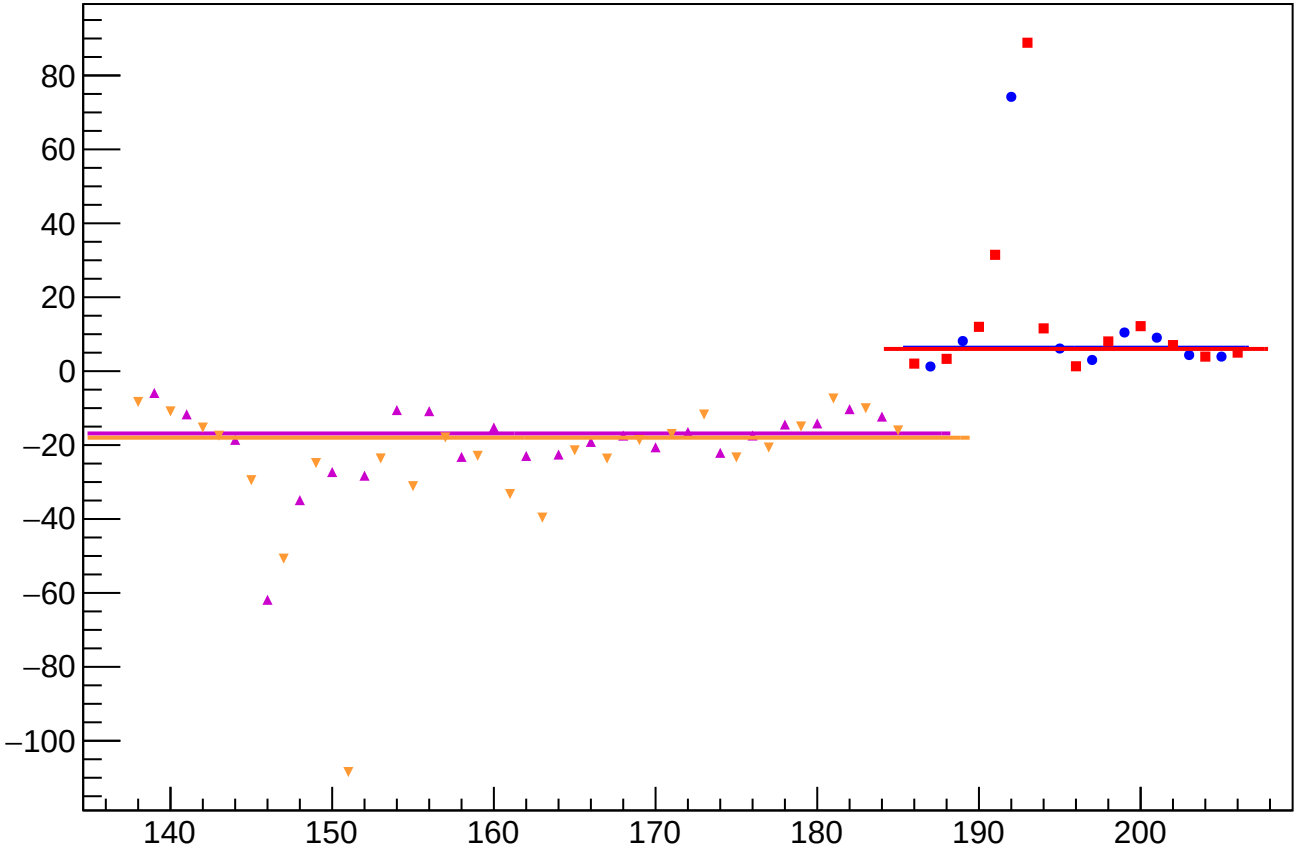
Right: 0.238+/-0.002 χ^2/NDF: 17677.2/55

In: 0.123+/-0.001 χ^2/NDF:11805.7/48

Out: 0.152+/-0.001 χ^2/NDF:18451.6/54

All: 0.137+/-0.001 χ^2/NDF: 30500.4/103

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.349+/-0.070 χ^2/NDF: 12257.7/8

Left Out: -18.004+/-0.039 χ^2/NDF:88352.2/24

Right Out: 6.016+/-0.059 χ^2/NDF: 26124.5/11

Left In: -16.854+/-0.038 χ^2/NDF:44680.7/22

Left: -17.415+/-0.027 χ^2/NDF: 133485.7/47

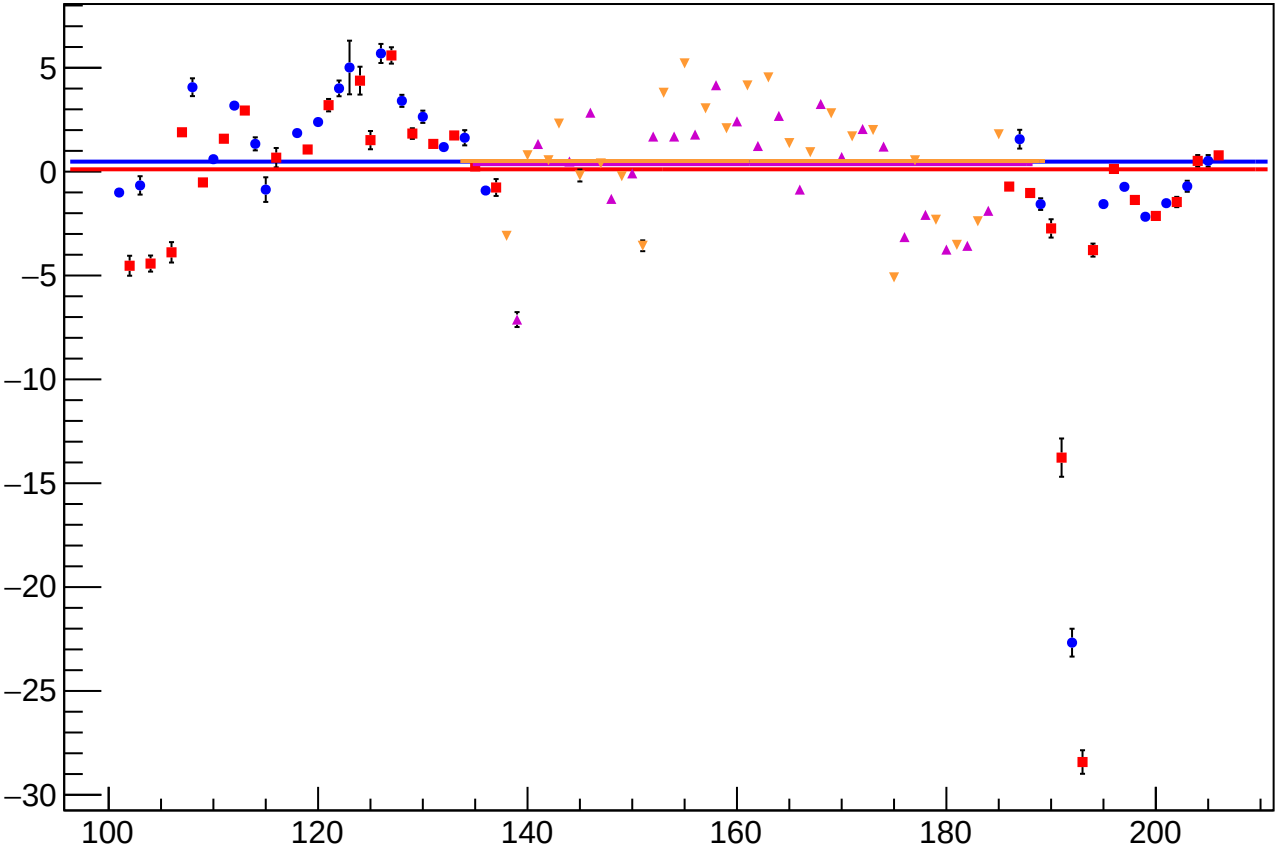
Right: 6.152+/-0.045 χ^2/NDF: 38395.4/20

In: -11.683+/-0.033 χ^2/NDF:141145.3/31

Out: -10.697+/-0.032 χ^2/NDF:231769.2/36

All: -11.175+/-0.023 χ^2/NDF: 373366.8/68

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.482+/-0.049 χ^2/NDF: 2607.3/25

Left Out: 0.511+/-0.032 χ^2/NDF:7053.0/24

Right Out: 0.112+/-0.046 χ^2/NDF: 4430.1/29

Left In: 0.361+/-0.030 χ^2/NDF:6273.5/22

Left: 0.432+/-0.022 χ^2/NDF: 13338.0/47

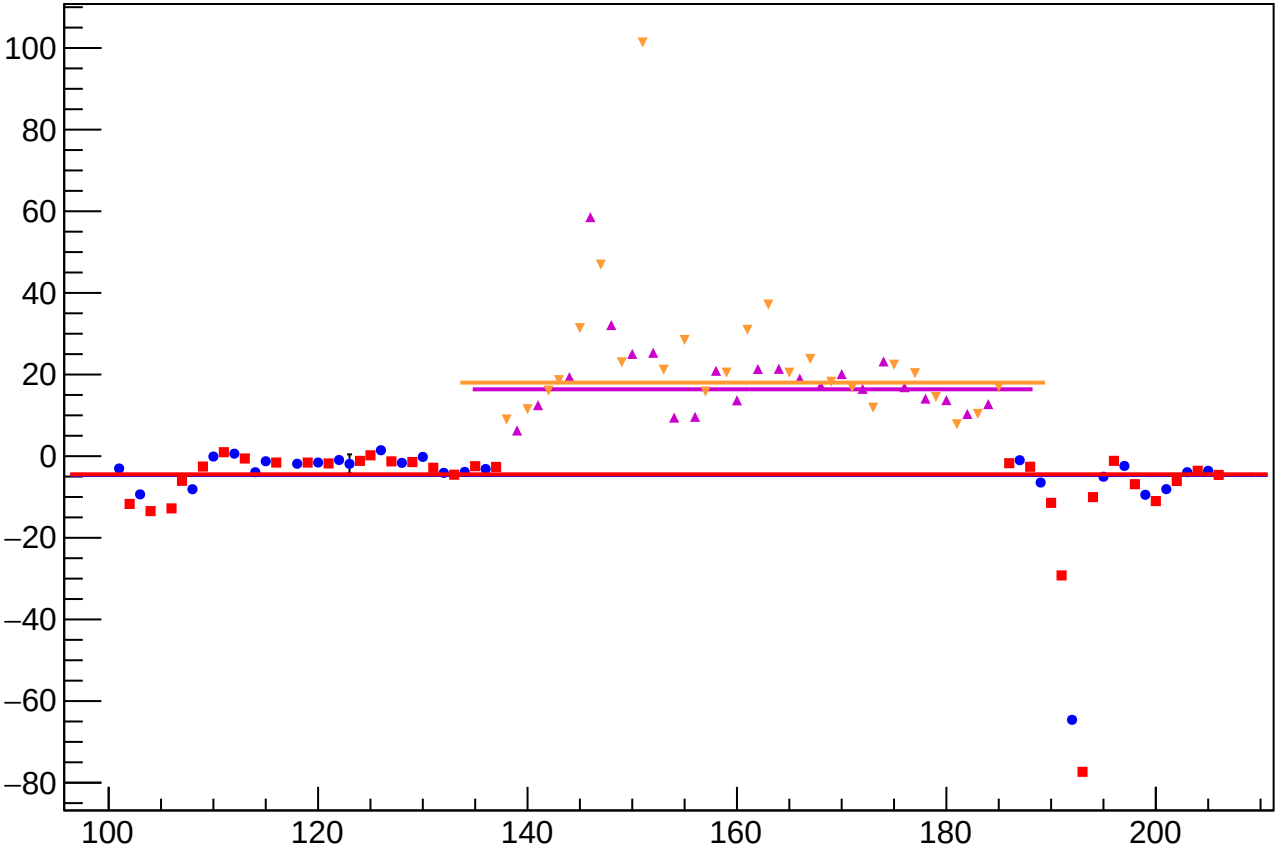
Right: 0.283+/-0.033 χ^2/NDF: 7067.8/55

In: 0.394+/-0.026 χ^2/NDF:8885.2/48

Out: 0.378+/-0.026 χ^2/NDF:11534.2/54

All: 0.387+/-0.018 χ^2/NDF: 20419.6/103

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.598+/-0.055 χ^2/NDF: 13614.4/25

Left Out: 18.023+/-0.039 χ^2/NDF:77674.0/24

Right Out: -4.449+/-0.045 χ^2/NDF: 28081.6/29

Left In: 16.377+/-0.037 χ^2/NDF:41253.5/22

Left: 17.168+/-0.027 χ^2/NDF: 119859.6/47

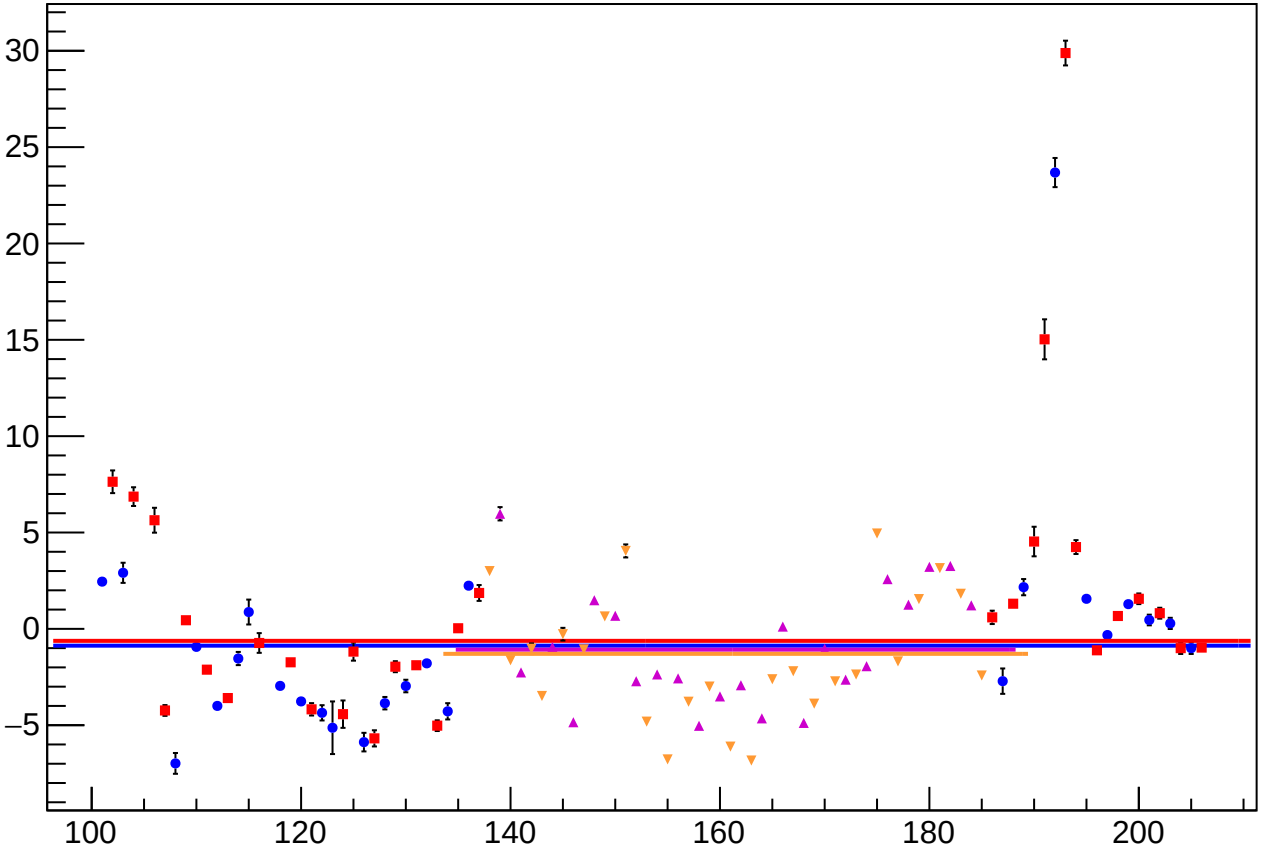
Right: -4.509+/-0.035 χ^2/NDF: 41700.4/55

In: 9.679+/-0.031 χ^2/NDF:155447.4/48

Out: 8.451+/-0.029 χ^2/NDF:248211.6/54

All: 9.037+/-0.021 χ^2/NDF: 404488.3/103

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.872+/-0.057 χ^2/NDF: 2827.0/25

Left Out: -1.297+/-0.036 χ^2/NDF:7903.2/24

Right Out: -0.622+/-0.053 χ^2/NDF: 4615.7/29

Left In: -1.081+/-0.034 χ^2/NDF:6764.0/22

Left: -1.183+/-0.025 χ^2/NDF: 14686.6/47

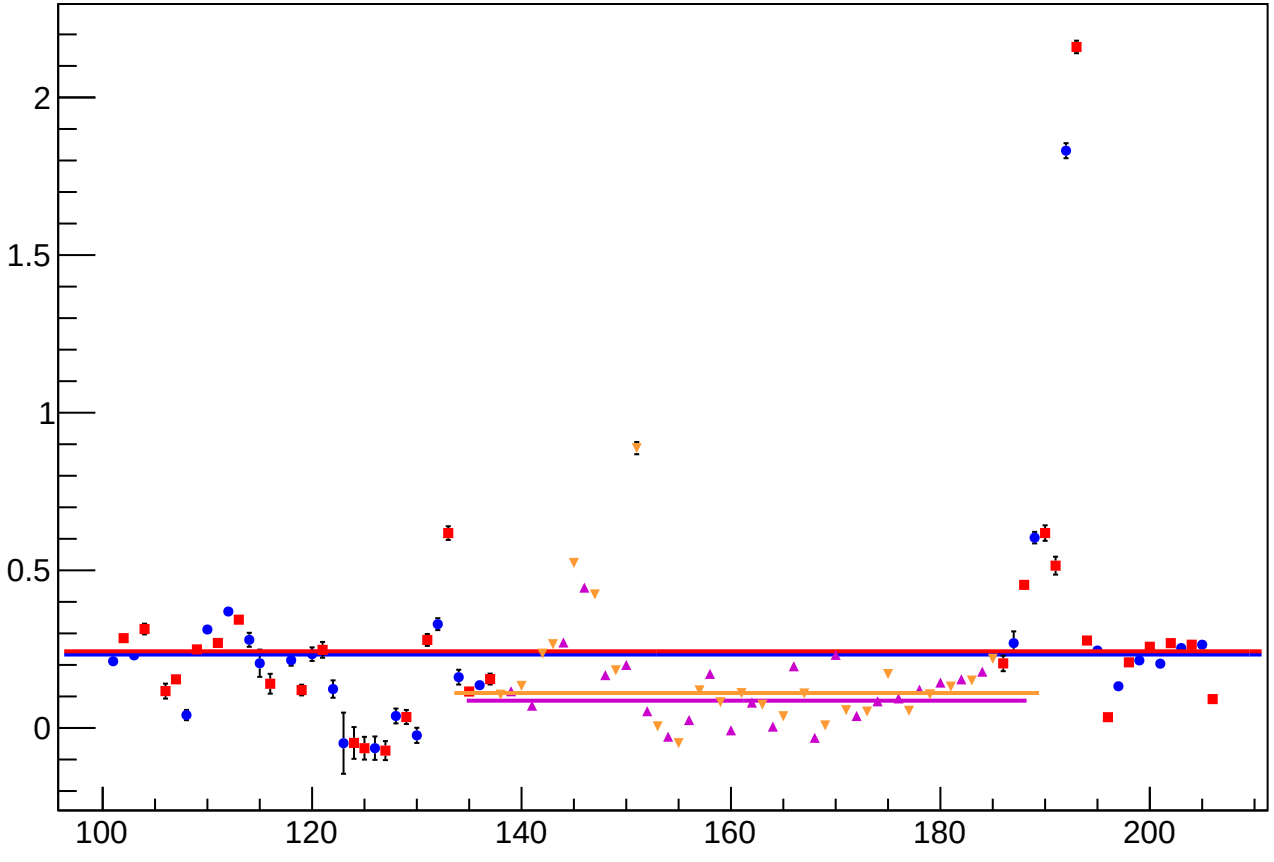
Right: -0.738+/-0.039 χ^2/NDF: 7453.0/55

In: -1.027+/-0.029 χ^2/NDF:9600.9/48

Out: -1.087+/-0.030 χ^2/NDF:12630.5/54

All: -1.056+/-0.021 χ^2/NDF: 22233.4/103

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.233+/-0.003 χ^2/NDF: 5831.2/25

Left Out: 0.111+/-0.002 χ^2/NDF:4452.0/24

Right Out: 0.243+/-0.002 χ^2/NDF: 12054.7/29

Left In: 0.087+/-0.001 χ^2/NDF:3631.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8208.0/47

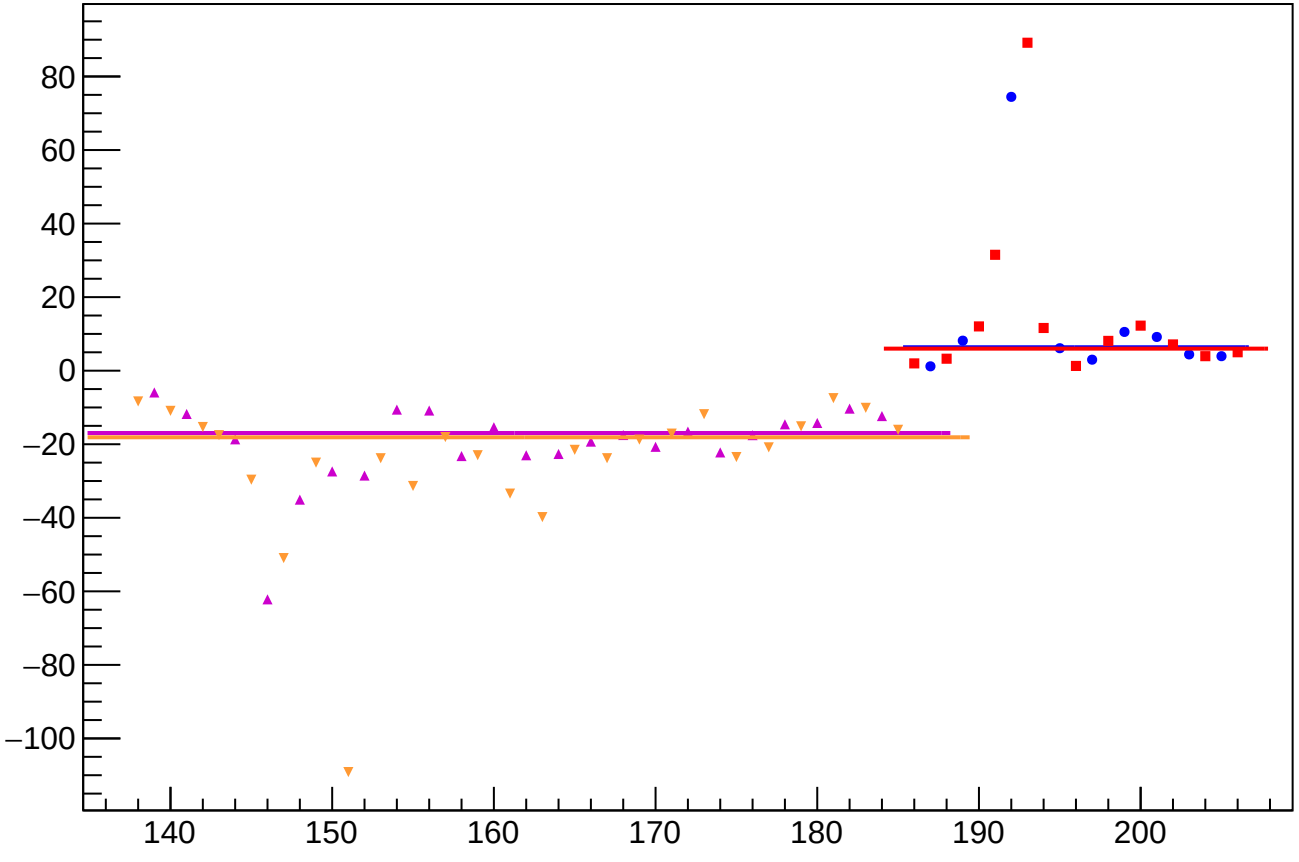
Right: 0.238+/-0.002 χ^2/NDF: 17894.5/55

In: 0.123+/-0.001 χ^2/NDF:11901.7/48

Out: 0.152+/-0.001 χ^2/NDF:18651.7/54

All: 0.137+/-0.001 χ^2/NDF: 30795.1/103

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.372+/-0.071 χ^2/NDF: 12274.0/8

Left Out: -18.112+/-0.039 χ^2/NDF:88488.2/24

Right Out: 5.996+/-0.059 χ^2/NDF: 26158.4/11

Left In: -16.945+/-0.038 χ^2/NDF:44756.2/22

Left: -17.514+/-0.027 χ^2/NDF: 133707.4/47

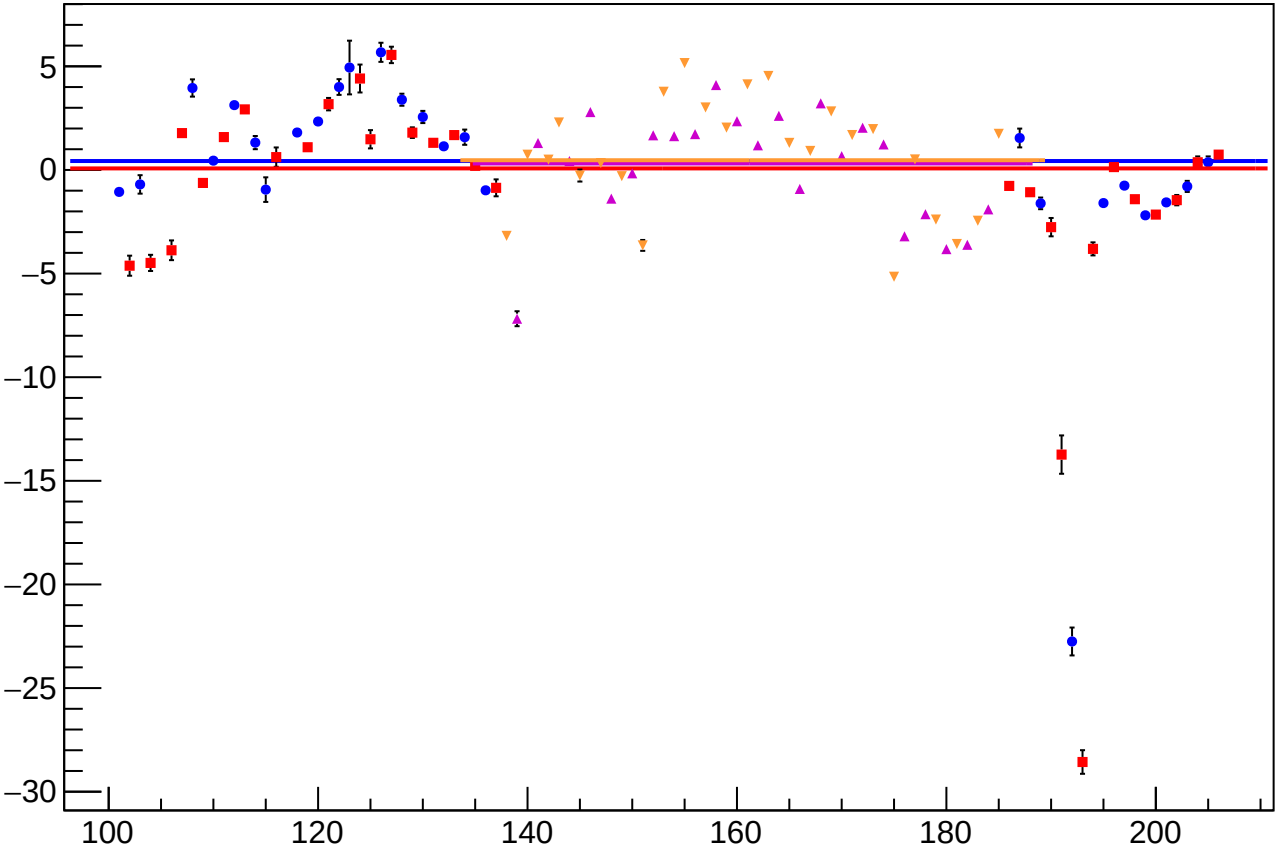
Right: 6.149+/-0.045 χ^2/NDF: 38449.1/20

In: -11.775+/-0.033 χ^2/NDF:140975.0/31

Out: -10.769+/-0.032 χ^2/NDF:231948.6/36

All: -11.256+/-0.023 χ^2/NDF: 373390.6/68

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.431+/-0.050 χ^2/NDF: 2589.9/25

Left Out: 0.469+/-0.032 χ^2/NDF:7076.8/24

Right Out: 0.074+/-0.046 χ^2/NDF: 4423.0/29

Left In: 0.313+/-0.031 χ^2/NDF:6235.0/22

Left: 0.386+/-0.022 χ^2/NDF: 13324.1/47

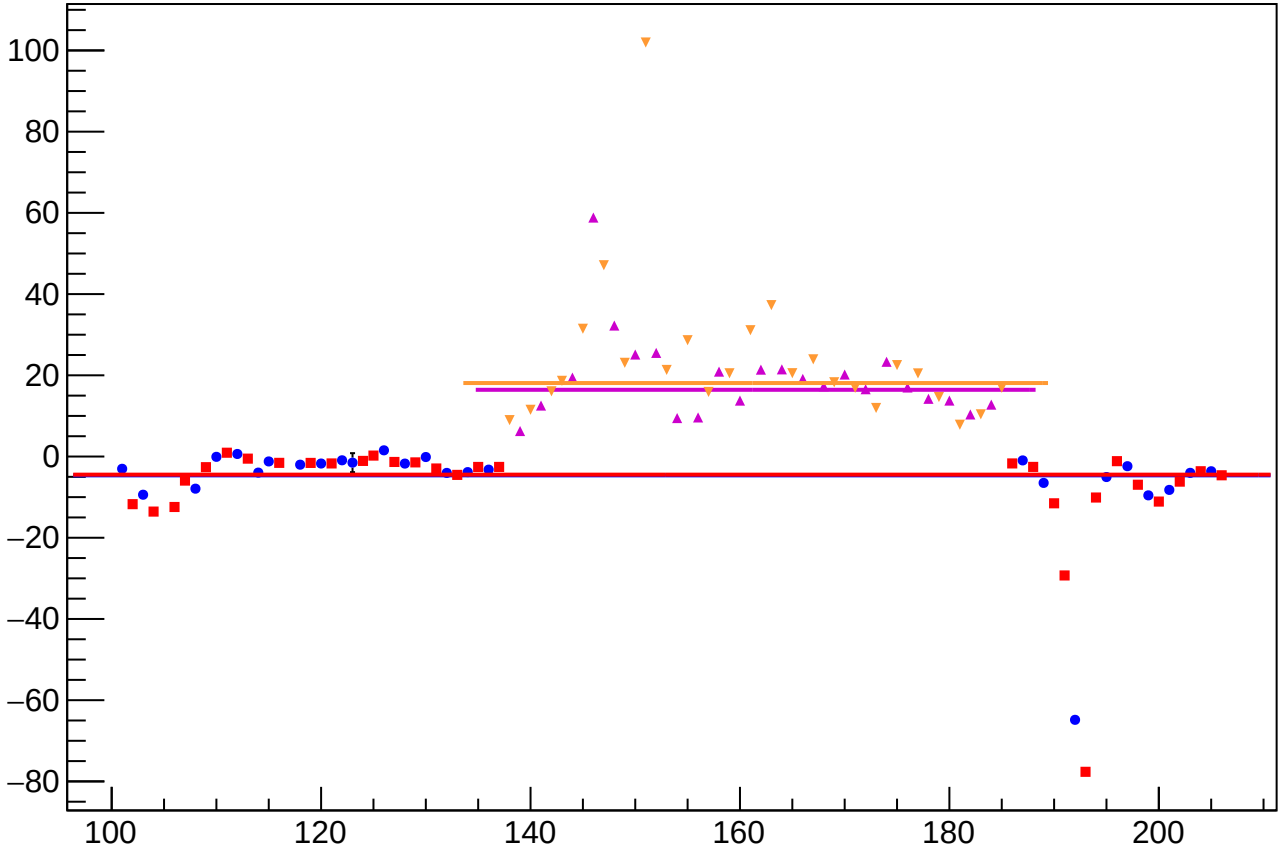
Right: 0.238+/-0.034 χ^2/NDF: 7041.0/55

In: 0.345+/-0.026 χ^2/NDF:8829.1/48

Out: 0.337+/-0.026 χ^2/NDF:11549.5/54

All: 0.341+/-0.019 χ^2/NDF: 20378.6/103

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.636+/-0.055 χ^2/NDF: 13636.1/25

Left Out: 18.098+/-0.039 χ^2/NDF:77793.7/24

Right Out: -4.461+/-0.045 χ^2/NDF: 28100.3/29

Left In: 16.431+/-0.038 χ^2/NDF:41337.1/22

Left: 17.232+/-0.027 χ^2/NDF: 120078.5/47

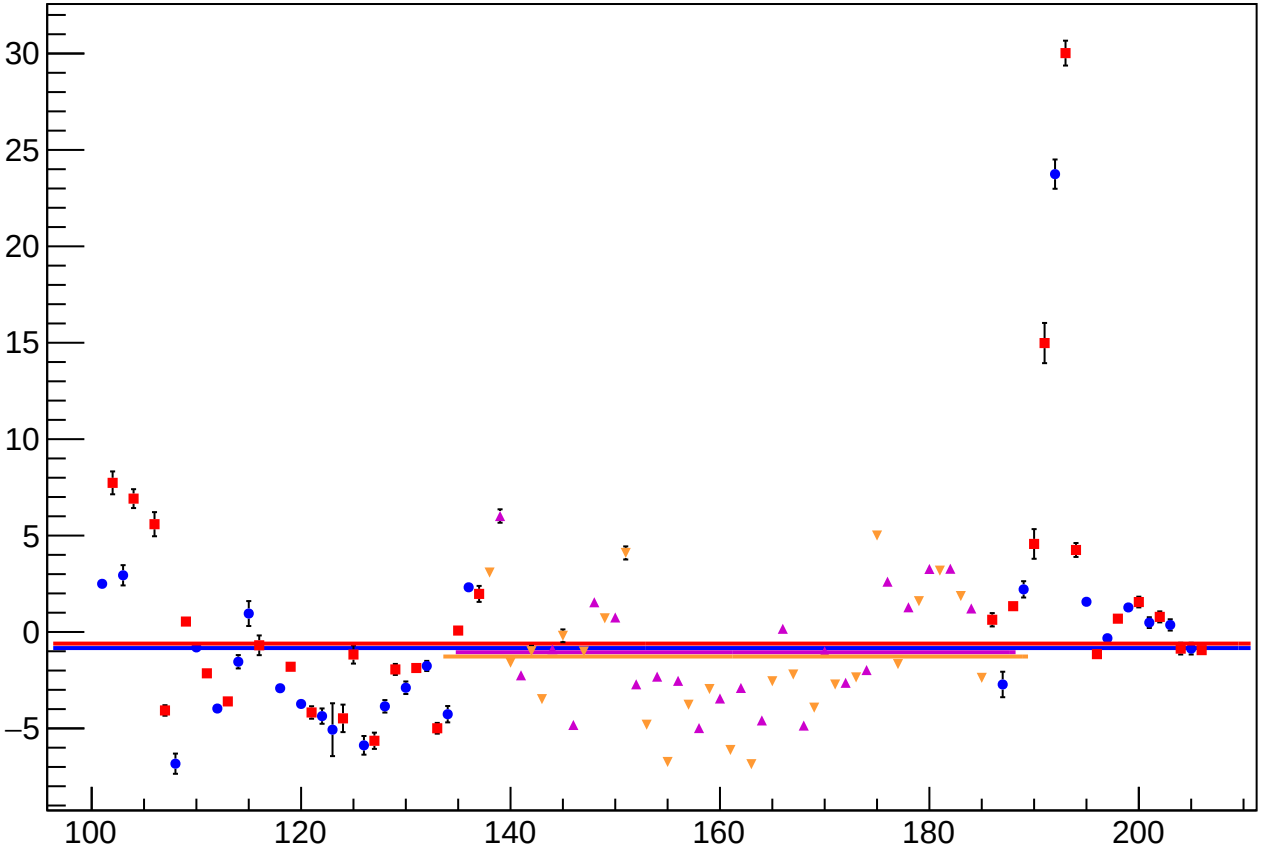
Right: -4.532+/-0.035 χ^2/NDF: 41742.4/55

In: 9.729+/-0.031 χ^2/NDF:155274.3/48

Out: 8.477+/-0.030 χ^2/NDF:248393.1/54

All: 9.074+/-0.021 χ^2/NDF: 404521.9/103

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.835+/-0.058 χ^2/NDF: 2815.8/25

Left Out: -1.273+/-0.036 χ^2/NDF:7931.0/24

Right Out: -0.602+/-0.053 χ^2/NDF: 4613.5/29

Left In: -1.050+/-0.034 χ^2/NDF:6713.0/22

Left: -1.156+/-0.025 χ^2/NDF: 14664.3/47

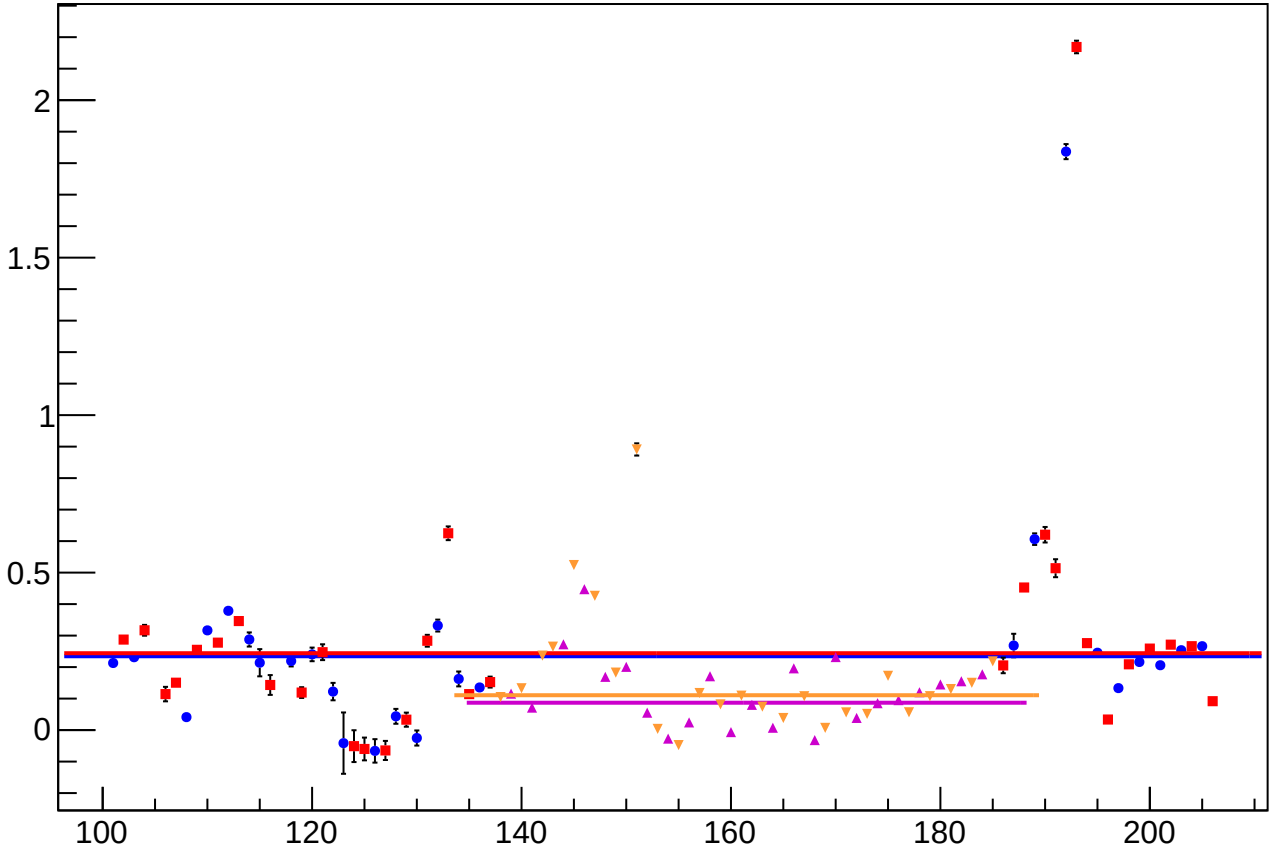
Right: -0.709+/-0.039 χ^2/NDF: 7438.1/55

In: -0.995+/-0.029 χ^2/NDF:9539.1/48

Out: -1.063+/-0.030 χ^2/NDF:12653.9/54

All: -1.028+/-0.021 χ^2/NDF: 22195.7/103

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.234+/-0.003 χ^2/NDF: 5845.7/25

Left Out: 0.111+/-0.002 χ^2/NDF:4430.3/24

Right Out: 0.244+/-0.002 χ^2/NDF: 12069.6/29

Left In: 0.087+/-0.001 χ^2/NDF:3604.3/22

Left: 0.098+/-0.001 χ^2/NDF: 8153.0/47

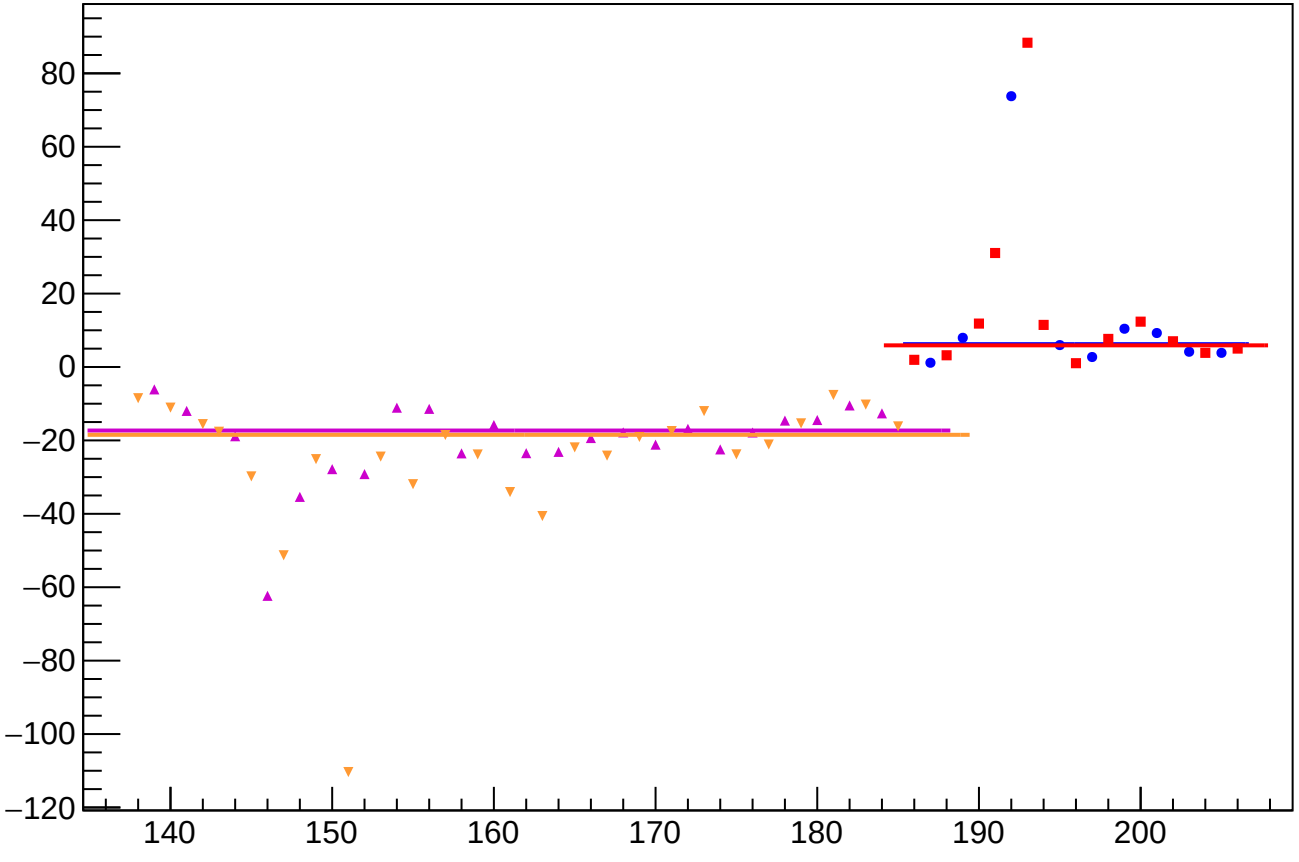
Right: 0.240+/-0.002 χ^2/NDF: 17922.9/55

In: 0.124+/-0.001 χ^2/NDF:11900.4/48

Out: 0.152+/-0.001 χ^2/NDF:18660.6/54

All: 0.138+/-0.001 χ^2/NDF: 30795.0/103

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.222+/-0.071 χ^2/NDF: 12082.6/8

Left Out: -18.478+/-0.040 χ^2/NDF:87856.5/24

Right Out: 5.898+/-0.059 χ^2/NDF: 25676.1/11

Left In: -17.309+/-0.039 χ^2/NDF:43807.0/22

Left: -17.879+/-0.028 χ^2/NDF: 132106.2/47

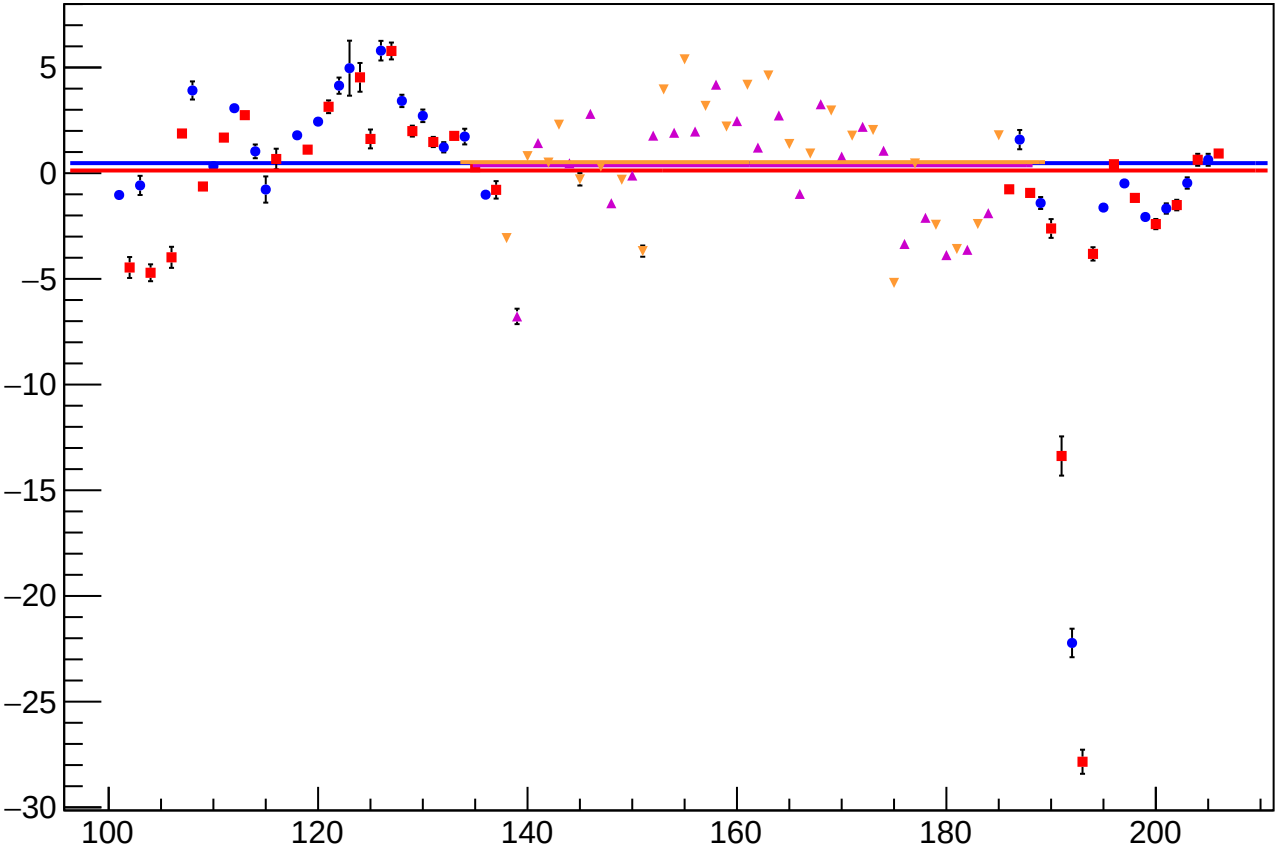
Right: 6.029+/-0.045 χ^2/NDF: 37771.0/20

In: -11.936+/-0.034 χ^2/NDF:139888.2/31

Out: -10.850+/-0.033 χ^2/NDF:231232.4/36

All: -11.374+/-0.024 χ^2/NDF: 371645.4/68

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.475+/-0.050 χ^2/NDF: 2484.1/25

Left Out: 0.522+/-0.033 χ^2/NDF:7038.3/24

Right Out: 0.127+/-0.046 χ^2/NDF: 4275.7/29

Left In: 0.373+/-0.031 χ^2/NDF:6263.9/22

Left: 0.443+/-0.023 χ^2/NDF: 13312.8/47

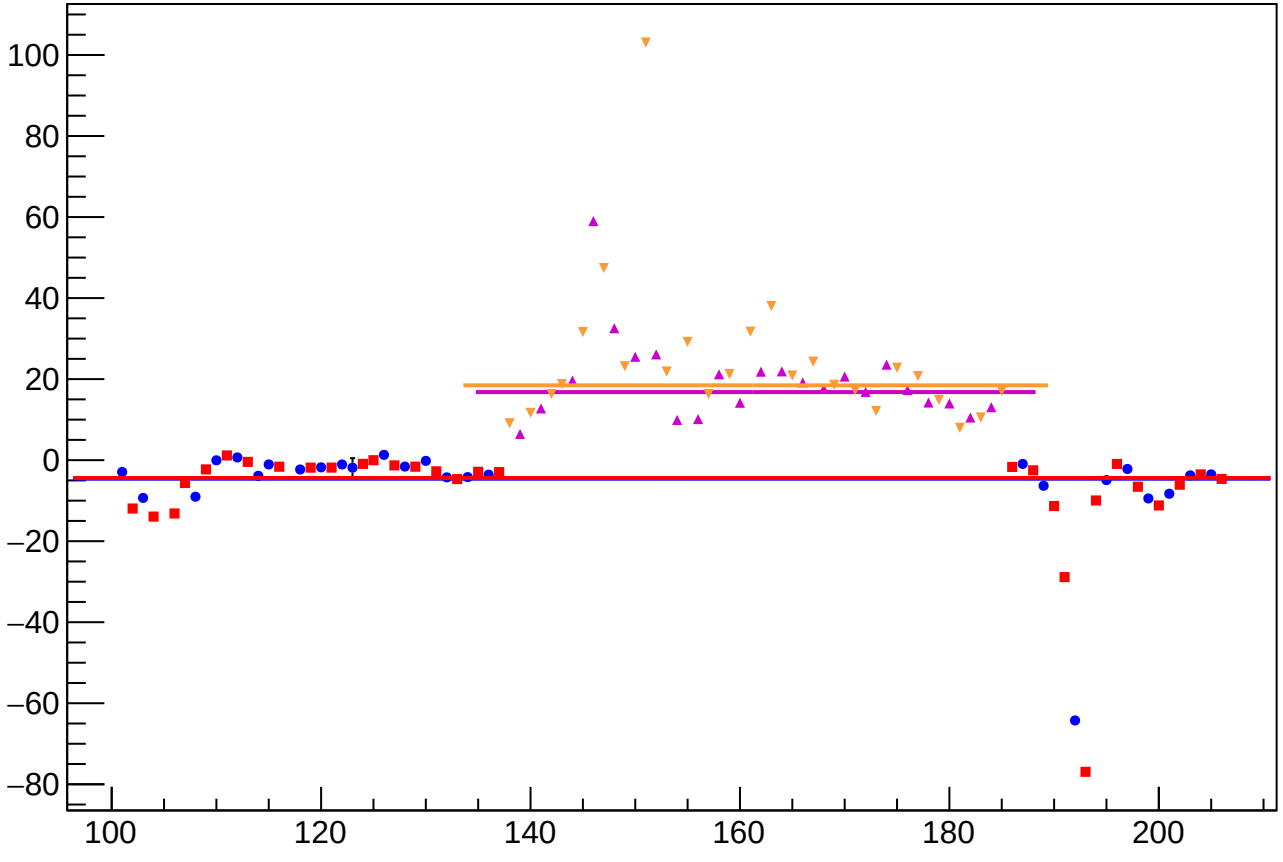
Right: 0.288+/-0.034 χ^2/NDF: 6785.7/55

In: 0.402+/-0.027 χ^2/NDF:8750.9/48

Out: 0.389+/-0.027 χ^2/NDF:11361.9/54

All: 0.395+/-0.019 χ^2/NDF: 20113.0/103

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.576+/-0.055 χ^2/NDF: 13357.3/25

Left Out: 18.463+/-0.040 χ^2/NDF:77193.5/24

Right Out: -4.399+/-0.046 χ^2/NDF: 27601.0/29

Left In: 16.798+/-0.038 χ^2/NDF:40258.9/22

Left: 17.599+/-0.028 χ^2/NDF: 118354.8/47

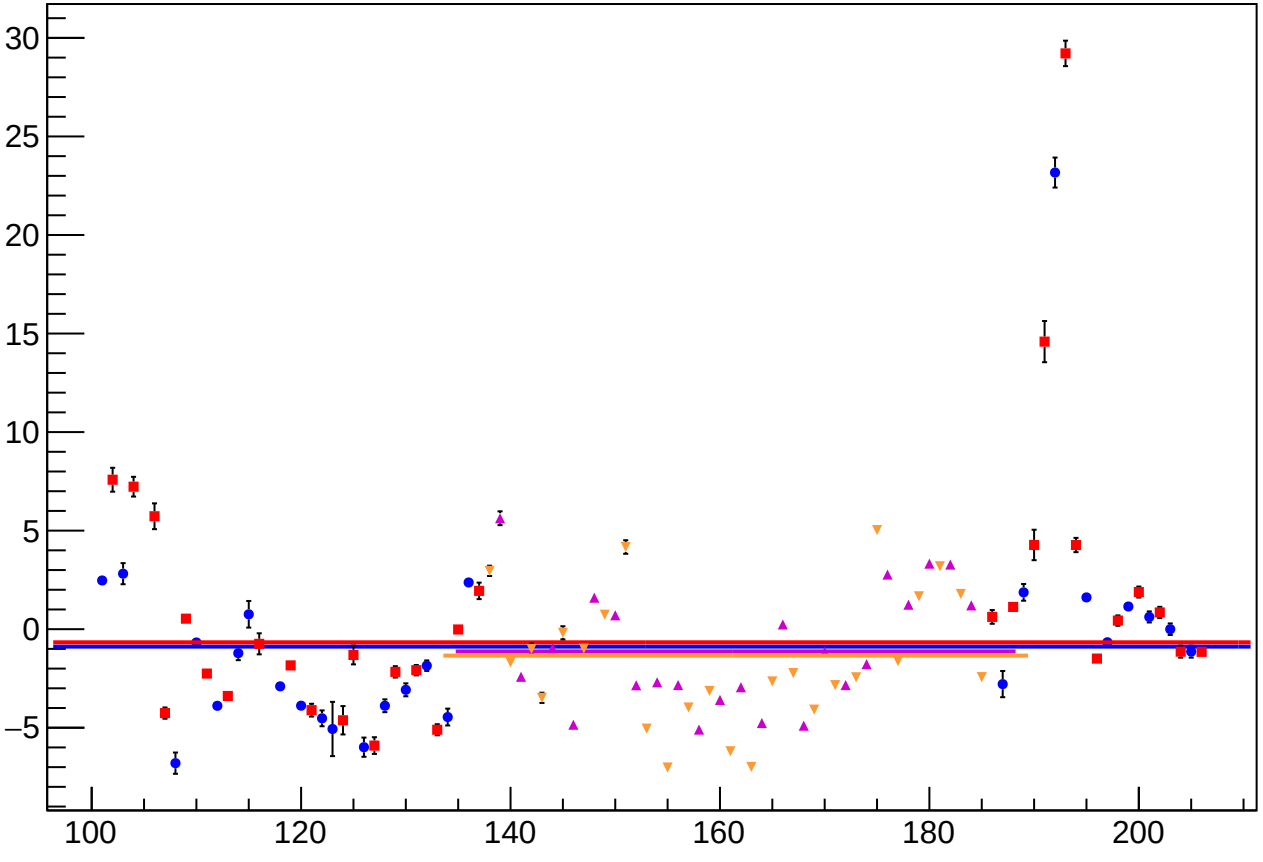
Right: -4.470+/-0.035 χ^2/NDF: 40964.4/55

In: 9.850+/-0.032 χ^2/NDF:154192.3/48

Out: 8.537+/-0.030 χ^2/NDF:247153.6/54

All: 9.161+/-0.022 χ^2/NDF: 402254.5/103

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.884+/-0.058 χ^2/NDF: 2722.7/25

Left Out: -1.341+/-0.037 χ^2/NDF:7886.0/24

Right Out: -0.666+/-0.054 χ^2/NDF: 4467.6/29

Left In: -1.132+/-0.035 χ^2/NDF:6743.4/22

Left: -1.231+/-0.025 χ^2/NDF: 14646.5/47

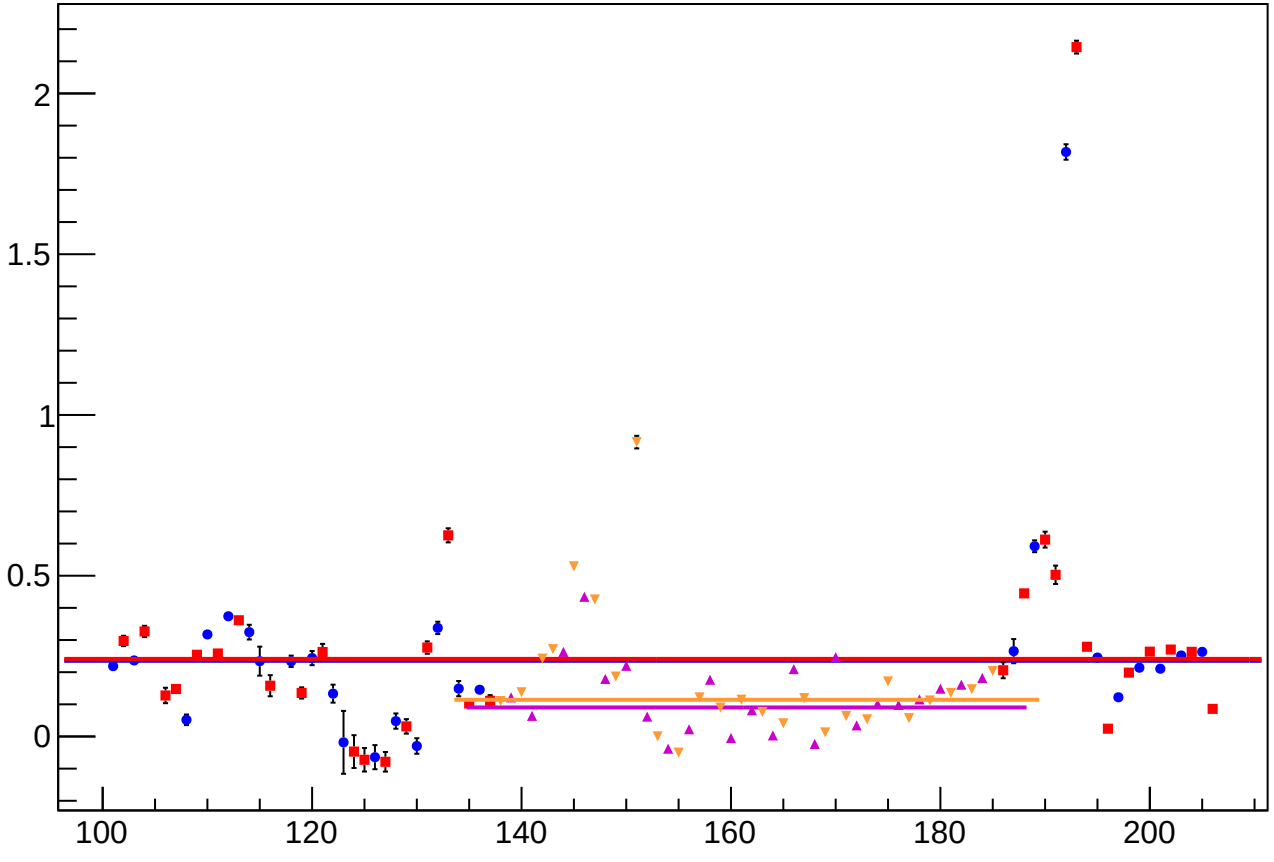
Right: -0.766+/-0.040 χ^2/NDF: 7197.8/55

In: -1.067+/-0.030 χ^2/NDF:9479.2/48

Out: -1.128+/-0.030 χ^2/NDF:12460.6/54

All: -1.097+/-0.021 χ^2/NDF: 21941.9/103

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.235+/-0.003 χ^2/NDF: 5662.3/25

Left Out: 0.114+/-0.002 χ^2/NDF:4382.5/24

Right Out: 0.241+/-0.002 χ^2/NDF: 11926.8/29

Left In: 0.090+/-0.002 χ^2/NDF:3679.2/22

Left: 0.101+/-0.001 χ^2/NDF: 8175.2/47

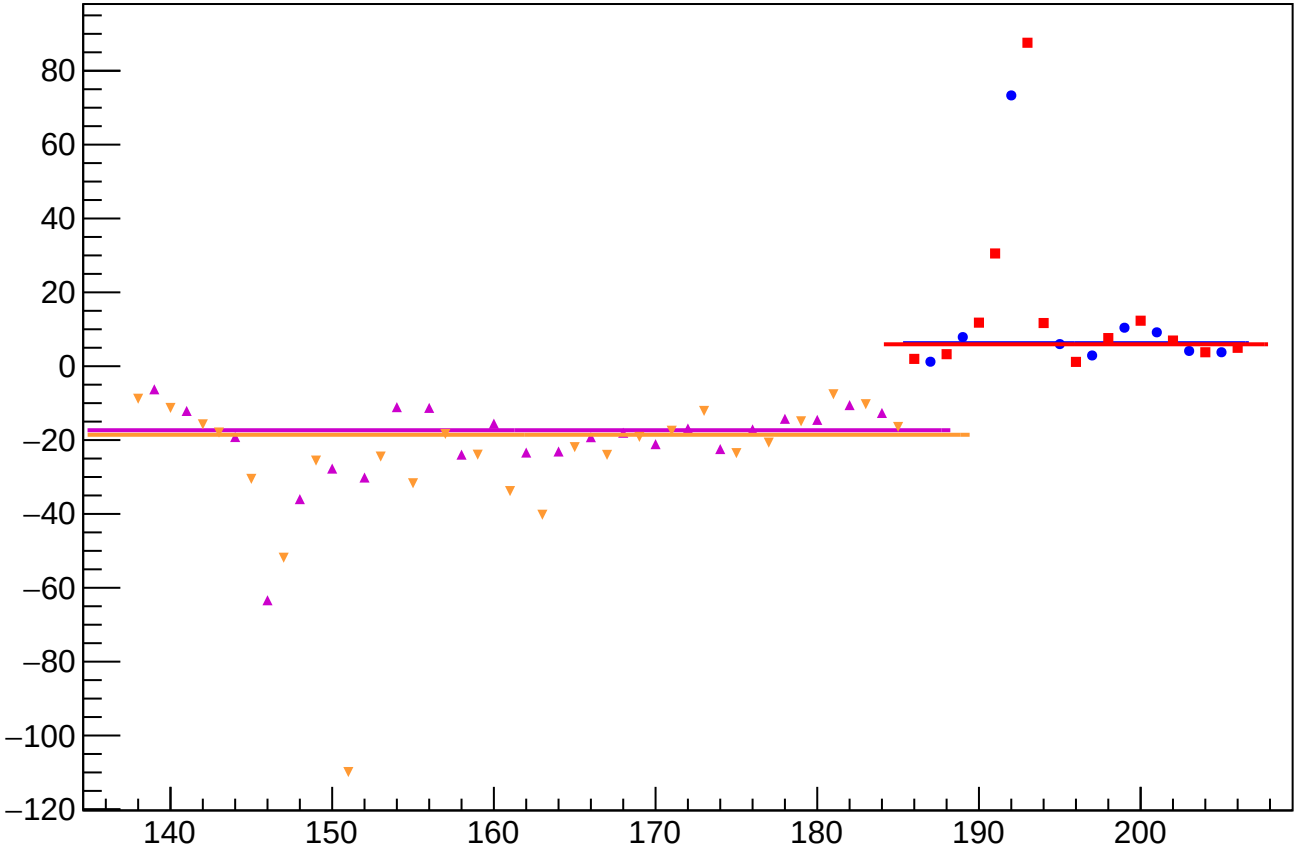
Right: 0.239+/-0.002 χ^2/NDF: 17591.8/55

In: 0.127+/-0.001 χ^2/NDF:11651.1/48

Out: 0.154+/-0.001 χ^2/NDF:18218.3/54

All: 0.141+/-0.001 χ^2/NDF: 30071.7/103

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.238+/-0.072 χ^2/NDF: 11751.9/8

Left Out: -18.565+/-0.040 χ^2/NDF:86349.5/24

Right Out: 5.937+/-0.060 χ^2/NDF: 25036.6/11

Left In: -17.335+/-0.039 χ^2/NDF:44078.7/22

Left: -17.934+/-0.028 χ^2/NDF: 130909.9/47

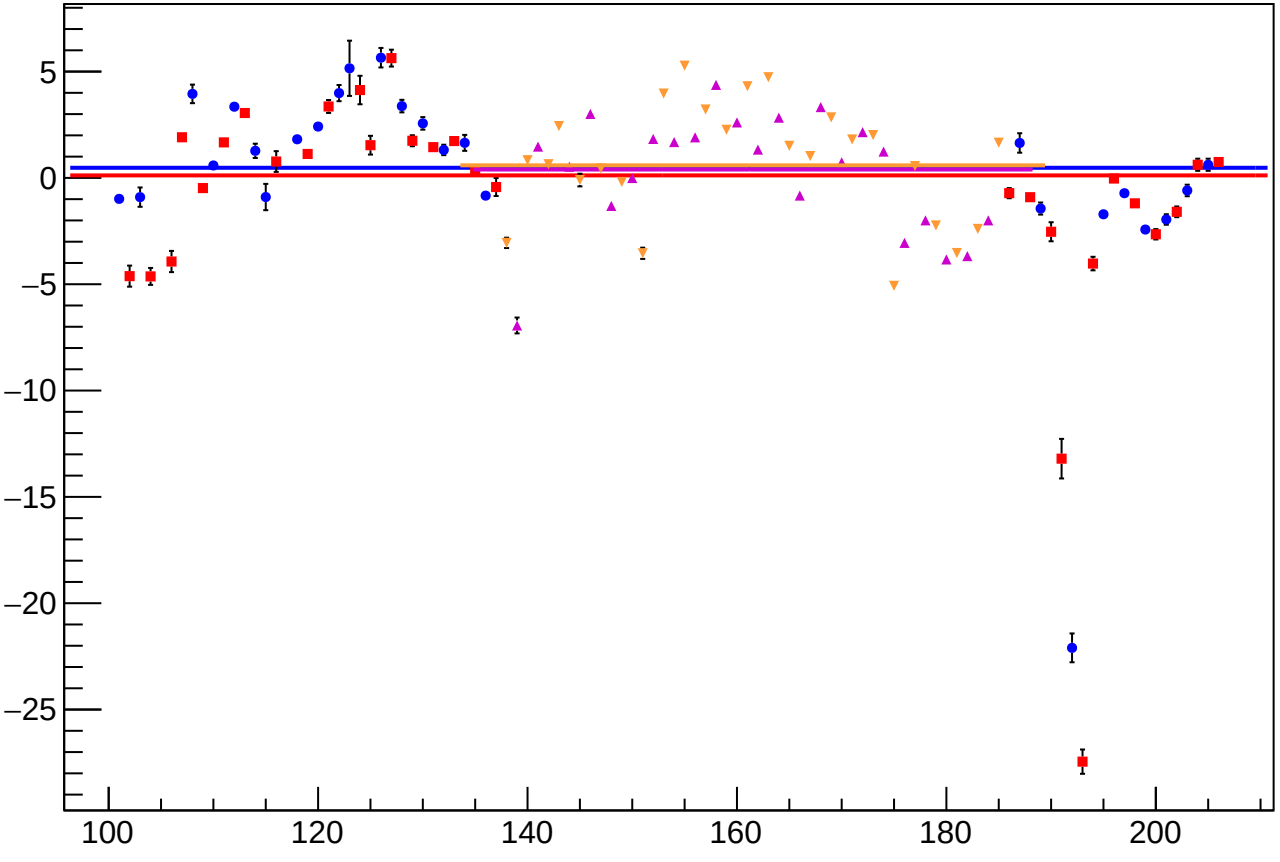
Right: 6.059+/-0.046 χ^2/NDF: 36798.9/20

In: -11.972+/-0.034 χ^2/NDF:138328.0/31

Out: -10.927+/-0.033 χ^2/NDF:227541.3/36

All: -11.432+/-0.024 χ^2/NDF: 366346.4/68

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.476+/-0.051 χ^2/NDF: 2536.3/25

Left Out: 0.590+/-0.033 χ^2/NDF:6780.3/24

Right Out: 0.118+/-0.047 χ^2/NDF: 4219.0/29

Left In: 0.394+/-0.032 χ^2/NDF:6112.7/22

Left: 0.487+/-0.023 χ^2/NDF: 12911.2/47

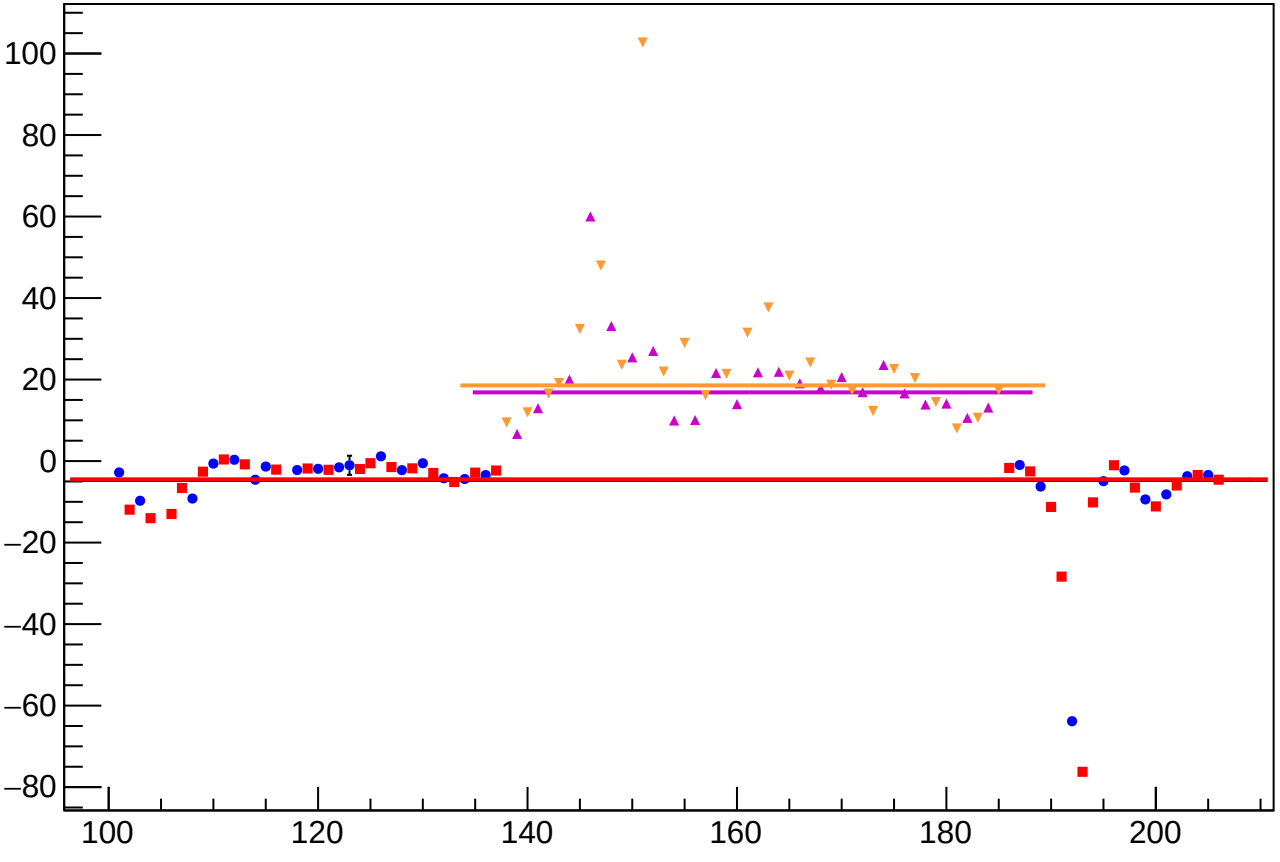
Right: 0.283+/-0.034 χ^2/NDF: 6782.2/55

In: 0.417+/-0.027 χ^2/NDF:8650.9/48

Out: 0.432+/-0.027 χ^2/NDF:11066.7/54

All: 0.425+/-0.019 χ^2/NDF: 19717.7/103

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.637+/-0.056 χ^2/NDF: 12847.5/25

Left Out: 18.569+/-0.040 χ^2/NDF:75983.2/24

Right Out: -4.484+/-0.046 χ^2/NDF: 26713.8/29

Left In: 16.854+/-0.039 χ^2/NDF:40590.0/22

Left: 17.679+/-0.028 χ^2/NDF: 117514.0/47

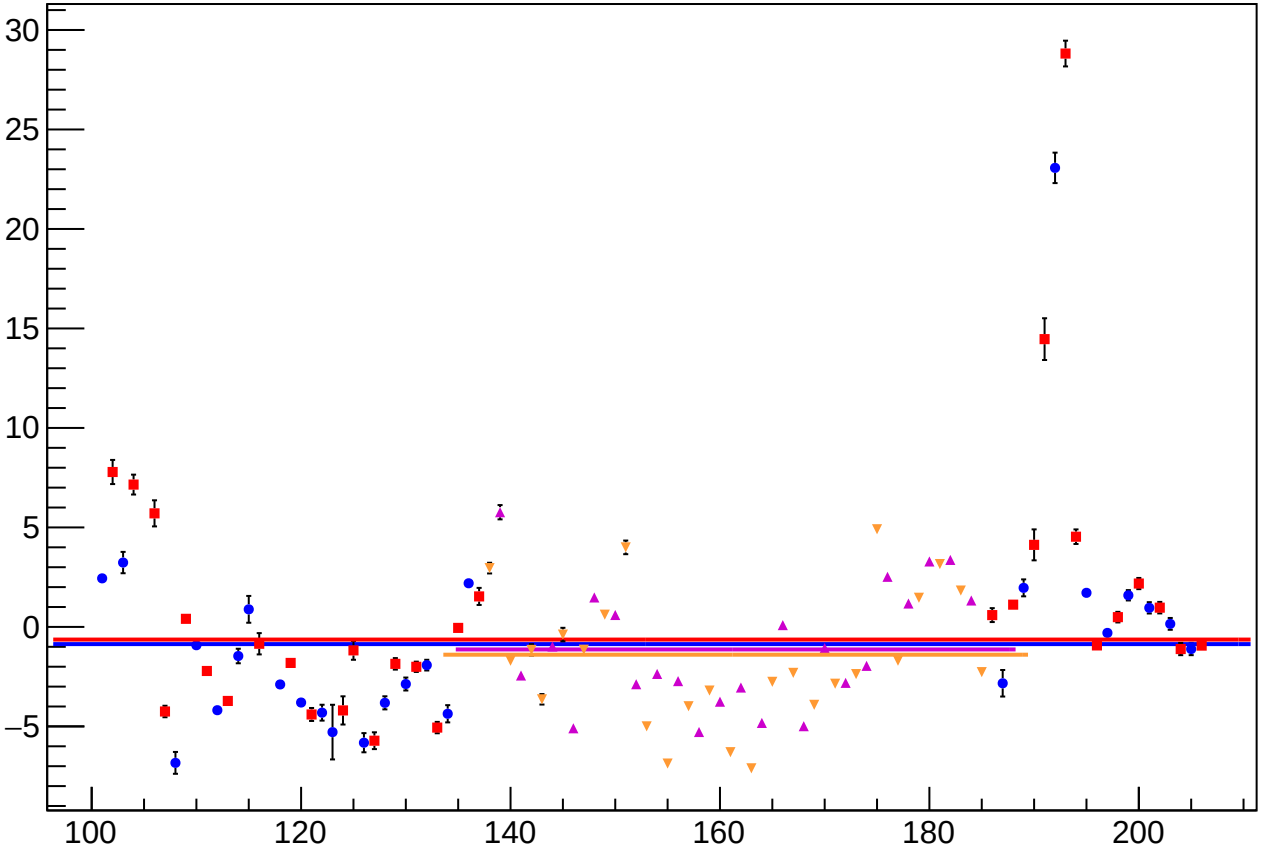
Right: -4.546+/-0.036 χ^2/NDF: 39565.8/55

In: 9.900+/-0.032 χ^2/NDF:152870.4/48

Out: 8.618+/-0.030 χ^2/NDF:243947.1/54

All: 9.228+/-0.022 χ^2/NDF: 397663.8/103

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.864+/-0.059 χ^2/NDF: 2726.9/25

Left Out: -1.397+/-0.037 χ^2/NDF:7631.3/24

Right Out: -0.636+/-0.055 χ^2/NDF: 4397.4/29

Left In: -1.132+/-0.035 χ^2/NDF:6638.3/22

Left: -1.258+/-0.025 χ^2/NDF: 14296.5/47

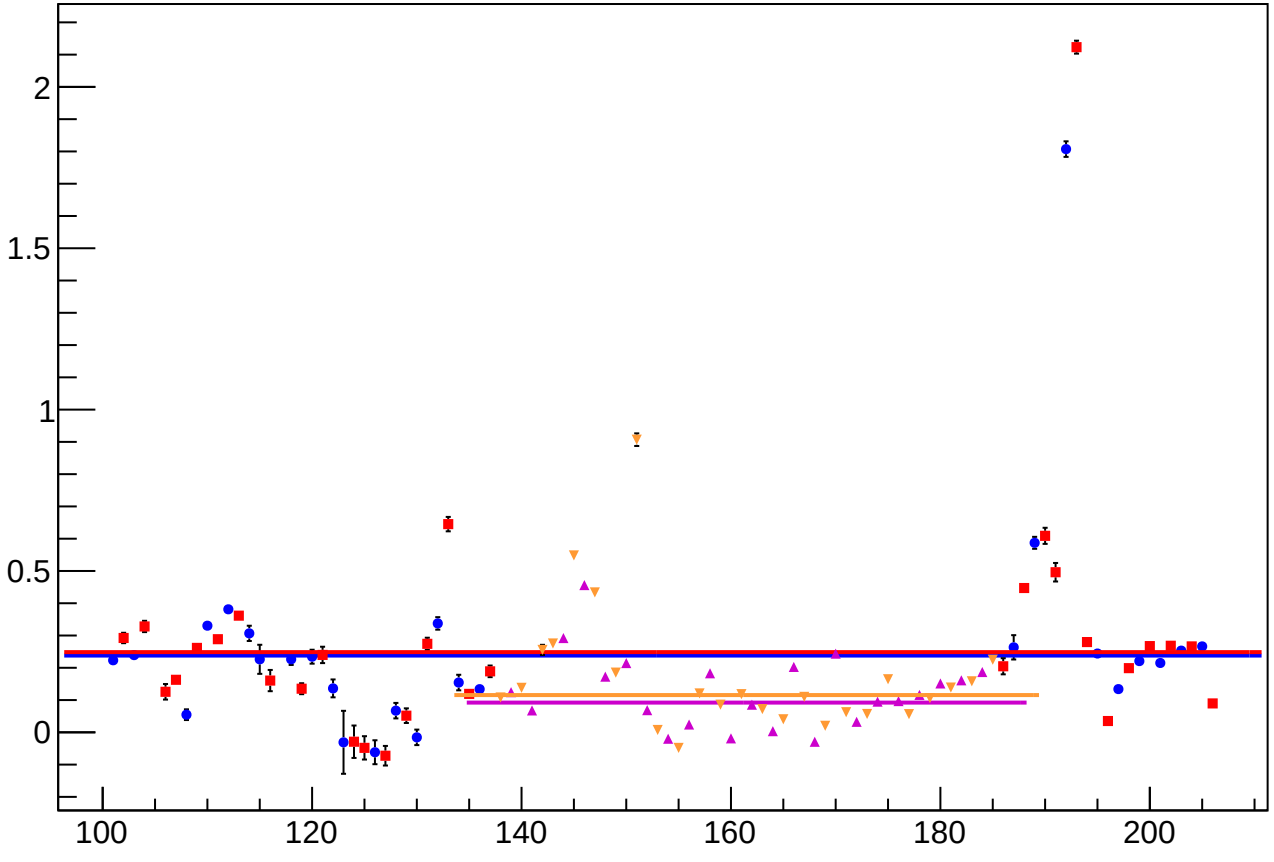
Right: -0.741+/-0.040 χ^2/NDF: 7132.3/55

In: -1.062+/-0.030 χ^2/NDF:9380.4/48

Out: -1.158+/-0.031 χ^2/NDF:12161.3/54

All: -1.110+/-0.022 χ^2/NDF: 21546.8/103

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.238+/-0.003 χ^2/NDF: 5489.5/25

Left Out: 0.115+/-0.002 χ^2/NDF:4423.4/24

Right Out: 0.249+/-0.002 χ^2/NDF: 11405.7/29

Left In: 0.092+/-0.002 χ^2/NDF:3632.6/22

Left: 0.103+/-0.001 χ^2/NDF: 8162.4/47

Right: 0.244+/-0.002 χ^2/NDF: 16903.9/55

In: 0.129+/-0.001 χ^2/NDF:11393.3/48

Out: 0.157+/-0.001 χ^2/NDF:17863.0/54

All: 0.143+/-0.001 χ^2/NDF: 29468.4/103