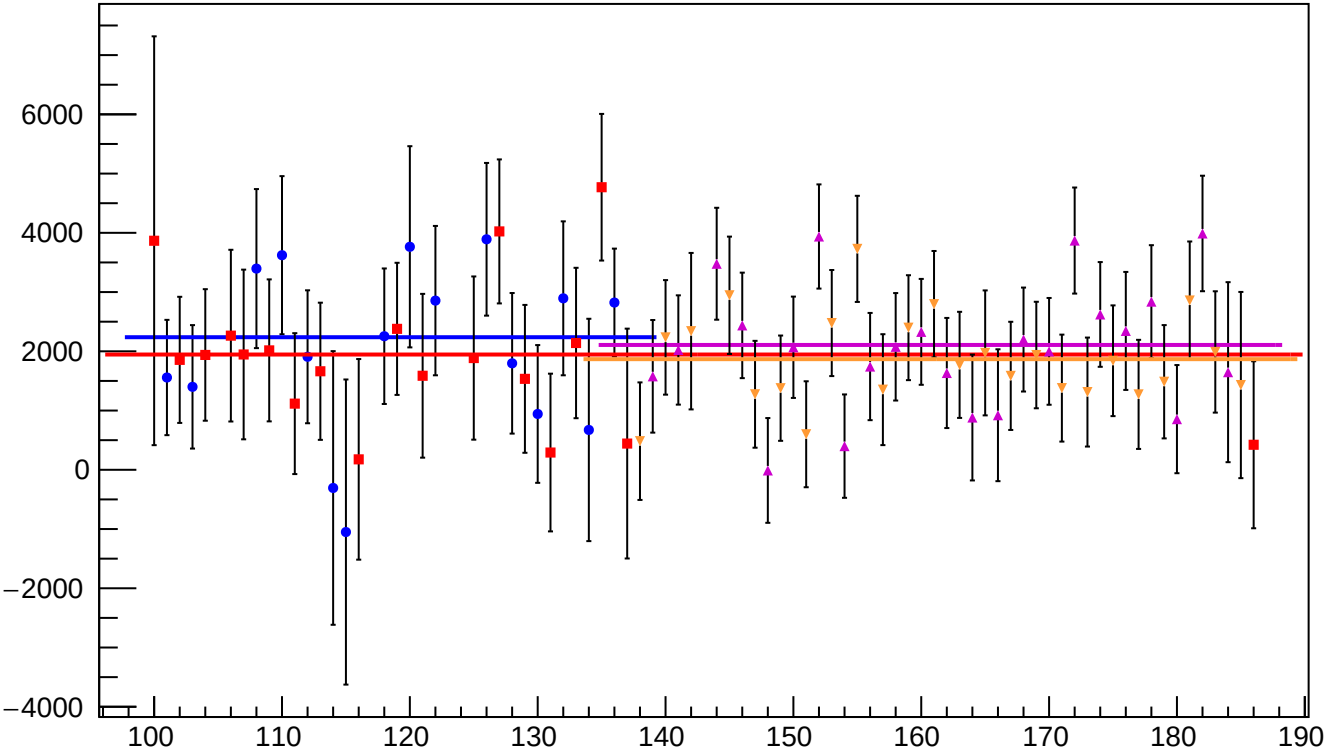
dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929+/-314.642 χ^2/NDF: 11.3/15

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

Right Out: 1945.723+/-301.238 χ^2/NDF: 13.8/18

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

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

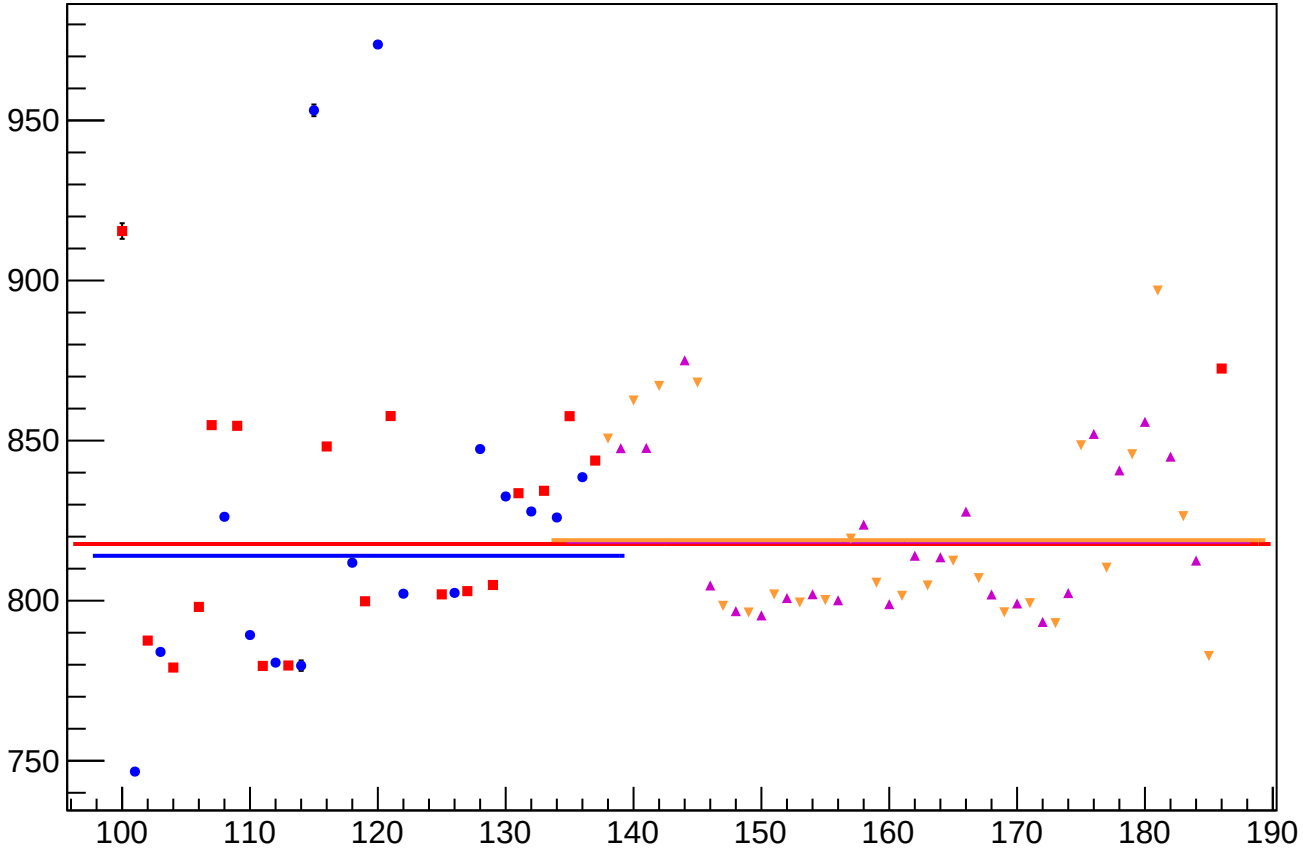
Right: 2085.470+/-217.592 χ^2/NDF: 25.6/34

In: 2143.500+/-165.725 χ^2/NDF:41.5/38

Out: 1890.574+/-163.578 χ^2/NDF:28.9/42

All: 2015.389+/-116.419 χ^2/NDF: 71.6/81

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 814.021+/-0.222 χ^2/NDF: 42041.6/15

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

Right Out: 817.707+/-0.213 χ^2/NDF: 23126.7/18

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

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

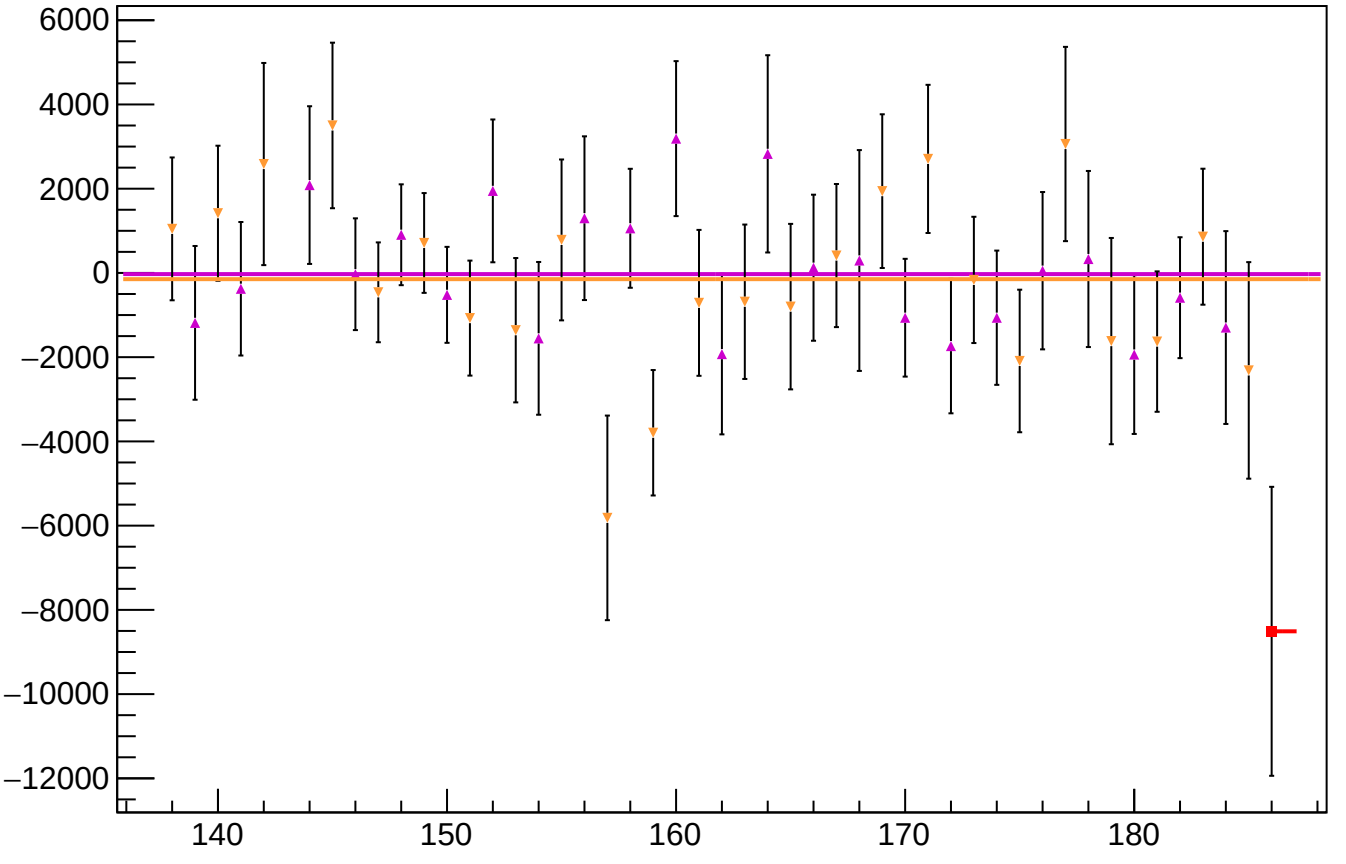
Right: 815.944+/-0.154 χ^2/NDF: 65311.6/34

In: 817.187+/-0.117 χ^2/NDF:72228.9/38

Out: 818.548+/-0.116 χ^2/NDF:64819.8/42

All: 817.877+/-0.082 χ^2/NDF: 137117.0/81

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: -8508.970+/-3430.440 χ^2/NDF: 0.0/0

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

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

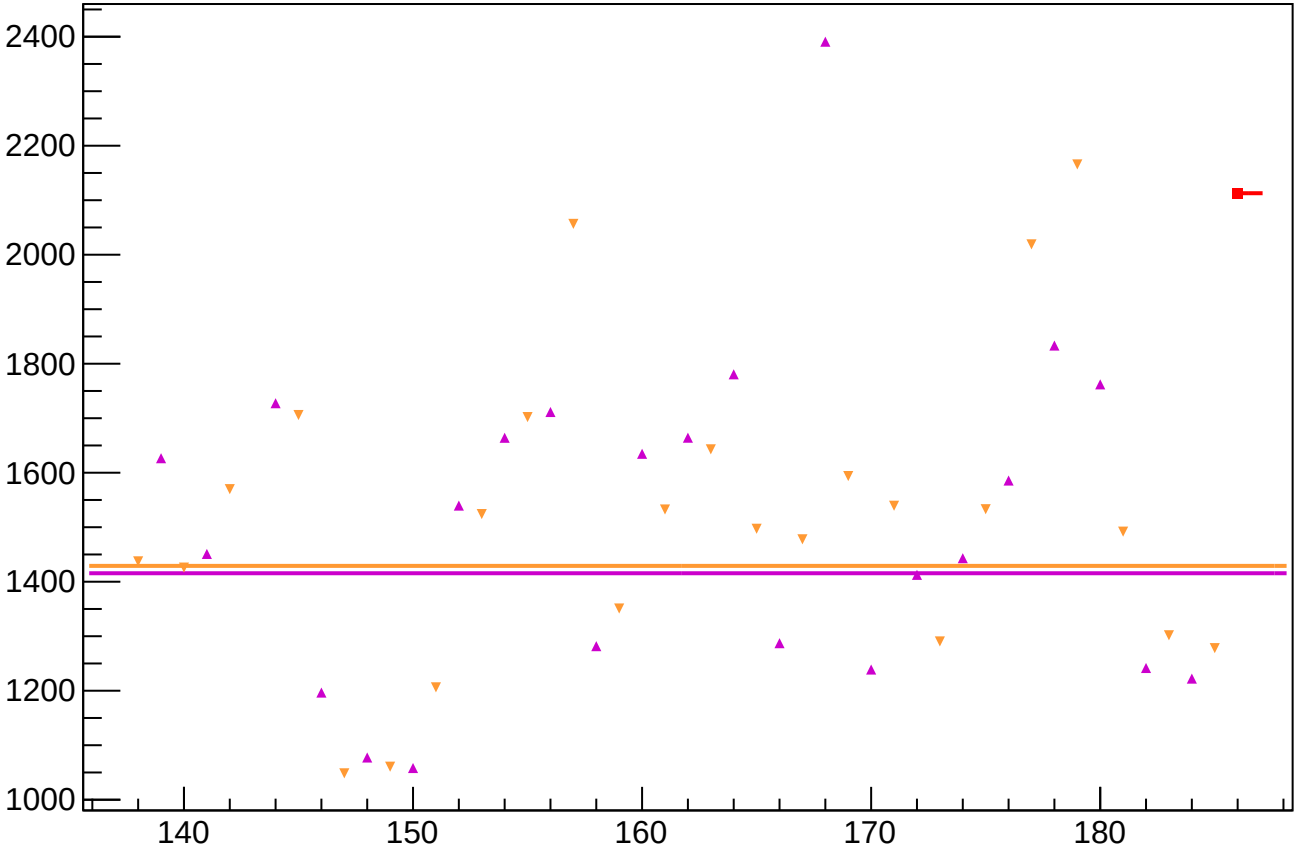
Right: -8508.970+/-3430.440 χ^2/NDF: 0.0/0

In: -27.722+/-344.229 χ^2/NDF:14.8/22

Out: -232.911+/-345.977 χ^2/NDF:35.2/24

All: -129.797+/-244.022 χ^2/NDF: 50.2/47

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 2112.839+/-2.426 χ^2/NDF: 0.0/0

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

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

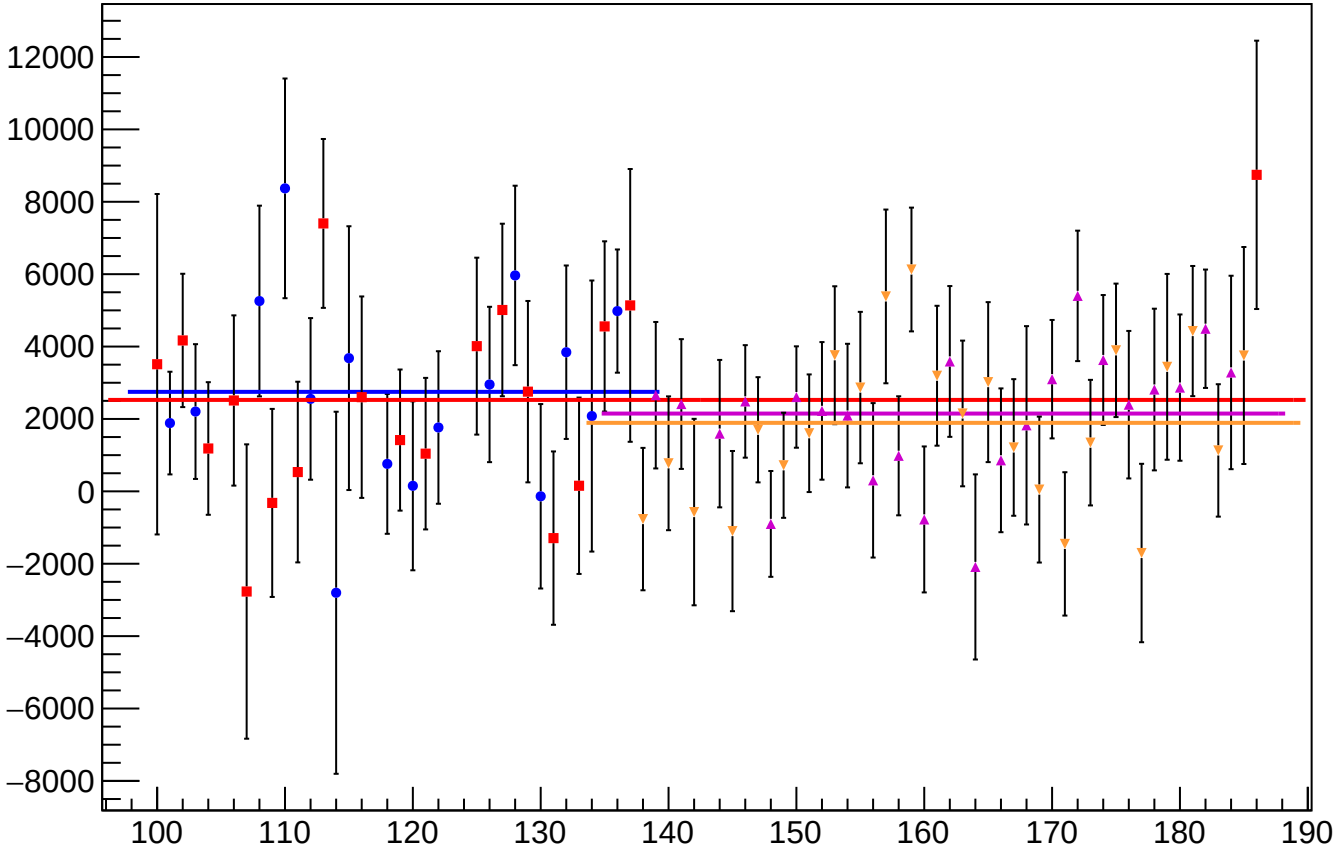
Right: 2112.839+/-2.426 χ^2/NDF: 0.0/0

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

Out: 1436.020+/-0.245 χ^2/NDF:1185602.8/24

All: 1425.736+/-0.173 χ^2/NDF: 2434722.9/47

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2748.777+/-562.943 χ^2/NDF: 13.5/15

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

Right Out: 2525.942+/-562.381 χ^2/NDF: 19.1/18

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

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

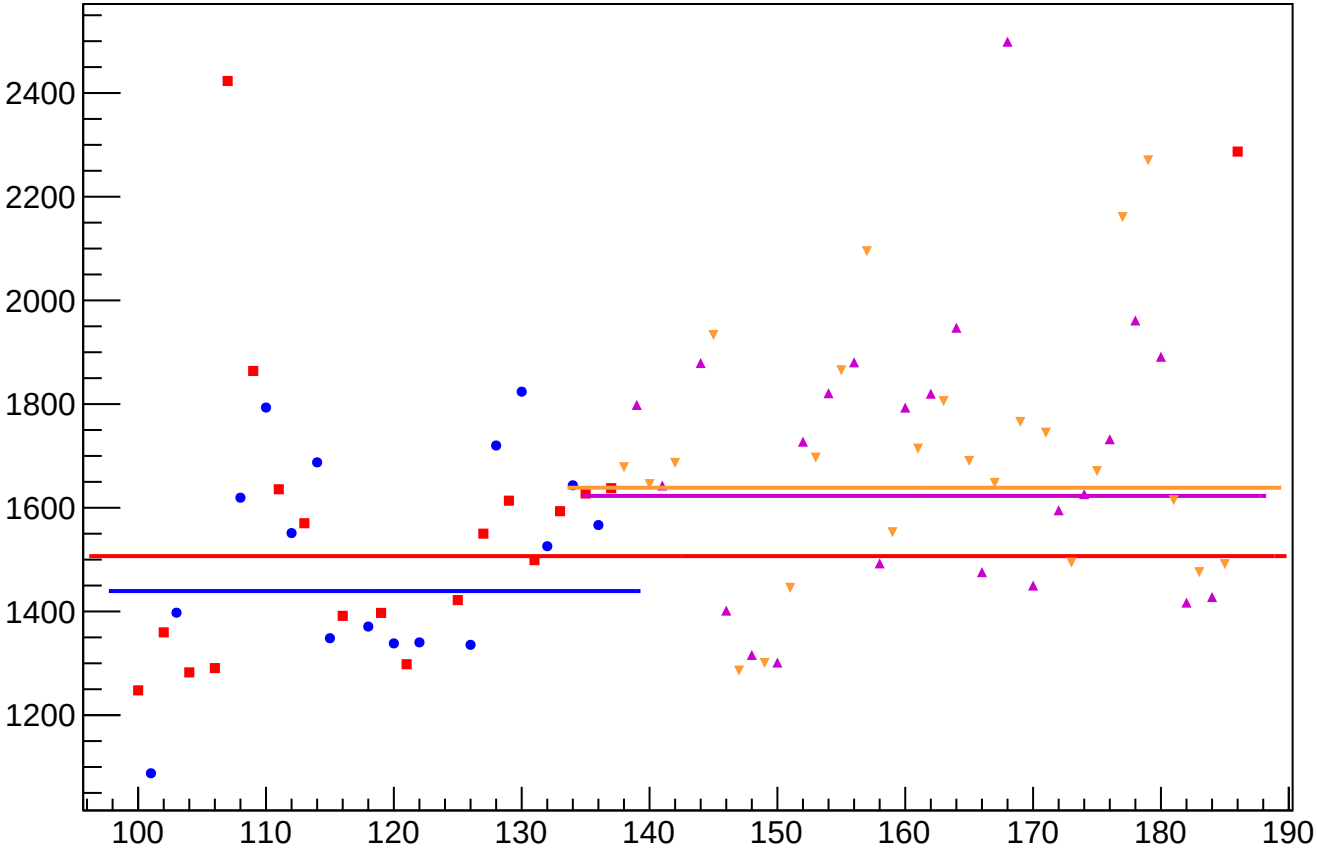
Right: 2637.248+/-397.862 χ^2/NDF: 32.7/34

In: 2344.575+/-321.534 χ^2/NDF:32.7/38

Out: 2101.624+/-323.125 χ^2/NDF:45.9/42

All: 2223.699+/-227.919 χ^2/NDF: 78.9/81

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1439.332+/-0.398 χ^2/NDF: 277860.8/15

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

Right Out: 1506.766+/-0.398 χ^2/NDF: 347023.2/18

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

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

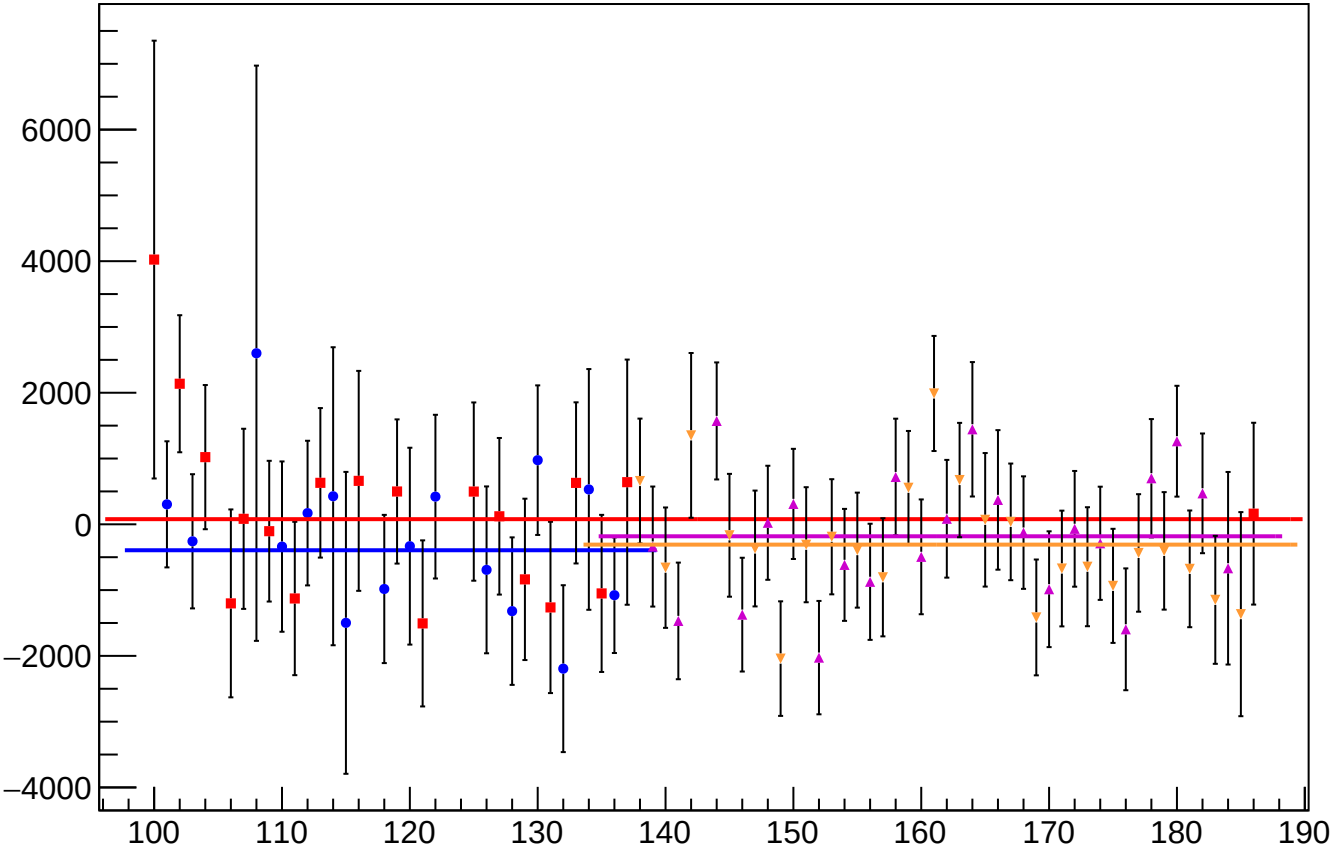
Right: 1473.083+/-0.281 χ^2/NDF: 639247.5/34

In: 1562.998+/-0.227 χ^2/NDF:1201632.3/38

Out: 1595.131+/-0.228 χ^2/NDF:1092718.5/42

All: 1578.985+/-0.161 χ^2/NDF: 2304288.5/81

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -394.364+/-313.174 χ^2/NDF: 7.4/15

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

Right Out: 78.180+/-291.676 χ^2/NDF: 12.9/18

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

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

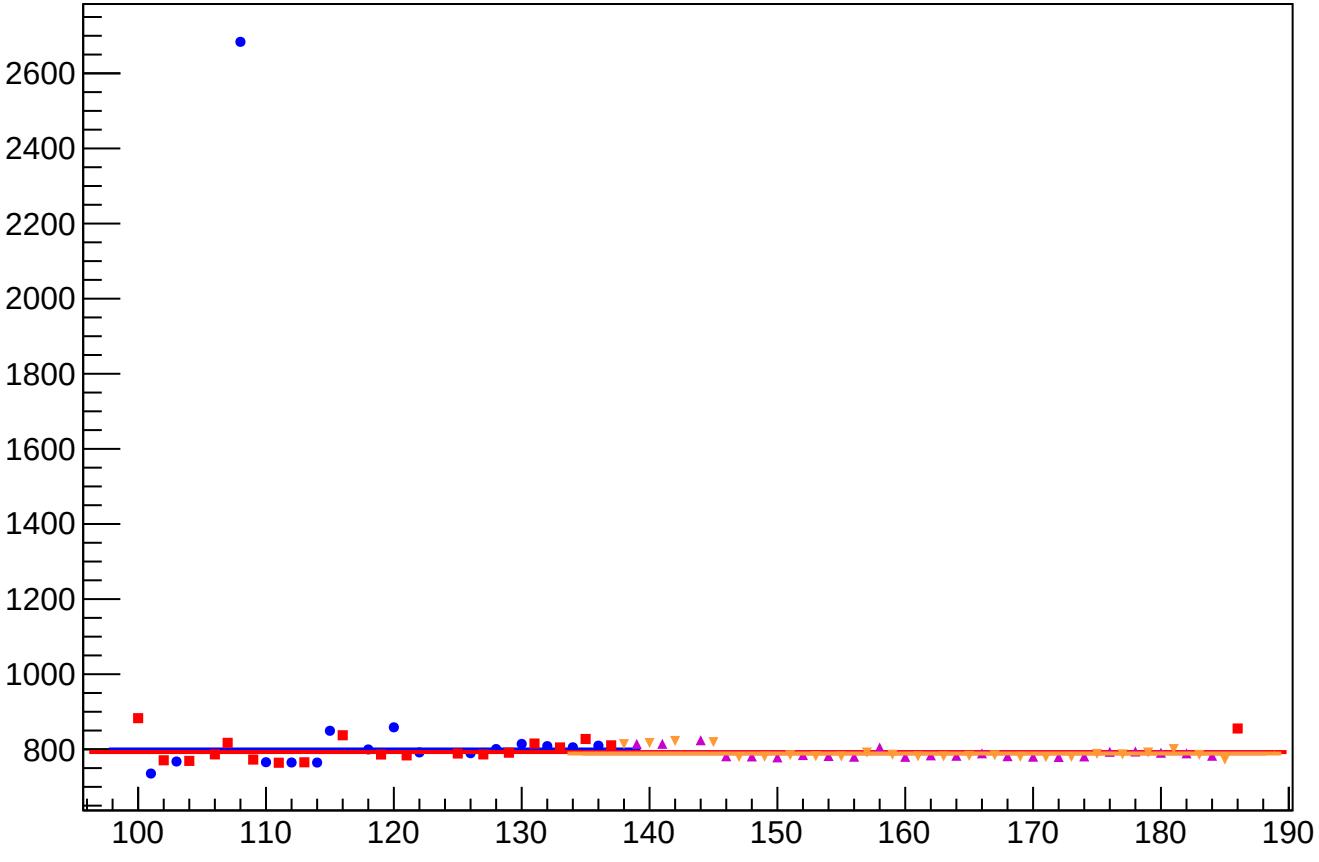
Right: -141.318+/-213.442 χ^2/NDF: 21.6/34

In: -238.215+/-161.146 χ^2/NDF:33.3/38

Out: -195.703+/-157.691 χ^2/NDF:34.7/42

All: -216.499+/-112.706 χ^2/NDF: 68.1/81

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 799.537+/-0.221 χ^2/NDF: 391185.9/15

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

Right Out: 792.718+/-0.206 χ^2/NDF: 15486.6/18

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

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

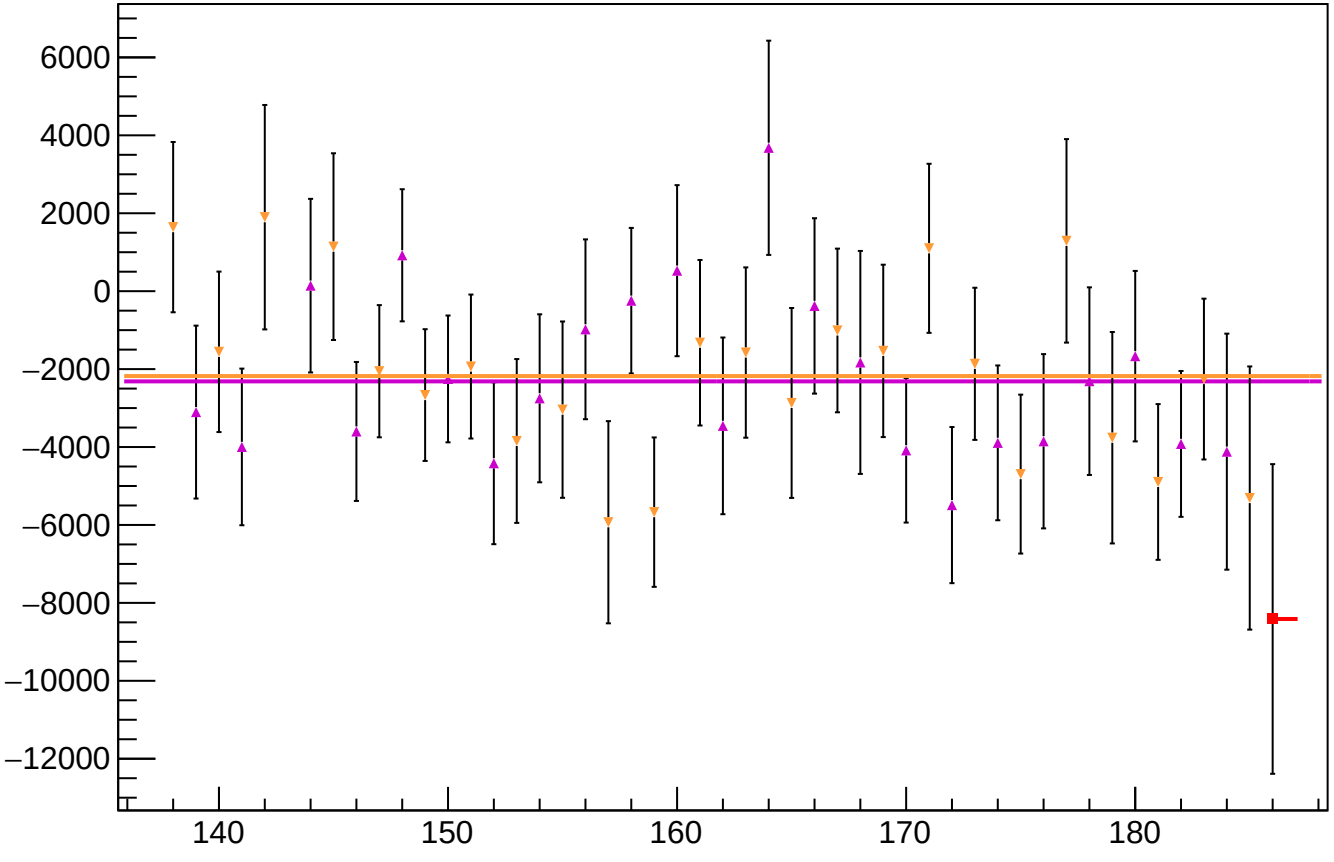
Right: 795.886+/-0.151 χ^2/NDF: 407180.3/34

In: 792.089+/-0.114 χ^2/NDF:401943.8/38

Out: 790.006+/-0.112 χ^2/NDF:25073.1/42

All: 791.025+/-0.080 χ^2/NDF: 427187.6/81

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: -8412.934+/-3973.746 χ^2/NDF: 0.0/0

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

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

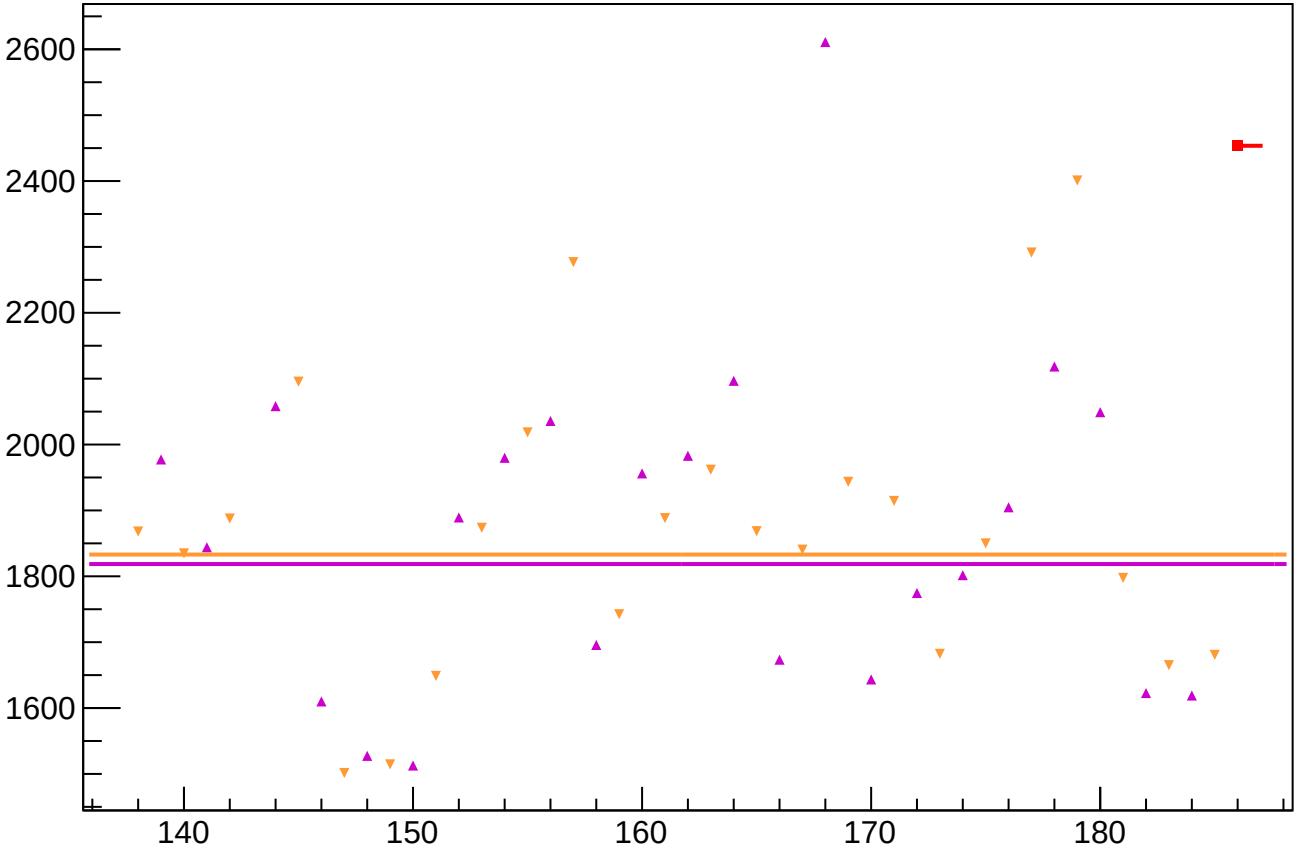
Right: -8412.934+/-3973.746 χ^2/NDF: 0.0/0

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

Out: -2253.863+/-436.994 χ^2/NDF:25.2/24

All: -2284.516+/-309.005 χ^2/NDF: 47.2/47

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 2453.521+/-2.810 χ^2/NDF: 0.0/0

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

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

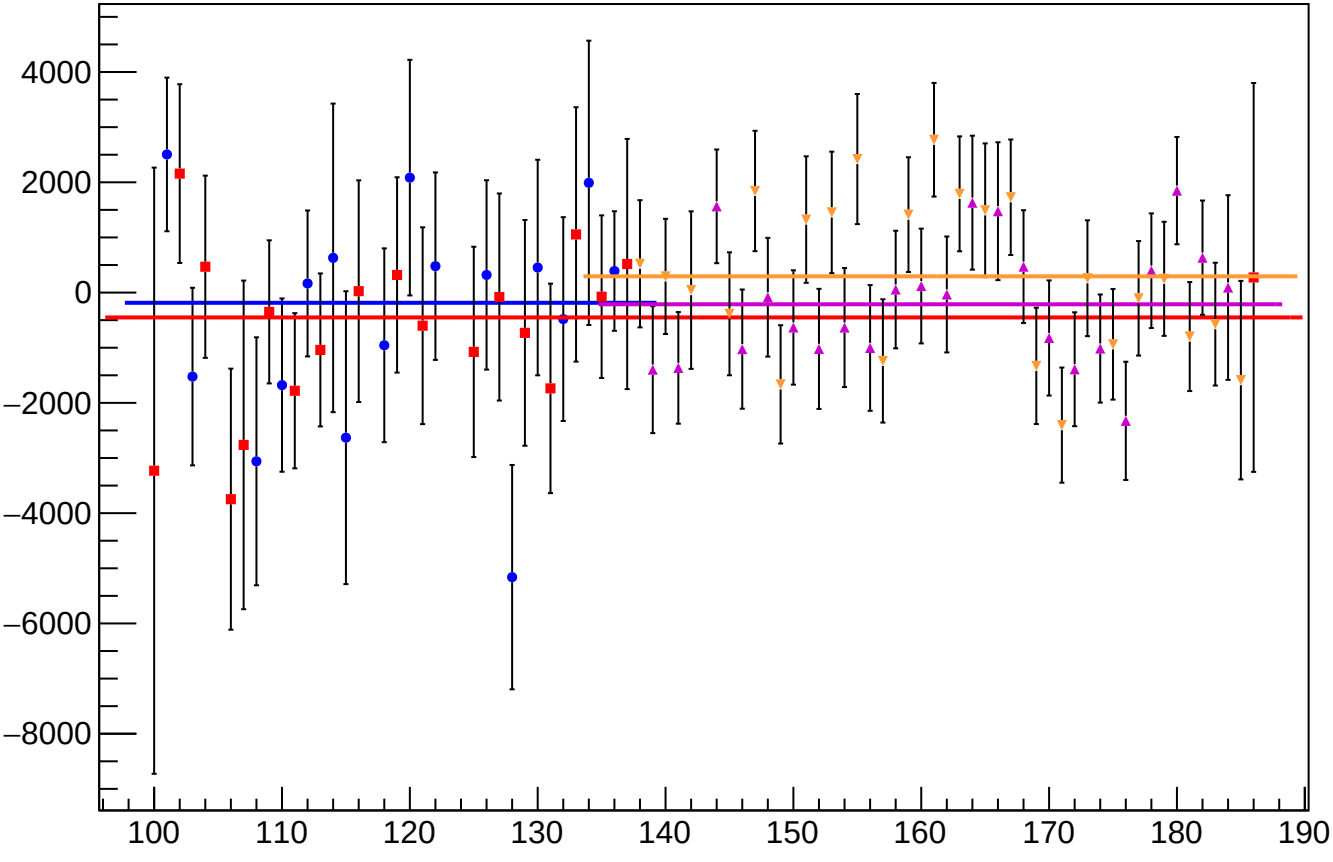
Right: 2453.521+/-2.810 χ^2/NDF: 0.0/0

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

Out: 1840.532+/-0.309 χ^2/NDF:513641.7/24

All: 1829.563+/-0.218 χ^2/NDF: 1052988.4/47

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -185.054+/-431.495 χ^2/NDF: 16.6/15

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

Right Out: -450.623+/-423.826 χ^2/NDF: 8.4/18

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

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

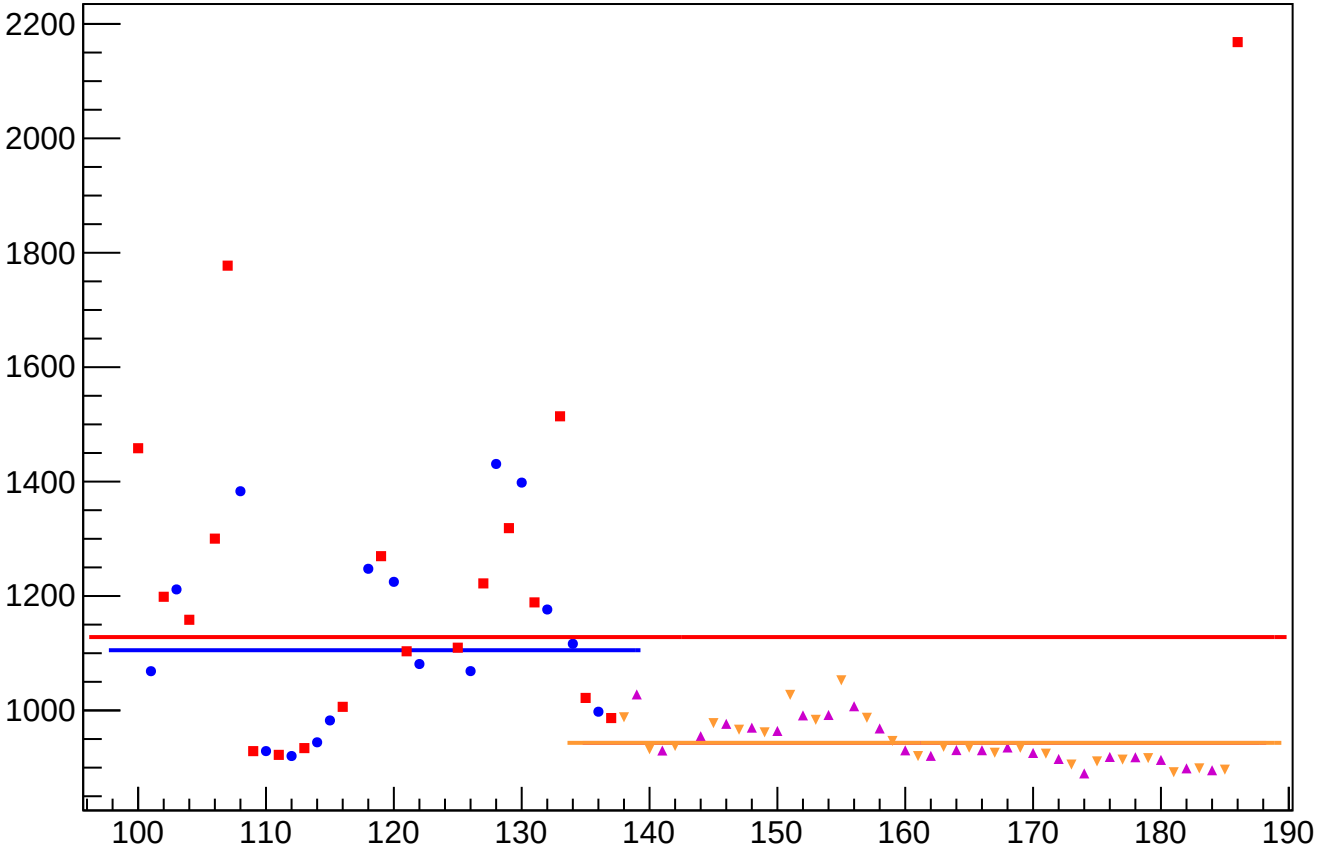
Right: -320.219+/-302.365 χ^2/NDF: 25.2/34

In: -206.315+/-199.297 χ^2/NDF:40.4/38

Out: 131.535+/-198.279 χ^2/NDF:49.1/42

All: -36.525+/-140.563 χ^2/NDF: 90.9/81

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1105.236+/-0.305 χ^2/NDF: 255366.2/15

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

Right Out: 1128.221+/-0.300 χ^2/NDF: 539553.9/18

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

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

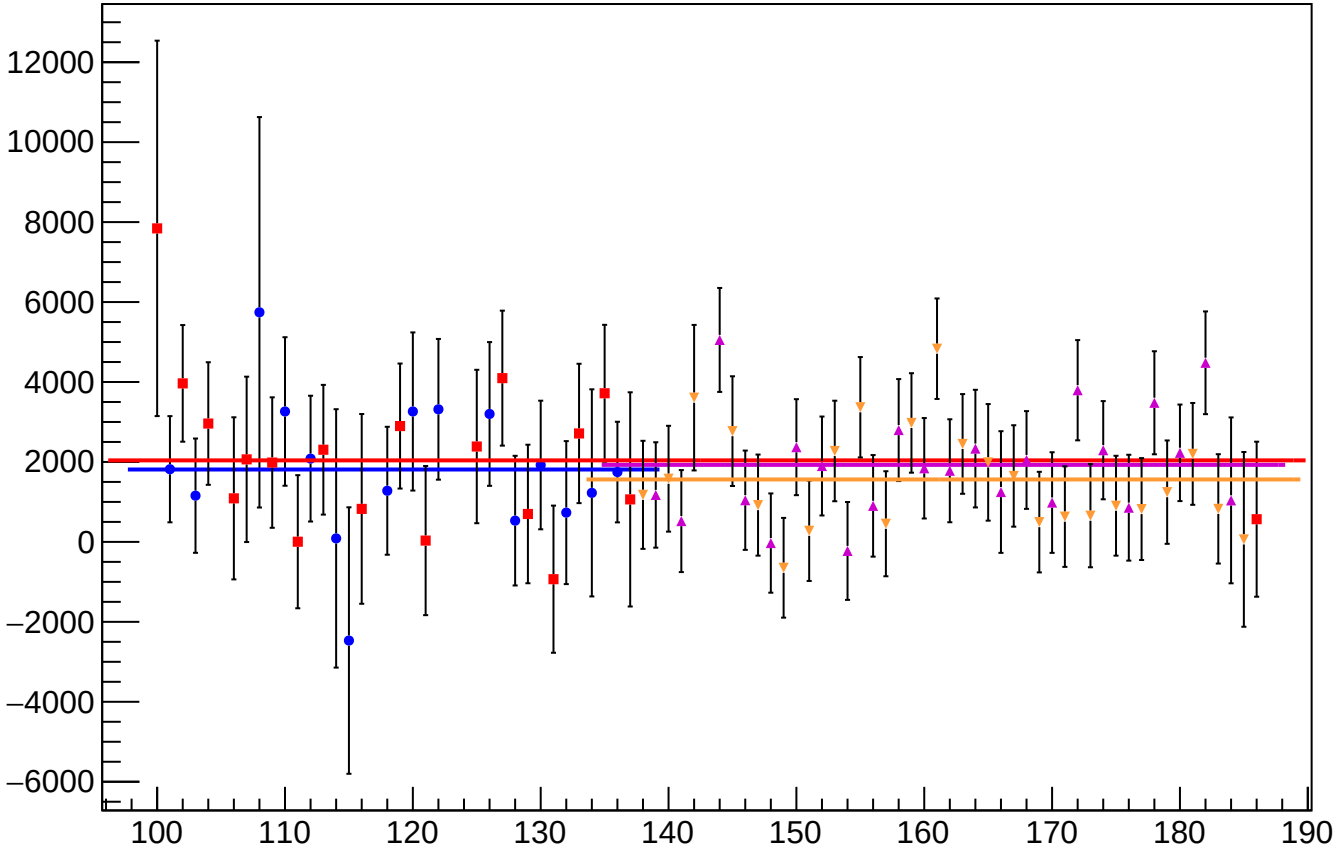
Right: 1116.934+/-0.214 χ^2/NDF: 797808.5/34

In: 977.717+/-0.141 χ^2/NDF:527355.2/38

Out: 983.794+/-0.140 χ^2/NDF:897284.5/42

All: 980.771+/-0.099 χ^2/NDF: 1425574.3/81

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1811.054+/-442.142 χ^2/NDF: 6.5/15

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

Right Out: 2039.420+/-417.640 χ^2/NDF: 13.6/18

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

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

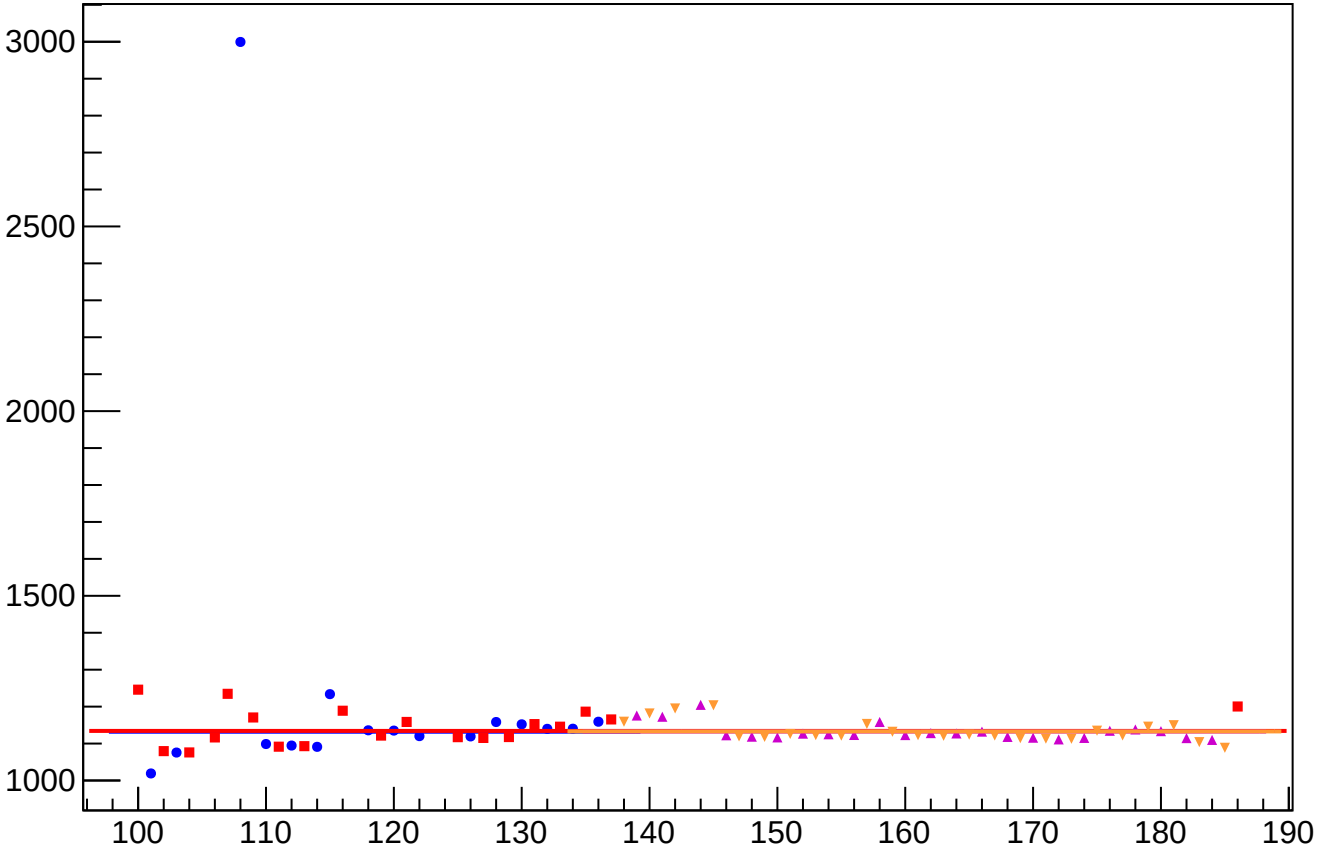
Right: 1931.740+/-303.609 χ^2/NDF: 20.2/34

In: 1895.512+/-230.225 χ^2/NDF:30.6/38

Out: 1702.251+/-226.311 χ^2/NDF:36.3/42

All: 1797.225+/-161.392 χ^2/NDF: 67.3/81

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1132.074+/-0.313 χ^2/NDF: 316026.3/15

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

Right Out: 1134.233+/-0.295 χ^2/NDF: 22157.7/18

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

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

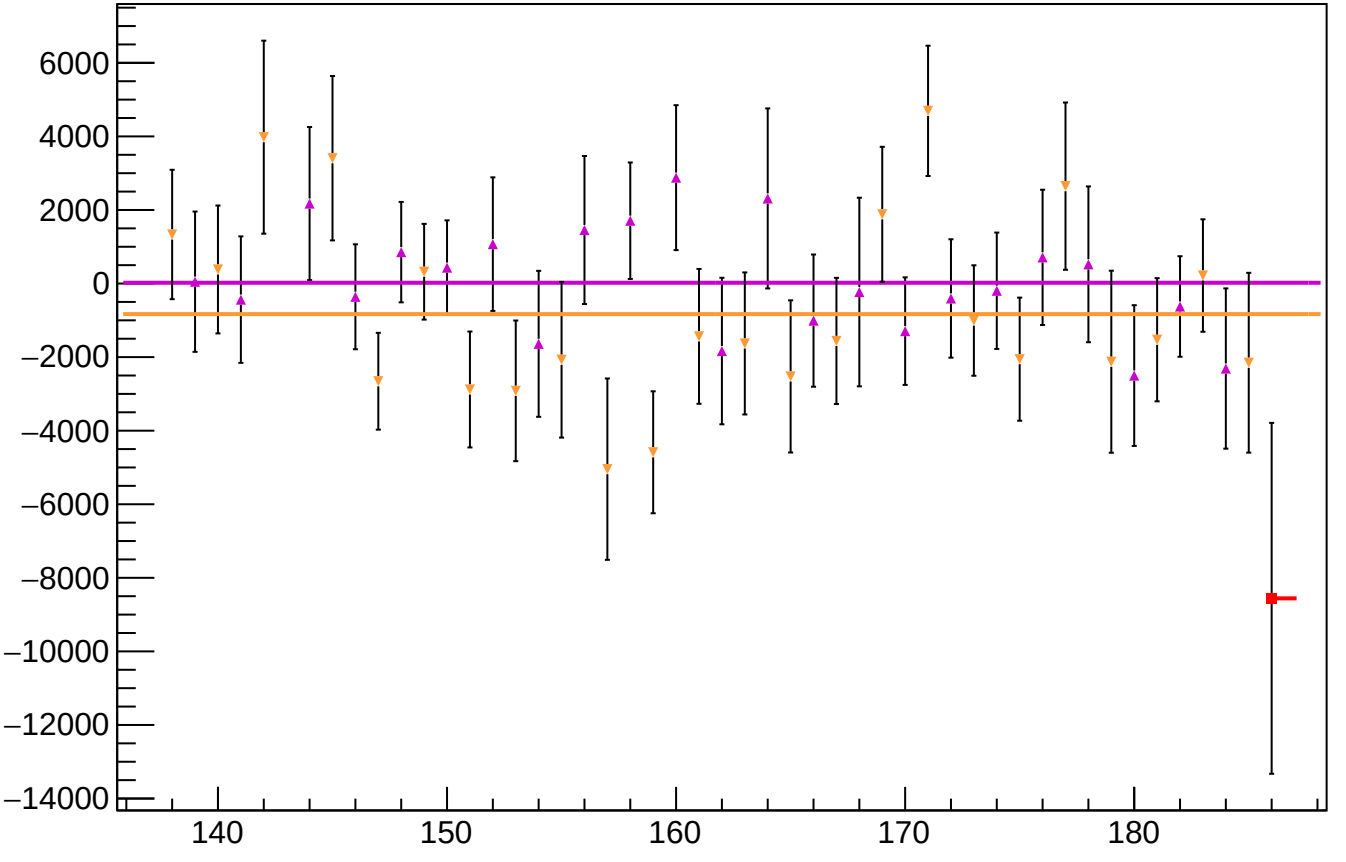
Right: 1133.215+/-0.215 χ^2/NDF: 338209.1/34

In: 1132.436+/-0.163 χ^2/NDF:330552.9/38

Out: 1133.279+/-0.160 χ^2/NDF:38959.2/42

All: 1132.865+/-0.114 χ^2/NDF: 369525.7/81

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: -8557.887+/-4769.818 χ^2/NDF: 0.0/0

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

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

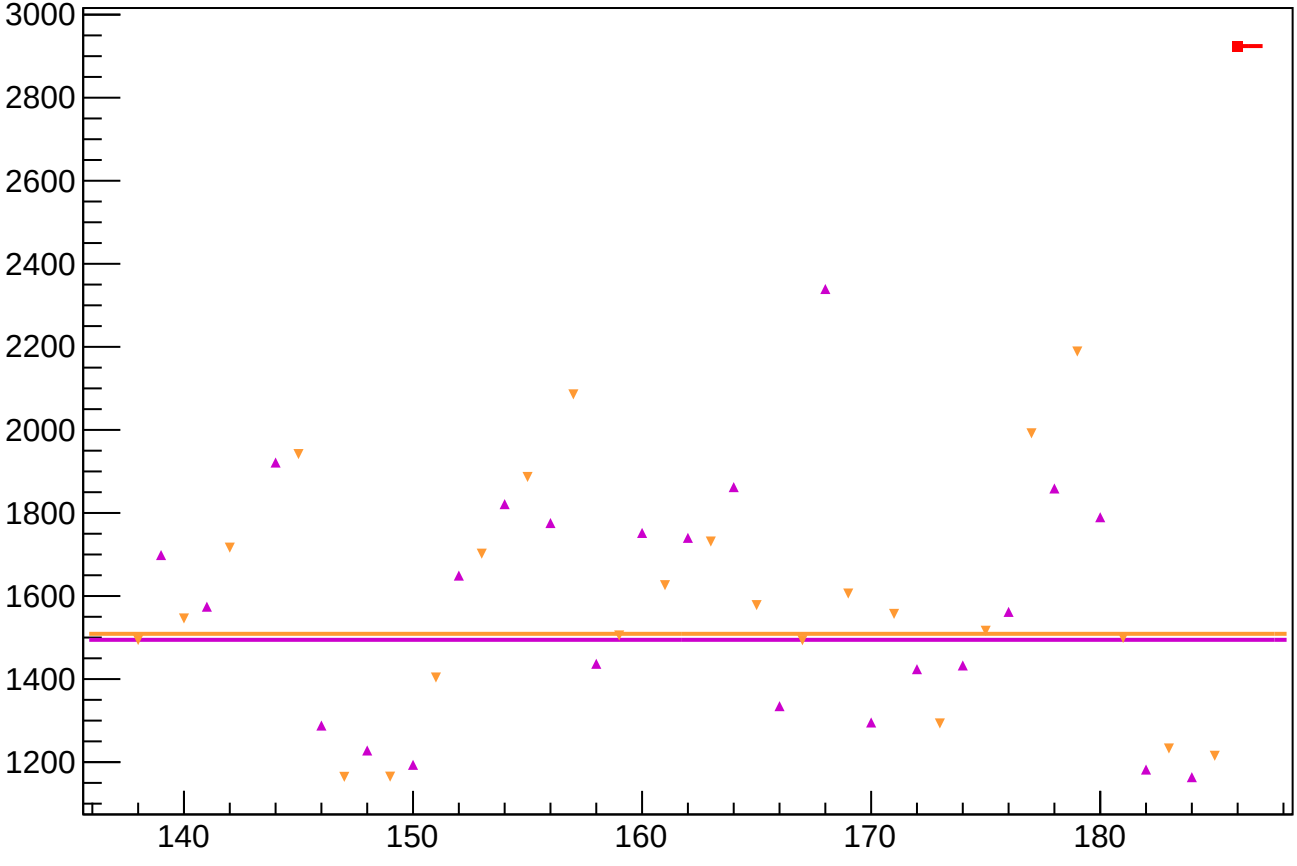
Right: -8557.887+/-4769.818 χ^2/NDF: 0.0/0

In: 21.419+/-362.476 χ^2/NDF:12.8/22

Out: -876.178+/-365.013 χ^2/NDF:42.7/24

All: -424.249+/-257.201 χ^2/NDF: 58.5/47

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 2924.314+/-3.373 χ^2/NDF: 0.0/0

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

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

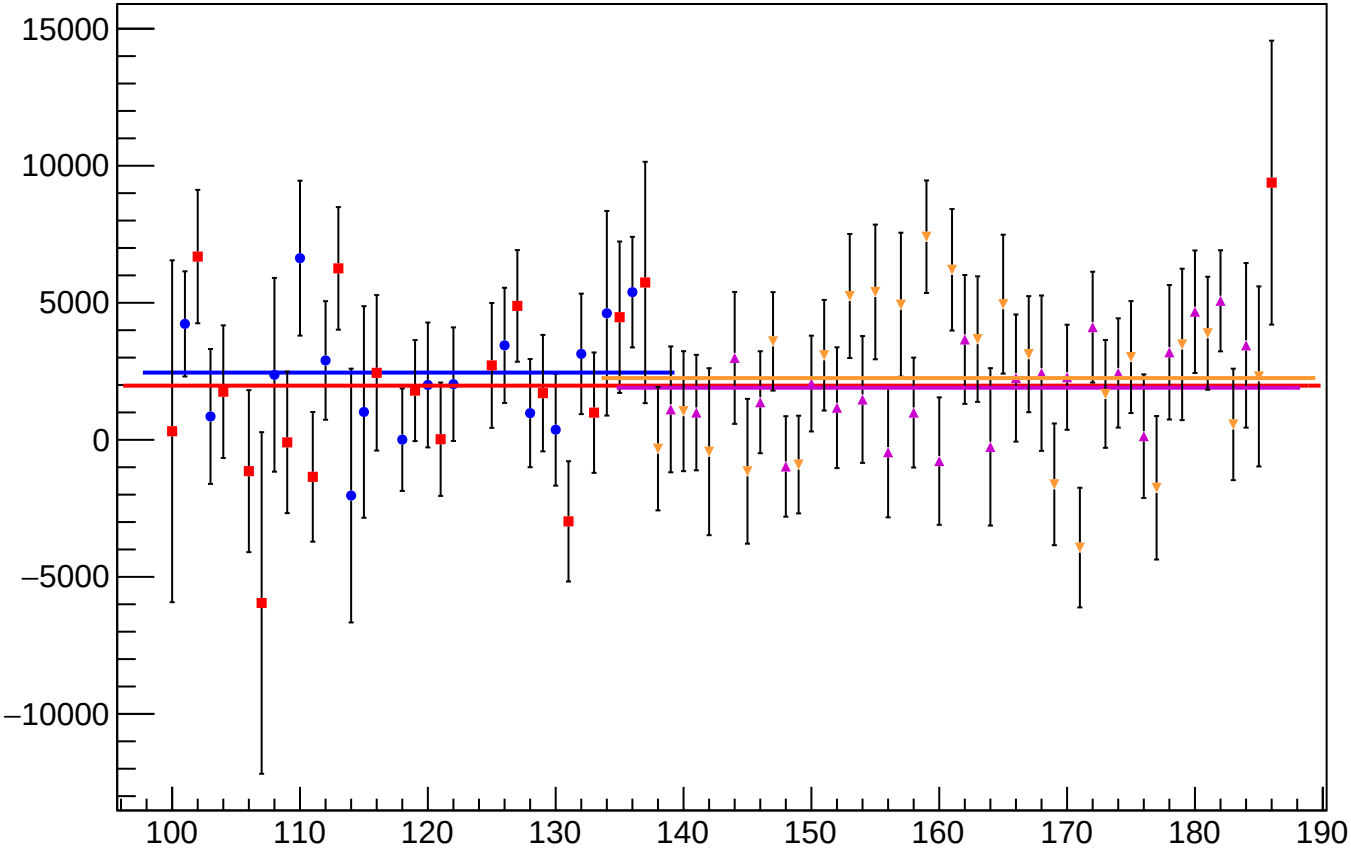
Right: 2924.314+/-3.373 χ^2/NDF: 0.0/0

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

Out: 1517.281+/-0.258 χ^2/NDF:1163732.8/24

All: 1505.814+/-0.182 χ^2/NDF: 2263933.2/47

asym_usl_mean vs Slug, Sign Corrected



Right In: 2453.670+/-584.307 χ^2/NDF: 10.8/15

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

Right Out: 1976.637+/-579.527 χ^2/NDF: 24.8/18

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

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

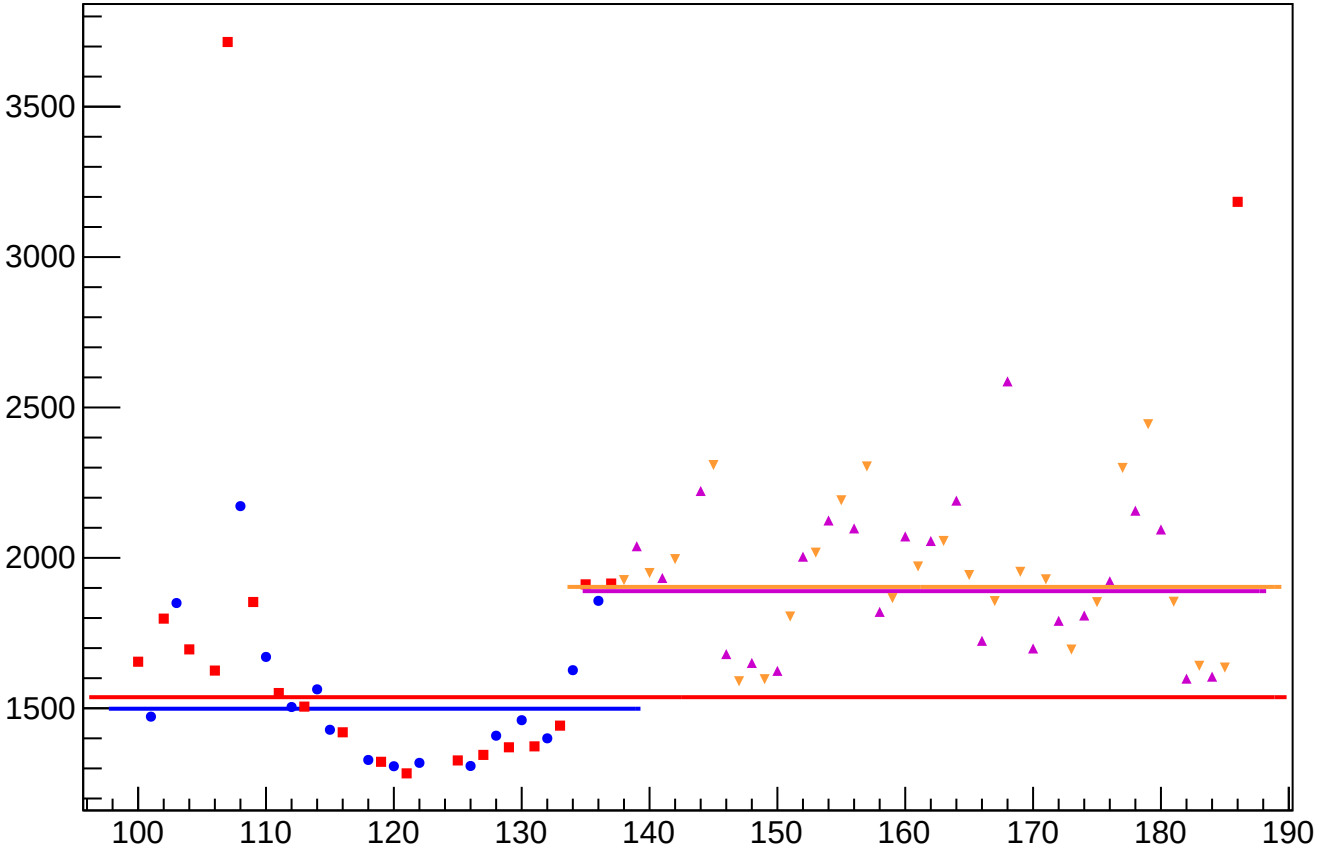
Right: 2213.195+/-411.467 χ^2/NDF: 35.9/34

In: 2109.479+/-358.443 χ^2/NDF:25.2/38

Out: 2147.816+/-358.553 χ^2/NDF:63.6/42

All: 2128.641+/-253.496 χ^2/NDF: 88.8/81

asym_usl_rms vs Slug, Sign Corrected



Right In: 1498.485+/-0.413 χ^2/NDF: 258807.5/15

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

Right Out: 1536.822+/-0.410 χ^2/NDF: 685250.4/18

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

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

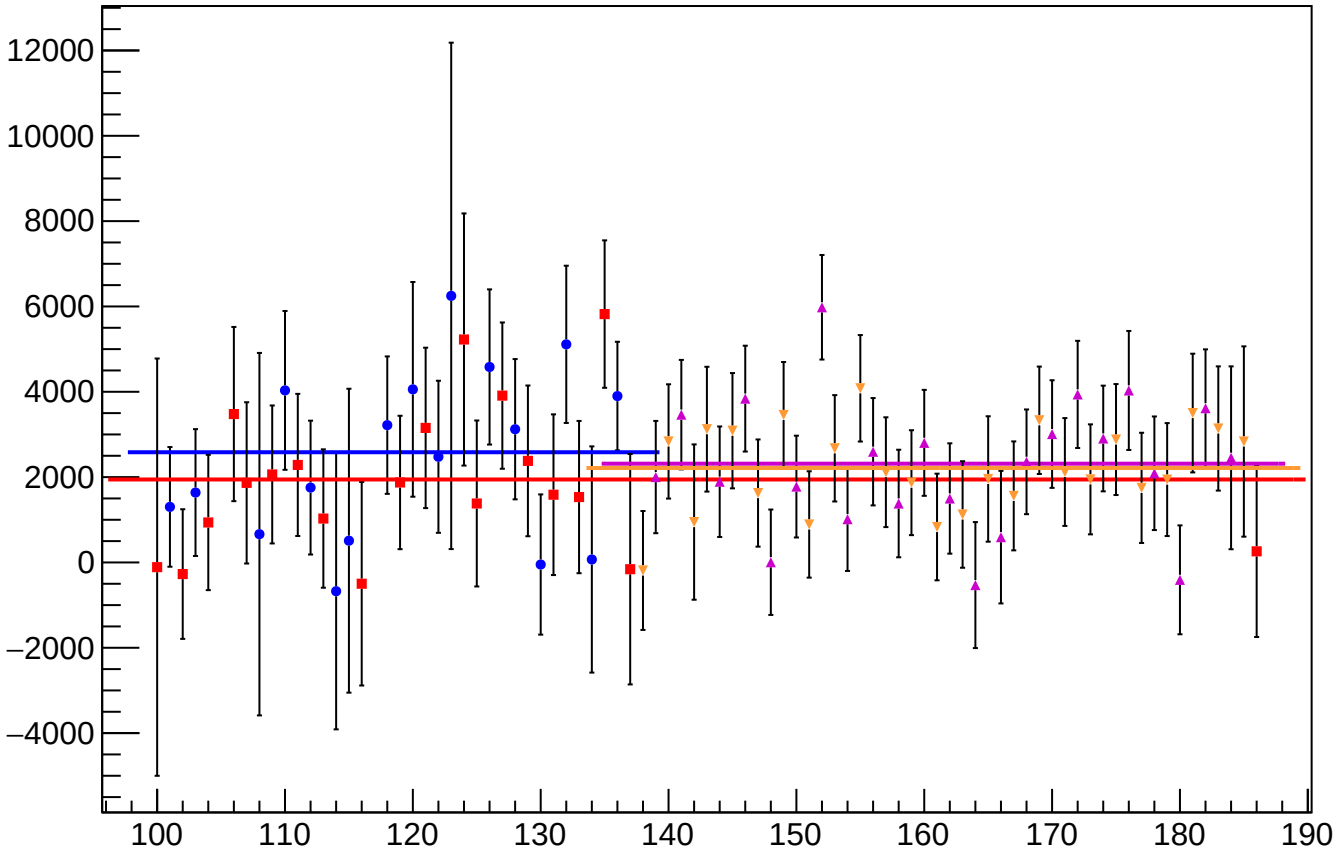
Right: 1517.811+/-0.291 χ^2/NDF: 948398.3/34

In: 1742.244+/-0.253 χ^2/NDF:1325554.5/38

Out: 1763.113+/-0.254 χ^2/NDF:1641212.7/42

All: 1752.676+/-0.179 χ^2/NDF: 2970155.8/81

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2582.988+/-453.193 χ^2/NDF: 12.3/16

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

Right Out: 1944.674+/-417.435 χ^2/NDF: 14.2/19

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

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

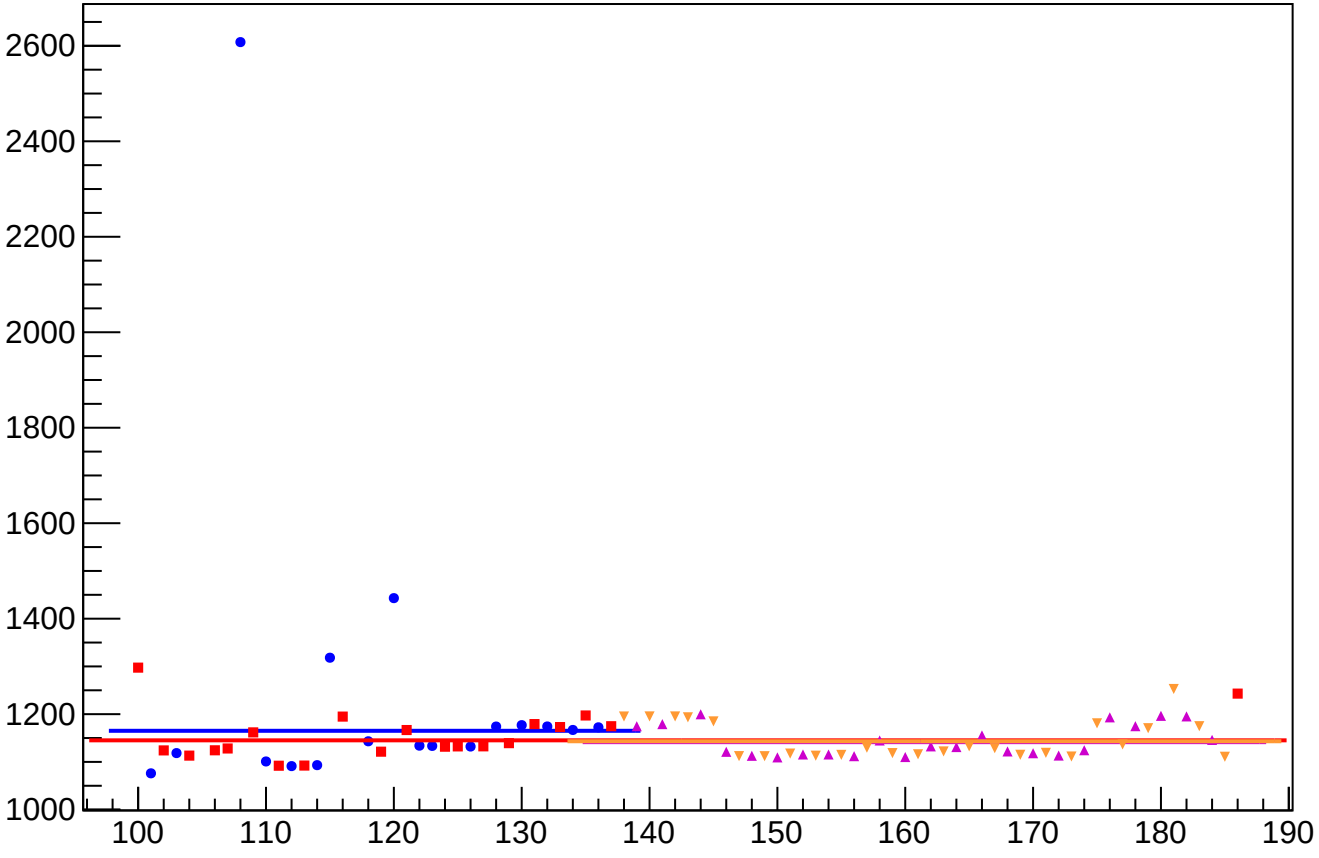
Right: 2237.658+/-307.035 χ^2/NDF: 27.6/36

In: 2385.758+/-233.139 χ^2/NDF:44.1/39

Out: 2135.347+/-224.878 χ^2/NDF:28.7/44

All: 2256.038+/-161.855 χ^2/NDF: 73.4/84

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1165.146+/-0.320 χ^2/NDF: 278570.1/16

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

Right Out: 1145.172+/-0.295 χ^2/NDF: 17682.6/19

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

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

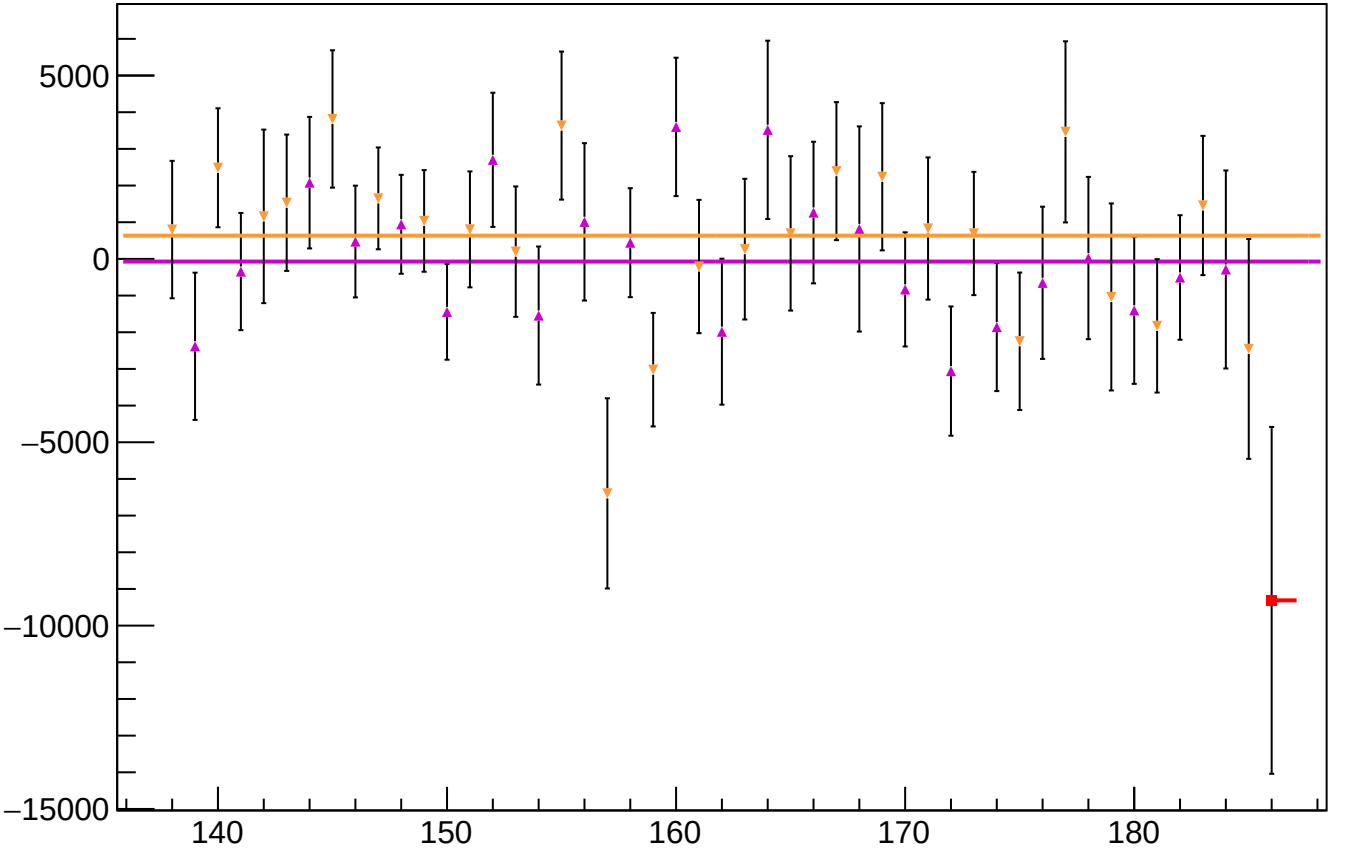
Right: 1154.340+/-0.217 χ^2/NDF: 298354.7/36

In: 1147.657+/-0.165 χ^2/NDF:310635.4/39

Out: 1143.807+/-0.159 χ^2/NDF:57206.0/44

All: 1145.663+/-0.114 χ^2/NDF: 368124.0/84

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: -9311.556+/-4729.177 χ^2/NDF: 0.0/0

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

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

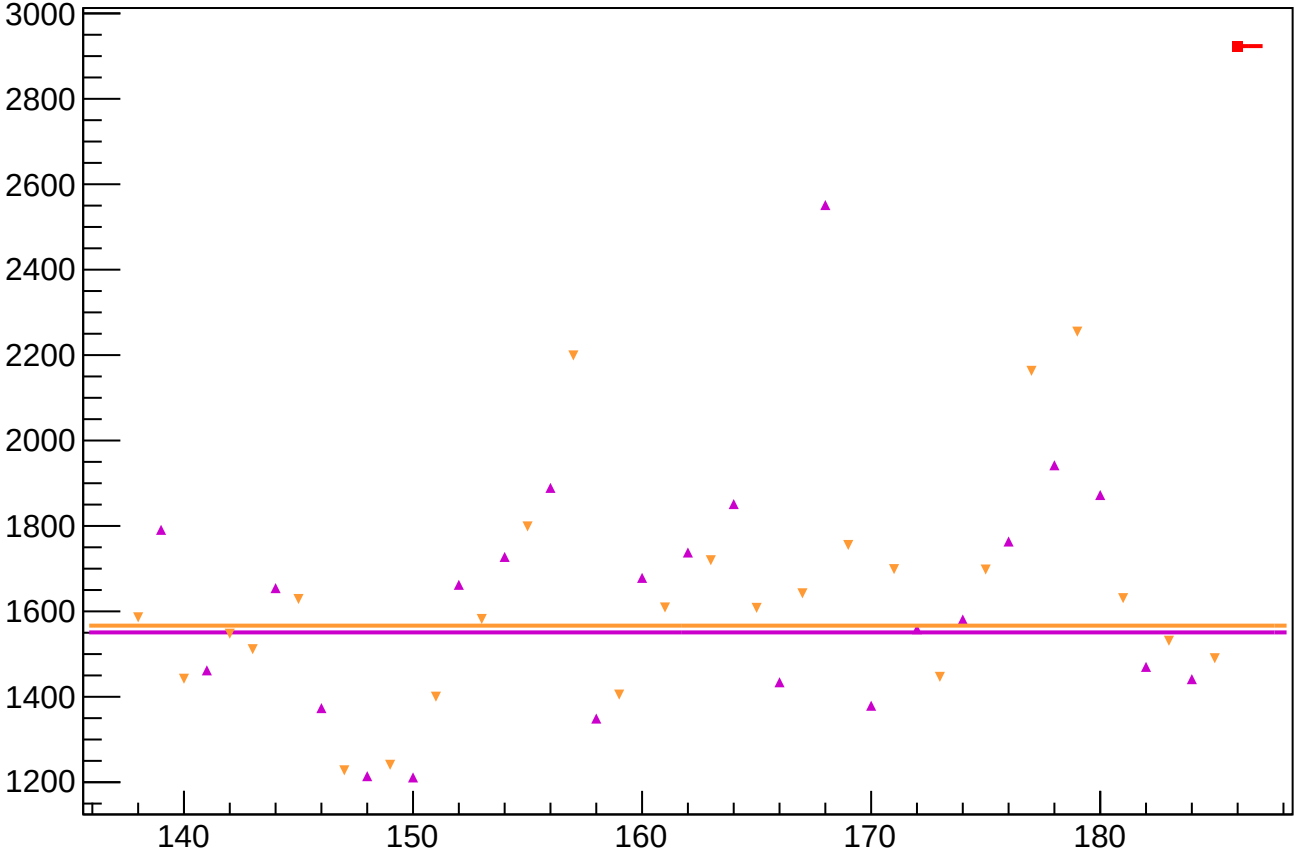
Right: -9311.556+/-4729.177 χ^2/NDF: 0.0/0

In: -72.962+/-375.277 χ^2/NDF:20.1/22

Out: 572.611+/-370.789 χ^2/NDF:33.7/25

All: 253.709+/-263.760 χ^2/NDF: 55.3/48

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 2923.442+/-3.344 χ^2/NDF: 0.0/0

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

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

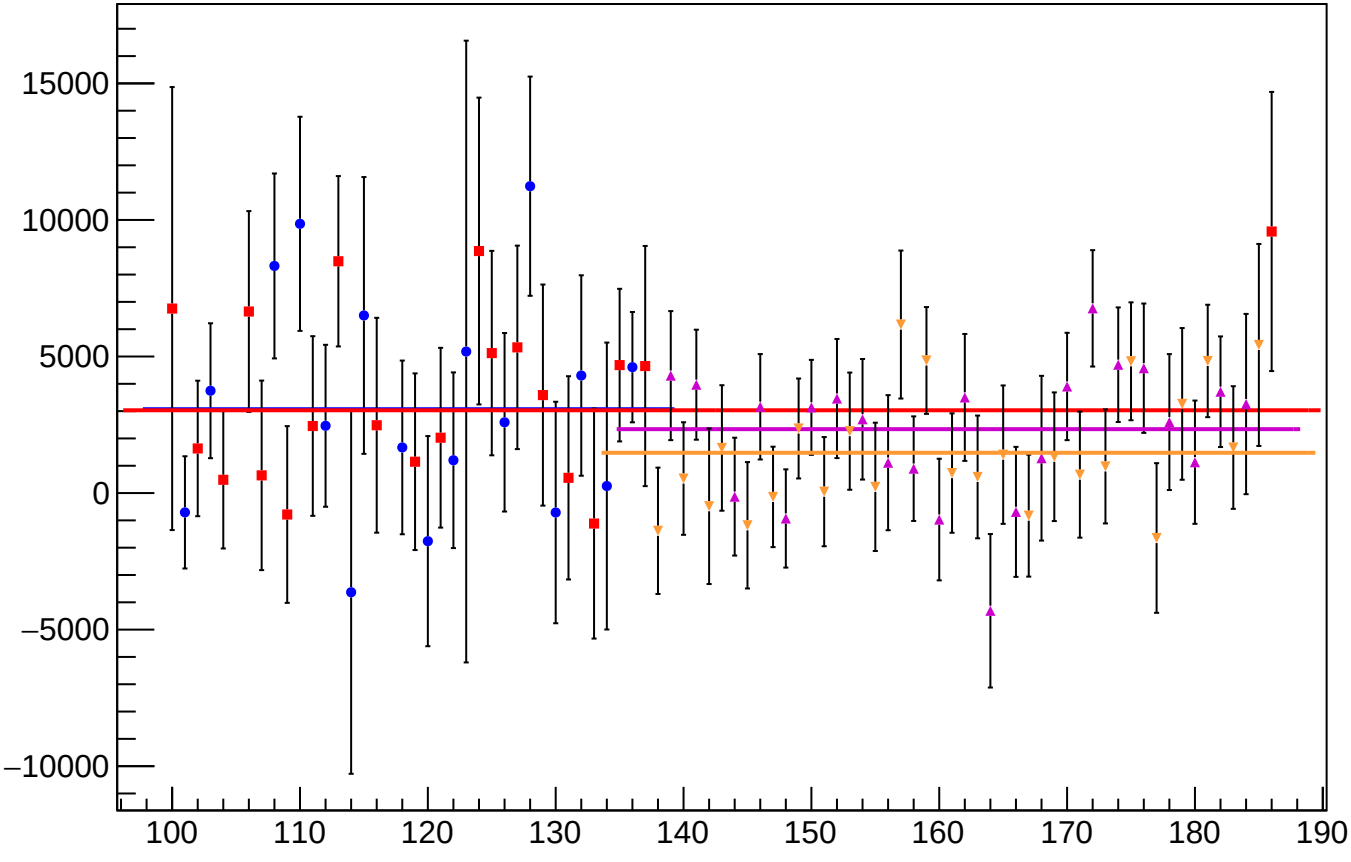
Right: 2923.442+/-3.344 χ^2/NDF: 0.0/0

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

Out: 1574.967+/-0.262 χ^2/NDF:930569.9/25

All: 1563.004+/-0.187 χ^2/NDF: 1863437.1/48

asym_usr_mean vs Slug, Sign Corrected



Right In: 3069.484+/-797.741 χ^2/NDF: 18.5/16

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

Right Out: 3031.145+/-785.893 χ^2/NDF: 13.3/19

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

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

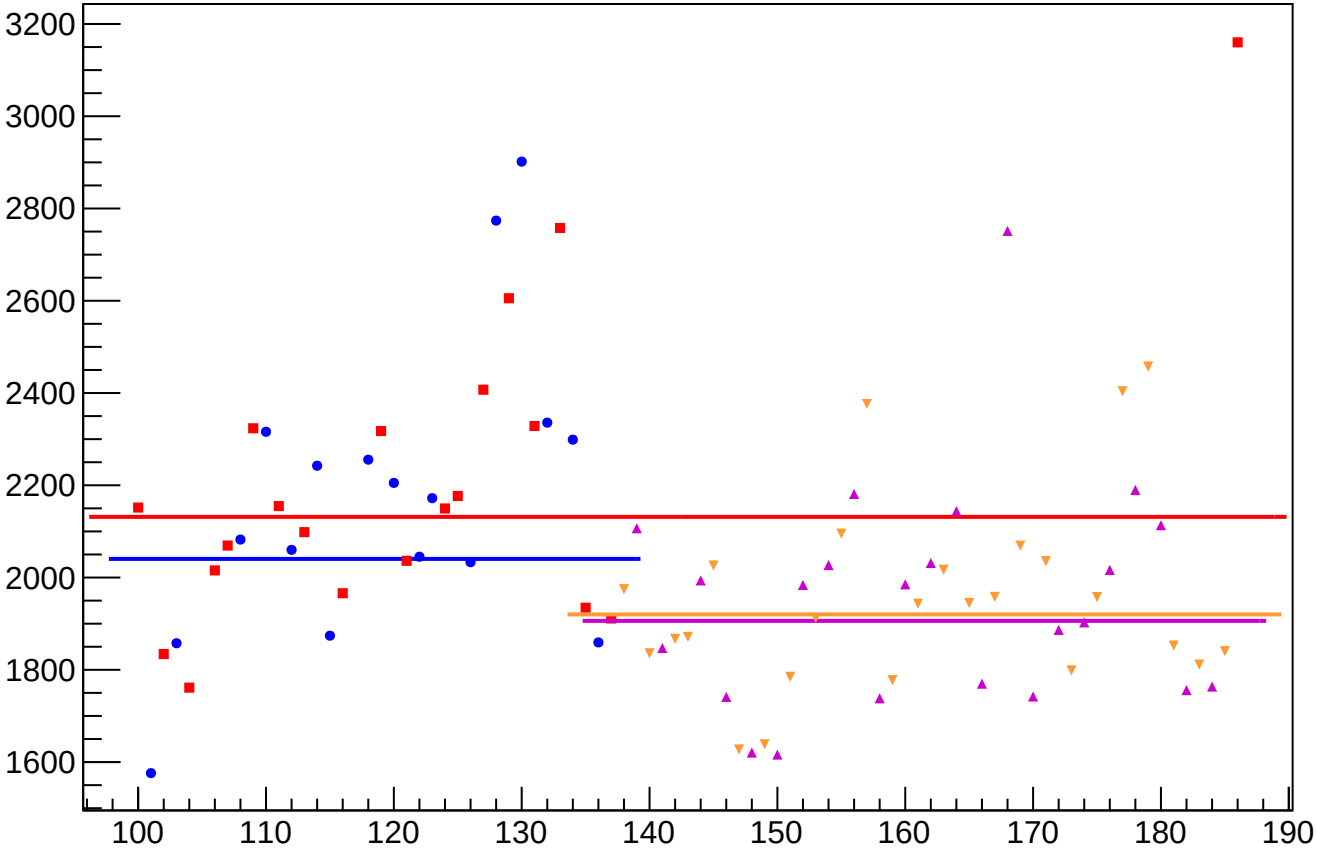
Right: 3050.028+/-559.852 χ^2/NDF: 31.8/36

In: 2520.442+/-396.834 χ^2/NDF:44.3/39

Out: 1861.452+/-391.392 χ^2/NDF:37.1/44

All: 2186.398+/-278.660 χ^2/NDF: 82.8/84

asym_usr_rms vs Slug, Sign Corrected



Right In: 2040.433+/-0.564 χ^2/NDF: 331339.9/16

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

Right Out: 2131.535+/-0.556 χ^2/NDF: 278395.5/19

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

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

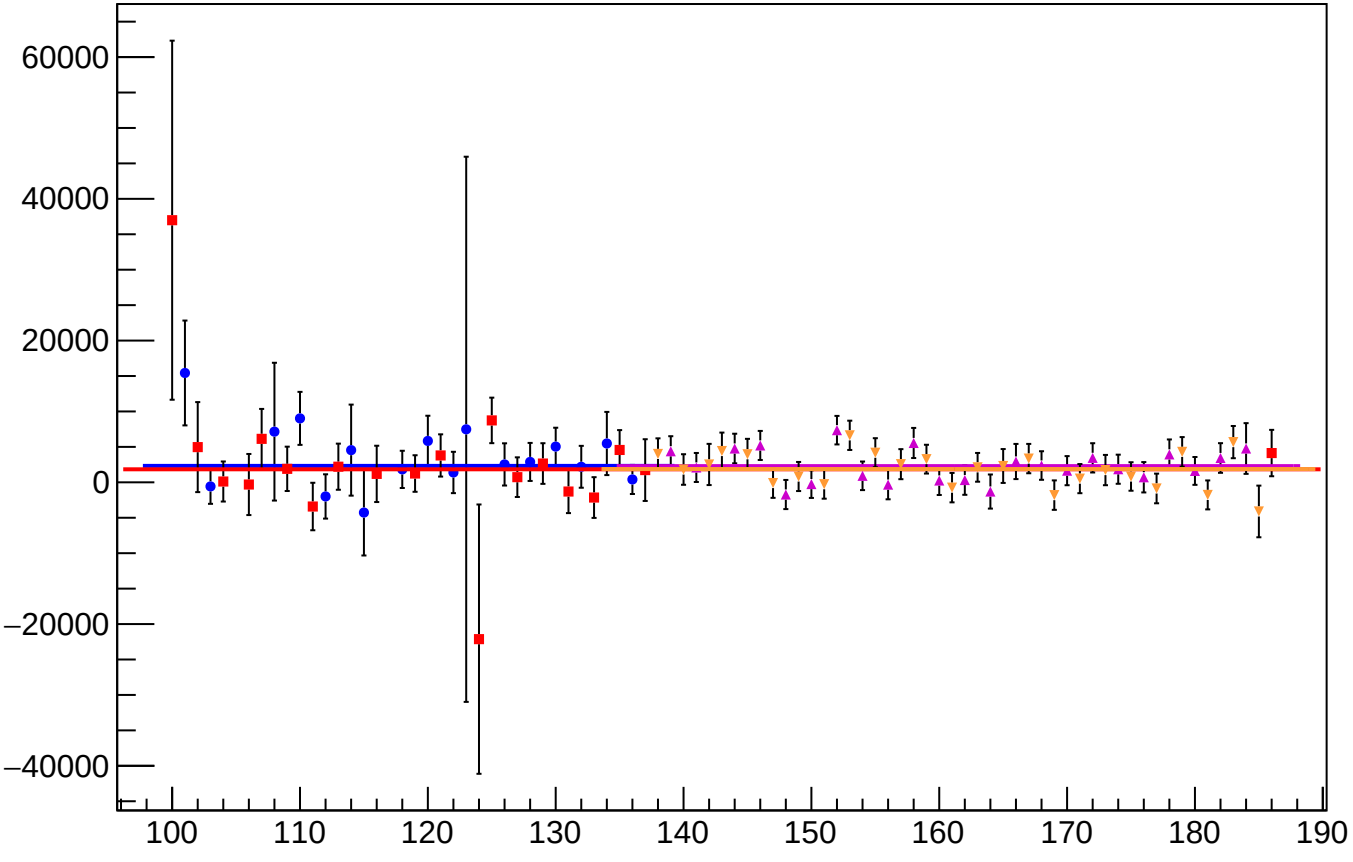
Right: 2086.666+/-0.396 χ^2/NDF: 622972.1/36

In: 1939.298+/-0.281 χ^2/NDF:825109.4/39

Out: 1972.528+/-0.277 χ^2/NDF:753191.4/44

All: 1956.143+/-0.197 χ^2/NDF: 1585409.6/84

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2319.038+/-801.440 χ^2/NDF: 14.8/16

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

Right Out: 1836.720+/-761.368 χ^2/NDF: 17.7/19

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

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

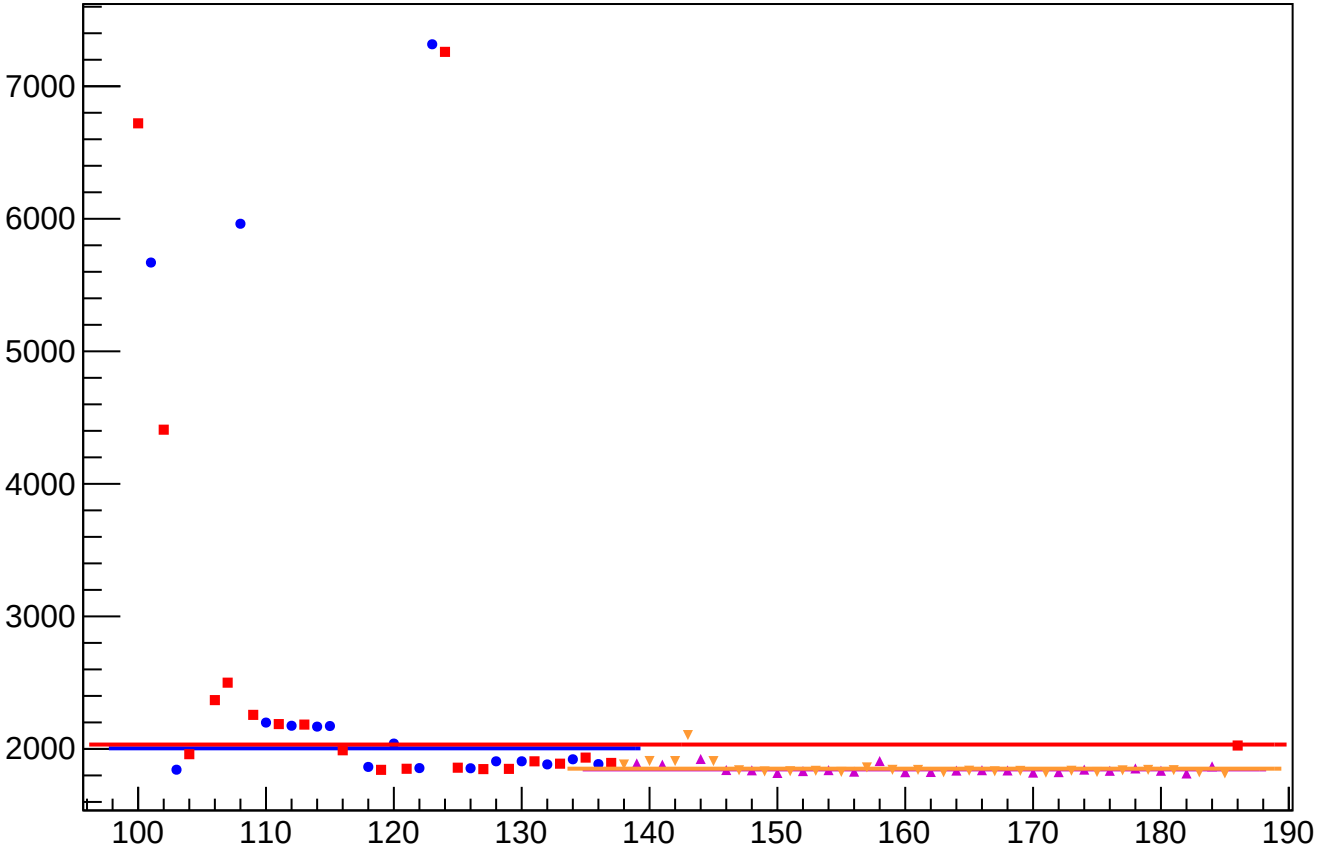
Right: 2065.520+/-551.991 χ^2/NDF: 32.7/36

In: 2293.885+/-386.372 χ^2/NDF:42.1/39

Out: 1865.856+/-376.549 χ^2/NDF:47.7/44

All: 2074.360+/-269.667 χ^2/NDF: 90.5/84

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2004.551+/-0.567 χ^2/NDF: 916013.4/16

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

Right Out: 2033.071+/-0.538 χ^2/NDF: 611020.4/19

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

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

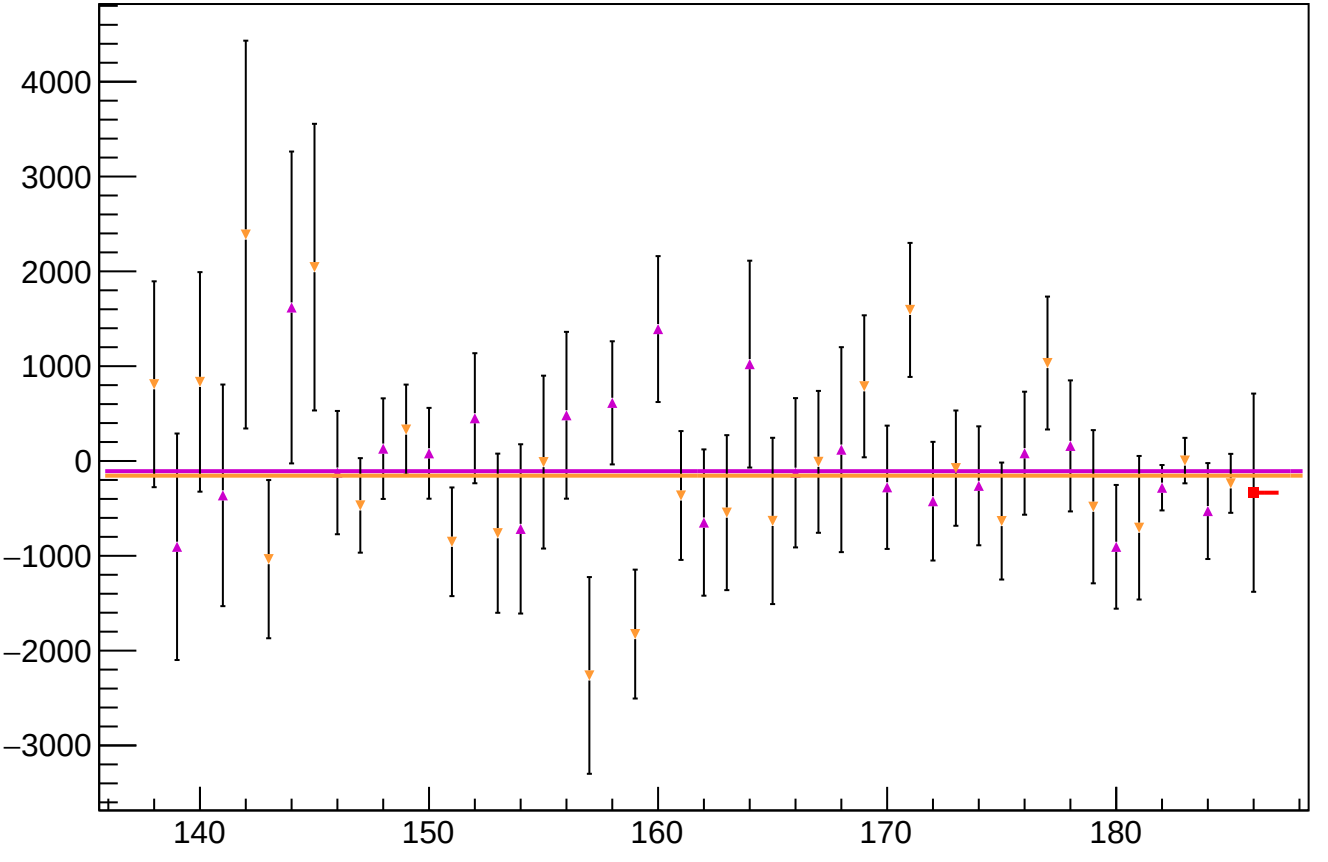
Right: 2019.542+/-0.390 χ^2/NDF: 1528365.1/36

In: 1882.398+/-0.273 χ^2/NDF:984862.0/39

Out: 1895.585+/-0.266 χ^2/NDF:723607.1/44

All: 1889.161+/-0.191 χ^2/NDF: 1709663.9/84

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: -334.357+/-1045.300 χ^2/NDF: 0.0/0

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

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

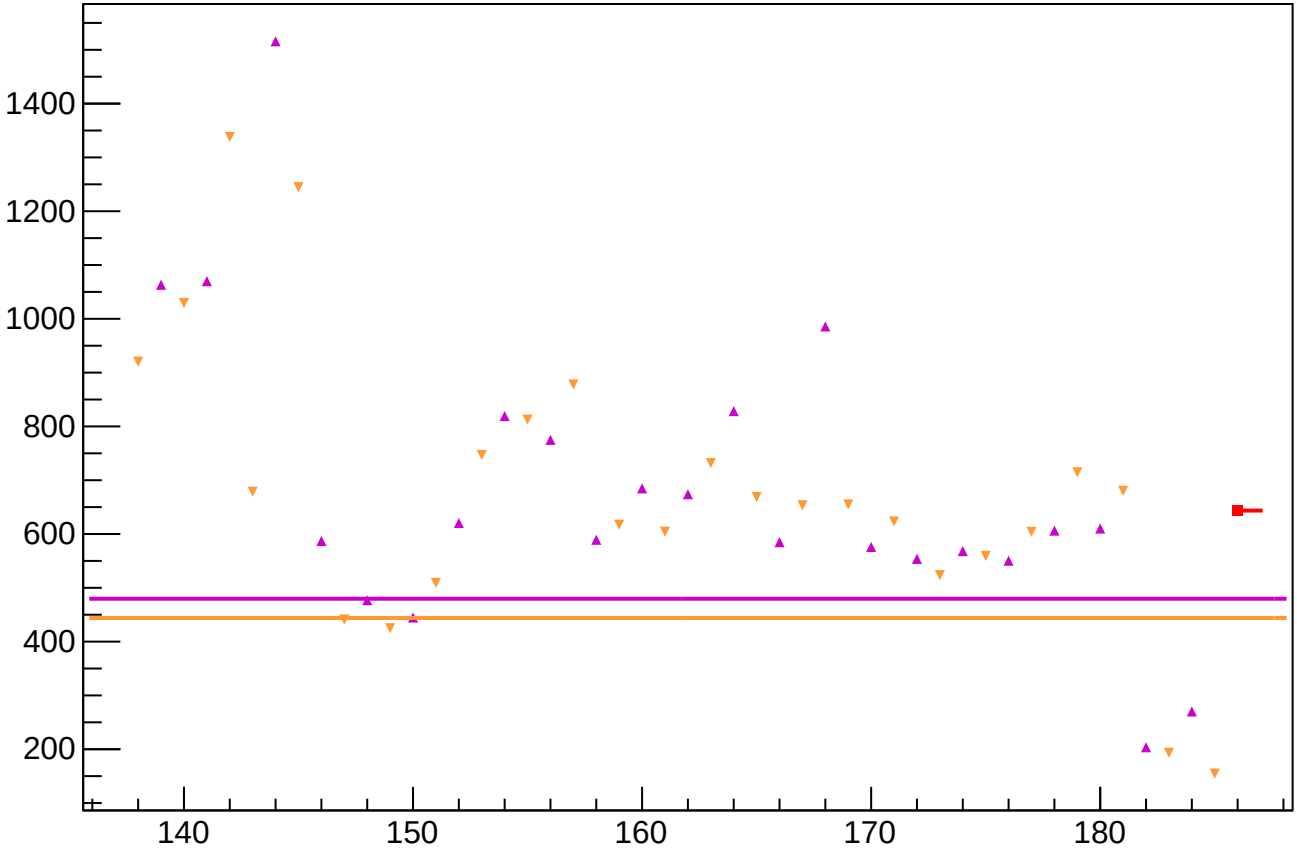
Right: -334.357+/-1045.300 χ^2/NDF: 0.0/0

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

Out: -157.167+/-118.878 χ^2/NDF:33.0/25

All: -134.033+/-86.973 χ^2/NDF: 46.6/48

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 643.583+/-0.739 χ^2/NDF: 0.0/0

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

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

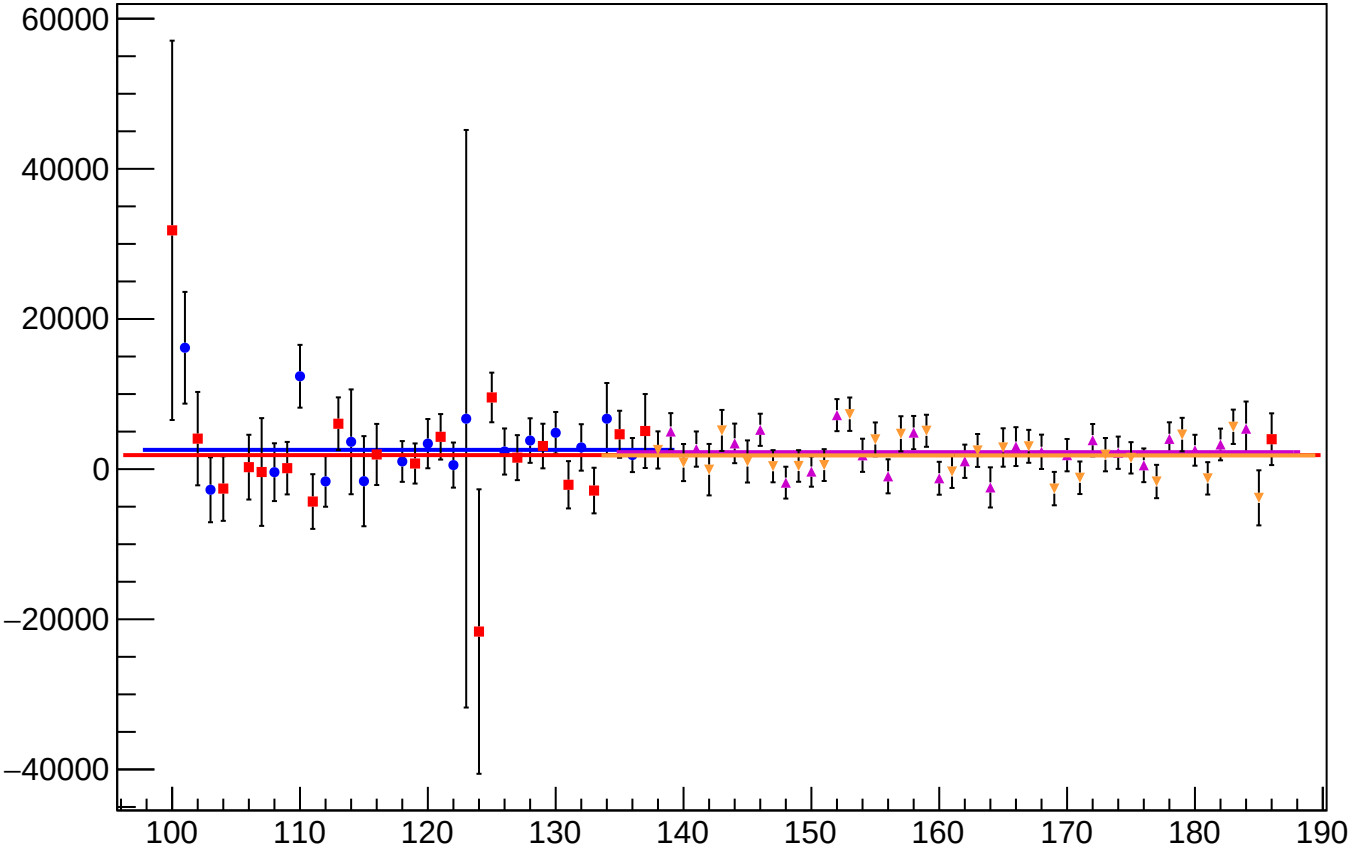
Right: 643.583+/-0.739 χ^2/NDF: 0.0/0

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

Out: 446.543+/-0.084 χ^2/NDF:8645129.3/25

All: 461.963+/-0.061 χ^2/NDF: 15452132.4/48

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2566.797+/-856.089 χ^2/NDF: 15.6/16

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

Right Out: 1867.588+/-828.178 χ^2/NDF: 20.9/19

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

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

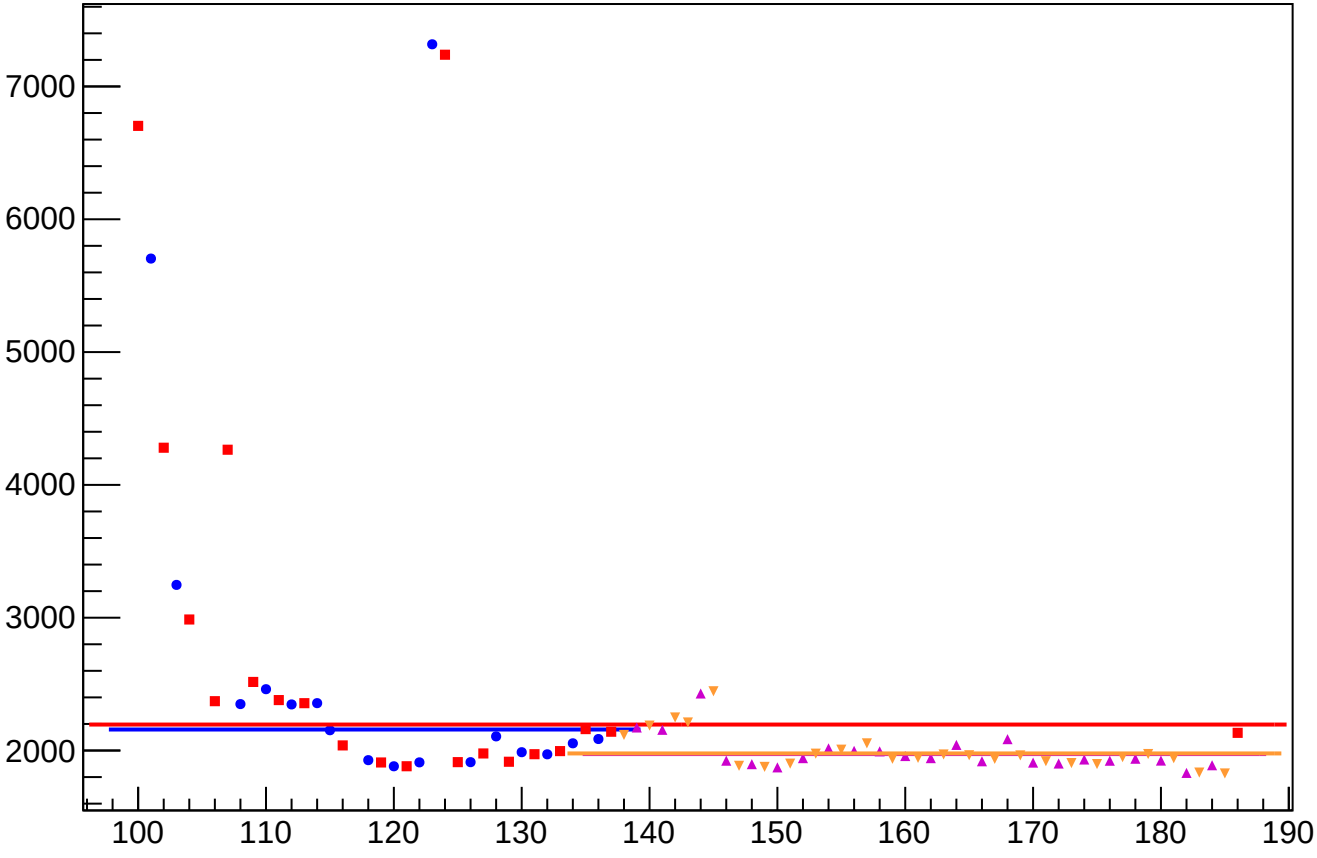
Right: 2205.609+/-595.233 χ^2/NDF: 36.8/36

In: 2331.732+/-413.556 χ^2/NDF:42.0/39

Out: 1842.567+/-404.649 χ^2/NDF:53.7/44

All: 2081.824+/-289.228 χ^2/NDF: 96.4/84

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2158.148+/-0.605 χ^2/NDF: 713862.1/16

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

Right Out: 2195.515+/-0.586 χ^2/NDF: 803719.3/19

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

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

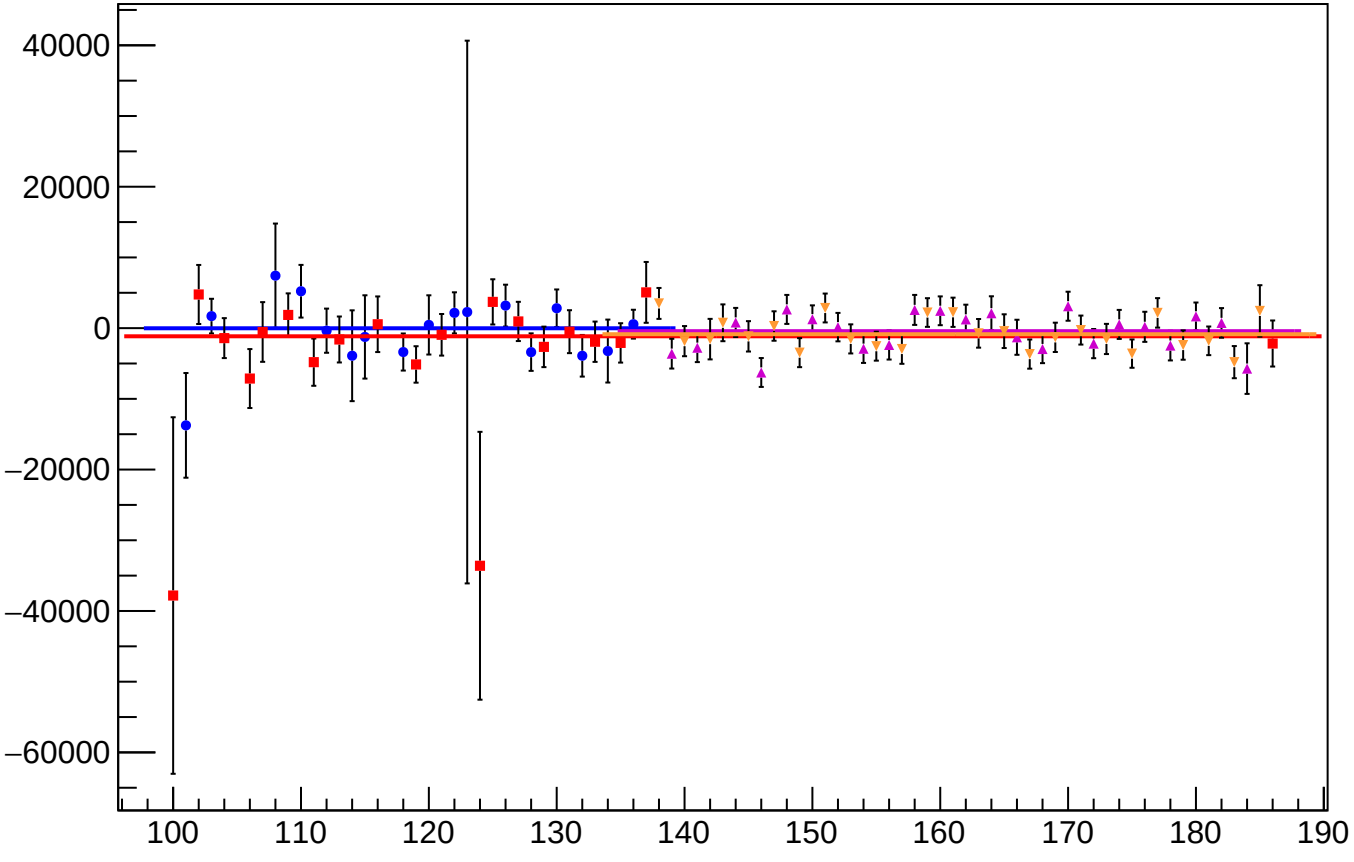
Right: 2177.451+/-0.421 χ^2/NDF: 1519549.7/36

In: 2016.373+/-0.292 χ^2/NDF:905890.9/39

Out: 2029.962+/-0.286 χ^2/NDF:1046402.1/44

All: 2023.315+/-0.205 χ^2/NDF: 1953396.3/84

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -18.275+/-801.405 χ^2/NDF: 15.8/16

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

Right Out: -1152.512+/-749.071 χ^2/NDF: 19.5/19

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

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

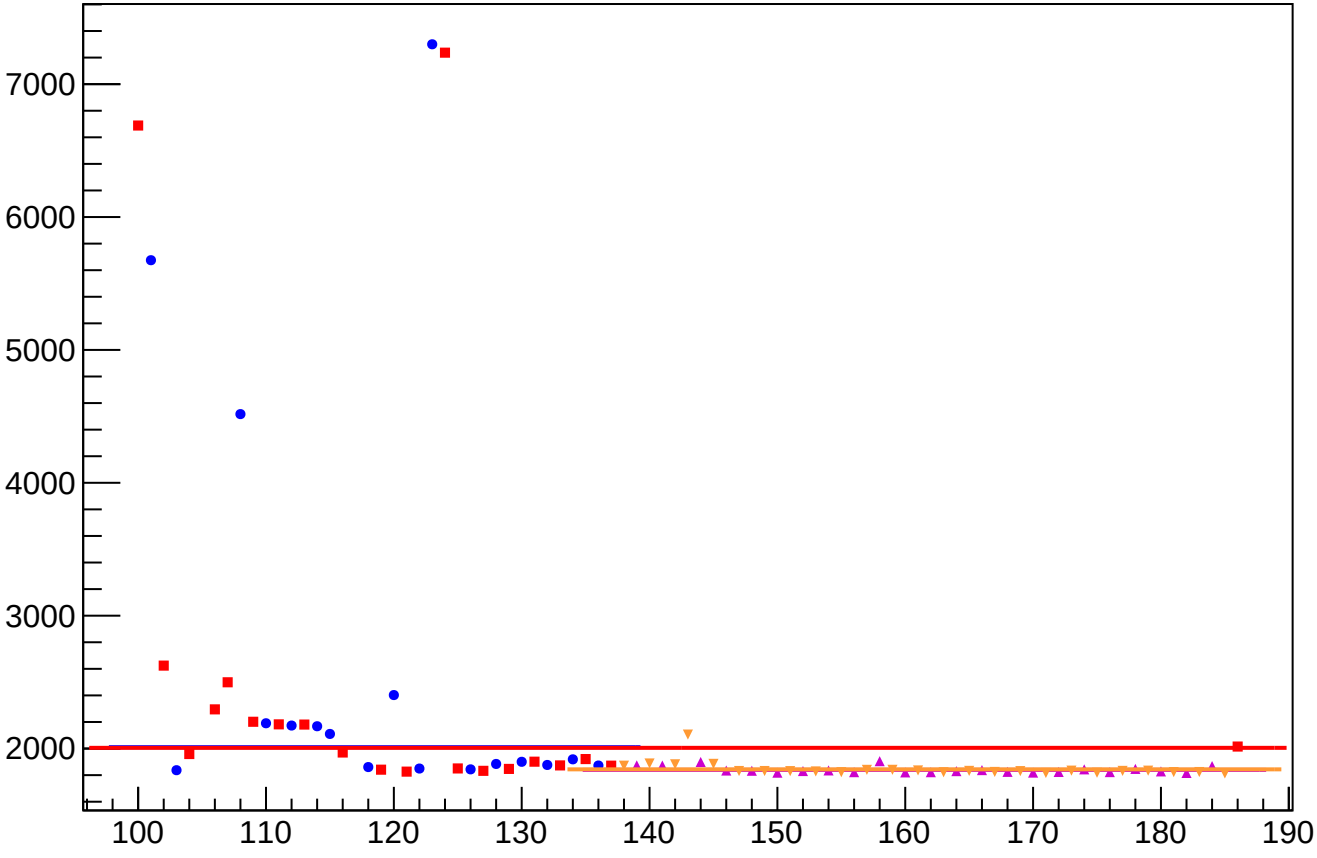
Right: -623.634+/-547.240 χ^2/NDF: 36.4/36

In: -333.000+/-385.396 χ^2/NDF:49.7/39

Out: -931.848+/-373.878 χ^2/NDF:46.5/44

All: -641.507+/-268.351 χ^2/NDF: 97.5/84

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2010.272+/-0.567 χ^2/NDF: 839746.7/16

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

Right Out: 2005.429+/-0.530 χ^2/NDF: 367532.0/19

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

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

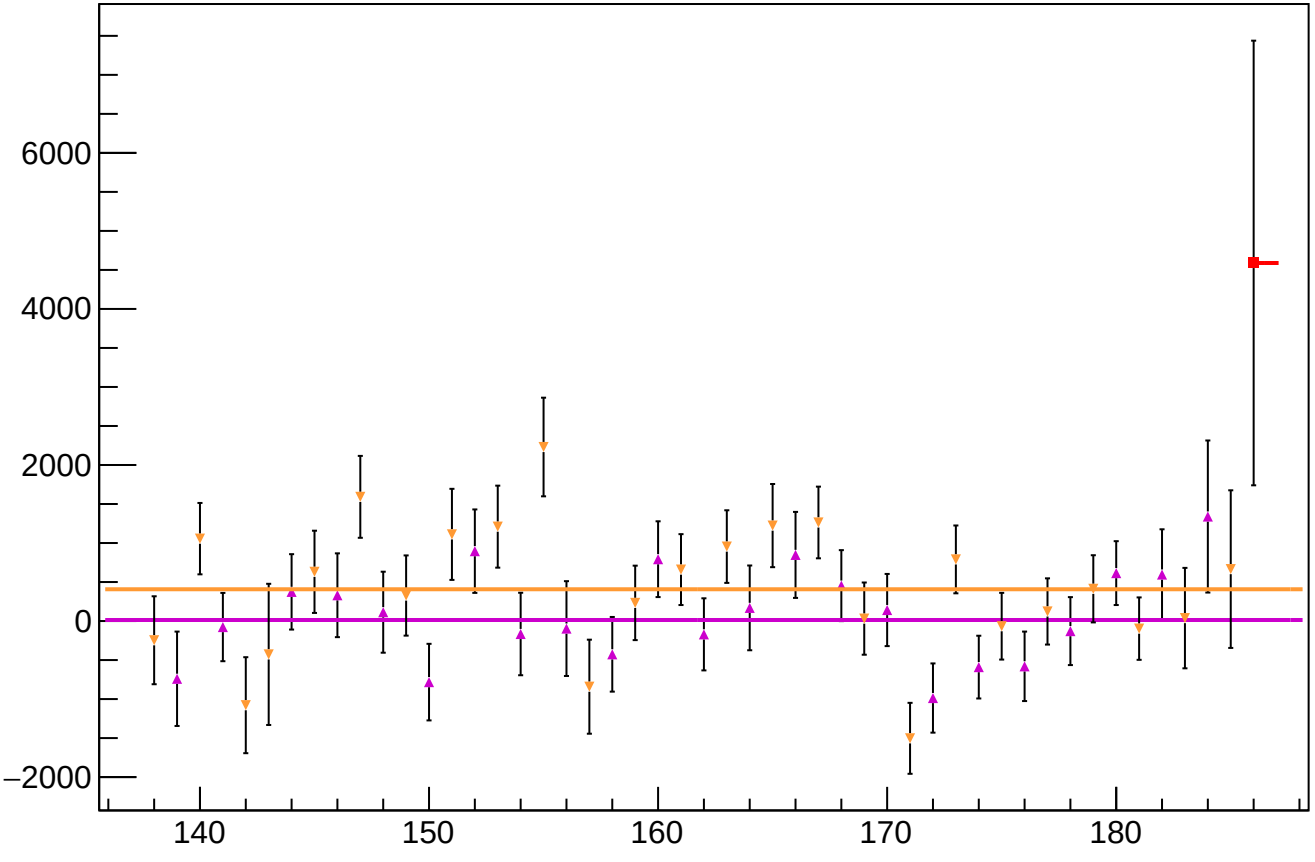
Right: 2007.687+/-0.387 χ^2/NDF: 1207317.6/36

In: 1878.941+/-0.273 χ^2/NDF:916034.6/39

Out: 1883.866+/-0.264 χ^2/NDF:462654.8/44

All: 1881.478+/-0.190 χ^2/NDF: 1378857.6/84

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 4588.898+/-2849.322 χ^2/NDF: 0.0/0

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

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

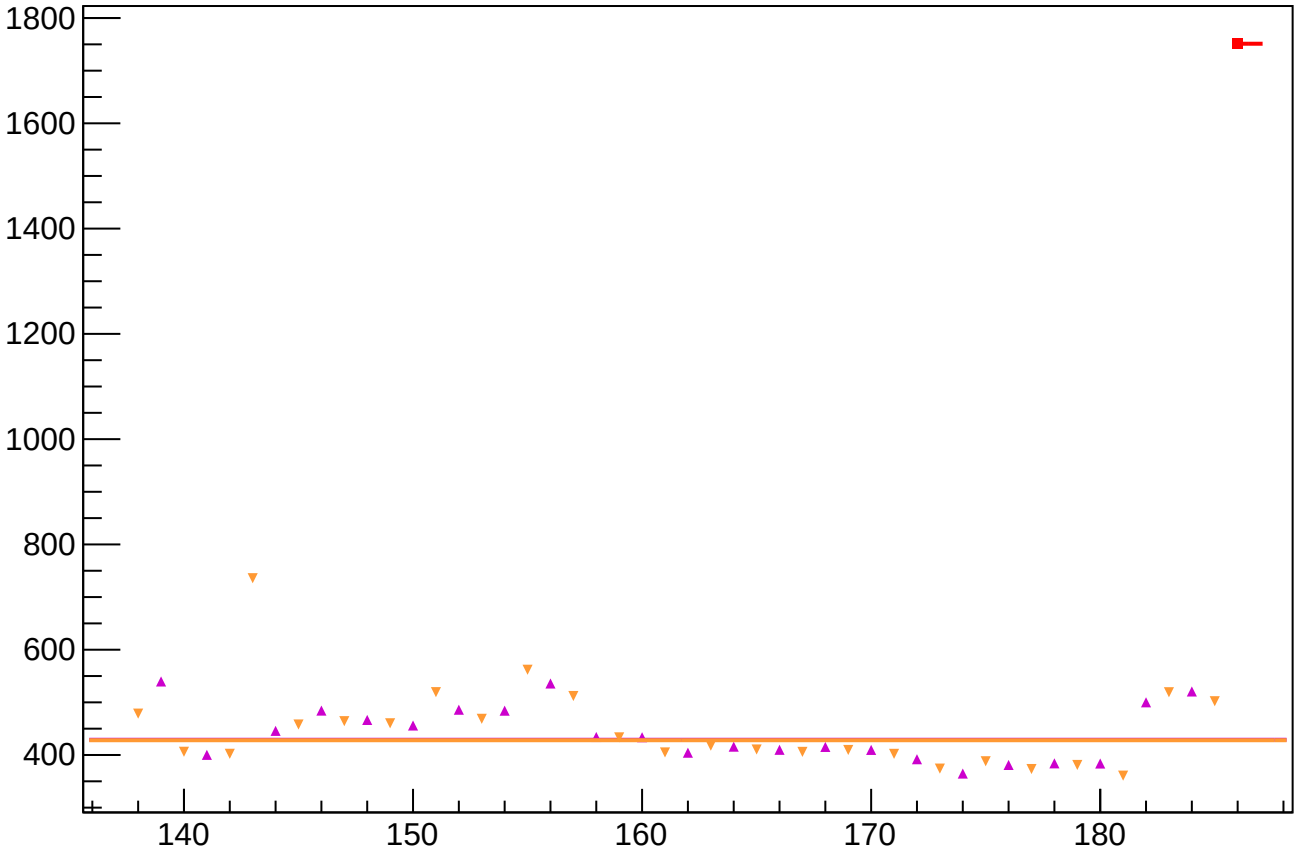
Right: 4588.898+/-2849.322 χ^2/NDF: 0.0/0

In: 13.395+/-102.912 χ^2/NDF:29.2/22

Out: 412.591+/-101.158 χ^2/NDF:64.3/25

All: 216.425+/-72.142 χ^2/NDF: 101.2/48

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 1751.181+/-2.015 χ^2/NDF: 0.0/0

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

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

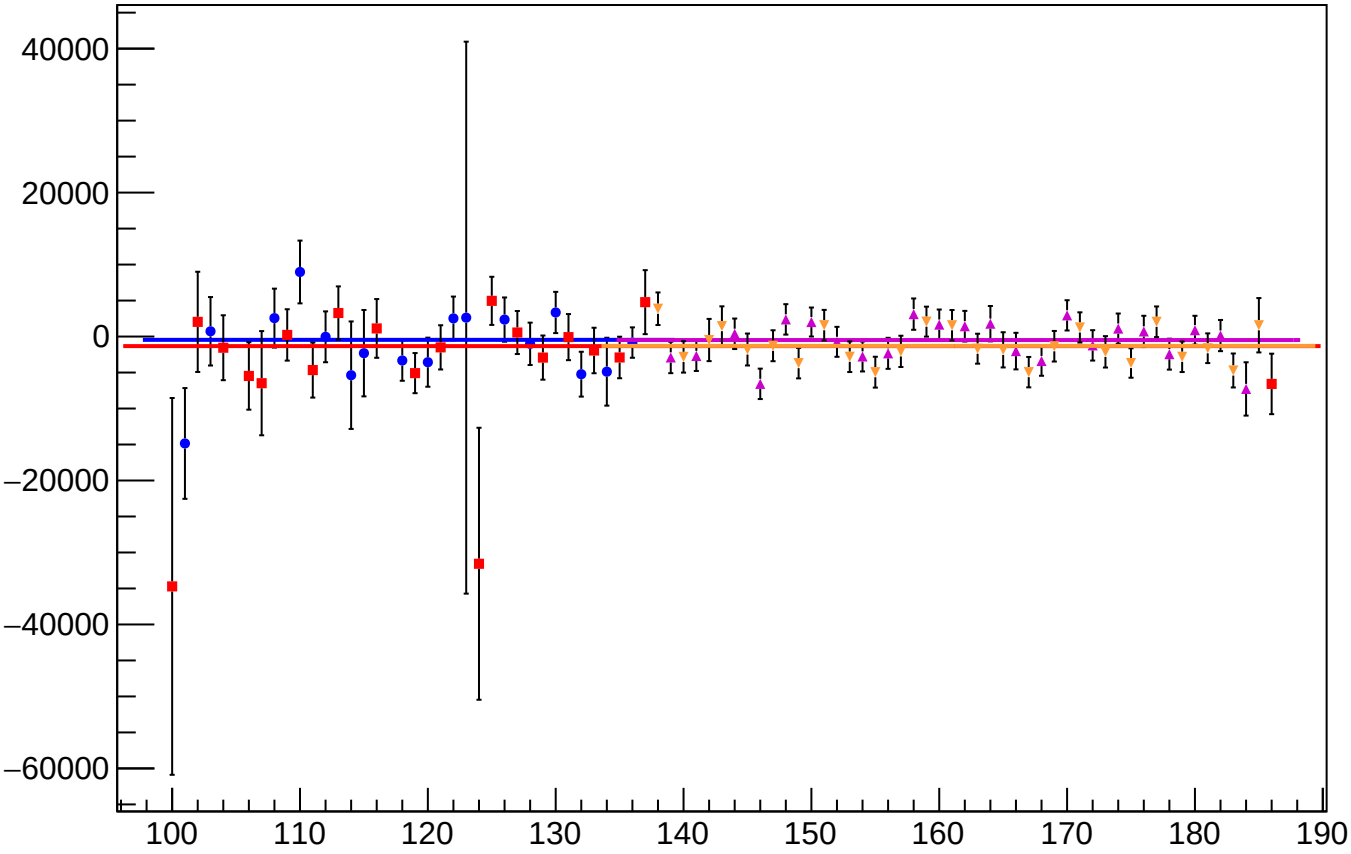
Right: 1751.181+/-2.015 χ^2/NDF: 0.0/0

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

Out: 429.720+/-0.072 χ^2/NDF:1135460.1/25

All: 429.330+/-0.051 χ^2/NDF: 1554275.8/48

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -458.311+/-865.151 χ^2/NDF: 18.1/16

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

Right Out: -1328.215+/-849.251 χ^2/NDF: 18.5/19

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

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

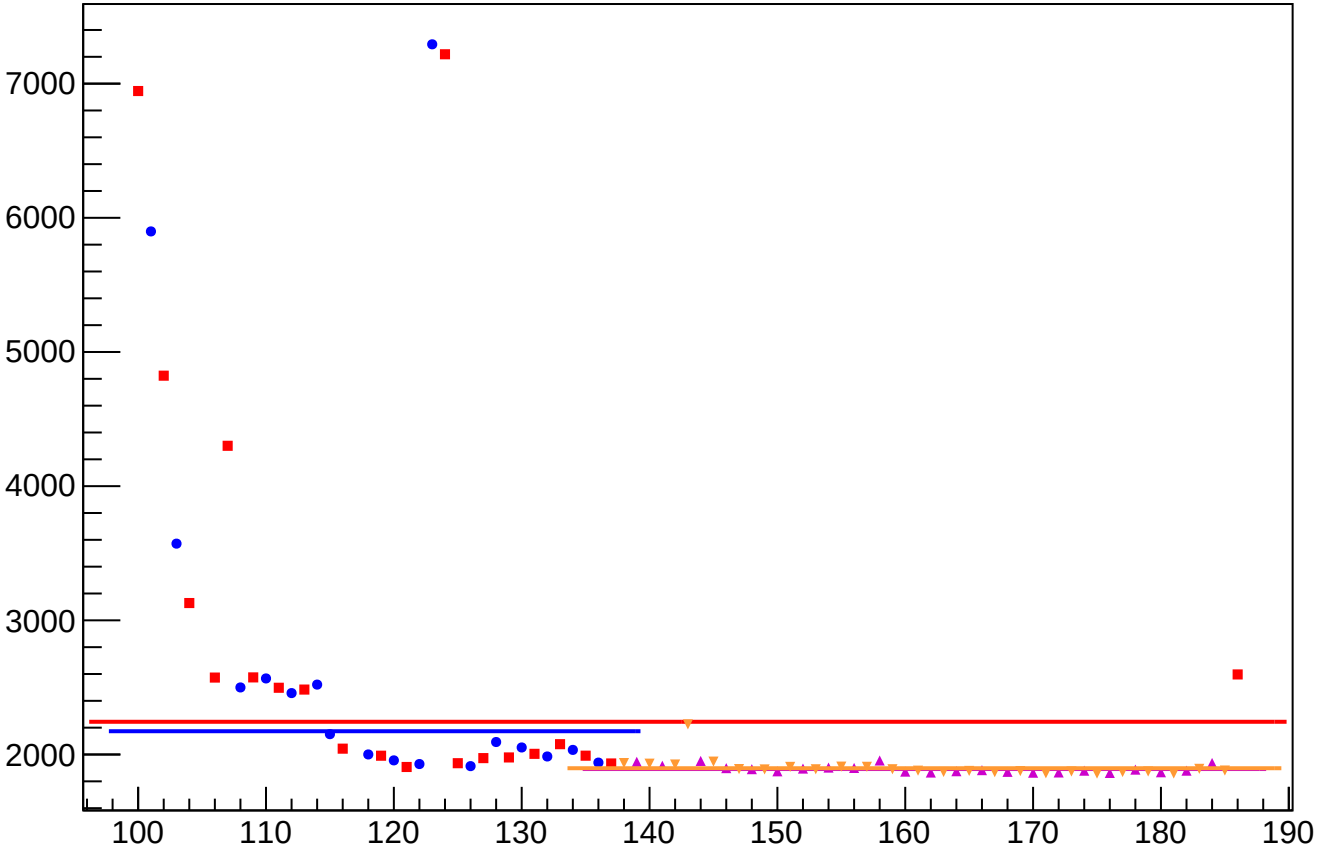
Right: -901.330+/-606.055 χ^2/NDF: 37.1/36

In: -479.926+/-400.633 χ^2/NDF:50.4/39

Out: -1301.468+/-393.576 χ^2/NDF:48.2/44

All: -897.997+/-280.762 χ^2/NDF: 100.8/84

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2173.529+/-0.612 χ^2/NDF: 805360.7/16

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

Right Out: 2243.929+/-0.601 χ^2/NDF: 910574.0/19

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

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

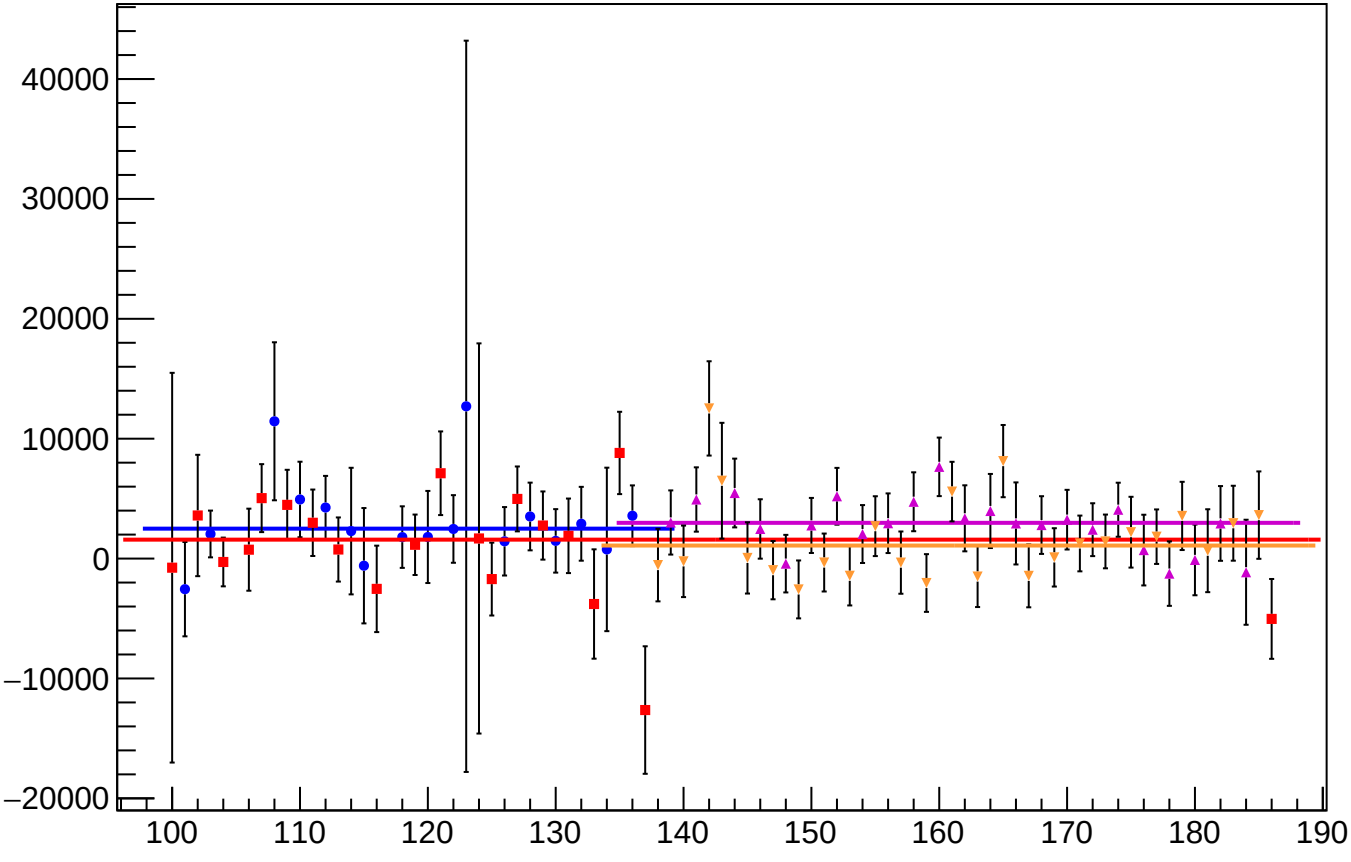
Right: 2209.382+/-0.429 χ^2/NDF: 1722679.2/36

In: 1952.153+/-0.283 χ^2/NDF:979641.2/39

Out: 1972.038+/-0.278 χ^2/NDF:1206732.8/44

All: 1962.272+/-0.199 χ^2/NDF: 2188881.2/84

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2496.610+/-768.295 χ^2/NDF: 5.9/16

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

Right Out: 1579.362+/-719.398 χ^2/NDF: 27.6/19

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

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

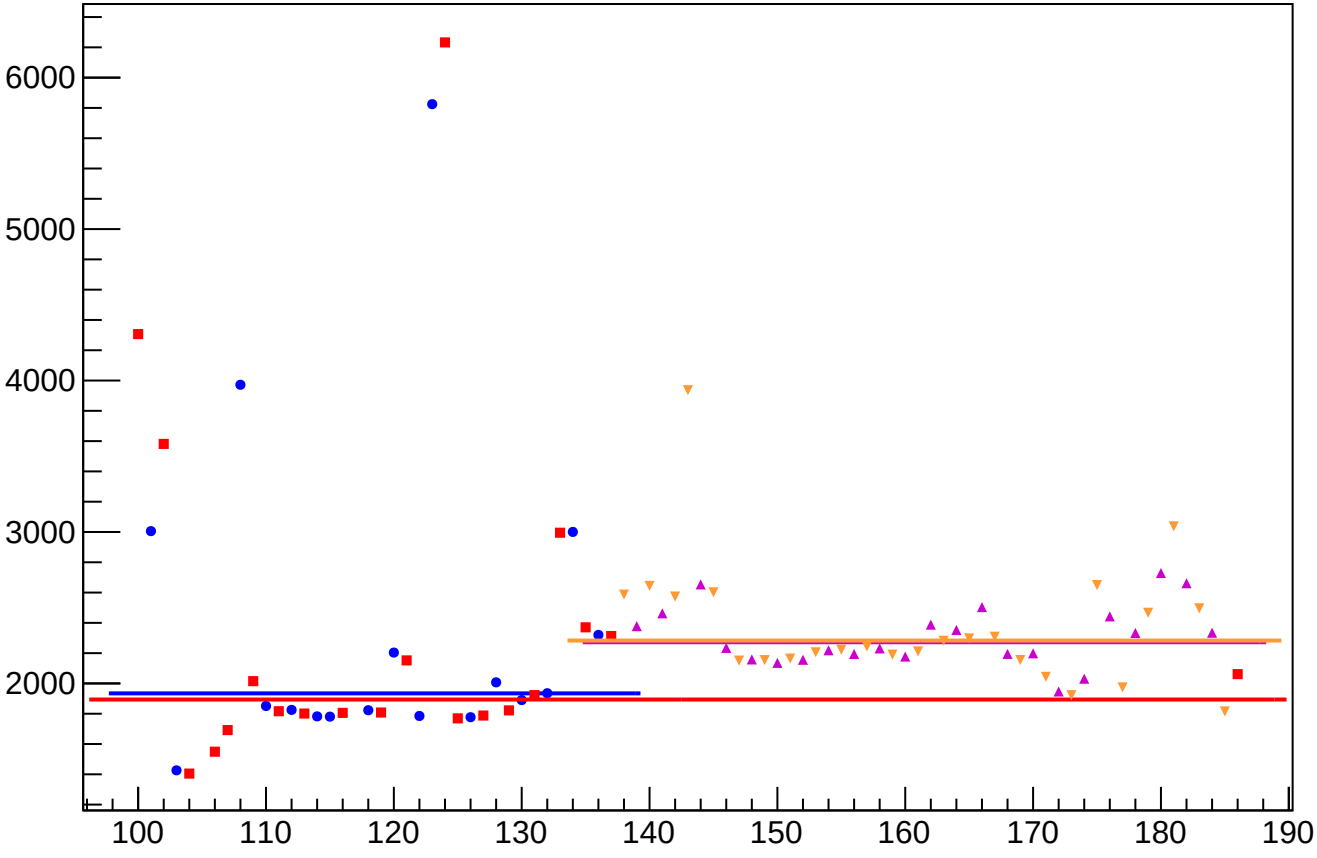
Right: 2007.871+/-525.127 χ^2/NDF: 34.2/36

In: 2818.518+/-445.117 χ^2/NDF:20.2/39

Out: 1265.429+/-432.373 χ^2/NDF:57.8/44

All: 2019.421+/-310.141 χ^2/NDF: 84.2/84

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1934.404+/-0.543 χ^2/NDF: 638920.4/16

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

Right Out: 1893.753+/-0.509 χ^2/NDF: 757412.6/19

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

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

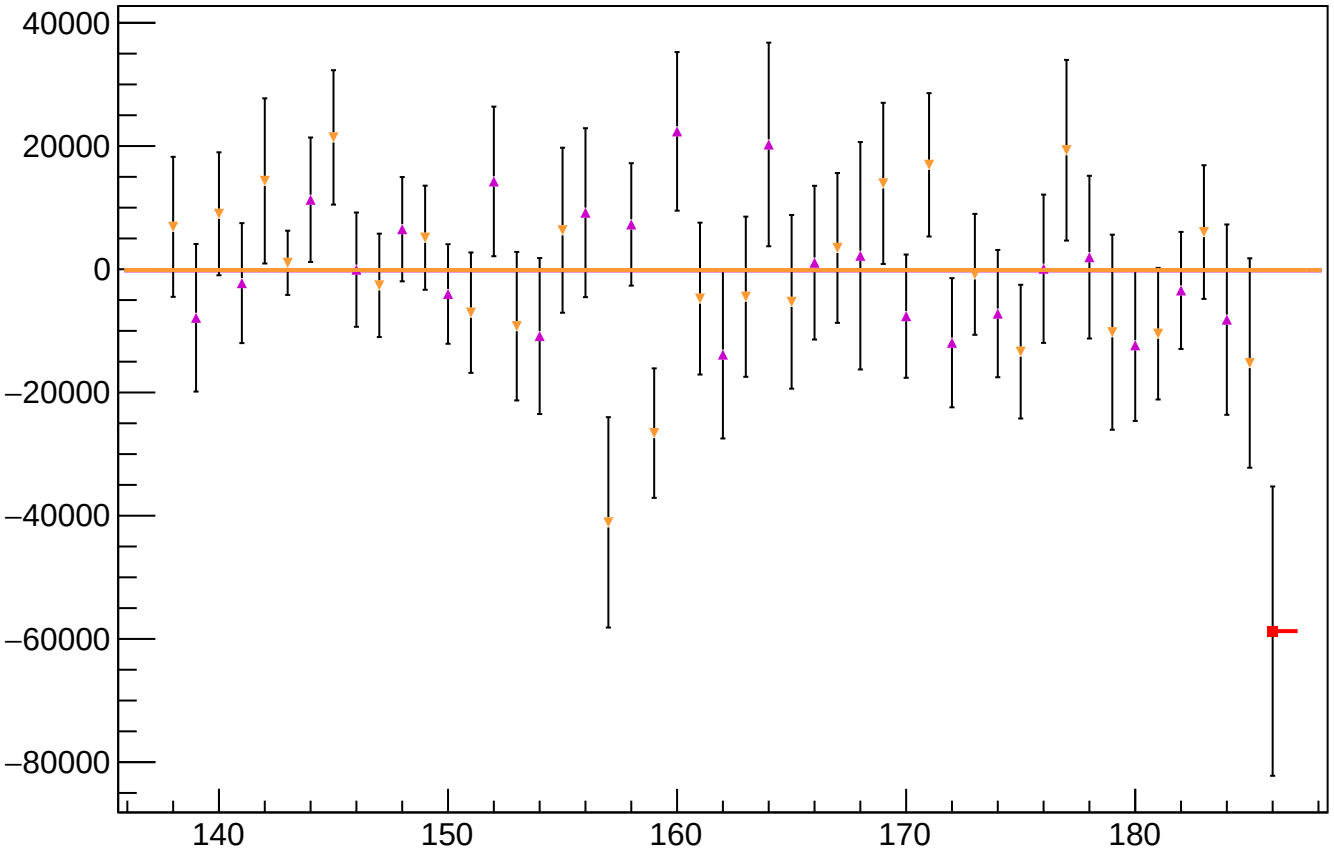
Right: 1912.740+/-0.371 χ^2/NDF: 1399316.9/36

In: 2158.648+/-0.315 χ^2/NDF:1138929.0/39

Out: 2142.493+/-0.306 χ^2/NDF:1766335.9/44

All: 2150.336+/-0.219 χ^2/NDF: 2906620.4/84

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: -58734.843+/-23480.905 χ^2/NDF: 0.0/0

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

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

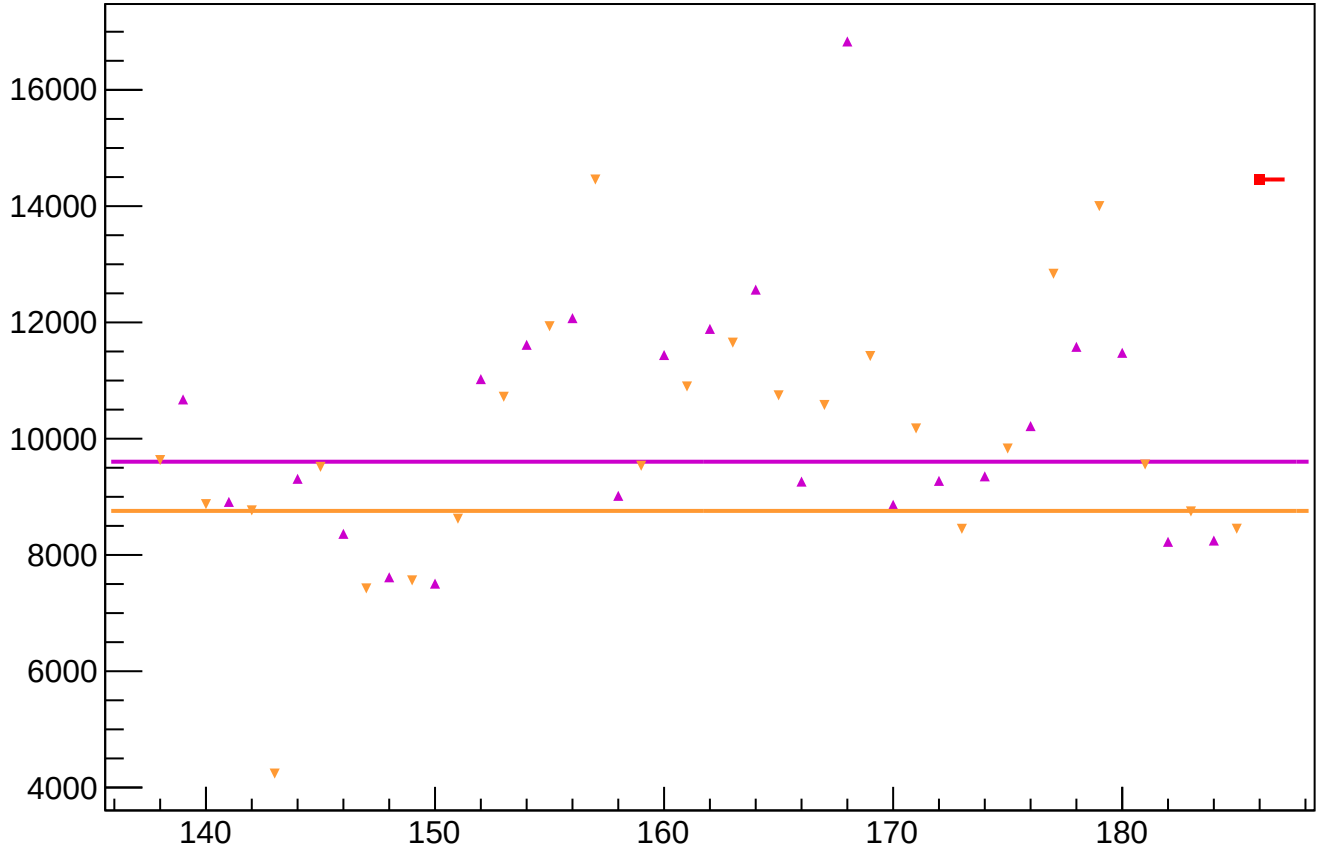
Right: -58734.843+/-23480.905 χ^2/NDF: 0.0/0

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

Out: -608.070+/-2133.119 χ^2/NDF:35.9/25

All: -415.203+/-1573.473 χ^2/NDF: 50.9/48

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 14458.565+/-16.604 χ^2/NDF: 0.0/0

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

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

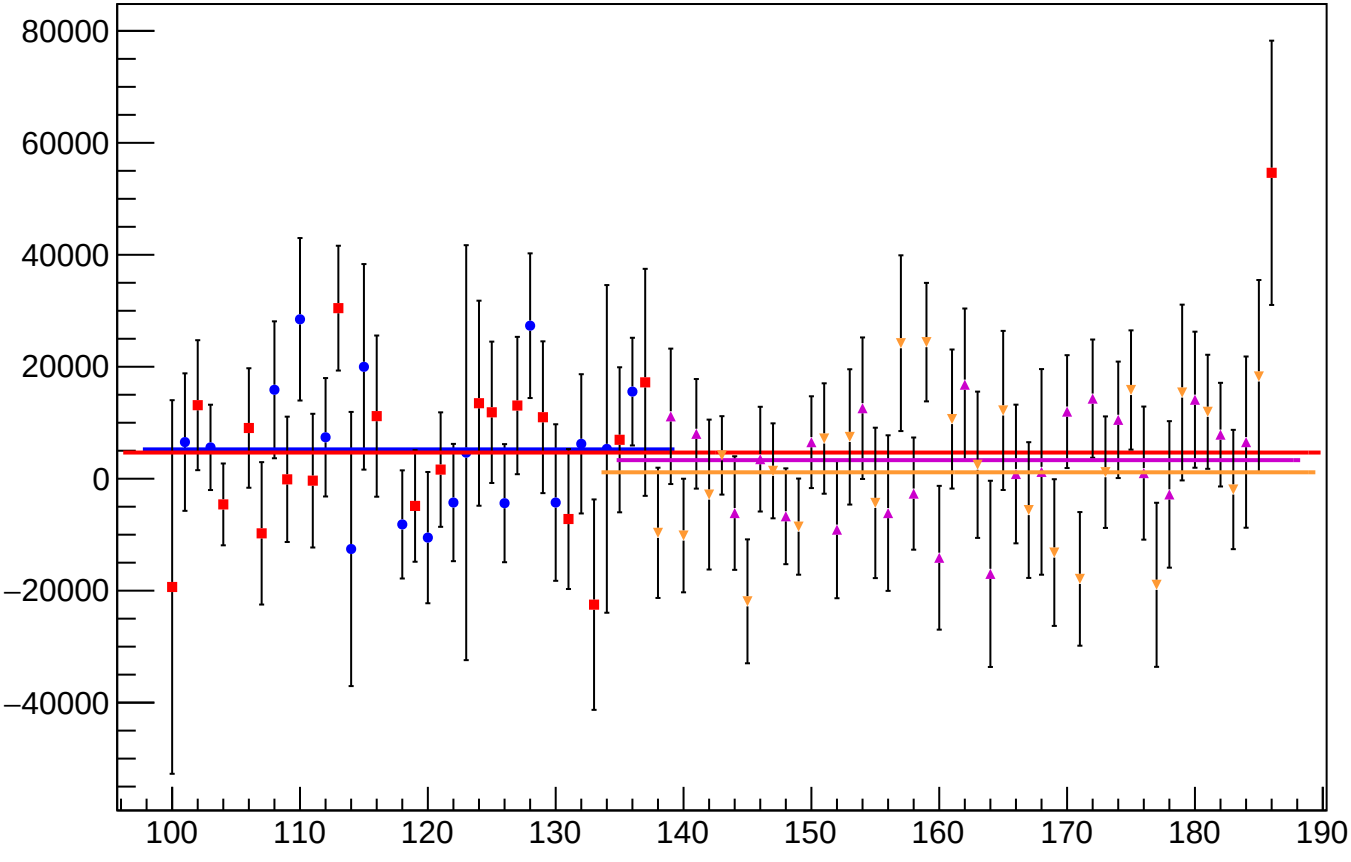
Right: 14458.565+/-16.604 χ^2/NDF: 0.0/0

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

Out: 8804.866+/-1.508 χ^2/NDF:2896018.5/25

All: 9169.194+/-1.113 χ^2/NDF: 4119799.8/48

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5238.554+/-2946.164 χ^2/NDF: 14.5/16

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

Right Out: 4674.315+/-2771.128 χ^2/NDF: 20.2/19

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

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

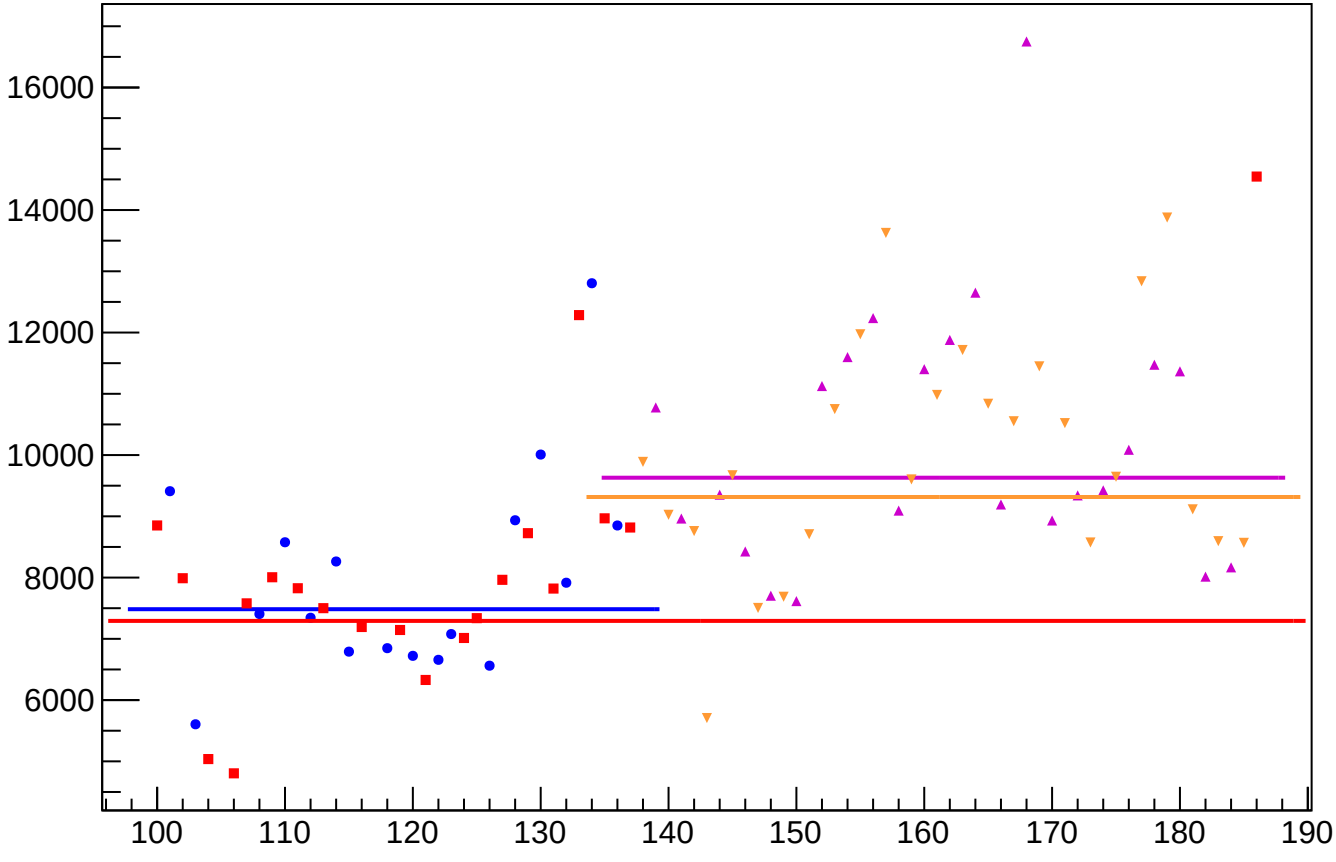
Right: 4939.176+/-2018.527 χ^2/NDF: 34.7/36

In: 4058.785+/-1830.530 χ^2/NDF:28.2/39

Out: 2534.080+/-1738.431 χ^2/NDF:49.0/44

All: 3257.113+/-1260.558 χ^2/NDF: 77.5/84

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7483.785+/-2.083 χ^2/NDF: 431806.2/16

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

Right Out: 7292.781+/-1.959 χ^2/NDF: 750230.7/19

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

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

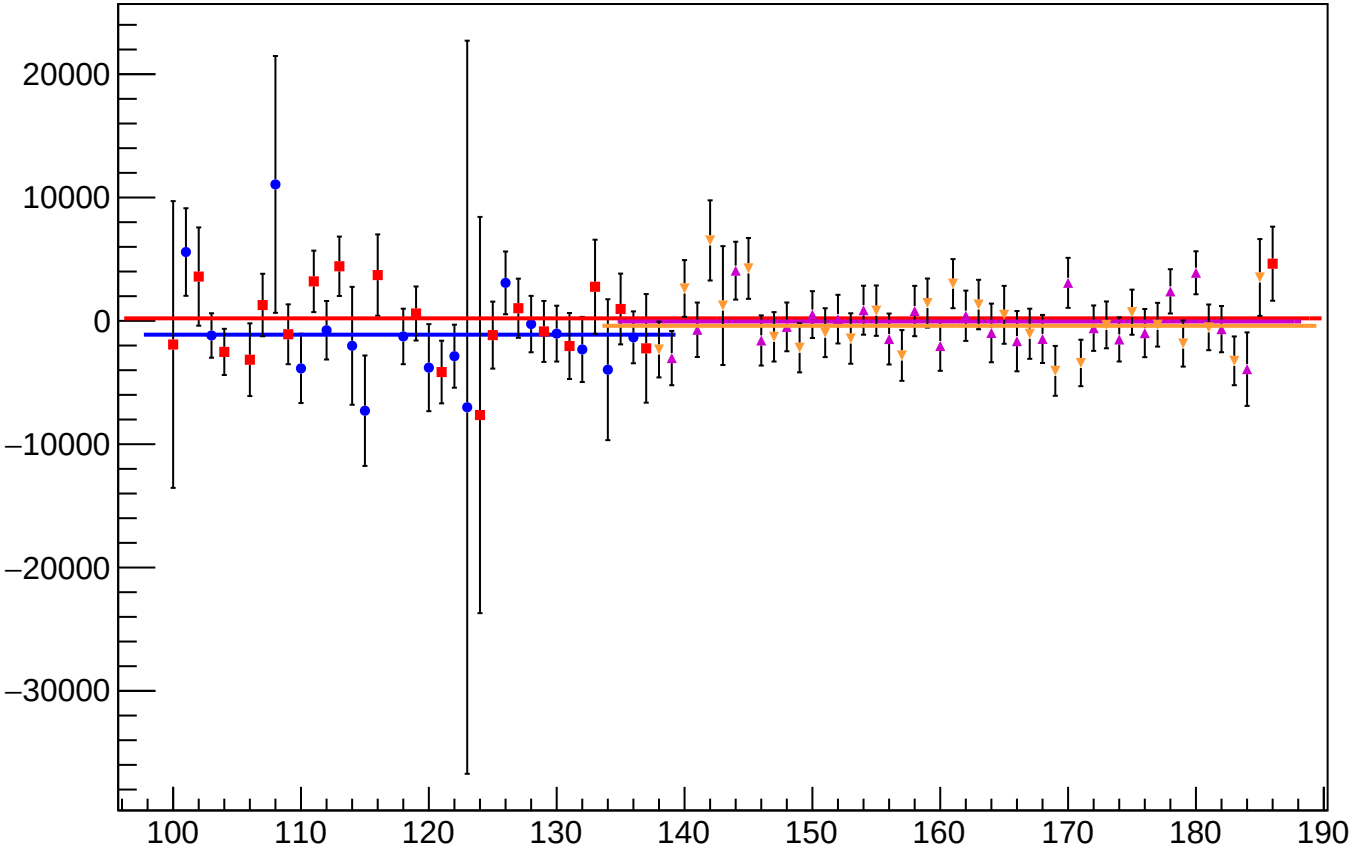
Right: 7382.431+/-1.427 χ^2/NDF: 1186497.7/36

In: 8801.647+/-1.294 χ^2/NDF:2158304.5/39

Out: 8519.270+/-1.229 χ^2/NDF:2899998.1/44

All: 8653.171+/-0.891 χ^2/NDF: 5083327.3/84

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -1120.496+/-679.161 χ^2/NDF: 12.3/16

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

Right Out: 203.572+/-625.642 χ^2/NDF: 17.8/19

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

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

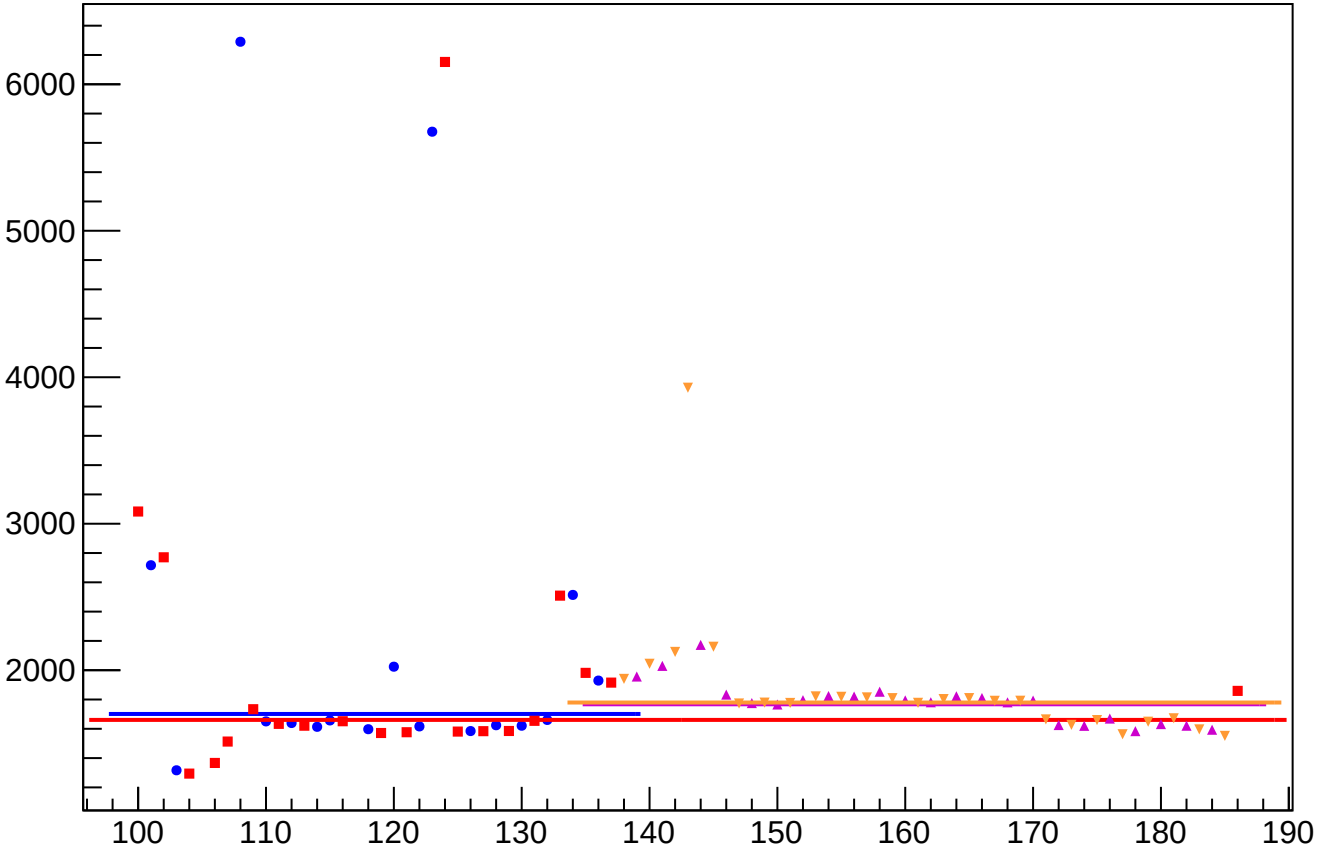
Right: -404.243+/-460.154 χ^2/NDF: 32.1/36

In: -351.310+/-358.790 χ^2/NDF:34.9/39

Out: -215.301+/-348.278 χ^2/NDF:47.3/44

All: -281.284+/-249.904 χ^2/NDF: 82.3/84

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1701.283+/-0.480 χ^2/NDF: 778718.7/16

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

Right Out: 1660.724+/-0.442 χ^2/NDF: 597942.8/19

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

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

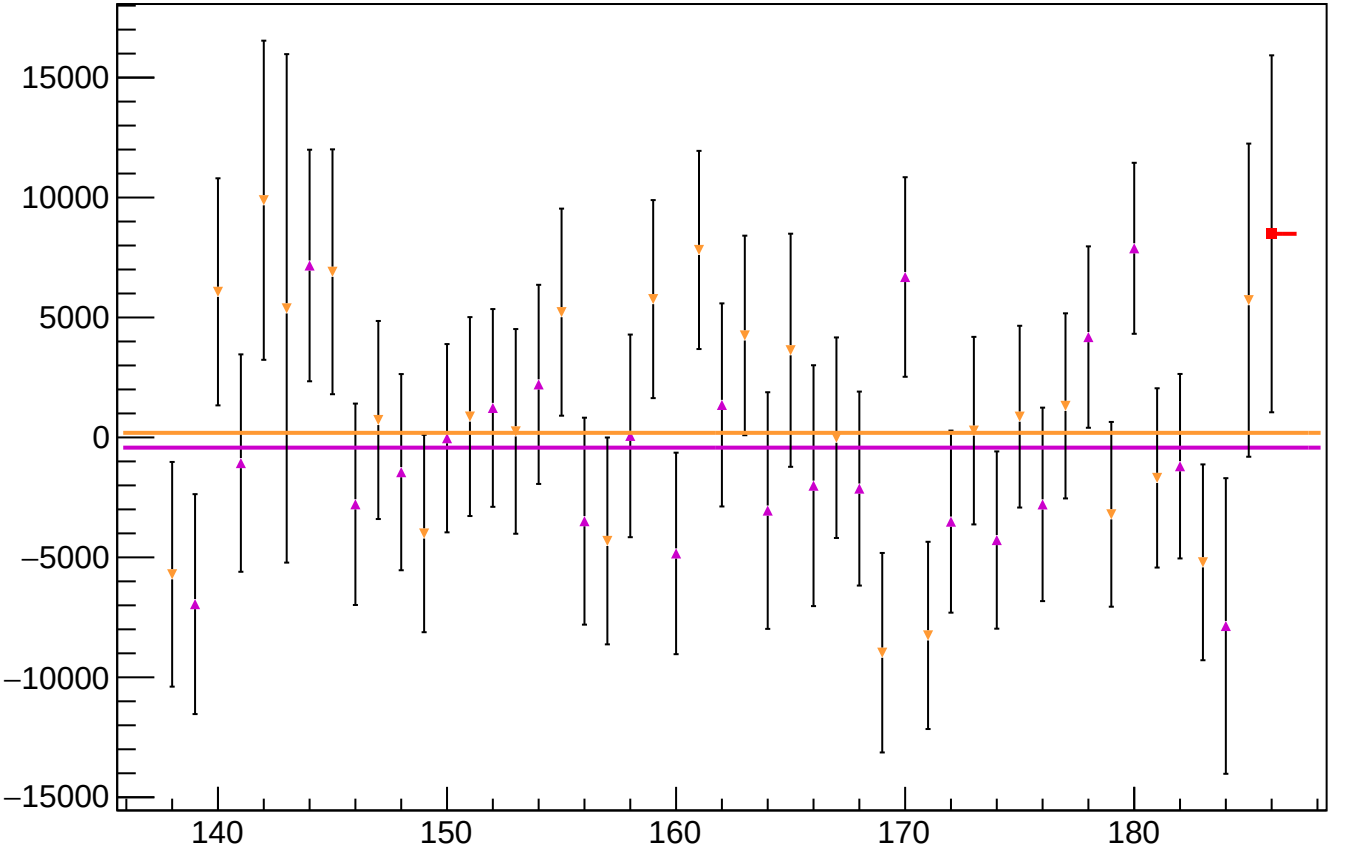
Right: 1679.342+/-0.325 χ^2/NDF: 1380520.0/36

In: 1748.885+/-0.254 χ^2/NDF:988931.6/39

Out: 1742.647+/-0.246 χ^2/NDF:1258558.9/44

All: 1745.674+/-0.177 χ^2/NDF: 2247801.7/84

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 8487.872+/-7439.911 χ^2/NDF: 0.0/0

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

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

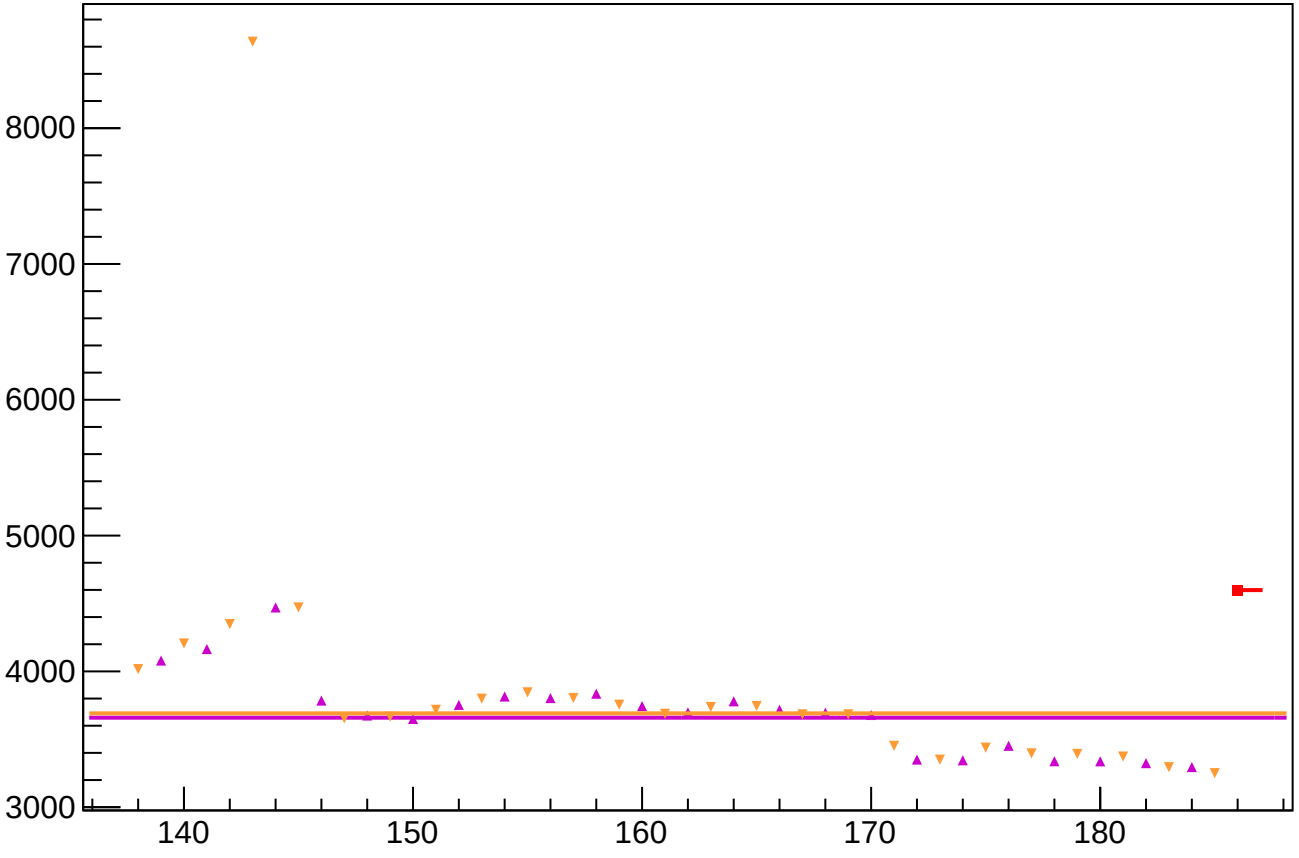
Right: 8487.872+/-7439.911 χ^2/NDF: 0.0/0

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

Out: 303.003+/-864.026 χ^2/NDF:31.8/25

All: -56.954+/-614.757 χ^2/NDF: 53.4/48

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 4598.665+/-5.261 χ^2/NDF: 0.0/0

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

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

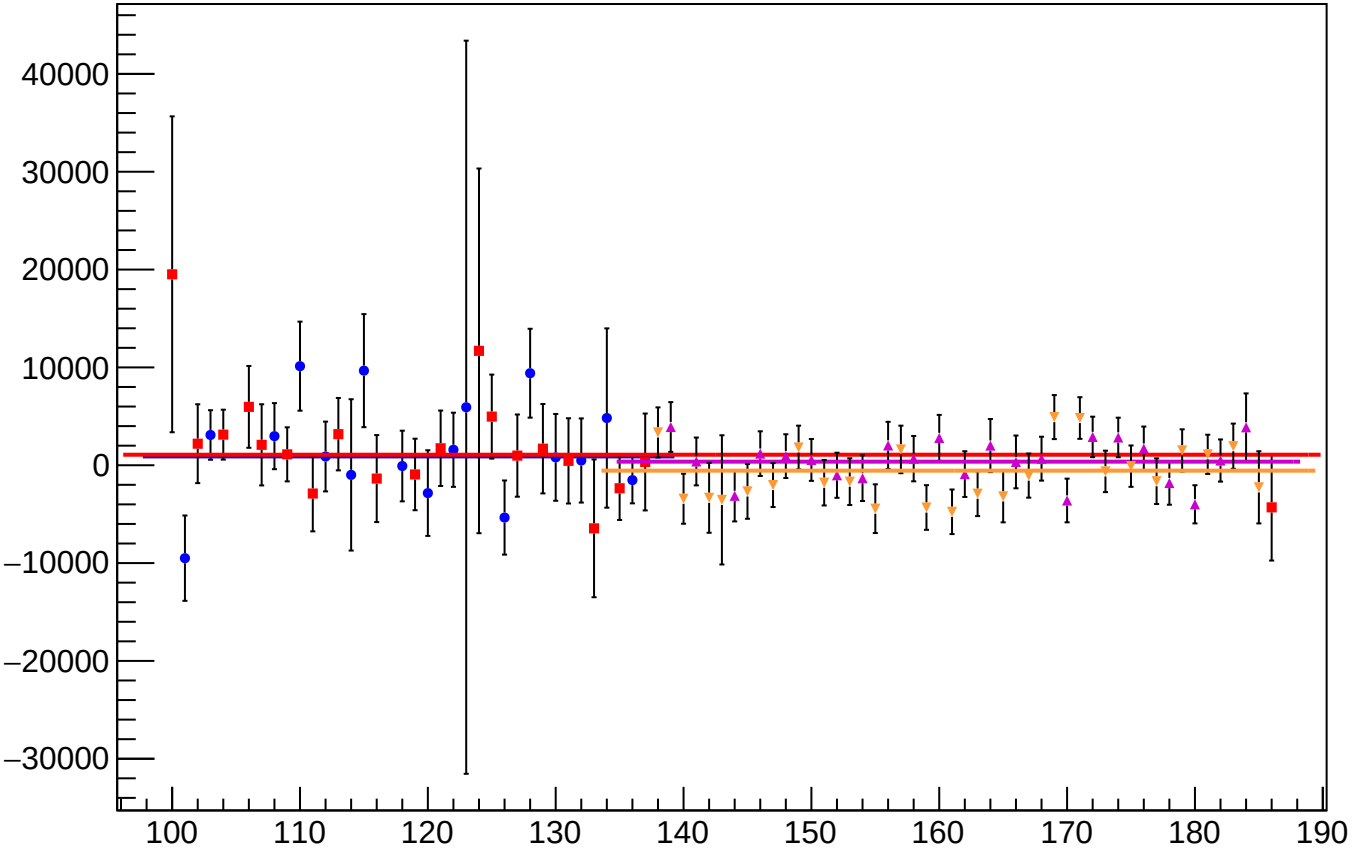
Right: 4598.665+/-5.261 χ^2/NDF: 0.0/0

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

Out: 3703.413+/-0.611 χ^2/NDF:668826.7/25

All: 3681.526+/-0.435 χ^2/NDF: 869503.0/48

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 903.274+/-961.918 χ^2/NDF: 21.6/16

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

Right Out: 1075.279+/-911.924 χ^2/NDF: 9.9/19

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

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

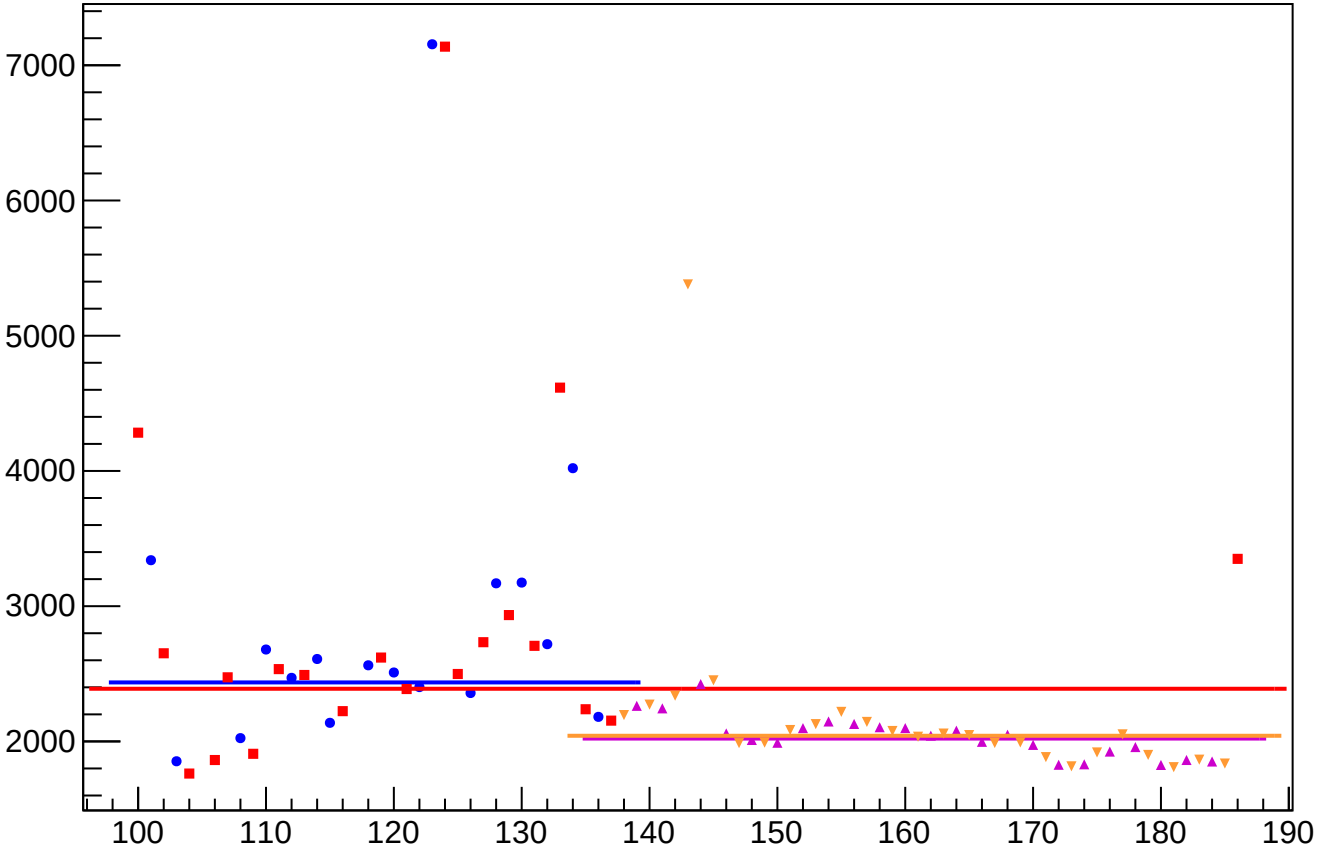
Right: 993.862+/-661.796 χ^2/NDF: 31.5/36

In: 474.412+/-431.707 χ^2/NDF:42.4/39

Out: -196.627+/-425.881 χ^2/NDF:46.4/44

All: 134.334+/-303.182 χ^2/NDF: 90.1/84

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2436.256+/-0.680 χ^2/NDF: 468552.3/16

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

Right Out: 2389.365+/-0.645 χ^2/NDF: 720082.8/19

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

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

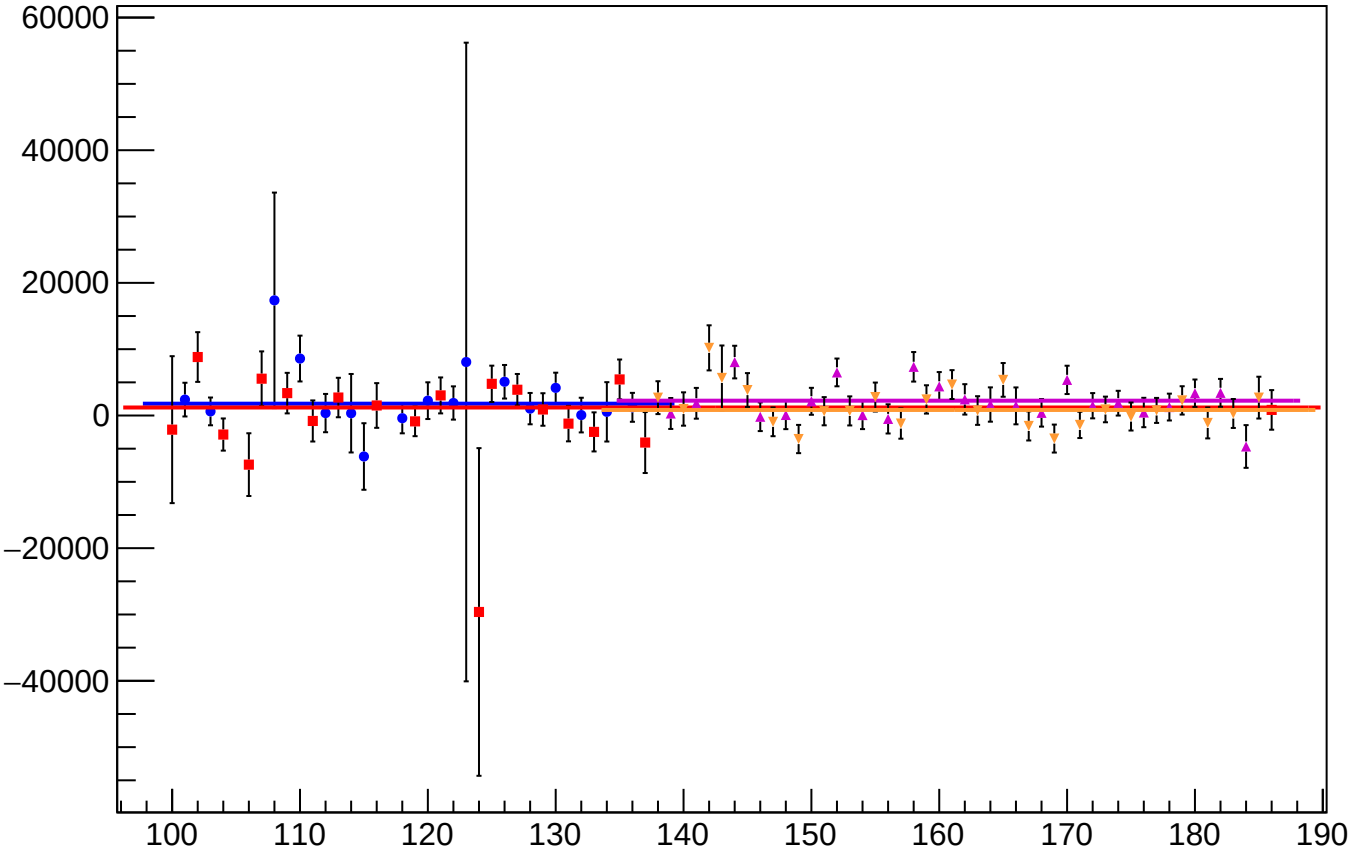
Right: 2411.560+/-0.468 χ^2/NDF: 1191138.2/36

In: 2104.693+/-0.305 χ^2/NDF:944835.6/39

Out: 2117.590+/-0.301 χ^2/NDF:1654124.2/44

All: 2111.229+/-0.214 χ^2/NDF: 2599864.4/84

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1783.505+/-694.403 χ^2/NDF: 12.4/16

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

Right Out: 1208.865+/-689.021 χ^2/NDF: 24.2/19

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

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

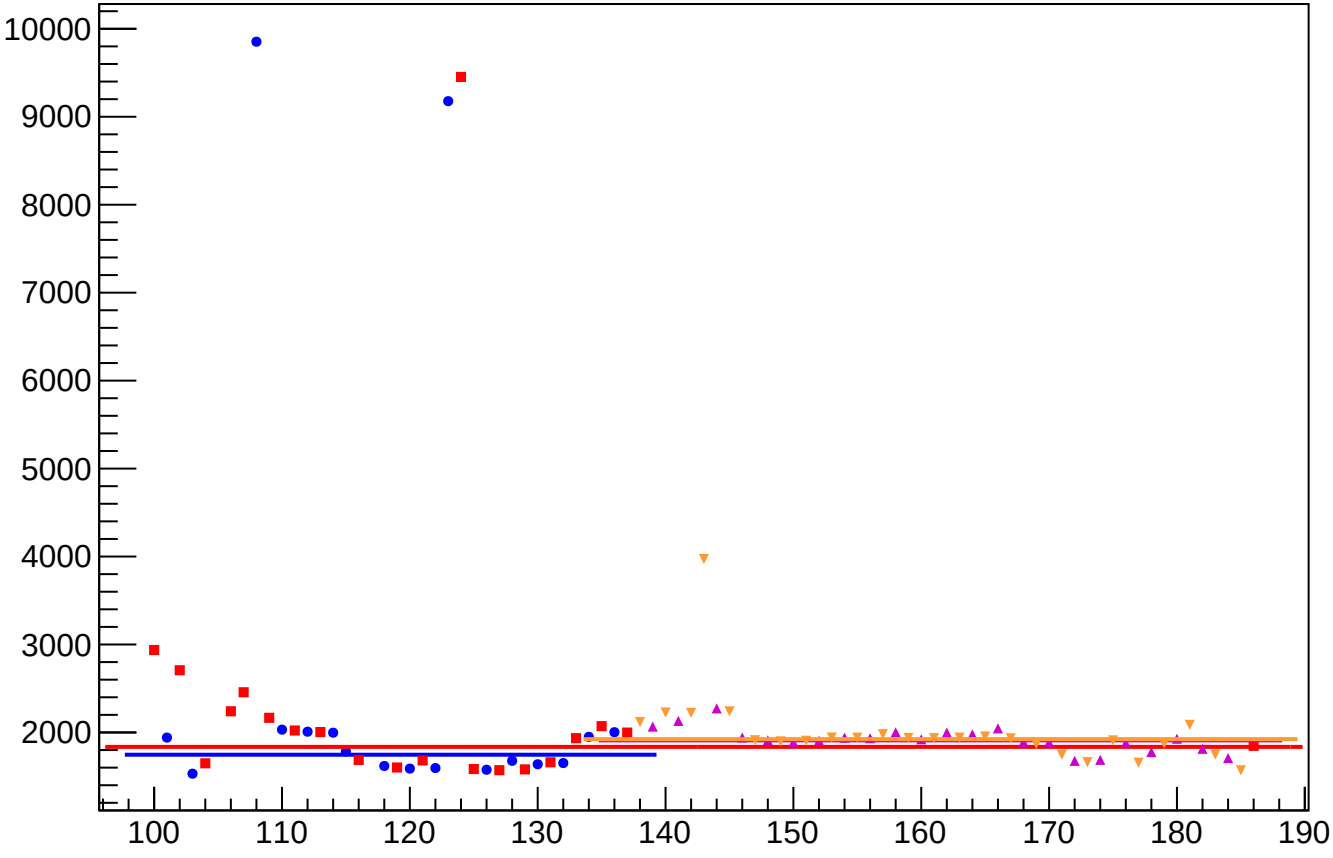
Right: 1493.949+/-489.103 χ^2/NDF: 37.0/36

In: 2098.703+/-382.165 χ^2/NDF:43.7/39

Out: 950.044+/-379.395 χ^2/NDF:56.8/44

All: 1520.195+/-269.247 χ^2/NDF: 105.0/84

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1746.836+/-0.491 χ^2/NDF: 682484.5/16

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

Right Out: 1836.067+/-0.487 χ^2/NDF: 550435.0/19

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

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

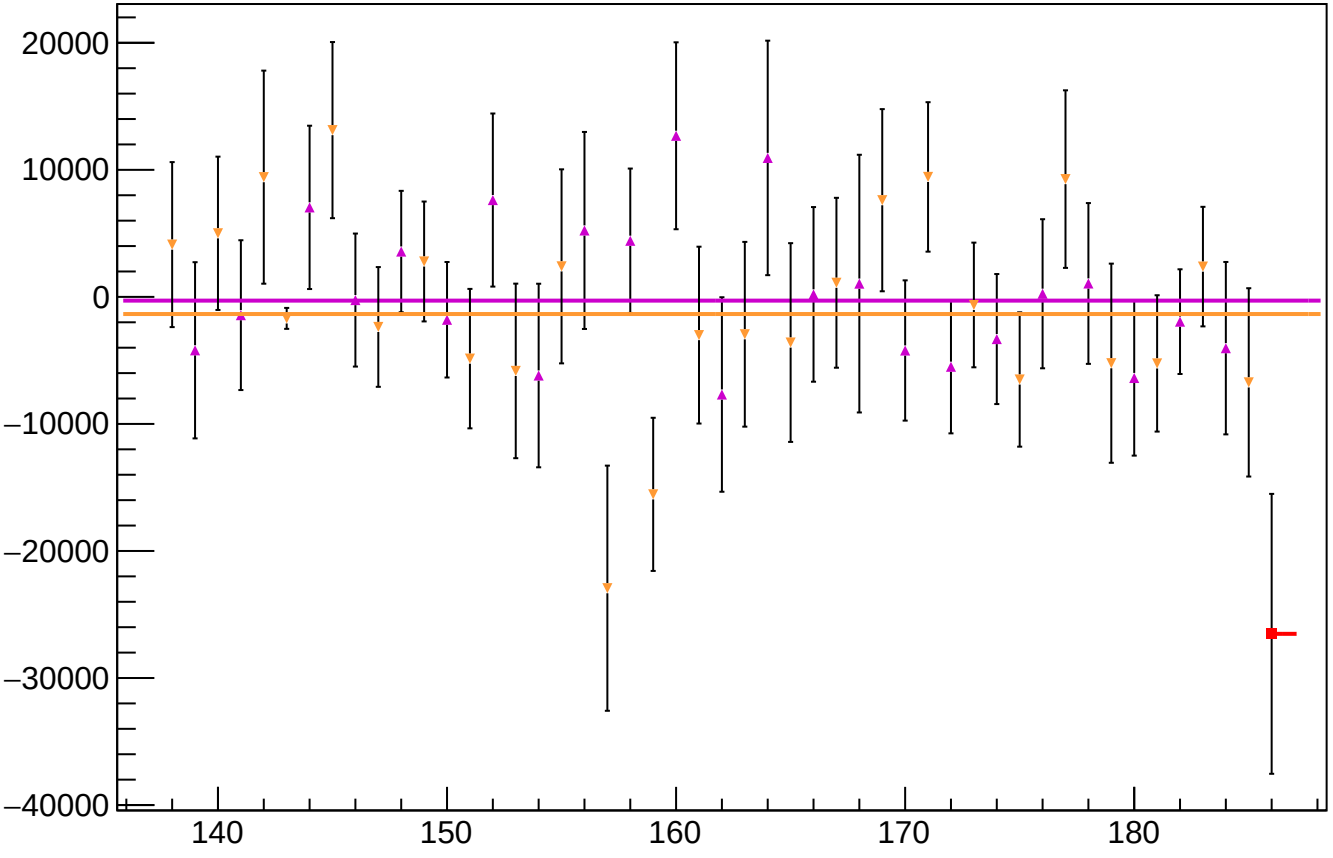
Right: 1791.849+/-0.346 χ^2/NDF: 1249578.8/36

In: 1860.340+/-0.270 χ^2/NDF:923612.5/39

Out: 1897.351+/-0.268 χ^2/NDF:1157147.9/44

All: 1878.987+/-0.190 χ^2/NDF: 2090210.5/84

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: -26523.018+/-11016.629 χ^2/NDF: 0.0/0

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

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

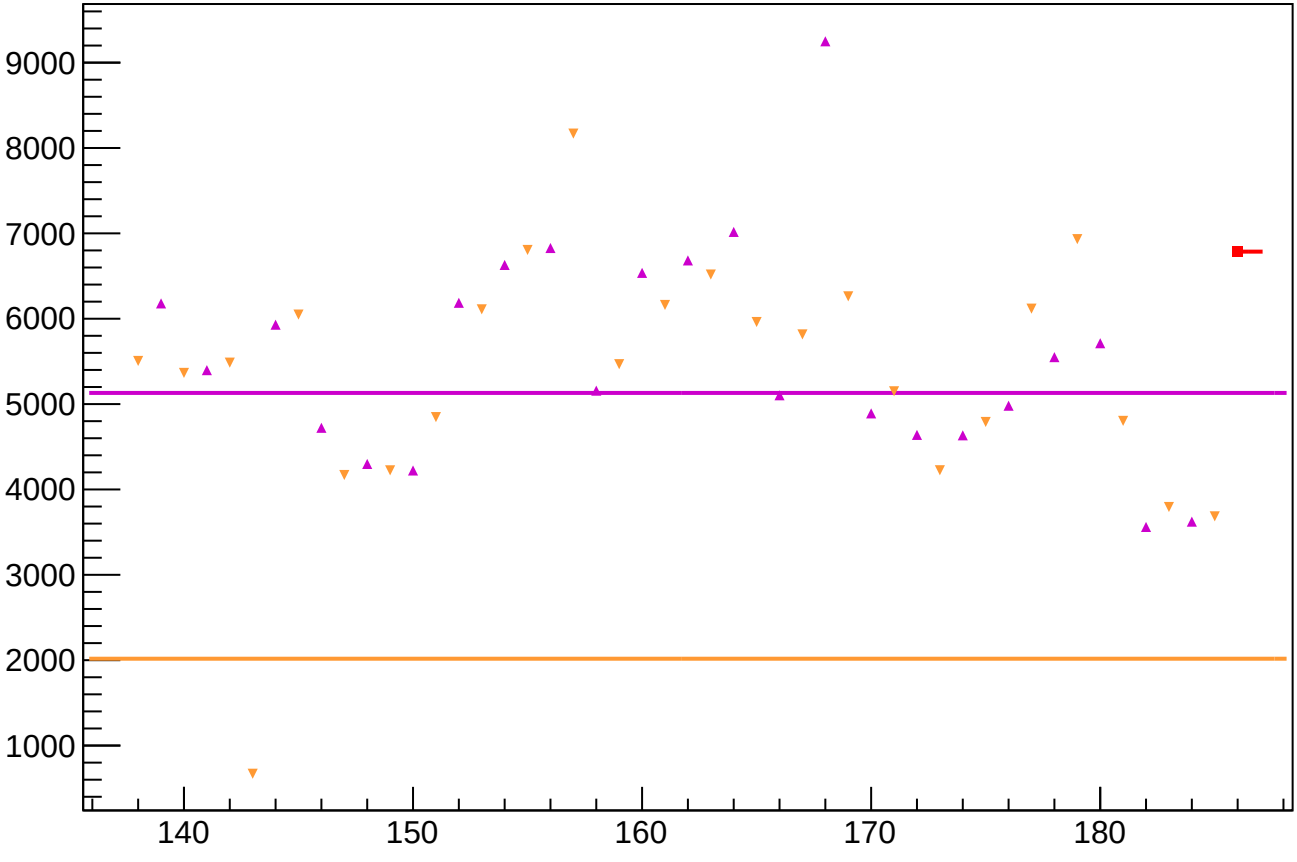
Right: -26523.018+/-11016.629 χ^2/NDF: 0.0/0

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

Out: -1448.137+/-689.305 χ^2/NDF:36.1/25

All: -1179.773+/-603.867 χ^2/NDF: 51.3/48

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 6785.976+/-7.790 χ^2/NDF: 0.0/0

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

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

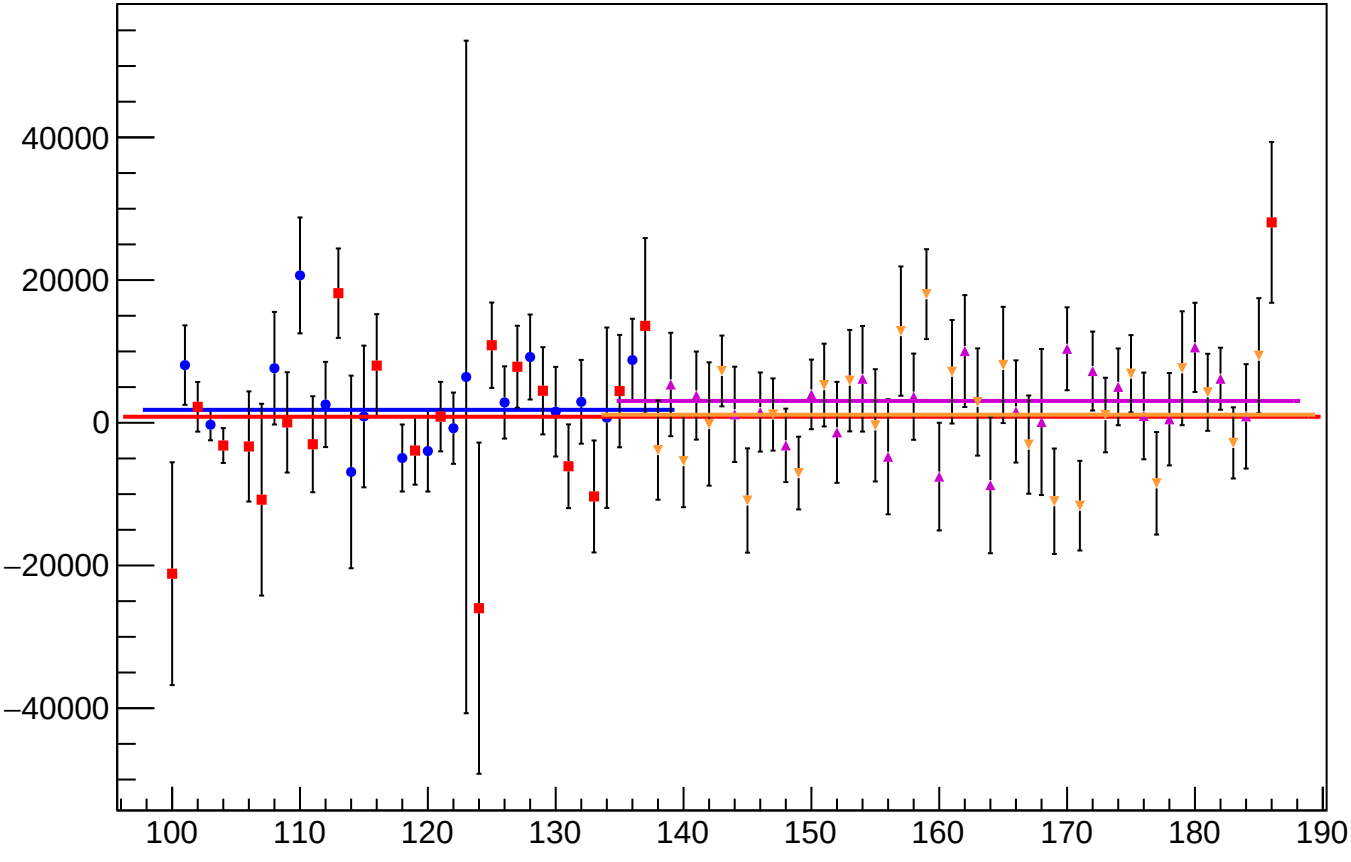
Right: 6785.976+/-7.790 χ^2/NDF: 0.0/0

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

Out: 2035.914+/-0.487 χ^2/NDF:19533023.2/25

All: 2755.566+/-0.427 χ^2/NDF: 30397774.0/4

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1814.267+/-1301.312 χ^2/NDF: 15.0/16

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

Right Out: 842.975+/-1277.785 χ^2/NDF: 32.4/19

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

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

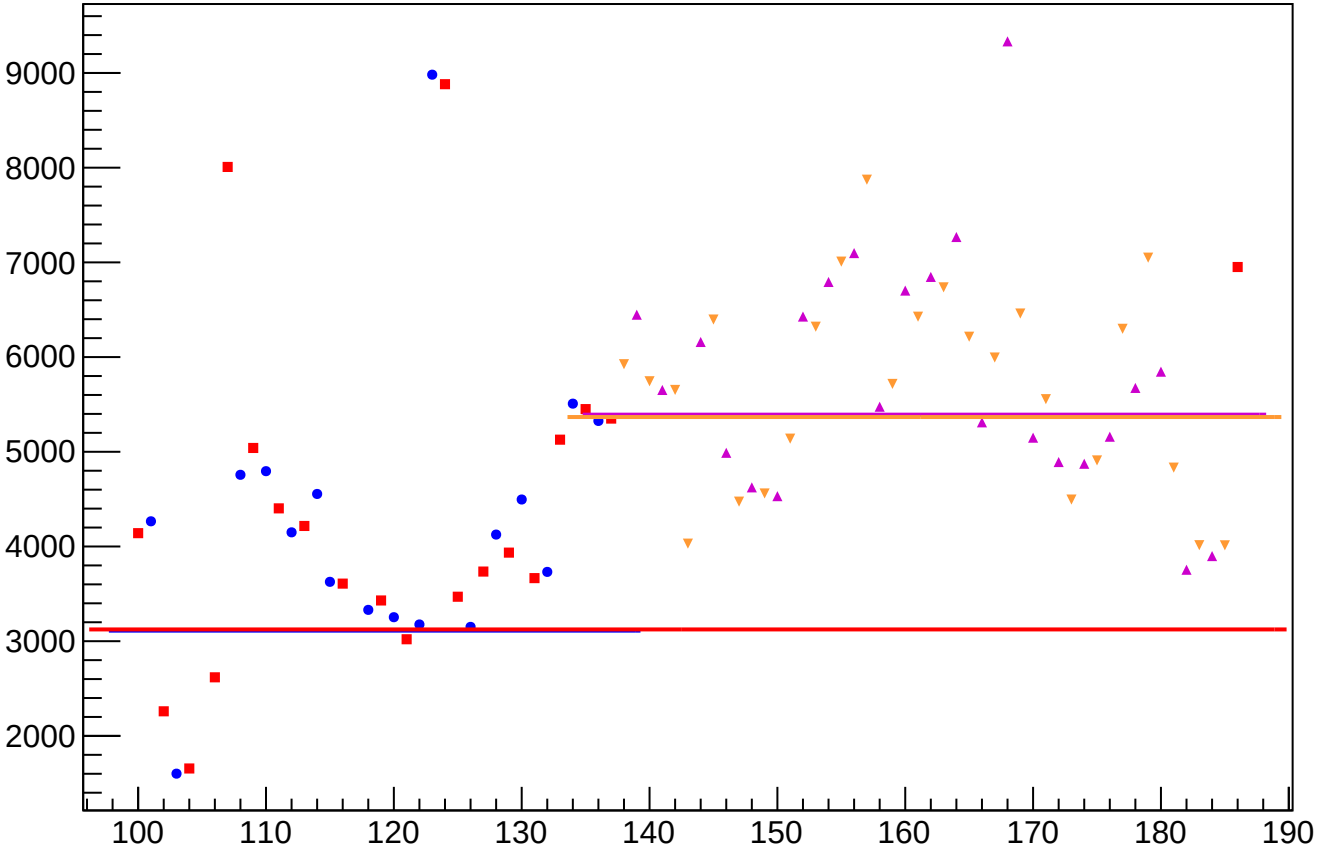
Right: 1319.762+/-911.735 χ^2/NDF: 47.7/36

In: 2432.184+/-924.340 χ^2/NDF:27.8/39

Out: 987.463+/-904.387 χ^2/NDF:64.9/44

All: 1694.062+/-646.437 χ^2/NDF: 93.9/84

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3111.560+/-0.920 χ^2/NDF: 1878991.5/16

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

Right Out: 3124.177+/-0.891 χ^2/NDF: 2242960.6/19

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

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

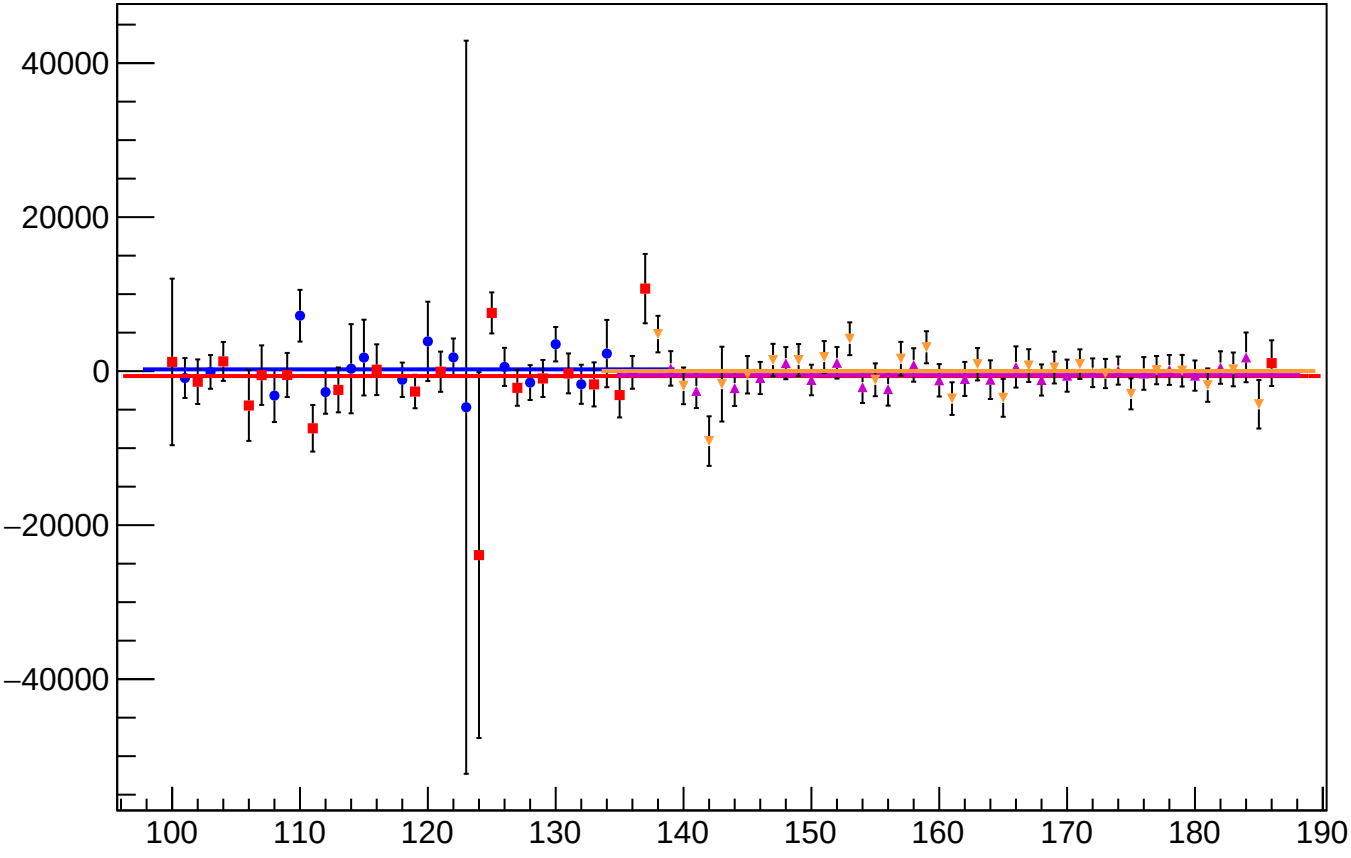
Right: 3118.074+/-0.640 χ^2/NDF: 4122049.2/36

In: 4241.401+/-0.654 χ^2/NDF:6242430.8/39

Out: 4227.292+/-0.635 χ^2/NDF:6575556.9/44

All: 4234.142+/-0.455 χ^2/NDF: 12818227.5/8

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 232.323+/-686.786 χ^2/NDF: 11.5/16

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

Right Out: -637.176+/-666.706 χ^2/NDF: 26.1/19

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

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

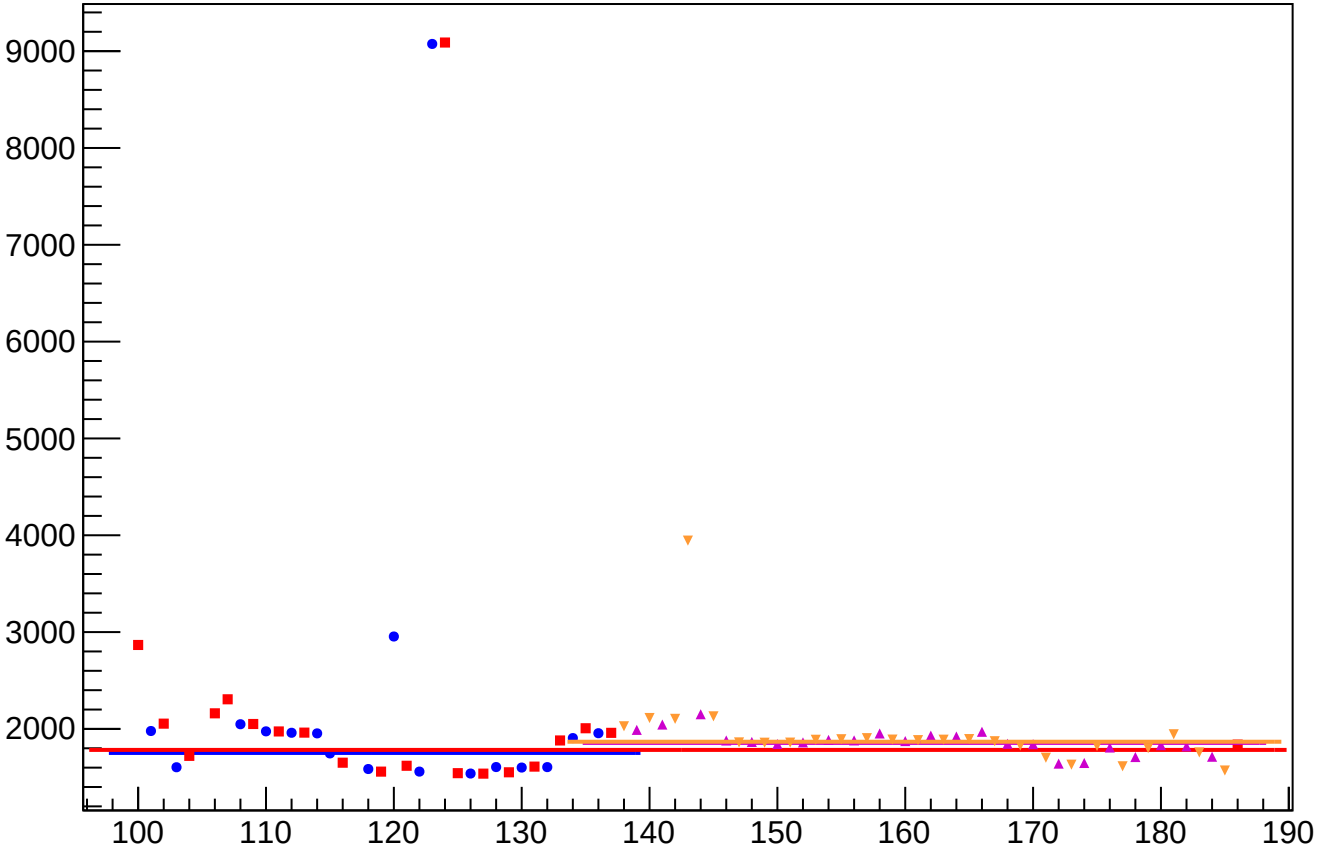
Right: -215.323+/-478.374 χ^2/NDF: 38.5/36

In: -294.224+/-373.104 χ^2/NDF:18.3/39

Out: -177.497+/-367.655 χ^2/NDF:58.5/44

All: -235.002+/-261.877 χ^2/NDF: 76.9/84

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1751.850+/-0.486 χ^2/NDF: 300898.3/16

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

Right Out: 1783.114+/-0.471 χ^2/NDF: 429047.1/19

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

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

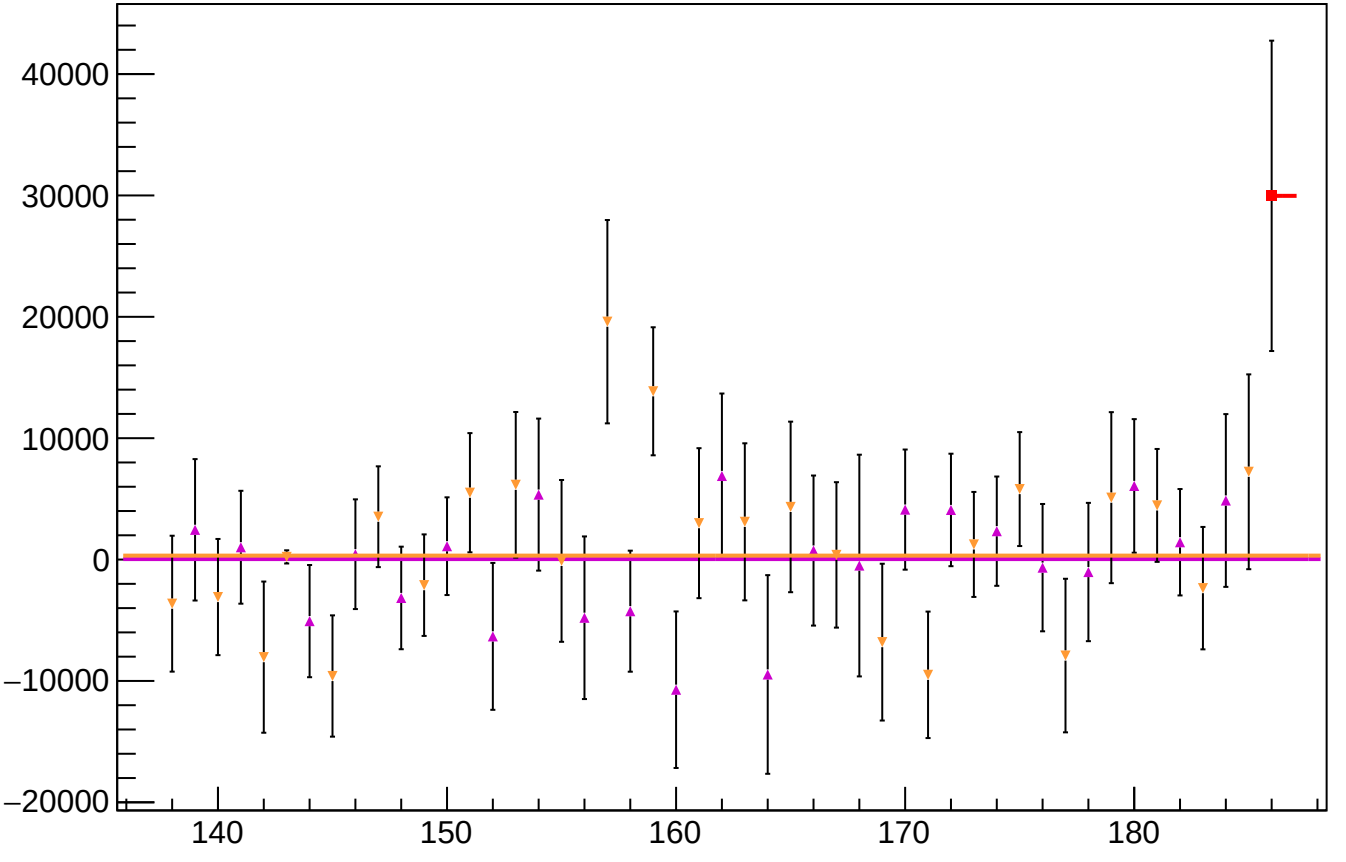
Right: 1767.969+/-0.338 χ^2/NDF: 732082.2/36

In: 1824.895+/-0.264 χ^2/NDF:469214.4/39

Out: 1841.812+/-0.260 χ^2/NDF:996755.0/44

All: 1833.482+/-0.185 χ^2/NDF: 1468056.3/84

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 29966.855+/-12785.043 χ^2/NDF: 0.0/0

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

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

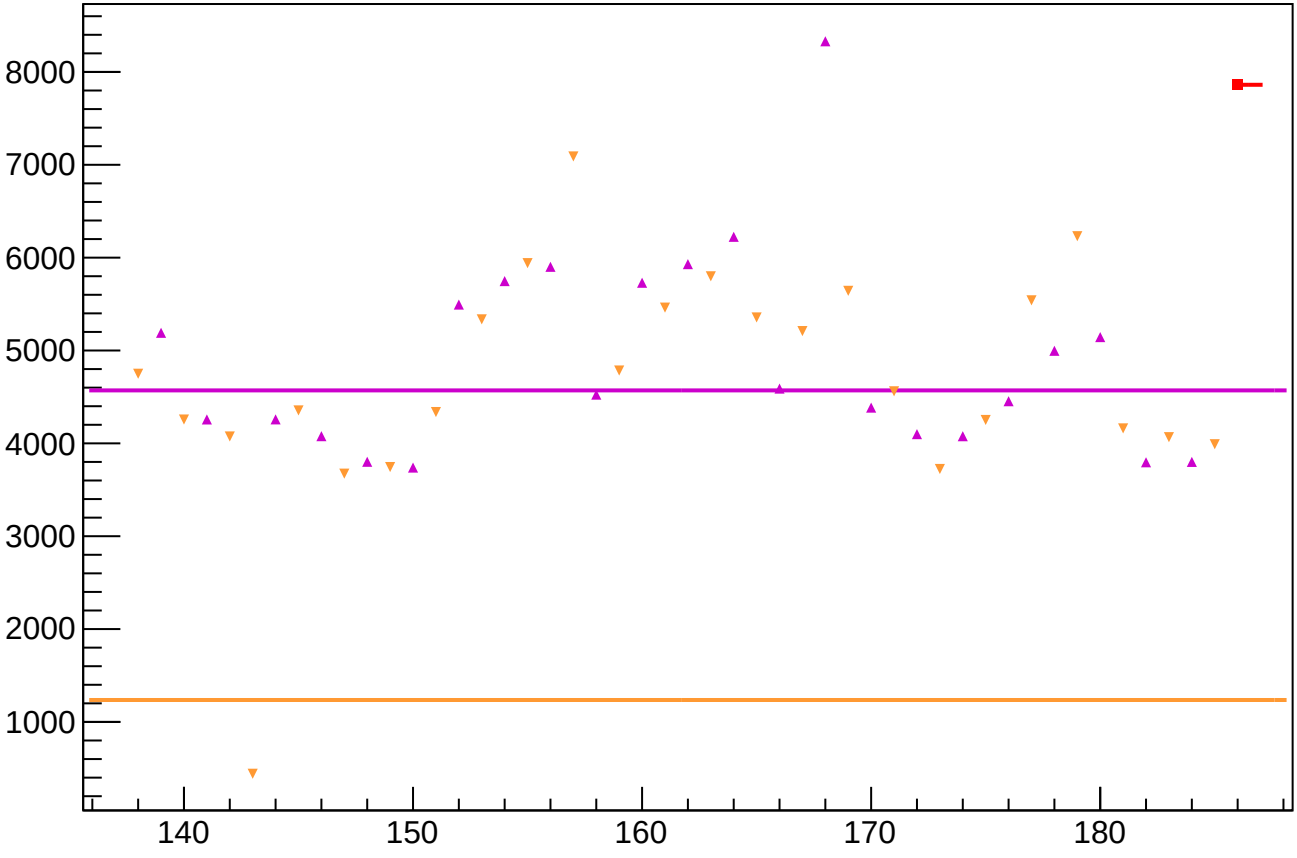
Right: 29966.855+/-12785.043 χ^2/NDF: 0.0/0

In: 40.142+/-1109.747 χ^2/NDF:13.9/22

Out: 368.300+/-487.883 χ^2/NDF:37.9/25

All: 315.147+/-446.627 χ^2/NDF: 51.8/48

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 7861.641+/-9.040 χ^2/NDF: 0.0/0

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

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

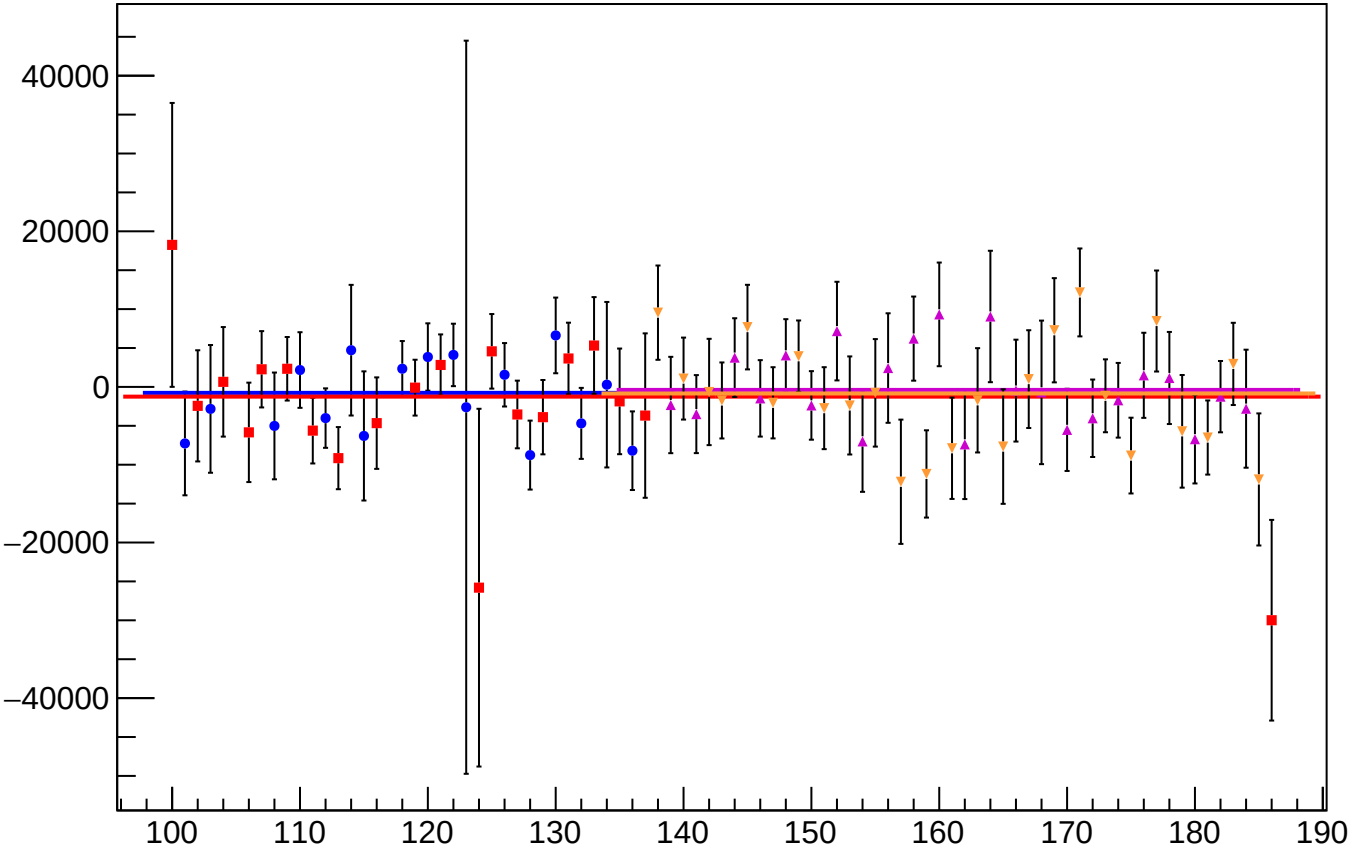
Right: 7861.641+/-9.040 χ^2/NDF: 0.0/0

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

Out: 1245.818+/-0.345 χ^2/NDF:23932209.5/25

All: 1784.310+/-0.316 χ^2/NDF: 40119705.9/4

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -765.107+/-1247.704 χ^2/NDF: 15.5/16

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

Right Out: -1249.965+/-1186.068 χ^2/NDF: 20.0/19

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

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

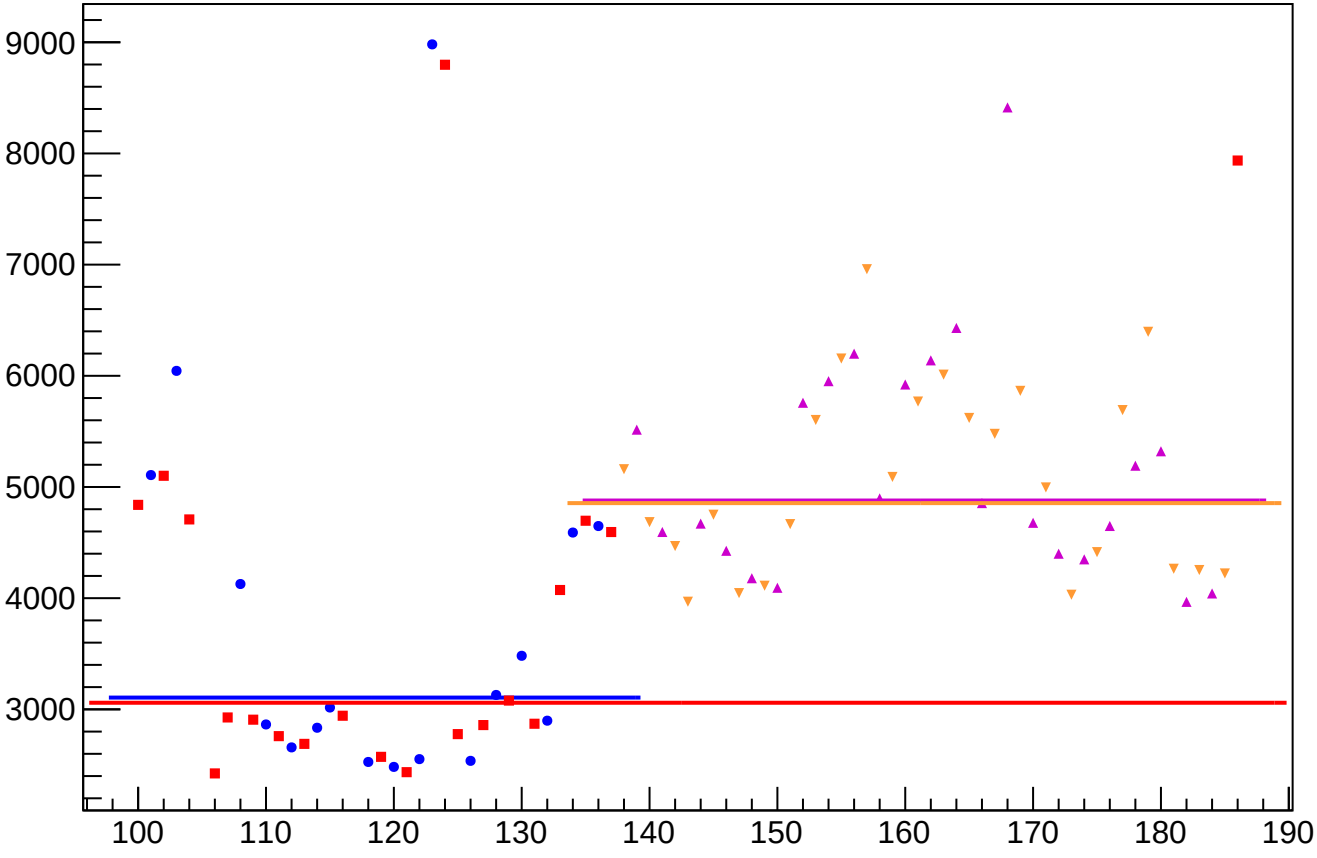
Right: -1019.807+/-859.641 χ^2/NDF: 35.6/36

In: -564.747+/-857.881 χ^2/NDF:29.5/39

Out: -1041.921+/-826.618 χ^2/NDF:50.1/44

All: -812.187+/-595.253 χ^2/NDF: 79.8/84

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3105.849+/-0.882 χ^2/NDF: 959826.4/16

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

Right Out: 3059.357+/-0.828 χ^2/NDF: 1082696.6/19

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

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

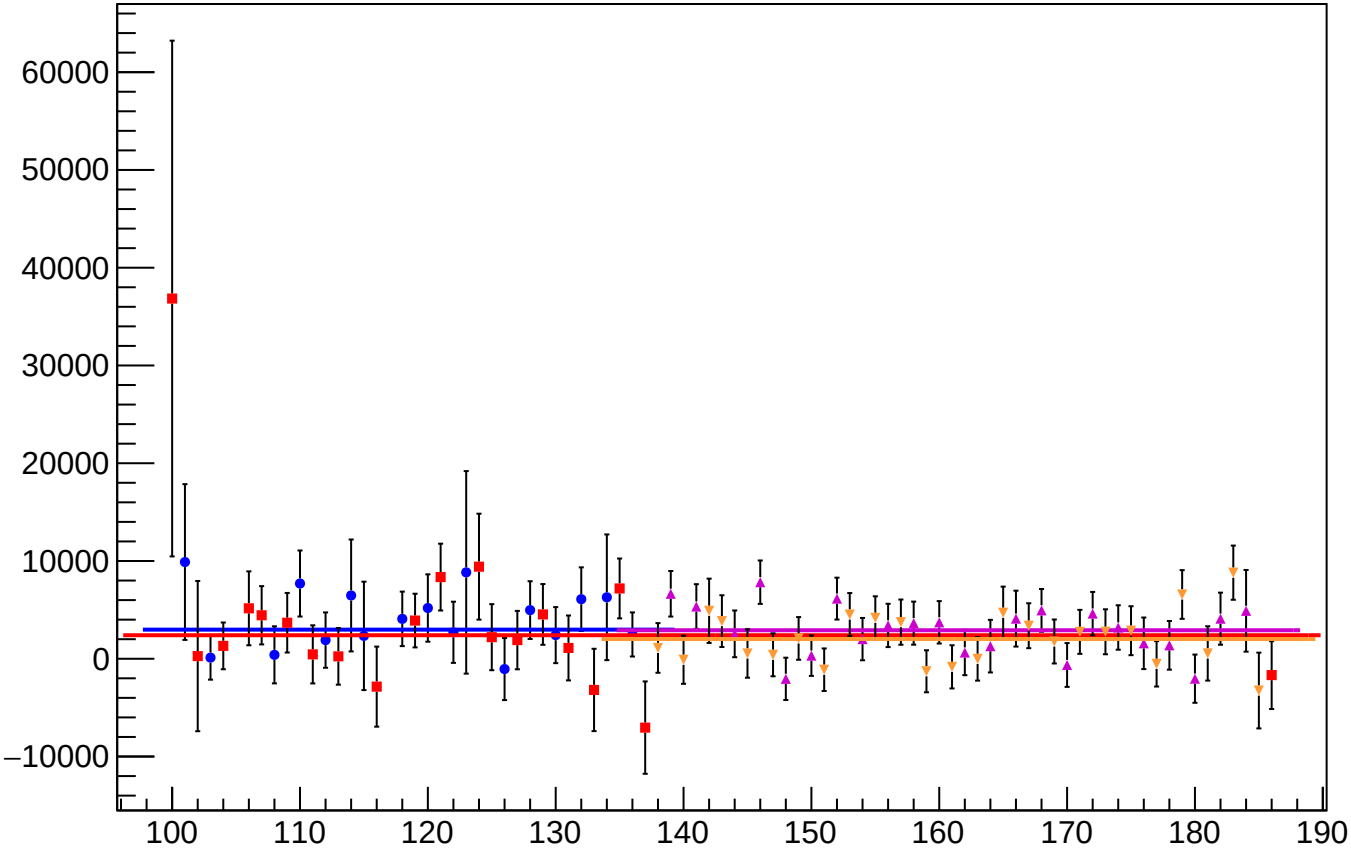
Right: 3081.139+/-0.604 χ^2/NDF: 2043999.0/36

In: 4040.351+/-0.607 χ^2/NDF:4052969.6/39

Out: 3971.624+/-0.581 χ^2/NDF:4365685.4/44

All: 4004.504+/-0.420 χ^2/NDF: 8425350.1/84

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2978.445+/-795.398 χ^2/NDF: 9.9/16

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

Right Out: 2406.210+/-764.010 χ^2/NDF: 21.1/19

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

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

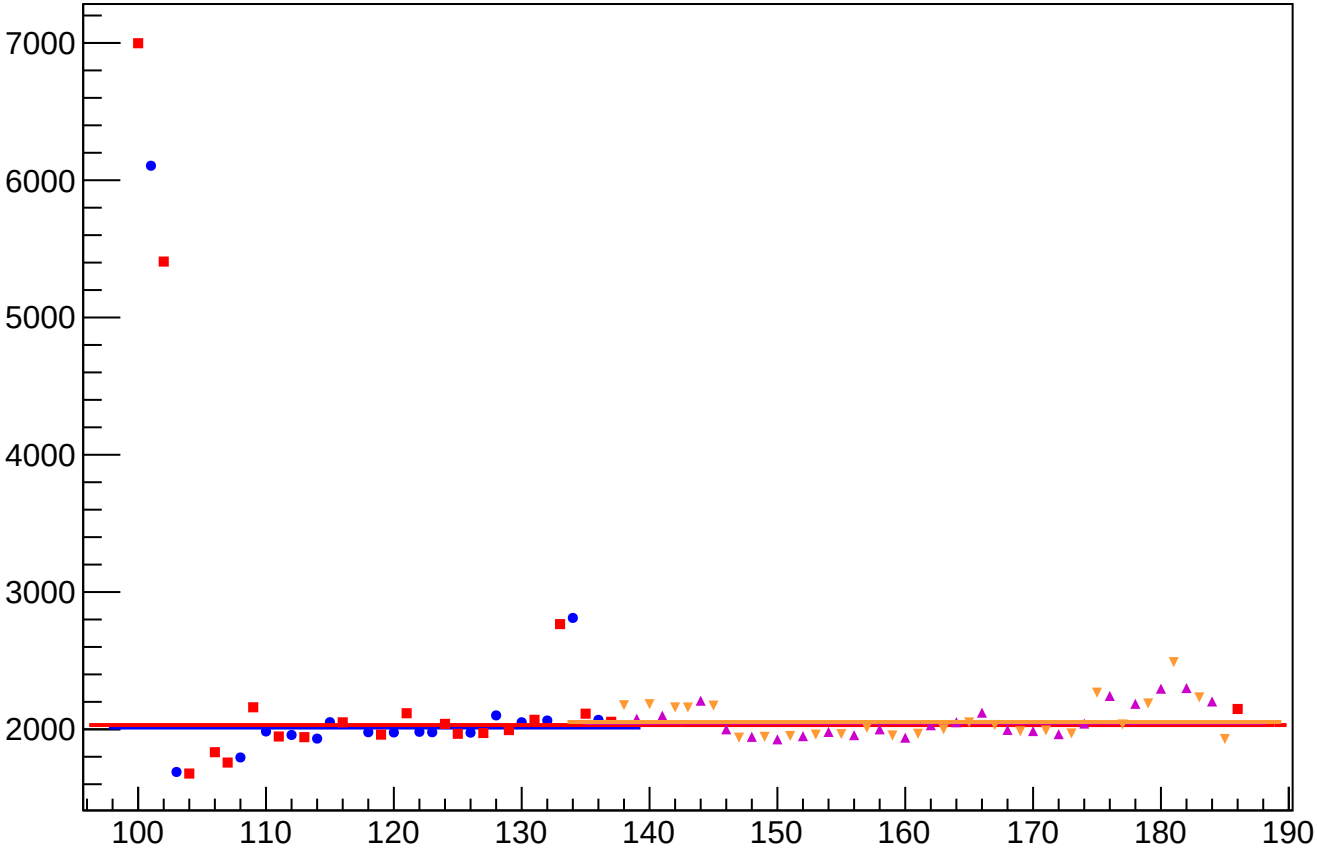
Right: 2680.814+/-550.999 χ^2/NDF: 31.2/36

In: 2933.208+/-416.847 χ^2/NDF:38.7/39

Out: 2129.256+/-407.254 χ^2/NDF:48.4/44

All: 2521.875+/-291.305 χ^2/NDF: 89.0/84

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2012.945+/-0.562 χ^2/NDF: 617707.4/16

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

Right Out: 2031.027+/-0.540 χ^2/NDF: 599812.7/19

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

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

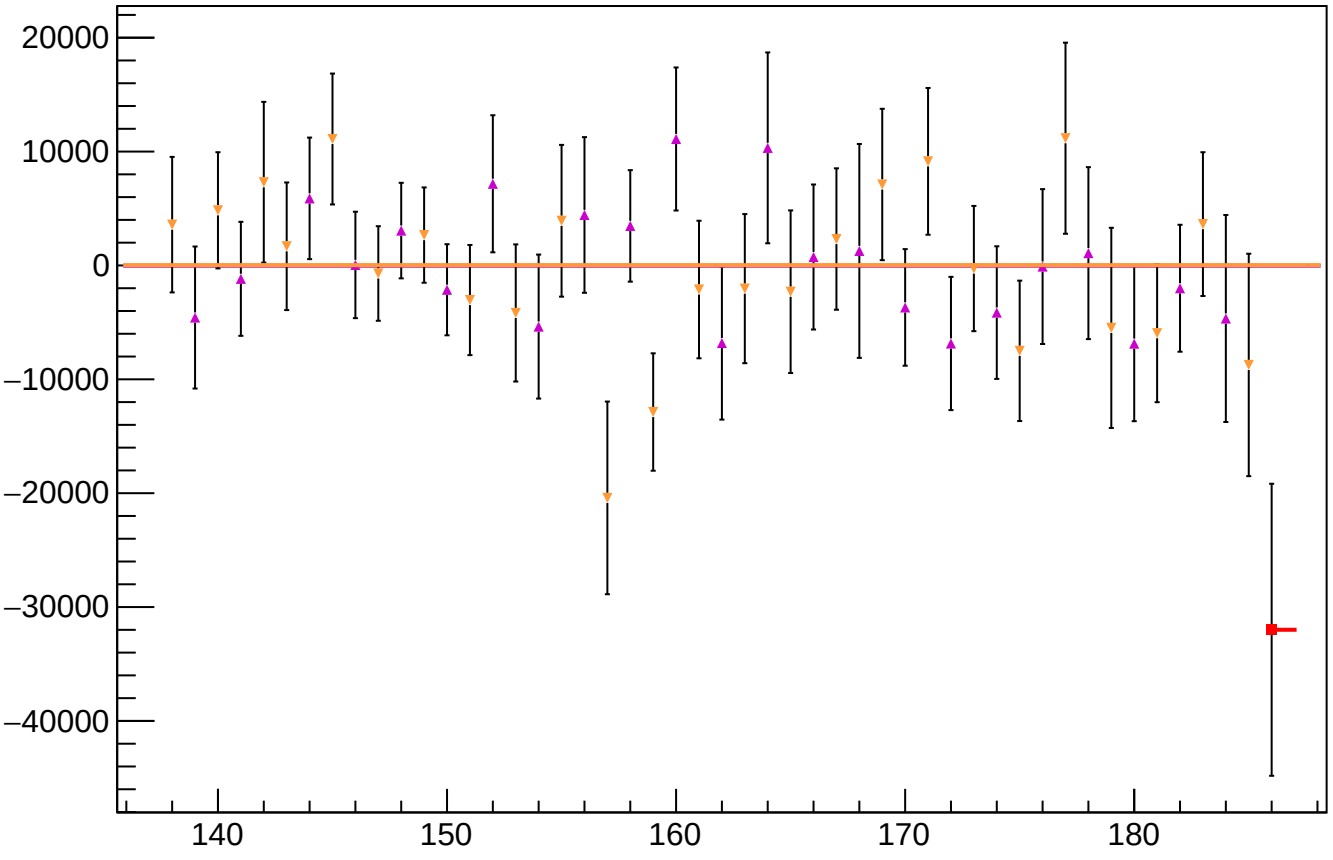
Right: 2022.353+/-0.390 χ^2/NDF: 1218057.9/36

In: 2037.848+/-0.295 χ^2/NDF:723411.4/39

Out: 2046.965+/-0.288 χ^2/NDF:737917.7/44

All: 2042.513+/-0.206 χ^2/NDF: 1461818.7/84

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: -31994.535+/-12823.465 χ^2/NDF: 0.0/0

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

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

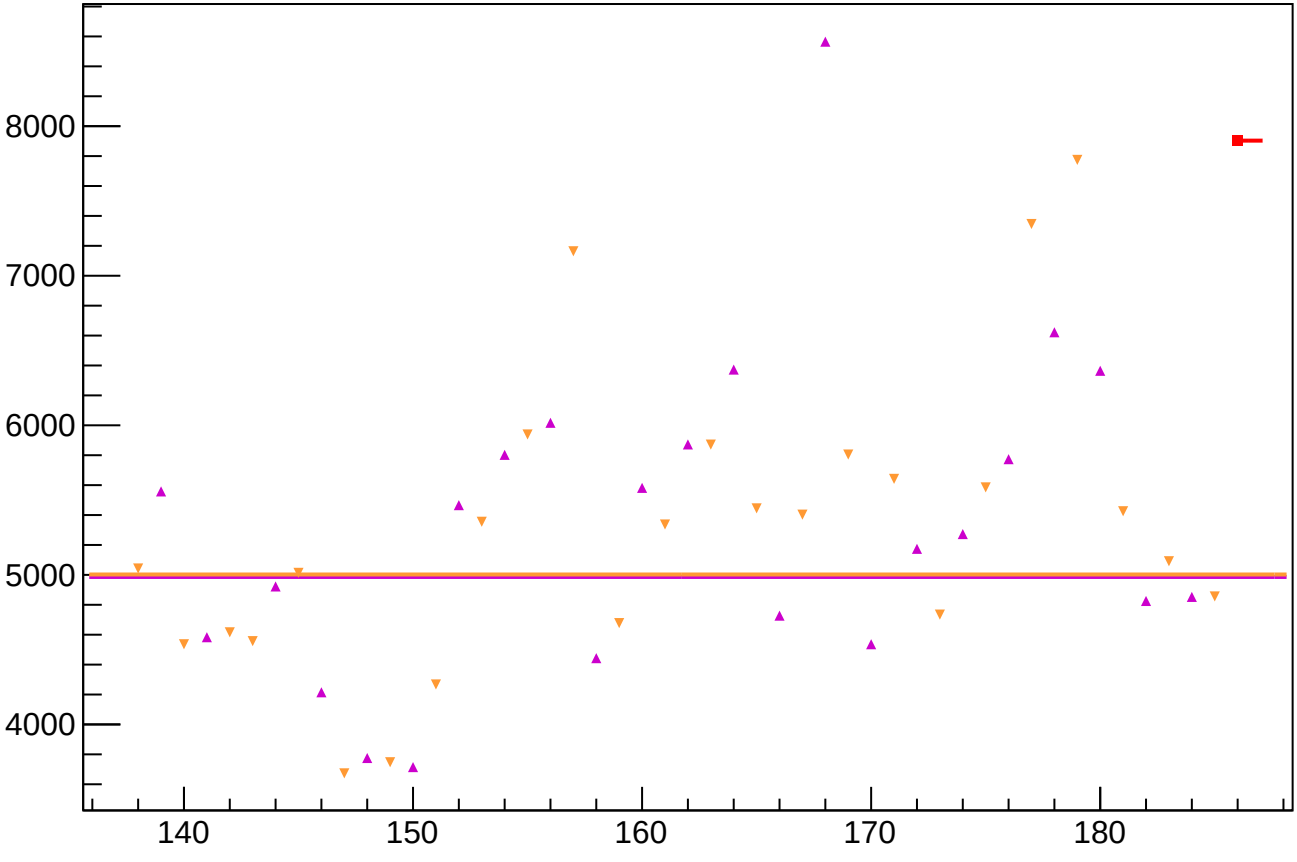
Right: -31994.535+/-12823.465 χ^2/NDF: 0.0/0

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

Out: -249.527+/-1189.475 χ^2/NDF:35.4/25

All: -138.731+/-848.818 χ^2/NDF: 50.6/48

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 7903.347+/-9.068 χ^2/NDF: 0.0/0

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

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

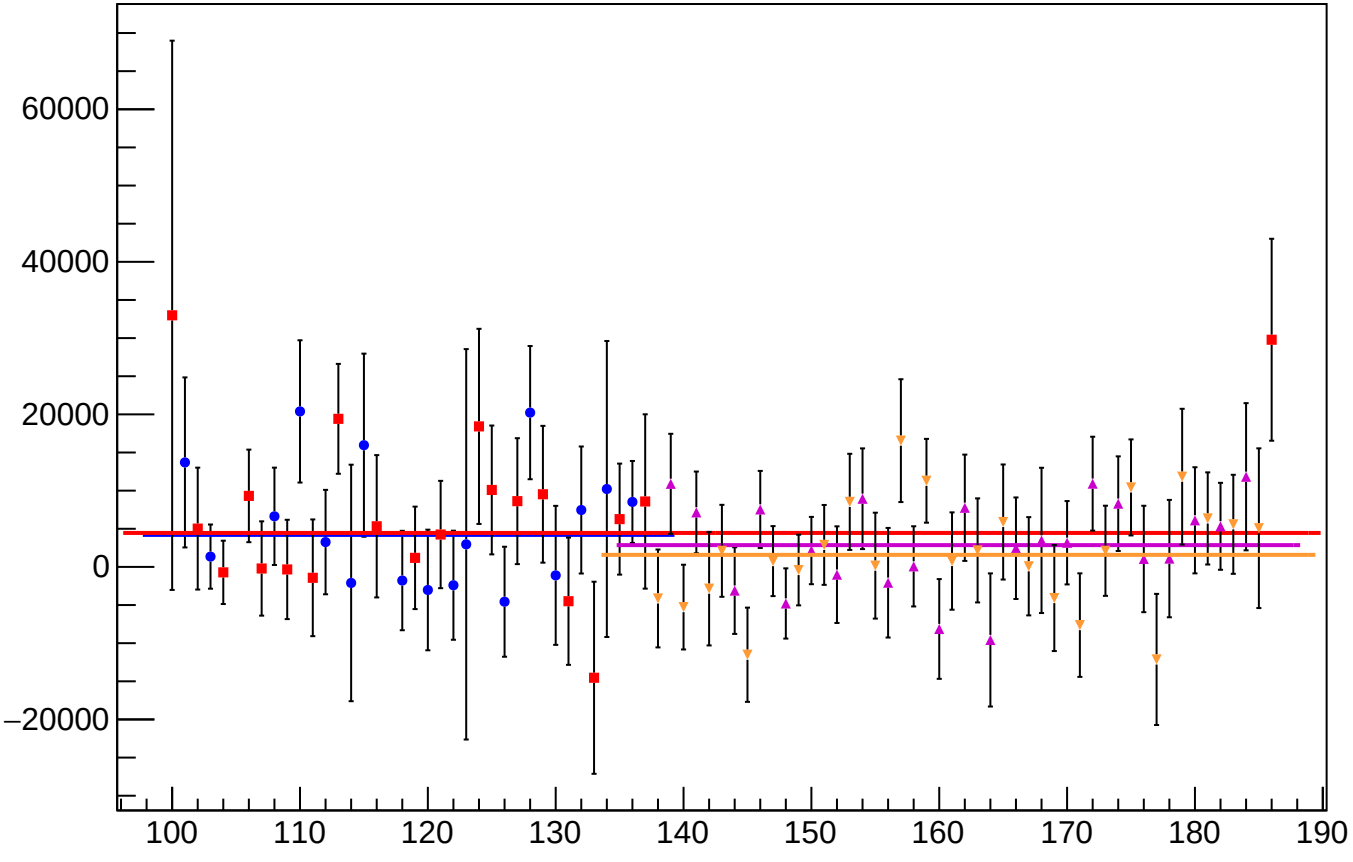
Right: 7903.347+/-9.068 χ^2/NDF: 0.0/0

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

Out: 5027.517+/-0.841 χ^2/NDF:1247058.0/25

All: 5007.225+/-0.600 χ^2/NDF: 2445846.7/48

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4198.770+/-1857.803 χ^2/NDF: 14.1/16

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

Right Out: 4453.879+/-1710.722 χ^2/NDF: 18.6/19

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

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

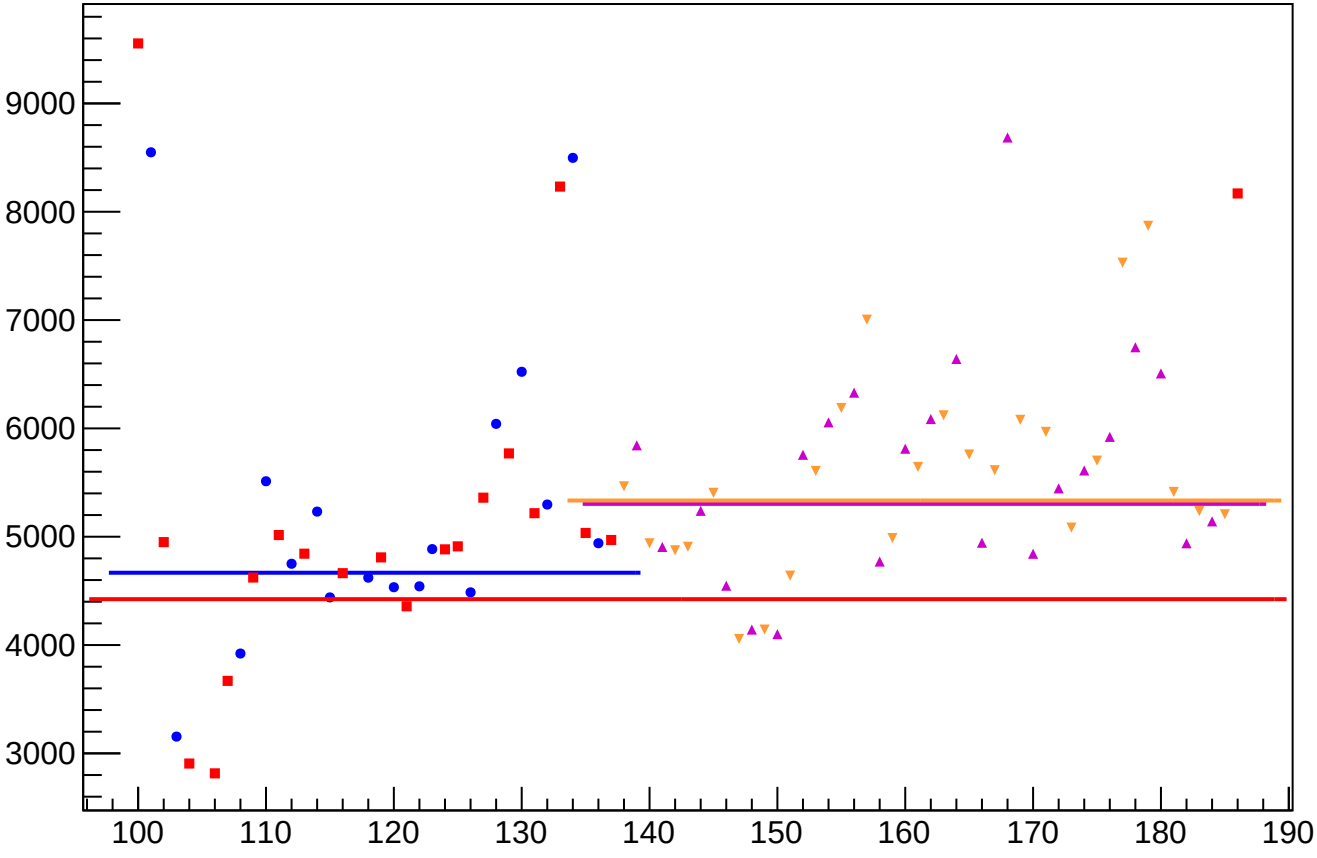
Right: 4336.821+/-1258.452 χ^2/NDF: 32.7/36

In: 3290.449+/-1056.345 χ^2/NDF:32.6/39

Out: 2597.390+/-1017.696 χ^2/NDF:45.6/44

All: 2931.009+/-732.902 χ^2/NDF: 78.3/84

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4667.470+/-1.314 χ^2/NDF: 777857.9/16

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

Right Out: 4423.461+/-1.203 χ^2/NDF: 995539.1/19

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

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

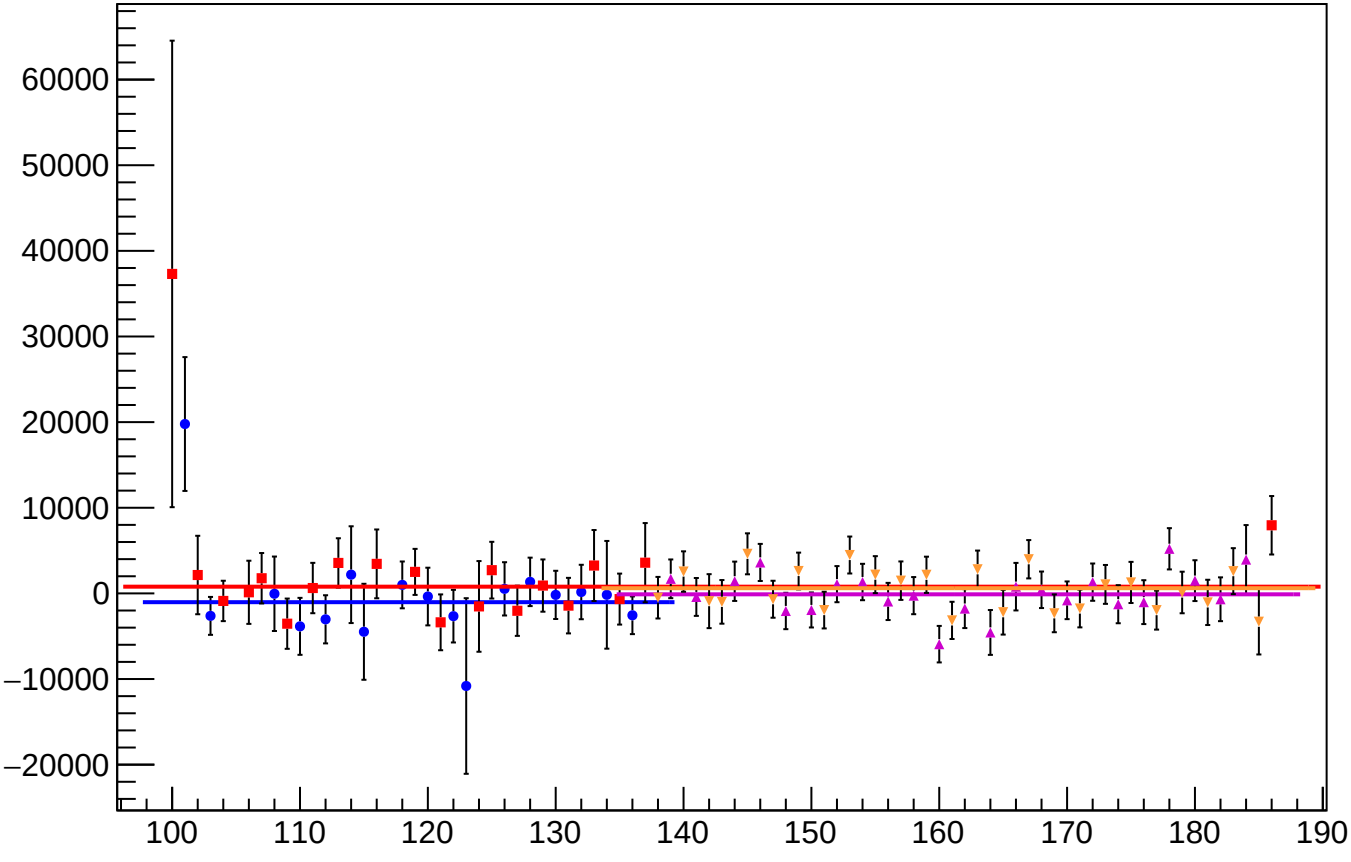
Right: 4534.736+/-0.887 χ^2/NDF: 1792165.1/36

In: 5097.747+/-0.747 χ^2/NDF:1896752.0/39

Out: 5009.530+/-0.718 χ^2/NDF:2229905.5/44

All: 5051.906+/-0.518 χ^2/NDF: 4133905.6/84

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1027.051+/-796.597 χ^2/NDF: 13.1/16

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

Right Out: 784.693+/-742.594 χ^2/NDF: 15.4/19

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

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

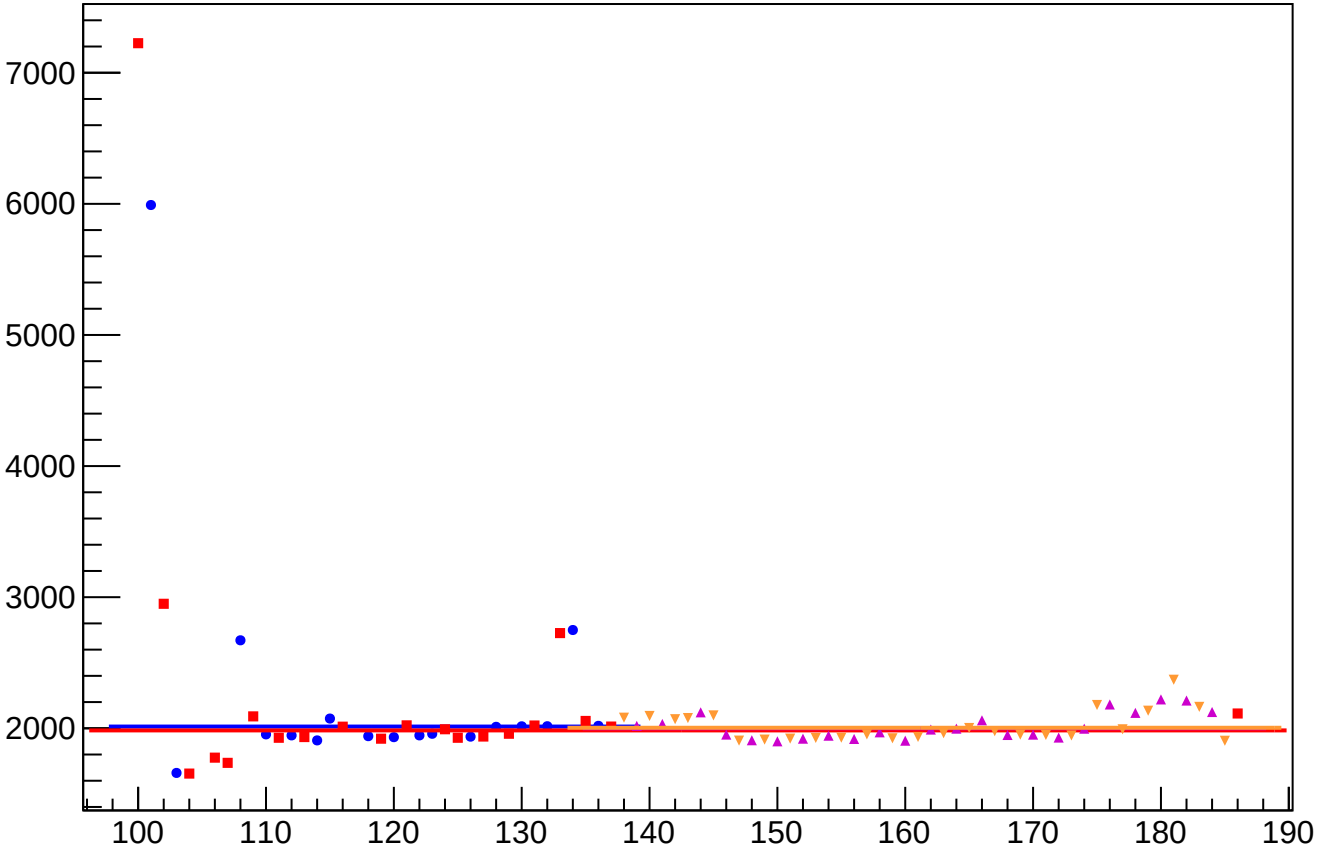
Right: -57.693+/-543.182 χ^2/NDF: 31.2/36

In: -351.502+/-409.808 χ^2/NDF:39.0/39

Out: 656.869+/-396.776 χ^2/NDF:40.7/44

All: 168.972+/-285.059 χ^2/NDF: 82.8/84

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2013.270+/-0.563 χ^2/NDF: 650048.6/16

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

Right Out: 1983.939+/-0.525 χ^2/NDF: 297896.3/19

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

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

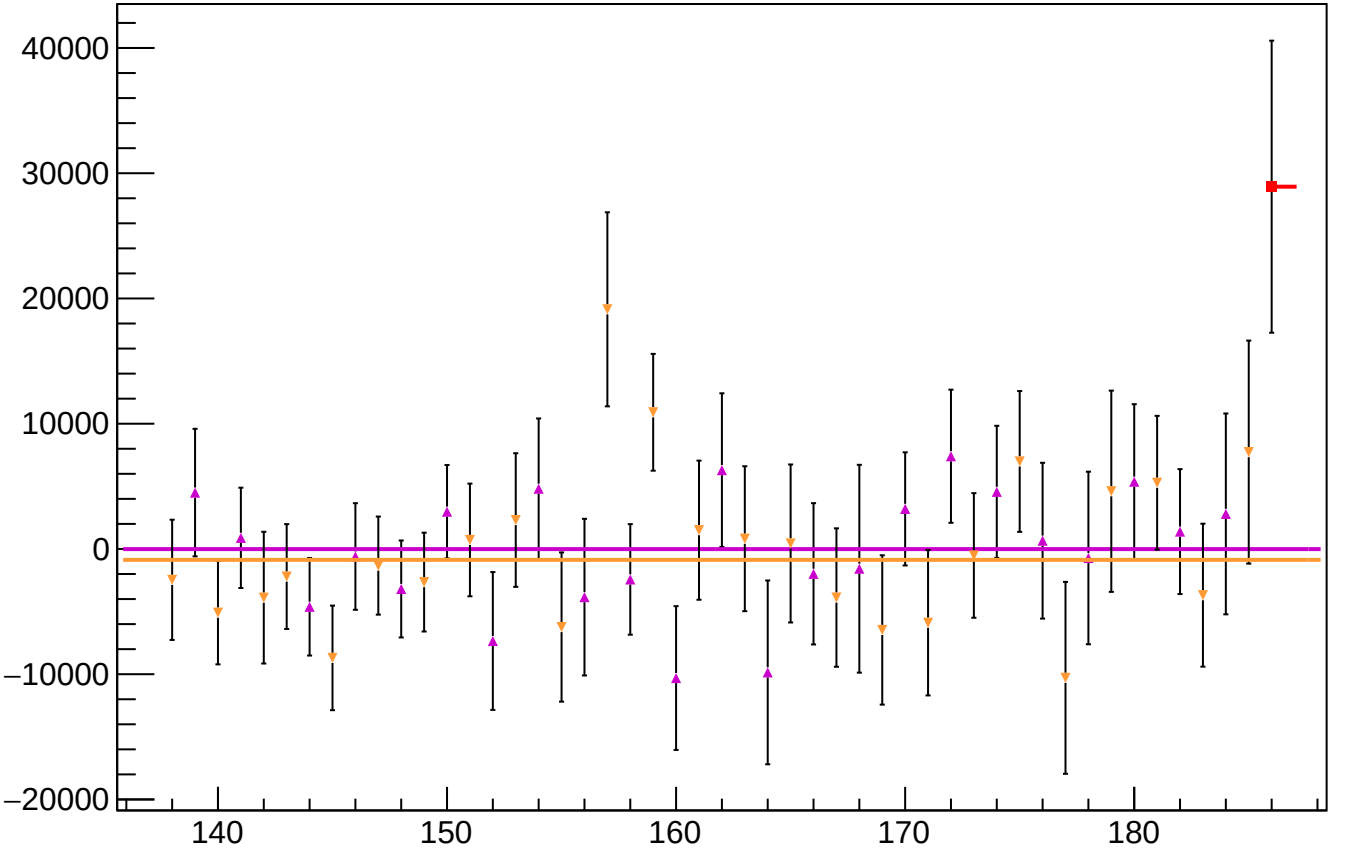
Right: 1997.562+/-0.384 χ^2/NDF: 949397.1/36

In: 2003.600+/-0.290 χ^2/NDF:730138.2/39

Out: 1998.256+/-0.280 χ^2/NDF:398921.2/44

All: 2000.840+/-0.202 χ^2/NDF: 1129235.0/84

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 28924.718+/-11659.045 χ^2/NDF: 0.0/0

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

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

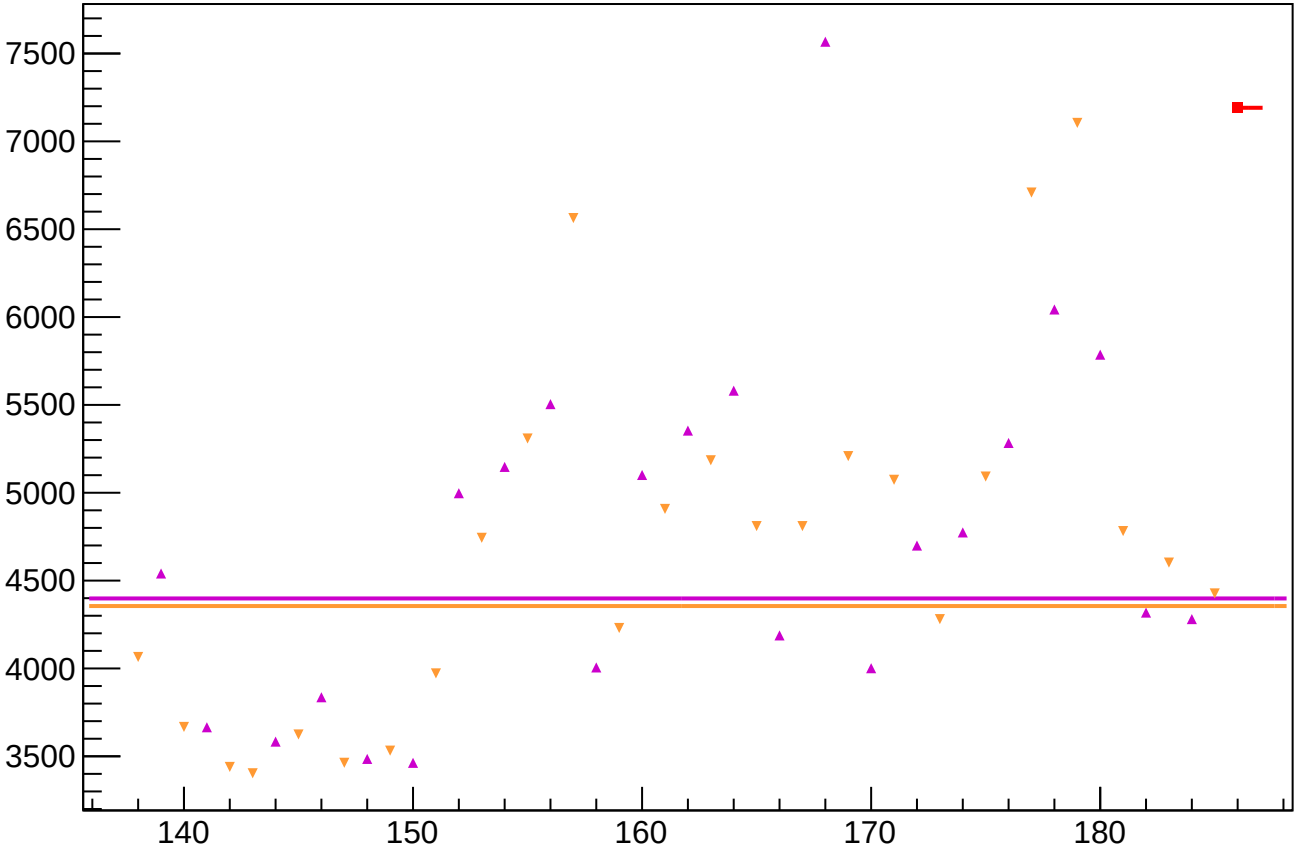
Right: 28924.718+/-11659.045 χ^2/NDF: 0.0/0

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

Out: -634.561+/-1039.237 χ^2/NDF:34.8/25

All: -331.922+/-745.577 χ^2/NDF: 52.2/48

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 7191.105+/-8.244 χ^2/NDF: 0.0/0

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

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

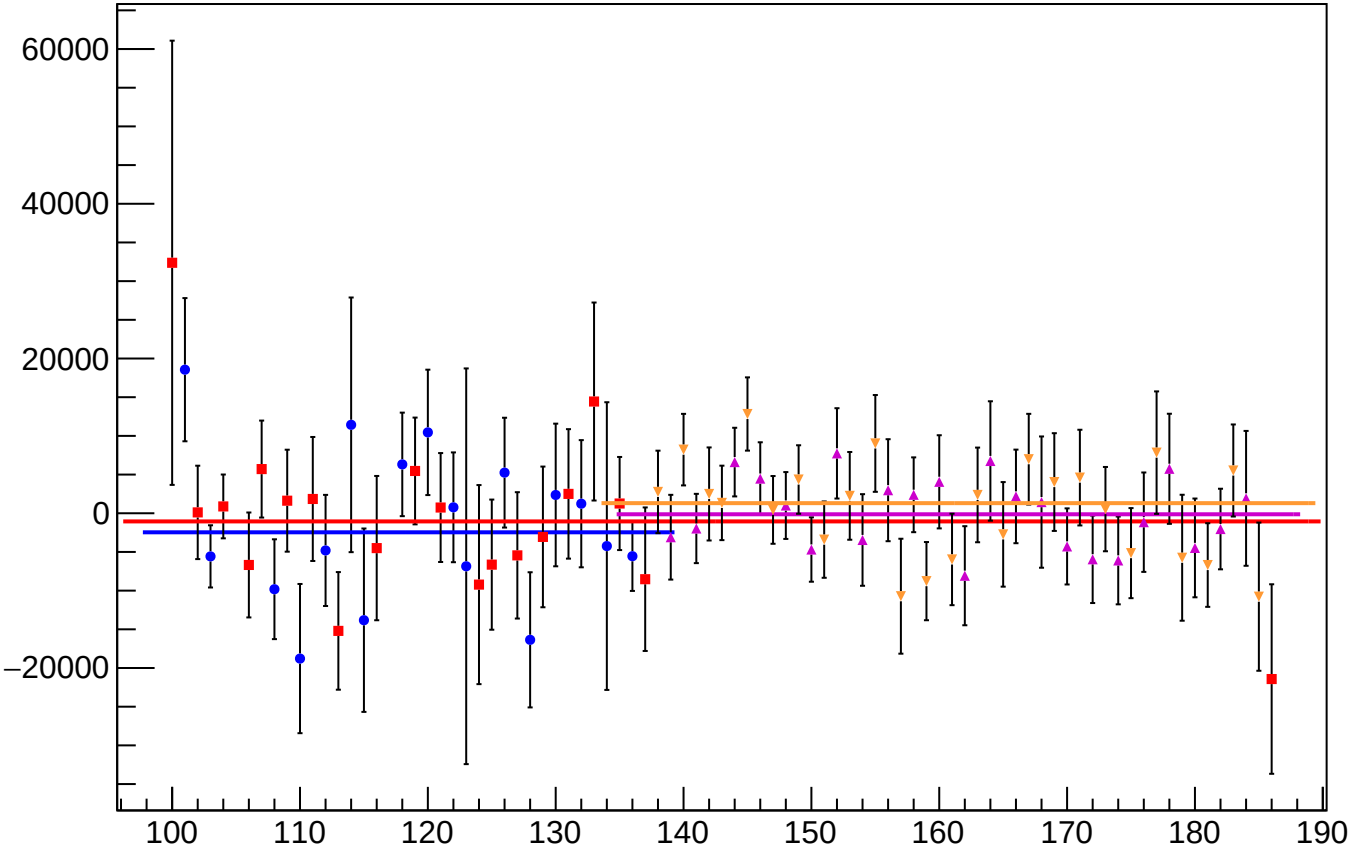
Right: 7191.105+/-8.244 χ^2/NDF: 0.0/0

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

Out: 4377.734+/-0.735 χ^2/NDF:1467879.9/25

All: 4387.773+/-0.527 χ^2/NDF: 2747048.6/48

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2462.254+/-1797.293 χ^2/NDF: 20.8/16

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

Right Out: -1053.985+/-1673.954 χ^2/NDF: 14.7/19

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

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

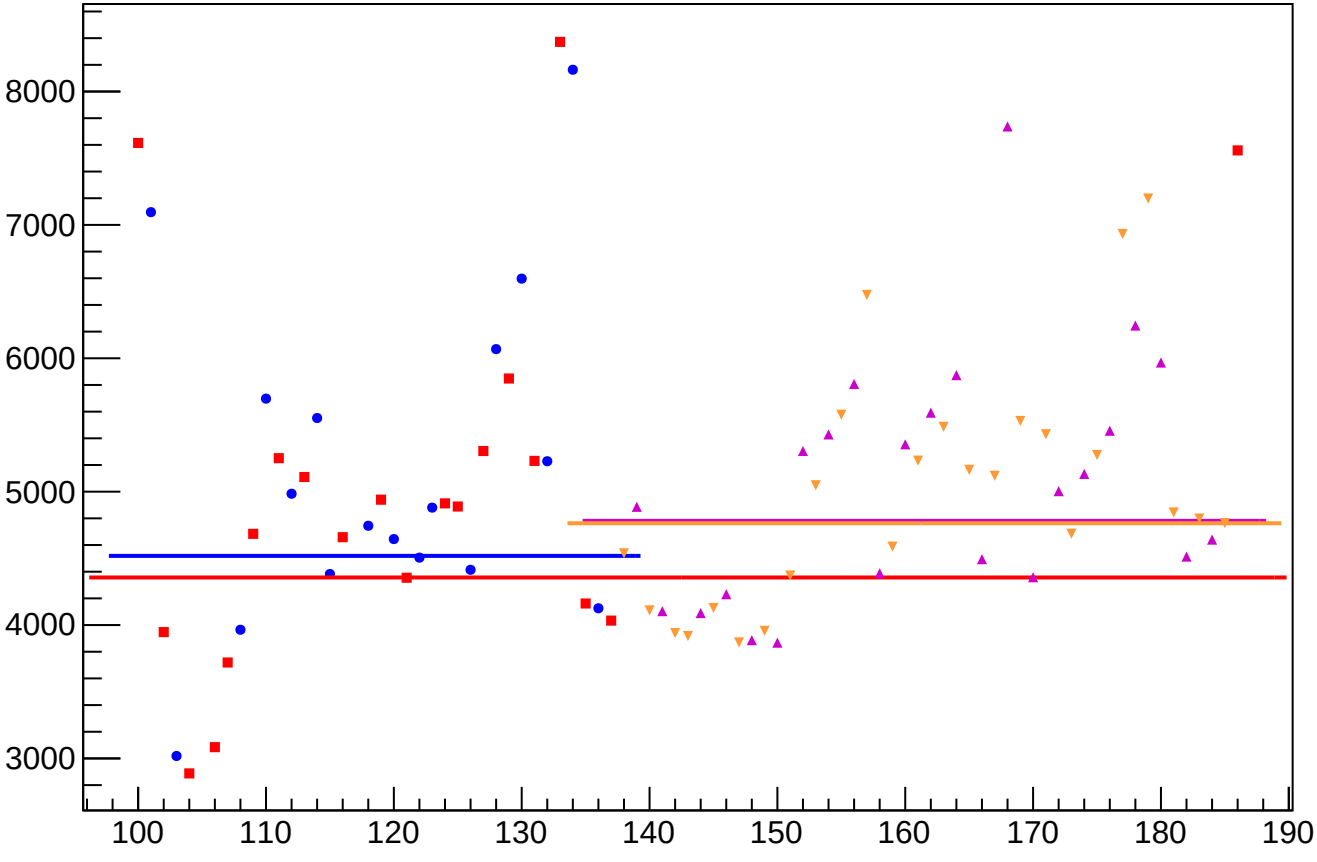
Right: -1708.144+/-1224.949 χ^2/NDF: 35.9/36

In: -814.574+/-973.018 χ^2/NDF:36.9/39

Out: 566.328+/-937.498 χ^2/NDF:44.2/44

All: -98.459+/-675.119 χ^2/NDF: 82.2/84

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4518.684+/-1.271 χ^2/NDF: 770226.9/16

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

Right Out: 4356.659+/-1.177 χ^2/NDF: 910979.0/19

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

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

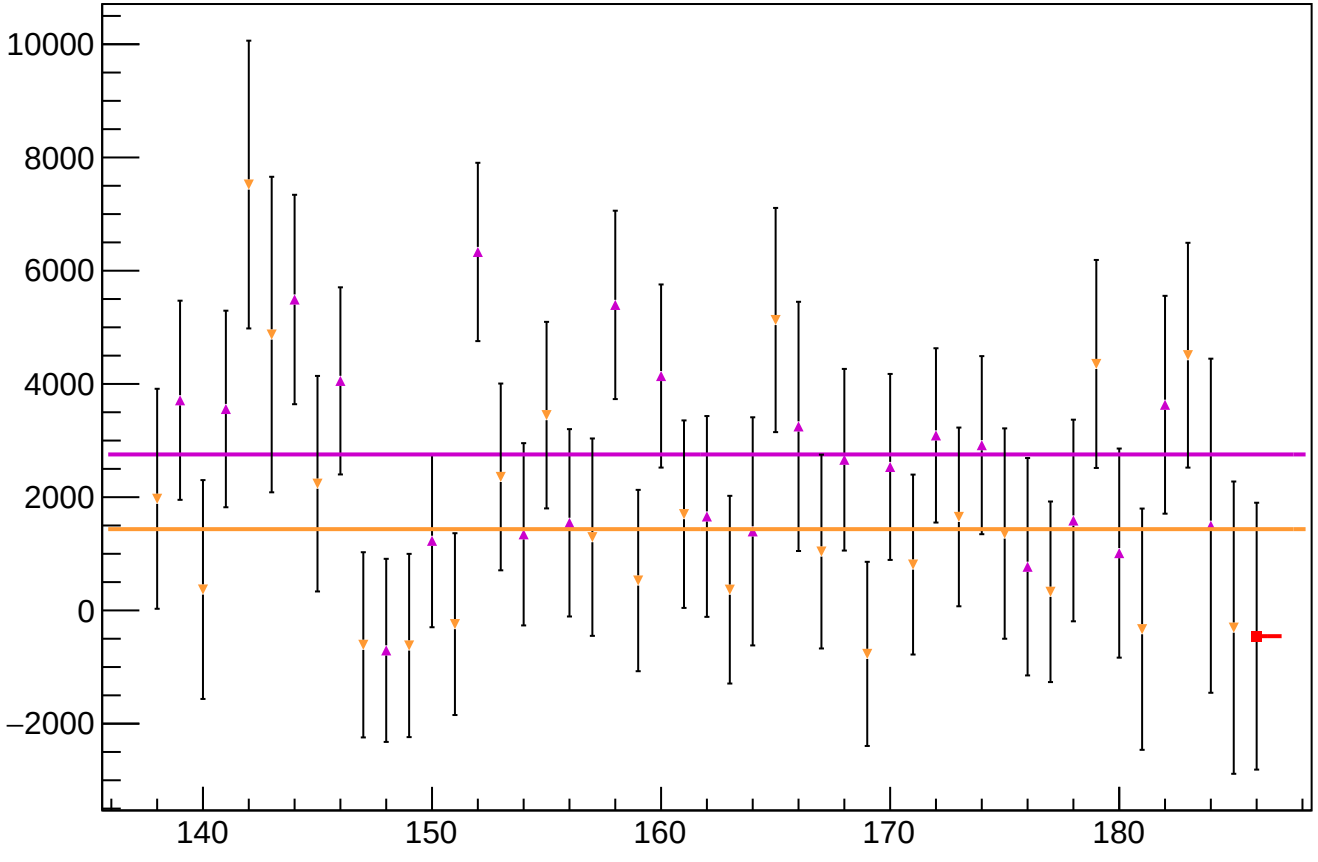
Right: 4431.482+/-0.864 χ^2/NDF: 1689953.8/36

In: 4704.239+/-0.688 χ^2/NDF:1751925.2/39

Out: 4634.722+/-0.662 χ^2/NDF:1934403.6/44

All: 4668.129+/-0.477 χ^2/NDF: 3691631.5/84

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: -454.834+/-2356.861 χ^2/NDF: 0.0/0

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

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

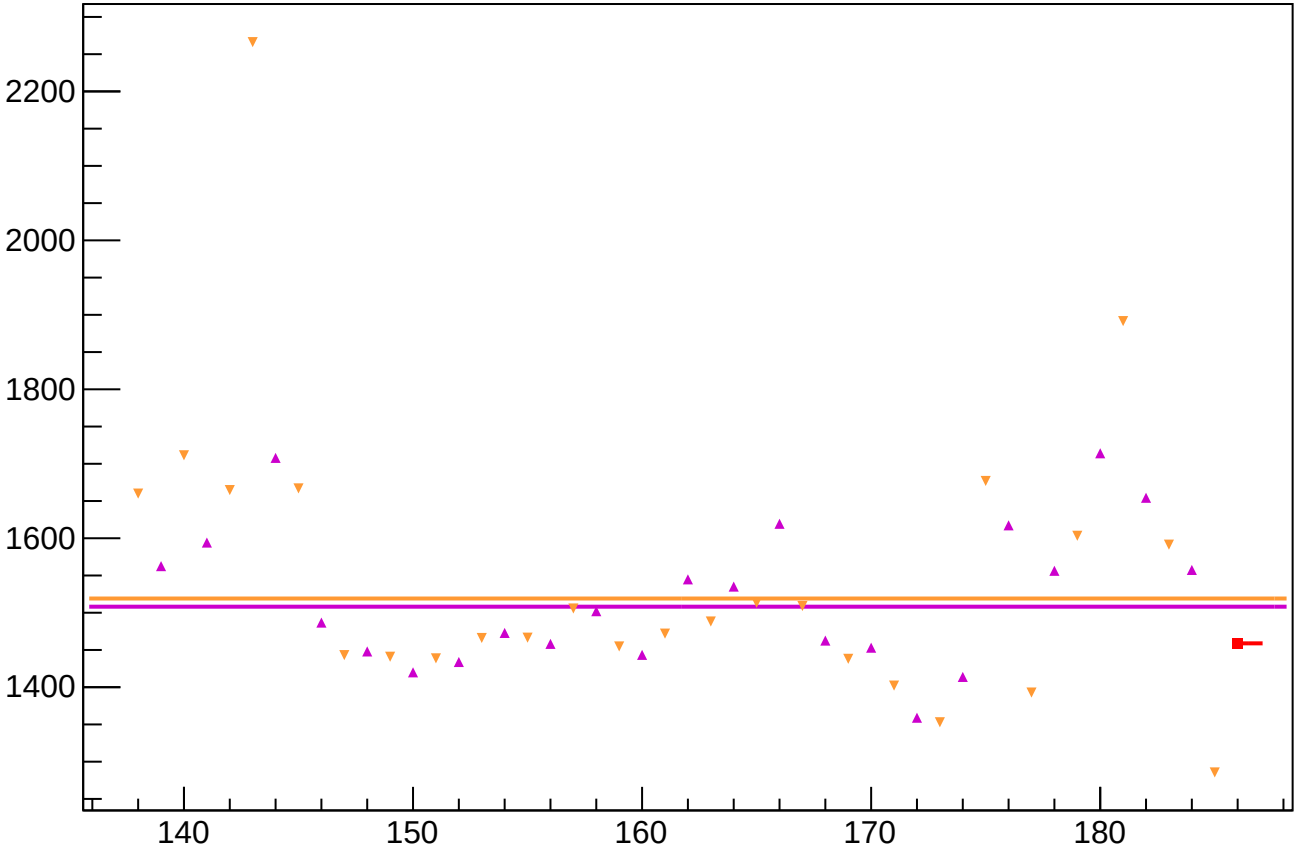
Right: -454.834+/-2356.861 χ^2/NDF: 0.0/0

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

Out: 1392.831+/-354.112 χ^2/NDF:27.4/25

All: 2059.476+/-253.025 χ^2/NDF: 57.0/48

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 1458.885+/-1.667 χ^2/NDF: 0.0/0

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

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

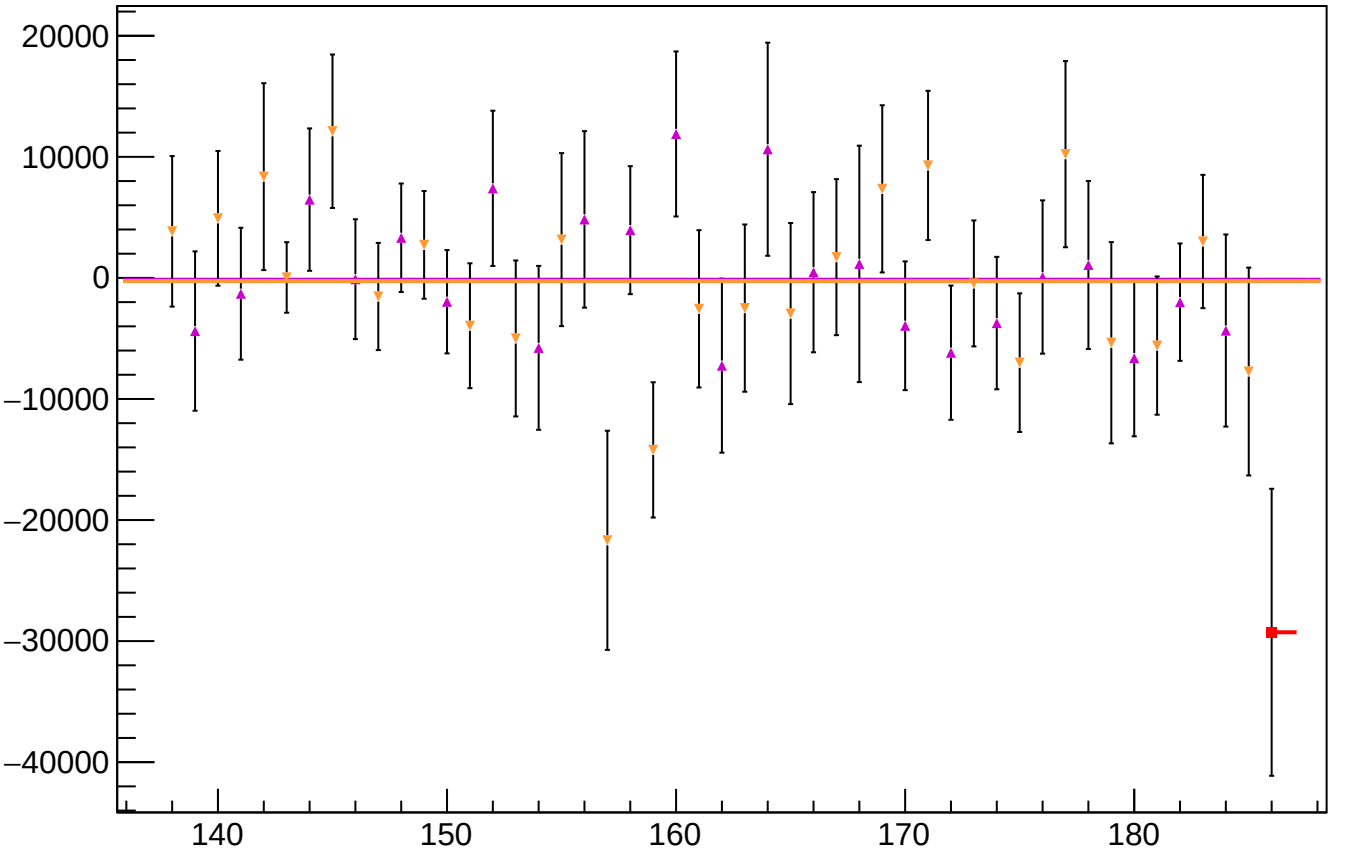
Right: 1458.885+/-1.667 χ^2/NDF: 0.0/0

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

Out: 1517.733+/-0.250 χ^2/NDF:367114.9/25

All: 1513.024+/-0.179 χ^2/NDF: 499326.2/48

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: -29272.334+/-11854.412 χ^2/NDF: 0.0/0

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

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

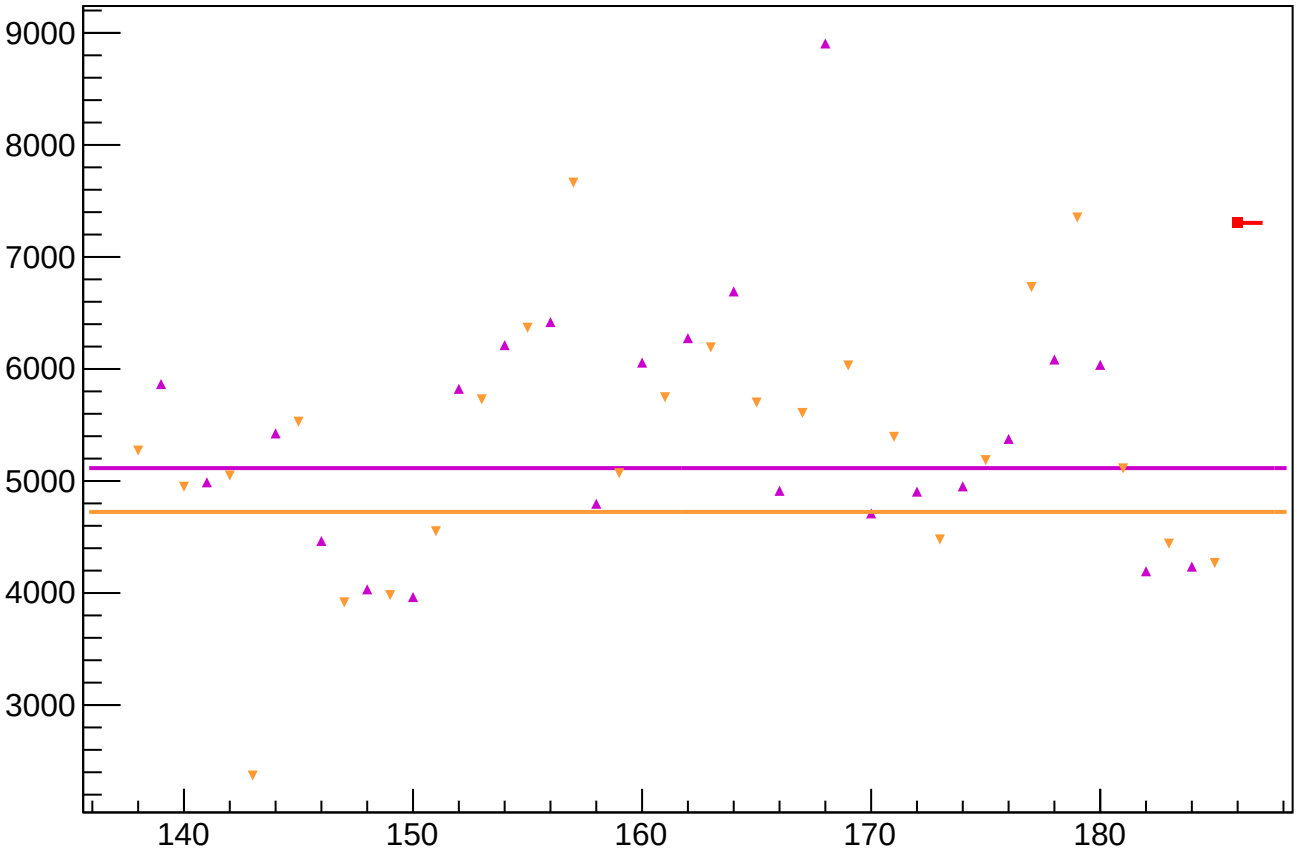
Right: -29272.334+/-11854.412 χ^2/NDF: 0.0/0

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

Out: -535.294+/-1145.730 χ^2/NDF:35.6/25

All: -358.695+/-842.071 χ^2/NDF: 50.5/48

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 7304.343+/-8.382 χ^2/NDF: 0.0/0

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

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

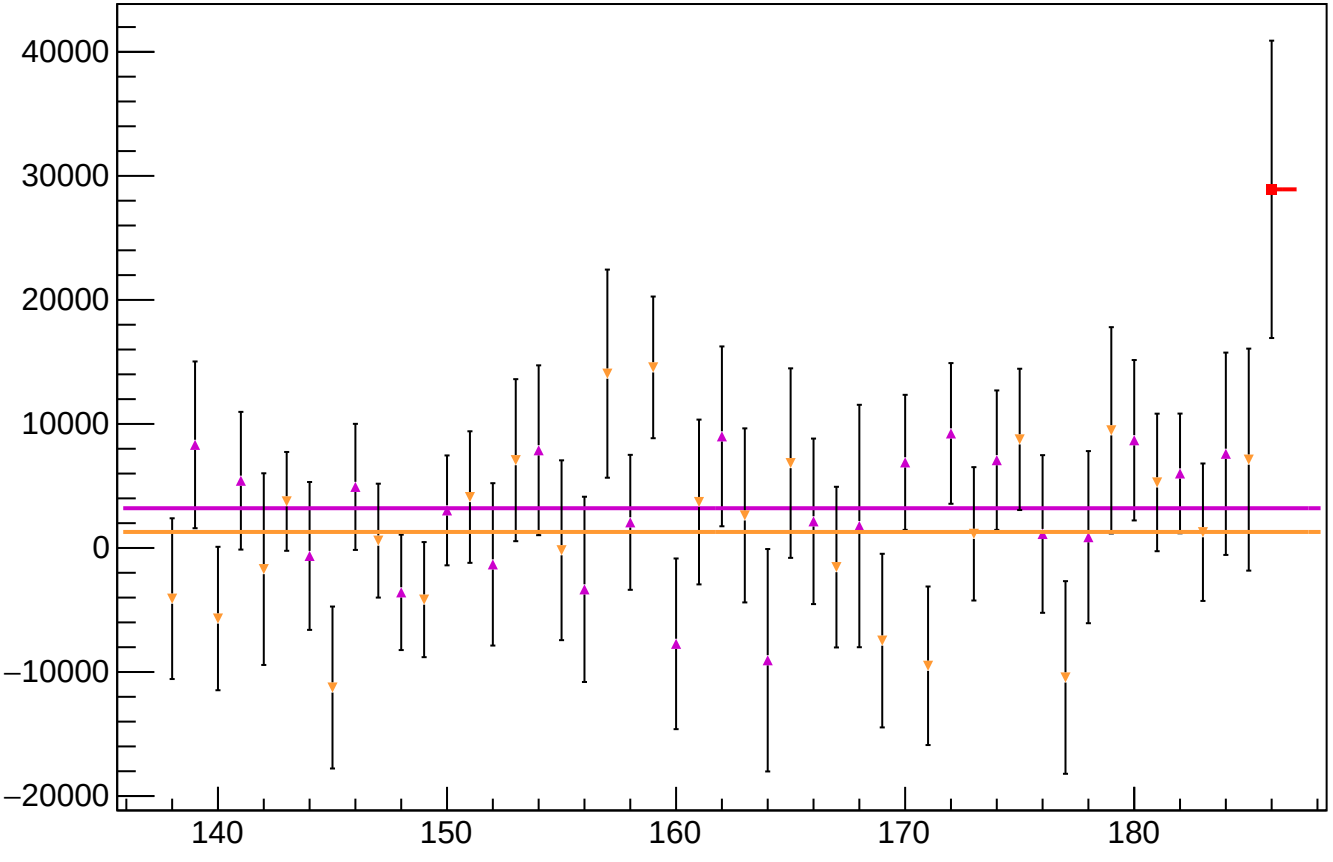
Right: 7304.343+/-8.382 χ^2/NDF: 0.0/0

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

Out: 4748.130+/-0.810 χ^2/NDF:2631405.0/25

All: 4916.891+/-0.595 χ^2/NDF: 3857117.6/48

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 28914.795+/-11987.514 χ^2/NDF: 0.0/0

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

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

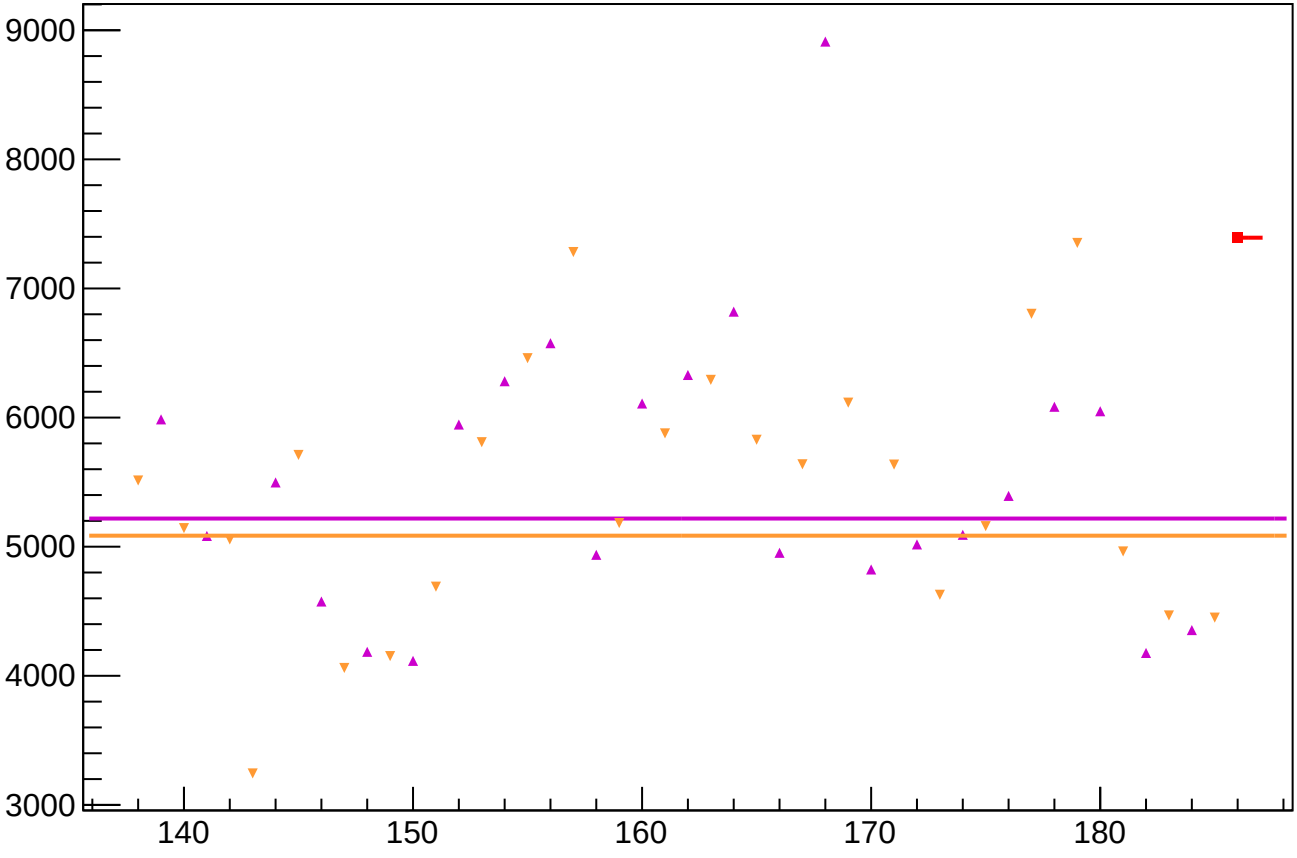
Right: 28914.795+/-11987.514 χ^2/NDF: 0.0/0

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

Out: 1573.473+/-1209.557 χ^2/NDF:33.1/25

All: 2352.496+/-874.423 χ^2/NDF: 47.8/48

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 7393.224+/-8.476 χ^2/NDF: 0.0/0

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

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

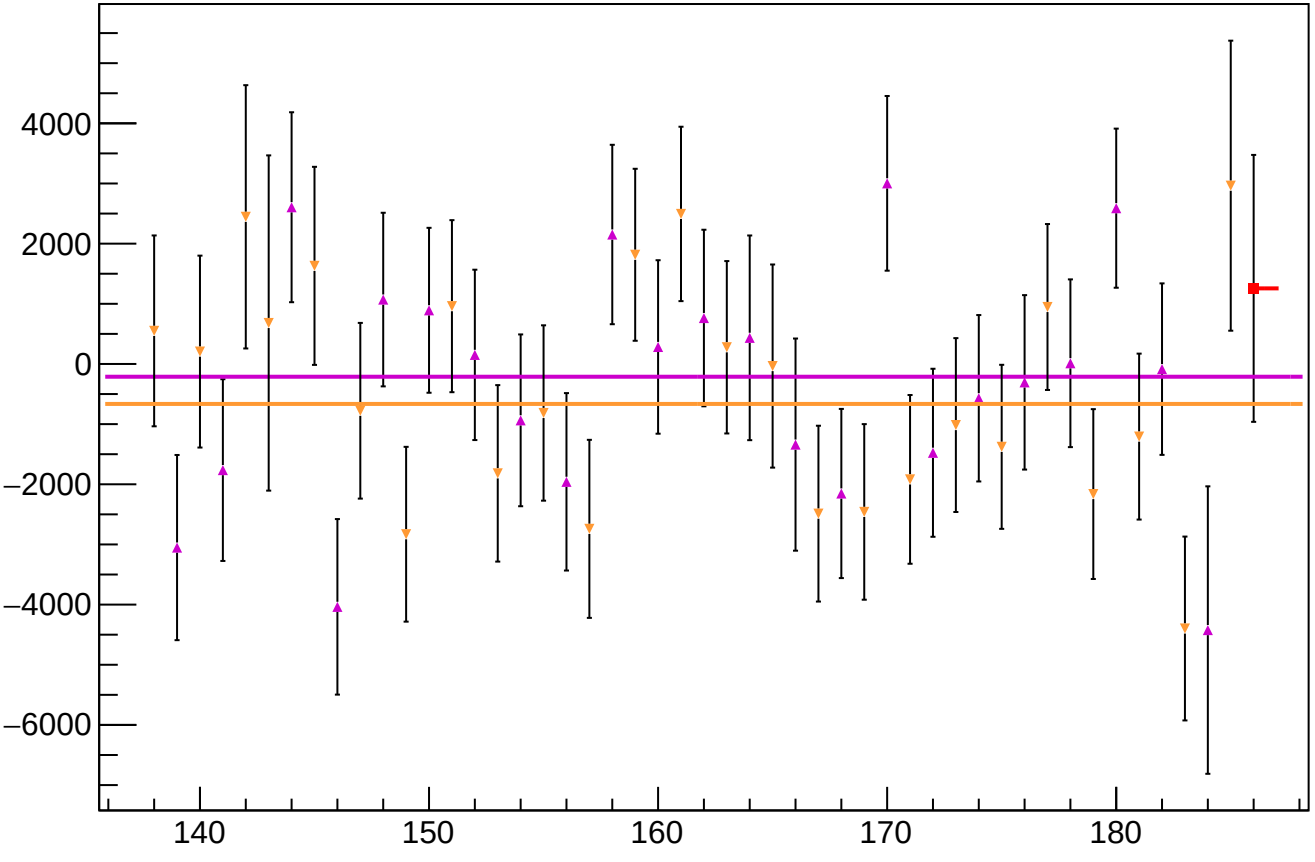
Right: 7393.224+/-8.476 χ^2/NDF: 0.0/0

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

Out: 5108.804+/-0.855 χ^2/NDF:1430076.7/25

All: 5160.918+/-0.618 χ^2/NDF: 2496850.0/48

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 1256.411+/-2218.569 χ^2/NDF: 0.0/0

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

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

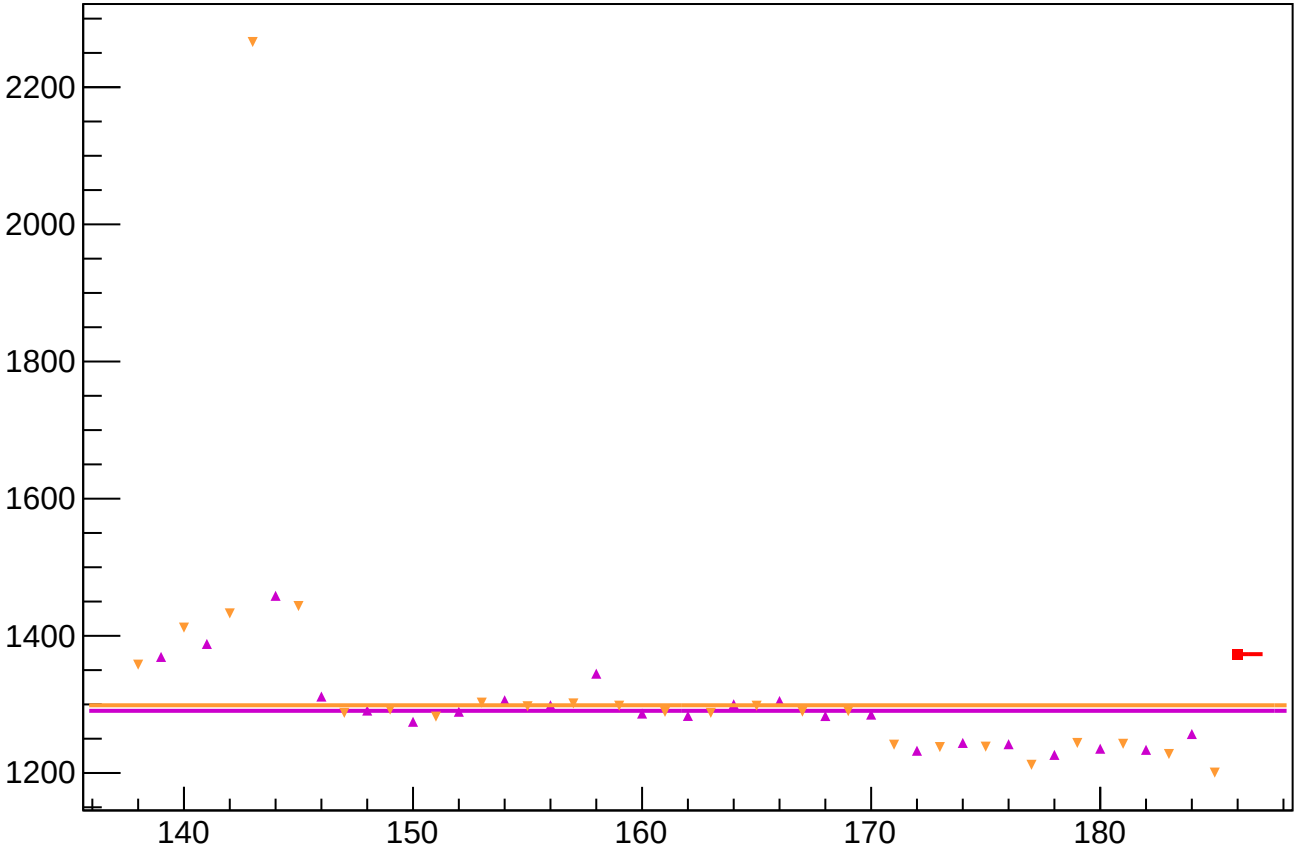
Right: 1256.411+/-2218.569 χ^2/NDF: 0.0/0

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

Out: -628.706+/-302.274 χ^2/NDF:35.3/25

All: -424.701+/-215.941 χ^2/NDF: 72.9/48

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 1373.283+/-1.569 χ^2/NDF: 0.0/0

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

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

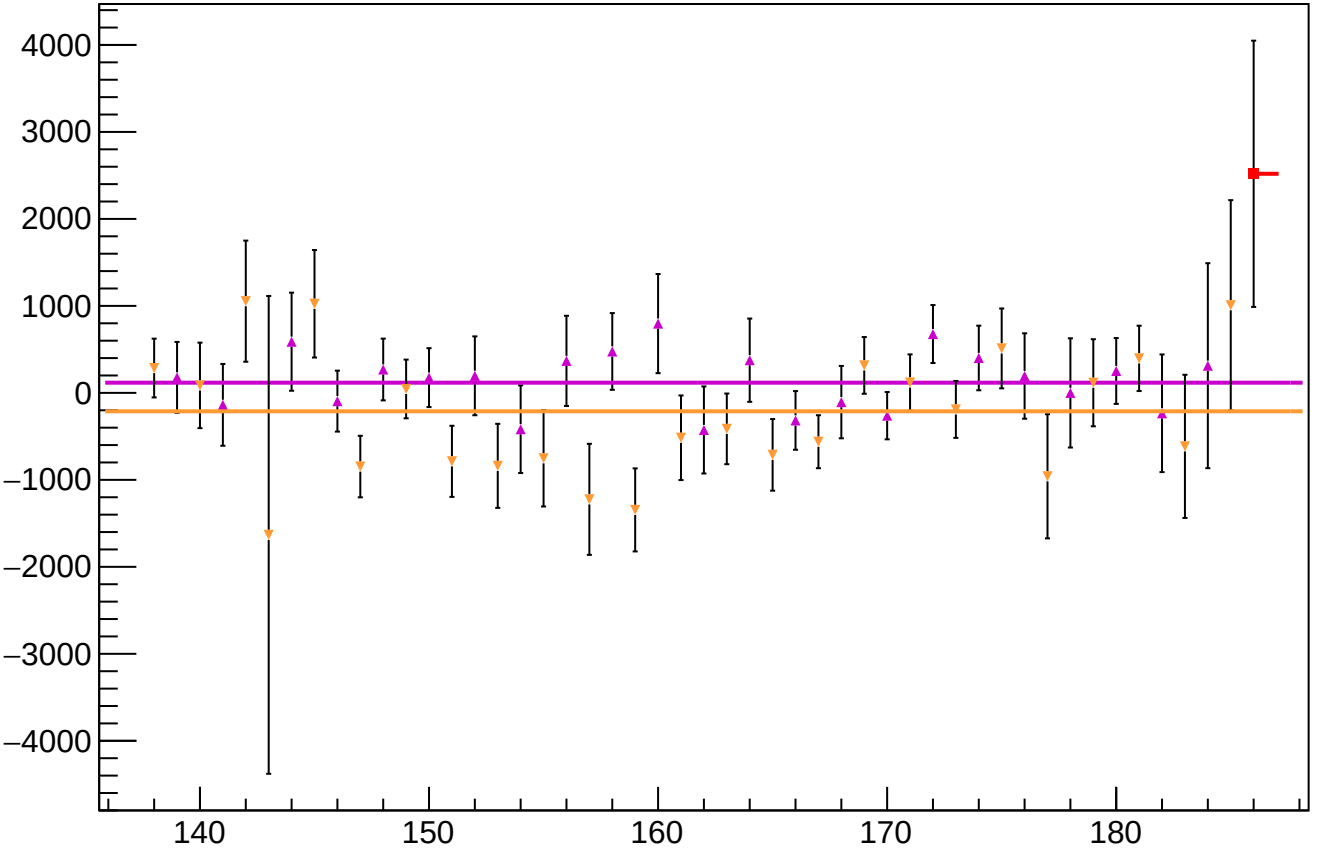
Right: 1373.283+/-1.569 χ^2/NDF: 0.0/0

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

Out: 1300.127+/-0.214 χ^2/NDF:312560.5/25

All: 1295.484+/-0.153 χ^2/NDF: 372952.0/48

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 2518.710+/-1530.477 χ^2/NDF: 0.0/0

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

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

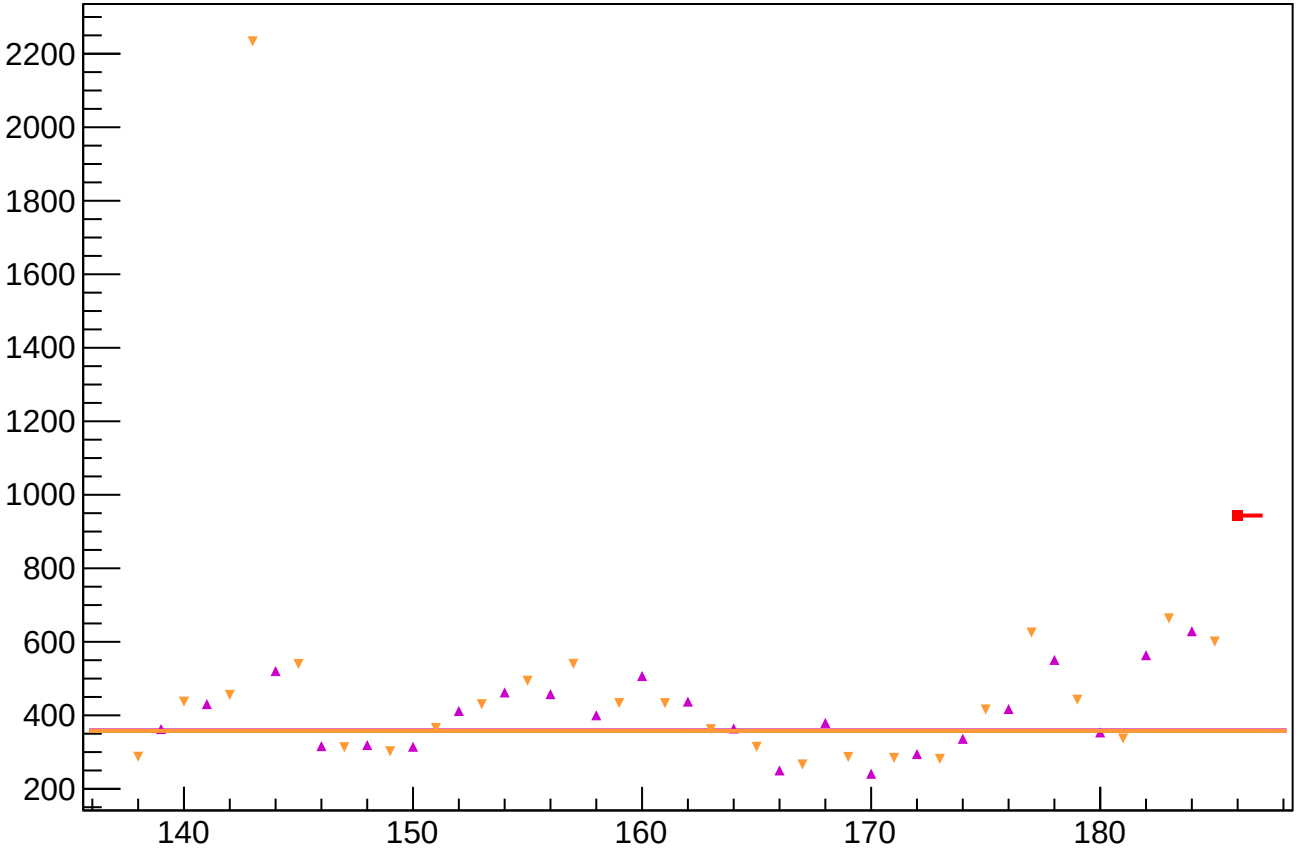
Right: 2518.710+/-1530.477 χ^2/NDF: 0.0/0

In: 117.113+/-88.214 χ^2/NDF:14.3/22

Out: -202.716+/-87.526 χ^2/NDF:44.9/25

All: -44.053+/-62.132 χ^2/NDF: 65.8/48

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 943.558+/-1.082 χ^2/NDF: 0.0/0

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

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

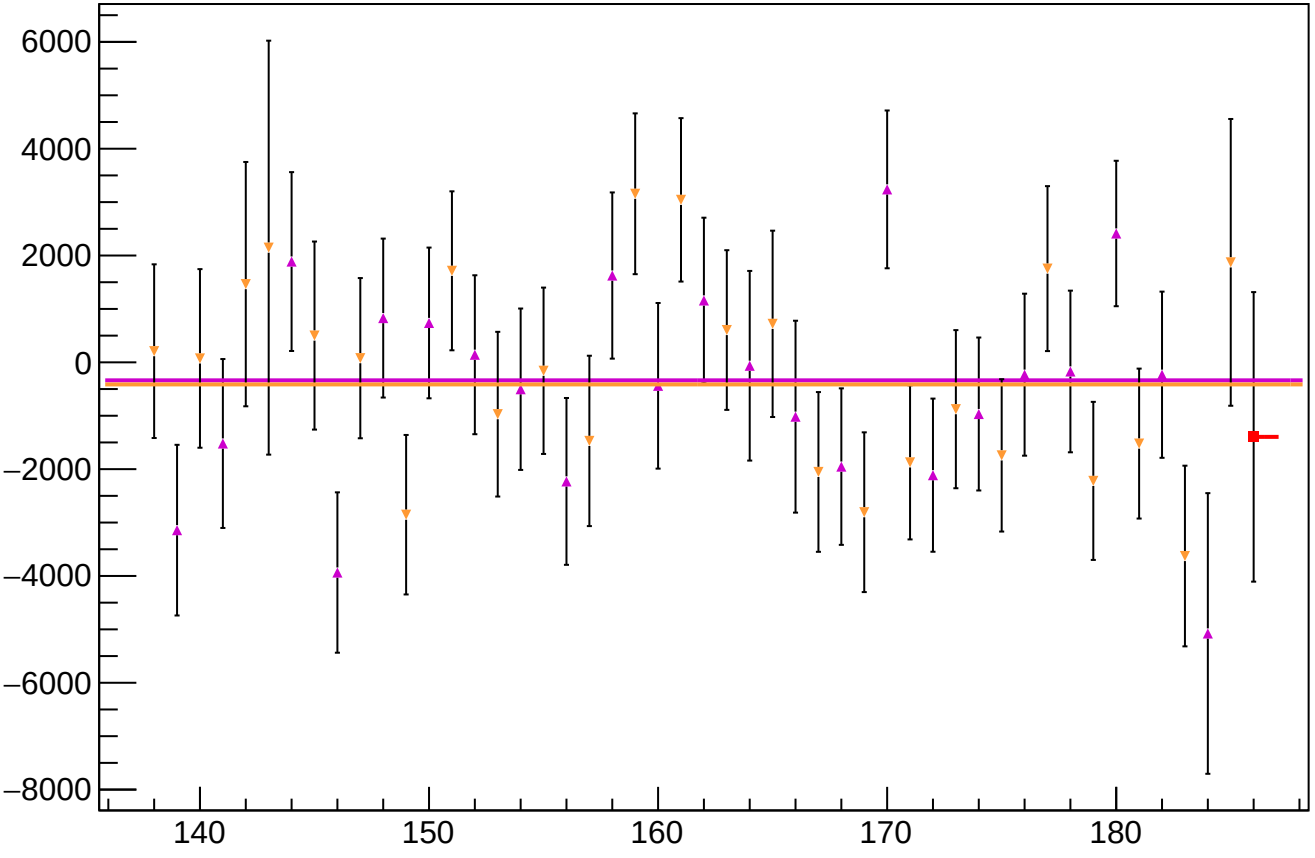
Right: 943.558+/-1.082 χ^2/NDF: 0.0/0

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

Out: 359.665+/-0.062 χ^2/NDF:3334111.2/25

All: 359.335+/-0.044 χ^2/NDF: 5193018.4/48

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: -1395.825+/-2710.818 χ^2/NDF: 0.0/0

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

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

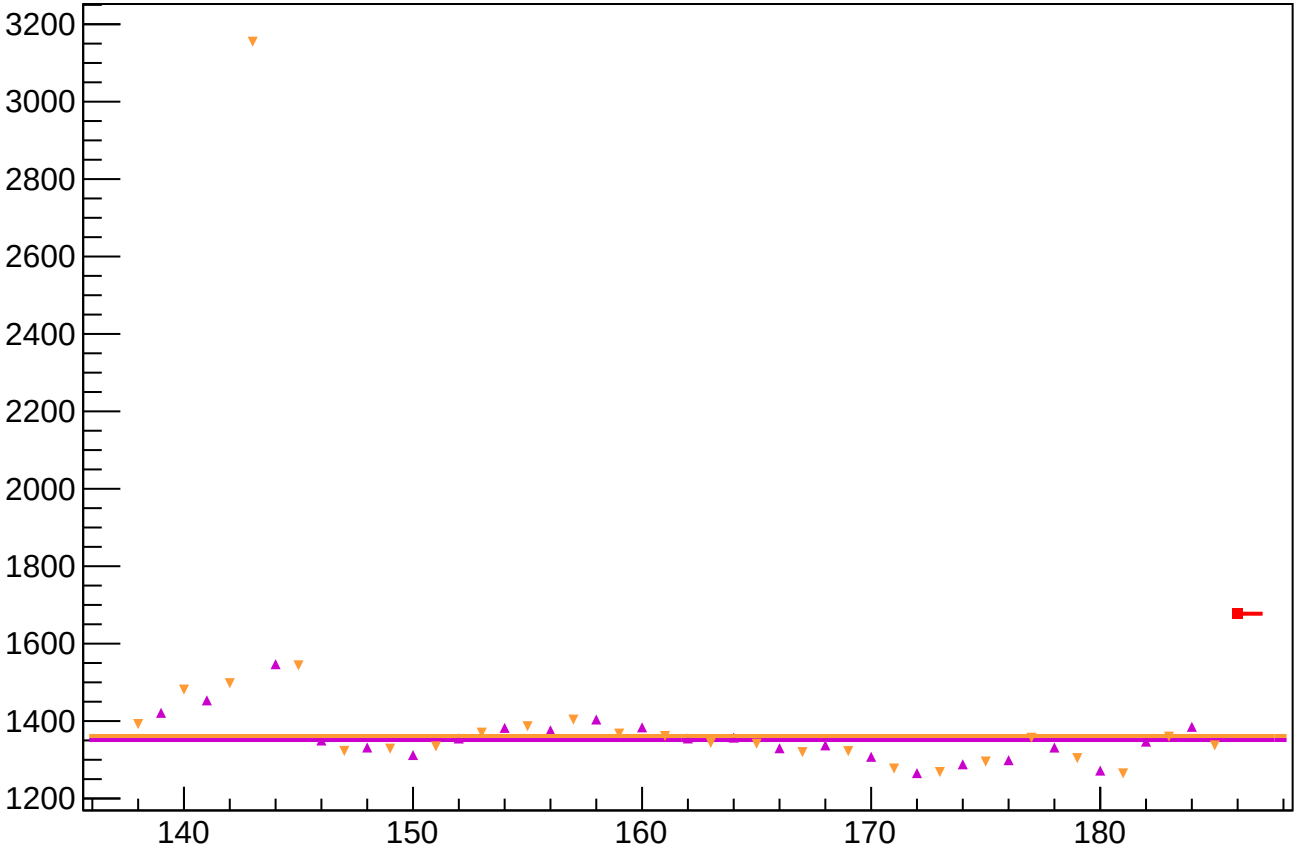
Right: -1395.825+/-2710.818 χ^2/NDF: 0.0/0

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

Out: -426.965+/-318.456 χ^2/NDF:32.9/25

All: -382.718+/-226.780 χ^2/NDF: 65.7/48

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 1677.329+/-1.917 χ^2/NDF: 0.0/0

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

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

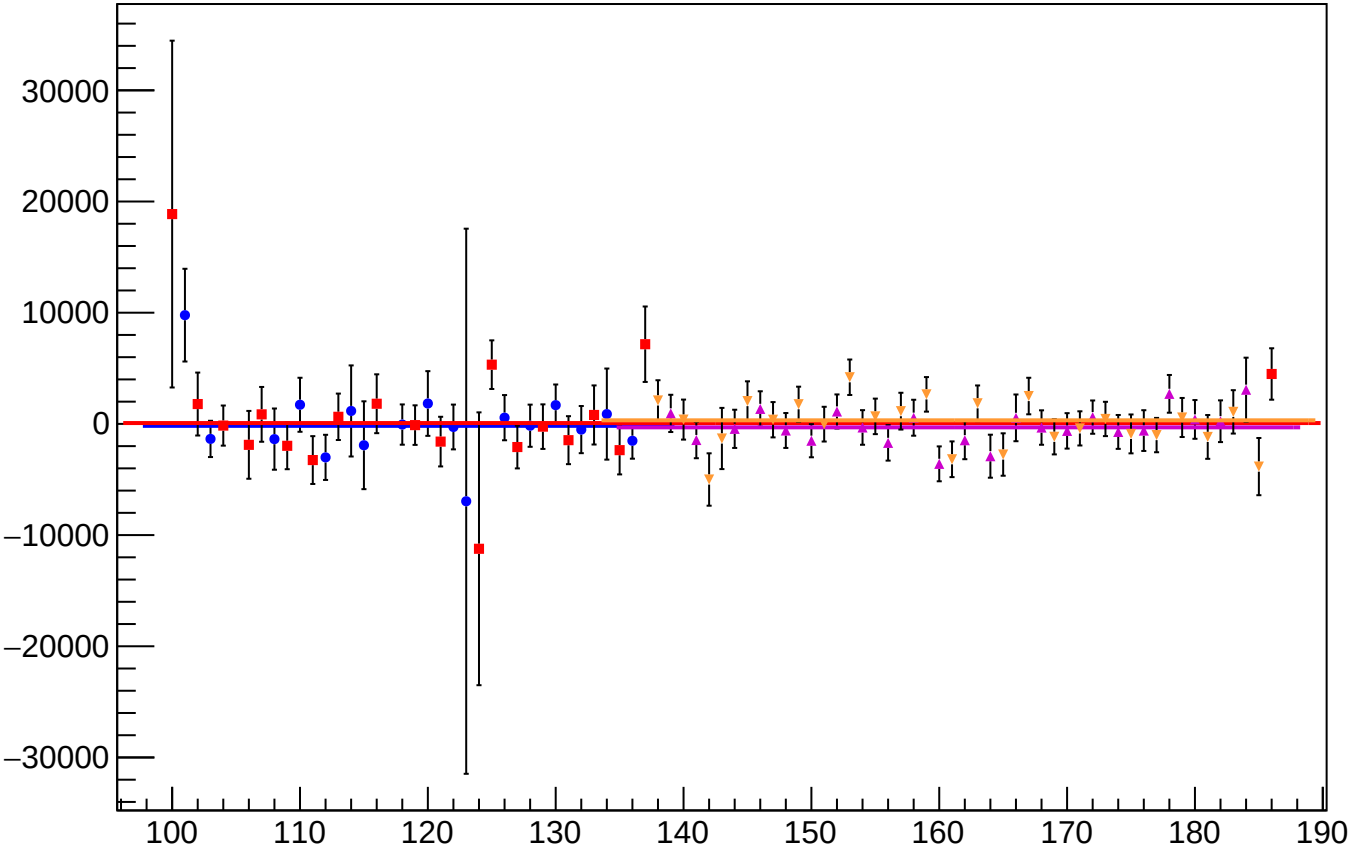
Right: 1677.329+/-1.917 χ^2/NDF: 0.0/0

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

Out: 1365.869+/-0.225 χ^2/NDF:534641.1/25

All: 1358.546+/-0.160 χ^2/NDF: 605764.6/48

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -174.841+/-554.659 χ^2/NDF: 11.8/16

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

Right Out: 75.782+/-525.945 χ^2/NDF: 24.5/19

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

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

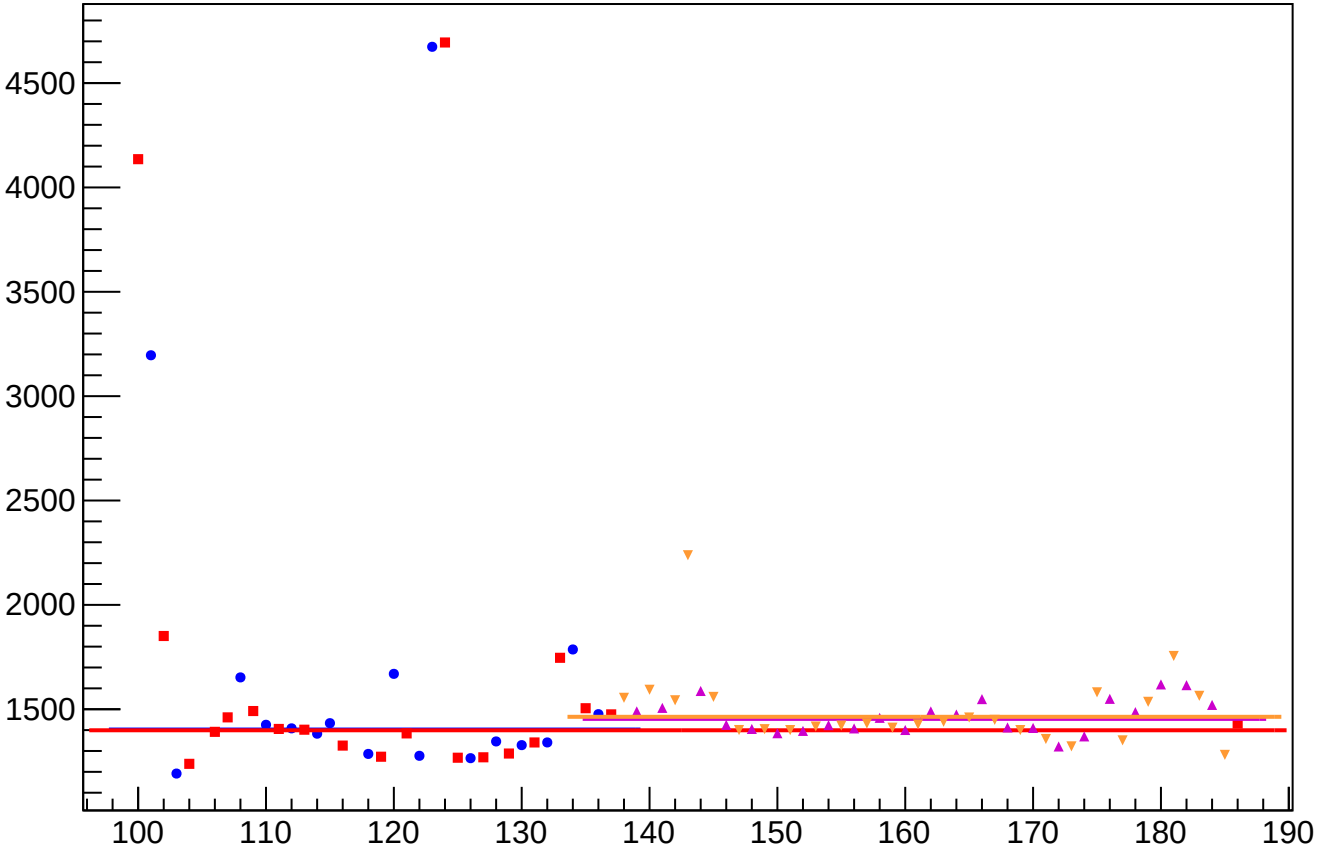
Right: -42.875+/-381.647 χ^2/NDF: 36.4/36

In: -272.375+/-294.961 χ^2/NDF:28.6/39

Out: 246.677+/-288.265 χ^2/NDF:57.1/44

All: -6.891+/-206.161 χ^2/NDF: 87.3/84

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.709+/-0.392 χ^2/NDF: 526326.4/16

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

Right Out: 1399.197+/-0.372 χ^2/NDF: 353774.4/19

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

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

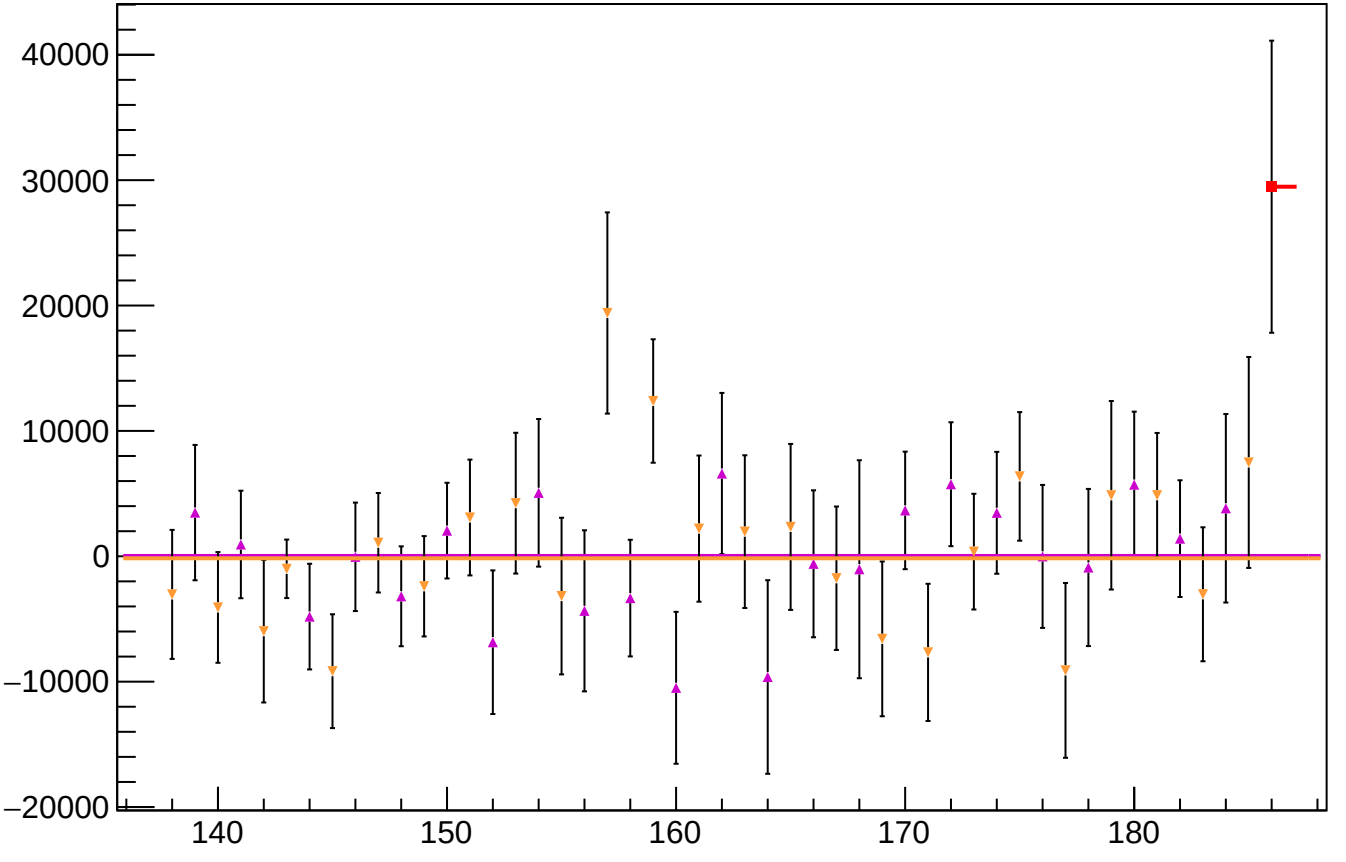
Right: 1400.859+/-0.270 χ^2/NDF: 880143.0/36

In: 1439.325+/-0.209 χ^2/NDF:637703.6/39

Out: 1444.318+/-0.204 χ^2/NDF:685336.2/44

All: 1441.879+/-0.146 χ^2/NDF: 1323333.0/84

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 29476.407+/-11648.911 χ^2/NDF: 0.0/0

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

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

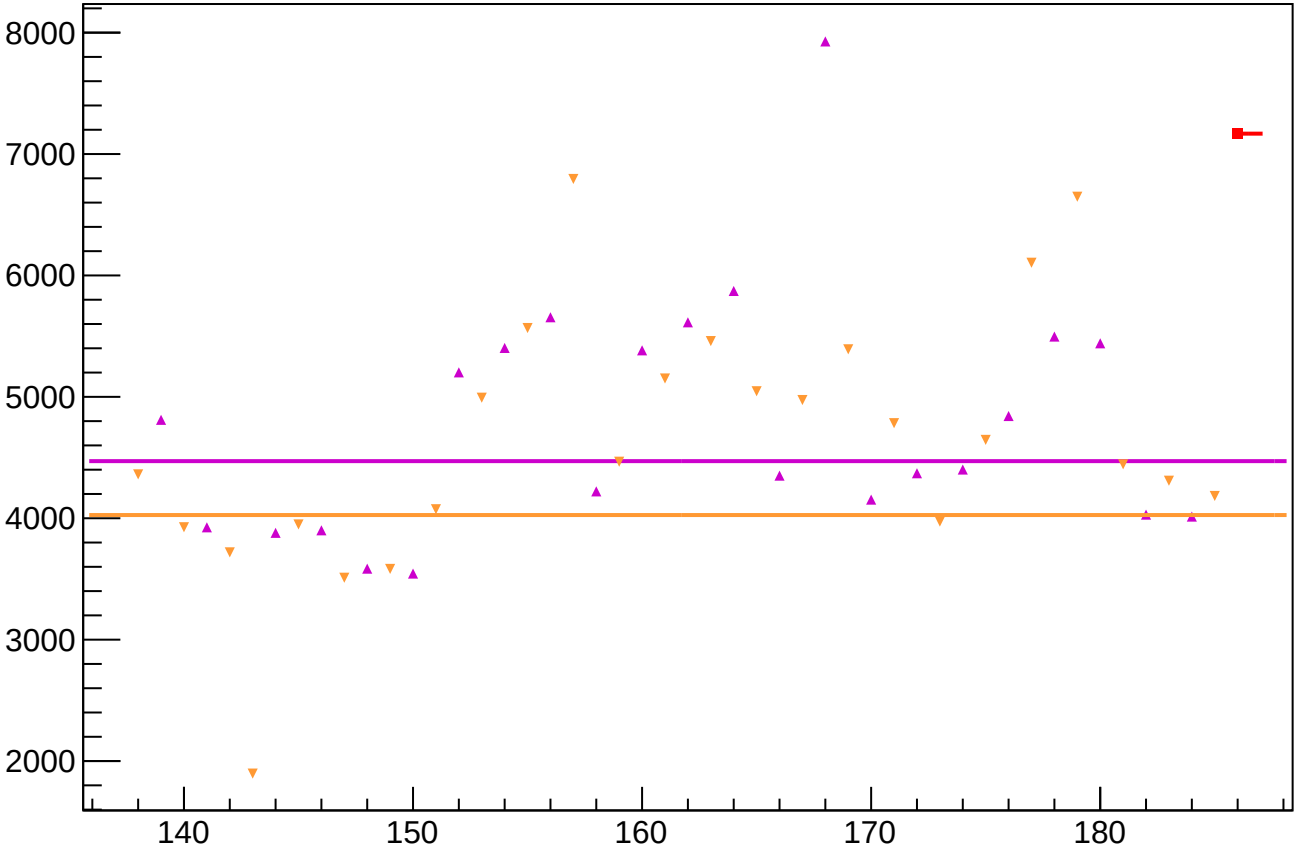
Right: 29476.407+/-11648.911 χ^2/NDF: 0.0/0

In: 26.926+/-1085.415 χ^2/NDF:15.3/22

Out: 52.124+/-985.798 χ^2/NDF:36.2/25

All: 40.734+/-729.747 χ^2/NDF: 51.4/48

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Right Out: 7167.971+/-8.237 χ^2/NDF: 0.0/0

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

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

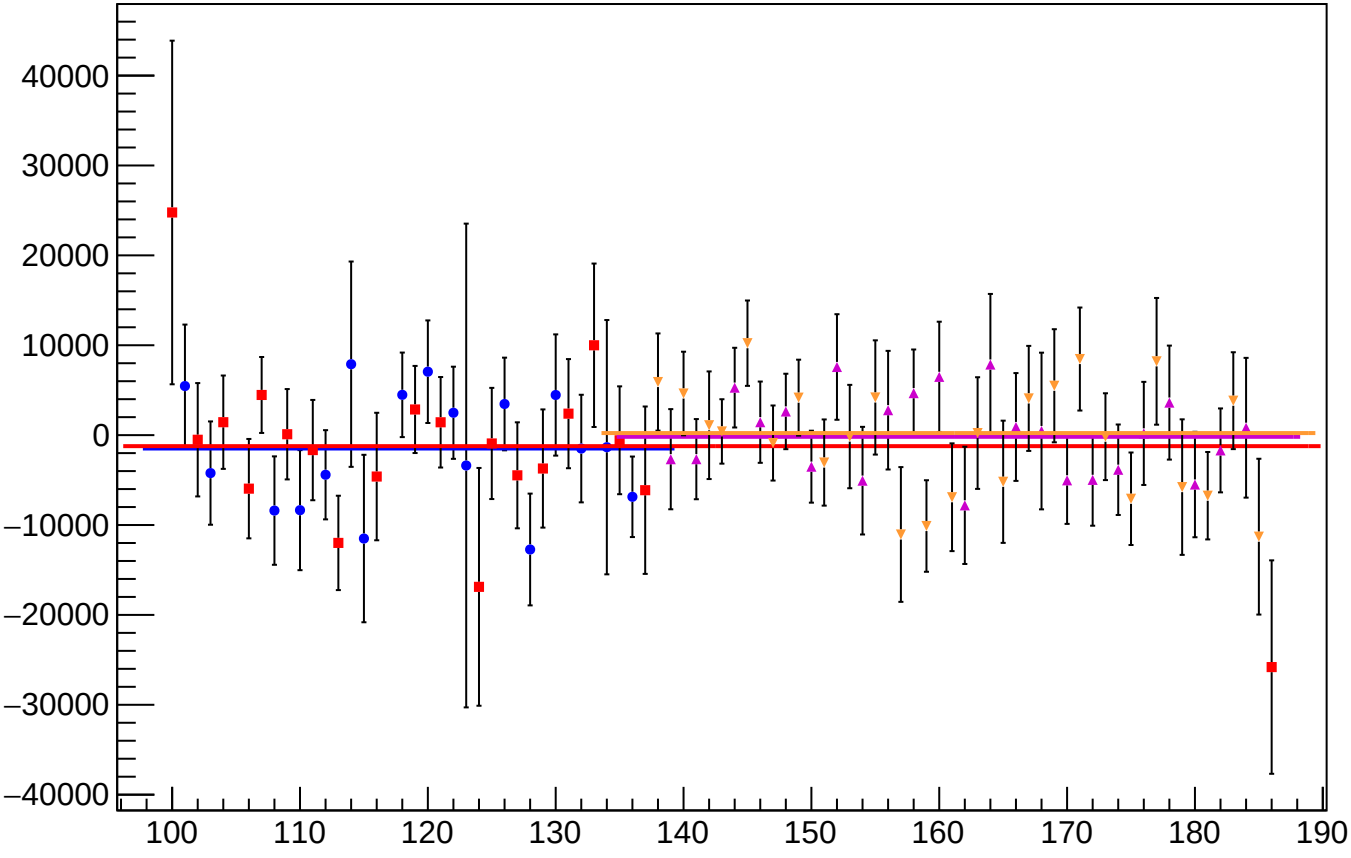
Right: 7167.971+/-8.237 χ^2/NDF: 0.0/0

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

Out: 4048.945+/-0.697 χ^2/NDF:3215682.2/25

All: 4239.490+/-0.516 χ^2/NDF: 4513486.1/48

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1487.038+/-1499.116 χ^2/NDF: 16.7/16

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

Right Out: -1225.698+/-1369.703 χ^2/NDF: 18.5/19

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

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

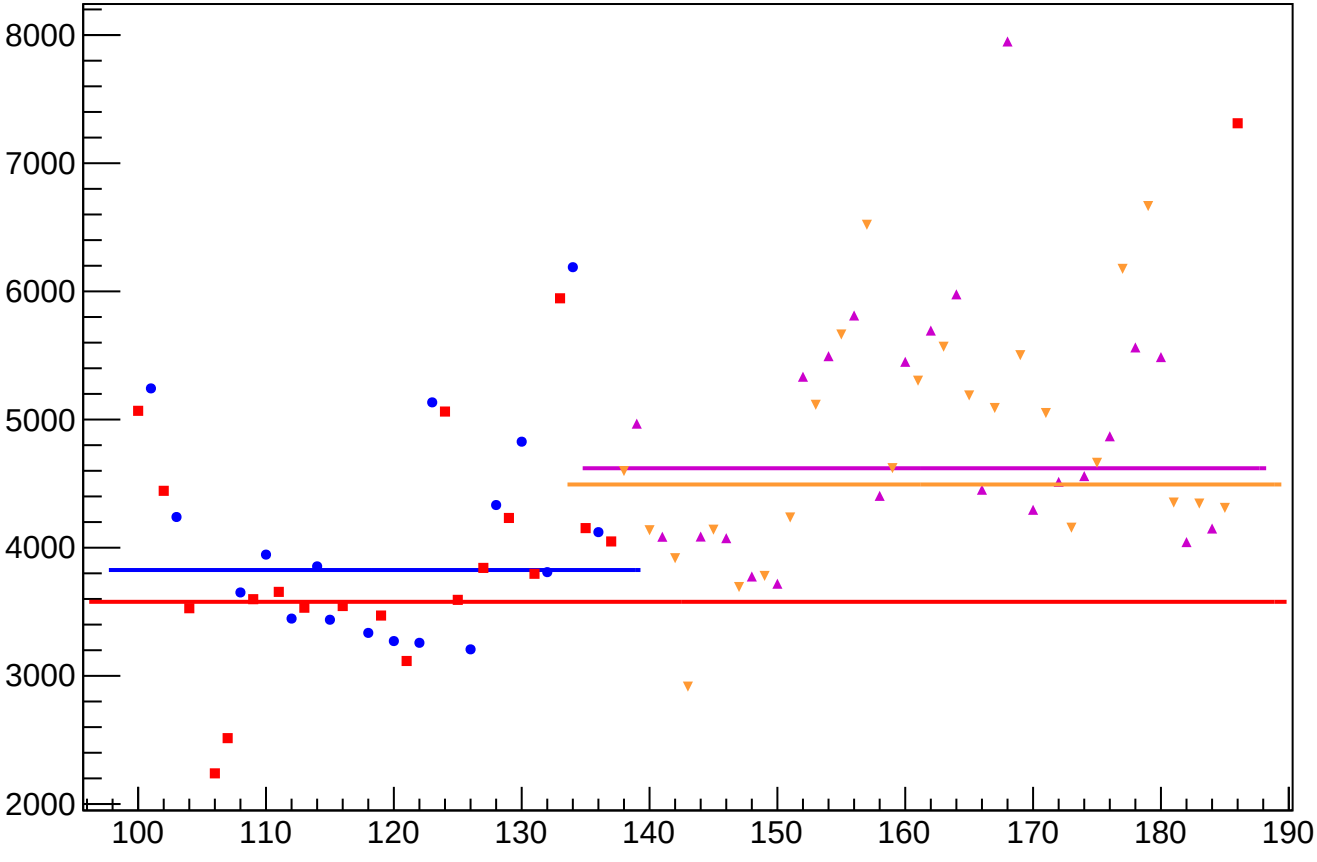
Right: -1344.603+/-1011.188 χ^2/NDF: 35.2/36

In: -651.221+/-896.882 χ^2/NDF:31.4/39

Out: -324.005+/-844.934 χ^2/NDF:47.3/44

All: -477.863+/-615.004 χ^2/NDF: 78.8/84

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3825.844+/-1.060 χ^2/NDF: 334404.3/16

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

Right Out: 3577.745+/-0.960 χ^2/NDF: 755861.2/19

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

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

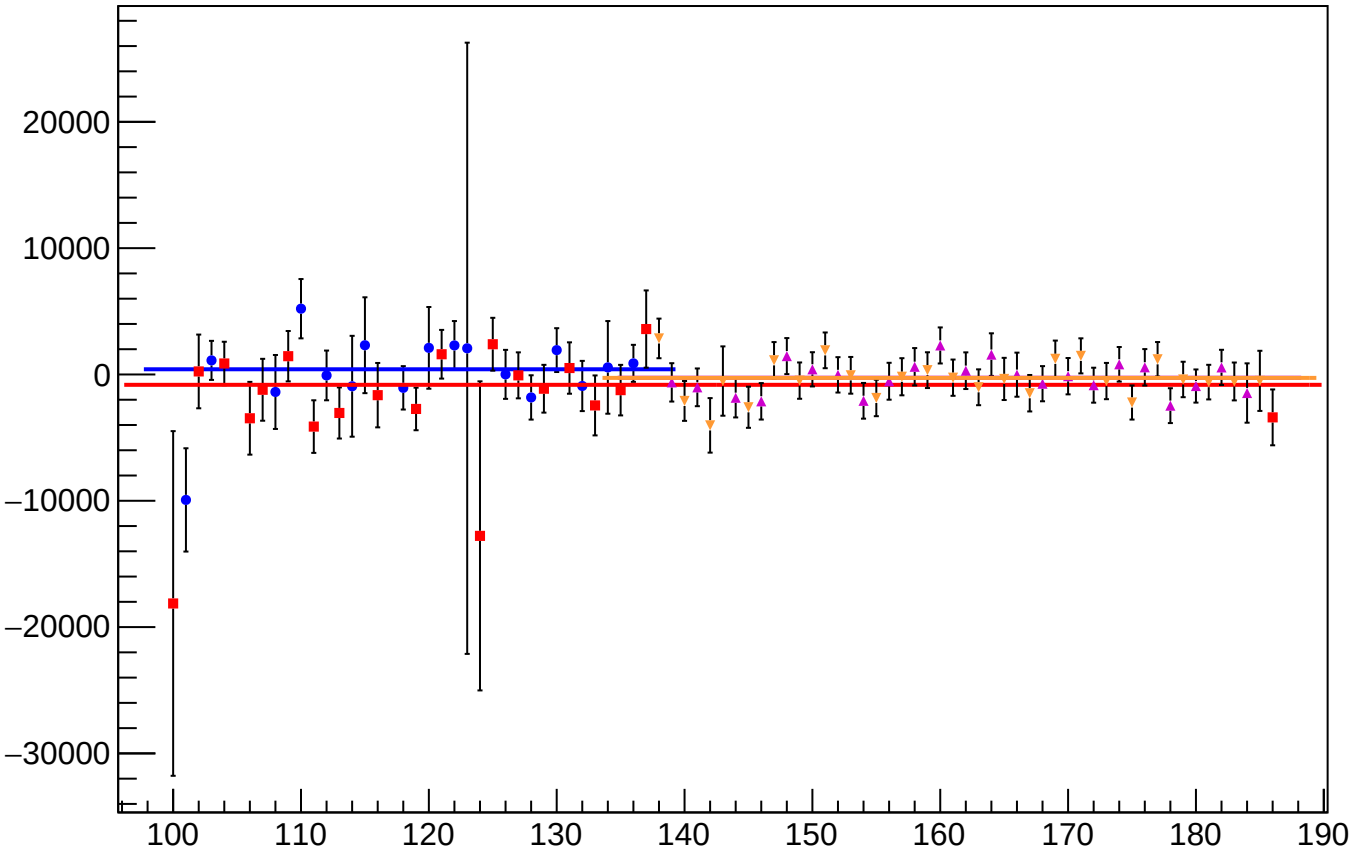
Right: 3689.521+/-0.711 χ^2/NDF: 1120366.2/36

In: 4335.706+/-0.634 χ^2/NDF:1696712.4/39

Out: 4141.012+/-0.595 χ^2/NDF:2624765.1/44

All: 4232.224+/-0.434 χ^2/NDF: 4371571.3/84

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 411.419+/-527.980 χ^2/NDF: 16.5/16

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

Right Out: -819.448+/-497.129 χ^2/NDF: 19.5/19

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

Left: -264.470+/-214.711 χ^2/NDF: 38.2/47

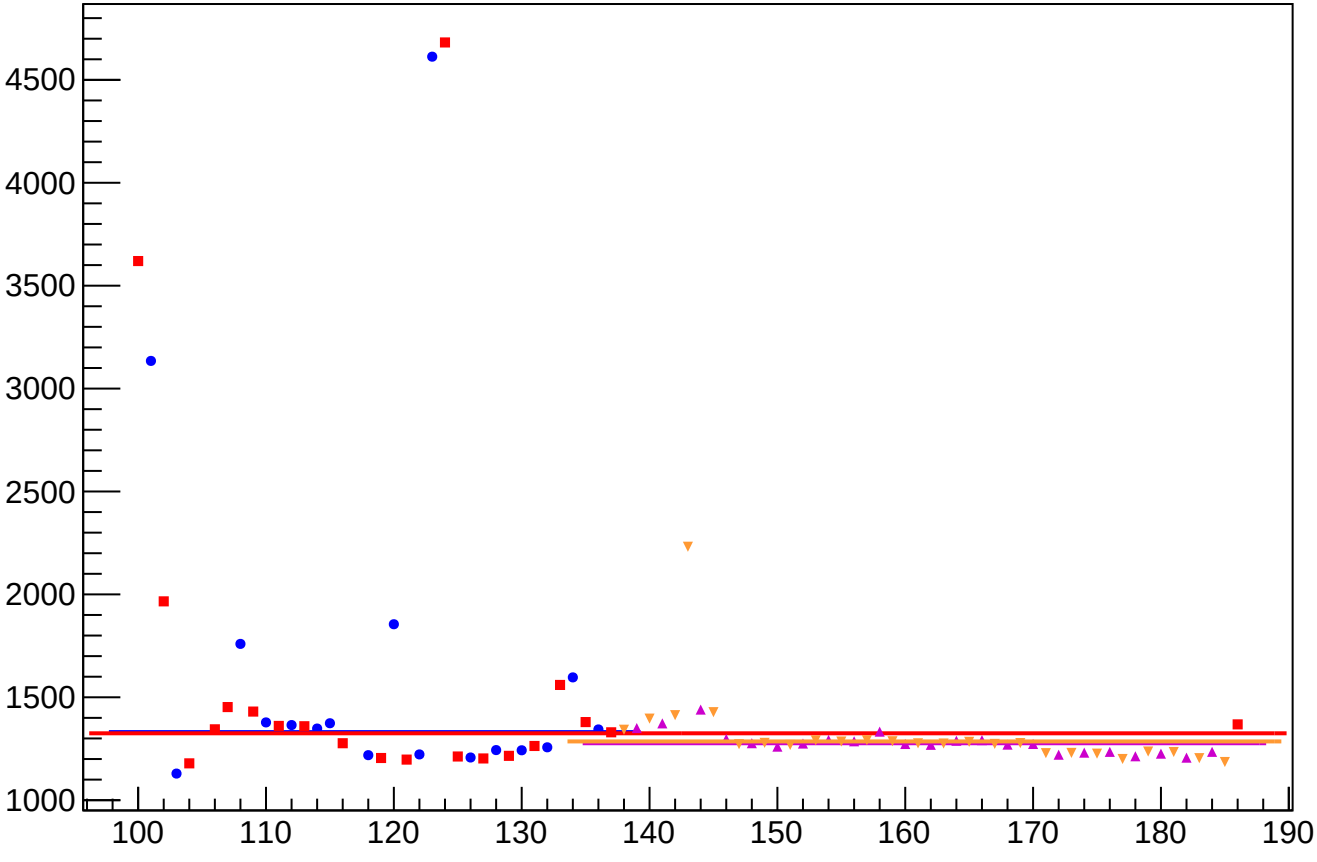
Right: -241.025+/-361.939 χ^2/NDF: 38.9/36

In: -90.480+/-264.289 χ^2/NDF:33.7/39

Out: -418.514+/-258.125 χ^2/NDF:42.5/44

All: -258.367+/-184.663 χ^2/NDF: 77.1/84

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1330.889+/-0.373 χ^2/NDF: 603474.5/16

Left Out: 1285.574+/-0.214 χ^2/NDF:306057.6/24

Right Out: 1325.016+/-0.352 χ^2/NDF: 395224.4/19

Left In: 1276.755+/-0.216 χ^2/NDF:59434.2/22

Left: 1281.212+/-0.152 χ^2/NDF: 366335.3/47

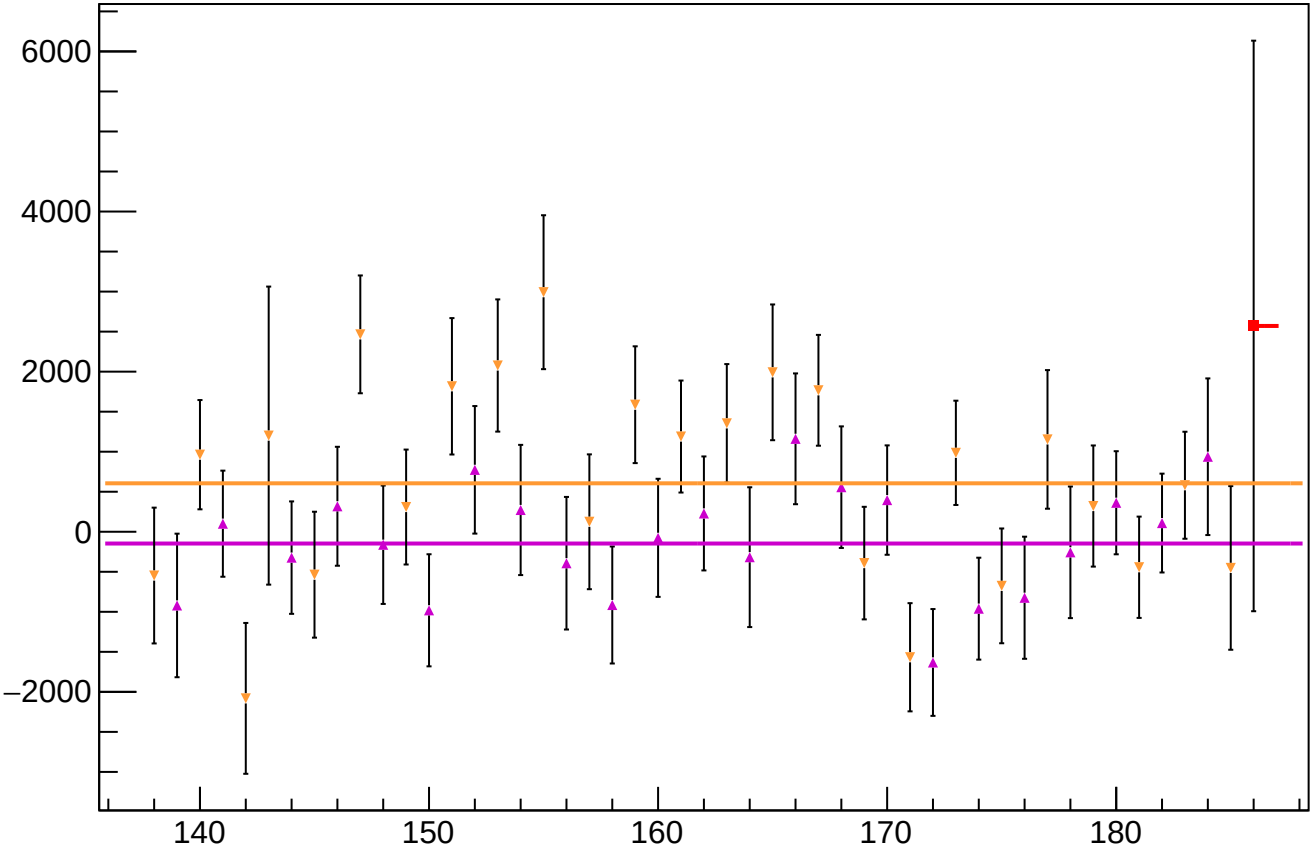
Right: 1327.776+/-0.256 χ^2/NDF: 998830.0/36

In: 1290.319+/-0.187 χ^2/NDF:678665.7/39

Out: 1296.208+/-0.183 χ^2/NDF:710477.1/44

All: 1293.333+/-0.131 χ^2/NDF: 1389651.0/84

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 605.167+/-153.922 χ^2/NDF:60.0/24

Right Out: 2570.869+/-3563.568 χ^2/NDF: 0.0/0

Left In: -147.044+/-154.051 χ^2/NDF:19.4/22

Left: 229.377+/-108.885 χ^2/NDF: 91.3/47

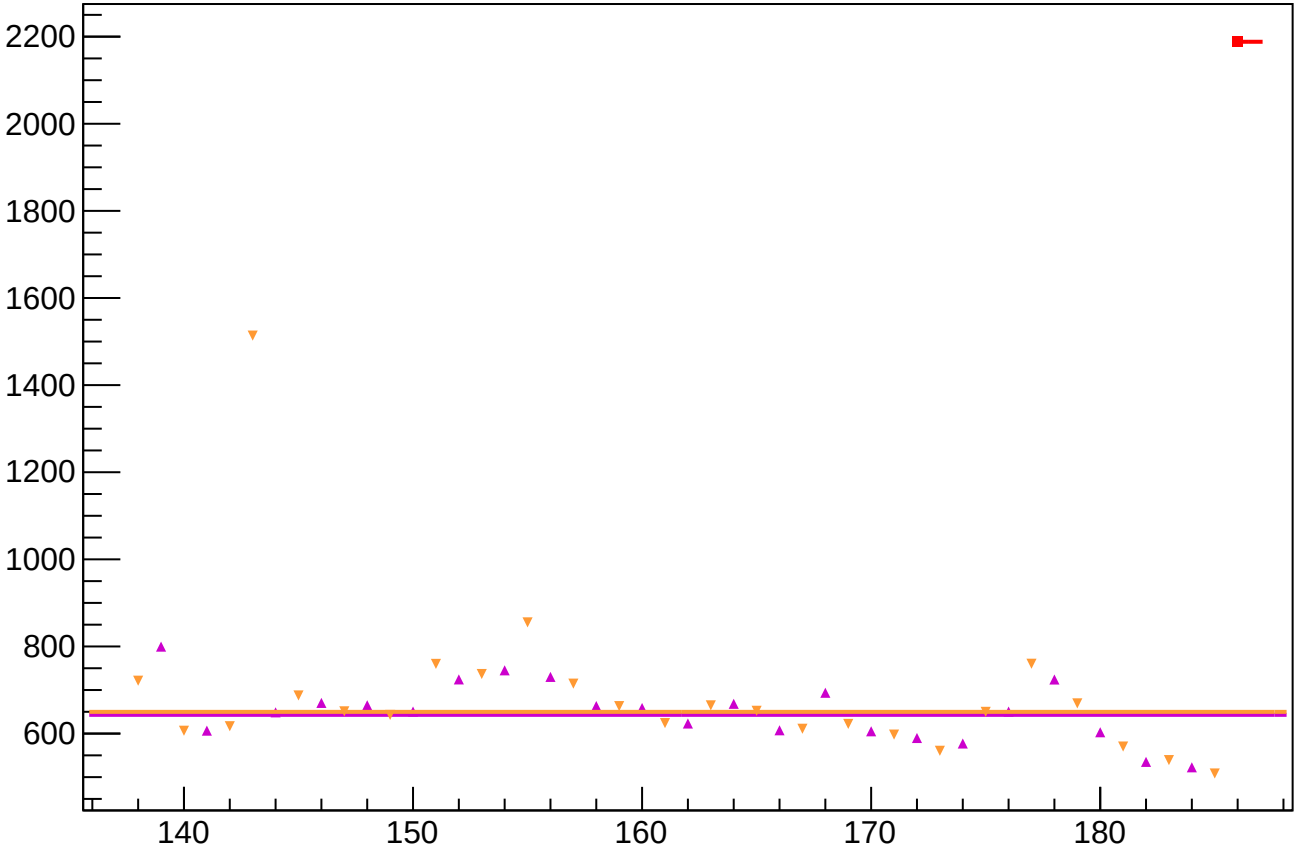
Right: 2570.869+/-3563.568 χ^2/NDF: 0.0/0

In: -147.044+/-154.051 χ^2/NDF:19.4/22

Out: 608.827+/-153.779 χ^2/NDF:60.3/25

All: 231.561+/-108.834 χ^2/NDF: 91.7/48

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 649.866+/-0.109 χ^2/NDF:840823.5/24

Right Out: 2188.242+/-2.520 χ^2/NDF: 0.0/0

Left In: 643.008+/-0.109 χ^2/NDF:323844.6/22

Left: 646.440+/-0.077 χ^2/NDF: 1166651.7/47

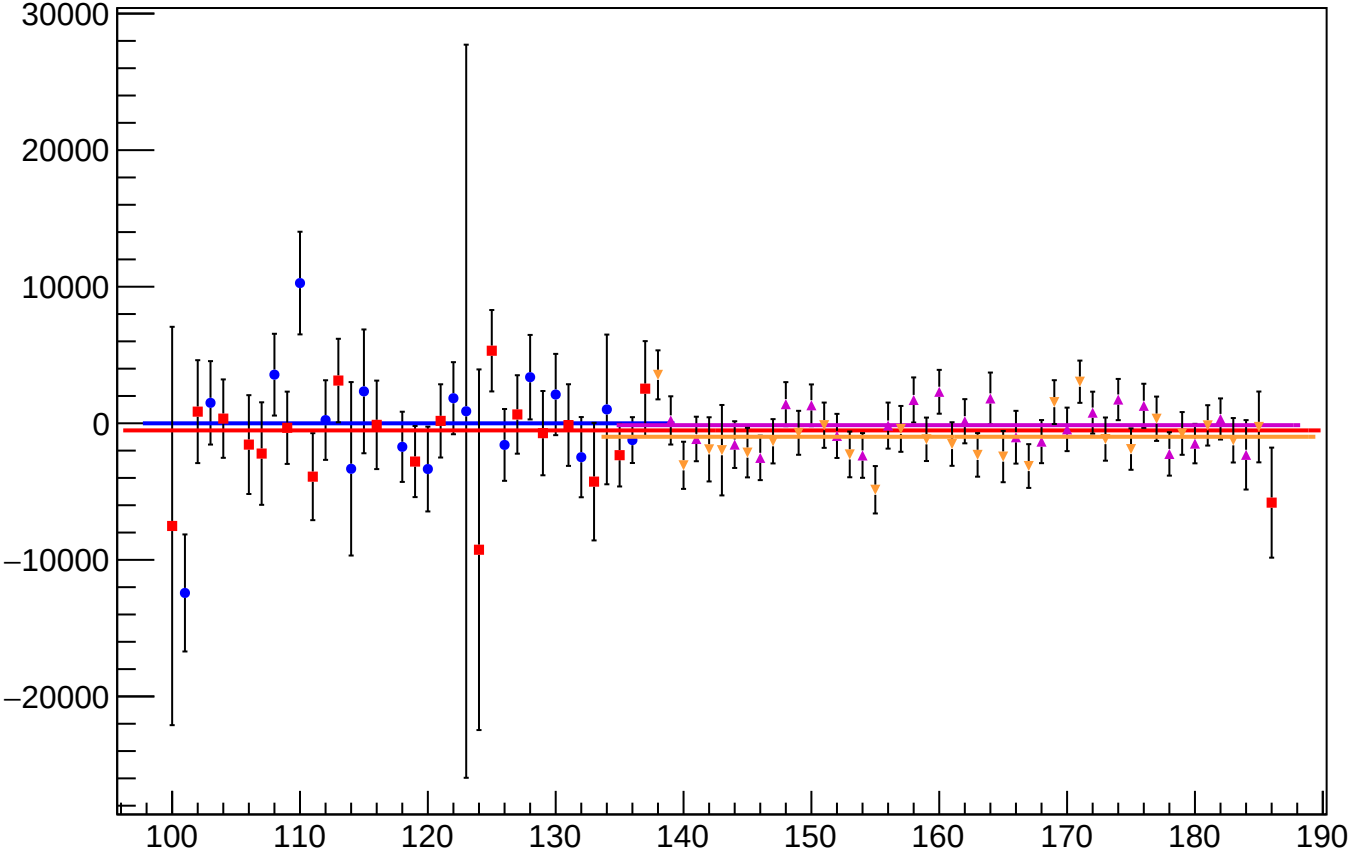
Right: 2188.242+/-2.520 χ^2/NDF: 0.0/0

In: 643.008+/-0.109 χ^2/NDF:323844.6/22

Out: 652.731+/-0.109 χ^2/NDF:1212851.2/25

All: 647.878+/-0.077 χ^2/NDF: 1540686.3/48

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -2.204+/-745.061 χ^2/NDF: 23.5/16

Left Out: -987.247+/-339.757 χ^2/NDF:28.5/24

Right Out: -520.548+/-721.852 χ^2/NDF: 12.5/19

Left In: -137.780+/-342.262 χ^2/NDF:18.8/22

Left: -565.633+/-241.125 χ^2/NDF: 50.4/47

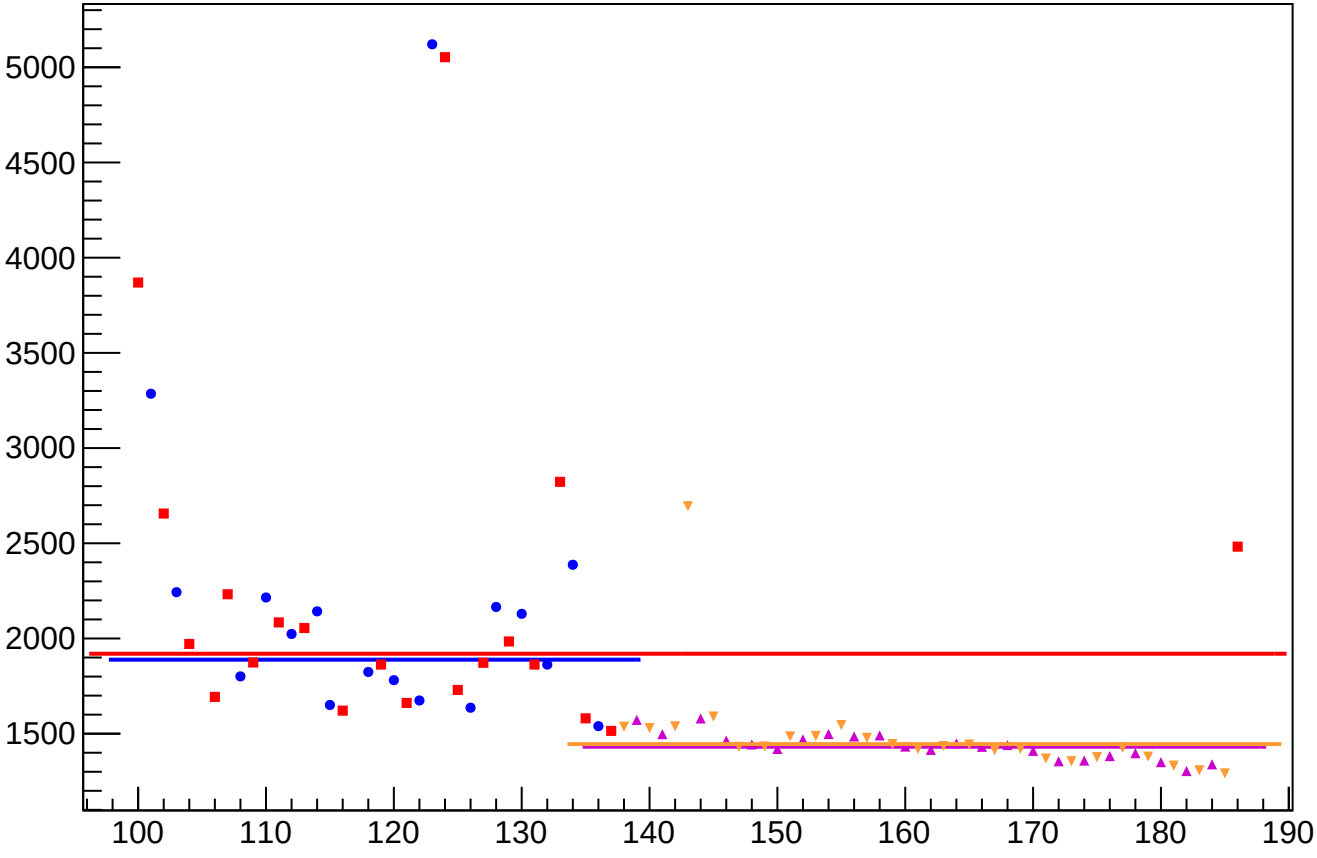
Right: -269.575+/-518.437 χ^2/NDF: 36.2/36

In: -114.155+/-311.015 χ^2/NDF:42.3/39

Out: -902.608+/-307.408 χ^2/NDF:41.3/44

All: -512.980+/-218.635 χ^2/NDF: 86.9/84

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1888.810+/-0.527 χ^2/NDF: 465842.8/16

Left Out: 1445.418+/-0.240 χ^2/NDF:374859.2/24

Right Out: 1919.901+/-0.510 χ^2/NDF: 501697.6/19

Left In: 1431.663+/-0.242 χ^2/NDF:77792.5/22

Left: 1438.591+/-0.171 χ^2/NDF: 454278.6/47

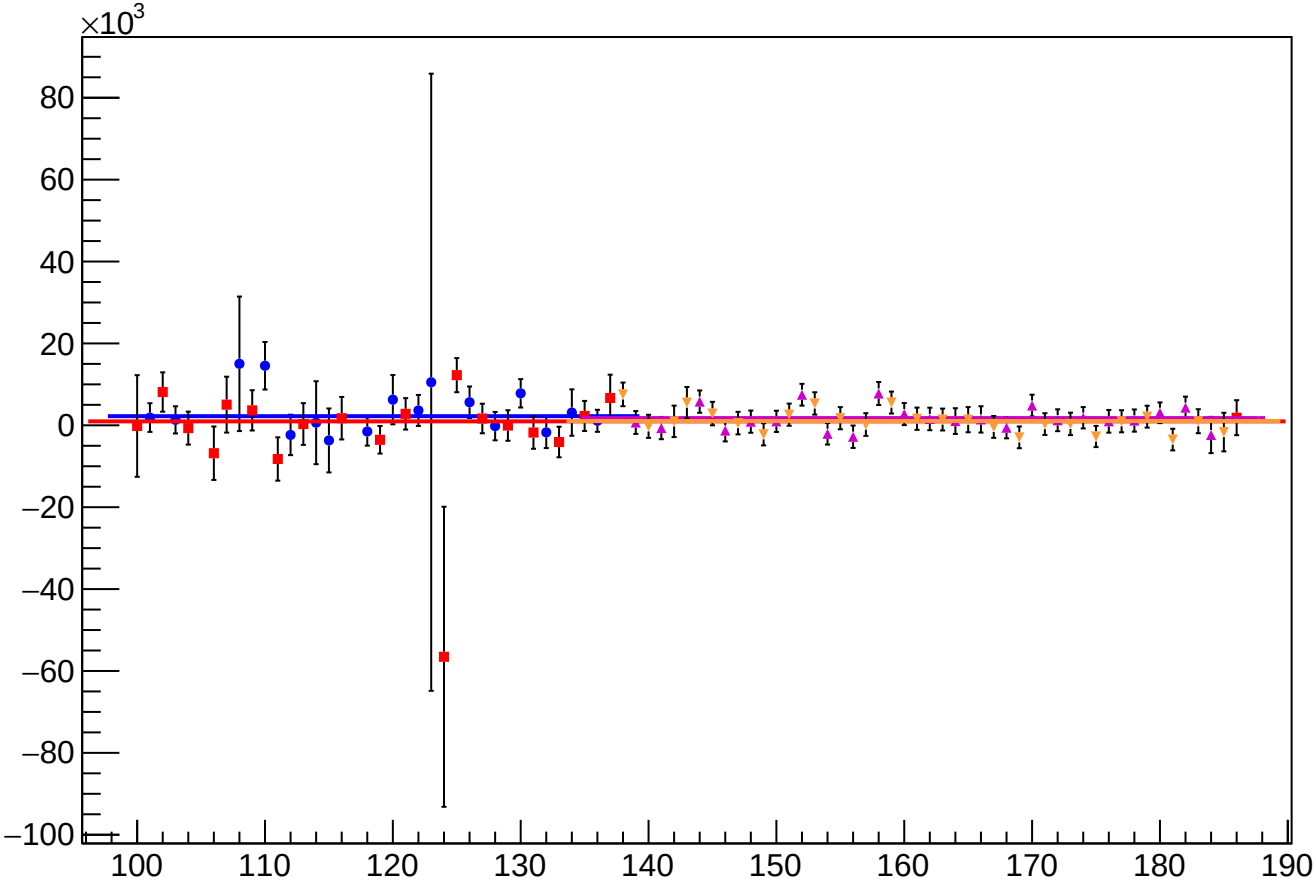
Right: 1904.847+/-0.367 χ^2/NDF: 969336.9/36

In: 1511.323+/-0.220 χ^2/NDF:1165377.8/39

Out: 1531.470+/-0.217 χ^2/NDF:1583980.3/44

All: 1521.514+/-0.155 χ^2/NDF: 2753603.5/84

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2227.517+/-1039.288 χ^2/NDF: 13.6/16

Left Out: 1057.276+/-566.243 χ^2/NDF:22.7/24

Right Out: 961.826+/-1016.804 χ^2/NDF: 22.9/19

Left In: 1762.122+/-574.660 χ^2/NDF:23.2/22

Left: 1404.499+/-403.337 χ^2/NDF: 46.7/47

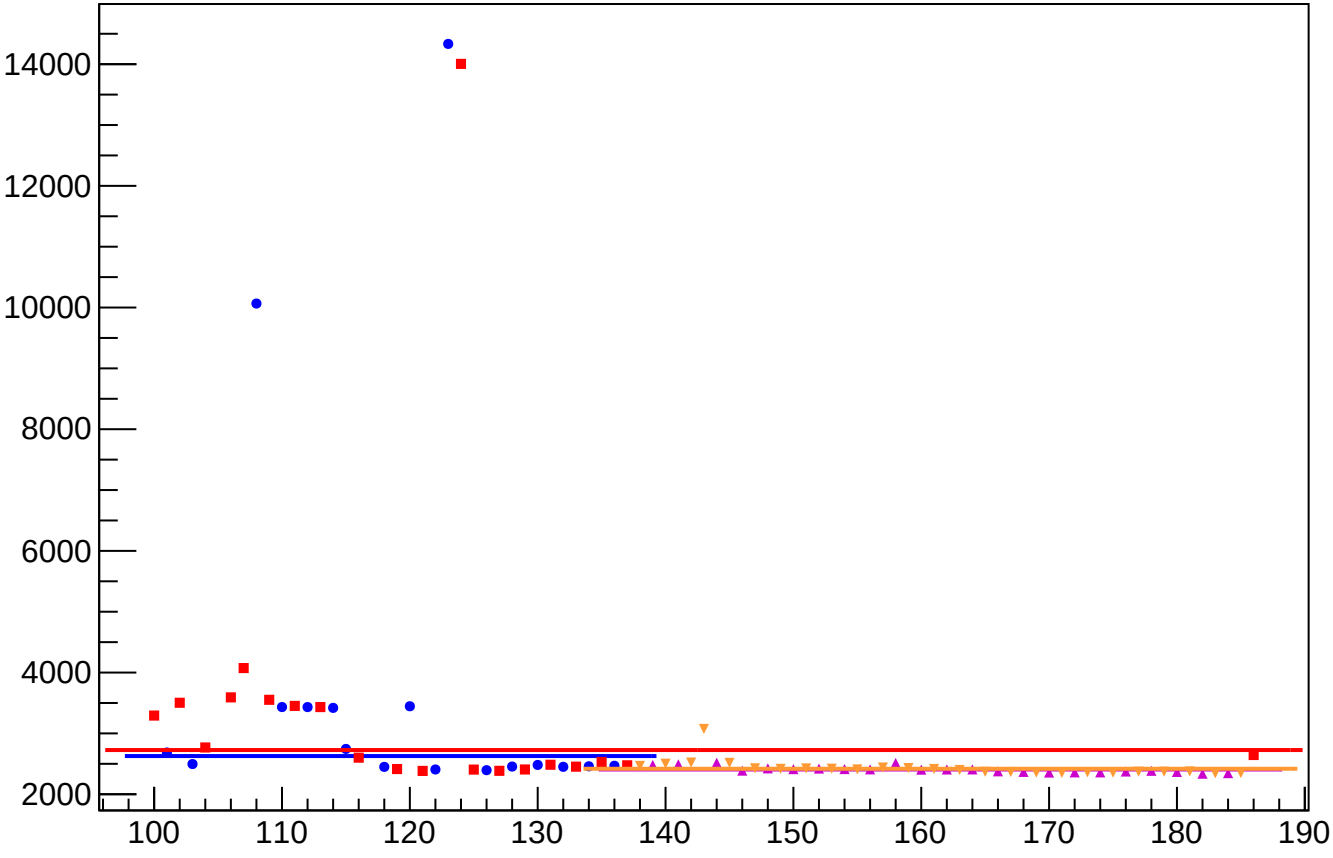
Right: 1580.833+/-726.808 χ^2/NDF: 37.3/36

In: 1871.094+/-502.901 χ^2/NDF:36.9/39

Out: 1034.682+/-494.706 χ^2/NDF:45.6/44

All: 1446.017+/-352.672 χ^2/NDF: 84.0/84

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2627.570+/-0.735 χ^2/NDF: 644396.7/16

Left Out: 2418.972+/-0.400 χ^2/NDF:74779.7/24

Right Out: 2726.373+/-0.719 χ^2/NDF: 598980.5/19

Left In: 2406.443+/-0.406 χ^2/NDF:15245.2/22

Left: 2412.800+/-0.285 χ^2/NDF: 90507.2/47

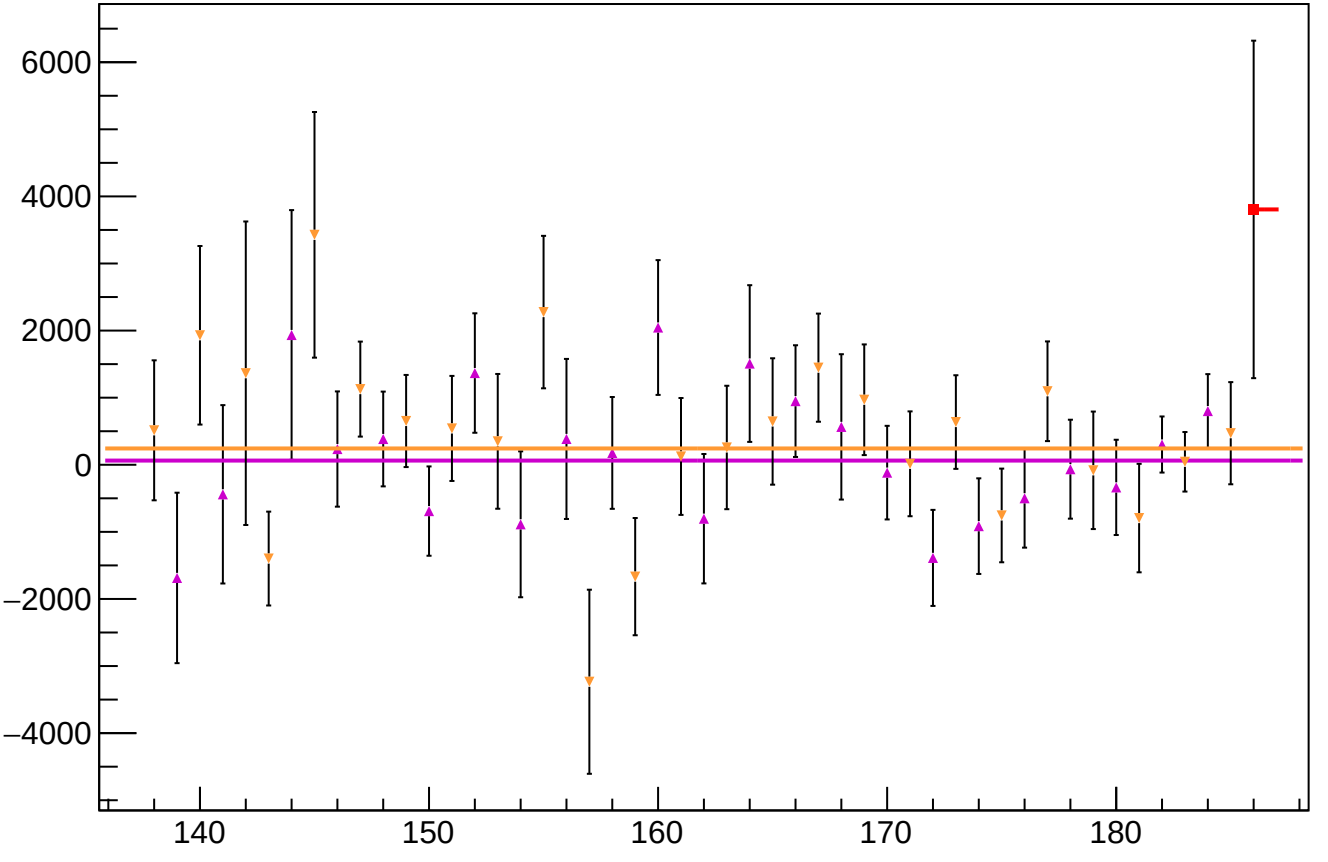
Right: 2678.052+/-0.514 χ^2/NDF: 1252612.8/36

In: 2458.220+/-0.356 χ^2/NDF:728982.0/39

Out: 2491.738+/-0.350 χ^2/NDF:813286.0/44

All: 2475.254+/-0.249 χ^2/NDF: 1546783.0/84

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 243.135+/-163.940 χ^2/NDF:36.0/24

Right Out: 3805.972+/-2515.196 χ^2/NDF: 0.0/0

Left In: 62.569+/-164.169 χ^2/NDF:24.3/22

Left: 152.978+/-116.004 χ^2/NDF: 60.9/47

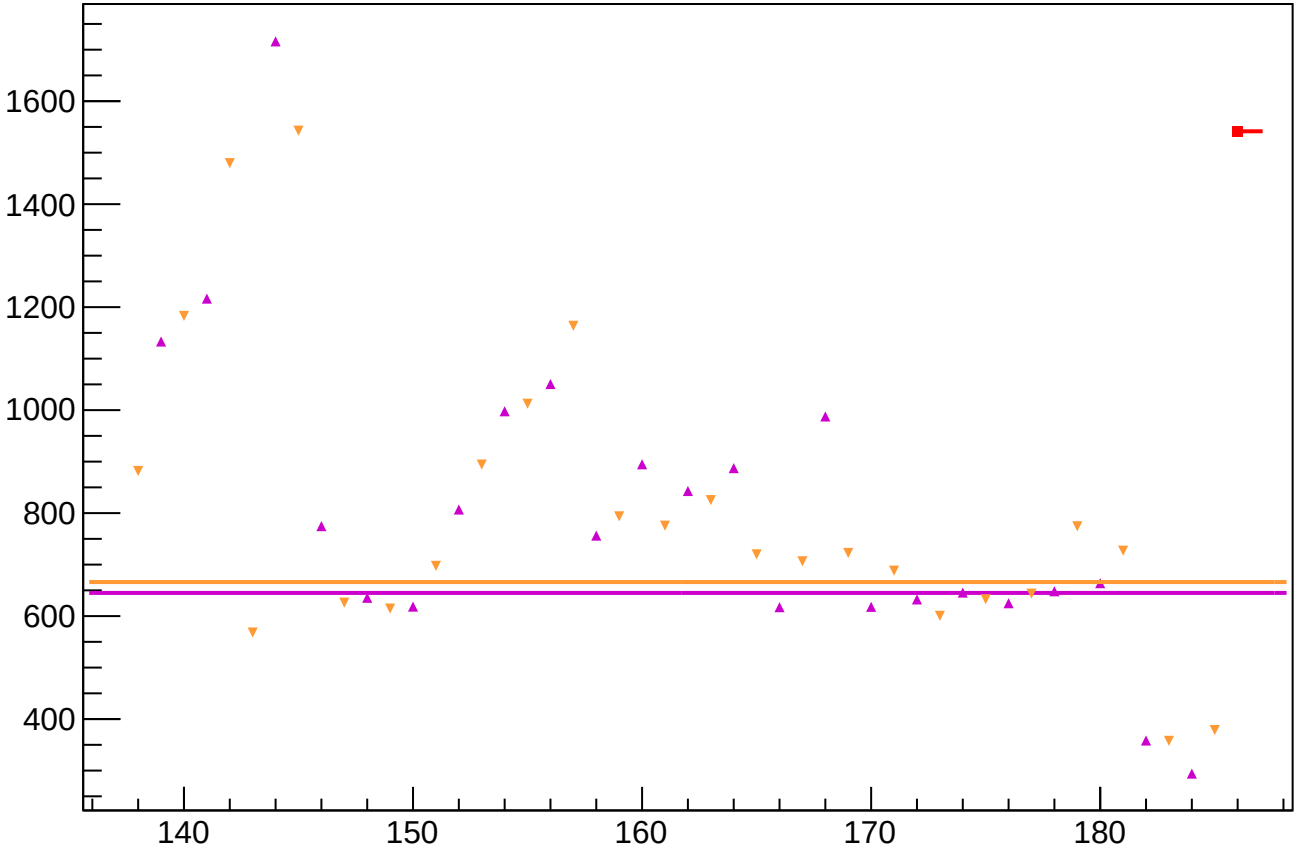
Right: 3805.972+/-2515.196 χ^2/NDF: 0.0/0

In: 62.569+/-164.169 χ^2/NDF:24.3/22

Out: 258.208+/-163.593 χ^2/NDF:38.0/25

All: 160.732+/-115.881 χ^2/NDF: 63.0/48

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 666.133+/-0.116 χ^2/NDF:3190574.7/24

Right Out: 1541.519+/-1.779 χ^2/NDF: 0.0/0

Left In: 645.011+/-0.116 χ^2/NDF:4176295.6/22

Left: 655.587+/-0.082 χ^2/NDF: 7383446.0/47

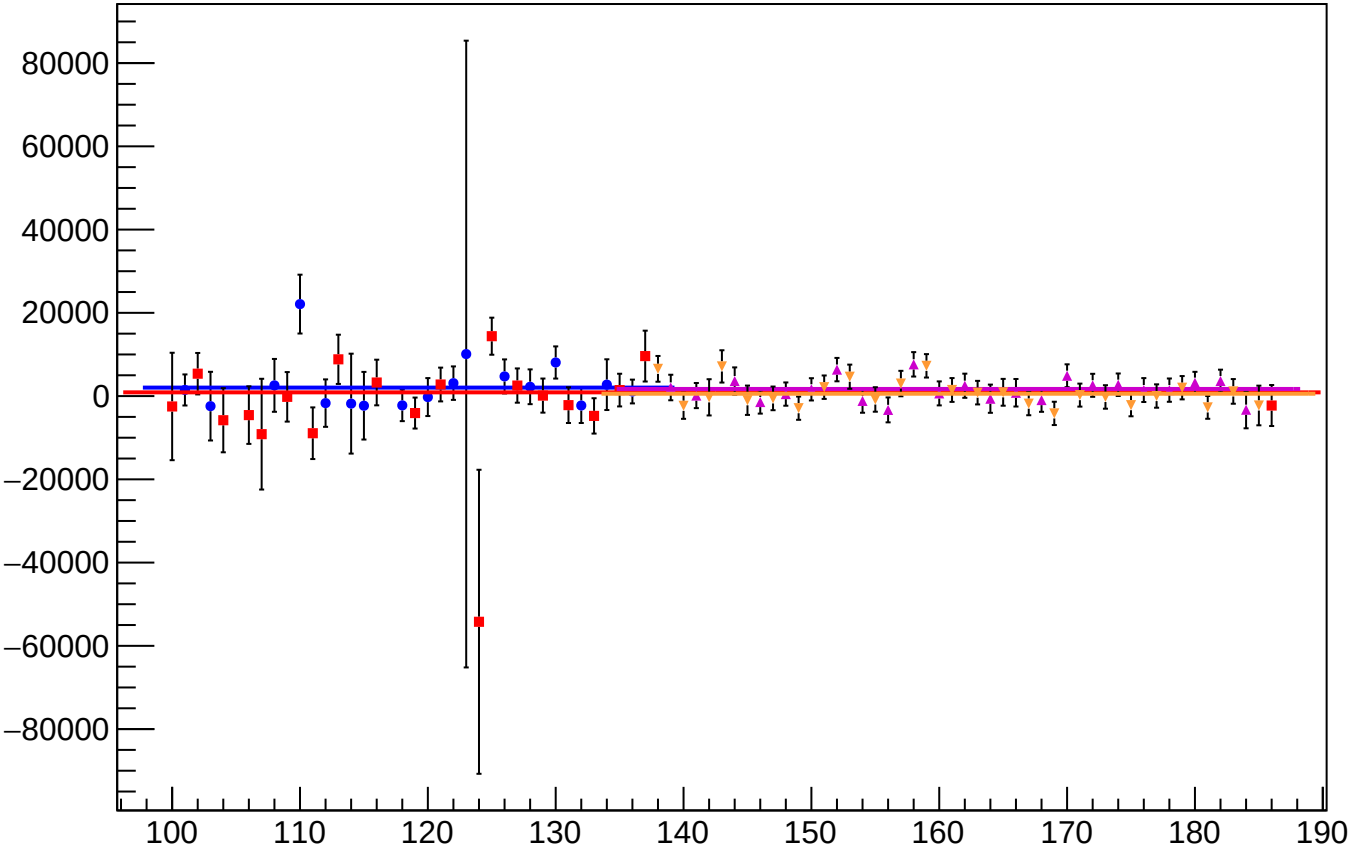
Right: 1541.519+/-1.779 χ^2/NDF: 0.0/0

In: 645.011+/-0.116 χ^2/NDF:4176295.6/22

Out: 669.836+/-0.116 χ^2/NDF:3431811.8/25

All: 657.467+/-0.082 χ^2/NDF: 7631053.6/48

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2037.803+/-1151.419 χ^2/NDF: 14.8/16

Left Out: 566.778+/-598.308 χ^2/NDF:25.2/24

Right Out: 896.536+/-1153.661 χ^2/NDF: 25.8/19

Left In: 1713.317+/-607.775 χ^2/NDF:18.1/22

Left: 1131.048+/-426.375 χ^2/NDF: 45.0/47

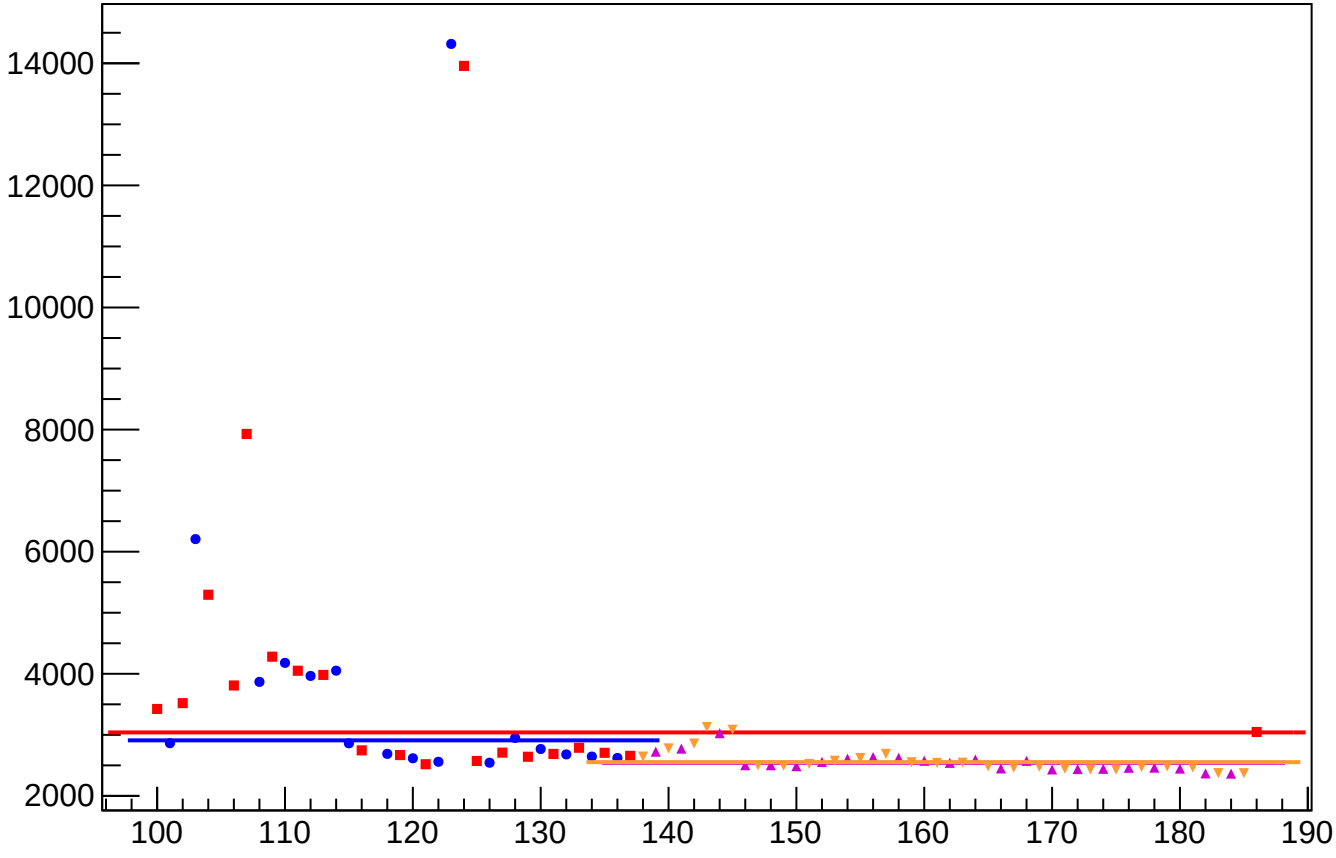
Right: 1468.280+/-814.968 χ^2/NDF: 41.1/36

In: 1784.026+/-537.491 χ^2/NDF:33.0/39

Out: 636.672+/-531.129 χ^2/NDF:51.0/44

All: 1203.518+/-377.794 χ^2/NDF: 86.3/84

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2909.732+/-0.814 χ^2/NDF: 641894.7/16

Left Out: 2553.097+/-0.423 χ^2/NDF:148430.5/24

Right Out: 3039.572+/-0.816 χ^2/NDF: 1011311.9/19

Left In: 2541.950+/-0.430 χ^2/NDF:97238.4/22

Left: 2547.611+/-0.301 χ^2/NDF: 246010.6/47

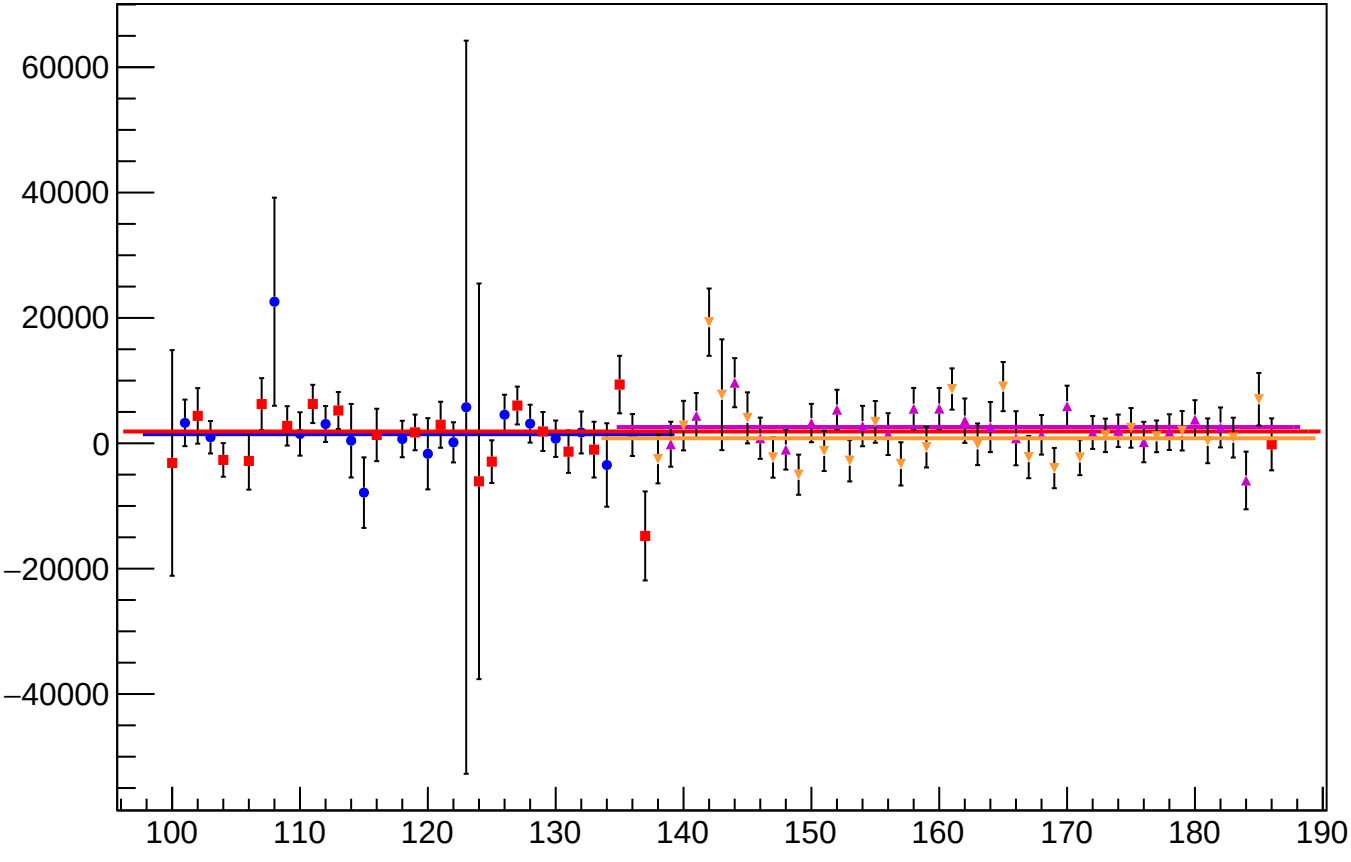
Right: 2974.526+/-0.576 χ^2/NDF: 1665897.8/36

In: 2622.093+/-0.380 χ^2/NDF:898722.0/39

Out: 2656.208+/-0.376 χ^2/NDF:1439992.7/44

All: 2639.353+/-0.267 χ^2/NDF: 2342791.1/84

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: 807.297+/-677.513 χ^2/NDF:39.1/24

Right Out: 1882.788+/-833.148 χ^2/NDF: 22.6/19

Left In: 2595.551+/-683.824 χ^2/NDF:14.0/22

Left: 1693.134+/-481.290 χ^2/NDF: 56.6/47

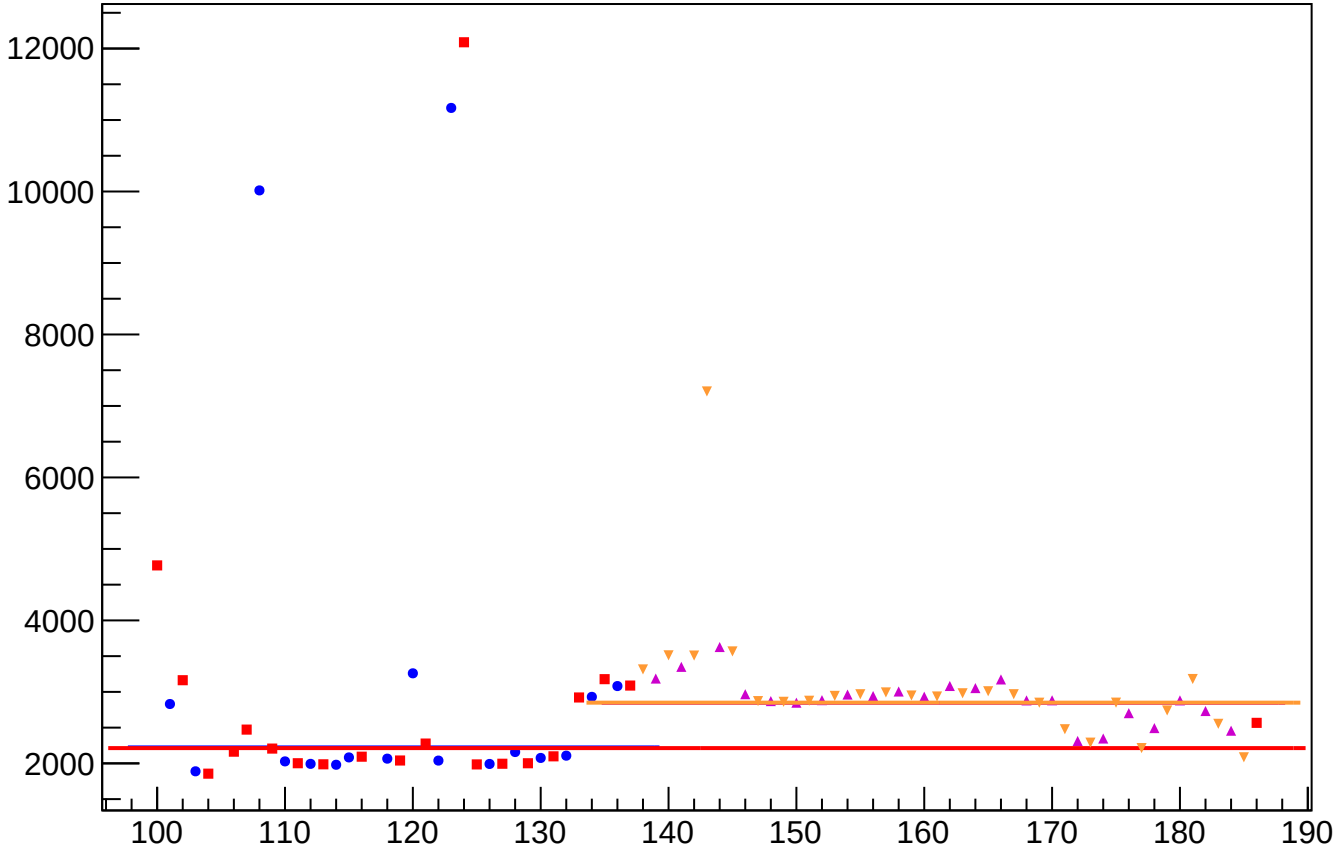
Right: 1681.343+/-607.914 χ^2/NDF: 30.2/36

In: 2170.454+/-542.024 χ^2/NDF:22.4/39

Out: 1235.405+/-525.648 χ^2/NDF:62.8/44

All: 1688.591+/-377.346 χ^2/NDF: 86.7/84

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 2849.256+/-0.479 χ^2/NDF:1034478.3/24

Right Out: 2213.598+/-0.589 χ^2/NDF: 617541.4/19

Left In: 2844.779+/-0.484 χ^2/NDF:383776.8/22

Left: 2847.038+/-0.340 χ^2/NDF: 1418298.4/47

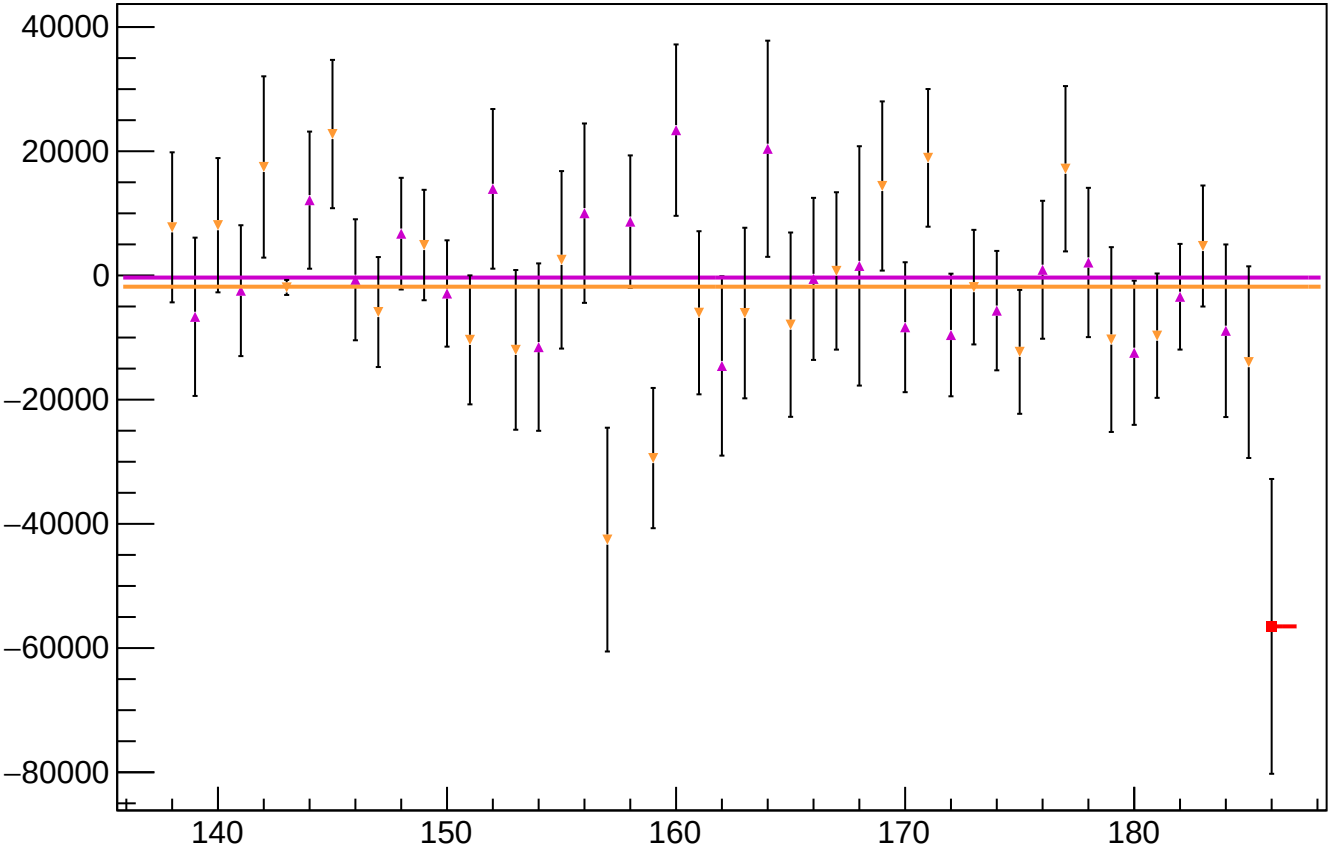
Right: 2218.053+/-0.430 χ^2/NDF: 1467953.4/36

In: 2613.695+/-0.383 χ^2/NDF:1848470.4/39

Out: 2596.015+/-0.372 χ^2/NDF:2353396.4/44

All: 2604.582+/-0.267 χ^2/NDF: 4202963.6/84

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1810.593+/-1078.173 χ^2/NDF:31.2/24

Right Out: -56508.501+/-23737.199 χ^2/NDF: 0.0/0

Left In: -339.260+/-2365.986 χ^2/NDF:14.2/22

Left: -1557.594+/-981.106 χ^2/NDF: 45.7/47

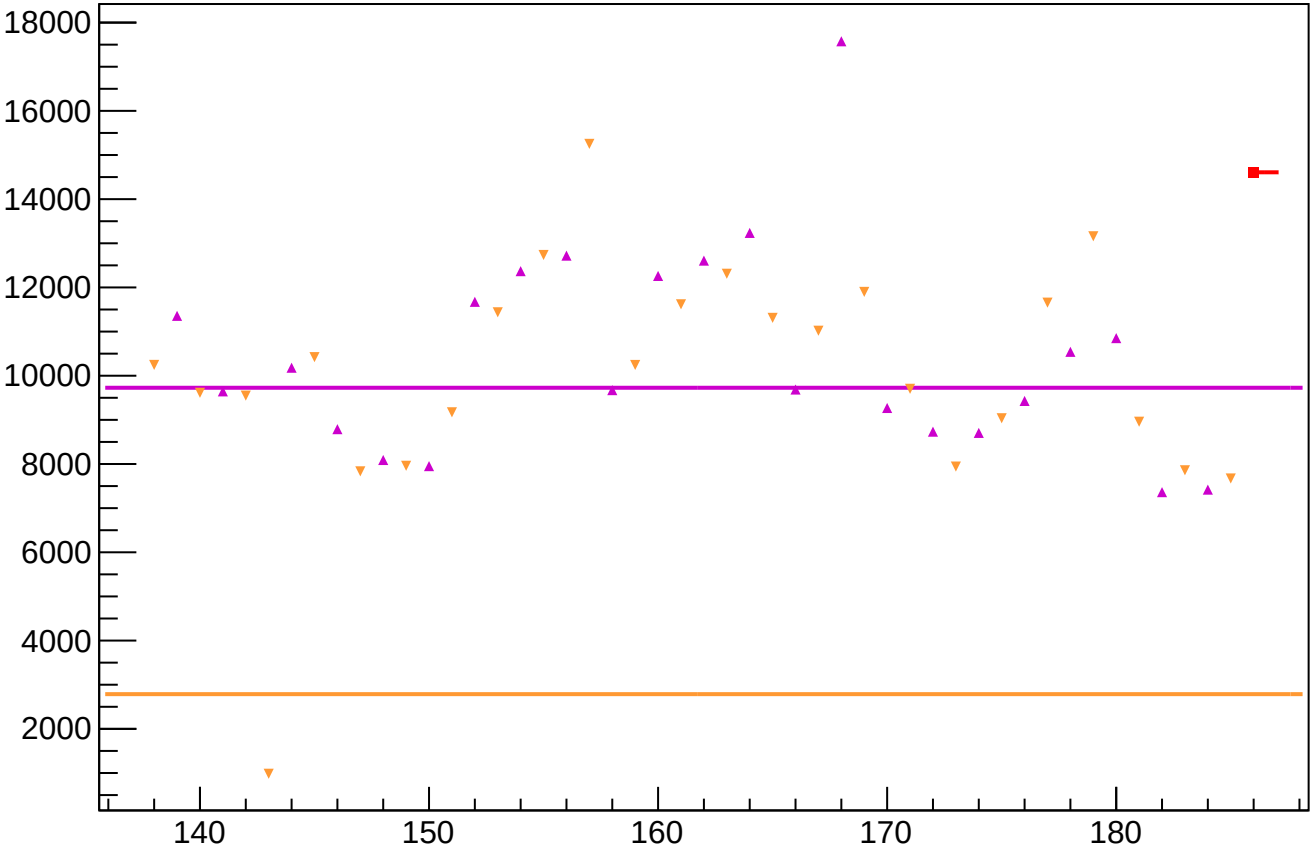
Right: -56508.501+/-23737.199 χ^2/NDF: 0.0/0

In: -339.260+/-2365.986 χ^2/NDF:14.2/22

Out: -1923.208+/-1077.062 χ^2/NDF:36.5/25

All: -1651.309+/-980.269 χ^2/NDF: 51.1/48

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 2786.461+/-0.762 χ^2/NDF:22863045.3/24

Right Out: 14608.289+/-16.785 χ^2/NDF: 0.0/0

Left In: 9727.255+/-1.673 χ^2/NDF:1261406.7/22

Left: 3979.946+/-0.694 χ^2/NDF: 38376569.5/47

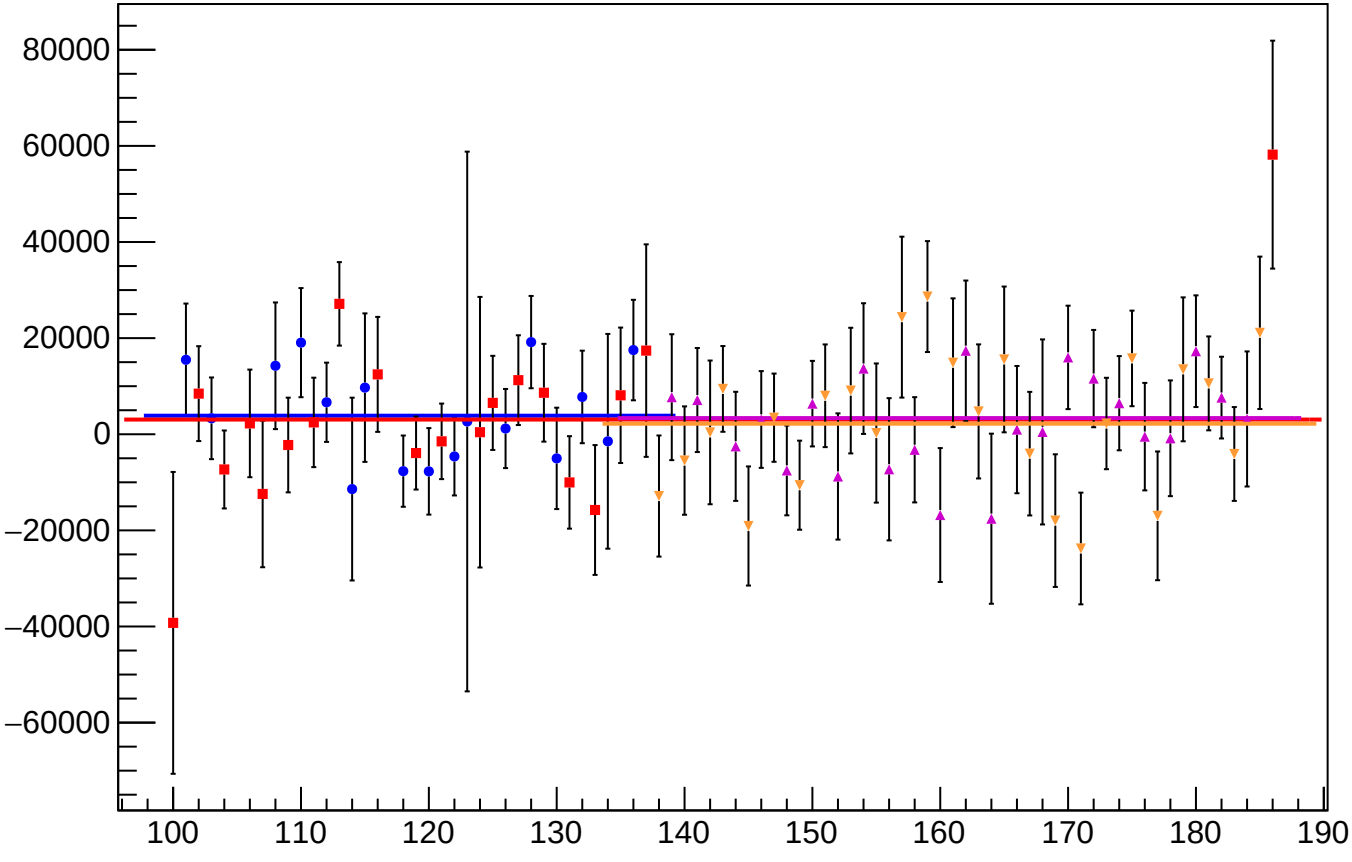
Right: 14608.289+/-16.785 χ^2/NDF: 0.0/0

In: 9727.255+/-1.673 χ^2/NDF:1261406.7/22

Out: 2810.800+/-0.762 χ^2/NDF:23358091.0/25

All: 3998.072+/-0.693 χ^2/NDF: 38776846.7/4

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: 2192.629+/-2346.604 χ^2/NDF:31.2/24

Right Out: 3057.627+/-2408.785 χ^2/NDF: 25.5/19

Left In: 3362.489+/-2413.842 χ^2/NDF:12.8/22

Left: 2761.039+/-1682.568 χ^2/NDF: 44.1/47

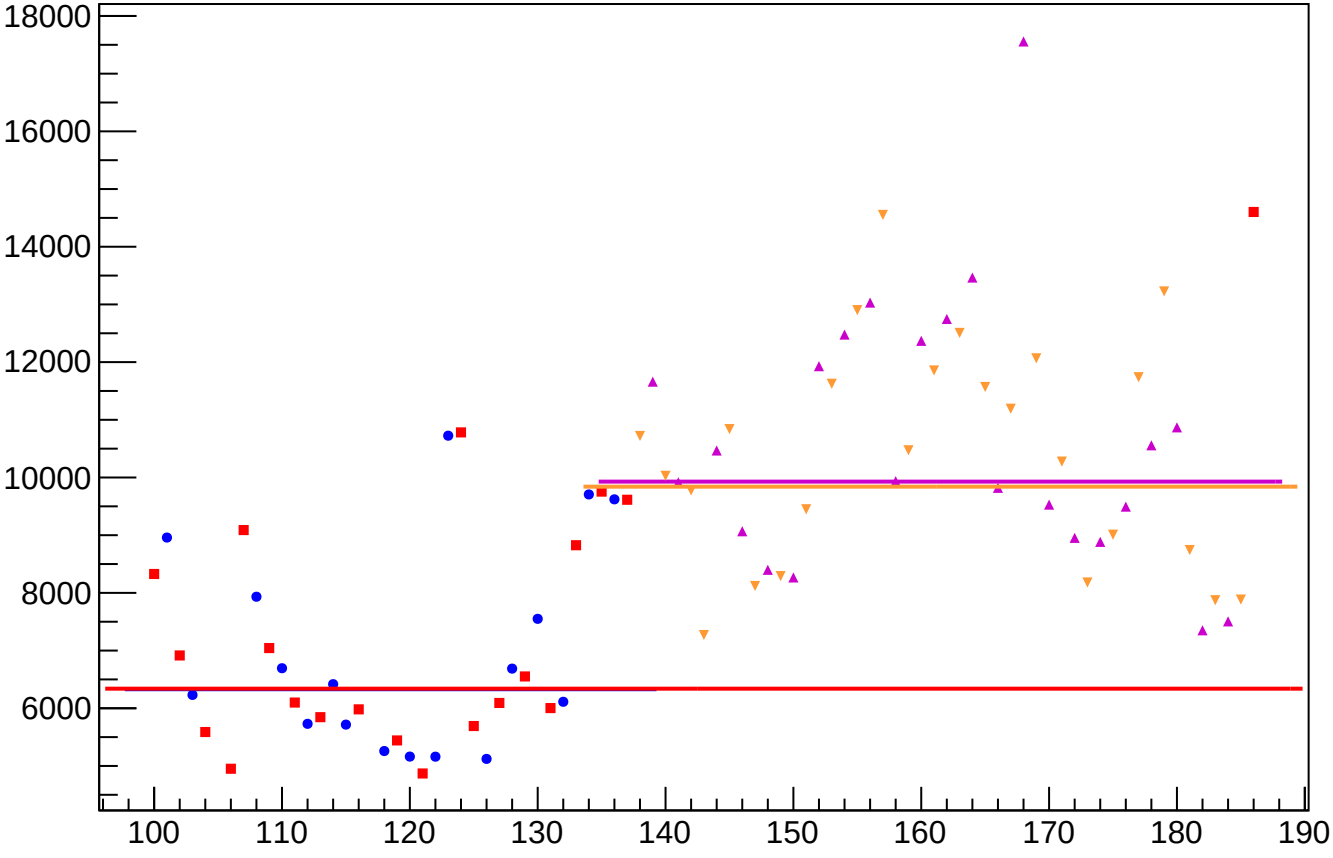
Right: 3442.440+/-1737.545 χ^2/NDF: 40.3/36

In: 3601.588+/-1739.440 χ^2/NDF:27.6/39

Out: 2613.820+/-1680.853 χ^2/NDF:56.7/44

All: 3090.789+/-1208.724 χ^2/NDF: 84.5/84

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 9841.227+/-1.659 χ^2/NDF:1184767.7/24

Right Out: 6339.474+/-1.703 χ^2/NDF: 780742.5/19

Left In: 9928.662+/-1.707 χ^2/NDF:1220804.9/22

Left: 9883.710+/-1.190 χ^2/NDF: 2406921.7/47

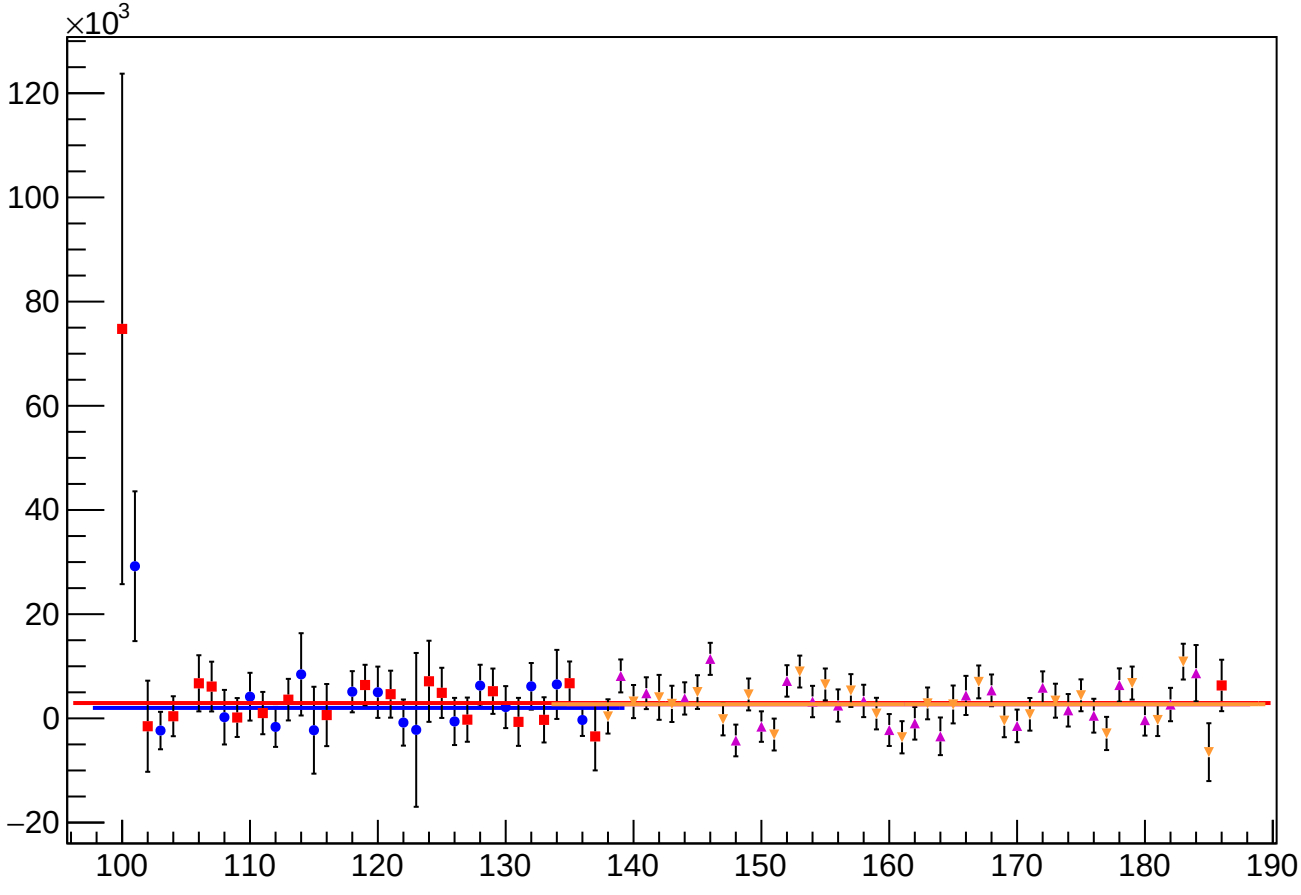
Right: 6335.069+/-1.229 χ^2/NDF: 1374152.0/36

In: 8198.843+/-1.230 χ^2/NDF:3950779.8/39

Out: 8136.051+/-1.189 χ^2/NDF:4134236.7/44

All: 8166.371+/-0.855 χ^2/NDF: 8086364.3/84

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 2712.564+/-648.832 χ^2/NDF:34.7/24

Right Out: 2944.343+/-1060.783 χ^2/NDF: 10.4/19

Left In: 2697.794+/-662.544 χ^2/NDF:36.1/22

Left: 2705.333+/-463.565 χ^2/NDF: 70.8/47

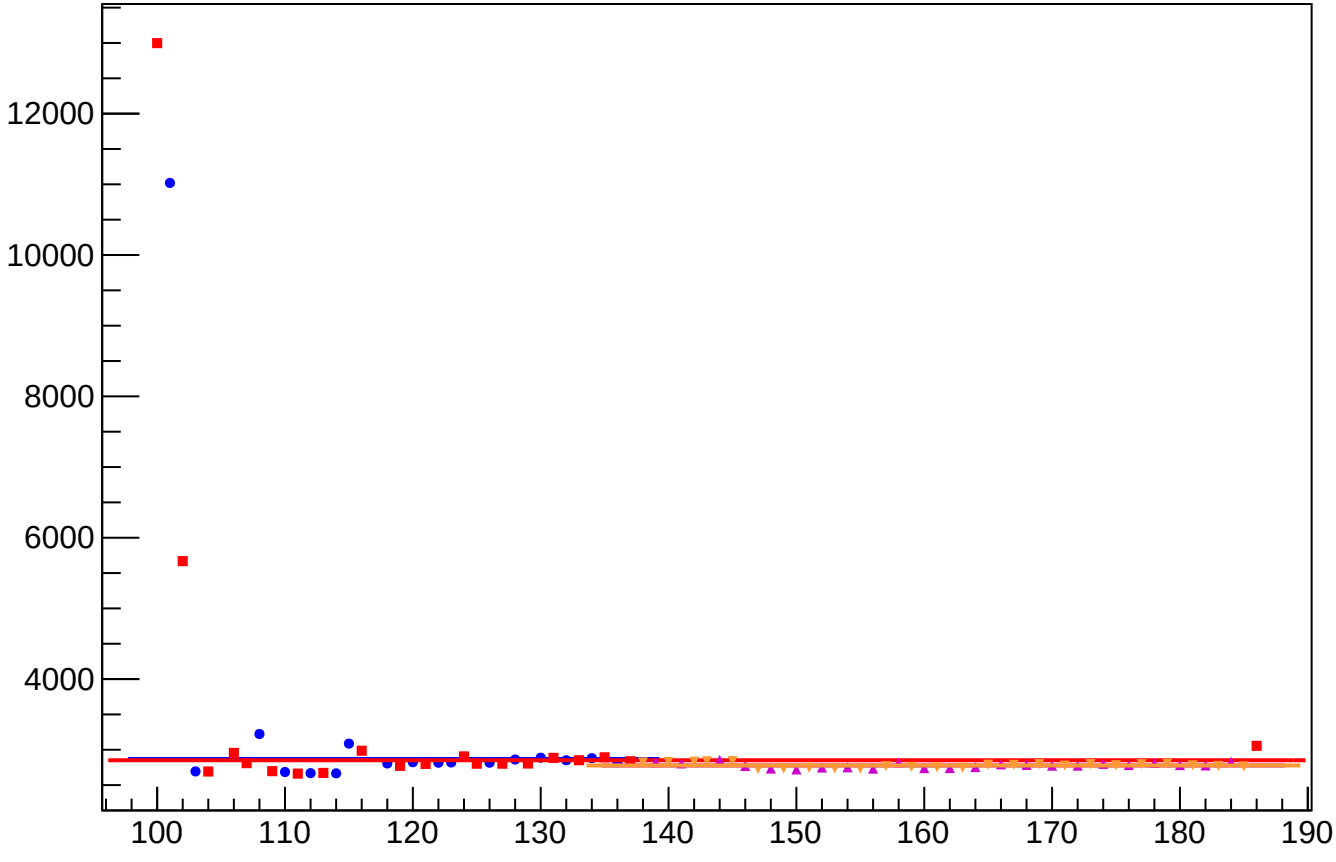
Right: 2506.250+/-774.755 χ^2/NDF: 22.8/36

In: 2521.642+/-572.093 χ^2/NDF:48.4/39

Out: 2775.668+/-553.503 χ^2/NDF:45.1/44

All: 2652.850+/-397.795 χ^2/NDF: 93.6/84

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2777.450+/-0.459 χ^2/NDF:5253.1/24

Right Out: 2851.429+/-0.750 χ^2/NDF: 316097.2/19

Left In: 2777.355+/-0.468 χ^2/NDF:5488.7/22

Left: 2777.404+/-0.328 χ^2/NDF: 10741.8/47

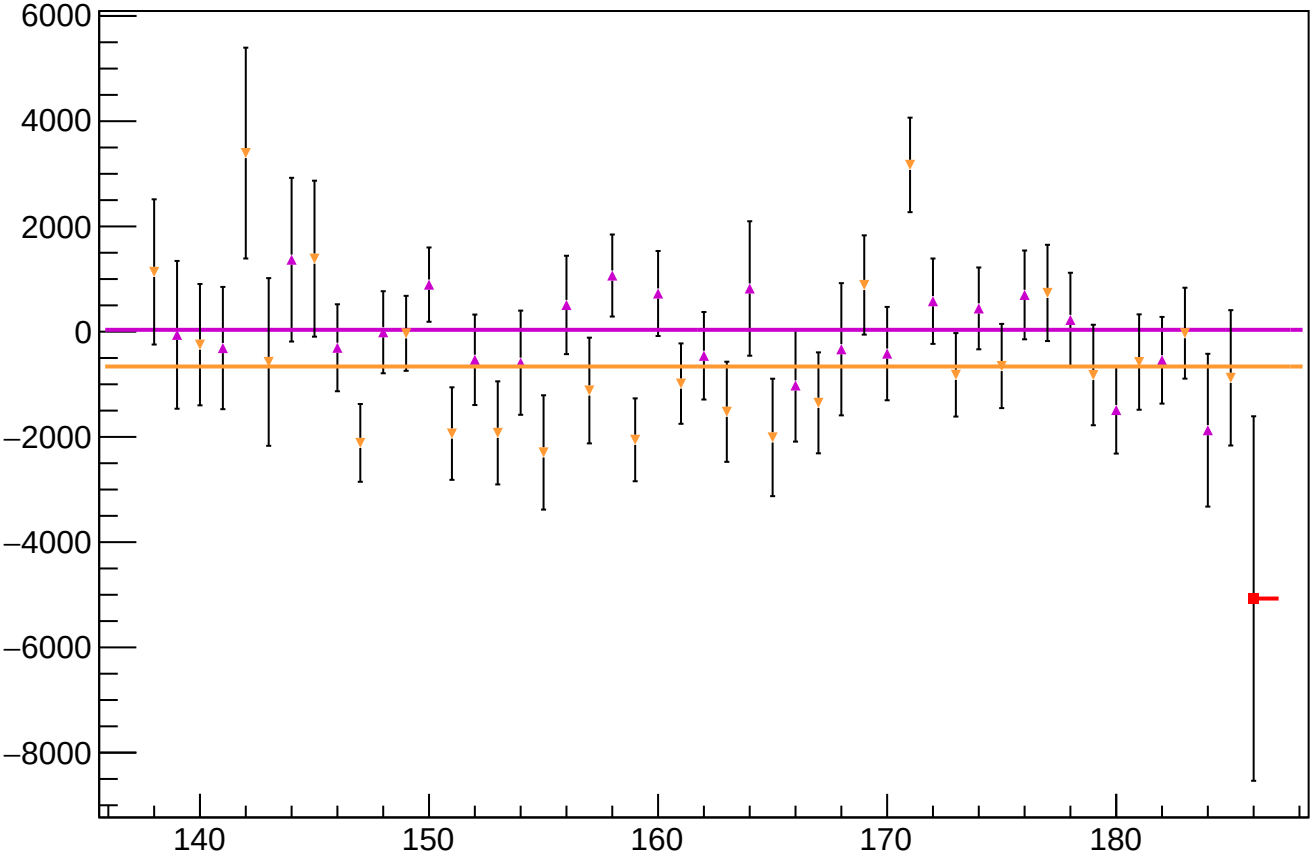
Right: 2859.719+/-0.548 χ^2/NDF: 986259.5/36

In: 2800.720+/-0.405 χ^2/NDF:685166.2/39

Out: 2797.592+/-0.391 χ^2/NDF:328429.2/44

All: 2799.104+/-0.281 χ^2/NDF: 1013626.3/84

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -661.759+/-190.222 χ^2/NDF:48.7/24

Right Out: -5071.487+/-3463.706 χ^2/NDF: 0.0/0

Left In: 35.366+/-190.553 χ^2/NDF:15.1/22

Left: -313.803+/-134.624 χ^2/NDF: 70.5/47

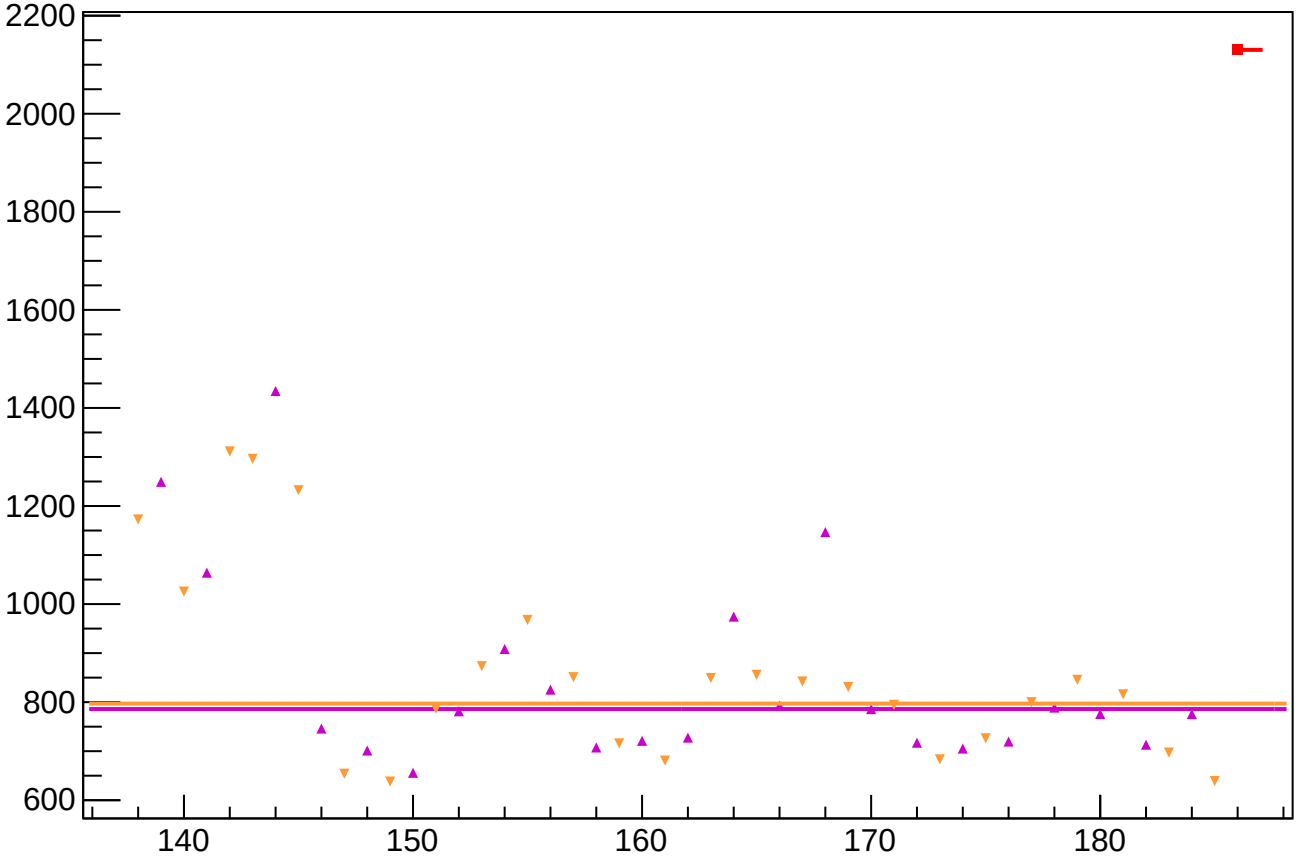
Right: -5071.487+/-3463.706 χ^2/NDF: 0.0/0

In: 35.366+/-190.553 χ^2/NDF:15.1/22

Out: -675.019+/-189.936 χ^2/NDF:50.3/25

All: -320.979+/-134.523 χ^2/NDF: 72.4/48

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 796.994+/-0.135 χ^2/NDF:1174879.0/24

Right Out: 2130.275+/-2.449 χ^2/NDF: 0.0/0

Left In: 785.928+/-0.135 χ^2/NDF:1126027.7/22

Left: 791.470+/-0.095 χ^2/NDF: 2304284.9/47

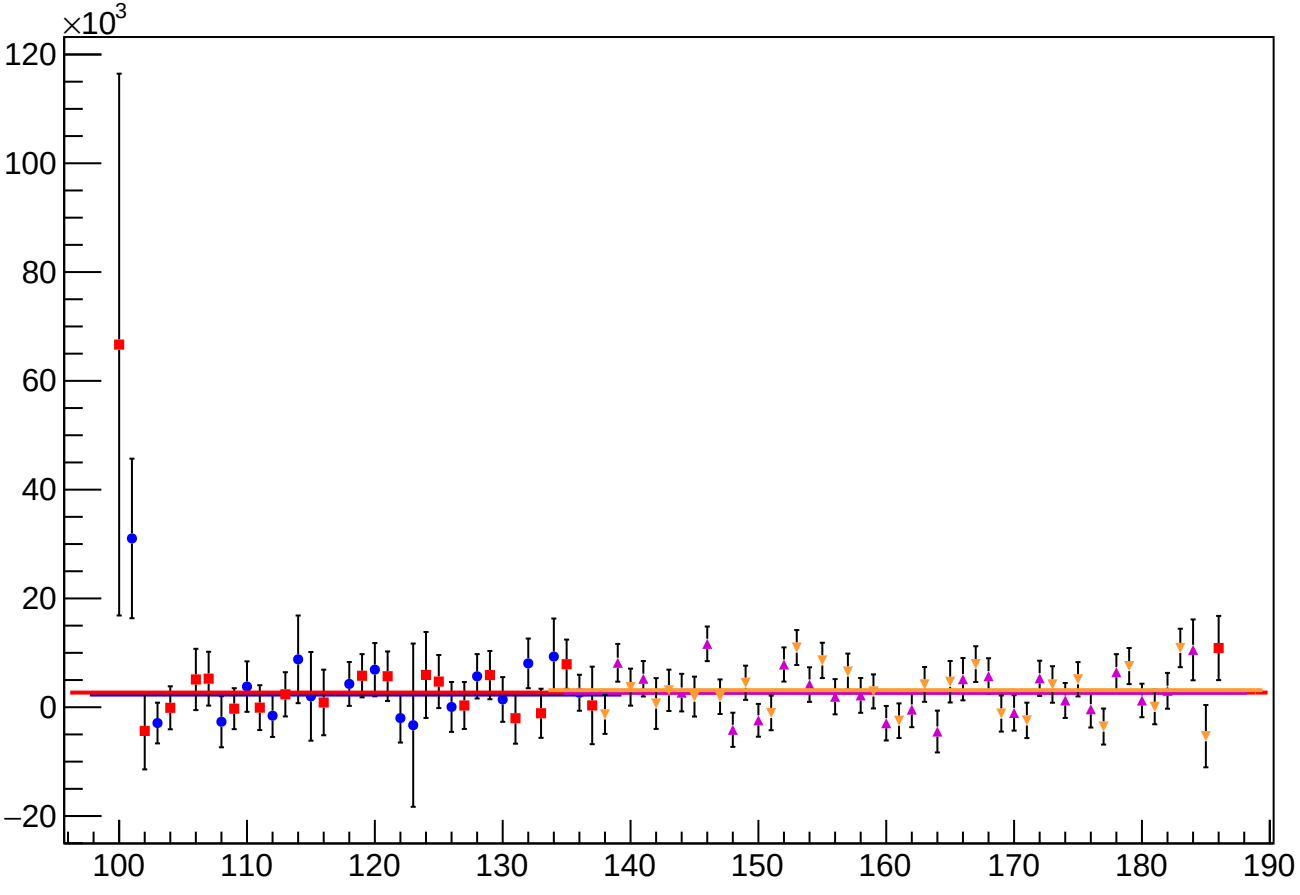
Right: 2130.275+/-2.449 χ^2/NDF: 0.0/0

In: 785.928+/-0.135 χ^2/NDF:1126027.7/22

Out: 801.003+/-0.134 χ^2/NDF:1470328.7/25

All: 793.490+/-0.095 χ^2/NDF: 2602635.3/48

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 3139.358+/-680.222 χ^2/NDF:38.3/24

Right Out: 2693.677+/-1090.958 χ^2/NDF: 12.1/19

Left In: 2659.828+/-693.121 χ^2/NDF:36.9/22

Left: 2904.096+/-485.486 χ^2/NDF: 75.4/47

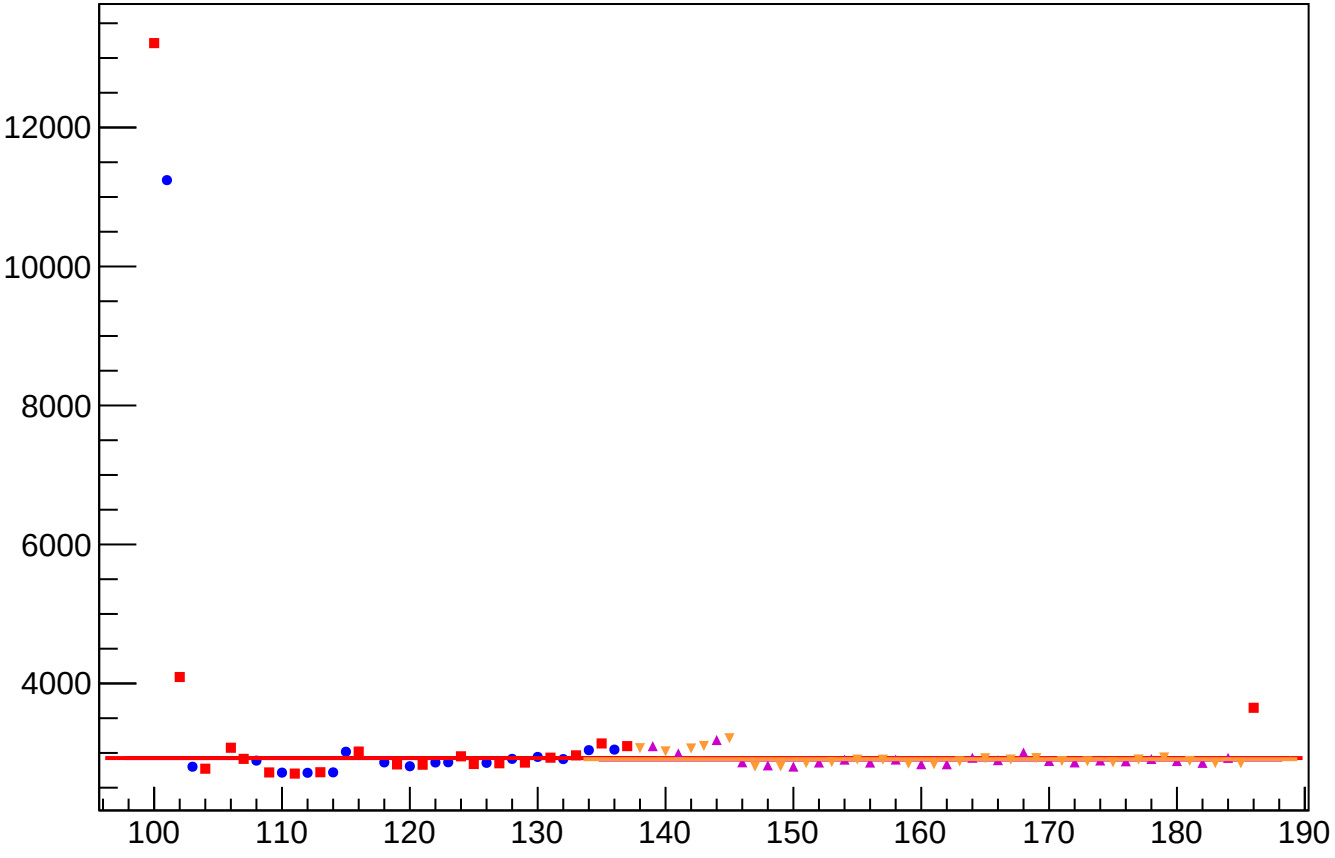
Right: 2522.507+/-793.601 χ^2/NDF: 26.5/36

In: 2572.706+/-594.530 χ^2/NDF:51.4/39

Out: 3014.596+/-577.213 χ^2/NDF:50.4/44

All: 2800.180+/-414.138 χ^2/NDF: 102.1/84

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 2910.362+/-0.481 χ^2/NDF:36080.5/24

Right Out: 2926.428+/-0.771 χ^2/NDF: 200989.5/19

Left In: 2904.499+/-0.490 χ^2/NDF:30423.1/22

Left: 2907.485+/-0.343 χ^2/NDF: 66576.4/47

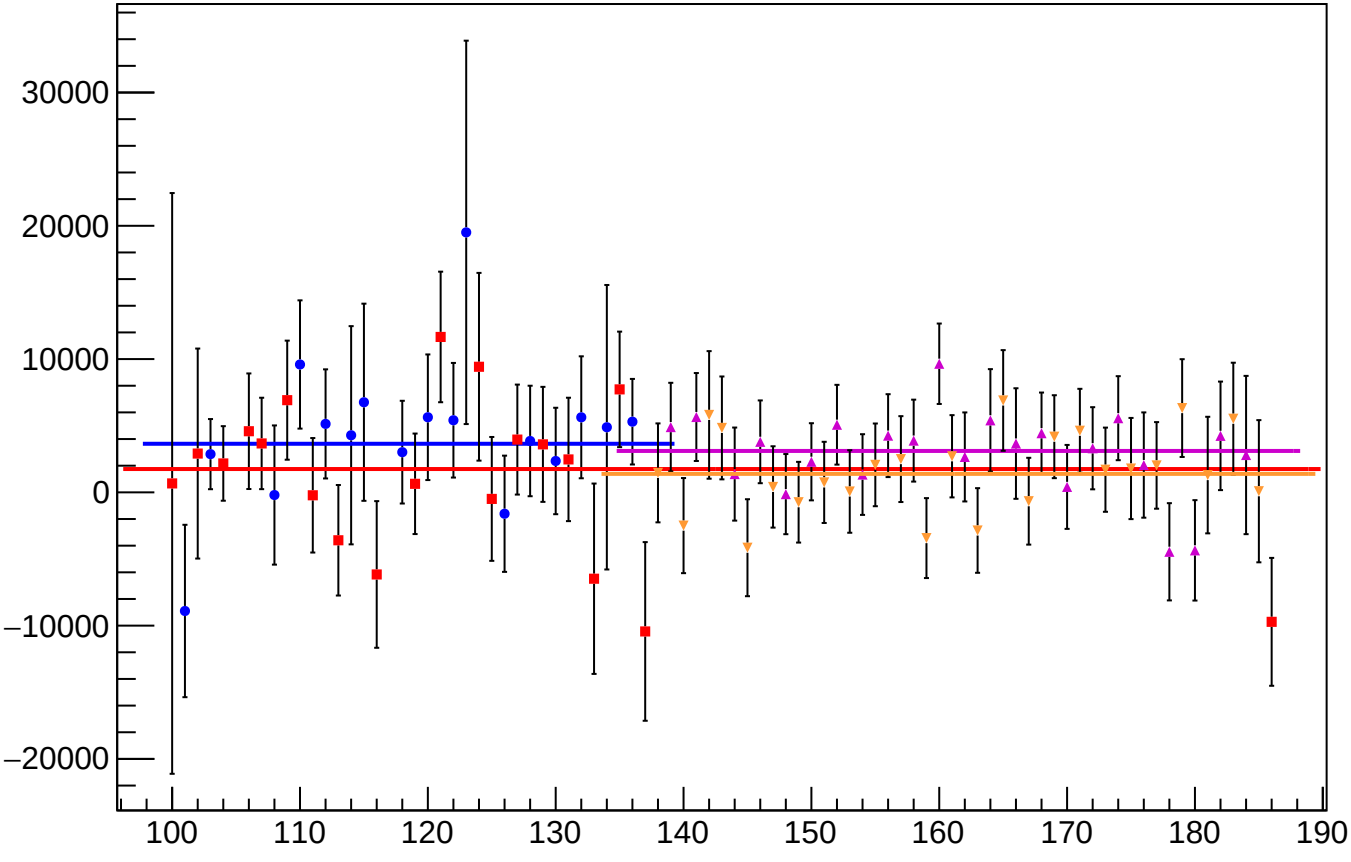
Right: 2926.514+/-0.561 χ^2/NDF: 863783.9/36

In: 2910.342+/-0.420 χ^2/NDF:693755.3/39

Out: 2914.859+/-0.408 χ^2/NDF:237382.3/44

All: 2912.667+/-0.293 χ^2/NDF: 931197.1/84

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 1386.275+/-684.647 χ^2/NDF:18.0/24

Right Out: 1750.028+/-1022.802 χ^2/NDF: 24.4/19

Left In: 3106.878+/-695.685 χ^2/NDF:18.4/22

Left: 2232.819+/-487.974 χ^2/NDF: 39.5/47

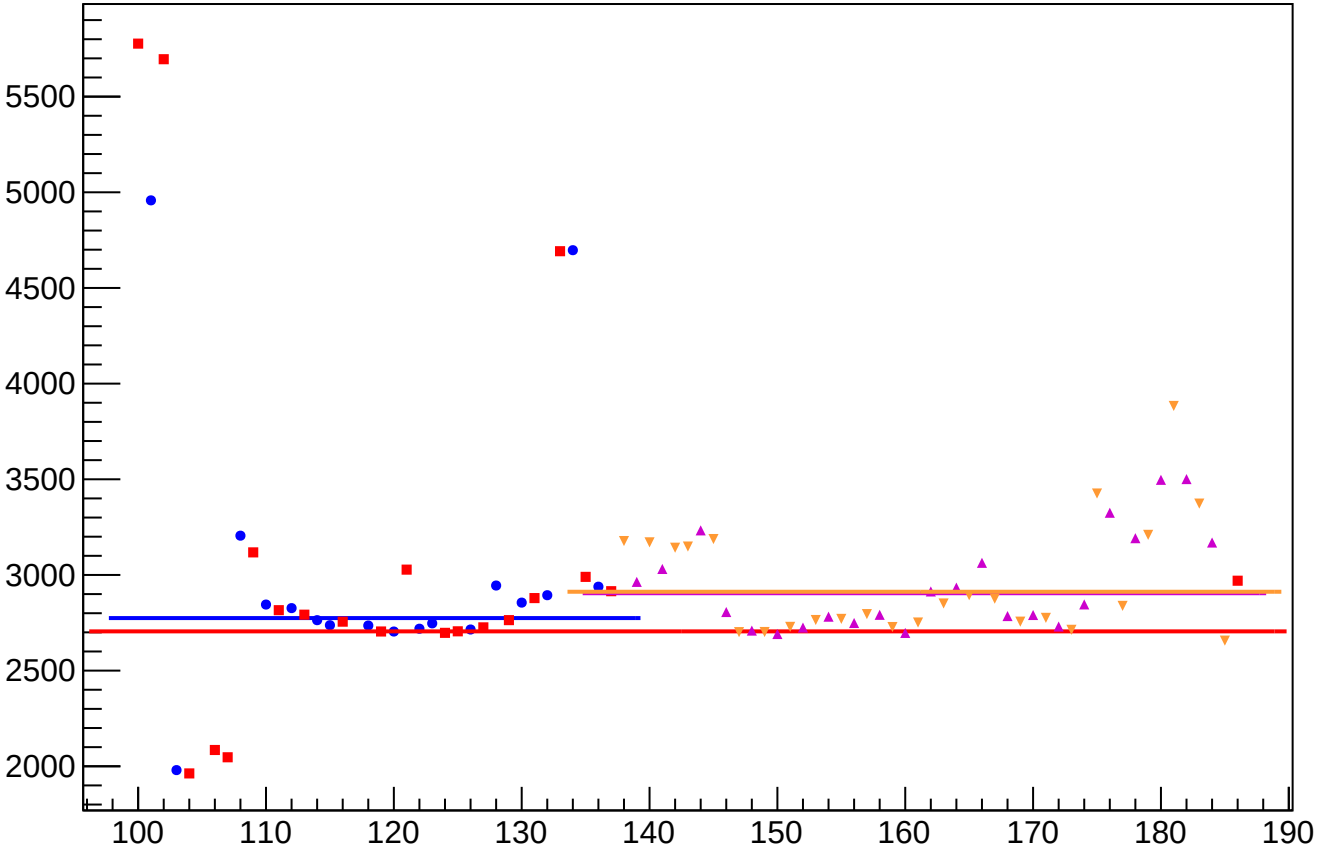
Right: 2636.145+/-746.331 χ^2/NDF: 35.9/36

In: 3262.412+/-586.654 χ^2/NDF:28.4/39

Out: 1498.830+/-568.946 χ^2/NDF:42.5/44

All: 2353.604+/-408.423 χ^2/NDF: 75.6/84

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 2912.211+/-0.484 χ^2/NDF:290908.5/24

Right Out: 2705.106+/-0.723 χ^2/NDF: 786648.0/19

Left In: 2904.472+/-0.492 χ^2/NDF:217578.9/22

Left: 2908.403+/-0.345 χ^2/NDF: 508613.1/47

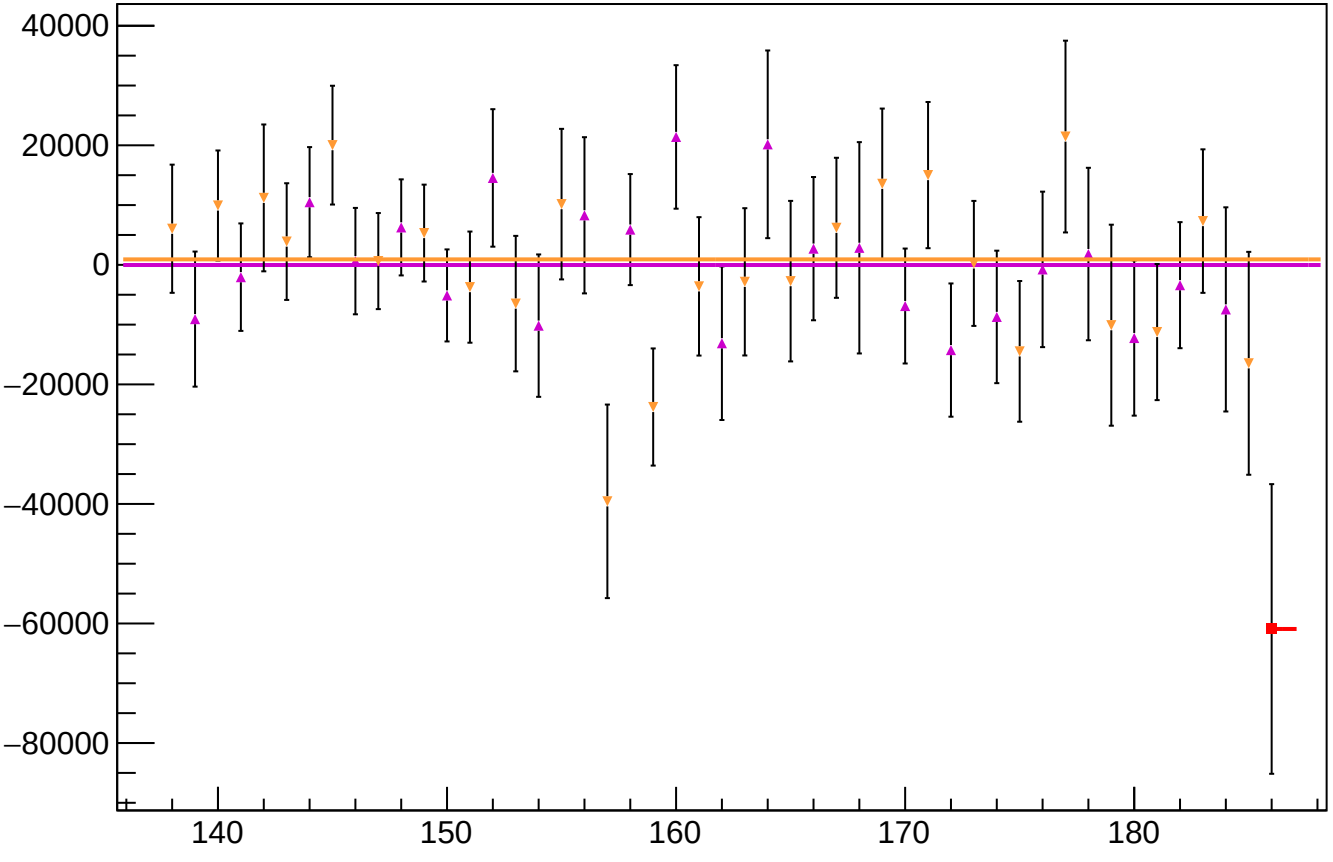
Right: 2737.595+/-0.528 χ^2/NDF: 1292648.5/36

In: 2866.959+/-0.415 χ^2/NDF:739389.2/39

Out: 2848.099+/-0.402 χ^2/NDF:1134209.1/44

All: 2857.239+/-0.289 χ^2/NDF: 1874663.5/84

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 916.096+/-2238.762 χ^2/NDF:28.7/24

Right Out: -60917.734+/-24230.689 χ^2/NDF: 0.0/0

Left In: -25.729+/-2280.428 χ^2/NDF:16.1/22

Left: 453.866+/-1597.571 χ^2/NDF: 44.9/47

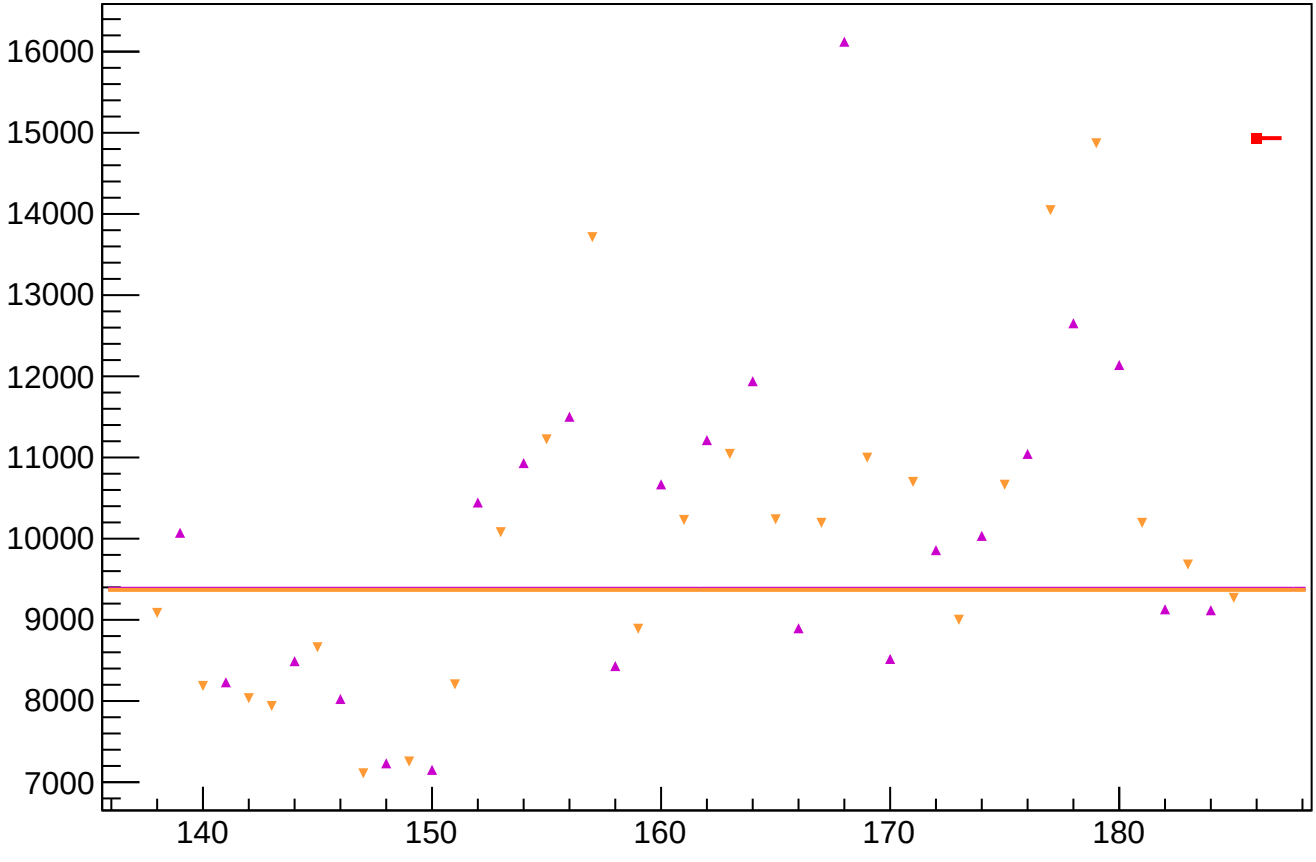
Right: -60917.734+/-24230.689 χ^2/NDF: 0.0/0

In: -25.729+/-2280.428 χ^2/NDF:16.1/22

Out: 392.714+/-2229.267 χ^2/NDF:35.2/25

All: 188.239+/-1594.110 χ^2/NDF: 51.3/48

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 9369.034+/-1.583 χ^2/NDF:1183012.4/24

Right Out: 14934.067+/-17.134 χ^2/NDF: 0.0/0

Left In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

Left: 9375.755+/-1.130 χ^2/NDF: 2388697.9/47

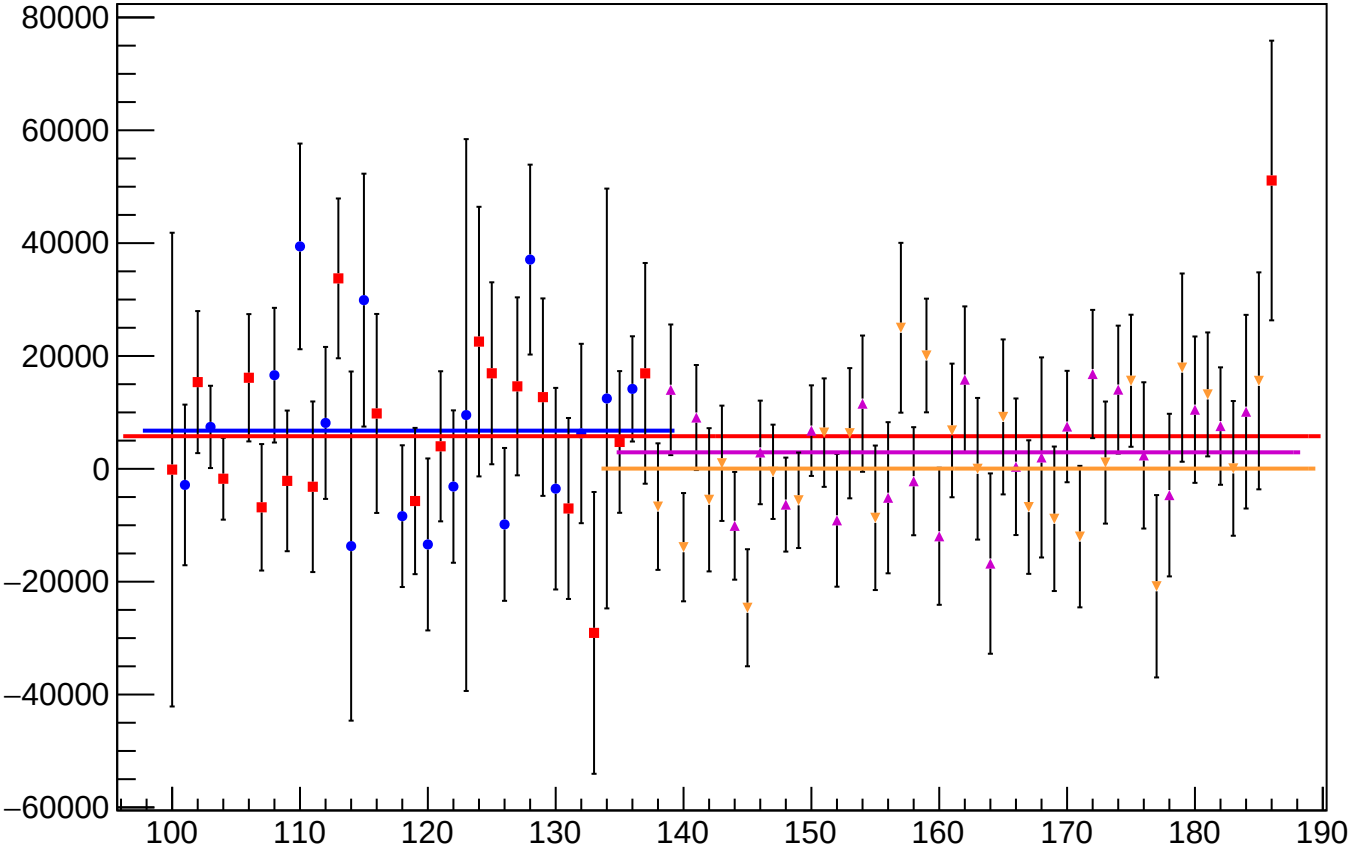
Right: 14934.067+/-17.134 χ^2/NDF: 0.0/0

In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

Out: 9416.138+/-1.576 χ^2/NDF:1287614.9/25

All: 9399.812+/-1.127 χ^2/NDF: 2493483.2/48

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: 43.265+/-2290.867 χ^2/NDF:25.9/24

Right Out: 5781.829+/-3142.053 χ^2/NDF: 17.0/19

Left In: 2925.533+/-2330.587 χ^2/NDF:14.6/22

Left: 1459.628+/-1633.750 χ^2/NDF: 41.2/47

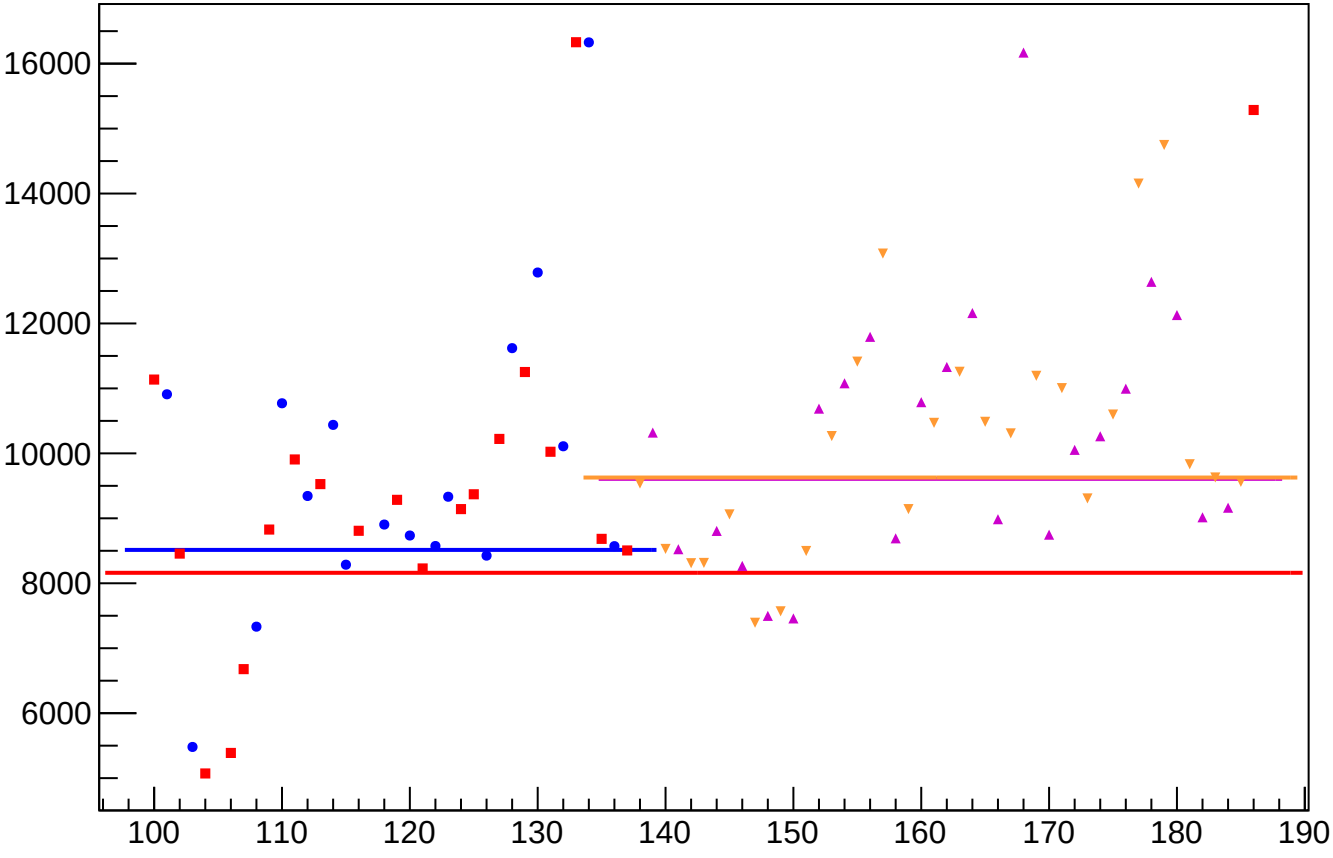
Right: 6237.672+/-2303.543 χ^2/NDF: 32.4/36

In: 4159.986+/-1919.991 χ^2/NDF:30.8/39

Out: 2035.015+/-1851.097 χ^2/NDF:45.0/44

All: 3058.693+/-1332.614 χ^2/NDF: 76.5/84

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 9627.824+/-1.620 χ^2/NDF:1004641.7/24

Right Out: 8161.140+/-2.222 χ^2/NDF: 1120339.3/19

Left In: 9607.553+/-1.648 χ^2/NDF:1085465.7/22

Left: 9617.863+/-1.155 χ^2/NDF: 2090184.3/47

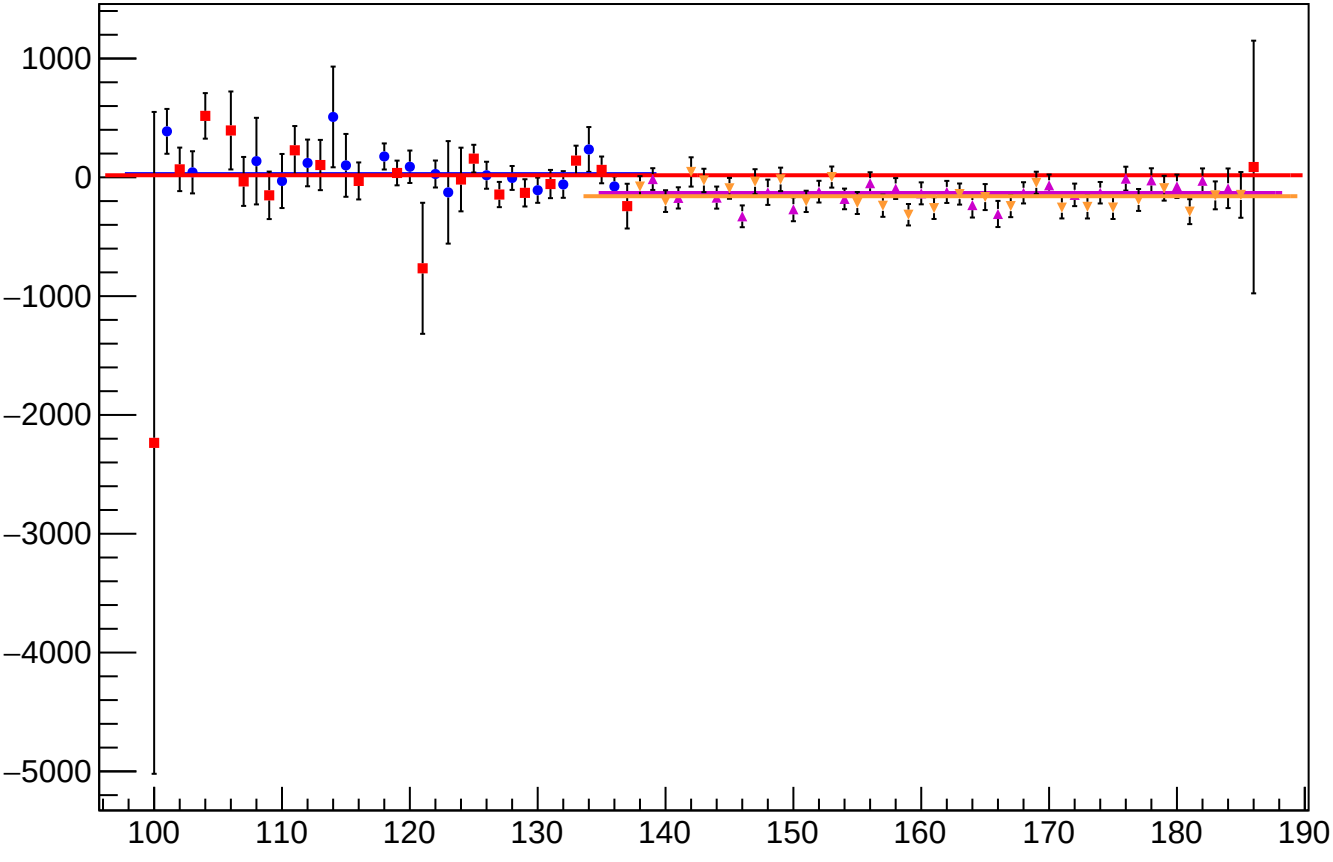
Right: 8324.182+/-1.629 χ^2/NDF: 1894598.4/36

In: 9256.070+/-1.358 χ^2/NDF:1989652.1/39

Out: 9118.742+/-1.309 χ^2/NDF:2409528.8/44

All: 9184.897+/-0.942 χ^2/NDF: 4404483.7/84

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -158.948+/-19.453 χ^2/NDF:25.8/24

Right Out: 17.446+/-35.528 χ^2/NDF: 21.9/19

Left In: -131.879+/-20.076 χ^2/NDF:17.8/22

Left: -145.840+/-13.970 χ^2/NDF: 44.5/47

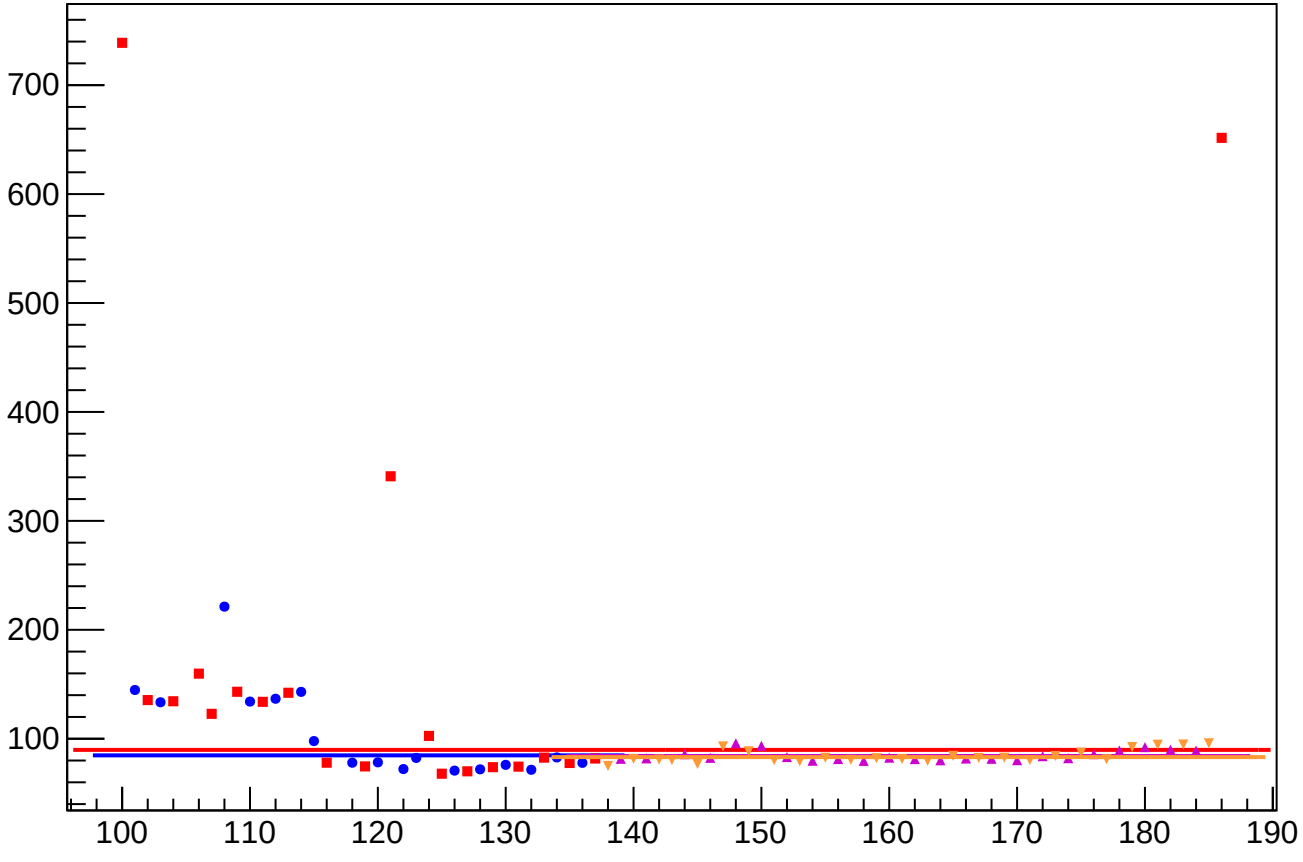
Right: 22.393+/-24.575 χ^2/NDF: 34.5/36

In: -90.874+/-17.291 χ^2/NDF:46.5/39

Out: -118.261+/-17.063 χ^2/NDF:66.6/44

All: -104.750+/-12.145 χ^2/NDF: 114.4/84

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 83.126+/-0.014 χ^2/NDF:138741.0/24

Right Out: 89.771+/-0.025 χ^2/NDF: 2118224.9/19

Left In: 84.108+/-0.014 χ^2/NDF:96934.3/22

Left: 83.602+/-0.010 χ^2/NDF: 238144.0/47

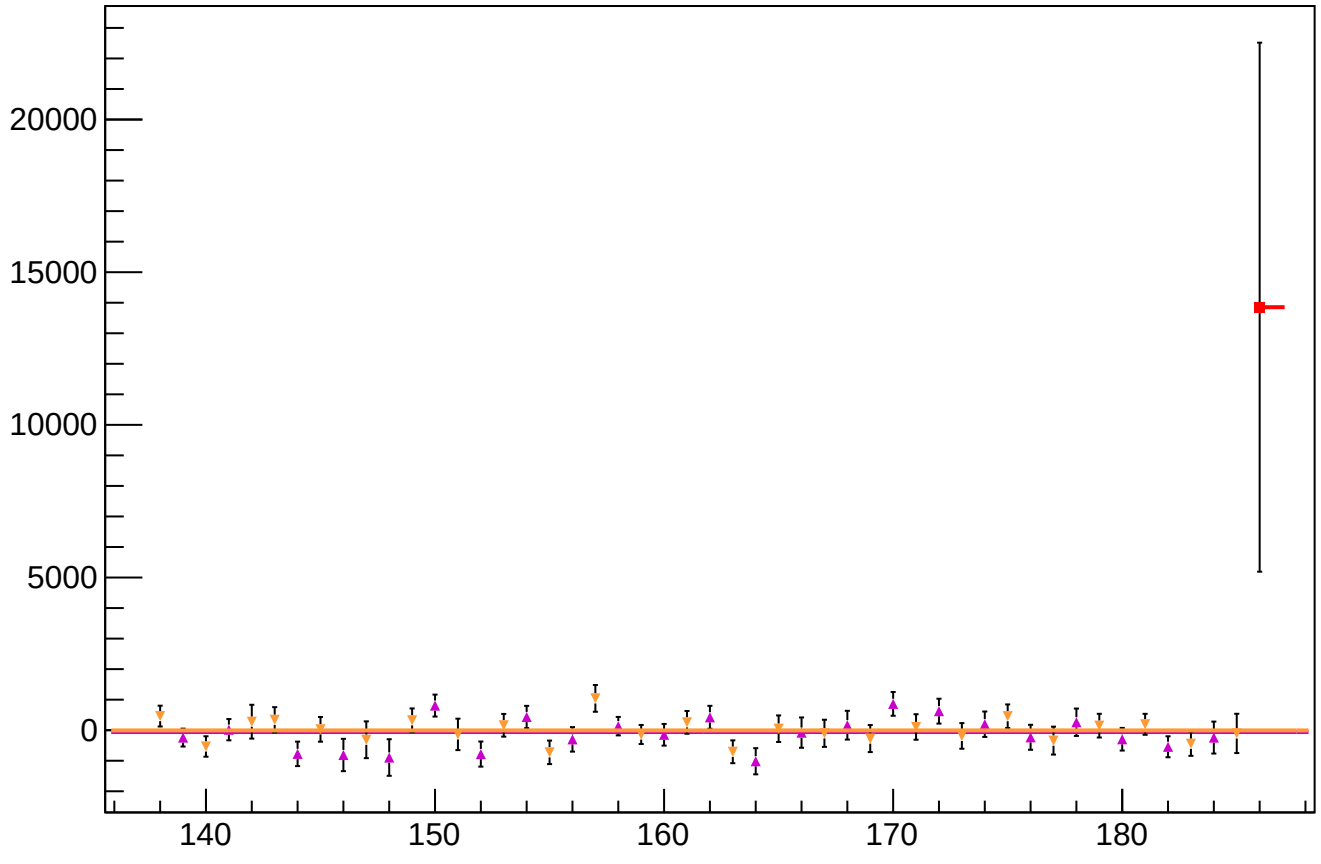
Right: 87.146+/-0.017 χ^2/NDF: 3203585.4/36

In: 84.271+/-0.012 χ^2/NDF:1161860.7/39

Out: 84.659+/-0.012 χ^2/NDF:2310787.8/44

All: 84.467+/-0.009 χ^2/NDF: 3473159.2/84

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -6.627+/-81.138 χ^2/NDF:24.4/24

Right Out: 13853.889+/-8663.157 χ^2/NDF: 0.0/0

Left In: -59.971+/-82.046 χ^2/NDF:38.0/22

Left: -33.002+/-57.692 χ^2/NDF: 62.6/47

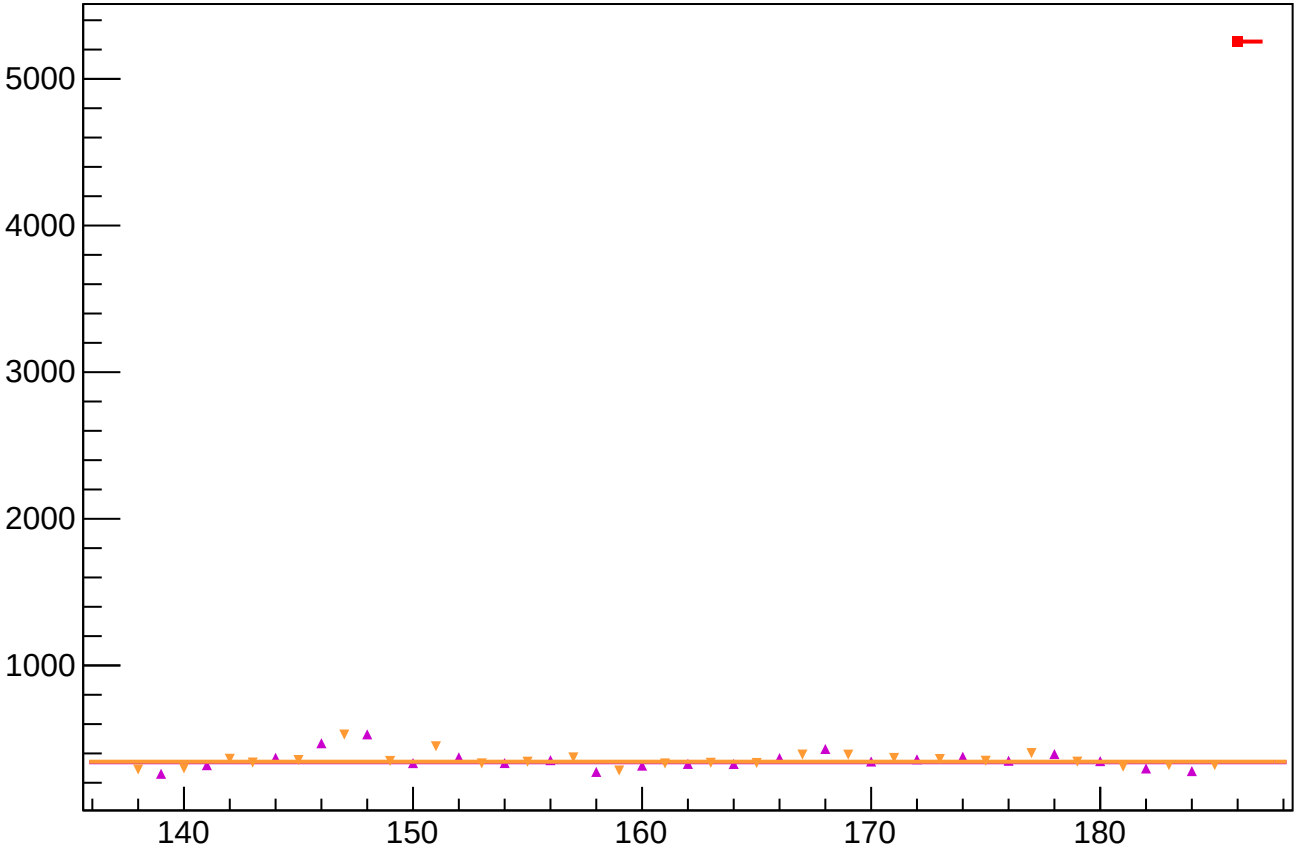
Right: 13853.889+/-8663.157 χ^2/NDF: 0.0/0

In: -59.971+/-82.046 χ^2/NDF:38.0/22

Out: -5.412+/-81.134 χ^2/NDF:26.9/25

All: -32.387+/-57.690 χ^2/NDF: 65.1/48

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 343.620+/-0.057 χ^2/NDF:571090.7/24

Right Out: 5254.581+/-6.126 χ^2/NDF: 0.0/0

Left In: 339.804+/-0.058 χ^2/NDF:799750.5/22

Left: 341.733+/-0.041 χ^2/NDF: 1373028.9/47

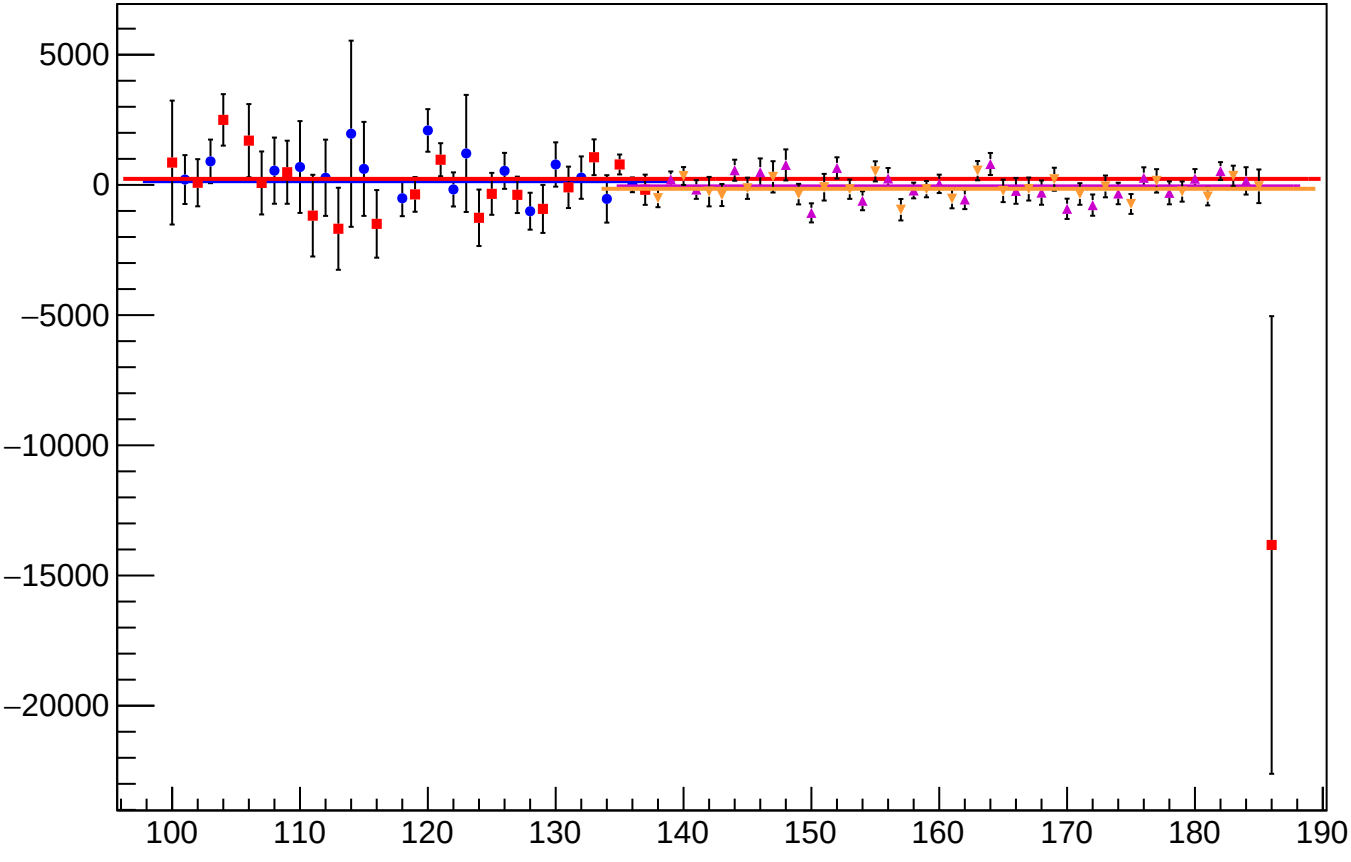
Right: 5254.581+/-6.126 χ^2/NDF: 0.0/0

In: 339.804+/-0.058 χ^2/NDF:799750.5/22

Out: 344.051+/-0.057 χ^2/NDF:1213737.5/25

All: 341.951+/-0.041 χ^2/NDF: 2016197.5/48

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -148.809+/-81.017 χ^2/NDF:22.0/24

Right Out: 231.657+/-183.955 χ^2/NDF: 24.2/19

Left In: -56.402+/-82.155 χ^2/NDF:39.7/22

Left: -103.250+/-57.686 χ^2/NDF: 62.3/47

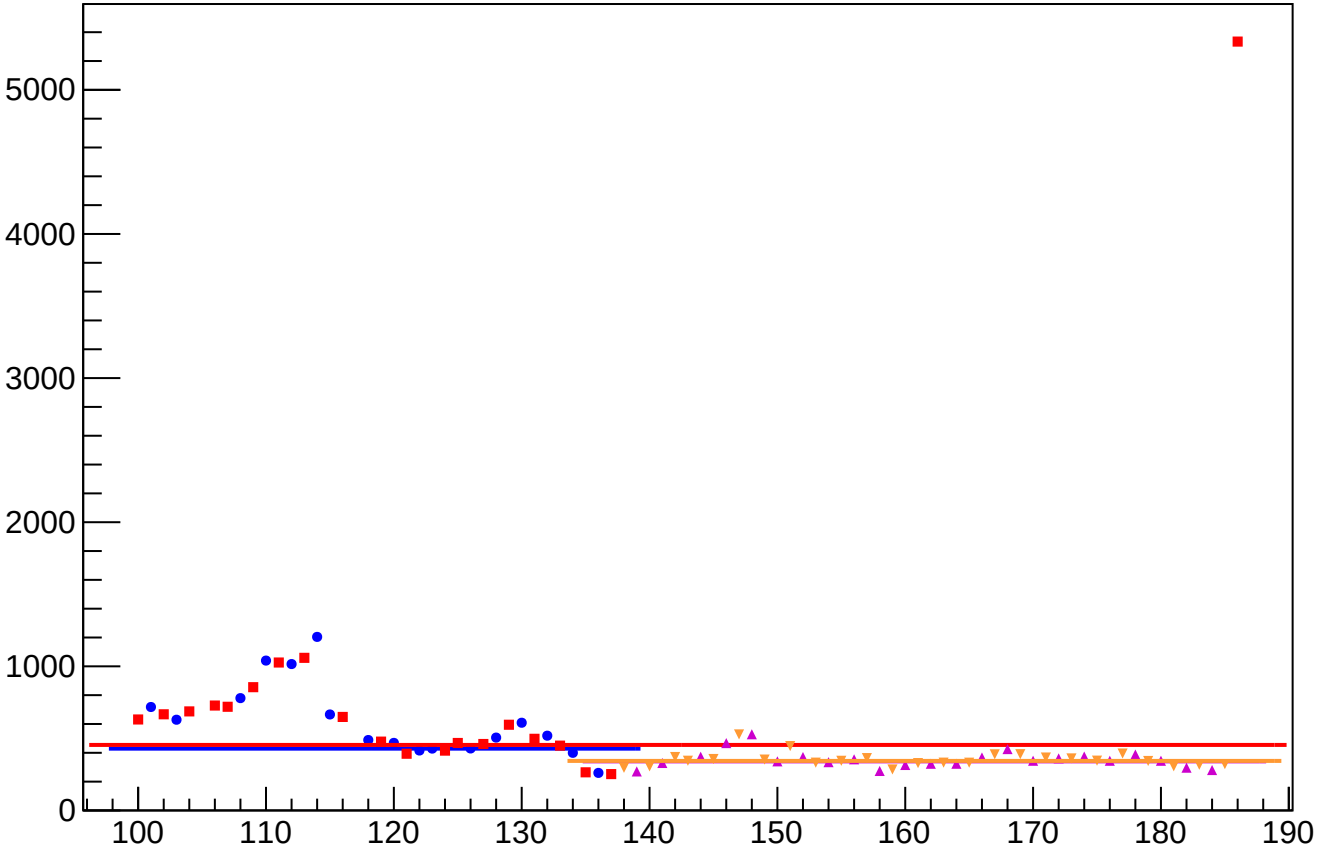
Right: 186.427+/-128.375 χ^2/NDF: 37.1/36

In: -21.698+/-74.683 χ^2/NDF:53.5/39

Out: -87.000+/-74.145 χ^2/NDF:49.8/44

All: -54.585+/-52.618 χ^2/NDF: 103.7/84

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 343.762+/-0.057 χ^2/NDF:539246.3/24

Right Out: 454.657+/-0.130 χ^2/NDF: 2656400.4/19

Left In: 340.519+/-0.058 χ^2/NDF:737049.6/22

Left: 342.163+/-0.041 χ^2/NDF: 1277875.5/47

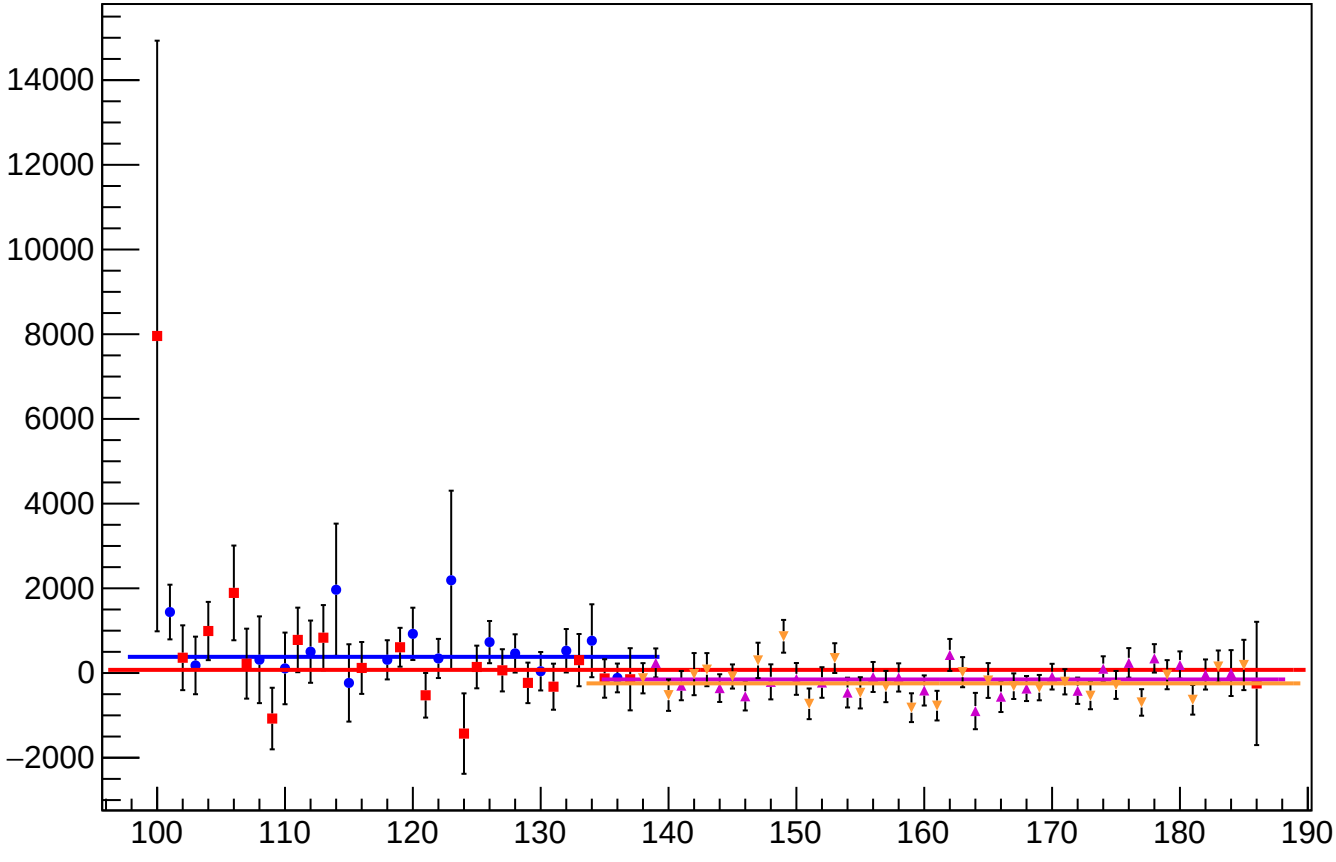
Right: 441.421+/-0.091 χ^2/NDF: 4688913.1/36

In: 355.856+/-0.053 χ^2/NDF:3150833.2/39

Out: 361.778+/-0.052 χ^2/NDF:3804397.7/44

All: 358.838+/-0.037 χ^2/NDF: 6961563.0/84

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -244.459+/-70.636 χ^2/NDF:28.9/24

Right Out: 74.375+/-142.777 χ^2/NDF: 16.8/19

Left In: -152.030+/-72.312 χ^2/NDF:18.2/22

Left: -199.328+/-50.529 χ^2/NDF: 47.9/47

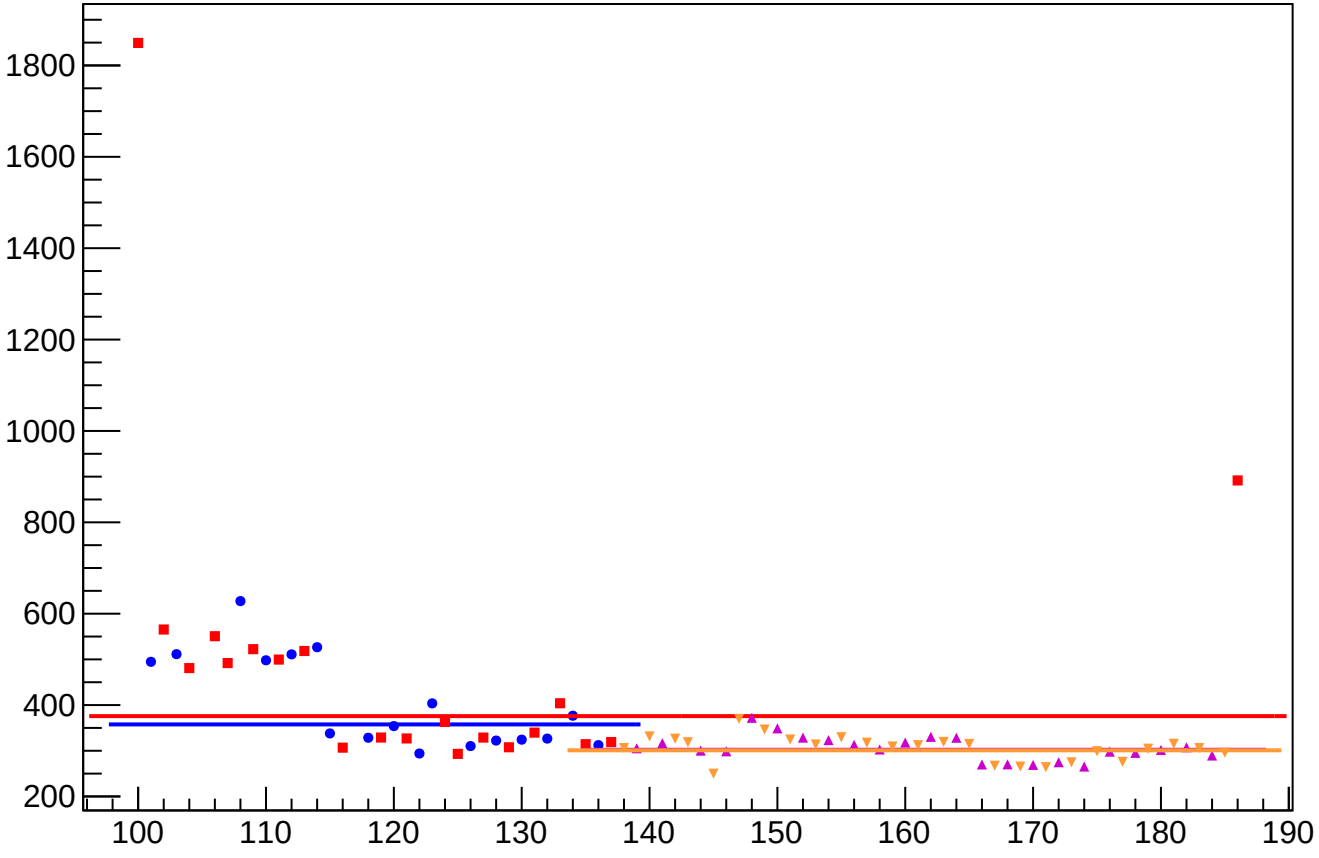
Right: 229.850+/-100.393 χ^2/NDF: 28.6/36

In: -41.084+/-64.362 χ^2/NDF:38.9/39

Out: -181.766+/-63.312 χ^2/NDF:49.7/44

All: -112.582+/-45.135 χ^2/NDF: 91.0/84

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 300.961+/-0.050 χ^2/NDF:322200.5/24

Right Out: 375.806+/-0.101 χ^2/NDF: 1038476.8/19

Left In: 302.180+/-0.051 χ^2/NDF:247468.9/22

Left: 301.556+/-0.036 χ^2/NDF: 569960.3/47

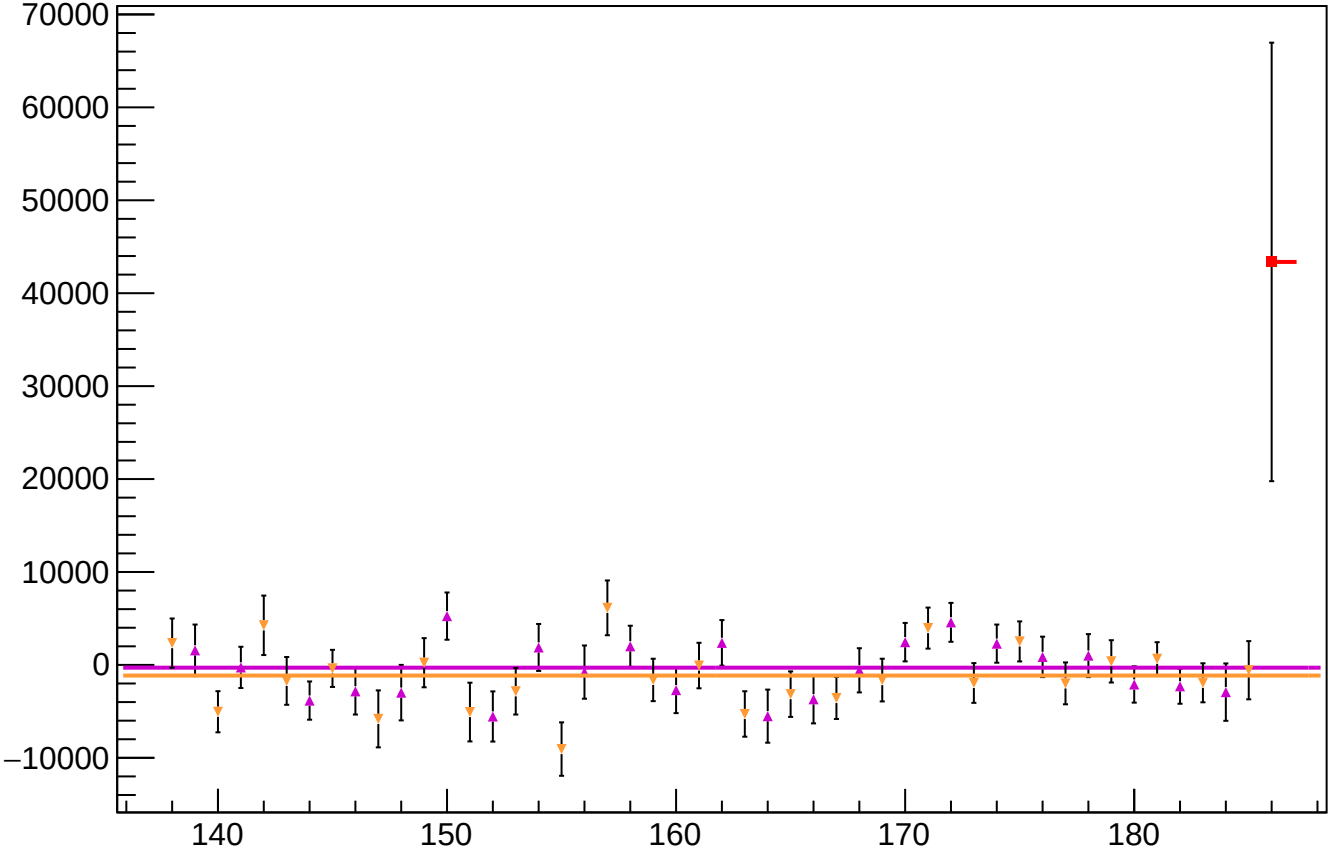
Right: 366.634+/-0.071 χ^2/NDF: 1684474.3/36

In: 313.709+/-0.046 χ^2/NDF:1121816.4/39

Out: 315.678+/-0.045 χ^2/NDF:1802212.0/44

All: 314.710+/-0.032 χ^2/NDF: 2924979.3/84

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1146.466+/-479.950 χ^2/NDF:41.3/24

Right Out: 43365.102+/-23595.508 χ^2/NDF: 0.0/0

Left In: -298.915+/-491.476 χ^2/NDF:35.0/22

Left: -732.745+/-343.379 χ^2/NDF: 77.8/47

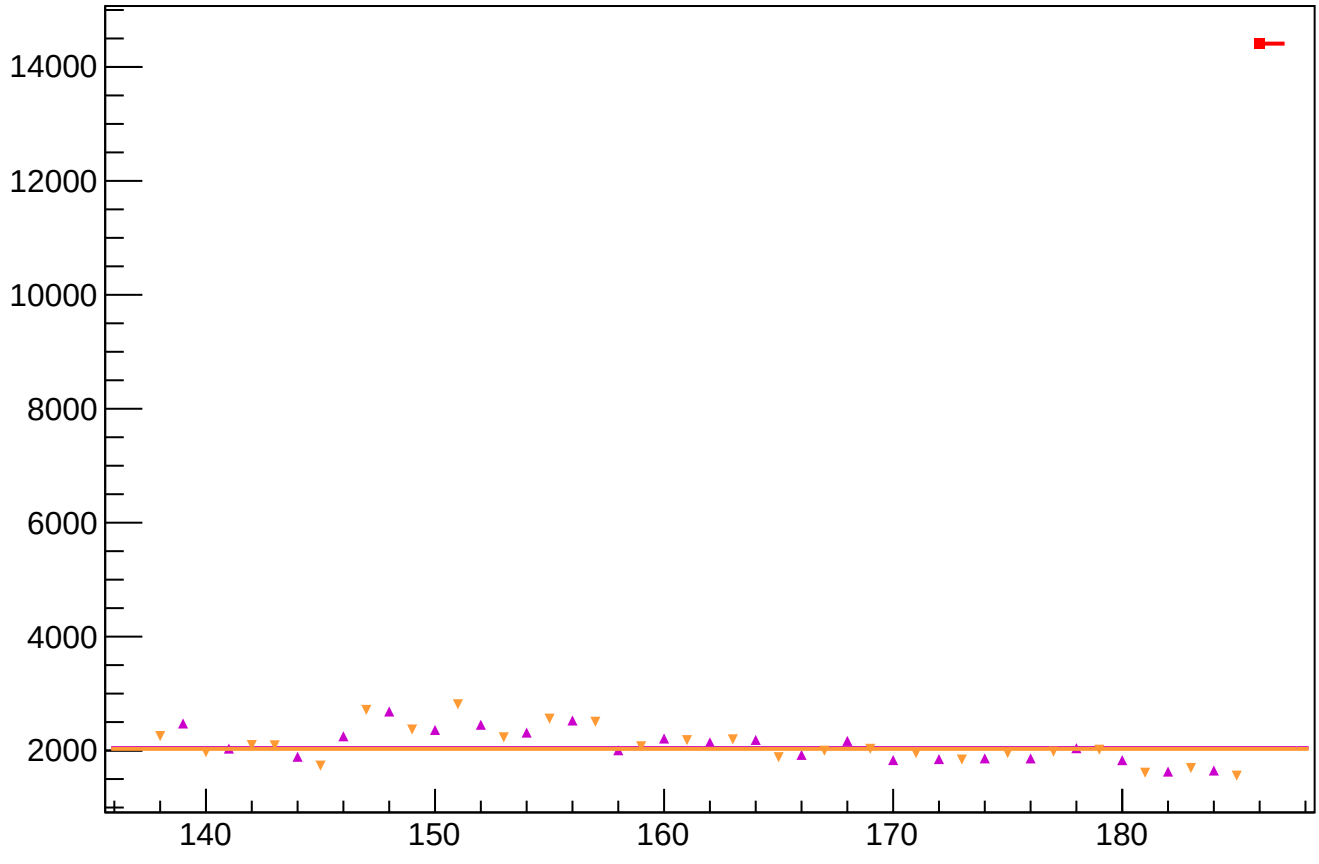
Right: 43365.102+/-23595.508 χ^2/NDF: 0.0/0

In: -298.915+/-491.476 χ^2/NDF:35.0/22

Out: -1128.057+/-479.851 χ^2/NDF:44.8/25

All: -723.408+/-343.342 χ^2/NDF: 81.3/48

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 2030.179+/-0.339 χ^2/NDF:702523.9/24

Right Out: 14409.679+/-16.685 χ^2/NDF: 0.0/0

Left In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

Left: 2036.953+/-0.243 χ^2/NDF: 1273875.5/47

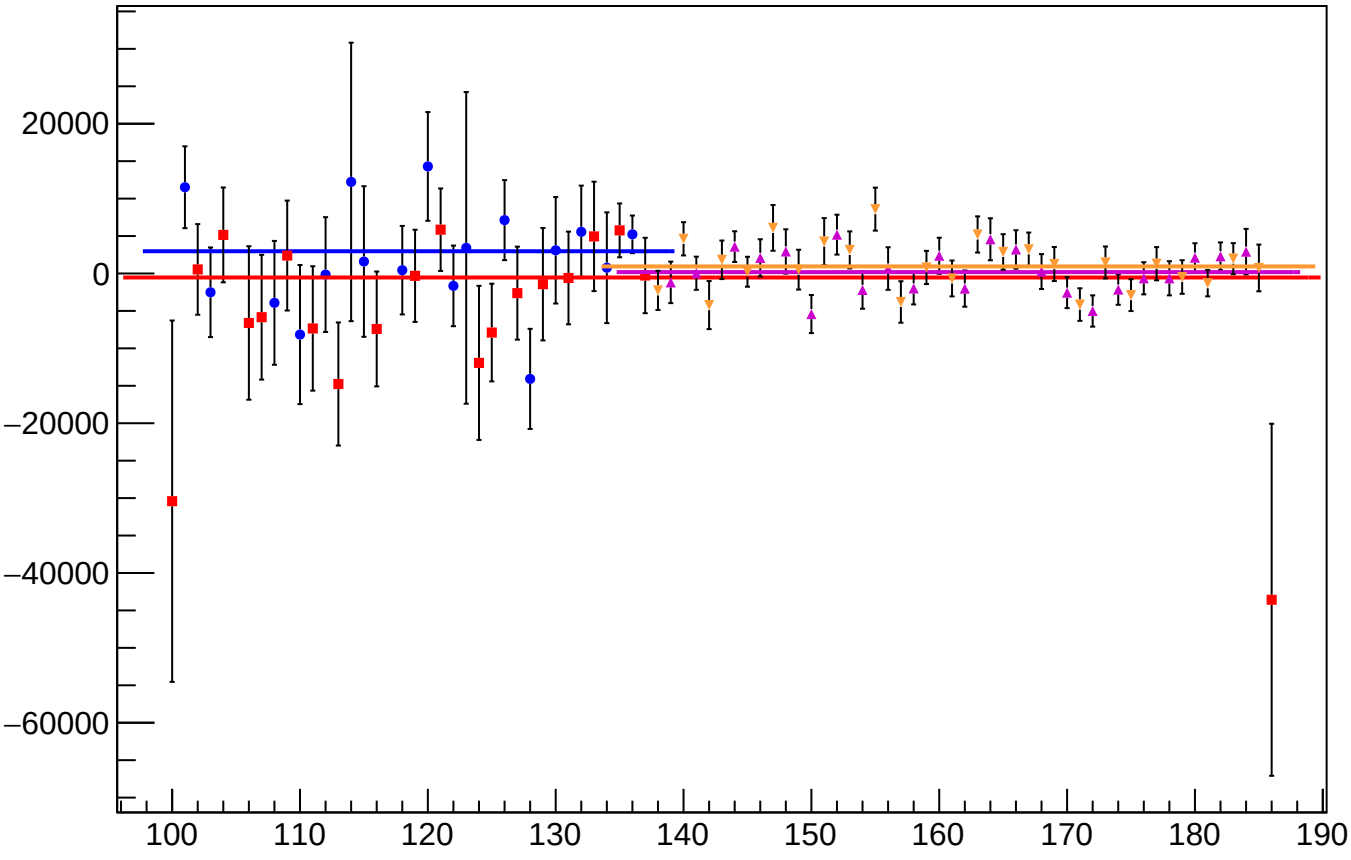
Right: 14409.679+/-16.685 χ^2/NDF: 0.0/0

In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

Out: 2035.299+/-0.339 χ^2/NDF:1252821.8/25

All: 2039.573+/-0.243 χ^2/NDF: 1823682.3/48

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 942.775+/-474.439 χ^2/NDF:38.3/24

Right Out: -535.568+/-1503.977 χ^2/NDF: 18.7/19

Left In: 180.087+/-486.112 χ^2/NDF:32.9/22

Left: 570.698+/-339.531 χ^2/NDF: 72.5/47

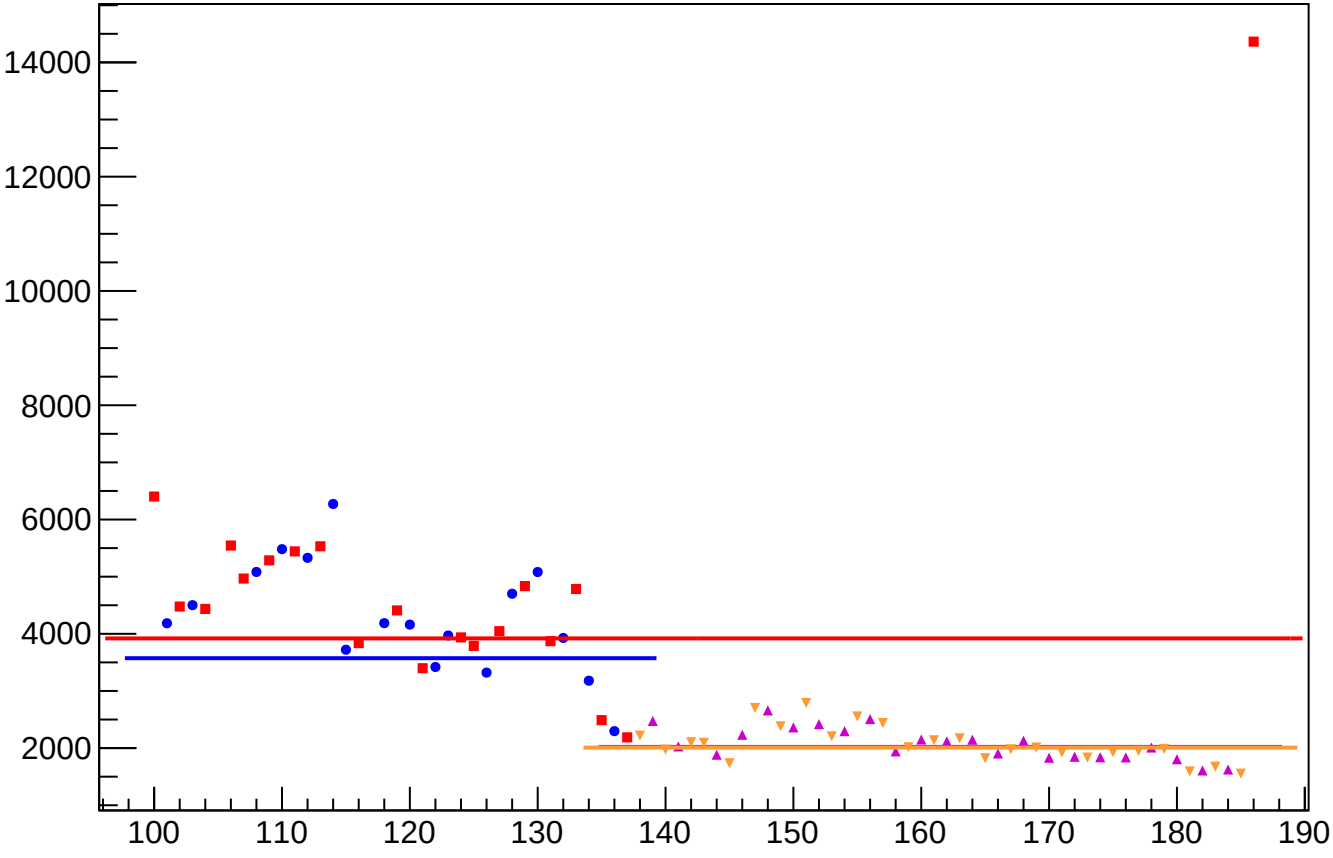
Right: 1292.311+/-1040.300 χ^2/NDF: 38.9/36

In: 465.234+/-460.592 χ^2/NDF:53.7/39

Out: 808.976+/-452.460 χ^2/NDF:57.9/44

All: 640.166+/-322.774 χ^2/NDF: 111.8/84

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2008.897+/-0.335 χ^2/NDF:709254.4/24

Right Out: 3919.832+/-1.063 χ^2/NDF: 1384716.7/19

Left In: 2020.887+/-0.344 χ^2/NDF:576363.5/22

Left: 2014.747+/-0.240 χ^2/NDF: 1286241.1/47

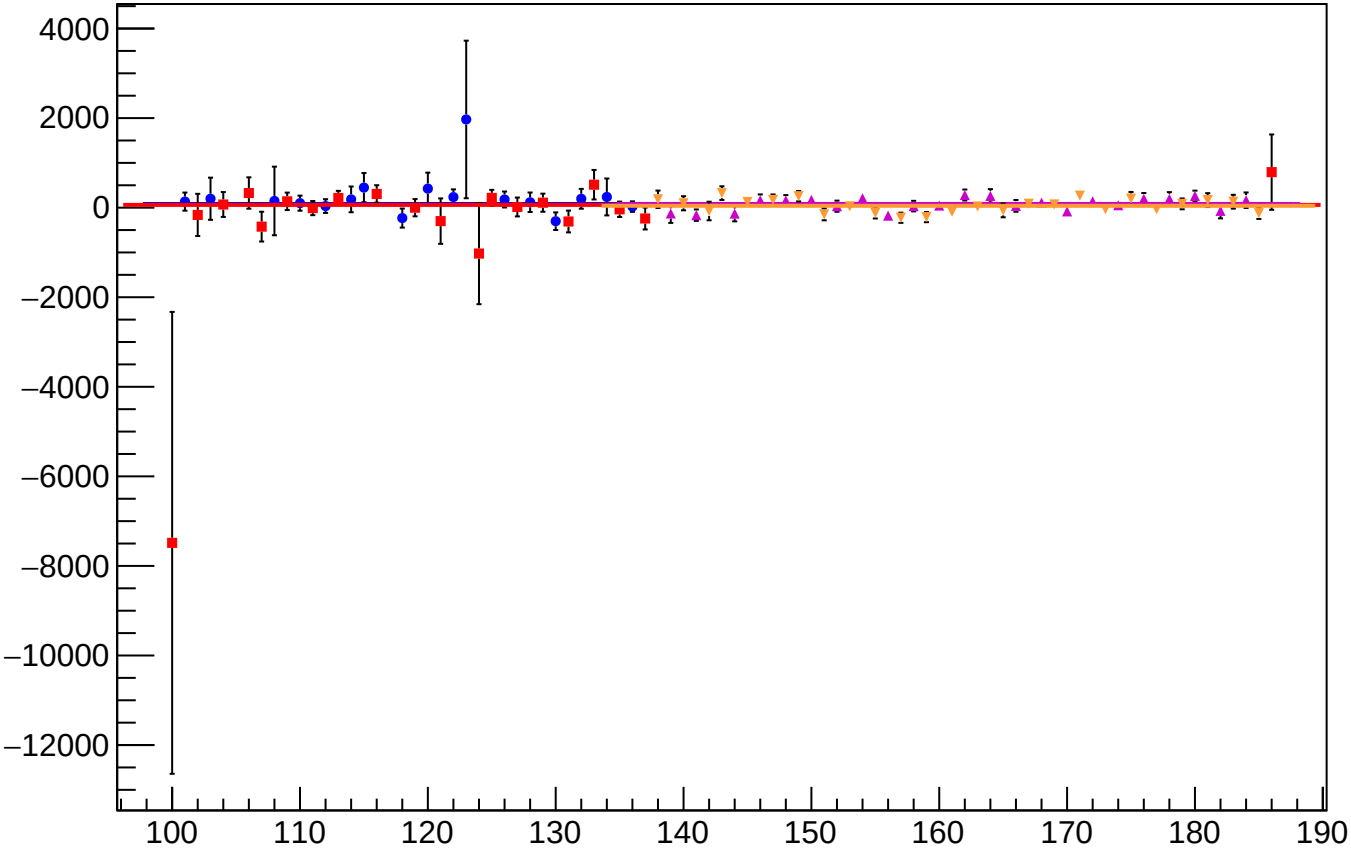
Right: 3739.186+/-0.736 χ^2/NDF: 2528771.0/36

In: 2179.621+/-0.326 χ^2/NDF:3750932.7/39

Out: 2181.848+/-0.320 χ^2/NDF:5030530.2/44

All: 2180.754+/-0.228 χ^2/NDF: 8781486.7/84

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 41.847+/-23.035 χ^2/NDF:39.1/24

Right Out: 61.929+/-53.060 χ^2/NDF: 17.2/19

Left In: 82.630+/-24.154 χ^2/NDF:28.6/22

Left: 61.273+/-16.670 χ^2/NDF: 69.2/47

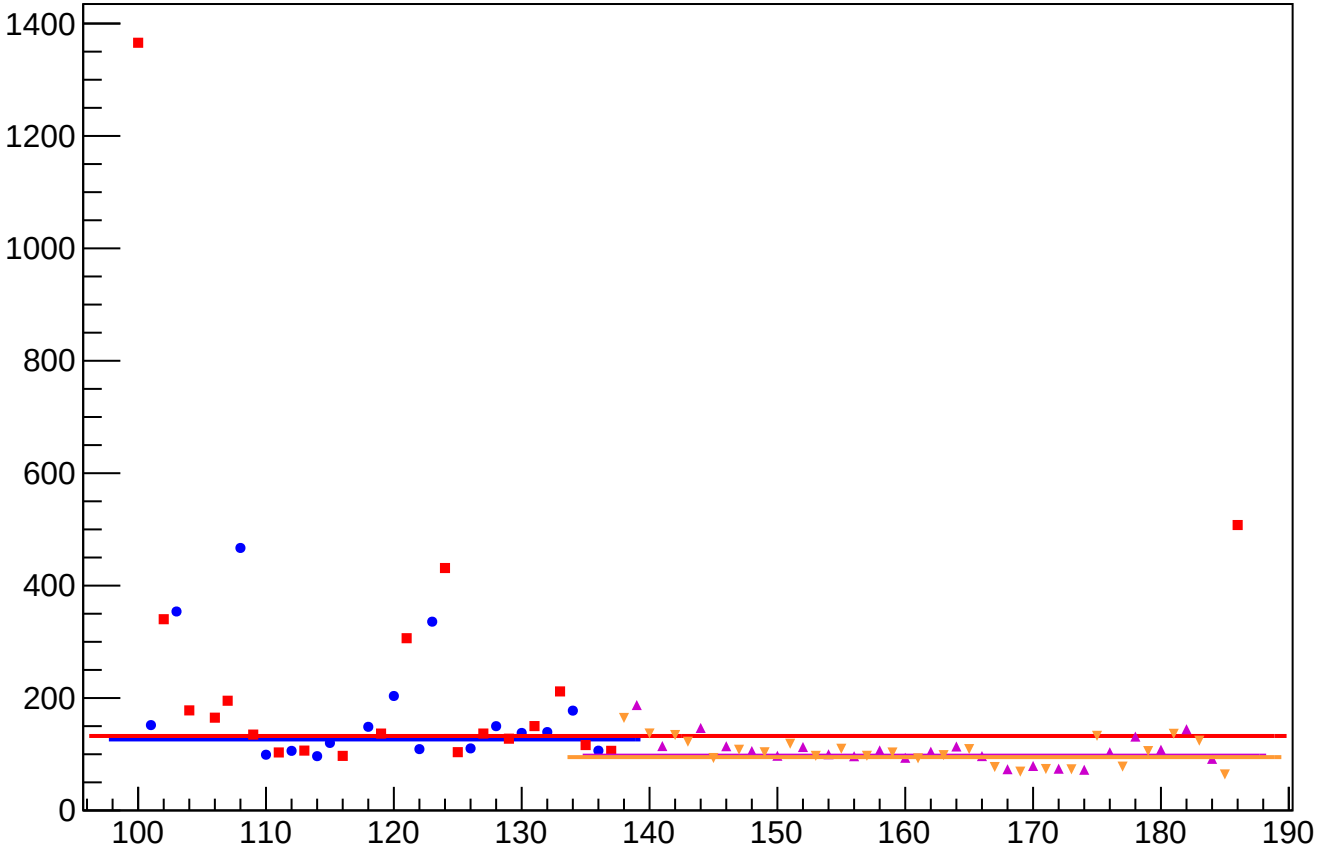
Right: 72.108+/-37.105 χ^2/NDF: 28.8/36

In: 82.491+/-21.899 χ^2/NDF:40.1/39

Out: 45.032+/-21.130 χ^2/NDF:56.4/44

All: 63.092+/-15.206 χ^2/NDF: 98.1/84

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 94.886+/-0.016 χ^2/NDF:1796861.0/24

Right Out: 132.505+/-0.038 χ^2/NDF: 1828722.4/19

Left In: 97.499+/-0.017 χ^2/NDF:1561333.1/22

Left: 96.131+/-0.012 χ^2/NDF: 3370445.2/47

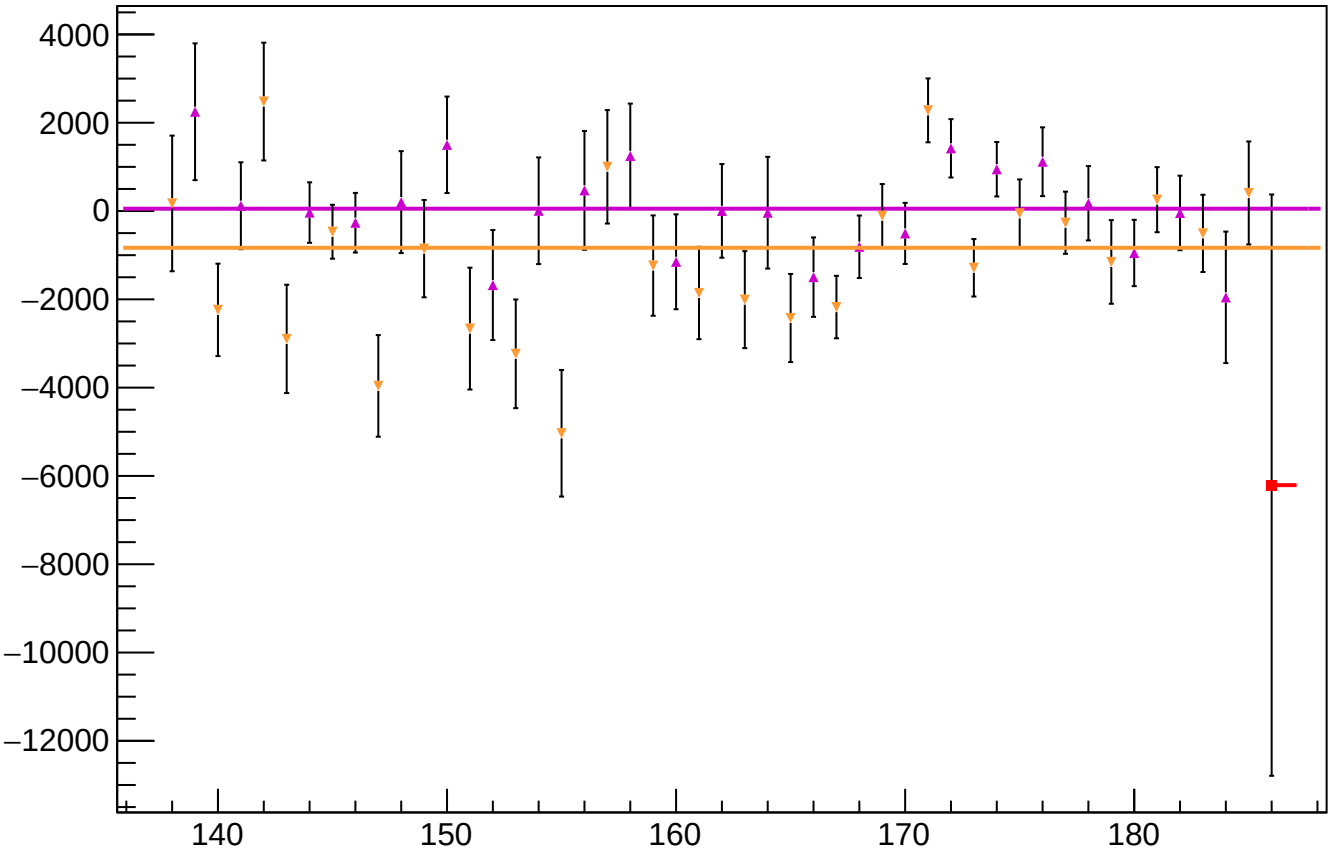
Right: 129.355+/-0.026 χ^2/NDF: 3153109.2/36

In: 102.632+/-0.015 χ^2/NDF:3379452.1/39

Out: 100.852+/-0.015 χ^2/NDF:4471502.3/44

All: 101.710+/-0.011 χ^2/NDF: 7857793.9/84

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -832.580+/-183.960 χ^2/NDF:68.8/24

Right Out: -6208.527+/-6583.370 χ^2/NDF: 0.0/0

Left In: 53.006+/-184.870 χ^2/NDF:25.3/22

Left: -391.972+/-130.400 χ^2/NDF: 105.7/47

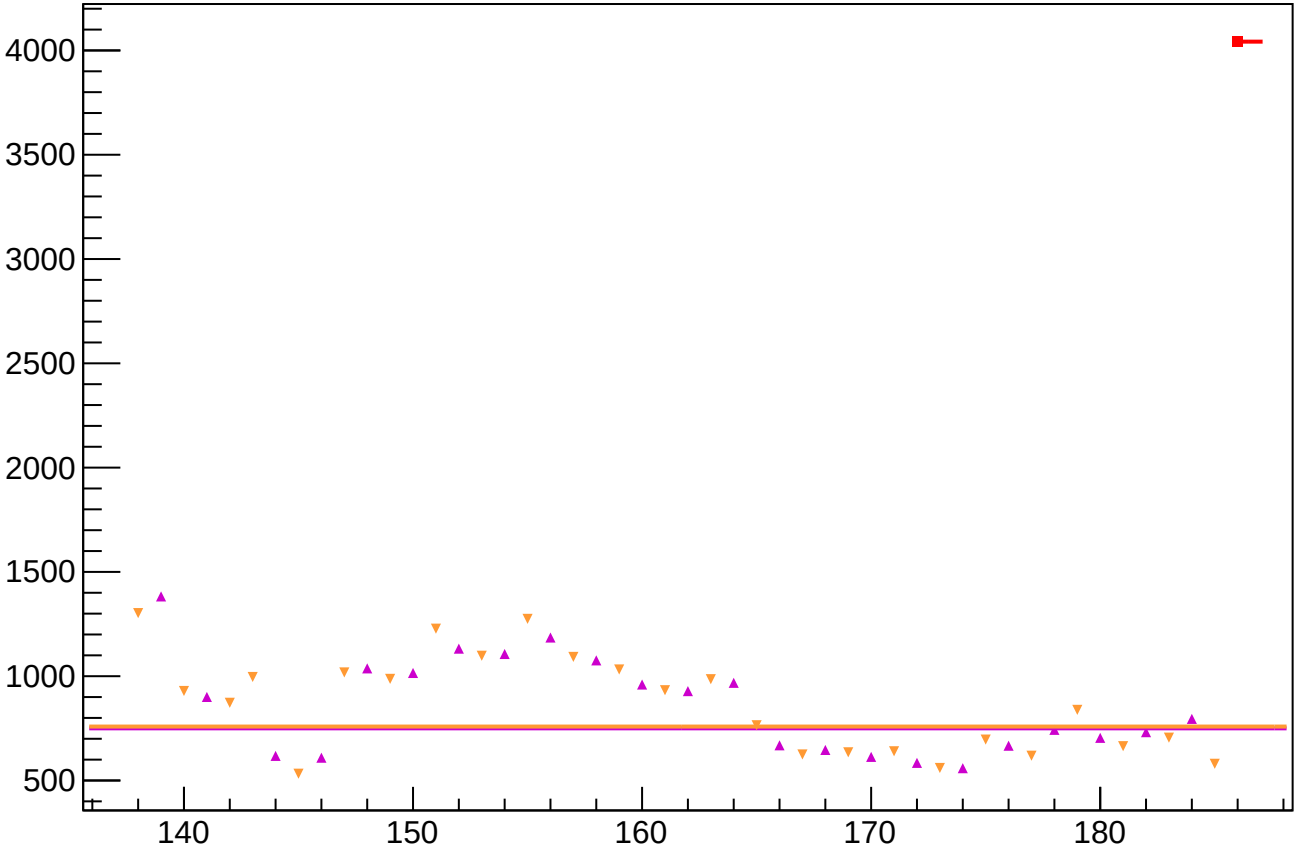
Right: -6208.527+/-6583.370 χ^2/NDF: 0.0/0

In: 53.006+/-184.870 χ^2/NDF:25.3/22

Out: -836.774+/-183.888 χ^2/NDF:69.5/25

All: -394.253+/-130.374 χ^2/NDF: 106.4/48

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 758.608+/-0.130 χ^2/NDF:2453711.9/24

Right Out: 4042.218+/-4.655 χ^2/NDF: 0.0/0

Left In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

Left: 754.323+/-0.092 χ^2/NDF: 4642527.3/47

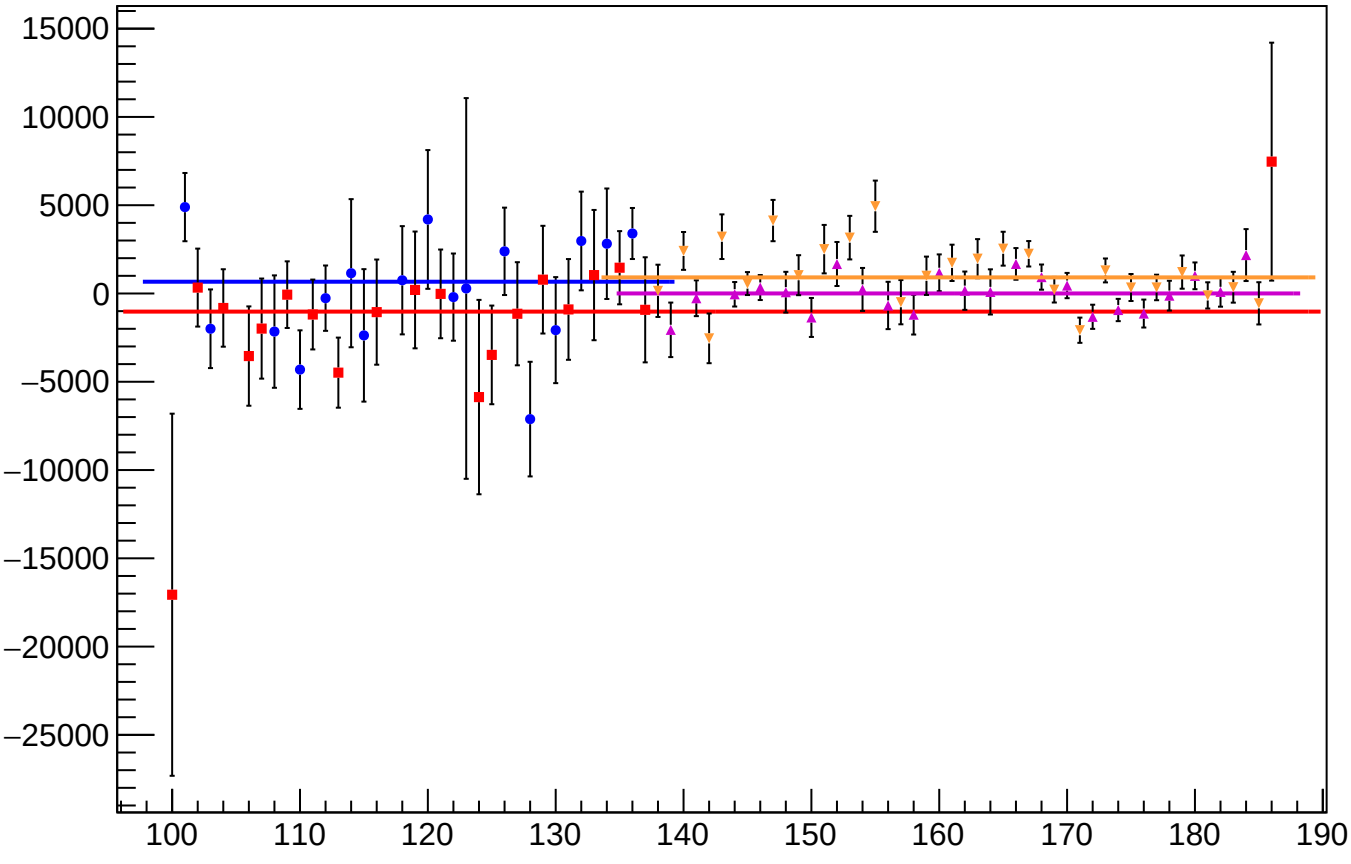
Right: 4042.218+/-4.655 χ^2/NDF: 0.0/0

In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

Out: 761.169+/-0.130 χ^2/NDF:2950873.5/25

All: 755.612+/-0.092 χ^2/NDF: 5141180.8/48

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 911.919+/-186.104 χ^2/NDF:64.9/24

Right Out: -1026.341+/-600.244 χ^2/NDF: 12.6/19

Left In: 2.470+/-187.271 χ^2/NDF:25.6/22

Left: 460.036+/-132.006 χ^2/NDF: 102.4/47

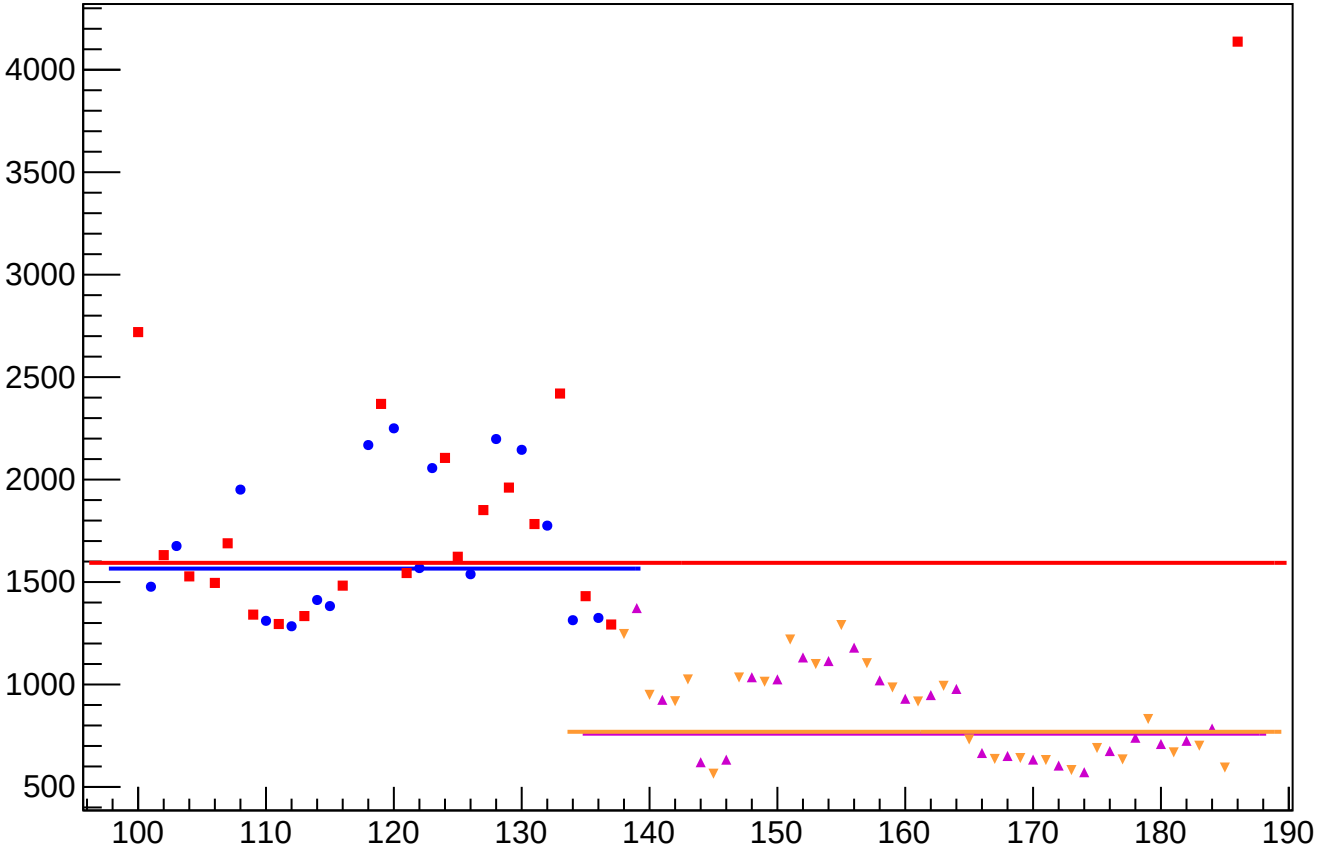
Right: -205.760+/-430.860 χ^2/NDF: 42.1/36

In: 58.174+/-179.244 χ^2/NDF:52.3/39

Out: 741.935+/-177.757 χ^2/NDF:87.0/44

All: 402.903+/-126.215 χ^2/NDF: 146.7/84

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 769.207+/-0.132 χ^2/NDF:2275390.6/24

Right Out: 1593.709+/-0.424 χ^2/NDF: 749262.5/19

Left In: 759.935+/-0.132 χ^2/NDF:2014703.5/22

Left: 764.600+/-0.093 χ^2/NDF: 4292560.8/47

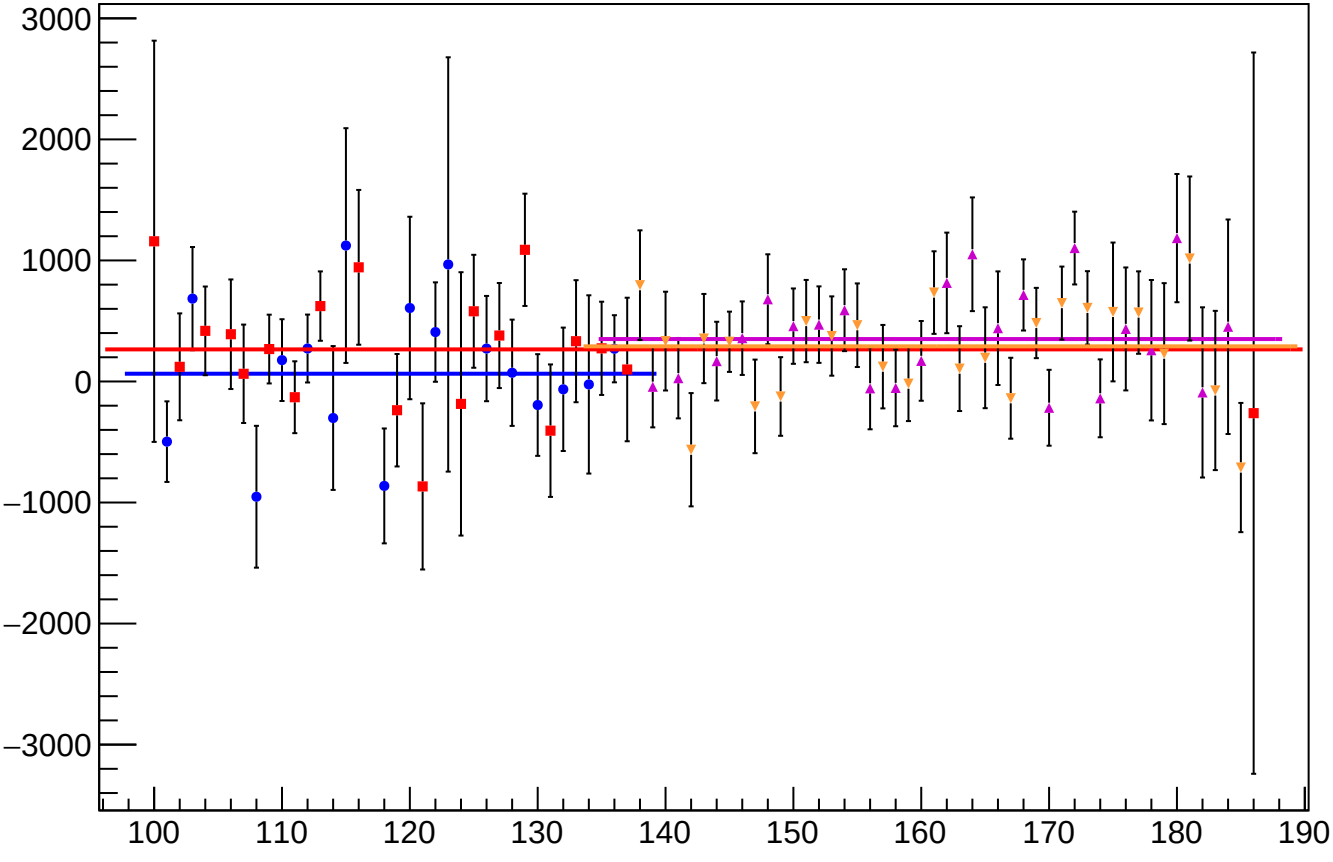
Right: 1580.094+/-0.305 χ^2/NDF: 1242175.3/36

In: 827.528+/-0.127 χ^2/NDF:5611150.6/39

Out: 841.515+/-0.126 χ^2/NDF:6467325.5/44

All: 834.580+/-0.089 χ^2/NDF: 12084616.9/84

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 290.293+/-72.910 χ^2/NDF:22.3/24

Right Out: 265.075+/-99.324 χ^2/NDF: 14.7/19

Left In: 350.522+/-75.911 χ^2/NDF:27.4/22

Left: 319.194+/-52.584 χ^2/NDF: 50.1/47

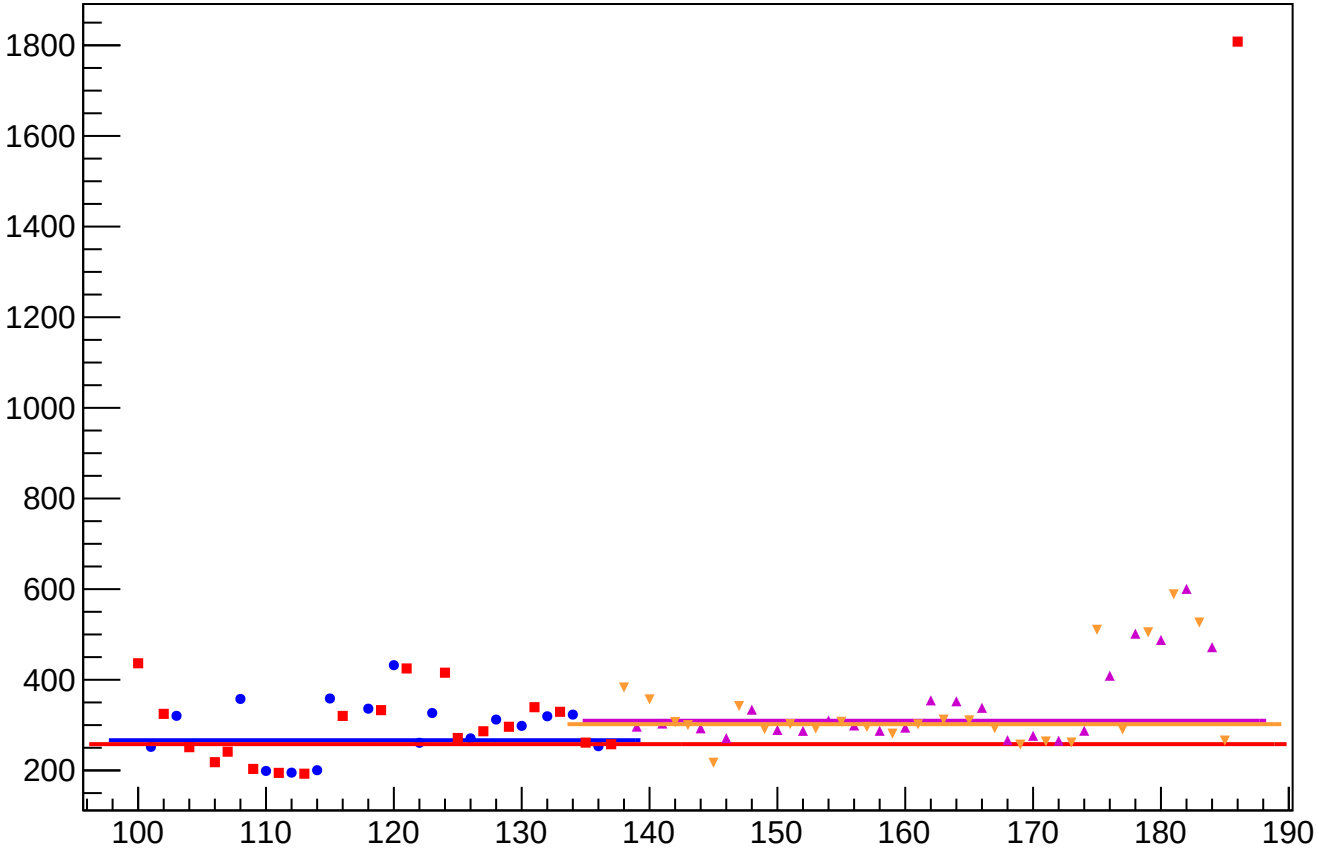
Right: 170.480+/-72.265 χ^2/NDF: 33.4/36

In: 252.613+/-61.585 χ^2/NDF:49.0/39

Out: 281.463+/-58.775 χ^2/NDF:37.1/44

All: 267.711+/-42.519 χ^2/NDF: 86.2/84

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 302.040+/-0.052 χ^2/NDF:1597233.8/24

Right Out: 257.993+/-0.070 χ^2/NDF: 1238851.8/19

Left In: 309.609+/-0.054 χ^2/NDF:1180280.8/22

Left: 305.672+/-0.037 χ^2/NDF: 2787857.1/47

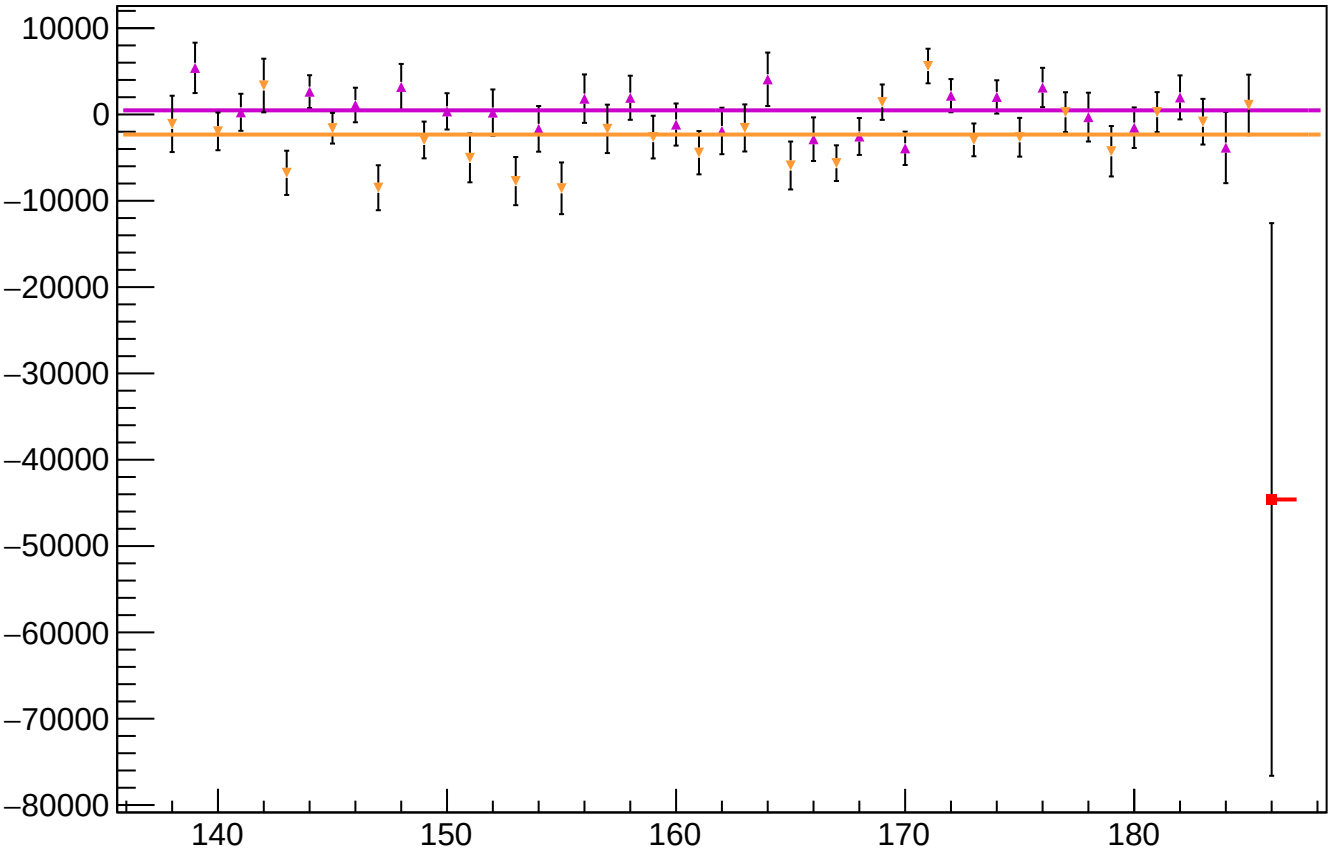
Right: 262.055+/-0.051 χ^2/NDF: 1796713.1/36

In: 294.916+/-0.044 χ^2/NDF:1950238.8/39

Out: 286.617+/-0.042 χ^2/NDF:3091690.4/44

All: 290.573+/-0.030 χ^2/NDF: 5060939.0/84

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -2325.488+/-486.043 χ^2/NDF:49.8/24

Right Out: -44602.426+/-32012.932 χ^2/NDF: 0.0/0

Left In: 477.779+/-494.228 χ^2/NDF:23.1/22

Left: -947.260+/-346.542 χ^2/NDF: 89.2/47

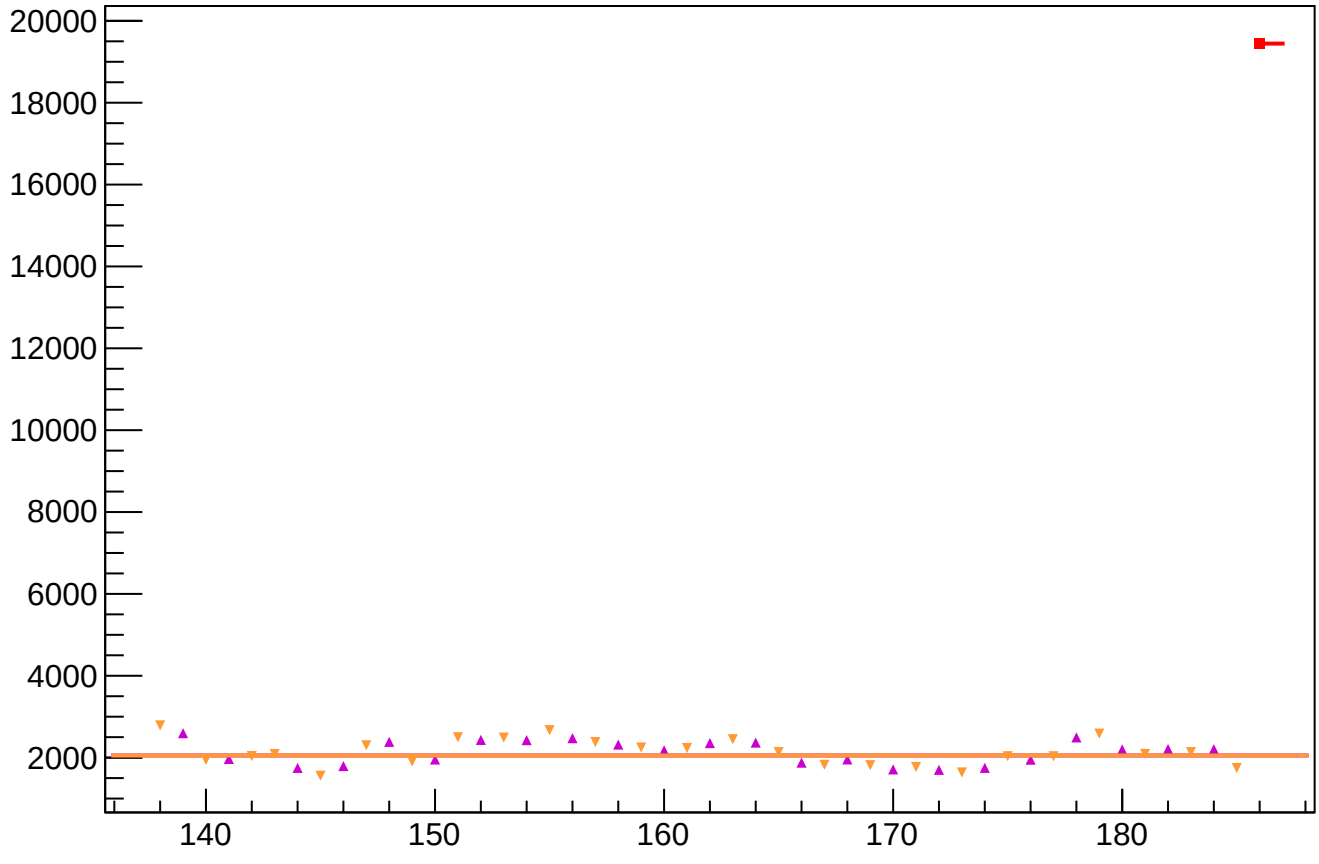
Right: -44602.426+/-32012.932 χ^2/NDF: 0.0/0

In: 477.779+/-494.228 χ^2/NDF:23.1/22

Out: -2335.231+/-485.987 χ^2/NDF:51.6/25

All: -952.375+/-346.522 χ^2/NDF: 91.1/48

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 2052.401+/-0.344 χ^2/NDF:838023.2/24

Right Out: 19444.421+/-22.637 χ^2/NDF: 0.0/0

Left In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

Left: 2052.392+/-0.245 χ^2/NDF: 1491895.3/47

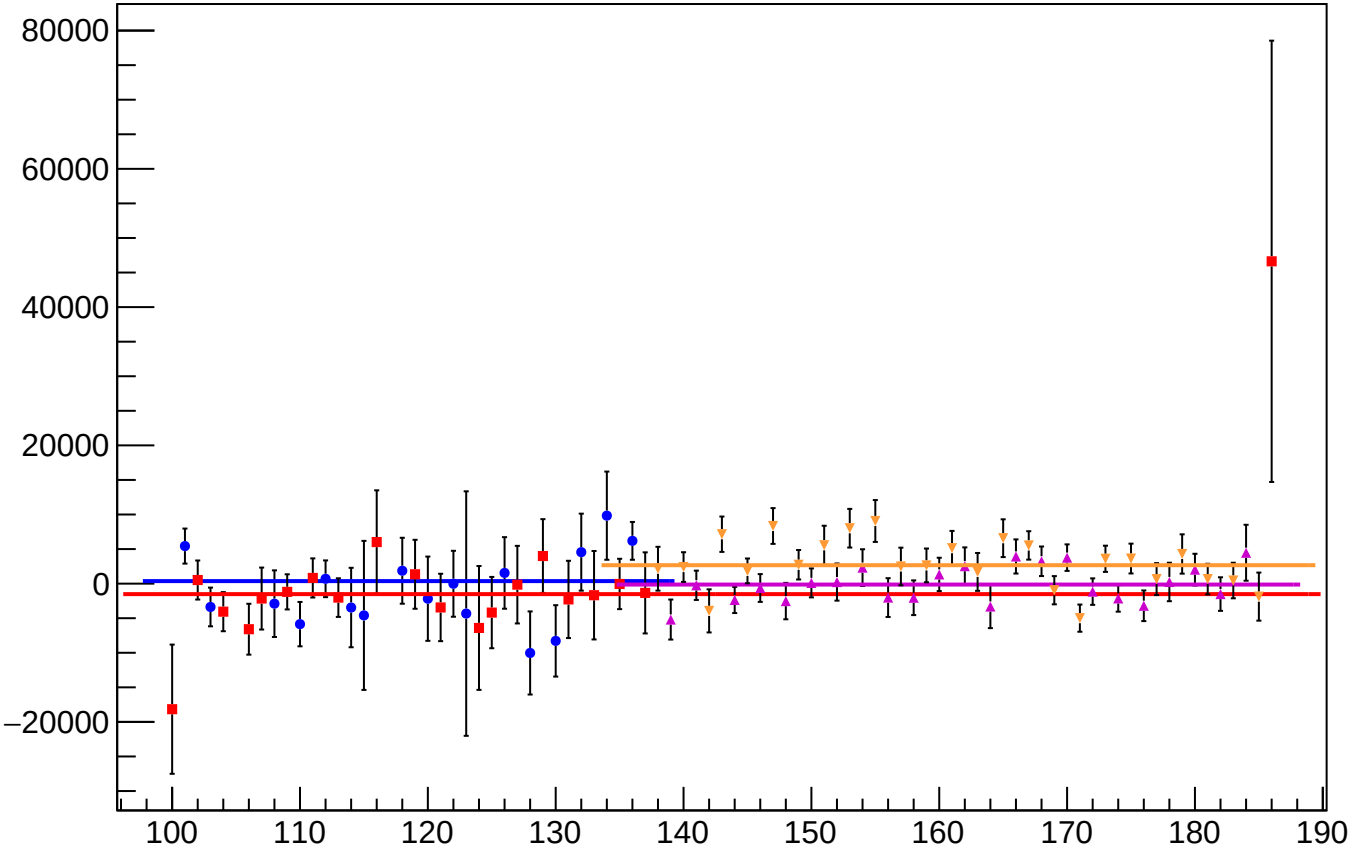
Right: 19444.421+/-22.637 χ^2/NDF: 0.0/0

In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

Out: 2056.409+/-0.344 χ^2/NDF:1428195.8/25

All: 2054.430+/-0.245 χ^2/NDF: 2082135.4/48

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 2667.050+/-480.963 χ^2/NDF:50.0/24

Right Out: -1517.038+/-923.616 χ^2/NDF: 12.8/19

Left In: -132.307+/-489.752 χ^2/NDF:24.7/22

Left: 1292.715+/-343.157 χ^2/NDF: 91.3/47

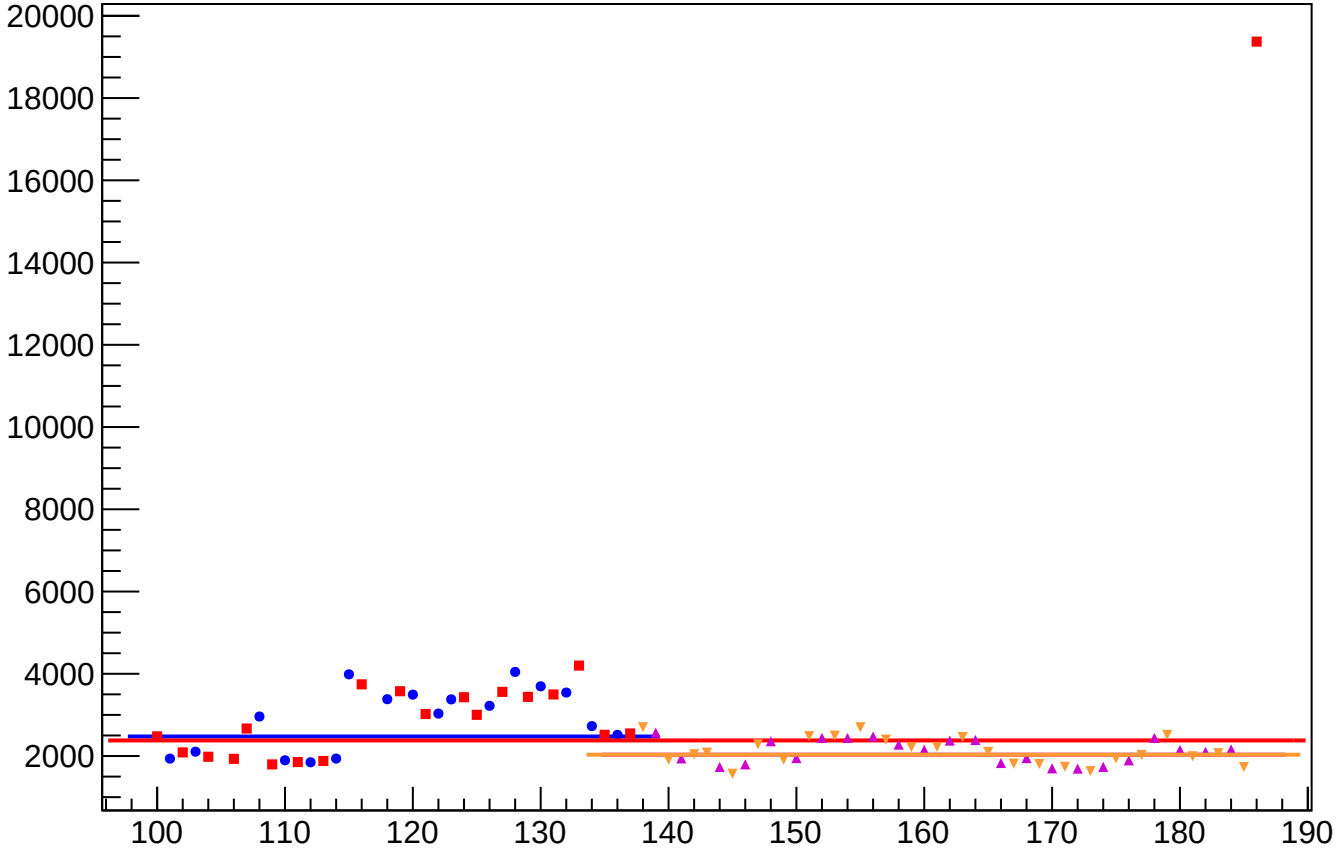
Right: -642.898+/-676.131 χ^2/NDF: 38.9/36

In: -34.639+/-439.190 χ^2/NDF:49.1/39

Out: 1774.489+/-426.589 χ^2/NDF:78.9/44

All: 896.249+/-306.002 χ^2/NDF: 136.8/84

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2032.502+/-0.340 χ^2/NDF:824418.6/24

Right Out: 2378.751+/-0.653 χ^2/NDF: 1590933.9/19

Left In: 2031.692+/-0.346 χ^2/NDF:653382.0/22

Left: 2032.104+/-0.243 χ^2/NDF: 1477803.4/47

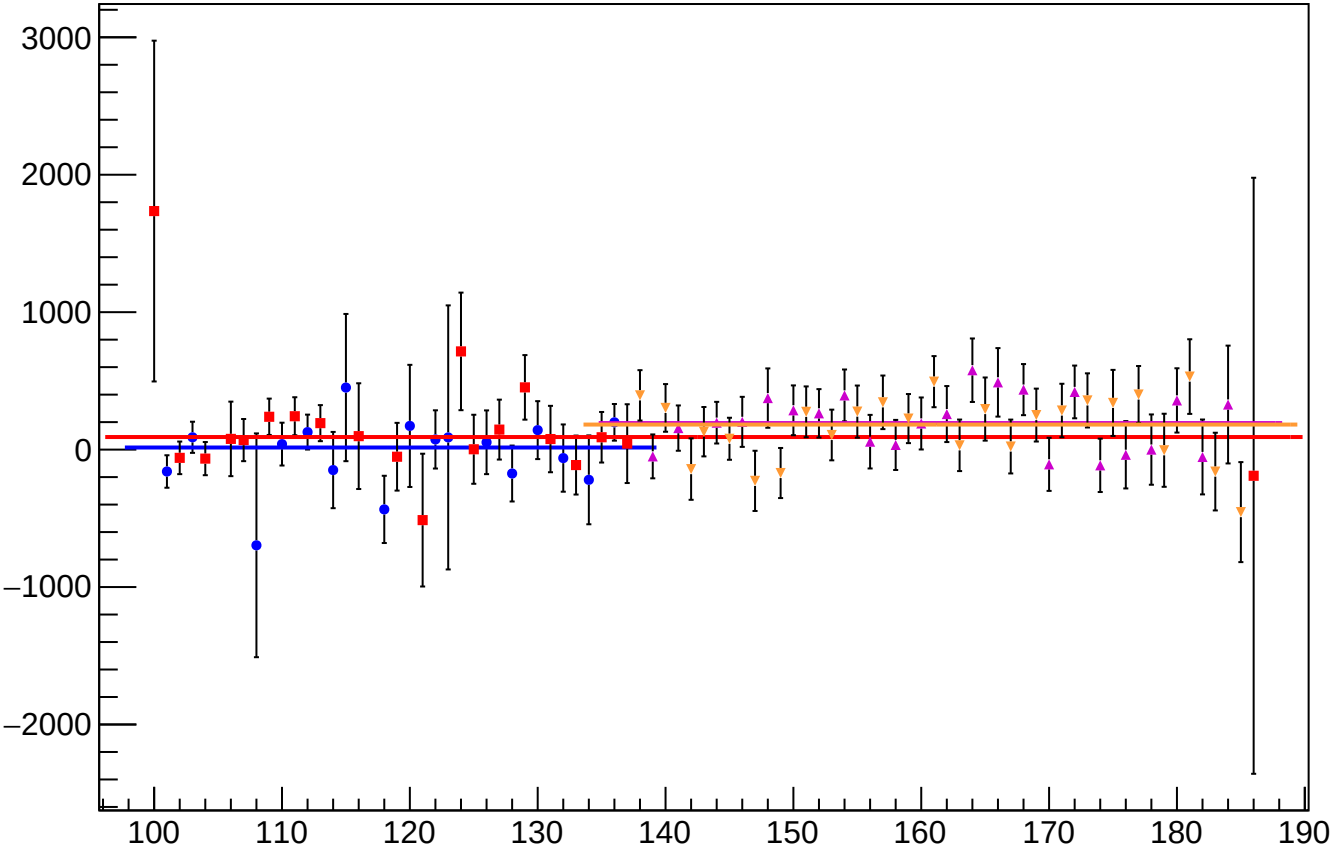
Right: 2423.137+/-0.478 χ^2/NDF: 2507148.3/36

In: 2118.382+/-0.311 χ^2/NDF:1879644.8/39

Out: 2106.365+/-0.302 χ^2/NDF:2636469.4/44

All: 2112.198+/-0.216 χ^2/NDF: 4516884.7/84

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 182.238+/-40.102 χ^2/NDF:26.9/24

Right Out: 91.521+/-43.310 χ^2/NDF: 15.7/19

Left In: 193.004+/-41.384 χ^2/NDF:21.1/22

Left: 187.451+/-28.799 χ^2/NDF: 48.0/47

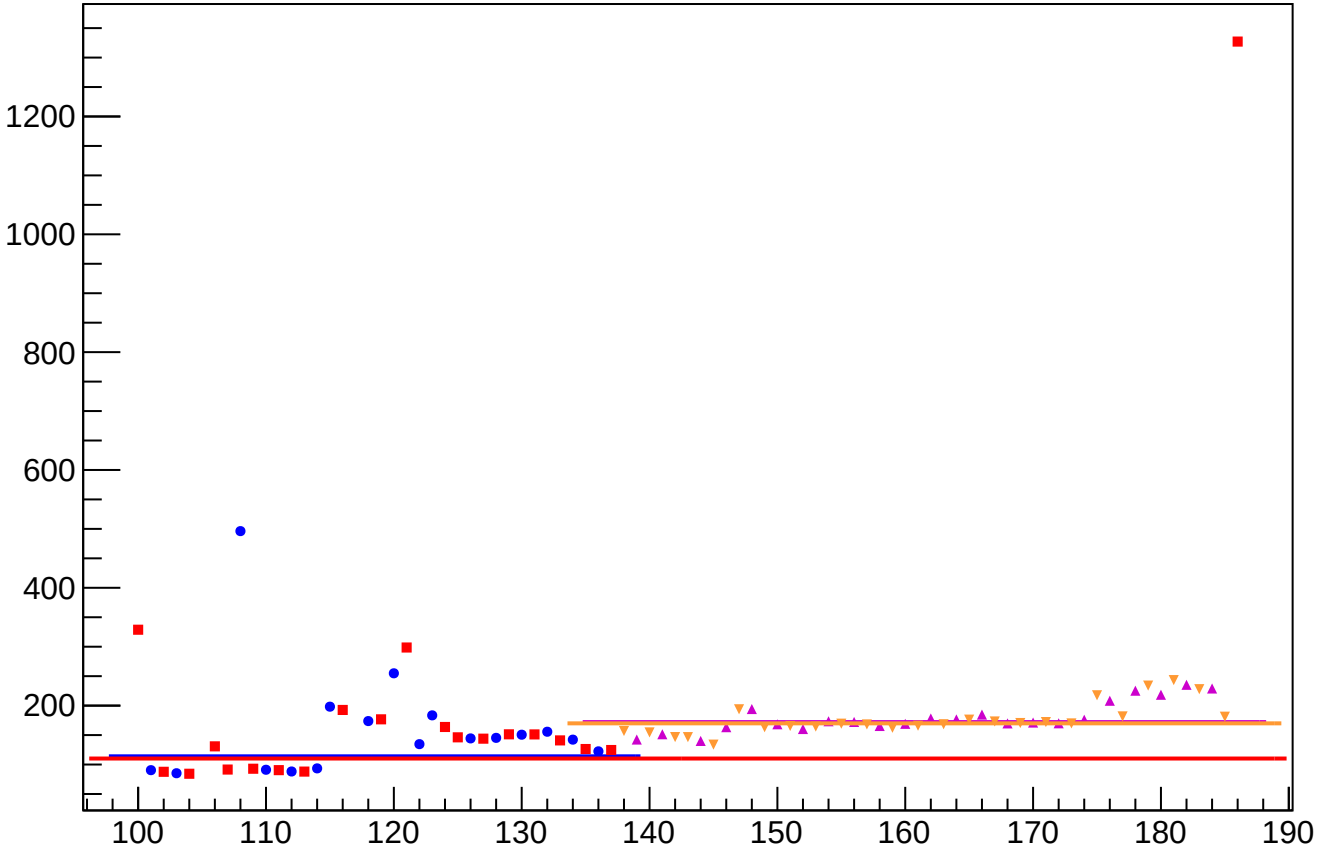
Right: 56.070+/-31.674 χ^2/NDF: 29.7/36

In: 114.355+/-30.898 χ^2/NDF:41.8/39

Out: 140.363+/-29.425 χ^2/NDF:45.0/44

All: 127.994+/-21.308 χ^2/NDF: 87.1/84

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 169.906+/-0.028 χ^2/NDF:663159.2/24

Right Out: 110.195+/-0.031 χ^2/NDF: 1872252.5/19

Left In: 172.065+/-0.029 χ^2/NDF:589733.9/22

Left: 170.952+/-0.020 χ^2/NDF: 1255701.2/47

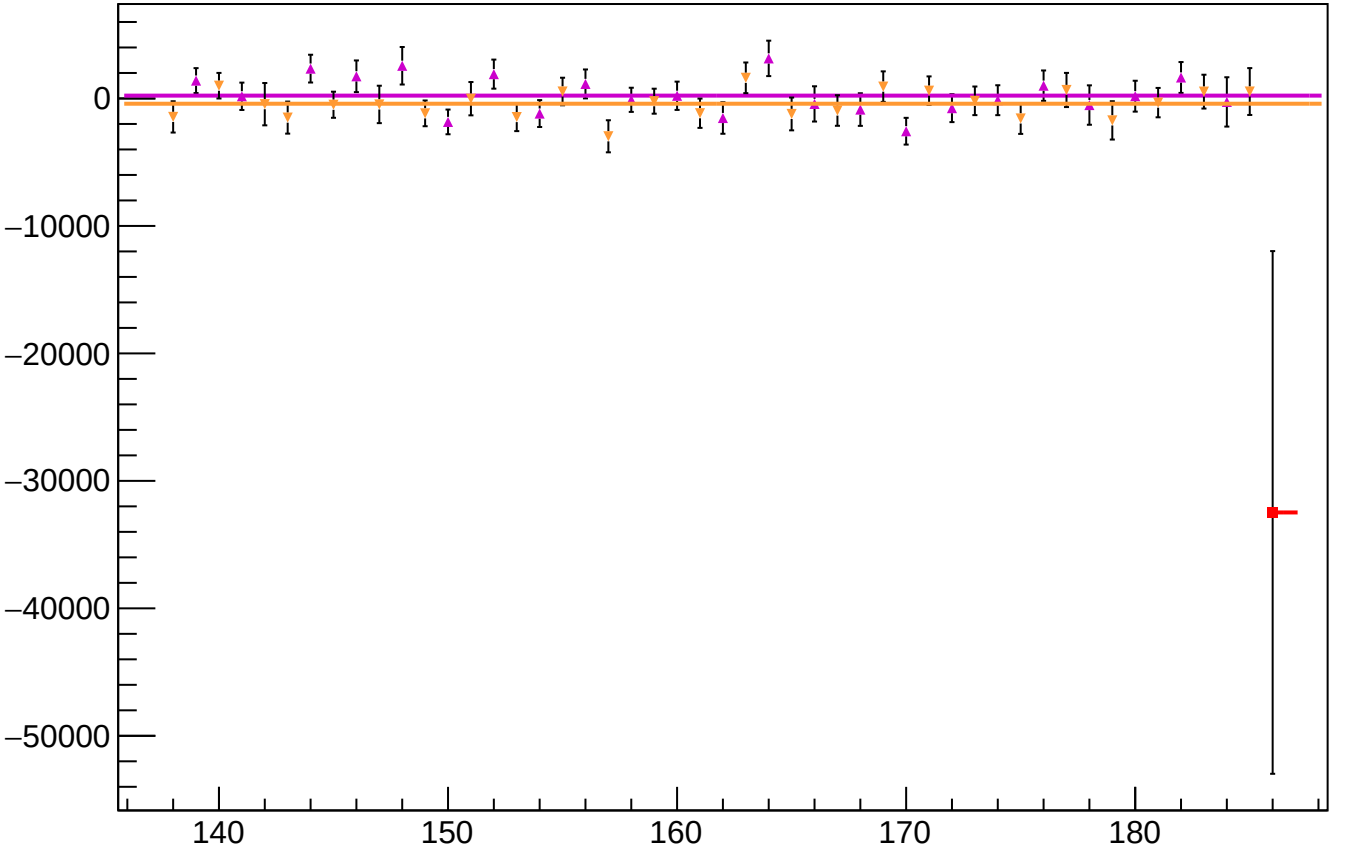
Right: 111.933+/-0.022 χ^2/NDF: 3287026.0/36

In: 146.336+/-0.022 χ^2/NDF:3744249.3/39

Out: 142.343+/-0.021 χ^2/NDF:4582197.7/44

All: 144.242+/-0.015 χ^2/NDF: 8343960.0/84

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -412.804+/-240.278 χ^2/NDF:19.0/24

Right Out: -32476.983+/-20502.790 χ^2/NDF: 0.0/0

Left In: 223.332+/-243.771 χ^2/NDF:36.0/22

Left: -99.327+/-171.124 χ^2/NDF: 58.5/47

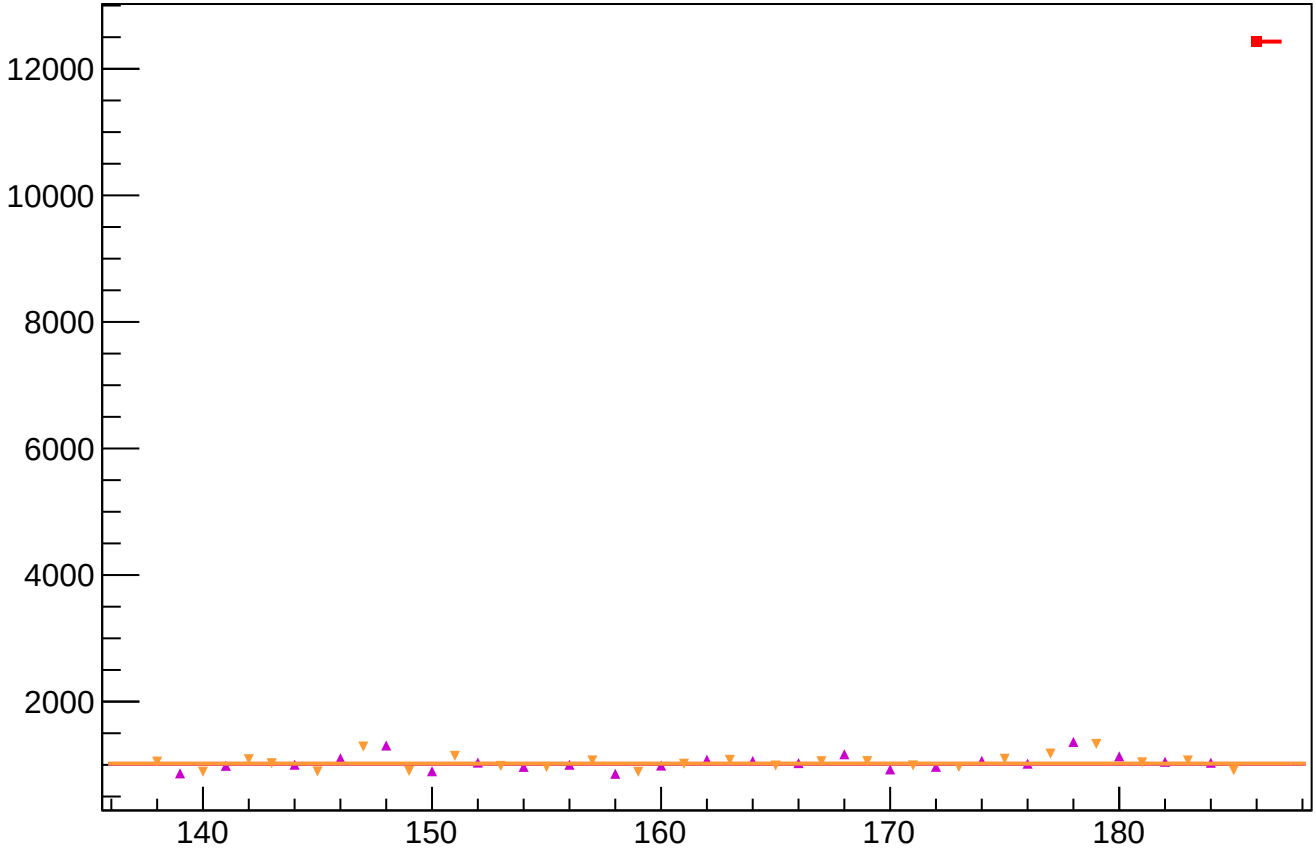
Right: -32476.983+/-20502.790 χ^2/NDF: 0.0/0

In: 223.332+/-243.771 χ^2/NDF:36.0/22

Out: -417.207+/-240.261 χ^2/NDF:21.5/25

All: -101.582+/-171.118 χ^2/NDF: 61.0/48

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1020.149+/-0.170 χ^2/NDF:369866.7/24

Right Out: 12430.459+/-14.498 χ^2/NDF: 0.0/0

Left In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

Left: 1017.611+/-0.121 χ^2/NDF: 775184.8/47

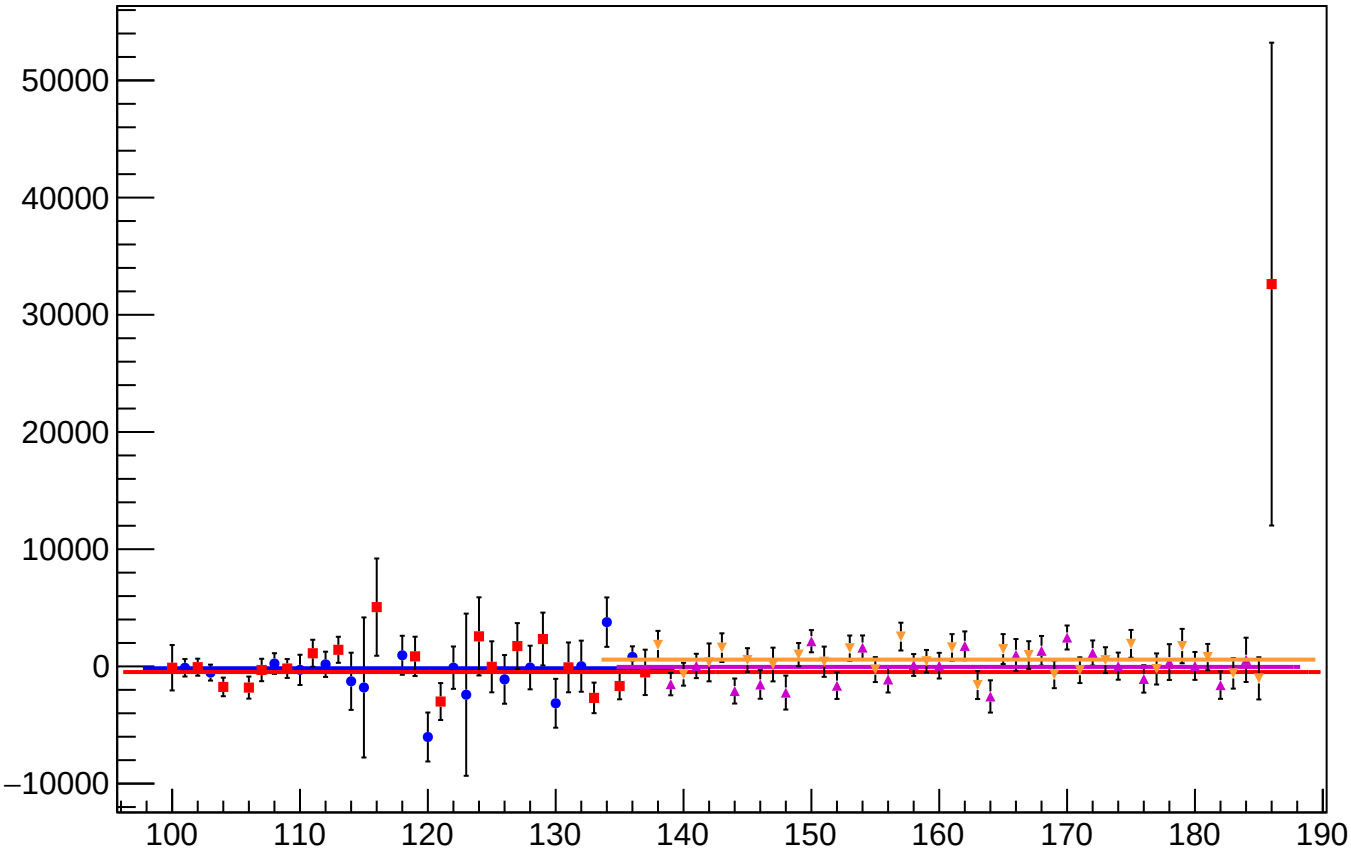
Right: 12430.459+/-14.498 χ^2/NDF: 0.0/0

In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

Out: 1021.716+/-0.170 χ^2/NDF:989221.3/25

All: 1018.406+/-0.121 χ^2/NDF: 1394856.8/48

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 580.226+/-235.583 χ^2/NDF:18.4/24

Right Out: -482.346+/-282.732 χ^2/NDF: 25.2/19

Left In: -42.397+/-239.278 χ^2/NDF:37.9/22

Left: 273.759+/-167.873 χ^2/NDF: 59.7/47

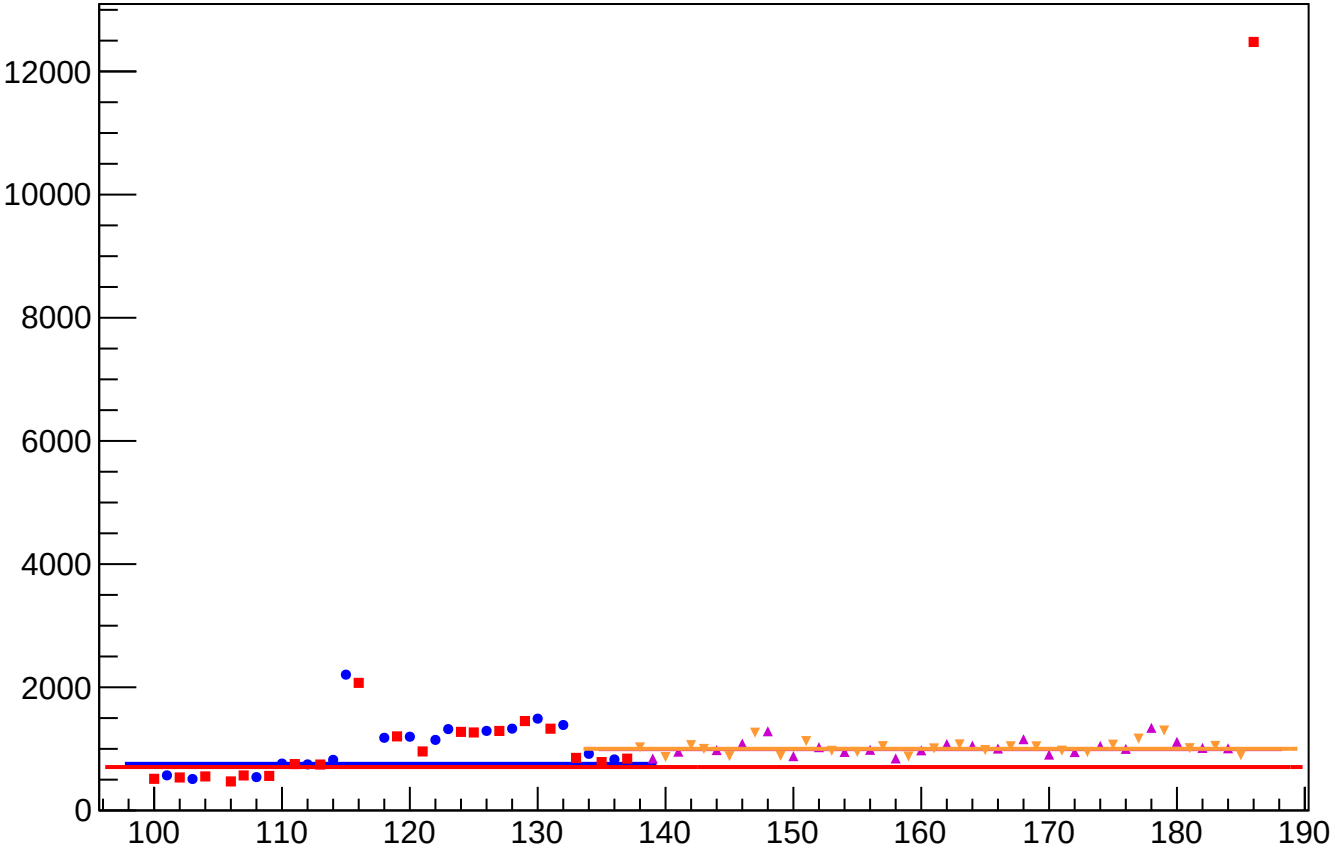
Right: -335.983+/-209.658 χ^2/NDF: 42.1/36

In: -84.820+/-189.982 χ^2/NDF:54.2/39

Out: 144.804+/-180.988 χ^2/NDF:51.9/44

All: 35.556+/-131.042 χ^2/NDF: 106.9/84

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 1001.233+/-0.167 χ^2/NDF:370278.3/24

Right Out: 704.875+/-0.200 χ^2/NDF: 2343115.9/19

Left In: 995.590+/-0.169 χ^2/NDF:424434.6/22

Left: 998.455+/-0.119 χ^2/NDF: 795277.7/47

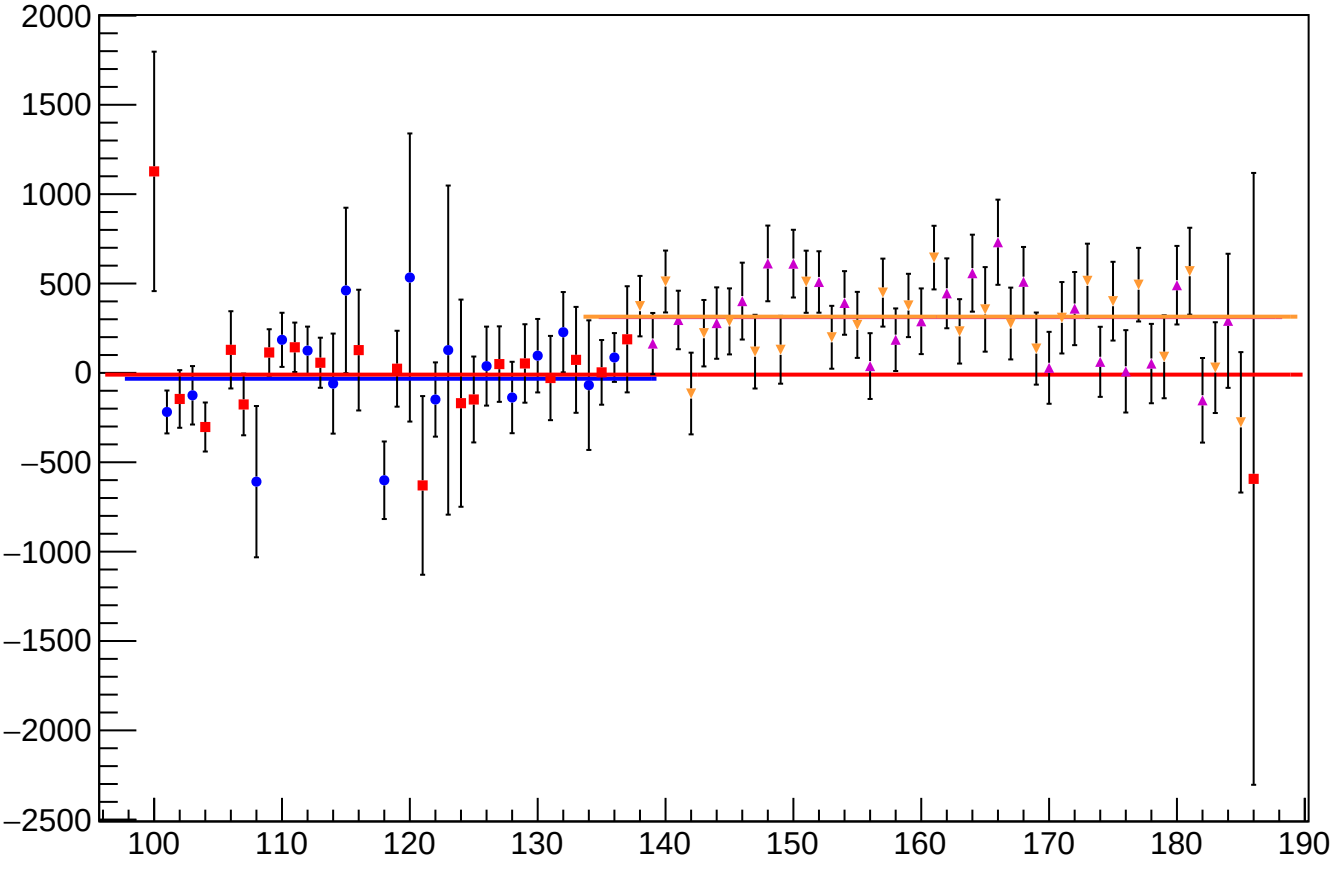
Right: 728.330+/-0.148 χ^2/NDF: 4084982.8/36

In: 907.403+/-0.134 χ^2/NDF:2870758.2/39

Out: 879.791+/-0.128 χ^2/NDF:4010358.2/44

All: 892.928+/-0.093 χ^2/NDF: 6903263.5/84

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 314.517+/-39.818 χ^2/NDF:21.4/24

Right Out: -9.690+/-45.583 χ^2/NDF: 14.8/19

Left In: 312.097+/-41.646 χ^2/NDF:26.9/22

Left: 313.361+/-28.780 χ^2/NDF: 48.3/47

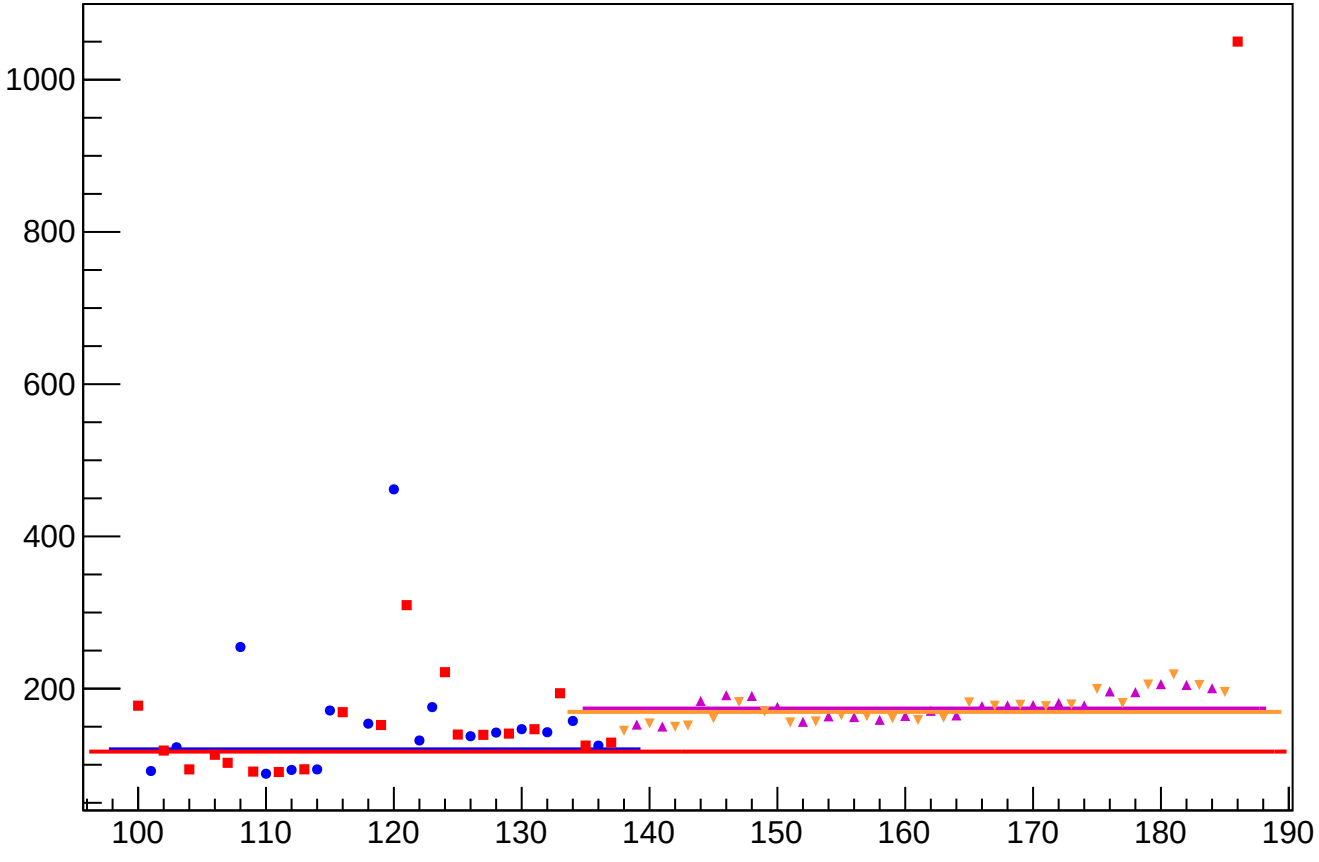
Right: -20.496+/-33.193 χ^2/NDF: 34.7/36

In: 165.529+/-31.577 χ^2/NDF:75.8/39

Out: 174.202+/-29.988 χ^2/NDF:64.9/44

All: 170.089+/-21.745 χ^2/NDF: 140.7/84

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 169.432+/-0.028 χ^2/NDF:386461.5/24

Right Out: 117.280+/-0.032 χ^2/NDF: 1592439.0/19

Left In: 173.847+/-0.029 χ^2/NDF:291729.8/22

Left: 171.540+/-0.020 χ^2/NDF: 689934.9/47

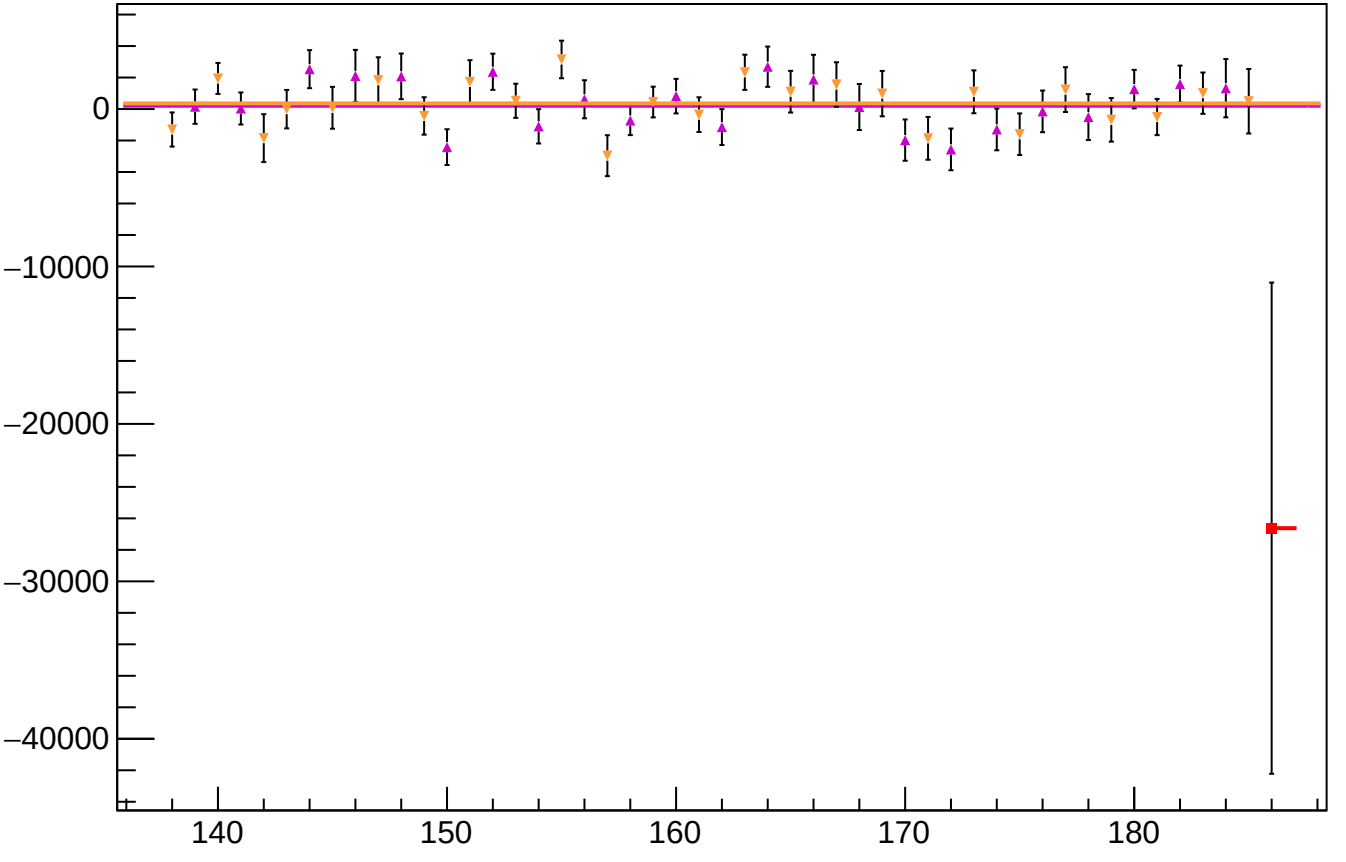
Right: 118.655+/-0.023 χ^2/NDF: 2658638.0/36

In: 151.045+/-0.022 χ^2/NDF:2764498.1/39

Out: 146.861+/-0.021 χ^2/NDF:3463778.3/44

All: 148.845+/-0.015 χ^2/NDF: 6246738.0/84

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 356.612+/-250.934 χ^2/NDF:33.4/24

Right Out: -26623.508+/-15600.330 χ^2/NDF: 0.0/0

Left In: 212.007+/-257.383 χ^2/NDF:36.0/22

Left: 286.144+/-179.674 χ^2/NDF: 69.6/47

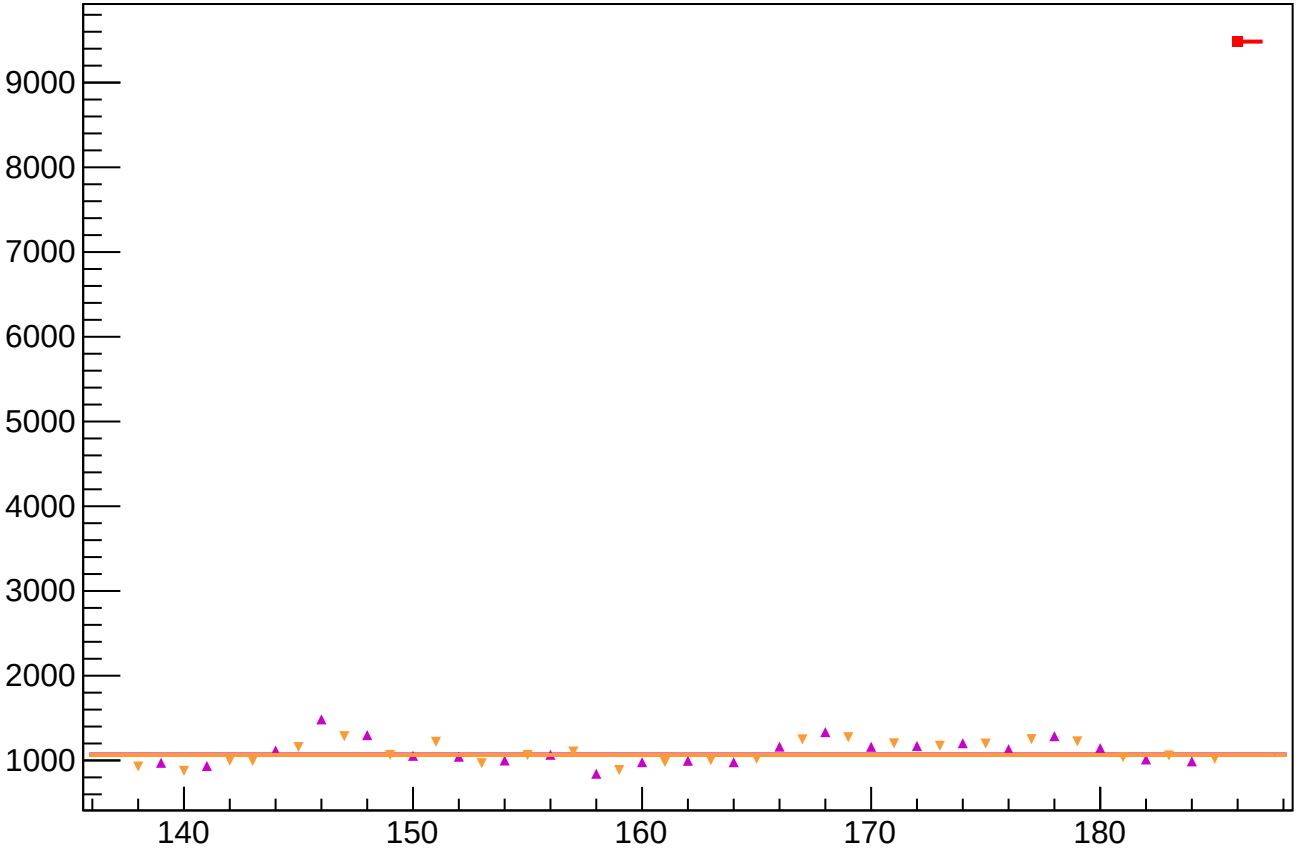
Right: -26623.508+/-15600.330 χ^2/NDF: 0.0/0

In: 212.007+/-257.383 χ^2/NDF:36.0/22

Out: 349.633+/-250.902 χ^2/NDF:36.3/25

All: 282.575+/-179.662 χ^2/NDF: 72.5/48

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1064.868+/-0.177 χ^2/NDF:493614.2/24

Right Out: 9483.682+/-11.031 χ^2/NDF: 0.0/0

Left In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

Left: 1067.707+/-0.127 χ^2/NDF: 1064547.2/47

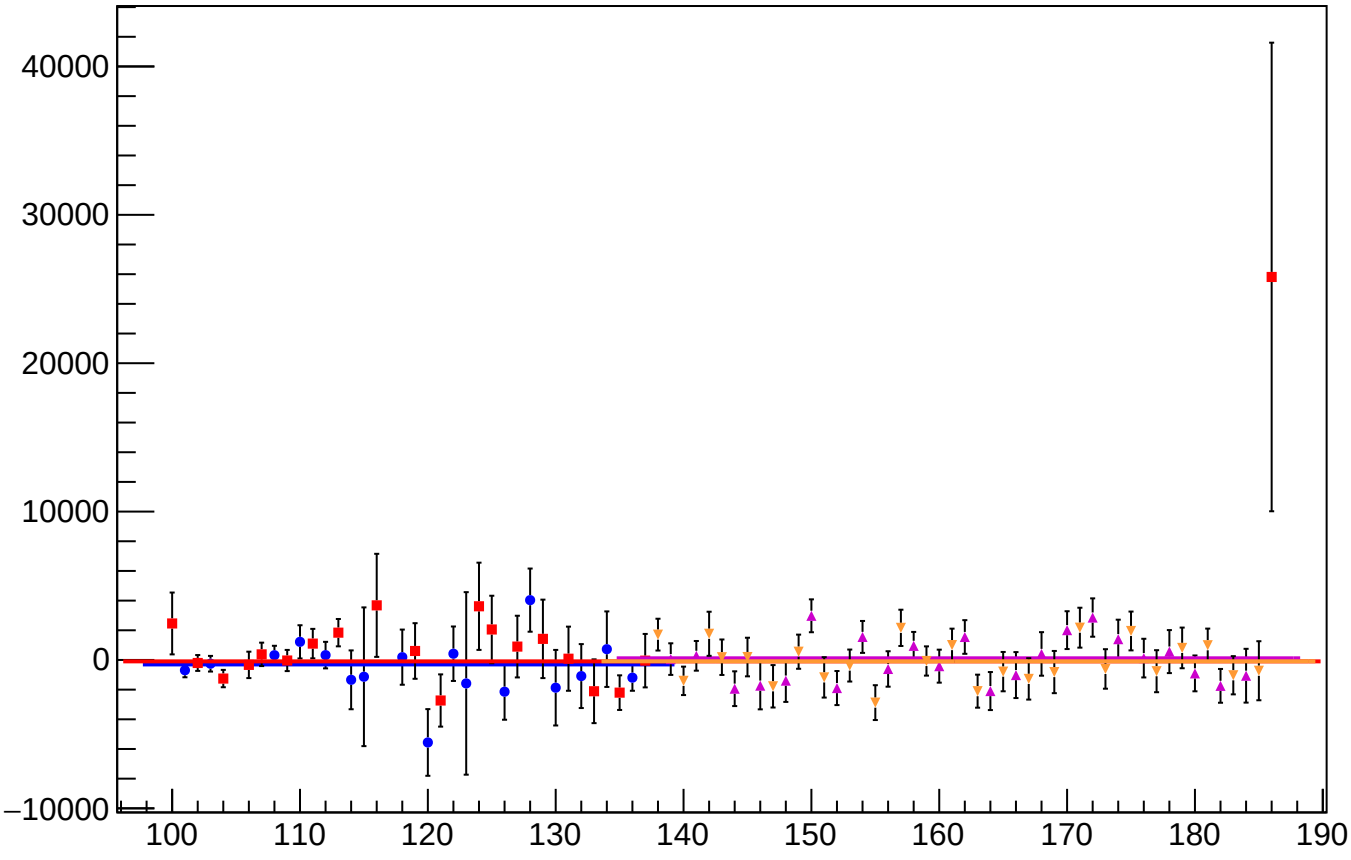
Right: 9483.682+/-11.031 χ^2/NDF: 0.0/0

In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

Out: 1067.046+/-0.177 χ^2/NDF:1075920.9/25

All: 1068.823+/-0.127 χ^2/NDF: 1646534.7/48

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: -89.632+/-247.271 χ^2/NDF:31.0/24

Right Out: -94.571+/-245.951 χ^2/NDF: 25.2/19

Left In: 110.879+/-254.337 χ^2/NDF:35.2/22

Left: 7.800+/-177.292 χ^2/NDF: 66.4/47

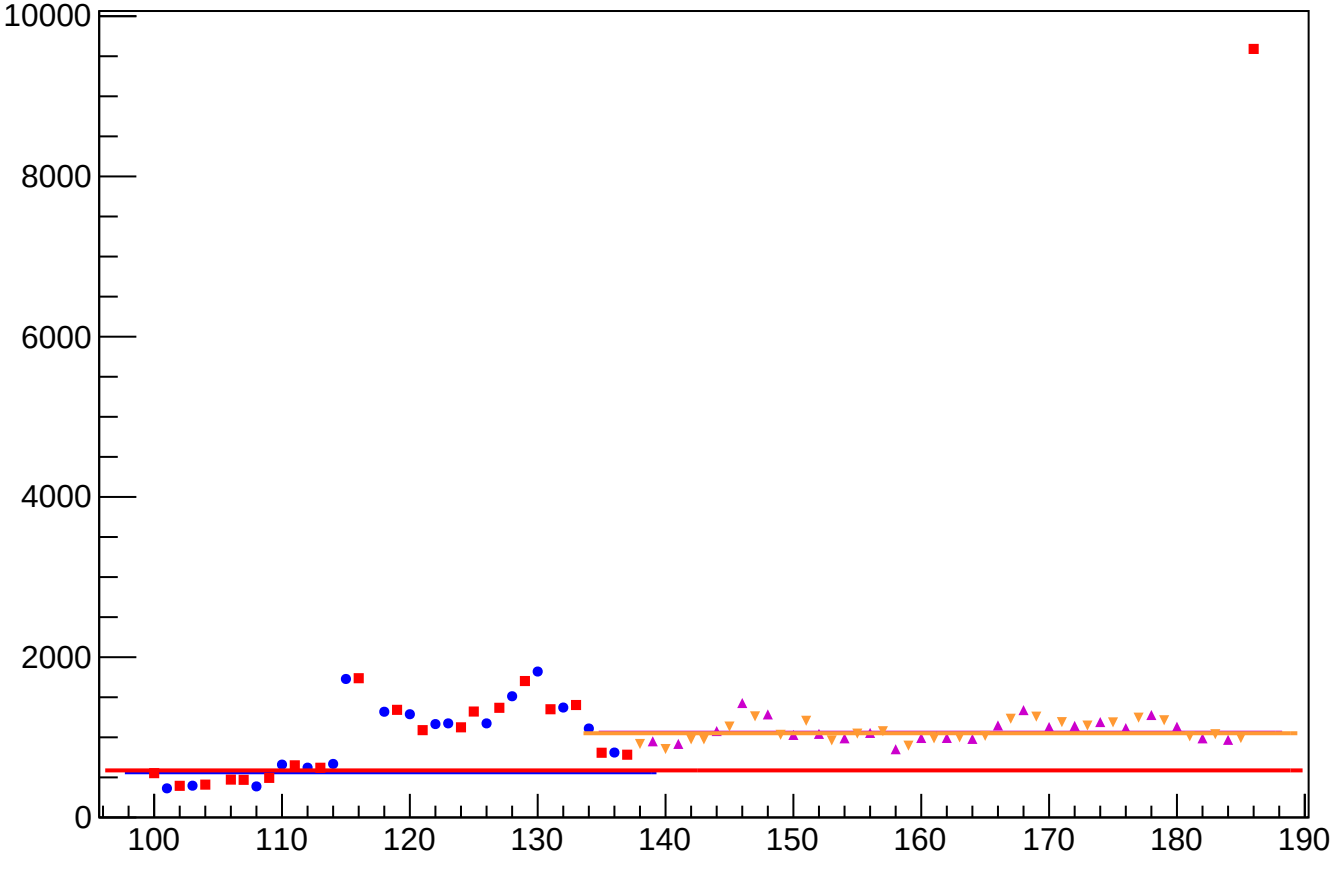
Right: -196.083+/-175.342 χ^2/NDF: 42.4/36

In: -98.567+/-178.306 χ^2/NDF:53.3/39

Out: -92.115+/-174.378 χ^2/NDF:56.2/44

All: -95.269+/-124.669 χ^2/NDF: 109.5/84

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1050.918+/-0.175 χ^2/NDF:483477.5/24

Right Out: 587.254+/-0.174 χ^2/NDF: 3471254.0/19

Left In: 1058.154+/-0.180 χ^2/NDF:532260.0/22

Left: 1054.434+/-0.125 χ^2/NDF: 1016569.7/47

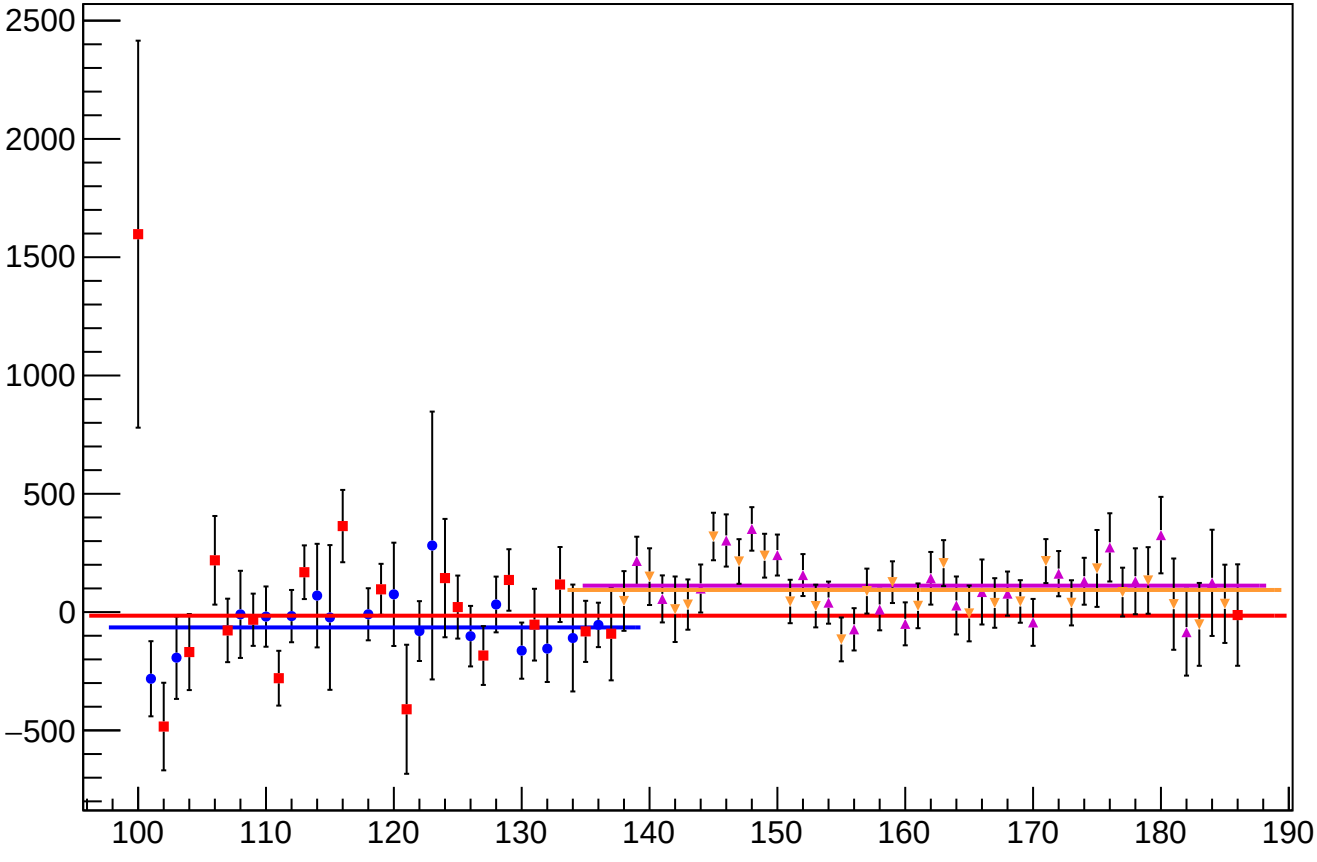
Right: 575.821+/-0.124 χ^2/NDF: 6741534.7/36

In: 806.871+/-0.126 χ^2/NDF:7632868.6/39

Out: 817.846+/-0.123 χ^2/NDF:7489643.5/44

All: 812.481+/-0.088 χ^2/NDF: 15126384.8/84

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 93.496+/-21.284 χ^2/NDF:22.8/24

Right Out: -15.228+/-33.023 χ^2/NDF: 35.0/19

Left In: 111.732+/-21.971 χ^2/NDF:30.7/22

Left: 102.325+/-15.287 χ^2/NDF: 53.8/47

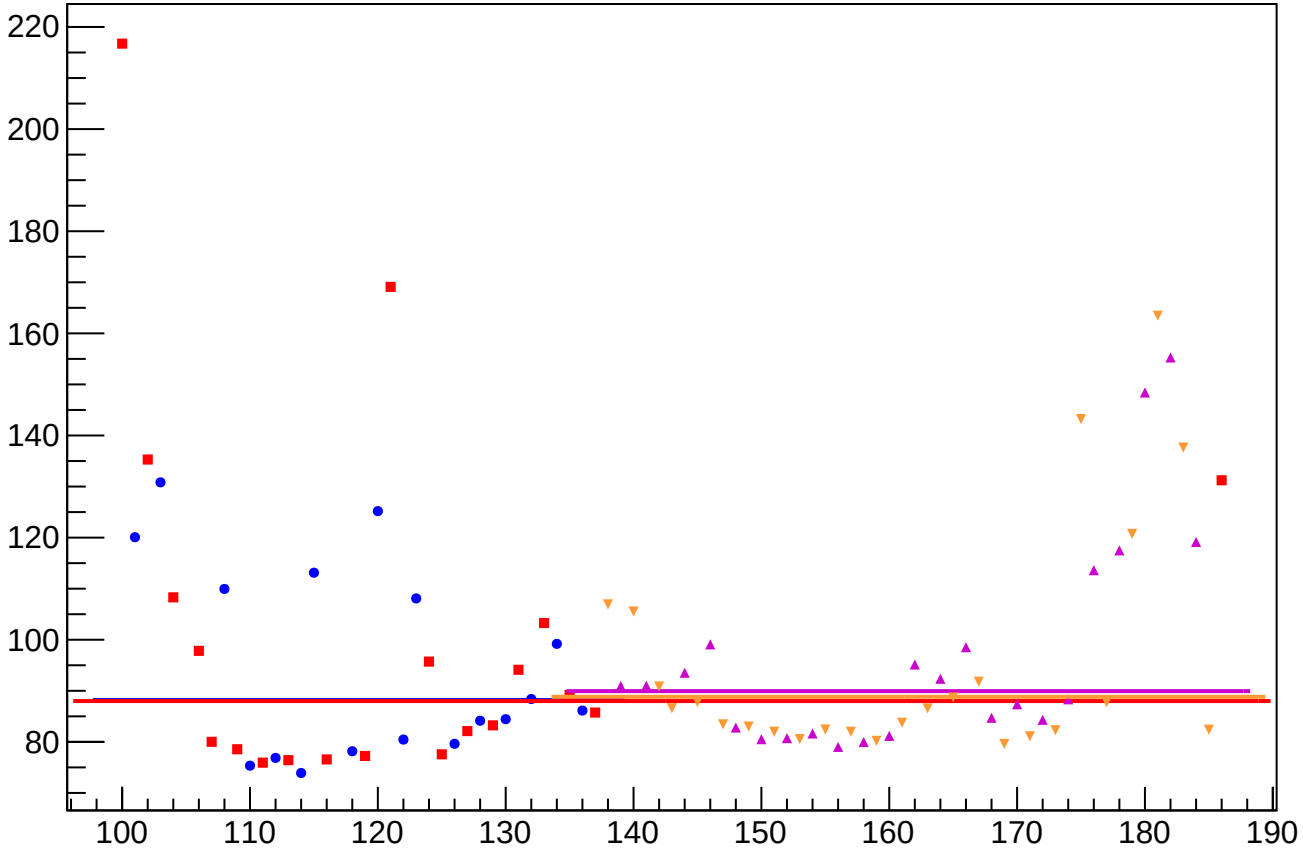
Right: -38.836+/-23.898 χ^2/NDF: 42.2/36

In: 61.067+/-18.552 χ^2/NDF:55.4/39

Out: 61.586+/-17.890 χ^2/NDF:65.4/44

All: 61.336+/-12.878 χ^2/NDF: 120.8/84

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 88.830+/-0.015 χ^2/NDF:1000651.2/24

Right Out: 87.993+/-0.023 χ^2/NDF: 614613.3/19

Left In: 89.934+/-0.016 χ^2/NDF:874129.5/22

Left: 89.364+/-0.011 χ^2/NDF: 1877387.2/47

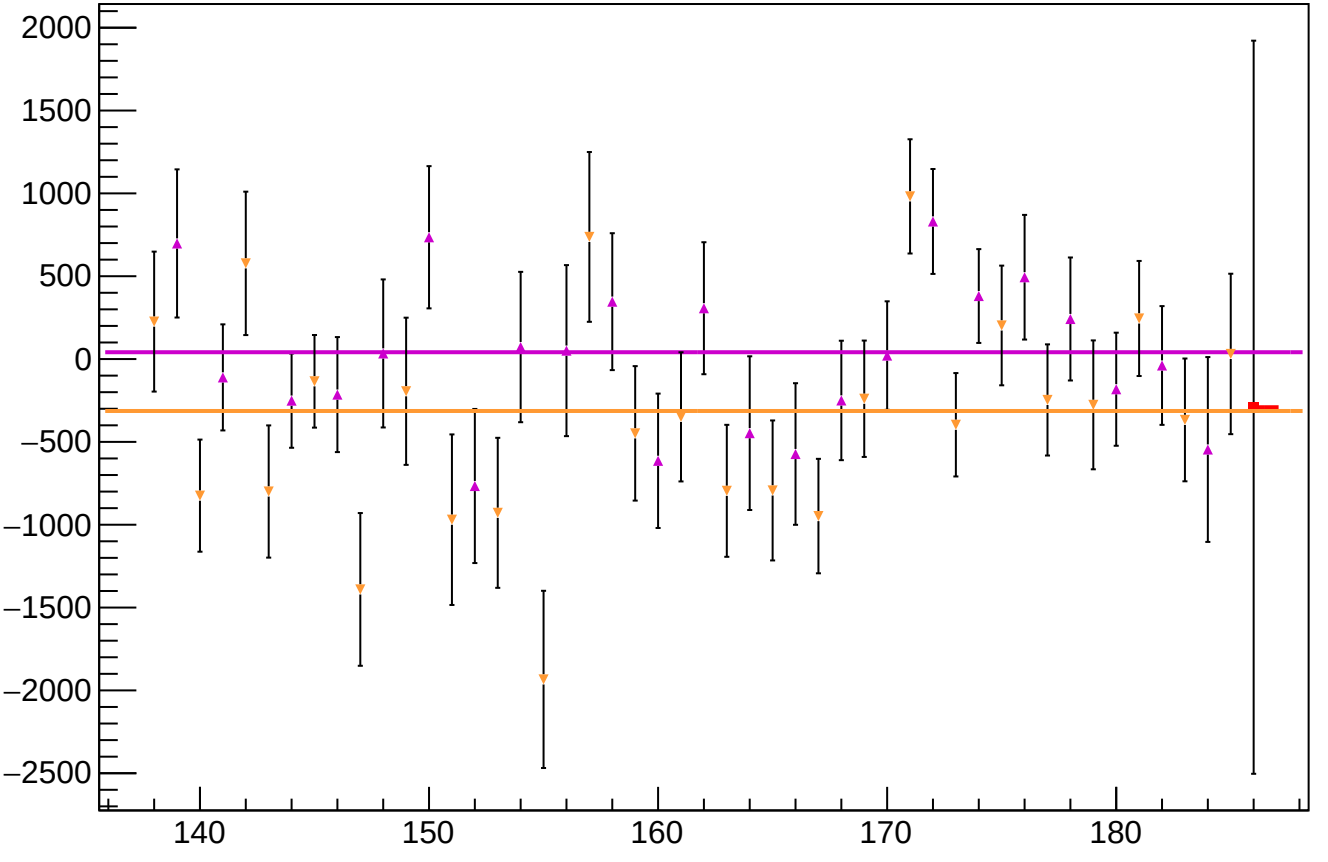
Right: 88.085+/-0.017 χ^2/NDF: 1009093.7/36

In: 89.432+/-0.013 χ^2/NDF:1272210.3/39

Out: 88.584+/-0.013 χ^2/NDF:1616171.9/44

All: 88.993+/-0.009 χ^2/NDF: 2890548.7/84

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -313.446+/-77.334 χ^2/NDF:58.1/24

Right Out: -290.825+/-2212.576 χ^2/NDF: 0.0/0

Left In: 41.244+/-78.858 χ^2/NDF:28.0/22

Left: -139.560+/-55.214 χ^2/NDF: 96.4/47

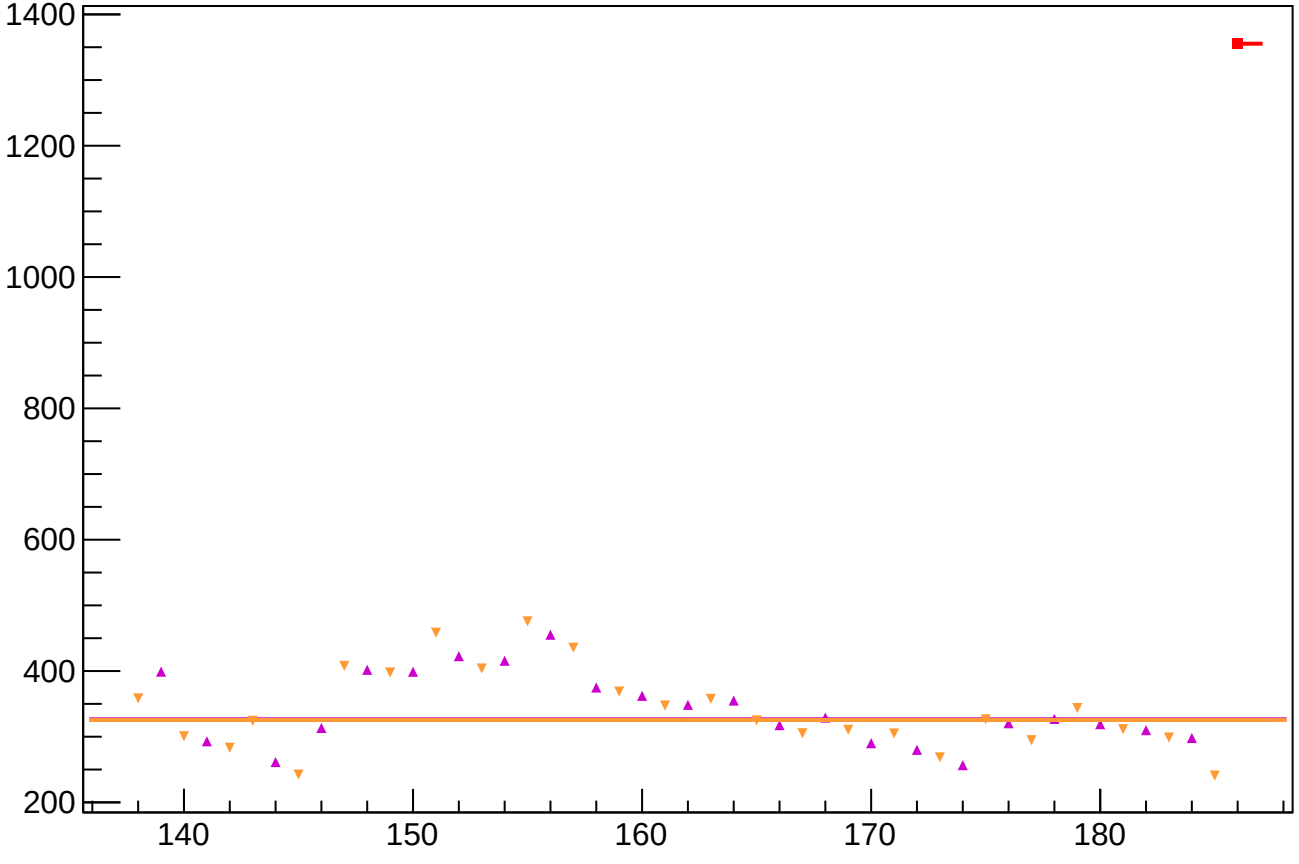
Right: -290.825+/-2212.576 χ^2/NDF: 0.0/0

In: 41.244+/-78.858 χ^2/NDF:28.0/22

Out: -313.419+/-77.287 χ^2/NDF:58.1/25

All: -139.654+/-55.197 χ^2/NDF: 96.4/48

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 325.432+/-0.055 χ^2/NDF:1000974.7/24

Right Out: 1355.373+/-1.565 χ^2/NDF: 0.0/0

Left In: 326.516+/-0.056 χ^2/NDF:841153.2/22

Left: 325.964+/-0.039 χ^2/NDF: 1842320.6/47

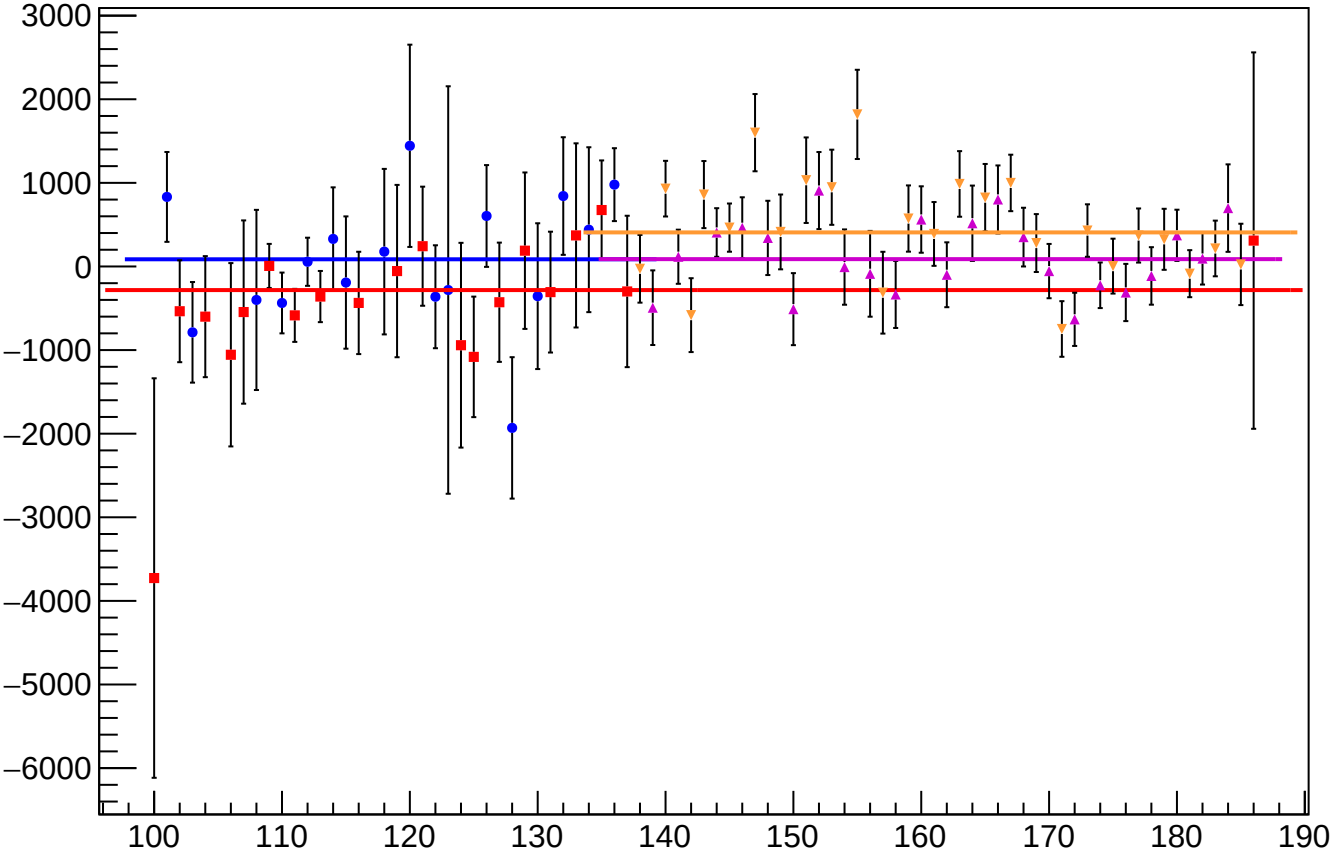
Right: 1355.373+/-1.565 χ^2/NDF: 0.0/0

In: 326.516+/-0.056 χ^2/NDF:841153.2/22

Out: 326.689+/-0.055 χ^2/NDF:1433815.6/25

All: 326.604+/-0.039 χ^2/NDF: 2274973.6/48

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 407.375+/-74.730 χ^2/NDF:53.0/24

Right Out: -282.494+/-129.385 χ^2/NDF: 10.7/19

Left In: 87.657+/-76.572 χ^2/NDF:27.4/22

Left: 251.406+/-53.481 χ^2/NDF: 89.4/47

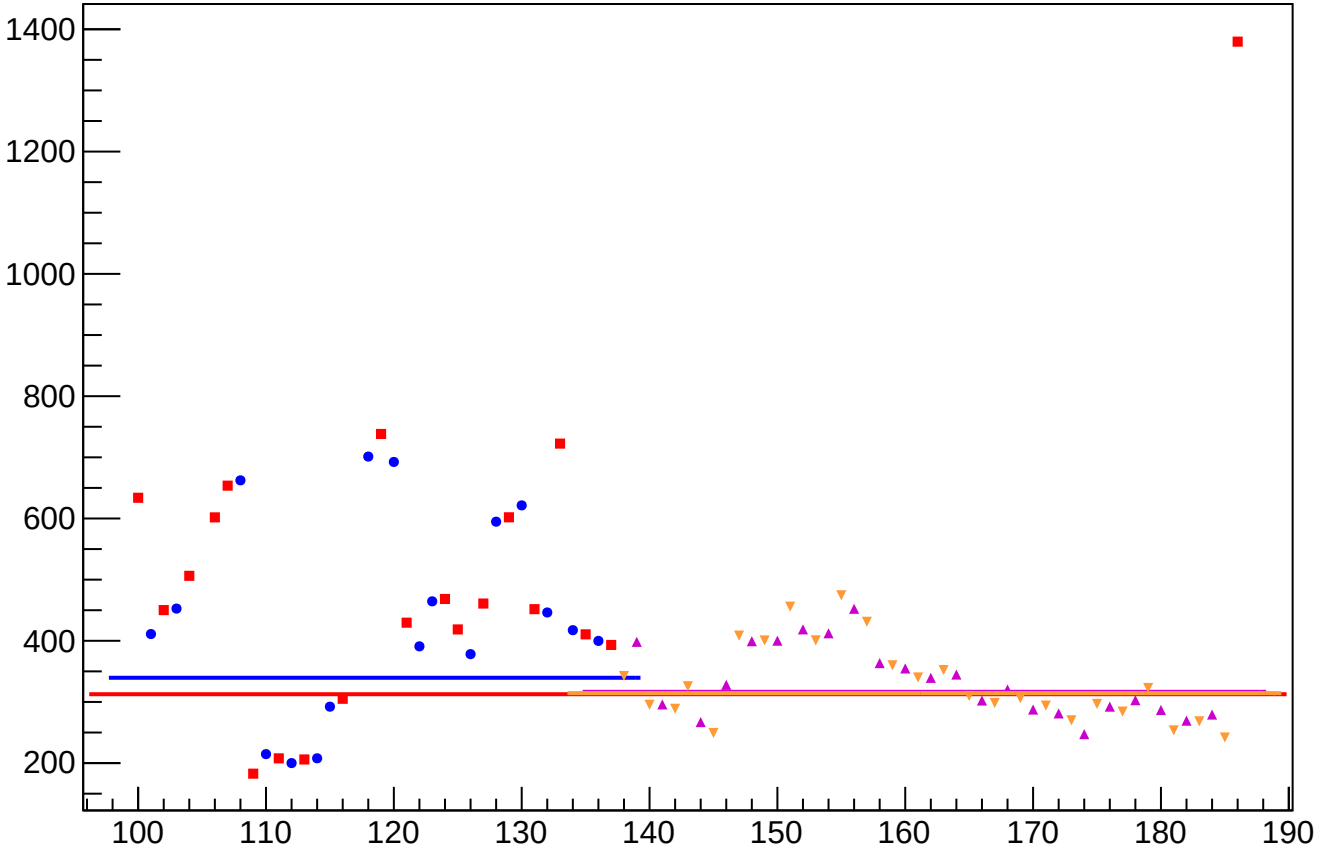
Right: -116.196+/-95.821 χ^2/NDF: 34.9/36

In: 87.243+/-67.461 χ^2/NDF:48.0/39

Out: 234.803+/-64.712 χ^2/NDF:85.0/44

All: 164.091+/-46.700 χ^2/NDF: 135.5/84

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 314.405+/-0.053 χ^2/NDF:1112244.9/24

Right Out: 312.642+/-0.091 χ^2/NDF: 3181247.6/19

Left In: 316.616+/-0.054 χ^2/NDF:929652.0/22

Left: 315.484+/-0.038 χ^2/NDF: 2042751.4/47

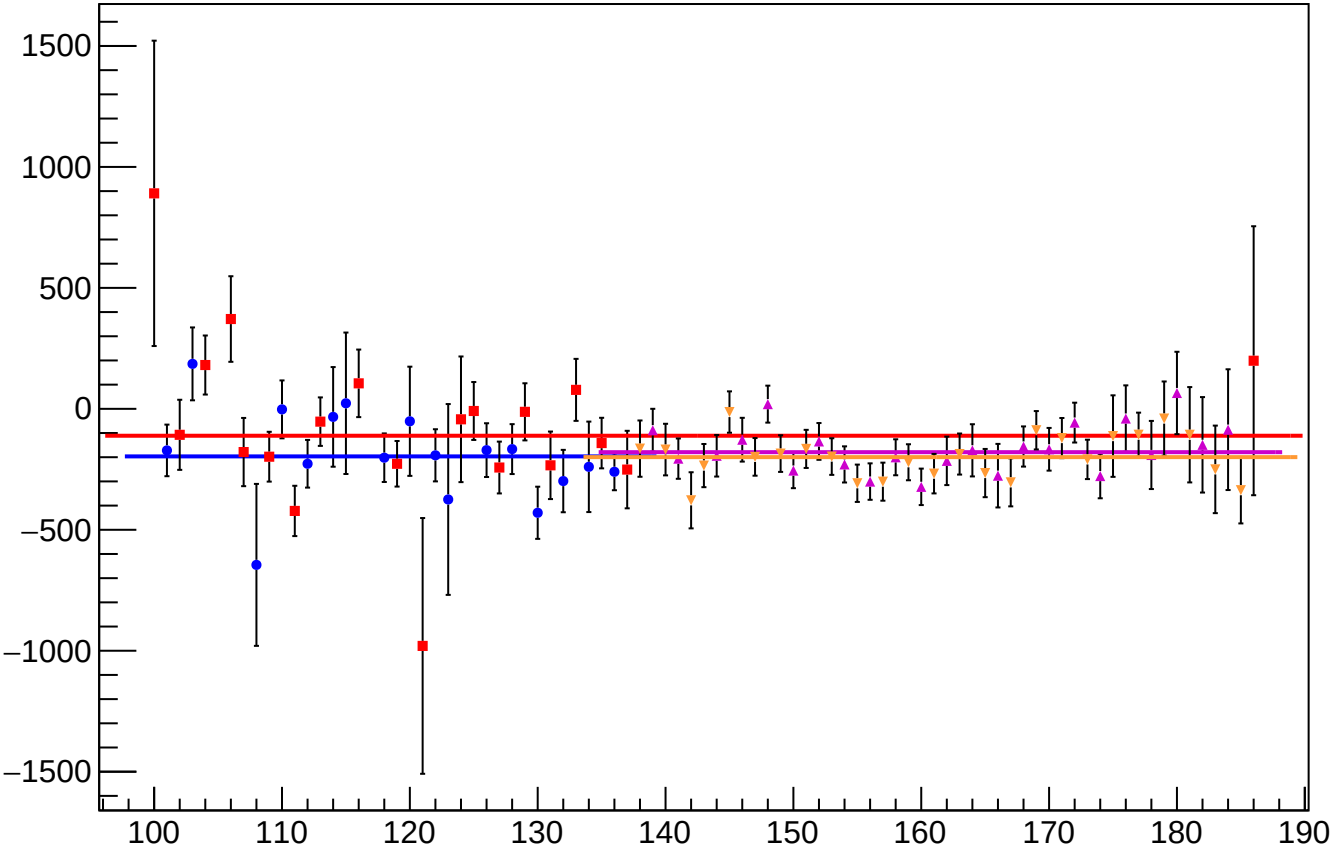
Right: 324.793+/-0.068 χ^2/NDF: 5262556.8/36

In: 321.749+/-0.048 χ^2/NDF:3012057.0/39

Out: 313.964+/-0.046 χ^2/NDF:4293770.9/44

All: 317.695+/-0.033 χ^2/NDF: 7319701.3/84

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -199.640+/-18.452 χ^2/NDF:20.2/24

Right Out: -111.217+/-29.580 χ^2/NDF: 39.7/19

Left In: -179.154+/-19.112 χ^2/NDF:23.9/22

Left: -189.757+/-13.275 χ^2/NDF: 44.6/47

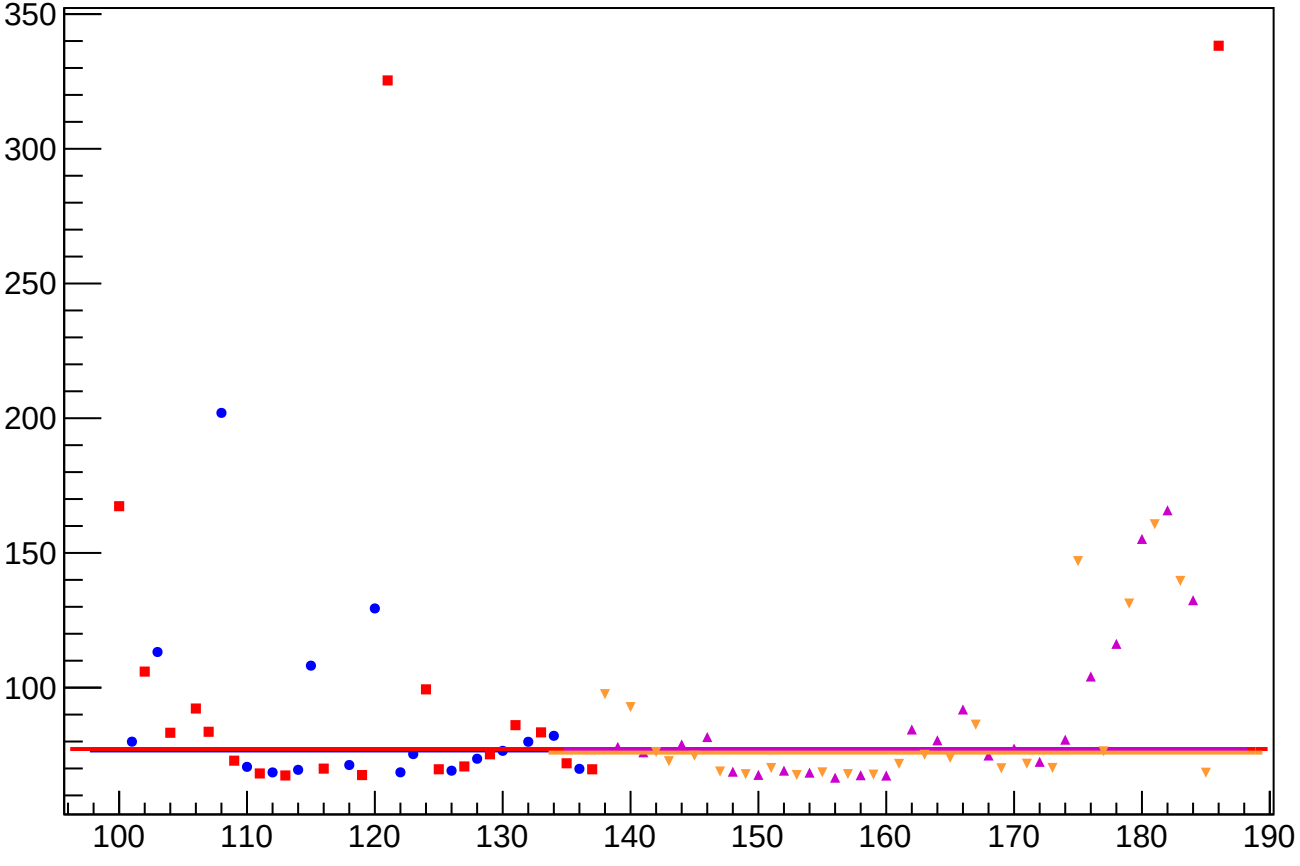
Right: -152.742+/-21.200 χ^2/NDF: 62.7/36

In: -184.096+/-16.180 χ^2/NDF:43.1/39

Out: -174.871+/-15.656 χ^2/NDF:66.3/44

All: -179.332+/-11.251 χ^2/NDF: 109.6/84

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 75.883+/-0.013 χ^2/NDF:1552500.3/24

Right Out: 77.220+/-0.021 χ^2/NDF: 1141541.1/19

Left In: 77.080+/-0.014 χ^2/NDF:1422981.1/22

Left: 76.460+/-0.009 χ^2/NDF: 2979537.9/47

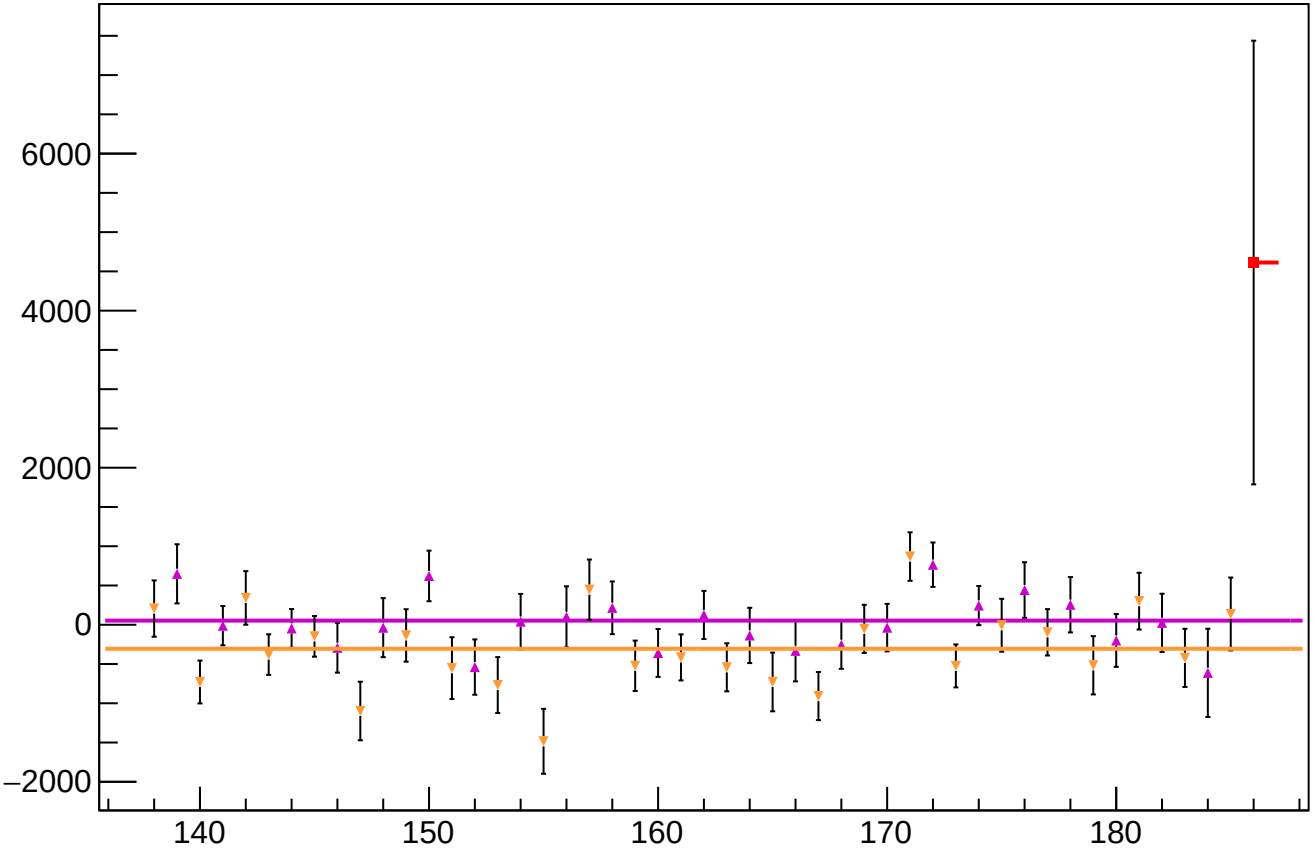
Right: 76.963+/-0.015 χ^2/NDF: 1742199.0/36

In: 76.970+/-0.011 χ^2/NDF:2023562.0/39

Out: 76.258+/-0.011 χ^2/NDF:2696982.2/44

All: 76.602+/-0.008 χ^2/NDF: 4722545.5/84

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -305.659+/-65.327 χ^2/NDF:54.9/24

Right Out: 4613.035+/-2825.161 χ^2/NDF: 0.0/0

Left In: 52.759+/-67.539 χ^2/NDF:24.9/22

Left: -132.416+/-46.956 χ^2/NDF: 94.3/47

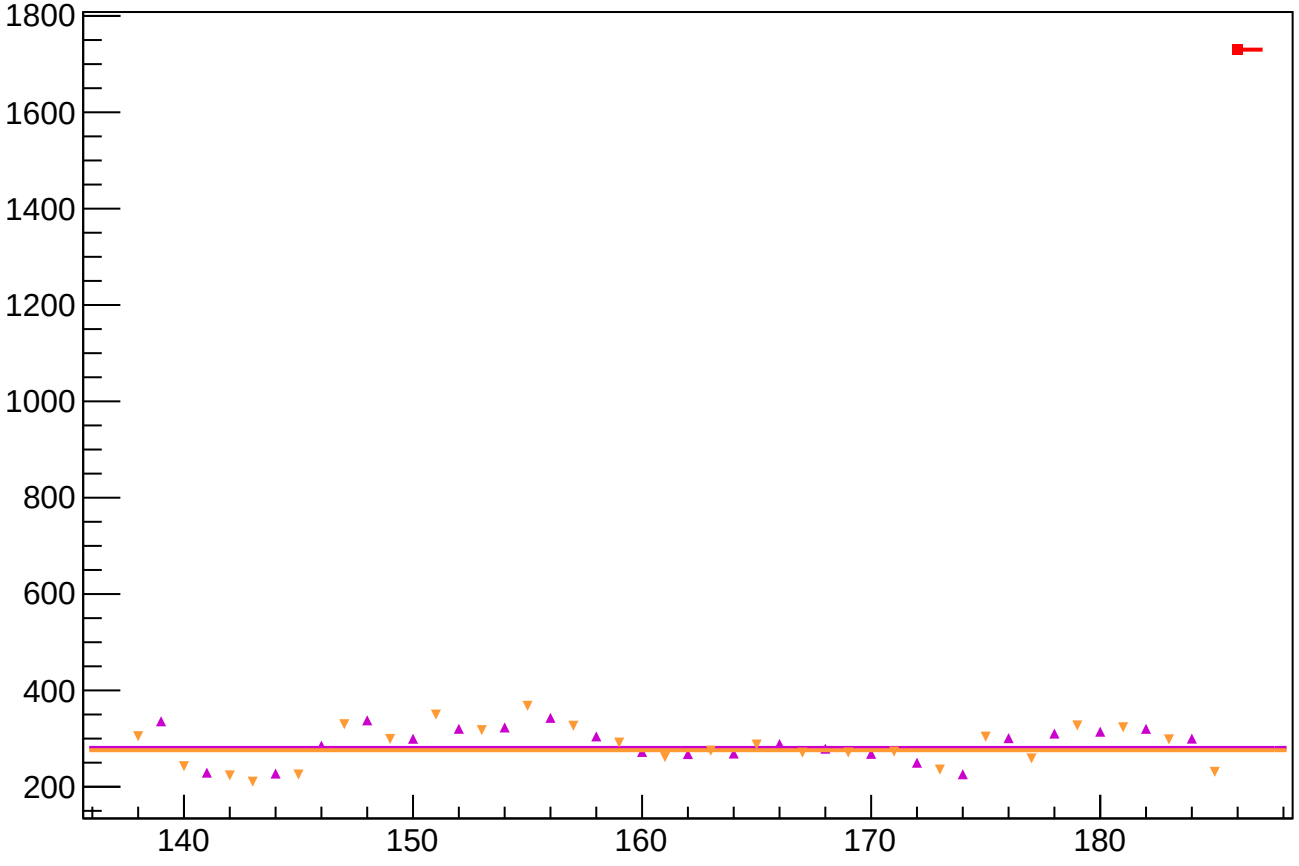
Right: 4613.035+/-2825.161 χ^2/NDF: 0.0/0

In: 52.759+/-67.539 χ^2/NDF:24.9/22

Out: -303.030+/-65.309 χ^2/NDF:57.9/25

All: -131.106+/-46.949 χ^2/NDF: 97.1/48

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 275.901+/-0.046 χ^2/NDF:753109.6/24

Right Out: 1730.067+/-1.998 χ^2/NDF: 0.0/0

Left In: 280.628+/-0.048 χ^2/NDF:587415.9/22

Left: 278.186+/-0.033 χ^2/NDF: 1345588.4/47

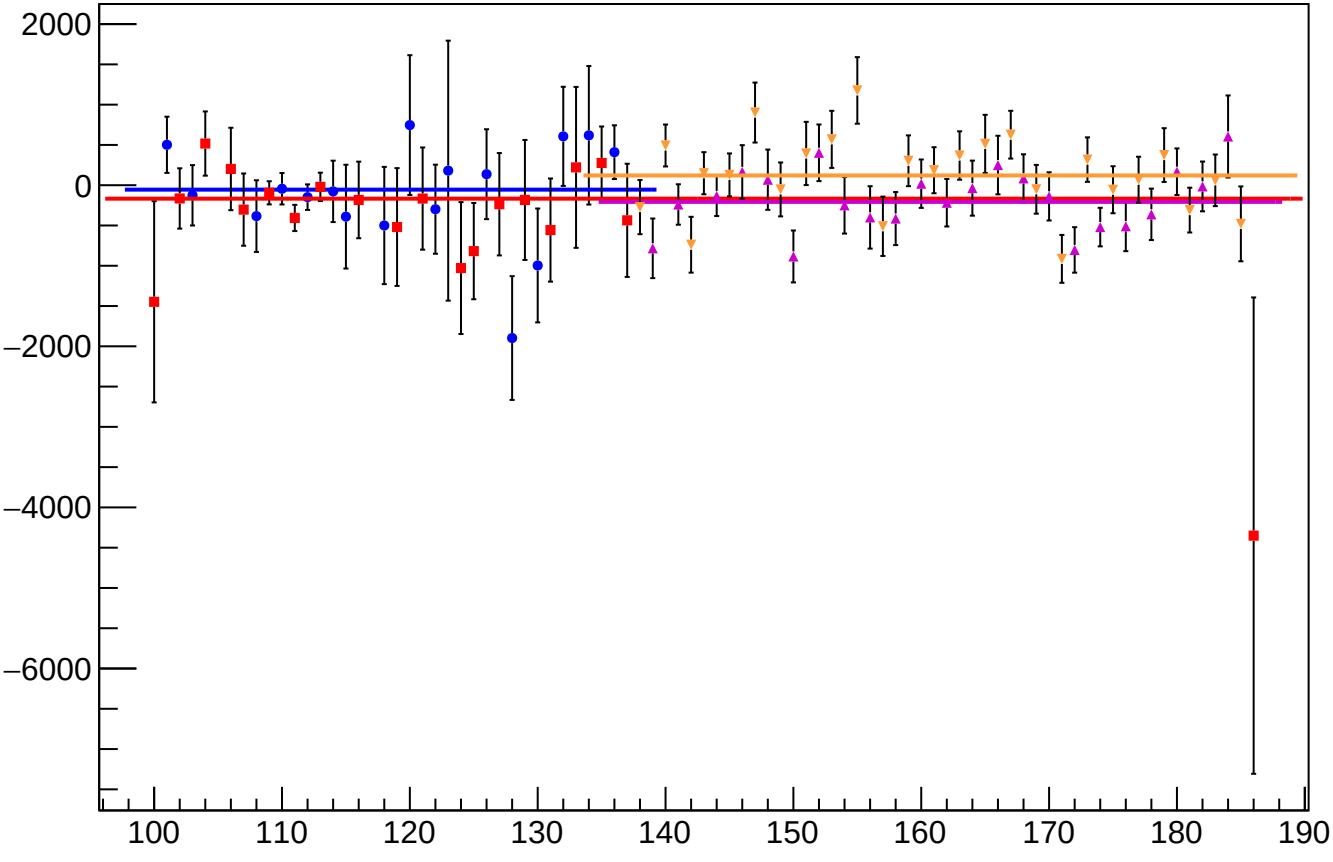
Right: 1730.067+/-1.998 χ^2/NDF: 0.0/0

In: 280.628+/-0.048 χ^2/NDF:587415.9/22

Out: 276.678+/-0.046 χ^2/NDF:1282698.9/25

All: 278.587+/-0.033 χ^2/NDF: 1873650.9/48

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 121.185+/-62.911 χ^2/NDF:49.0/24

Right Out: -166.971+/-76.877 χ^2/NDF: 13.9/19

Left In: -207.047+/-65.246 χ^2/NDF:27.8/22

Left: -36.951+/-45.288 χ^2/NDF: 89.9/47

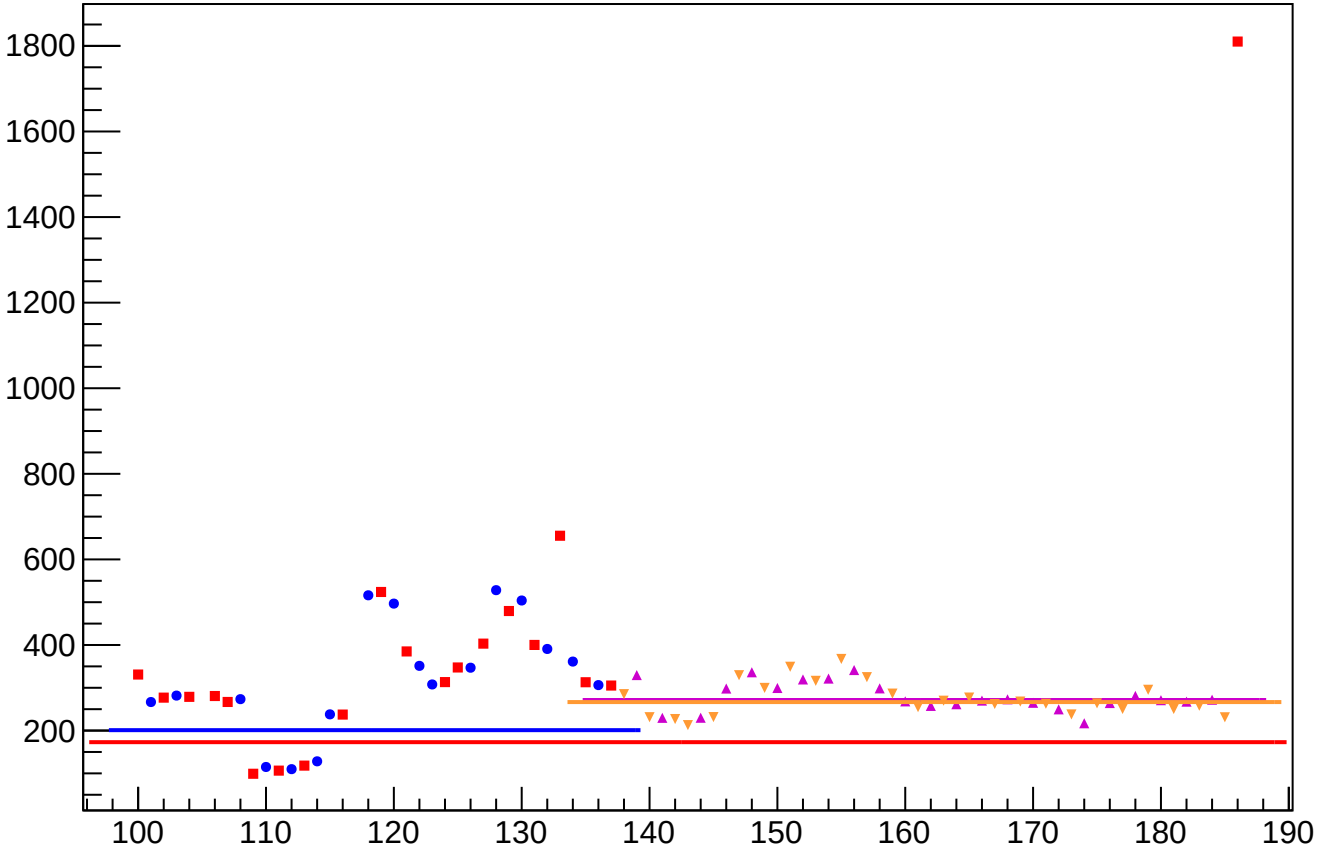
Right: -119.923+/-58.552 χ^2/NDF: 31.3/36

In: -154.913+/-52.897 χ^2/NDF:46.2/39

Out: 5.612+/-48.687 χ^2/NDF:71.3/44

All: -68.009+/-35.823 χ^2/NDF: 122.5/84

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 266.618+/-0.044 χ^2/NDF:639230.8/24

Right Out: 172.901+/-0.054 χ^2/NDF: 4706233.1/19

Left In: 271.451+/-0.046 χ^2/NDF:530897.8/22

Left: 268.946+/-0.032 χ^2/NDF: 1175815.9/47

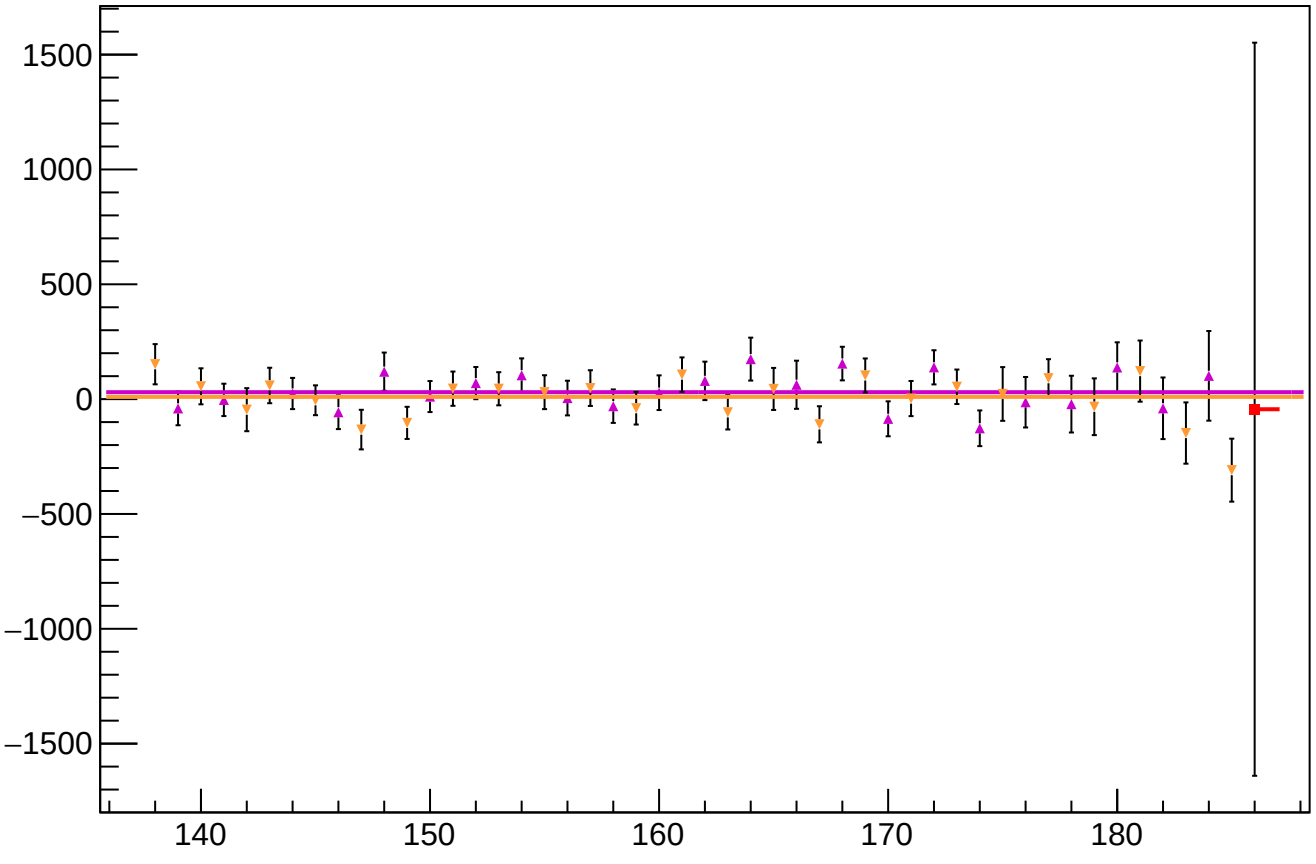
Right: 184.688+/-0.041 χ^2/NDF: 8254349.3/36

In: 247.295+/-0.037 χ^2/NDF:4766889.5/39

Out: 229.030+/-0.034 χ^2/NDF:7125533.9/44

All: 237.407+/-0.025 χ^2/NDF: 12021519.8/84

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 9.762+/-16.463 χ^2/NDF:25.9/24

Right Out: -44.009+/-1596.057 χ^2/NDF: 0.0/0

Left In: 30.236+/-17.031 χ^2/NDF:21.9/22

Left: 19.652+/-11.837 χ^2/NDF: 48.6/47

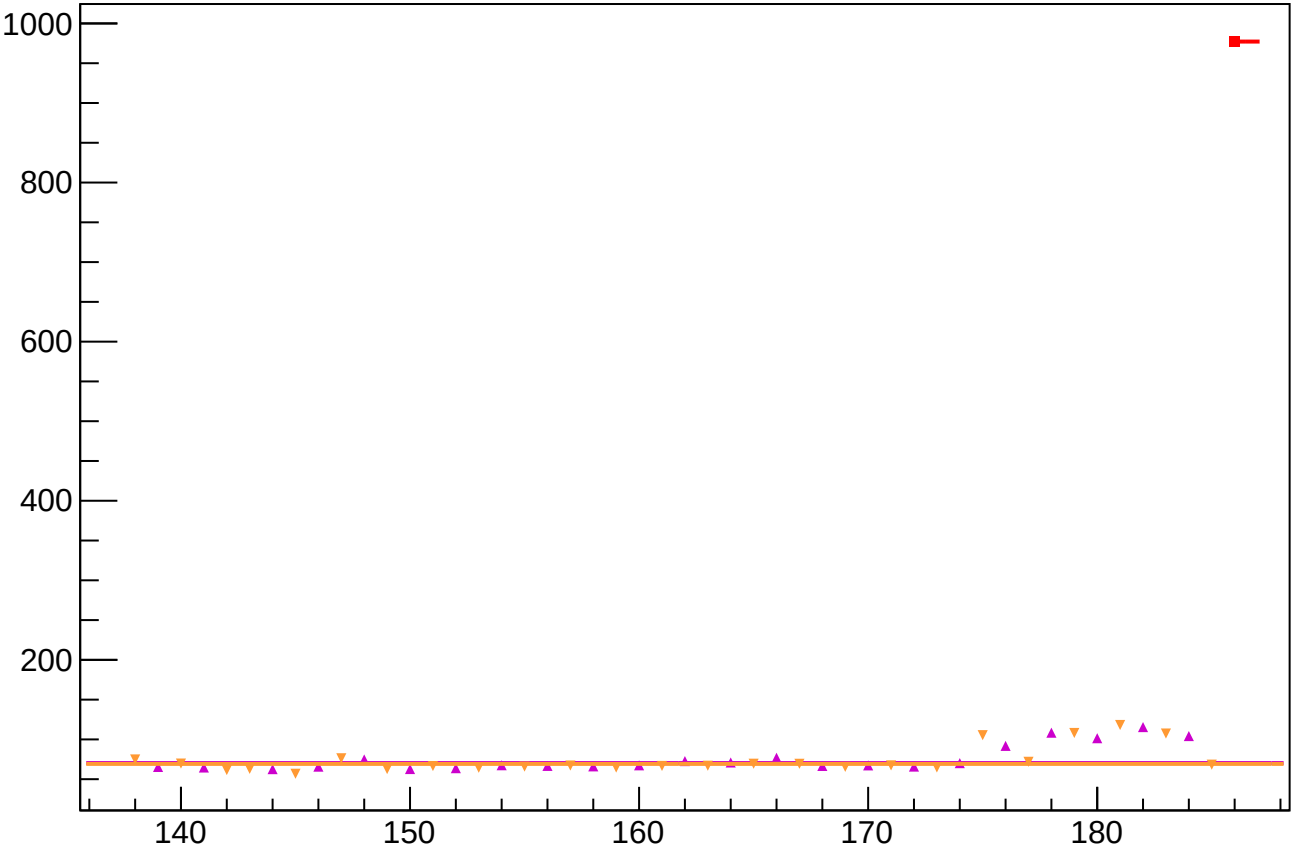
Right: -44.009+/-1596.057 χ^2/NDF: 0.0/0

In: 30.236+/-17.031 χ^2/NDF:21.9/22

Out: 9.756+/-16.462 χ^2/NDF:25.9/25

All: 19.649+/-11.837 χ^2/NDF: 48.6/48

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 69.234+/-0.012 χ^2/NDF:1005922.1/24

Right Out: 977.214+/-1.129 χ^2/NDF: 0.0/0

Left In: 70.322+/-0.012 χ^2/NDF:862105.7/22

Left: 69.760+/-0.008 χ^2/NDF: 1872251.2/47

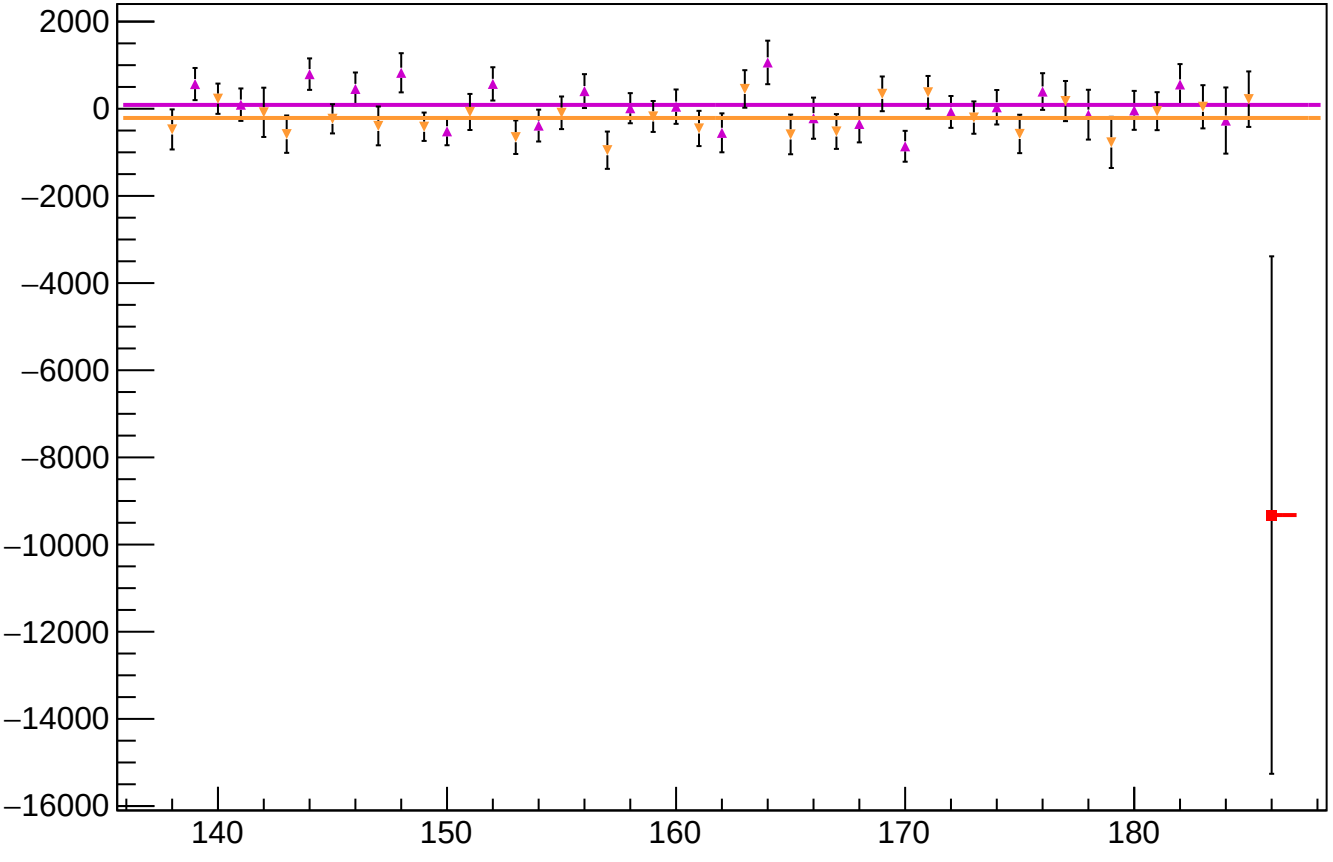
Right: 977.214+/-1.129 χ^2/NDF: 0.0/0

In: 70.322+/-0.012 χ^2/NDF:862105.7/22

Out: 69.331+/-0.012 χ^2/NDF:1653123.2/25

All: 69.810+/-0.008 χ^2/NDF: 2518736.2/48

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -211.526+/-82.780 χ^2/NDF:19.4/24

Right Out: -9322.953+/-5936.807 χ^2/NDF: 0.0/0

Left In: 88.062+/-84.309 χ^2/NDF:33.5/22

Left: -64.474+/-59.067 χ^2/NDF: 59.3/47

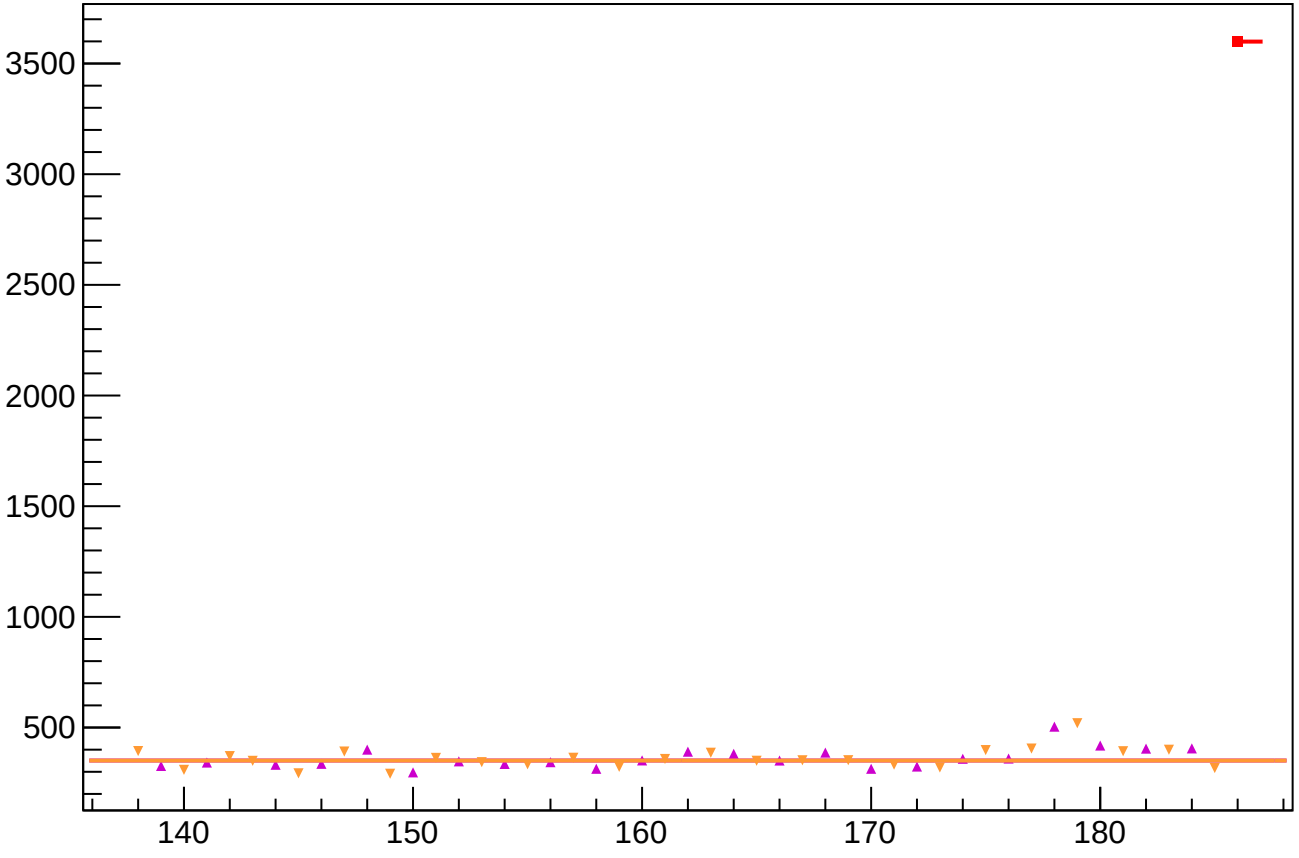
Right: -9322.953+/-5936.807 χ^2/NDF: 0.0/0

In: 88.062+/-84.309 χ^2/NDF:33.5/22

Out: -213.297+/-82.772 χ^2/NDF:21.8/25

All: -65.391+/-59.065 χ^2/NDF: 61.7/48

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 350.780+/-0.059 χ^2/NDF:506274.4/24

Right Out: 3599.059+/-4.198 χ^2/NDF: 0.0/0

Left In: 350.944+/-0.060 χ^2/NDF:424876.4/22

Left: 350.861+/-0.042 χ^2/NDF: 931154.7/47

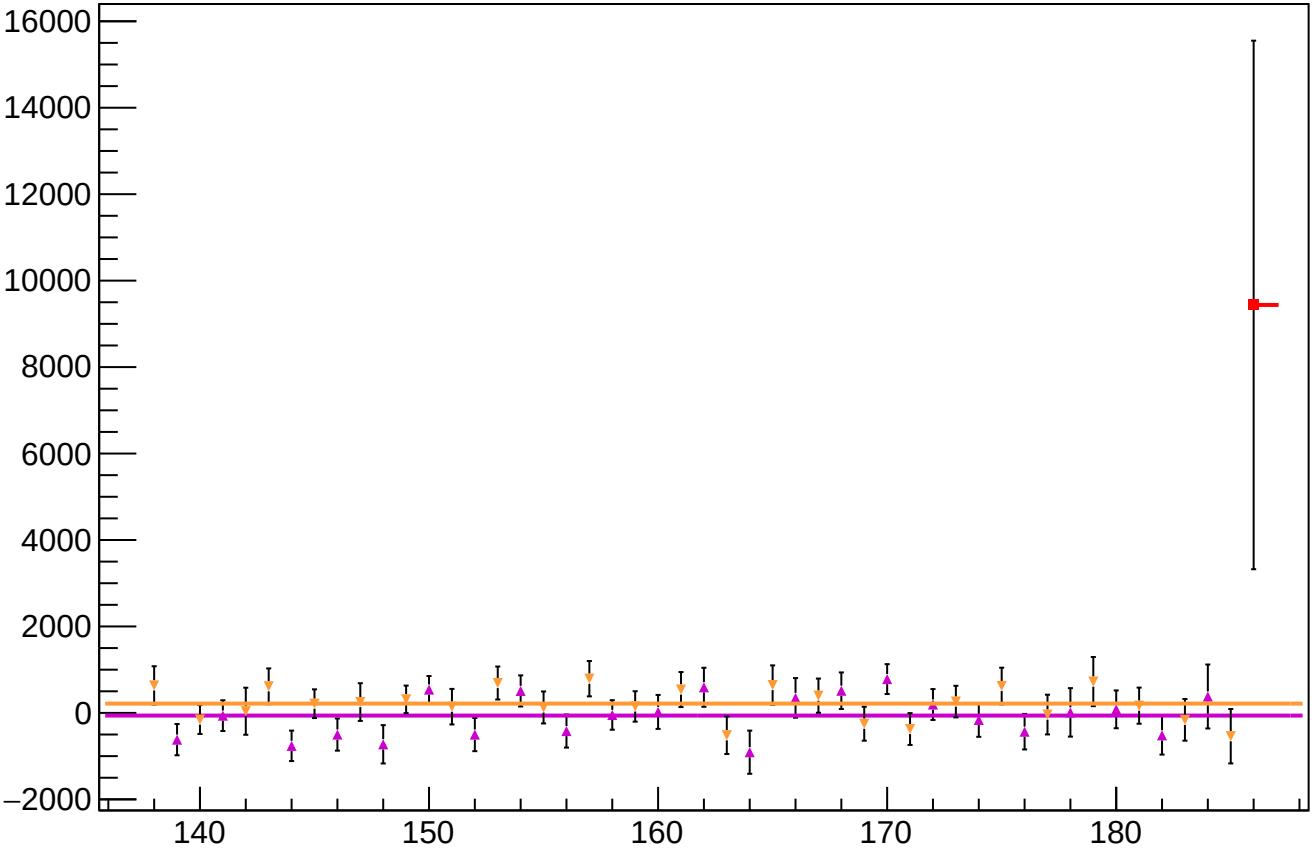
Right: 3599.059+/-4.198 χ^2/NDF: 0.0/0

In: 350.944+/-0.060 χ^2/NDF:424876.4/22

Out: 351.412+/-0.059 χ^2/NDF:1104887.6/25

All: 351.182+/-0.042 χ^2/NDF: 1529795.3/48

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 215.214+/-81.235 χ^2/NDF:19.6/24

Right Out: 9437.688+/-6113.612 χ^2/NDF: 0.0/0

Left In: -61.730+/-82.841 χ^2/NDF:34.9/22

Left: 79.453+/-58.001 χ^2/NDF: 60.2/47

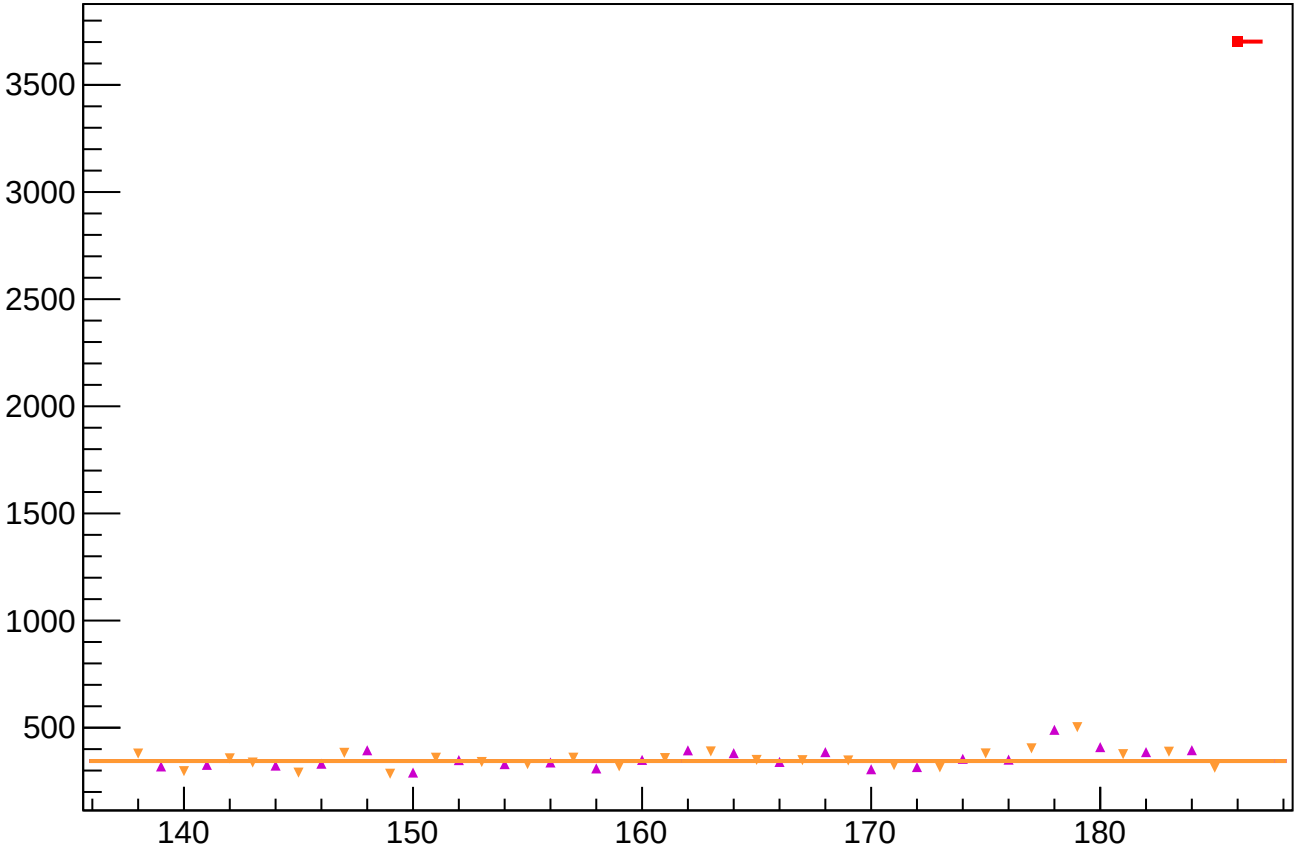
Right: 9437.688+/-6113.612 χ^2/NDF: 0.0/0

In: -61.730+/-82.841 χ^2/NDF:34.9/22

Out: 216.842+/-81.228 χ^2/NDF:21.9/25

All: 80.295+/-57.999 χ^2/NDF: 62.6/48

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 344.439+/-0.057 χ^2/NDF:488381.9/24

Right Out: 3702.119+/-4.323 χ^2/NDF: 0.0/0

Left In: 344.475+/-0.059 χ^2/NDF:433401.7/22

Left: 344.457+/-0.041 χ^2/NDF: 921783.8/47

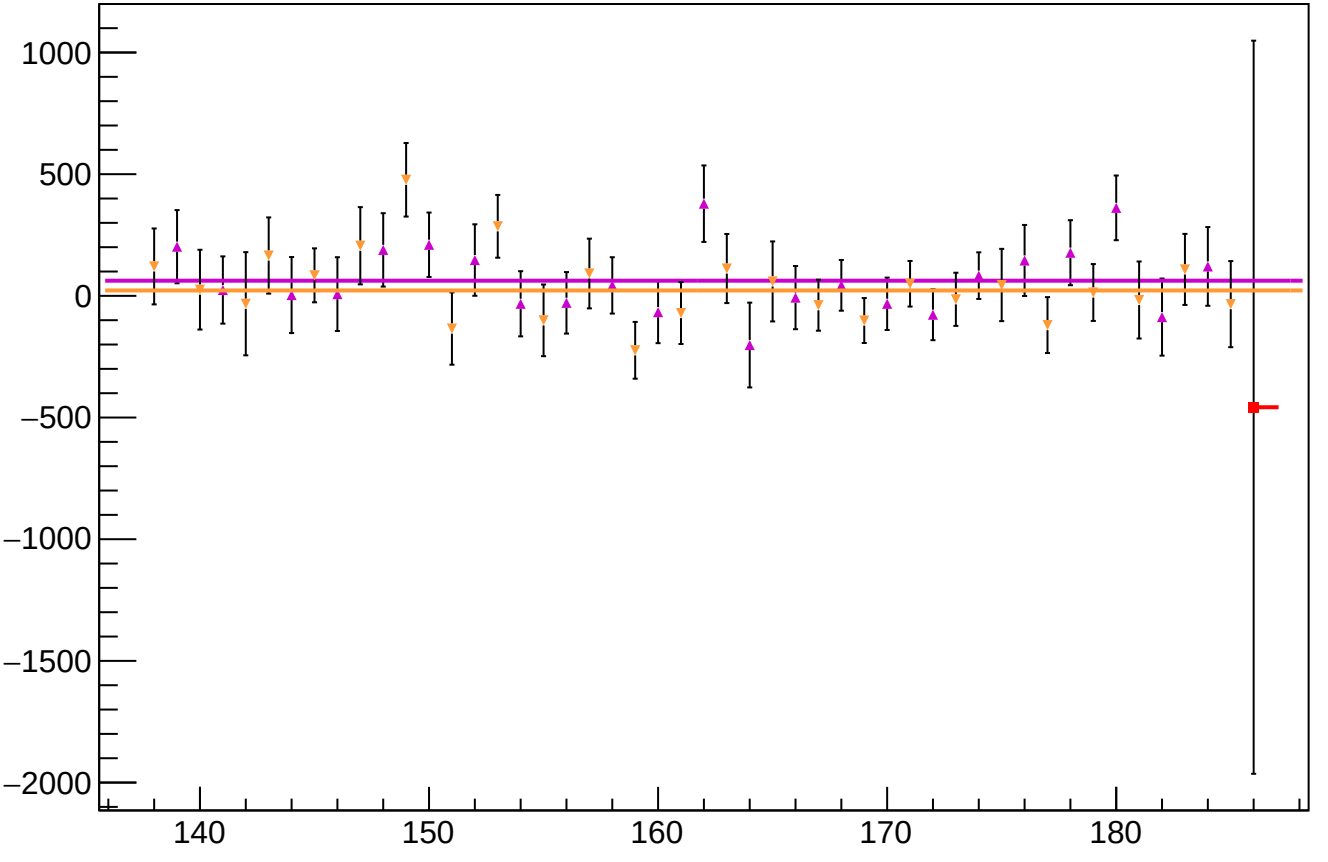
Right: 3702.119+/-4.323 χ^2/NDF: 0.0/0

In: 344.475+/-0.059 χ^2/NDF:433401.7/22

Out: 345.032+/-0.057 χ^2/NDF:1091546.9/25

All: 344.759+/-0.041 χ^2/NDF: 1524994.7/48

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 22.164+/-26.284 χ^2/NDF:28.1/24

Right Out: -457.681+/-1506.309 χ^2/NDF: 0.0/0

Left In: 62.310+/-27.398 χ^2/NDF:22.0/22

Left: 41.404+/-18.967 χ^2/NDF: 51.2/47

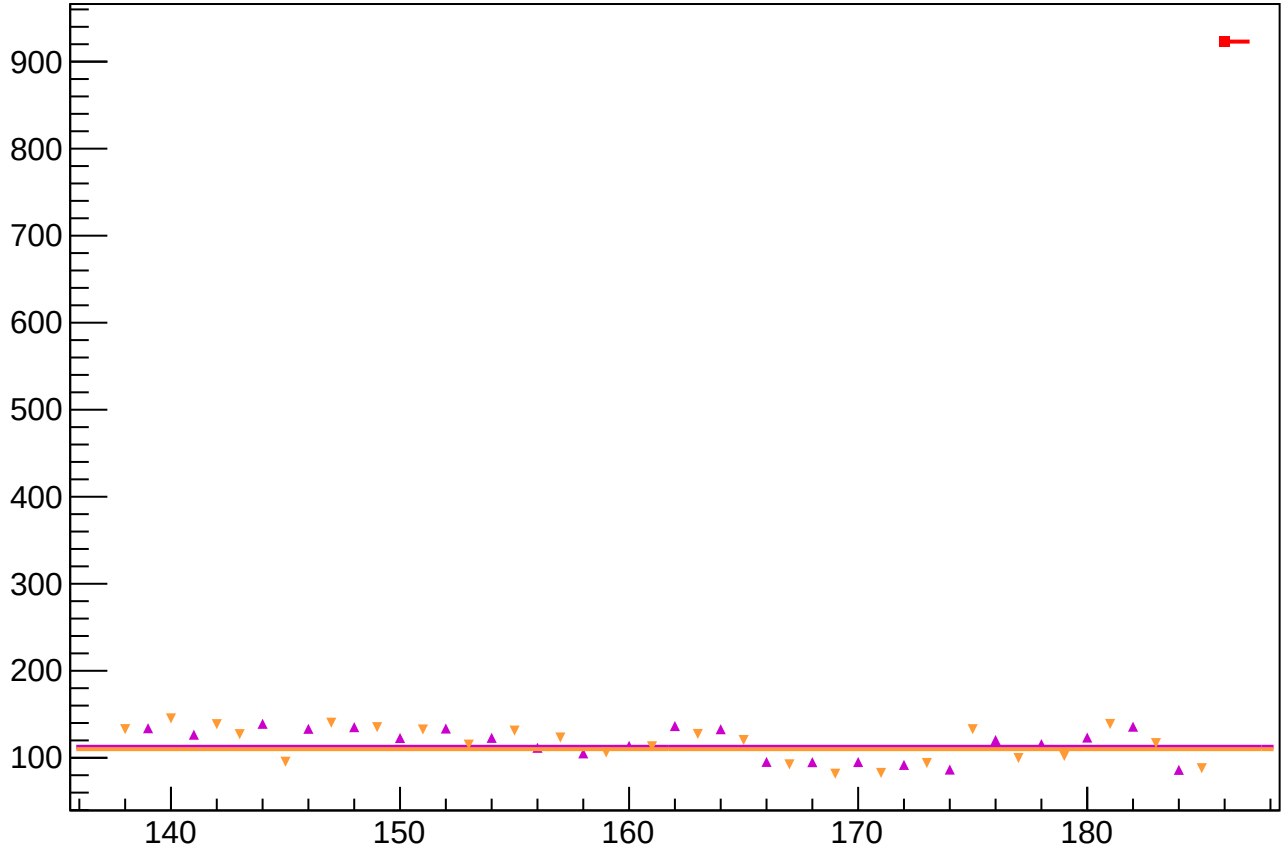
Right: -457.681+/-1506.309 χ^2/NDF: 0.0/0

In: 62.310+/-27.398 χ^2/NDF:22.0/22

Out: 22.018+/-26.280 χ^2/NDF:28.2/25

All: 41.325+/-18.966 χ^2/NDF: 51.3/48

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 109.953+/-0.019 χ^2/NDF:1140626.9/24

Right Out: 923.018+/-1.065 χ^2/NDF: 0.0/0

Left In: 112.657+/-0.019 χ^2/NDF:835831.1/22

Left: 111.249+/-0.013 χ^2/NDF: 1986605.7/47

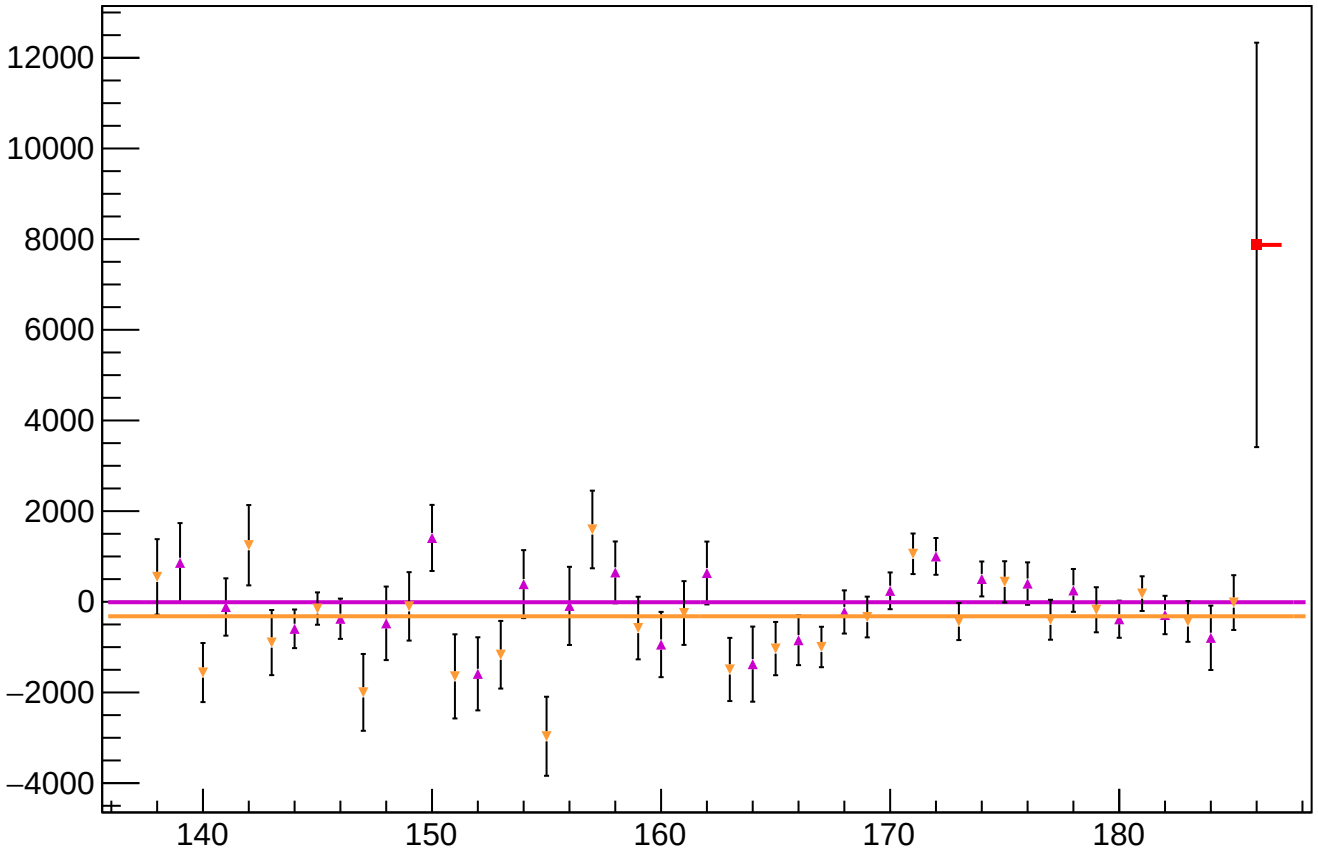
Right: 923.018+/-1.065 χ^2/NDF: 0.0/0

In: 112.657+/-0.019 χ^2/NDF:835831.1/22

Out: 110.200+/-0.019 χ^2/NDF:1723160.0/25

All: 111.377+/-0.013 χ^2/NDF: 2567367.8/48

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -319.391+/-110.306 χ^2/NDF:51.5/24

Right Out: 7873.137+/-4461.037 χ^2/NDF: 0.0/0

Left In: -9.462+/-112.340 χ^2/NDF:32.5/22

Left: -167.259+/-78.707 χ^2/NDF: 87.9/47

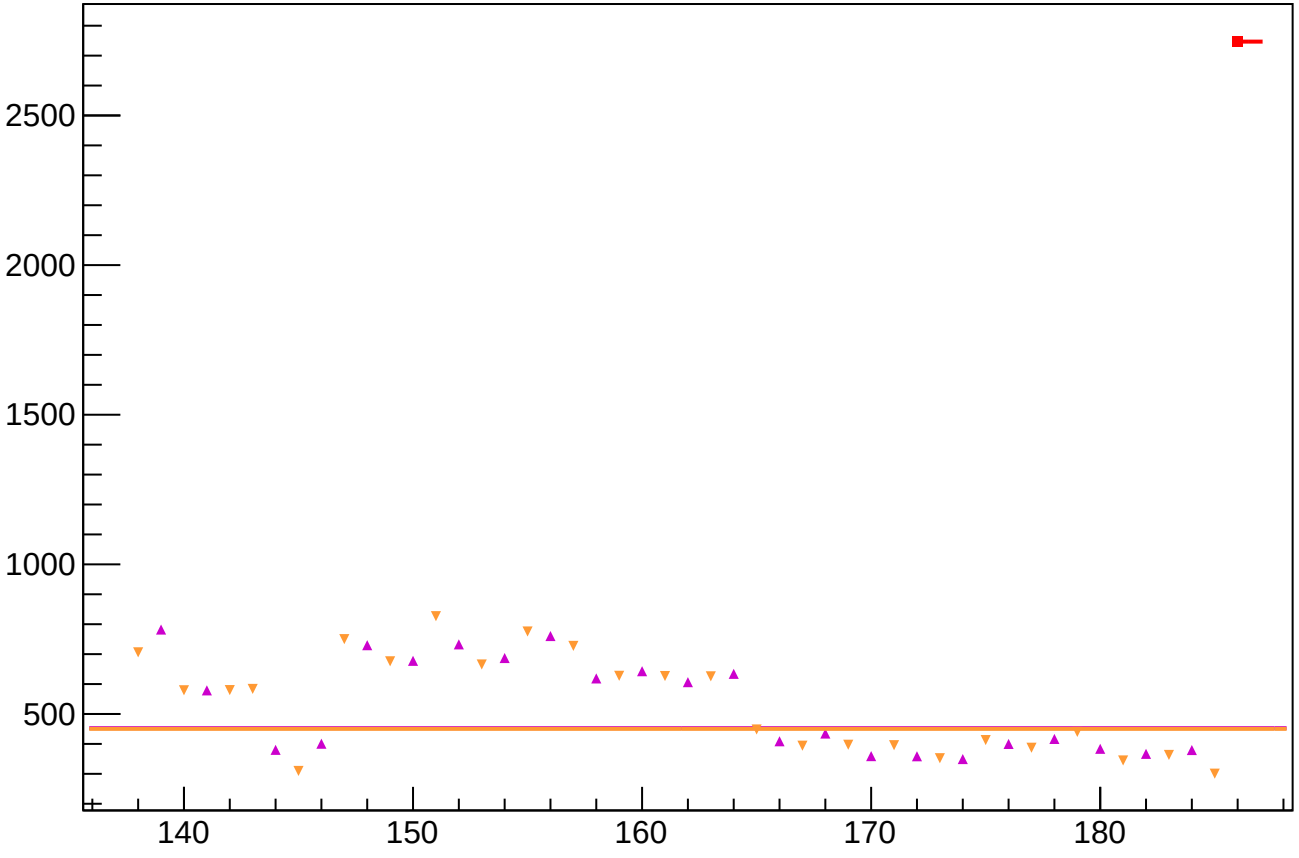
Right: 7873.137+/-4461.037 χ^2/NDF: 0.0/0

In: -9.462+/-112.340 χ^2/NDF:32.5/22

Out: -314.385+/-110.272 χ^2/NDF:54.9/25

All: -164.757+/-78.695 χ^2/NDF: 91.1/48

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 450.363+/-0.078 χ^2/NDF:3096435.8/24

Right Out: 2746.822+/-3.154 χ^2/NDF: 0.0/0

Left In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

Left: 451.507+/-0.056 χ^2/NDF: 5682906.4/47

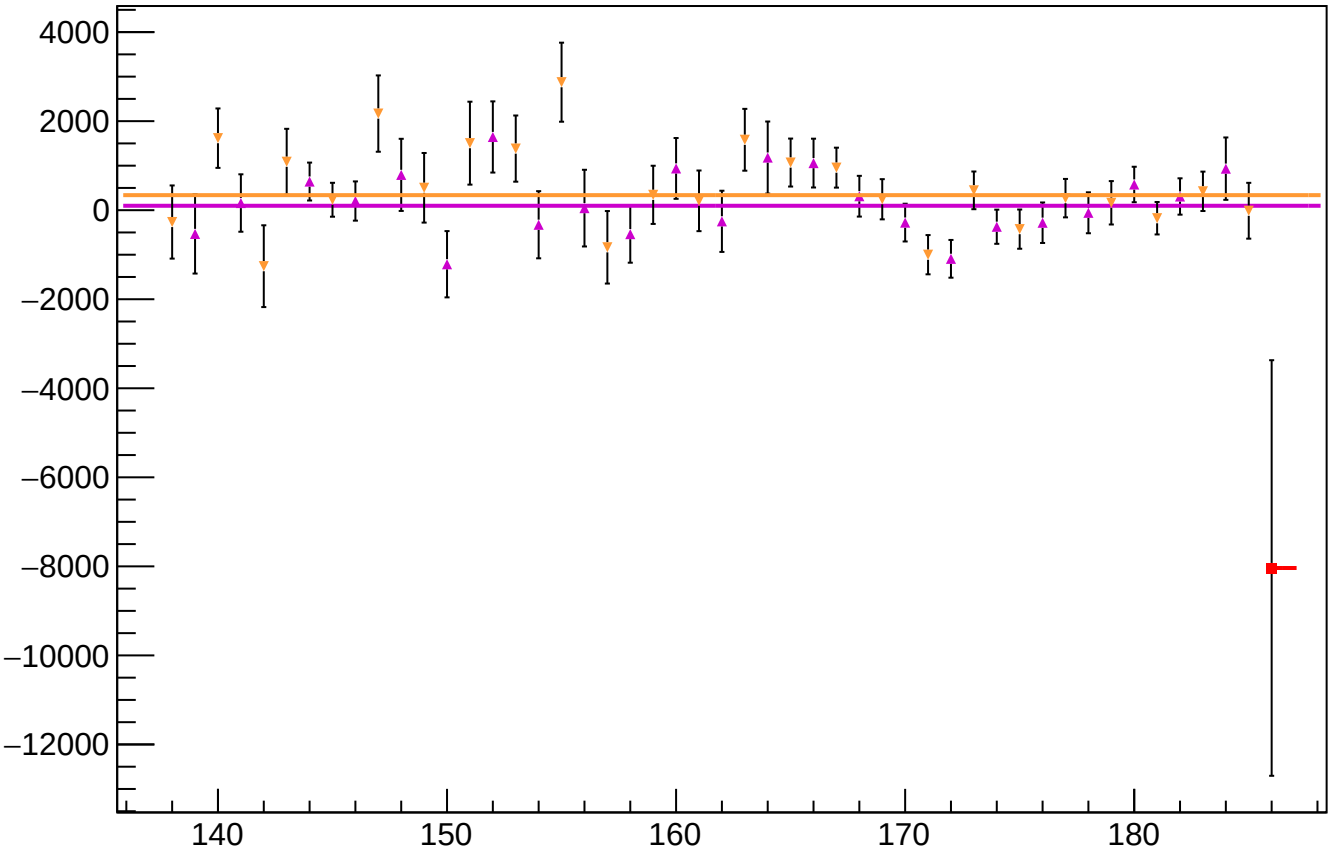
Right: 2746.822+/-3.154 χ^2/NDF: 0.0/0

In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

Out: 451.766+/-0.078 χ^2/NDF:3626111.6/25

All: 452.221+/-0.056 χ^2/NDF: 6212213.3/48

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 337.948+/-109.831 χ^2/NDF:48.6/24

Right Out: -8036.867+/-4667.395 χ^2/NDF: 0.0/0

Left In: 99.475+/-111.475 χ^2/NDF:32.1/22

Left: 220.483+/-78.237 χ^2/NDF: 83.0/47

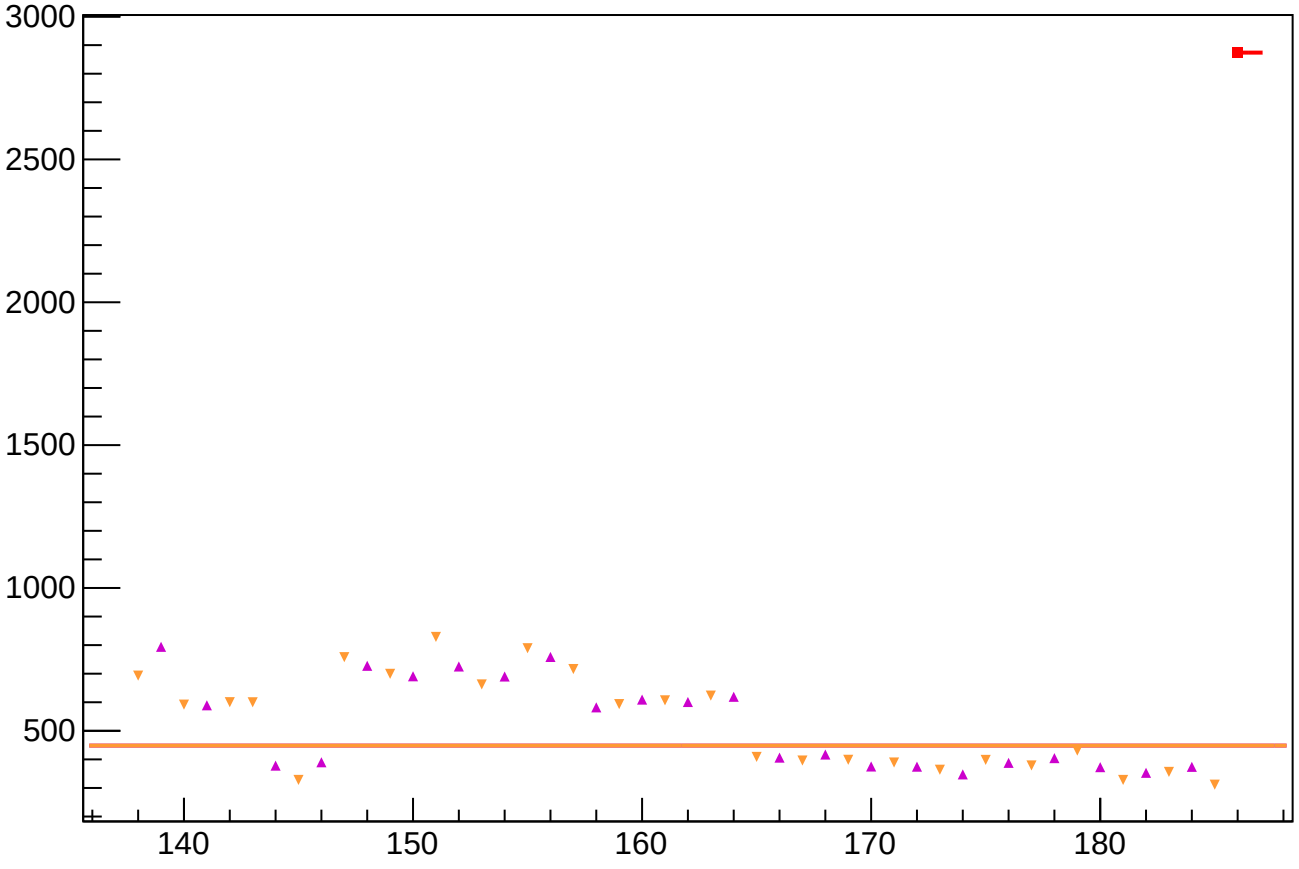
Right: -8036.867+/-4667.395 χ^2/NDF: 0.0/0

In: 99.475+/-111.475 χ^2/NDF:32.1/22

Out: 333.313+/-109.800 χ^2/NDF:51.8/25

All: 218.163+/-78.226 χ^2/NDF: 86.1/48

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 448.397+/-0.078 χ^2/NDF:3077183.0/24

Right Out: 2873.828+/-3.300 χ^2/NDF: 0.0/0

Left In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

Left: 448.319+/-0.055 χ^2/NDF: 5640640.6/47

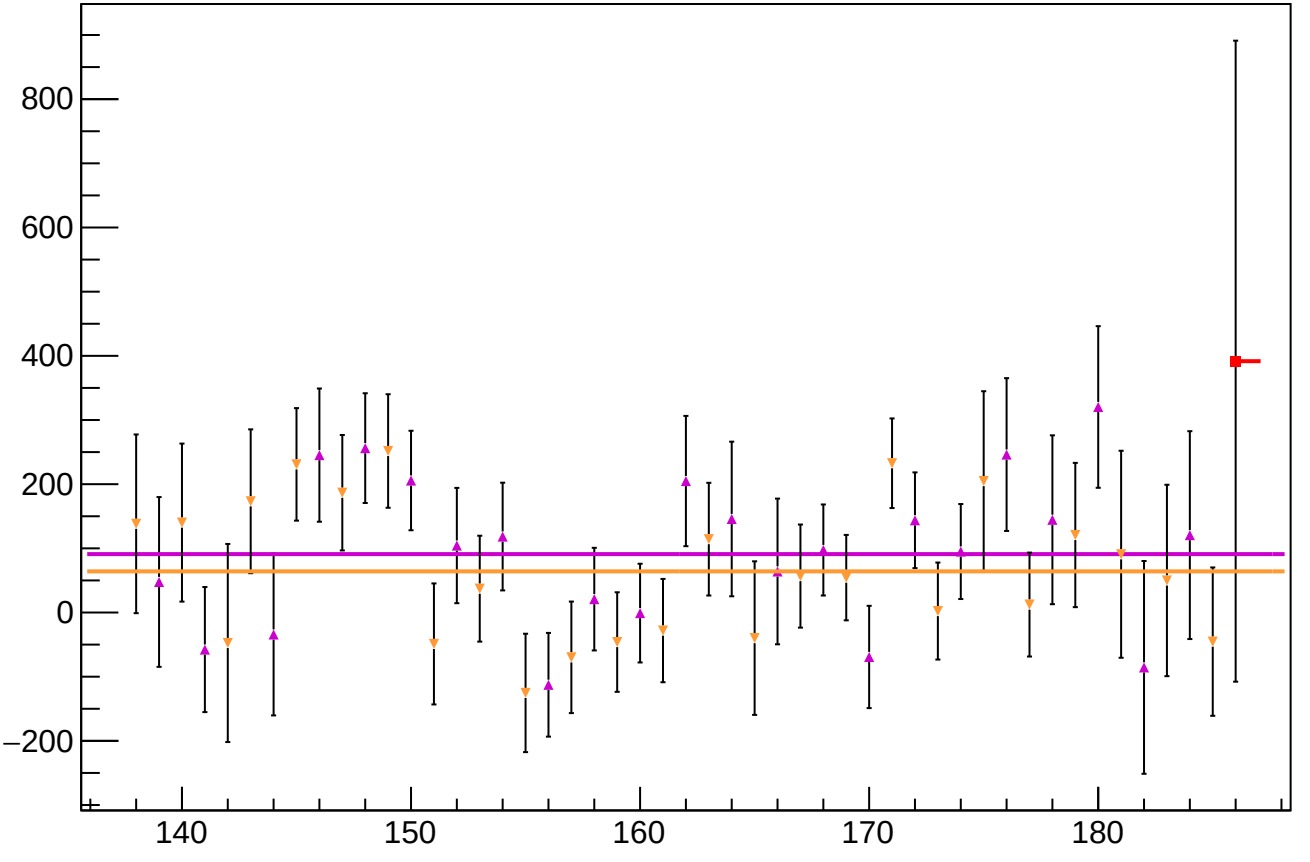
Right: 2873.828+/-3.300 χ^2/NDF: 0.0/0

In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

Out: 449.739+/-0.078 χ^2/NDF:3616965.2/25

All: 449.000+/-0.055 χ^2/NDF: 6180604.6/48

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 64.142+/-18.728 χ^2/NDF:33.8/24

Right Out: 391.682+/-499.478 χ^2/NDF: 0.0/0

Left In: 91.028+/-19.637 χ^2/NDF:32.6/22

Left: 76.948+/-13.553 χ^2/NDF: 67.4/47

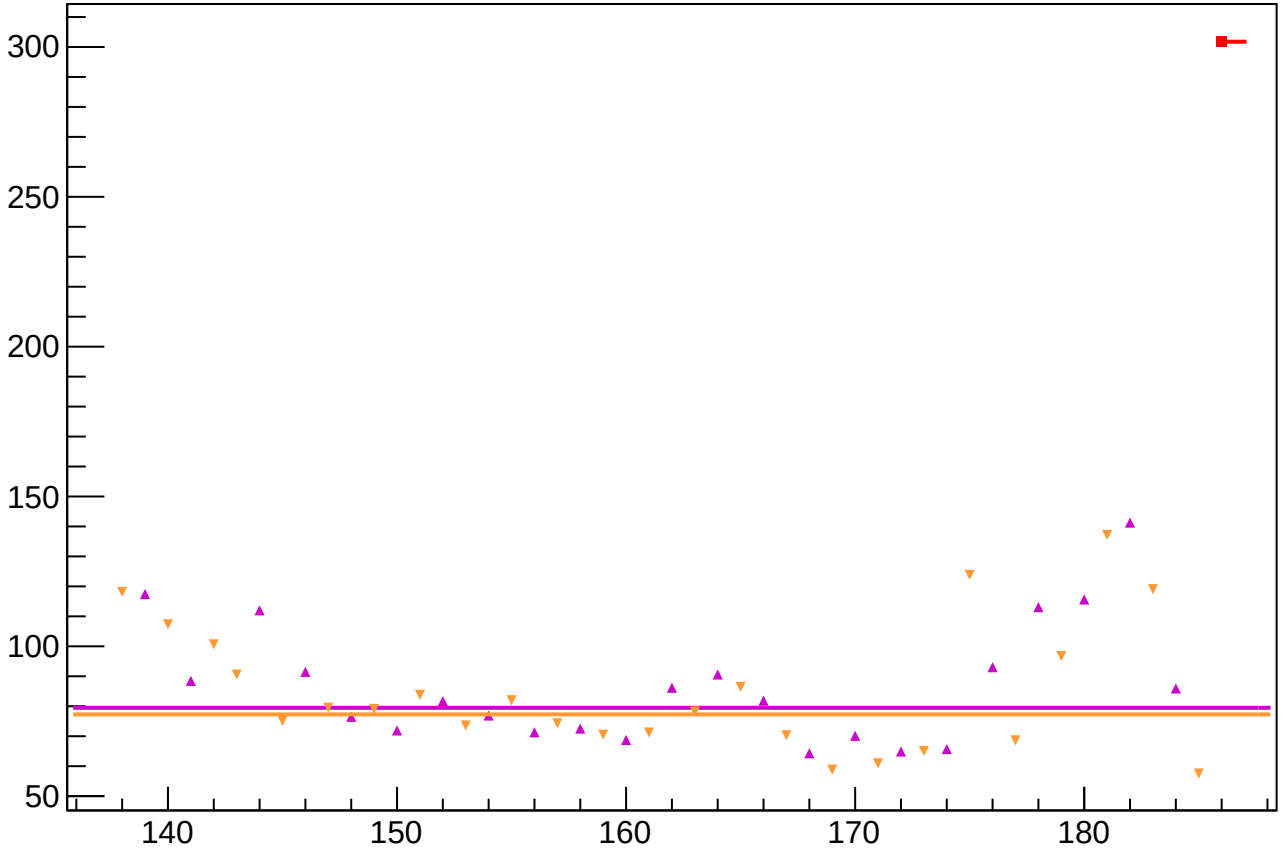
Right: 391.682+/-499.478 χ^2/NDF: 0.0/0

In: 91.028+/-19.637 χ^2/NDF:32.6/22

Out: 64.601+/-18.714 χ^2/NDF:34.2/25

All: 77.179+/-13.548 χ^2/NDF: 67.8/48

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 77.280+/-0.013 χ^2/NDF:1553410.1/24

Right Out: 301.760+/-0.353 χ^2/NDF: 0.0/0

Left In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

Left: 78.333+/-0.010 χ^2/NDF: 2900472.8/47

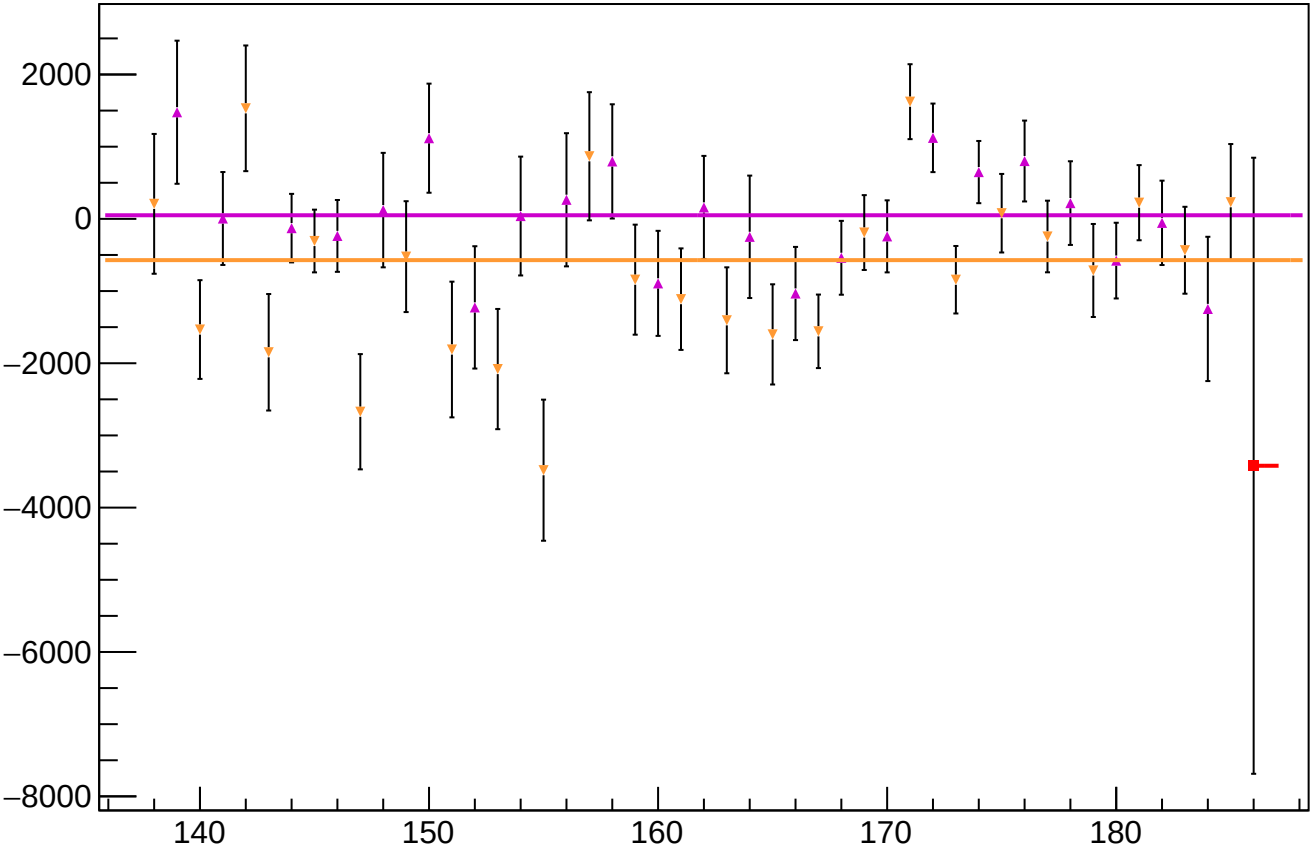
Right: 301.760+/-0.353 χ^2/NDF: 0.0/0

In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

Out: 77.595+/-0.013 χ^2/NDF:1956816.3/25

All: 78.498+/-0.010 χ^2/NDF: 3300368.9/48

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -571.669+/-128.158 χ^2/NDF:66.8/24

Right Out: -3420.219+/-4267.312 χ^2/NDF: 0.0/0

Left In: 50.077+/-129.187 χ^2/NDF:26.1/22

Left: -263.282+/-90.983 χ^2/NDF: 104.6/47

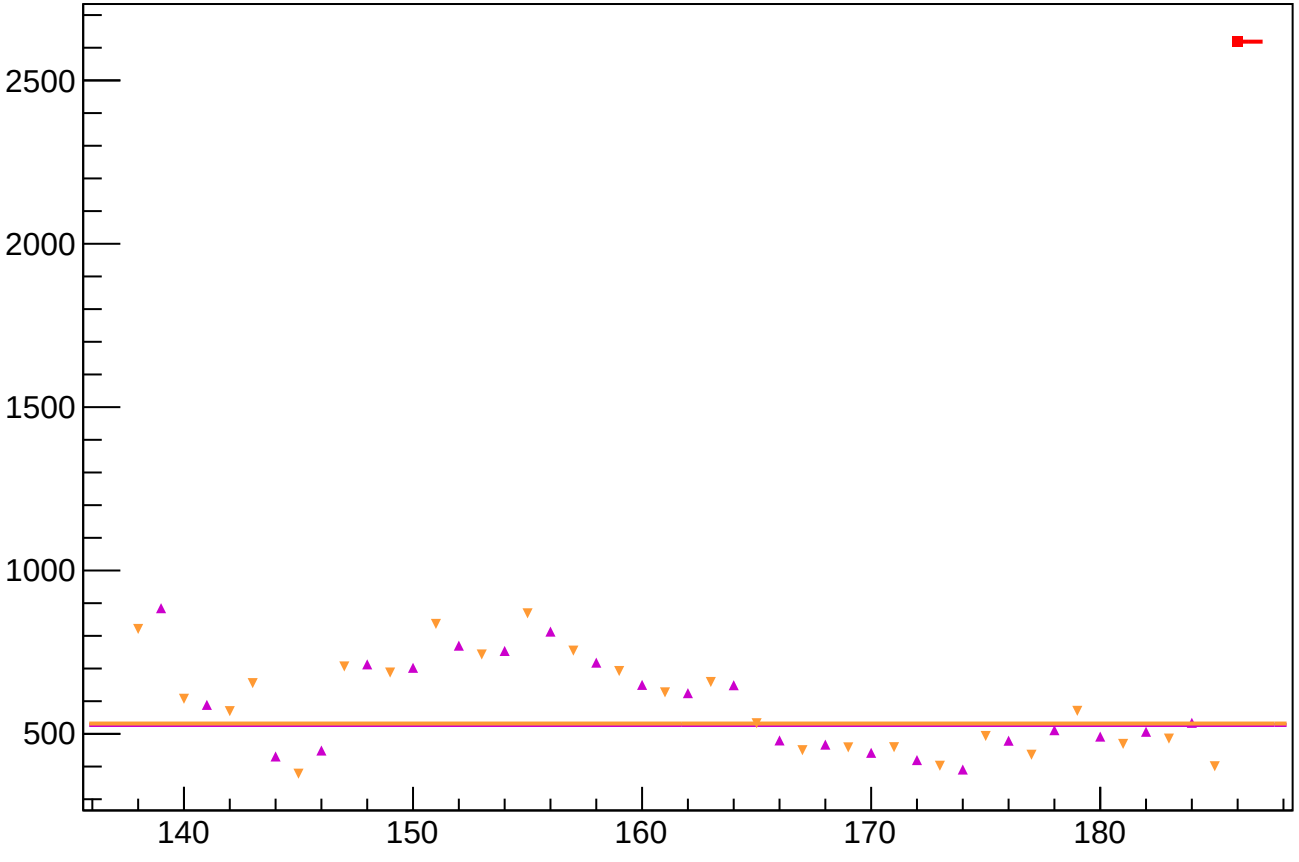
Right: -3420.219+/-4267.312 χ^2/NDF: 0.0/0

In: 50.077+/-129.187 χ^2/NDF:26.1/22

Out: -574.236+/-128.100 χ^2/NDF:67.2/25

All: -264.716+/-90.962 χ^2/NDF: 105.1/48

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 531.643+/-0.091 χ^2/NDF:2038304.3/24

Right Out: 2618.601+/-3.017 χ^2/NDF: 0.0/0

Left In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

Left: 529.430+/-0.064 χ^2/NDF: 3852889.7/47

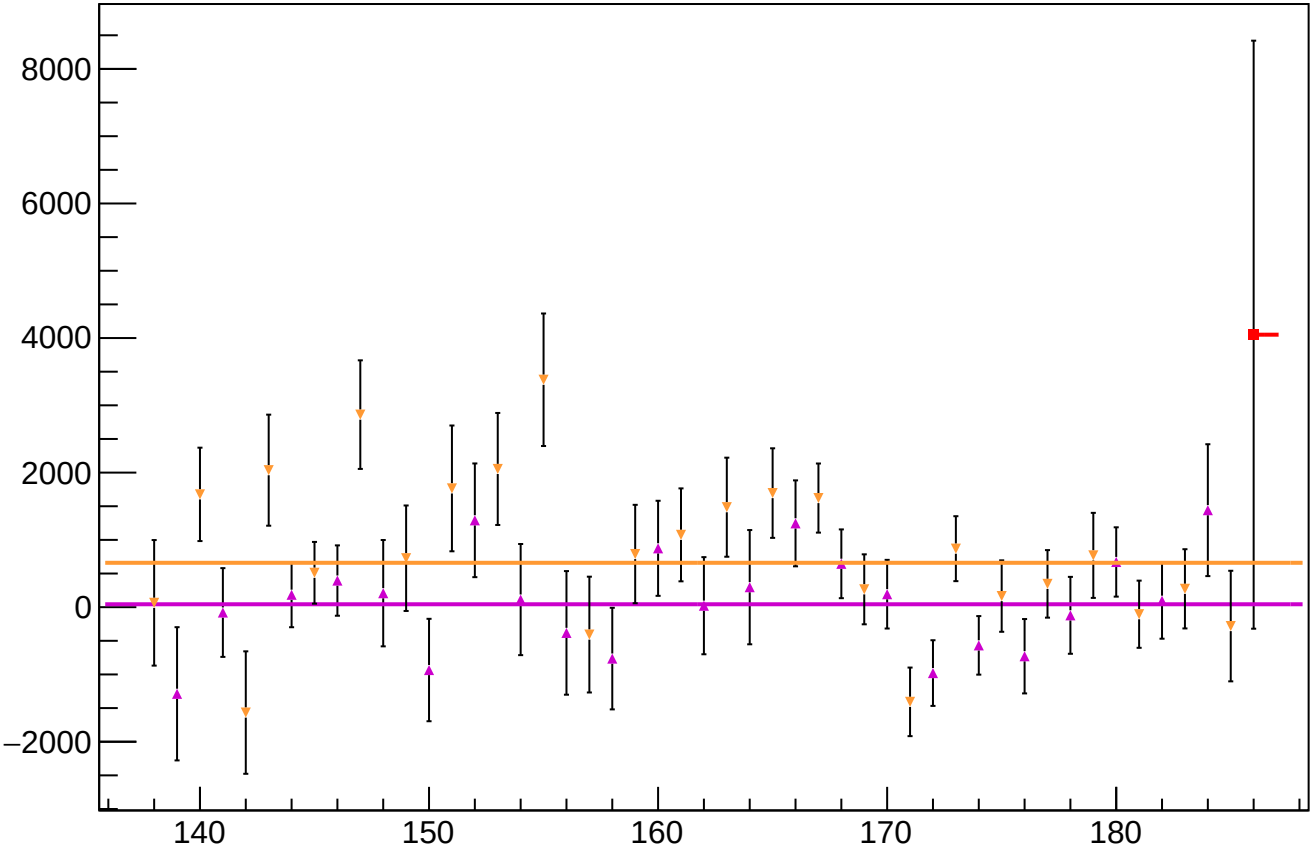
Right: 2618.601+/-3.017 χ^2/NDF: 0.0/0

In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

Out: 533.523+/-0.091 χ^2/NDF:2516226.4/25

All: 530.380+/-0.064 χ^2/NDF: 4332039.7/48

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 659.523+/-128.164 χ^2/NDF:62.4/24

Right Out: 4049.889+/-4370.005 χ^2/NDF: 0.0/0

Left In: 43.183+/-129.538 χ^2/NDF:26.0/22

Left: 354.638+/-91.108 χ^2/NDF: 99.9/47

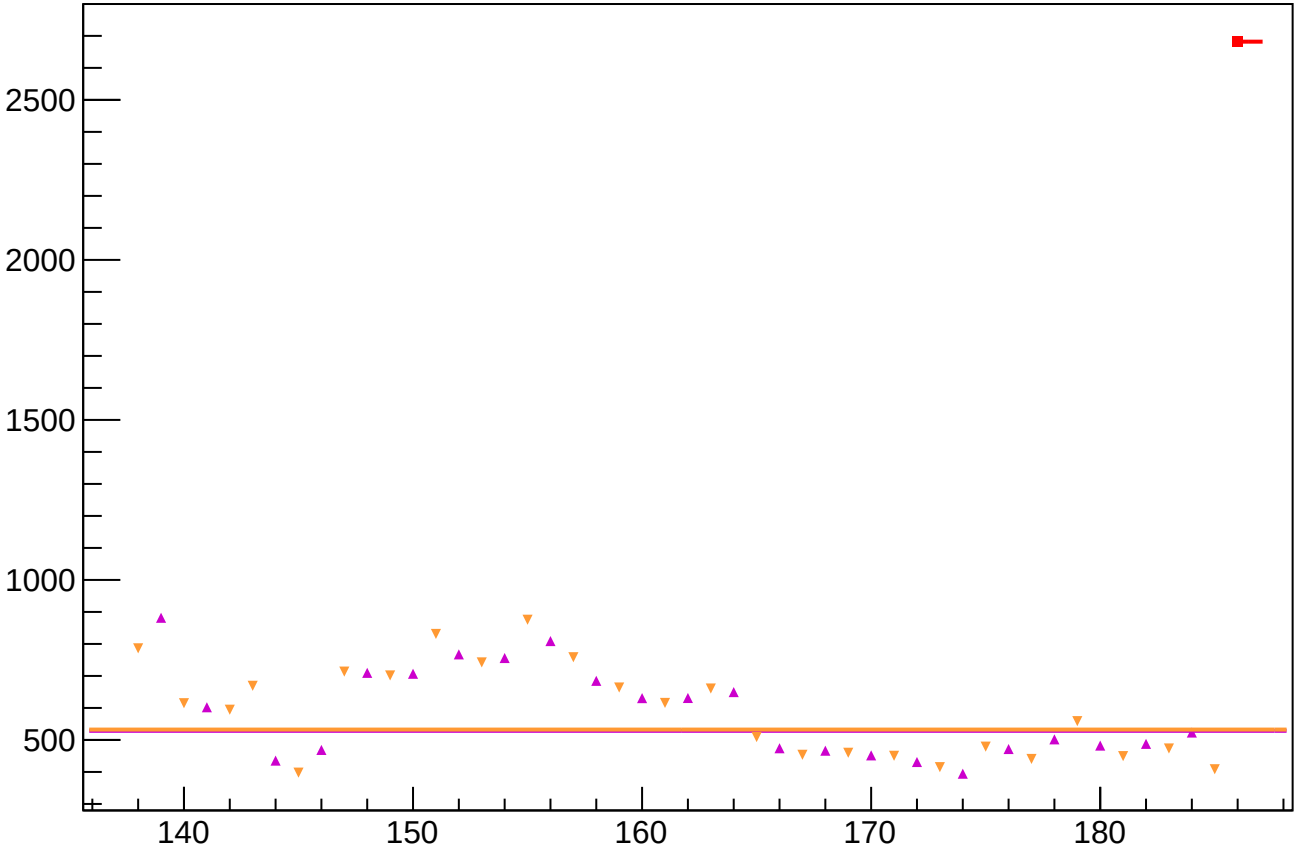
Right: 4049.889+/-4370.005 χ^2/NDF: 0.0/0

In: 43.183+/-129.538 χ^2/NDF:26.0/22

Out: 662.437+/-128.109 χ^2/NDF:63.0/25

All: 356.243+/-91.088 χ^2/NDF: 100.6/48

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 532.393+/-0.091 χ^2/NDF:1943066.8/24

Right Out: 2681.937+/-3.090 χ^2/NDF: 0.0/0

Left In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

Left: 530.449+/-0.064 χ^2/NDF: 3656045.7/47

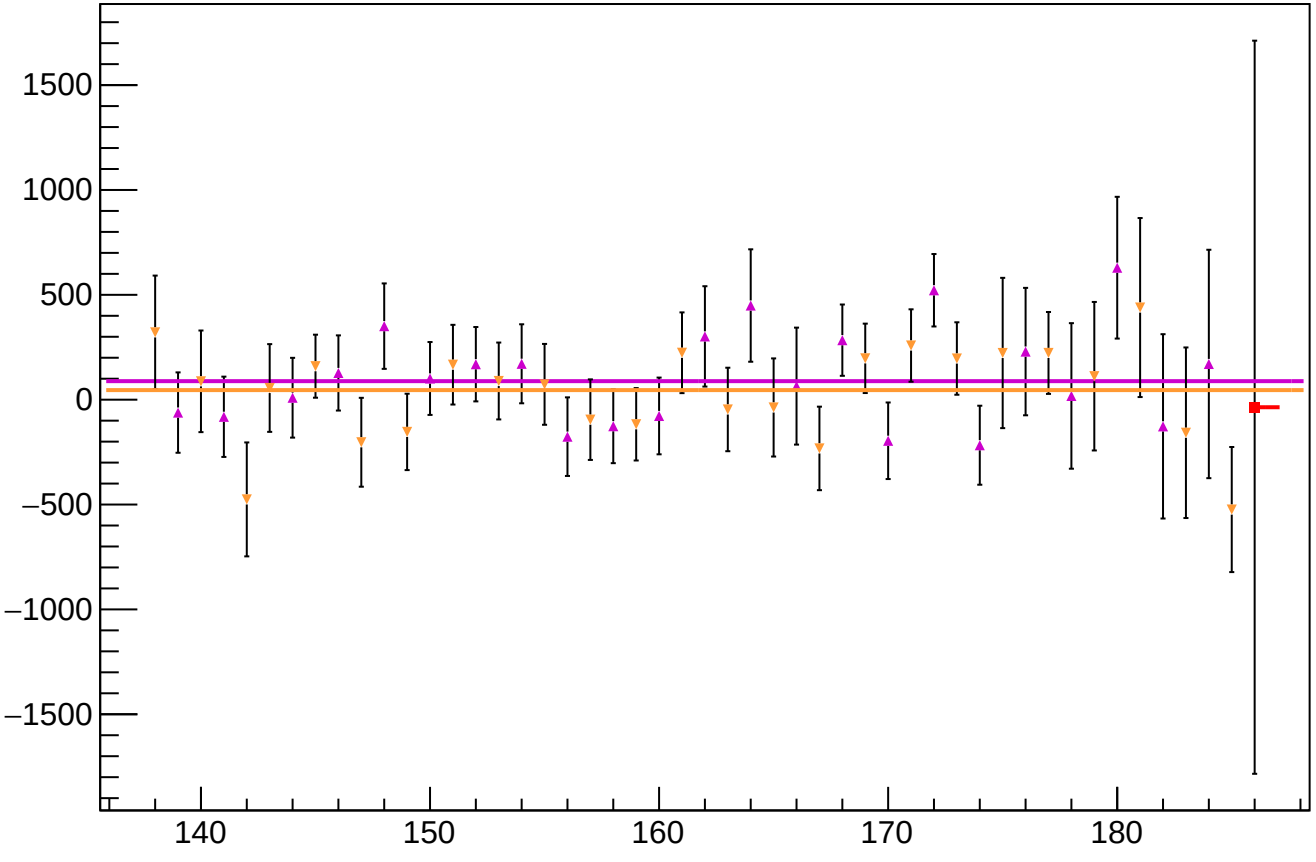
Right: 2681.937+/-3.090 χ^2/NDF: 0.0/0

In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

Out: 534.240+/-0.091 χ^2/NDF:2426555.0/25

All: 531.384+/-0.064 χ^2/NDF: 4140614.4/48

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 45.675+/-41.779 χ^2/NDF:21.9/24

Right Out: -36.000+/-1747.897 χ^2/NDF: 0.0/0

Left In: 88.356+/-43.518 χ^2/NDF:26.4/22

Left: 66.145+/-30.138 χ^2/NDF: 48.8/47

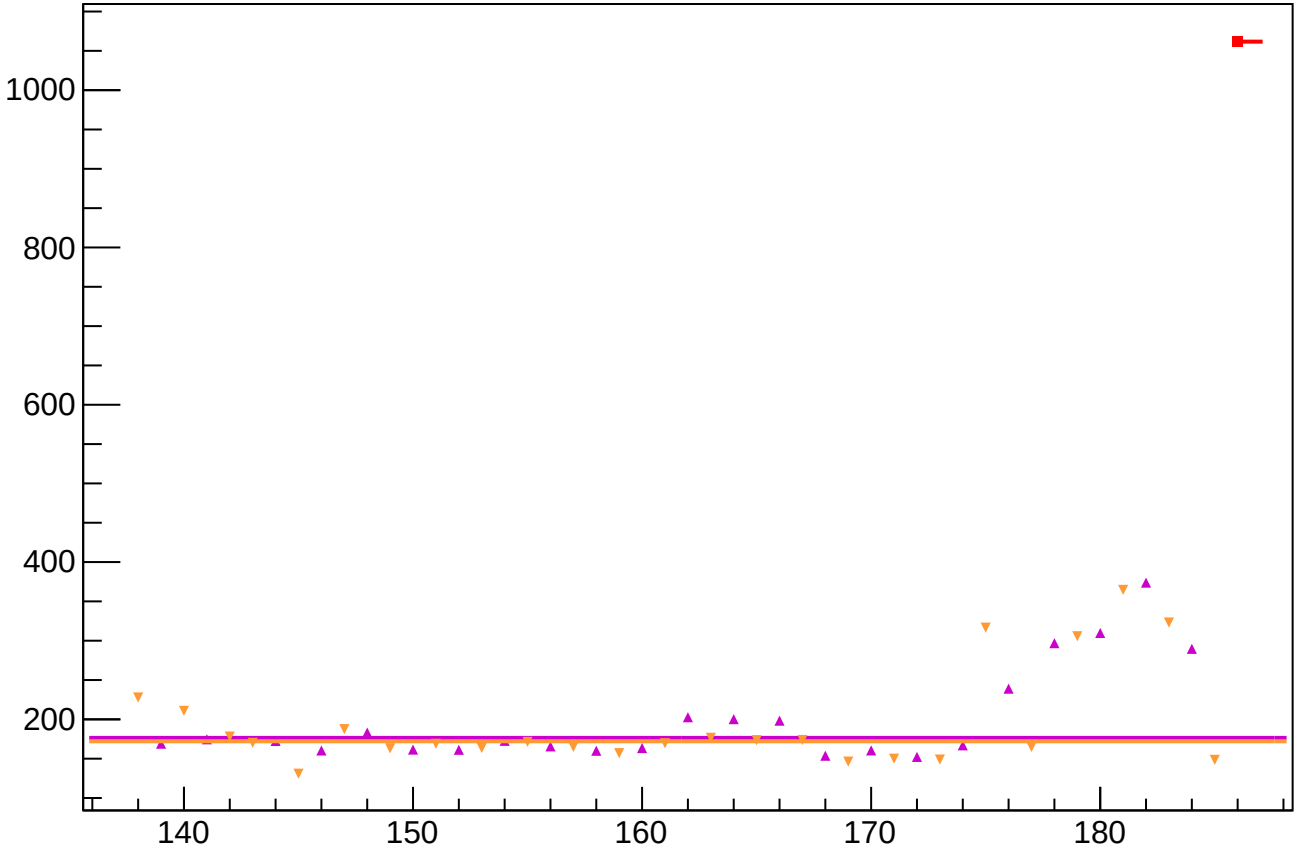
Right: -36.000+/-1747.897 χ^2/NDF: 0.0/0

In: 88.356+/-43.518 χ^2/NDF:26.4/22

Out: 45.629+/-41.767 χ^2/NDF:21.9/25

All: 66.115+/-30.134 χ^2/NDF: 48.8/48

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 172.097+/-0.030 χ^2/NDF:1752497.1/24

Right Out: 1061.708+/-1.236 χ^2/NDF: 0.0/0

Left In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

Left: 174.173+/-0.021 χ^2/NDF: 3123399.2/47

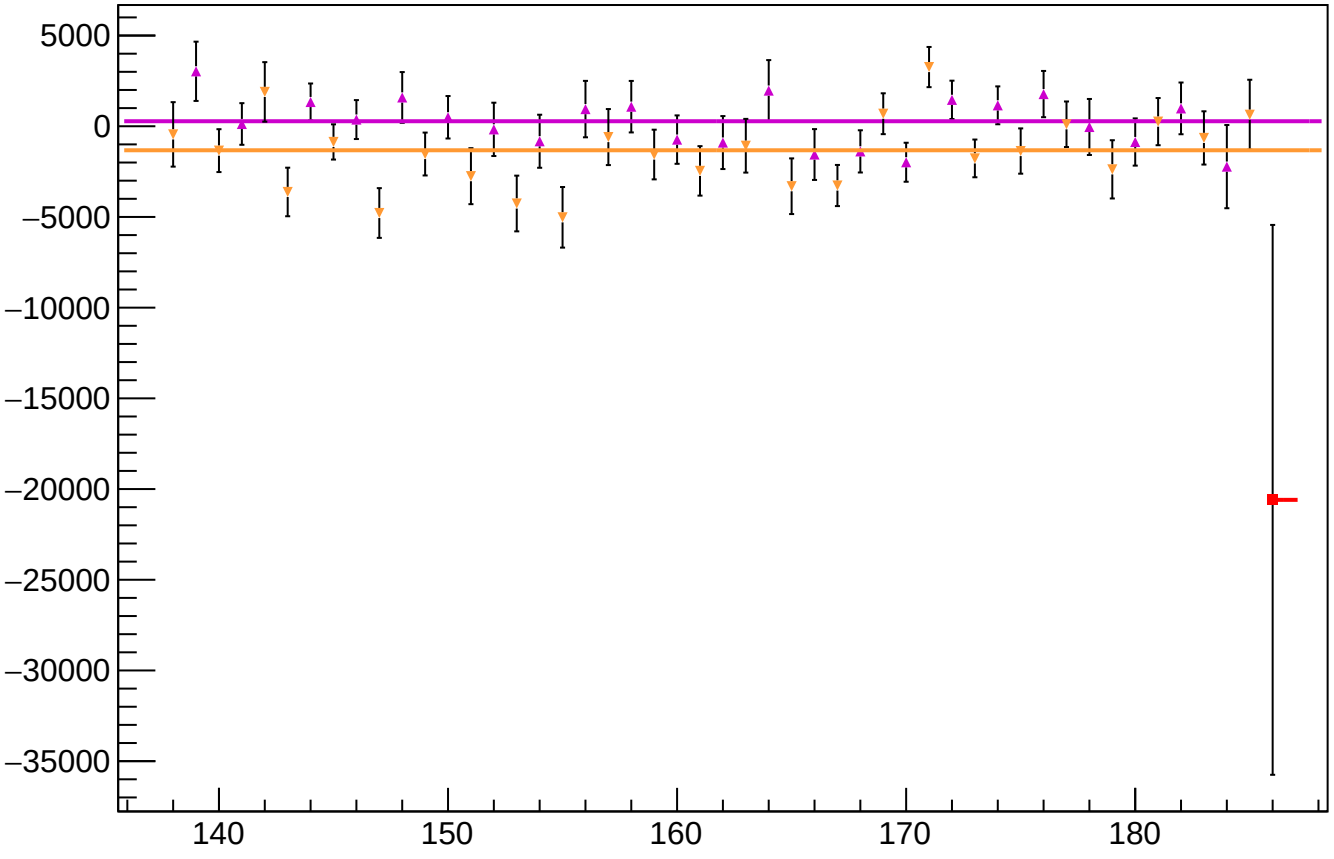
Right: 1061.708+/-1.236 χ^2/NDF: 0.0/0

In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

Out: 172.605+/-0.030 χ^2/NDF:2270283.0/25

All: 174.436+/-0.021 χ^2/NDF: 3638912.7/48

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1324.367+/-265.950 χ^2/NDF:53.6/24

Right Out: -20595.593+/-15156.045 χ^2/NDF: 0.0/0

Left In: 276.678+/-270.547 χ^2/NDF:22.0/22

Left: -537.562+/-189.659 χ^2/NDF: 93.5/47

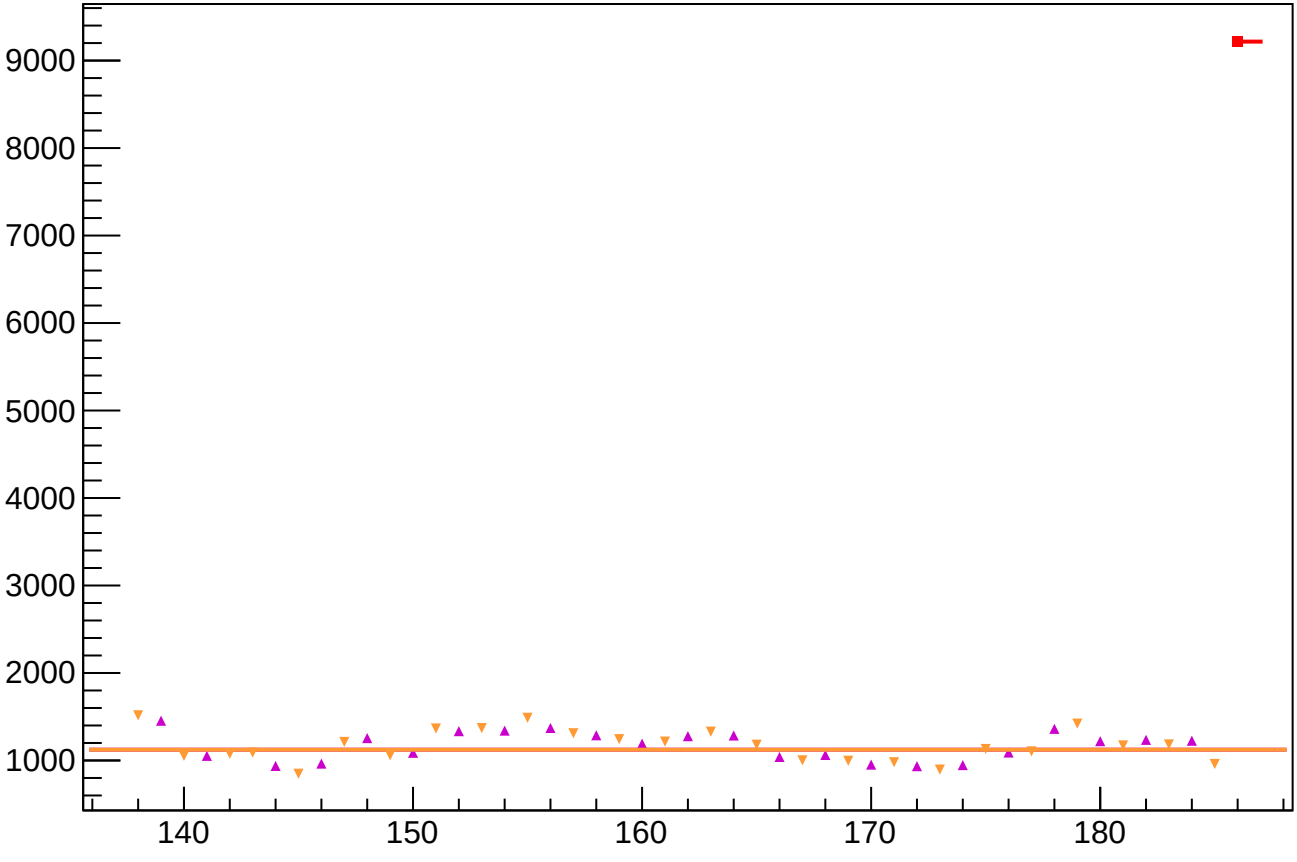
Right: -20595.593+/-15156.045 χ^2/NDF: 0.0/0

In: 276.678+/-270.547 χ^2/NDF:22.0/22

Out: -1330.299+/-265.909 χ^2/NDF:55.2/25

All: -540.702+/-189.644 χ^2/NDF: 95.2/48

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1123.022+/-0.188 χ^2/NDF:842393.5/24

Right Out: 9216.680+/-10.717 χ^2/NDF: 0.0/0

Left In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

Left: 1123.084+/-0.134 χ^2/NDF: 1532172.1/47

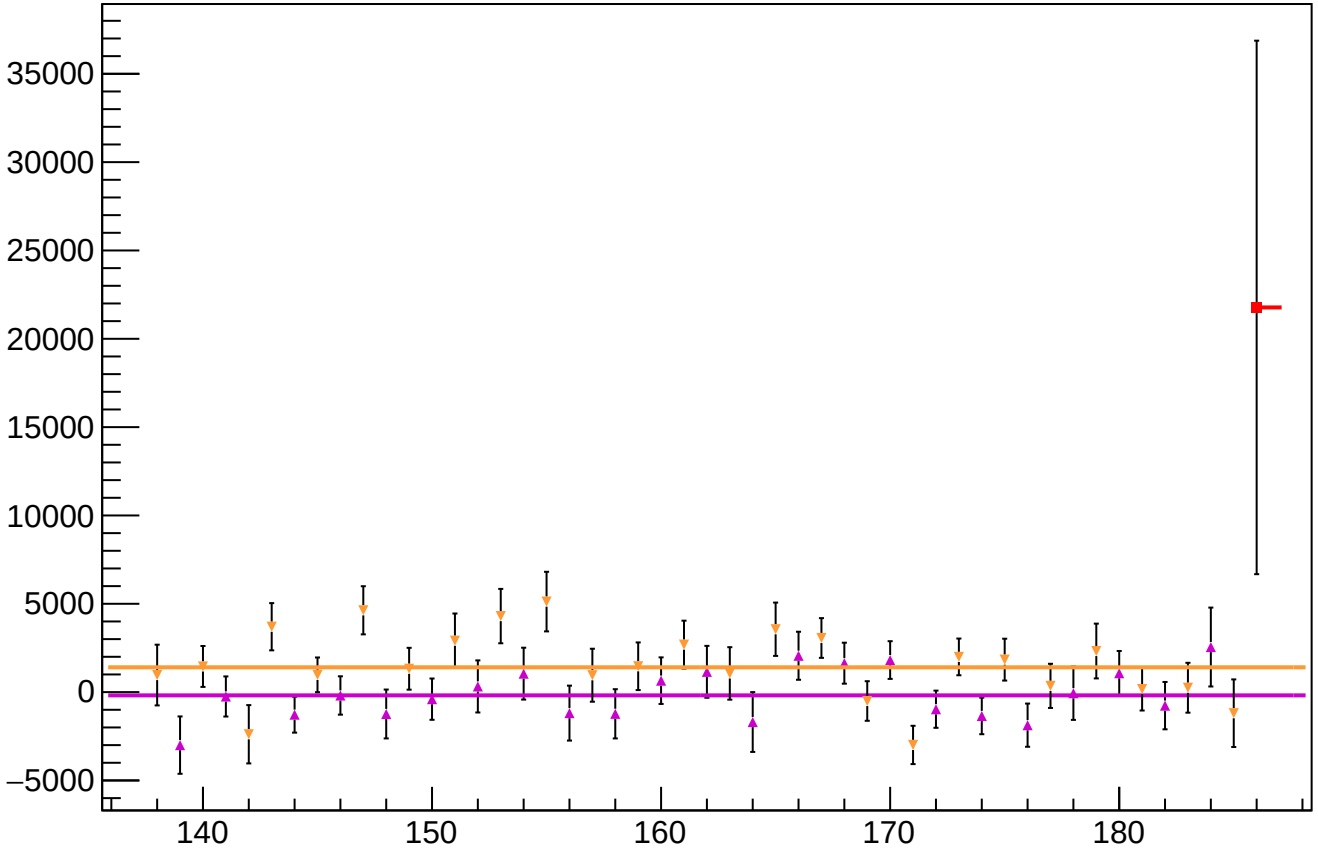
Right: 9216.680+/-10.717 χ^2/NDF: 0.0/0

In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

Out: 1125.513+/-0.188 χ^2/NDF:1412576.4/25

All: 1124.351+/-0.134 χ^2/NDF: 2102432.6/48

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1404.763+/-262.517 χ^2/NDF:53.1/24

Right Out: 21775.967+/-15099.885 χ^2/NDF: 0.0/0

Left In: -183.249+/-267.620 χ^2/NDF:23.7/22

Left: 626.041+/-187.406 χ^2/NDF: 94.8/47

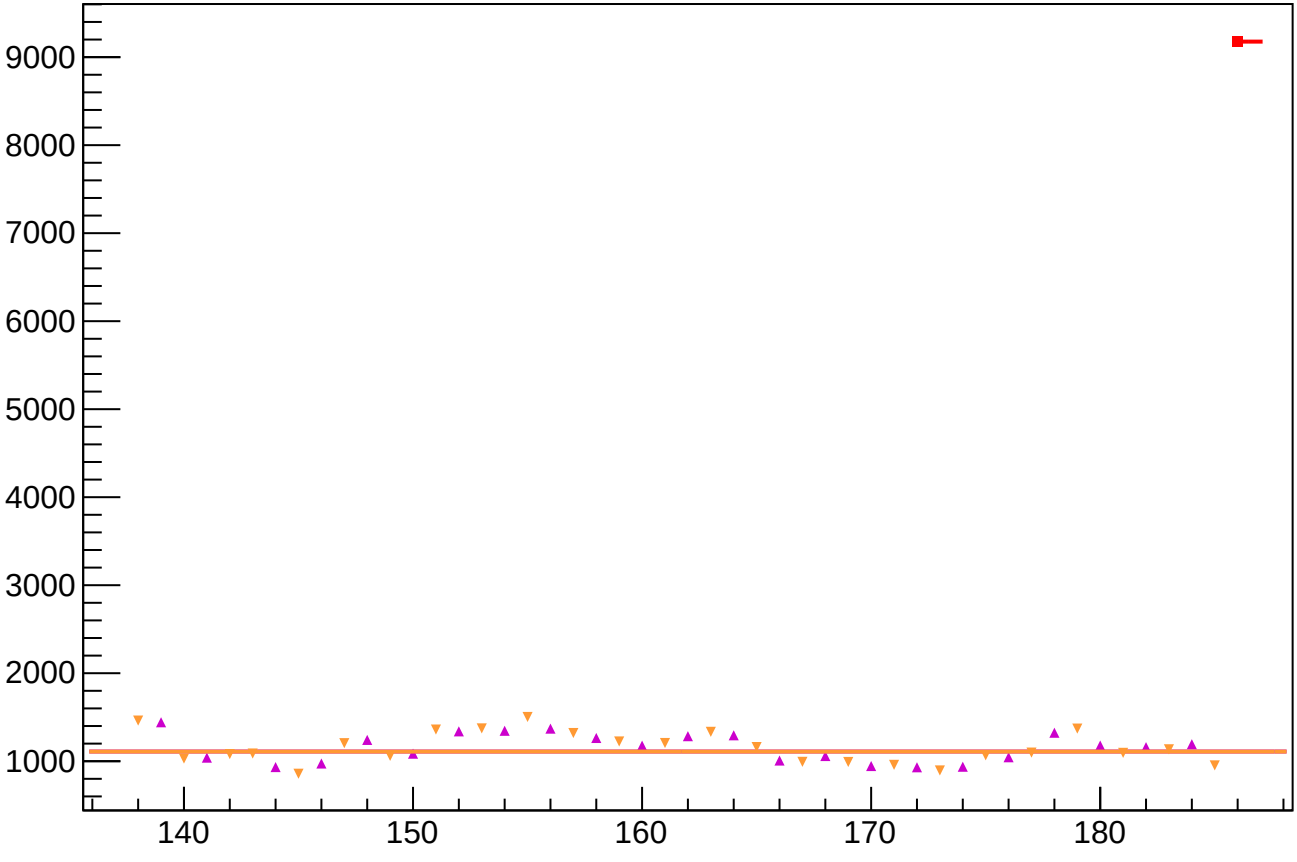
Right: 21775.967+/-15099.885 χ^2/NDF: 0.0/0

In: -183.249+/-267.620 χ^2/NDF:23.7/22

Out: 1410.918+/-262.477 χ^2/NDF:54.9/25

All: 629.299+/-187.391 χ^2/NDF: 96.7/48

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1109.574+/-0.186 χ^2/NDF:812957.8/24

Right Out: 9176.590+/-10.677 χ^2/NDF: 0.0/0

Left In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

Left: 1109.863+/-0.133 χ^2/NDF: 1486192.0/47

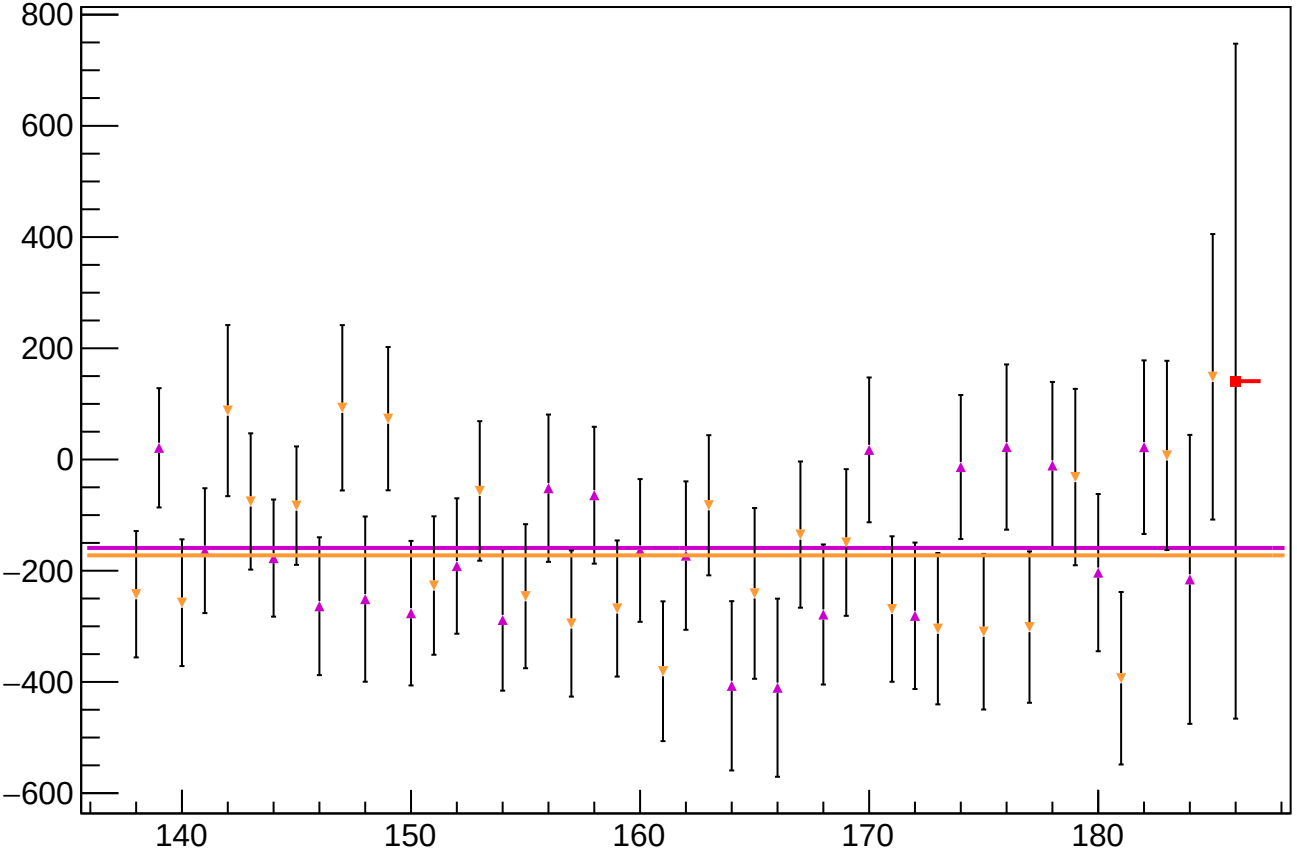
Right: 9176.590+/-10.677 χ^2/NDF: 0.0/0

In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

Out: 1112.012+/-0.186 χ^2/NDF:1383617.6/25

All: 1111.105+/-0.133 χ^2/NDF: 2056895.5/48

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -172.357+/-26.709 χ^2/NDF:27.2/24

Right Out: 140.889+/-606.920 χ^2/NDF: 0.0/0

Left In: -159.044+/-27.608 χ^2/NDF:21.1/22

Left: -165.921+/-19.196 χ^2/NDF: 48.4/47

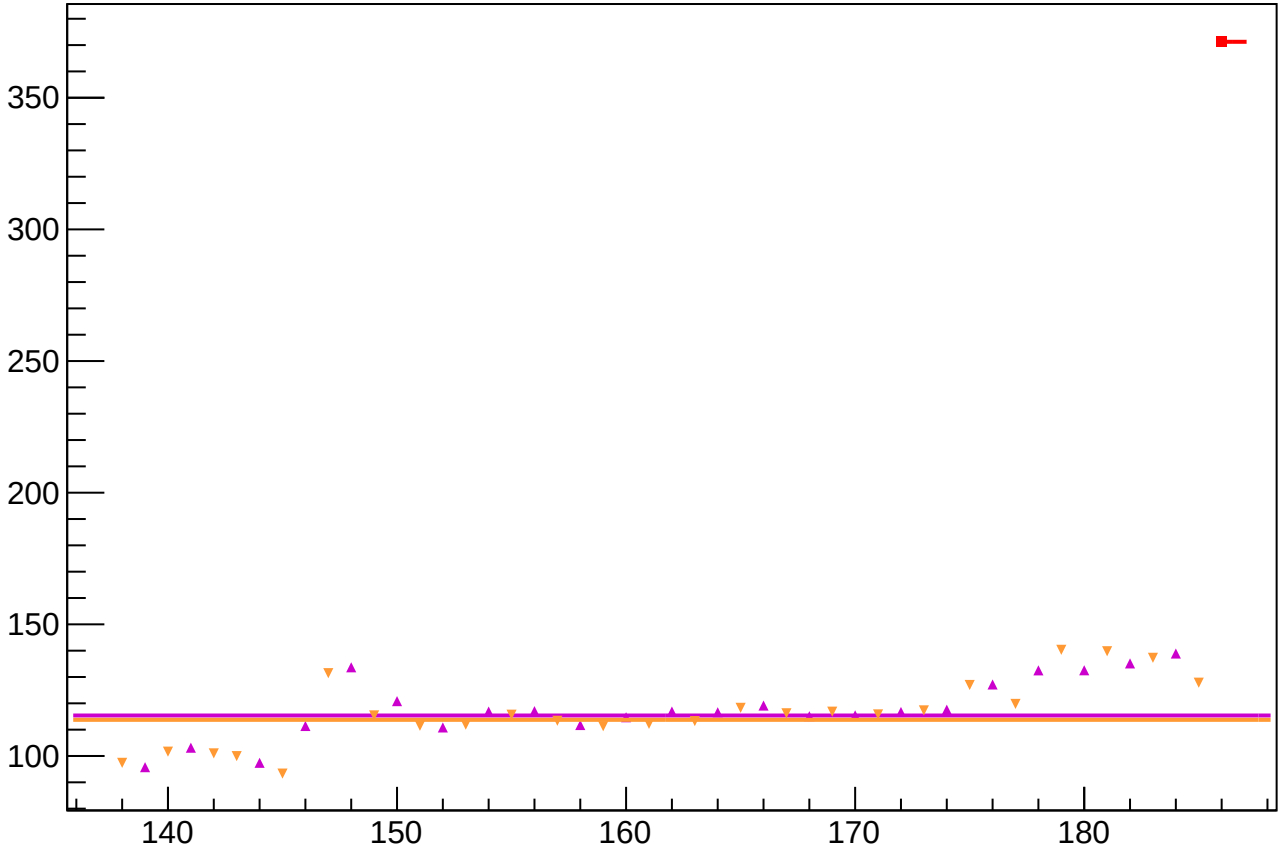
Right: 140.889+/-606.920 χ^2/NDF: 0.0/0

In: -159.044+/-27.608 χ^2/NDF:21.1/22

Out: -171.751+/-26.683 χ^2/NDF:27.5/25

All: -165.614+/-19.187 χ^2/NDF: 48.7/48

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 113.727+/-0.019 χ^2/NDF:392153.8/24

Right Out: 371.249+/-0.429 χ^2/NDF: 0.0/0

Left In: 115.377+/-0.020 χ^2/NDF:309034.7/22

Left: 114.525+/-0.014 χ^2/NDF: 704876.2/47

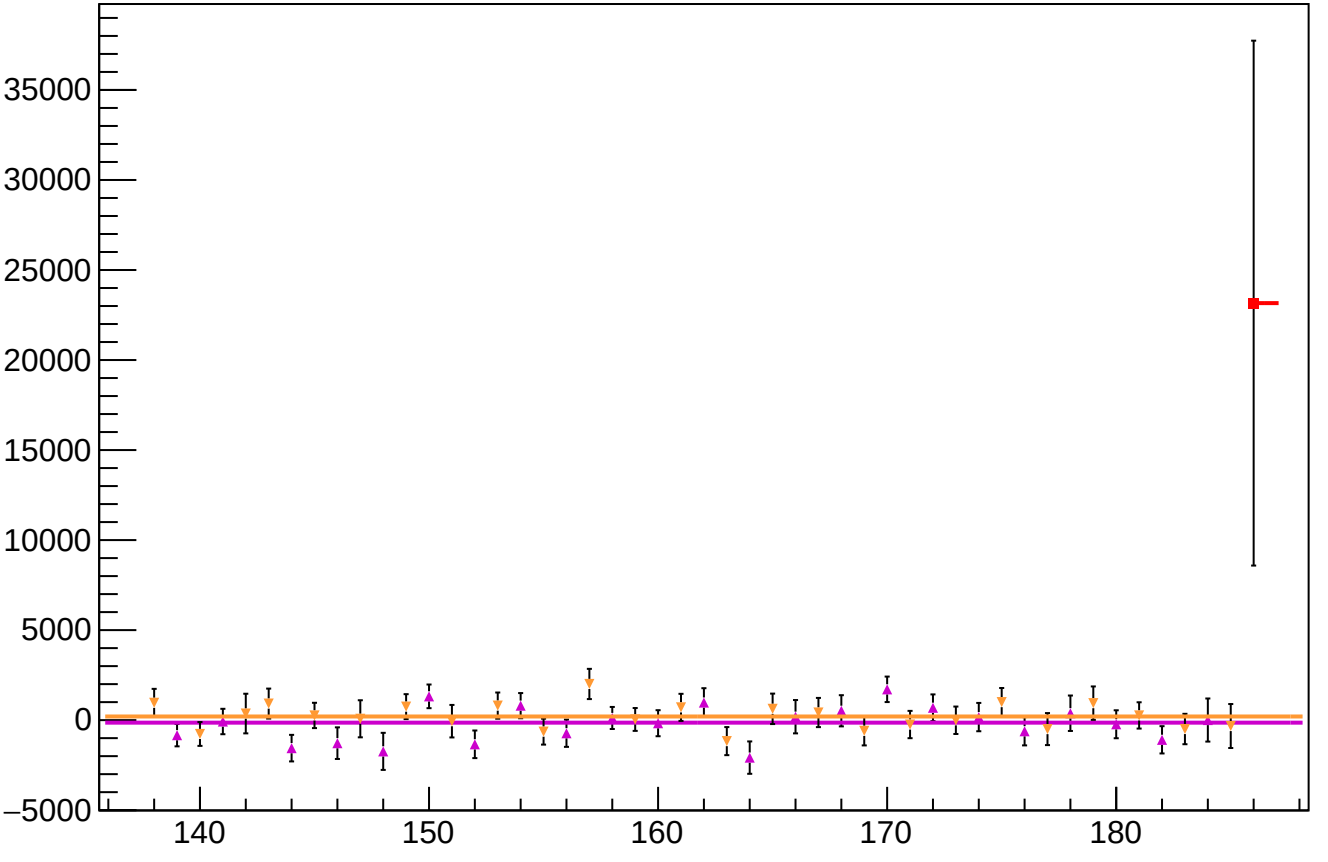
Right: 371.249+/-0.429 χ^2/NDF: 0.0/0

In: 115.377+/-0.020 χ^2/NDF:309034.7/22

Out: 114.225+/-0.019 χ^2/NDF:751534.1/25

All: 114.781+/-0.014 χ^2/NDF: 1062368.3/48

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 202.466+/-159.030 χ^2/NDF:19.8/24

Right Out: 23160.936+/-14576.091 χ^2/NDF: 0.0/0

Left In: -140.039+/-161.024 χ^2/NDF:36.9/22

Left: 33.348+/-113.149 χ^2/NDF: 58.9/47

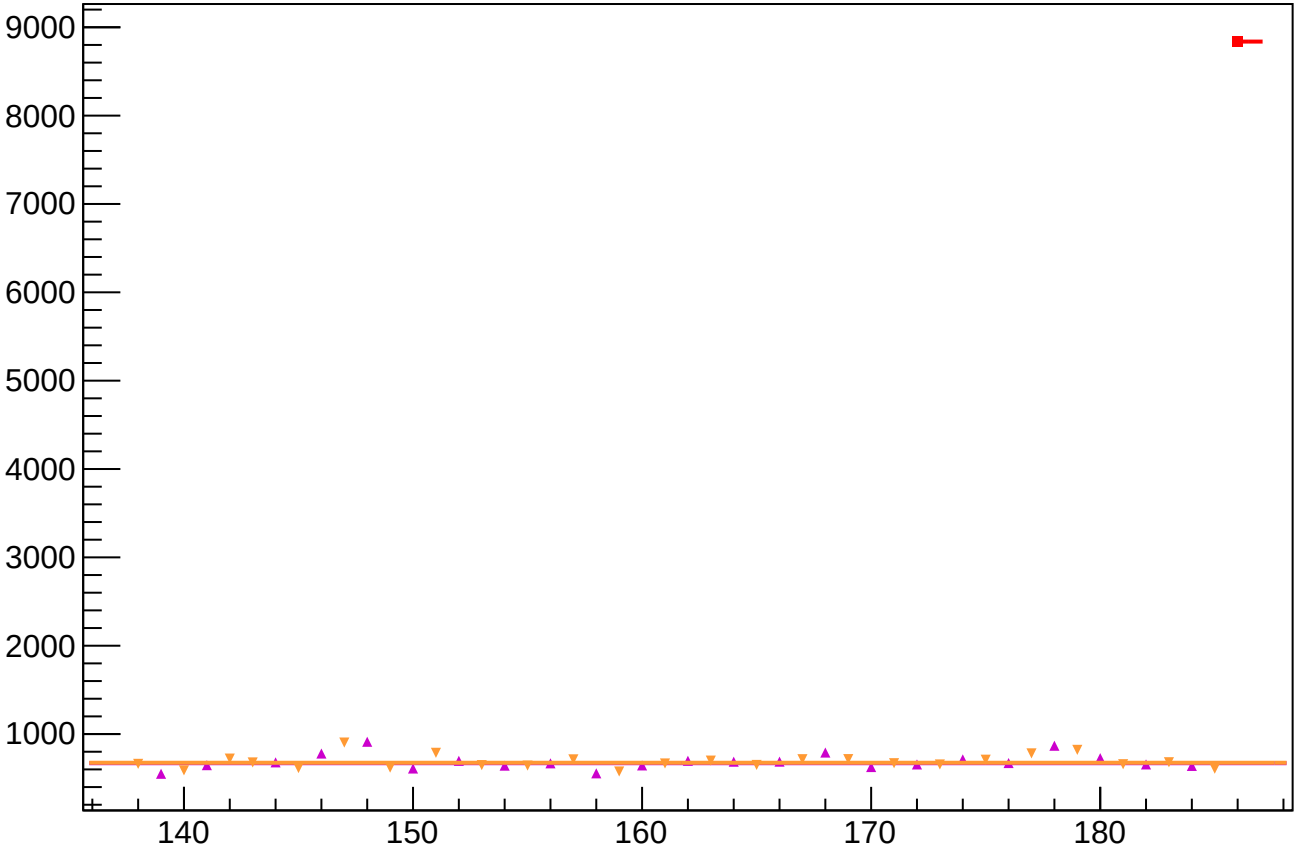
Right: 23160.936+/-14576.091 χ^2/NDF: 0.0/0

In: -140.039+/-161.024 χ^2/NDF:36.9/22

Out: 205.199+/-159.020 χ^2/NDF:22.3/25

All: 34.741+/-113.146 χ^2/NDF: 61.5/48

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 675.335+/-0.112 χ^2/NDF:358713.6/24

Right Out: 8838.020+/-10.307 χ^2/NDF: 0.0/0

Left In: 669.938+/-0.114 χ^2/NDF:464085.7/22

Left: 672.670+/-0.080 χ^2/NDF: 823936.7/47

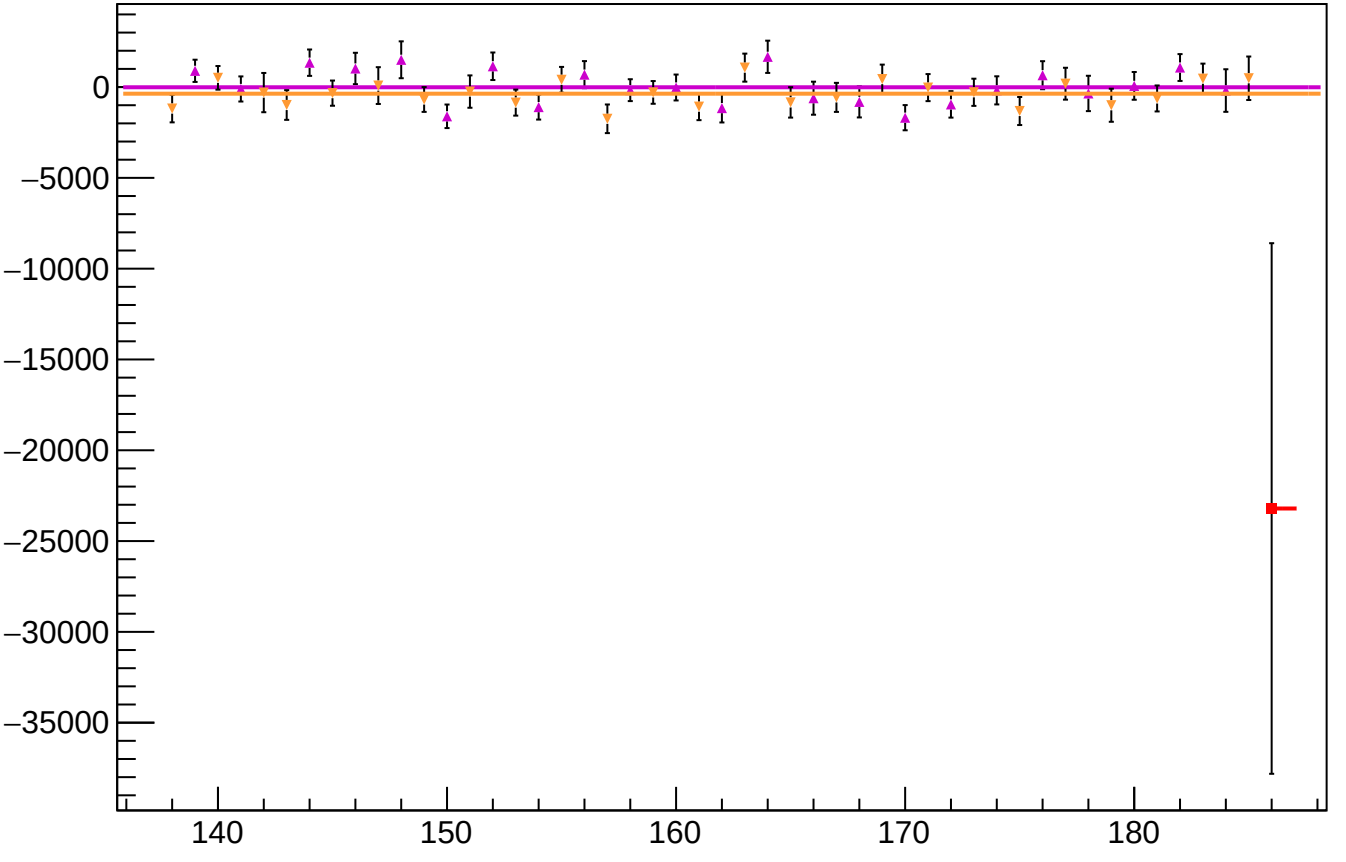
Right: 8838.020+/-10.307 χ^2/NDF: 0.0/0

In: 669.938+/-0.114 χ^2/NDF:464085.7/22

Out: 676.306+/-0.112 χ^2/NDF:985850.4/25

All: 673.162+/-0.080 χ^2/NDF: 1451519.9/48

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -365.394+/-156.301 χ^2/NDF:18.7/24

Right Out: -23206.426+/-14608.895 χ^2/NDF: 0.0/0

Left In: -11.243+/-158.497 χ^2/NDF:38.8/22

Left: -190.789+/-111.290 χ^2/NDF: 60.1/47

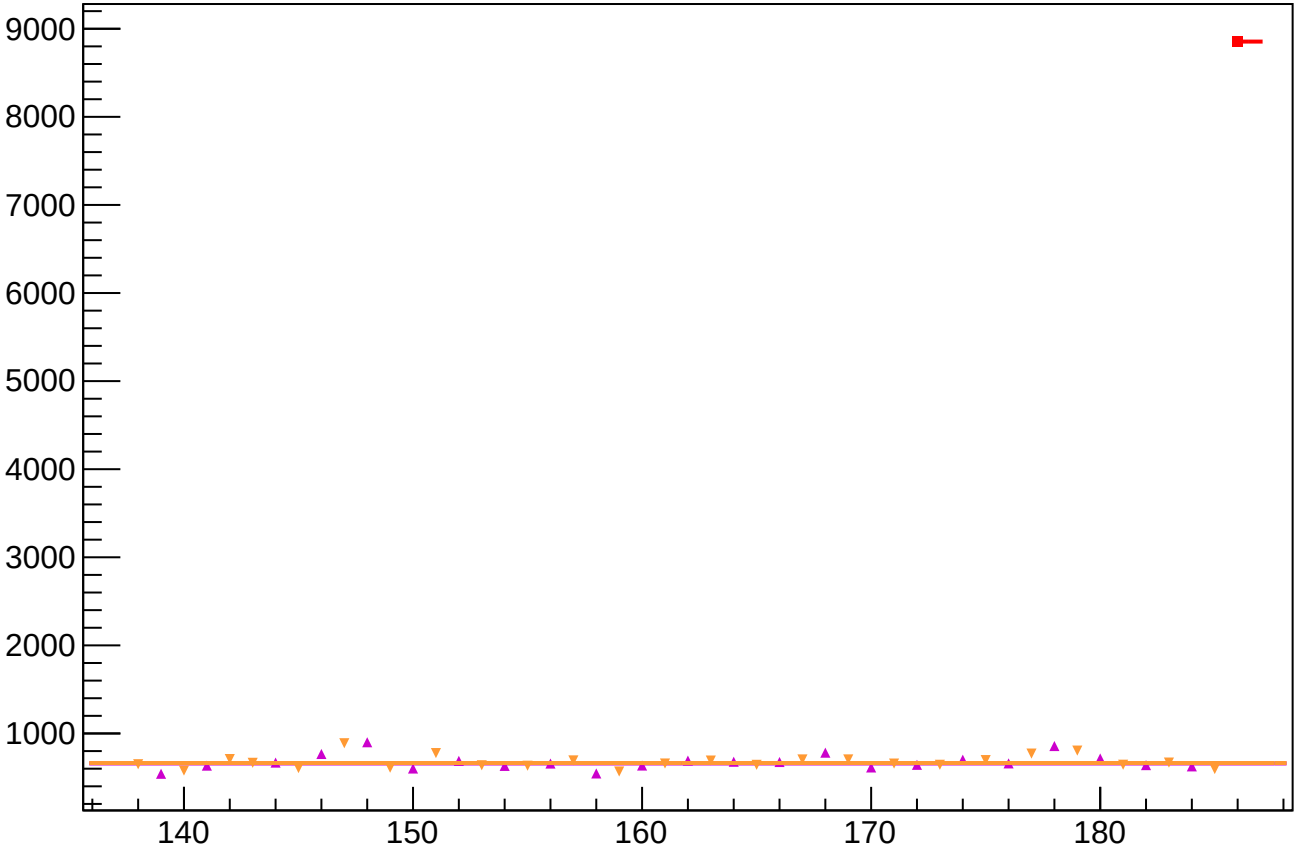
Right: -23206.426+/-14608.895 χ^2/NDF: 0.0/0

In: -11.243+/-158.497 χ^2/NDF:38.8/22

Out: -368.008+/-156.292 χ^2/NDF:21.2/25

All: -192.125+/-111.287 χ^2/NDF: 62.6/48

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 664.618+/-0.111 χ^2/NDF:356964.3/24

Right Out: 8854.443+/-10.330 χ^2/NDF: 0.0/0

Left In: 659.230+/-0.112 χ^2/NDF:472744.9/22

Left: 661.962+/-0.079 χ^2/NDF: 830881.0/47

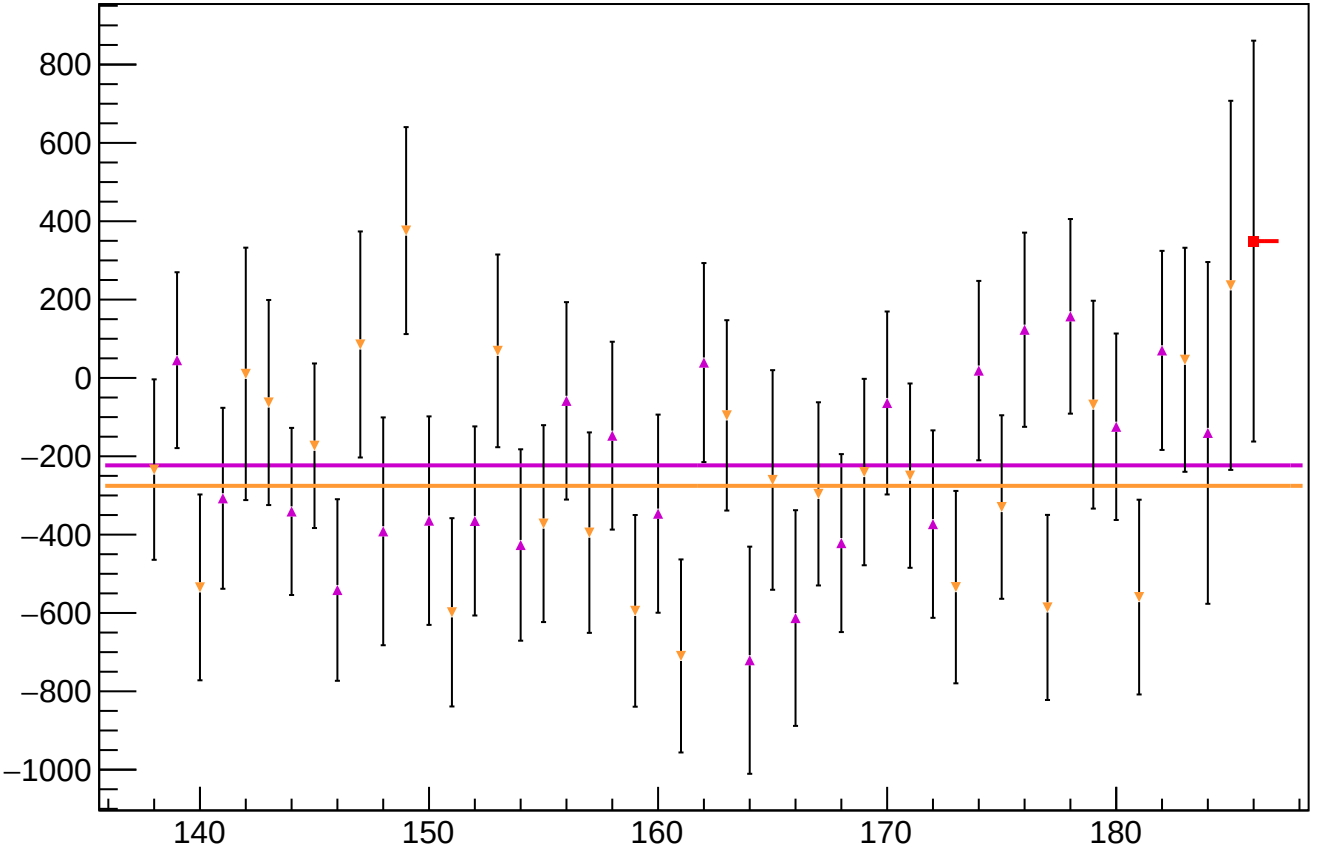
Right: 8854.443+/-10.330 χ^2/NDF: 0.0/0

In: 659.230+/-0.112 χ^2/NDF:472744.9/22

Out: 665.556+/-0.111 χ^2/NDF:985449.2/25

All: 662.437+/-0.079 χ^2/NDF: 1459809.1/48

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -275.447+/-50.539 χ^2/NDF:27.3/24

Right Out: 349.282+/-511.678 χ^2/NDF: 0.0/0

Left In: -223.195+/-51.742 χ^2/NDF:20.8/22

Left: -249.935+/-36.154 χ^2/NDF: 48.6/47

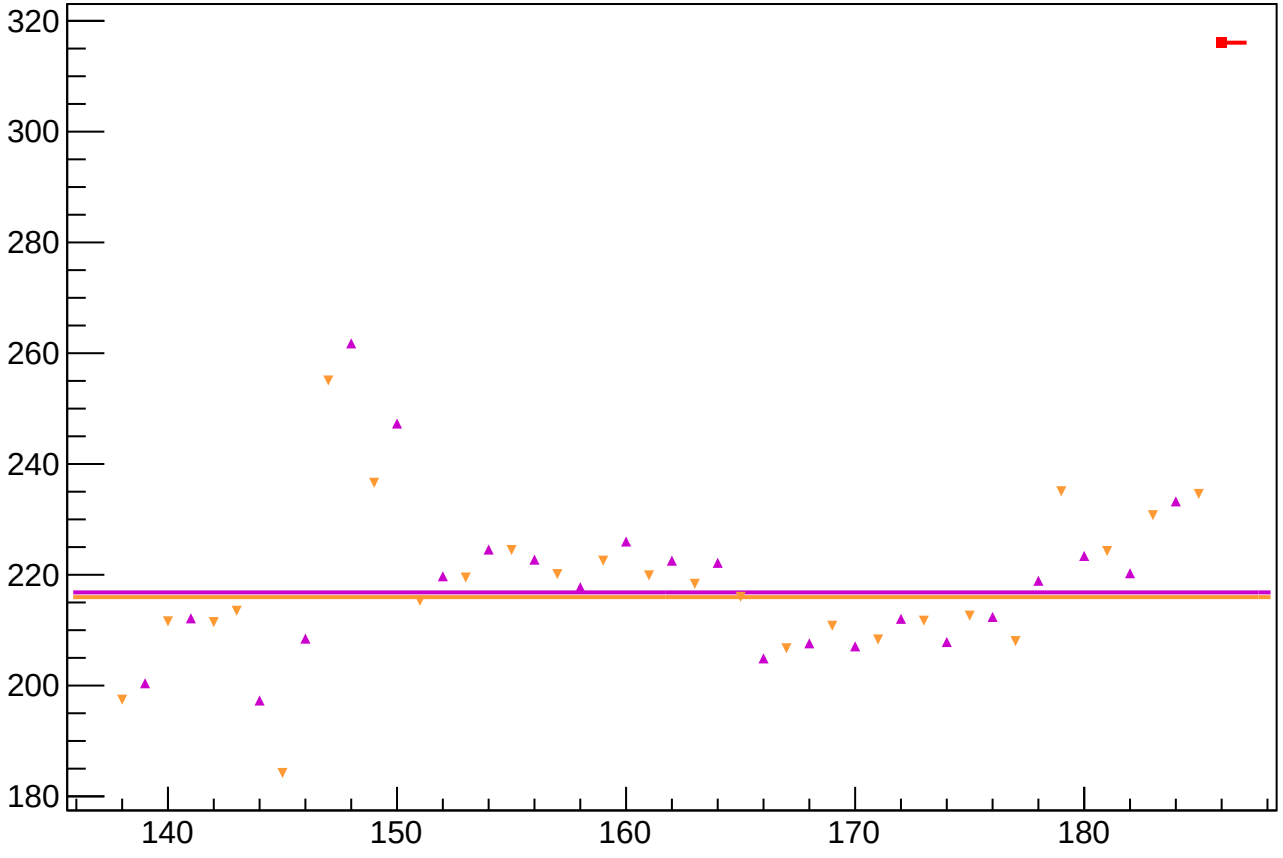
Right: 349.282+/-511.678 χ^2/NDF: 0.0/0

In: -223.195+/-51.742 χ^2/NDF:20.8/22

Out: -269.411+/-50.295 χ^2/NDF:28.8/25

All: -246.958+/-36.064 χ^2/NDF: 50.0/48

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 215.963+/-0.036 χ^2/NDF:144735.1/24

Right Out: 316.062+/-0.362 χ^2/NDF: 0.0/0

Left In: 216.821+/-0.037 χ^2/NDF:132518.8/22

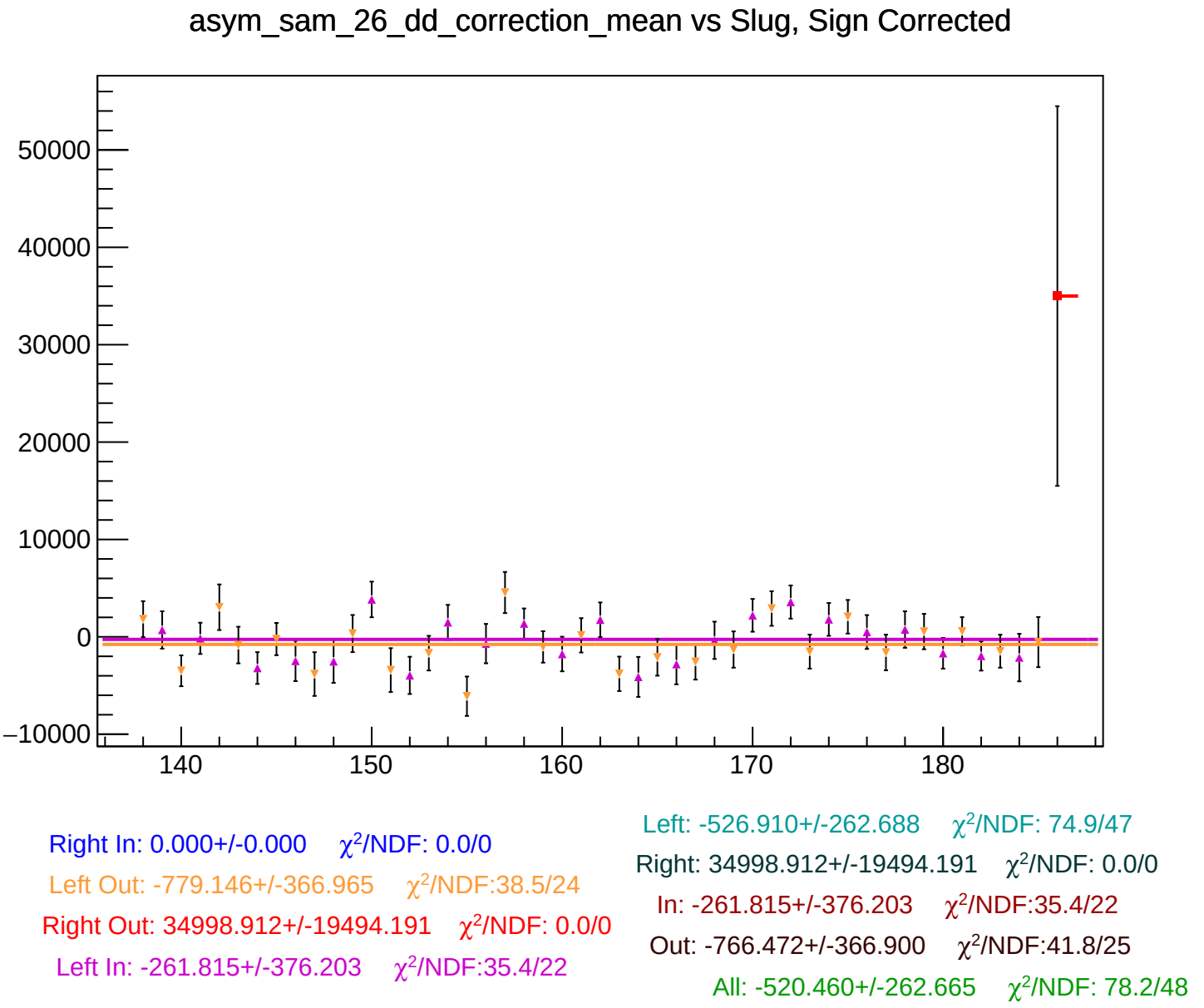
Left: 216.382+/-0.026 χ^2/NDF: 277535.4/47

Right: 316.062+/-0.362 χ^2/NDF: 0.0/0

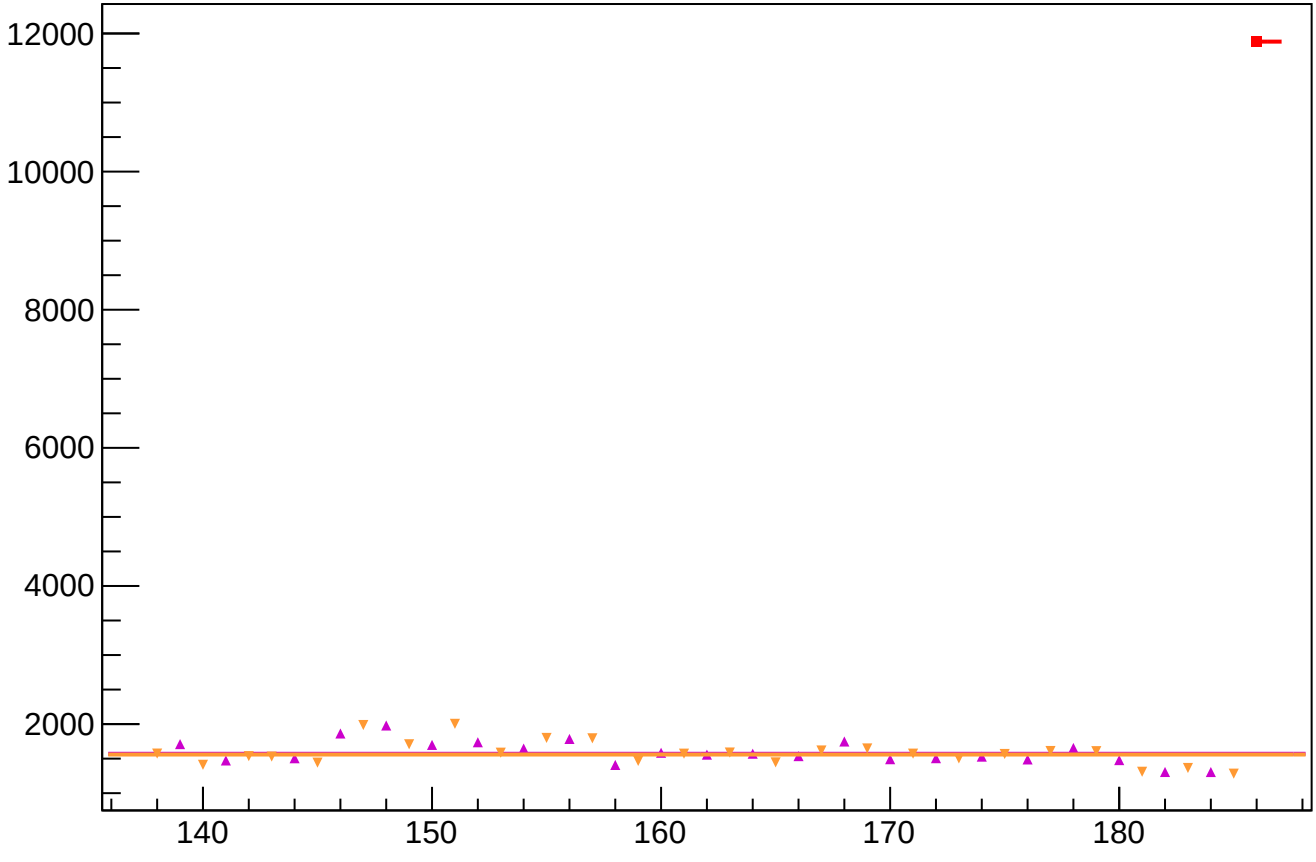
In: 216.821+/-0.037 χ^2/NDF:132518.8/22

Out: 216.930+/-0.036 χ^2/NDF:220536.6/25

All: 216.877+/-0.026 χ^2/NDF: 353060.0/48


asym_sam_26_dd_correction_mean vs Slug, Sign Corrected
50000
40000
30000
20000
10000
0
−10000
140
150
160
170
180
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: -779.146+/-366.965 χ²/NDF:38.5/24
Right Out: 34998.912+/-19494.191 χ²/NDF: 0.0/0
Left In: -261.815+/-376.203 χ²/NDF:35.4/22
Left: -526.910+/-262.688 χ²/NDF: 74.9/47
Right: 34998.912+/-19494.191 χ²/NDF: 0.0/0
In: -261.815+/-376.203 χ²/NDF:35.4/22
Out: -766.472+/-366.900 χ²/NDF:41.8/25
All: -520.460+/-262.665 χ²/NDF: 78.2/48

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1559.504+/-0.259 χ^2/NDF:379160.1/24

Right Out: 11882.091+/-13.784 χ^2/NDF: 0.0/0

Left In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

Left: 1564.783+/-0.186 χ^2/NDF: 709443.3/47

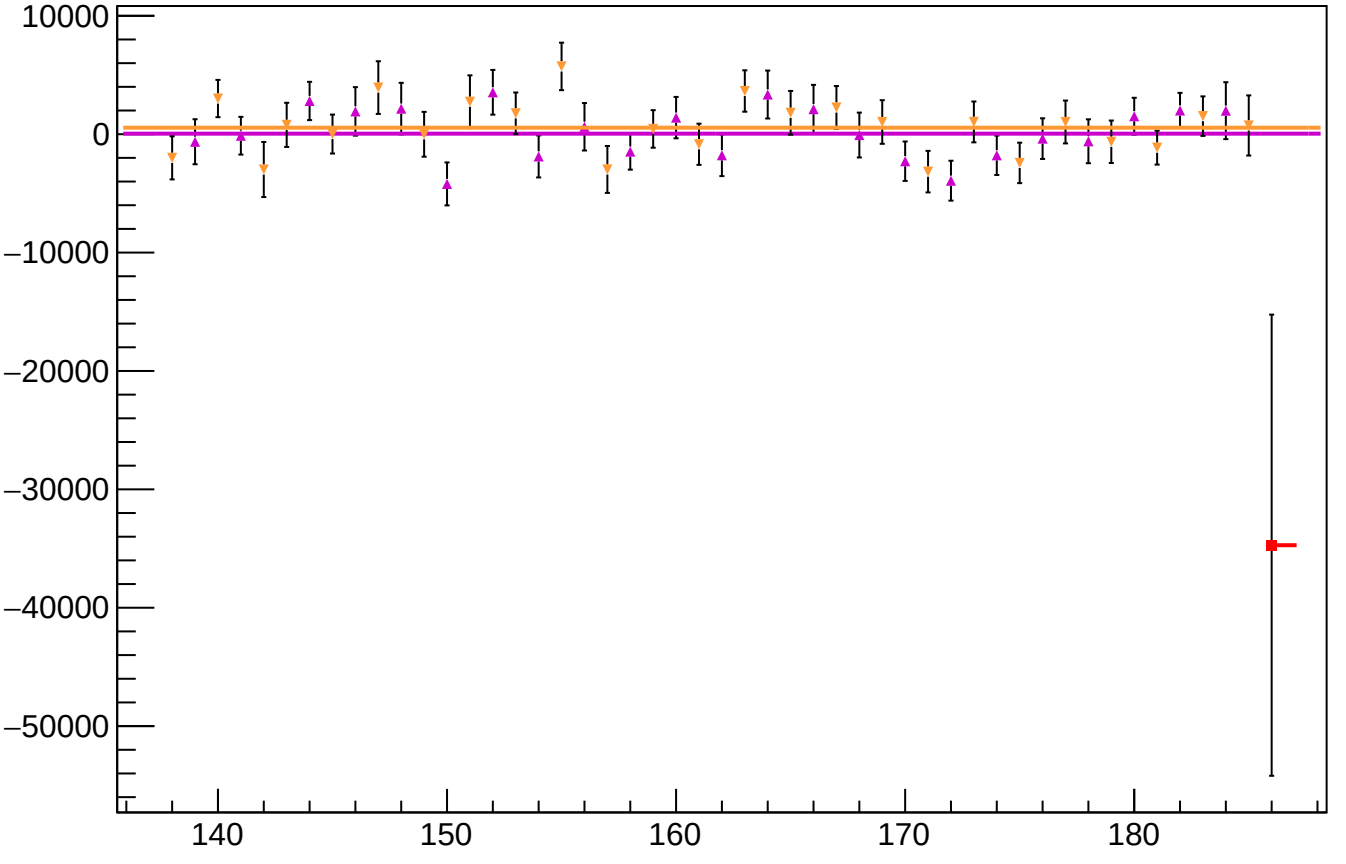
Right: 11882.091+/-13.784 χ^2/NDF: 0.0/0

In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

Out: 1563.161+/-0.259 χ^2/NDF:939746.7/25

All: 1566.656+/-0.186 χ^2/NDF: 1269553.5/48

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 550.093+/-362.172 χ^2/NDF:35.6/24

Right Out: -34718.786+/-19477.883 χ^2/NDF: 0.0/0

Left In: 43.949+/-371.765 χ^2/NDF:33.5/22

Left: 303.636+/-259.420 χ^2/NDF: 70.0/47

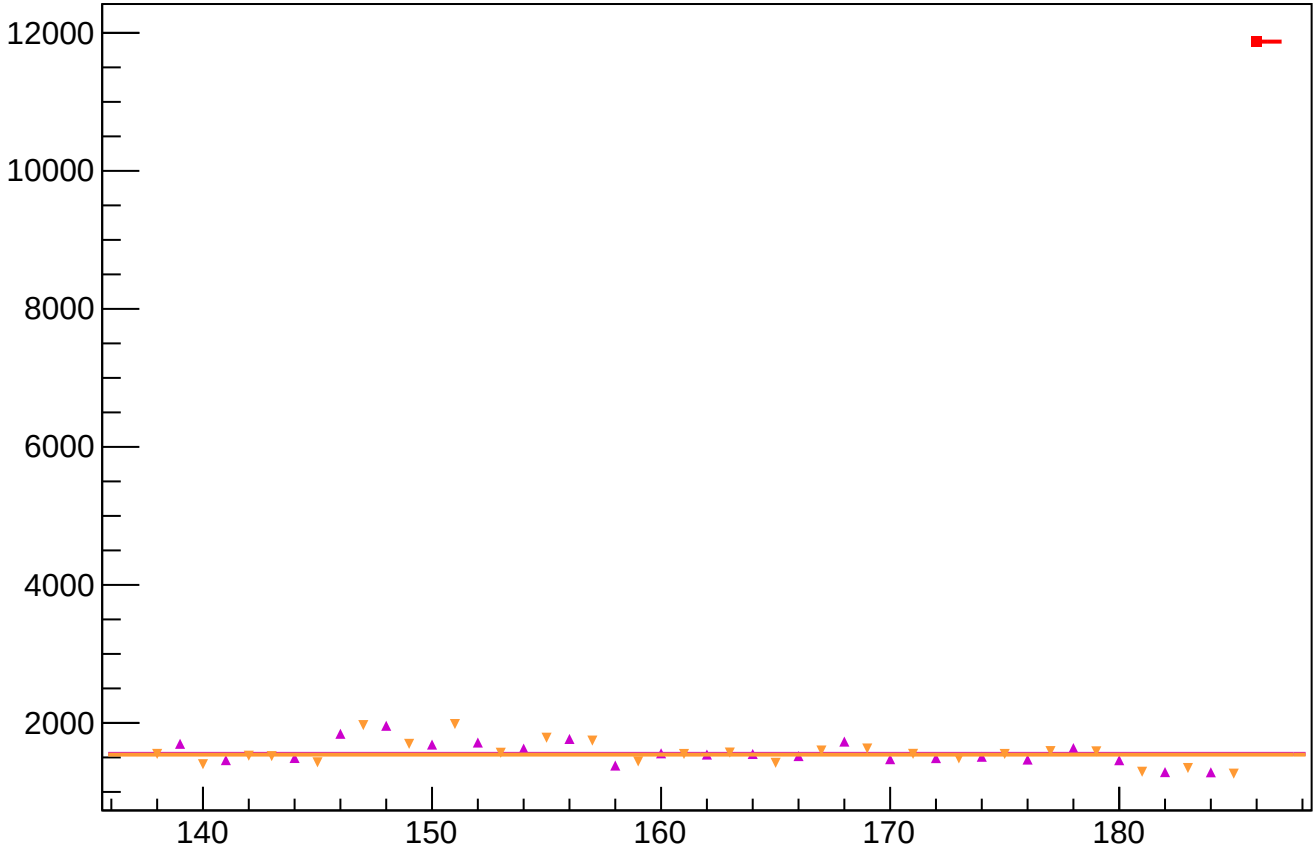
Right: -34718.786+/-19477.883 χ^2/NDF: 0.0/0

In: 43.949+/-371.765 χ^2/NDF:33.5/22

Out: 537.904+/-362.110 χ^2/NDF:38.8/25

All: 297.424+/-259.397 χ^2/NDF: 73.3/48

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1541.149+/-0.256 χ^2/NDF:382077.8/24

Right Out: 11873.199+/-13.773 χ^2/NDF: 0.0/0

Left In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

Left: 1546.180+/-0.183 χ^2/NDF: 721873.3/47

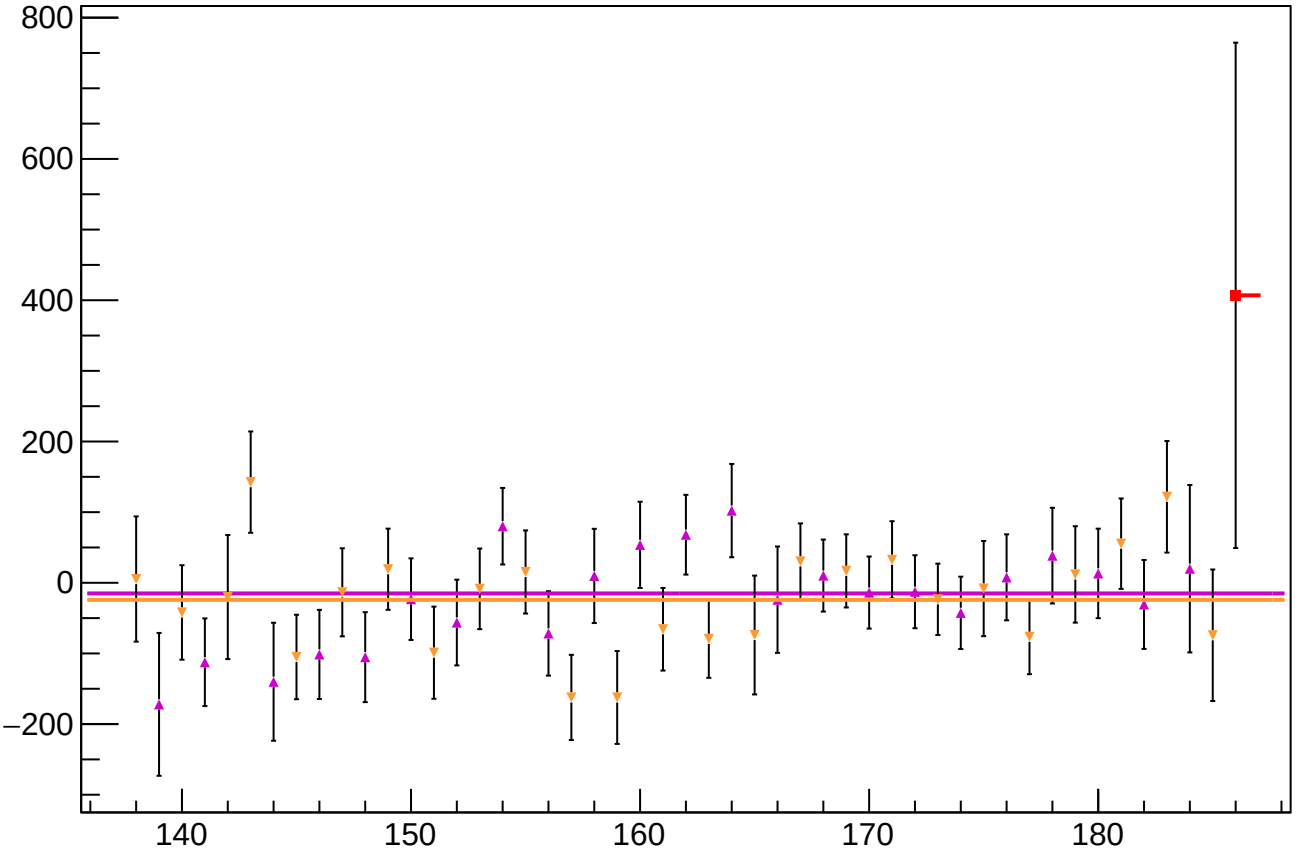
Right: 11873.199+/-13.773 χ^2/NDF: 0.0/0

In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

Out: 1544.719+/-0.256 χ^2/NDF:944638.5/25

All: 1548.011+/-0.183 χ^2/NDF: 1283980.8/48

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -24.126+/-12.525 χ^2/NDF:30.7/24

Right Out: 406.898+/-357.691 χ^2/NDF: 0.0/0

Left In: -15.058+/-12.921 χ^2/NDF:23.8/22

Left: -19.733+/-8.993 χ^2/NDF: 54.8/47

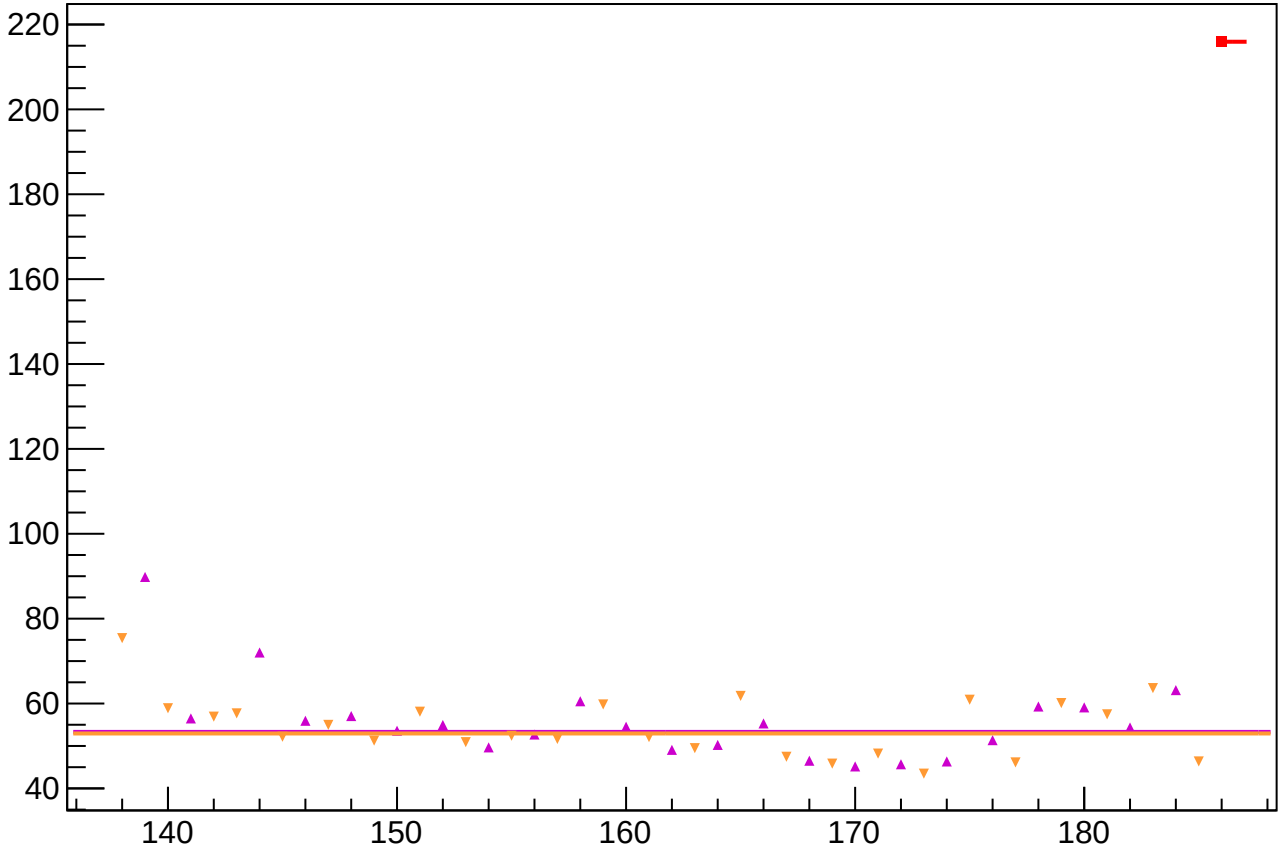
Right: 406.898+/-357.691 χ^2/NDF: 0.0/0

In: -15.058+/-12.921 χ^2/NDF:23.8/22

Out: -23.598+/-12.517 χ^2/NDF:32.1/25

All: -19.464+/-8.990 χ^2/NDF: 56.2/48

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 52.942+/-0.009 χ^2/NDF:513146.0/24

Right Out: 215.937+/-0.253 χ^2/NDF: 0.0/0

Left In: 53.312+/-0.009 χ^2/NDF:644220.1/22

Left: 53.121+/-0.006 χ^2/NDF: 1158211.4/47

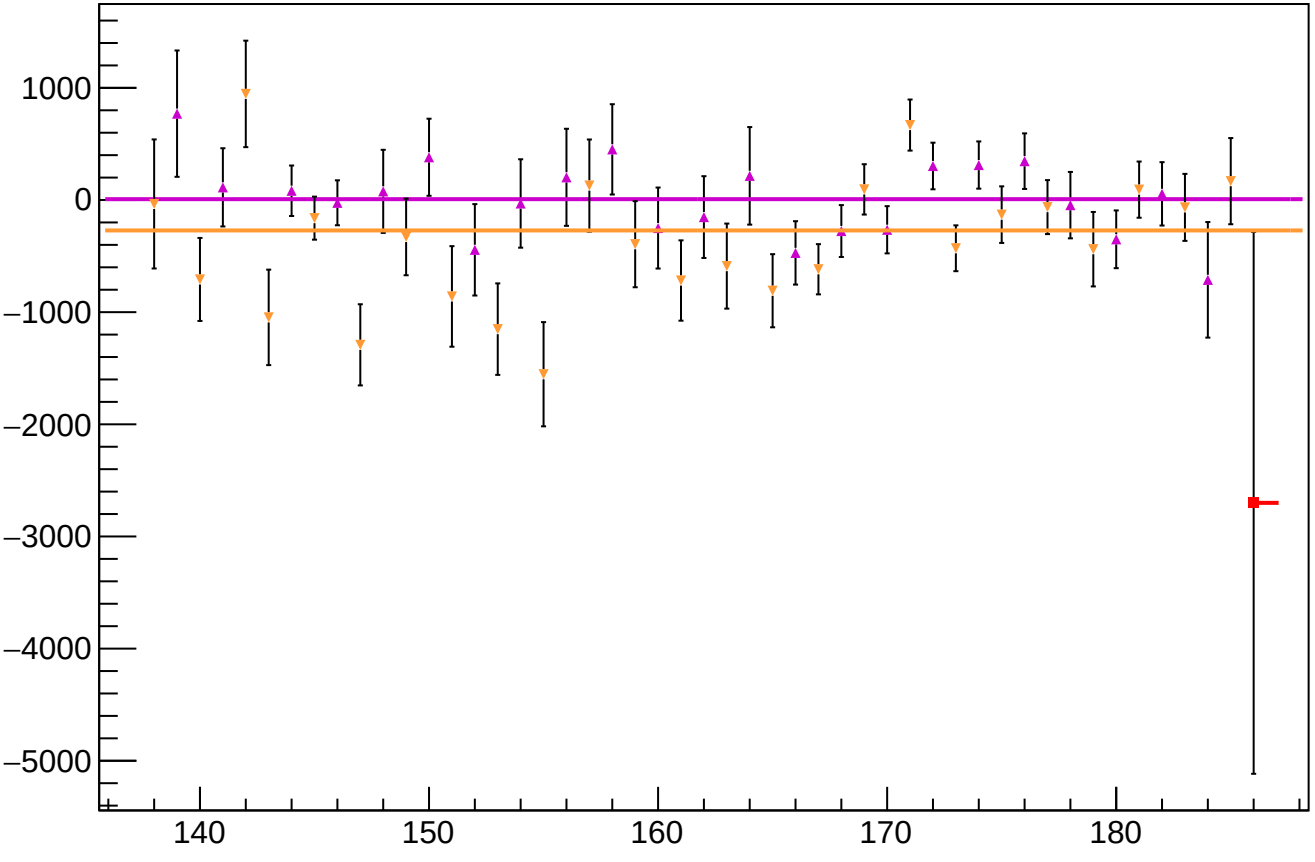
Right: 215.937+/-0.253 χ^2/NDF: 0.0/0

In: 53.312+/-0.009 χ^2/NDF:644220.1/22

Out: 53.142+/-0.009 χ^2/NDF:927935.7/25

All: 53.224+/-0.006 χ^2/NDF: 1572335.1/48

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -271.240+/-60.285 χ^2/NDF:67.7/24

Right Out: -2700.386+/-2415.822 χ^2/NDF: 0.0/0

Left In: 7.535+/-60.328 χ^2/NDF:22.9/22

Left: -131.952+/-42.643 χ^2/NDF: 101.2/47

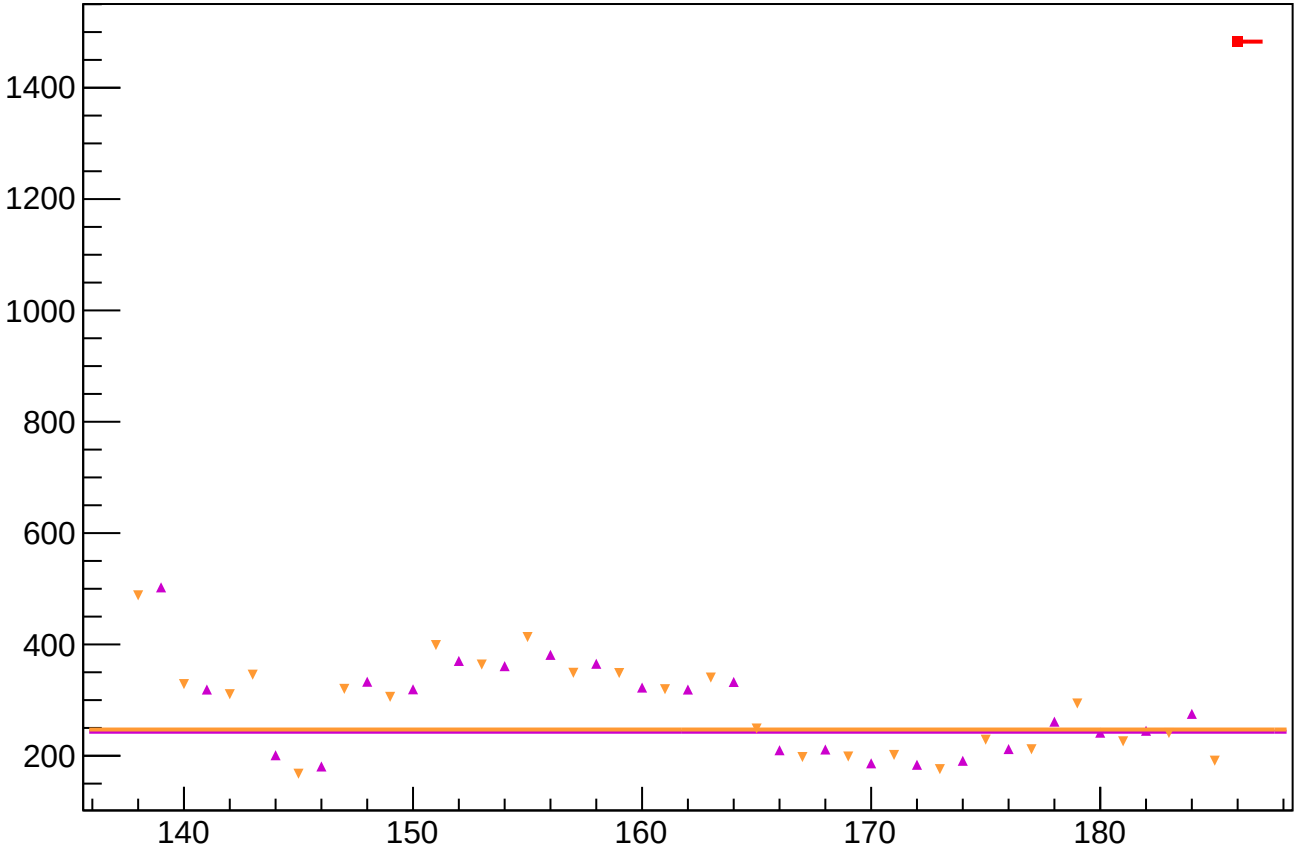
Right: -2700.386+/-2415.822 χ^2/NDF: 0.0/0

In: 7.535+/-60.328 χ^2/NDF:22.9/22

Out: -272.752+/-60.266 χ^2/NDF:68.7/25

All: -132.752+/-42.636 χ^2/NDF: 102.3/48

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 247.166+/-0.043 χ^2/NDF:2853302.0/24

Right Out: 1482.845+/-1.708 χ^2/NDF: 0.0/0

Left In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

Left: 245.179+/-0.030 χ^2/NDF: 5428841.5/47

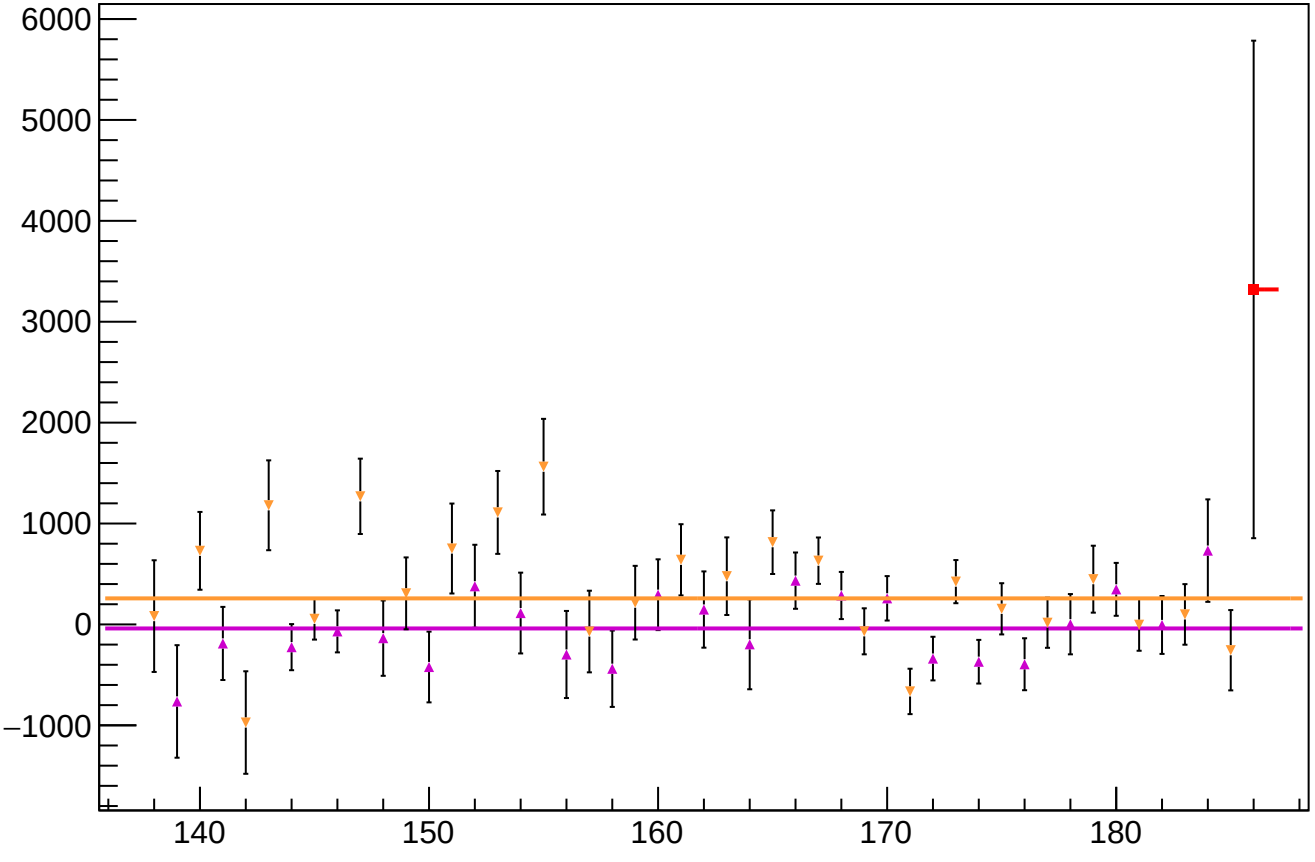
Right: 1482.845+/-1.708 χ^2/NDF: 0.0/0

In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

Out: 247.935+/-0.043 χ^2/NDF:3376229.1/25

All: 245.564+/-0.030 χ^2/NDF: 5953615.0/48

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 258.044+/-61.488 χ^2/NDF:65.0/24

Right Out: 3320.099+/-2465.561 χ^2/NDF: 0.0/0

Left In: -40.015+/-61.495 χ^2/NDF:25.0/22

Left: 109.033+/-43.481 χ^2/NDF: 101.8/47

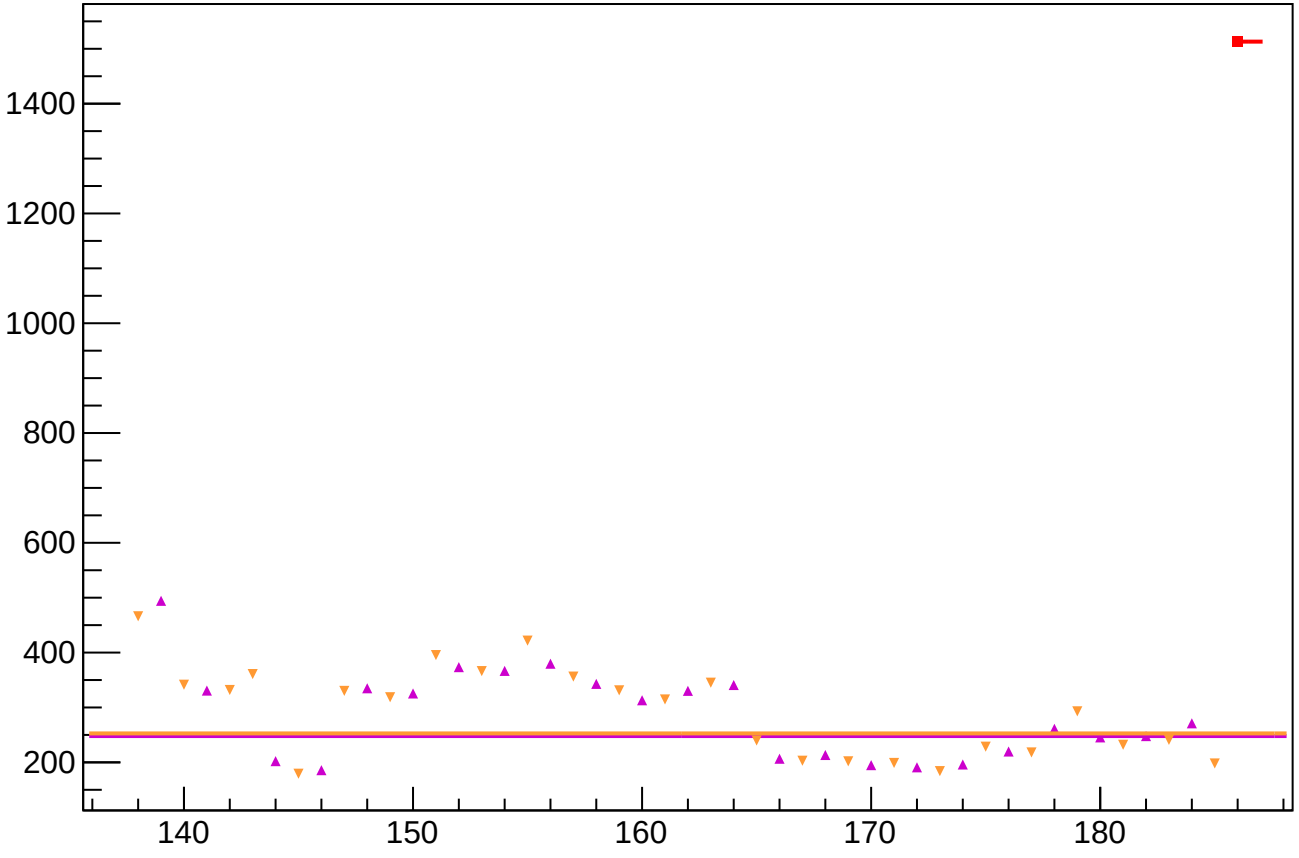
Right: 3320.099+/-2465.561 χ^2/NDF: 0.0/0

In: -40.015+/-61.495 χ^2/NDF:25.0/22

Out: 259.947+/-61.468 χ^2/NDF:66.5/25

All: 110.031+/-43.474 χ^2/NDF: 103.5/48

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 252.721+/-0.043 χ^2/NDF:2648800.3/24

Right Out: 1513.047+/-1.743 χ^2/NDF: 0.0/0

Left In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

Left: 250.320+/-0.031 χ^2/NDF: 5029597.8/47

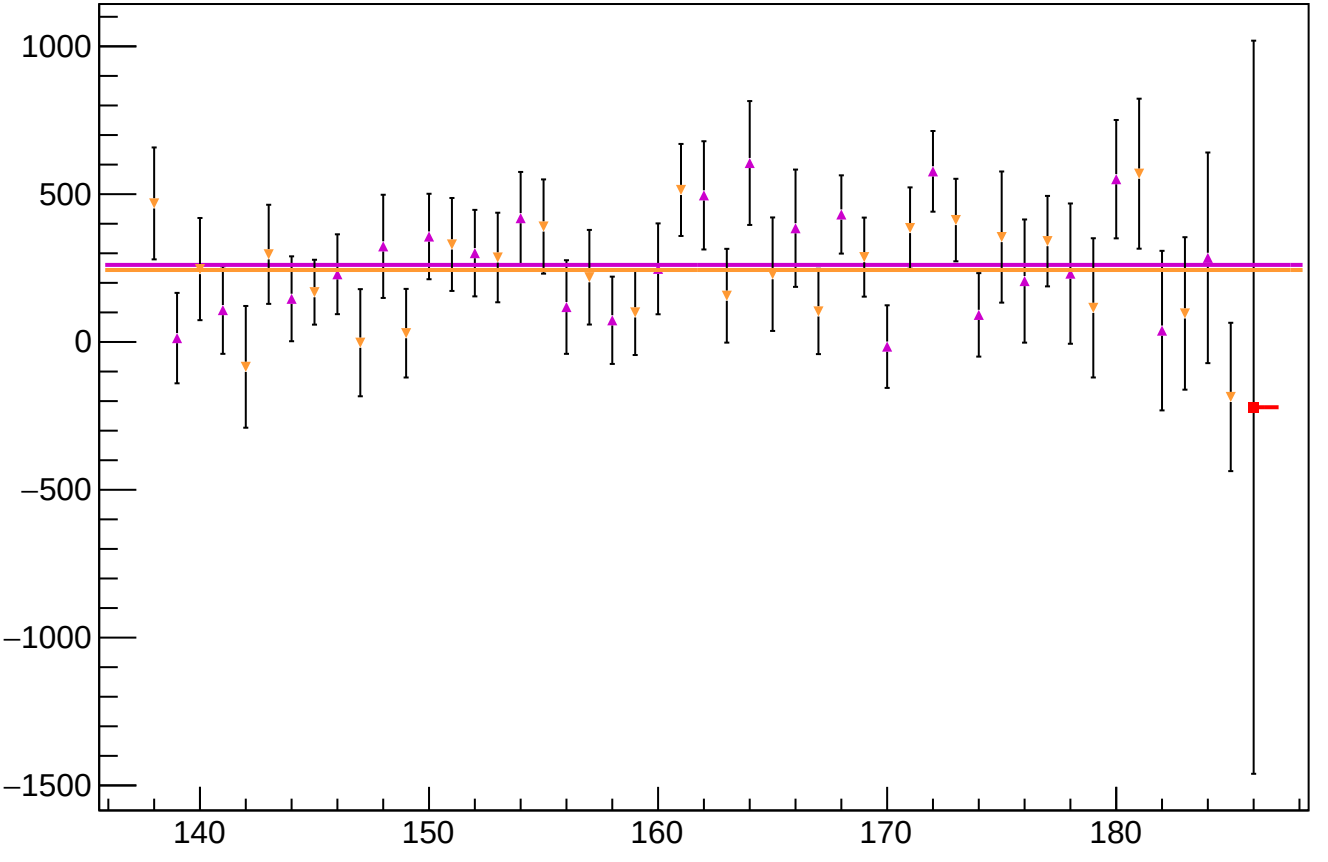
Right: 1513.047+/-1.743 χ^2/NDF: 0.0/0

In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

Out: 253.504+/-0.043 χ^2/NDF:3171069.6/25

All: 250.713+/-0.031 χ^2/NDF: 5554021.7/48

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 243.442+/-32.738 χ^2/NDF:23.4/24

Right Out: -220.725+/-1239.941 χ^2/NDF: 0.0/0

Left In: 260.749+/-33.988 χ^2/NDF:28.5/22

Left: 251.772+/-23.579 χ^2/NDF: 52.0/47

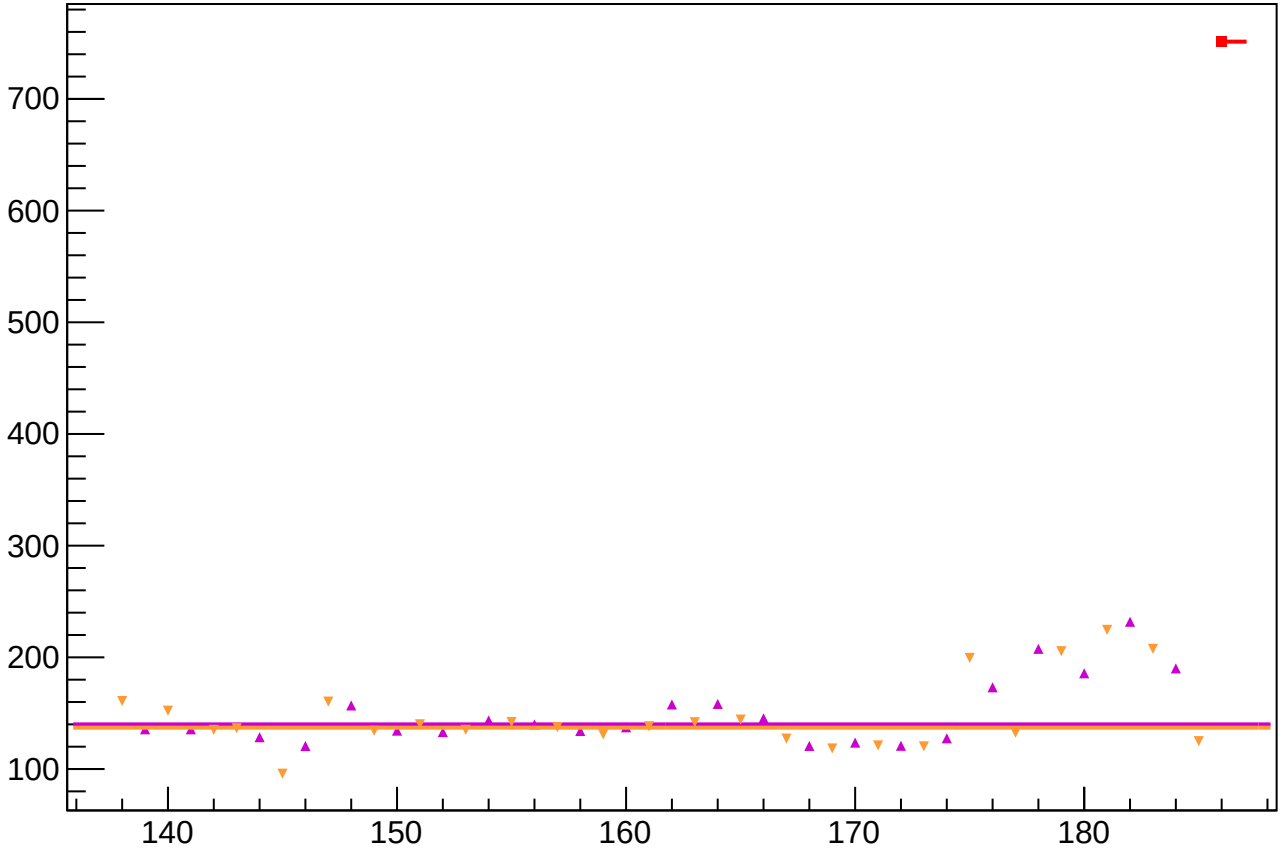
Right: -220.725+/-1239.941 χ^2/NDF: 0.0/0

In: 260.749+/-33.988 χ^2/NDF:28.5/22

Out: 243.119+/-32.727 χ^2/NDF:23.5/25

All: 251.601+/-23.575 χ^2/NDF: 52.2/48

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 137.036+/-0.023 χ^2/NDF:1200381.2/24

Right Out: 751.280+/-0.877 χ^2/NDF: 0.0/0

Left In: 139.966+/-0.024 χ^2/NDF:838127.9/22

Left: 138.446+/-0.017 χ^2/NDF: 2046220.3/47

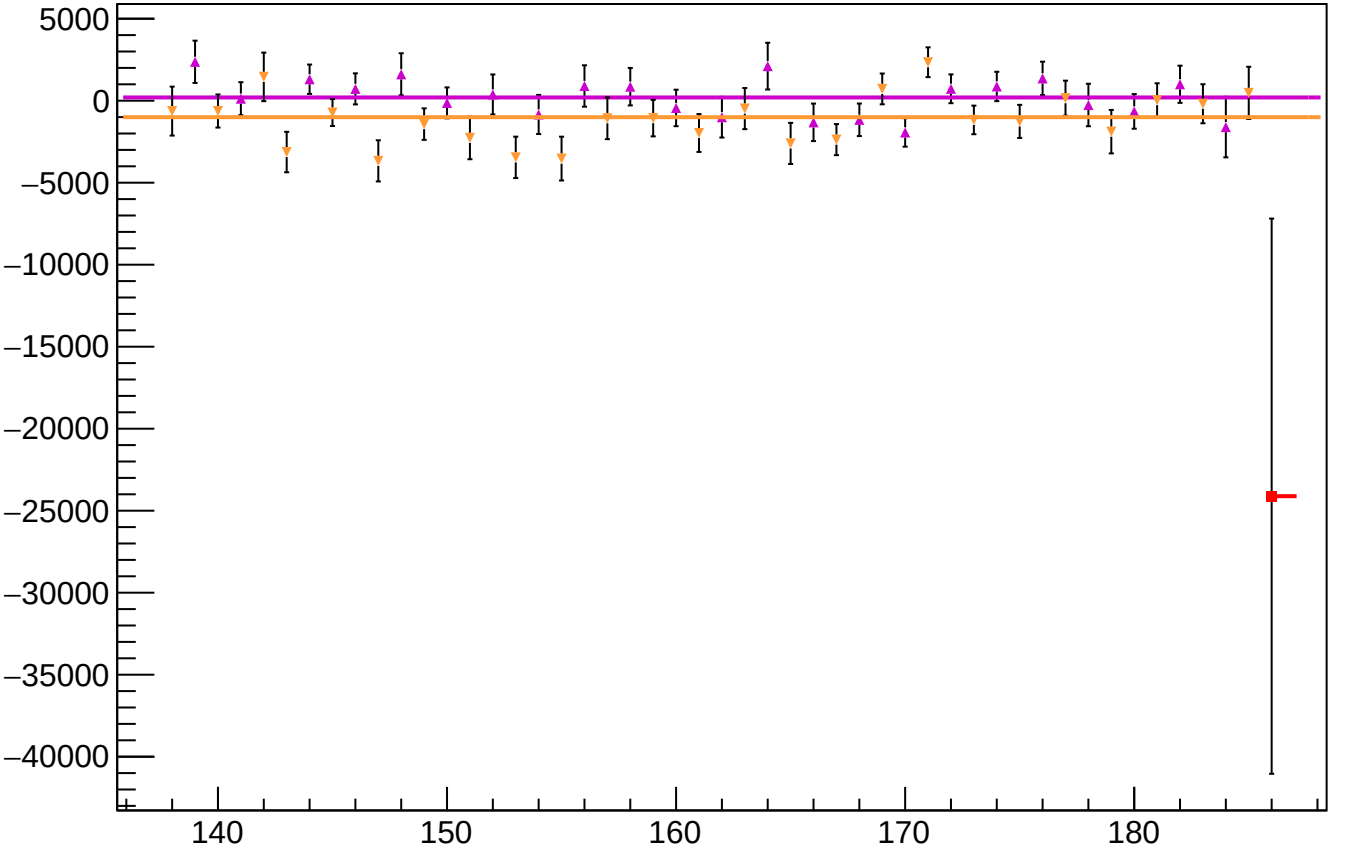
Right: 751.280+/-0.877 χ^2/NDF: 0.0/0

In: 139.966+/-0.024 χ^2/NDF:838127.9/22

Out: 137.463+/-0.023 χ^2/NDF:1690845.7/25

All: 138.667+/-0.017 χ^2/NDF: 2534599.0/48

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1004.364+/-222.387 χ^2/NDF:44.7/24

Right Out: -24115.183+/-16927.877 χ^2/NDF: 0.0/0

Left In: 198.654+/-225.997 χ^2/NDF:24.6/22

Left: -412.541+/-158.512 χ^2/NDF: 83.7/47

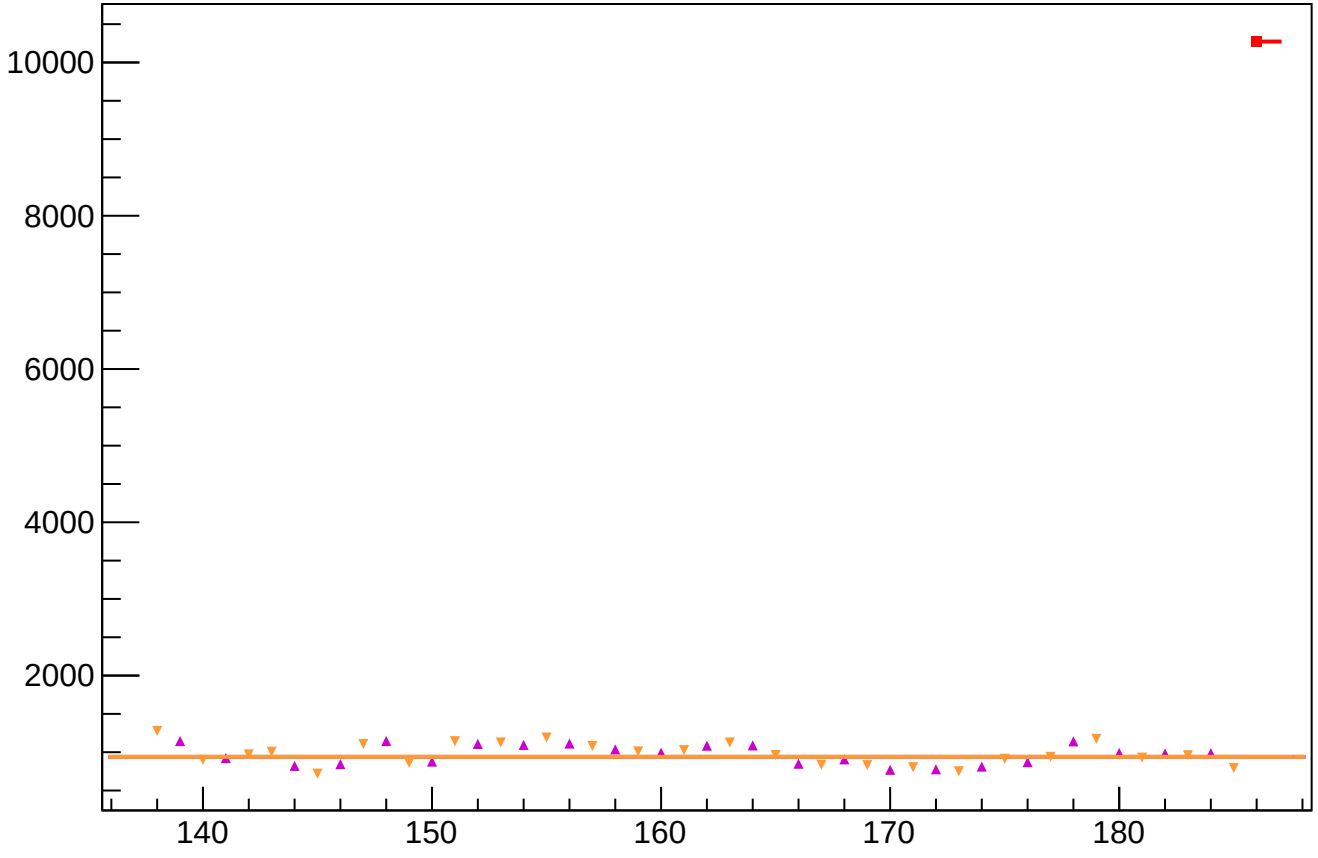
Right: -24115.183+/-16927.877 χ^2/NDF: 0.0/0

In: 198.654+/-225.997 χ^2/NDF:24.6/22

Out: -1008.352+/-222.368 χ^2/NDF:46.5/25

All: -414.619+/-158.506 χ^2/NDF: 85.7/48

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 938.988+/-0.157 χ^2/NDF:828400.0/24

Right Out: 10272.667+/-11.970 χ^2/NDF: 0.0/0

Left In: 938.755+/-0.160 χ^2/NDF:611419.0/22

Left: 938.874+/-0.112 χ^2/NDF: 1439820.2/47

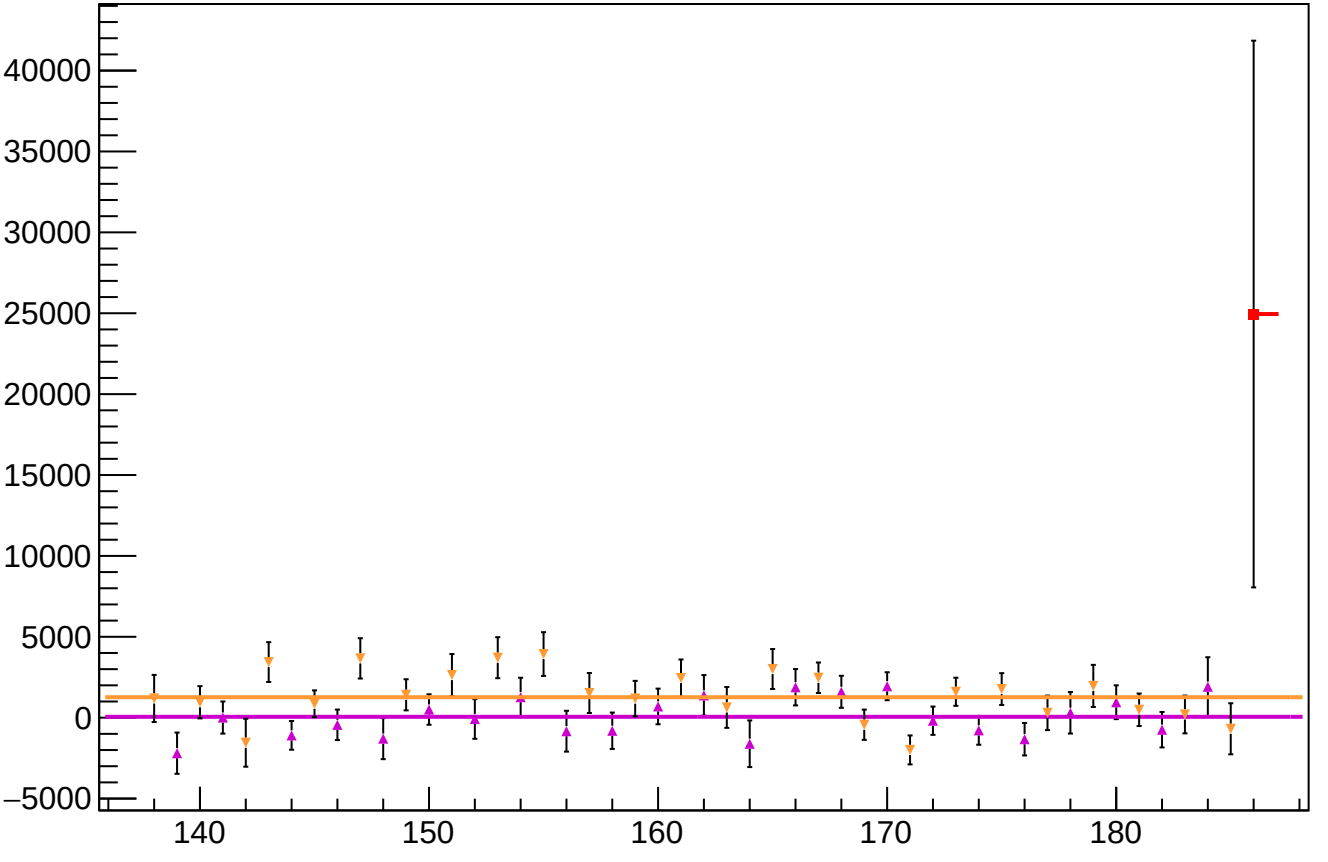
Right: 10272.667+/-11.970 χ^2/NDF: 0.0/0

In: 938.755+/-0.160 χ^2/NDF:611419.0/22

Out: 940.599+/-0.157 χ^2/NDF:1436333.0/25

All: 939.692+/-0.112 χ^2/NDF: 2047819.7/48

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1264.940+/-220.626 χ^2/NDF:45.5/24

Right Out: 24951.236+/-16897.834 χ^2/NDF: 0.0/0

Left In: 53.940+/-224.371 χ^2/NDF:26.4/22

Left: 669.631+/-157.313 χ^2/NDF: 86.8/47

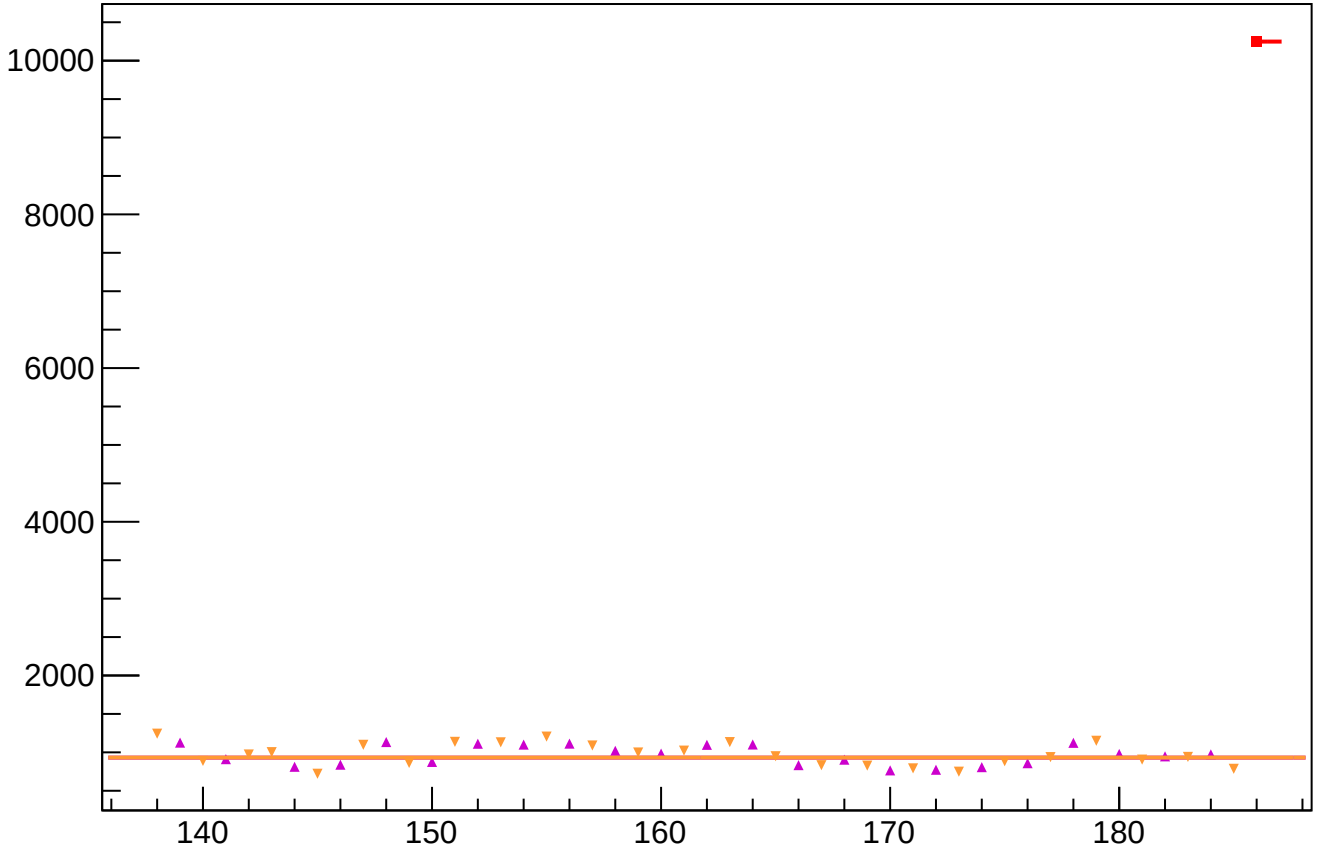
Right: 24951.236+/-16897.834 χ^2/NDF: 0.0/0

In: 53.940+/-224.371 χ^2/NDF:26.4/22

Out: 1268.977+/-220.607 χ^2/NDF:47.5/25

All: 671.735+/-157.307 χ^2/NDF: 88.8/48

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 932.170+/-0.156 χ^2/NDF:828733.8/24

Right Out: 10248.277+/-11.949 χ^2/NDF: 0.0/0

Left In: 930.854+/-0.159 χ^2/NDF:621985.5/22

Left: 931.523+/-0.111 χ^2/NDF: 1450754.2/47

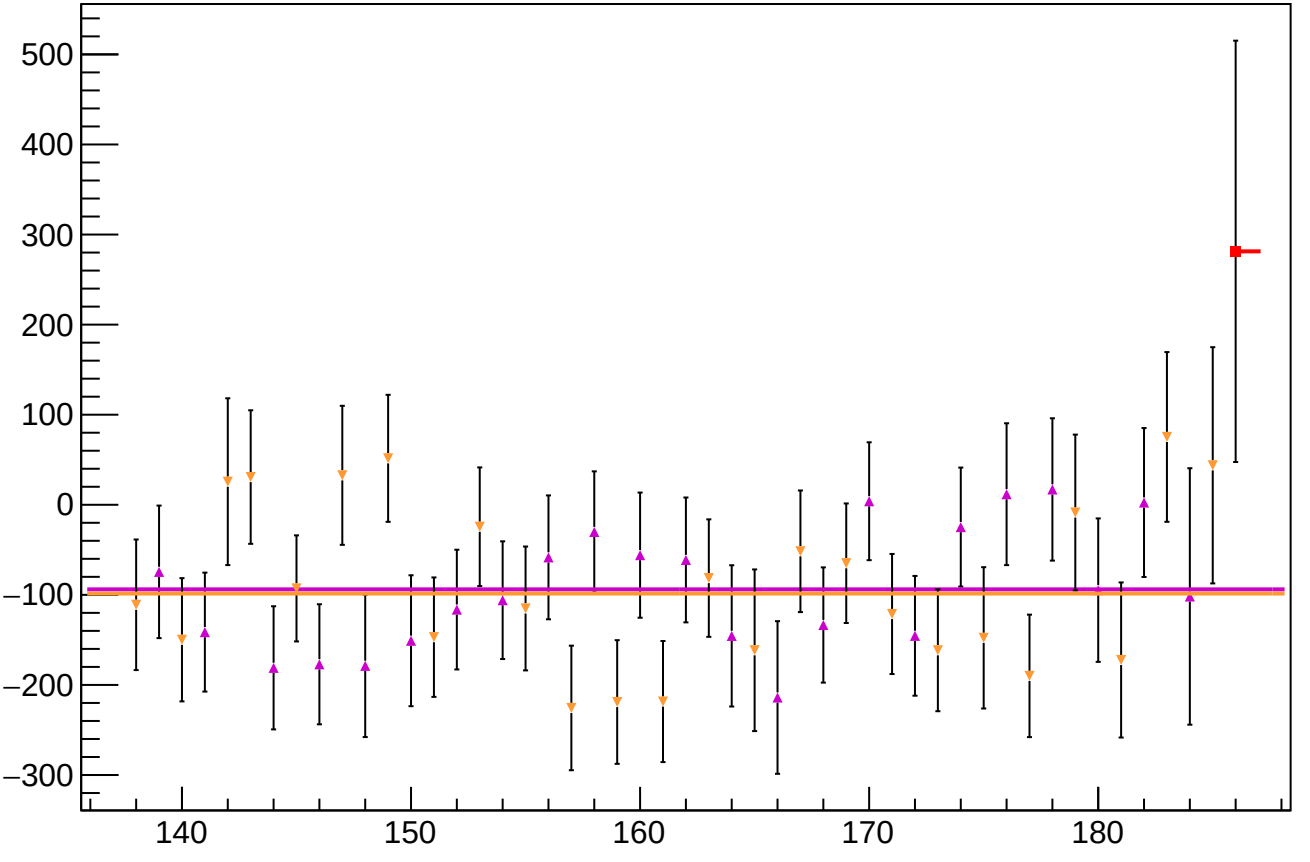
Right: 10248.277+/-11.949 χ^2/NDF: 0.0/0

In: 930.854+/-0.159 χ^2/NDF:621985.5/22

Out: 933.758+/-0.156 χ^2/NDF:1436536.7/25

All: 932.331+/-0.111 χ^2/NDF: 2058692.5/48

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -98.557+/-14.525 χ^2/NDF:35.2/24

Right Out: 281.353+/-233.888 χ^2/NDF: 0.0/0

Left In: -93.899+/-15.039 χ^2/NDF:19.3/22

Left: -96.309+/-10.448 χ^2/NDF: 54.6/47

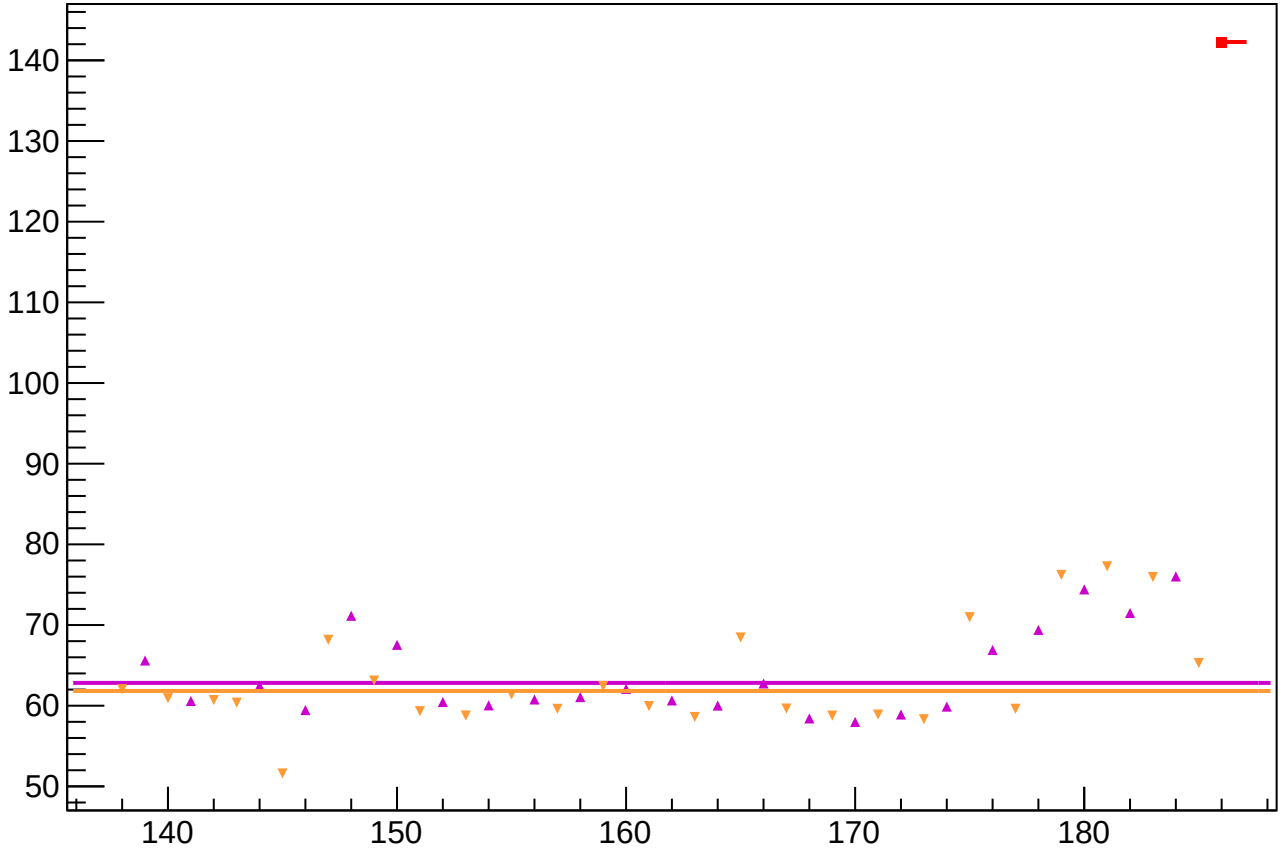
Right: 281.353+/-233.888 χ^2/NDF: 0.0/0

In: -93.899+/-15.039 χ^2/NDF:19.3/22

Out: -97.098+/-14.497 χ^2/NDF:37.9/25

All: -95.557+/-10.437 χ^2/NDF: 57.2/48

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 61.827+/-0.010 χ^2/NDF:313572.8/24

Right Out: 142.273+/-0.165 χ^2/NDF: 0.0/0

Left In: 62.827+/-0.011 χ^2/NDF:187007.2/22

Left: 62.310+/-0.007 χ^2/NDF: 505157.6/47

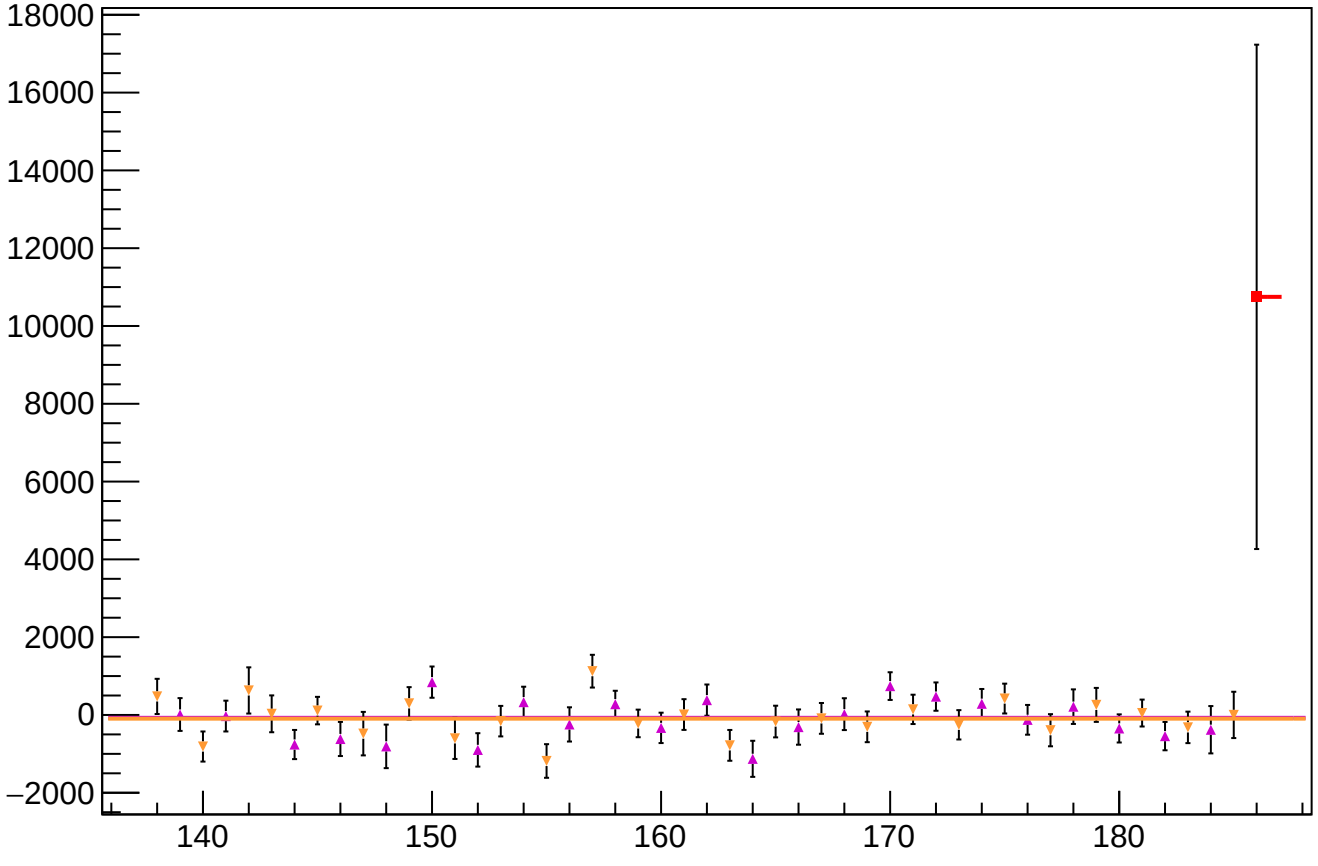
Right: 142.273+/-0.165 χ^2/NDF: 0.0/0

In: 62.827+/-0.011 χ^2/NDF:187007.2/22

Out: 62.136+/-0.010 χ^2/NDF:549269.8/25

All: 62.469+/-0.007 χ^2/NDF: 738466.9/48

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -94.907+/-82.850 χ^2/NDF:31.6/24

Right Out: 10748.859+/-6483.310 χ^2/NDF: 0.0/0

Left In: -73.914+/-84.652 χ^2/NDF:36.4/22

Left: -84.636+/-59.211 χ^2/NDF: 68.0/47

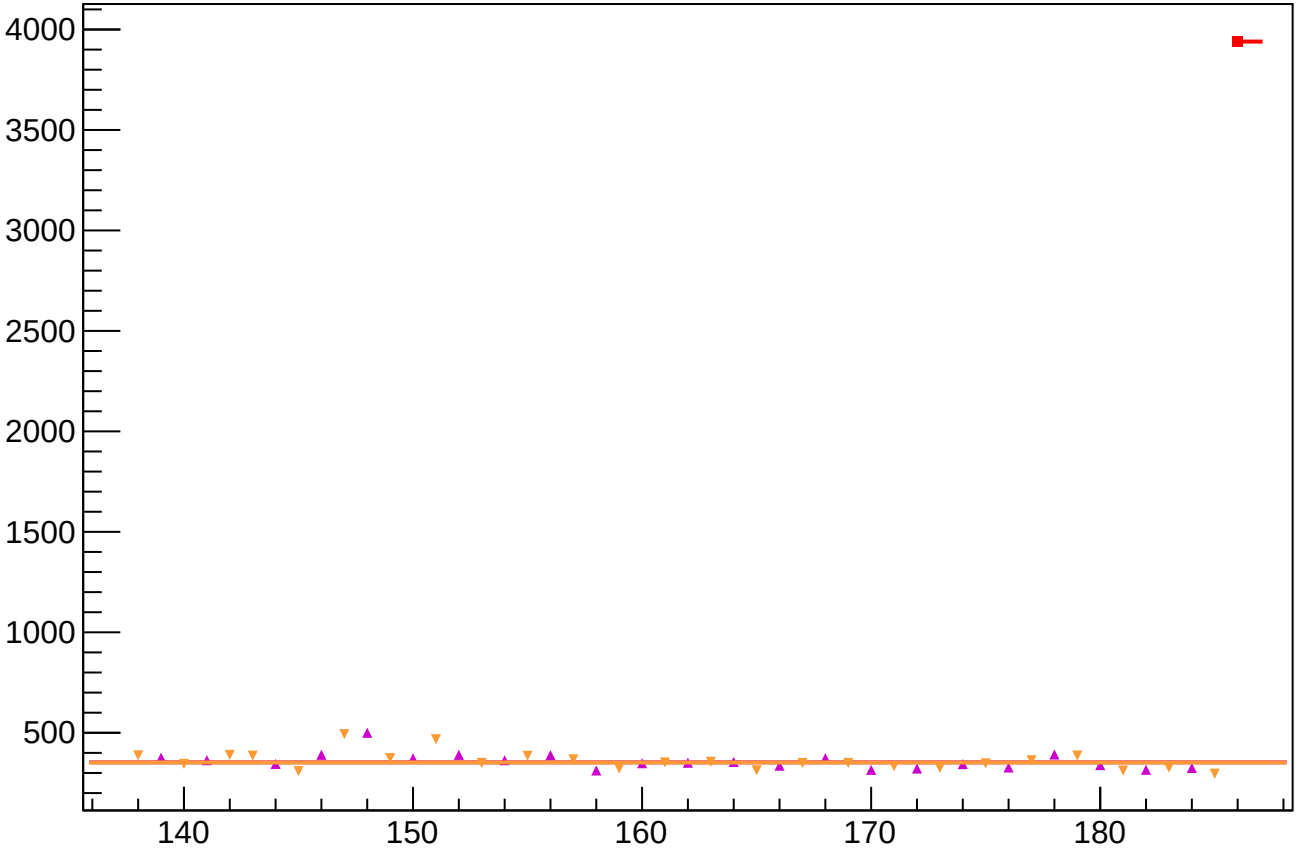
Right: 10748.859+/-6483.310 χ^2/NDF: 0.0/0

In: -73.914+/-84.652 χ^2/NDF:36.4/22

Out: -93.136+/-82.843 χ^2/NDF:34.4/25

All: -83.733+/-59.208 χ^2/NDF: 70.7/48

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 352.403+/-0.059 χ^2/NDF:418506.2/24

Right Out: 3939.842+/-4.584 χ^2/NDF: 0.0/0

Left In: 353.197+/-0.060 χ^2/NDF:321761.0/22

Left: 352.791+/-0.042 χ^2/NDF: 740357.2/47

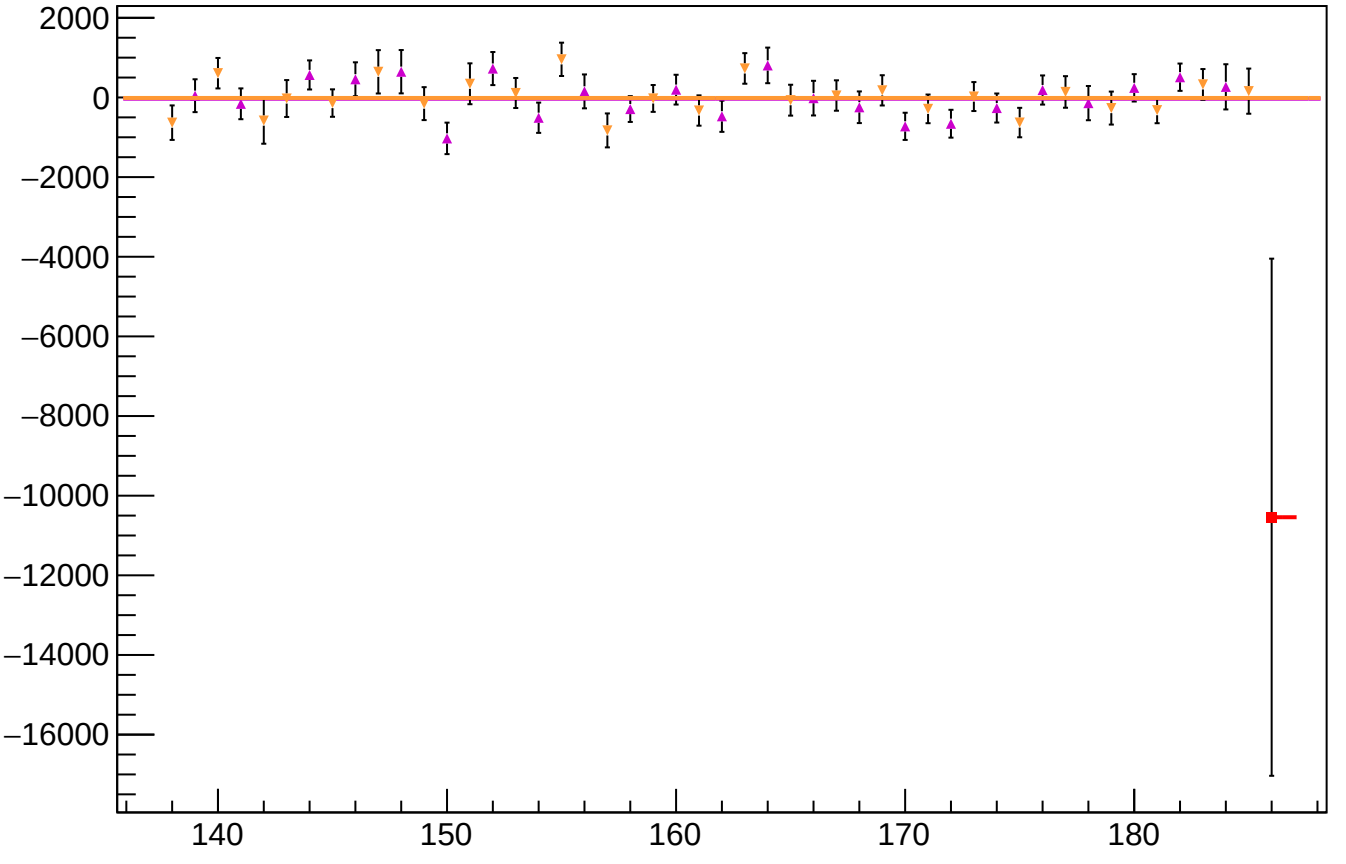
Right: 3939.842+/-4.584 χ^2/NDF: 0.0/0

In: 353.197+/-0.060 χ^2/NDF:321761.0/22

Out: 352.988+/-0.059 χ^2/NDF:1030764.5/25

All: 353.090+/-0.042 χ^2/NDF: 1352531.7/48

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -12.545+/-79.984 χ^2/NDF:27.3/24

Right Out: -10541.140+/-6493.184 χ^2/NDF: 0.0/0

Left In: -31.531+/-81.476 χ^2/NDF:34.8/22

Left: -21.863+/-57.077 χ^2/NDF: 62.2/47

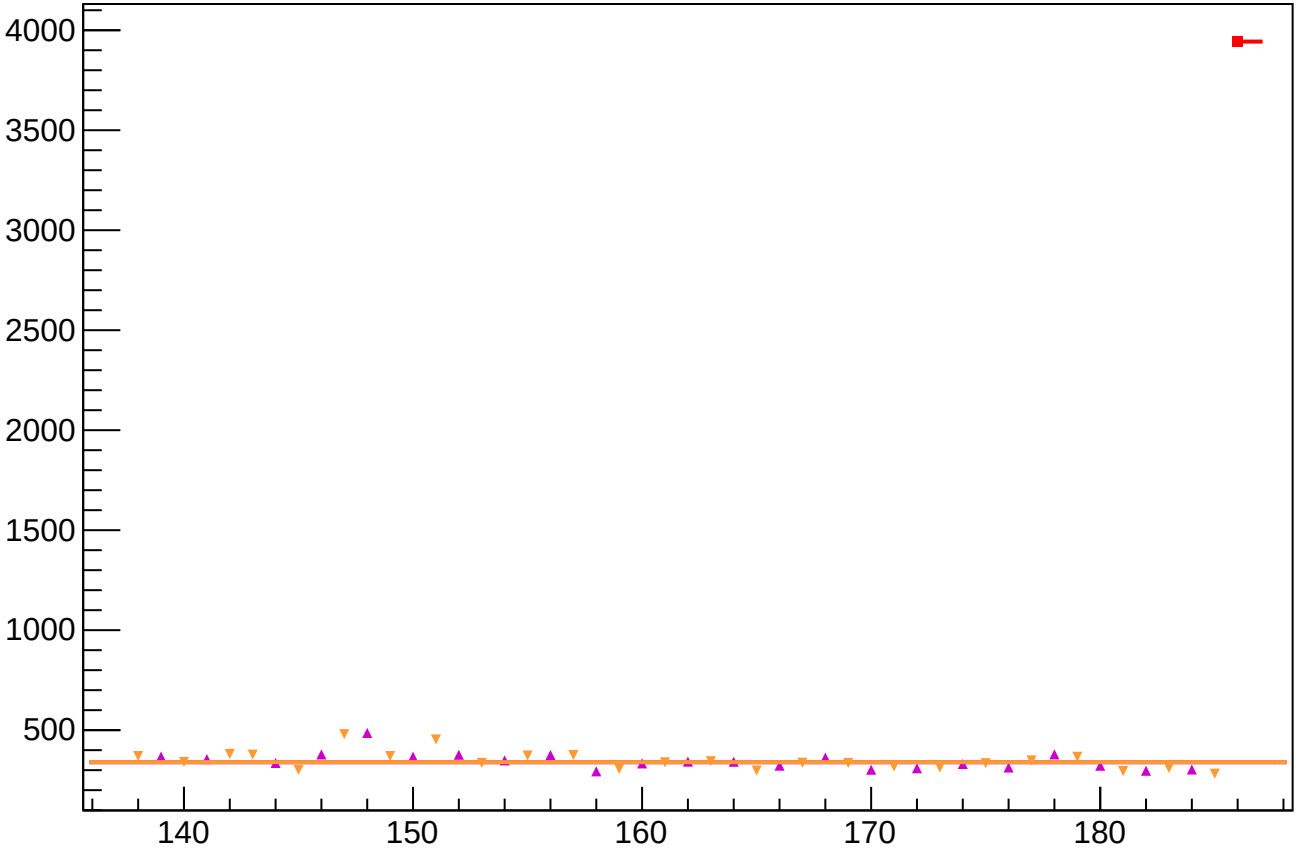
Right: -10541.140+/-6493.184 χ^2/NDF: 0.0/0

In: -31.531+/-81.476 χ^2/NDF:34.8/22

Out: -14.142+/-79.978 χ^2/NDF:30.0/25

All: -22.675+/-57.075 χ^2/NDF: 64.8/48

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 340.018+/-0.057 χ^2/NDF:465345.1/24

Right Out: 3943.251+/-4.591 χ^2/NDF: 0.0/0

Left In: 339.571+/-0.058 χ^2/NDF:377816.0/22

Left: 339.799+/-0.040 χ^2/NDF: 843191.8/47

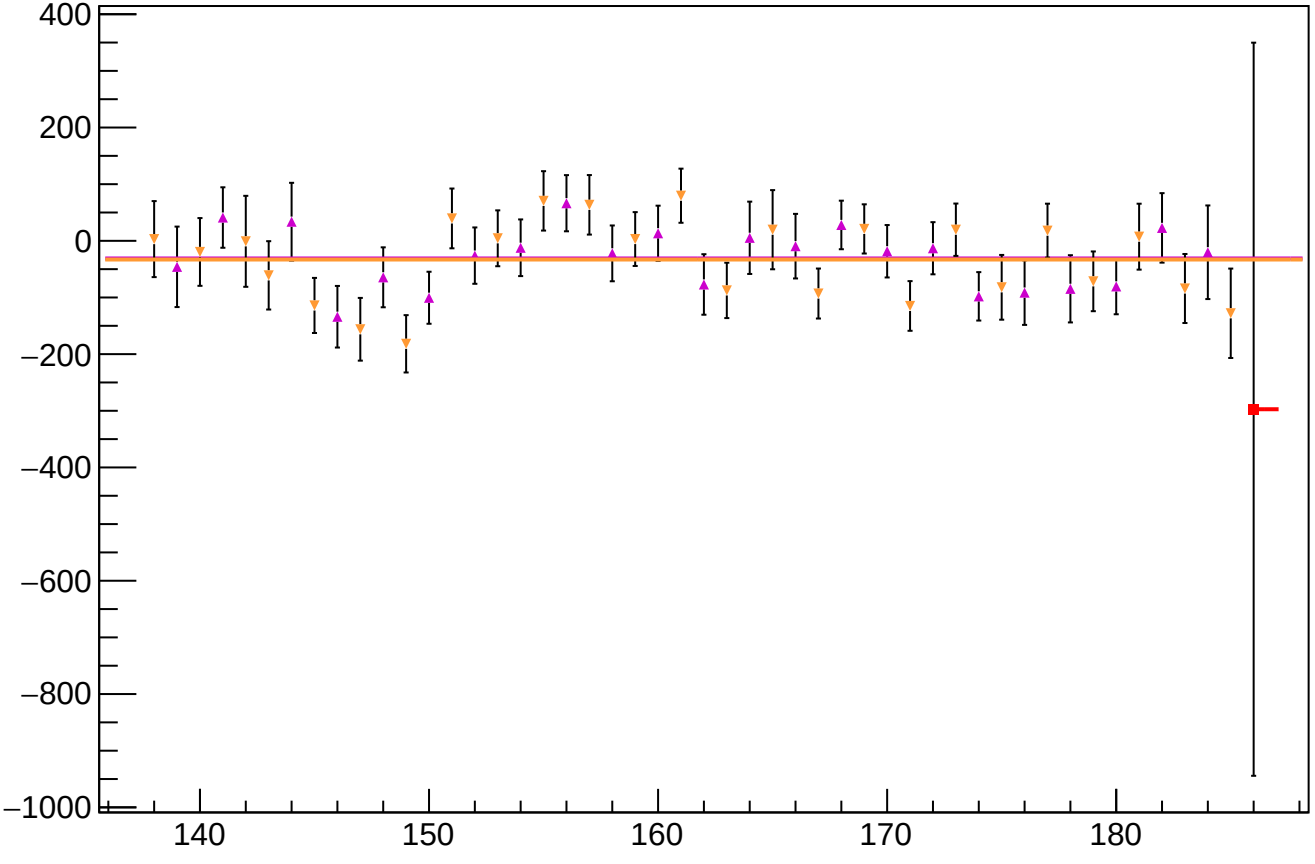
Right: 3943.251+/-4.591 χ^2/NDF: 0.0/0

In: 339.571+/-0.058 χ^2/NDF:377816.0/22

Out: 340.565+/-0.057 χ^2/NDF:1081136.0/25

All: 340.077+/-0.040 χ^2/NDF: 1459103.6/48

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -32.964+/-10.578 χ^2/NDF:48.0/24

Right Out: -297.258+/-647.046 χ^2/NDF: 0.0/0

Left In: -31.144+/-10.958 χ^2/NDF:23.4/22

Left: -32.086+/-7.610 χ^2/NDF: 71.5/47

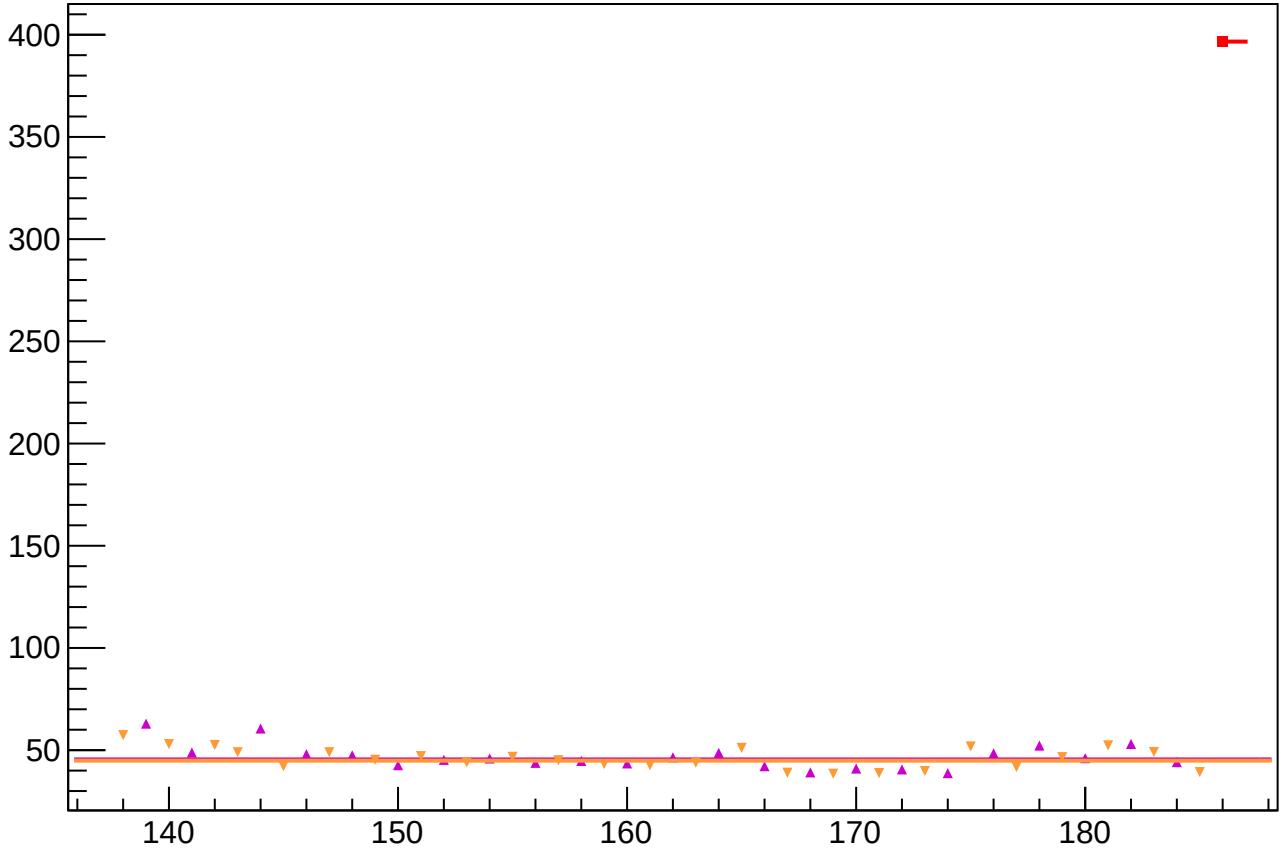
Right: -297.258+/-647.046 χ^2/NDF: 0.0/0

In: -31.144+/-10.958 χ^2/NDF:23.4/22

Out: -33.035+/-10.576 χ^2/NDF:48.2/25

All: -32.123+/-7.610 χ^2/NDF: 71.6/48

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 44.862+/-0.007 χ^2/NDF:415524.3/24

Right Out: 396.639+/-0.458 χ^2/NDF: 0.0/0

Left In: 45.465+/-0.008 χ^2/NDF:457021.7/22

Left: 45.153+/-0.005 χ^2/NDF: 875681.9/47

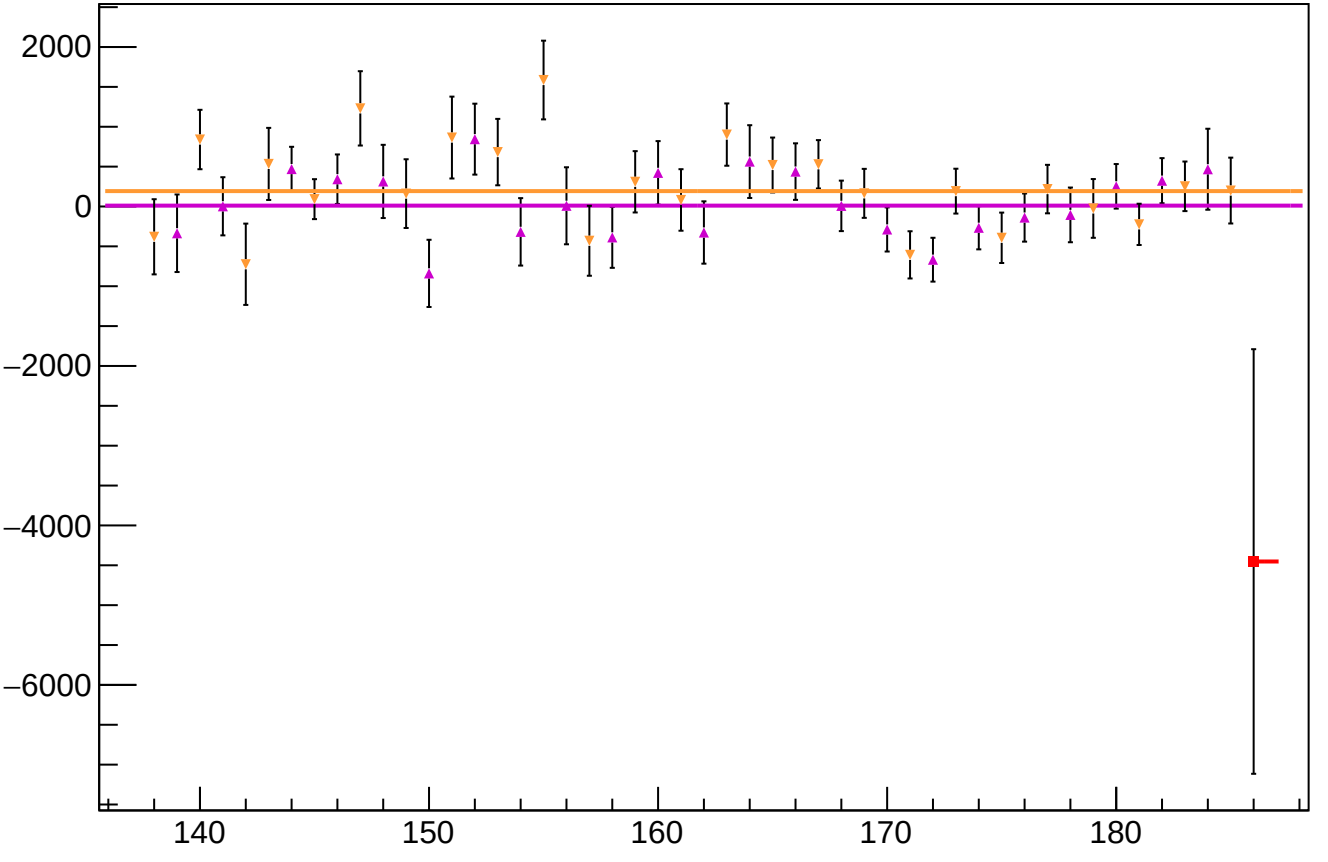
Right: 396.639+/-0.458 χ^2/NDF: 0.0/0

In: 45.465+/-0.008 χ^2/NDF:457021.7/22

Out: 44.956+/-0.007 χ^2/NDF:1006513.2/25

All: 45.202+/-0.005 χ^2/NDF: 1465769.8/48

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 192.946+/-70.968 χ^2/NDF:45.8/24

Right Out: -4452.384+/-2662.588 χ^2/NDF: 0.0/0

Left In: 10.801+/-72.300 χ^2/NDF:30.2/22

Left: 103.567+/-50.646 χ^2/NDF: 79.3/47

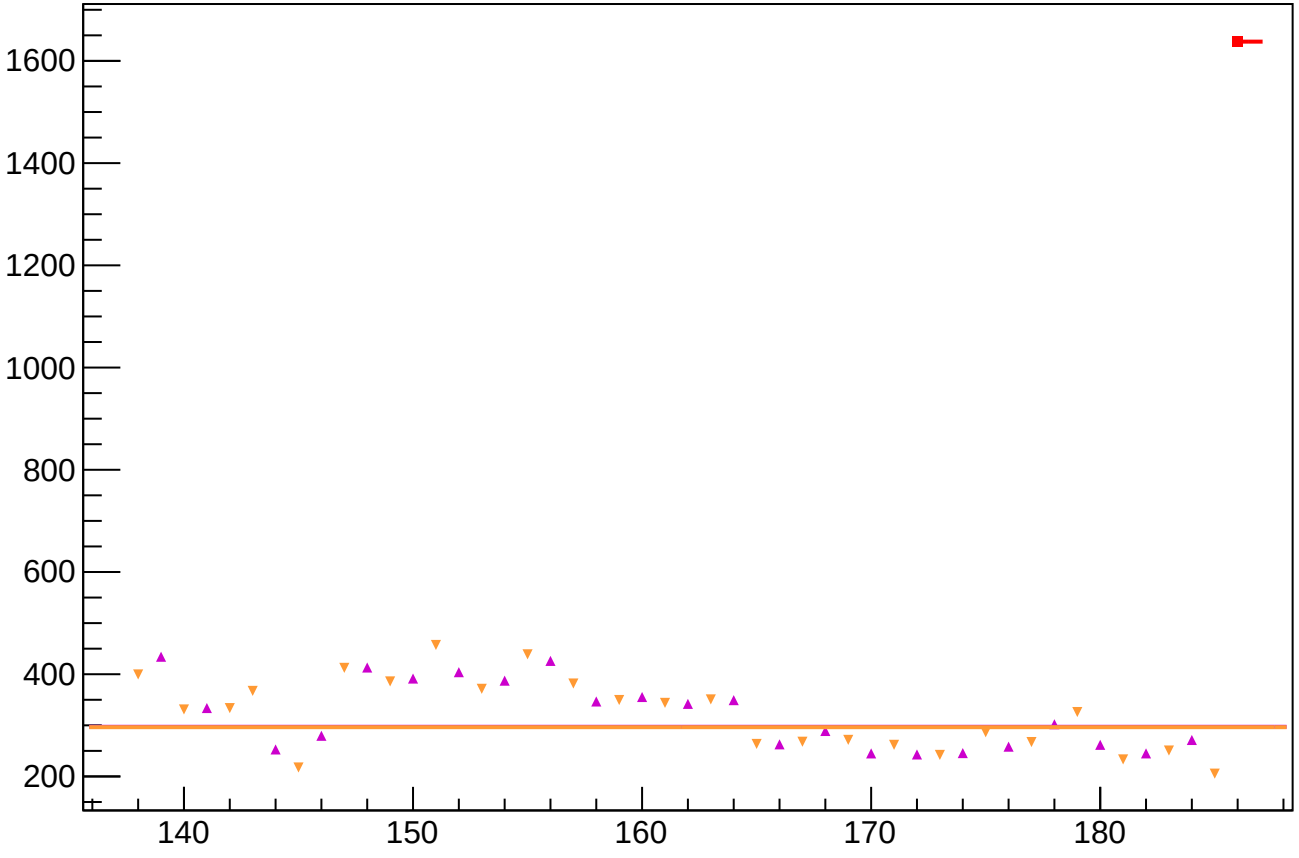
Right: -4452.384+/-2662.588 χ^2/NDF: 0.0/0

In: 10.801+/-72.300 χ^2/NDF:30.2/22

Out: 189.648+/-70.943 χ^2/NDF:48.9/25

All: 101.919+/-50.637 χ^2/NDF: 82.2/48

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 296.383+/-0.050 χ^2/NDF:1635498.4/24

Right Out: 1637.703+/-1.883 χ^2/NDF: 0.0/0

Left In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

Left: 296.753+/-0.036 χ^2/NDF: 2956359.4/47

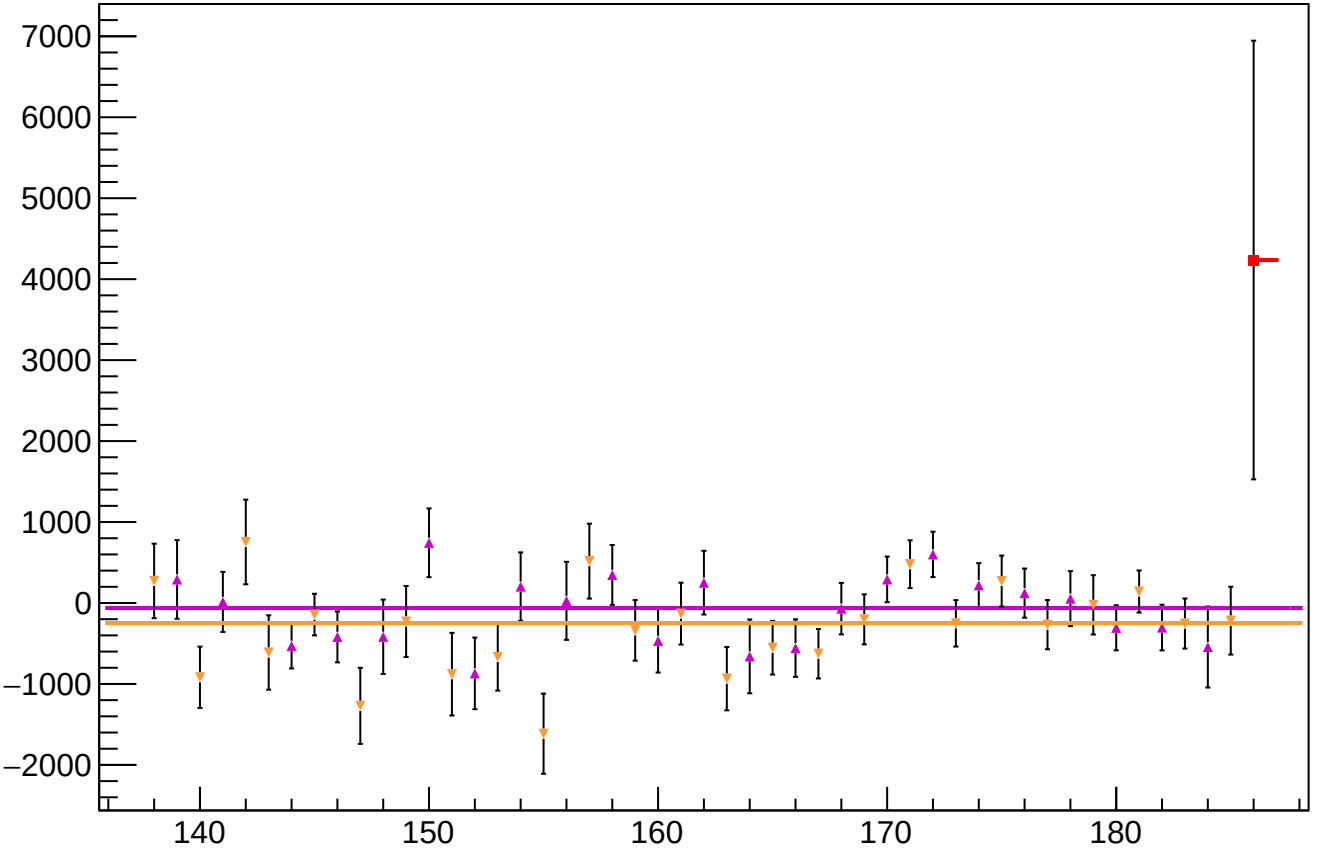
Right: 1637.703+/-1.883 χ^2/NDF: 0.0/0

In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

Out: 297.335+/-0.050 χ^2/NDF:2142697.4/25

All: 297.238+/-0.036 χ^2/NDF: 3463455.3/48

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -247.108+/-71.218 χ^2/NDF:43.6/24

Right Out: 4236.524+/-2709.363 χ^2/NDF: 0.0/0

Left In: -61.707+/-72.478 χ^2/NDF:30.3/22

Left: -156.032+/-50.798 χ^2/NDF: 77.2/47

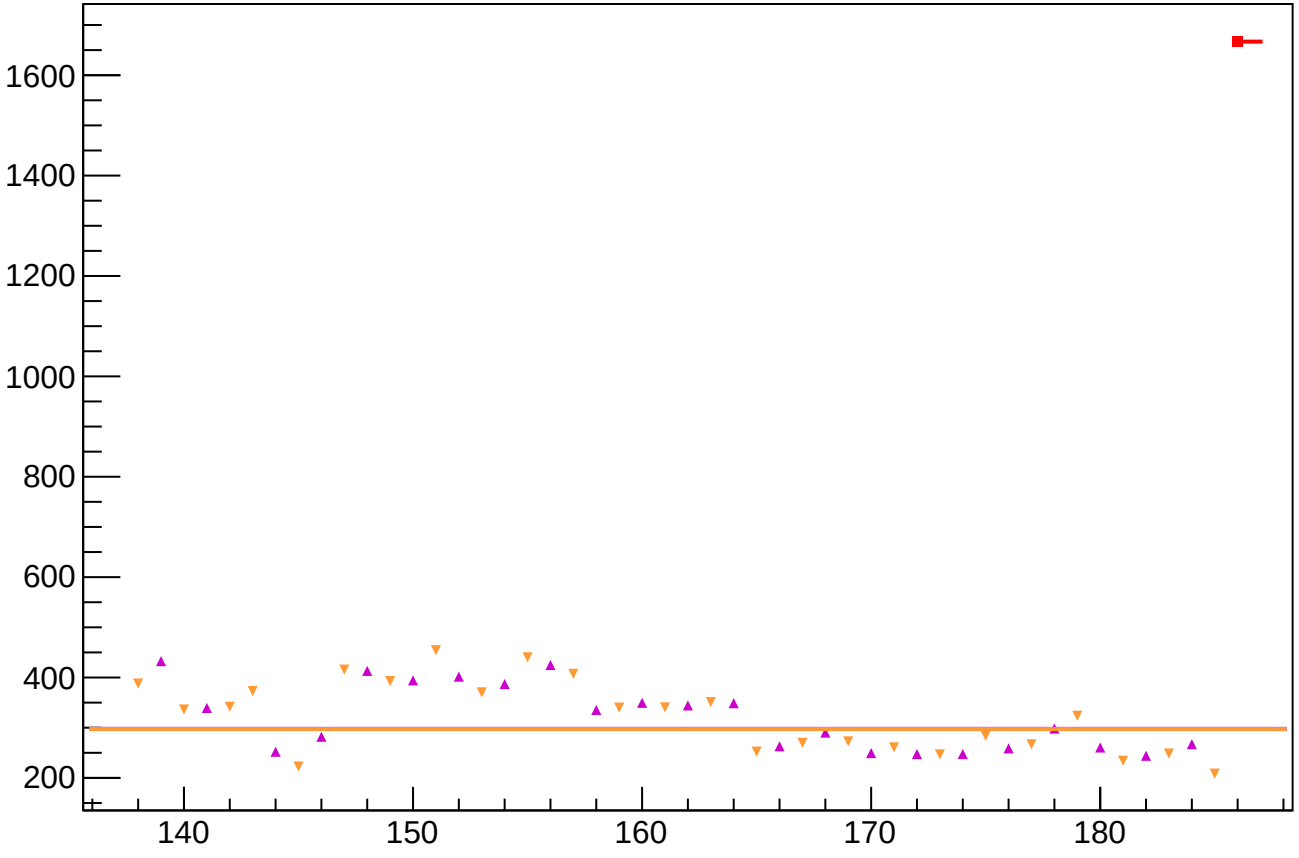
Right: 4236.524+/-2709.363 χ^2/NDF: 0.0/0

In: -61.707+/-72.478 χ^2/NDF:30.3/22

Out: -244.012+/-71.193 χ^2/NDF:46.3/25

All: -154.489+/-50.789 χ^2/NDF: 79.9/48

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 297.273+/-0.050 χ^2/NDF:1627904.5/24

Right Out: 1666.884+/-1.916 χ^2/NDF: 0.0/0

Left In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

Left: 297.481+/-0.036 χ^2/NDF: 2902547.0/47

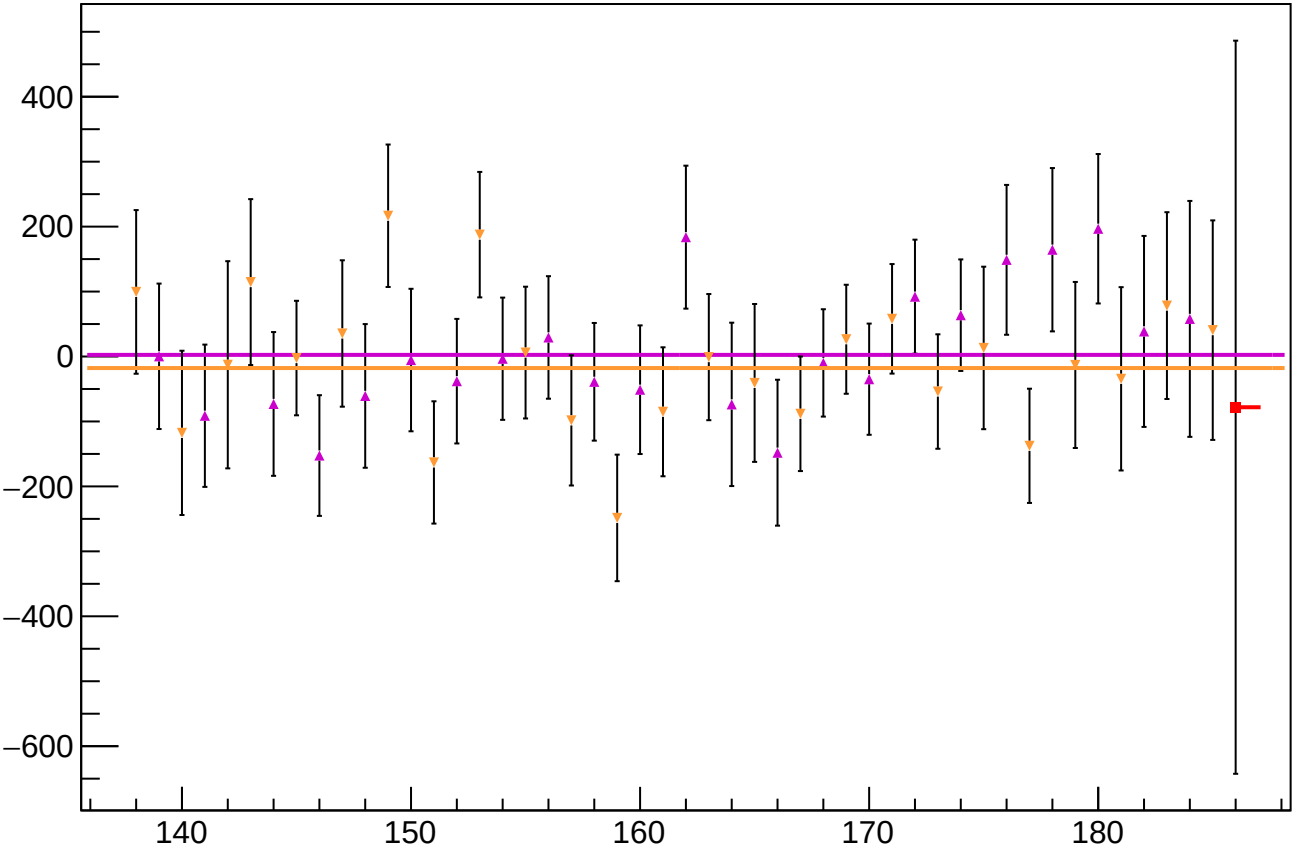
Right: 1666.884+/-1.916 χ^2/NDF: 0.0/0

In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

Out: 298.219+/-0.050 χ^2/NDF:2138633.1/25

All: 297.962+/-0.036 χ^2/NDF: 3413293.7/48

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -17.764+/-21.121 χ^2/NDF:25.5/24

Right Out: -78.101+/-564.417 χ^2/NDF: 0.0/0

Left In: 2.505+/-21.582 χ^2/NDF:18.0/22

Left: -7.848+/-15.095 χ^2/NDF: 44.0/47

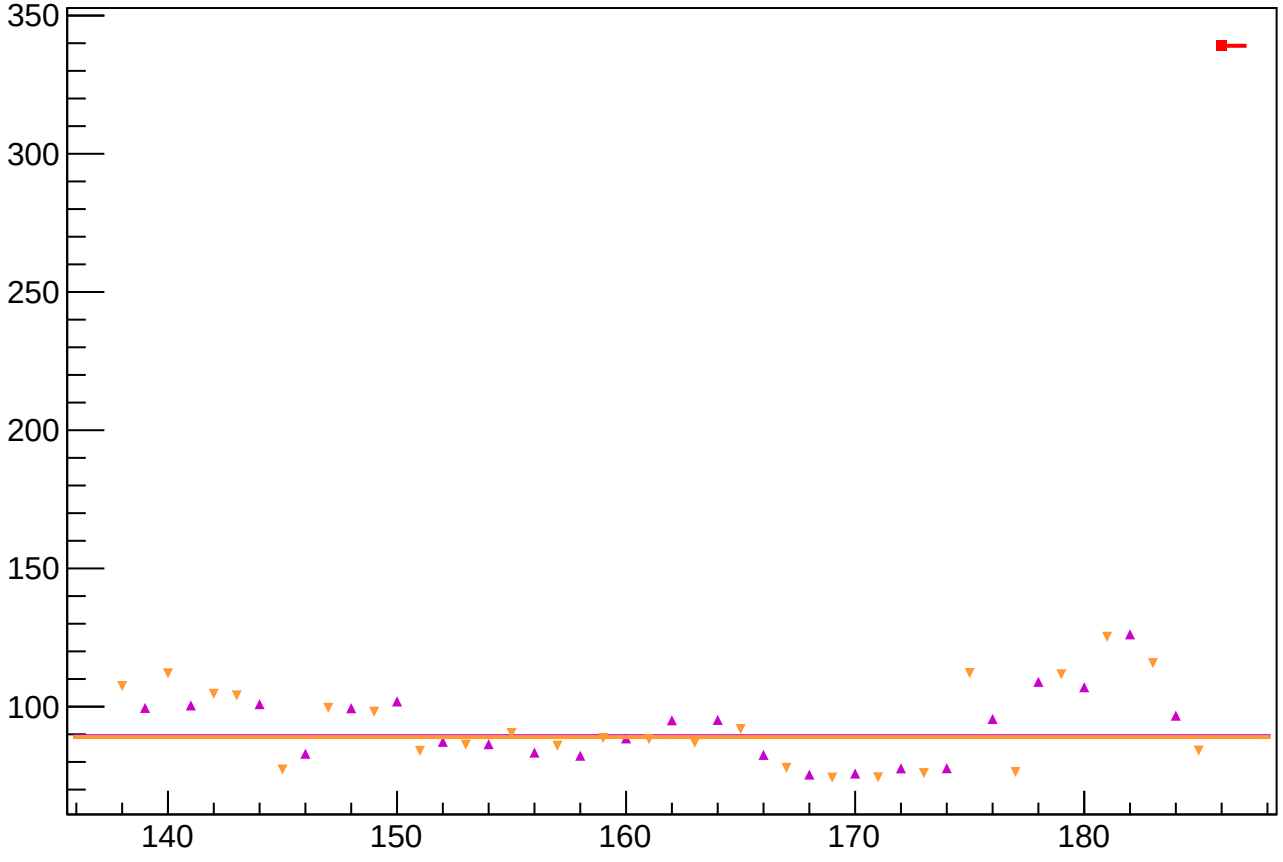
Right: -78.101+/-564.417 χ^2/NDF: 0.0/0

In: 2.505+/-21.582 χ^2/NDF:18.0/22

Out: -17.848+/-21.106 χ^2/NDF:25.5/25

All: -7.898+/-15.090 χ^2/NDF: 44.0/48

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 88.991+/-0.015 χ^2/NDF:807471.2/24

Right Out: 339.074+/-0.399 χ^2/NDF: 0.0/0

Left In: 89.321+/-0.015 χ^2/NDF:560433.9/22

Left: 89.152+/-0.011 χ^2/NDF: 1368144.9/47

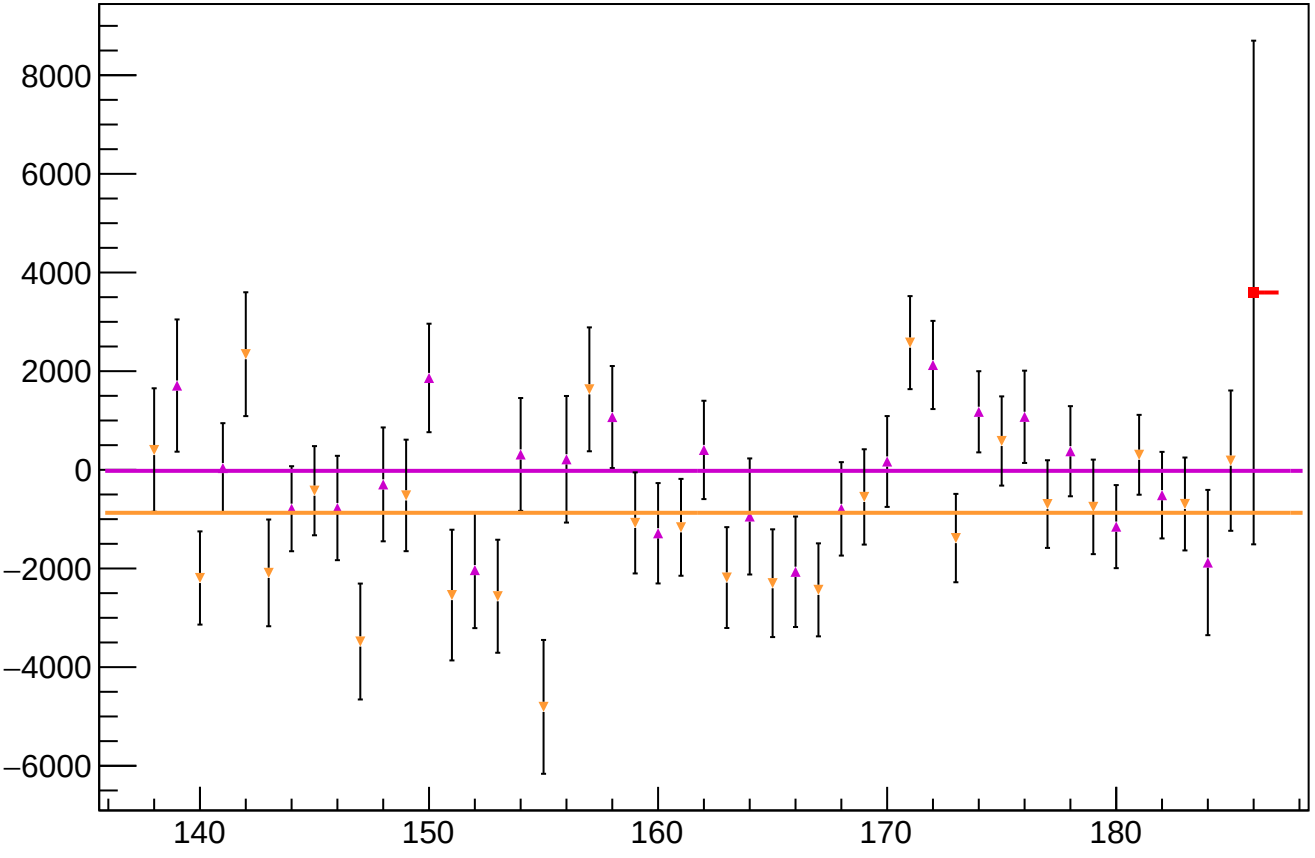
Right: 339.074+/-0.399 χ^2/NDF: 0.0/0

In: 89.321+/-0.015 χ^2/NDF:560433.9/22

Out: 89.340+/-0.015 χ^2/NDF:1199567.7/25

All: 89.331+/-0.011 χ^2/NDF: 1760002.4/48

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -871.061+/-205.986 χ^2/NDF:57.6/24

Right Out: 3594.657+/-5105.192 χ^2/NDF: 0.0/0

Left In: -20.573+/-210.177 χ^2/NDF:29.7/22

Left: -454.381+/-147.113 χ^2/NDF: 95.6/47

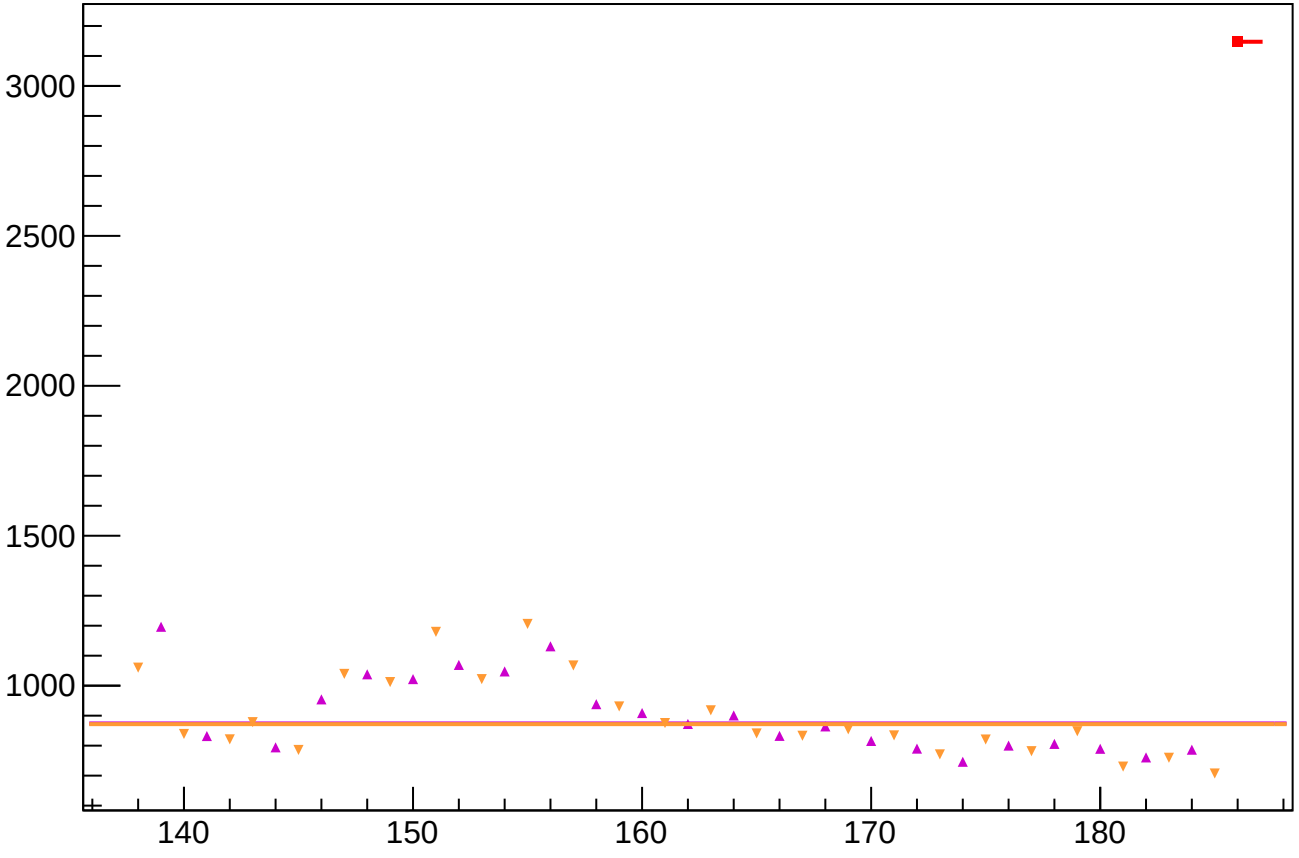
Right: 3594.657+/-5105.192 χ^2/NDF: 0.0/0

In: -20.573+/-210.177 χ^2/NDF:29.7/22

Out: -863.803+/-205.818 χ^2/NDF:58.4/25

All: -451.022+/-147.052 χ^2/NDF: 96.3/48

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 871.690+/-0.146 χ^2/NDF:642403.4/24

Right Out: 3147.378+/-3.610 χ^2/NDF: 0.0/0

Left In: 874.055+/-0.149 χ^2/NDF:578510.6/22

Left: 872.849+/-0.104 χ^2/NDF: 1221043.2/47

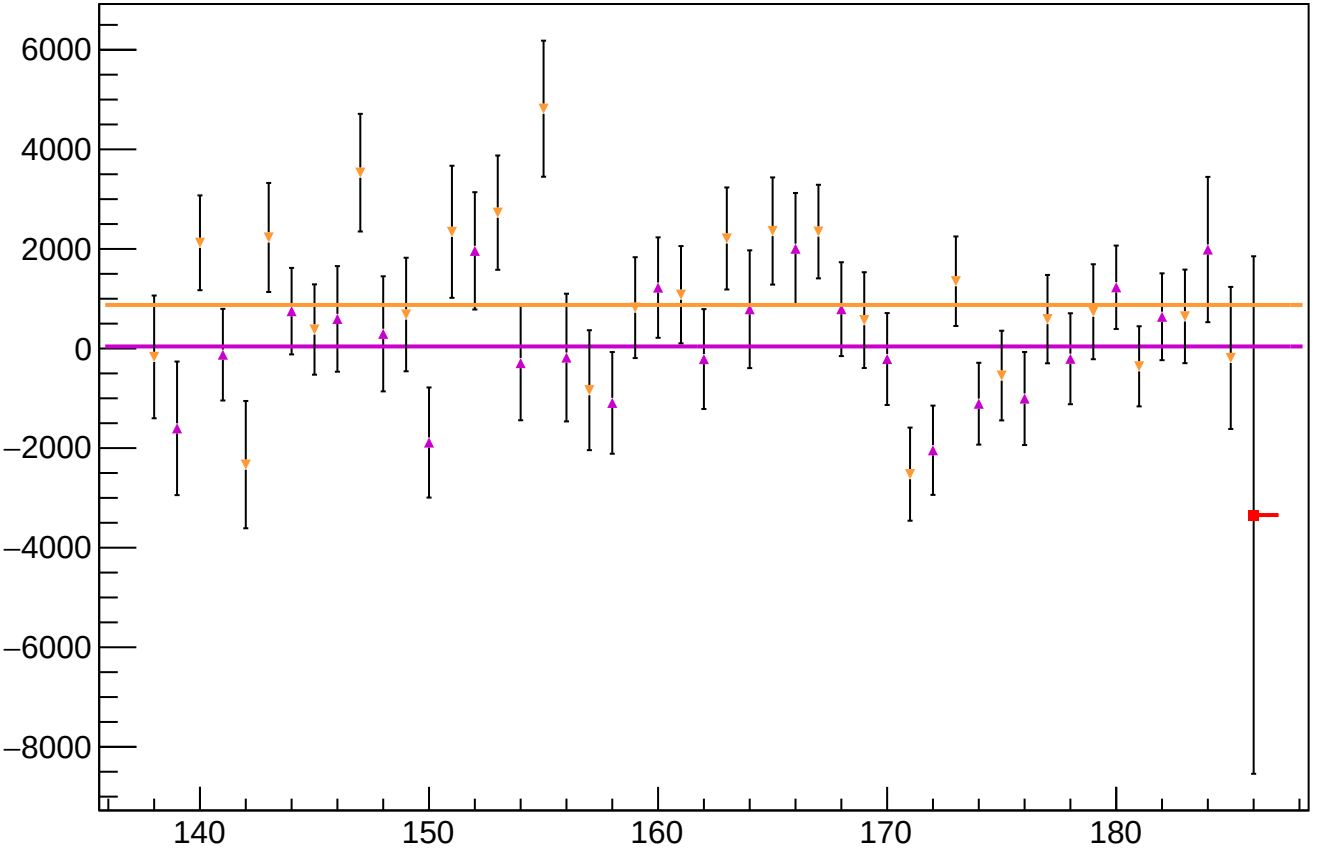
Right: 3147.378+/-3.610 χ^2/NDF: 0.0/0

In: 874.055+/-0.149 χ^2/NDF:578510.6/22

Out: 875.389+/-0.146 χ^2/NDF:1039160.4/25

All: 874.736+/-0.104 χ^2/NDF: 1617712.1/48

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 875.084+/-205.572 χ^2/NDF:55.1/24

Right Out: -3344.154+/-5197.183 χ^2/NDF: 0.0/0

Left In: 41.523+/-210.209 χ^2/NDF:28.1/22

Left: 467.597+/-146.973 χ^2/NDF: 91.2/47

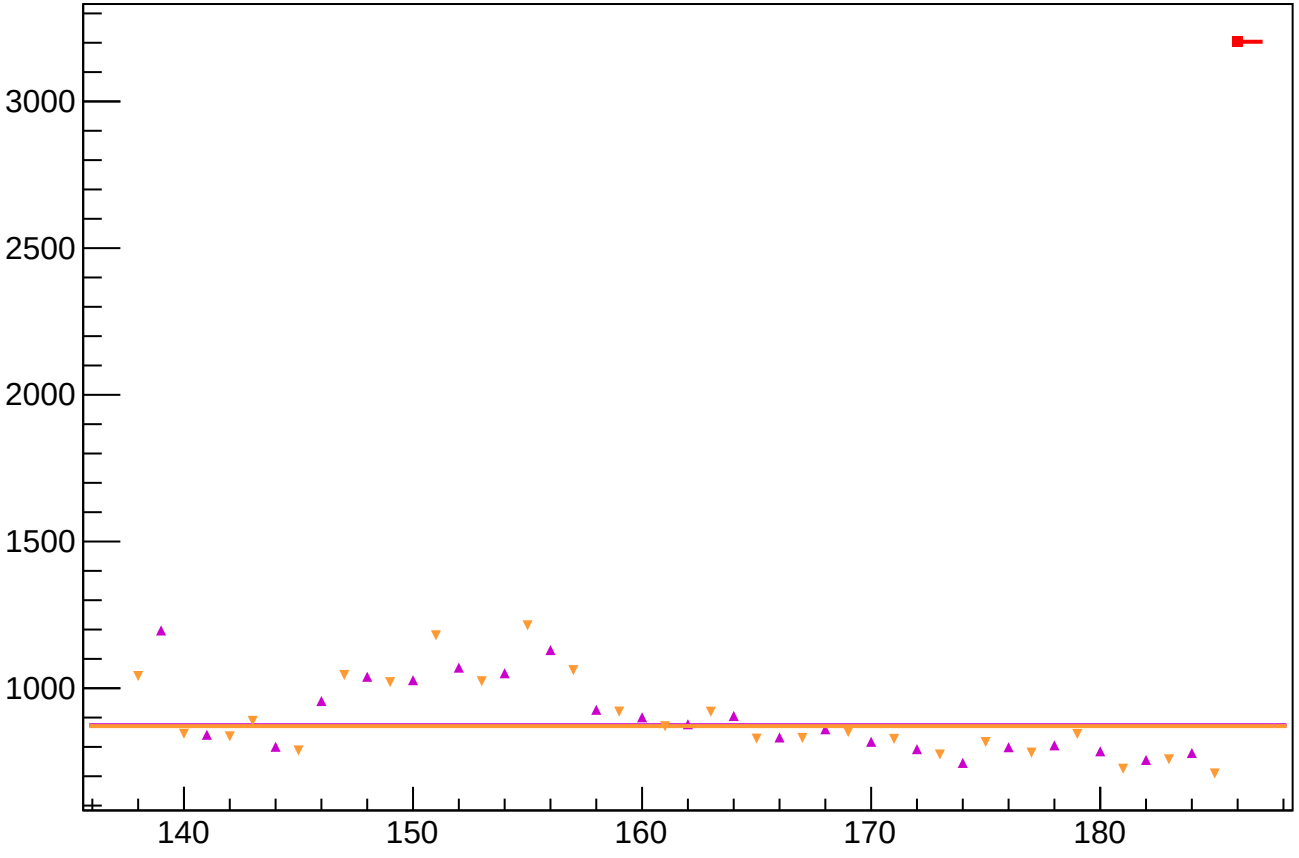
Right: -3344.154+/-5197.183 χ^2/NDF: 0.0/0

In: 41.523+/-210.209 χ^2/NDF:28.1/22

Out: 868.493+/-205.411 χ^2/NDF:55.7/25

All: 464.552+/-146.915 χ^2/NDF: 91.8/48

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 870.853+/-0.145 χ^2/NDF:651805.6/24

Right Out: 3203.449+/-3.675 χ^2/NDF: 0.0/0

Left In: 873.902+/-0.149 χ^2/NDF:583344.5/22

Left: 872.344+/-0.104 χ^2/NDF: 1235365.2/47

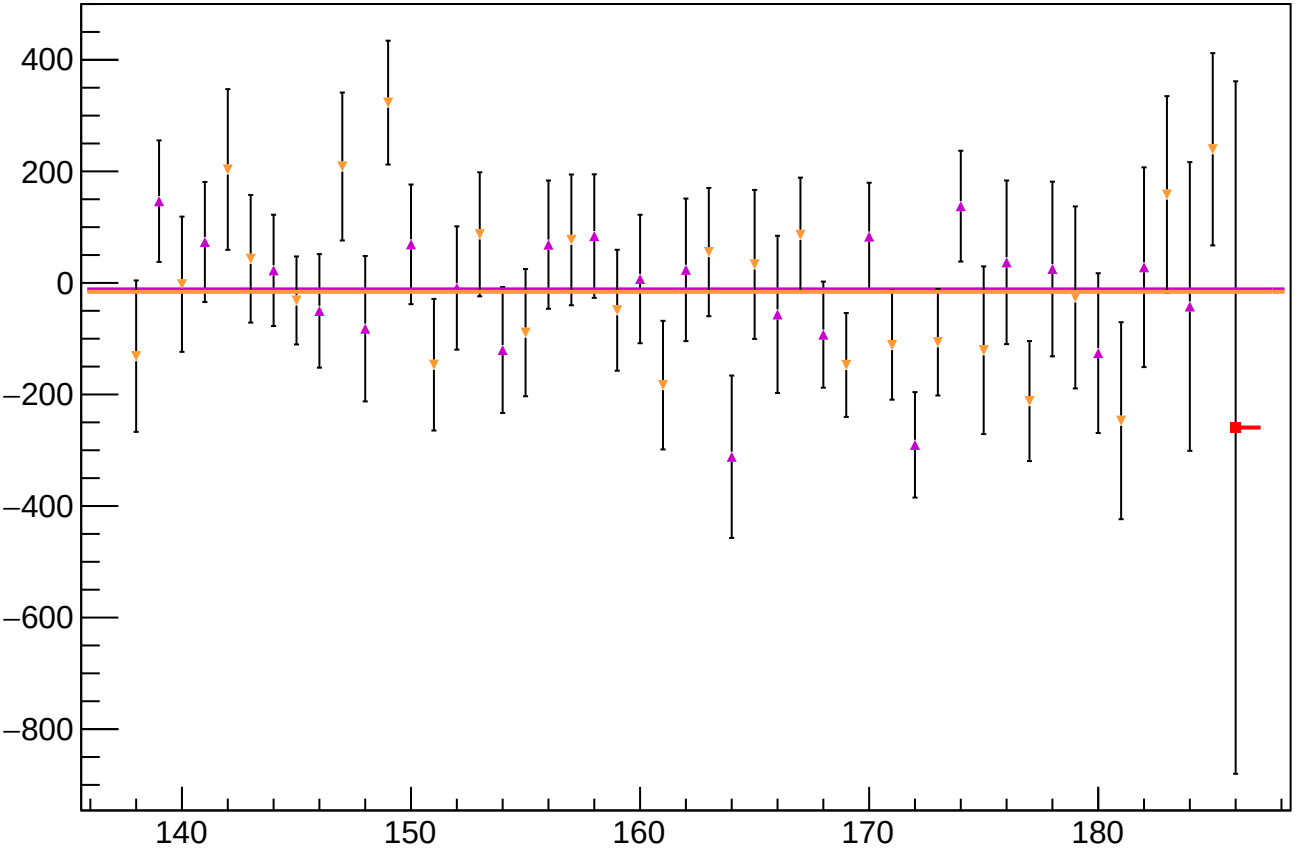
Right: 3203.449+/-3.675 χ^2/NDF: 0.0/0

In: 873.902+/-0.149 χ^2/NDF:583344.5/22

Out: 874.497+/-0.145 χ^2/NDF:1054053.9/25

All: 874.206+/-0.104 χ^2/NDF: 1637406.5/48

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -15.956+/-23.377 χ^2/NDF:34.9/24

Right Out: -259.284+/-620.817 χ^2/NDF: 0.0/0

Left In: -11.570+/-24.412 χ^2/NDF:24.0/22

Left: -13.858+/-16.884 χ^2/NDF: 58.9/47

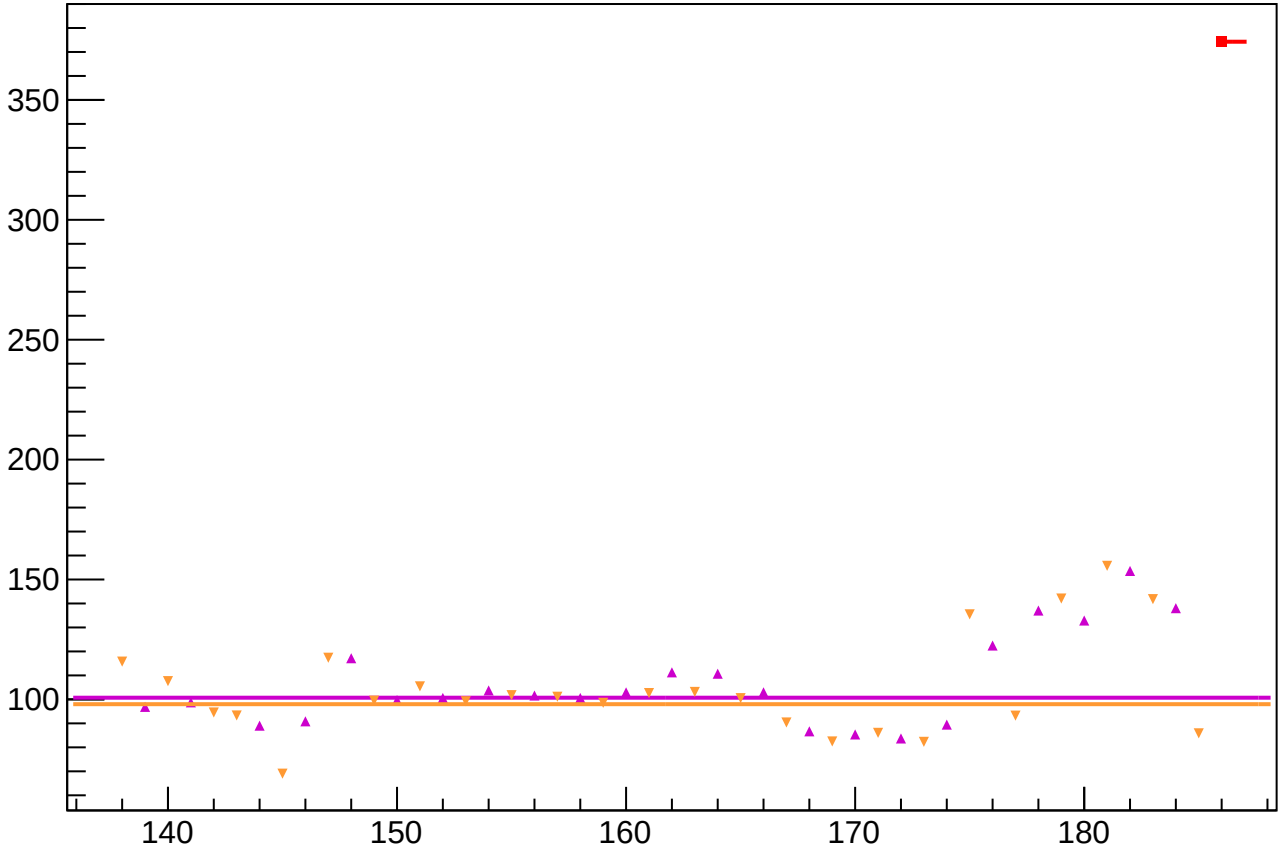
Right: -259.284+/-620.817 χ^2/NDF: 0.0/0

In: -11.570+/-24.412 χ^2/NDF:24.0/22

Out: -16.300+/-23.361 χ^2/NDF:35.1/25

All: -14.039+/-16.878 χ^2/NDF: 59.1/48

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 98.001+/-0.017 χ^2/NDF:1155021.9/24

Right Out: 374.275+/-0.439 χ^2/NDF: 0.0/0

Left In: 100.704+/-0.017 χ^2/NDF:759922.8/22

Left: 99.294+/-0.012 χ^2/NDF: 1927728.9/47

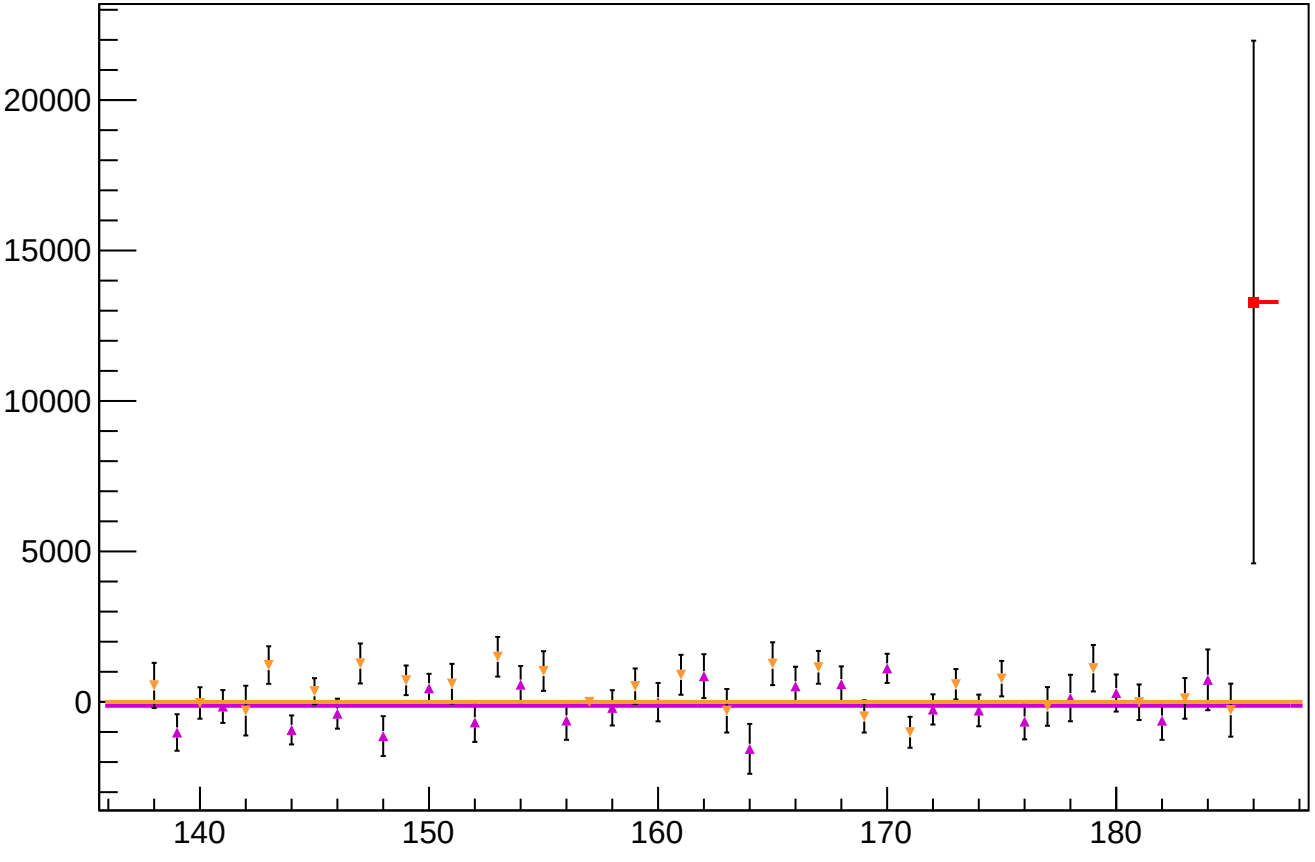
Right: 374.275+/-0.439 χ^2/NDF: 0.0/0

In: 100.704+/-0.017 χ^2/NDF:759922.8/22

Out: 98.392+/-0.017 χ^2/NDF:1550540.3/25

All: 99.497+/-0.012 χ^2/NDF: 2319820.2/48

asym_sam_26_48_dd_correction_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:39.9/24

Right Out: 13288.891+/-8684.786 χ^2/NDF: 0.0/0

Left In: -129.094+/-124.247 χ^2/NDF:28.3/22

Left: -0.000+/-0.000 χ^2/NDF: 69.3/47

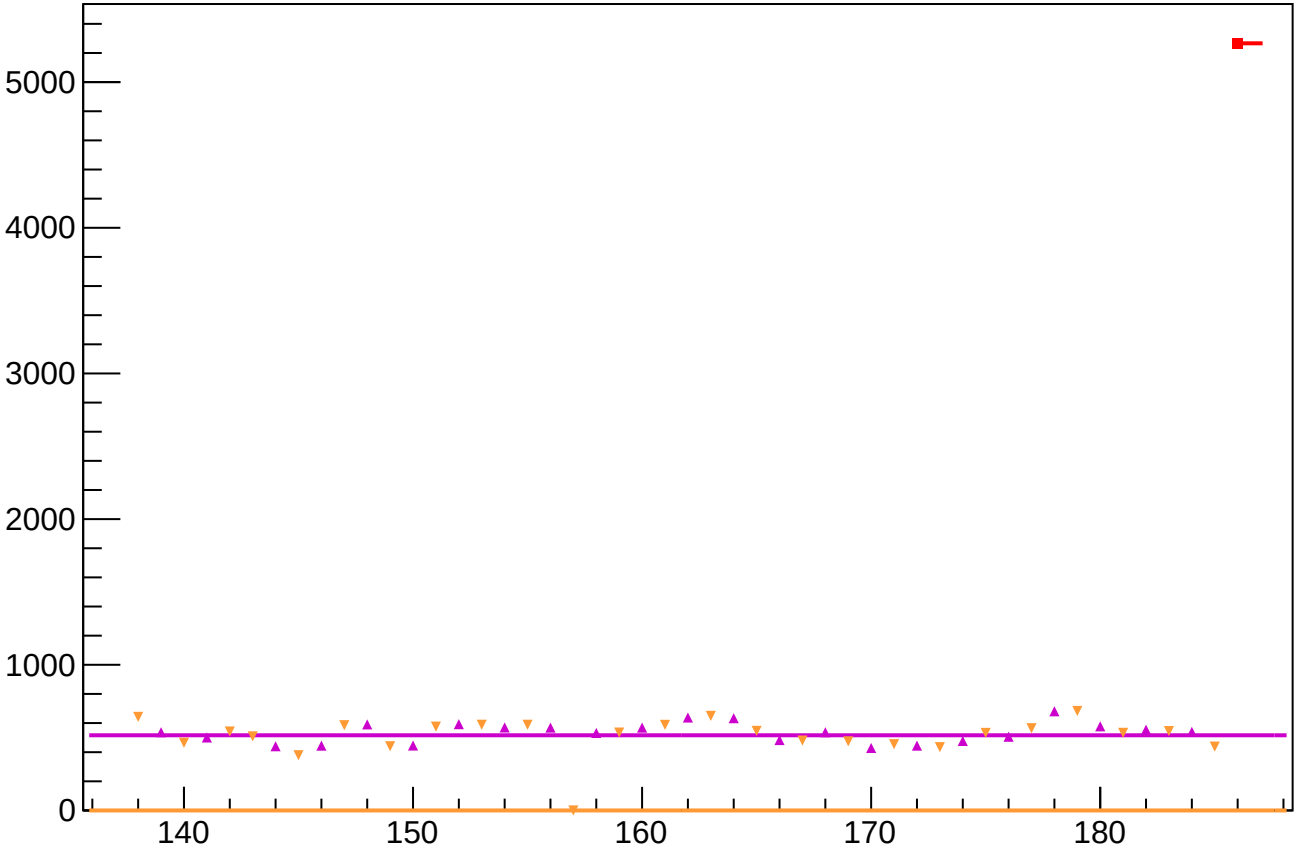
Right: 13288.891+/-8684.786 χ^2/NDF: 0.0/0

In: -129.094+/-124.247 χ^2/NDF:28.3/22

Out: -0.000+/-0.000 χ^2/NDF:42.2/25

All: -0.000+/-0.000 χ^2/NDF: 71.6/48

asym_sam_26_48_dd_correction_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:34974091.9/24

Right Out: 5266.460+/-6.141 χ^2/NDF: 0.0/0

Left In: 516.120+/-0.088 χ^2/NDF:571744.7/22

Left: 0.000+/-0.000 χ^2/NDF: 70057167.0/47

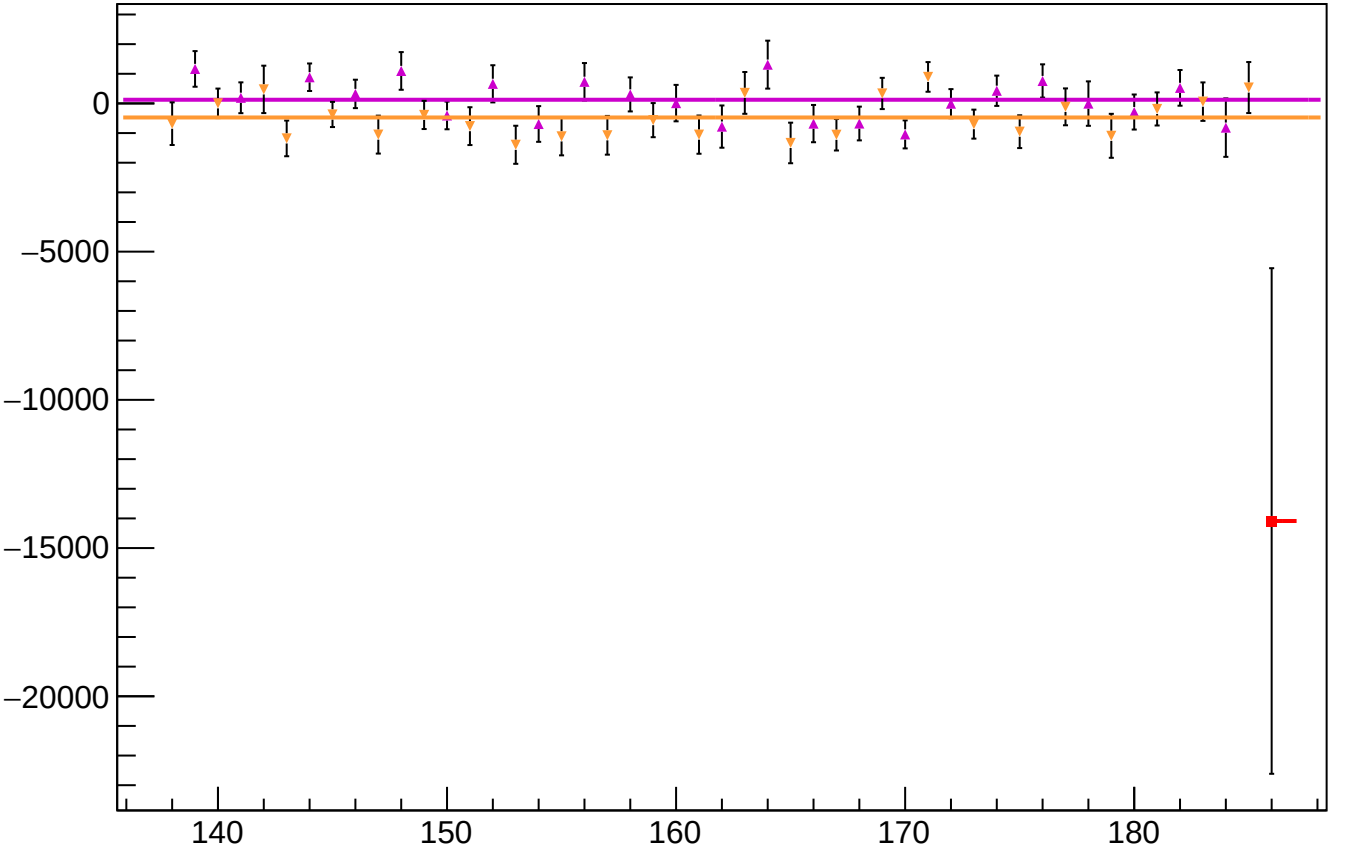
Right: 5266.460+/-6.141 χ^2/NDF: 0.0/0

In: 516.120+/-0.088 χ^2/NDF:571744.7/22

Out: 0.000+/-0.000 χ^2/NDF:35709535.5/25

All: 0.000+/-0.000 χ^2/NDF: 70792610.6/48

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -473.870+/-117.977 χ^2/NDF:27.9/24

Right Out: -14086.926+/-8528.393 χ^2/NDF: 0.0/0

Left In: 124.022+/-120.216 χ^2/NDF:30.2/22

Left: -180.543+/-84.203 χ^2/NDF: 70.7/47

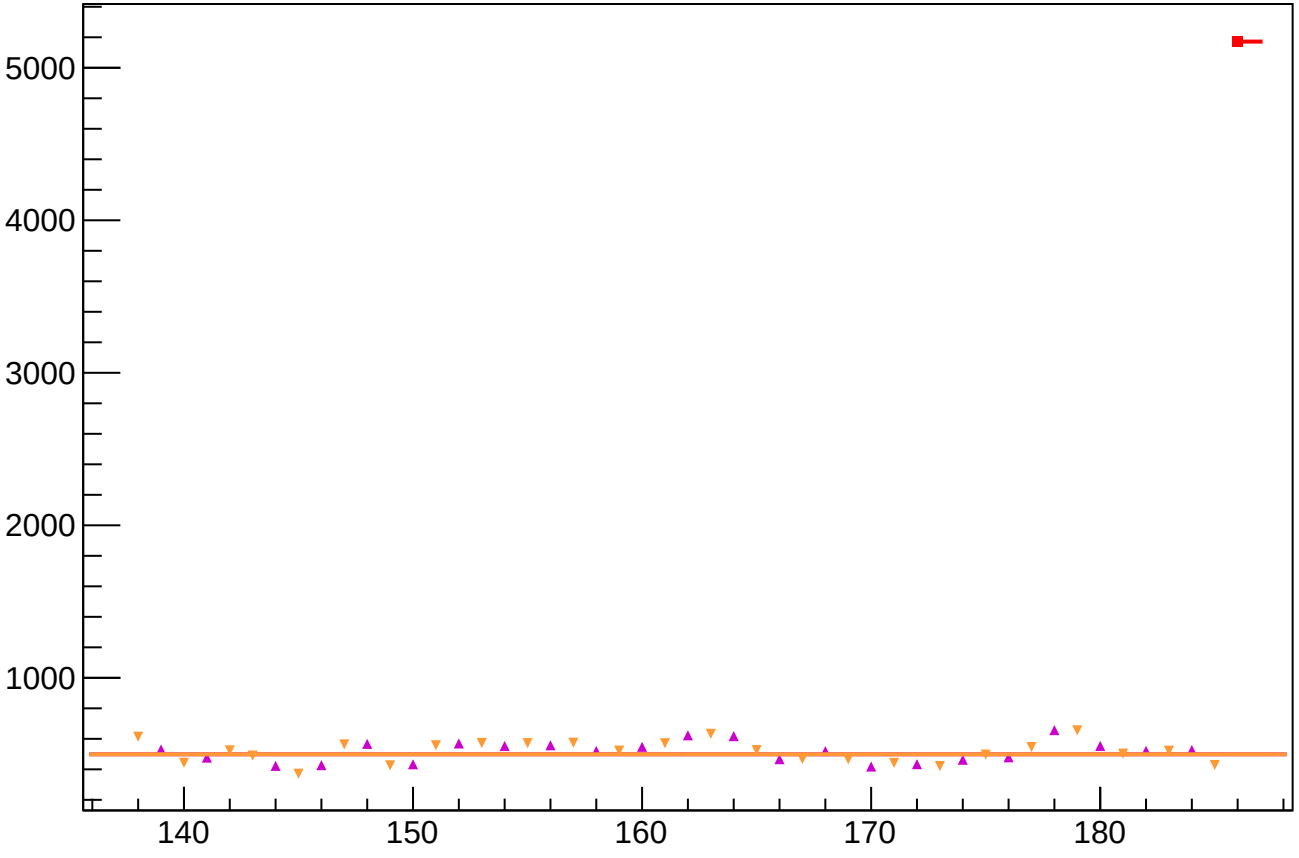
Right: -14086.926+/-8528.393 χ^2/NDF: 0.0/0

In: 124.022+/-120.216 χ^2/NDF:30.2/22

Out: -476.475+/-117.966 χ^2/NDF:30.5/25

All: -181.899+/-84.199 χ^2/NDF: 73.4/48

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 498.662+/-0.083 χ^2/NDF:734652.4/24

Right Out: 5171.734+/-6.030 χ^2/NDF: 0.0/0

Left In: 498.835+/-0.085 χ^2/NDF:572334.3/22

Left: 498.747+/-0.060 χ^2/NDF: 1306988.8/47

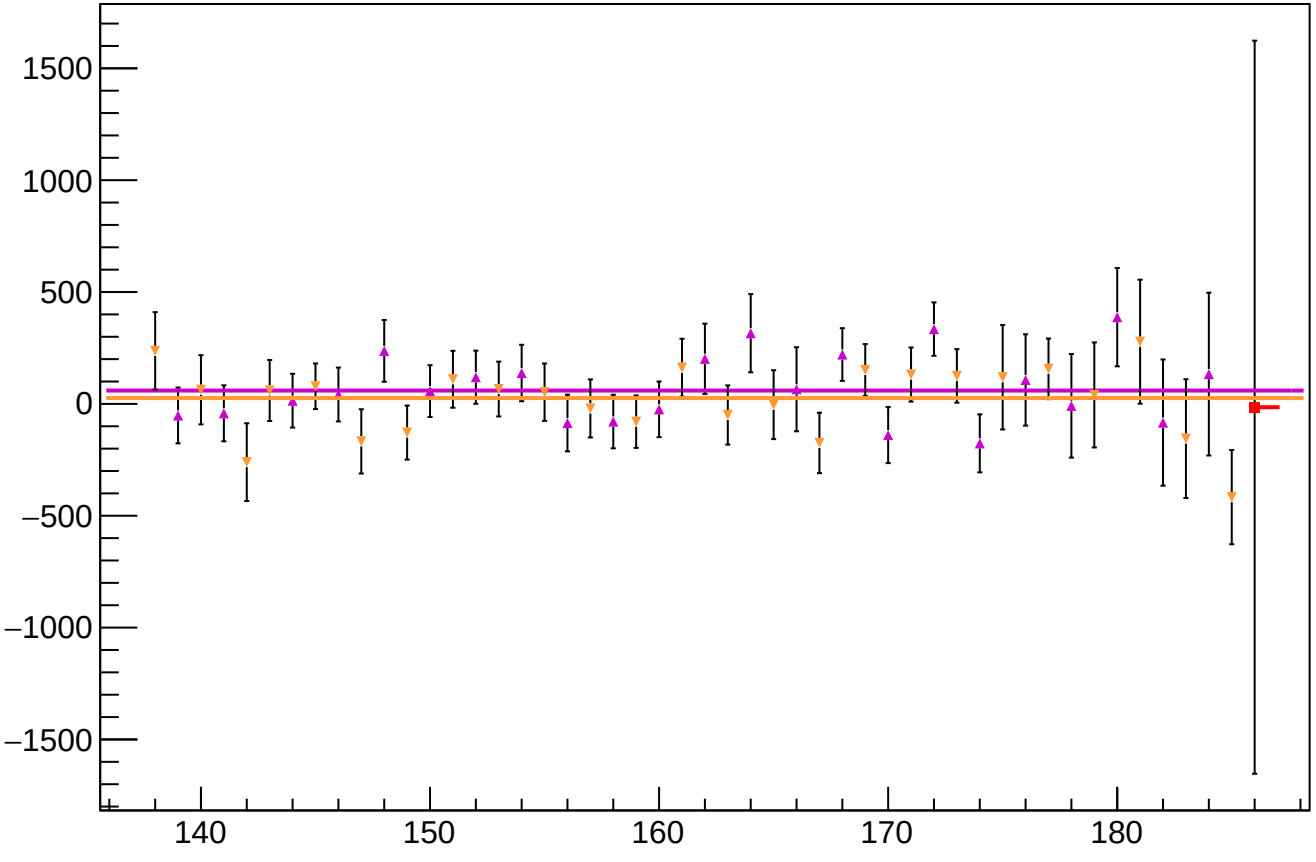
Right: 5171.734+/-6.030 χ^2/NDF: 0.0/0

In: 498.835+/-0.085 χ^2/NDF:572334.3/22

Out: 499.556+/-0.083 χ^2/NDF:1335020.1/25

All: 499.203+/-0.060 χ^2/NDF: 1907391.1/48

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 25.940+/-28.120 χ^2/NDF:22.7/24

Right Out: -14.957+/-1638.532 χ^2/NDF: 0.0/0

Left In: 59.603+/-29.184 χ^2/NDF:25.6/22

Left: 42.147+/-20.250 χ^2/NDF: 49.0/47

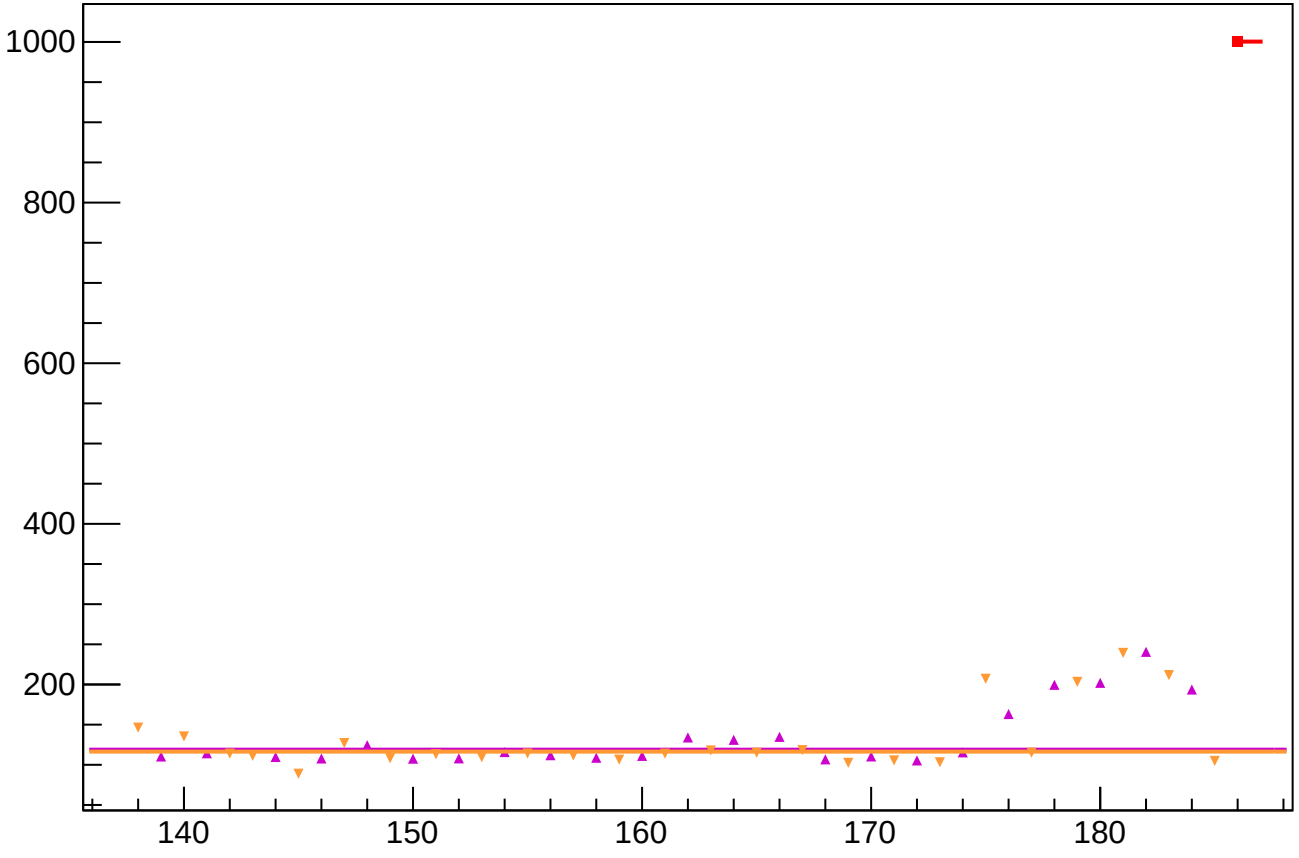
Right: -14.957+/-1638.532 χ^2/NDF: 0.0/0

In: 59.603+/-29.184 χ^2/NDF:25.6/22

Out: 25.928+/-28.116 χ^2/NDF:22.7/25

All: 42.138+/-20.248 χ^2/NDF: 49.0/48

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 116.427+/-0.020 χ^2/NDF:1589669.4/24

Right Out: 1000.458+/-1.159 χ^2/NDF: 0.0/0

Left In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

Left: 117.580+/-0.014 χ^2/NDF: 2885830.3/47

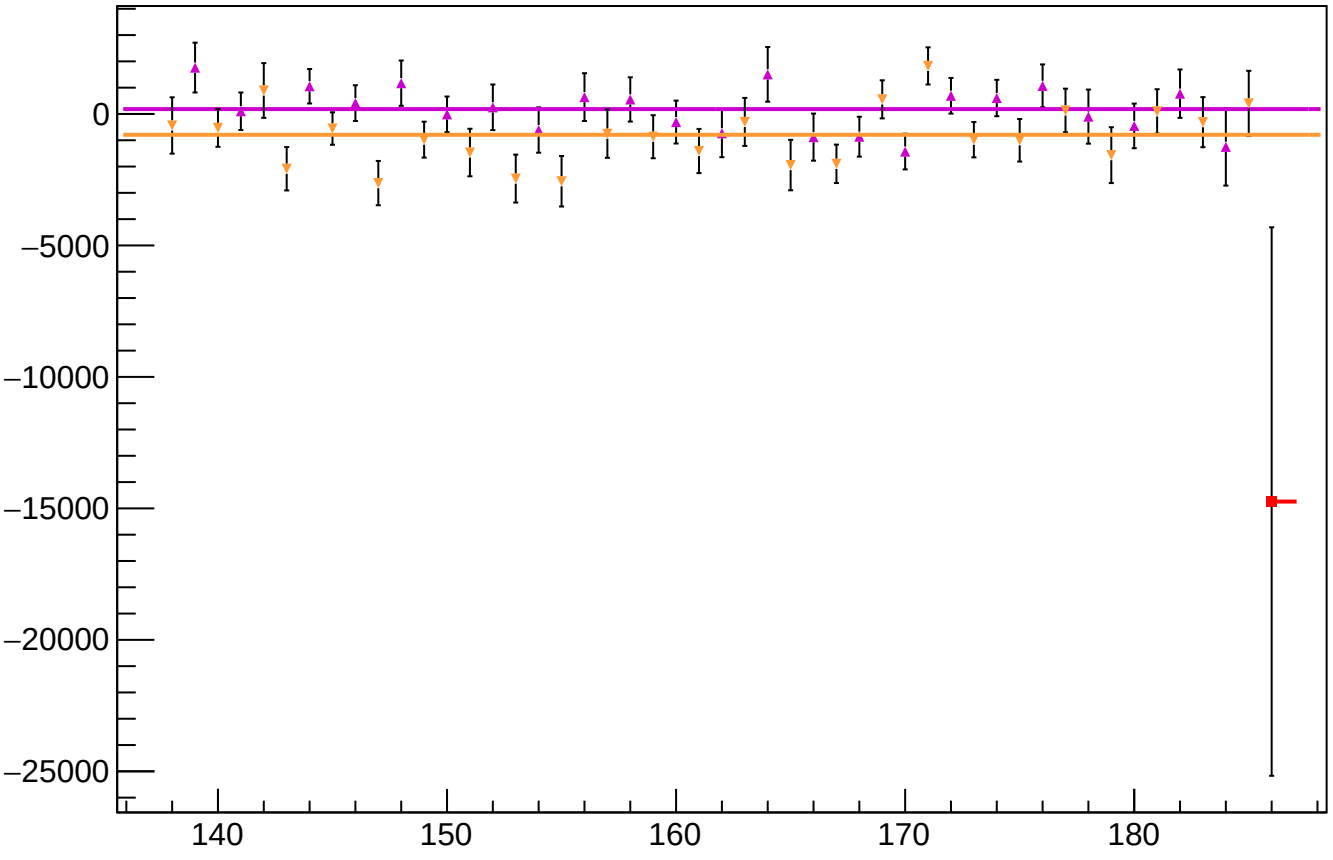
Right: 1000.458+/-1.159 χ^2/NDF: 0.0/0

In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

Out: 116.688+/-0.020 χ^2/NDF:2171675.4/25

All: 117.715+/-0.014 χ^2/NDF: 3466401.6/48

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -791.963+/-165.971 χ^2/NDF:43.6/24

Right Out: -14740.074+/-10429.677 χ^2/NDF: 0.0/0

Left In: 185.191+/-169.174 χ^2/NDF:23.4/22

Left: -312.725+/-118.475 χ^2/NDF: 84.0/47

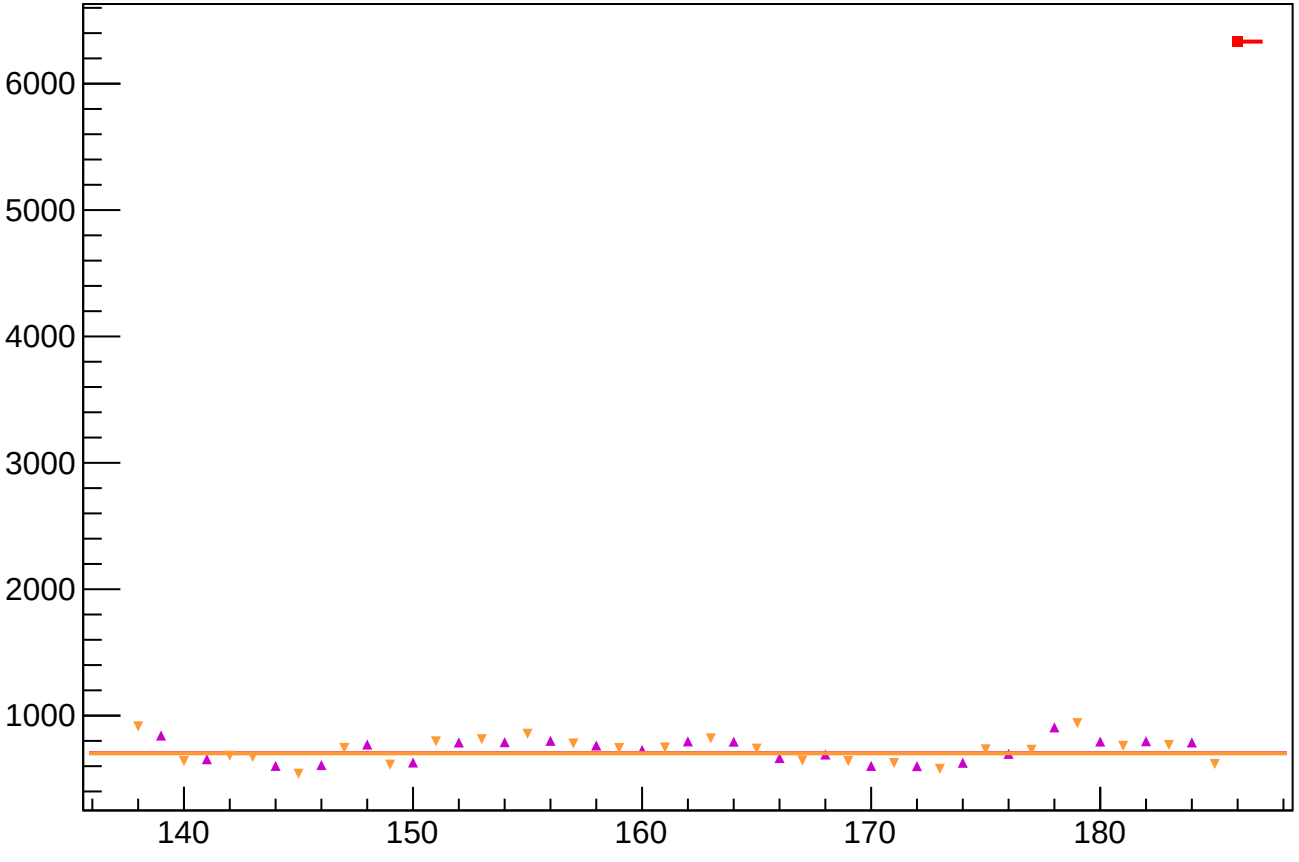
Right: -14740.074+/-10429.677 χ^2/NDF: 0.0/0

In: 185.191+/-169.174 χ^2/NDF:23.4/22

Out: -795.494+/-165.950 χ^2/NDF:45.4/25

All: -314.587+/-118.468 χ^2/NDF: 85.9/48

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 702.152+/-0.117 χ^2/NDF:691552.2/24

Right Out: 6332.952+/-7.375 χ^2/NDF: 0.0/0

Left In: 703.710+/-0.120 χ^2/NDF:533573.3/22

Left: 702.916+/-0.084 χ^2/NDF: 1225211.9/47

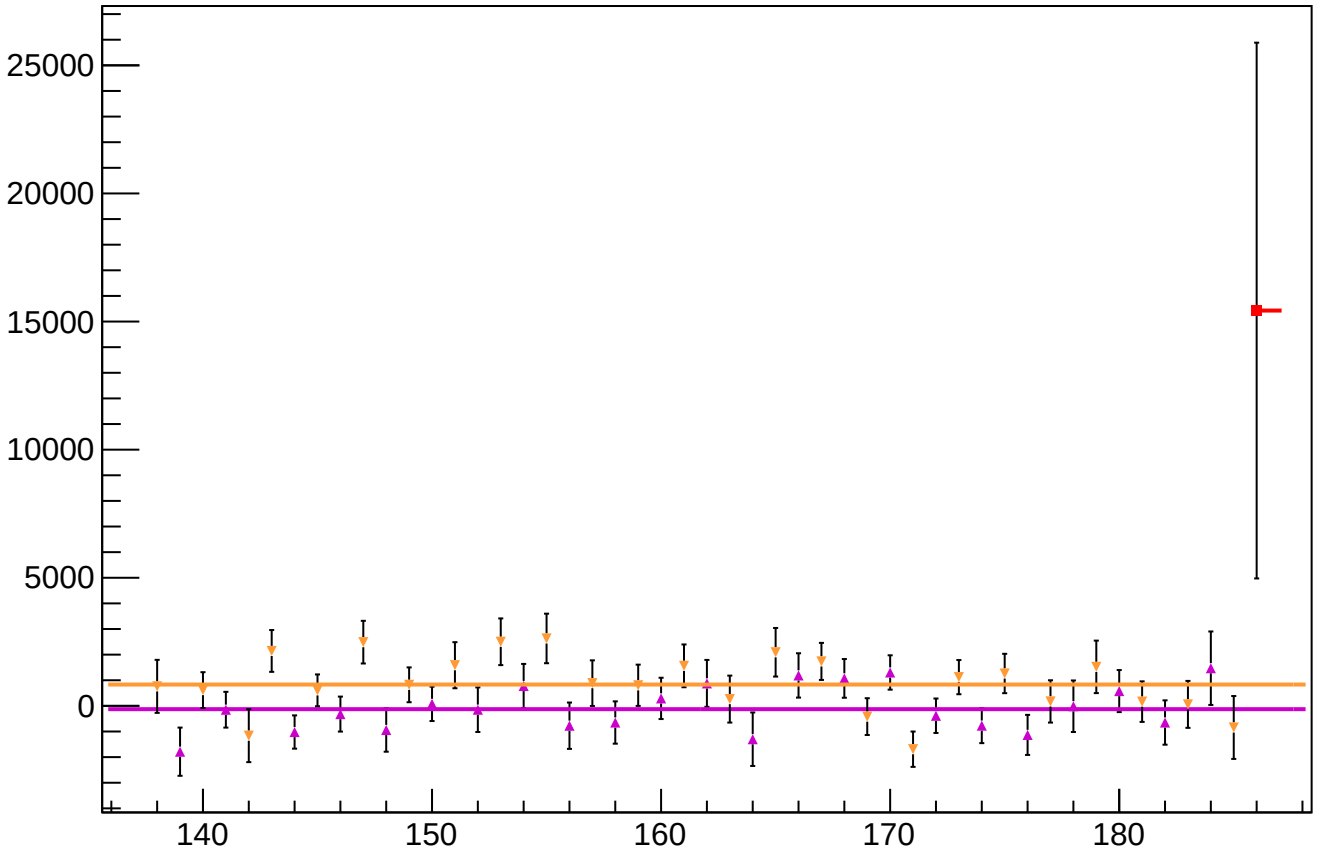
Right: 6332.952+/-7.375 χ^2/NDF: 0.0/0

In: 703.710+/-0.120 χ^2/NDF:533573.3/22

Out: 703.577+/-0.117 χ^2/NDF:1274350.9/25

All: 703.642+/-0.084 χ^2/NDF: 1807924.8/48

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 832.553+/-163.428 χ^2/NDF:43.8/24

Right Out: 15429.058+/-10455.613 χ^2/NDF: 0.0/0

Left In: -128.120+/-166.866 χ^2/NDF:25.3/22

Left: 362.214+/-116.758 χ^2/NDF: 86.0/47

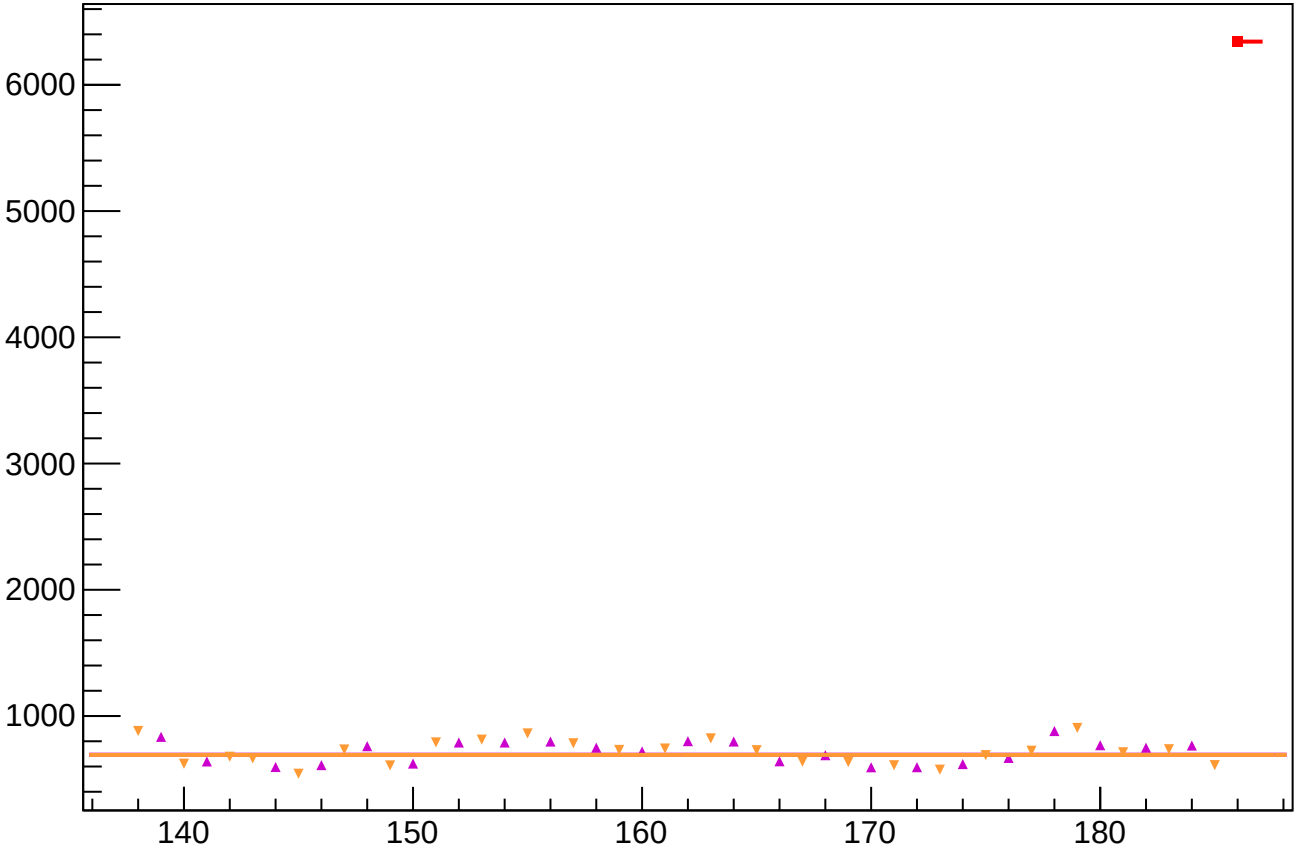
Right: 15429.058+/-10455.613 χ^2/NDF: 0.0/0

In: -128.120+/-166.866 χ^2/NDF:25.3/22

Out: 836.119+/-163.408 χ^2/NDF:45.8/25

All: 364.093+/-116.750 χ^2/NDF: 88.1/48

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 692.071+/-0.116 χ^2/NDF:657636.6/24

Right Out: 6342.458+/-7.393 χ^2/NDF: 0.0/0

Left In: 693.615+/-0.118 χ^2/NDF:520692.6/22

Left: 692.827+/-0.083 χ^2/NDF: 1178416.7/47

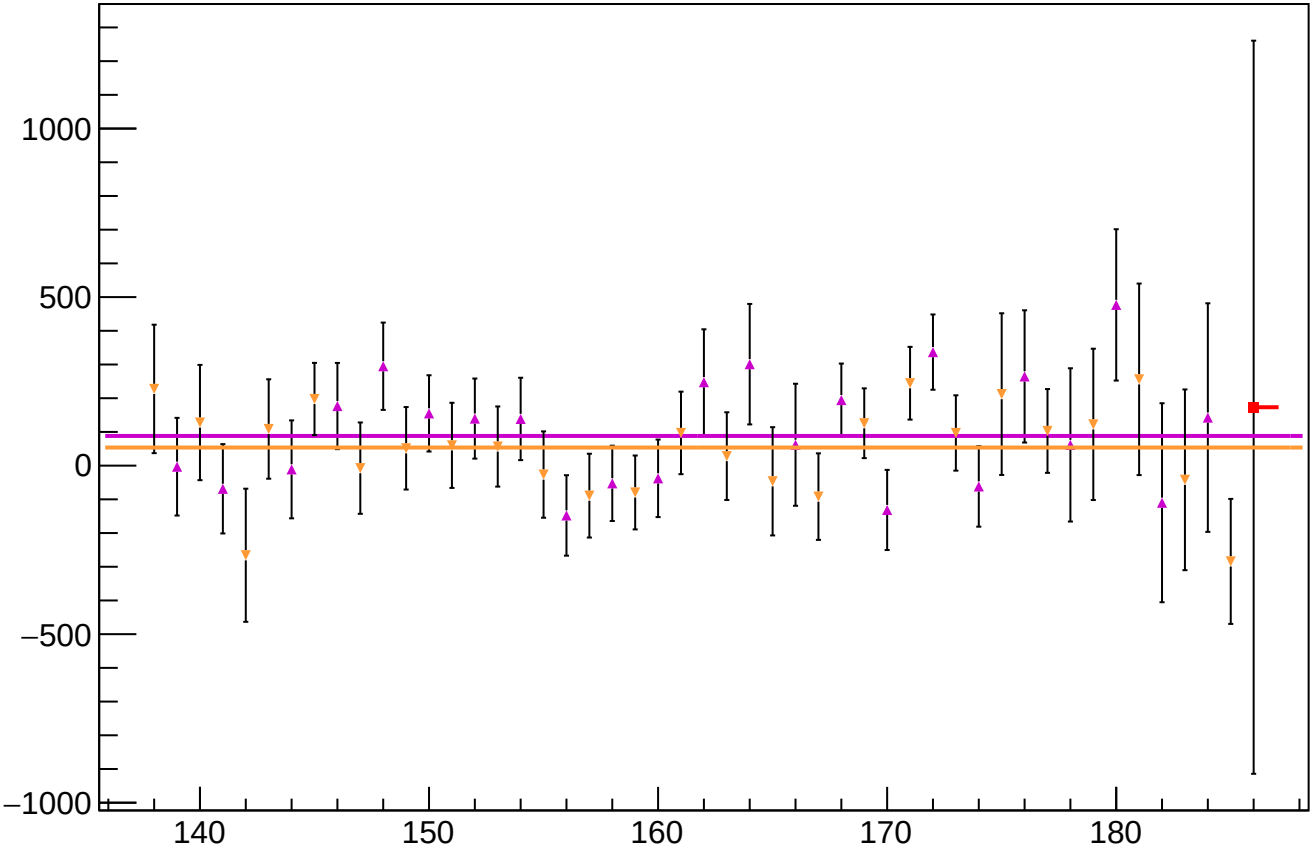
Right: 6342.458+/-7.393 χ^2/NDF: 0.0/0

In: 693.615+/-0.118 χ^2/NDF:520692.6/22

Out: 693.451+/-0.116 χ^2/NDF:1241594.3/25

All: 693.531+/-0.083 χ^2/NDF: 1762287.9/48

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 53.701+/-27.462 χ^2/NDF:19.2/24

Right Out: 173.249+/-1087.496 χ^2/NDF: 0.0/0

Left In: 88.085+/-28.764 χ^2/NDF:30.4/22

Left: 70.097+/-19.863 χ^2/NDF: 50.3/47

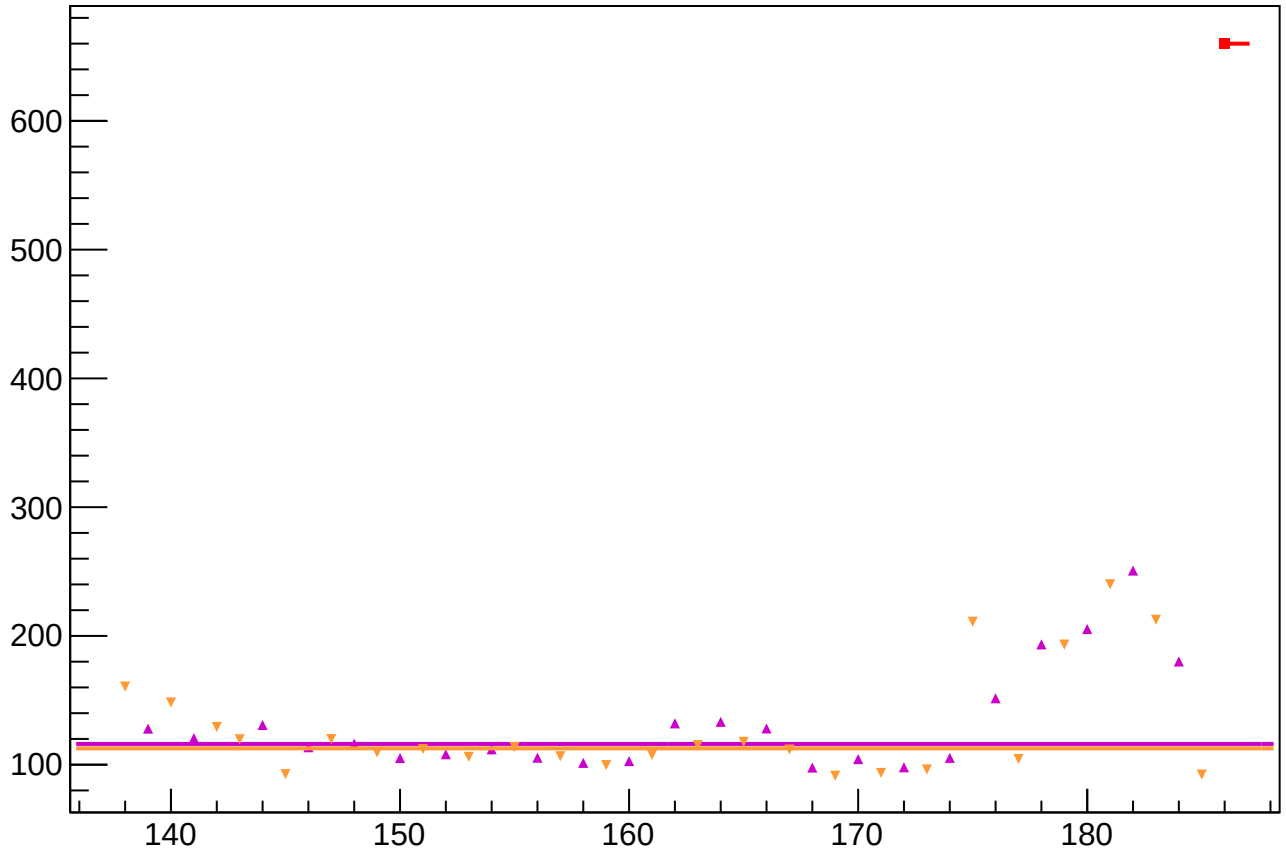
Right: 173.249+/-1087.496 χ^2/NDF: 0.0/0

In: 88.085+/-28.764 χ^2/NDF:30.4/22

Out: 53.777+/-27.453 χ^2/NDF:19.2/25

All: 70.132+/-19.859 χ^2/NDF: 50.3/48

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 112.668+/-0.019 χ^2/NDF:1851455.7/24

Right Out: 659.972+/-0.769 χ^2/NDF: 0.0/0

Left In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

Left: 114.308+/-0.014 χ^2/NDF: 3305297.3/47

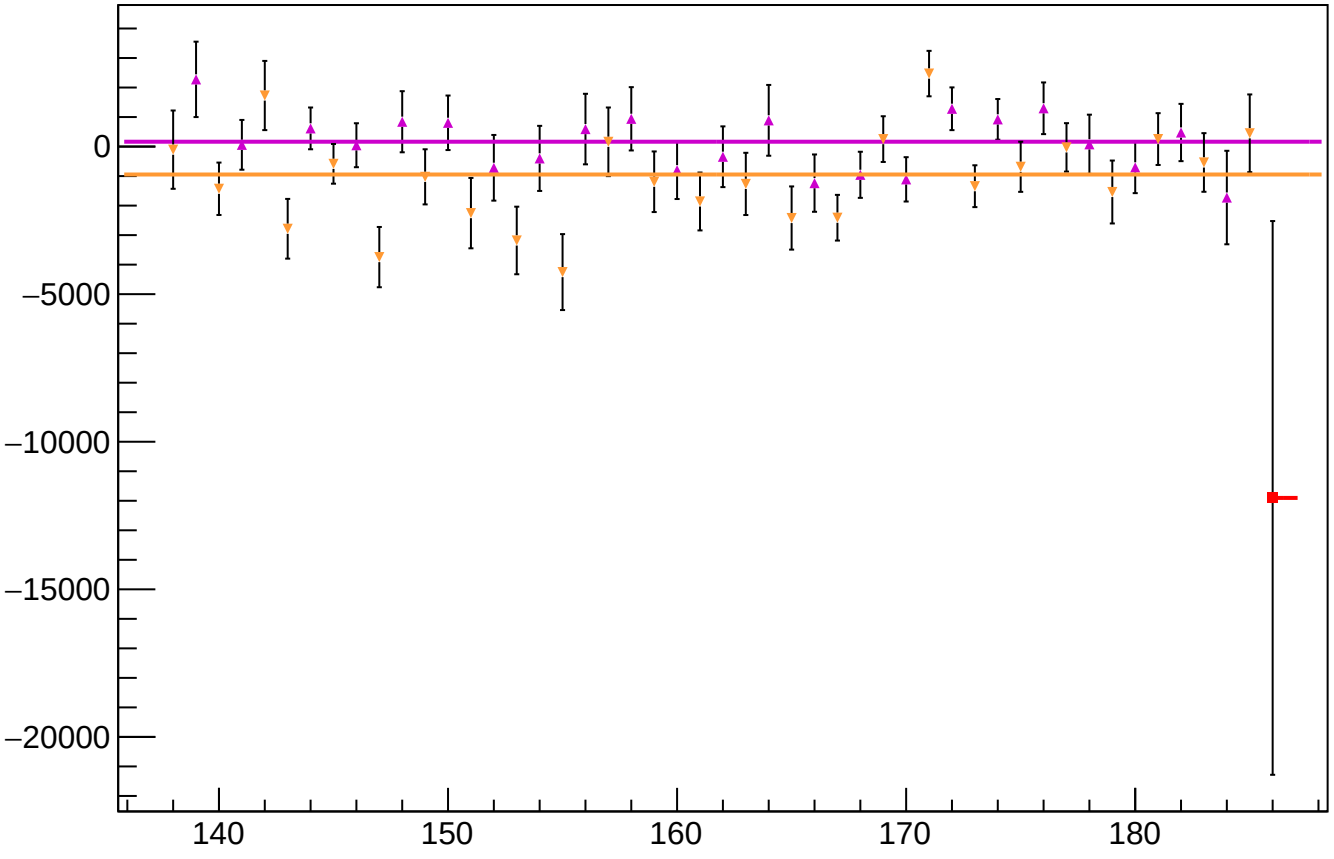
Right: 659.972+/-0.769 χ^2/NDF: 0.0/0

In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

Out: 113.017+/-0.019 χ^2/NDF:2357693.3/25

All: 114.490+/-0.014 χ^2/NDF: 3808658.1/48

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -946.412+/-188.668 χ^2/NDF:63.3/24

Right Out: -11903.398+/-9379.927 χ^2/NDF: 0.0/0

Left In: 164.202+/-191.131 χ^2/NDF:22.0/22

Left: -398.306+/-134.271 χ^2/NDF: 102.4/47

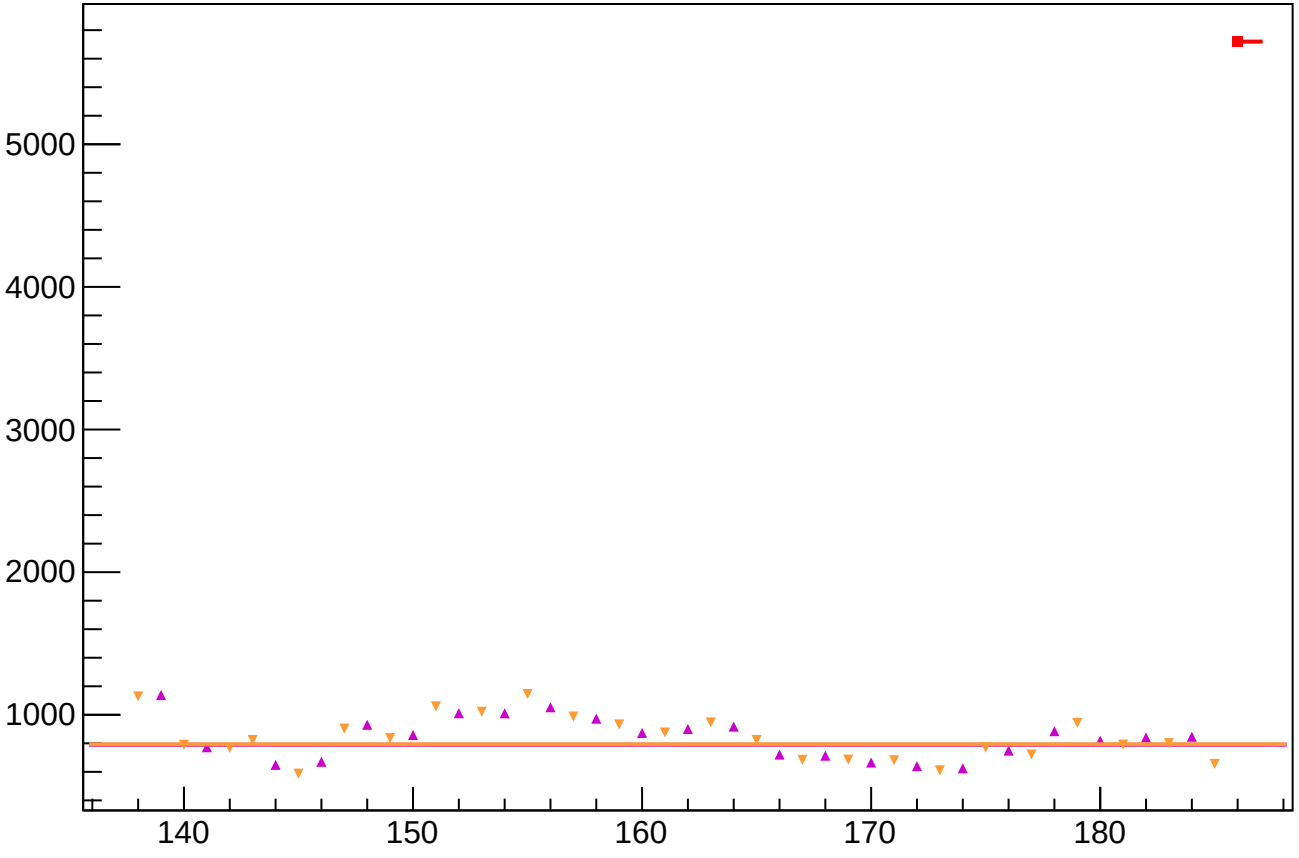
Right: -11903.398+/-9379.927 χ^2/NDF: 0.0/0

In: 164.202+/-191.131 χ^2/NDF:22.0/22

Out: -950.843+/-188.630 χ^2/NDF:64.7/25

All: -400.663+/-134.257 χ^2/NDF: 103.9/48

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 793.154+/-0.133 χ^2/NDF:1158856.1/24

Right Out: 5719.641+/-6.633 χ^2/NDF: 0.0/0

Left In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

Left: 791.449+/-0.095 χ^2/NDF: 2179146.2/47

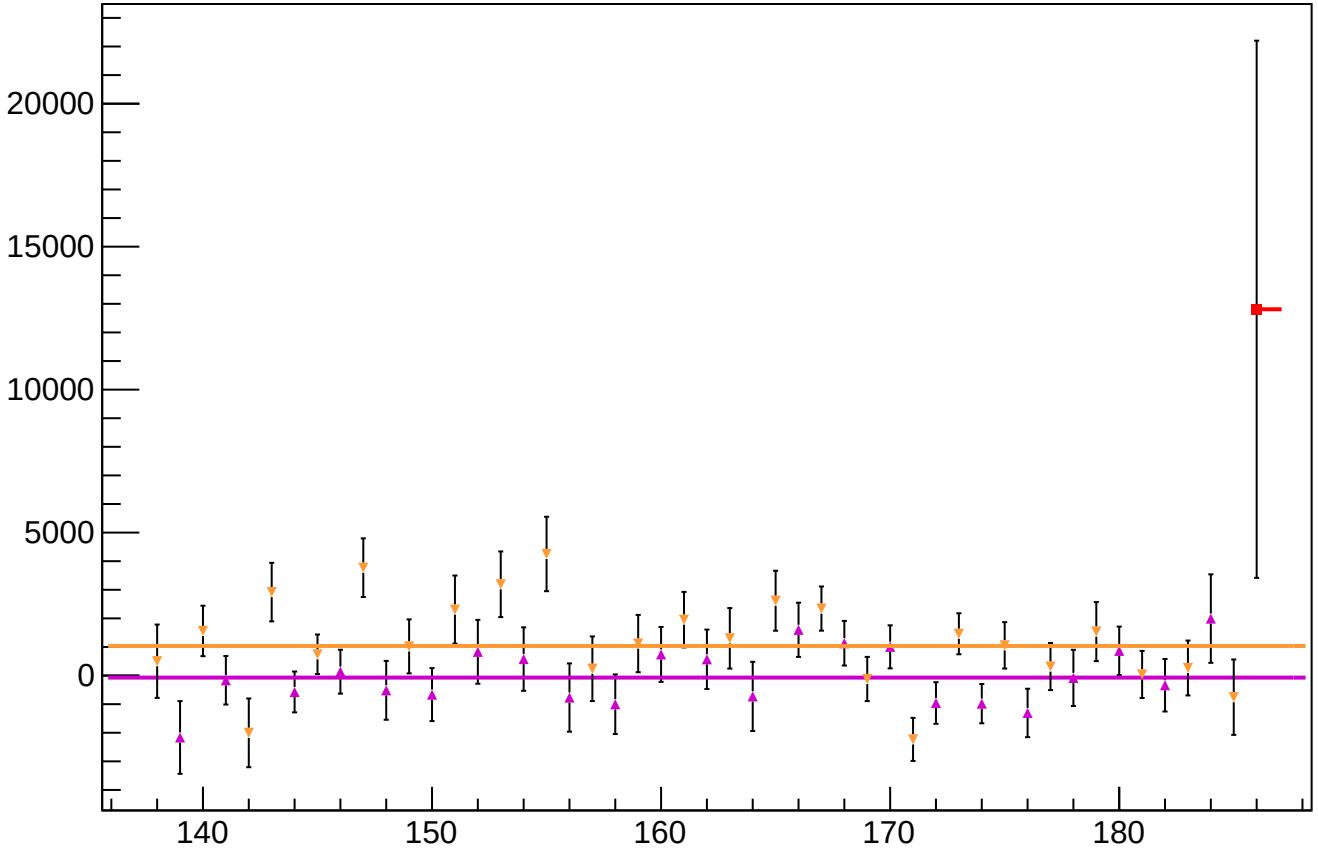
Right: 5719.641+/-6.633 χ^2/NDF: 0.0/0

In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

Out: 795.147+/-0.133 χ^2/NDF:1710336.5/25

All: 792.459+/-0.095 χ^2/NDF: 2731118.6/48

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1035.605+/-187.244 χ^2/NDF:61.4/24

Right Out: 12810.123+/-9393.692 χ^2/NDF: 0.0/0

Left In: -70.852+/-190.155 χ^2/NDF:23.4/22

Left: 490.913+/-133.419 χ^2/NDF: 101.9/47

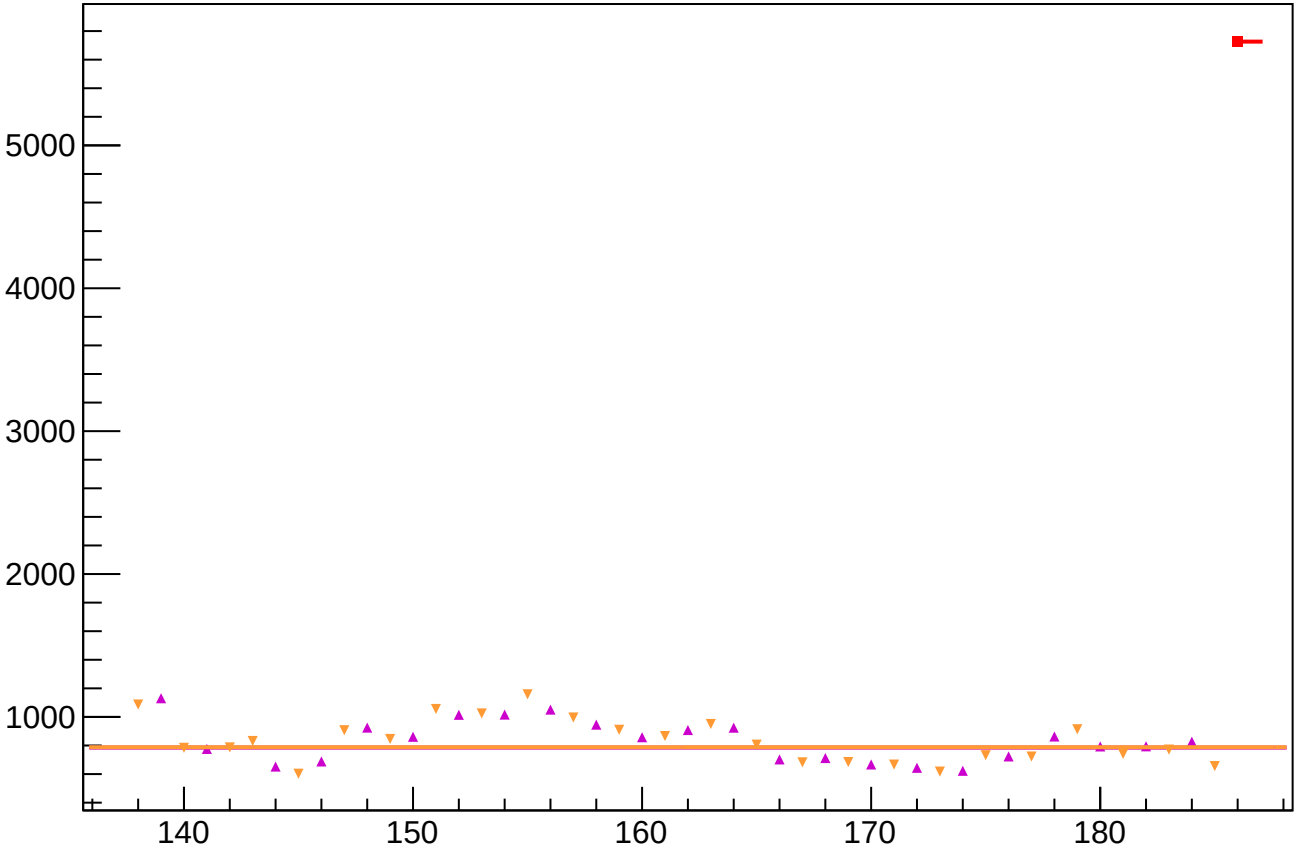
Right: 12810.123+/-9393.692 χ^2/NDF: 0.0/0

In: -70.852+/-190.155 χ^2/NDF:23.4/22

Out: 1040.281+/-187.206 χ^2/NDF:62.9/25

All: 493.398+/-133.405 χ^2/NDF: 103.7/48

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 787.981+/-0.132 χ^2/NDF:1113986.0/24

Right Out: 5726.201+/-6.642 χ^2/NDF: 0.0/0

Left In: 785.179+/-0.134 χ^2/NDF:976942.0/22

Left: 786.602+/-0.094 χ^2/NDF: 2091148.6/47

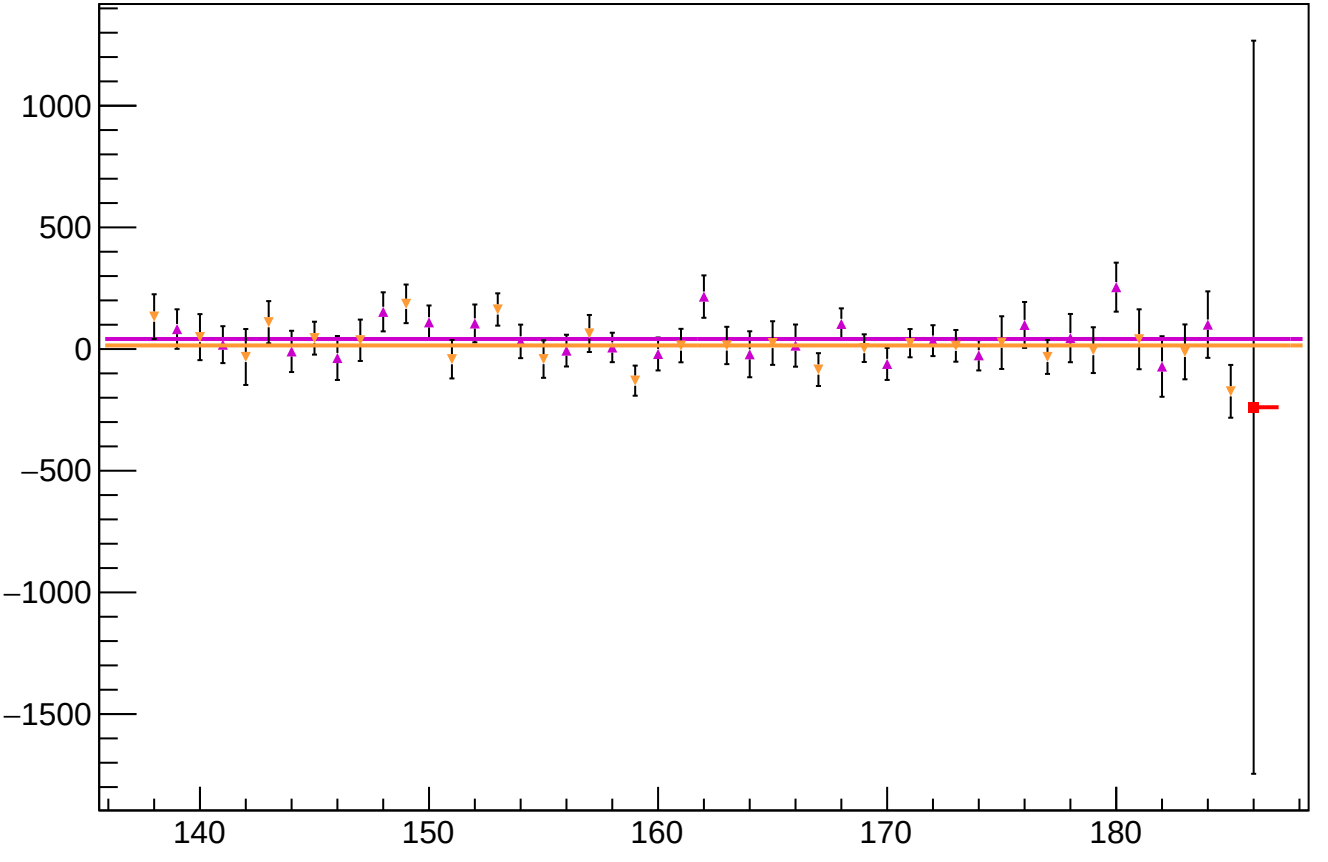
Right: 5726.201+/-6.642 χ^2/NDF: 0.0/0

In: 785.179+/-0.134 χ^2/NDF:976942.0/22

Out: 789.942+/-0.132 χ^2/NDF:1666477.5/25

All: 787.598+/-0.094 χ^2/NDF: 2644056.9/48

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 14.879+/-15.529 χ^2/NDF:25.8/24

Right Out: -239.061+/-1506.387 χ^2/NDF: 0.0/0

Left In: 41.428+/-16.130 χ^2/NDF:21.7/22

Left: 27.650+/-11.187 χ^2/NDF: 48.9/47

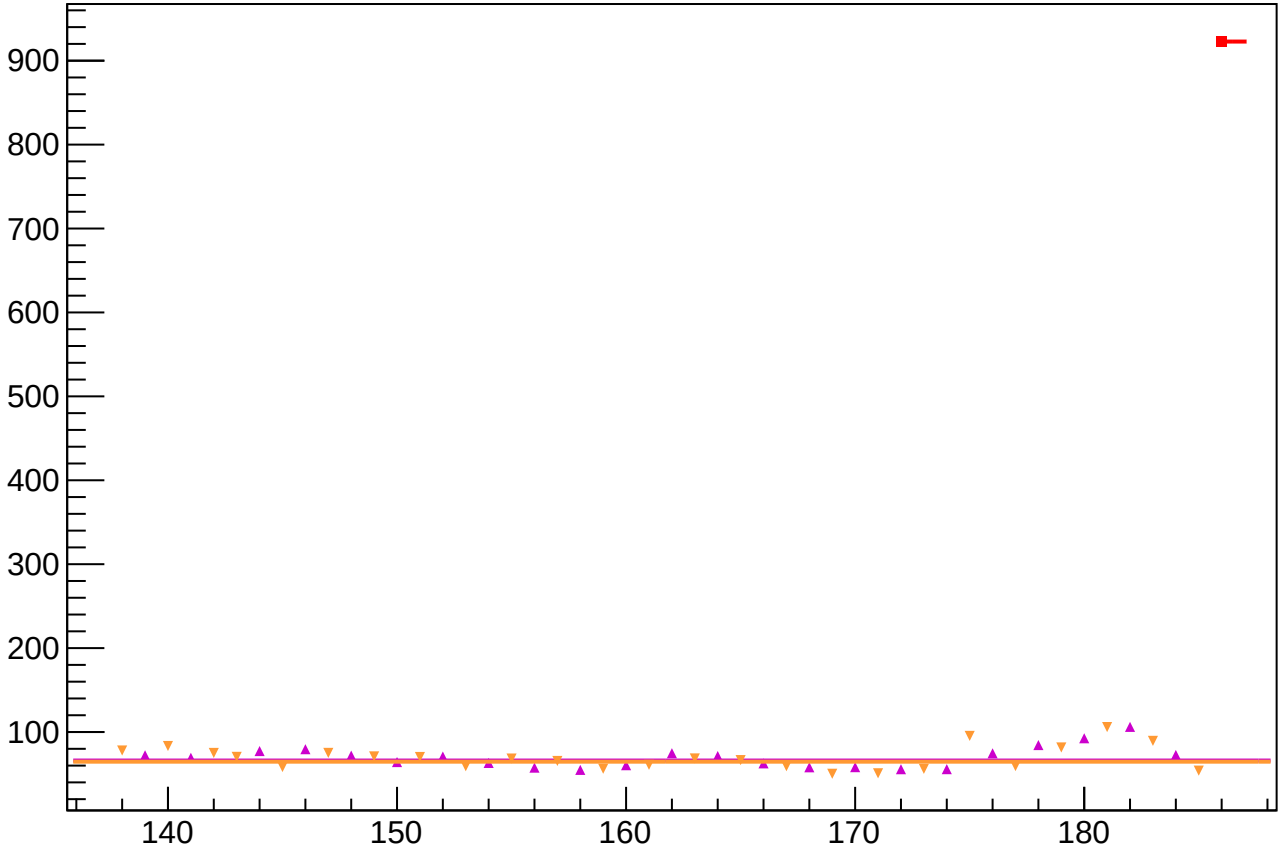
Right: -239.061+/-1506.387 χ^2/NDF: 0.0/0

In: 41.428+/-16.130 χ^2/NDF:21.7/22

Out: 14.852+/-15.529 χ^2/NDF:25.9/25

All: 27.635+/-11.187 χ^2/NDF: 49.0/48

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 64.680+/-0.011 χ^2/NDF:1150386.4/24

Right Out: 922.789+/-1.065 χ^2/NDF: 0.0/0

Left In: 66.016+/-0.011 χ^2/NDF:868433.2/22

Left: 65.322+/-0.008 χ^2/NDF: 2025941.7/47

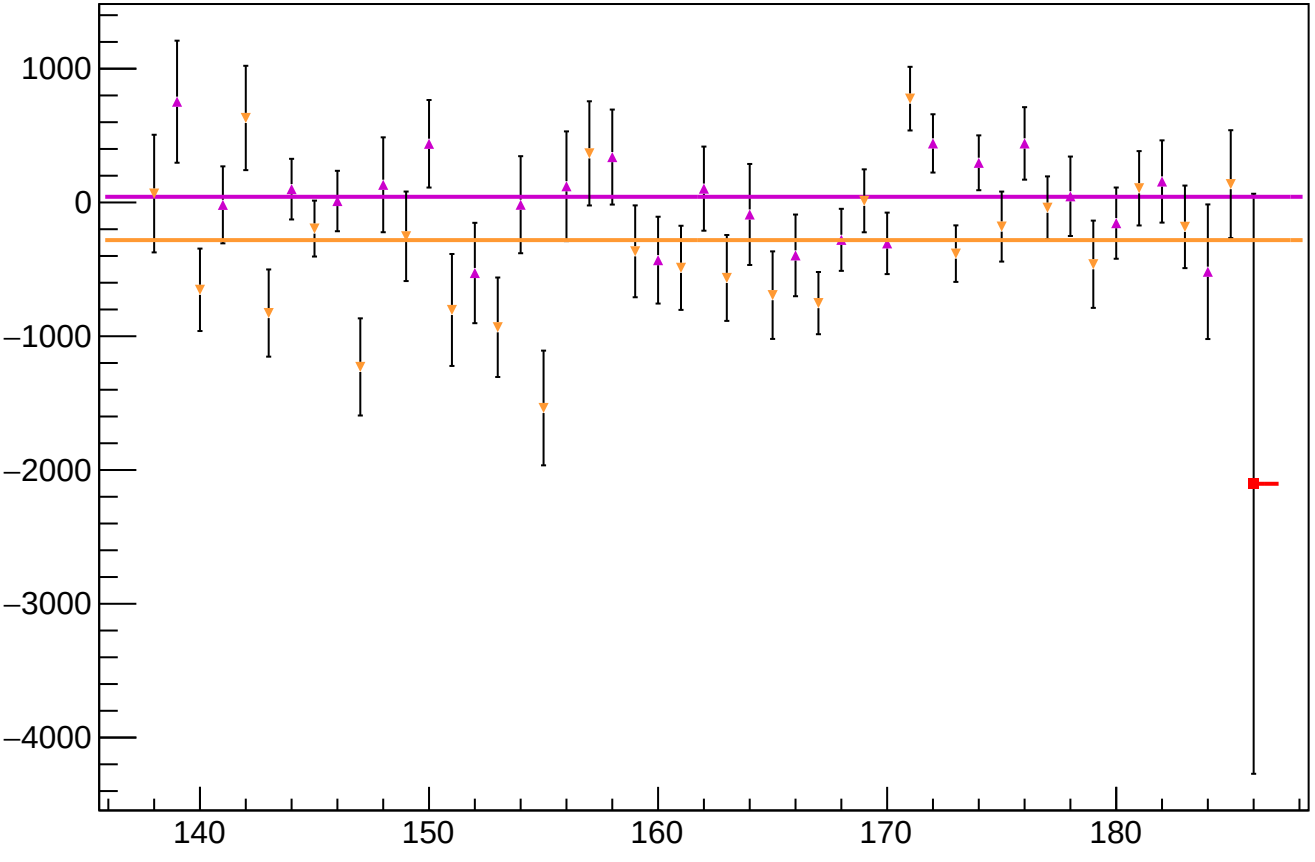
Right: 922.789+/-1.065 χ^2/NDF: 0.0/0

In: 66.016+/-0.011 χ^2/NDF:868433.2/22

Out: 64.771+/-0.011 χ^2/NDF:1799313.8/25

All: 65.370+/-0.008 χ^2/NDF: 2673930.5/48

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -281.407+/-59.534 χ^2/NDF:66.5/24

Right Out: -2102.942+/-2168.031 χ^2/NDF: 0.0/0

Left In: 42.368+/-60.284 χ^2/NDF:24.7/22

Left: -121.547+/-42.360 χ^2/NDF: 105.8/47

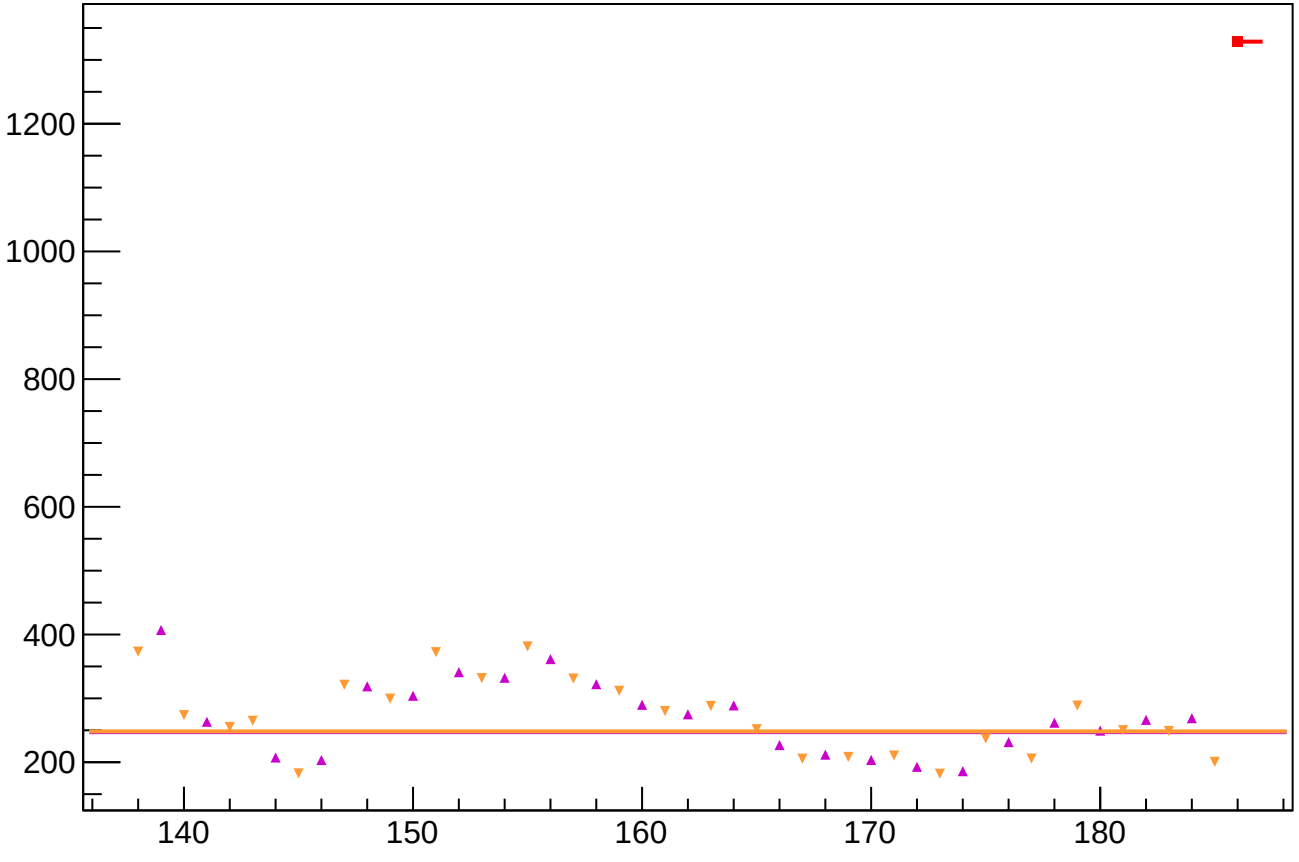
Right: -2102.942+/-2168.031 χ^2/NDF: 0.0/0

In: 42.368+/-60.284 χ^2/NDF:24.7/22

Out: -282.779+/-59.511 χ^2/NDF:67.2/25

All: -122.303+/-42.351 χ^2/NDF: 106.6/48

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 248.297+/-0.042 χ^2/NDF:1687698.9/24

Right Out: 1328.590+/-1.533 χ^2/NDF: 0.0/0

Left In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

Left: 247.709+/-0.030 χ^2/NDF: 3227424.3/47

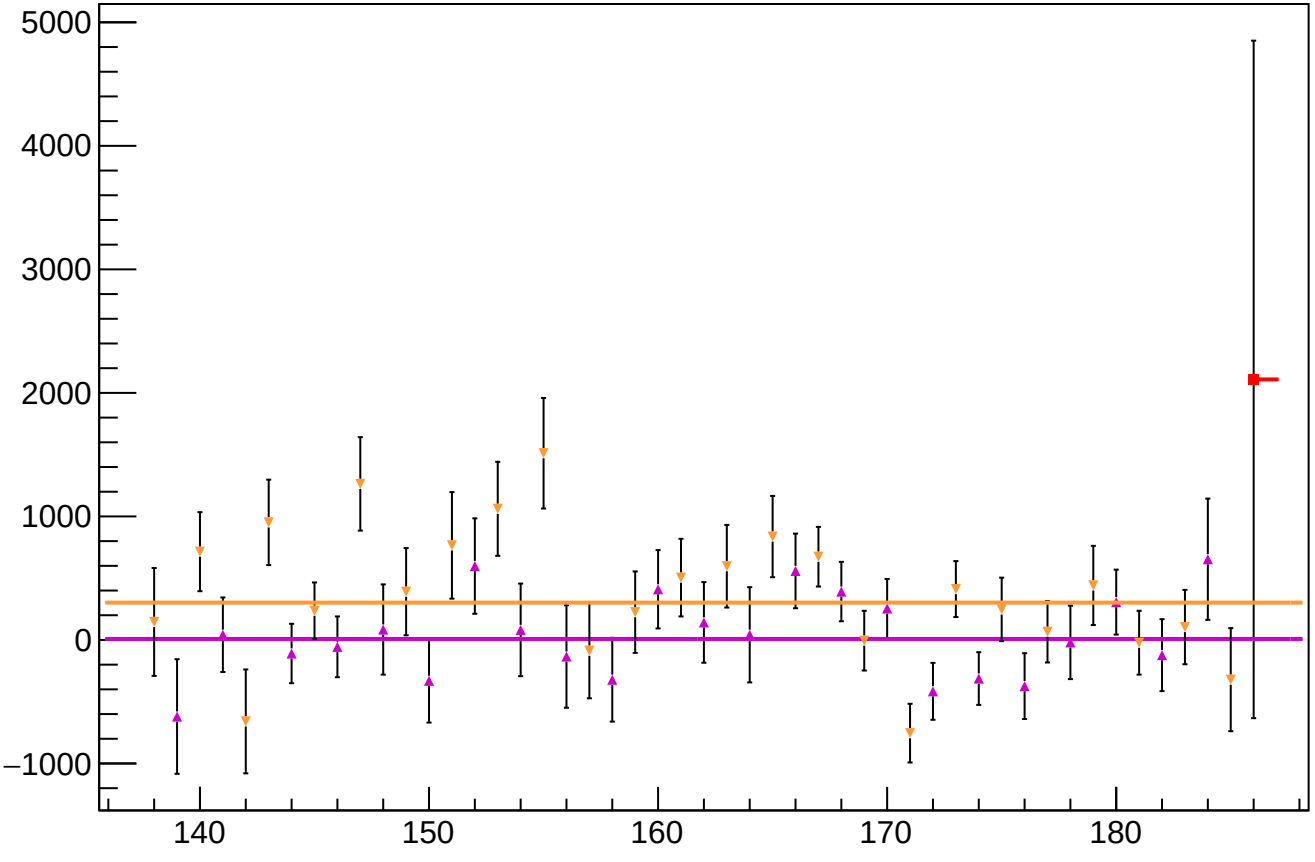
Right: 1328.590+/-1.533 χ^2/NDF: 0.0/0

In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

Out: 249.111+/-0.042 χ^2/NDF:2183897.2/25

All: 248.121+/-0.030 χ^2/NDF: 3724347.9/48

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 302.420+/-60.991 χ^2/NDF:63.8/24

Right Out: 2109.016+/-2742.402 χ^2/NDF: 0.0/0

Left In: 7.915+/-61.726 χ^2/NDF:26.3/22

Left: 156.931+/-43.384 χ^2/NDF: 101.6/47

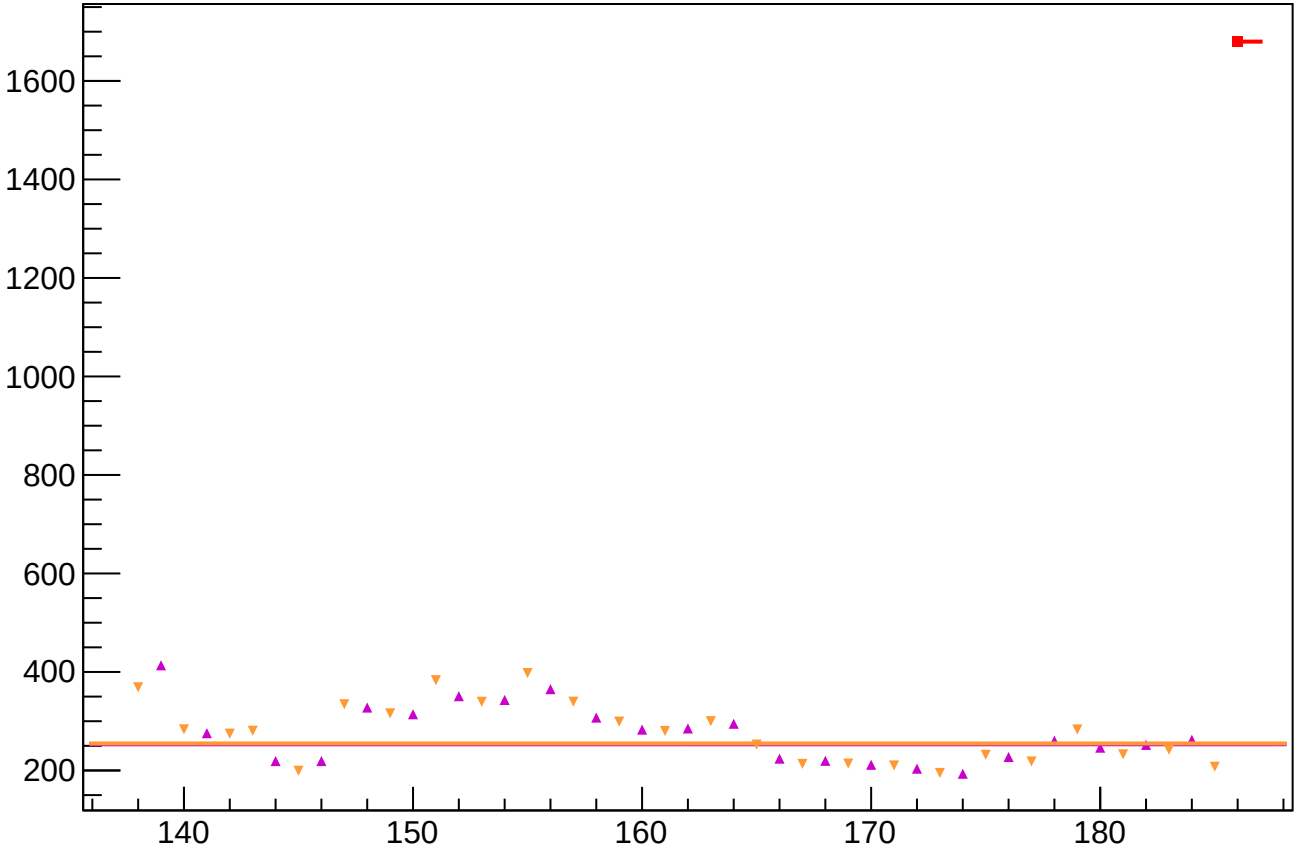
Right: 2109.016+/-2742.402 χ^2/NDF: 0.0/0

In: 7.915+/-61.726 χ^2/NDF:26.3/22

Out: 303.313+/-60.976 χ^2/NDF:64.3/25

All: 157.420+/-43.379 χ^2/NDF: 102.1/48

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 254.937+/-0.043 χ^2/NDF:1541708.7/24

Right Out: 1679.837+/-1.939 χ^2/NDF: 0.0/0

Left In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

Left: 254.064+/-0.031 χ^2/NDF: 2909065.8/47

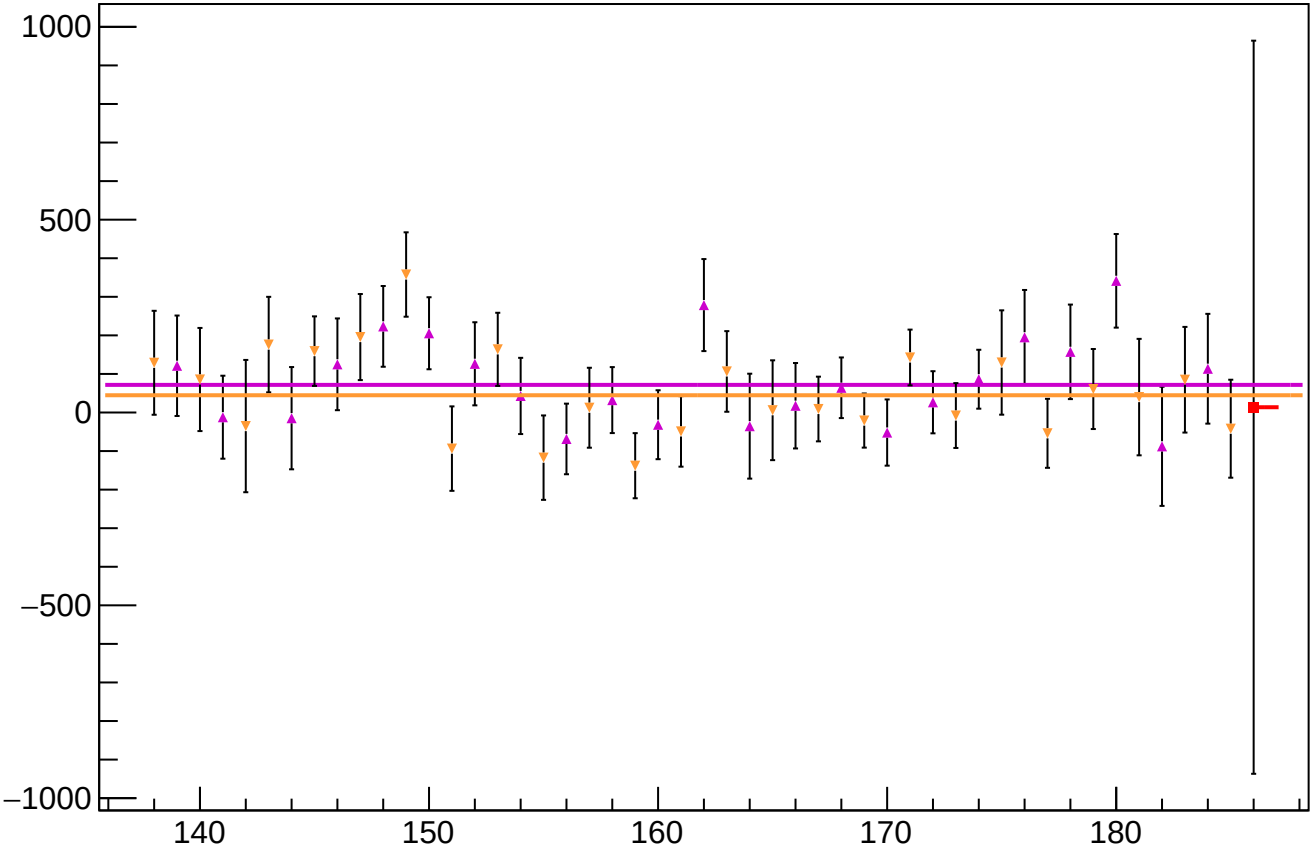
Right: 1679.837+/-1.939 χ^2/NDF: 0.0/0

In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

Out: 255.642+/-0.043 χ^2/NDF:2081370.4/25

All: 254.421+/-0.031 χ^2/NDF: 3449521.0/48

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 44.746+/-20.460 χ^2/NDF:30.5/24

Right Out: 13.660+/-950.509 χ^2/NDF: 0.0/0

Left In: 71.620+/-21.469 χ^2/NDF:23.7/22

Left: 57.537+/-14.811 χ^2/NDF: 55.0/47

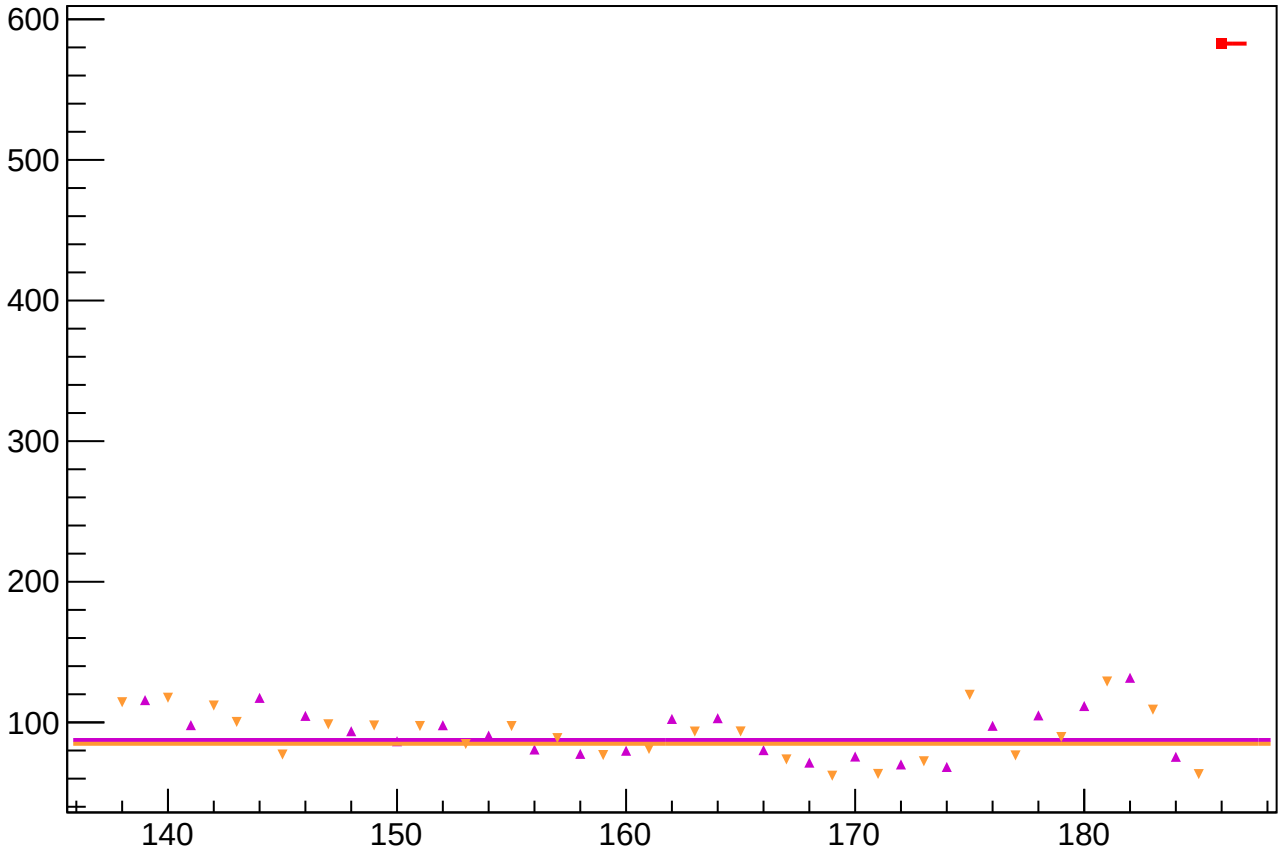
Right: 13.660+/-950.509 χ^2/NDF: 0.0/0

In: 71.620+/-21.469 χ^2/NDF:23.7/22

Out: 44.732+/-20.455 χ^2/NDF:30.6/25

All: 57.526+/-14.809 χ^2/NDF: 55.0/48

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 84.793+/-0.014 χ^2/NDF:1382881.3/24

Right Out: 582.703+/-0.672 χ^2/NDF: 0.0/0

Left In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

Left: 86.070+/-0.010 χ^2/NDF: 2455720.1/47

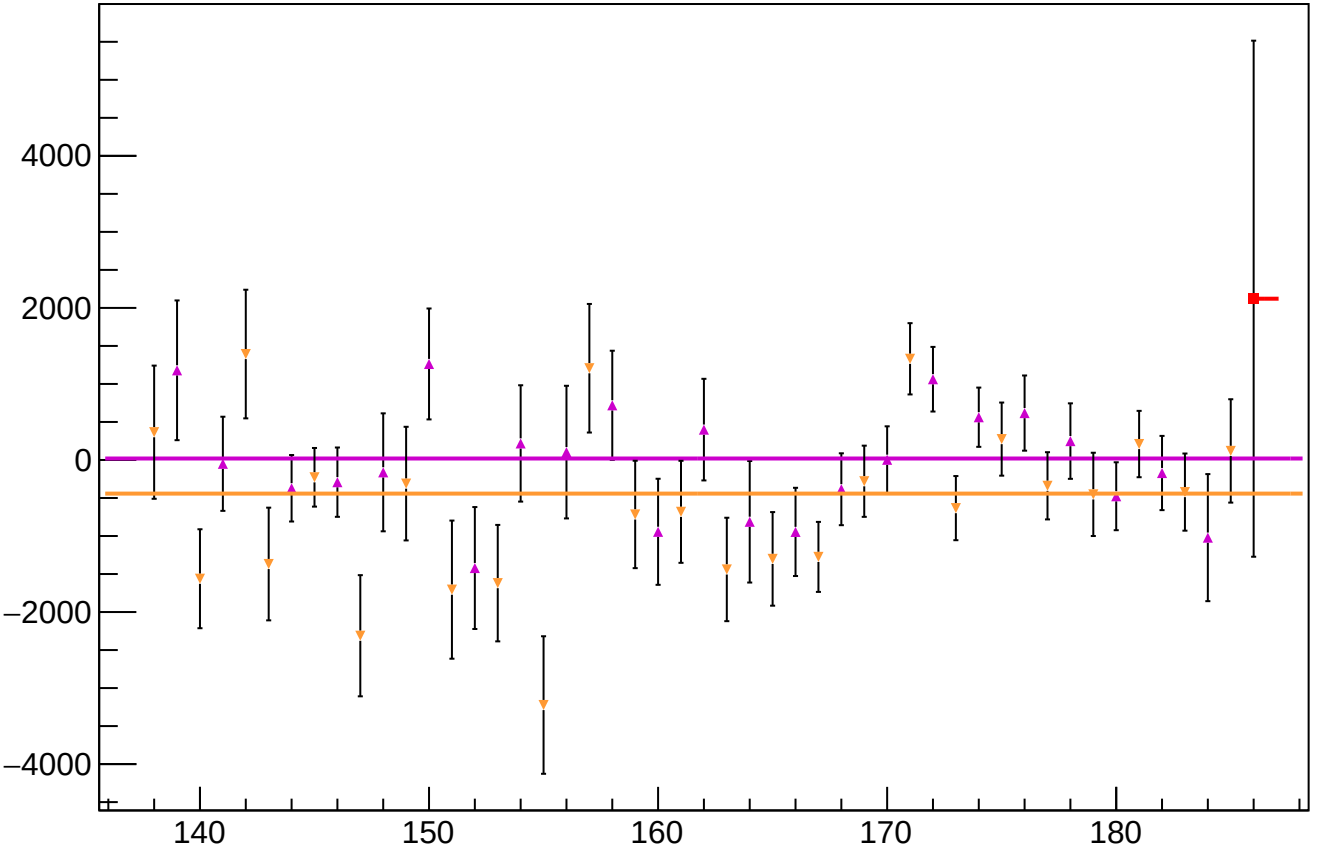
Right: 582.703+/-0.672 χ^2/NDF: 0.0/0

In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

Out: 85.023+/-0.014 χ^2/NDF:1931433.8/25

All: 86.191+/-0.010 χ^2/NDF: 3001581.2/48

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -442.284+/-115.425 χ^2/NDF:60.9/24

Right Out: 2121.147+/-3393.869 χ^2/NDF: 0.0/0

Left In: 19.322+/-116.820 χ^2/NDF:29.5/22

Left: -214.255+/-82.107 χ^2/NDF: 98.3/47

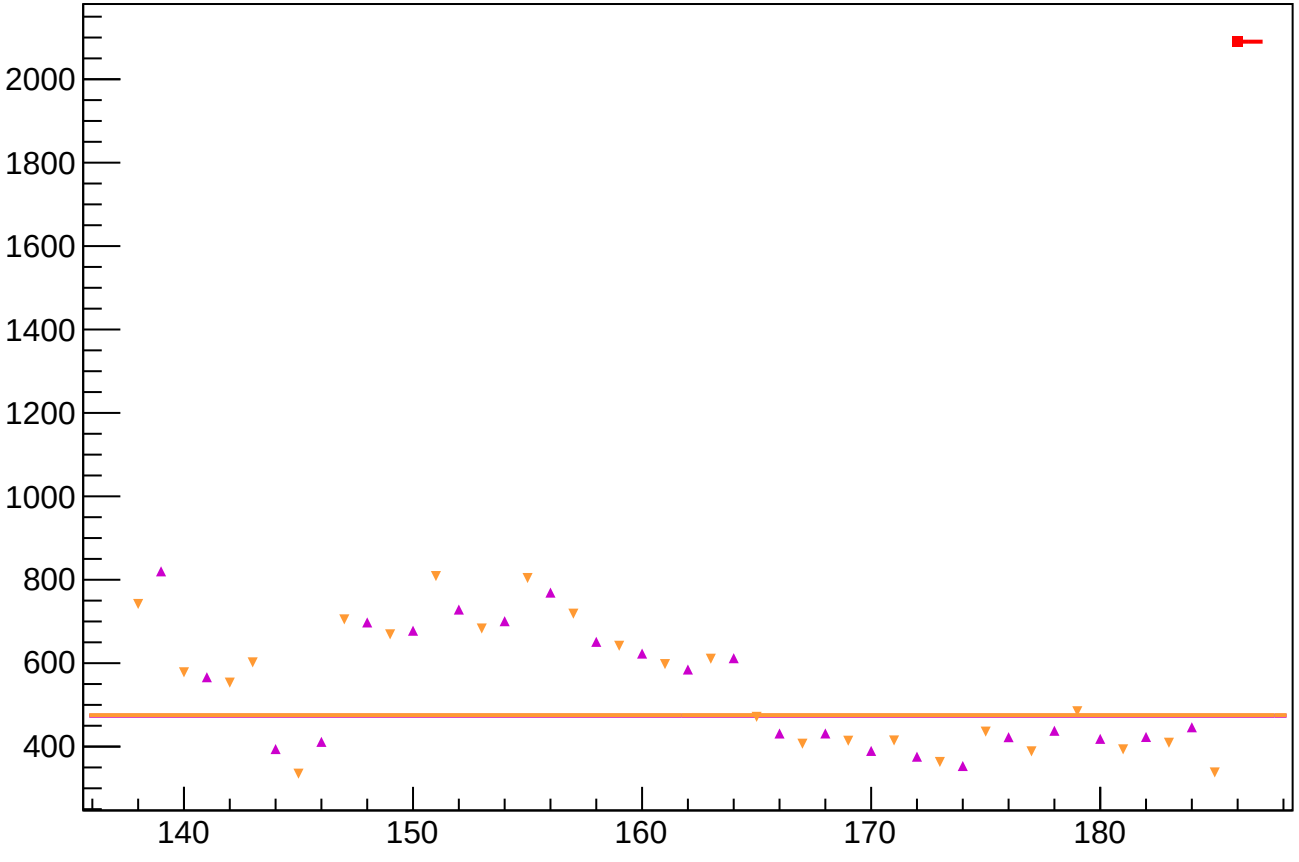
Right: 2121.147+/-3393.869 χ^2/NDF: 0.0/0

In: 19.322+/-116.820 χ^2/NDF:29.5/22

Out: -439.323+/-115.358 χ^2/NDF:61.5/25

All: -212.889+/-82.083 χ^2/NDF: 98.8/48

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 475.415+/-0.082 χ^2/NDF:2509706.1/24

Right Out: 2090.085+/-2.400 χ^2/NDF: 0.0/0

Left In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

Left: 474.690+/-0.058 χ^2/NDF: 4684342.6/47

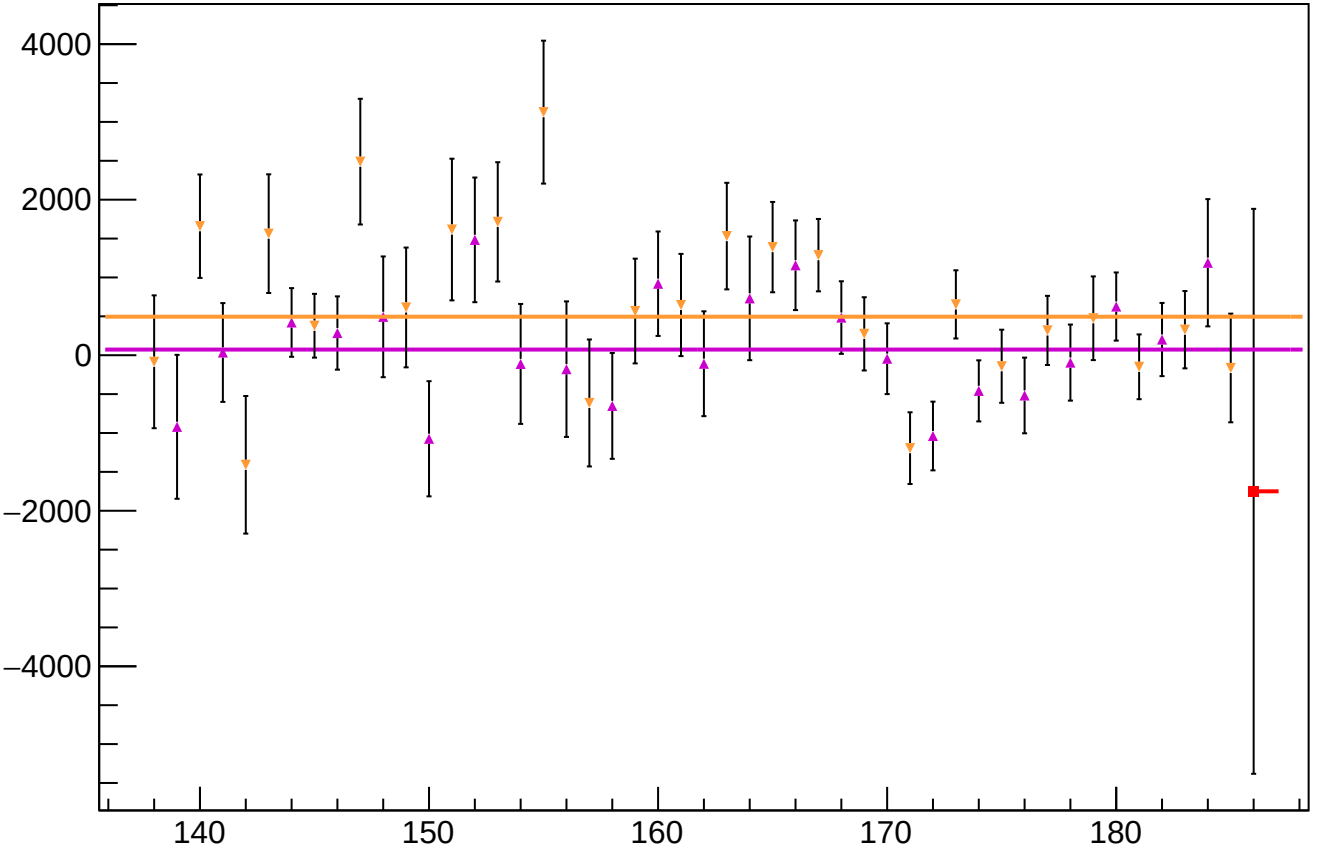
Right: 2090.085+/-2.400 χ^2/NDF: 0.0/0

In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

Out: 477.281+/-0.082 χ^2/NDF:2961879.7/25

All: 475.635+/-0.058 χ^2/NDF: 5137181.1/48

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 495.259+/-115.521 χ^2/NDF:57.2/24

Right Out: -1750.016+/-3632.106 χ^2/NDF: 0.0/0

Left In: 72.627+/-116.927 χ^2/NDF:29.1/22

Left: 286.499+/-82.178 χ^2/NDF: 92.8/47

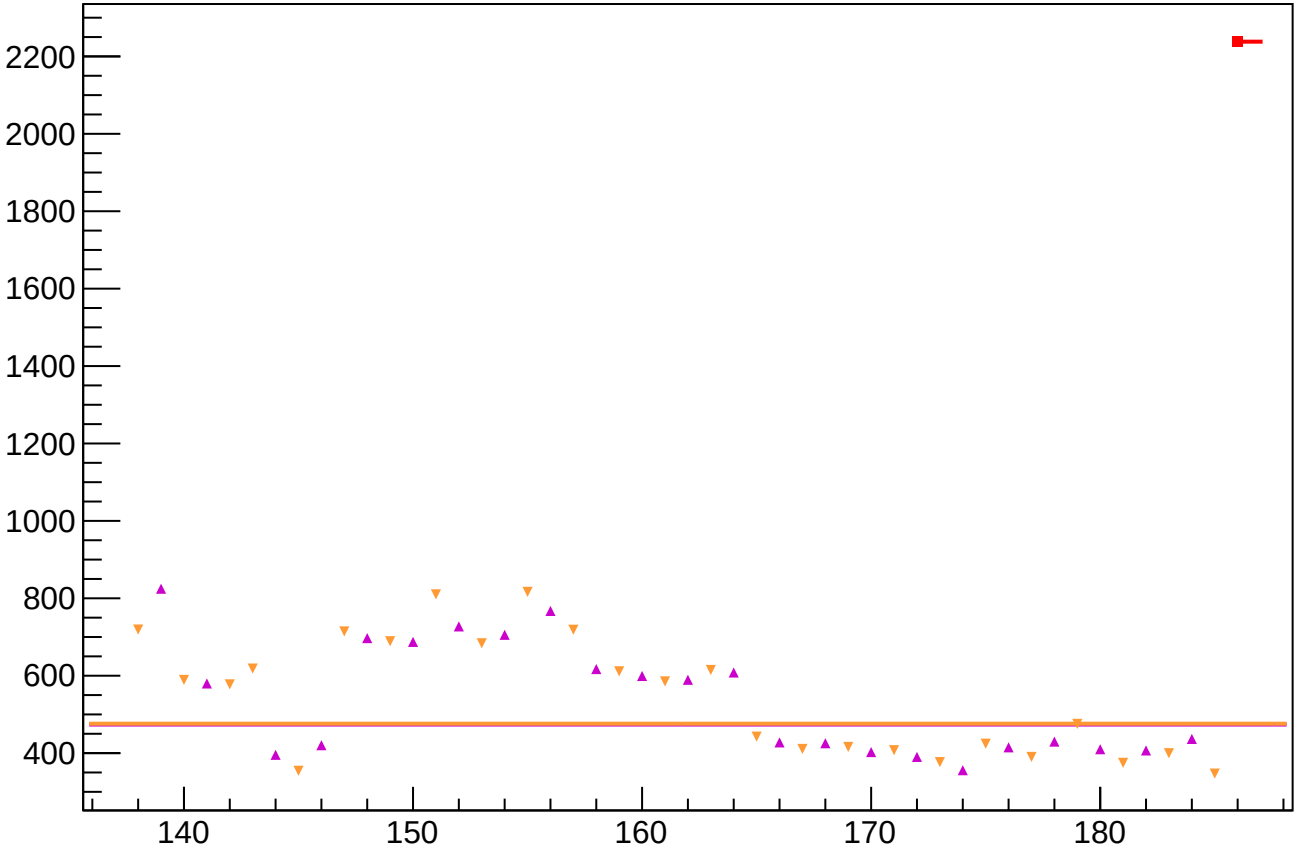
Right: -1750.016+/-3632.106 χ^2/NDF: 0.0/0

In: 72.627+/-116.927 χ^2/NDF:29.1/22

Out: 492.990+/-115.463 χ^2/NDF:57.6/25

All: 285.457+/-82.157 χ^2/NDF: 93.2/48

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 476.057+/-0.082 χ^2/NDF:2461838.6/24

Right Out: 2238.098+/-2.568 χ^2/NDF: 0.0/0

Left In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

Left: 474.954+/-0.058 χ^2/NDF: 4575960.9/47

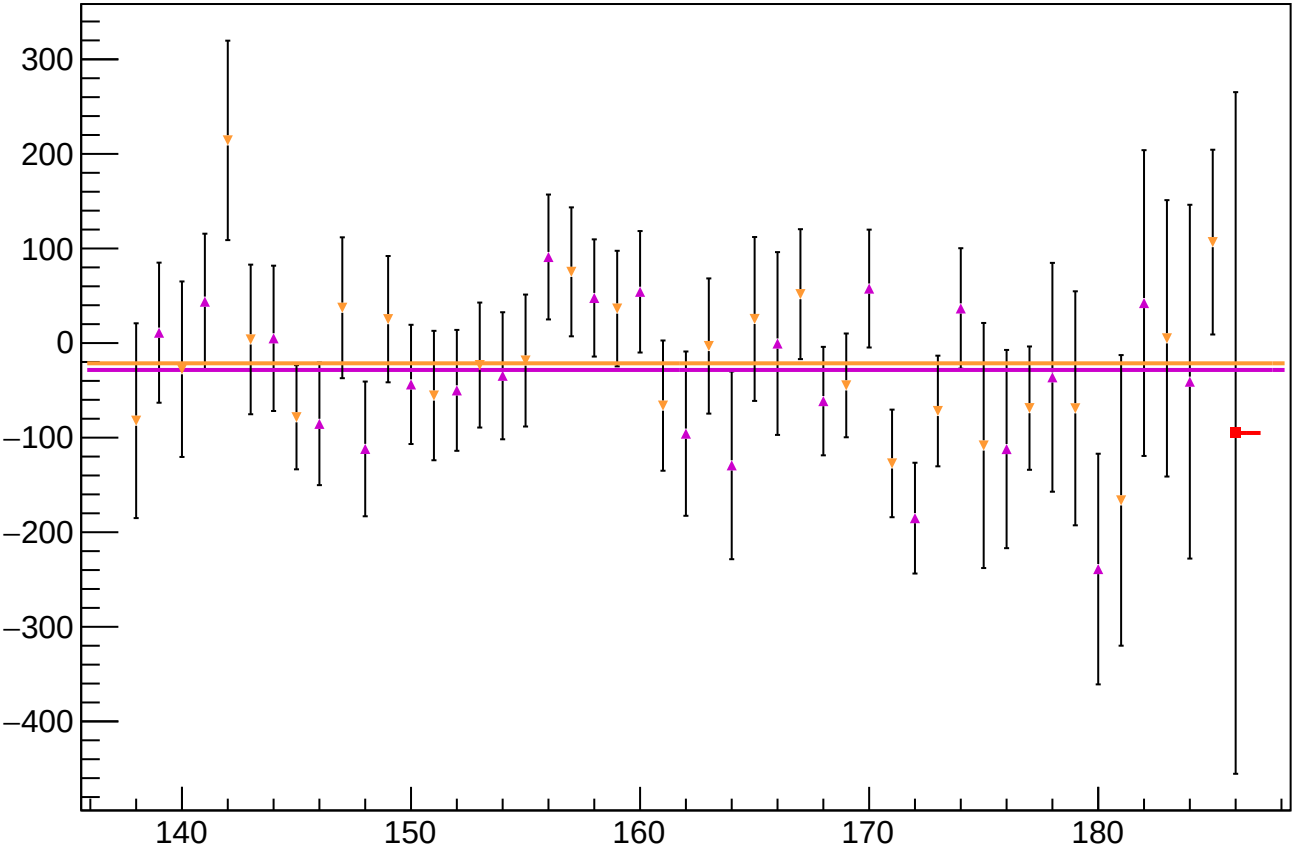
Right: 2238.098+/-2.568 χ^2/NDF: 0.0/0

In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

Out: 477.837+/-0.082 χ^2/NDF:2932064.0/25

All: 475.856+/-0.058 χ^2/NDF: 5047010.3/48

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -21.397+/-14.800 χ^2/NDF:20.9/24

Right Out: -95.055+/-360.357 χ^2/NDF: 0.0/0

Left In: -28.435+/-15.494 χ^2/NDF:26.2/22

Left: -24.755+/-10.702 χ^2/NDF: 47.2/47

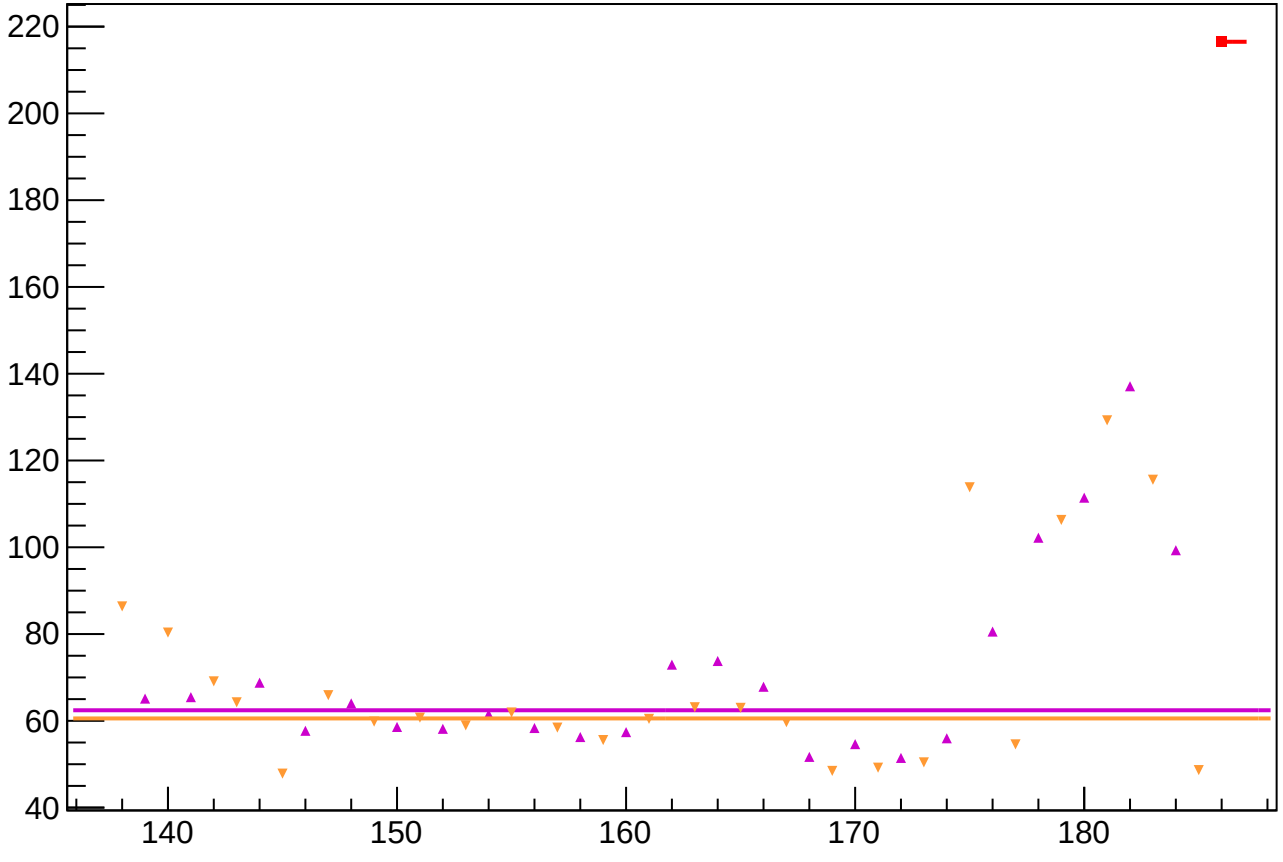
Right: -95.055+/-360.357 χ^2/NDF: 0.0/0

In: -28.435+/-15.494 χ^2/NDF:26.2/22

Out: -21.521+/-14.787 χ^2/NDF:20.9/25

All: -24.817+/-10.697 χ^2/NDF: 47.2/48

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 60.551+/-0.010 χ^2/NDF:1951663.1/24

Right Out: 216.507+/-0.255 χ^2/NDF: 0.0/0

Left In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

Left: 61.450+/-0.008 χ^2/NDF: 3412871.1/47

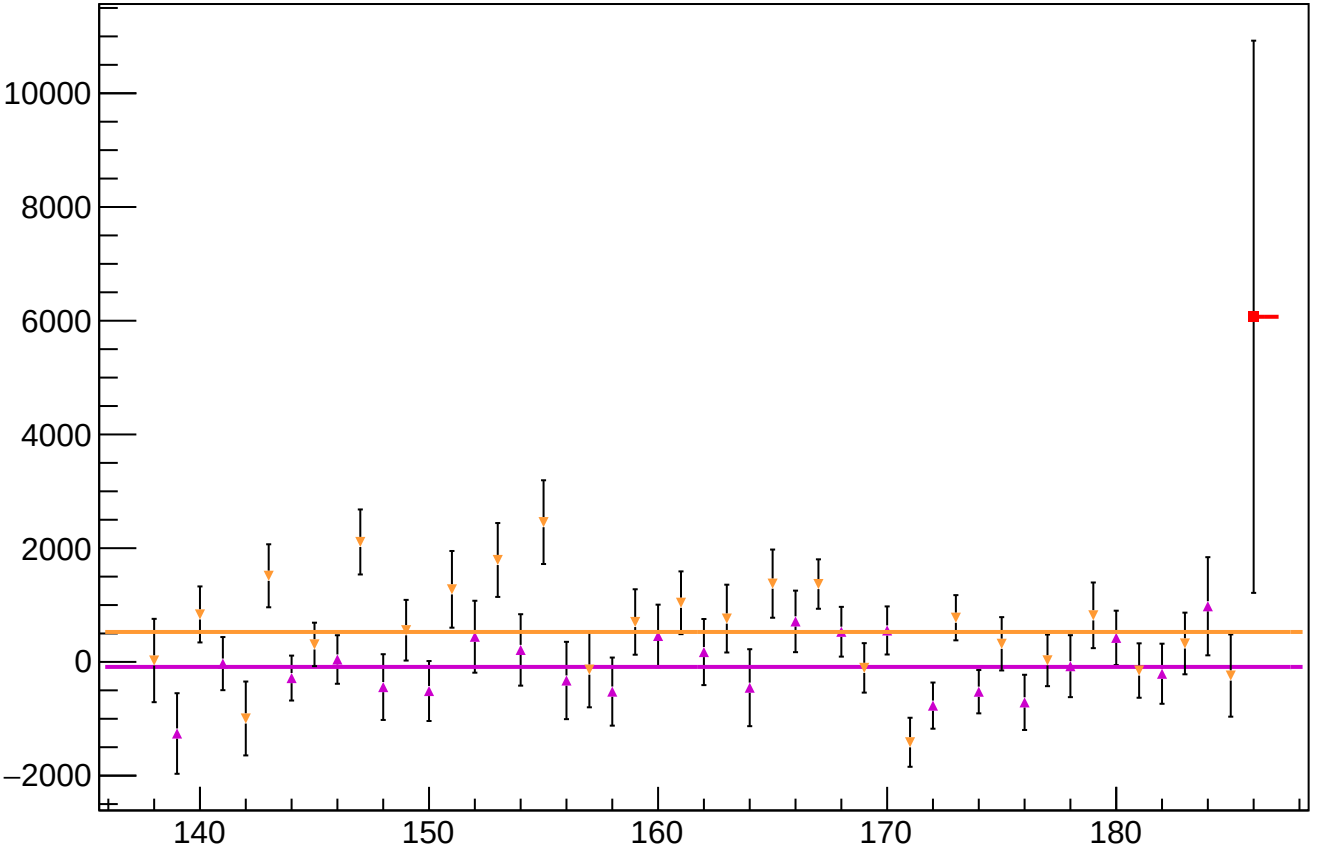
Right: 216.507+/-0.255 χ^2/NDF: 0.0/0

In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

Out: 60.813+/-0.010 χ^2/NDF:2325635.6/25

All: 61.586+/-0.008 χ^2/NDF: 3782843.0/48

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 526.705+/-105.414 χ^2/NDF:65.0/24

Right Out: 6069.458+/-4855.529 χ^2/NDF: 0.0/0

Left In: -87.989+/-106.843 χ^2/NDF:22.1/22

Left: 223.494+/-75.039 χ^2/NDF: 103.9/47

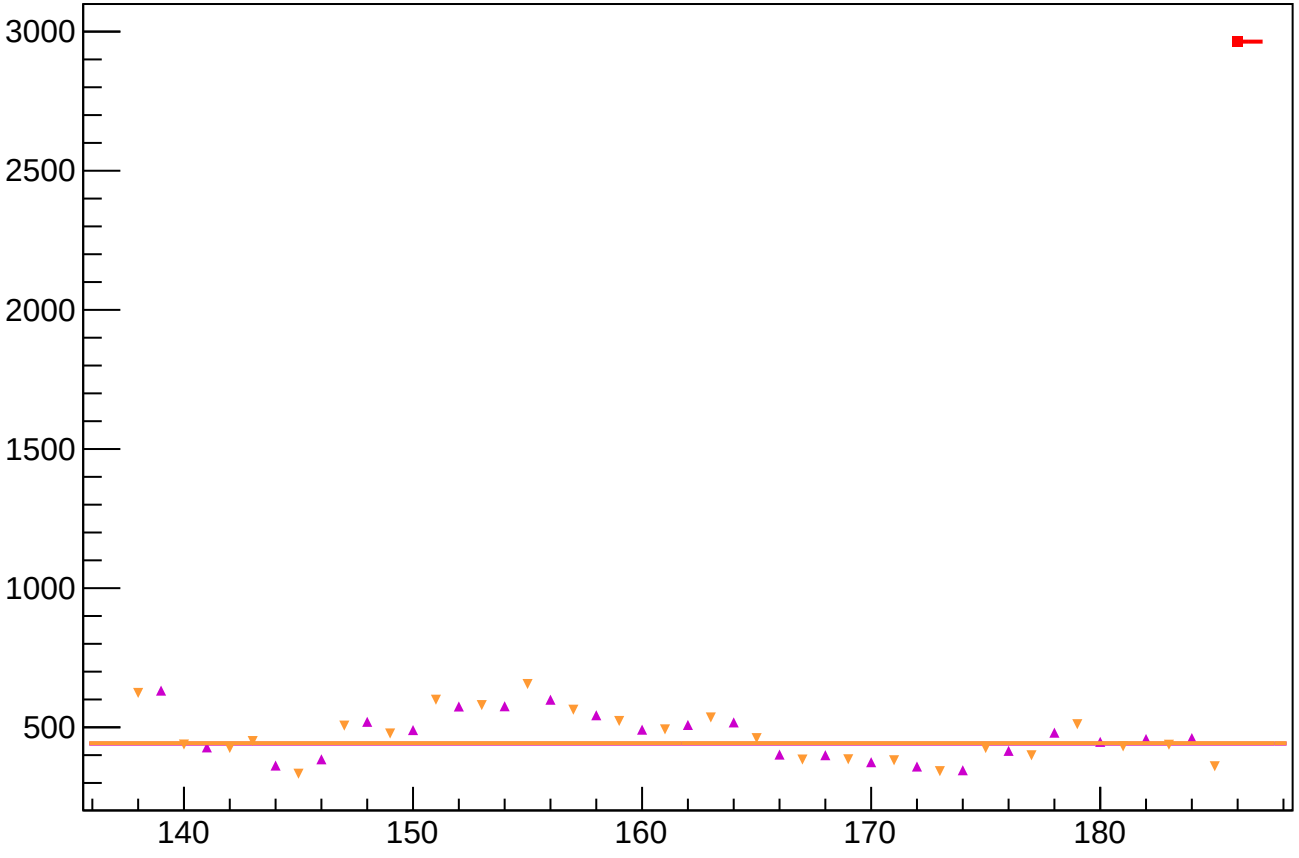
Right: 6069.458+/-4855.529 χ^2/NDF: 0.0/0

In: -87.989+/-106.843 χ^2/NDF:22.1/22

Out: 529.317+/-105.390 χ^2/NDF:66.3/25

All: 224.890+/-75.030 χ^2/NDF: 105.4/48

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 443.031+/-0.075 χ^2/NDF:1171662.6/24

Right Out: 2963.972+/-3.433 χ^2/NDF: 0.0/0

Left In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

Left: 442.206+/-0.053 χ^2/NDF: 2207750.3/47

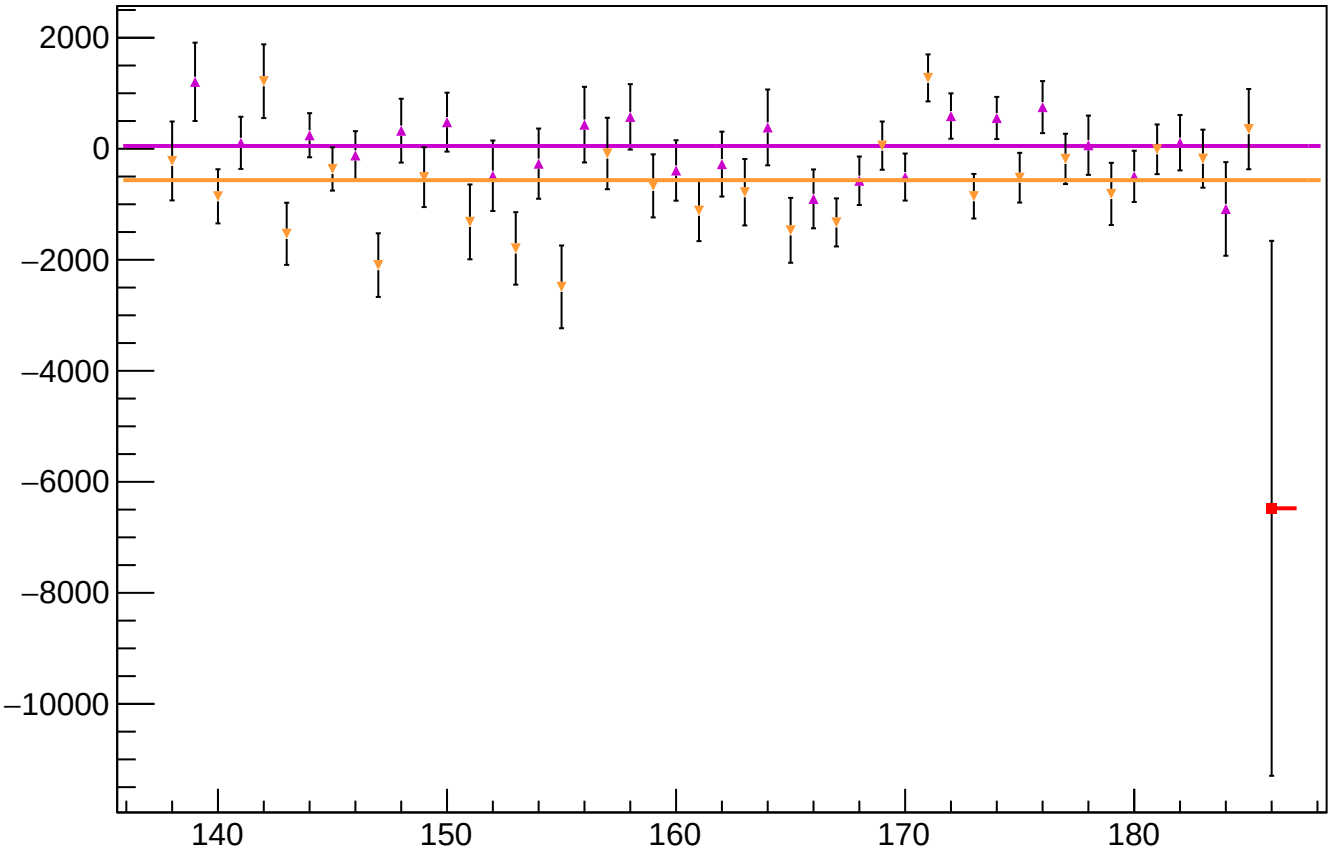
Right: 2963.972+/-3.433 χ^2/NDF: 0.0/0

In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

Out: 444.219+/-0.075 χ^2/NDF:1710524.3/25

All: 442.809+/-0.053 χ^2/NDF: 2747090.2/48

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -565.545+/-104.460 χ^2/NDF:62.9/24

Right Out: -6476.893+/-4818.554 χ^2/NDF: 0.0/0

Left In: 50.387+/-106.218 χ^2/NDF:23.3/22

Left: -262.717+/-74.478 χ^2/NDF: 103.3/47

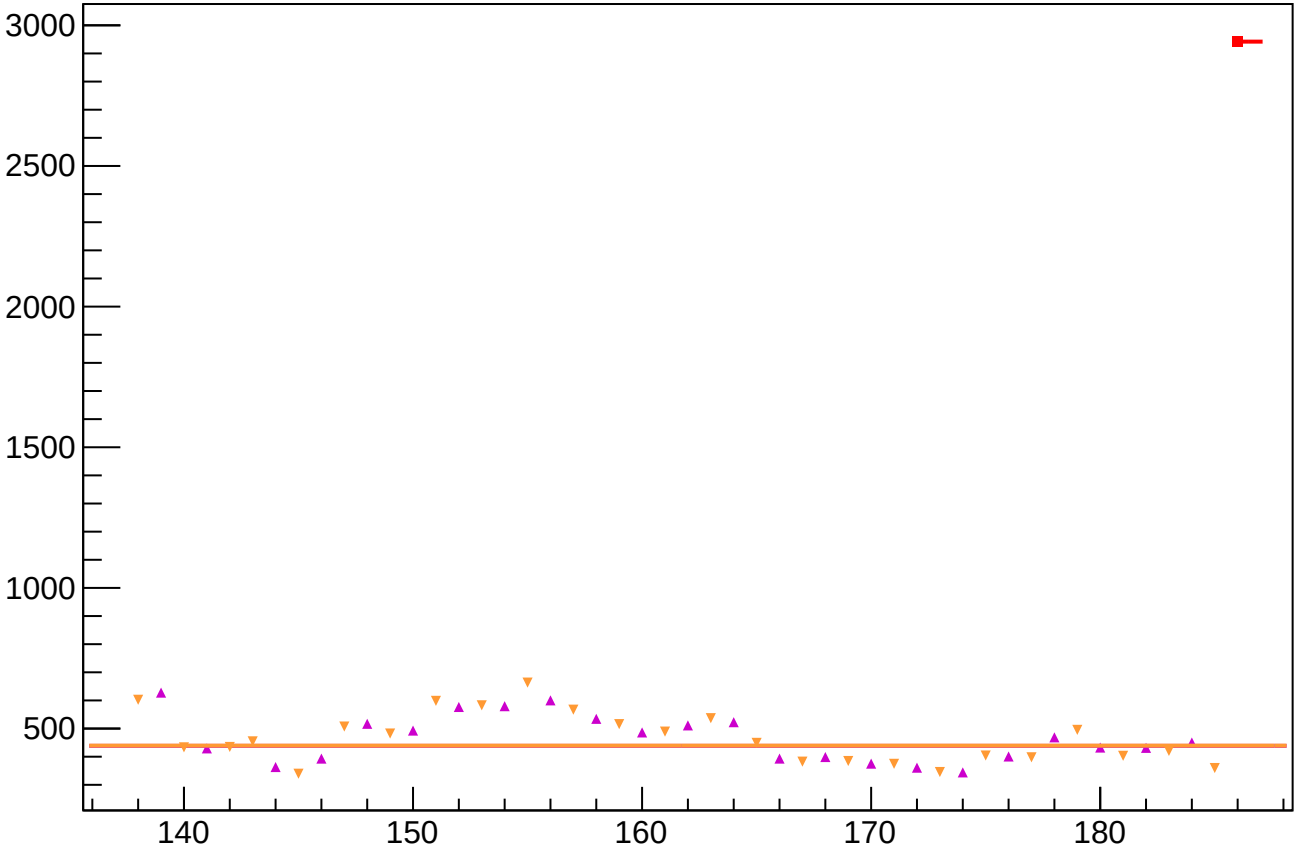
Right: -6476.893+/-4818.554 χ^2/NDF: 0.0/0

In: 50.387+/-106.218 χ^2/NDF:23.3/22

Out: -568.321+/-104.436 χ^2/NDF:64.4/25

All: -264.201+/-74.469 χ^2/NDF: 105.0/48

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 439.314+/-0.074 χ^2/NDF:1164031.3/24

Right Out: 2942.010+/-3.407 χ^2/NDF: 0.0/0

Left In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

Left: 438.847+/-0.053 χ^2/NDF: 2188773.6/47

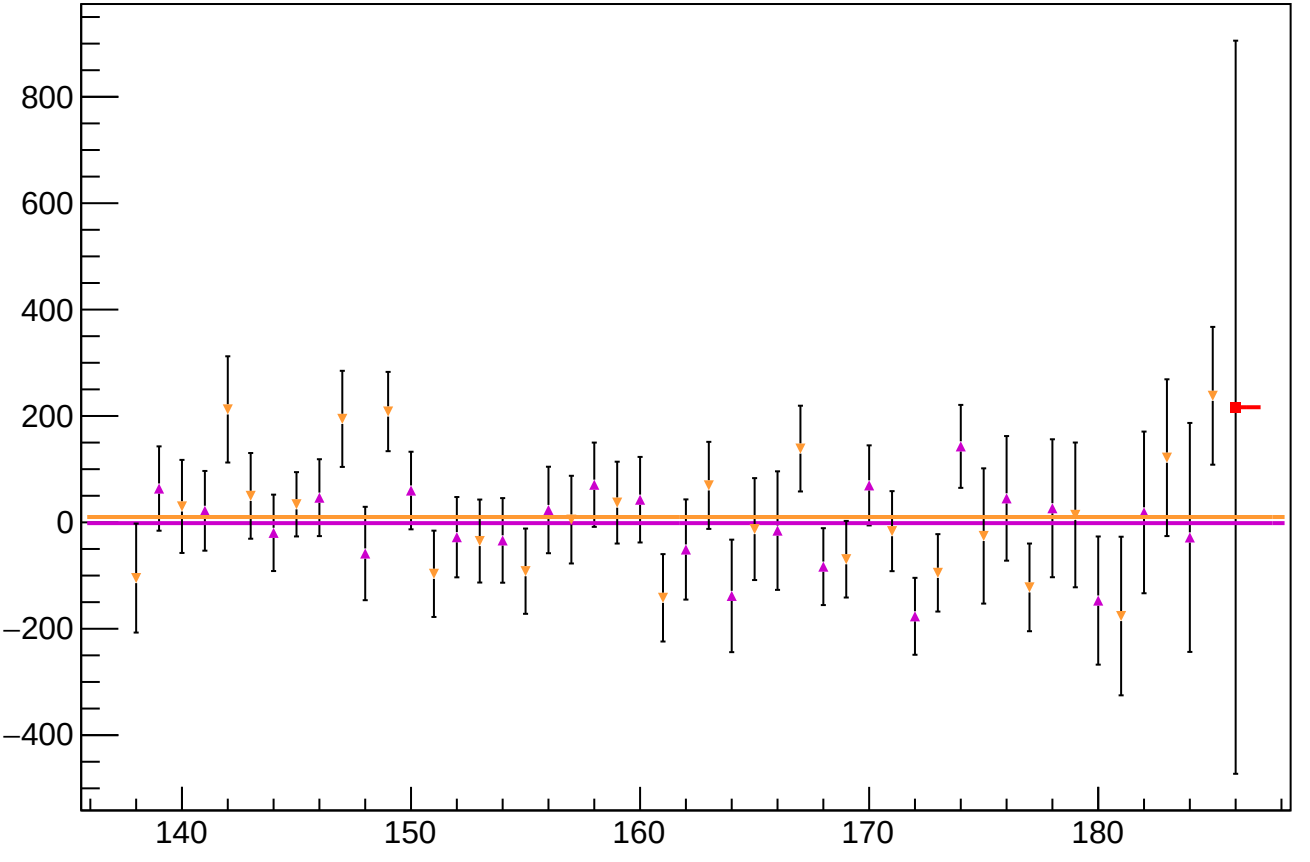
Right: 2942.010+/-3.407 χ^2/NDF: 0.0/0

In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

Out: 440.490+/-0.074 χ^2/NDF:1703304.2/25

All: 439.445+/-0.053 χ^2/NDF: 2728372.2/48

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 10.078+/-17.207 χ^2/NDF:38.7/24

Right Out: 216.441+/-689.095 χ^2/NDF: 0.0/0

Left In: -1.434+/-17.926 χ^2/NDF:19.0/22

Left: 4.557+/-12.414 χ^2/NDF: 58.0/47

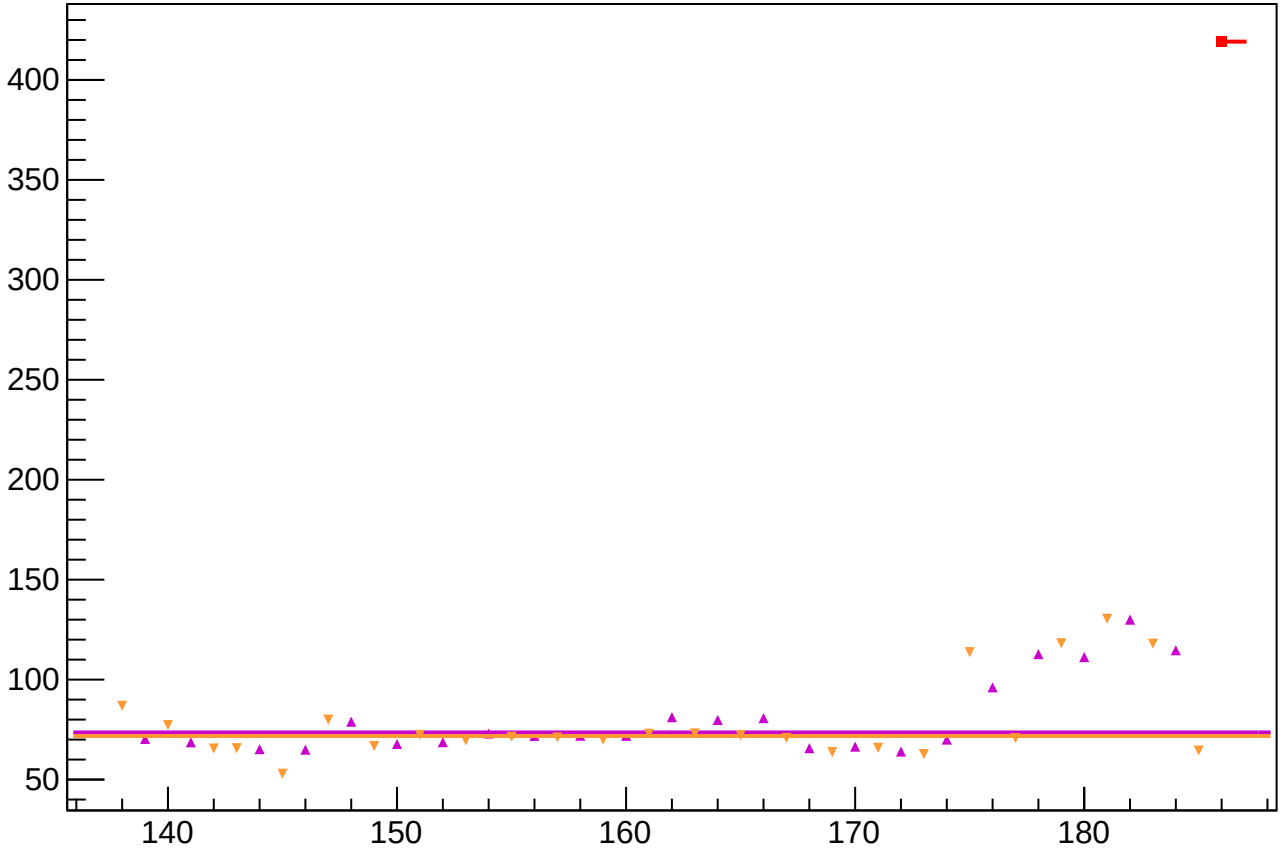
Right: 216.441+/-689.095 χ^2/NDF: 0.0/0

In: -1.434+/-17.926 χ^2/NDF:19.0/22

Out: 10.206+/-17.202 χ^2/NDF:38.8/25

All: 4.626+/-12.412 χ^2/NDF: 58.1/48

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 71.785+/-0.012 χ^2/NDF:1325726.8/24

Right Out: 419.161+/-0.487 χ^2/NDF: 0.0/0

Left In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

Left: 72.635+/-0.009 χ^2/NDF: 2345268.8/47

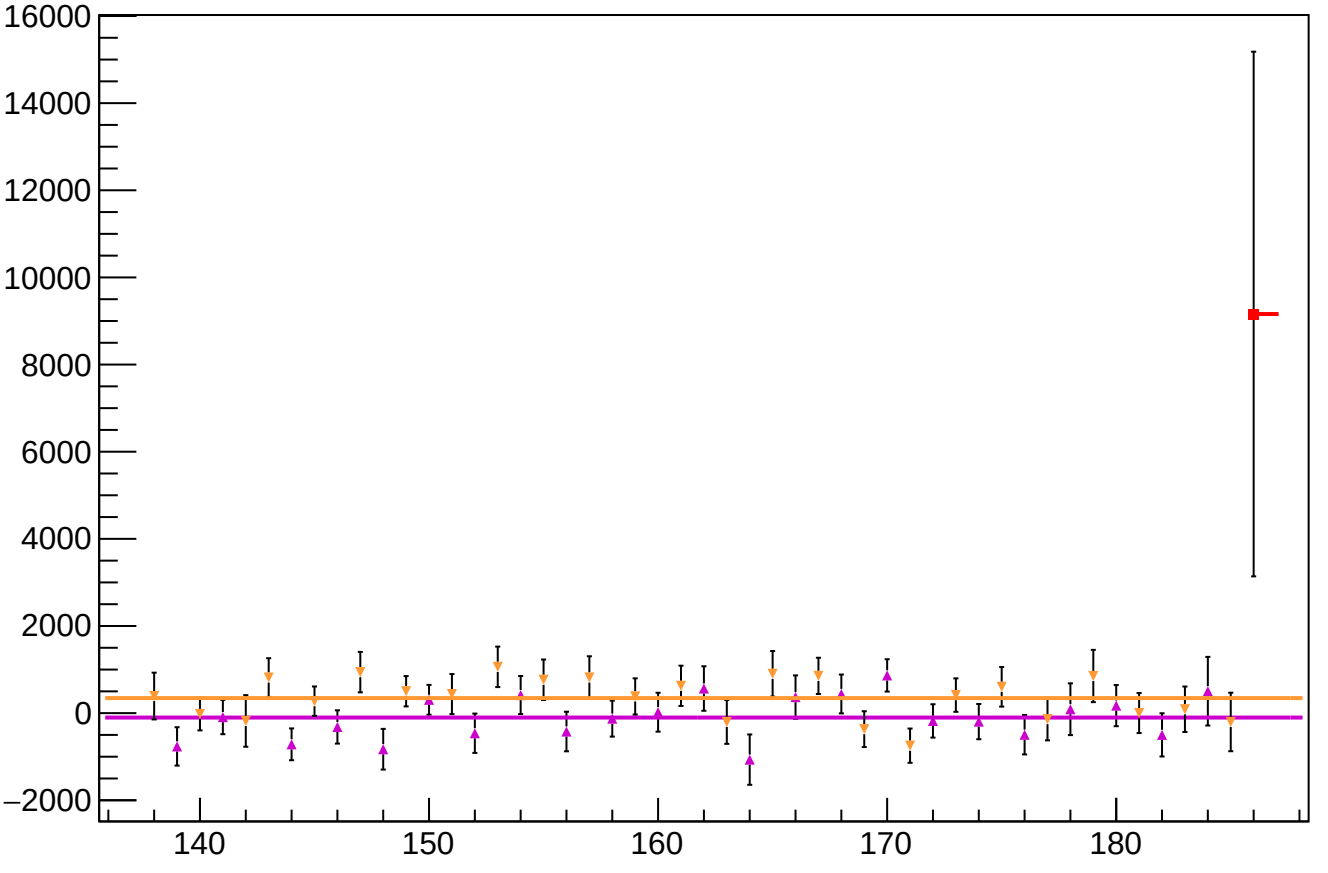
Right: 419.161+/-0.487 χ^2/NDF: 0.0/0

In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

Out: 72.001+/-0.012 χ^2/NDF:1833654.1/25

All: 72.748+/-0.009 χ^2/NDF: 2850863.2/48

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 345.360+/-89.857 χ^2/NDF:27.4/24

Right Out: 9160.011+/-6021.284 χ^2/NDF: 0.0/0

Left In: -101.648+/-91.670 χ^2/NDF:28.1/22

Left: 126.320+/-64.170 χ^2/NDF: 67.5/47

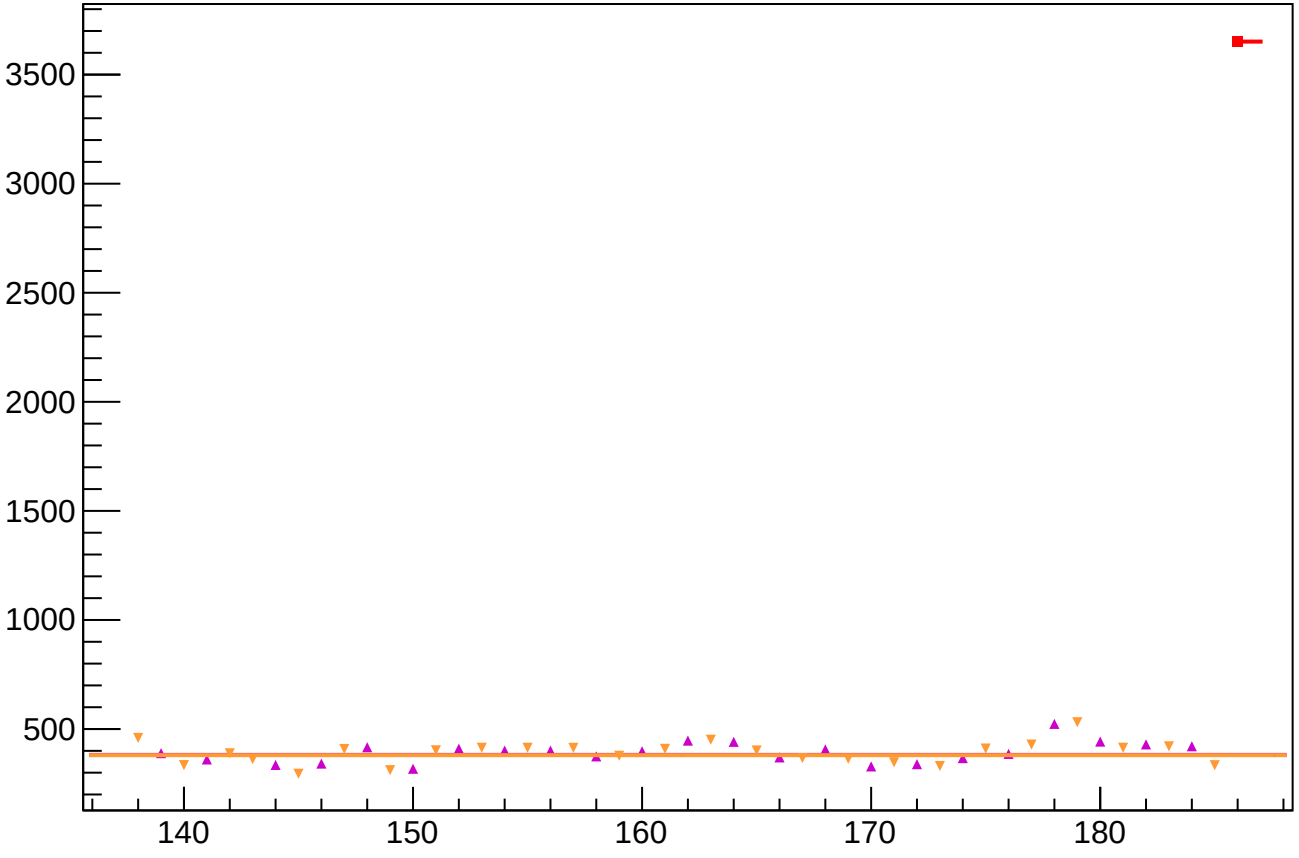
Right: 9160.011+/-6021.284 χ^2/NDF: 0.0/0

In: -101.648+/-91.670 χ^2/NDF:28.1/22

Out: 347.323+/-89.847 χ^2/NDF:29.5/25

All: 127.346+/-64.166 χ^2/NDF: 69.8/48

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 380.206+/-0.064 χ^2/NDF:616620.6/24

Right Out: 3651.331+/-4.258 χ^2/NDF: 0.0/0

Left In: 381.474+/-0.065 χ^2/NDF:461021.8/22

Left: 380.828+/-0.045 χ^2/NDF: 1077837.5/47

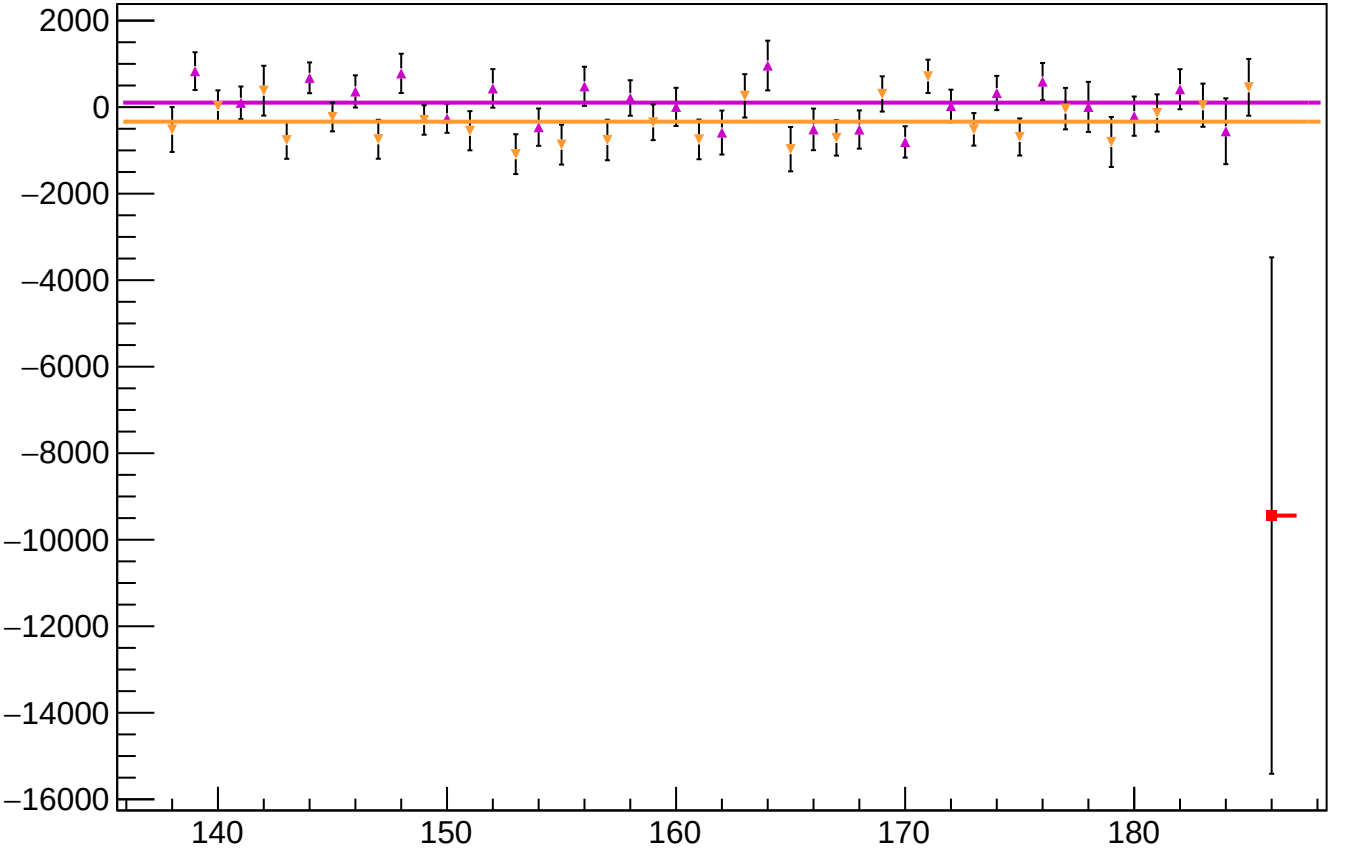
Right: 3651.331+/-4.258 χ^2/NDF: 0.0/0

In: 381.474+/-0.065 χ^2/NDF:461021.8/22

Out: 380.935+/-0.064 χ^2/NDF:1206752.7/25

All: 381.199+/-0.045 χ^2/NDF: 1667809.8/48

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -335.242+/-87.706 χ^2/NDF:28.3/24

Right Out: -9441.407+/-5969.101 χ^2/NDF: 0.0/0

Left In: 104.117+/-89.613 χ^2/NDF:29.7/22

Left: -120.287+/-62.681 χ^2/NDF: 70.2/47

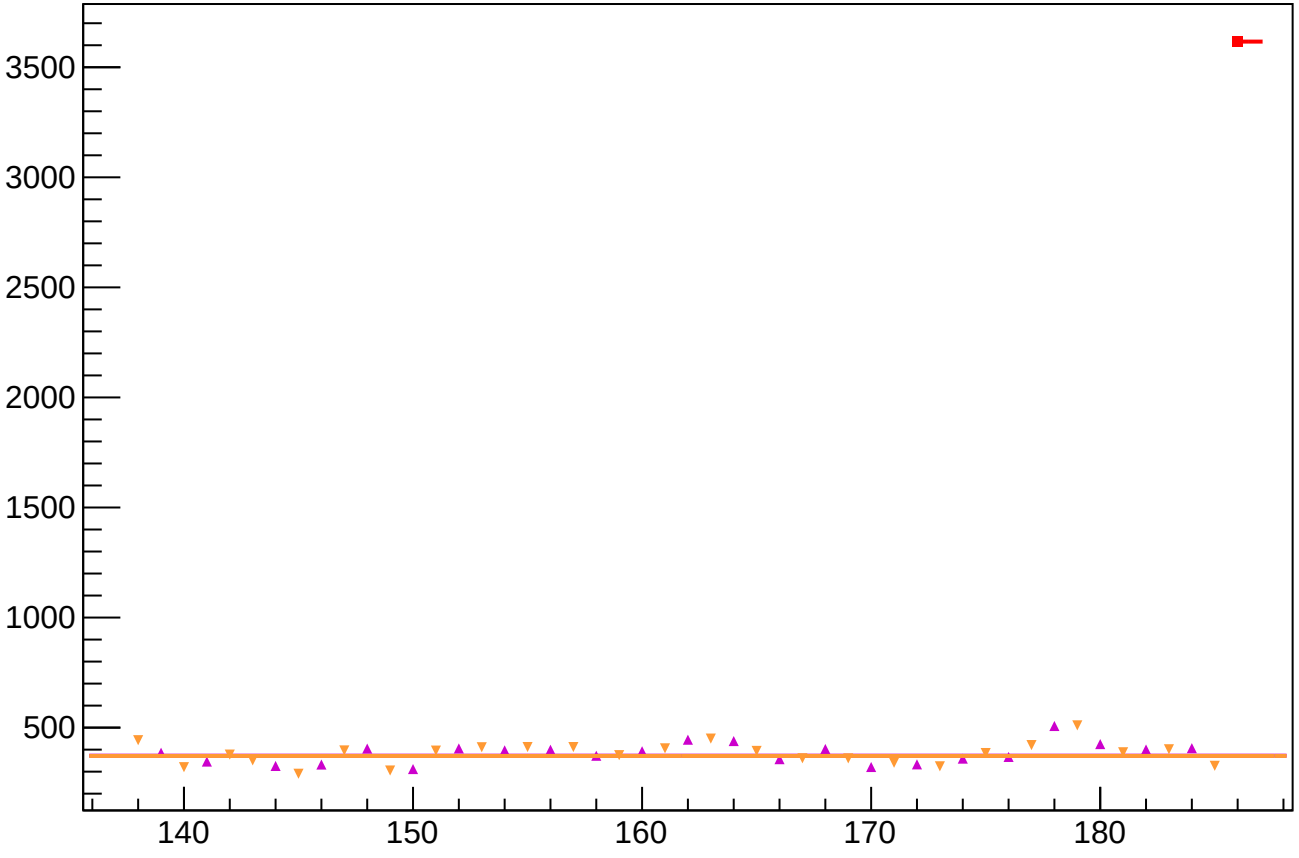
Right: -9441.407+/-5969.101 χ^2/NDF: 0.0/0

In: 104.117+/-89.613 χ^2/NDF:29.7/22

Out: -337.208+/-87.697 χ^2/NDF:30.6/25

All: -121.315+/-62.678 χ^2/NDF: 72.7/48

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 371.375+/-0.062 χ^2/NDF:604123.3/24

Right Out: 3616.538+/-4.221 χ^2/NDF: 0.0/0

Left In: 372.574+/-0.063 χ^2/NDF:464397.2/22

Left: 371.962+/-0.044 χ^2/NDF: 1068703.4/47

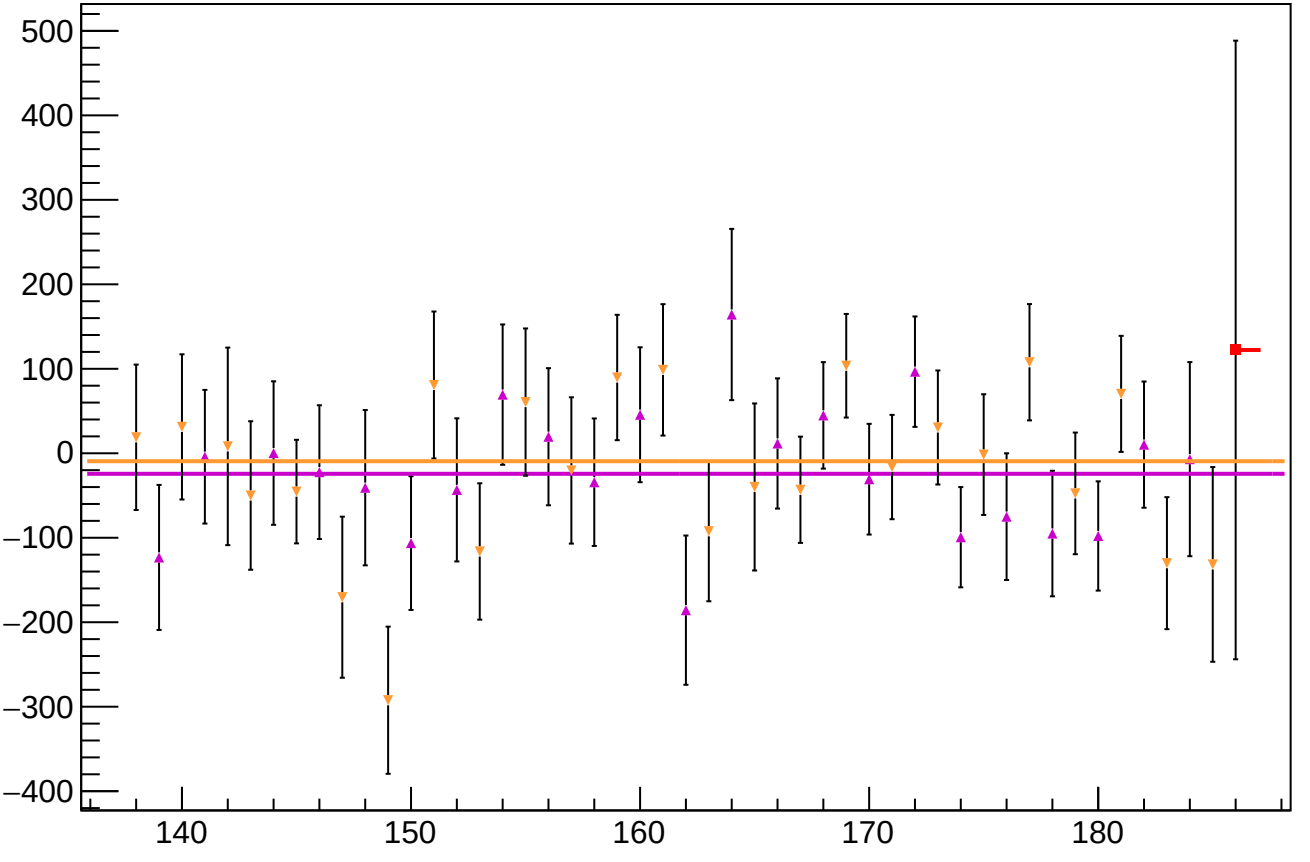
Right: 3616.538+/-4.221 χ^2/NDF: 0.0/0

In: 372.574+/-0.063 χ^2/NDF:464397.2/22

Out: 372.076+/-0.062 χ^2/NDF:1195128.6/25

All: 372.320+/-0.044 χ^2/NDF: 1659557.5/48

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -9.398+/-15.471 χ^2/NDF:34.7/24

Right Out: 122.281+/-366.138 χ^2/NDF: 0.0/0

Left In: -24.293+/-16.034 χ^2/NDF:21.1/22

Left: -16.580+/-11.133 χ^2/NDF: 56.3/47

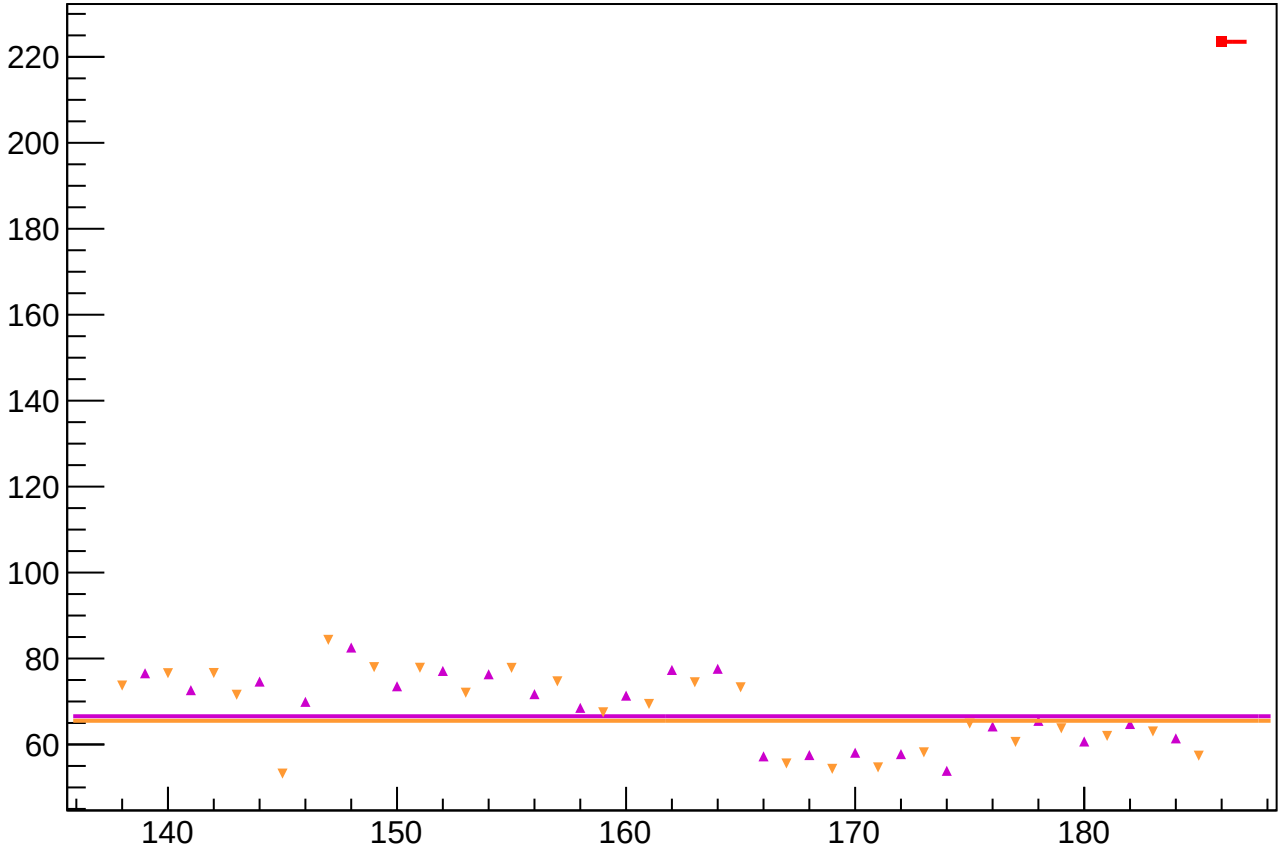
Right: 122.281+/-366.138 χ^2/NDF: 0.0/0

In: -24.293+/-16.034 χ^2/NDF:21.1/22

Out: -9.163+/-15.457 χ^2/NDF:34.8/25

All: -16.451+/-11.128 χ^2/NDF: 56.4/48

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 65.512+/-0.011 χ^2/NDF:666993.4/24

Right Out: 223.511+/-0.259 χ^2/NDF: 0.0/0

Left In: 66.564+/-0.011 χ^2/NDF:521302.1/22

Left: 66.019+/-0.008 χ^2/NDF: 1192752.0/47

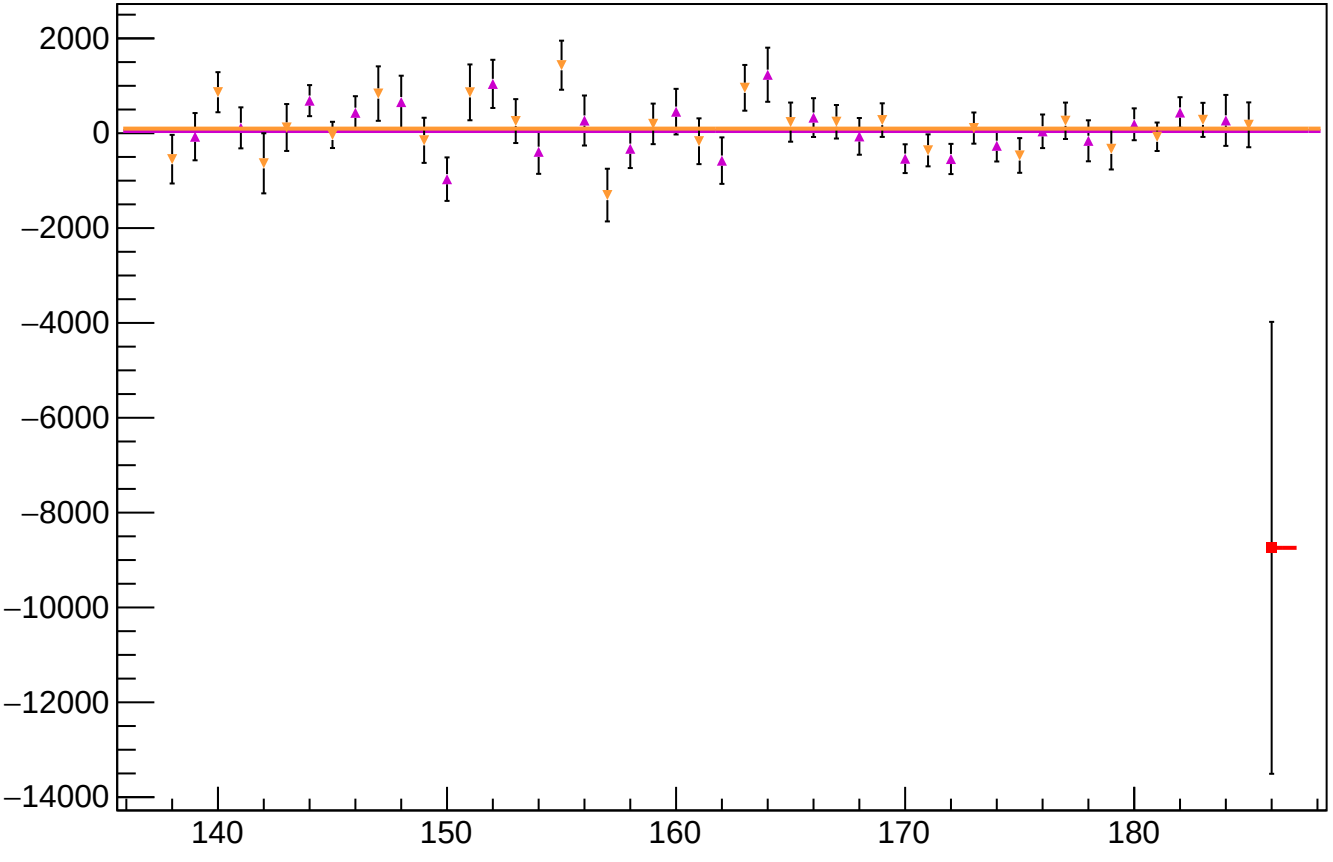
Right: 223.511+/-0.259 χ^2/NDF: 0.0/0

In: 66.564+/-0.011 χ^2/NDF:521302.1/22

Out: 65.793+/-0.011 χ^2/NDF:1038765.8/25

All: 66.164+/-0.008 χ^2/NDF: 1562459.6/48

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 97.420+/-82.238 χ^2/NDF:33.3/24

Right Out: -8742.441+/-4764.895 χ^2/NDF: 0.0/0

Left In: 46.660+/-83.857 χ^2/NDF:34.2/22

Left: 72.535+/-58.715 χ^2/NDF: 67.7/47

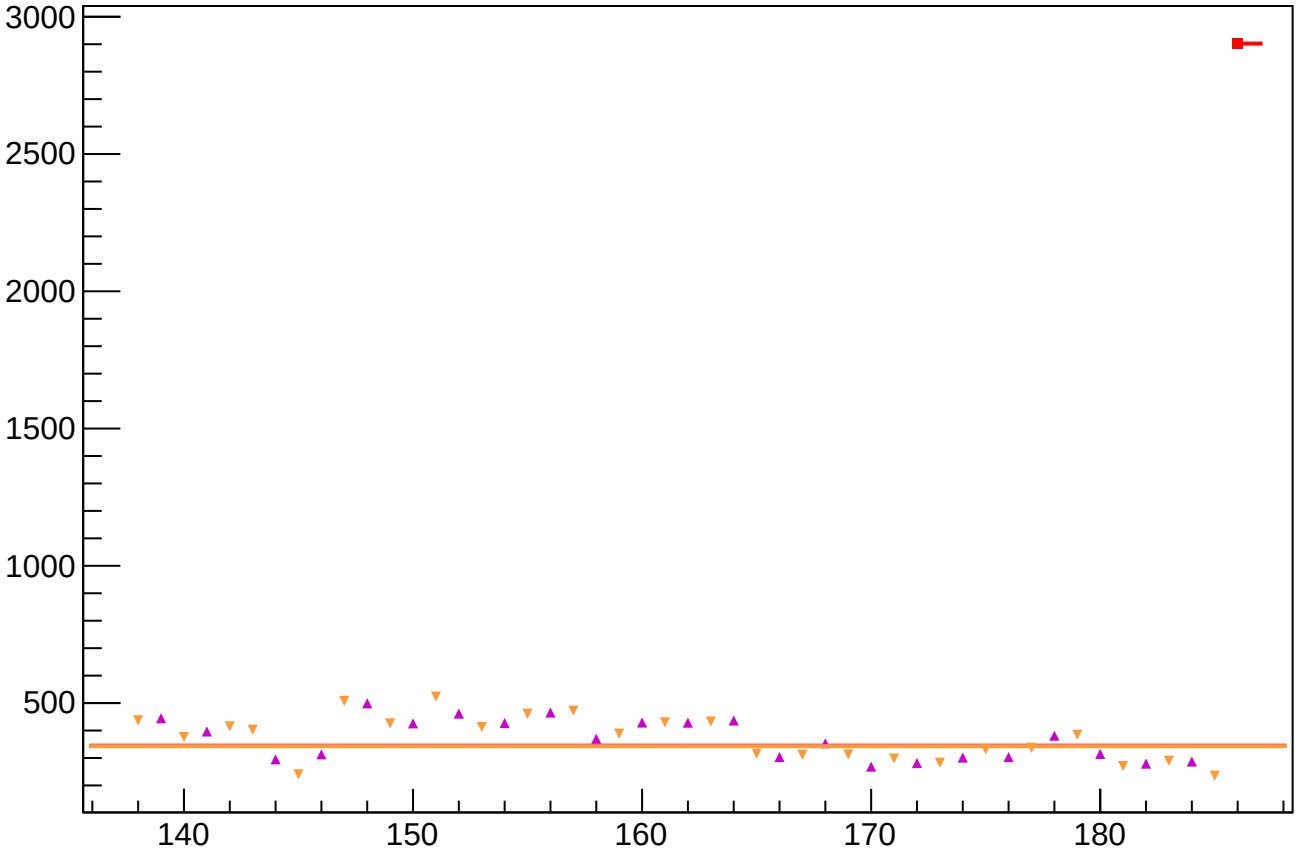
Right: -8742.441+/-4764.895 χ^2/NDF: 0.0/0

In: 46.660+/-83.857 χ^2/NDF:34.2/22

Out: 94.788+/-82.226 χ^2/NDF:36.7/25

All: 71.197+/-58.711 χ^2/NDF: 71.1/48

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 342.995+/-0.058 χ^2/NDF:1665121.0/24

Right Out: 2902.273+/-3.369 χ^2/NDF: 0.0/0

Left In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

Left: 343.889+/-0.042 χ^2/NDF: 2930147.7/47

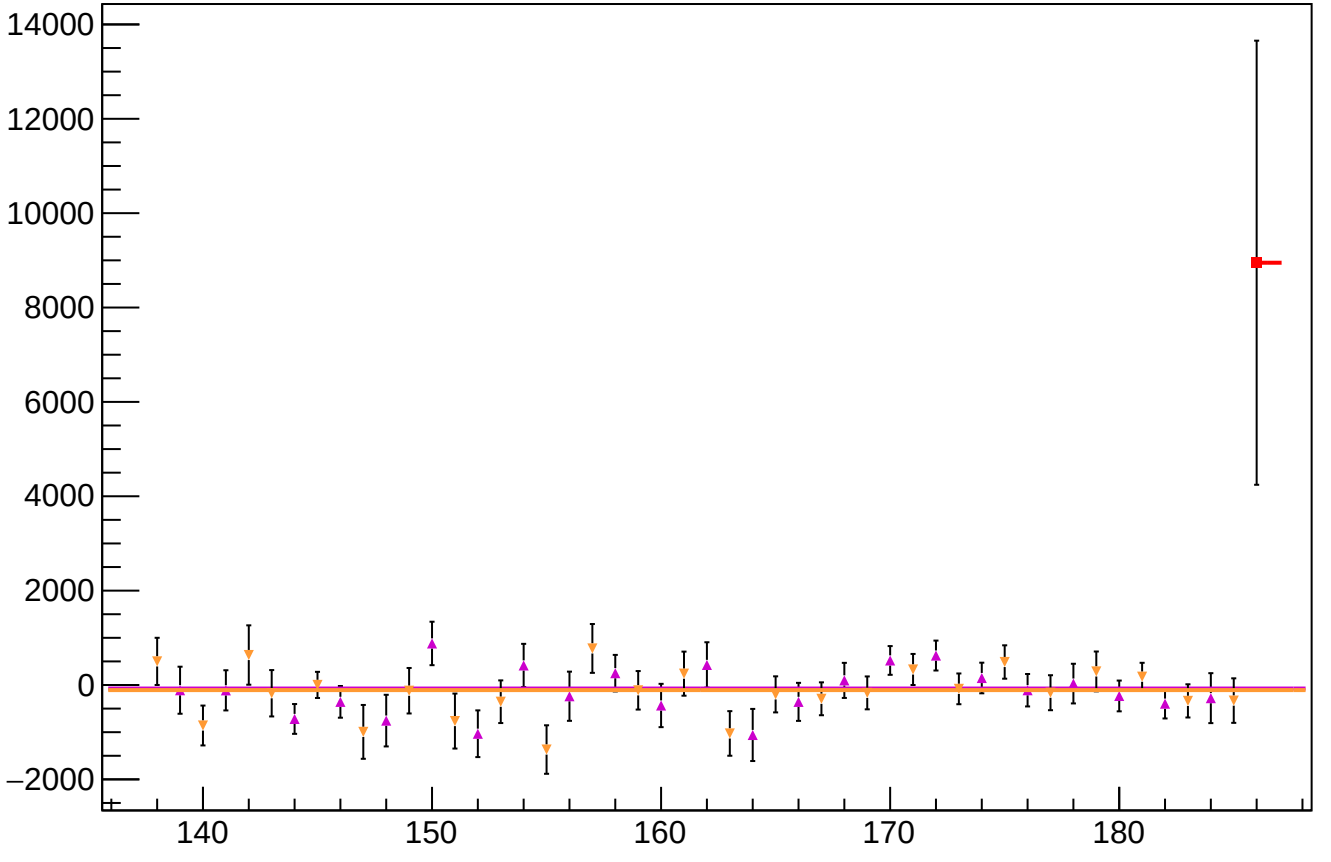
Right: 2902.273+/-3.369 χ^2/NDF: 0.0/0

In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

Out: 343.757+/-0.058 χ^2/NDF:2241925.6/25

All: 344.277+/-0.042 χ^2/NDF: 3506633.7/48

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -108.037+/-80.579 χ^2/NDF:30.9/24

Right Out: 8949.643+/-4706.210 χ^2/NDF: 0.0/0

Left In: -74.986+/-81.949 χ^2/NDF:32.7/22

Left: -91.790+/-57.456 χ^2/NDF: 63.6/47

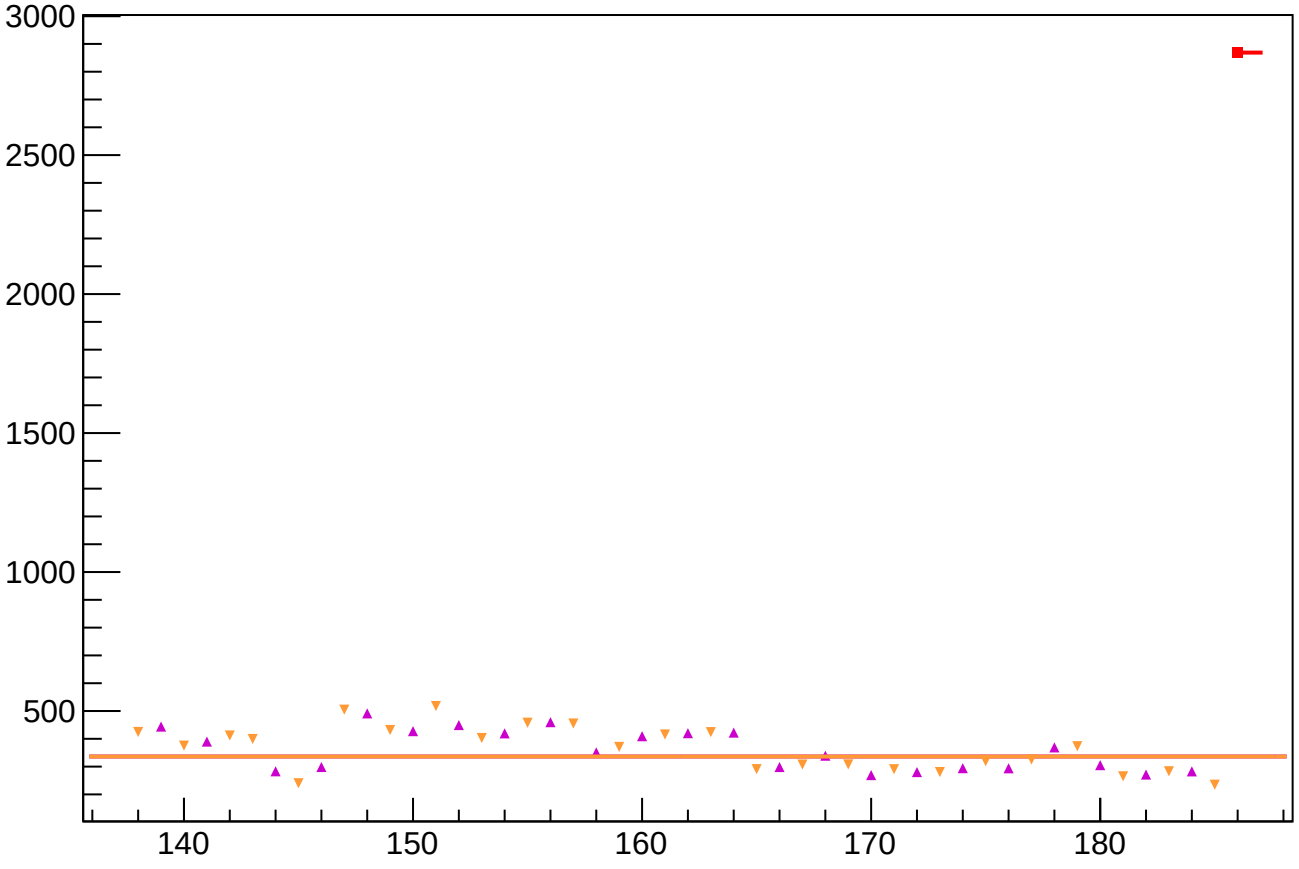
Right: 8949.643+/-4706.210 χ^2/NDF: 0.0/0

In: -74.986+/-81.949 χ^2/NDF:32.7/22

Out: -105.382+/-80.568 χ^2/NDF:34.6/25

All: -90.442+/-57.452 χ^2/NDF: 67.3/48

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 336.231+/-0.057 χ^2/NDF:1659693.0/24

Right Out: 2868.780+/-3.328 χ^2/NDF: 0.0/0

Left In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

Left: 336.312+/-0.041 χ^2/NDF: 2929284.8/47

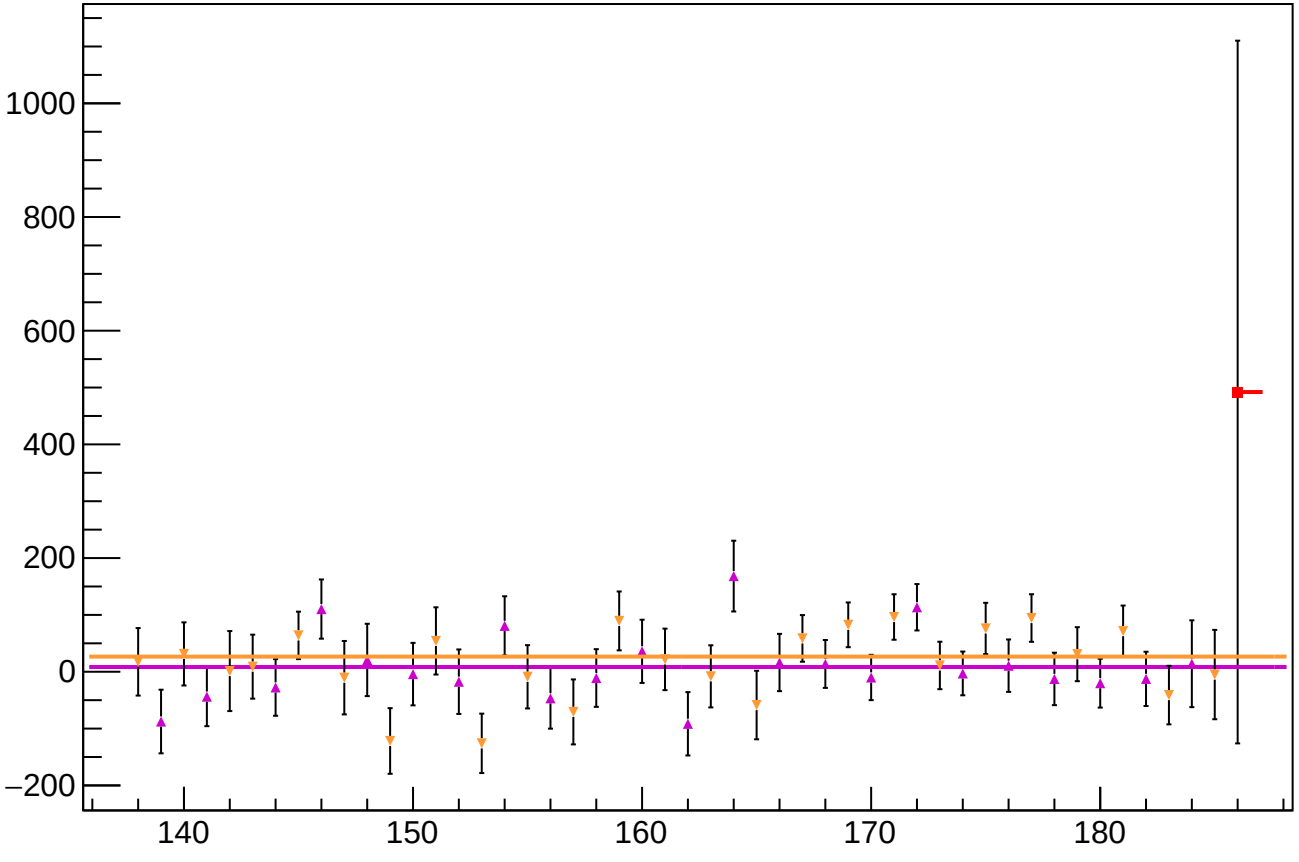
Right: 2868.780+/-3.328 χ^2/NDF: 0.0/0

In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

Out: 336.973+/-0.057 χ^2/NDF:2238689.3/25

All: 336.689+/-0.041 χ^2/NDF: 3508327.4/48

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 26.633+/-10.090 χ^2/NDF:36.5/24

Right Out: 492.096+/-618.146 χ^2/NDF: 0.0/0

Left In: 8.325+/-10.361 χ^2/NDF:29.6/22

Left: 17.721+/-7.229 χ^2/NDF: 67.7/47

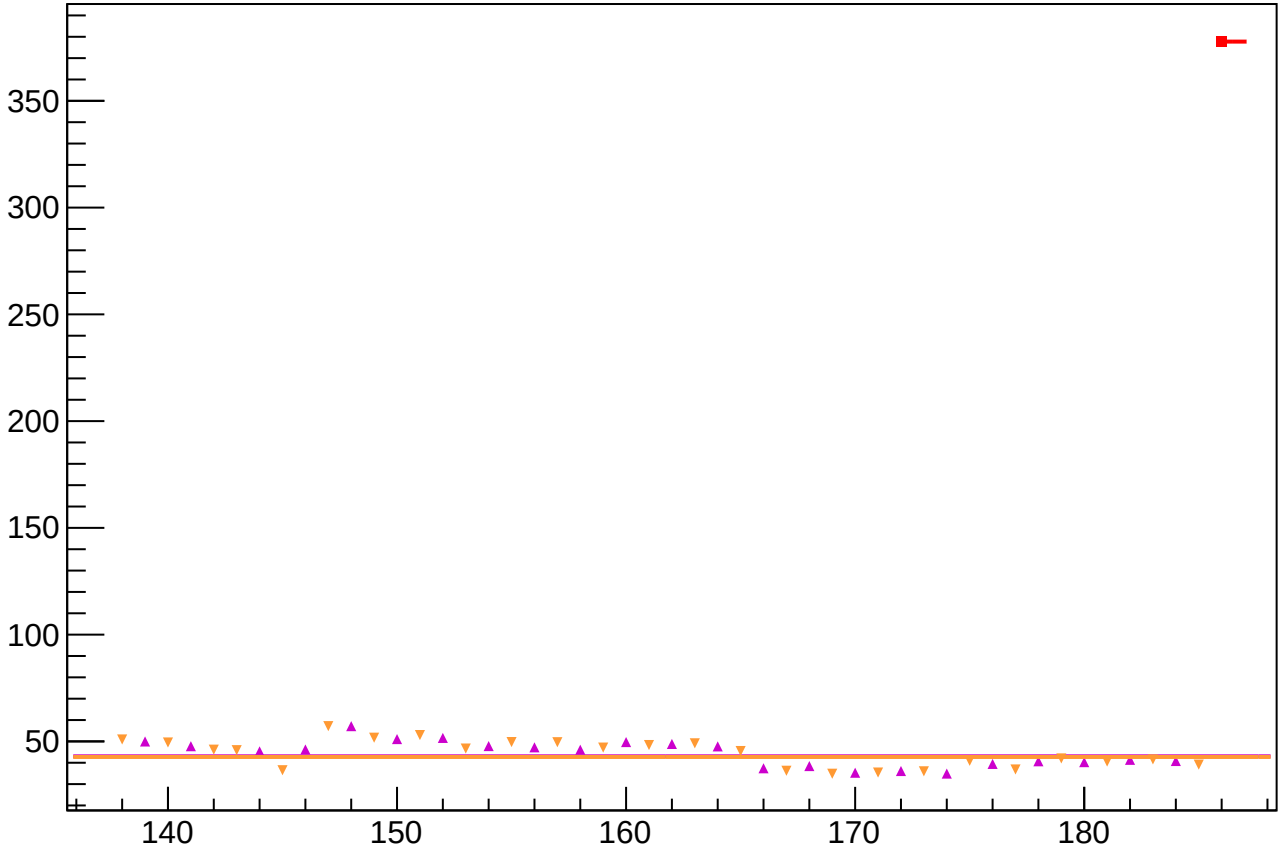
Right: 492.096+/-618.146 χ^2/NDF: 0.0/0

In: 8.325+/-10.361 χ^2/NDF:29.6/22

Out: 26.757+/-10.089 χ^2/NDF:37.0/25

All: 17.786+/-7.228 χ^2/NDF: 68.3/48

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 42.716+/-0.007 χ^2/NDF:771558.7/24

Right Out: 377.742+/-0.437 χ^2/NDF: 0.0/0

Left In: 43.021+/-0.007 χ^2/NDF:642598.9/22

Left: 42.865+/-0.005 χ^2/NDF: 1415050.2/47

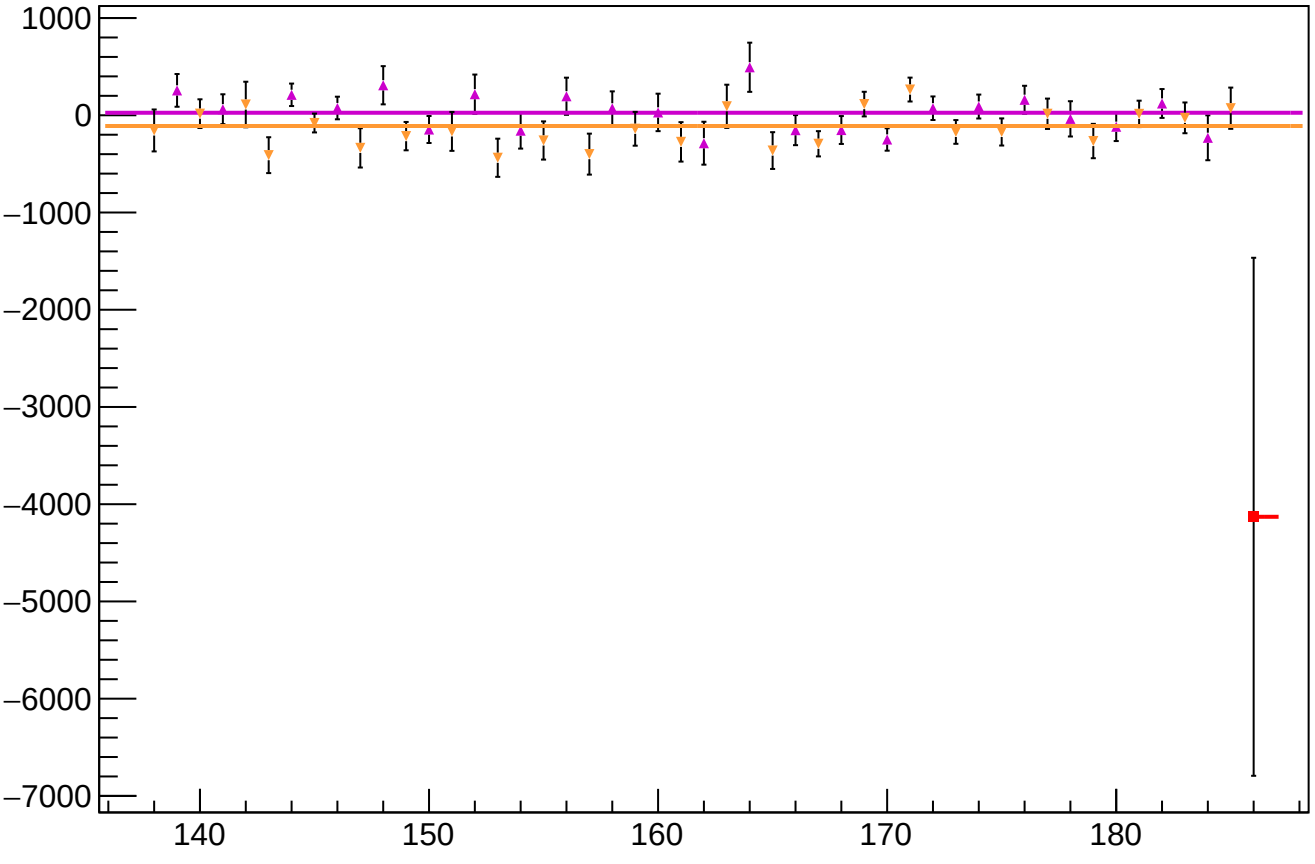
Right: 377.742+/-0.437 χ^2/NDF: 0.0/0

In: 43.021+/-0.007 χ^2/NDF:642598.9/22

Out: 42.805+/-0.007 χ^2/NDF:1358899.6/25

All: 42.910+/-0.005 χ^2/NDF: 2001945.8/48

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -110.340+/-31.717 χ^2/NDF:33.0/24

Right Out: -4129.472+/-2663.767 χ^2/NDF: 0.0/0

Left In: 25.828+/-32.100 χ^2/NDF:29.0/22

Left: -43.073+/-22.561 χ^2/NDF: 71.1/47

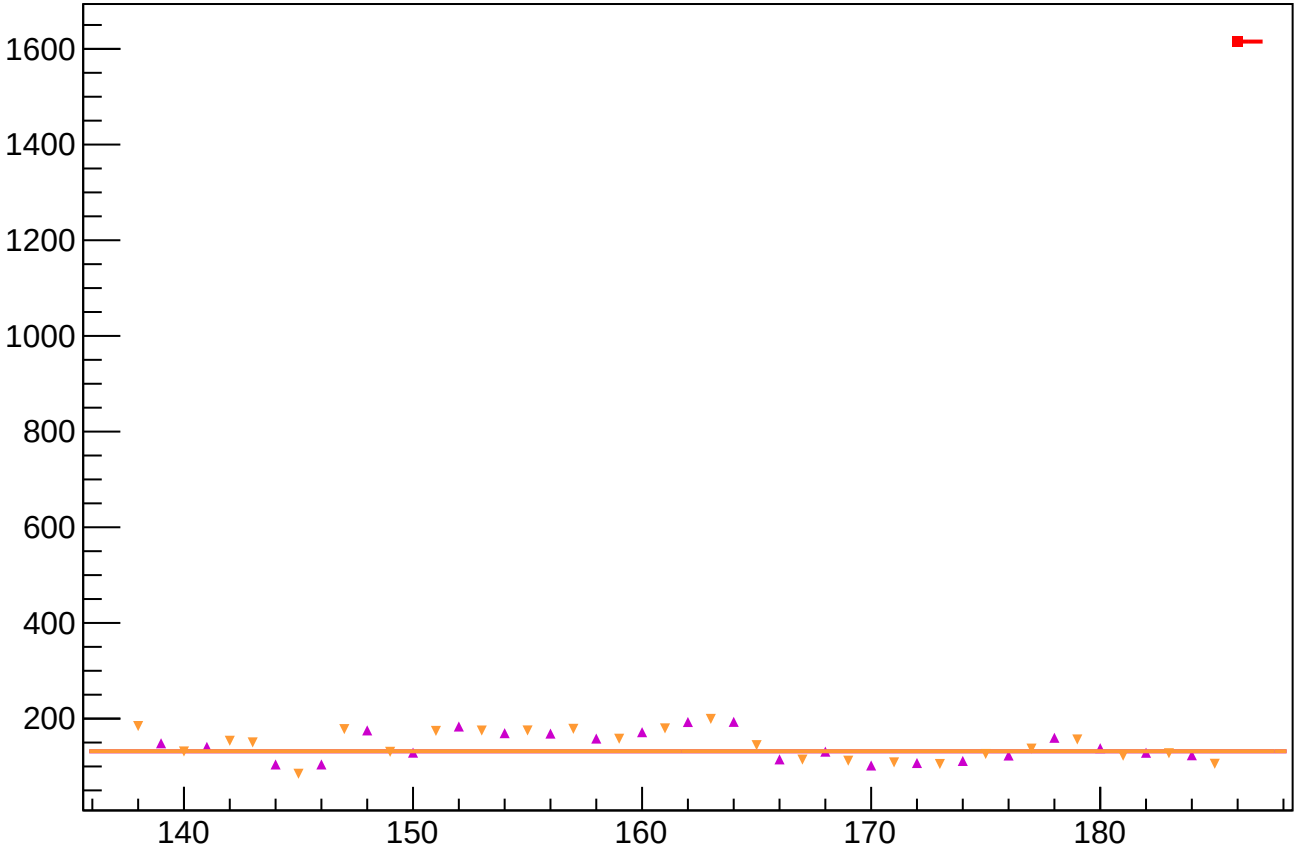
Right: -4129.472+/-2663.767 χ^2/NDF: 0.0/0

In: 25.828+/-32.100 χ^2/NDF:29.0/22

Out: -110.910+/-31.715 χ^2/NDF:35.2/25

All: -43.366+/-22.561 χ^2/NDF: 73.4/48

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 131.875+/-0.022 χ^2/NDF:1806379.2/24

Right Out: 1615.302+/-1.884 χ^2/NDF: 0.0/0

Left In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

Left: 131.754+/-0.016 χ^2/NDF: 3210130.7/47

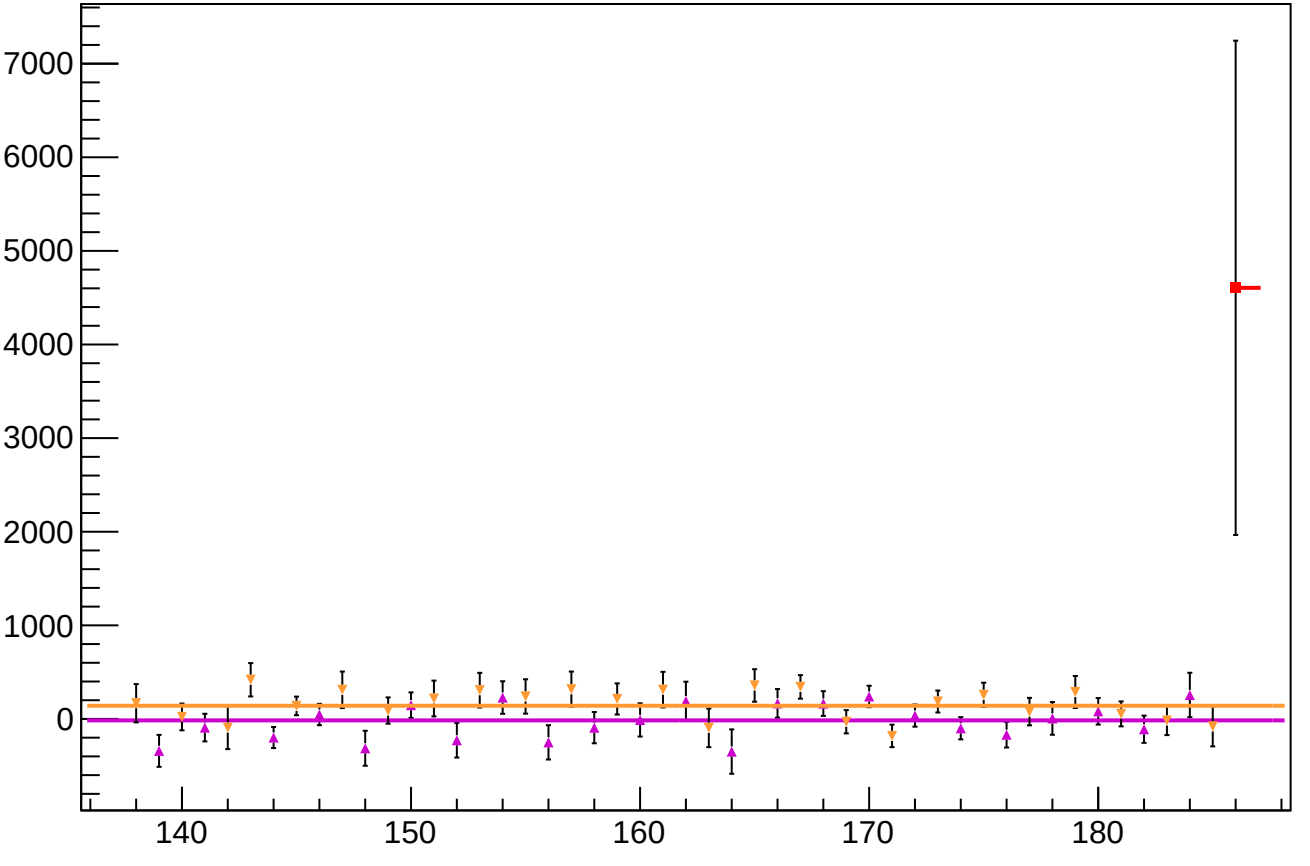
Right: 1615.302+/-1.884 χ^2/NDF: 0.0/0

In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

Out: 132.085+/-0.022 χ^2/NDF:2426546.3/25

All: 131.860+/-0.016 χ^2/NDF: 3830442.5/48

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 141.008+/-30.636 χ^2/NDF:27.1/24

Right Out: 4605.425+/-2640.214 χ^2/NDF: 0.0/0

Left In: -15.199+/-31.033 χ^2/NDF:31.4/22

Left: 63.911+/-21.802 χ^2/NDF: 71.3/47

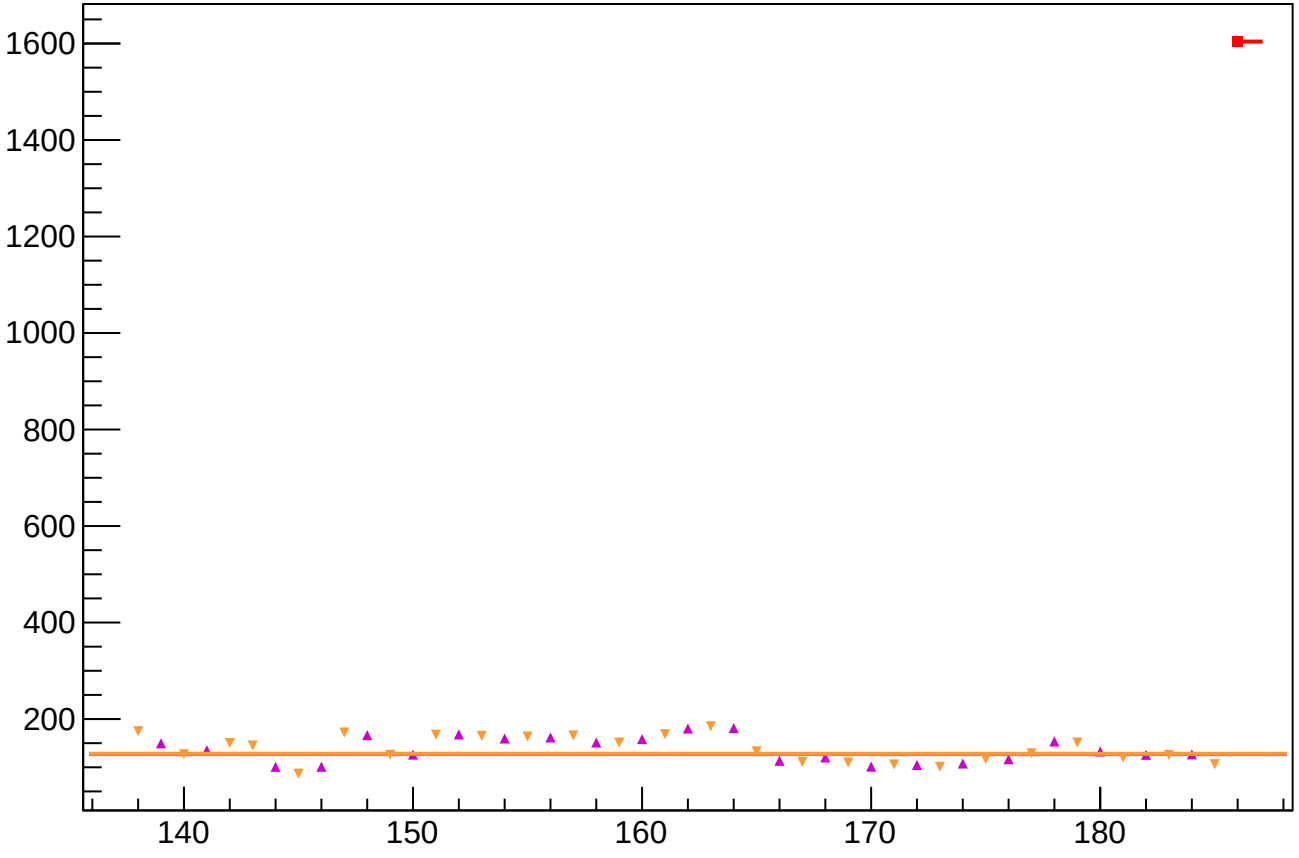
Right: 4605.425+/-2640.214 χ^2/NDF: 0.0/0

In: -15.199+/-31.033 χ^2/NDF:31.4/22

Out: 141.609+/-30.634 χ^2/NDF:30.0/25

All: 64.221+/-21.801 χ^2/NDF: 74.3/48

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 128.060+/-0.022 χ^2/NDF:1530283.7/24

Right Out: 1604.044+/-1.867 χ^2/NDF: 0.0/0

Left In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

Left: 127.724+/-0.015 χ^2/NDF: 2760669.0/47

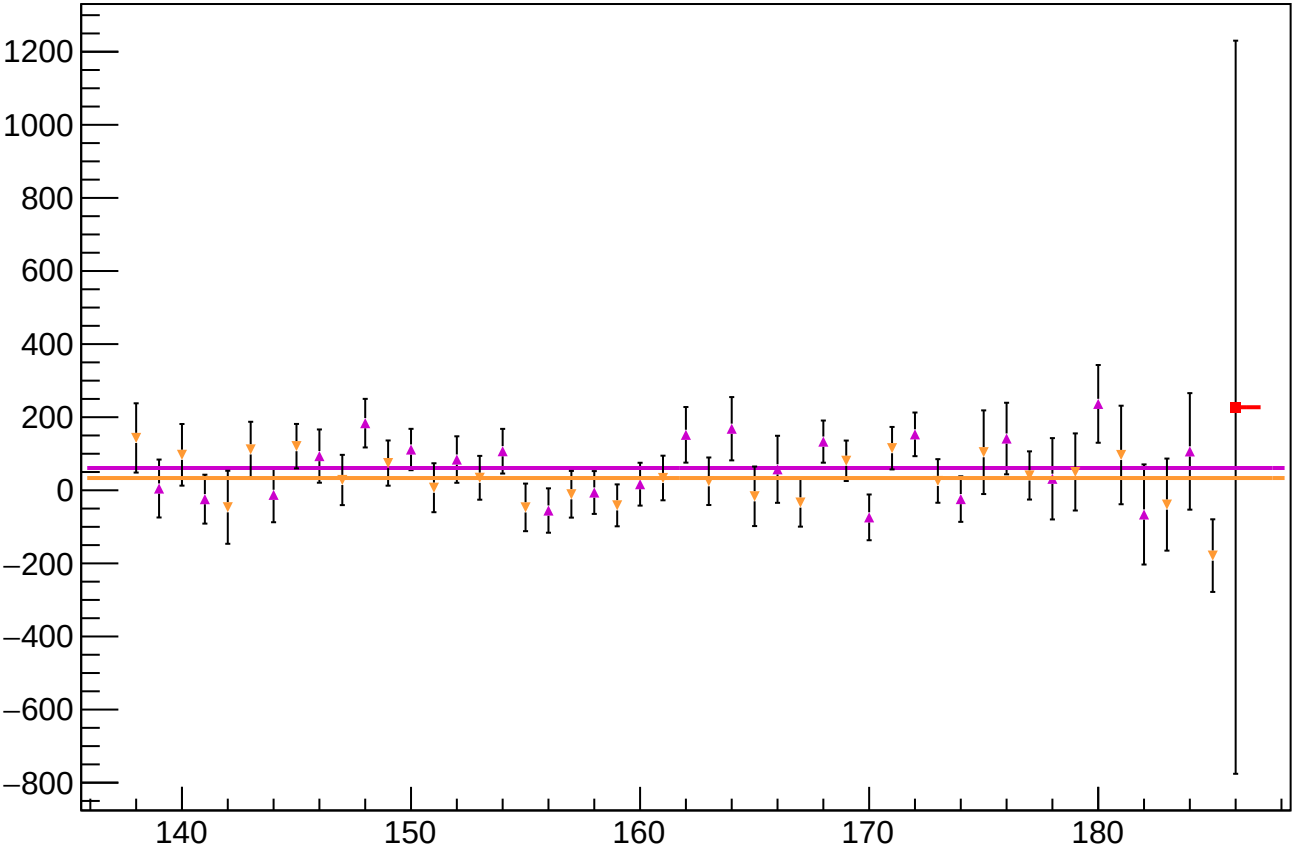
Right: 1604.044+/-1.867 χ^2/NDF: 0.0/0

In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

Out: 128.258+/-0.022 χ^2/NDF:2155250.4/25

All: 127.825+/-0.015 χ^2/NDF: 3385961.5/48

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 33.535+/-14.197 χ^2/NDF:19.7/24

Right Out: 227.258+/-1002.995 χ^2/NDF: 0.0/0

Left In: 60.992+/-14.839 χ^2/NDF:31.6/22

Left: 46.656+/-10.258 χ^2/NDF: 53.0/47

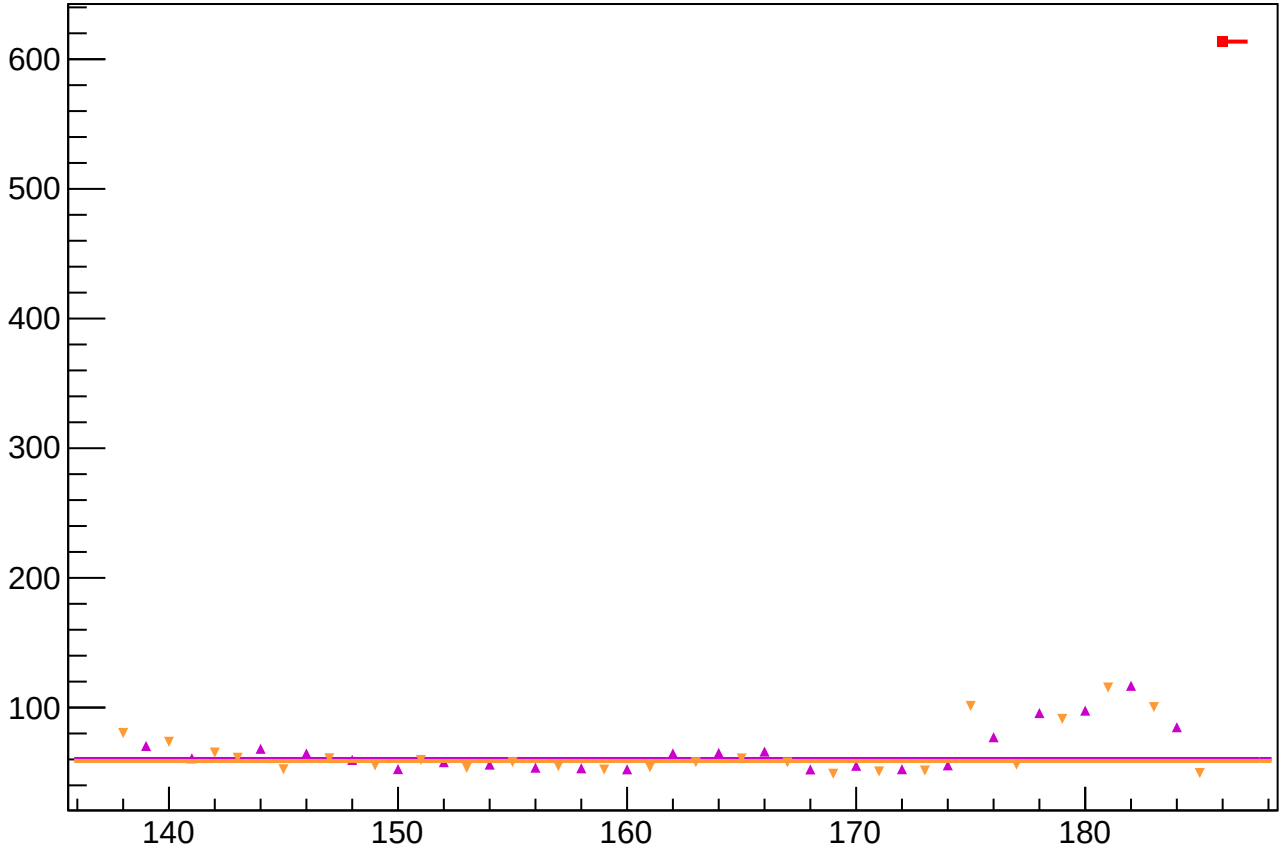
Right: 227.258+/-1002.995 χ^2/NDF: 0.0/0

In: 60.992+/-14.839 χ^2/NDF:31.6/22

Out: 33.573+/-14.195 χ^2/NDF:19.7/25

All: 46.675+/-10.258 χ^2/NDF: 53.1/48

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 58.793+/-0.010 χ^2/NDF:1460561.7/24

Right Out: 613.598+/-0.709 χ^2/NDF: 0.0/0

Left In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

Left: 59.539+/-0.007 χ^2/NDF: 2689802.0/47

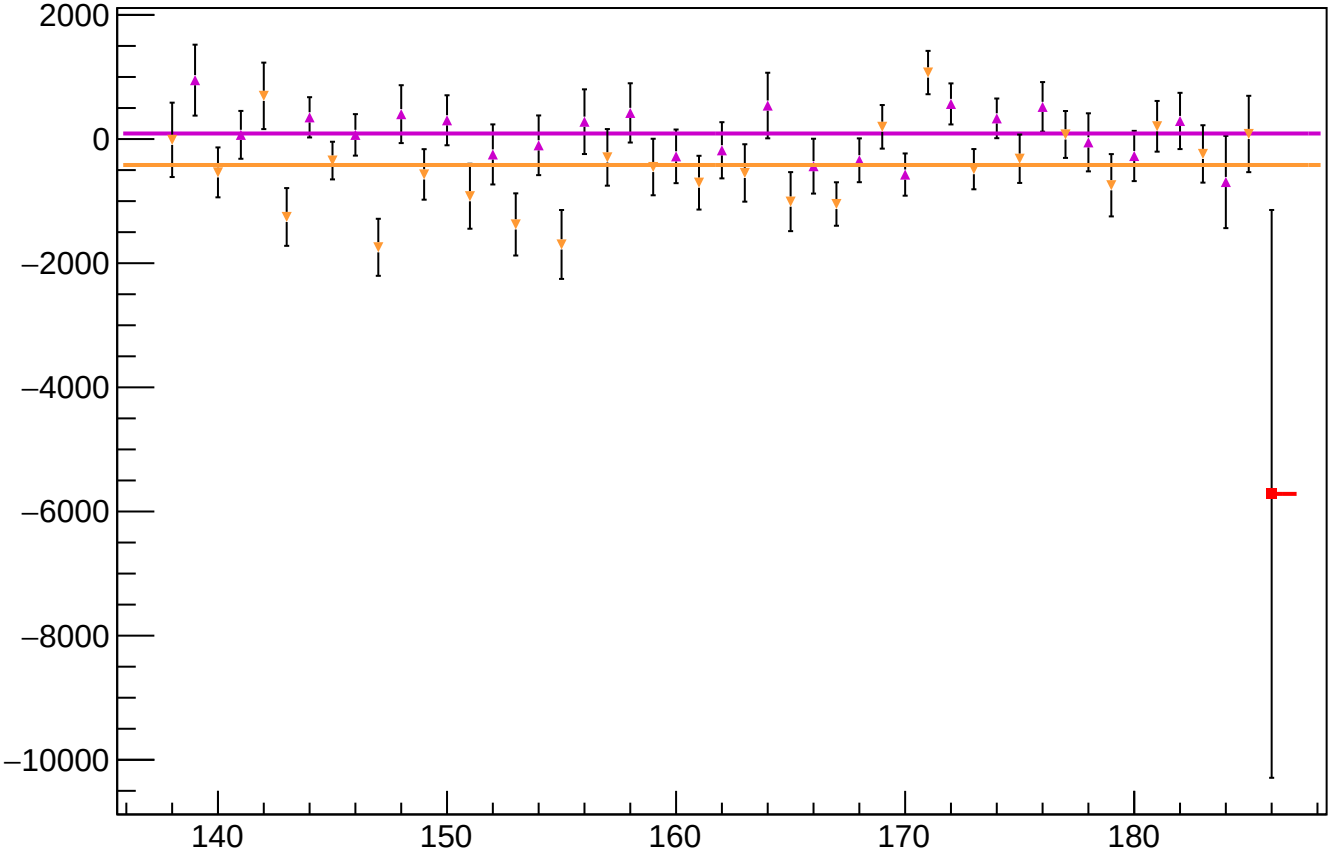
Right: 613.598+/-0.709 χ^2/NDF: 0.0/0

In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

Out: 58.904+/-0.010 χ^2/NDF:2072384.9/25

All: 59.597+/-0.007 χ^2/NDF: 3300038.5/48

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -417.817+/-84.969 χ^2/NDF:58.5/24

Right Out: -5716.278+/-4573.706 χ^2/NDF: 0.0/0

Left In: 89.505+/-86.438 χ^2/NDF:19.4/22

Left: -168.504+/-60.595 χ^2/NDF: 95.4/47

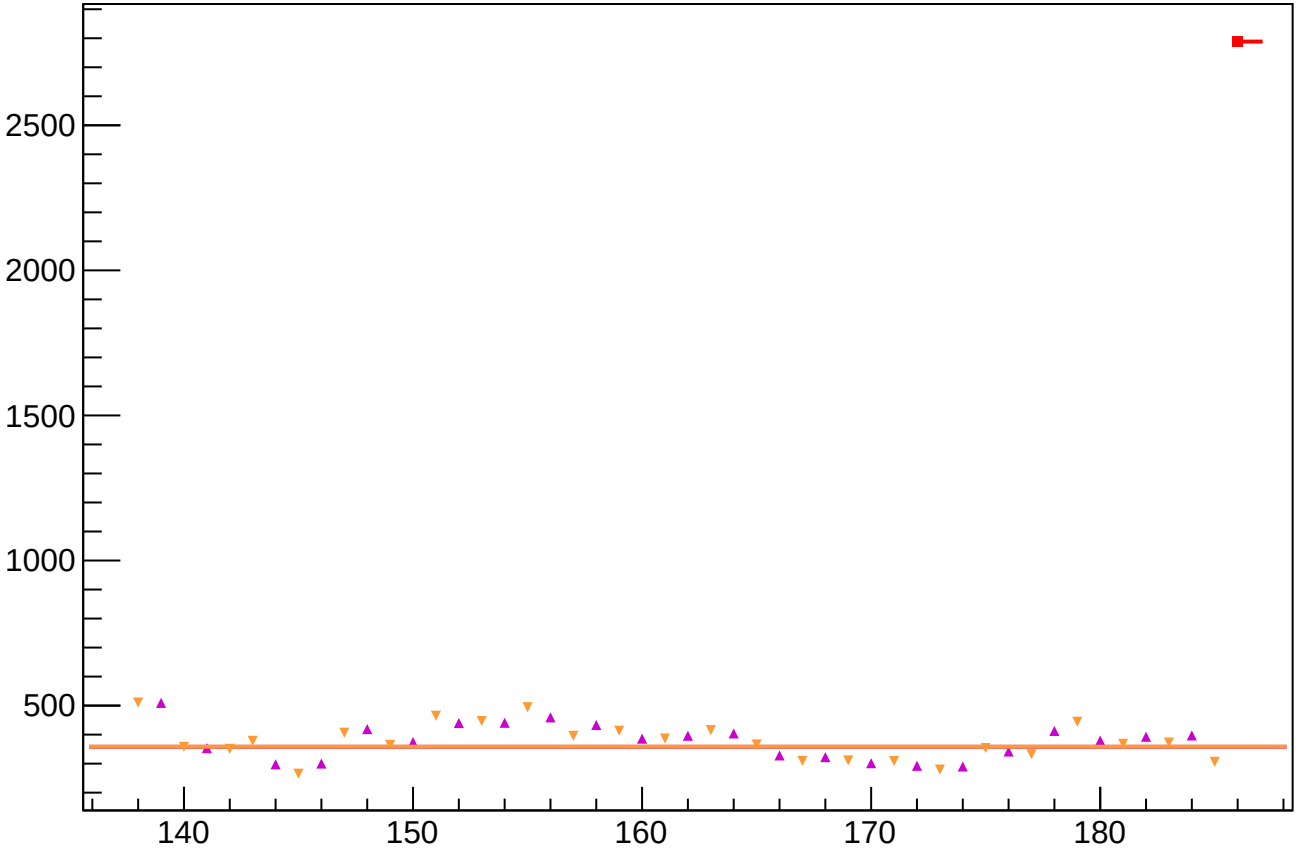
Right: -5716.278+/-4573.706 χ^2/NDF: 0.0/0

In: 89.505+/-86.438 χ^2/NDF:19.4/22

Out: -419.645+/-84.955 χ^2/NDF:59.8/25

All: -169.477+/-60.590 χ^2/NDF: 96.9/48

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 358.349+/-0.060 χ^2/NDF:1011872.8/24

Right Out: 2788.413+/-3.234 χ^2/NDF: 0.0/0

Left In: 357.802+/-0.061 χ^2/NDF:893330.5/22

Left: 358.080+/-0.043 χ^2/NDF: 1905244.1/47

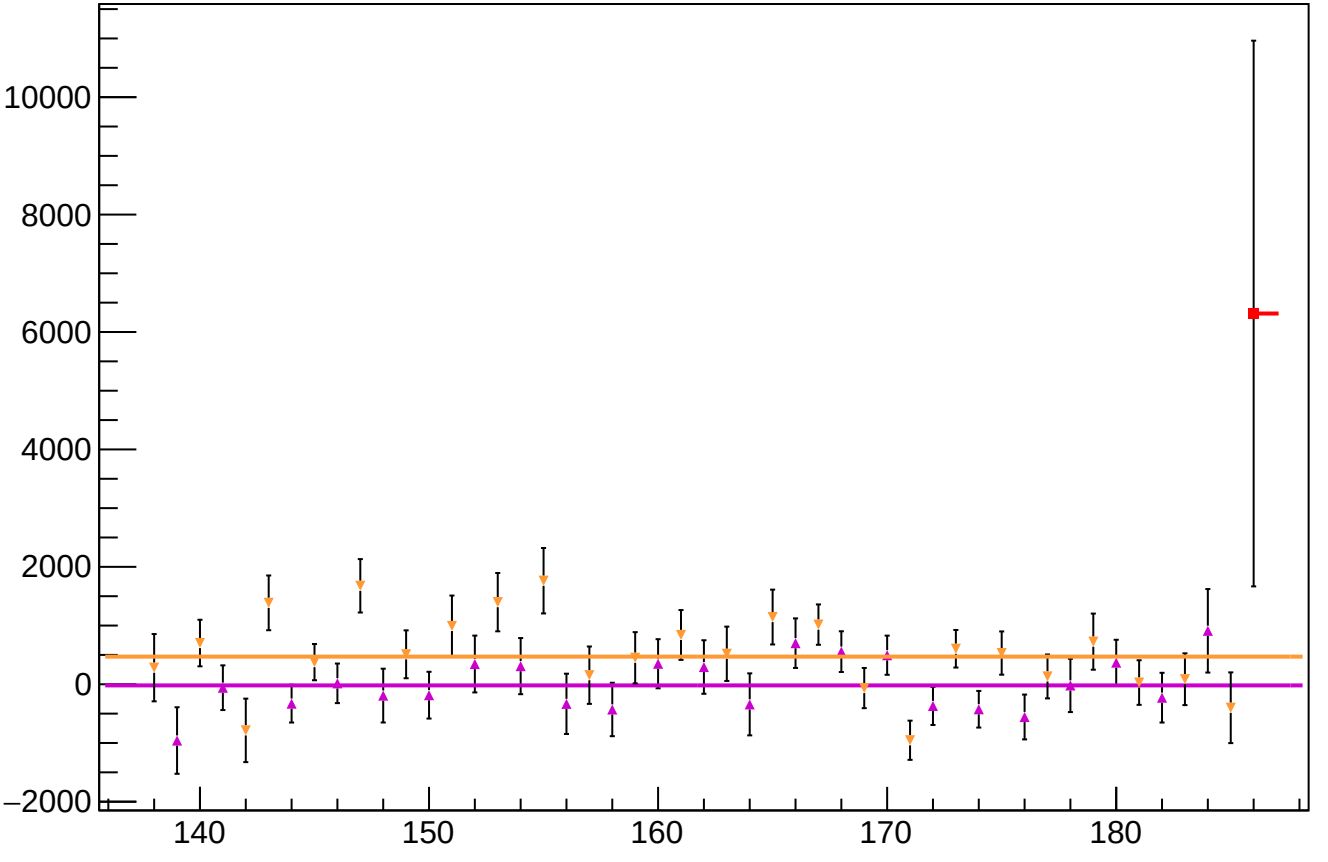
Right: 2788.413+/-3.234 χ^2/NDF: 0.0/0

In: 357.802+/-0.061 χ^2/NDF:893330.5/22

Out: 359.187+/-0.060 χ^2/NDF:1576262.3/25

All: 358.506+/-0.043 χ^2/NDF: 2469854.3/48

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 470.804+/-83.480 χ^2/NDF:58.7/24

Right Out: 6314.741+/-4647.532 χ^2/NDF: 0.0/0

Left In: -19.328+/-84.679 χ^2/NDF:23.7/22

Left: 229.235+/-59.449 χ^2/NDF: 99.4/47

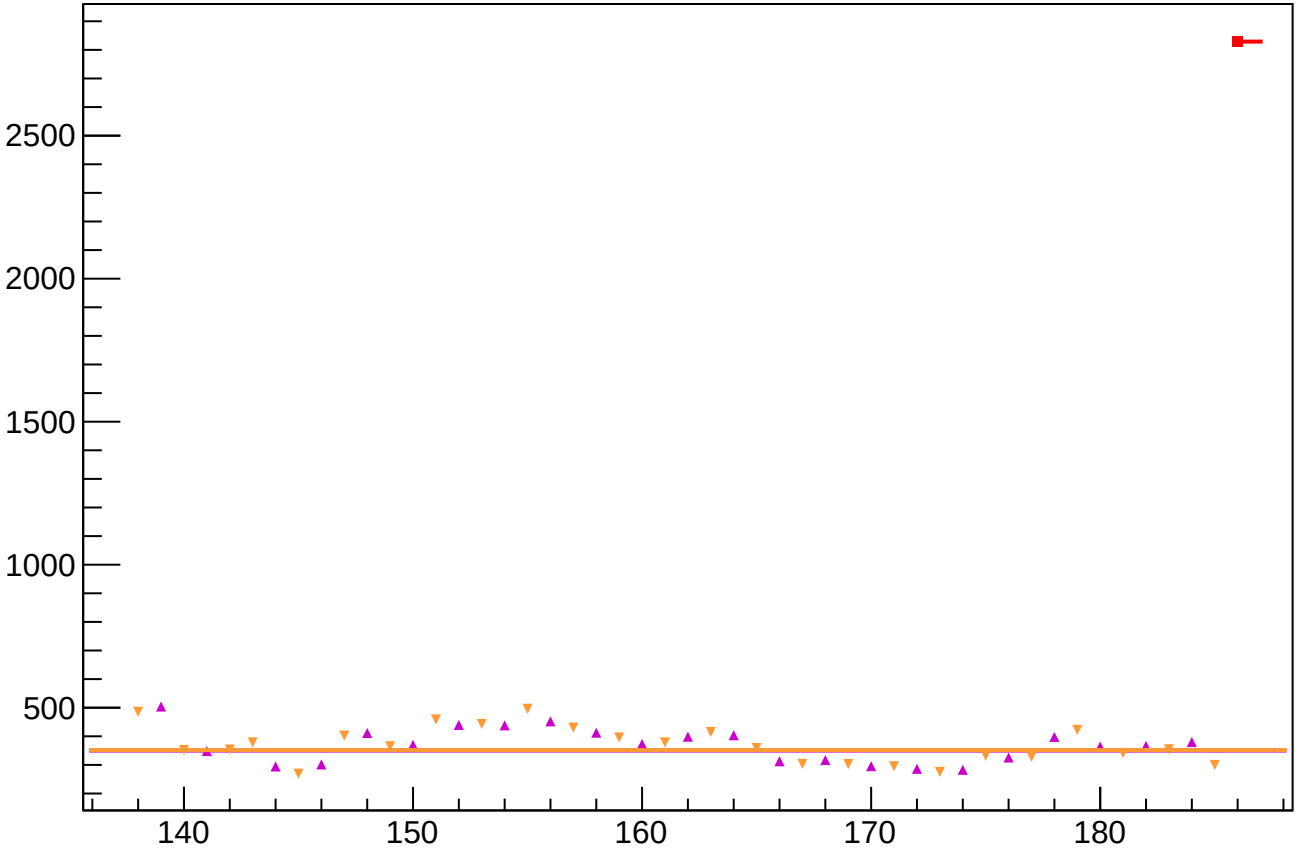
Right: 6314.741+/-4647.532 χ^2/NDF: 0.0/0

In: -19.328+/-84.679 χ^2/NDF:23.7/22

Out: 472.689+/-83.466 χ^2/NDF:60.3/25

All: 230.230+/-59.444 χ^2/NDF: 101.1/48

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 351.777+/-0.059 χ^2/NDF:1016791.1/24

Right Out: 2828.897+/-3.286 χ^2/NDF: 0.0/0

Left In: 350.037+/-0.060 χ^2/NDF:889435.7/22

Left: 350.919+/-0.042 χ^2/NDF: 1906655.0/47

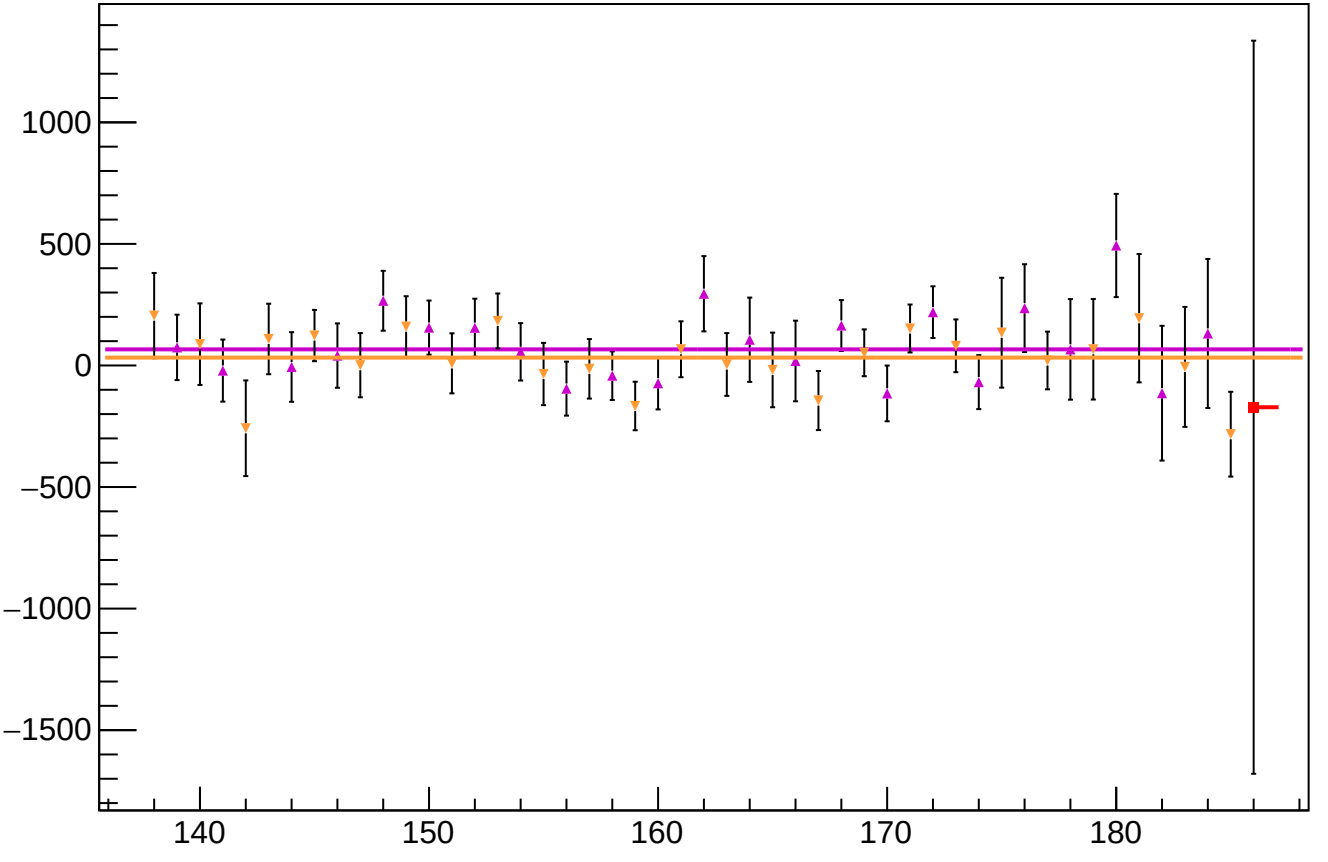
Right: 2828.897+/-3.286 χ^2/NDF: 0.0/0

In: 350.037+/-0.060 χ^2/NDF:889435.7/22

Out: 352.576+/-0.059 χ^2/NDF:1584779.1/25

All: 351.325+/-0.042 χ^2/NDF: 2475126.7/48

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 32.332+/-26.320 χ^2/NDF:19.6/24

Right Out: -171.793+/-1507.763 χ^2/NDF: 0.0/0

Left In: 66.254+/-27.450 χ^2/NDF:24.2/22

Left: 48.580+/-18.998 χ^2/NDF: 44.6/47

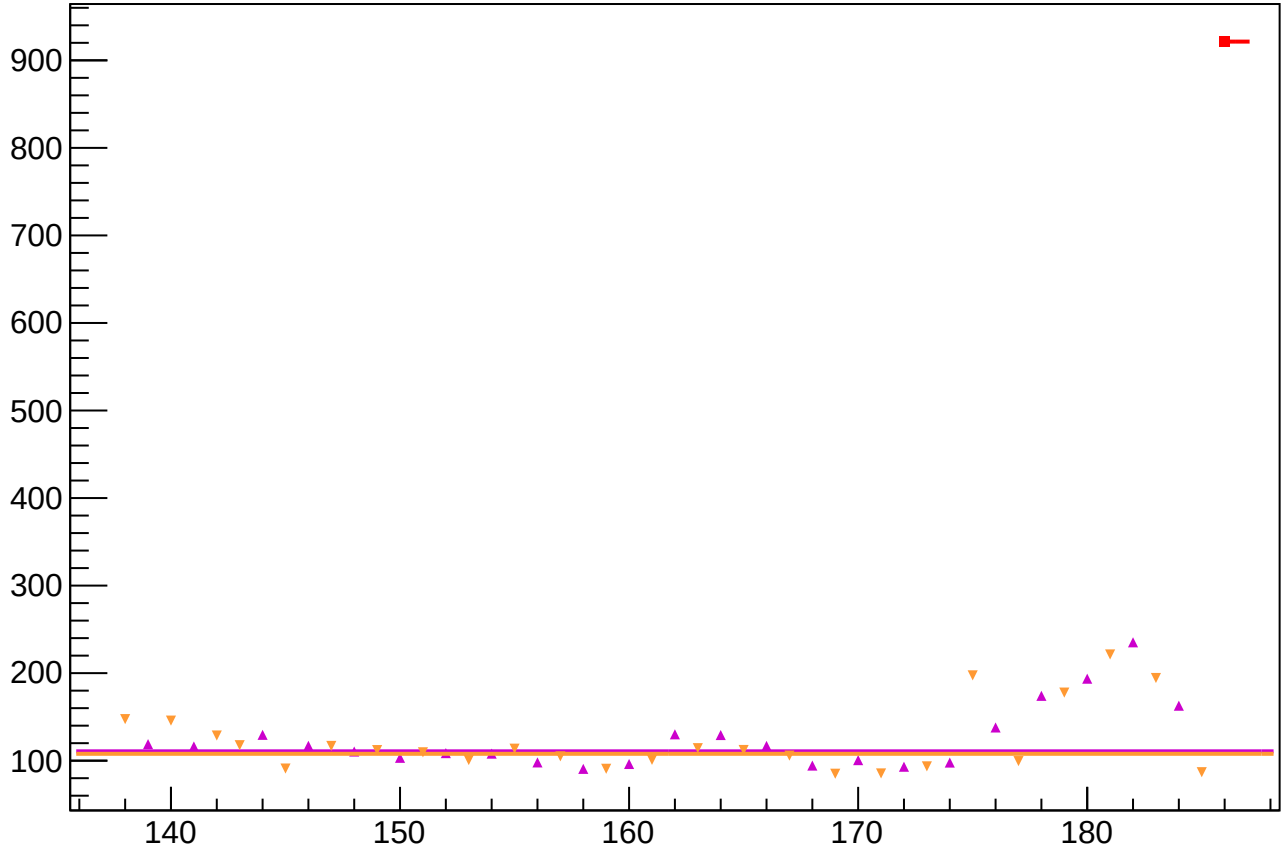
Right: -171.793+/-1507.763 χ^2/NDF: 0.0/0

In: 66.254+/-27.450 χ^2/NDF:24.2/22

Out: 32.269+/-26.316 χ^2/NDF:19.6/25

All: 48.545+/-18.997 χ^2/NDF: 44.6/48

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 107.852+/-0.019 χ^2/NDF:1833747.9/24

Right Out: 921.402+/-1.066 χ^2/NDF: 0.0/0

Left In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

Left: 109.212+/-0.013 χ^2/NDF: 3251479.0/47

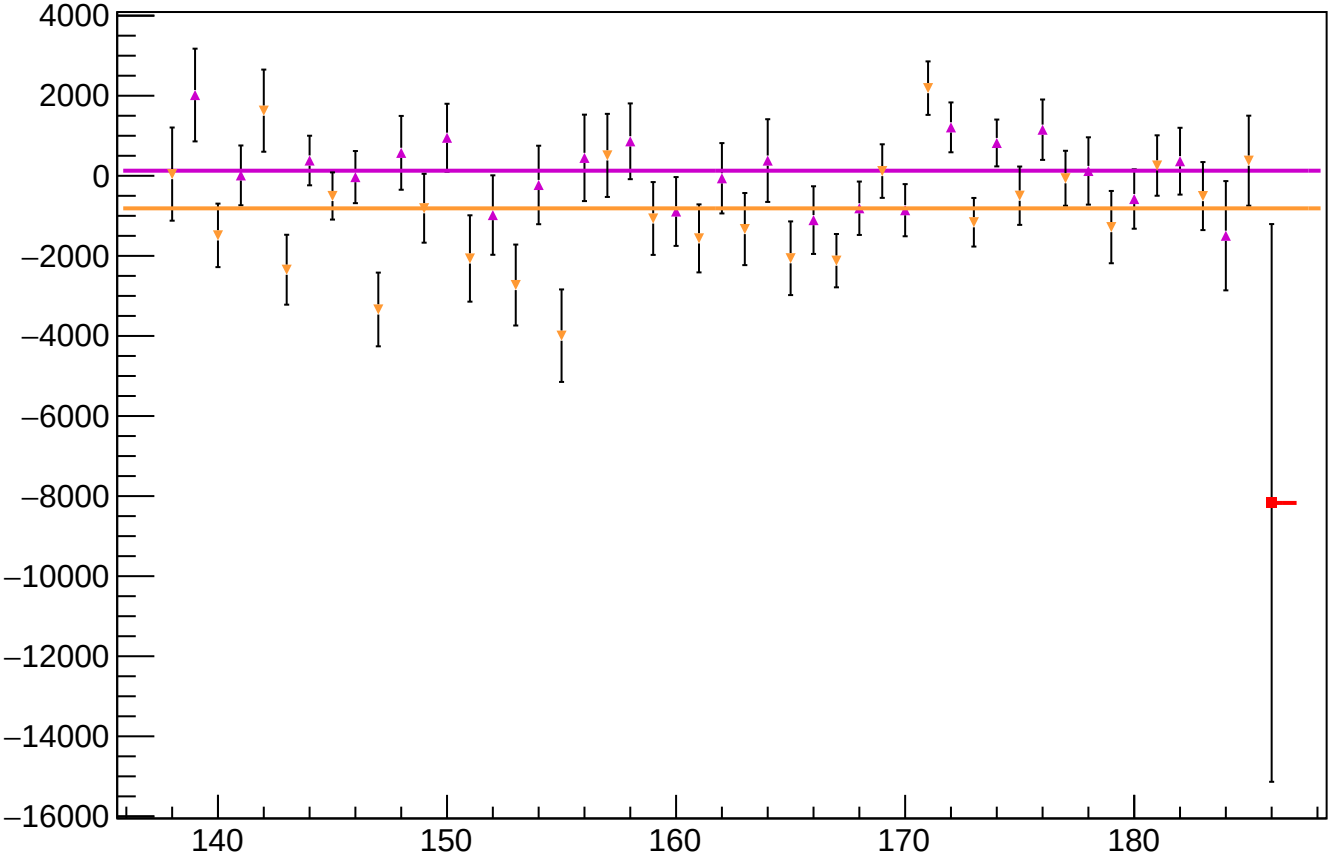
Right: 921.402+/-1.066 χ^2/NDF: 0.0/0

In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

Out: 108.100+/-0.019 χ^2/NDF:2415850.1/25

All: 109.341+/-0.013 χ^2/NDF: 3831721.7/48

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -813.029+/-164.102 χ^2/NDF:66.2/24

Right Out: -8170.712+/-6965.269 χ^2/NDF: 0.0/0

Left In: 127.427+/-166.308 χ^2/NDF:22.8/22

Left: -349.081+/-116.810 χ^2/NDF: 105.2/47

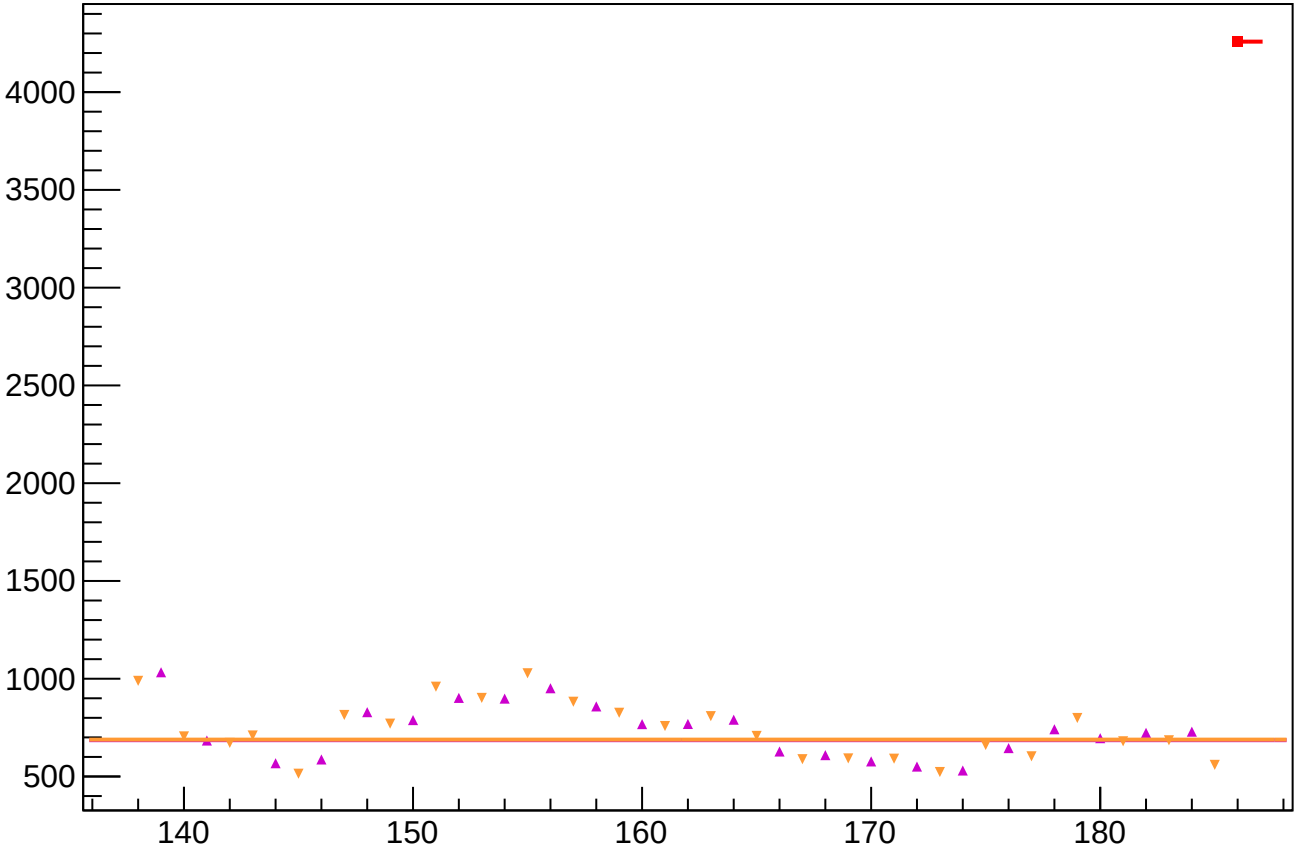
Right: -8170.712+/-6965.269 χ^2/NDF: 0.0/0

In: 127.427+/-166.308 χ^2/NDF:22.8/22

Out: -817.111+/-164.057 χ^2/NDF:67.3/25

All: -351.280+/-116.793 χ^2/NDF: 106.4/48

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 688.513+/-0.116 χ^2/NDF:1287701.8/24

Right Out: 4258.237+/-4.925 χ^2/NDF: 0.0/0

Left In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

Left: 687.142+/-0.083 χ^2/NDF: 2444248.5/47

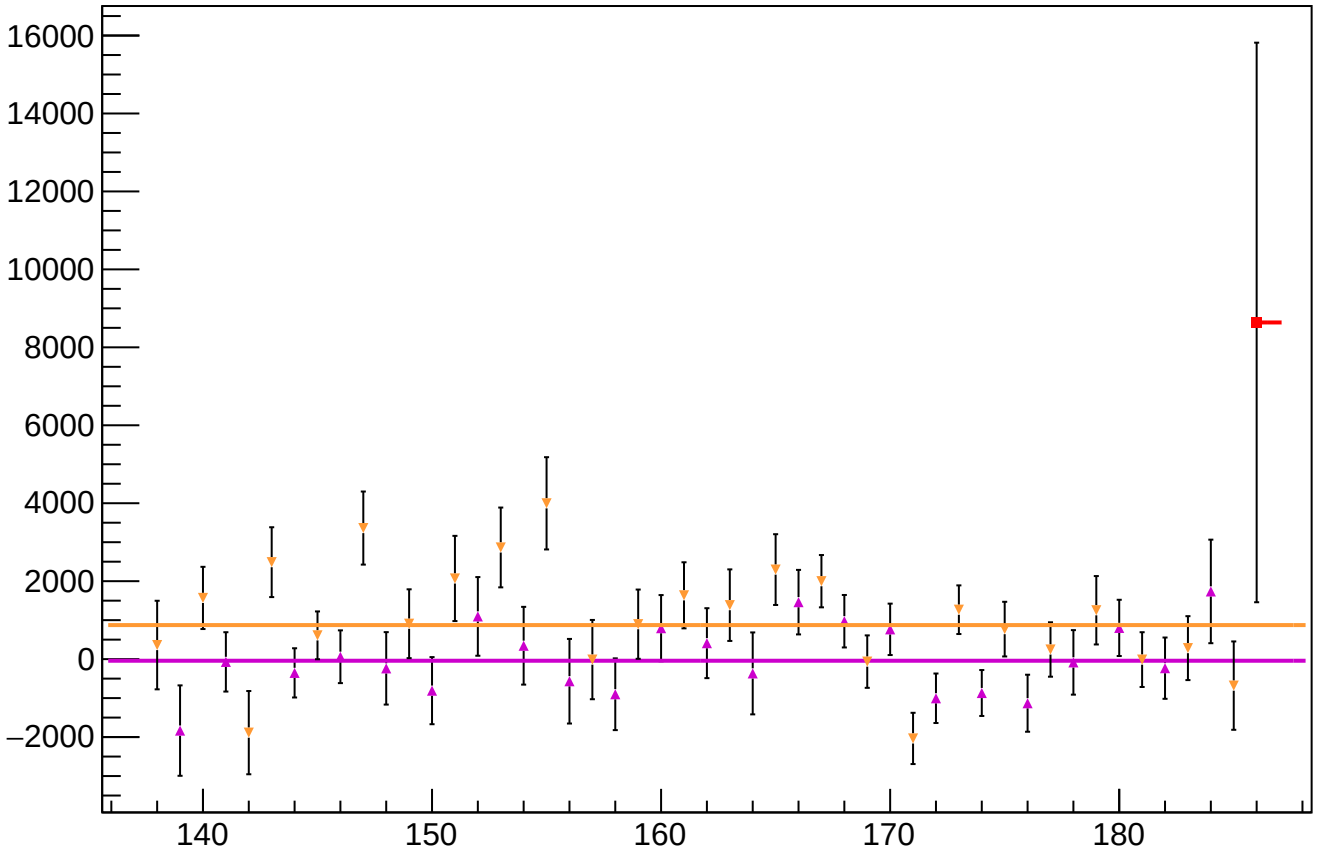
Right: 4258.237+/-4.925 χ^2/NDF: 0.0/0

In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

Out: 690.493+/-0.116 χ^2/NDF:1812730.1/25

All: 688.146+/-0.083 χ^2/NDF: 2969824.0/48

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 873.446+/-164.269 χ^2/NDF:64.1/24

Right Out: 8638.169+/-7178.781 χ^2/NDF: 0.0/0

Left In: -41.522+/-166.728 χ^2/NDF:24.1/22

Left: 422.759+/-117.015 χ^2/NDF: 103.5/47

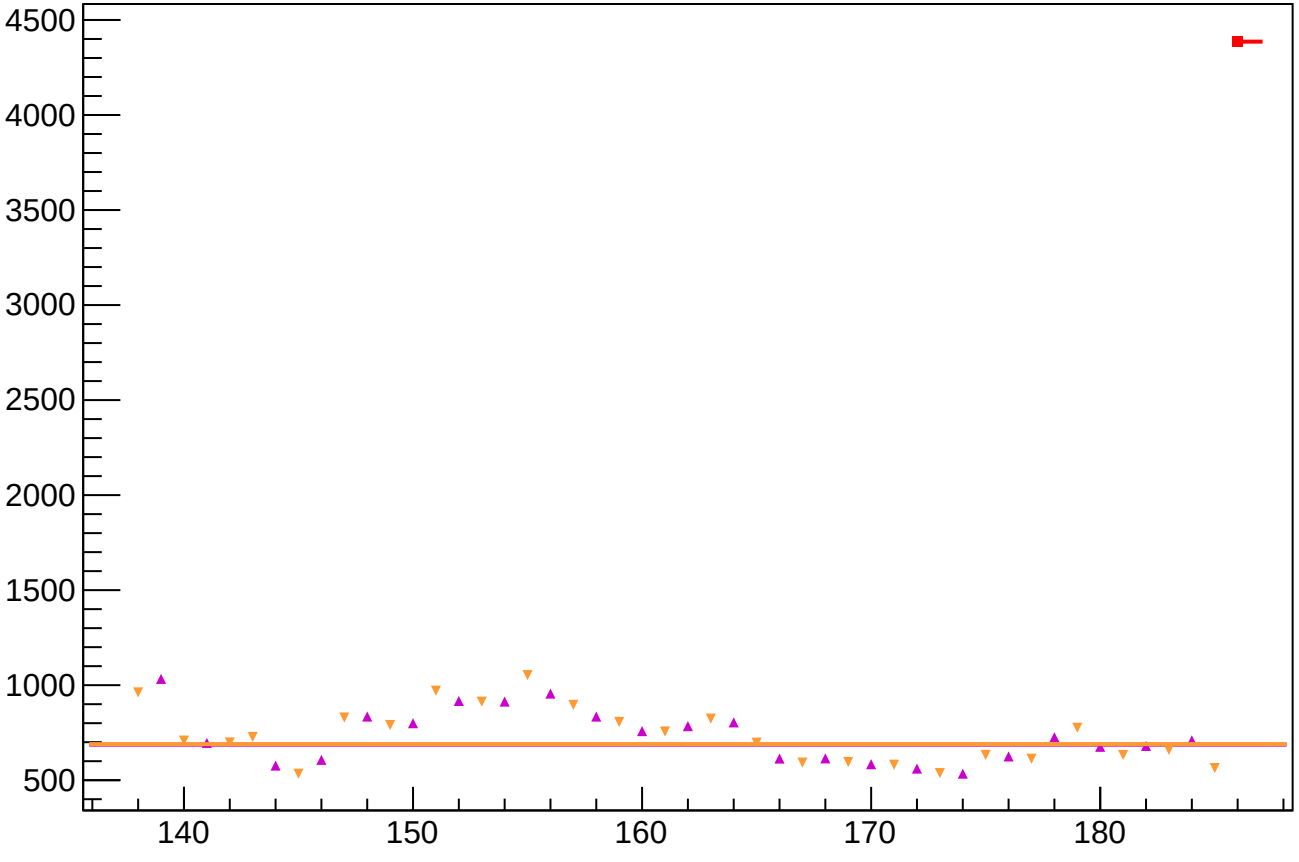
Right: 8638.169+/-7178.781 χ^2/NDF: 0.0/0

In: -41.522+/-166.728 χ^2/NDF:24.1/22

Out: 877.510+/-164.226 χ^2/NDF:65.3/25

All: 424.941+/-117.000 χ^2/NDF: 104.8/48

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 689.767+/-0.116 χ^2/NDF:1258608.7/24

Right Out: 4386.042+/-5.076 χ^2/NDF: 0.0/0

Left In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

Left: 688.376+/-0.083 χ^2/NDF: 2374942.1/47

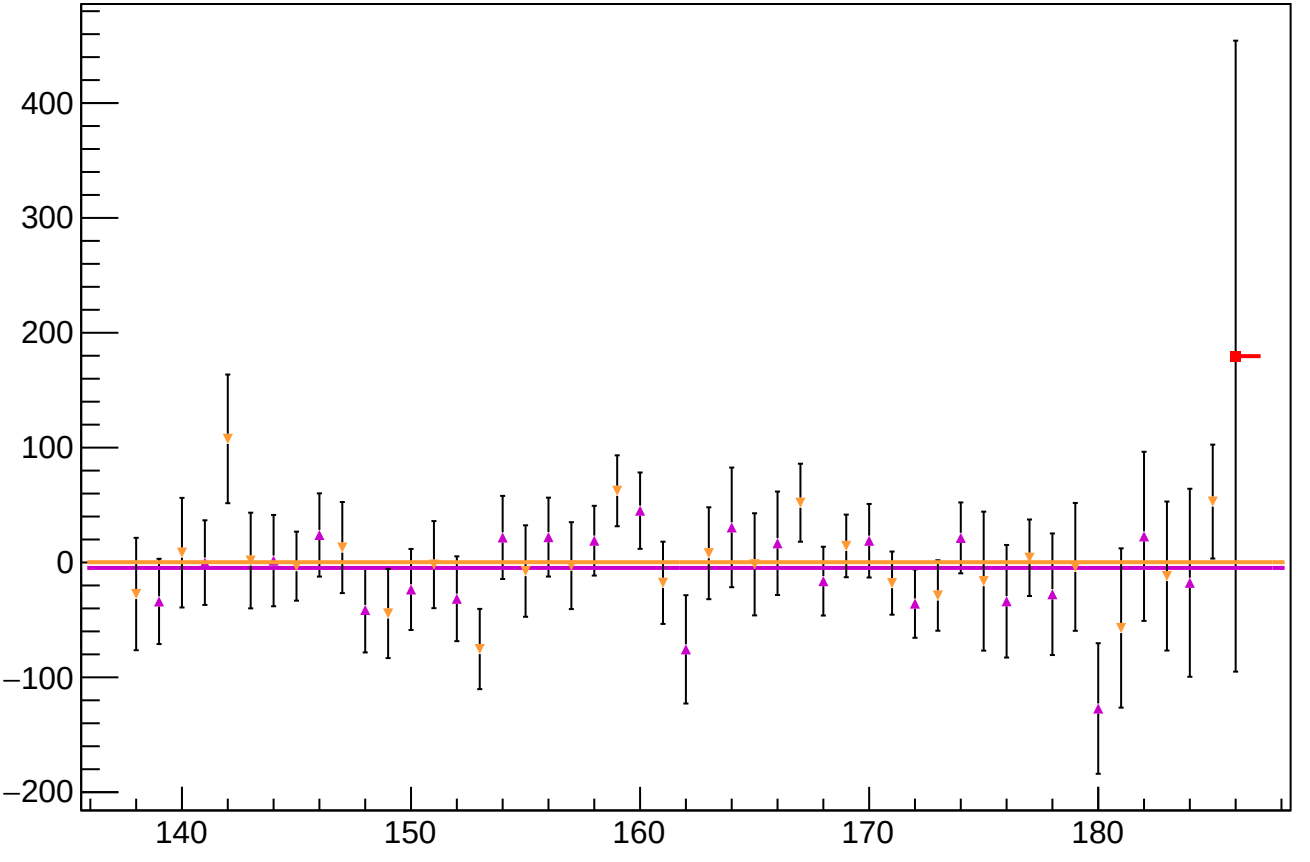
Right: 4386.042+/-5.076 χ^2/NDF: 0.0/0

In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

Out: 691.701+/-0.116 χ^2/NDF:1788552.5/25

All: 689.358+/-0.083 χ^2/NDF: 2905421.3/48

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.254+/-7.690 χ^2/NDF:20.4/24

Right Out: 179.642+/-274.680 χ^2/NDF: 0.0/0

Left In: -4.745+/-7.976 χ^2/NDF:17.9/22

Left: -2.154+/-5.536 χ^2/NDF: 38.5/47

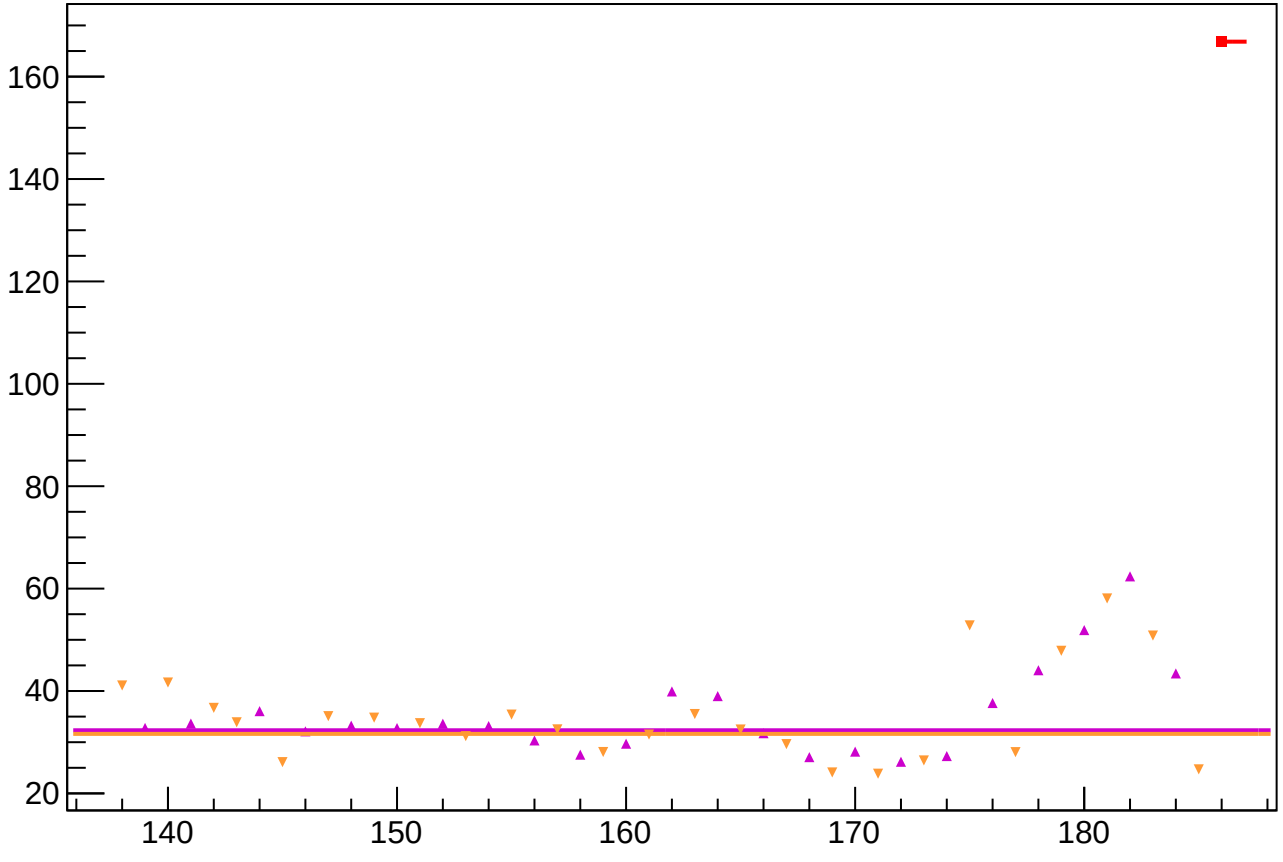
Right: 179.642+/-274.680 χ^2/NDF: 0.0/0

In: -4.745+/-7.976 χ^2/NDF:17.9/22

Out: 0.395+/-7.687 χ^2/NDF:20.8/25

All: -2.081+/-5.535 χ^2/NDF: 38.9/48

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 31.624+/-0.005 χ^2/NDF:1673431.1/24

Right Out: 166.829+/-0.194 χ^2/NDF: 0.0/0

Left In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

Left: 31.965+/-0.004 χ^2/NDF: 2823070.9/47

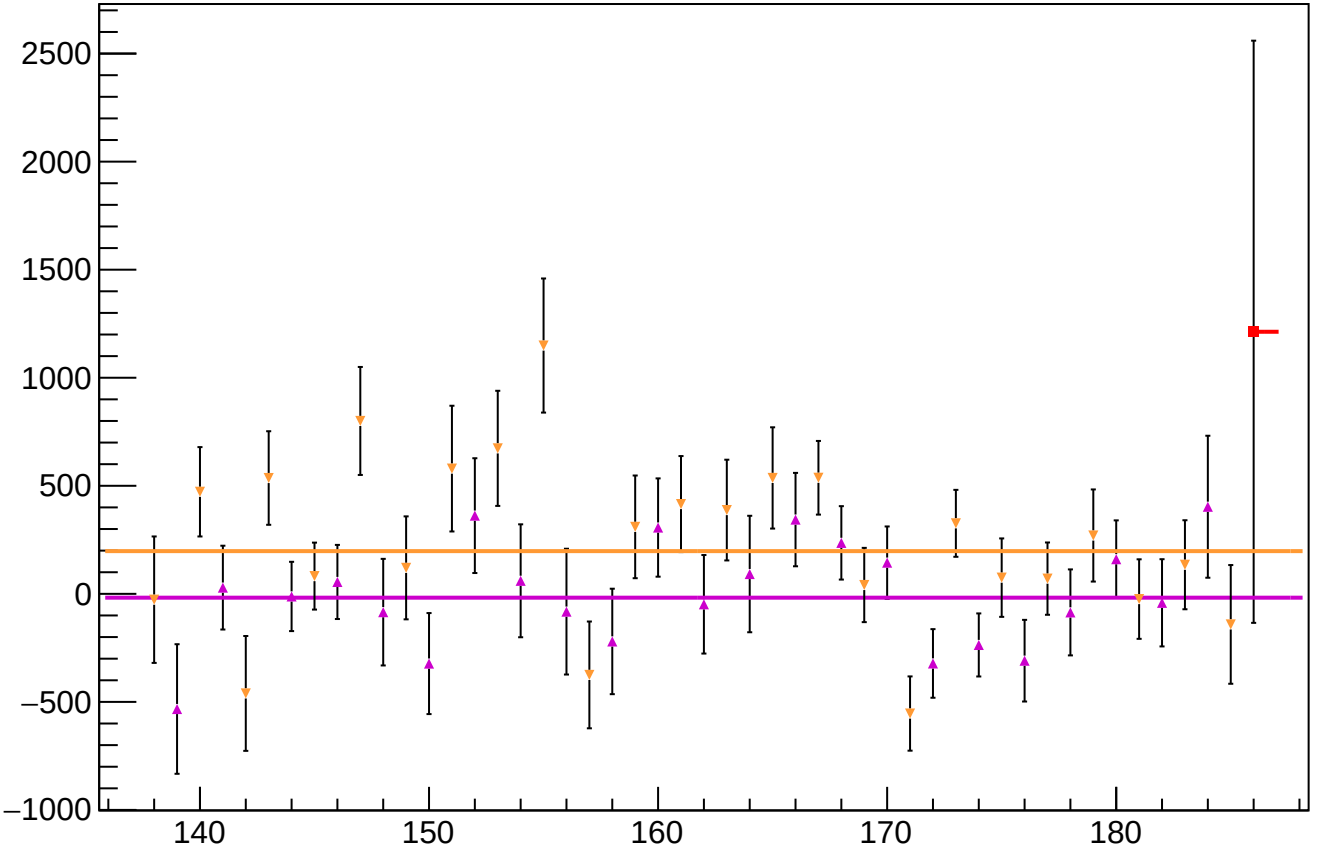
Right: 166.829+/-0.194 χ^2/NDF: 0.0/0

In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

Out: 31.730+/-0.005 χ^2/NDF:2157627.2/25

All: 32.020+/-0.004 χ^2/NDF: 3305013.1/48

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 197.682+/-41.831 χ^2/NDF:69.9/24

Right Out: 1212.749+/-1346.998 χ^2/NDF: 0.0/0

Left In: -17.742+/-42.576 χ^2/NDF:27.1/22

Left: 91.870+/-29.839 χ^2/NDF: 110.0/47

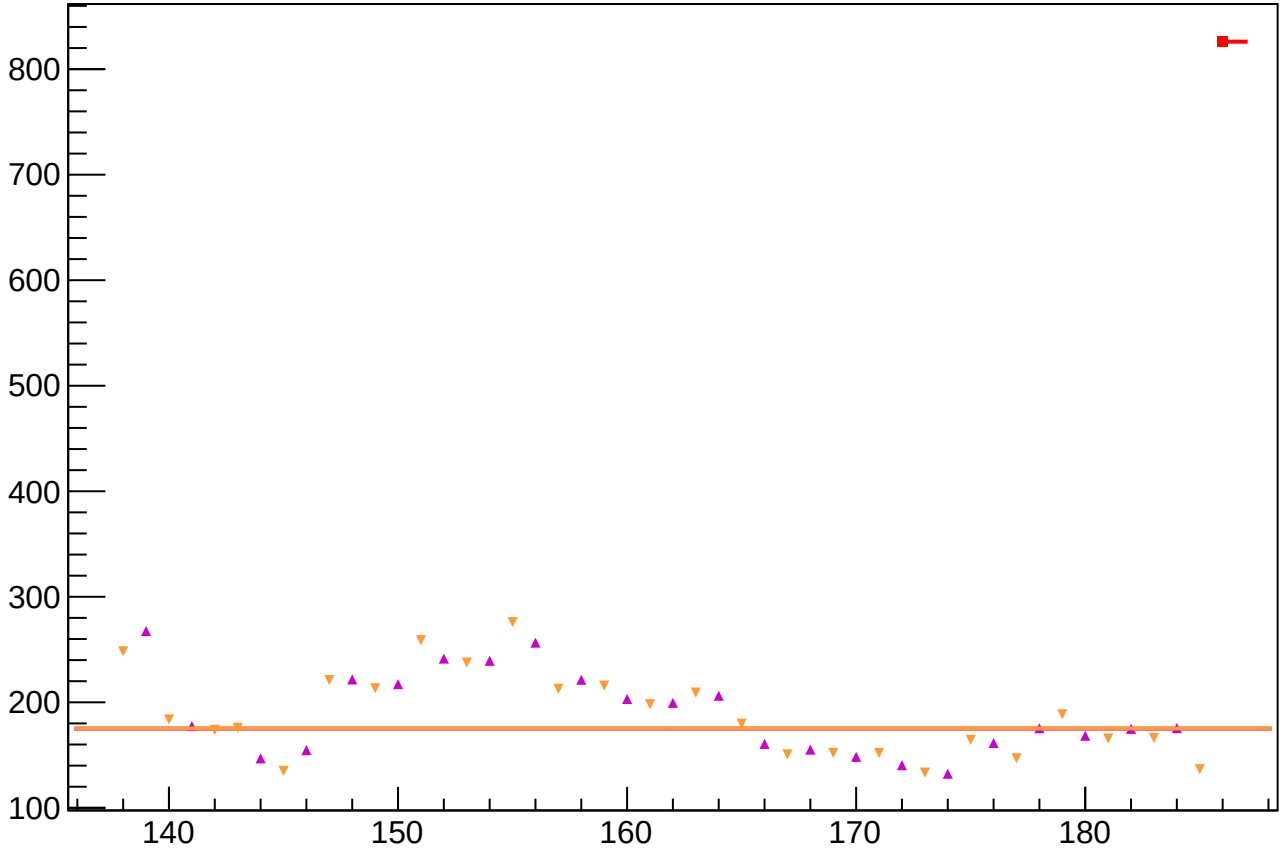
Right: 1212.749+/-1346.998 χ^2/NDF: 0.0/0

In: -17.742+/-42.576 χ^2/NDF:27.1/22

Out: 198.660+/-41.811 χ^2/NDF:70.4/25

All: 92.420+/-29.832 χ^2/NDF: 110.7/48

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 175.207+/-0.030 χ^2/NDF:1418225.0/24

Right Out: 826.050+/-0.952 χ^2/NDF: 0.0/0

Left In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

Left: 175.130+/-0.021 χ^2/NDF: 2757993.8/47

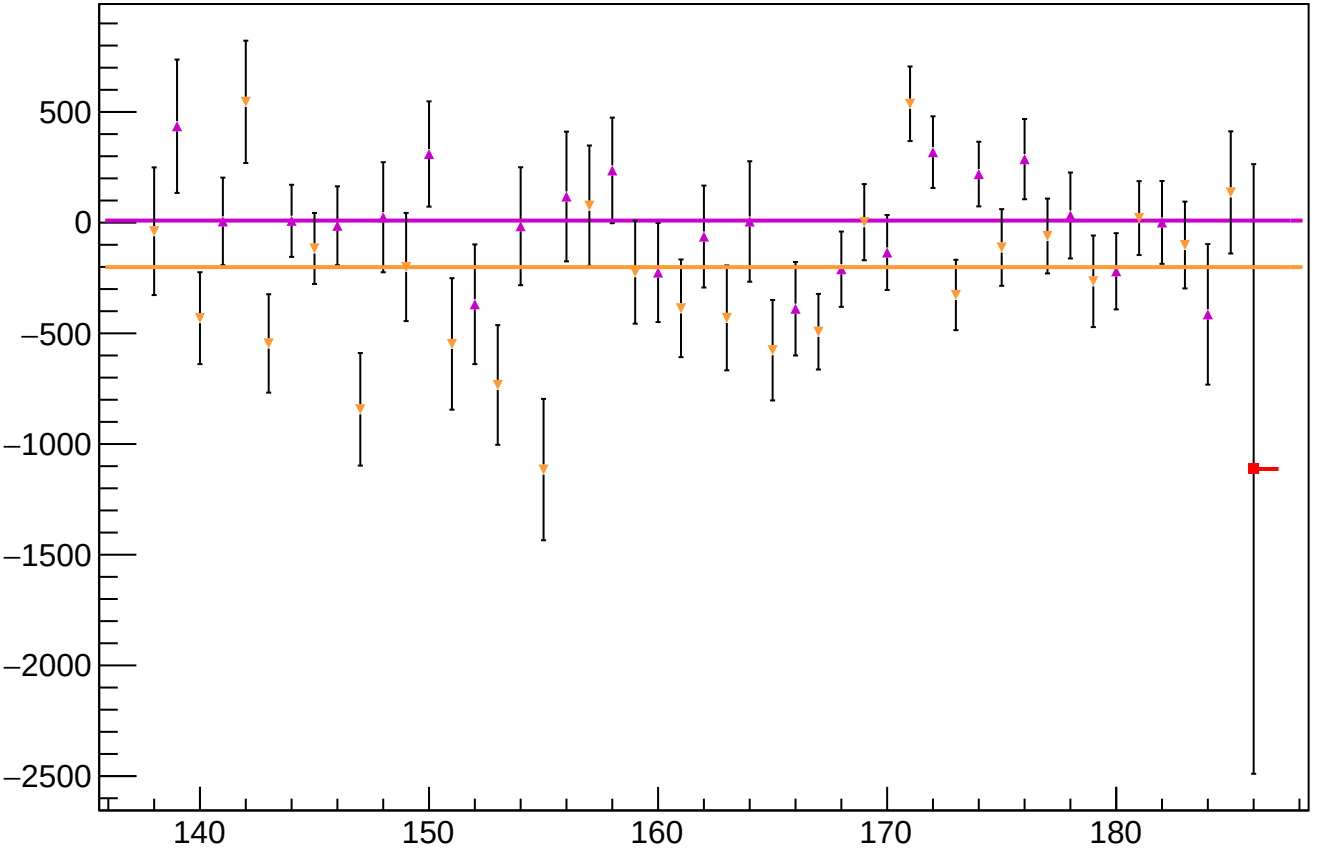
Right: 826.050+/-0.952 χ^2/NDF: 0.0/0

In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

Out: 175.834+/-0.030 χ^2/NDF:1884701.3/25

All: 175.450+/-0.021 χ^2/NDF: 3224801.1/48

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -200.930+/-41.741 χ^2/NDF:65.5/24

Right Out: -1112.654+/-1376.970 χ^2/NDF: 0.0/0

Left In: 9.384+/-42.437 χ^2/NDF:25.4/22

Left: -97.511+/-29.758 χ^2/NDF: 103.4/47

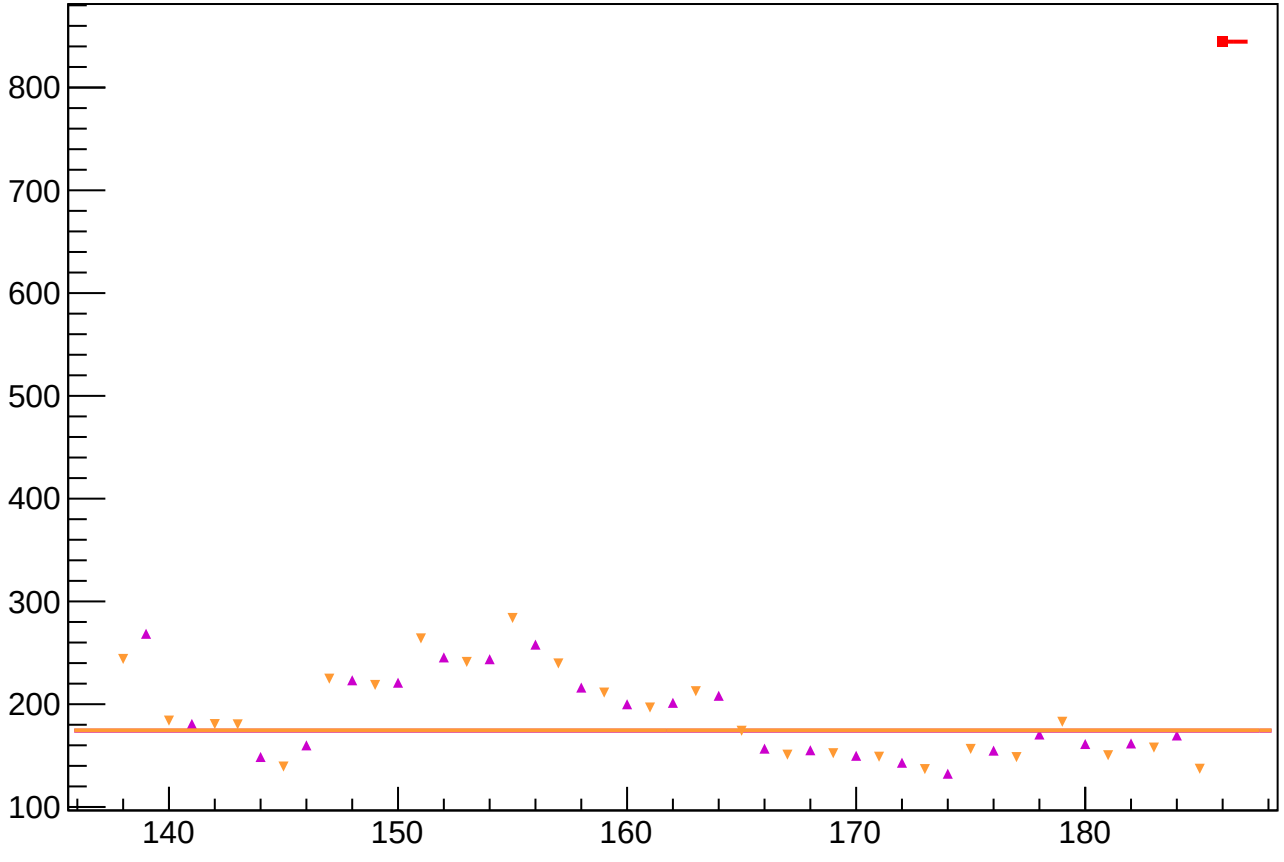
Right: -1112.654+/-1376.970 χ^2/NDF: 0.0/0

In: 9.384+/-42.437 χ^2/NDF:25.4/22

Out: -201.767+/-41.722 χ^2/NDF:65.9/25

All: -97.985+/-29.752 χ^2/NDF: 103.9/48

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 174.567+/-0.030 χ^2/NDF:1532900.3/24

Right Out: 844.622+/-0.974 χ^2/NDF: 0.0/0

Left In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

Left: 174.395+/-0.021 χ^2/NDF: 2897570.3/47

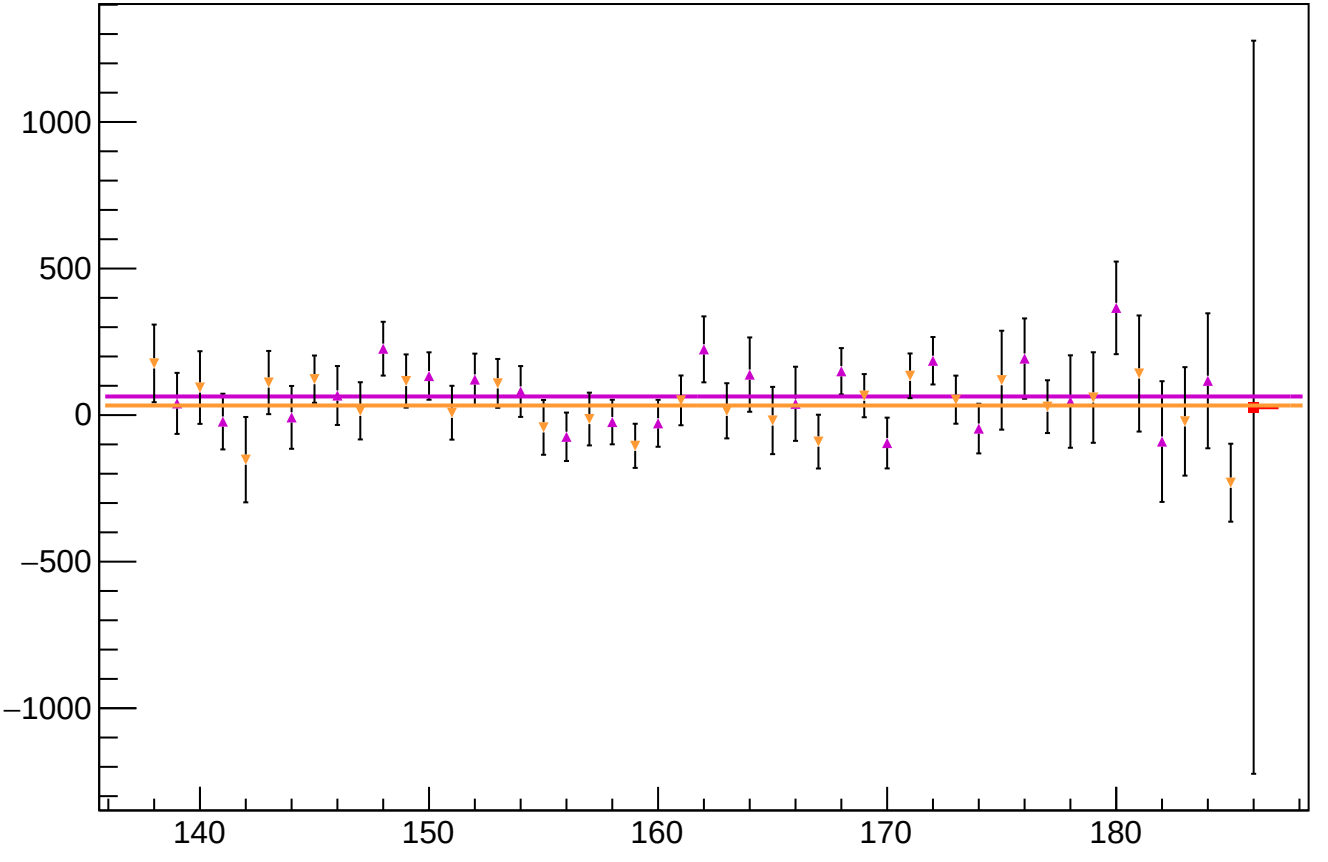
Right: 844.622+/-0.974 χ^2/NDF: 0.0/0

In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

Out: 175.182+/-0.030 χ^2/NDF:2006055.6/25

All: 174.708+/-0.021 χ^2/NDF: 3371182.4/48

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 32.793+/-19.705 χ^2/NDF:19.5/24

Right Out: 26.835+/-1250.577 χ^2/NDF: 0.0/0

Left In: 63.566+/-20.573 χ^2/NDF:27.2/22

Left: 47.517+/-14.231 χ^2/NDF: 47.9/47

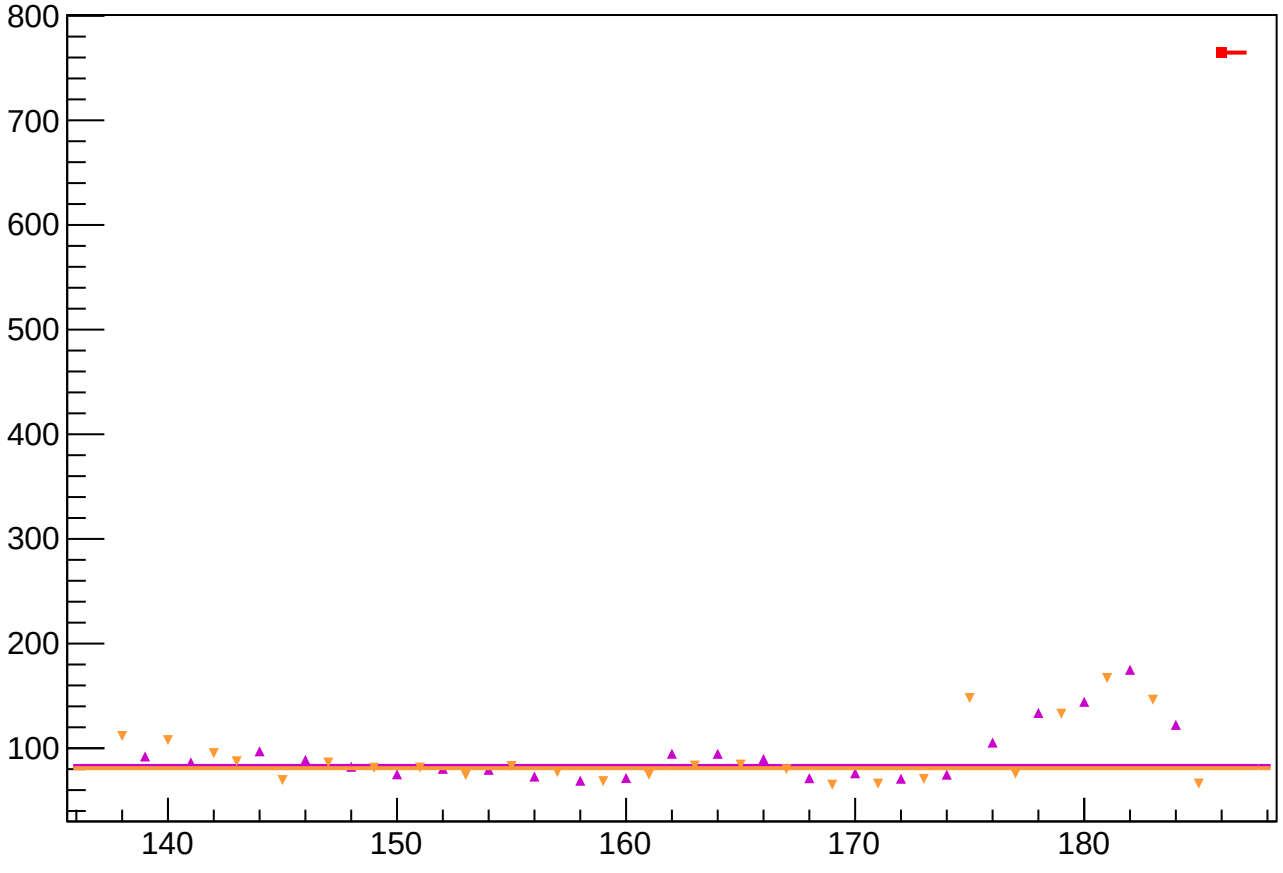
Right: 26.835+/-1250.577 χ^2/NDF: 0.0/0

In: 63.566+/-20.573 χ^2/NDF:27.2/22

Out: 32.792+/-19.703 χ^2/NDF:19.5/25

All: 47.514+/-14.230 χ^2/NDF: 47.9/48

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 80.926+/-0.014 χ^2/NDF:1760910.0/24

Right Out: 764.705+/-0.884 χ^2/NDF: 0.0/0

Left In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

Left: 81.952+/-0.010 χ^2/NDF: 3177364.3/47

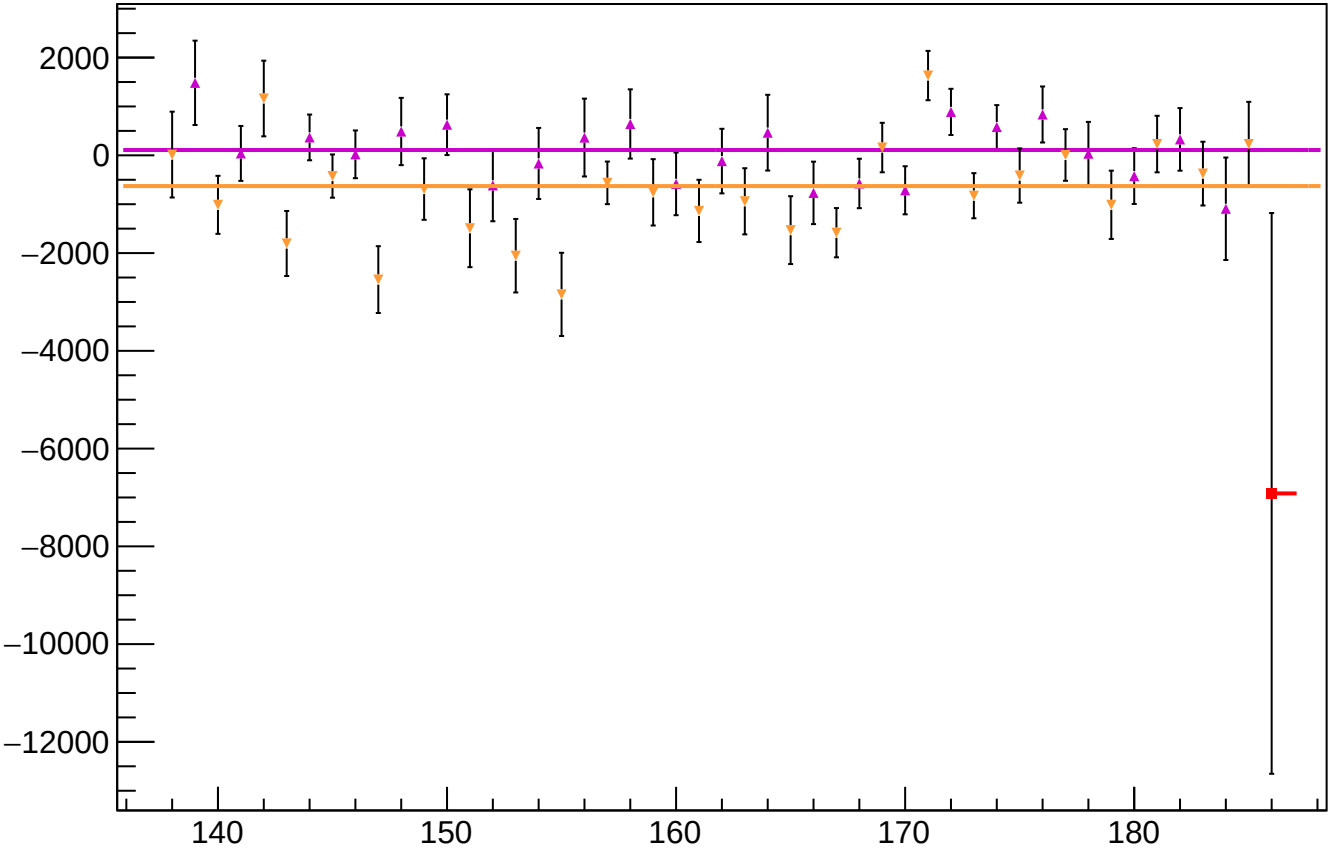
Right: 764.705+/-0.884 χ^2/NDF: 0.0/0

In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

Out: 81.096+/-0.014 χ^2/NDF:2358677.4/25

All: 82.041+/-0.010 χ^2/NDF: 3773410.1/48

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -629.005+/-120.608 χ^2/NDF:63.2/24

Right Out: -6916.957+/-5736.411 χ^2/NDF: 0.0/0

Left In: 108.821+/-125.527 χ^2/NDF:21.4/22

Left: -274.832+/-86.970 χ^2/NDF: 102.6/47

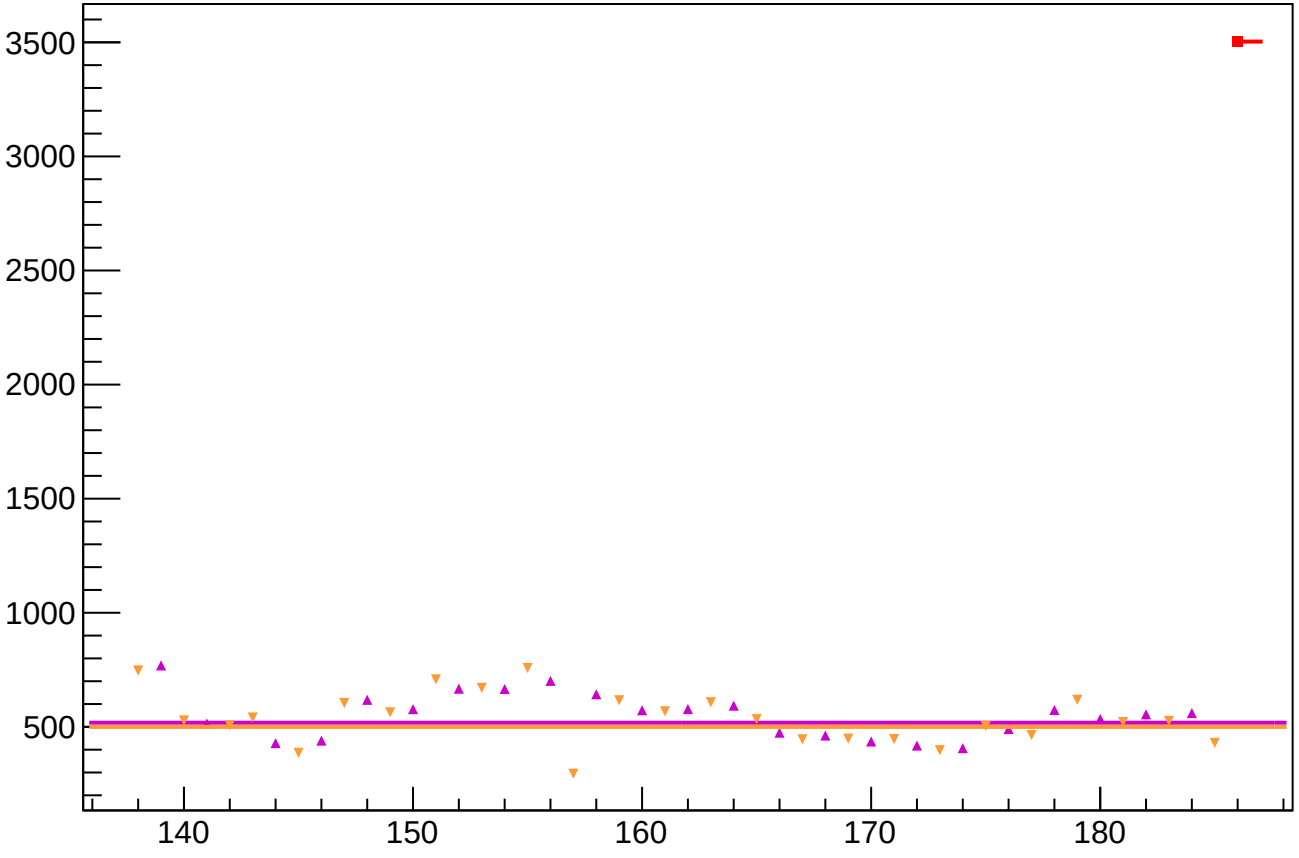
Right: -6916.957+/-5736.411 χ^2/NDF: 0.0/0

In: 108.821+/-125.527 χ^2/NDF:21.4/22

Out: -631.783+/-120.581 χ^2/NDF:64.4/25

All: -276.359+/-86.960 χ^2/NDF: 103.9/48

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 499.813+/-0.085 χ^2/NDF:1626530.8/24

Right Out: 3503.178+/-4.056 χ^2/NDF: 0.0/0

Left In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

Left: 508.660+/-0.061 χ^2/NDF: 2720944.9/47

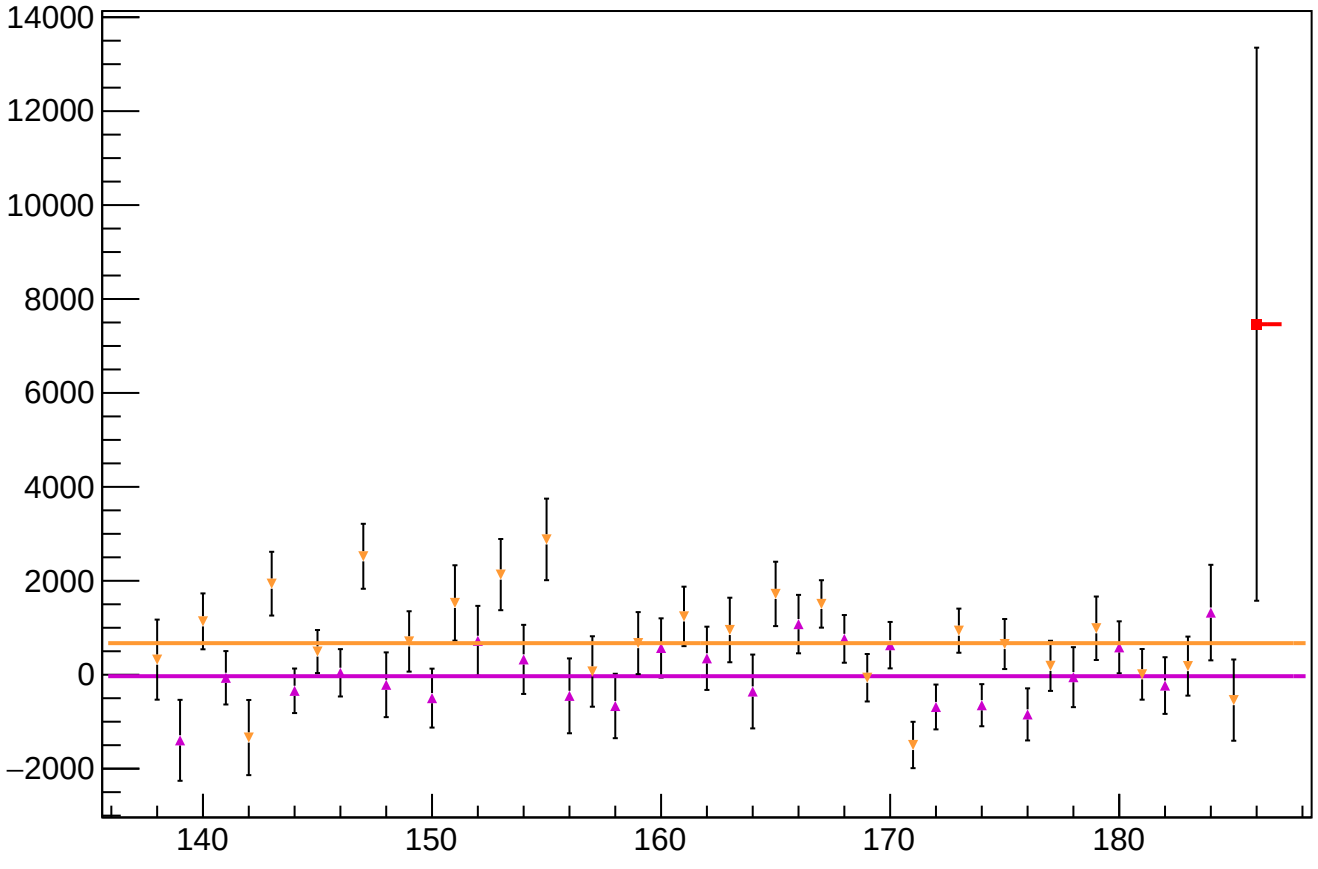
Right: 3503.178+/-4.056 χ^2/NDF: 0.0/0

In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

Out: 501.140+/-0.085 χ^2/NDF:2174522.4/25

All: 509.349+/-0.061 χ^2/NDF: 3265828.3/48

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 672.498+/-123.428 χ^2/NDF:62.8/24

Right Out: 7463.380+/-5887.982 χ^2/NDF: 0.0/0

Left In: -31.056+/-125.236 χ^2/NDF:23.8/22

Left: 325.838+/-87.909 χ^2/NDF: 102.6/47

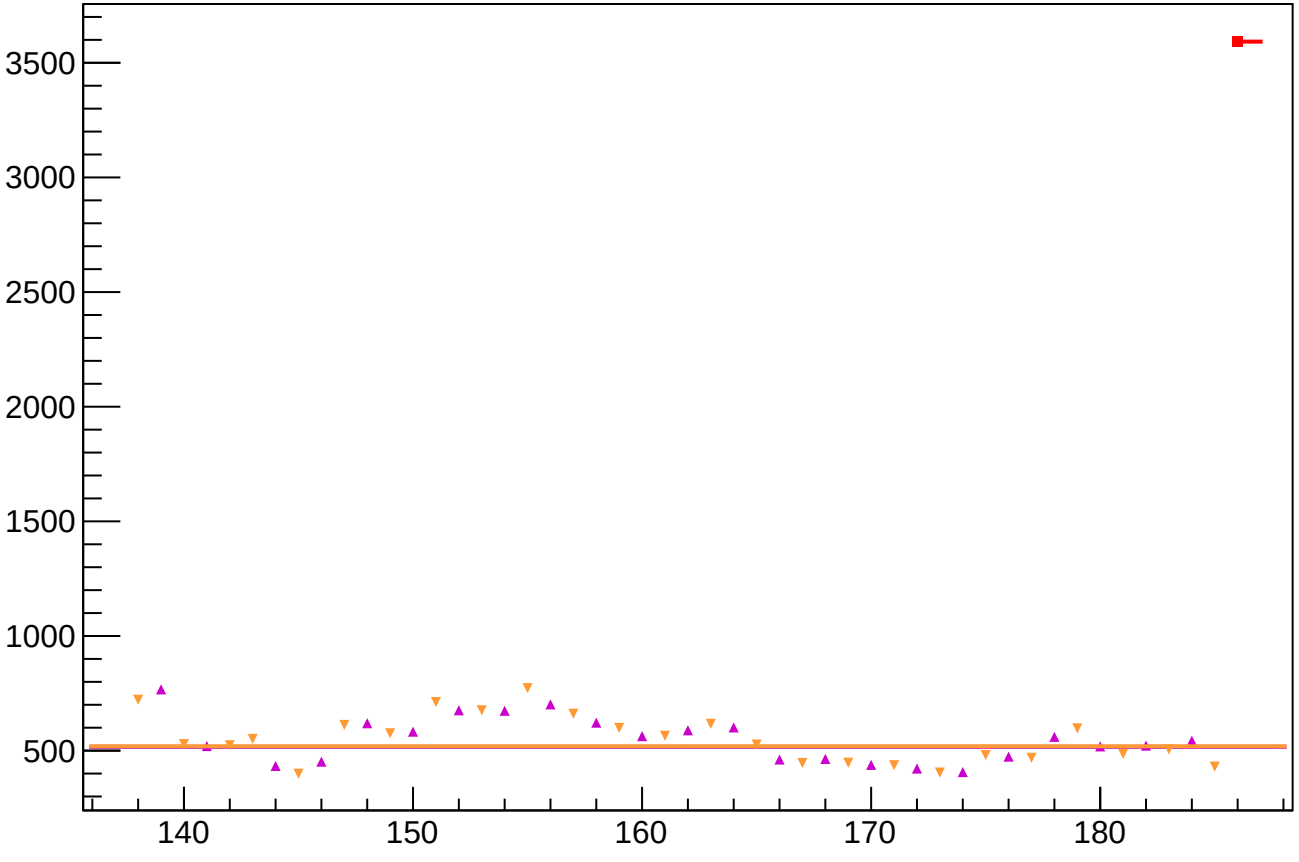
Right: 7463.380+/-5887.982 χ^2/NDF: 0.0/0

In: -31.056+/-125.236 χ^2/NDF:23.8/22

Out: 675.481+/-123.401 χ^2/NDF:64.1/25

All: 327.428+/-87.899 χ^2/NDF: 104.1/48

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 518.935+/-0.087 χ^2/NDF:1172613.9/24

Right Out: 3592.334+/-4.163 χ^2/NDF: 0.0/0

Left In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

Left: 517.782+/-0.062 χ^2/NDF: 2209061.2/47

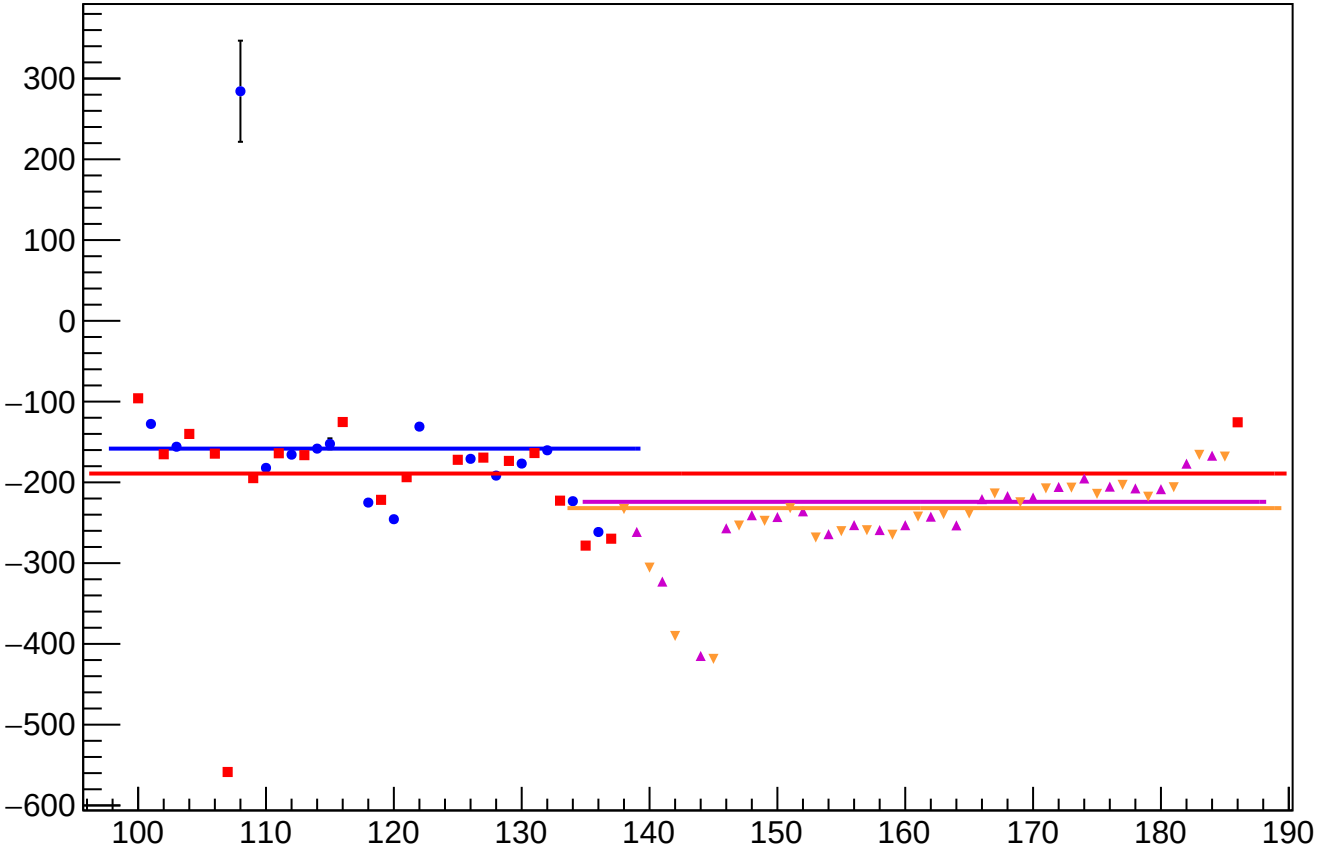
Right: 3592.334+/-4.163 χ^2/NDF: 0.0/0

In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

Out: 520.285+/-0.087 χ^2/NDF:1717297.4/25

All: 518.467+/-0.062 χ^2/NDF: 2754271.6/48

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -231.902+/-0.108 χ^2/NDF:110473.4/23

Right Out: -189.071+/-0.159 χ^2/NDF: 189641.5/18

Left In: -224.103+/-0.098 χ^2/NDF:153347.0/22

Left: -227.631+/-0.073 χ^2/NDF: 266668.8/46

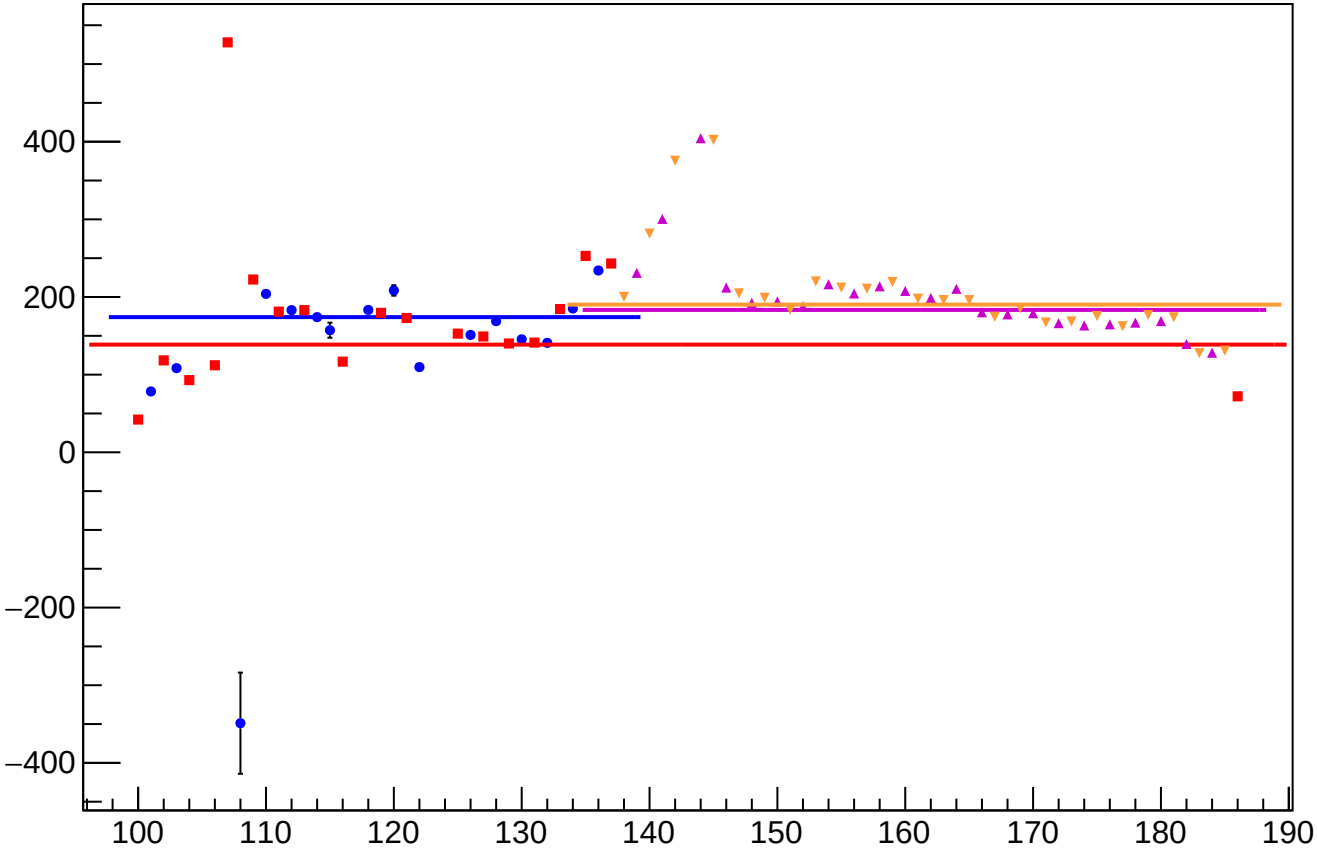
Right: -158.222+/-0.000 χ^2/NDF: 344561.5/34

In: -158.222+/-0.000 χ^2/NDF:719836.9/38

Out: -218.328+/-0.089 χ^2/NDF:349825.4/42

All: -158.222+/-0.000 χ^2/NDF: 1521869.2/81

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 190.208+/-0.109 χ^2/NDF:99613.5/23

Right Out: 138.666+/-0.181 χ^2/NDF: 190818.2/18

Left In: 183.362+/-0.099 χ^2/NDF:155441.6/22

Left: 186.466+/-0.073 χ^2/NDF: 257224.0/46

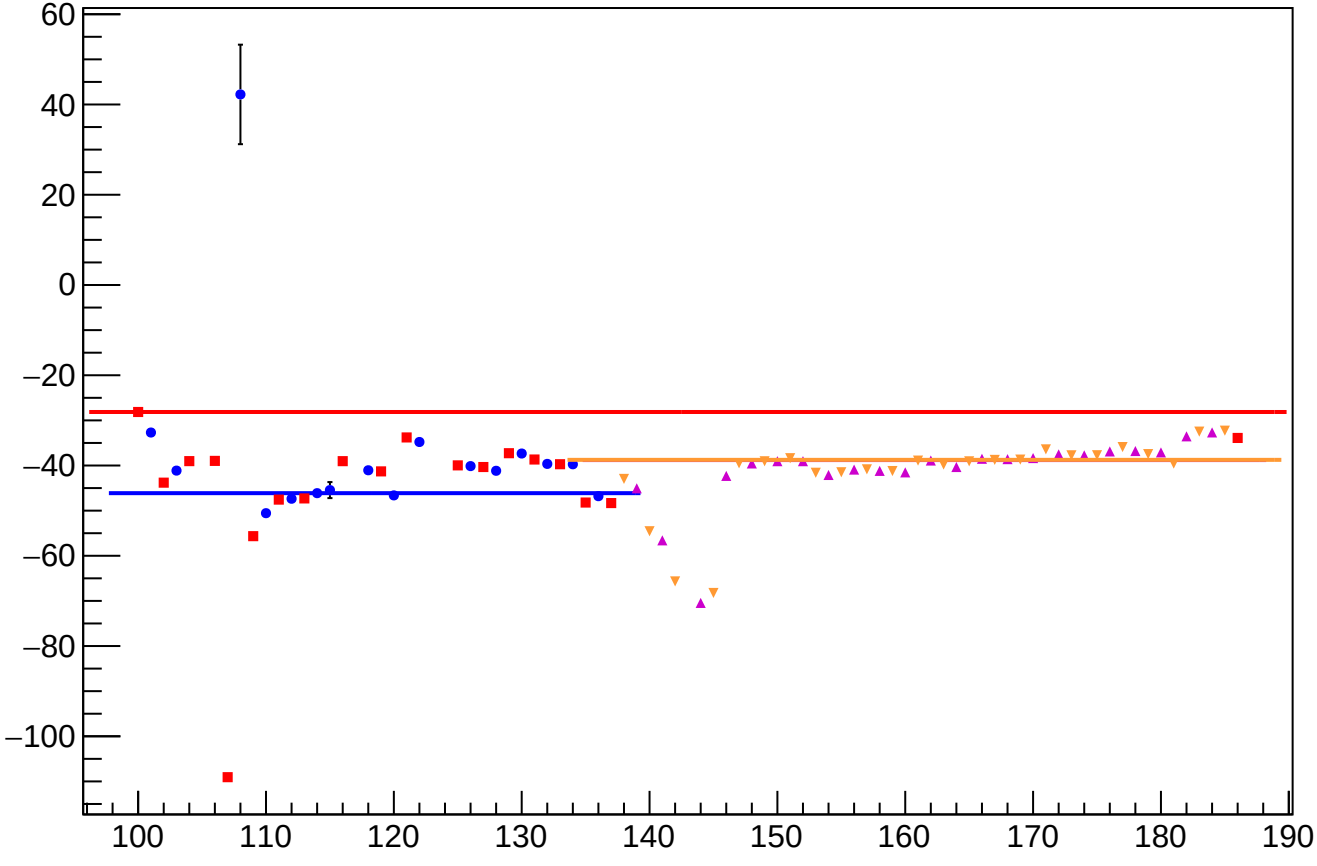
Right: 174.085+/-0.000 χ^2/NDF: 282563.8/34

In: 174.085+/-0.000 χ^2/NDF:217604.9/38

Out: 176.532+/-0.093 χ^2/NDF:350123.2/42

All: 174.085+/-0.000 χ^2/NDF: 568418.6/81

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -38.745+/-0.006 χ^2/NDF:400638.0/23

Right Out: -28.139+/-0.000 χ^2/NDF: 757997.9/18

Left In: -38.794+/-0.007 χ^2/NDF:321993.9/22

Left: -38.767+/-0.004 χ^2/NDF: 722662.8/46

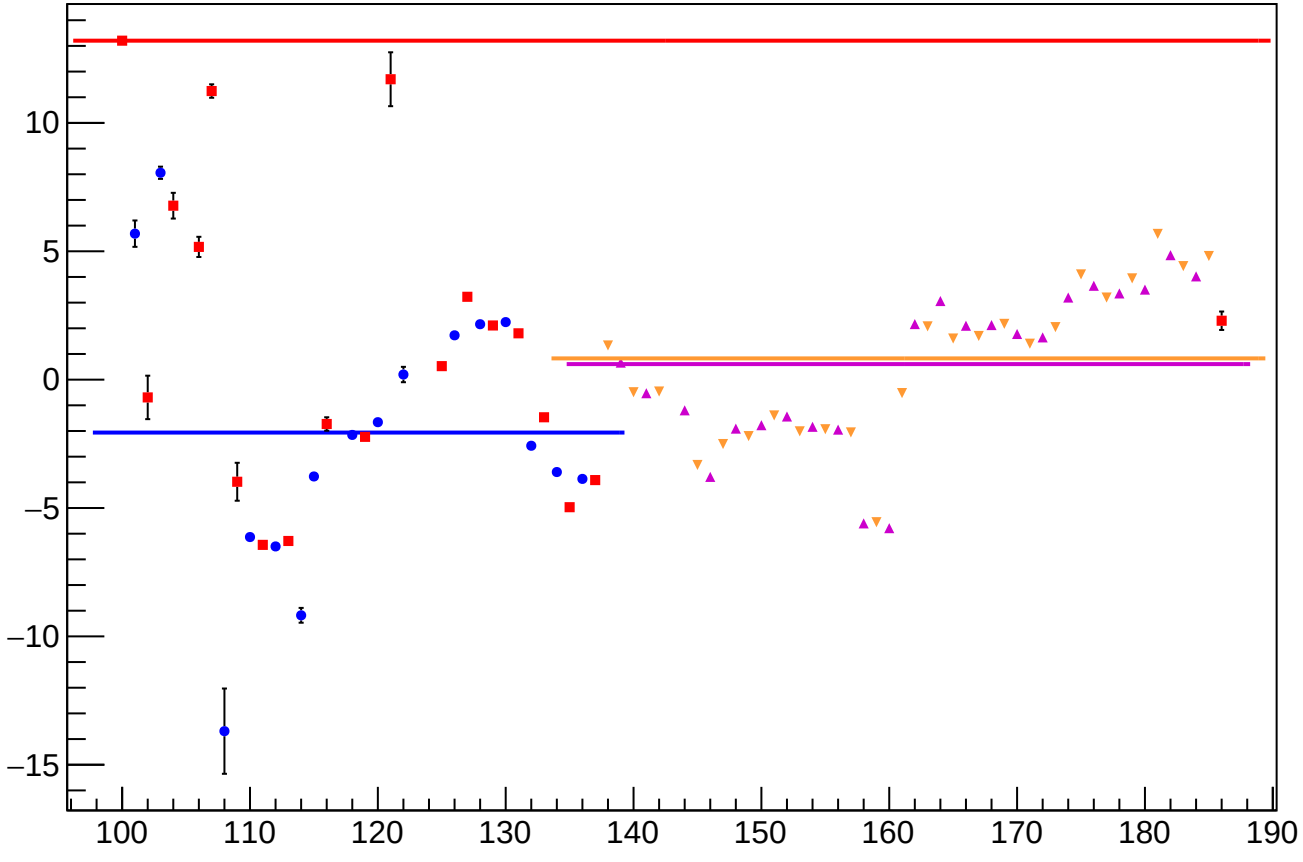
Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:1779001.9/38

Out: -28.139+/-0.000 χ^2/NDF:4415091.3/42

All: -39.778+/-0.000 χ^2/NDF: 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: 0.828+/-0.006 χ^2/NDF:255303.5/23

Right Out: 13.204+/-0.000 χ^2/NDF: 510645.0/18

Left In: 0.606+/-0.005 χ^2/NDF:331282.7/22

Left: 0.696+/-0.004 χ^2/NDF: 587368.1/46

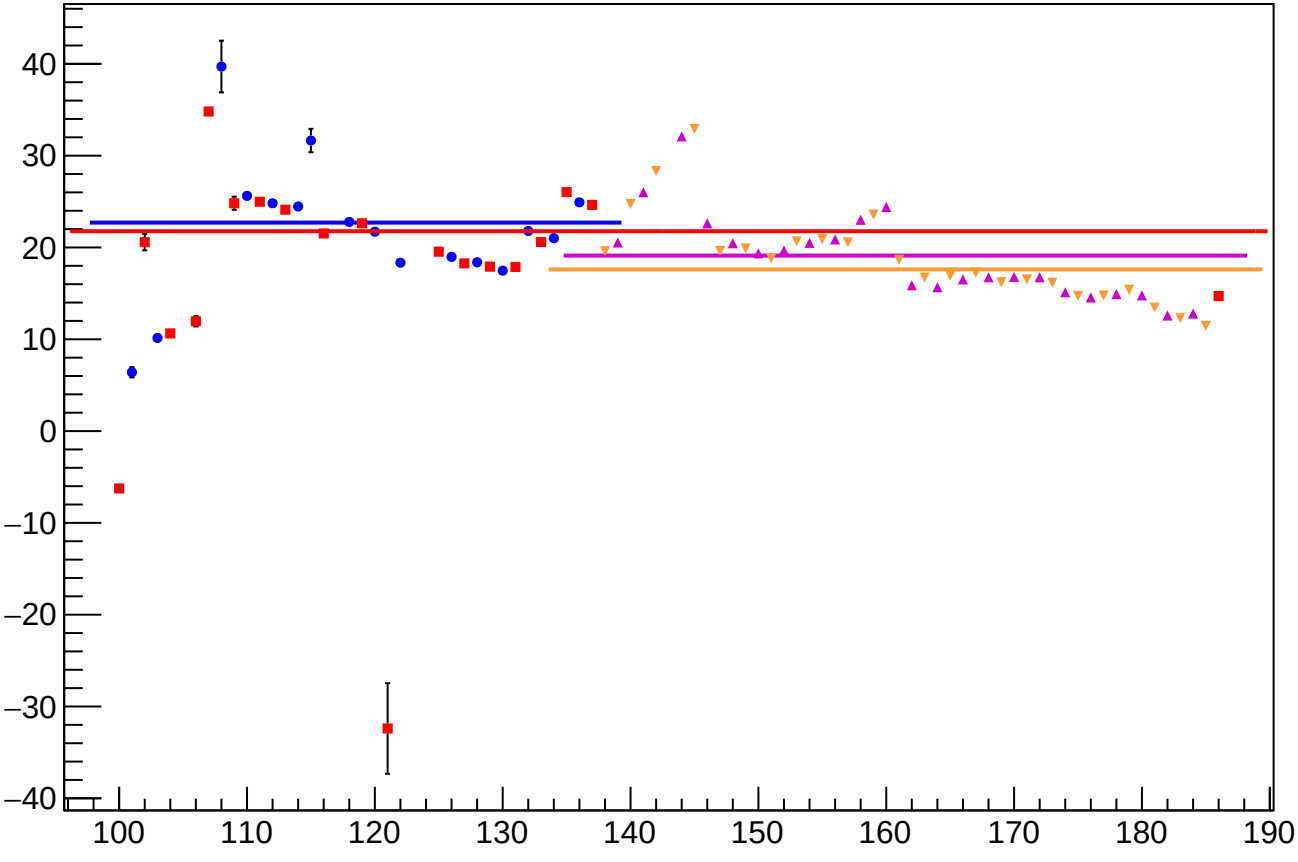
Right: 13.204+/-0.000 χ^2/NDF: 1269724.6/34

In: 0.407+/-0.005 χ^2/NDF:377667.6/38

Out: 13.204+/-0.000 χ^2/NDF:4847453.7/42

All: 13.204+/-0.000 χ^2/NDF: 12158061.3/81

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 17.613+/-0.007 χ^2/NDF:178438.8/23

Right Out: 21.770+/-0.021 χ^2/NDF: 26985.0/18

Left In: 19.117+/-0.007 χ^2/NDF:229353.0/22

Left: 18.369+/-0.005 χ^2/NDF: 430183.3/46

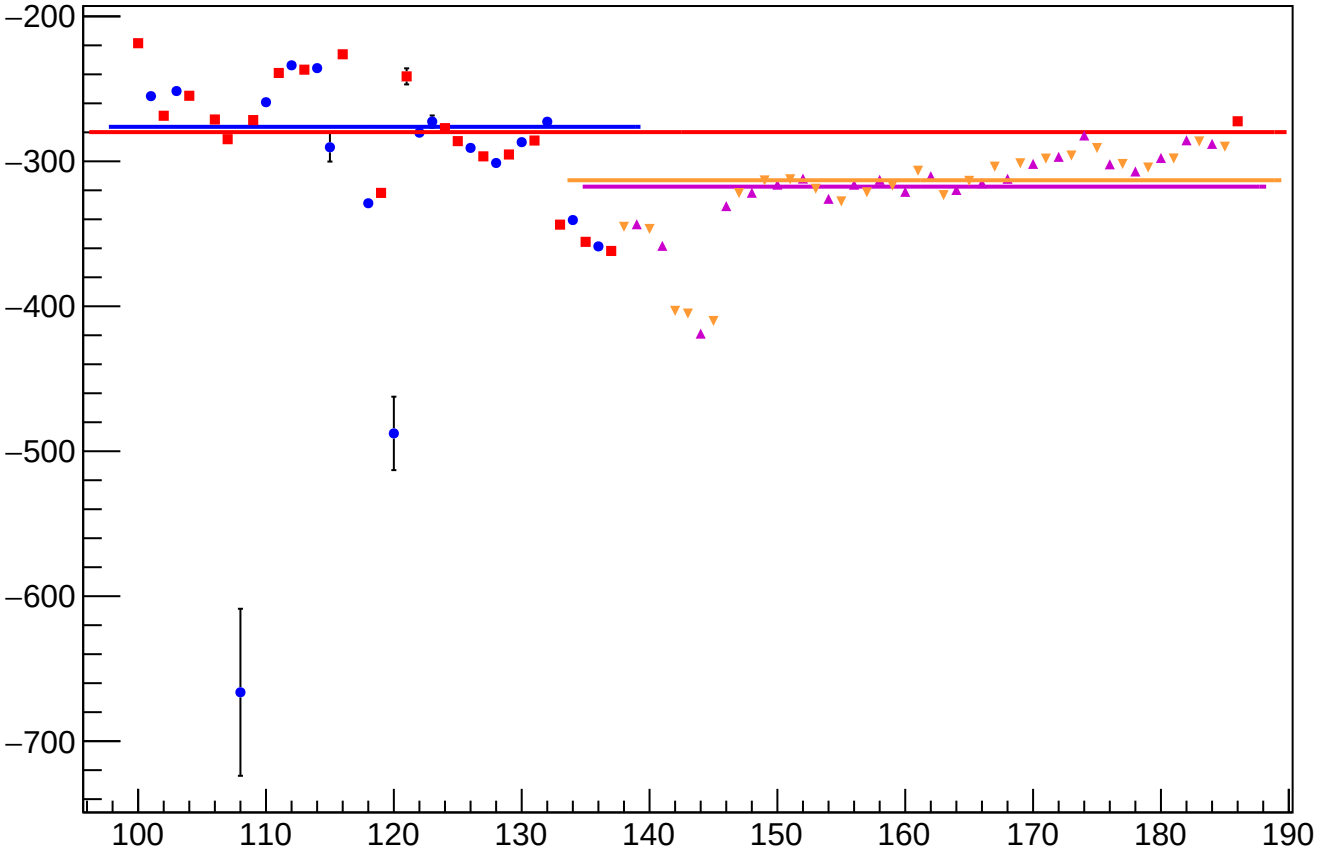
Right: 22.304+/-0.014 χ^2/NDF: 50840.9/34

In: 19.567+/-0.007 χ^2/NDF:284235.8/38

Out: 18.025+/-0.007 χ^2/NDF:239137.2/42

All: 18.811+/-0.005 χ^2/NDF: 549876.2/81

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -313.052+/-0.096 χ^2/NDF:54405.8/24

Right Out: -279.849+/-0.136 χ^2/NDF: 78136.3/19

Left In: -317.471+/-0.095 χ^2/NDF:63067.6/22

Left: -315.276+/-0.068 χ^2/NDF: 118543.8/47

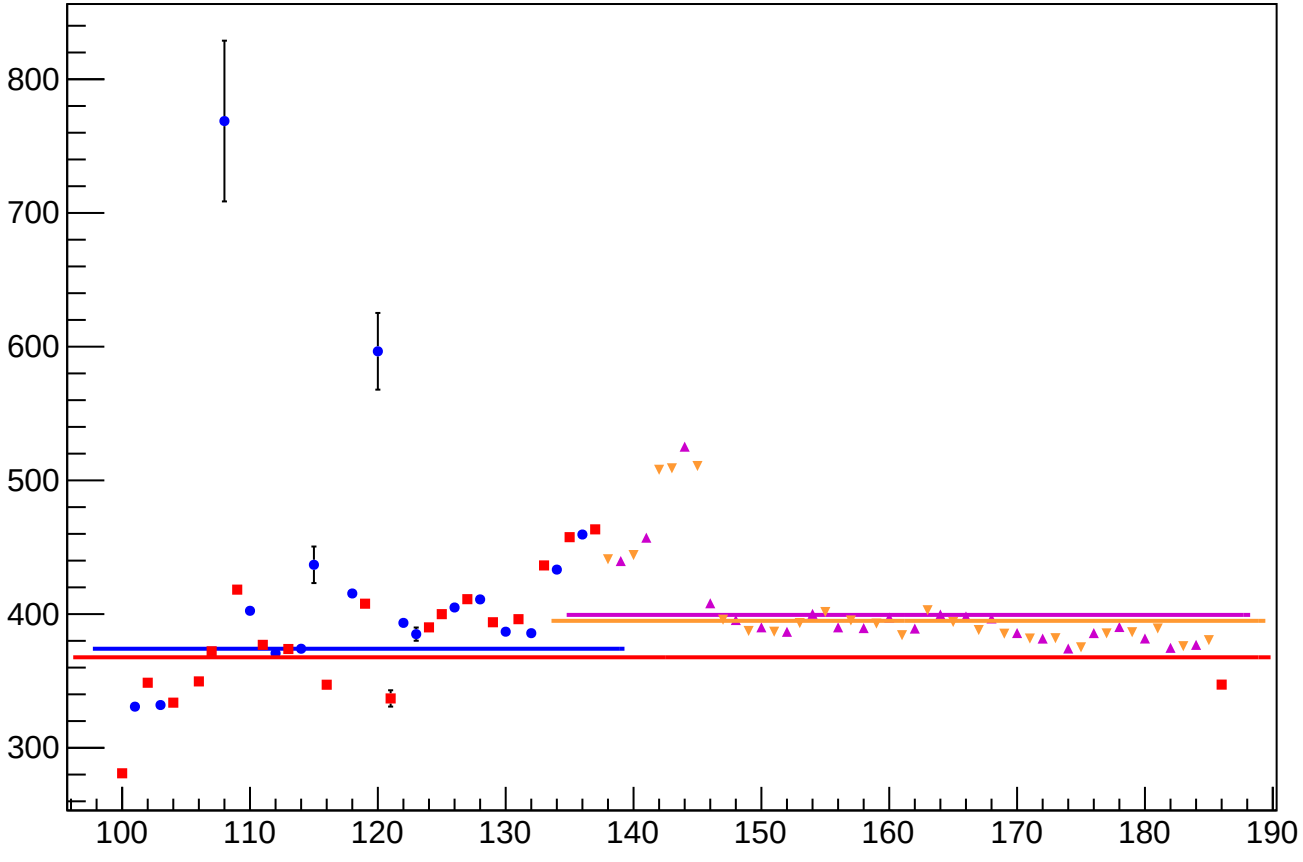
Right: -278.387+/-0.105 χ^2/NDF: 136531.4/36

In: -307.307+/-0.083 χ^2/NDF:167445.8/39

Out: -302.056+/-0.078 χ^2/NDF:172299.5/44

All: -304.542+/-0.057 χ^2/NDF: 341870.7/84

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 394.968+/-0.096 χ^2/NDF:68076.2/24

Right Out: 367.699+/-0.140 χ^2/NDF: 113853.5/19

Left In: 399.410+/-0.097 χ^2/NDF:77209.0/22

Left: 397.169+/-0.068 χ^2/NDF: 146345.7/47

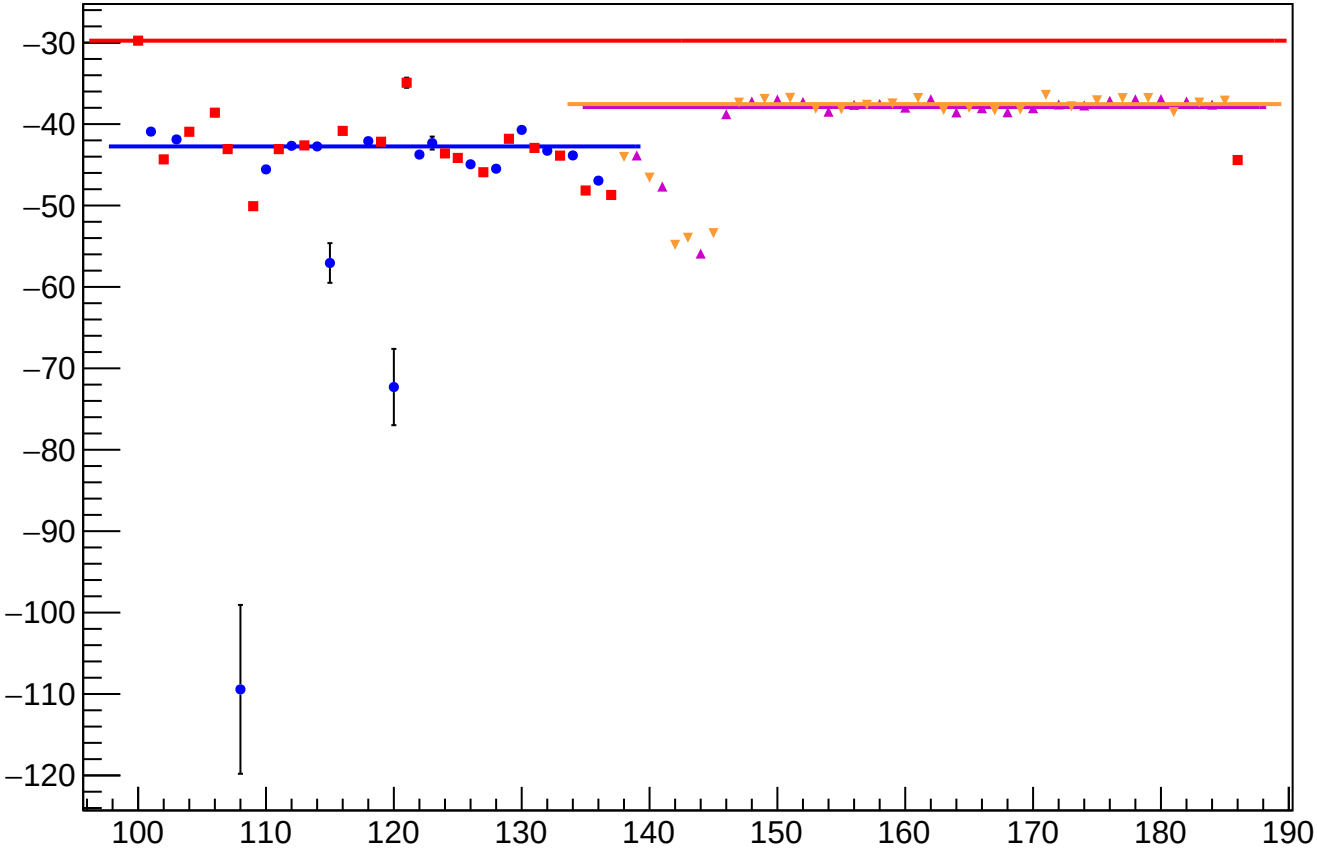
Right: 374.094+/-0.000 χ^2/NDF: 151001.0/36

In: 374.094+/-0.000 χ^2/NDF:180586.1/39

Out: 386.277+/-0.079 χ^2/NDF:207640.7/44

All: 374.094+/-0.000 χ^2/NDF: 411861.9/84

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.547+/-0.004 χ^2/NDF:267131.7/24

Right Out: -29.754+/-0.000 χ^2/NDF: 512490.7/19

Left In: -37.903+/-0.004 χ^2/NDF:156960.8/22

Left: -37.711+/-0.003 χ^2/NDF: 428070.7/47

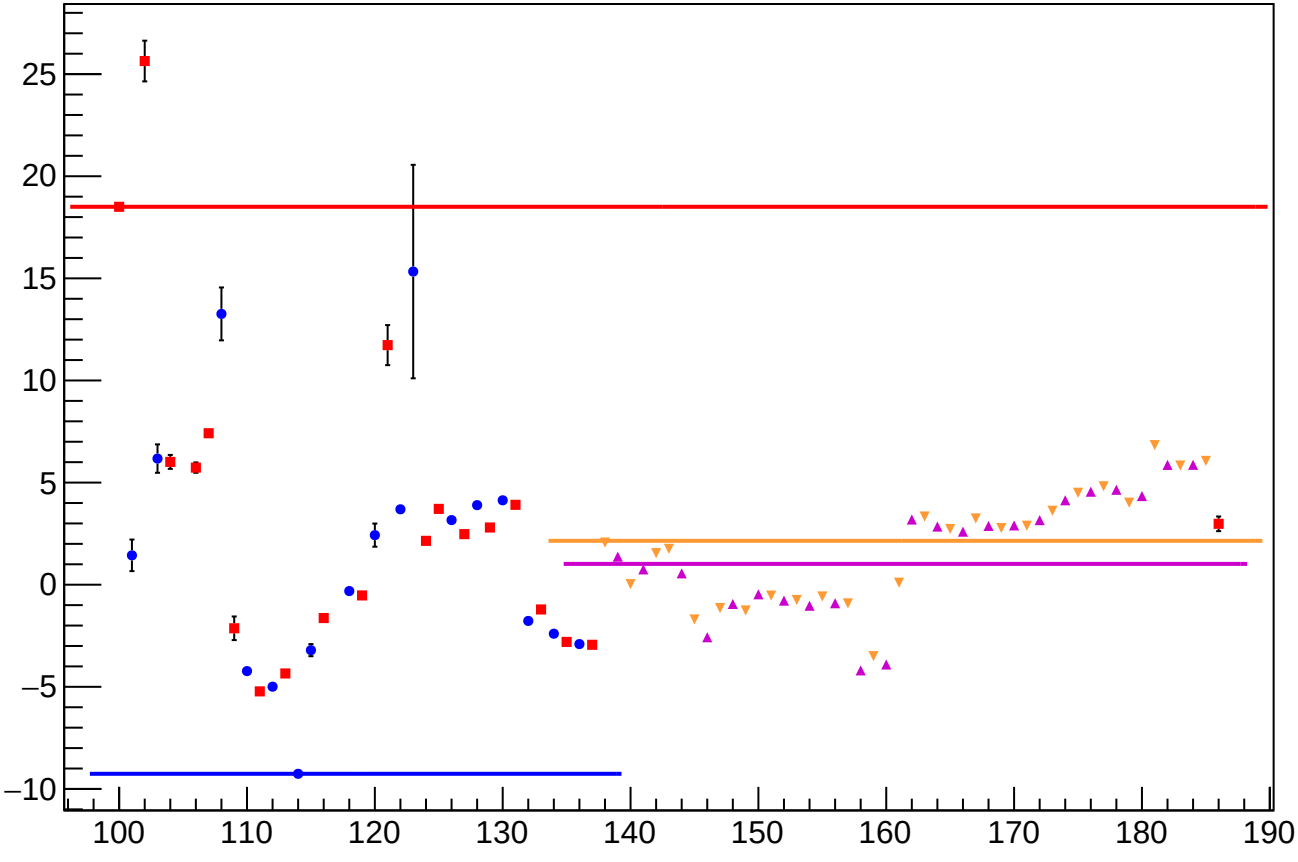
Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:1532116.9/39

Out: -29.754+/-0.000 χ^2/NDF:4907407.0/44

All: -38.159+/-0.000 χ^2/NDF: 129765212680

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: 2.149+/-0.005 χ^2/NDF:290739.3/24

Right Out: 18.504+/-0.000 χ^2/NDF: 7368647.5/19

Left In: 1.019+/-0.006 χ^2/NDF:250029.0/22

Left: 1.671+/-0.004 χ^2/NDF: 563410.5/47

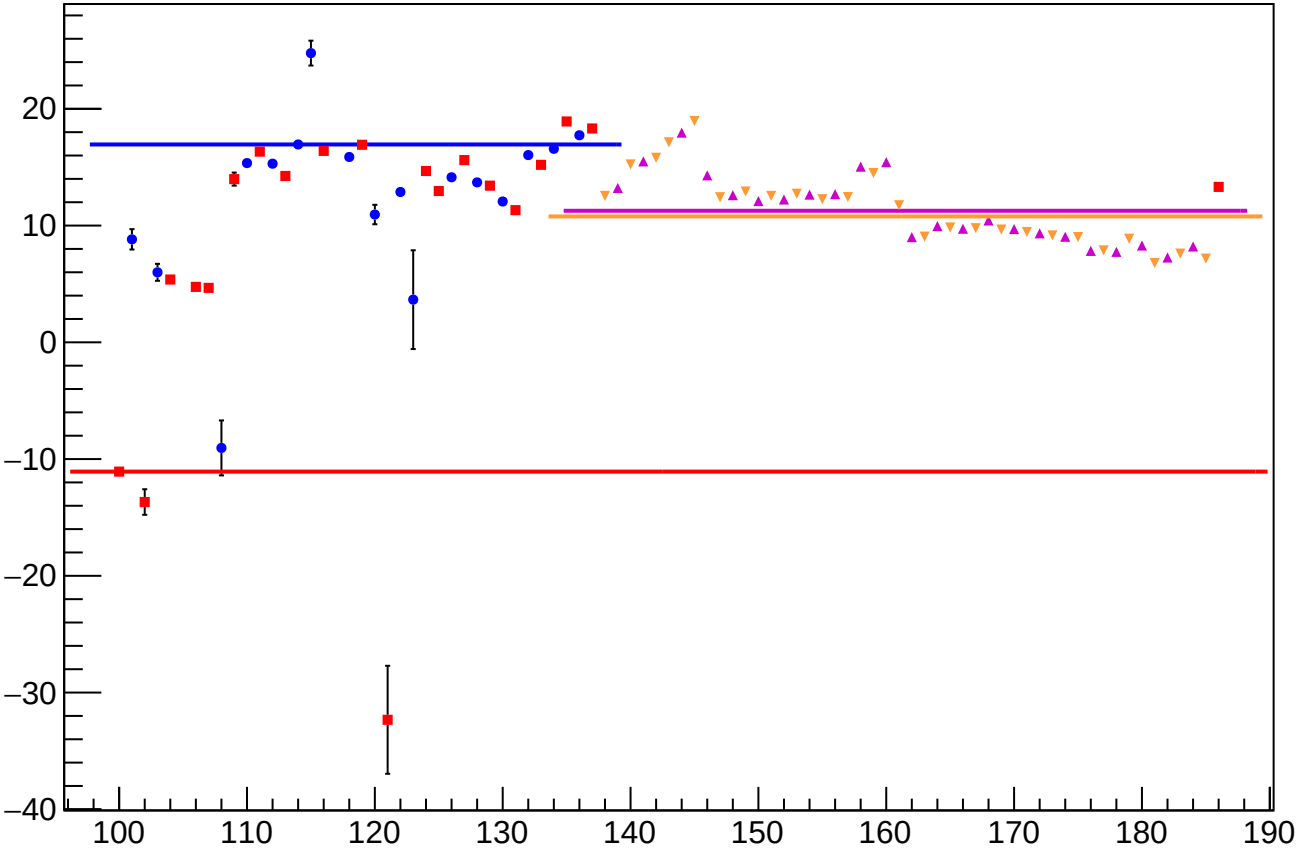
Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:3903920.3/39

Out: 18.504+/-0.000 χ^2/NDF:18845845.3/44

All: 6.039+/-0.000 χ^2/NDF: 16450574505955

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 10.782+/-0.007 χ^2/NDF:129427.5/24

Right Out: -11.075+/-0.000 χ^2/NDF: 2716433.4/19

Left In: 11.267+/-0.008 χ^2/NDF:98438.0/22

Left: 10.986+/-0.005 χ^2/NDF: 230089.4/47

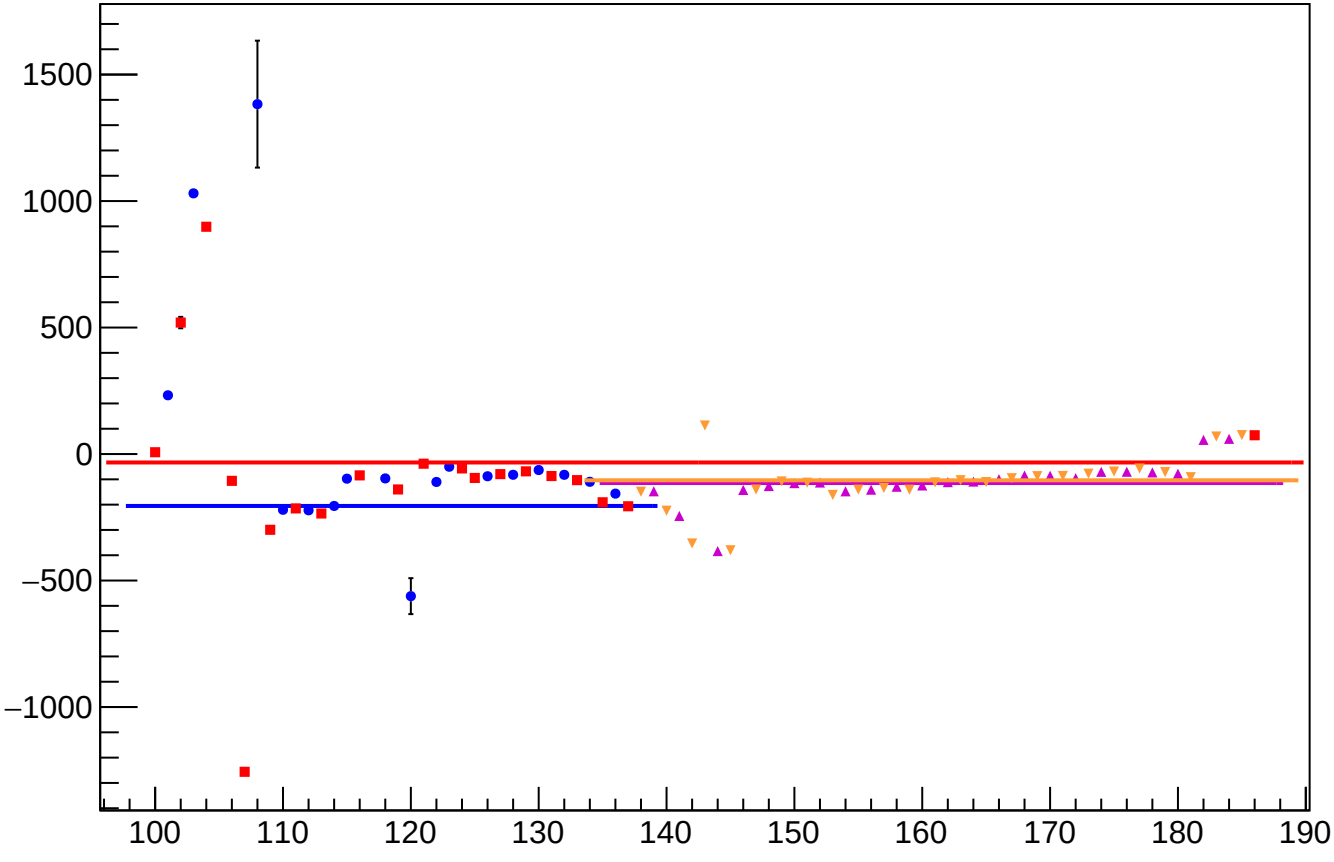
Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:634333.1/39

Out: -11.075+/-0.000 χ^2/NDF:13591927.3/44

All: -2.268+/-0.000 χ^2/NDF: 4692527454635

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -103.842+/-0.192 χ^2/NDF:94751.7/24

Right Out: -33.326+/-0.256 χ^2/NDF: 154884.3/19

Left In: -114.444+/-0.225 χ^2/NDF:76837.7/22

Left: -108.306+/-0.146 χ^2/NDF: 172877.4/47

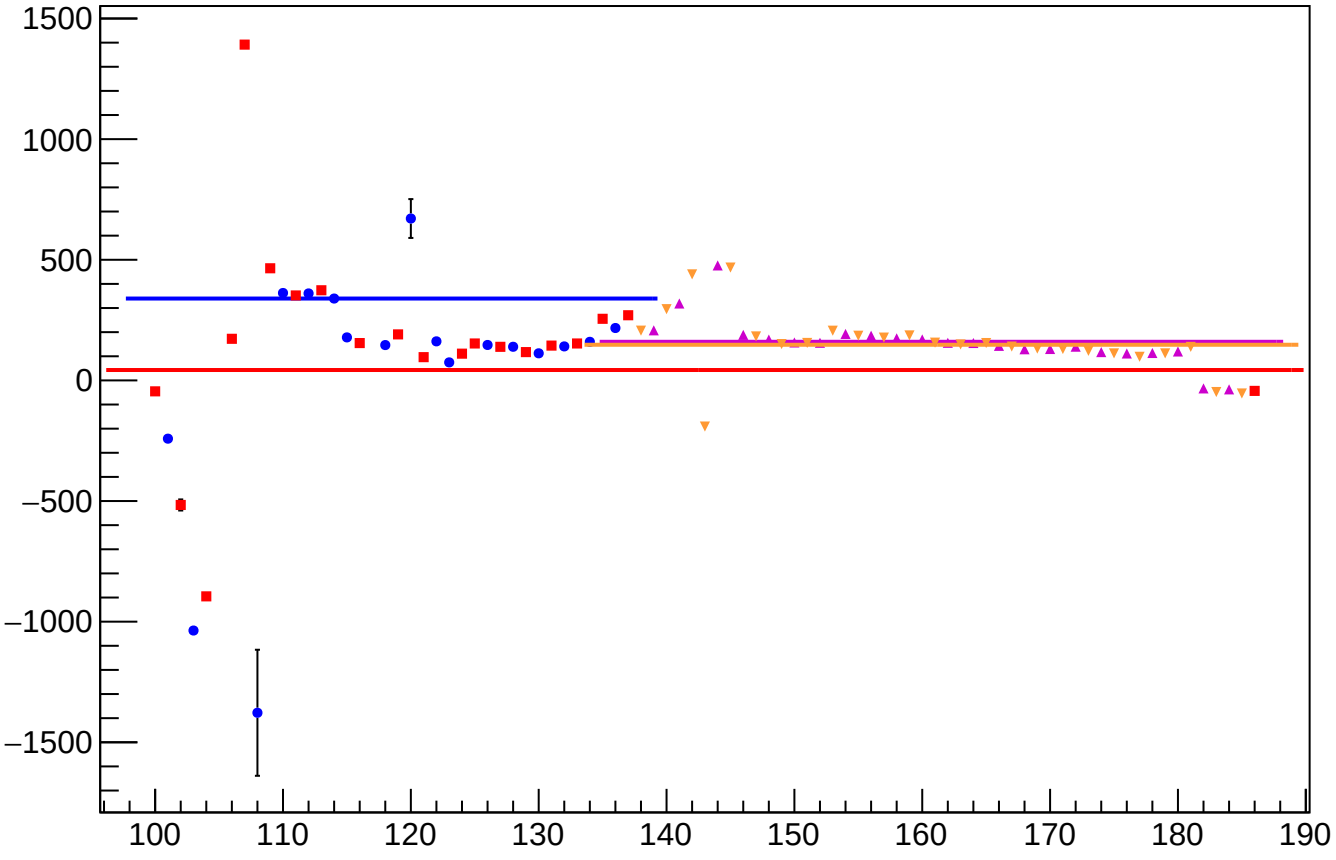
Right: -205.160+/-0.000 χ^2/NDF: 1188691.8/36

In: -205.160+/-0.000 χ^2/NDF:822494.9/39

Out: -78.491+/-0.153 χ^2/NDF:298285.9/44

All: -205.160+/-0.000 χ^2/NDF: 1802533.0/84

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 147.771+/-0.196 χ^2/NDF:134281.2/24

Right Out: 43.083+/-0.252 χ^2/NDF: 306306.4/19

Left In: 160.049+/-0.230 χ^2/NDF:83579.0/22

Left: 152.950+/-0.149 χ^2/NDF: 219512.9/47

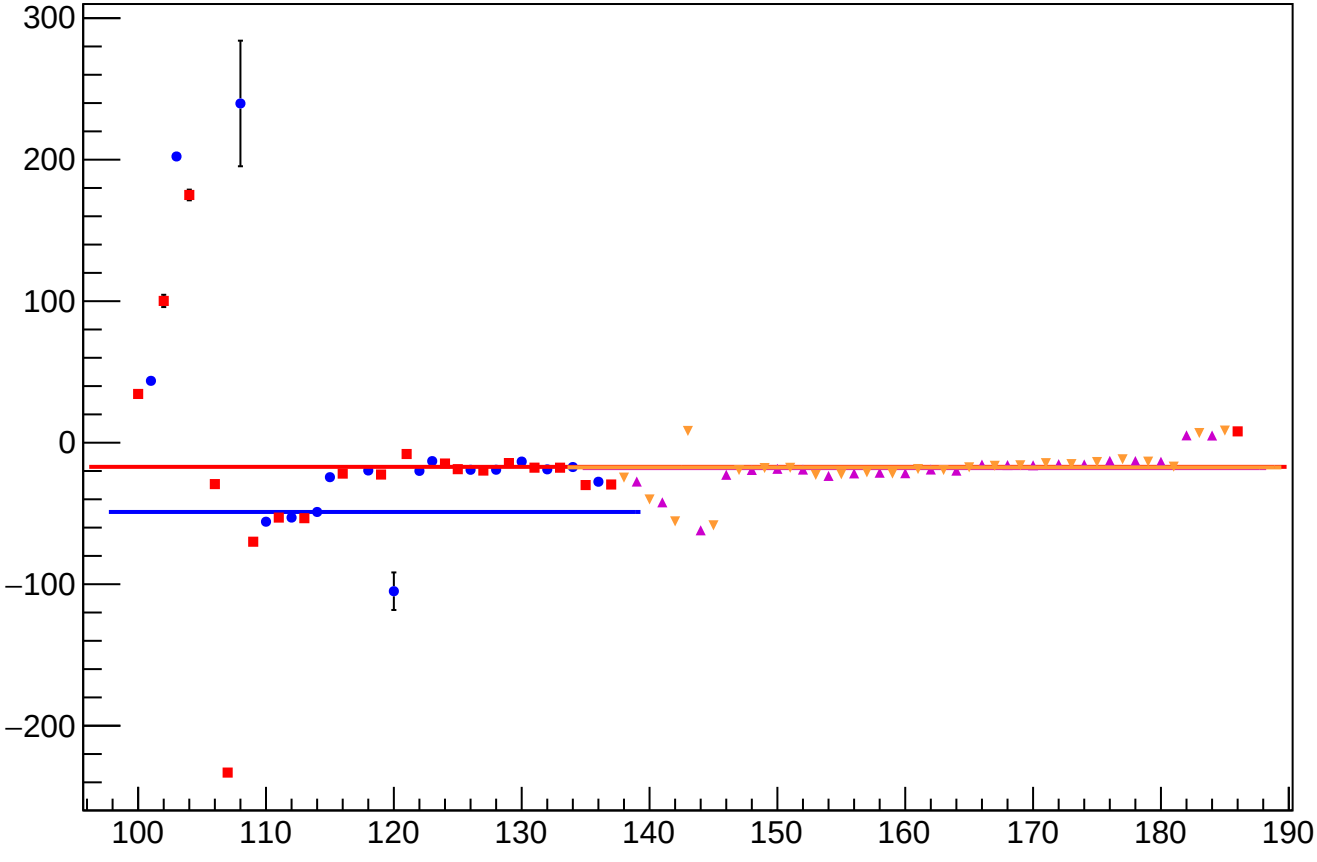
Right: 339.325+/-0.000 χ^2/NDF: 2718205.3/36

In: 339.325+/-0.000 χ^2/NDF:1723524.3/39

Out: 108.284+/-0.155 χ^2/NDF:548021.7/44

All: 339.325+/-0.000 χ^2/NDF: 4499029.7/84

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -17.446+/-0.010 χ^2/NDF:714044.4/24

Right Out: -17.073+/-0.044 χ^2/NDF: 303026.4/19

Left In: -17.951+/-0.012 χ^2/NDF:252123.1/22

Left: -17.648+/-0.008 χ^2/NDF: 967185.6/47

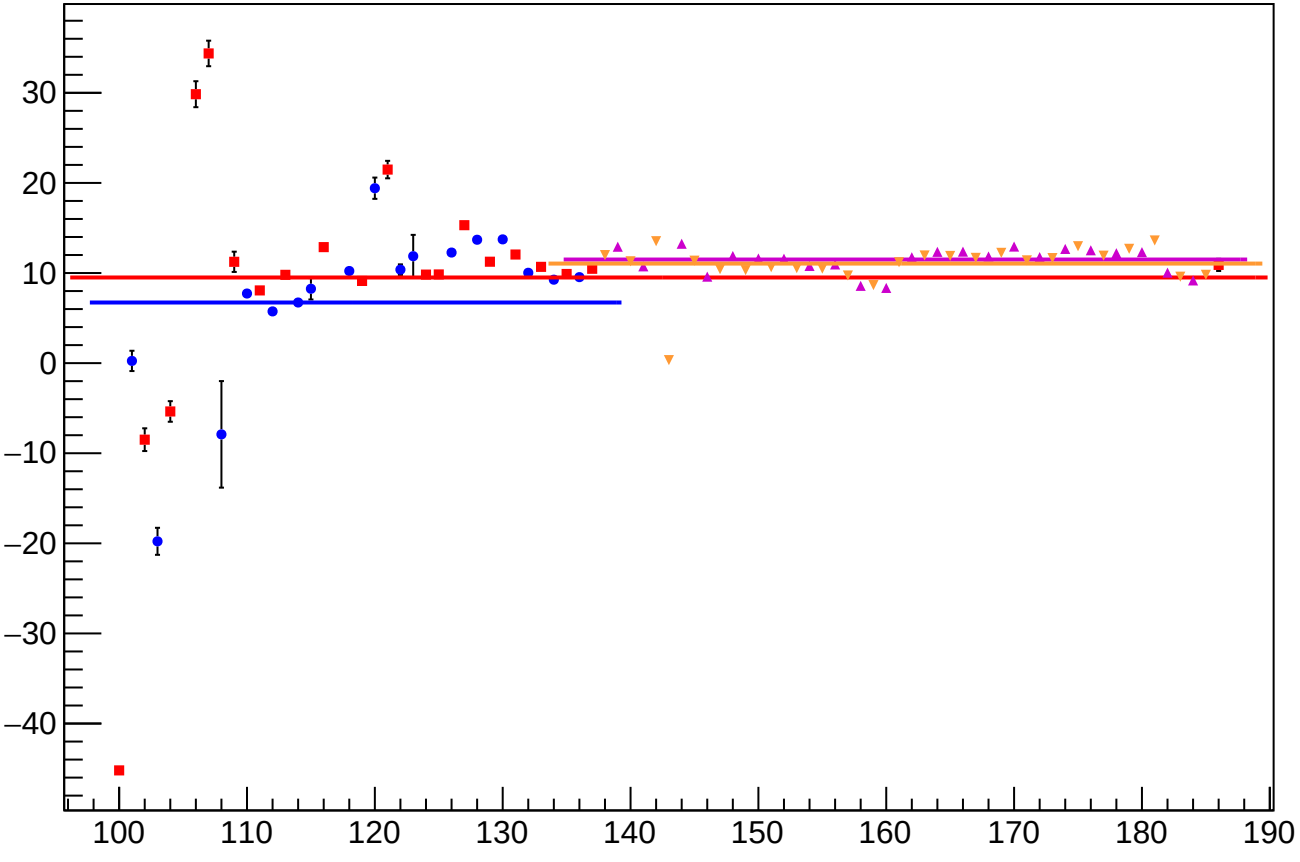
Right: -48.945+/-0.000 χ^2/NDF: 6246630.8/36

In: -48.945+/-0.000 χ^2/NDF:12047104.5/39

Out: -17.427+/-0.010 χ^2/NDF:1017140.4/44

All: -48.945+/-0.000 χ^2/NDF: 23502848.3/84

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 11.049+/-0.012 χ^2/NDF:31618.4/24

Right Out: 9.506+/-0.036 χ^2/NDF: 26826.4/19

Left In: 11.498+/-0.010 χ^2/NDF:15848.8/22

Left: 11.309+/-0.008 χ^2/NDF: 48246.1/47

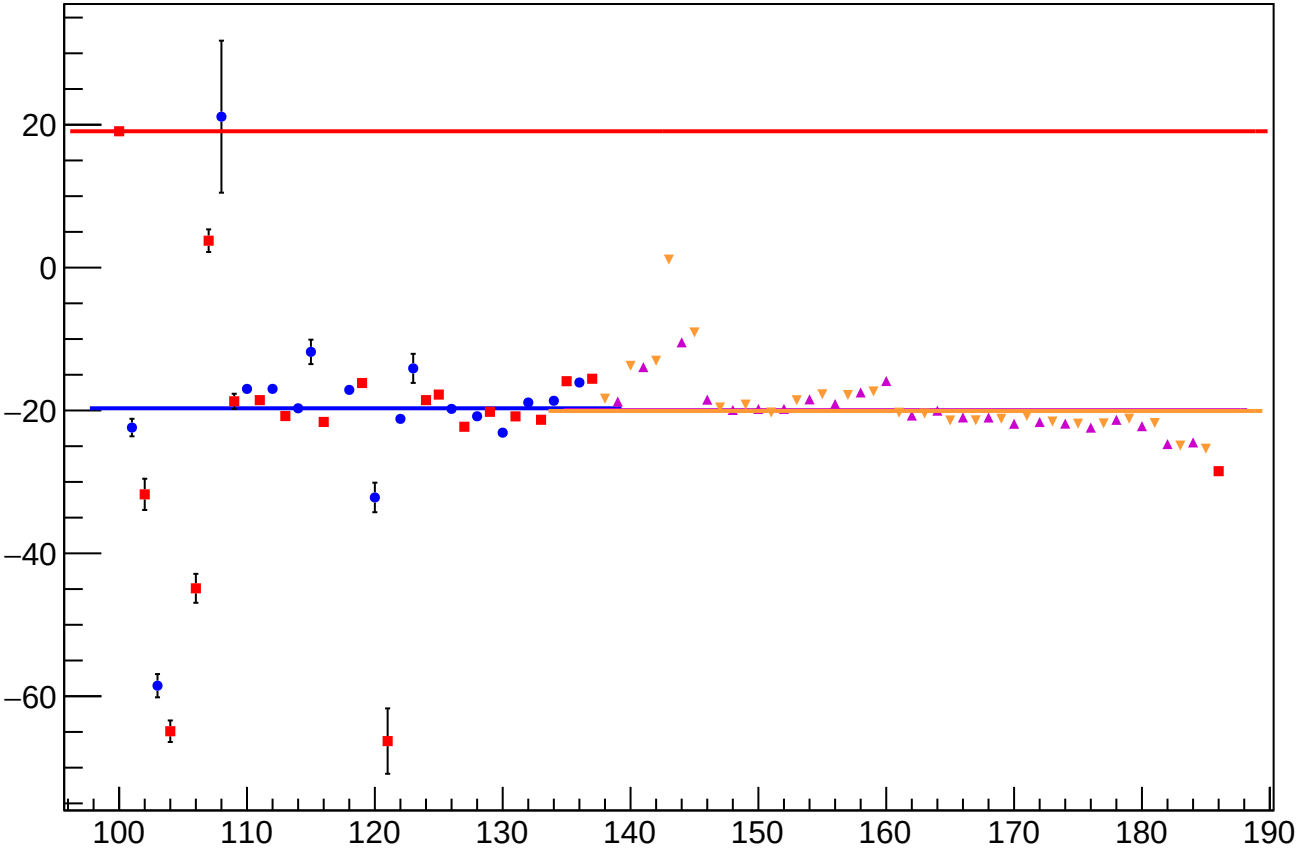
Right: 6.728+/-0.000 χ^2/NDF: 46673.6/36

In: 6.728+/-0.000 χ^2/NDF:238804.7/39

Out: 10.886+/-0.012 χ^2/NDF:60128.0/44

All: 6.728+/-0.000 χ^2/NDF: 427802.3/84

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -20.065+/-0.014 χ^2/NDF:71466.1/24

Right Out: 19.086+/-0.000 χ^2/NDF: 615298.1/19

Left In: -19.955+/-0.015 χ^2/NDF:22657.6/22

Left: -20.015+/-0.010 χ^2/NDF: 94152.2/47

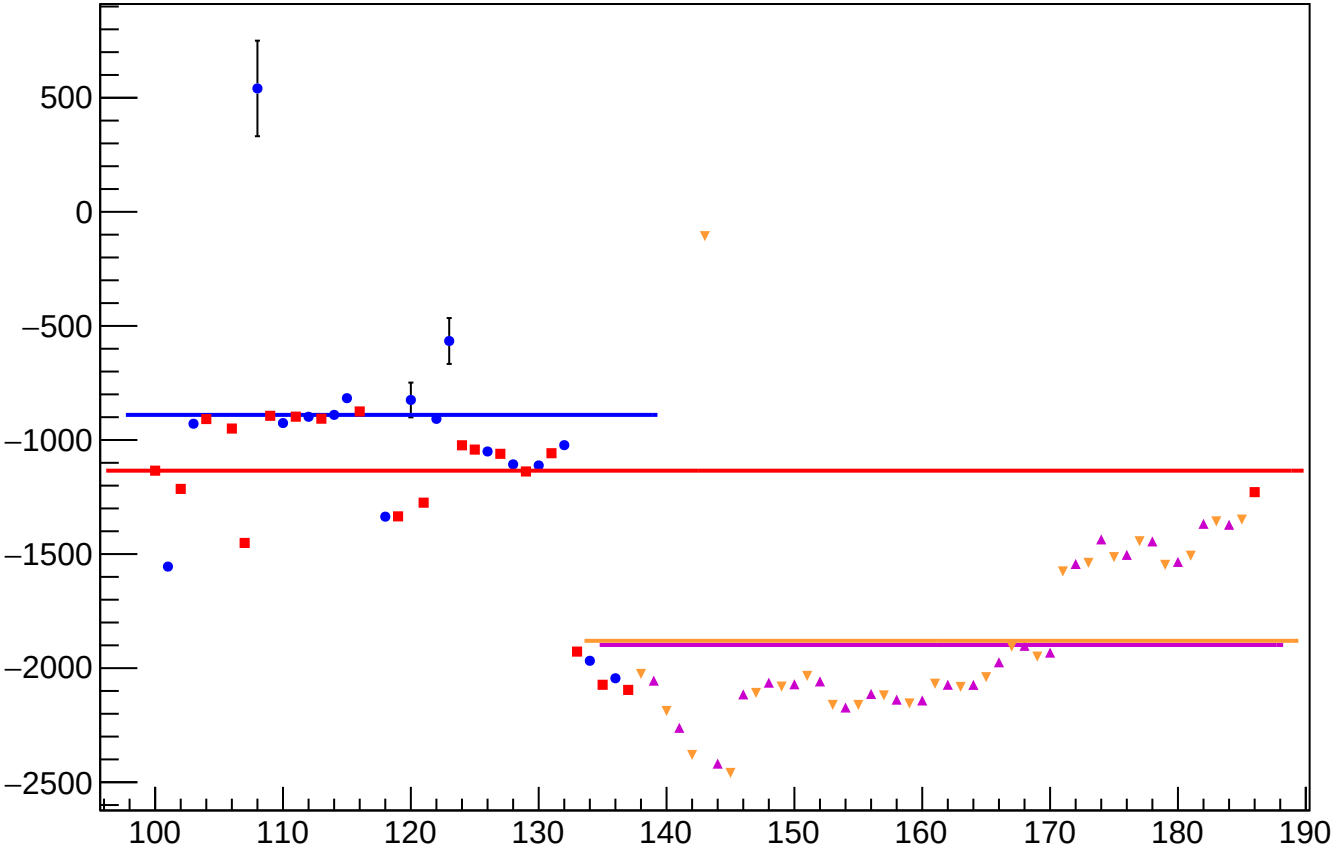
Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:30537.5/39

Out: 19.086+/-0.000 χ^2/NDF:8692231.2/44

All: -6.006+/-0.000 χ^2/NDF: 4625637731292

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -1880.162+/-0.353 χ^2/NDF:873293.0/24

Right Out: -1134.421+/-0.000 χ^2/NDF: 737355.3/19

Left In: -1898.497+/-0.364 χ^2/NDF:698003.8/22

Left: -1889.053+/-0.253 χ^2/NDF: 1572605.5/47

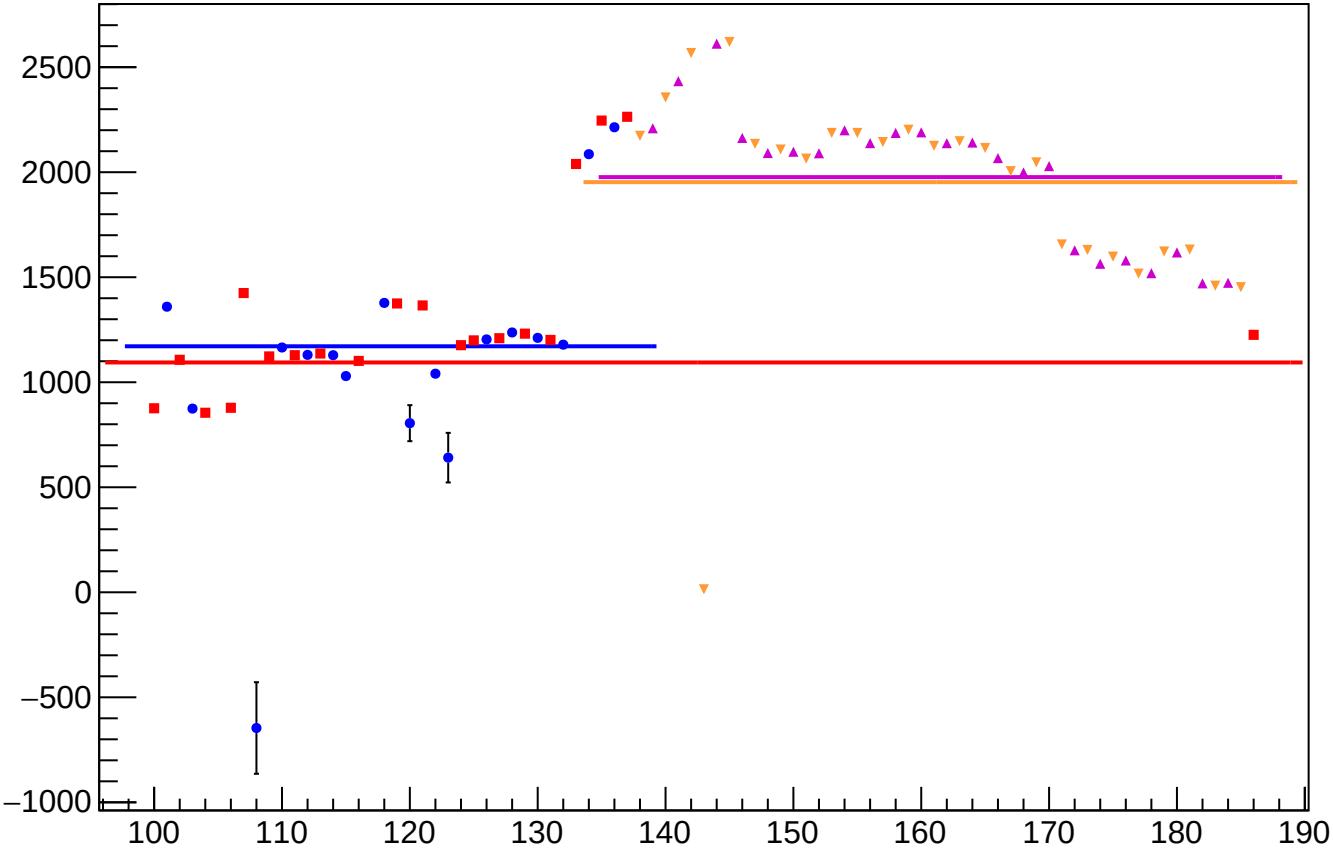
Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:9162698.5/39

Out: -1134.421+/-0.000 χ^2/NDF:6075119.0/44

All: -976.220+/-0.000 χ^2/NDF: 44889787387

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 1952.706+/-0.354 χ^2/NDF:820225.3/24

Right Out: 1094.147+/-0.249 χ^2/NDF: 1109723.2/19

Left In: 1976.603+/-0.367 χ^2/NDF:625684.0/22

Left: 1964.216+/-0.255 χ^2/NDF: 1448104.1/47

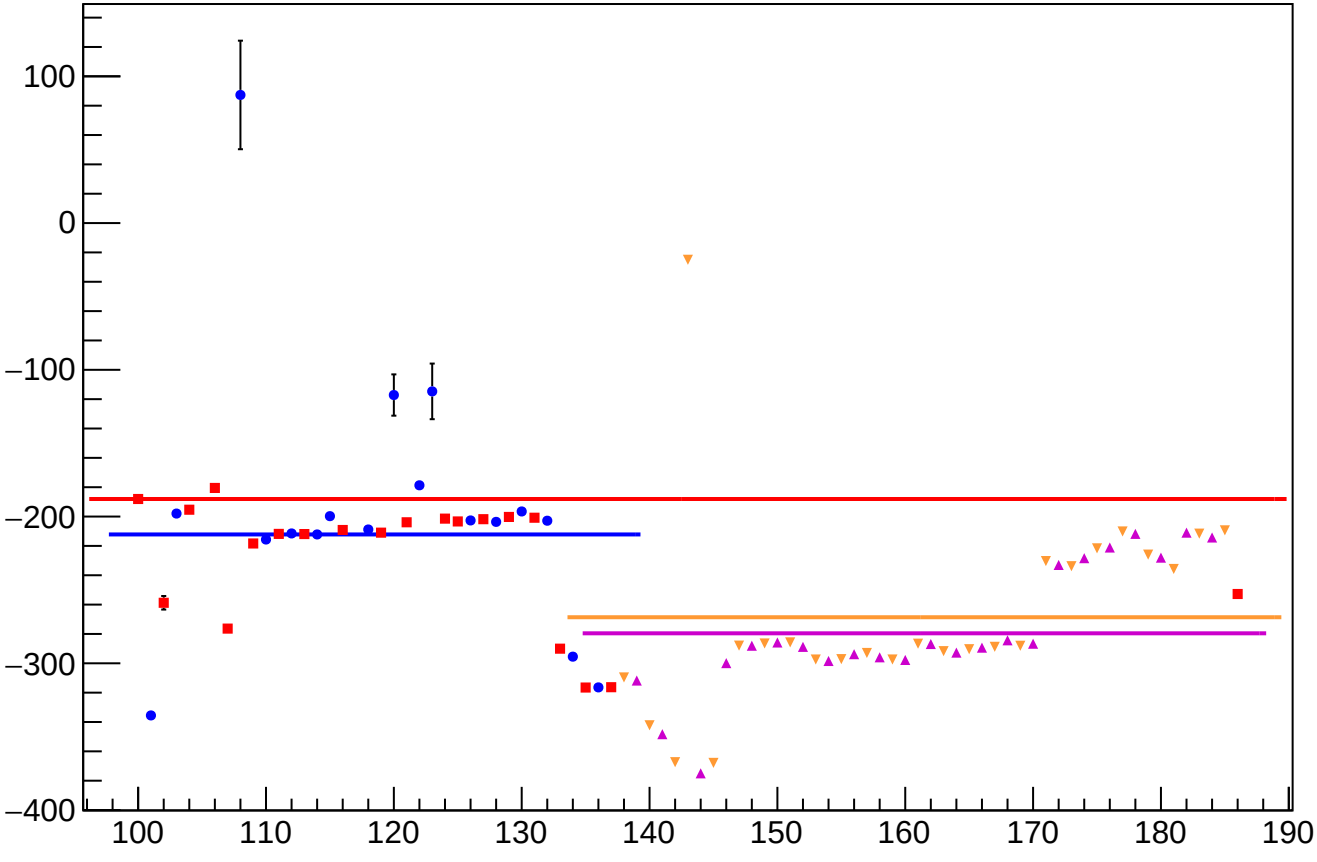
Right: 1133.274+/-0.175 χ^2/NDF: 1667225.6/36

In: 1419.769+/-0.204 χ^2/NDF:4459991.9/39

Out: 1378.738+/-0.204 χ^2/NDF:5862324.8/44

All: 1399.232+/-0.144 χ^2/NDF: 10342560.0/8

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -268.611+/-0.022 χ^2/NDF:7041710.3/24

Right Out: -188.033+/-0.000 χ^2/NDF: 751891.1/19

Left In: -279.563+/-0.022 χ^2/NDF:2298119.7/22

Left: -274.180+/-0.015 χ^2/NDF: 9465442.7/47

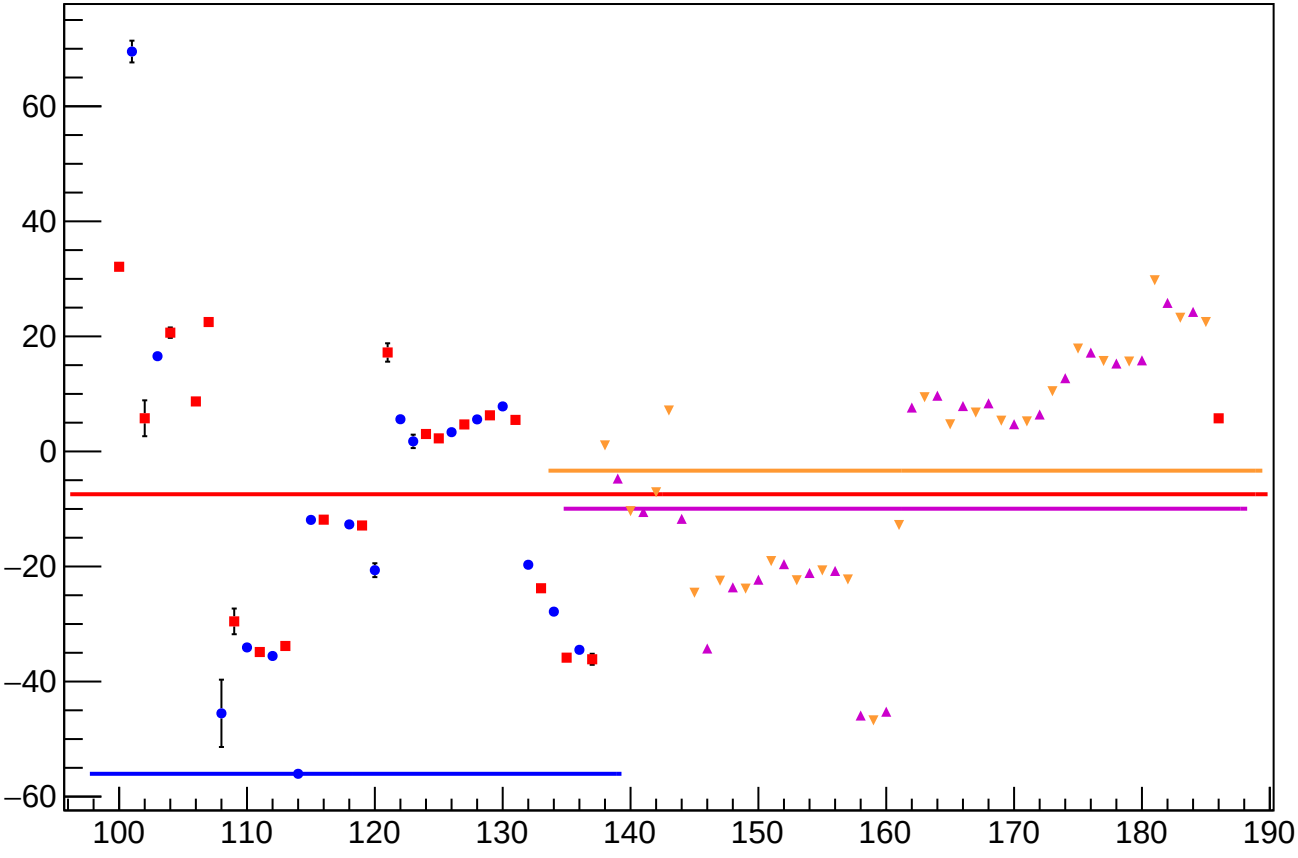
Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:13119022.9/39

Out: -188.033+/-0.000 χ^2/NDF:21165949.3/44

All: -195.625+/-0.000 χ^2/NDF: 13622303625

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -3.341+/-0.018 χ^2/NDF:1399746.6/24

Right Out: -7.440+/-0.042 χ^2/NDF: 174162.8/19

Left In: -9.956+/-0.018 χ^2/NDF:1689839.0/22

Left: -6.485+/-0.013 χ^2/NDF: 3156876.8/47

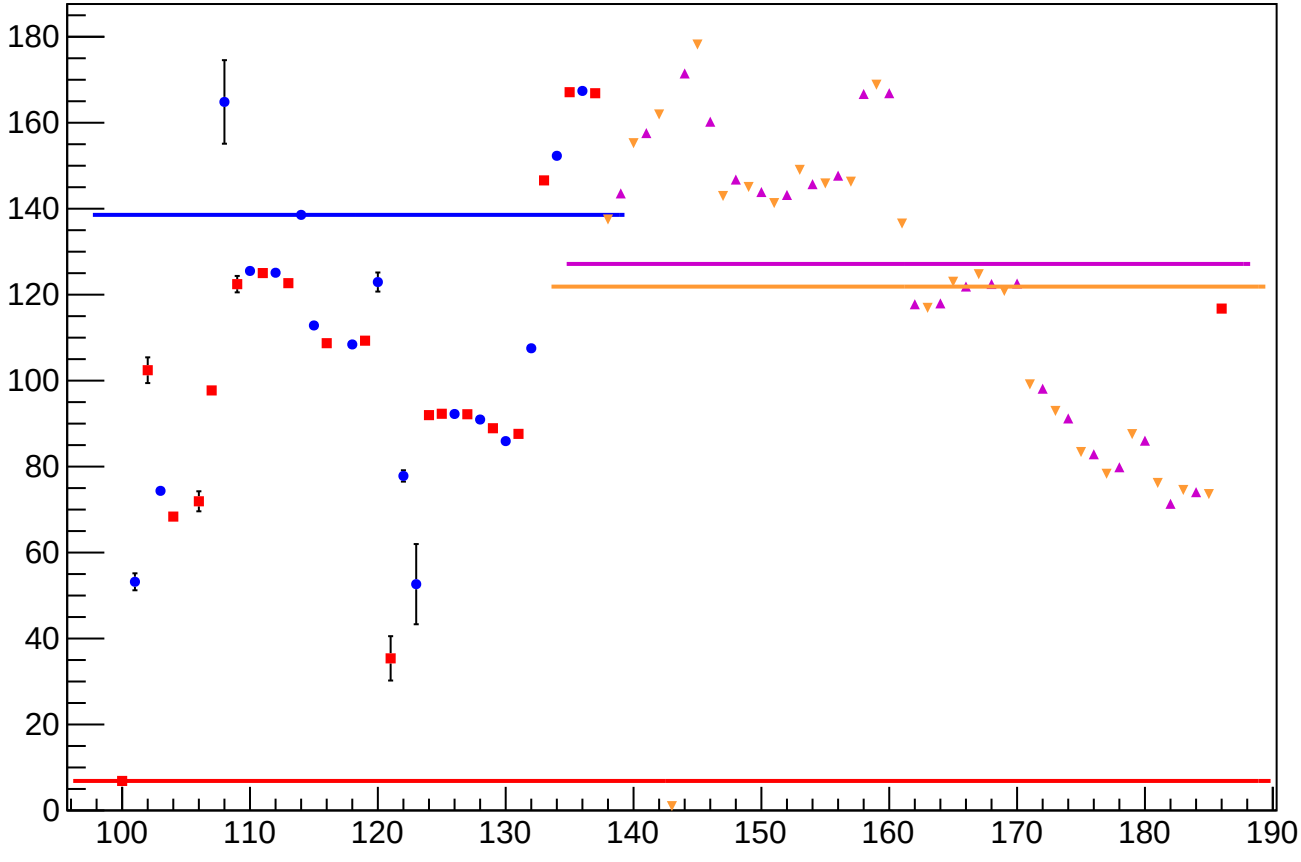
Right: -56.037+/-0.000 χ^2/NDF: 3090761.3/36

In: -56.037+/-0.000 χ^2/NDF:9499617.9/39

Out: -3.949+/-0.016 χ^2/NDF:1581973.9/44

All: -56.037+/-0.000 χ^2/NDF: 21392524.5/84

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 121.875+/-0.024 χ^2/NDF:1617383.6/24

Right Out: 6.866+/-0.000 χ^2/NDF: 8066964.0/19

Left In: 127.150+/-0.026 χ^2/NDF:1340248.6/22

Left: 124.317+/-0.018 χ^2/NDF: 2979450.2/47

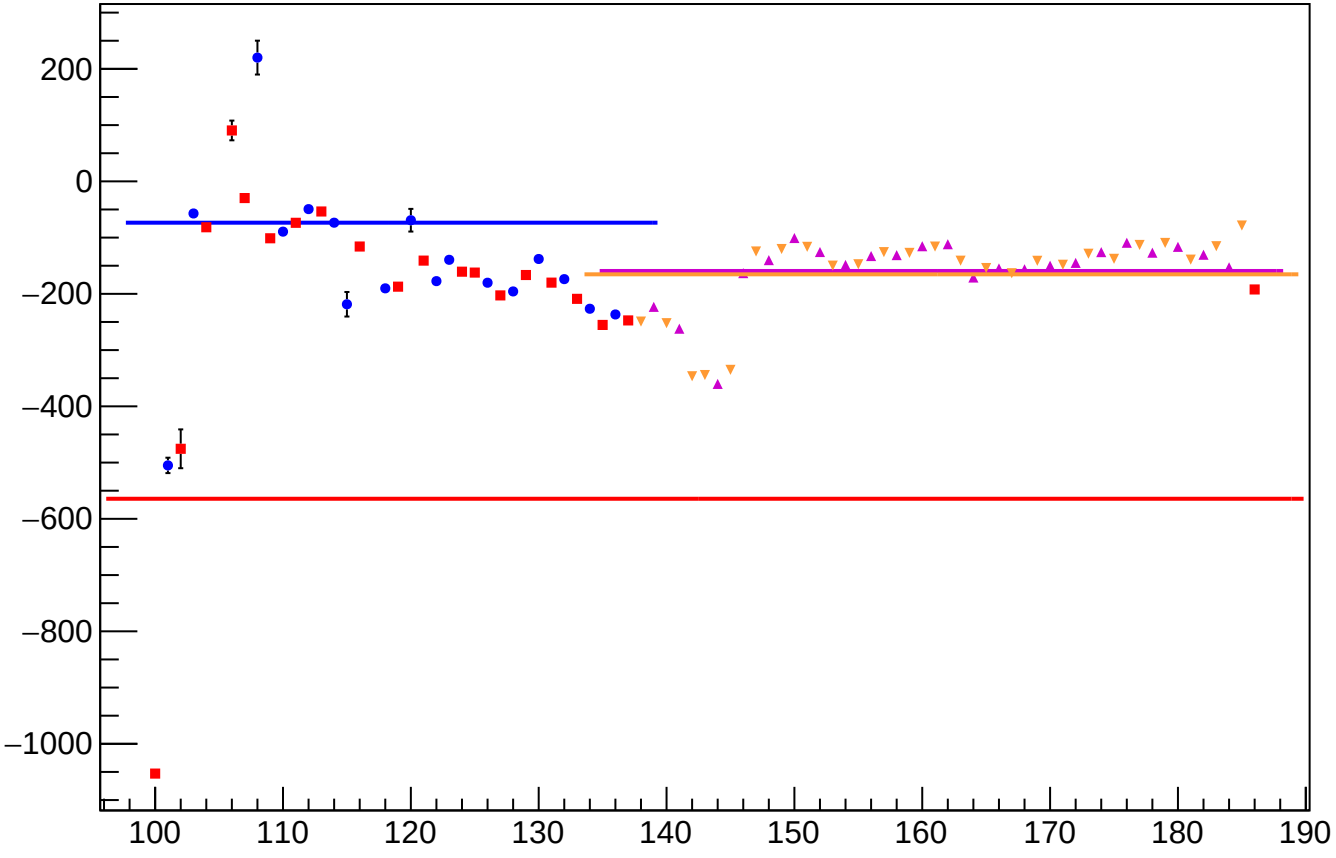
Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:2431608.8/39

Out: 6.866+/-0.000 χ^2/NDF:32082580.3/44

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -165.282+/-0.232 χ^2/NDF:84301.0/24

Right Out: -564.319+/-0.256 χ^2/NDF: 3122474.0/19

Left In: -159.346+/-0.239 χ^2/NDF:73885.5/22

Left: -162.407+/-0.166 χ^2/NDF: 158504.2/47

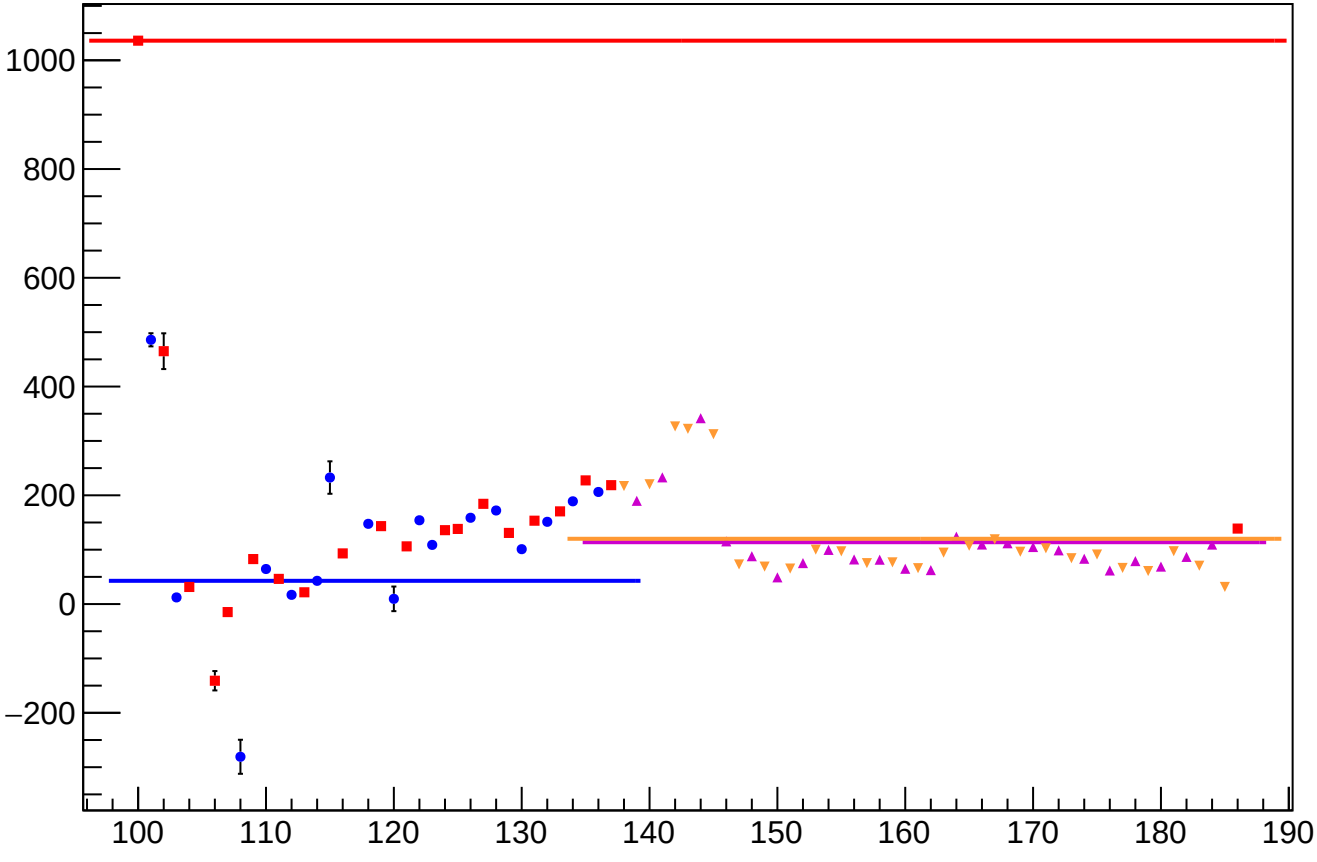
Right: -73.485+/-0.000 χ^2/NDF: 6910965.7/36

In: -73.485+/-0.000 χ^2/NDF:301494.5/39

Out: -345.364+/-0.172 χ^2/NDF:4544911.0/44

All: -73.485+/-0.000 χ^2/NDF: 7354973.2/84

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 120.053+/-0.237 χ^2/NDF:97926.9/24

Right Out: 1036.068+/-0.000 χ^2/NDF: 5452618.9/19

Left In: 113.733+/-0.246 χ^2/NDF:81886.4/22

Left: 117.016+/-0.171 χ^2/NDF: 180155.1/47

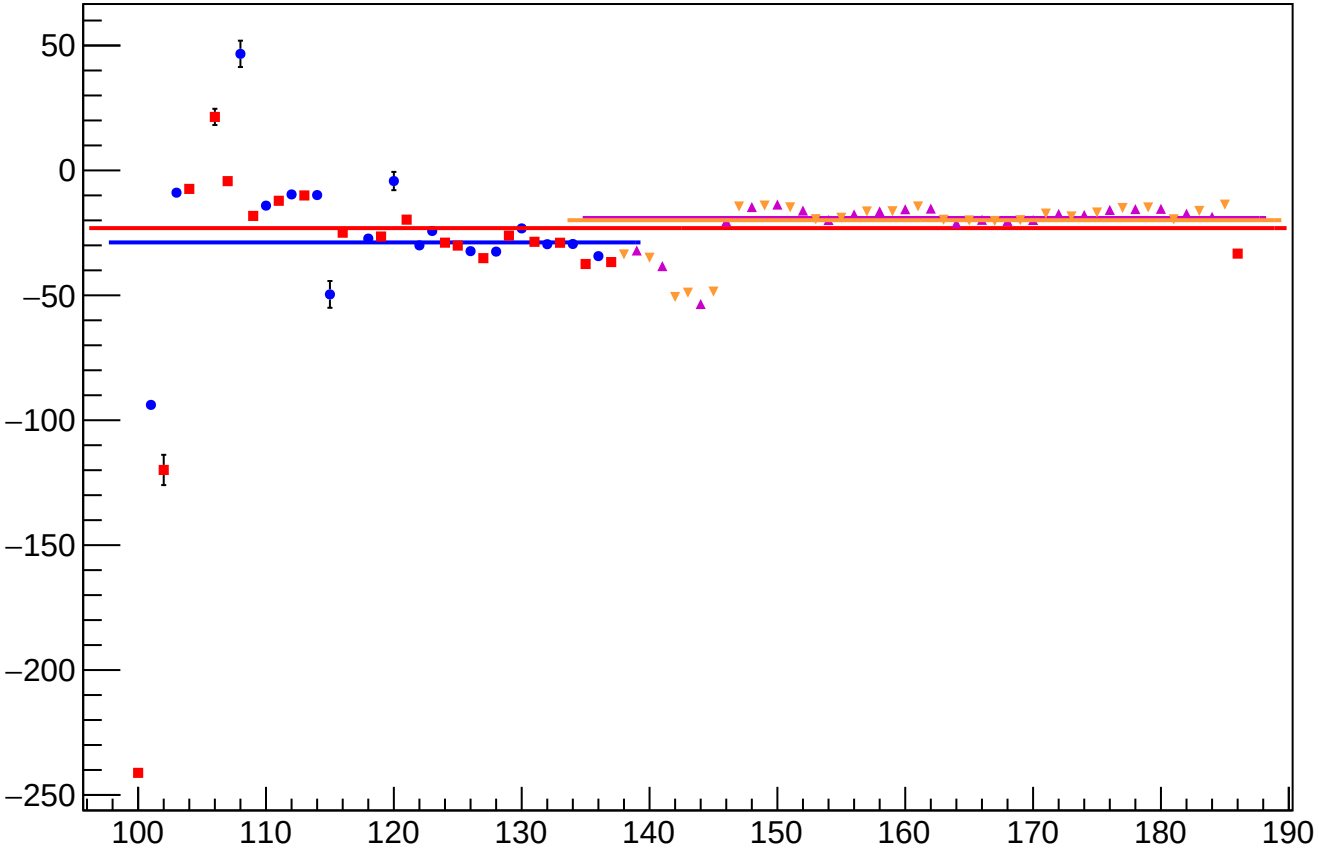
Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:249549.3/39

Out: 1036.068+/-0.000 χ^2/NDF:20492237.6/44

All: 43.272+/-0.000 χ^2/NDF: 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -19.926+/-0.012 χ^2/NDF:374900.2/24

Right Out: -23.096+/-0.037 χ^2/NDF: 413020.7/19

Left In: -19.047+/-0.014 χ^2/NDF:214747.8/22

Left: -19.543+/-0.009 χ^2/NDF: 591888.6/47

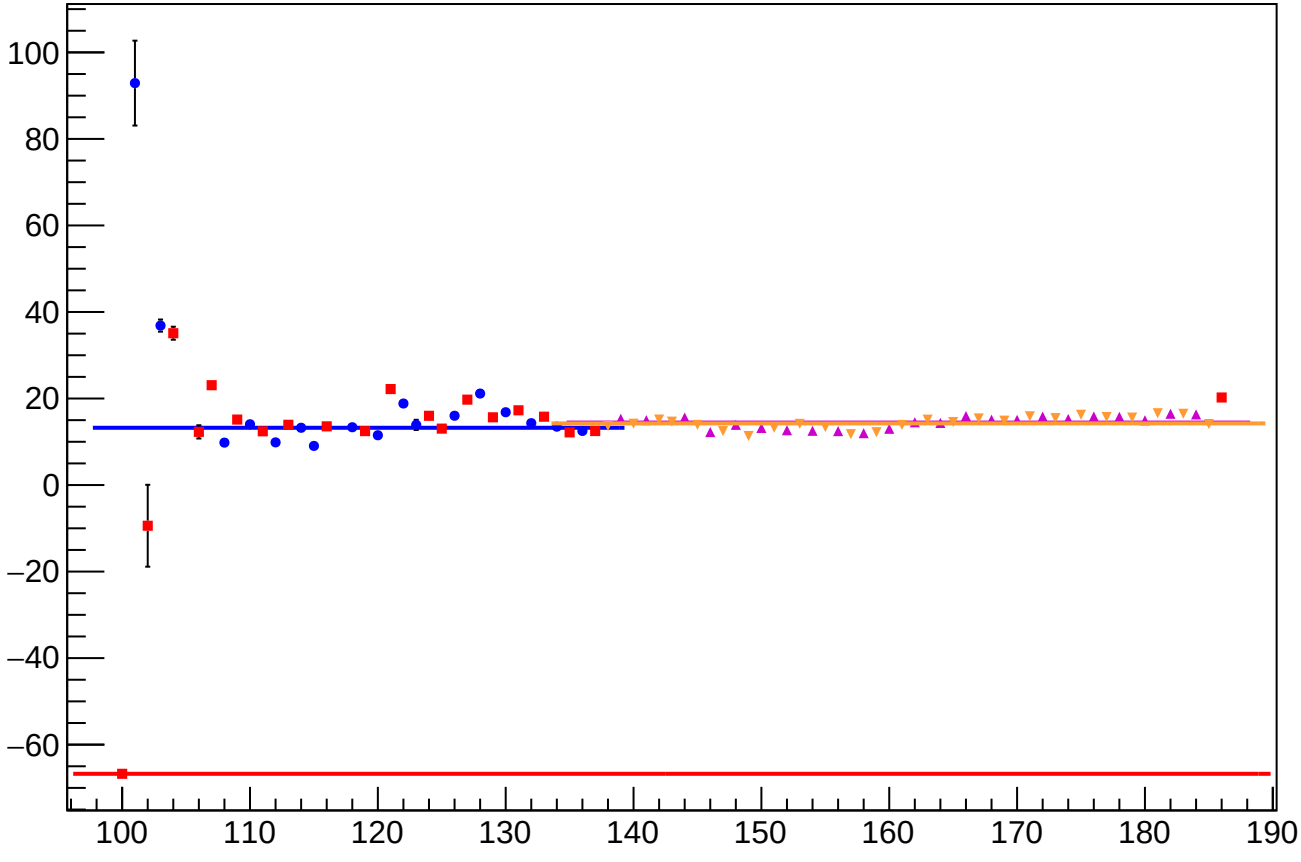
Right: -26.169+/-0.025 χ^2/NDF: 475115.6/36

In: -20.404+/-0.013 χ^2/NDF:332437.0/39

Out: -20.234+/-0.012 χ^2/NDF:794415.8/44

All: -20.310+/-0.009 χ^2/NDF: 1126948.1/84

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 14.245+/-0.012 χ^2/NDF:12367.6/24

Right Out: -66.739+/-0.000 χ^2/NDF: 3040152.7/19

Left In: 14.441+/-0.012 χ^2/NDF:12955.9/22

Left: 14.346+/-0.008 χ^2/NDF: 25459.7/47

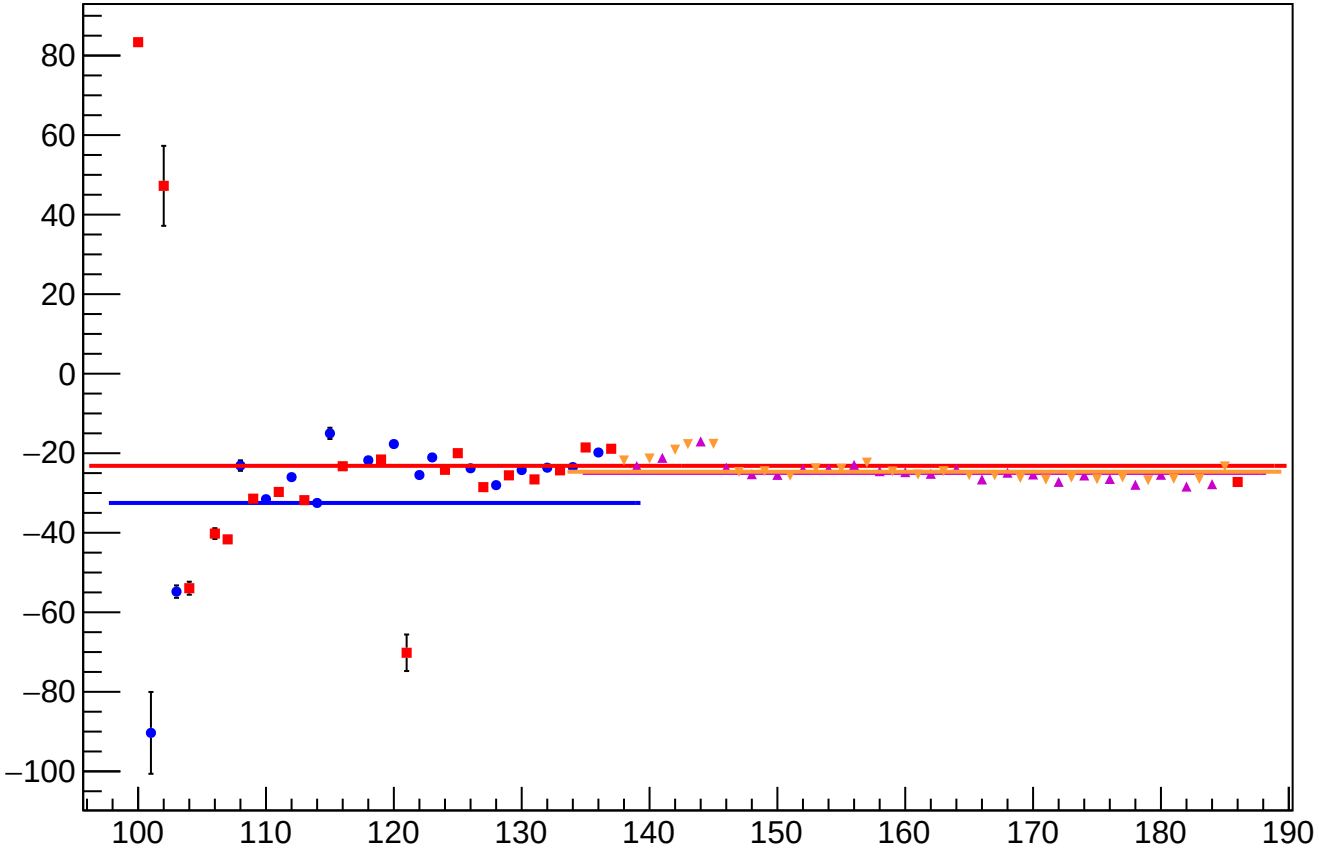
Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:29377.9/39

Out: -66.739+/-0.000 χ^2/NDF:48699899.2/44

All: 12.562+/-0.000 χ^2/NDF: 1884310027651

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -24.652+/-0.015 χ^2/NDF:23058.0/24

Right Out: -23.171+/-0.048 χ^2/NDF: 90784.8/19

Left In: -24.948+/-0.015 χ^2/NDF:14049.6/22

Left: -24.798+/-0.011 χ^2/NDF: 37300.4/47

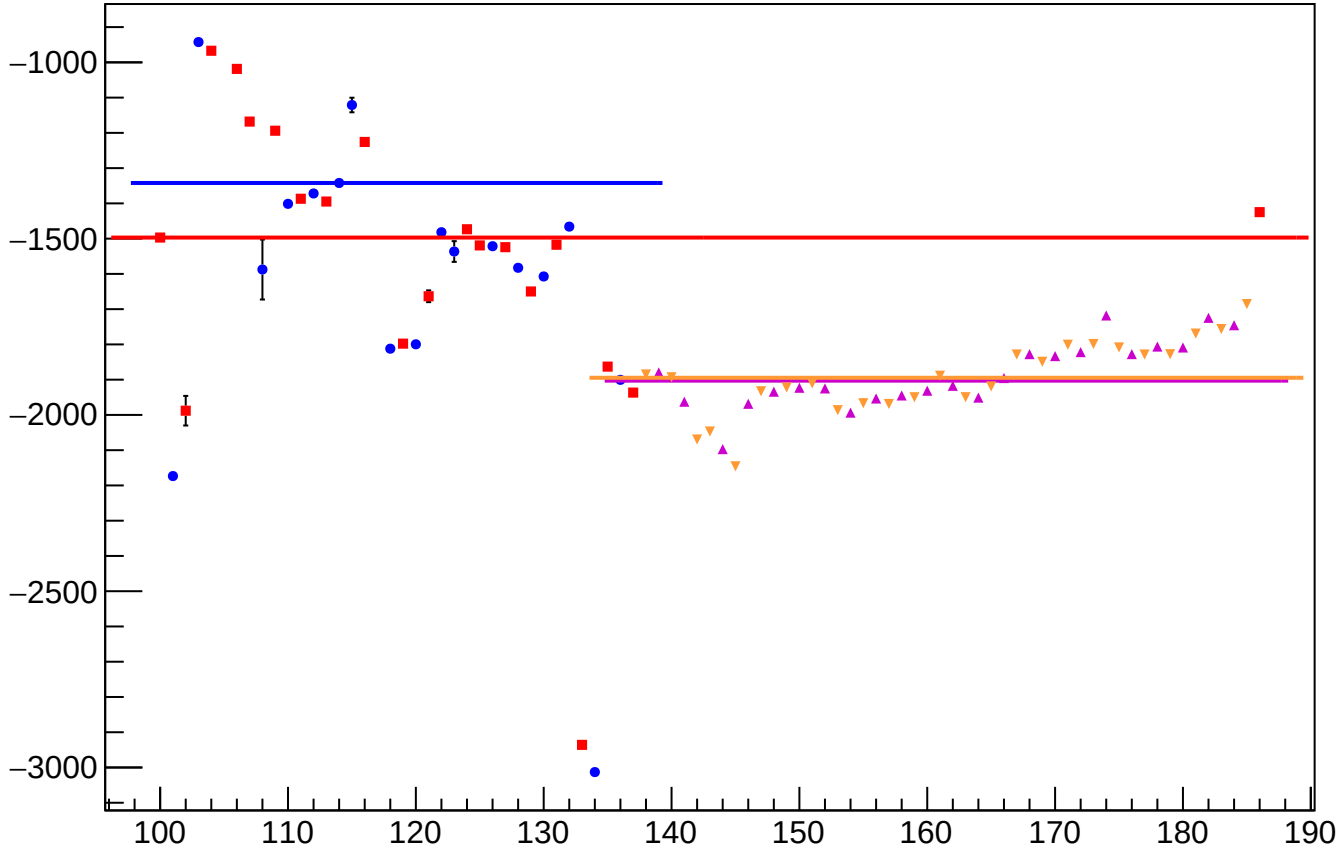
Right: -32.504+/-0.000 χ^2/NDF: 203578.8/36

In: -32.504+/-0.000 χ^2/NDF:336138.3/39

Out: -24.518+/-0.014 χ^2/NDF:114727.2/44

All: -32.504+/-0.000 χ^2/NDF: 763917.7/84

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1894.646+/-0.318 χ^2/NDF:67387.8/24

Right Out: -1496.932+/-0.000 χ^2/NDF: 506306.0/19

Left In: -1902.803+/-0.289 χ^2/NDF:69208.9/22

Left: -1899.114+/-0.214 χ^2/NDF: 136957.6/47

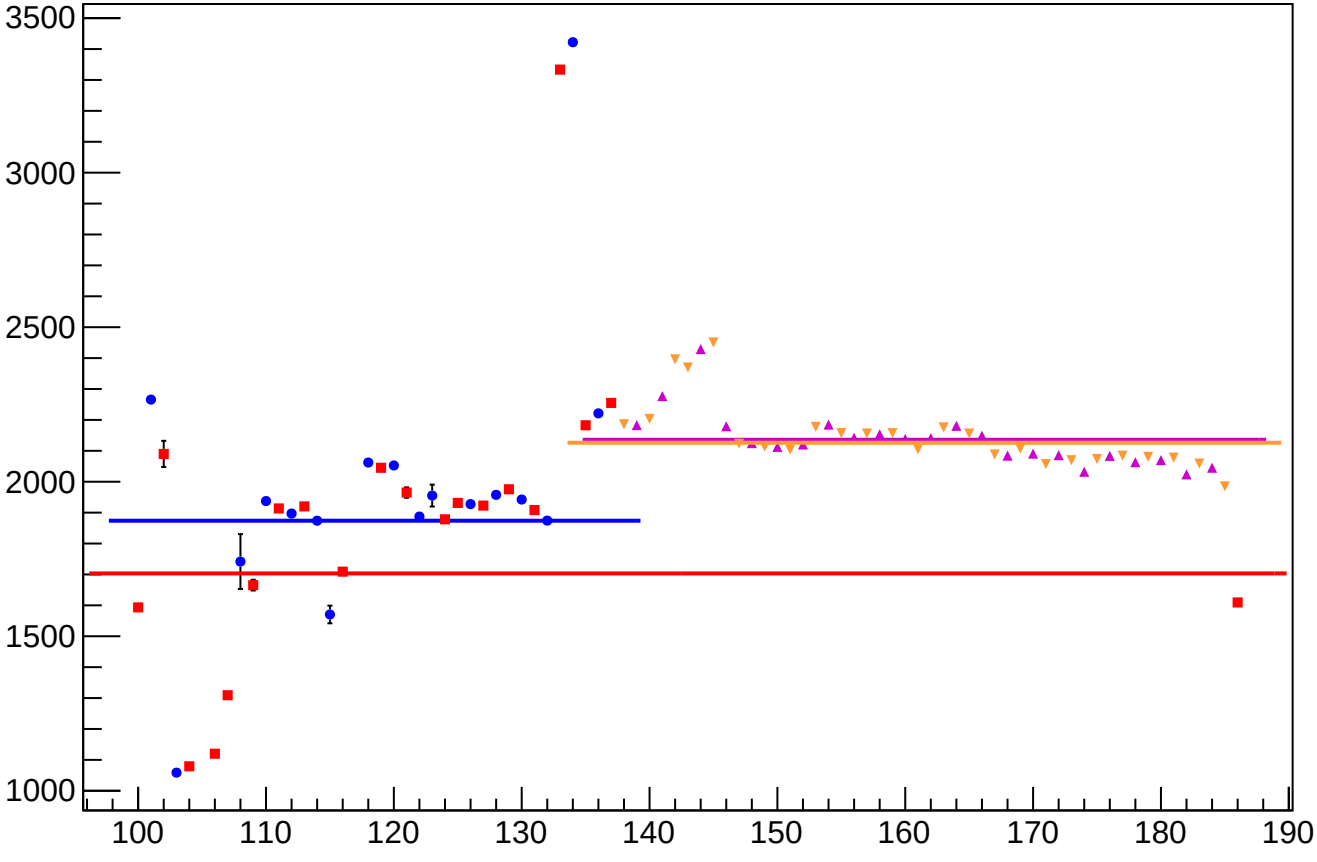
Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:4210196.7/39

Out: -1496.932+/-0.000 χ^2/NDF:2140075.5/44

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2126.160+/-0.317 χ^2/NDF:48244.0/24

Right Out: 1703.303+/-0.297 χ^2/NDF: 841595.4/19

Left In: 2135.770+/-0.290 χ^2/NDF:58031.3/22

Left: 2131.403+/-0.214 χ^2/NDF: 106775.9/47

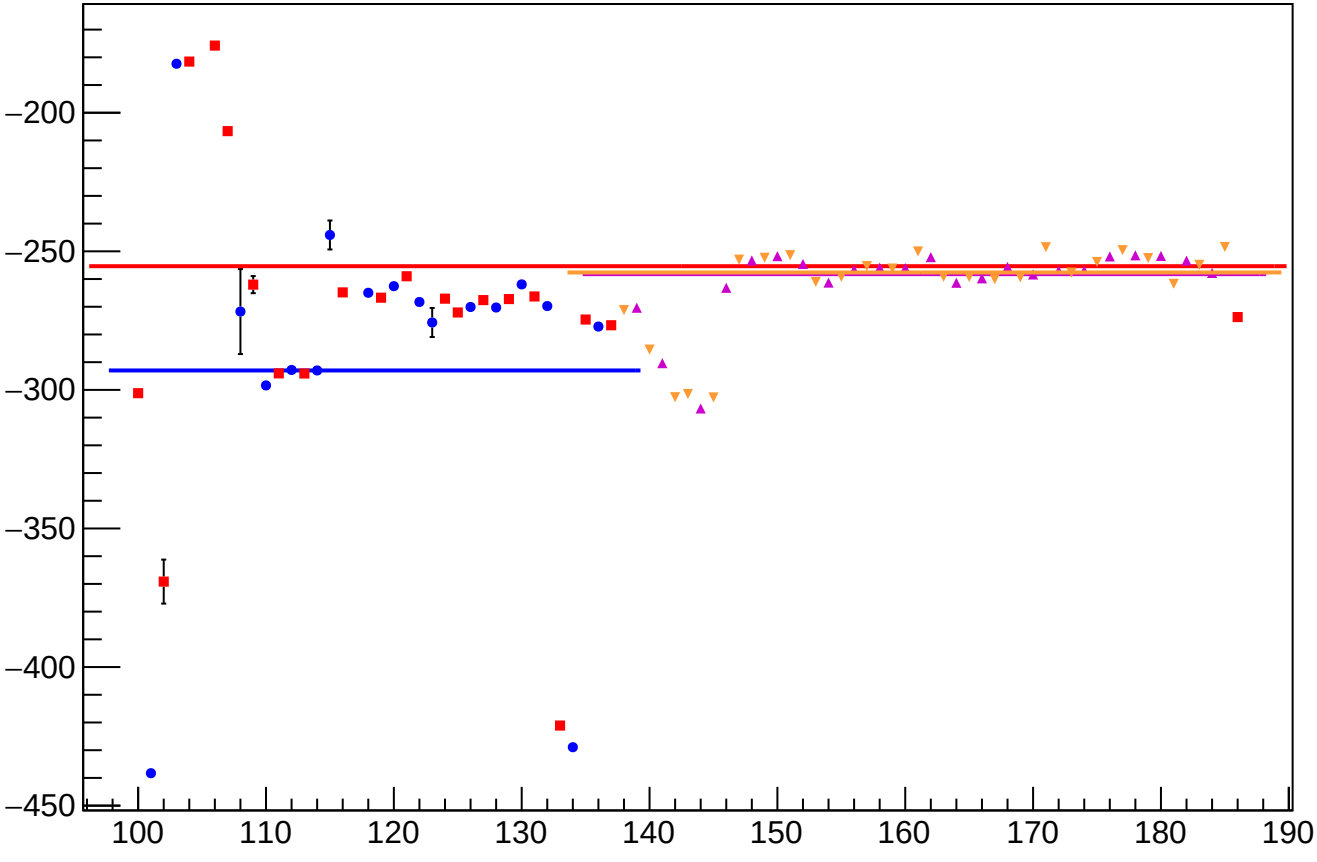
Right: 1873.852+/-0.000 χ^2/NDF: 1372891.5/36

In: 1873.852+/-0.000 χ^2/NDF:1078041.8/39

Out: 1900.790+/-0.217 χ^2/NDF:1836504.0/44

All: 1873.852+/-0.000 χ^2/NDF: 2929981.0/84

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -257.631+/-0.020 χ^2/NDF:226942.0/24

Right Out: -255.366+/-0.057 χ^2/NDF: 509680.7/19

Left In: -258.240+/-0.017 χ^2/NDF:268186.3/22

Left: -257.974+/-0.013 χ^2/NDF: 495658.2/47

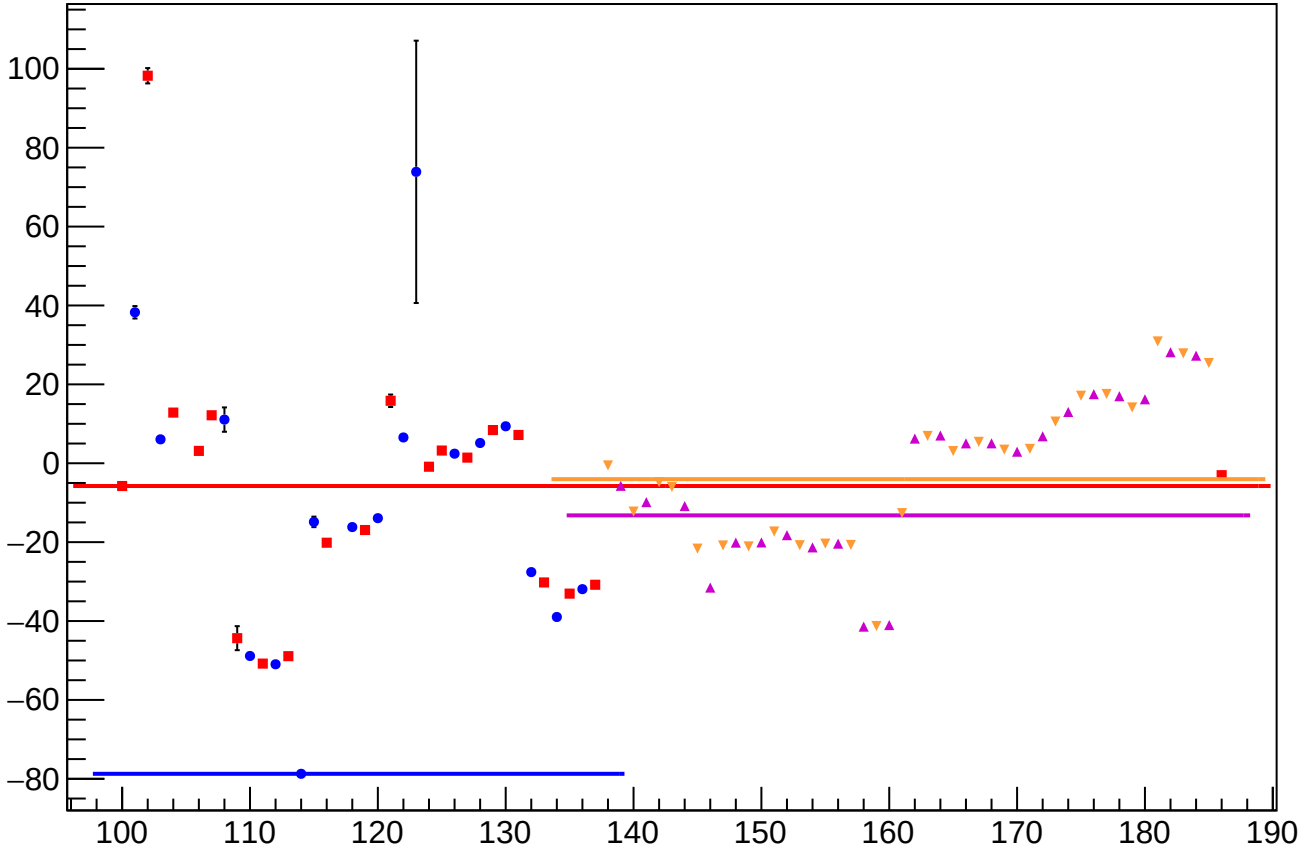
Right: -292.986+/-0.000 χ^2/NDF: 1959466.6/36

In: -292.986+/-0.000 χ^2/NDF:5230427.2/39

Out: -257.387+/-0.019 χ^2/NDF:738027.7/44

All: -292.986+/-0.000 χ^2/NDF: 9571229.3/84

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -4.036+/-0.017 χ^2/NDF:1369619.3/24

Right Out: -5.769+/-0.000 χ^2/NDF: 111594.2/19

Left In: -13.213+/-0.017 χ^2/NDF:1356033.4/22

Left: -8.666+/-0.012 χ^2/NDF: 2871427.0/47

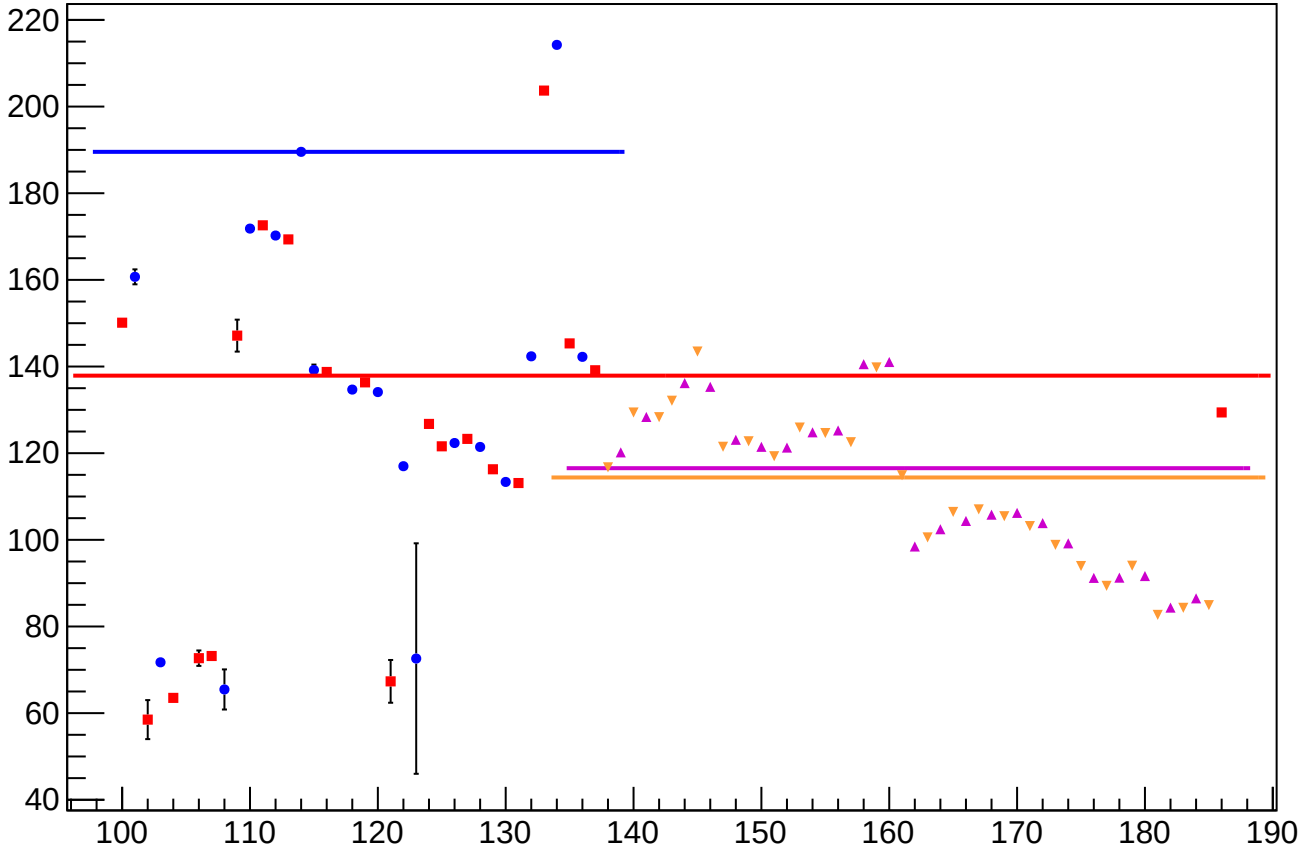
Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:17751896.7/39

Out: -5.769+/-0.000 χ^2/NDF:1491525.6/44

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 114.395+/-0.023 χ^2/NDF:434871.2/24

Right Out: 137.896+/-0.059 χ^2/NDF: 117619.1/19

Left In: 116.538+/-0.024 χ^2/NDF:458128.6/22

Left: 115.418+/-0.016 χ^2/NDF: 897301.5/47

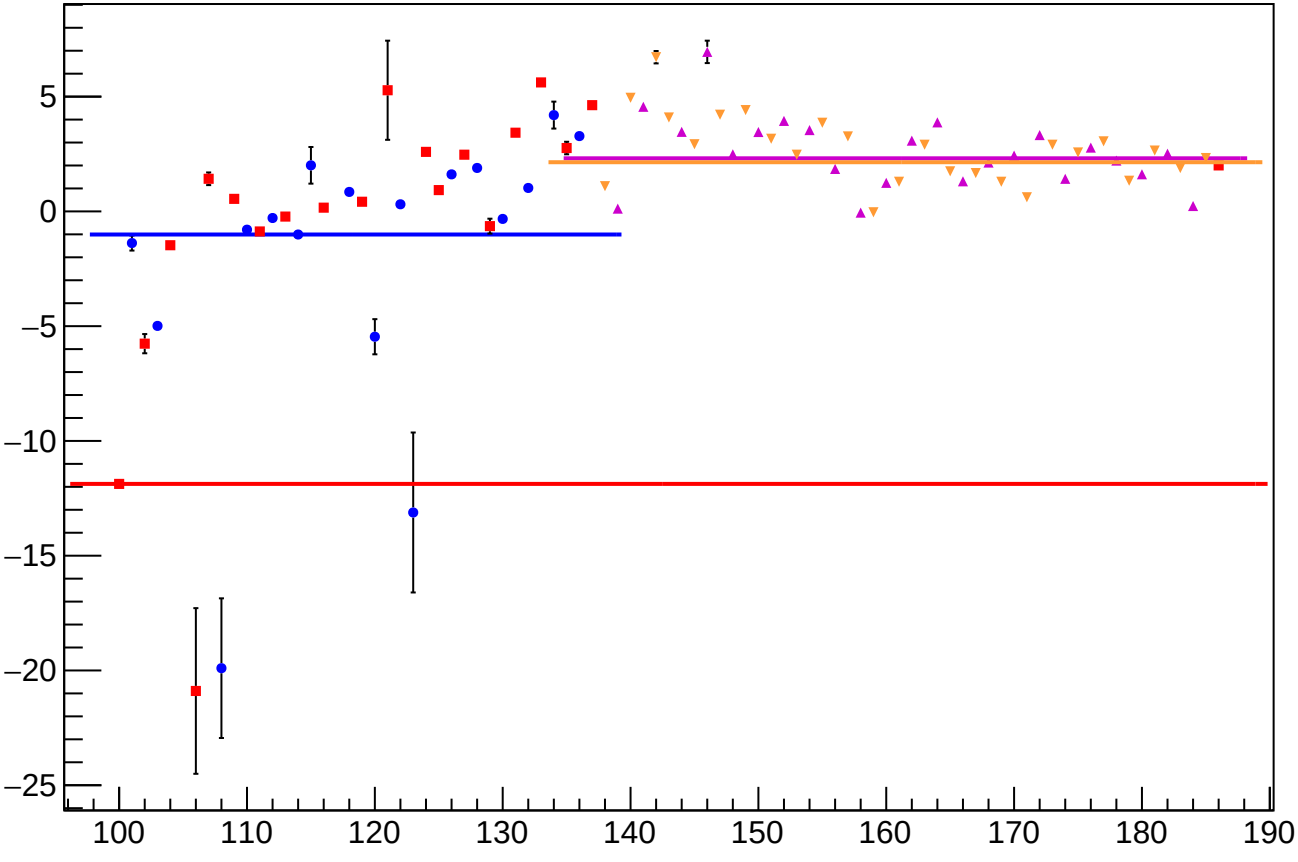
Right: 189.551+/-0.000 χ^2/NDF: 1819391.8/36

In: 189.551+/-0.000 χ^2/NDF:10947333.0/39

Out: 117.422+/-0.021 χ^2/NDF:692125.1/44

All: 189.551+/-0.000 χ^2/NDF: 23360460.1/84

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.143+/-0.015 χ^2/NDF:6585.0/24

Right Out: -11.872+/-0.000 χ^2/NDF: 515659.0/19

Left In: 2.313+/-0.014 χ^2/NDF:7446.3/22

Left: 2.231+/-0.010 χ^2/NDF: 14101.5/47

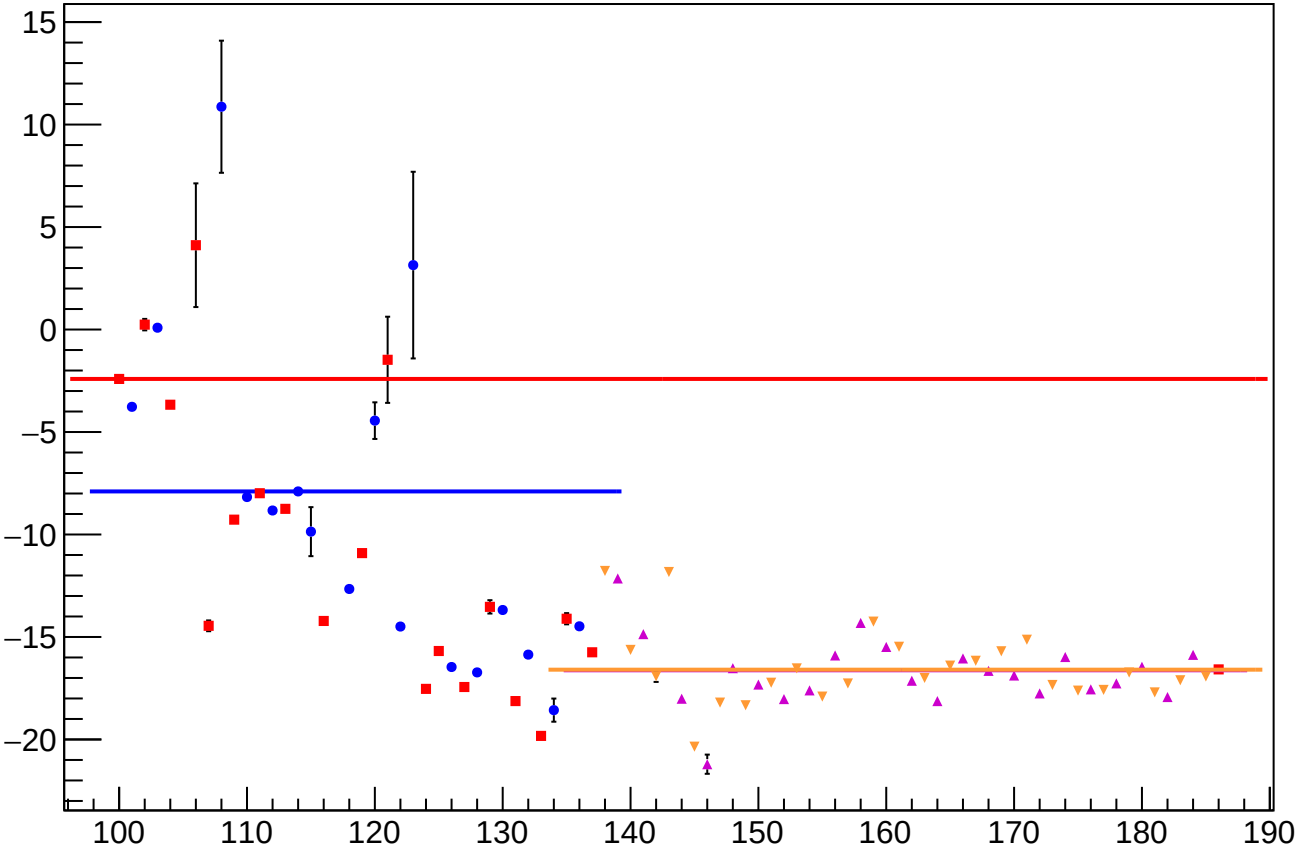
Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:70228.0/39

Out: -11.872+/-0.000 χ^2/NDF:1437476.1/44

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -16.595+/-0.014 χ^2/NDF:8432.7/24

Right Out: -2.410+/-0.000 χ^2/NDF: 220251.9/19

Left In: -16.625+/-0.015 χ^2/NDF:6289.5/22

Left: -16.610+/-0.010 χ^2/NDF: 14724.4/47

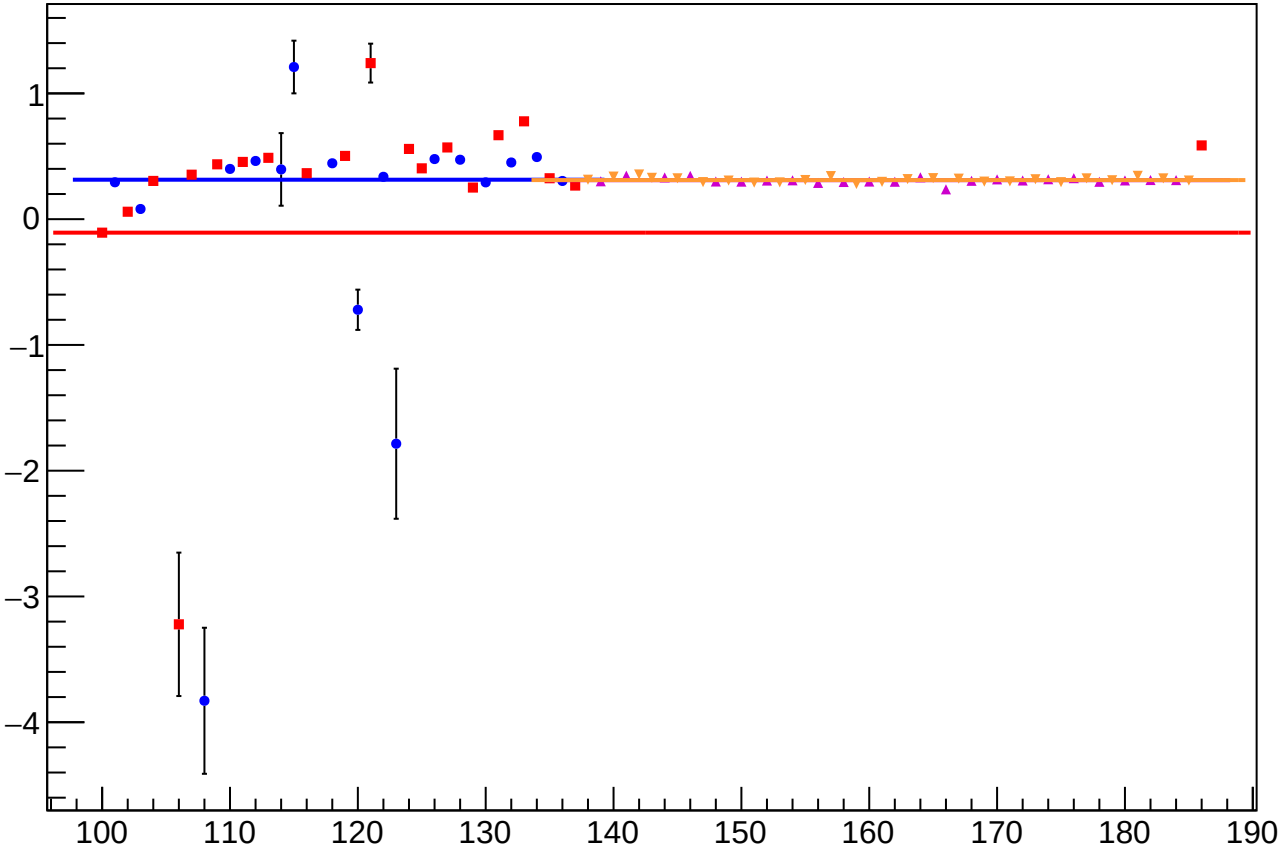
Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:398540.8/39

Out: -2.410+/-0.000 χ^2/NDF:1201949.0/44

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.311+/-0.000 χ^2/NDF:4975.7/24

Right Out: -0.107+/-0.000 χ^2/NDF: 221935.9/19

Left In: 0.310+/-0.000 χ^2/NDF:3074.6/22

Left: 0.310+/-0.000 χ^2/NDF: 8056.7/47

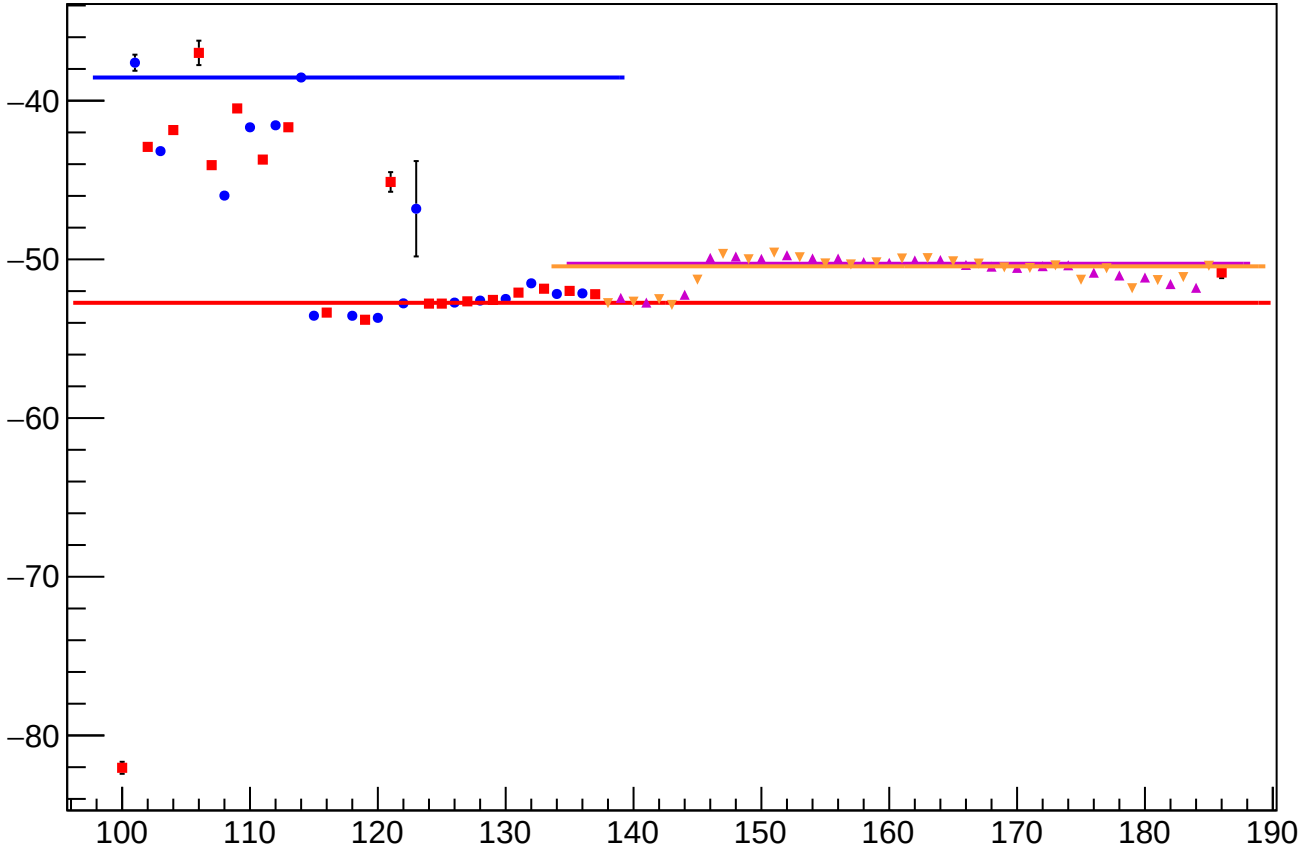
Right: -0.107+/-0.000 χ^2/NDF: 411029.9/36

In: 0.310+/-0.000 χ^2/NDF:5837.0/39

Out: -0.107+/-0.000 χ^2/NDF:3664186.0/44

All: -0.107+/-0.000 χ^2/NDF: 7158805.7/84

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.438+/-0.001 χ^2/NDF:299897.3/24

Right Out: -52.737+/-0.002 χ^2/NDF: 87459.6/19

Left In: -50.276+/-0.001 χ^2/NDF:190236.3/22

Left: -50.350+/-0.001 χ^2/NDF: 497837.6/47

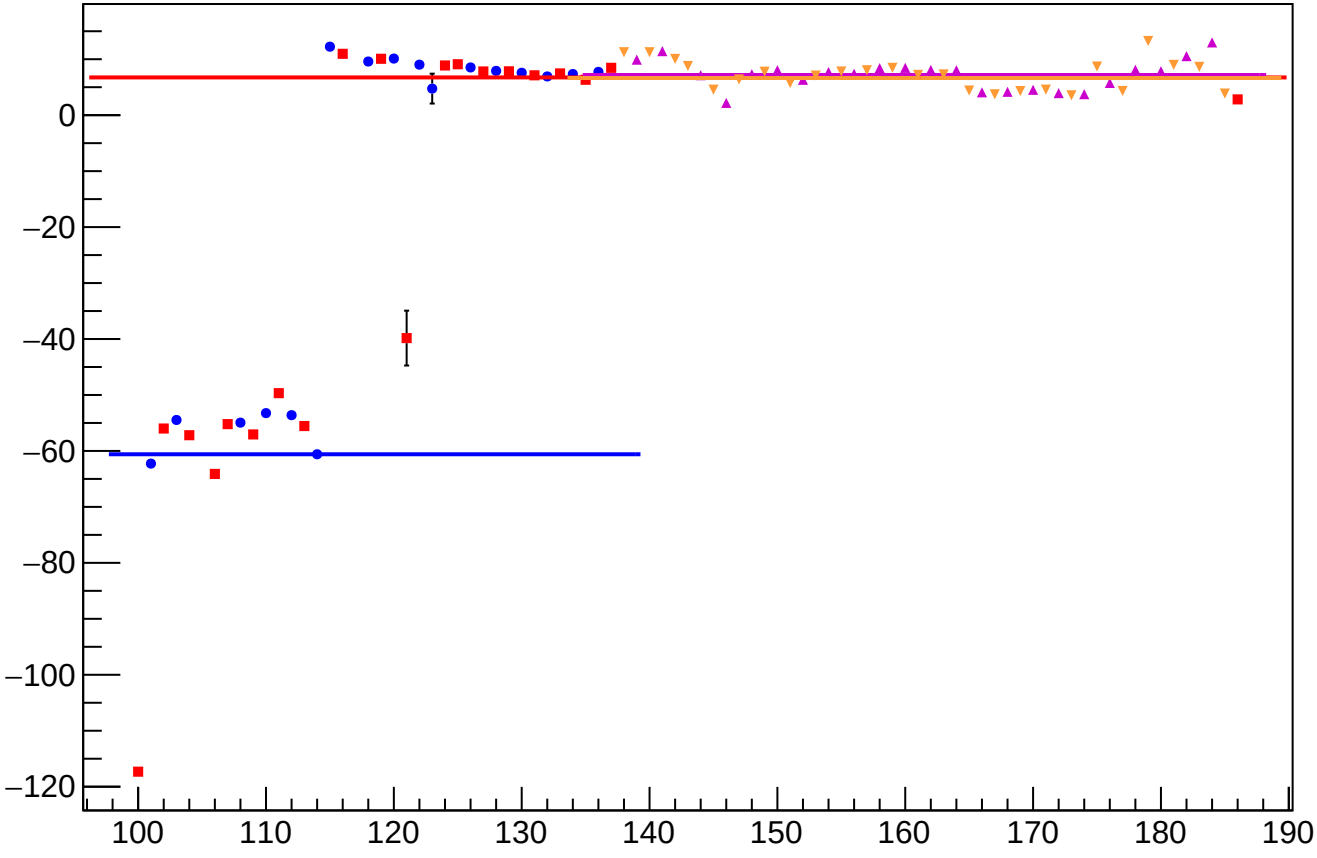
Right: -38.539+/-0.000 χ^2/NDF: 72102055.4/36

In: -38.539+/-0.000 χ^2/NDF:103109915.6/39

Out: -51.235+/-0.001 χ^2/NDF:1364398.9/44

All: -38.539+/-0.000 χ^2/NDF: 236140343.0/8

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 6.641+/-0.004 χ^2/NDF:340462.4/24

Right Out: 6.745+/-0.011 χ^2/NDF: 1266707.7/19

Left In: 7.179+/-0.003 χ^2/NDF:214127.6/22

Left: 6.926+/-0.003 χ^2/NDF: 565961.5/47

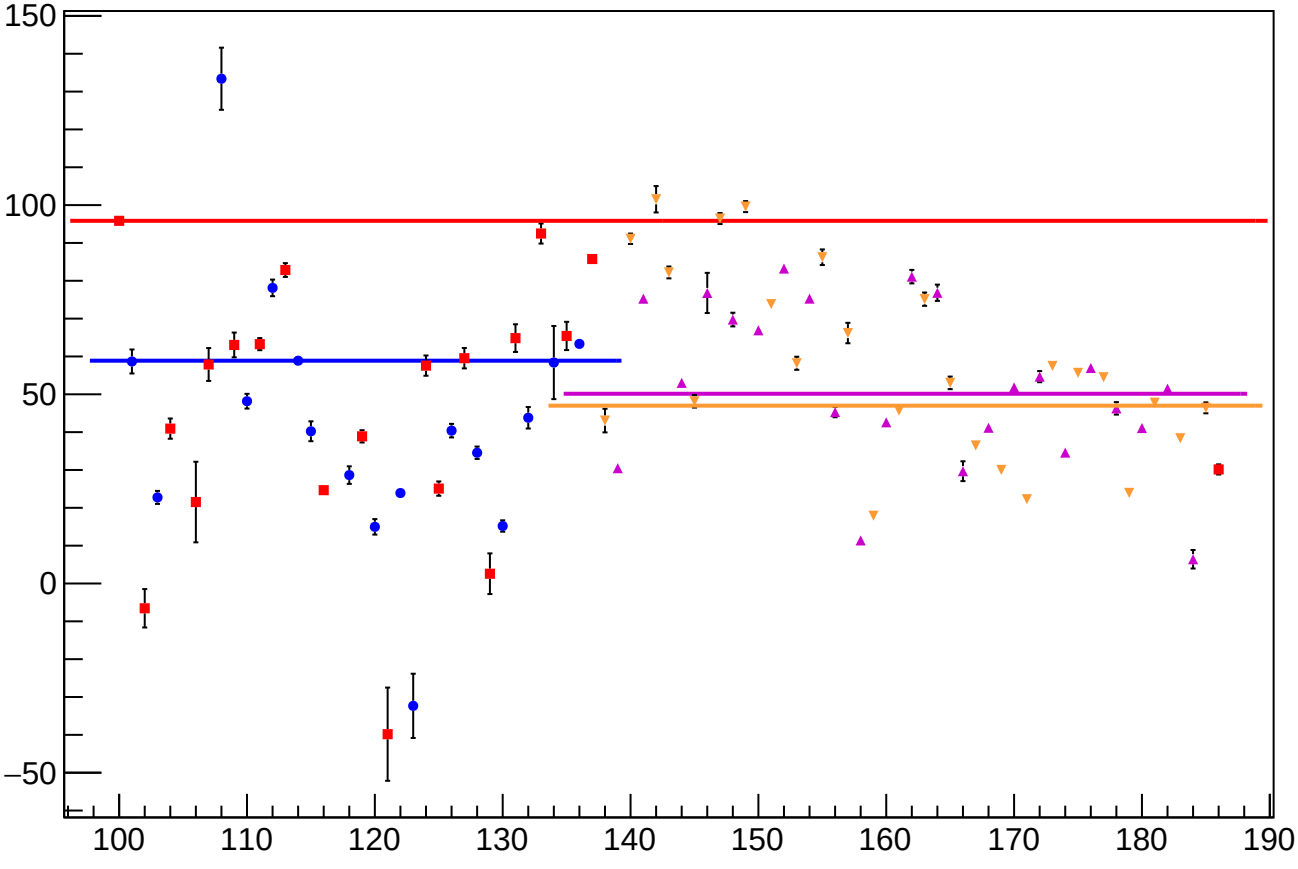
Right: -60.594+/-0.000 χ^2/NDF: 64807058.7/36

In: -60.594+/-0.000 χ^2/NDF:410193700.0/39

Out: 6.651+/-0.003 χ^2/NDF:1607251.0/44

All: -60.594+/-0.000 χ^2/NDF: 783283511.1/8

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 46.995+/-0.215 χ^2/NDF:9203.7/24

Right Out: 95.846+/-0.000 χ^2/NDF: 41779.7/19

Left In: 50.144+/-0.212 χ^2/NDF:6667.7/22

Left: 48.595+/-0.151 χ^2/NDF: 15980.5/47

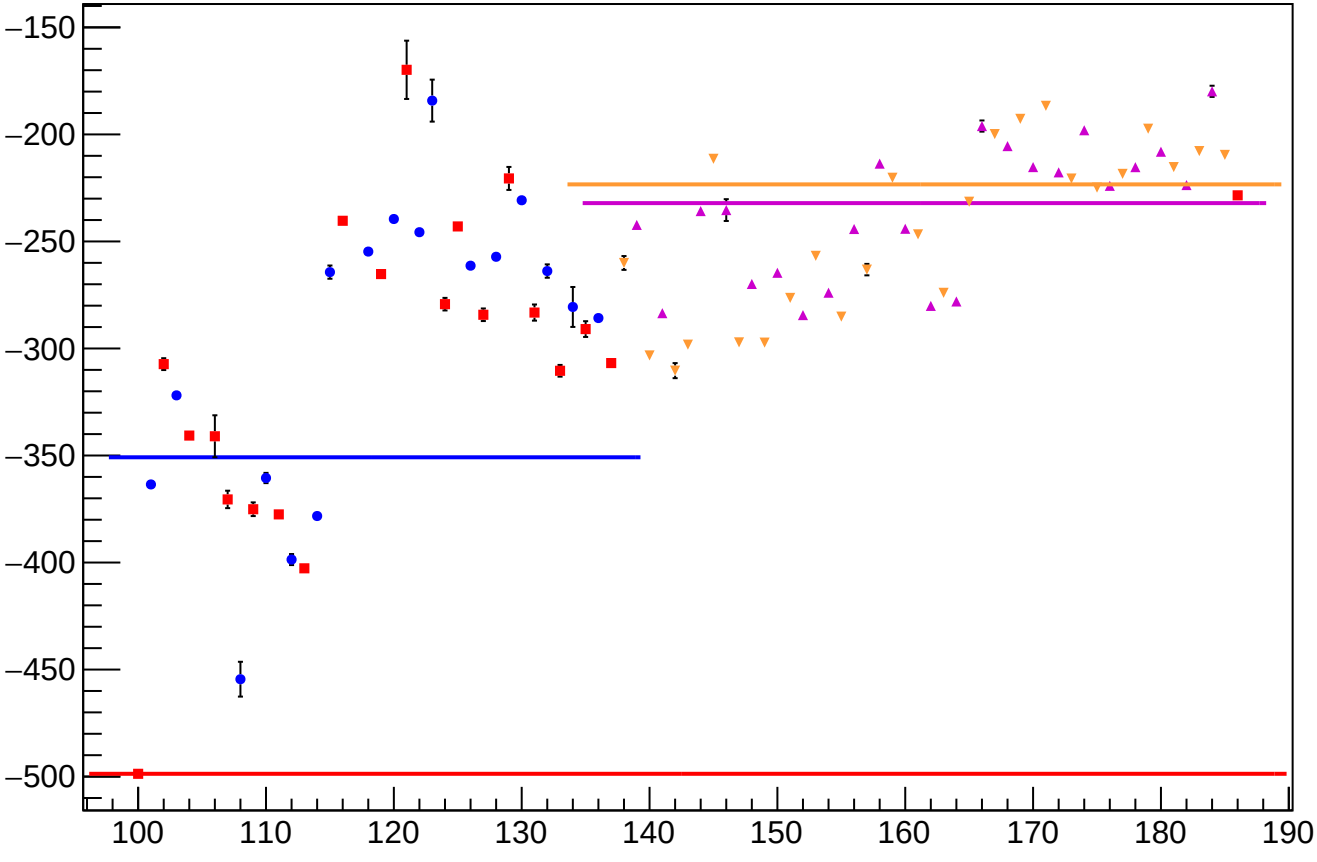
Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:12188.3/39

Out: 95.846+/-0.000 χ^2/NDF:102624.2/44

All: 60.098+/-0.000 χ^2/NDF: 9815233945666

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -223.342+/-0.215 χ^2/NDF:22293.9/24

Right Out: -498.692+/-0.000 χ^2/NDF: 561270.2/19

Left In: -232.094+/-0.217 χ^2/NDF:17468.1/22

Left: -227.678+/-0.153 χ^2/NDF: 40579.8/47

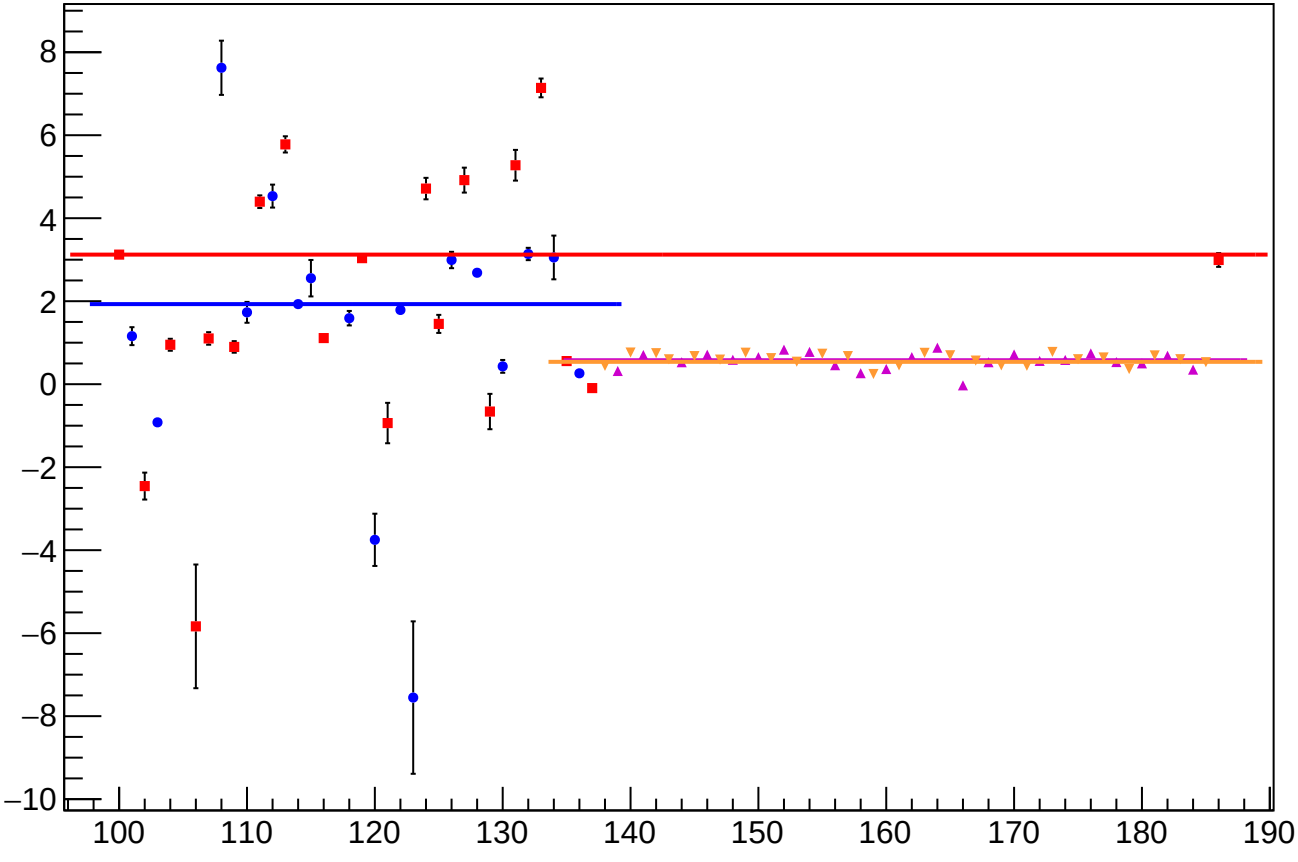
Right: -498.692+/-0.000 χ^2/NDF: 968180.2/36

In: -284.516+/-0.162 χ^2/NDF:190454.9/39

Out: -498.692+/-0.000 χ^2/NDF:2217227.4/44

All: -498.692+/-0.000 χ^2/NDF: 4145265.2/84

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.539+/-0.002 χ^2/NDF:10792.6/24

Right Out: 3.123+/-0.000 χ^2/NDF: 512566.1/19

Left In: 0.577+/-0.001 χ^2/NDF:15533.6/22

Left: 0.561+/-0.001 χ^2/NDF: 26629.0/47

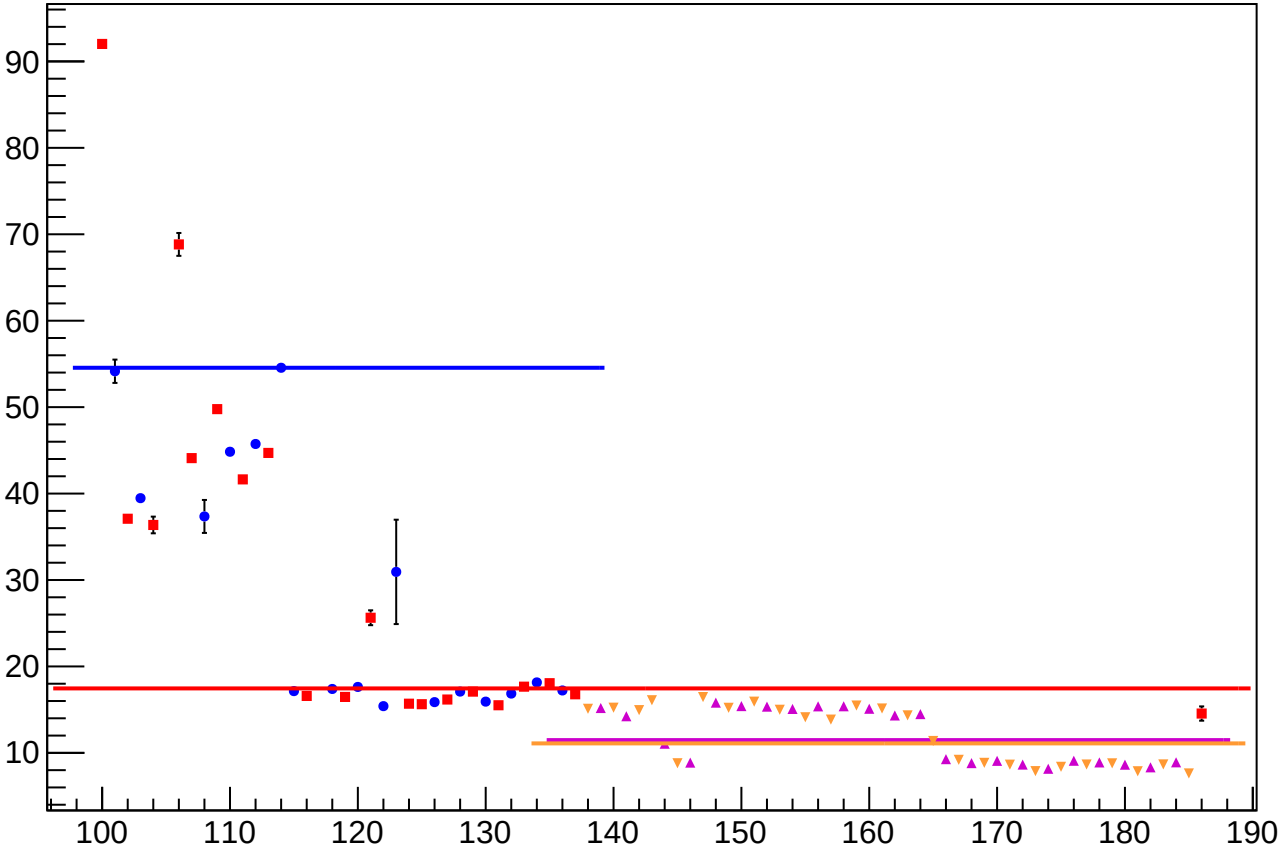
Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:944701.6/39

Out: 3.123+/-0.000 χ^2/NDF:2908401.8/44

All: 2.073+/-0.000 χ^2/NDF: 38099534578085

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 11.095+/-0.005 χ^2/NDF:381518.3/24

Right Out: 17.457+/-0.018 χ^2/NDF: 99320.9/19

Left In: 11.477+/-0.005 χ^2/NDF:381285.2/22

Left: 11.291+/-0.004 χ^2/NDF: 765409.6/47

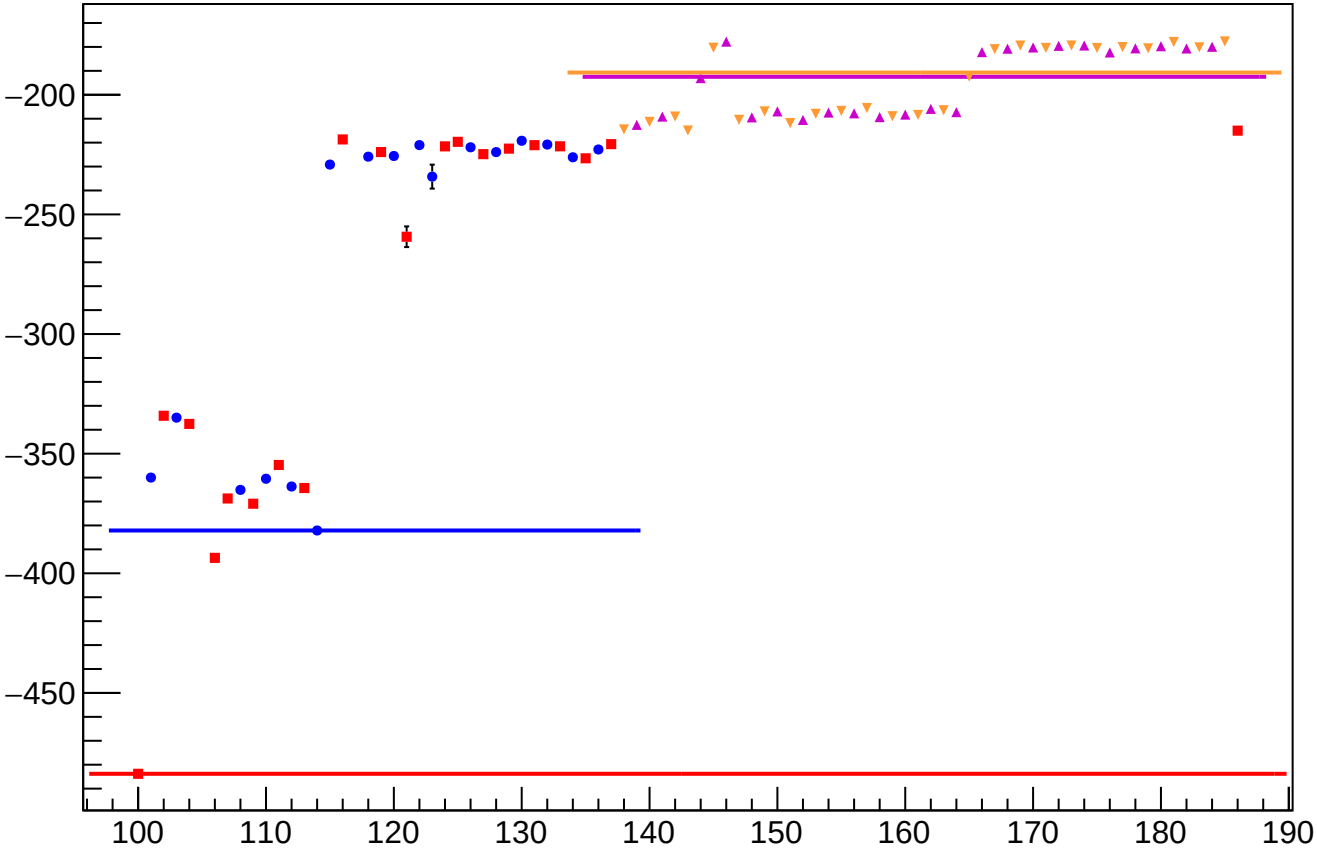
Right: 54.556+/-0.000 χ^2/NDF: 11456287.7/36

In: 54.556+/-0.000 χ^2/NDF:75565168.9/39

Out: 11.598+/-0.005 χ^2/NDF:592369.2/44

All: 54.556+/-0.000 χ^2/NDF: 145989822.2/84

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -190.703+/-0.011 χ^2/NDF:1602184.8/24

Right Out: -483.800+/-0.000 χ^2/NDF: 24422871.3/19

Left In: -192.488+/-0.011 χ^2/NDF:1500910.9/22

Left: -191.577+/-0.008 χ^2/NDF: 3115630.8/47

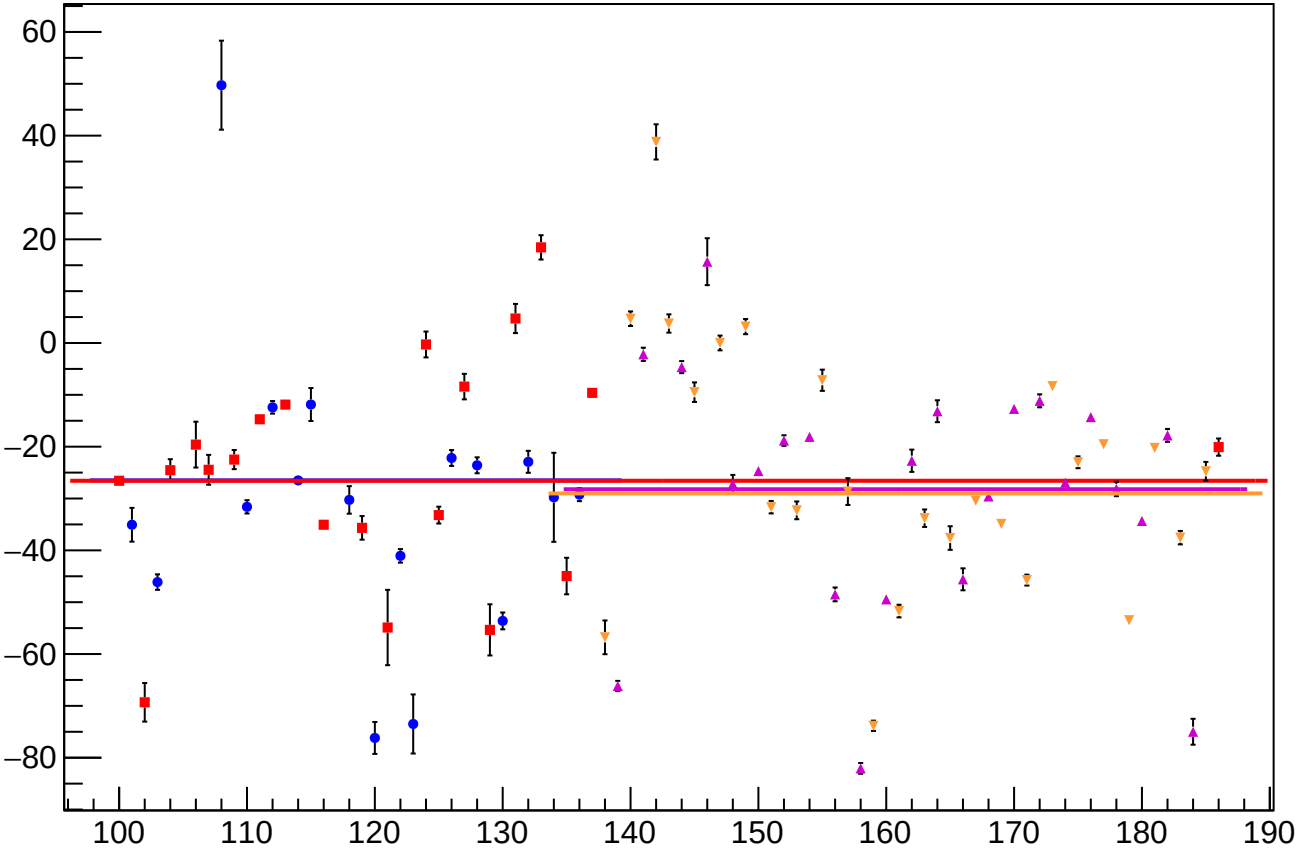
Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:297012180.6/39

Out: -483.800+/-0.000 χ^2/NDF:716204816.1/44

All: -417.999+/-0.000 χ^2/NDF: 12425488813

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -29.022+/-0.235 χ^2/NDF:7110.5/24

Right Out: -26.577+/-0.000 χ^2/NDF: 2656.1/19

Left In: -28.215+/-0.215 χ^2/NDF:7786.5/22

Left: -28.582+/-0.158 χ^2/NDF: 14903.4/47

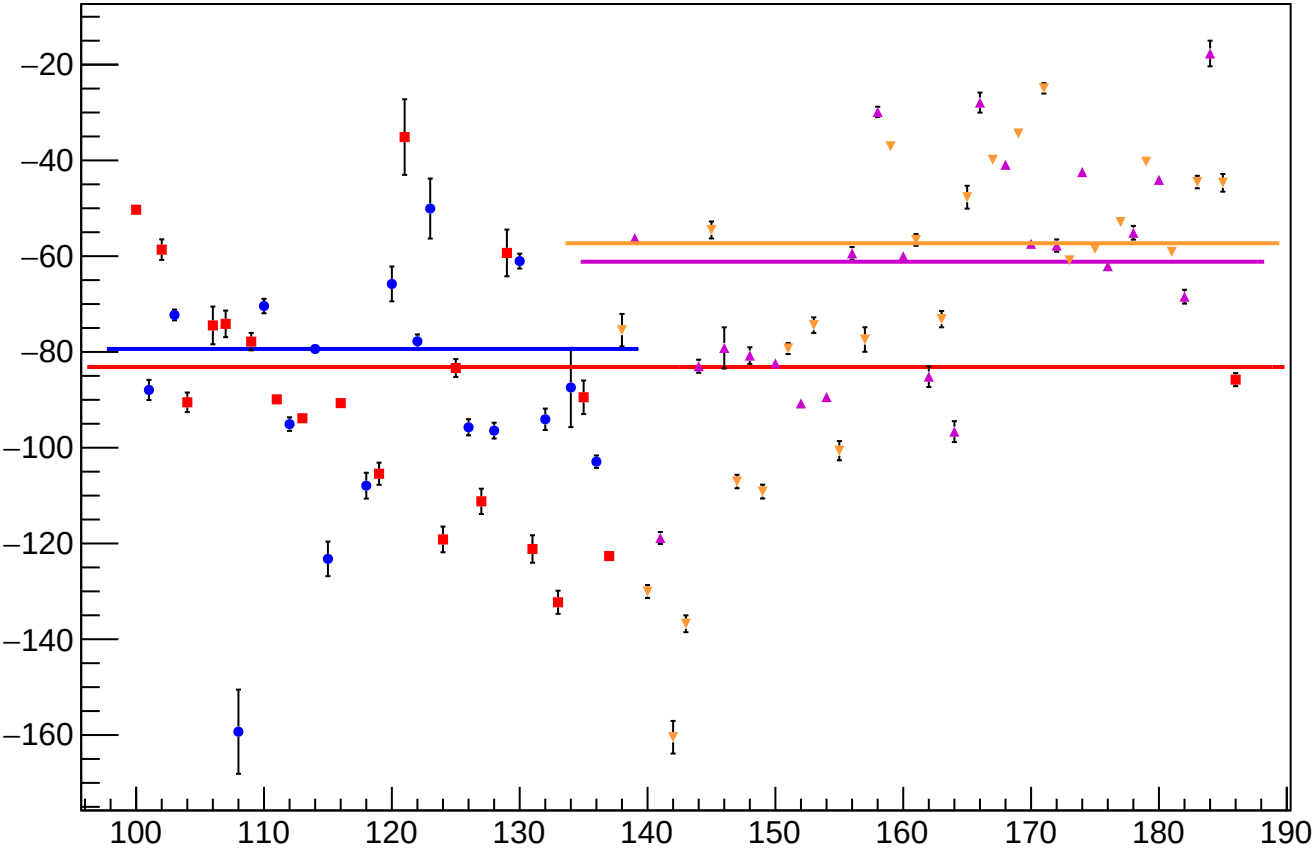
Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:9030.8/39

Out: -26.577+/-0.000 χ^2/NDF:9875.1/44

All: -26.530+/-0.000 χ^2/NDF: 412159279654

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -57.300+/-0.229 χ^2/NDF:13067.7/24

Right Out: -83.143+/-0.177 χ^2/NDF: 11919.6/19

Left In: -61.164+/-0.218 χ^2/NDF:8941.7/22

Left: -59.332+/-0.158 χ^2/NDF: 22158.9/47

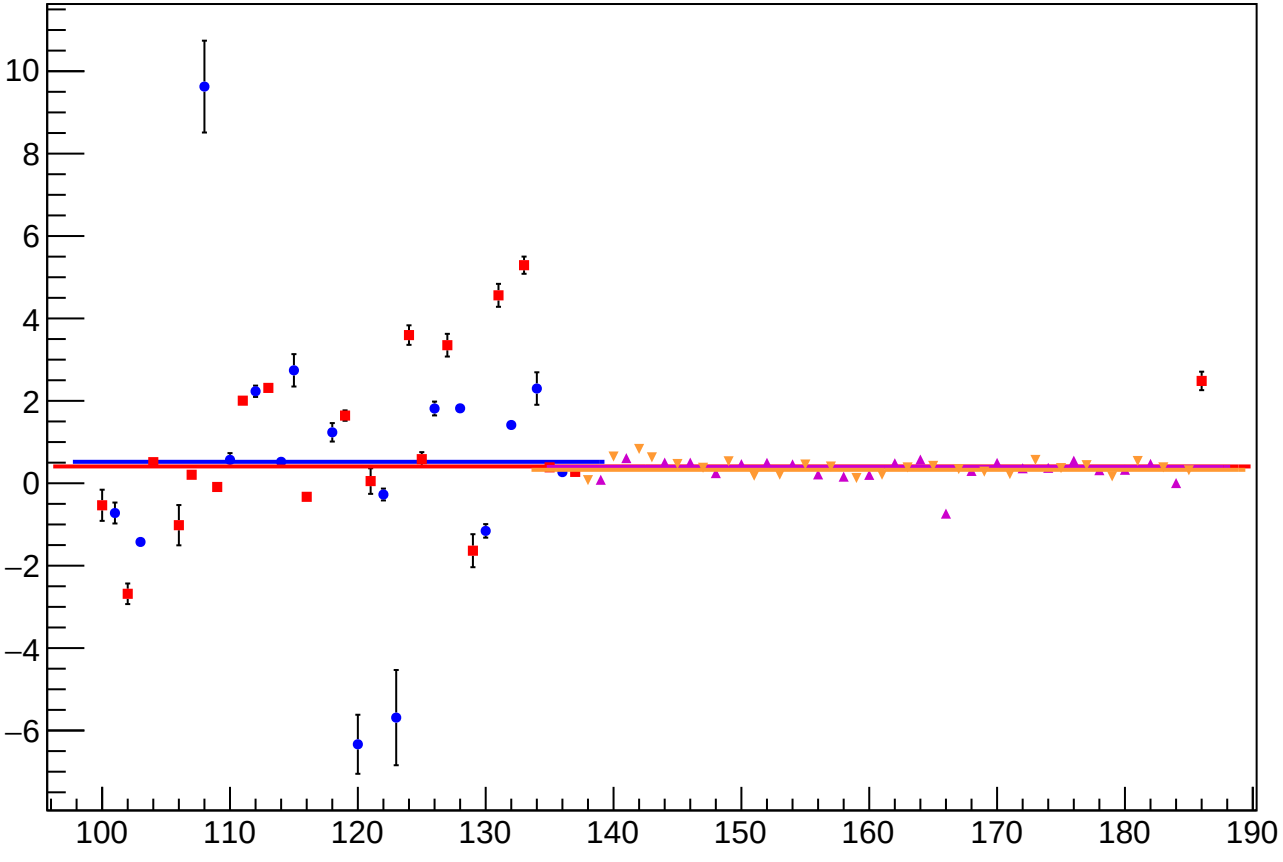
Right: -79.376+/-0.000 χ^2/NDF: 13678.8/36

In: -79.376+/-0.000 χ^2/NDF:17252.2/39

Out: -73.510+/-0.140 χ^2/NDF:32962.0/44

All: -79.376+/-0.000 χ^2/NDF: 51971.7/84

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.326+/-0.002 χ^2/NDF:10419.3/24

Right Out: 0.408+/-0.011 χ^2/NDF: 2813.4/19

Left In: 0.396+/-0.001 χ^2/NDF:11392.0/22

Left: 0.365+/-0.001 χ^2/NDF: 22859.4/47

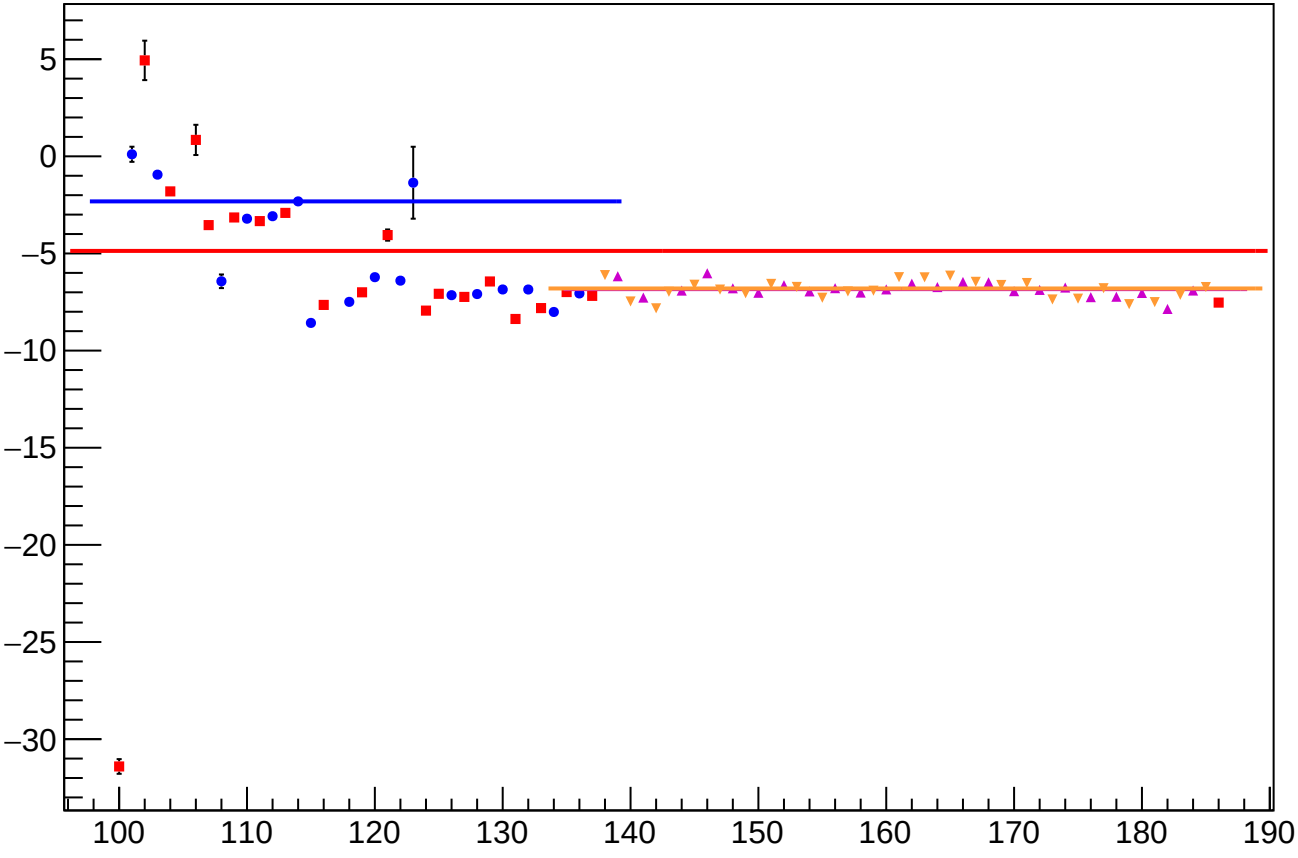
Right: 0.521+/-0.000 χ^2/NDF: 6291.7/36

In: 0.521+/-0.000 χ^2/NDF:22279.6/39

Out: 0.328+/-0.002 χ^2/NDF:13288.2/44

All: 0.521+/-0.000 χ^2/NDF: 50373.0/84

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.802+/-0.002 χ^2/NDF:14918.8/24

Right Out: -4.869+/-0.010 χ^2/NDF: 49486.8/19

Left In: -6.836+/-0.002 χ^2/NDF:9245.1/22

Left: -6.819+/-0.002 χ^2/NDF: 24259.8/47

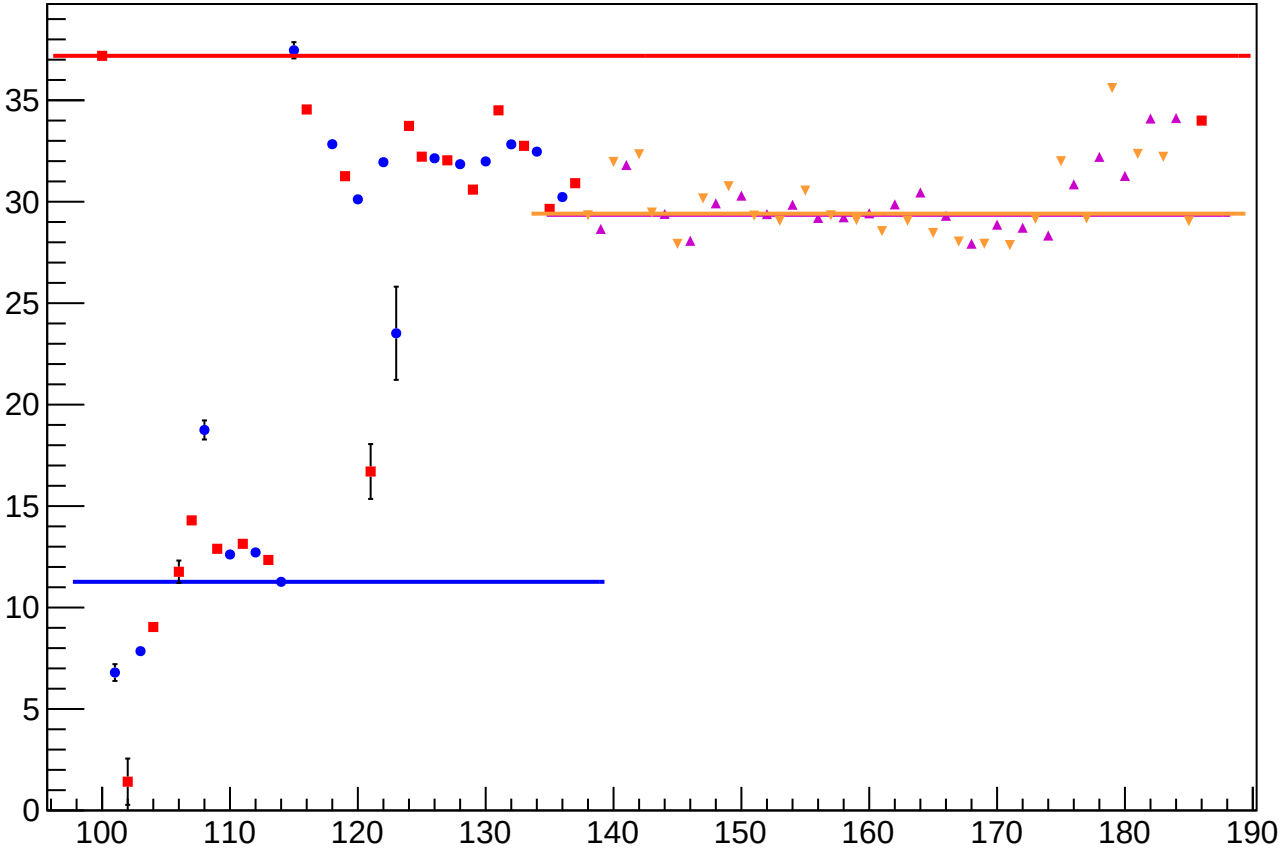
Right: -2.320+/-0.000 χ^2/NDF: 381568.6/36

In: -2.320+/-0.000 χ^2/NDF:3792097.0/39

Out: -6.695+/-0.002 χ^2/NDF:97730.3/44

All: -2.320+/-0.000 χ^2/NDF: 7165719.6/84

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.411+/-0.008 χ^2/NDF:44374.5/24

Right Out: 37.191+/-0.000 χ^2/NDF: 1122094.6/19

Left In: 29.354+/-0.008 χ^2/NDF:14741.7/22

Left: 29.381+/-0.006 χ^2/NDF: 59141.7/47

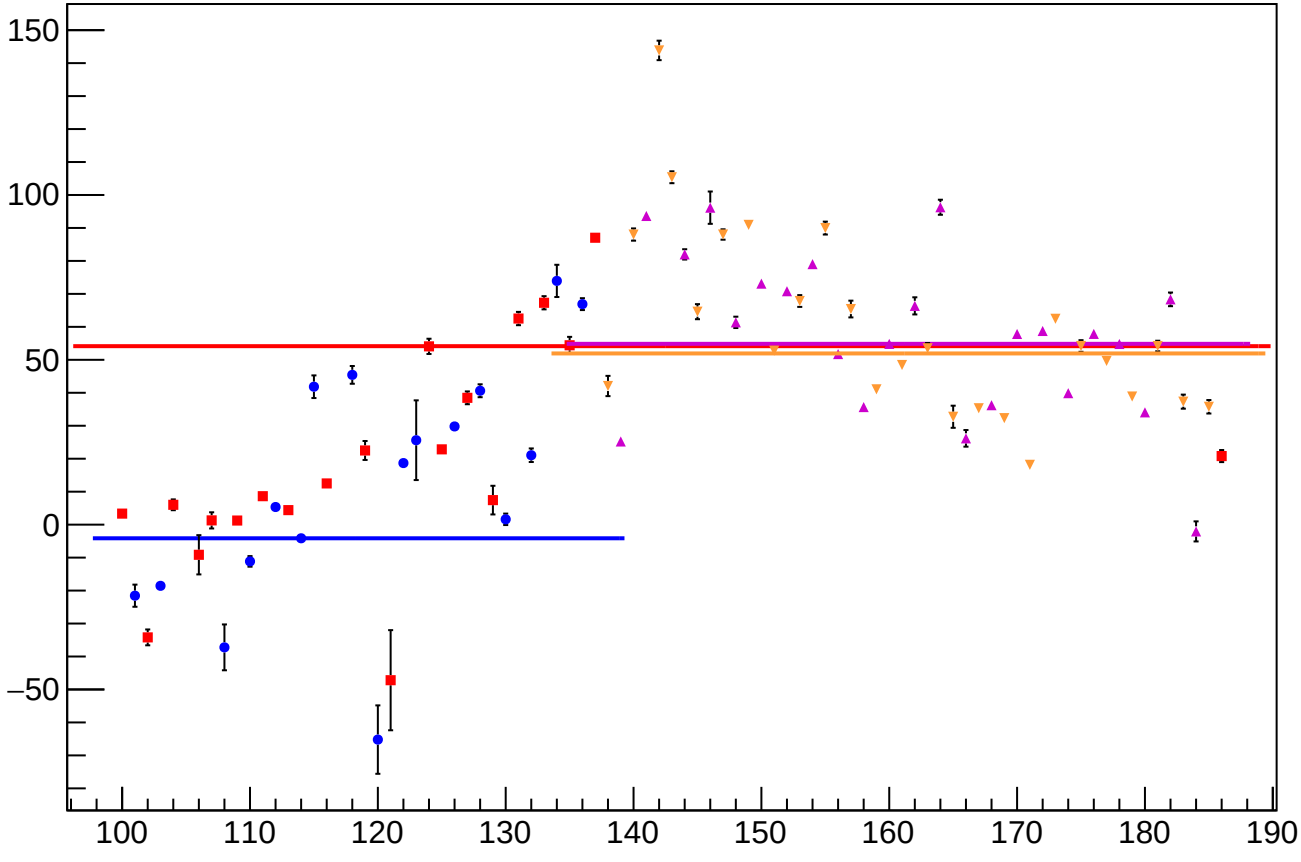
Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:6236963.1/39

Out: 37.191+/-0.000 χ^2/NDF:2070245.7/44

All: 12.122+/-0.000 χ^2/NDF: 7723055694978

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 51.931+/-0.276 χ^2/NDF:6225.4/24

Right Out: 54.139+/-0.169 χ^2/NDF: 54332.8/19

Left In: 54.849+/-0.247 χ^2/NDF:6325.8/22

Left: 53.548+/-0.184 χ^2/NDF: 12613.3/47

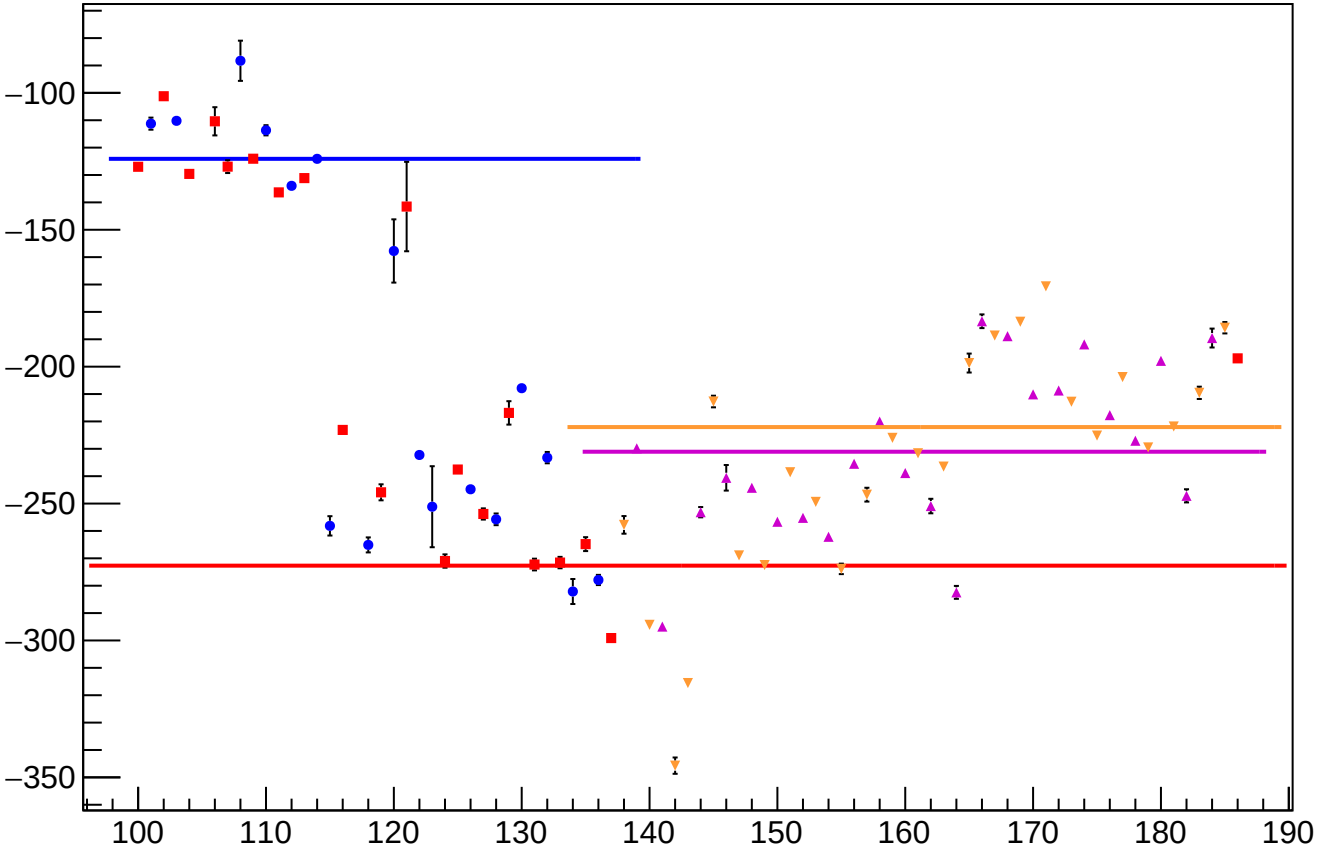
Right: -4.139+/-0.000 χ^2/NDF: 177214.8/36

In: -4.139+/-0.000 χ^2/NDF:67934.6/39

Out: 53.533+/-0.144 χ^2/NDF:60604.8/44

All: -4.139+/-0.000 χ^2/NDF: 288126.6/84

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -222.063+/-0.272 χ^2/NDF:15812.2/24

Right Out: -272.677+/-0.112 χ^2/NDF: 282936.1/19

Left In: -231.069+/-0.249 χ^2/NDF:12005.6/22

Left: -226.957+/-0.184 χ^2/NDF: 28412.7/47

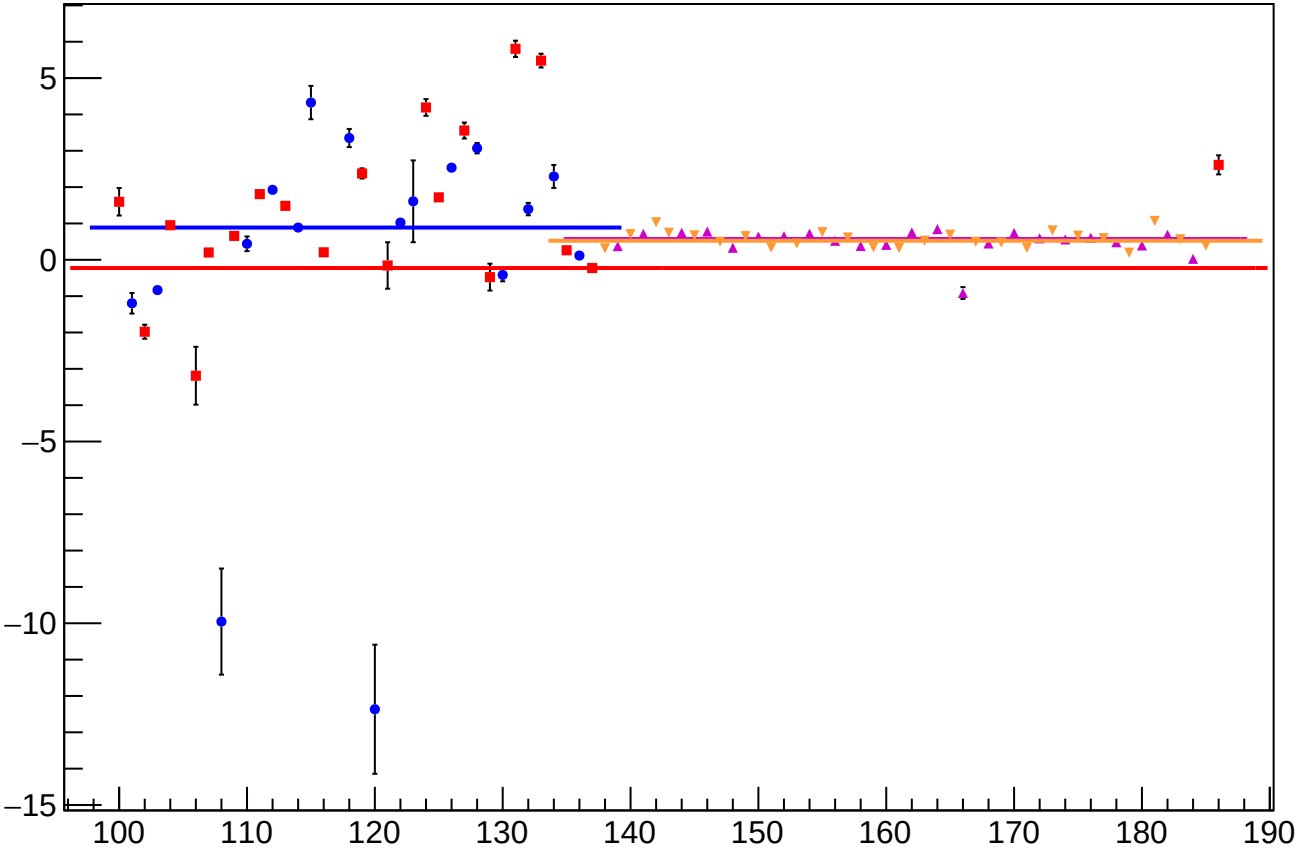
Right: -124.095+/-0.000 χ^2/NDF: 2069349.1/36

In: -124.095+/-0.000 χ^2/NDF:234031.5/39

Out: -265.306+/-0.104 χ^2/NDF:328291.7/44

All: -124.095+/-0.000 χ^2/NDF: 2410594.5/84

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.525+/-0.002 χ^2/NDF:9207.9/24

Right Out: -0.226+/-0.000 χ^2/NDF: 5148.4/19

Left In: 0.572+/-0.002 χ^2/NDF:5600.2/22

Left: 0.549+/-0.001 χ^2/NDF: 15080.9/47

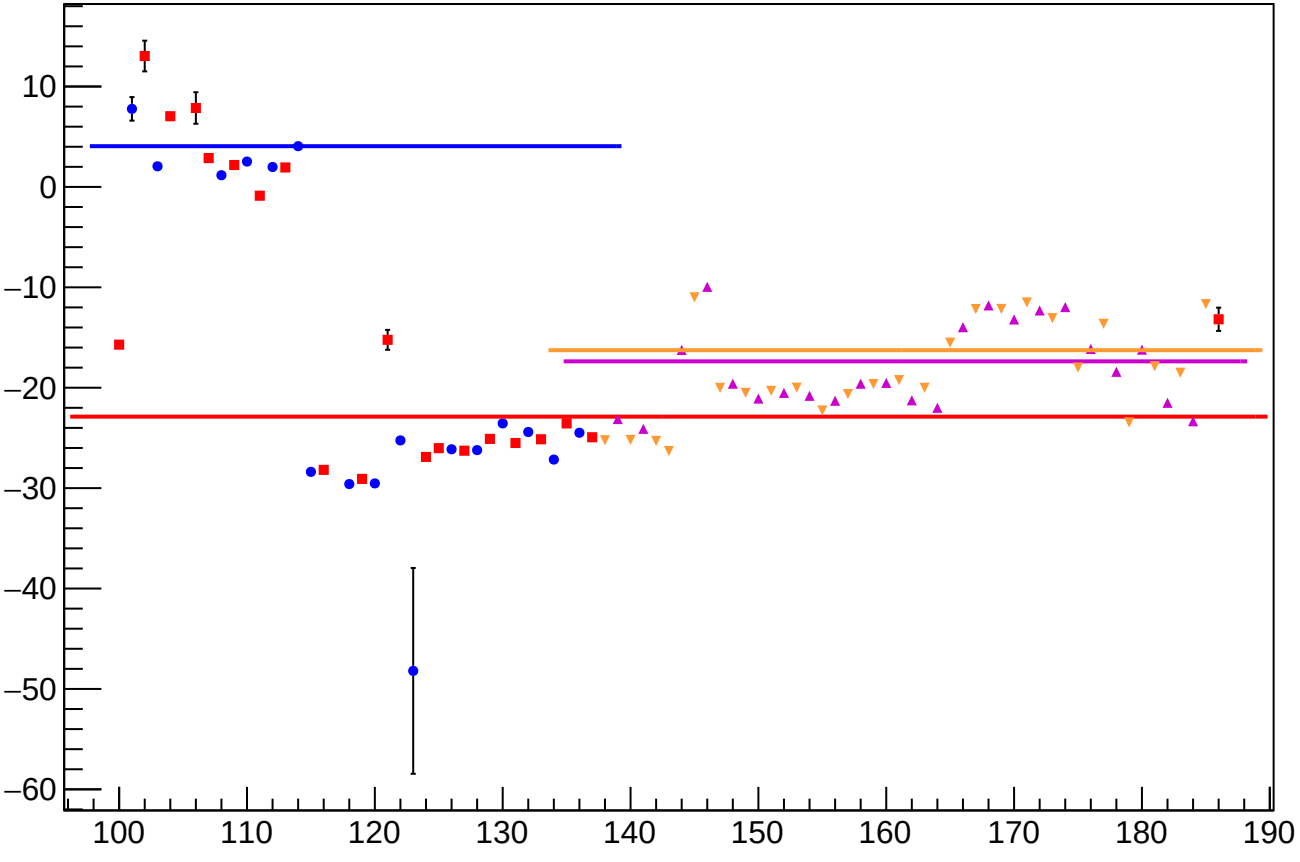
Right: 0.888+/-0.000 χ^2/NDF: 422220573.3/36

In: 0.888+/-0.000 χ^2/NDF:39701.5/39

Out: -0.225+/-0.000 χ^2/NDF:152878.7/44

All: 0.888+/-0.000 χ^2/NDF: 422293150.0/84

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.260+/-0.010 χ^2/NDF:188515.0/24

Right Out: -22.880+/-0.026 χ^2/NDF: 116579.2/19

Left In: -17.374+/-0.009 χ^2/NDF:169487.5/22

Left: -16.854+/-0.007 χ^2/NDF: 364596.8/47

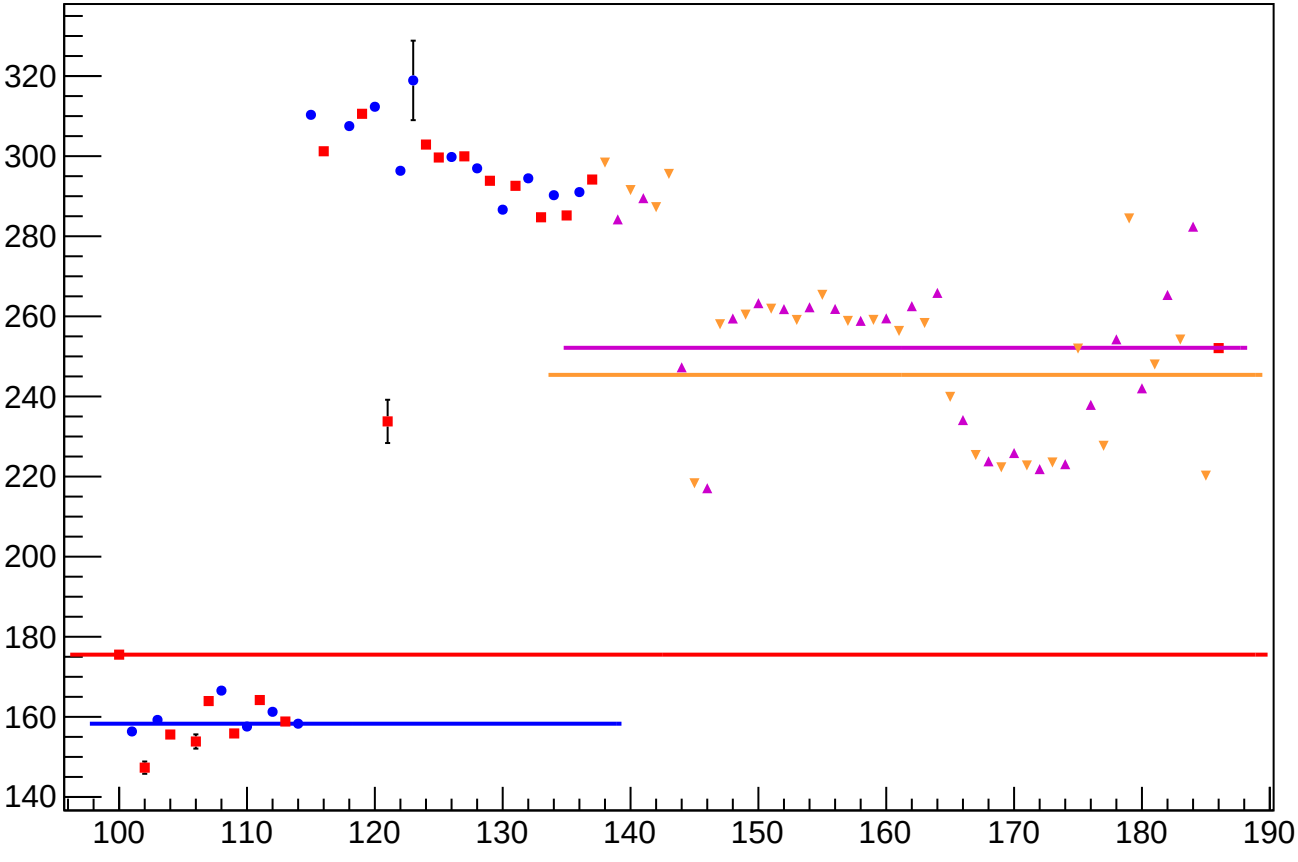
Right: 4.057+/-0.000 χ^2/NDF: 2412395.4/36

In: 4.057+/-0.000 χ^2/NDF:6647641.5/39

Out: -17.097+/-0.009 χ^2/NDF:360379.0/44

All: 4.057+/-0.000 χ^2/NDF: 12116558.7/84

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 245.391+/-0.027 χ^2/NDF:723564.6/24

Right Out: 175.536+/-0.000 χ^2/NDF: 2104672.2/19

Left In: 252.148+/-0.028 χ^2/NDF:359416.7/22

Left: 248.650+/-0.020 χ^2/NDF: 1112396.8/47

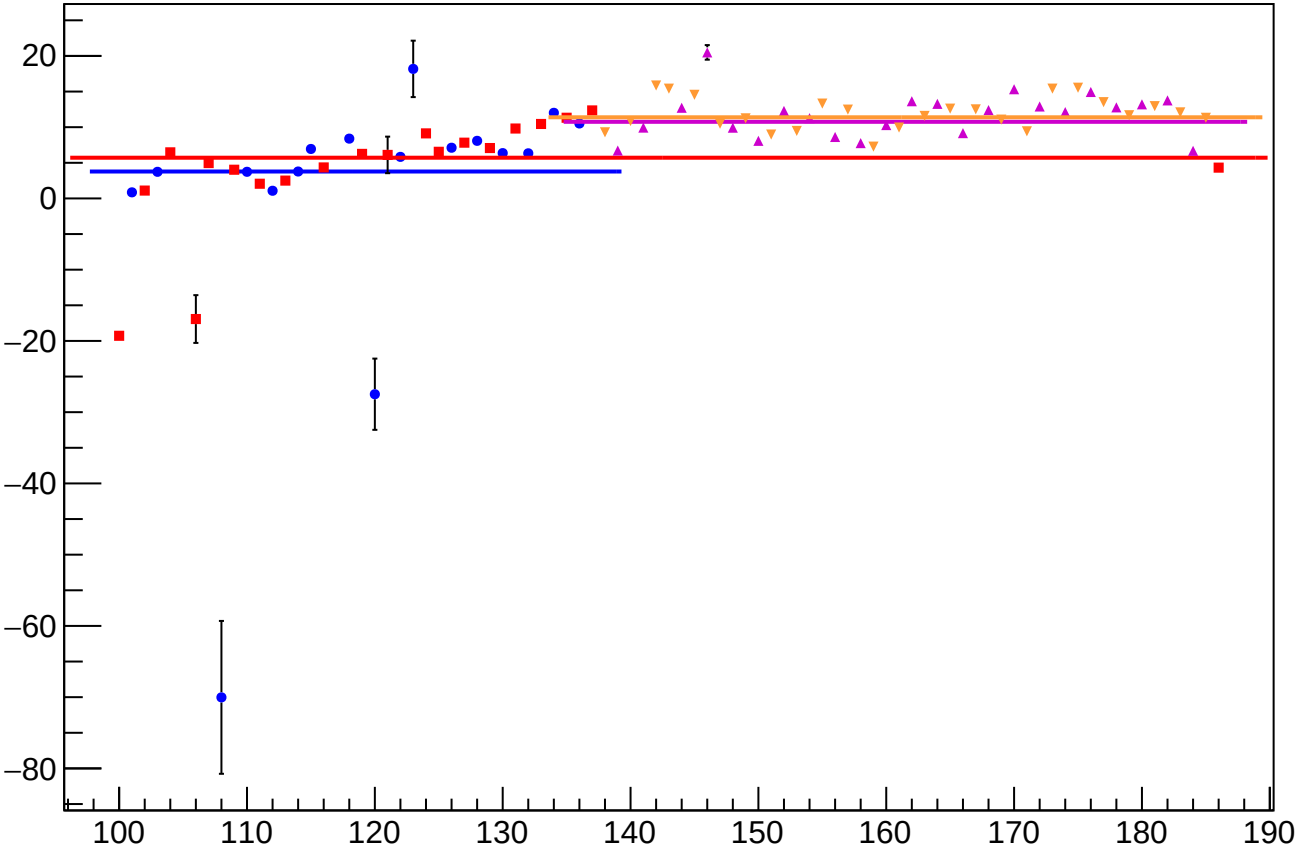
Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:13733965.8/39

Out: 175.536+/-0.000 χ^2/NDF:9344725.1/44

All: 172.618+/-0.000 χ^2/NDF: 37372749122

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 11.389+/-0.030 χ^2/NDF:4296.1/24

Right Out: 5.715+/-0.025 χ^2/NDF: 22380.4/19

Left In: 10.753+/-0.028 χ^2/NDF:9950.6/22

Left: 11.045+/-0.020 χ^2/NDF: 14487.9/47

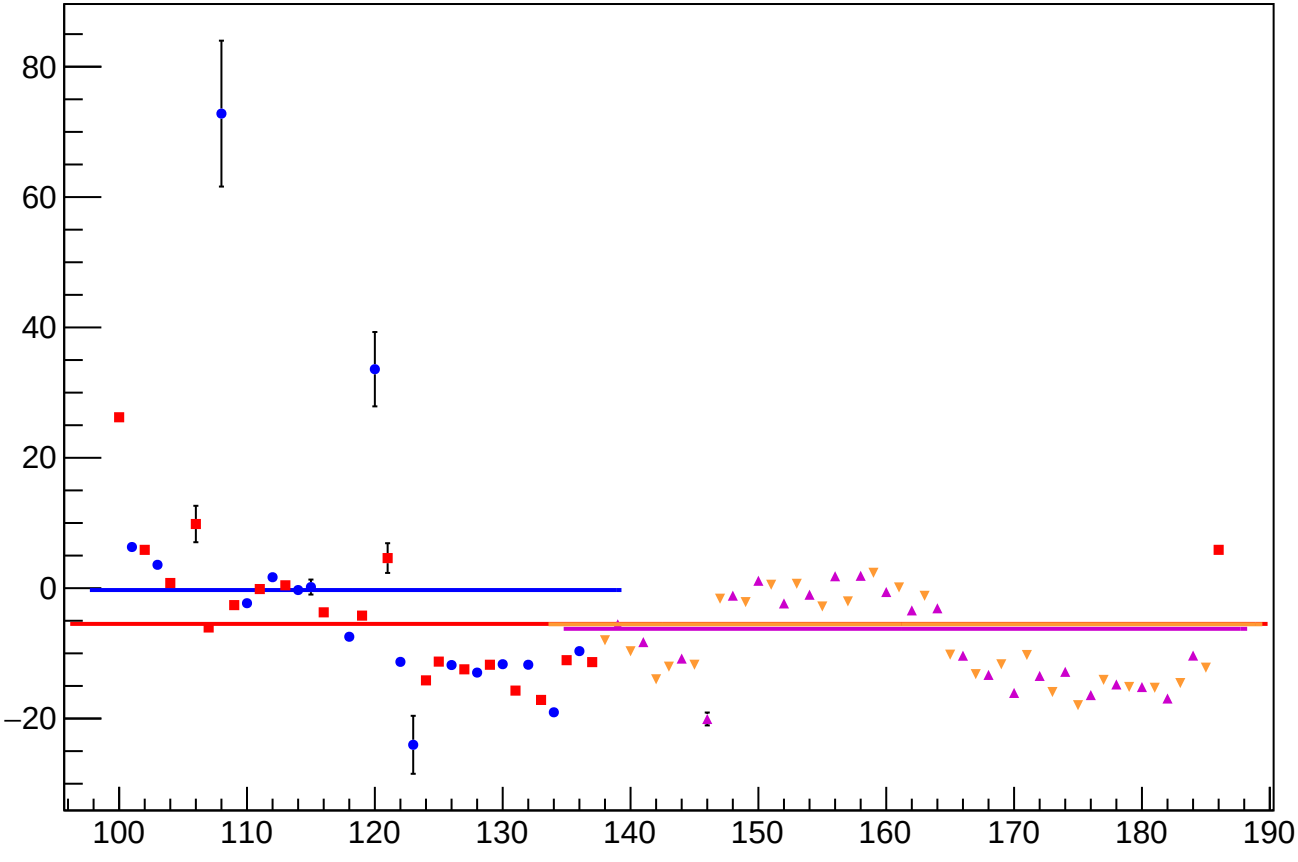
Right: 3.778+/-0.000 χ^2/NDF: 35069.2/36

In: 3.778+/-0.000 χ^2/NDF:80156.3/39

Out: 8.075+/-0.019 χ^2/NDF:47453.8/44

All: 3.778+/-0.000 χ^2/NDF: 176646.4/84

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -5.539+/-0.030 χ^2/NDF:43439.8/24

Right Out: -5.481+/-0.027 χ^2/NDF: 69868.1/19

Left In: -6.234+/-0.028 χ^2/NDF:57358.9/22

Left: -5.909+/-0.021 χ^2/NDF: 101082.7/47

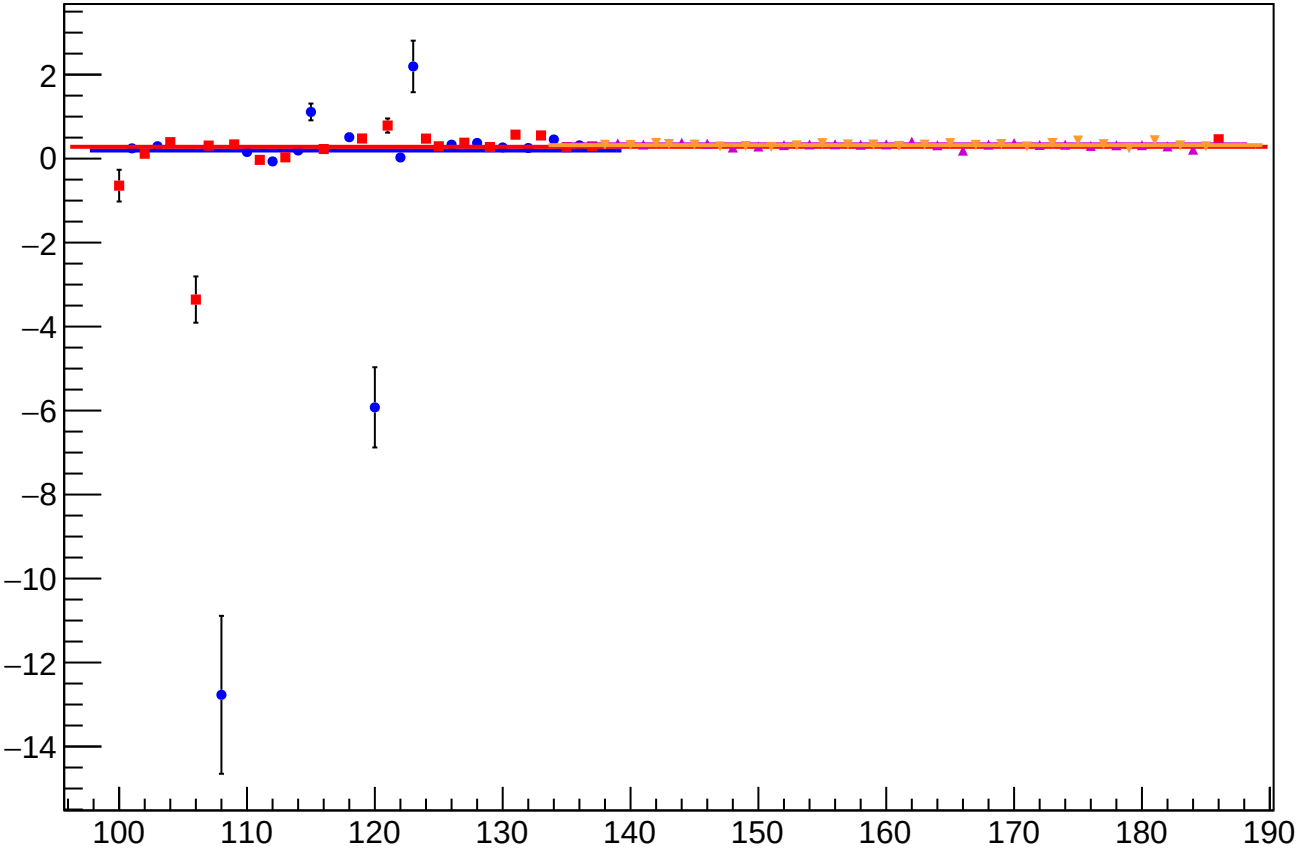
Right: -0.287+/-0.000 χ^2/NDF: 151875.0/36

In: -0.287+/-0.000 χ^2/NDF:145994.3/39

Out: -5.506+/-0.020 χ^2/NDF:113309.9/44

All: -0.287+/-0.000 χ^2/NDF: 327475.1/84

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.320+/-0.001 χ^2/NDF:3374.4/24

Right Out: 0.281+/-0.001 χ^2/NDF: 6132.9/19

Left In: 0.340+/-0.001 χ^2/NDF:4171.9/22

Left: 0.330+/-0.000 χ^2/NDF: 8287.4/47

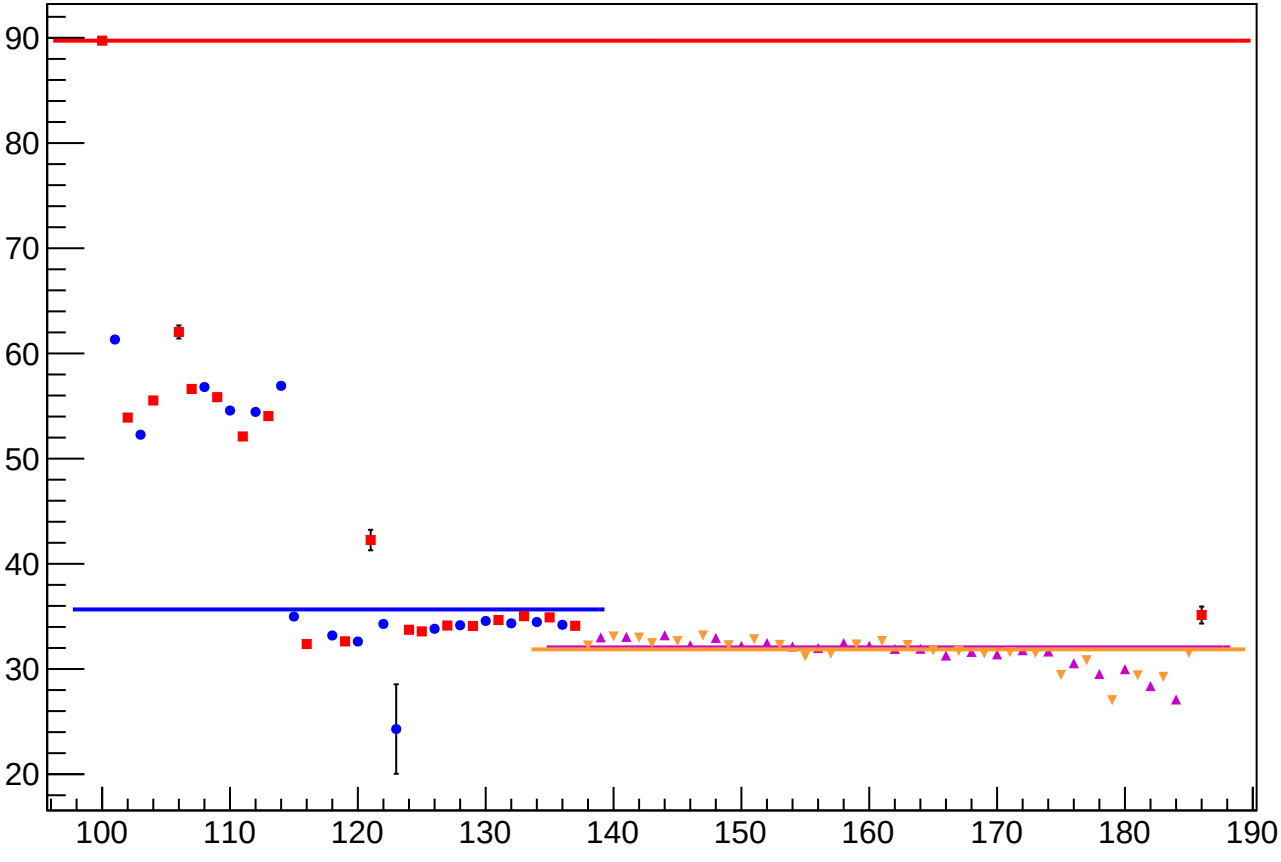
Right: 0.193+/-0.000 χ^2/NDF: 19742.6/36

In: 0.193+/-0.000 χ^2/NDF:90796.6/39

Out: 0.316+/-0.000 χ^2/NDF:10126.0/44

All: 0.193+/-0.000 χ^2/NDF: 167102.8/84

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 31.869+/-0.003 χ^2/NDF:61955.3/24

Right Out: 89.735+/-0.000 χ^2/NDF: 25806152.7/19

Left In: 32.053+/-0.003 χ^2/NDF:32470.5/22

Left: 31.953+/-0.002 χ^2/NDF: 96020.3/47

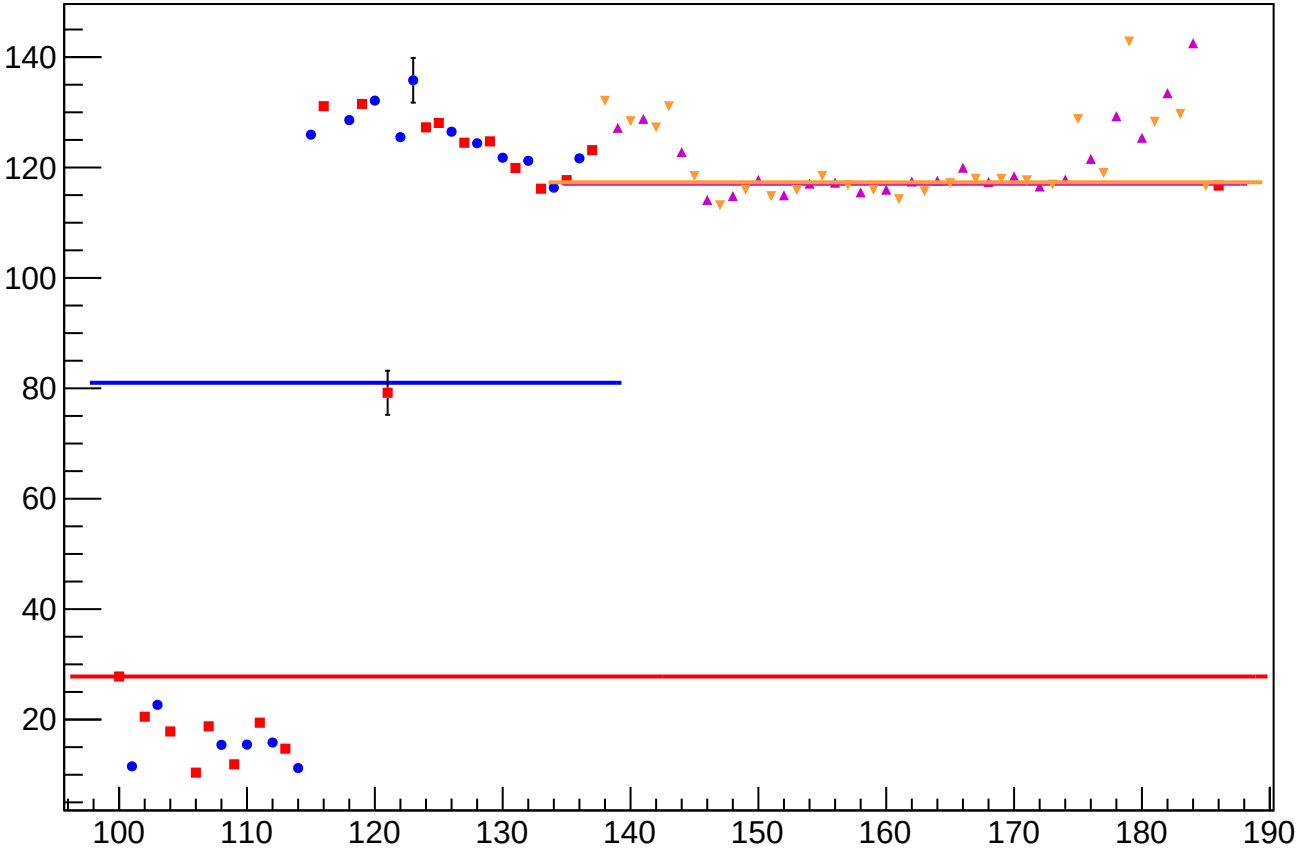
Right: 89.735+/-0.000 χ^2/NDF: 48654615.8/36

In: 32.352+/-0.003 χ^2/NDF:343684.5/39

Out: 89.735+/-0.000 χ^2/NDF:370768460.5/44

All: 89.735+/-0.000 χ^2/NDF: 678930075.8/84

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.323+/-0.008 χ^2/NDF:172684.3/24

Right Out: 27.798+/-0.000 χ^2/NDF: 9193936.8/19

Left In: 117.061+/-0.009 χ^2/NDF:62905.3/22

Left: 117.207+/-0.006 χ^2/NDF: 236083.4/47

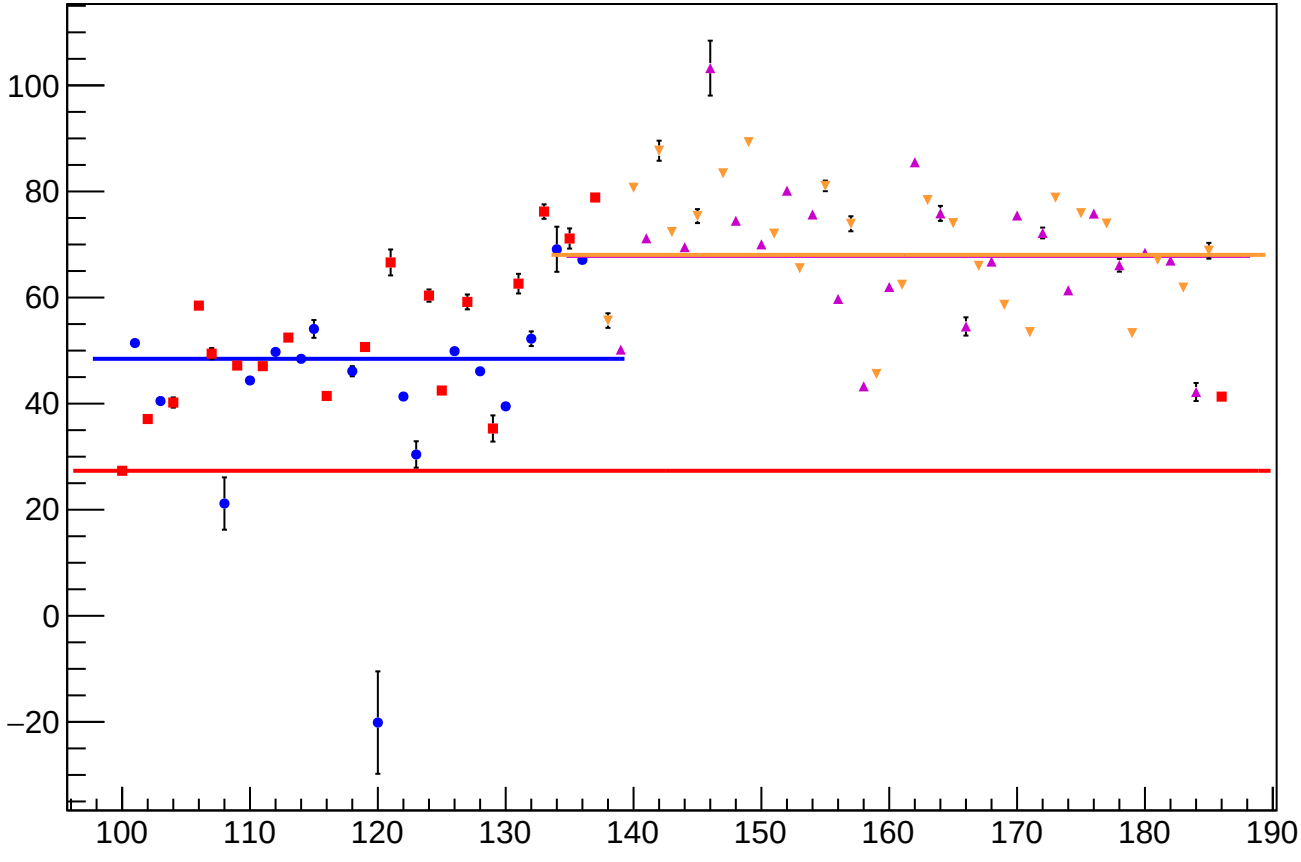
Right: 27.798+/-0.000 χ^2/NDF: 13796958.0/36

In: 114.857+/-0.009 χ^2/NDF:3315365.2/39

Out: 27.798+/-0.000 χ^2/NDF:139618809.5/44

All: 27.798+/-0.000 χ^2/NDF: 246929631.0/84

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 68.044+/-0.132 χ^2/NDF:6670.6/24

Right Out: 27.342+/-0.000 χ^2/NDF: 26158.9/19

Left In: 67.852+/-0.126 χ^2/NDF:5519.9/22

Left: 67.943+/-0.091 χ^2/NDF: 12191.7/47

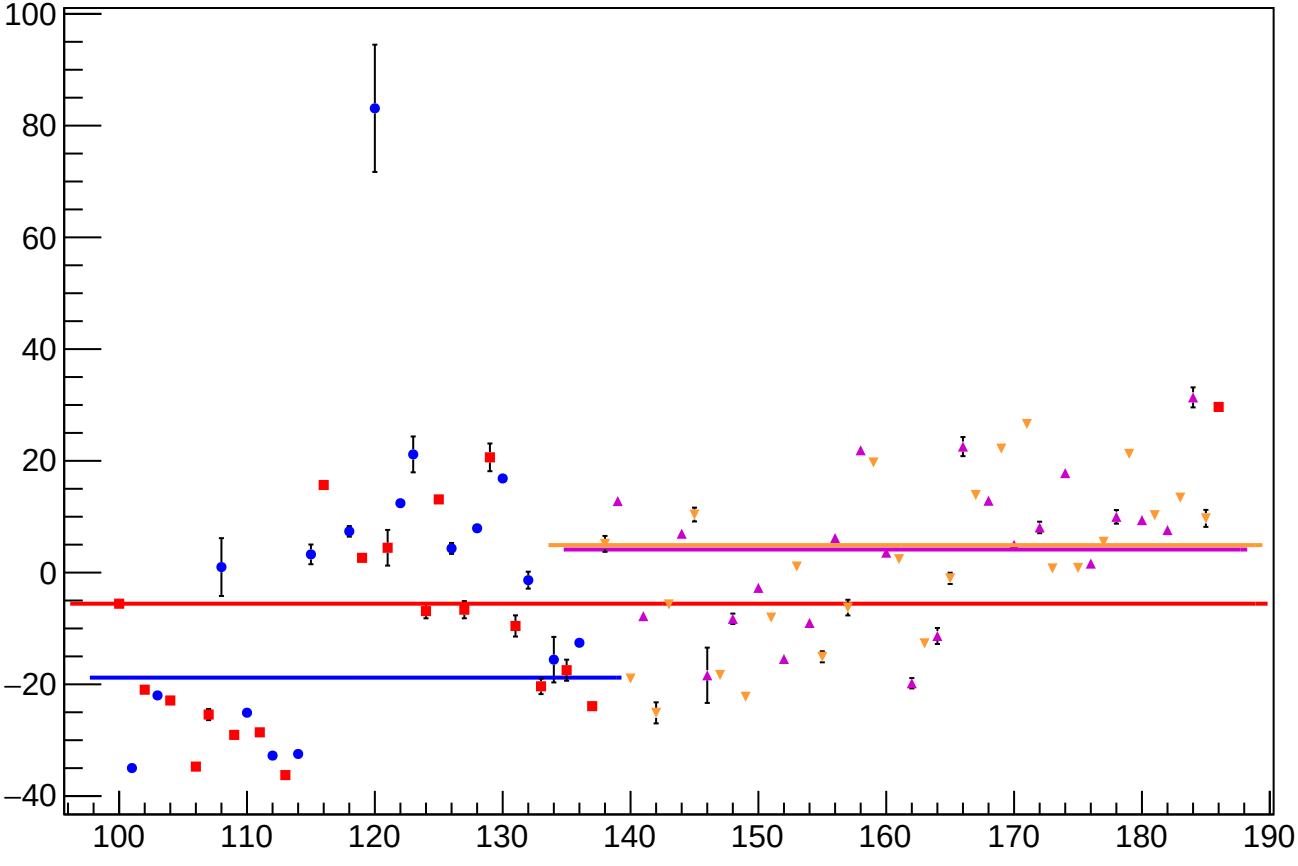
Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:32126.8/39

Out: 27.342+/-0.000 χ^2/NDF:127547.4/44

All: 28.365+/-0.000 χ^2/NDF: 1026290104888

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: 4.920+/-0.132 χ^2/NDF:10378.5/24

Right Out: -5.568+/-0.000 χ^2/NDF: 25606.3/19

Left In: 4.129+/-0.127 χ^2/NDF:6161.4/22

Left: 4.508+/-0.092 χ^2/NDF: 16558.6/47

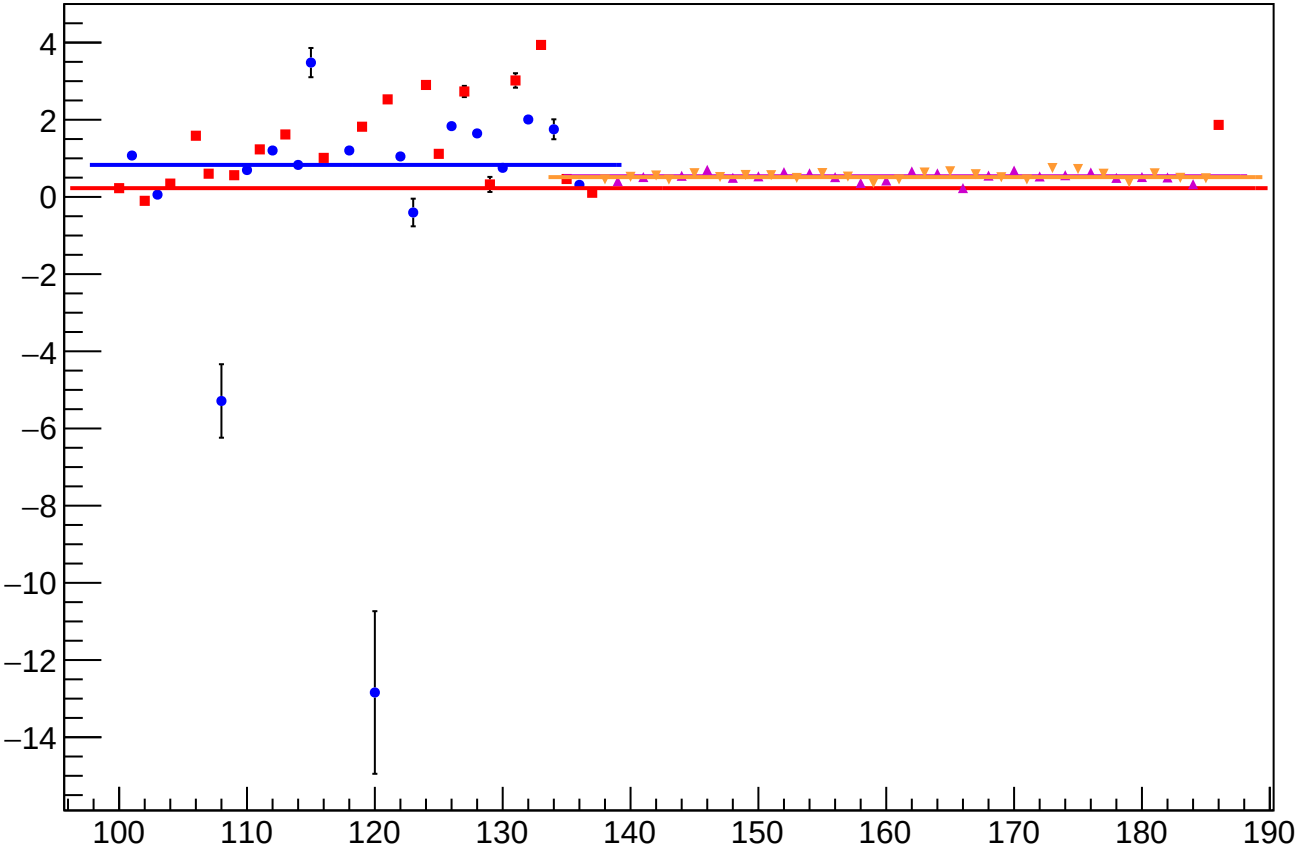
Right: -5.568+/-0.000 χ^2/NDF: 45317.5/36

In: -5.554+/-0.096 χ^2/NDF:31709.8/39

Out: -5.568+/-0.000 χ^2/NDF:42277.7/44

All: -5.568+/-0.000 χ^2/NDF: 73987.4/84

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.513+/-0.001 χ^2/NDF:15206.1/24

Right Out: 0.227+/-0.000 χ^2/NDF: 12143.0/19

Left In: 0.536+/-0.001 χ^2/NDF:11764.8/22

Left: 0.526+/-0.001 χ^2/NDF: 27282.9/47

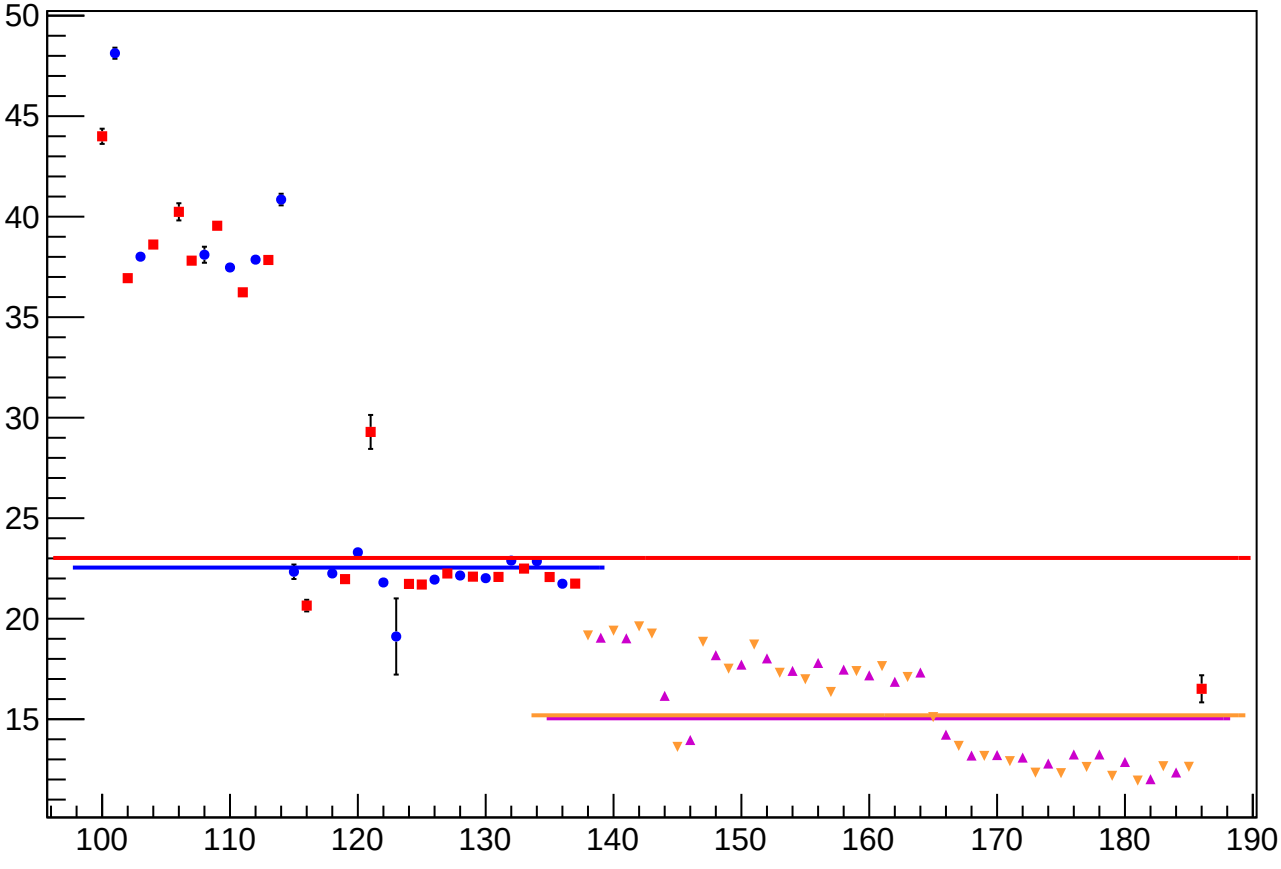
Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:141887.0/39

Out: 0.227+/-0.000 χ^2/NDF:115618.0/44

All: 0.289+/-0.000 χ^2/NDF: 29066082561457

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 15.194+/-0.004 χ^2/NDF:417095.1/24

Right Out: 23.021+/-0.009 χ^2/NDF: 165931.2/19

Left In: 15.044+/-0.005 χ^2/NDF:285851.6/22

Left: 15.125+/-0.003 χ^2/NDF: 703514.0/47

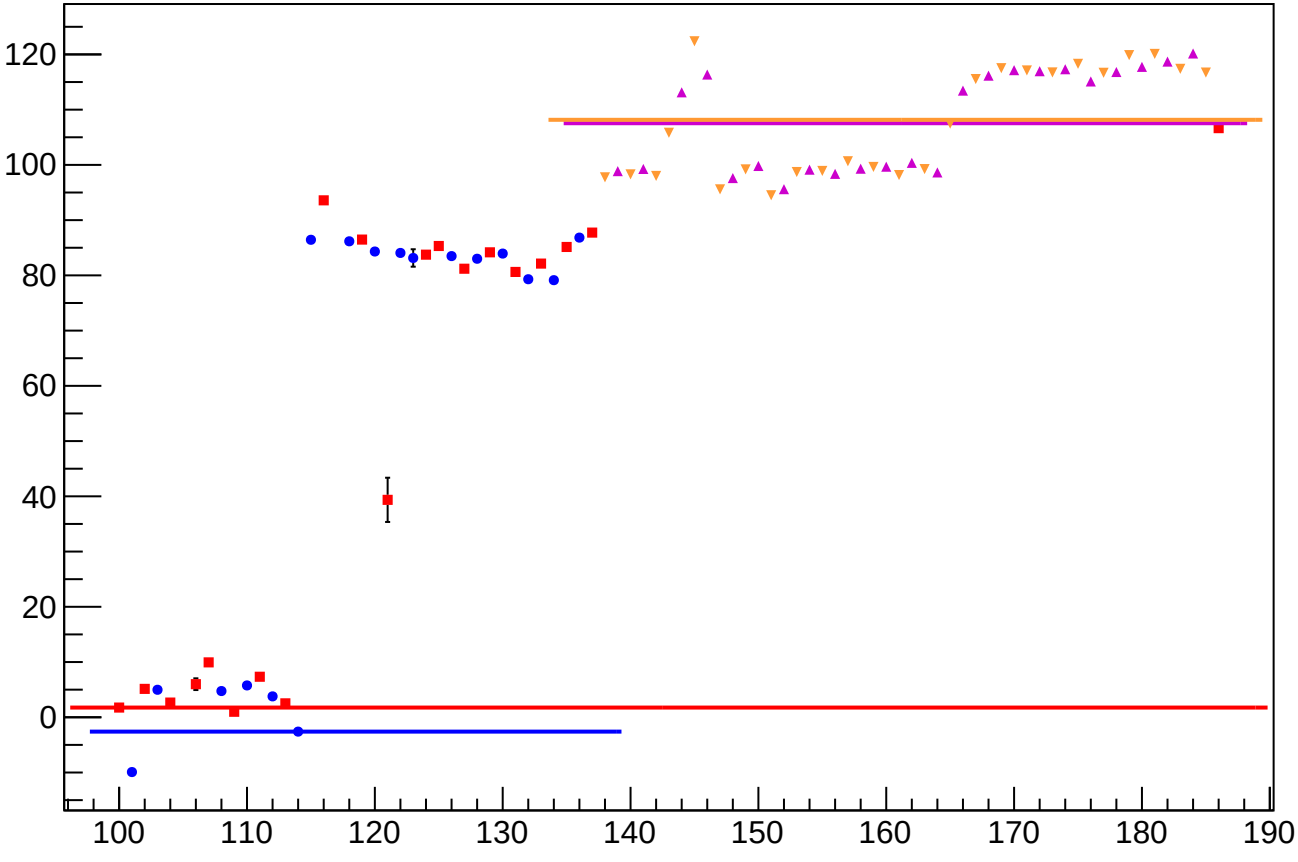
Right: 22.789+/-0.006 χ^2/NDF: 272741.8/36

In: 16.526+/-0.004 χ^2/NDF:911903.8/39

Out: 16.619+/-0.004 χ^2/NDF:1195559.9/44

All: 16.576+/-0.003 χ^2/NDF: 2107738.9/84

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 108.162+/-0.009 χ^2/NDF:1076822.4/24

Right Out: 1.758+/-0.000 χ^2/NDF: 4249756.0/19

Left In: 107.543+/-0.009 χ^2/NDF:988940.0/22

Left: 107.853+/-0.007 χ^2/NDF: 2067974.4/47

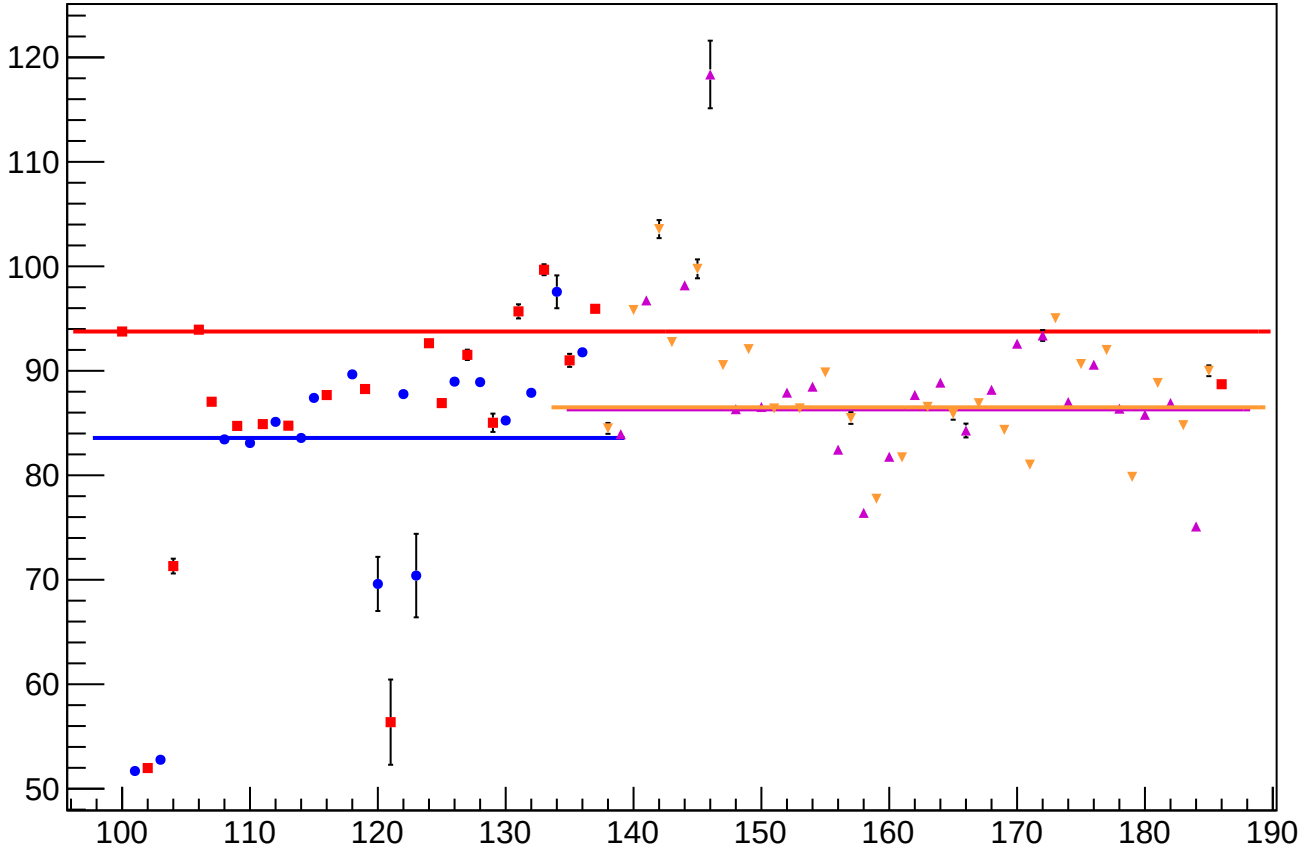
Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:147951178.7/39

Out: 1.758+/-0.000 χ^2/NDF:136115319.7/44

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 86.505+/-0.060 χ^2/NDF:8553.0/24

Right Out: 93.762+/-0.000 χ^2/NDF: 82989.0/19

Left In: 86.310+/-0.051 χ^2/NDF:8666.5/22

Left: 86.393+/-0.039 χ^2/NDF: 17225.5/47

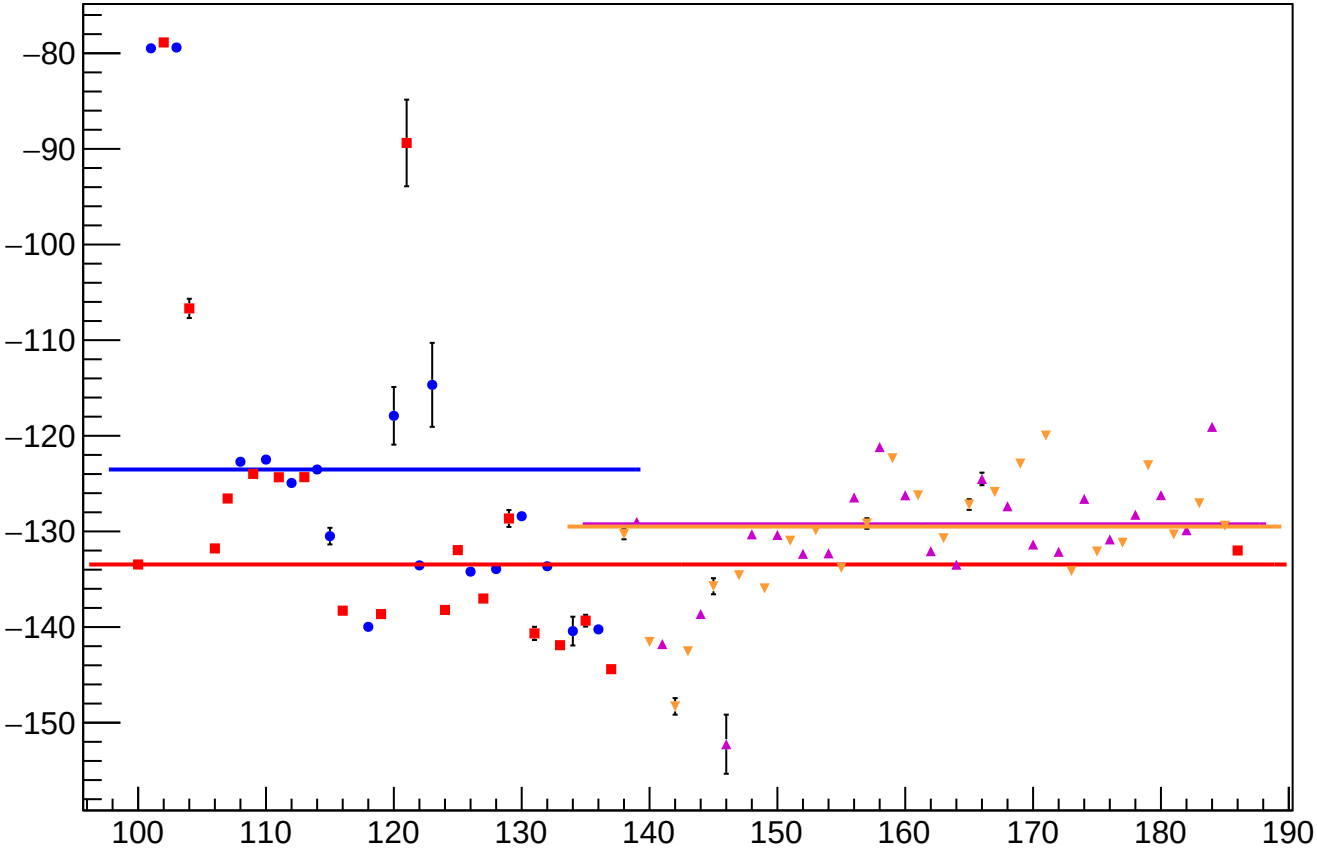
Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:60966.6/39

Out: 93.762+/-0.000 χ^2/NDF:106211.5/44

All: 87.169+/-0.000 χ^2/NDF: 1995684404141

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -129.492+/-0.059 χ^2/NDF:10775.3/24

Right Out: -133.456+/-0.000 χ^2/NDF: 394913.4/19

Left In: -129.256+/-0.052 χ^2/NDF:6558.2/22

Left: -129.358+/-0.039 χ^2/NDF: 17342.6/47

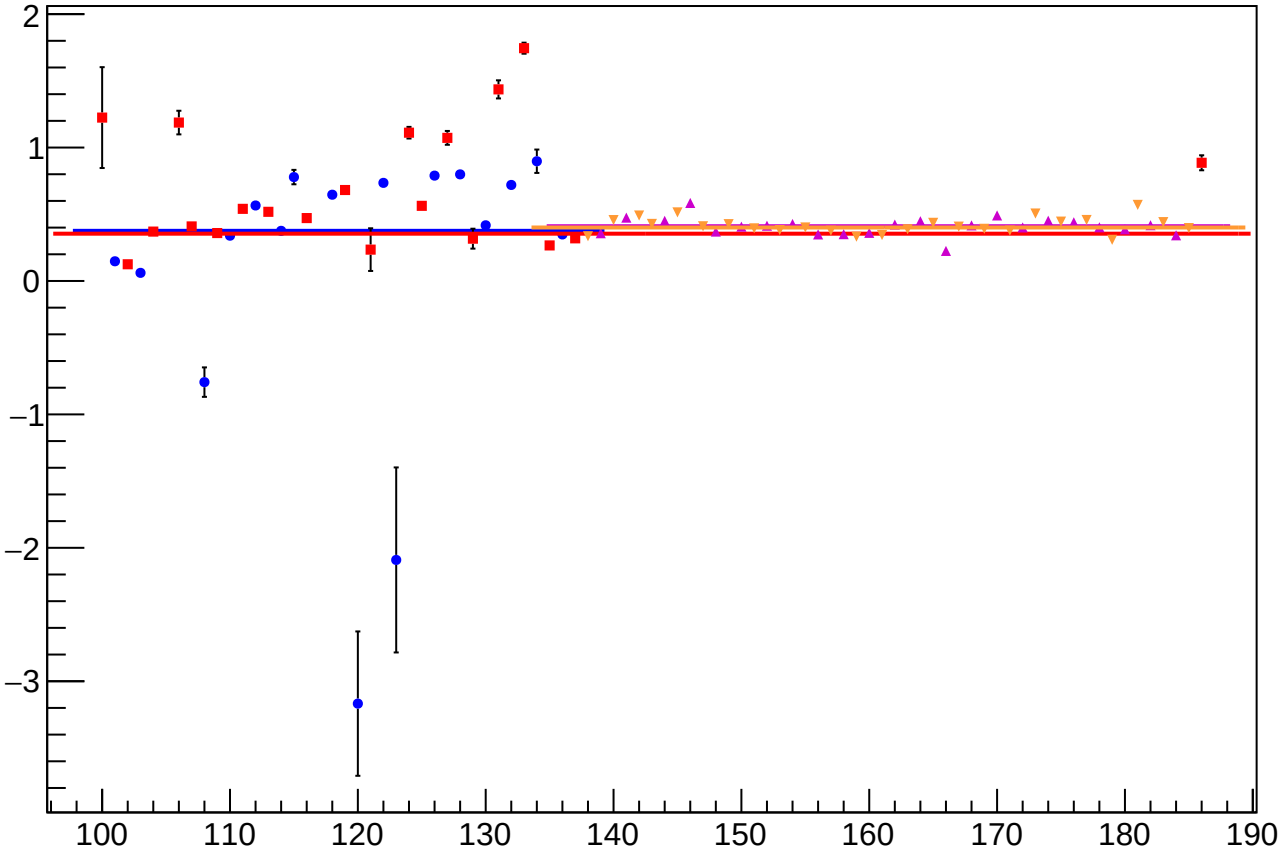
Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:179277.5/39

Out: -133.456+/-0.000 χ^2/NDF:410170.3/44

All: -124.716+/-0.000 χ^2/NDF: 64467869901

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.401+/-0.000 χ^2/NDF:9030.9/24

Right Out: 0.354+/-0.002 χ^2/NDF: 4682.1/19

Left In: 0.410+/-0.000 χ^2/NDF:8478.2/22

Left: 0.406+/-0.000 χ^2/NDF: 17715.3/47

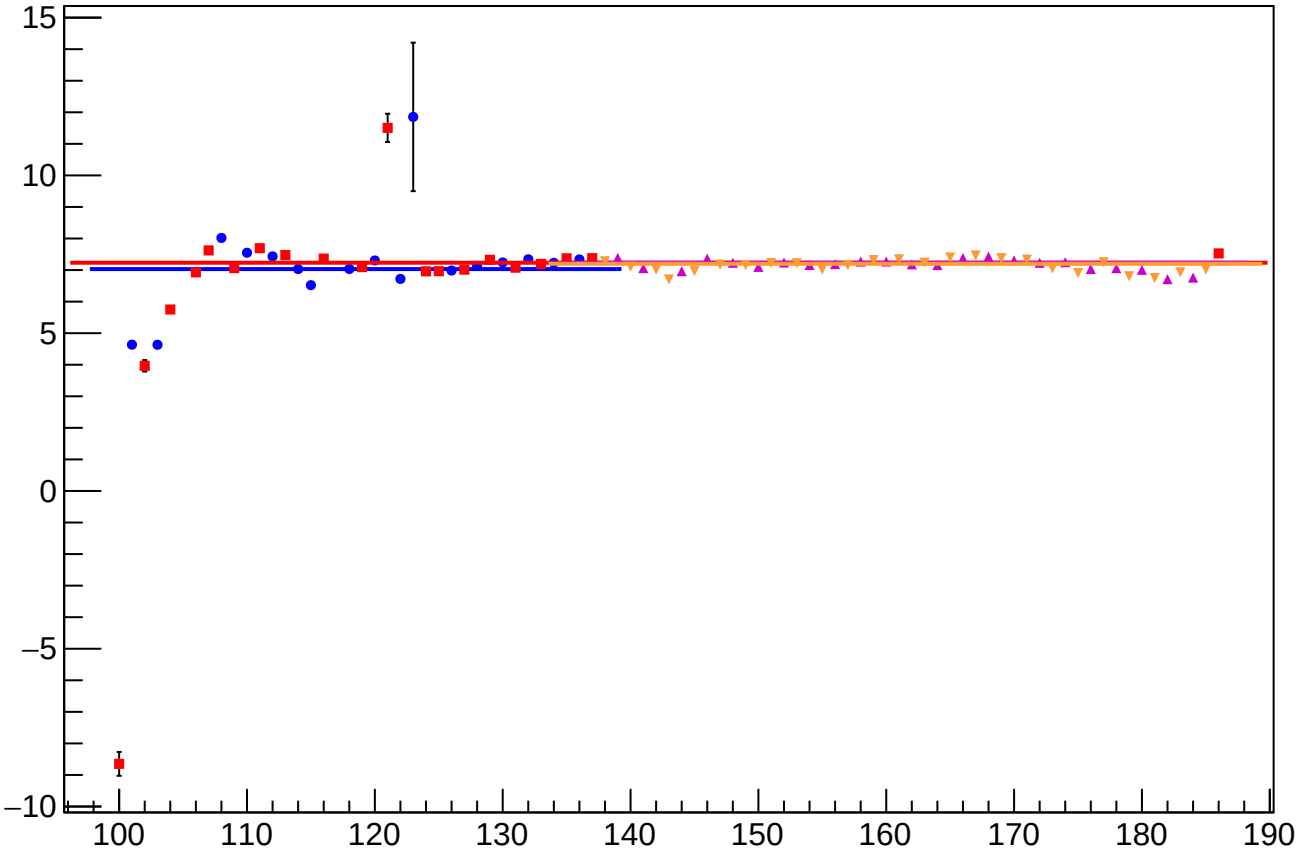
Right: 0.376+/-0.000 χ^2/NDF: 8844.5/36

In: 0.376+/-0.000 χ^2/NDF:18332.7/39

Out: 0.396+/-0.000 χ^2/NDF:14565.2/44

All: 0.376+/-0.000 χ^2/NDF: 34756.0/84

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.199+/-0.001 χ^2/NDF:37453.7/24

Right Out: 7.233+/-0.002 χ^2/NDF: 10072.0/19

Left In: 7.233+/-0.001 χ^2/NDF:23085.0/22

Left: 7.217+/-0.001 χ^2/NDF: 61326.3/47

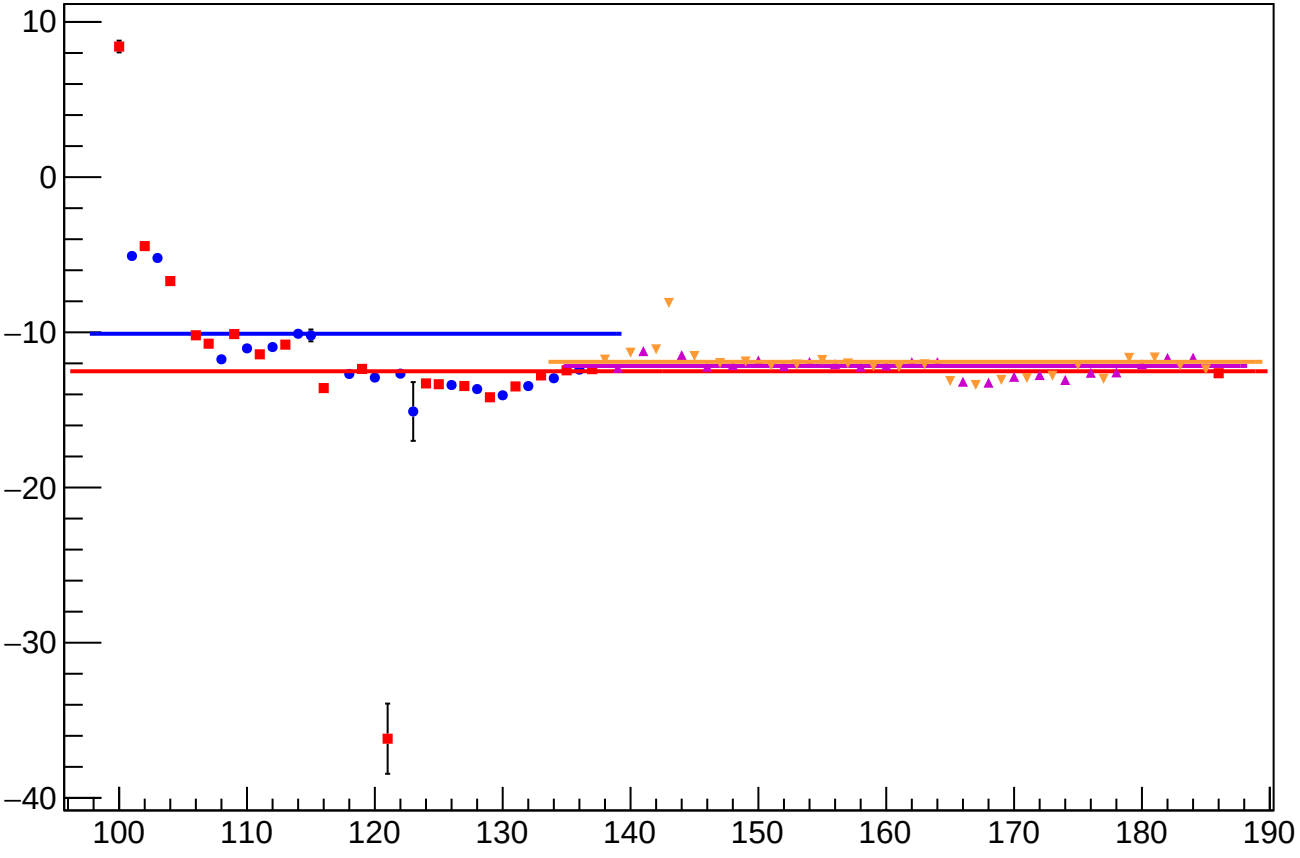
Right: 7.032+/-0.000 χ^2/NDF: 37019.6/36

In: 7.032+/-0.000 χ^2/NDF:101616.3/39

Out: 7.203+/-0.001 χ^2/NDF:47710.2/44

All: 7.032+/-0.000 χ^2/NDF: 190670.6/84

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.899+/-0.002 χ^2/NDF:498866.6/24

Right Out: -12.509+/-0.004 χ^2/NDF: 103511.3/19

Left In: -12.169+/-0.002 χ^2/NDF:49568.3/22

Left: -12.033+/-0.001 χ^2/NDF: 561016.9/47

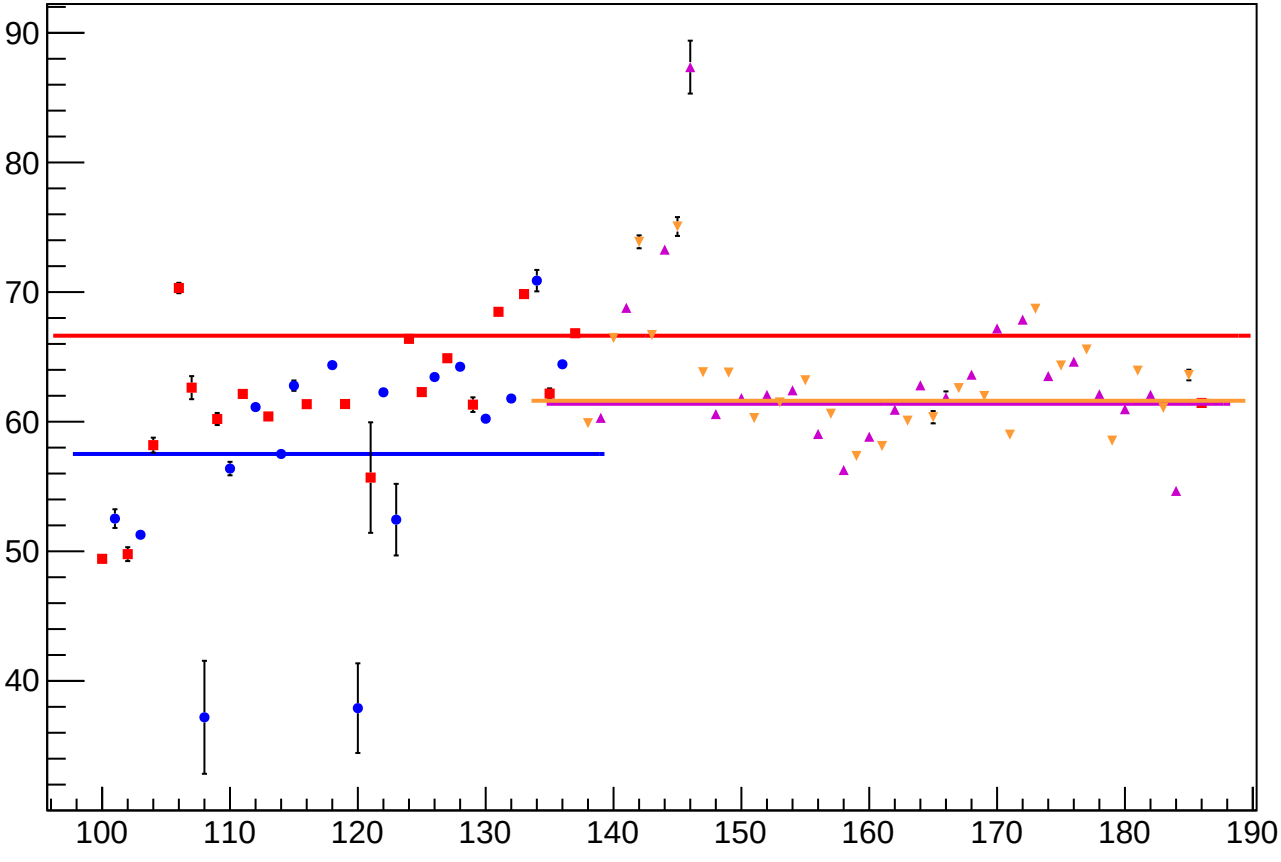
Right: -10.092+/-0.000 χ^2/NDF: 1063000.3/36

In: -10.092+/-0.000 χ^2/NDF:2075919.9/39

Out: -12.003+/-0.002 χ^2/NDF:624352.1/44

All: -10.092+/-0.000 χ^2/NDF: 4237379.6/84

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.615+/-0.039 χ^2/NDF:7756.9/24

Right Out: 66.634+/-0.013 χ^2/NDF: 8484.7/19

Left In: 61.383+/-0.033 χ^2/NDF:8900.0/22

Left: 61.479+/-0.025 χ^2/NDF: 16677.8/47

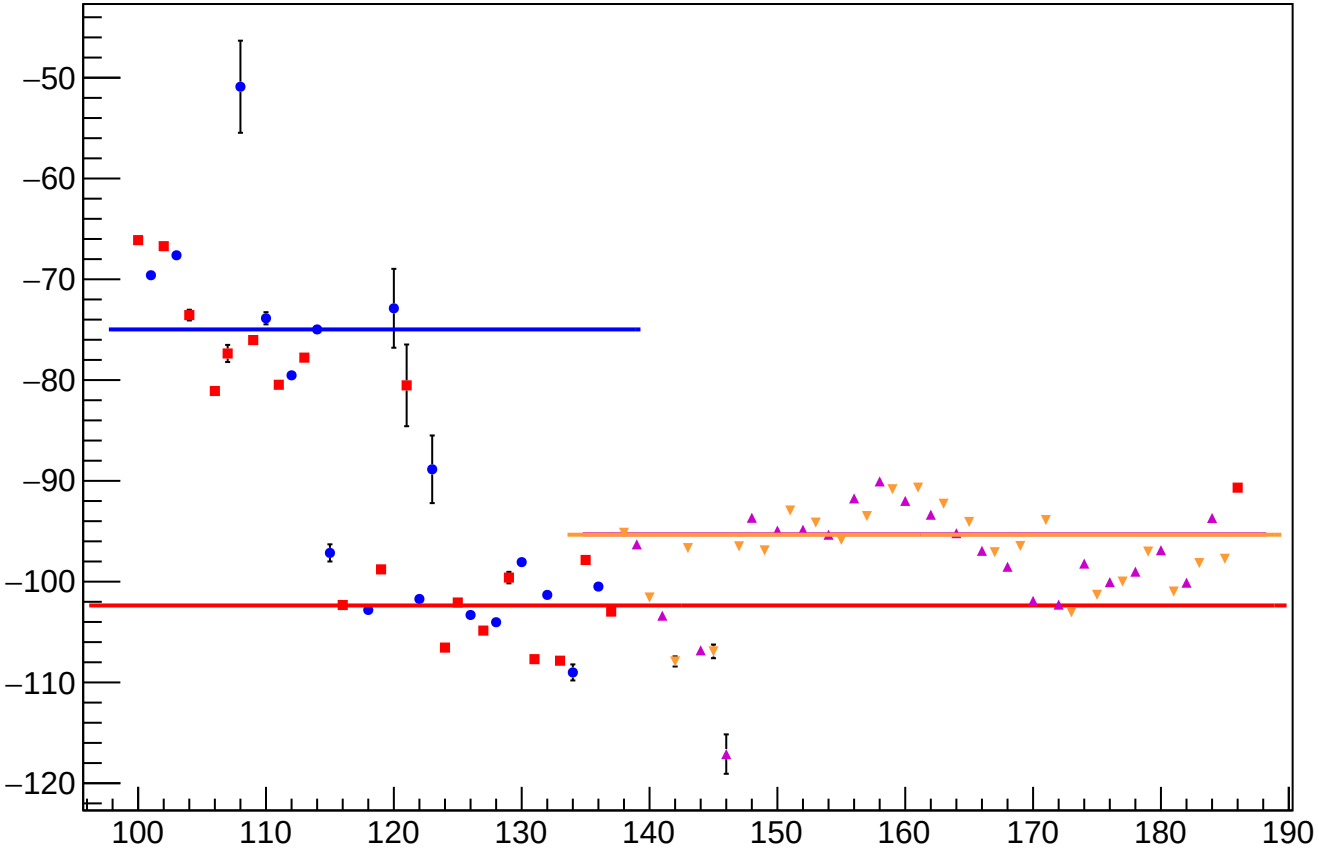
Right: 57.510+/-0.000 χ^2/NDF: 504622.5/36

In: 57.510+/-0.000 χ^2/NDF:31161.3/39

Out: 66.125+/-0.012 χ^2/NDF:31209.6/44

All: 57.510+/-0.000 χ^2/NDF: 546572.9/84

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -95.342+/-0.039 χ^2/NDF:9387.4/24

Right Out: -102.362+/-0.018 χ^2/NDF: 52922.4/19

Left In: -95.301+/-0.033 χ^2/NDF:11271.5/22

Left: -95.319+/-0.025 χ^2/NDF: 20659.5/47

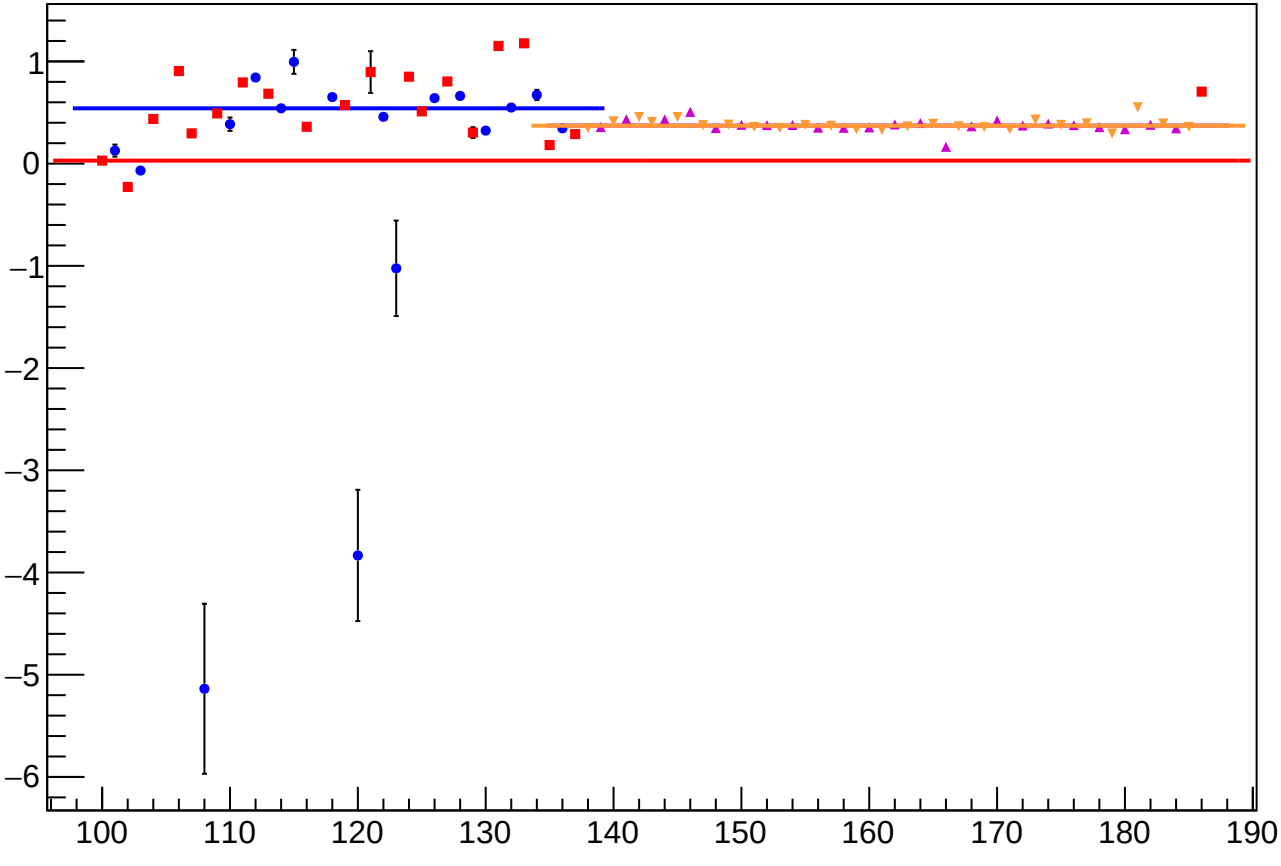
Right: -74.974+/-0.000 χ^2/NDF: 2561088.3/36

In: -74.974+/-0.000 χ^2/NDF:516767.6/39

Out: -101.140+/-0.016 χ^2/NDF:89478.7/44

All: -74.974+/-0.000 χ^2/NDF: 3233660.6/84

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.371+/-0.000 χ^2/NDF:6797.7/24

Right Out: 0.030+/-0.000 χ^2/NDF: 121952.7/19

Left In: 0.372+/-0.000 χ^2/NDF:6020.6/22

Left: 0.372+/-0.000 χ^2/NDF: 12824.6/47

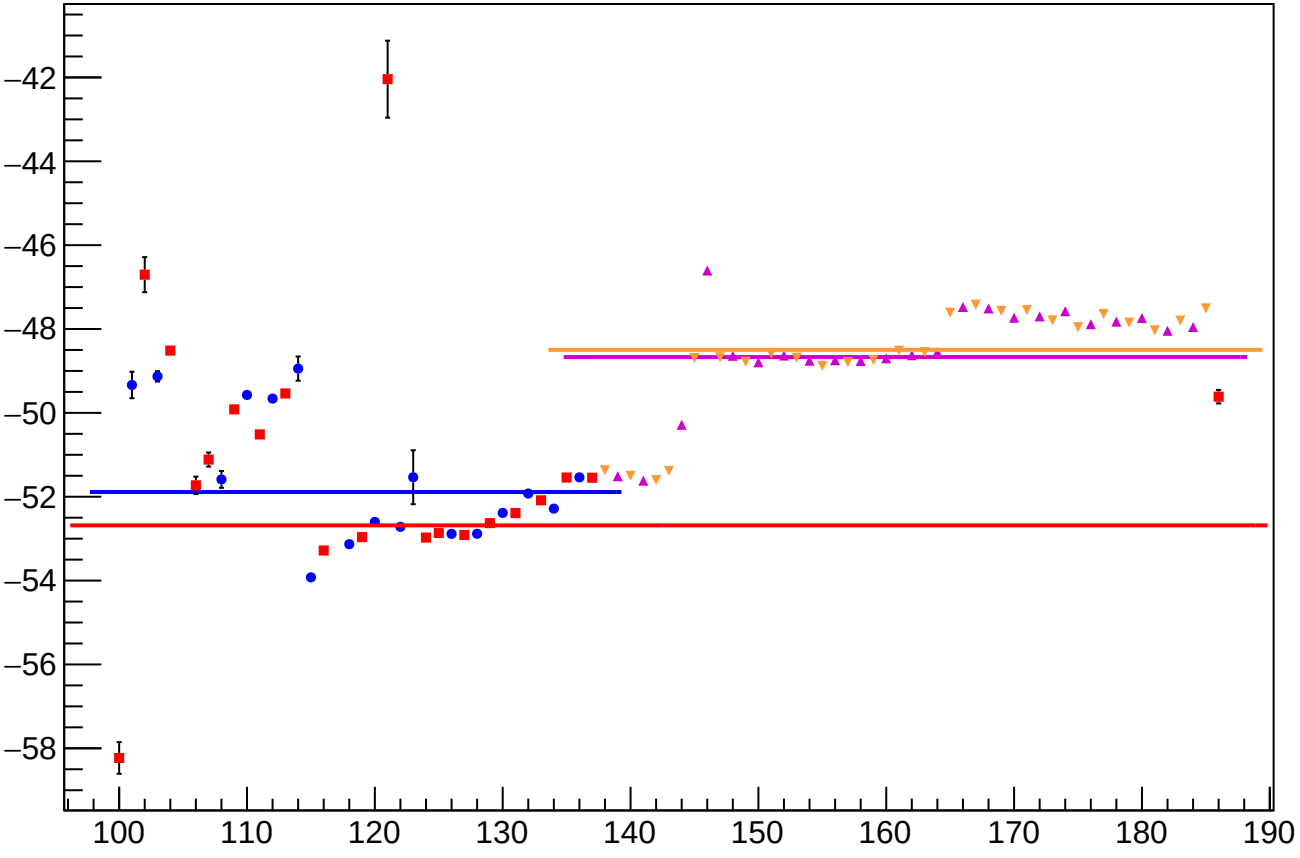
Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:334316.9/39

Out: 0.030+/-0.000 χ^2/NDF:982542.2/44

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -48.497+/-0.001 χ^2/NDF:699790.4/24

Right Out: -52.683+/-0.003 χ^2/NDF: 56487.7/19

Left In: -48.669+/-0.001 χ^2/NDF:809321.2/22

Left: -48.594+/-0.001 χ^2/NDF: 1523797.8/47

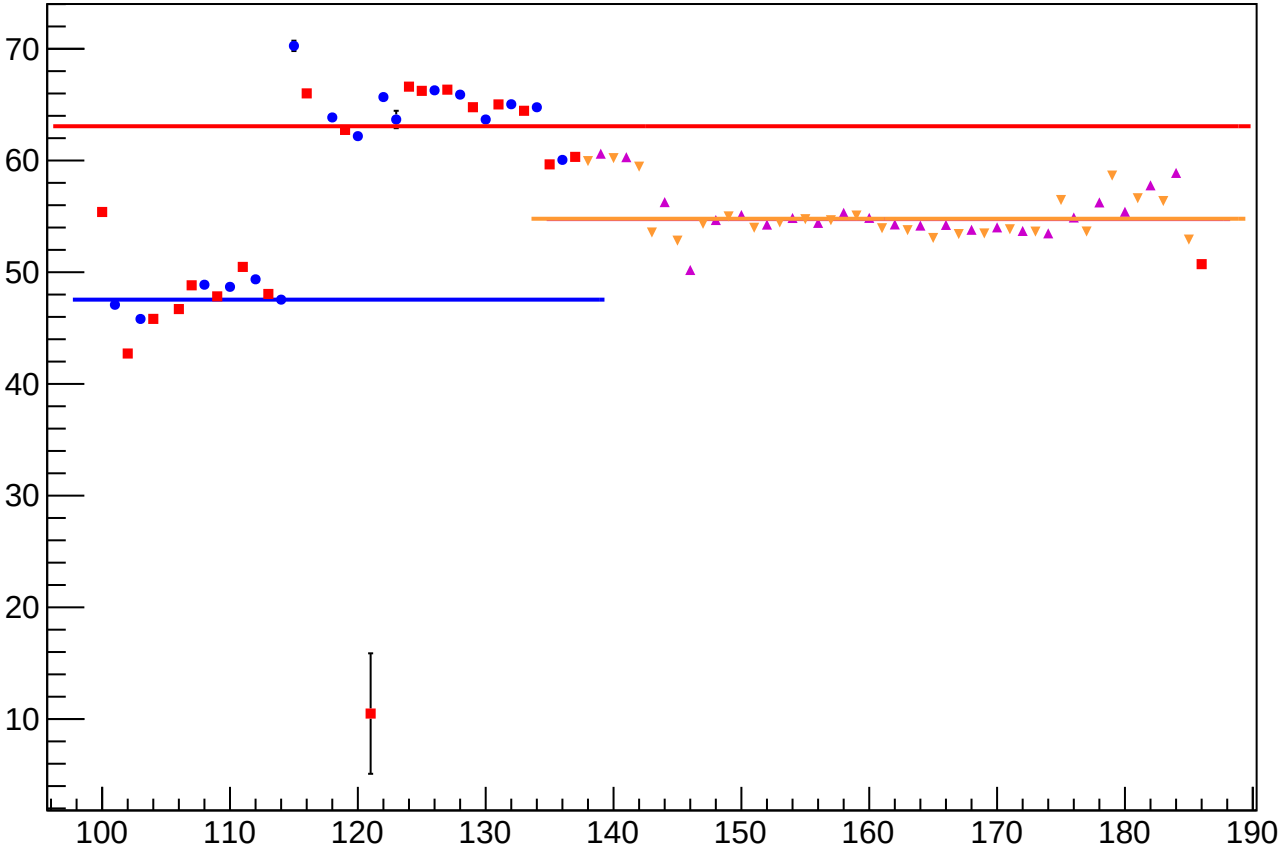
Right: -52.231+/-0.002 χ^2/NDF: 188984.7/36

In: -49.152+/-0.001 χ^2/NDF:2661218.9/39

Out: -49.115+/-0.001 χ^2/NDF:3036554.8/44

All: -49.136+/-0.001 χ^2/NDF: 5698547.9/84

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 54.787+/-0.003 χ^2/NDF:301226.3/24

Right Out: 63.068+/-0.007 χ^2/NDF: 339571.5/19

Left In: 54.755+/-0.003 χ^2/NDF:100763.3/22

Left: 54.769+/-0.002 χ^2/NDF: 402054.6/47

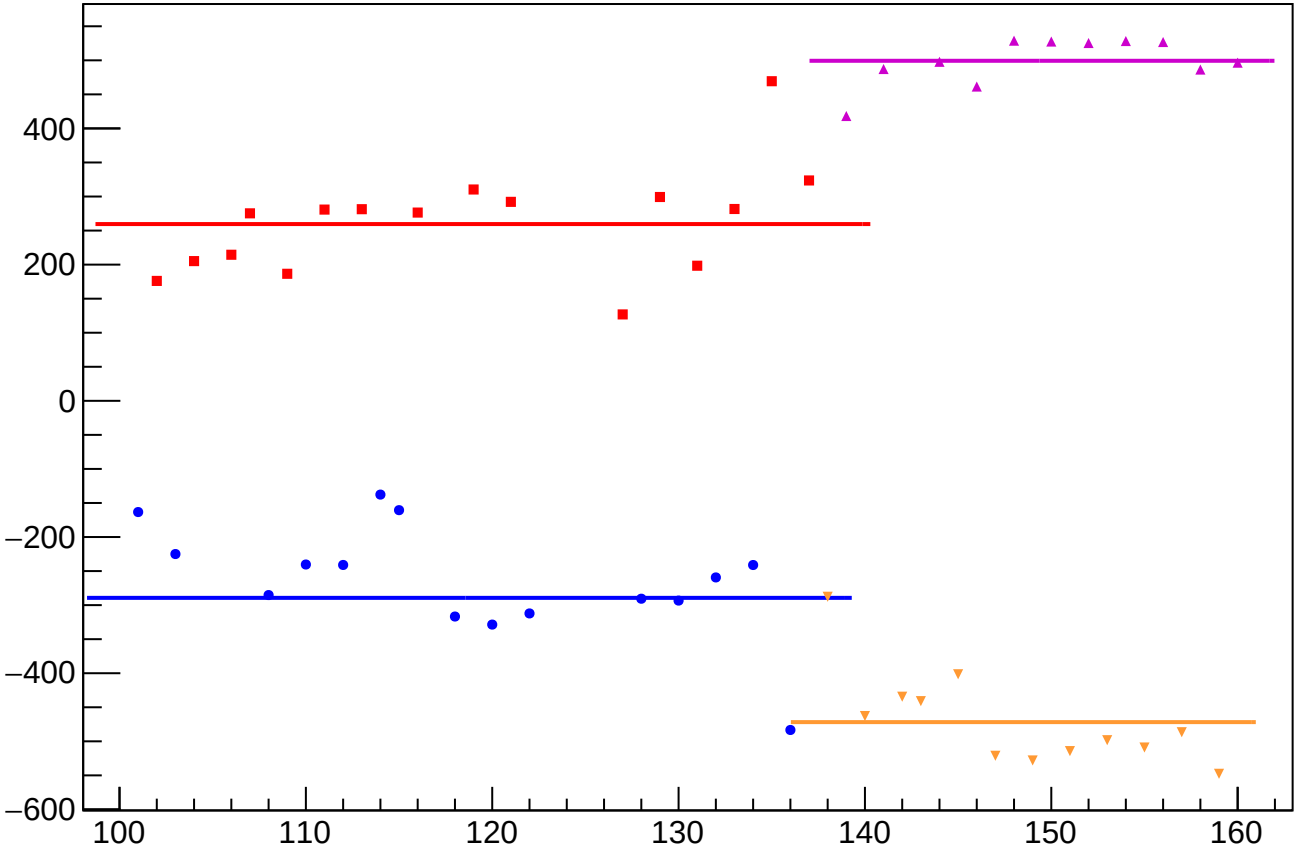
Right: 47.545+/-0.000 χ^2/NDF: 8155420.9/36

In: 47.545+/-0.000 χ^2/NDF:11247259.6/39

Out: 55.902+/-0.003 χ^2/NDF:1705741.7/44

All: 47.545+/-0.000 χ^2/NDF: 22259831.2/84

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

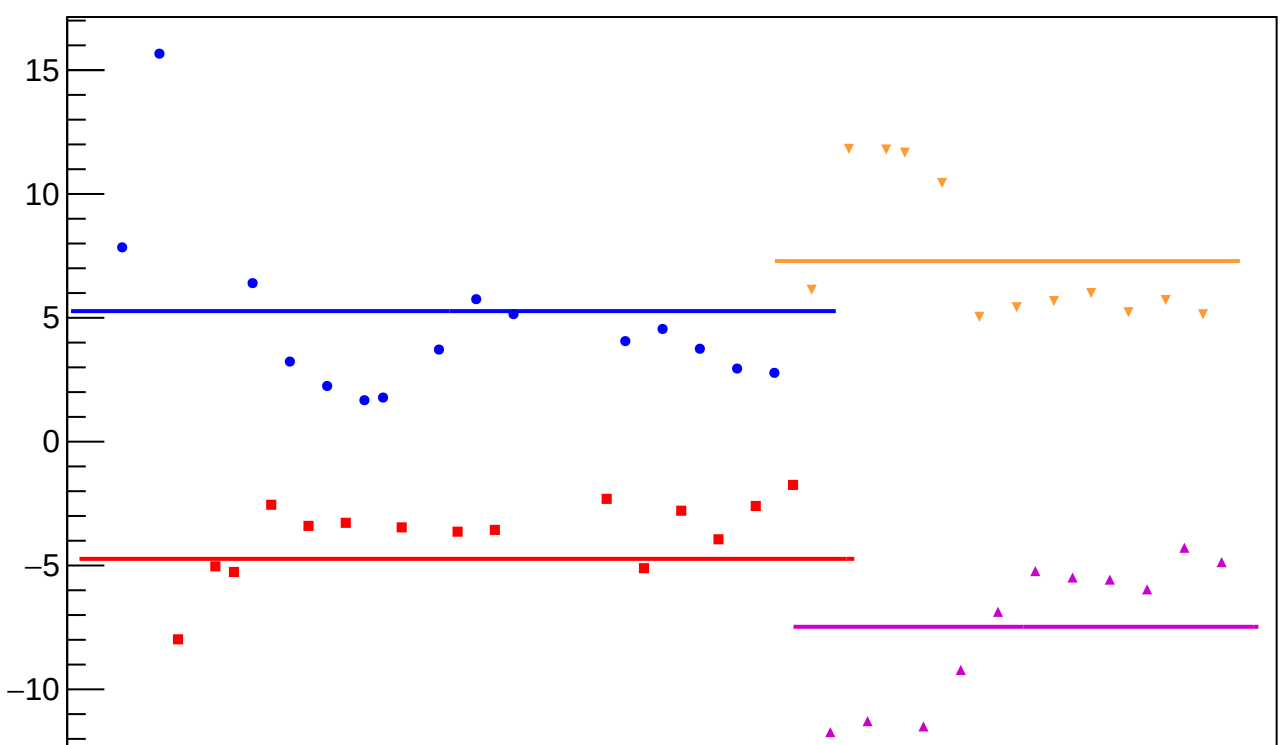
Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

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

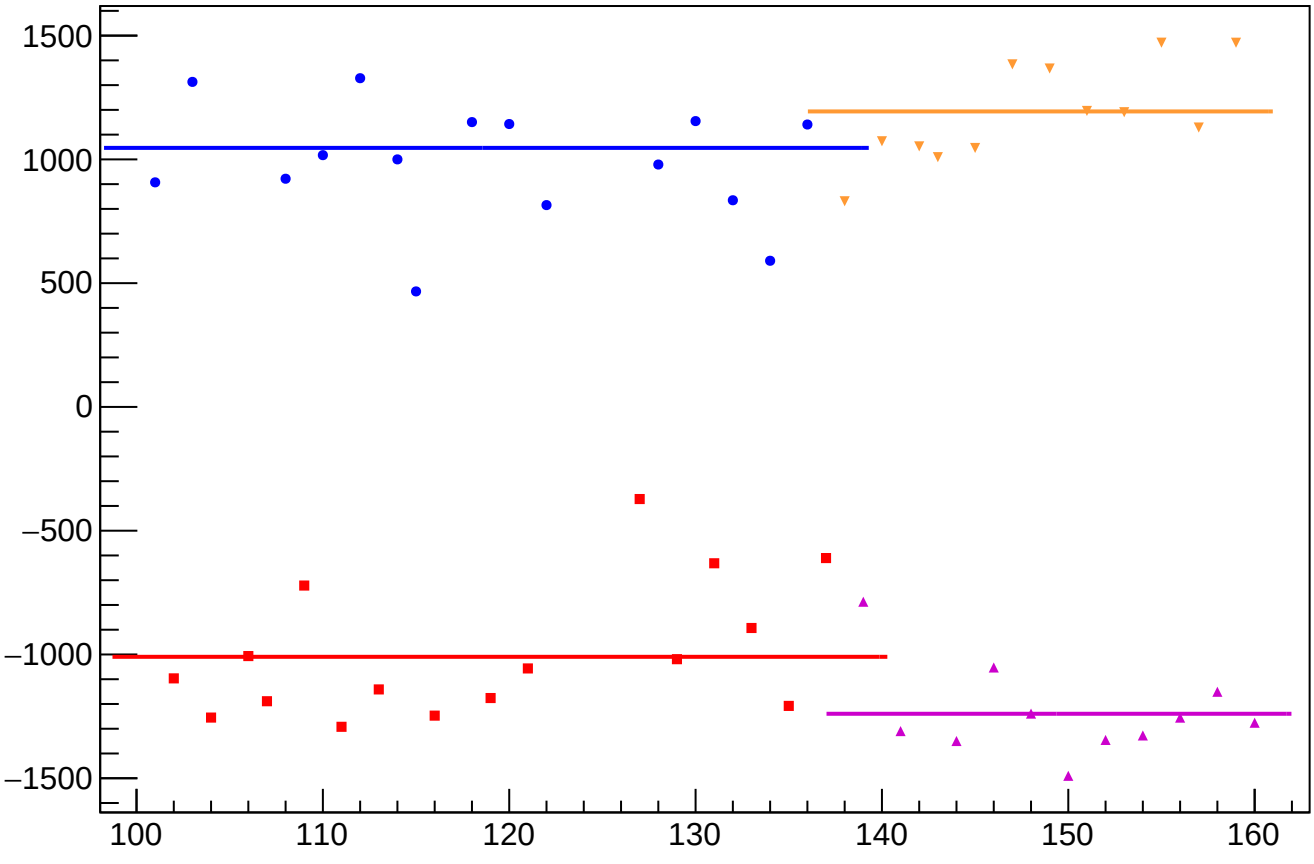
Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Out: 2.219+/-0.000 χ^2/NDF:69311143911144933 8

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

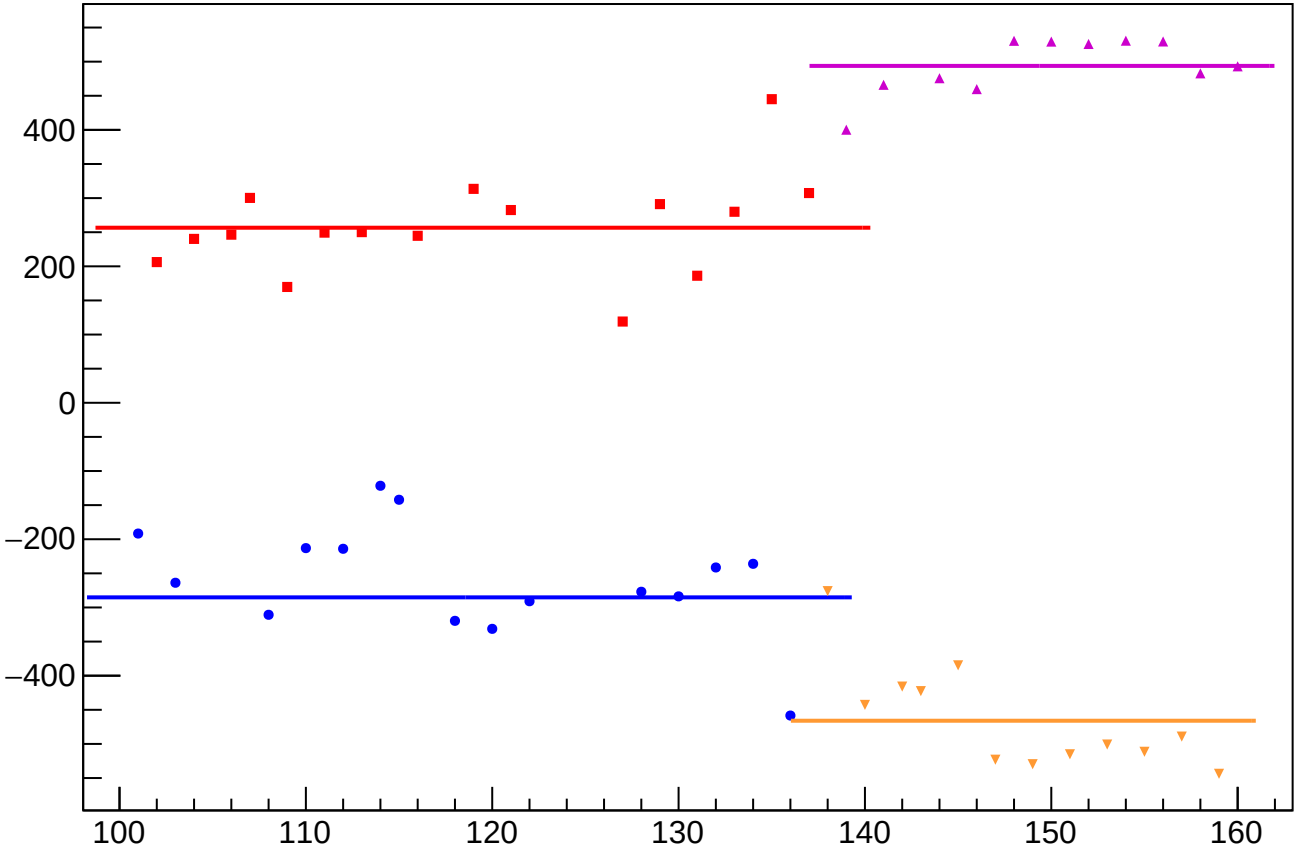
All: 0.007+/-0.000 χ^2/NDF: 16250941727402

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



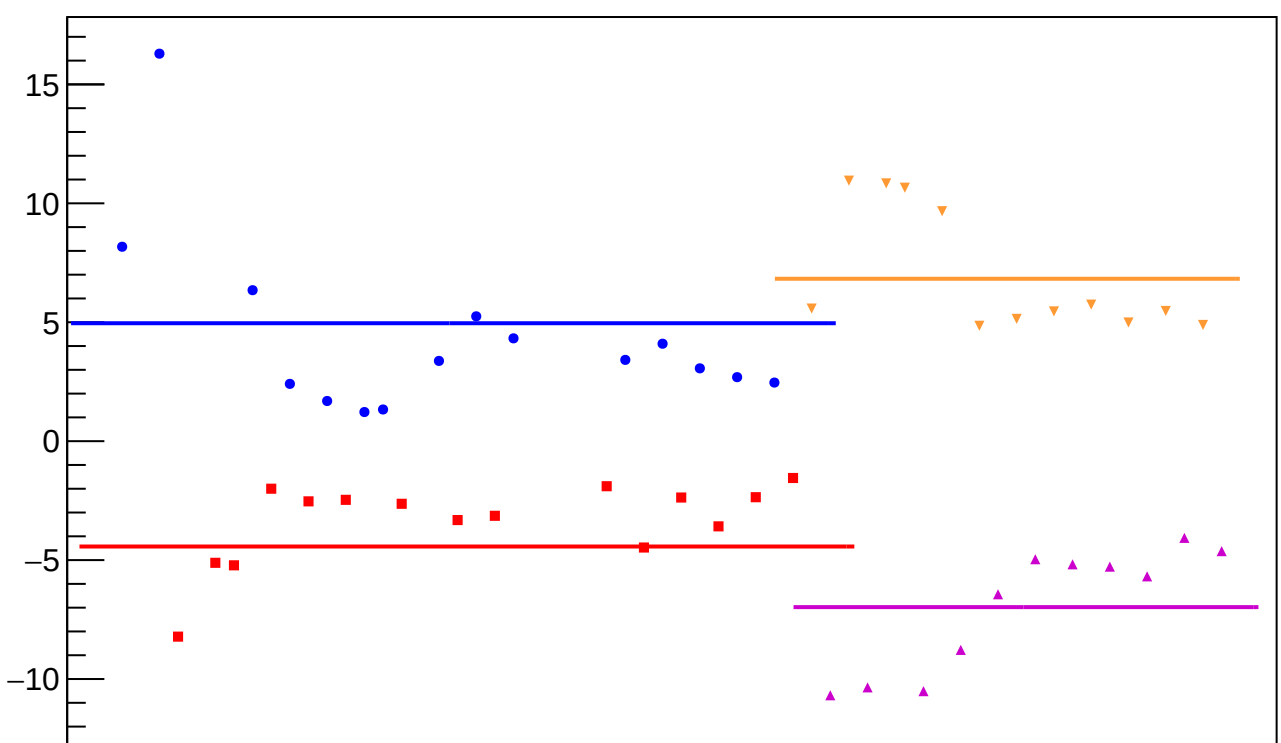
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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

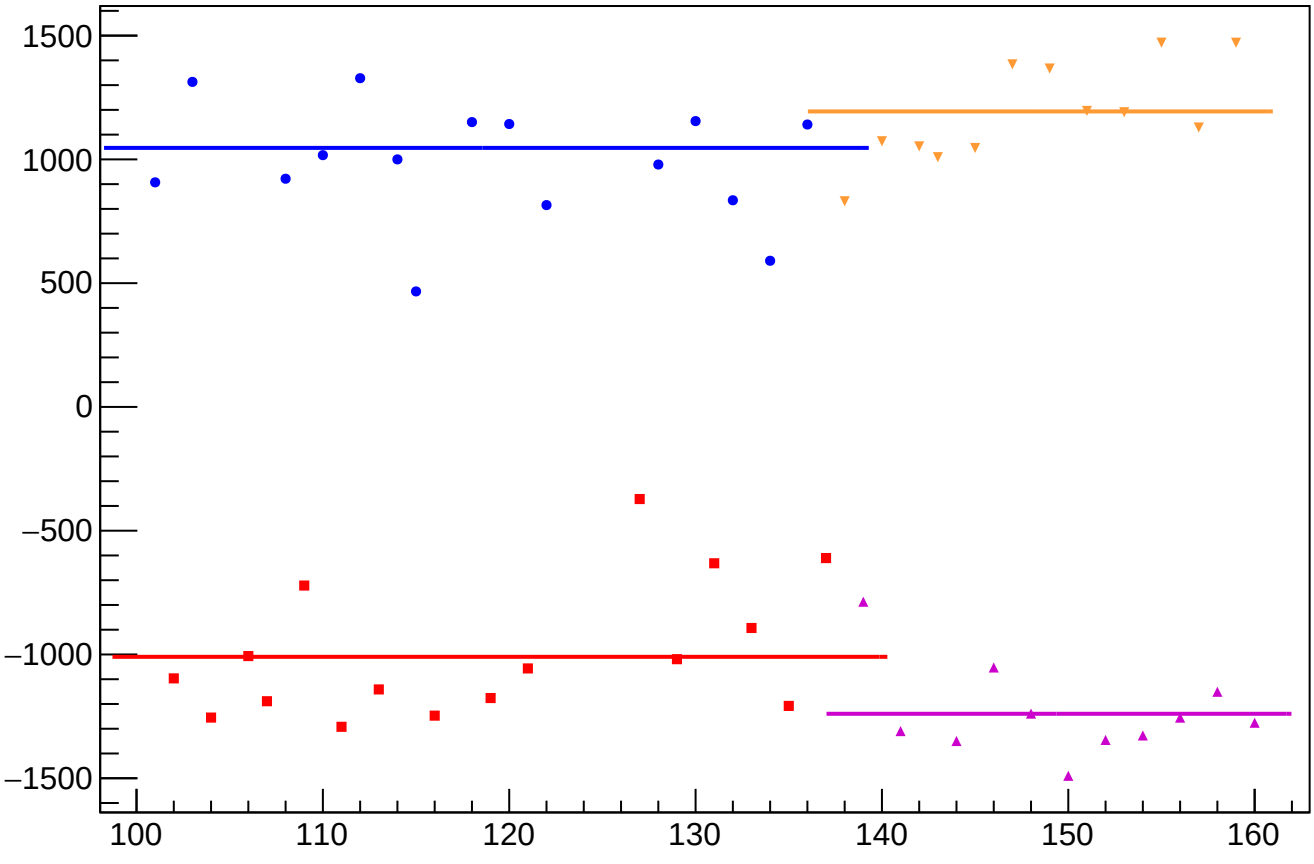
Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

Out: 2.079+/-0.000 χ^2/NDF:626104177981069701

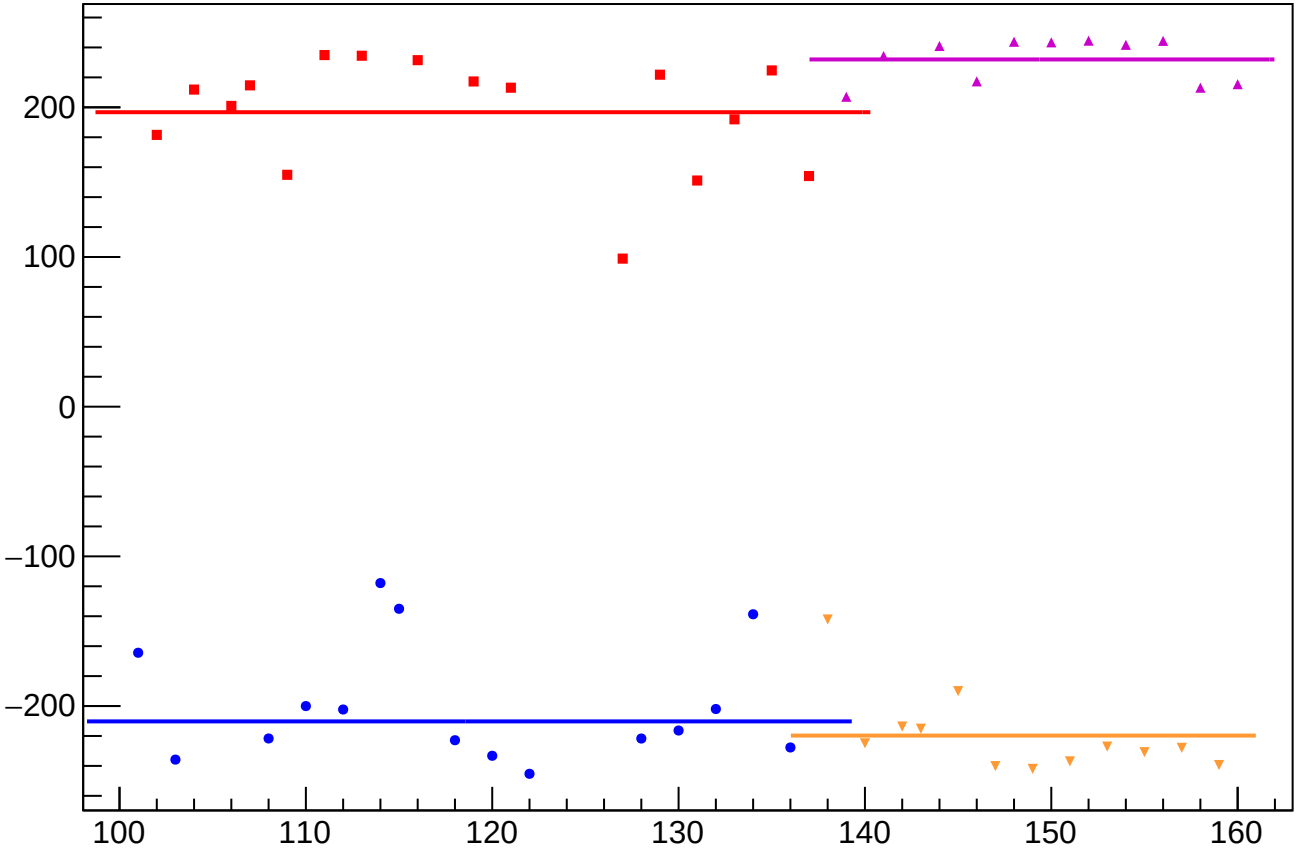
All: 0.018+/-0.000 χ^2/NDF: 1464768921407 0

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

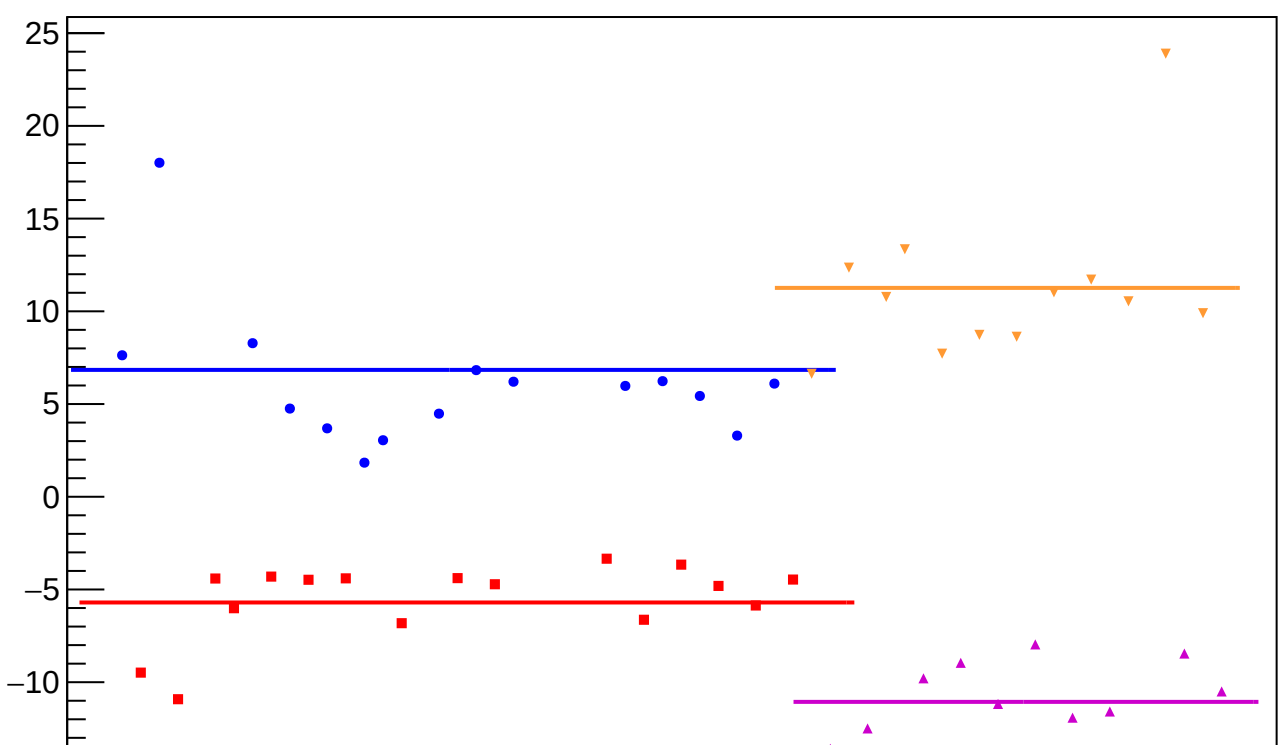
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

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

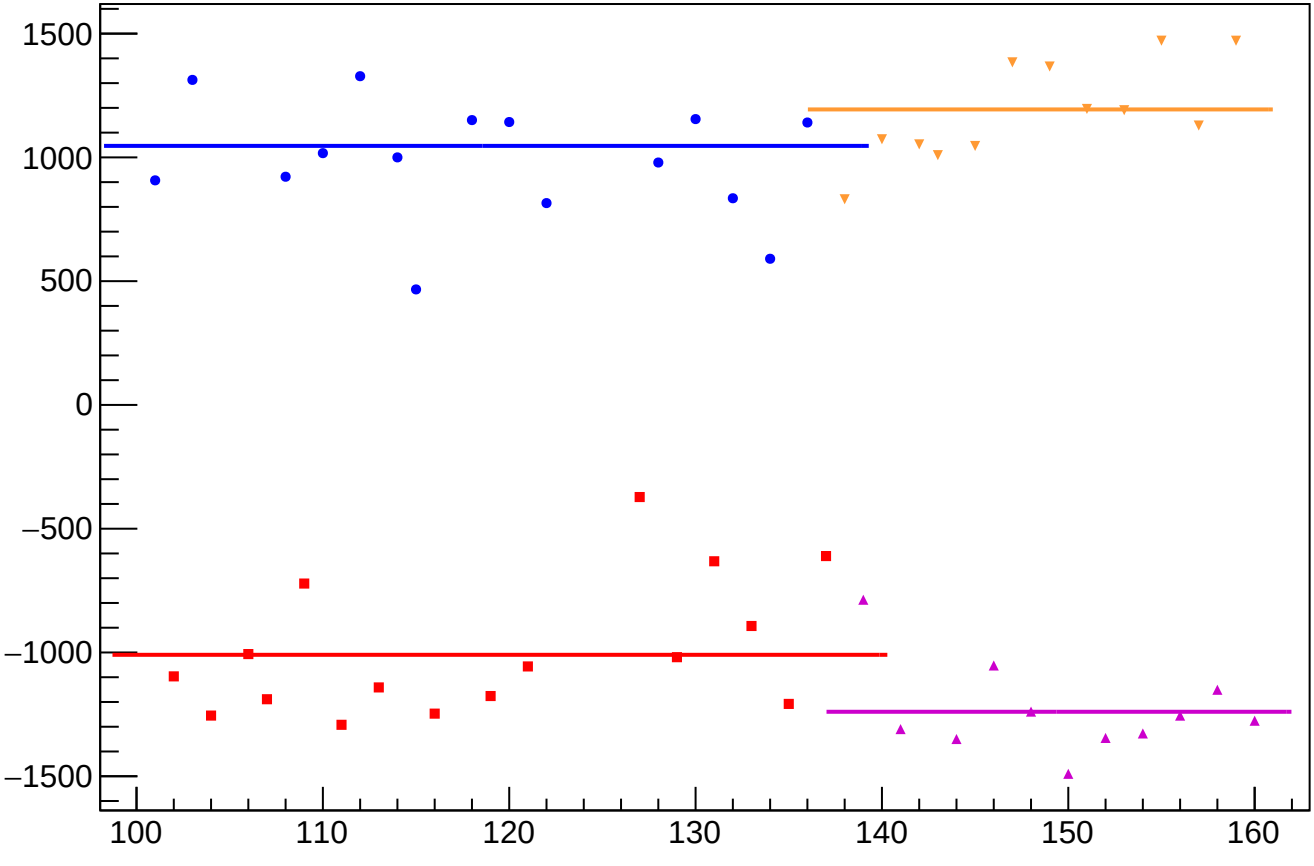
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15

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

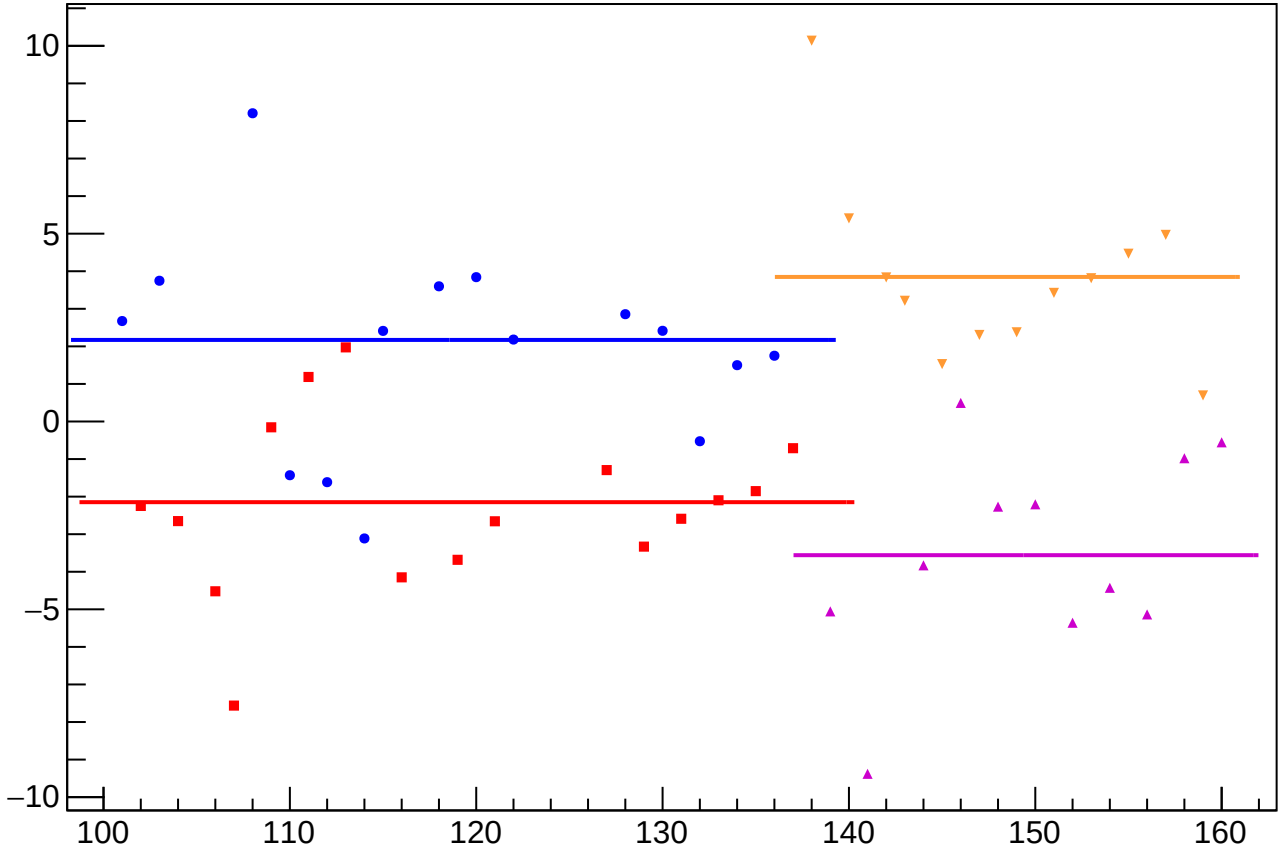
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

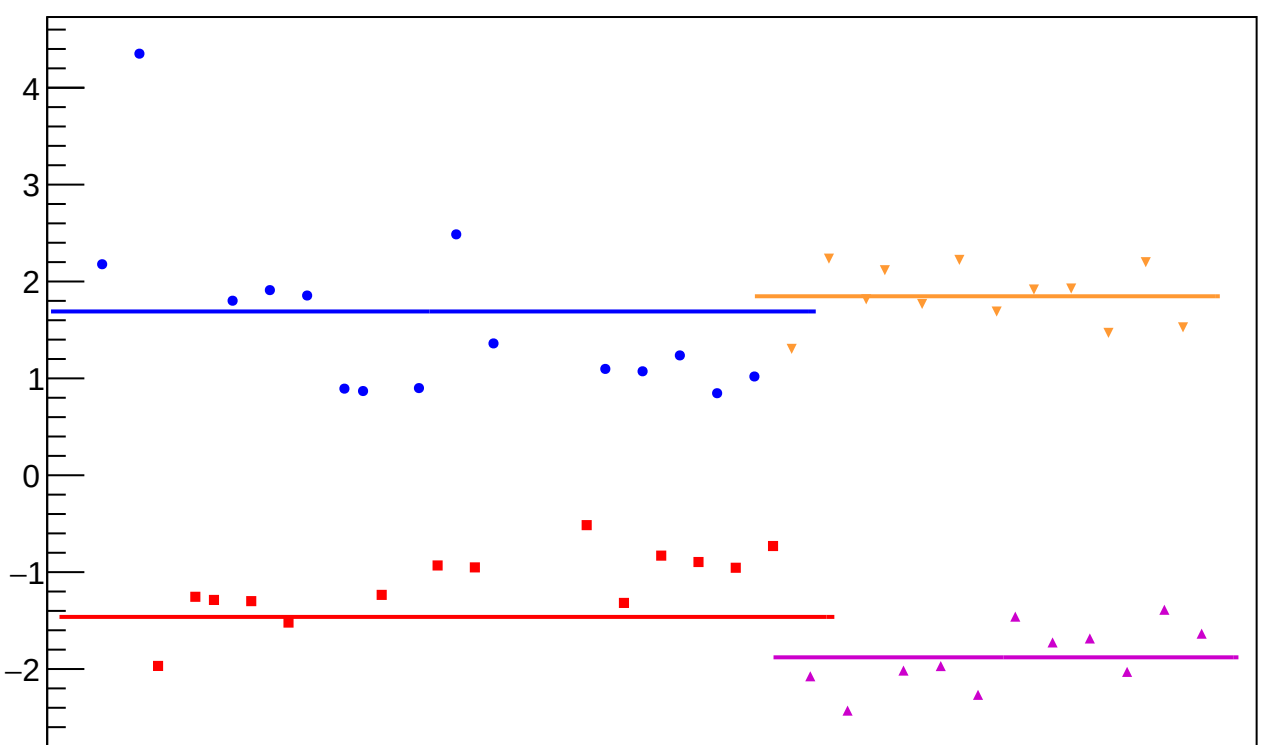
All: -15.348+/-0.000 χ^2/NDF: 424479012287

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



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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

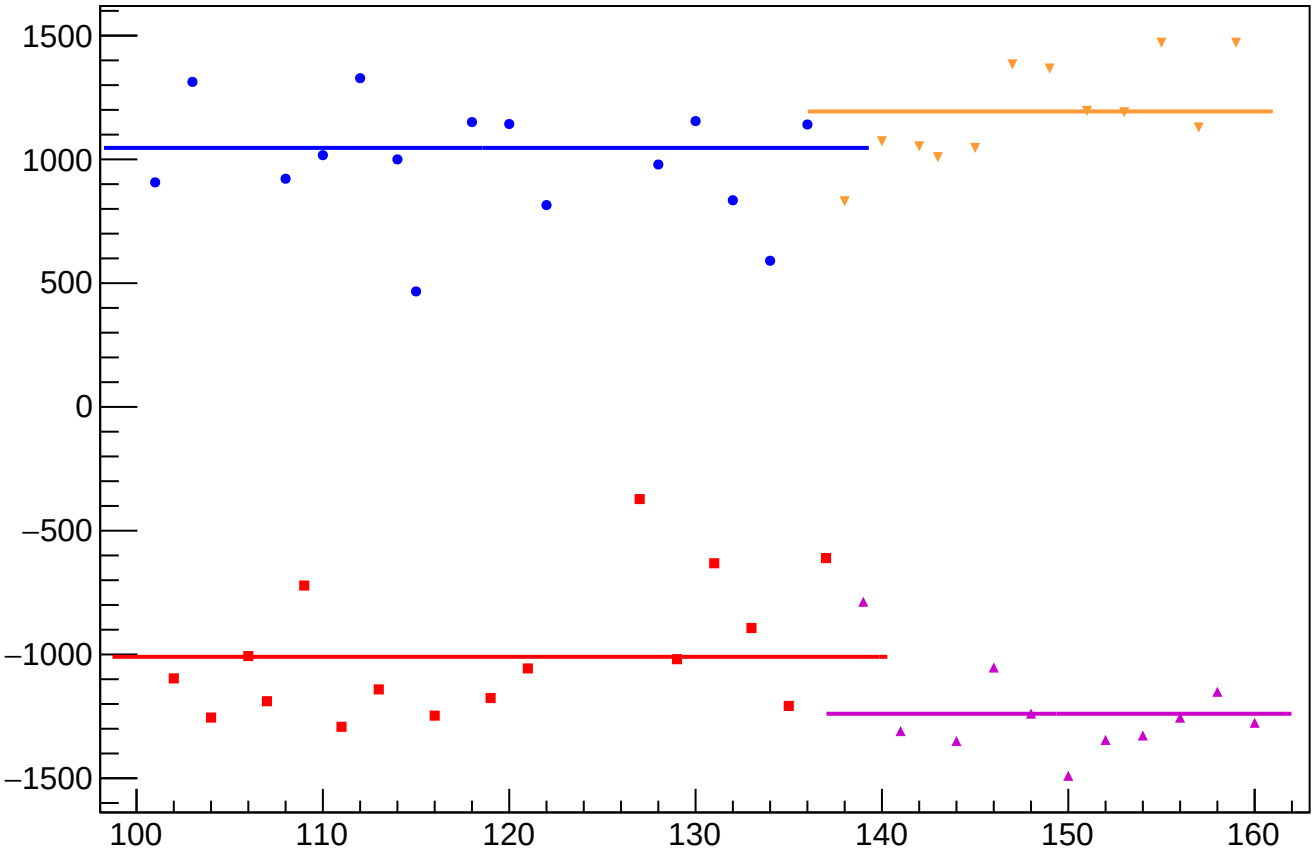
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

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

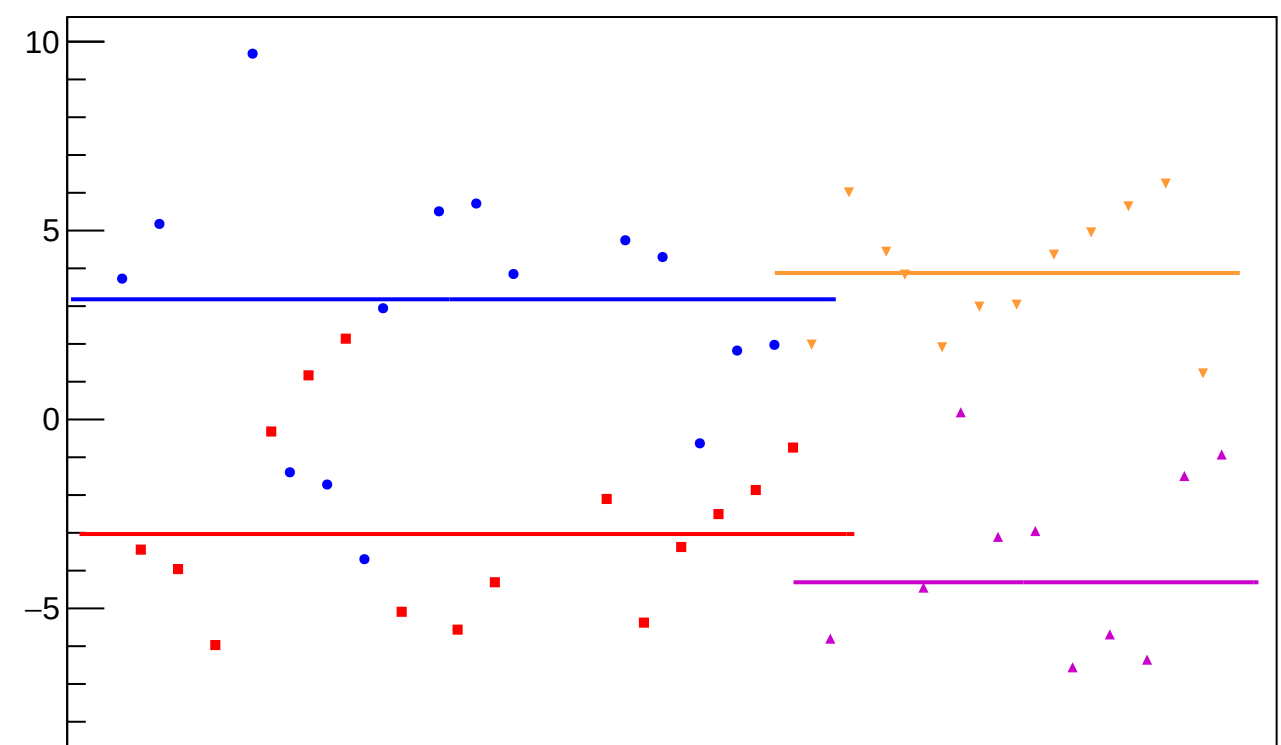
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

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

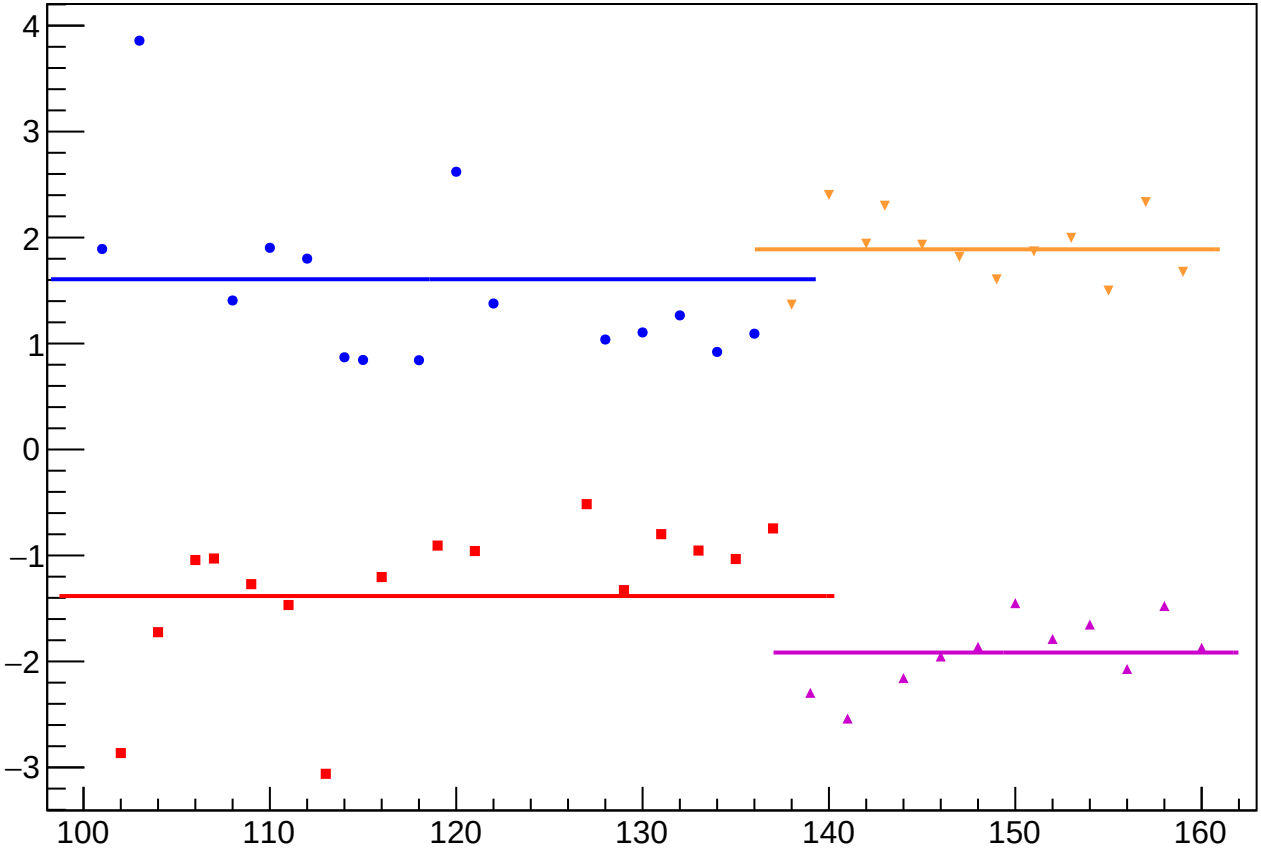
Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

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

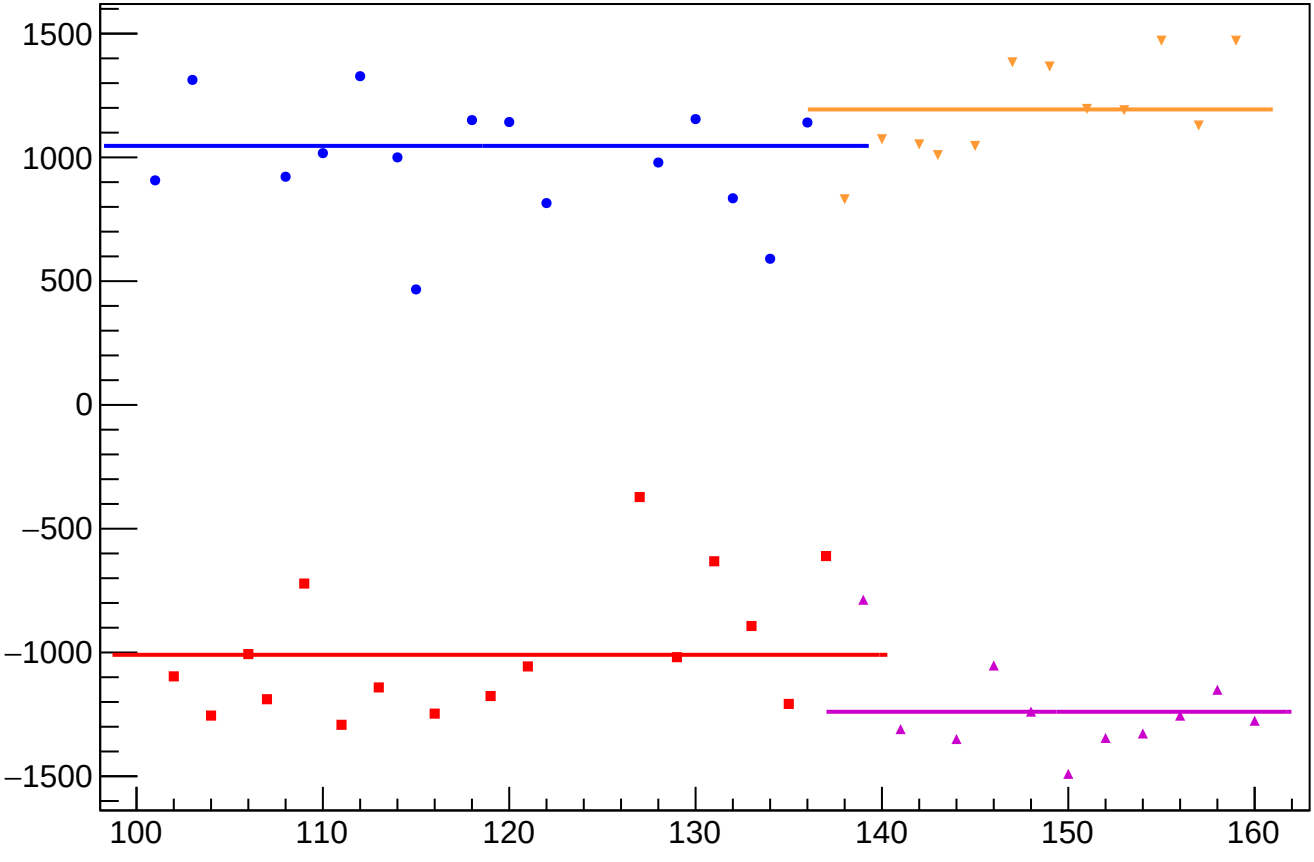
Right Out: -1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

Out: 0.509+/-0.000 χ^2/NDF:4580158091435644

Left In: -1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

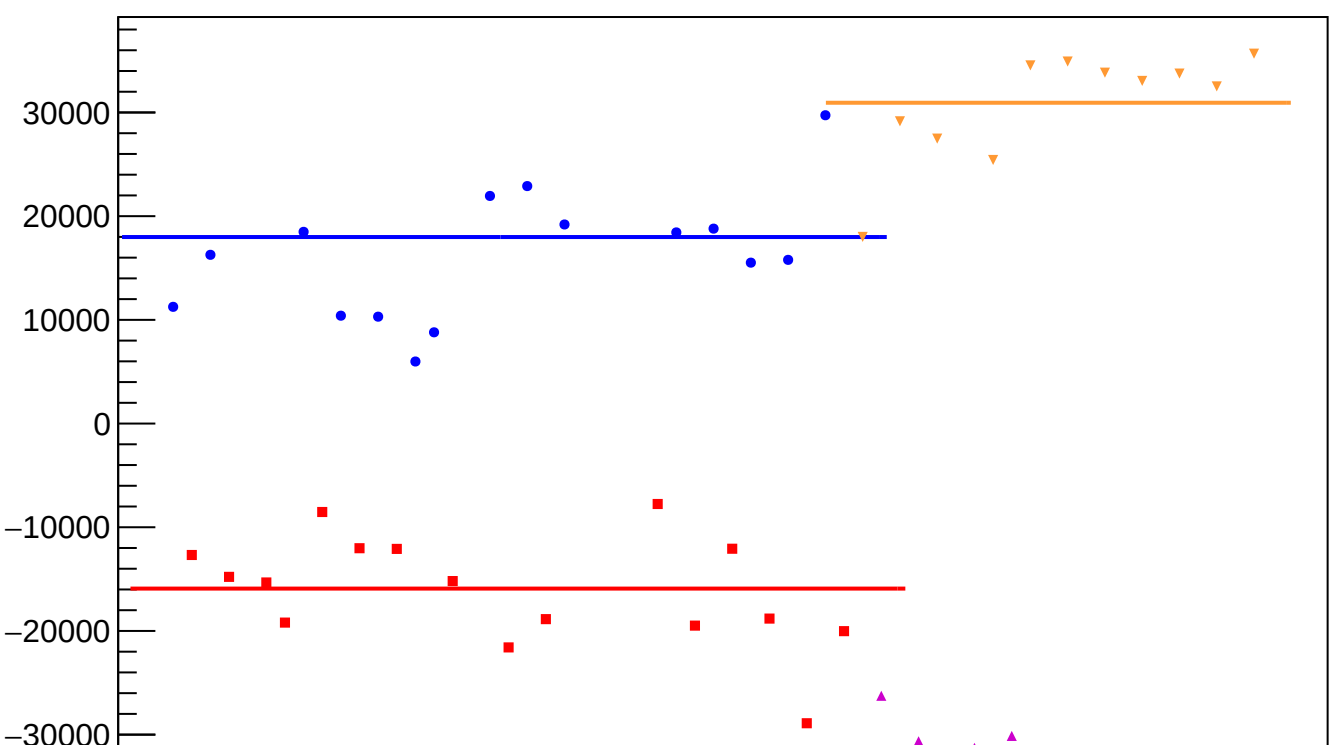
All: 0.024+/-0.000 χ^2/NDF: 1061091914309

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



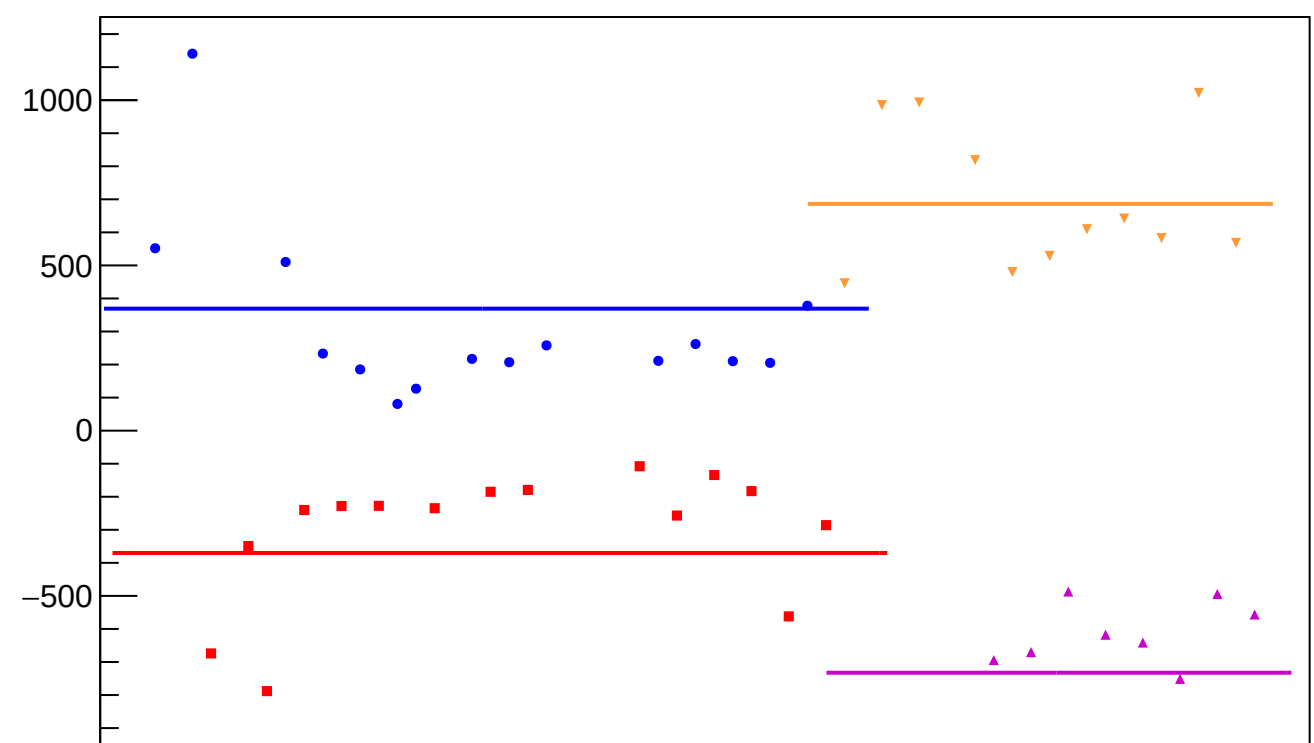
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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



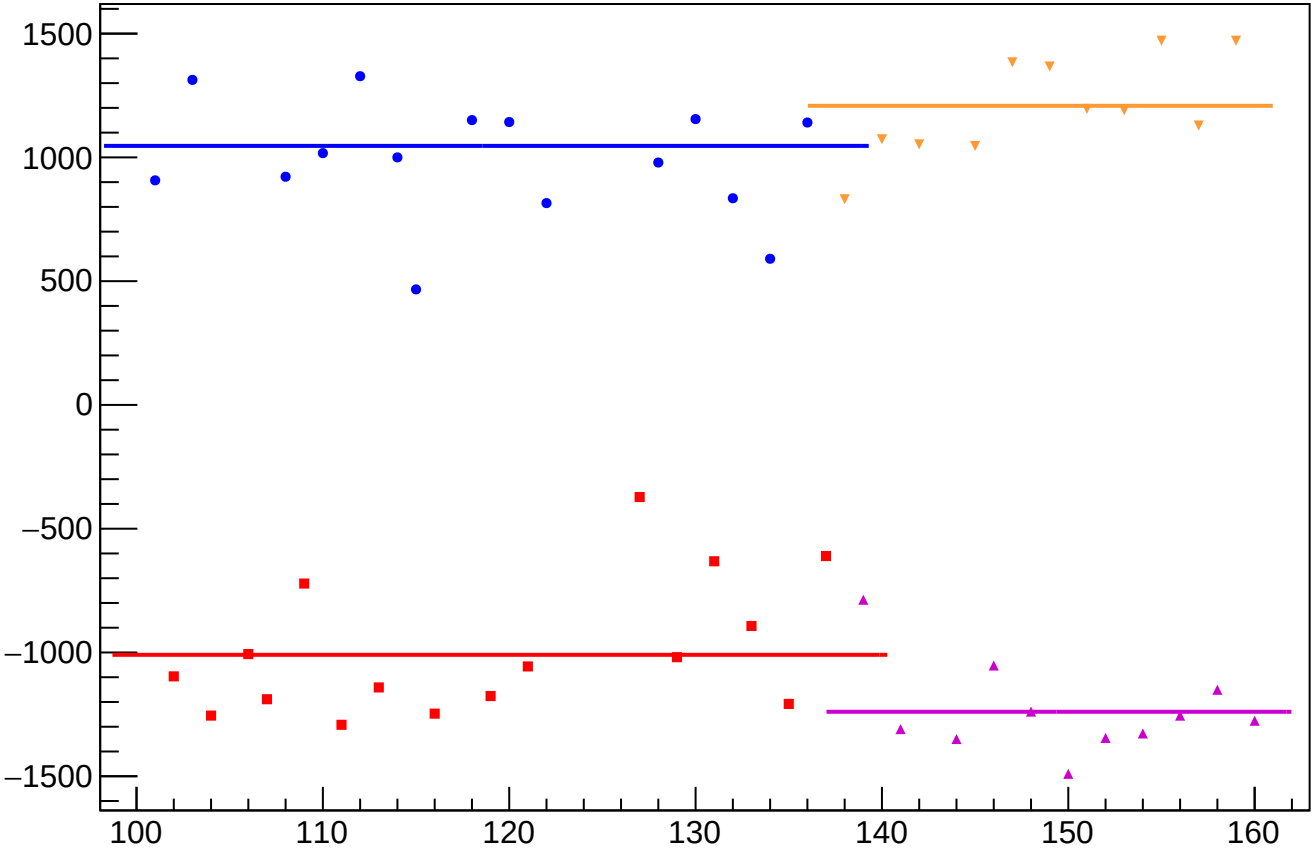
Left: -2133.218+/-0.000 χ^2/NDF: 18043574400904
Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14
Right: 804.617+/-0.000 χ^2/NDF: 422864756621879
Left Out: 30938.190+/-0.000 χ^2/NDF:222312016952578697732753691000223951749 12.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
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

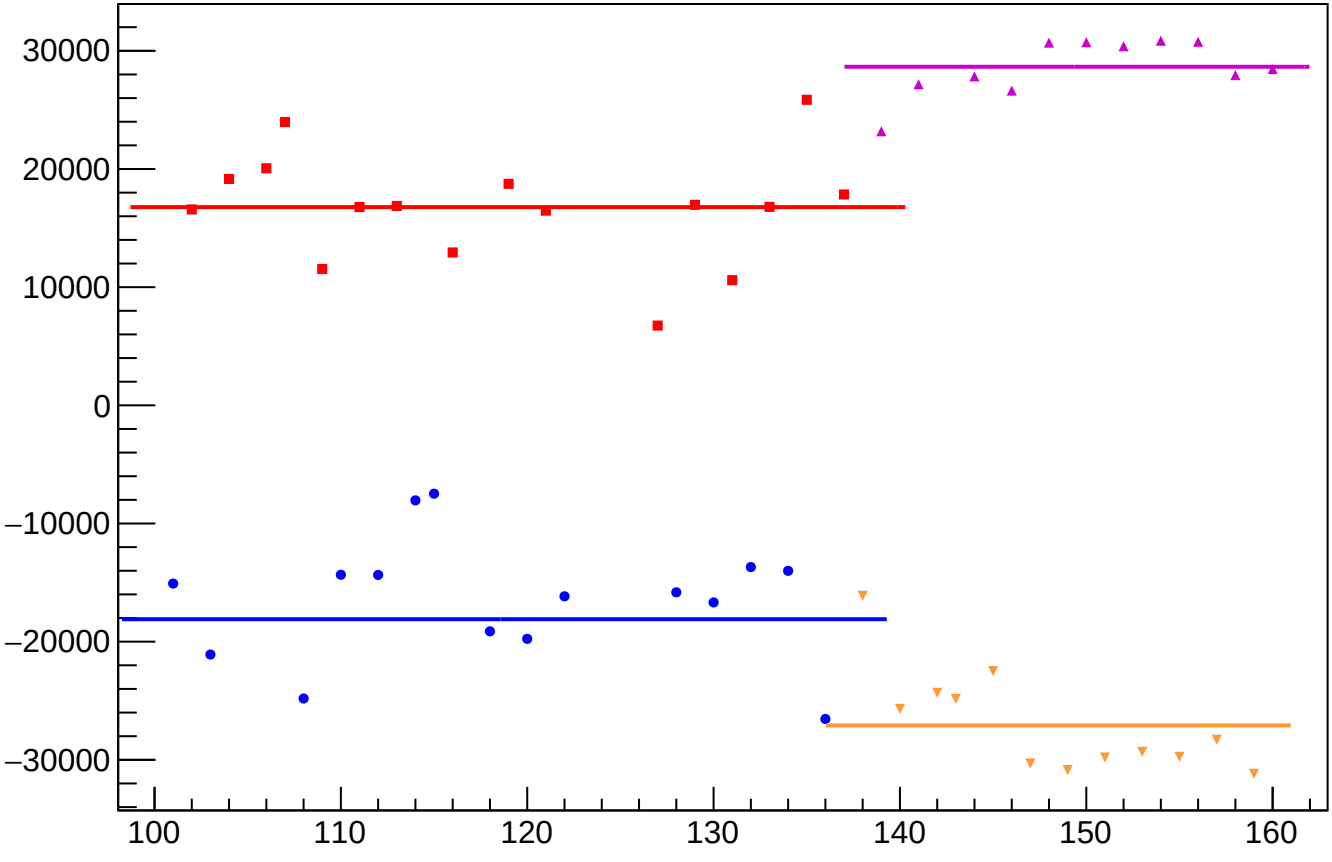
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

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

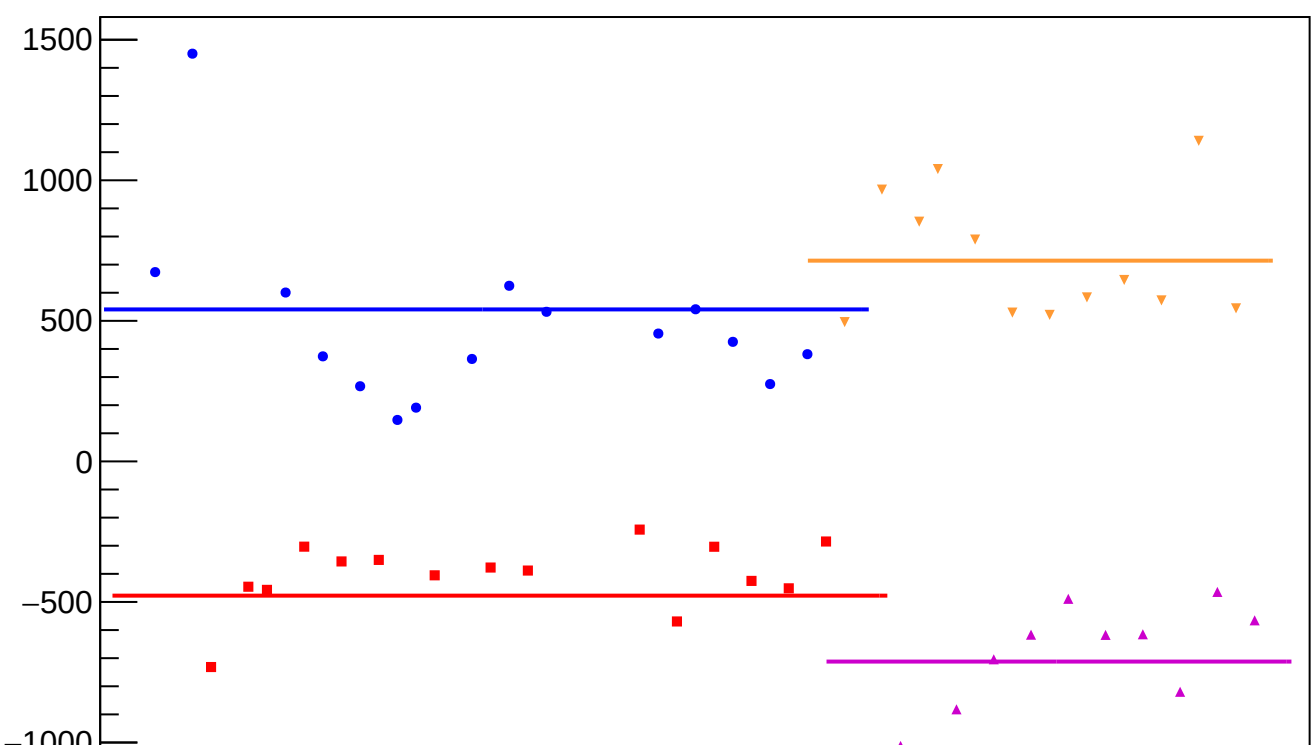
Right Out: 16773.604+/-0.000 χ^2/NDF: 14234547931135812277474342886568366178304.0/15

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

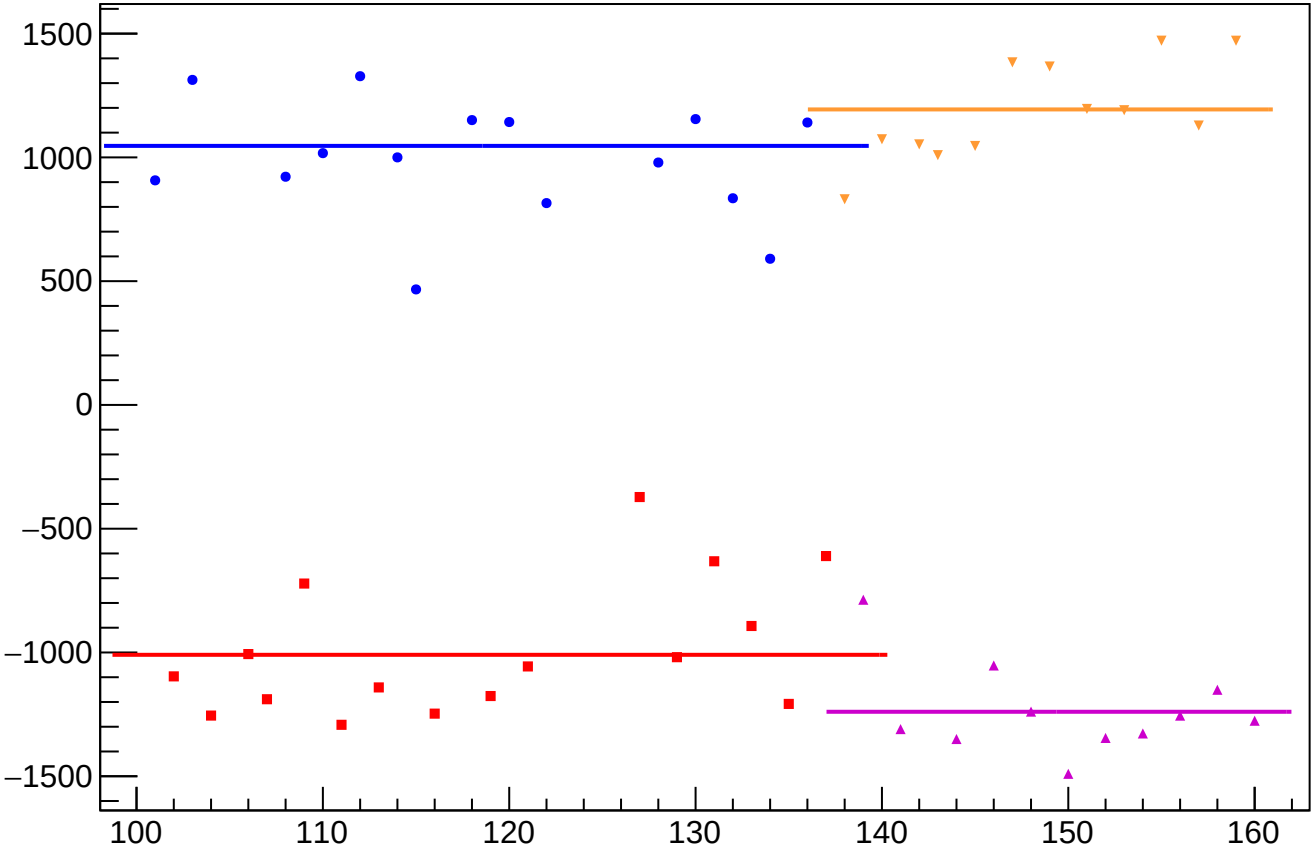
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 211.390+/-0.000 χ^2/NDF:6295663774355160

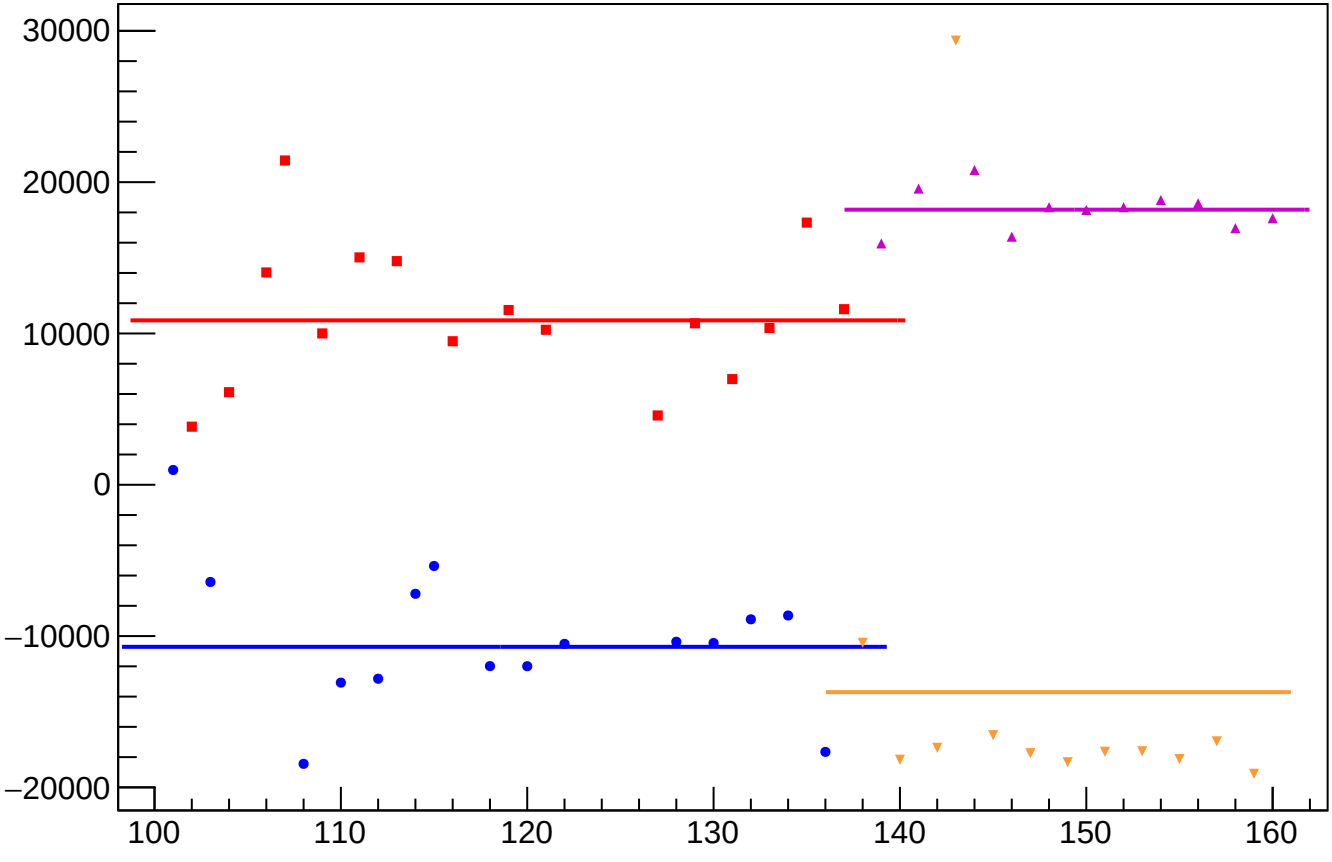
All: 8.600+/-0.000 χ^2/NDF: 14568707976042

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

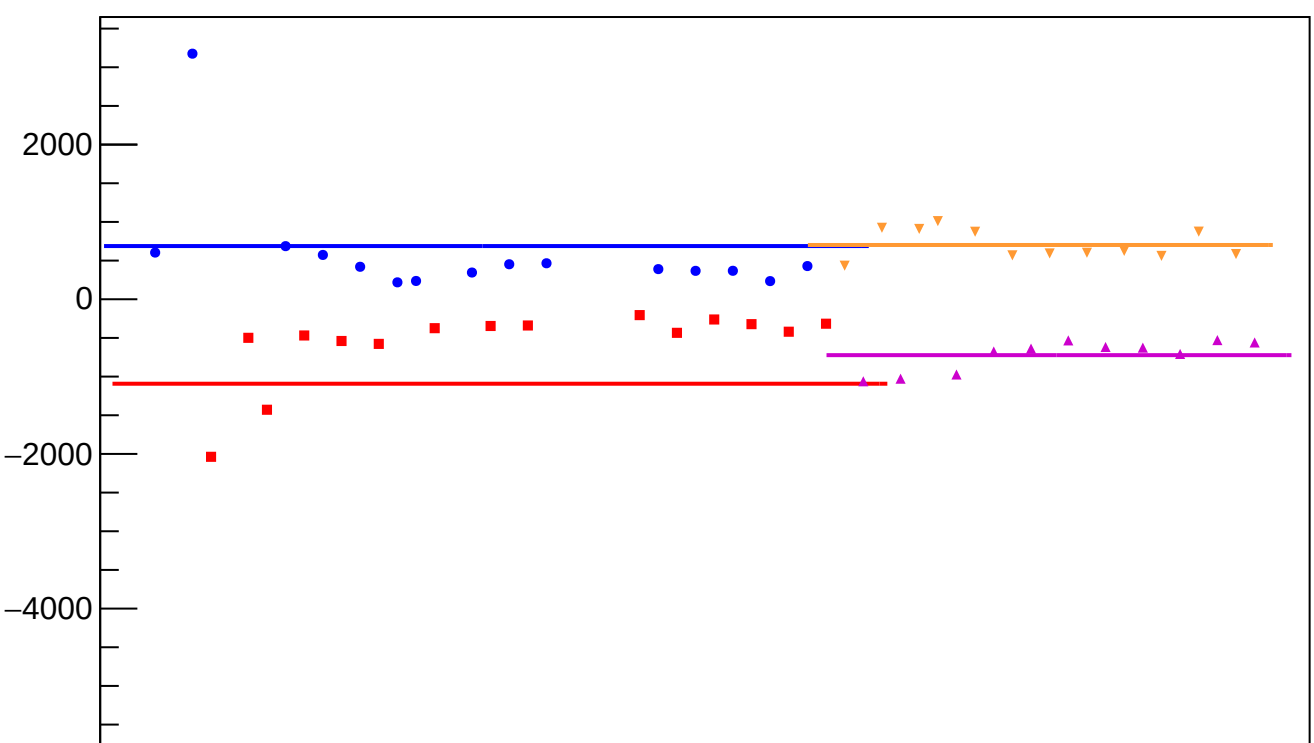
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

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

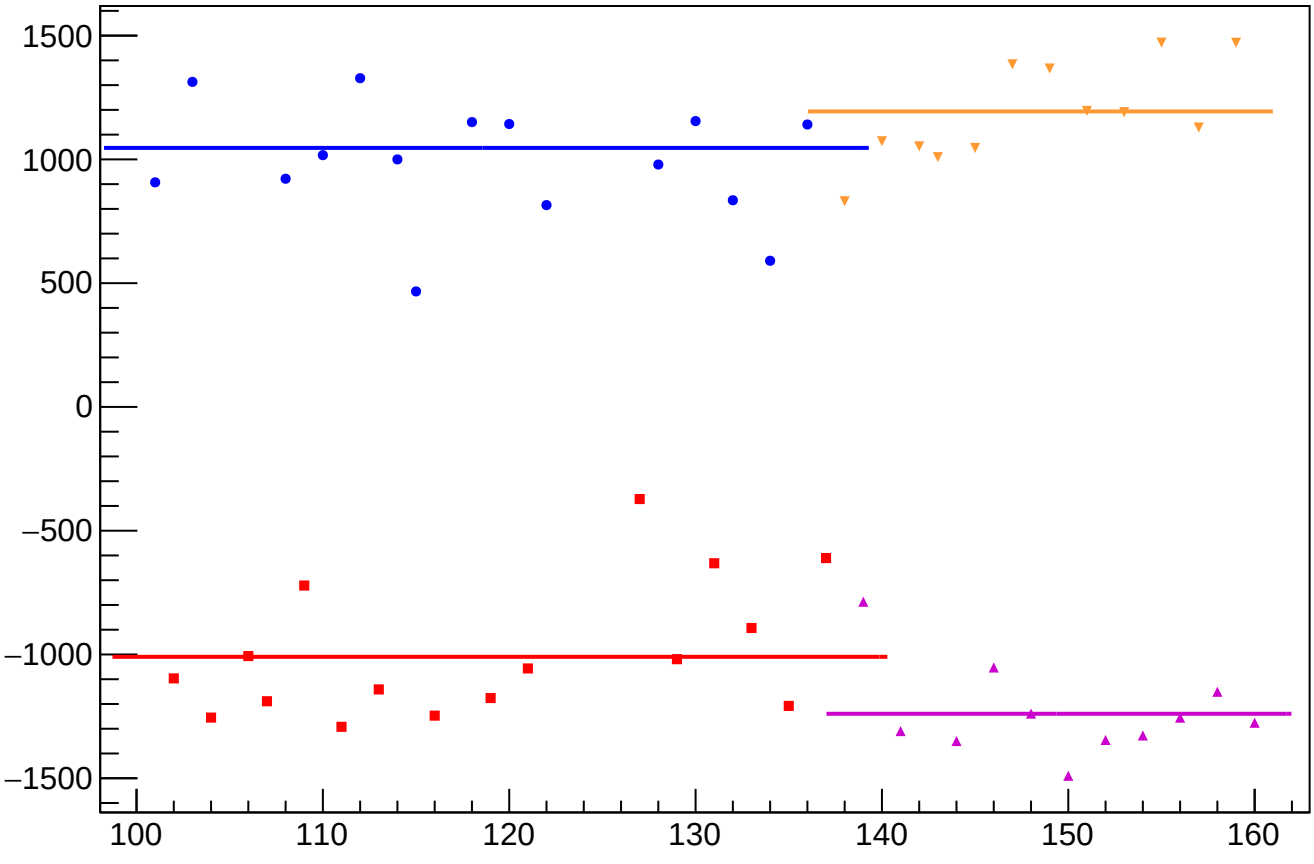
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

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

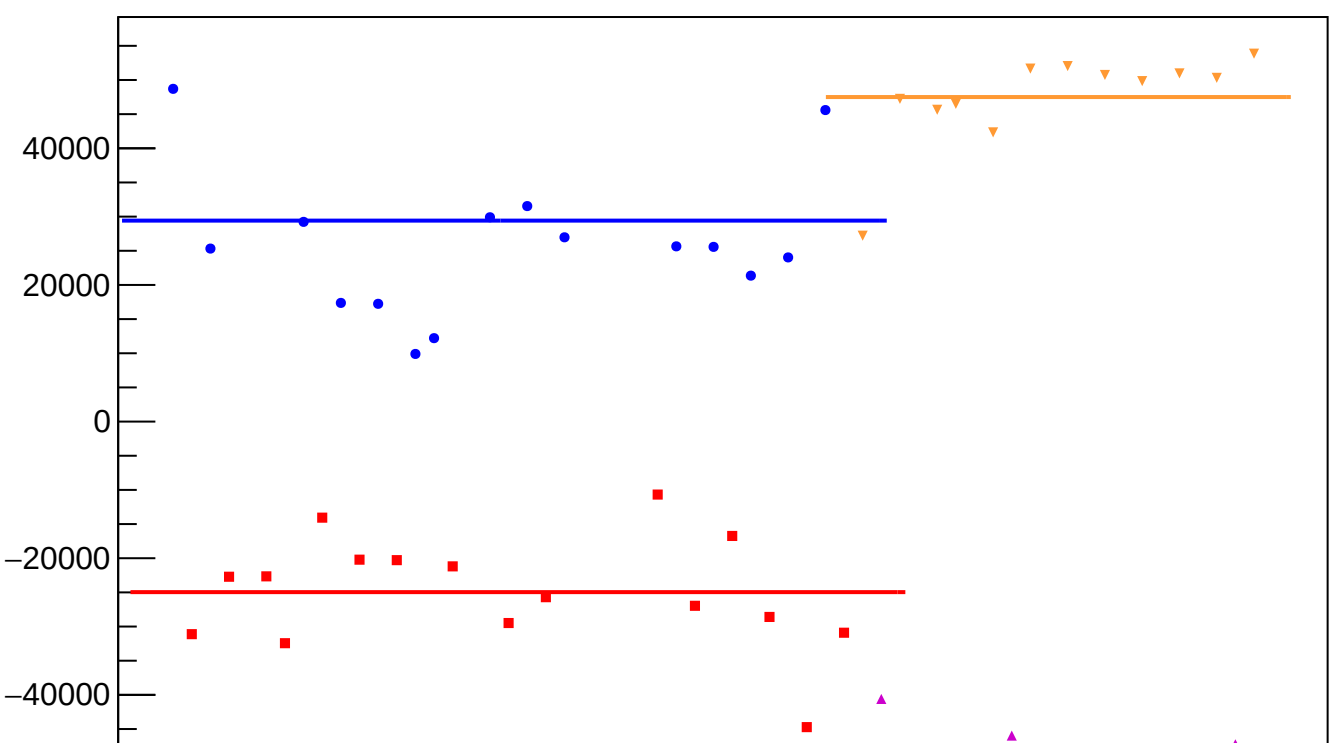
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

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

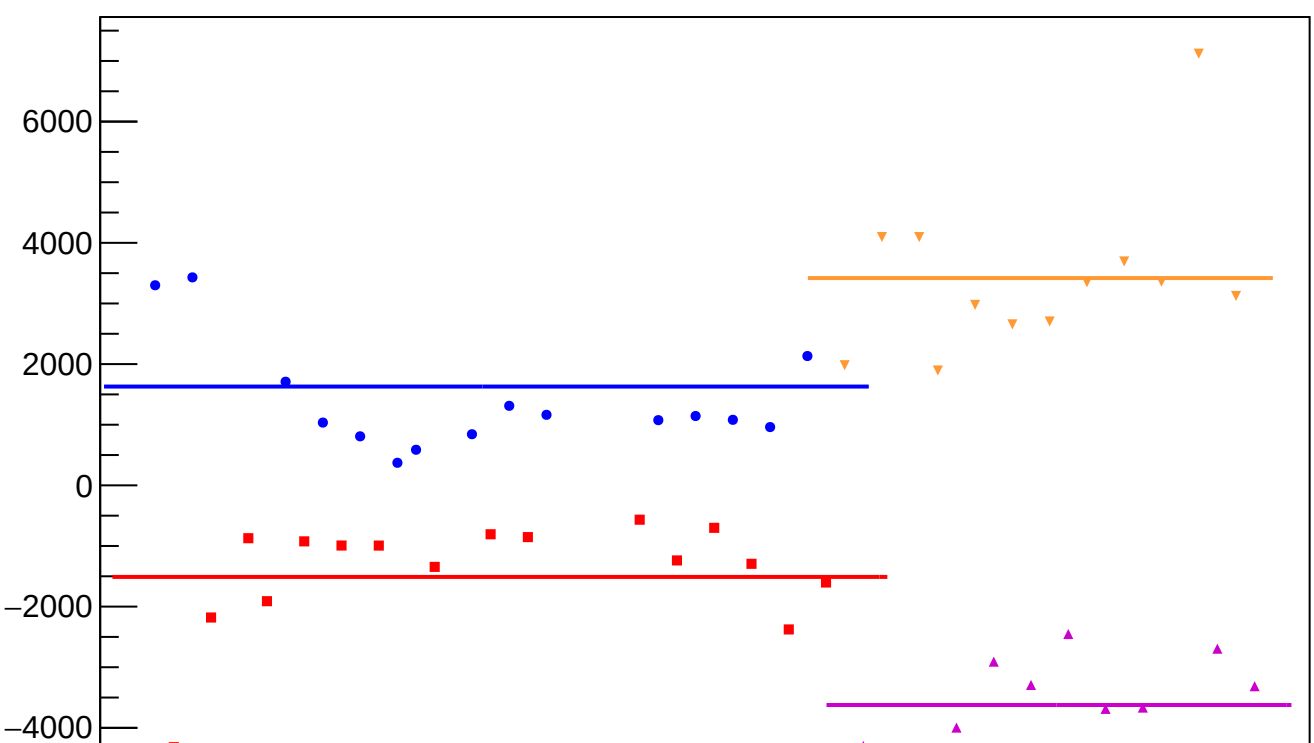
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561 4208.0/15

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

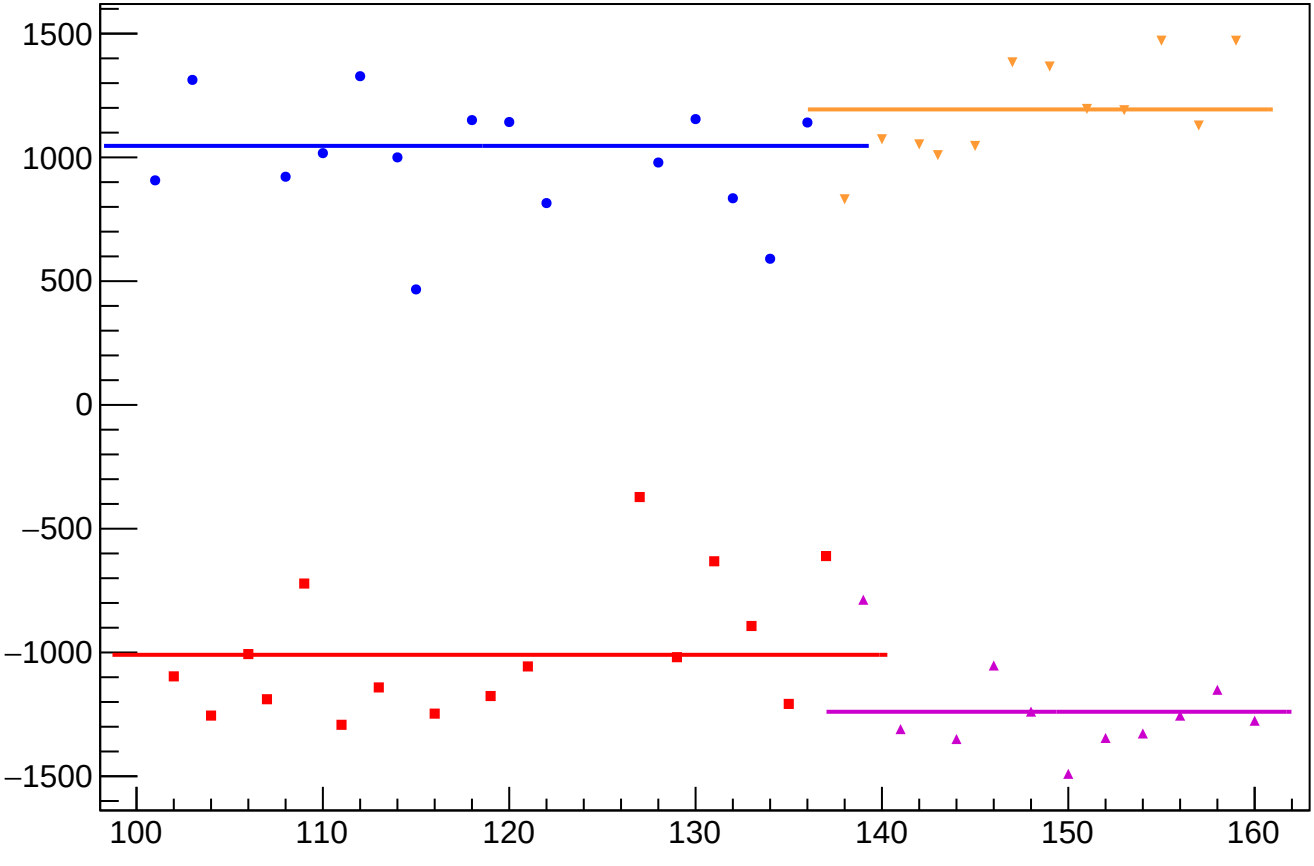
Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1339.363+/-0.000 χ^2/NDF:116328176360275

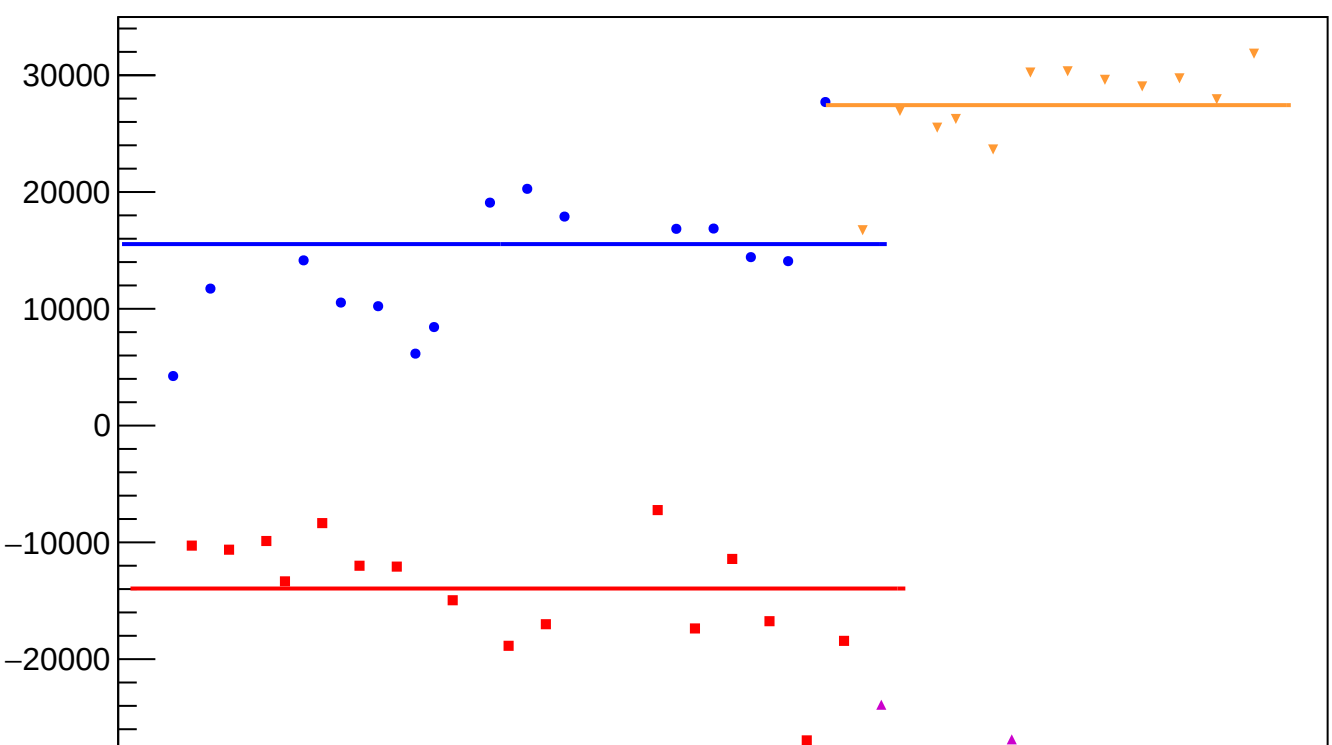
All: -54.735+/-0.000 χ^2/NDF: 294015037802

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



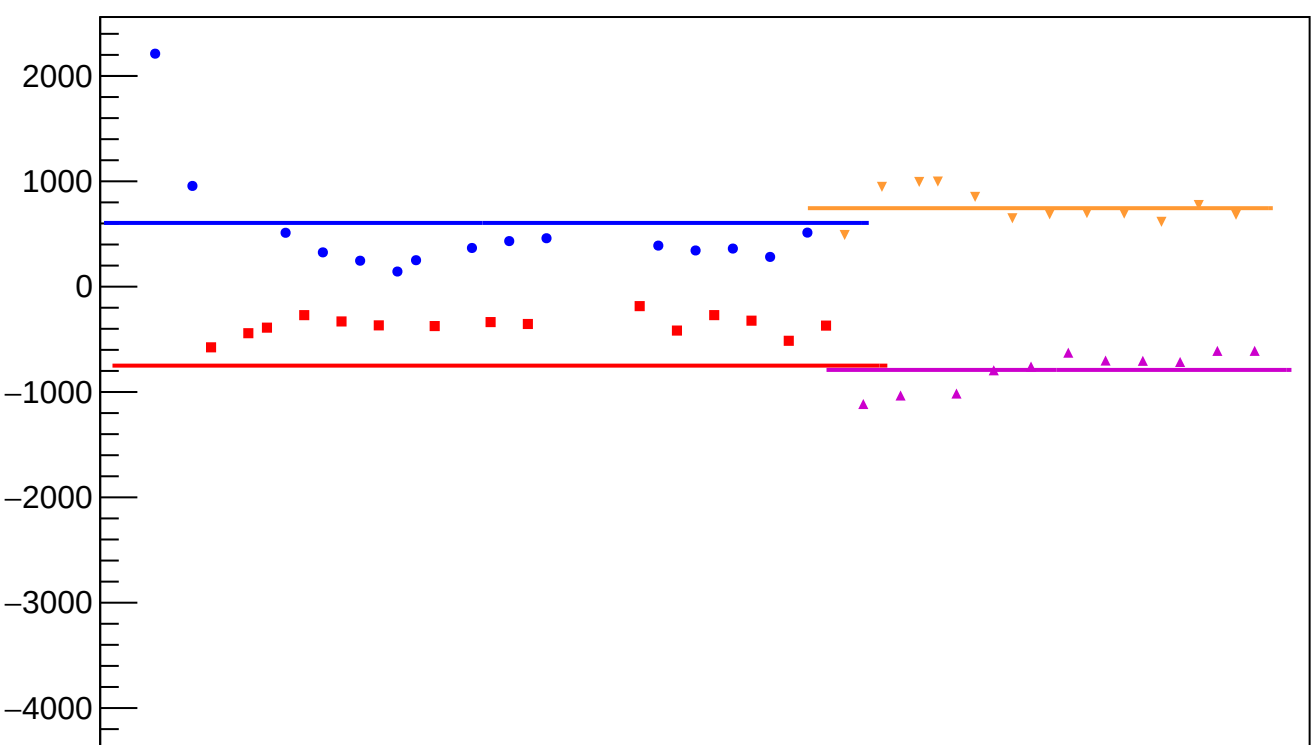
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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



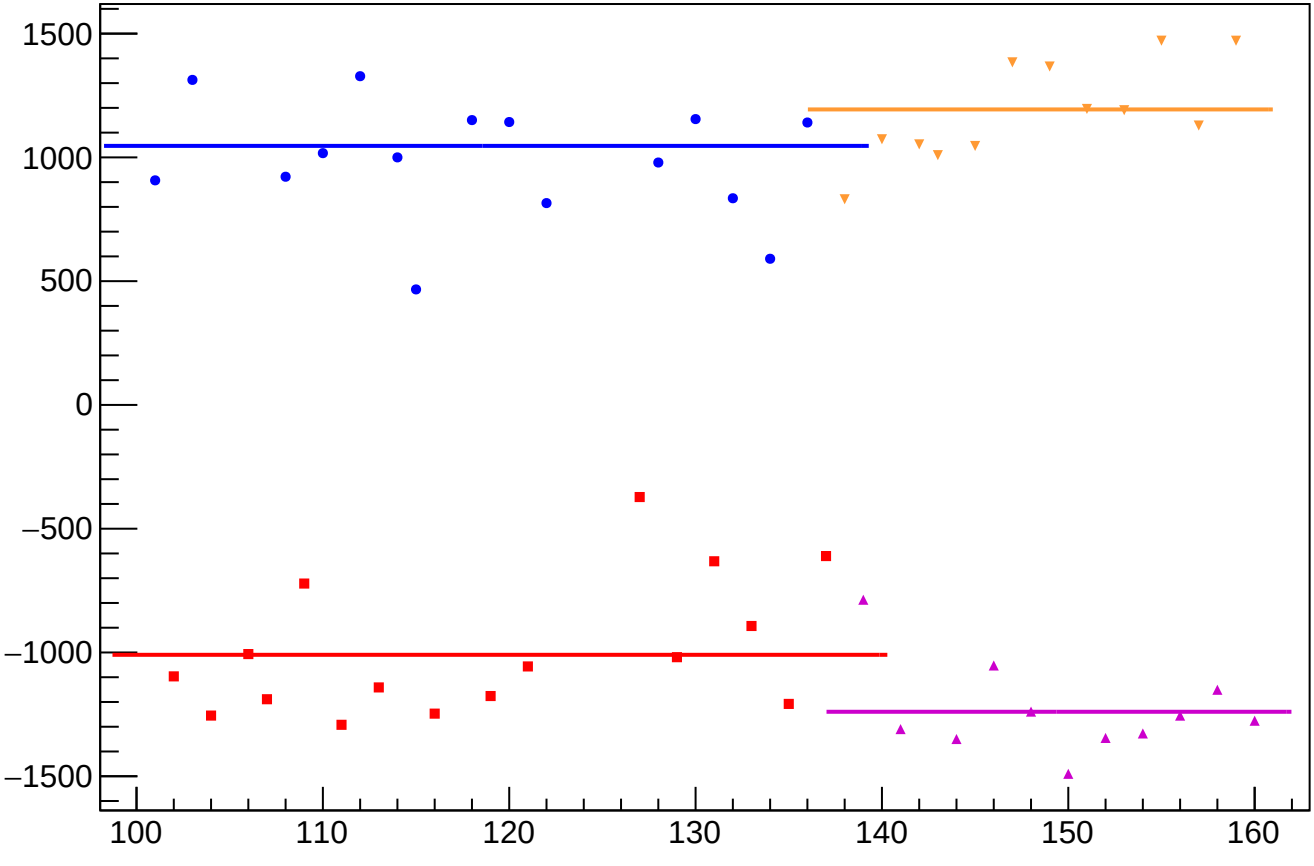
Left: -874.291+/-0.000 χ^2/NDF: 147554500401251
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
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



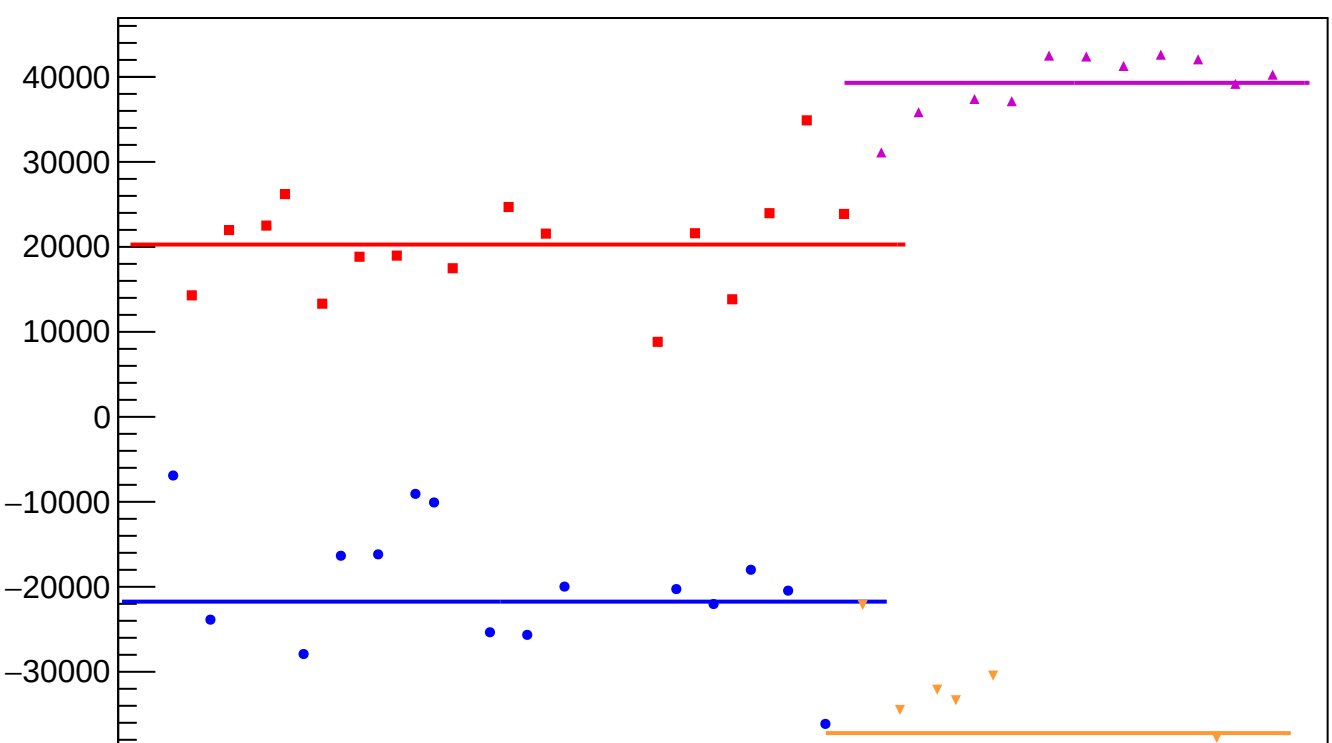
Left: -26.826+/-0.000 χ^2/NDF: 1129978912753072
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 744.985+/-0.000 χ^2/NDF:1957145398427896171993624787054444126 72.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 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



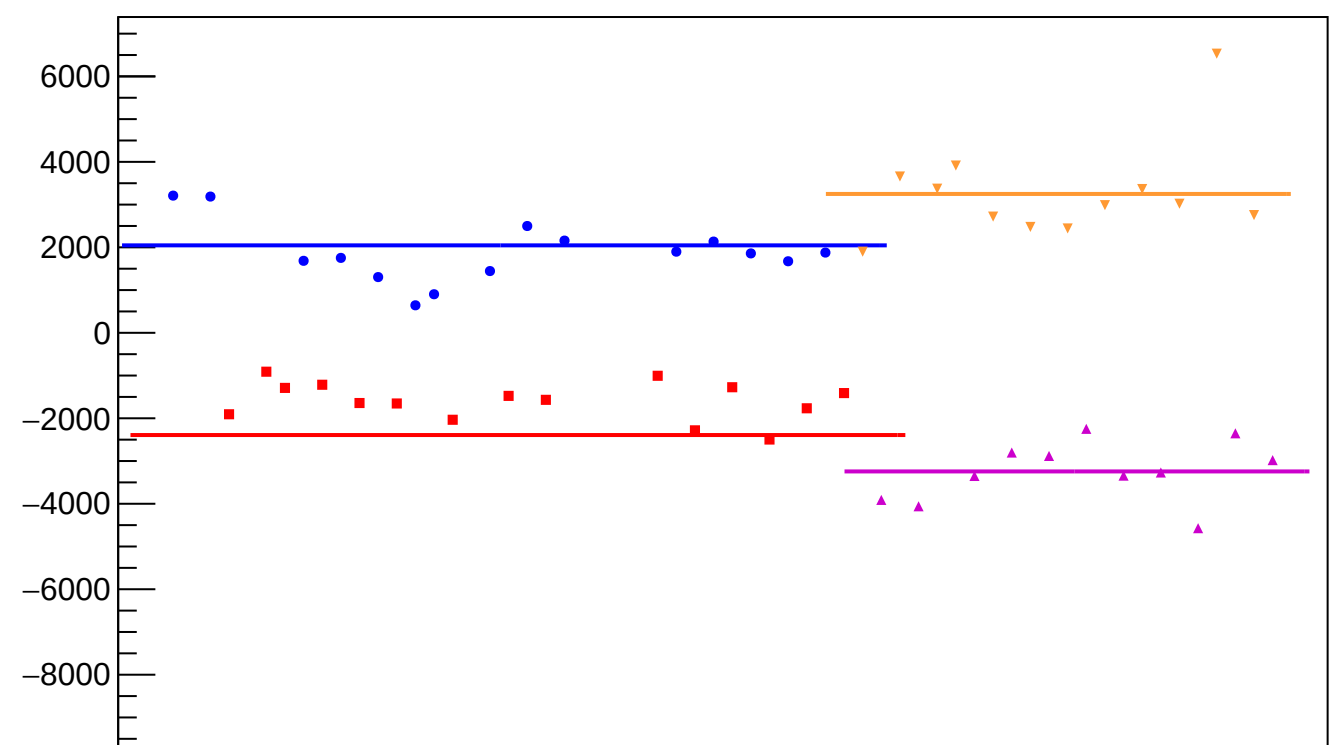
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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



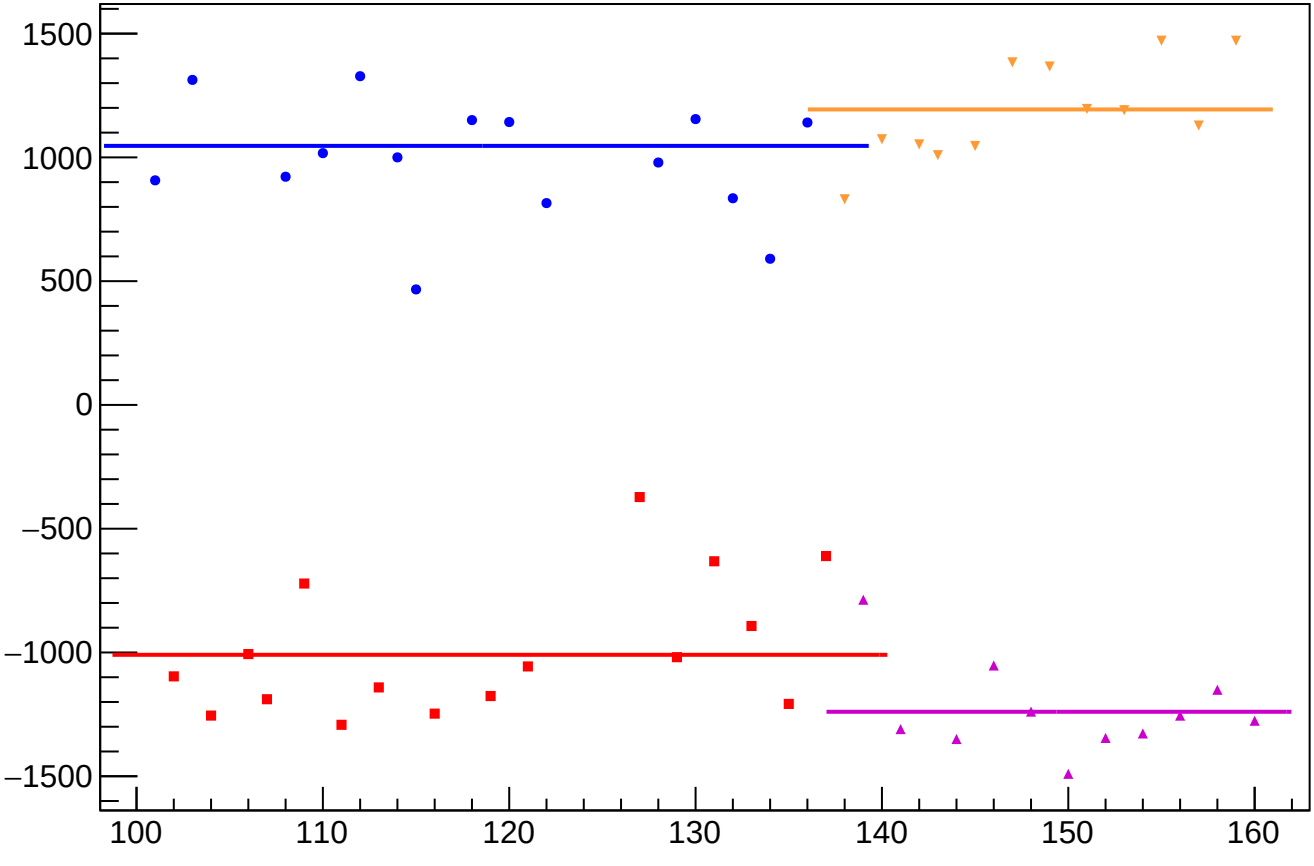
Left: 1253.360+/-0.000 χ^2/NDF: 273699578436603
Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
Right: -446.610+/-0.000 χ^2/NDF: 64780902874572
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
In: 14114.985+/-0.000 χ^2/NDF:147263048816292
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

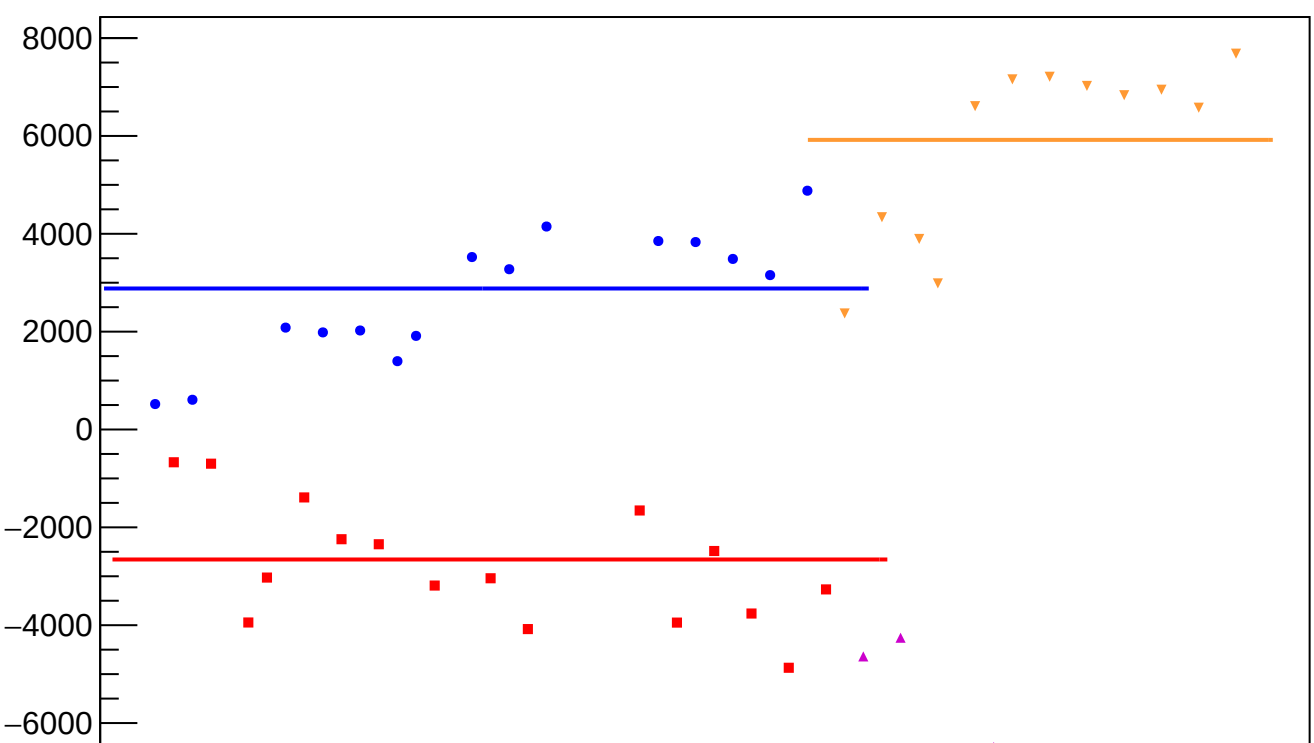
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

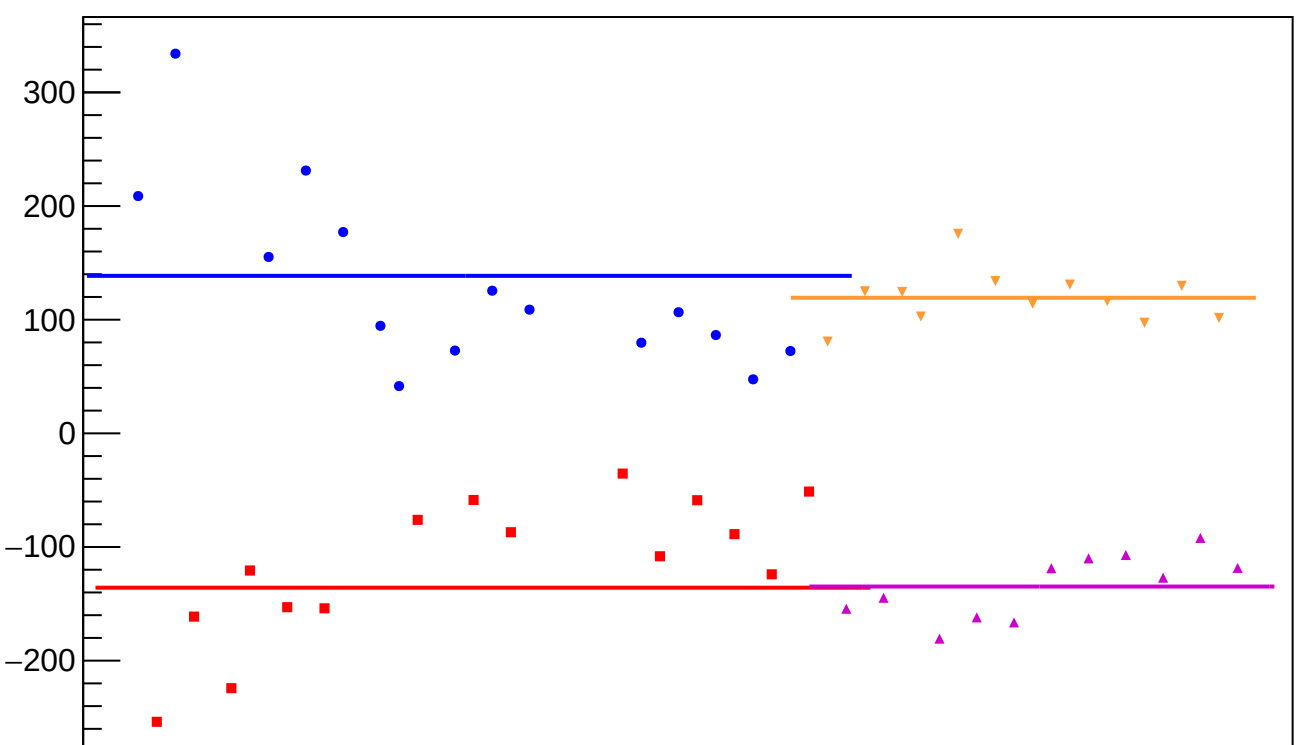
All: -15.348+/-0.000 χ^2/NDF: 424479012287

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

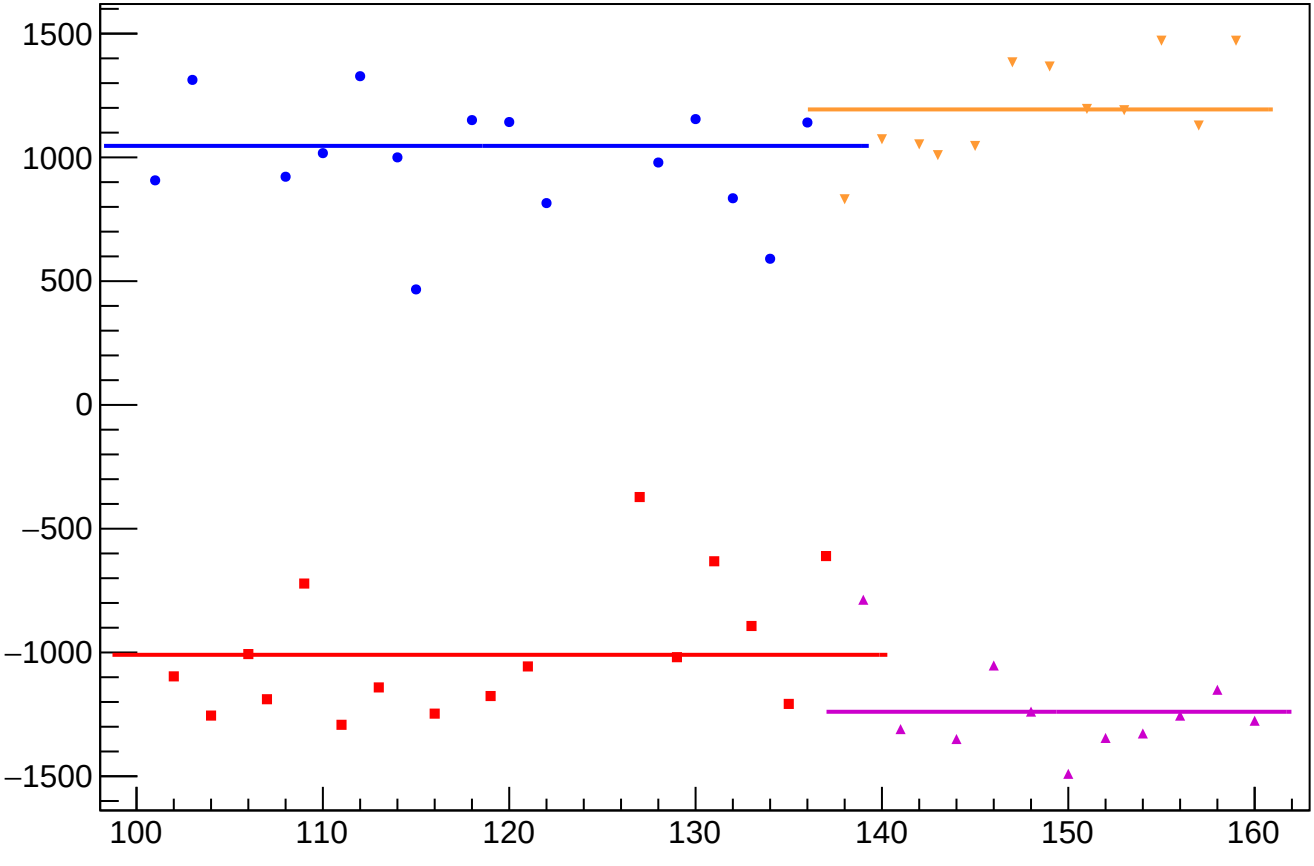
Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.663+/-0.000 χ^2/NDF:2953589609078656 4

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

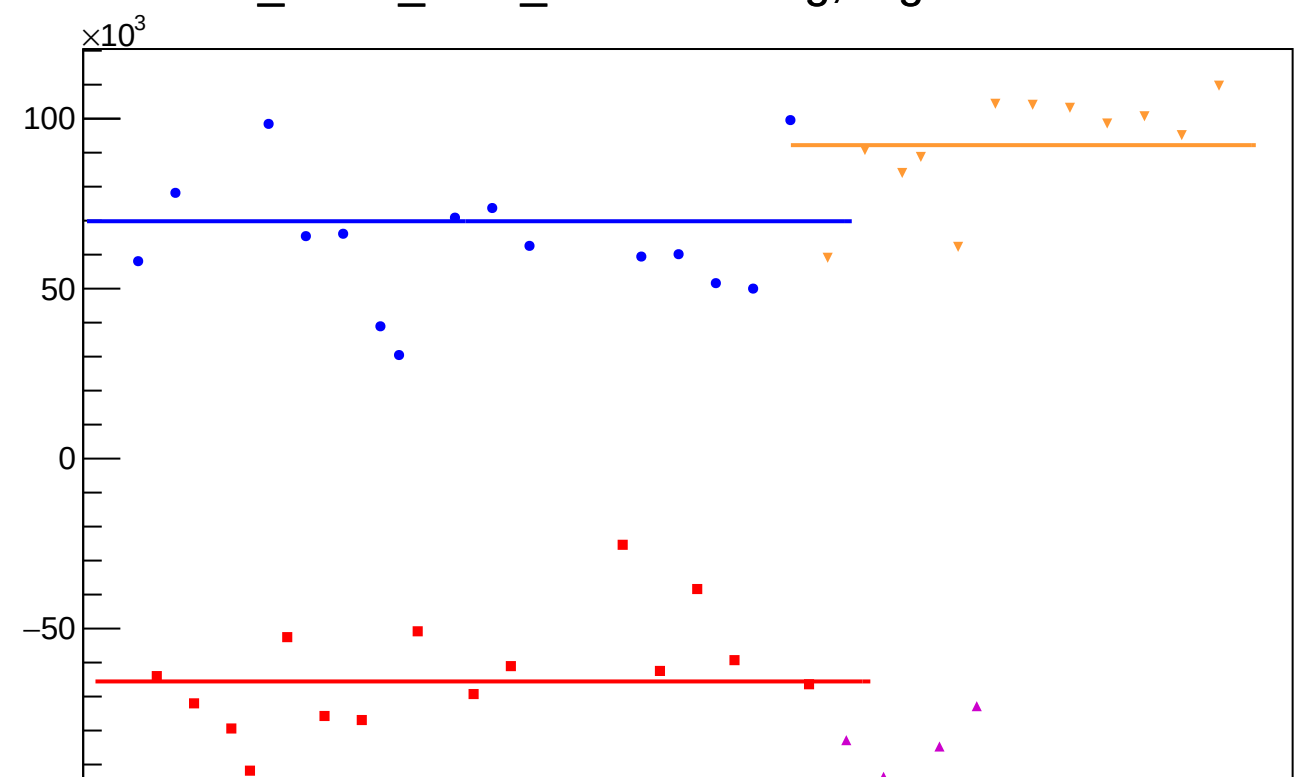
All: -5.125+/-0.000 χ^2/NDF: 6384982584601

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

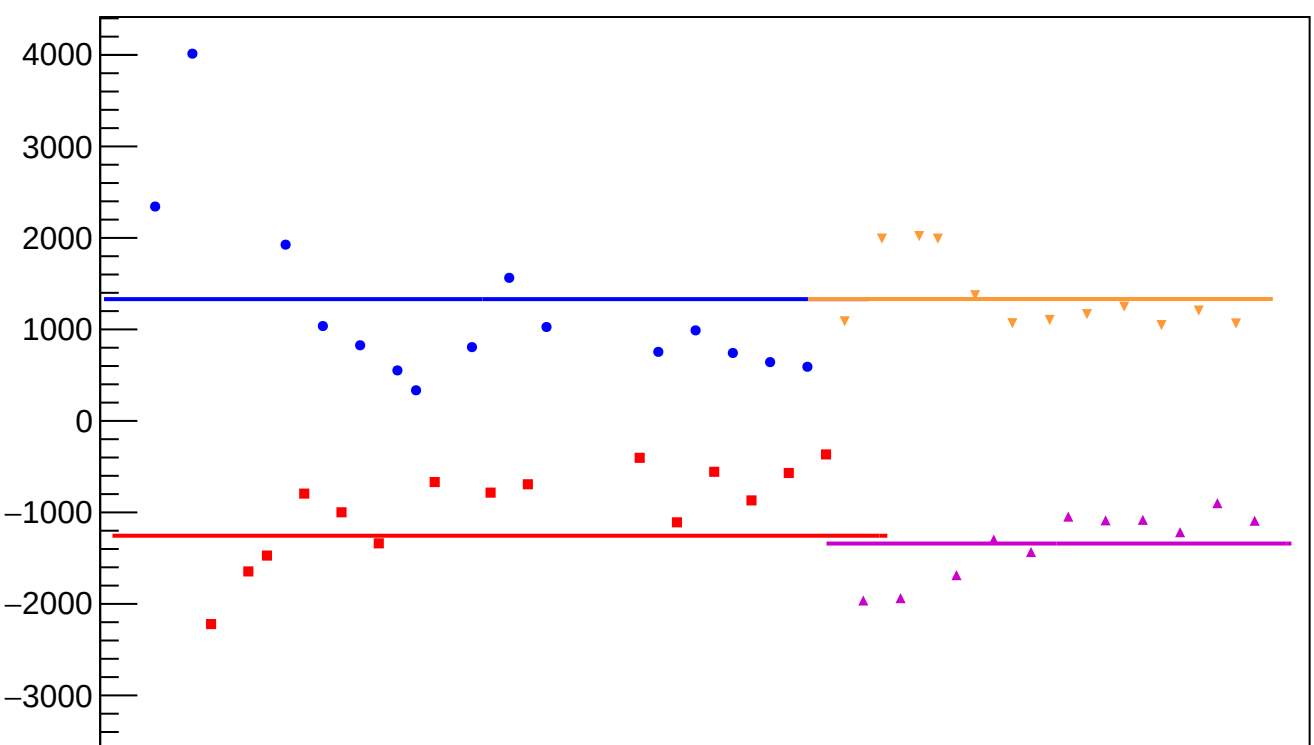
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25651.673+/-0.000 χ^2/NDF:10036256154988

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

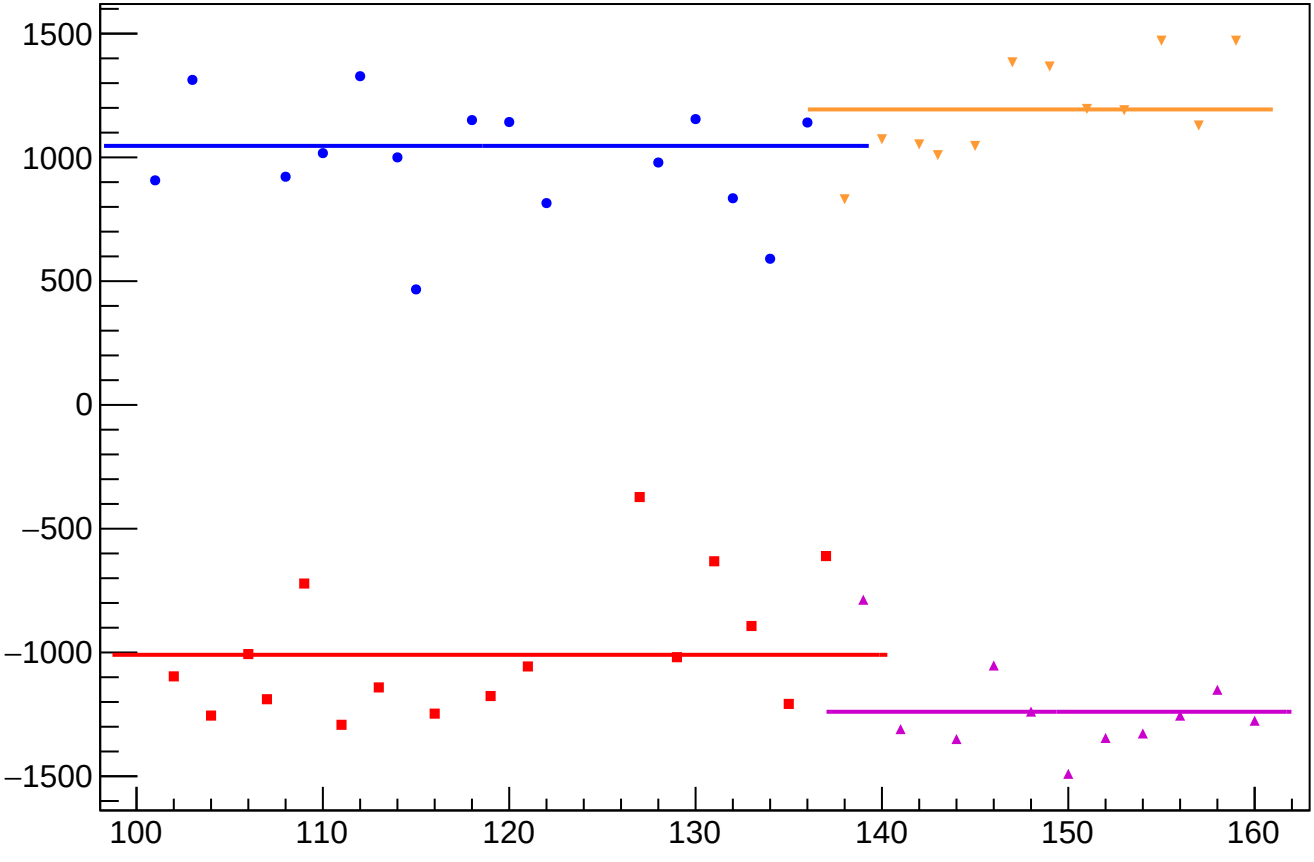
All: -824.008+/-0.000 χ^2/NDF: 23000264296

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



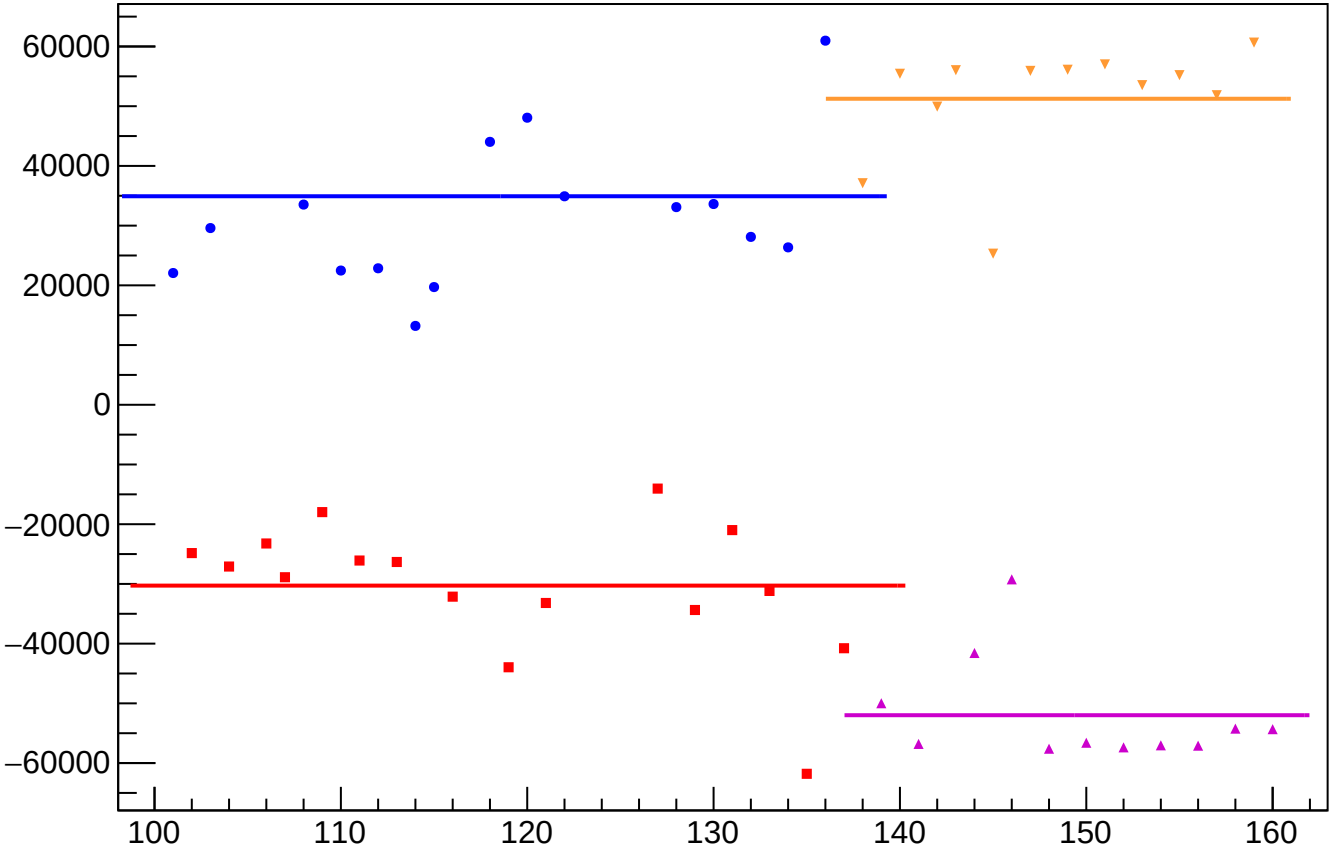
Left: -11.029+/-0.000 χ^2/NDF: 3514334276820303
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
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

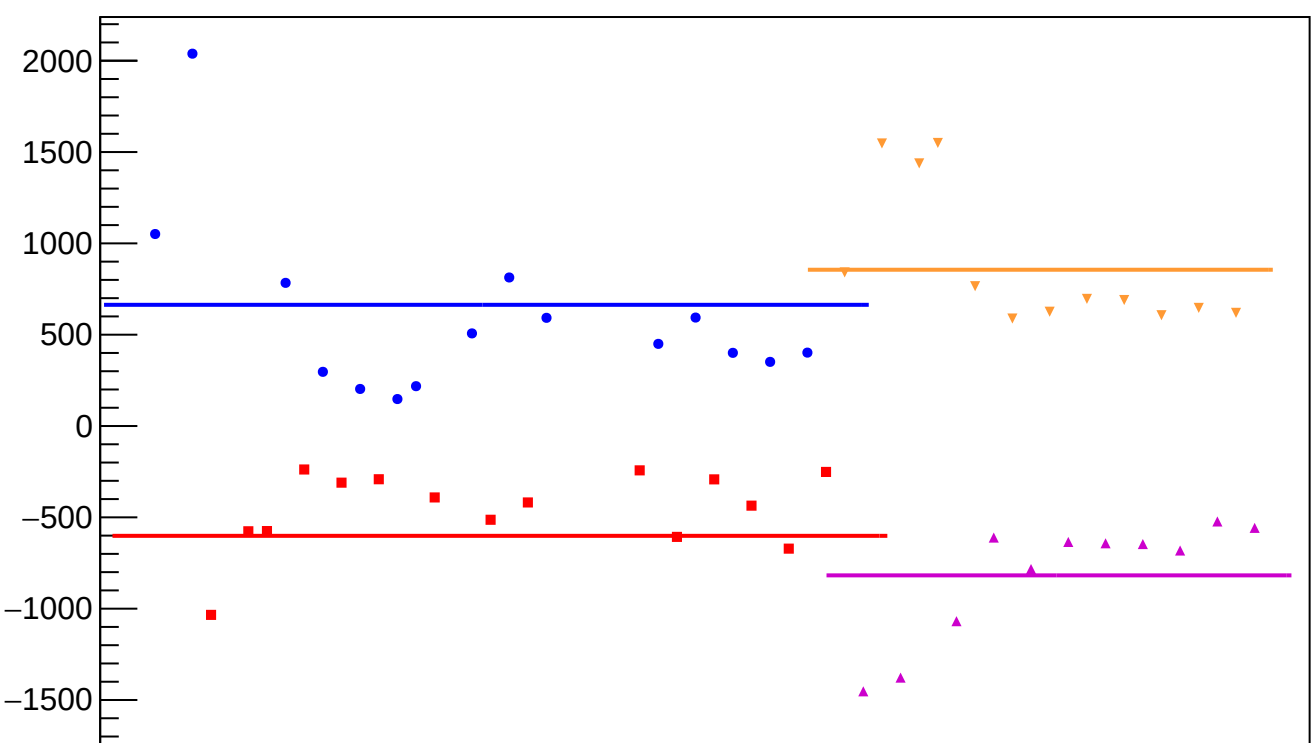
Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Out: 16850.740+/-0.000 χ^2/NDF:2737604183227 1

Left In: -51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

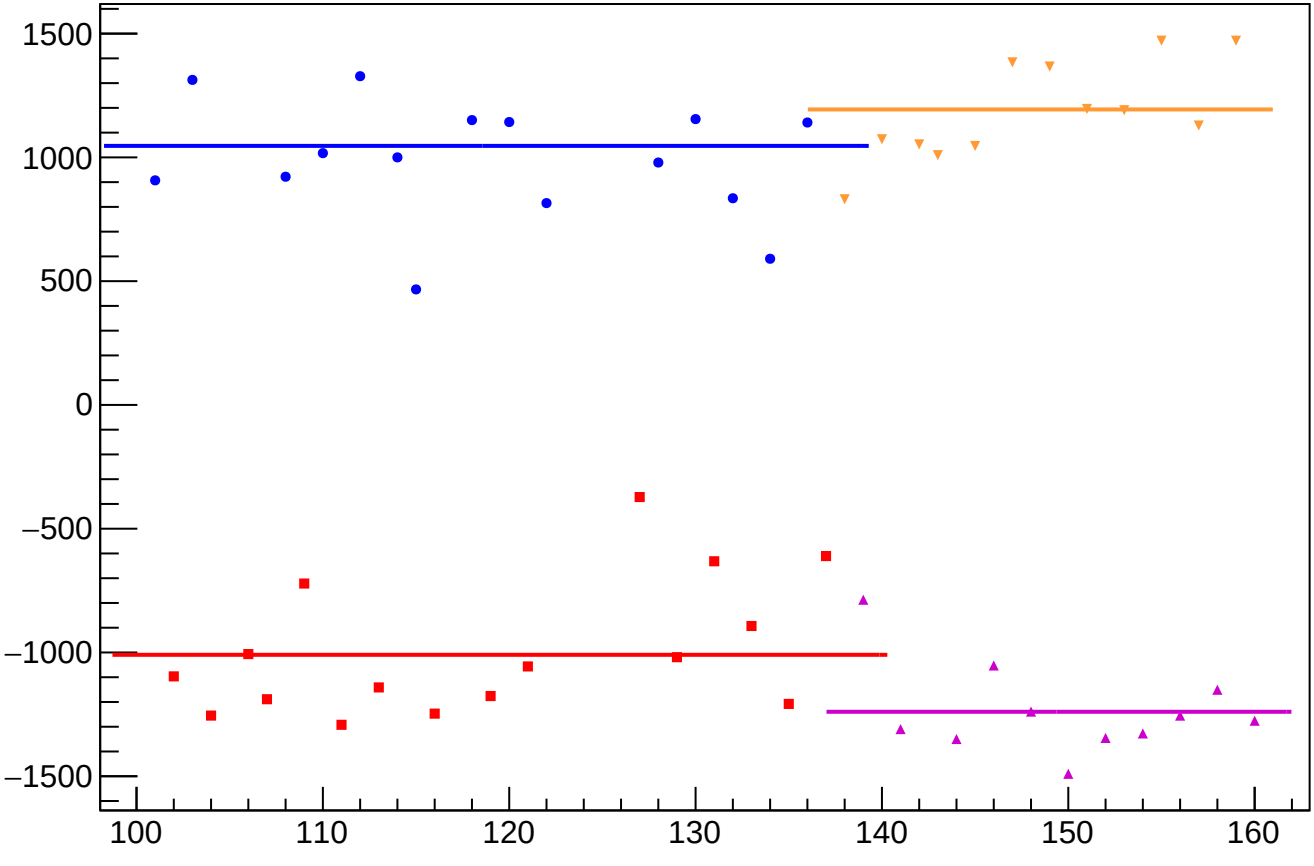
All: 402.483+/-0.000 χ^2/NDF: 66480467409 2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



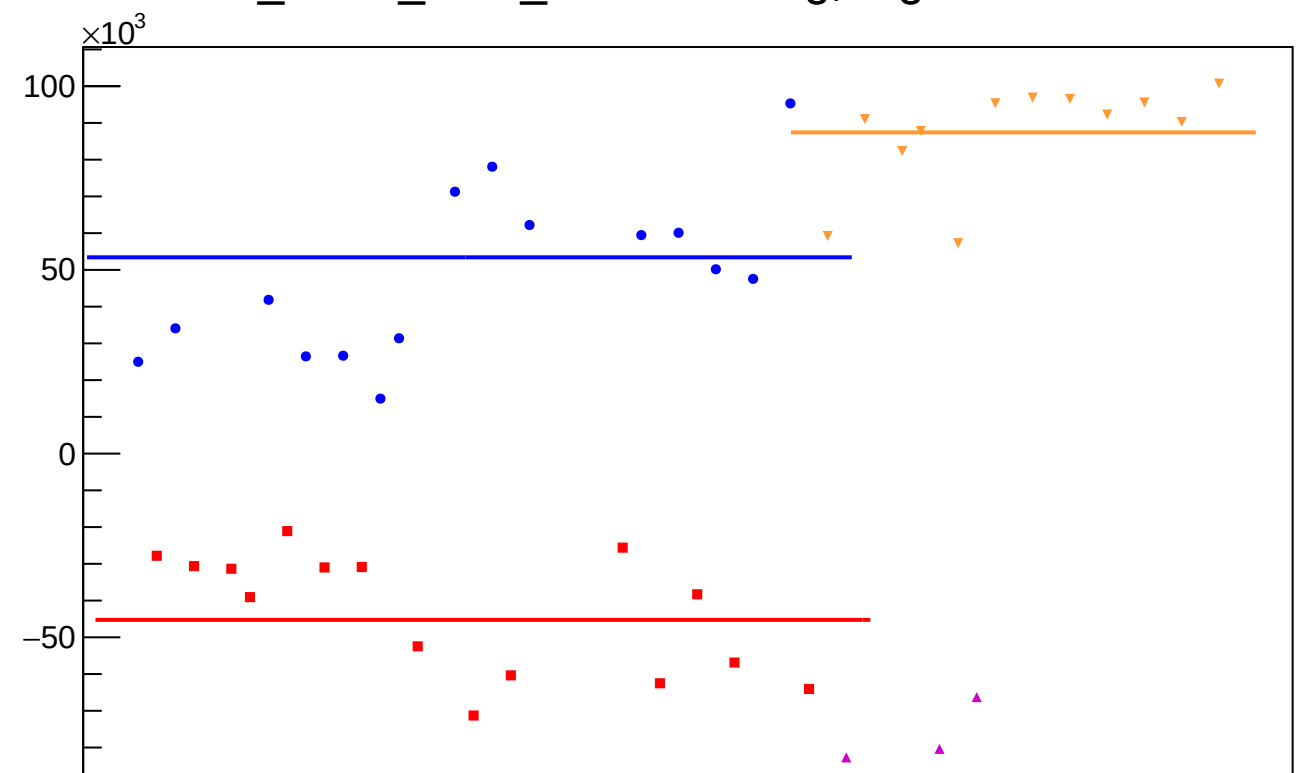
Left: 14.433+/-0.000 χ^2/NDF: 1491830780221848
Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
In: -206.520+/-0.000 χ^2/NDF:1084558135298016
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

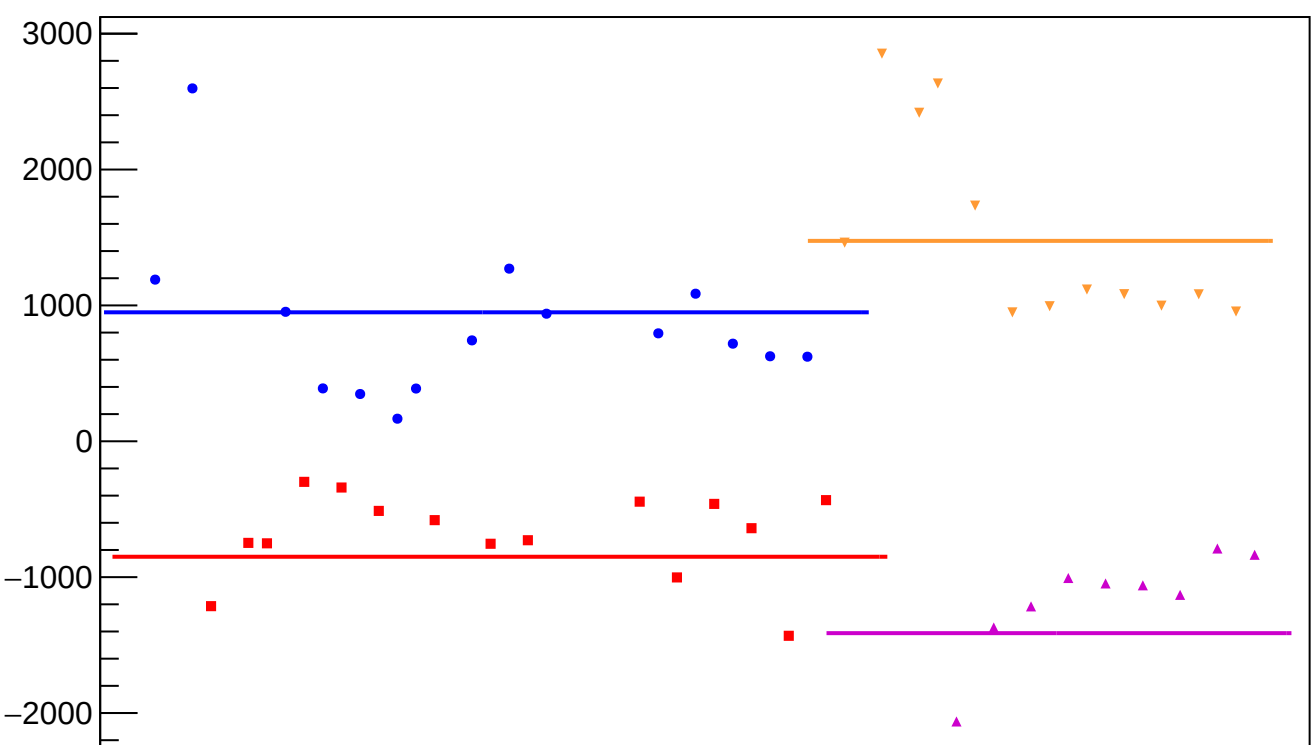
Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405547928576.0/15

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

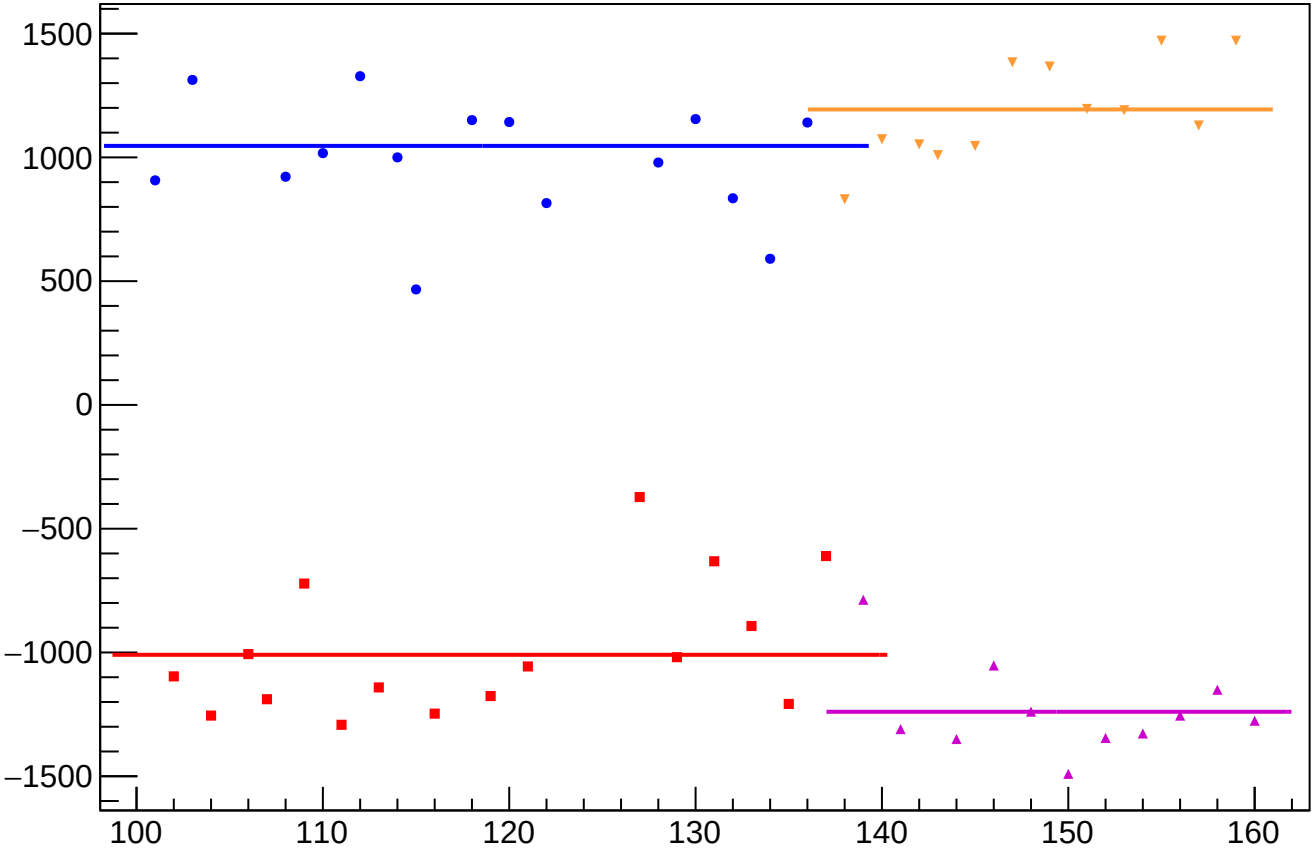
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

Out: 494.188+/-0.000 χ^2/NDF:2696503915470133

Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

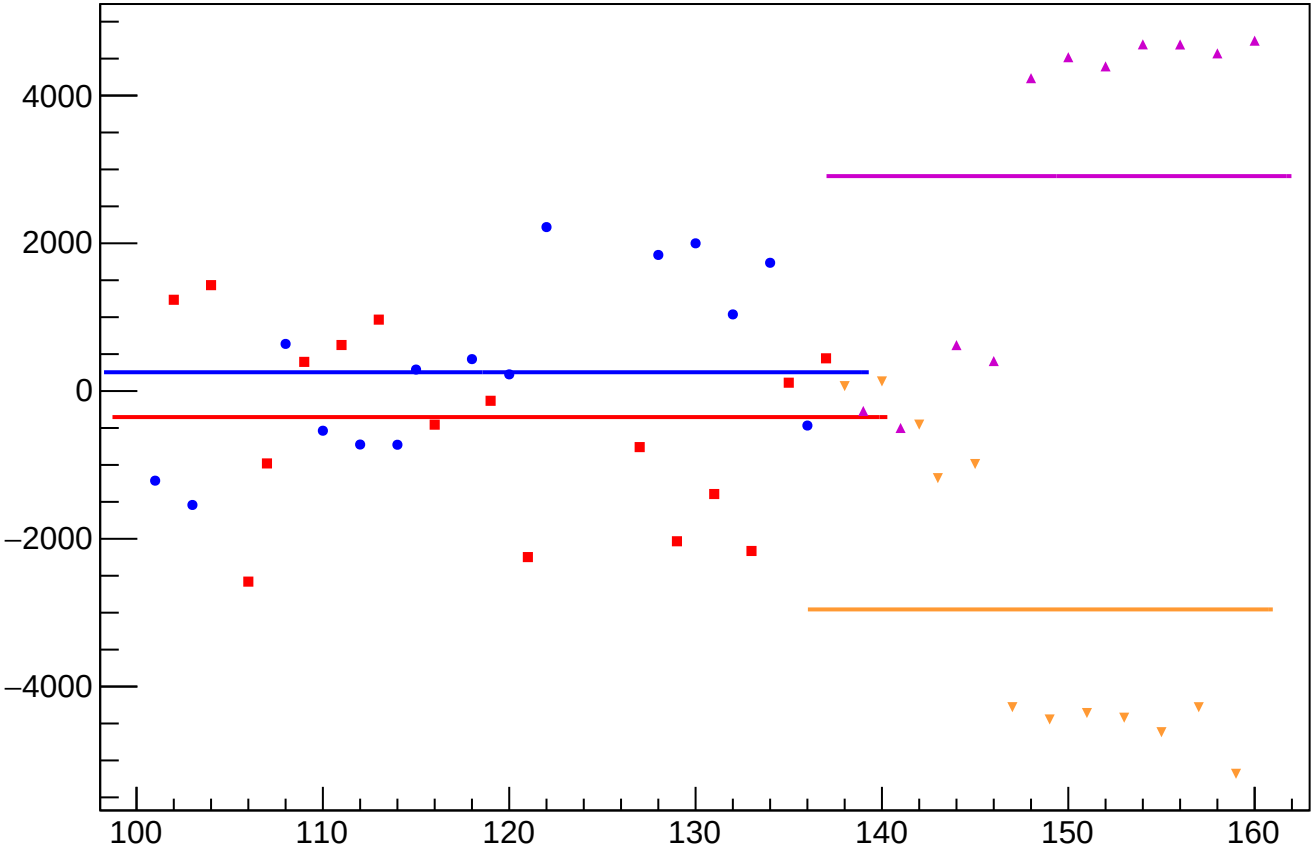
All: 29.322+/-0.000 χ^2/NDF: 6065565997163

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

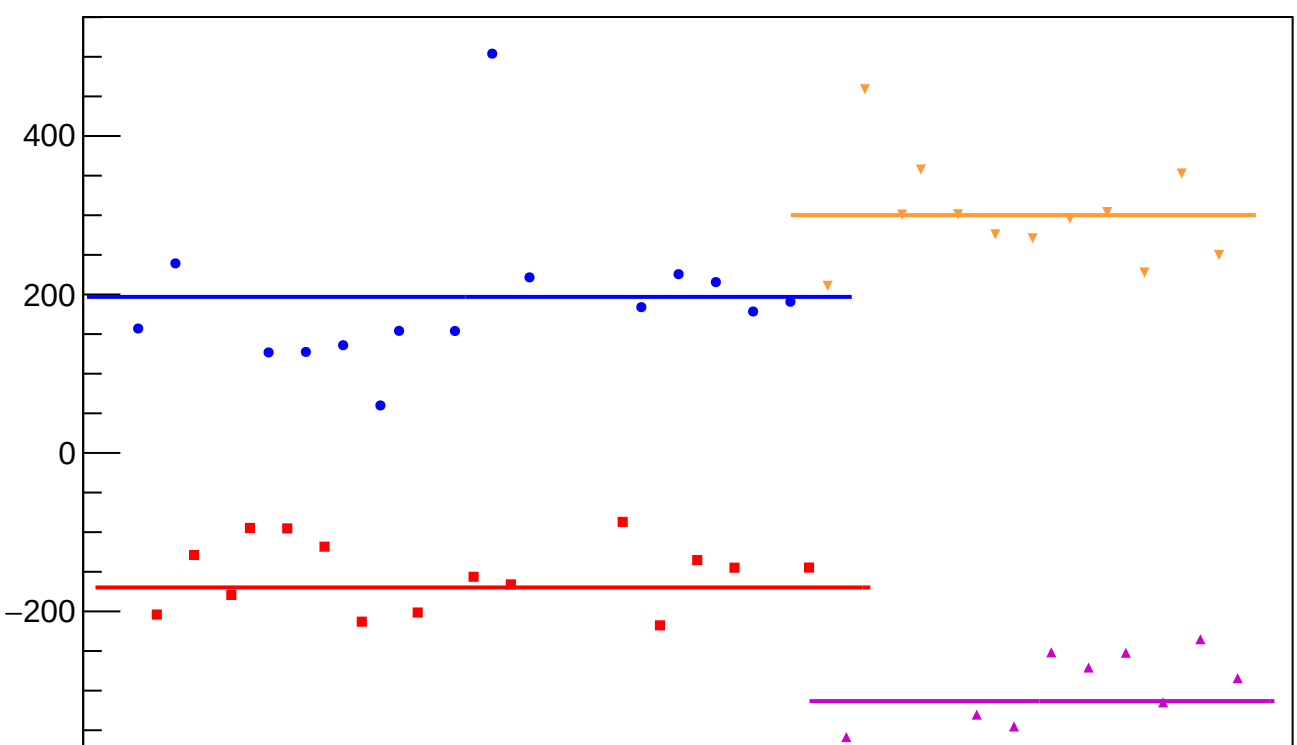
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

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

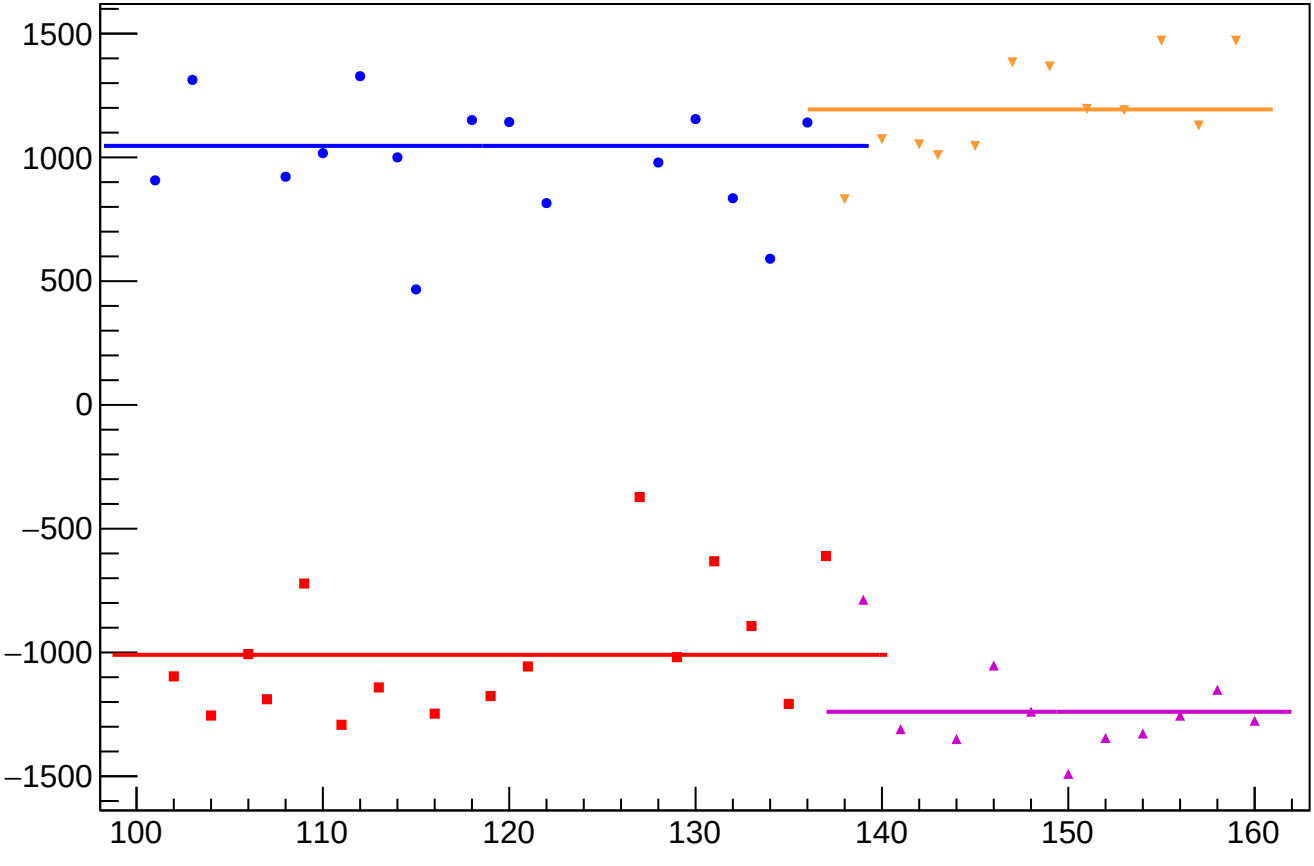
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 101.896+/-0.000 χ^2/NDF:929205168991504

Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10

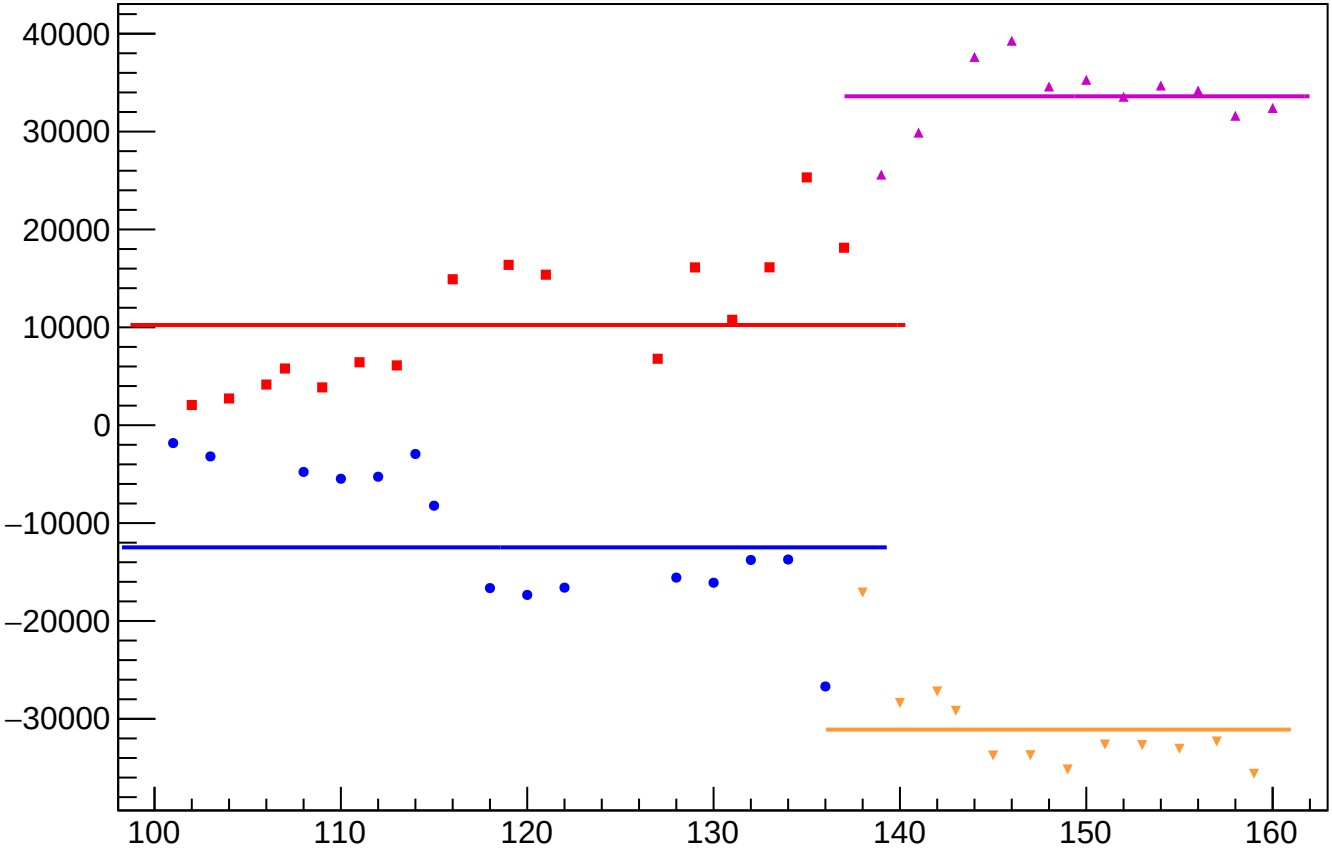
All: -0.159+/-0.000 χ^2/NDF: 2327307530740

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

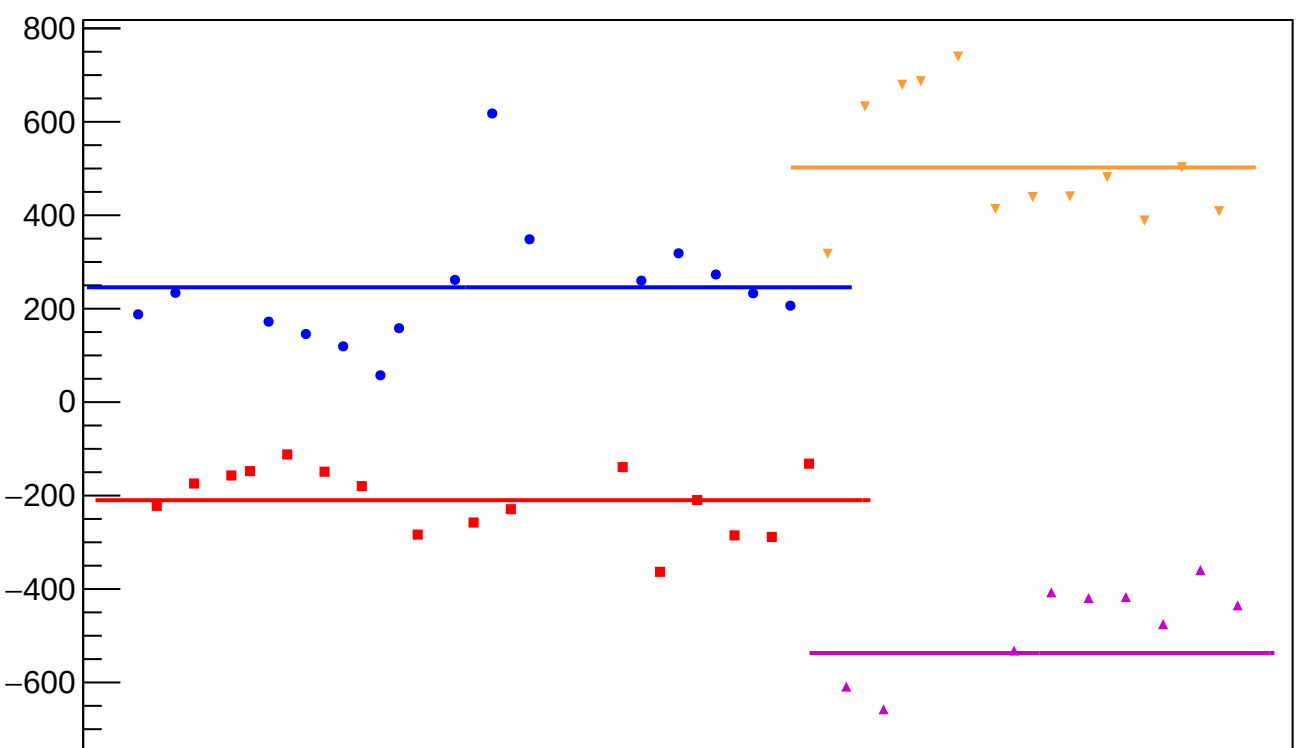
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

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

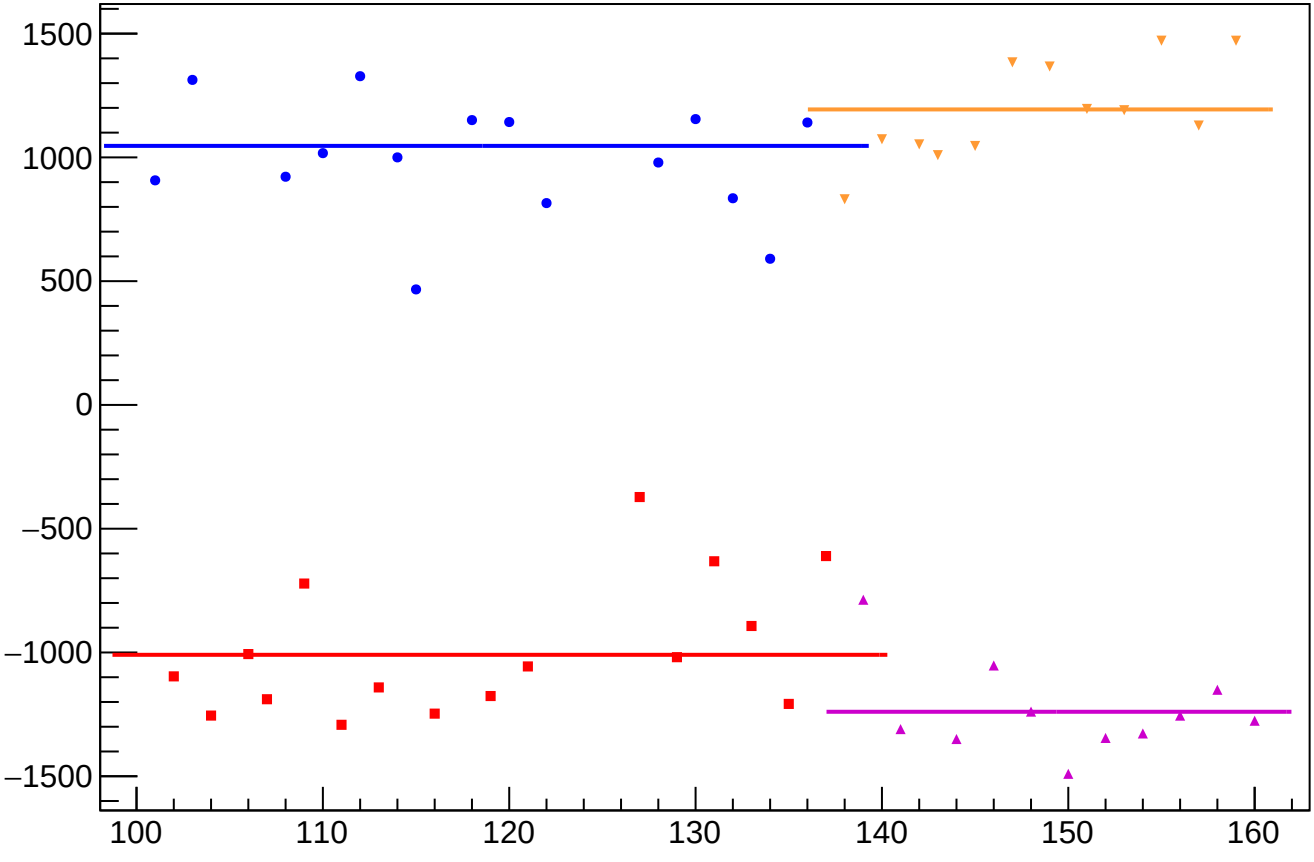
Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

Out: 201.895+/-0.000 χ^2/NDF:2139138372014608

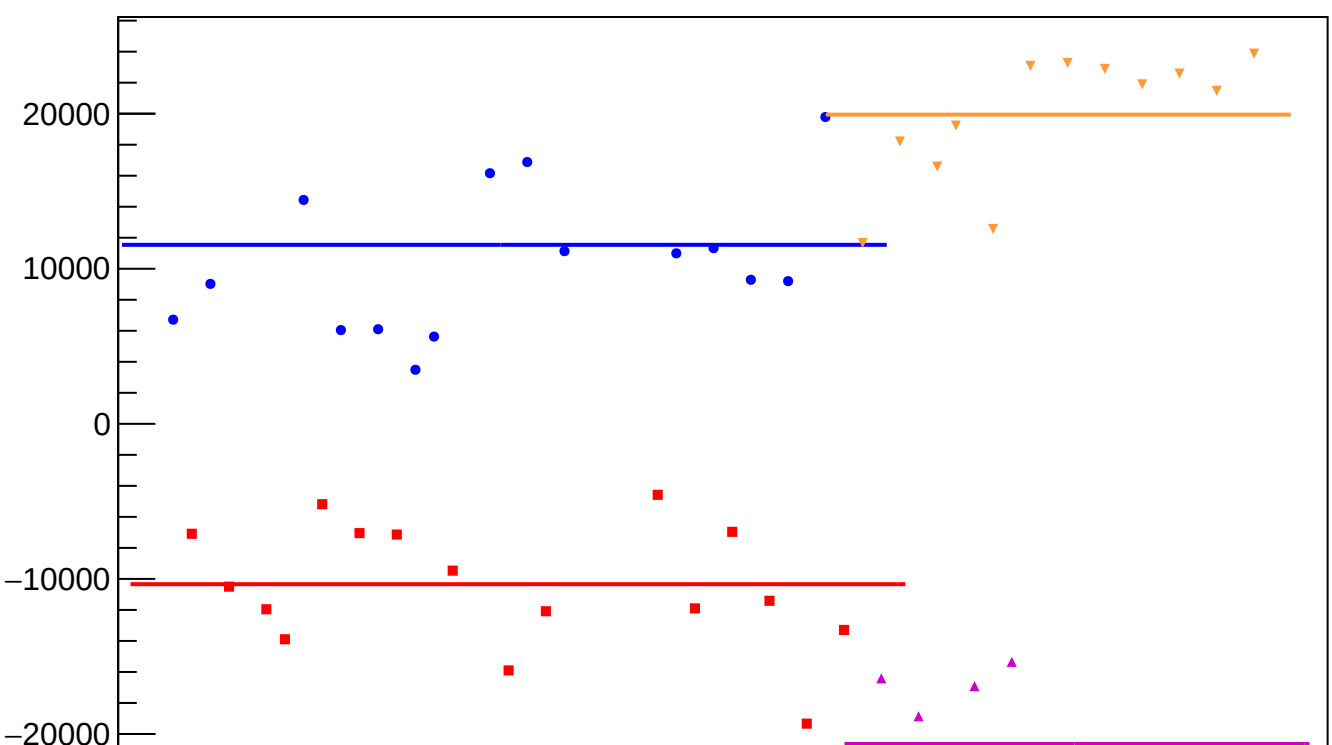
All: -5.524+/-0.000 χ^2/NDF: 6125424587177

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

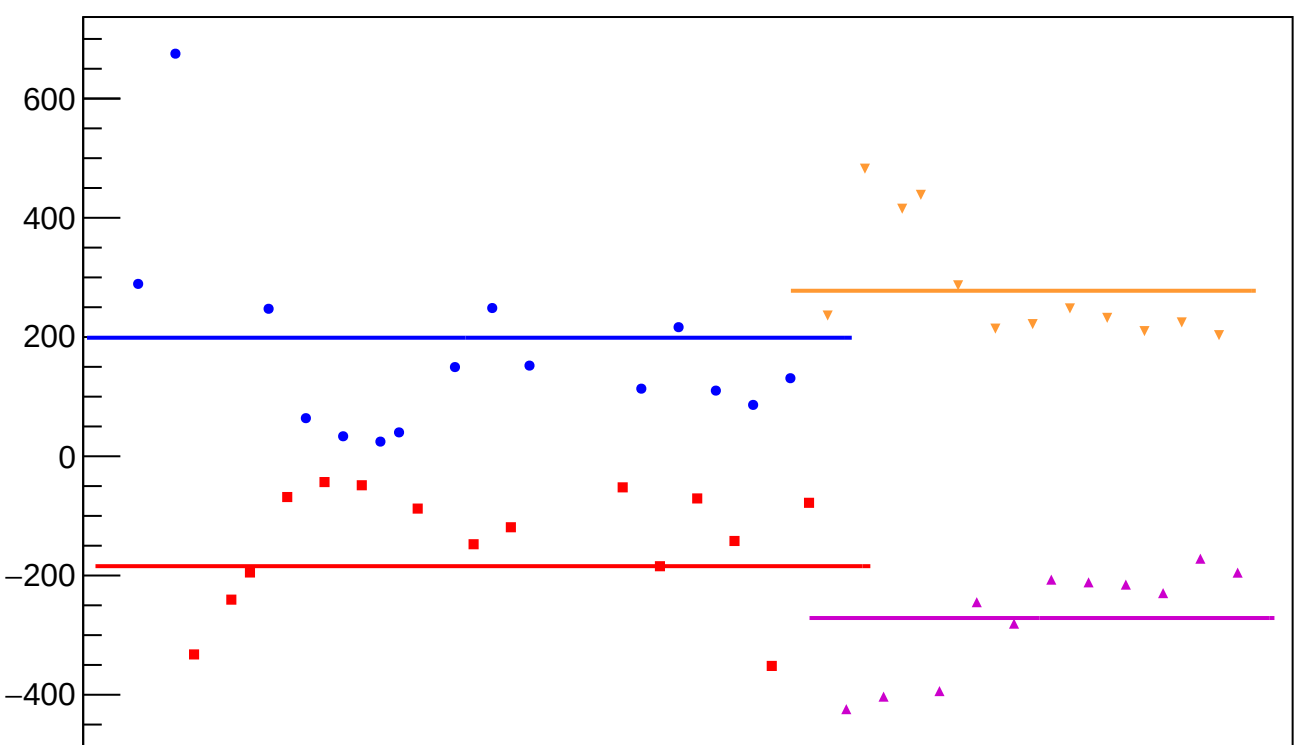
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7165.569+/-0.000 χ^2/NDF:37988973968207 7

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

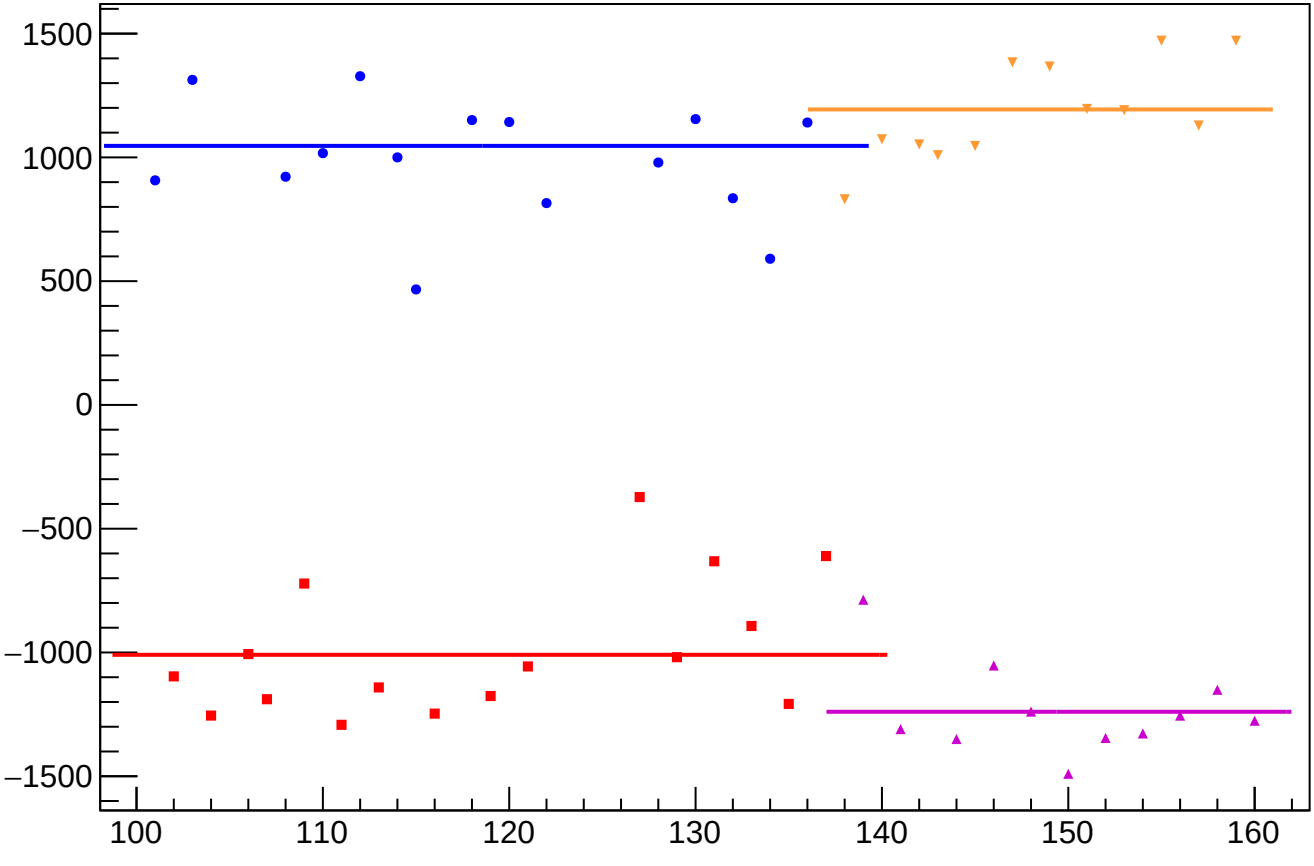
All: -81.261+/-0.000 χ^2/NDF: 964042806490

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



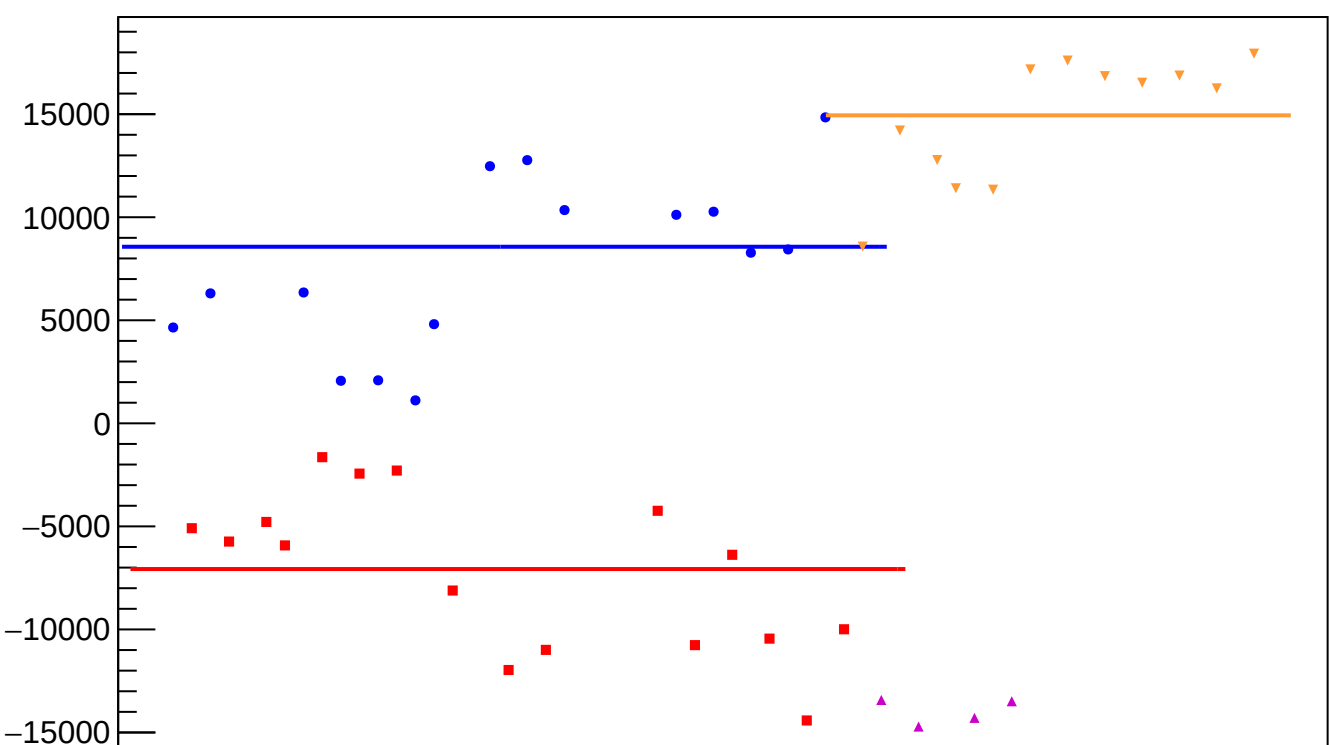
Left: 1.680+/-0.000 χ^2/NDF: 15360478630290122
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 277.638+/-0.000 χ^2/NDF:80386137058904862279846888470143303 68.0/11
In: -77.317+/-0.000 χ^2/NDF:10971103033492192
Right 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



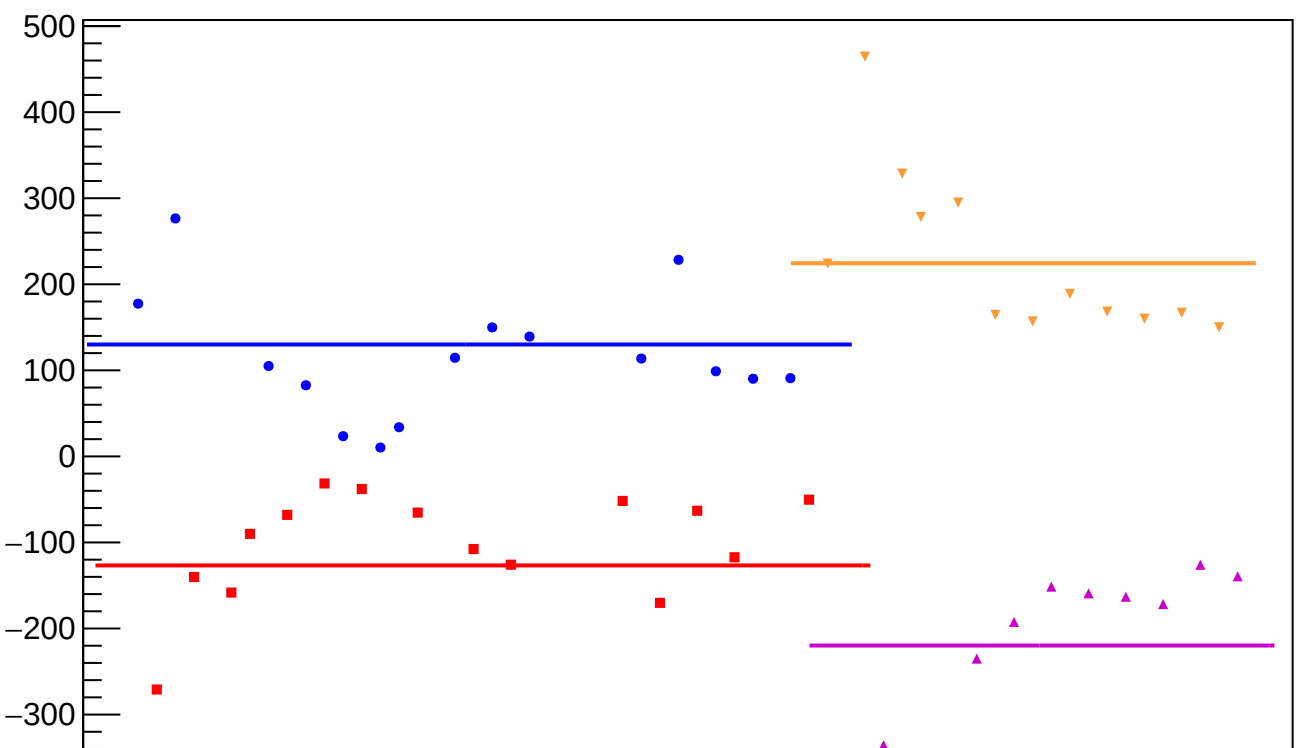
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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



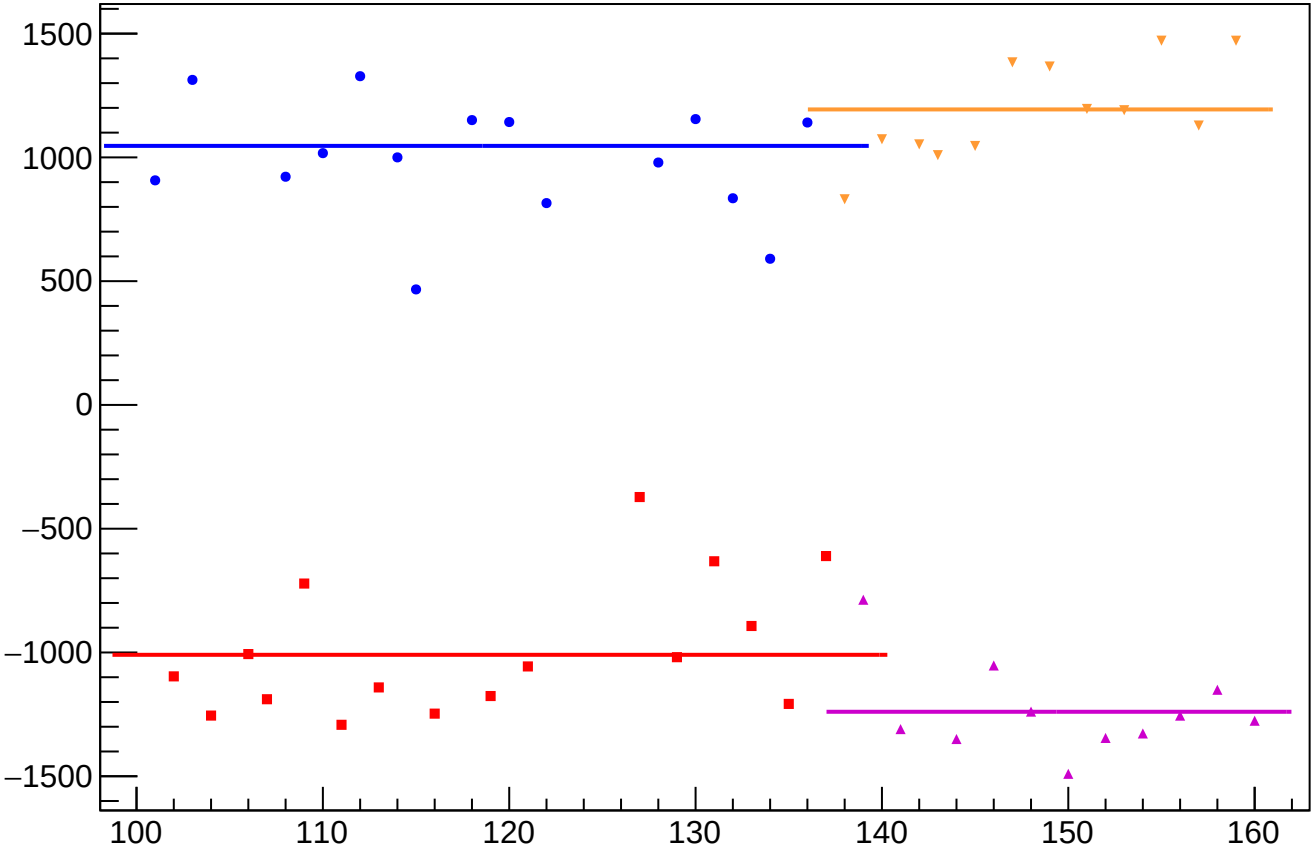
Left: -606.081+/-0.000 χ^2/NDF: 449973748621365
Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14
Right: 642.005+/-0.000 χ^2/NDF: 101620430321781
Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11
In: -5856.261+/-0.000 χ^2/NDF:243442912299638
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



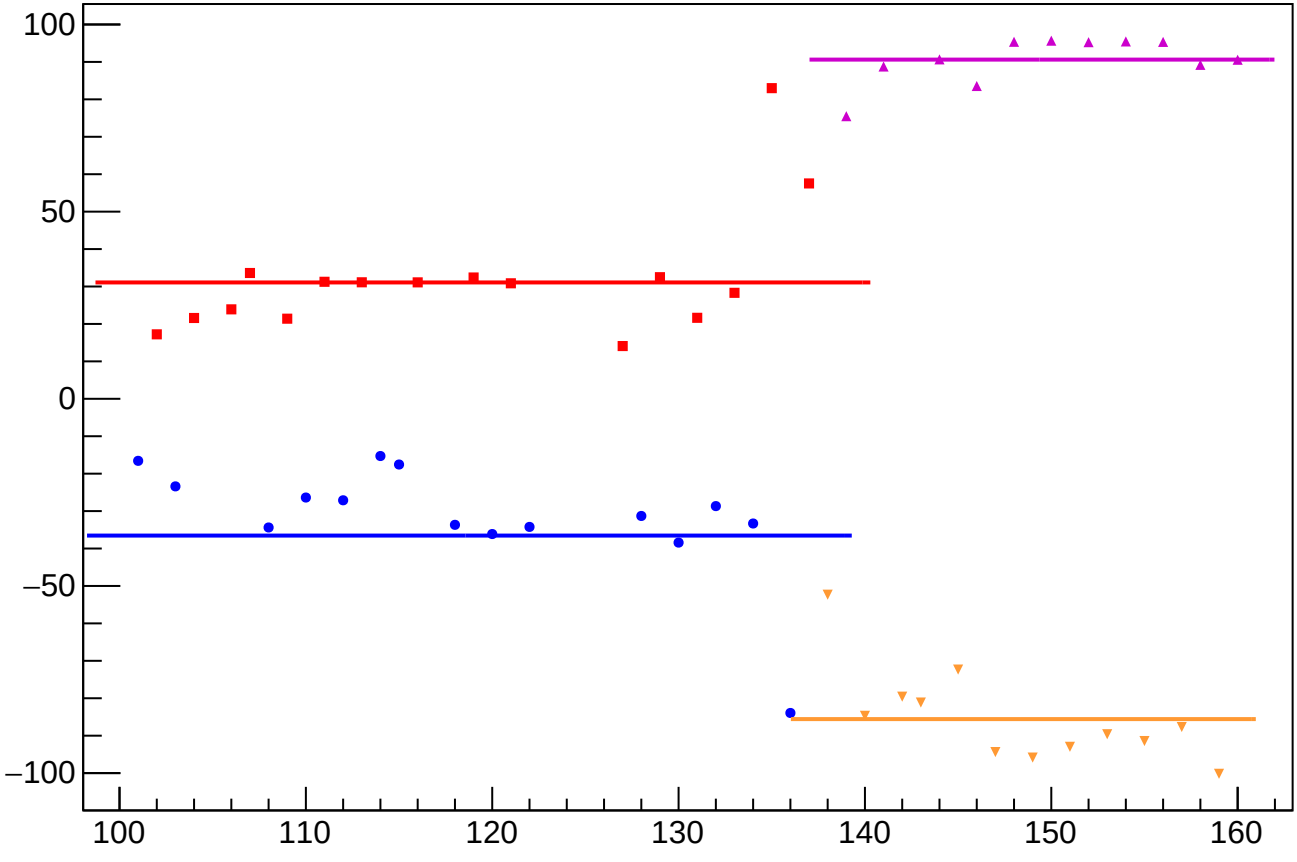
Left: 1.127+/-0.000 χ^2/NDF: 10597011405923870
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14
Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835
Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11
In: -75.461+/-0.000 χ^2/NDF:5718321474532916
Right 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



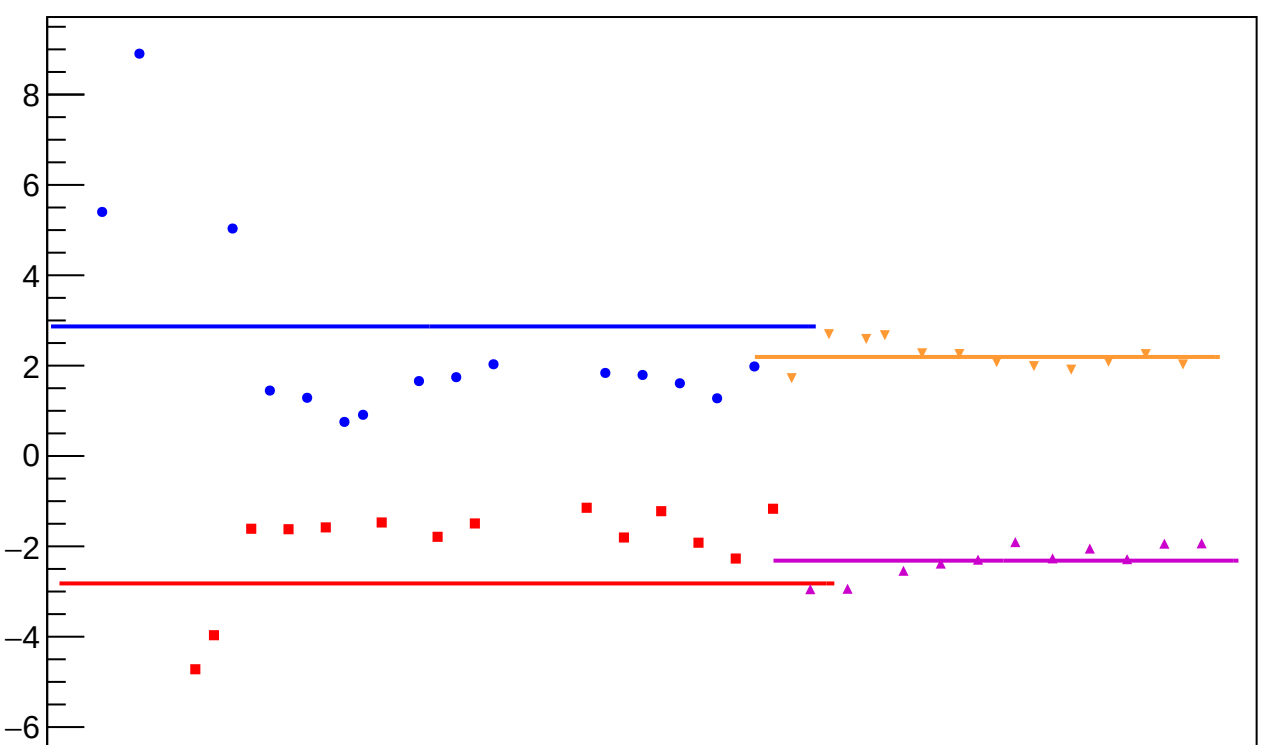
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
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

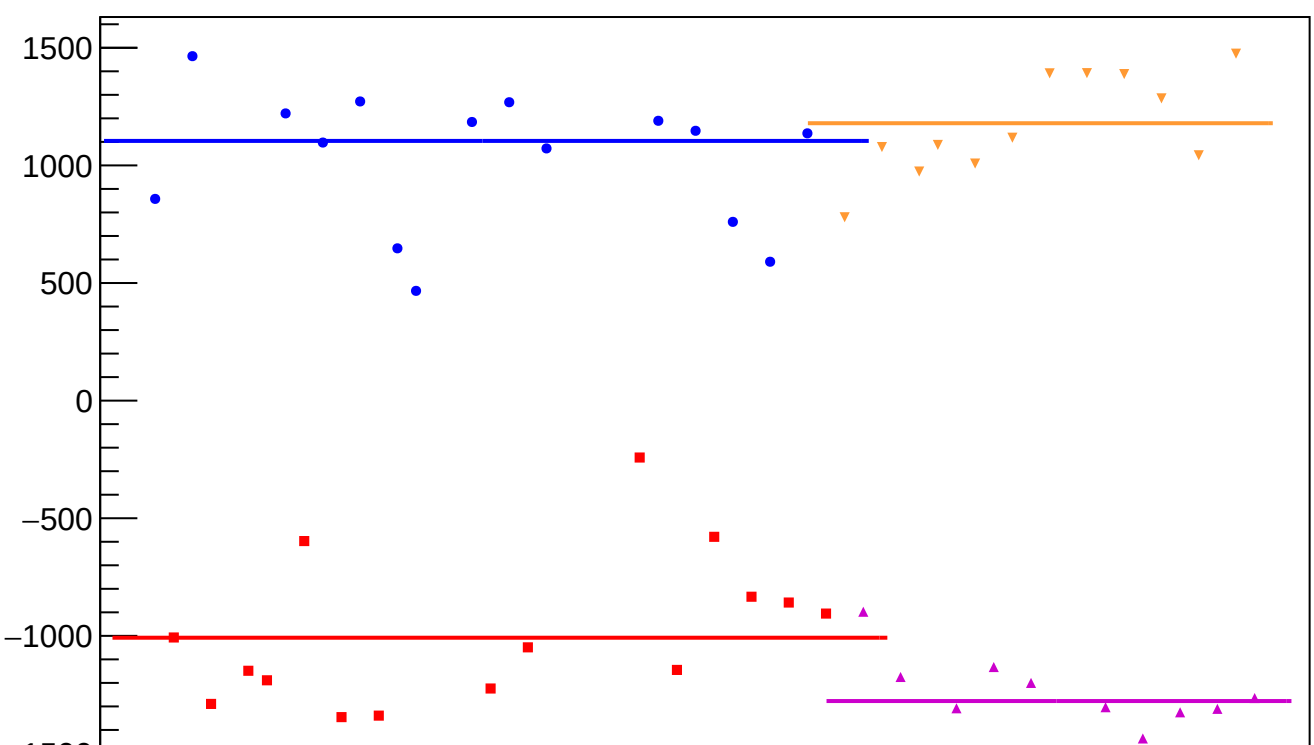
Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

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

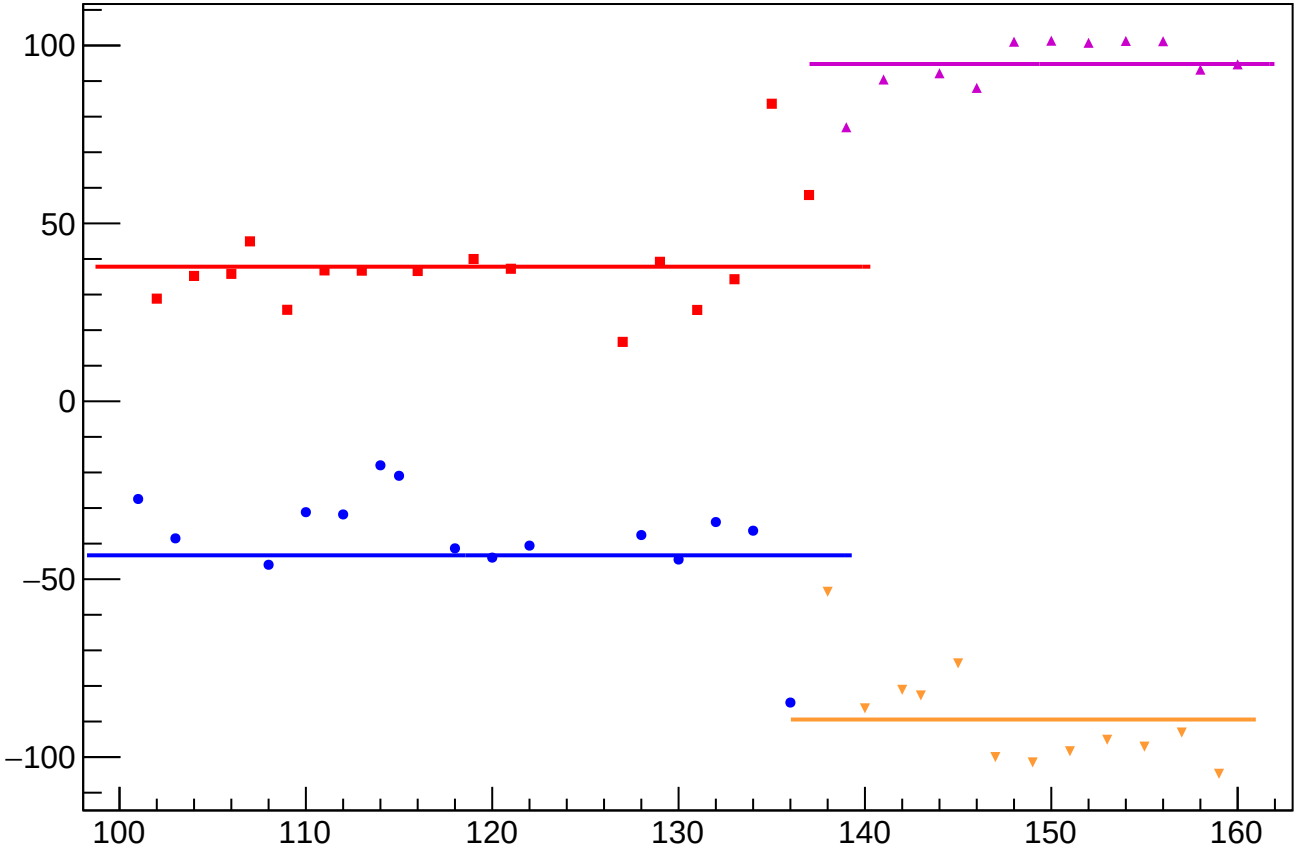
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

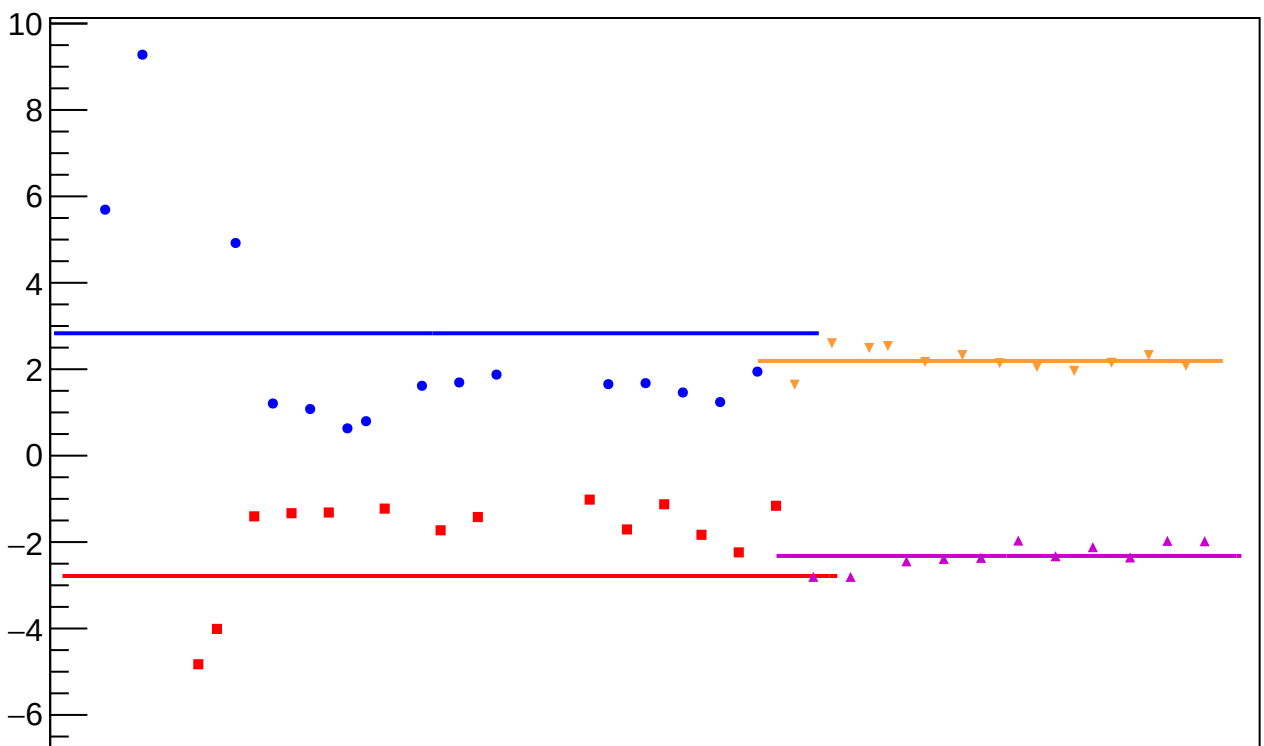
Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

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

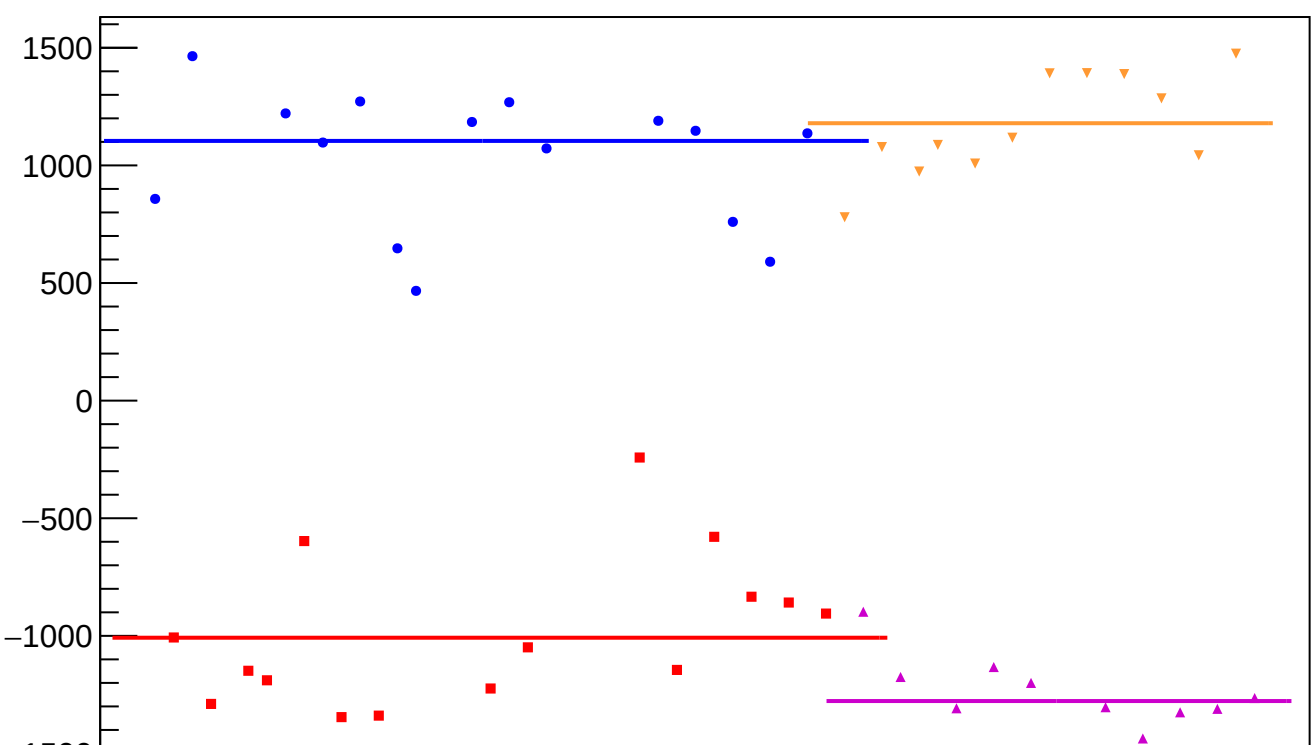
Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

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

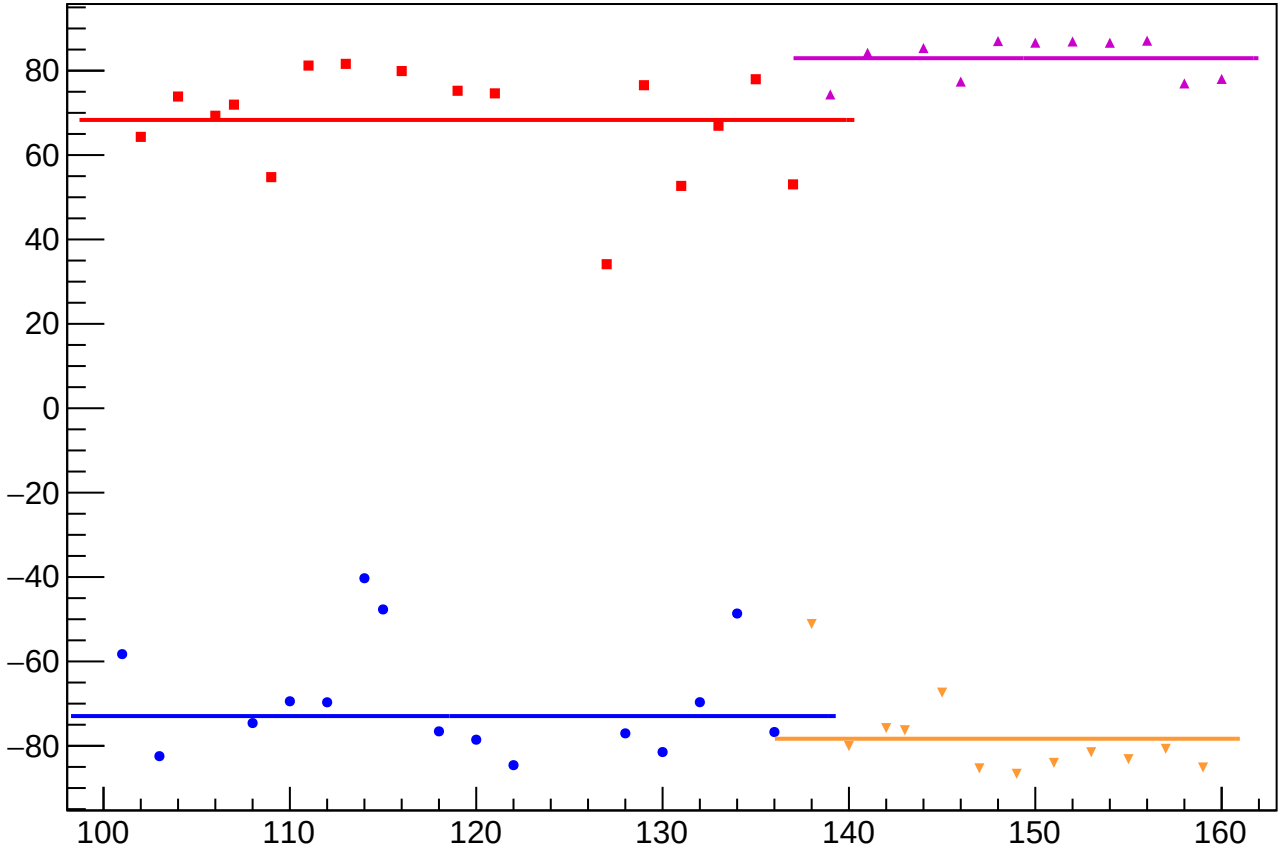
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

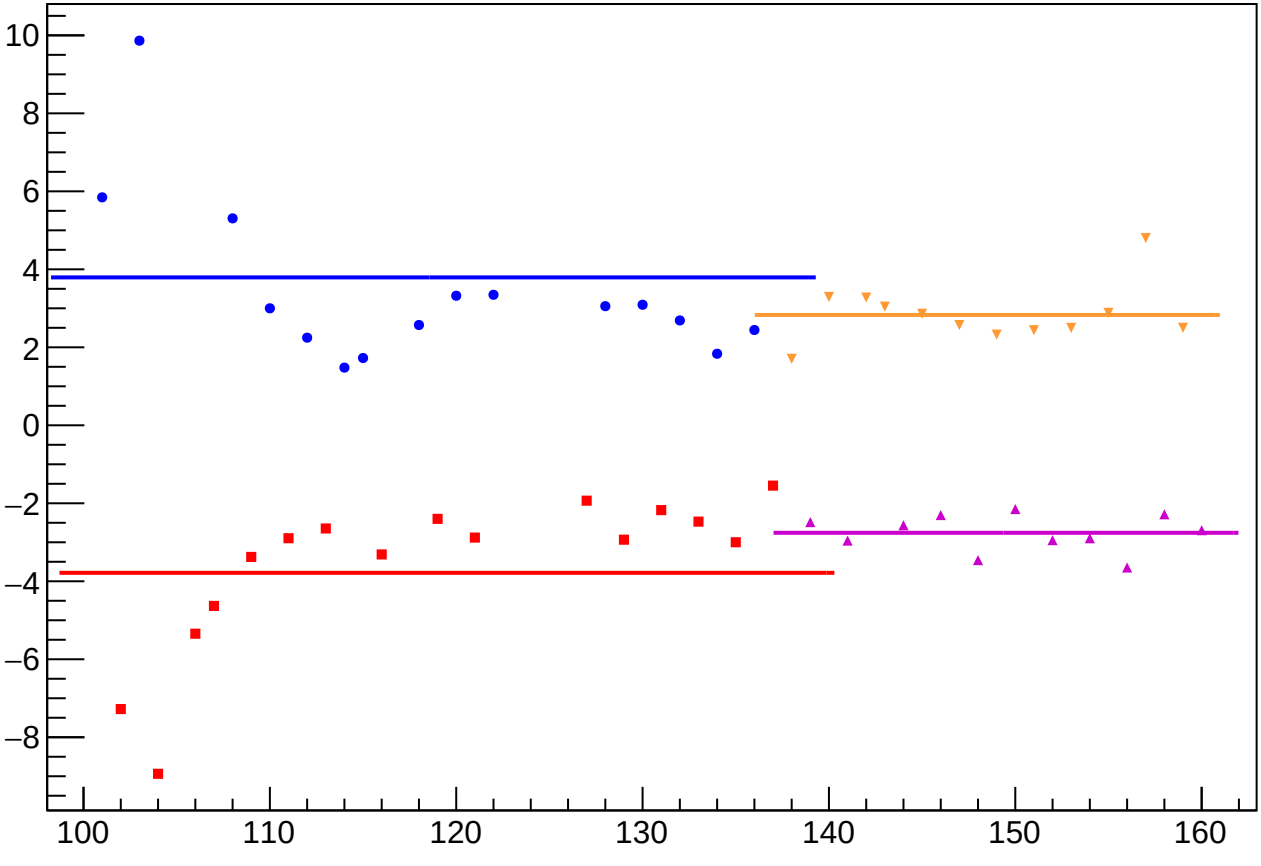
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

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

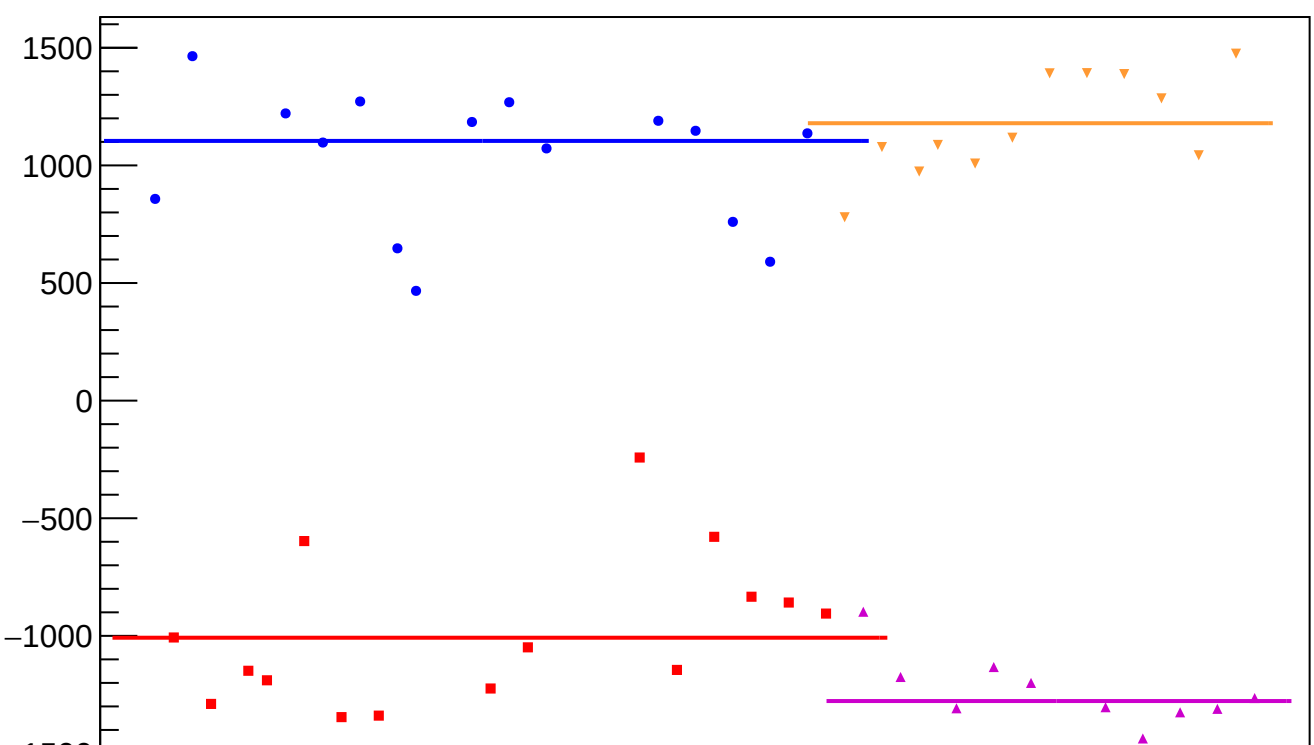
Right Out: -3.783+/-0.000 χ^2/NDF: 28785866221926766544523387553710 08.0/15

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

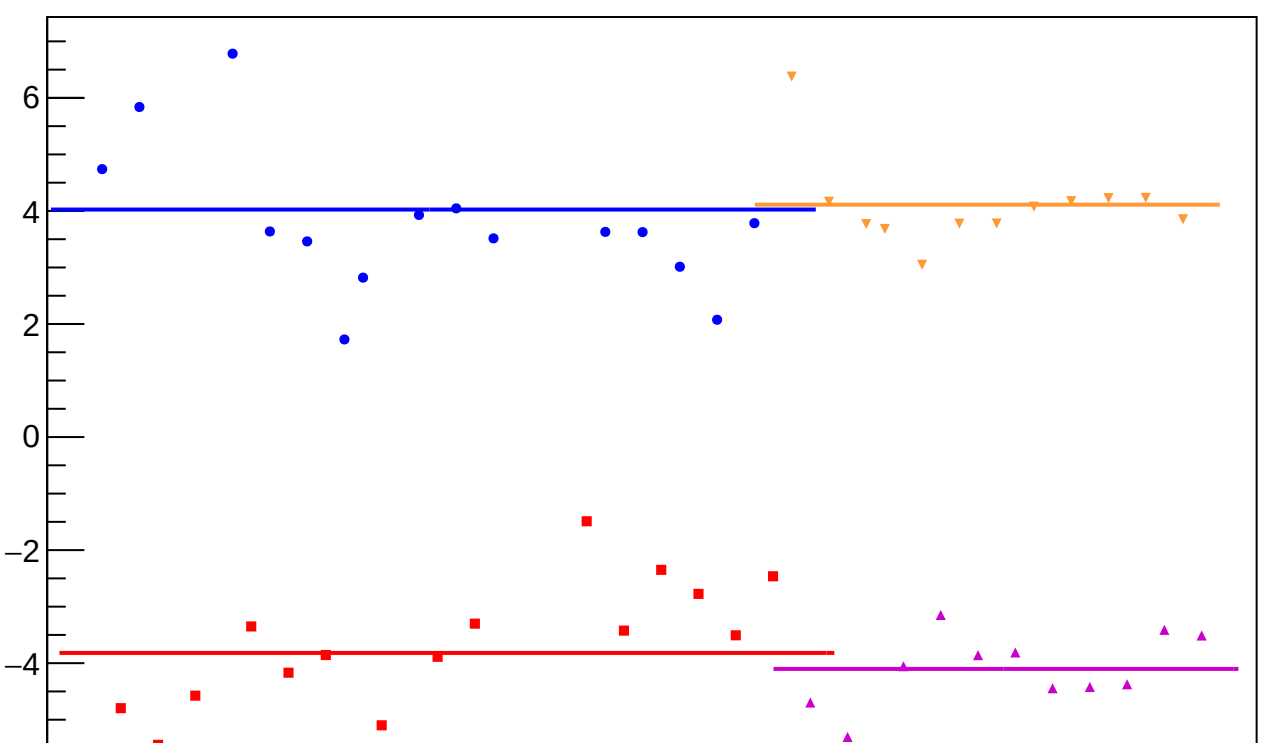
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

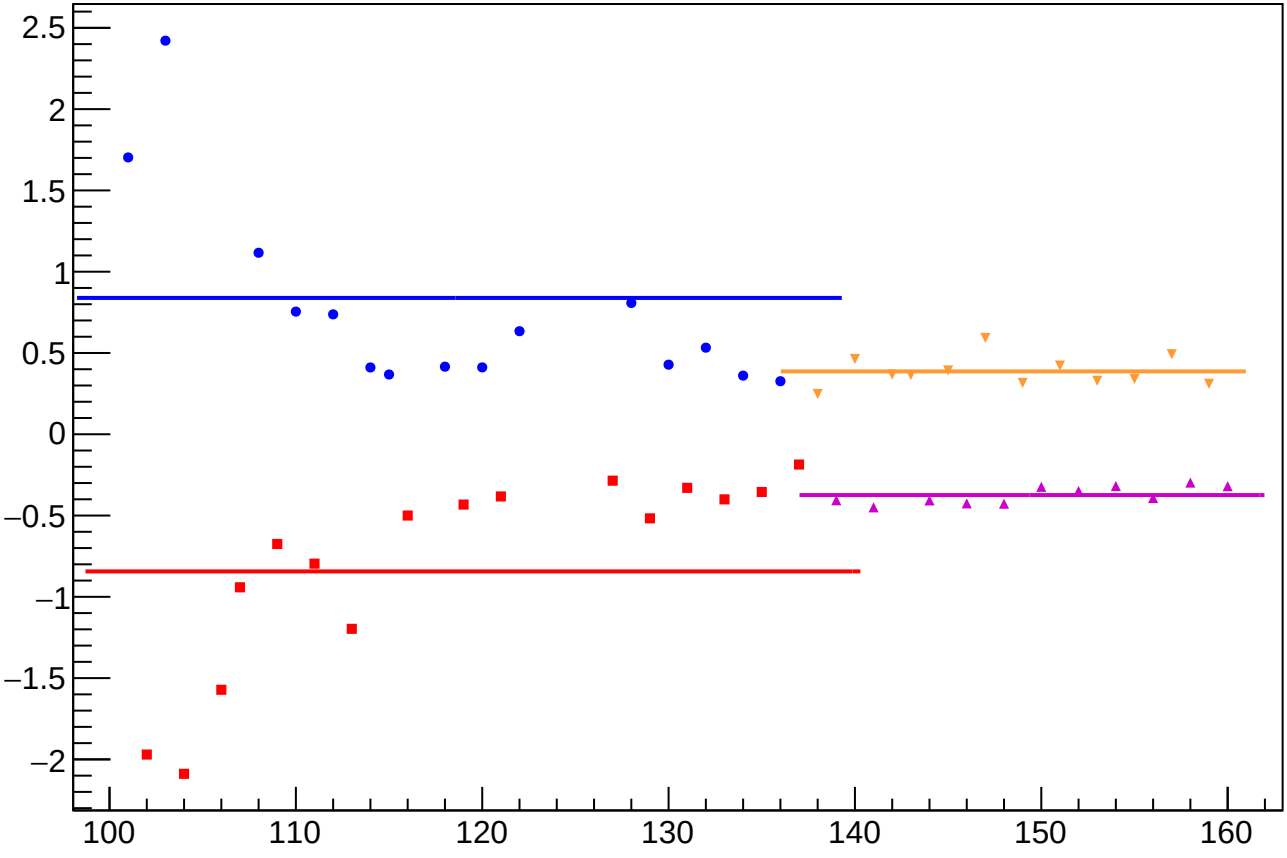
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.766+/-0.000 χ^2/NDF:25666157664453877 9

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

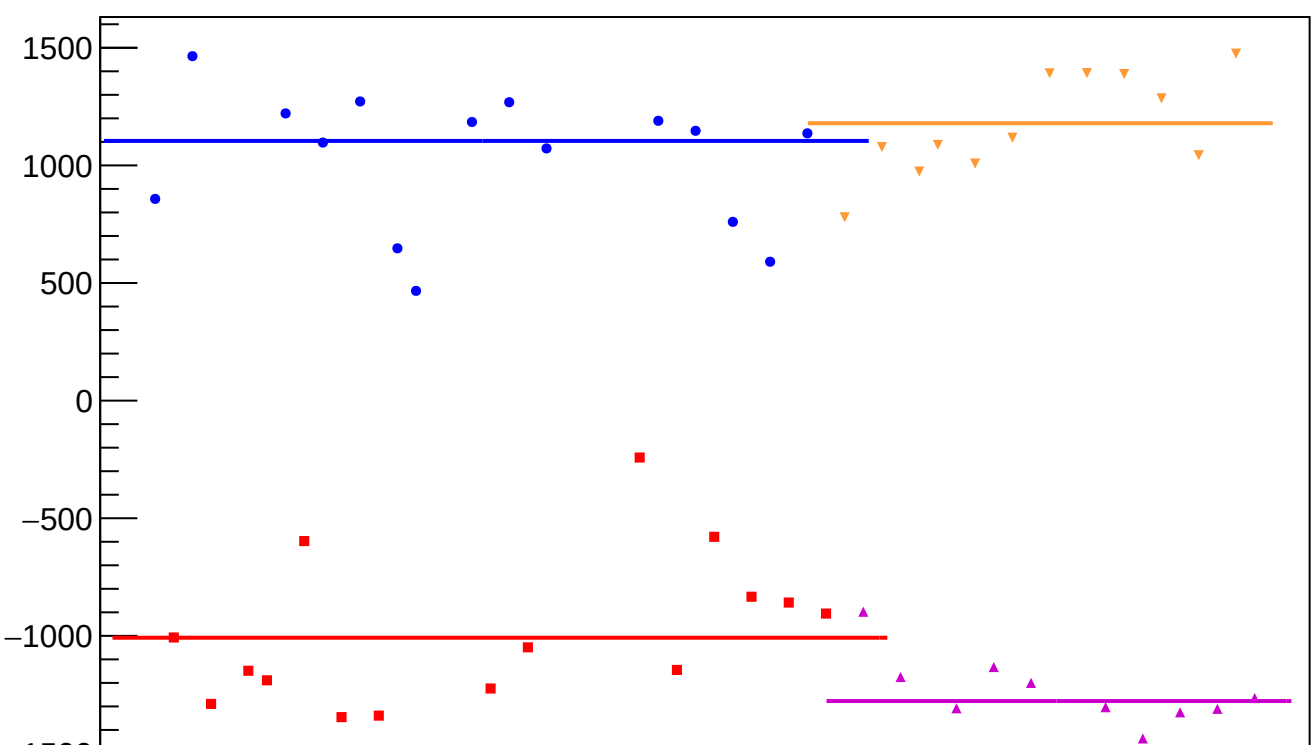
All: 0.010+/-0.000 χ^2/NDF: 5374982991435 4

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

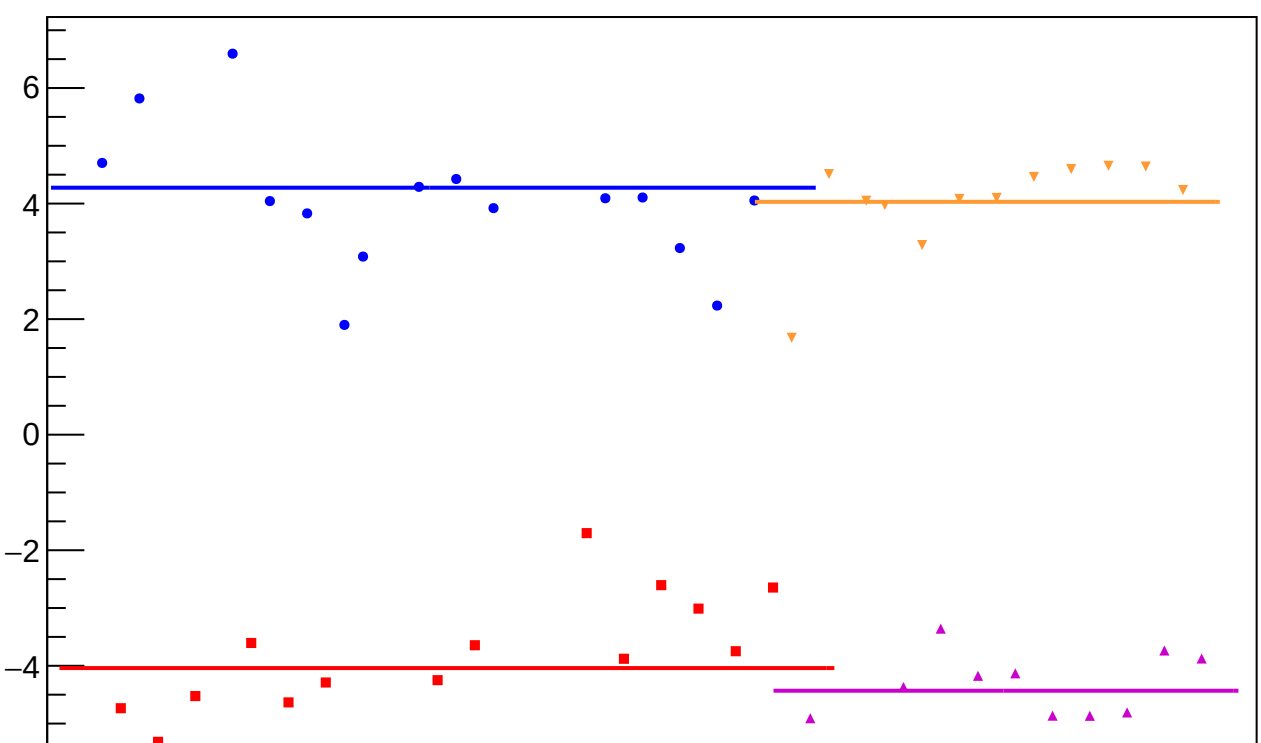
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

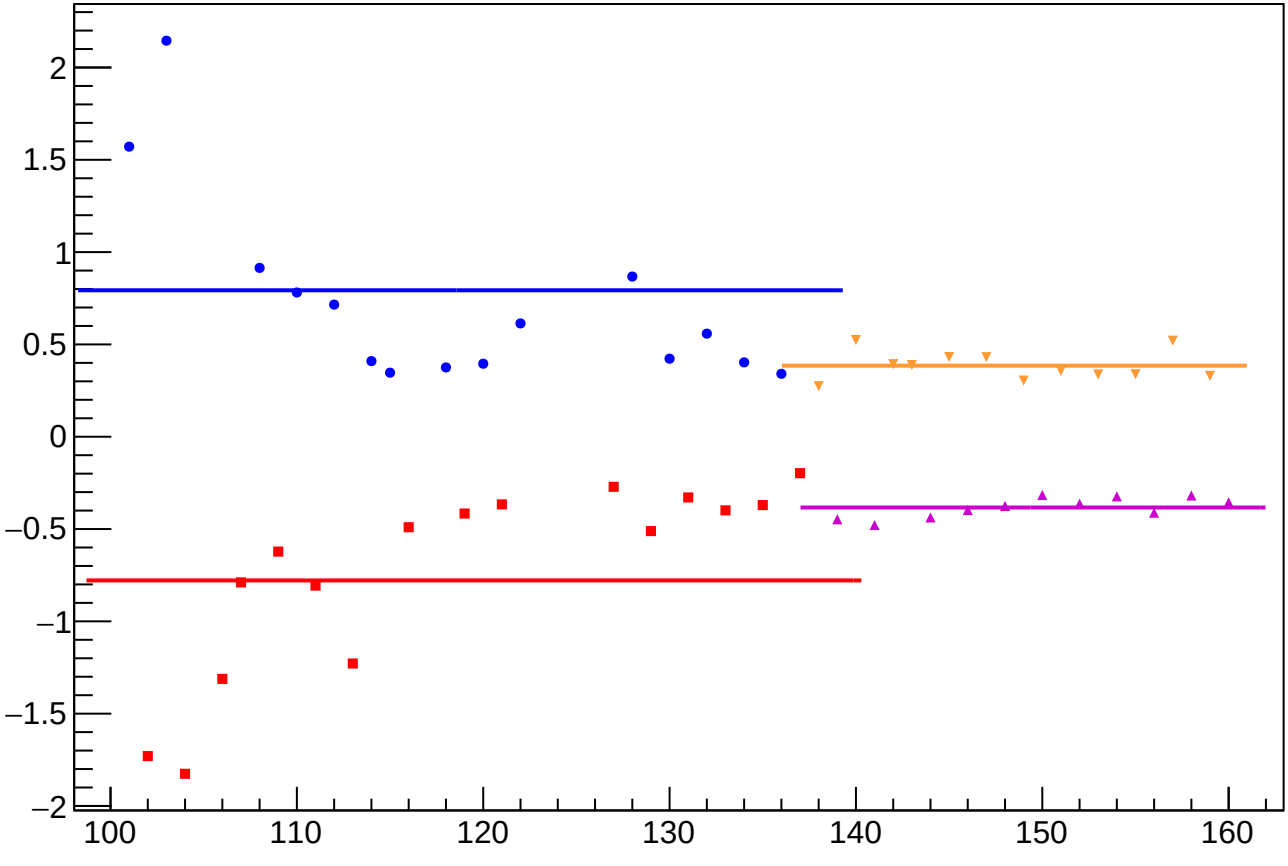
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

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

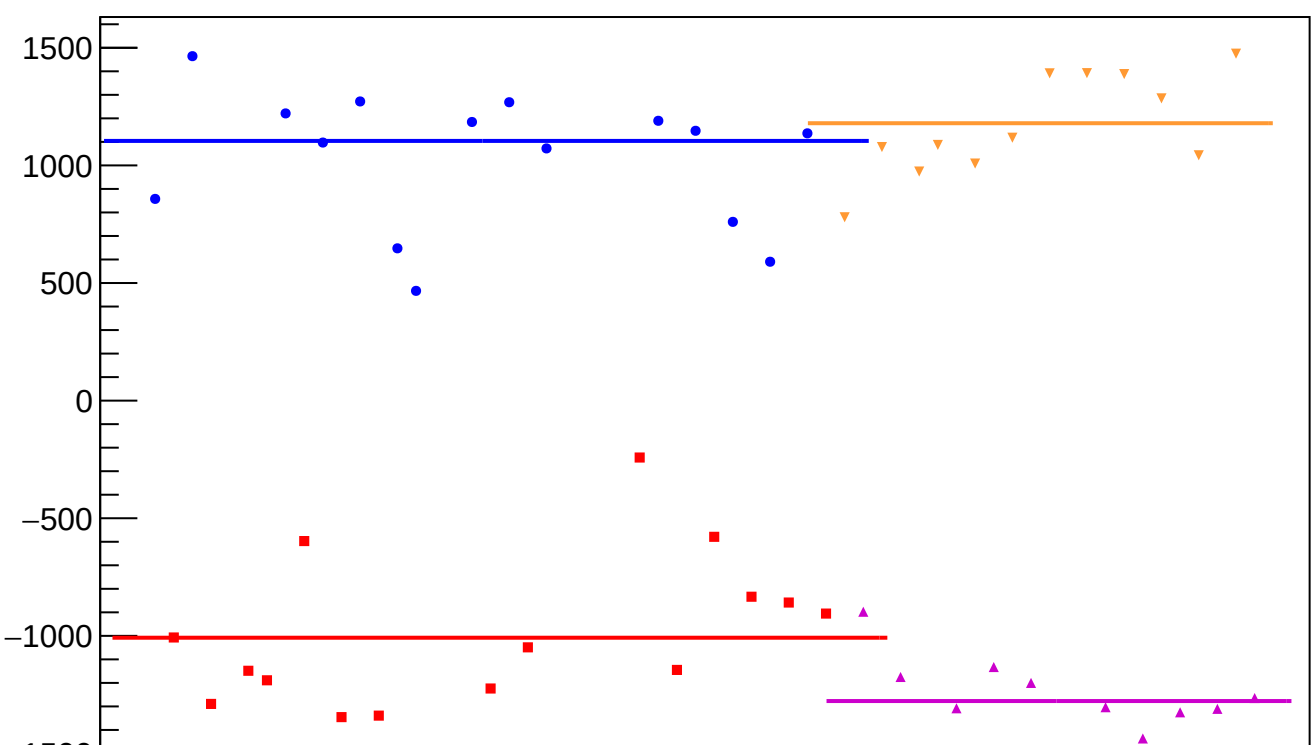
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

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

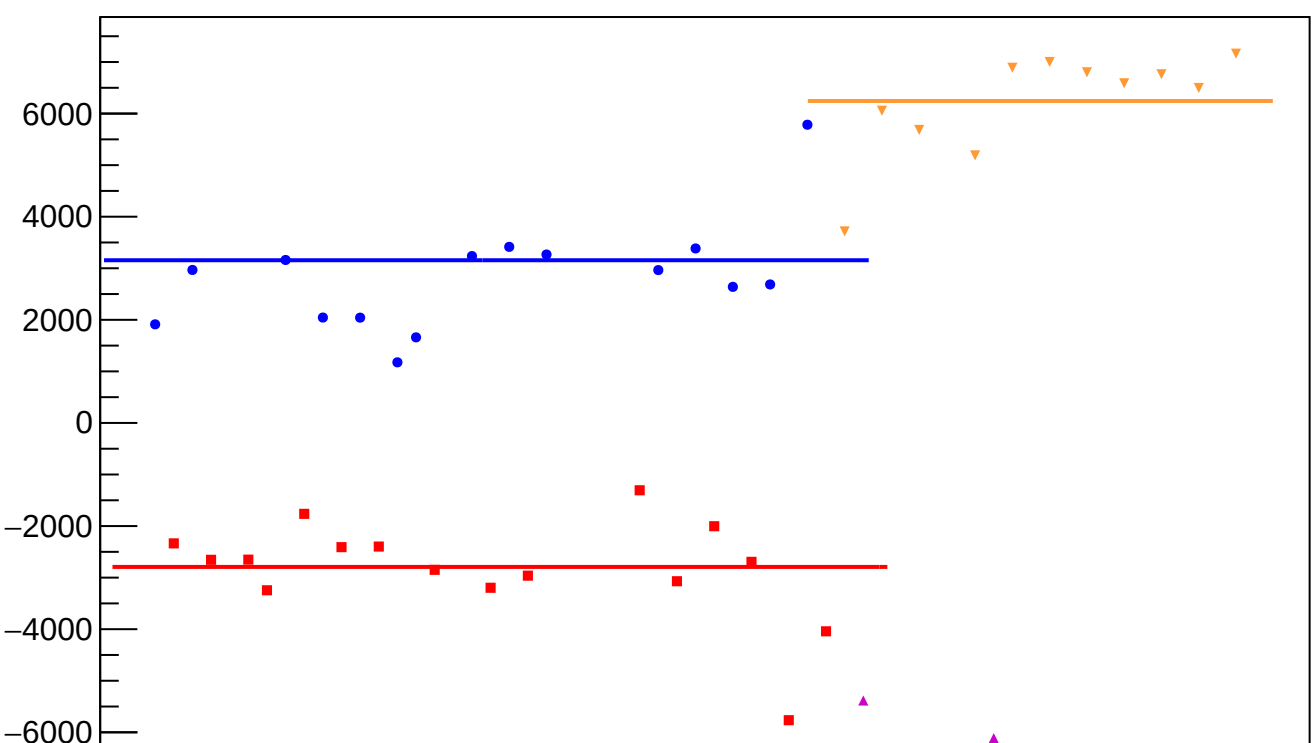
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

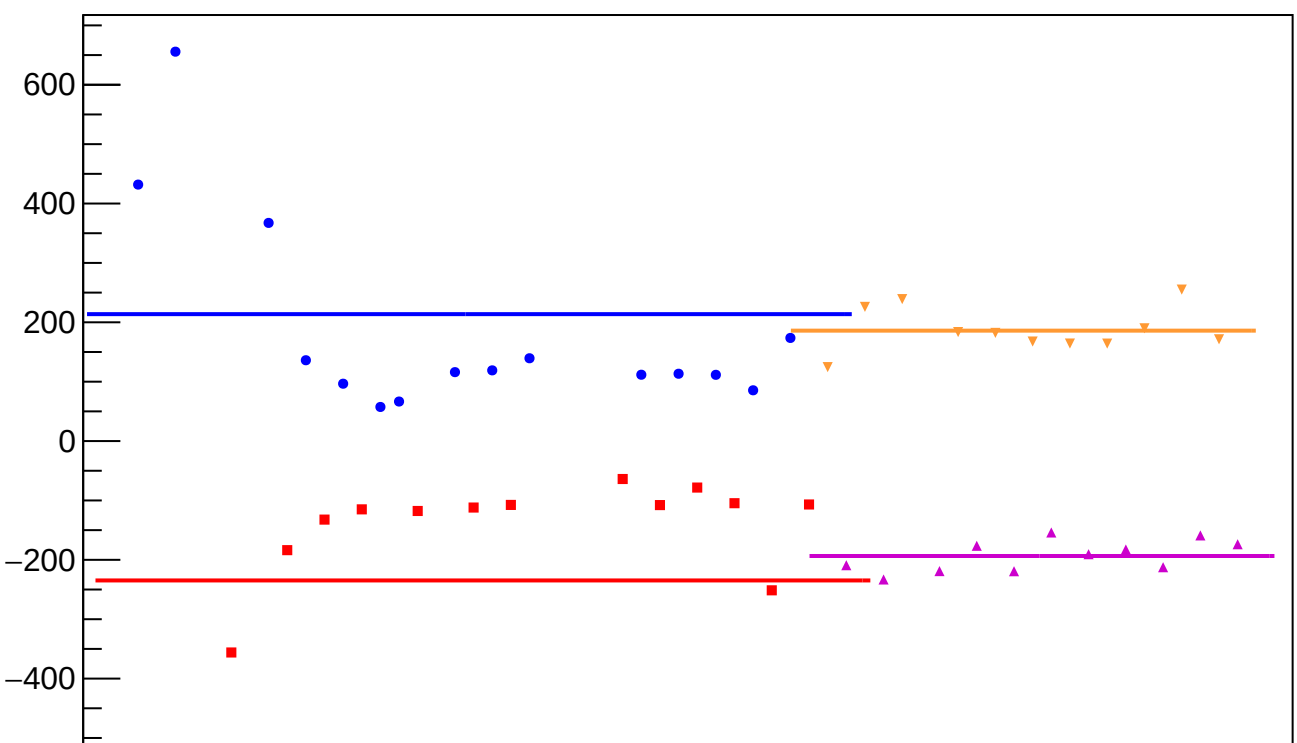
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

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

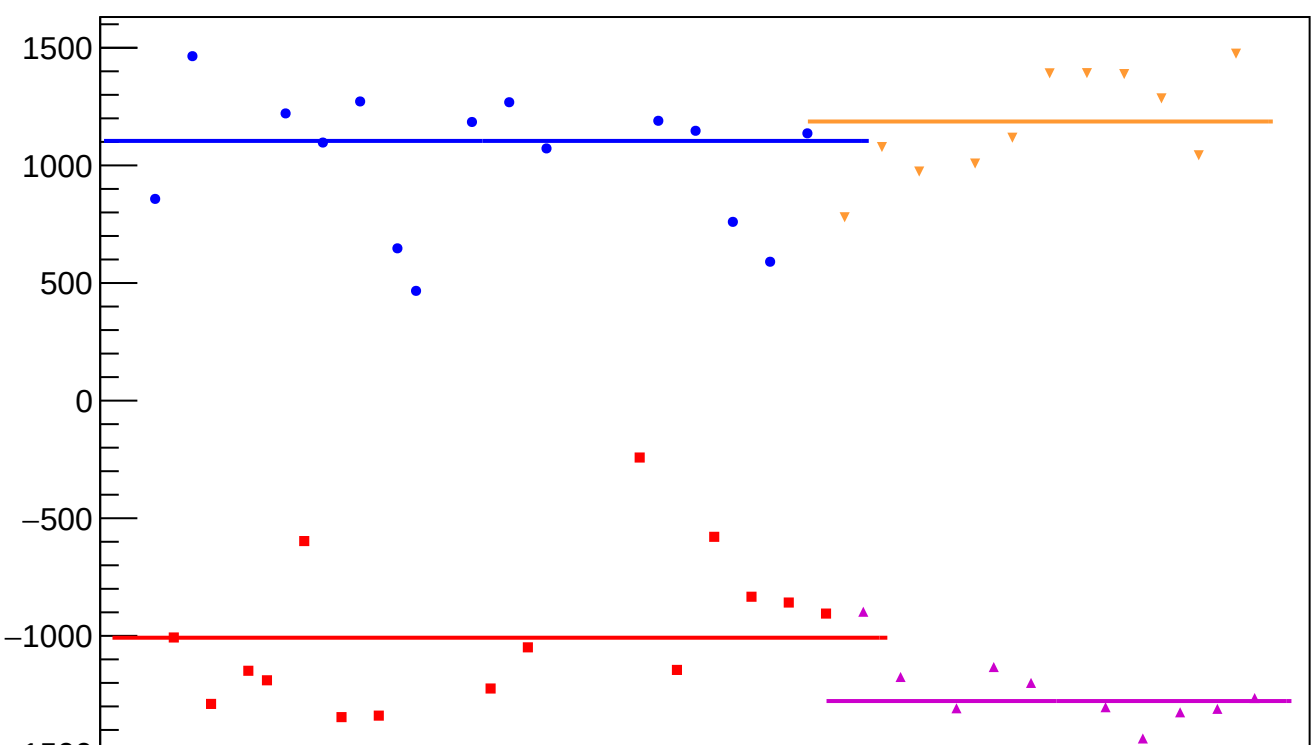
Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

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

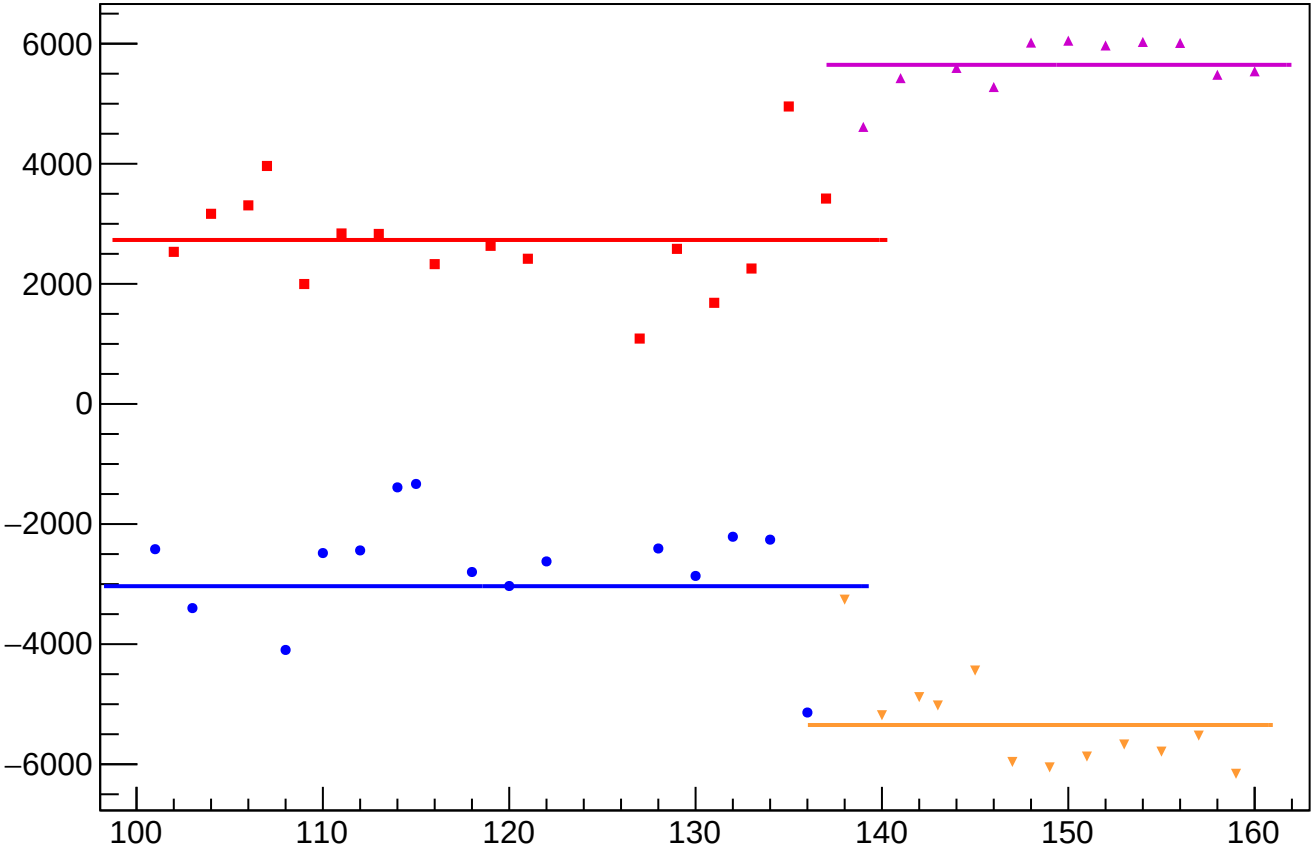
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

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

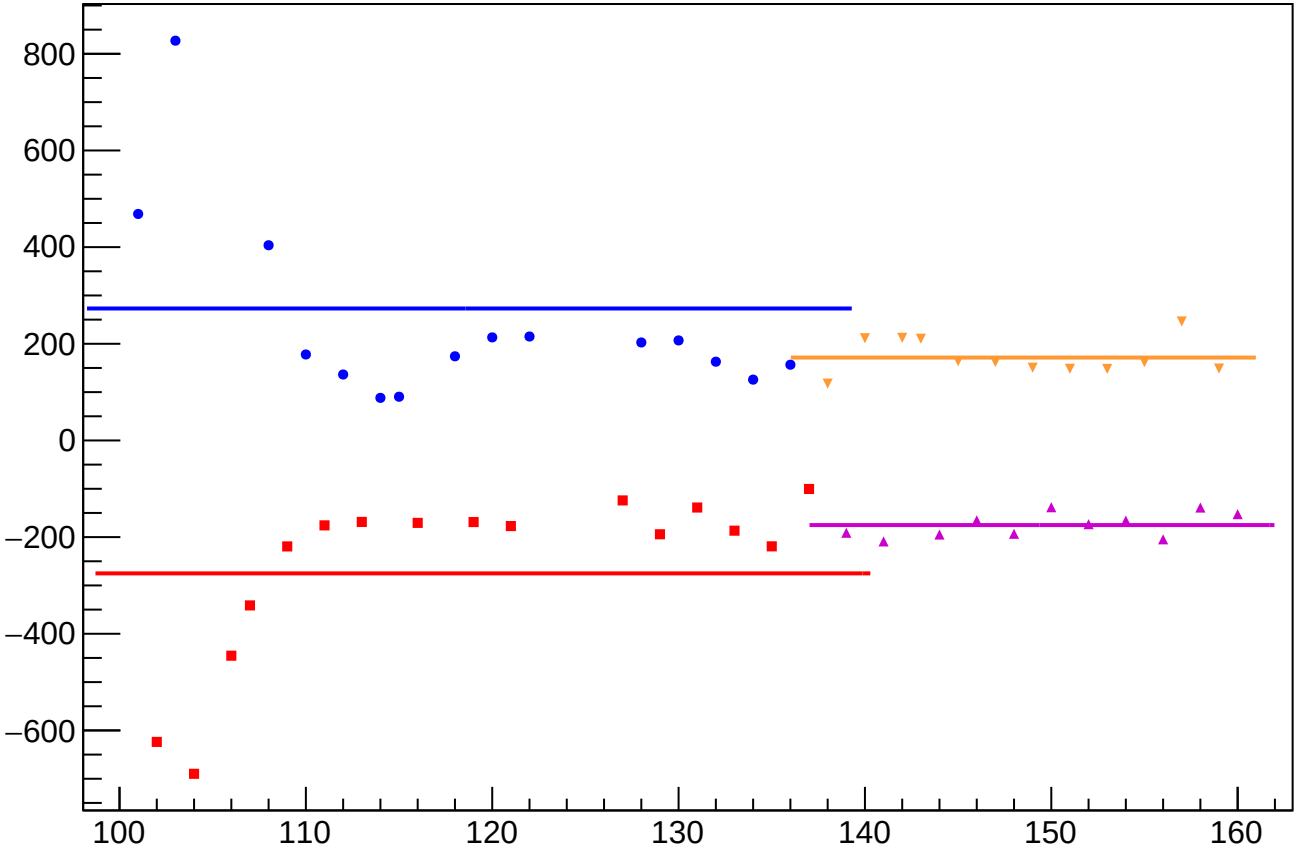
Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

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

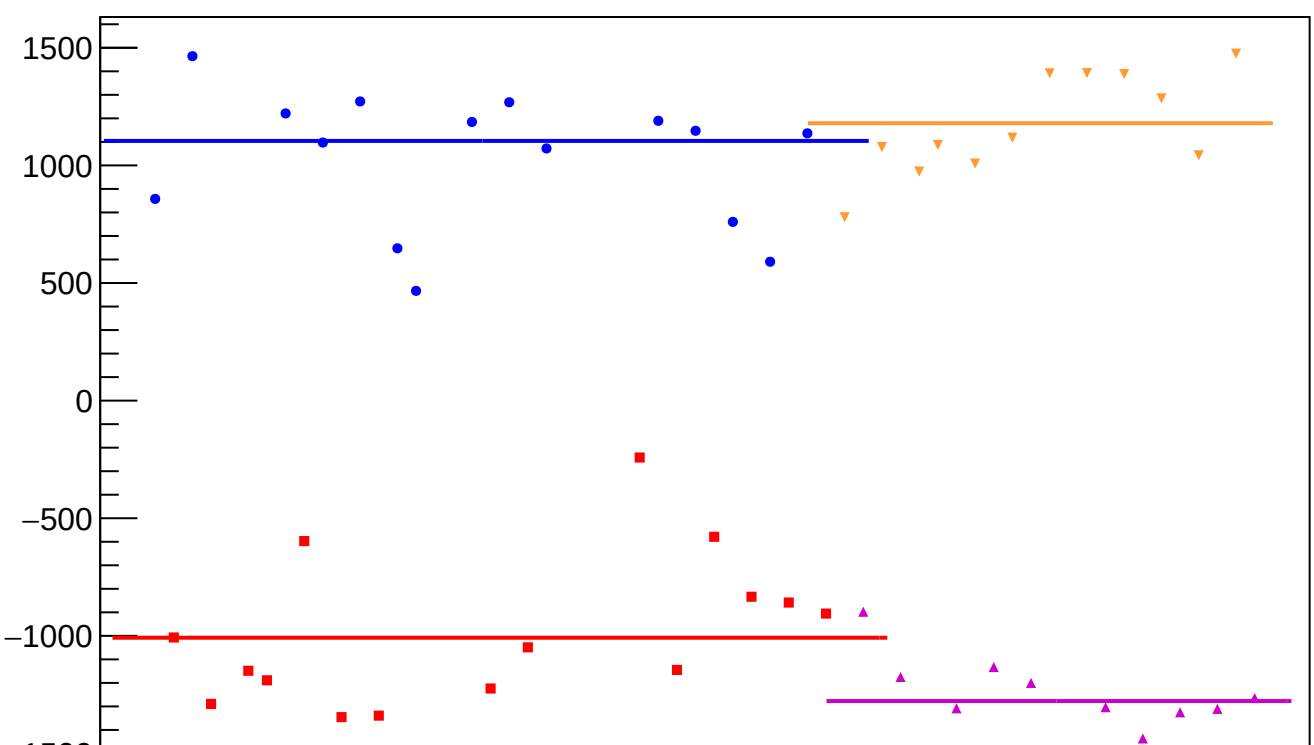
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

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

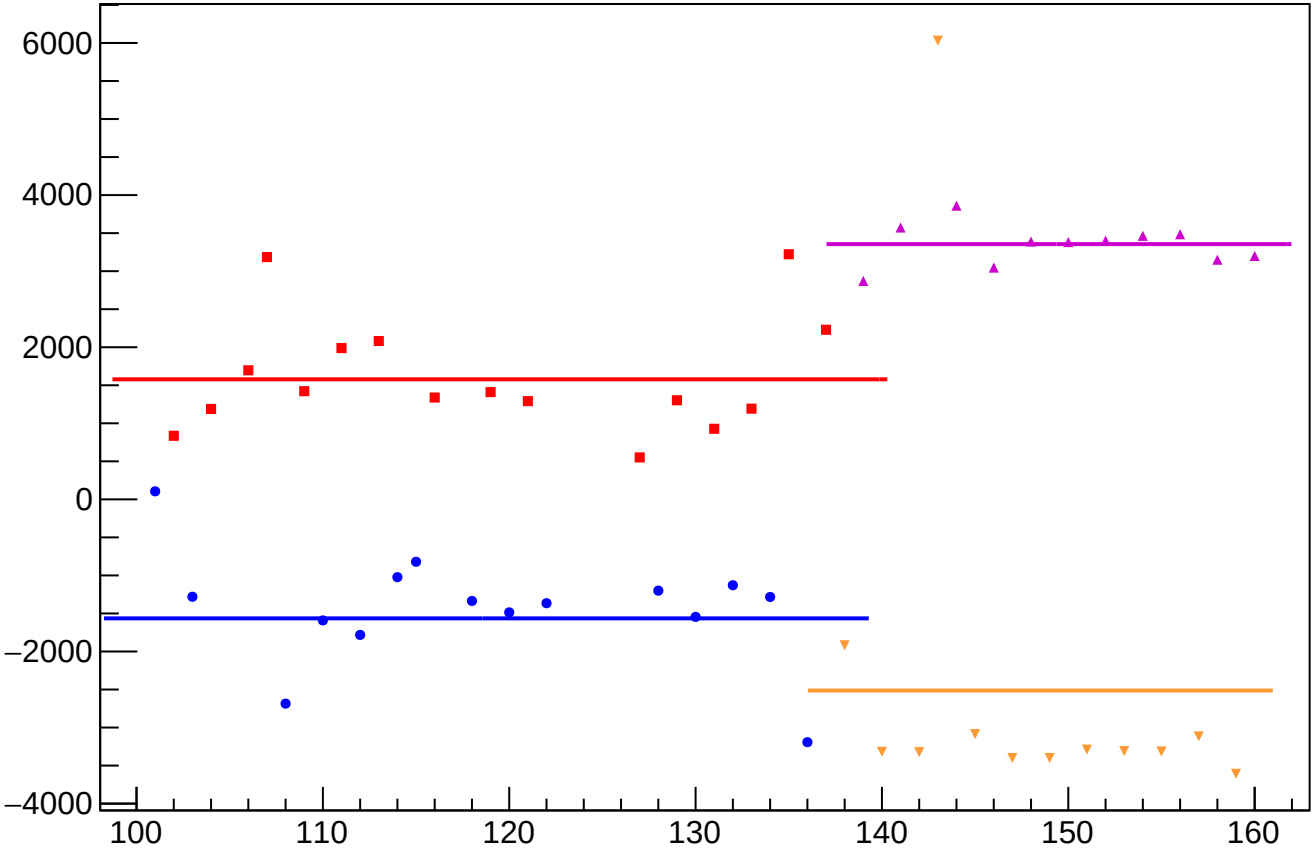
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

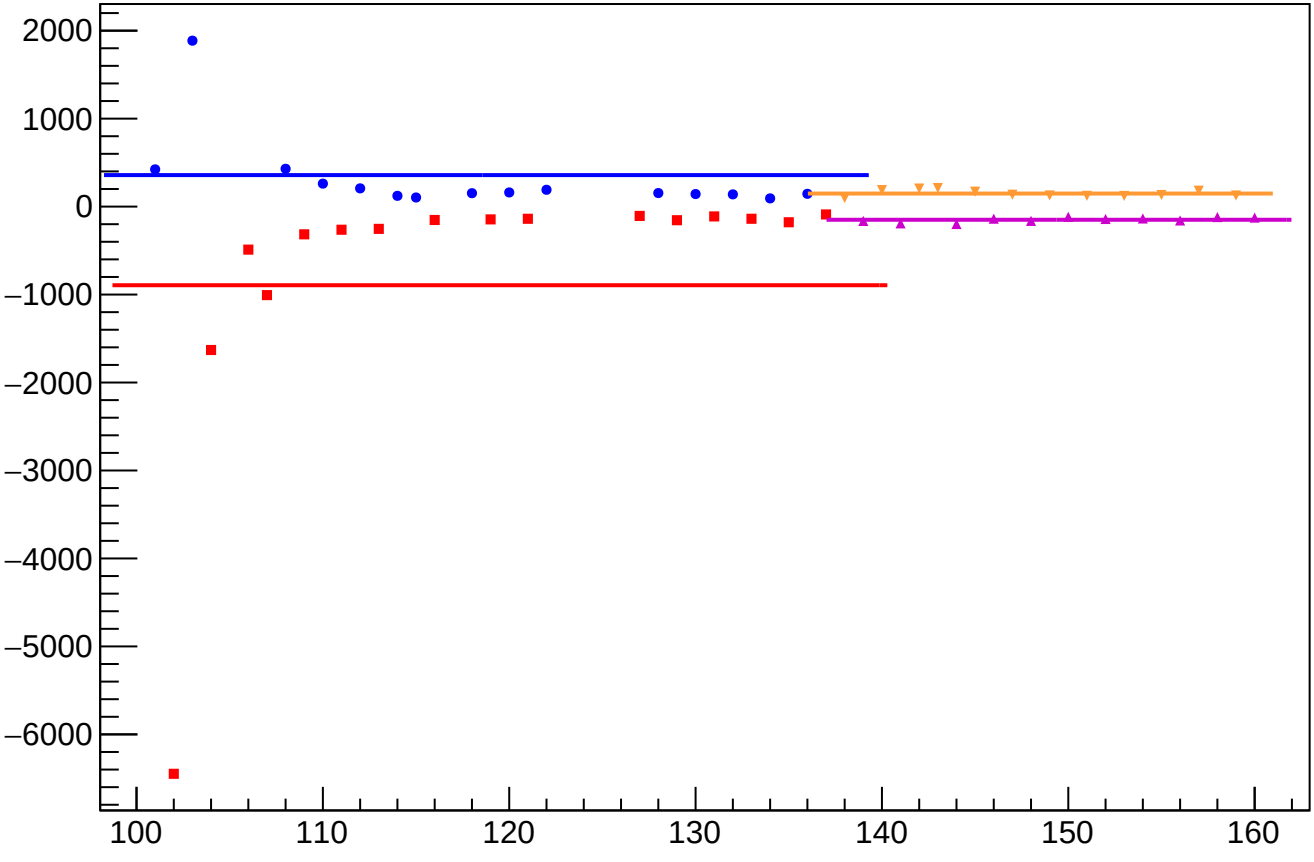
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl1_coil3_mean vs Slug, Sign Corrected



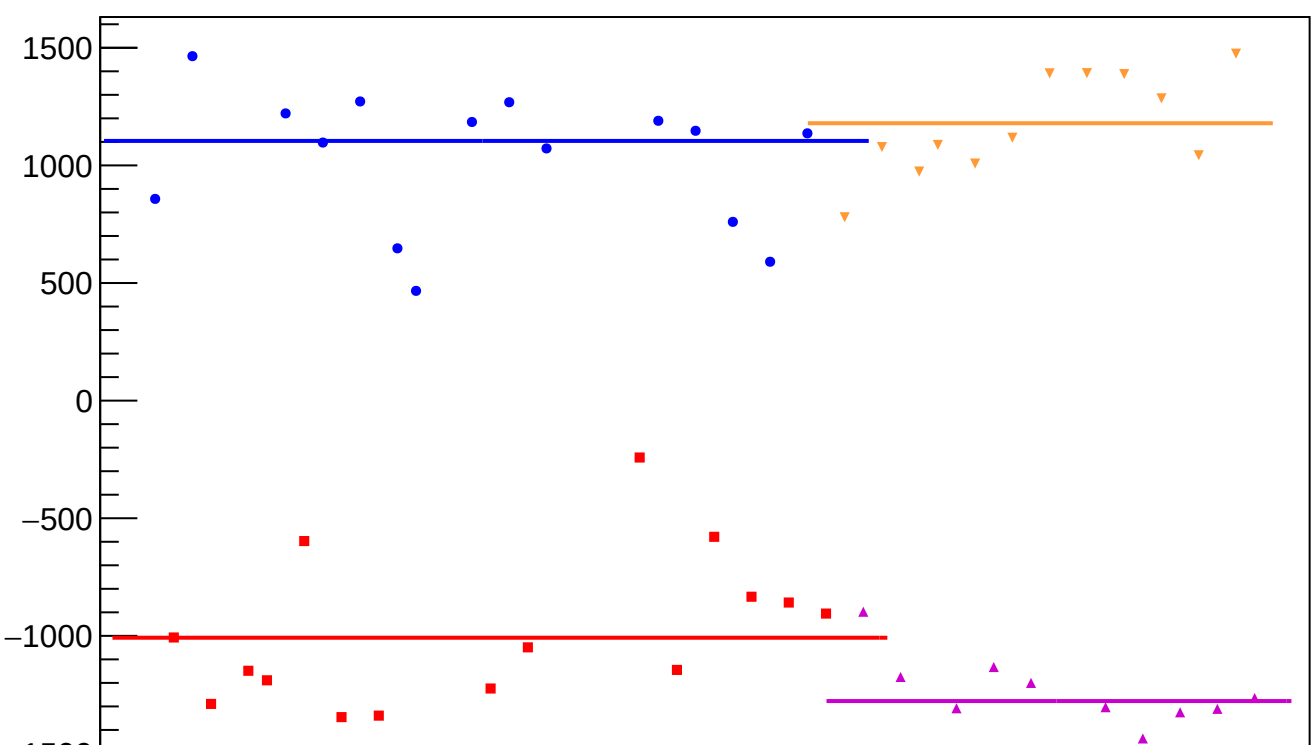
Left: 437.231+/-0.000 χ^2/NDF: 2131924326486959
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 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

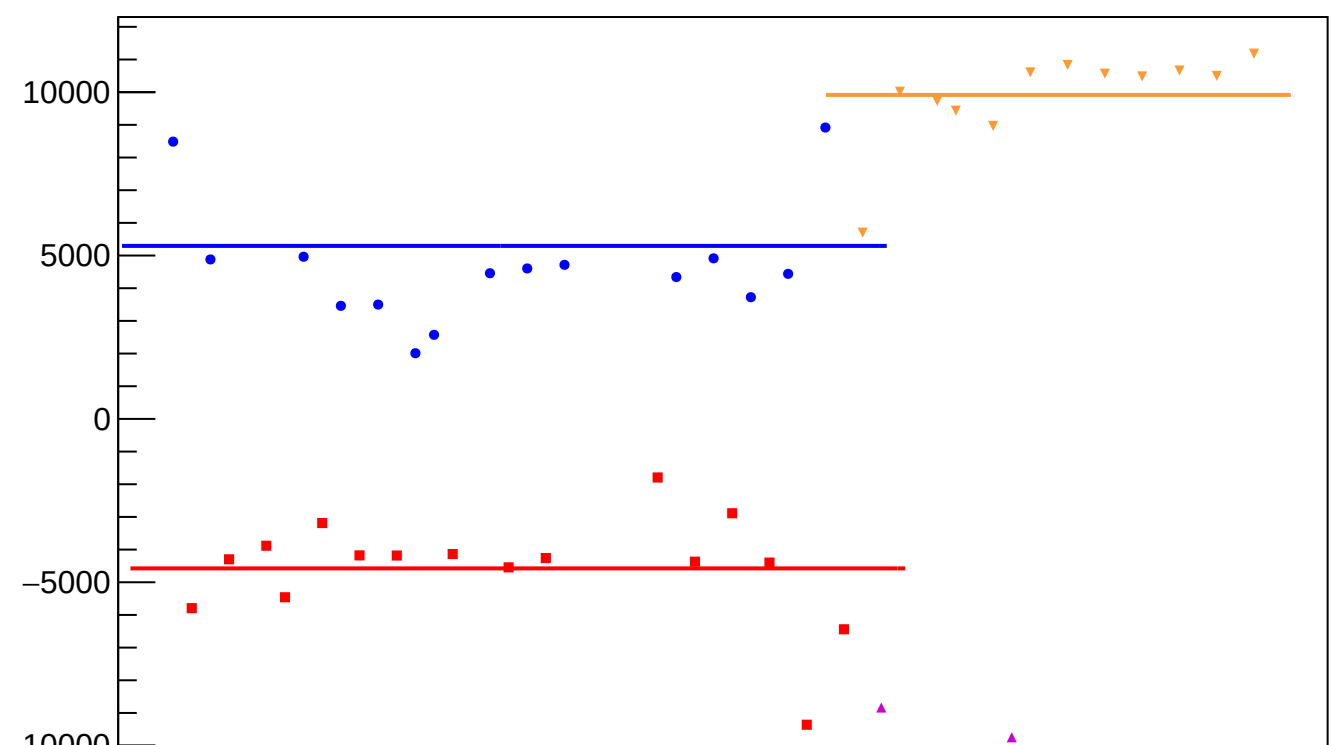
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

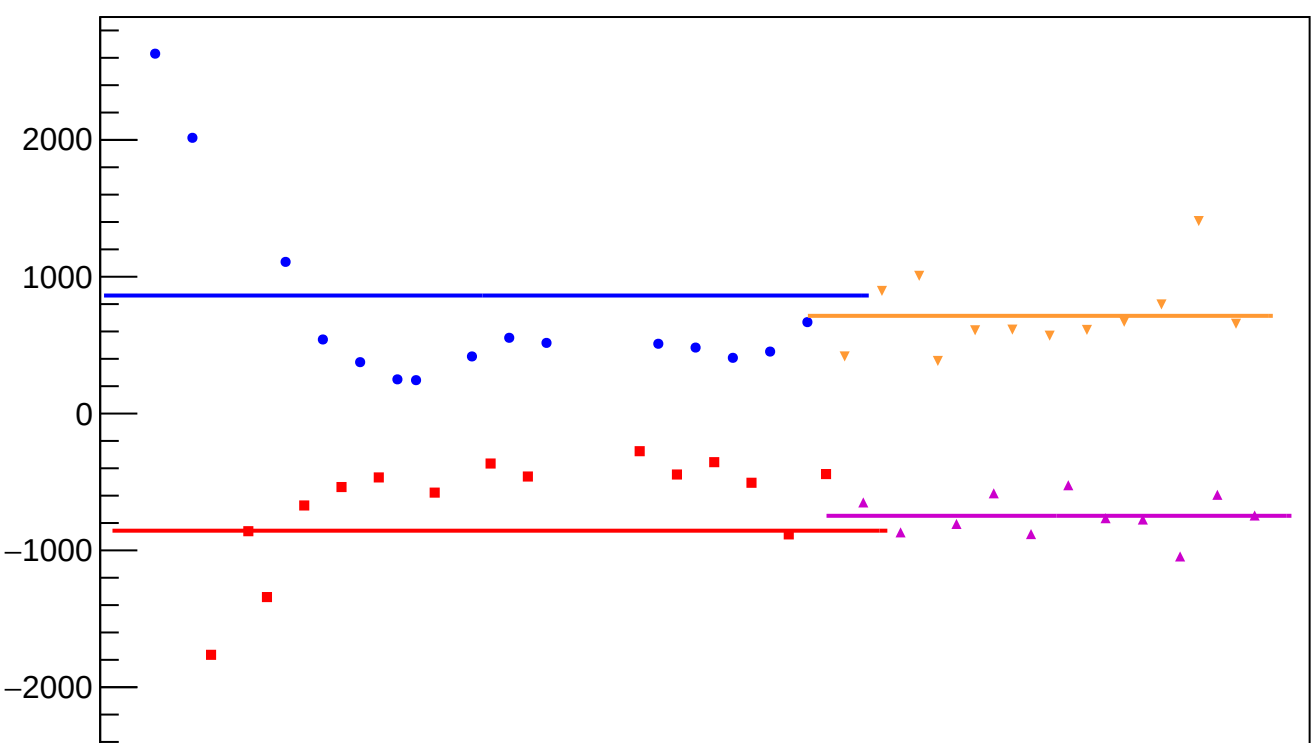
Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Out: 3802.595+/-0.000 χ^2/NDF:846841188462188

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

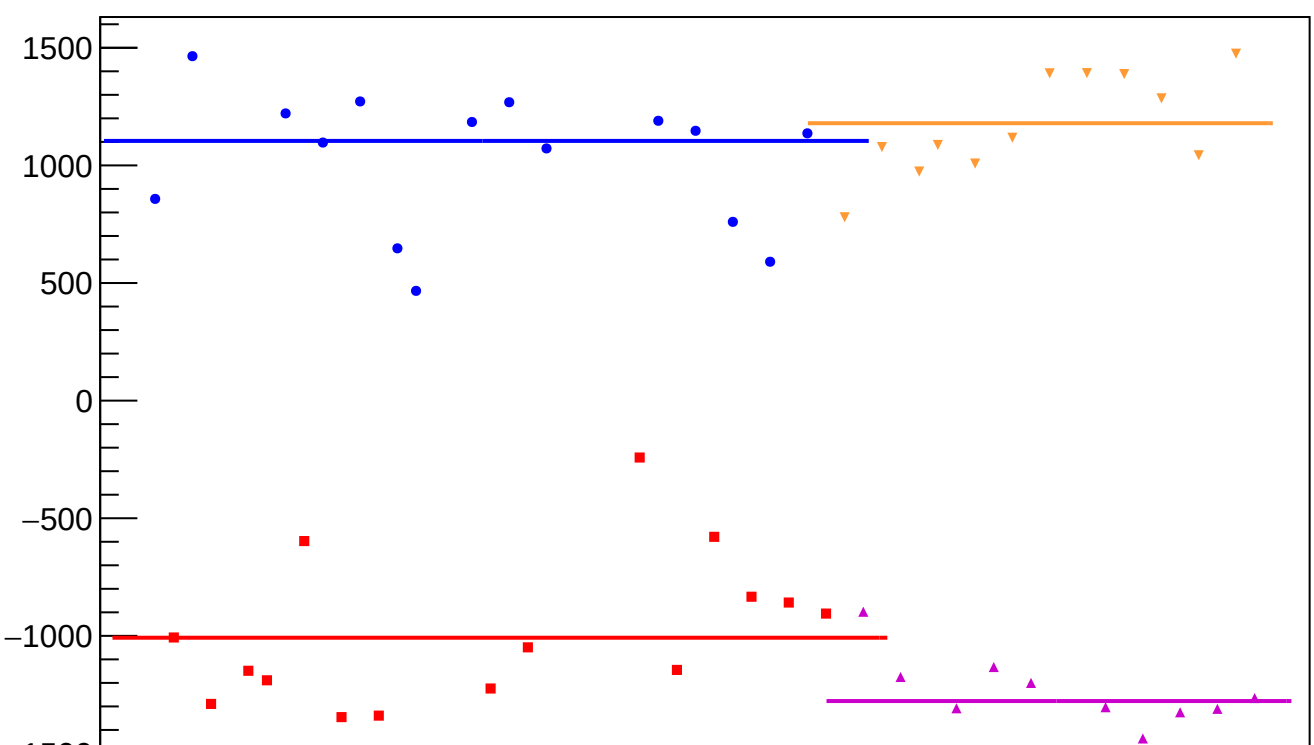
All: -107.886+/-0.000 χ^2/NDF: 23238819396

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

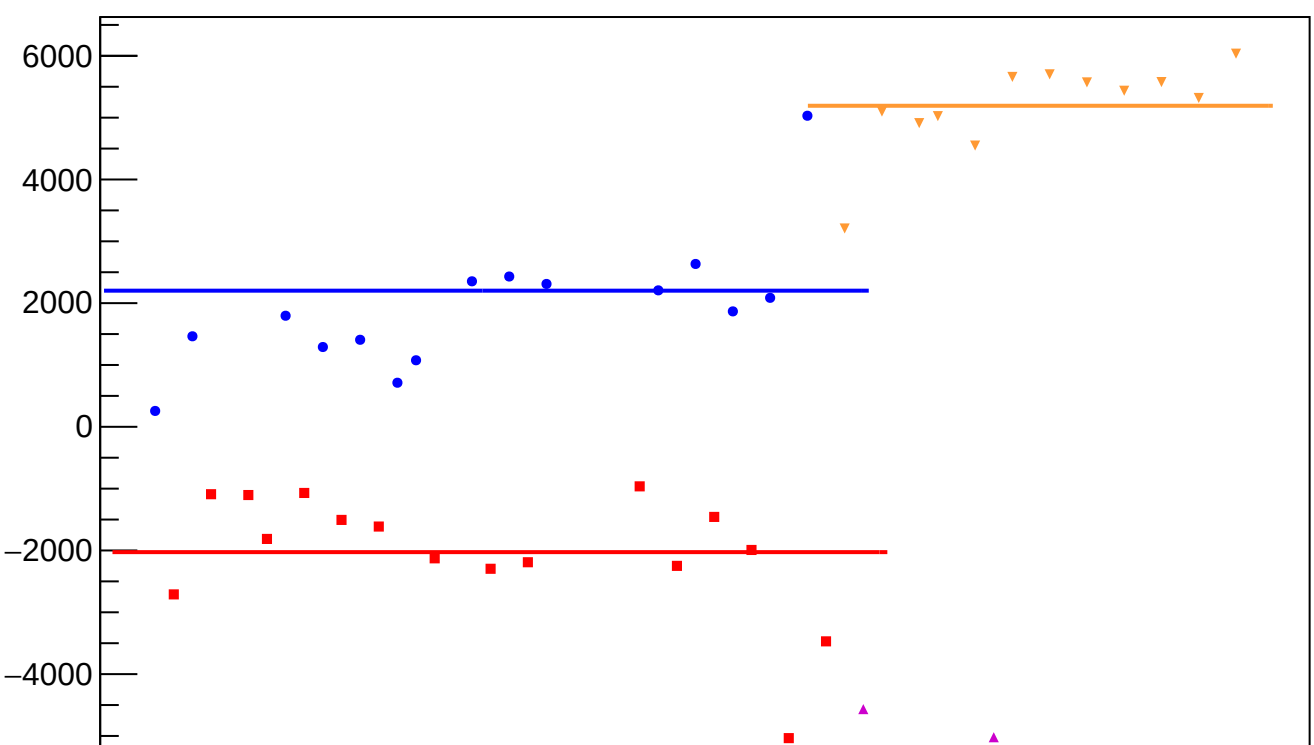
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

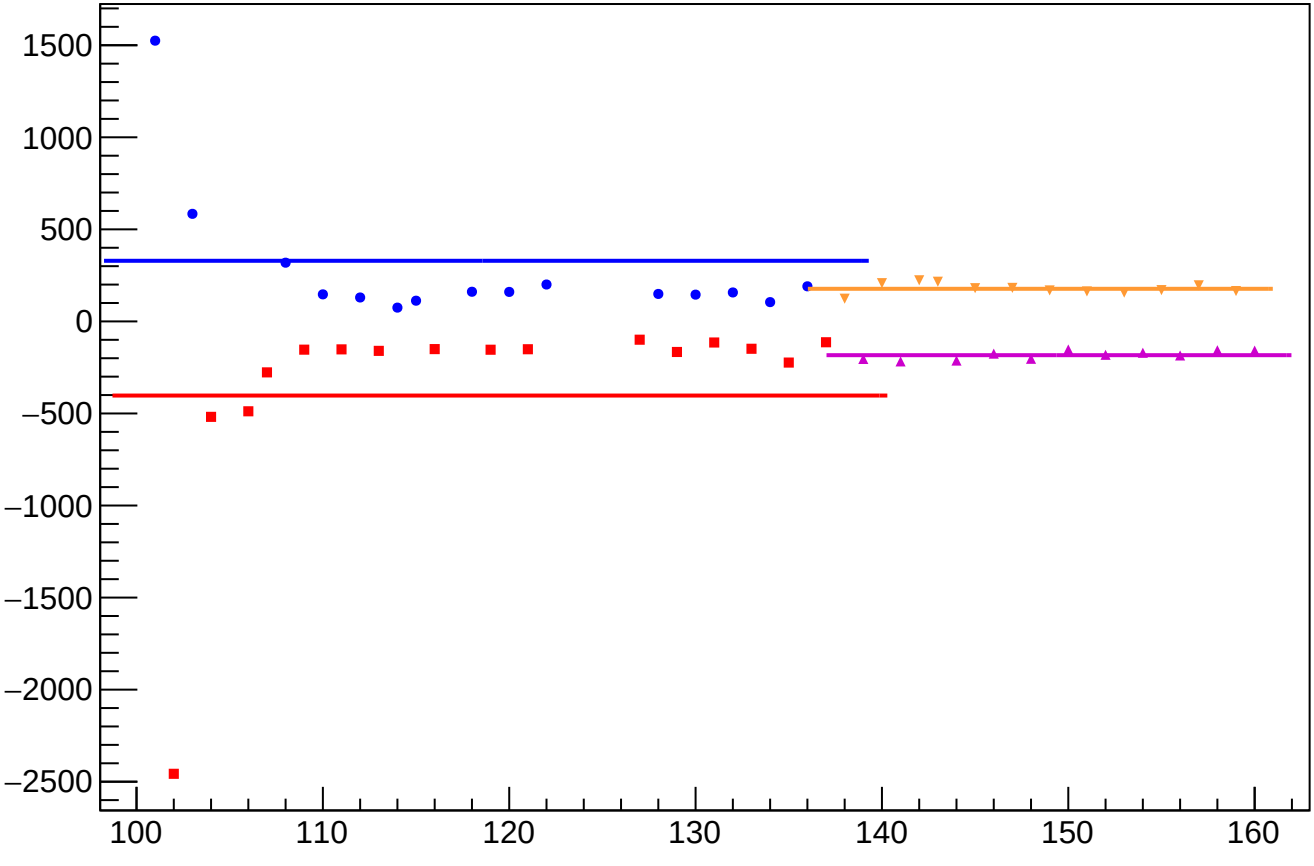
All: -18.335+/-0.000 χ^2/NDF: 441608022845

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

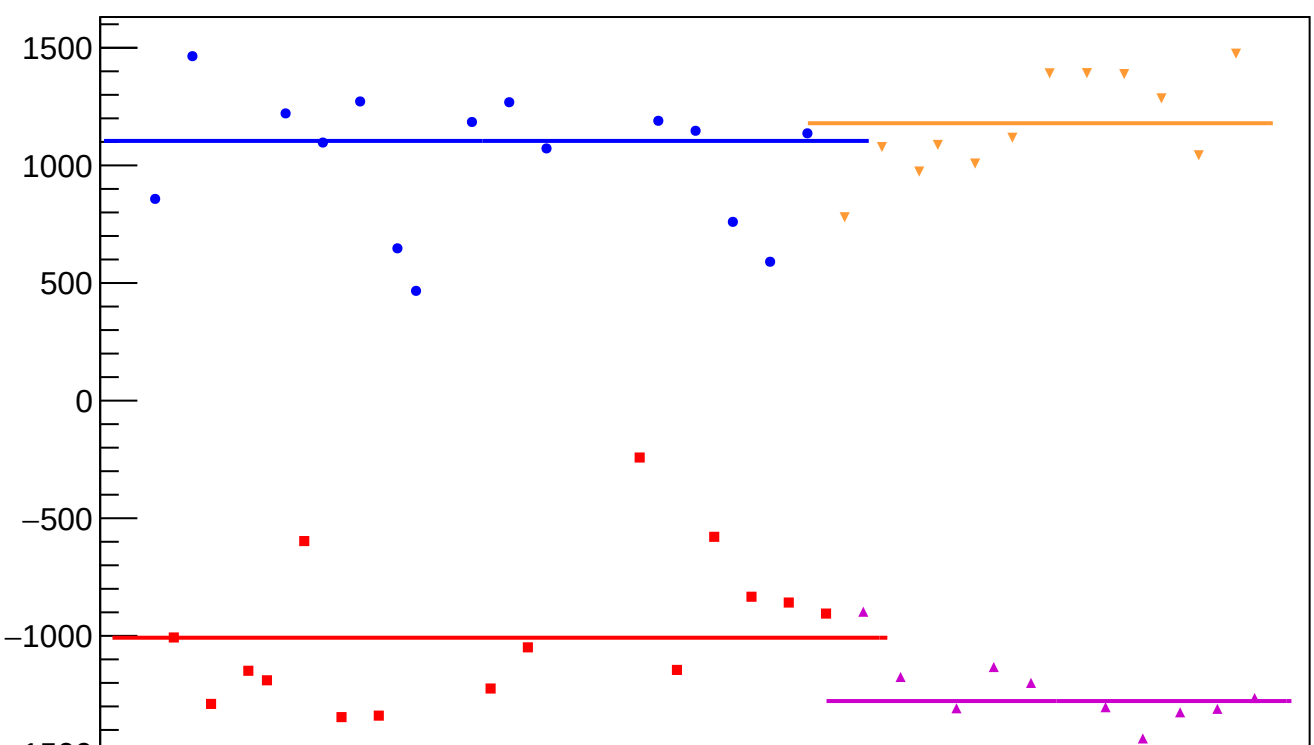
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

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

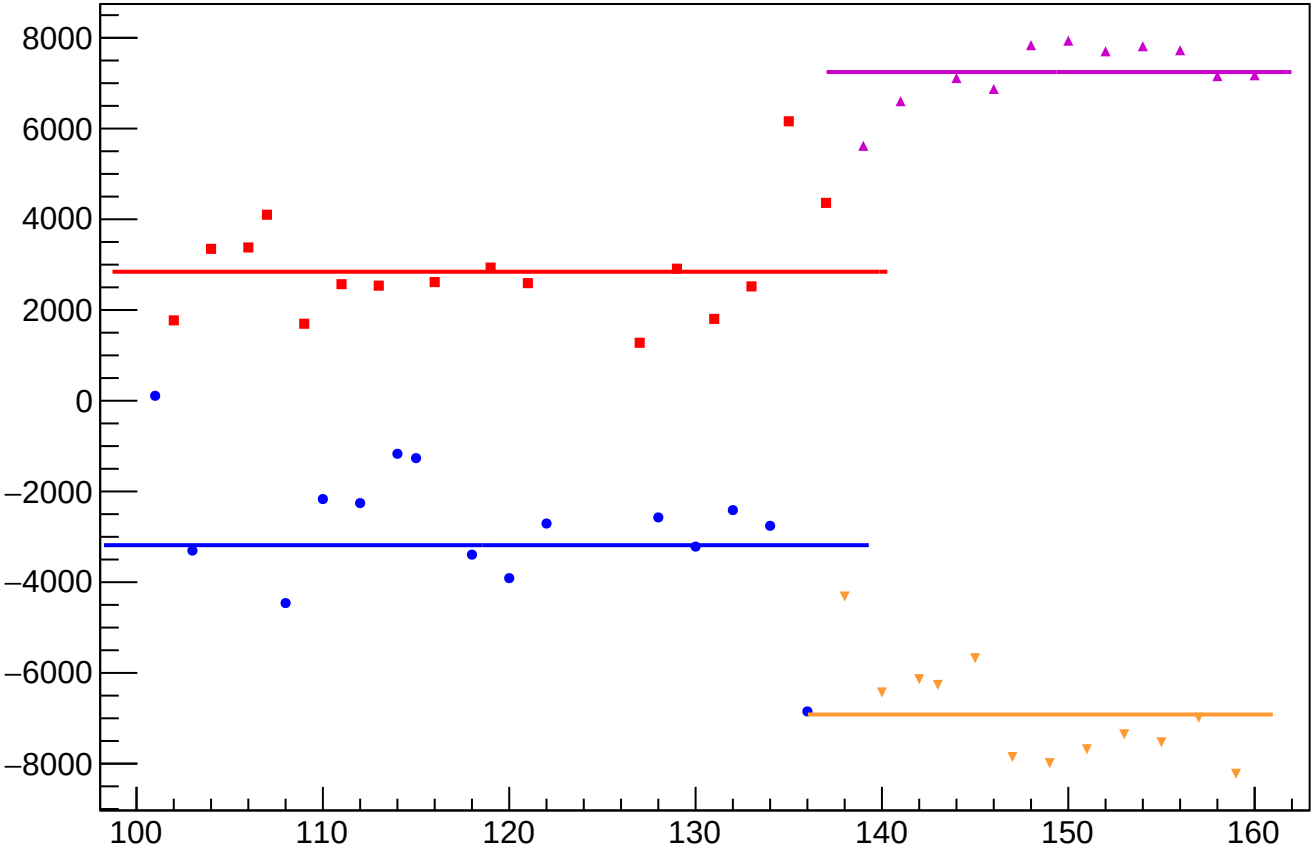
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

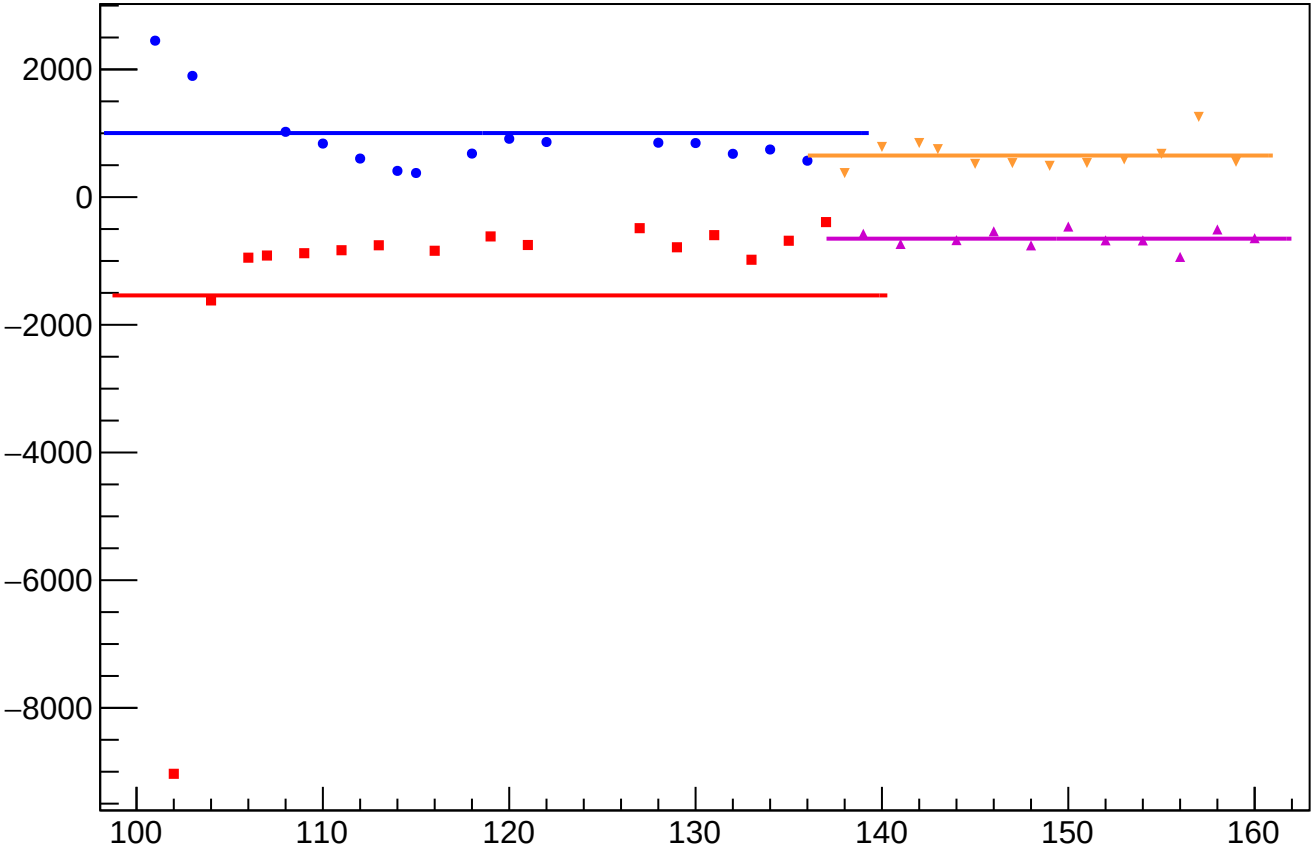
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

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

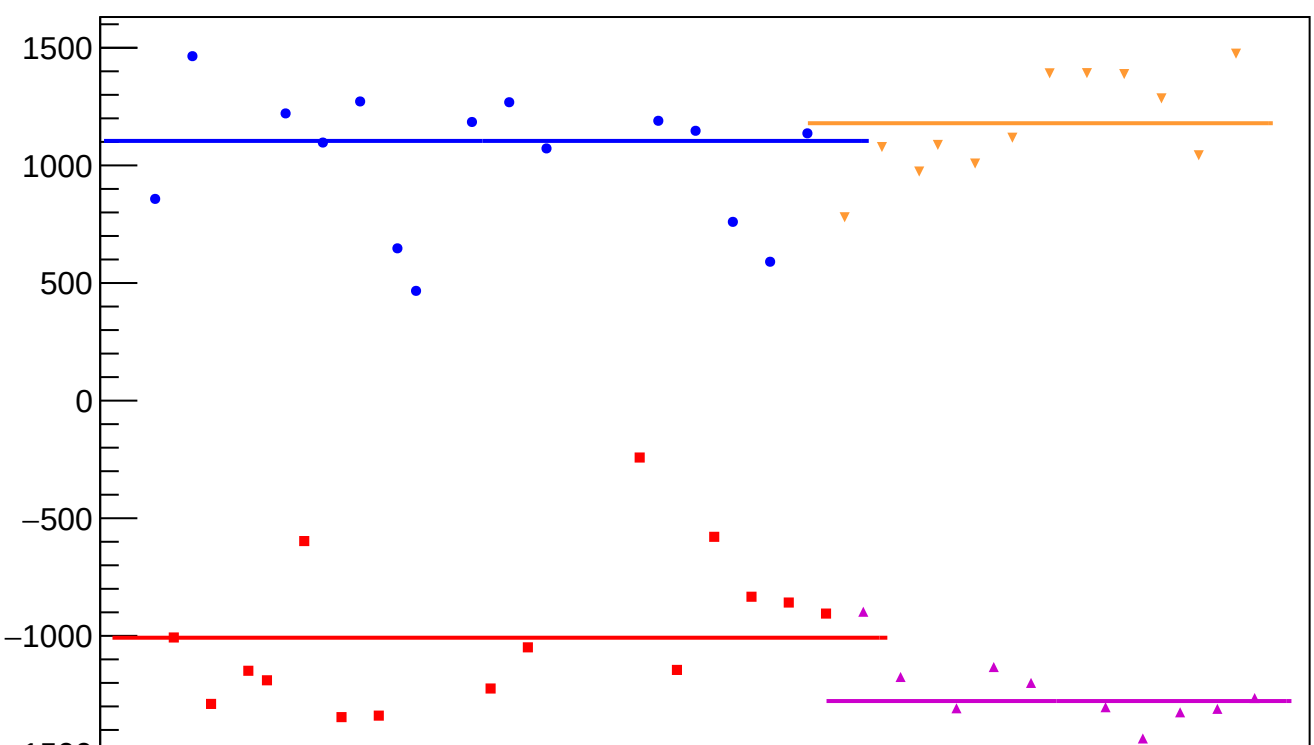
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

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

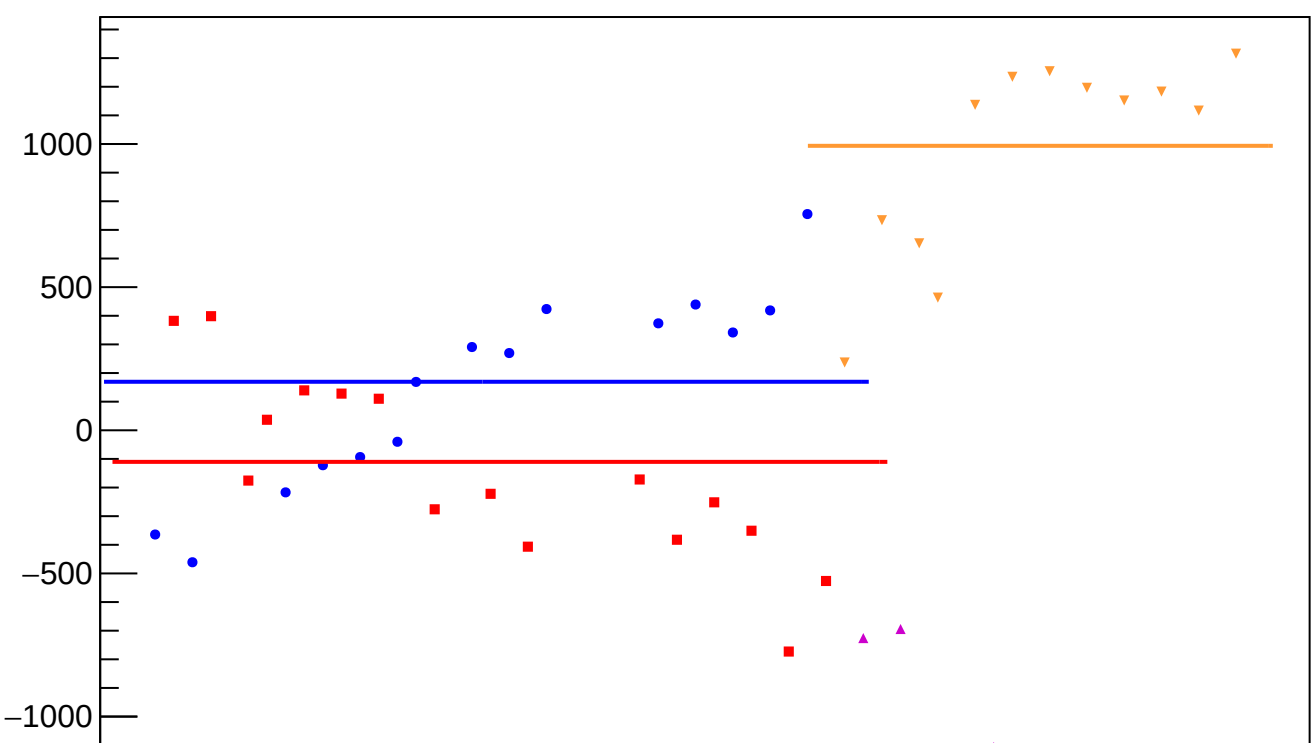
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

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

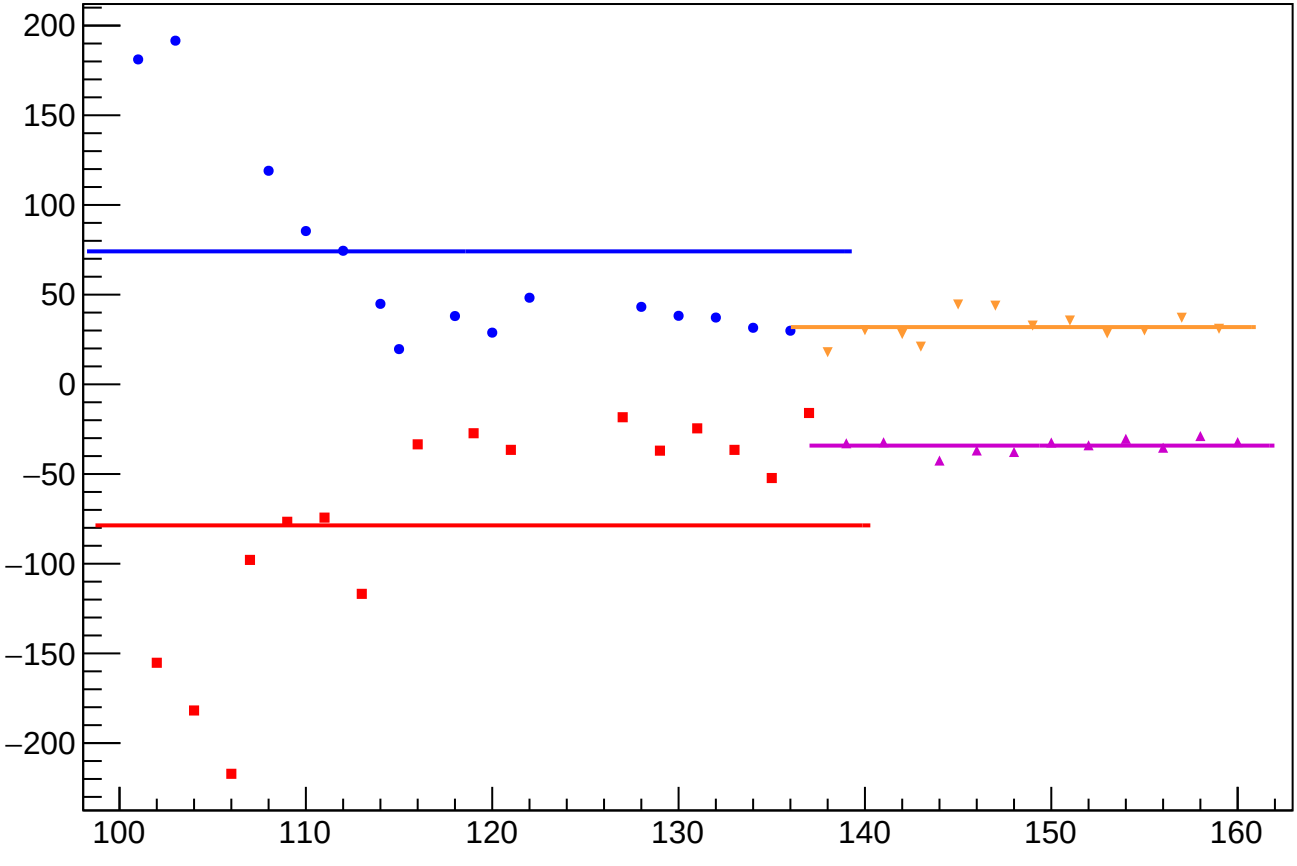
Right Out: -110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988 1216.0/15

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

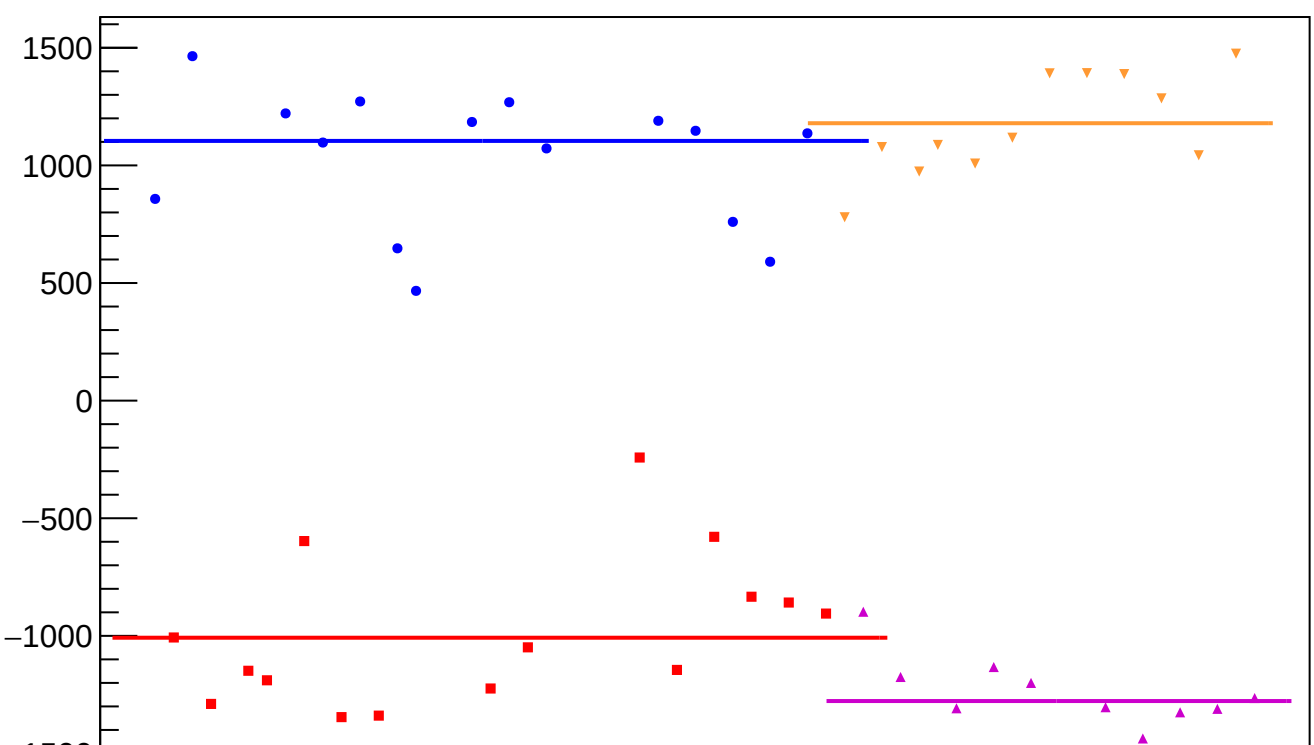
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

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

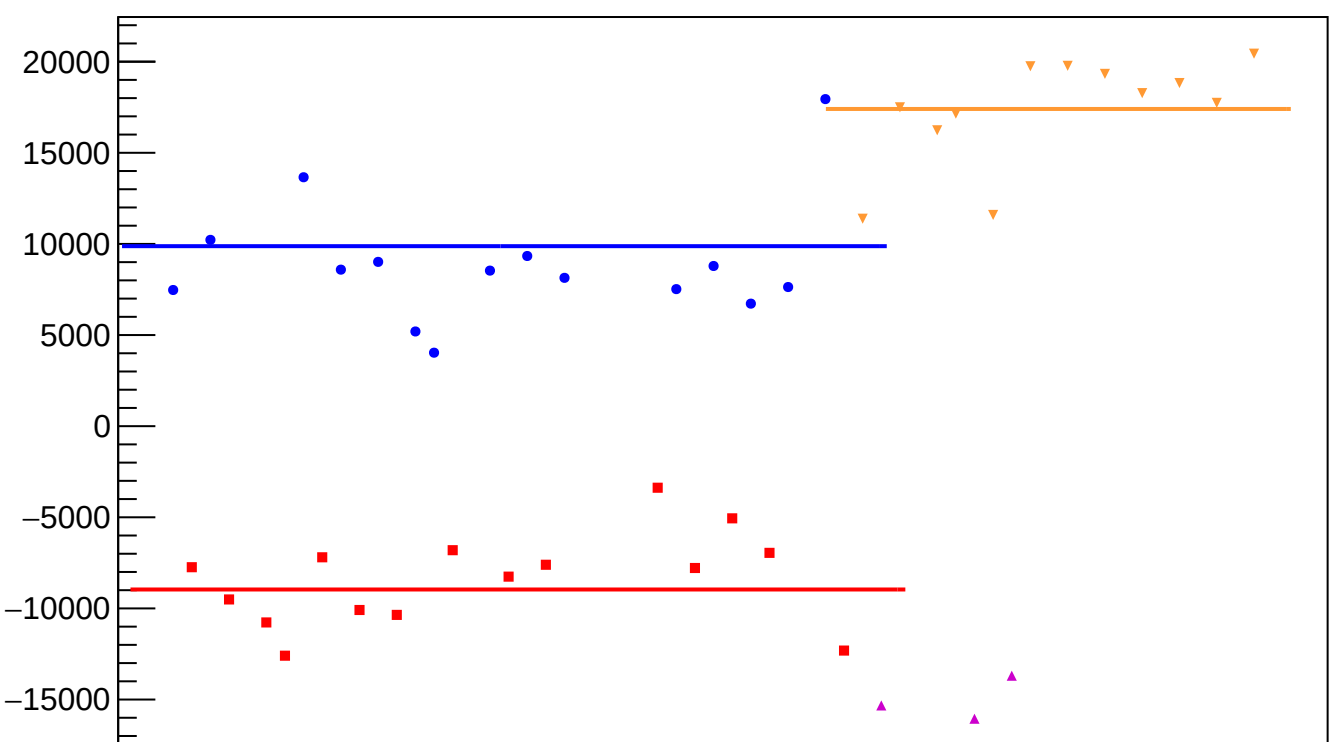
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

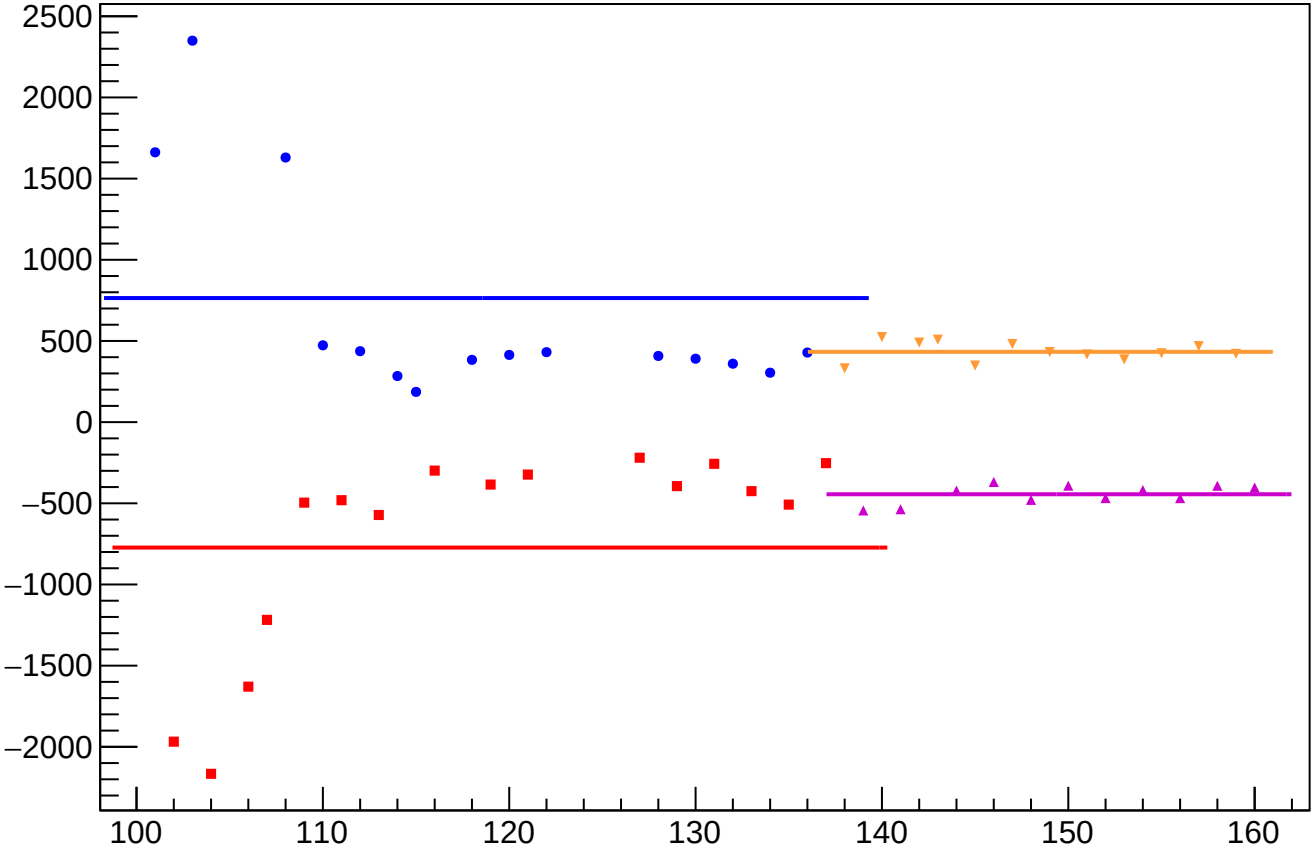
Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Out: 6281.362+/-0.000 χ^2/NDF:283344504403014

Left In: -17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

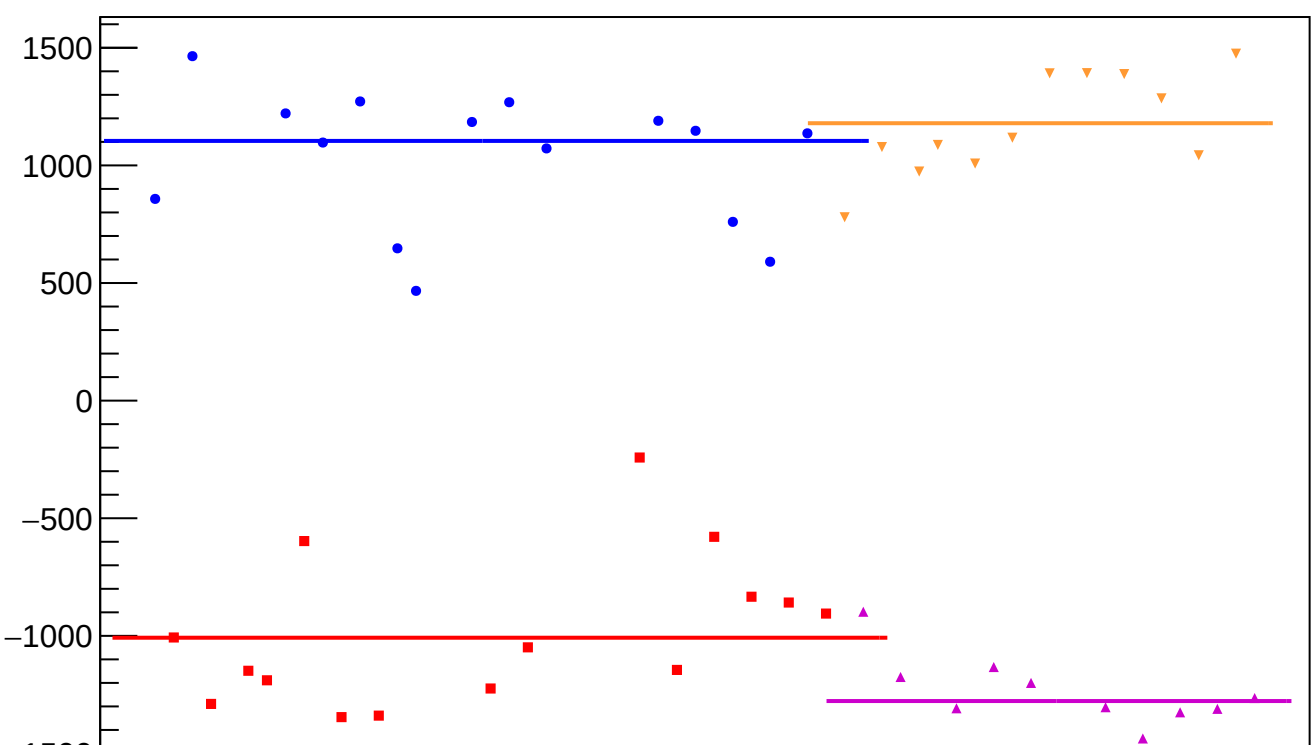
All: -81.381+/-0.000 χ^2/NDF: 719188962323

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

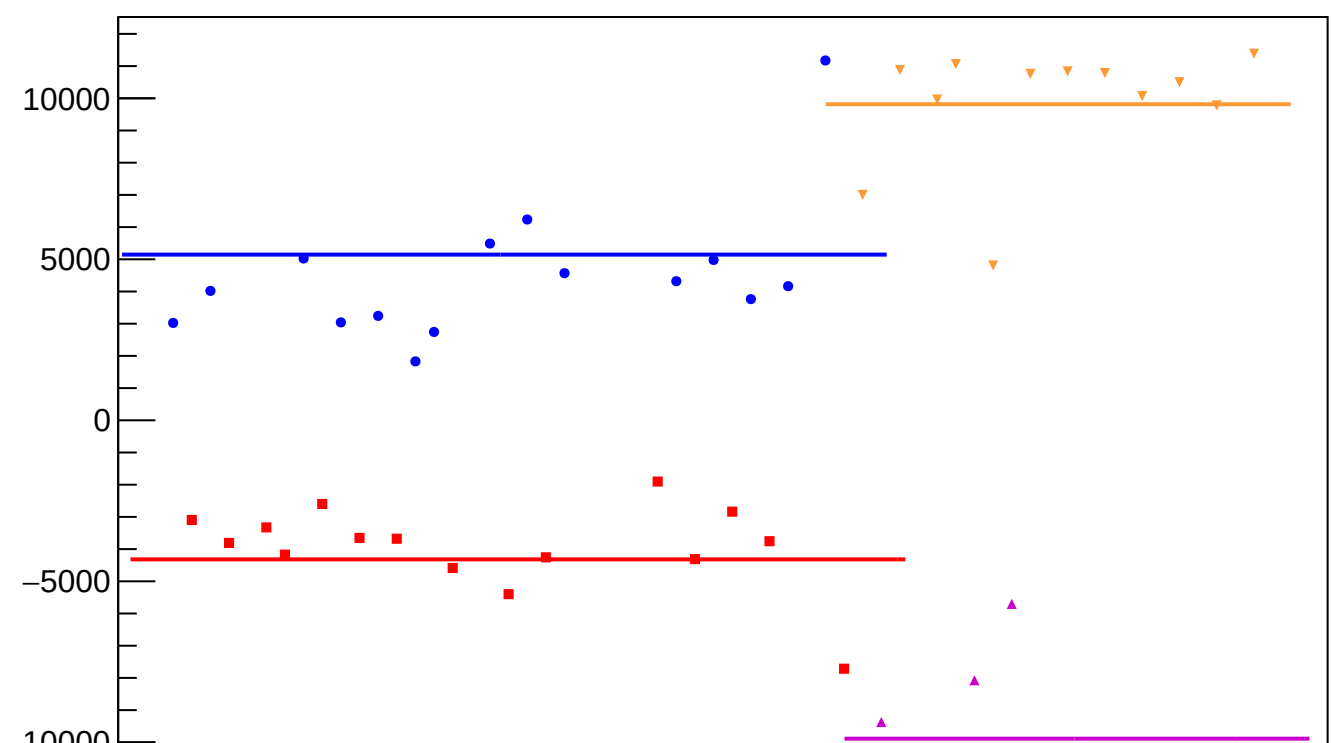
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

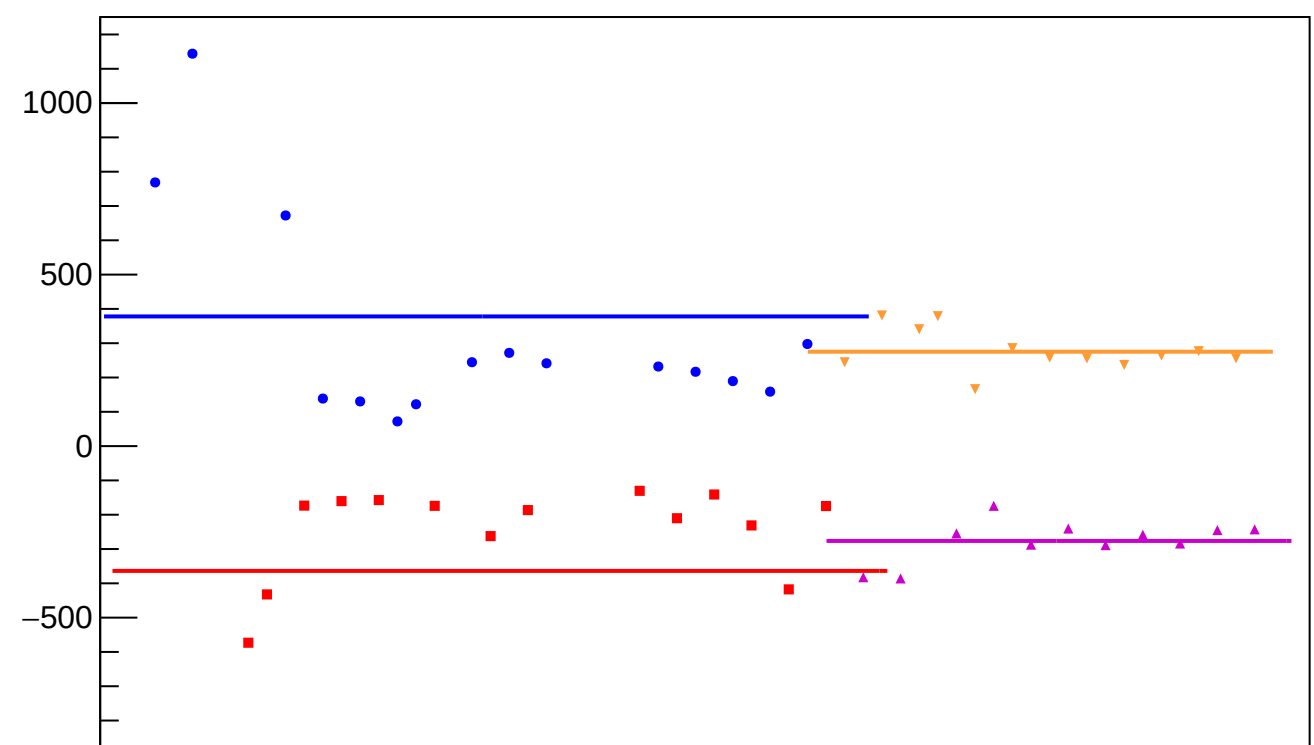
Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

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

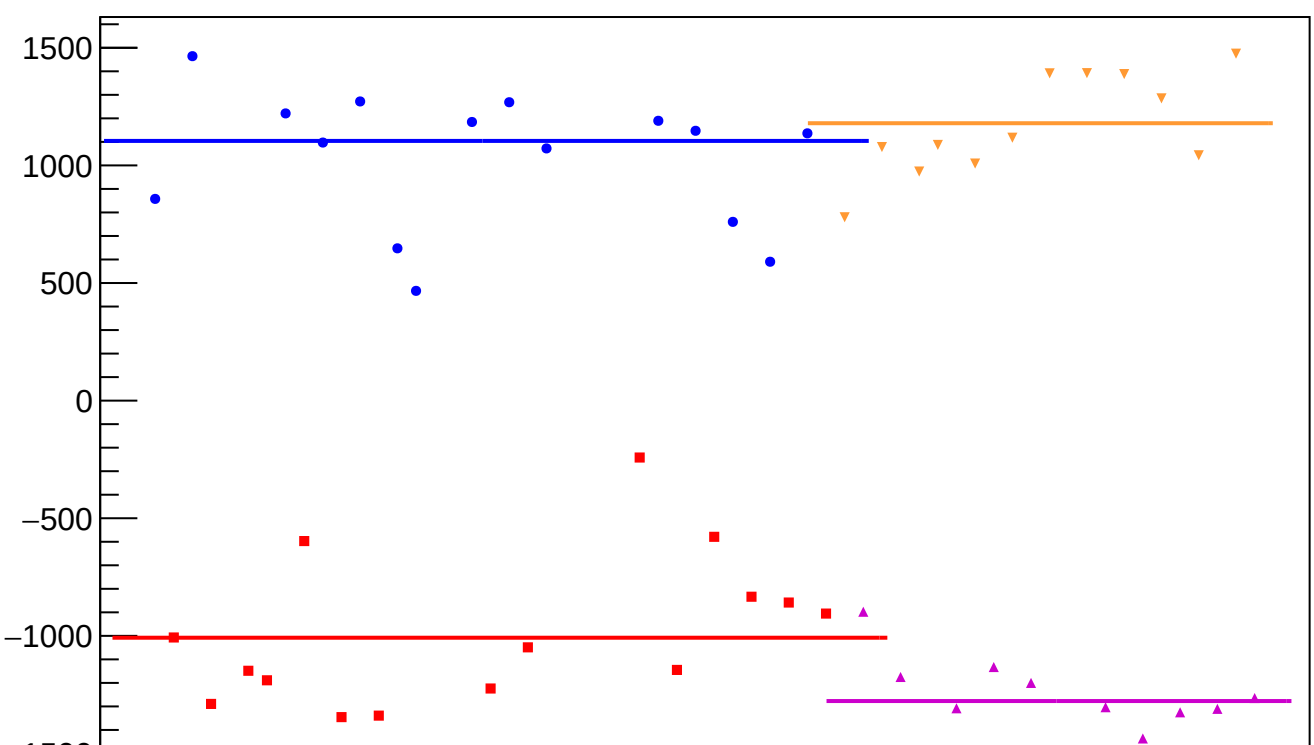
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

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

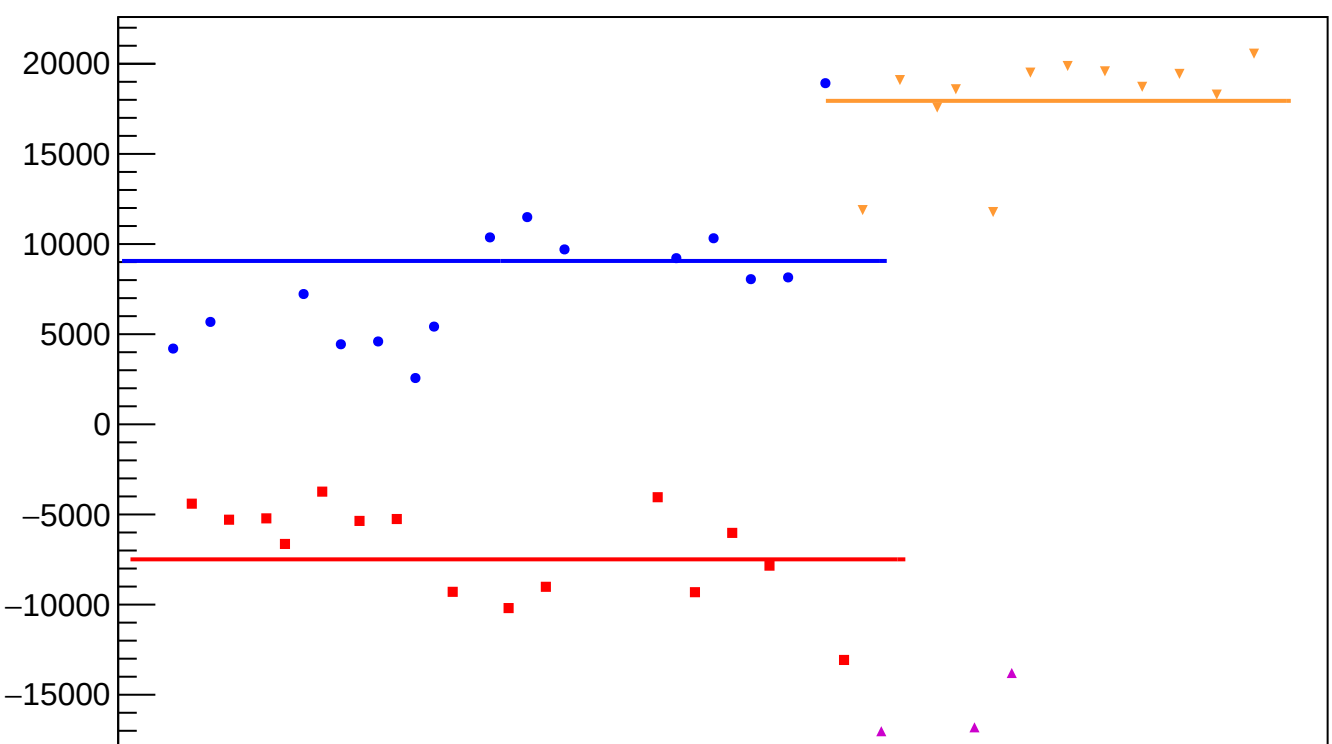
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

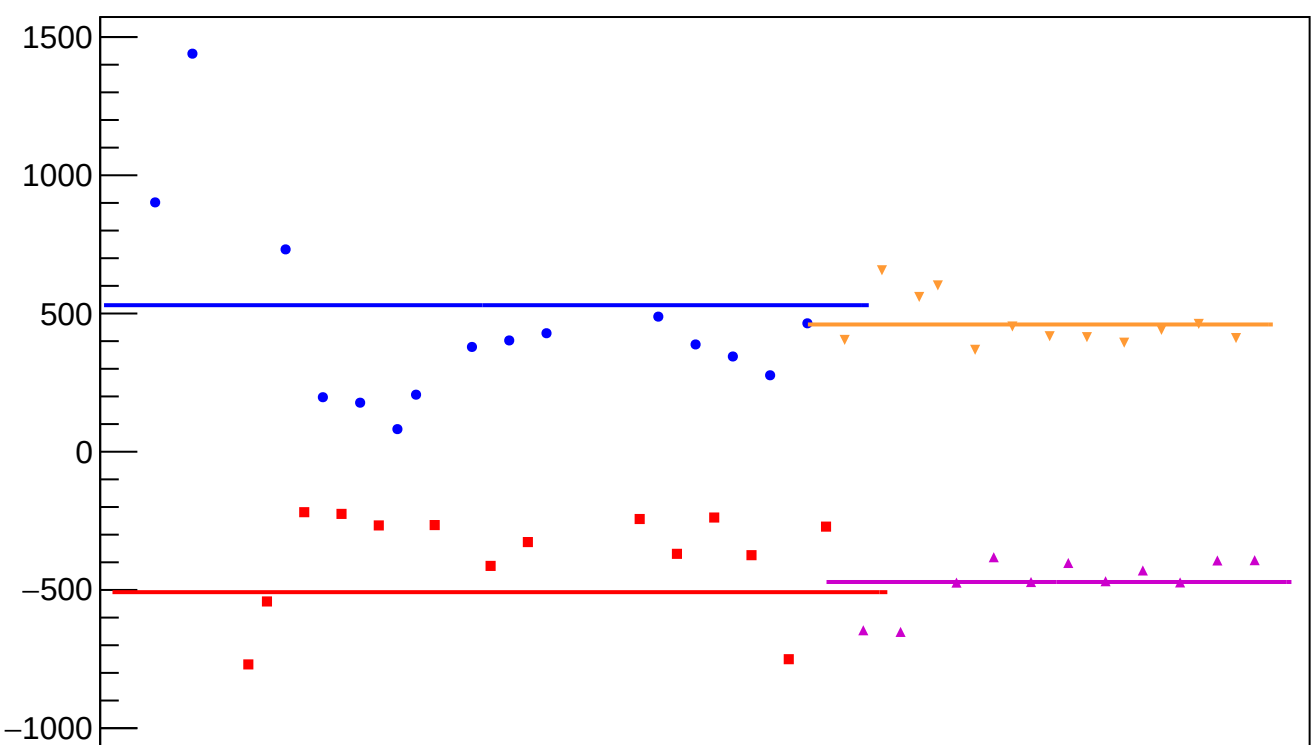
All: -18.335+/-0.000 χ^2/NDF: 441608022845

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

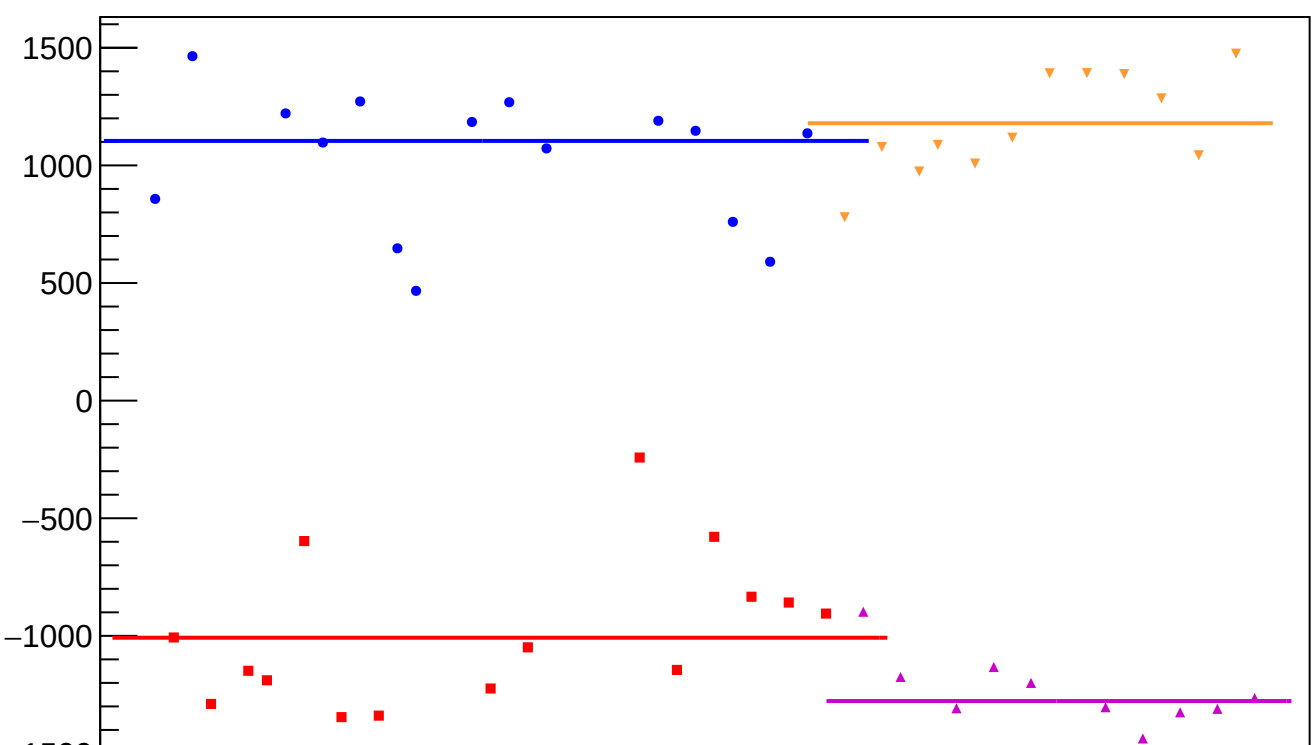
Right Out: -507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

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

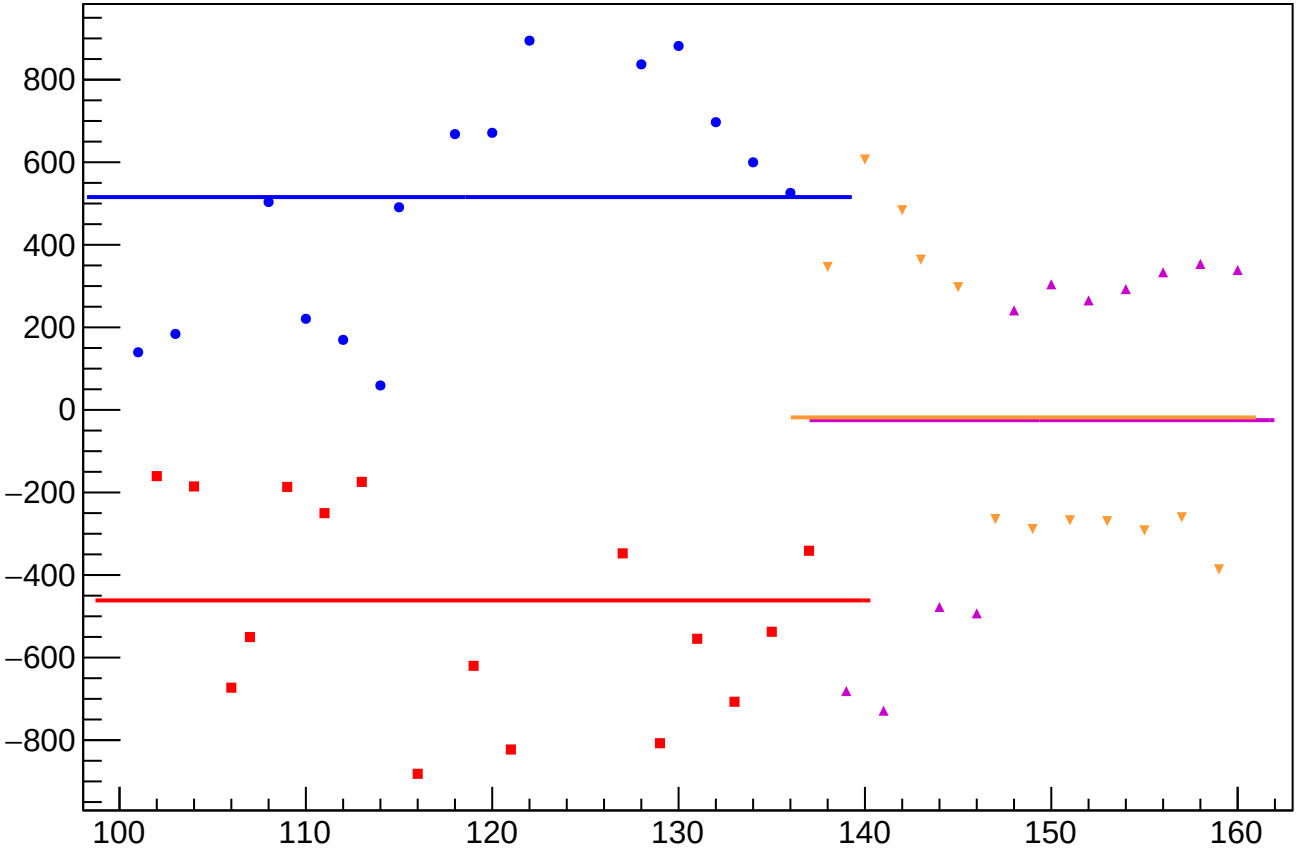
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

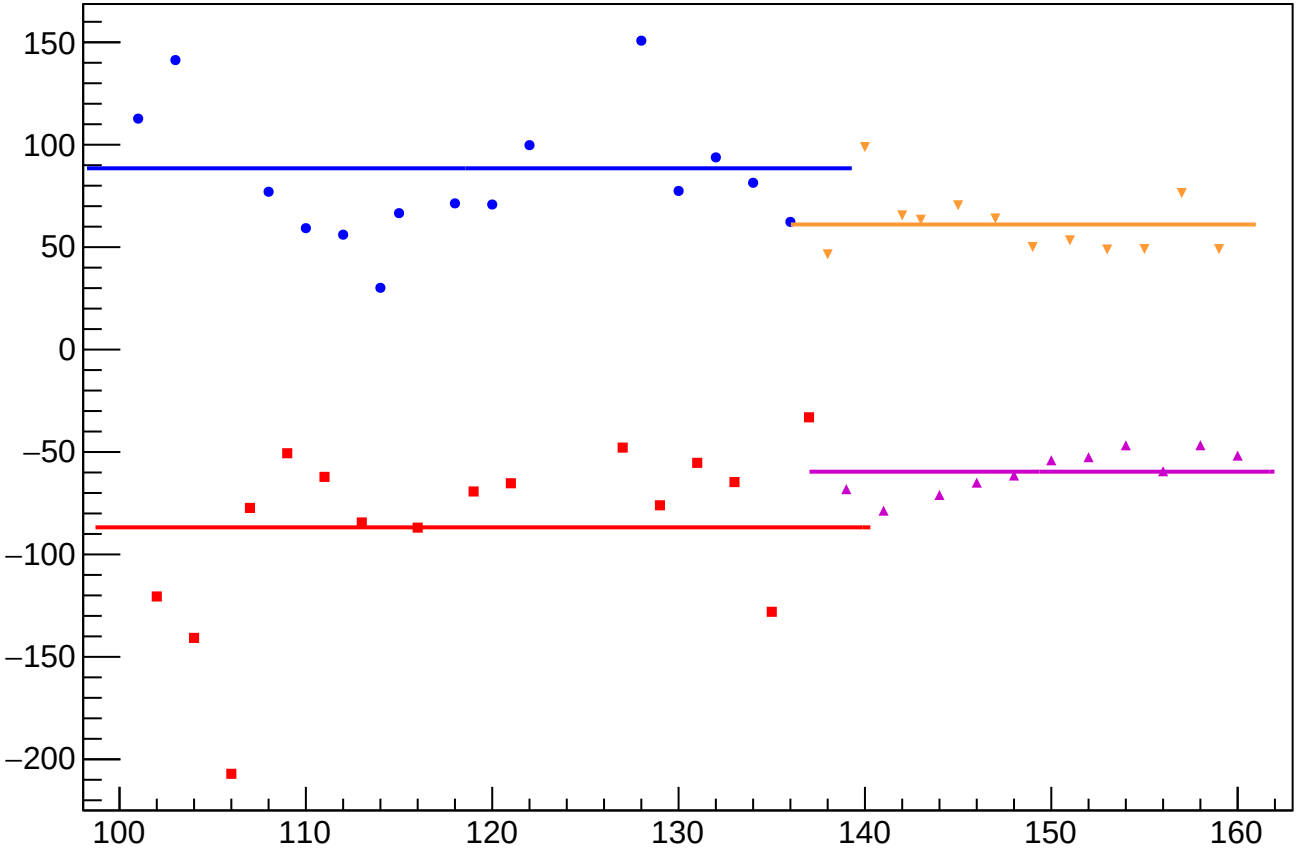
All: -18.335+/-0.000 χ^2/NDF: 441608022845

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

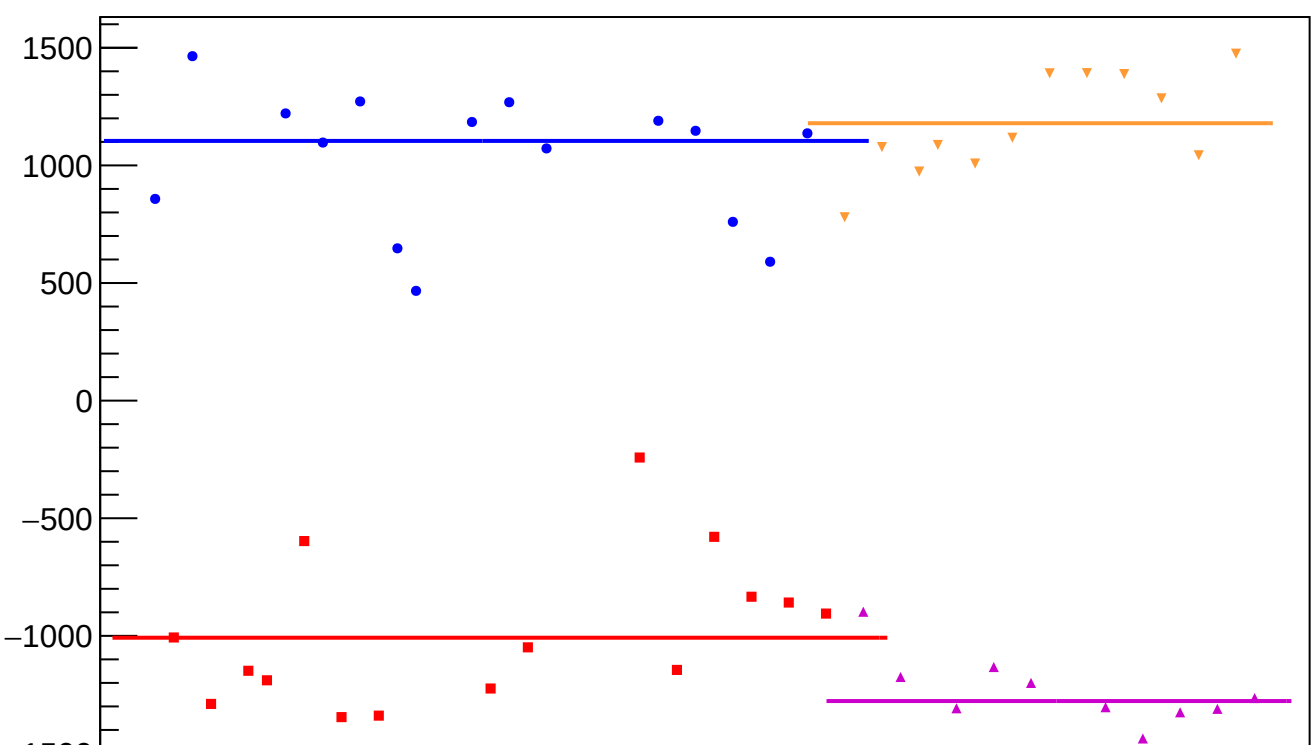
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

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

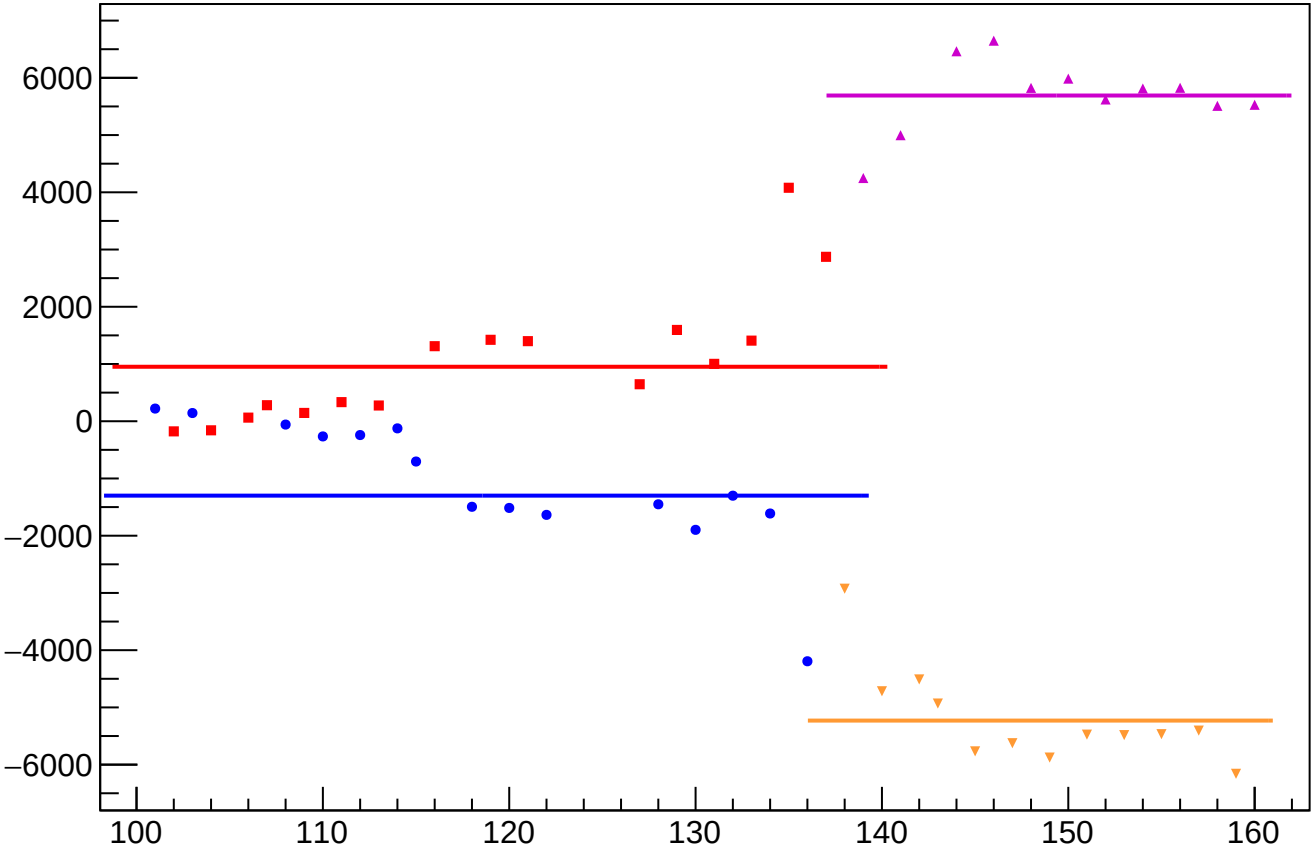
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

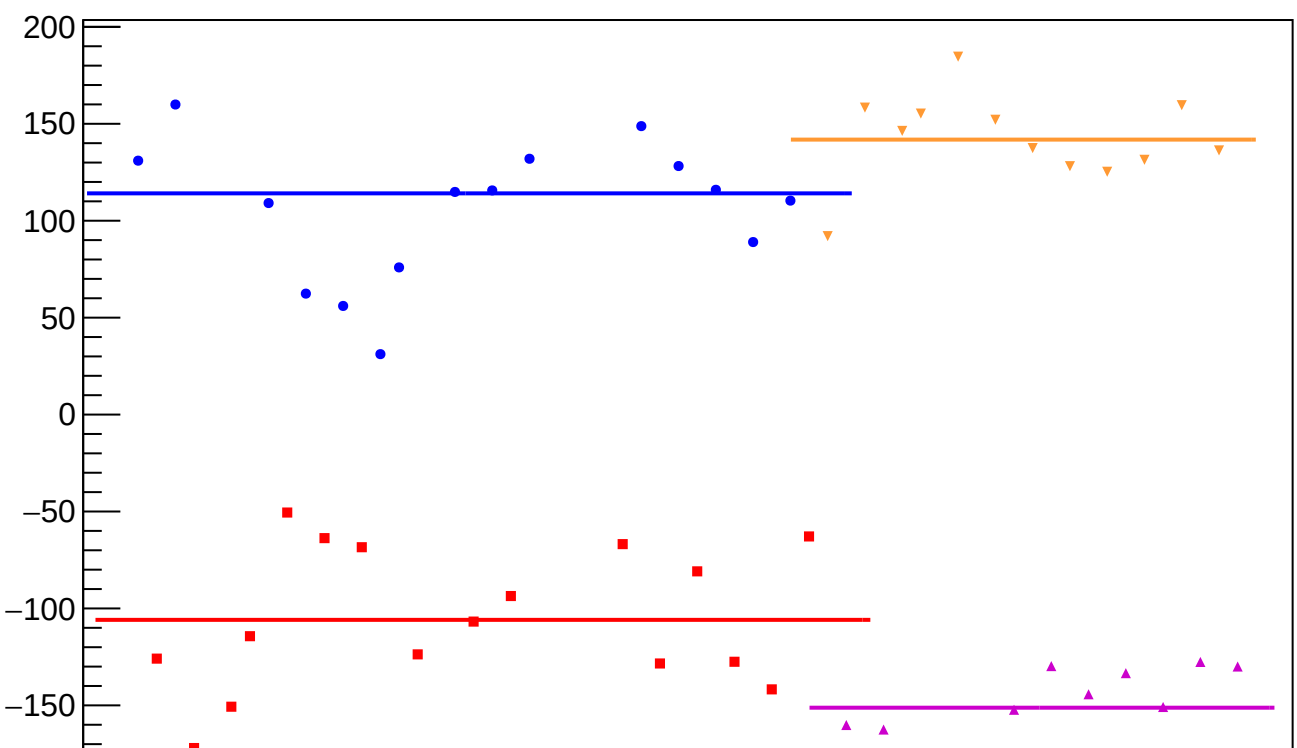
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

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

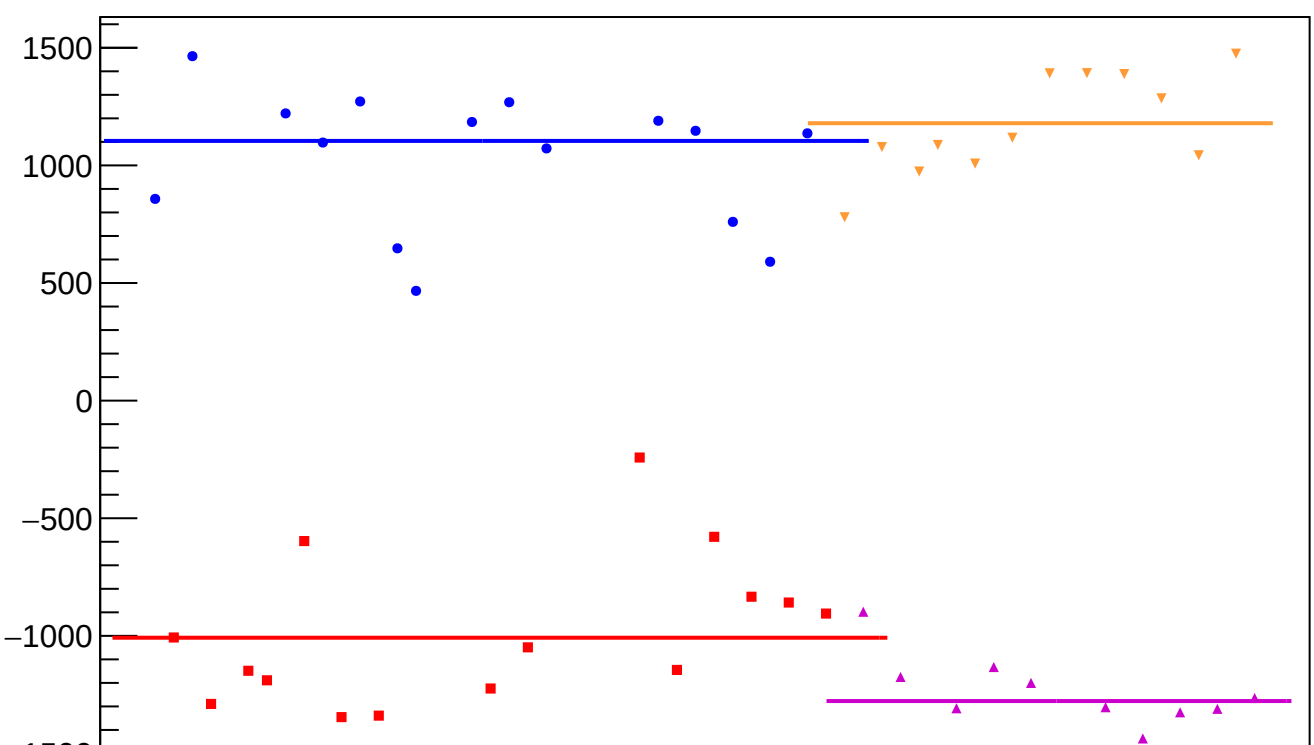
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

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

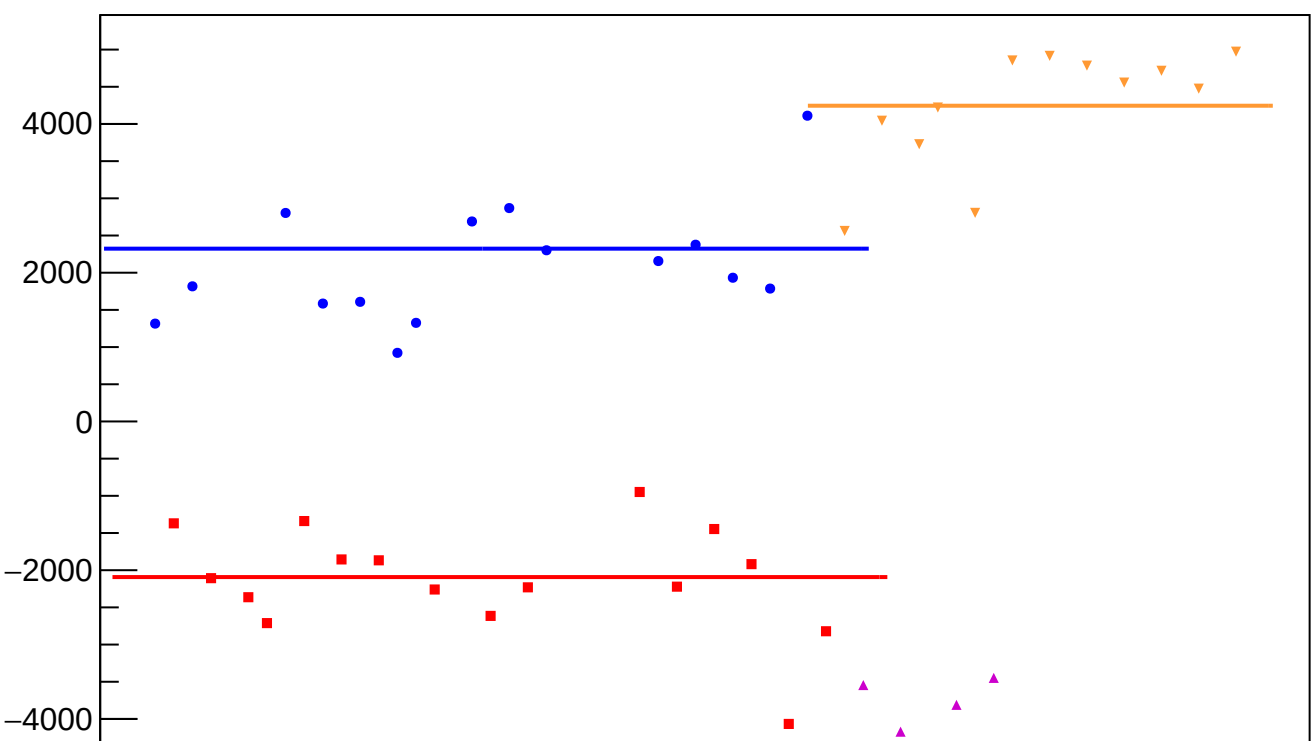
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

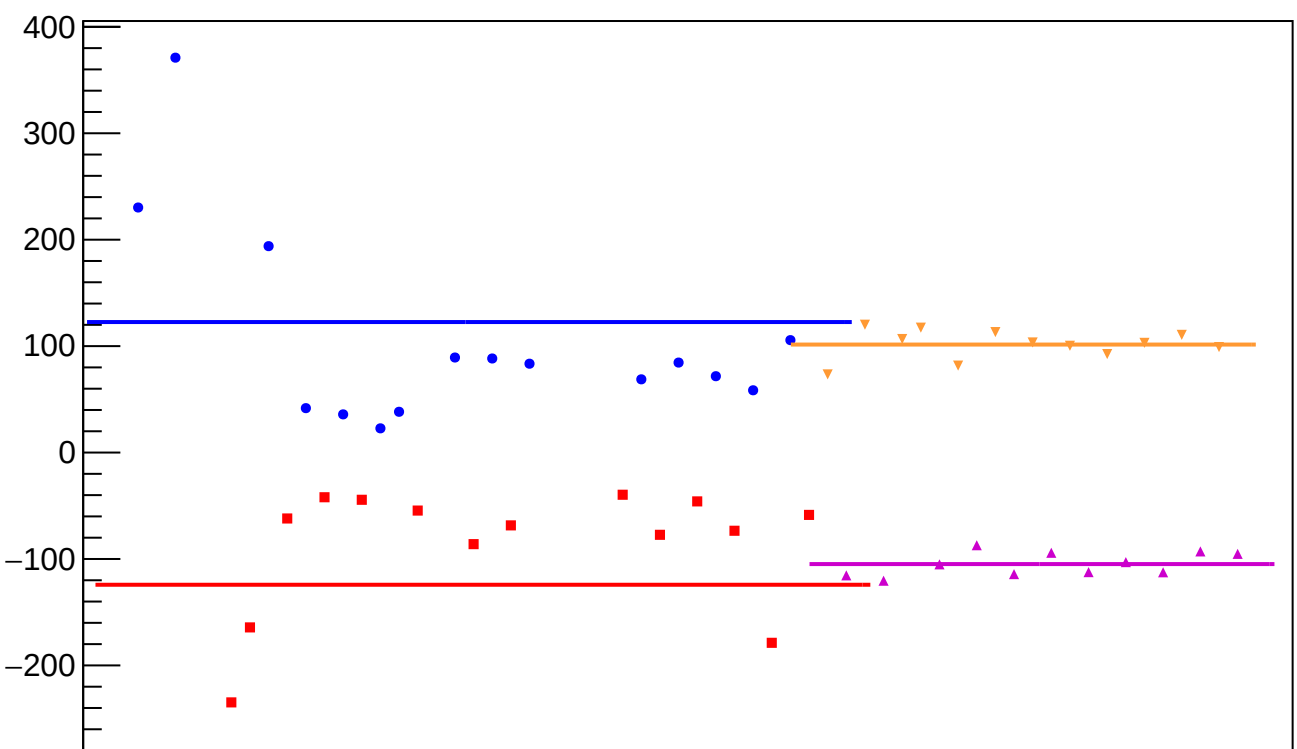
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

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

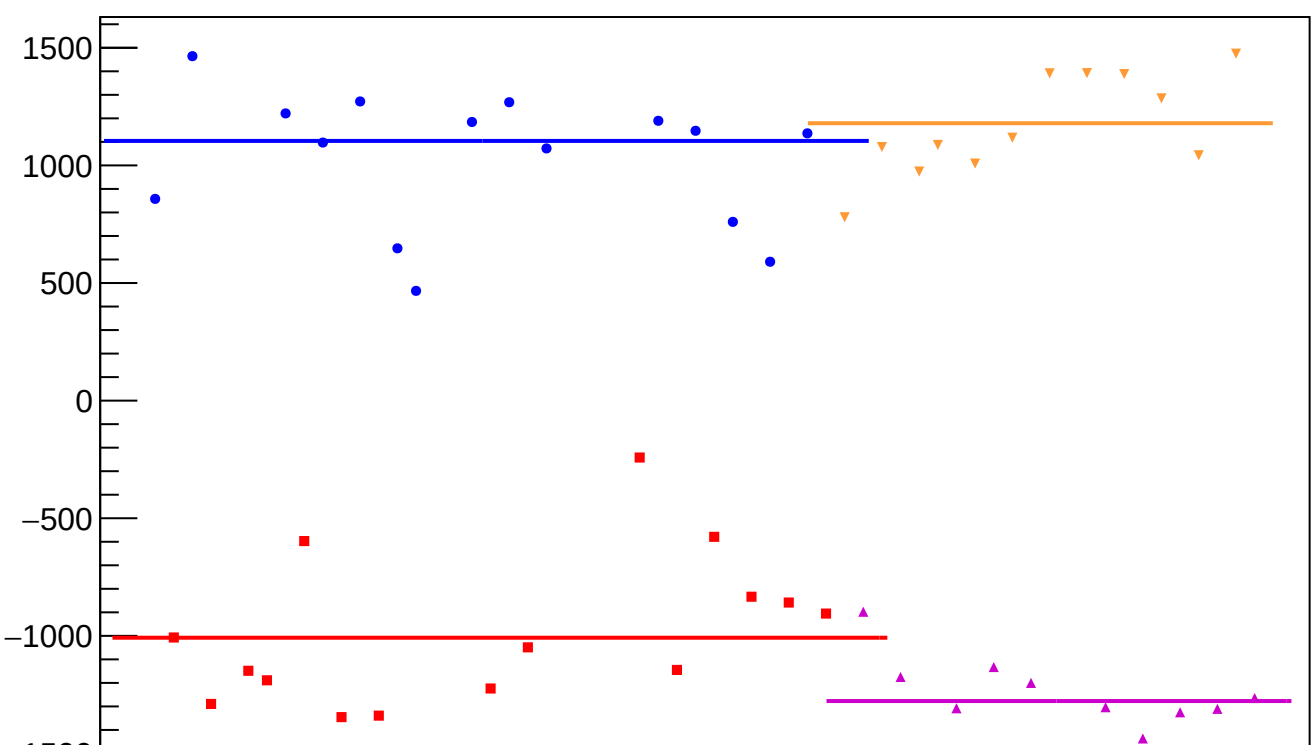
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

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

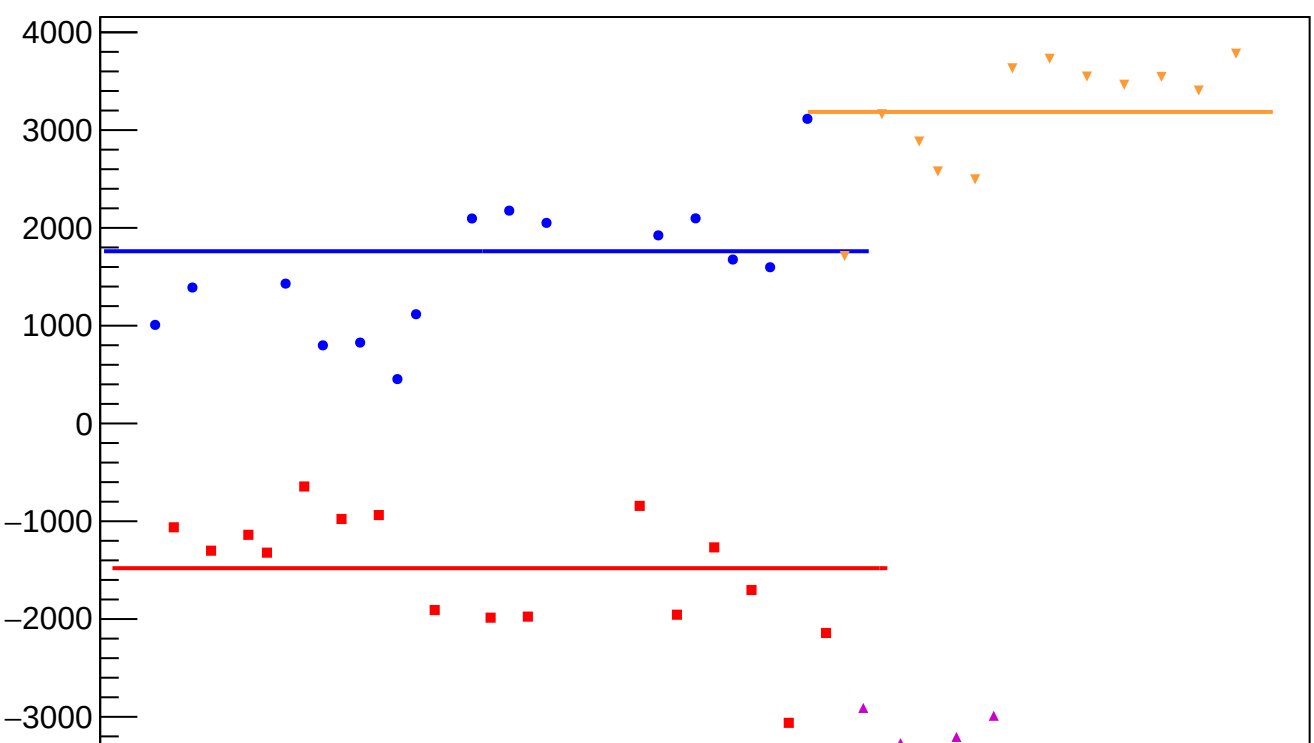
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

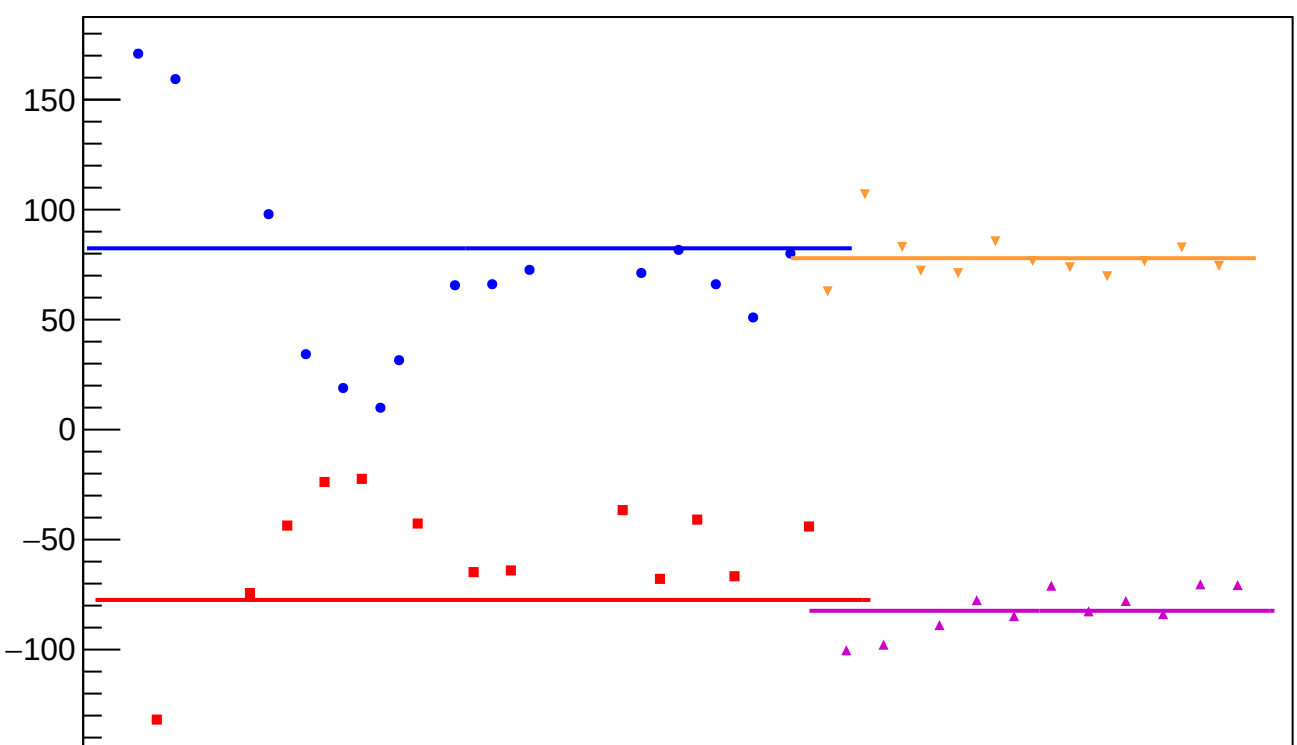
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

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

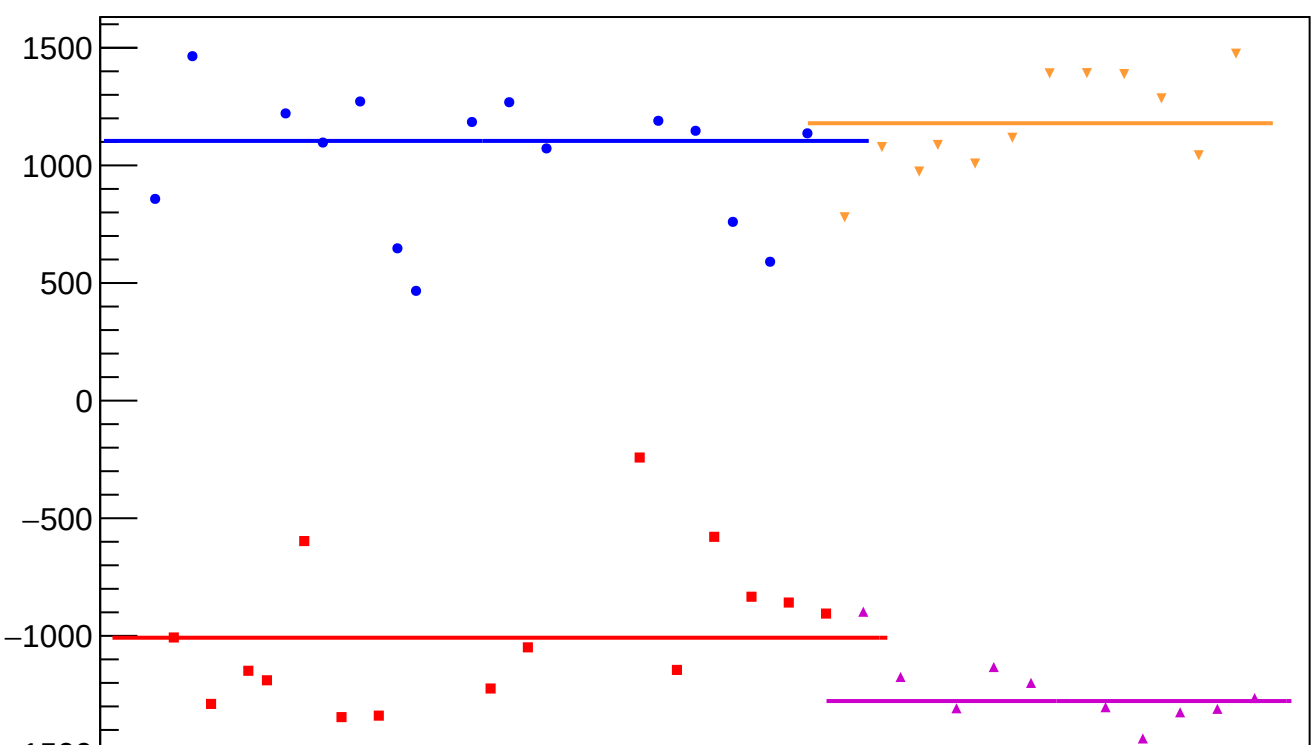
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

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

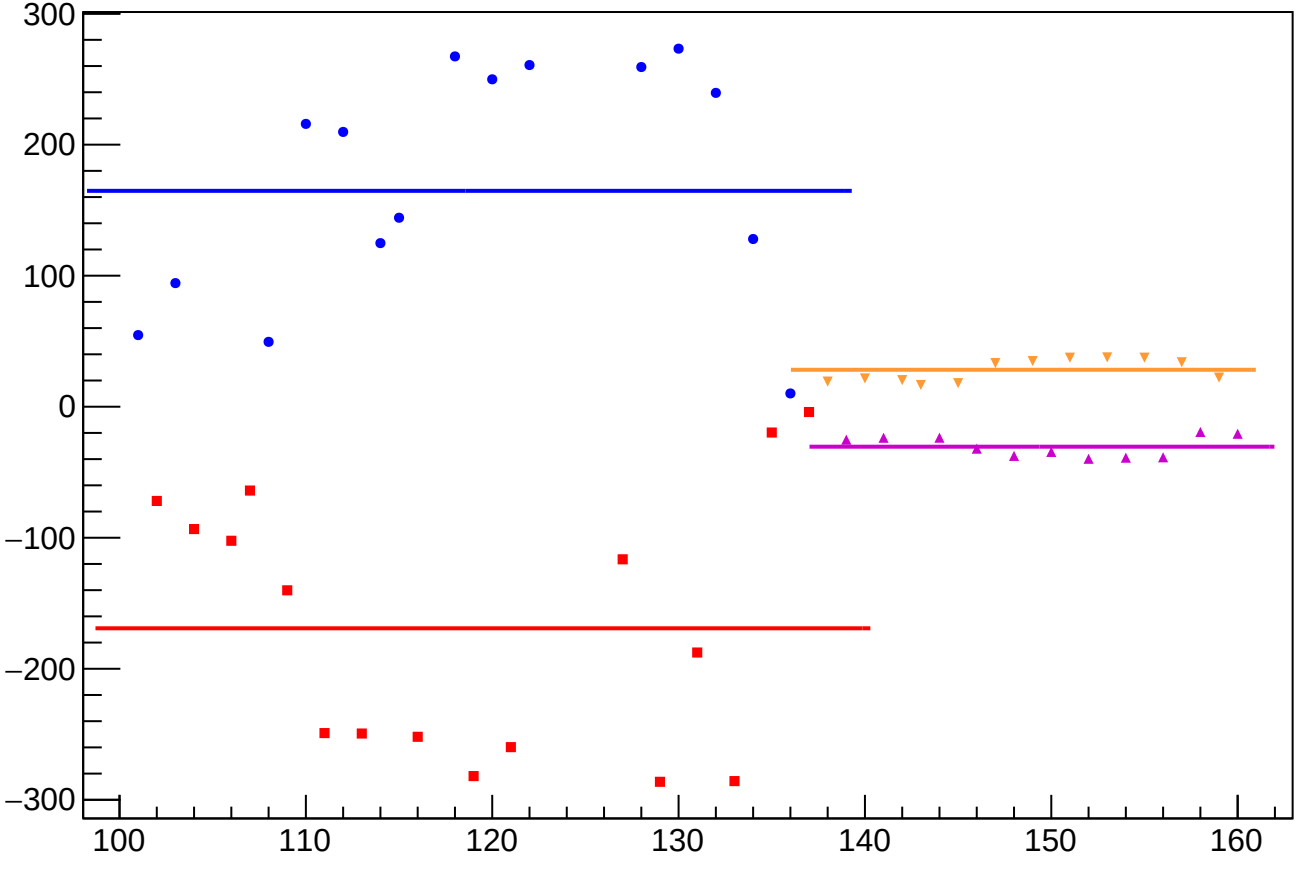
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

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

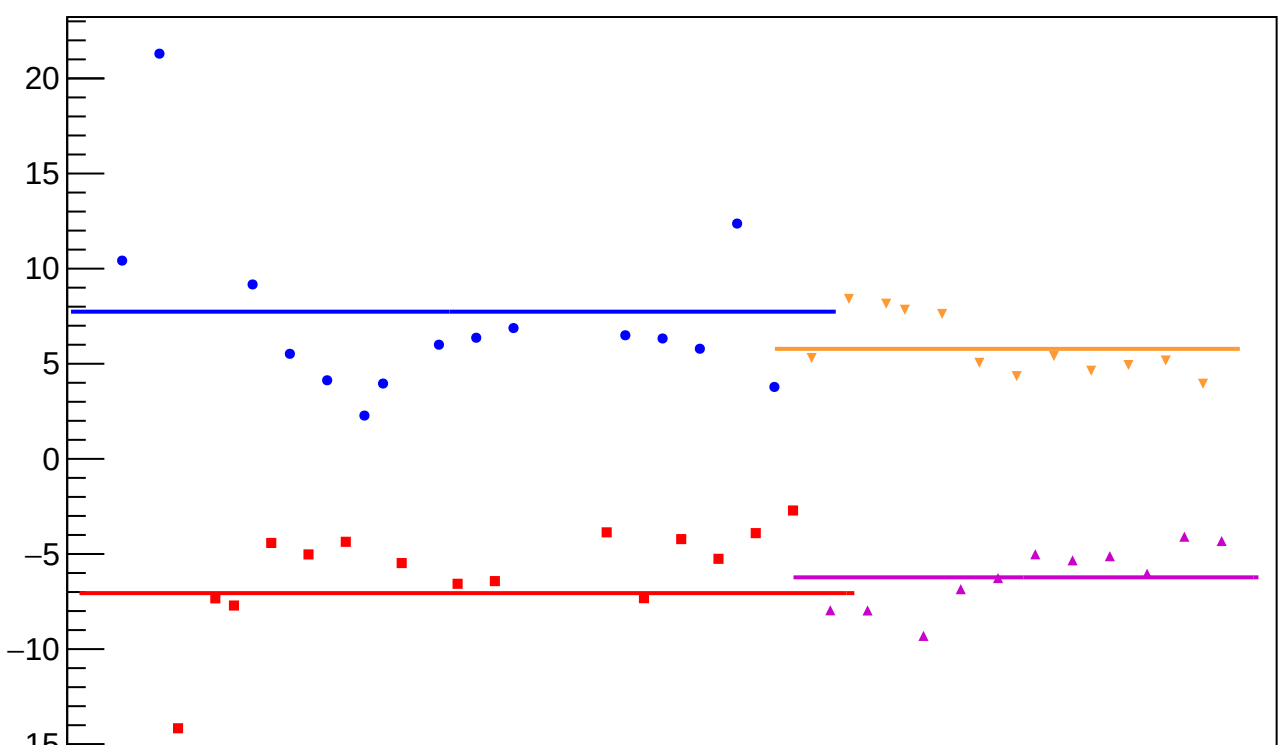
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907148 8.0/15

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

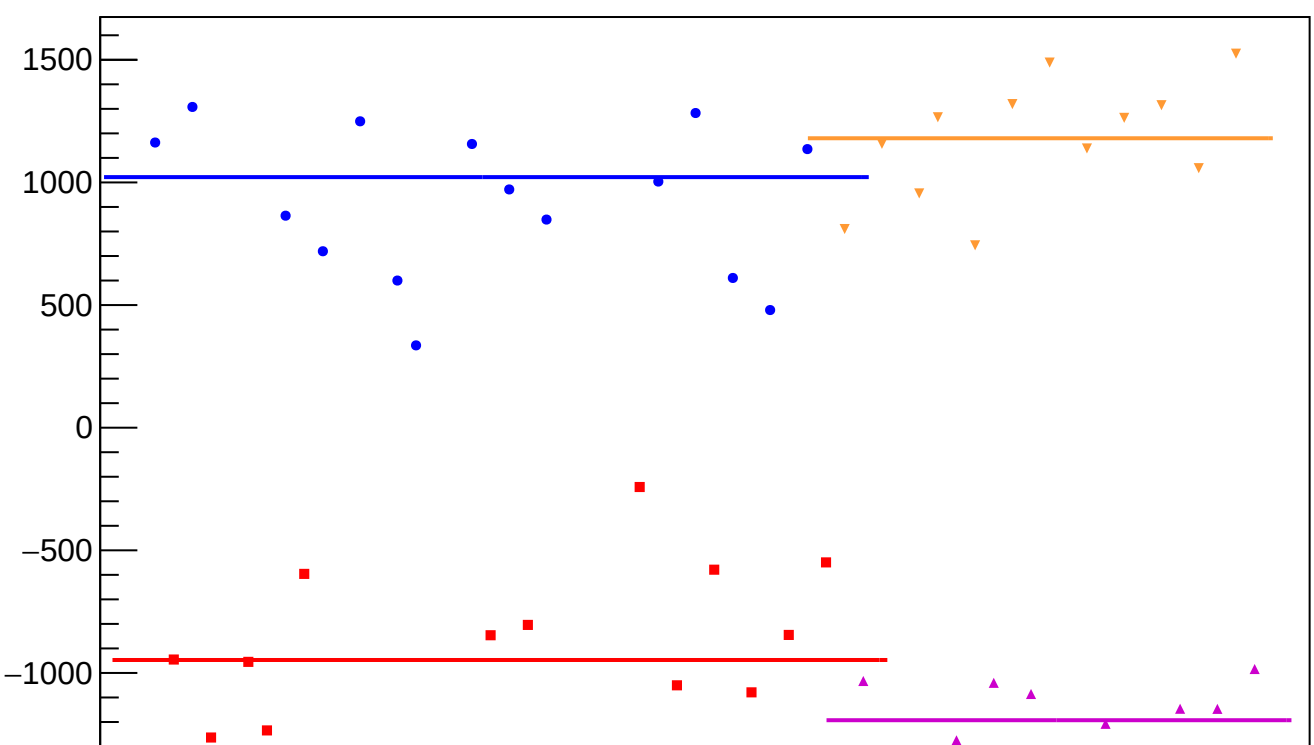
Right: 0.240+/-0.000 χ^2/NDF: 9842438924998126 8

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

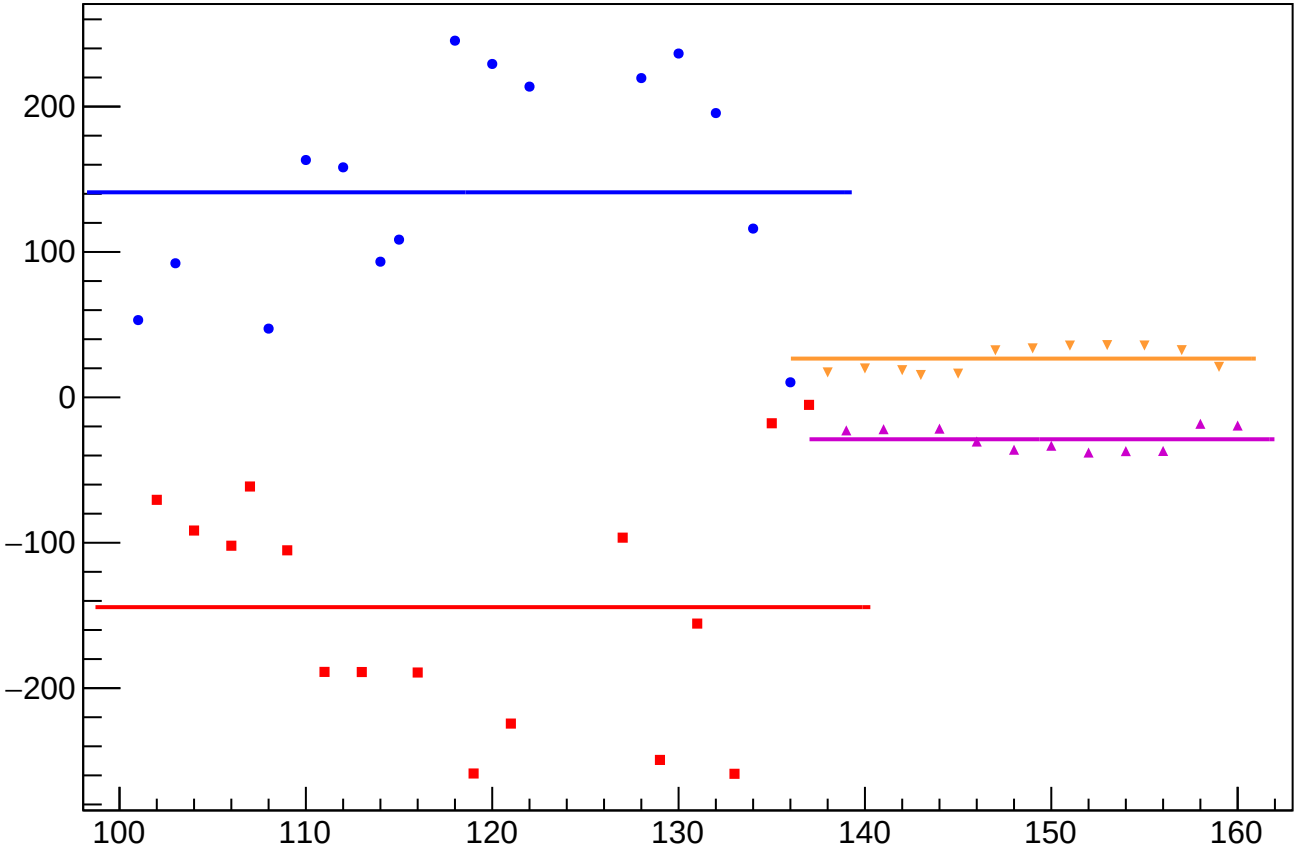
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

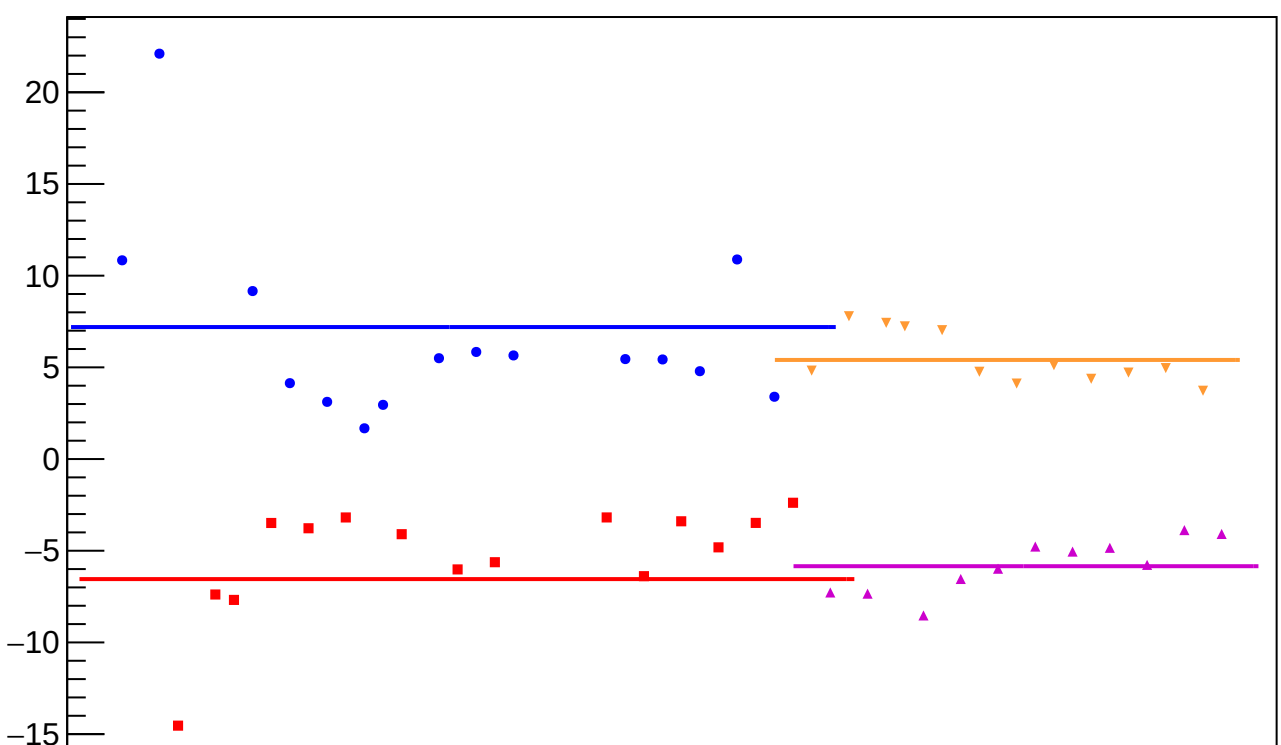
Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

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

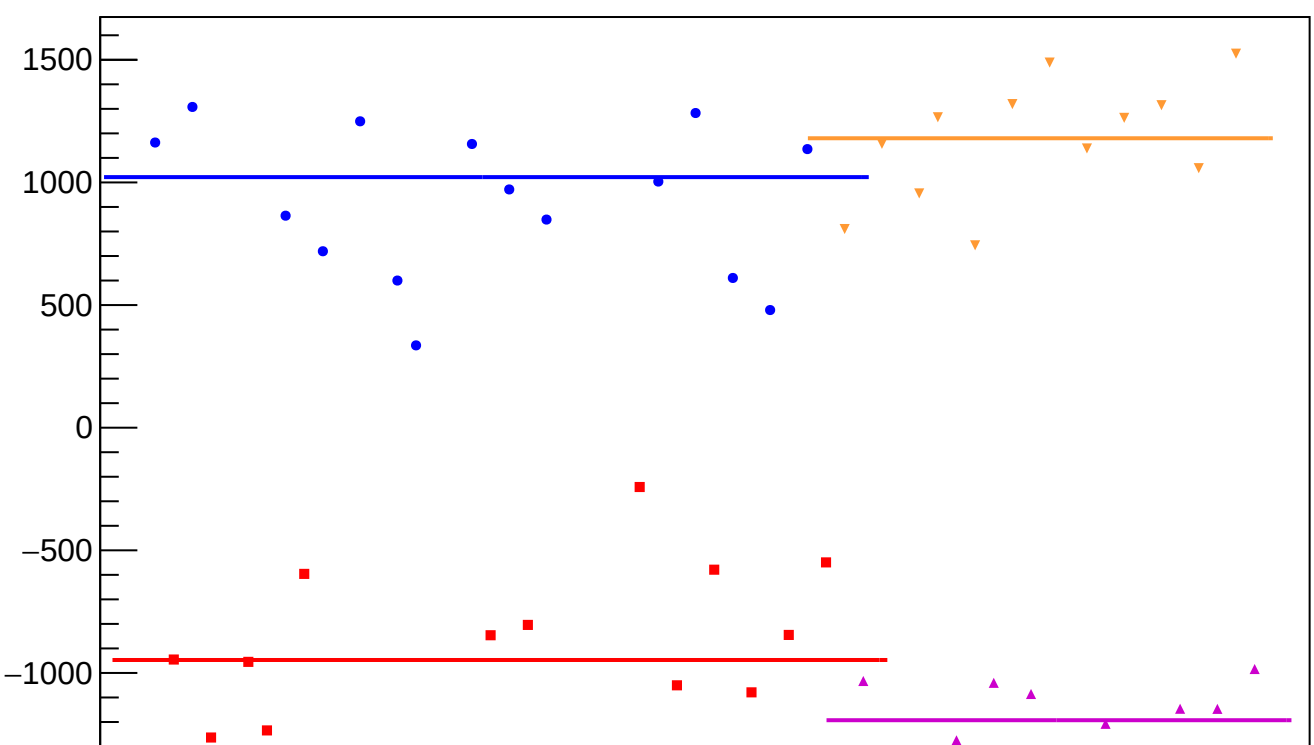
Right: 0.232+/-0.000 χ^2/NDF: 9443088474536779 1

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

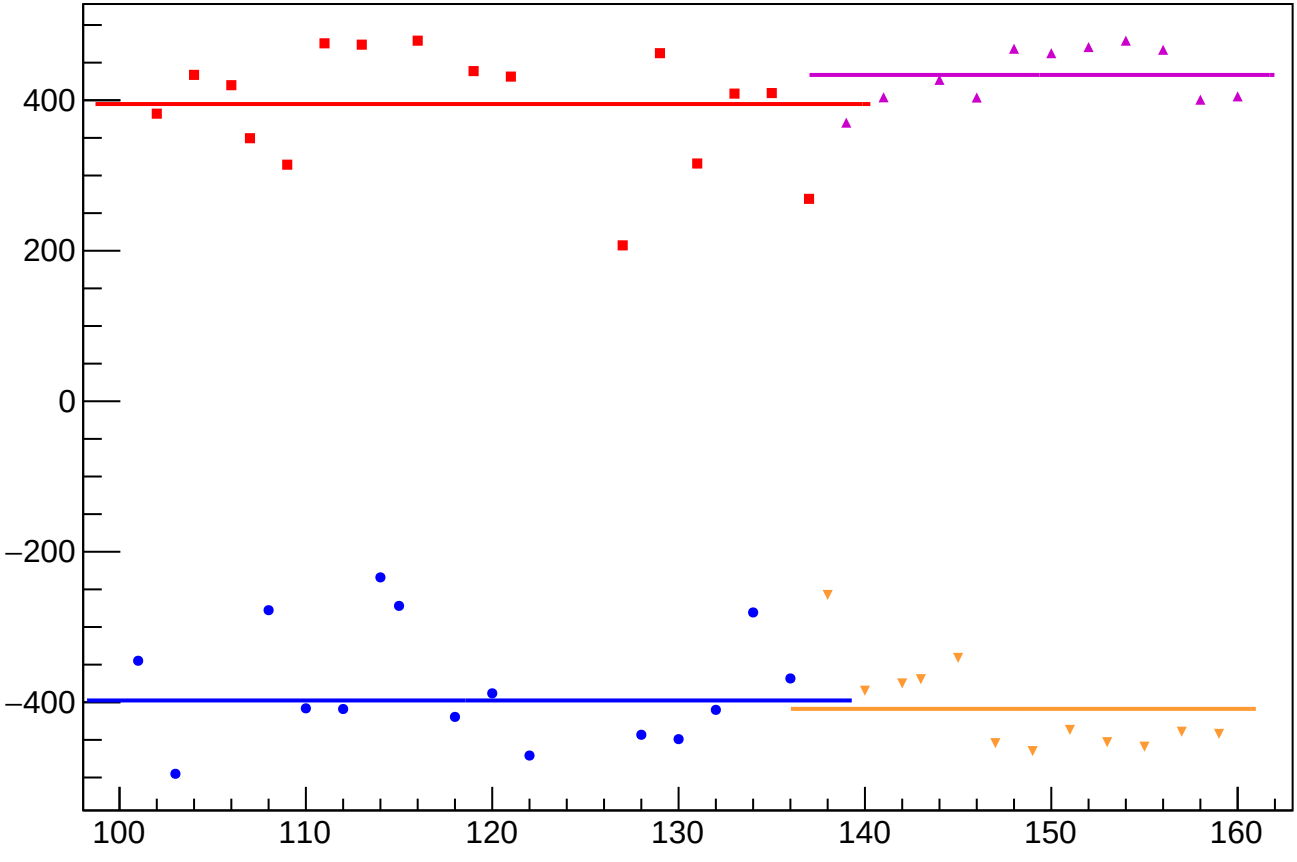
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

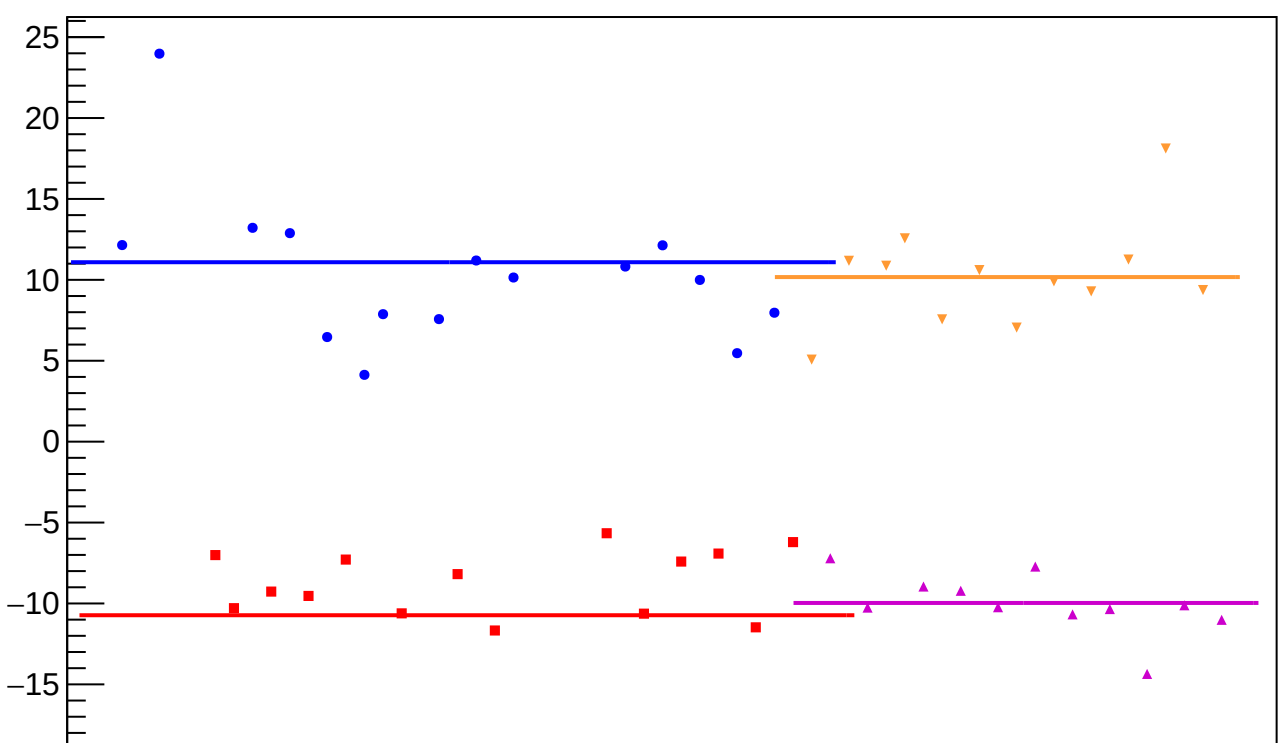
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

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

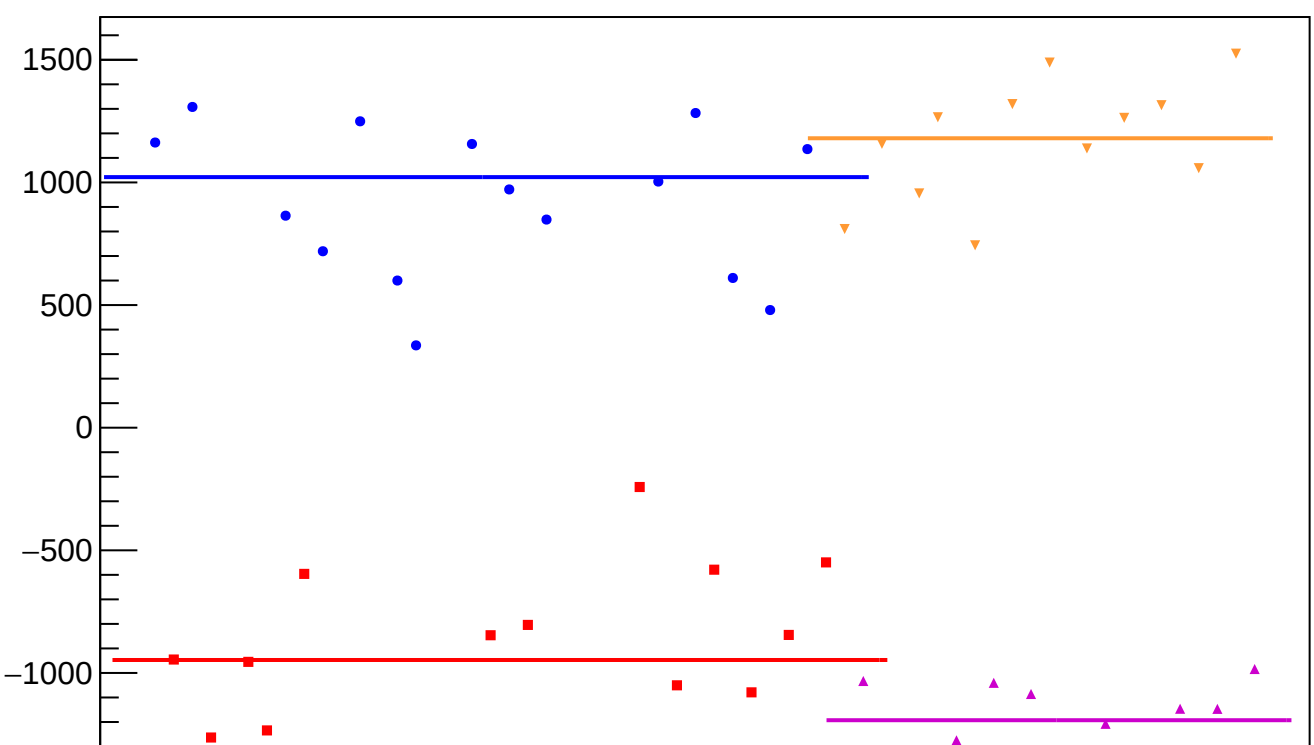
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

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

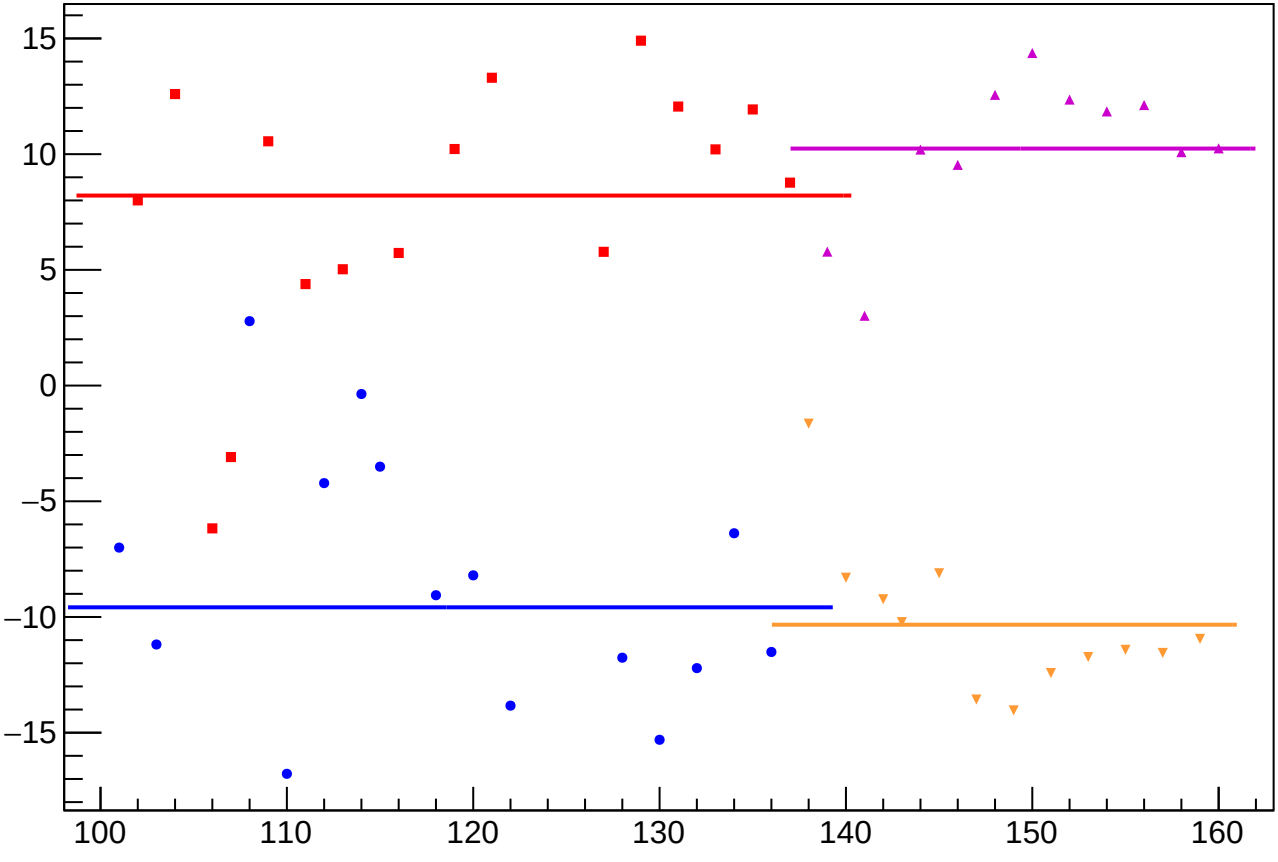
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

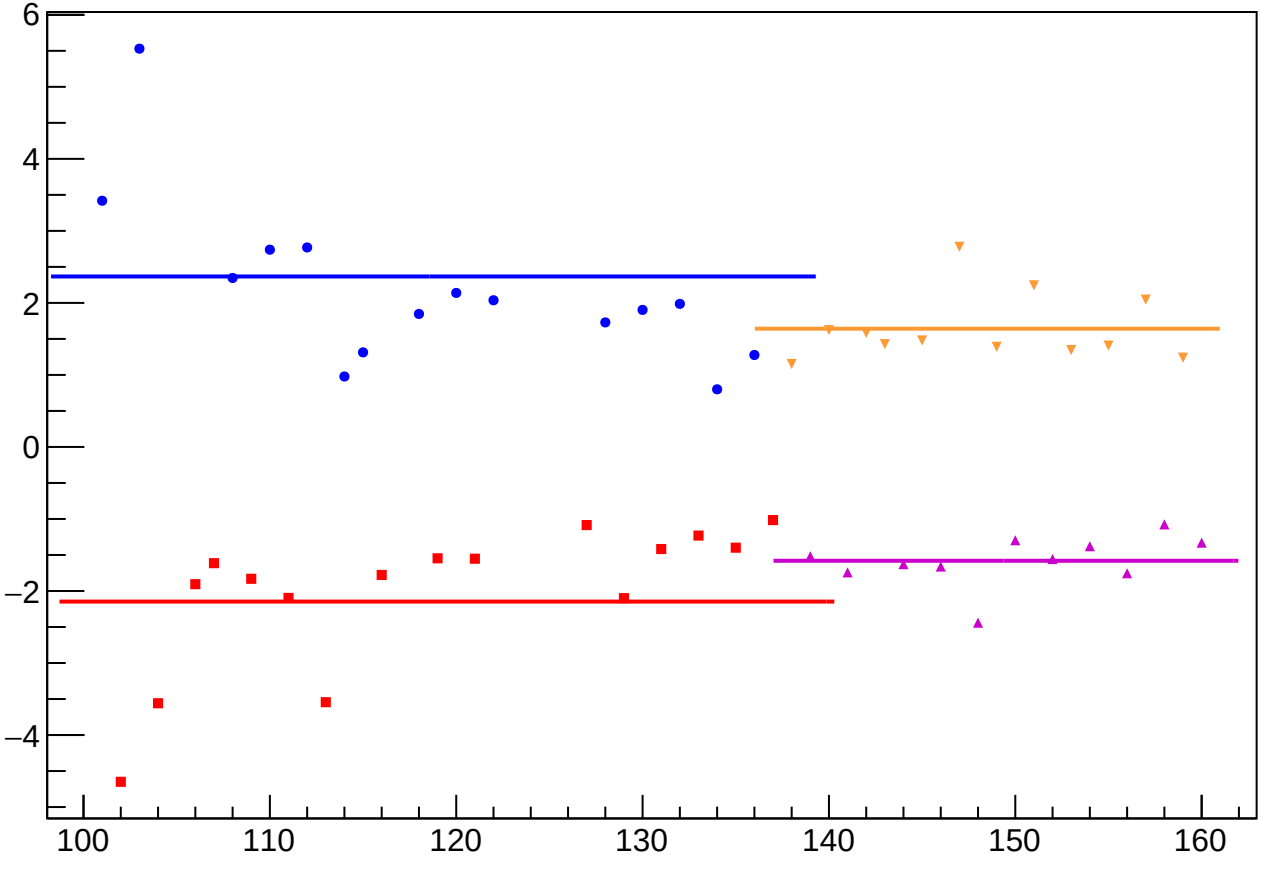
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445 4912.0/15

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

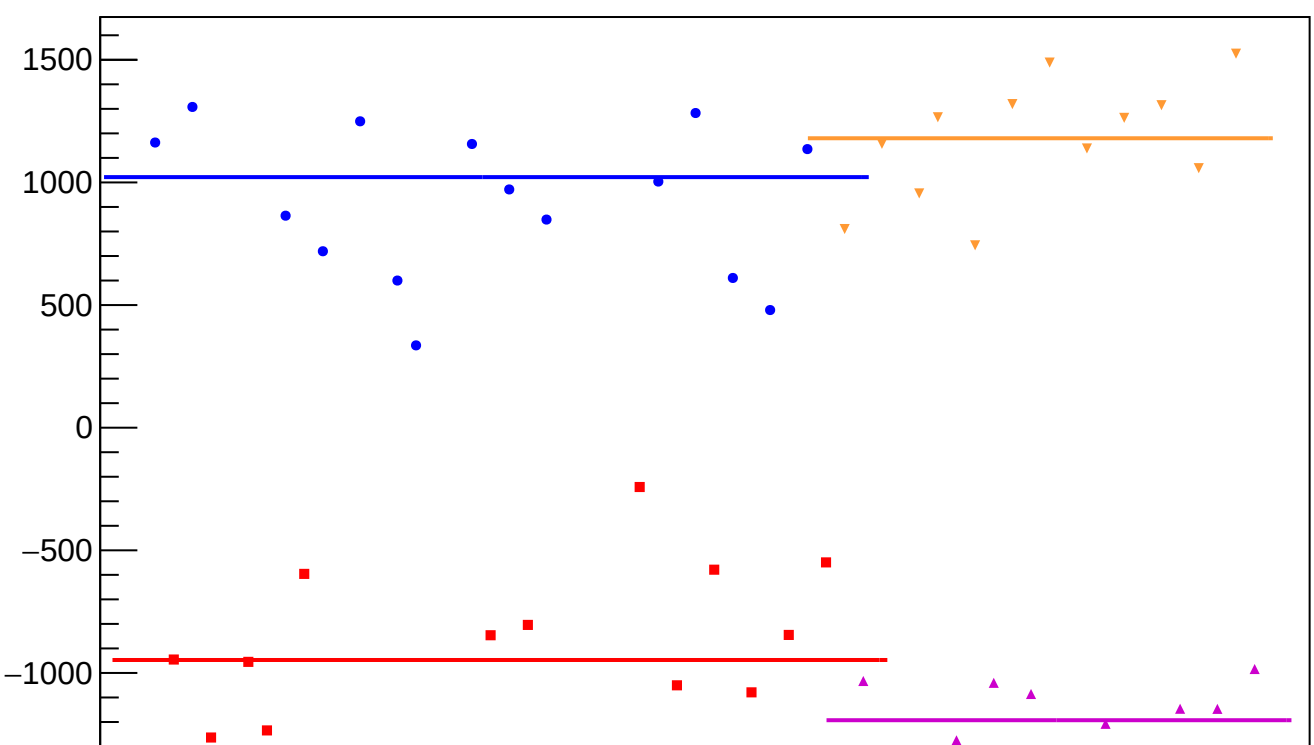
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

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

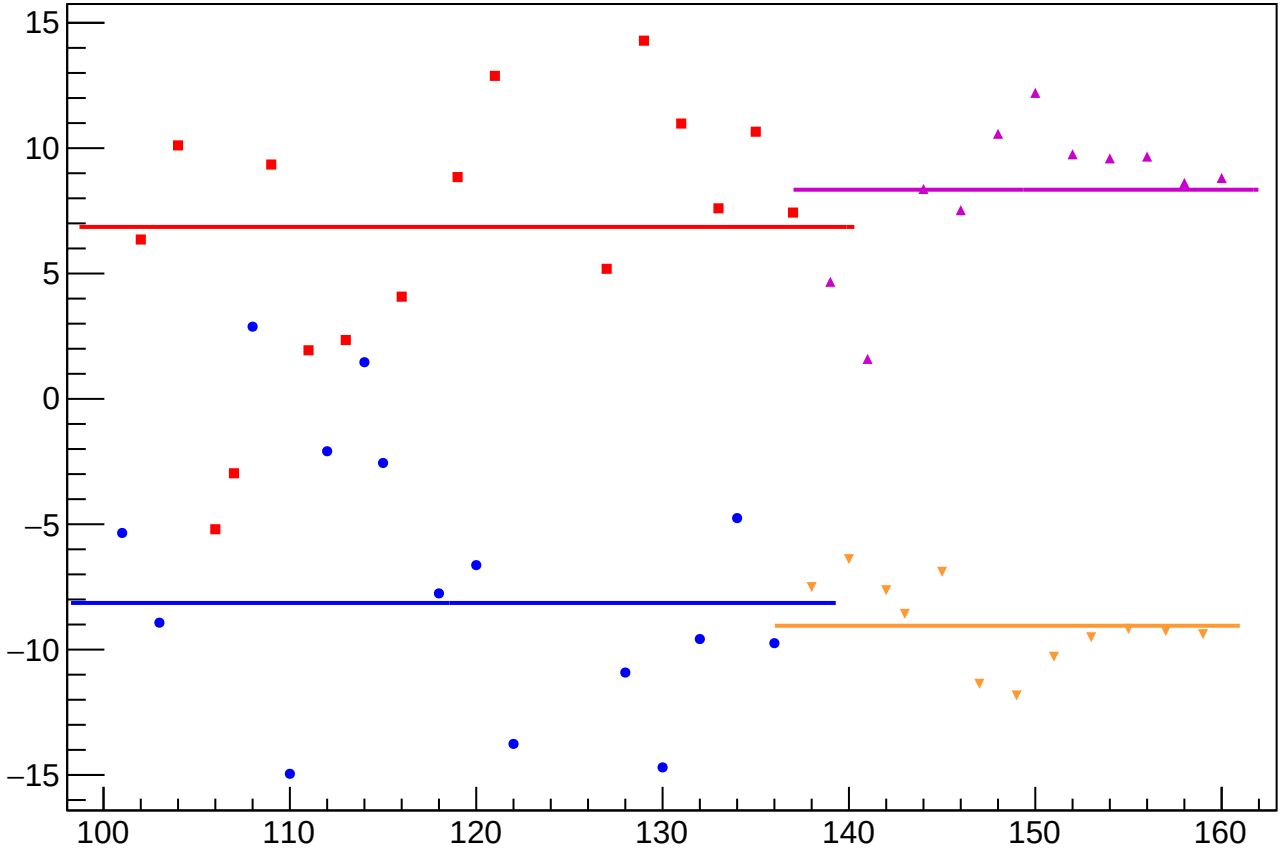
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

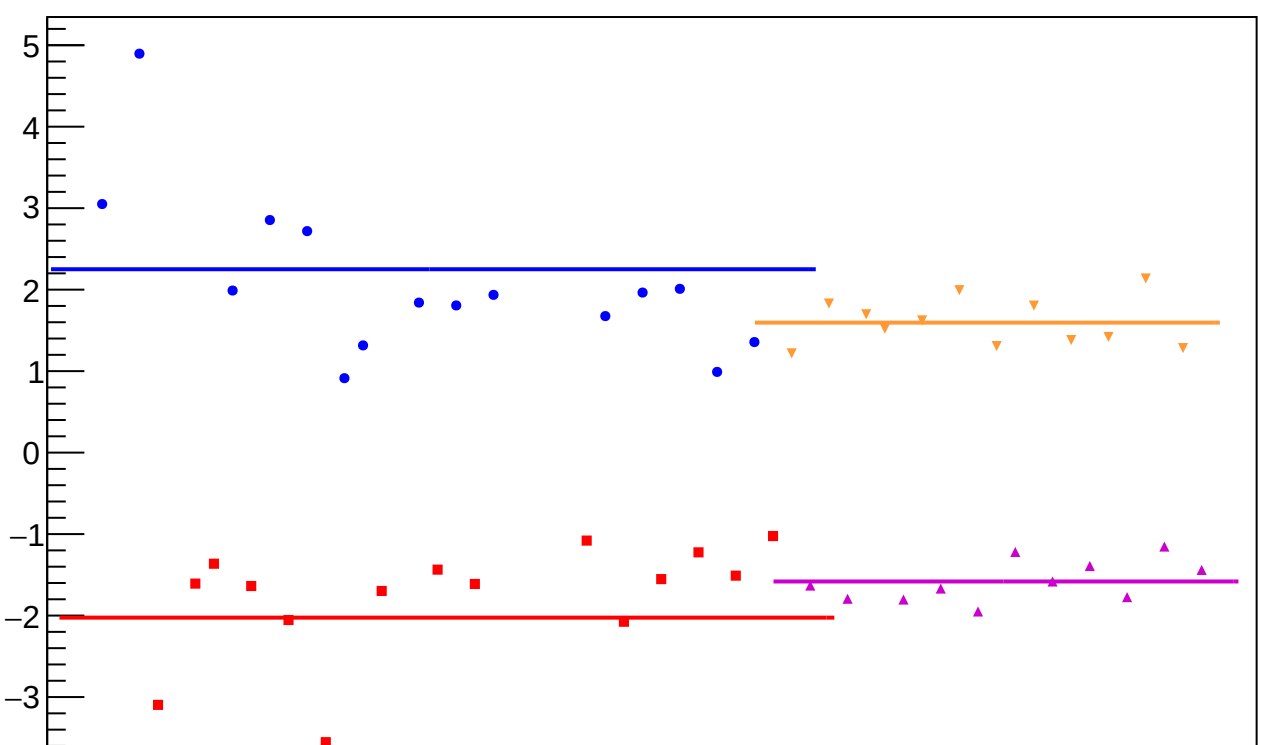
Right Out: 6.859+/-0.000 χ^2/NDF: 16483631561591790731352632153079808.0/15

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

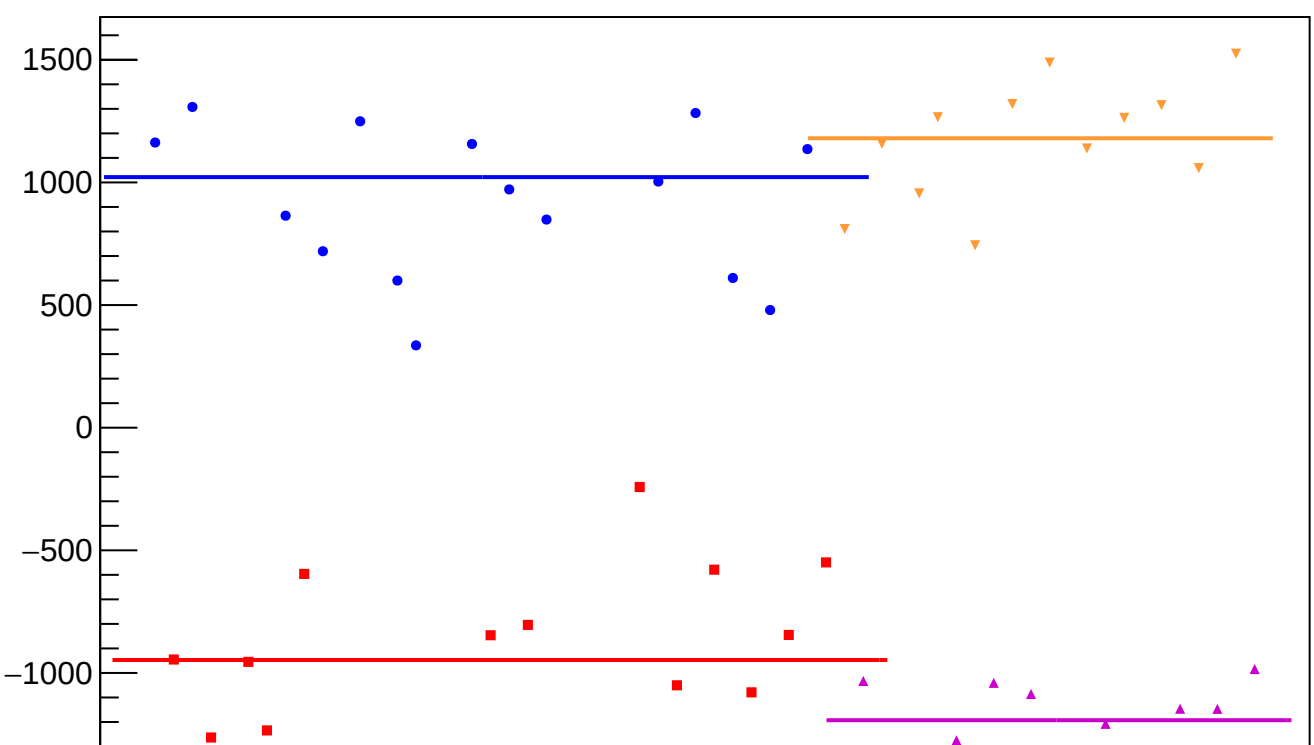
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

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

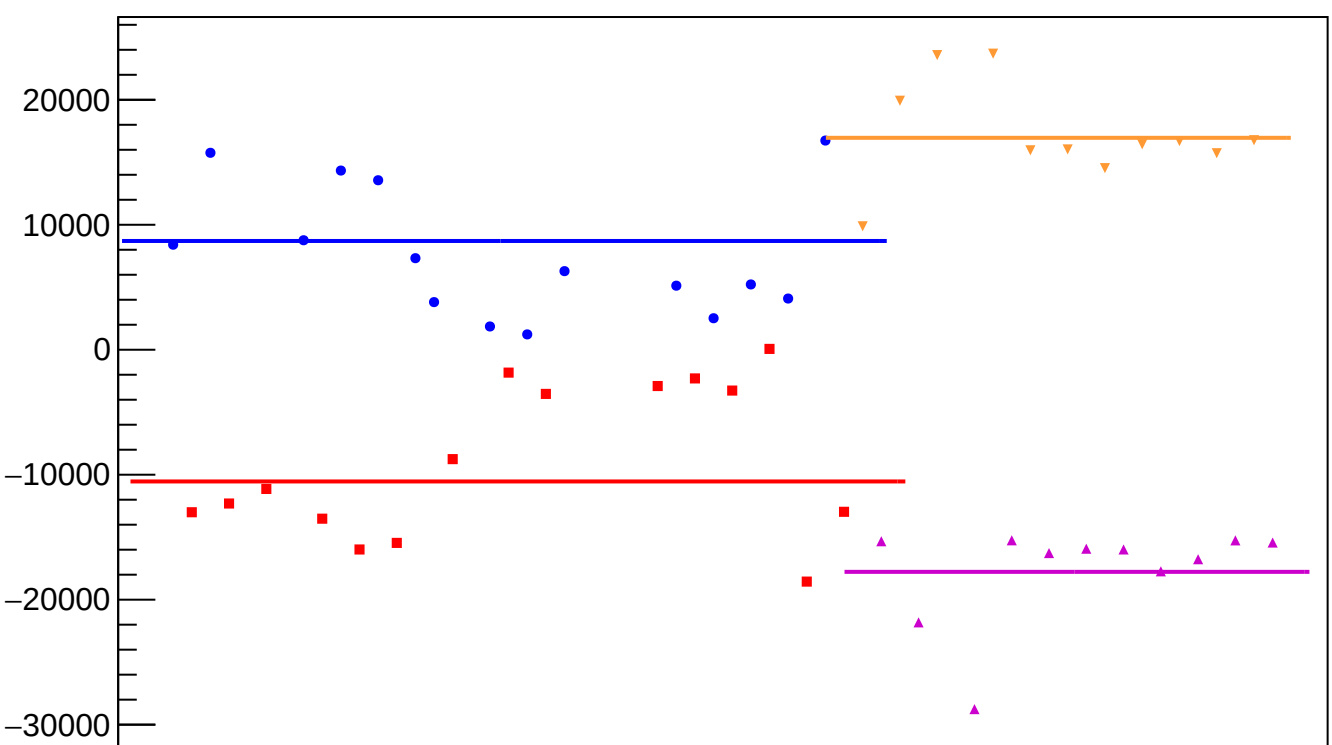
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

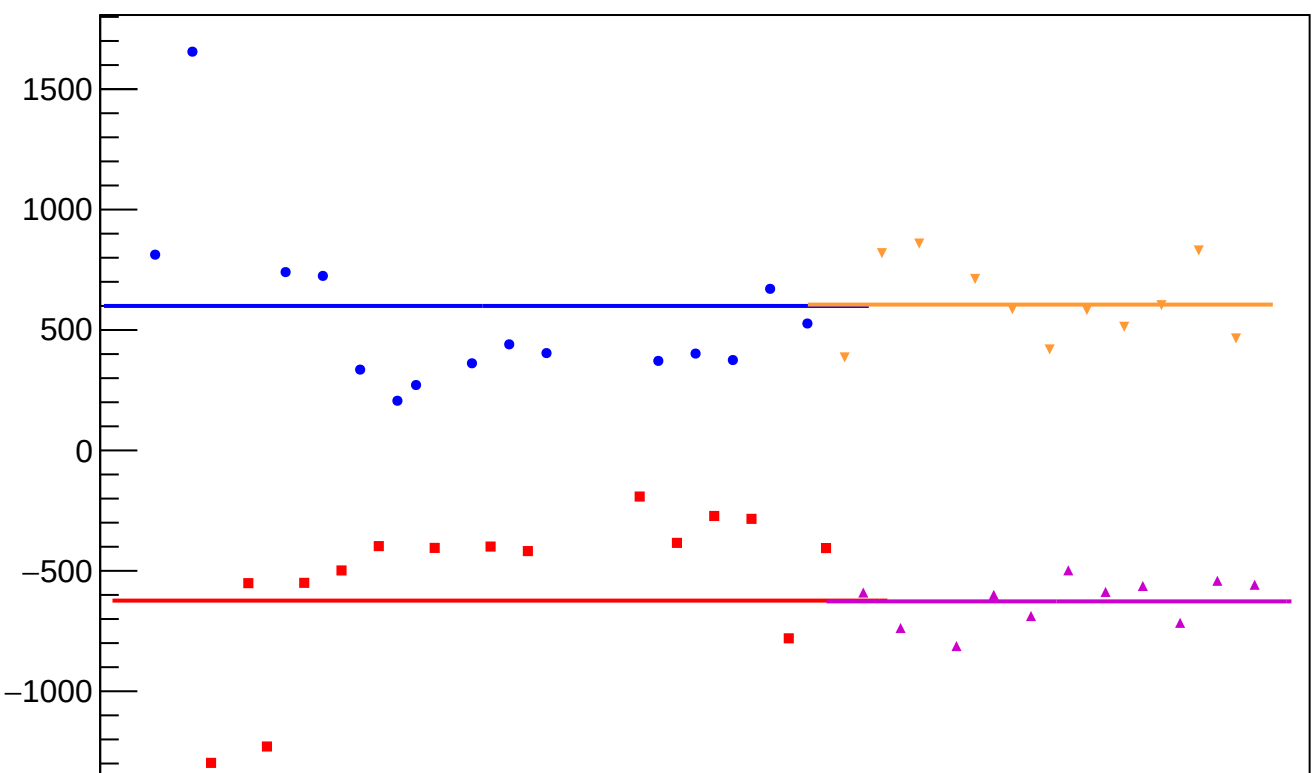
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

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

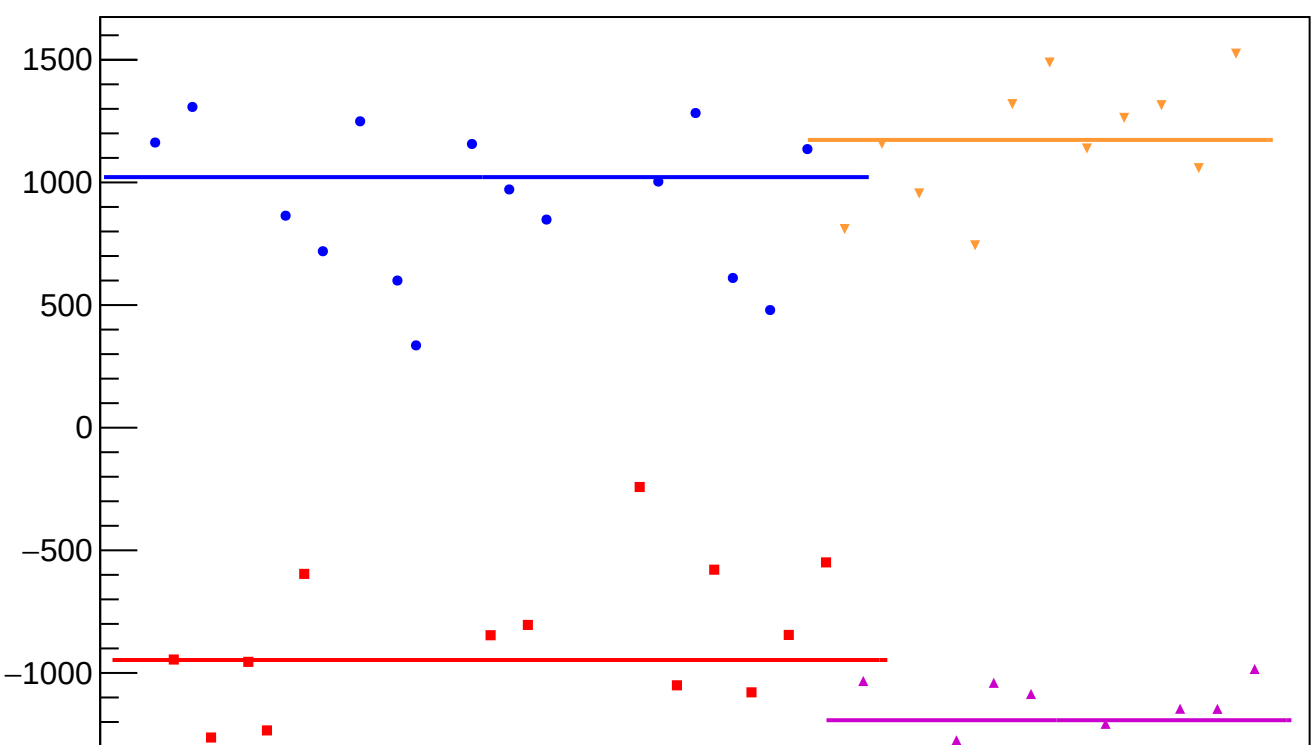
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

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

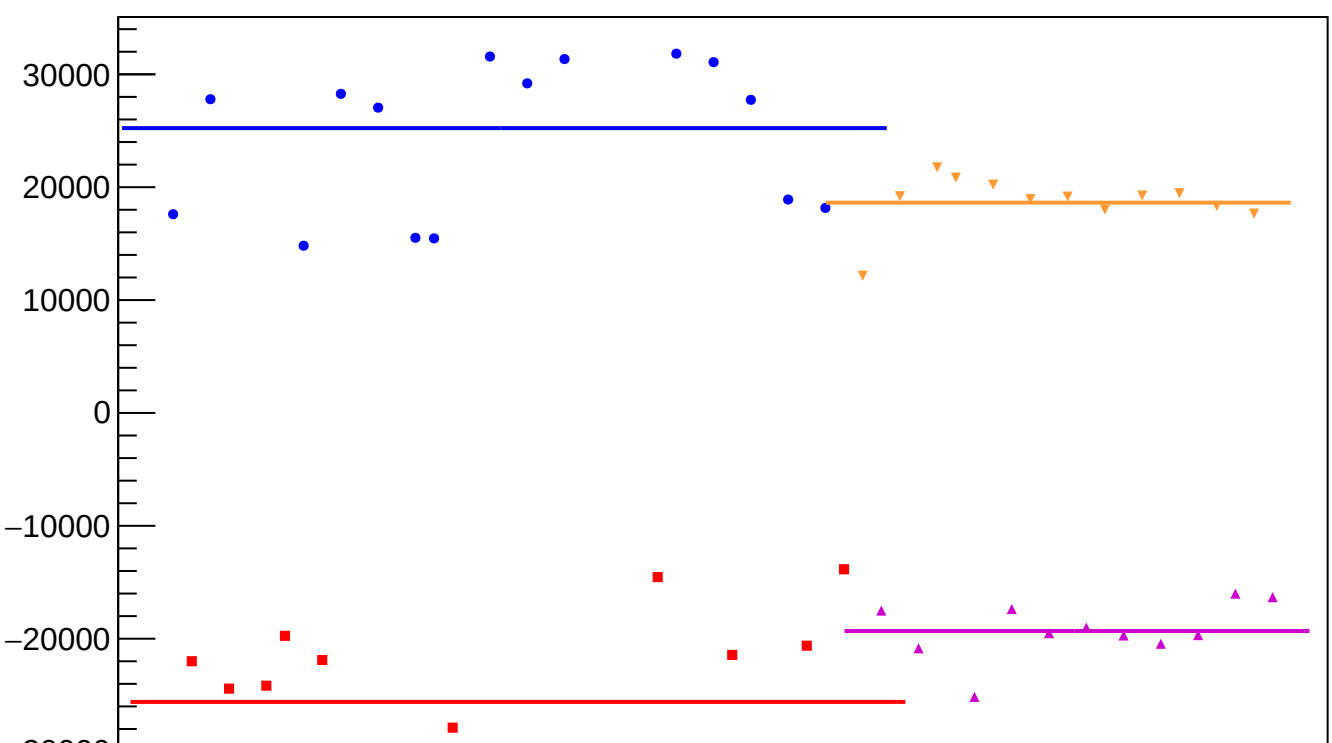
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

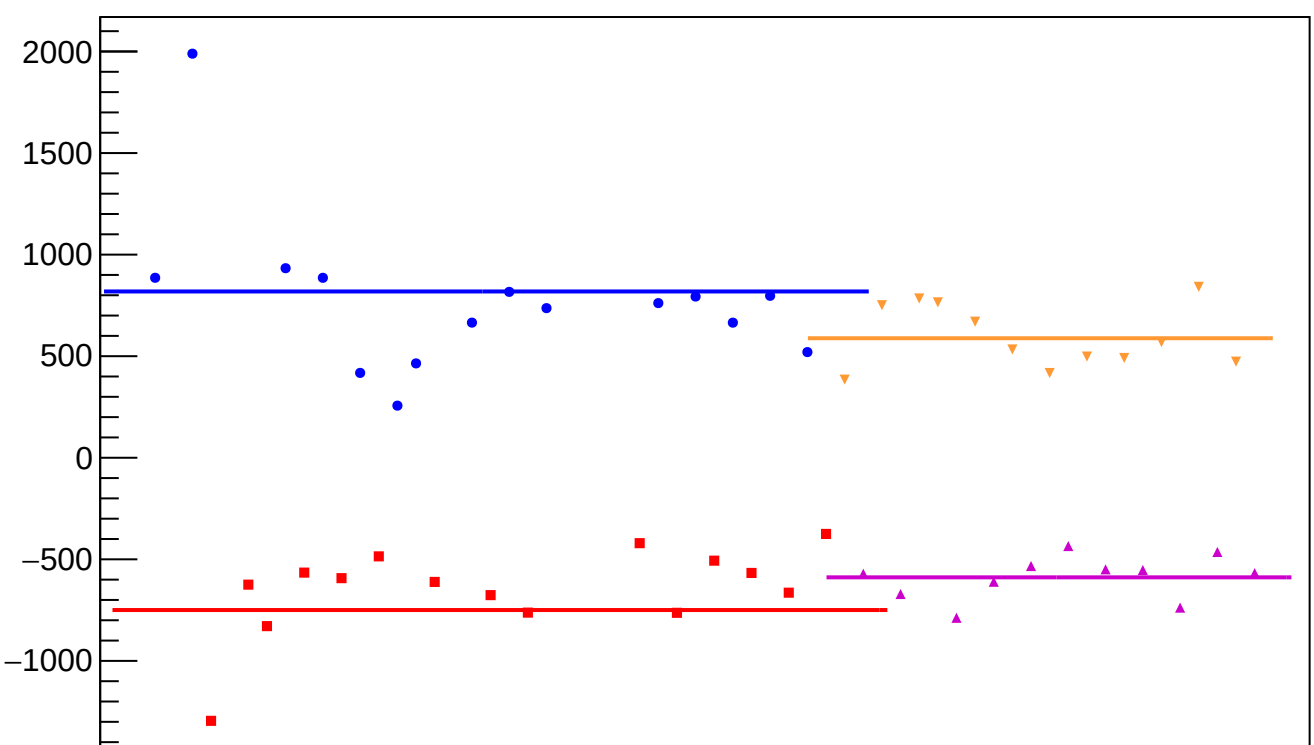
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

Out: -30.202+/-0.000 χ^2/NDF:7832790364927991

Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

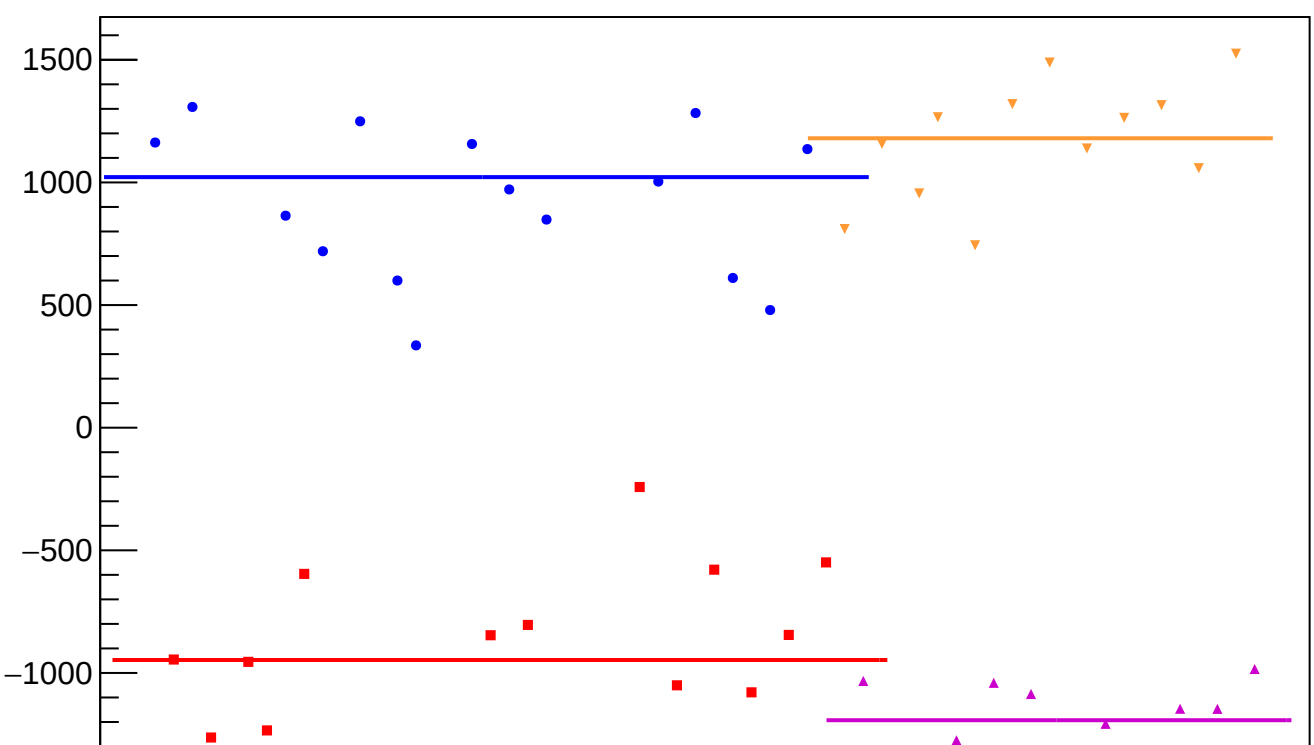
All: -483.976+/-0.000 χ^2/NDF: 15707826192

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

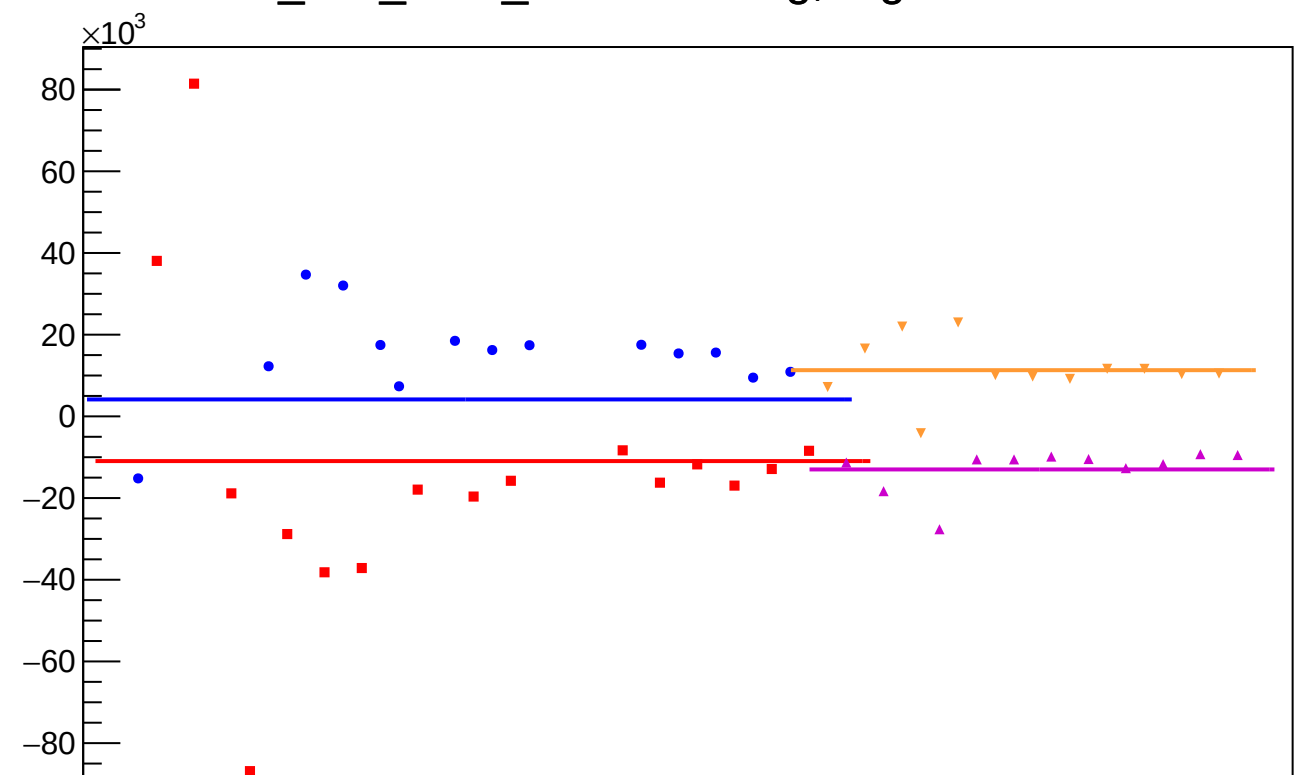
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

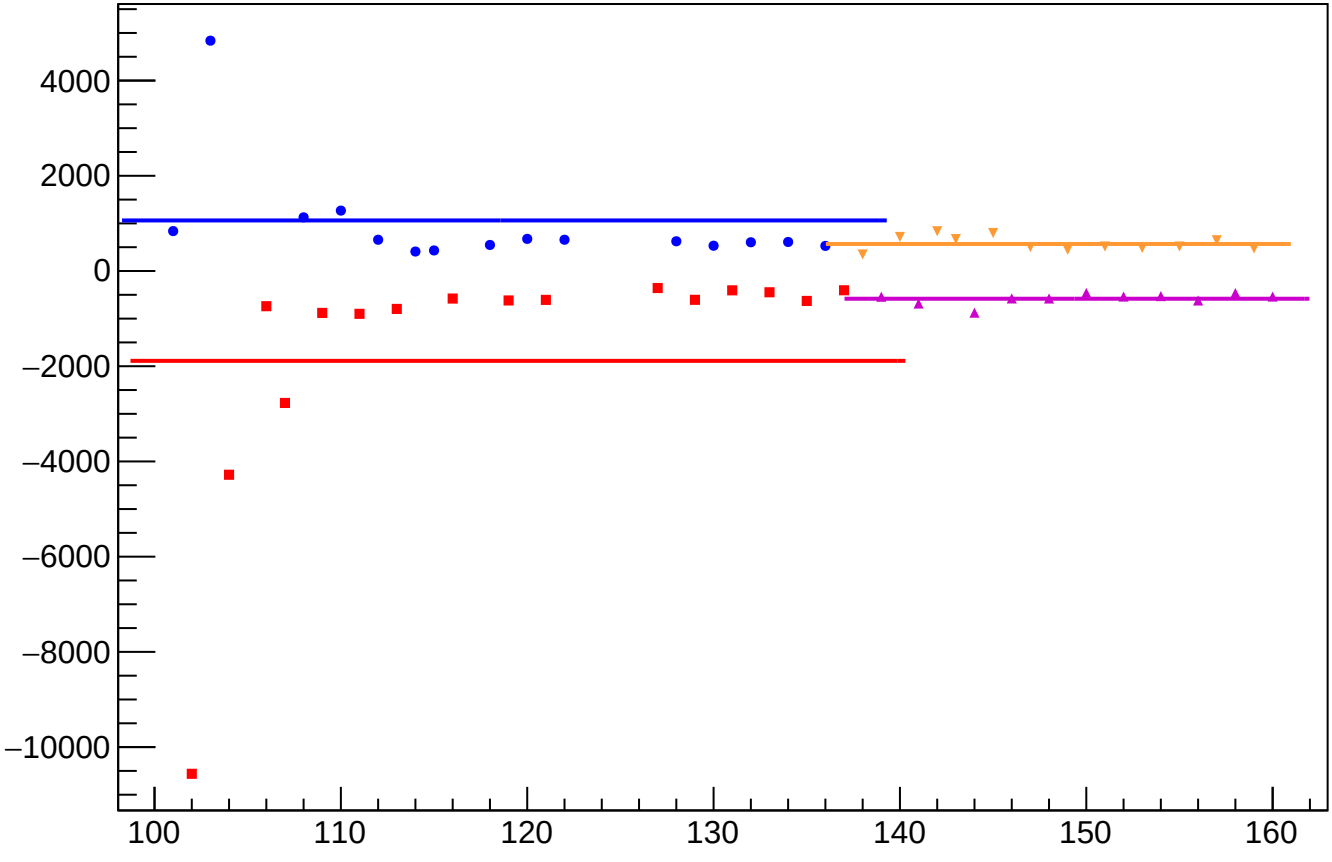
Right Out: -10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

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



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Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11

In: 96.109+/-0.000 χ^2/NDF:199572640986063157

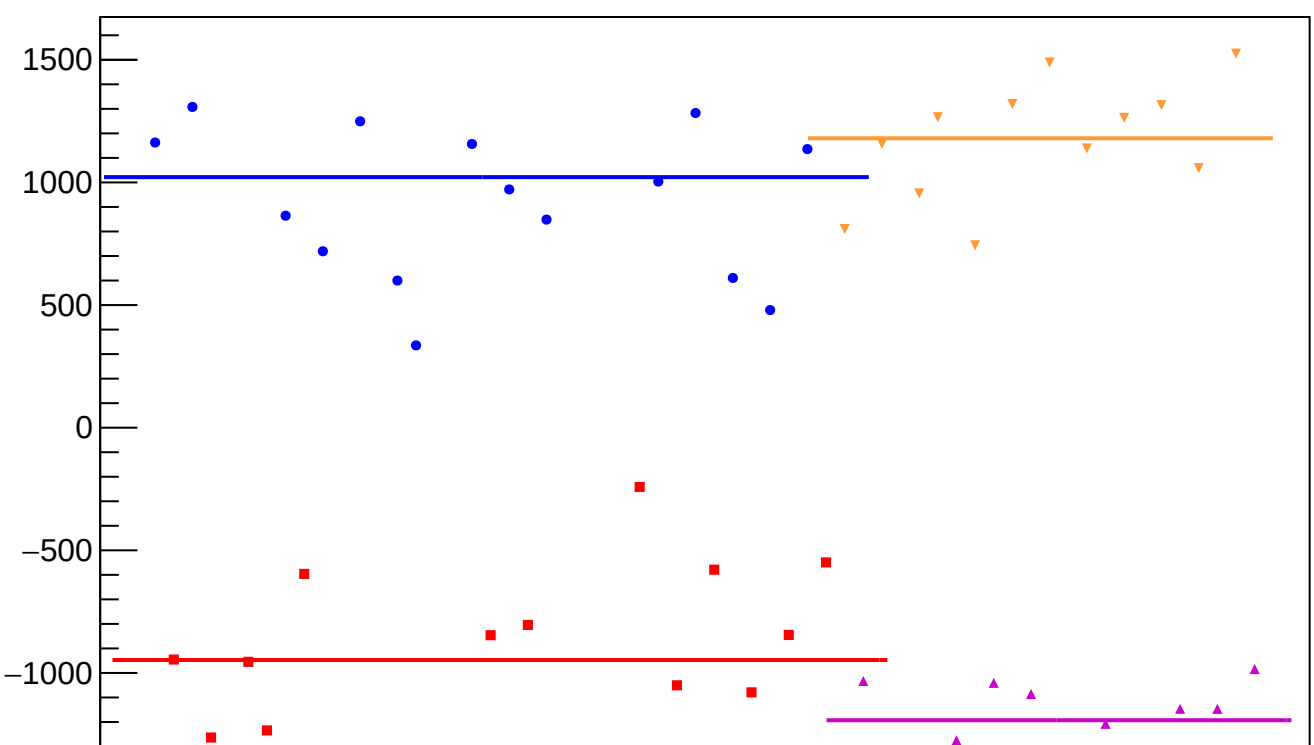
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

Out: -467.914+/-0.000 χ^2/NDF:786707402720723

Left In: -582.413+/-0.000 χ^2/NDF:1186014446253818181381467896572962 4064.0/10

All: -186.618+/-0.000 χ^2/NDF: 1011363817 1

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

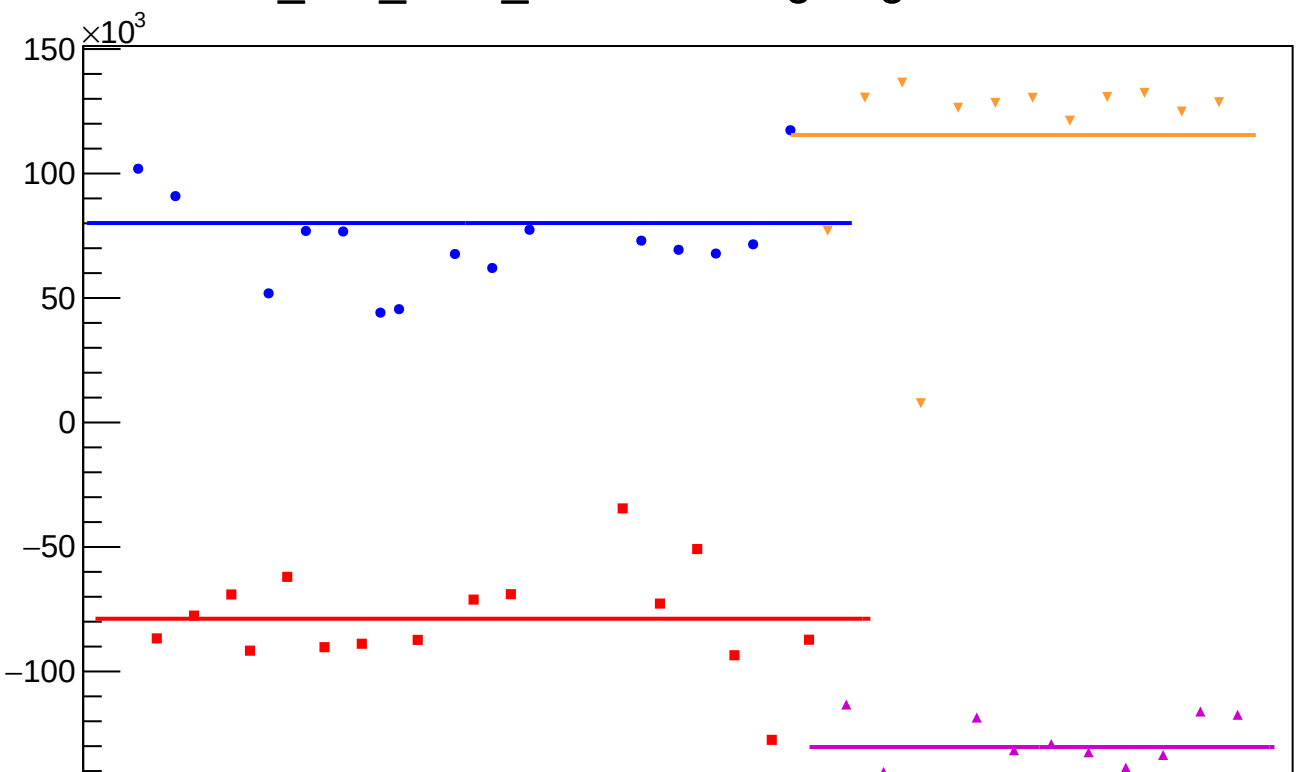
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl2_coil7_mean vs Slug, Sign Corrected



Left: -8117.324+/-0.000 χ^2/NDF: 28946961702695

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Right: -443.492+/-0.000 χ^2/NDF: 88479516524724

Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11

In: -43517.739+/-0.000 χ^2/NDF:17286902459469

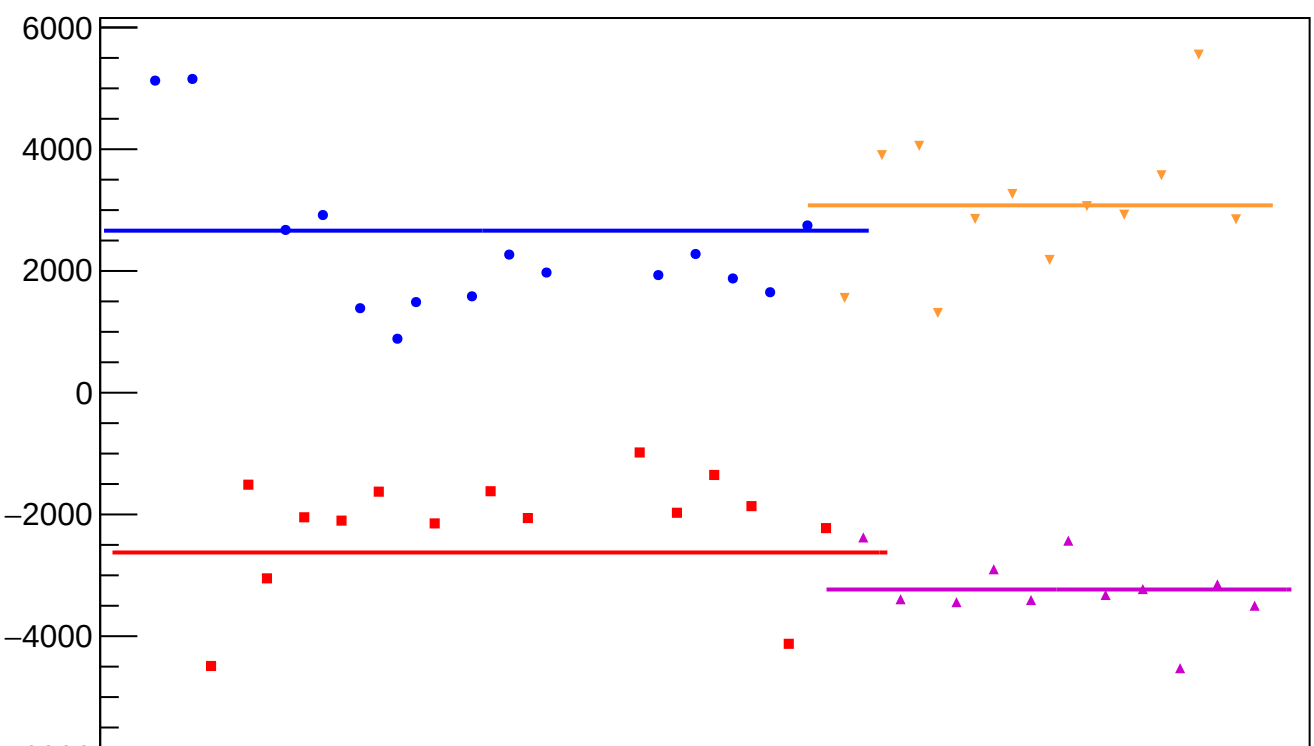
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

Out: 33491.542+/-0.000 χ^2/NDF:15877058488272

Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10

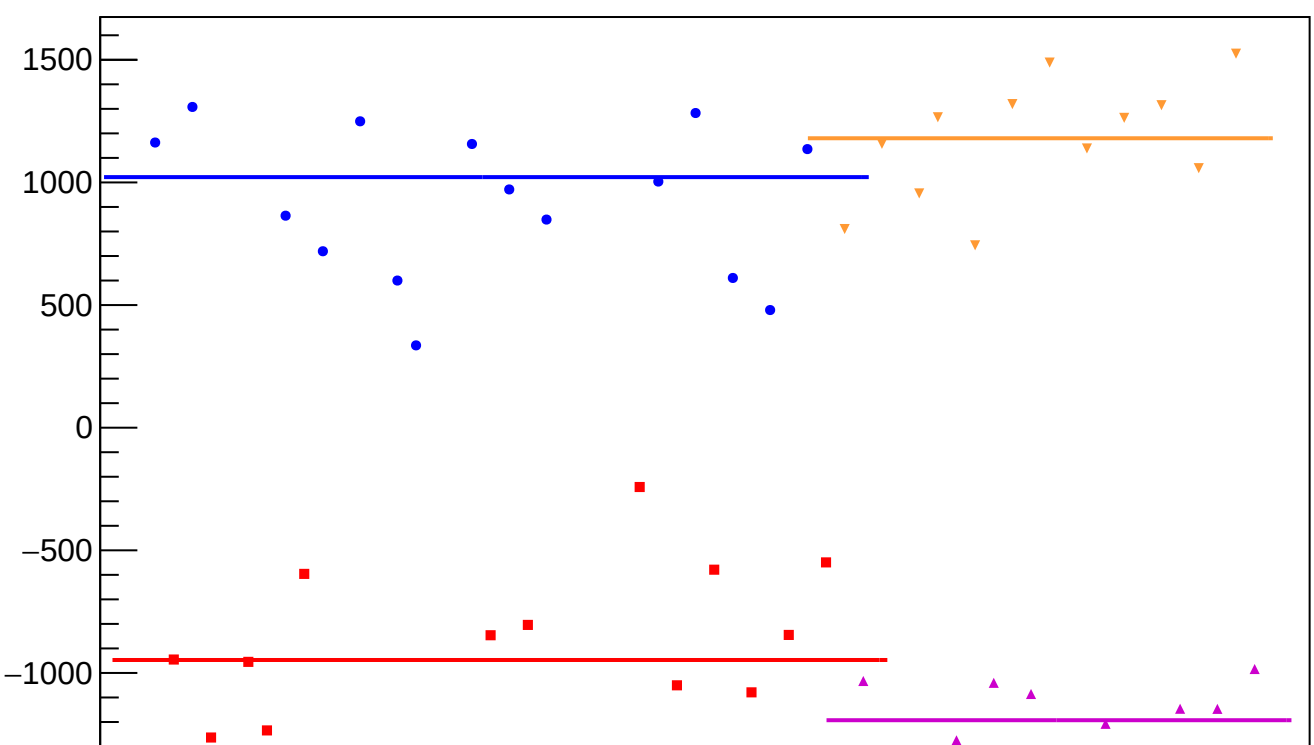
All: -4915.433+/-0.000 χ^2/NDF: 3784007443

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: -94.635+/-0.000 χ^2/NDF: 1964916620255589
Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14
Right: -17.413+/-0.000 χ^2/NDF: 117922842657675
Left Out: 3077.945+/-0.000 χ^2/NDF:1073709891492389198093936322660595138560.0/11
In: -800.651+/-0.000 χ^2/NDF:1455555206694384
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15
Out: 672.087+/-0.000 χ^2/NDF:1518026118358382
Left In: -3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938 88.0/10
All: -62.414+/-0.000 χ^2/NDF: 314460236947

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

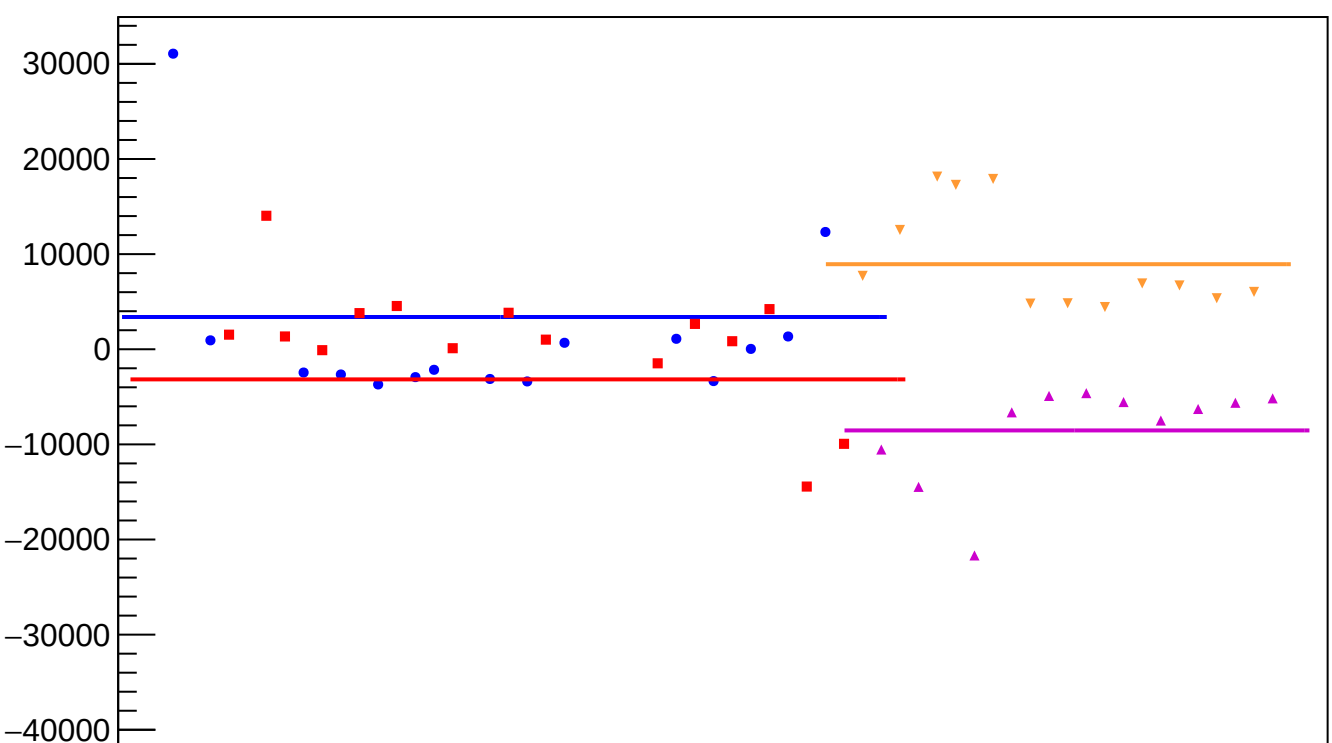
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr1_coil7_mean vs Slug, Sign Corrected



Left: 156.909+/-0.000 χ^2/NDF: 1873655199537507

Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14

Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725

Left Out: 8941.712+/-0.000 χ^2/NDF:2275754272352997686292418962883726435942 4.0/11

In: -3613.388+/-0.000 χ^2/NDF:144369798447171

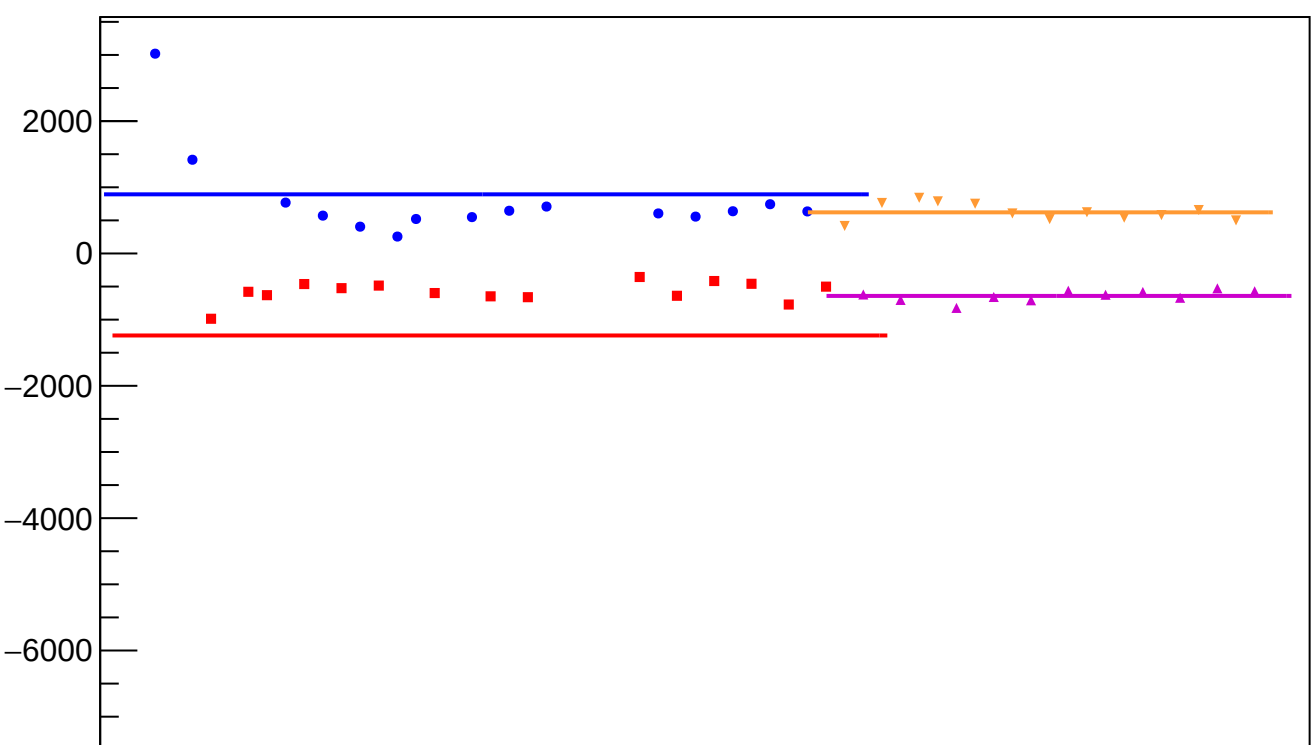
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 3833.063+/-0.000 χ^2/NDF:217052558141828

Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10

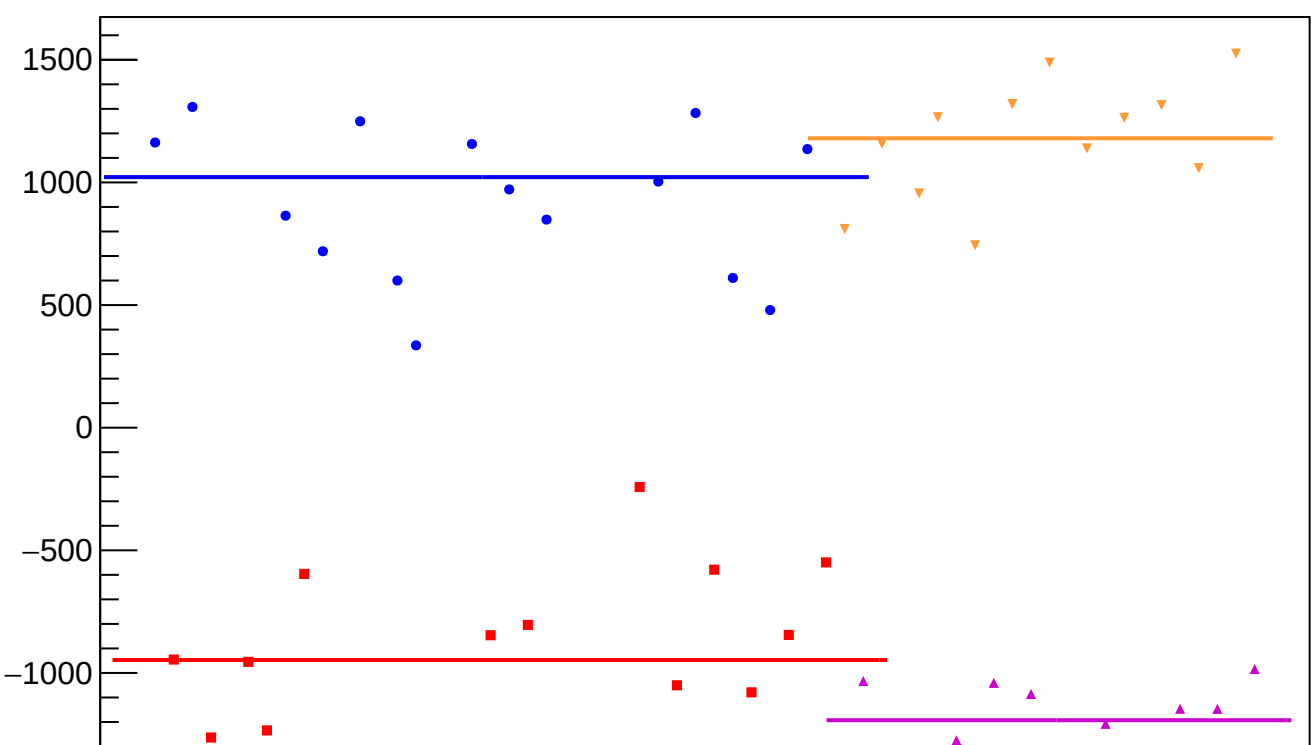
All: 119.281+/-0.000 χ^2/NDF: 40514411289 8

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: -13.483+/-0.000 χ^2/NDF: 7520936396903635
Right In: 893.683+/-0.000 χ^2/NDF: 334583619078631008932404228227359309824.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 621.395+/-0.000 χ^2/NDF:132207613490335953911830349302558883 84.0/11
In: -8.097+/-0.000 χ^2/NDF:123909874324086760
Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
Out: -163.603+/-0.000 χ^2/NDF:431923837770575
Left In: -641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554 3552.0/10
All: -86.047+/-0.000 χ^2/NDF: 557740460848

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

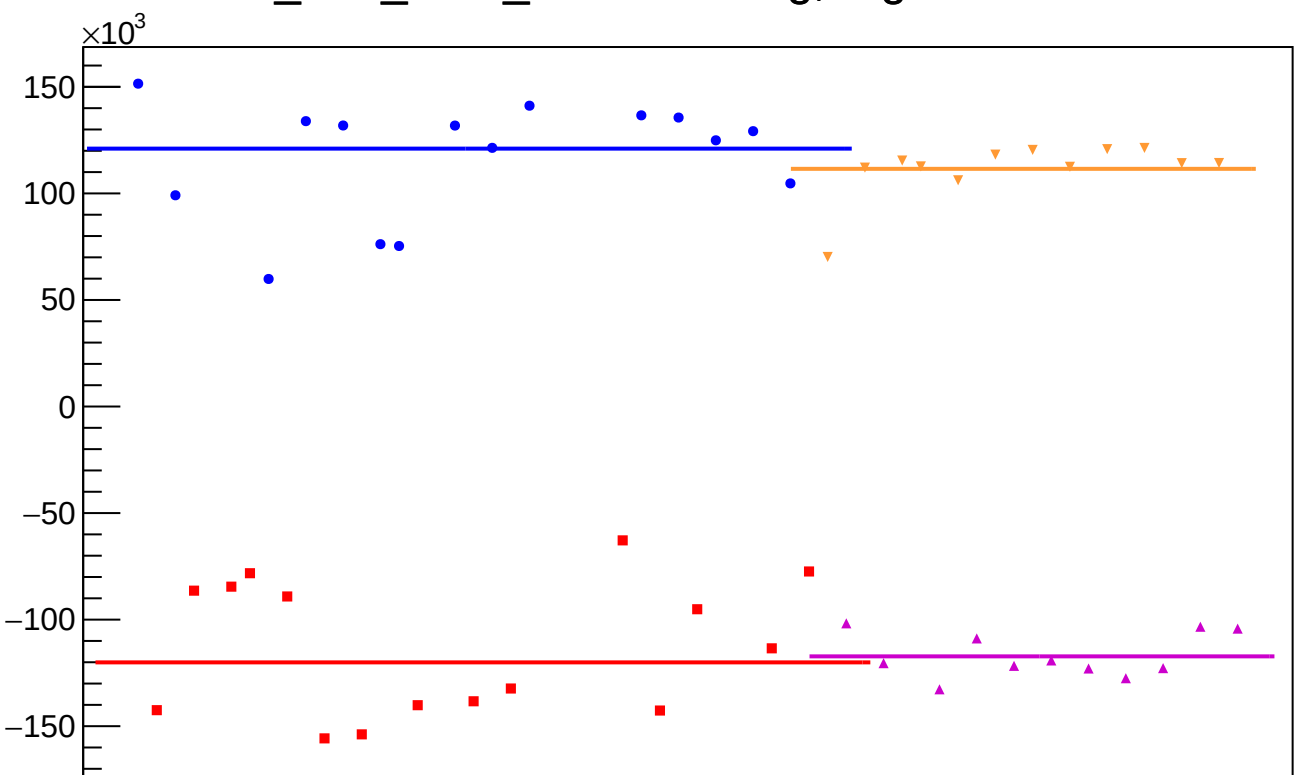
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

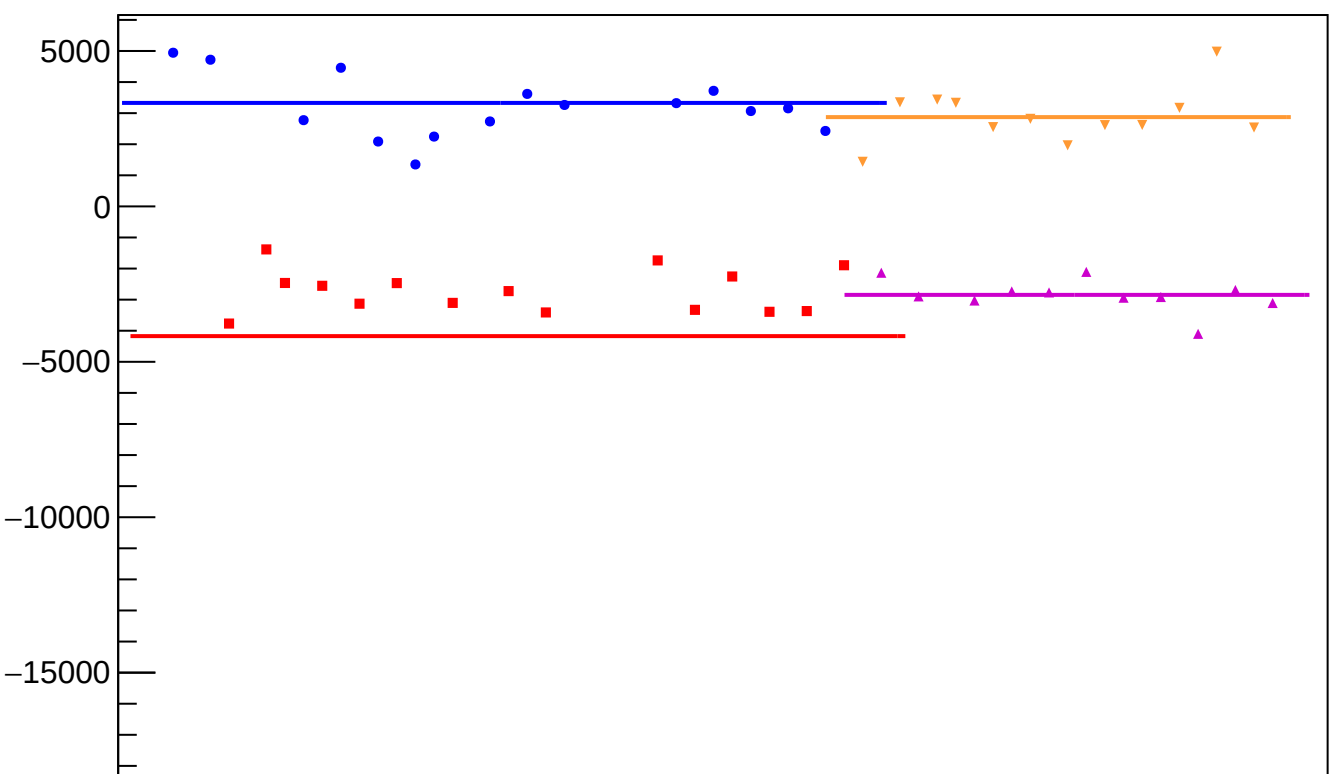
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr2_coil7_mean vs Slug, Sign Corrected



Left: -3475.224+/-0.000 χ^2/NDF: 24302392391152
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 111531.681+/-0.000 χ^2/NDF:162724299829921950370834246417372913074176.0/11
In: -18936.885+/-0.000 χ^2/NDF:22091556289906
Right Out: -120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
Out: 13826.359+/-0.000 χ^2/NDF:21672960026826
Left In: -117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10
All: -2513.712+/-0.000 χ^2/NDF: 4461091057

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: -2.554+/-0.000 χ^2/NDF: 15921502408931202

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

In: -298.400+/-0.000 χ^2/NDF:1533808541348253

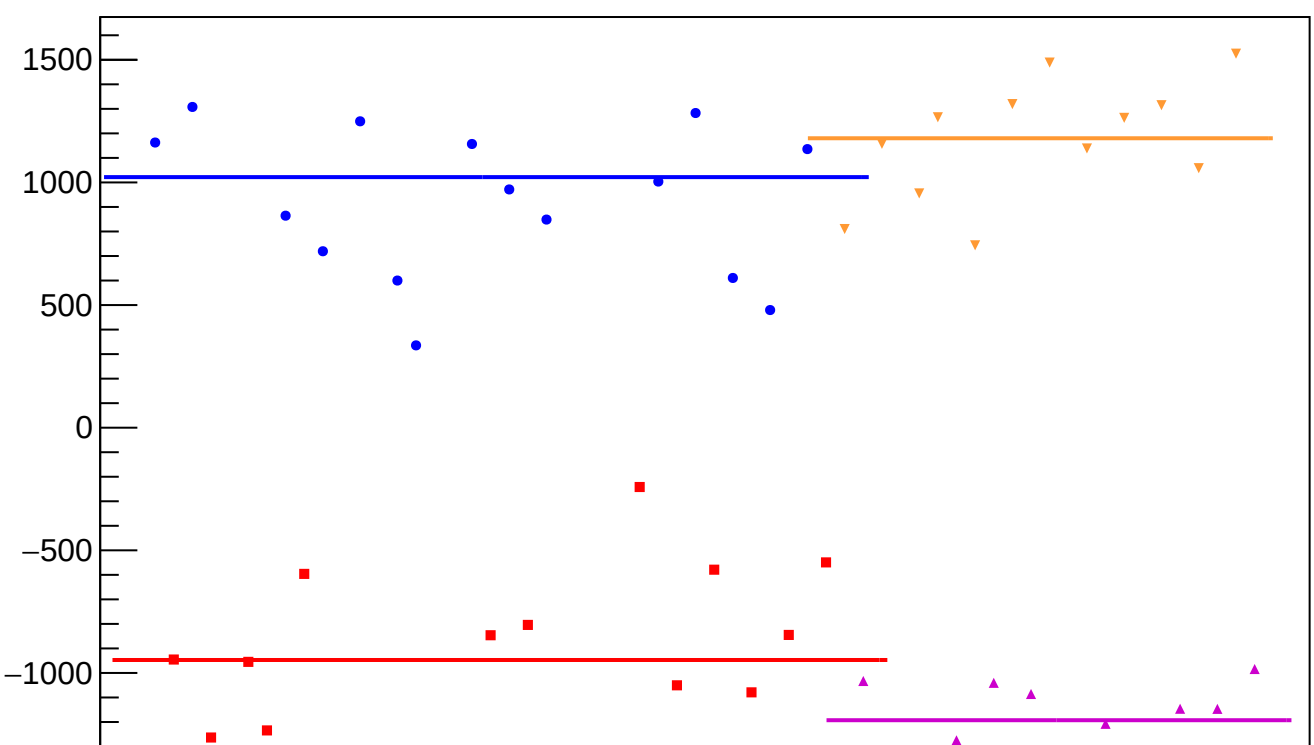
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

Out: -100.034+/-0.000 χ^2/NDF:333048130531602

Left In: -2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

All: -198.965+/-0.000 χ^2/NDF: 48673924762

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

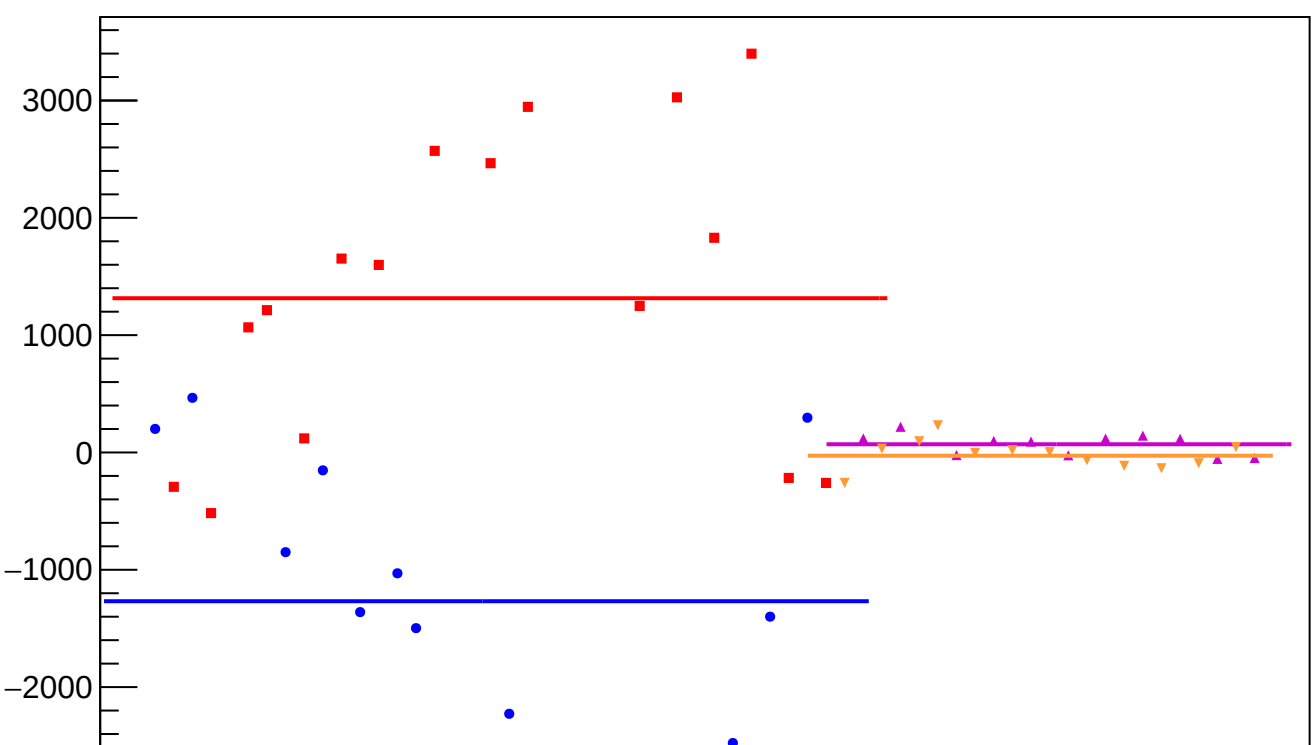
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam1_coil7_mean vs Slug, Sign Corrected



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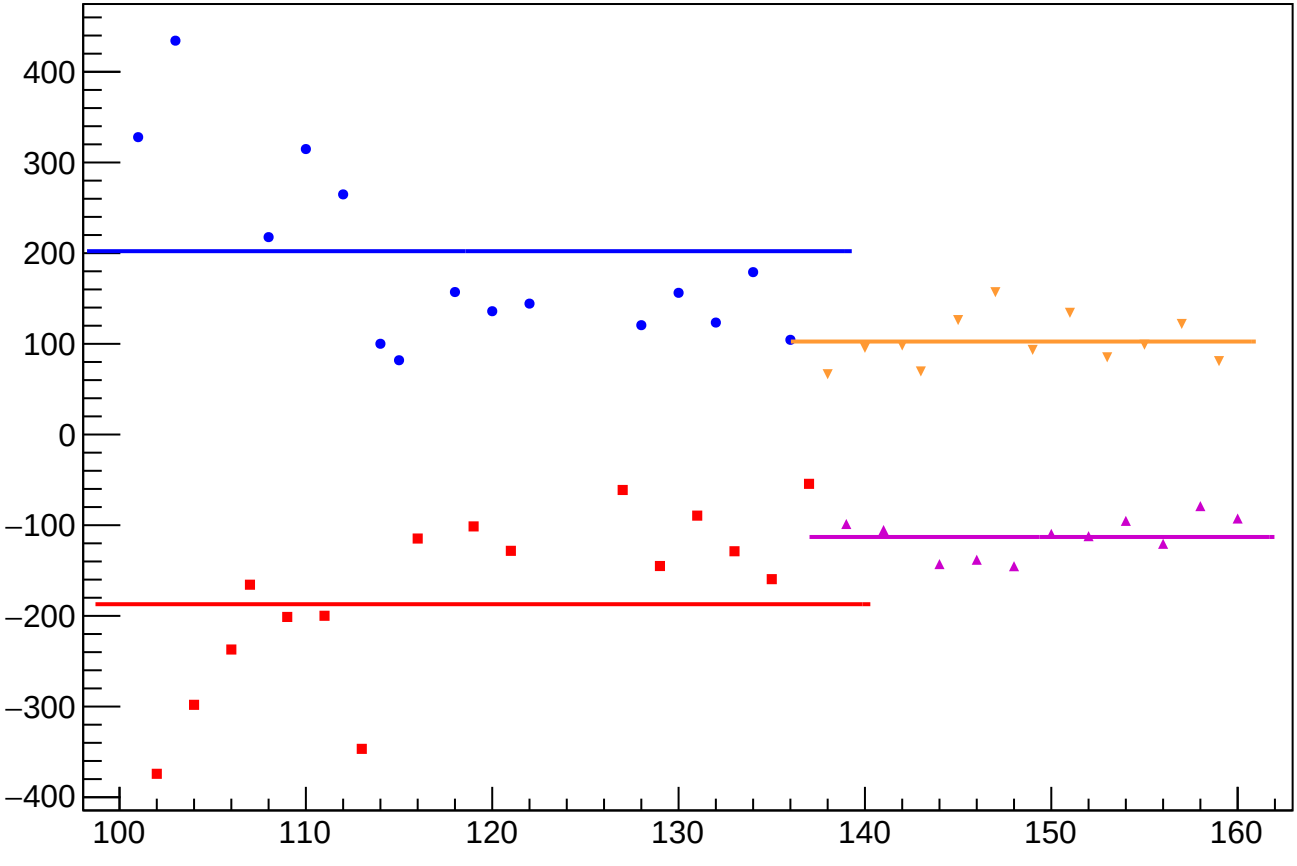
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -27.745+/-0.000 χ^2/NDF:1240186629377638978240673319387127168.0/11
In: -482.133+/-0.000 χ^2/NDF:1781620225198016
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 538.641+/-0.000 χ^2/NDF:1805860646471756
Left In: 69.887+/-0.000 χ^2/NDF:6896729055106095492675290775544659968.0/10
All: 29.548+/-0.000 χ^2/NDF: 4409076158029

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -5.804+/-0.000 χ^2/NDF: 22375229610691858

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950 6

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

In: 17.055+/-0.000 χ^2/NDF:4529601533384929 0

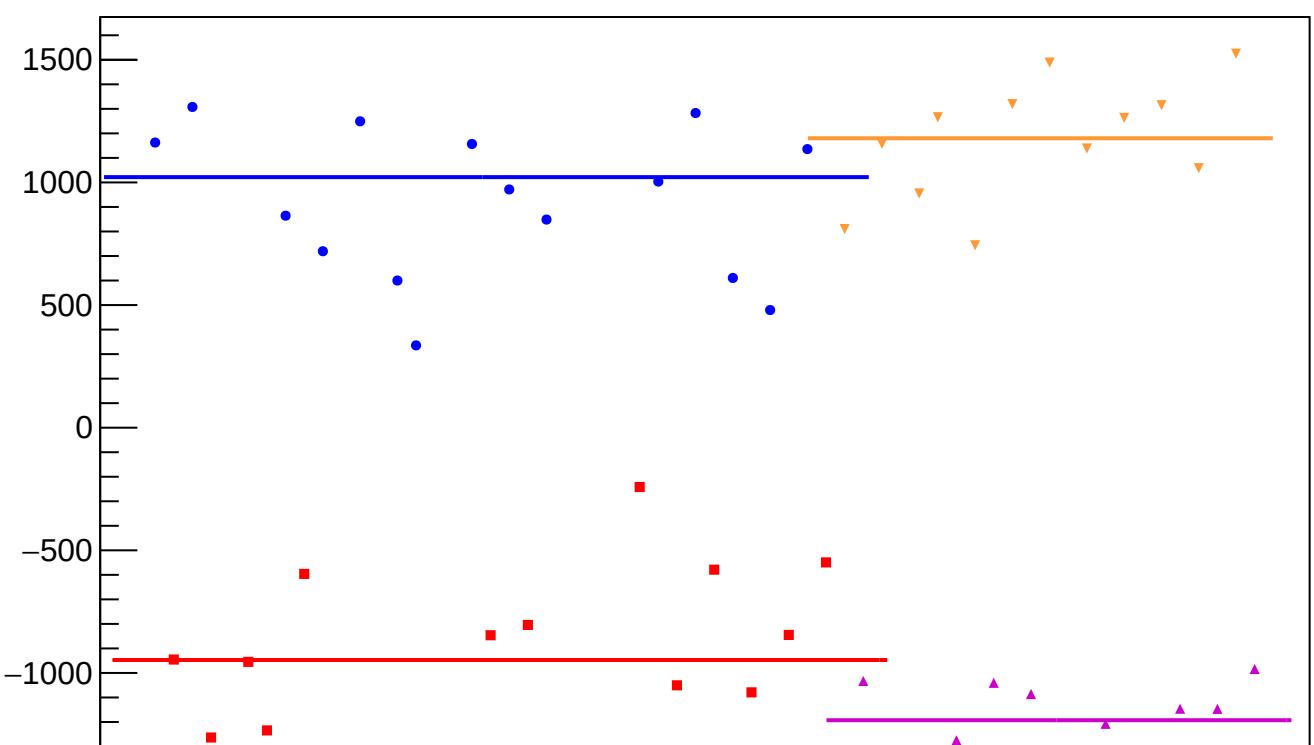
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Out: -19.662+/-0.000 χ^2/NDF:3921793544057525

Left In: -112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

All: -1.350+/-0.000 χ^2/NDF: 8557691672482

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

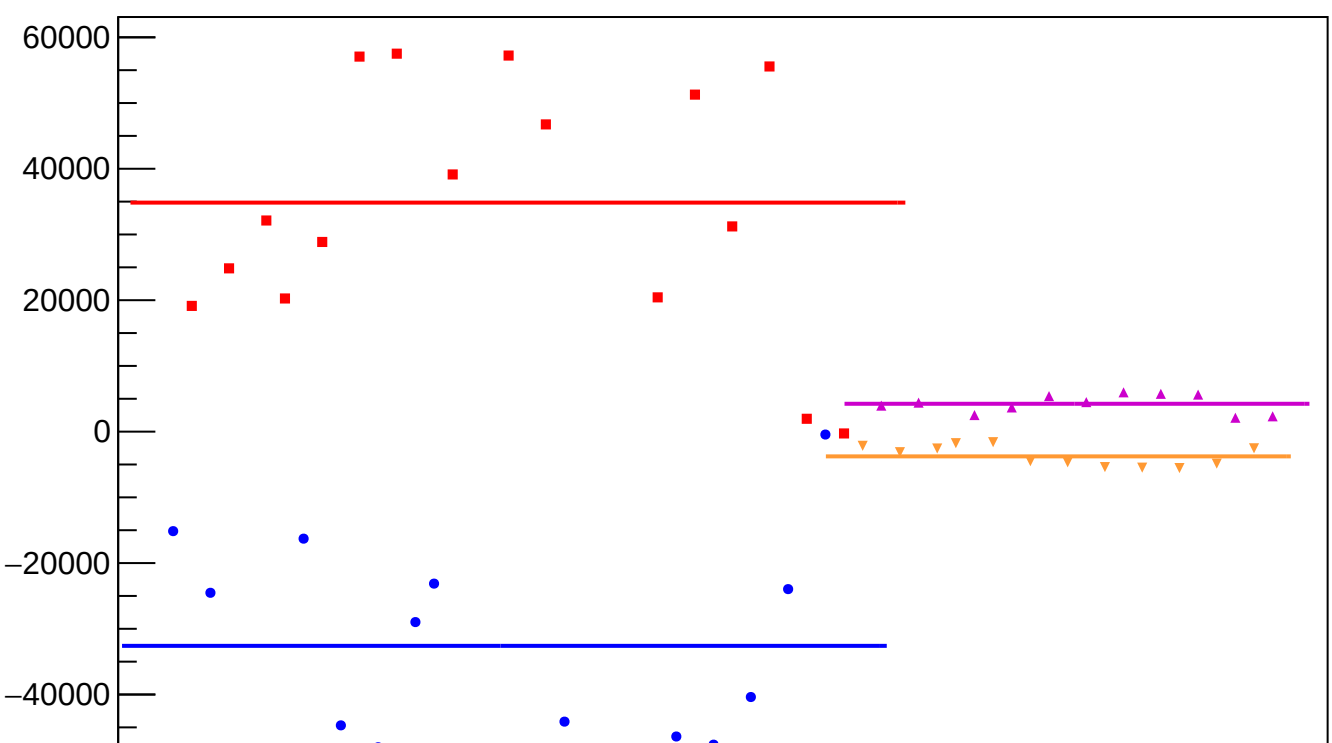
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

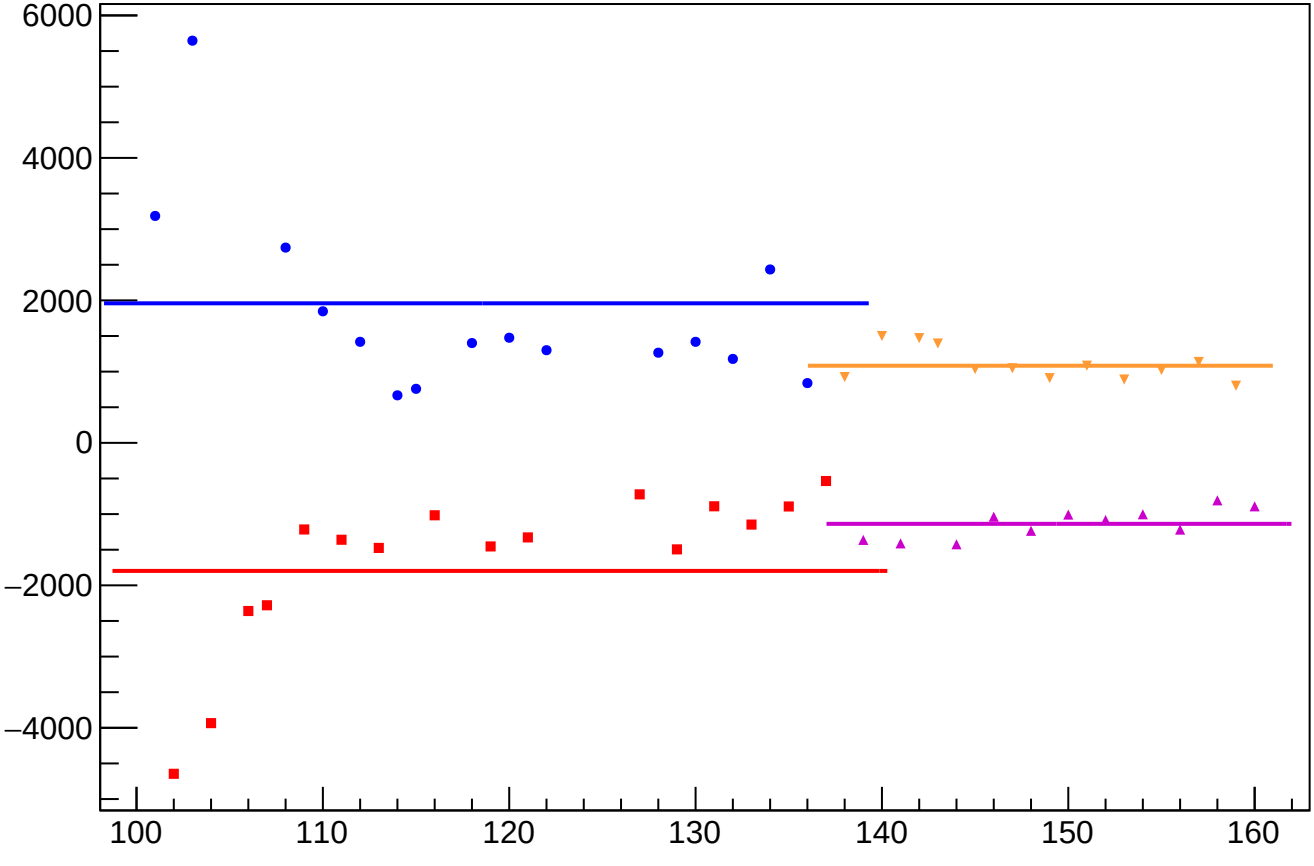
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam2_coil7_mean vs Slug, Sign Corrected



Left: 258.769+/-0.000 χ^2/NDF: 3307838906782510
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

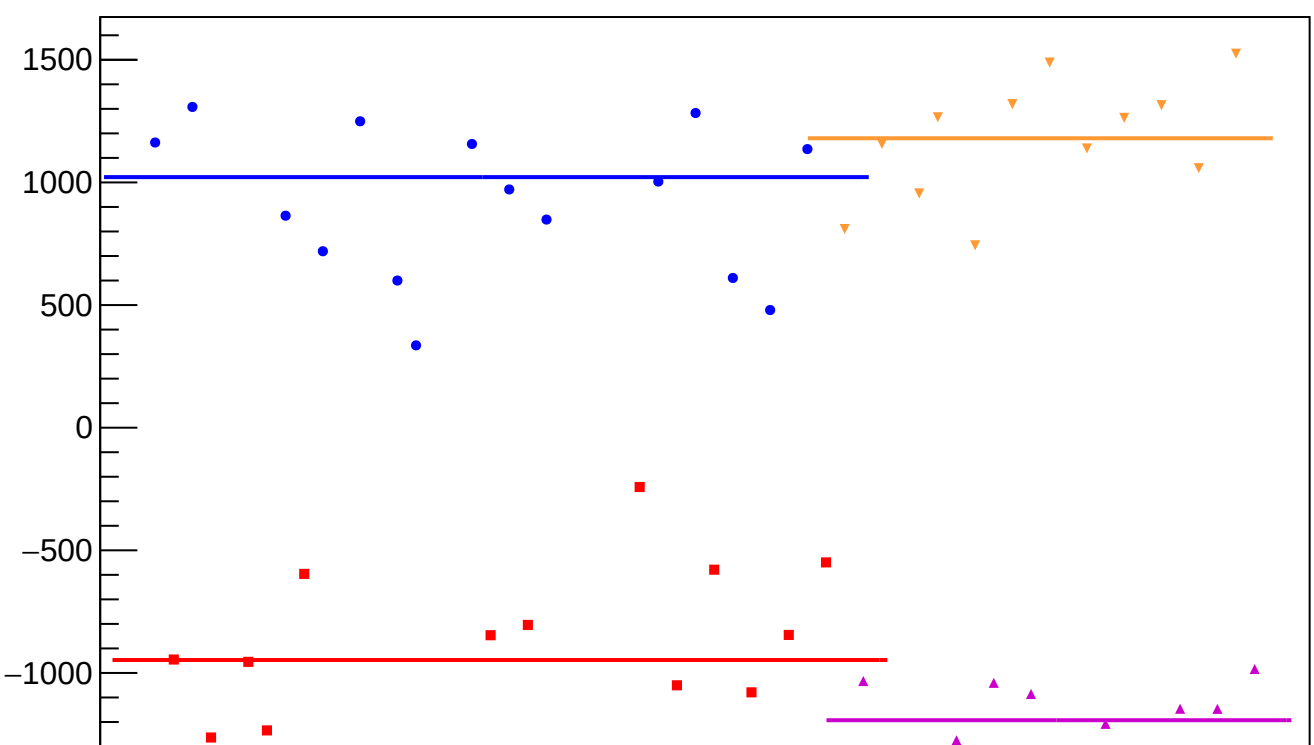
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

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

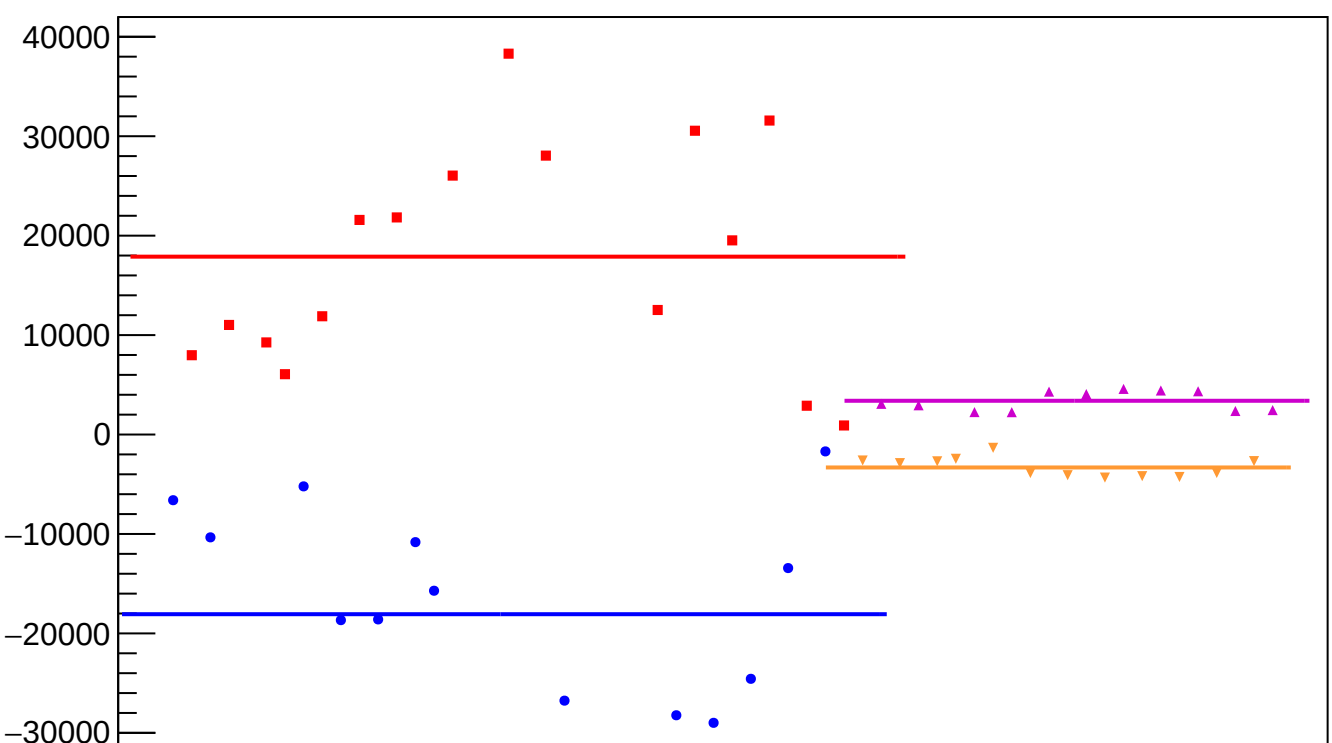
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

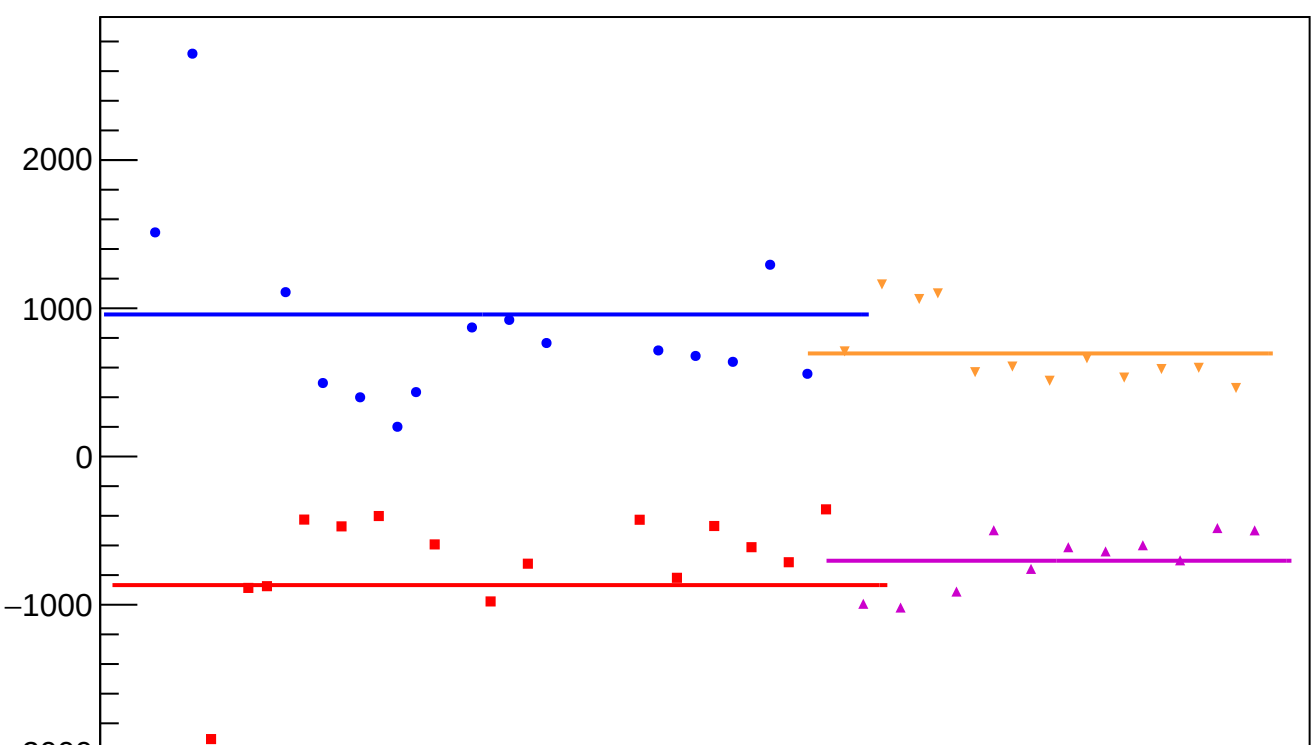
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

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

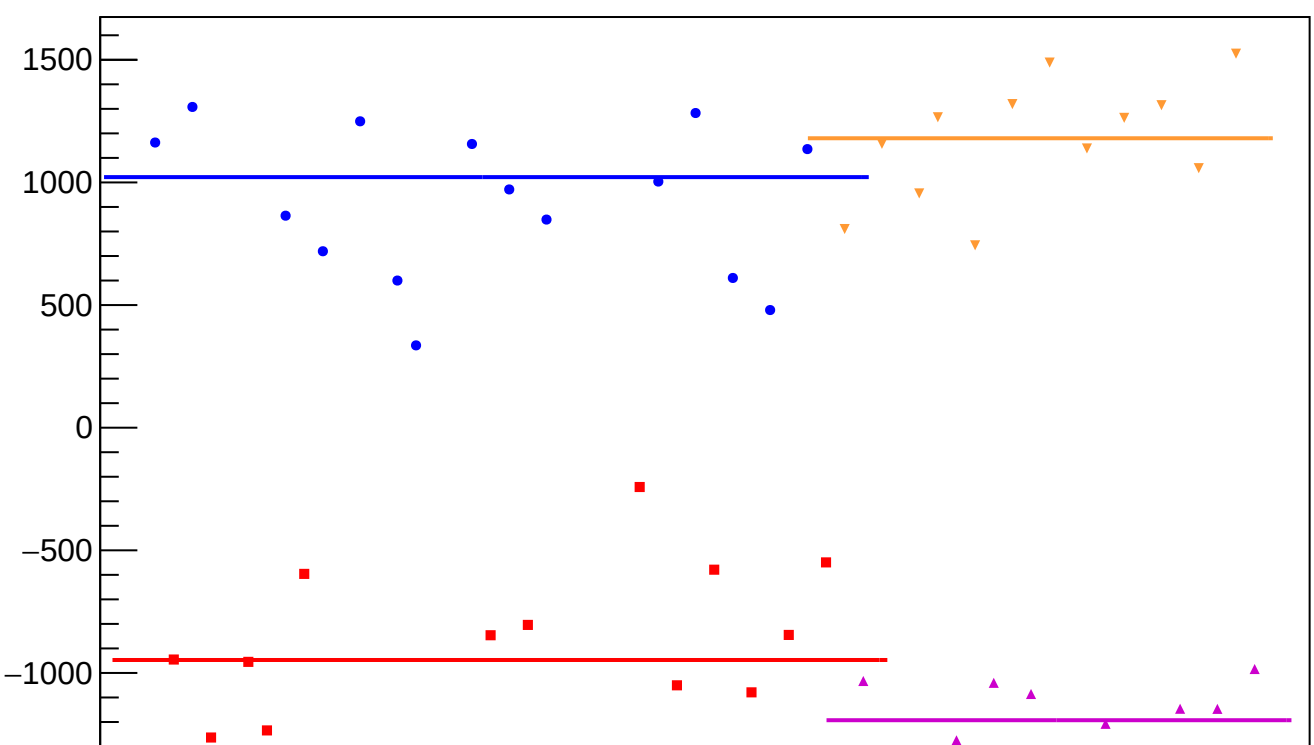
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

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

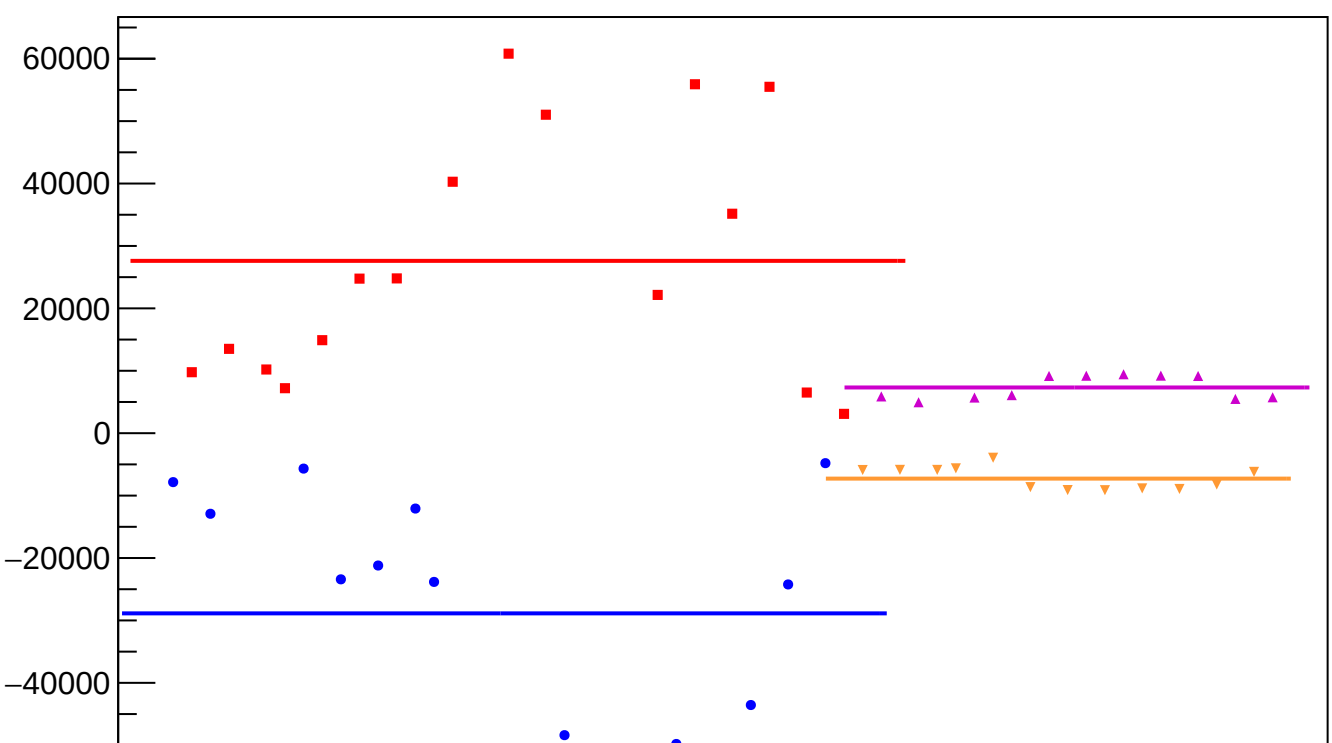
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

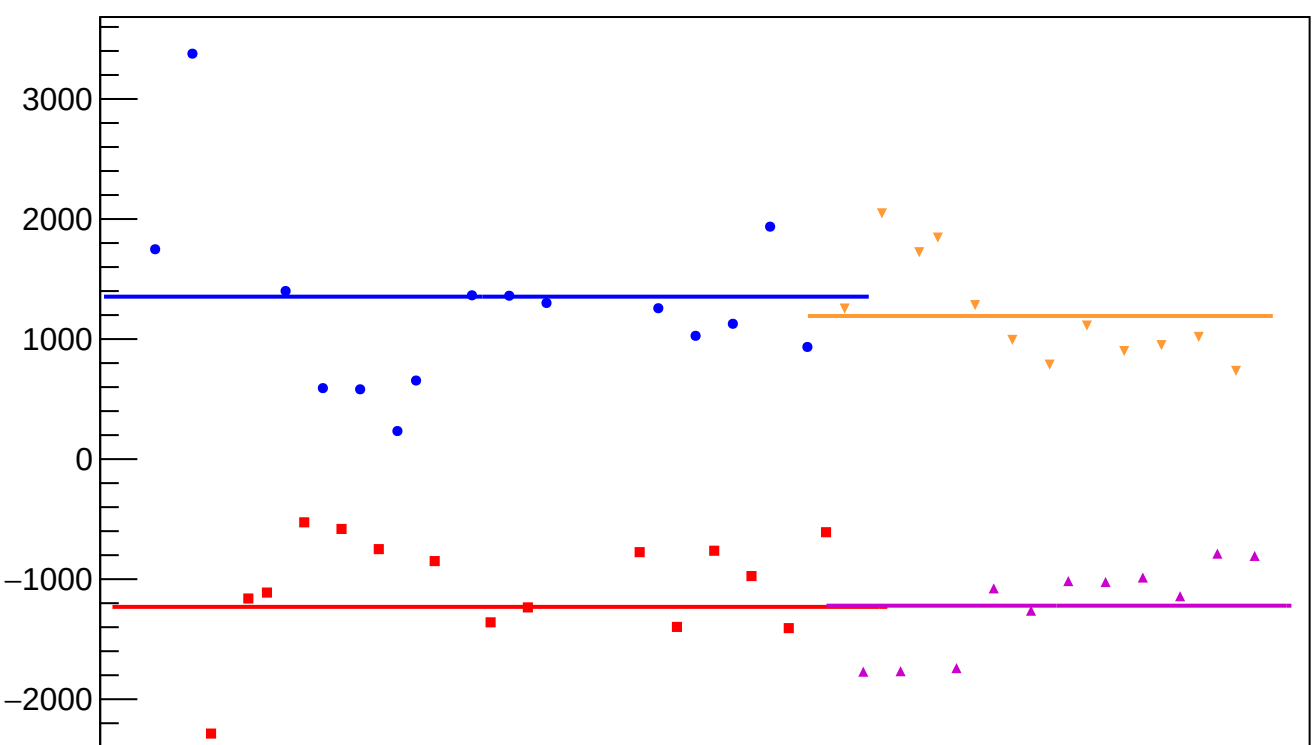
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

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

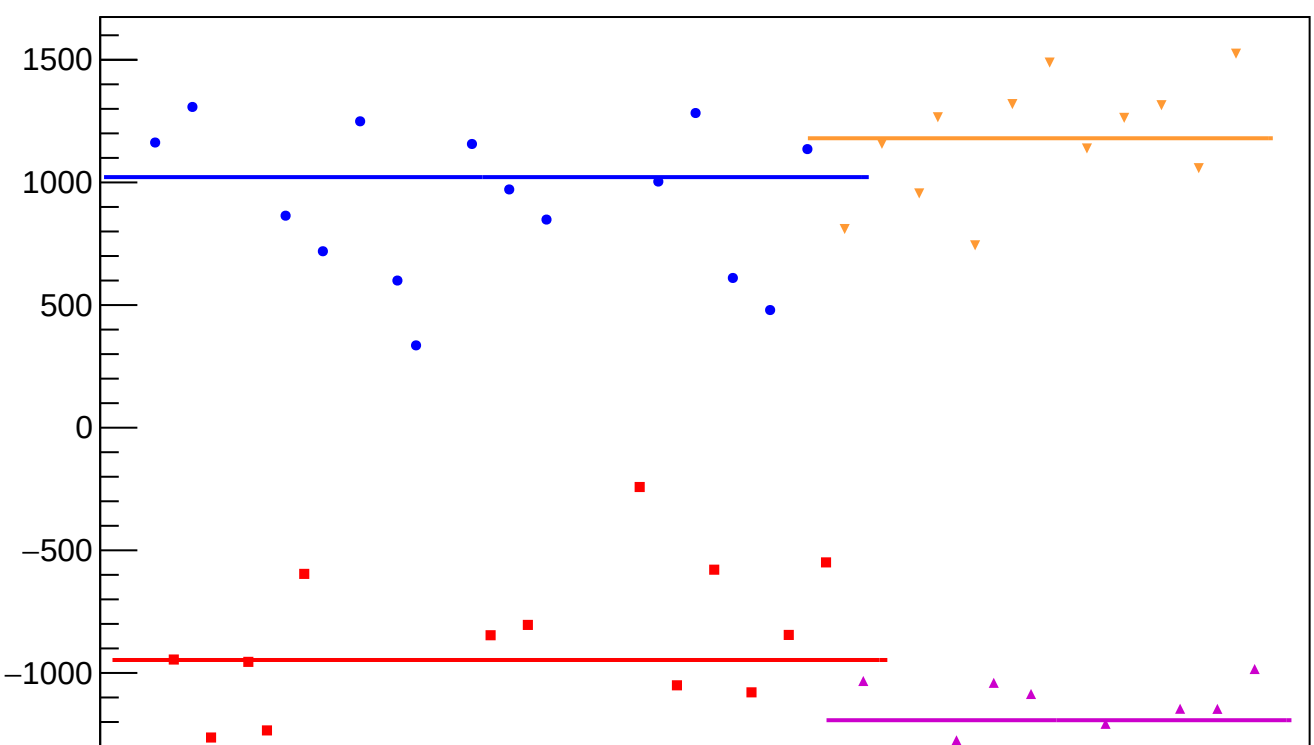
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

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

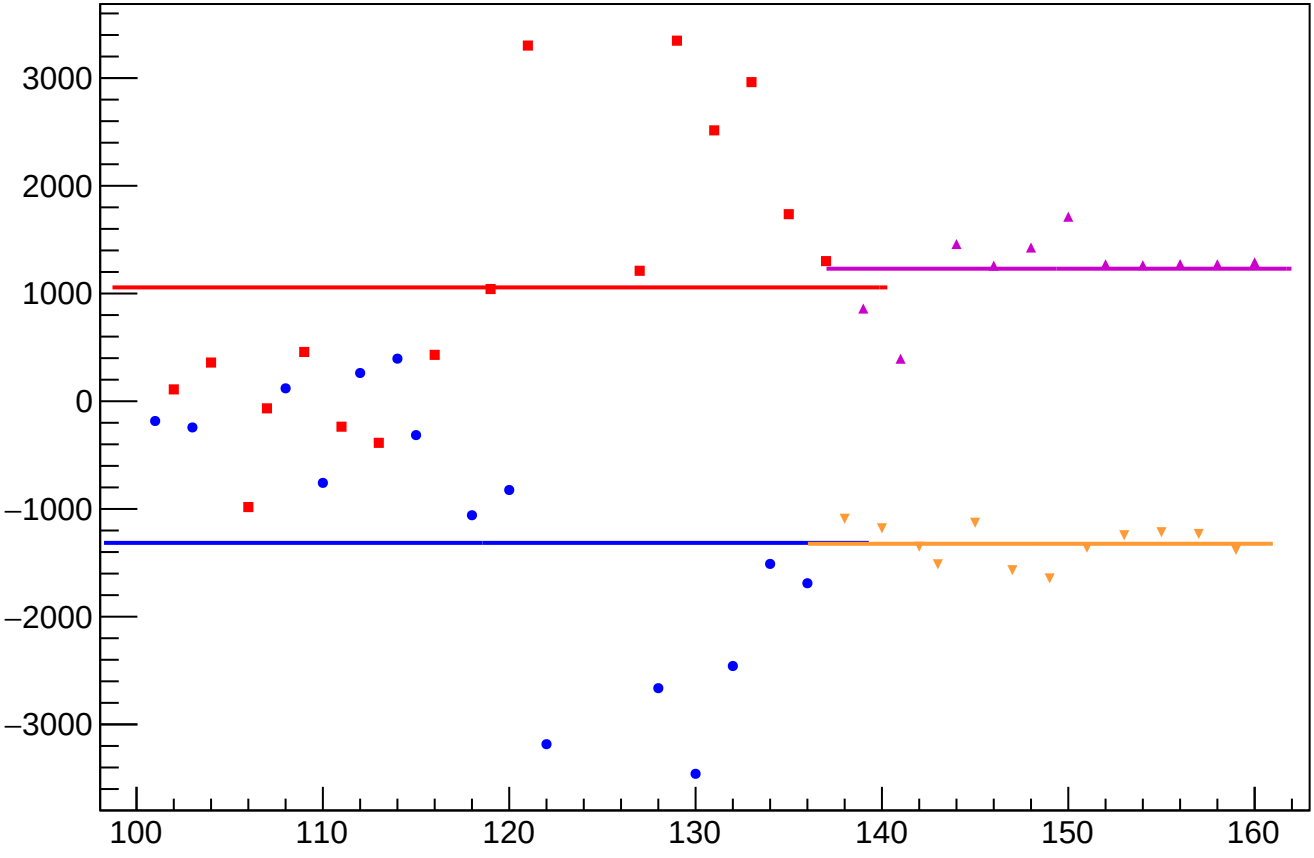
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

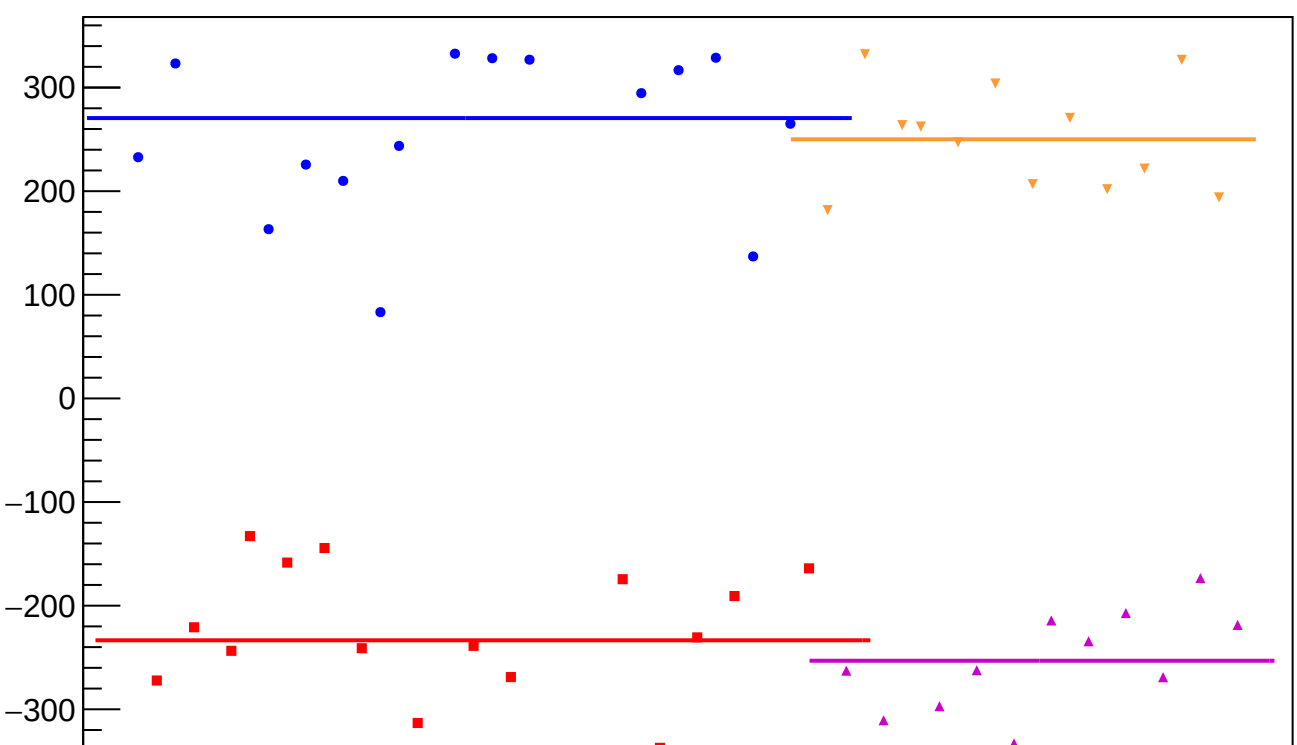
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

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

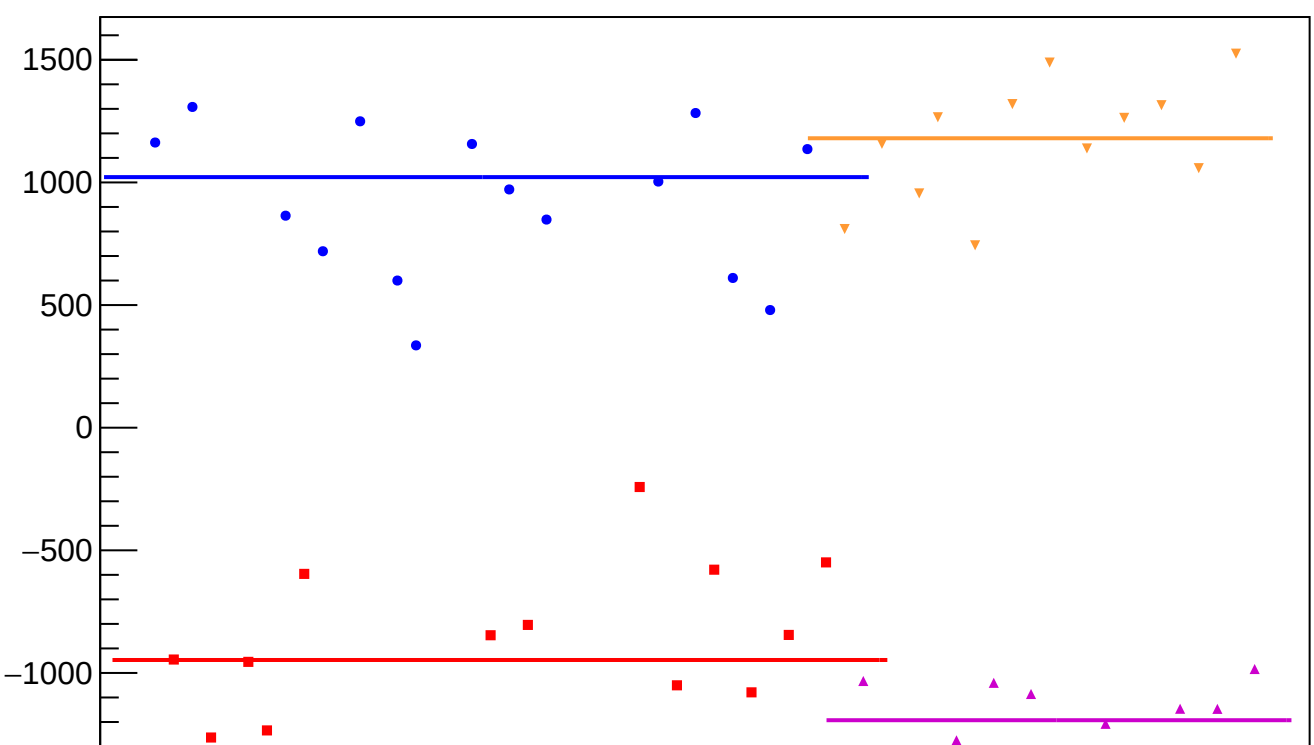
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

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

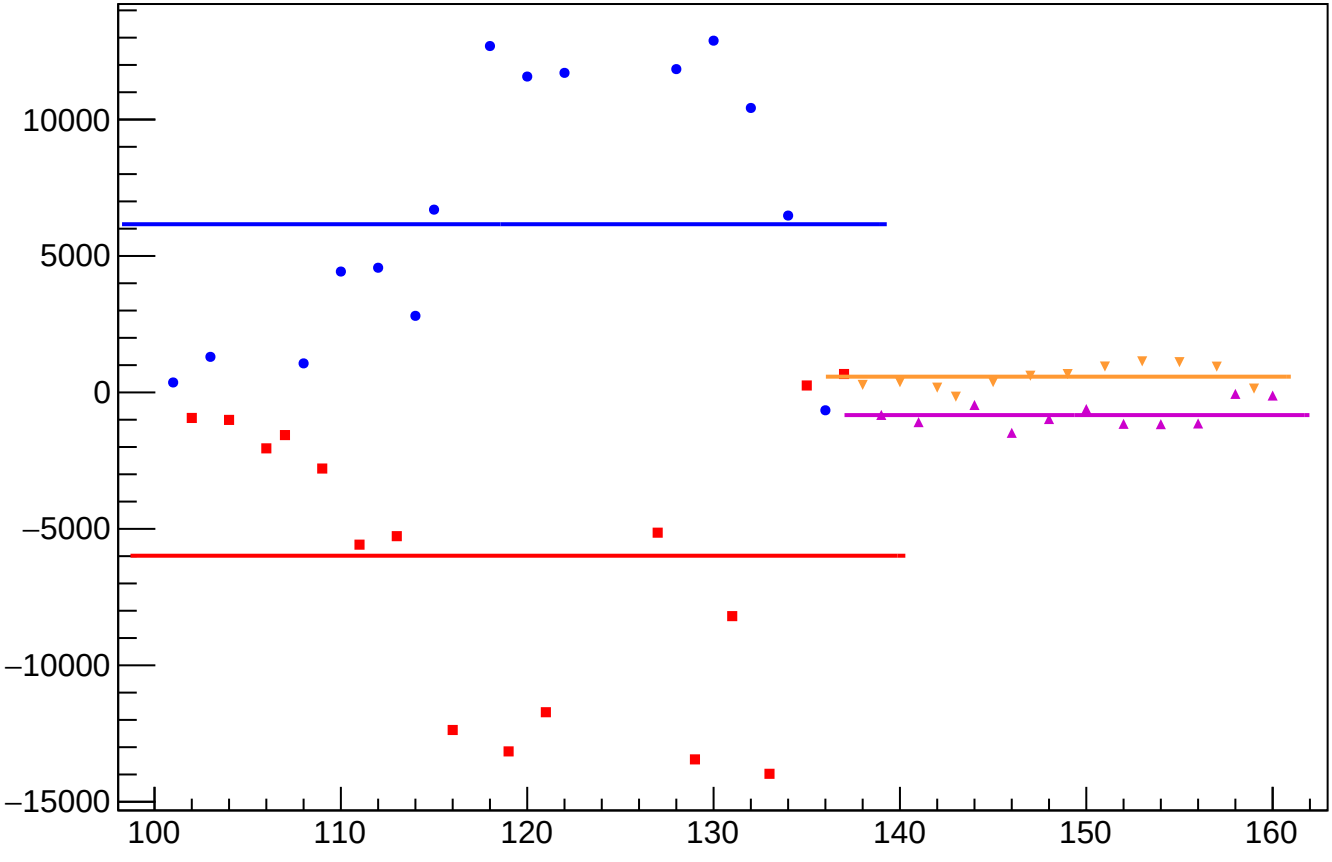
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

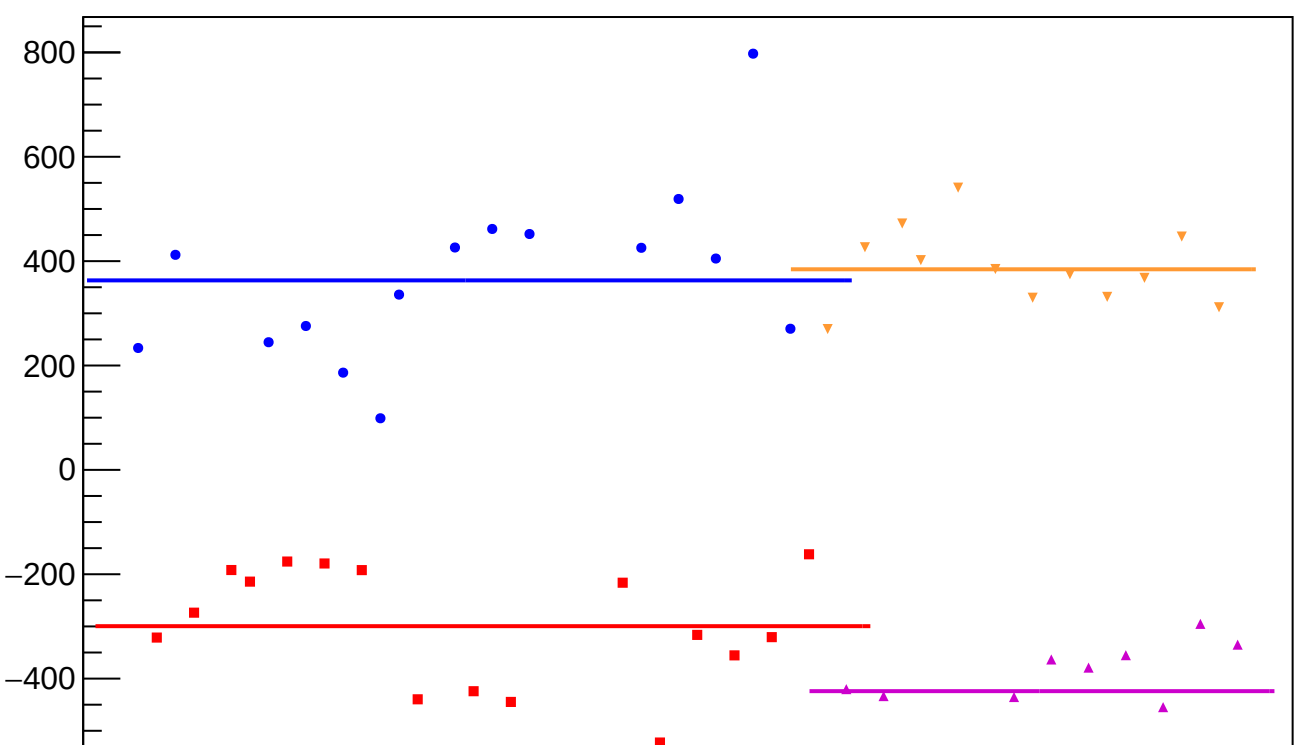
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

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

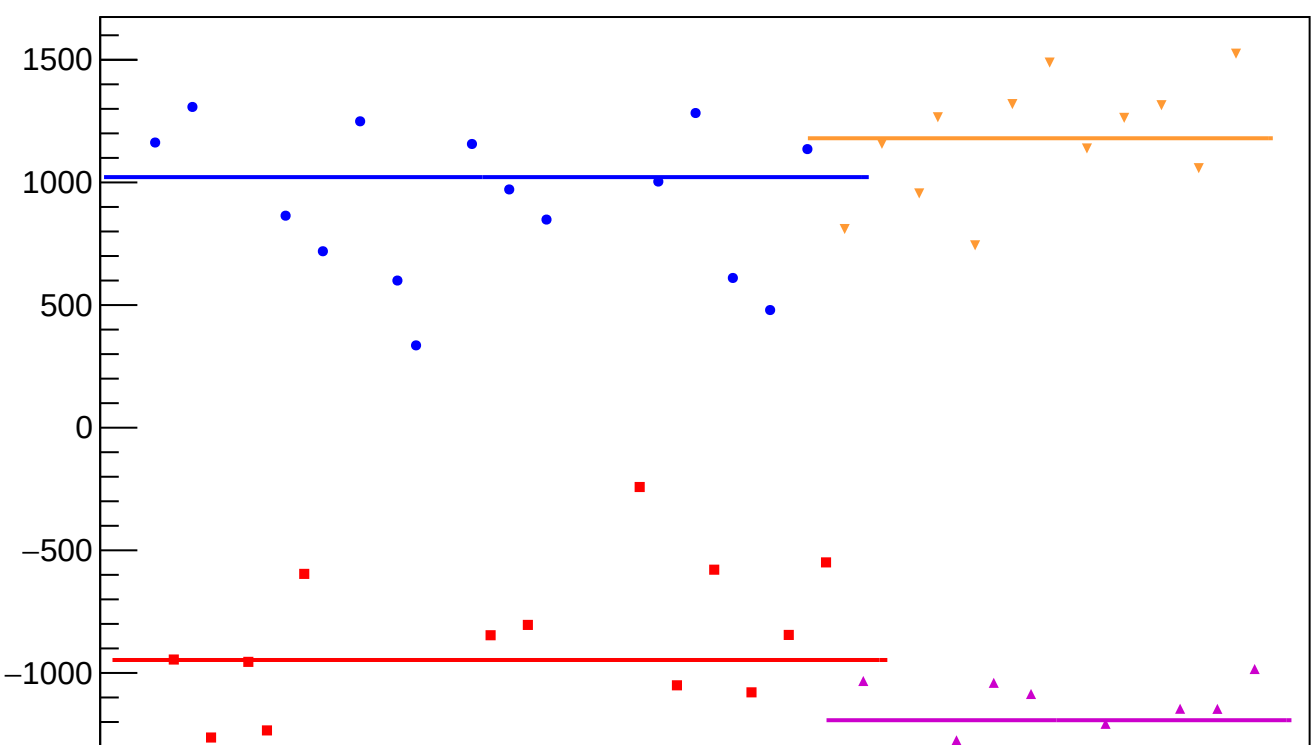
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

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

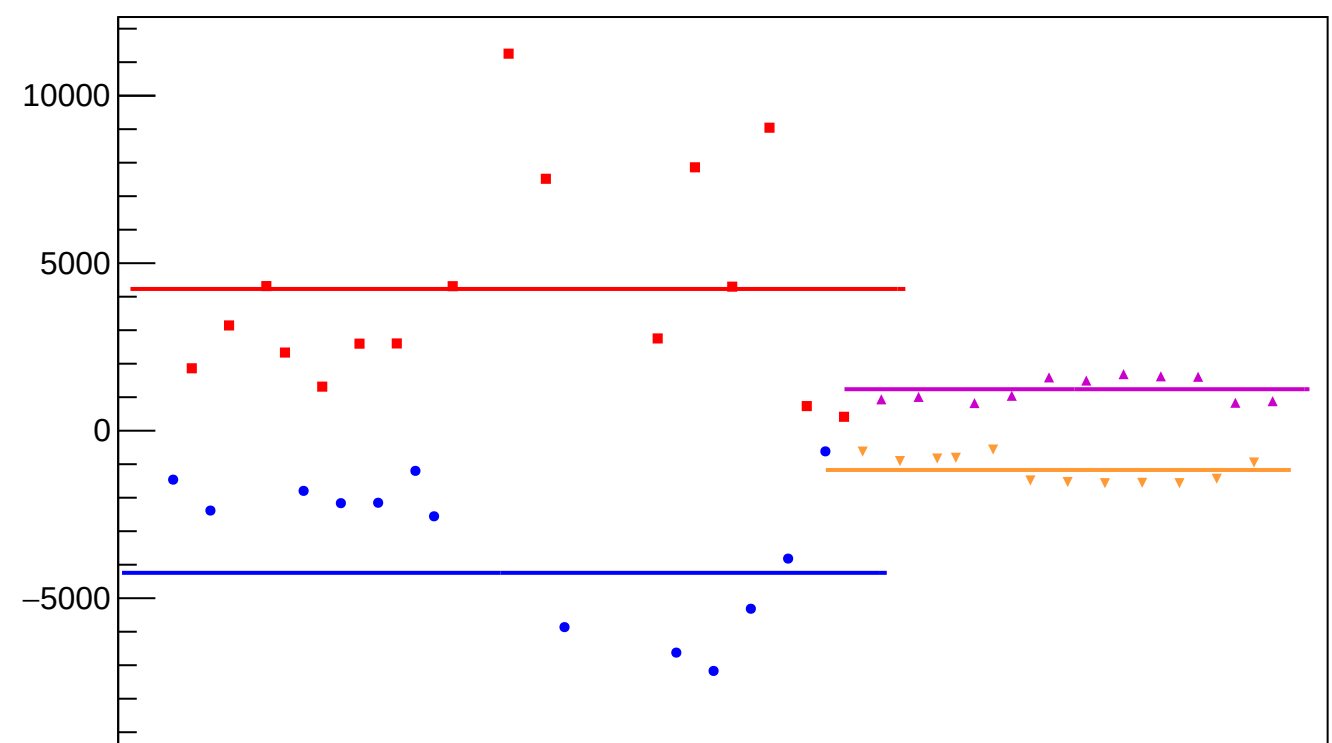
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

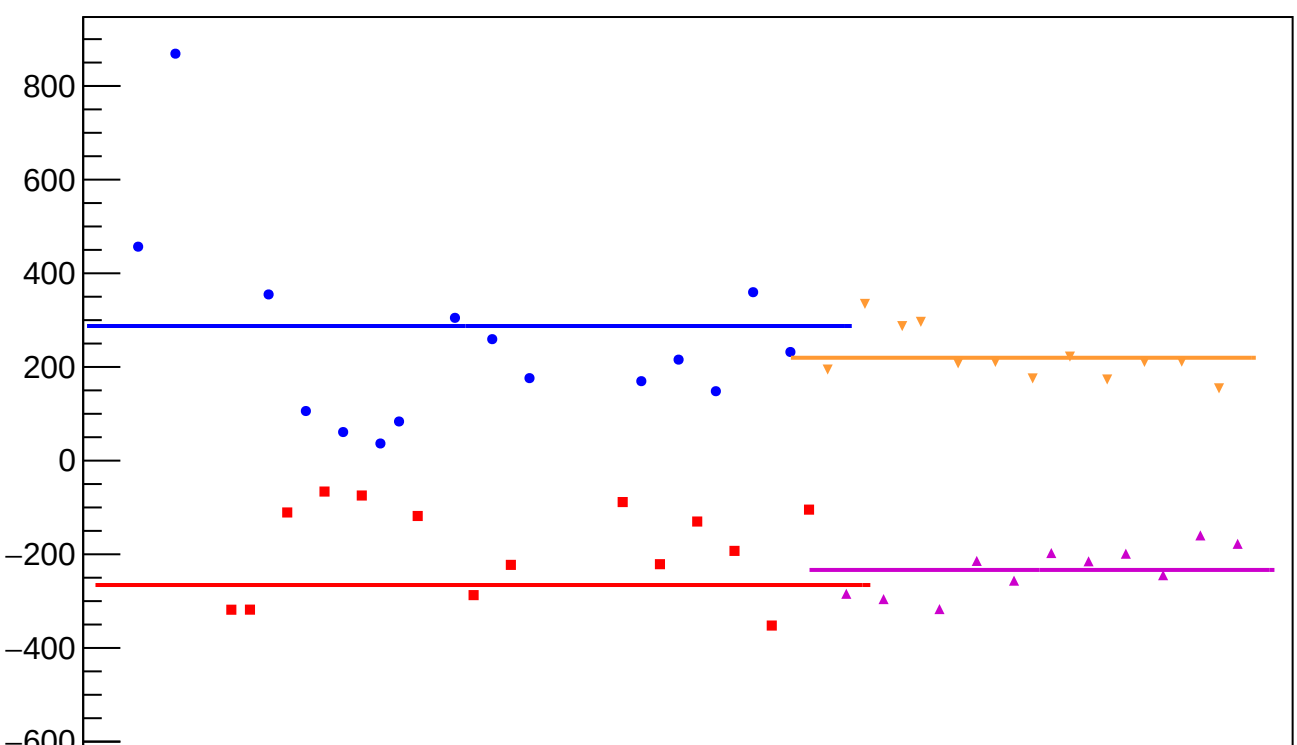
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

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

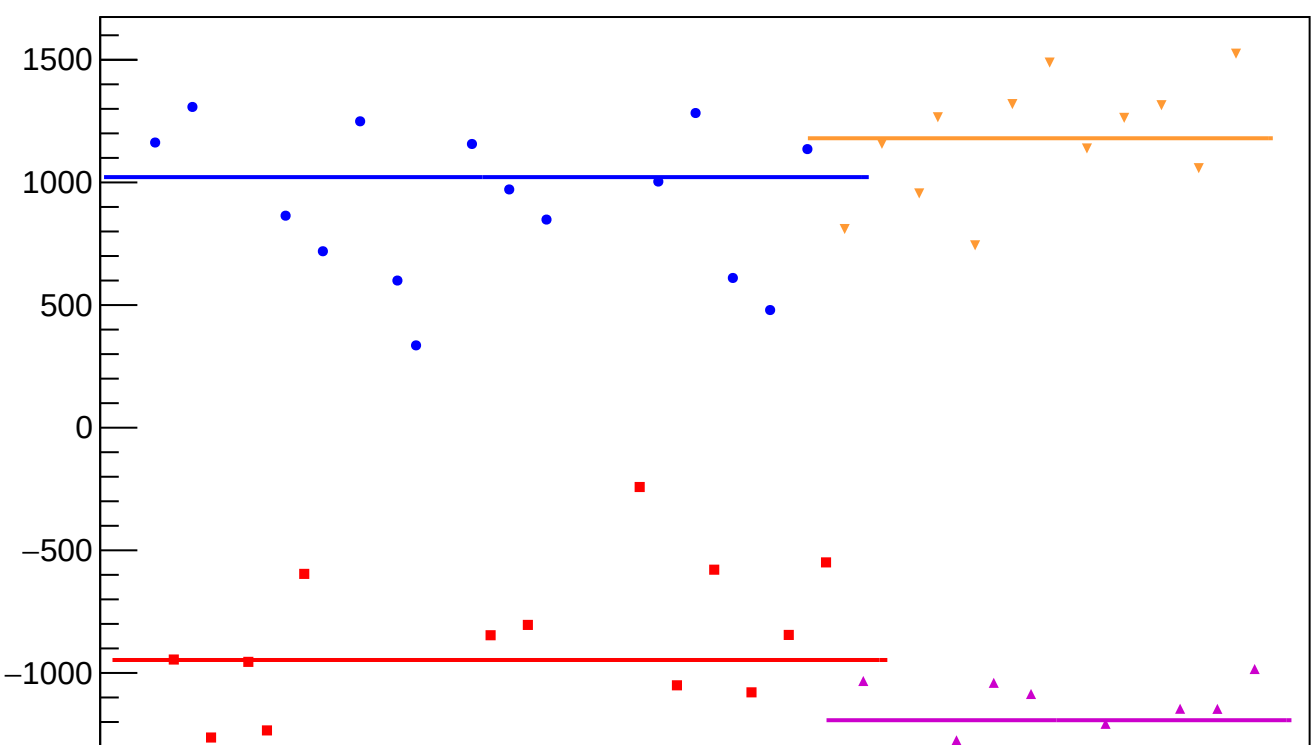
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

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

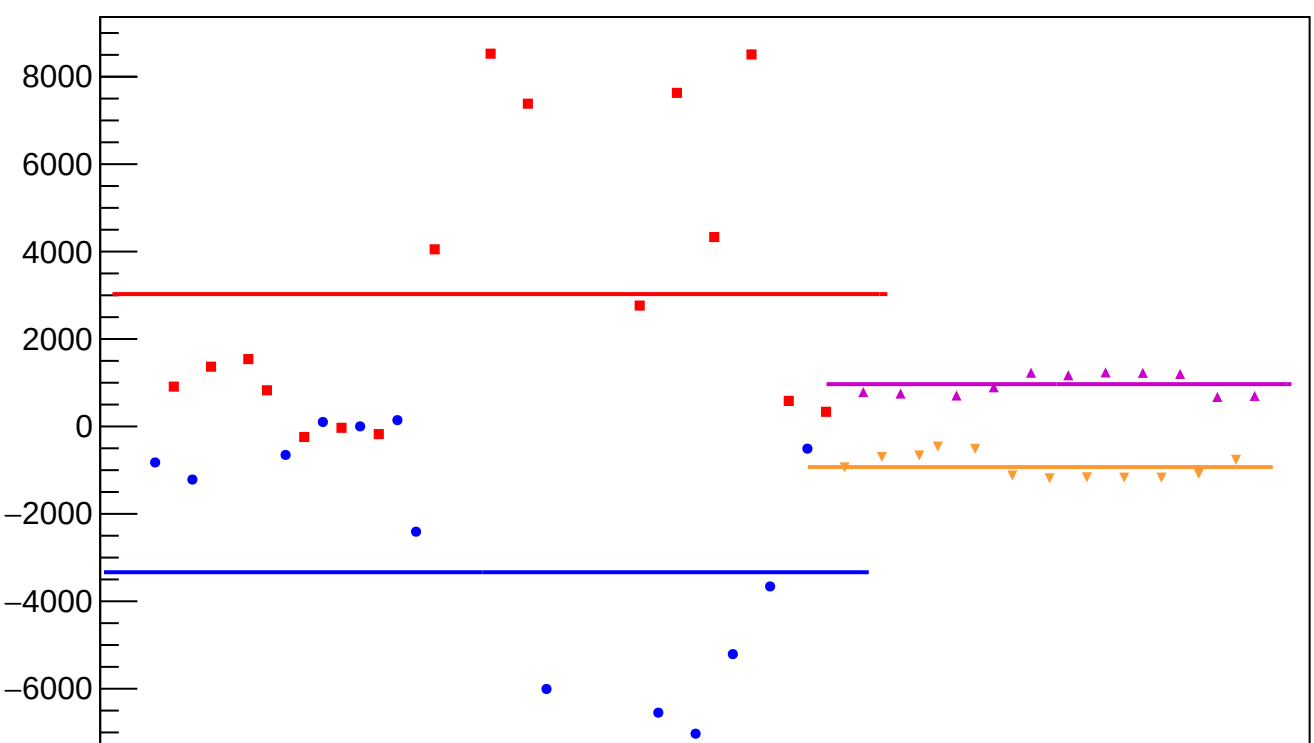
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

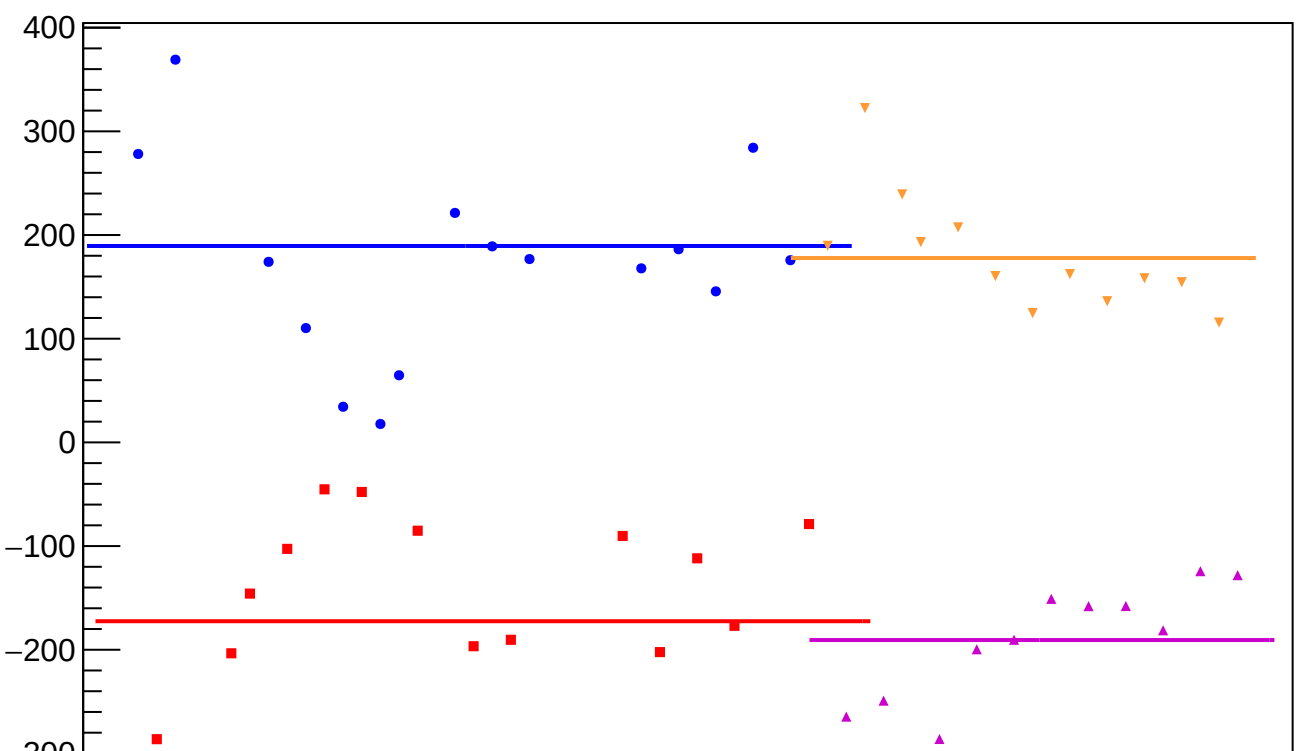
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

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

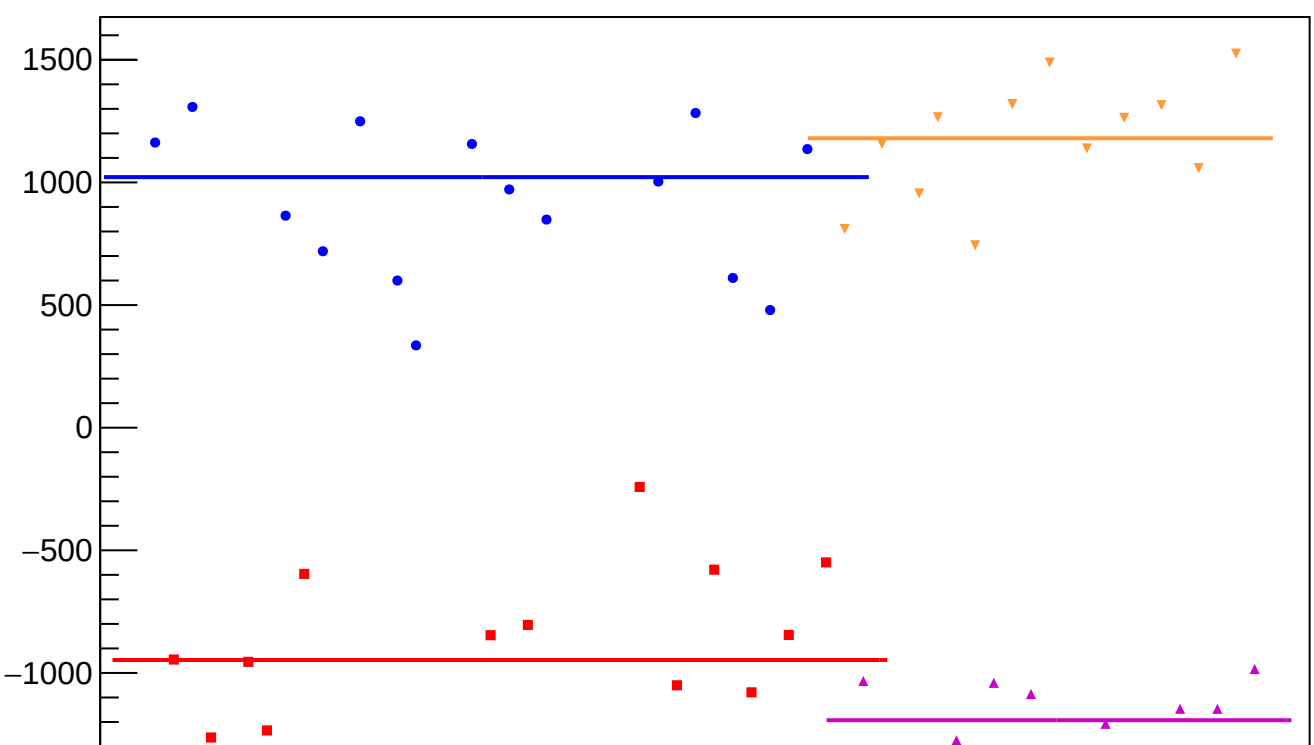
Right Out: -172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

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

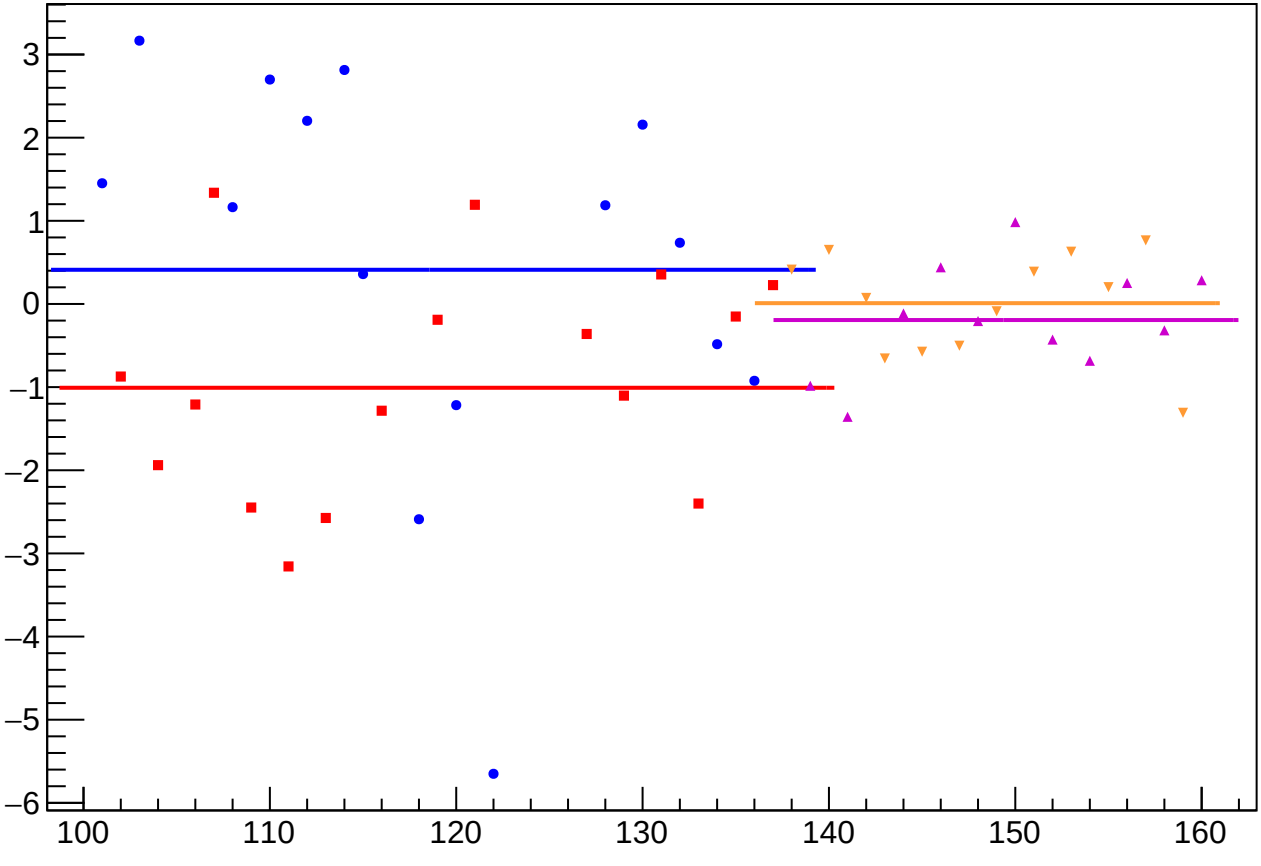
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

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

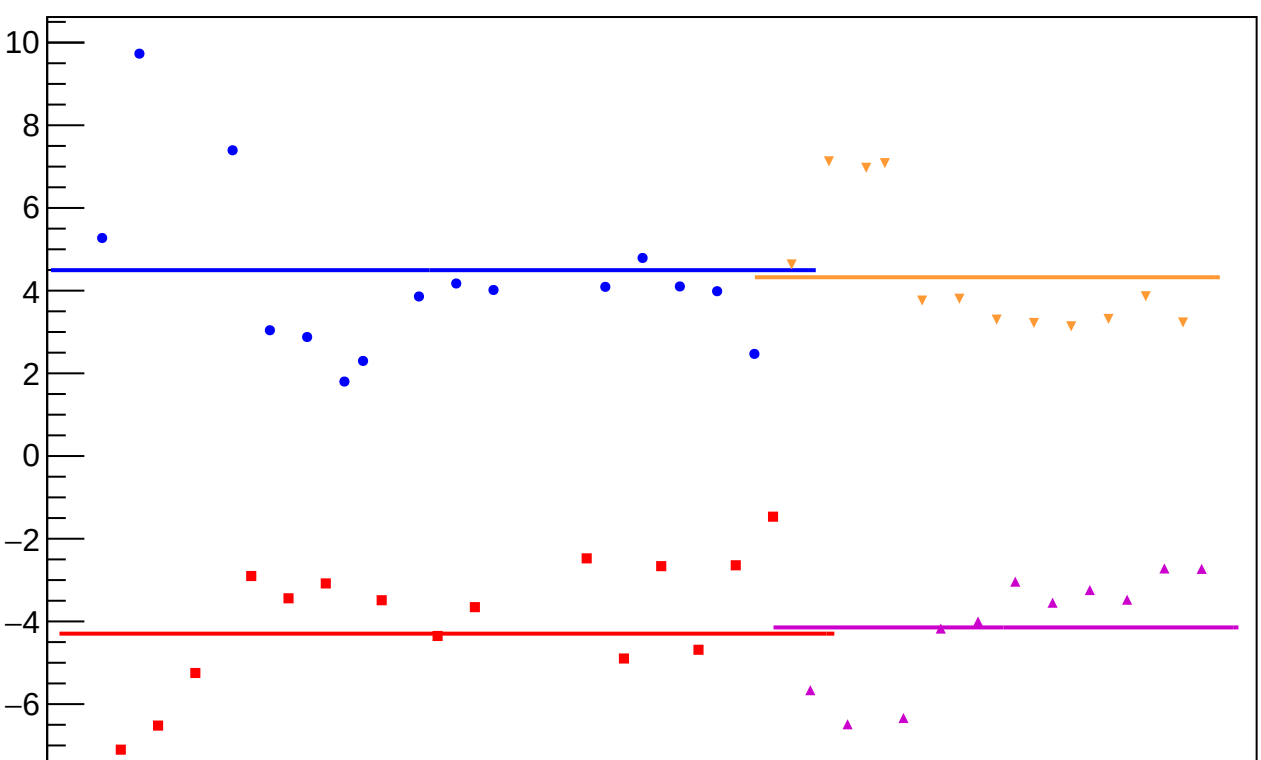
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

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

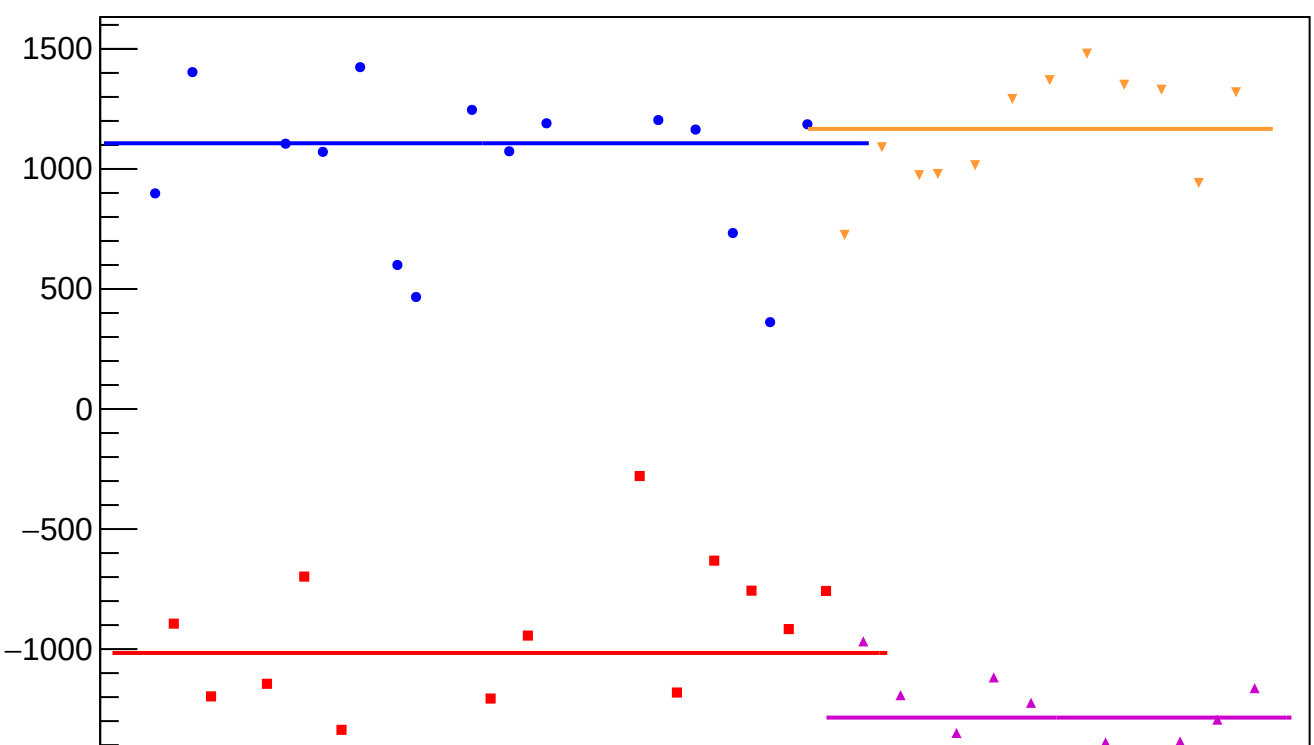
Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15

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

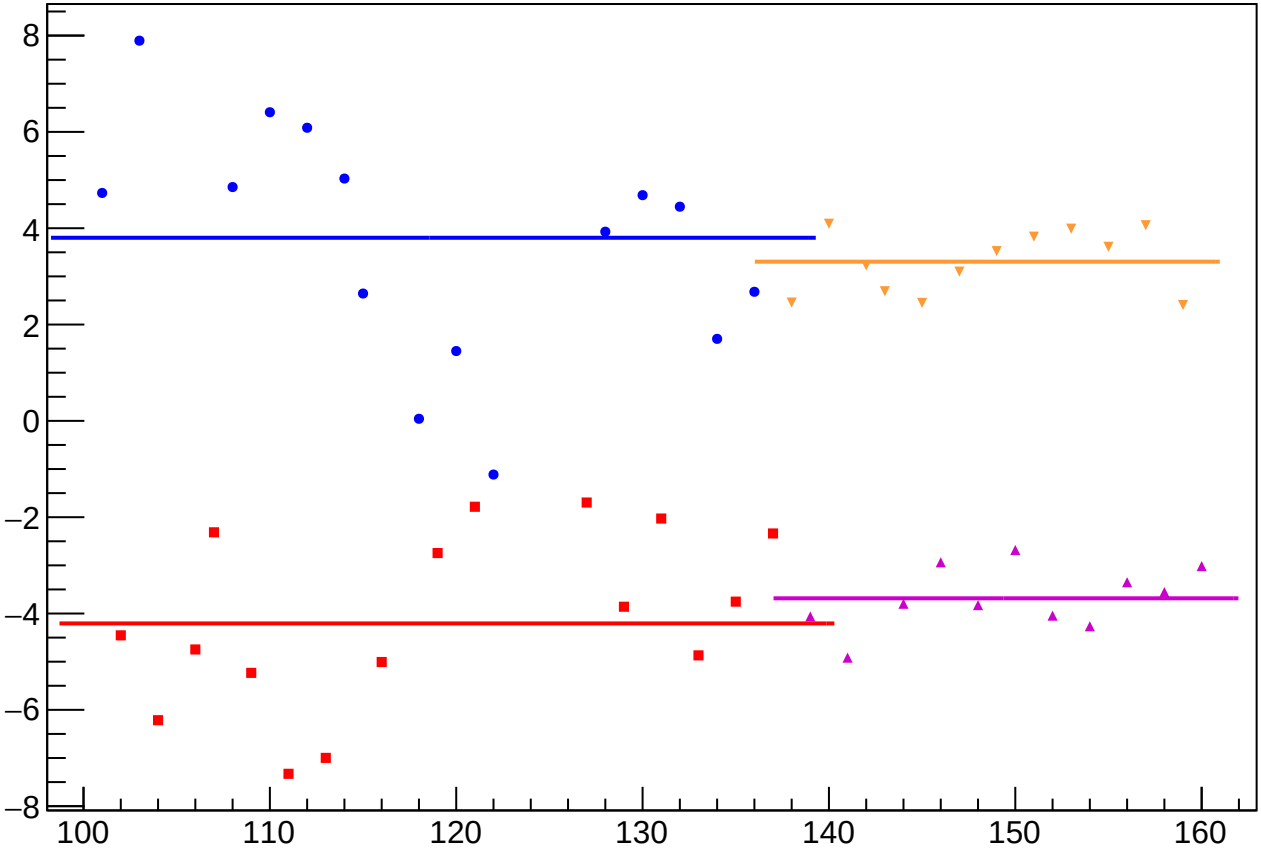
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

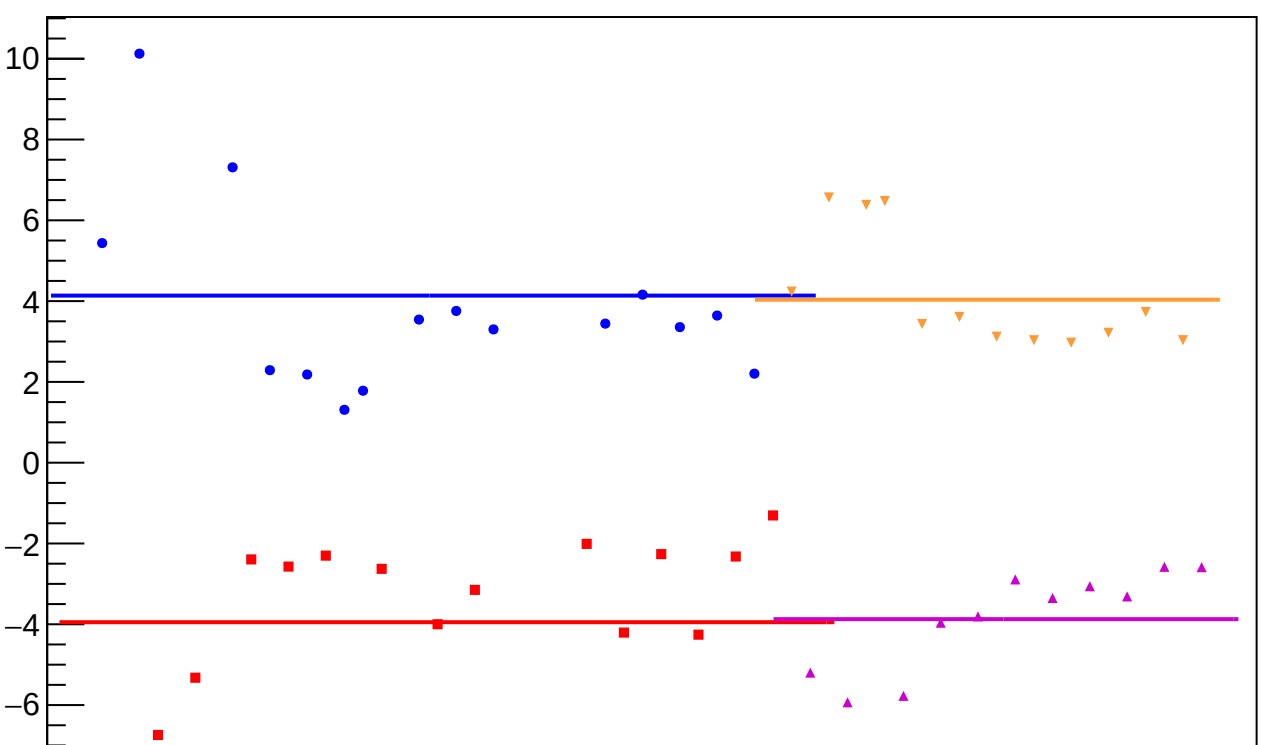
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

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

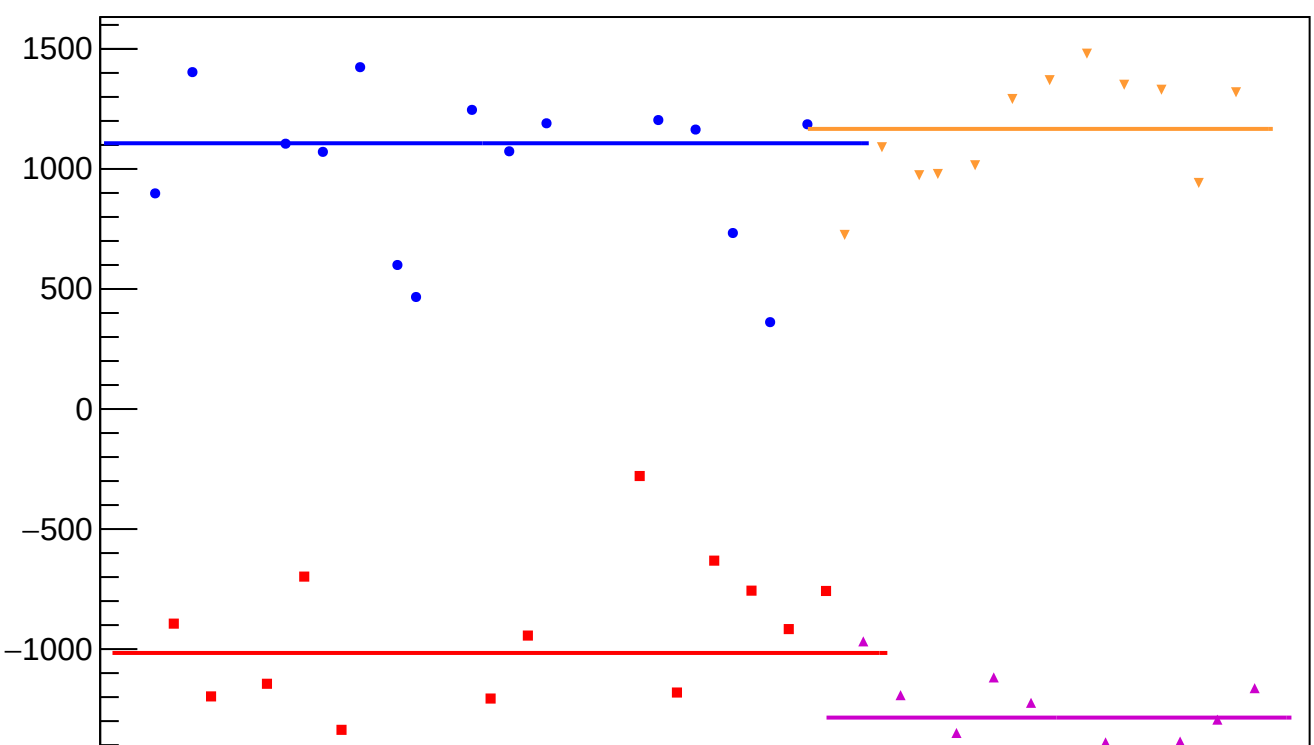
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005145 6.0/15

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

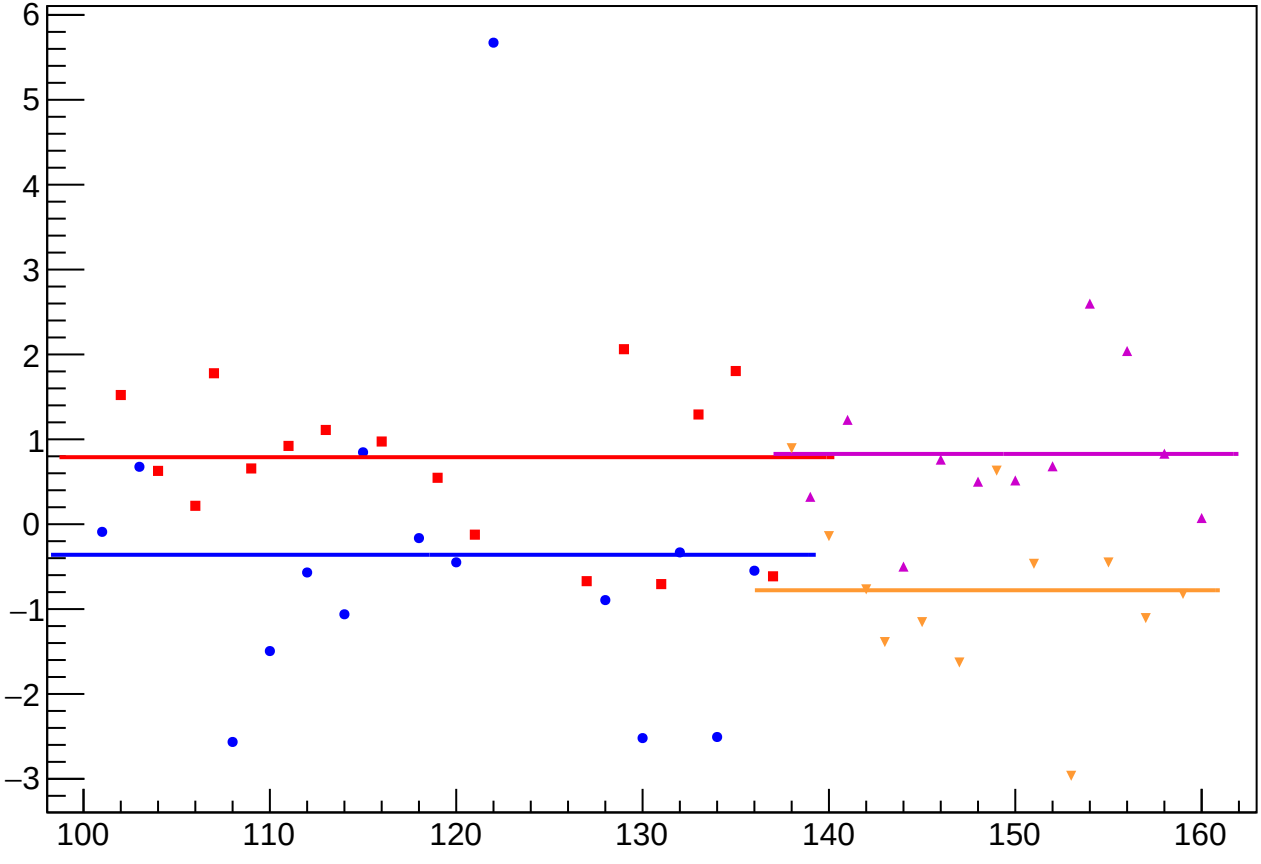
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

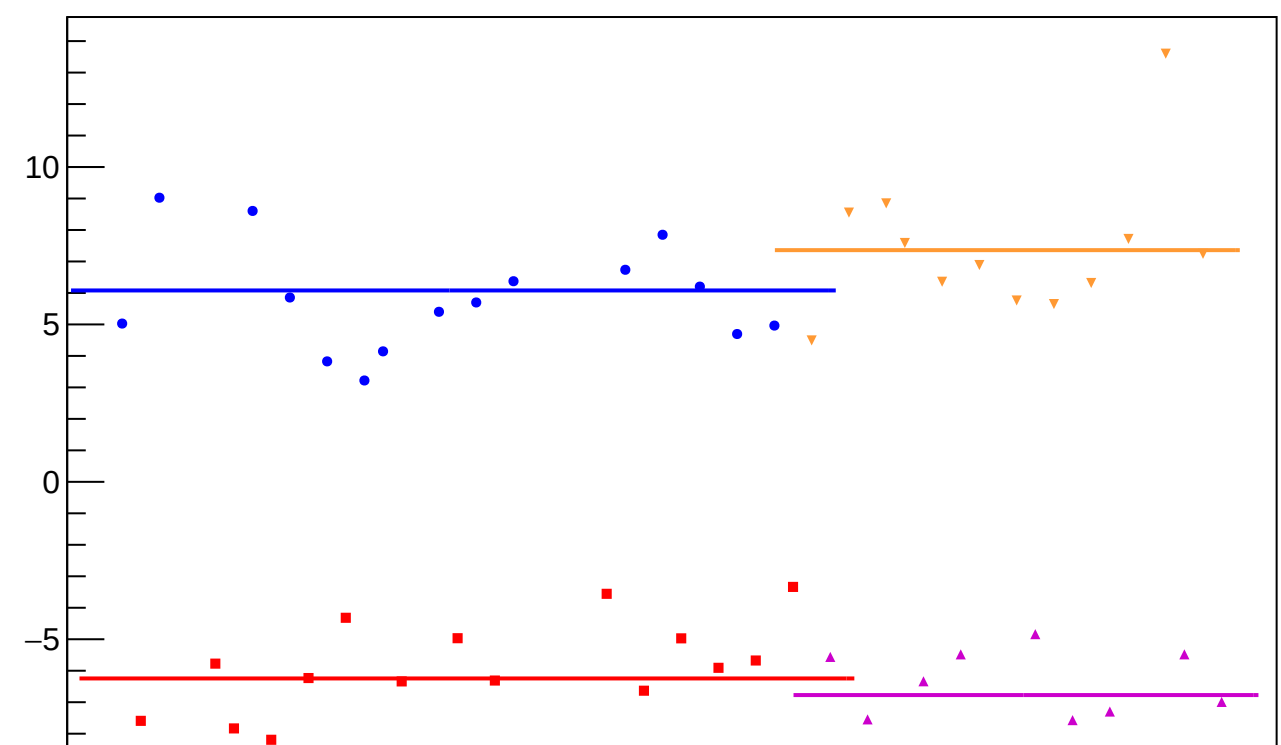
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

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

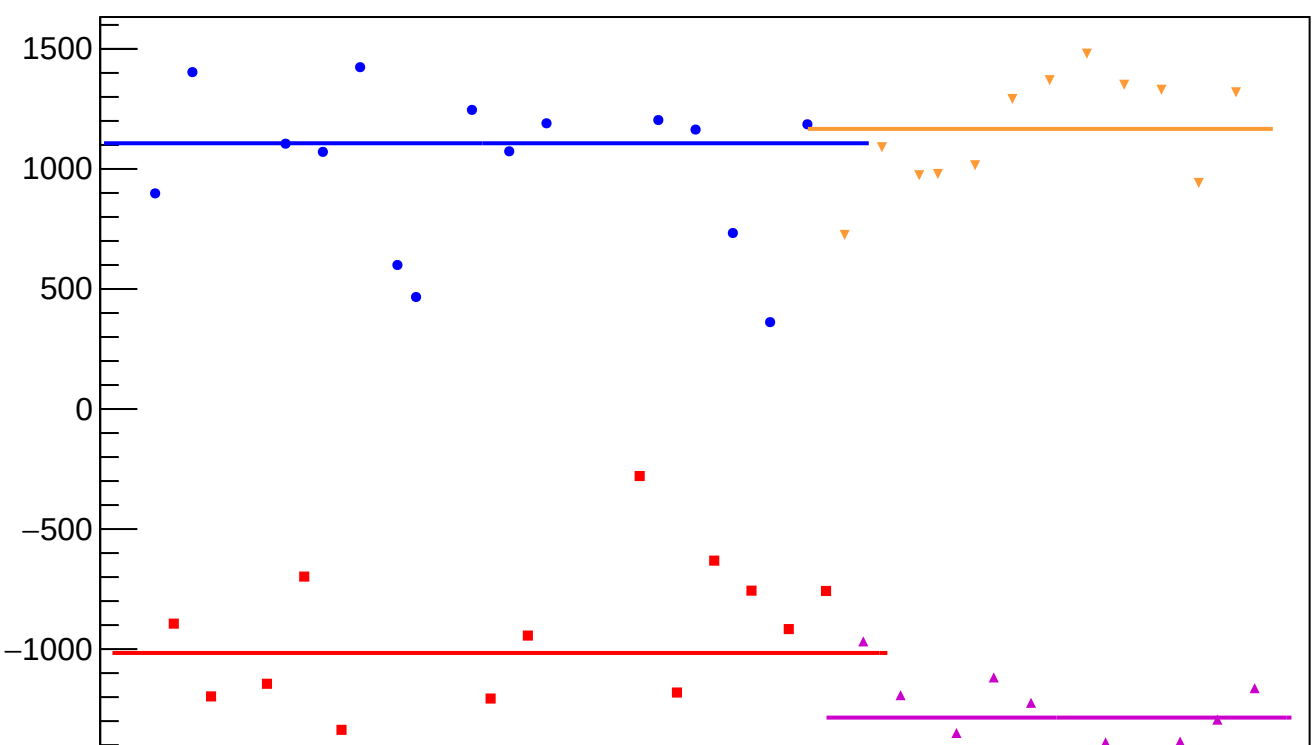
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866

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

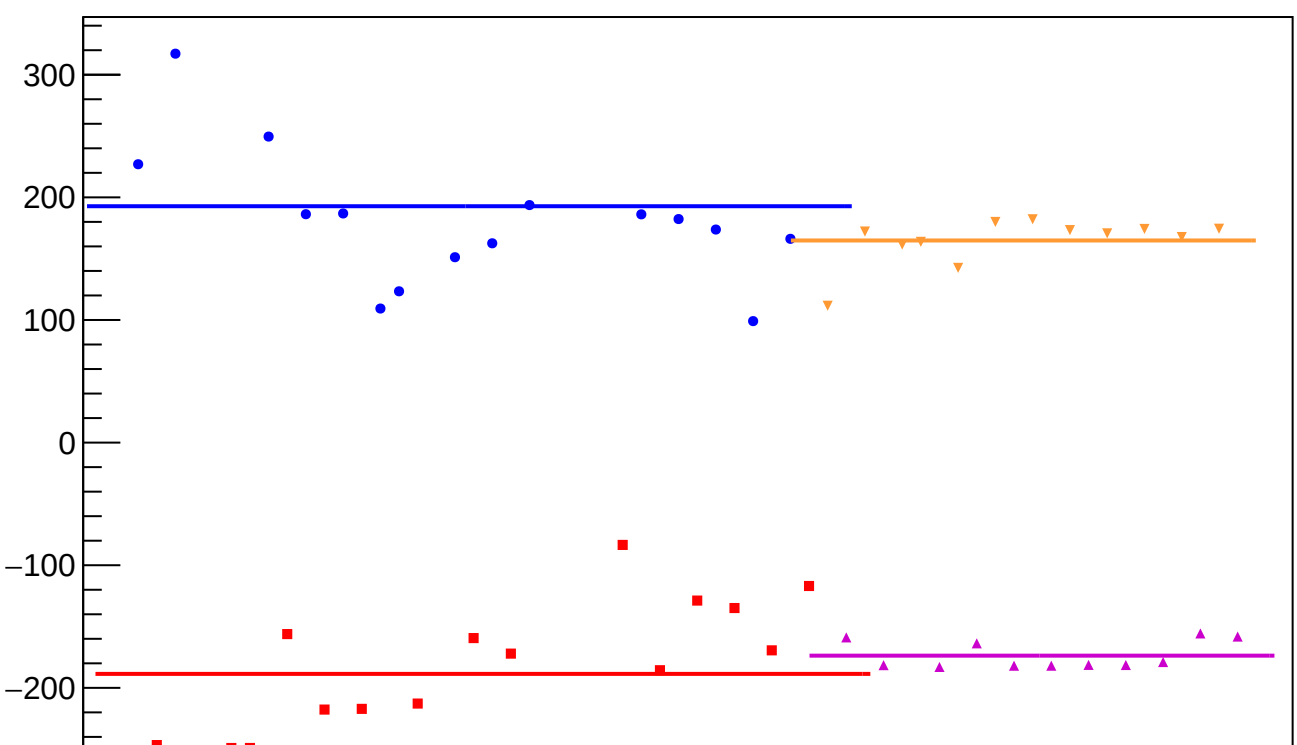
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

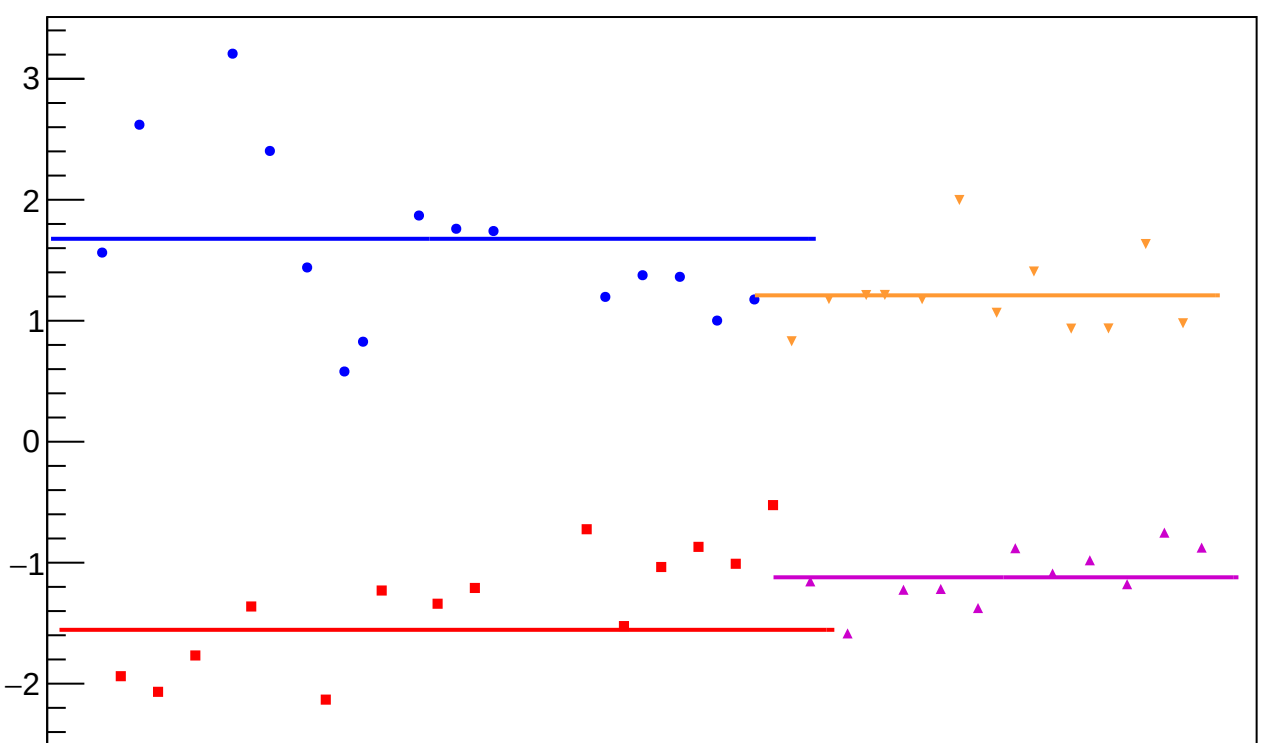
All: -25.499+/-0.000 χ^2/NDF: 443493791328

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

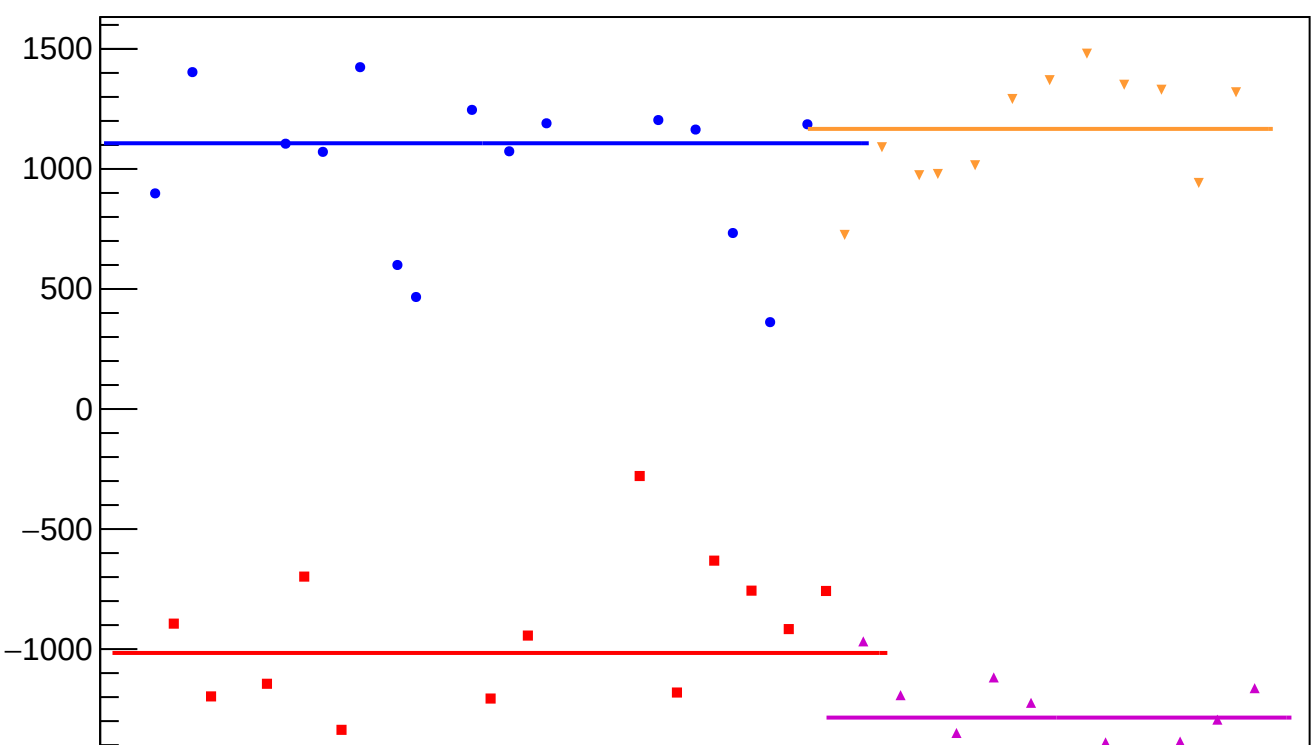
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

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

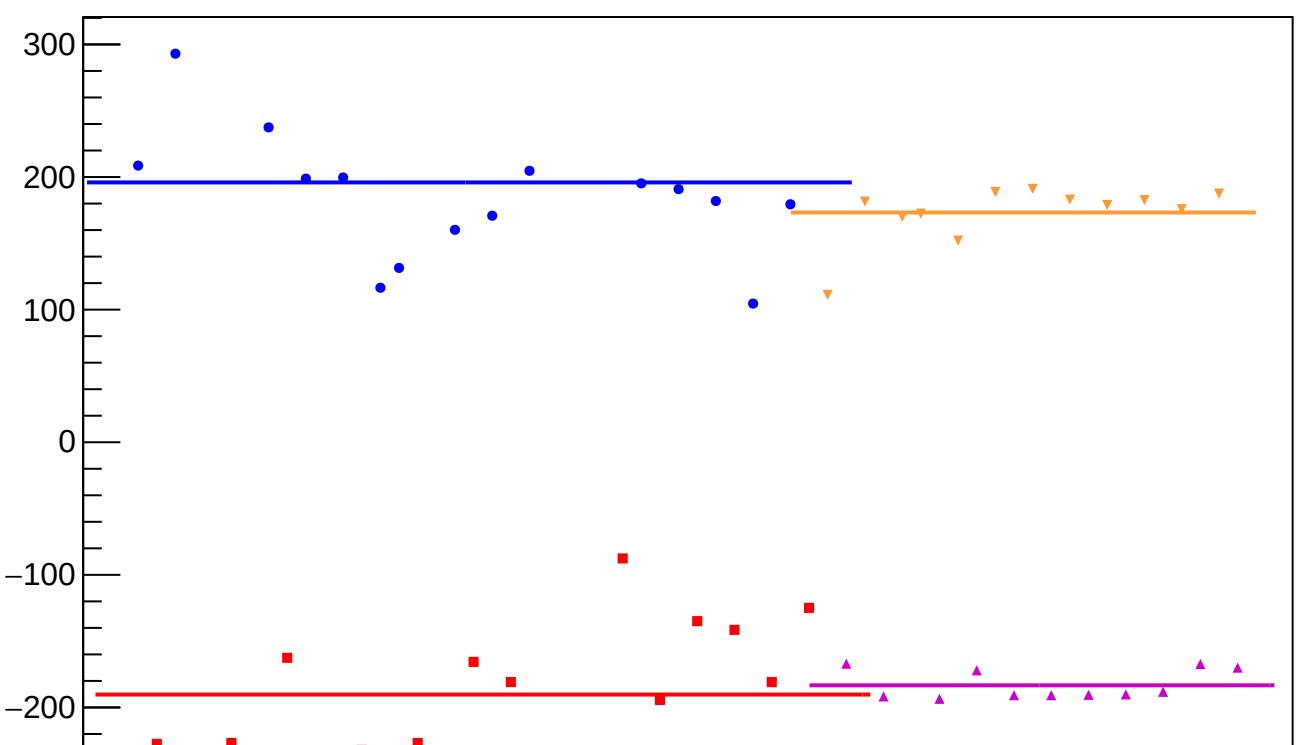
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

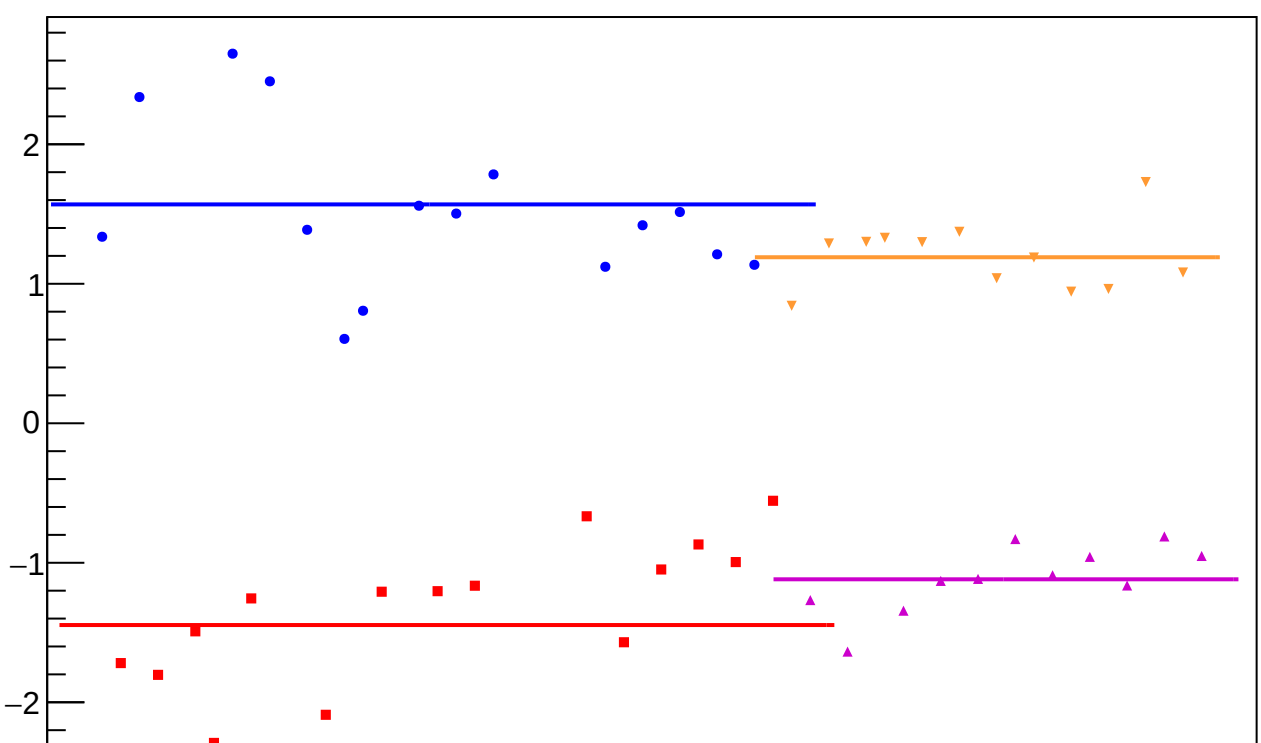
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

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

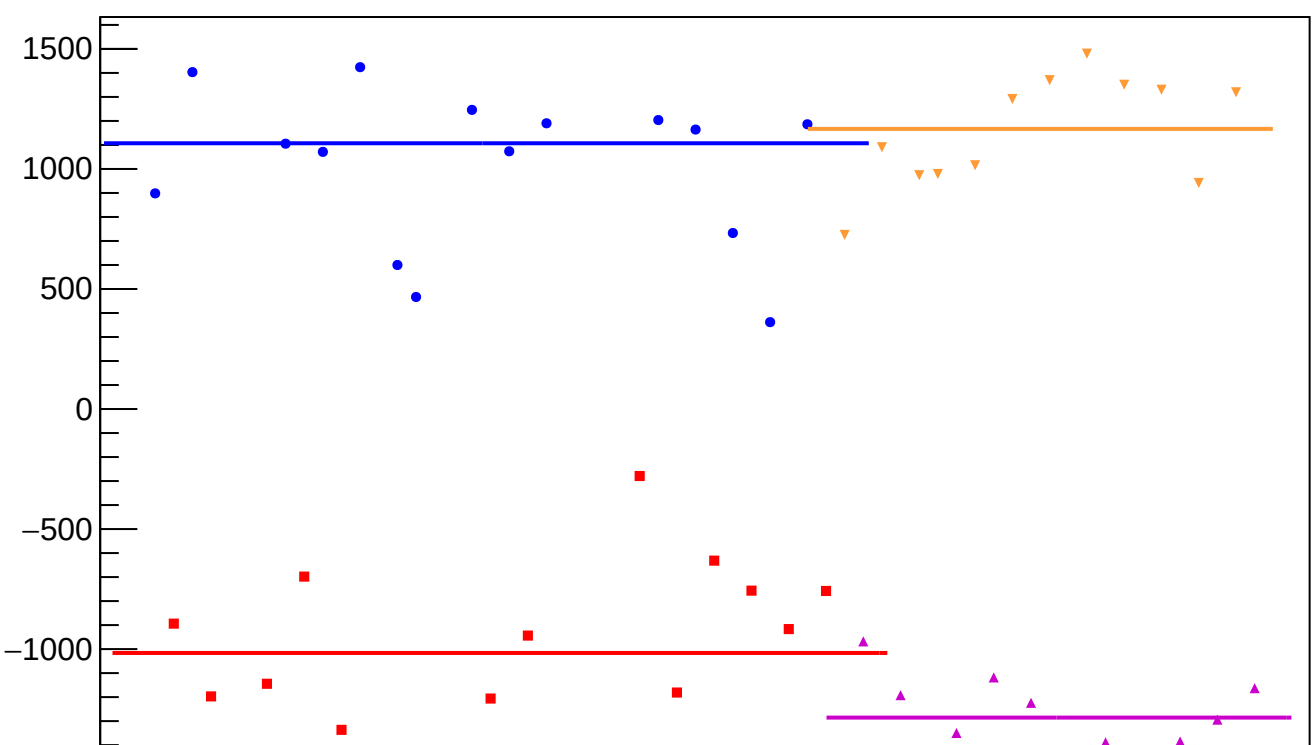
Right Out: -1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

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

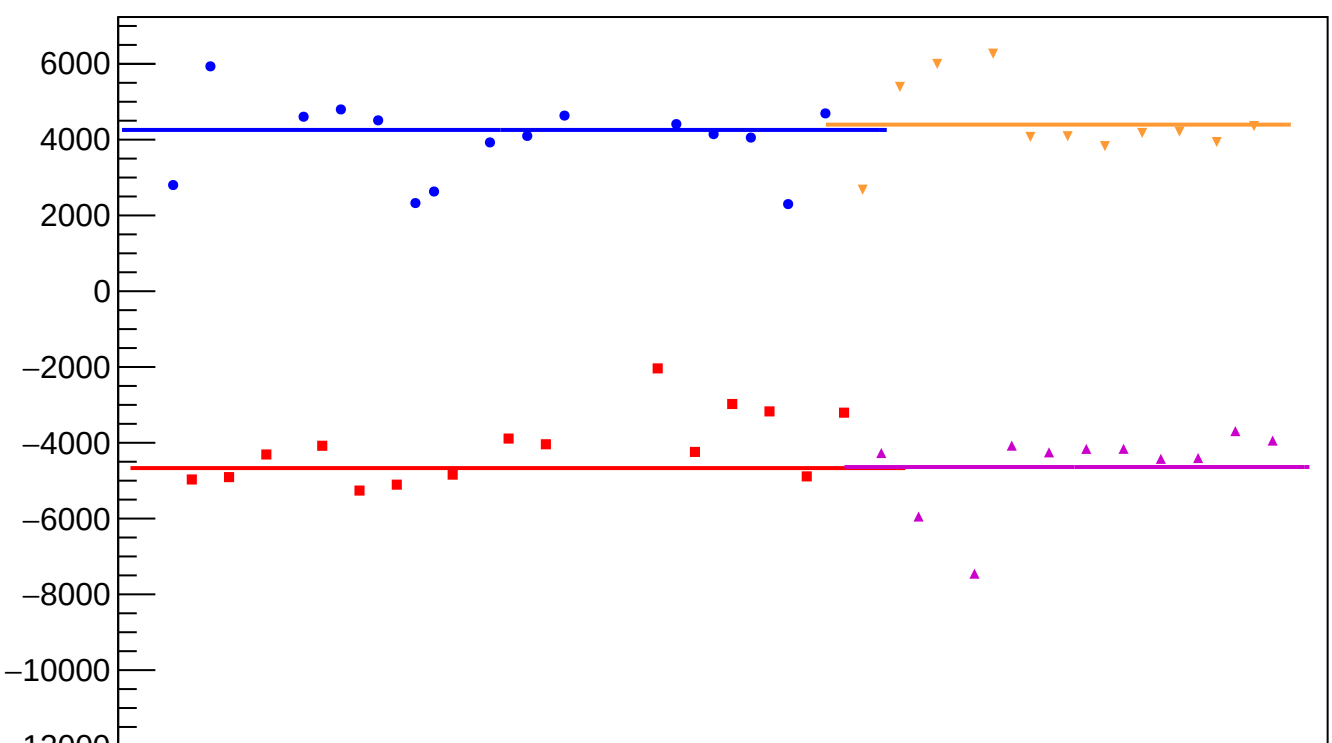
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

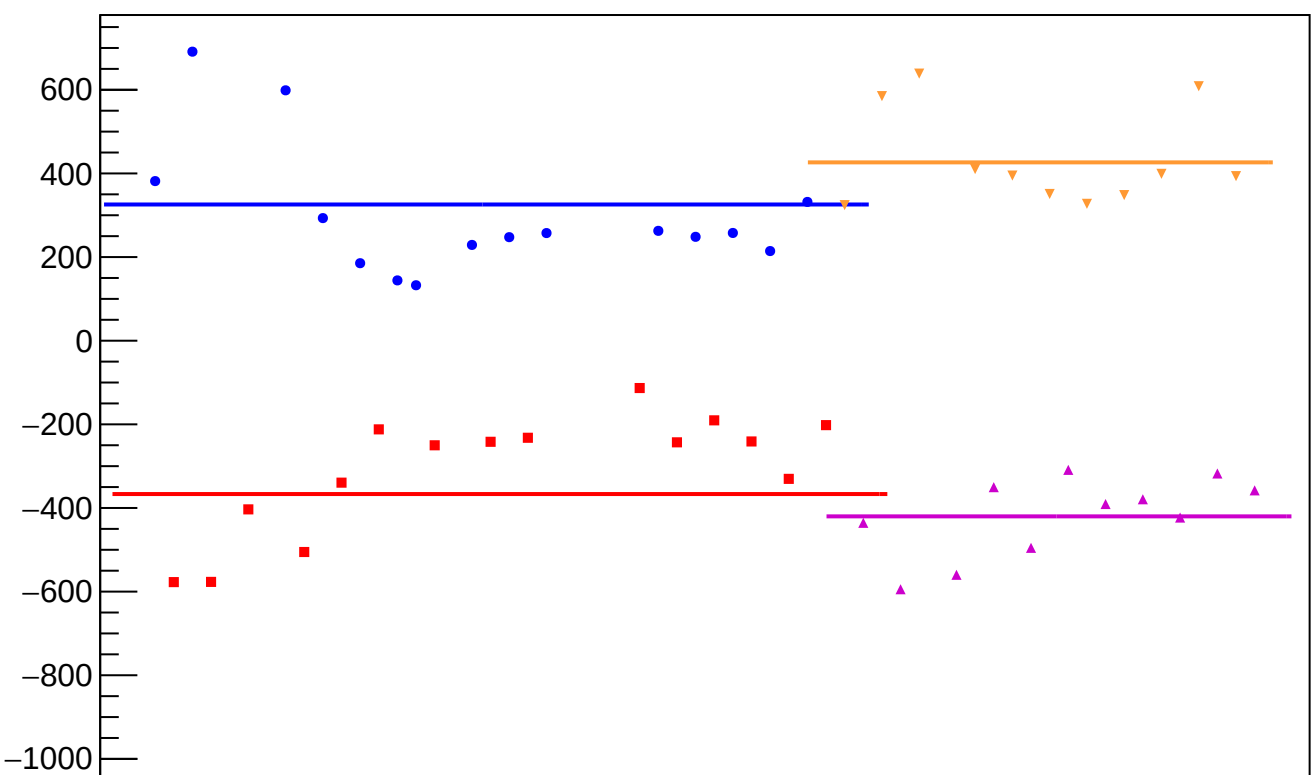
Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

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

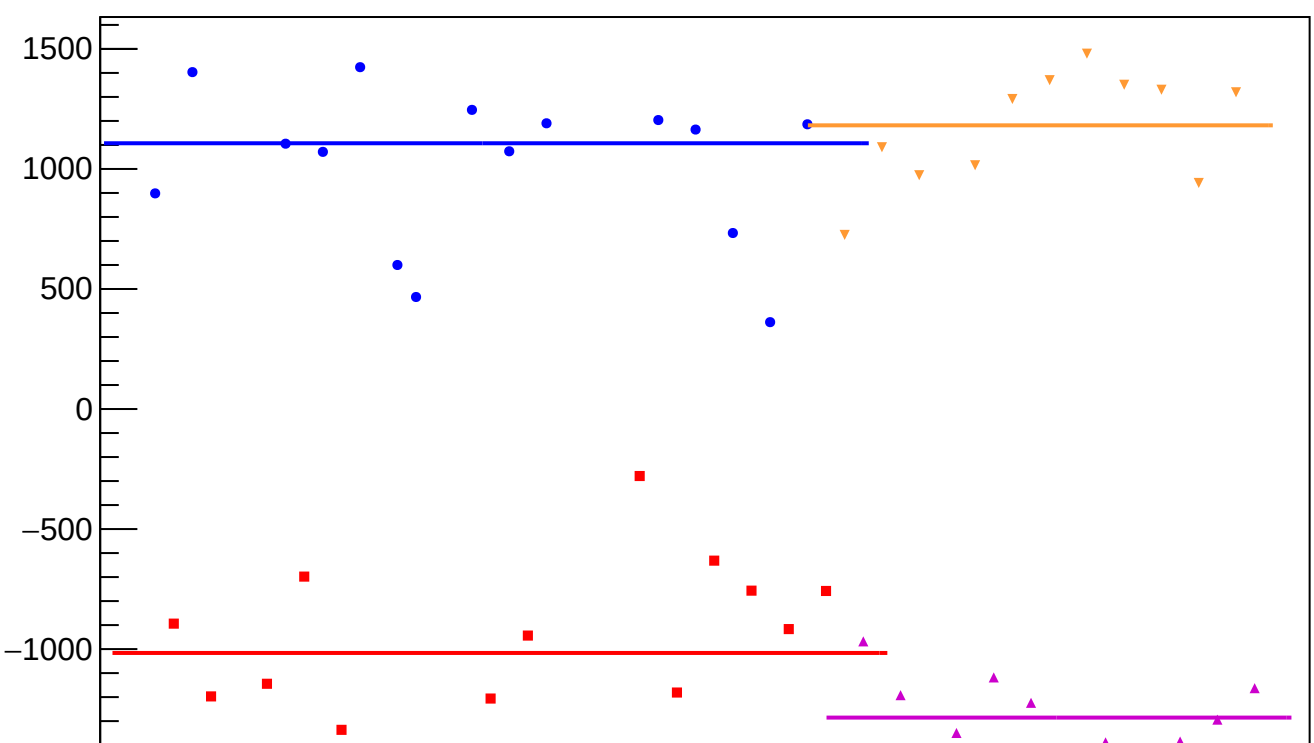
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

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

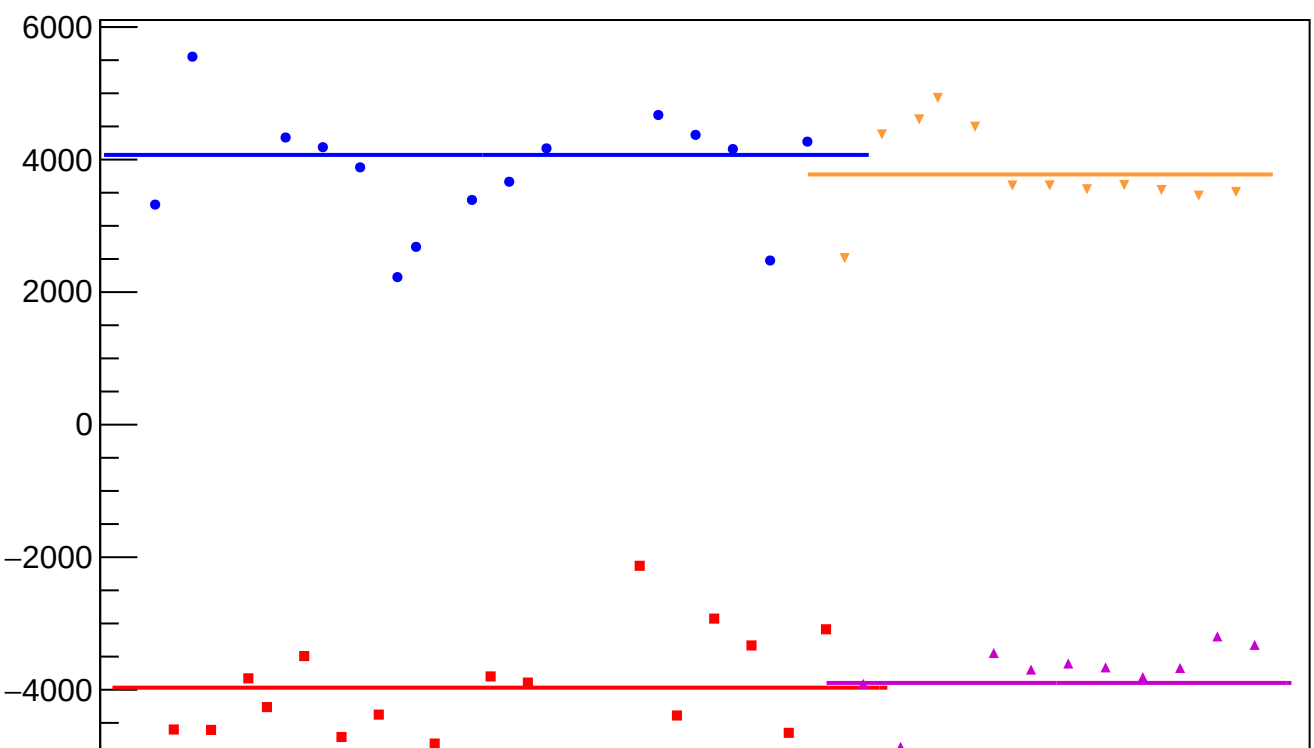
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 213.458+/-0.000 χ^2/NDF:1917151568298922

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

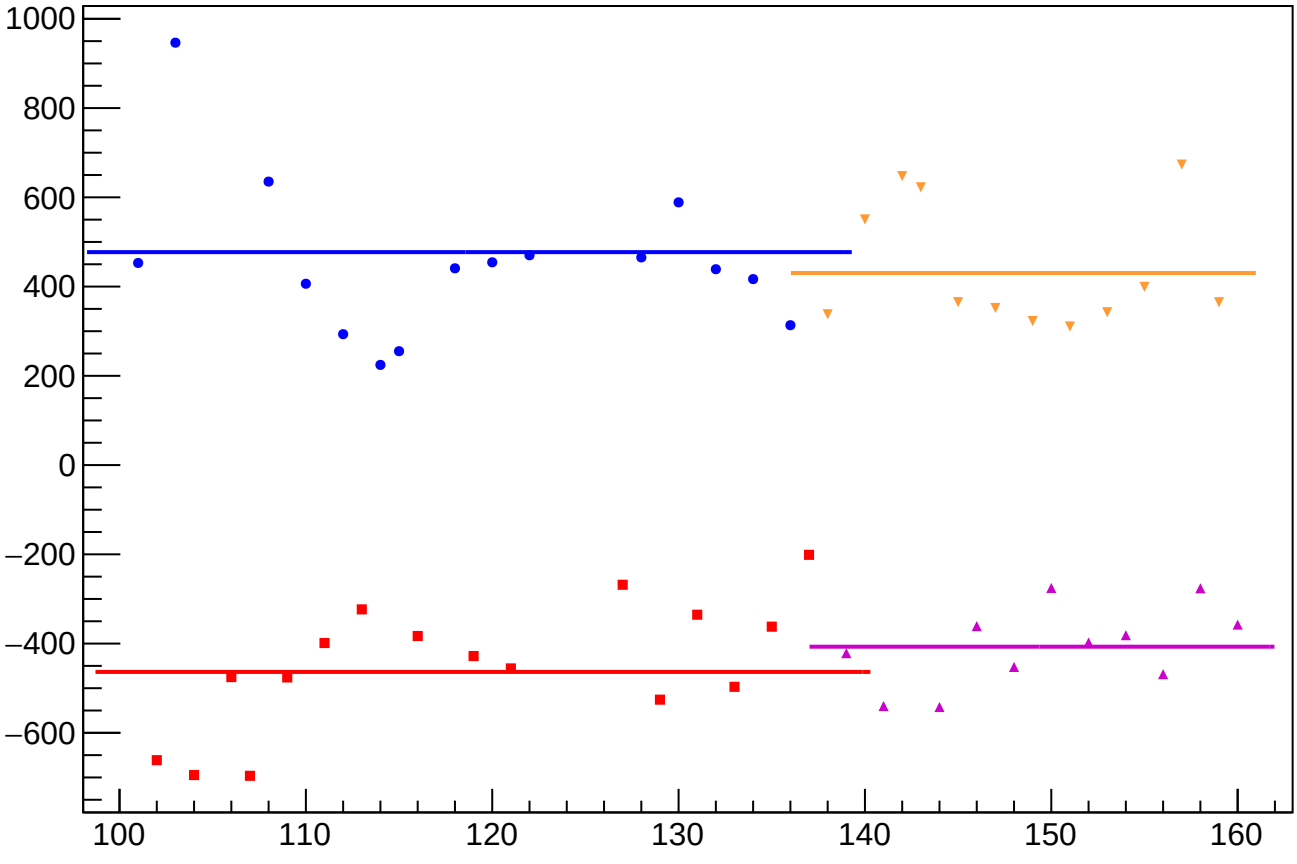
All: -47.303+/-0.000 χ^2/NDF: 436585203886

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

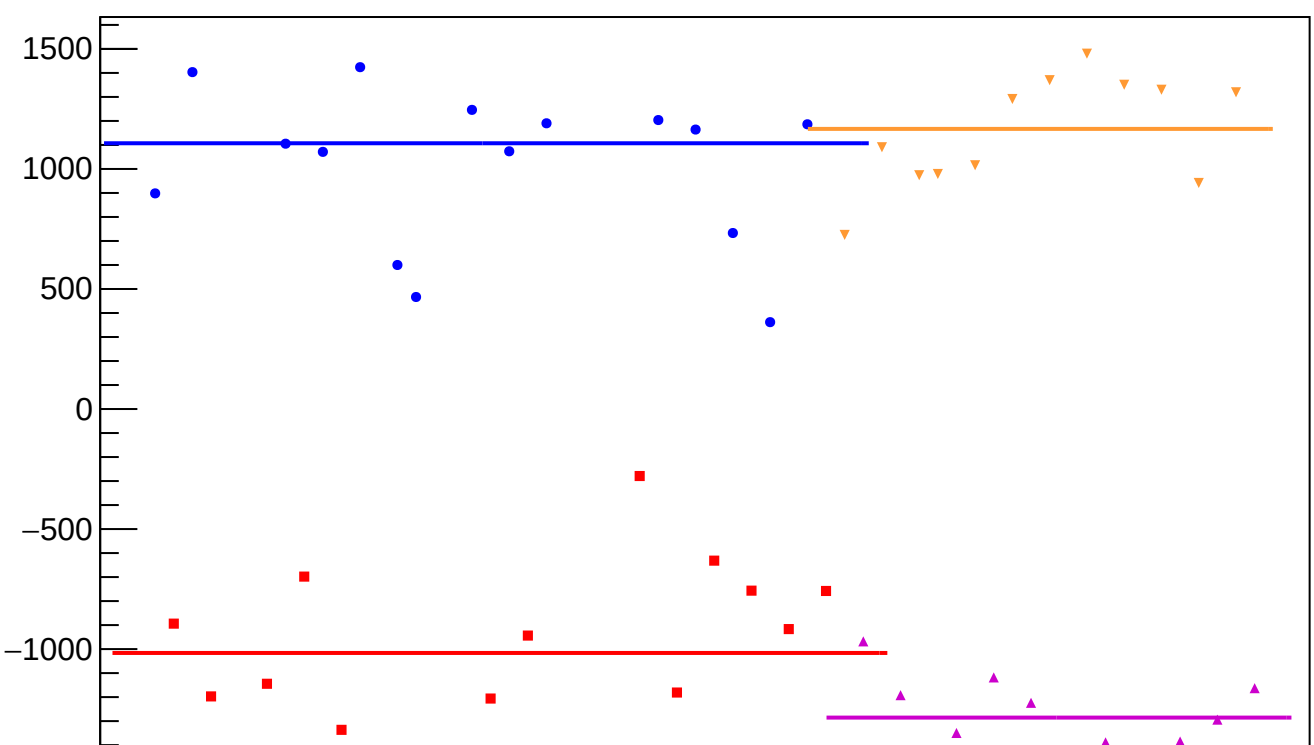
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

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

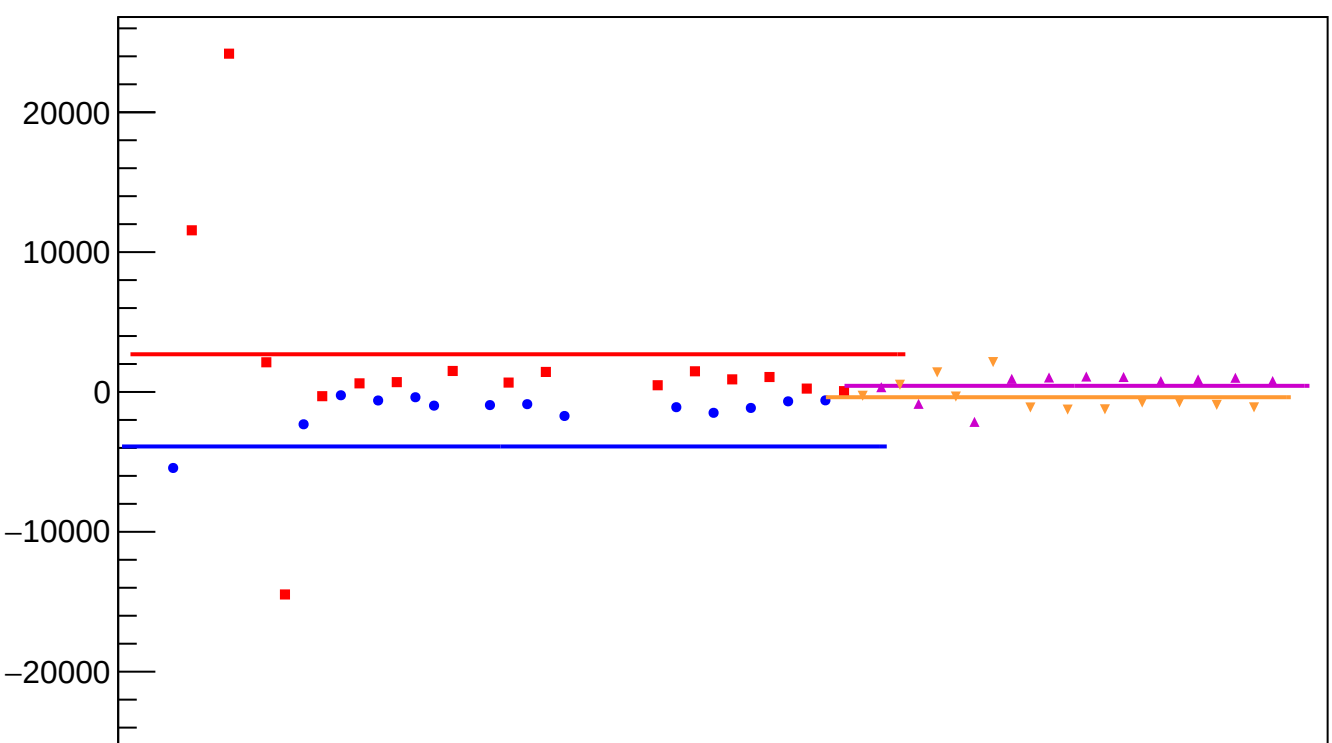
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

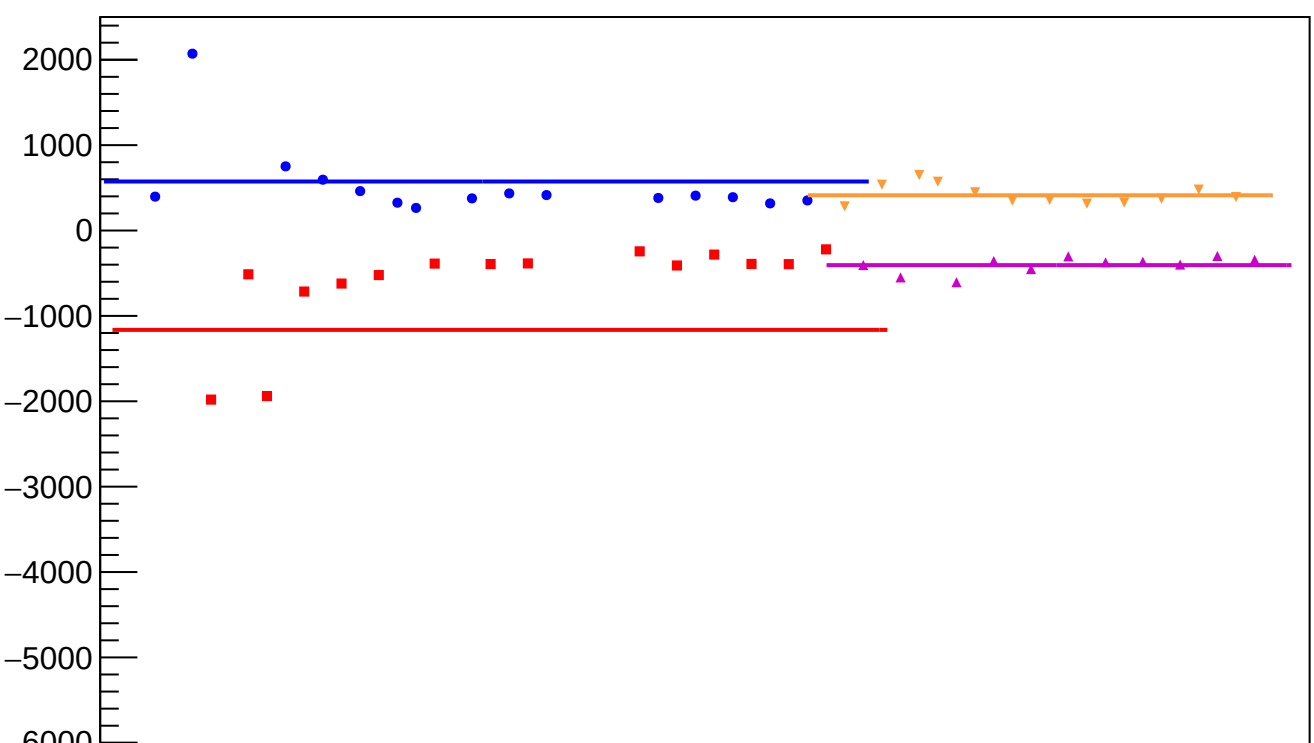
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl1_coil4_mean vs Slug, Sign Corrected



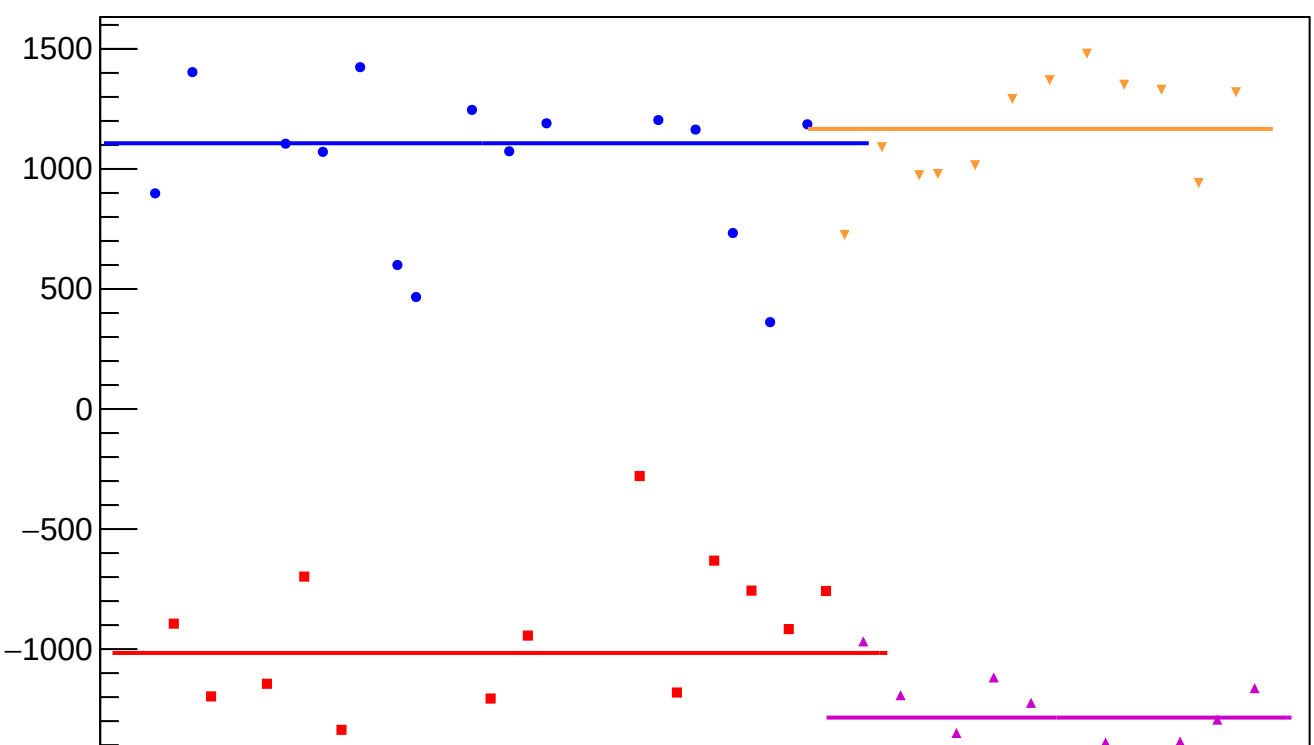
Left: 34.146+/-0.000 χ^2/NDF: 2184653590245034
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 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

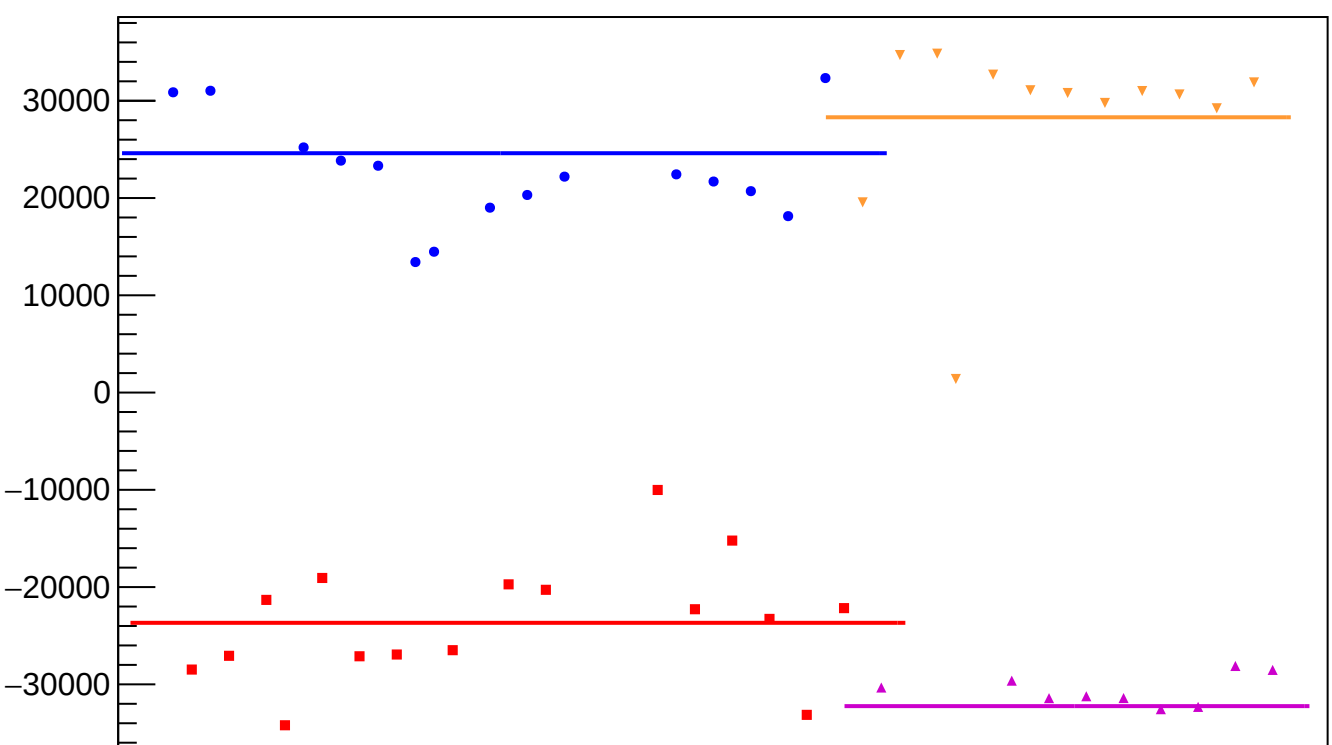
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

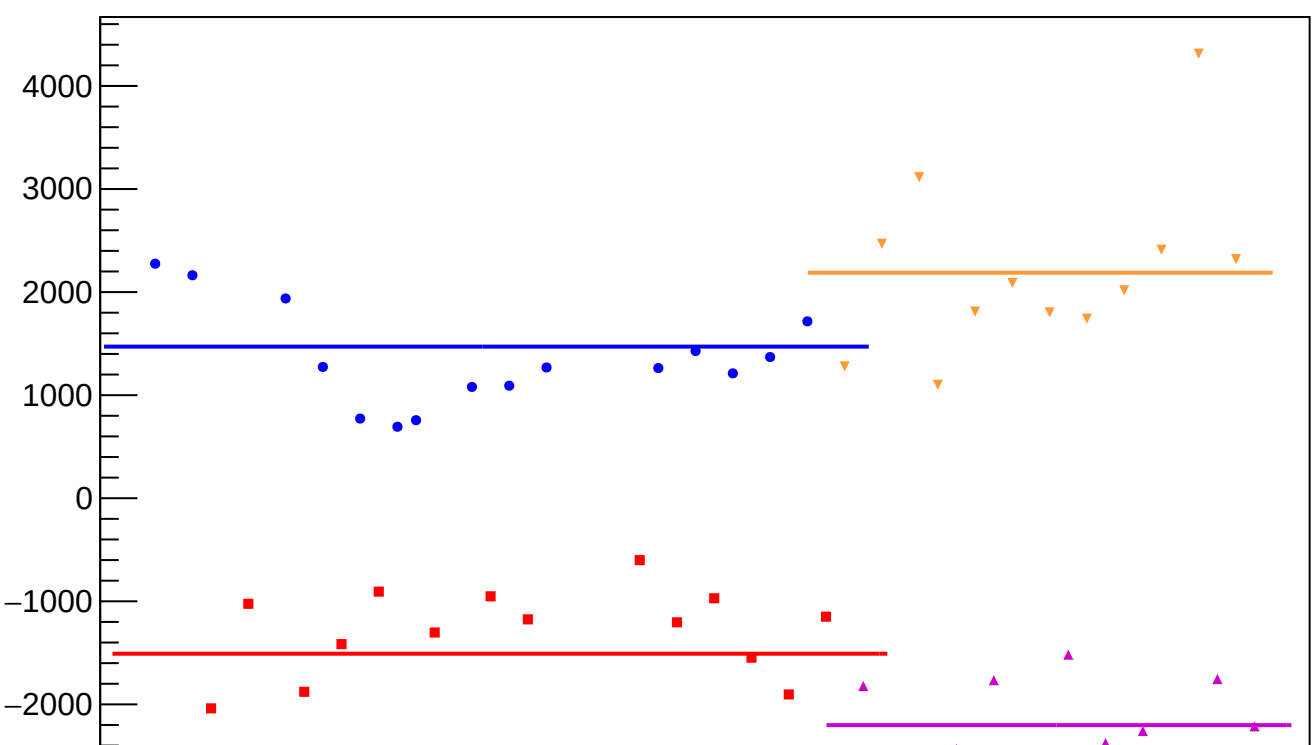
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

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

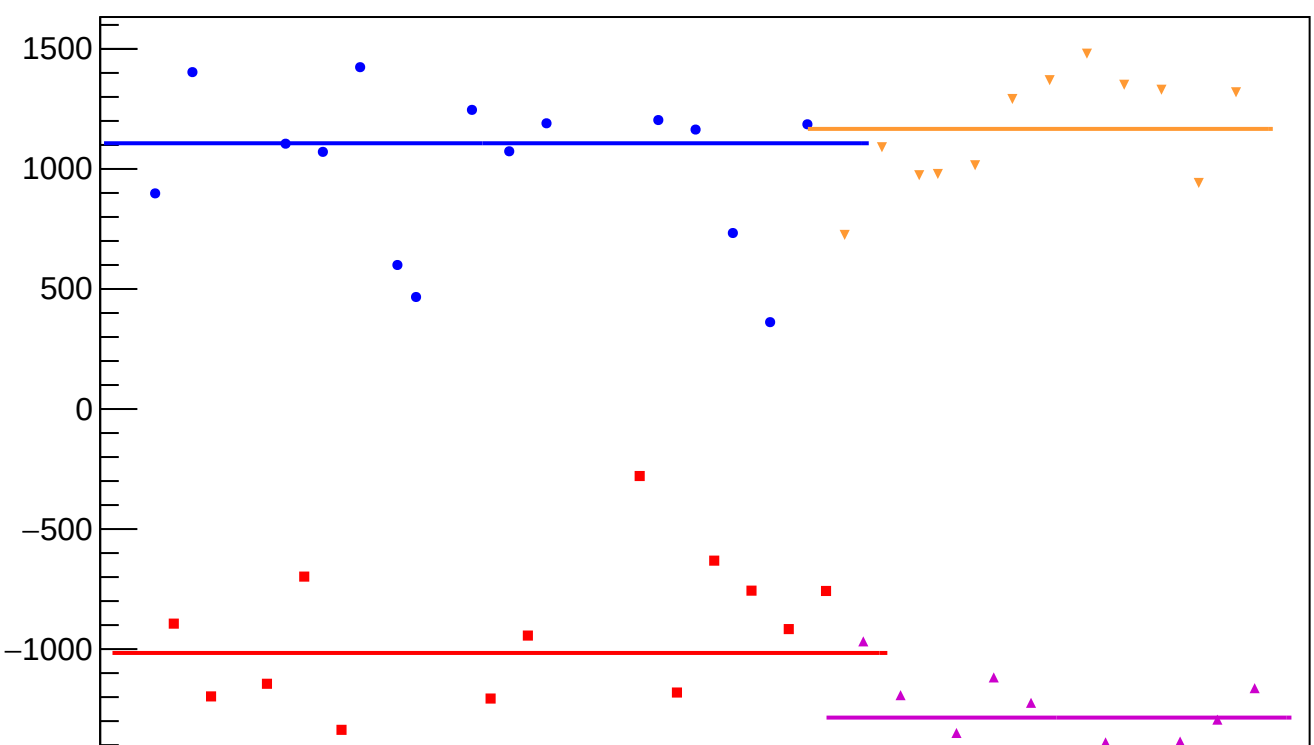
Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

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

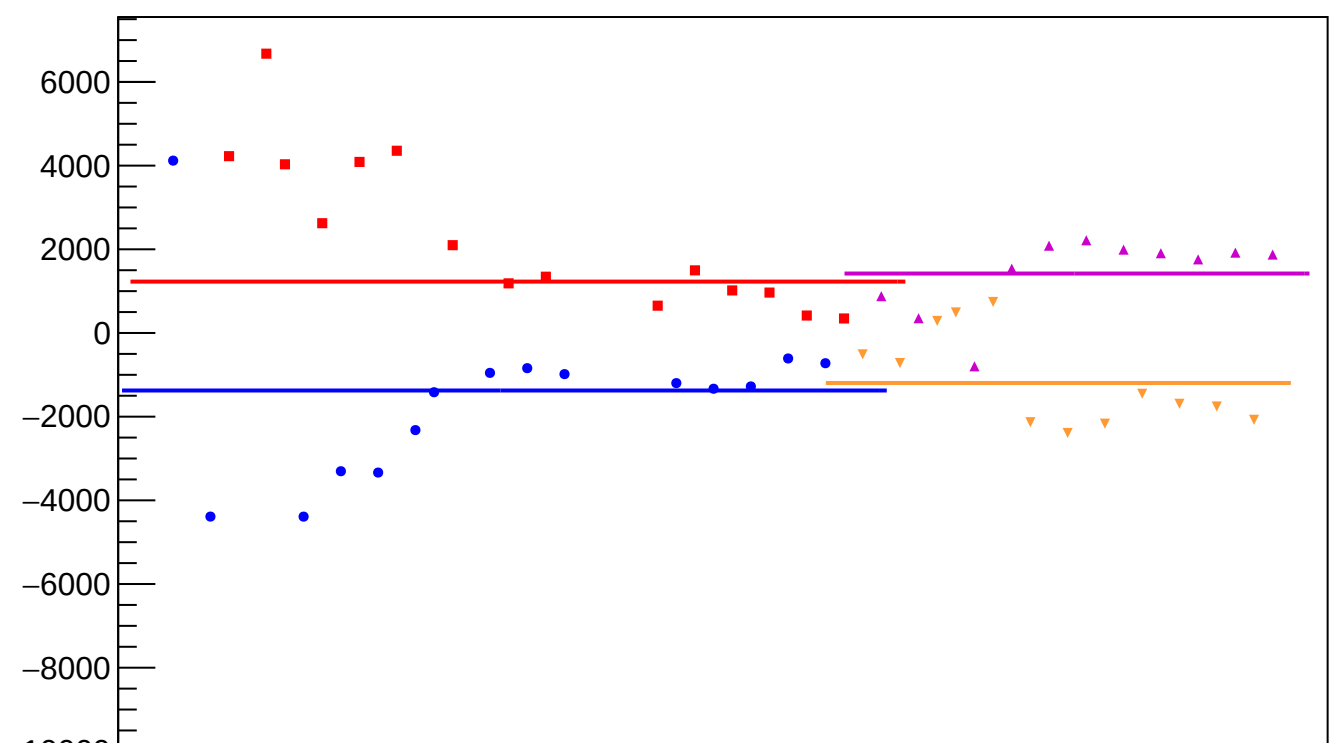
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

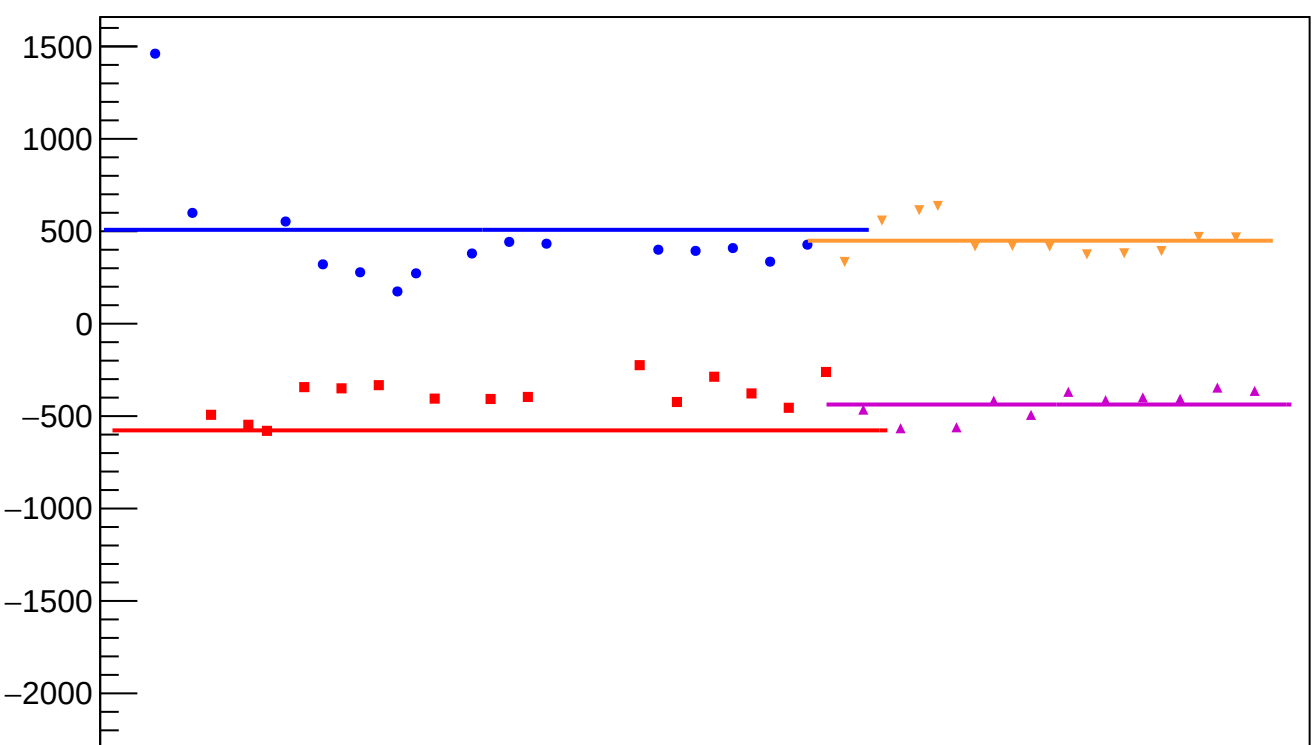
Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: -172.811+/-0.000 χ^2/NDF:143918754957920

Left In: 1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

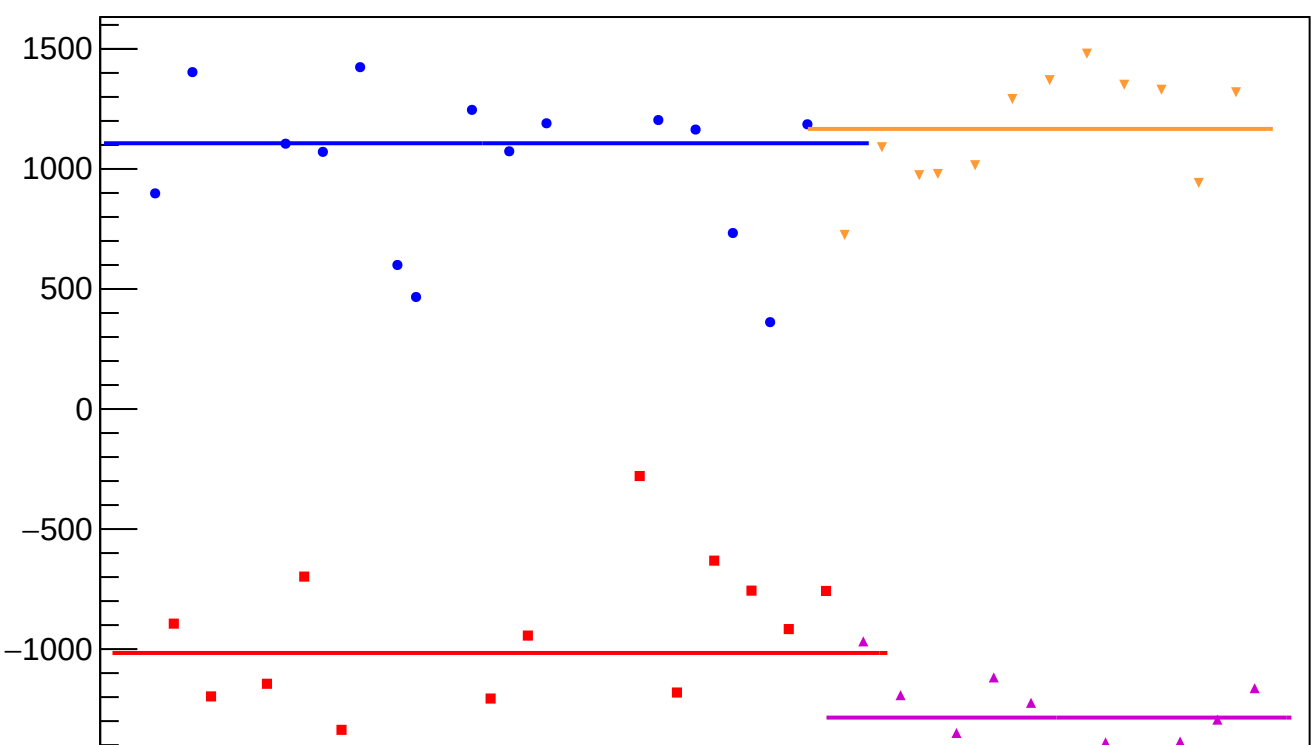
All: 46.783+/-0.000 χ^2/NDF: 2134436142325

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

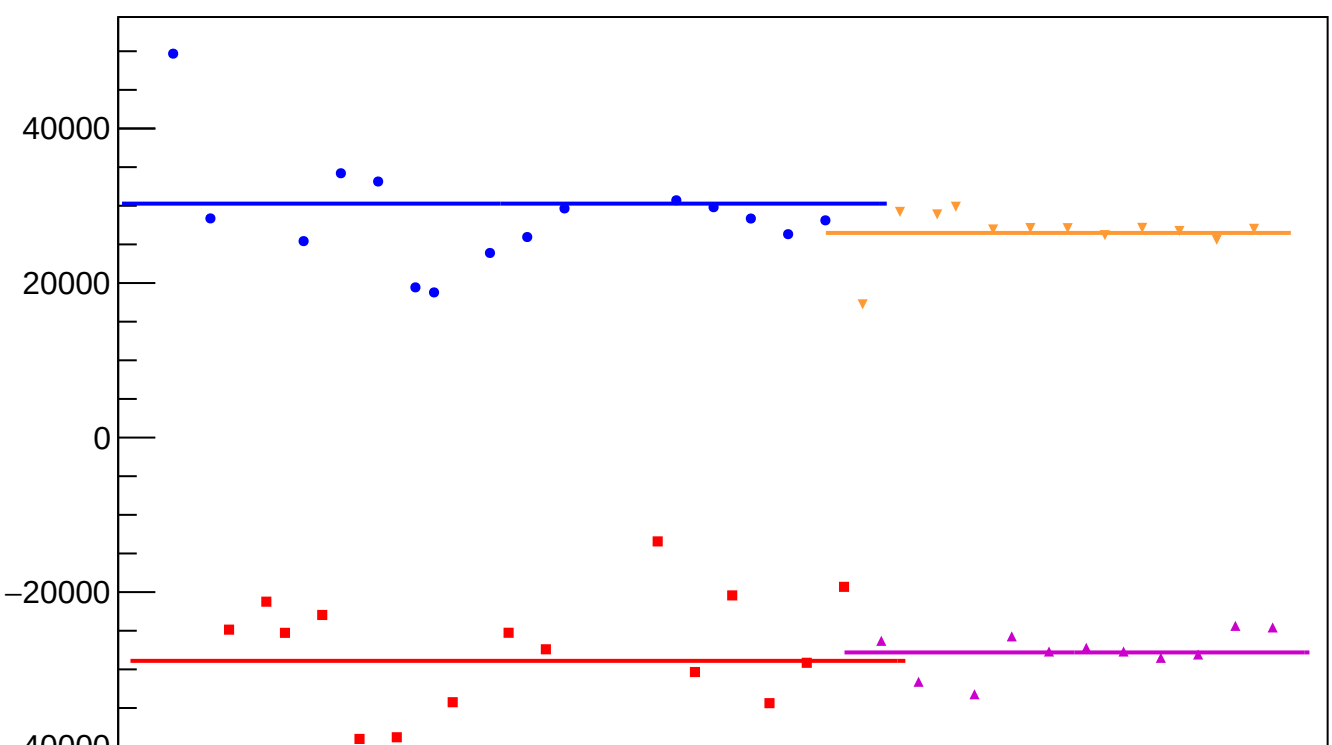
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

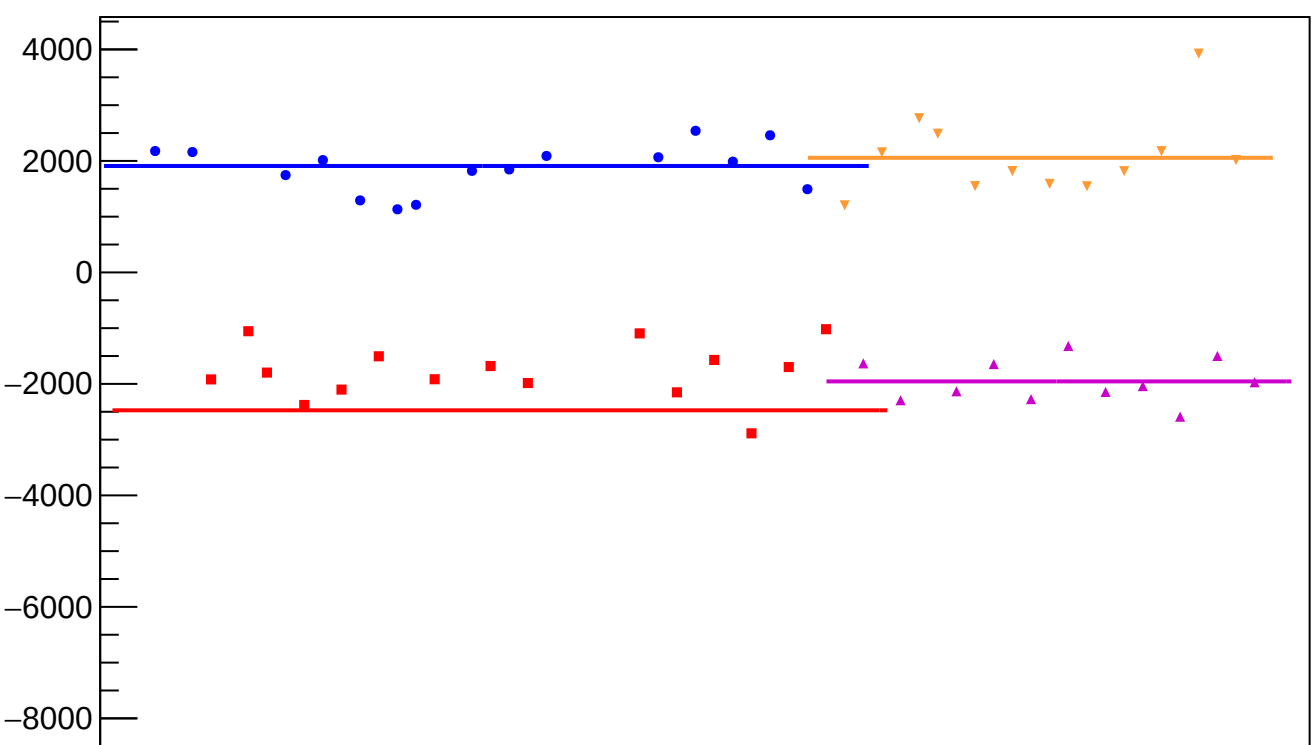
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Out: 3121.457+/-0.000 χ^2/NDF:123824278408227

Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

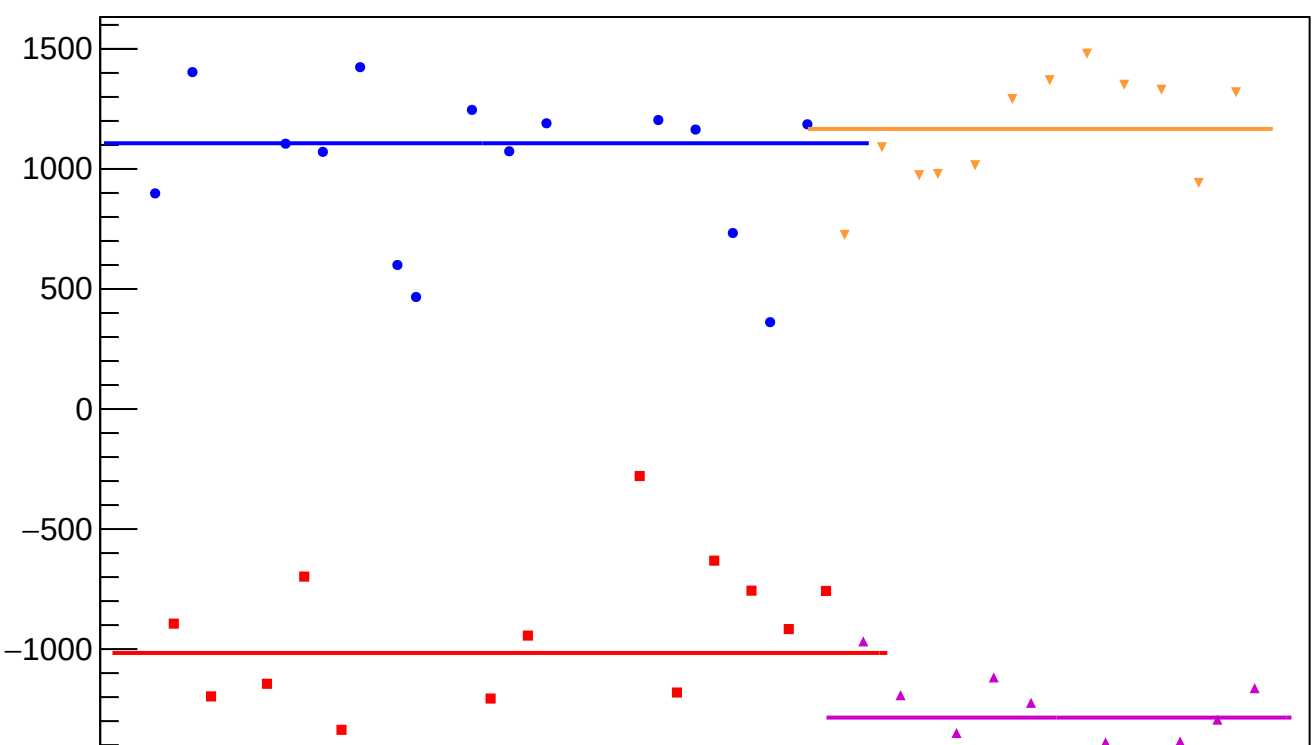
All: -351.512+/-0.000 χ^2/NDF: 25998642244

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

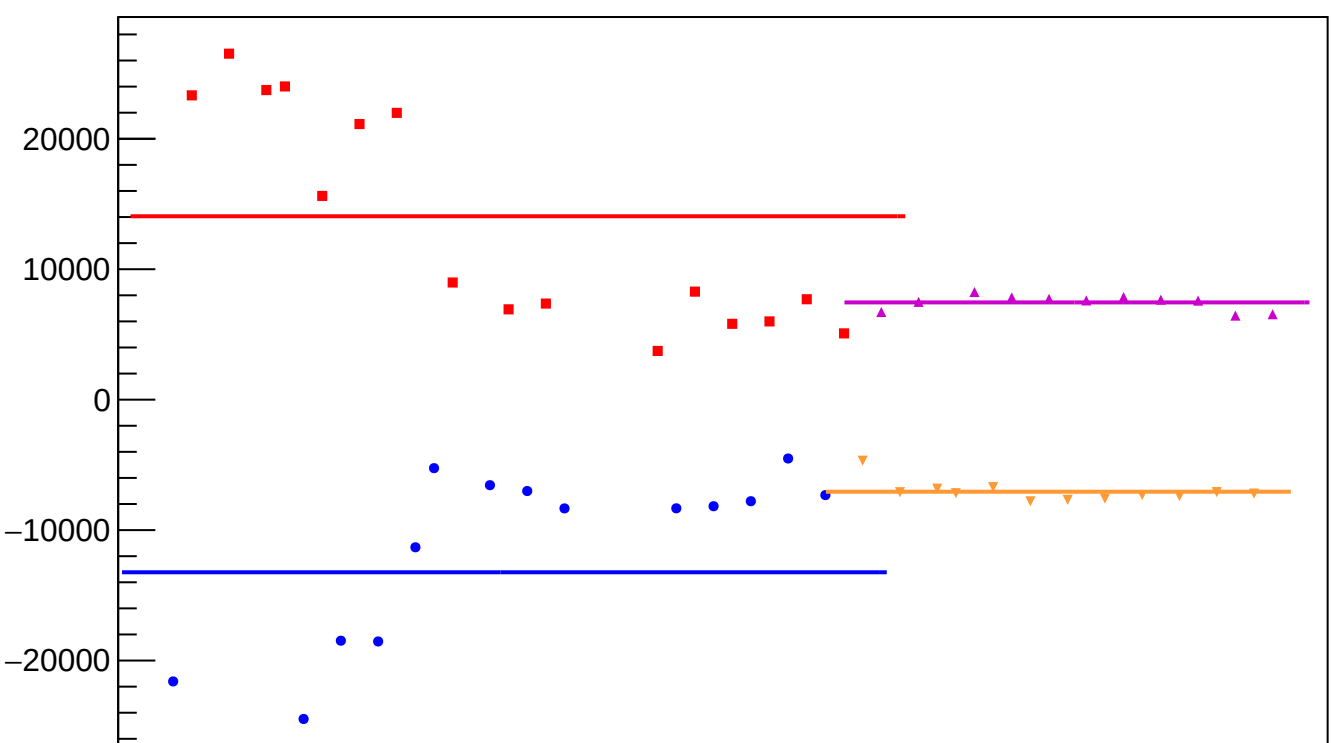
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

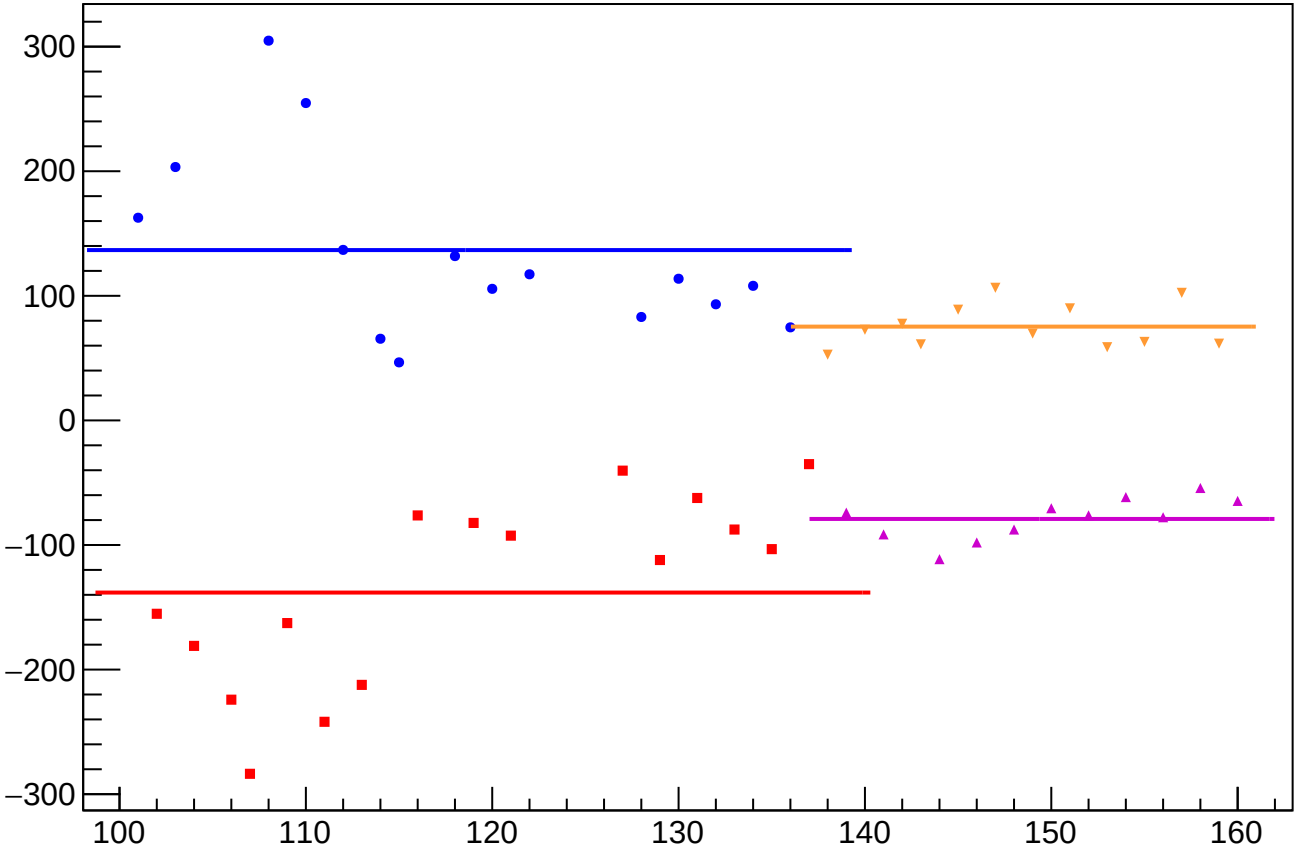
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

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

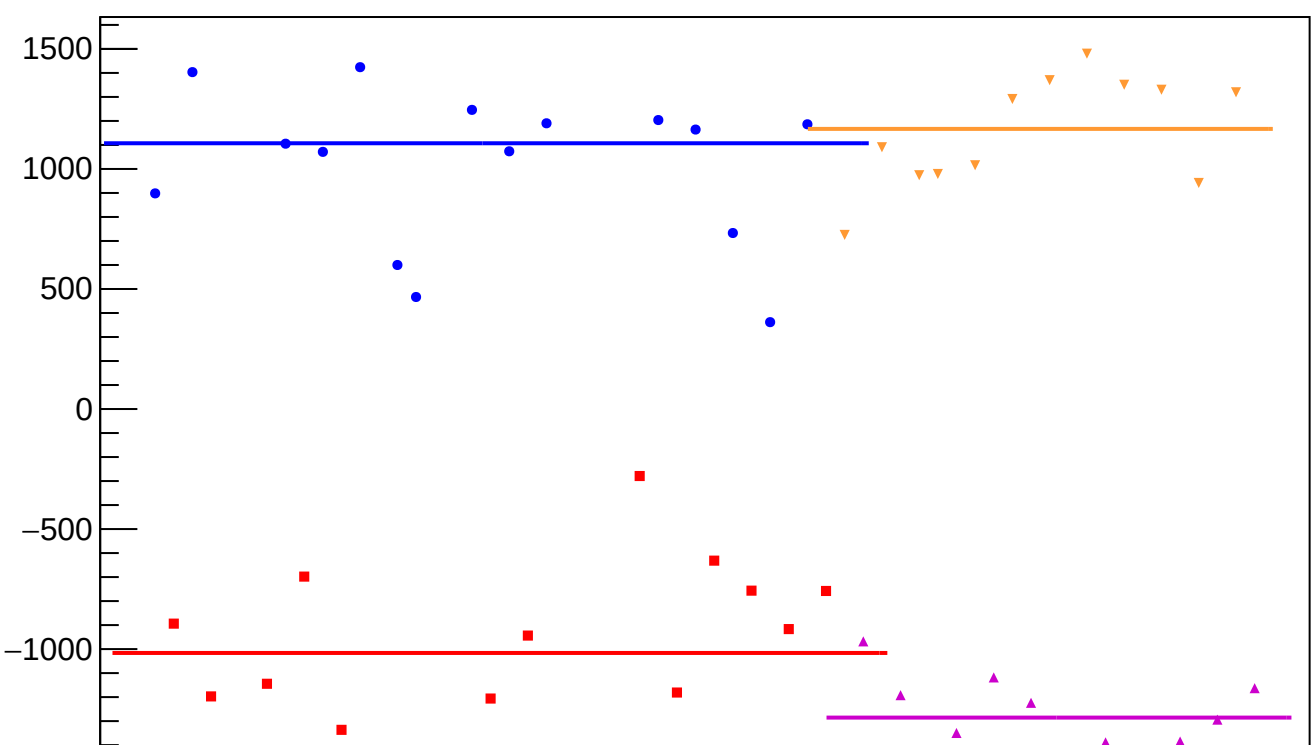
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

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

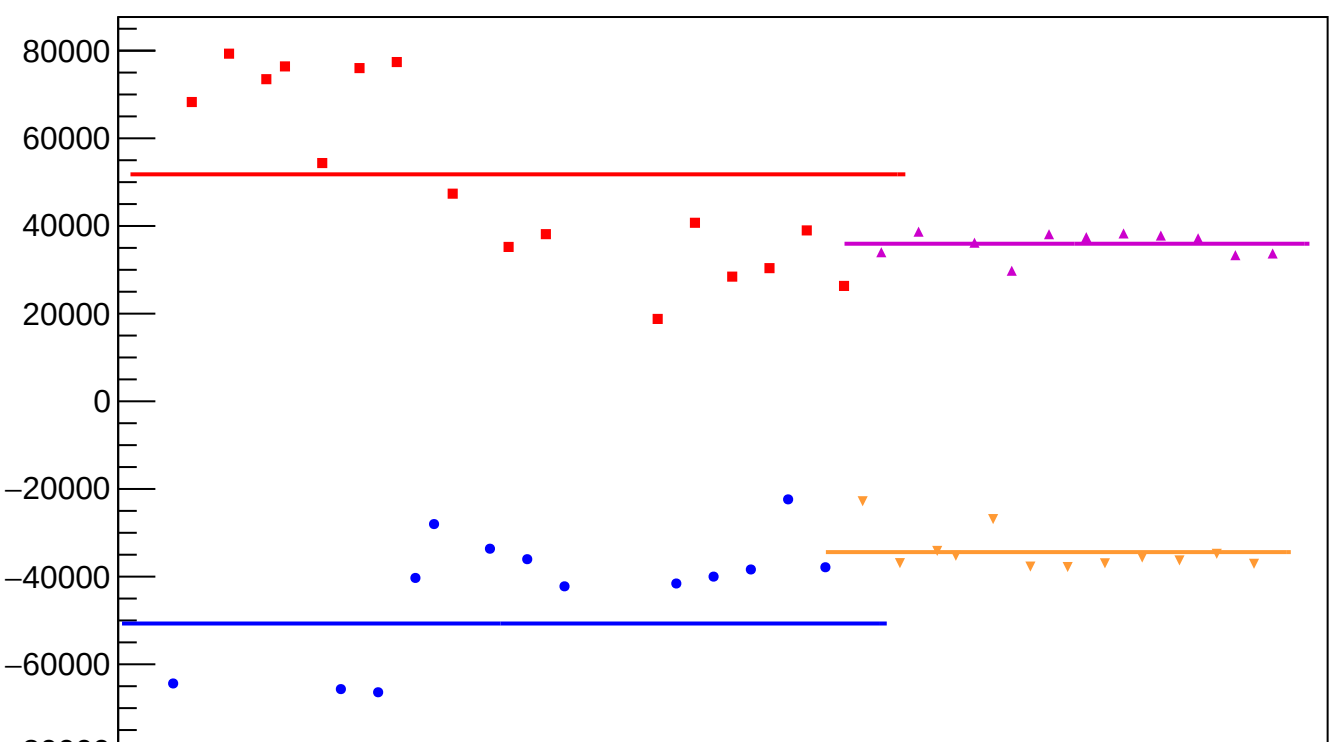
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

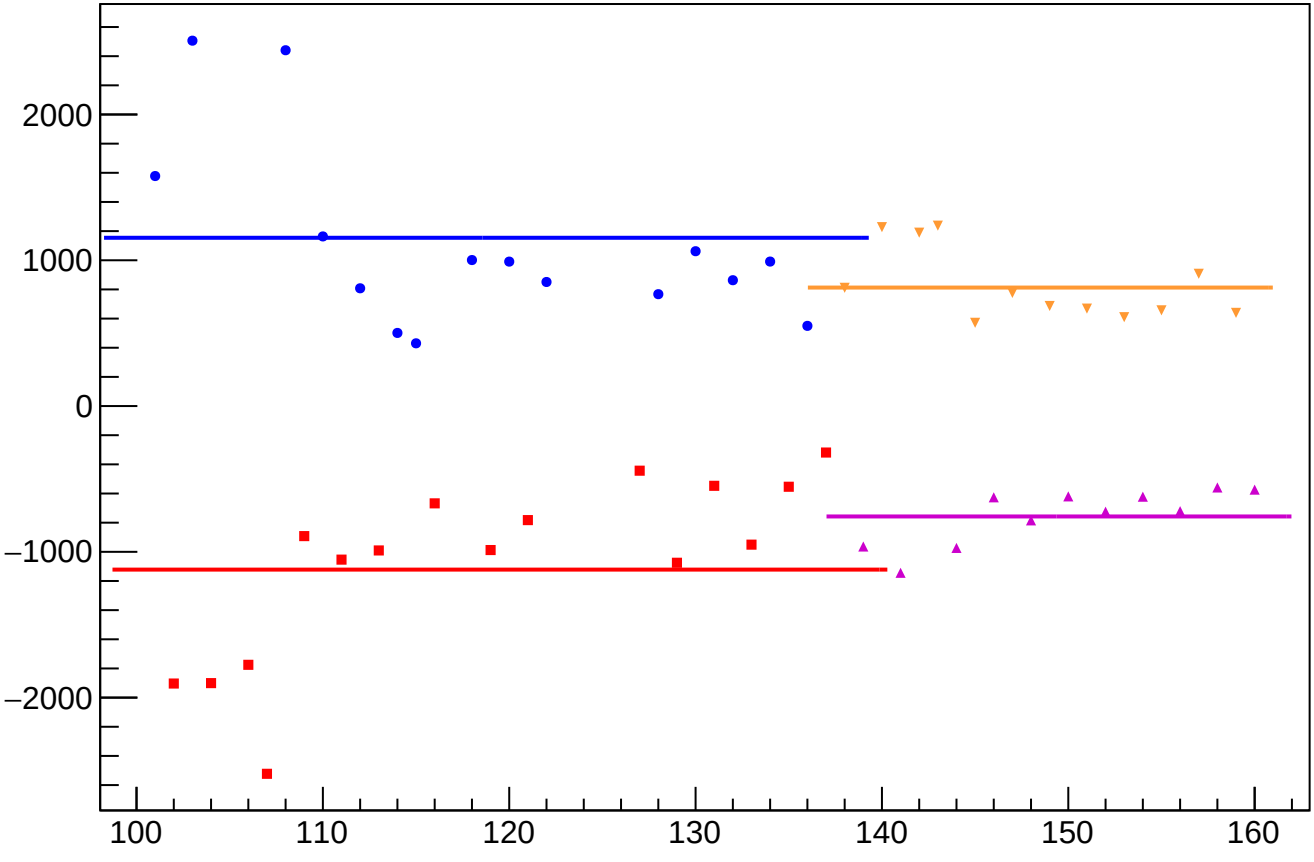
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

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

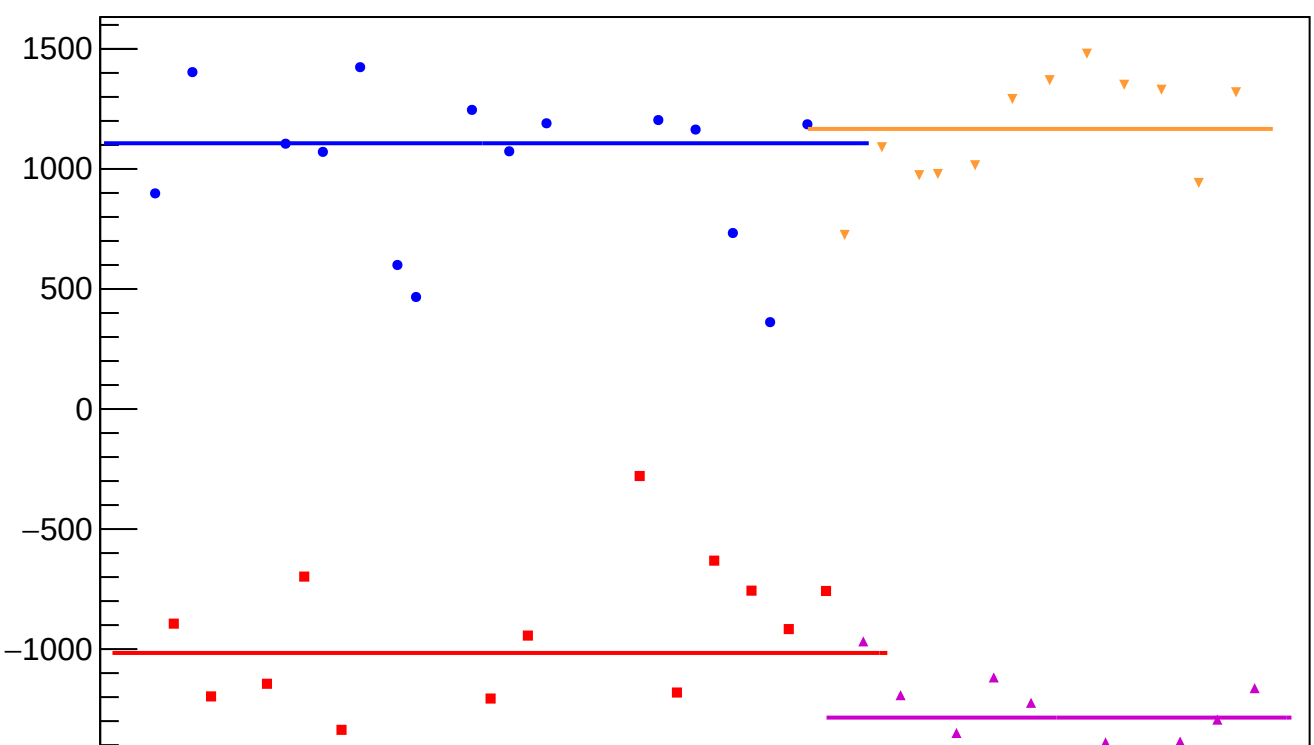
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

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

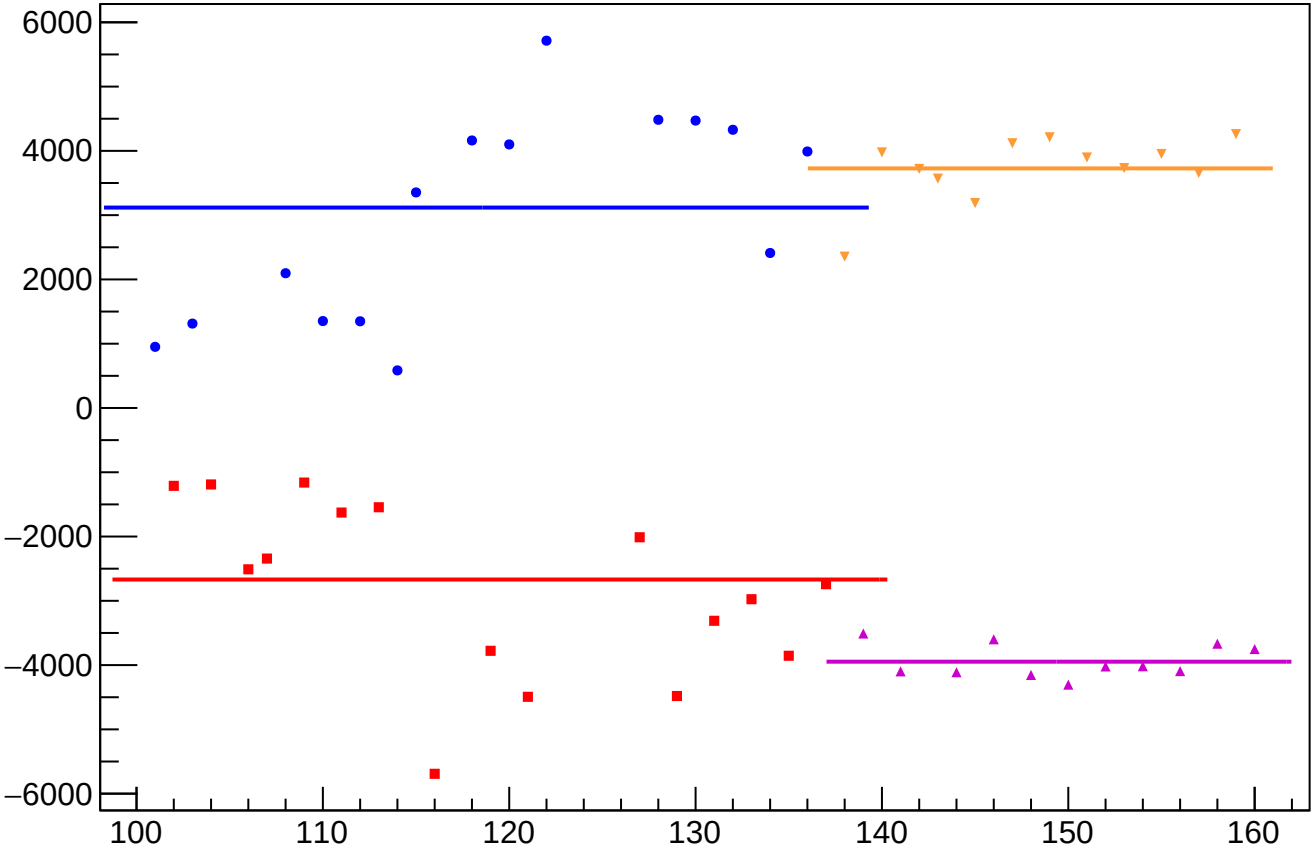
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

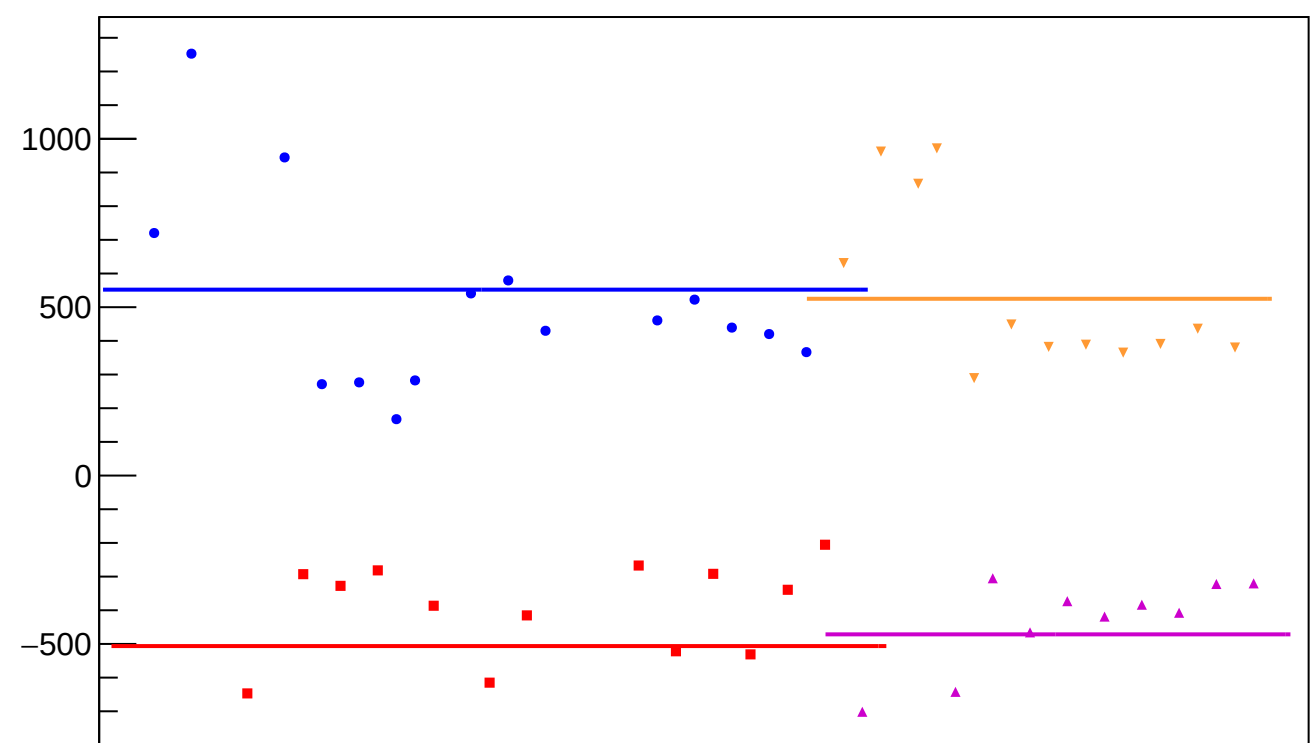
All: -25.499+/-0.000 χ^2/NDF: 443493791328

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

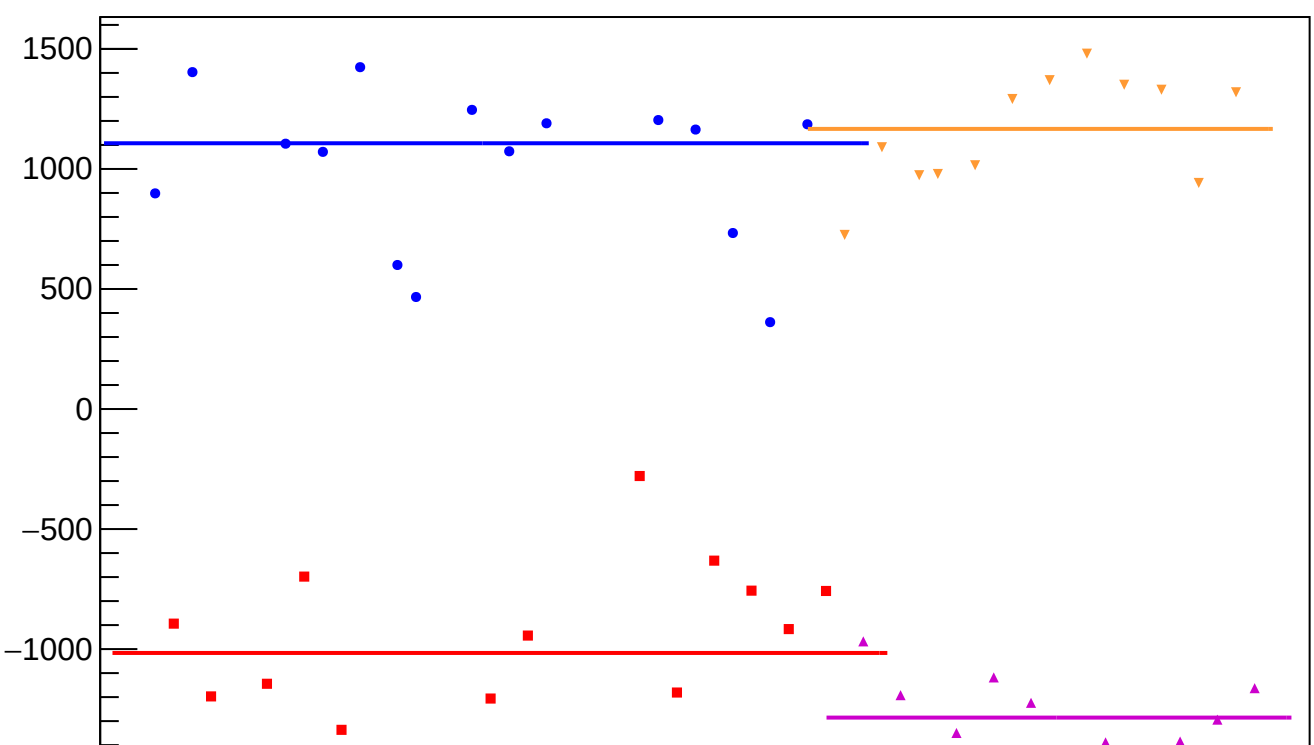
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

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

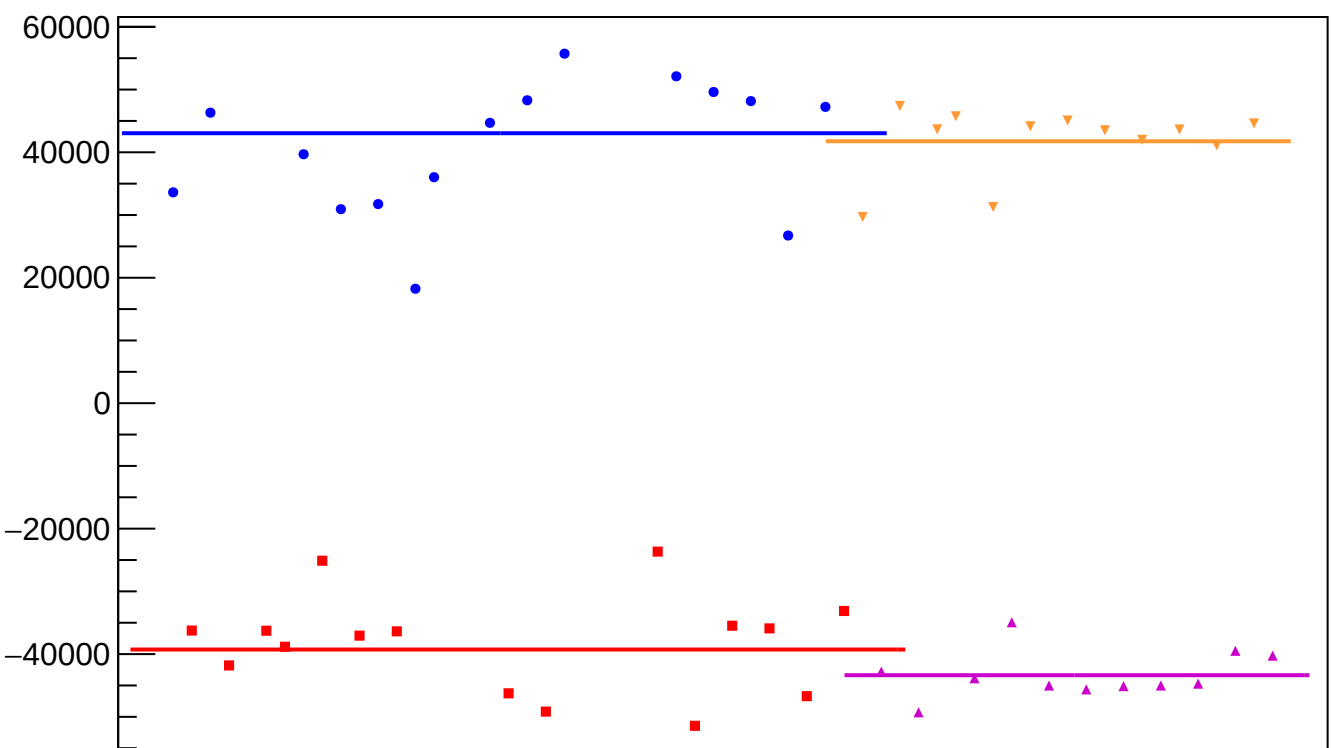
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

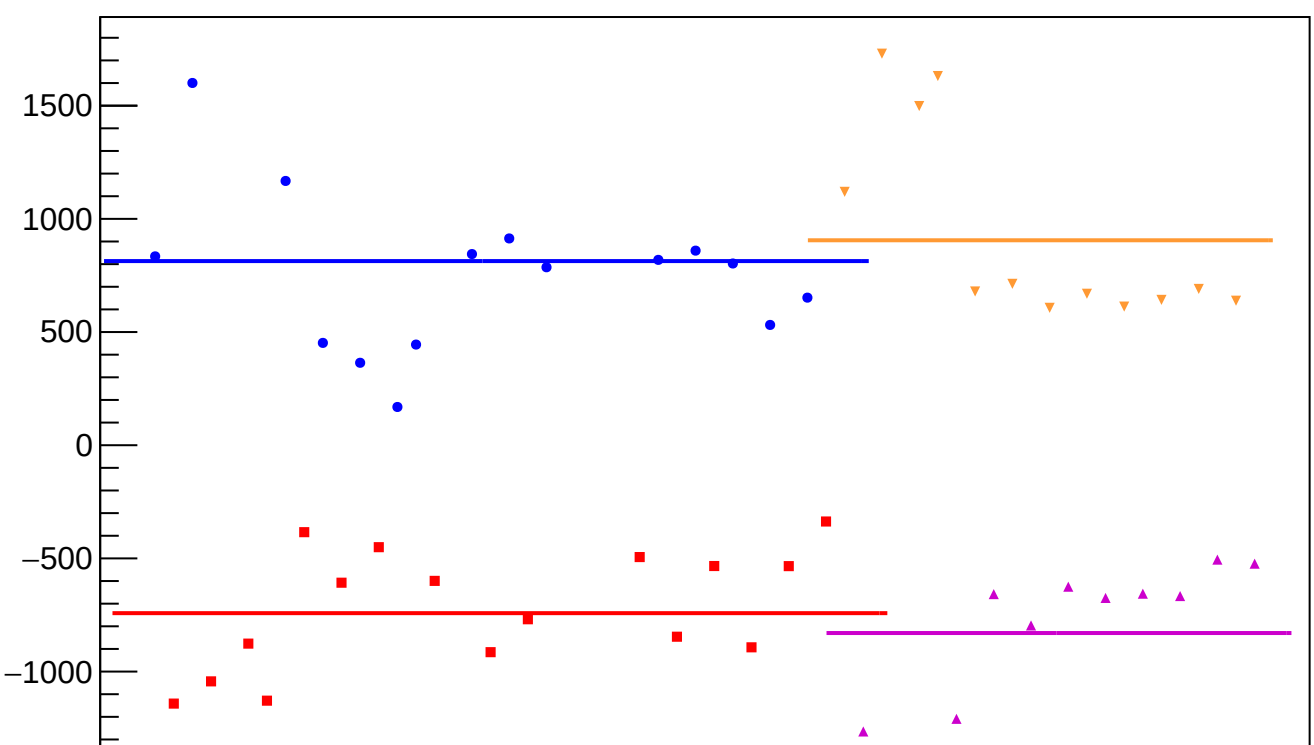
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam4_coil4_mean vs Slug, Sign Corrected



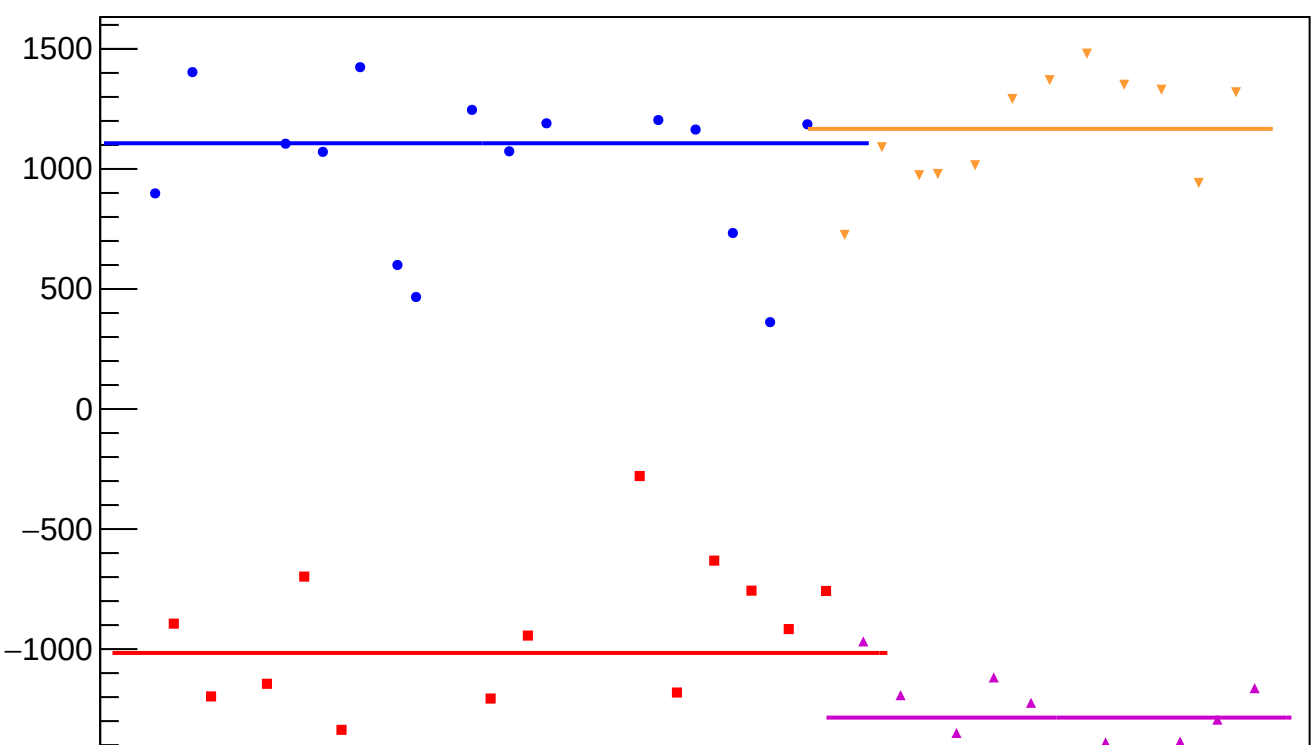
Left: -1034.394+/-0.000 χ^2/NDF: 33680407028688
Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14
Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556
Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11
In: -7715.351+/-0.000 χ^2/NDF:290679667494142
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

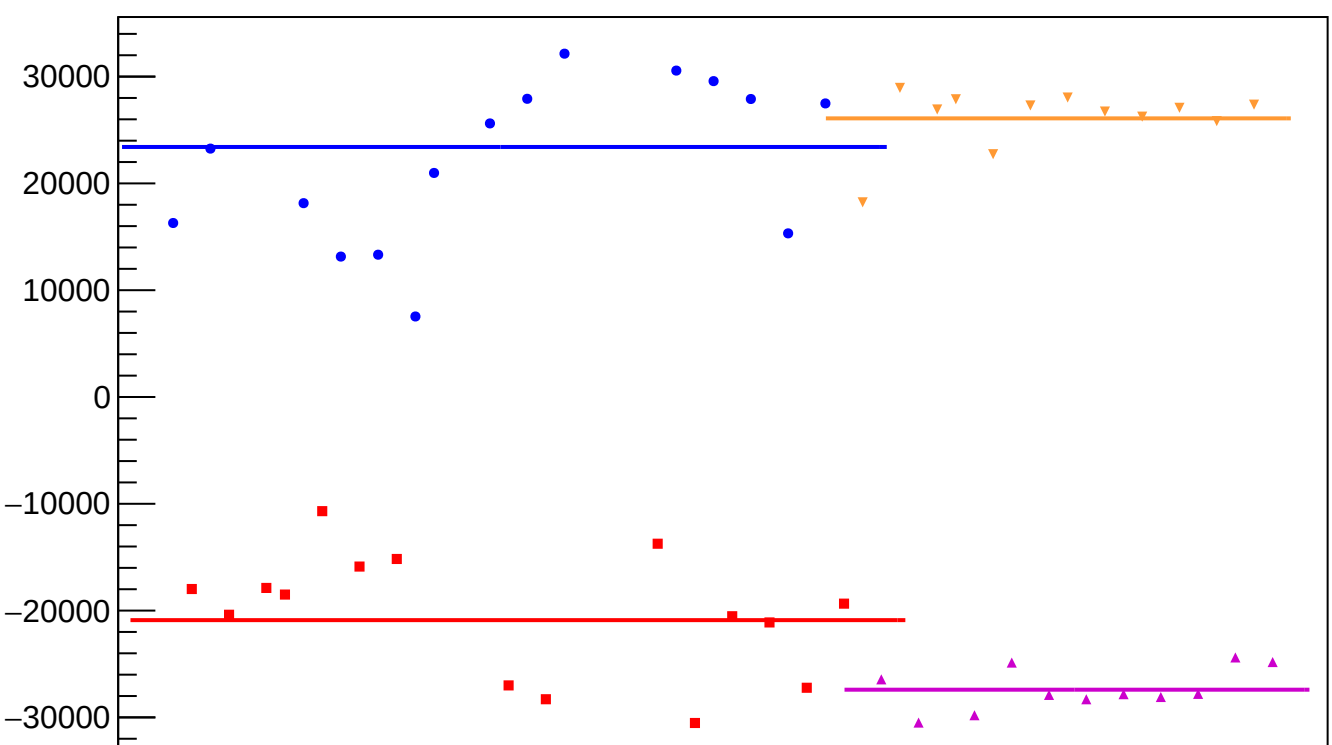
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

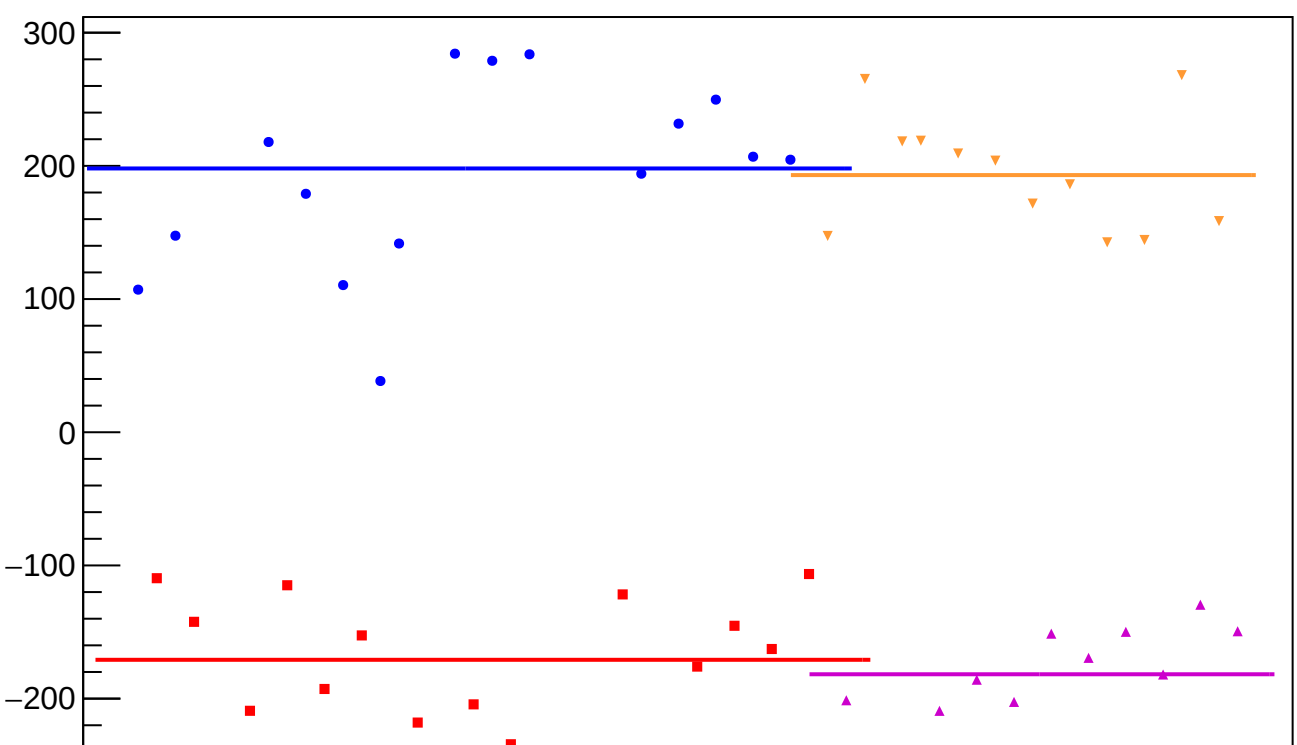
All: -25.499+/-0.000 χ^2/NDF: 443493791328

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

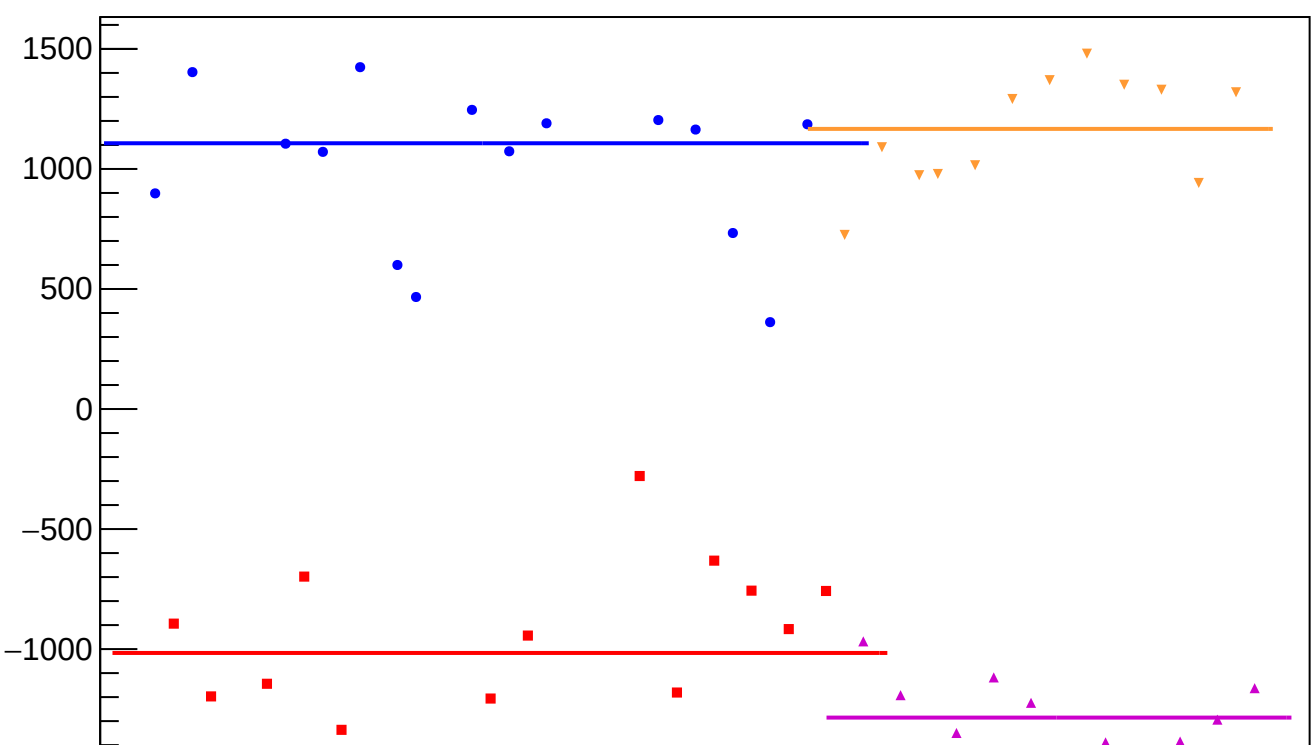
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

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

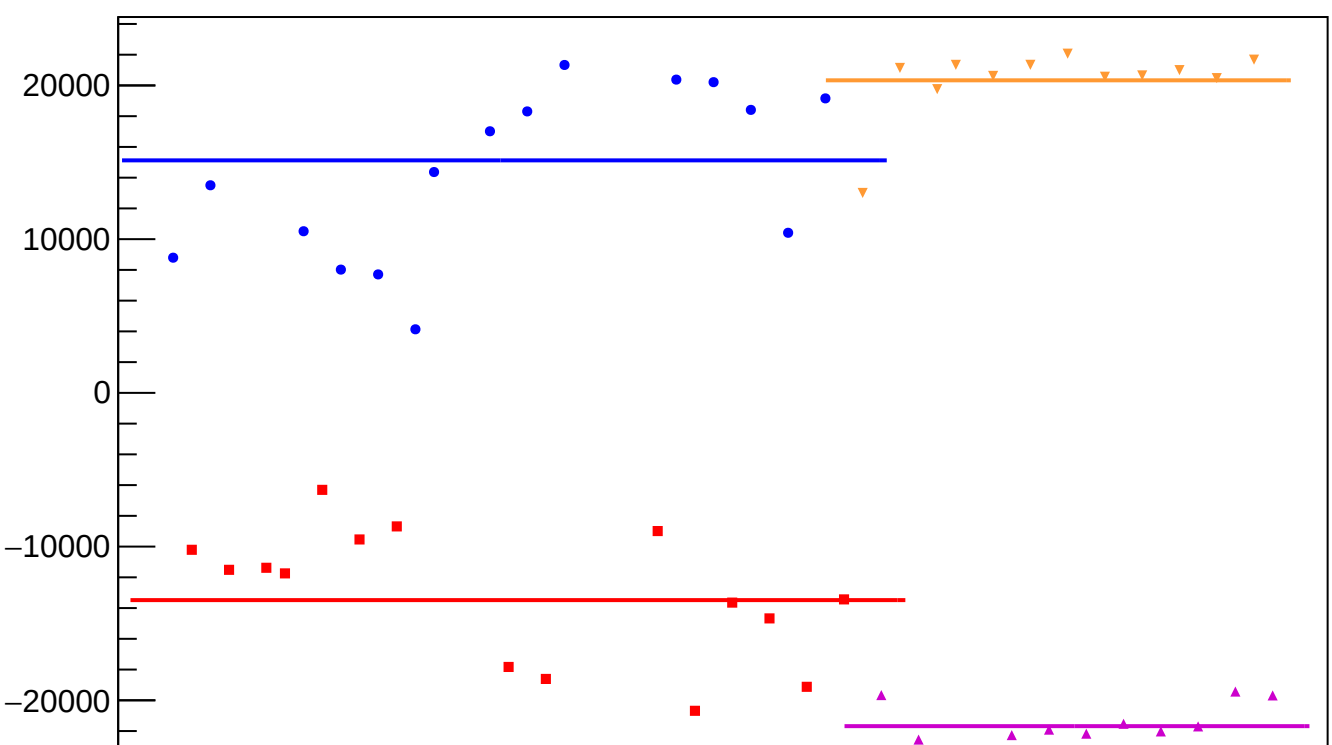
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

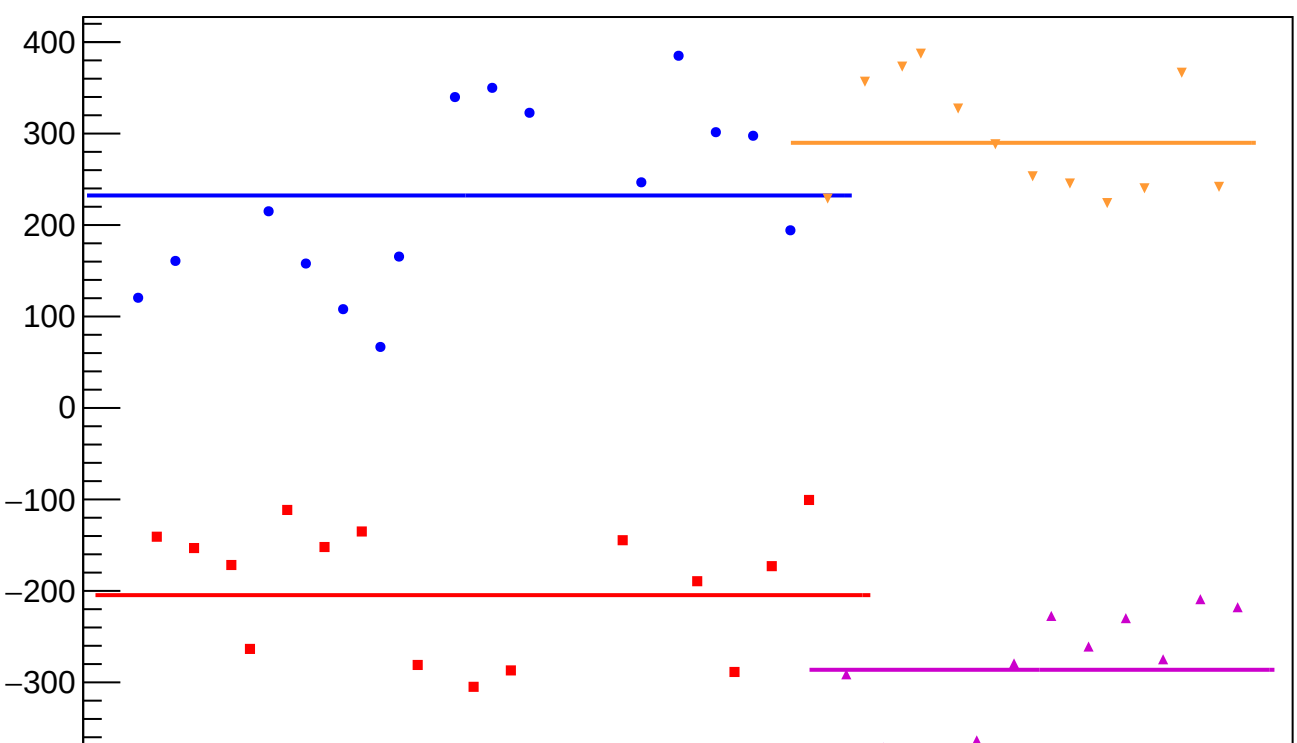
Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

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

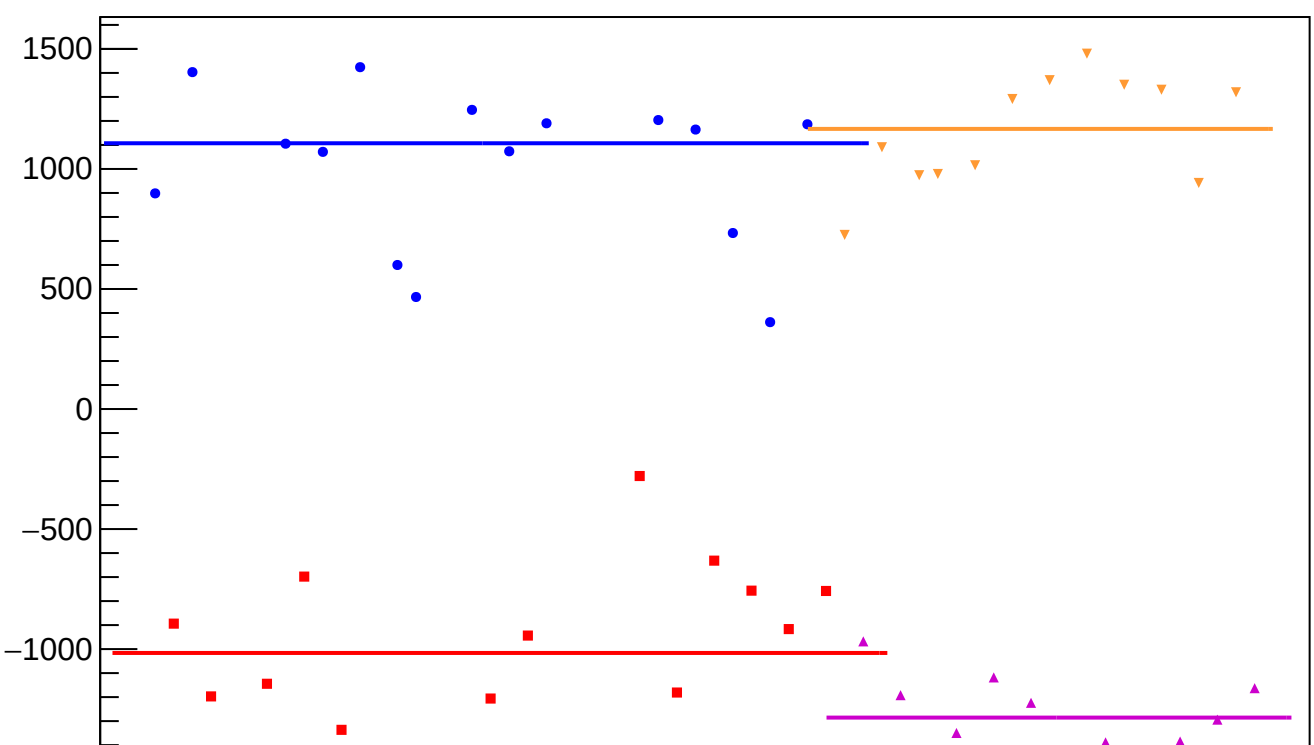
Right Out: -204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

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

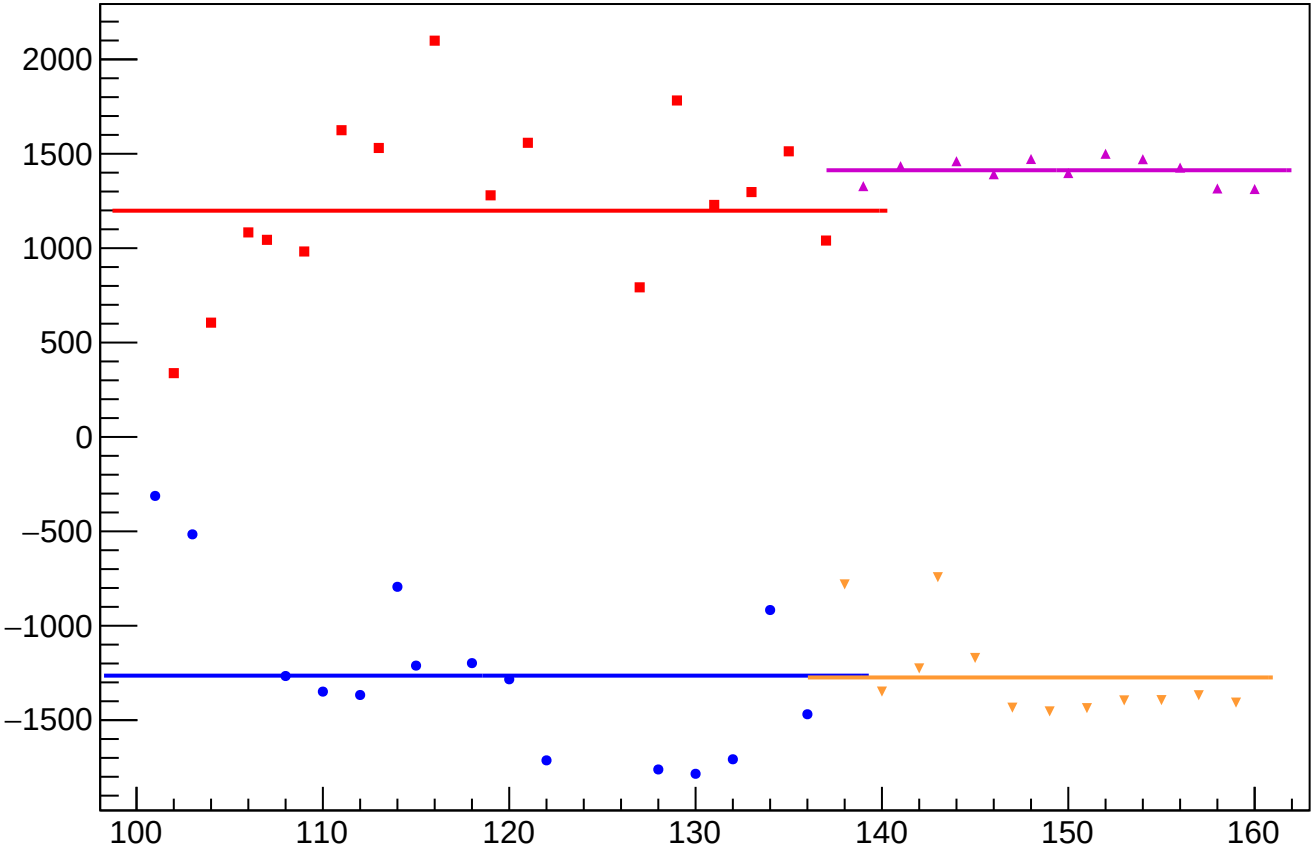
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

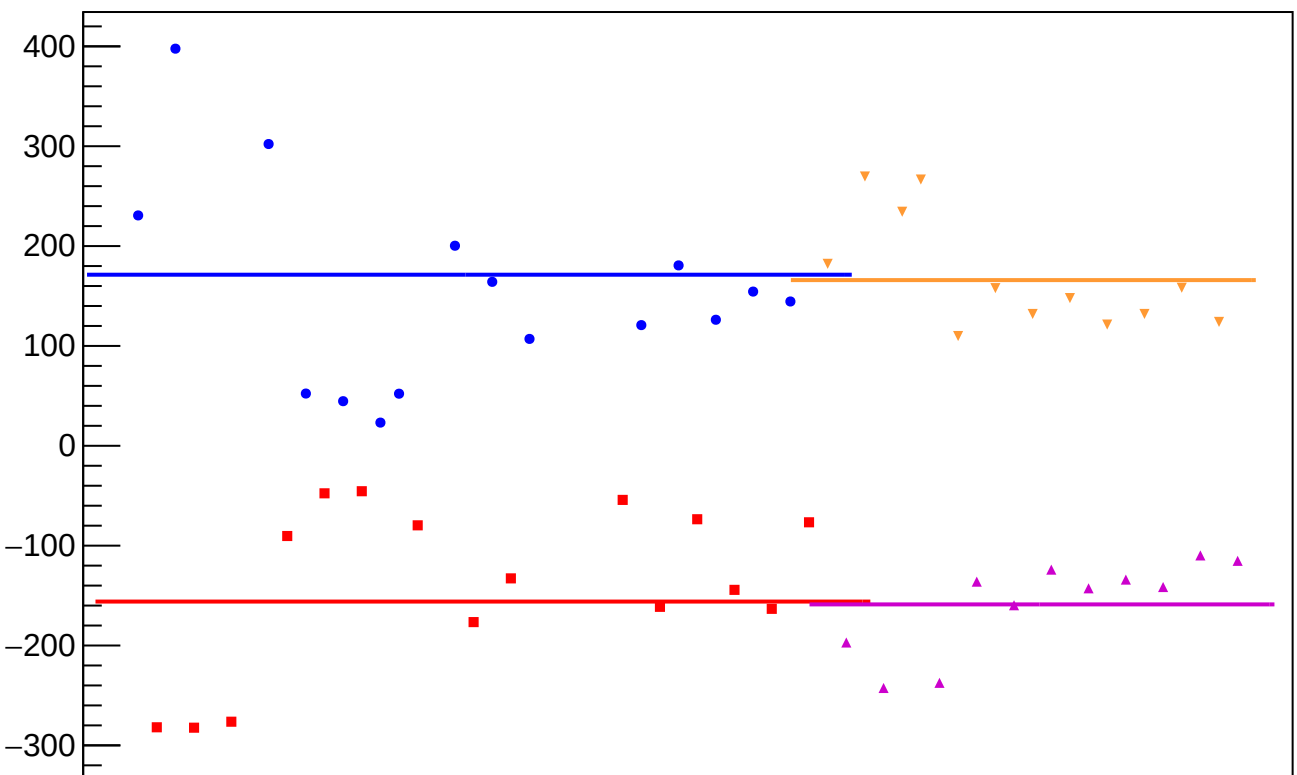
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam7_coil4_mean vs Slug, Sign Corrected



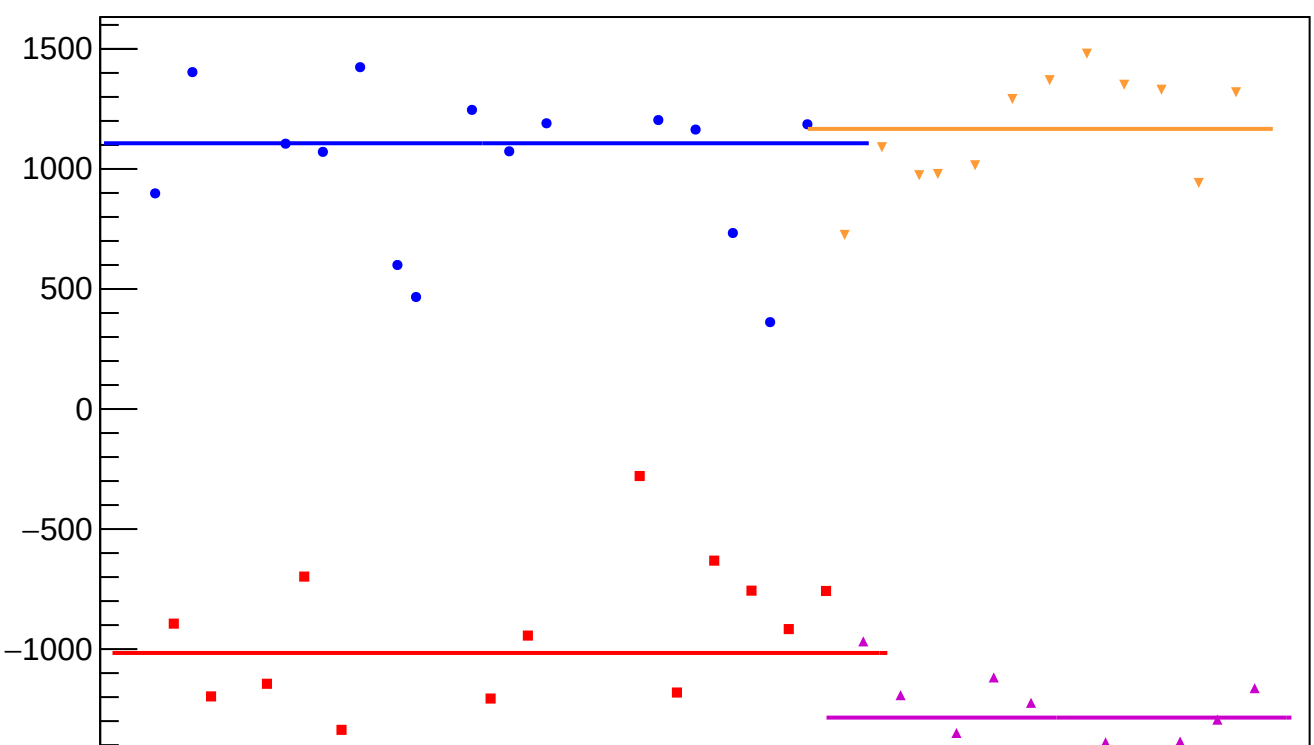
Left: 76.739+/-0.000 χ^2/NDF: 3370855271105765
Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
In: 308.244+/-0.000 χ^2/NDF:2876034416148533
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

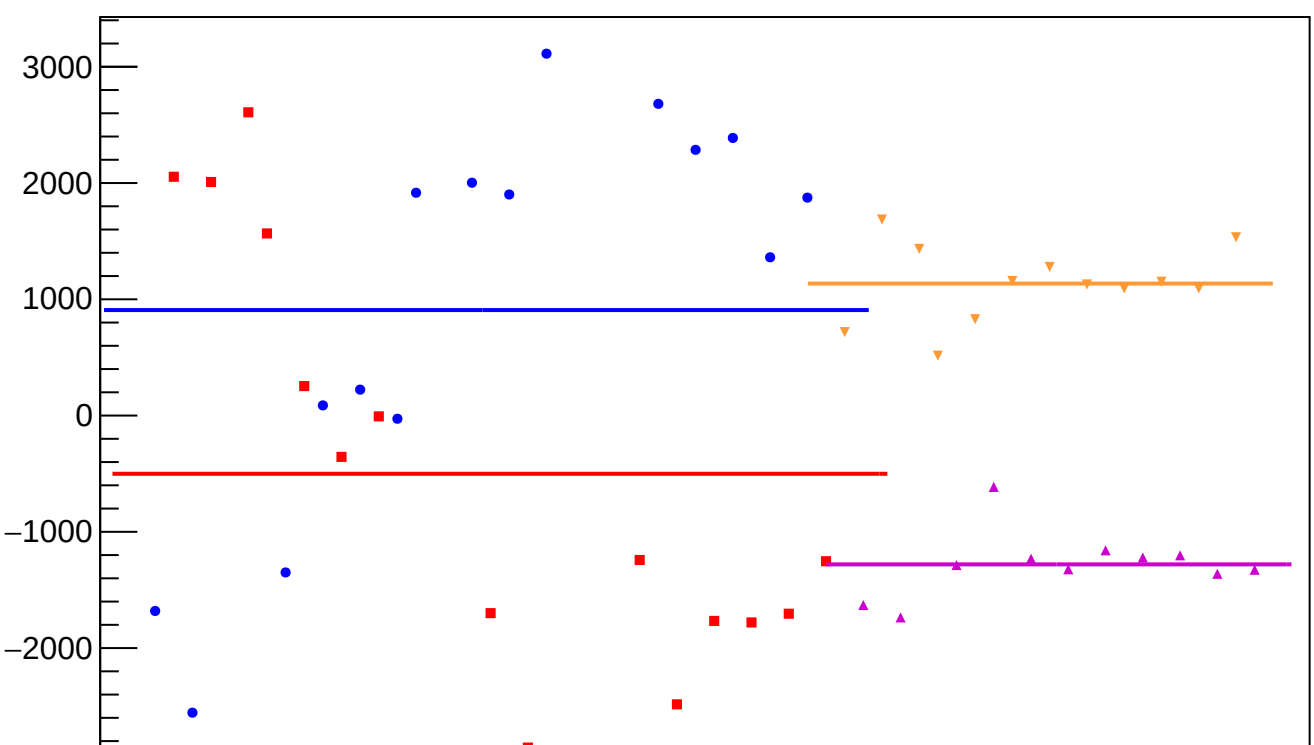
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

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

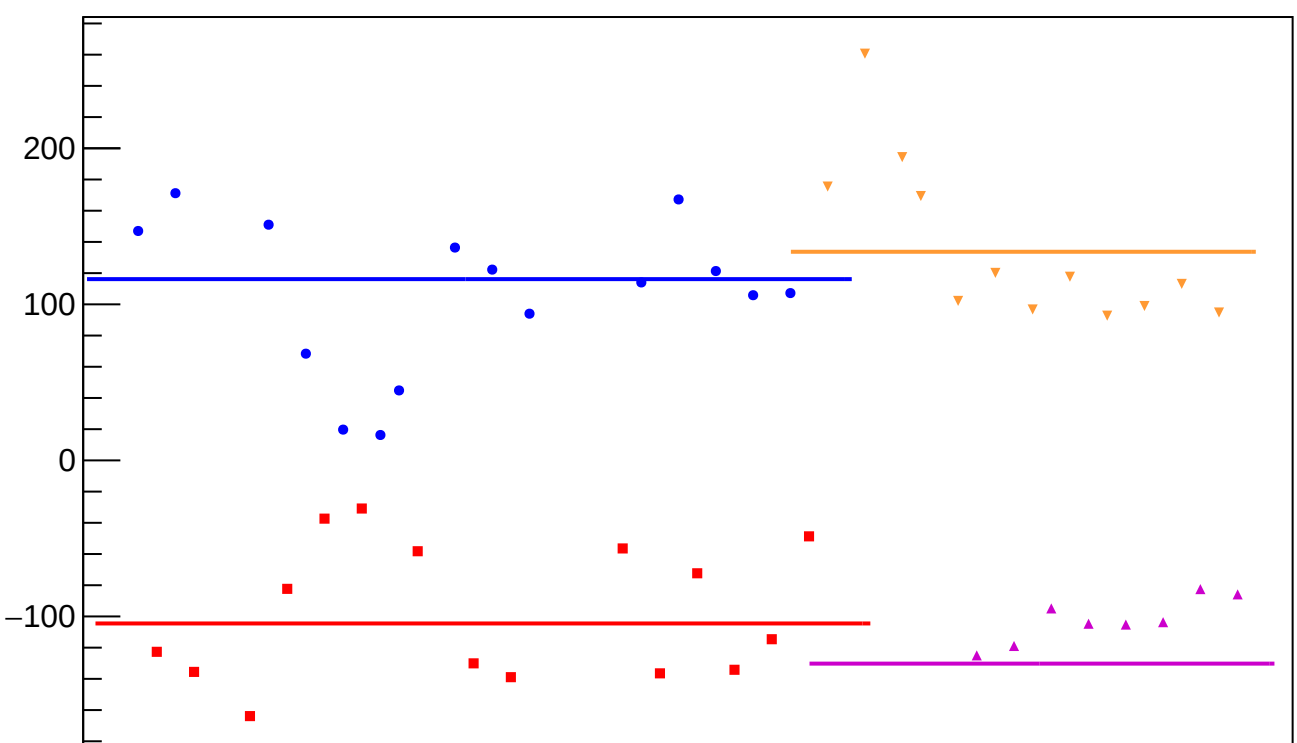
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 445.222+/-0.000 χ^2/NDF:319700162996565 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

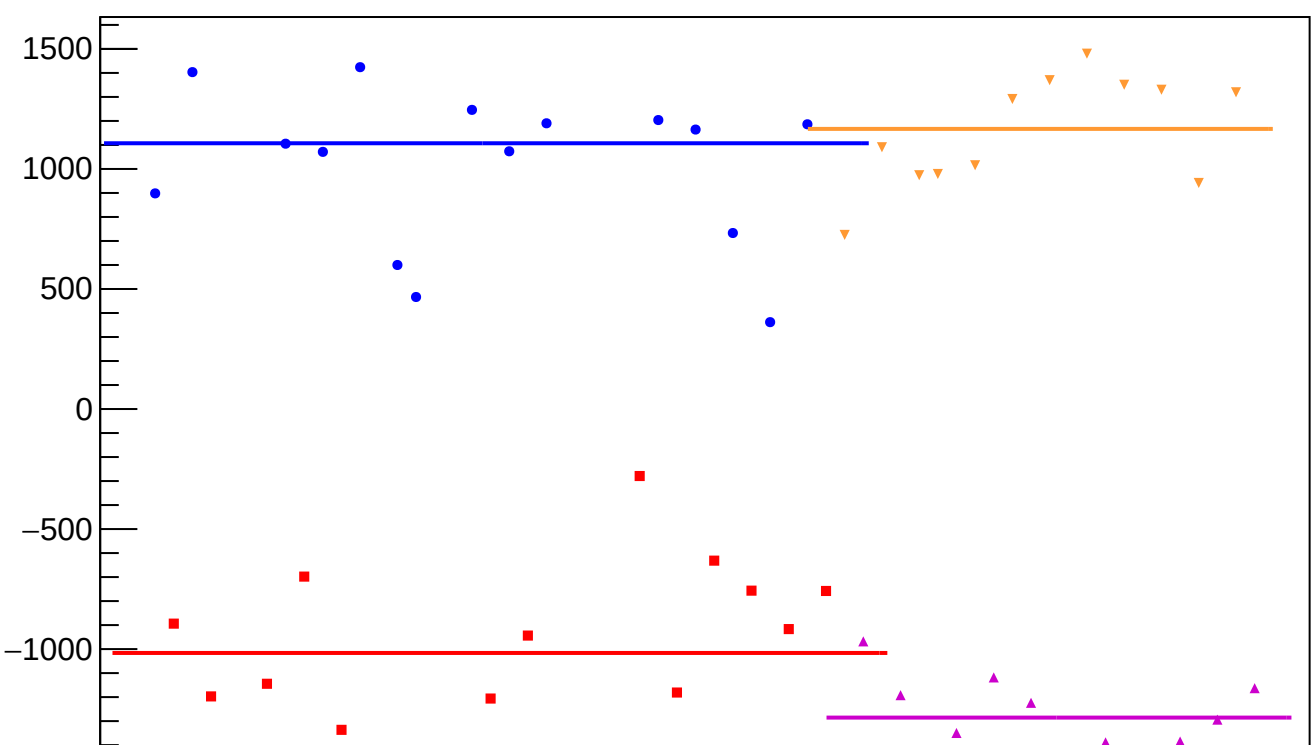
All: 34.911+/-0.000 χ^2/NDF: 7729666433906

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

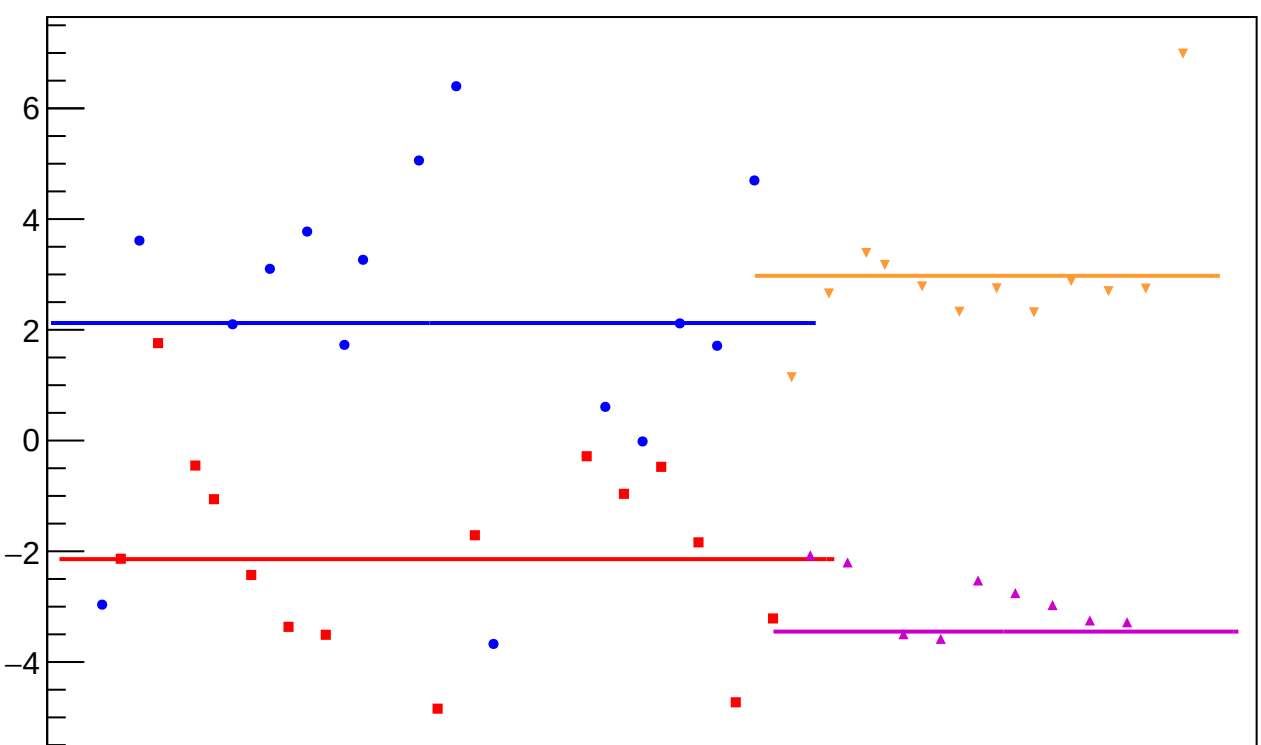
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

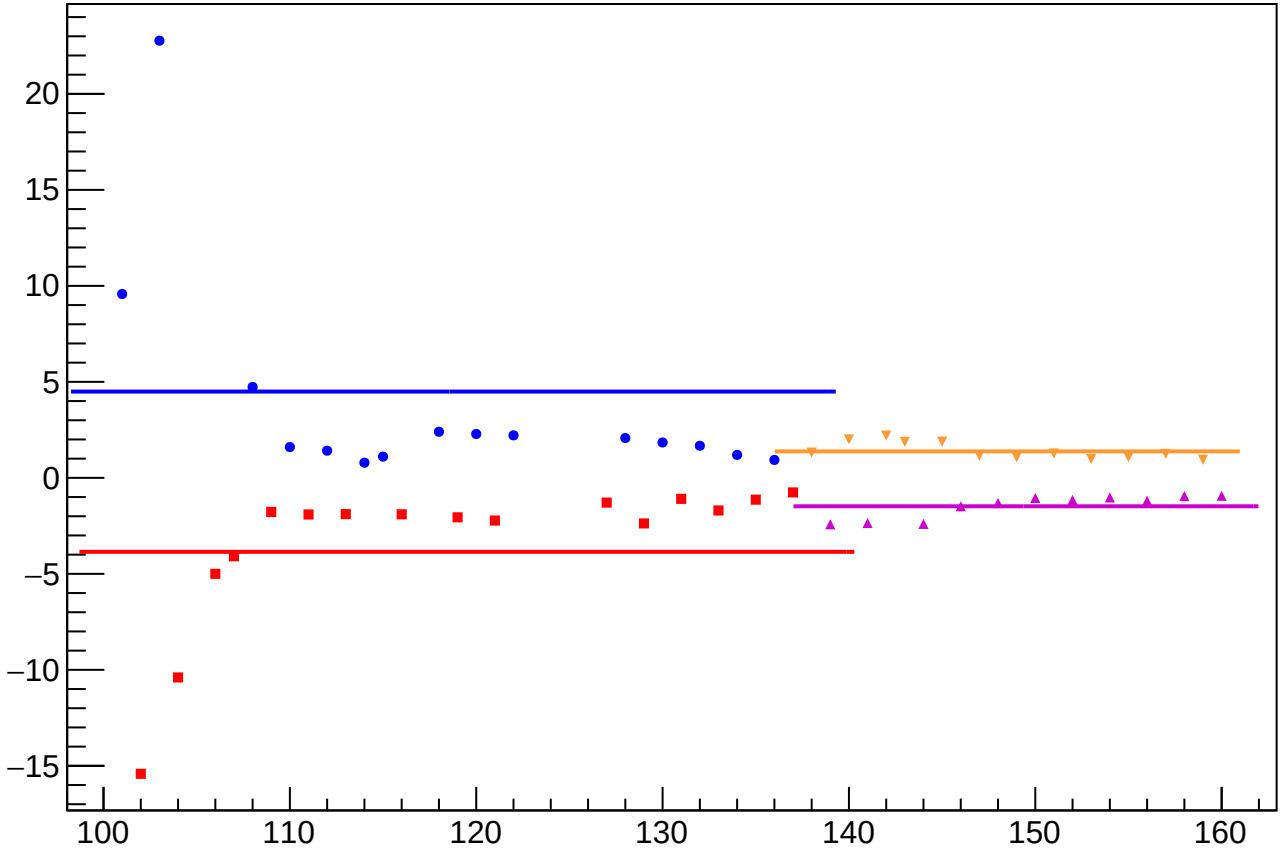
All: -25.499+/-0.000 χ^2/NDF: 443493791328

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

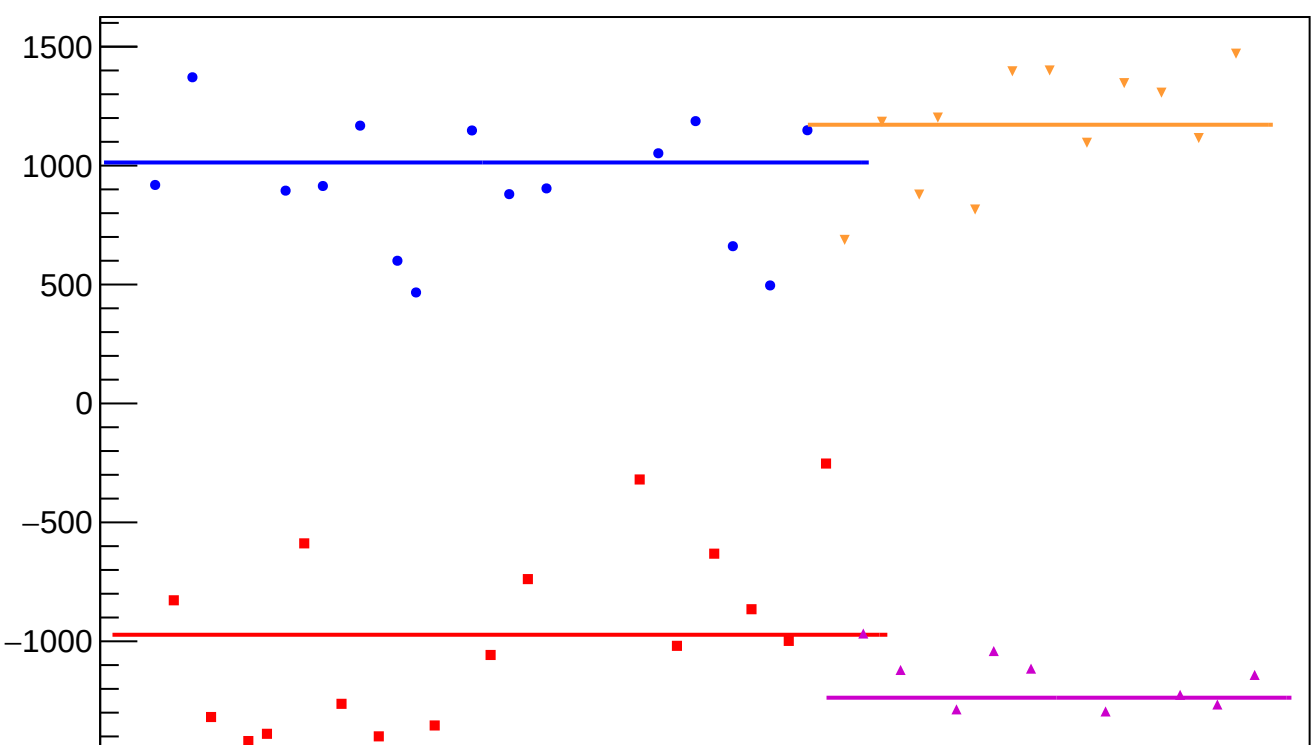
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

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

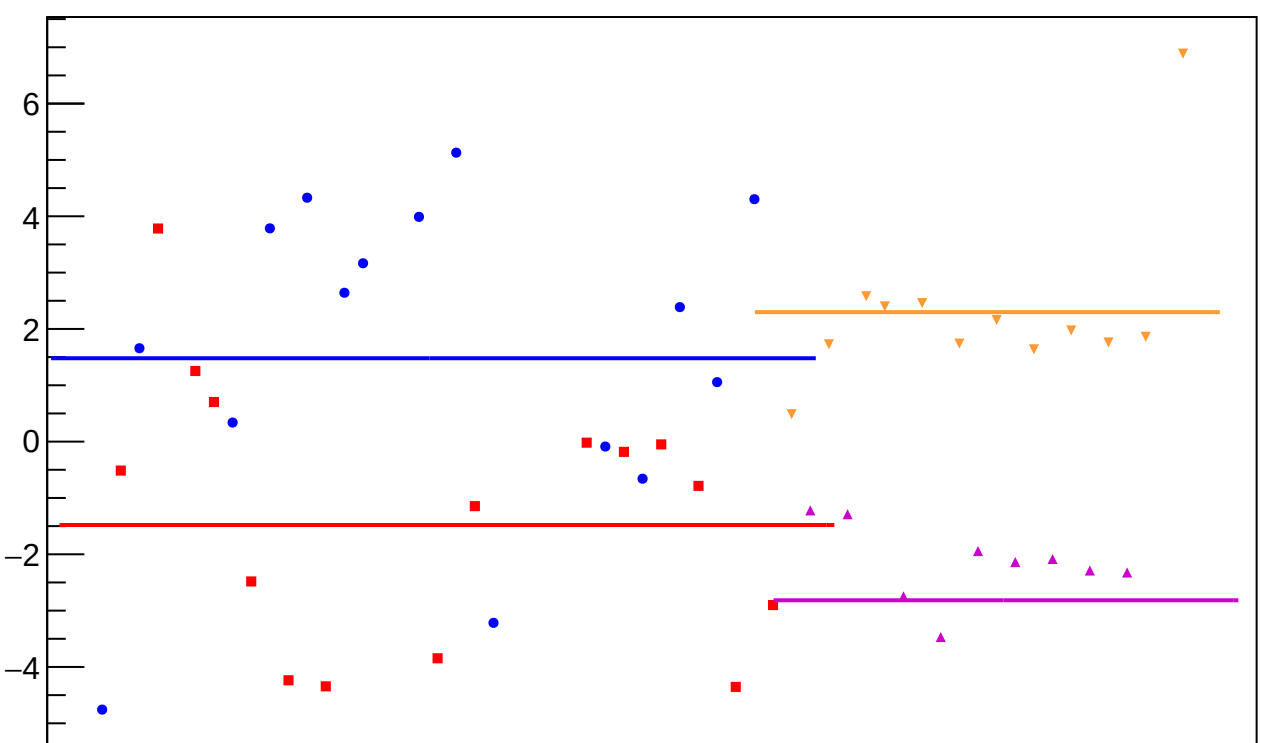
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

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

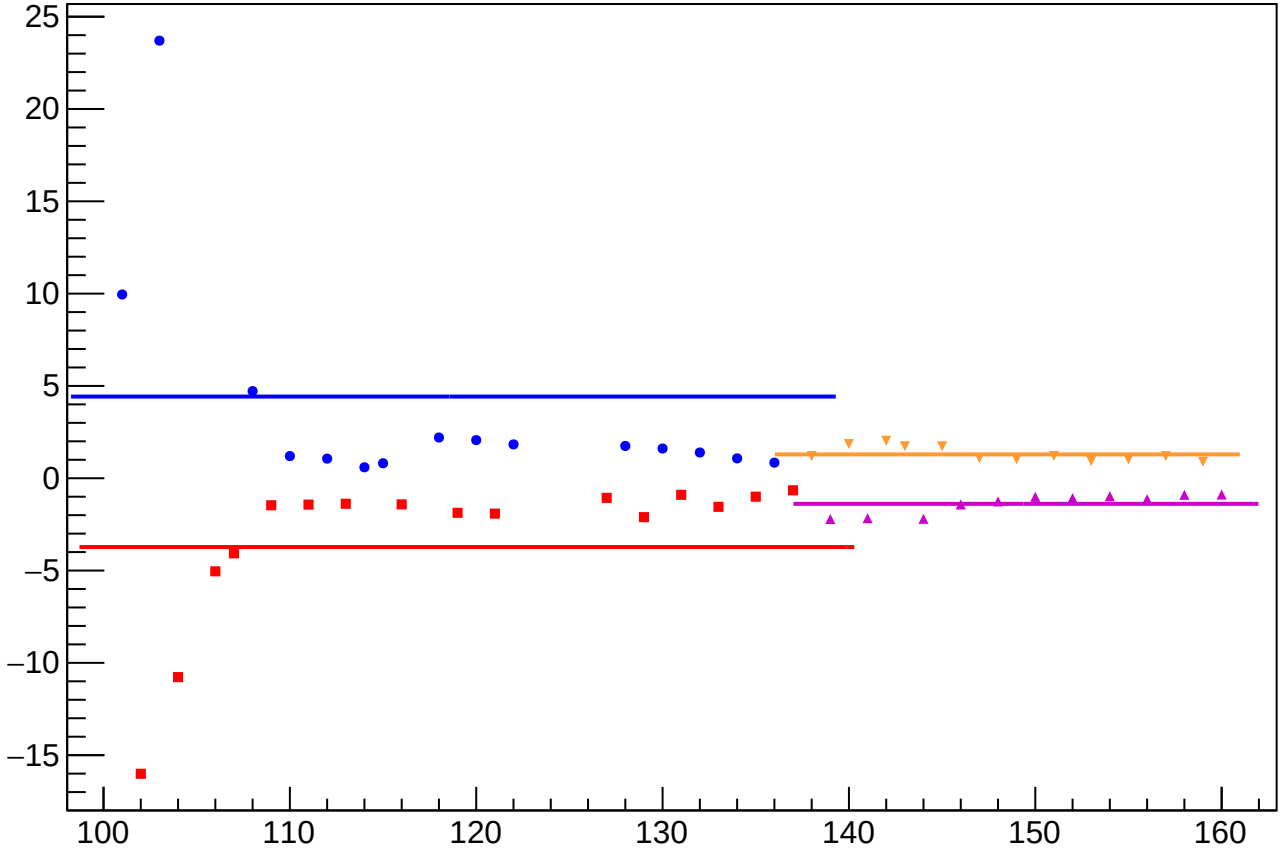
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

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

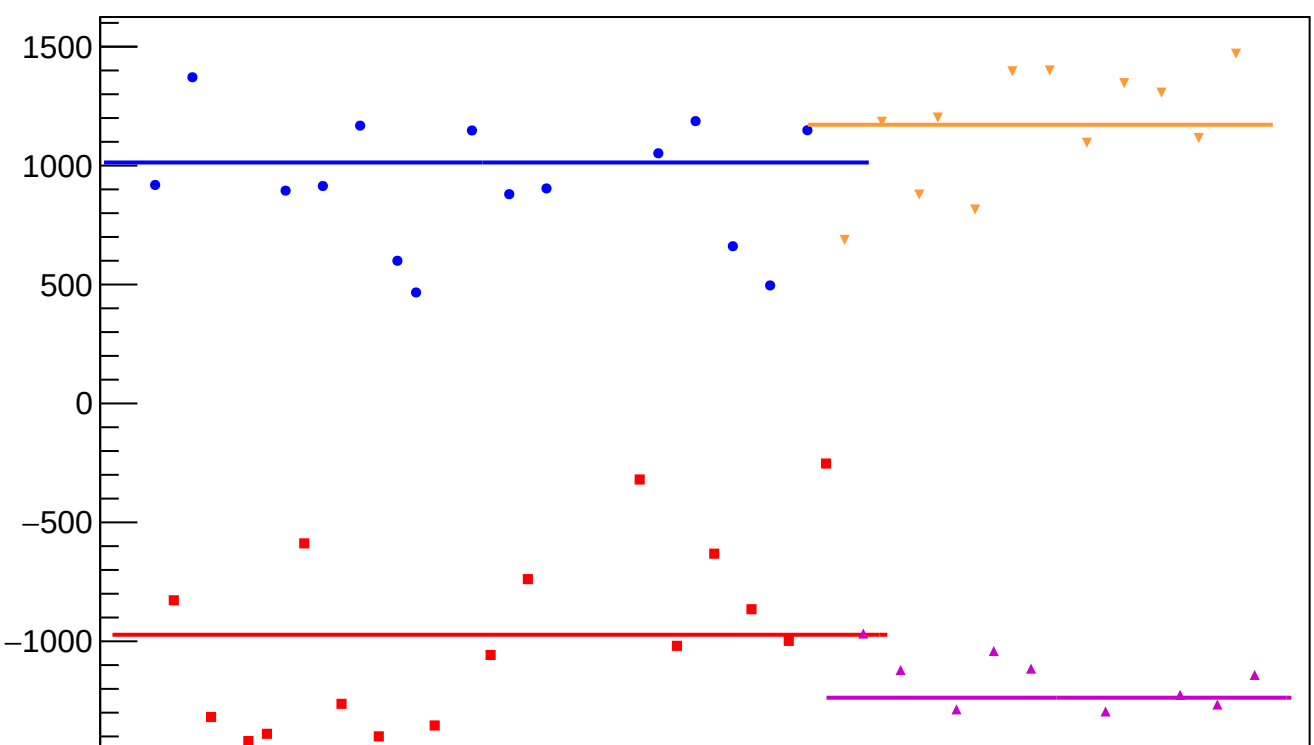
Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

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

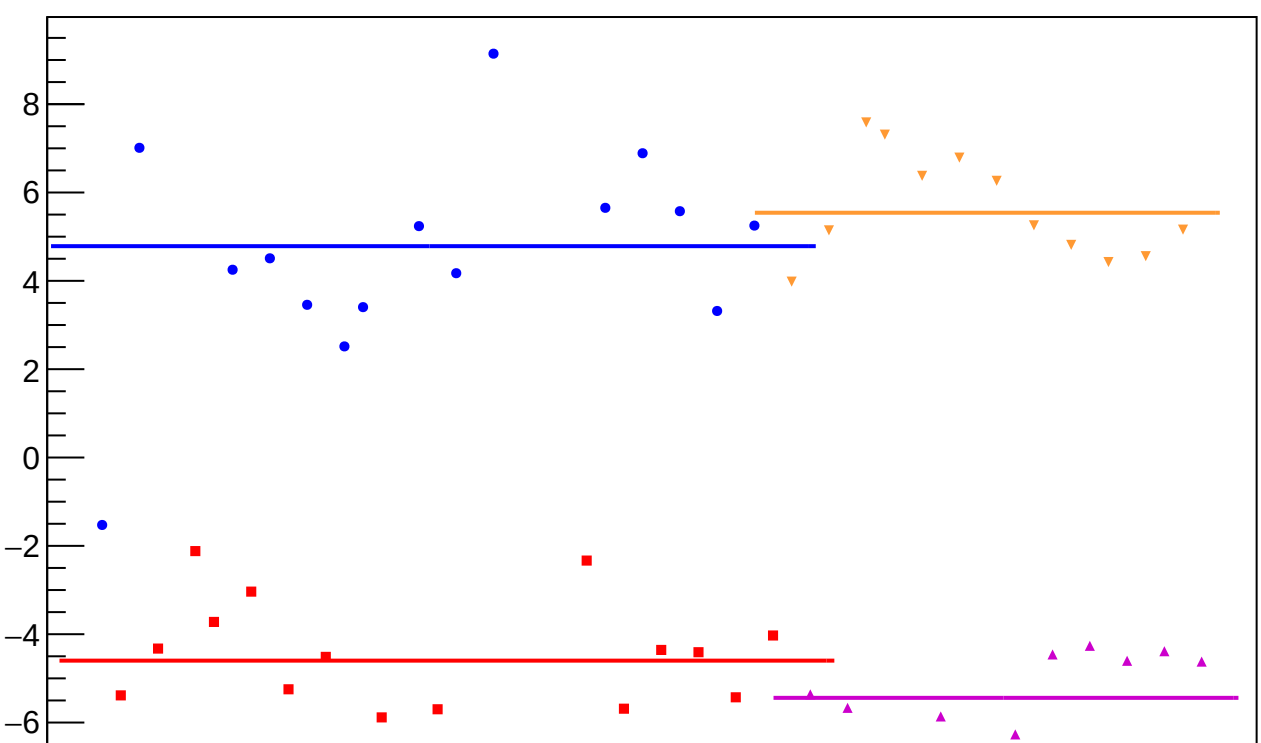
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

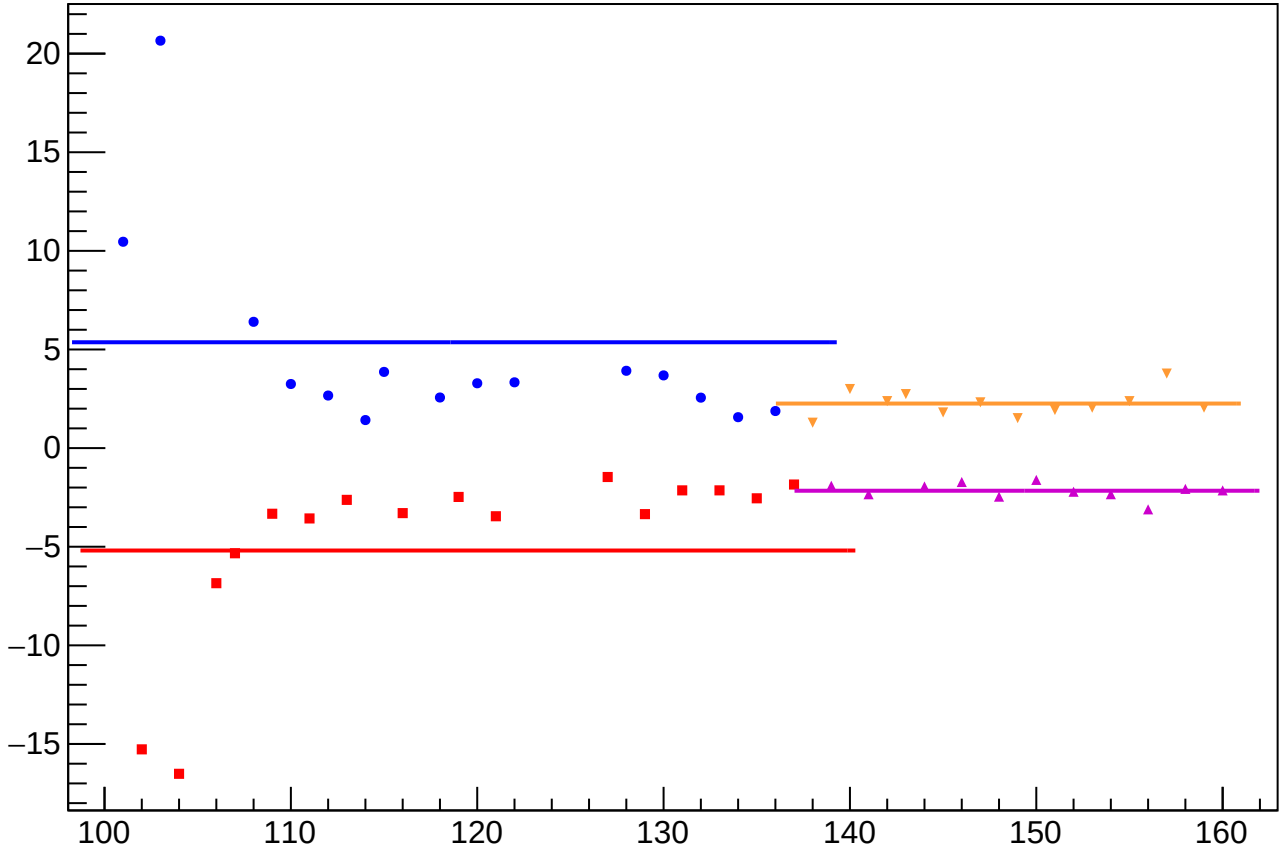
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

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

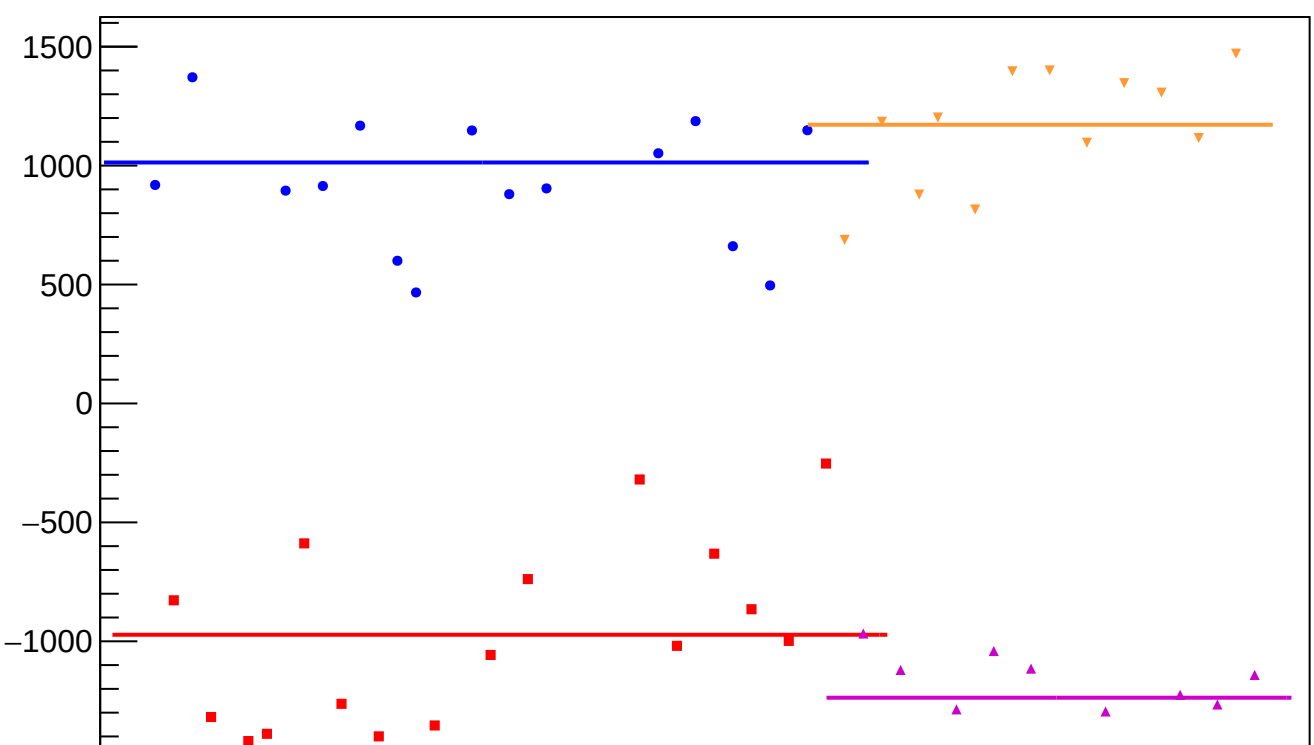
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

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

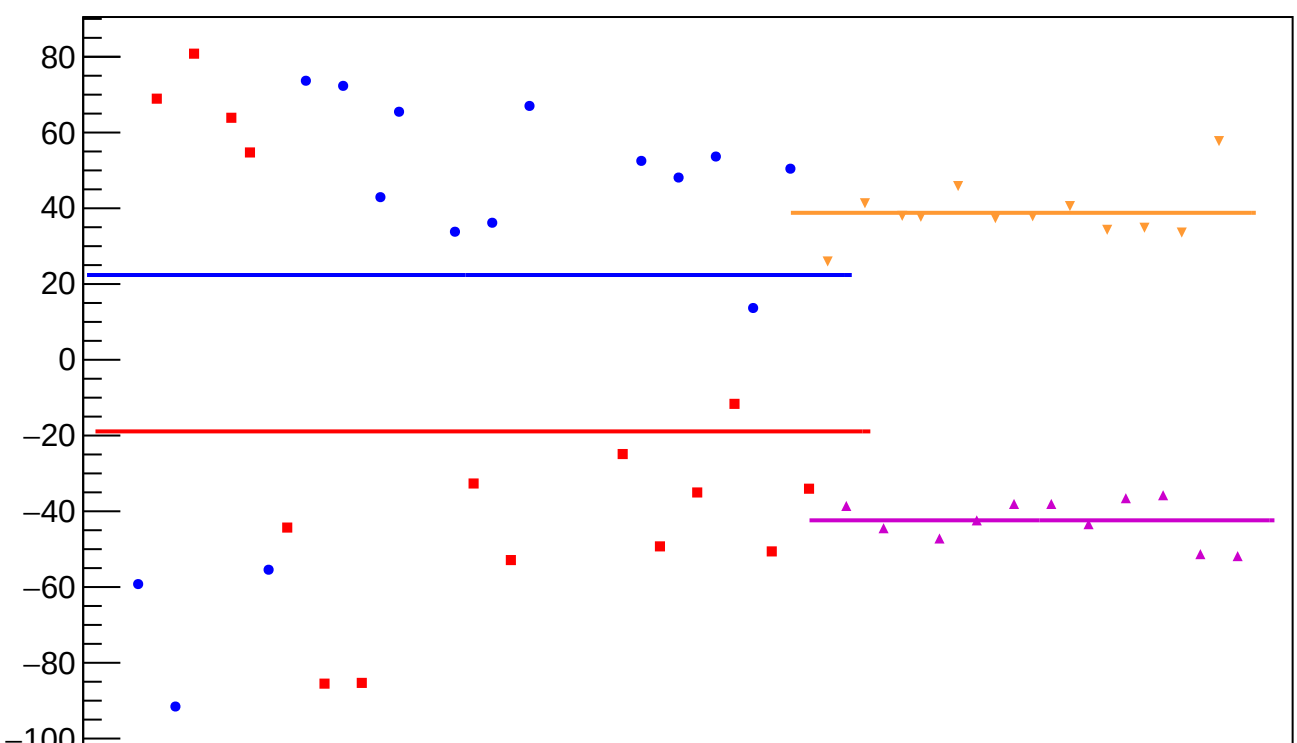
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

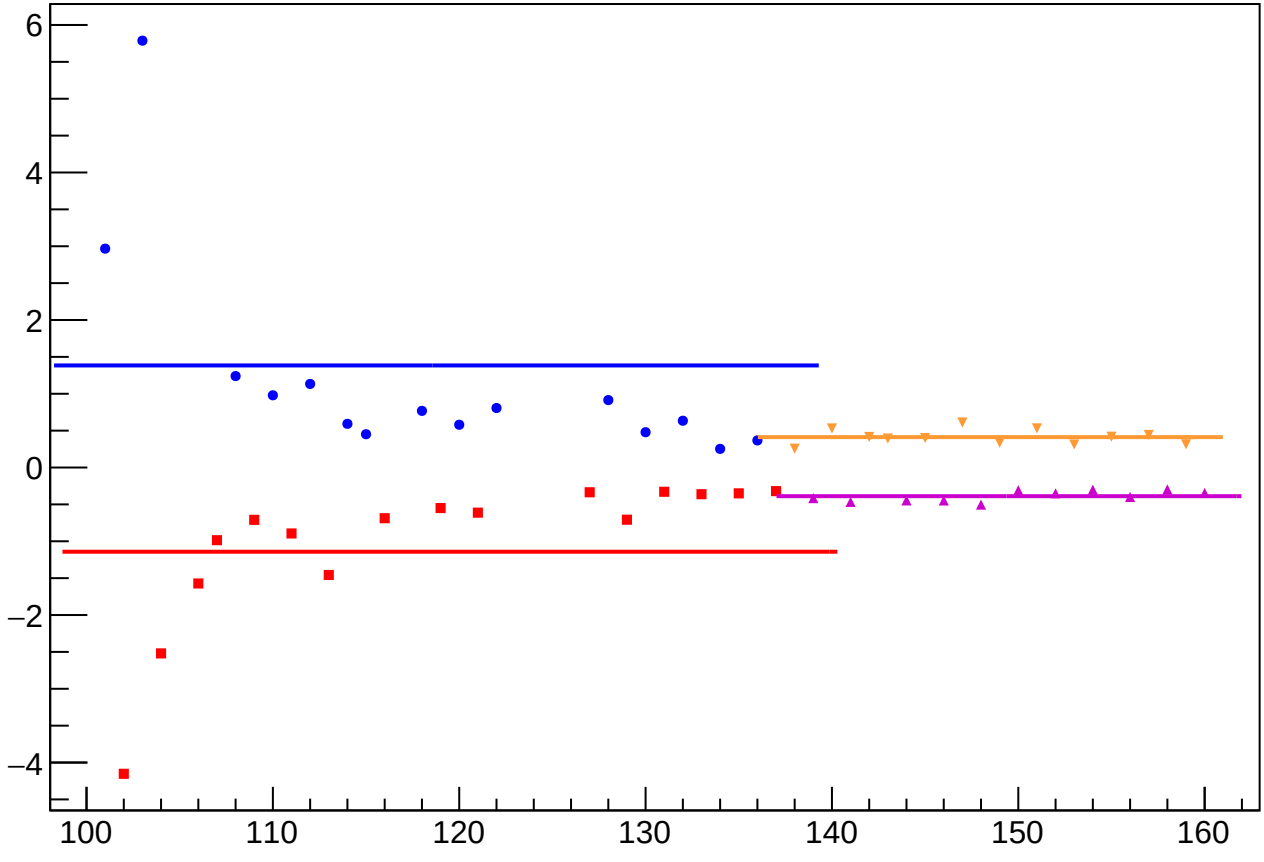
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

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

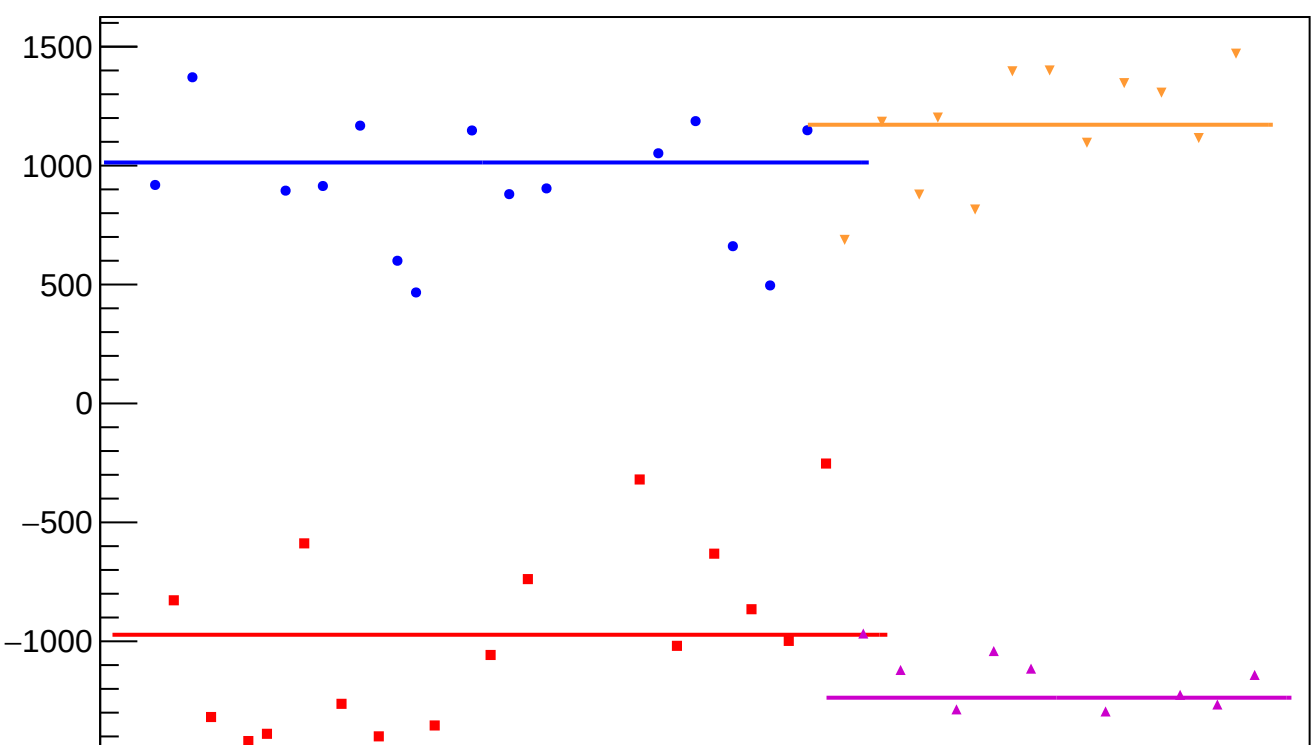
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:17511630764332006

Left In: -0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

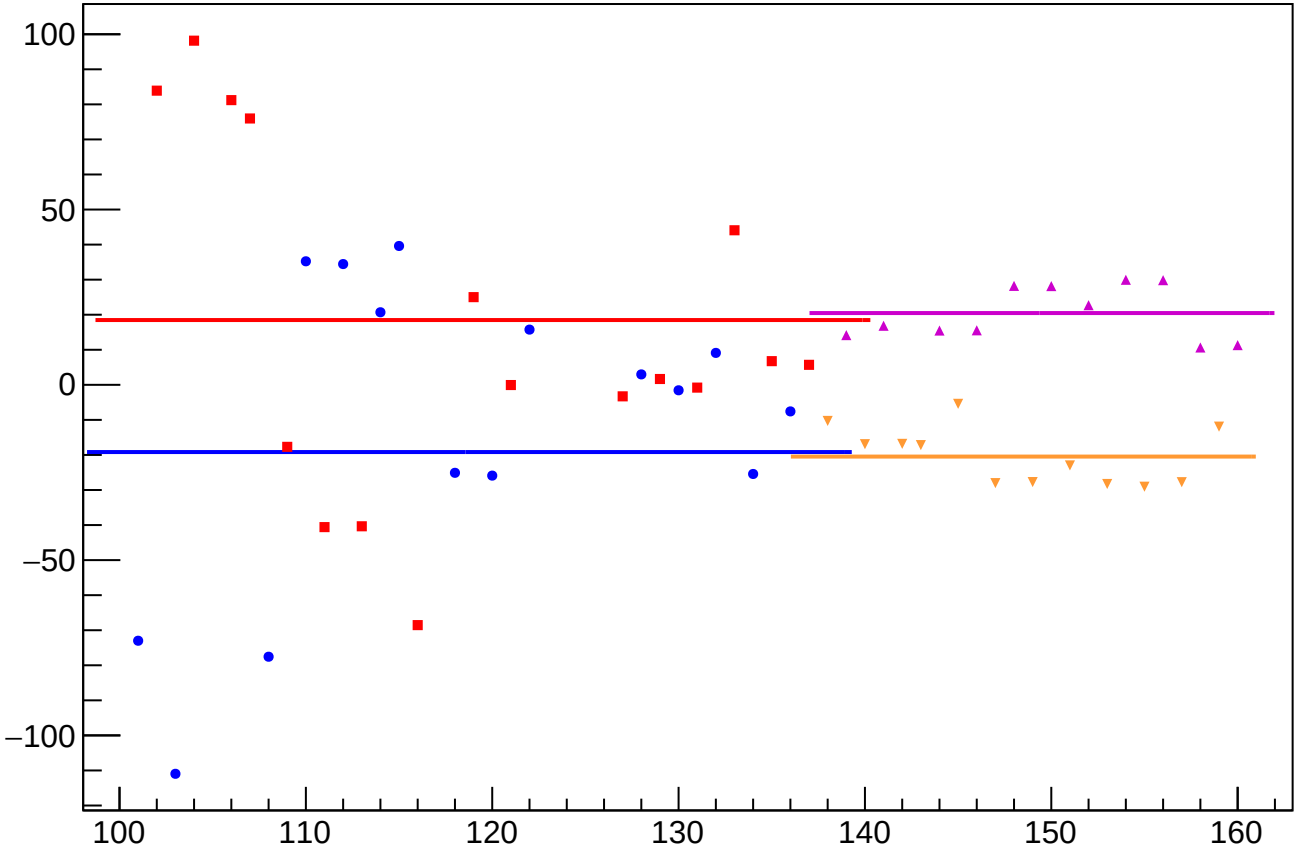
All: 0.049+/-0.000 χ^2/NDF: 4795604637543 1

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

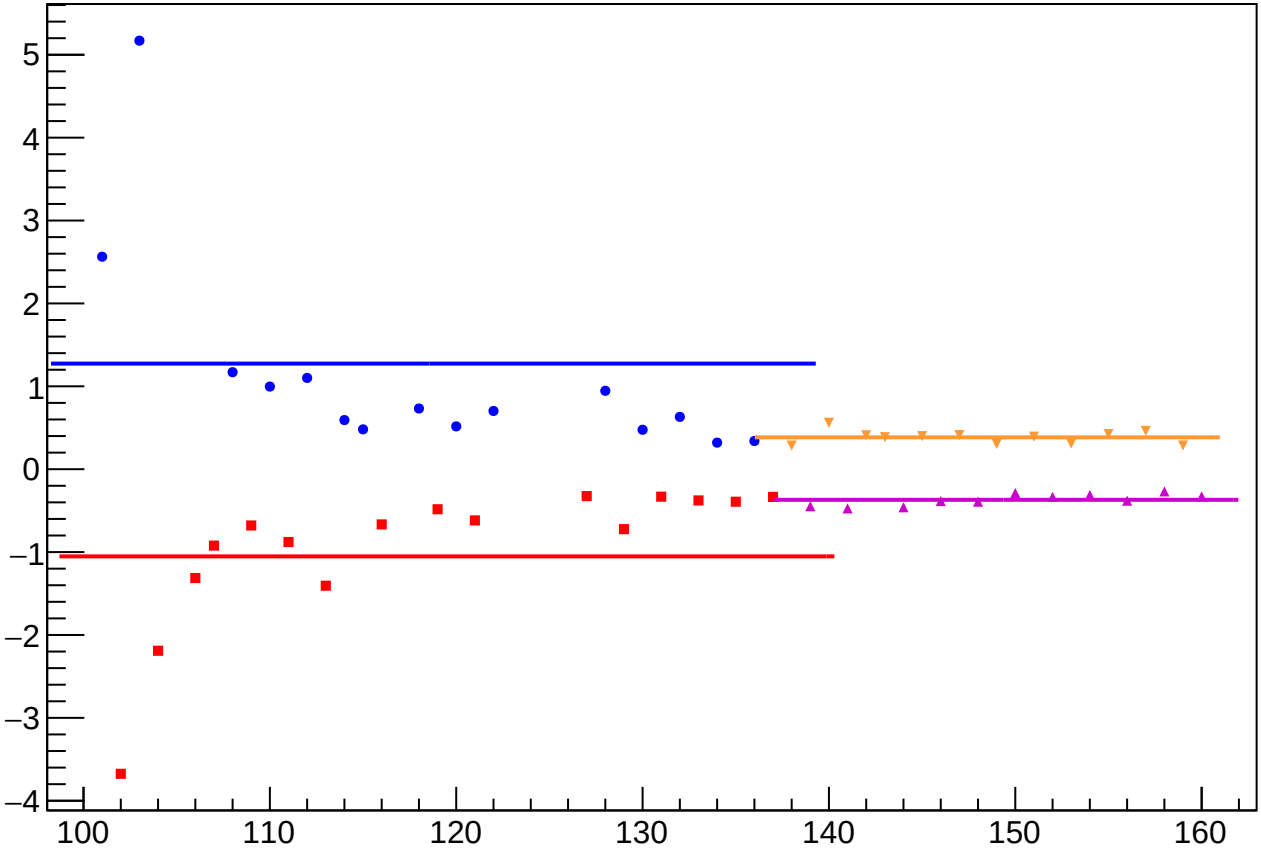
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

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

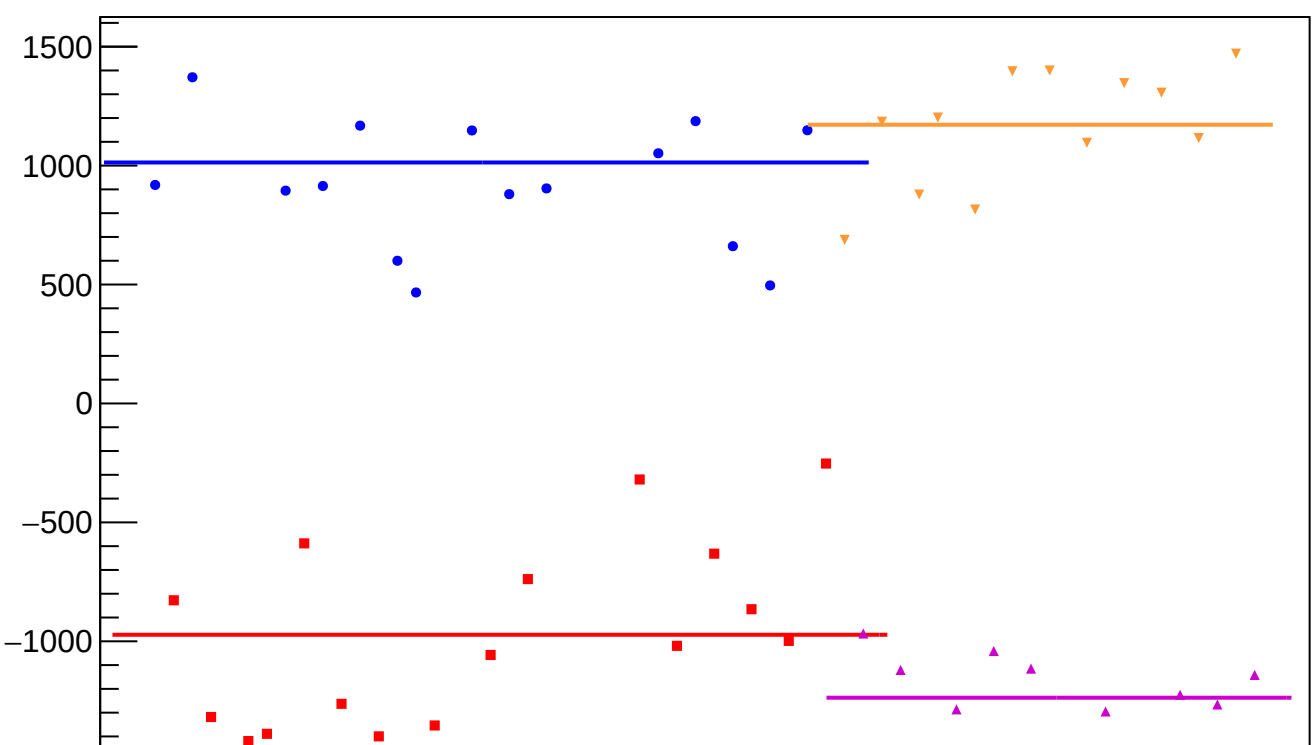
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

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

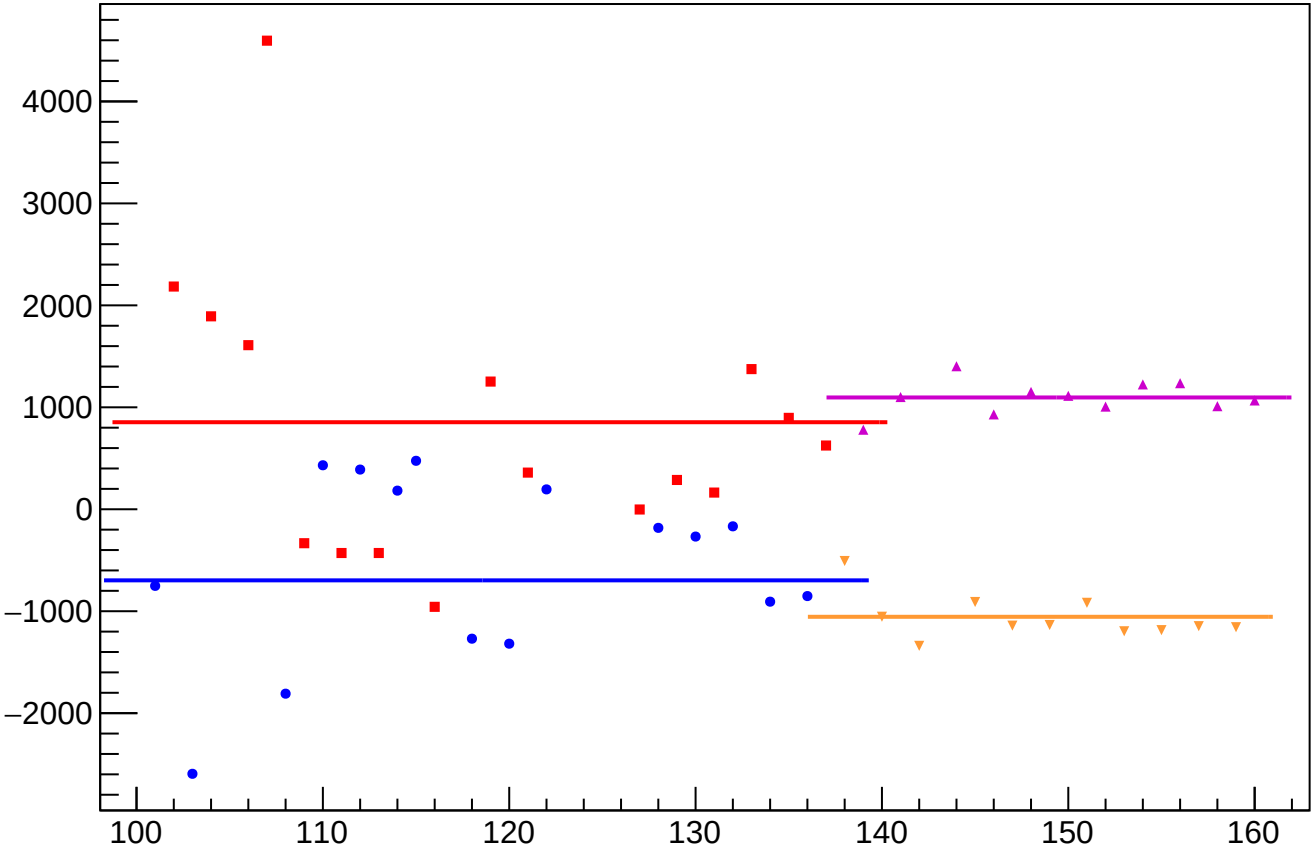
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

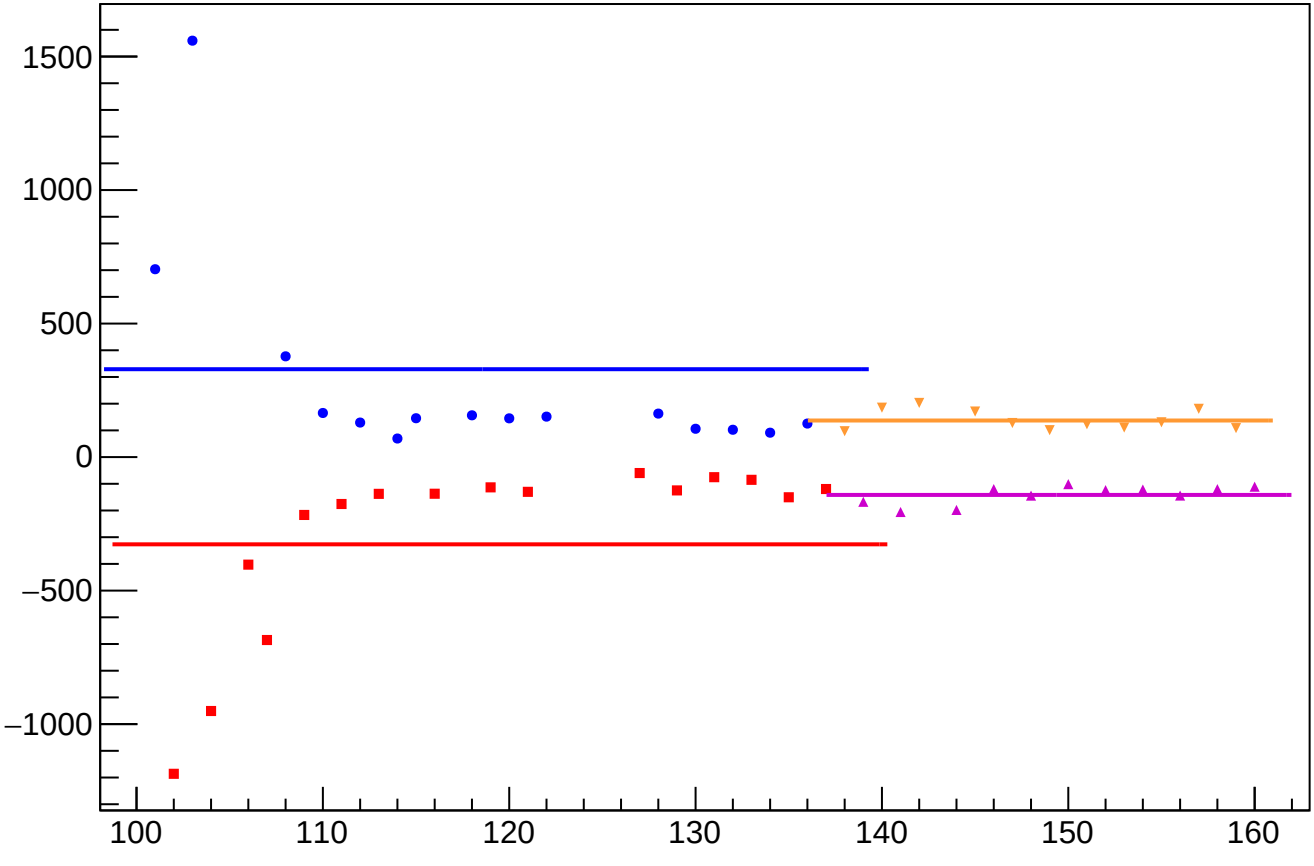
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_usl_coil6_mean vs Slug, Sign Corrected



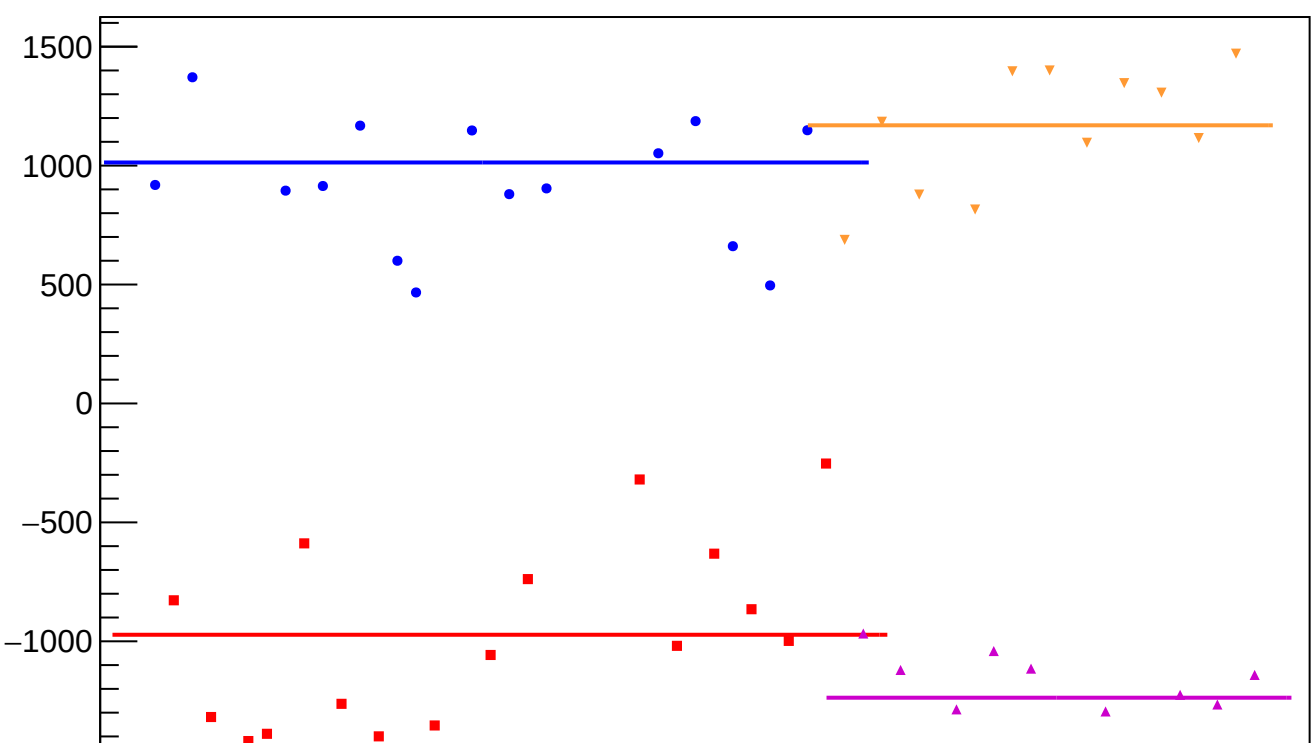
Left: 67.682+/-0.000 χ^2/NDF: 2104282925537346
Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1054.675+/-0.000 χ^2/NDF:3589341456175128983102800453580514918 4.0/10
In: 356.413+/-0.000 χ^2/NDF:1740513713272145
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

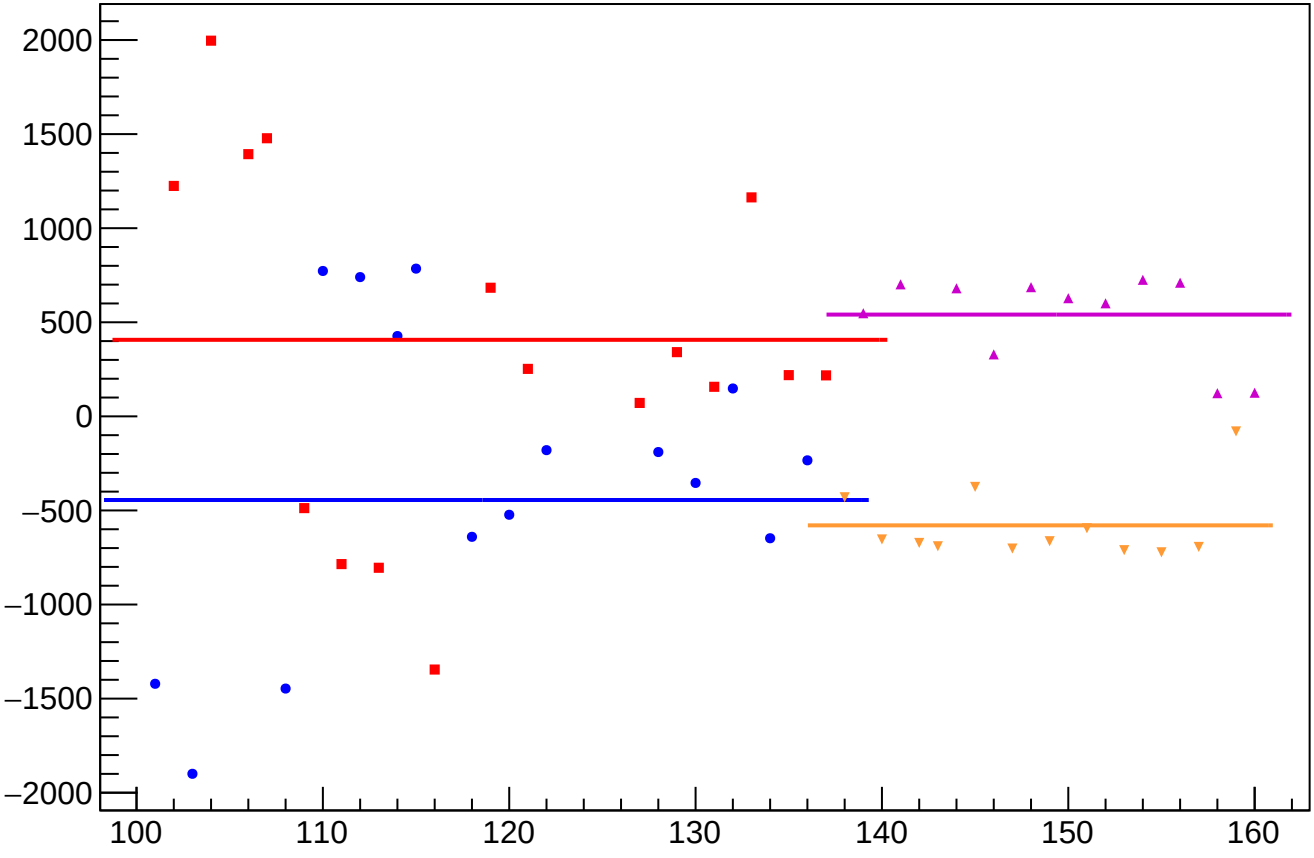
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 225.803+/-0.000 χ^2/NDF:184313289738696 9

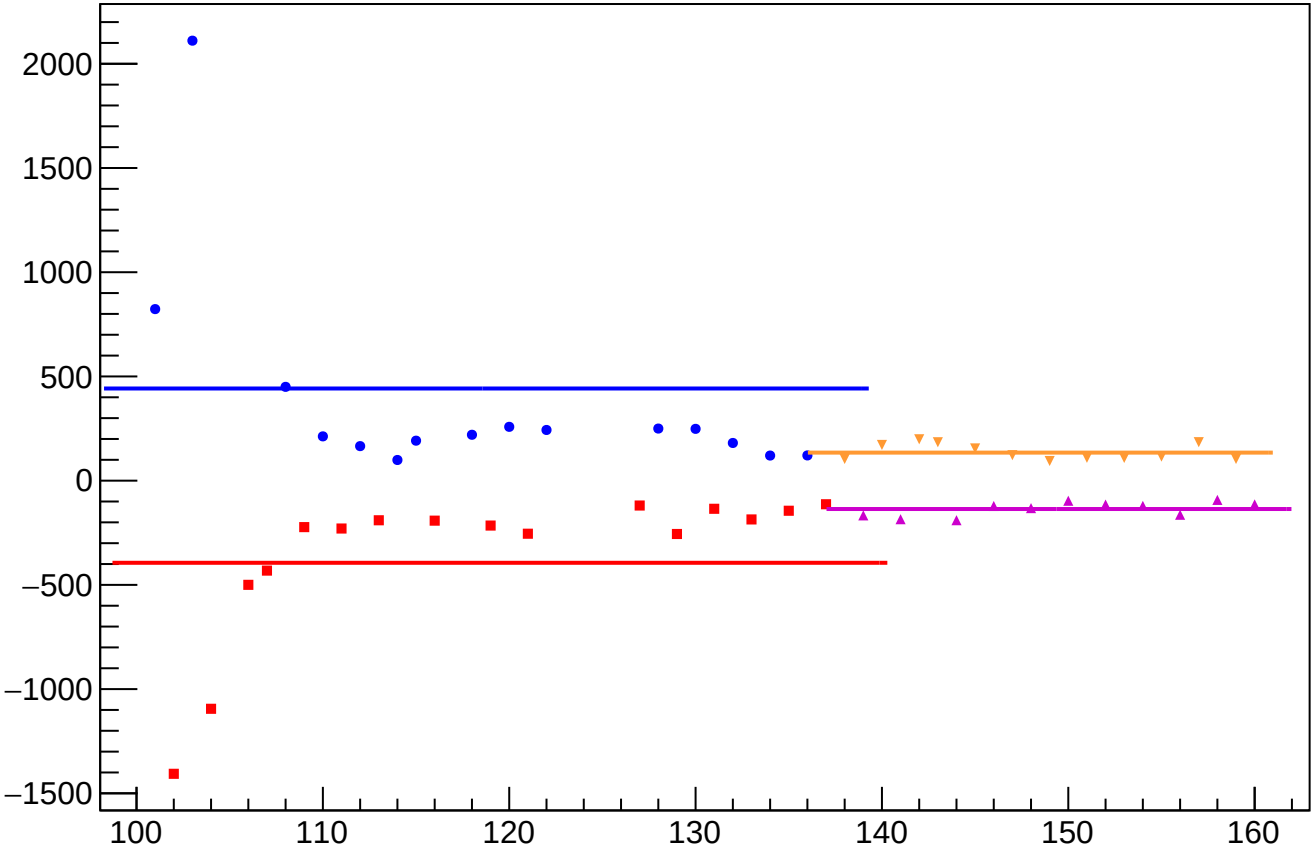
All: -46.560+/-0.000 χ^2/NDF: 405607578172

dit_usr_coil6_mean vs Slug, Sign Corrected



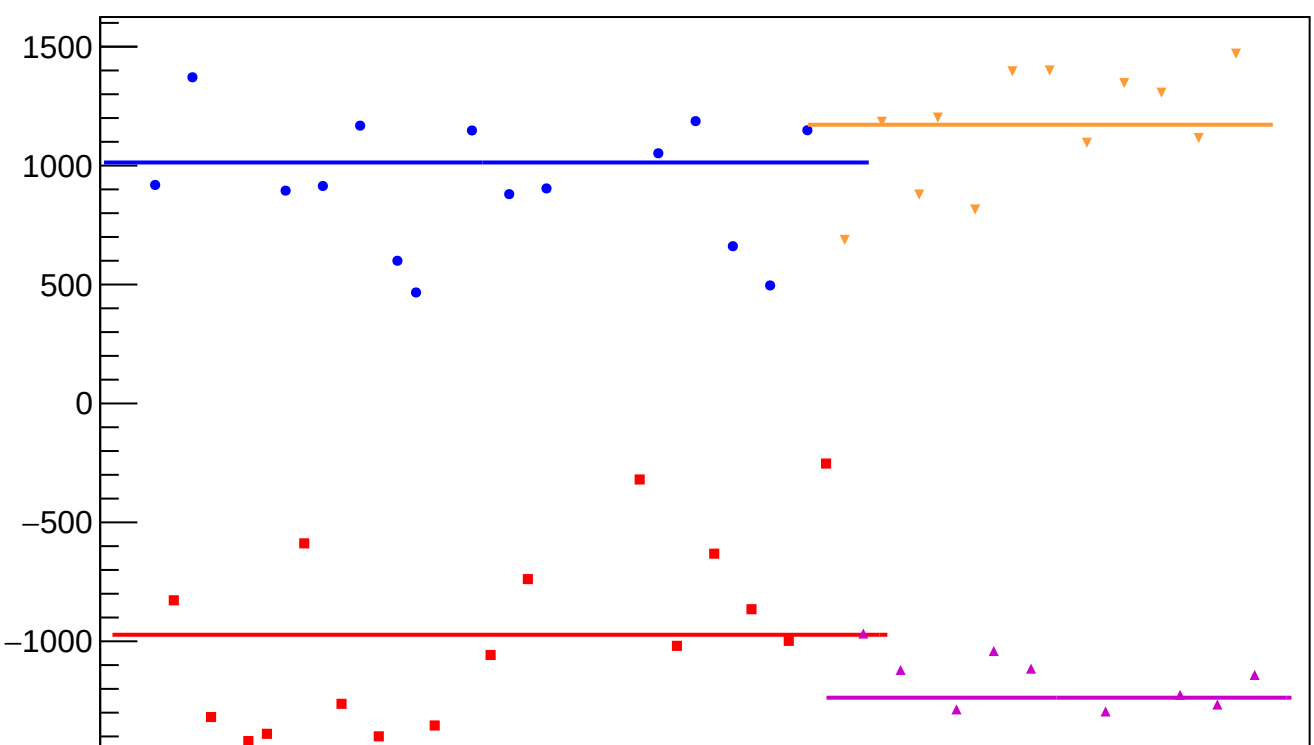
Left: -16.168+/-0.000 χ^2/NDF: 6517518654293770
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -579.272+/-0.000 χ^2/NDF:325845815245288609415955974070426664 96.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
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

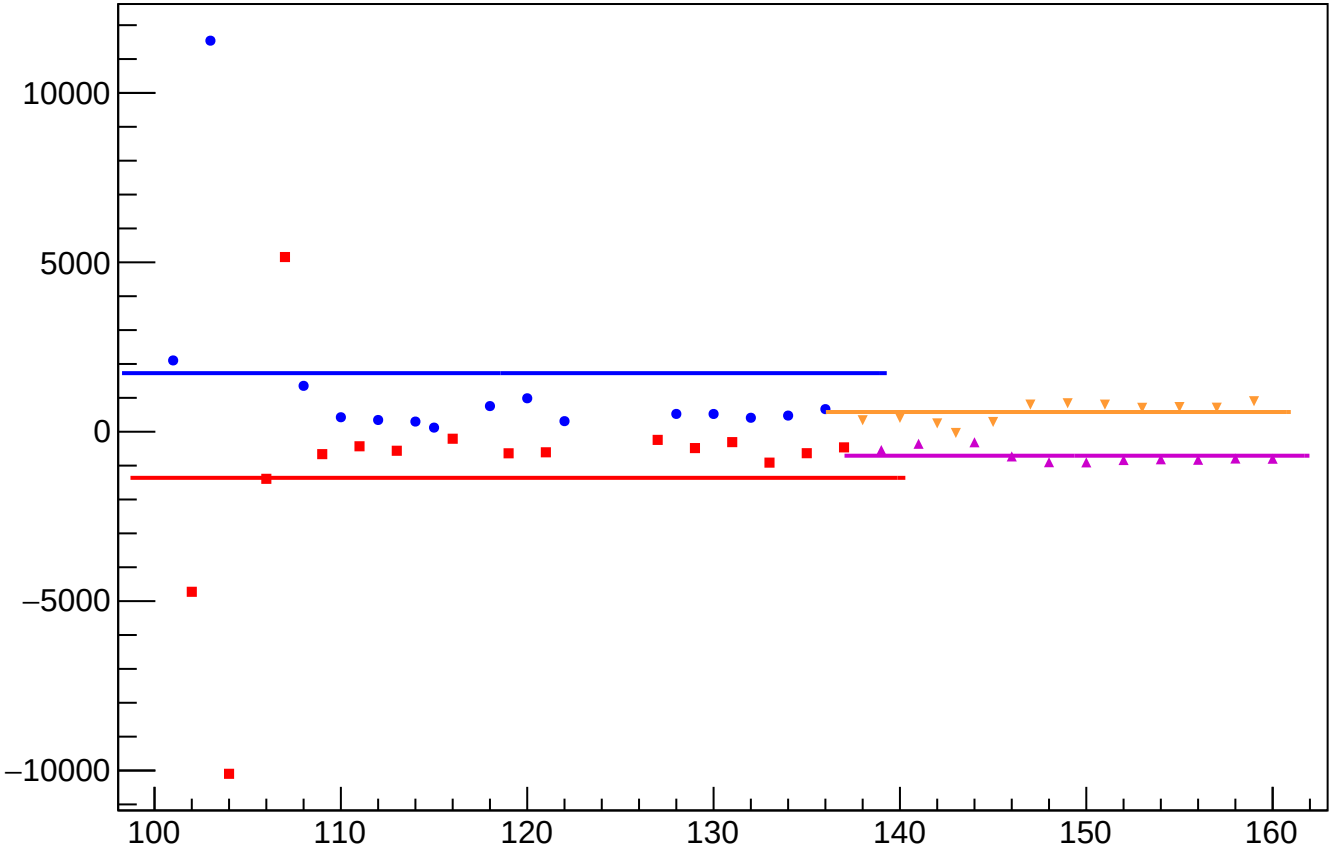
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

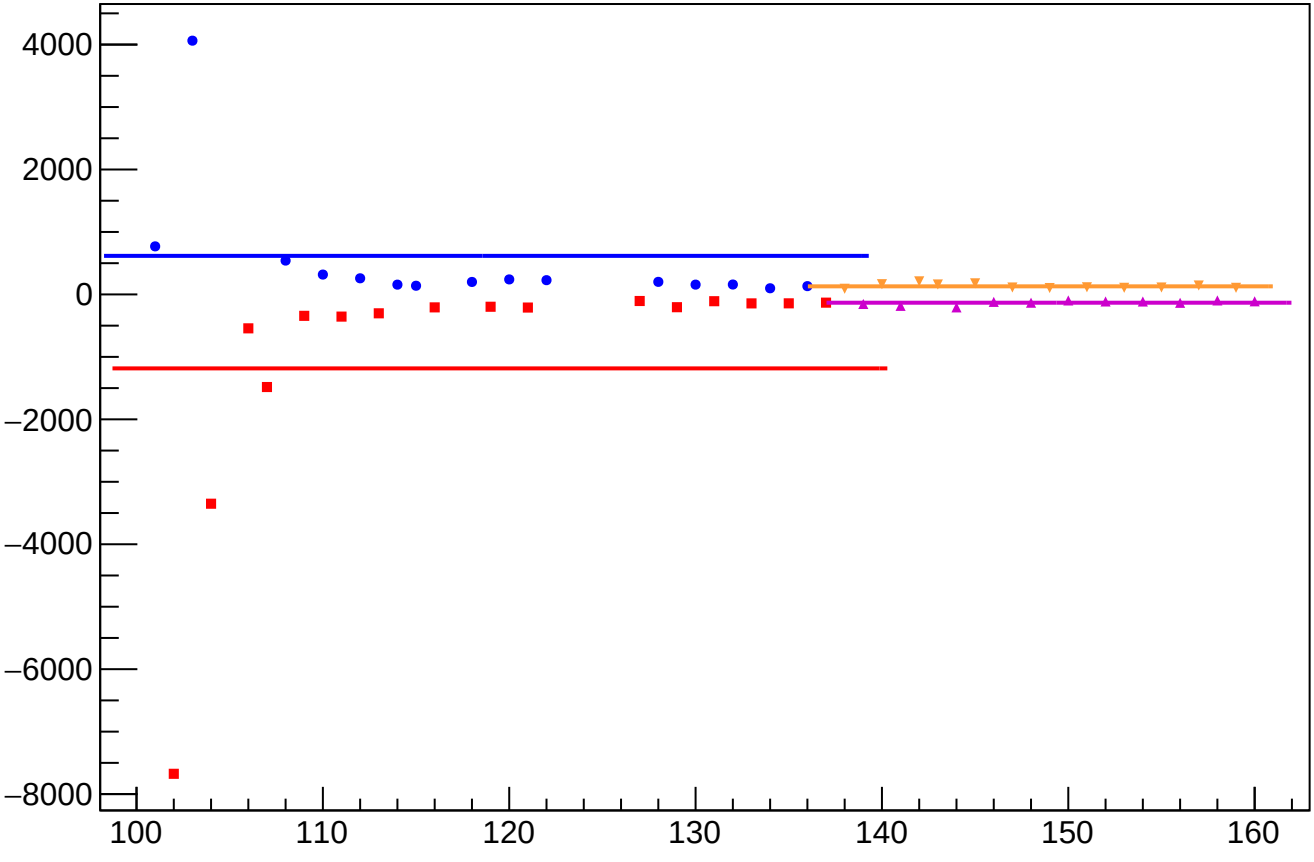
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

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

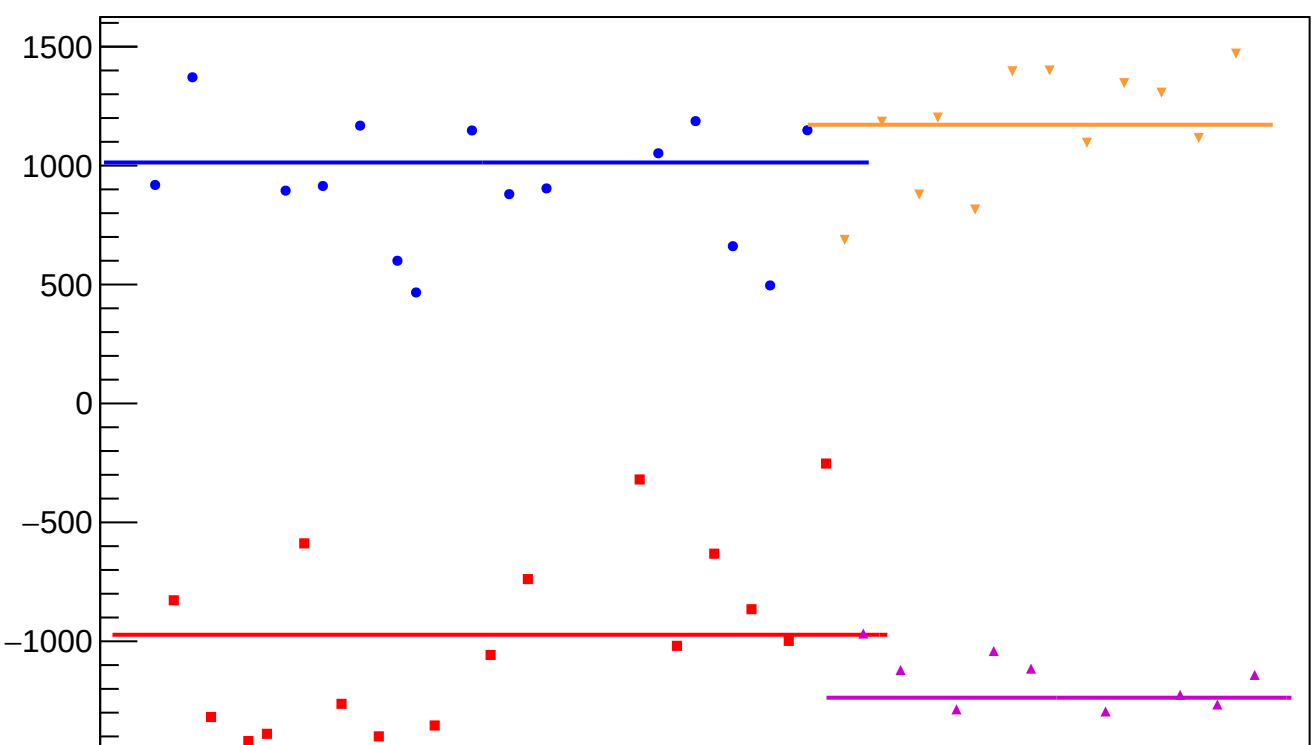
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

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

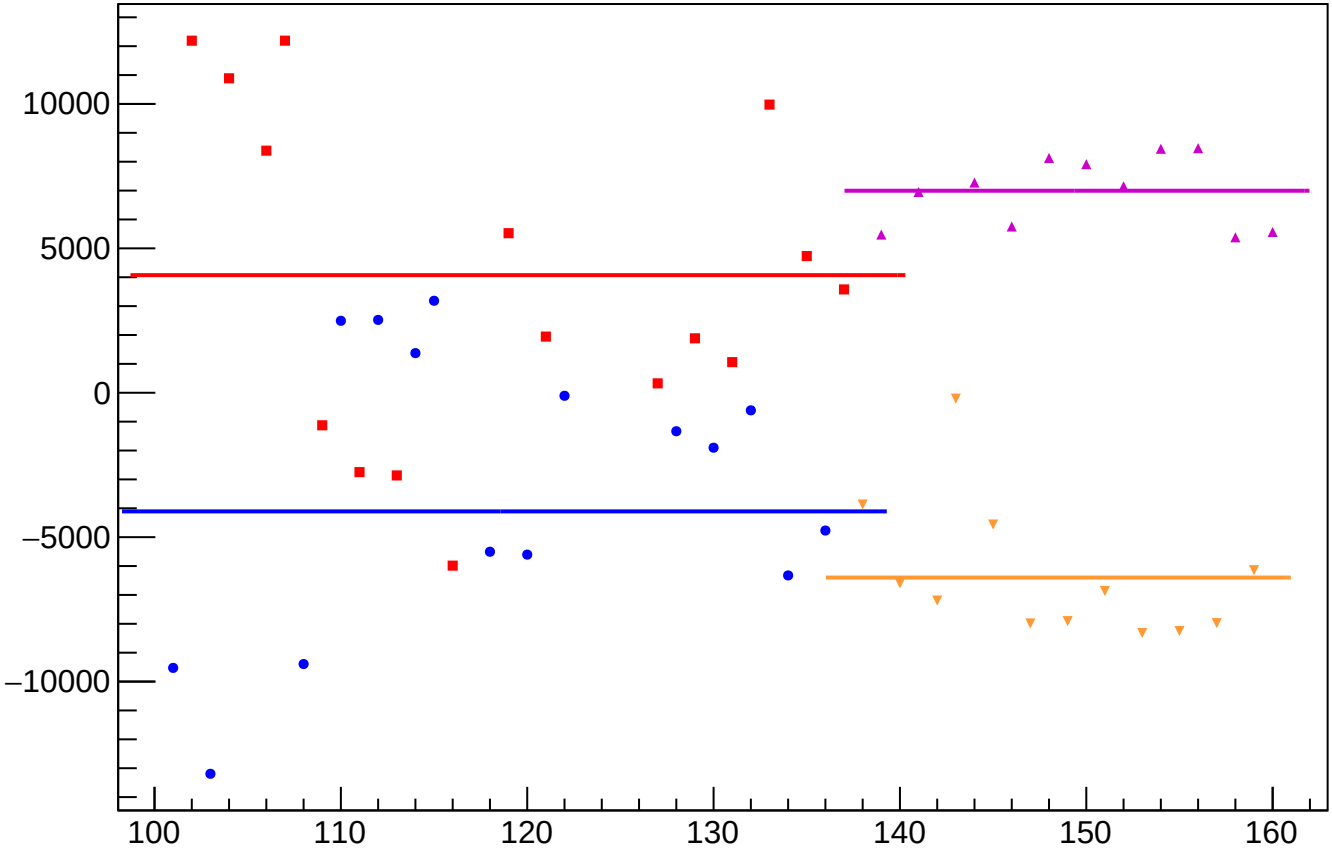
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

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

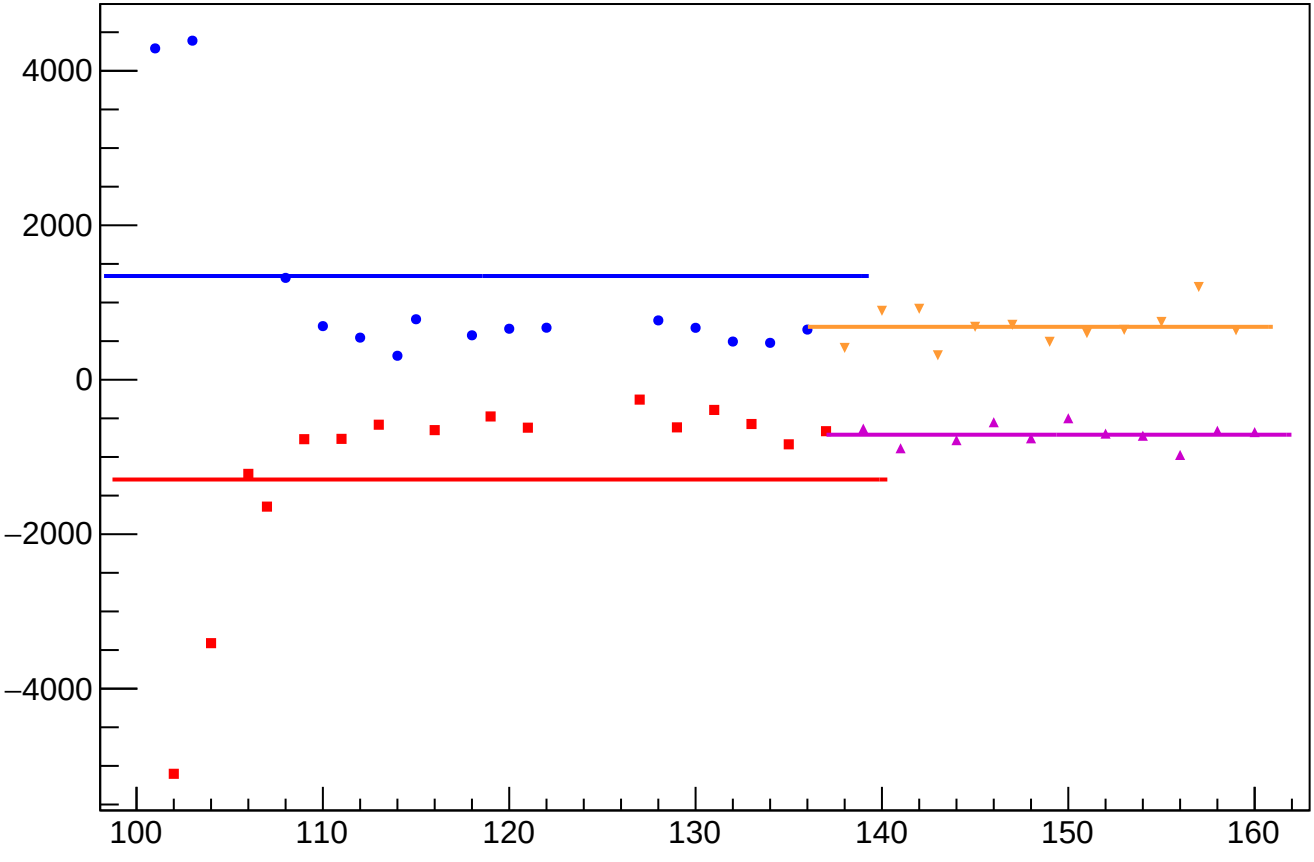
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

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

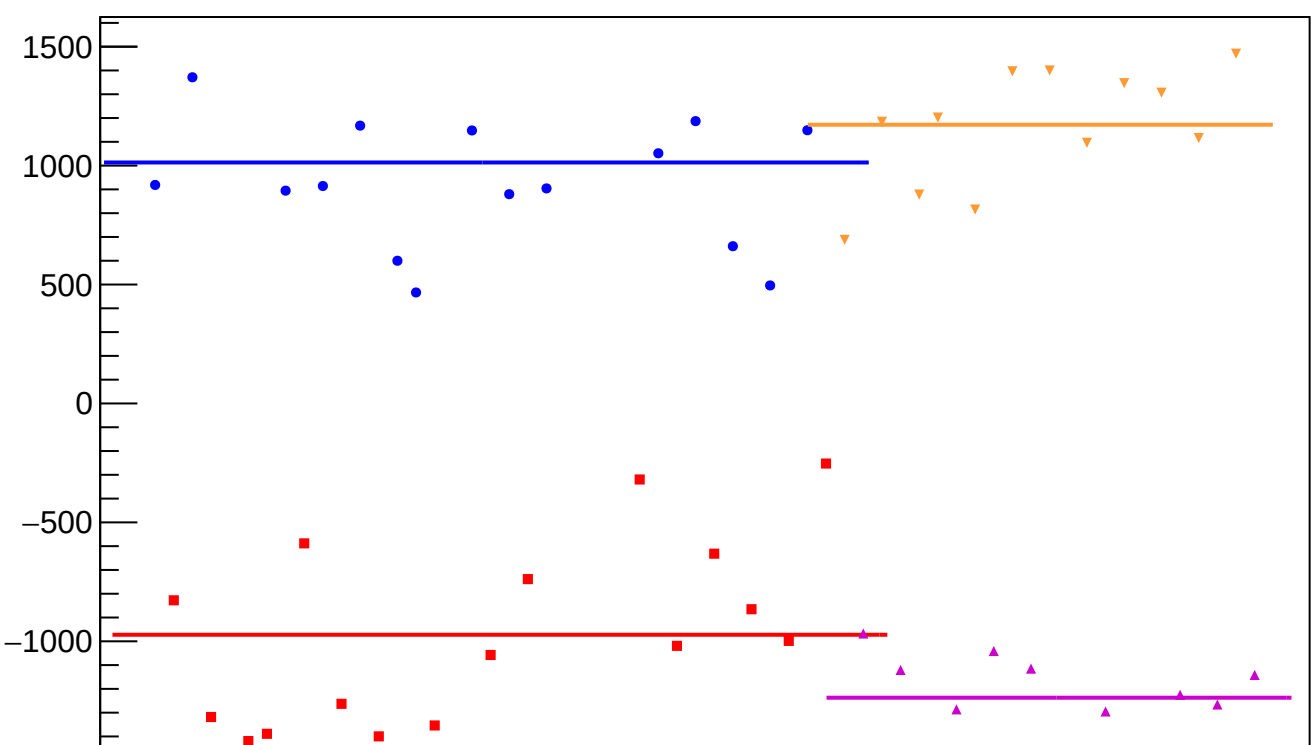
Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

Out: -148.803+/-0.000 χ^2/NDF:287719999706056

Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10

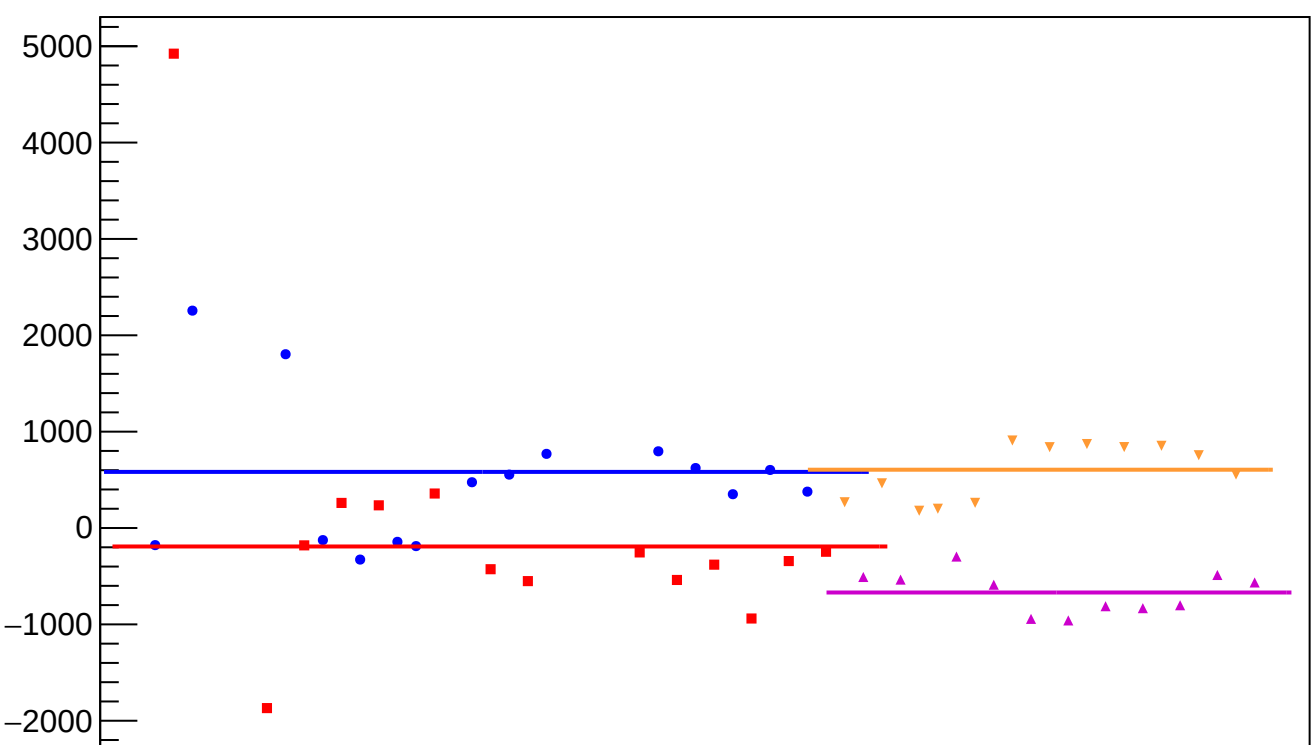
All: -6.683+/-0.000 χ^2/NDF: 5884601406998

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



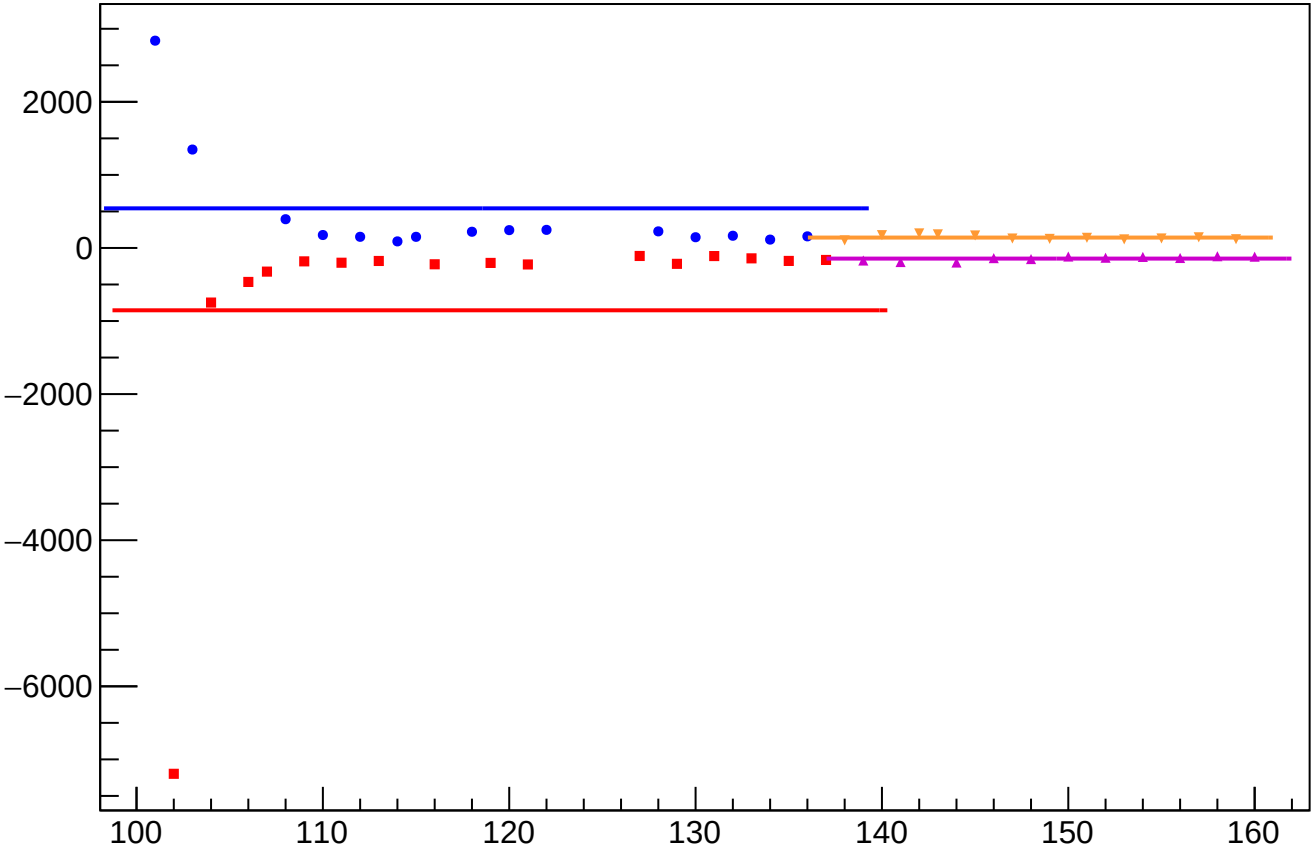
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 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

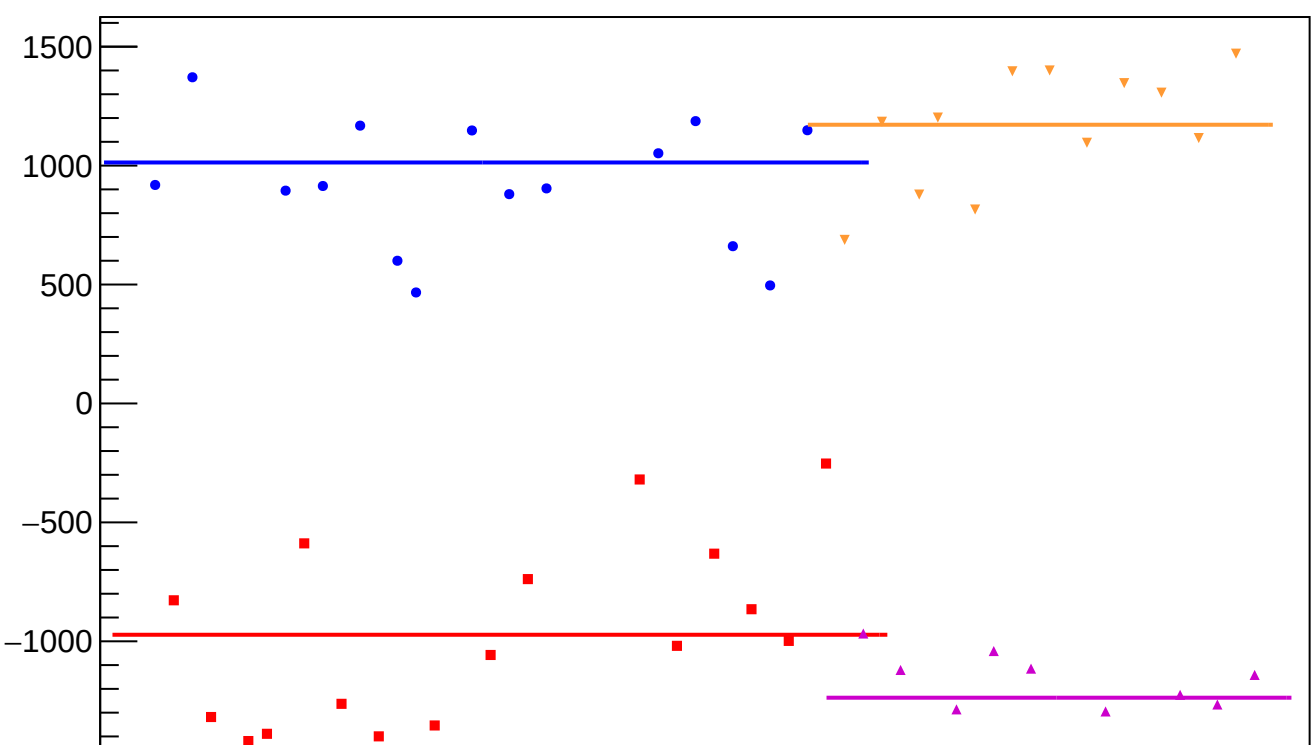
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704473 6.0/15

Out: -277.669+/-0.000 χ^2/NDF:295694420364328

Left In: -145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

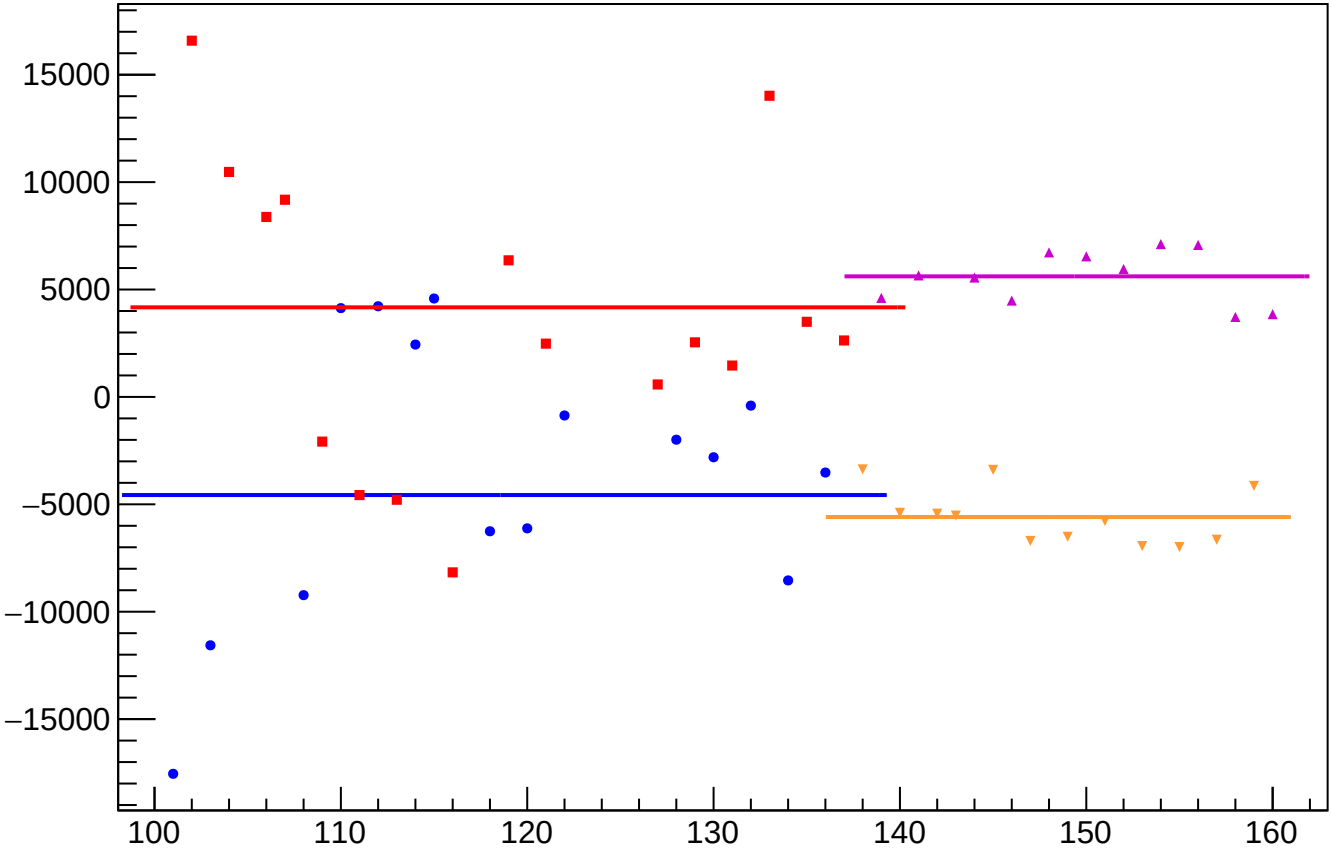
All: -70.218+/-0.000 χ^2/NDF: 36888941096 3

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



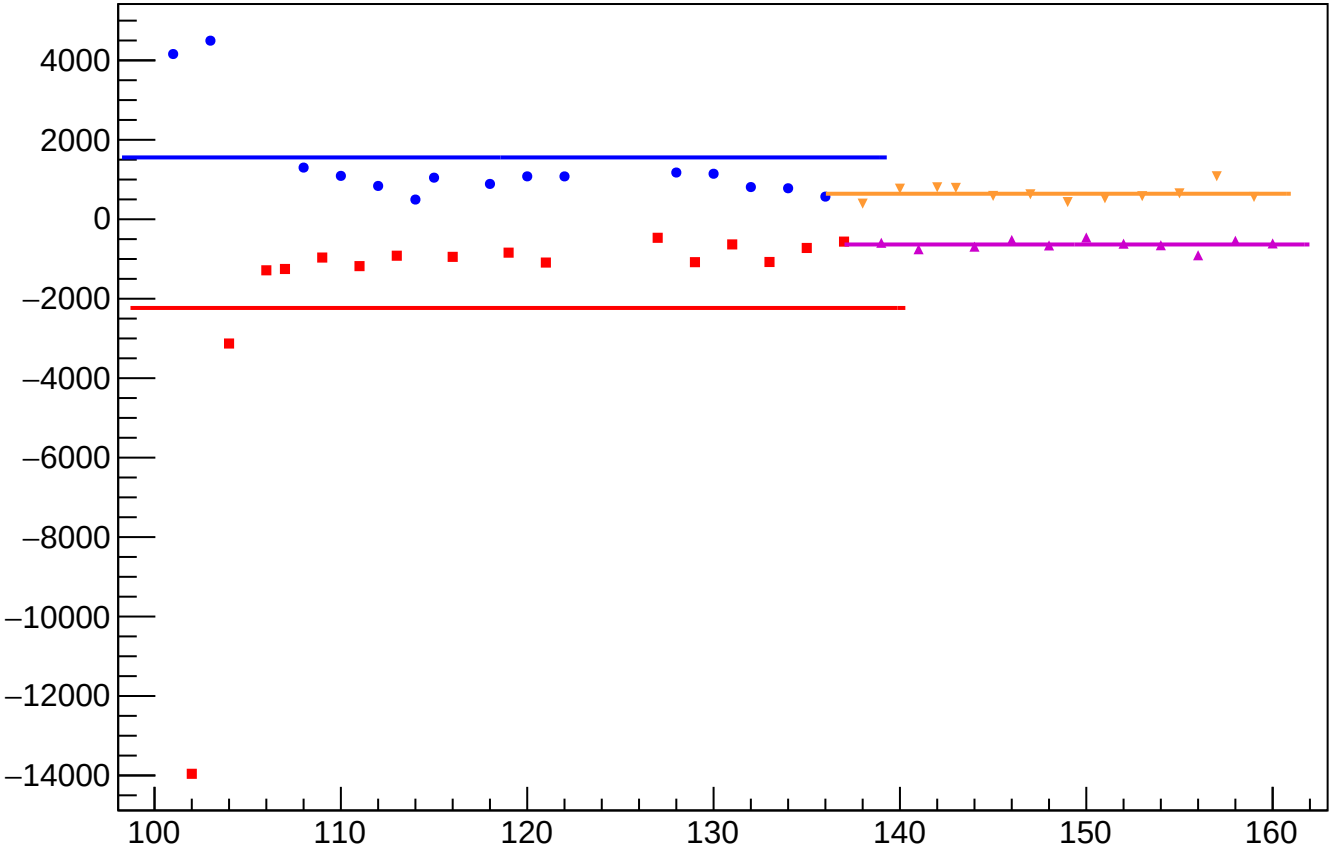
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 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

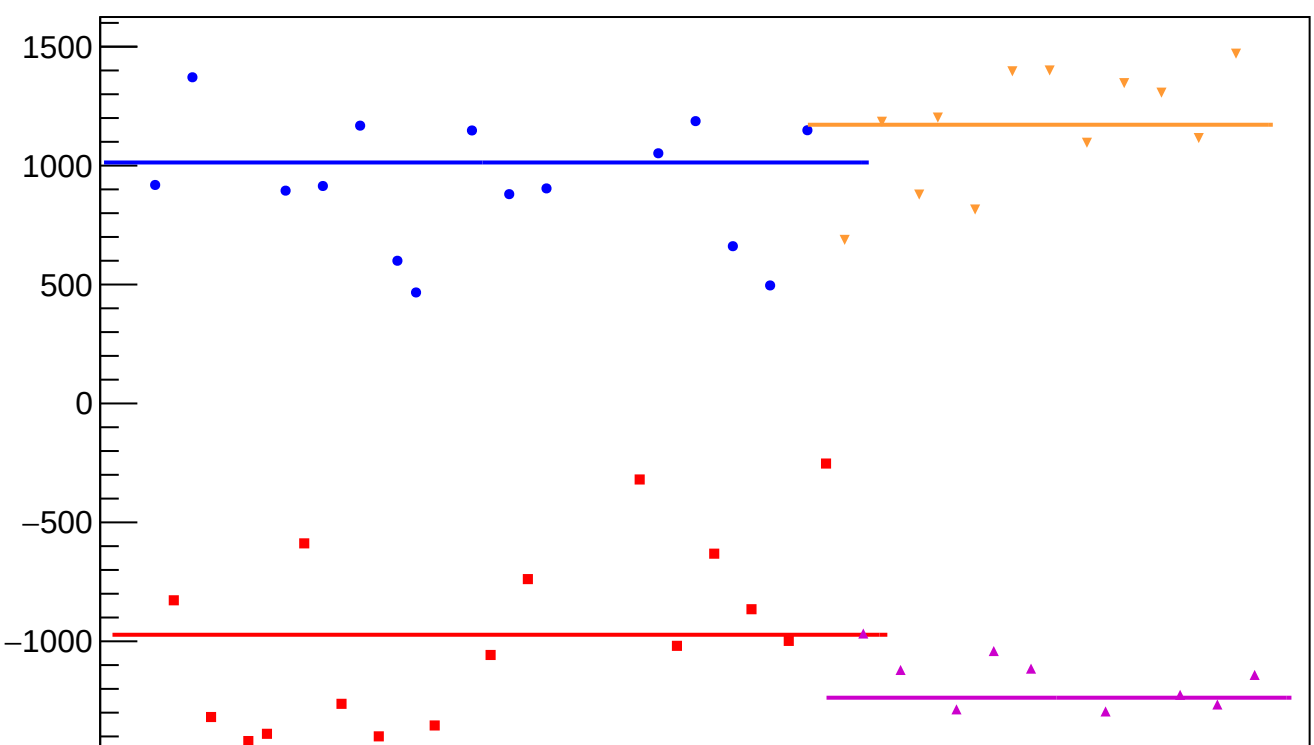
Right Out: -2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15

Out: -570.347+/-0.000 χ^2/NDF:122079278406858

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

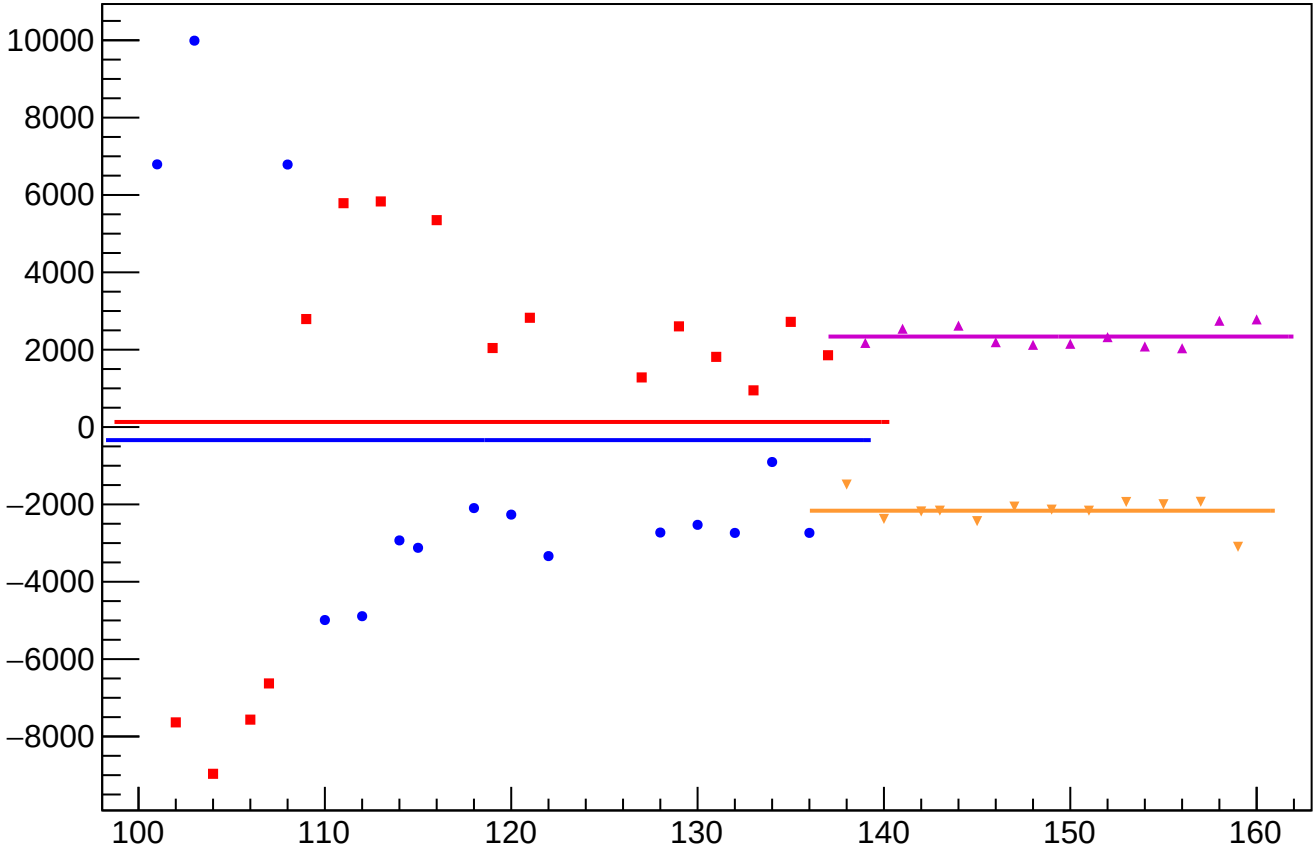
All: -151.463+/-0.000 χ^2/NDF: 15746462164

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

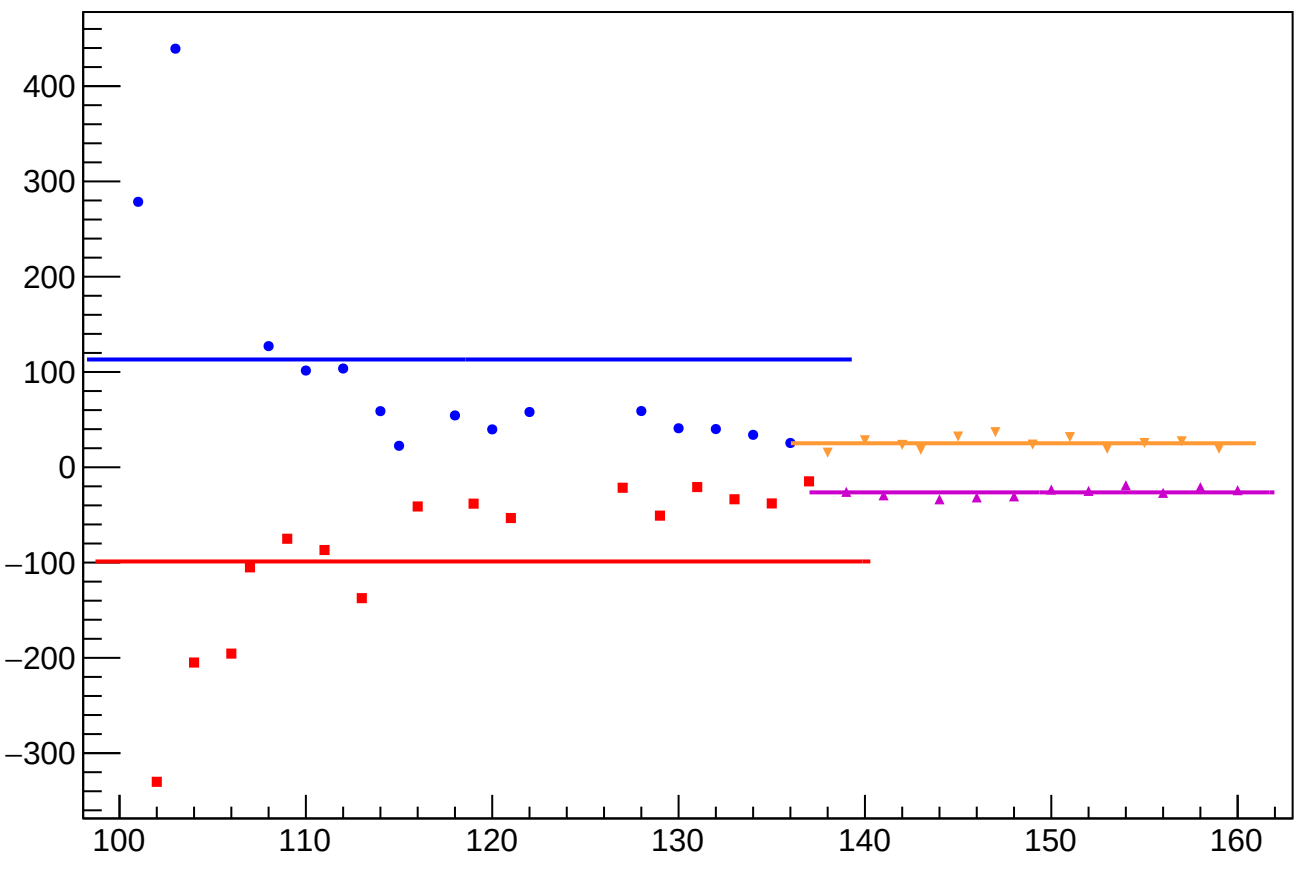
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

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

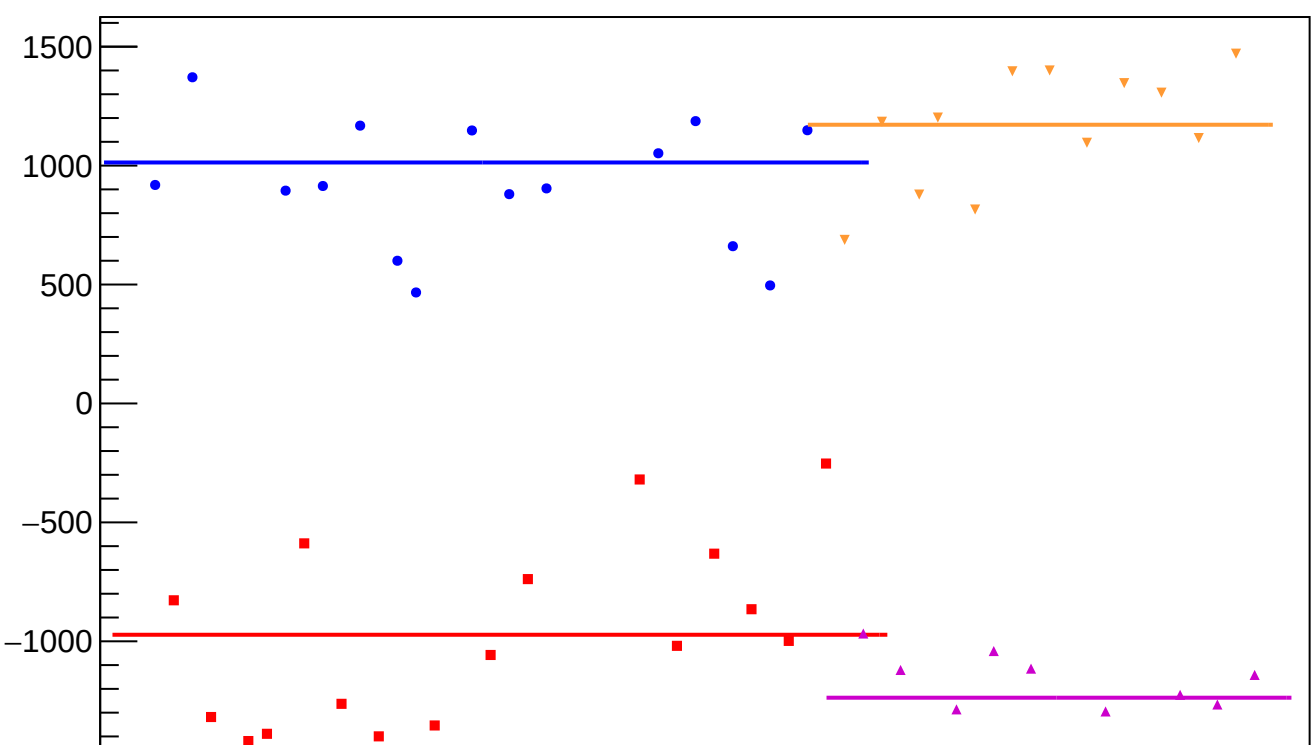
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

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

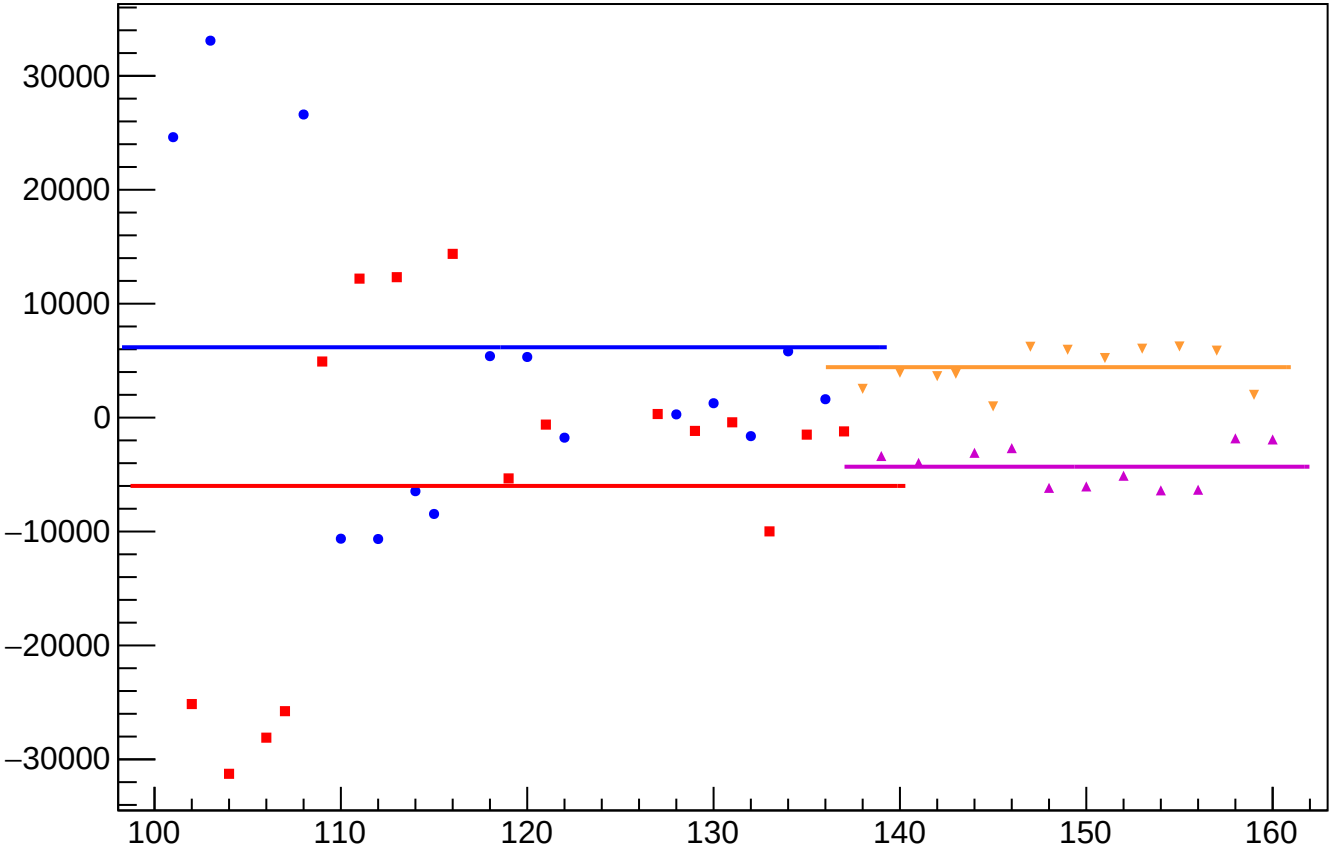
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

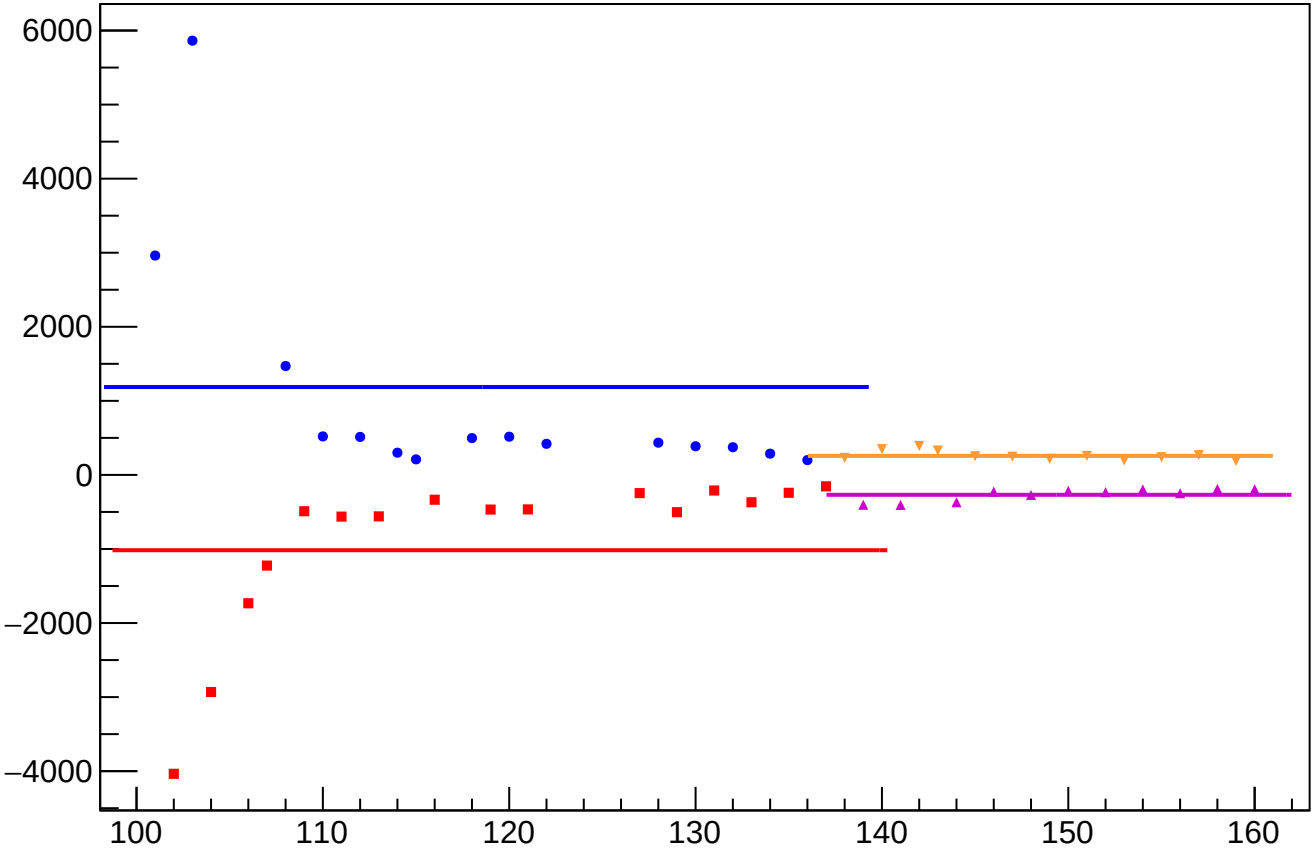
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

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

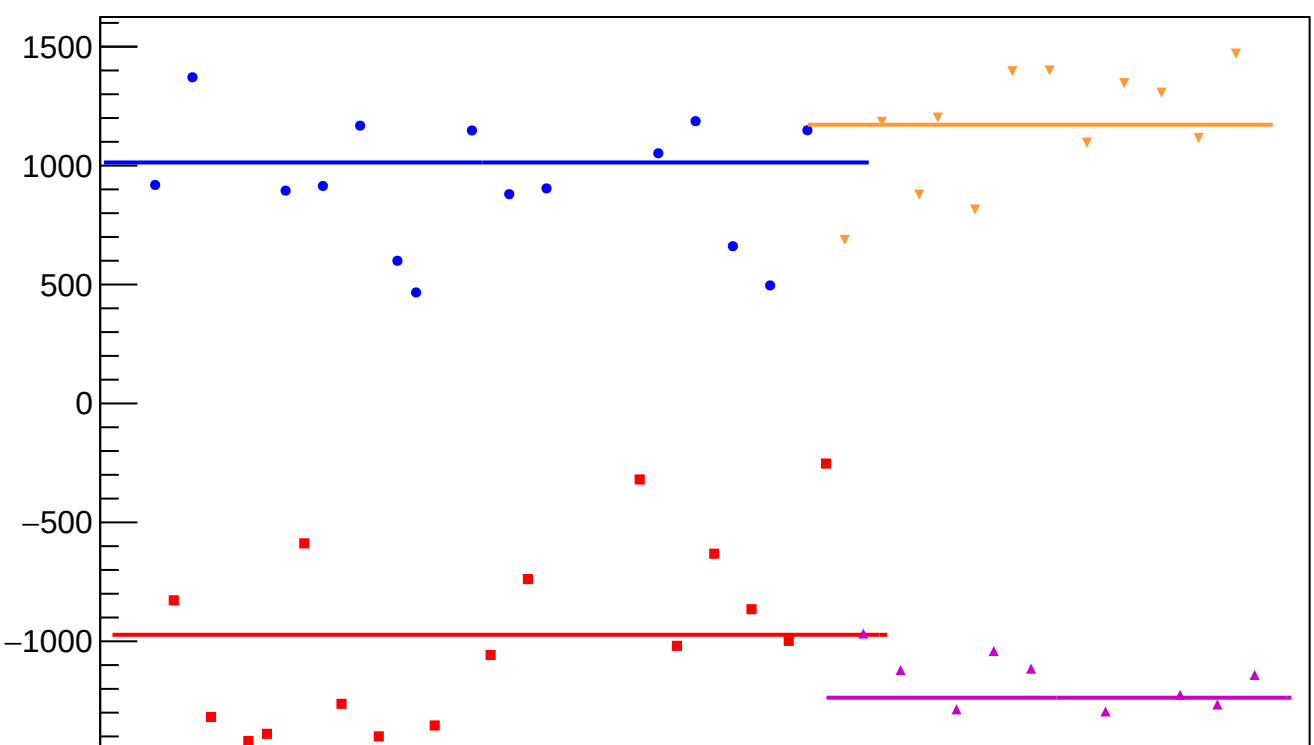
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

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

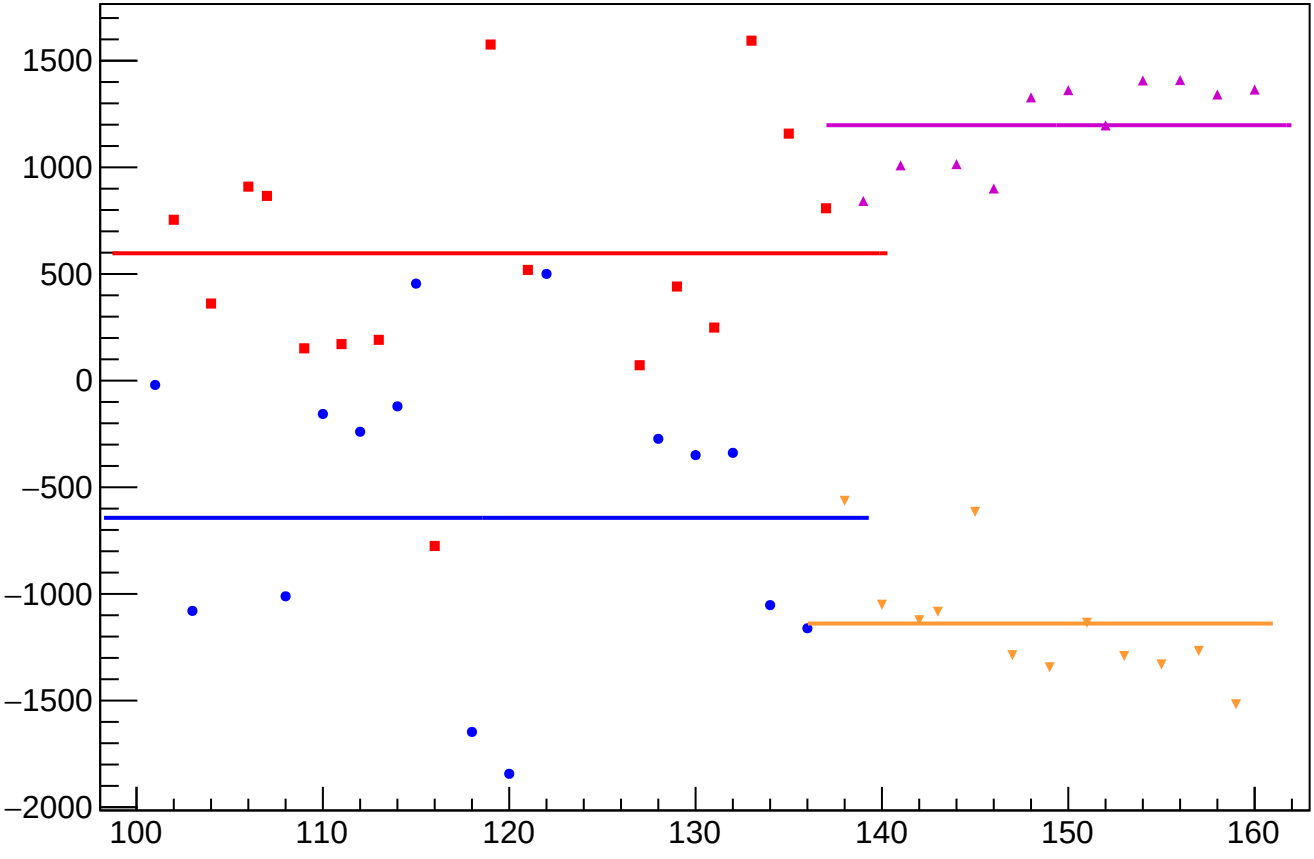
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

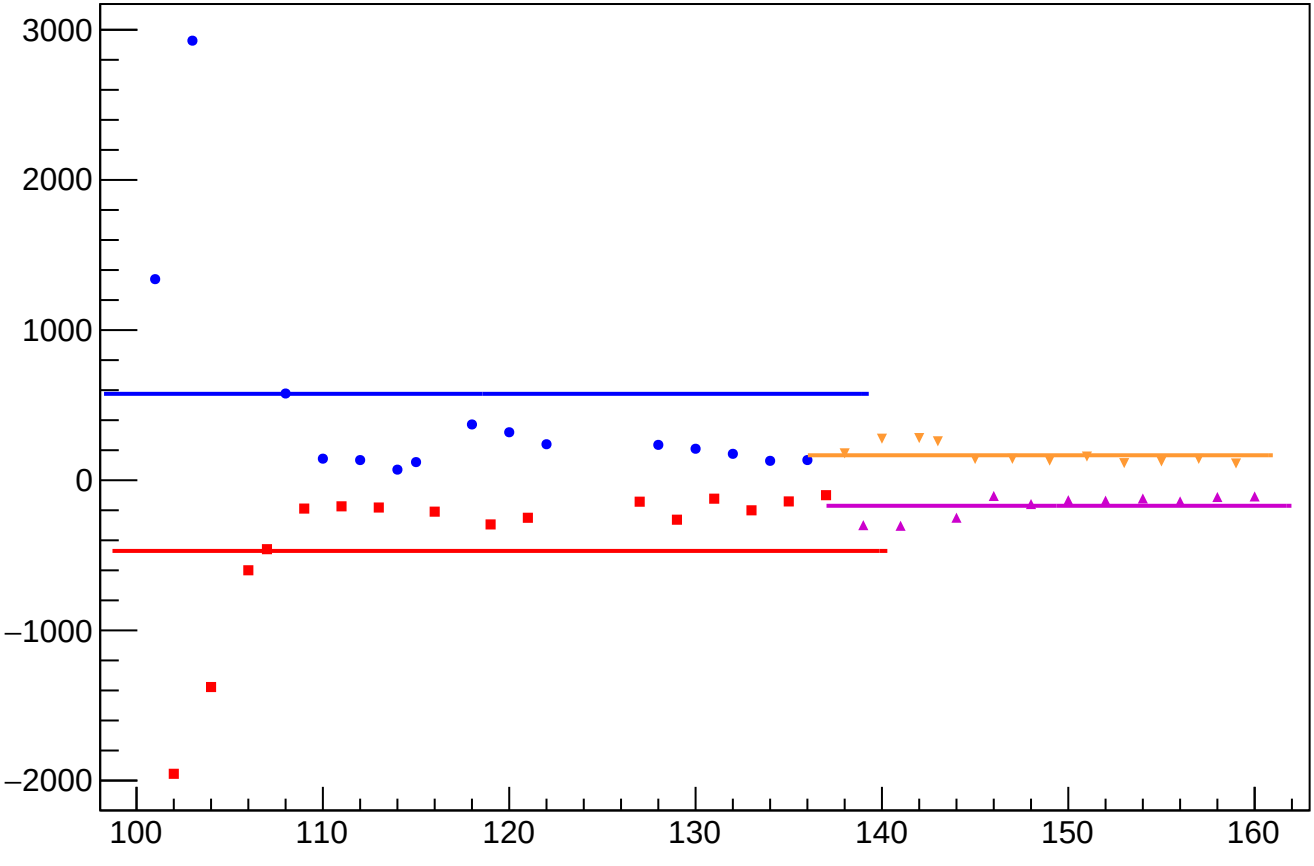
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam3_coil6_mean vs Slug, Sign Corrected



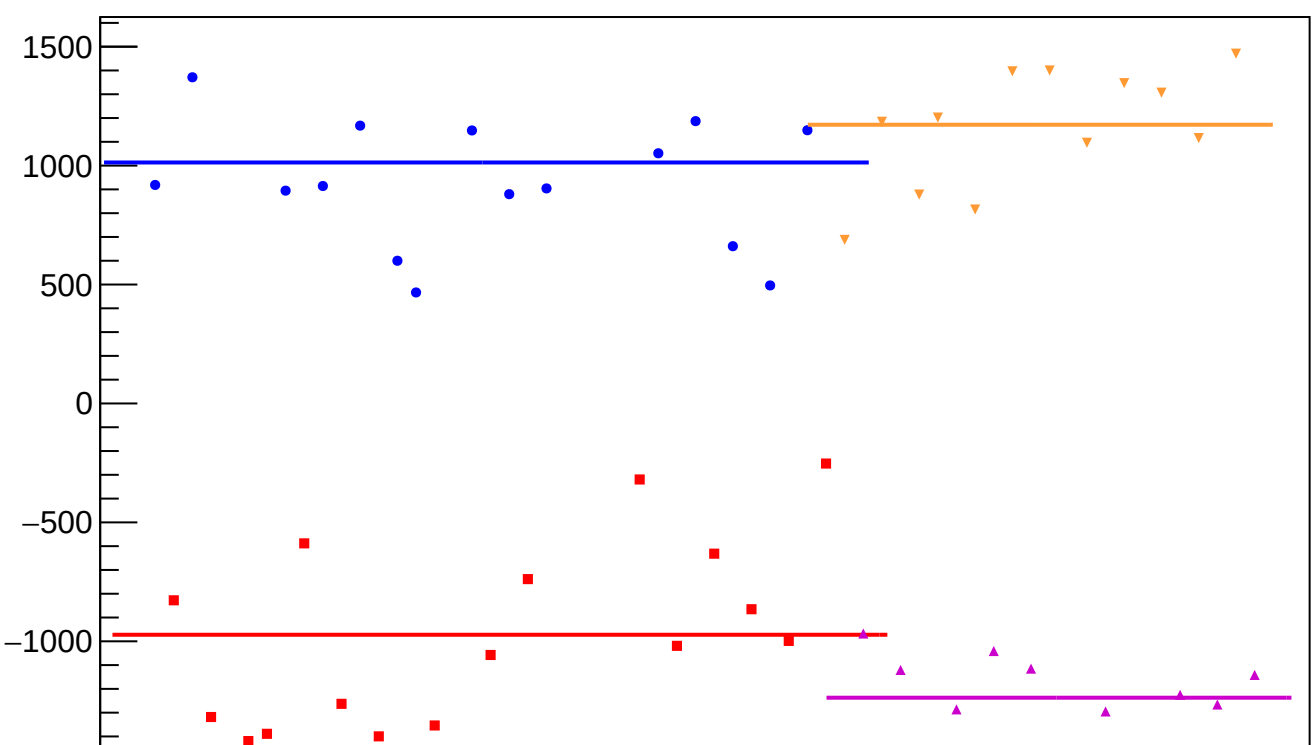
Left: 35.728+/-0.000 χ^2/NDF: 2617562196994142
Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
Right: -14.605+/-0.000 χ^2/NDF: 989448118075246
Left Out: -1138.759+/-0.000 χ^2/NDF:7100618595342425427059079171817026355 2.0/11
In: 438.045+/-0.000 χ^2/NDF:160305698716382 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

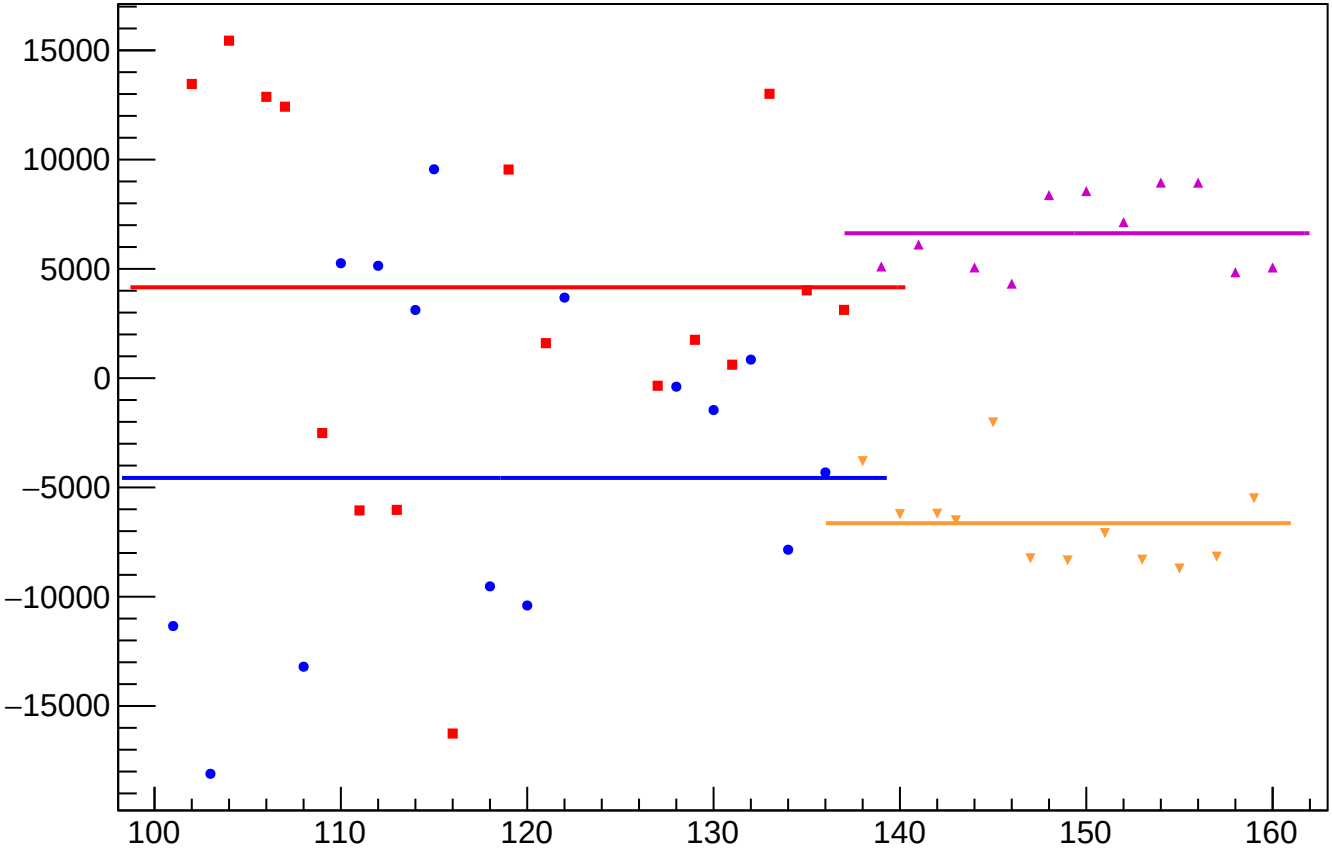
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

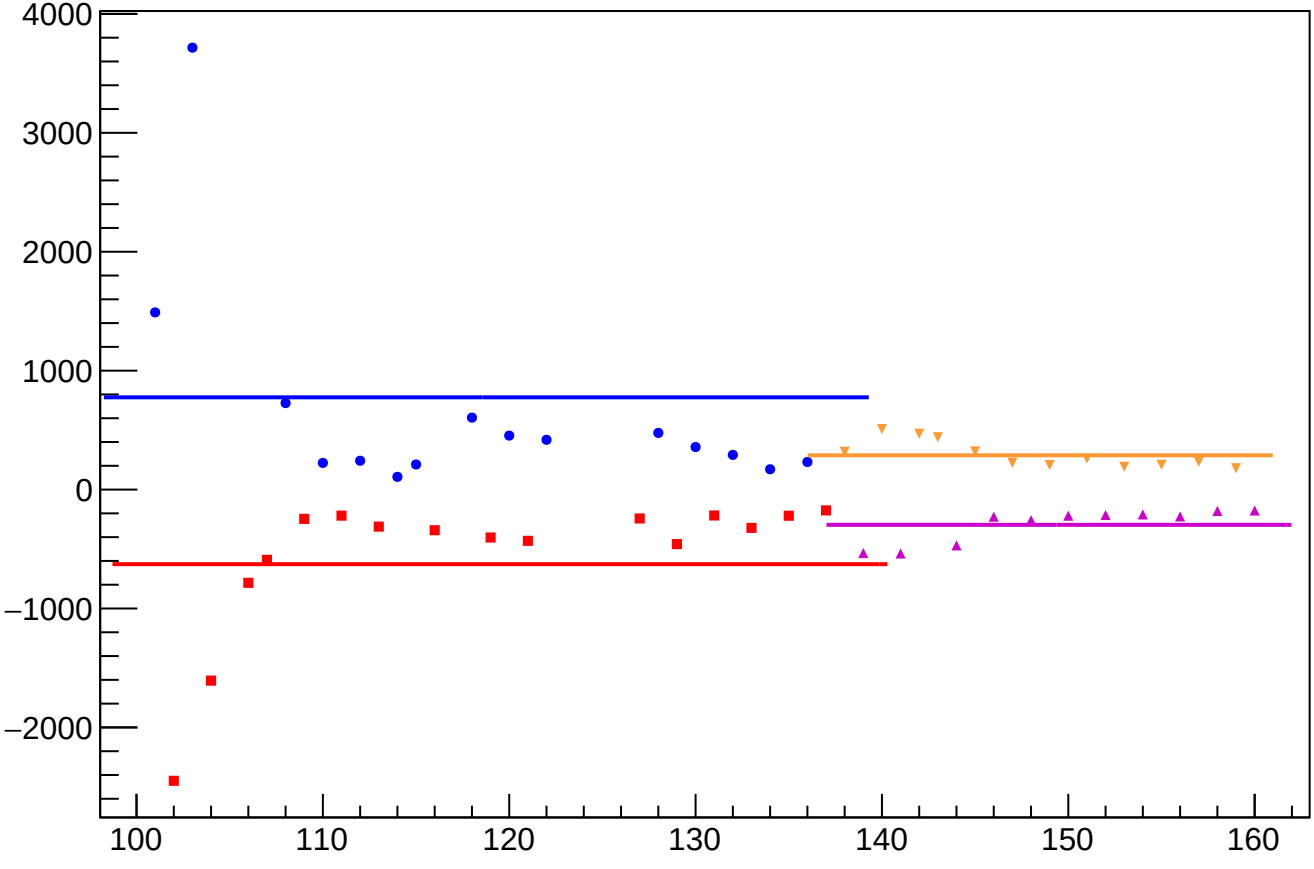
All: -20.037+/-0.000 χ^2/NDF: 415830099668

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

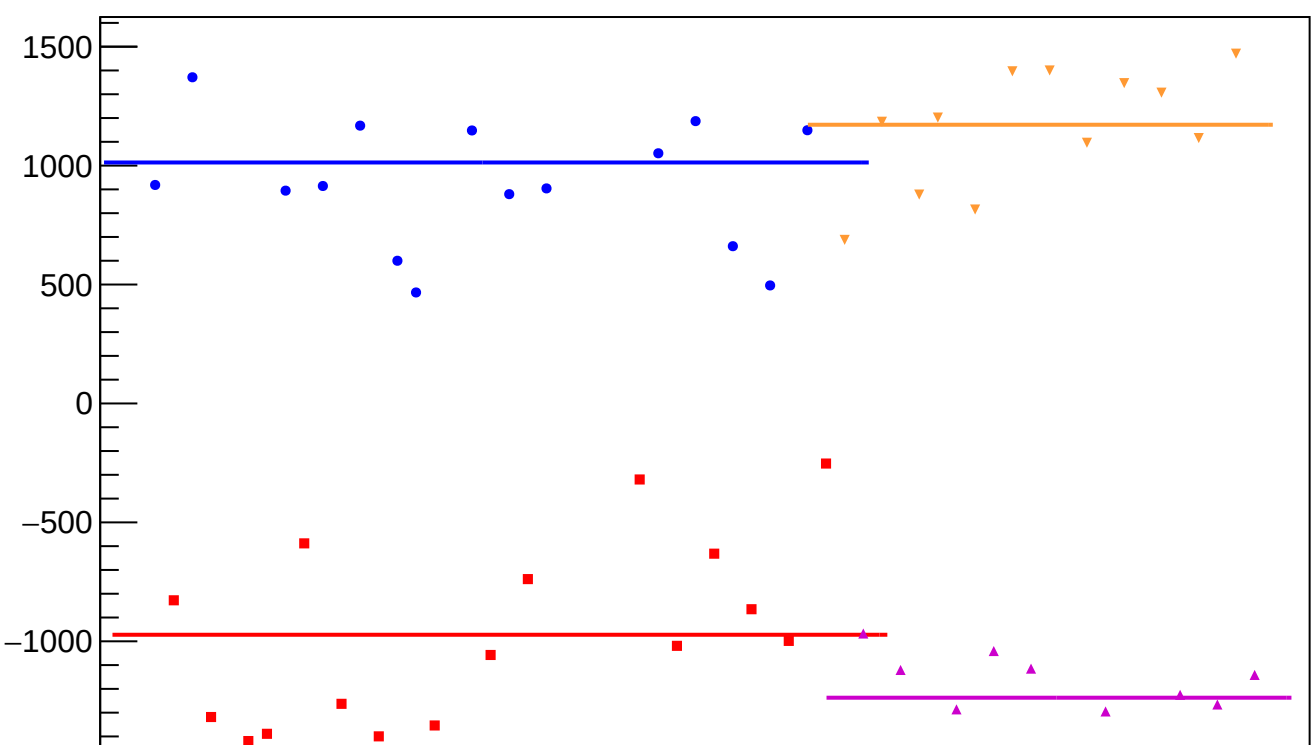
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

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

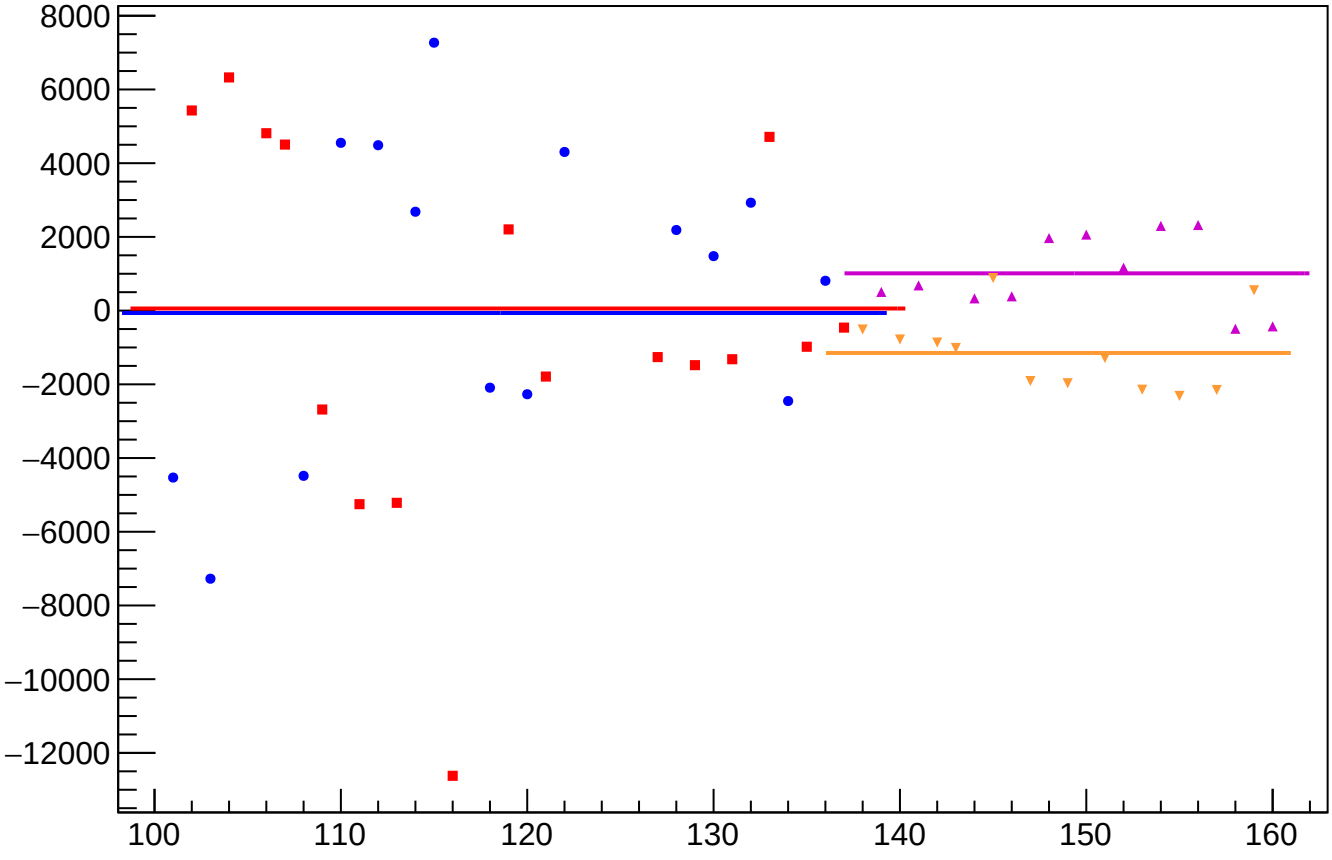
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

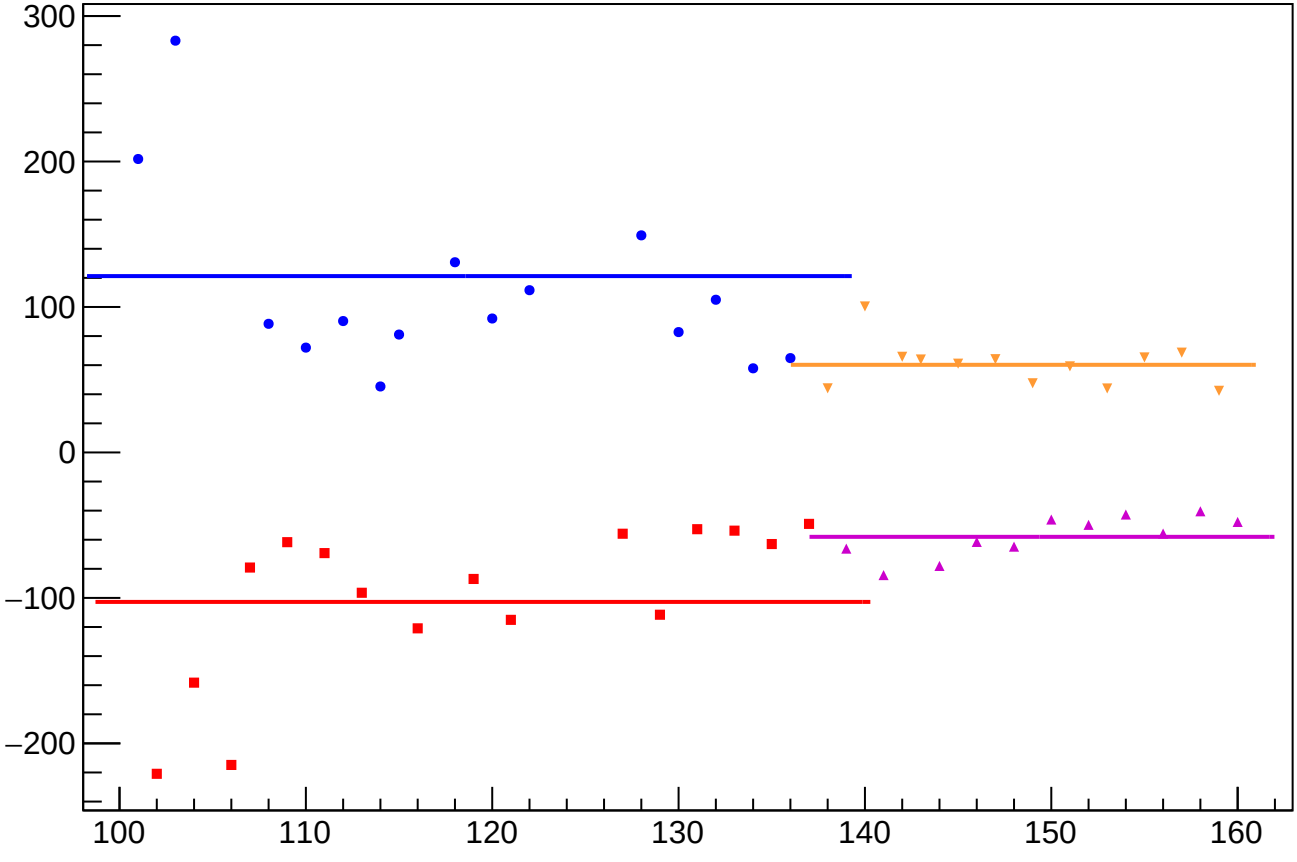
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam5_coil6_mean vs Slug, Sign Corrected



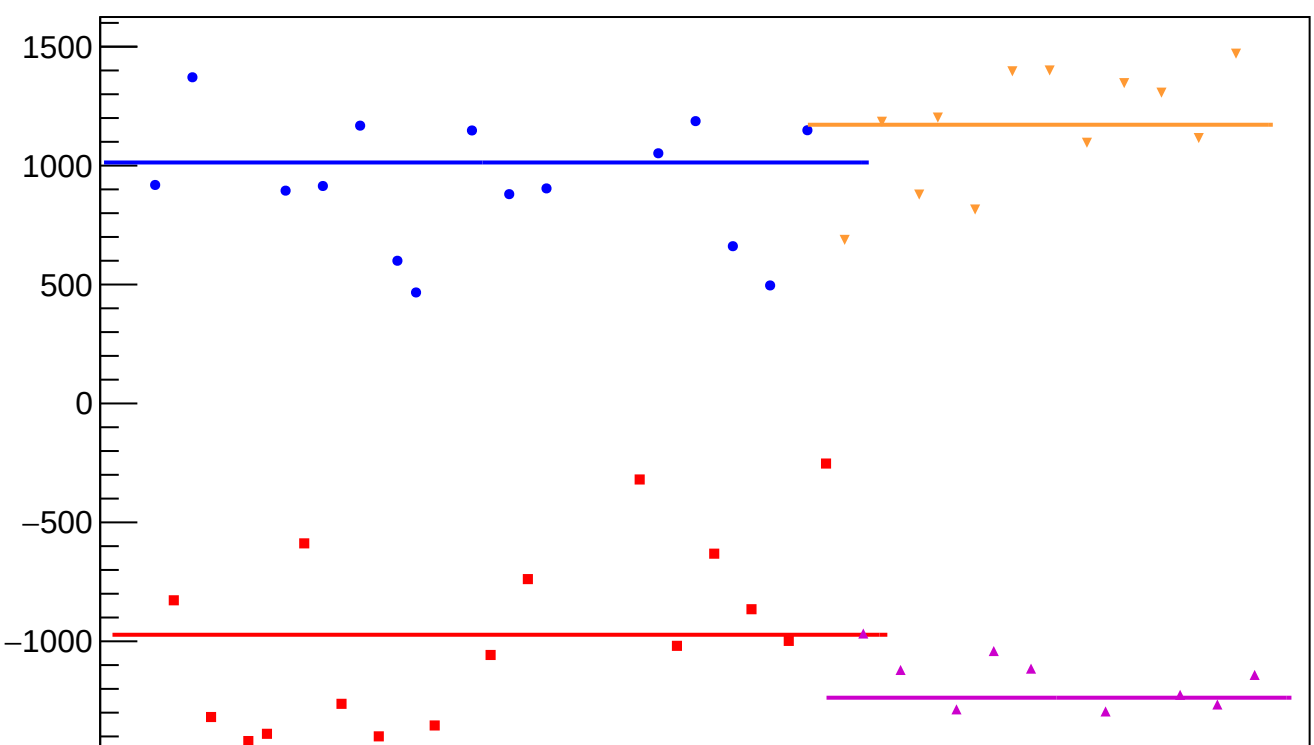
Left: -62.999+/-0.000 χ^2/NDF: 4025709858577995
Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
In: 567.326+/-0.000 χ^2/NDF:1095954142307667
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



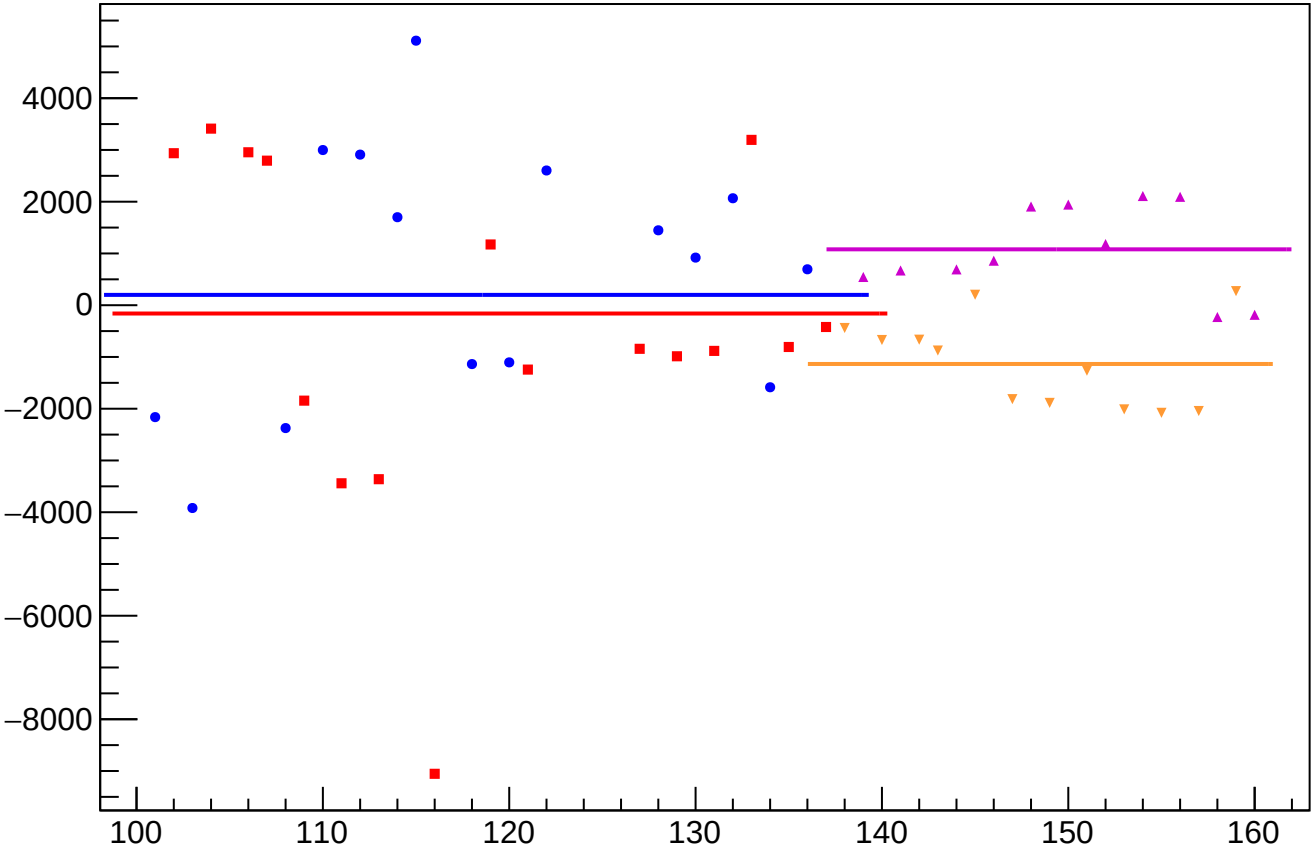
Left: 0.793+/-0.000 χ^2/NDF: 68275380749844430
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.239+/-0.000 χ^2/NDF:225102554491032869548797845500329984.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right 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

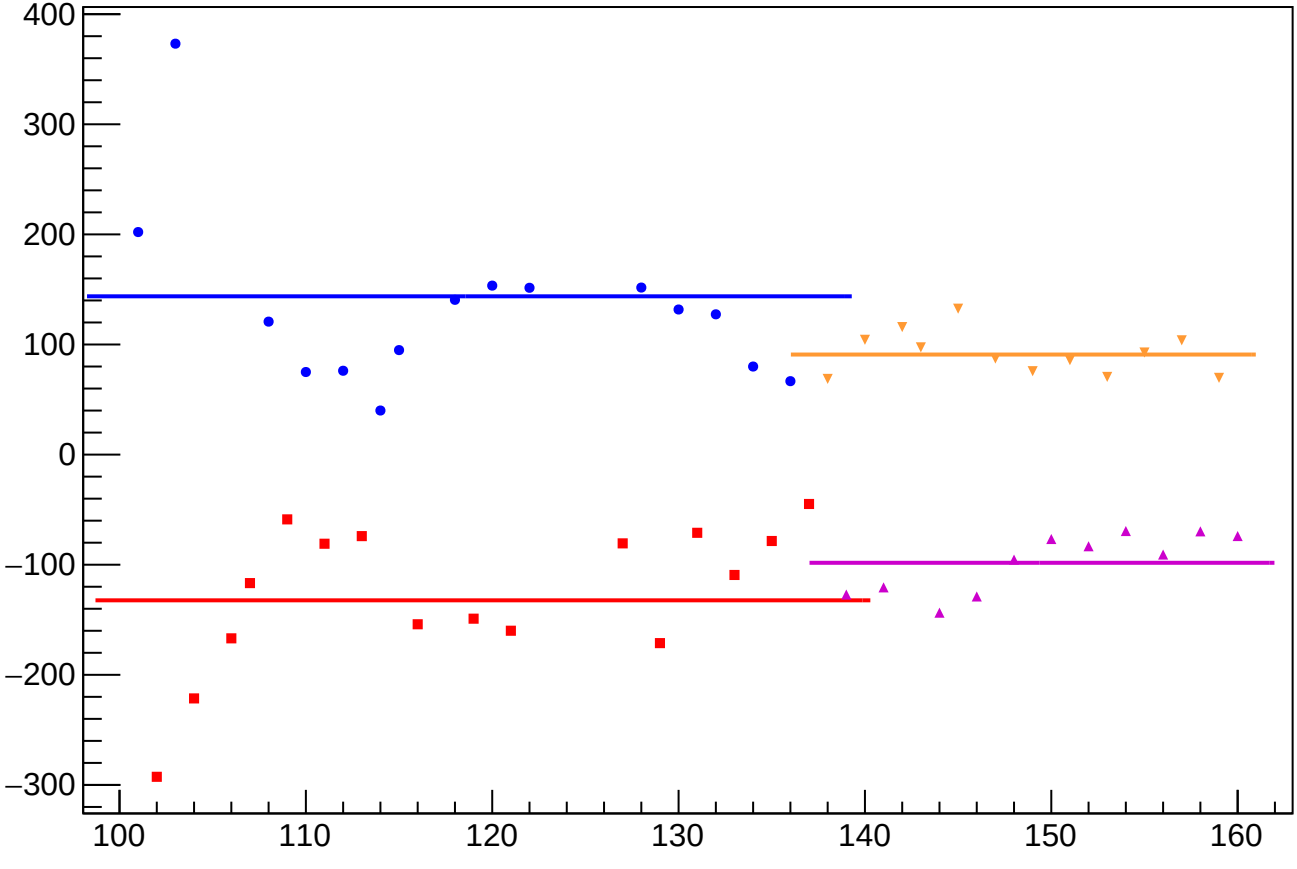
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

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

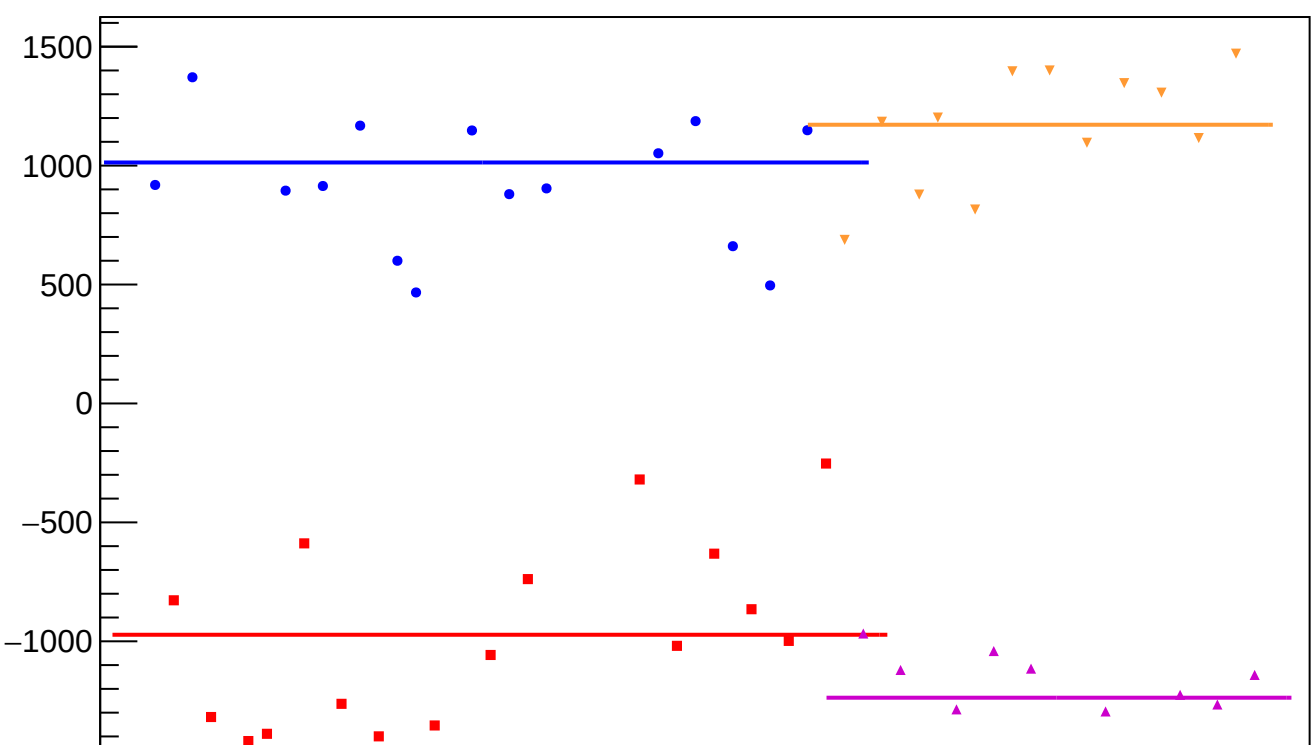
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

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

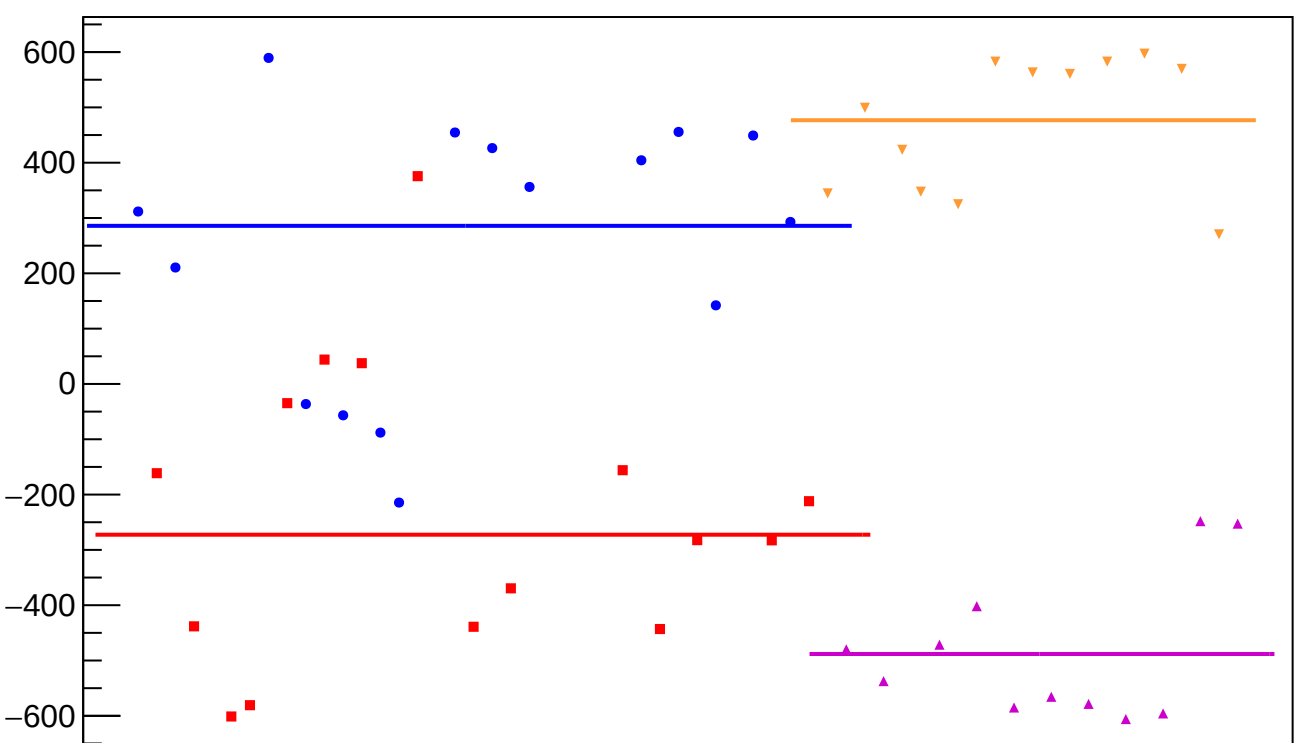
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

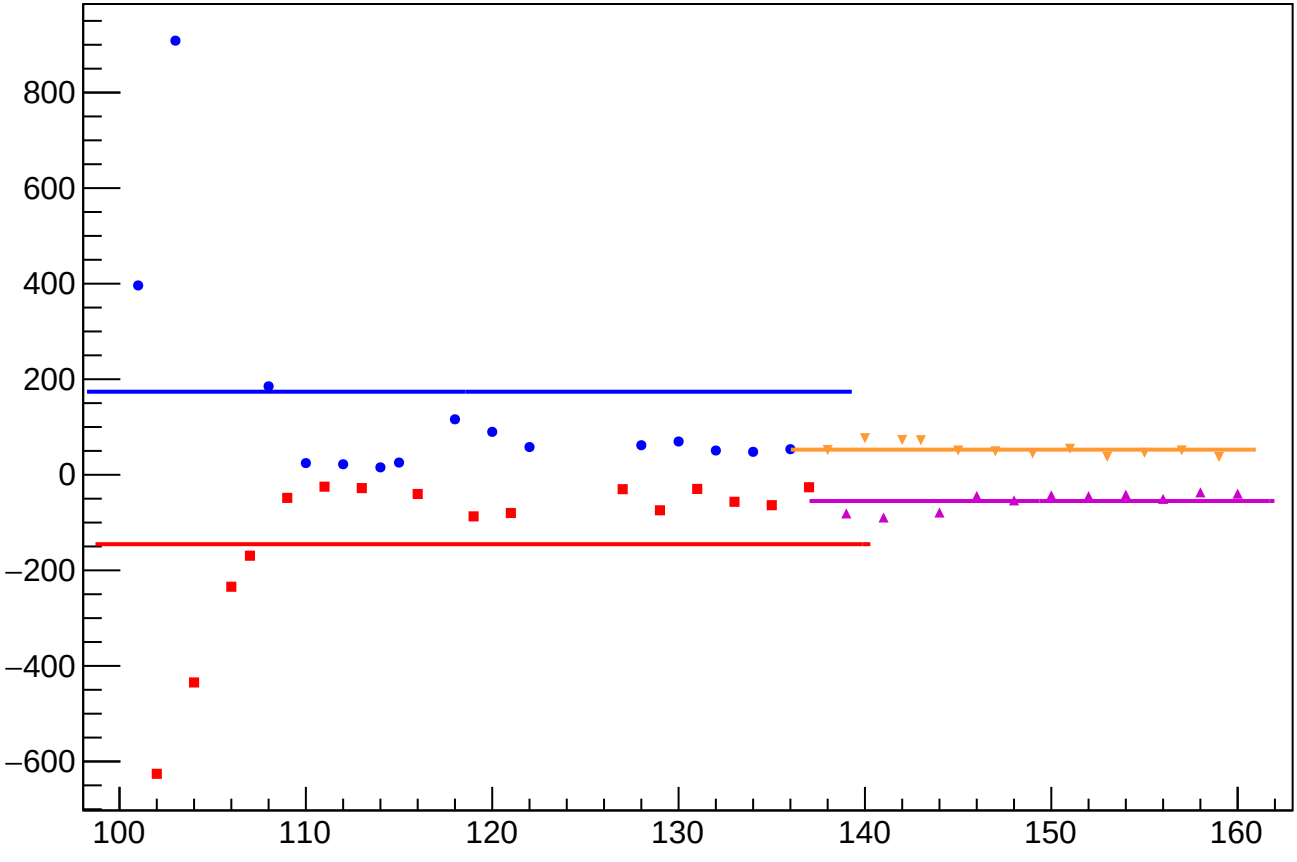
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

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

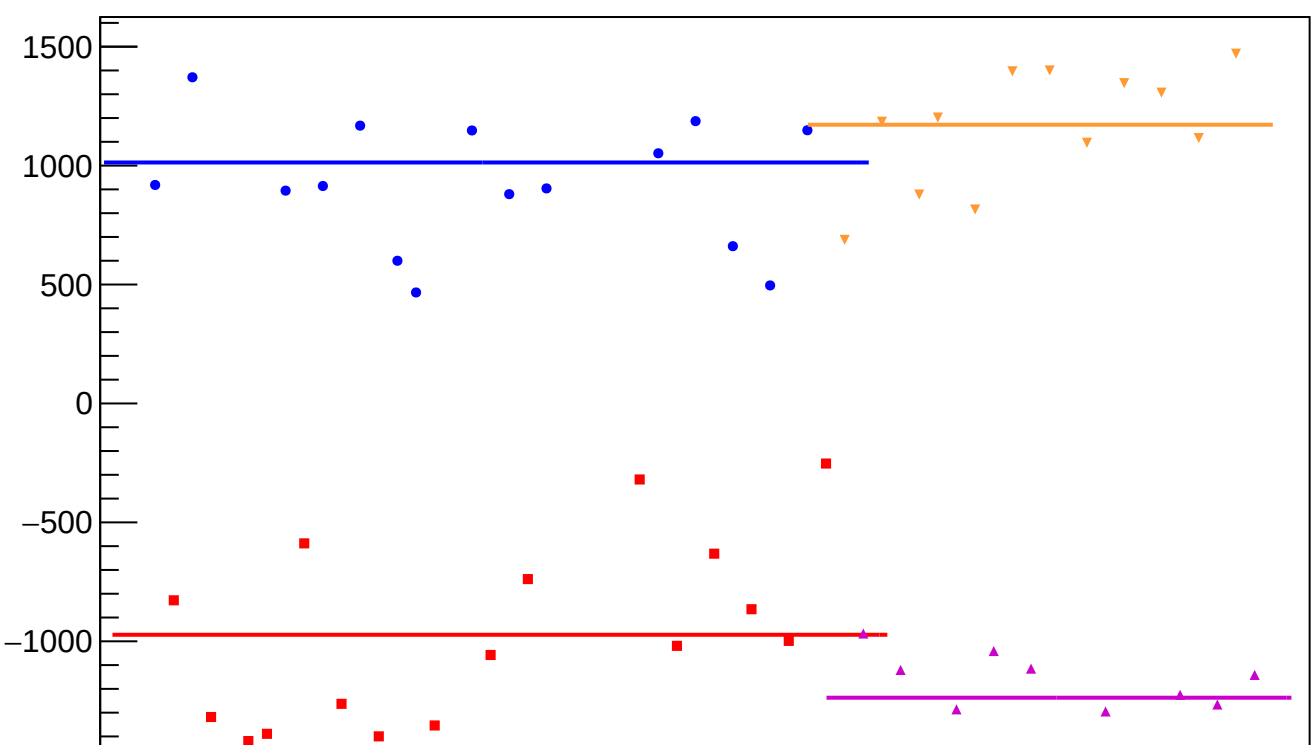
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

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

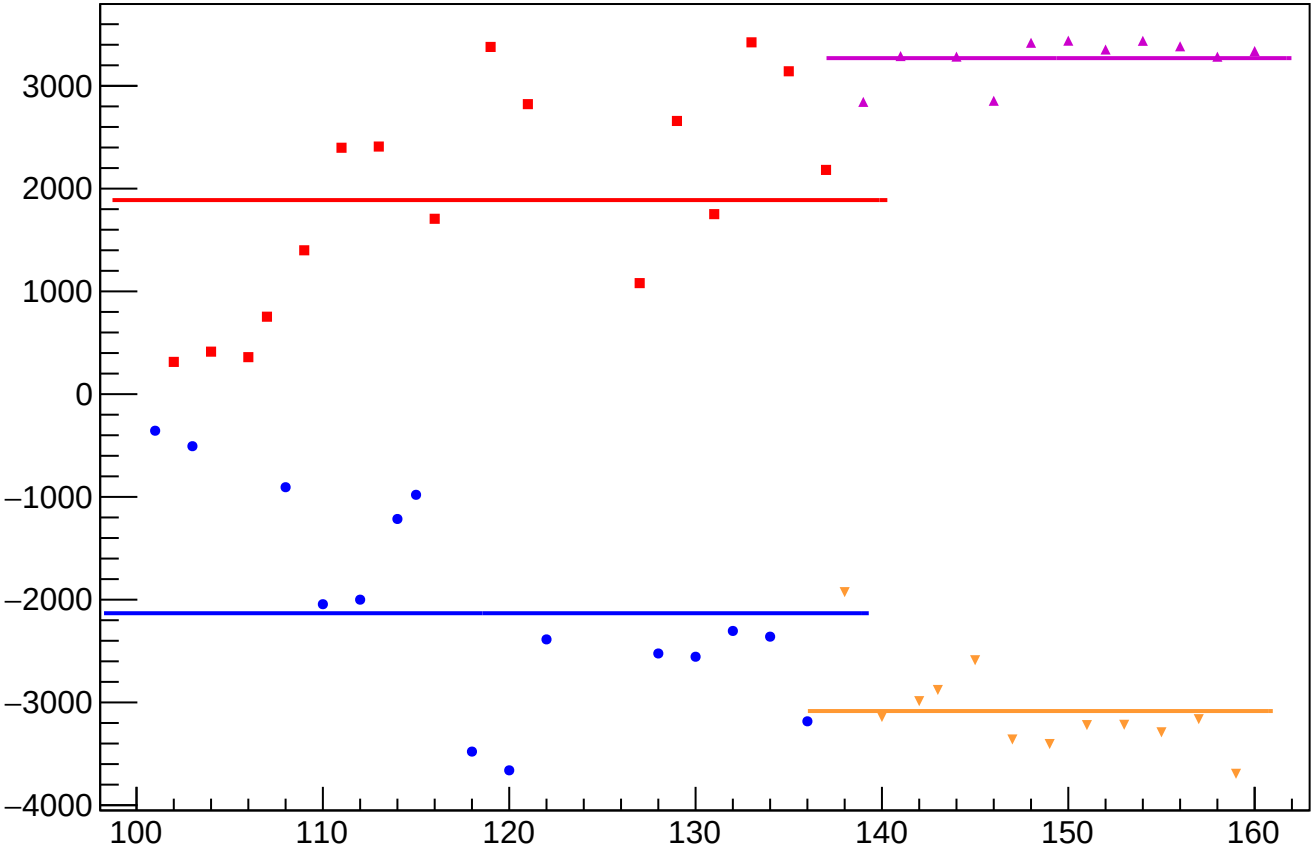
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

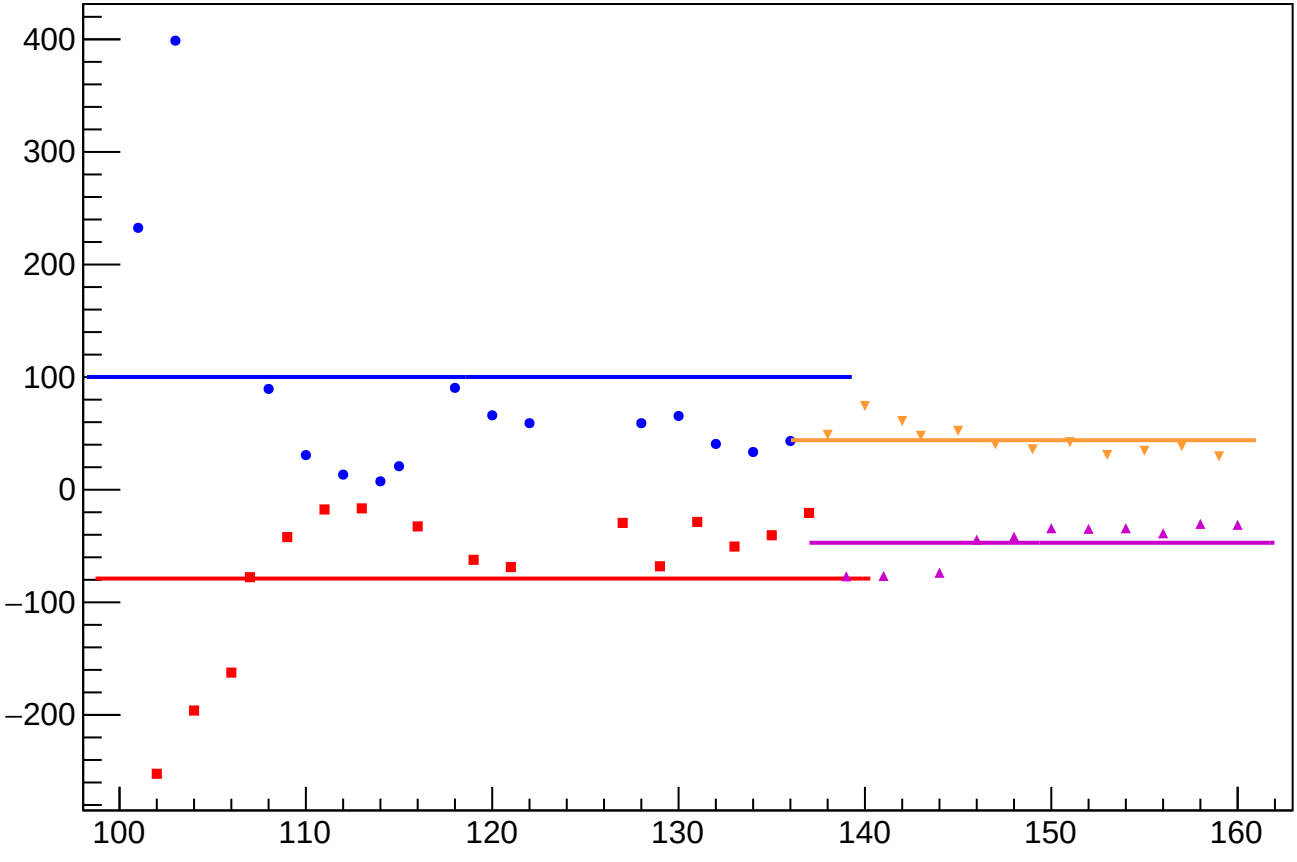
All: -20.037+/-0.000 χ^2/NDF: 415830099668

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

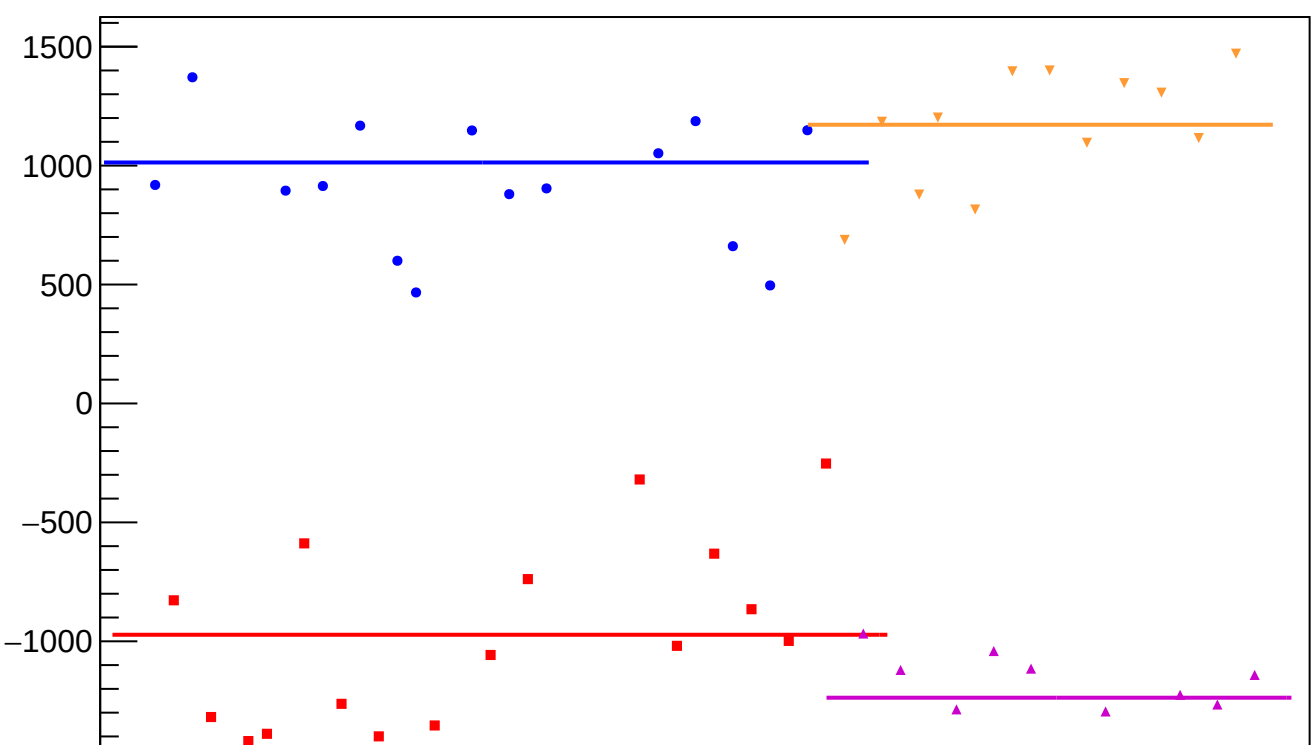
Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -7.845+/-0.000 χ^2/NDF:94911269536078839

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

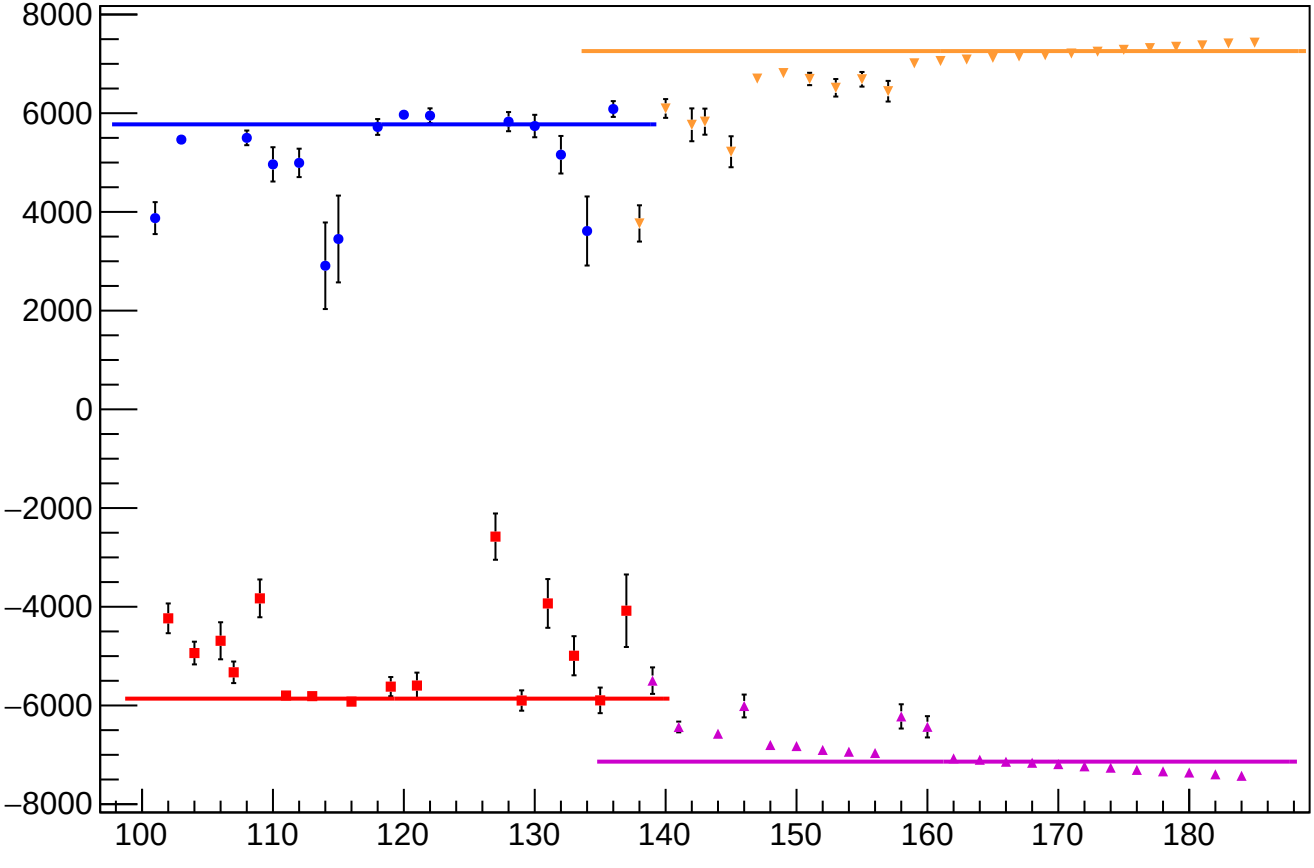
All: 2.876+/-0.000 χ^2/NDF: 2623551568947 9

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

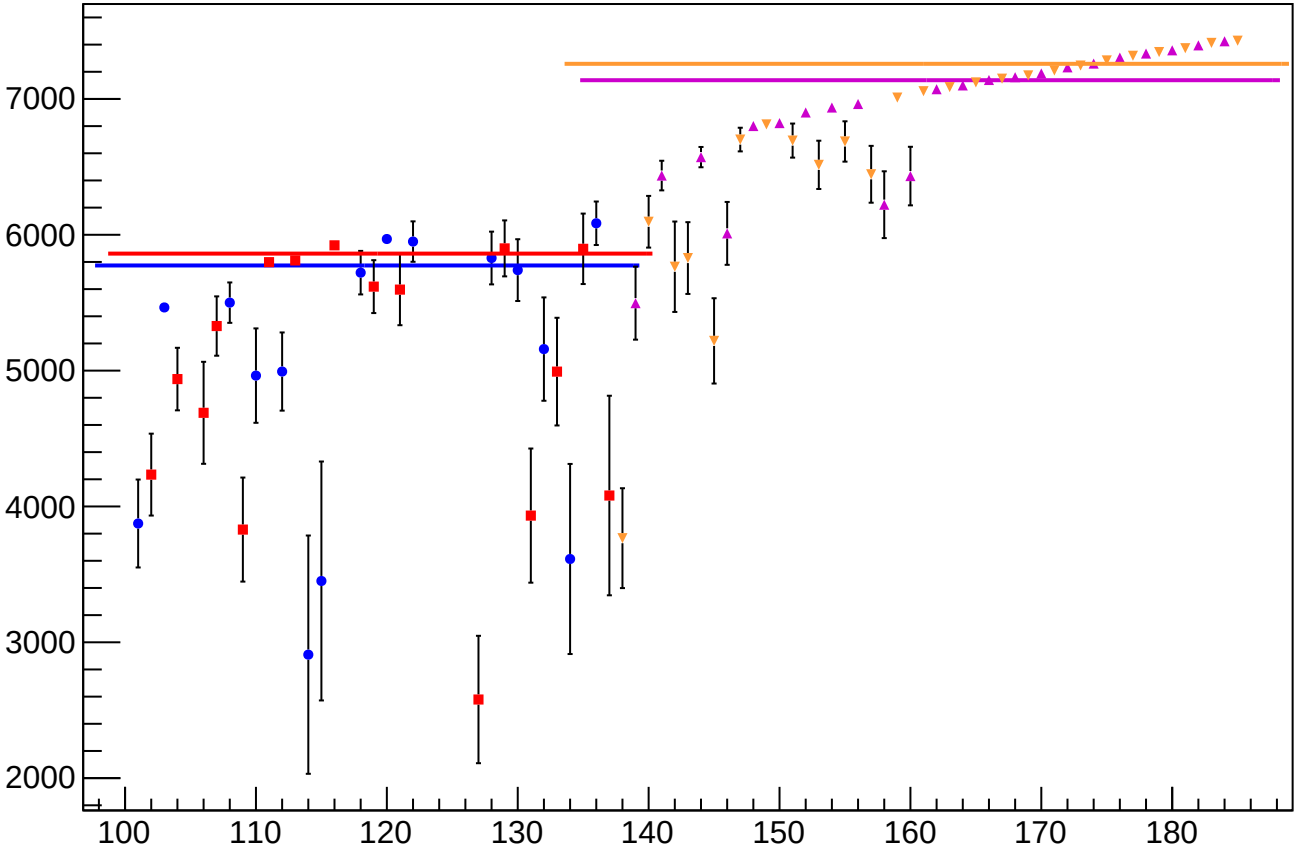
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

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

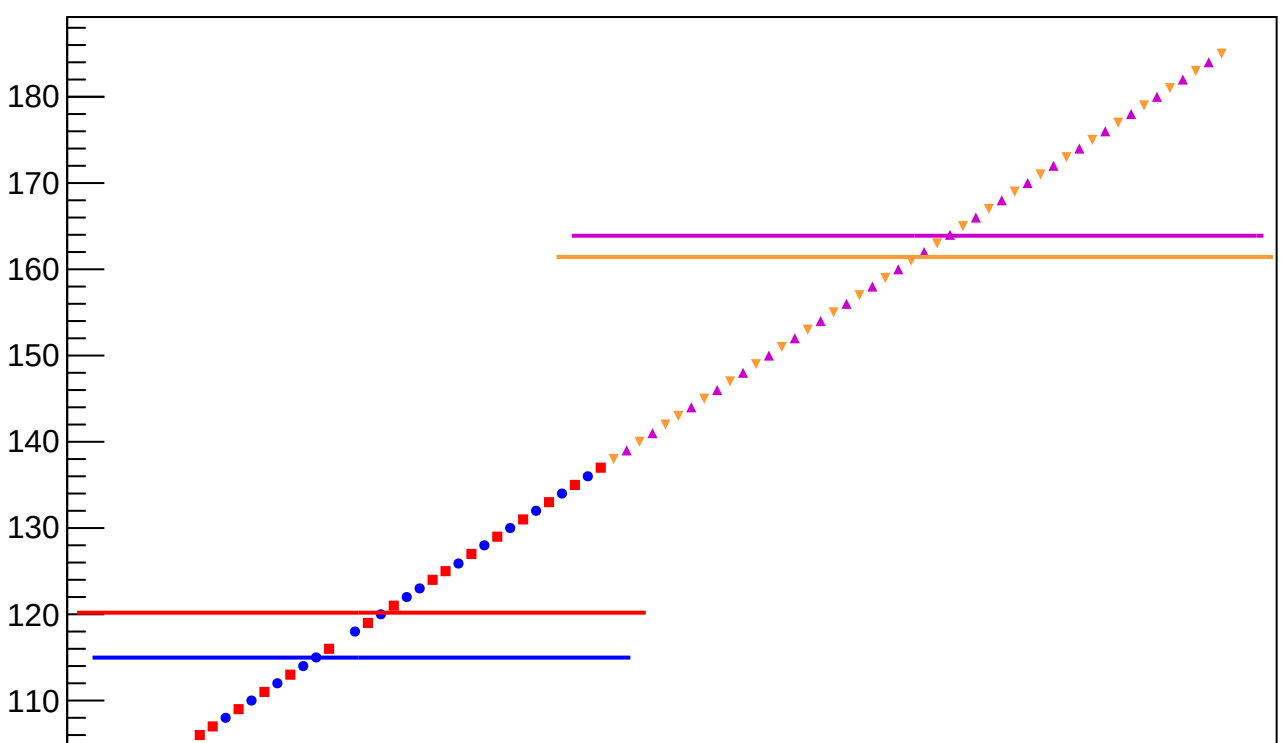
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

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: 117.096+/-0.000 χ^2/NDF: 180832885295768

Left Out: 161.437+/-0.000 χ^2/NDF:1443514150867720869199862059499 52.0/24

In: 138.150+/-0.000 χ^2/NDF:19909207355439177

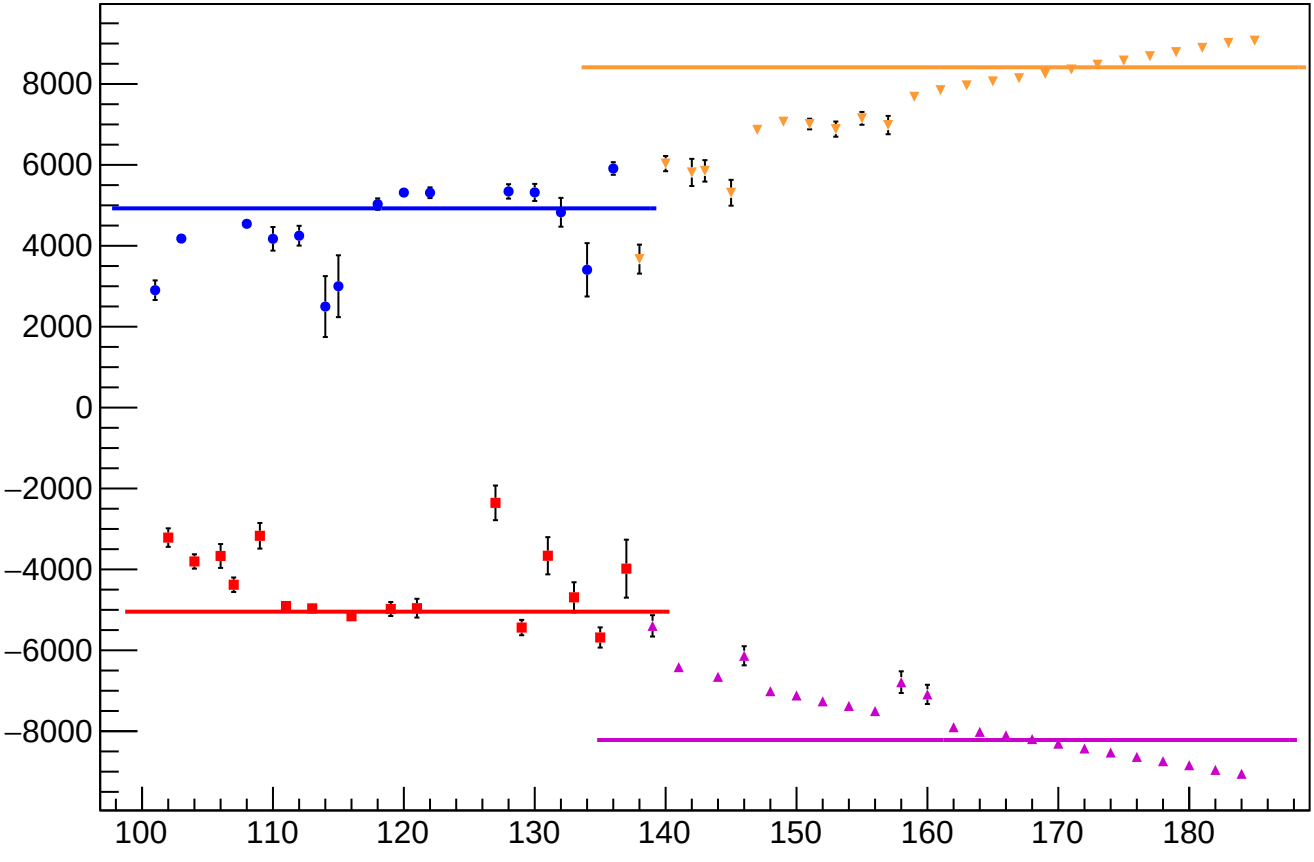
Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Out: 140.465+/-0.000 χ^2/NDF:104159193076998 8

Left In: 163.890+/-0.000 χ^2/NDF:20630892609006918370936038726041 6.0/22

All: 139.110+/-0.000 χ^2/NDF: 30387430742 4

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

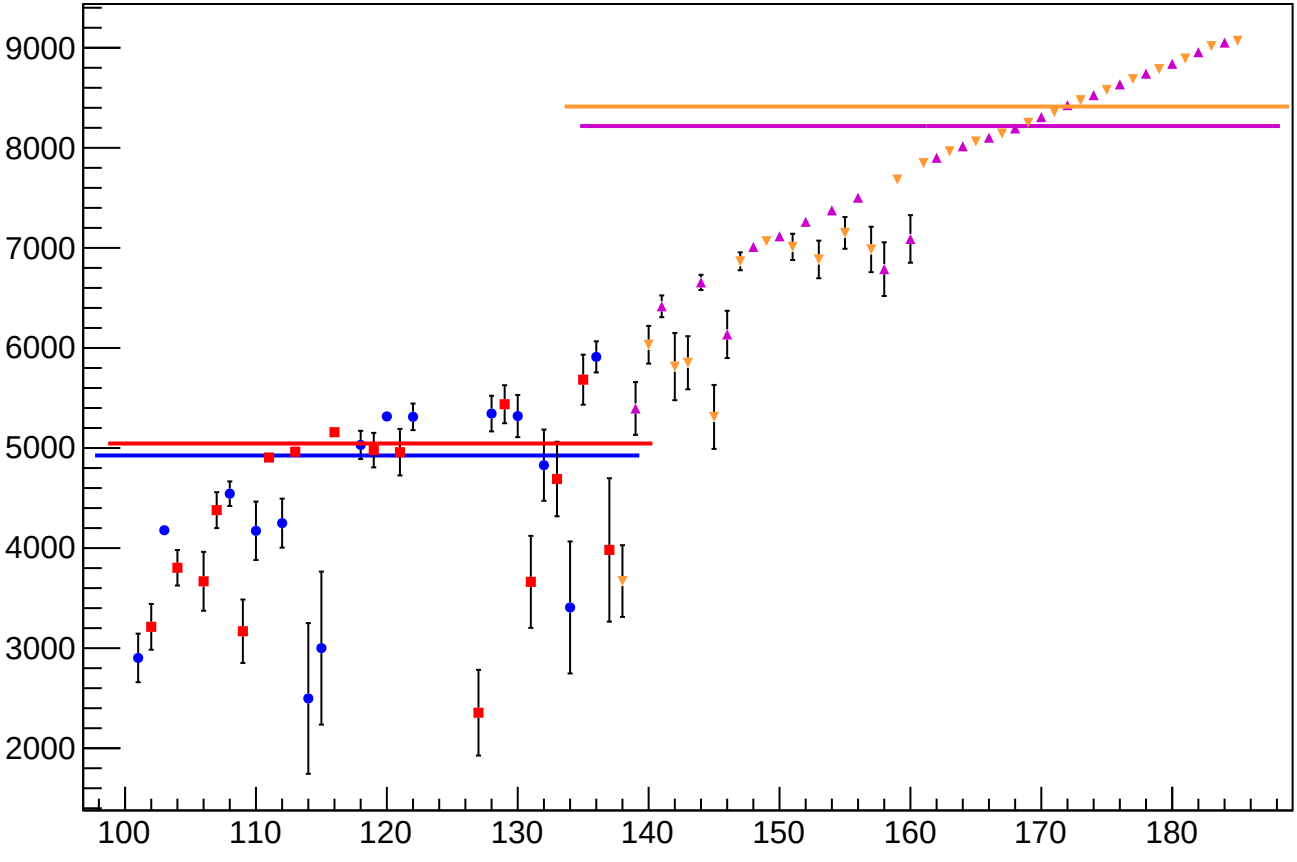
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

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

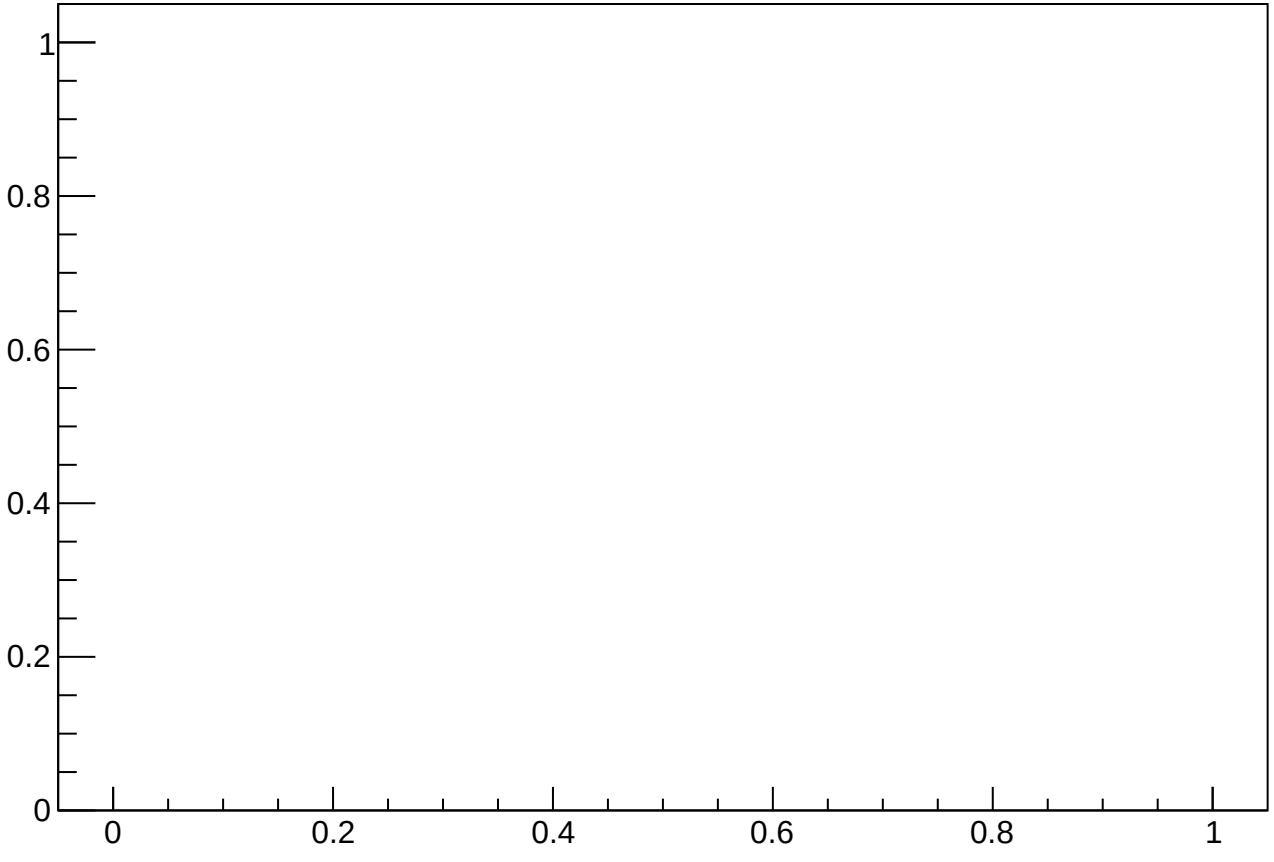
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

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

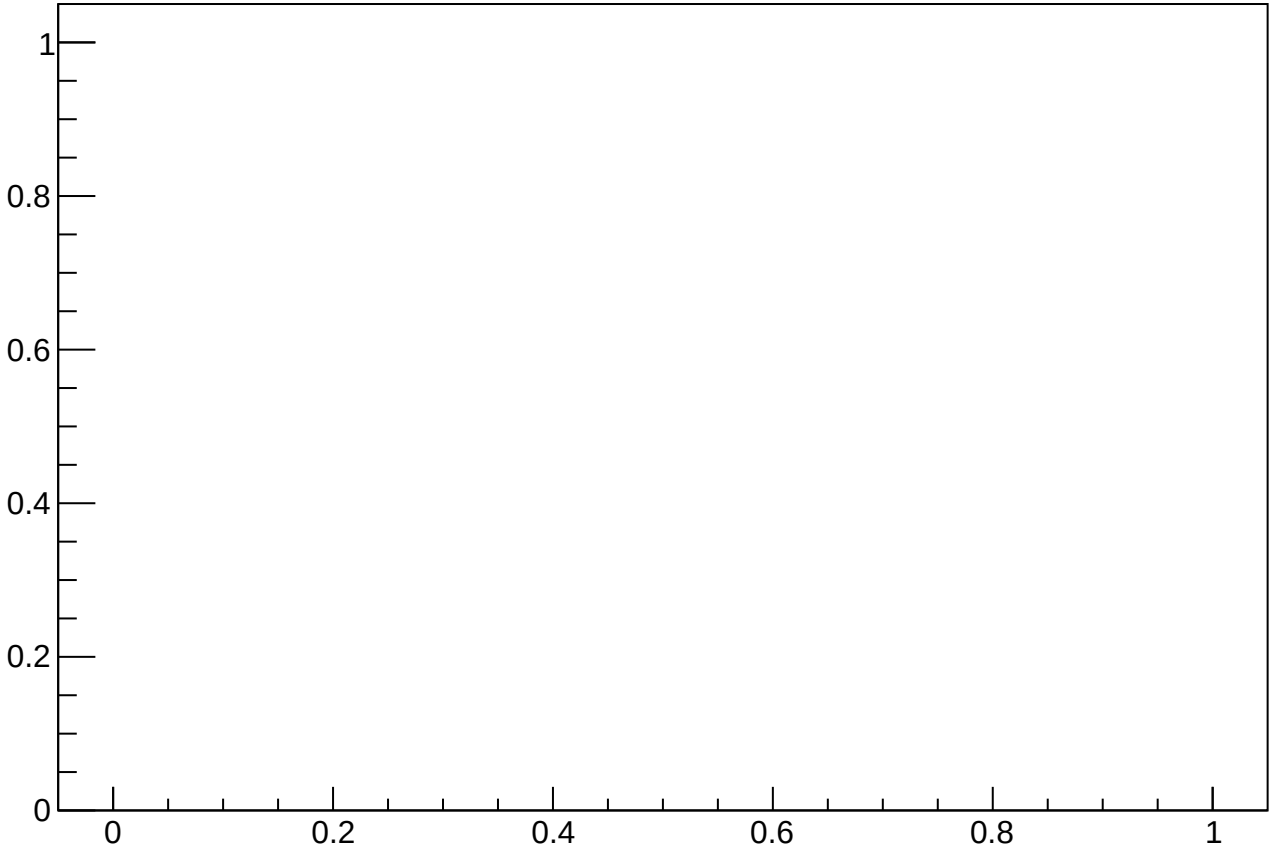
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

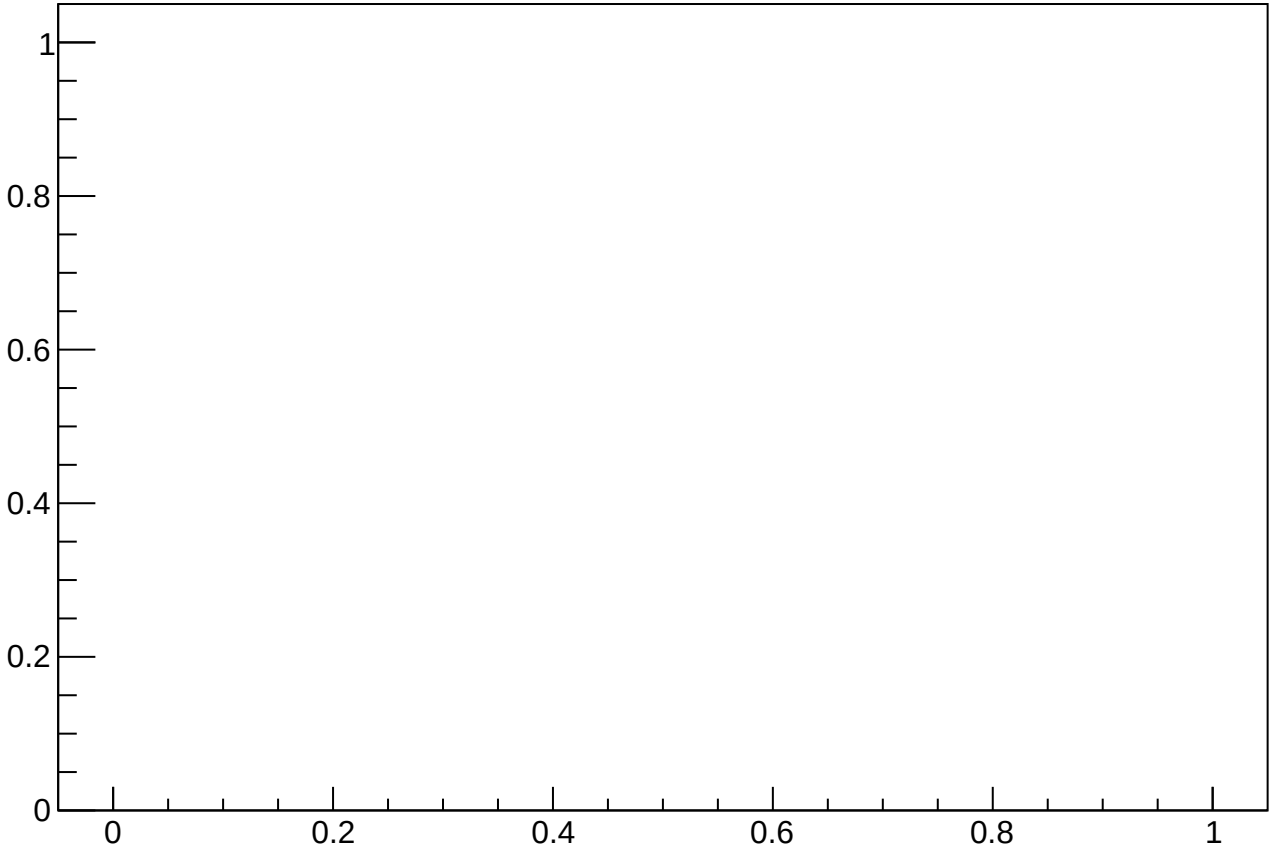
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

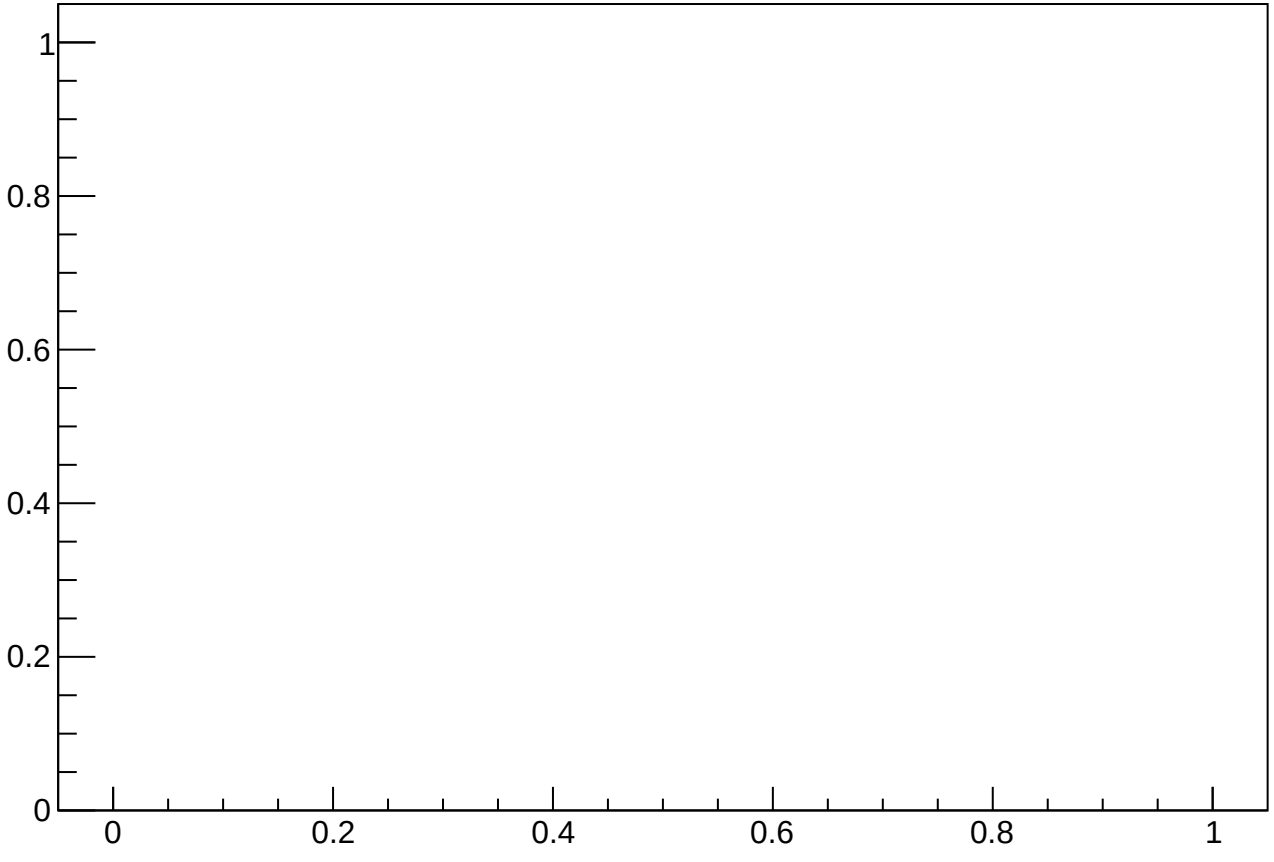
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

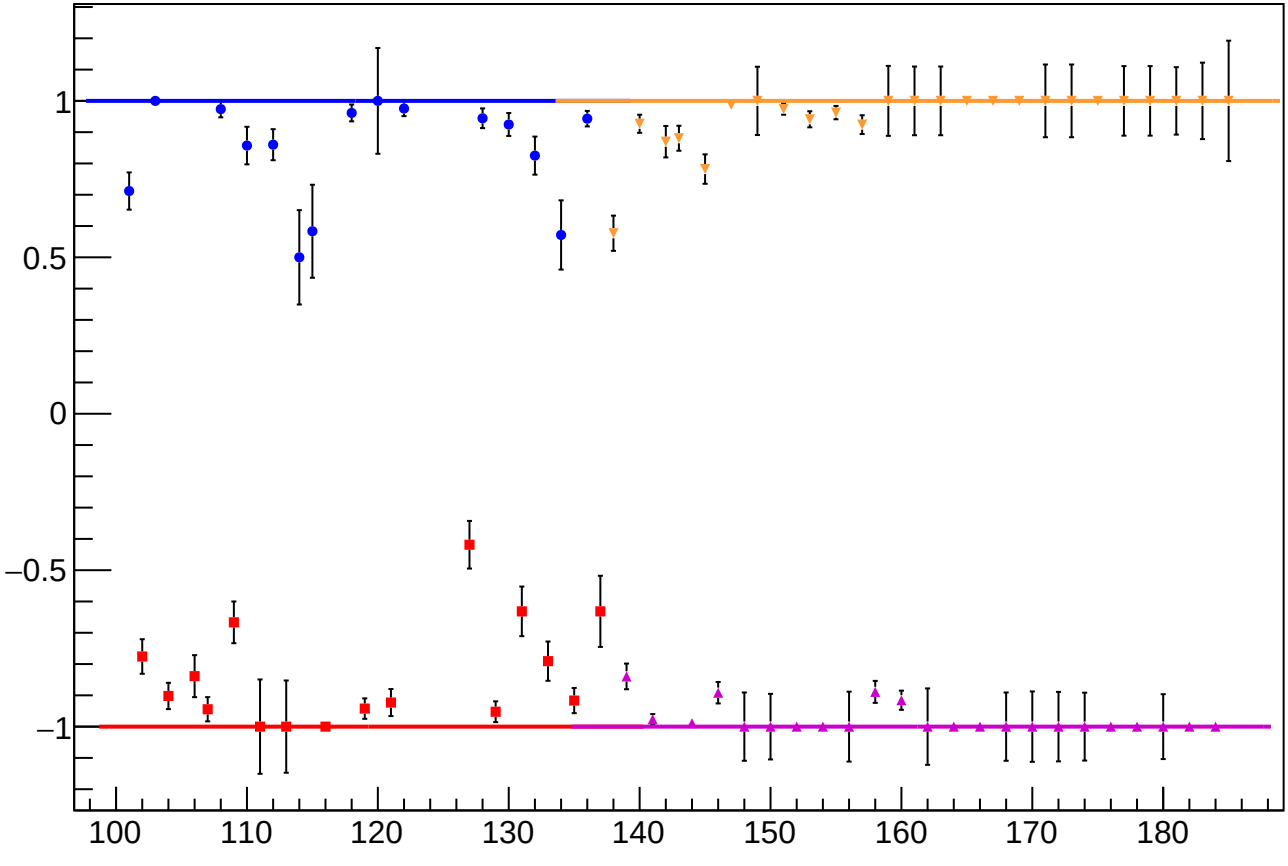
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

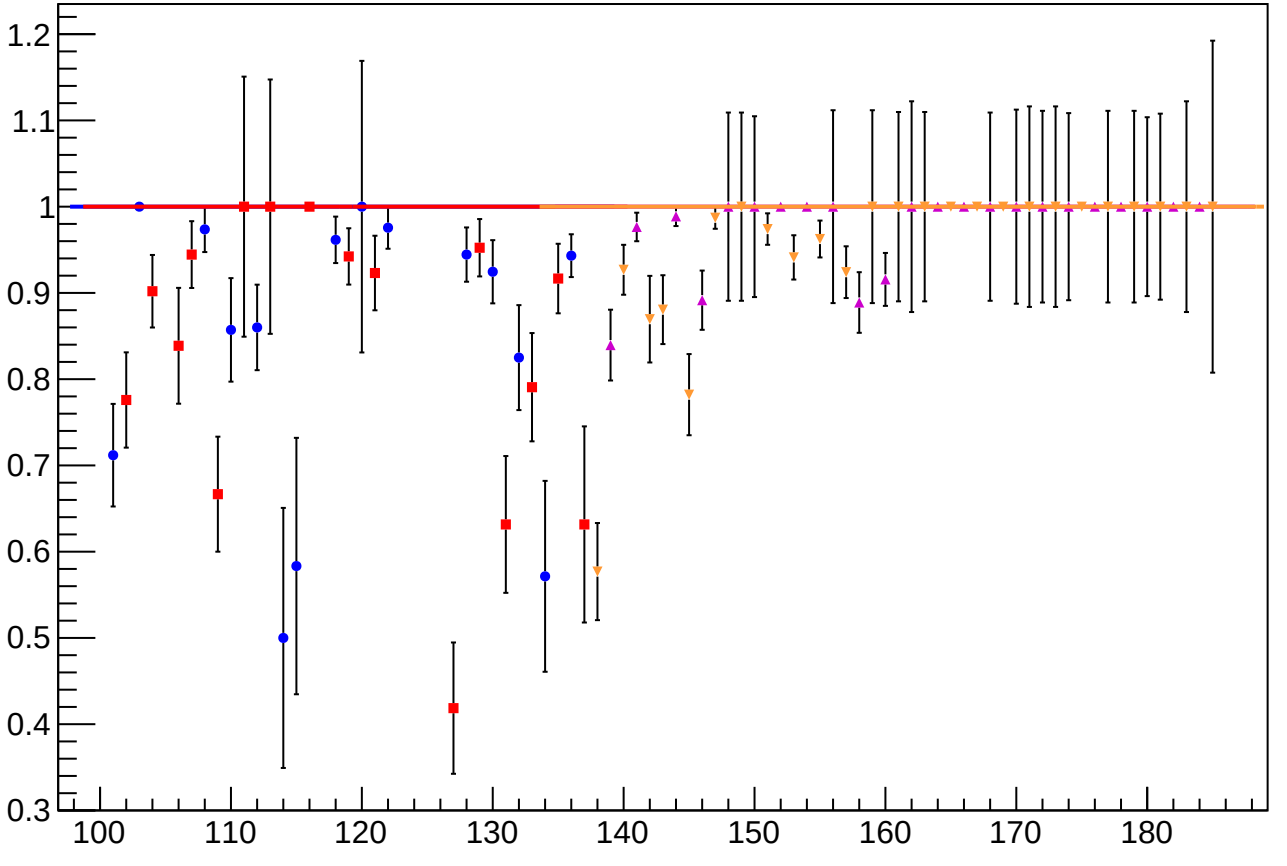
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

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

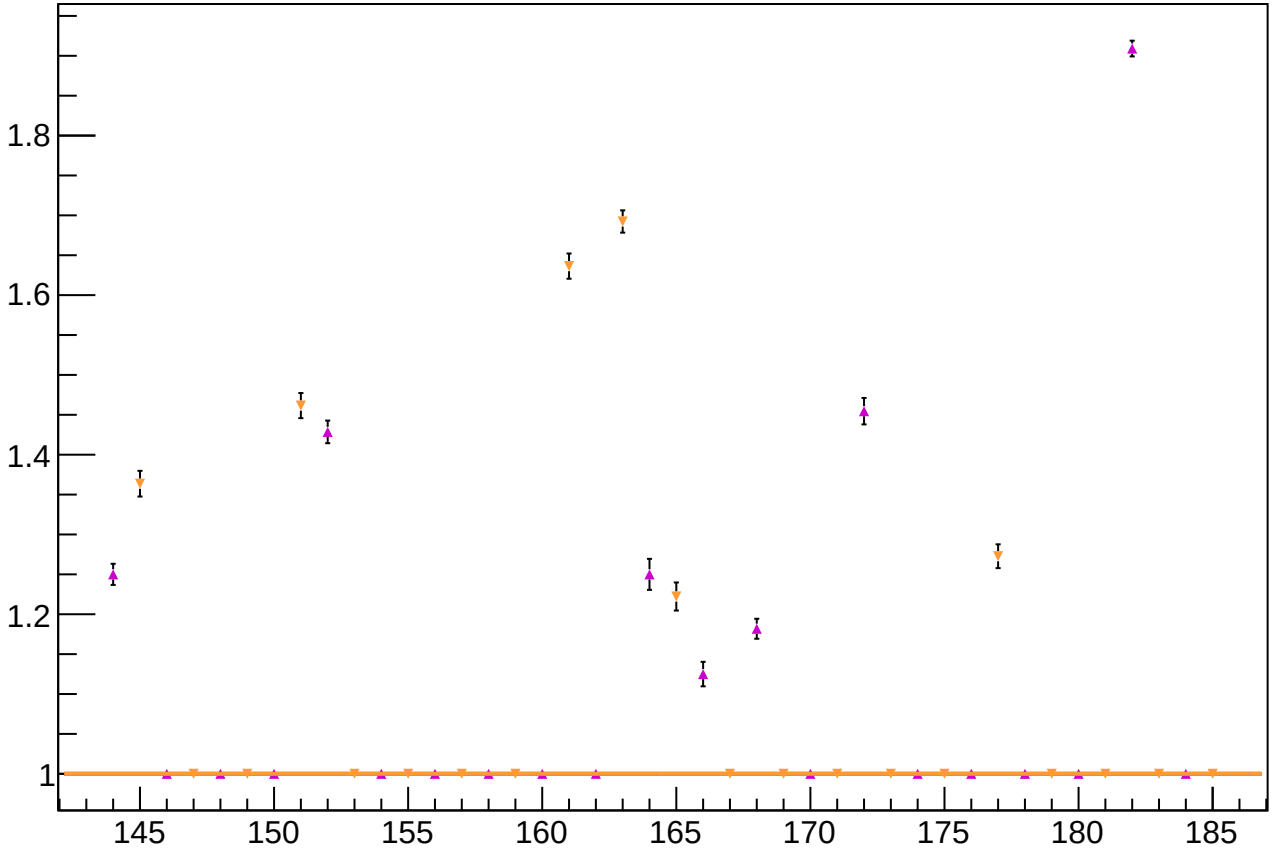
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

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: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1.000+/-0.000 χ^2/NDF:18616.2/20

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1.000+/-0.000 χ^2/NDF:12089.0/20

Left: 1.000+/-0.000 χ^2/NDF: 19113.7/41

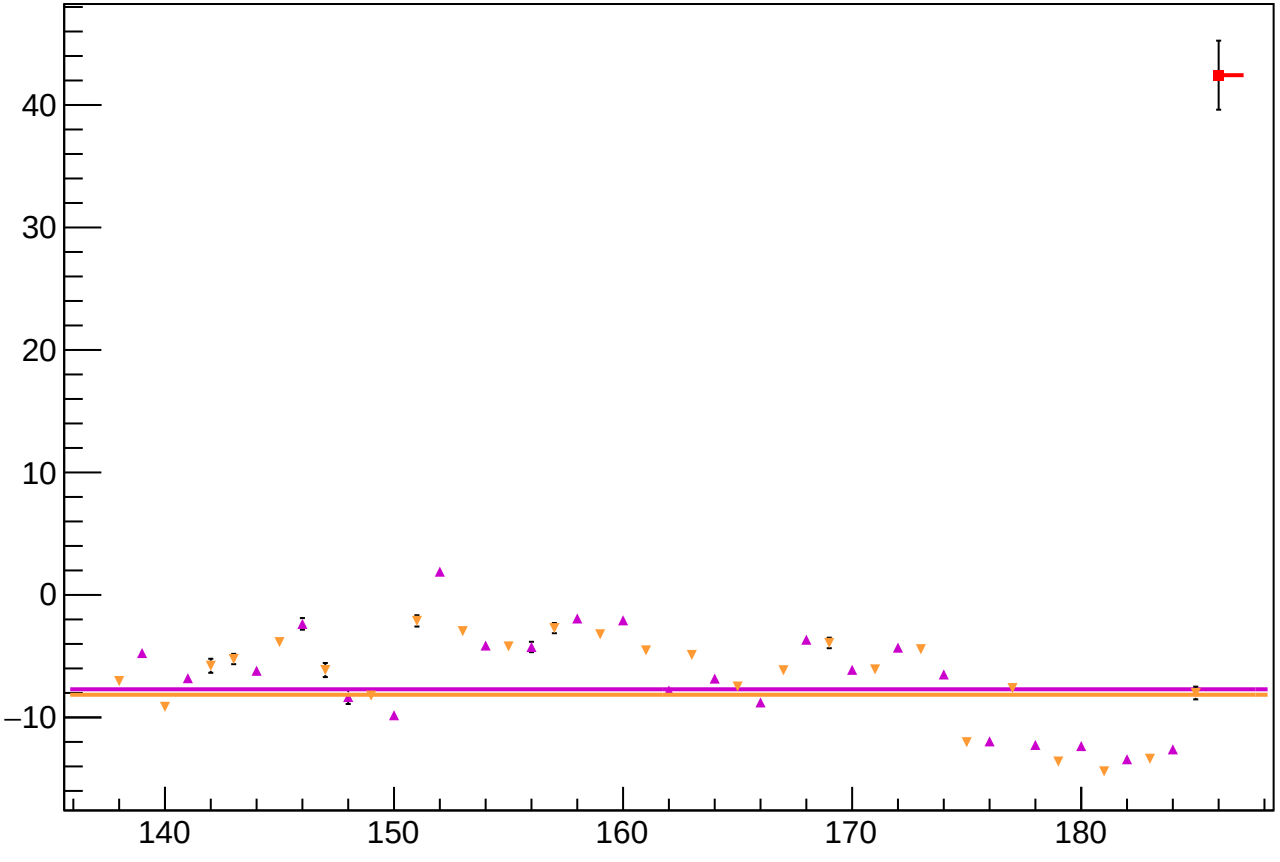
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.000+/-0.000 χ^2/NDF:12089.0/20

Out: 1.000+/-0.000 χ^2/NDF:18616.2/20

All: 1.000+/-0.000 χ^2/NDF: 19113.7/41

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -8.149+/-0.068 χ^2/NDF:3613.1/24

Right Out: 42.434+/-2.817 χ^2/NDF: 0.0/0

Left In: -7.701+/-0.068 χ^2/NDF:3737.2/22

Left: -7.928+/-0.048 χ^2/NDF: 7372.0/47

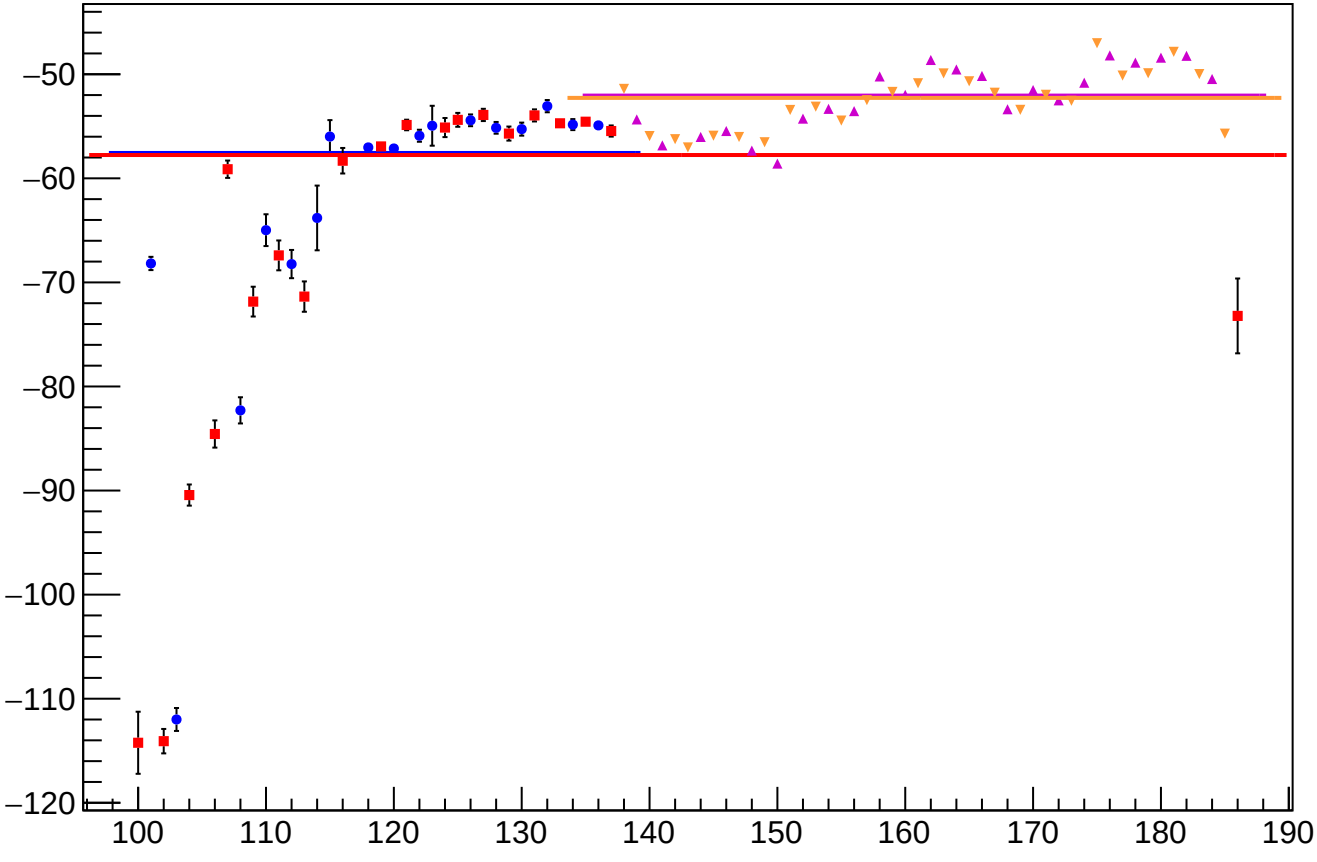
Right: 42.434+/-2.817 χ^2/NDF: 0.0/0

In: -7.701+/-0.068 χ^2/NDF:3737.2/22

Out: -8.120+/-0.068 χ^2/NDF:3935.2/25

All: -7.914+/-0.048 χ^2/NDF: 7691.4/48

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -52.271+/-0.055 χ^2/NDF:2609.6/24

Right Out: -57.760+/-0.143 χ^2/NDF: 4717.0/19

Left In: -52.050+/-0.057 χ^2/NDF:3197.5/22

Left: -52.164+/-0.040 χ^2/NDF: 5814.9/47

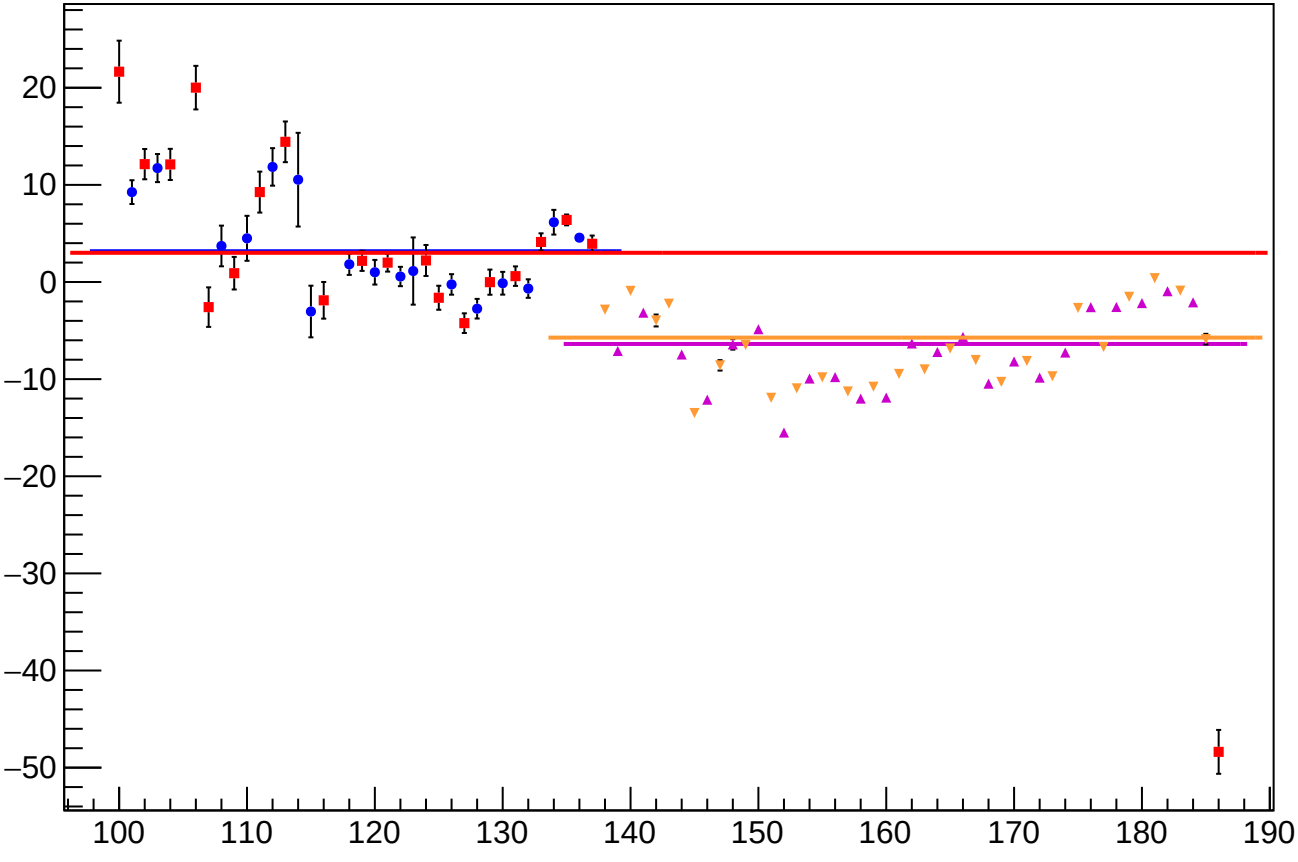
Right: -57.661+/-0.101 χ^2/NDF: 8173.8/36

In: -52.820+/-0.053 χ^2/NDF:7960.3/39

Out: -52.984+/-0.051 χ^2/NDF:8610.5/44

All: -52.904+/-0.037 χ^2/NDF: 16575.7/84

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -5.725+/-0.068 χ^2/NDF:3989.1/24

Right Out: 3.008+/-0.265 χ^2/NDF: 848.0/19

Left In: -6.379+/-0.068 χ^2/NDF:3395.7/22

Left: -6.049+/-0.048 χ^2/NDF: 7431.1/47

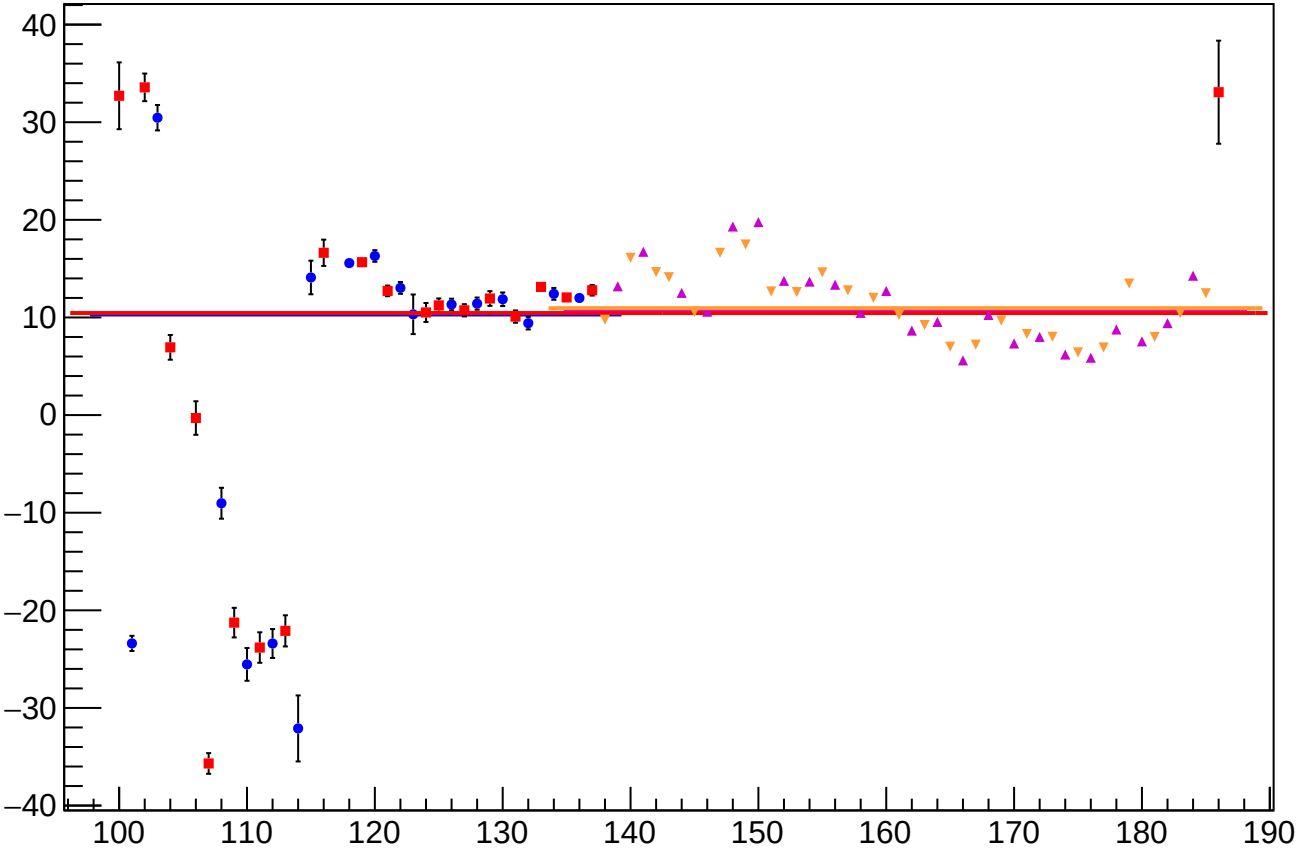
Right: 3.090+/-0.185 χ^2/NDF: 1034.4/36

In: -5.753+/-0.066 χ^2/NDF:4864.1/39

Out: -5.191+/-0.066 χ^2/NDF:5854.6/44

All: -5.470+/-0.047 χ^2/NDF: 10755.2/84

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 10.950+/-0.062 χ^2/NDF:2620.4/24

Right Out: 10.453+/-0.160 χ^2/NDF: 3846.8/19

Left In: 10.818+/-0.063 χ^2/NDF:3577.7/22

Left: 10.886+/-0.044 χ^2/NDF: 6200.3/47

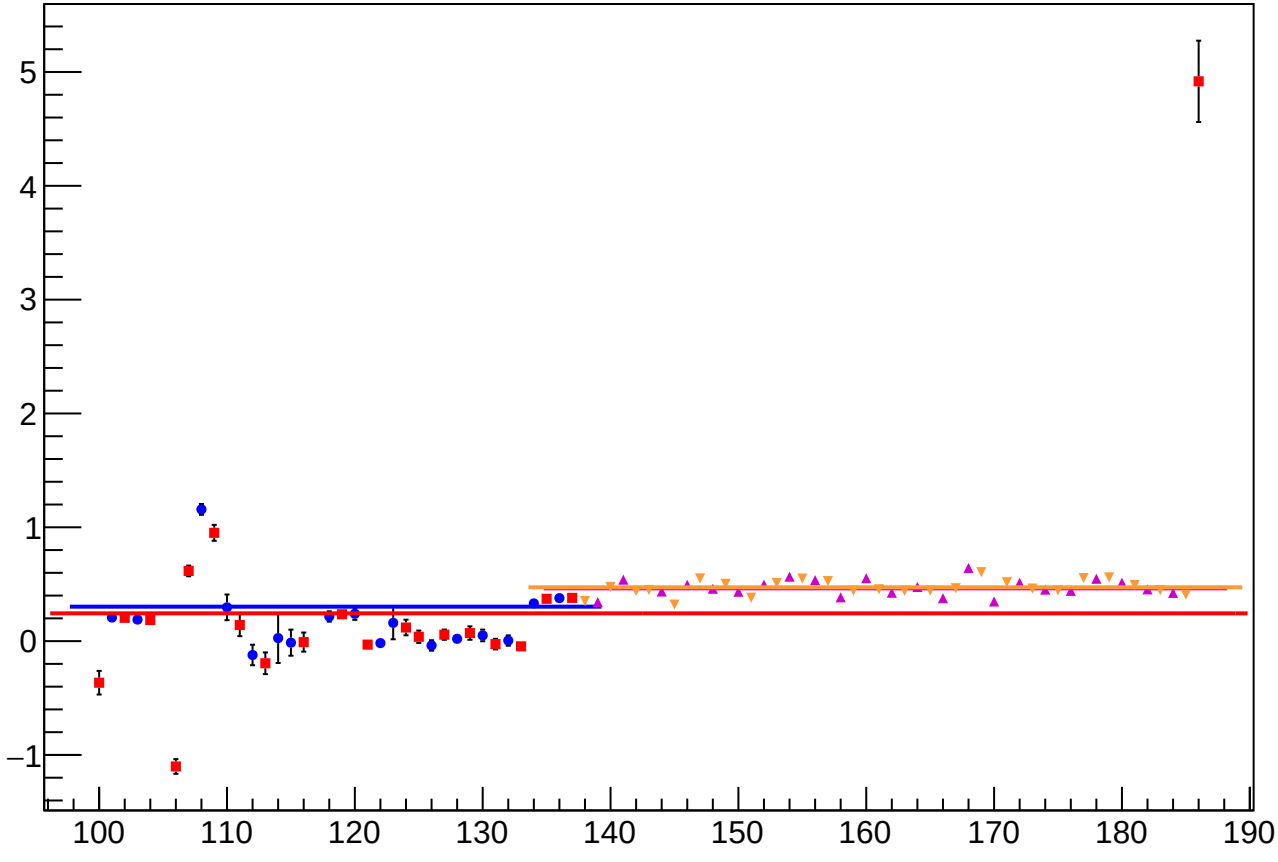
Right: 10.378+/-0.112 χ^2/NDF: 7559.6/36

In: 10.747+/-0.058 χ^2/NDF:7299.2/39

Out: 10.886+/-0.057 χ^2/NDF:6475.6/44

All: 10.818+/-0.041 χ^2/NDF: 13777.7/84

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.473+/-0.003 χ^2/NDF:515.0/24

Right Out: 0.244+/-0.008 χ^2/NDF: 1158.0/19

Left In: 0.463+/-0.003 χ^2/NDF:749.9/22

Left: 0.468+/-0.002 χ^2/NDF: 1270.7/47

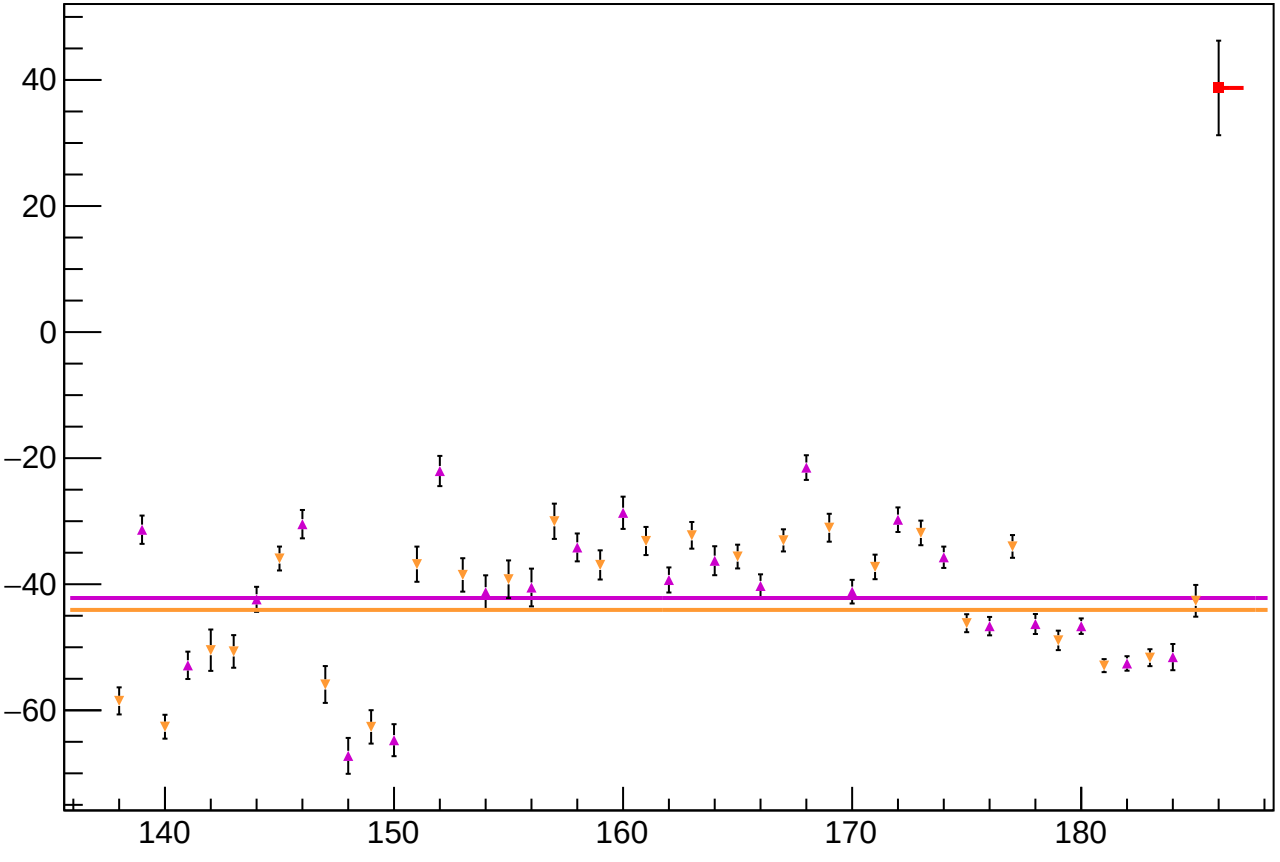
Right: 0.274+/-0.006 χ^2/NDF: 1829.3/36

In: 0.447+/-0.003 χ^2/NDF:1741.7/39

Out: 0.451+/-0.003 χ^2/NDF:2329.7/44

All: 0.449+/-0.002 χ^2/NDF: 4072.5/84

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -44.074+/-0.389 χ^2/NDF:632.8/24

Right Out: 38.733+/-7.499 χ^2/NDF: 0.0/0

Left In: -42.185+/-0.398 χ^2/NDF:651.0/22

Left: -43.149+/-0.278 χ^2/NDF: 1295.4/47

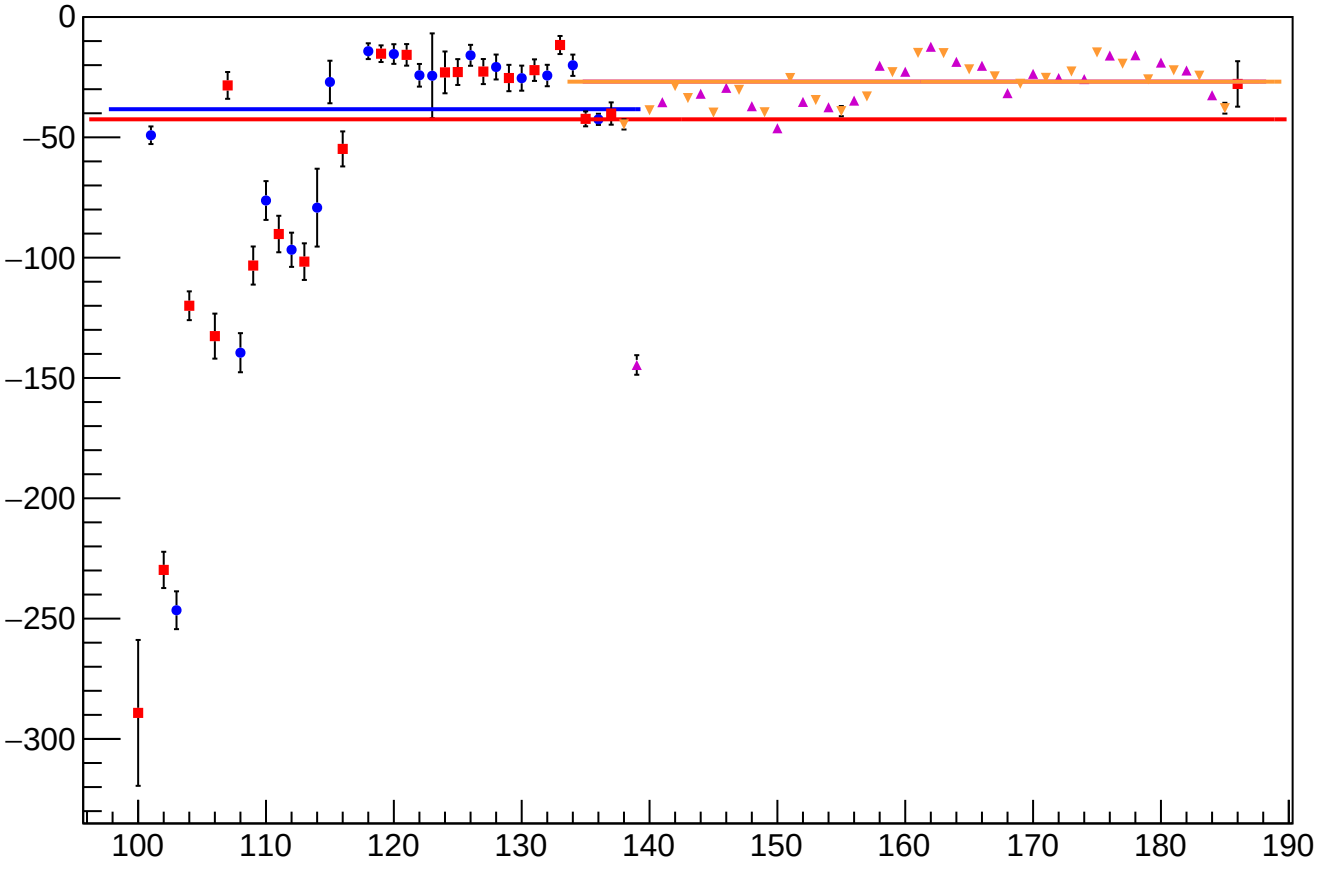
Right: 38.733+/-7.499 χ^2/NDF: 0.0/0

In: -42.185+/-0.398 χ^2/NDF:651.0/22

Out: -43.851+/-0.389 χ^2/NDF:754.4/25

All: -43.037+/-0.278 χ^2/NDF: 1414.5/48

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -26.867+/-0.317 χ^2/NDF:629.1/24

Right Out: -42.514+/-1.201 χ^2/NDF: 1344.0/19

Left In: -26.825+/-0.325 χ^2/NDF:1481.6/22

Left: -26.847+/-0.227 χ^2/NDF: 2110.7/47

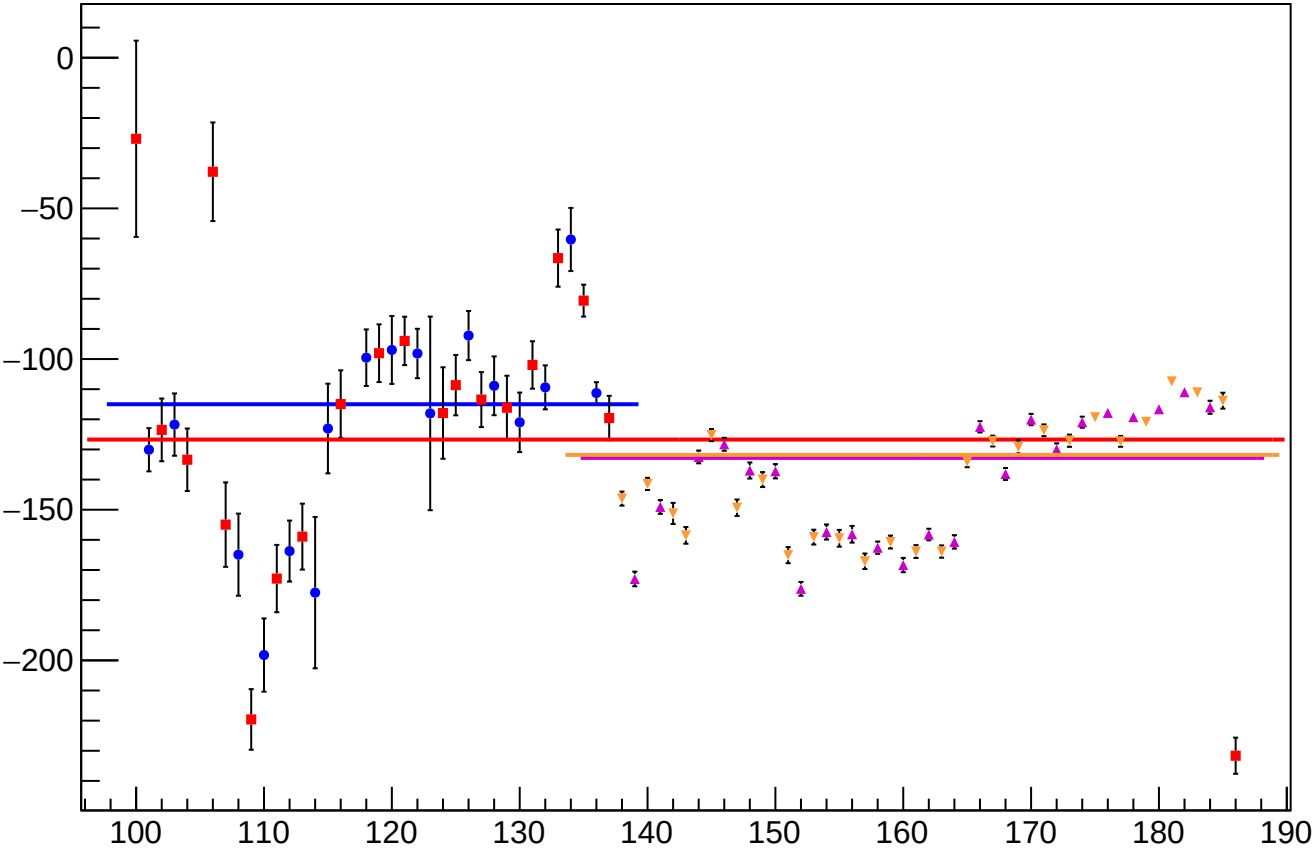
Right: -40.297+/-0.826 χ^2/NDF: 2483.2/36

In: -27.695+/-0.313 χ^2/NDF:2708.5/39

Out: -27.886+/-0.306 χ^2/NDF:2131.9/44

All: -27.793+/-0.219 χ^2/NDF: 4840.6/84

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -131.805+/-0.392 χ^2/NDF:2417.0/24

Right Out: -126.714+/-2.071 χ^2/NDF: 620.6/19

Left In: -132.799+/-0.398 χ^2/NDF:2515.9/22

Left: -132.294+/-0.279 χ^2/NDF: 4936.0/47

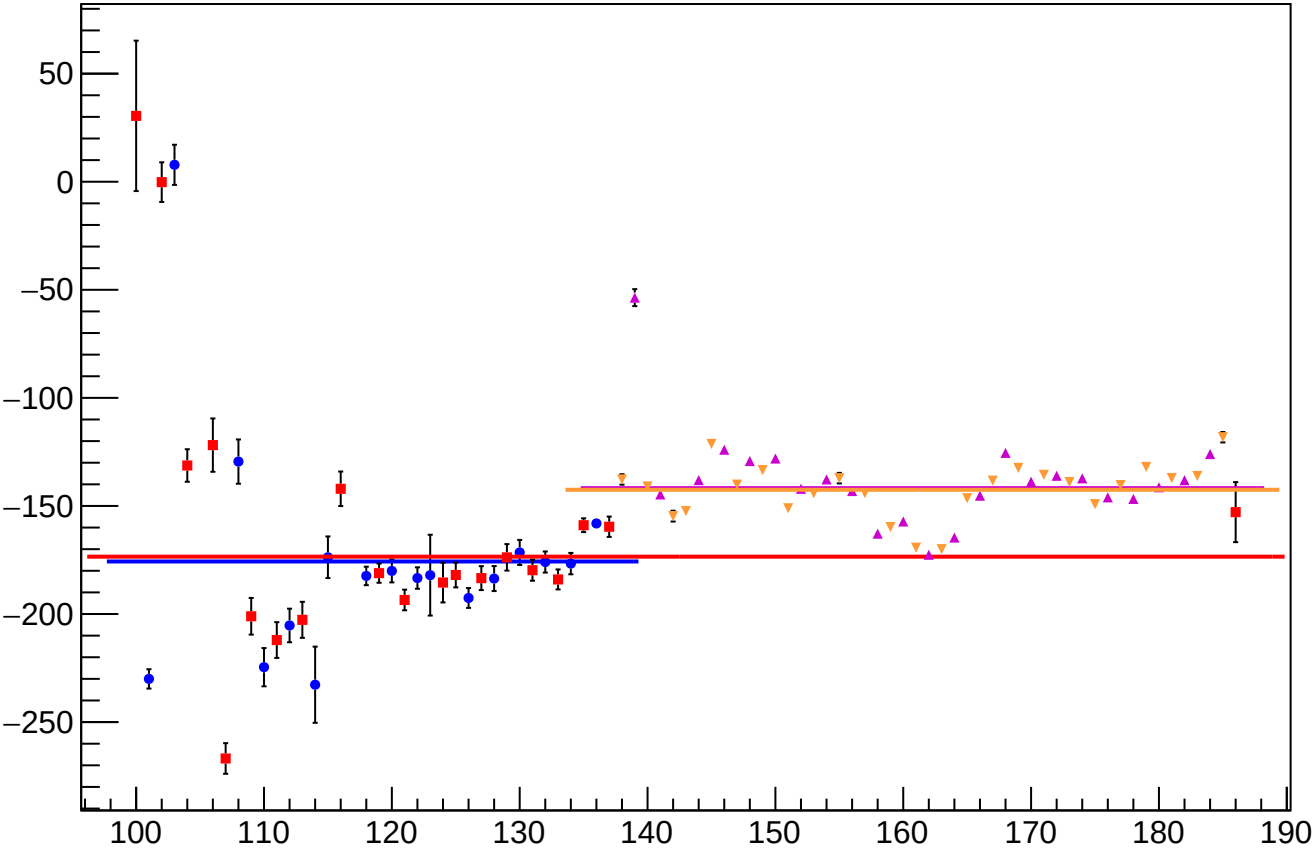
Right: -120.859+/-1.465 χ^2/NDF: 778.4/36

In: -132.165+/-0.391 χ^2/NDF:2728.8/39

Out: -131.629+/-0.385 χ^2/NDF:3043.5/44

All: -131.893+/-0.274 χ^2/NDF: 5773.3/84

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -142.517+/-0.355 χ^2/NDF:1144.2/24

Right Out: -173.470+/-1.349 χ^2/NDF: 739.9/19

Left In: -141.769+/-0.363 χ^2/NDF:1604.4/22

Left: -142.151+/-0.254 χ^2/NDF: 2750.7/47

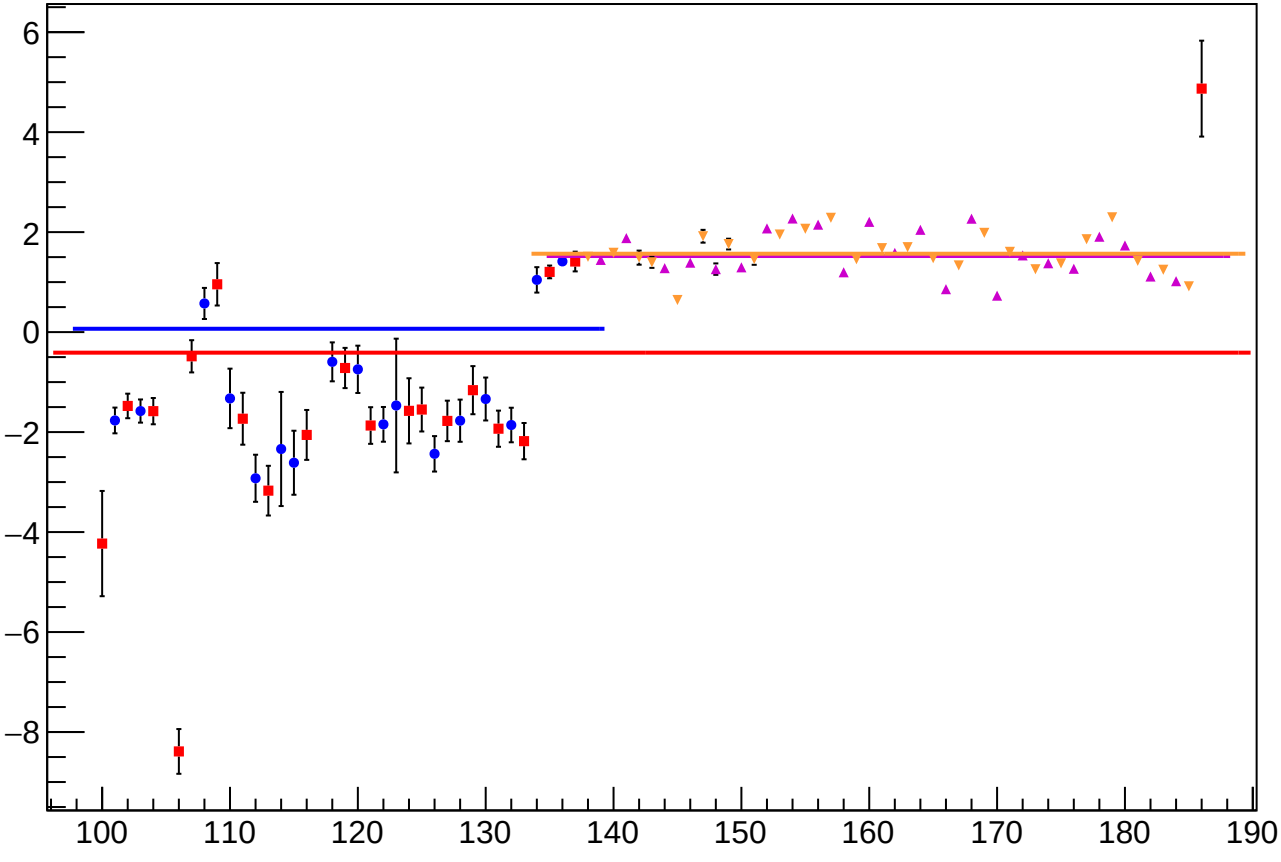
Right: -174.652+/-0.924 χ^2/NDF: 1434.3/36

In: -144.336+/-0.349 χ^2/NDF:2959.5/39

Out: -144.518+/-0.343 χ^2/NDF:2376.2/44

All: -144.428+/-0.245 χ^2/NDF: 5335.8/84

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.568+/-0.016 χ^2/NDF:541.0/24

Right Out: -0.411+/-0.071 χ^2/NDF: 785.4/19

Left In: 1.522+/-0.016 χ^2/NDF:739.1/22

Left: 1.545+/-0.012 χ^2/NDF: 1284.1/47

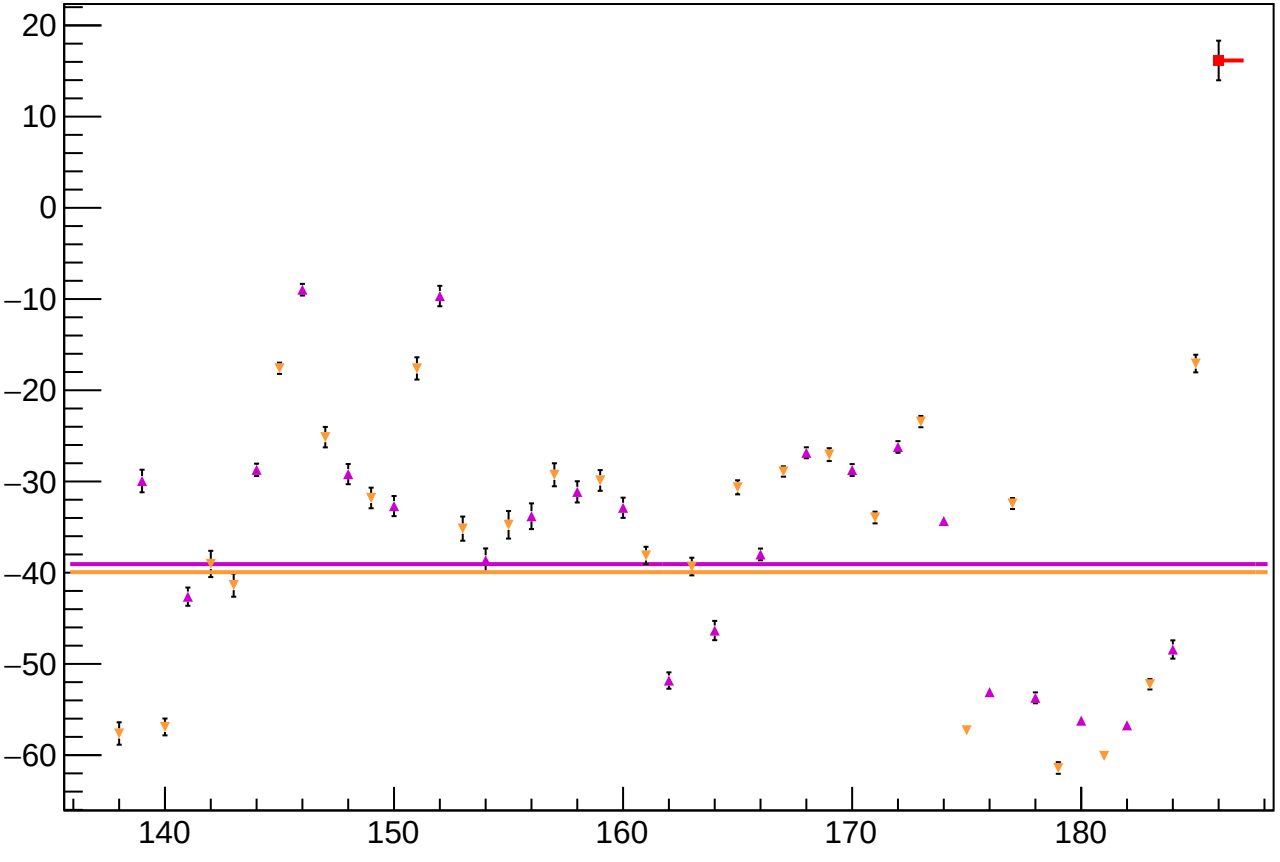
Right: -0.159+/-0.049 χ^2/NDF: 1335.5/36

In: 1.439+/-0.016 χ^2/NDF:1710.6/39

Out: 1.470+/-0.016 χ^2/NDF:2066.6/44

All: 1.455+/-0.011 χ^2/NDF: 3779.0/84

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -39.942+/-0.153 χ^2/NDF:9806.2/24

Right Out: 16.154+/-2.172 χ^2/NDF: 0.0/0

Left In: -39.060+/-0.154 χ^2/NDF:8577.0/22

Left: -39.503+/-0.109 χ^2/NDF: 18399.6/47

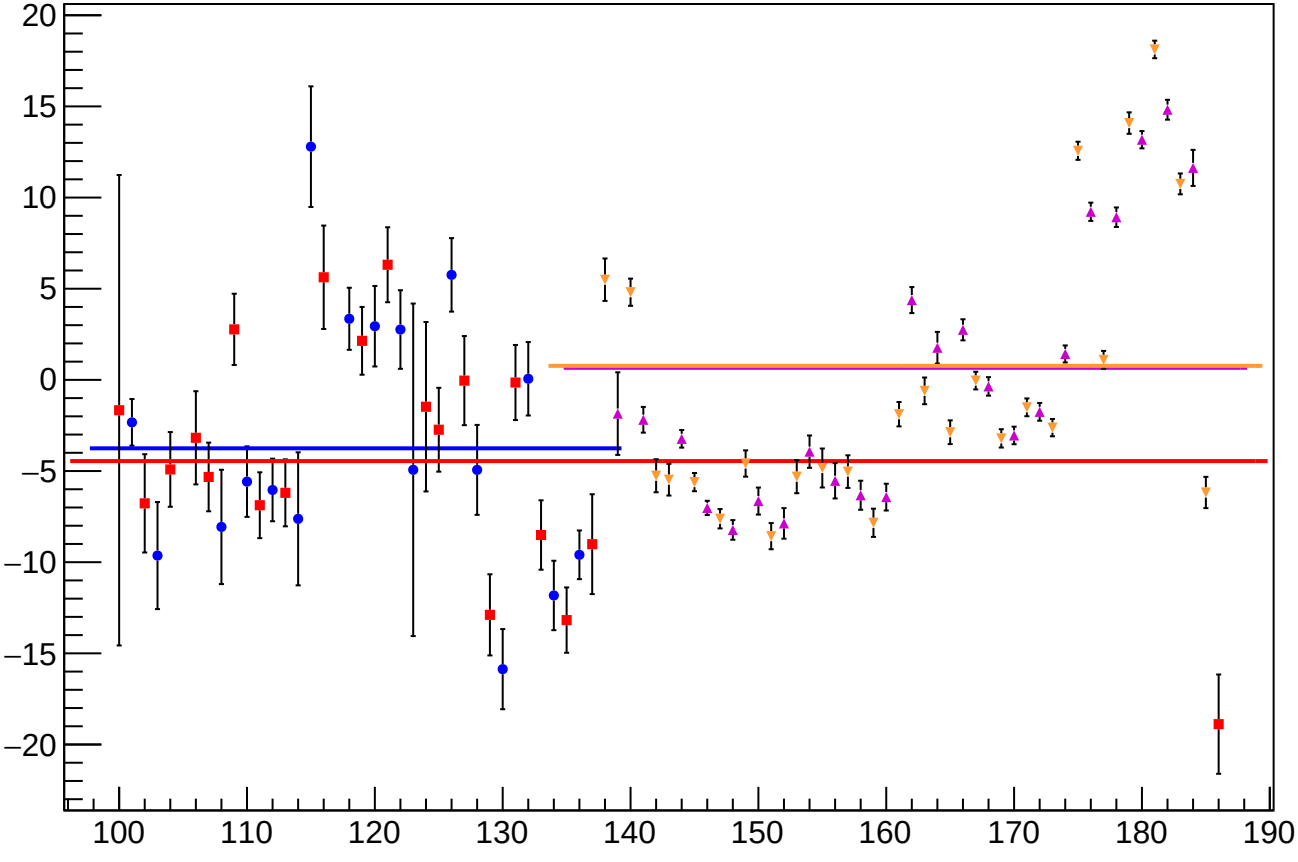
Right: 16.154+/-2.172 χ^2/NDF: 0.0/0

In: -39.060+/-0.154 χ^2/NDF:8577.0/22

Out: -39.664+/-0.153 χ^2/NDF:10469.7/25

All: -39.364+/-0.109 χ^2/NDF: 19054.5/48

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: 0.770+/-0.124 χ^2/NDF:3952.9/24

Right Out: -4.454+/-0.498 χ^2/NDF: 152.4/19

Left In: 0.662+/-0.124 χ^2/NDF:3340.9/22

Left: 0.716+/-0.088 χ^2/NDF: 7294.2/47

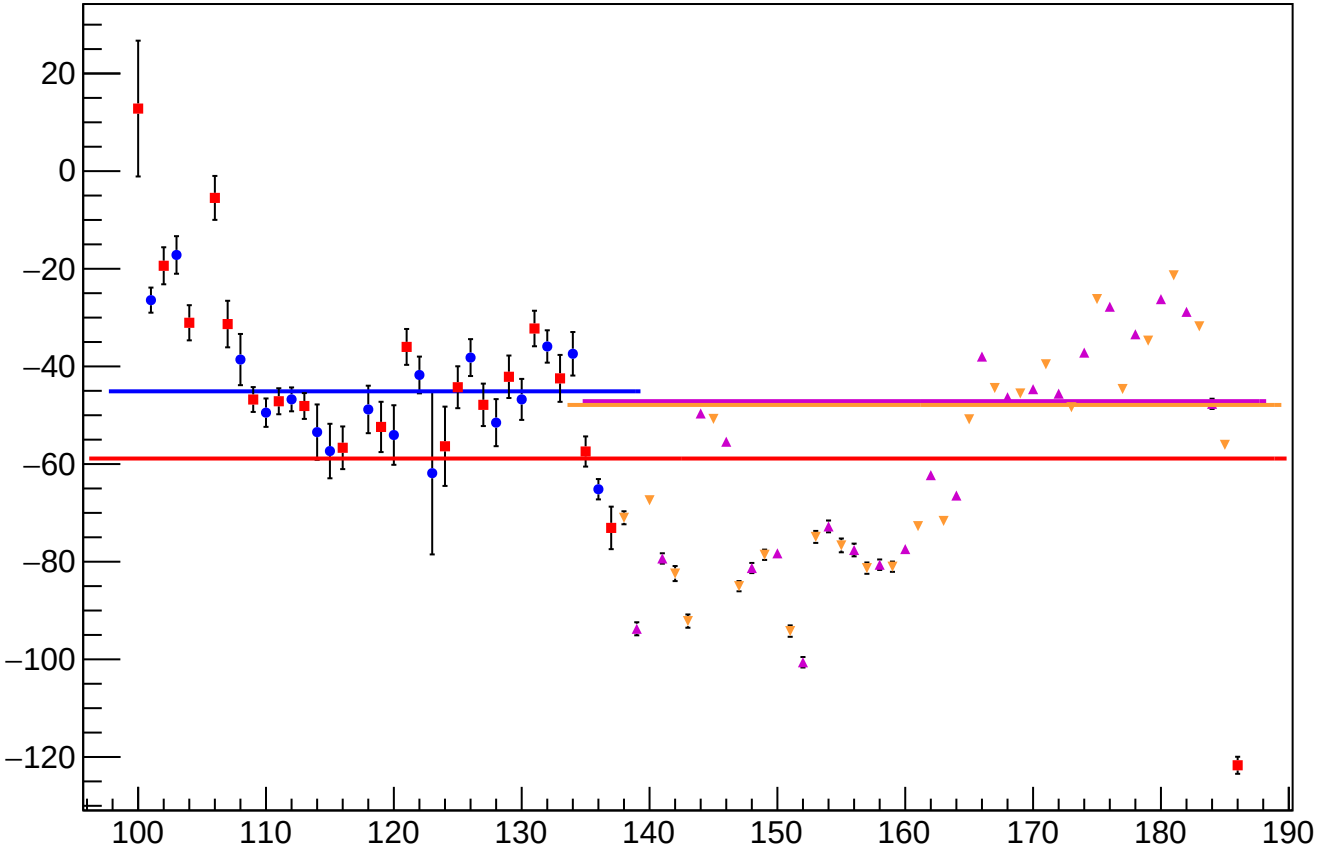
Right: -4.102+/-0.351 χ^2/NDF: 318.7/36

In: 0.401+/-0.120 χ^2/NDF:3581.1/39

Out: 0.464+/-0.121 χ^2/NDF:4208.8/44

All: 0.433+/-0.085 χ^2/NDF: 7790.0/84

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -47.888+/-0.155 χ^2/NDF:16707.2/24

Right Out: -58.866+/-0.784 χ^2/NDF: 1873.6/19

Left In: -47.112+/-0.155 χ^2/NDF:15654.8/22

Left: -47.500+/-0.109 χ^2/NDF: 32374.6/47

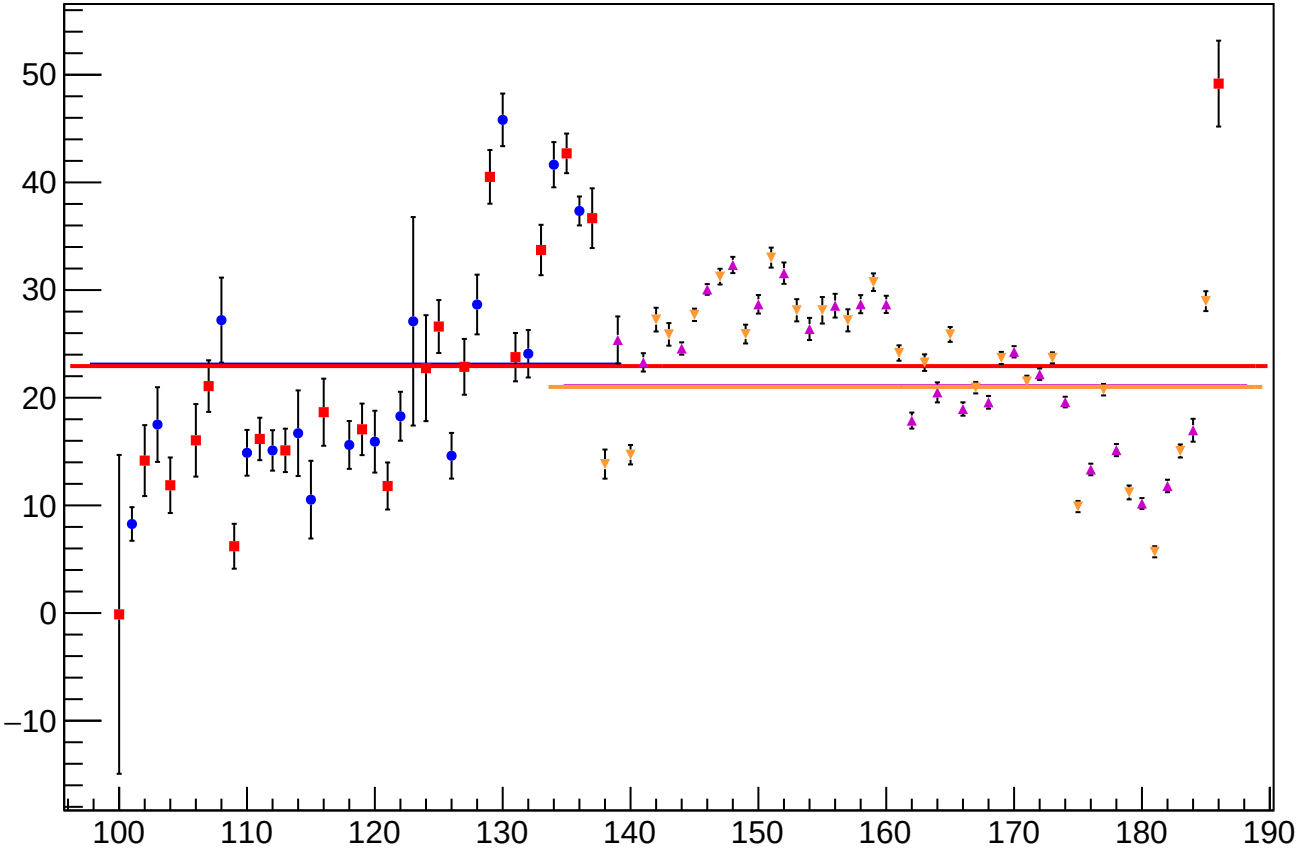
Right: -52.783+/-0.586 χ^2/NDF: 2239.8/36

In: -47.052+/-0.152 χ^2/NDF:15889.7/39

Out: -48.300+/-0.152 χ^2/NDF:18769.6/44

All: -47.679+/-0.108 χ^2/NDF: 34693.0/84

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 21.005+/-0.139 χ^2/NDF:2789.5/24

Right Out: 22.938+/-0.567 χ^2/NDF: 414.5/19

Left In: 21.069+/-0.139 χ^2/NDF:2176.7/22

Left: 21.037+/-0.098 χ^2/NDF: 4966.4/47

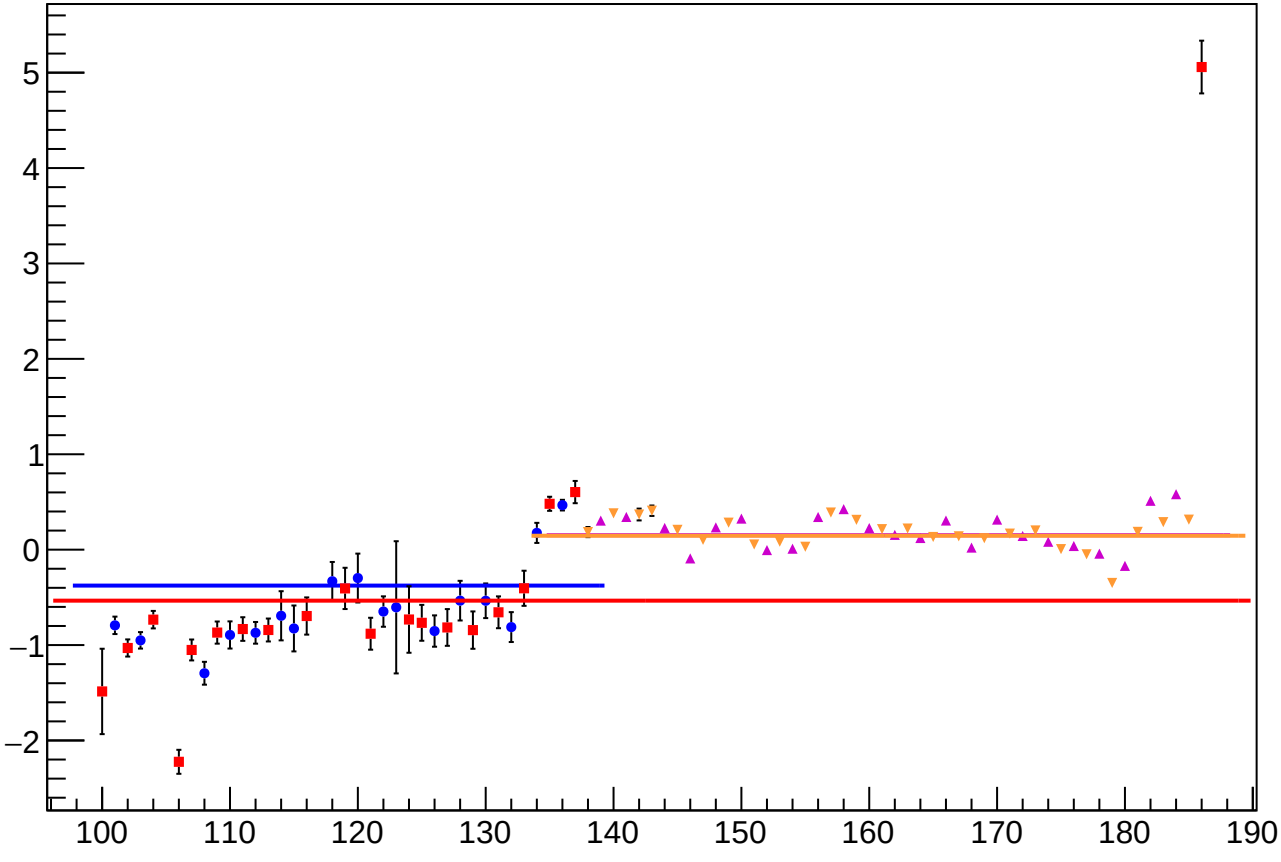
Right: 23.010+/-0.397 χ^2/NDF: 875.6/36

In: 21.187+/-0.135 χ^2/NDF:2650.2/39

Out: 21.114+/-0.135 χ^2/NDF:3215.0/44

All: 21.151+/-0.095 χ^2/NDF: 5865.3/84

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.146+/-0.006 χ^2/NDF:609.8/24

Right Out: -0.535+/-0.030 χ^2/NDF: 970.0/19

Left In: 0.151+/-0.006 χ^2/NDF:873.9/22

Left: 0.149+/-0.004 χ^2/NDF: 1484.1/47

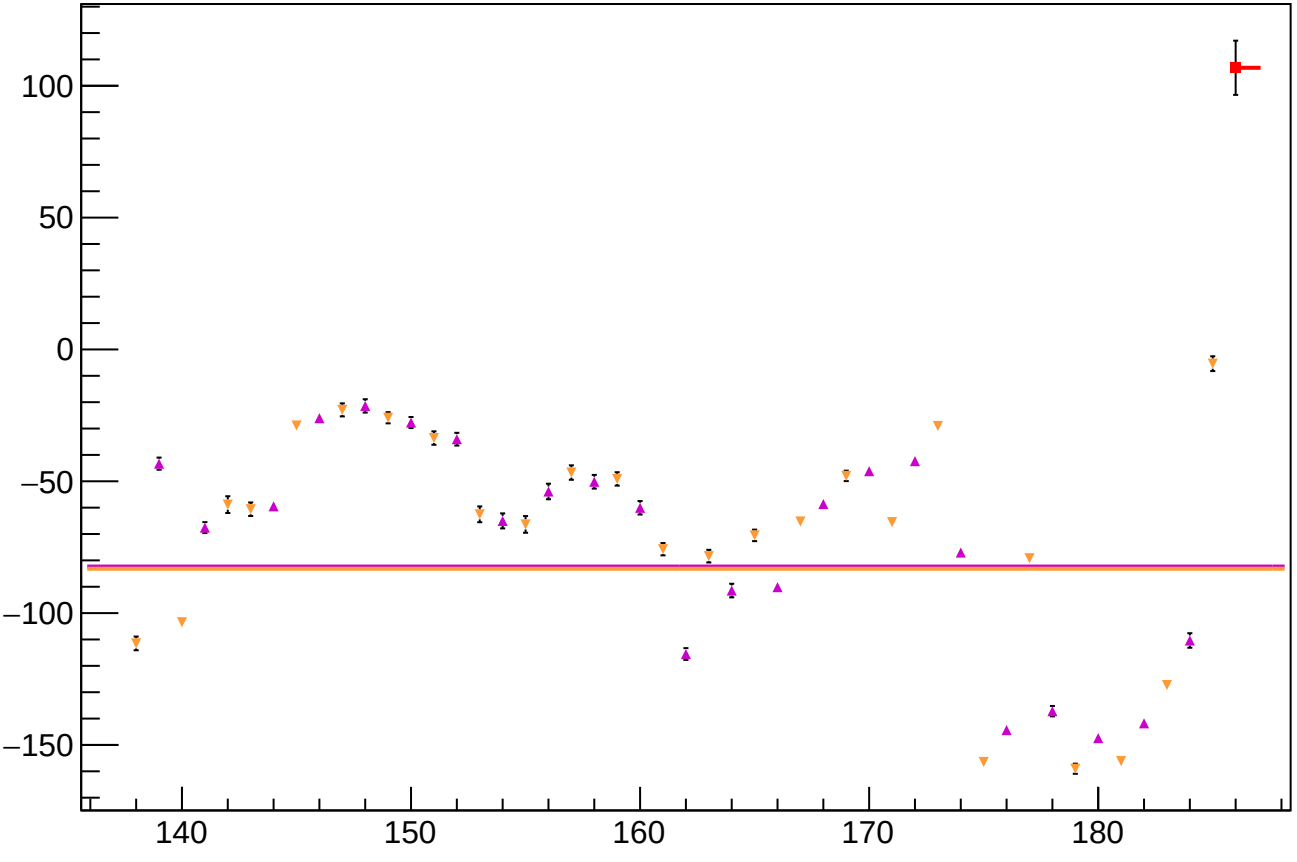
Right: -0.456+/-0.021 χ^2/NDF: 1421.0/36

In: 0.129+/-0.006 χ^2/NDF:1606.2/39

Out: 0.117+/-0.006 χ^2/NDF:2072.4/44

All: 0.123+/-0.004 χ^2/NDF: 3680.4/84

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -83.163+/-0.407 χ^2/NDF:13794.3/24

Right Out: 106.825+/-10.282 χ^2/NDF: 0.0/0

Left In: -82.342+/-0.413 χ^2/NDF:10954.9/22

Left: -82.758+/-0.290 χ^2/NDF: 24751.3/47

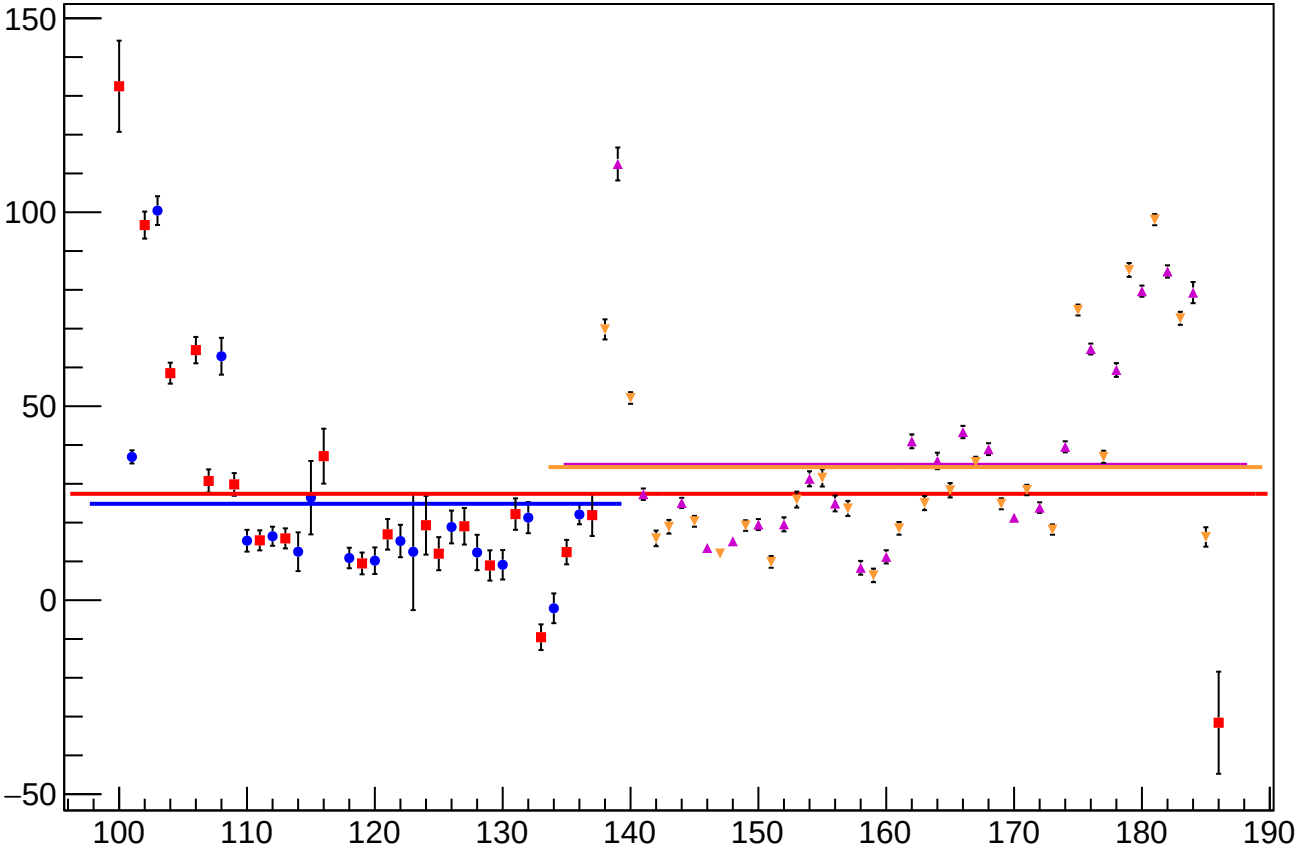
Right: 106.825+/-10.282 χ^2/NDF: 0.0/0

In: -82.342+/-0.413 χ^2/NDF:10954.9/22

Out: -82.865+/-0.407 χ^2/NDF:14135.2/25

All: -82.608+/-0.290 χ^2/NDF: 25090.9/48

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 34.306+/-0.321 χ^2/NDF:6163.7/24

Right Out: 27.424+/-0.809 χ^2/NDF: 1029.3/19

Left In: 34.893+/-0.328 χ^2/NDF:4754.6/22

Left: 34.593+/-0.229 χ^2/NDF: 10919.9/47

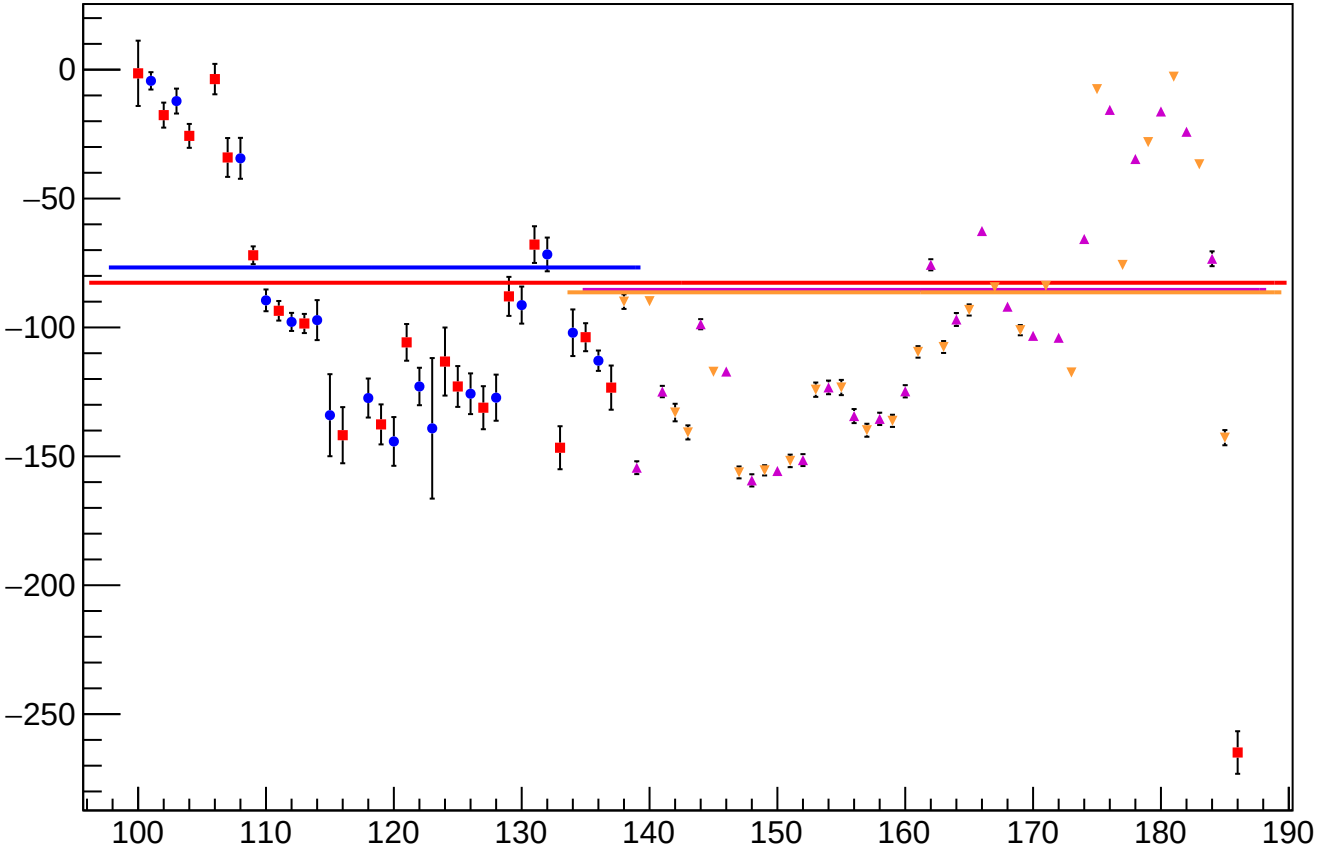
Right: 26.123+/-0.569 χ^2/NDF: 1725.3/36

In: 33.448+/-0.304 χ^2/NDF:5580.1/39

Out: 33.370+/-0.298 χ^2/NDF:7255.6/44

All: 33.408+/-0.213 χ^2/NDF: 12835.7/84

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -86.377+/-0.409 χ^2/NDF:14435.1/24

Right Out: -82.659+/-1.334 χ^2/NDF: 1371.9/19

Left In: -85.441+/-0.413 χ^2/NDF:12998.9/22

Left: -85.914+/-0.291 χ^2/NDF: 27436.5/47

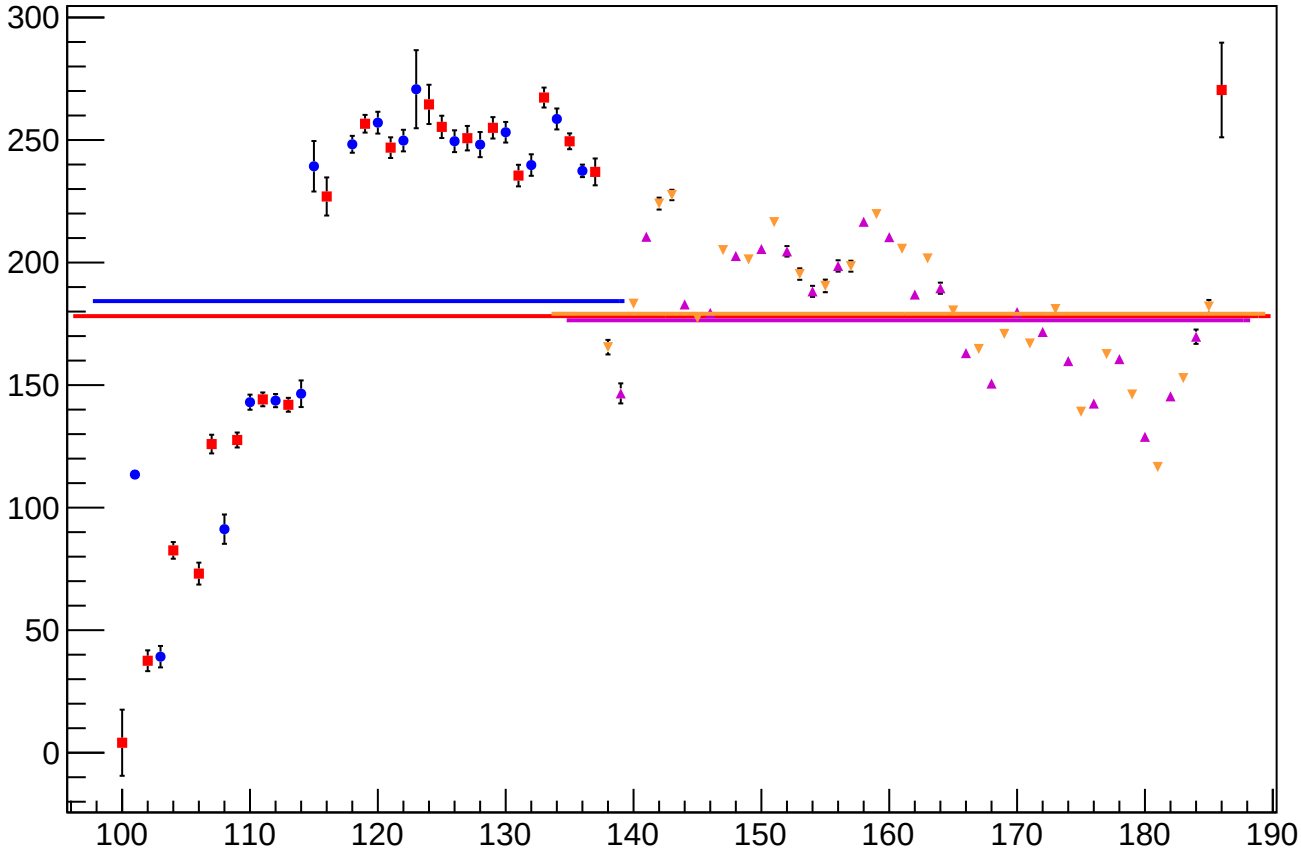
Right: -79.861+/-0.970 χ^2/NDF: 2423.2/36

In: -84.754+/-0.396 χ^2/NDF:14076.0/39

Out: -86.058+/-0.391 χ^2/NDF:15814.0/44

All: -85.415+/-0.278 χ^2/NDF: 29895.5/84

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 179.109+/-0.363 χ^2/NDF:5877.5/24

Right Out: 178.141+/-0.923 χ^2/NDF: 6353.8/19

Left In: 176.449+/-0.370 χ^2/NDF:4442.1/22

Left: 177.804+/-0.259 χ^2/NDF: 10345.9/47

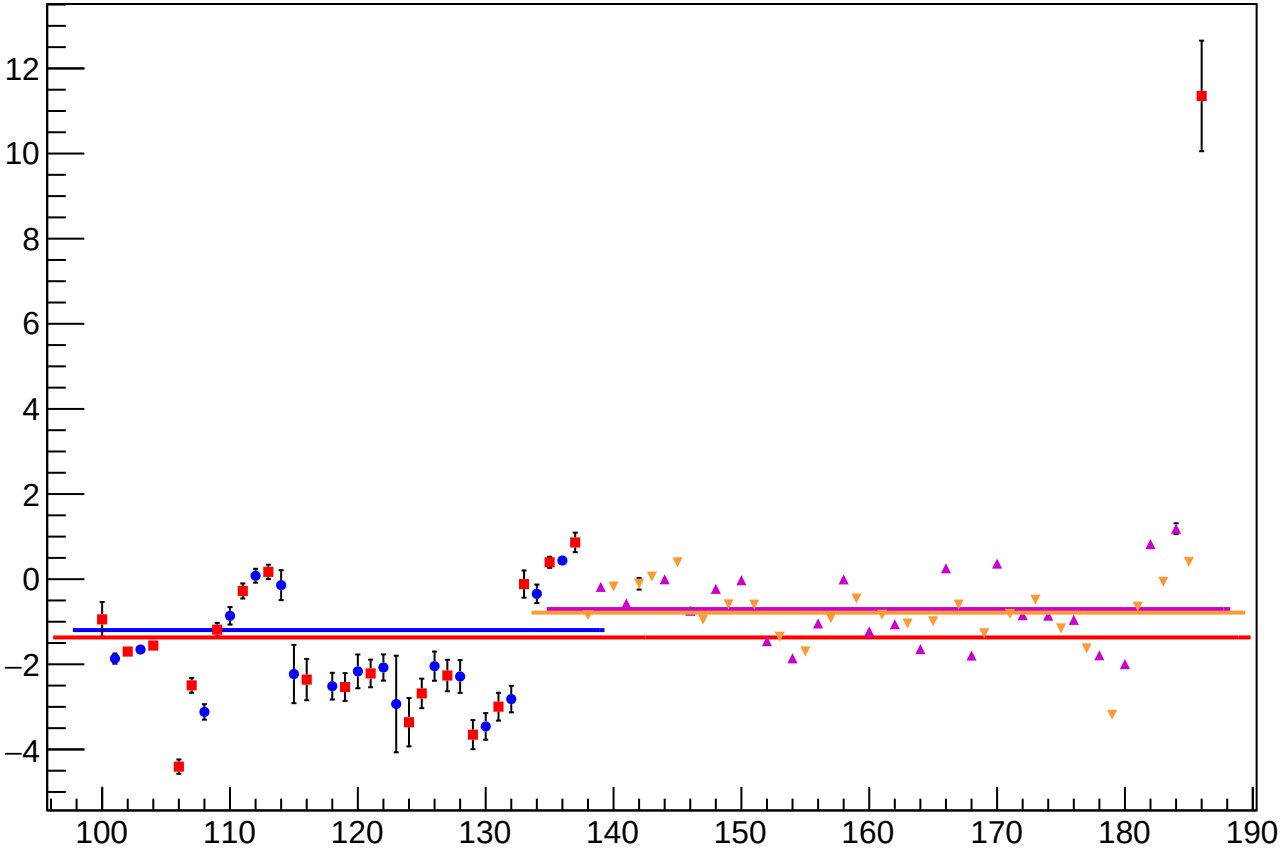
Right: 181.237+/-0.649 χ^2/NDF: 11777.1/36

In: 177.549+/-0.343 χ^2/NDF:9906.1/39

Out: 178.979+/-0.337 χ^2/NDF:12232.2/44

All: 178.275+/-0.240 χ^2/NDF: 22147.2/84

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.787+/-0.017 χ^2/NDF:1760.7/24

Right Out: -1.369+/-0.046 χ^2/NDF: 1020.5/19

Left In: -0.702+/-0.017 χ^2/NDF:2421.3/22

Left: -0.745+/-0.012 χ^2/NDF: 4194.8/47

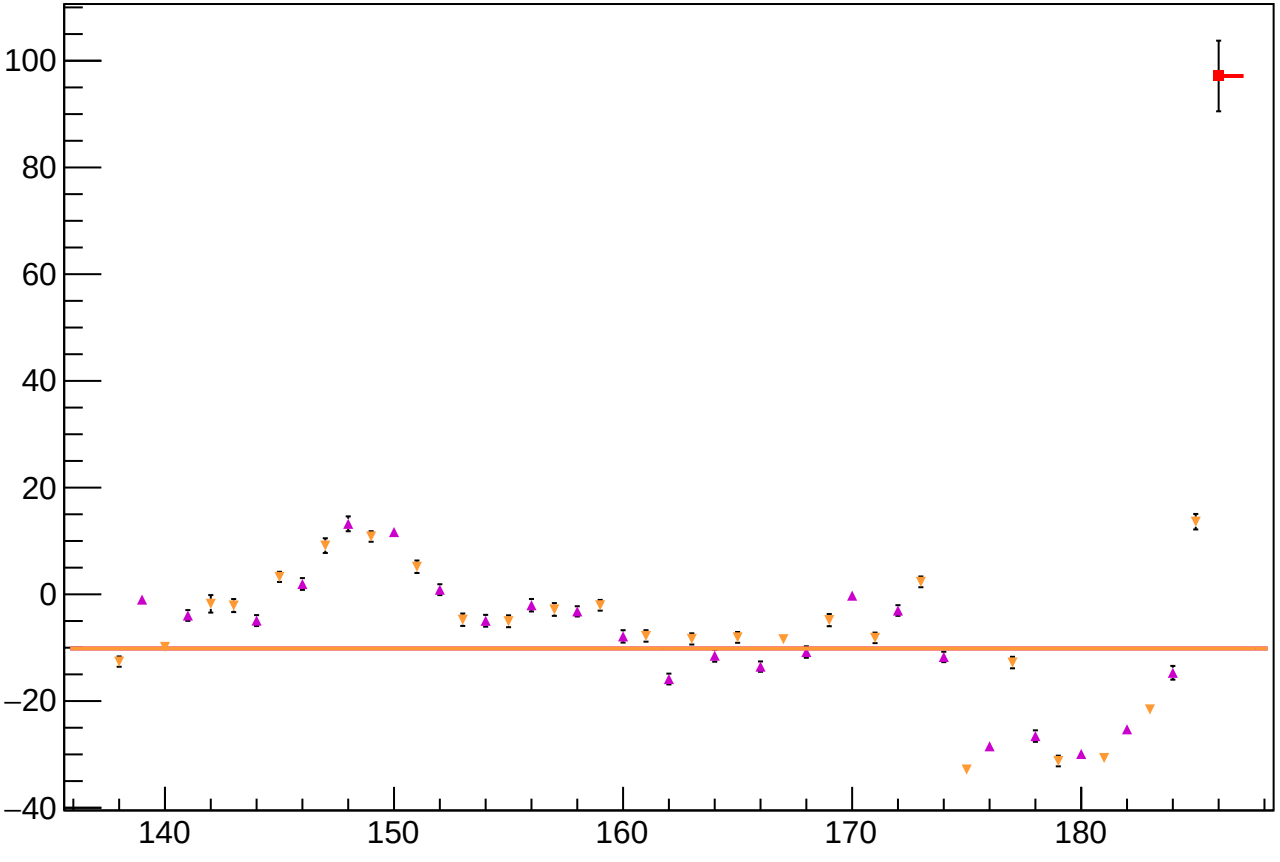
Right: -1.287+/-0.033 χ^2/NDF: 1650.3/36

In: -0.756+/-0.016 χ^2/NDF:3138.5/39

Out: -0.855+/-0.016 χ^2/NDF:2924.3/44

All: -0.806+/-0.011 χ^2/NDF: 6082.4/84

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -10.147+/-0.202 χ^2/NDF:4128.5/24

Right Out: 97.143+/-6.619 χ^2/NDF: 0.0/0

Left In: -10.149+/-0.204 χ^2/NDF:3491.7/22

Left: -10.148+/-0.143 χ^2/NDF: 7620.2/47

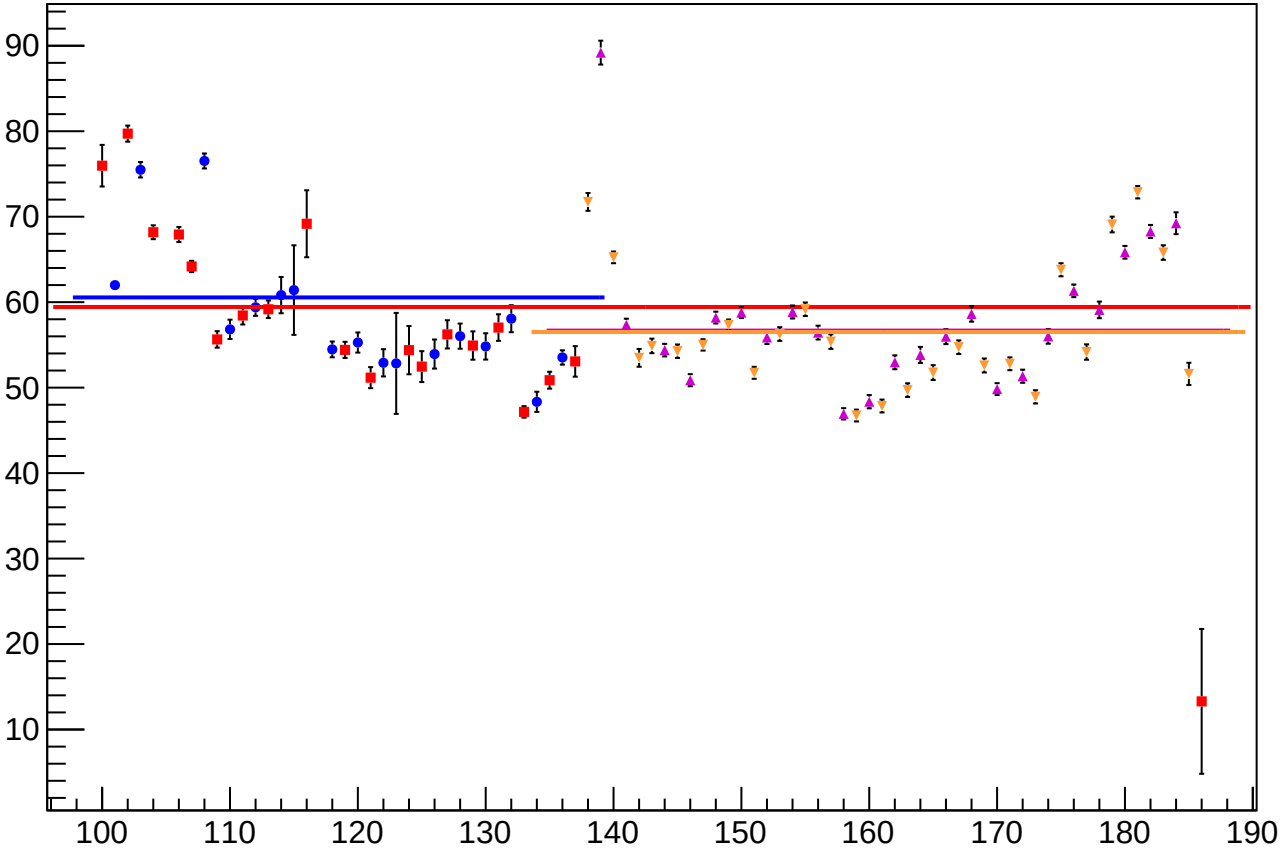
Right: 97.143+/-6.619 χ^2/NDF: 0.0/0

In: -10.149+/-0.204 χ^2/NDF:3491.7/22

Out: -10.048+/-0.202 χ^2/NDF:4391.0/25

All: -10.098+/-0.143 χ^2/NDF: 7882.9/48

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 56.508+/-0.159 χ^2/NDF:1962.3/24

Right Out: 59.438+/-0.248 χ^2/NDF: 1346.7/19

Left In: 56.674+/-0.165 χ^2/NDF:1679.8/22

Left: 56.588+/-0.114 χ^2/NDF: 3642.7/47

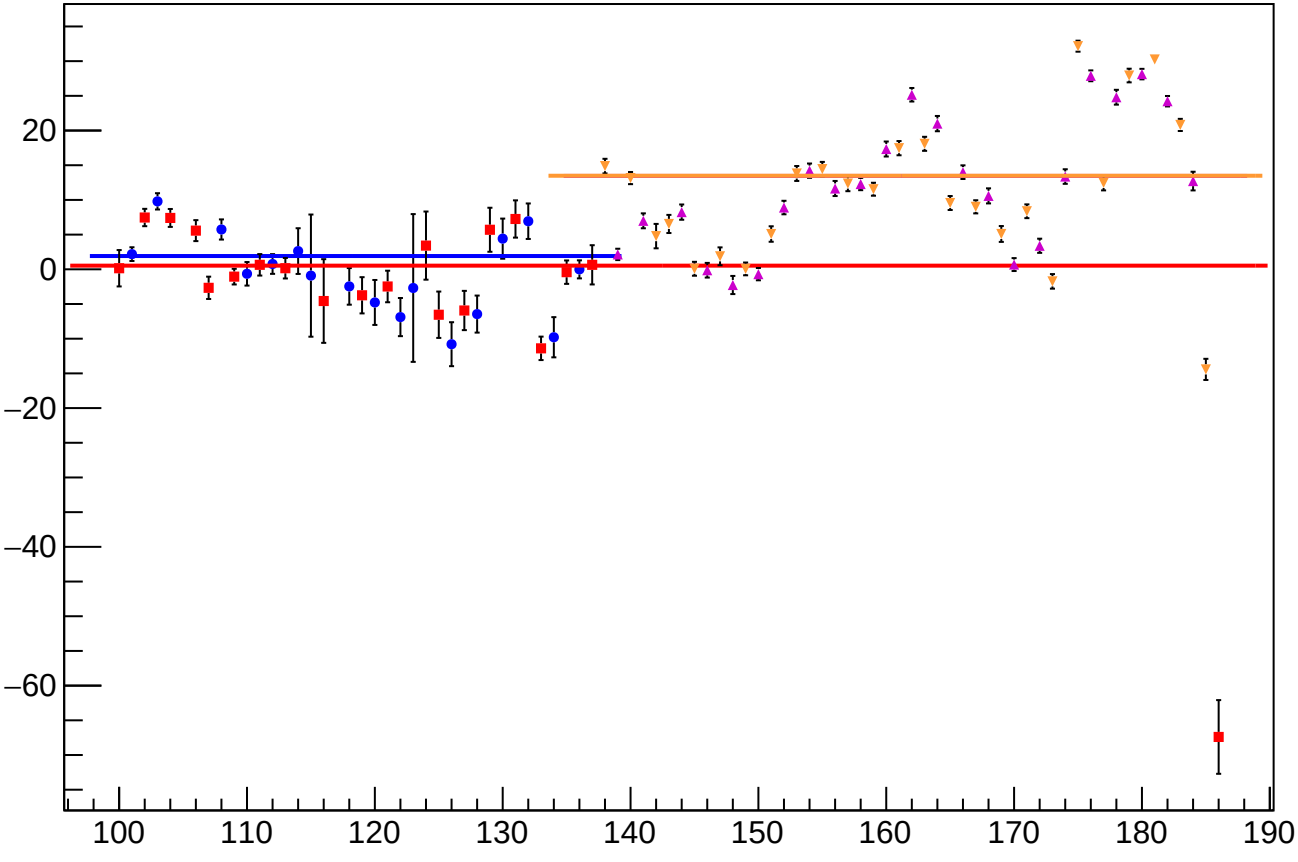
Right: 59.966+/-0.180 χ^2/NDF: 2287.0/36

In: 57.775+/-0.139 χ^2/NDF:2768.1/39

Out: 57.365+/-0.134 χ^2/NDF:3407.9/44

All: 57.562+/-0.097 χ^2/NDF: 6180.6/84

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 13.485+/-0.202 χ^2/NDF:2731.0/24

Right Out: 0.527+/-0.423 χ^2/NDF: 314.1/19

Left In: 13.456+/-0.203 χ^2/NDF:2371.9/22

Left: 13.471+/-0.143 χ^2/NDF: 5102.9/47

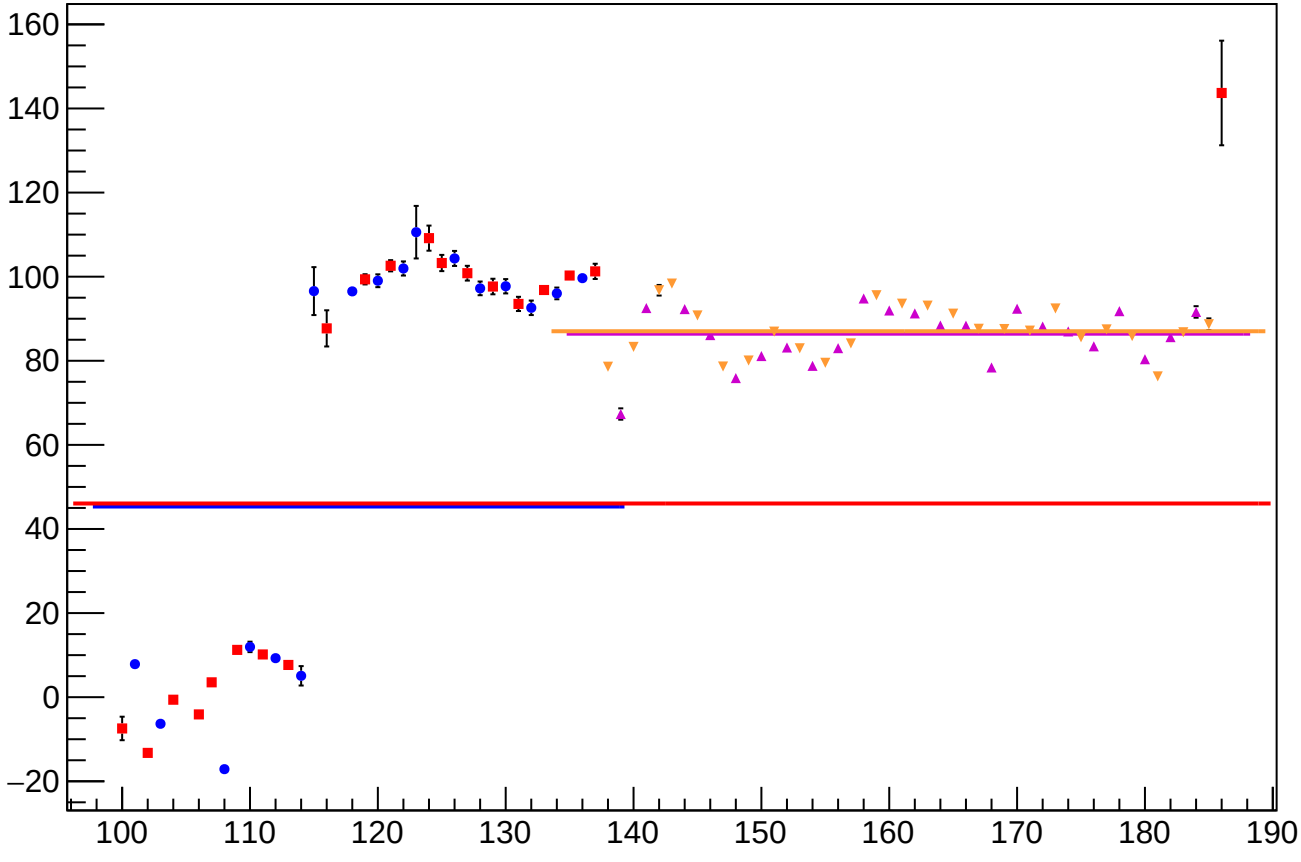
Right: 1.166+/-0.311 χ^2/NDF: 440.7/36

In: 11.558+/-0.186 χ^2/NDF:3024.7/39

Out: 11.080+/-0.182 χ^2/NDF:3809.9/44

All: 11.315+/-0.130 χ^2/NDF: 6838.0/84

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 87.023+/-0.179 χ^2/NDF:1057.2/24

Right Out: 46.060+/-0.289 χ^2/NDF: 28281.5/19

Left In: 86.443+/-0.184 χ^2/NDF:1038.6/22

Left: 86.740+/-0.128 χ^2/NDF: 2100.8/47

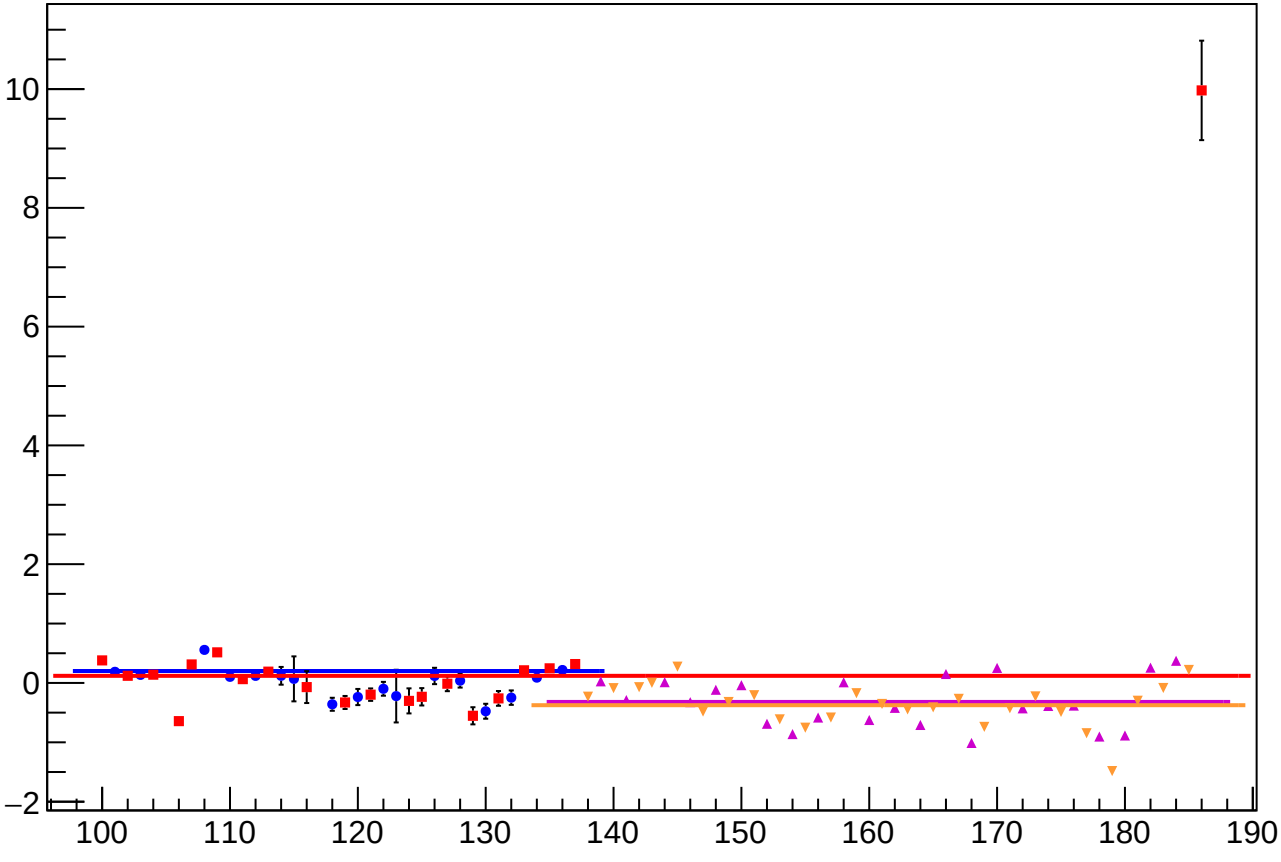
Right: 45.718+/-0.209 χ^2/NDF: 53355.5/36

In: 75.384+/-0.157 χ^2/NDF:39536.3/39

Out: 75.644+/-0.153 χ^2/NDF:43809.1/44

All: 75.518+/-0.110 χ^2/NDF: 83346.8/84

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.375+/-0.008 χ^2/NDF:1657.5/24

Right Out: 0.120+/-0.013 χ^2/NDF: 638.7/19

Left In: -0.320+/-0.008 χ^2/NDF:2325.0/22

Left: -0.348+/-0.006 χ^2/NDF: 4005.2/47

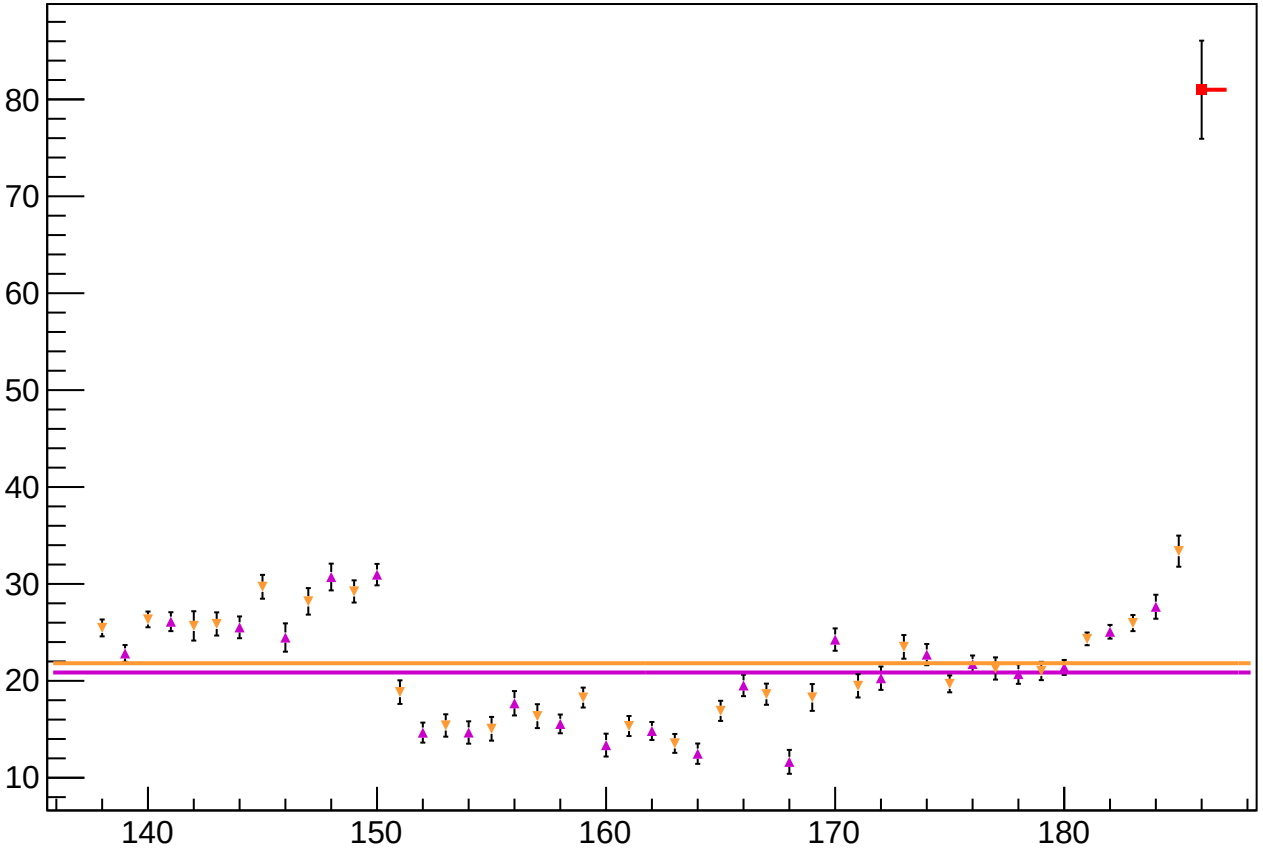
Right: 0.157+/-0.010 χ^2/NDF: 874.6/36

In: -0.189+/-0.007 χ^2/NDF:3573.7/39

Out: -0.236+/-0.007 χ^2/NDF:3334.1/44

All: -0.213+/-0.005 χ^2/NDF: 6930.7/84

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 21.818+/-0.210 χ^2/NDF:522.7/24

Right Out: 80.998+/-5.062 χ^2/NDF: 0.0/0

Left In: 20.860+/-0.216 χ^2/NDF:575.5/22

Left: 21.351+/-0.151 χ^2/NDF: 1108.3/47

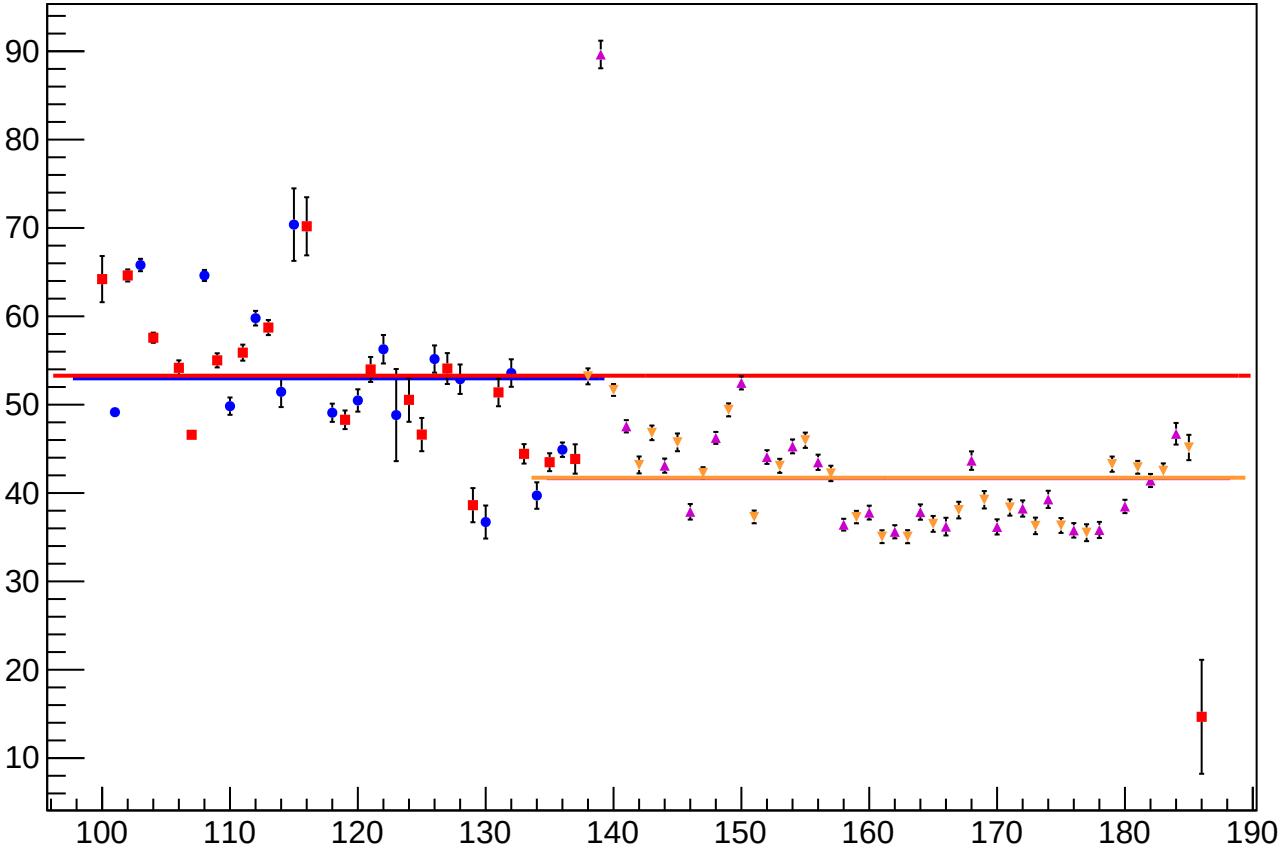
Right: 80.998+/-5.062 χ^2/NDF: 0.0/0

In: 20.860+/-0.216 χ^2/NDF:575.5/22

Out: 21.920+/-0.210 χ^2/NDF:659.1/25

All: 21.404+/-0.150 χ^2/NDF: 1247.1/48

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 41.732+/-0.166 χ^2/NDF:1014.0/24

Right Out: 53.280+/-0.227 χ^2/NDF: 908.6/19

Left In: 41.682+/-0.173 χ^2/NDF:1715.9/22

Left: 41.709+/-0.120 χ^2/NDF: 2729.9/47

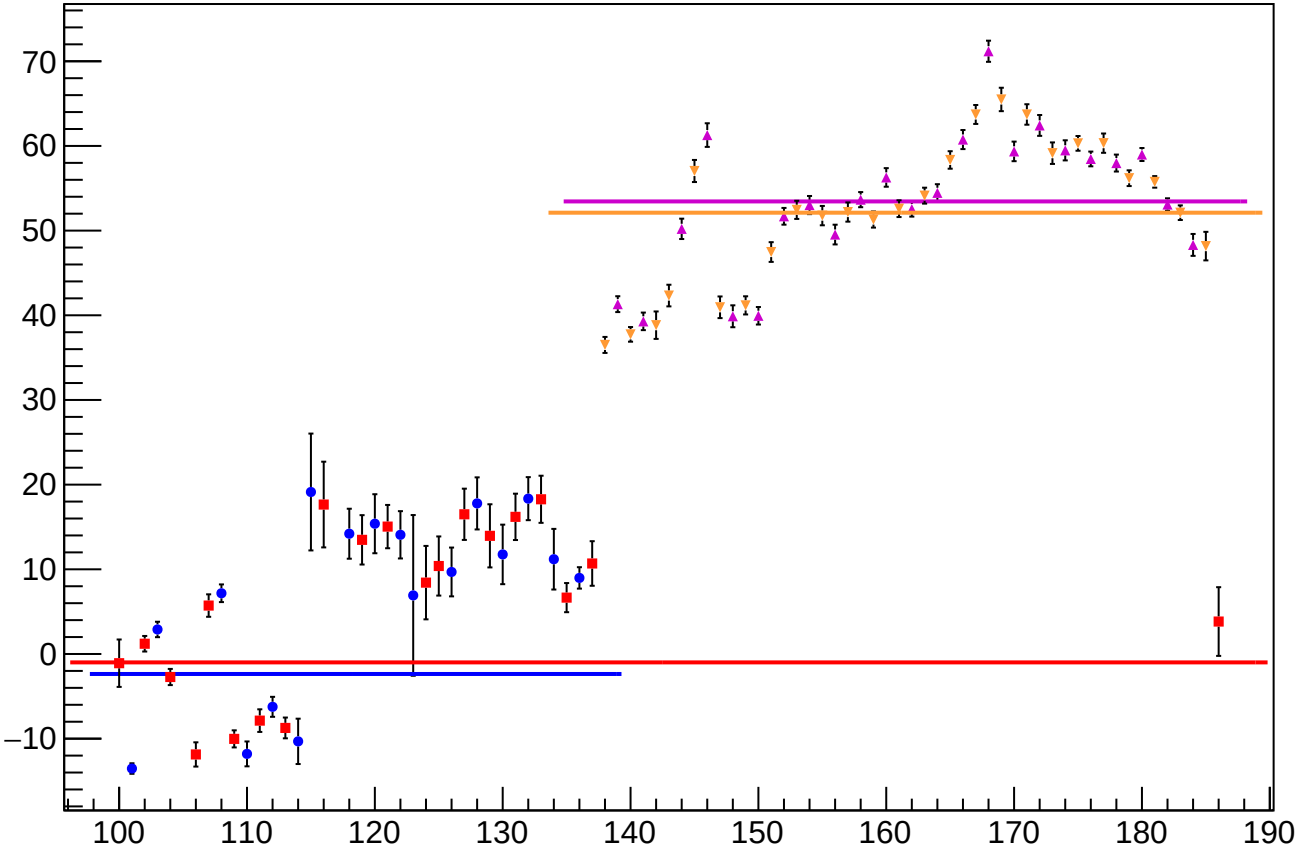
Right: 53.119+/-0.154 χ^2/NDF: 2107.3/36

In: 46.259+/-0.134 χ^2/NDF:4633.2/39

Out: 45.762+/-0.134 χ^2/NDF:3614.1/44

All: 46.011+/-0.095 χ^2/NDF: 8254.2/84

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 52.116+/-0.210 χ^2/NDF:1445.4/24

Right Out: -0.993+/-0.375 χ^2/NDF: 509.2/19

Left In: 53.447+/-0.214 χ^2/NDF:1167.6/22

Left: 52.769+/-0.150 χ^2/NDF: 2632.6/47

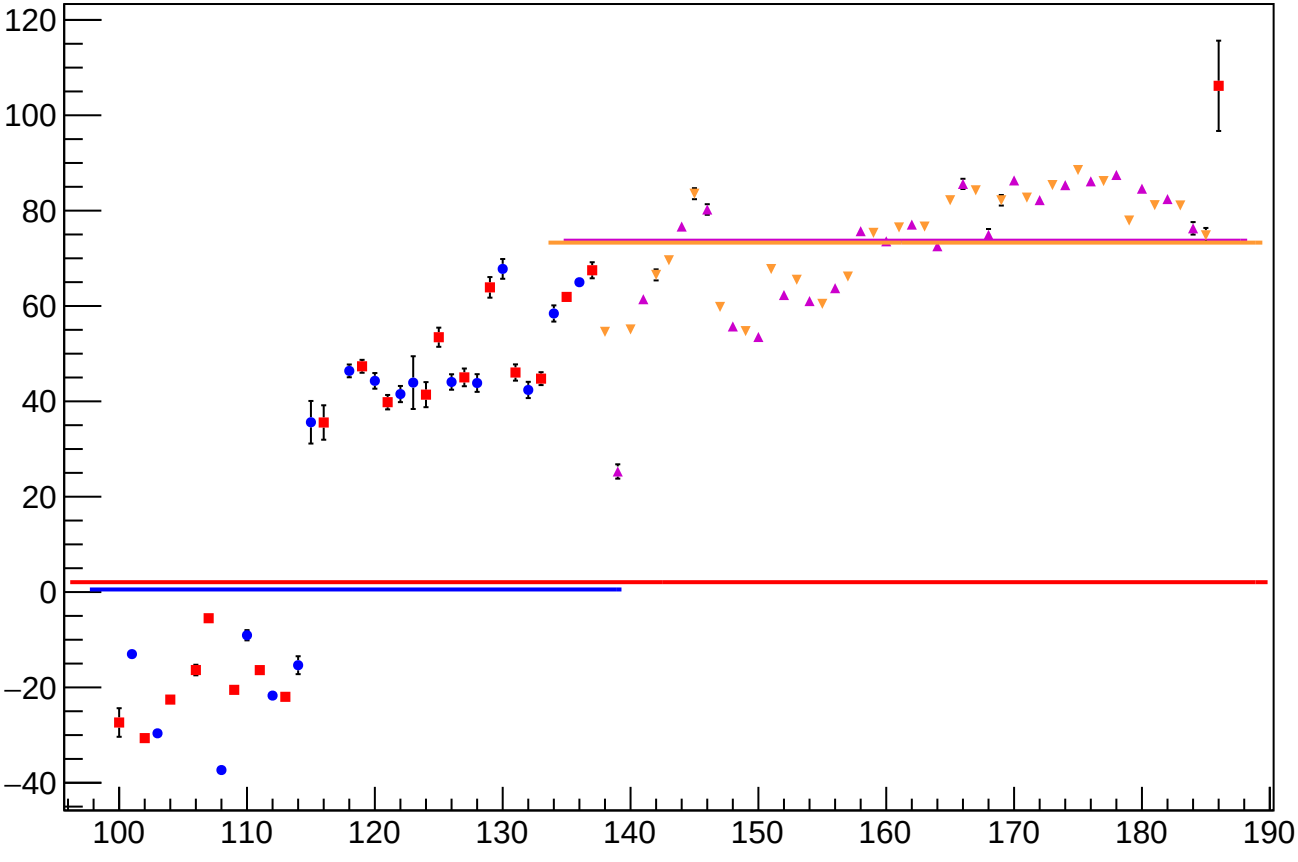
Right: -1.698+/-0.261 χ^2/NDF: 1356.9/36

In: 39.060+/-0.185 χ^2/NDF:19472.5/39

Out: 39.411+/-0.184 χ^2/NDF:17190.2/44

All: 39.237+/-0.130 χ^2/NDF: 36664.6/84

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 73.294+/-0.187 χ^2/NDF:3148.2/24

Right Out: 2.072+/-0.266 χ^2/NDF: 15597.7/19

Left In: 73.699+/-0.194 χ^2/NDF:3901.1/22

Left: 73.489+/-0.135 χ^2/NDF: 7051.6/47

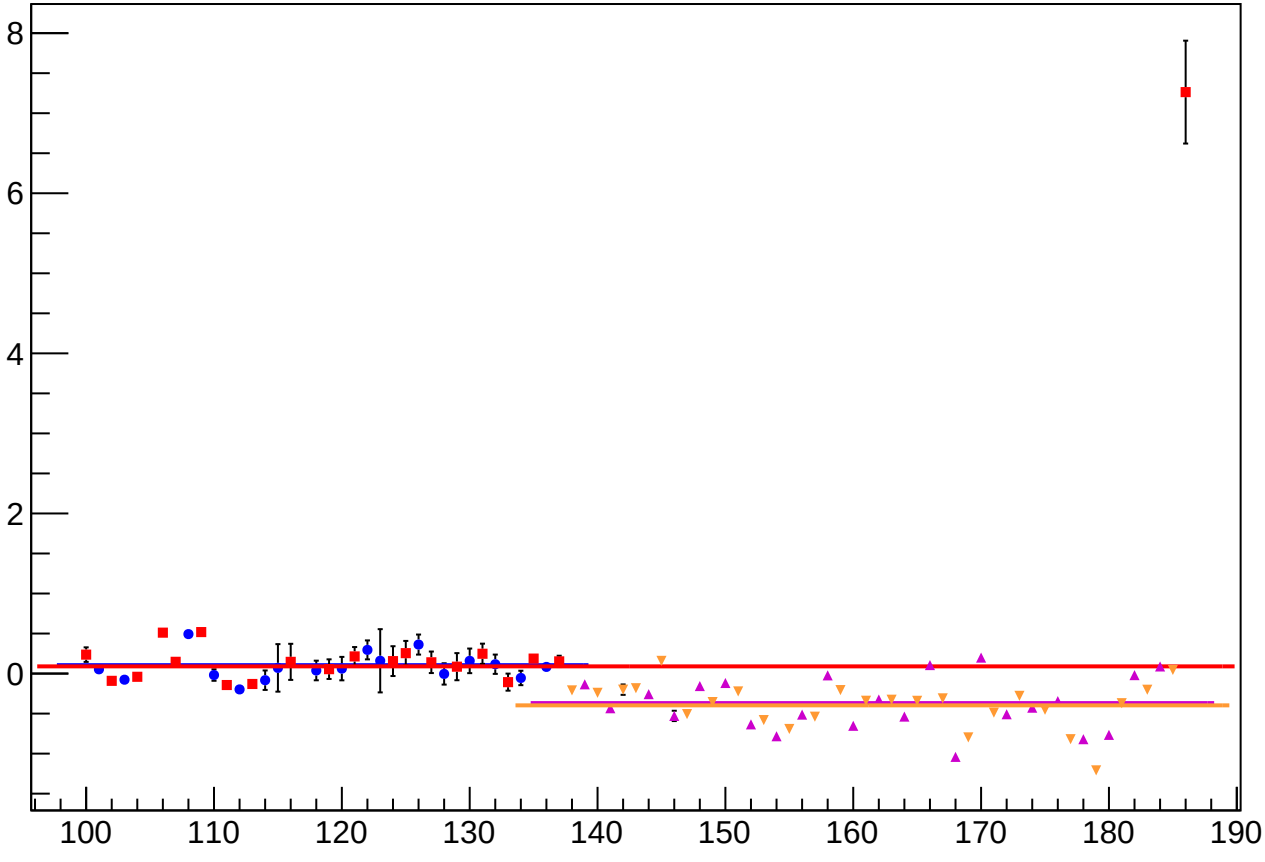
Right: 1.248+/-0.181 χ^2/NDF: 34039.3/36

In: 45.771+/-0.152 χ^2/NDF:76690.9/39

Out: 49.728+/-0.153 χ^2/NDF:66566.6/44

All: 47.739+/-0.108 χ^2/NDF: 143592.7/84

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.397+/-0.009 χ^2/NDF:943.5/24

Right Out: 0.090+/-0.011 χ^2/NDF: 515.6/19

Left In: -0.369+/-0.009 χ^2/NDF:1322.7/22

Left: -0.383+/-0.006 χ^2/NDF: 2271.6/47

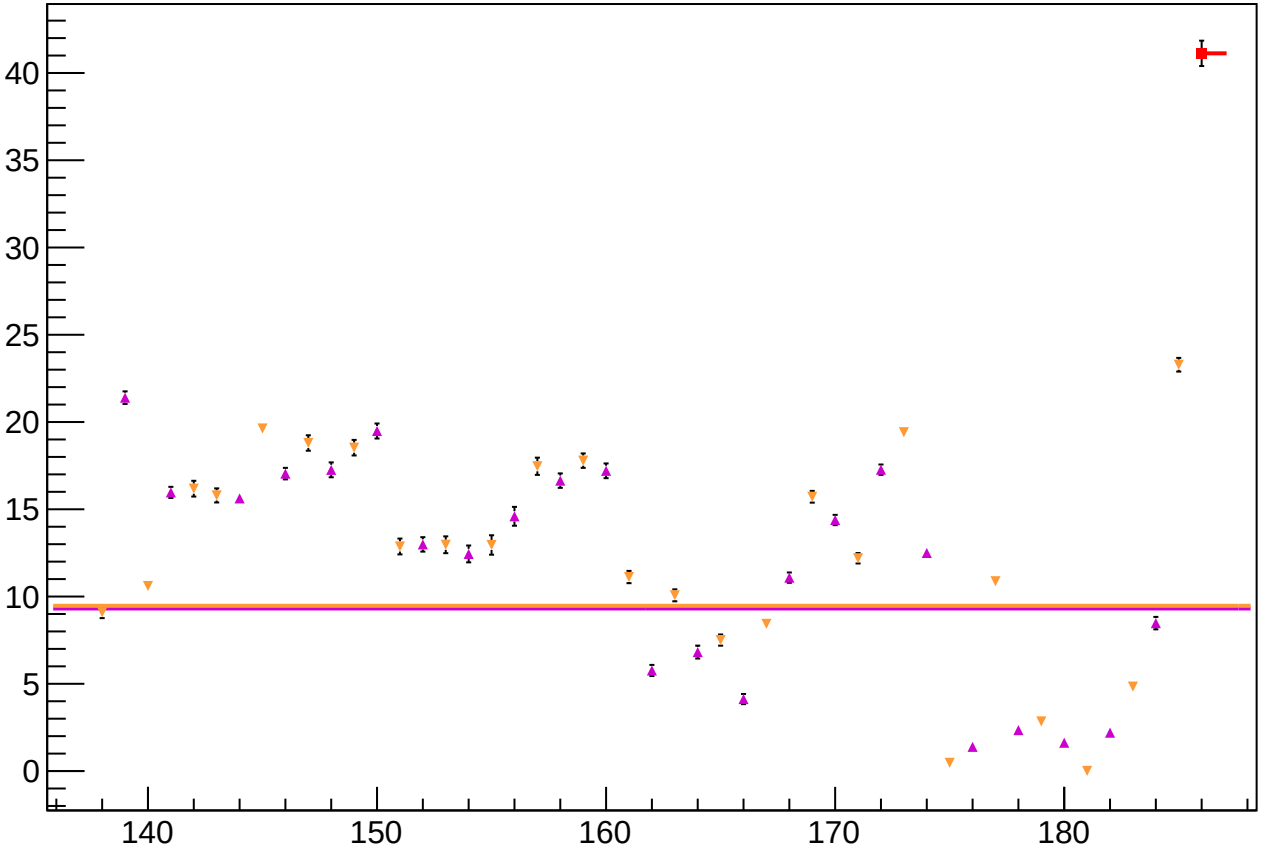
Right: 0.097+/-0.008 χ^2/NDF: 917.3/36

In: -0.188+/-0.007 χ^2/NDF:2864.5/39

Out: -0.213+/-0.007 χ^2/NDF:2679.3/44

All: -0.201+/-0.005 χ^2/NDF: 5550.6/84

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 9.470+/-0.061 χ^2/NDF:12578.0/24

Right Out: 41.126+/-0.726 χ^2/NDF: 0.0/0

Left In: 9.315+/-0.063 χ^2/NDF:11007.3/22

Left: 9.394+/-0.044 χ^2/NDF: 23588.5/47

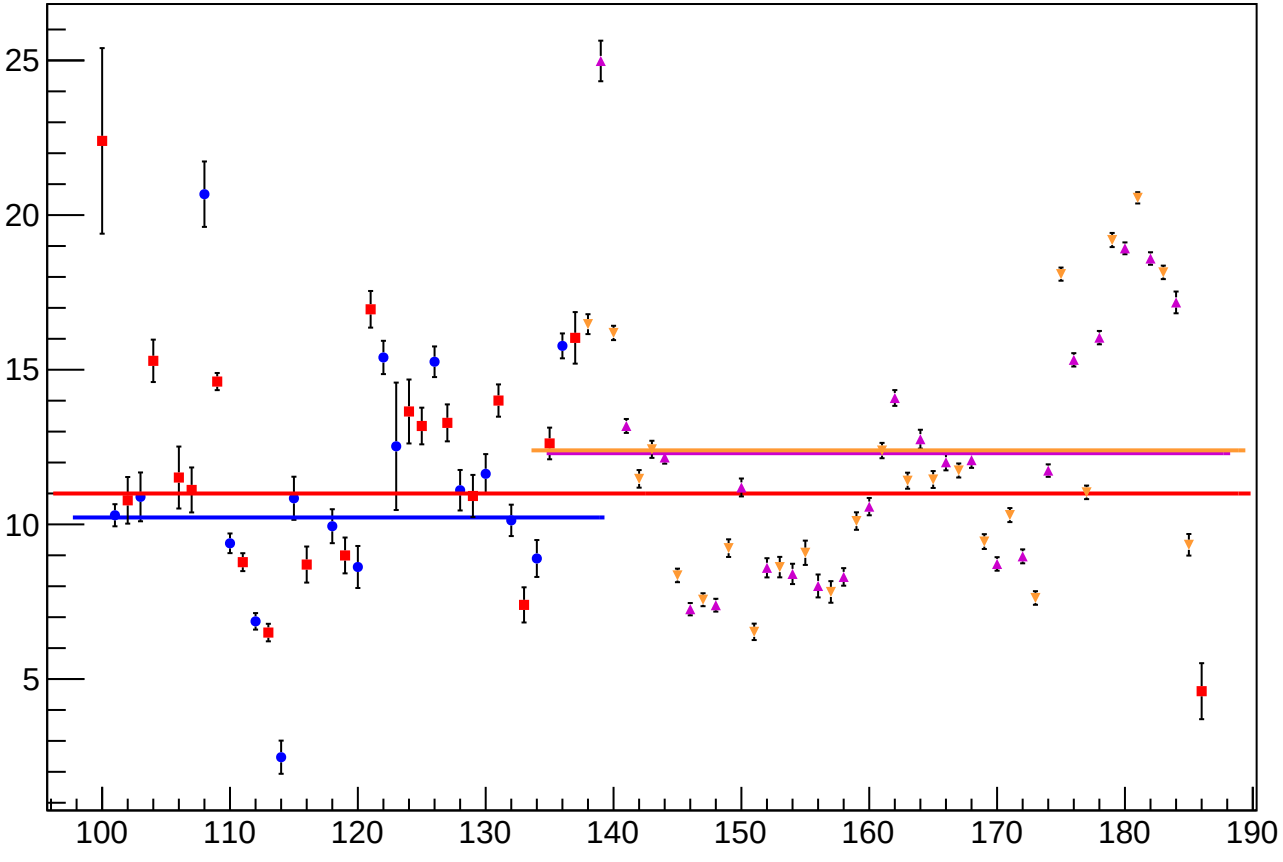
Right: 41.126+/-0.726 χ^2/NDF: 0.0/0

In: 9.315+/-0.063 χ^2/NDF:11007.3/22

Out: 9.694+/-0.061 χ^2/NDF:14463.4/25

All: 9.509+/-0.044 χ^2/NDF: 25489.4/48

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 12.393+/-0.050 χ^2/NDF:7525.9/24

Right Out: 10.999+/-0.115 χ^2/NDF: 867.8/19

Left In: 12.302+/-0.051 χ^2/NDF:5661.3/22

Left: 12.349+/-0.036 χ^2/NDF: 13188.8/47

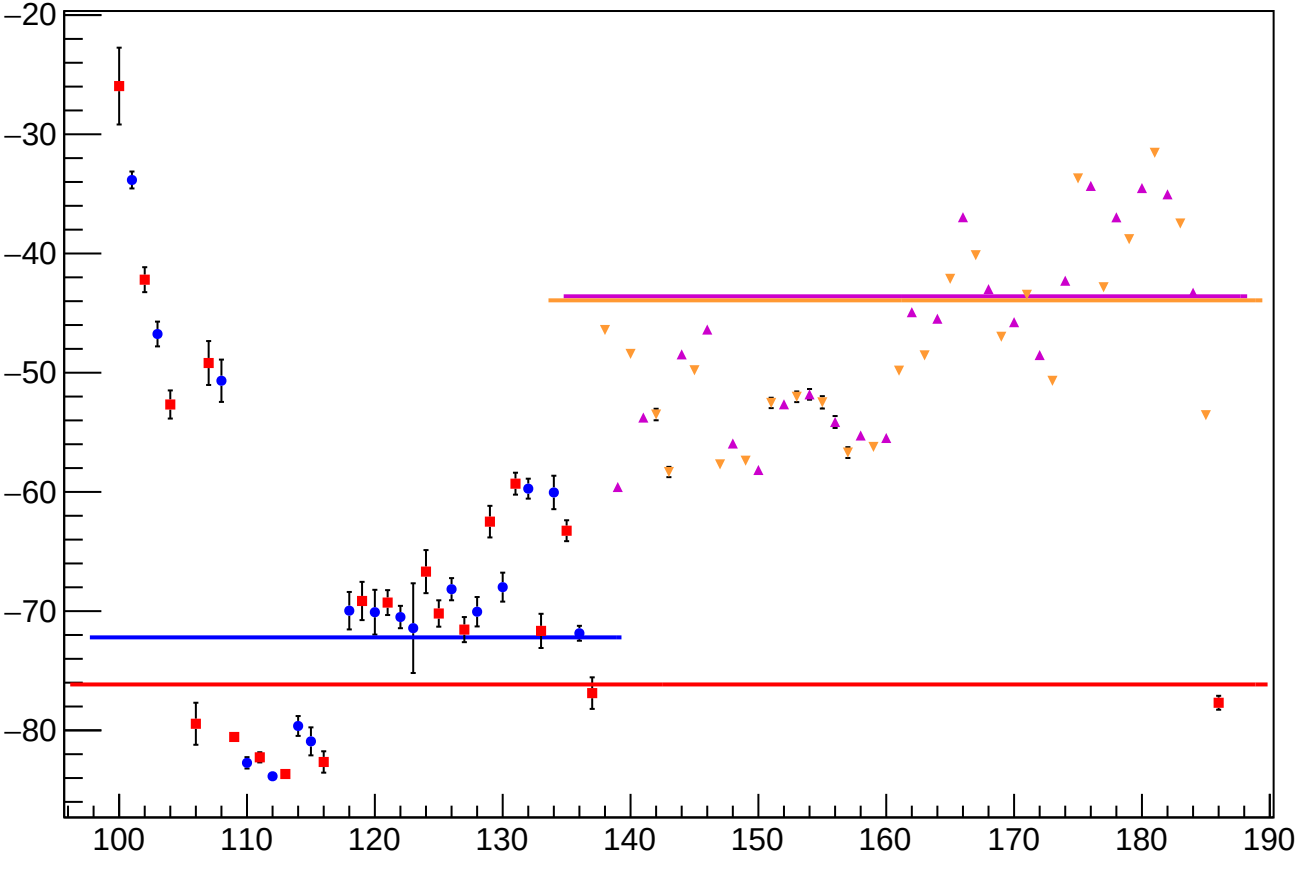
Right: 10.623+/-0.083 χ^2/NDF: 1767.3/36

In: 11.979+/-0.047 χ^2/NDF:6796.7/39

Out: 12.174+/-0.046 χ^2/NDF:8516.7/44

All: 12.079+/-0.033 χ^2/NDF: 15322.3/84

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -43.930+/-0.062 χ^2/NDF:17576.0/24

Right Out: -76.150+/-0.173 χ^2/NDF: 3473.0/19

Left In: -43.591+/-0.063 χ^2/NDF:15574.9/22

Left: -43.763+/-0.044 χ^2/NDF: 33165.5/47

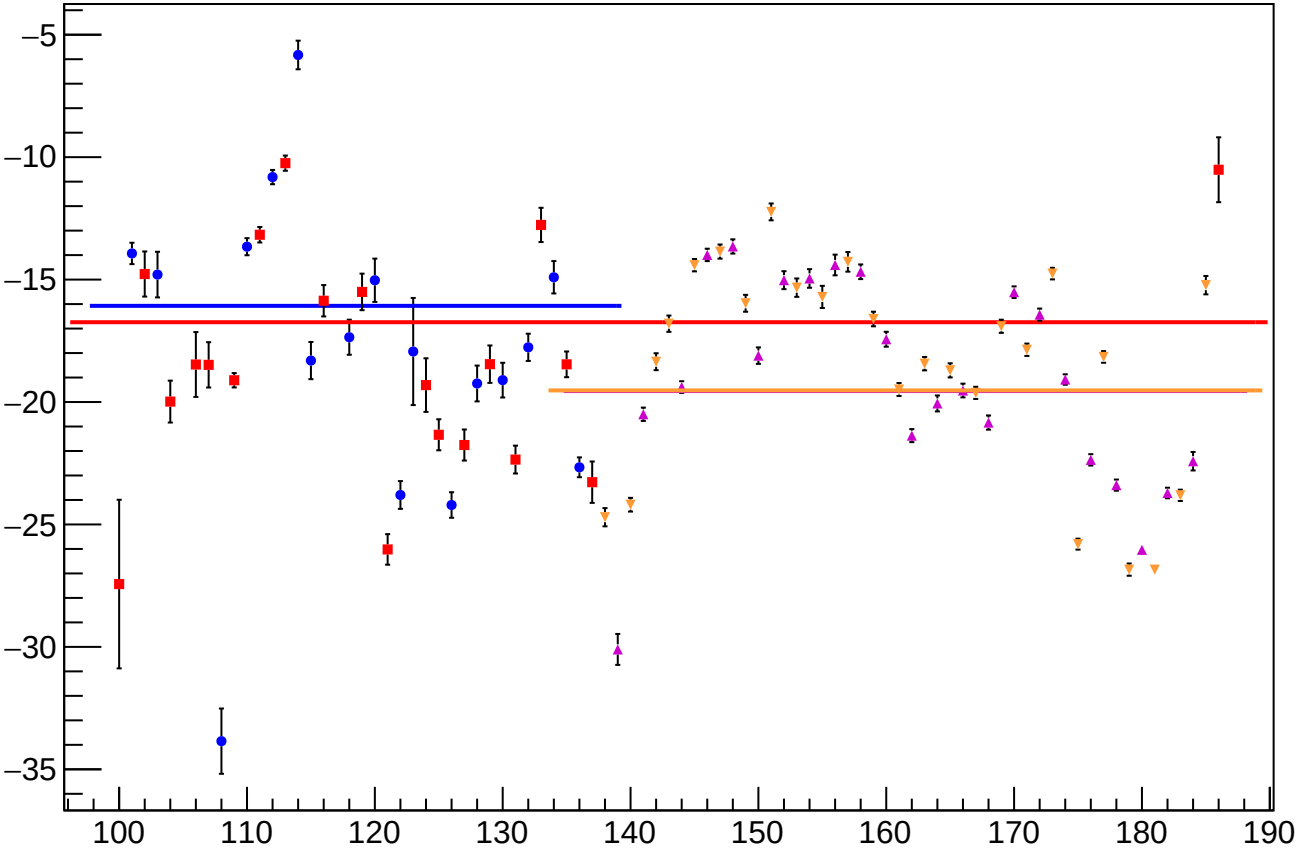
Right: -74.439+/-0.130 χ^2/NDF: 9266.1/36

In: -46.234+/-0.060 χ^2/NDF:40150.5/39

Out: -47.606+/-0.058 χ^2/NDF:51839.9/44

All: -46.940+/-0.042 χ^2/NDF: 92258.6/84

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -19.526+/-0.056 χ^2/NDF:6493.0/24

Right Out: -16.741+/-0.128 χ^2/NDF: 1238.0/19

Left In: -19.552+/-0.057 χ^2/NDF:4359.1/22

Left: -19.539+/-0.040 χ^2/NDF: 10852.2/47

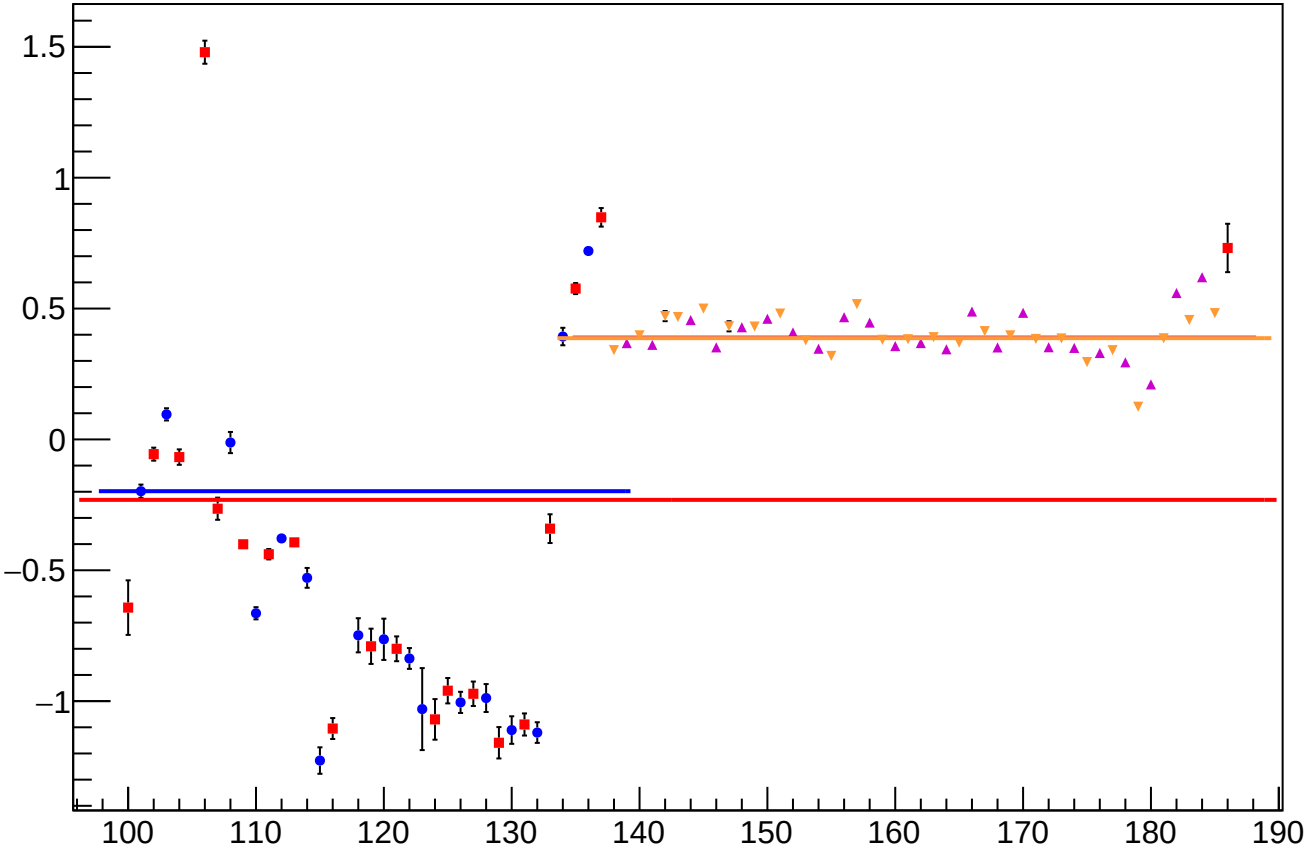
Right: -16.418+/-0.092 χ^2/NDF: 2892.2/36

In: -19.004+/-0.052 χ^2/NDF:6584.5/39

Out: -19.078+/-0.051 χ^2/NDF:8131.0/44

All: -19.042+/-0.037 χ^2/NDF: 14716.6/84

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.387+/-0.003 χ^2/NDF:989.2/24

Right Out: -0.231+/-0.007 χ^2/NDF: 6331.0/19

Left In: 0.389+/-0.003 χ^2/NDF:1257.1/22

Left: 0.388+/-0.002 χ^2/NDF: 2246.7/47

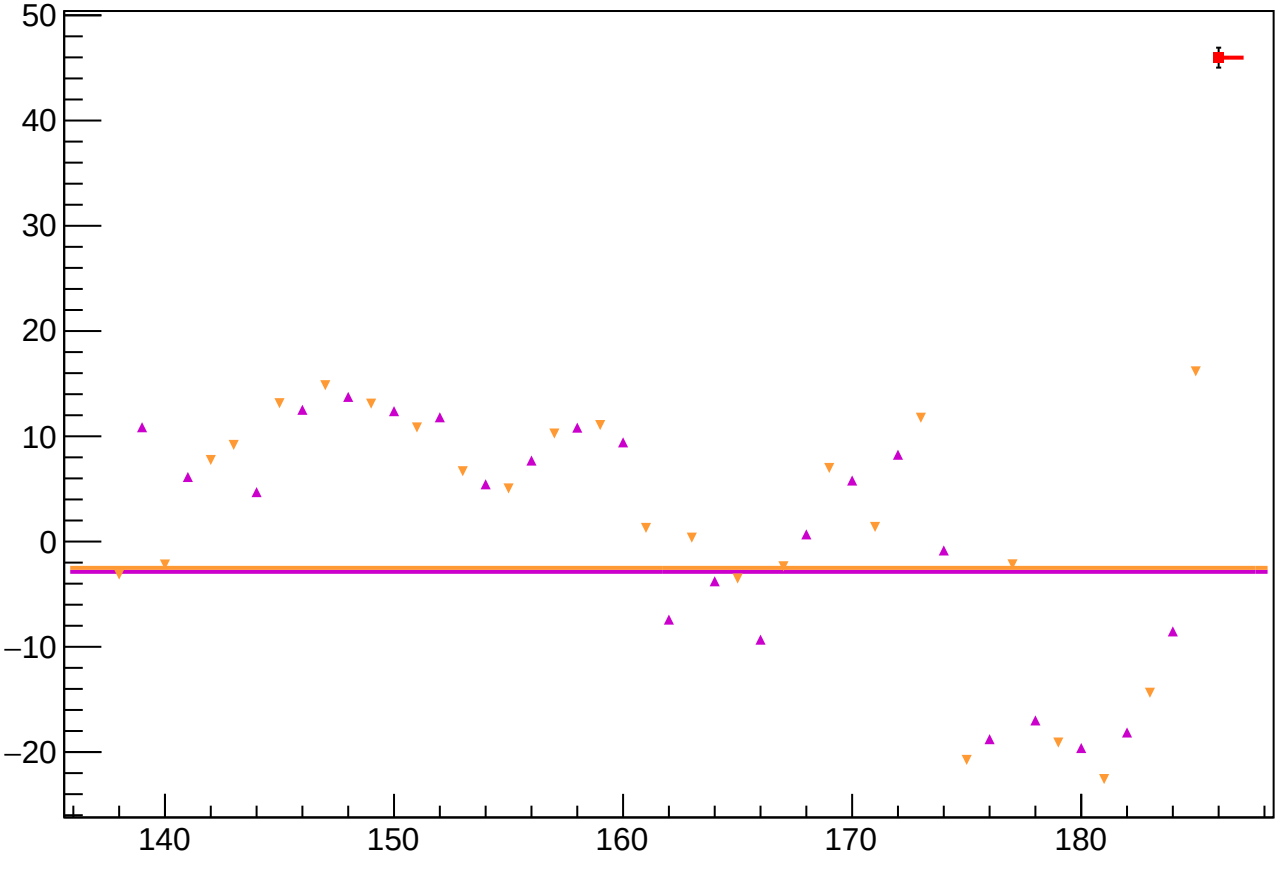
Right: -0.215+/-0.005 χ^2/NDF: 12679.9/36

In: 0.326+/-0.002 χ^2/NDF:13013.3/39

Out: 0.316+/-0.002 χ^2/NDF:13935.5/44

All: 0.321+/-0.002 χ^2/NDF: 26957.1/84

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -2.499+/-0.053 χ^2/NDF:55930.9/24

Right Out: 45.976+/-0.947 χ^2/NDF: 0.0/0

Left In: -2.876+/-0.055 χ^2/NDF:46380.9/22

Left: -2.681+/-0.038 χ^2/NDF: 102336.4/47

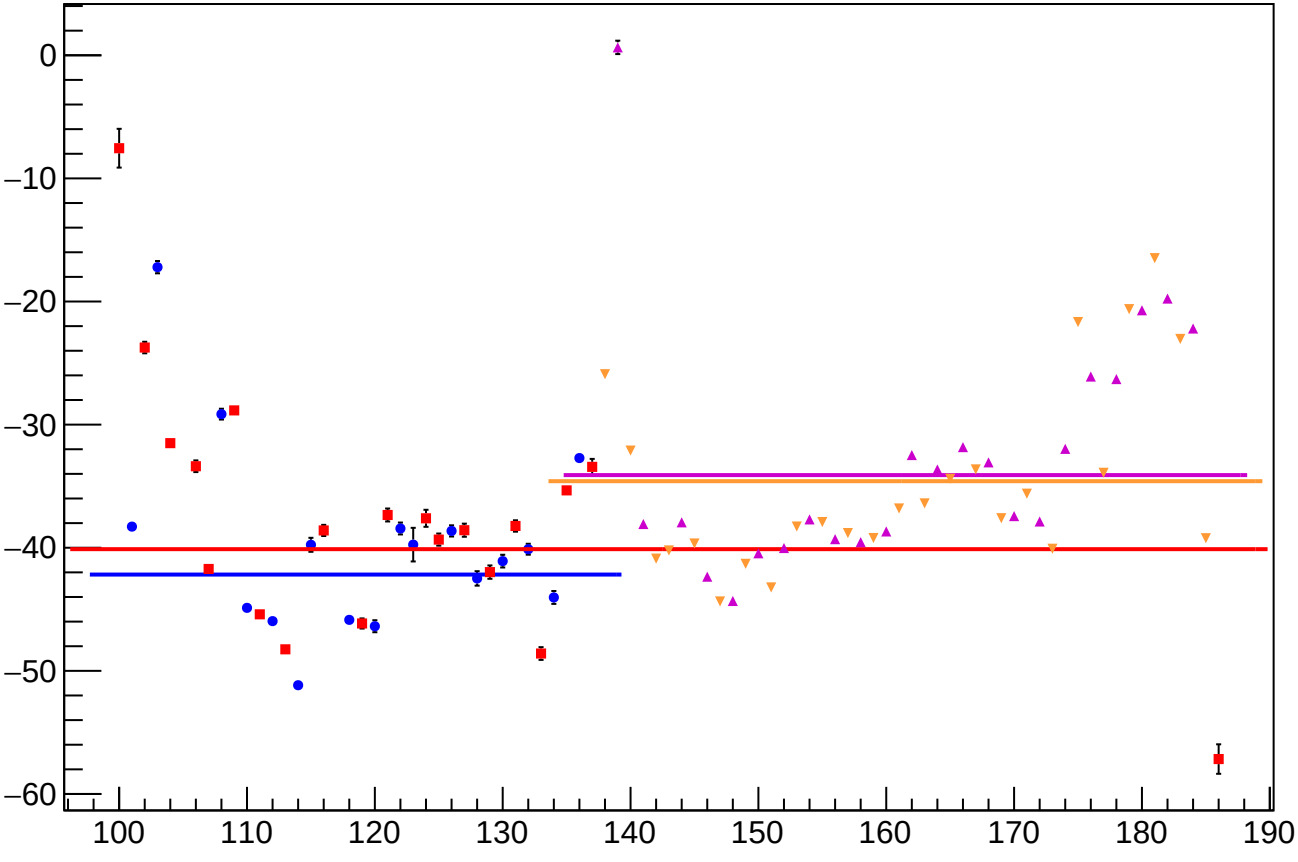
Right: 45.976+/-0.947 χ^2/NDF: 0.0/0

In: -2.876+/-0.055 χ^2/NDF:46380.9/22

Out: -2.348+/-0.053 χ^2/NDF:58540.6/25

All: -2.603+/-0.038 χ^2/NDF: 104969.7/48

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -34.594+/-0.042 χ^2/NDF:34404.6/24

Right Out: -40.115+/-0.073 χ^2/NDF: 11516.9/19

Left In: -34.099+/-0.044 χ^2/NDF:29370.6/22

Left: -34.358+/-0.030 χ^2/NDF: 63841.7/47

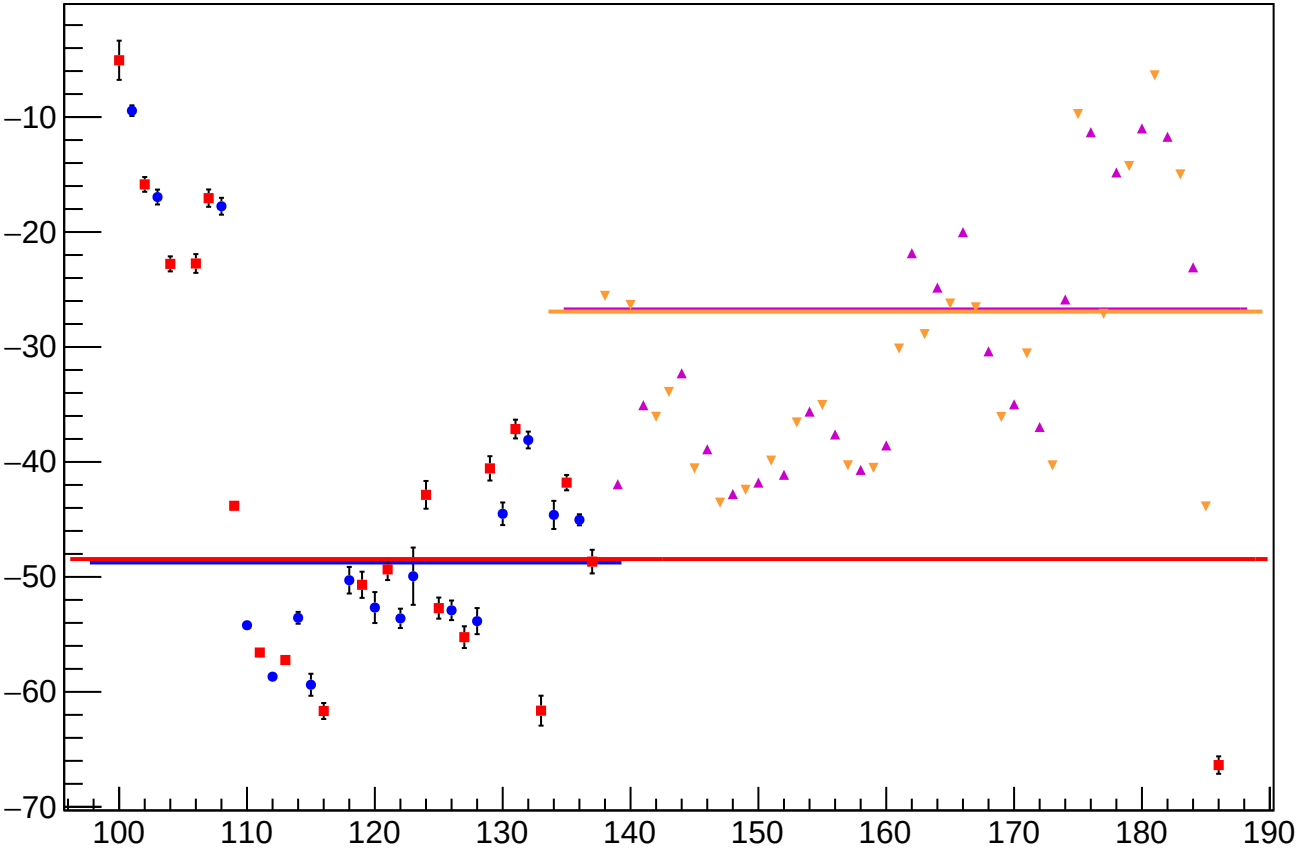
Right: -41.077+/-0.053 χ^2/NDF: 18466.6/36

In: -36.048+/-0.038 χ^2/NDF:44134.8/39

Out: -35.975+/-0.036 χ^2/NDF:50252.0/44

All: -36.010+/-0.026 χ^2/NDF: 94388.7/84

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -26.920+/-0.053 χ^2/NDF:49198.9/24

Right Out: -48.448+/-0.106 χ^2/NDF: 12299.6/19

Left In: -26.733+/-0.055 χ^2/NDF:42643.0/22

Left: -26.829+/-0.038 χ^2/NDF: 91847.9/47

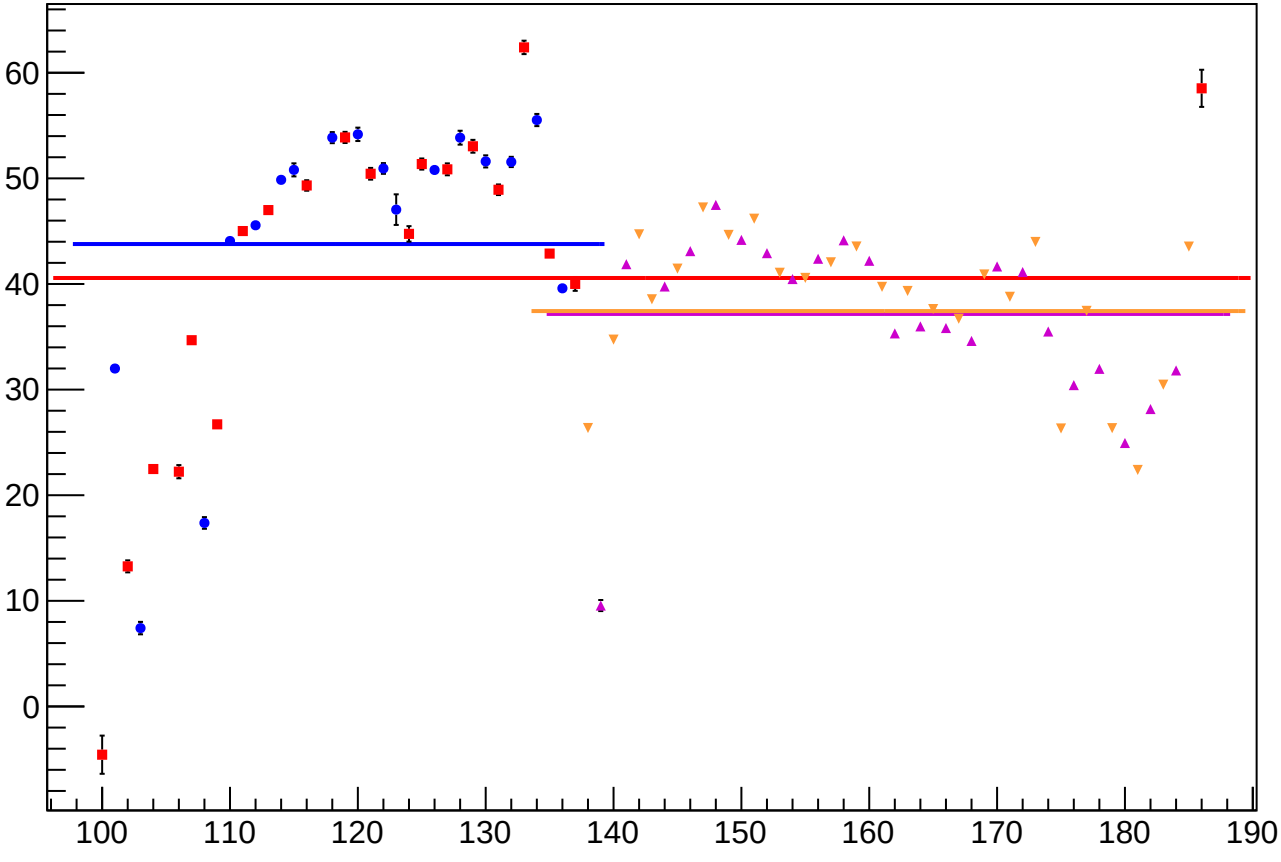
Right: -48.572+/-0.081 χ^2/NDF: 26961.3/36

In: -30.300+/-0.050 χ^2/NDF:83520.3/39

Out: -31.258+/-0.048 χ^2/NDF:94332.0/44

All: -30.803+/-0.035 χ^2/NDF: 178044.1/84

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 37.435+/-0.047 χ^2/NDF:21517.4/24

Right Out: 40.568+/-0.080 χ^2/NDF: 17685.2/19

Left In: 37.164+/-0.049 χ^2/NDF:17427.3/22

Left: 37.305+/-0.034 χ^2/NDF: 38960.5/47

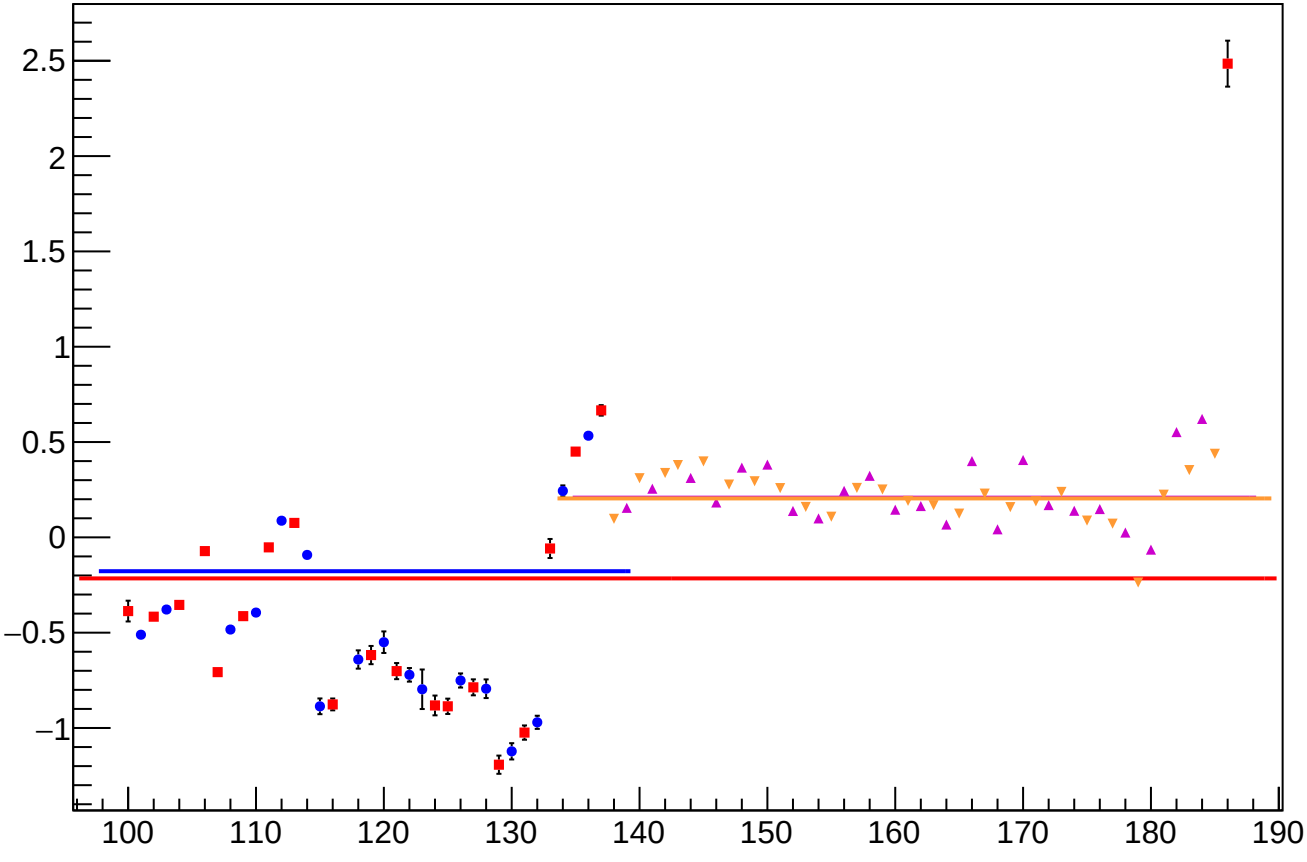
Right: 42.049+/-0.059 χ^2/NDF: 29066.2/36

In: 38.774+/-0.043 χ^2/NDF:32482.6/39

Out: 38.246+/-0.041 χ^2/NDF:40336.5/44

All: 38.497+/-0.029 χ^2/NDF: 72899.2/84

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.204+/-0.002 χ^2/NDF:3801.8/24

Right Out: -0.215+/-0.004 χ^2/NDF: 7972.1/19

Left In: 0.208+/-0.002 χ^2/NDF:5095.2/22

Left: 0.206+/-0.002 χ^2/NDF: 8898.7/47

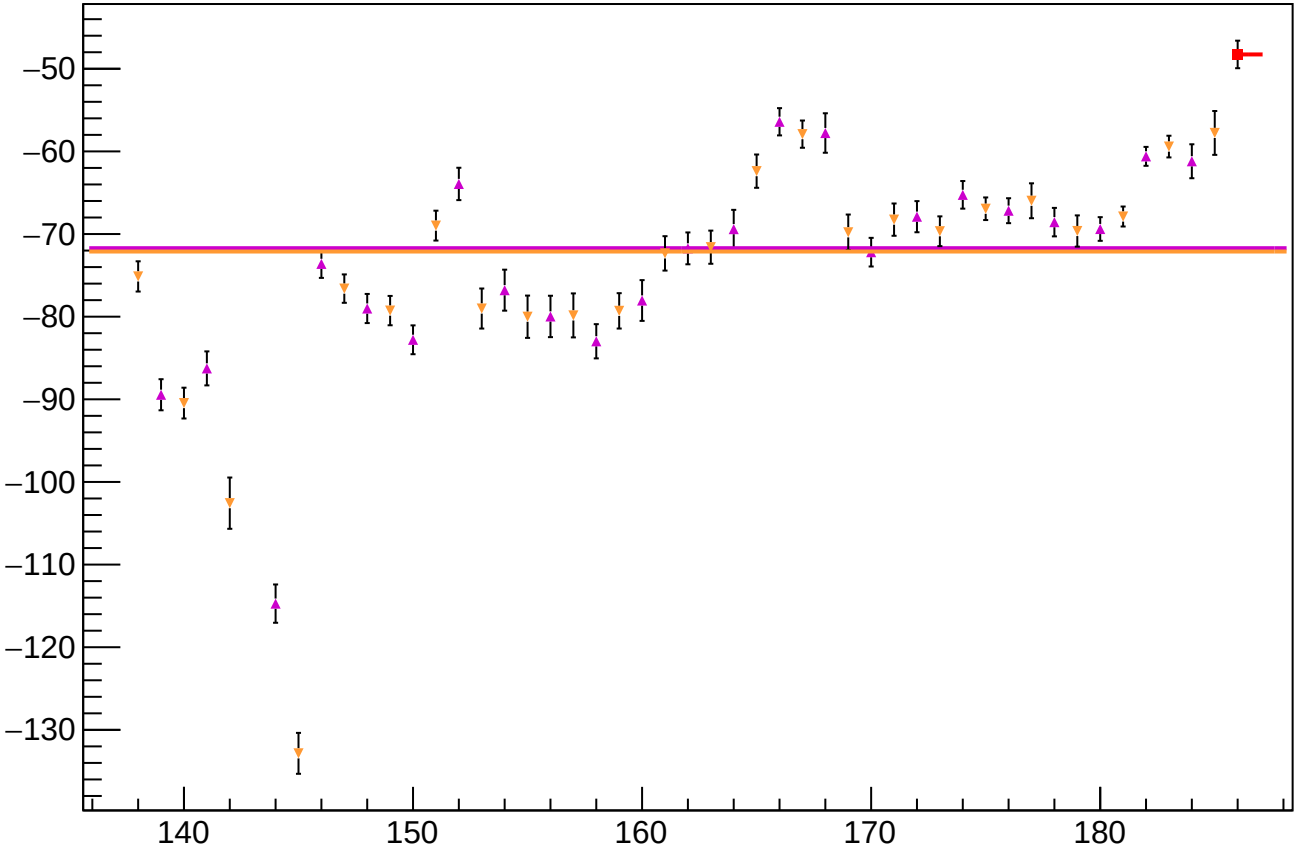
Right: -0.199+/-0.003 χ^2/NDF: 15382.1/36

In: 0.140+/-0.002 χ^2/NDF:17715.7/39

Out: 0.118+/-0.002 χ^2/NDF:19356.3/44

All: 0.129+/-0.001 χ^2/NDF: 37132.8/84

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -72.115+/-0.383 χ^2/NDF:1125.2/23

Right Out: -48.267+/-1.666 χ^2/NDF: 0.0/0

Left In: -71.713+/-0.380 χ^2/NDF:884.6/22

Left: -71.913+/-0.270 χ^2/NDF: 2010.3/46

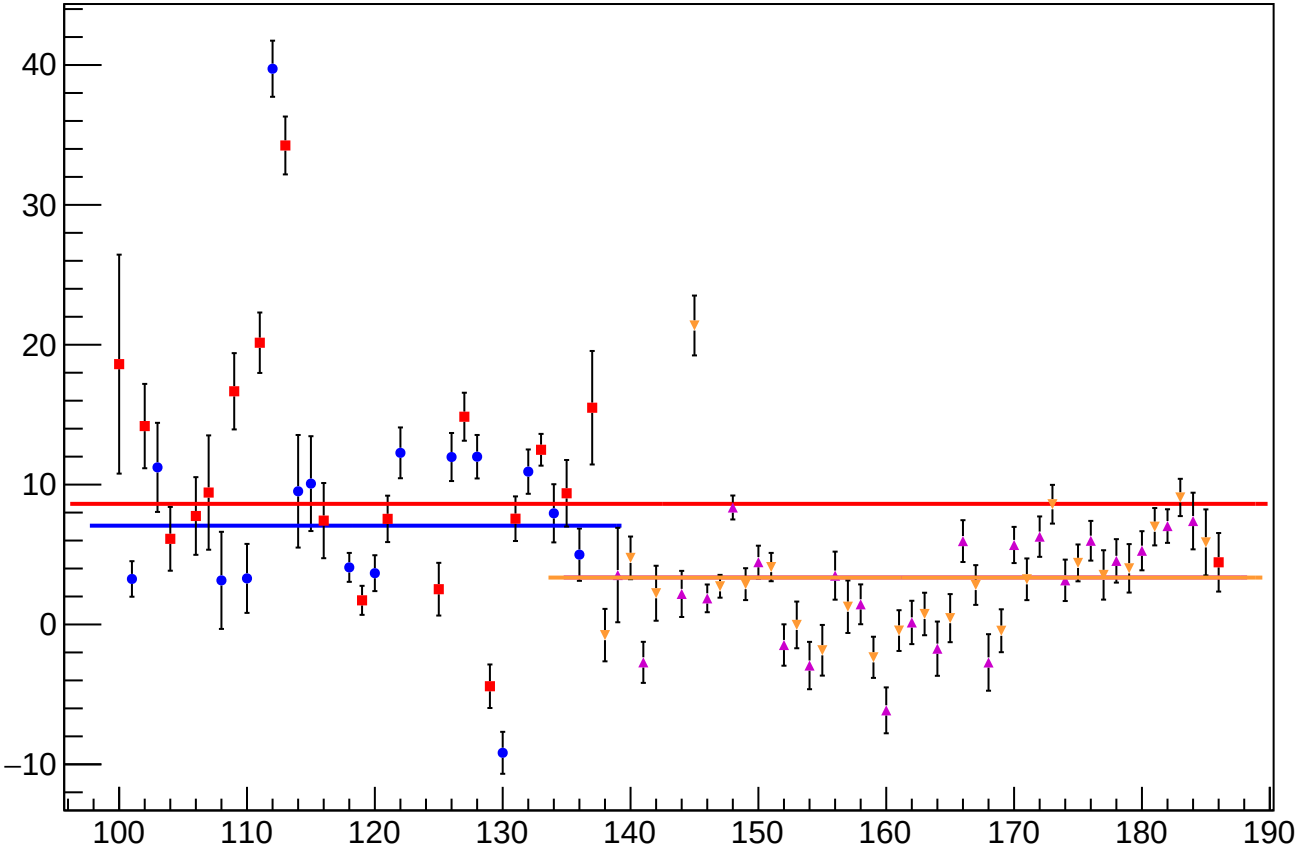
Right: -48.267+/-1.666 χ^2/NDF: 0.0/0

In: -71.713+/-0.380 χ^2/NDF:884.6/22

Out: -70.920+/-0.373 χ^2/NDF:1319.8/24

All: -71.309+/-0.266 χ^2/NDF: 2206.6/47

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 3.353+/-0.295 χ^2/NDF:167.8/23

Right Out: 8.623+/-0.439 χ^2/NDF: 354.5/18

Left In: 3.360+/-0.298 χ^2/NDF:164.5/22

Left: 3.356+/-0.209 χ^2/NDF: 332.3/46

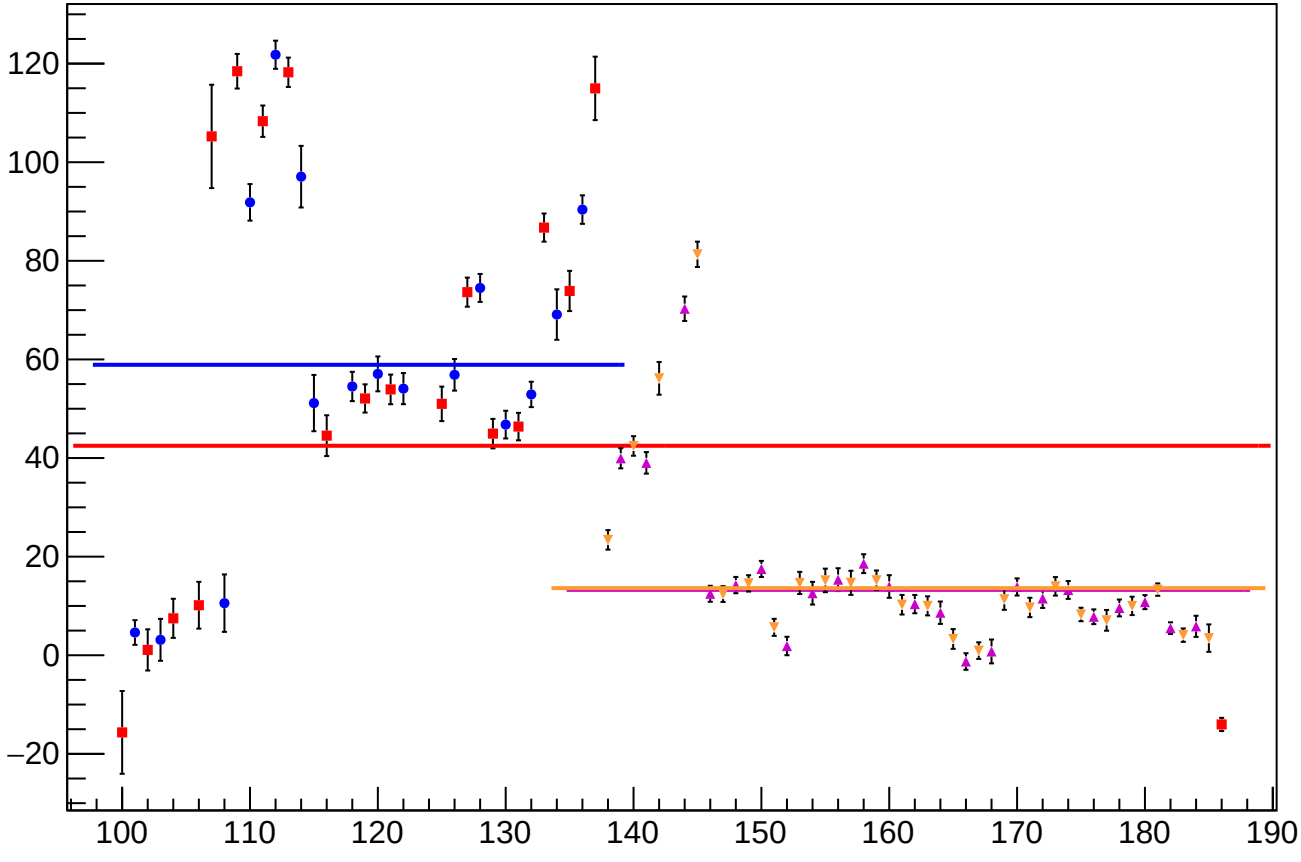
Right: 7.834+/-0.308 χ^2/NDF: 807.8/34

In: 4.546+/-0.245 χ^2/NDF:661.0/38

Out: 4.990+/-0.245 χ^2/NDF:621.7/42

All: 4.768+/-0.173 χ^2/NDF: 1284.4/81

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 13.610+/-0.382 χ^2/NDF:1303.3/23

Right Out: 42.492+/-0.711 χ^2/NDF: 4209.5/18

Left In: 13.262+/-0.379 χ^2/NDF:1077.0/22

Left: 13.434+/-0.269 χ^2/NDF: 2380.7/46

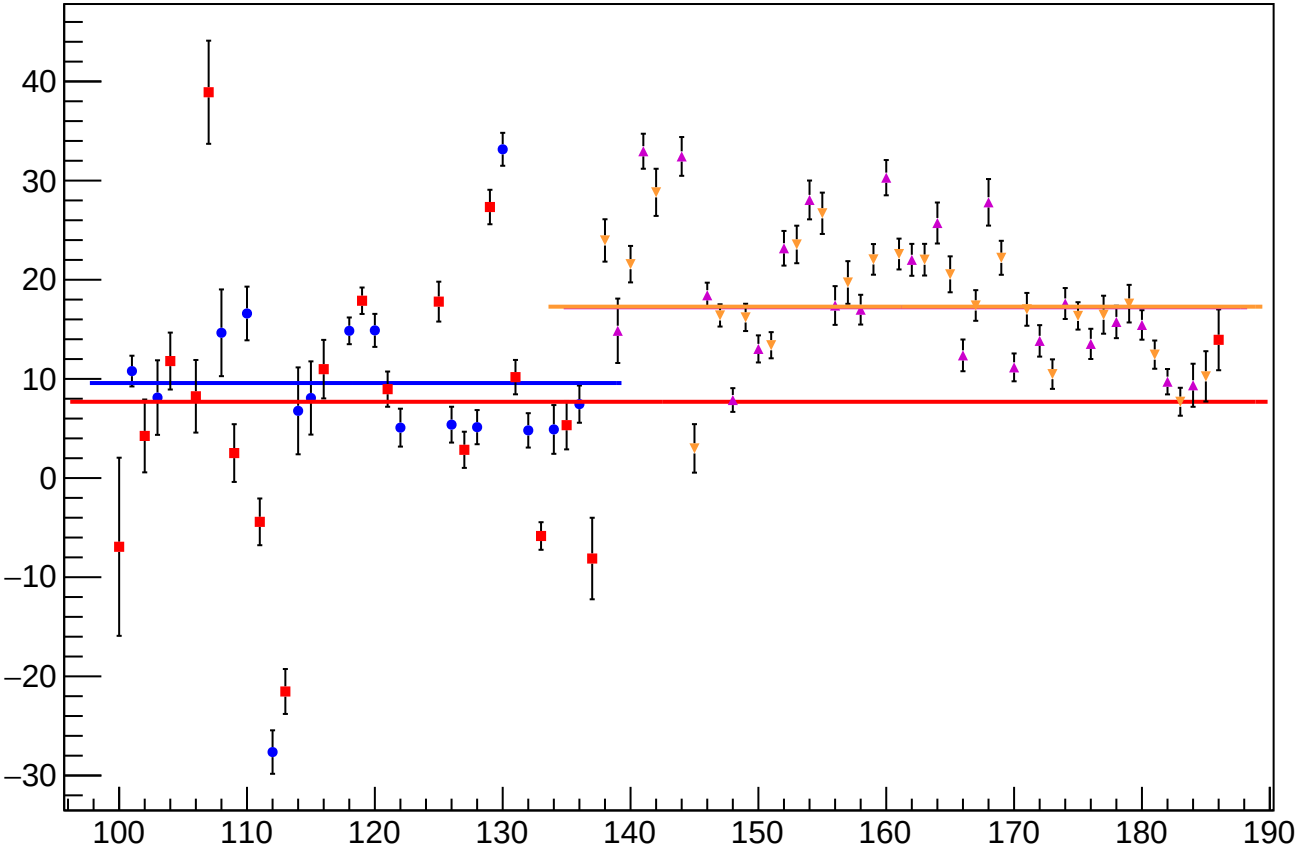
Right: 49.433+/-0.541 χ^2/NDF: 5931.4/34

In: 21.100+/-0.345 χ^2/NDF:5070.9/38

Out: 20.065+/-0.336 χ^2/NDF:6792.4/42

All: 20.570+/-0.241 χ^2/NDF: 11867.9/81

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 17.285+/-0.337 χ^2/NDF:244.0/23

Right Out: 7.692+/-0.509 χ^2/NDF: 574.1/18

Left In: 17.224+/-0.339 χ^2/NDF:442.2/22

Left: 17.255+/-0.239 χ^2/NDF: 686.2/46

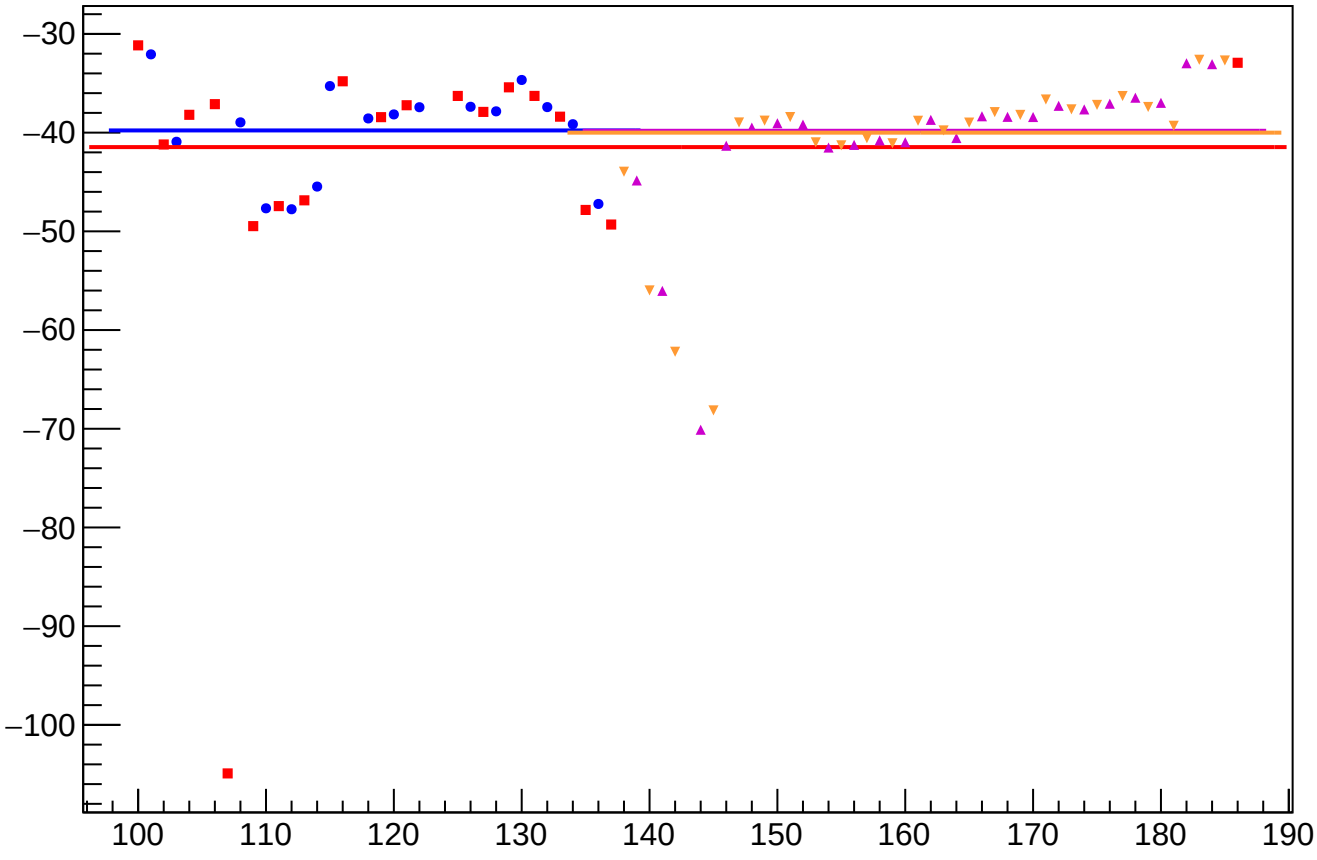
Right: 8.651+/-0.357 χ^2/NDF: 1135.5/34

In: 14.830+/-0.281 χ^2/NDF:1156.3/38

Out: 14.358+/-0.281 χ^2/NDF:1065.3/42

All: 14.594+/-0.198 χ^2/NDF: 2223.0/81

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -40.002+/-0.016 χ^2/NDF:172150.1/23

Right Out: -41.465+/-0.031 χ^2/NDF: 96121.5/18

Left In: -39.813+/-0.016 χ^2/NDF:145790.5/22

Left: -39.906+/-0.011 χ^2/NDF: 318013.1/46

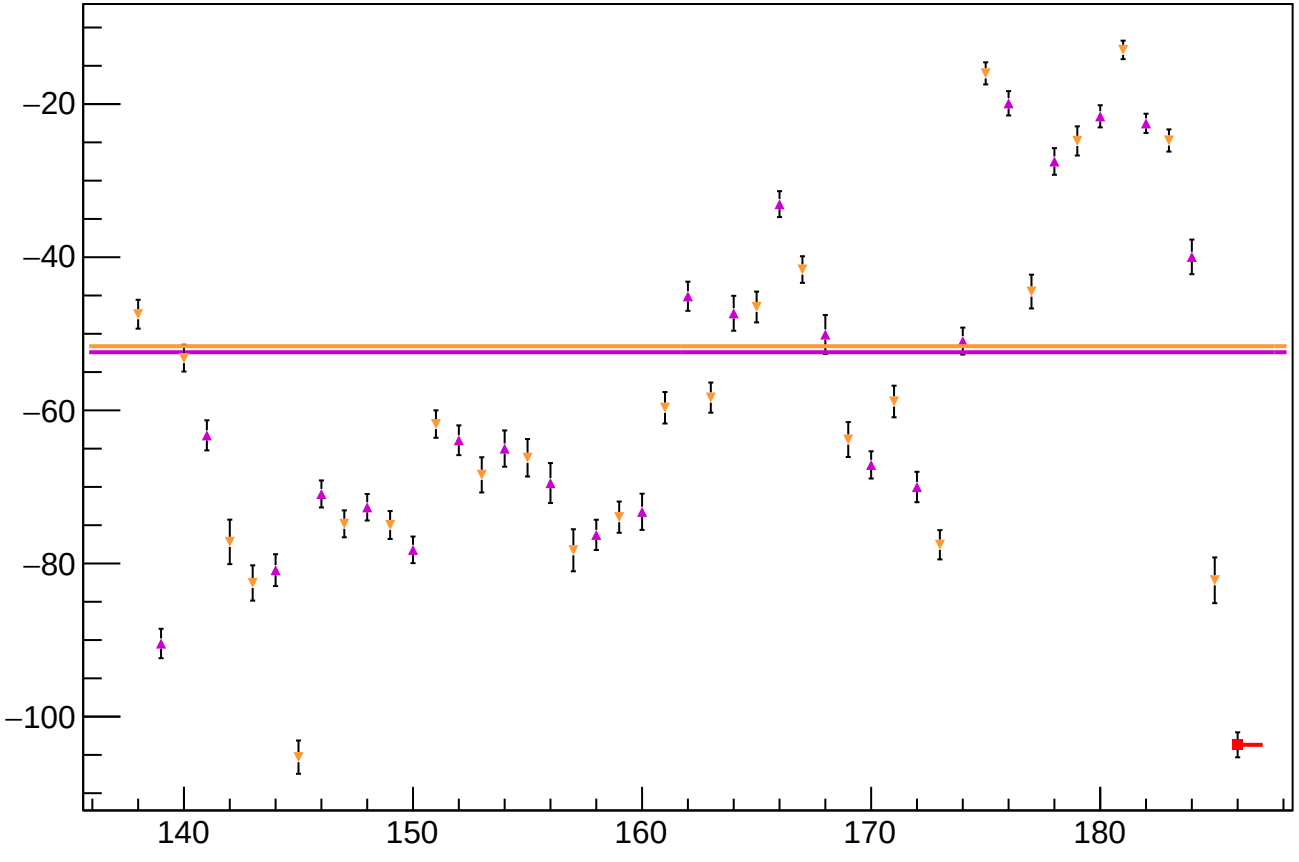
Right: -40.627+/-0.022 χ^2/NDF: 123766.6/34

In: -39.806+/-0.014 χ^2/NDF:171949.6/38

Out: -40.304+/-0.014 χ^2/NDF:270056.8/42

All: -40.053+/-0.010 χ^2/NDF: 442641.9/81

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -51.622+/-0.383 χ^2/NDF:4133.0/24

Right Out: -103.683+/-1.632 χ^2/NDF: 0.0/0

Left In: -52.409+/-0.387 χ^2/NDF:3378.7/22

Left: -52.012+/-0.272 χ^2/NDF: 7513.8/47

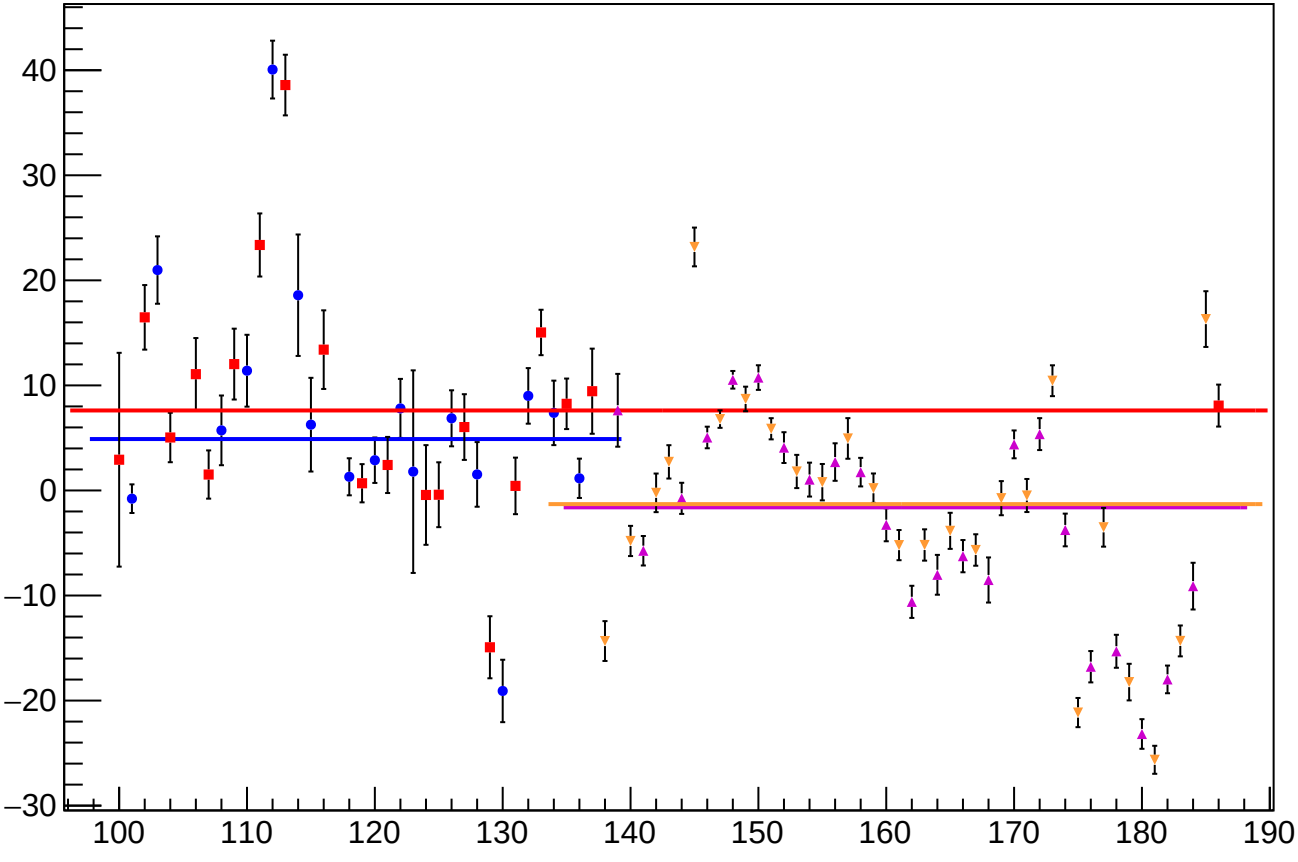
Right: -103.683+/-1.632 χ^2/NDF: 0.0/0

In: -52.409+/-0.387 χ^2/NDF:3378.7/22

Out: -54.347+/-0.373 χ^2/NDF:5097.9/25

All: -53.413+/-0.269 χ^2/NDF: 8489.6/48

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: -1.300+/-0.293 χ^2/NDF:1315.7/24

Right Out: 7.614+/-0.619 χ^2/NDF: 270.2/19

Left In: -1.608+/-0.299 χ^2/NDF:1097.4/22

Left: -1.450+/-0.209 χ^2/NDF: 2413.6/47

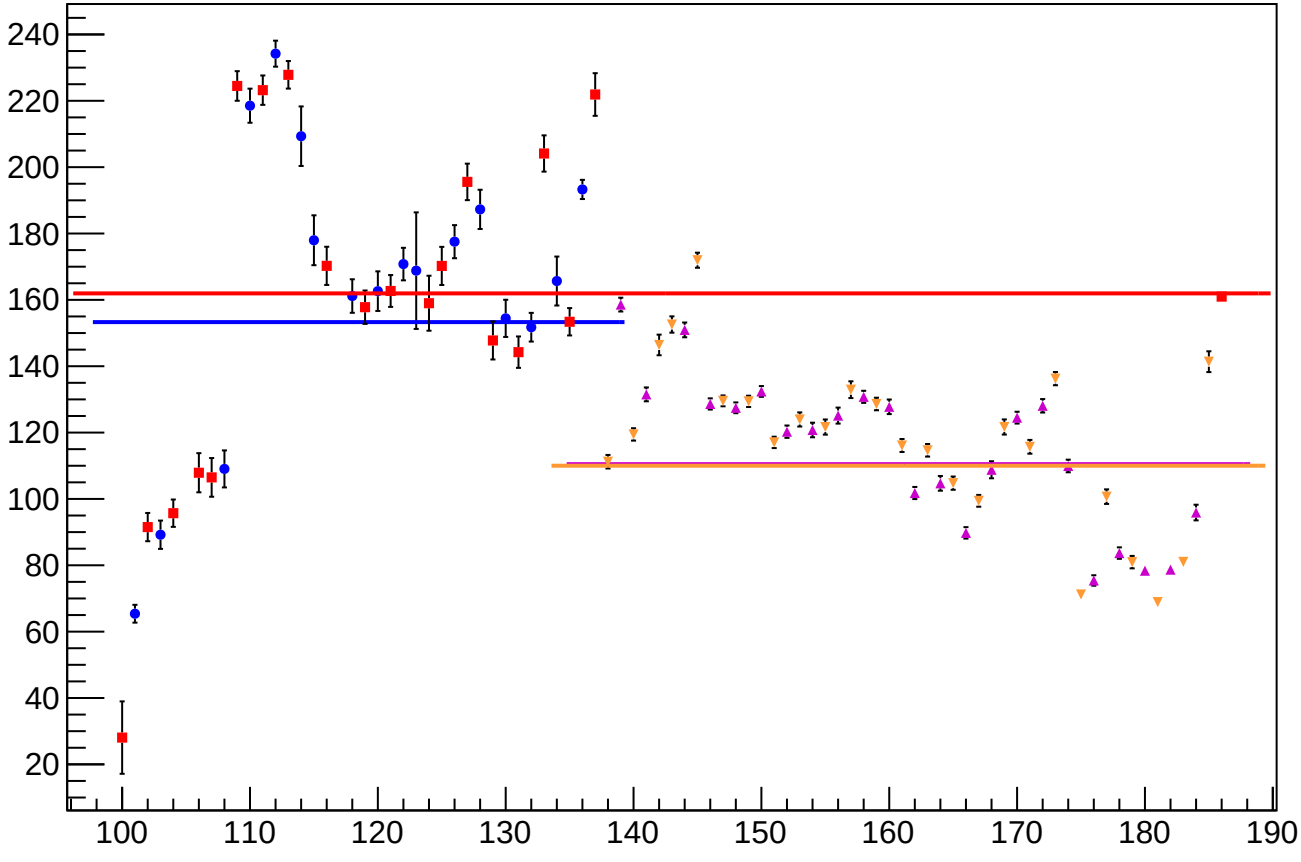
Right: 6.258+/-0.439 χ^2/NDF: 575.2/36

In: -0.381+/-0.270 χ^2/NDF:1481.6/39

Out: 0.325+/-0.265 χ^2/NDF:1755.3/44

All: -0.021+/-0.189 χ^2/NDF: 3240.4/84

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 110.012+/-0.383 χ^2/NDF:4537.0/24

Right Out: 161.953+/-0.874 χ^2/NDF: 1709.7/19

Left In: 110.482+/-0.385 χ^2/NDF:3824.9/22

Left: 110.246+/-0.271 χ^2/NDF: 8362.7/47

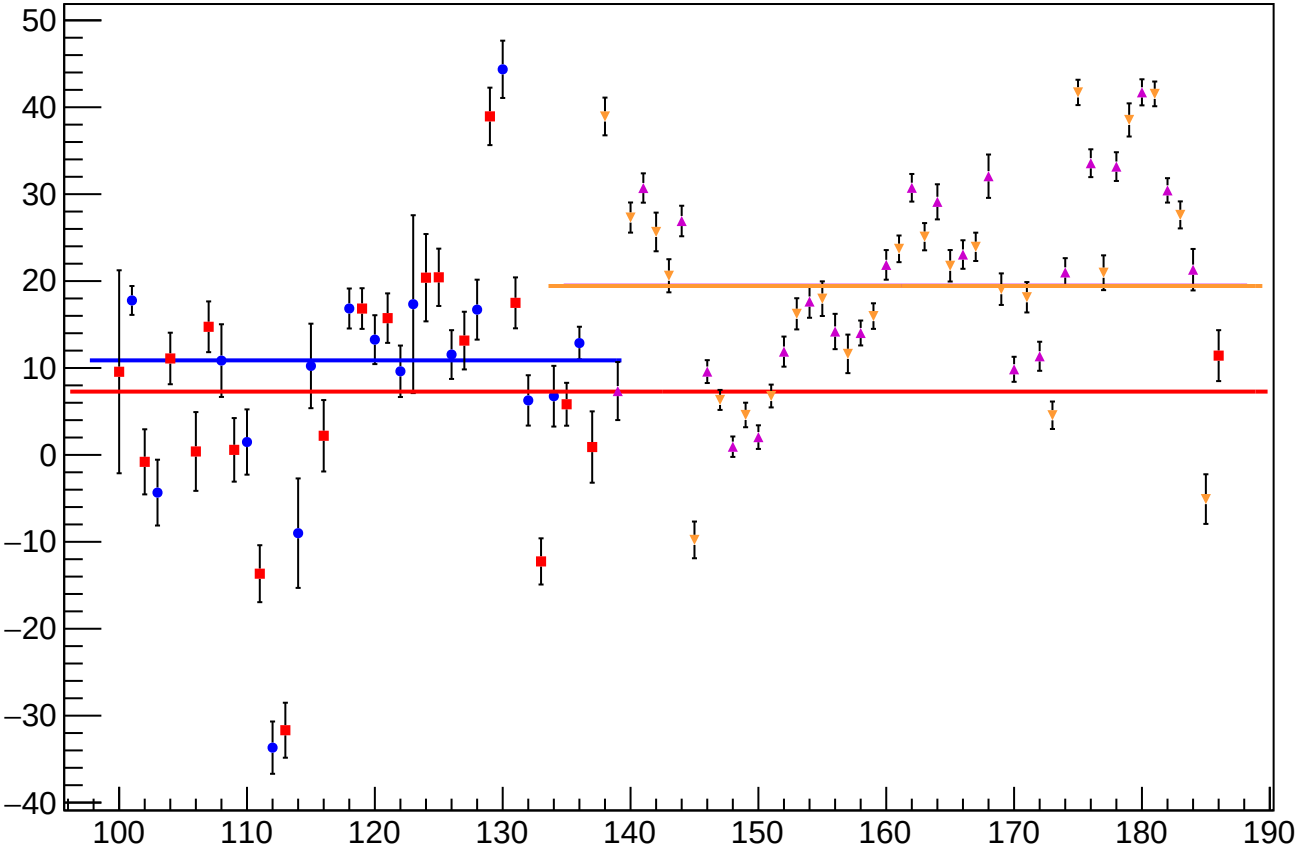
Right: 158.767+/-0.695 χ^2/NDF: 4012.6/36

In: 114.827+/-0.365 χ^2/NDF:7348.6/39

Out: 118.375+/-0.351 χ^2/NDF:9211.6/44

All: 116.671+/-0.253 χ^2/NDF: 16609.4/84

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 19.434+/-0.336 χ^2/NDF:1452.3/24

Right Out: 7.284+/-0.725 χ^2/NDF: 426.7/19

Left In: 19.472+/-0.342 χ^2/NDF:1188.2/22

Left: 19.453+/-0.239 χ^2/NDF: 2640.5/47

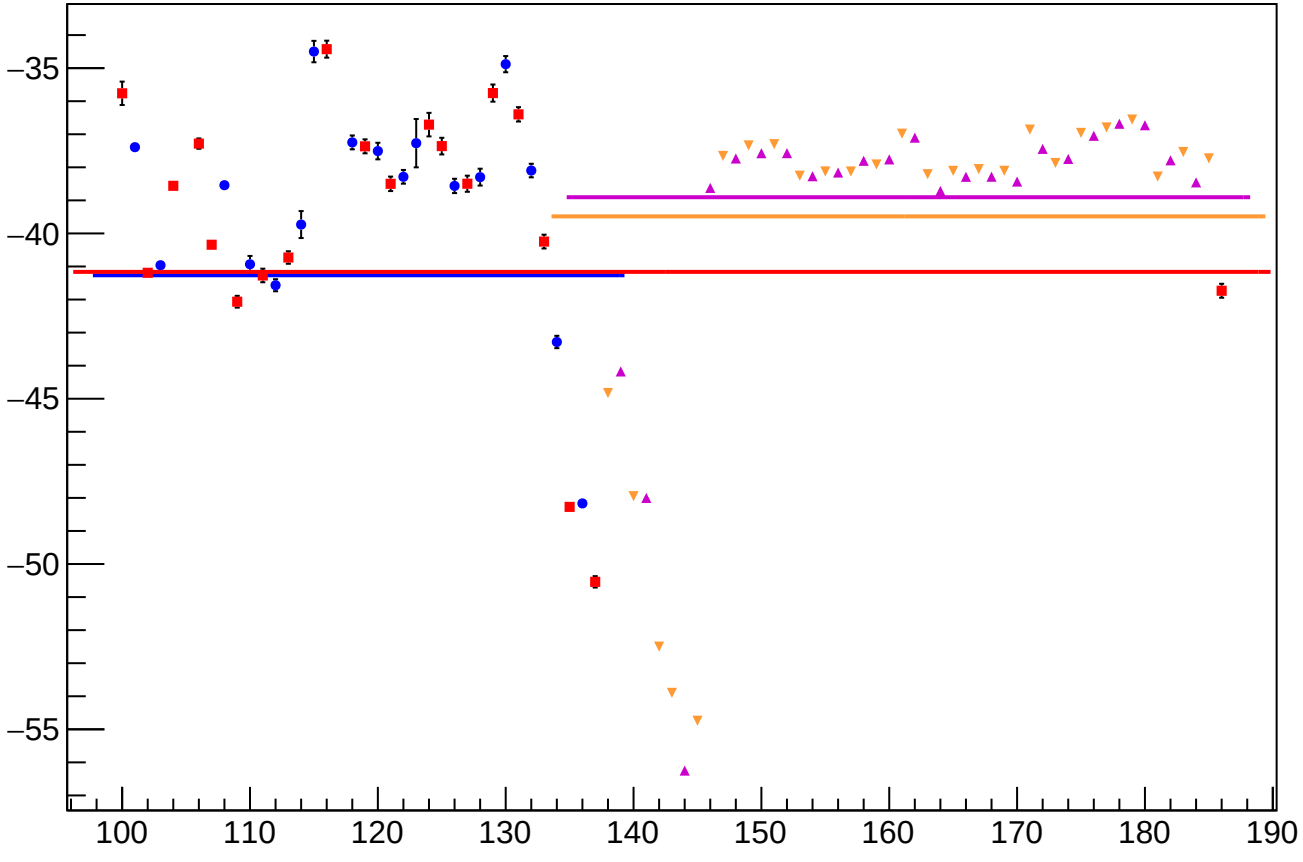
Right: 9.109+/-0.508 χ^2/NDF: 827.2/36

In: 17.869+/-0.308 χ^2/NDF:1694.3/39

Out: 17.290+/-0.304 χ^2/NDF:2110.4/44

All: 17.576+/-0.217 χ^2/NDF: 3806.5/84

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -39.484+/-0.016 χ^2/NDF:88877.3/24

Right Out: -41.163+/-0.038 χ^2/NDF: 12226.3/19

Left In: -38.905+/-0.016 χ^2/NDF:54282.7/22

Left: -39.195+/-0.011 χ^2/NDF: 143834.7/47

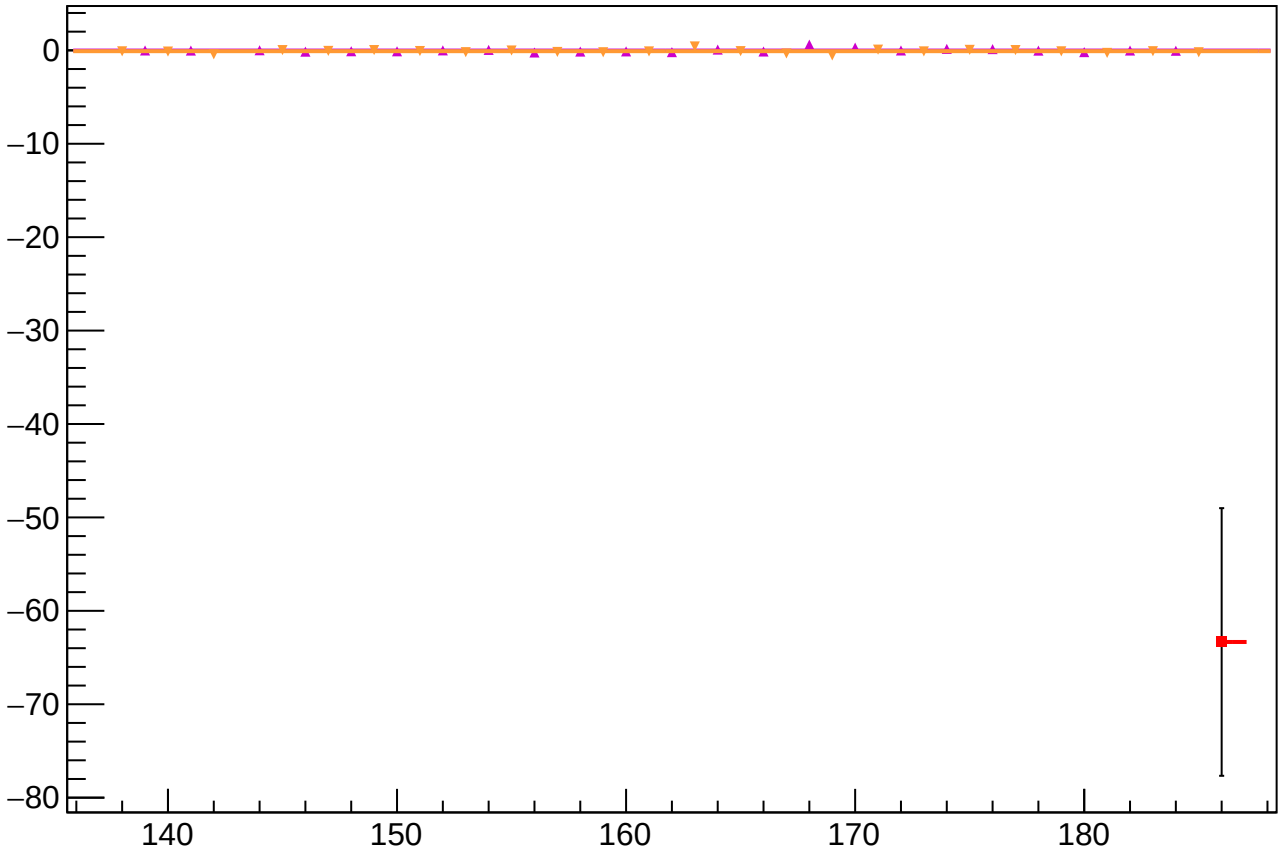
Right: -41.213+/-0.027 χ^2/NDF: 24799.9/36

In: -39.245+/-0.015 χ^2/NDF:70071.3/39

Out: -39.731+/-0.015 χ^2/NDF:102768.9/44

All: -39.489+/-0.010 χ^2/NDF: 173394.8/84

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.089+/-0.022 χ^2/NDF:40.0/23

Right Out: -63.334+/-14.326 χ^2/NDF: 0.0/0

Left In: -0.026+/-0.022 χ^2/NDF:32.3/22

Left: -0.057+/-0.016 χ^2/NDF: 76.4/46

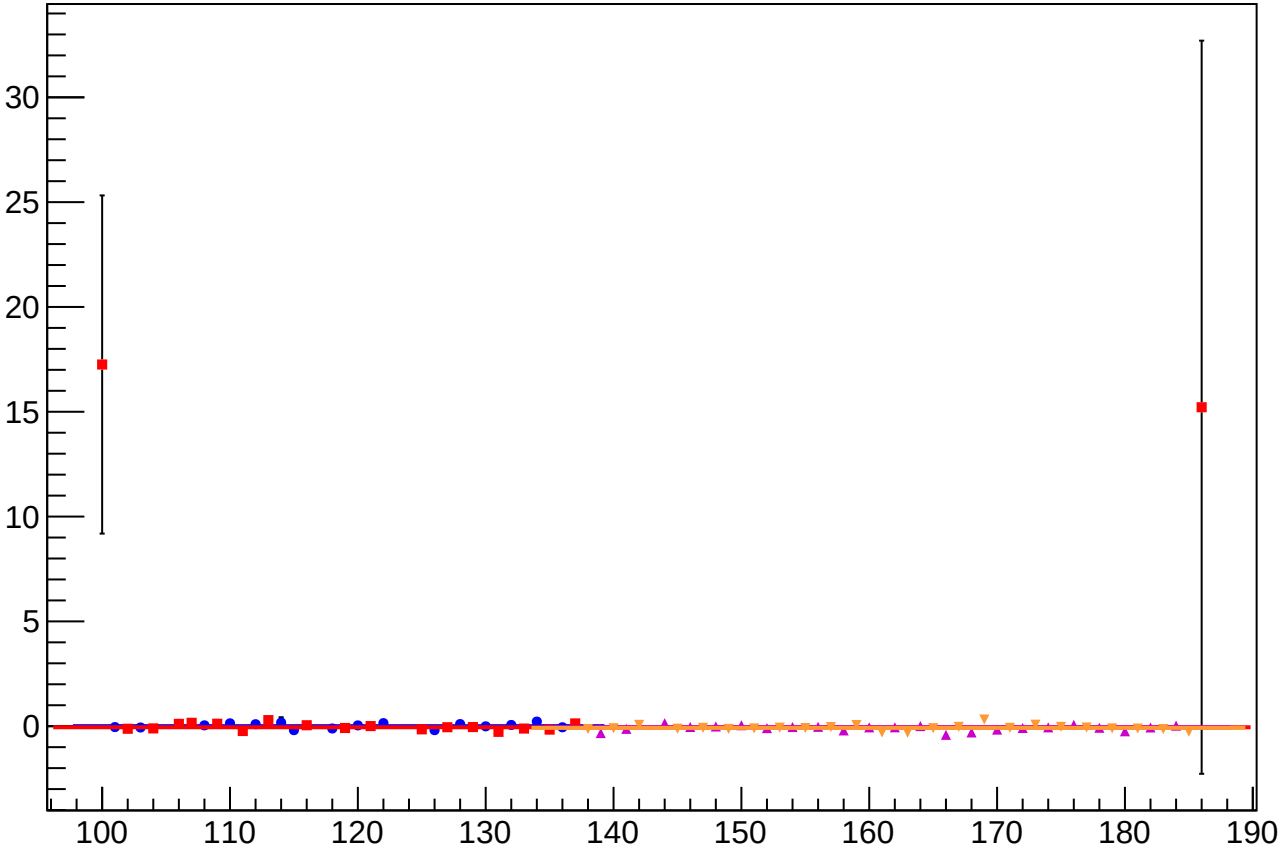
Right: -63.334+/-14.326 χ^2/NDF: 0.0/0

In: -0.026+/-0.022 χ^2/NDF:32.3/22

Out: -0.089+/-0.022 χ^2/NDF:59.5/24

All: -0.057+/-0.016 χ^2/NDF: 95.9/47

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.081+/-0.017 χ^2/NDF:25.8/23

Right Out: -0.051+/-0.029 χ^2/NDF: 26.6/18

Left In: -0.055+/-0.018 χ^2/NDF:32.2/22

Left: -0.068+/-0.012 χ^2/NDF: 59.1/46

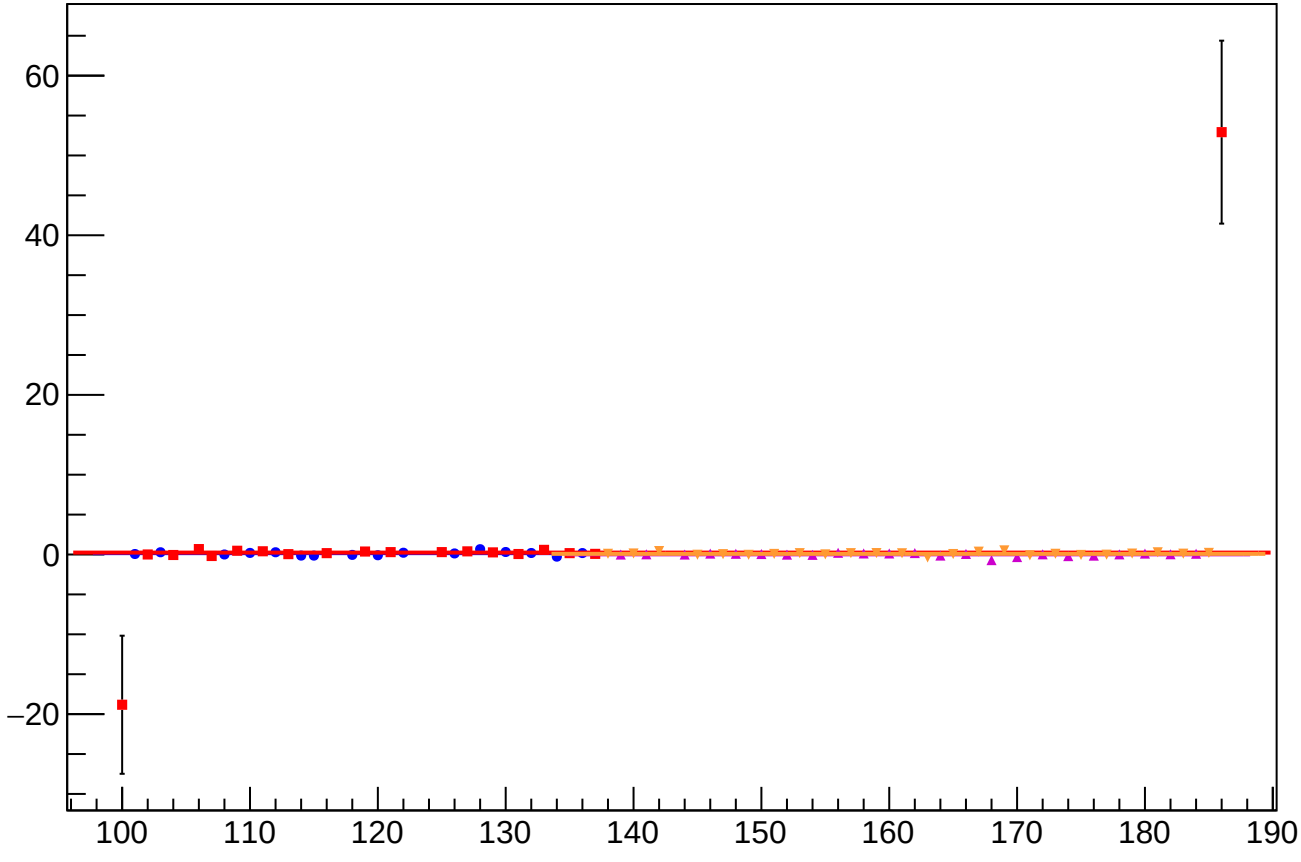
Right: -0.024+/-0.020 χ^2/NDF: 40.8/34

In: -0.039+/-0.015 χ^2/NDF:47.6/38

Out: -0.073+/-0.015 χ^2/NDF:53.1/42

All: -0.056+/-0.011 χ^2/NDF: 103.3/81

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.082+/-0.022 χ^2/NDF:38.7/23

Right Out: 0.240+/-0.054 χ^2/NDF: 42.9/18

Left In: 0.020+/-0.022 χ^2/NDF:34.5/22

Left: 0.051+/-0.016 χ^2/NDF: 77.1/46

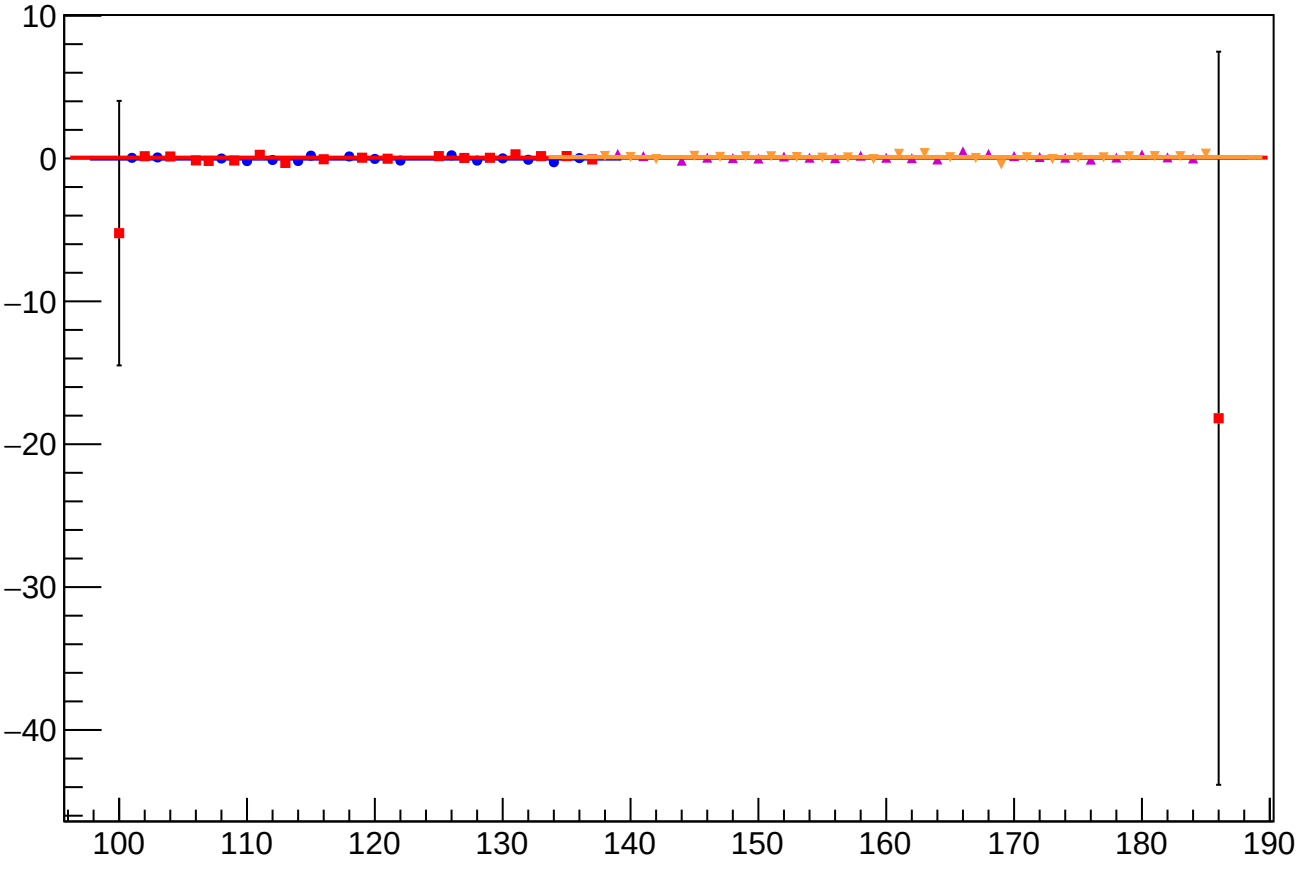
Right: 0.204+/-0.038 χ^2/NDF: 57.4/34

In: 0.043+/-0.020 χ^2/NDF:55.2/38

Out: 0.104+/-0.020 χ^2/NDF:89.0/42

All: 0.074+/-0.014 χ^2/NDF: 148.8/81

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.105+/-0.020 χ^2/NDF:29.5/23

Right Out: 0.059+/-0.034 χ^2/NDF: 21.1/18

Left In: 0.072+/-0.020 χ^2/NDF:31.7/22

Left: 0.089+/-0.014 χ^2/NDF: 62.6/46

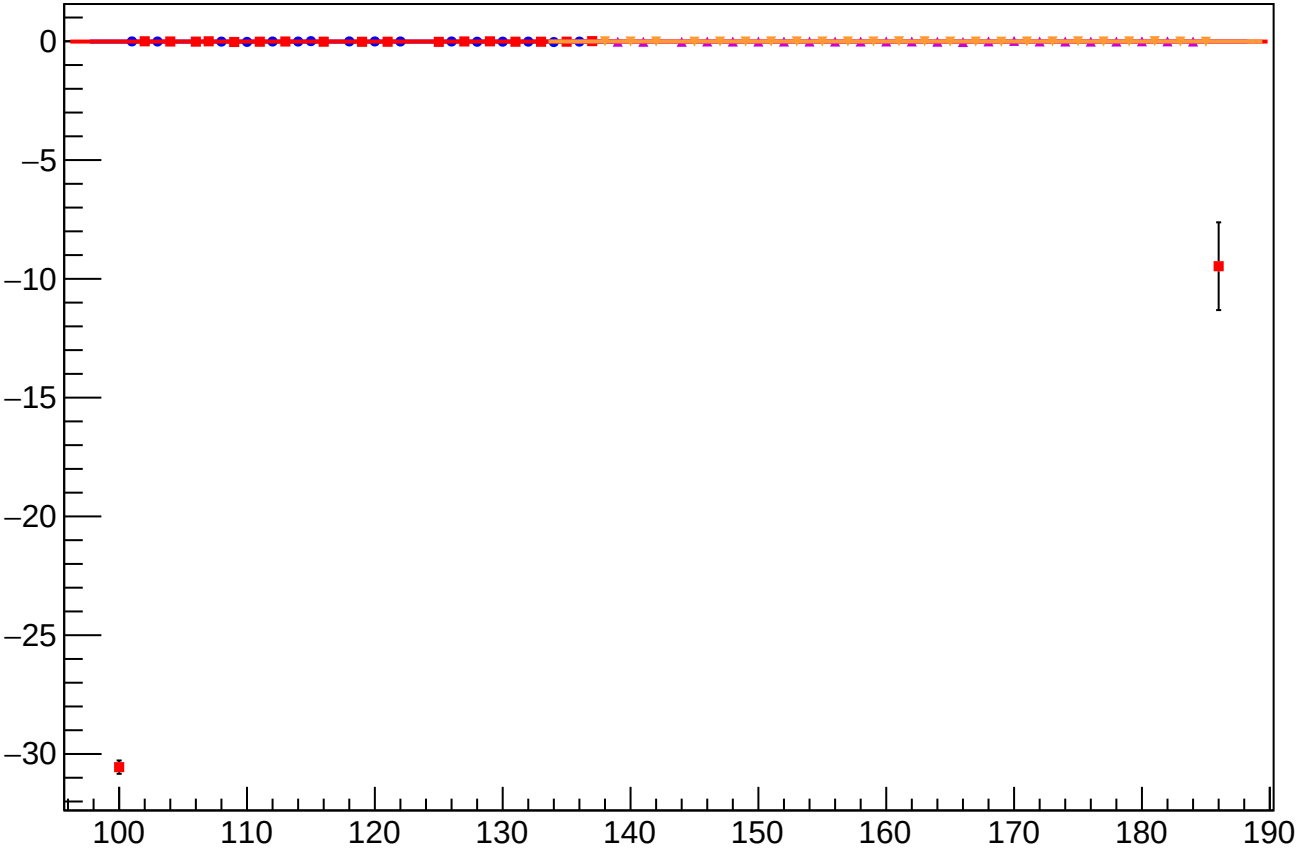
Right: 0.022+/-0.023 χ^2/NDF: 37.0/34

In: 0.050+/-0.017 χ^2/NDF:50.2/38

Out: 0.093+/-0.017 χ^2/NDF:52.0/42

All: 0.071+/-0.012 χ^2/NDF: 105.5/81

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.008+/-0.001 χ^2/NDF:30.7/23

Right Out: -0.012+/-0.002 χ^2/NDF: 11917.7/18

Left In: -0.009+/-0.001 χ^2/NDF:42.1/22

Left: -0.008+/-0.001 χ^2/NDF: 73.1/46

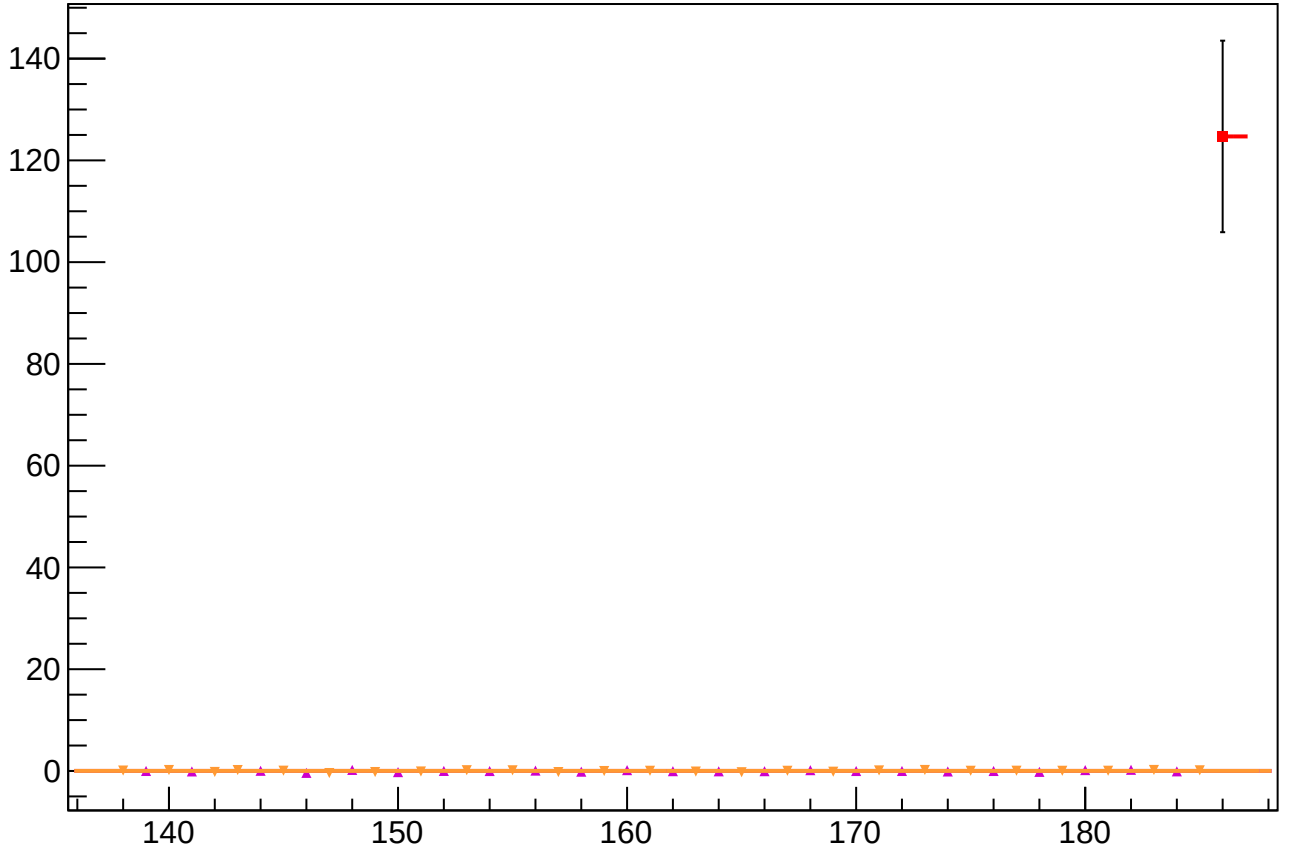
Right: -0.012+/-0.001 χ^2/NDF: 11930.7/34

In: -0.009+/-0.001 χ^2/NDF:57.2/38

Out: -0.009+/-0.001 χ^2/NDF:11952.6/42

All: -0.009+/-0.001 χ^2/NDF: 12010.1/81

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.013+/-0.027 χ^2/NDF:29.2/24

Right Out: 124.707+/-18.821 χ^2/NDF: 0.0/0

Left In: 0.004+/-0.028 χ^2/NDF:28.2/22

Left: 0.009+/-0.019 χ^2/NDF: 57.4/47

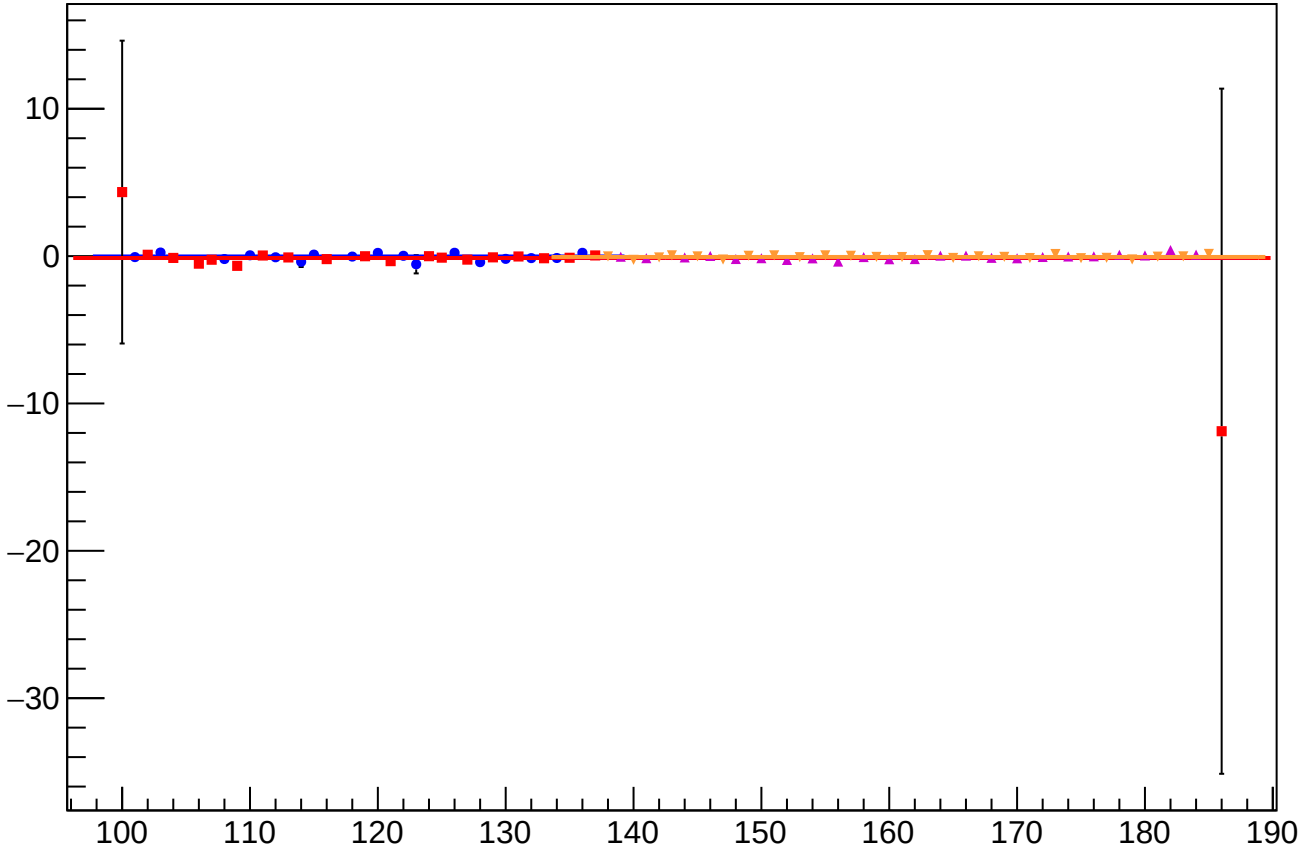
Right: 124.707+/-18.821 χ^2/NDF: 0.0/0

In: 0.004+/-0.028 χ^2/NDF:28.2/22

Out: 0.014+/-0.027 χ^2/NDF:73.0/25

All: 0.009+/-0.019 χ^2/NDF: 101.3/48

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.058+/-0.021 χ^2/NDF:25.4/24

Right Out: -0.128+/-0.039 χ^2/NDF: 17.9/19

Left In: -0.072+/-0.022 χ^2/NDF:48.7/22

Left: -0.064+/-0.015 χ^2/NDF: 74.4/47

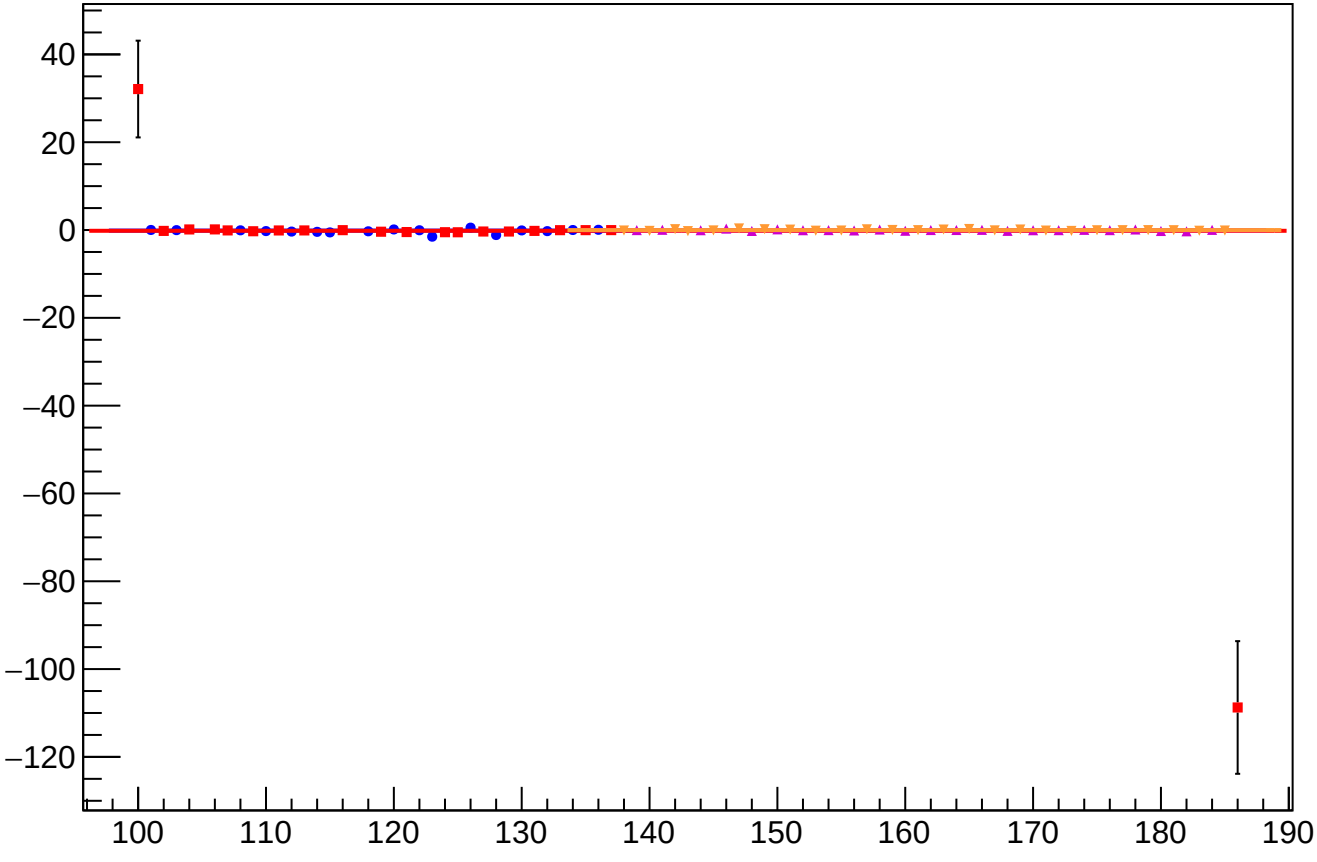
Right: -0.072+/-0.027 χ^2/NDF: 45.0/36

In: -0.059+/-0.019 χ^2/NDF:73.3/39

Out: -0.074+/-0.019 χ^2/NDF:45.8/44

All: -0.066+/-0.013 χ^2/NDF: 119.4/84

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: -0.015+/-0.027 χ^2/NDF:27.0/24

Right Out: -0.174+/-0.071 χ^2/NDF: 66.7/19

Left In: -0.035+/-0.027 χ^2/NDF:27.7/22

Left: -0.025+/-0.019 χ^2/NDF: 55.0/47

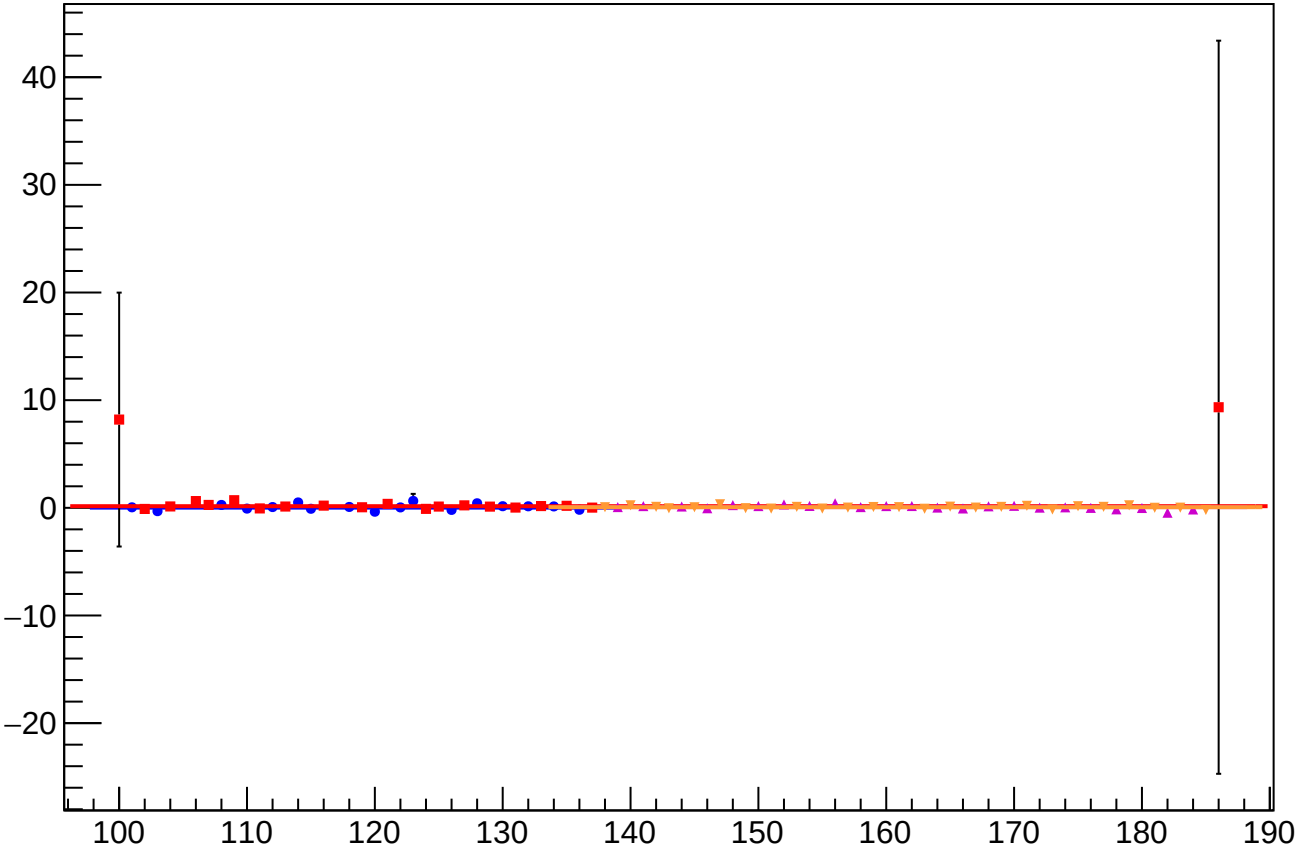
Right: -0.150+/-0.049 χ^2/NDF: 90.6/36

In: -0.048+/-0.025 χ^2/NDF:53.2/39

Out: -0.035+/-0.025 χ^2/NDF:98.1/44

All: -0.042+/-0.018 χ^2/NDF: 151.4/84

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.062+/-0.024 χ^2/NDF:25.0/24

Right Out: 0.152+/-0.045 χ^2/NDF: 16.3/19

Left In: 0.069+/-0.025 χ^2/NDF:51.4/22

Left: 0.065+/-0.017 χ^2/NDF: 76.5/47

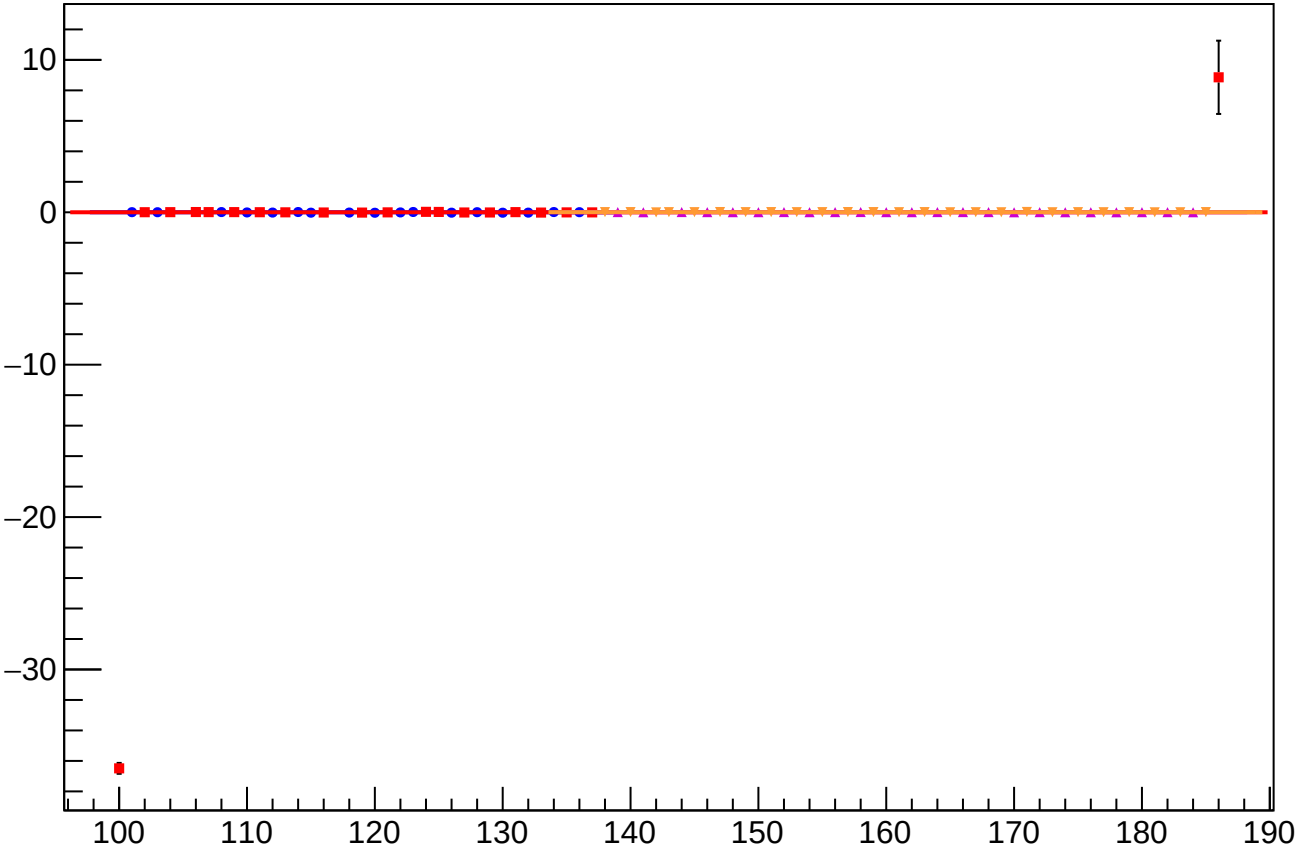
Right: 0.082+/-0.031 χ^2/NDF: 43.3/36

In: 0.057+/-0.021 χ^2/NDF:74.9/39

Out: 0.081+/-0.021 χ^2/NDF:44.4/44

All: 0.069+/-0.015 χ^2/NDF: 120.0/84

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.008+/-0.001 χ^2/NDF:25.9/24

Right Out: 0.001+/-0.002 χ^2/NDF: 10462.7/19

Left In: 0.009+/-0.001 χ^2/NDF:15.8/22

Left: 0.009+/-0.001 χ^2/NDF: 42.0/47

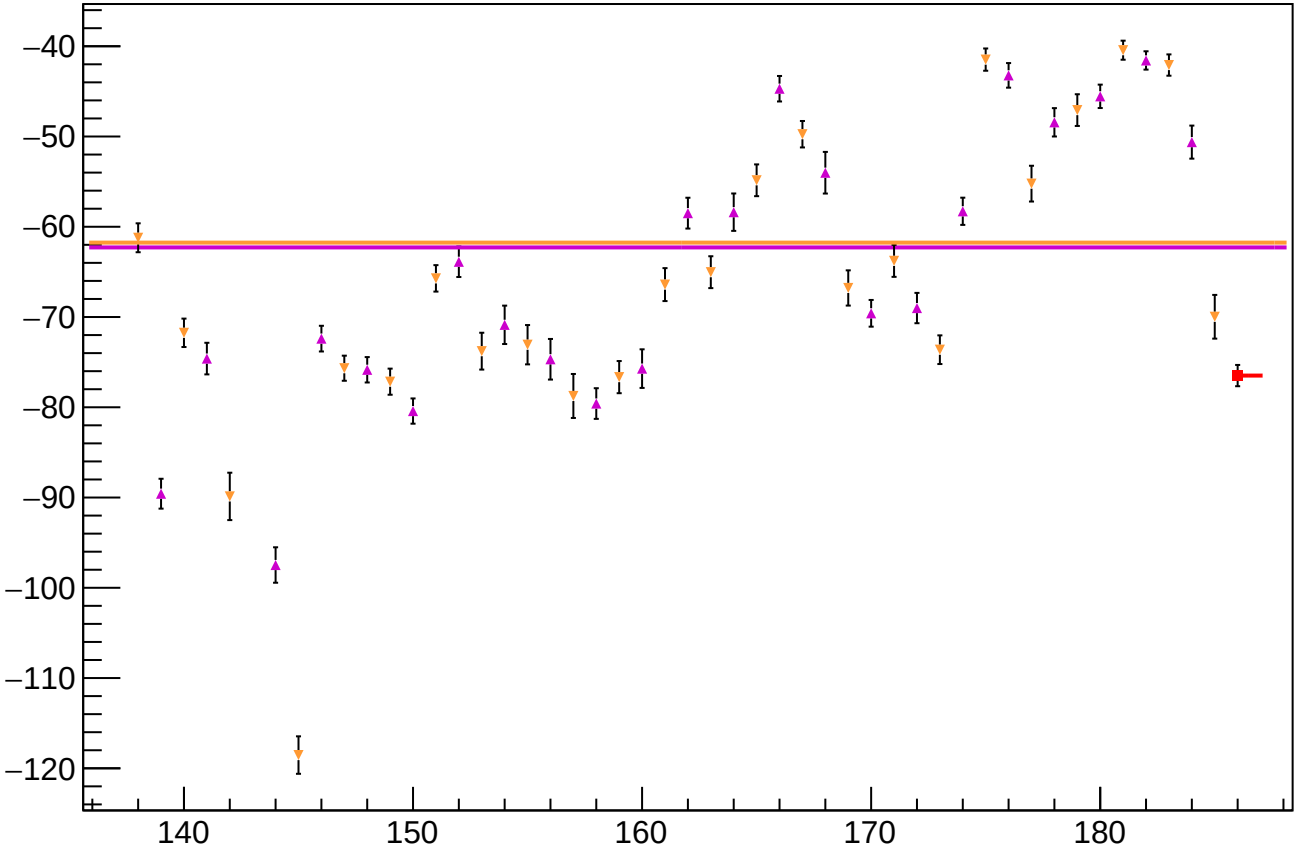
Right: 0.001+/-0.002 χ^2/NDF: 10495.1/36

In: 0.008+/-0.001 χ^2/NDF:58.3/39

Out: 0.007+/-0.001 χ^2/NDF:10496.9/44

All: 0.007+/-0.001 χ^2/NDF: 10555.4/84

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -61.756+/-0.334 χ^2/NDF:2509.2/23

Right Out: -76.488+/-1.179 χ^2/NDF: 0.0/0

Left In: -62.290+/-0.331 χ^2/NDF:2265.0/22

Left: -62.025+/-0.235 χ^2/NDF: 4775.5/46

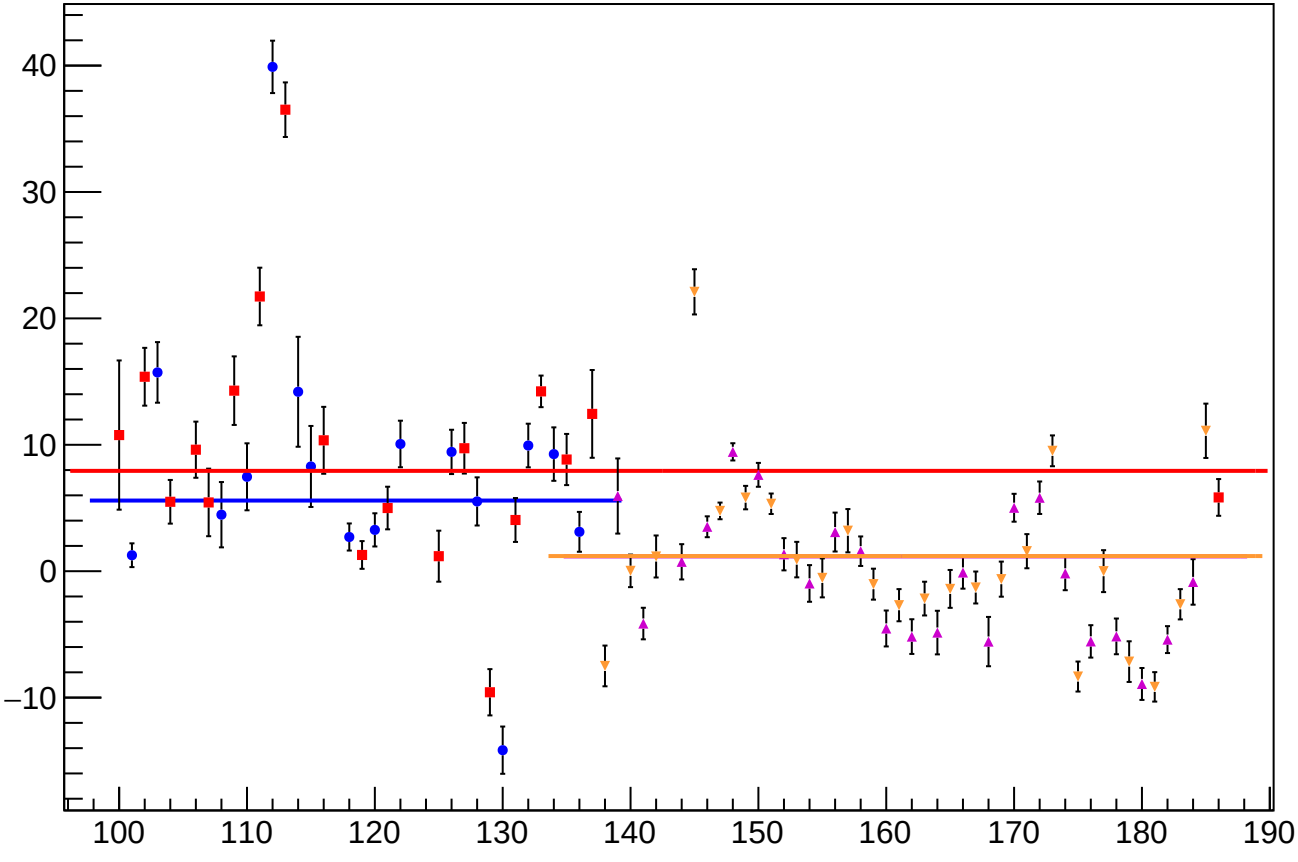
Right: -76.488+/-1.179 χ^2/NDF: 0.0/0

In: -62.290+/-0.331 χ^2/NDF:2265.0/22

Out: -62.850+/-0.321 χ^2/NDF:2653.9/24

All: -62.579+/-0.231 χ^2/NDF: 4920.4/47

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589+/-0.424 χ^2/NDF: 462.8/15

Left Out: 1.197+/-0.252 χ^2/NDF:526.1/23

Right Out: 7.937+/-0.433 χ^2/NDF: 410.0/18

Left In: 1.171+/-0.255 χ^2/NDF:466.2/22

Left: 1.184+/-0.179 χ^2/NDF: 992.3/46

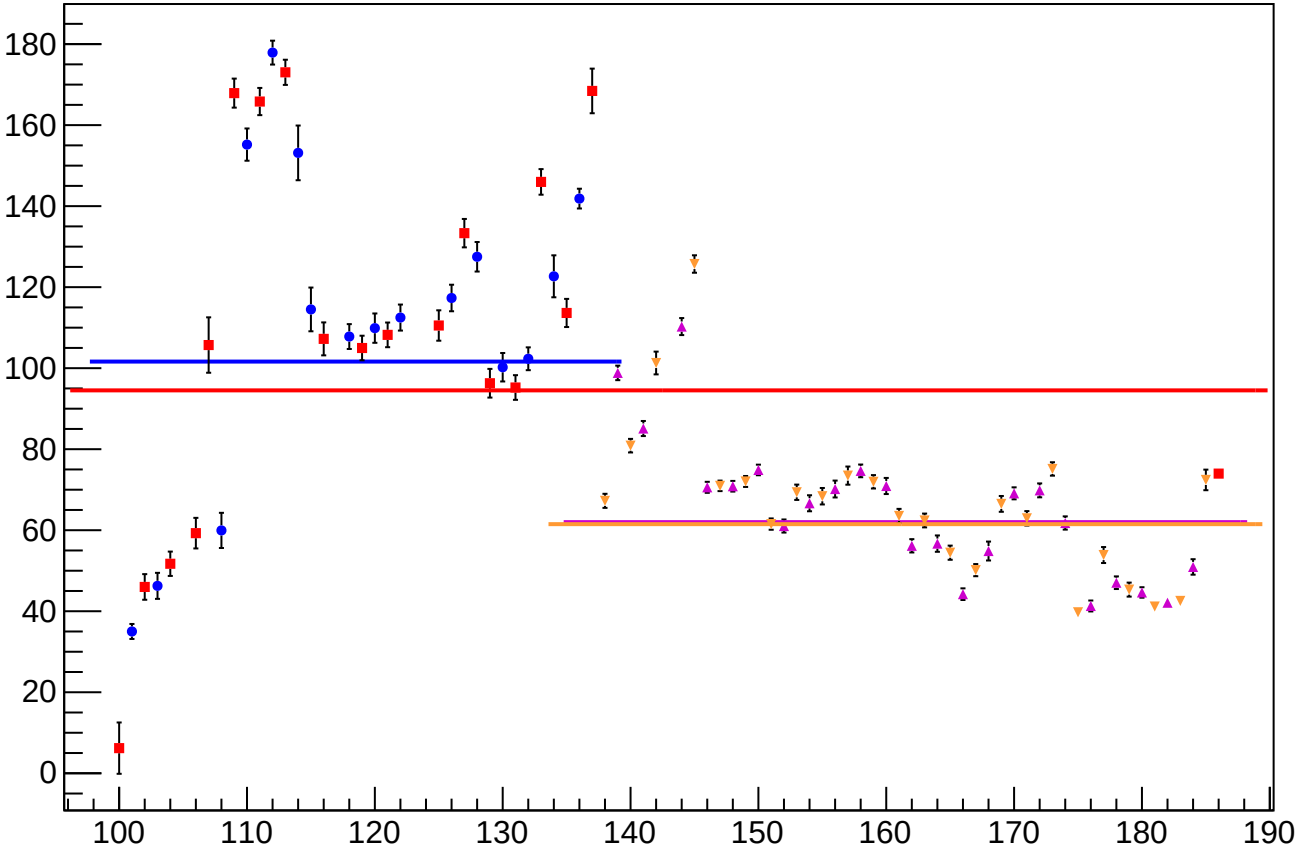
Right: 6.737+/-0.303 χ^2/NDF: 887.8/34

In: 2.345+/-0.218 χ^2/NDF:1008.9/38

Out: 2.907+/-0.218 χ^2/NDF:1116.9/42

All: 2.626+/-0.154 χ^2/NDF: 2129.2/81

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 61.496+/-0.332 χ^2/NDF:2610.2/23

Right Out: 94.522+/-0.625 χ^2/NDF: 3366.9/18

Left In: 61.995+/-0.329 χ^2/NDF:2517.6/22

Left: 61.748+/-0.234 χ^2/NDF: 5129.0/46

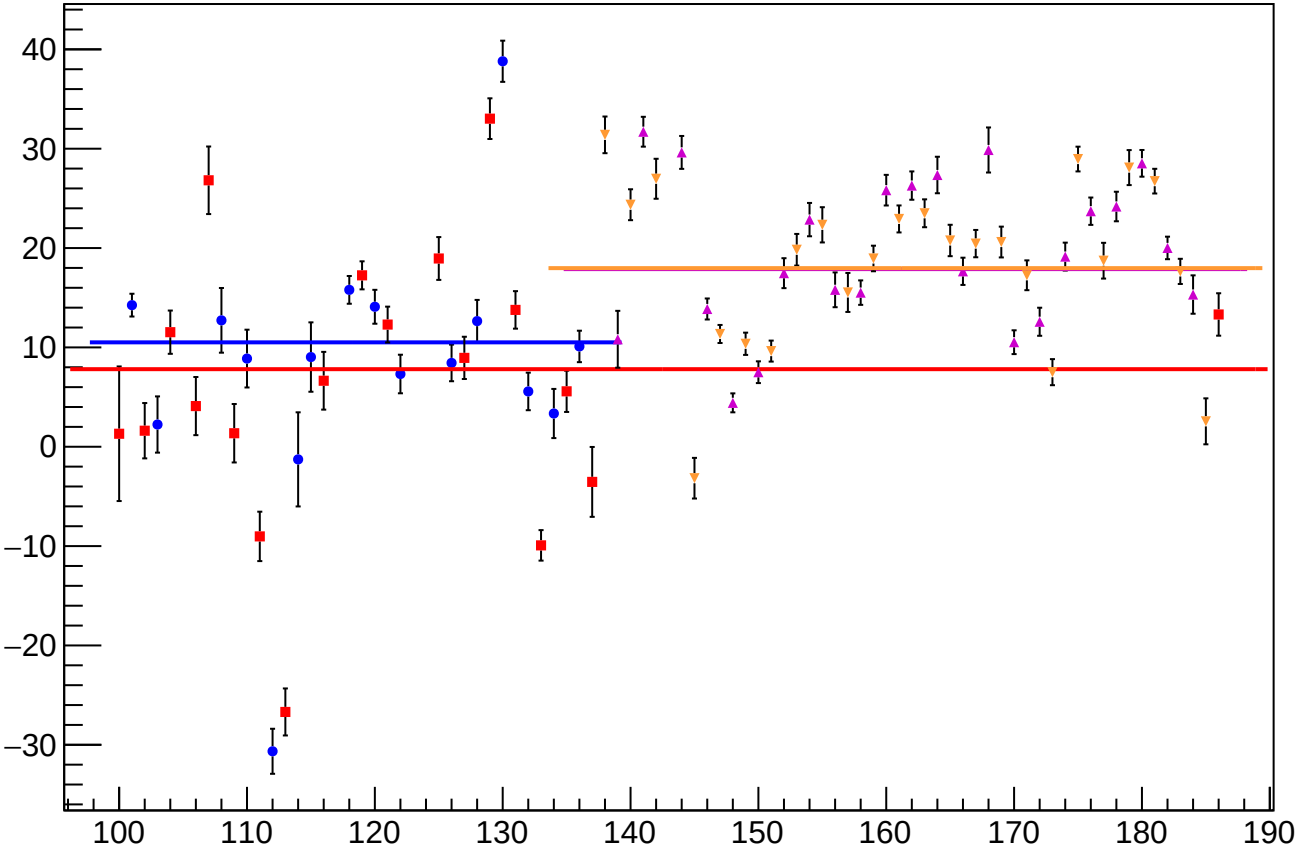
Right: 97.187+/-0.494 χ^2/NDF: 6394.3/34

In: 67.642+/-0.305 χ^2/NDF:7565.4/38

Out: 68.774+/-0.293 χ^2/NDF:8154.1/42

All: 68.229+/-0.211 χ^2/NDF: 15726.6/81

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 17.979+/-0.291 χ^2/NDF:674.8/23

Right Out: 7.808+/-0.509 χ^2/NDF: 696.4/18

Left In: 17.881+/-0.292 χ^2/NDF:730.9/22

Left: 17.930+/-0.206 χ^2/NDF: 1405.8/46

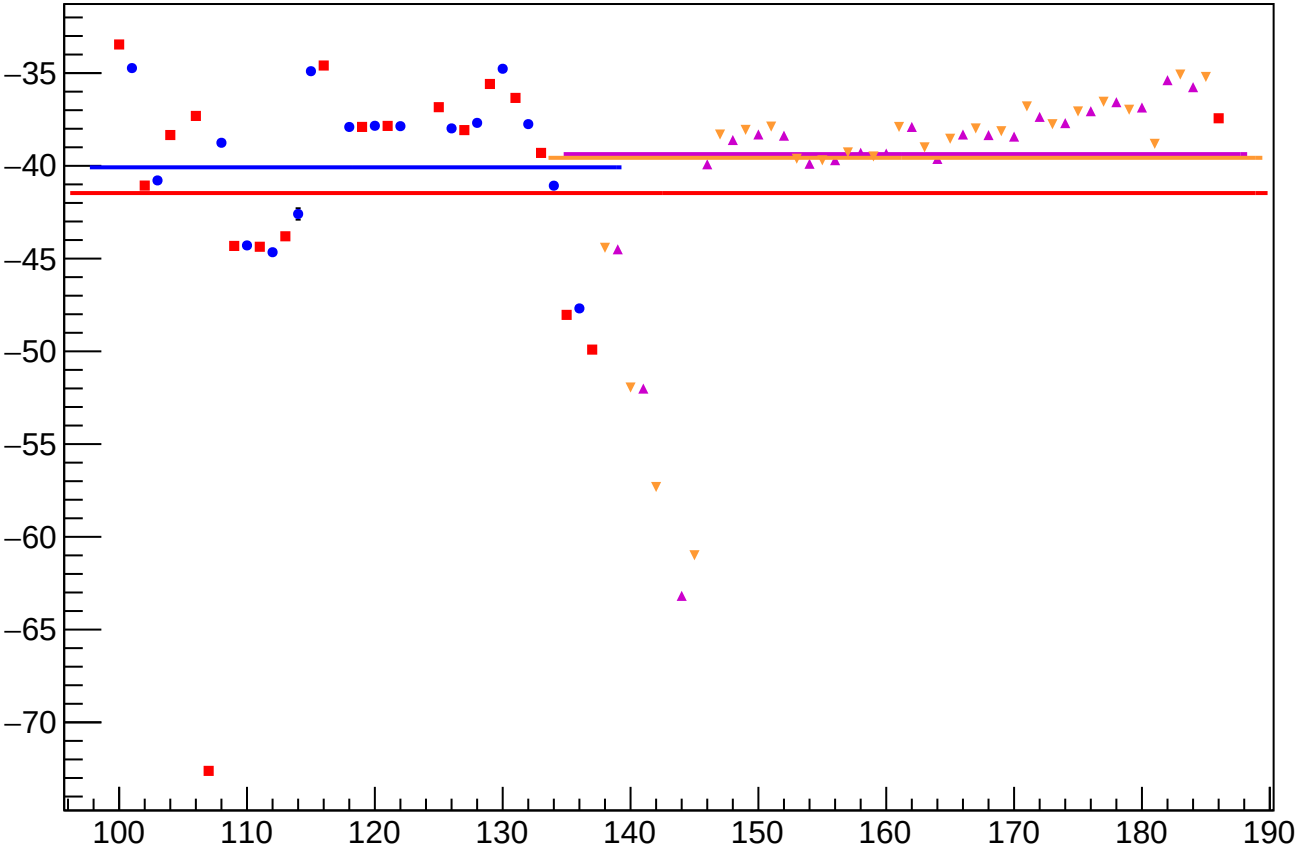
Right: 9.204+/-0.354 χ^2/NDF: 1292.4/34

In: 15.964+/-0.251 χ^2/NDF:1478.6/38

Out: 15.476+/-0.252 χ^2/NDF:1672.3/42

All: 15.722+/-0.178 χ^2/NDF: 3152.7/81

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -39.567+/-0.014 χ^2/NDF:141152.0/23

Right Out: -41.467+/-0.028 χ^2/NDF: 62510.1/18

Left In: -39.368+/-0.014 χ^2/NDF:117958.1/22

Left: -39.466+/-0.010 χ^2/NDF: 259216.7/46

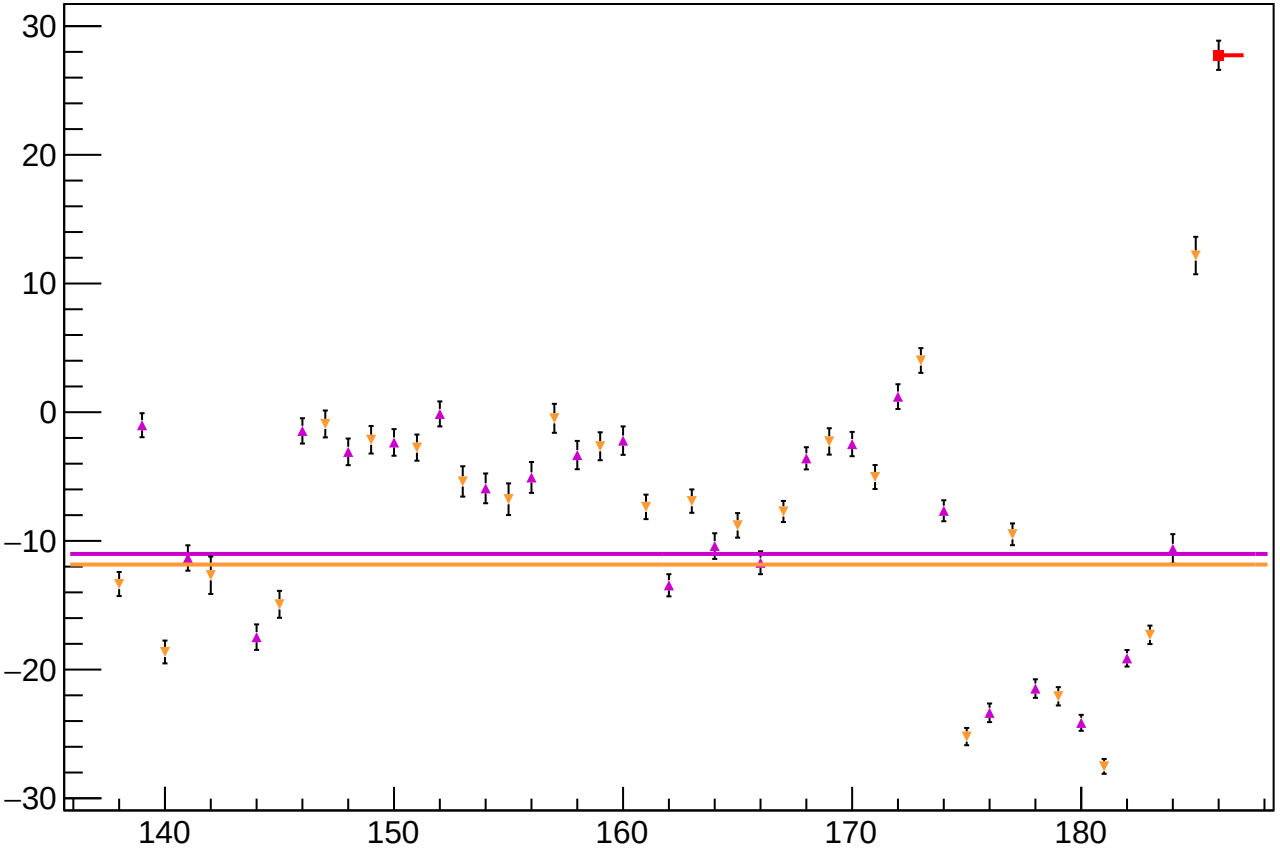
Right: -40.776+/-0.020 χ^2/NDF: 88850.0/34

In: -39.501+/-0.012 χ^2/NDF:143599.9/38

Out: -39.934+/-0.012 χ^2/NDF:207357.4/42

All: -39.715+/-0.009 χ^2/NDF: 351577.9/81

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -11.837+/-0.187 χ^2/NDF:2742.4/23

Right Out: 27.736+/-1.135 χ^2/NDF: 0.0/0

Left In: -11.014+/-0.187 χ^2/NDF:2116.6/22

Left: -11.426+/-0.132 χ^2/NDF: 4868.7/46

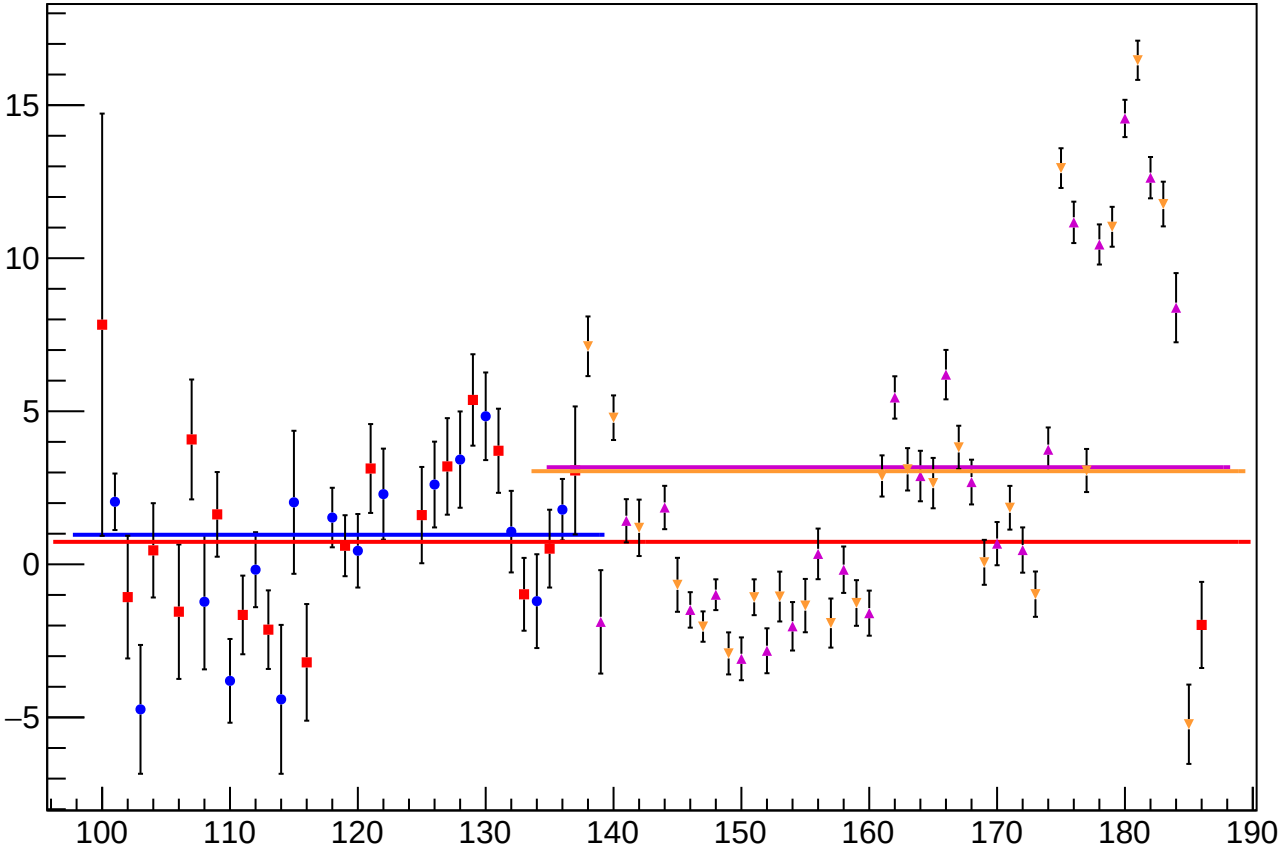
Right: 27.736+/-1.135 χ^2/NDF: 0.0/0

In: -11.014+/-0.187 χ^2/NDF:2116.6/22

Out: -10.793+/-0.184 χ^2/NDF:3926.7/24

All: -10.902+/-0.131 χ^2/NDF: 6043.9/47

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965+/-0.338 χ^2/NDF: 42.9/15

Left Out: 3.042+/-0.148 χ^2/NDF:1452.6/23

Right Out: 0.734+/-0.343 χ^2/NDF: 45.9/18

Left In: 3.172+/-0.150 χ^2/NDF:1297.9/22

Left: 3.106+/-0.105 χ^2/NDF: 2750.9/46

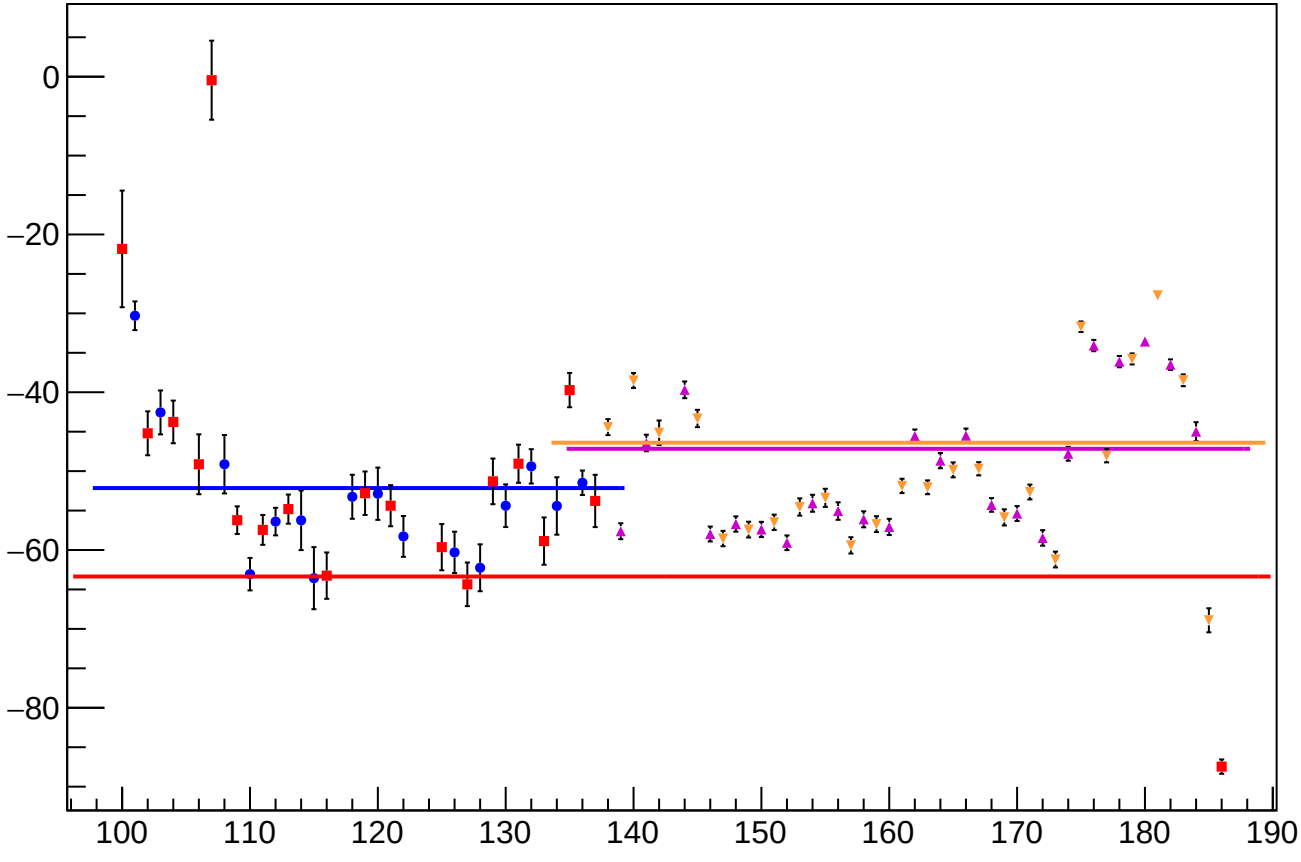
Right: 0.852+/-0.241 χ^2/NDF: 89.1/34

In: 2.811+/-0.137 χ^2/NDF:1376.5/38

Out: 2.681+/-0.136 χ^2/NDF:1536.7/42

All: 2.745+/-0.096 χ^2/NDF: 2913.6/81

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -46.398+/-0.187 χ^2/NDF:3289.4/23

Right Out: -63.357+/-0.510 χ^2/NDF: 1255.3/18

Left In: -47.170+/-0.186 χ^2/NDF:2526.3/22

Left: -46.784+/-0.132 χ^2/NDF: 5824.3/46

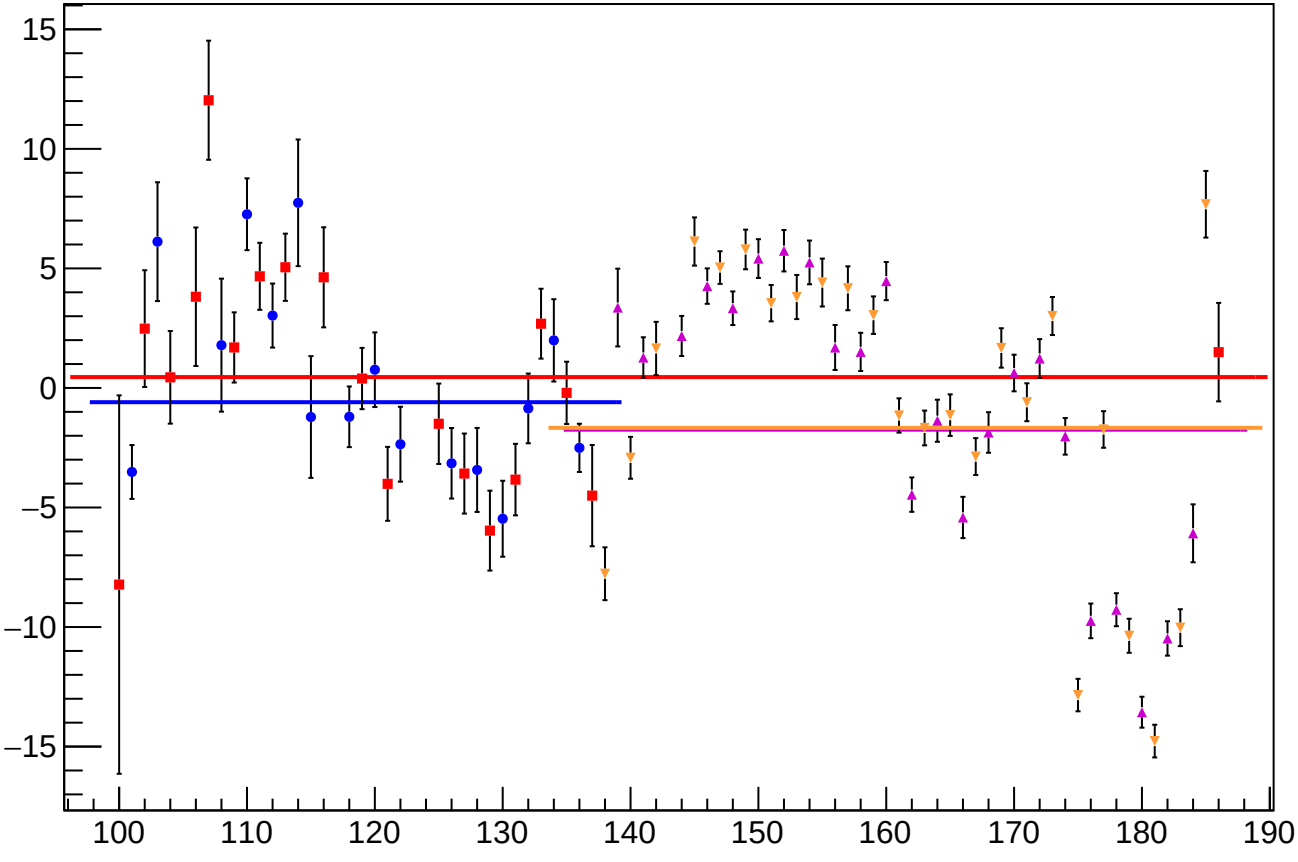
Right: -58.761+/-0.392 χ^2/NDF: 1683.5/34

In: -47.593+/-0.178 χ^2/NDF:2817.1/38

Out: -48.398+/-0.175 χ^2/NDF:5519.5/42

All: -48.003+/-0.125 χ^2/NDF: 8346.9/81

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: -1.668+/-0.167 χ^2/NDF:1479.3/23

Right Out: 0.455+/-0.392 χ^2/NDF: 96.1/18

Left In: -1.746+/-0.168 χ^2/NDF:1254.1/22

Left: -1.707+/-0.119 χ^2/NDF: 2733.5/46

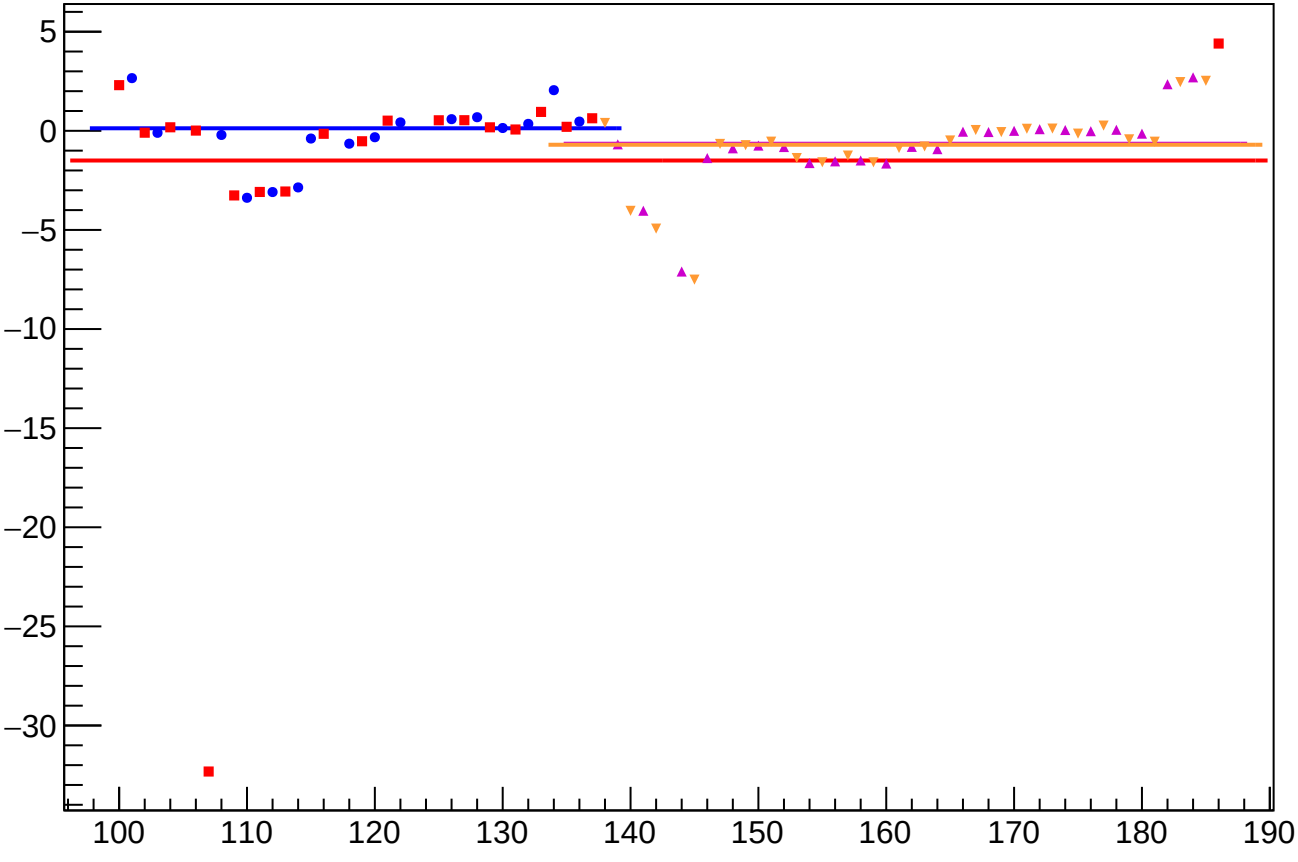
Right: -0.082+/-0.274 χ^2/NDF: 182.3/34

In: -1.560+/-0.154 χ^2/NDF:1344.2/38

Out: -1.343+/-0.154 χ^2/NDF:1600.2/42

All: -1.451+/-0.109 χ^2/NDF: 2945.4/81

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -0.703+/-0.008 χ^2/NDF:53770.3/23

Right Out: -1.498+/-0.022 χ^2/NDF: 79571.4/18

Left In: -0.651+/-0.008 χ^2/NDF:44167.1/22

Left: -0.677+/-0.005 χ^2/NDF: 97959.9/46

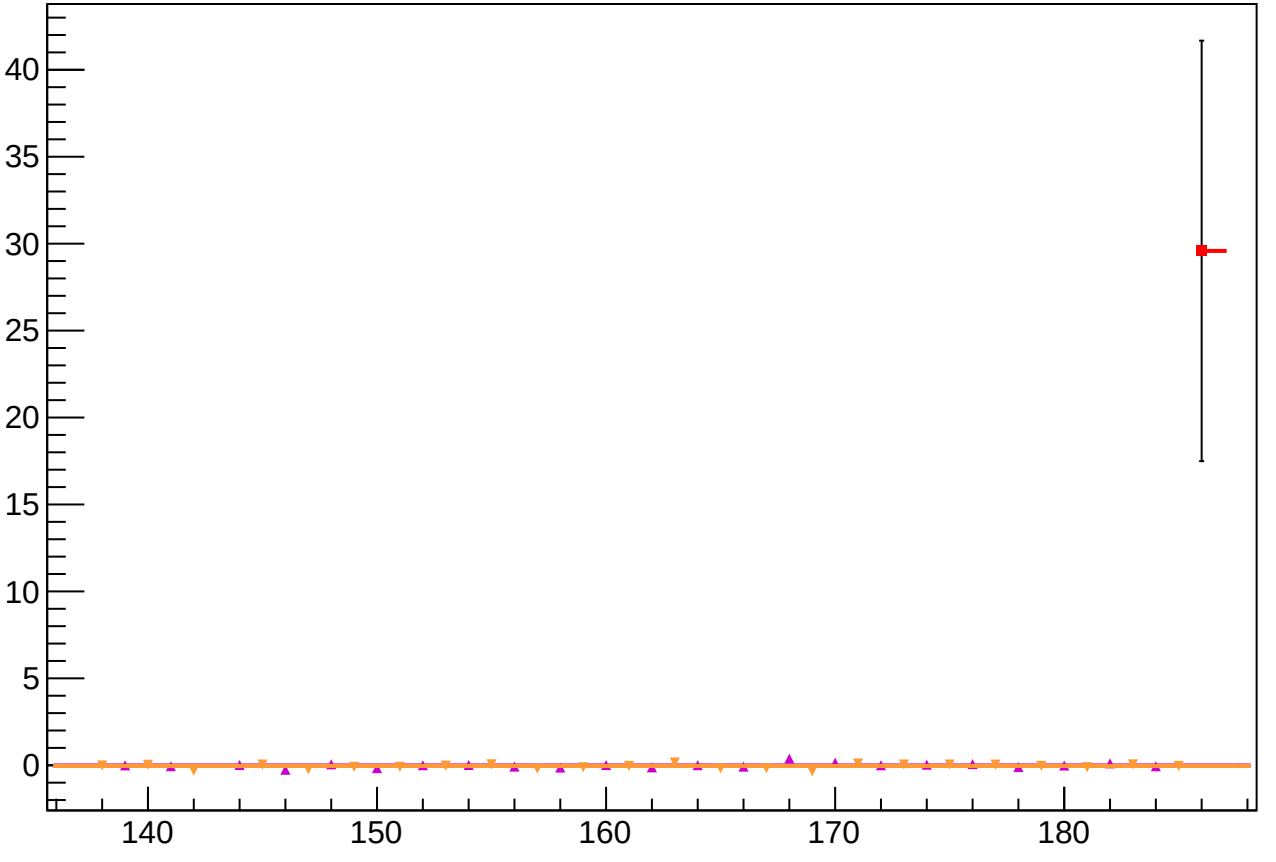
Right: -0.682+/-0.015 χ^2/NDF: 87676.4/34

In: -0.564+/-0.007 χ^2/NDF:50587.6/38

Out: -0.791+/-0.007 χ^2/NDF:134550.3/42

All: -0.678+/-0.005 χ^2/NDF: 185636.3/81

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.038+/-0.018 χ^2/NDF:35.6/23

Right Out: 29.583+/-12.092 χ^2/NDF: 0.0/0

Left In: -0.009+/-0.018 χ^2/NDF:35.3/22

Left: -0.024+/-0.013 χ^2/NDF: 72.1/46

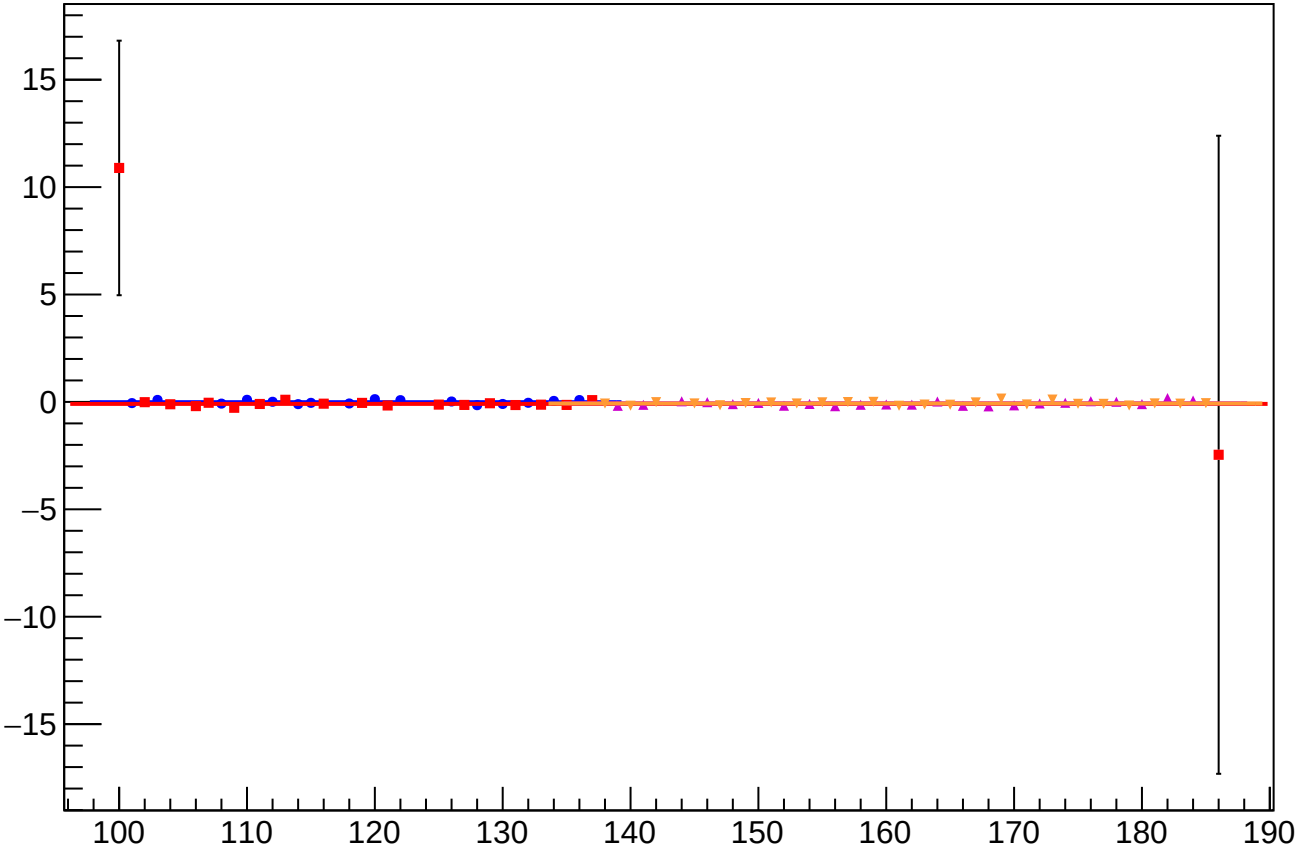
Right: 29.583+/-12.092 χ^2/NDF: 0.0/0

In: -0.009+/-0.018 χ^2/NDF:35.3/22

Out: -0.038+/-0.018 χ^2/NDF:41.6/24

All: -0.024+/-0.013 χ^2/NDF: 78.1/47

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013+/-0.023 χ^2/NDF: 12.2/15

Left Out: -0.073+/-0.014 χ^2/NDF:27.8/23

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/18

Left In: -0.065+/-0.014 χ^2/NDF:40.4/22

Left: -0.069+/-0.010 χ^2/NDF: 68.3/46

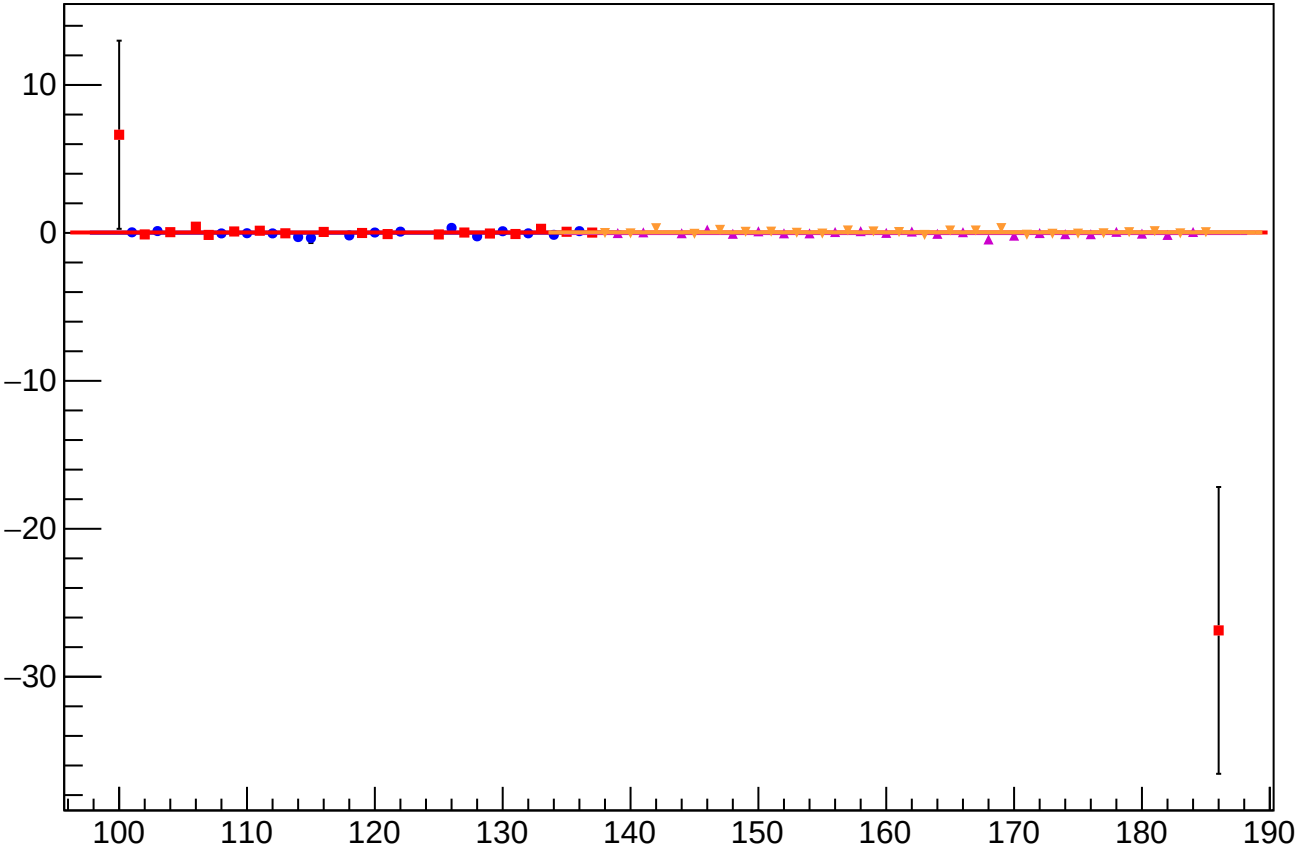
Right: -0.050+/-0.017 χ^2/NDF: 30.3/34

In: -0.051+/-0.012 χ^2/NDF:56.3/38

Out: -0.078+/-0.012 χ^2/NDF:41.0/42

All: -0.064+/-0.009 χ^2/NDF: 99.6/81

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.036+/-0.018 χ^2/NDF:32.4/23

Right Out: 0.029+/-0.045 χ^2/NDF: 16.9/18

Left In: -0.010+/-0.018 χ^2/NDF:37.1/22

Left: 0.013+/-0.013 χ^2/NDF: 72.8/46

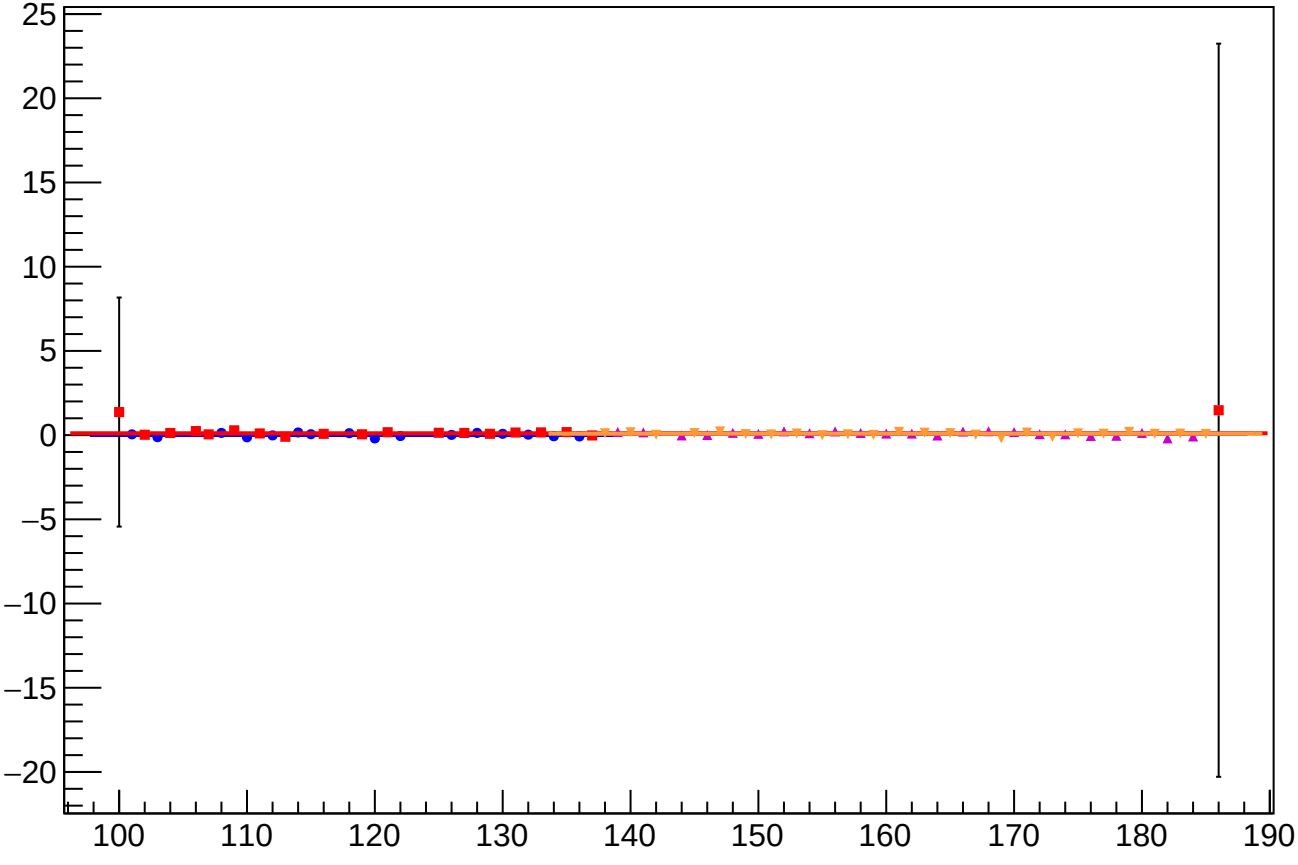
Right: 0.023+/-0.031 χ^2/NDF: 26.6/34

In: -0.006+/-0.017 χ^2/NDF:47.1/38

Out: 0.035+/-0.017 χ^2/NDF:49.3/42

All: 0.014+/-0.012 χ^2/NDF: 99.4/81

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF: 12.1/15

Left Out: 0.086+/-0.016 χ^2/NDF:27.8/23

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/18

Left In: 0.071+/-0.016 χ^2/NDF:44.0/22

Left: 0.079+/-0.011 χ^2/NDF: 72.1/46

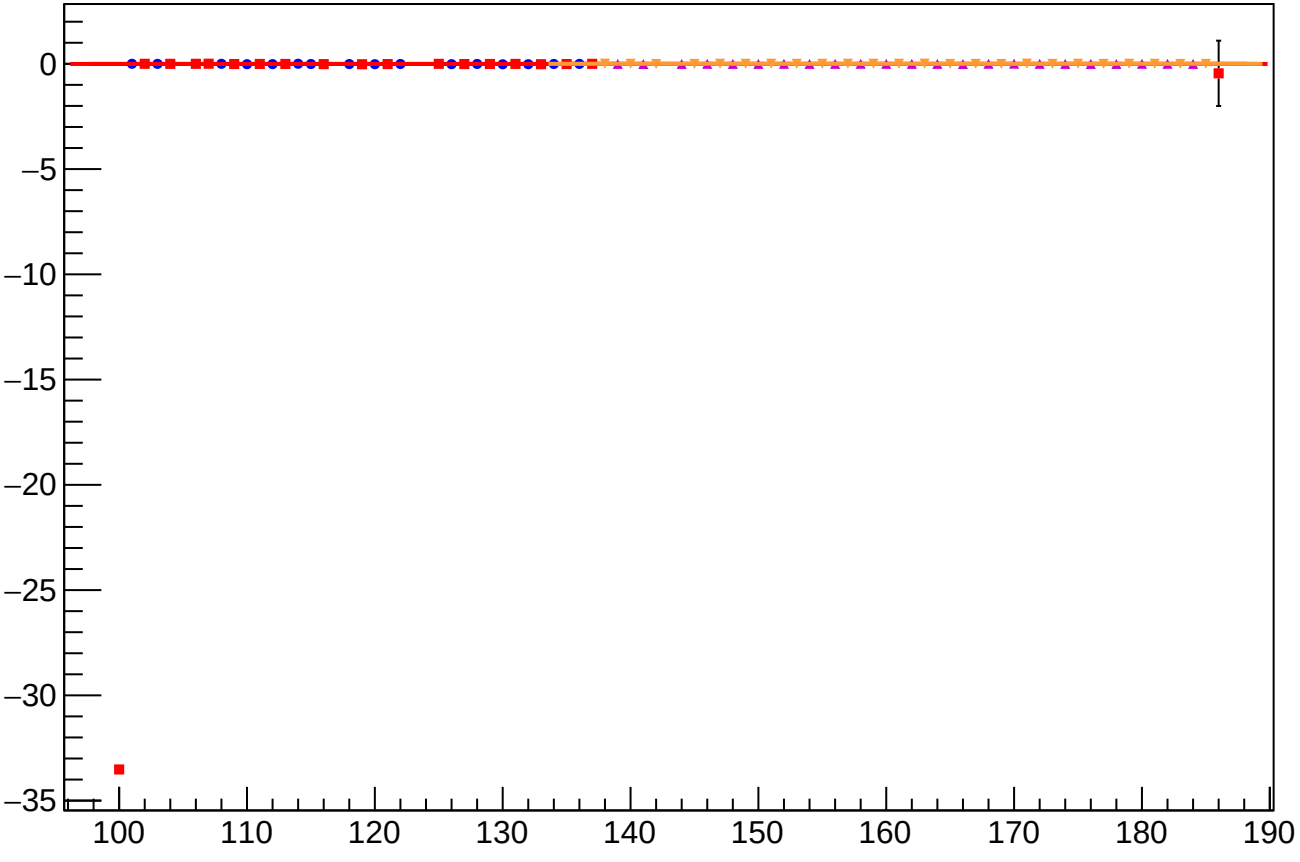
Right: 0.055+/-0.020 χ^2/NDF: 27.0/34

In: 0.054+/-0.014 χ^2/NDF:60.3/38

Out: 0.092+/-0.014 χ^2/NDF:36.3/42

All: 0.073+/-0.010 χ^2/NDF: 100.2/81

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: 0.000+/-0.001 χ^2/NDF:23.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 26509.0/18

Left In: 0.000+/-0.001 χ^2/NDF:22.4/22

Left: 0.000+/-0.001 χ^2/NDF: 46.3/46

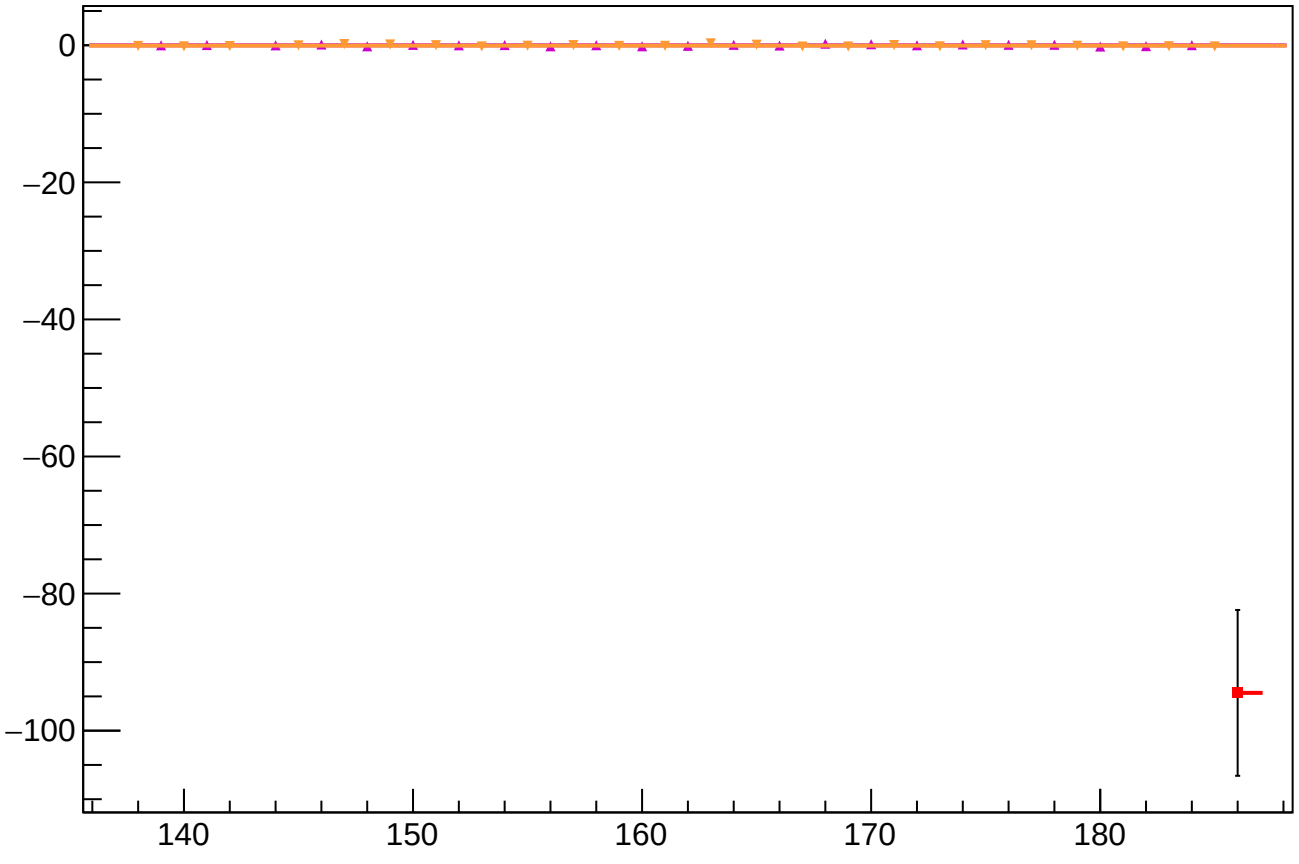
Right: -0.006+/-0.001 χ^2/NDF: 26531.7/34

In: -0.001+/-0.001 χ^2/NDF:57.1/38

Out: -0.001+/-0.001 χ^2/NDF:26547.7/42

All: -0.001+/-0.000 χ^2/NDF: 26604.9/81

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.052+/-0.018 χ^2/NDF:37.3/23

Right Out: -94.487+/-12.098 χ^2/NDF: 0.0/0

Left In: -0.010+/-0.018 χ^2/NDF:33.3/22

Left: -0.031+/-0.013 χ^2/NDF: 73.3/46

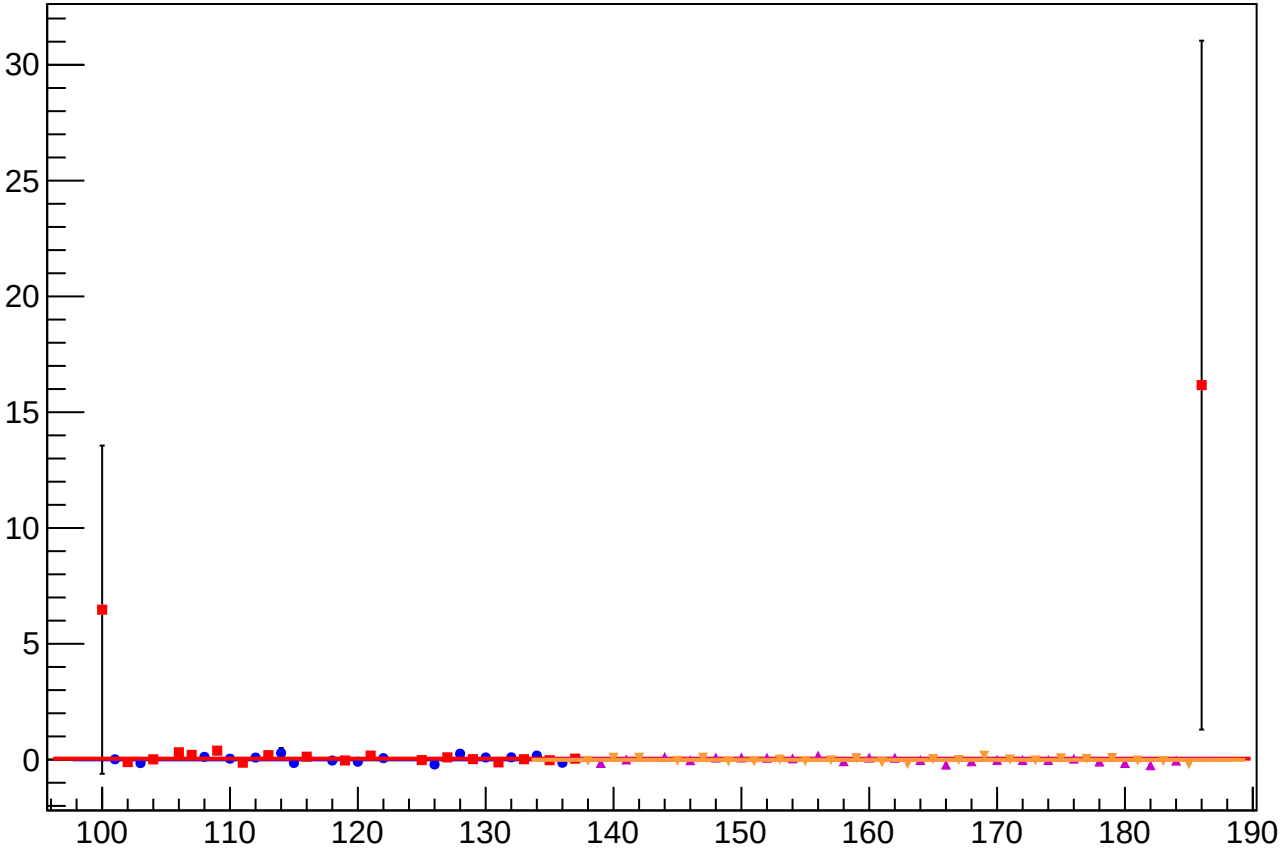
Right: -94.487+/-12.098 χ^2/NDF: 0.0/0

In: -0.010+/-0.018 χ^2/NDF:33.3/22

Out: -0.052+/-0.018 χ^2/NDF:98.3/24

All: -0.031+/-0.013 χ^2/NDF: 134.3/47

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.023 χ^2/NDF: 25.4/15

Left Out: -0.010+/-0.014 χ^2/NDF:29.5/23

Right Out: 0.040+/-0.025 χ^2/NDF: 29.1/18

Left In: 0.004+/-0.014 χ^2/NDF:50.3/22

Left: -0.003+/-0.010 χ^2/NDF: 80.2/46

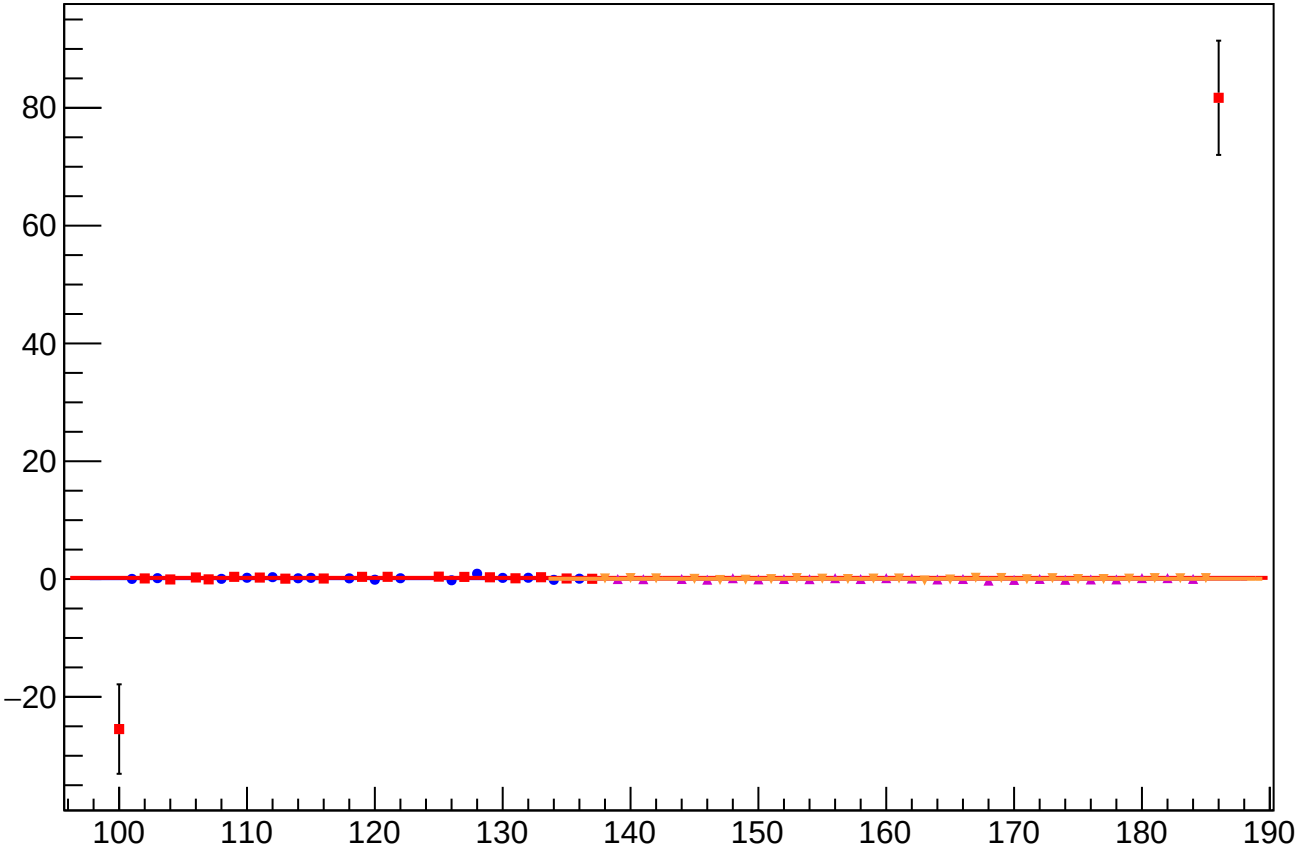
Right: 0.024+/-0.017 χ^2/NDF: 55.3/34

In: 0.006+/-0.012 χ^2/NDF:75.8/38

Out: 0.002+/-0.012 χ^2/NDF:61.7/42

All: 0.004+/-0.009 χ^2/NDF: 137.5/81

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.048+/-0.018 χ^2/NDF:35.4/23

Right Out: 0.202+/-0.045 χ^2/NDF: 93.5/18

Left In: 0.021+/-0.018 χ^2/NDF:34.0/22

Left: 0.034+/-0.013 χ^2/NDF: 70.5/46

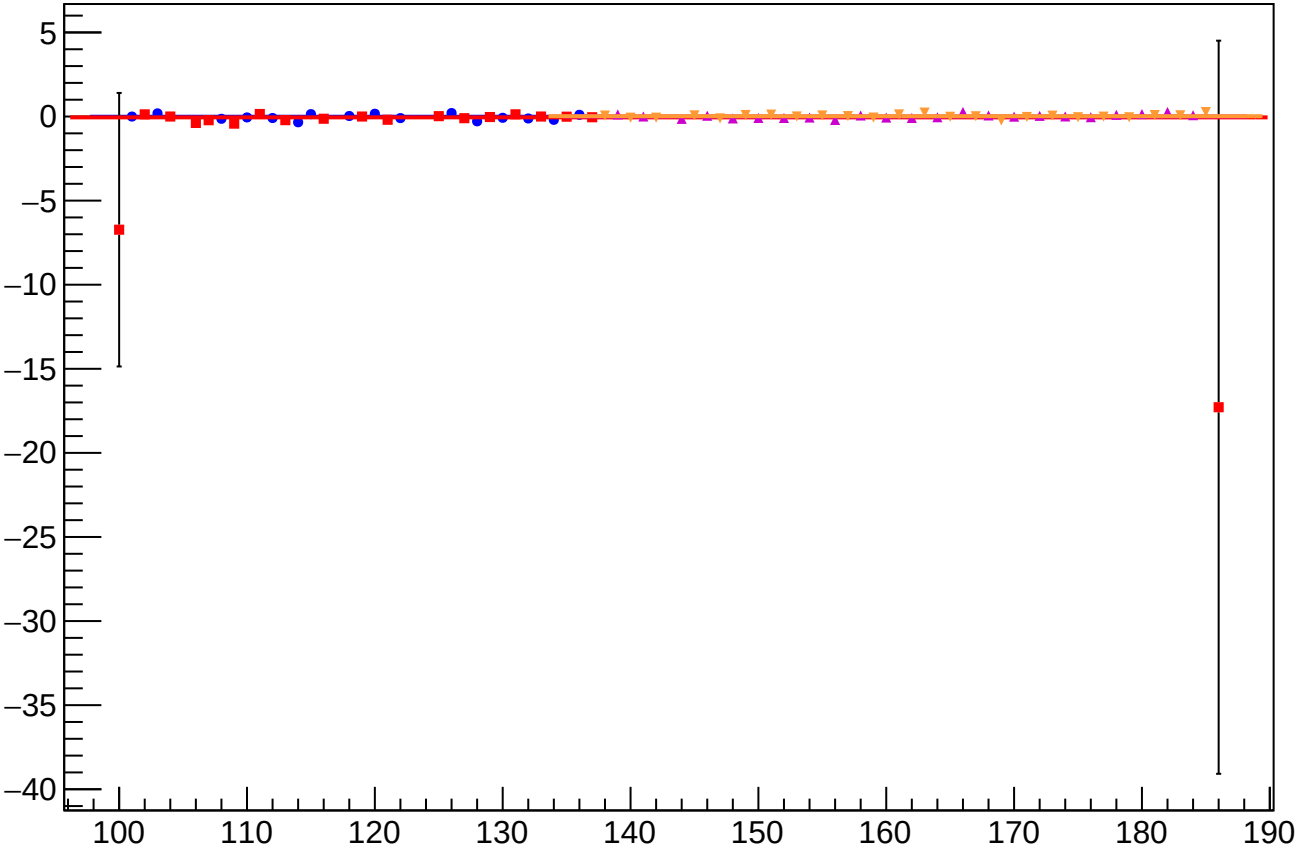
Right: 0.176+/-0.031 χ^2/NDF: 122.9/34

In: 0.041+/-0.017 χ^2/NDF:70.7/38

Out: 0.069+/-0.017 χ^2/NDF:139.0/42

All: 0.055+/-0.012 χ^2/NDF: 211.2/81

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: 0.021+/-0.016 χ^2/NDF:33.2/23

Right Out: -0.050+/-0.029 χ^2/NDF: 26.4/18

Left In: 0.007+/-0.016 χ^2/NDF:50.7/22

Left: 0.014+/-0.011 χ^2/NDF: 84.2/46

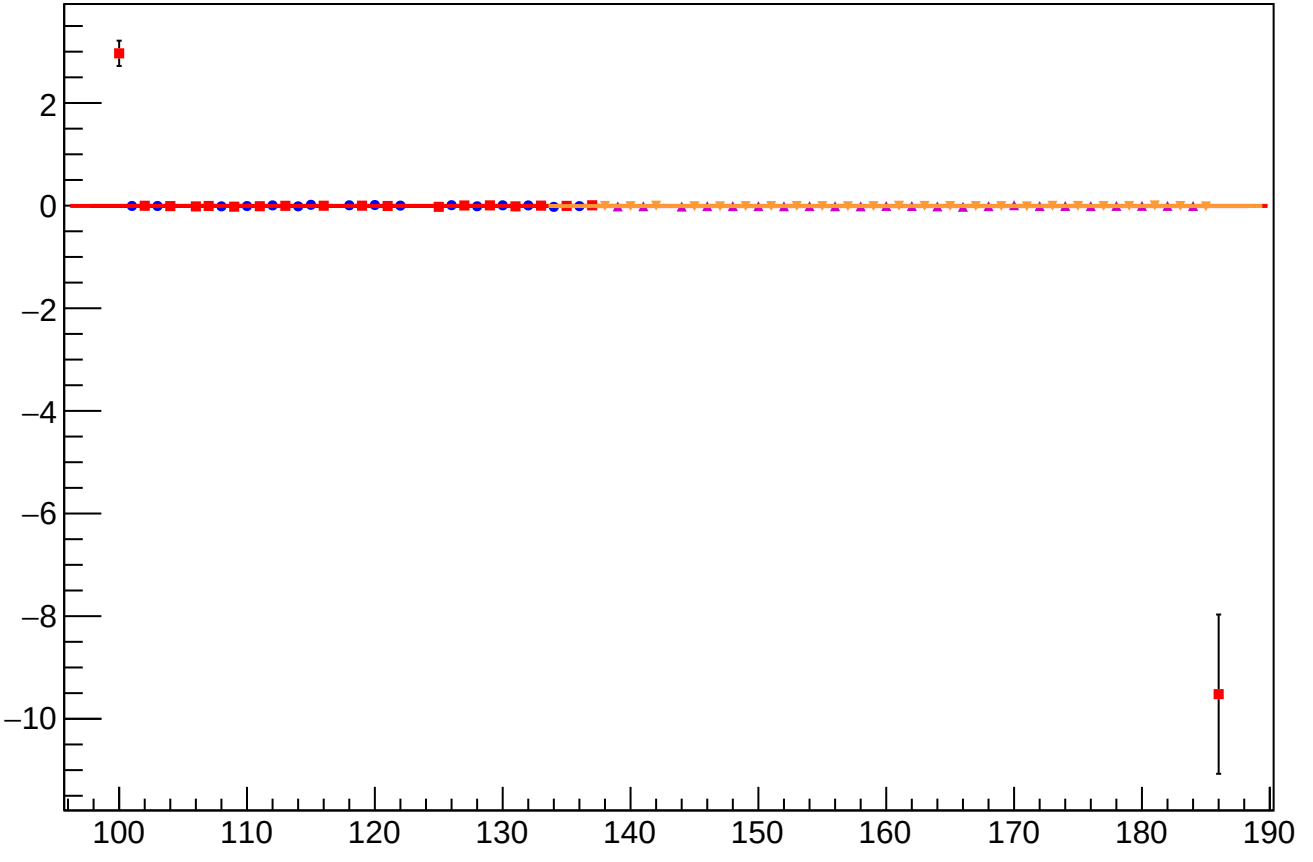
Right: -0.031+/-0.020 χ^2/NDF: 52.4/34

In: 0.002+/-0.014 χ^2/NDF:76.3/38

Out: 0.004+/-0.014 χ^2/NDF:64.2/42

All: 0.003+/-0.010 χ^2/NDF: 140.5/81

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.008+/-0.001 χ^2/NDF:31.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 203.4/18

Left In: -0.009+/-0.001 χ^2/NDF:39.2/22

Left: -0.008+/-0.001 χ^2/NDF: 71.4/46

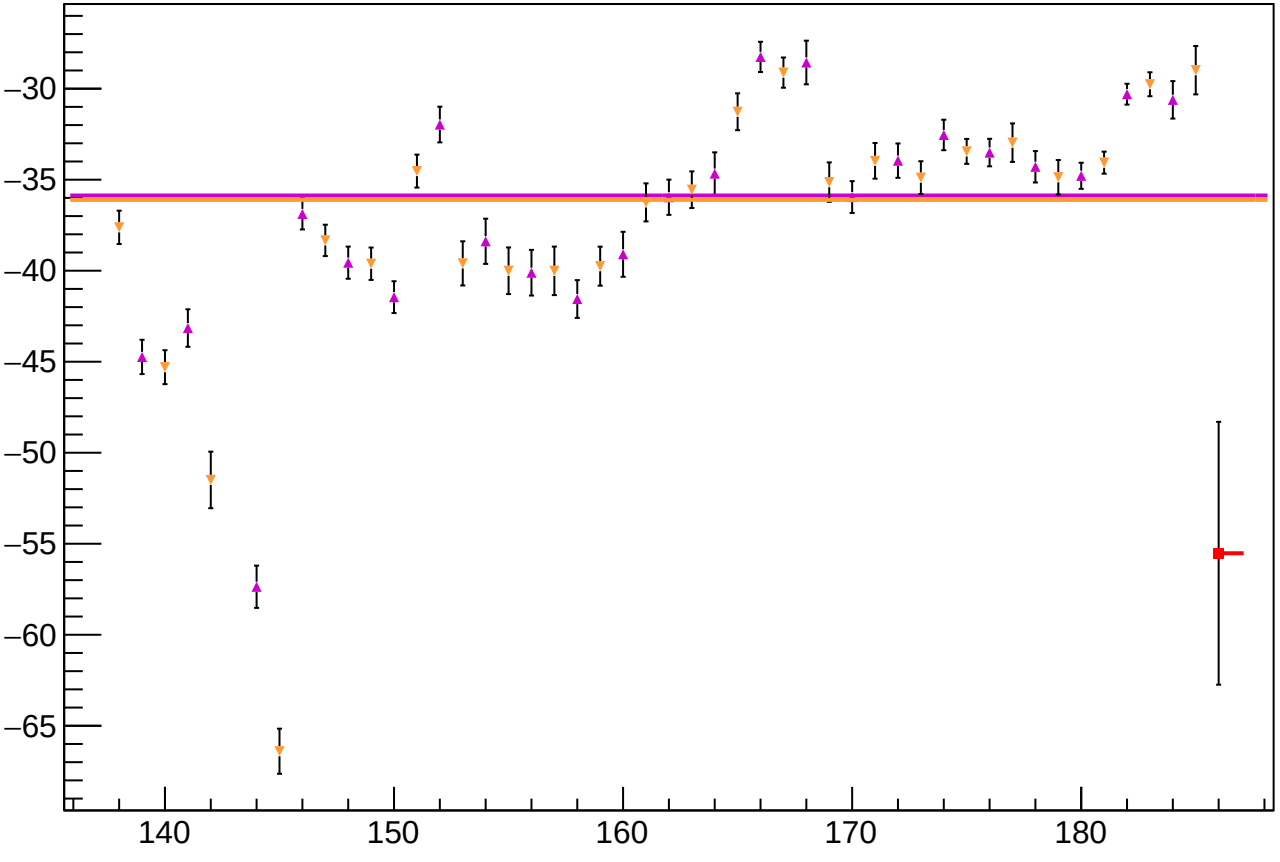
Right: -0.006+/-0.001 χ^2/NDF: 232.4/34

In: -0.008+/-0.001 χ^2/NDF:71.1/38

Out: -0.008+/-0.001 χ^2/NDF:237.1/42

All: -0.008+/-0.000 χ^2/NDF: 308.5/81

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -36.110+/-0.192 χ^2/NDF:1118.4/23

Right Out: -55.523+/-7.220 χ^2/NDF: 0.0/0

Left In: -35.869+/-0.191 χ^2/NDF:887.1/22

Left: -35.989+/-0.135 χ^2/NDF: 2006.3/46

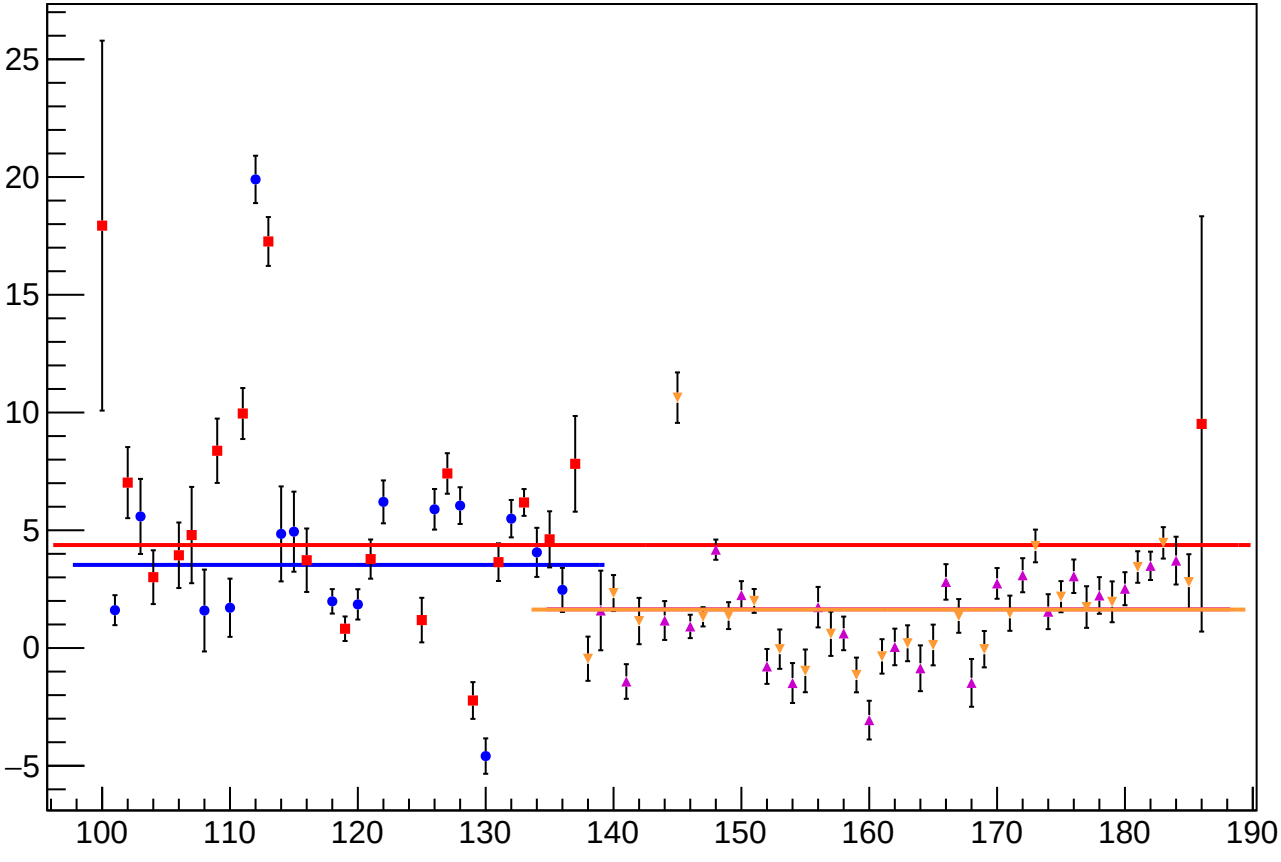
Right: -55.523+/-7.220 χ^2/NDF: 0.0/0

In: -35.869+/-0.191 χ^2/NDF:887.1/22

Out: -36.124+/-0.192 χ^2/NDF:1125.6/24

All: -35.996+/-0.135 χ^2/NDF: 2013.6/47

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.530+/-0.217 χ^2/NDF: 446.6/15

Left Out: 1.632+/-0.148 χ^2/NDF:166.7/23

Right Out: 4.373+/-0.225 χ^2/NDF: 354.2/18

Left In: 1.646+/-0.149 χ^2/NDF:164.1/22

Left: 1.639+/-0.105 χ^2/NDF: 330.7/46

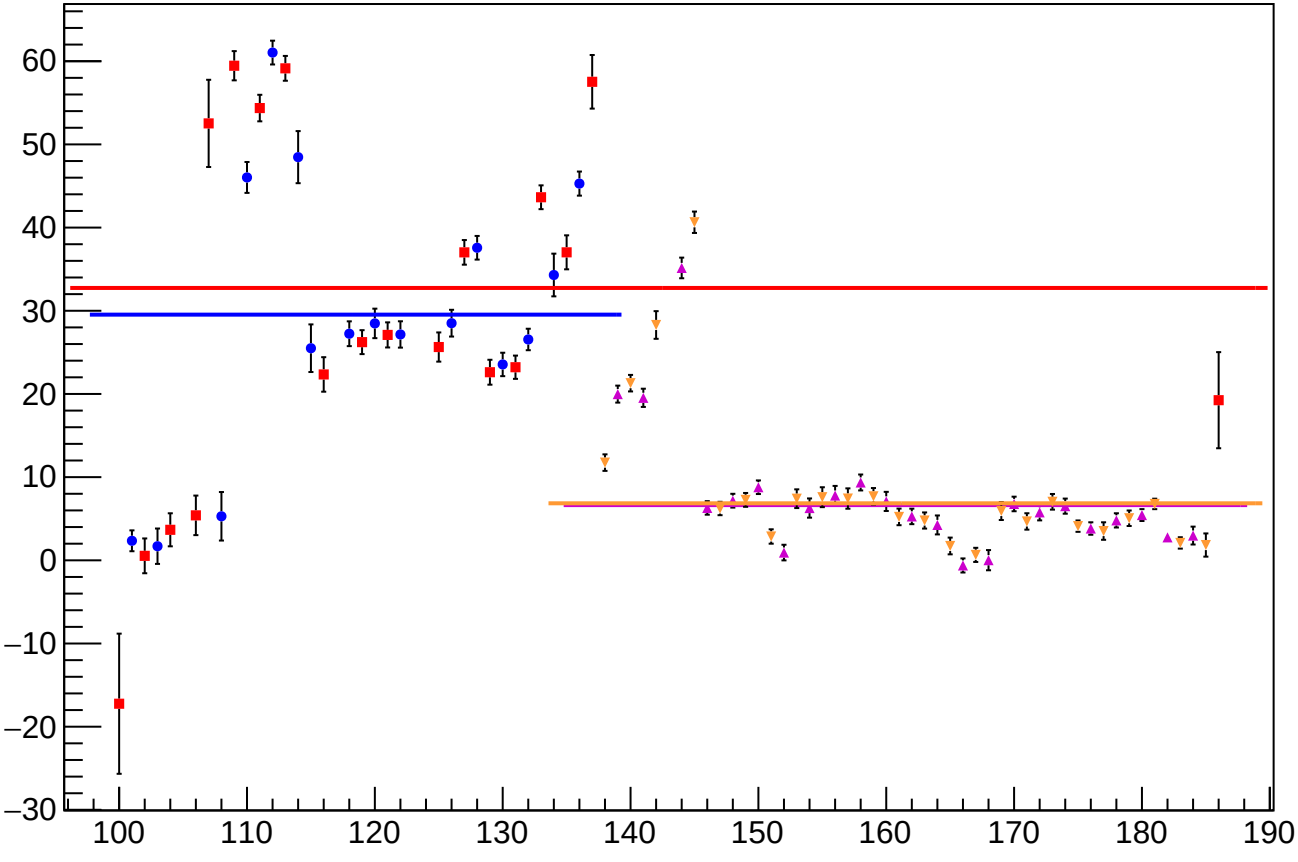
Right: 3.936+/-0.156 χ^2/NDF: 808.0/34

In: 2.249+/-0.123 χ^2/NDF:661.8/38

Out: 2.456+/-0.124 χ^2/NDF:624.3/42

All: 2.352+/-0.087 χ^2/NDF: 1287.5/81

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 6.855+/-0.191 χ^2/NDF:1298.7/23

Right Out: 32.744+/-0.422 χ^2/NDF: 1664.8/18

Left In: 6.639+/-0.190 χ^2/NDF:1077.2/22

Left: 6.746+/-0.135 χ^2/NDF: 2376.6/46

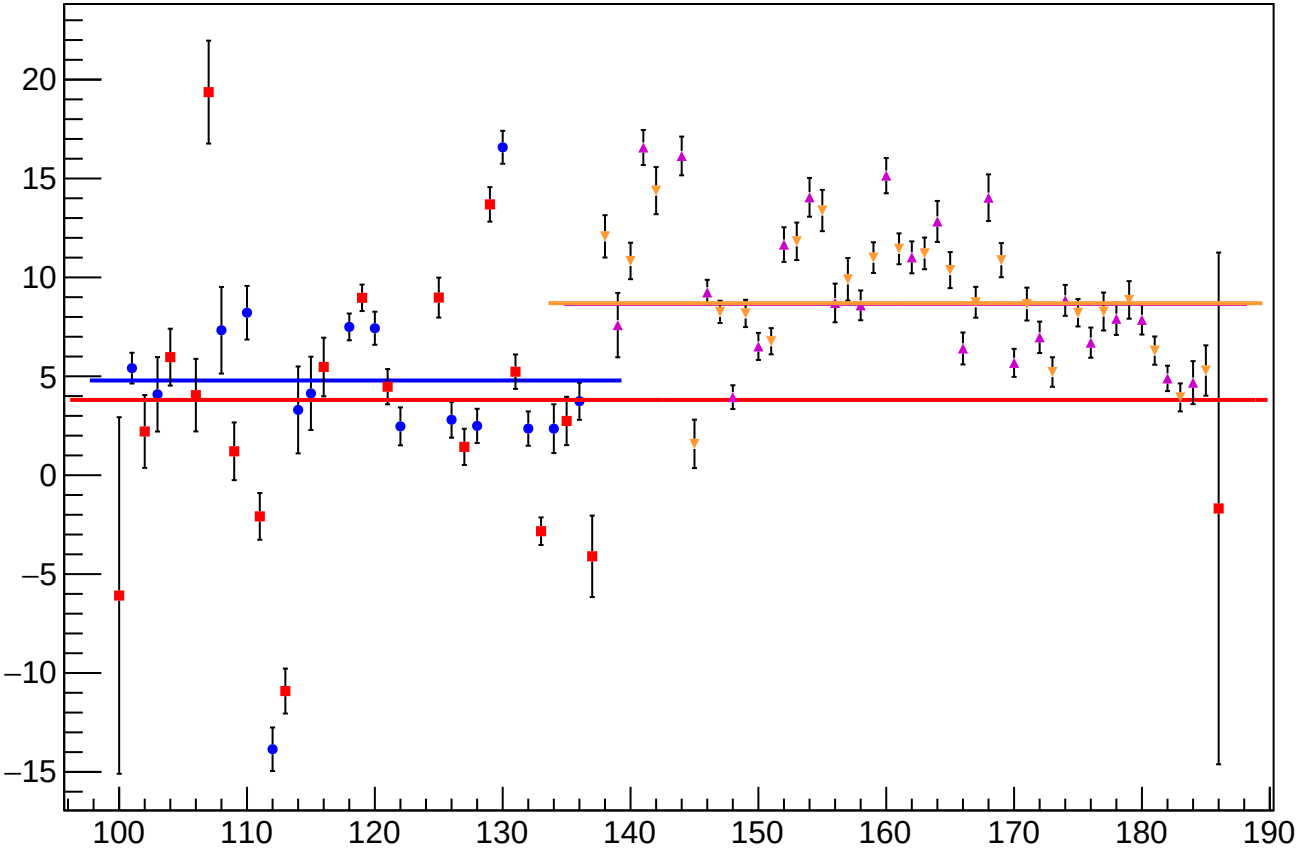
Right: 31.120+/-0.296 χ^2/NDF: 3188.9/34

In: 10.571+/-0.173 χ^2/NDF:5072.0/38

Out: 11.276+/-0.174 χ^2/NDF:6088.5/42

All: 10.920+/-0.123 χ^2/NDF: 11168.7/81

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 8.697+/-0.169 χ^2/NDF:241.1/23

Right Out: 3.807+/-0.259 χ^2/NDF: 567.8/18

Left In: 8.659+/-0.170 χ^2/NDF:438.0/22

Left: 8.678+/-0.120 χ^2/NDF: 679.2/46

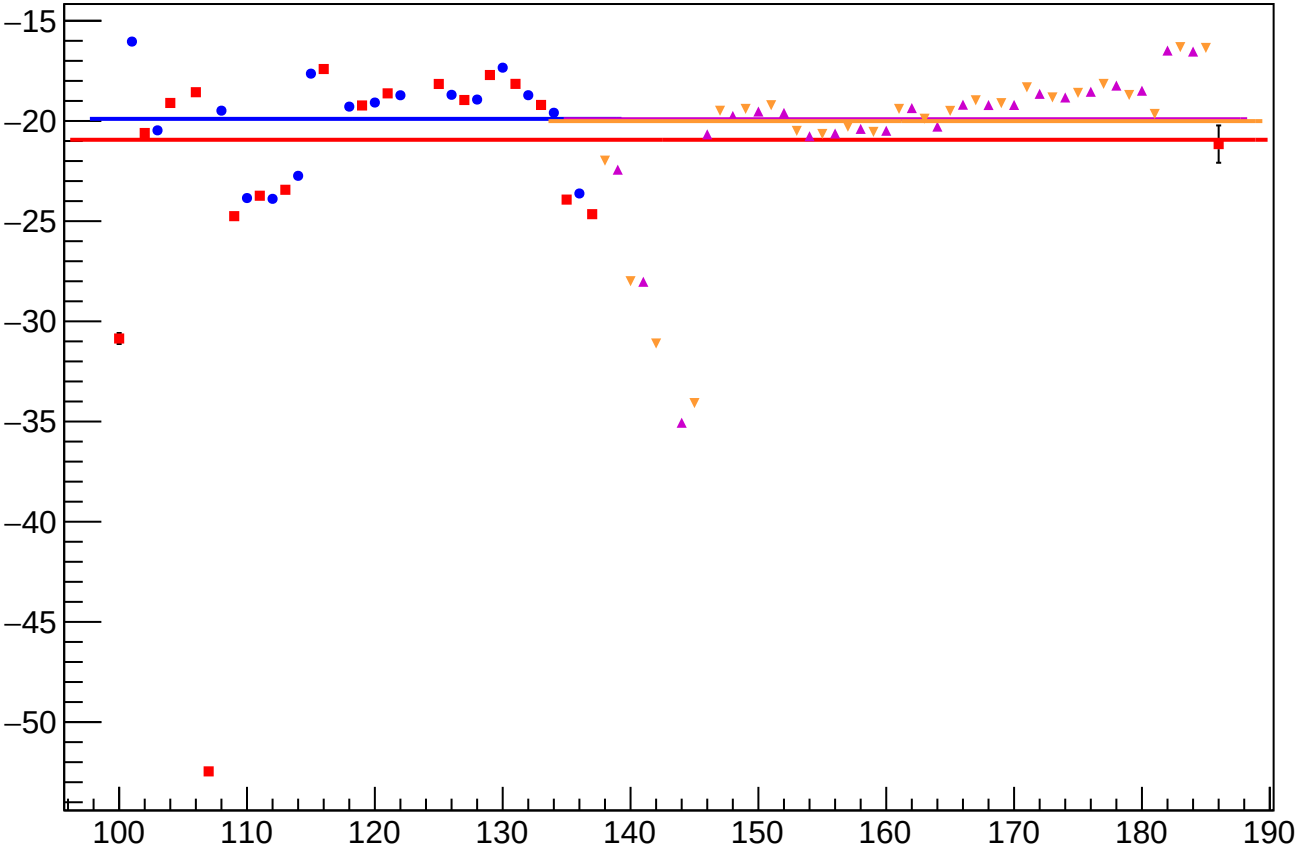
Right: 4.312+/-0.180 χ^2/NDF: 1129.1/34

In: 7.446+/-0.141 χ^2/NDF:1154.9/38

Out: 7.236+/-0.141 χ^2/NDF:1059.2/42

All: 7.342+/-0.100 χ^2/NDF: 2215.3/81

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -20.007+/-0.008 χ^2/NDF:171647.2/23

Right Out: -20.939+/-0.016 χ^2/NDF: 94065.2/18

Left In: -19.912+/-0.008 χ^2/NDF:145487.3/22

Left: -19.959+/-0.006 χ^2/NDF: 317207.1/46

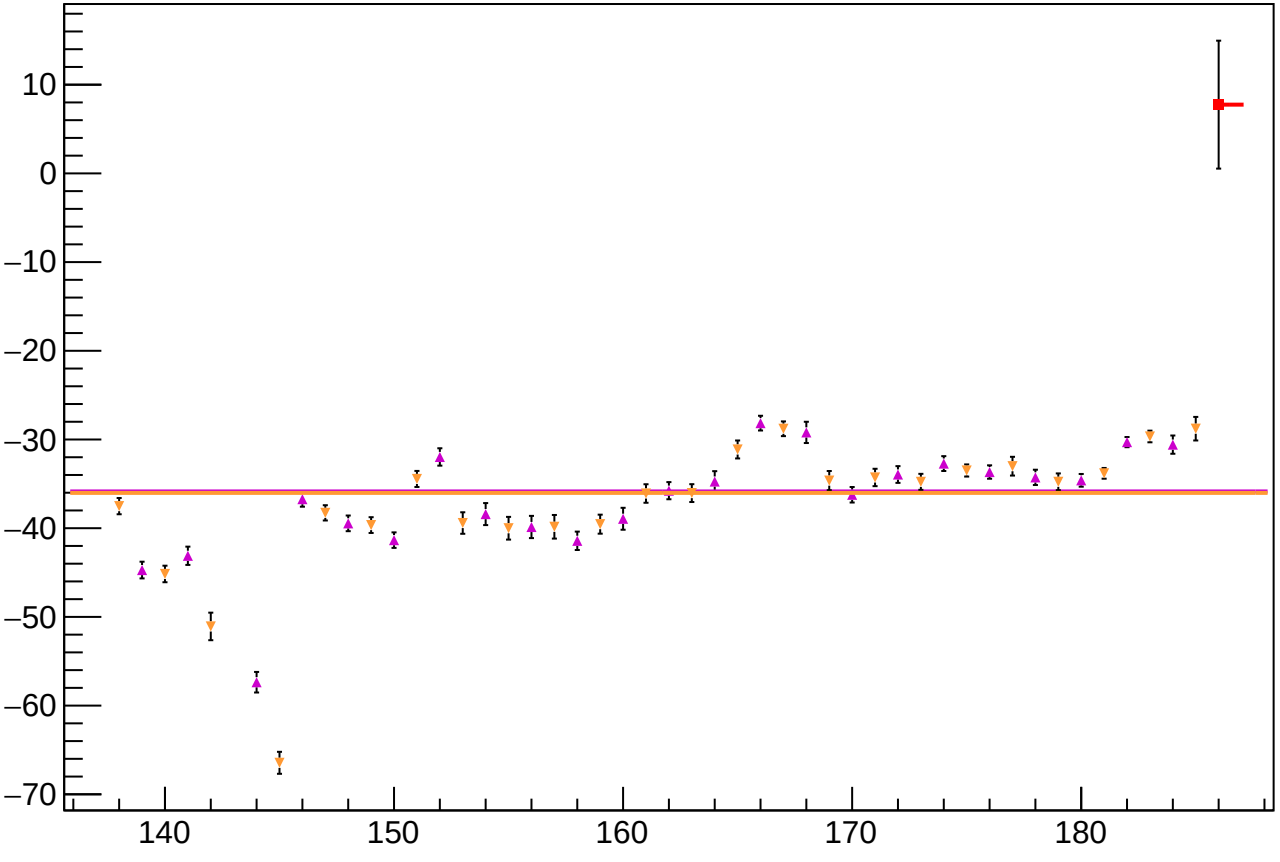
Right: -20.412+/-0.011 χ^2/NDF: 122364.7/34

In: -19.909+/-0.007 χ^2/NDF:171561.9/38

Out: -20.195+/-0.007 χ^2/NDF:268521.7/42

All: -20.050+/-0.005 χ^2/NDF: 440913.4/81

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -36.019+/-0.192 χ^2/NDF:1125.4/23

Right Out: 7.751+/-7.212 χ^2/NDF: 0.0/0

Left In: -35.856+/-0.191 χ^2/NDF:875.9/22

Left: -35.937+/-0.135 χ^2/NDF: 2001.6/46

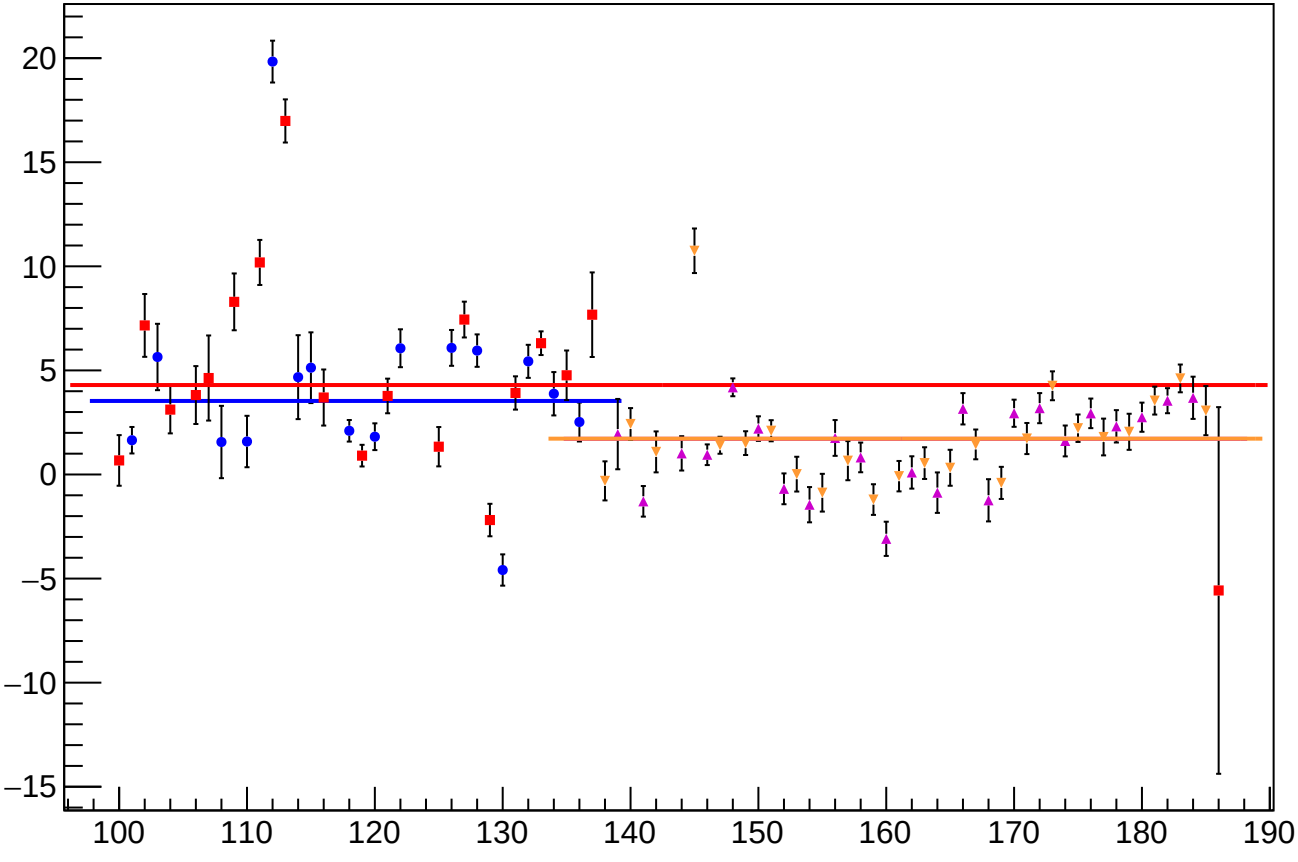
Right: 7.751+/-7.212 χ^2/NDF: 0.0/0

In: -35.856+/-0.191 χ^2/NDF:875.9/22

Out: -35.988+/-0.192 χ^2/NDF:1162.2/24

All: -35.921+/-0.135 χ^2/NDF: 2038.3/47

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.532+/-0.217 χ^2/NDF: 443.2/15

Left Out: 1.721+/-0.148 χ^2/NDF:168.3/23

Right Out: 4.297+/-0.221 χ^2/NDF: 354.0/18

Left In: 1.712+/-0.149 χ^2/NDF:164.1/22

Left: 1.717+/-0.105 χ^2/NDF: 332.4/46

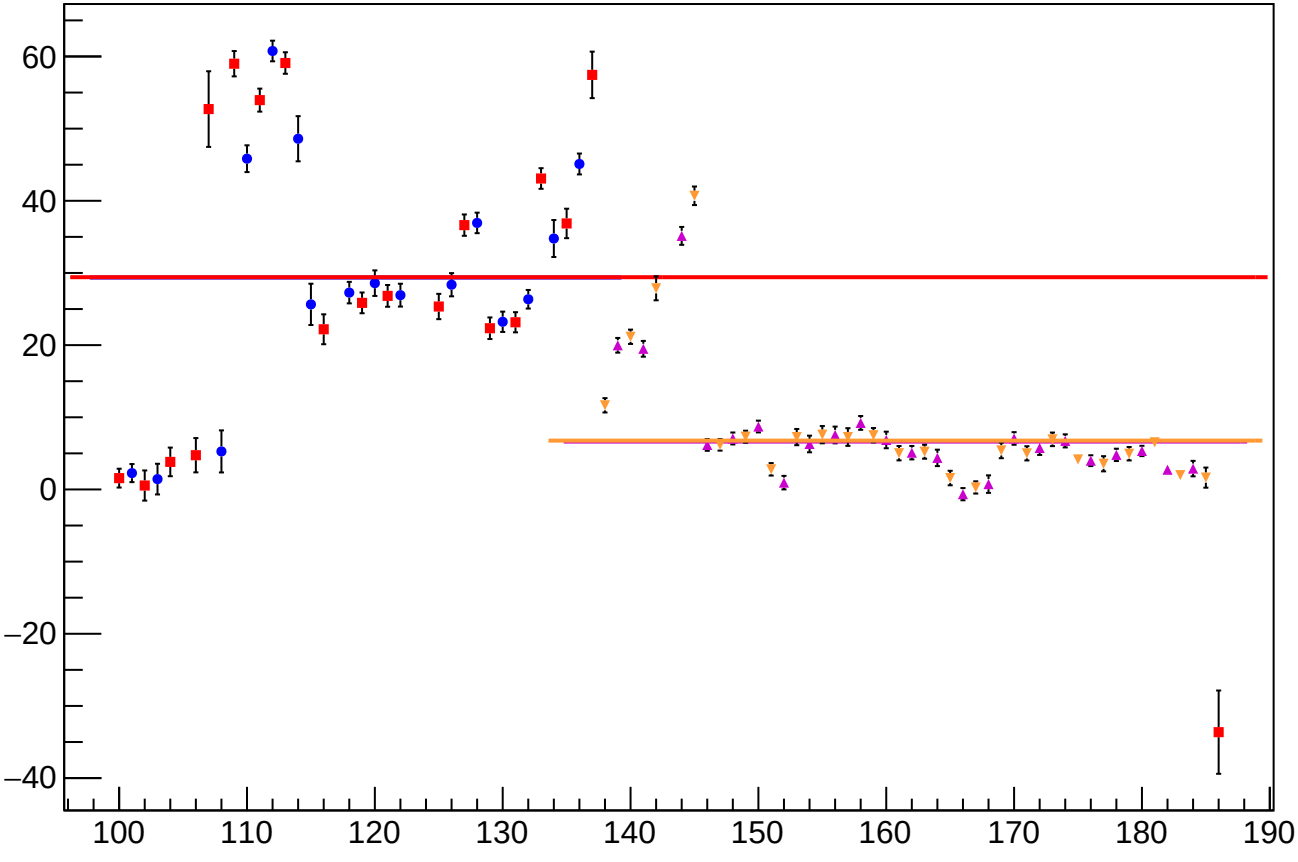
Right: 3.907+/-0.155 χ^2/NDF: 803.4/34

In: 2.295+/-0.123 χ^2/NDF:655.1/38

Out: 2.513+/-0.123 χ^2/NDF:616.0/42

All: 2.404+/-0.087 χ^2/NDF: 1272.6/81

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 6.767+/-0.191 χ^2/NDF:1301.2/23

Right Out: 29.412+/-0.401 χ^2/NDF: 2249.5/18

Left In: 6.635+/-0.190 χ^2/NDF:1070.4/22

Left: 6.700+/-0.135 χ^2/NDF: 2371.9/46

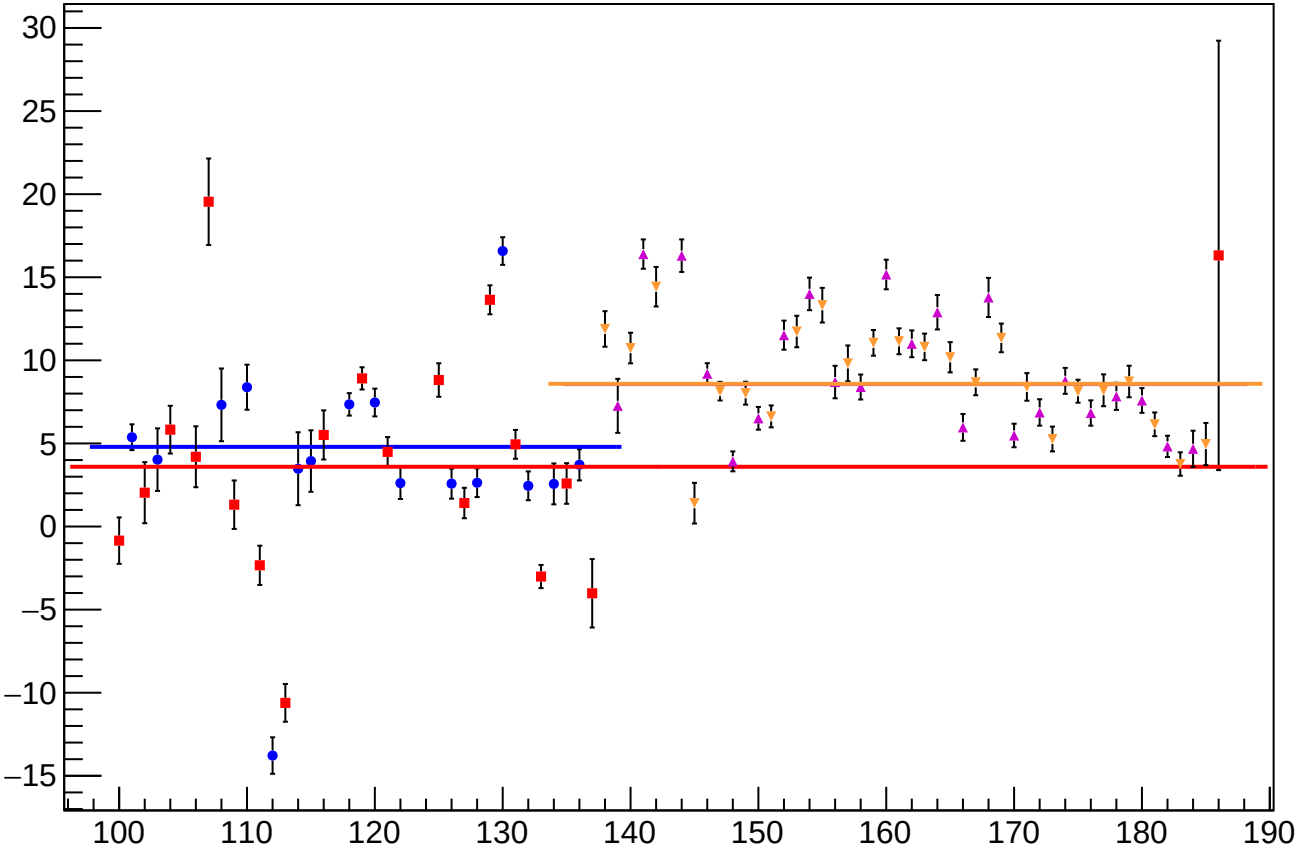
Right: 29.390+/-0.289 χ^2/NDF: 3738.2/34

In: 10.539+/-0.173 χ^2/NDF:5026.6/38

Out: 10.956+/-0.173 χ^2/NDF:6143.7/42

All: 10.747+/-0.122 χ^2/NDF: 11173.2/81

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 8.588+/-0.169 χ^2/NDF:245.6/23

Right Out: 3.596+/-0.254 χ^2/NDF: 574.3/18

Left In: 8.573+/-0.170 χ^2/NDF:443.4/22

Left: 8.581+/-0.120 χ^2/NDF: 689.0/46

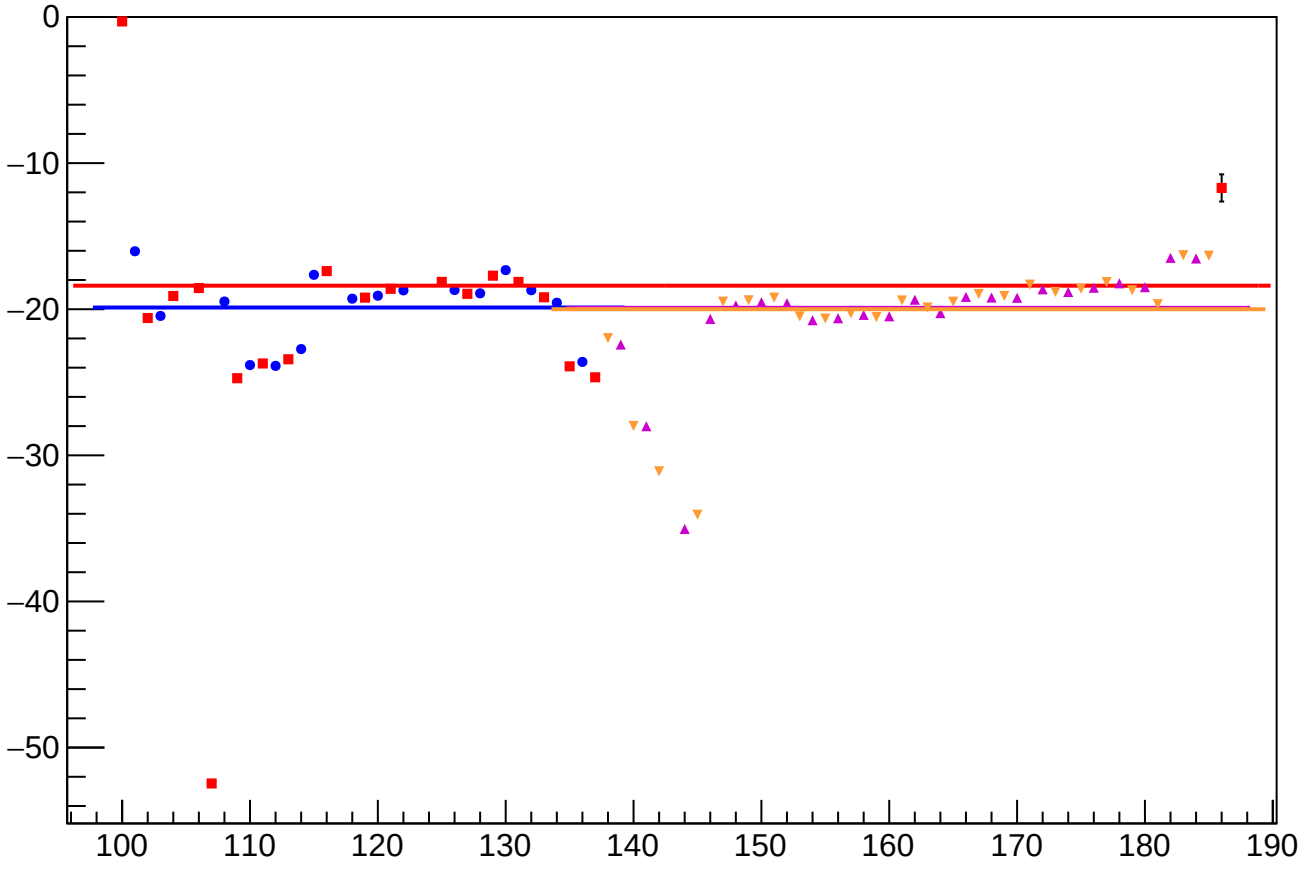
Right: 4.203+/-0.179 χ^2/NDF: 1135.5/34

In: 7.389+/-0.141 χ^2/NDF:1148.9/38

Out: 7.062+/-0.141 χ^2/NDF:1087.2/42

All: 7.225+/-0.099 χ^2/NDF: 2238.9/81

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -19.999+/-0.008 χ^2/NDF:171834.0/23

Right Out: -18.388+/-0.015 χ^2/NDF: 301299.5/18

Left In: -19.905+/-0.008 χ^2/NDF:145346.7/22

Left: -19.951+/-0.006 χ^2/NDF: 317253.3/46

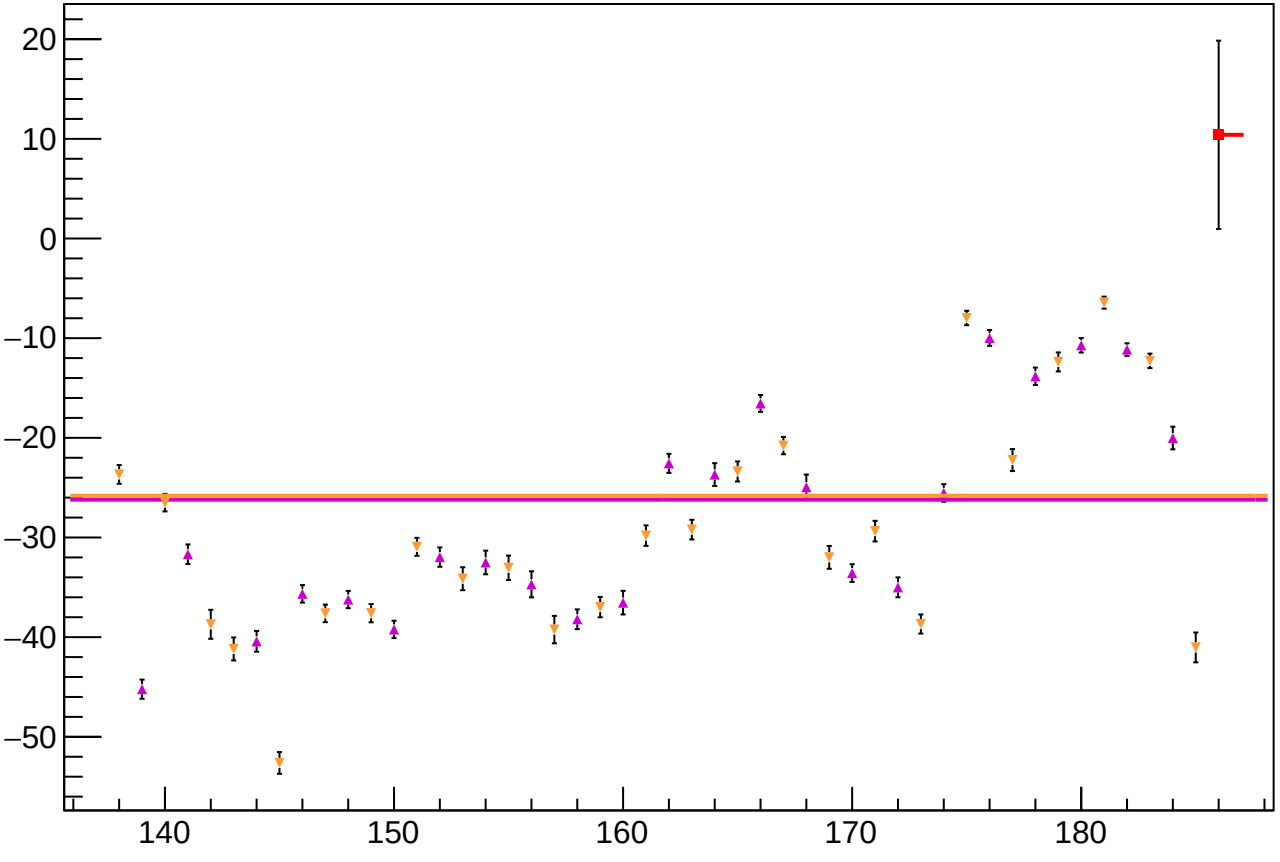
Right: -19.095+/-0.011 χ^2/NDF: 332231.1/34

In: -19.900+/-0.007 χ^2/NDF:171411.7/38

Out: -19.640+/-0.007 χ^2/NDF:482423.4/42

All: -19.770+/-0.005 χ^2/NDF: 654531.5/81

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -25.804+/-0.192 χ^2/NDF:4127.8/24

Right Out: 10.404+/-9.447 χ^2/NDF: 0.0/0

Left In: -26.204+/-0.194 χ^2/NDF:3377.8/22

Left: -26.002+/-0.137 χ^2/NDF: 7507.7/47

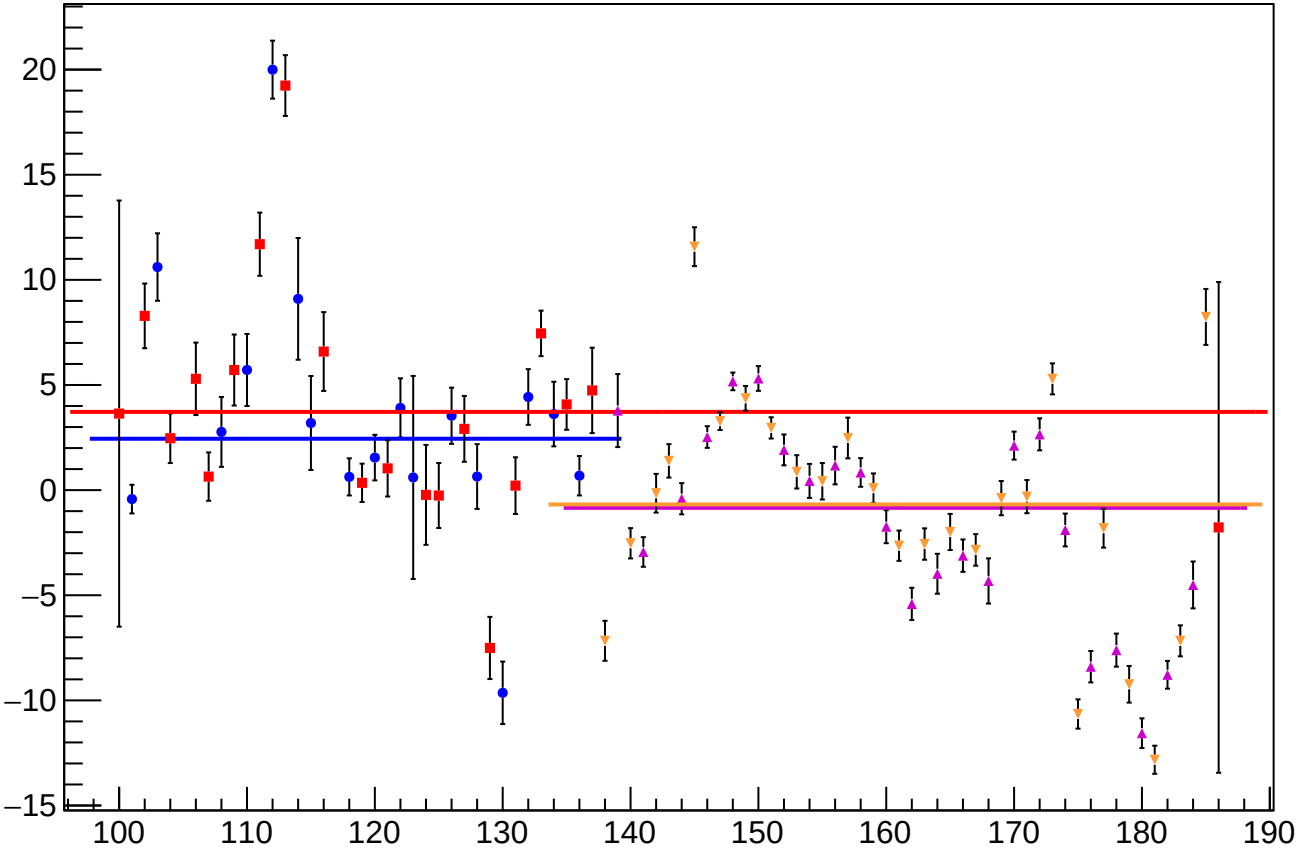
Right: 10.404+/-9.447 χ^2/NDF: 0.0/0

In: -26.204+/-0.194 χ^2/NDF:3377.8/22

Out: -25.789+/-0.192 χ^2/NDF:4142.5/25

All: -25.994+/-0.137 χ^2/NDF: 7522.5/48

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: -0.681+/-0.147 χ^2/NDF:1314.3/24

Right Out: 3.721+/-0.327 χ^2/NDF: 269.3/19

Left In: -0.842+/-0.150 χ^2/NDF:1071.6/22

Left: -0.760+/-0.105 χ^2/NDF: 2386.5/47

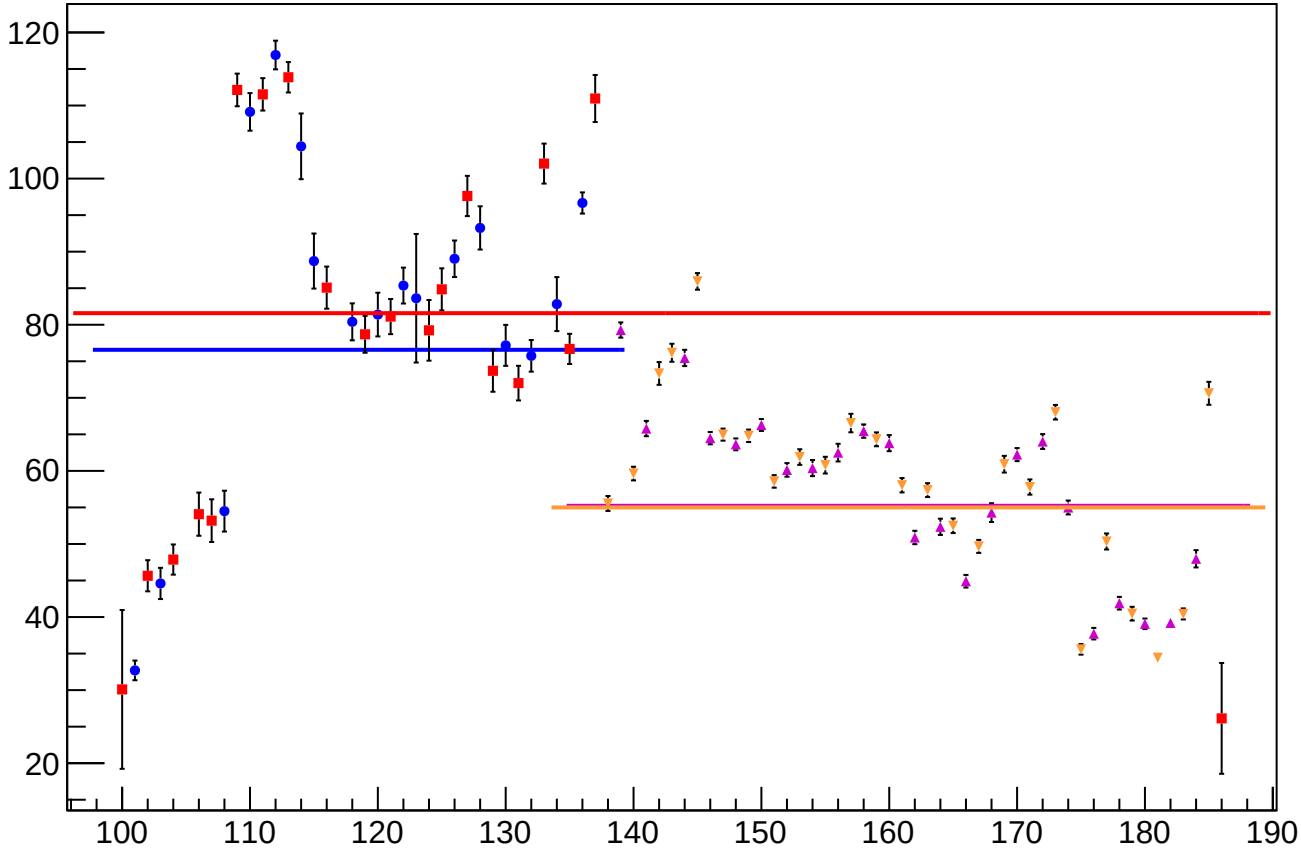
Right: 3.051+/-0.225 χ^2/NDF: 572.7/36

In: -0.222+/-0.135 χ^2/NDF:1457.5/39

Out: 0.057+/-0.134 χ^2/NDF:1734.7/44

All: -0.081+/-0.095 χ^2/NDF: 3194.3/84

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 55.000+/-0.192 χ^2/NDF:4524.8/24

Right Out: 81.585+/-0.590 χ^2/NDF: 1624.4/19

Left In: 55.225+/-0.193 χ^2/NDF:3825.0/22

Left: 55.112+/-0.136 χ^2/NDF: 8350.5/47

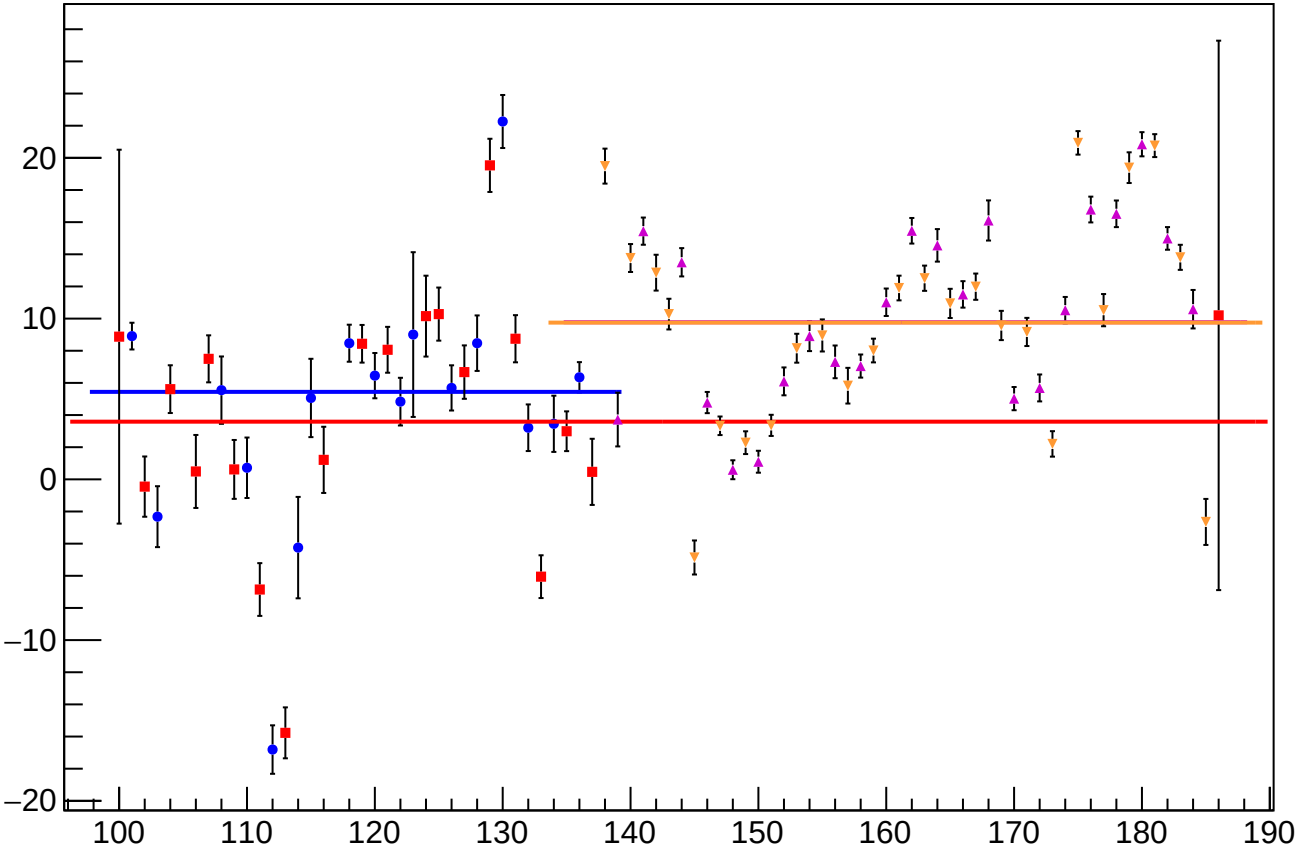
Right: 79.006+/-0.411 χ^2/NDF: 3915.1/36

In: 57.394+/-0.183 χ^2/NDF:7324.2/39

Out: 57.541+/-0.182 χ^2/NDF:7984.8/44

All: 57.468+/-0.129 χ^2/NDF: 15309.3/84

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 9.750+/-0.168 χ^2/NDF:1449.2/24

Right Out: 3.588+/-0.375 χ^2/NDF: 423.4/19

Left In: 9.775+/-0.171 χ^2/NDF:1165.6/22

Left: 9.762+/-0.120 χ^2/NDF: 2614.7/47

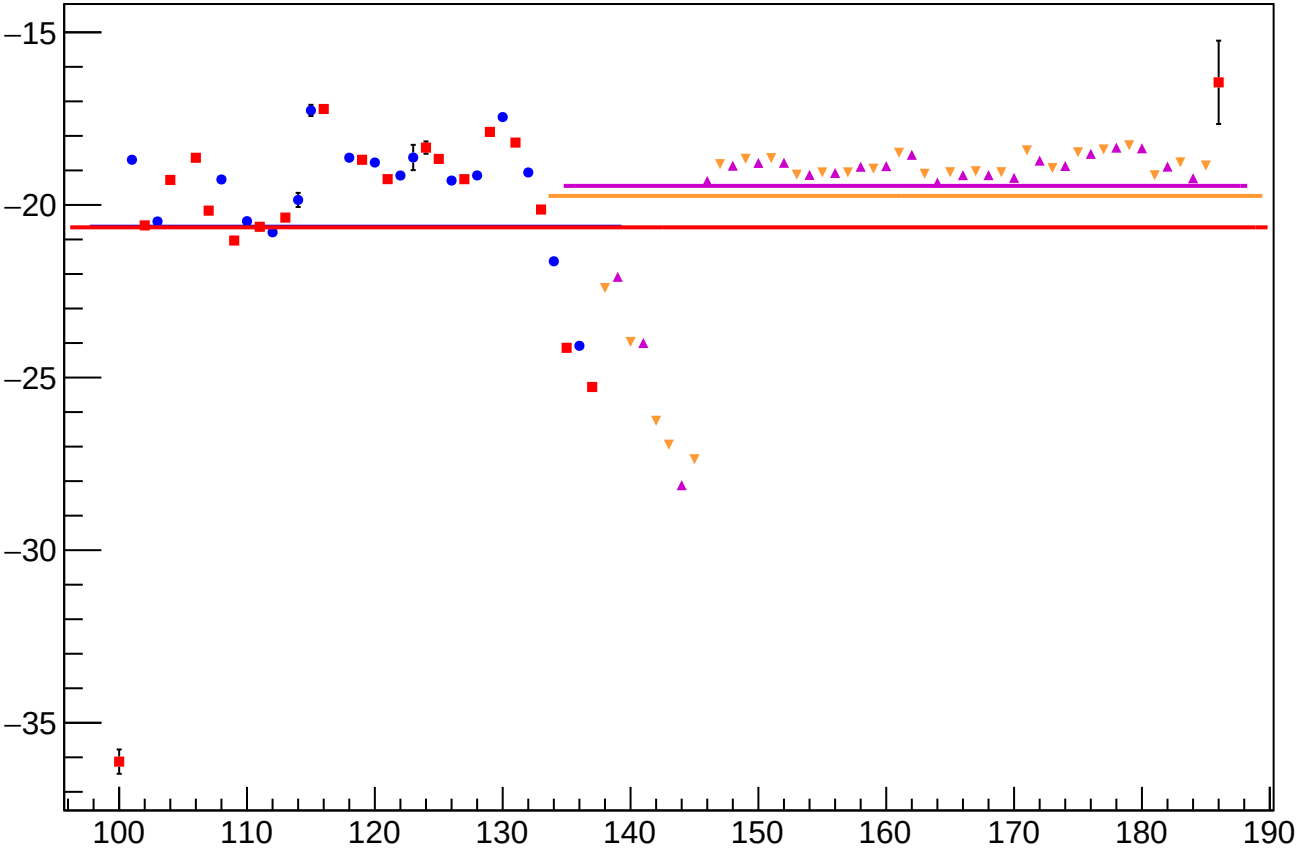
Right: 4.560+/-0.259 χ^2/NDF: 823.6/36

In: 8.965+/-0.154 χ^2/NDF:1672.6/39

Out: 8.719+/-0.153 χ^2/NDF:2097.2/44

All: 8.842+/-0.109 χ^2/NDF: 3771.1/84

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -19.738+/-0.008 χ^2/NDF:88495.2/24

Right Out: -20.649+/-0.019 χ^2/NDF: 13897.8/19

Left In: -19.448+/-0.008 χ^2/NDF:54039.2/22

Left: -19.593+/-0.006 χ^2/NDF: 143208.7/47

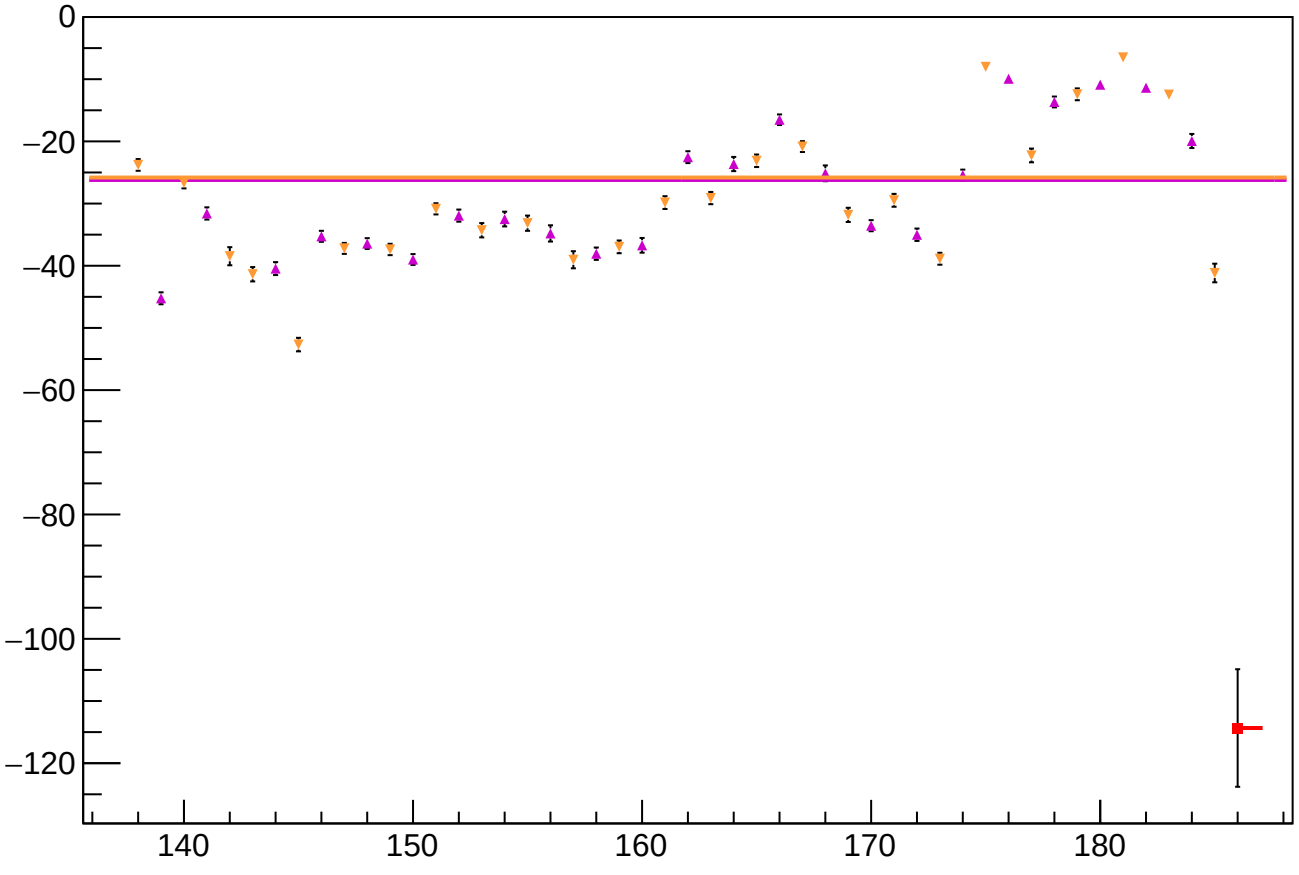
Right: -20.639+/-0.014 χ^2/NDF: 26388.7/36

In: -19.619+/-0.007 χ^2/NDF:69749.6/39

Out: -19.867+/-0.007 χ^2/NDF:104276.4/44

All: -19.743+/-0.005 χ^2/NDF: 174603.8/84

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -25.814+/-0.192 χ^2/NDF:4094.6/24

Right Out: -114.340+/-9.454 χ^2/NDF: 0.0/0

Left In: -26.200+/-0.194 χ^2/NDF:3344.6/22

Left: -26.005+/-0.137 χ^2/NDF: 7441.2/47

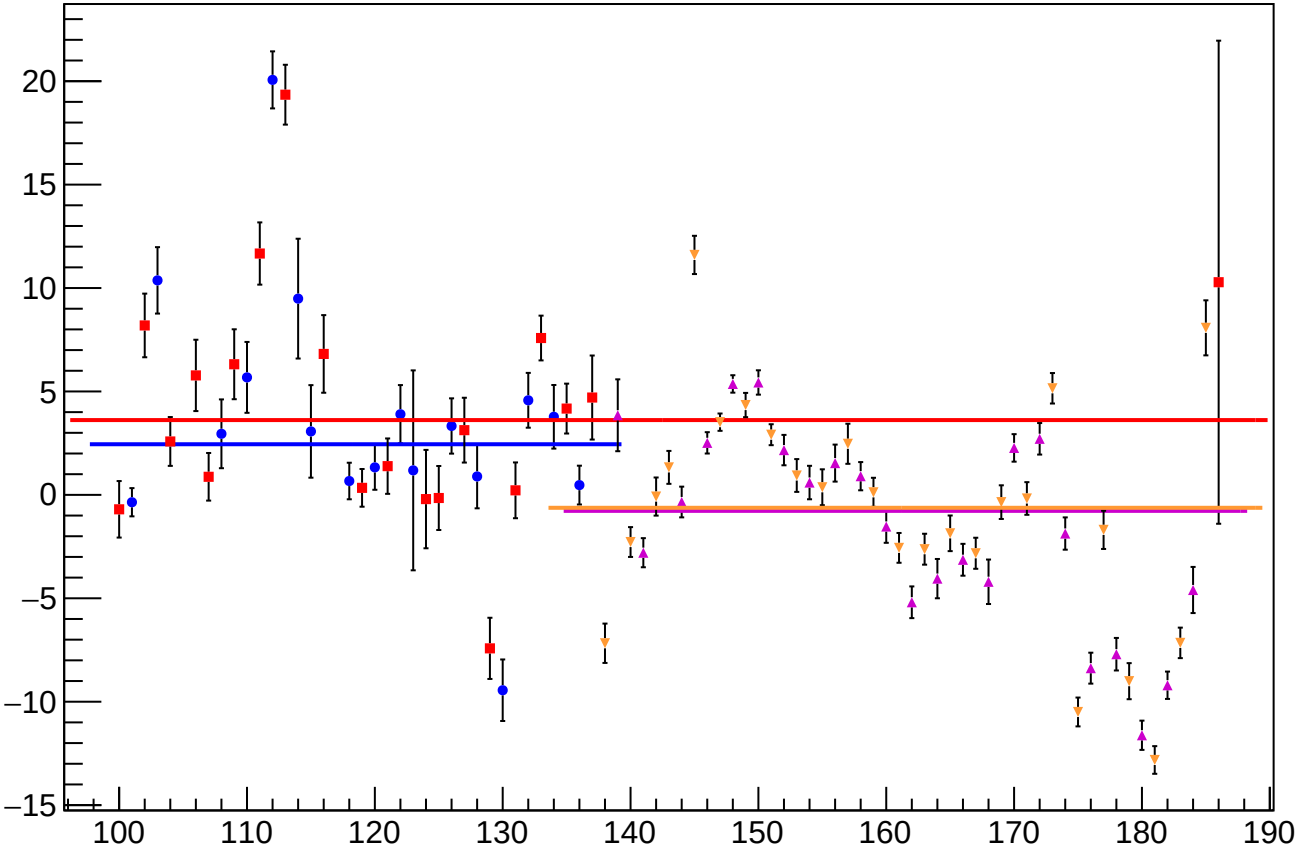
Right: -114.340+/-9.454 χ^2/NDF: 0.0/0

In: -26.200+/-0.194 χ^2/NDF:3344.6/22

Out: -25.851+/-0.192 χ^2/NDF:4182.2/25

All: -26.024+/-0.137 χ^2/NDF: 7528.5/48

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: -0.625+/-0.147 χ^2/NDF:1303.5/24

Right Out: 3.616+/-0.318 χ^2/NDF: 279.7/19

Left In: -0.773+/-0.150 χ^2/NDF:1111.4/22

Left: -0.697+/-0.105 χ^2/NDF: 2415.4/47

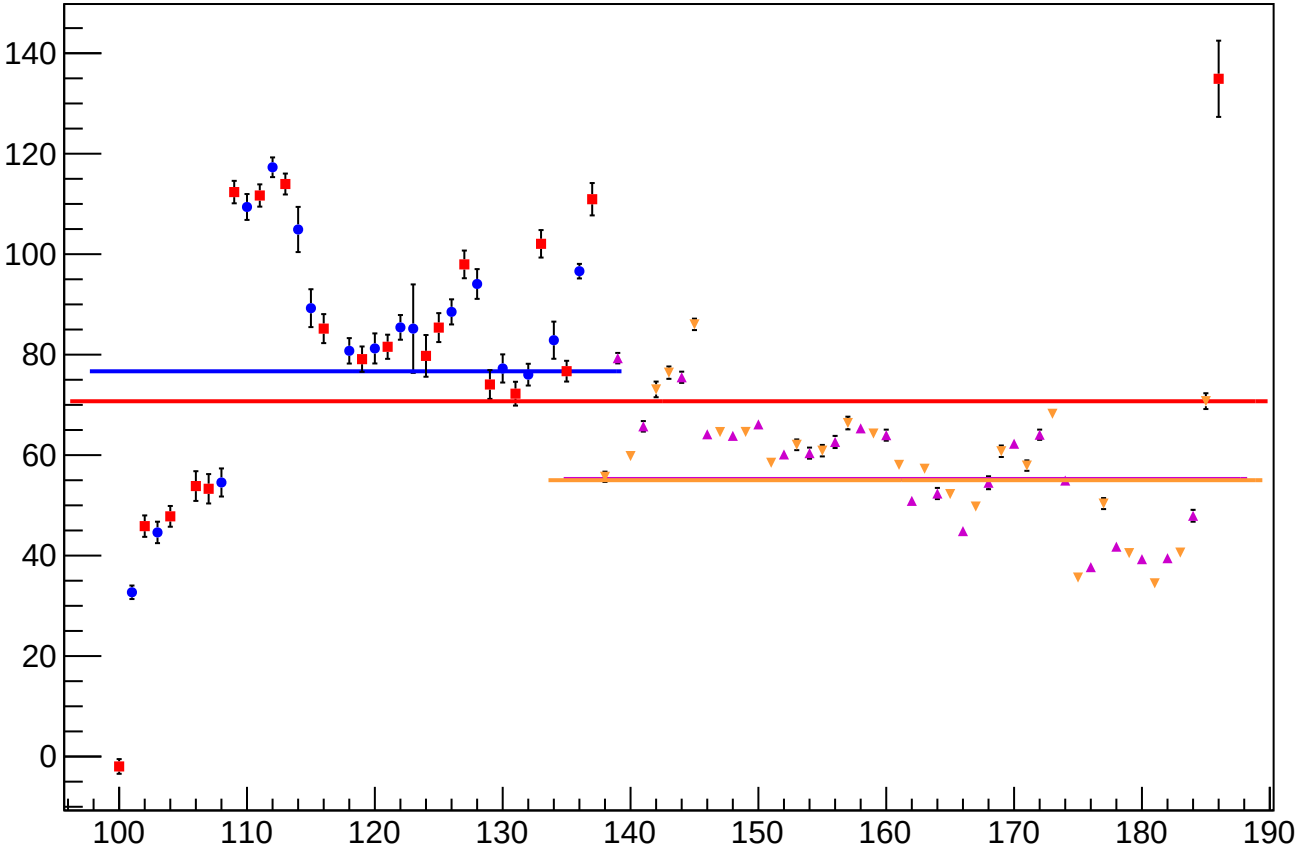
Right: 3.019+/-0.222 χ^2/NDF: 580.0/36

In: -0.165+/-0.135 χ^2/NDF:1491.7/39

Out: 0.119+/-0.133 χ^2/NDF:1729.8/44

All: -0.021+/-0.095 χ^2/NDF: 3223.7/84

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 55.008+/-0.192 χ^2/NDF:4502.1/24

Right Out: 70.723+/-0.548 χ^2/NDF: 4463.1/19

Left In: 55.252+/-0.193 χ^2/NDF:3786.2/22

Left: 55.129+/-0.136 χ^2/NDF: 8289.0/47

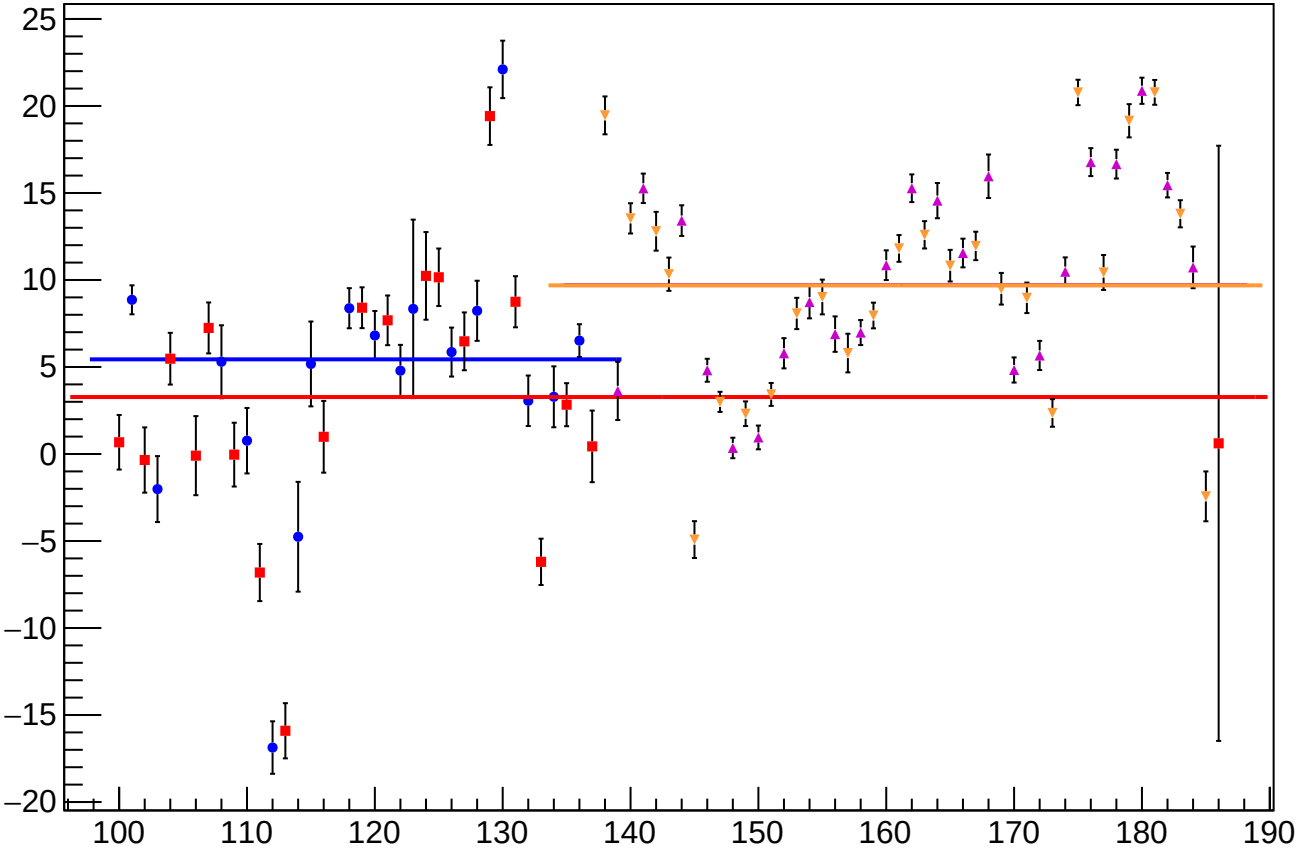
Right: 73.570+/-0.396 χ^2/NDF: 6784.7/36

In: 57.430+/-0.183 χ^2/NDF:7305.7/39

Out: 56.724+/-0.181 χ^2/NDF:9696.8/44

All: 57.074+/-0.129 χ^2/NDF: 17010.1/84

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 9.691+/-0.168 χ^2/NDF:1440.3/24

Right Out: 3.274+/-0.365 χ^2/NDF: 425.8/19

Left In: 9.708+/-0.171 χ^2/NDF:1198.0/22

Left: 9.699+/-0.120 χ^2/NDF: 2638.3/47

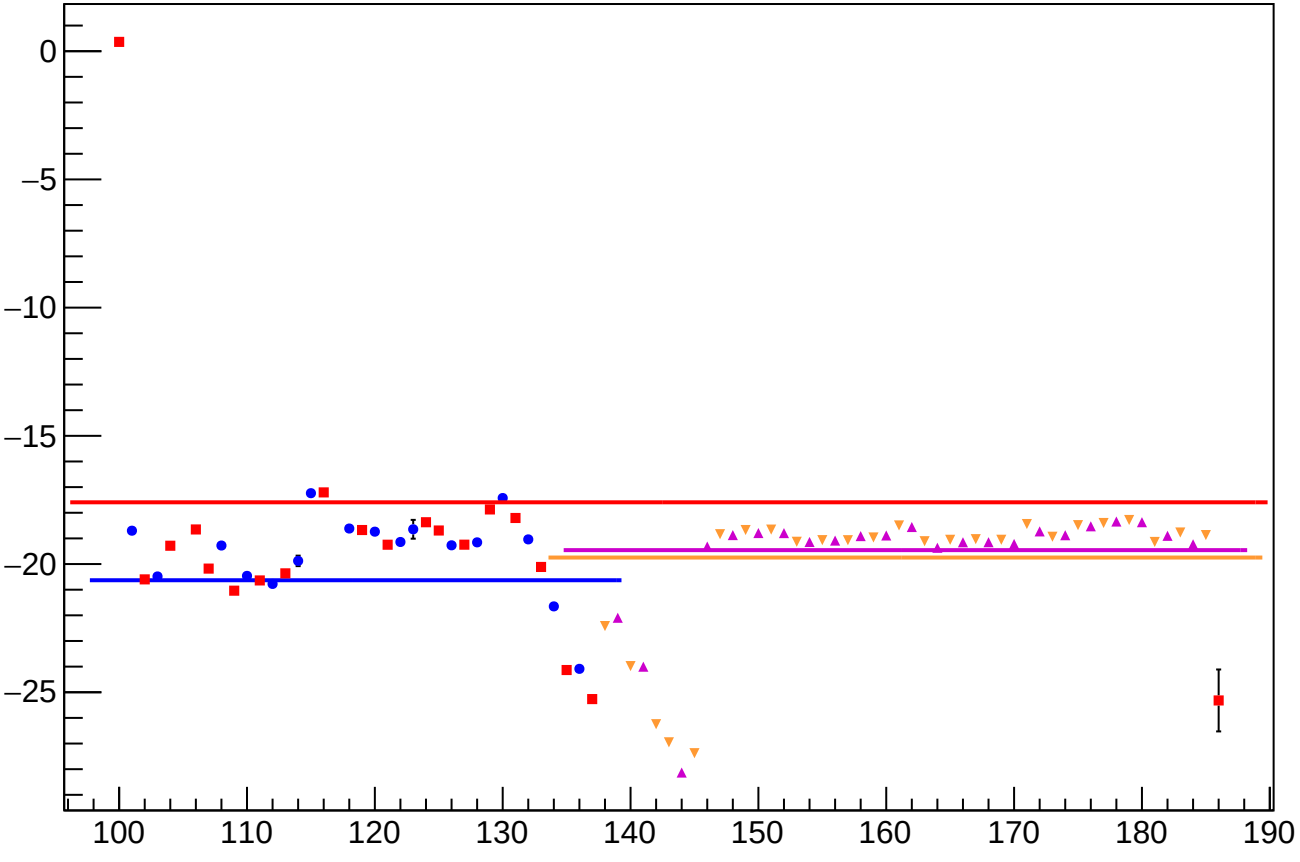
Right: 4.380+/-0.255 χ^2/NDF: 829.7/36

In: 8.911+/-0.155 χ^2/NDF:1699.9/39

Out: 8.567+/-0.153 χ^2/NDF:2120.7/44

All: 8.737+/-0.109 χ^2/NDF: 3823.1/84

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -19.746+/-0.008 χ^2/NDF:88374.4/24

Right Out: -17.592+/-0.018 χ^2/NDF: 178721.6/19

Left In: -19.457+/-0.008 χ^2/NDF:53995.4/22

Left: -19.602+/-0.006 χ^2/NDF: 143036.3/47

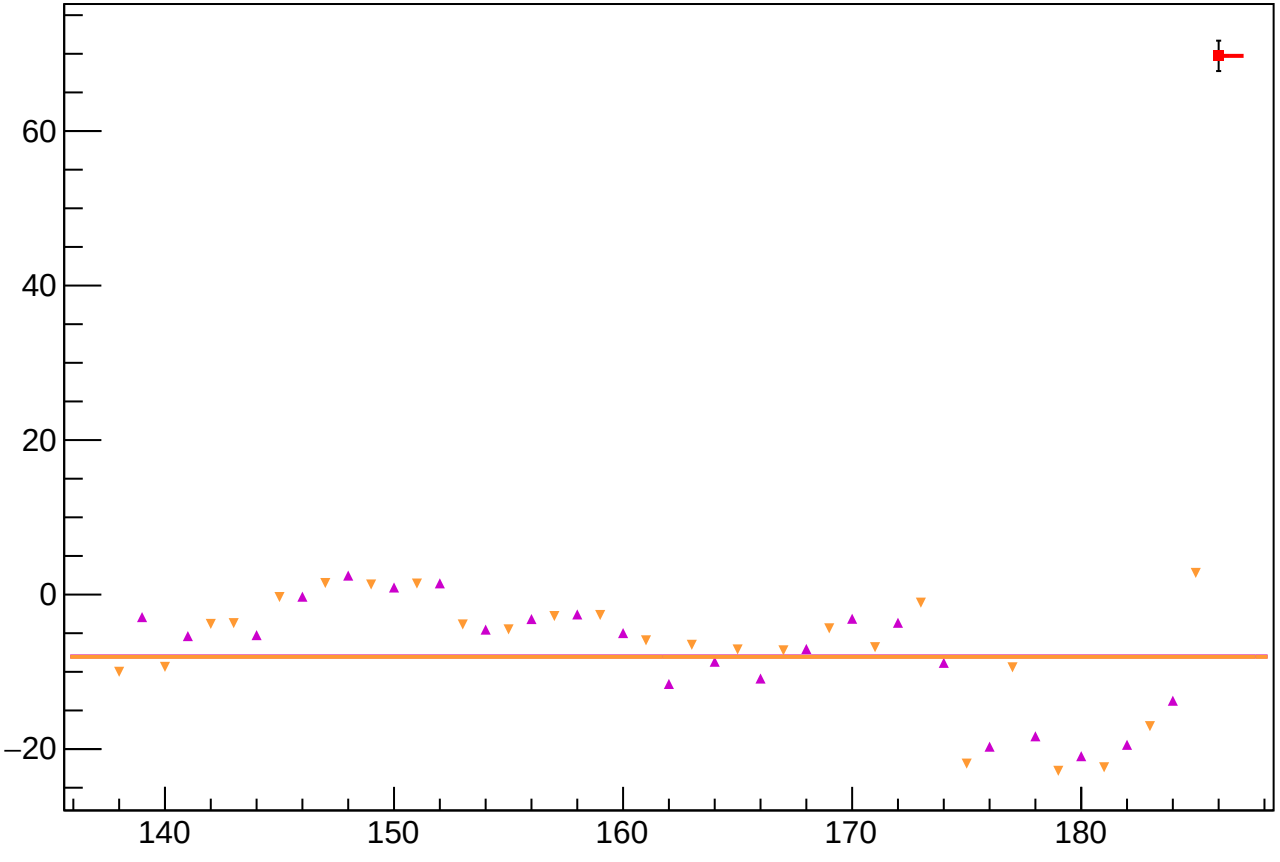
Right: -19.008+/-0.013 χ^2/NDF: 204513.7/36

In: -19.627+/-0.007 χ^2/NDF:69697.4/39

Out: -19.398+/-0.007 χ^2/NDF:279084.8/44

All: -19.511+/-0.005 χ^2/NDF: 349273.9/84

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -8.058+/-0.070 χ^2/NDF:12532.2/24

Right Out: 69.732+/-1.967 χ^2/NDF: 0.0/0

Left In: -8.010+/-0.071 χ^2/NDF:10631.2/22

Left: -8.034+/-0.050 χ^2/NDF: 23163.6/47

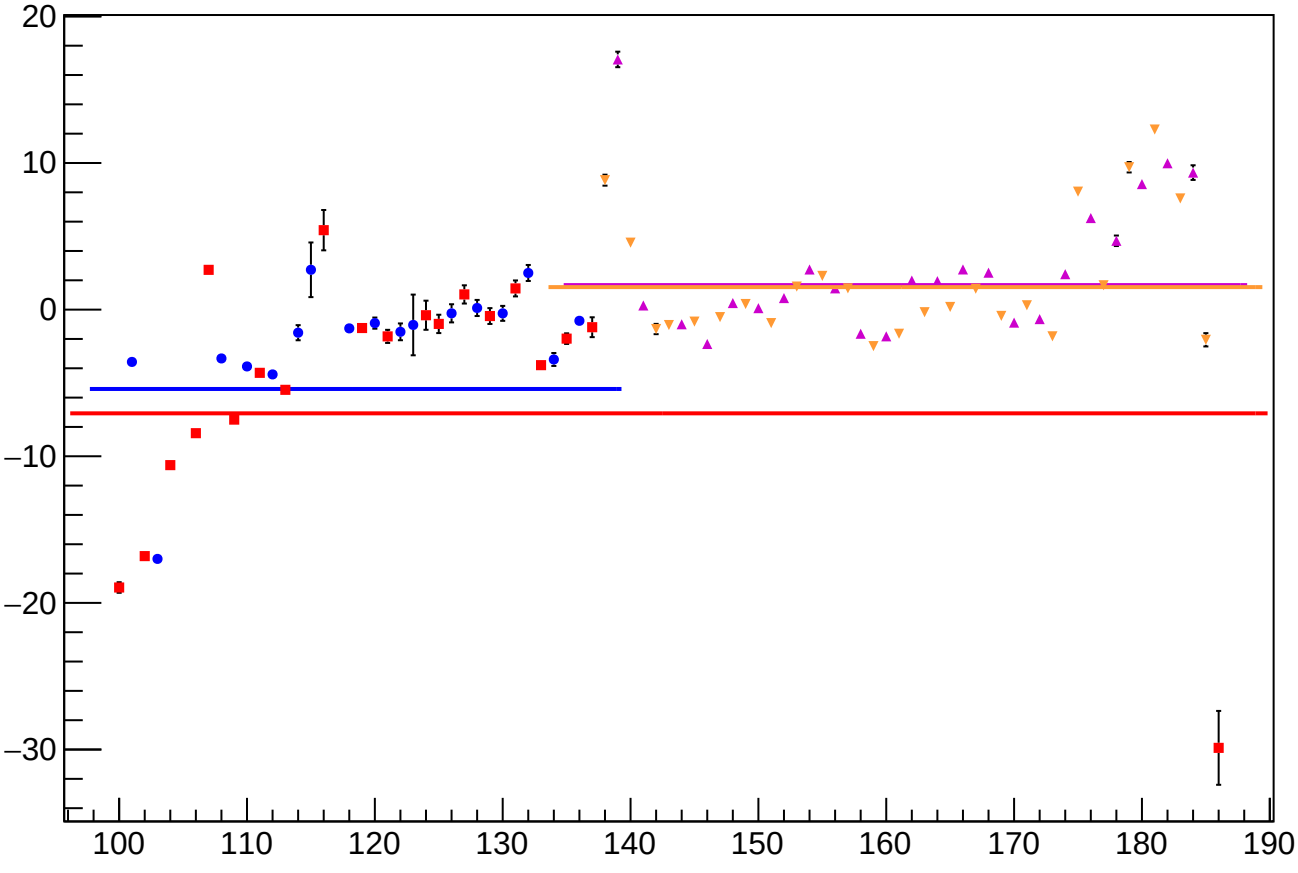
Right: 69.732+/-1.967 χ^2/NDF: 0.0/0

In: -8.010+/-0.071 χ^2/NDF:10631.2/22

Out: -7.959+/-0.070 χ^2/NDF:14094.4/25

All: -7.984+/-0.050 χ^2/NDF: 24725.8/48

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.411+/-0.055 χ^2/NDF: 9261.2/16

Left Out: 1.535+/-0.055 χ^2/NDF:4816.7/24

Right Out: -7.073+/-0.059 χ^2/NDF: 12411.5/19

Left In: 1.673+/-0.056 χ^2/NDF:4106.3/22

Left: 1.602+/-0.039 χ^2/NDF: 8926.1/47

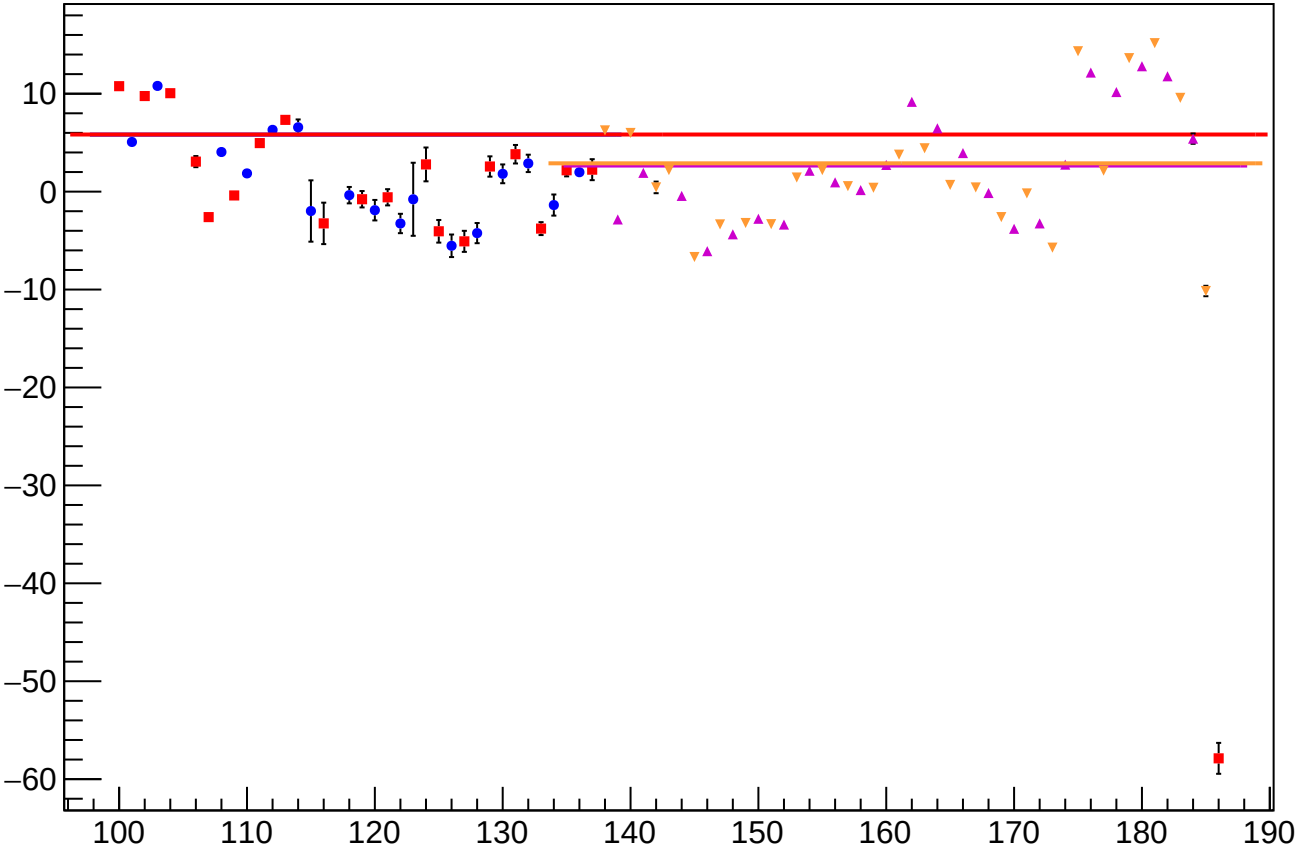
Right: -6.179+/-0.040 χ^2/NDF: 22098.8/36

In: -1.976+/-0.039 χ^2/NDF:21490.4/39

Out: -2.426+/-0.040 χ^2/NDF:28708.7/44

All: -2.197+/-0.028 χ^2/NDF: 50263.7/84

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 2.891+/-0.070 χ^2/NDF:8889.4/24

Right Out: 5.833+/-0.093 χ^2/NDF: 4303.4/19

Left In: 2.663+/-0.071 χ^2/NDF:7308.8/22

Left: 2.778+/-0.050 χ^2/NDF: 16203.4/47

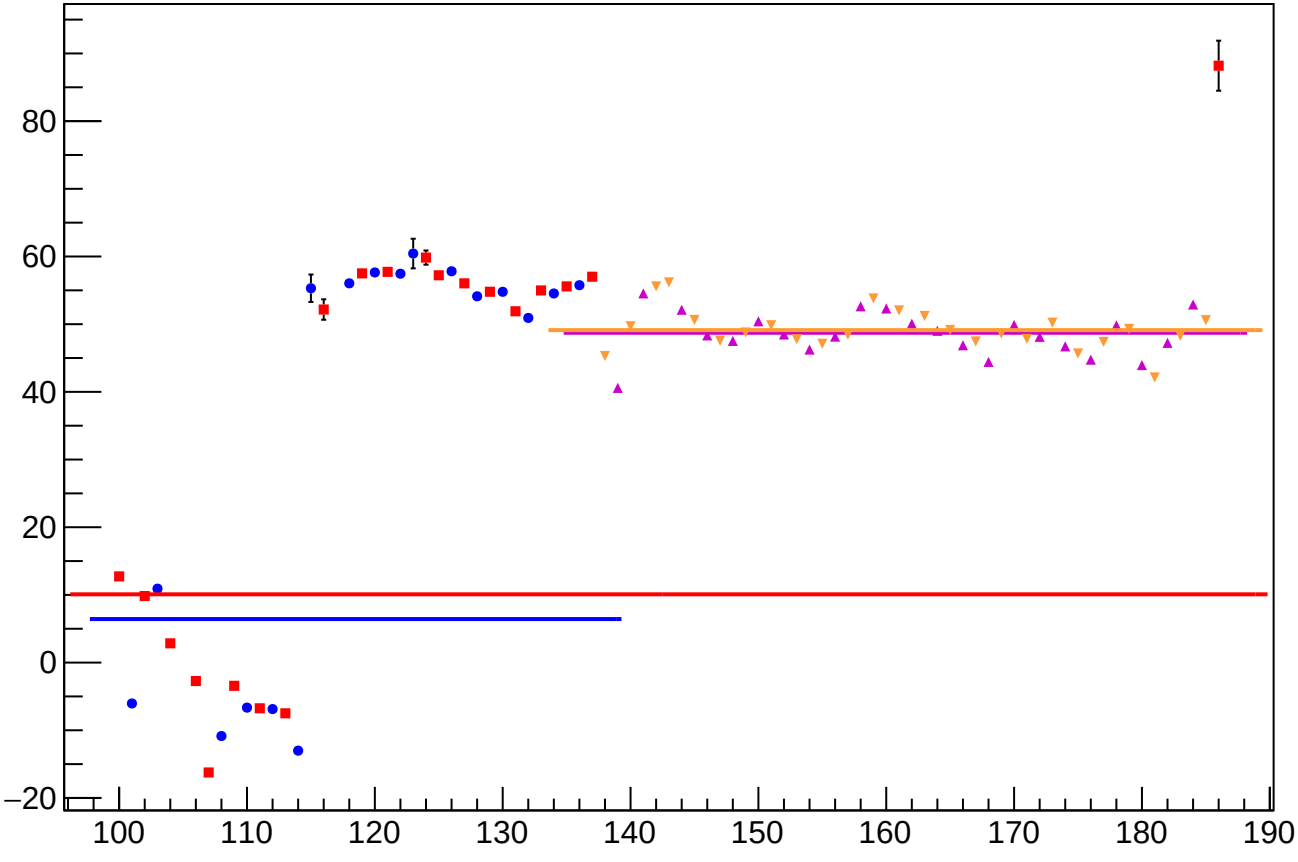
Right: 5.828+/-0.065 χ^2/NDF: 5756.0/36

In: 3.883+/-0.056 χ^2/NDF:9525.6/39

Out: 3.961+/-0.056 χ^2/NDF:13827.8/44

All: 3.922+/-0.040 χ^2/NDF: 23354.4/84

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 49.121+/-0.062 χ^2/NDF:2165.4/24

Right Out: 10.088+/-0.070 χ^2/NDF: 122262.4/19

Left In: 48.731+/-0.064 χ^2/NDF:2117.7/22

Left: 48.931+/-0.044 χ^2/NDF: 4302.5/47

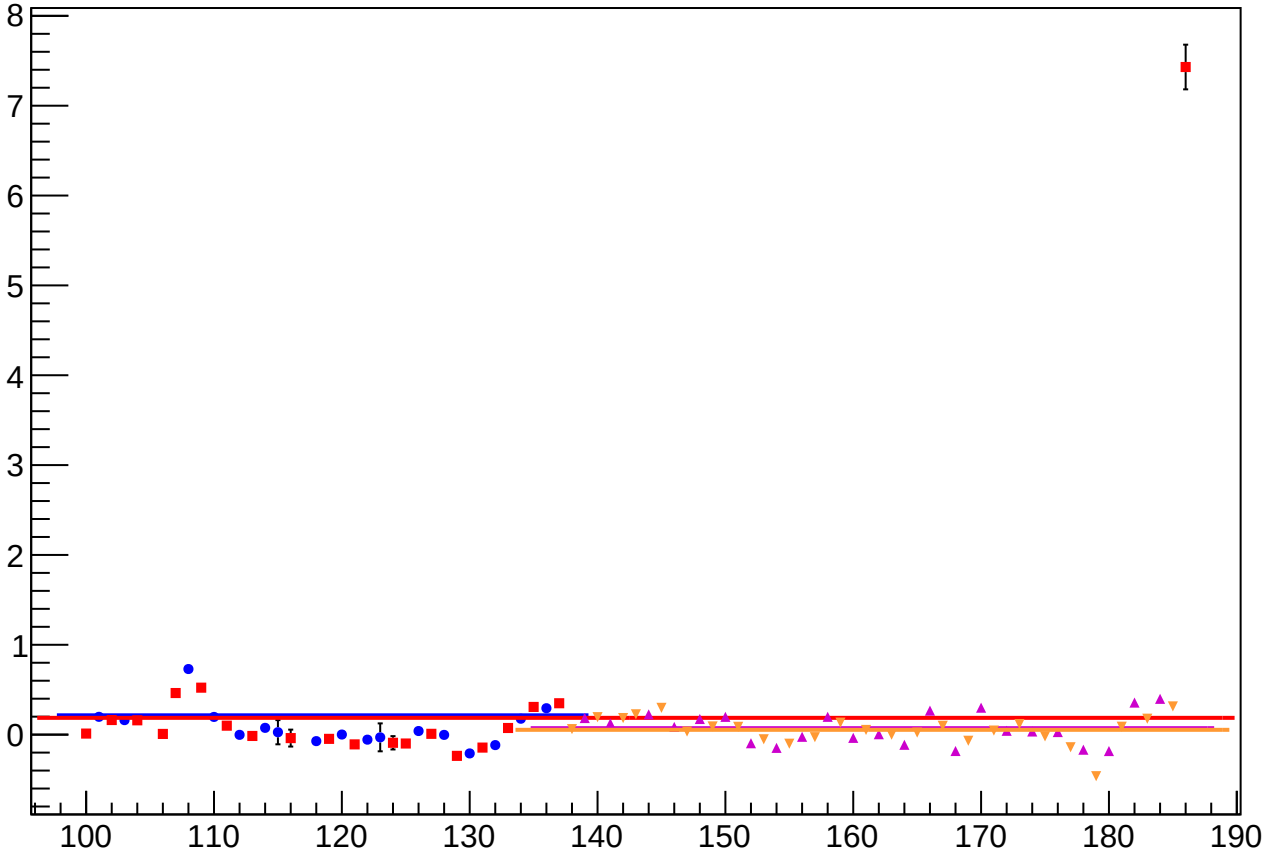
Right: 8.123+/-0.047 χ^2/NDF: 247225.9/36

In: 27.958+/-0.045 χ^2/NDF:343121.2/39

Out: 31.924+/-0.046 χ^2/NDF:299723.6/44

All: 29.900+/-0.032 χ^2/NDF: 646590.7/84

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.053+/-0.003 χ^2/NDF:2369.3/24

Right Out: 0.187+/-0.003 χ^2/NDF: 3569.2/19

Left In: 0.072+/-0.003 χ^2/NDF:3272.0/22

Left: 0.063+/-0.002 χ^2/NDF: 5662.5/47

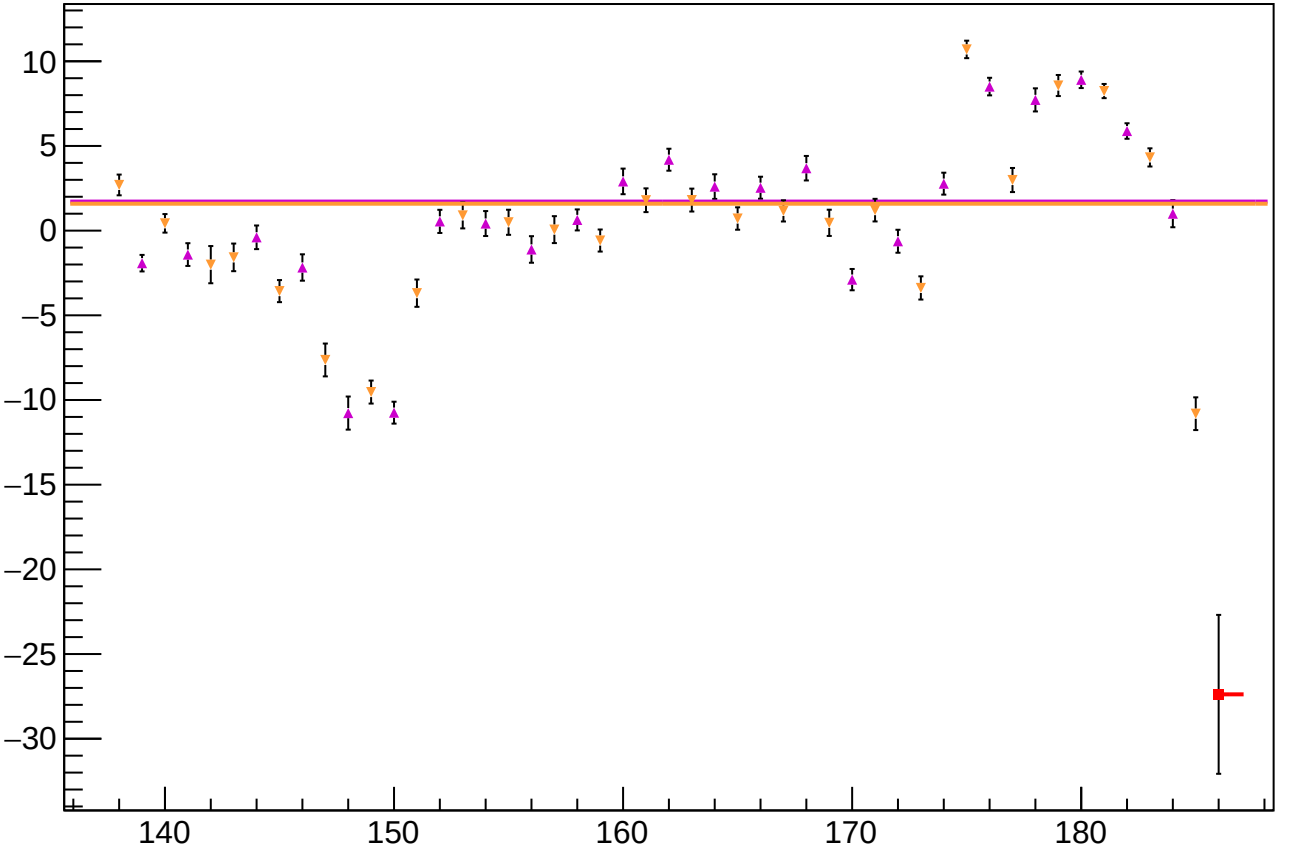
Right: 0.201+/-0.002 χ^2/NDF: 7552.8/36

In: 0.145+/-0.002 χ^2/NDF:8501.8/39

Out: 0.124+/-0.002 χ^2/NDF:7107.1/44

All: 0.134+/-0.001 χ^2/NDF: 15670.7/84

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1.590+/-0.133 χ^2/NDF:1457.4/24

Right Out: -27.380+/-4.692 χ^2/NDF: 0.0/0

Left In: 1.715+/-0.134 χ^2/NDF:1313.5/22

Left: 1.652+/-0.094 χ^2/NDF: 2771.4/47

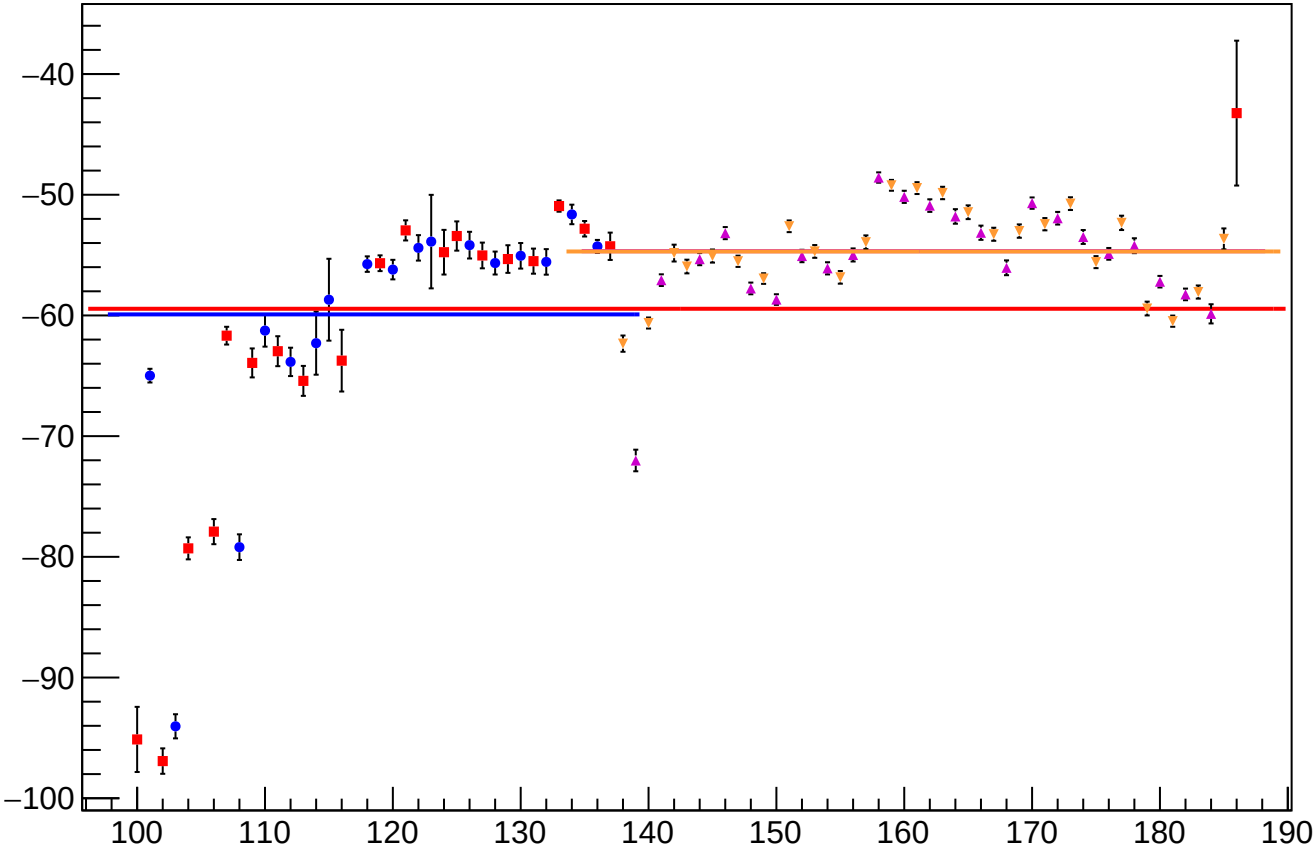
Right: -27.380+/-4.692 χ^2/NDF: 0.0/0

In: 1.715+/-0.134 χ^2/NDF:1313.5/22

Out: 1.566+/-0.133 χ^2/NDF:1495.5/25

All: 1.640+/-0.094 χ^2/NDF: 2809.7/48

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.914+/-0.223 χ^2/NDF: 1979.5/16

Left Out: -54.701+/-0.106 χ^2/NDF:1124.5/24

Right Out: -59.447+/-0.212 χ^2/NDF: 2920.0/19

Left In: -54.677+/-0.109 χ^2/NDF:1140.6/22

Left: -54.689+/-0.076 χ^2/NDF: 2265.1/47

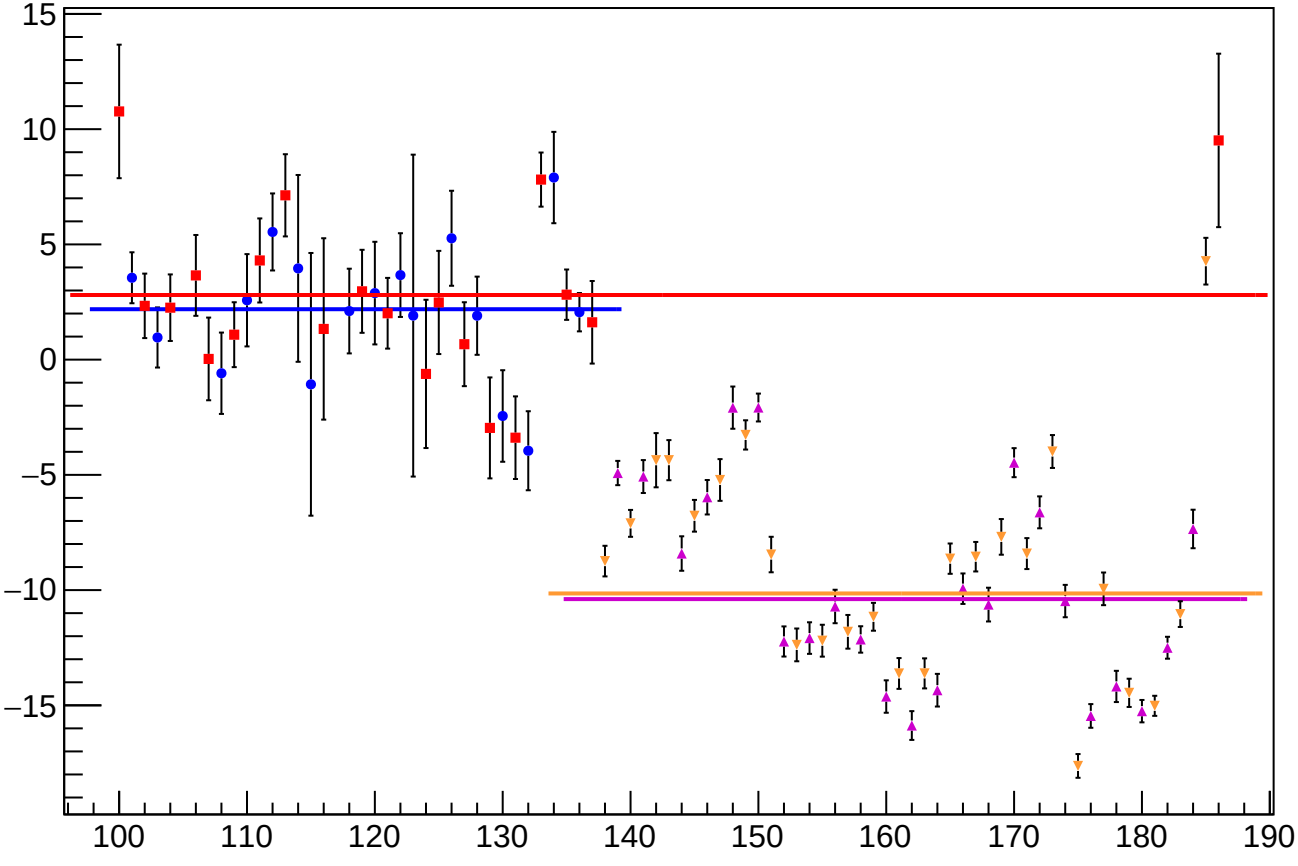
Right: -59.669+/-0.154 χ^2/NDF: 4901.8/36

In: -55.694+/-0.098 χ^2/NDF:3564.7/39

Out: -55.651+/-0.095 χ^2/NDF:4445.7/44

All: -55.671+/-0.068 χ^2/NDF: 8010.5/84

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -10.146+/-0.133 χ^2/NDF:1051.2/24

Right Out: 2.804+/-0.386 χ^2/NDF: 62.1/19

Left In: -10.391+/-0.134 χ^2/NDF:1024.8/22

Left: -10.268+/-0.094 χ^2/NDF: 2077.6/47

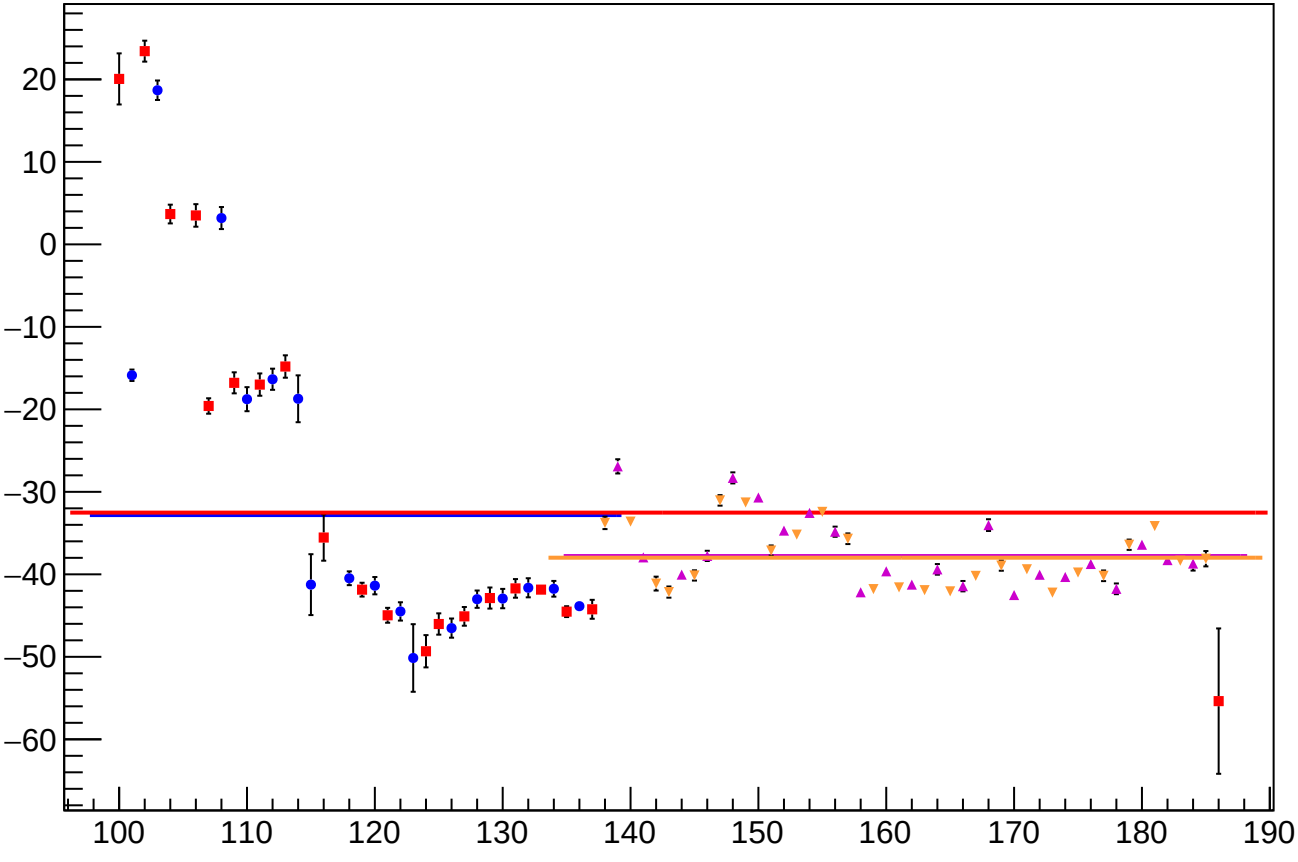
Right: 2.510+/-0.279 χ^2/NDF: 102.4/36

In: -9.149+/-0.127 χ^2/NDF:1937.1/39

Out: -8.768+/-0.126 χ^2/NDF:2121.2/44

All: -8.957+/-0.089 χ^2/NDF: 4062.9/84

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -37.983+/-0.119 χ^2/NDF:936.9/24

Right Out: -32.518+/-0.244 χ^2/NDF: 6044.6/19

Left In: -37.784+/-0.122 χ^2/NDF:1079.7/22

Left: -37.886+/-0.085 χ^2/NDF: 2018.0/47

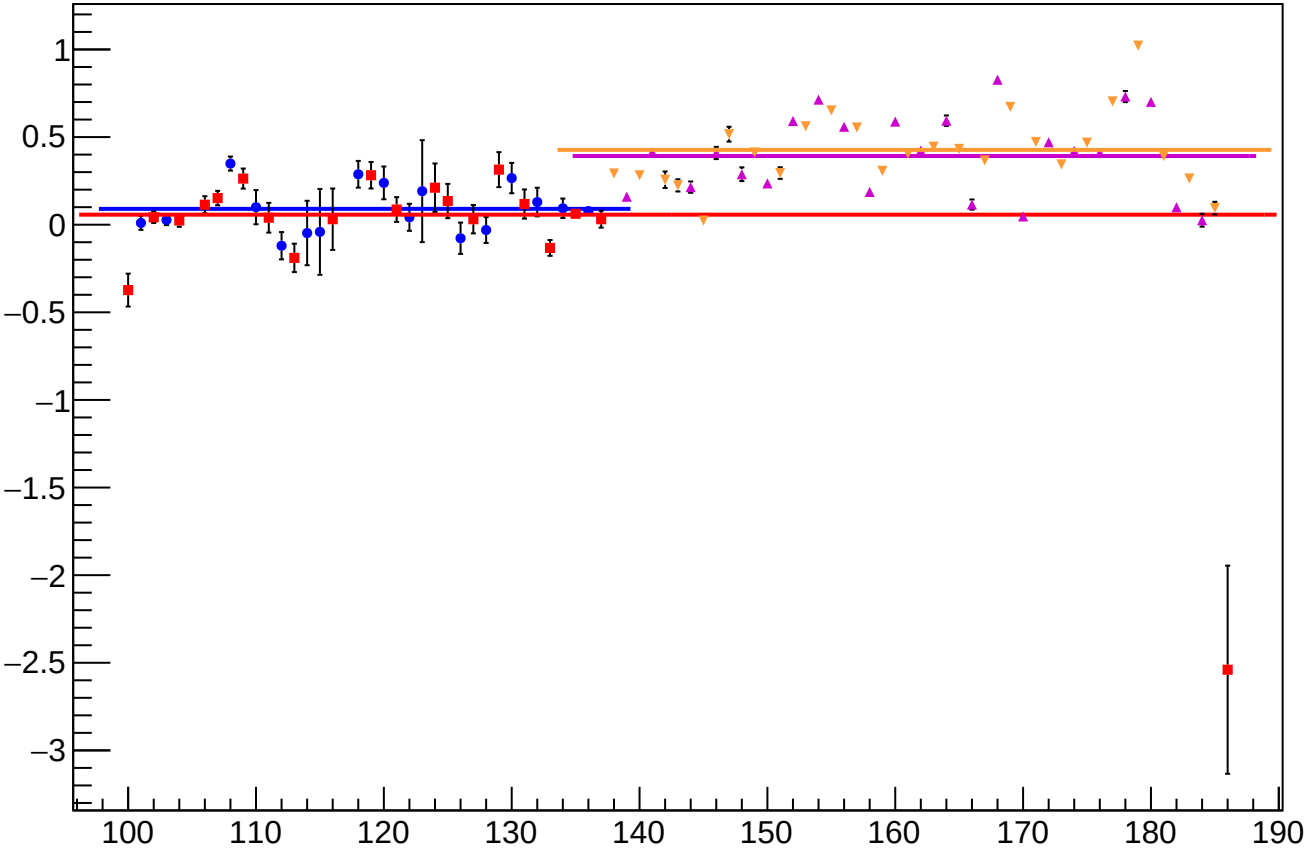
Right: -32.661+/-0.176 χ^2/NDF: 10711.9/36

In: -36.854+/-0.110 χ^2/NDF:6057.1/39

Out: -36.932+/-0.107 χ^2/NDF:7387.1/44

All: -36.894+/-0.077 χ^2/NDF: 13444.5/84

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.427+/-0.005 χ^2/NDF:1293.3/24

Right Out: 0.057+/-0.012 χ^2/NDF: 106.4/19

Left In: 0.392+/-0.005 χ^2/NDF:1835.6/22

Left: 0.409+/-0.004 χ^2/NDF: 3150.1/47

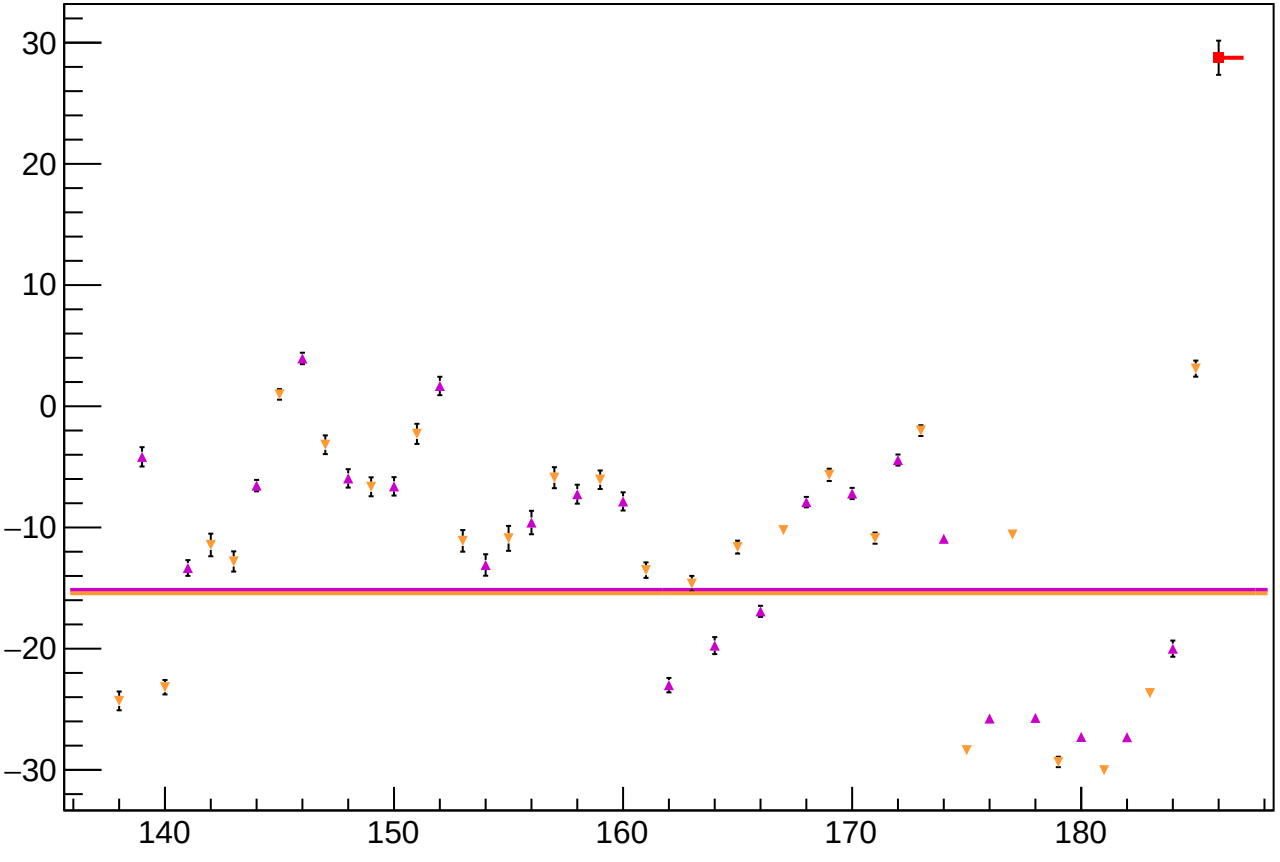
Right: 0.073+/-0.009 χ^2/NDF: 189.2/36

In: 0.346+/-0.005 χ^2/NDF:2391.4/39

Out: 0.366+/-0.005 χ^2/NDF:2174.3/44

All: 0.356+/-0.003 χ^2/NDF: 4573.9/84

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -15.427+/-0.105 χ^2/NDF:10499.6/24

Right Out: 28.756+/-1.409 χ^2/NDF: 0.0/0

Left In: -15.151+/-0.106 χ^2/NDF:8744.3/22

Left: -15.290+/-0.075 χ^2/NDF: 19247.4/47

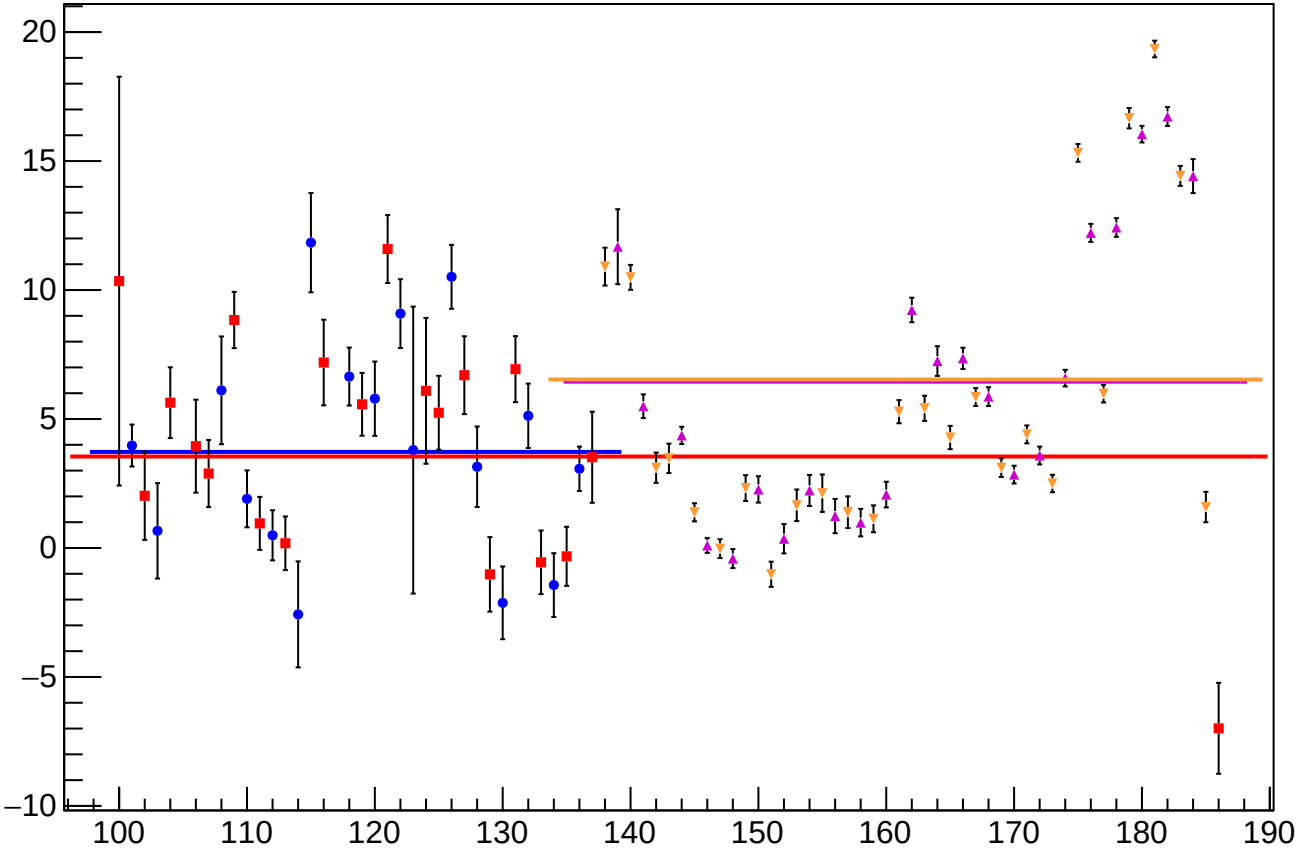
Right: 28.756+/-1.409 χ^2/NDF: 0.0/0

In: -15.151+/-0.106 χ^2/NDF:8744.3/22

Out: -15.182+/-0.105 χ^2/NDF:11476.9/25

All: -15.167+/-0.075 χ^2/NDF: 20221.2/48

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.725+/-0.308 χ^2/NDF: 136.8/16

Left Out: 6.531+/-0.086 χ^2/NDF:4969.5/24

Right Out: 3.546+/-0.311 χ^2/NDF: 171.3/19

Left In: 6.448+/-0.086 χ^2/NDF:3955.6/22

Left: 6.490+/-0.061 χ^2/NDF: 8925.6/47

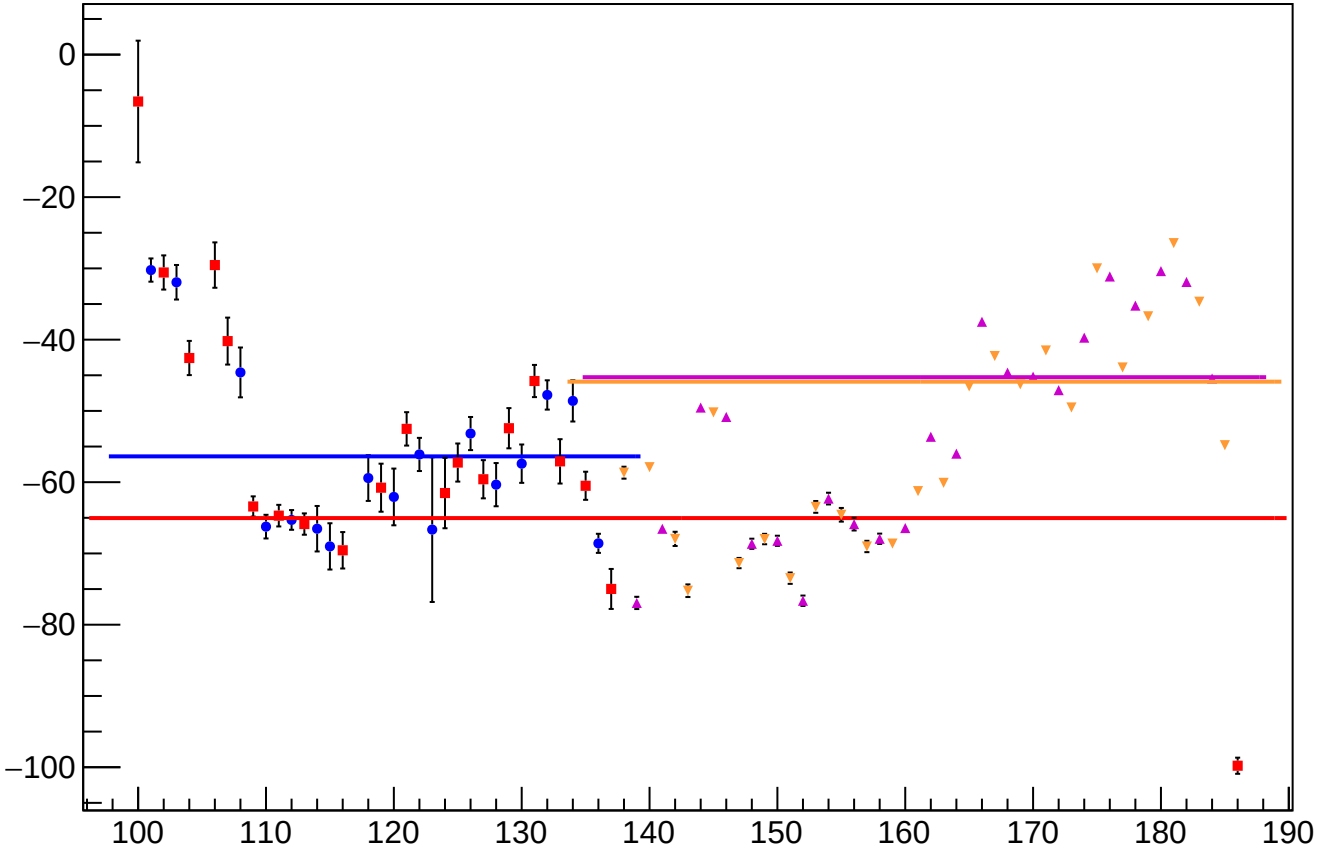
Right: 3.636+/-0.219 χ^2/NDF: 308.2/36

In: 6.252+/-0.083 χ^2/NDF:4164.7/39

Out: 6.321+/-0.082 χ^2/NDF:5226.3/44

All: 6.287+/-0.058 χ^2/NDF: 9391.4/84

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -45.897+/-0.106 χ^2/NDF:17133.8/24

Right Out: -65.038+/-0.484 χ^2/NDF: 1628.7/19

Left In: -45.268+/-0.107 χ^2/NDF:15775.7/22

Left: -45.584+/-0.075 χ^2/NDF: 32927.0/47

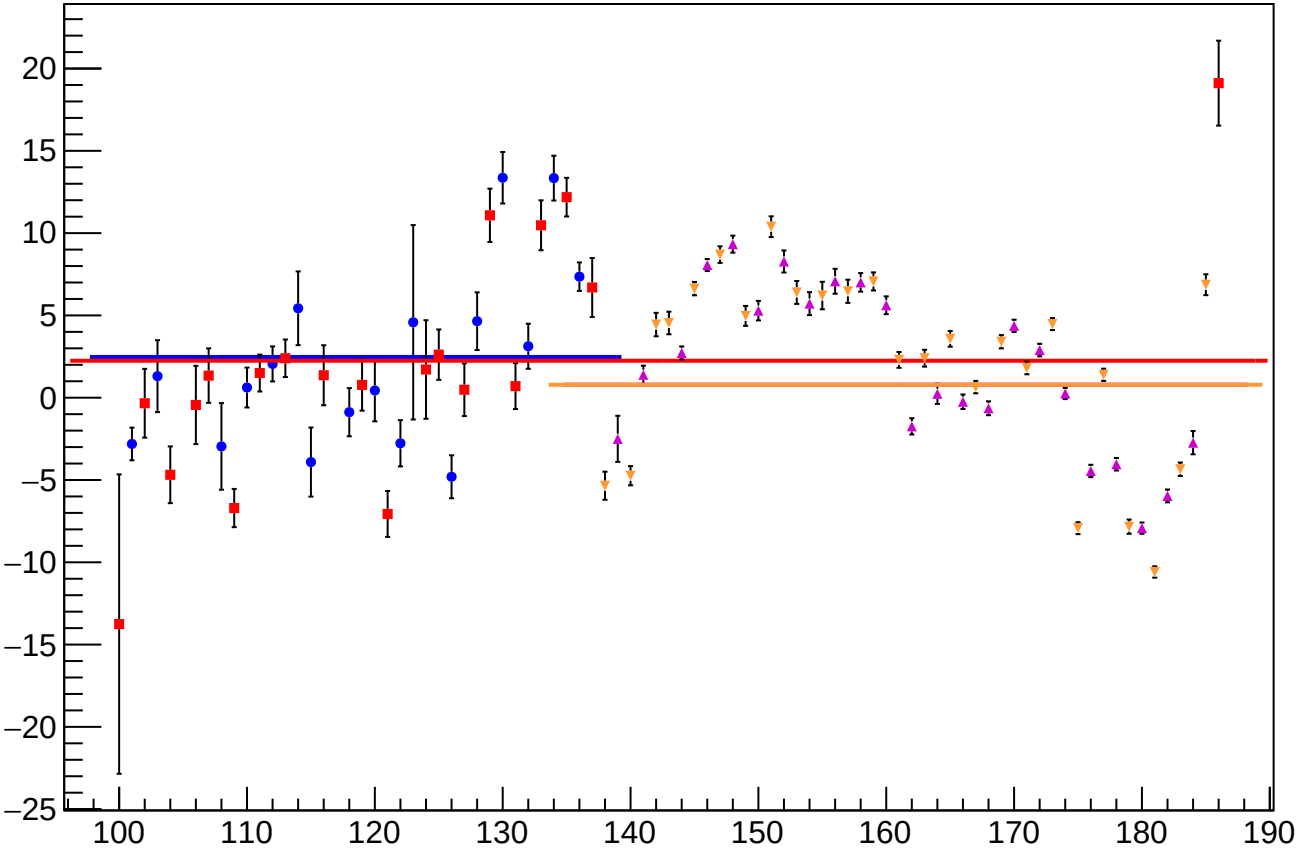
Right: -61.193+/-0.361 χ^2/NDF: 2358.0/36

In: -45.683+/-0.105 χ^2/NDF:16767.7/39

Out: -46.778+/-0.104 χ^2/NDF:20252.6/44

All: -46.235+/-0.074 χ^2/NDF: 37075.3/84

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 0.787+/-0.096 χ^2/NDF:3746.7/24

Right Out: 2.247+/-0.352 χ^2/NDF: 310.2/19

Left In: 0.791+/-0.096 χ^2/NDF:2697.7/22

Left: 0.789+/-0.068 χ^2/NDF: 6444.4/47

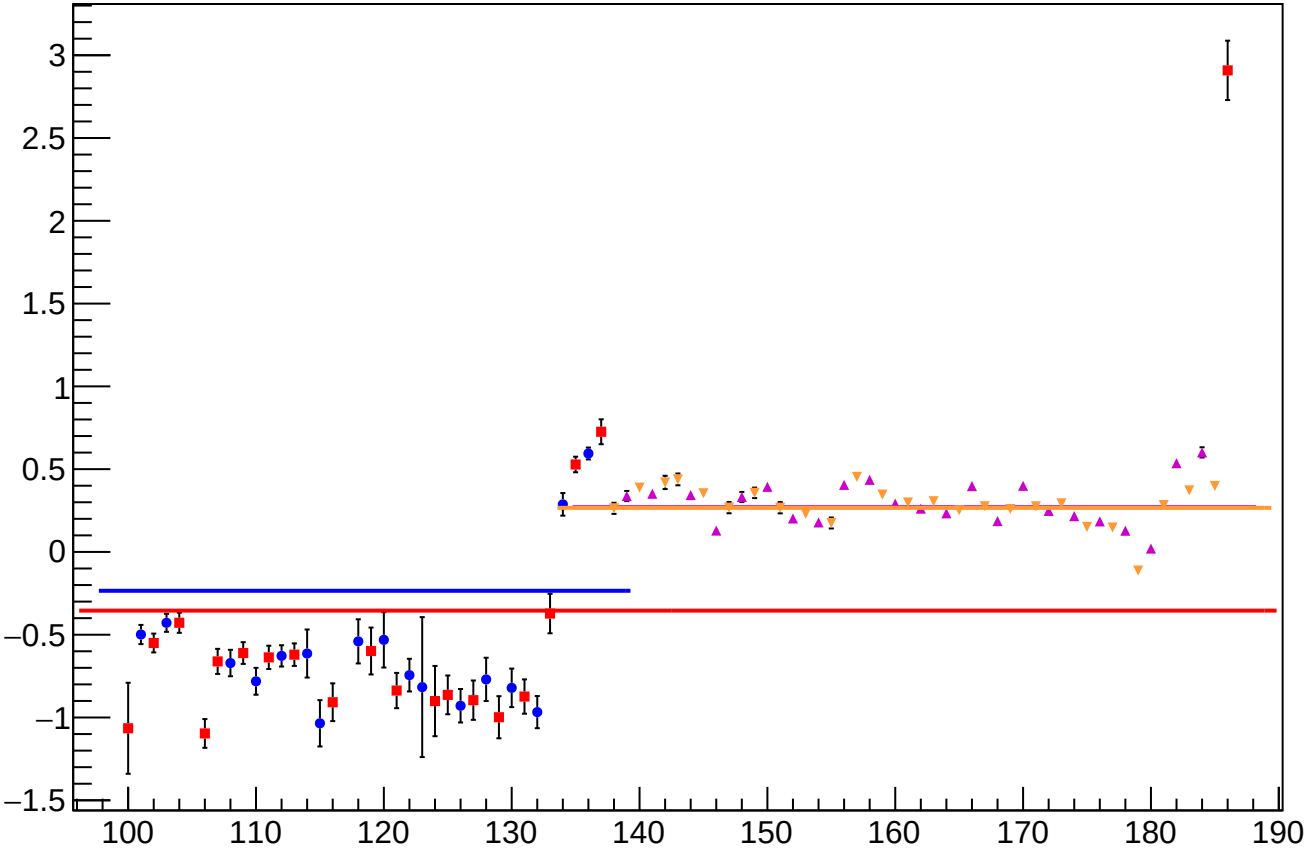
Right: 2.362+/-0.246 χ^2/NDF: 554.0/36

In: 0.912+/-0.093 χ^2/NDF:2963.3/39

Out: 0.887+/-0.092 χ^2/NDF:4073.0/44

All: 0.900+/-0.065 χ^2/NDF: 7036.2/84

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.266+/-0.004 χ^2/NDF:698.1/24

Right Out: -0.354+/-0.019 χ^2/NDF: 1187.9/19

Left In: 0.270+/-0.004 χ^2/NDF:973.5/22

Left: 0.268+/-0.003 χ^2/NDF: 1672.0/47

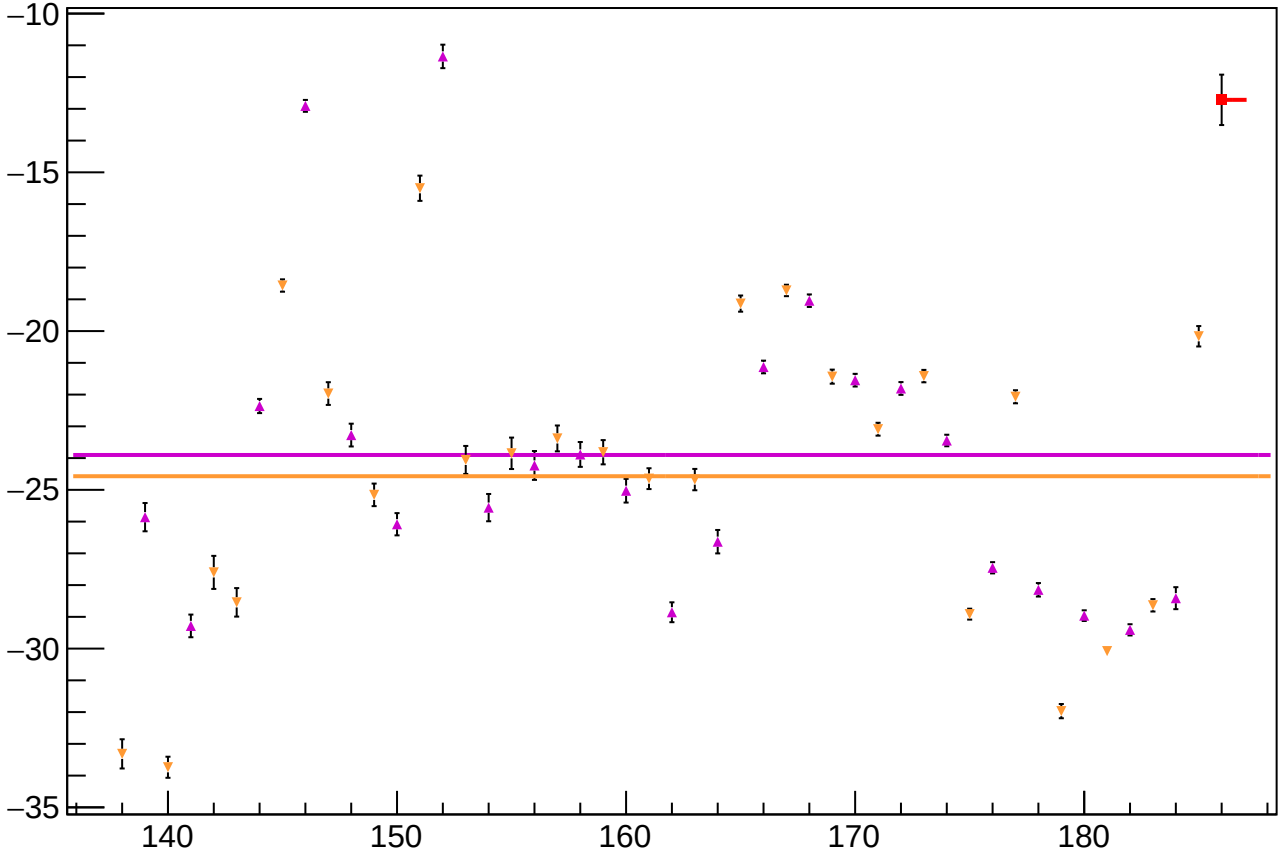
Right: -0.295+/-0.013 χ^2/NDF: 2166.5/36

In: 0.244+/-0.004 χ^2/NDF:2611.0/39

Out: 0.235+/-0.004 χ^2/NDF:2915.1/44

All: 0.239+/-0.003 χ^2/NDF: 5528.6/84

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -24.571+/-0.051 χ^2/NDF:8610.0/24

Right Out: -12.717+/-0.794 χ^2/NDF: 0.0/0

Left In: -23.902+/-0.051 χ^2/NDF:9158.9/22

Left: -24.236+/-0.036 χ^2/NDF: 17855.2/47

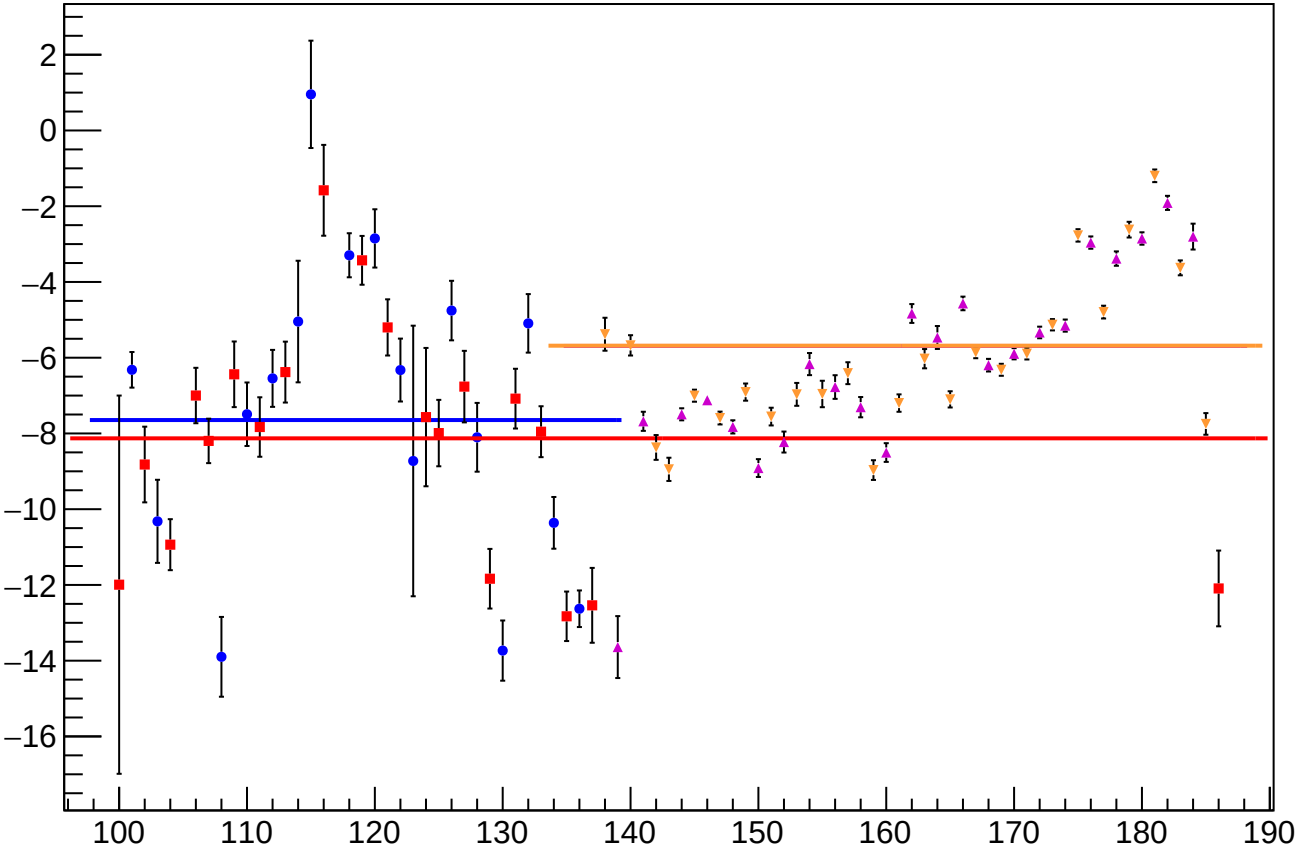
Right: -12.717+/-0.794 χ^2/NDF: 0.0/0

In: -23.902+/-0.051 χ^2/NDF:9158.9/22

Out: -24.522+/-0.051 χ^2/NDF:8832.1/25

All: -24.212+/-0.036 χ^2/NDF: 18065.4/48

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.646+/-0.186 χ^2/NDF: 393.6/16

Left Out: -5.683+/-0.041 χ^2/NDF:2231.0/24

Right Out: -8.129+/-0.183 χ^2/NDF: 241.7/19

Left In: -5.690+/-0.041 χ^2/NDF:2328.2/22

Left: -5.686+/-0.029 χ^2/NDF: 4559.2/47

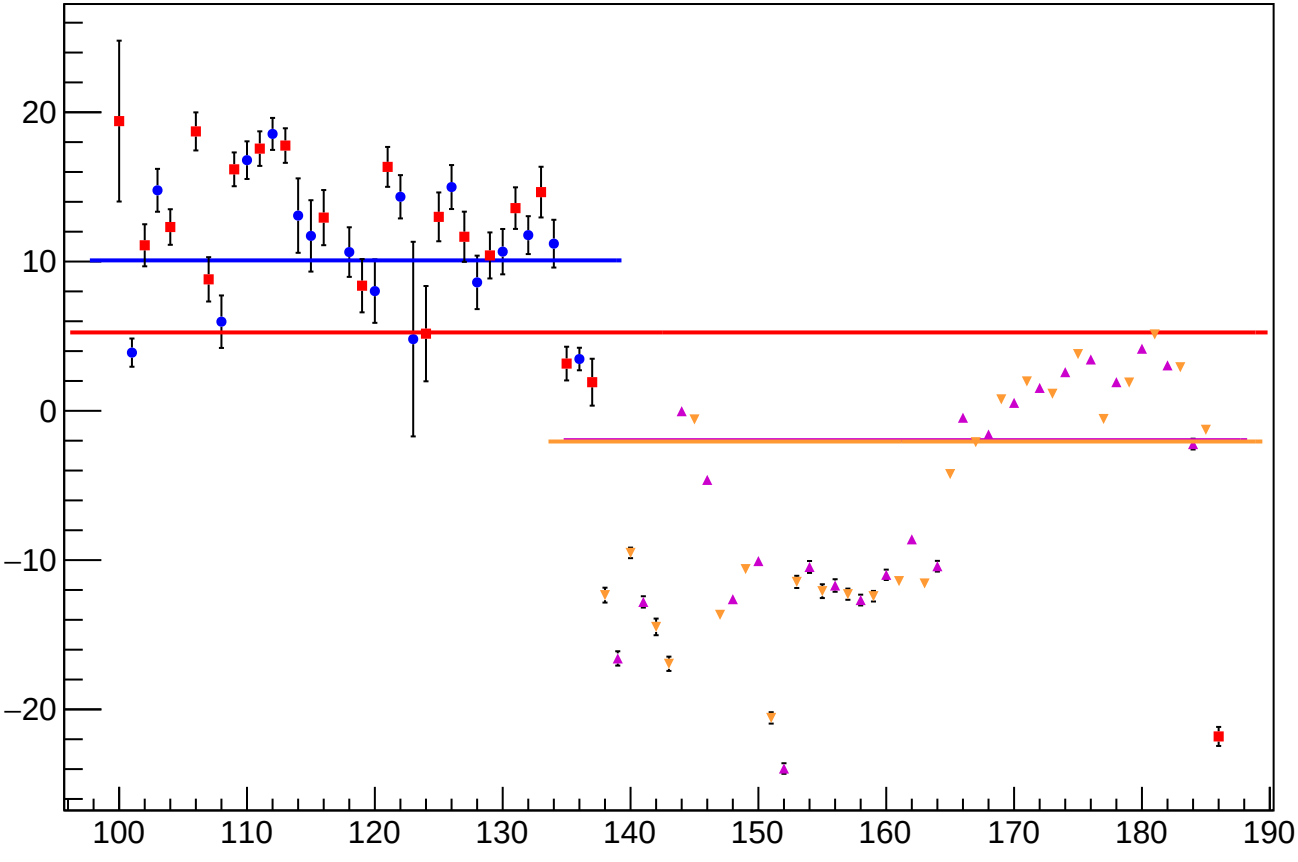
Right: -7.891+/-0.130 χ^2/NDF: 638.8/36

In: -5.779+/-0.040 χ^2/NDF:2827.9/39

Out: -5.801+/-0.040 χ^2/NDF:2643.3/44

All: -5.790+/-0.028 χ^2/NDF: 5471.3/84

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -2.055+/-0.051 χ^2/NDF:16042.5/24

Right Out: 5.251+/-0.295 χ^2/NDF: 2515.8/19

Left In: -1.963+/-0.051 χ^2/NDF:15492.9/22

Left: -2.009+/-0.036 χ^2/NDF: 31537.0/47

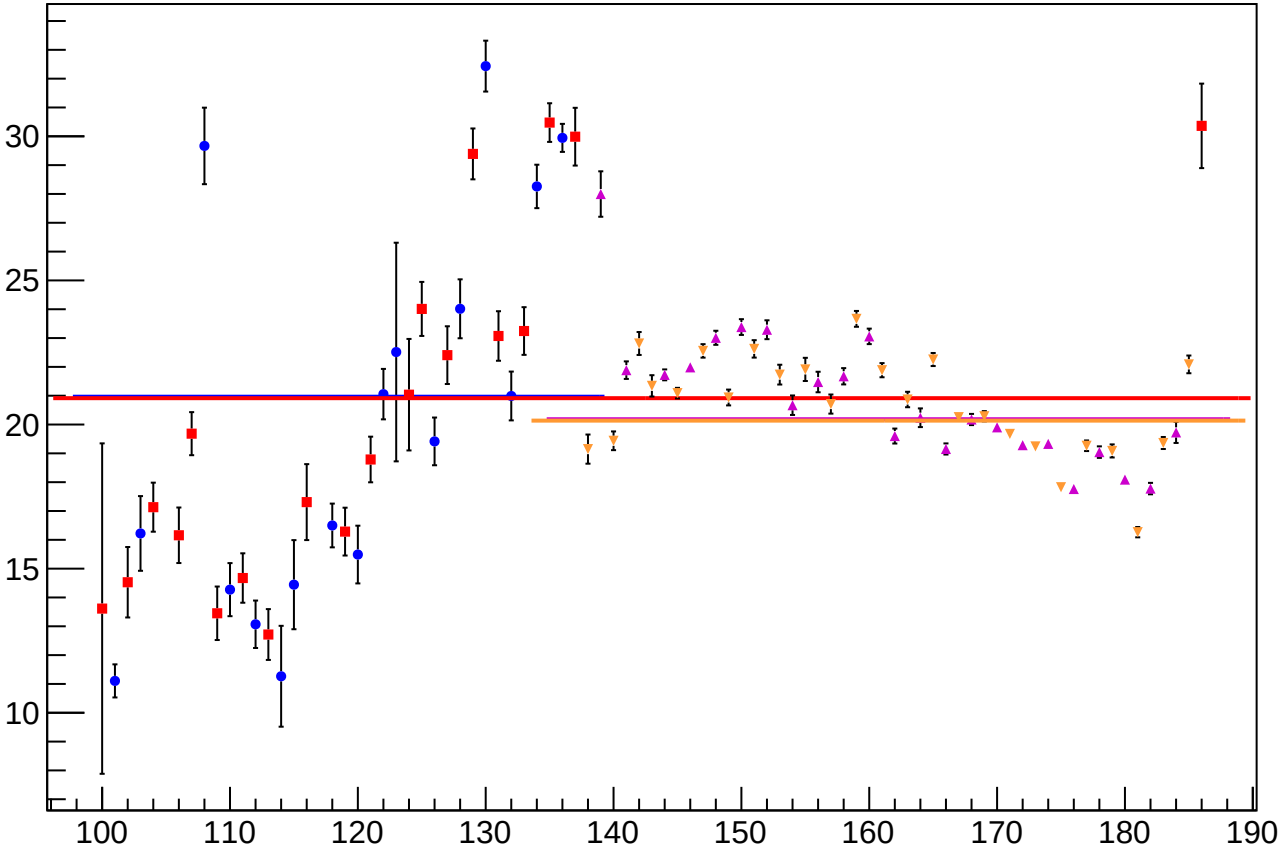
Right: 7.344+/-0.222 χ^2/NDF: 2884.9/36

In: -1.693+/-0.050 χ^2/NDF:16995.2/39

Out: -1.839+/-0.051 χ^2/NDF:19154.6/44

All: -1.766+/-0.036 χ^2/NDF: 36154.0/84

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 20.136+/-0.046 χ^2/NDF:1414.2/24

Right Out: 20.914+/-0.210 χ^2/NDF: 772.3/19

Left In: 20.184+/-0.046 χ^2/NDF:1470.7/22

Left: 20.160+/-0.032 χ^2/NDF: 2885.5/47

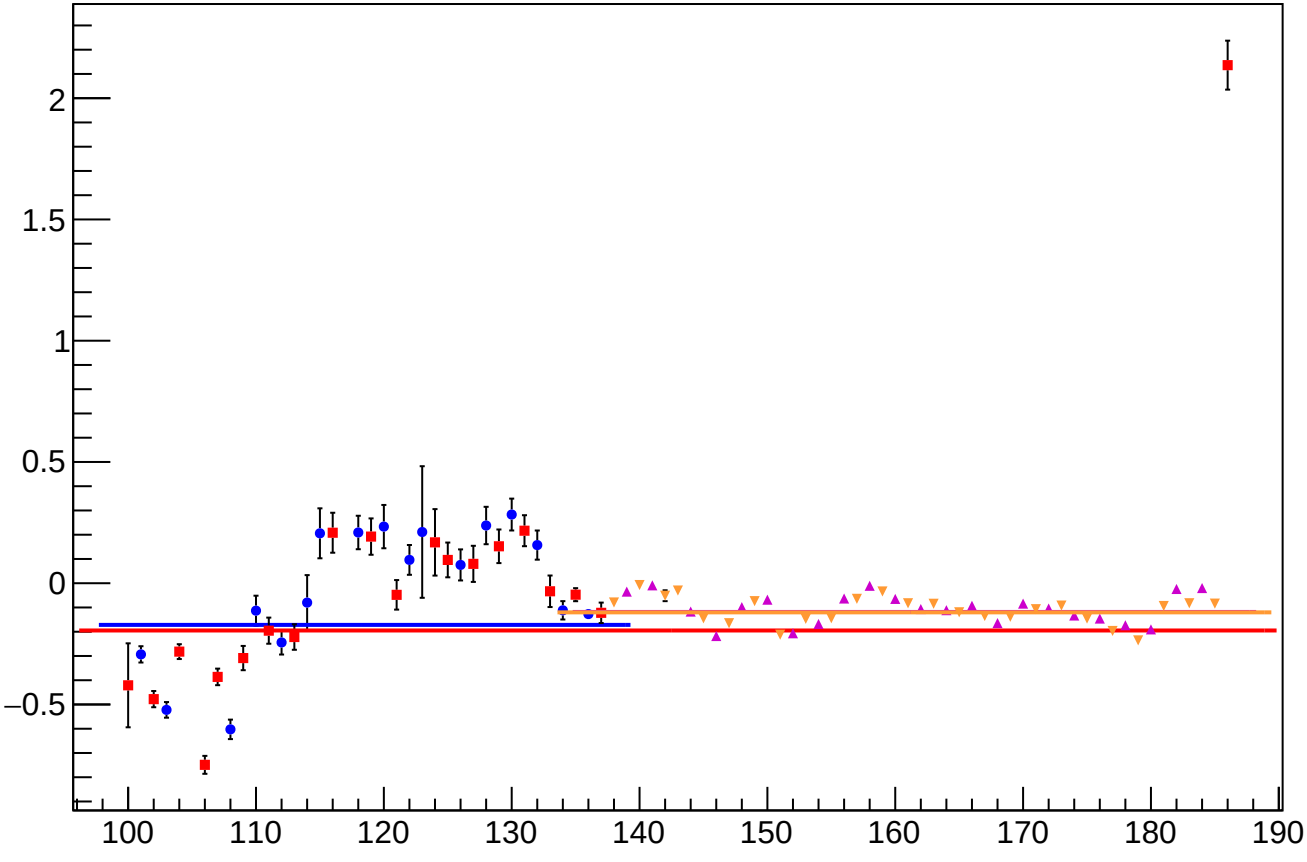
Right: 20.940+/-0.148 χ^2/NDF: 1997.8/36

In: 20.220+/-0.045 χ^2/NDF:2709.4/39

Out: 20.171+/-0.045 χ^2/NDF:2199.6/44

All: 20.196+/-0.032 χ^2/NDF: 4909.6/84

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.120+/-0.002 χ^2/NDF:532.4/24

Right Out: -0.195+/-0.011 χ^2/NDF: 1075.6/19

Left In: -0.118+/-0.002 χ^2/NDF:727.5/22

Left: -0.119+/-0.001 χ^2/NDF: 1260.2/47

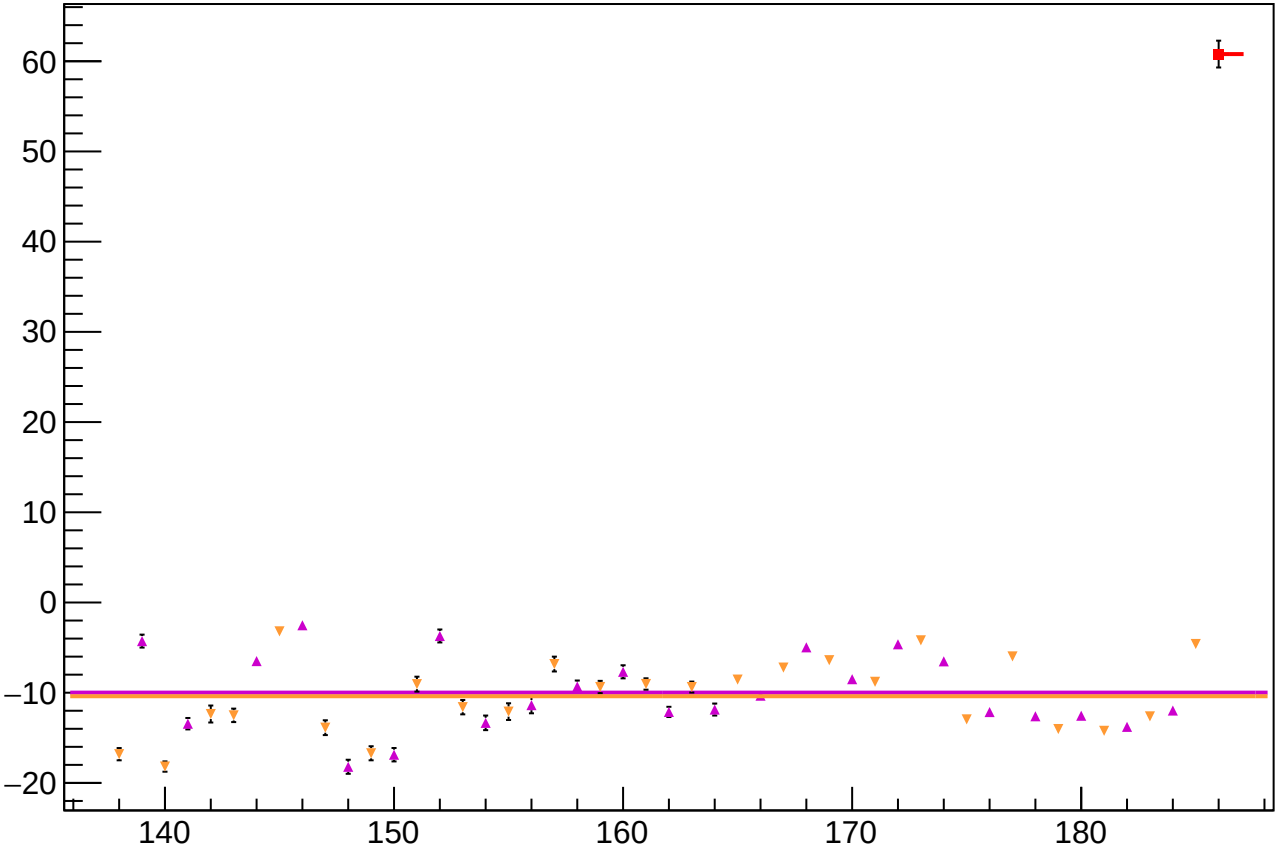
Right: -0.184+/-0.008 χ^2/NDF: 1541.9/36

In: -0.120+/-0.002 χ^2/NDF:1213.6/39

Out: -0.123+/-0.002 χ^2/NDF:1653.5/44

All: -0.122+/-0.001 χ^2/NDF: 2867.8/84

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -10.392+/-0.088 χ^2/NDF:2112.5/24

Right Out: 60.793+/-1.487 χ^2/NDF: 0.0/0

Left In: -9.990+/-0.089 χ^2/NDF:1794.2/22

Left: -10.194+/-0.063 χ^2/NDF: 3917.0/47

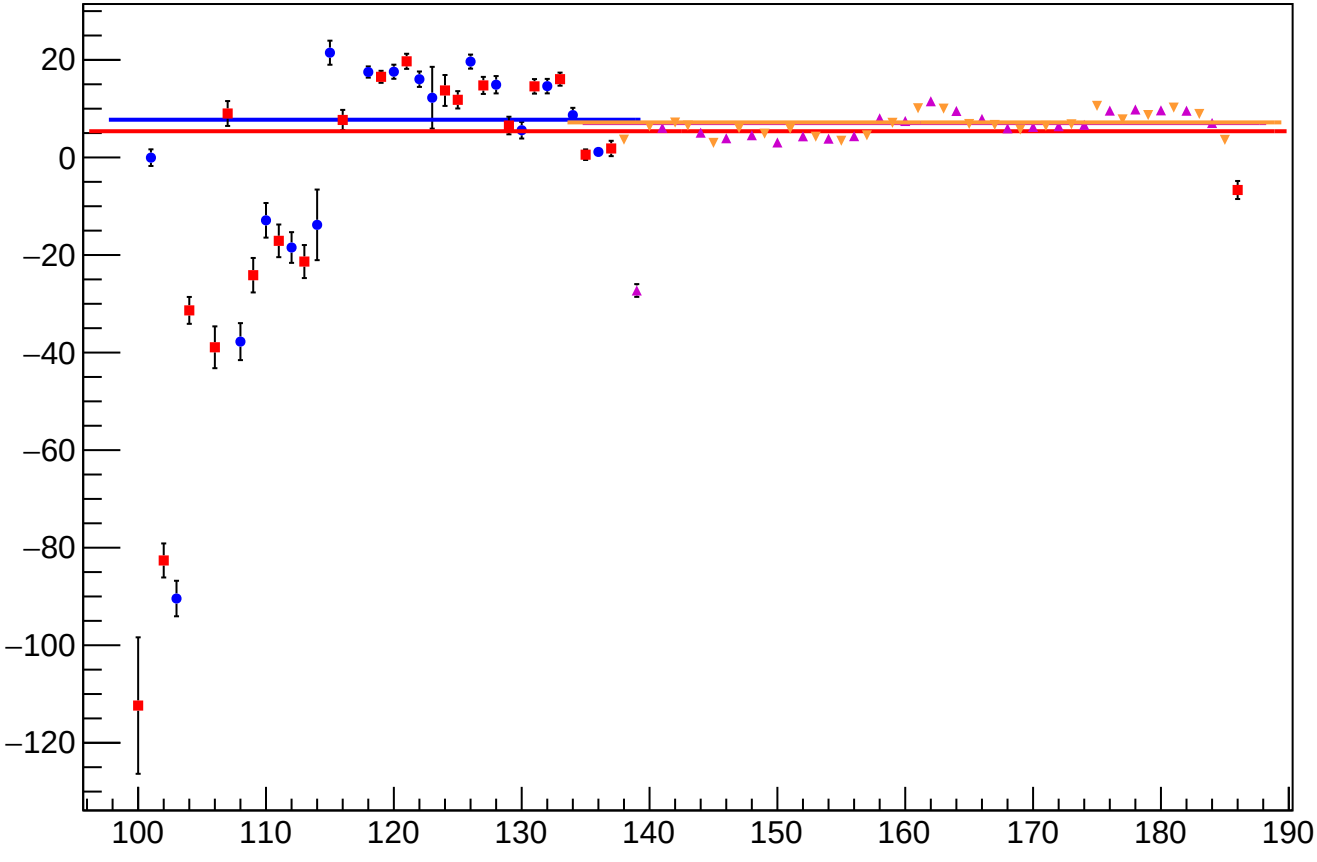
Right: 60.793+/-1.487 χ^2/NDF: 0.0/0

In: -9.990+/-0.089 χ^2/NDF:1794.2/22

Out: -10.144+/-0.088 χ^2/NDF:4397.5/25

All: -10.068+/-0.063 χ^2/NDF: 6193.2/48

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 7.187+/-0.074 χ^2/NDF:916.3/24

Right Out: 5.376+/-0.423 χ^2/NDF: 1556.9/19

Left In: 7.043+/-0.074 χ^2/NDF:1604.6/22

Left: 7.115+/-0.052 χ^2/NDF: 2522.8/47

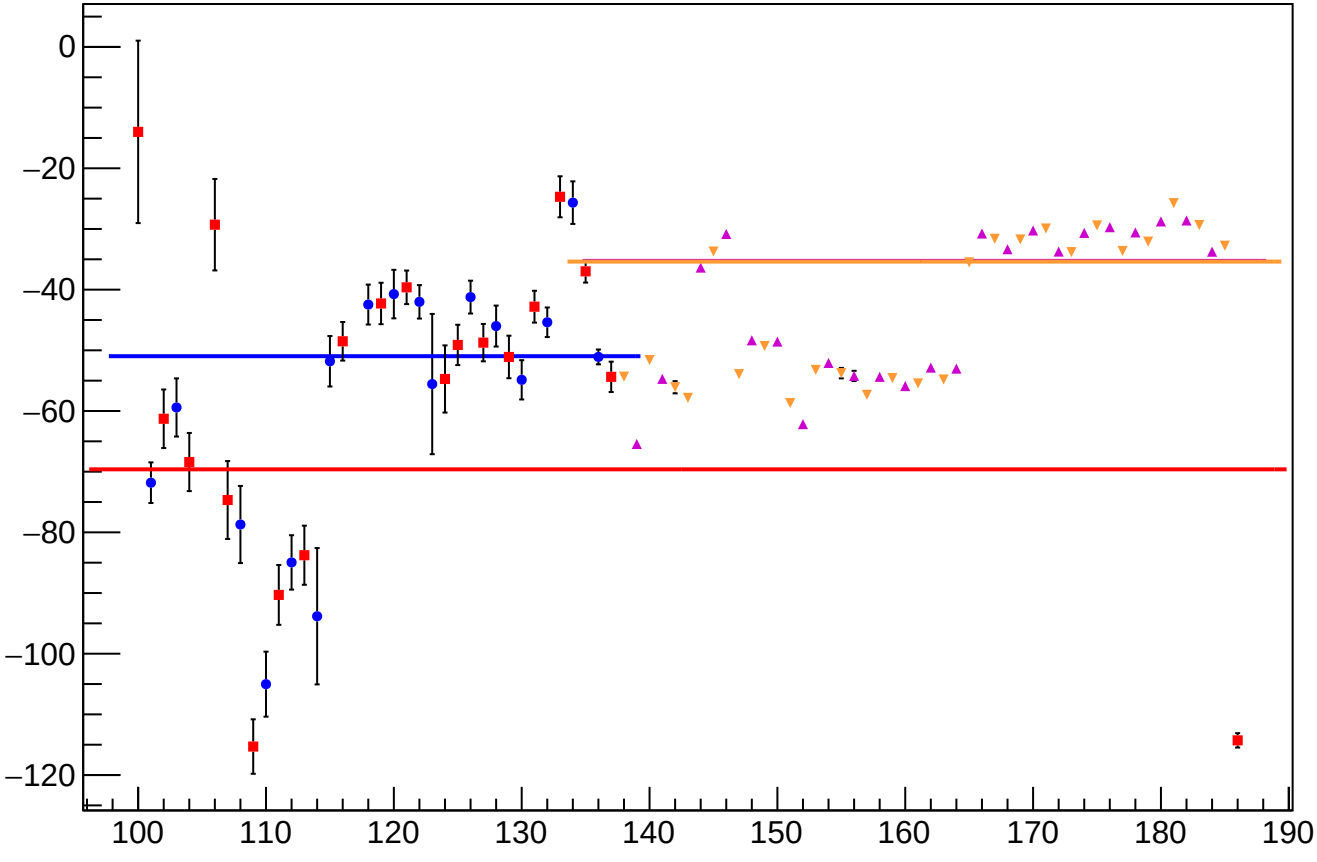
Right: 6.614+/-0.292 χ^2/NDF: 2931.6/36

In: 7.066+/-0.073 χ^2/NDF:2965.9/39

Out: 7.134+/-0.072 χ^2/NDF:2491.0/44

All: 7.100+/-0.051 χ^2/NDF: 5457.3/84

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -35.377+/-0.089 χ^2/NDF:12628.3/24

Right Out: -69.613+/-0.662 χ^2/NDF: 2560.7/19

Left In: -35.260+/-0.090 χ^2/NDF:11769.2/22

Left: -35.319+/-0.063 χ^2/NDF: 24398.4/47

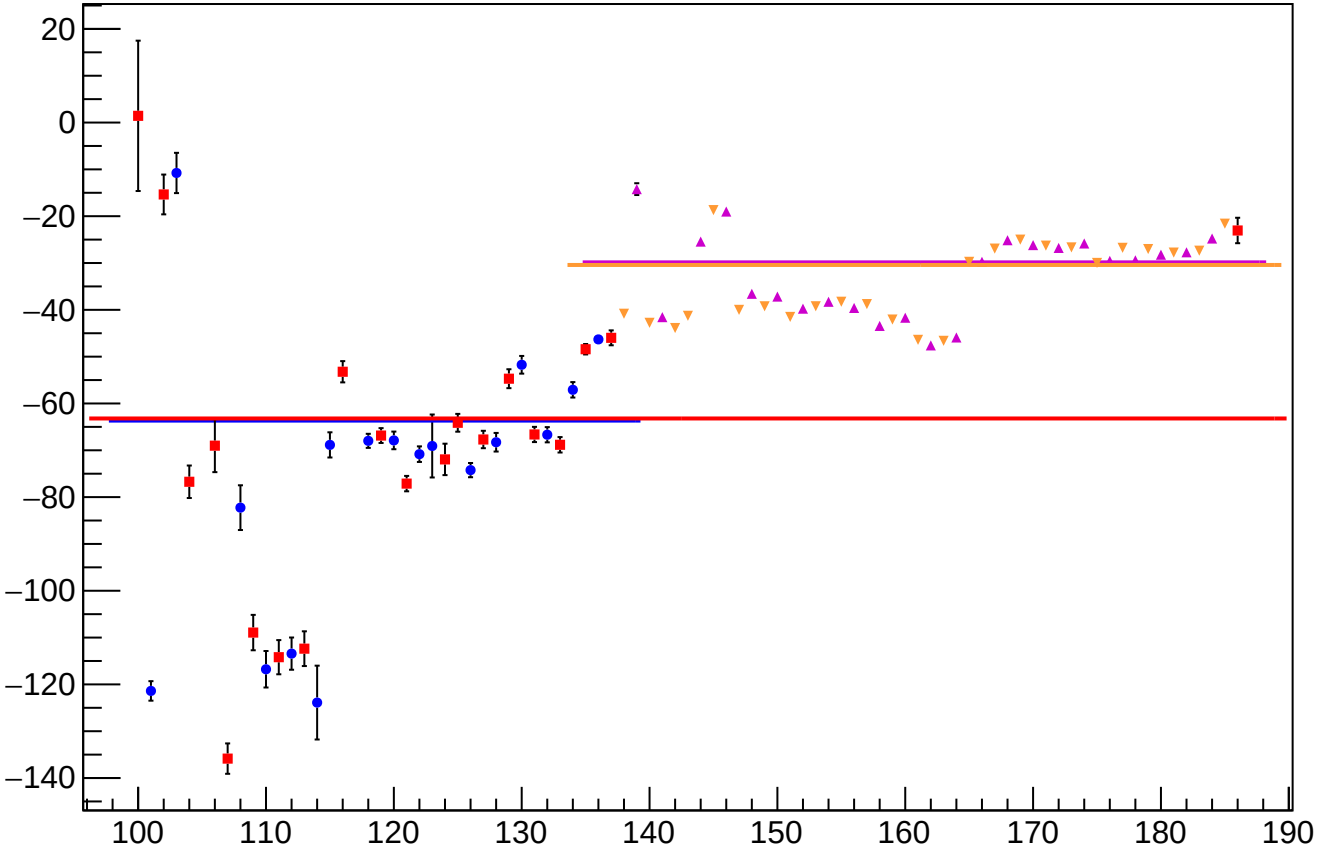
Right: -61.294+/-0.493 χ^2/NDF: 3247.3/36

In: -35.489+/-0.089 χ^2/NDF:12548.6/39

Out: -35.986+/-0.088 χ^2/NDF:17815.9/44

All: -35.740+/-0.063 χ^2/NDF: 30380.2/84

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -30.415+/-0.082 χ^2/NDF:8132.2/24

Right Out: -63.204+/-0.475 χ^2/NDF: 1832.1/19

Left In: -29.863+/-0.082 χ^2/NDF:7145.9/22

Left: -30.141+/-0.058 χ^2/NDF: 15300.8/47

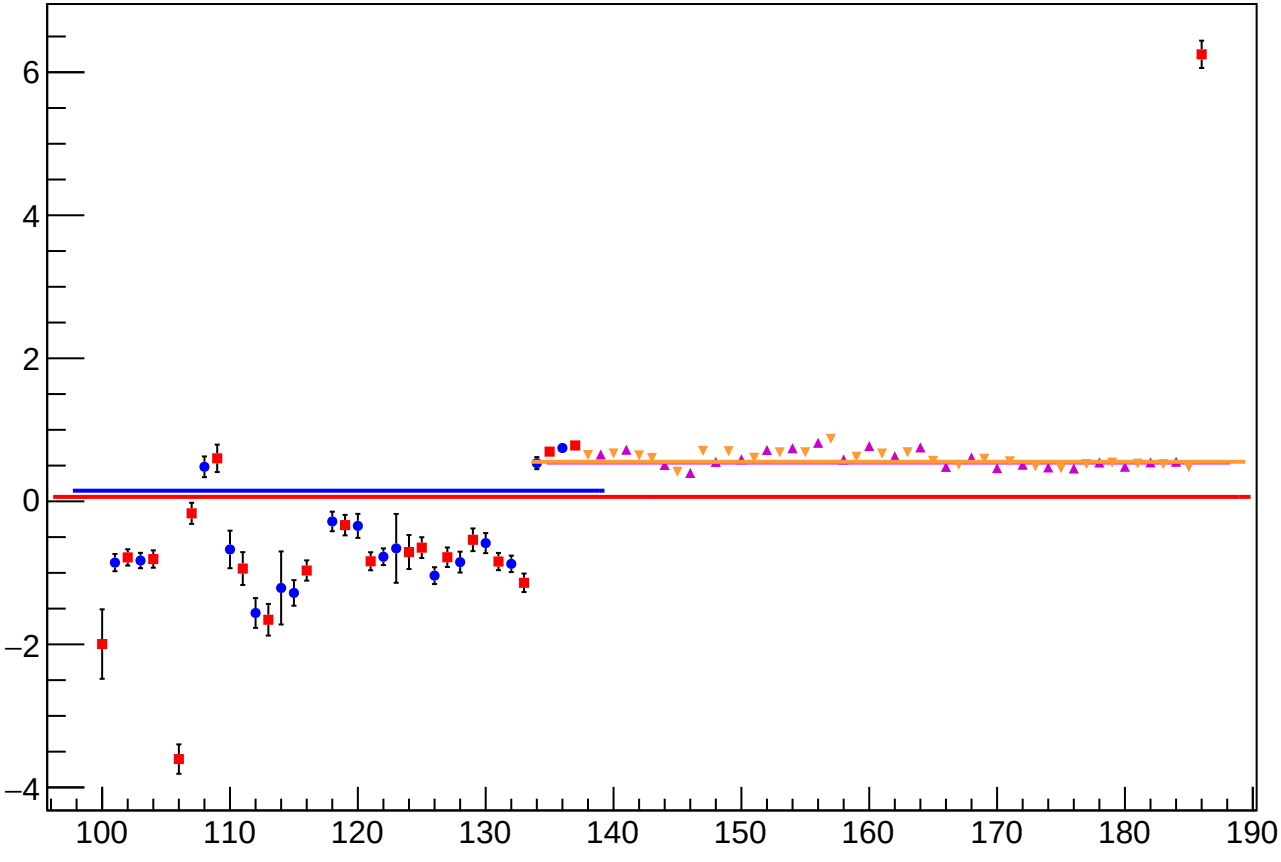
Right: -63.445+/-0.325 χ^2/NDF: 3847.3/36

In: -30.978+/-0.081 χ^2/NDF:14728.1/39

Out: -31.355+/-0.080 χ^2/NDF:14591.3/44

All: -31.168+/-0.057 χ^2/NDF: 29330.3/84

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.553+/-0.004 χ^2/NDF:542.9/24

Right Out: 0.062+/-0.026 χ^2/NDF: 2235.3/19

Left In: 0.544+/-0.004 χ^2/NDF:659.2/22

Left: 0.548+/-0.003 χ^2/NDF: 1205.2/47

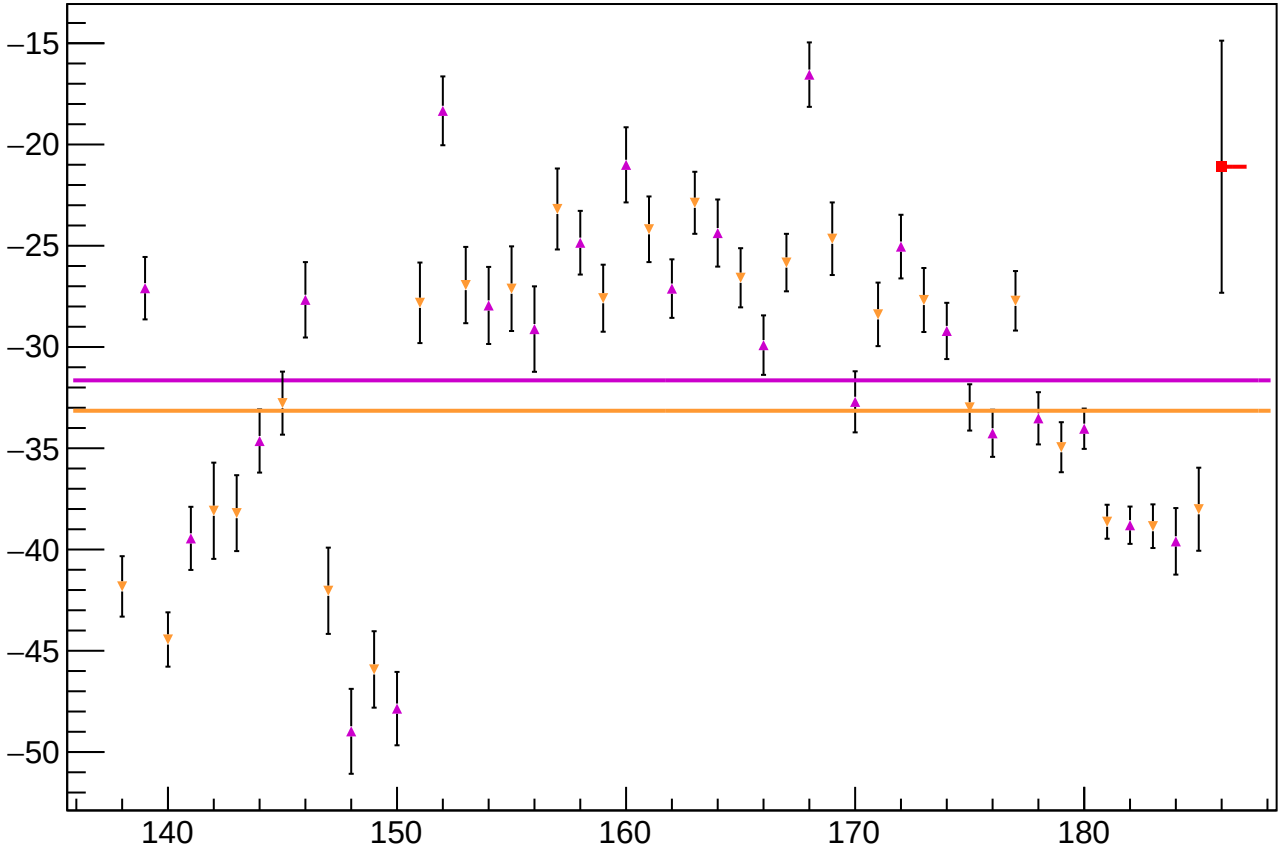
Right: 0.109+/-0.018 χ^2/NDF: 3231.3/36

In: 0.534+/-0.004 χ^2/NDF:1913.5/39

Out: 0.543+/-0.004 χ^2/NDF:3128.5/44

All: 0.539+/-0.003 χ^2/NDF: 5045.0/84

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -33.148+/-0.301 χ^2/NDF:500.0/24

Right Out: -21.098+/-6.224 χ^2/NDF: 0.0/0

Left In: -31.647+/-0.308 χ^2/NDF:546.9/22

Left: -32.414+/-0.215 χ^2/NDF: 1059.0/47

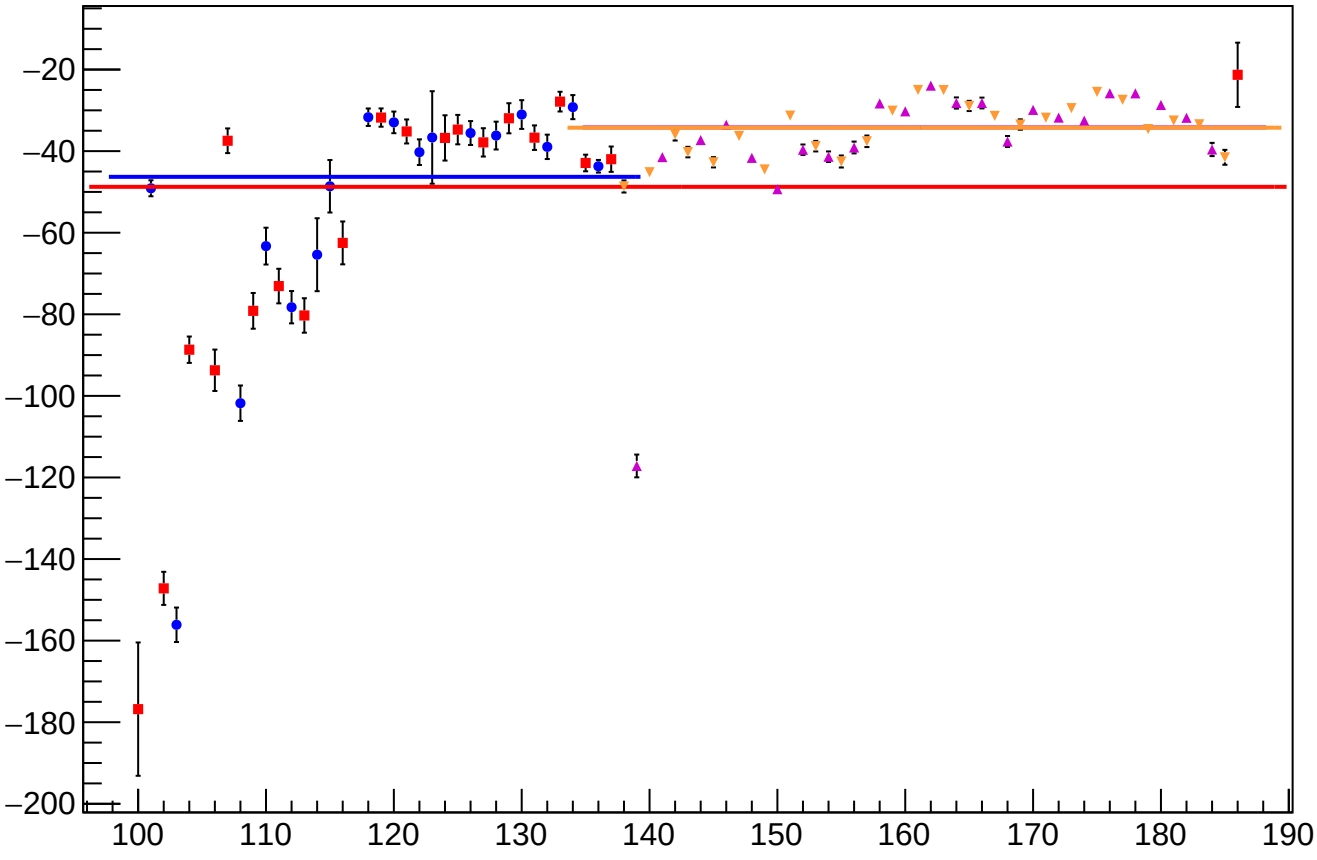
Right: -21.098+/-6.224 χ^2/NDF: 0.0/0

In: -31.647+/-0.308 χ^2/NDF:546.9/22

Out: -33.120+/-0.300 χ^2/NDF:503.7/25

All: -32.401+/-0.215 χ^2/NDF: 1062.3/48

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.300+/-0.723 χ^2/NDF: 1084.0/16

Left Out: -34.256+/-0.242 χ^2/NDF:693.3/24

Right Out: -48.750+/-0.760 χ^2/NDF: 1283.9/19

Left In: -34.189+/-0.250 χ^2/NDF:1546.1/22

Left: -34.224+/-0.174 χ^2/NDF: 2239.5/47

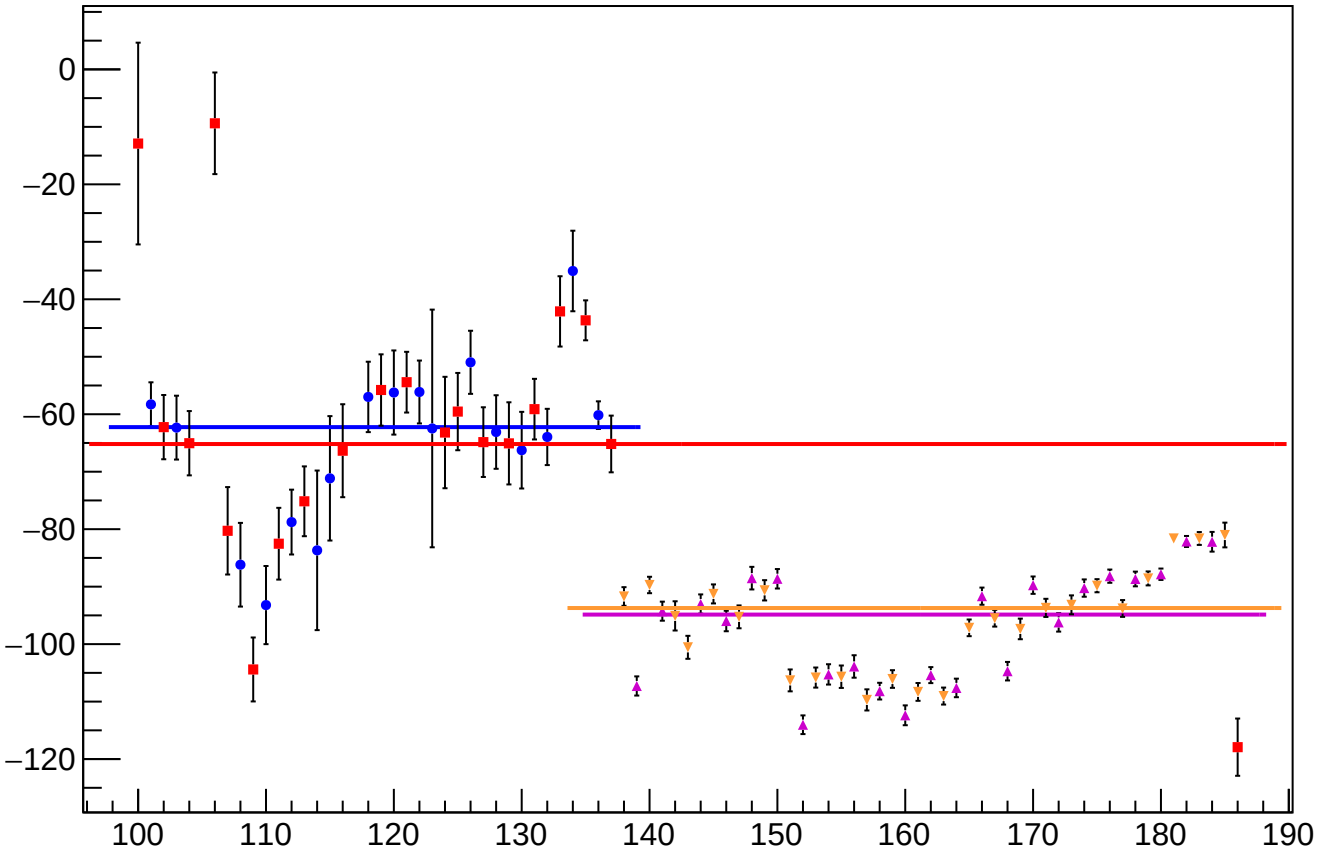
Right: -47.463+/-0.524 χ^2/NDF: 2373.4/36

In: -35.485+/-0.236 χ^2/NDF:2880.9/39

Out: -35.591+/-0.231 χ^2/NDF:2307.3/44

All: -35.539+/-0.165 χ^2/NDF: 5188.3/84

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -93.719+/-0.302 χ^2/NDF:878.2/24

Right Out: -65.186+/-1.329 χ^2/NDF: 286.2/19

Left In: -94.861+/-0.307 χ^2/NDF:985.5/22

Left: -94.280+/-0.215 χ^2/NDF: 1870.7/47

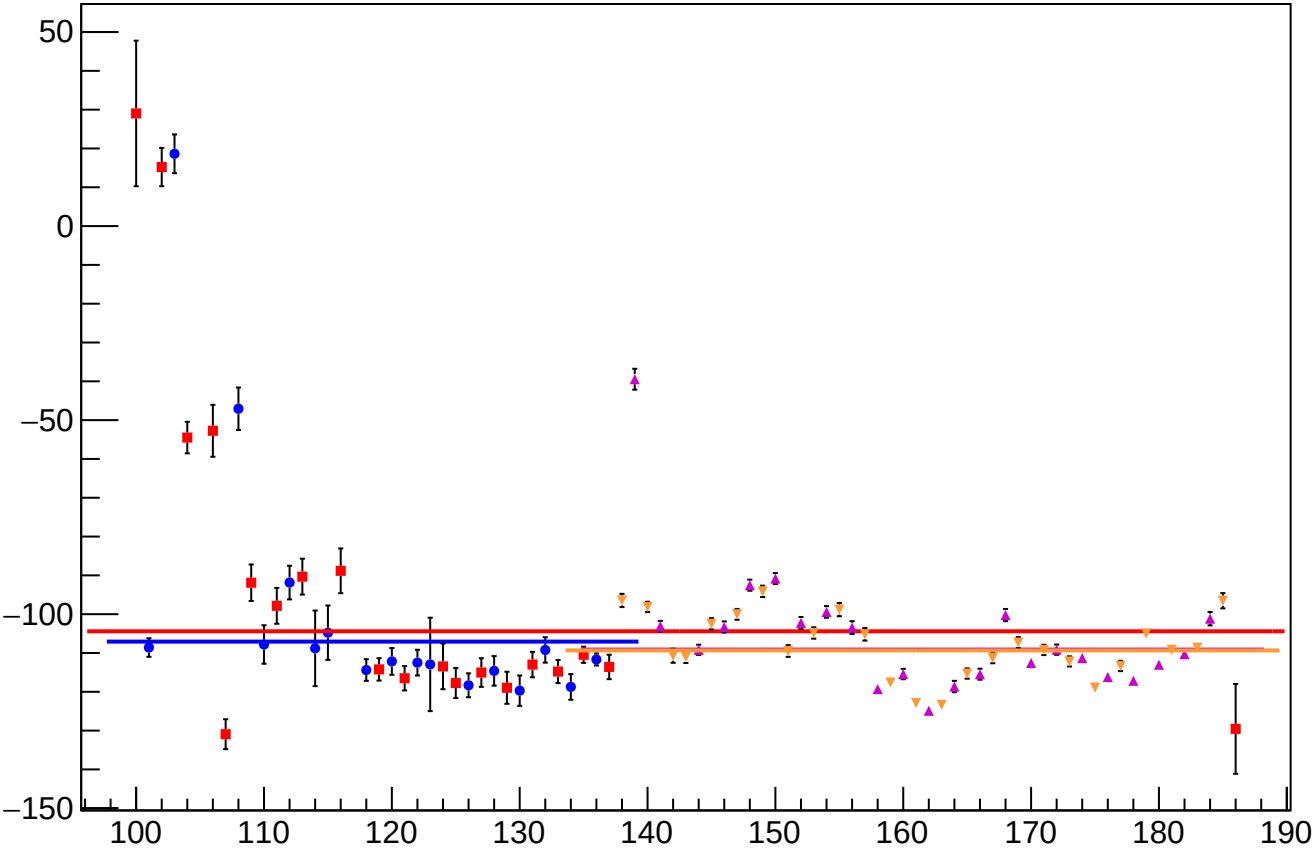
Right: -63.692+/-0.933 χ^2/NDF: 356.2/36

In: -93.160+/-0.299 χ^2/NDF:1640.5/39

Out: -92.316+/-0.295 χ^2/NDF:1602.4/44

All: -92.732+/-0.210 χ^2/NDF: 3246.9/84

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -109.338+/-0.272 χ^2/NDF:826.2/24

Right Out: -104.409+/-0.859 χ^2/NDF: 1023.4/19

Left In: -109.126+/-0.279 χ^2/NDF:1578.7/22

Left: -109.235+/-0.195 χ^2/NDF: 2405.2/47

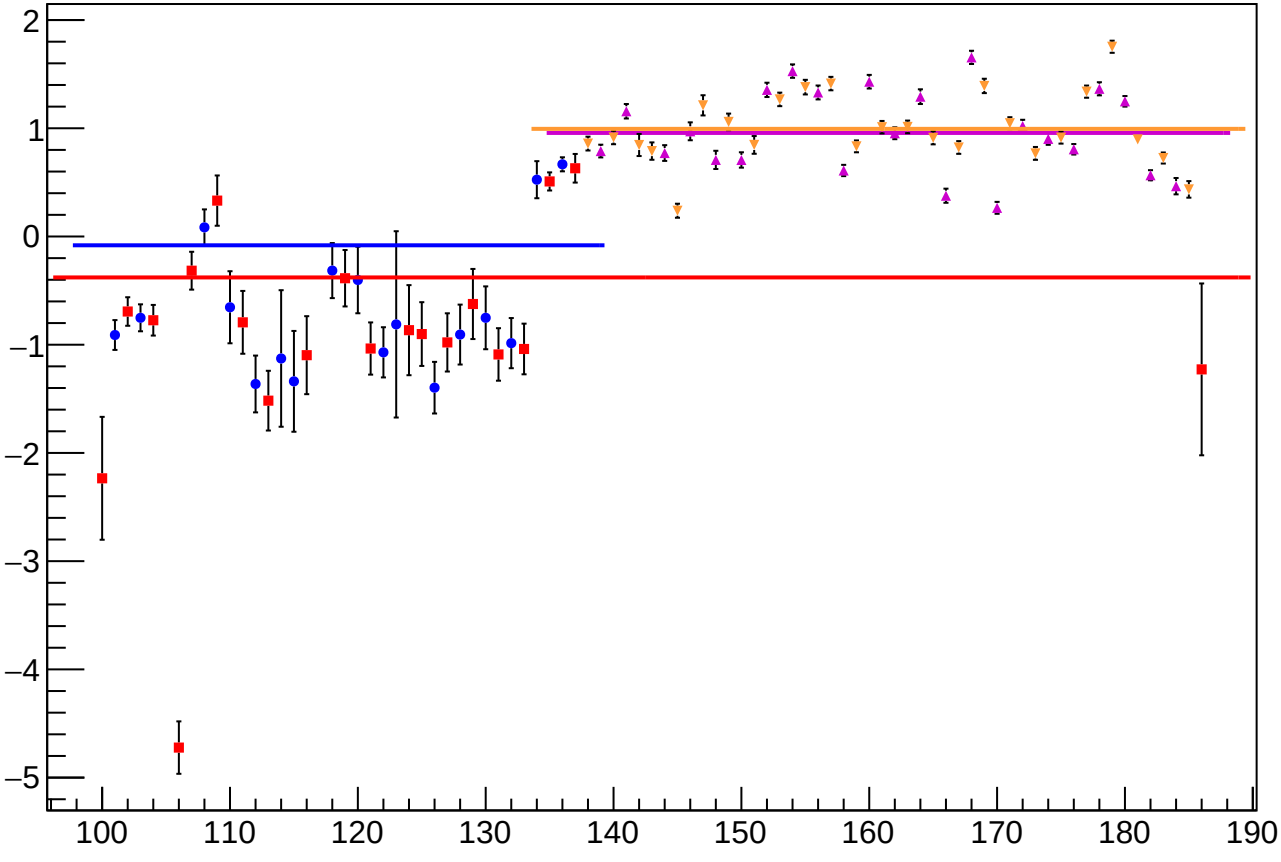
Right: -105.813+/-0.590 χ^2/NDF: 1856.8/36

In: -108.908+/-0.264 χ^2/NDF:2412.8/39

Out: -108.889+/-0.259 χ^2/NDF:1879.5/44

All: -108.899+/-0.185 χ^2/NDF: 4292.4/84

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.995+/-0.012 χ^2/NDF:635.3/24

Right Out: -0.378+/-0.044 χ^2/NDF: 584.2/19

Left In: 0.957+/-0.013 χ^2/NDF:896.5/22

Left: 0.976+/-0.009 χ^2/NDF: 1536.3/47

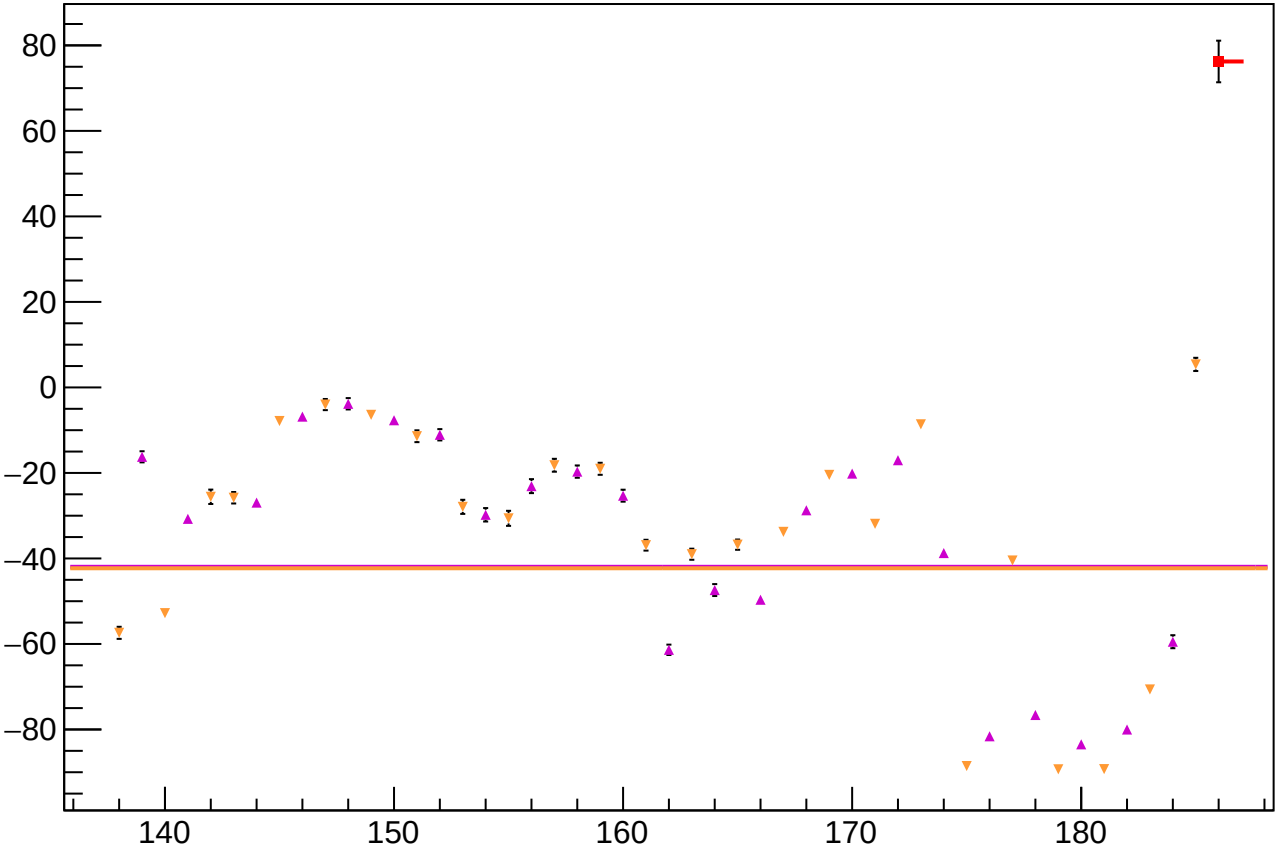
Right: -0.224+/-0.030 χ^2/NDF: 937.0/36

In: 0.872+/-0.012 χ^2/NDF:1781.9/39

Out: 0.892+/-0.012 χ^2/NDF:2127.8/44

All: 0.882+/-0.008 χ^2/NDF: 3911.2/84

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -42.295+/-0.222 χ^2/NDF:18267.5/24

Right Out: 76.234+/-4.867 χ^2/NDF: 0.0/0

Left In: -41.955+/-0.226 χ^2/NDF:14723.4/22

Left: -42.128+/-0.159 χ^2/NDF: 32992.1/47

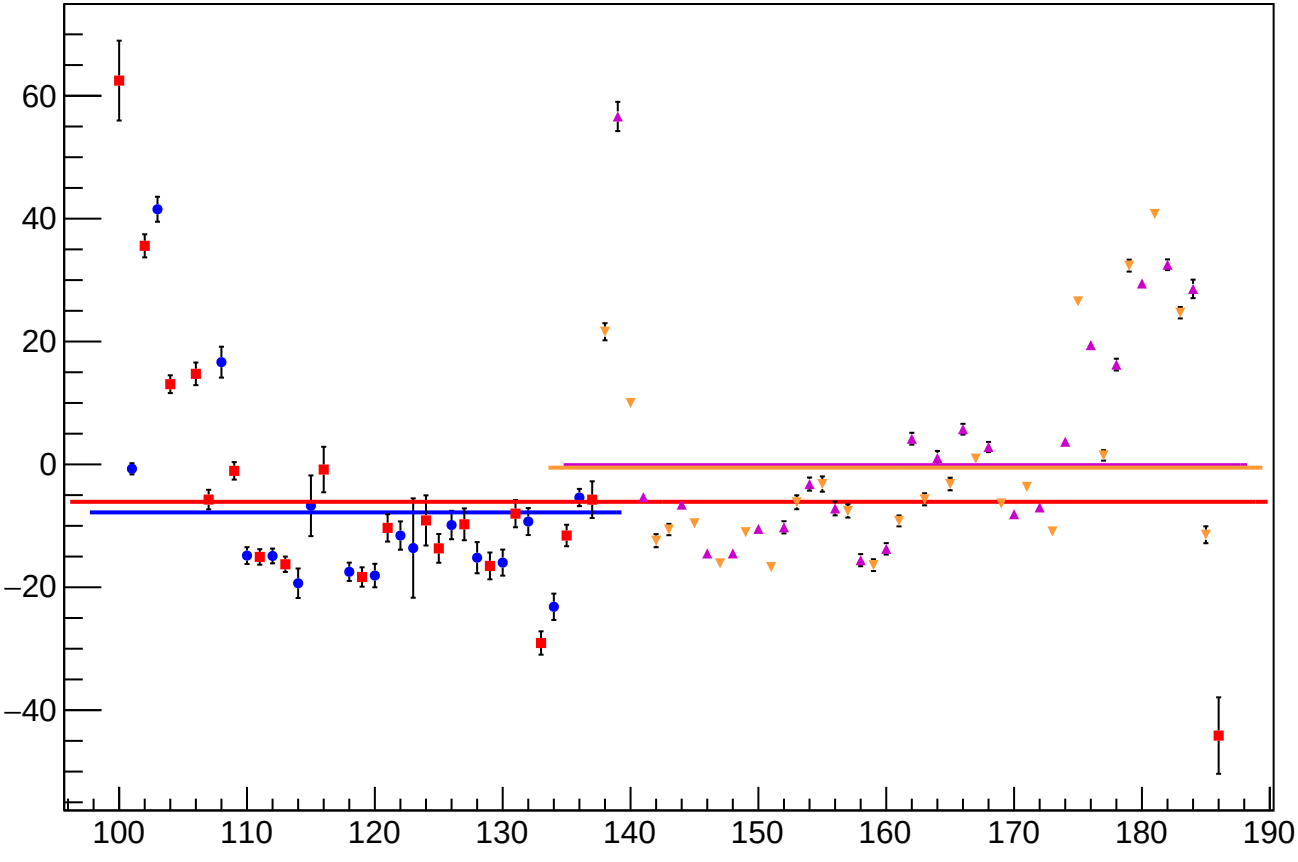
Right: 76.234+/-4.867 χ^2/NDF: 0.0/0

In: -41.955+/-0.226 χ^2/NDF:14723.4/22

Out: -42.048+/-0.222 χ^2/NDF:18859.4/25

All: -42.002+/-0.158 χ^2/NDF: 33582.9/48

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.812+/-0.427 χ^2/NDF: 982.8/16

Left Out: -0.527+/-0.175 χ^2/NDF:8707.9/24

Right Out: -6.089+/-0.428 χ^2/NDF: 1330.6/19

Left In: -0.125+/-0.179 χ^2/NDF:6925.0/22

Left: -0.331+/-0.125 χ^2/NDF: 15635.5/47

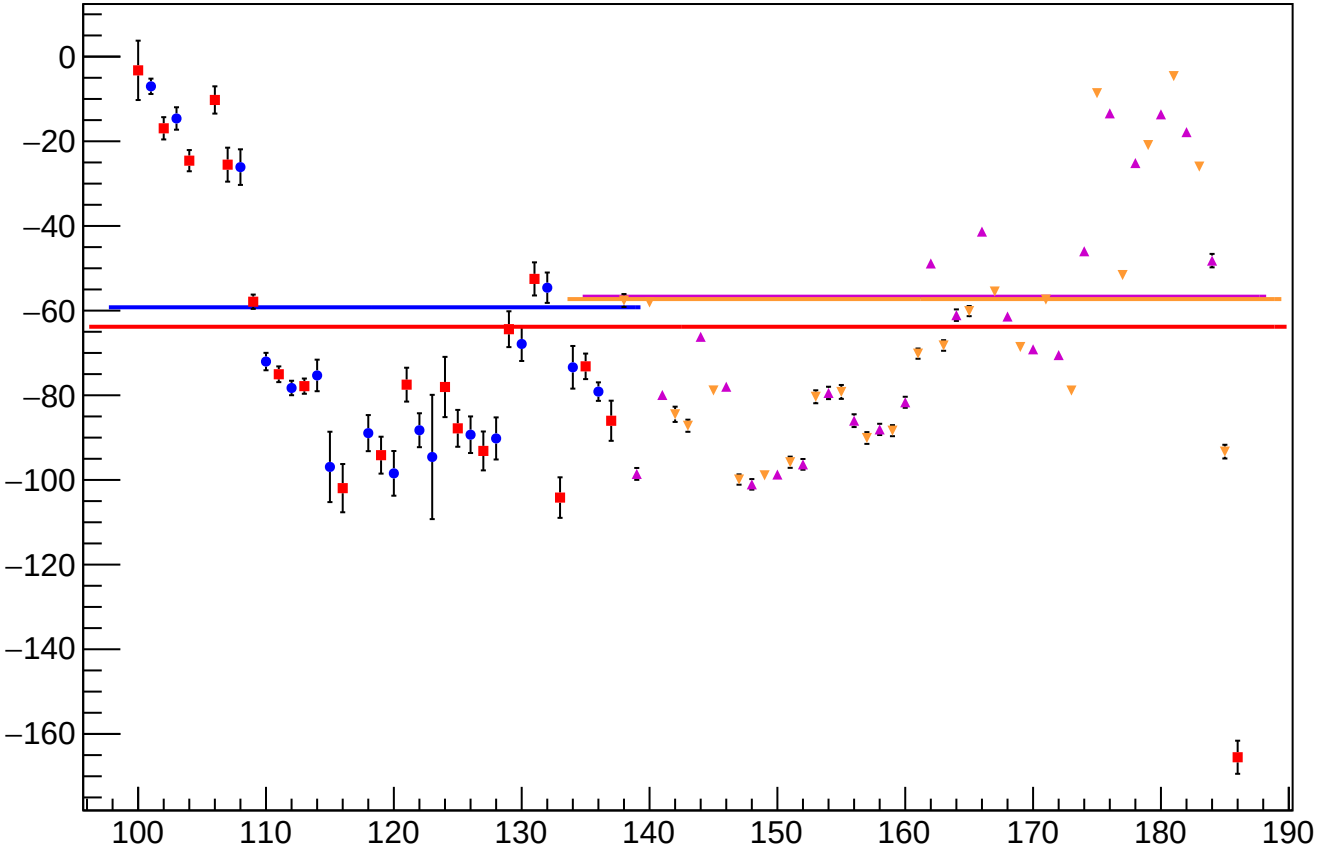
Right: -6.952+/-0.302 χ^2/NDF: 2321.5/36

In: -1.268+/-0.165 χ^2/NDF:8183.3/39

Out: -1.321+/-0.162 χ^2/NDF:10183.2/44

All: -1.295+/-0.115 χ^2/NDF: 18366.6/84

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -57.276+/-0.224 χ^2/NDF:18511.1/24

Right Out: -63.812+/-0.693 χ^2/NDF: 2082.5/19

Left In: -56.705+/-0.226 χ^2/NDF:16547.5/22

Left: -56.993+/-0.159 χ^2/NDF: 35061.8/47

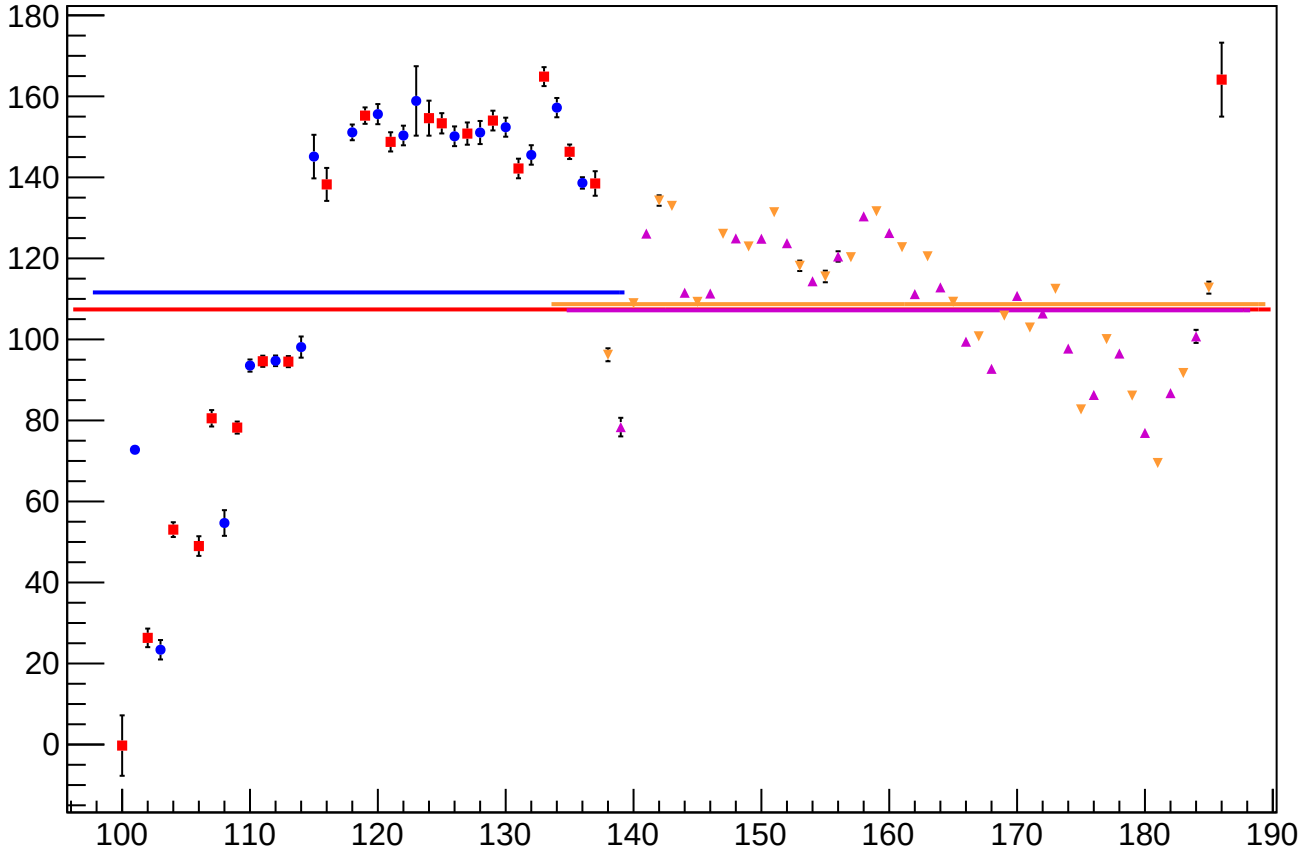
Right: -61.675+/-0.507 χ^2/NDF: 3823.4/36

In: -56.917+/-0.216 χ^2/NDF:18278.4/39

Out: -57.892+/-0.213 χ^2/NDF:20674.2/44

All: -57.412+/-0.152 χ^2/NDF: 38962.9/84

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 108.709+/-0.198 χ^2/NDF:7297.0/24

Right Out: 107.400+/-0.487 χ^2/NDF: 7076.2/19

Left In: 107.180+/-0.202 χ^2/NDF:5592.3/22

Left: 107.959+/-0.141 χ^2/NDF: 12918.6/47

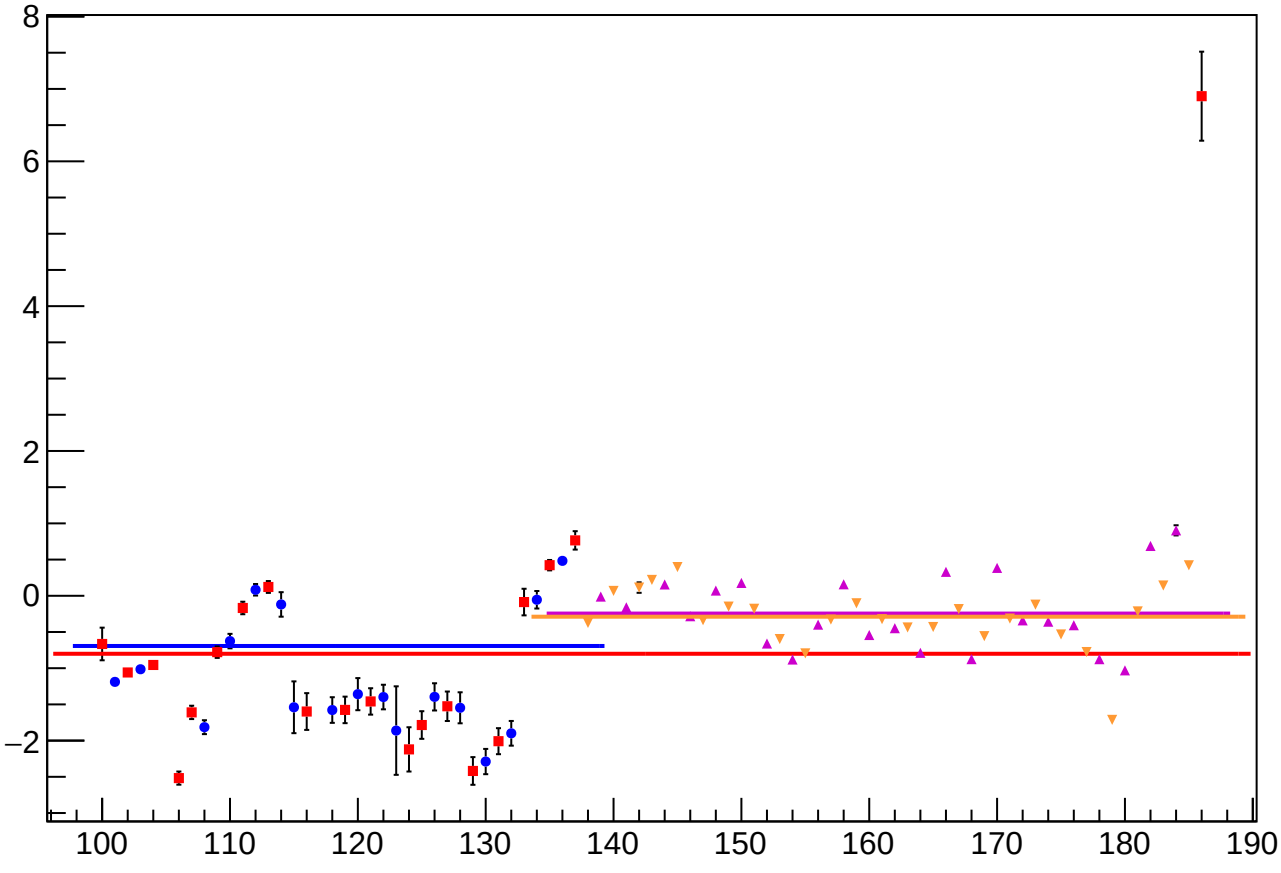
Right: 109.501+/-0.344 χ^2/NDF: 13072.9/36

In: 107.828+/-0.186 χ^2/NDF:11622.2/39

Out: 108.523+/-0.183 χ^2/NDF:14379.3/44

All: 108.181+/-0.131 χ^2/NDF: 26008.6/84

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: -0.289+/-0.009 χ^2/NDF:2039.6/24

Right Out: -0.801+/-0.024 χ^2/NDF: 1467.8/19

Left In: -0.246+/-0.009 χ^2/NDF:2804.3/22

Left: -0.267+/-0.006 χ^2/NDF: 4855.1/47

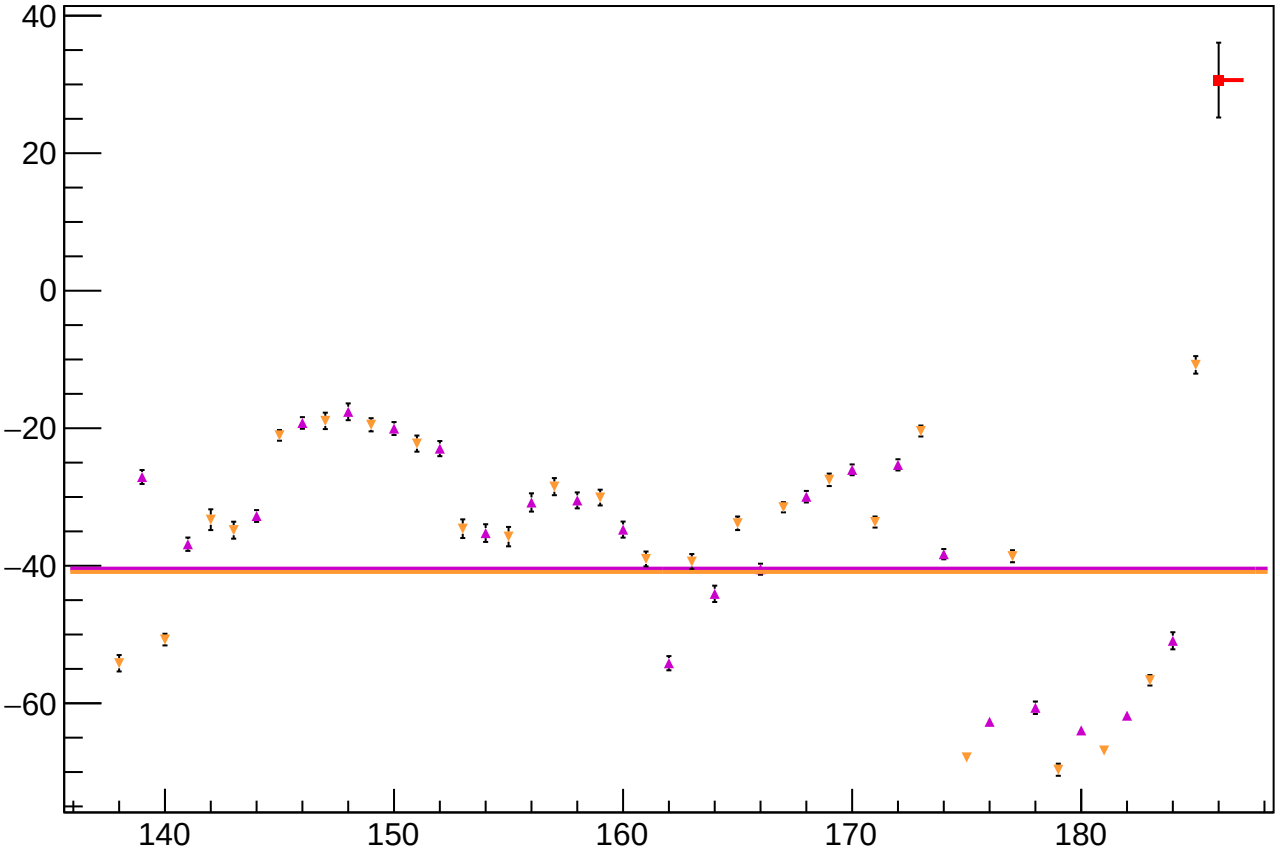
Right: -0.750+/-0.018 χ^2/NDF: 2470.1/36

In: -0.296+/-0.009 χ^2/NDF:4064.7/39

Out: -0.352+/-0.009 χ^2/NDF:3896.3/44

All: -0.324+/-0.006 χ^2/NDF: 7981.8/84

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -40.897+/-0.186 χ^2/NDF:9114.7/24

Right Out: 30.633+/-5.441 χ^2/NDF: 0.0/0

Left In: -40.422+/-0.189 χ^2/NDF:7030.2/22

Left: -40.662+/-0.133 χ^2/NDF: 16148.1/47

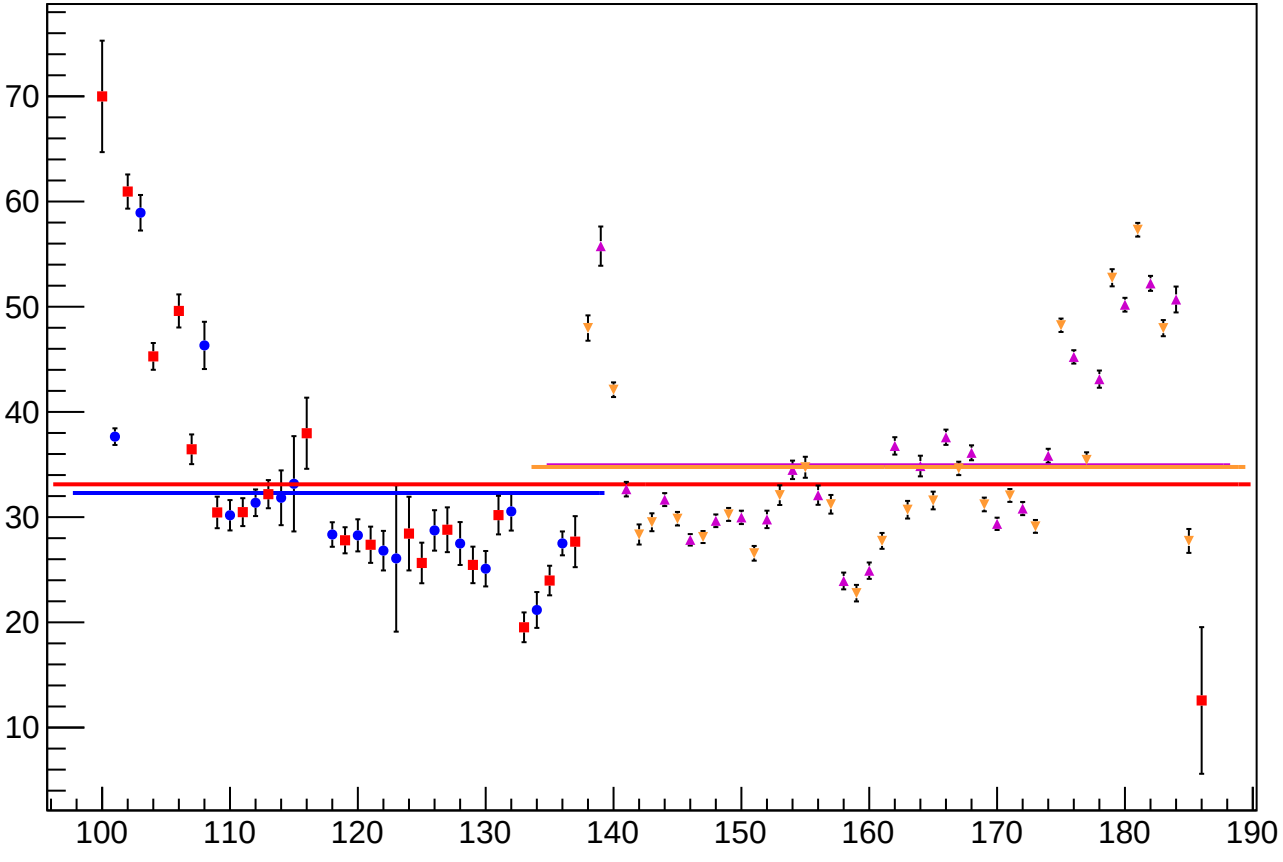
Right: 30.633+/-5.441 χ^2/NDF: 0.0/0

In: -40.422+/-0.189 χ^2/NDF:7030.2/22

Out: -40.813+/-0.186 χ^2/NDF:9287.3/25

All: -40.620+/-0.133 χ^2/NDF: 16319.7/48

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295+/-0.373 χ^2/NDF: 452.2/16

Left Out: 34.768+/-0.148 χ^2/NDF:3677.3/24

Right Out: 33.119+/-0.379 χ^2/NDF: 779.0/19

Left In: 34.928+/-0.151 χ^2/NDF:2688.4/22

Left: 34.846+/-0.106 χ^2/NDF: 6366.3/47

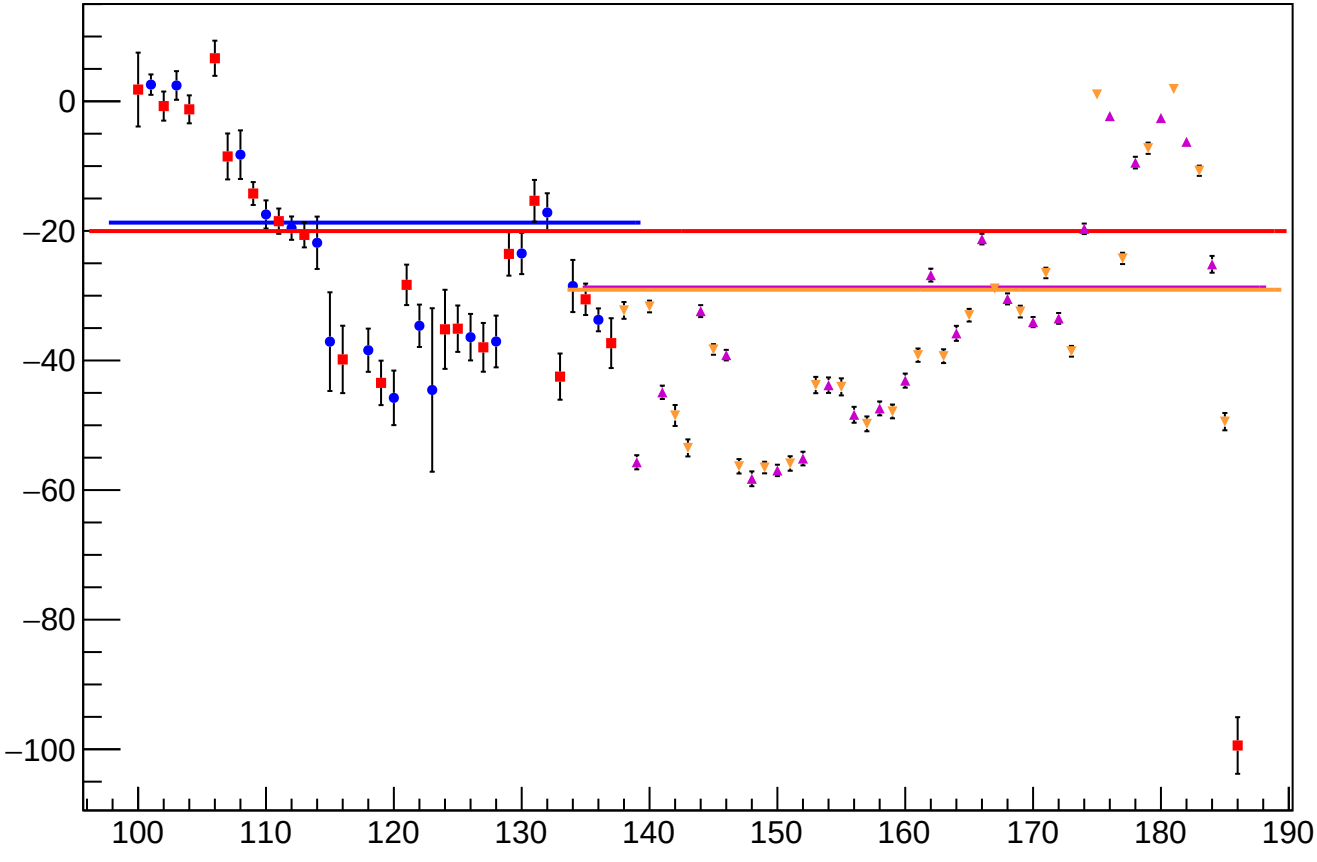
Right: 32.700+/-0.266 χ^2/NDF: 1233.6/36

In: 34.556+/-0.140 χ^2/NDF:3183.5/39

Out: 34.550+/-0.138 χ^2/NDF:4472.8/44

All: 34.553+/-0.098 χ^2/NDF: 7656.3/84

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -29.080+/-0.187 χ^2/NDF:10059.5/24

Right Out: -20.028+/-0.637 χ^2/NDF: 809.9/19

Left In: -28.735+/-0.189 χ^2/NDF:9155.5/22

Left: -28.909+/-0.133 χ^2/NDF: 19216.6/47

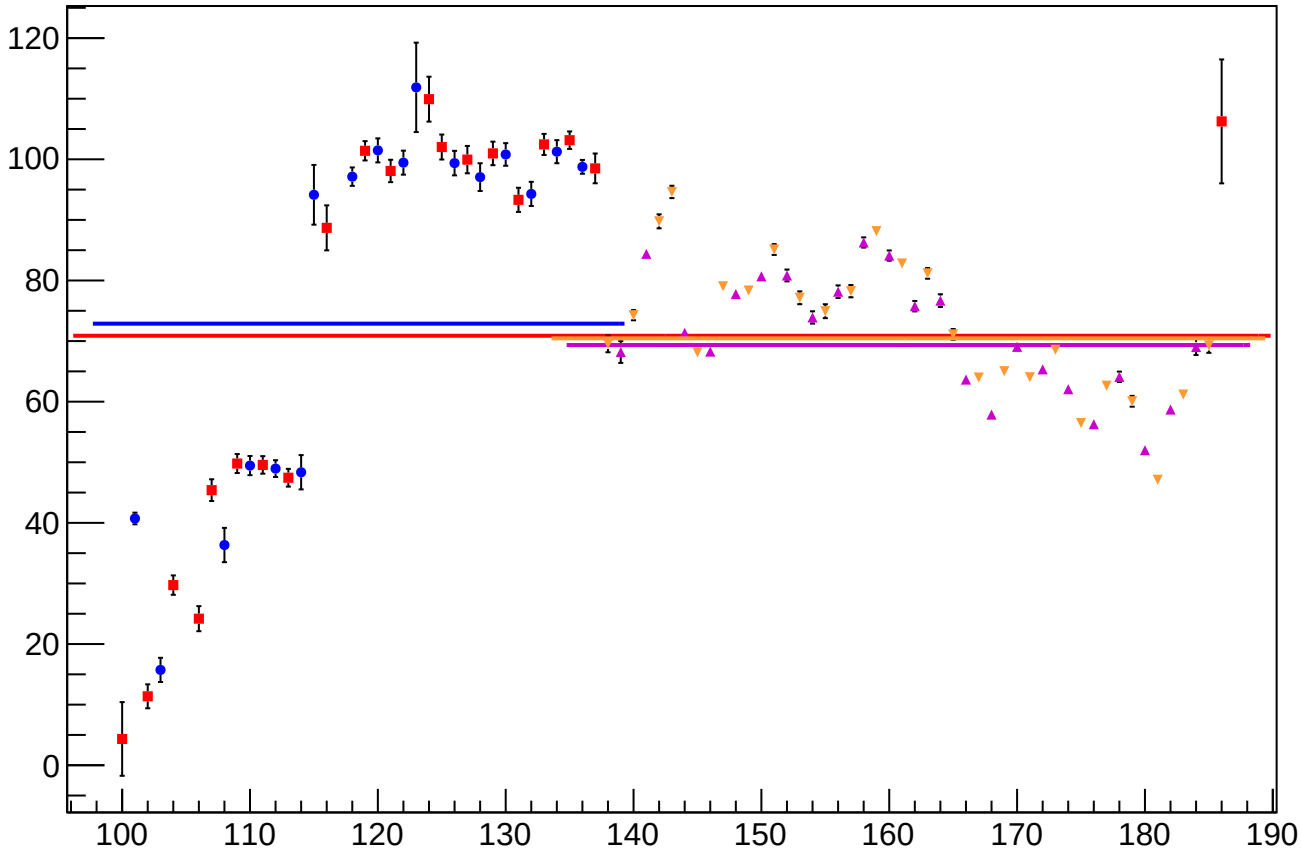
Right: -19.403+/-0.460 χ^2/NDF: 1331.5/36

In: -27.988+/-0.182 χ^2/NDF:9884.7/39

Out: -28.359+/-0.180 χ^2/NDF:11055.4/44

All: -28.176+/-0.128 χ^2/NDF: 20942.3/84

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 70.450+/-0.167 χ^2/NDF:4484.7/24

Right Out: 70.879+/-0.433 χ^2/NDF: 5501.3/19

Left In: 69.350+/-0.170 χ^2/NDF:3330.7/22

Left: 69.910+/-0.119 χ^2/NDF: 7836.8/47

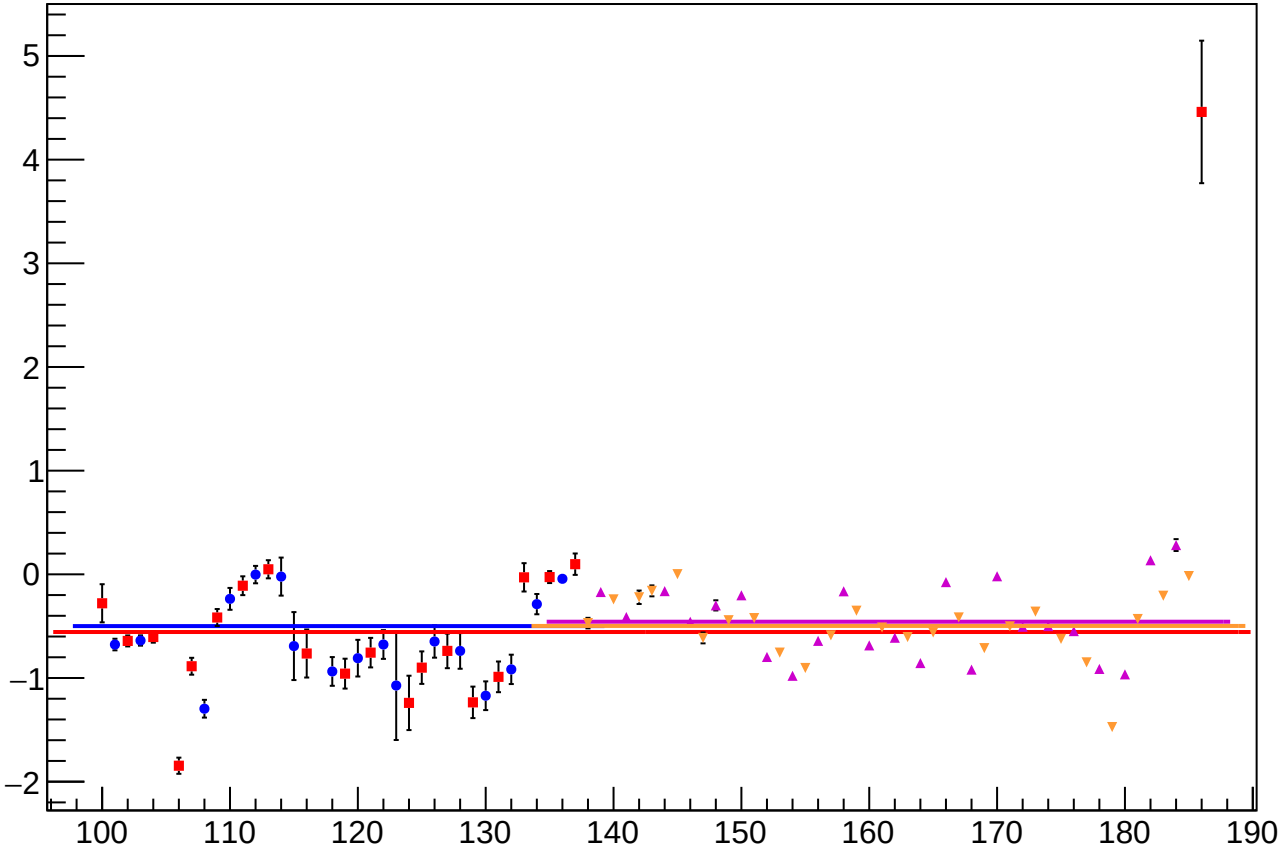
Right: 71.893+/-0.304 χ^2/NDF: 10250.0/36

In: 69.833+/-0.158 χ^2/NDF:8127.8/39

Out: 70.505+/-0.155 χ^2/NDF:9986.8/44

All: 70.174+/-0.111 χ^2/NDF: 18123.8/84

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.498+/-0.008 χ^2/NDF:1440.7/24

Right Out: -0.556+/-0.021 χ^2/NDF: 615.7/19

Left In: -0.457+/-0.008 χ^2/NDF:1975.2/22

Left: -0.478+/-0.005 χ^2/NDF: 3430.2/47

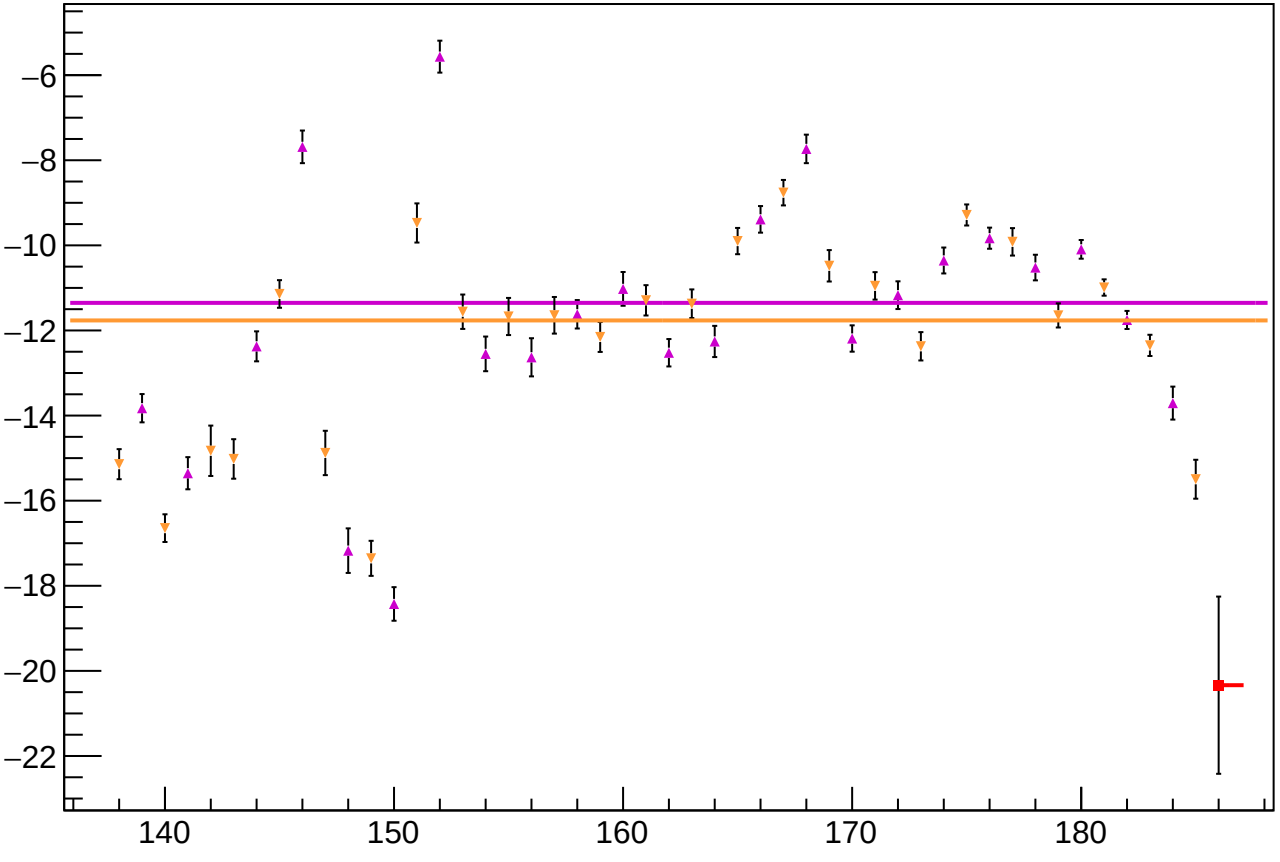
Right: -0.529+/-0.015 χ^2/NDF: 922.6/36

In: -0.462+/-0.007 χ^2/NDF:2281.9/39

Out: -0.504+/-0.007 χ^2/NDF:2063.1/44

All: -0.483+/-0.005 χ^2/NDF: 4362.6/84

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -11.764+/-0.067 χ^2/NDF:1025.9/24

Right Out: -20.336+/-2.082 χ^2/NDF: 0.0/0

Left In: -11.352+/-0.068 χ^2/NDF:1280.6/22

Left: -11.561+/-0.048 χ^2/NDF: 2325.4/47

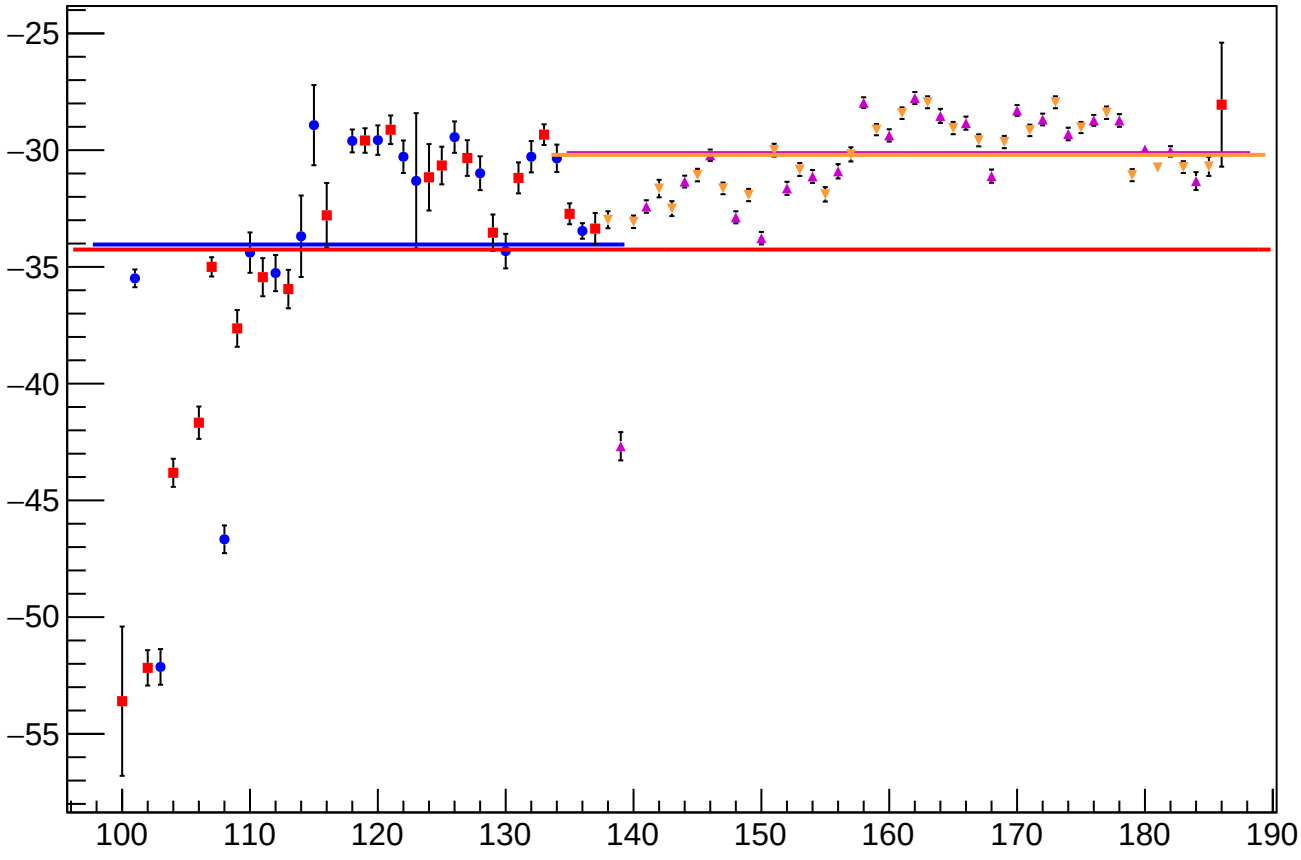
Right: -20.336+/-2.082 χ^2/NDF: 0.0/0

In: -11.352+/-0.068 χ^2/NDF:1280.6/22

Out: -11.773+/-0.067 χ^2/NDF:1042.8/25

All: -11.565+/-0.048 χ^2/NDF: 2343.1/48

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.042+/-0.151 χ^2/NDF: 1340.8/16

Left Out: -30.201+/-0.054 χ^2/NDF:725.7/24

Right Out: -34.257+/-0.151 χ^2/NDF: 1354.9/19

Left In: -30.128+/-0.055 χ^2/NDF:1290.4/22

Left: -30.165+/-0.039 χ^2/NDF: 2017.0/47

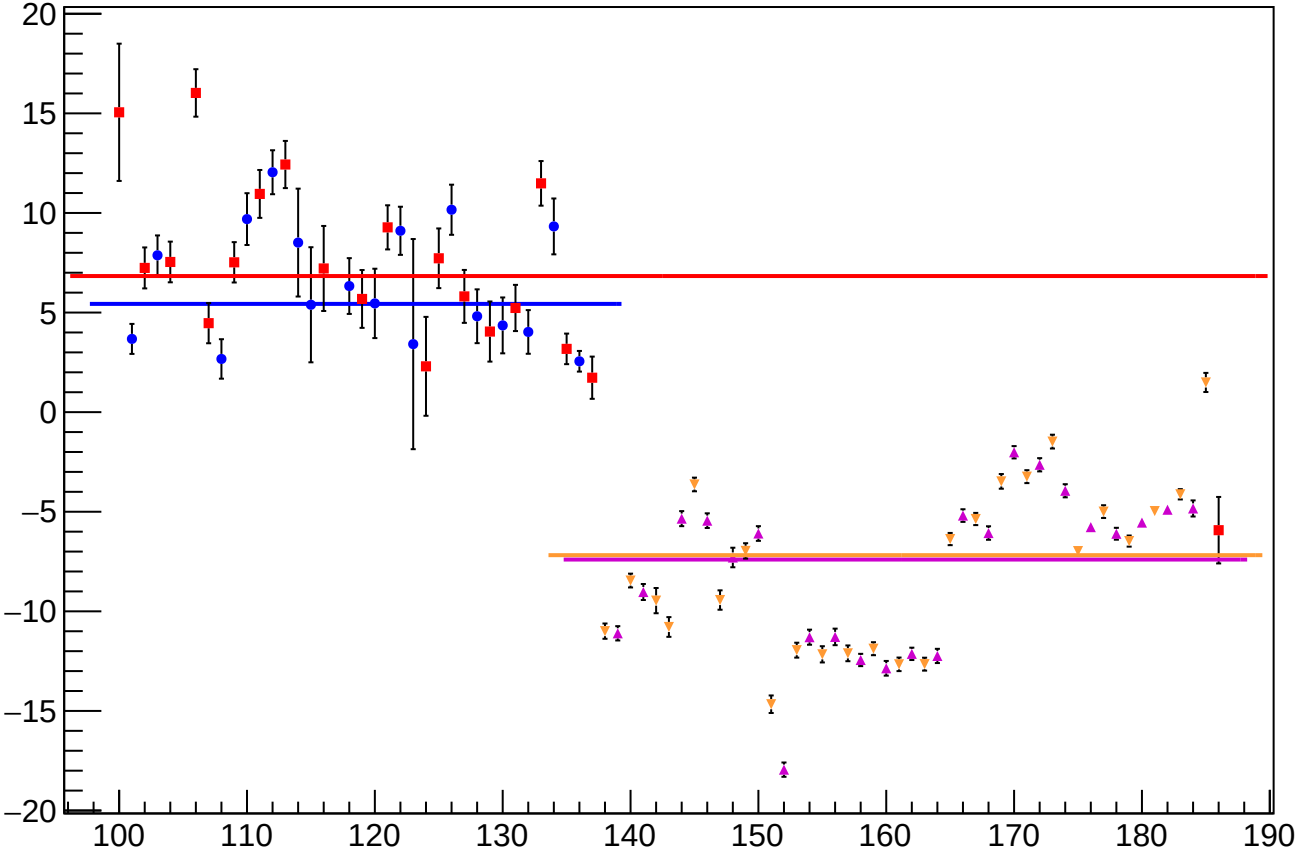
Right: -34.149+/-0.107 χ^2/NDF: 2696.7/36

In: -30.593+/-0.052 χ^2/NDF:3225.6/39

Out: -30.663+/-0.051 χ^2/NDF:2723.5/44

All: -30.629+/-0.036 χ^2/NDF: 5950.0/84

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435+/-0.270 χ^2/NDF: 132.0/16

Left Out: -7.180+/-0.067 χ^2/NDF:3015.8/24

Right Out: 6.833+/-0.271 χ^2/NDF: 242.6/19

Left In: -7.400+/-0.068 χ^2/NDF:3134.9/22

Left: -7.289+/-0.048 χ^2/NDF: 6156.0/47

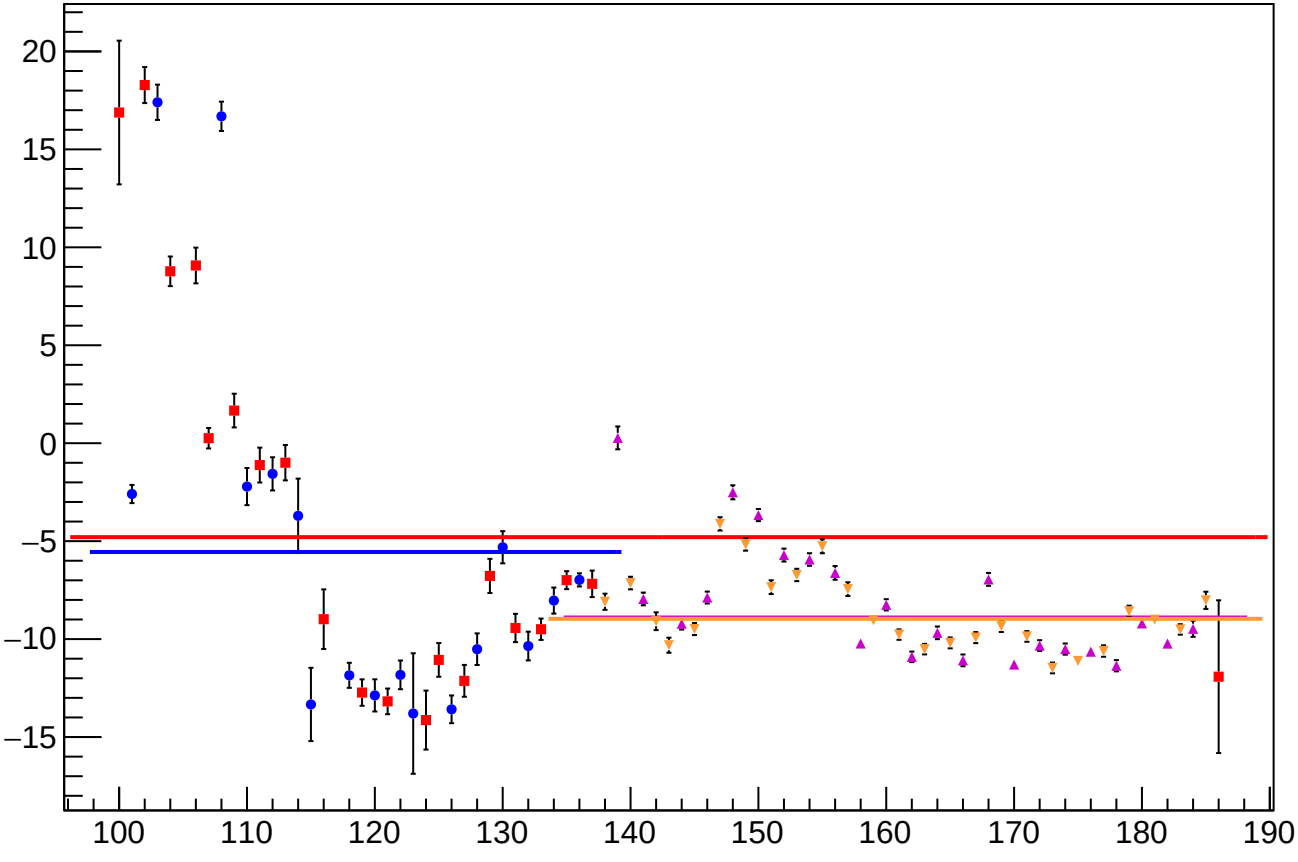
Right: 6.131+/-0.191 χ^2/NDF: 388.0/36

In: -6.641+/-0.066 χ^2/NDF:5399.9/39

Out: -6.371+/-0.065 χ^2/NDF:5786.4/44

All: -6.505+/-0.046 χ^2/NDF: 11194.9/84

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553+/-0.170 χ^2/NDF: 2125.3/16

Left Out: -8.965+/-0.060 χ^2/NDF:876.6/24

Right Out: -4.796+/-0.173 χ^2/NDF: 2043.7/19

Left In: -8.898+/-0.061 χ^2/NDF:1584.0/22

Left: -8.932+/-0.043 χ^2/NDF: 2461.2/47

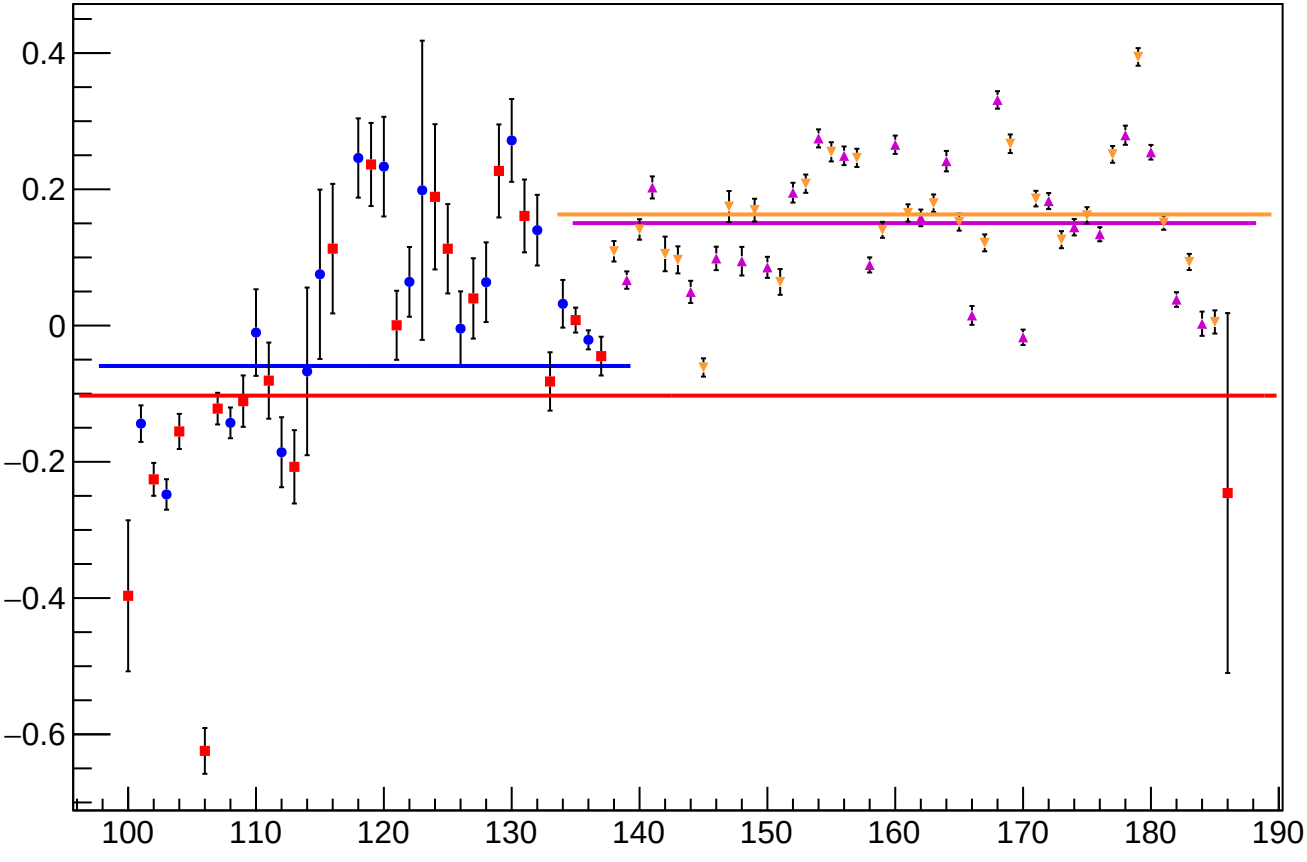
Right: -5.181+/-0.121 χ^2/NDF: 4178.8/36

In: -8.510+/-0.058 χ^2/NDF:4052.0/39

Out: -8.512+/-0.057 χ^2/NDF:3440.1/44

All: -8.511+/-0.041 χ^2/NDF: 7492.1/84

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.059+/-0.008 χ^2/NDF: 217.6/16

Left Out: 0.163+/-0.003 χ^2/NDF:1011.4/24

Right Out: -0.103+/-0.008 χ^2/NDF: 435.8/19

Left In: 0.150+/-0.003 χ^2/NDF:1296.5/22

Left: 0.157+/-0.002 χ^2/NDF: 2318.7/47

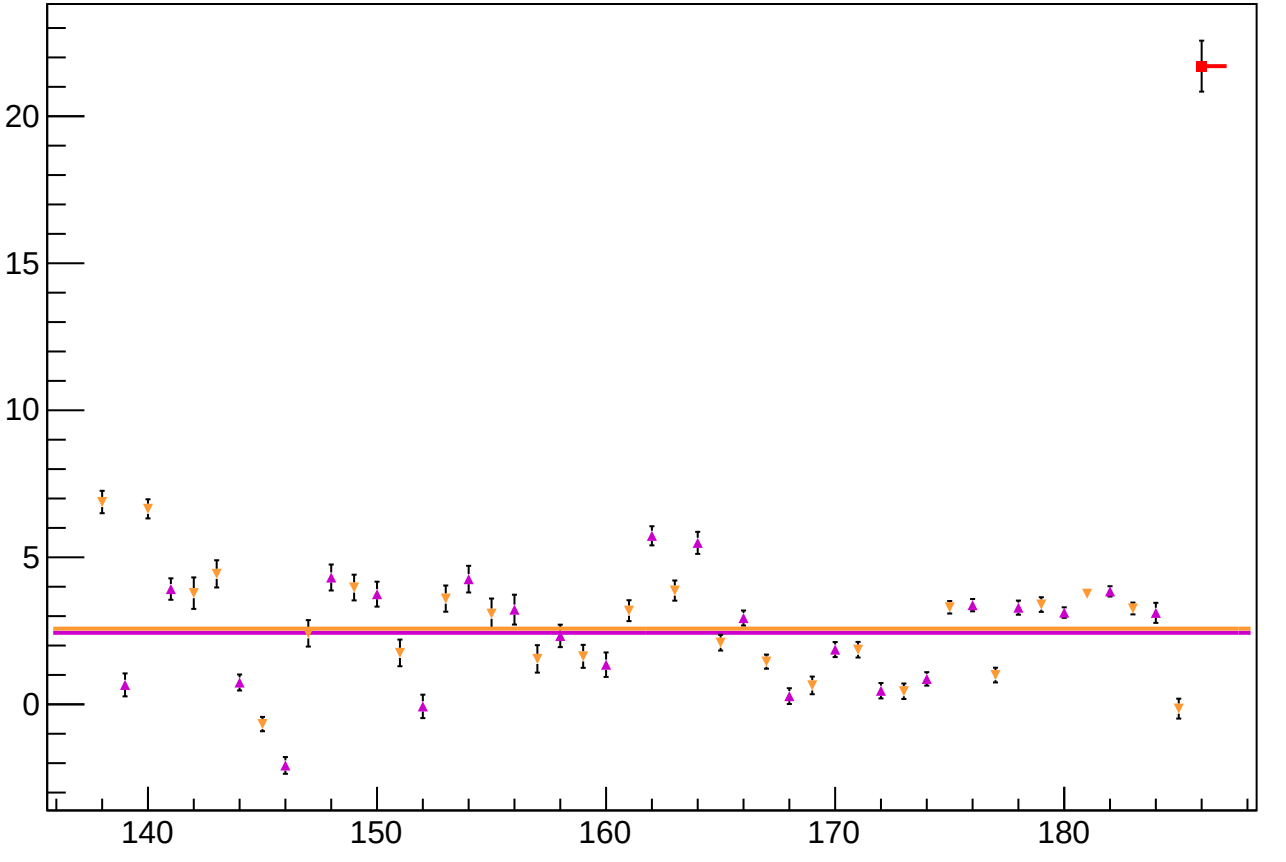
Right: -0.081+/-0.006 χ^2/NDF: 666.8/36

In: 0.130+/-0.003 χ^2/NDF:2078.4/39

Out: 0.138+/-0.003 χ^2/NDF:2350.9/44

All: 0.134+/-0.002 χ^2/NDF: 4433.7/84

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 2.575+/-0.058 χ^2/NDF:868.1/24

Right Out: 21.703+/-0.867 χ^2/NDF: 0.0/0

Left In: 2.433+/-0.059 χ^2/NDF:882.9/22

Left: 2.505+/-0.042 χ^2/NDF: 1754.0/47

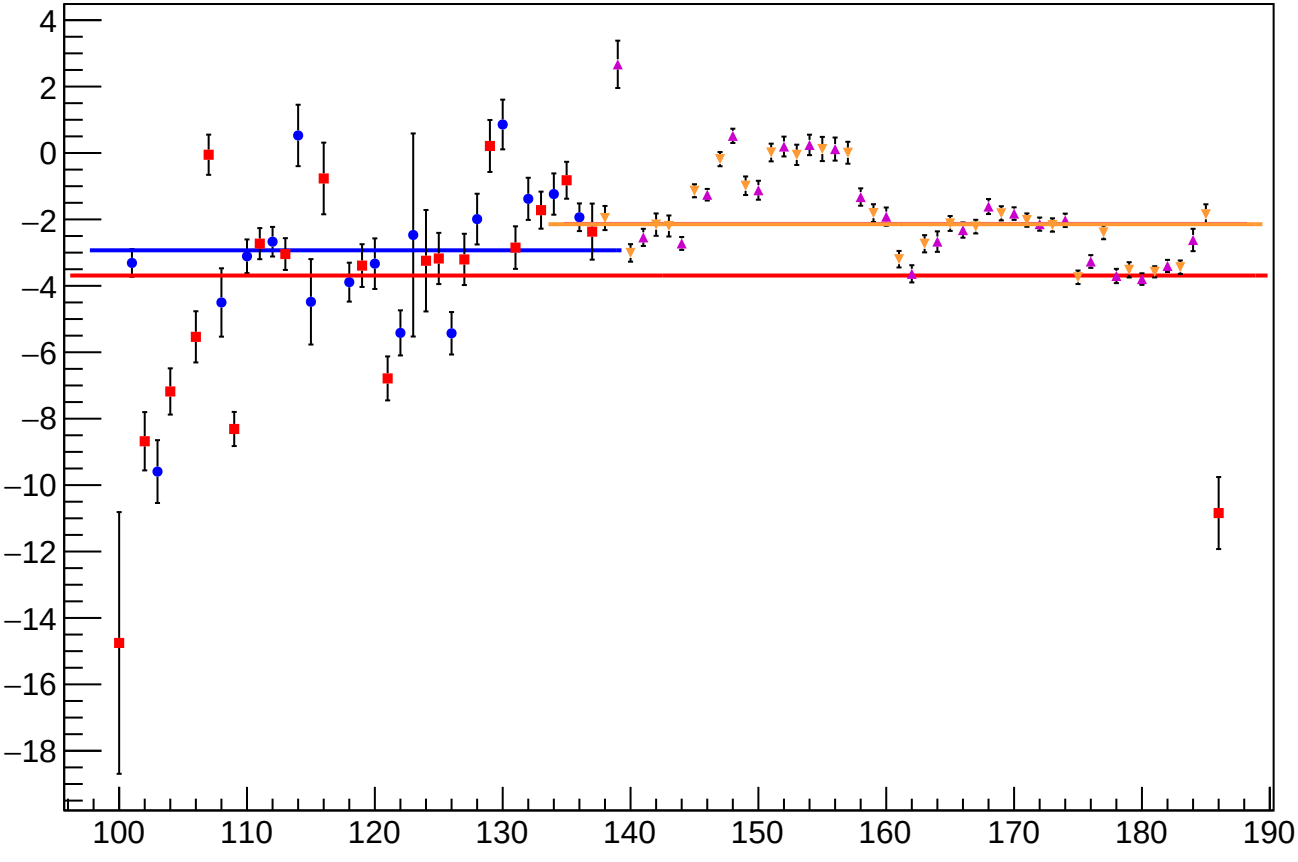
Right: 21.703+/-0.867 χ^2/NDF: 0.0/0

In: 2.433+/-0.059 χ^2/NDF:882.9/22

Out: 2.662+/-0.058 χ^2/NDF:1353.2/25

All: 2.549+/-0.041 χ^2/NDF: 2243.7/48

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.930+/-0.154 χ^2/NDF: 146.5/16

Left Out: -2.145+/-0.048 χ^2/NDF:572.6/24

Right Out: -3.690+/-0.153 χ^2/NDF: 336.1/19

Left In: -2.137+/-0.048 χ^2/NDF:693.6/22

Left: -2.141+/-0.034 χ^2/NDF: 1266.1/47

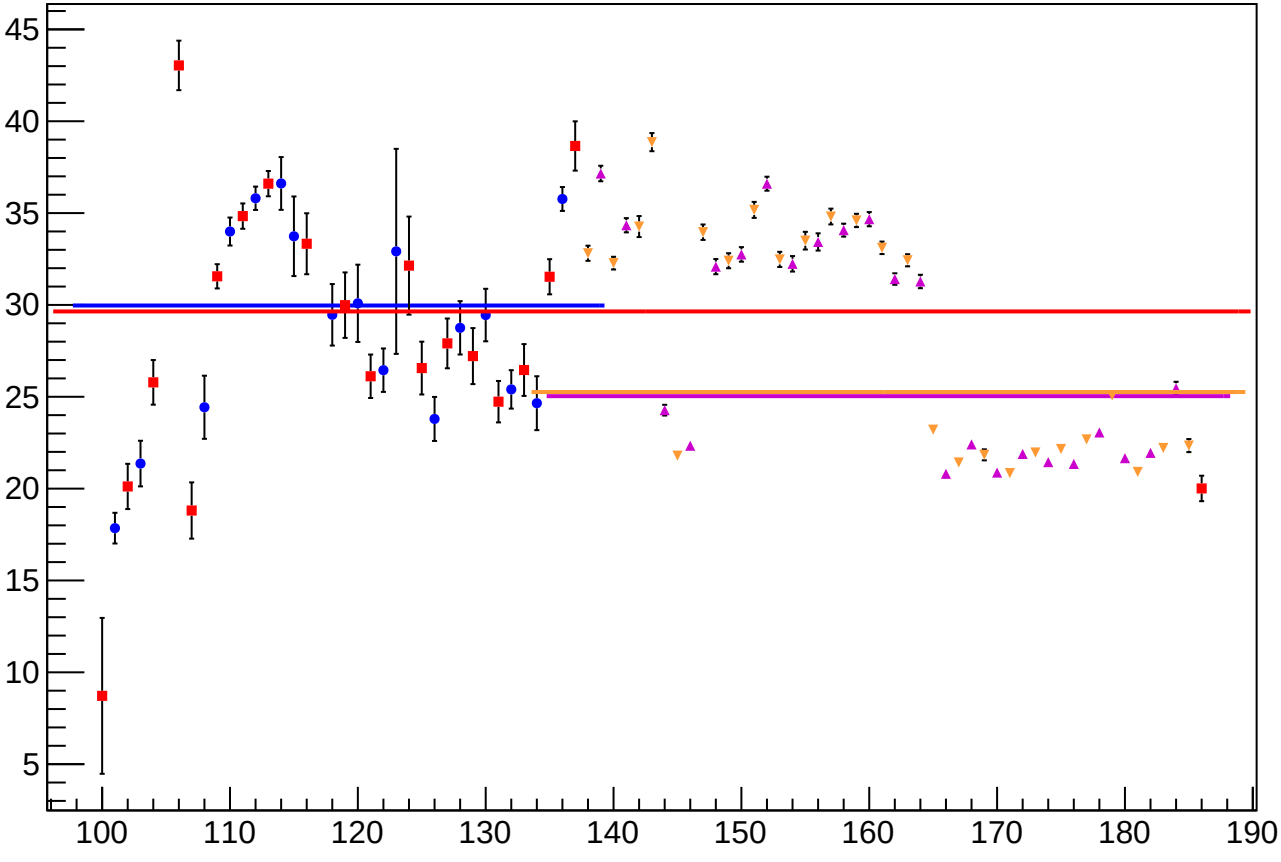
Right: -3.312+/-0.109 χ^2/NDF: 494.8/36

In: -2.208+/-0.046 χ^2/NDF:864.3/39

Out: -2.281+/-0.046 χ^2/NDF:1001.5/44

All: -2.245+/-0.032 χ^2/NDF: 1867.1/84

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.969+/-0.267 χ^2/NDF: 554.3/16

Left Out: 25.258+/-0.059 χ^2/NDF:8135.5/24

Right Out: 29.646+/-0.243 χ^2/NDF: 699.7/19

Left In: 25.034+/-0.059 χ^2/NDF:7690.0/22

Left: 25.147+/-0.042 χ^2/NDF: 15832.7/47

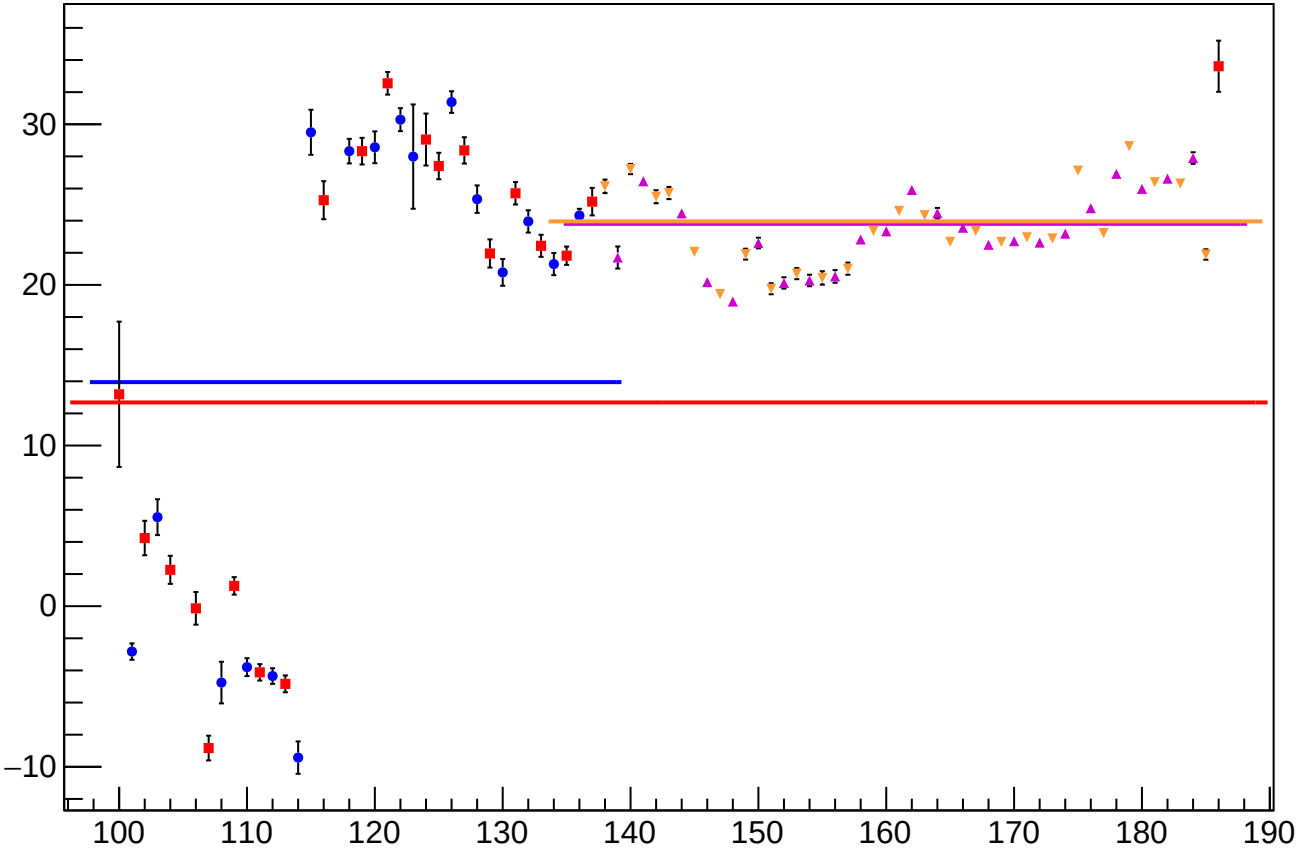
Right: 29.792+/-0.180 χ^2/NDF: 1254.8/36

In: 25.267+/-0.058 χ^2/NDF:8570.5/39

Out: 25.501+/-0.057 χ^2/NDF:9142.1/44

All: 25.385+/-0.041 χ^2/NDF: 17720.8/84

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.948+/-0.172 χ^2/NDF: 7391.9/16

Left Out: 23.953+/-0.053 χ^2/NDF:1915.9/24

Right Out: 12.684+/-0.173 χ^2/NDF: 7137.9/19

Left In: 23.804+/-0.054 χ^2/NDF:1760.4/22

Left: 23.880+/-0.038 χ^2/NDF: 3680.1/47

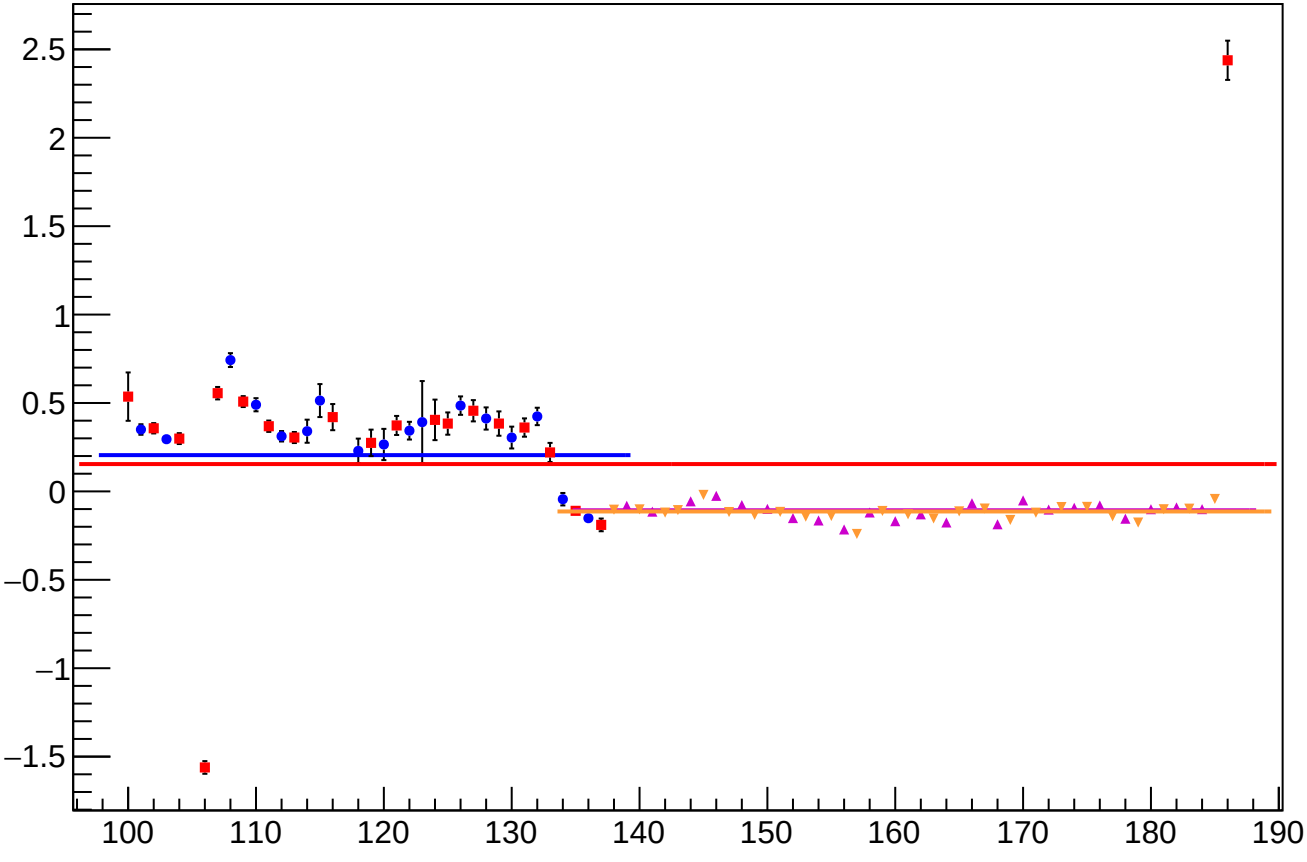
Right: 13.319+/-0.122 χ^2/NDF: 14556.7/36

In: 22.923+/-0.051 χ^2/NDF:12143.7/39

Out: 22.976+/-0.051 χ^2/NDF:12944.5/44

All: 22.950+/-0.036 χ^2/NDF: 25088.8/84

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205+/-0.009 χ^2/NDF: 846.2/16

Left Out: -0.114+/-0.002 χ^2/NDF:290.8/24

Right Out: 0.155+/-0.009 χ^2/NDF: 3443.3/19

Left In: -0.107+/-0.002 χ^2/NDF:322.0/22

Left: -0.110+/-0.002 χ^2/NDF: 616.8/47

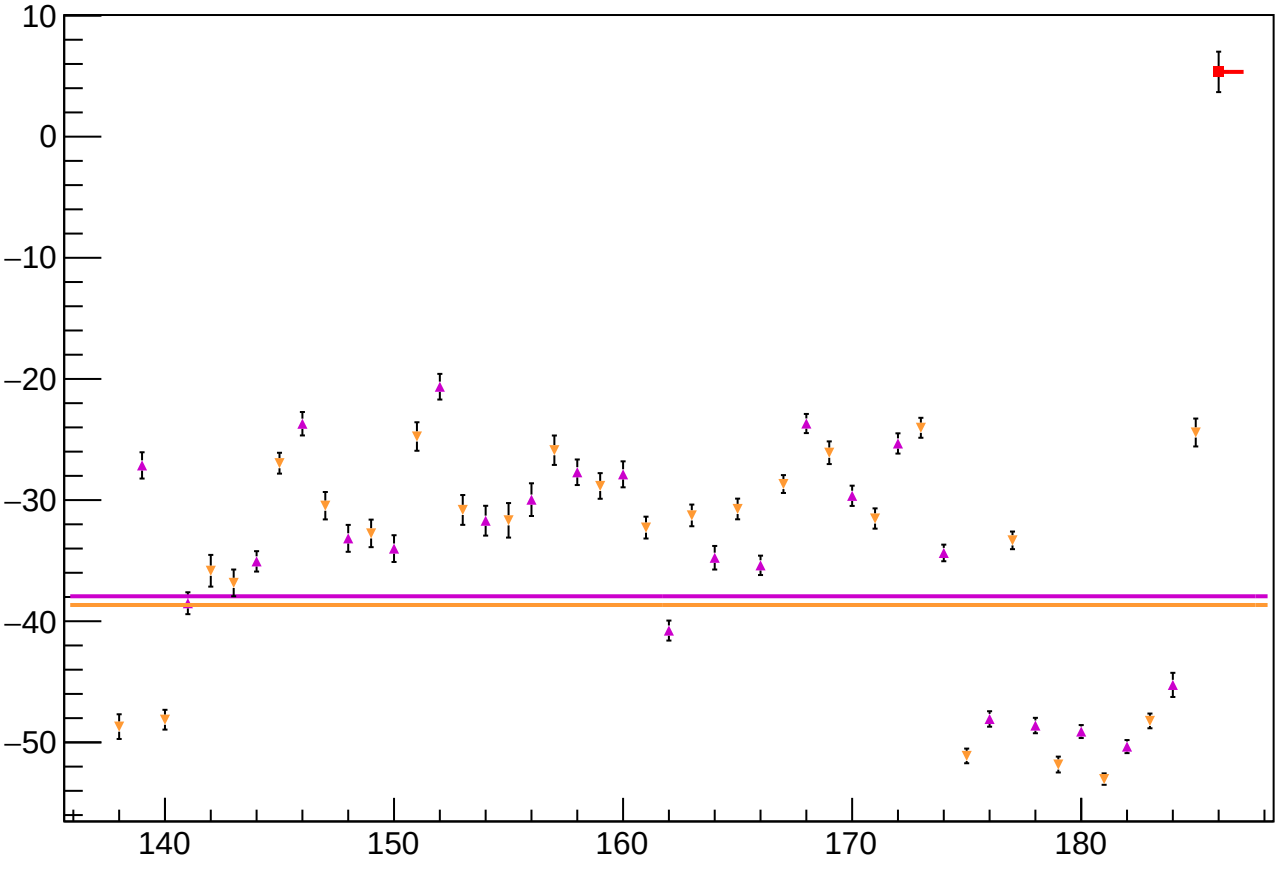
Right: 0.179+/-0.007 χ^2/NDF: 4304.4/36

In: -0.087+/-0.002 χ^2/NDF:2206.4/39

Out: -0.096+/-0.002 χ^2/NDF:4533.8/44

All: -0.091+/-0.002 χ^2/NDF: 6748.1/84

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -38.660+/-0.169 χ^2/NDF:4073.8/24

Right Out: 5.346+/-1.669 χ^2/NDF: 0.0/0

Left In: -37.939+/-0.173 χ^2/NDF:3133.2/22

Left: -38.306+/-0.121 χ^2/NDF: 7216.0/47

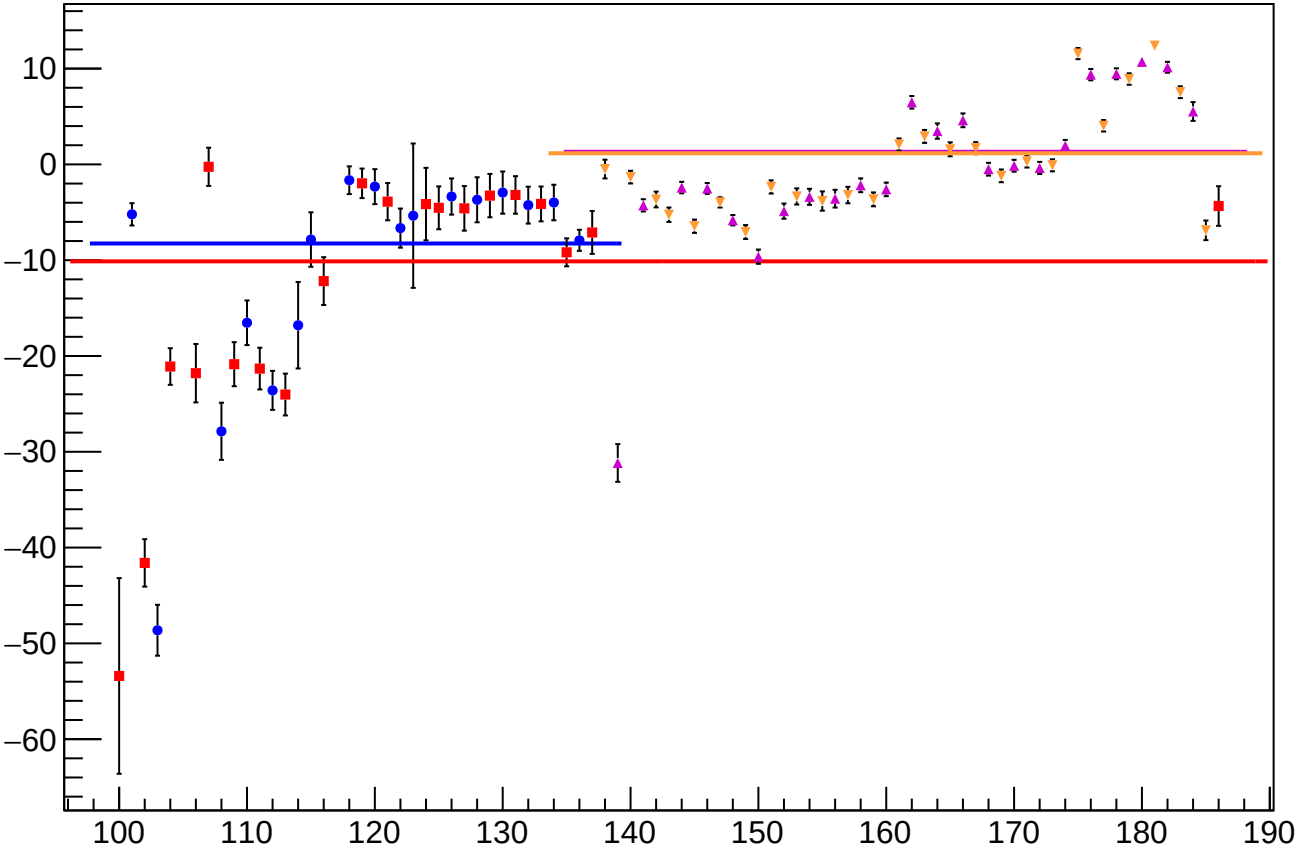
Right: 5.346+/-1.669 χ^2/NDF: 0.0/0

In: -37.939+/-0.173 χ^2/NDF:3133.2/22

Out: -38.211+/-0.168 χ^2/NDF:4761.9/25

All: -38.079+/-0.121 χ^2/NDF: 7896.4/48

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.257+/-0.462 χ^2/NDF: 412.1/16

Left Out: 1.163+/-0.136 χ^2/NDF:1786.1/24

Right Out: -10.121+/-0.478 χ^2/NDF: 436.7/19

Left In: 1.319+/-0.139 χ^2/NDF:2080.7/22

Left: 1.239+/-0.097 χ^2/NDF: 3867.4/47

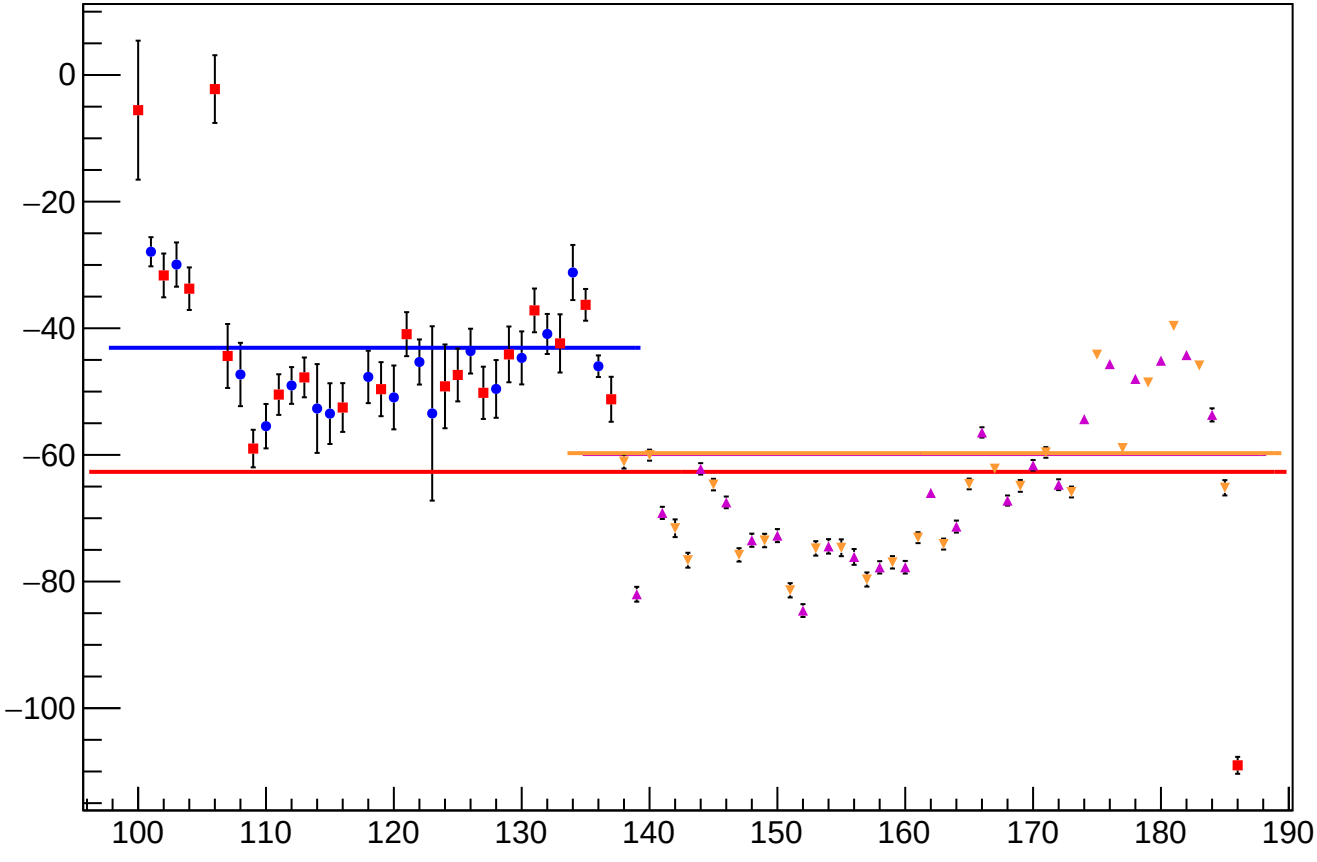
Right: -9.157+/-0.332 χ^2/NDF: 856.6/36

In: 0.519+/-0.134 χ^2/NDF:2886.3/39

Out: 0.314+/-0.131 χ^2/NDF:2738.2/44

All: 0.415+/-0.094 χ^2/NDF: 5625.7/84

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.082+/-0.834 χ^2/NDF: 99.2/16

Left Out: -59.724+/-0.170 χ^2/NDF:5789.8/24

Right Out: -62.678+/-0.727 χ^2/NDF: 1855.0/19

Left In: -59.864+/-0.173 χ^2/NDF:5275.1/22

Left: -59.793+/-0.121 χ^2/NDF: 11065.1/47

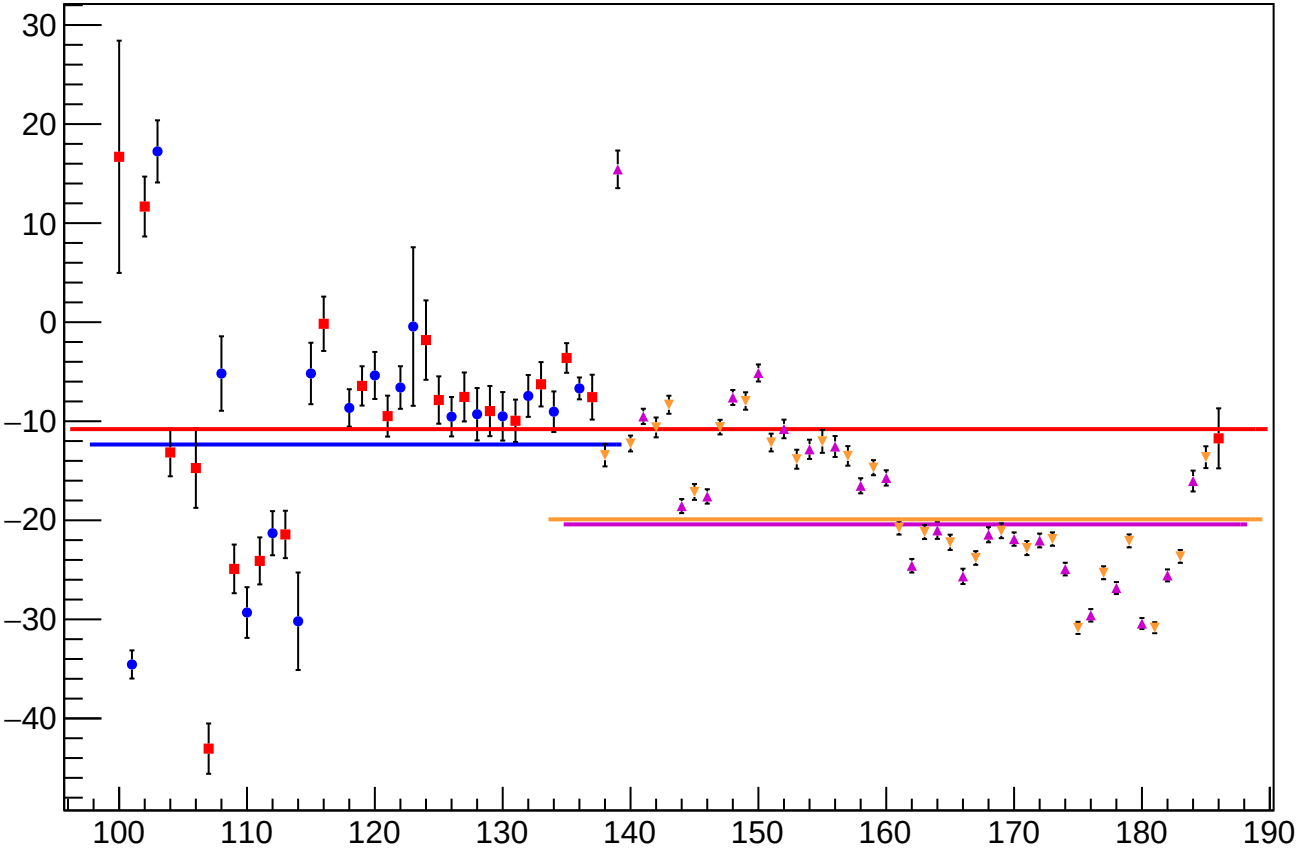
Right: -54.214+/-0.548 χ^2/NDF: 2267.6/36

In: -59.175+/-0.169 χ^2/NDF:5762.3/39

Out: -59.878+/-0.166 χ^2/NDF:7660.4/44

All: -59.533+/-0.118 χ^2/NDF: 13431.5/84

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.348+/-0.520 χ^2/NDF: 475.9/16

Left Out: -19.902+/-0.153 χ^2/NDF:1904.7/24

Right Out: -10.796+/-0.545 χ^2/NDF: 366.7/19

Left In: -20.412+/-0.156 χ^2/NDF:2345.4/22

Left: -20.152+/-0.109 χ^2/NDF: 4255.5/47

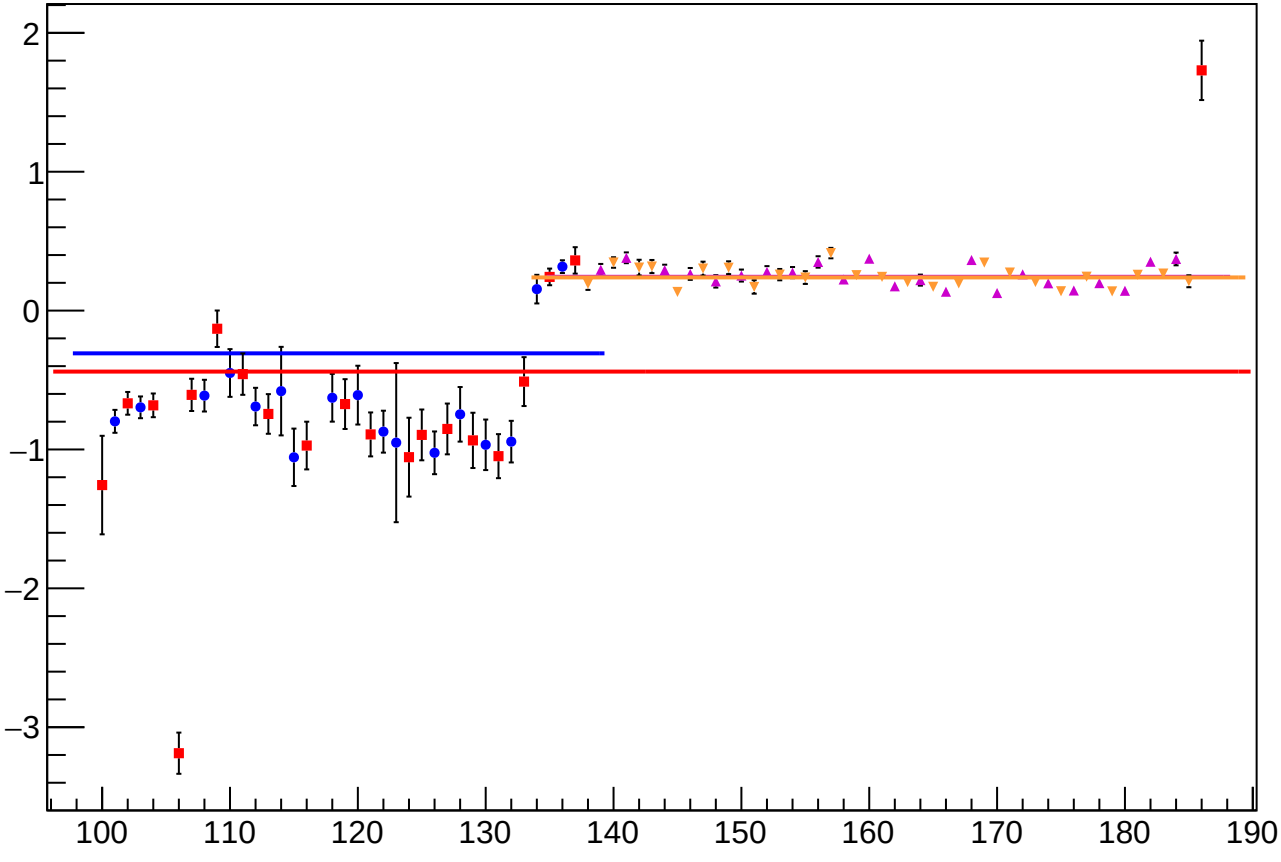
Right: -11.608+/-0.376 χ^2/NDF: 846.9/36

In: -19.744+/-0.150 χ^2/NDF:3042.2/39

Out: -19.235+/-0.147 χ^2/NDF:2530.5/44

All: -19.486+/-0.105 χ^2/NDF: 5578.6/84

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.308+/-0.028 χ^2/NDF: 372.4/16

Left Out: 0.239+/-0.007 χ^2/NDF:93.5/24

Right Out: -0.439+/-0.028 χ^2/NDF: 736.0/19

Left In: 0.243+/-0.007 χ^2/NDF:139.2/22

Left: 0.241+/-0.005 χ^2/NDF: 232.9/47

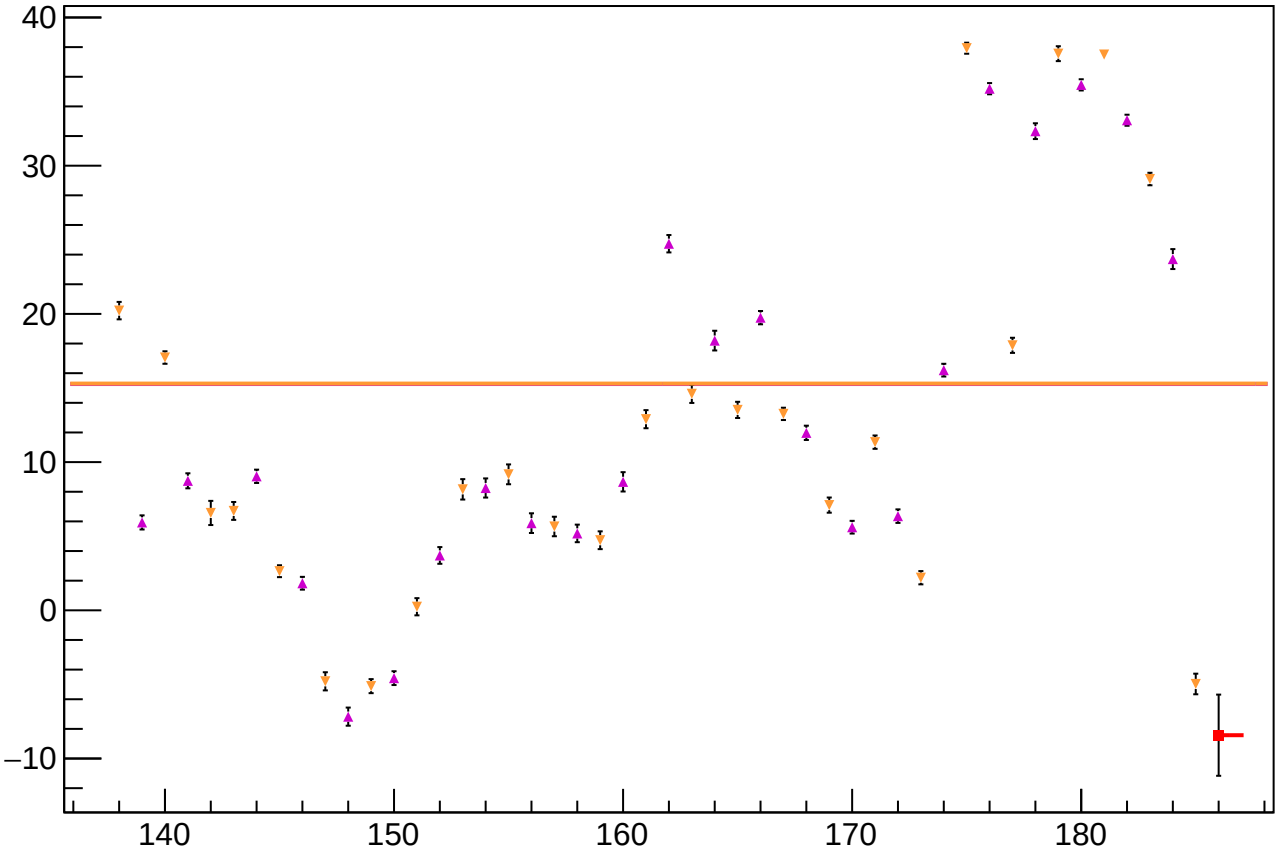
Right: -0.372+/-0.020 χ^2/NDF: 1119.5/36

In: 0.209+/-0.007 χ^2/NDF:887.7/39

Out: 0.199+/-0.007 χ^2/NDF:1370.8/44

All: 0.204+/-0.005 χ^2/NDF: 2259.4/84

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 15.298+/-0.101 χ^2/NDF:19135.0/24

Right Out: -8.426+/-2.739 χ^2/NDF: 0.0/0

Left In: 15.268+/-0.102 χ^2/NDF:16406.3/22

Left: 15.283+/-0.072 χ^2/NDF: 35541.3/47

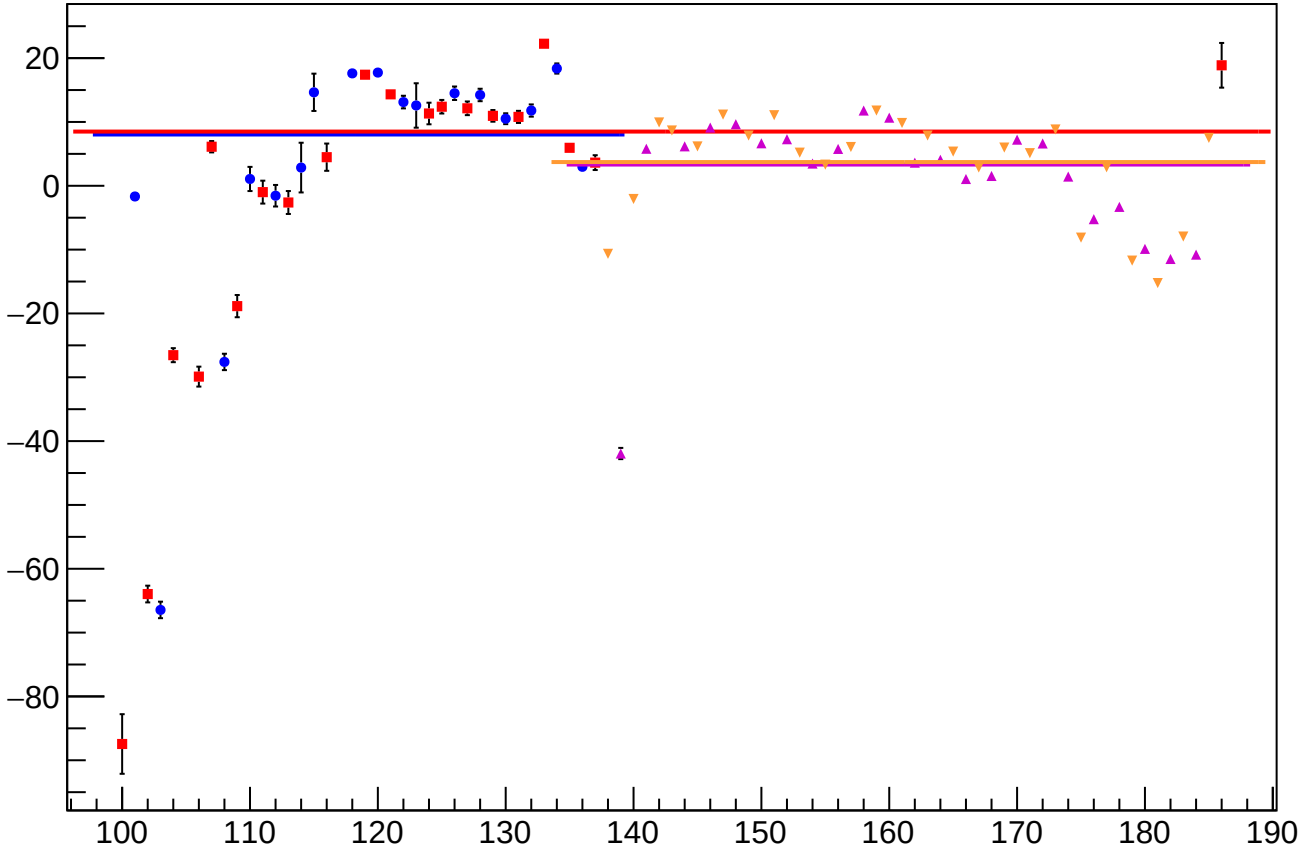
Right: -8.426+/-2.739 χ^2/NDF: 0.0/0

In: 15.268+/-0.102 χ^2/NDF:16406.3/22

Out: 15.266+/-0.101 χ^2/NDF:19210.0/25

All: 15.267+/-0.072 χ^2/NDF: 35616.2/48

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036+/-0.215 χ^2/NDF: 5369.4/16

Left Out: 3.717+/-0.079 χ^2/NDF:9201.0/24

Right Out: 8.493+/-0.213 χ^2/NDF: 6713.2/19

Left In: 3.327+/-0.081 χ^2/NDF:8830.5/22

Left: 3.527+/-0.057 χ^2/NDF: 18043.4/47

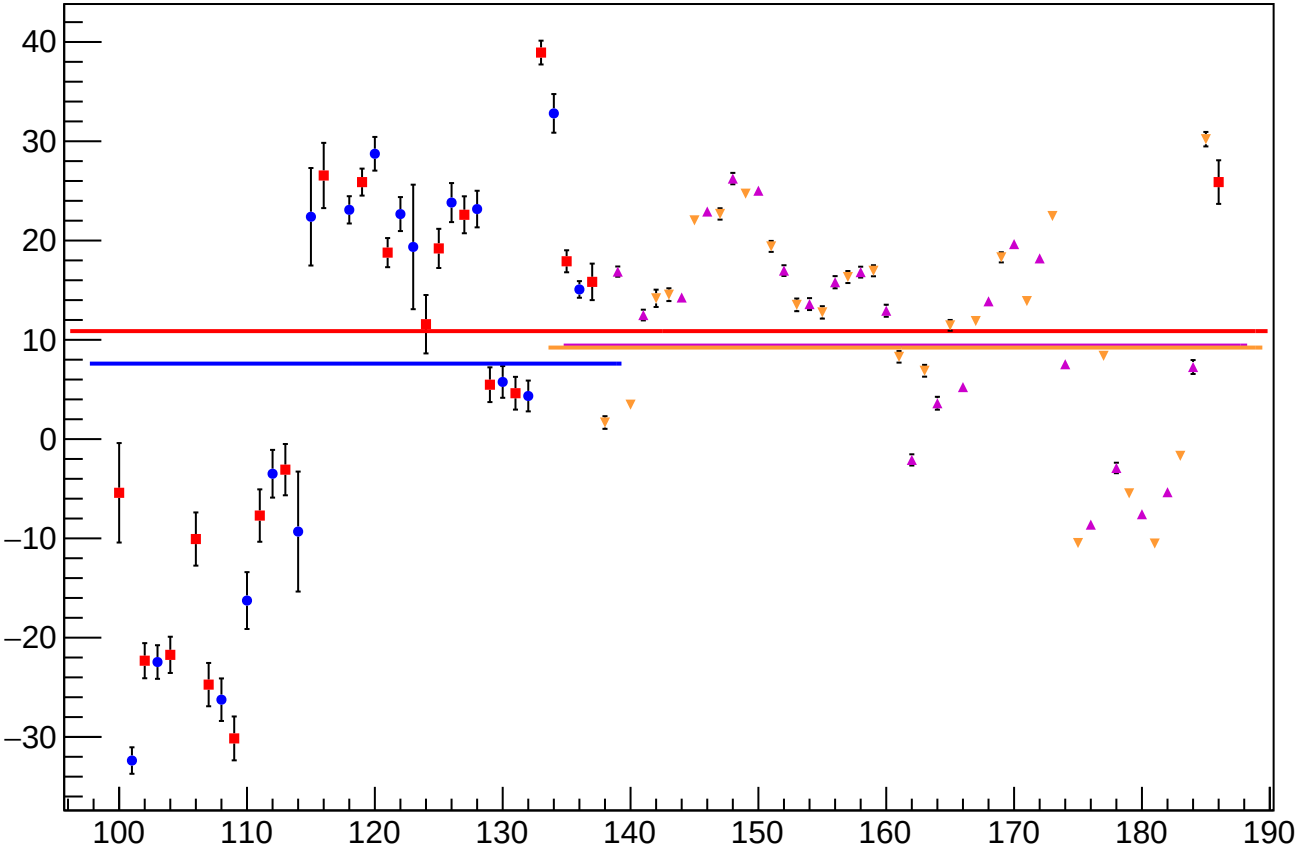
Right: 8.267+/-0.151 χ^2/NDF: 12084.9/36

In: 3.911+/-0.076 χ^2/NDF:14619.6/39

Out: 4.294+/-0.074 χ^2/NDF:16356.3/44

All: 4.107+/-0.053 χ^2/NDF: 30988.9/84

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.604+/-0.416 χ^2/NDF: 2325.0/16

Left Out: 9.220+/-0.101 χ^2/NDF:13617.0/24

Right Out: 10.877+/-0.409 χ^2/NDF: 2330.2/19

Left In: 9.420+/-0.102 χ^2/NDF:12078.1/22

Left: 9.319+/-0.072 χ^2/NDF: 25697.1/47

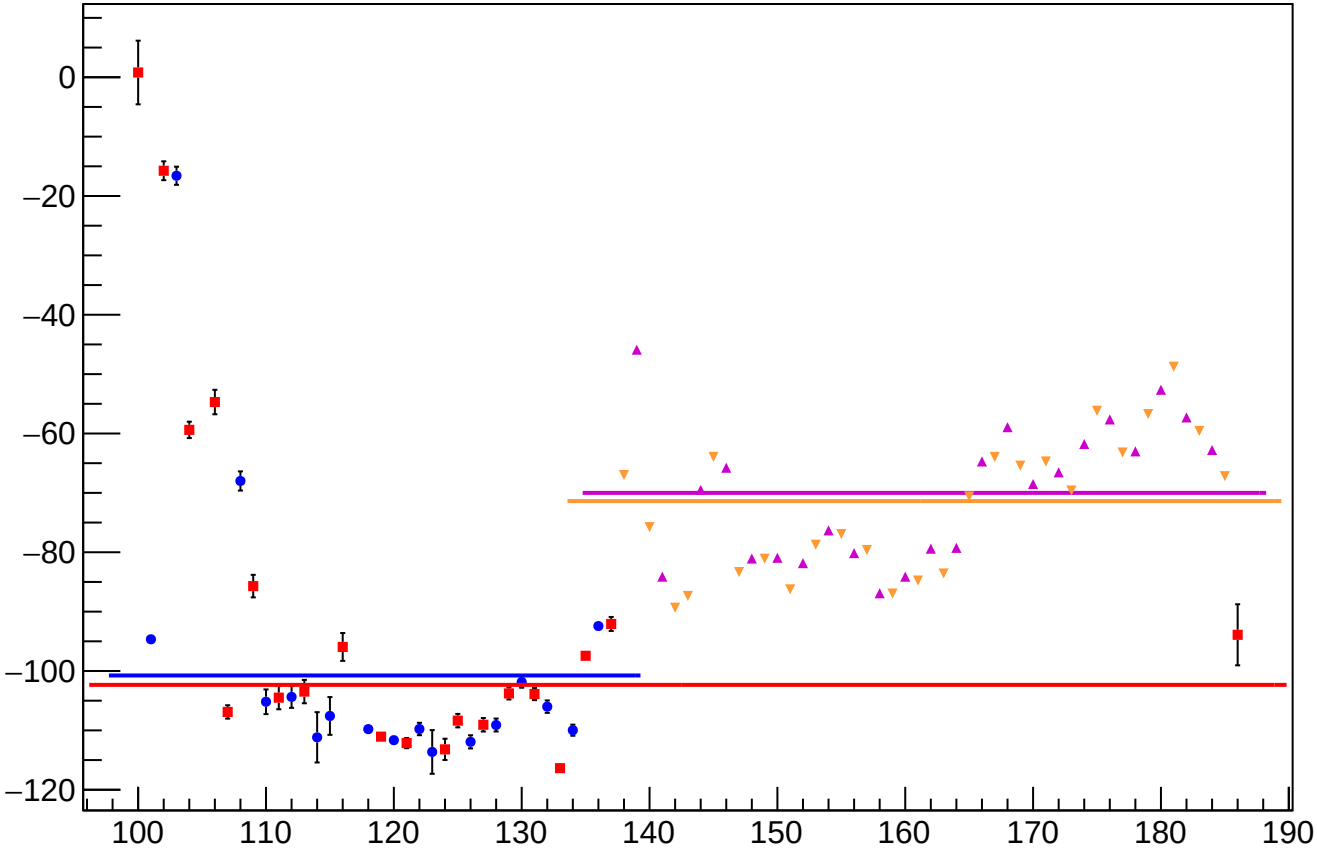
Right: 9.267+/-0.292 χ^2/NDF: 4686.7/36

In: 9.317+/-0.099 χ^2/NDF:14421.1/39

Out: 9.316+/-0.098 χ^2/NDF:15962.6/44

All: 9.316+/-0.070 χ^2/NDF: 30383.8/84

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.753+/-0.248 χ^2/NDF: 4522.6/16

Left Out: -71.379+/-0.089 χ^2/NDF:16226.2/24

Right Out: -102.335+/-0.246 χ^2/NDF: 6081.6/19

Left In: -69.999+/-0.091 χ^2/NDF:13188.0/22

Left: -70.704+/-0.064 χ^2/NDF: 29530.5/47

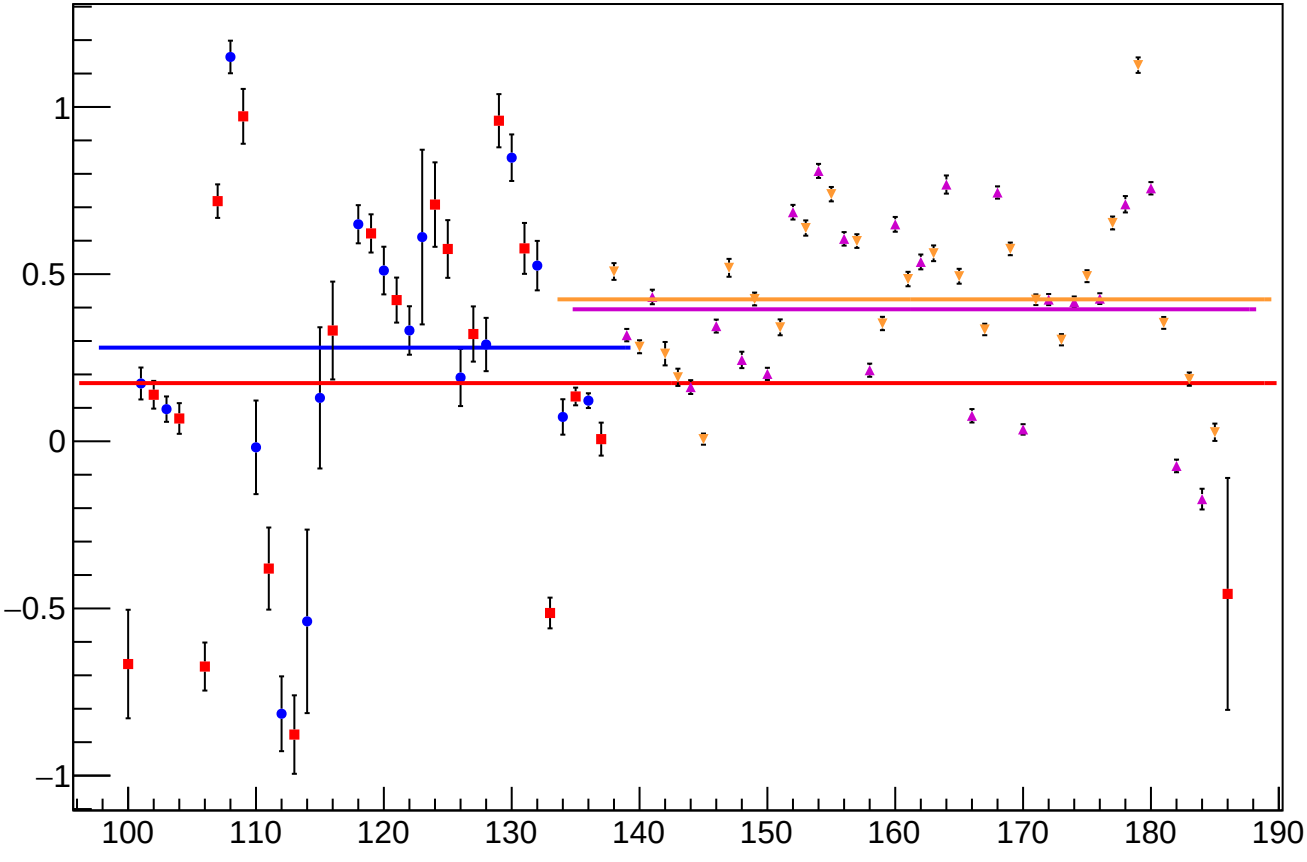
Right: -101.550+/-0.175 χ^2/NDF: 10624.7/36

In: -73.677+/-0.086 χ^2/NDF:31248.5/39

Out: -74.998+/-0.084 χ^2/NDF:36297.9/44

All: -74.350+/-0.060 χ^2/NDF: 67667.4/84

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280+/-0.013 χ^2/NDF: 656.0/16

Left Out: 0.425+/-0.004 χ^2/NDF:2866.9/24

Right Out: 0.174+/-0.013 χ^2/NDF: 970.0/19

Left In: 0.395+/-0.004 χ^2/NDF:4063.1/22

Left: 0.410+/-0.003 χ^2/NDF: 6956.2/47

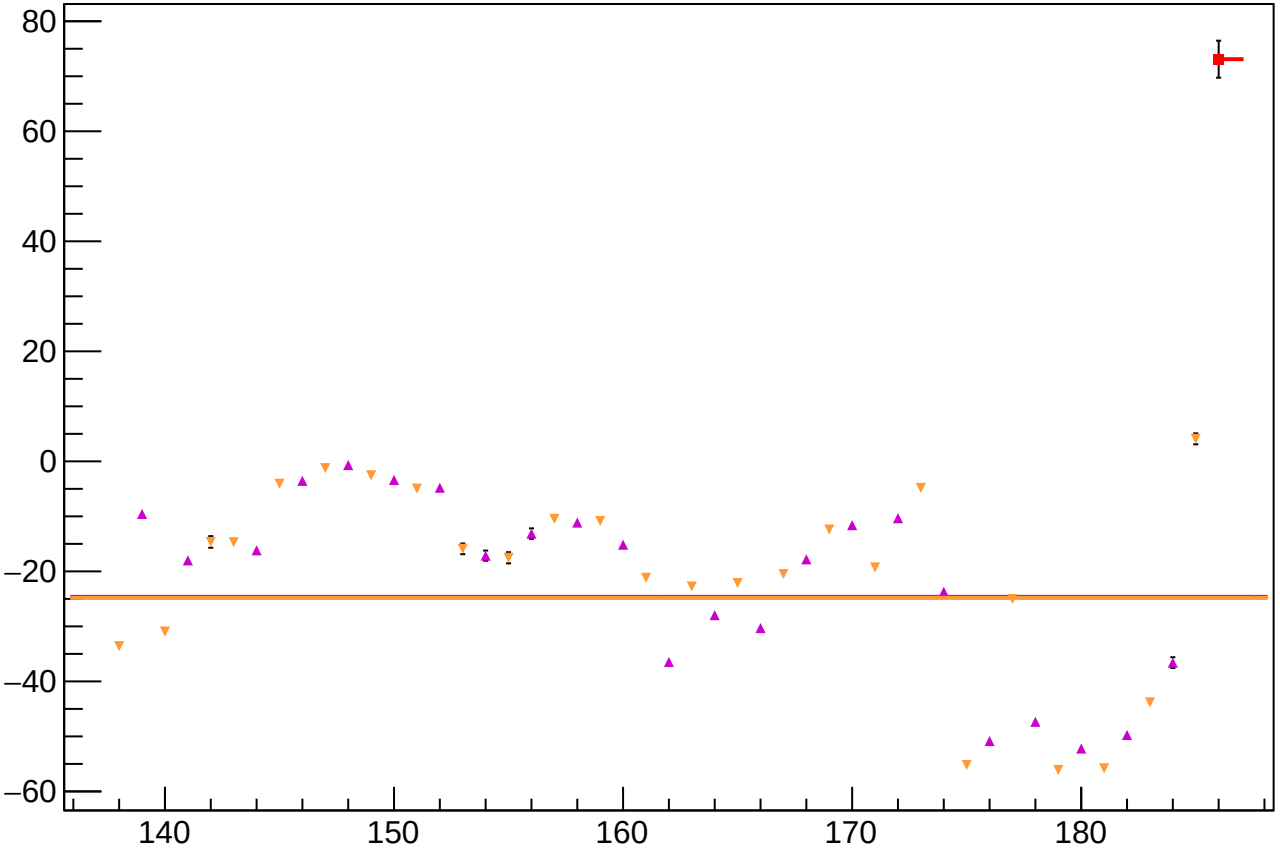
Right: 0.227+/-0.010 χ^2/NDF: 1657.1/36

In: 0.385+/-0.004 χ^2/NDF:4785.3/39

Out: 0.403+/-0.004 χ^2/NDF:4155.1/44

All: 0.394+/-0.003 χ^2/NDF: 8951.3/84

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -24.824+/-0.140 χ^2/NDF:18274.6/24

Right Out: 73.101+/-3.369 χ^2/NDF: 0.0/0

Left In: -24.635+/-0.142 χ^2/NDF:14947.9/22

Left: -24.731+/-0.100 χ^2/NDF: 33223.4/47

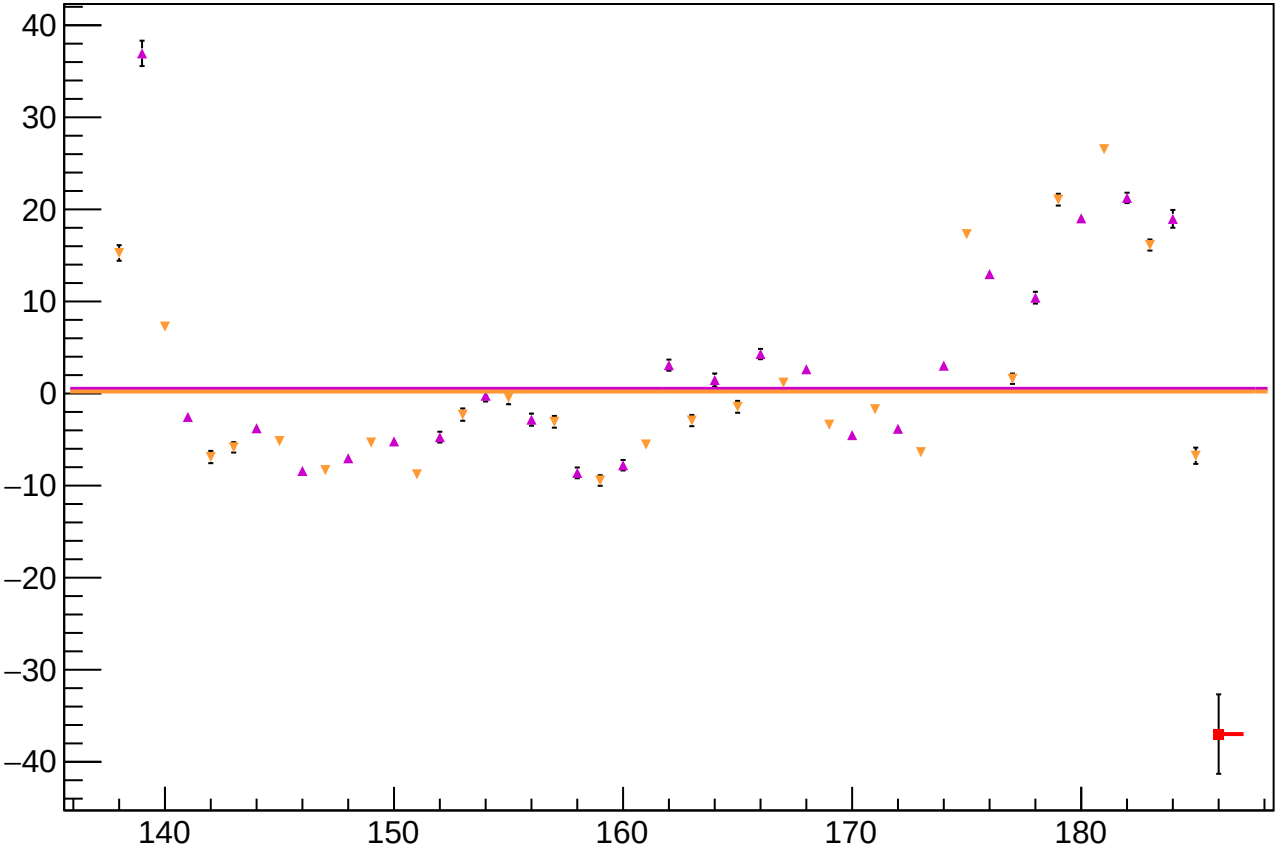
Right: 73.101+/-3.369 χ^2/NDF: 0.0/0

In: -24.635+/-0.142 χ^2/NDF:14947.9/22

Out: -24.656+/-0.140 χ^2/NDF:19118.2/25

All: -24.646+/-0.100 χ^2/NDF: 34066.0/48

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.218+/-0.109 χ^2/NDF:8252.6/24

Right Out: -36.986+/-4.315 χ^2/NDF: 0.0/0

Left In: 0.507+/-0.112 χ^2/NDF:6626.9/22

Left: 0.358+/-0.078 χ^2/NDF: 14883.0/47

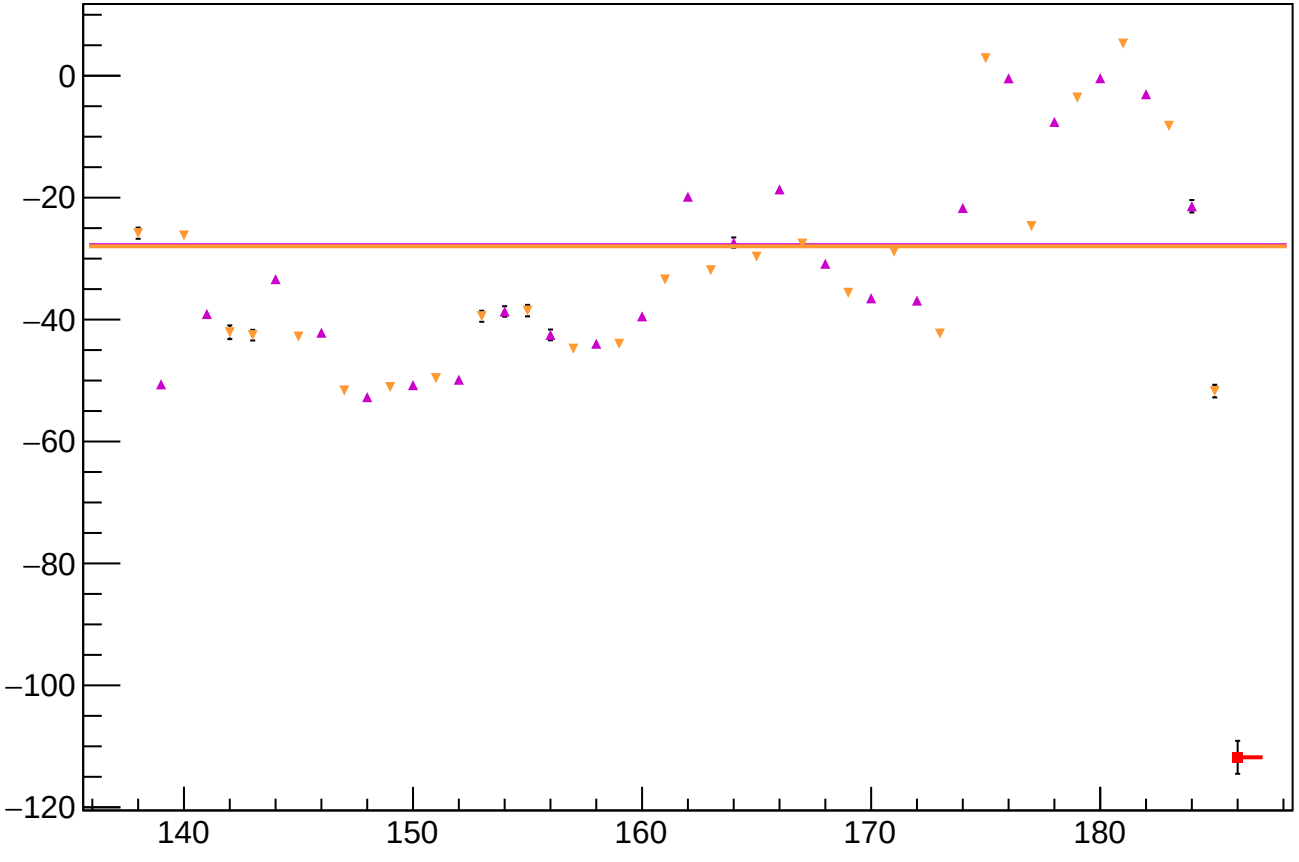
Right: -36.986+/-4.315 χ^2/NDF: 0.0/0

In: 0.507+/-0.112 χ^2/NDF:6626.9/22

Out: 0.194+/-0.109 χ^2/NDF:8326.9/25

All: 0.346+/-0.078 χ^2/NDF: 14957.8/48

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -27.977+/-0.140 χ^2/NDF:17079.0/24

Right Out: -111.801+/-2.706 χ^2/NDF: 0.0/0

Left In: -27.796+/-0.142 χ^2/NDF:15193.3/22

Left: -27.888+/-0.100 χ^2/NDF: 32273.2/47

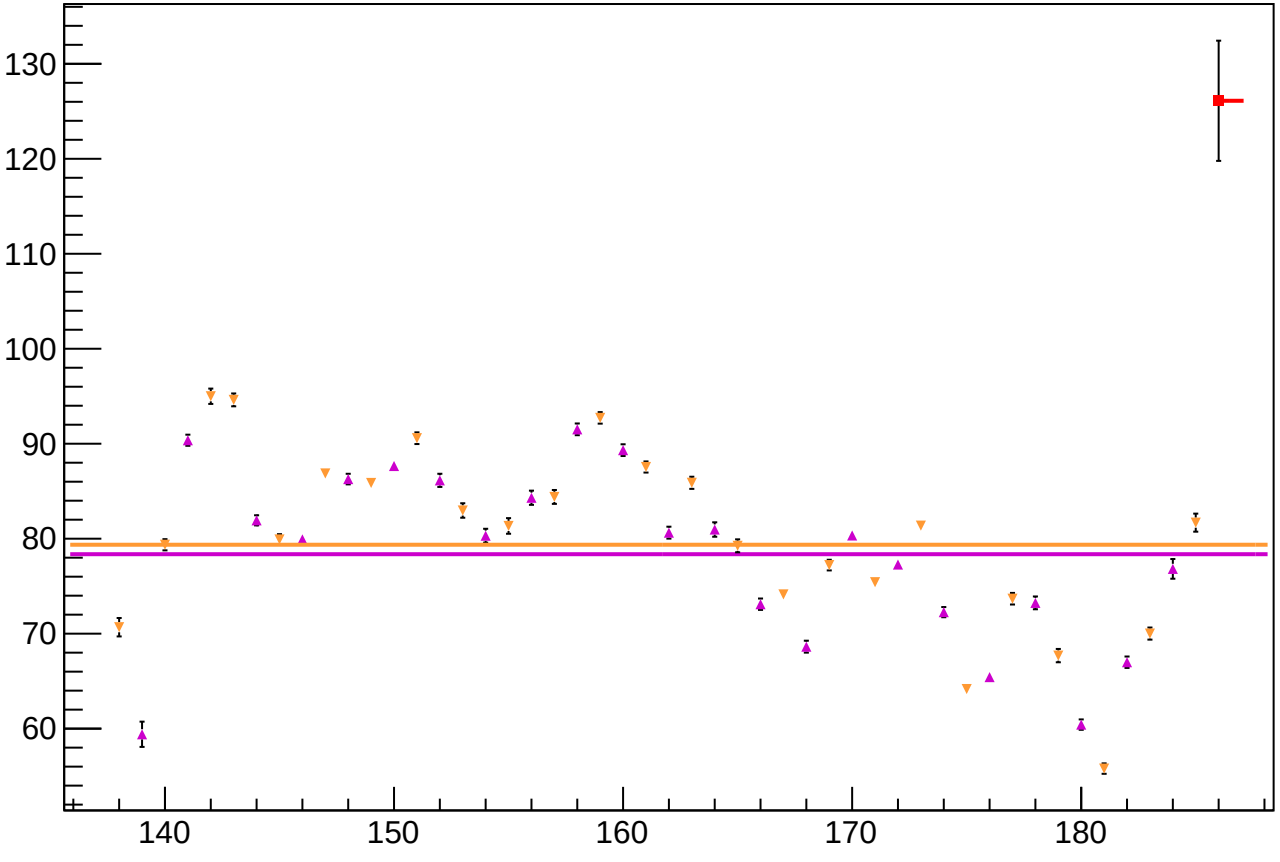
Right: -111.801+/-2.706 χ^2/NDF: 0.0/0

In: -27.796+/-0.142 χ^2/NDF:15193.3/22

Out: -28.201+/-0.140 χ^2/NDF:18036.4/25

All: -28.001+/-0.100 χ^2/NDF: 33233.8/48

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 79.364+/-0.123 χ^2/NDF:5966.3/24

Right Out: 126.108+/-6.329 χ^2/NDF: 0.0/0

Left In: 78.367+/-0.126 χ^2/NDF:4735.5/22

Left: 78.877+/-0.088 χ^2/NDF: 10733.6/47

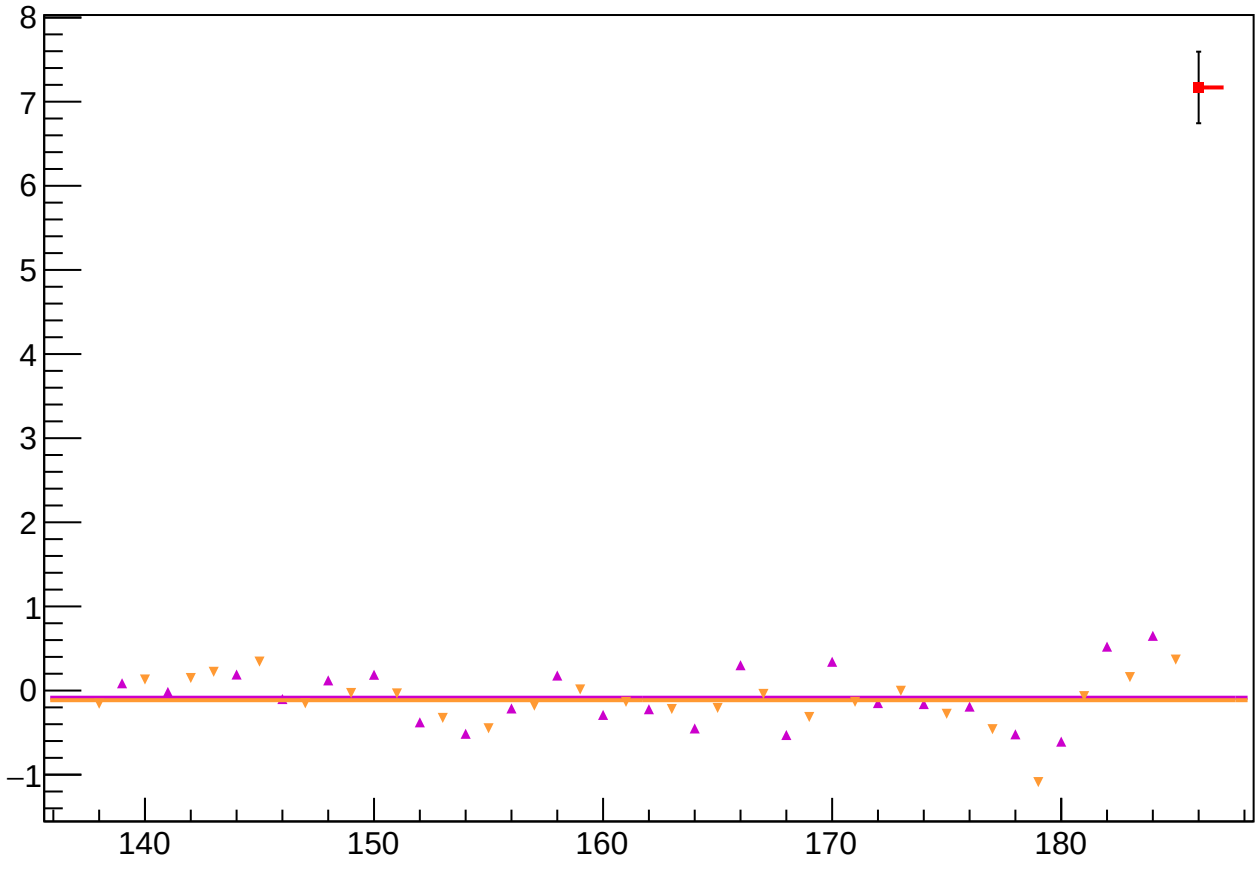
Right: 126.108+/-6.329 χ^2/NDF: 0.0/0

In: 78.367+/-0.126 χ^2/NDF:4735.5/22

Out: 79.381+/-0.123 χ^2/NDF:6020.8/25

All: 78.886+/-0.088 χ^2/NDF: 10789.3/48

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.115+/-0.006 χ^2/NDF:2288.7/24

Right Out: 7.169+/-0.425 χ^2/NDF: 0.0/0

Left In: -0.085+/-0.006 χ^2/NDF:3148.4/22

Left: -0.100+/-0.004 χ^2/NDF: 5450.5/47

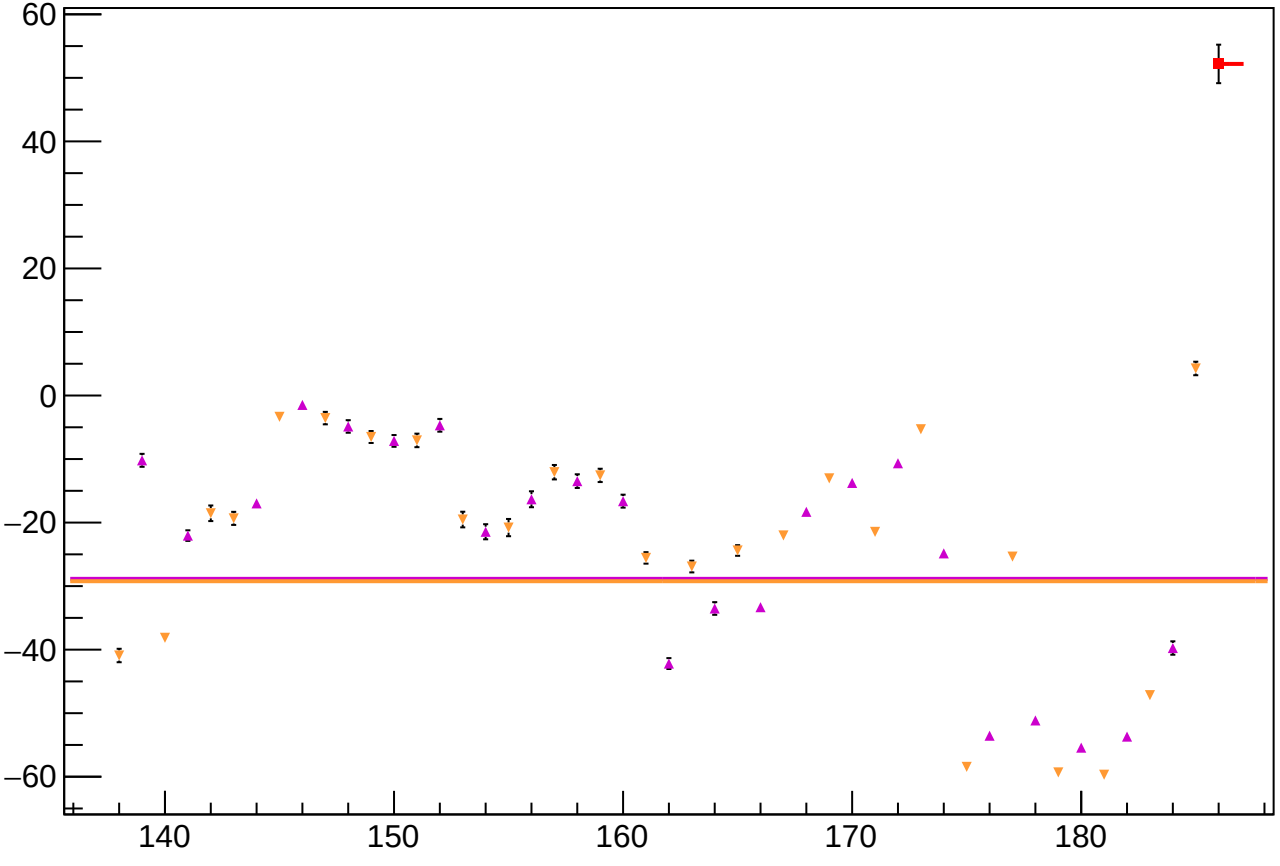
Right: 7.169+/-0.425 χ^2/NDF: 0.0/0

In: -0.085+/-0.006 χ^2/NDF:3148.4/22

Out: -0.113+/-0.006 χ^2/NDF:2581.8/25

All: -0.099+/-0.004 χ^2/NDF: 5742.5/48

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -29.227+/-0.157 χ^2/NDF:16880.0/24

Right Out: 52.193+/-3.030 χ^2/NDF: 0.0/0

Left In: -28.857+/-0.159 χ^2/NDF:13553.6/22

Left: -29.044+/-0.112 χ^2/NDF: 30436.3/47

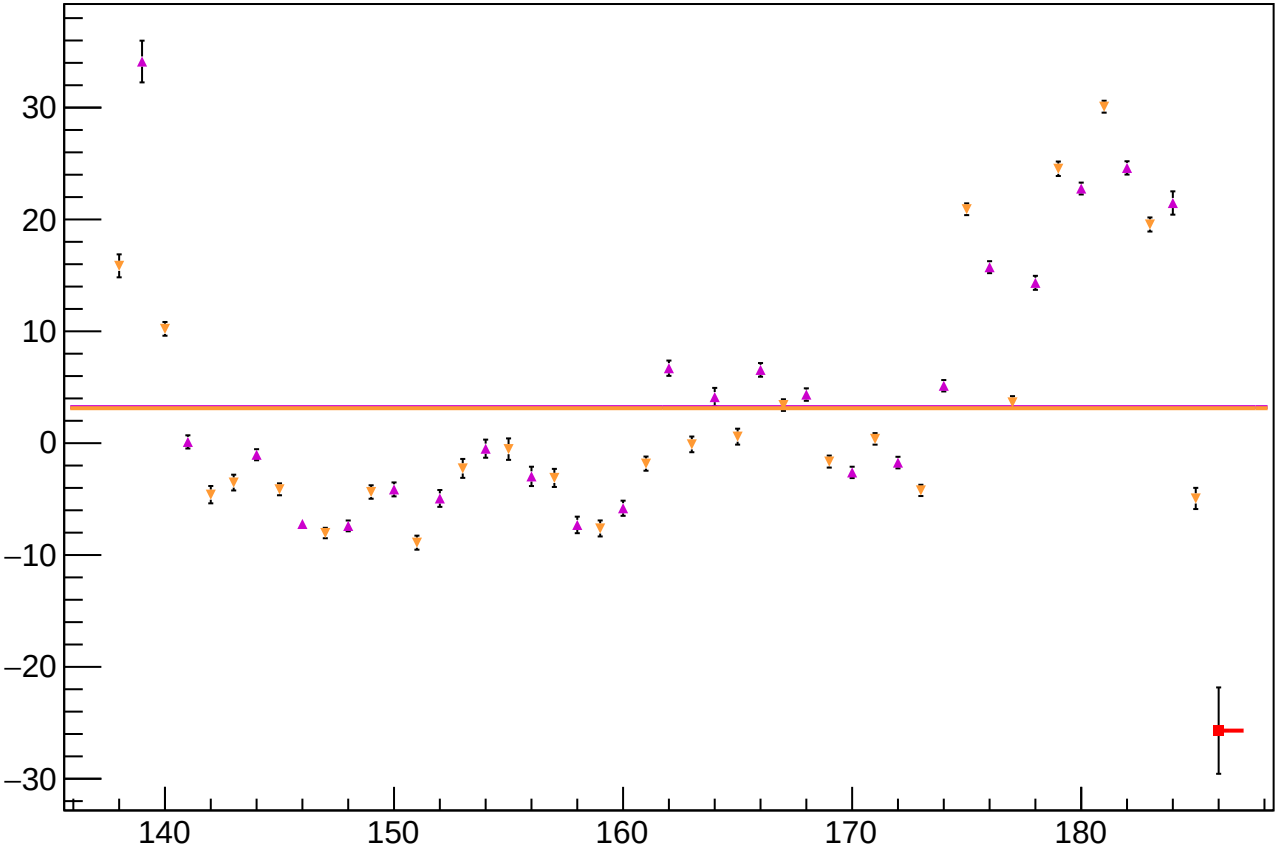
Right: 52.193+/-3.030 χ^2/NDF: 0.0/0

In: -28.857+/-0.159 χ^2/NDF:13553.6/22

Out: -29.009+/-0.157 χ^2/NDF:17600.0/25

All: -28.934+/-0.112 χ^2/NDF: 31154.1/48

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 3.126+/-0.125 χ^2/NDF:8049.0/24

Right Out: -25.698+/-3.861 χ^2/NDF: 0.0/0

Left In: 3.224+/-0.127 χ^2/NDF:6274.0/22

Left: 3.174+/-0.089 χ^2/NDF: 14323.3/47

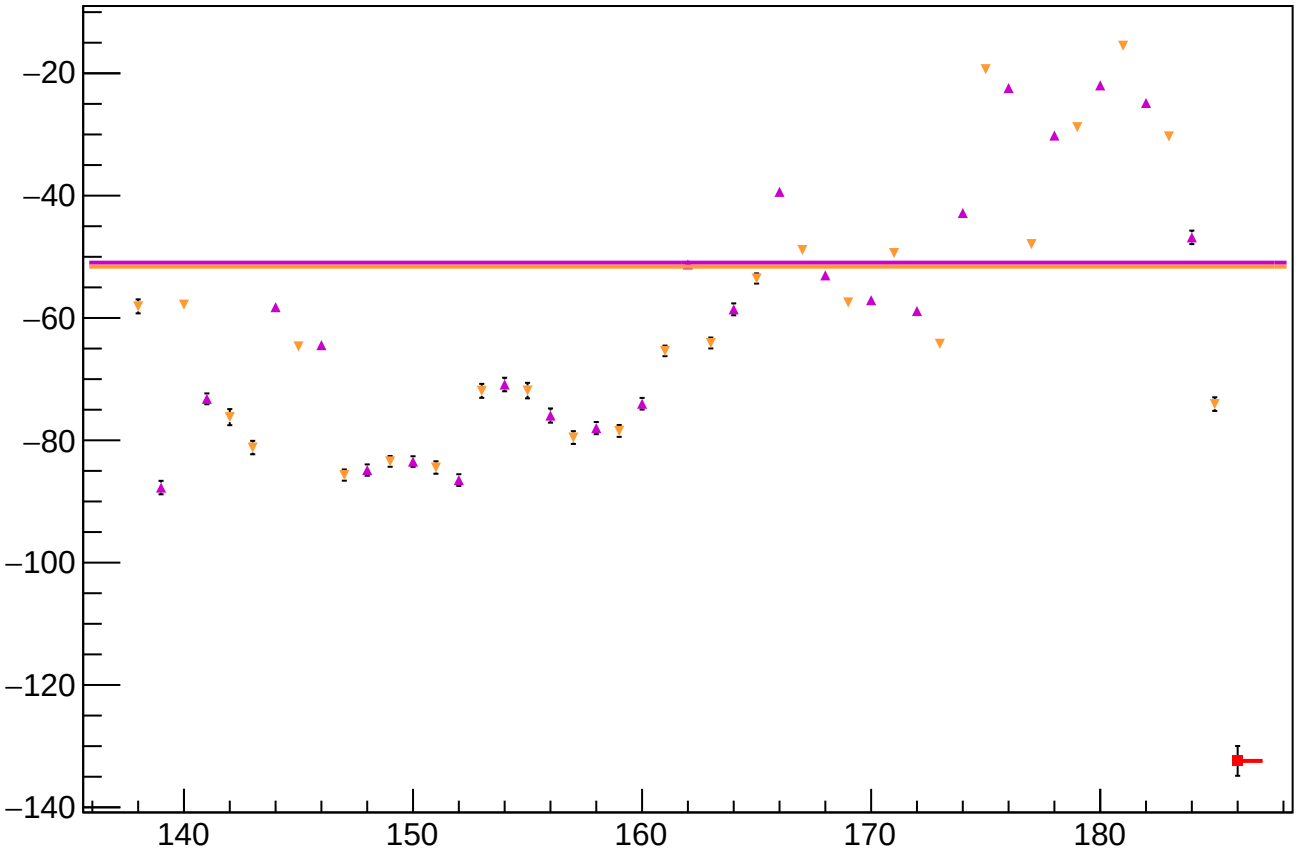
Right: -25.698+/-3.861 χ^2/NDF: 0.0/0

In: 3.224+/-0.127 χ^2/NDF:6274.0/22

Out: 3.096+/-0.125 χ^2/NDF:8104.7/25

All: 3.159+/-0.089 χ^2/NDF: 14379.2/48

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -51.610+/-0.158 χ^2/NDF:19384.9/24

Right Out: -132.413+/-2.435 χ^2/NDF: 0.0/0

Left In: -50.954+/-0.159 χ^2/NDF:17472.2/22

Left: -51.285+/-0.112 χ^2/NDF: 36865.6/47

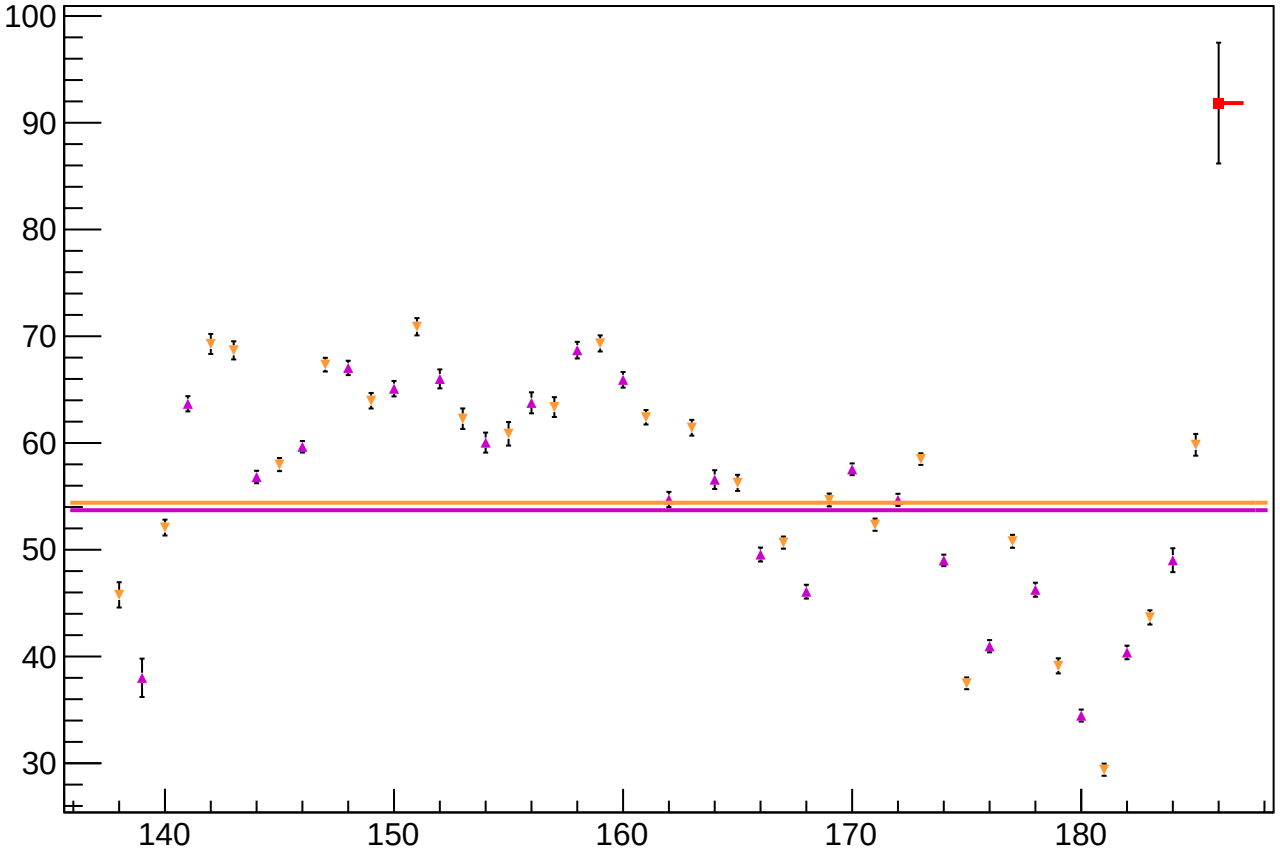
Right: -132.413+/-2.435 χ^2/NDF: 0.0/0

In: -50.954+/-0.159 χ^2/NDF:17472.2/22

Out: -51.949+/-0.158 χ^2/NDF:20481.6/25

All: -51.457+/-0.112 χ^2/NDF: 37973.5/48

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 54.407+/-0.141 χ^2/NDF:6200.4/24

Right Out: 91.843+/-5.659 χ^2/NDF: 0.0/0

Left In: 53.704+/-0.143 χ^2/NDF:4603.5/22

Left: 54.060+/-0.100 χ^2/NDF: 10816.3/47

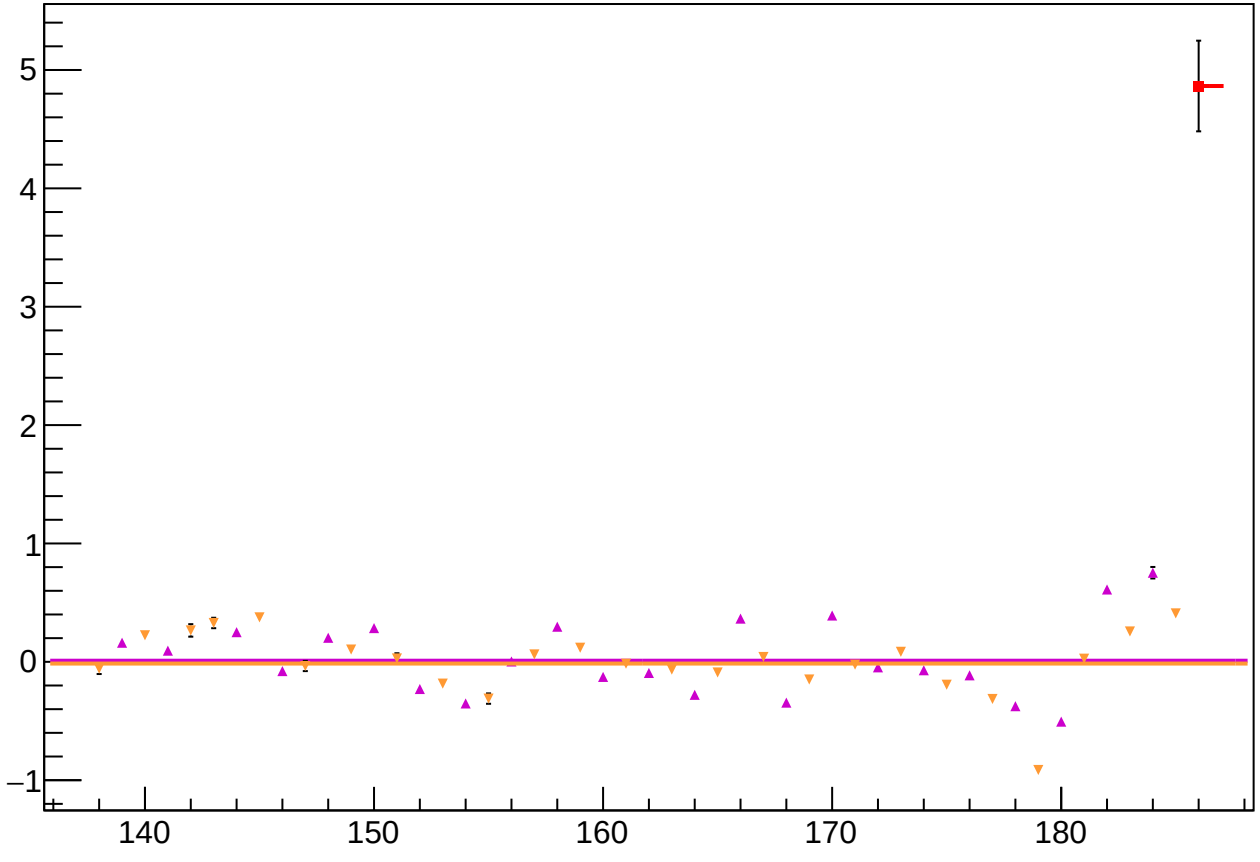
Right: 91.843+/-5.659 χ^2/NDF: 0.0/0

In: 53.704+/-0.143 χ^2/NDF:4603.5/22

Out: 54.430+/-0.140 χ^2/NDF:6244.2/25

All: 54.072+/-0.100 χ^2/NDF: 10860.8/48

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.015+/-0.006 χ^2/NDF:1645.9/24

Right Out: 4.865+/-0.383 χ^2/NDF: 0.0/0

Left In: 0.009+/-0.007 χ^2/NDF:2228.9/22

Left: -0.003+/-0.005 χ^2/NDF: 3881.7/47

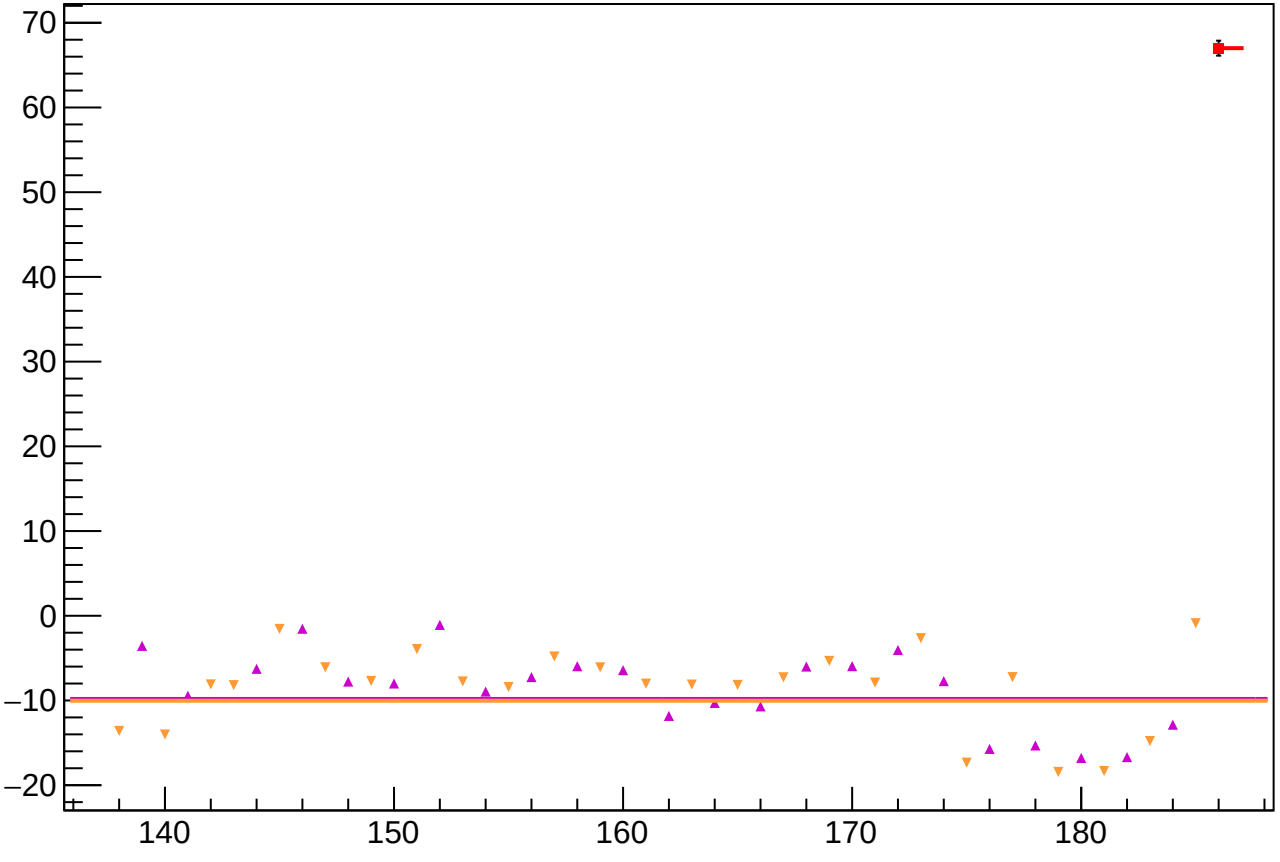
Right: 4.865+/-0.383 χ^2/NDF: 0.0/0

In: 0.009+/-0.007 χ^2/NDF:2228.9/22

Out: -0.013+/-0.006 χ^2/NDF:1808.1/25

All: -0.002+/-0.005 χ^2/NDF: 4043.2/48

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -10.030+/-0.051 χ^2/NDF:12530.2/24

Right Out: 67.003+/-0.885 χ^2/NDF: 0.0/0

Left In: -9.820+/-0.051 χ^2/NDF:9468.8/22

Left: -9.926+/-0.036 χ^2/NDF: 22007.5/47

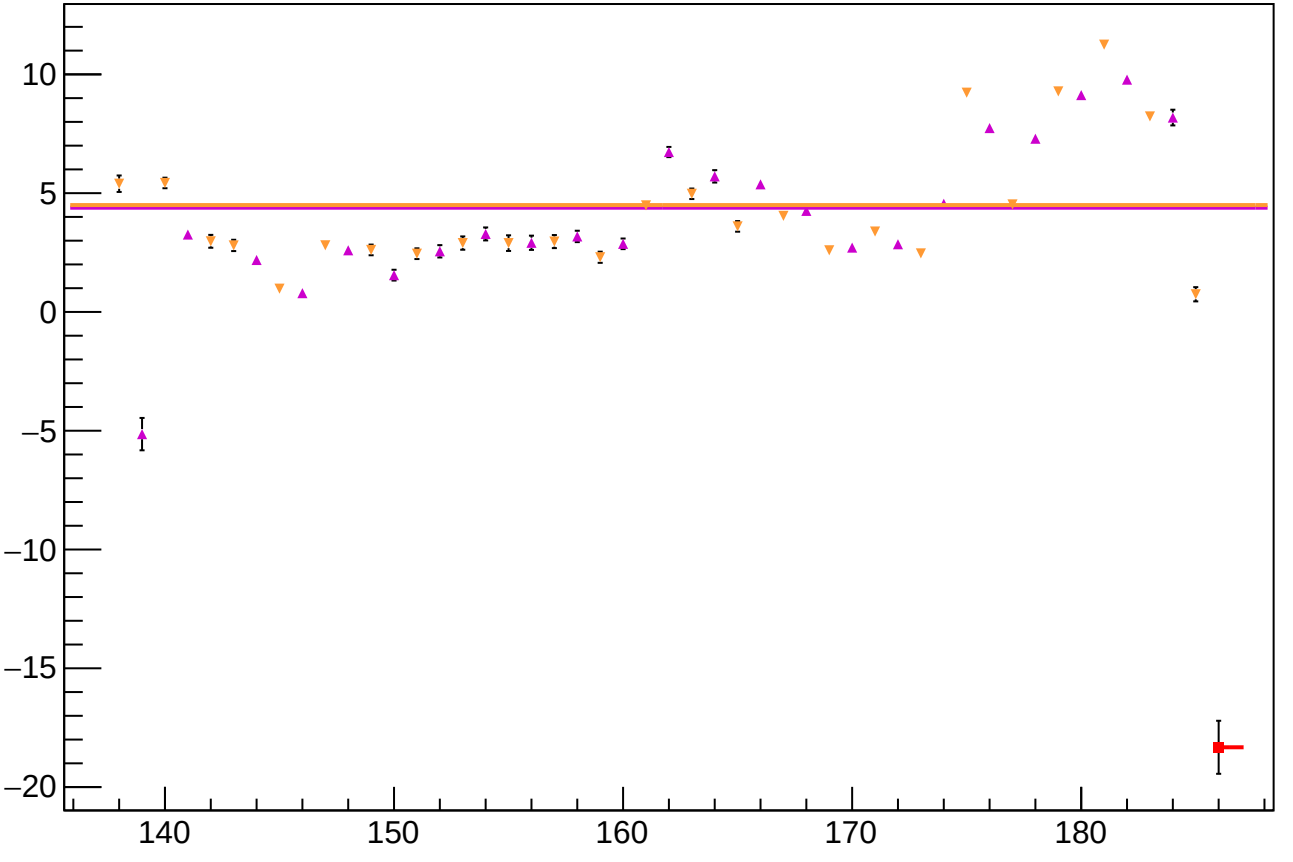
Right: 67.003+/-0.885 χ^2/NDF: 0.0/0

In: -9.820+/-0.051 χ^2/NDF:9468.8/22

Out: -9.777+/-0.051 χ^2/NDF:20084.4/25

All: -9.798+/-0.036 χ^2/NDF: 29553.6/48

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 4.499+/-0.041 χ^2/NDF:4809.3/24

Right Out: -18.325+/-1.116 χ^2/NDF: 0.0/0

Left In: 4.388+/-0.041 χ^2/NDF:4266.4/22

Left: 4.444+/-0.029 χ^2/NDF: 9079.4/47

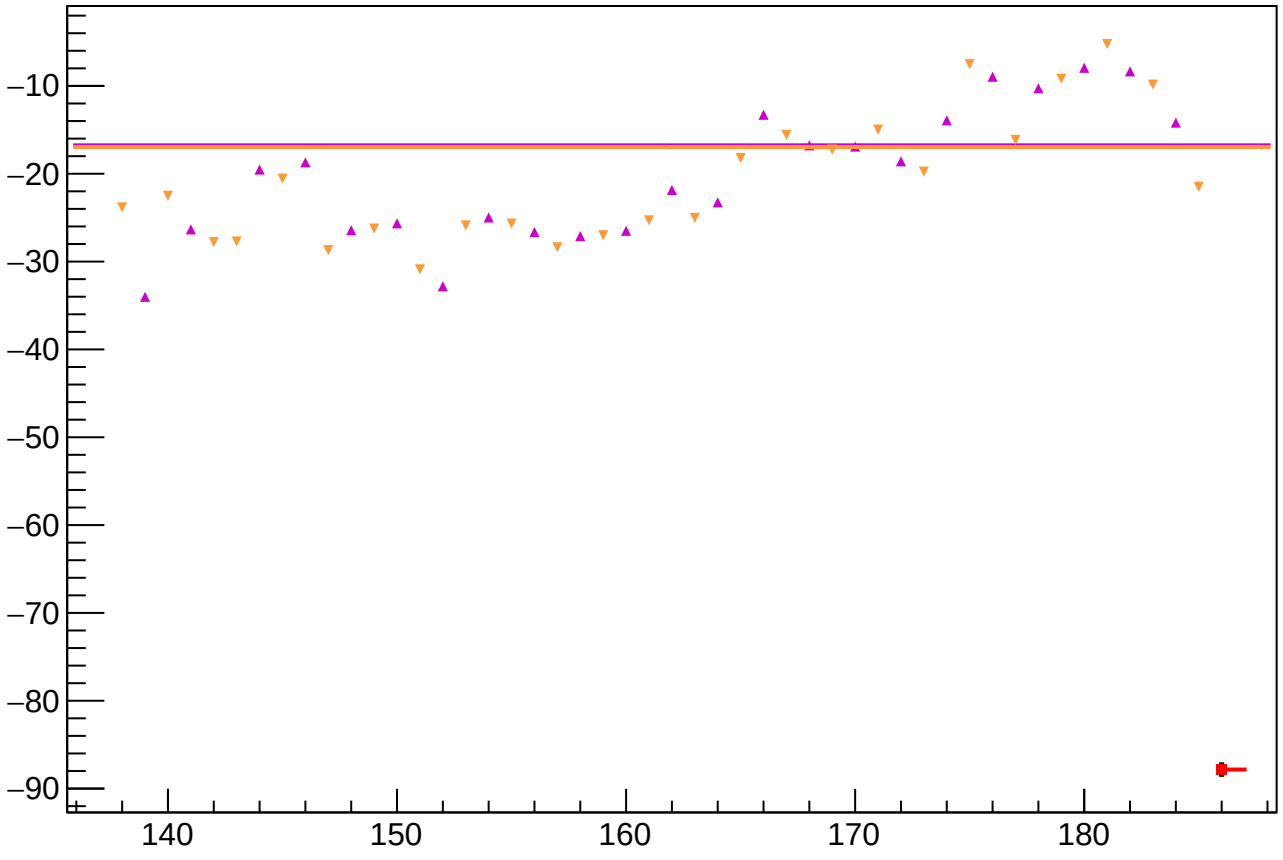
Right: -18.325+/-1.116 χ^2/NDF: 0.0/0

In: 4.388+/-0.041 χ^2/NDF:4266.4/22

Out: 4.468+/-0.041 χ^2/NDF:5226.9/25

All: 4.428+/-0.029 χ^2/NDF: 9495.3/48

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -16.965+/-0.051 χ^2/NDF:21902.1/24

Right Out: -87.833+/-0.711 χ^2/NDF: 0.0/0

Left In: -16.764+/-0.051 χ^2/NDF:19037.7/22

Left: -16.865+/-0.036 χ^2/NDF: 40947.4/47

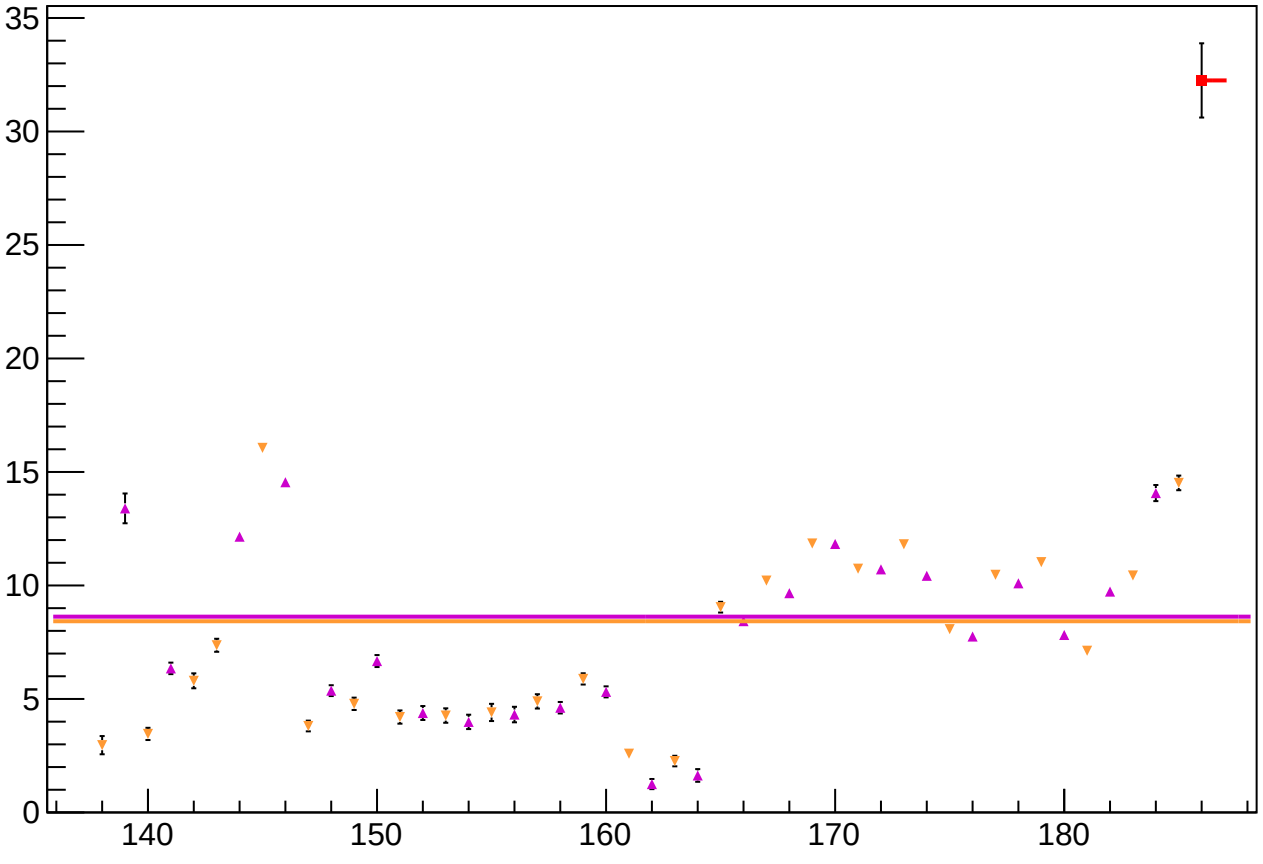
Right: -87.833+/-0.711 χ^2/NDF: 0.0/0

In: -16.764+/-0.051 χ^2/NDF:19037.7/22

Out: -17.330+/-0.051 χ^2/NDF:31788.0/25

All: -17.049+/-0.036 χ^2/NDF: 50886.8/48

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 8.424+/-0.046 χ^2/NDF:6478.6/24

Right Out: 32.250+/-1.635 χ^2/NDF: 0.0/0

Left In: 8.626+/-0.046 χ^2/NDF:5531.9/22

Left: 8.524+/-0.032 χ^2/NDF: 12020.2/47

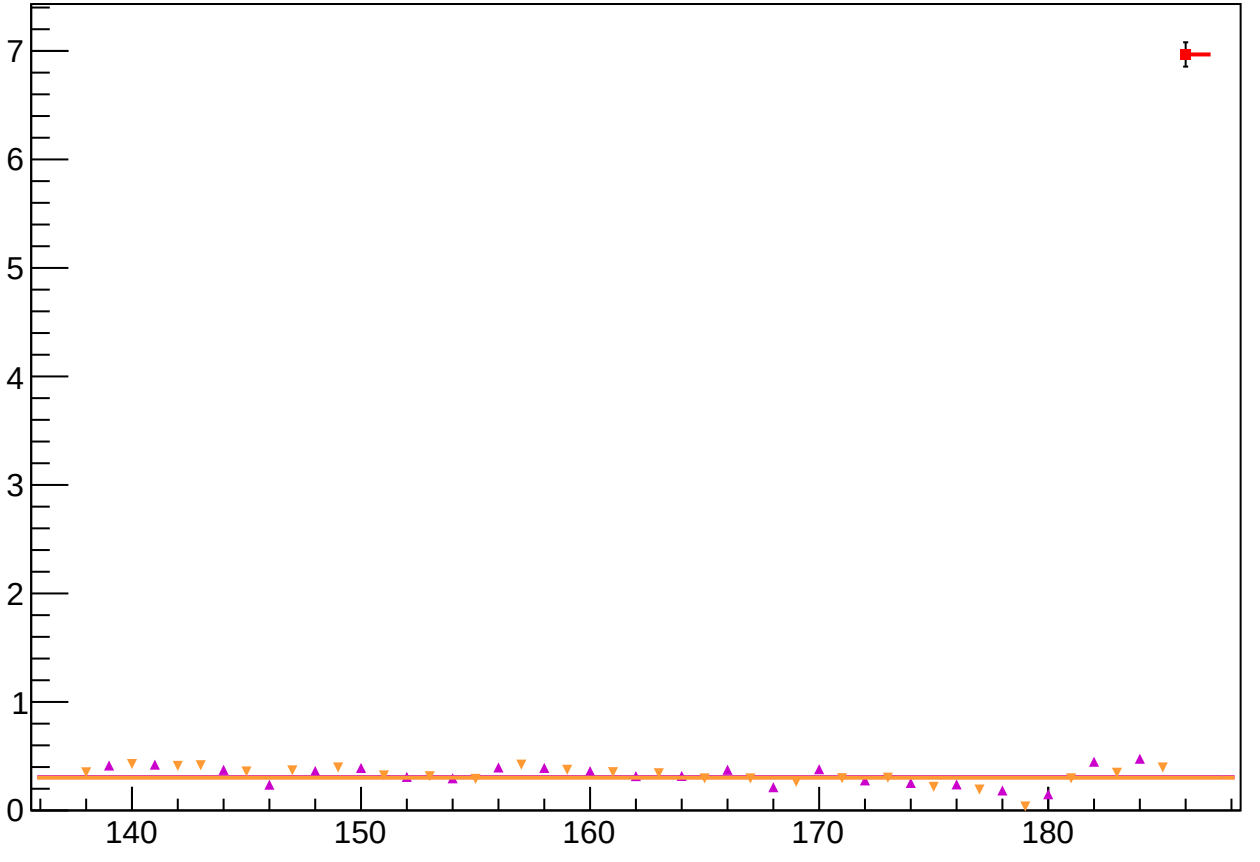
Right: 32.250+/-1.635 χ^2/NDF: 0.0/0

In: 8.626+/-0.046 χ^2/NDF:5531.9/22

Out: 8.442+/-0.046 χ^2/NDF:6690.7/25

All: 8.533+/-0.032 χ^2/NDF: 12230.6/48

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.302+/-0.002 χ^2/NDF:1589.8/24

Right Out: 6.968+/-0.112 χ^2/NDF: 0.0/0

Left In: 0.307+/-0.002 χ^2/NDF:1716.8/22

Left: 0.305+/-0.001 χ^2/NDF: 3309.3/47

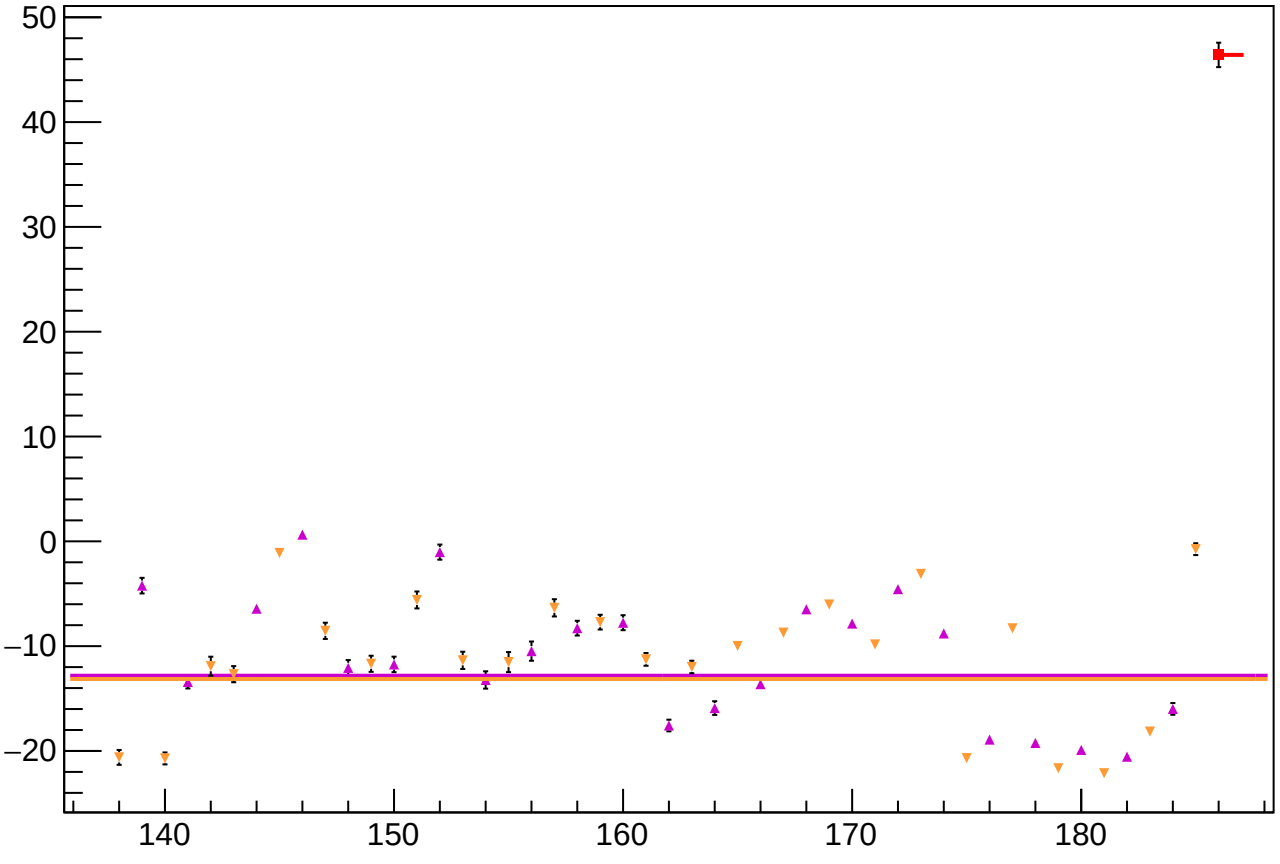
Right: 6.968+/-0.112 χ^2/NDF: 0.0/0

In: 0.307+/-0.002 χ^2/NDF:1716.8/22

Out: 0.305+/-0.002 χ^2/NDF:5118.3/25

All: 0.306+/-0.001 χ^2/NDF: 6835.8/48

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -13.133+/-0.094 χ^2/NDF:5974.5/24

Right Out: 46.411+/-1.167 χ^2/NDF: 0.0/0

Left In: -12.823+/-0.095 χ^2/NDF:4841.5/22

Left: -12.979+/-0.067 χ^2/NDF: 10821.3/47

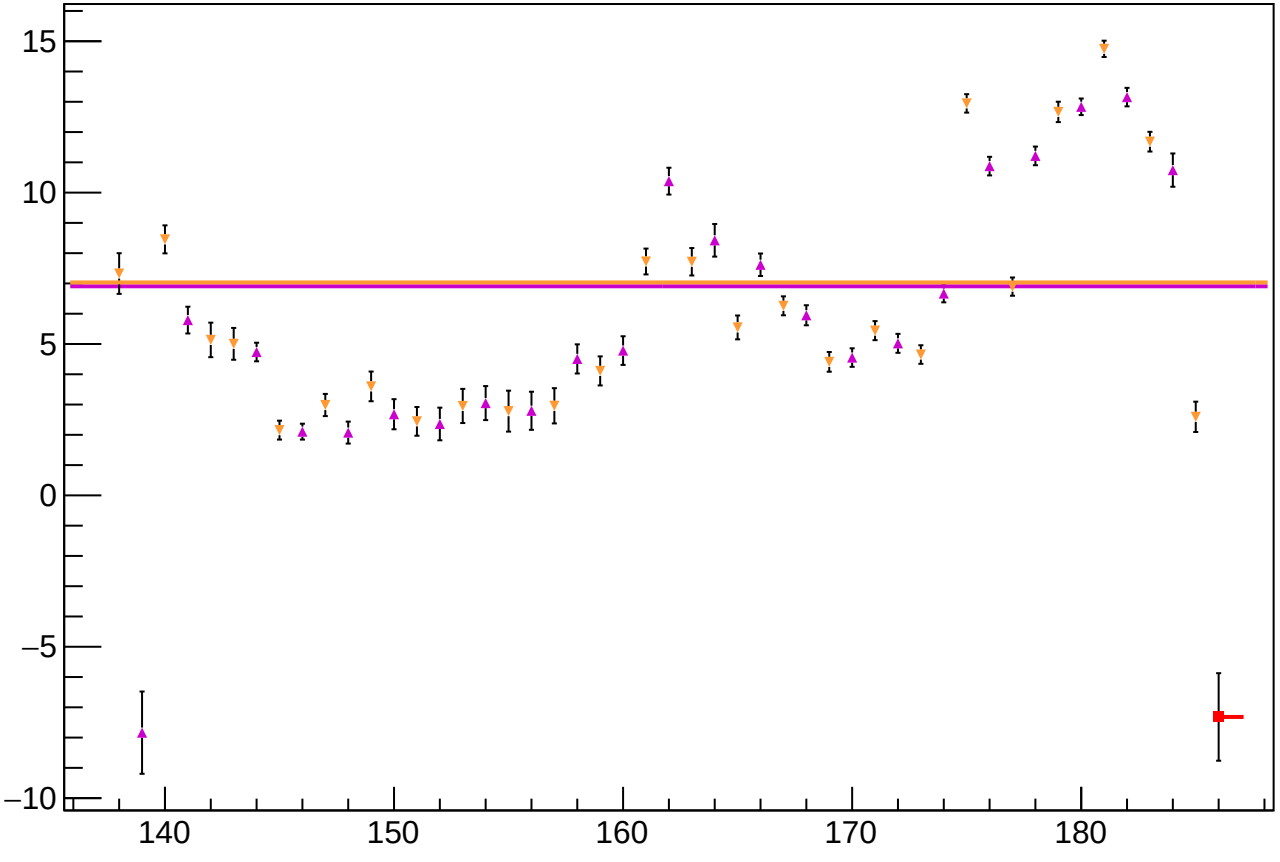
Right: 46.411+/-1.167 χ^2/NDF: 0.0/0

In: -12.823+/-0.095 χ^2/NDF:4841.5/22

Out: -12.751+/-0.093 χ^2/NDF:8563.3/25

All: -12.786+/-0.067 χ^2/NDF: 13405.1/48

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 7.034+/-0.077 χ^2/NDF:2657.5/24

Right Out: -7.318+/-1.446 χ^2/NDF: 0.0/0

Left In: 6.906+/-0.077 χ^2/NDF:2442.8/22

Left: 6.970+/-0.055 χ^2/NDF: 5101.7/47

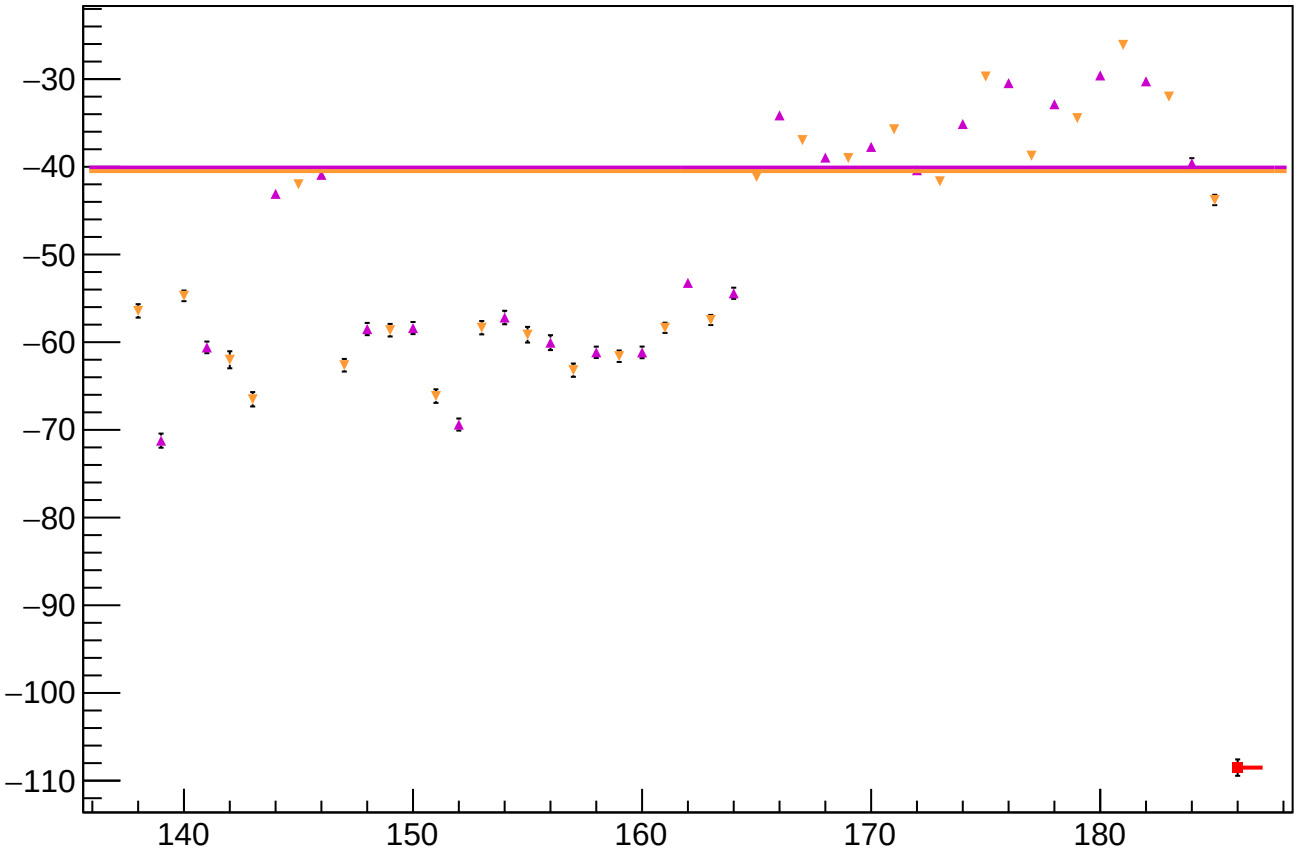
Right: -7.318+/-1.446 χ^2/NDF: 0.0/0

In: 6.906+/-0.077 χ^2/NDF:2442.8/22

Out: 6.993+/-0.077 χ^2/NDF:2755.8/25

All: 6.950+/-0.055 χ^2/NDF: 5199.3/48

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -40.492+/-0.095 χ^2/NDF:15435.0/24

Right Out: -108.510+/-0.936 χ^2/NDF: 0.0/0

Left In: -40.091+/-0.095 χ^2/NDF:14103.5/22

Left: -40.292+/-0.067 χ^2/NDF: 29547.4/47

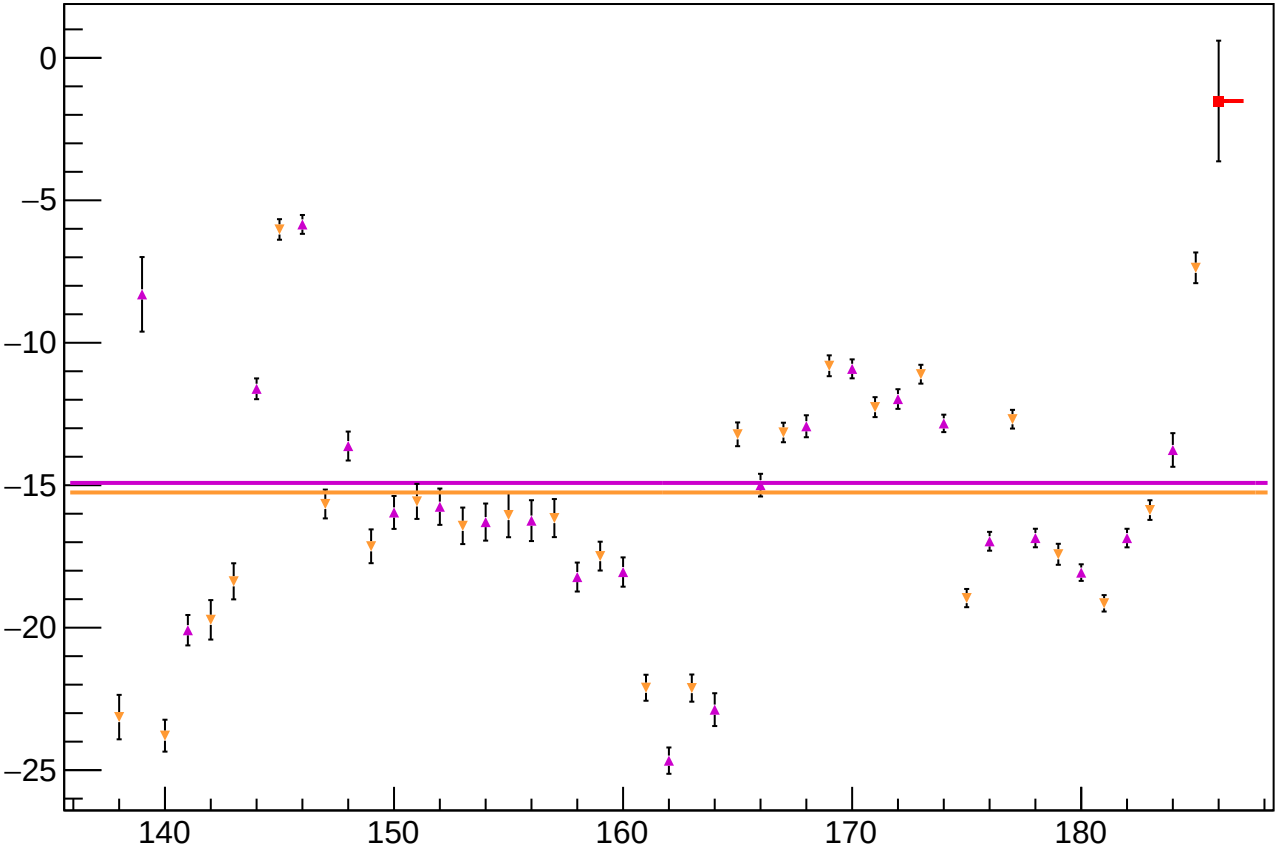
Right: -108.510+/-0.936 χ^2/NDF: 0.0/0

In: -40.091+/-0.095 χ^2/NDF:14103.5/22

Out: -41.184+/-0.094 χ^2/NDF:20666.1/25

All: -40.643+/-0.067 χ^2/NDF: 34836.1/48

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -15.254+/-0.086 χ^2/NDF:2594.4/24

Right Out: -1.514+/-2.118 χ^2/NDF: 0.0/0

Left In: -14.919+/-0.087 χ^2/NDF:2207.7/22

Left: -15.088+/-0.061 χ^2/NDF: 4809.7/47

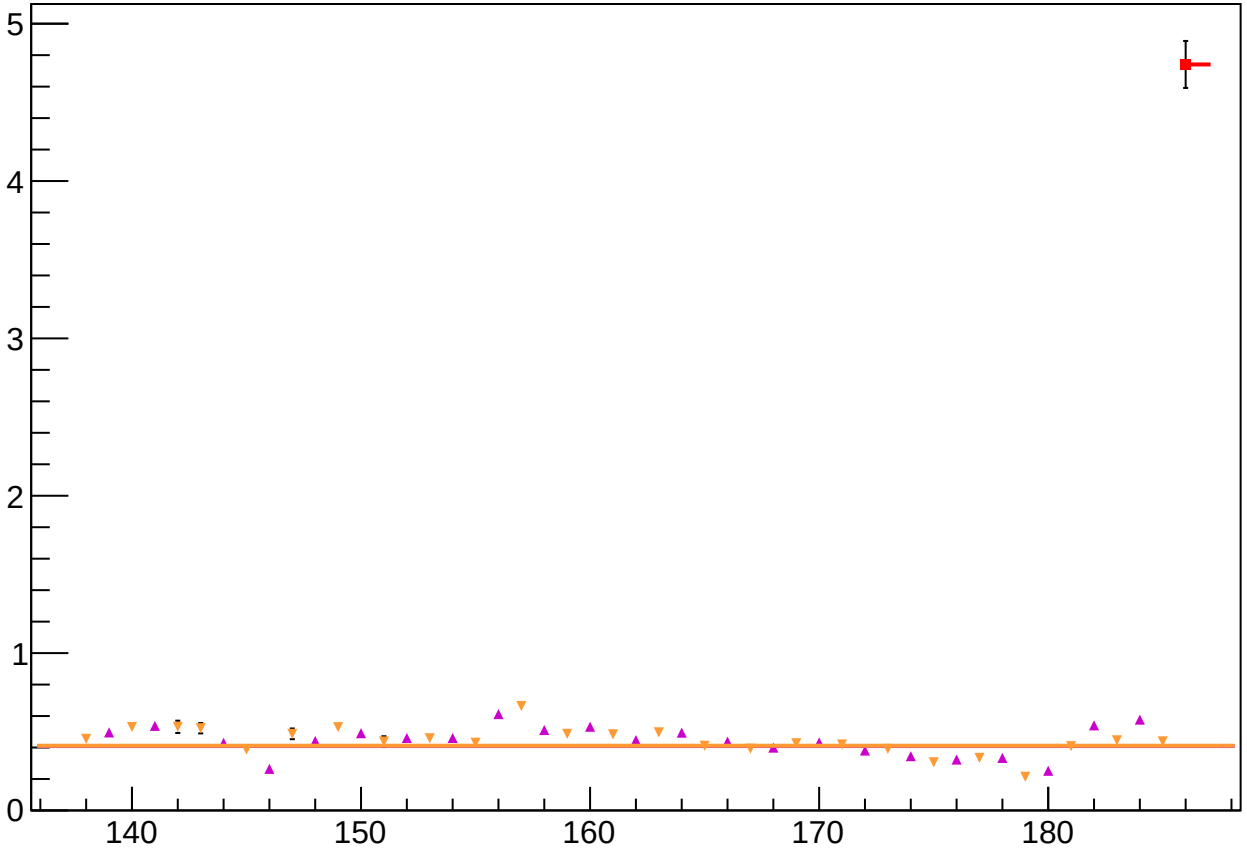
Right: -1.514+/-2.118 χ^2/NDF: 0.0/0

In: -14.919+/-0.087 χ^2/NDF:2207.7/22

Out: -15.232+/-0.086 χ^2/NDF:2636.4/25

All: -15.076+/-0.061 χ^2/NDF: 4850.7/48

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.411+/-0.004 χ^2/NDF:428.8/24

Right Out: 4.741+/-0.149 χ^2/NDF: 0.0/0

Left In: 0.409+/-0.004 χ^2/NDF:561.9/22

Left: 0.410+/-0.003 χ^2/NDF: 990.8/47

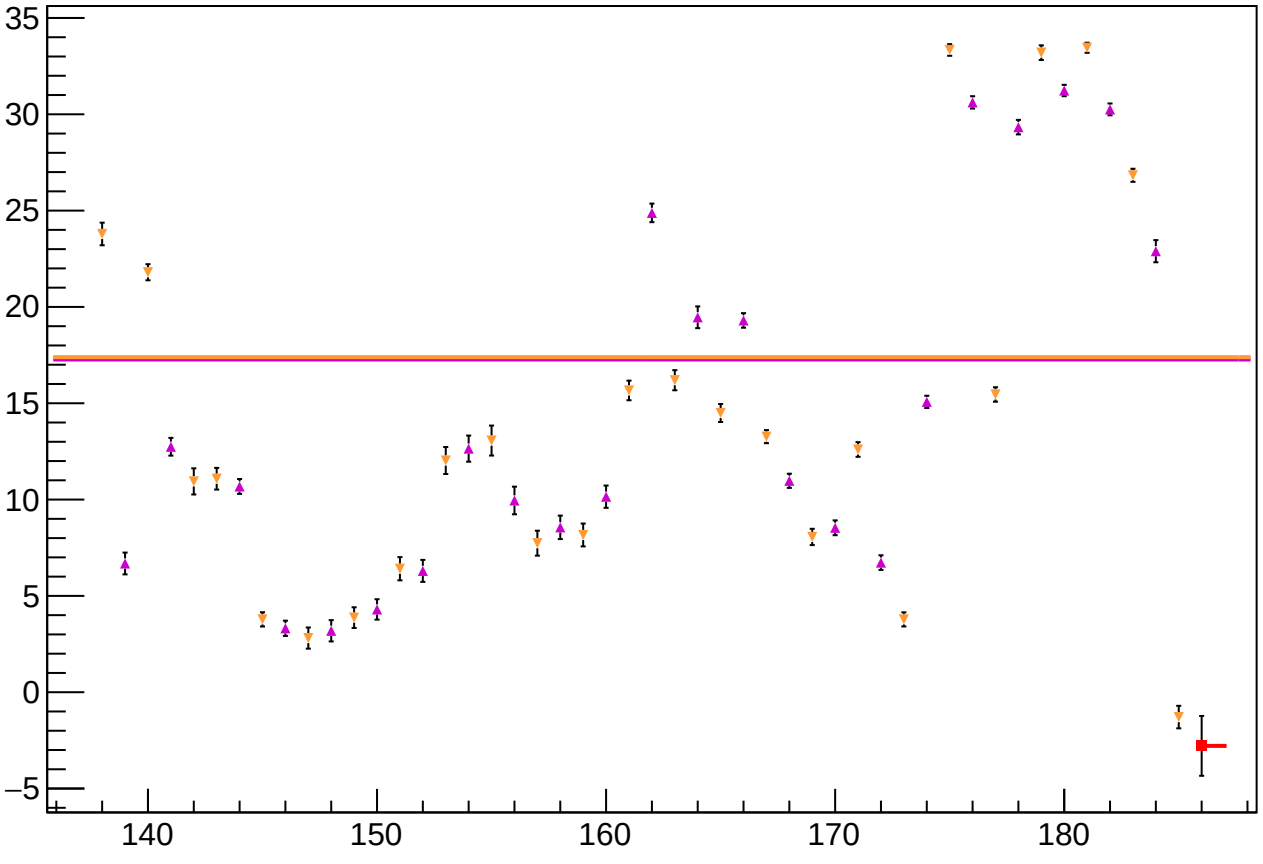
Right: 4.741+/-0.149 χ^2/NDF: 0.0/0

In: 0.409+/-0.004 χ^2/NDF:561.9/22

Out: 0.414+/-0.004 χ^2/NDF:1268.3/25

All: 0.412+/-0.003 χ^2/NDF: 1831.1/48

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 17.393+/-0.087 χ^2/NDF:16305.7/24

Right Out: -2.785+/-1.554 χ^2/NDF: 0.0/0

Left In: 17.271+/-0.088 χ^2/NDF:12892.2/22

Left: 17.333+/-0.062 χ^2/NDF: 29198.9/47

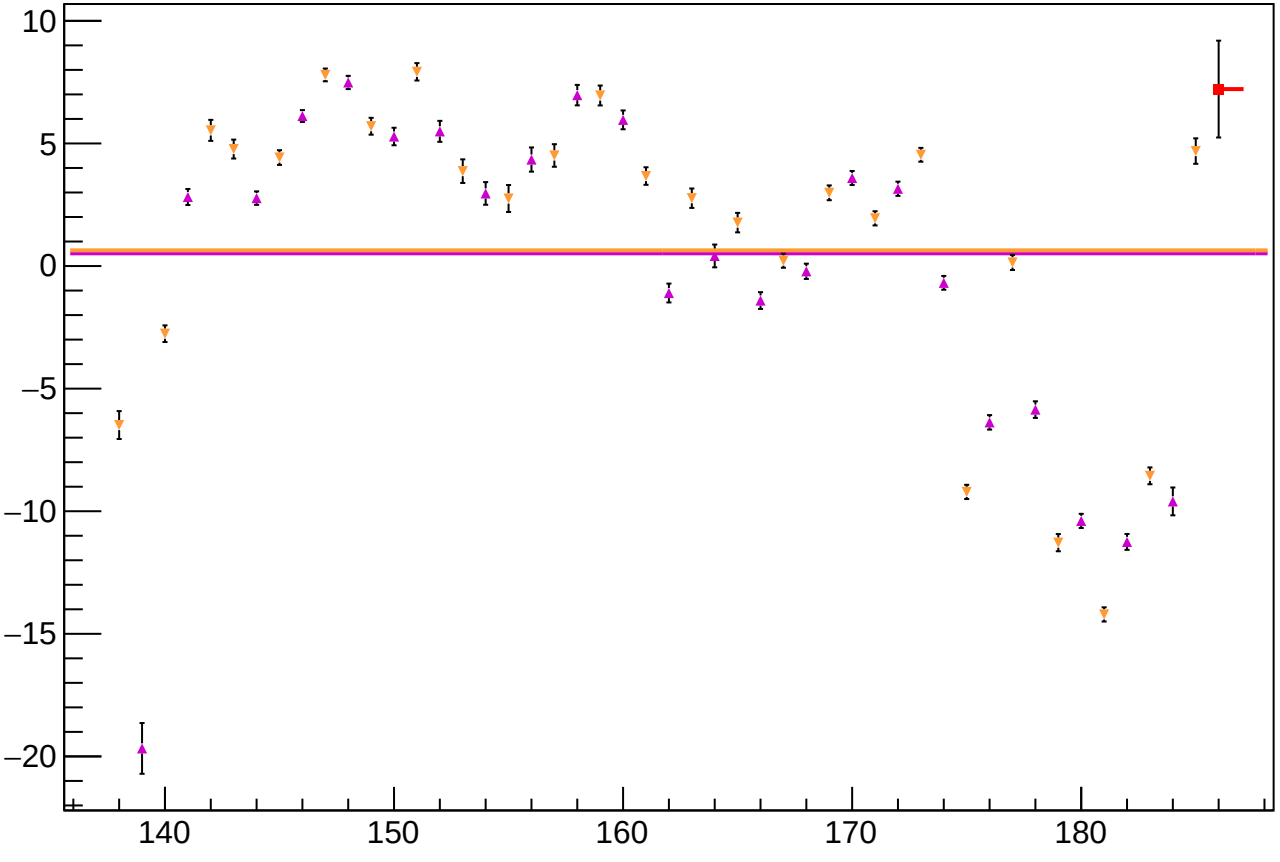
Right: -2.785+/-1.554 χ^2/NDF: 0.0/0

In: 17.271+/-0.088 χ^2/NDF:12892.2/22

Out: 17.330+/-0.087 χ^2/NDF:16473.9/25

All: 17.301+/-0.062 χ^2/NDF: 29366.3/48

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.639+/-0.070 χ^2/NDF:8514.9/24

Right Out: 7.217+/-1.975 χ^2/NDF: 0.0/0

Left In: 0.519+/-0.071 χ^2/NDF:6776.8/22

Left: 0.580+/-0.050 χ^2/NDF: 15293.1/47

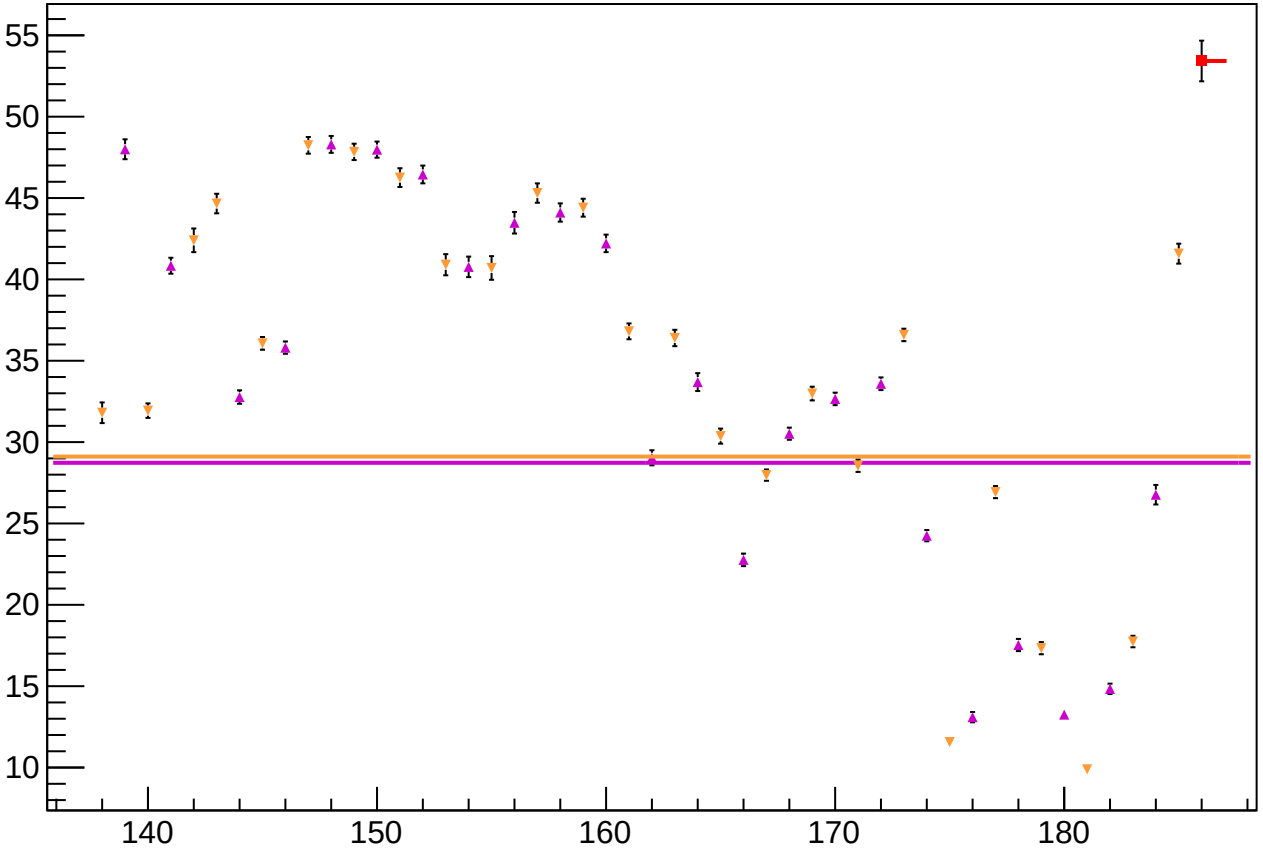
Right: 7.217+/-1.975 χ^2/NDF: 0.0/0

In: 0.519+/-0.071 χ^2/NDF:6776.8/22

Out: 0.647+/-0.069 χ^2/NDF:8525.9/25

All: 0.584+/-0.050 χ^2/NDF: 15304.4/48

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 29.110+/-0.088 χ^2/NDF:18845.8/24

Right Out: 53.423+/-1.248 χ^2/NDF: 0.0/0

Left In: 28.728+/-0.089 χ^2/NDF:17037.4/22

Left: 28.921+/-0.062 χ^2/NDF: 35892.6/47

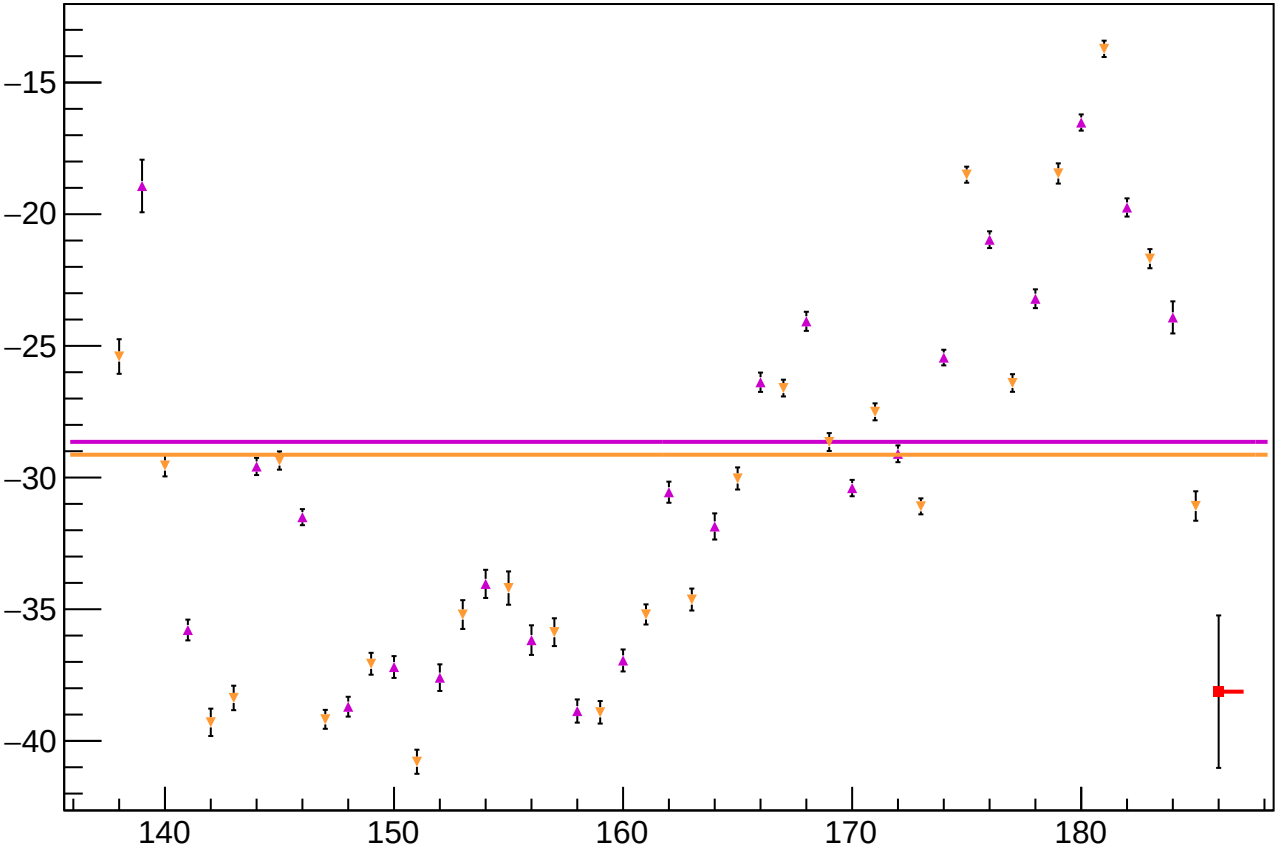
Right: 53.423+/-1.248 χ^2/NDF: 0.0/0

In: 28.728+/-0.089 χ^2/NDF:17037.4/22

Out: 29.230+/-0.088 χ^2/NDF:19223.4/25

All: 28.982+/-0.062 χ^2/NDF: 36277.0/48

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -29.134+/-0.078 χ^2/NDF:8998.0/24

Right Out: -38.130+/-2.895 χ^2/NDF: 0.0/0

Left In: -28.645+/-0.080 χ^2/NDF:6693.5/22

Left: -28.893+/-0.056 χ^2/NDF: 15710.7/47

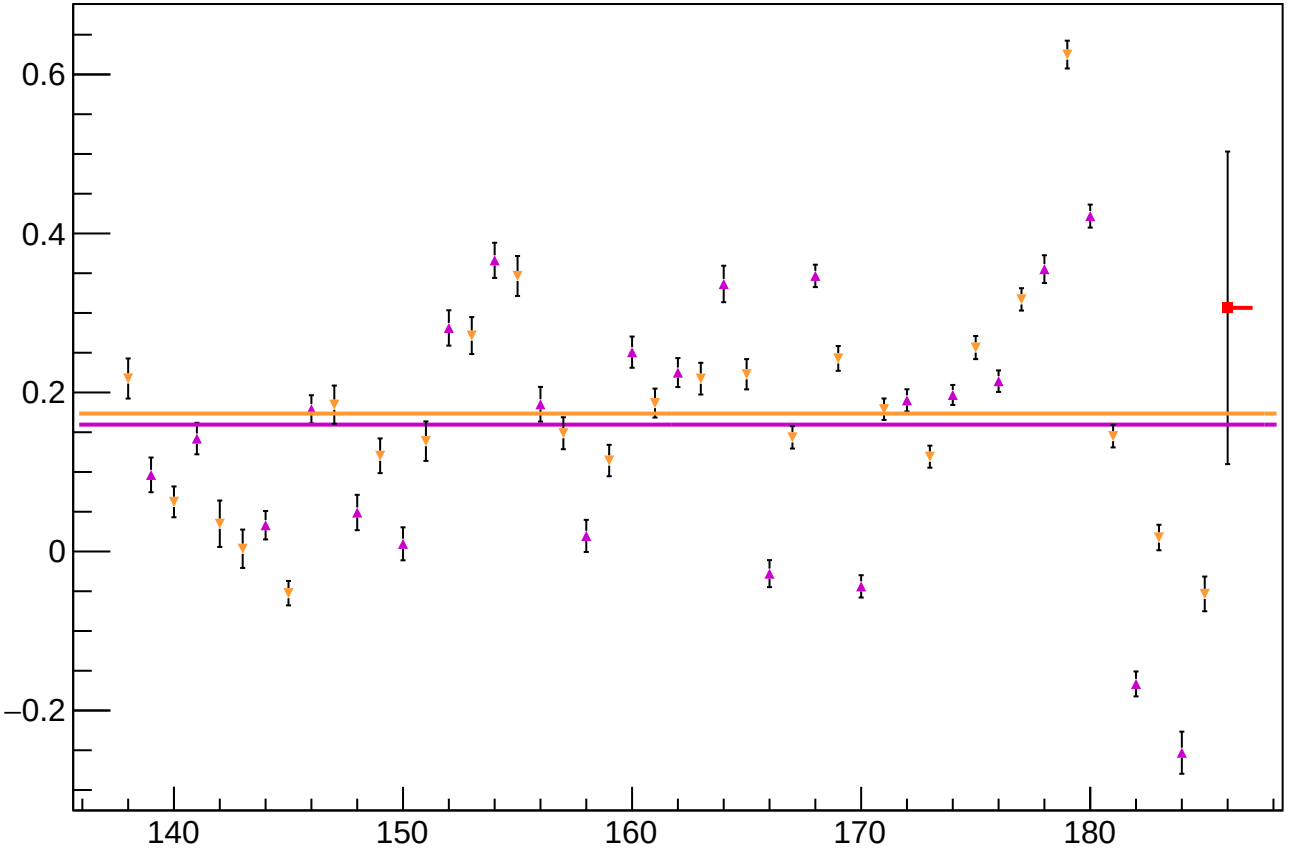
Right: -38.130+/-2.895 χ^2/NDF: 0.0/0

In: -28.645+/-0.080 χ^2/NDF:6693.5/22

Out: -29.140+/-0.078 χ^2/NDF:9007.7/25

All: -28.896+/-0.056 χ^2/NDF: 15720.9/48

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.173+/-0.004 χ^2/NDF:1468.8/24

Right Out: 0.306+/-0.197 χ^2/NDF: 0.0/0

Left In: 0.160+/-0.004 χ^2/NDF:2063.7/22

Left: 0.167+/-0.003 χ^2/NDF: 3539.9/47

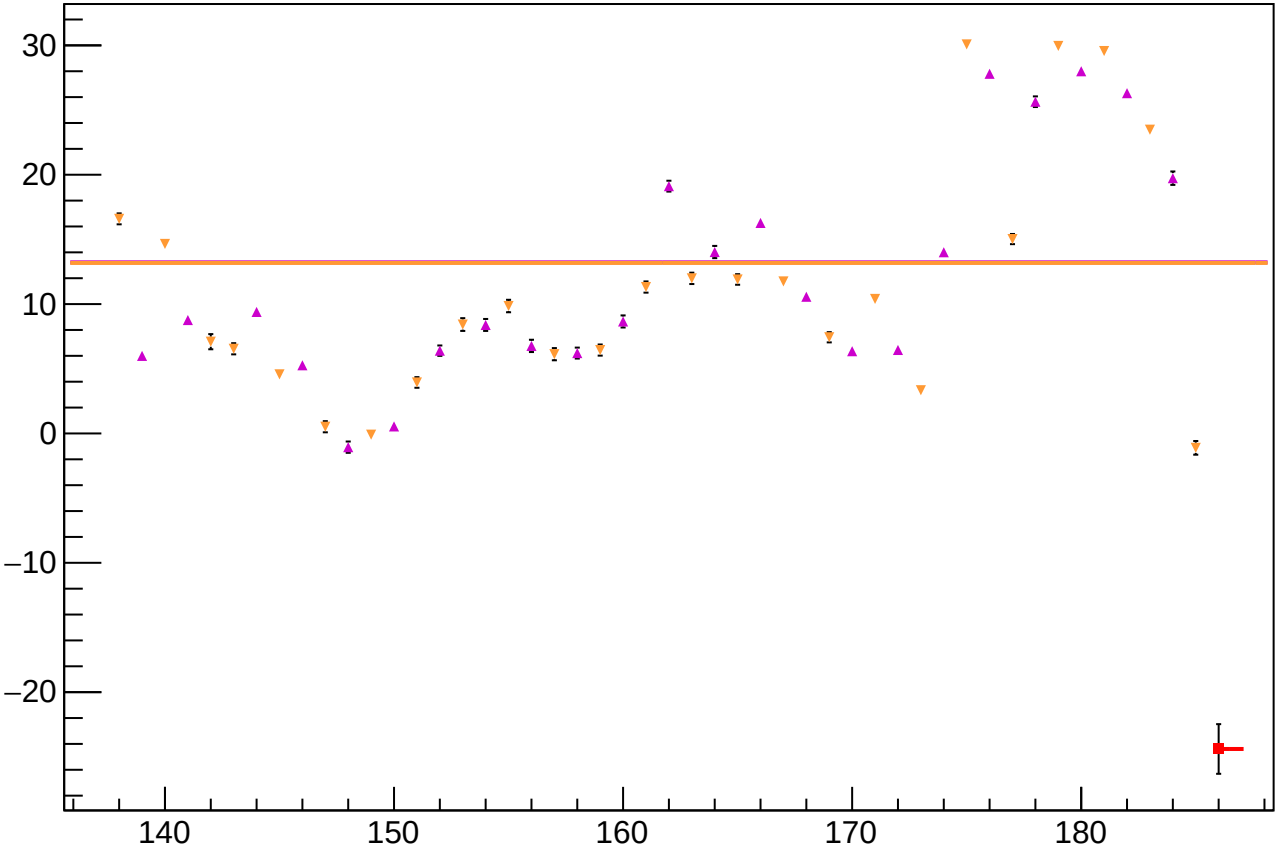
Right: 0.306+/-0.197 χ^2/NDF: 0.0/0

In: 0.160+/-0.004 χ^2/NDF:2063.7/22

Out: 0.174+/-0.004 χ^2/NDF:1469.3/25

All: 0.167+/-0.003 χ^2/NDF: 3540.5/48

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 13.181+/-0.075 χ^2/NDF:17039.3/24

Right Out: -24.391+/-1.919 χ^2/NDF: 0.0/0

Left In: 13.228+/-0.077 χ^2/NDF:14126.1/22

Left: 13.204+/-0.054 χ^2/NDF: 31165.6/47

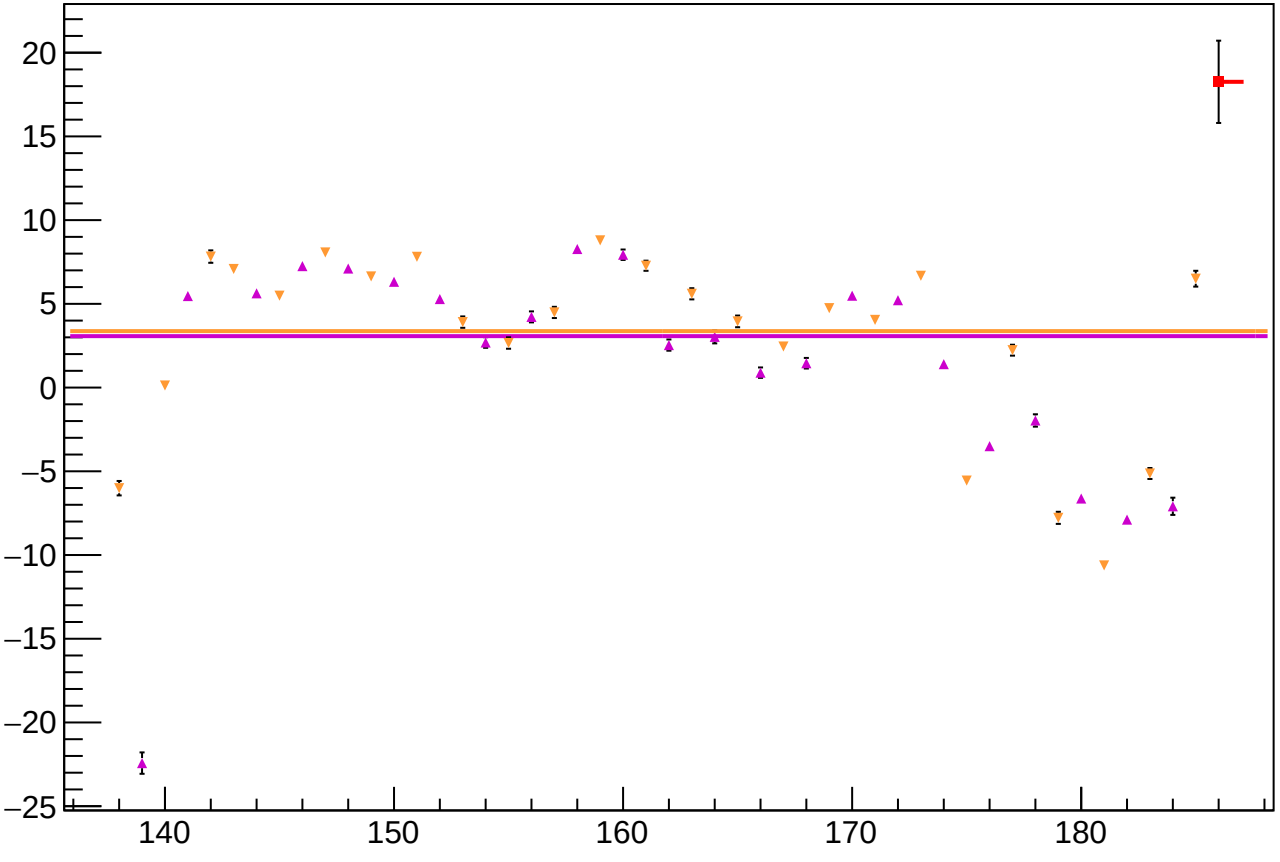
Right: -24.391+/-1.919 χ^2/NDF: 0.0/0

In: 13.228+/-0.077 χ^2/NDF:14126.1/22

Out: 13.123+/-0.075 χ^2/NDF:17422.0/25

All: 13.175+/-0.054 χ^2/NDF: 31549.1/48

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 3.372+/-0.059 χ^2/NDF:8053.7/24

Right Out: 18.260+/-2.457 χ^2/NDF: 0.0/0

Left In: 3.071+/-0.060 χ^2/NDF:7269.0/22

Left: 3.226+/-0.042 χ^2/NDF: 15335.5/47

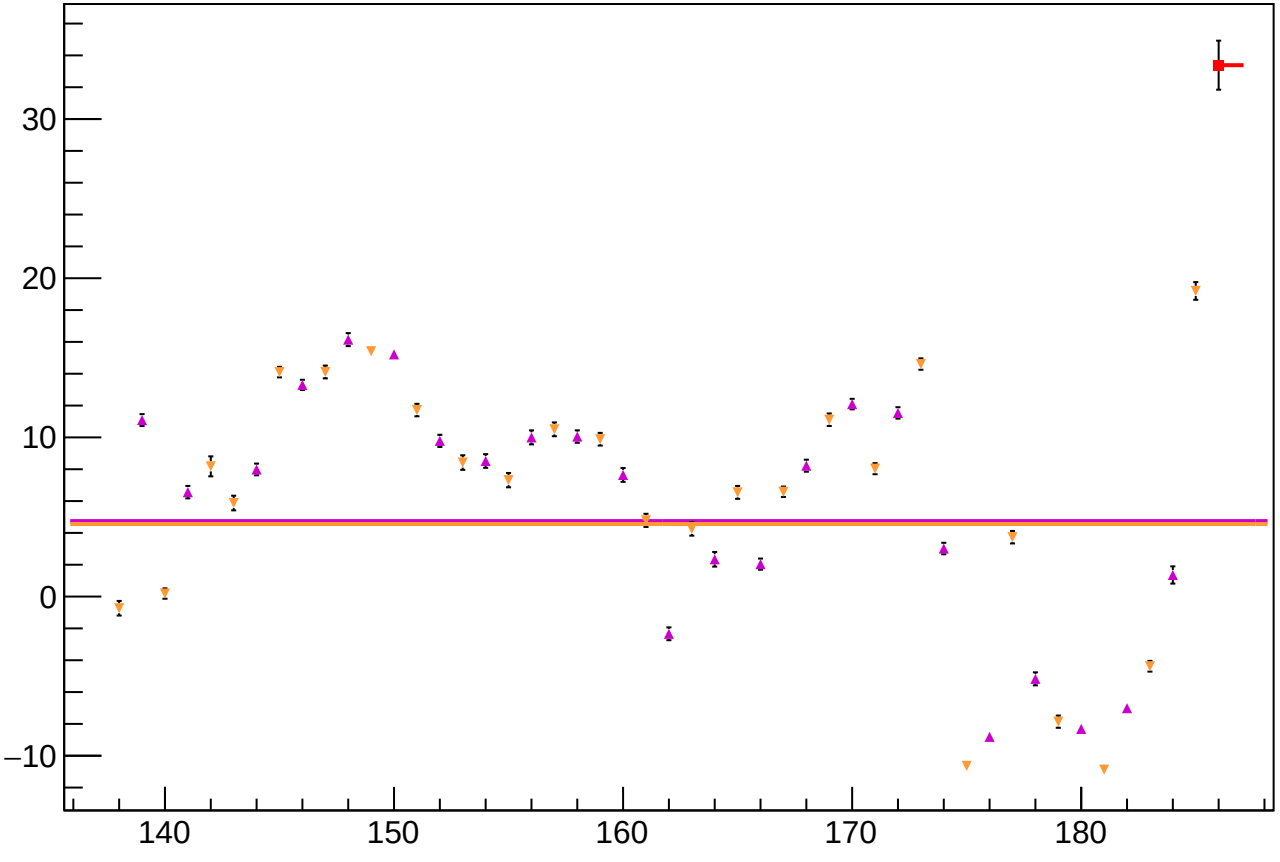
Right: 18.260+/-2.457 χ^2/NDF: 0.0/0

In: 3.071+/-0.060 χ^2/NDF:7269.0/22

Out: 3.380+/-0.059 χ^2/NDF:8090.4/25

All: 3.231+/-0.042 χ^2/NDF: 15372.9/48

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 4.557+/-0.076 χ^2/NDF:13588.4/24

Right Out: 33.385+/-1.540 χ^2/NDF: 0.0/0

Left In: 4.741+/-0.076 χ^2/NDF:11418.2/22

Left: 4.648+/-0.054 χ^2/NDF: 25009.5/47

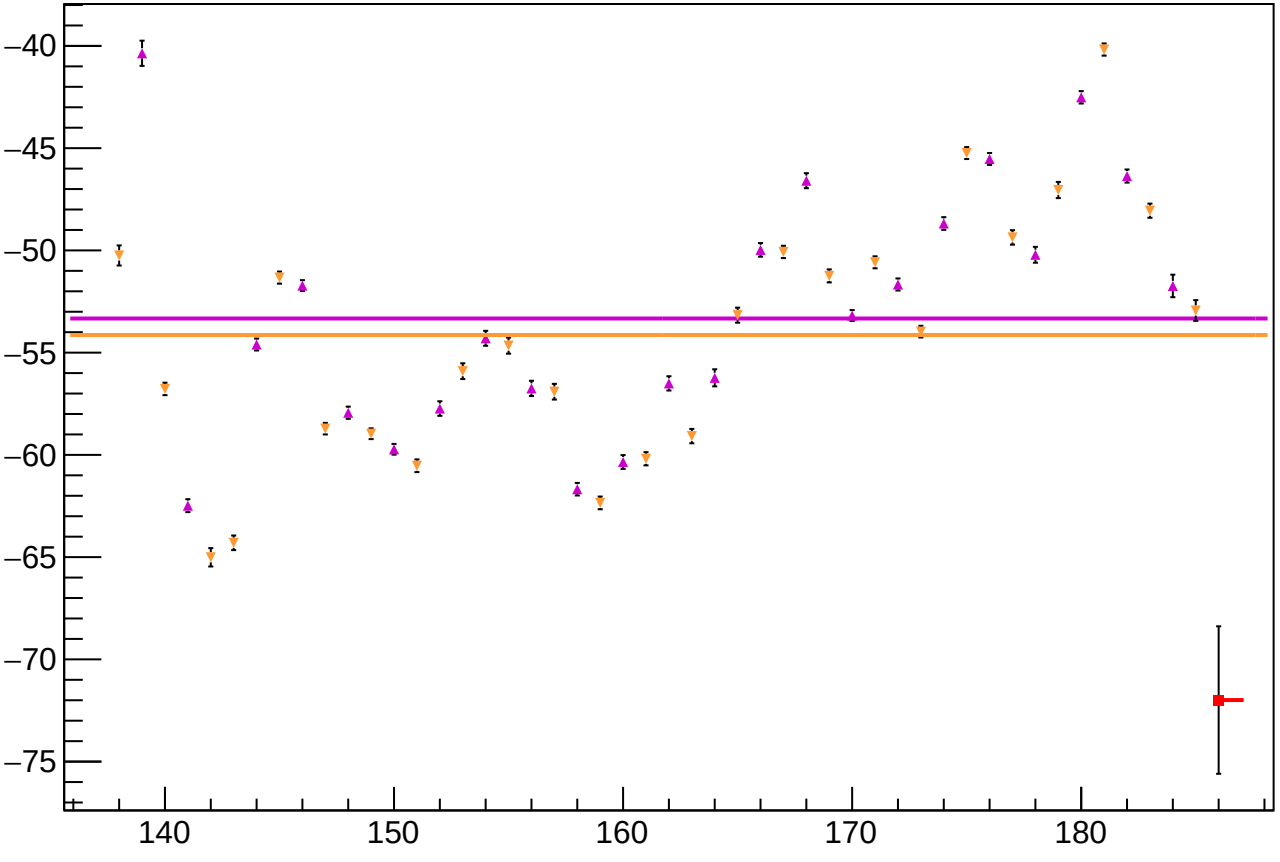
Right: 33.385+/-1.540 χ^2/NDF: 0.0/0

In: 4.741+/-0.076 χ^2/NDF:11418.2/22

Out: 4.626+/-0.075 χ^2/NDF:13937.9/25

All: 4.683+/-0.054 χ^2/NDF: 25357.3/48

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -54.139+/-0.067 χ^2/NDF:8301.1/24

Right Out: -71.990+/-3.606 χ^2/NDF: 0.0/0

Left In: -53.330+/-0.068 χ^2/NDF:6940.2/22

Left: -53.745+/-0.048 χ^2/NDF: 15313.2/47

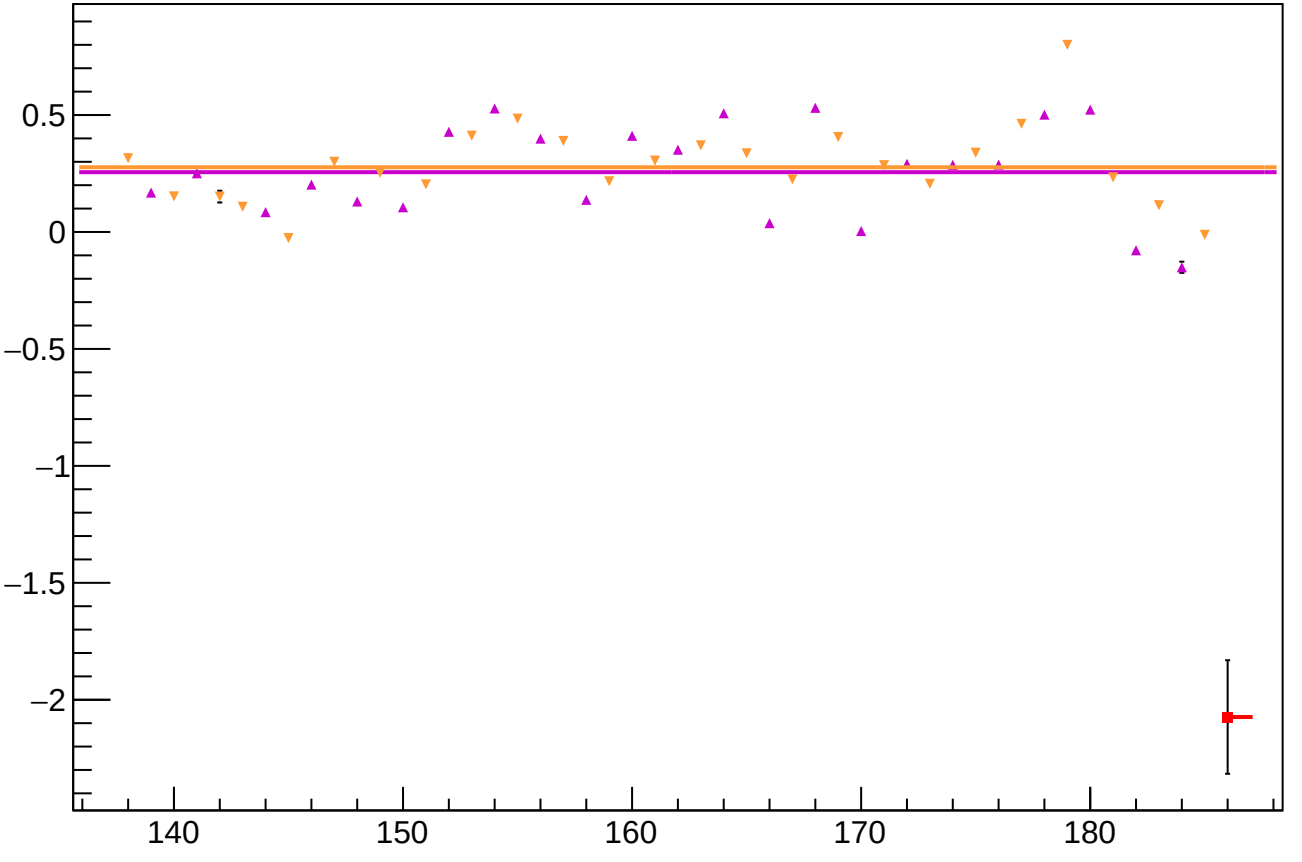
Right: -71.990+/-3.606 χ^2/NDF: 0.0/0

In: -53.330+/-0.068 χ^2/NDF:6940.2/22

Out: -54.145+/-0.067 χ^2/NDF:8325.6/25

All: -53.748+/-0.048 χ^2/NDF: 15338.8/48

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.277+/-0.003 χ^2/NDF:2606.0/24

Right Out: -2.074+/-0.243 χ^2/NDF: 0.0/0

Left In: 0.256+/-0.003 χ^2/NDF:3644.0/22

Left: 0.266+/-0.002 χ^2/NDF: 6273.6/47

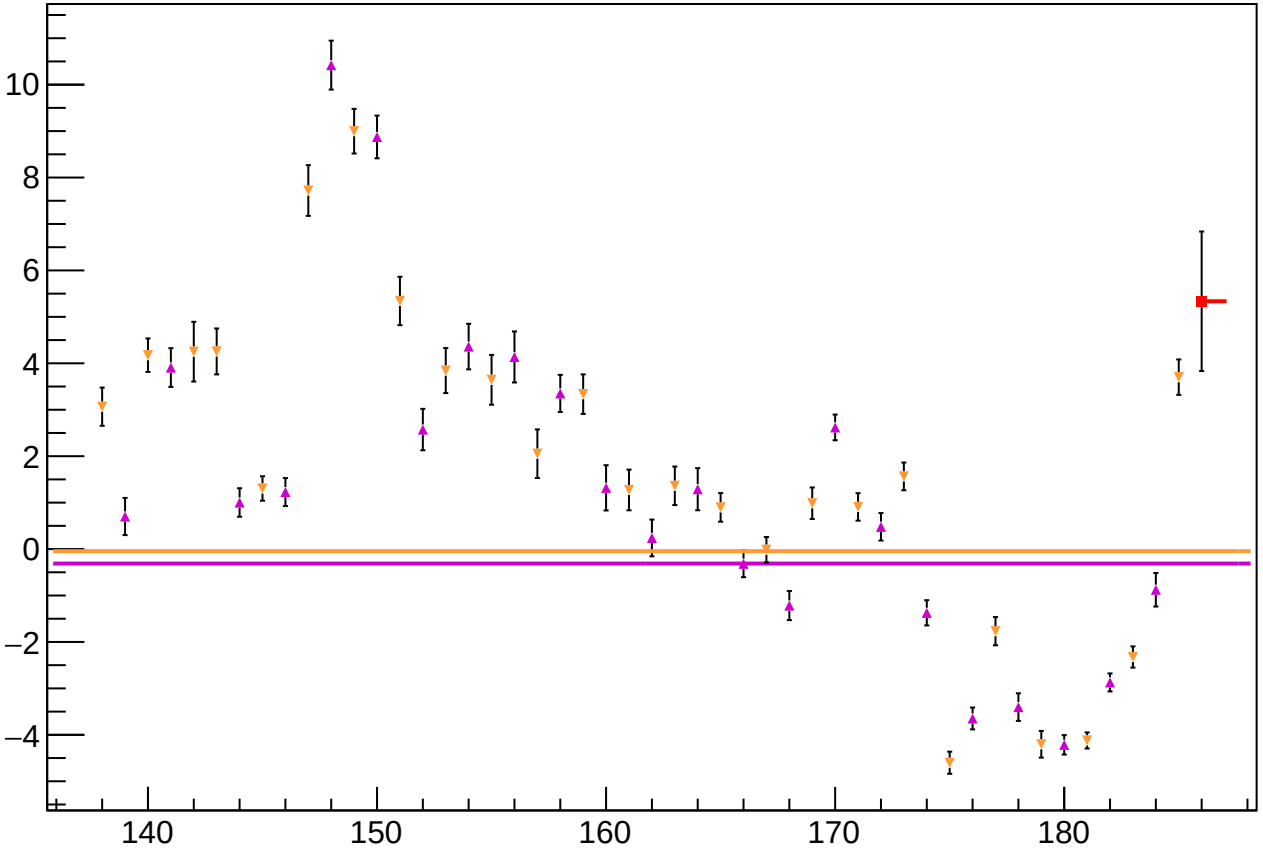
Right: -2.074+/-0.243 χ^2/NDF: 0.0/0

In: 0.256+/-0.003 χ^2/NDF:3644.0/22

Out: 0.276+/-0.003 χ^2/NDF:2699.7/25

All: 0.266+/-0.002 χ^2/NDF: 6366.5/48

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.046+/-0.066 χ^2/NDF:2628.9/24

Right Out: 5.336+/-1.502 χ^2/NDF: 0.0/0

Left In: -0.312+/-0.067 χ^2/NDF:2252.6/22

Left: -0.177+/-0.047 χ^2/NDF: 4889.5/47

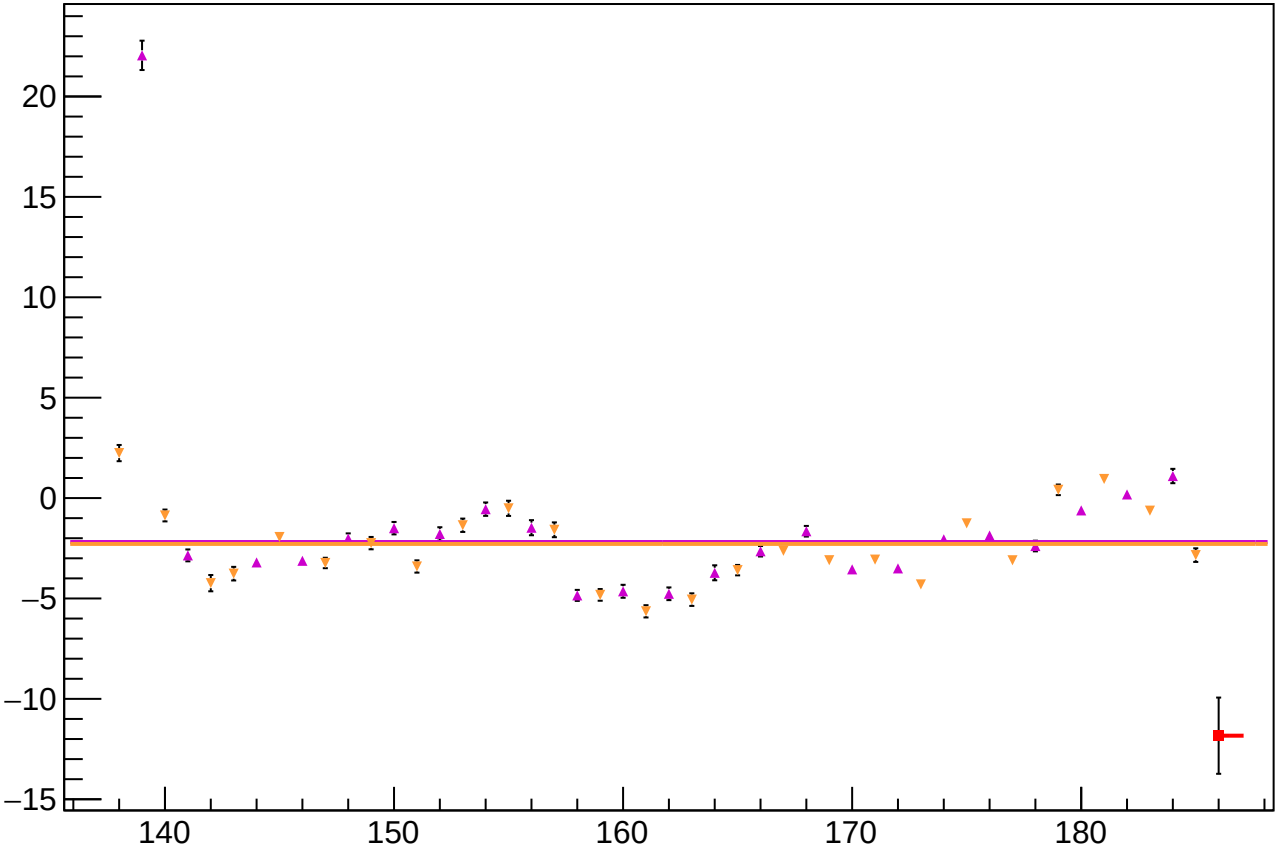
Right: 5.336+/-1.502 χ^2/NDF: 0.0/0

In: -0.312+/-0.067 χ^2/NDF:2252.6/22

Out: -0.035+/-0.066 χ^2/NDF:2641.7/25

All: -0.172+/-0.047 χ^2/NDF: 4903.0/48

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -2.283+/-0.054 χ^2/NDF:1132.1/24

Right Out: -11.834+/-1.898 χ^2/NDF: 0.0/0

Left In: -2.190+/-0.055 χ^2/NDF:1785.1/22

Left: -2.237+/-0.039 χ^2/NDF: 2918.6/47

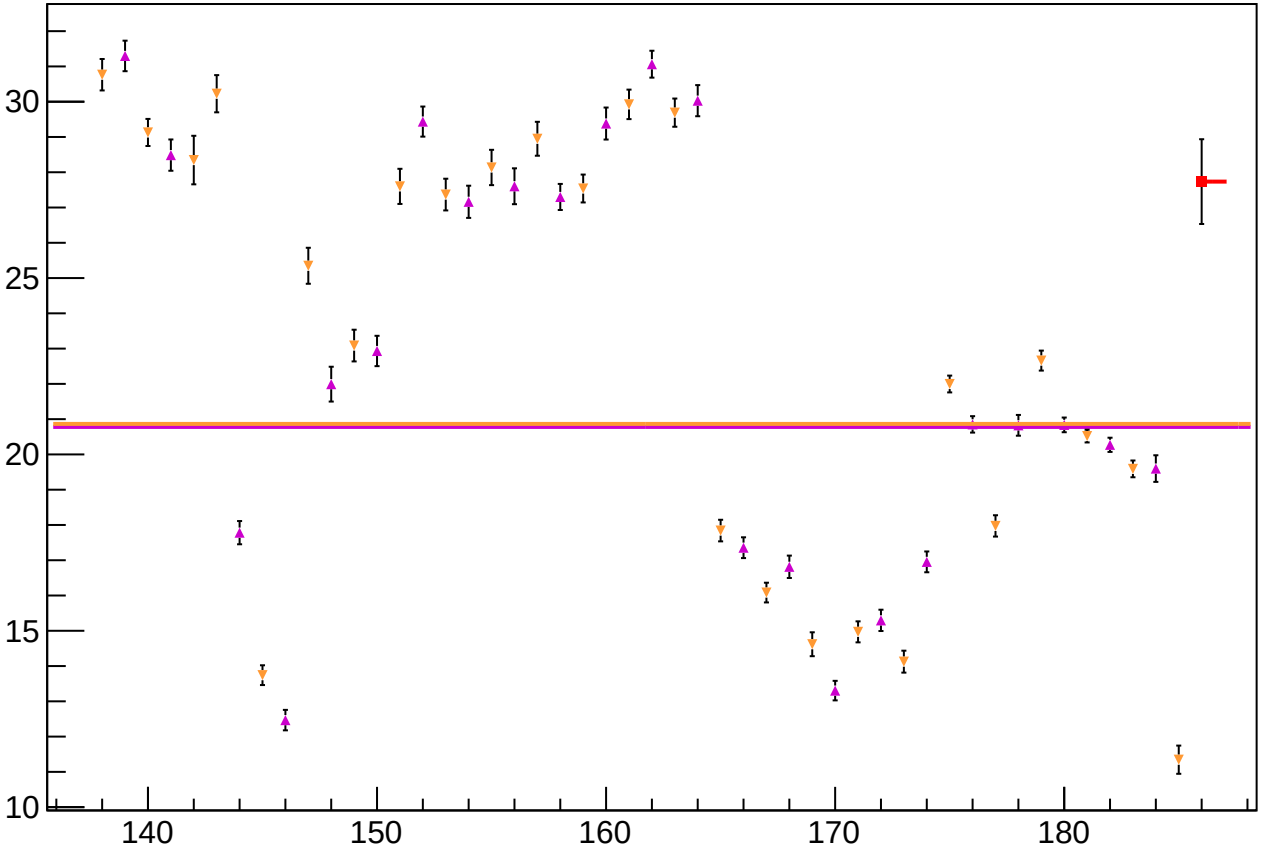
Right: -11.834+/-1.898 χ^2/NDF: 0.0/0

In: -2.190+/-0.055 χ^2/NDF:1785.1/22

Out: -2.291+/-0.054 χ^2/NDF:1157.4/25

All: -2.241+/-0.039 χ^2/NDF: 2944.2/48

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 20.865+/-0.067 χ^2/NDF:6608.4/24

Right Out: 27.735+/-1.202 χ^2/NDF: 0.0/0

Left In: 20.780+/-0.067 χ^2/NDF:5988.0/22

Left: 20.823+/-0.047 χ^2/NDF: 12597.2/47

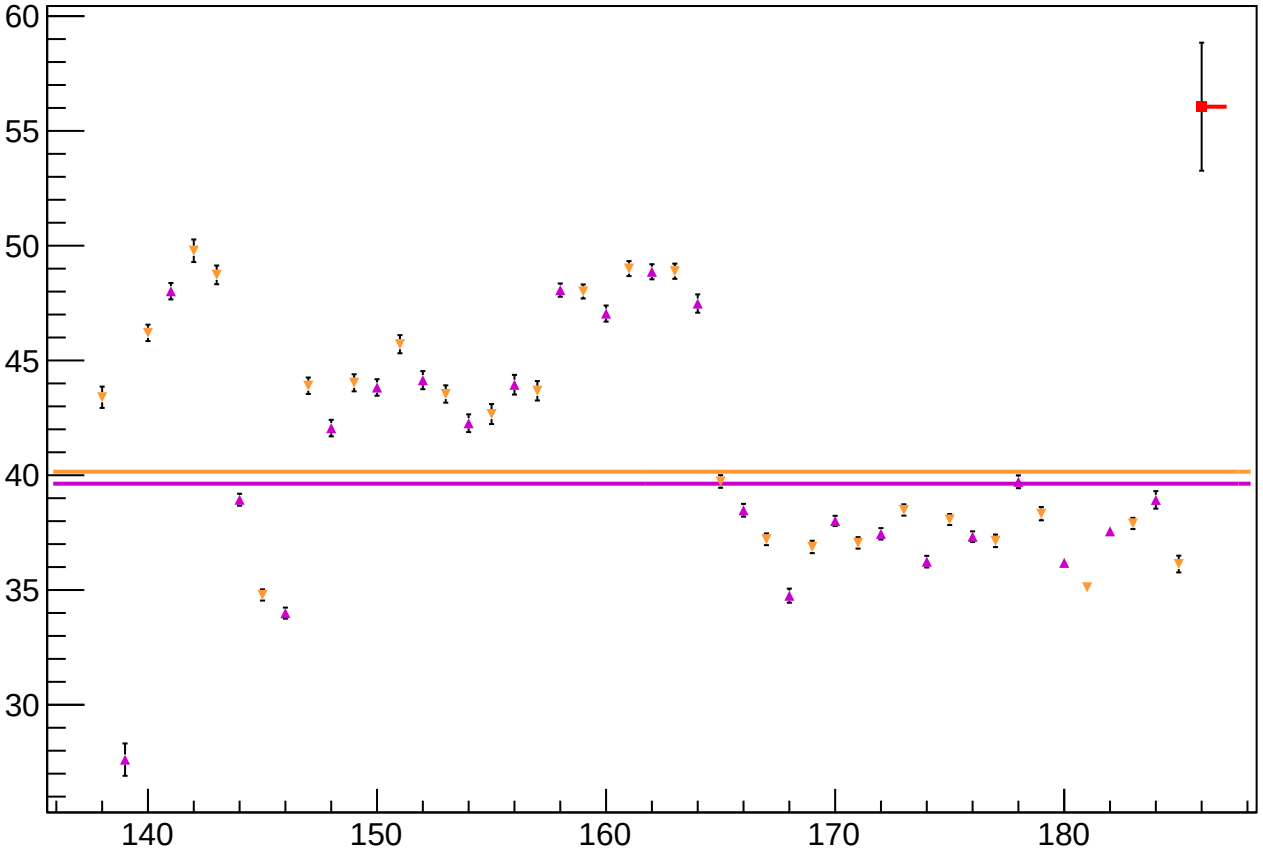
Right: 27.735+/-1.202 χ^2/NDF: 0.0/0

In: 20.780+/-0.067 χ^2/NDF:5988.0/22

Out: 20.886+/-0.067 χ^2/NDF:6640.9/25

All: 20.833+/-0.047 χ^2/NDF: 12630.2/48

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 40.154+/-0.060 χ^2/NDF:5861.6/24

Right Out: 56.055+/-2.789 χ^2/NDF: 0.0/0

Left In: 39.632+/-0.061 χ^2/NDF:5343.3/22

Left: 39.896+/-0.043 χ^2/NDF: 11241.6/47

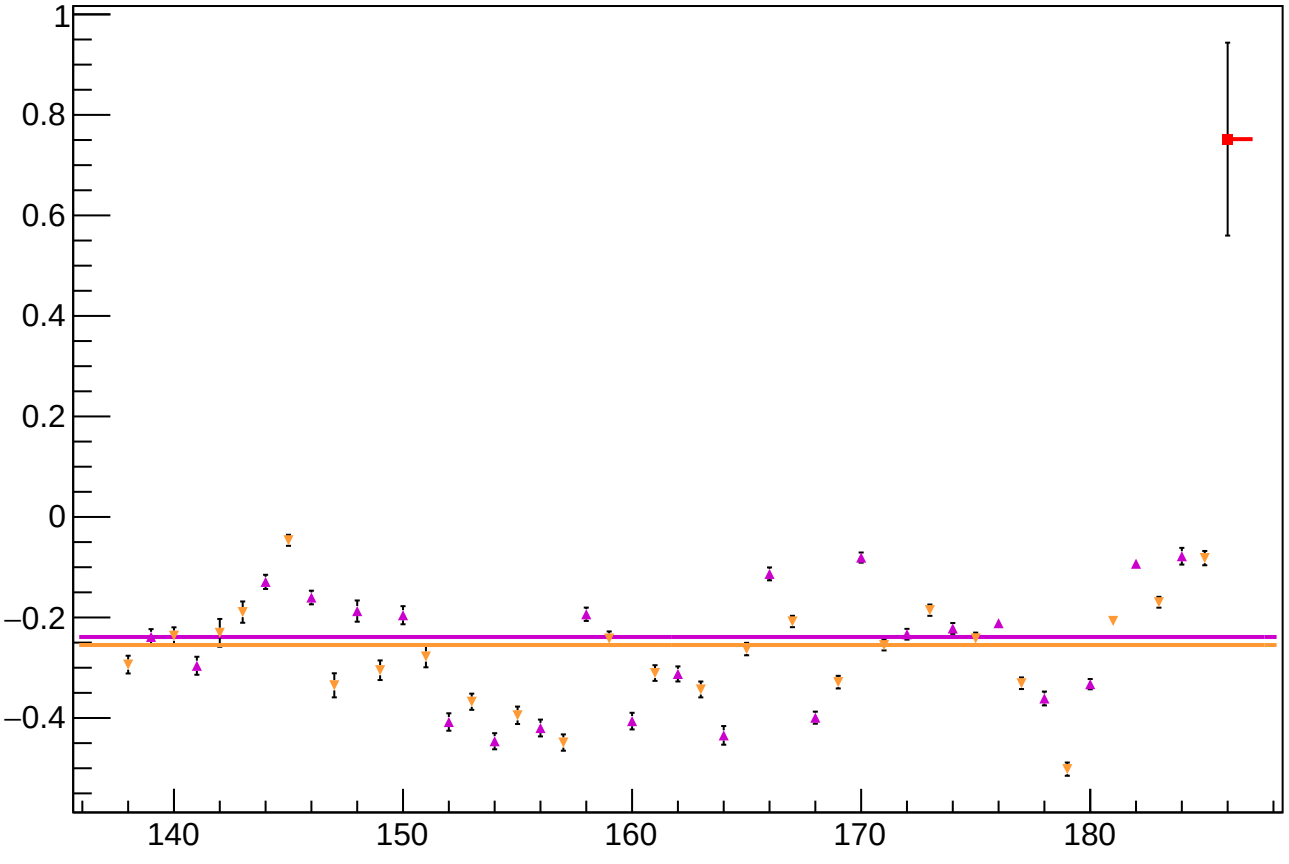
Right: 56.055+/-2.789 χ^2/NDF: 0.0/0

In: 39.632+/-0.061 χ^2/NDF:5343.3/22

Out: 40.161+/-0.060 χ^2/NDF:5894.1/25

All: 39.900+/-0.043 χ^2/NDF: 11275.2/48

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.255+/-0.003 χ^2/NDF:1417.7/24

Right Out: 0.752+/-0.192 χ^2/NDF: 0.0/0

Left In: -0.239+/-0.003 χ^2/NDF:1750.0/22

Left: -0.247+/-0.002 χ^2/NDF: 3184.5/47

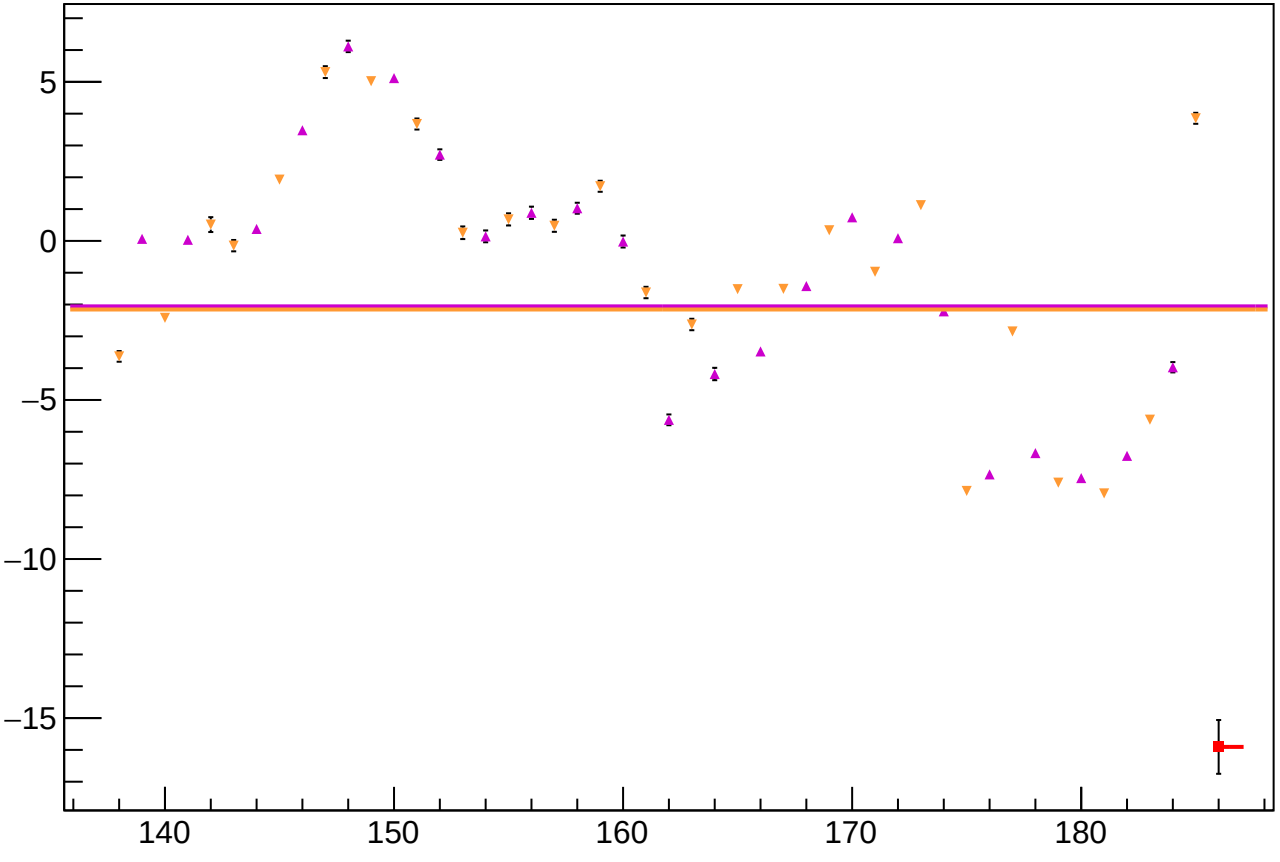
Right: 0.752+/-0.192 χ^2/NDF: 0.0/0

In: -0.239+/-0.003 χ^2/NDF:1750.0/22

Out: -0.255+/-0.003 χ^2/NDF:1445.2/25

All: -0.247+/-0.002 χ^2/NDF: 3211.5/48

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -2.156+/-0.026 χ^2/NDF:24501.3/24

Right Out: -15.906+/-0.845 χ^2/NDF: 0.0/0

Left In: -2.058+/-0.026 χ^2/NDF:23343.8/22

Left: -2.107+/-0.018 χ^2/NDF: 47852.3/47

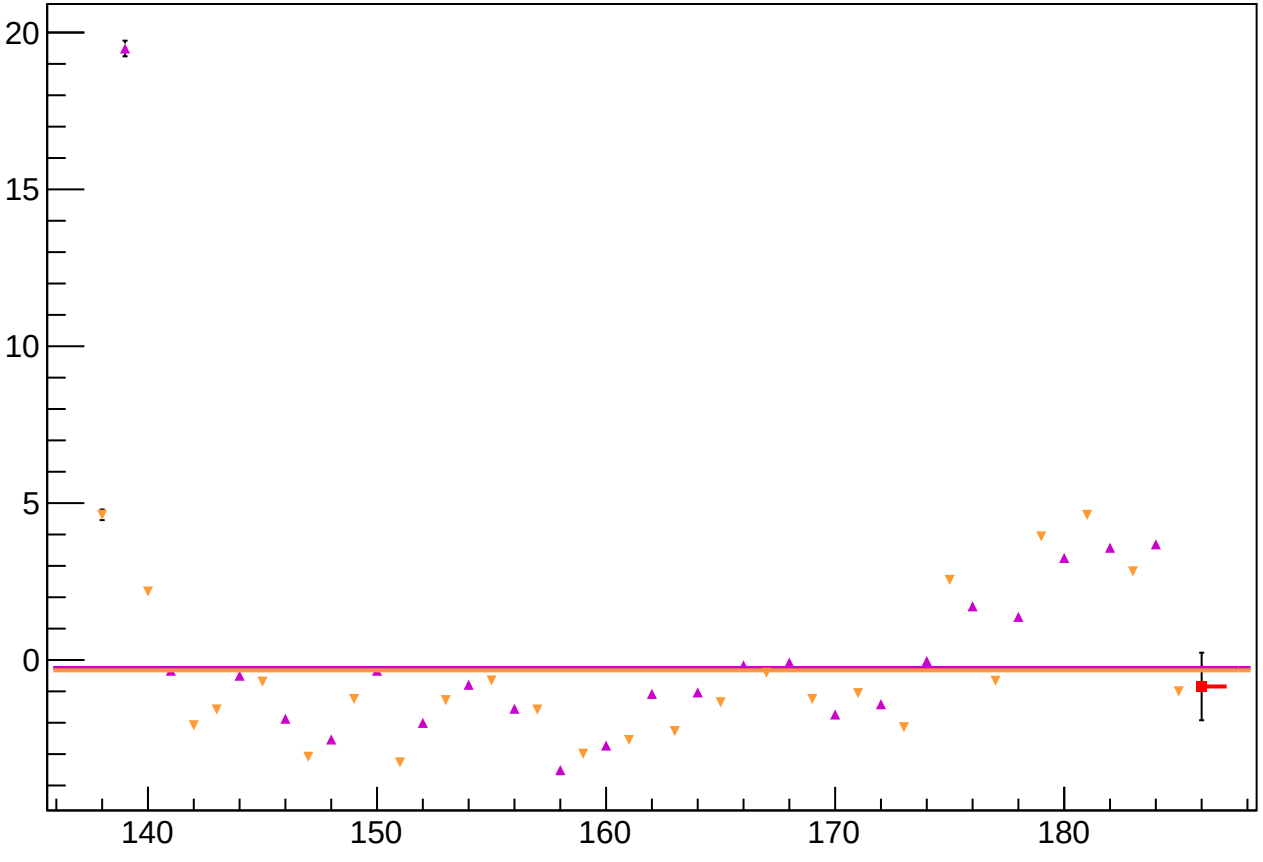
Right: -15.906+/-0.845 χ^2/NDF: 0.0/0

In: -2.058+/-0.026 χ^2/NDF:23343.8/22

Out: -2.169+/-0.026 χ^2/NDF:24765.6/25

All: -2.114+/-0.018 χ^2/NDF: 48118.6/48

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.331+/-0.021 χ^2/NDF:12552.3/24

Right Out: -0.845+/-1.076 χ^2/NDF: 0.0/0

Left In: -0.255+/-0.021 χ^2/NDF:14162.0/22

Left: -0.293+/-0.015 χ^2/NDF: 26721.1/47

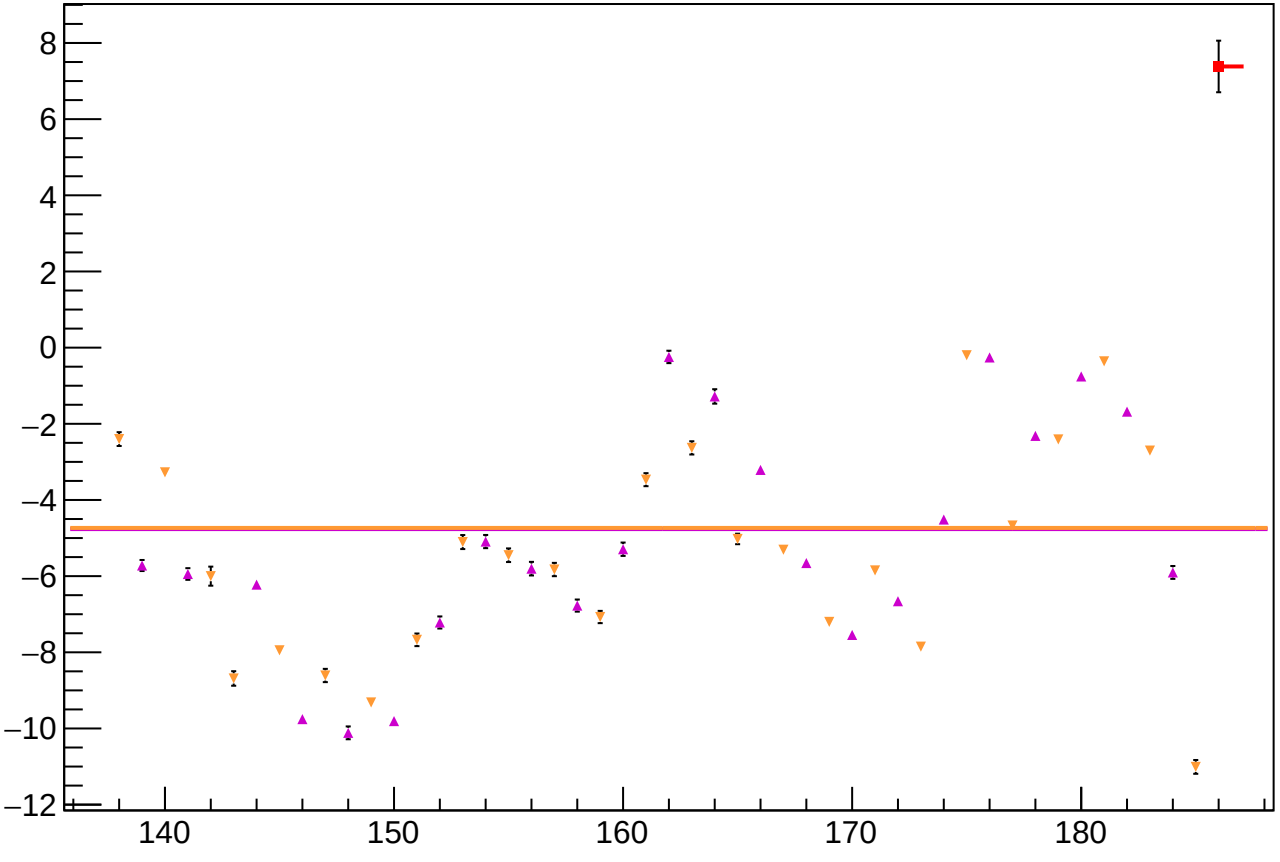
Right: -0.845+/-1.076 χ^2/NDF: 0.0/0

In: -0.255+/-0.021 χ^2/NDF:14162.0/22

Out: -0.331+/-0.021 χ^2/NDF:12552.6/25

All: -0.293+/-0.015 χ^2/NDF: 26721.3/48

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -4.734+/-0.026 χ^2/NDF:13188.7/24

Right Out: 7.383+/-0.677 χ^2/NDF: 0.0/0

Left In: -4.764+/-0.026 χ^2/NDF:14163.2/22

Left: -4.749+/-0.018 χ^2/NDF: 27352.6/47

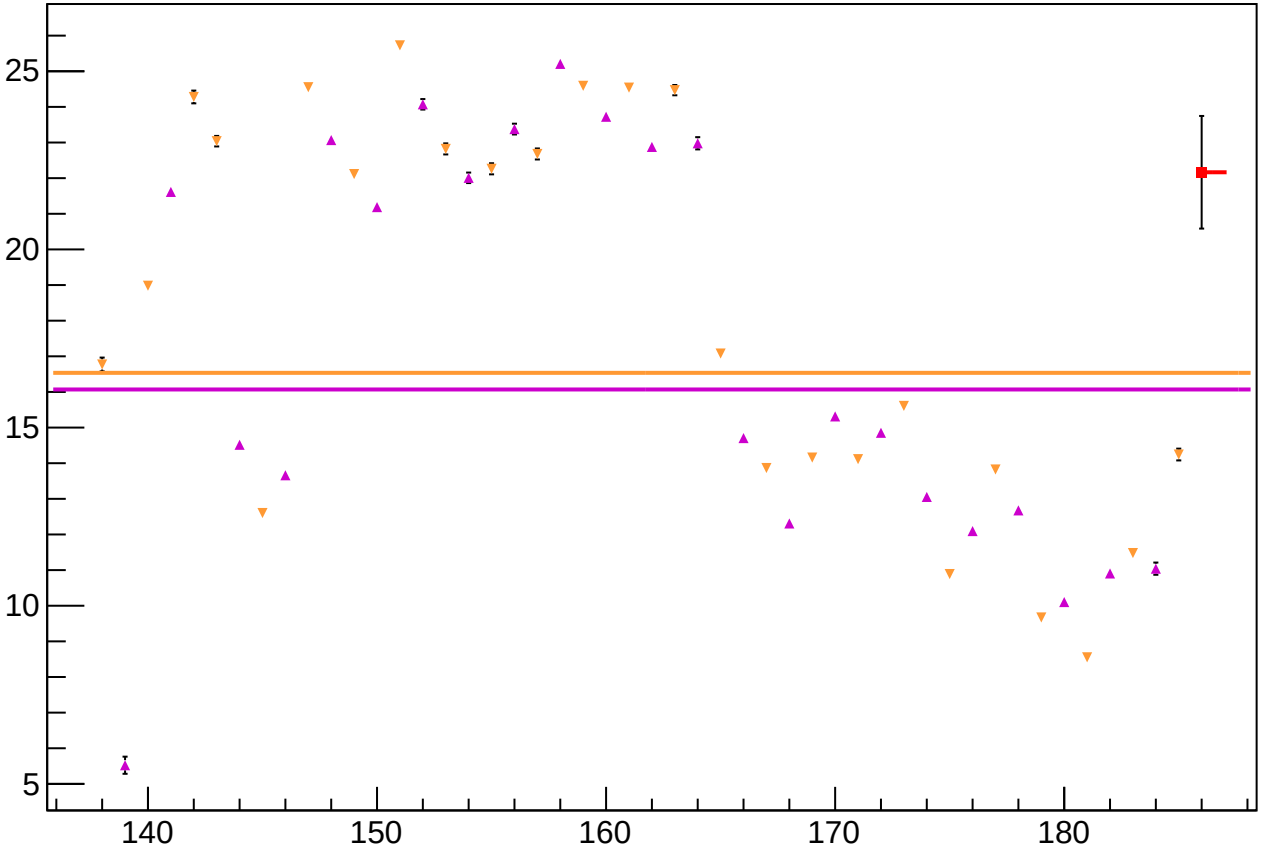
Right: 7.383+/-0.677 χ^2/NDF: 0.0/0

In: -4.764+/-0.026 χ^2/NDF:14163.2/22

Out: -4.716+/-0.026 χ^2/NDF:13508.3/25

All: -4.740+/-0.018 χ^2/NDF: 27673.2/48

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 16.536+/-0.023 χ^2/NDF:53546.9/24

Right Out: 22.165+/-1.581 χ^2/NDF: 0.0/0

Left In: 16.069+/-0.023 χ^2/NDF:42736.3/22

Left: 16.306+/-0.016 χ^2/NDF: 96483.6/47

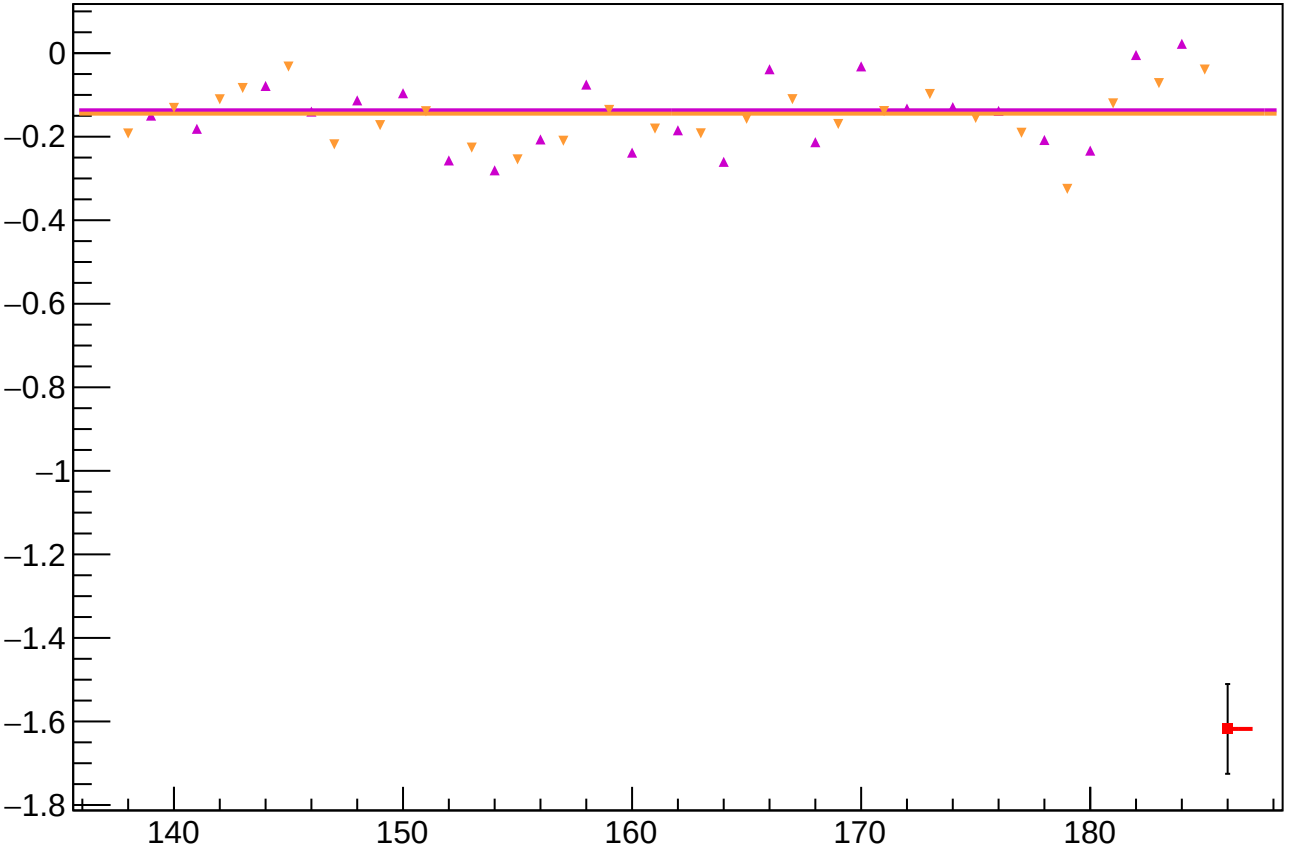
Right: 22.165+/-1.581 χ^2/NDF: 0.0/0

In: 16.069+/-0.023 χ^2/NDF:42736.3/22

Out: 16.537+/-0.023 χ^2/NDF:53559.6/25

All: 16.306+/-0.016 χ^2/NDF: 96497.3/48

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.145+/-0.001 χ^2/NDF:3755.1/24

Right Out: -1.618+/-0.107 χ^2/NDF: 0.0/0

Left In: -0.137+/-0.001 χ^2/NDF:5383.4/22

Left: -0.141+/-0.001 χ^2/NDF: 9167.1/47

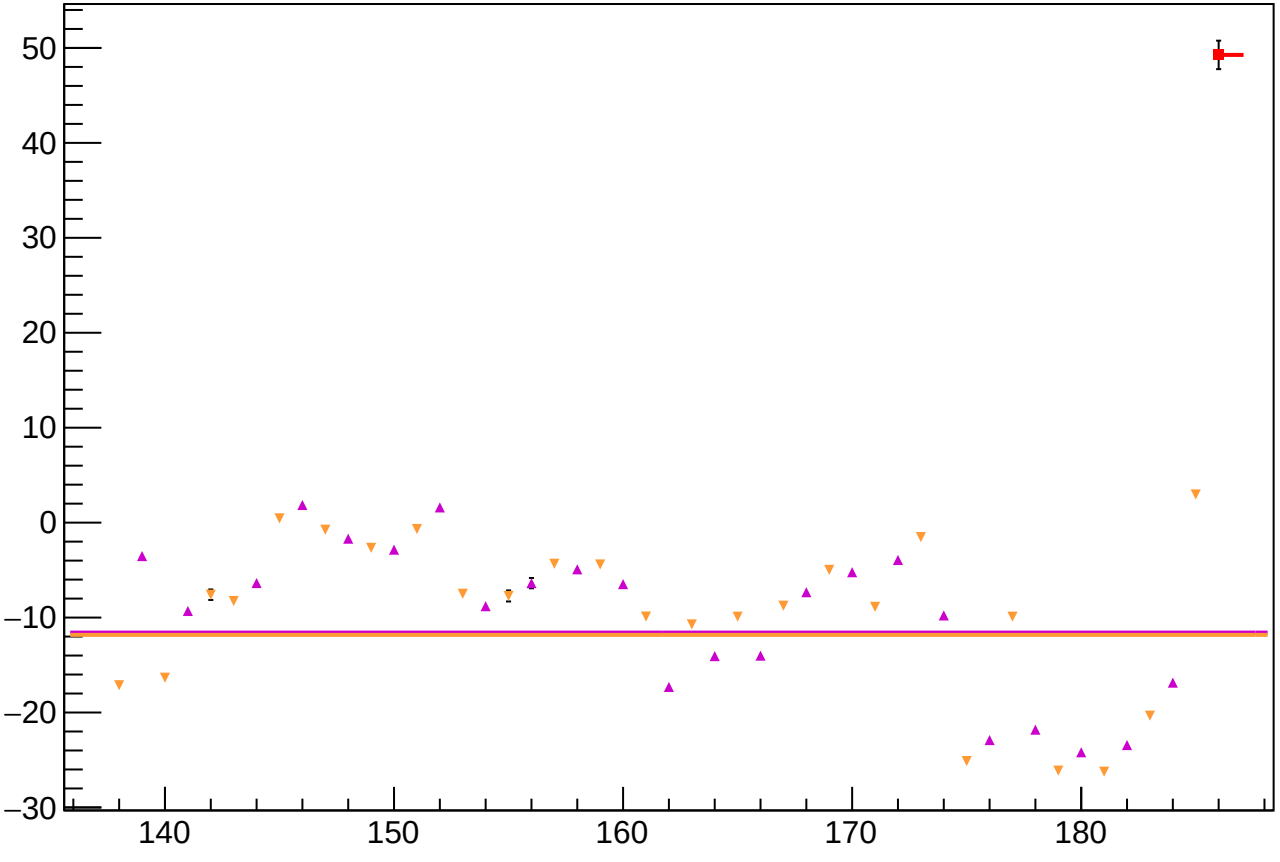
Right: -1.618+/-0.107 χ^2/NDF: 0.0/0

In: -0.137+/-0.001 χ^2/NDF:5383.4/22

Out: -0.145+/-0.001 χ^2/NDF:3943.0/25

All: -0.141+/-0.001 χ^2/NDF: 9356.1/48

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -11.823+/-0.070 χ^2/NDF:17277.3/24

Right Out: 49.267+/-1.500 χ^2/NDF: 0.0/0

Left In: -11.580+/-0.071 χ^2/NDF:14243.6/22

Left: -11.703+/-0.050 χ^2/NDF: 31526.7/47

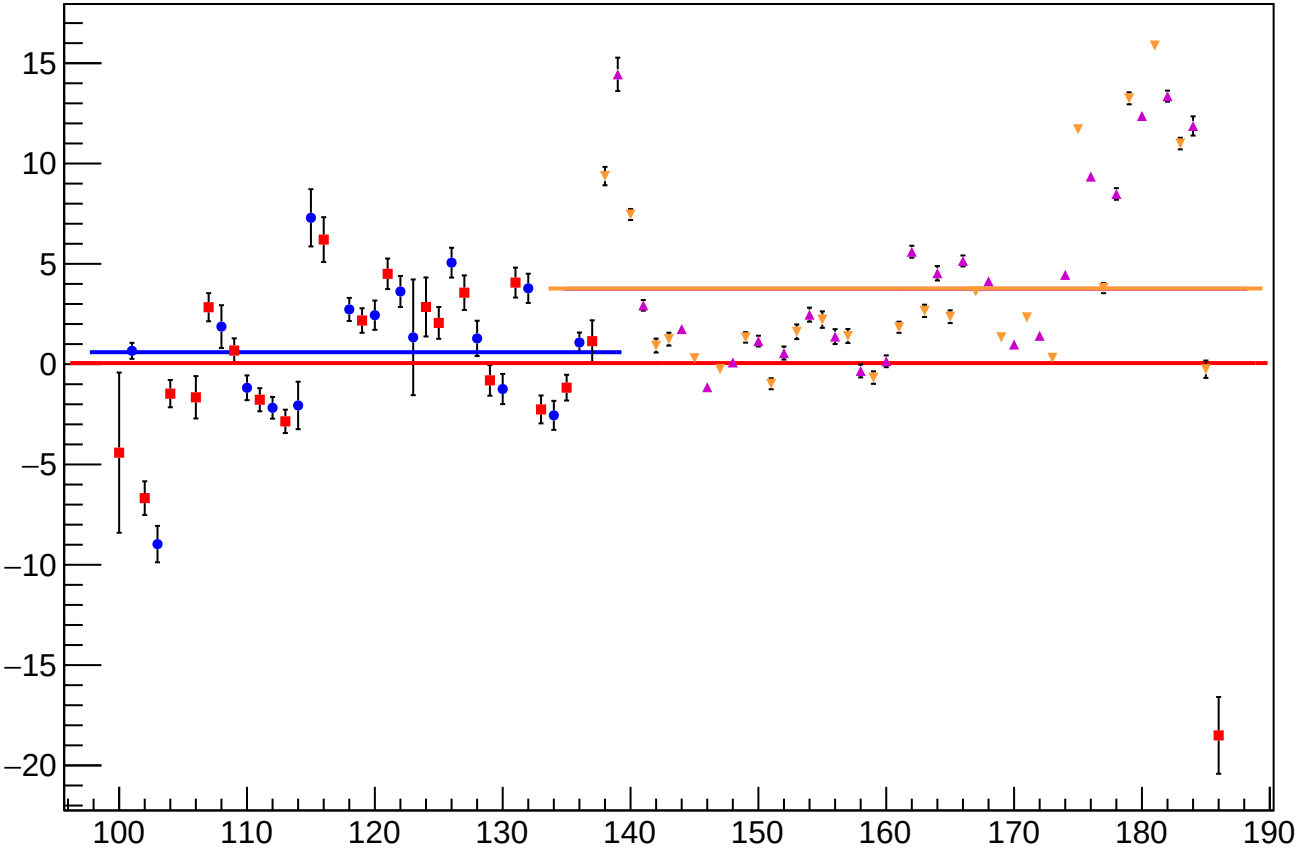
Right: 49.267+/-1.500 χ^2/NDF: 0.0/0

In: -11.580+/-0.071 χ^2/NDF:14243.6/22

Out: -11.688+/-0.070 χ^2/NDF:18932.7/25

All: -11.635+/-0.050 χ^2/NDF: 33177.5/48

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.596+/-0.169 χ^2/NDF: 291.2/16

Left Out: 3.770+/-0.056 χ^2/NDF:7420.4/24

Right Out: 0.055+/-0.174 χ^2/NDF: 368.3/19

Left In: 3.755+/-0.056 χ^2/NDF:5655.2/22

Left: 3.763+/-0.040 χ^2/NDF: 13075.6/47

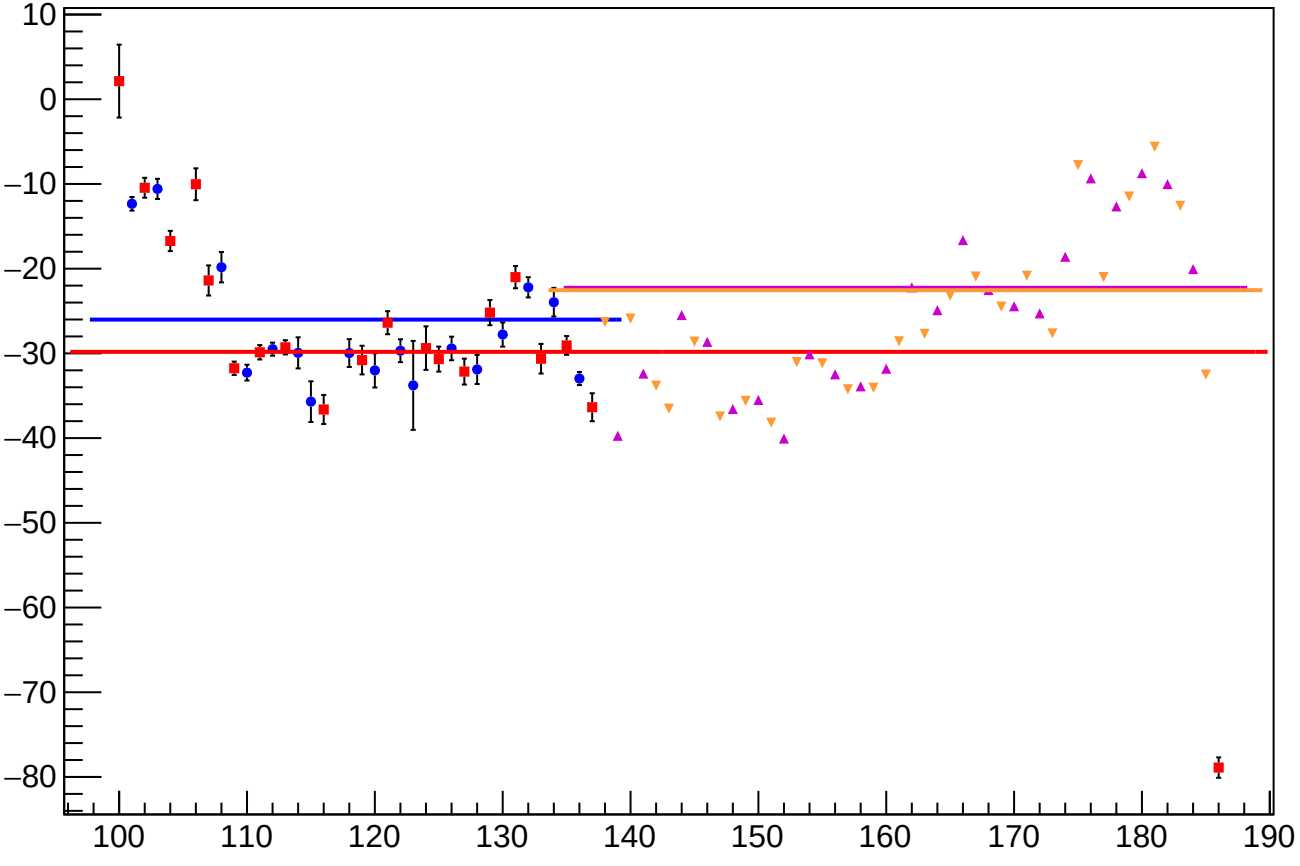
Right: 0.333+/-0.121 χ^2/NDF: 664.4/36

In: 3.438+/-0.054 χ^2/NDF:6260.9/39

Out: 3.425+/-0.053 χ^2/NDF:8202.6/44

All: 3.432+/-0.038 χ^2/NDF: 14463.5/84

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -22.540+/-0.071 χ^2/NDF:19751.6/24

Right Out: -29.819+/-0.289 χ^2/NDF: 2340.6/19

Left In: -22.258+/-0.071 χ^2/NDF:17838.4/22

Left: -22.400+/-0.050 χ^2/NDF: 37597.8/47

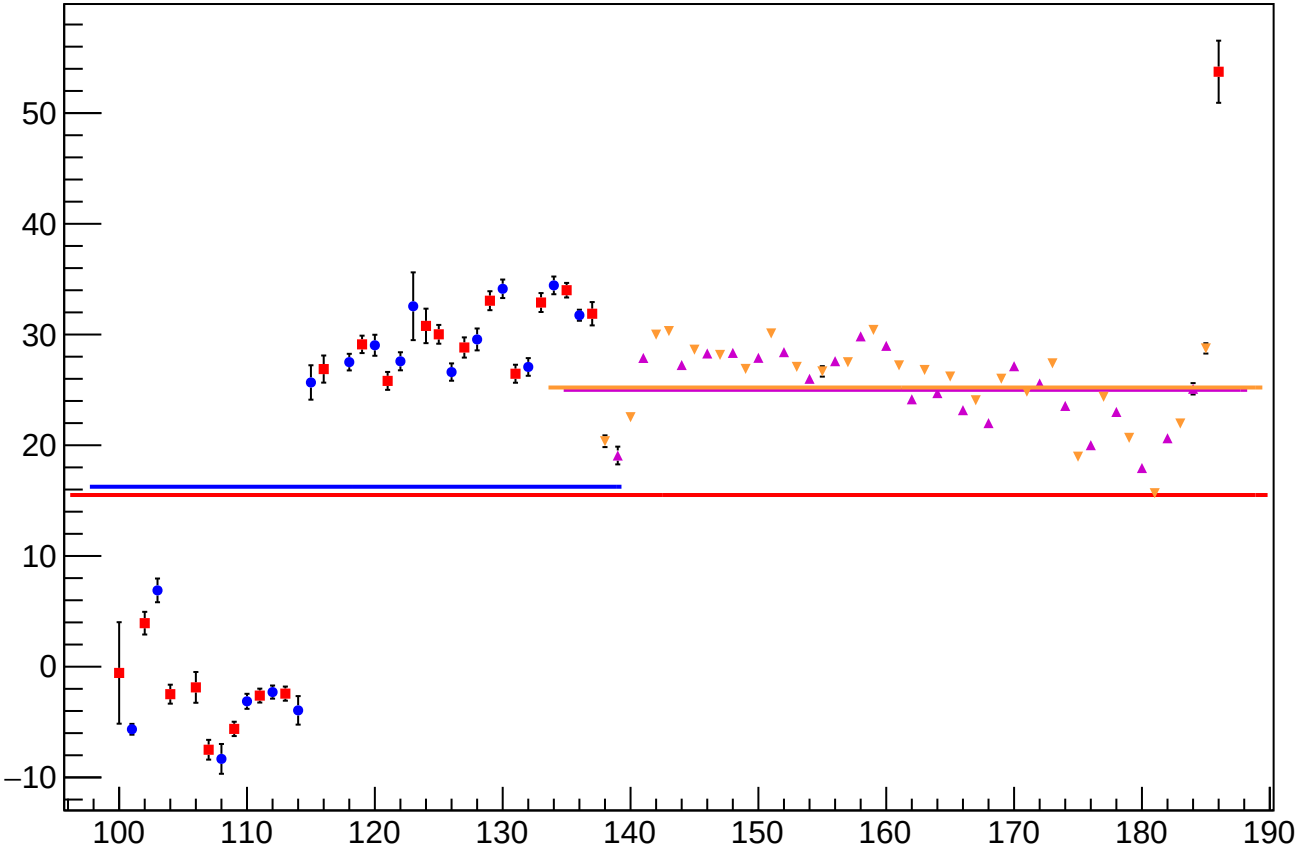
Right: -27.985+/-0.208 χ^2/NDF: 3117.2/36

In: -22.460+/-0.069 χ^2/NDF:18679.8/39

Out: -22.952+/-0.069 χ^2/NDF:22691.4/44

All: -22.708+/-0.049 χ^2/NDF: 41396.7/84

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 25.216+/-0.063 χ^2/NDF:3738.3/24

Right Out: 15.506+/-0.197 χ^2/NDF: 7466.6/19

Left In: 25.005+/-0.064 χ^2/NDF:2733.7/22

Left: 25.112+/-0.045 χ^2/NDF: 6477.5/47

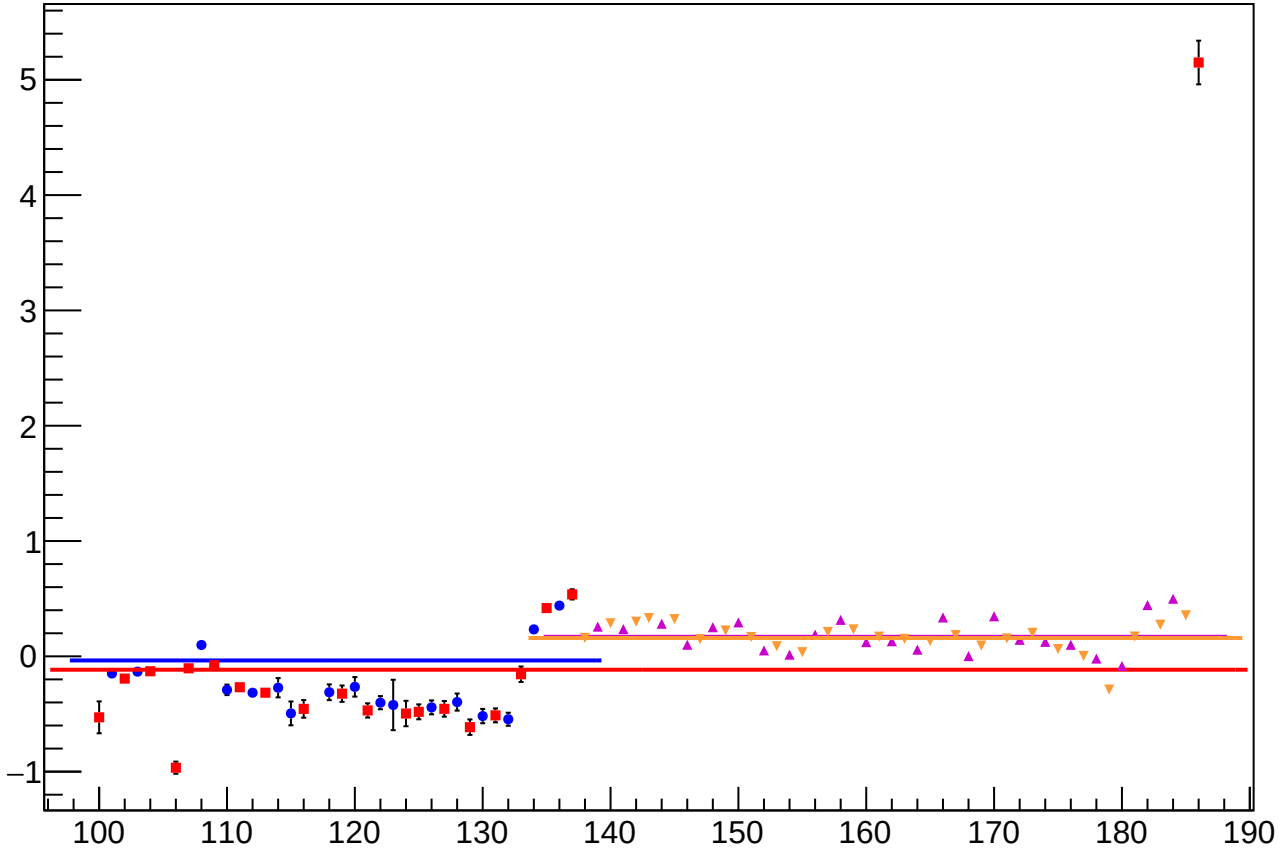
Right: 15.890+/-0.137 χ^2/NDF: 15085.3/36

In: 24.131+/-0.060 χ^2/NDF:12234.5/39

Out: 24.318+/-0.060 χ^2/NDF:13420.4/44

All: 24.226+/-0.042 χ^2/NDF: 25659.7/84

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.159+/-0.003 χ^2/NDF:1856.8/24

Right Out: -0.116+/-0.010 χ^2/NDF: 1946.6/19

Left In: 0.169+/-0.003 χ^2/NDF:2430.7/22

Left: 0.164+/-0.002 χ^2/NDF: 4293.8/47

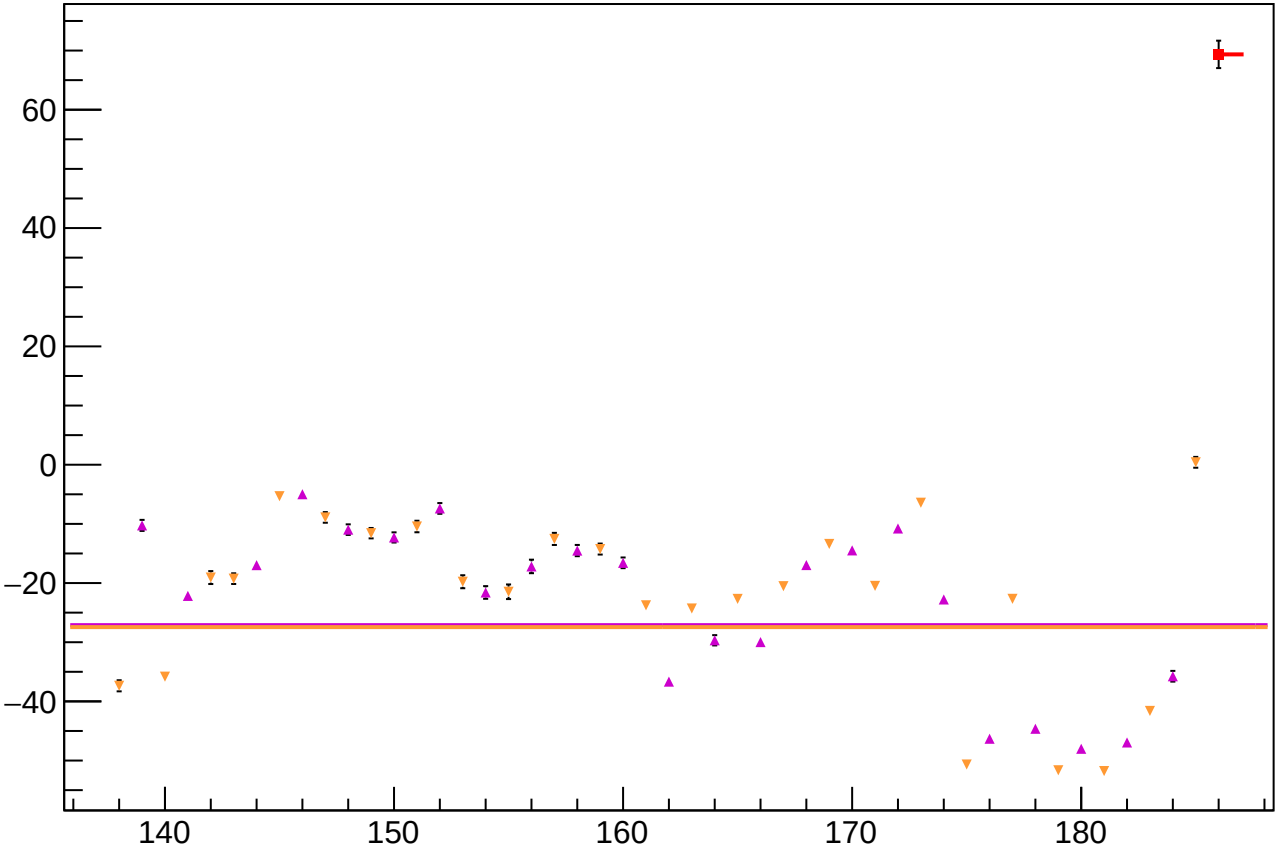
Right: -0.076+/-0.007 χ^2/NDF: 2991.4/36

In: 0.154+/-0.003 χ^2/NDF:3810.9/39

Out: 0.139+/-0.003 χ^2/NDF:4460.3/44

All: 0.147+/-0.002 χ^2/NDF: 8285.5/84

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -27.447+/-0.137 χ^2/NDF:14820.6/24

Right Out: 69.353+/-2.317 χ^2/NDF: 0.0/0

Left In: -27.114+/-0.139 χ^2/NDF:11443.8/22

Left: -27.283+/-0.097 χ^2/NDF: 26267.3/47

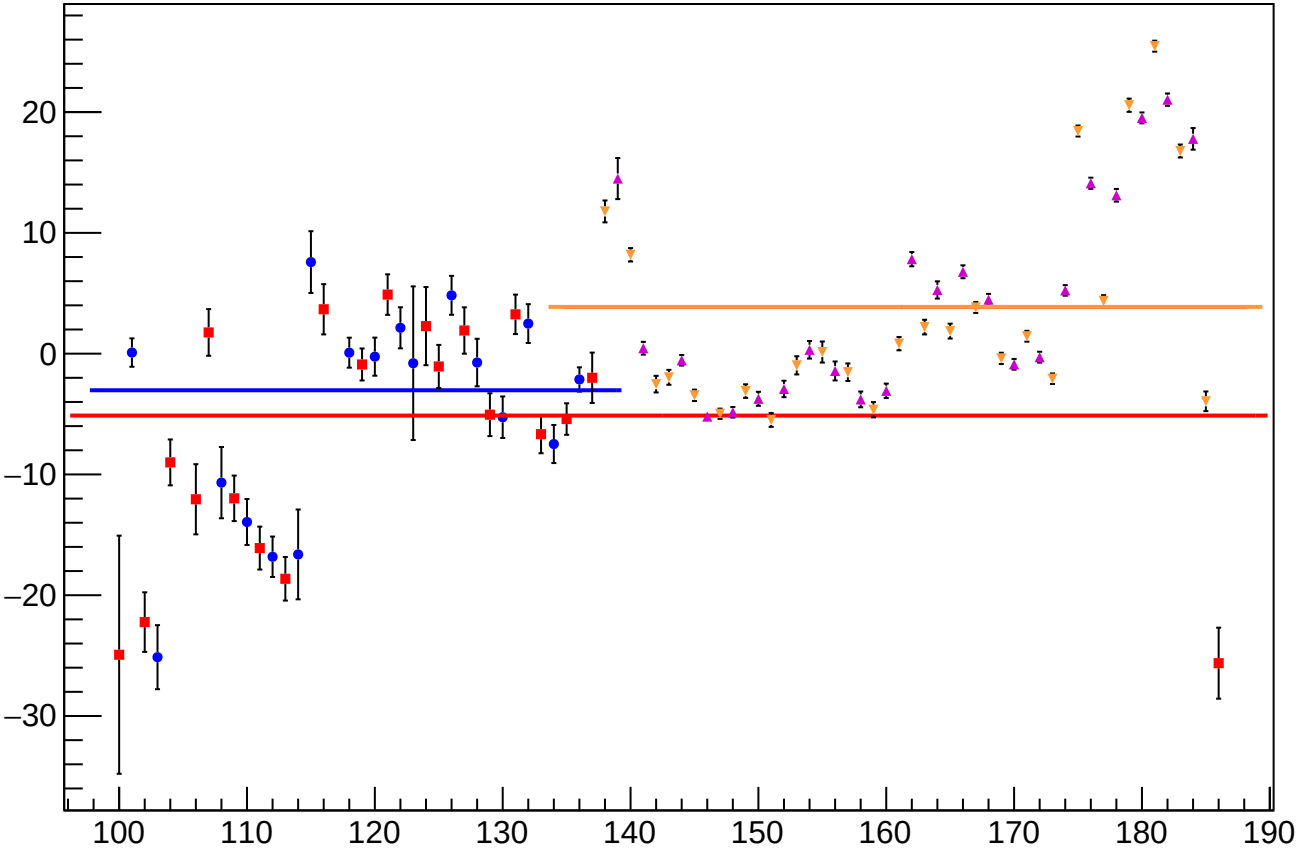
Right: 69.353+/-2.317 χ^2/NDF: 0.0/0

In: -27.114+/-0.139 χ^2/NDF:11443.8/22

Out: -27.110+/-0.137 χ^2/NDF:16559.3/25

All: -27.112+/-0.097 χ^2/NDF: 28003.0/48

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.030+/-0.408 χ^2/NDF: 280.8/16

Left Out: 3.873+/-0.109 χ^2/NDF:6906.0/24

Right Out: -5.126+/-0.422 χ^2/NDF: 347.9/19

Left In: 3.861+/-0.111 χ^2/NDF:5438.4/22

Left: 3.867+/-0.078 χ^2/NDF: 12344.4/47

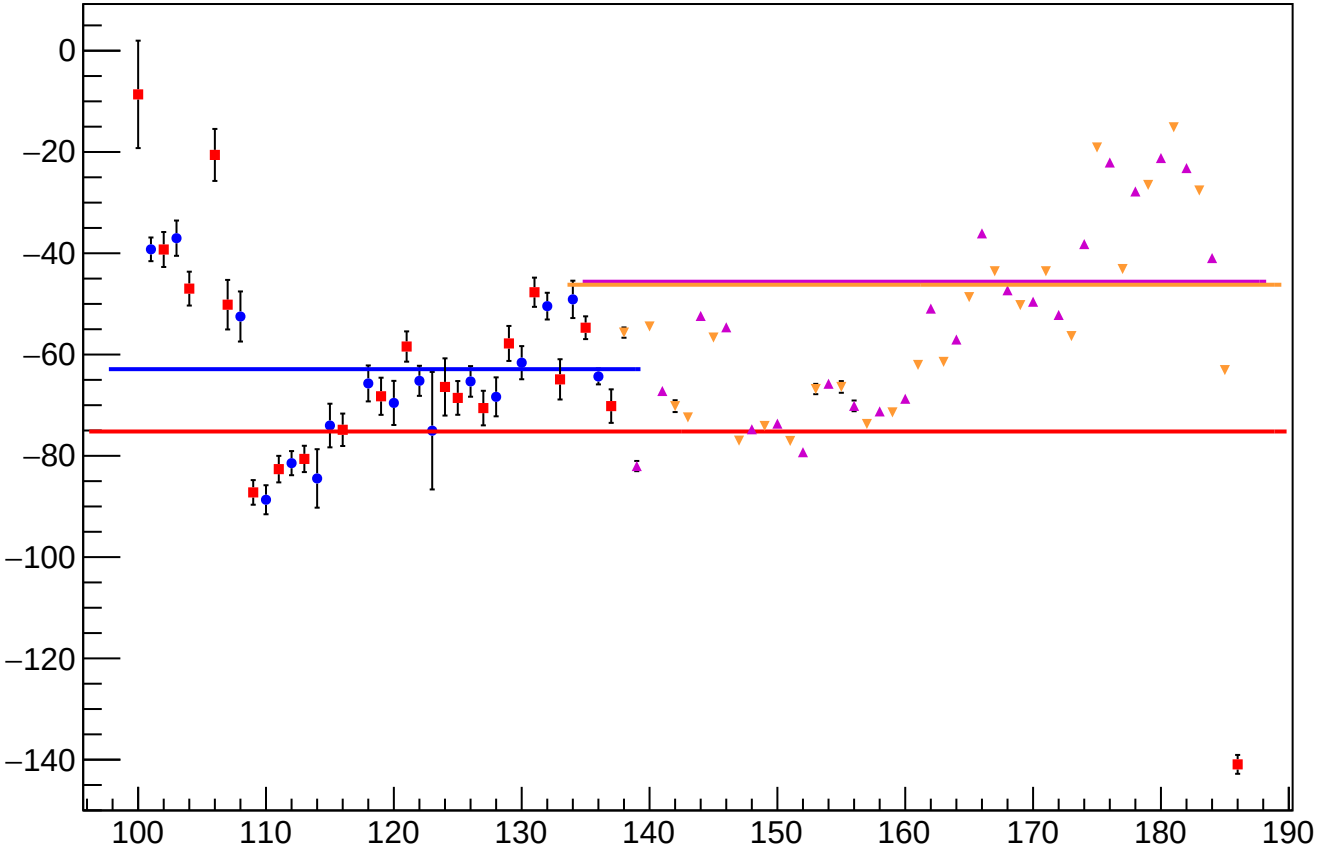
Right: -4.041+/-0.293 χ^2/NDF: 641.5/36

In: 3.386+/-0.107 χ^2/NDF:5985.4/39

Out: 3.306+/-0.106 χ^2/NDF:7679.5/44

All: 3.346+/-0.075 χ^2/NDF: 13665.3/84

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -46.213+/-0.138 χ^2/NDF:19981.0/24

Right Out: -75.195+/-0.697 χ^2/NDF: 1892.1/19

Left In: -45.616+/-0.139 χ^2/NDF:17743.8/22

Left: -45.917+/-0.098 χ^2/NDF: 37734.0/47

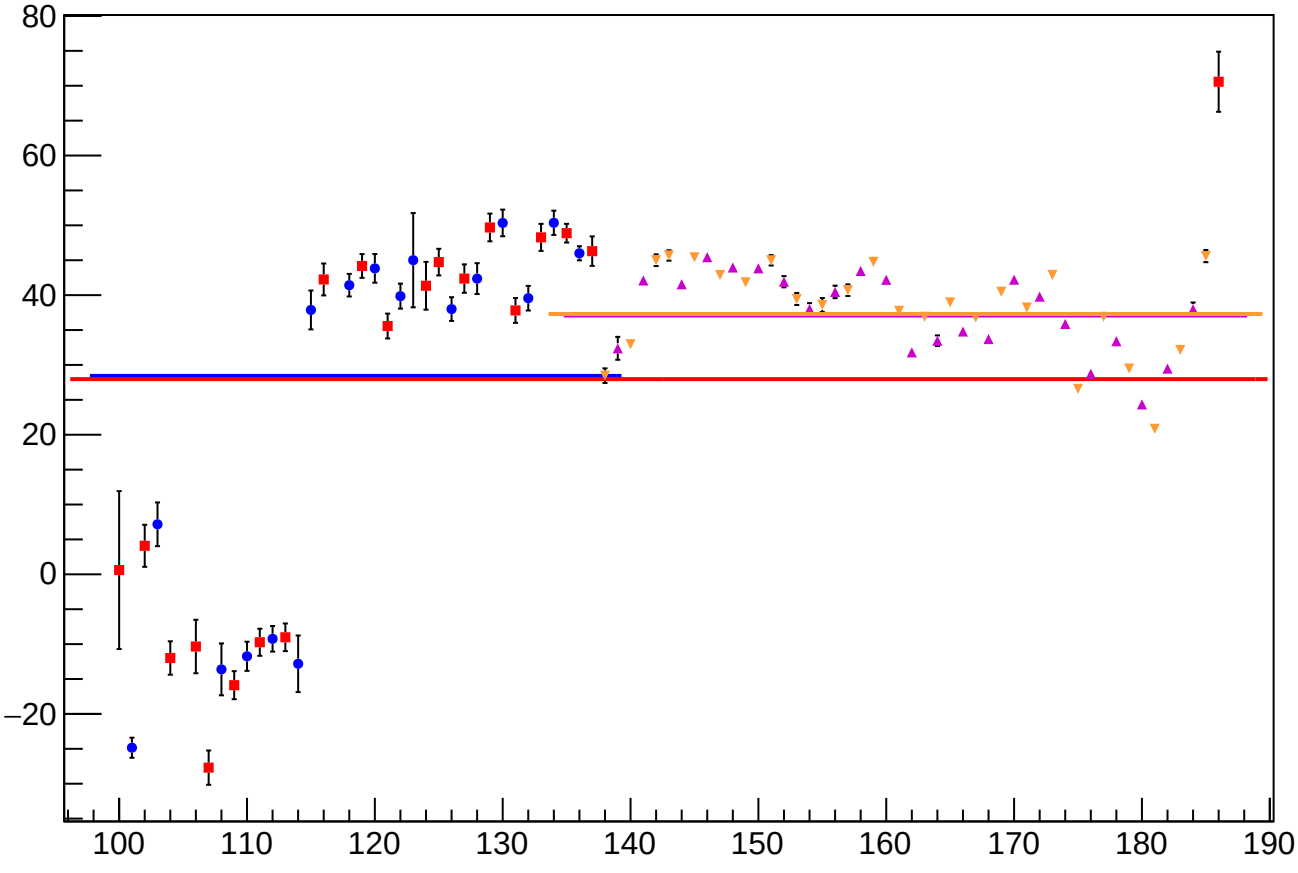
Right: -69.394+/-0.507 χ^2/NDF: 2407.9/36

In: -46.209+/-0.137 χ^2/NDF:18641.5/39

Out: -47.309+/-0.135 χ^2/NDF:23538.1/44

All: -46.764+/-0.096 χ^2/NDF: 42212.2/84

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 37.298+/-0.123 χ^2/NDF:3113.0/24

Right Out: 27.967+/-0.476 χ^2/NDF: 3132.0/19

Left In: 37.079+/-0.125 χ^2/NDF:2405.4/22

Left: 37.190+/-0.088 χ^2/NDF: 5519.9/47

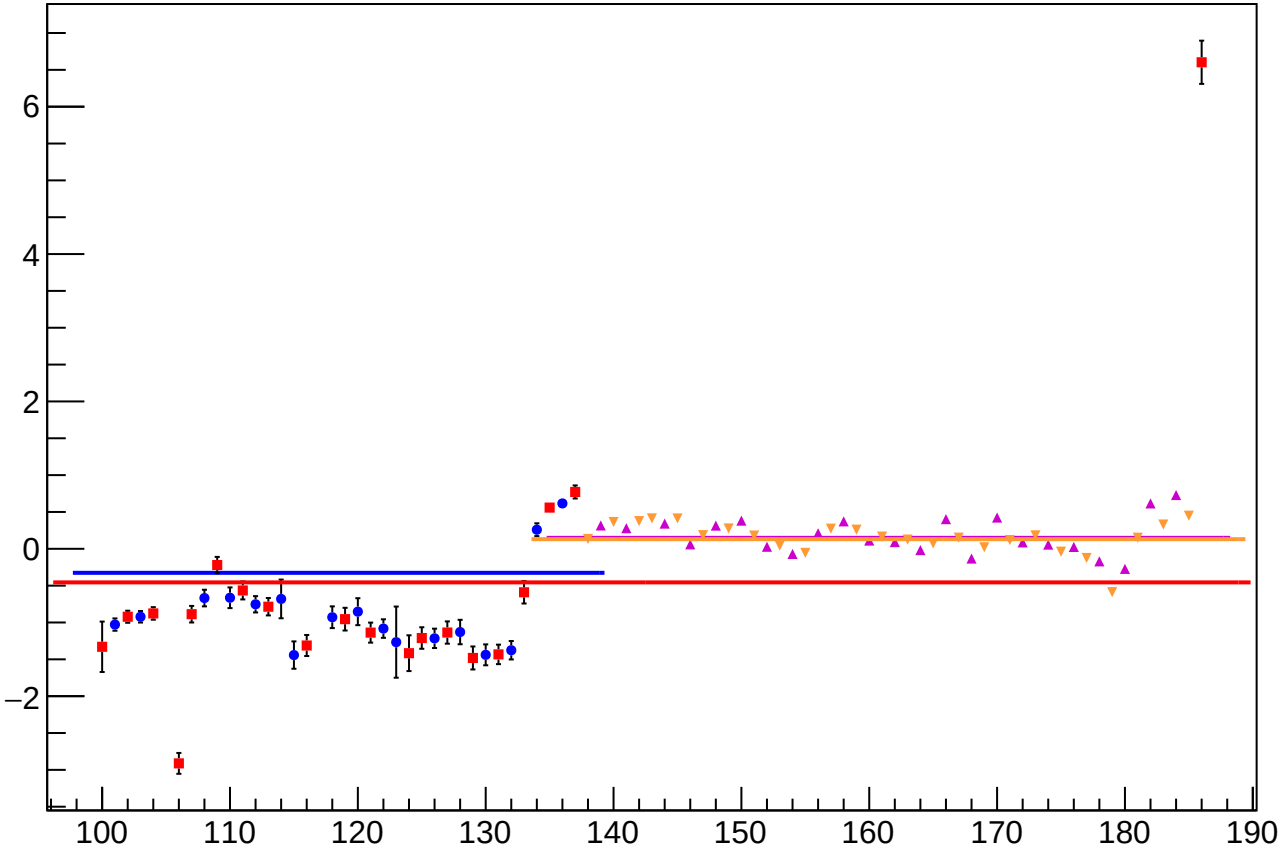
Right: 28.205+/-0.330 χ^2/NDF: 6462.8/36

In: 36.480+/-0.120 χ^2/NDF:6069.3/39

Out: 36.712+/-0.119 χ^2/NDF:6605.6/44

All: 36.597+/-0.085 χ^2/NDF: 12676.8/84

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.130+/-0.006 χ^2/NDF:1419.7/24

Right Out: -0.456+/-0.026 χ^2/NDF: 1753.3/19

Left In: 0.149+/-0.006 χ^2/NDF:1813.7/22

Left: 0.139+/-0.004 χ^2/NDF: 3238.6/47

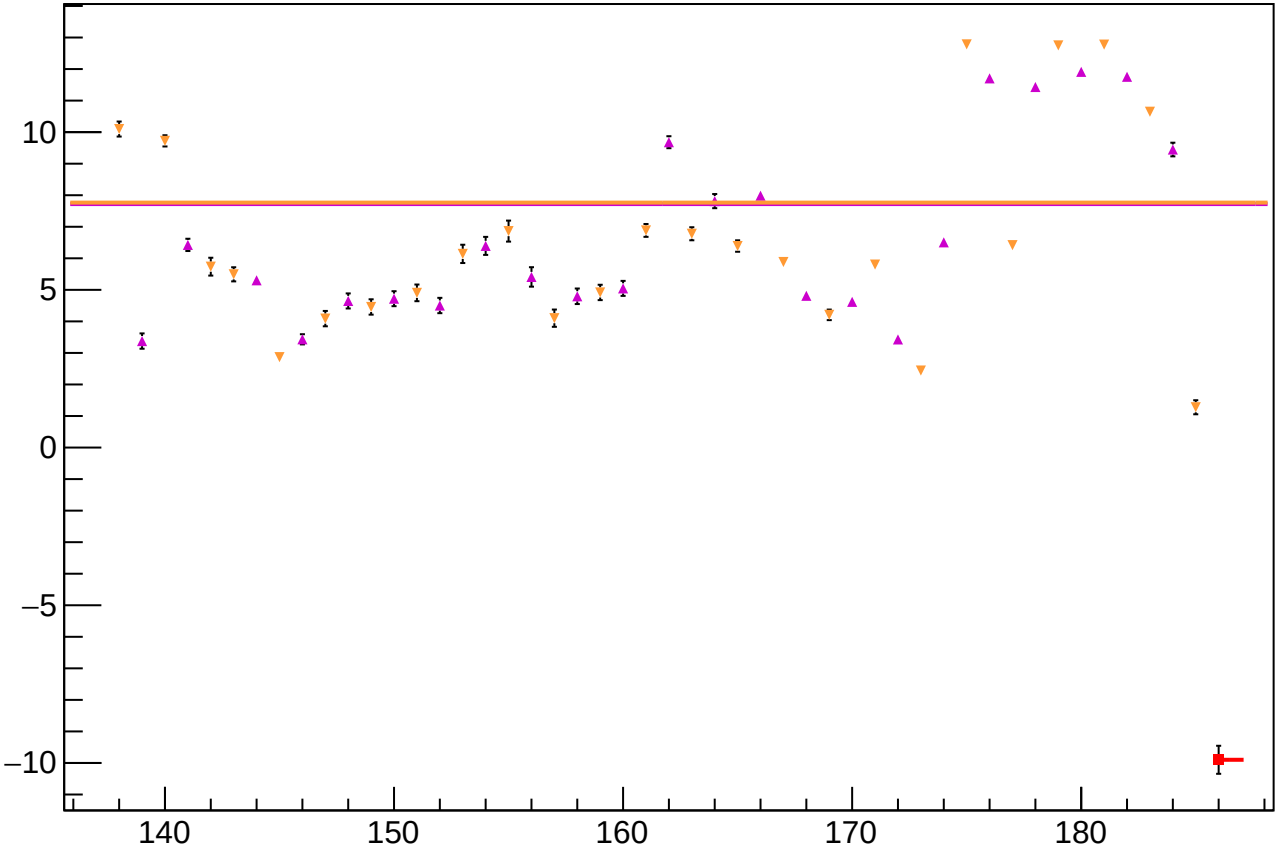
Right: -0.389+/-0.018 χ^2/NDF: 2779.5/36

In: 0.125+/-0.006 χ^2/NDF:3171.9/39

Out: 0.103+/-0.006 χ^2/NDF:3672.9/44

All: 0.114+/-0.004 χ^2/NDF: 6852.5/84

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 7.766+/-0.034 χ^2/NDF:11703.8/24

Right Out: -9.899+/-0.444 χ^2/NDF: 0.0/0

Left In: 7.719+/-0.035 χ^2/NDF:8490.5/22

Left: 7.743+/-0.025 χ^2/NDF: 20195.2/47

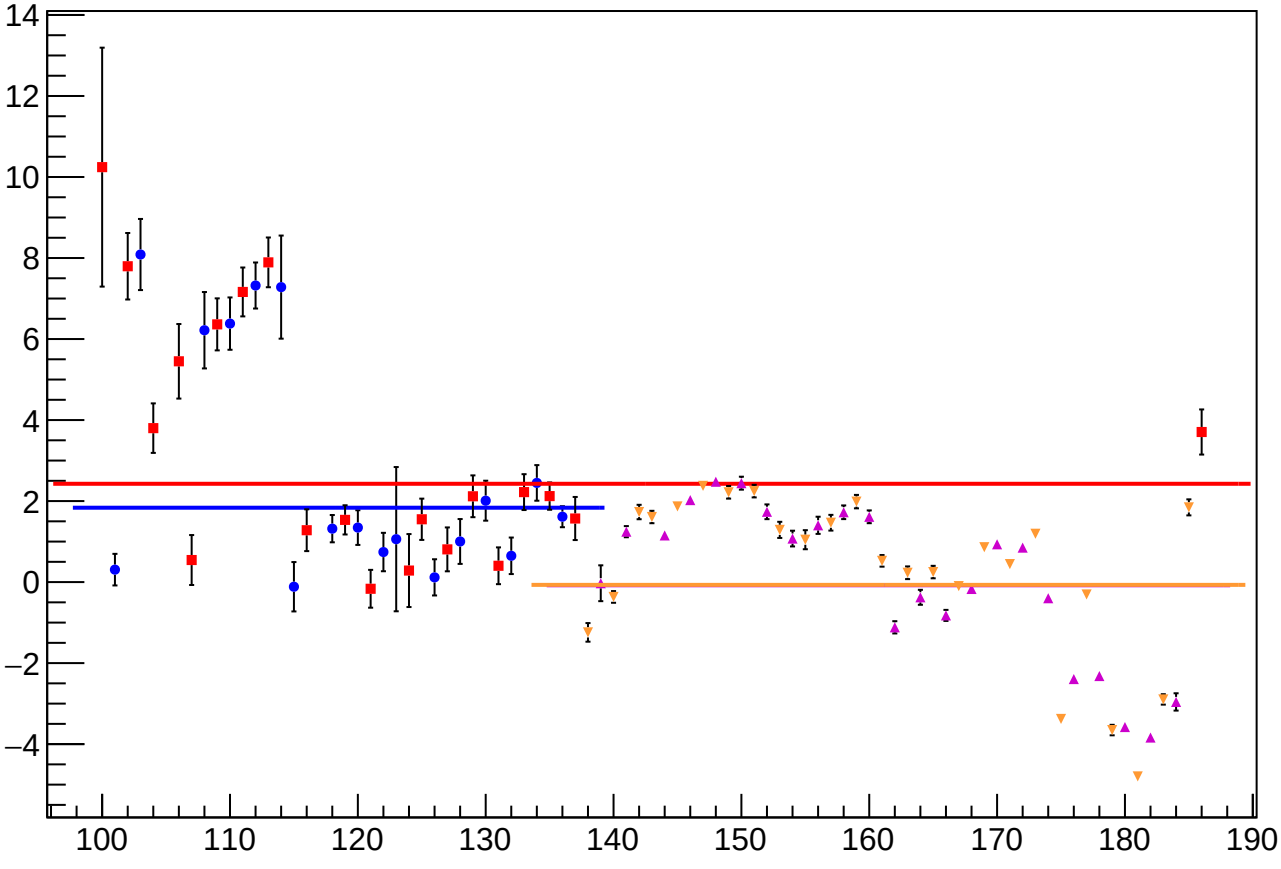
Right: -9.899+/-0.444 χ^2/NDF: 0.0/0

In: 7.719+/-0.035 χ^2/NDF:8490.5/22

Out: 7.661+/-0.034 χ^2/NDF:13275.6/25

All: 7.689+/-0.024 χ^2/NDF: 21767.5/48

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.836+/-0.116 χ^2/NDF: 294.9/16

Left Out: -0.069+/-0.028 χ^2/NDF:6033.5/24

Right Out: 2.427+/-0.120 χ^2/NDF: 341.9/19

Left In: -0.079+/-0.028 χ^2/NDF:4989.1/22

Left: -0.074+/-0.020 χ^2/NDF: 11022.7/47

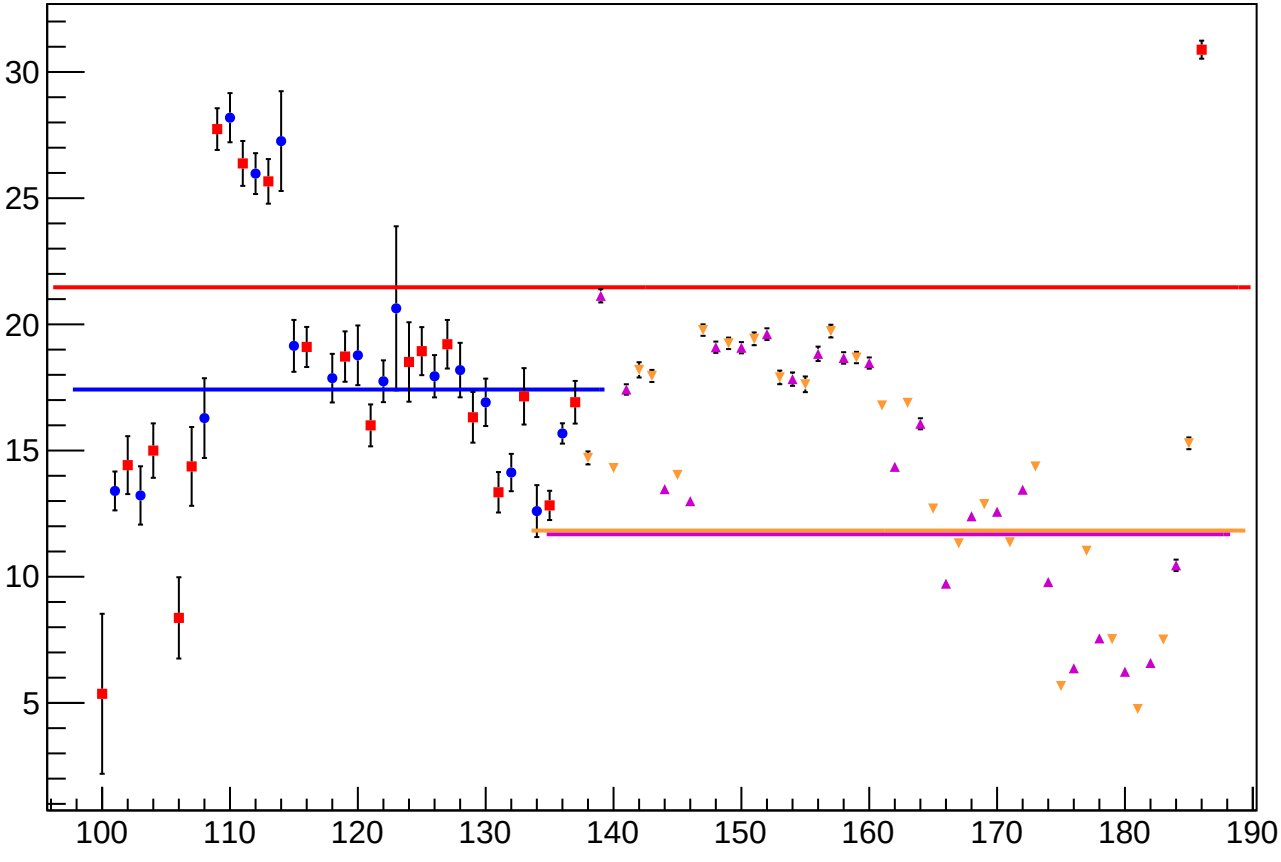
Right: 2.122+/-0.083 χ^2/NDF: 649.3/36

In: 0.028+/-0.027 χ^2/NDF:5541.1/39

Out: 0.059+/-0.027 χ^2/NDF:6787.4/44

All: 0.044+/-0.019 χ^2/NDF: 12329.1/84

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 11.830+/-0.035 χ^2/NDF:19032.5/24

Right Out: 21.470+/-0.187 χ^2/NDF: 1463.4/19

Left In: 11.683+/-0.035 χ^2/NDF:16927.3/22

Left: 11.757+/-0.025 χ^2/NDF: 35968.6/47

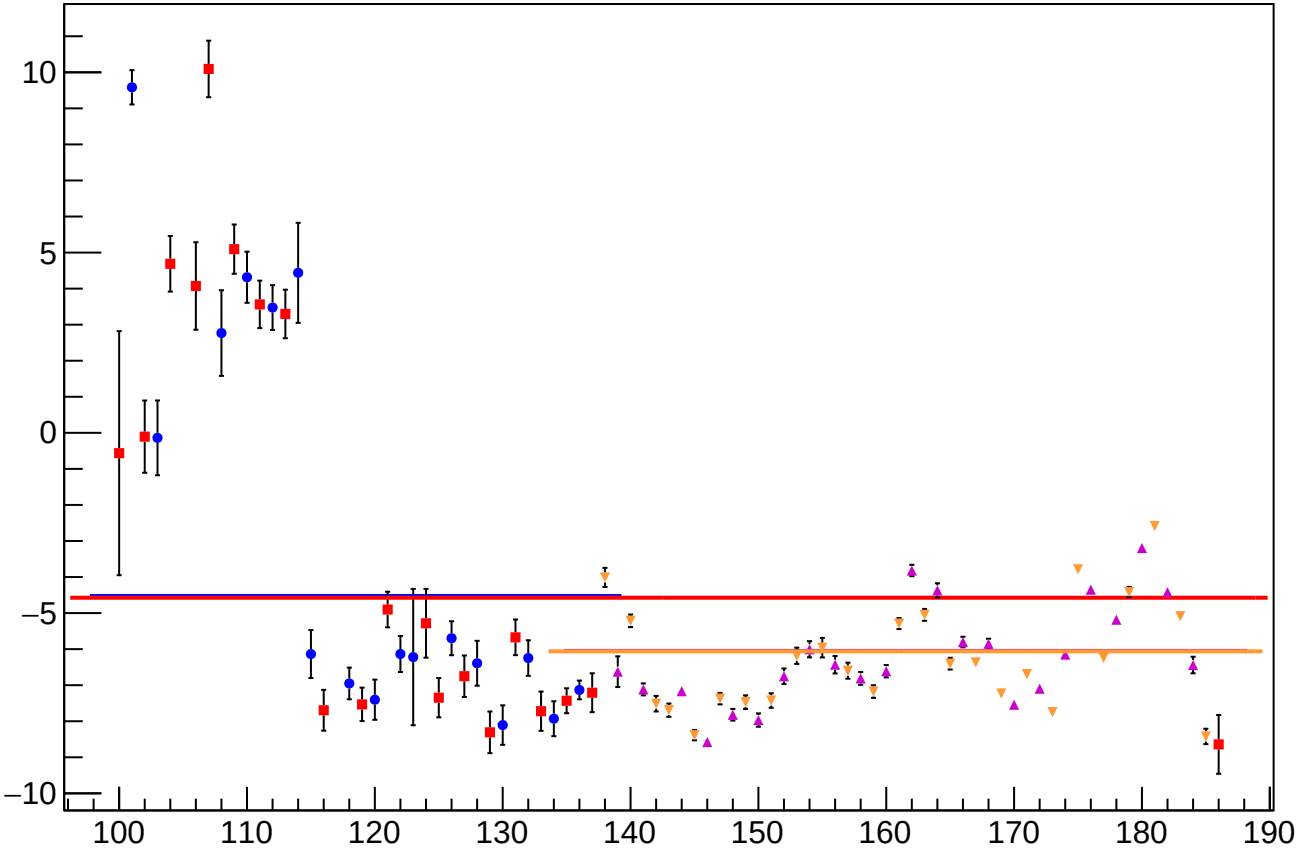
Right: 19.698+/-0.140 χ^2/NDF: 2036.3/36

In: 11.836+/-0.035 χ^2/NDF:18008.3/39

Out: 12.152+/-0.034 χ^2/NDF:23075.0/44

All: 11.996+/-0.024 χ^2/NDF: 41125.6/84

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.526+/-0.130 χ^2/NDF: 1590.2/16

Left Out: -6.061+/-0.031 χ^2/NDF:2649.3/24

Right Out: -4.574+/-0.135 χ^2/NDF: 1364.5/19

Left In: -6.050+/-0.032 χ^2/NDF:2303.3/22

Left: -6.055+/-0.022 χ^2/NDF: 4952.7/47

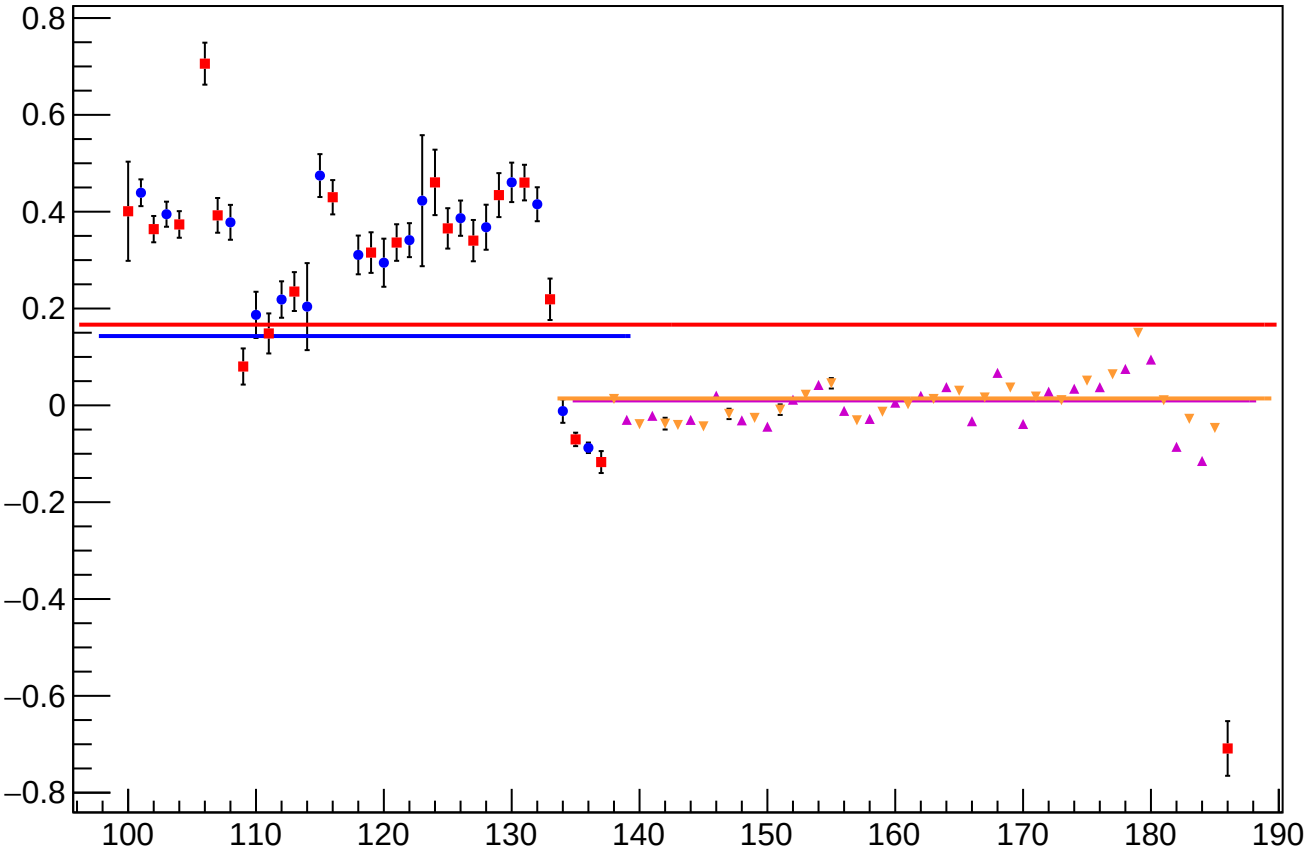
Right: -4.549+/-0.093 χ^2/NDF: 2954.7/36

In: -5.964+/-0.031 χ^2/NDF:4024.1/39

Out: -5.985+/-0.030 χ^2/NDF:4128.8/44

All: -5.975+/-0.022 χ^2/NDF: 8153.2/84

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143+/-0.007 χ^2/NDF: 1060.4/16

Left Out: 0.014+/-0.001 χ^2/NDF:950.9/24

Right Out: 0.167+/-0.007 χ^2/NDF: 1252.2/19

Left In: 0.010+/-0.001 χ^2/NDF:1224.5/22

Left: 0.012+/-0.001 χ^2/NDF: 2179.5/47

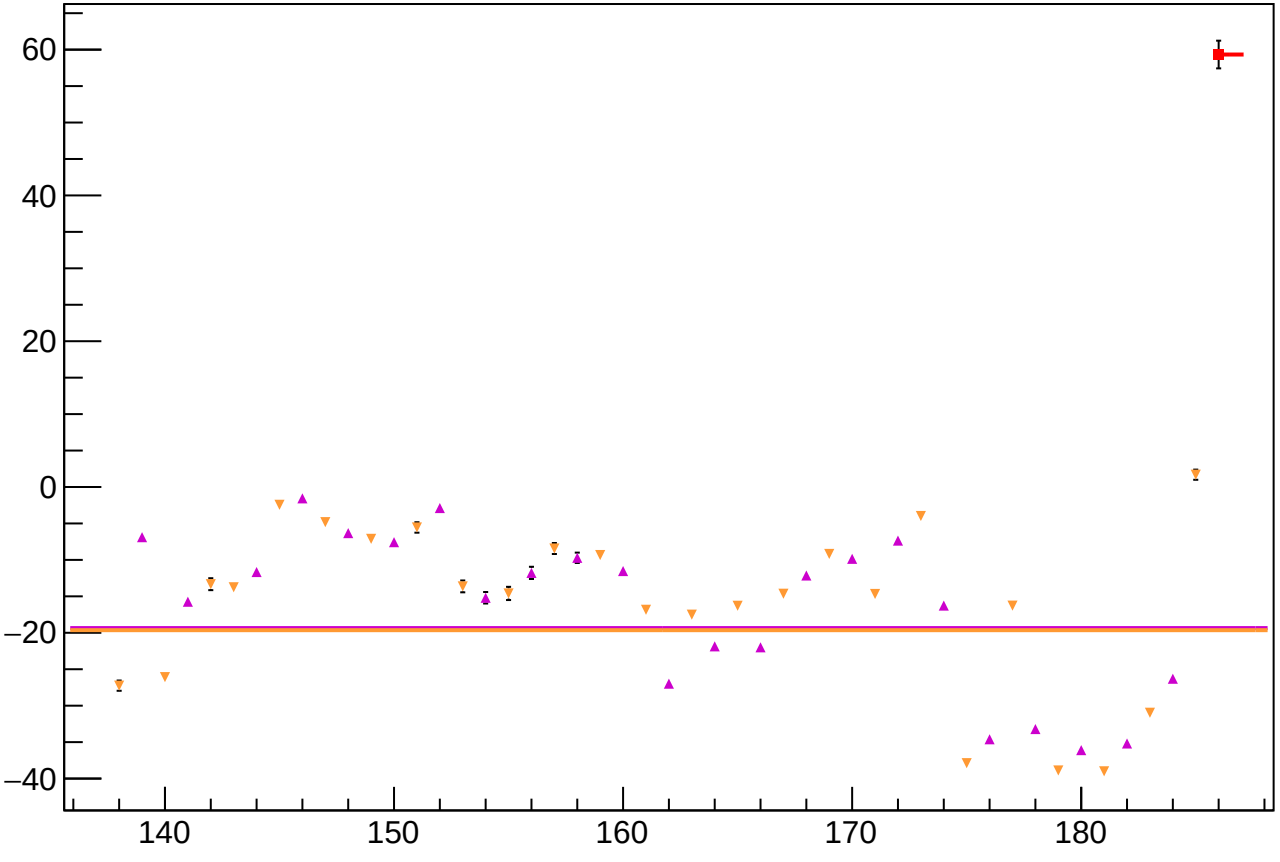
Right: 0.154+/-0.005 χ^2/NDF: 2317.9/36

In: 0.016+/-0.001 χ^2/NDF:2626.1/39

Out: 0.020+/-0.001 χ^2/NDF:2620.3/44

All: 0.018+/-0.001 χ^2/NDF: 5251.1/84

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -19.642+/-0.103 χ^2/NDF:15730.6/24

Right Out: 59.330+/-1.901 χ^2/NDF: 0.0/0

Left In: -19.355+/-0.105 χ^2/NDF:12417.1/22

Left: -19.501+/-0.074 χ^2/NDF: 28151.5/47

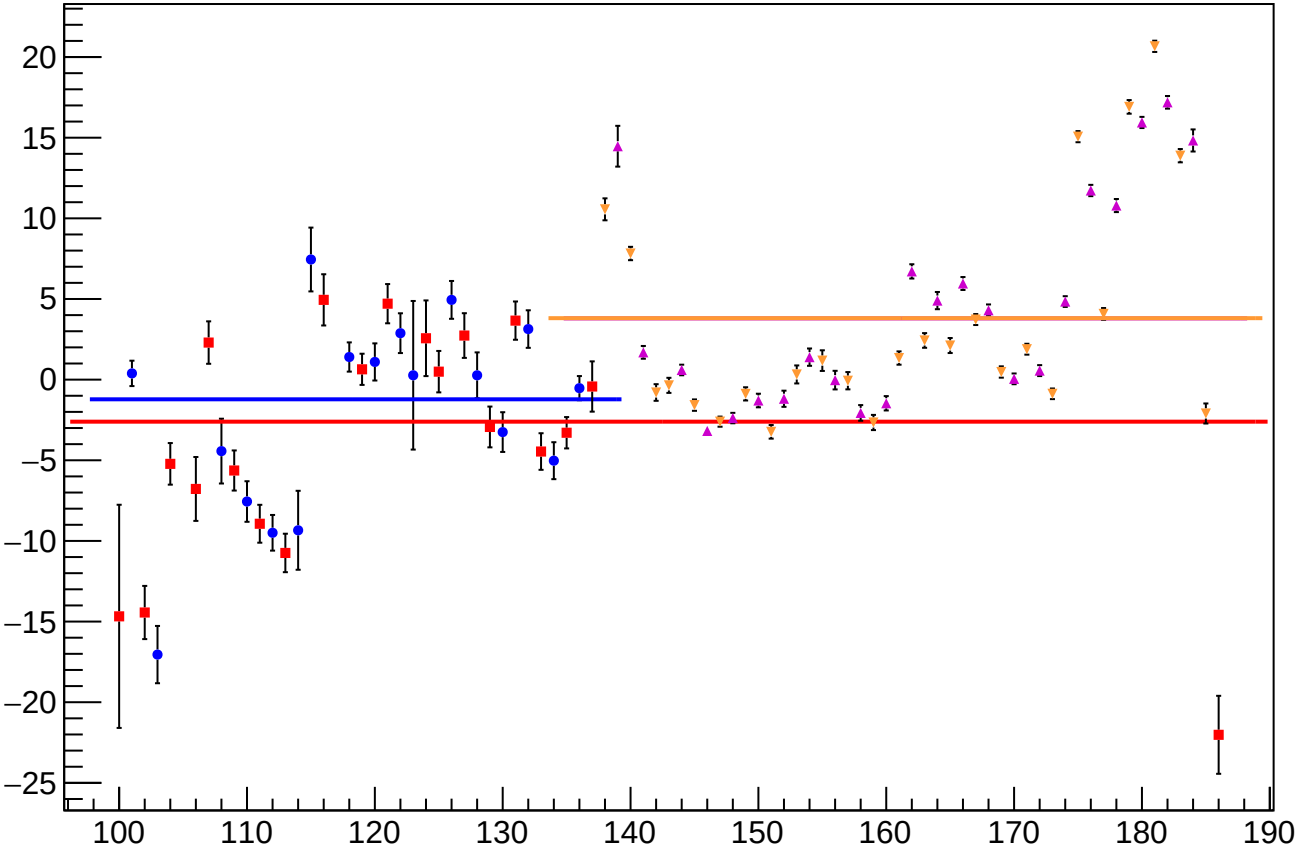
Right: 59.330+/-1.901 χ^2/NDF: 0.0/0

In: -19.355+/-0.105 χ^2/NDF:12417.1/22

Out: -19.410+/-0.103 χ^2/NDF:17452.0/25

All: -19.383+/-0.073 χ^2/NDF: 29869.2/48

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220+/-0.290 χ^2/NDF: 278.6/16

Left Out: 3.811+/-0.082 χ^2/NDF:7118.3/24

Right Out: -2.606+/-0.300 χ^2/NDF: 351.7/19

Left In: 3.795+/-0.083 χ^2/NDF:5534.4/22

Left: 3.803+/-0.059 χ^2/NDF: 12652.7/47

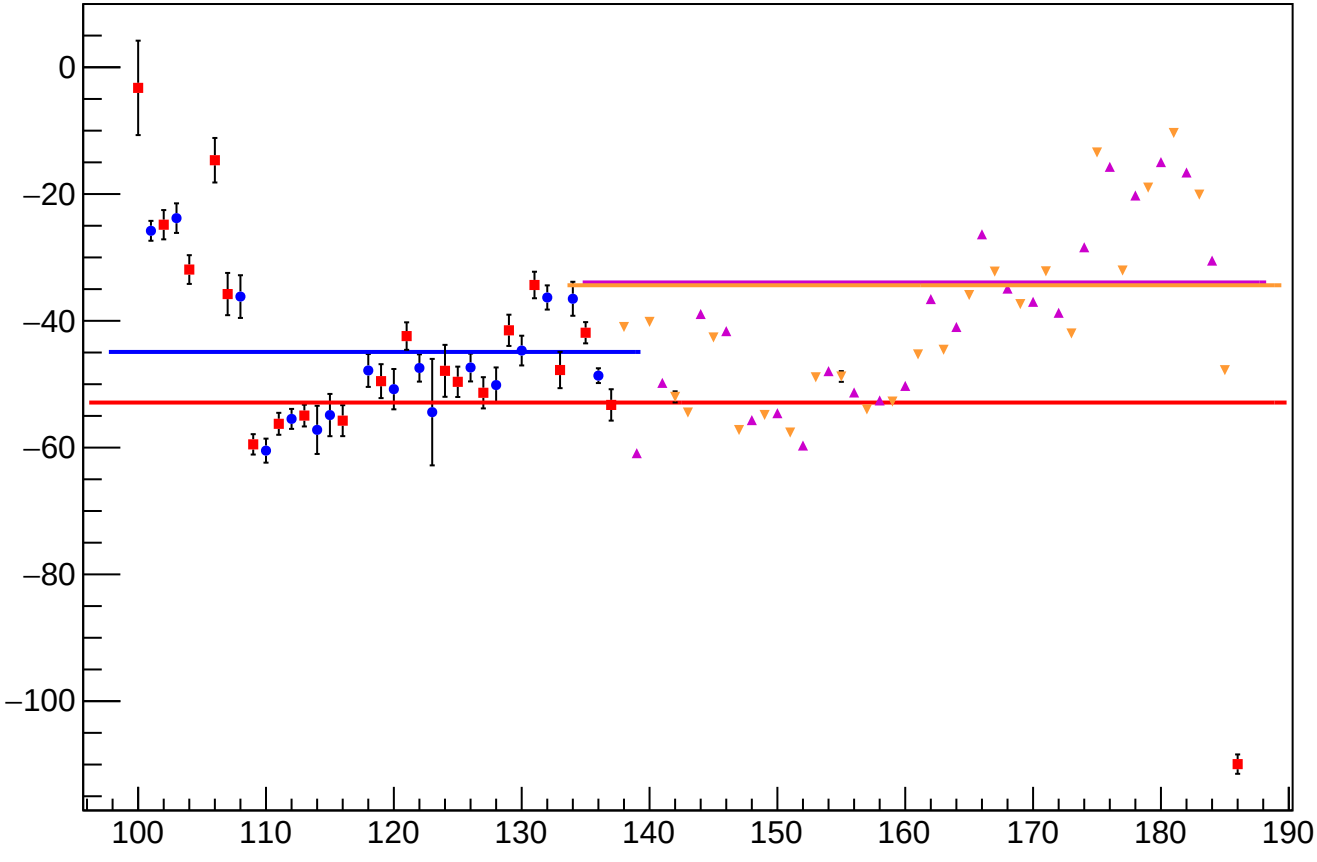
Right: -1.889+/-0.209 χ^2/NDF: 641.4/36

In: 3.413+/-0.080 χ^2/NDF:6089.3/39

Out: 3.362+/-0.079 χ^2/NDF:7895.3/44

All: 3.387+/-0.056 χ^2/NDF: 13984.8/84

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -34.389+/-0.104 χ^2/NDF:20032.2/24

Right Out: -52.892+/-0.499 χ^2/NDF: 2015.0/19

Left In: -33.946+/-0.105 χ^2/NDF:17855.4/22

Left: -34.169+/-0.074 χ^2/NDF: 37896.7/47

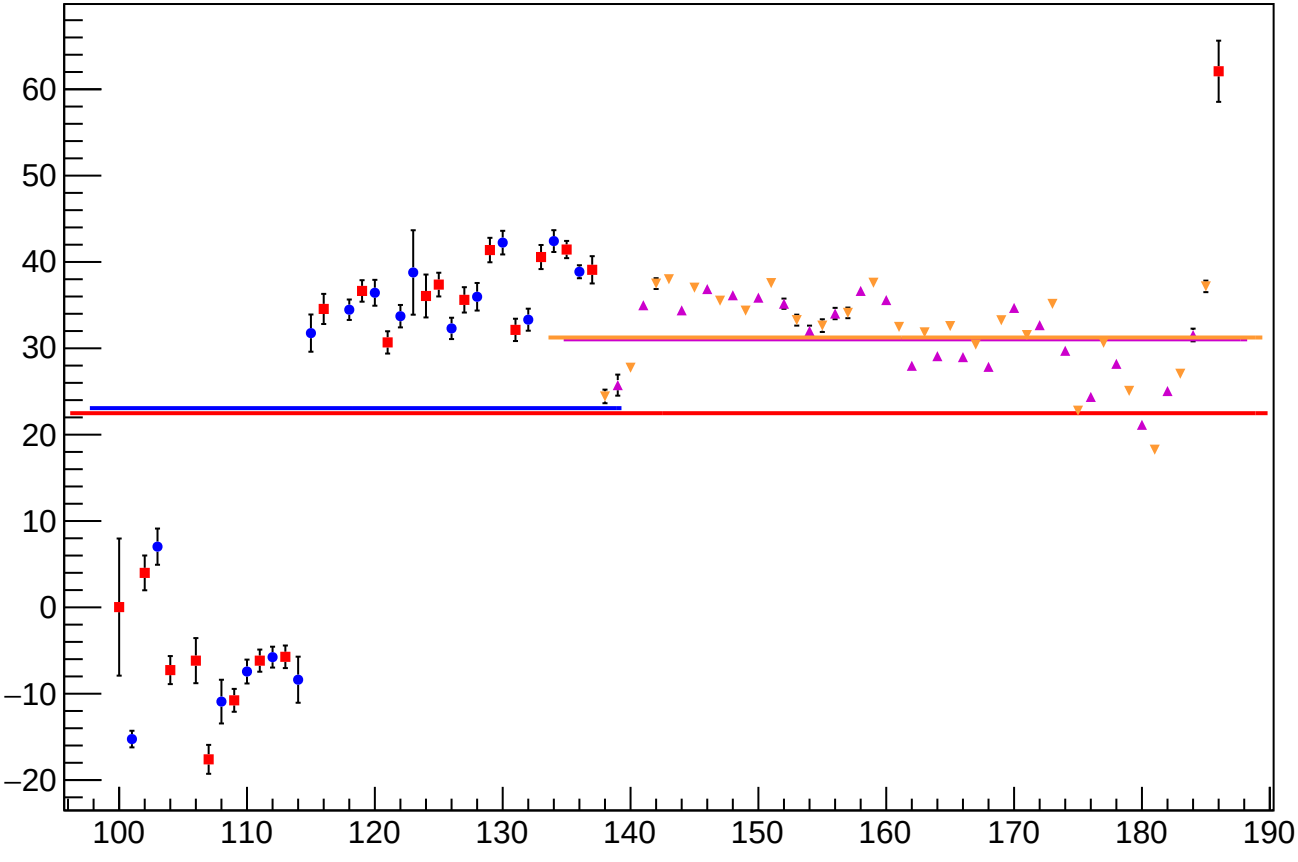
Right: -49.082+/-0.361 χ^2/NDF: 2558.3/36

In: -34.370+/-0.103 χ^2/NDF:18699.7/39

Out: -35.160+/-0.102 χ^2/NDF:23363.6/44

All: -34.769+/-0.072 χ^2/NDF: 42093.1/84

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 31.252+/-0.093 χ^2/NDF:3305.3/24

Right Out: 22.487+/-0.338 χ^2/NDF: 4160.5/19

Left In: 31.040+/-0.094 χ^2/NDF:2488.6/22

Left: 31.147+/-0.066 χ^2/NDF: 5796.5/47

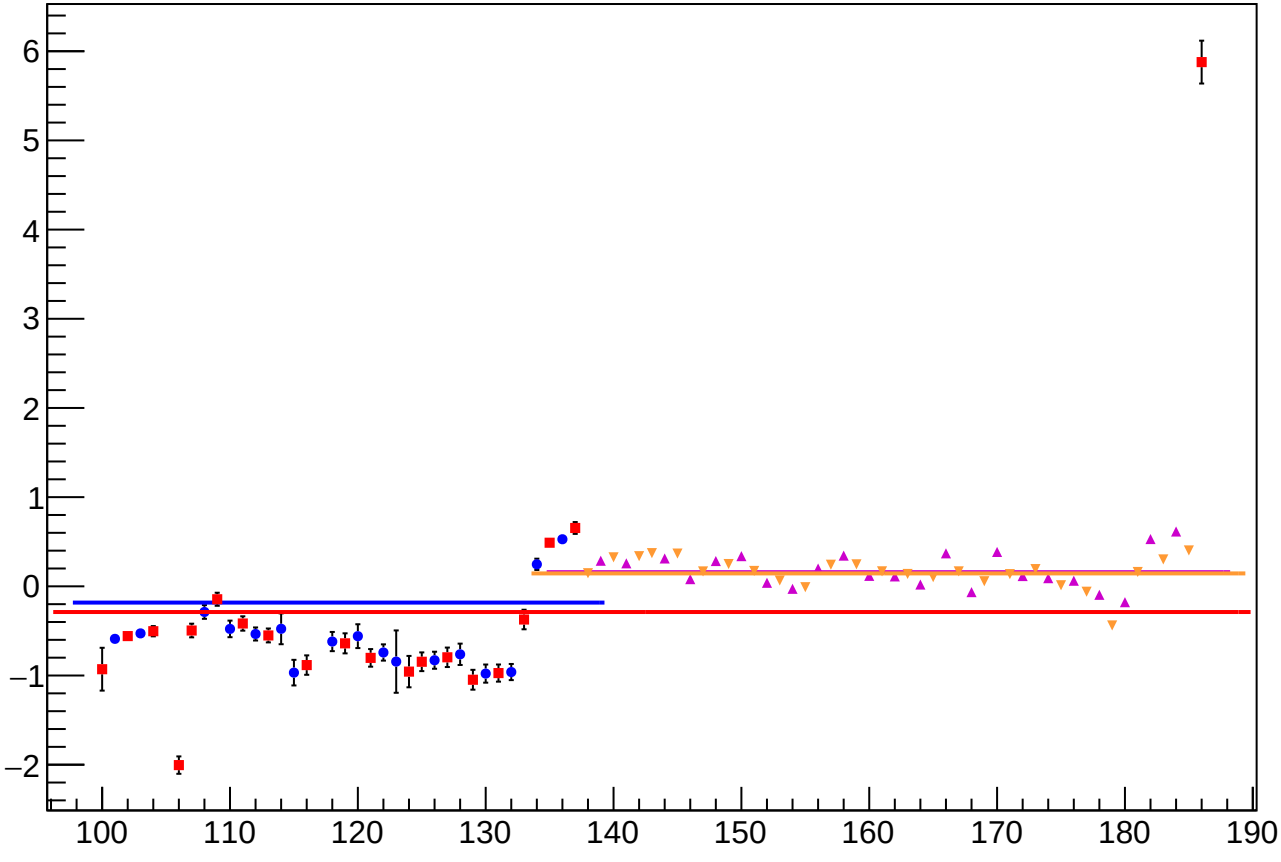
Right: 22.791+/-0.235 χ^2/NDF: 8508.0/36

In: 30.430+/-0.090 χ^2/NDF:7386.1/39

Out: 30.642+/-0.089 χ^2/NDF:8090.3/44

All: 30.537+/-0.063 χ^2/NDF: 15479.2/84

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.145+/-0.004 χ^2/NDF:1572.6/24

Right Out: -0.288+/-0.018 χ^2/NDF: 1846.8/19

Left In: 0.159+/-0.004 χ^2/NDF:2020.5/22

Left: 0.152+/-0.003 χ^2/NDF: 3598.6/47

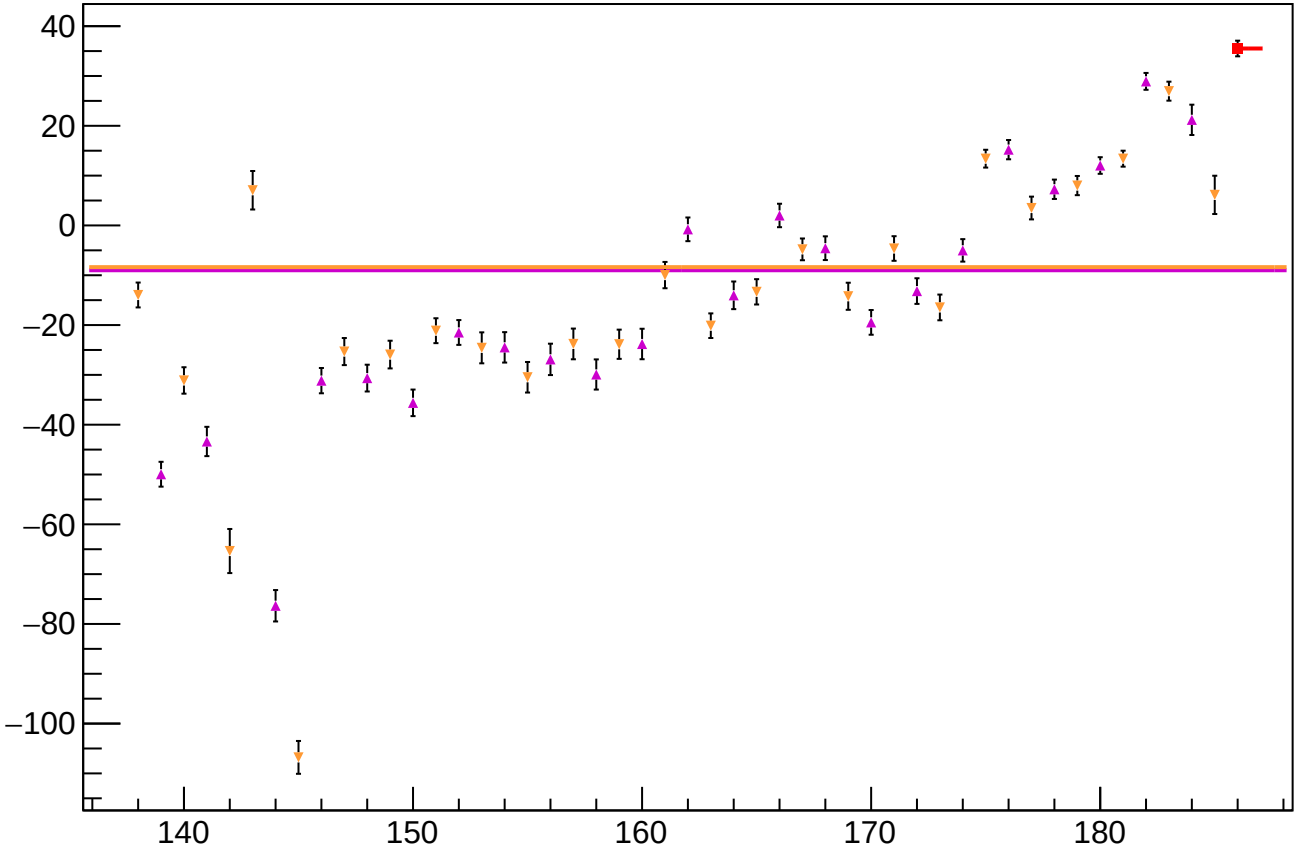
Right: -0.234+/-0.013 χ^2/NDF: 2862.3/36

In: 0.140+/-0.004 χ^2/NDF:3368.7/39

Out: 0.122+/-0.004 χ^2/NDF:3961.1/44

All: 0.131+/-0.003 χ^2/NDF: 7339.0/84

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -8.375+/-0.500 χ^2/NDF:2224.0/24

Right Out: 35.518+/-1.571 χ^2/NDF: 0.0/0

Left In: -8.995+/-0.505 χ^2/NDF:2308.2/22

Left: -8.682+/-0.355 χ^2/NDF: 4533.0/47

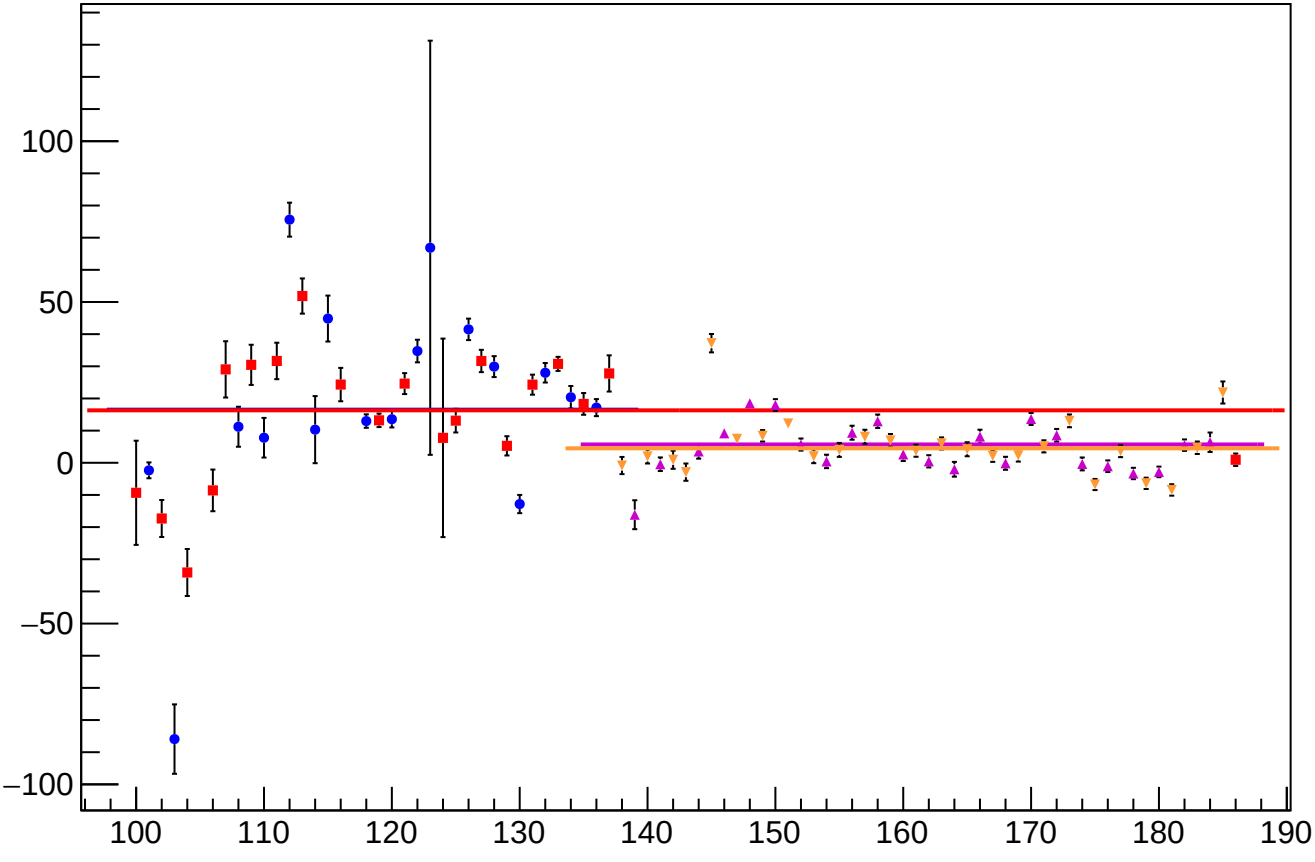
Right: 35.518+/-1.571 χ^2/NDF: 0.0/0

In: -8.995+/-0.505 χ^2/NDF:2308.2/22

Out: -4.336+/-0.477 χ^2/NDF:2932.4/25

All: -6.531+/-0.347 χ^2/NDF: 5285.7/48

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 4.494+/-0.393 χ^2/NDF:372.1/24

Right Out: 16.307+/-0.815 χ^2/NDF: 318.2/19

Left In: 5.699+/-0.403 χ^2/NDF:329.1/22

Left: 5.081+/-0.281 χ^2/NDF: 705.8/47

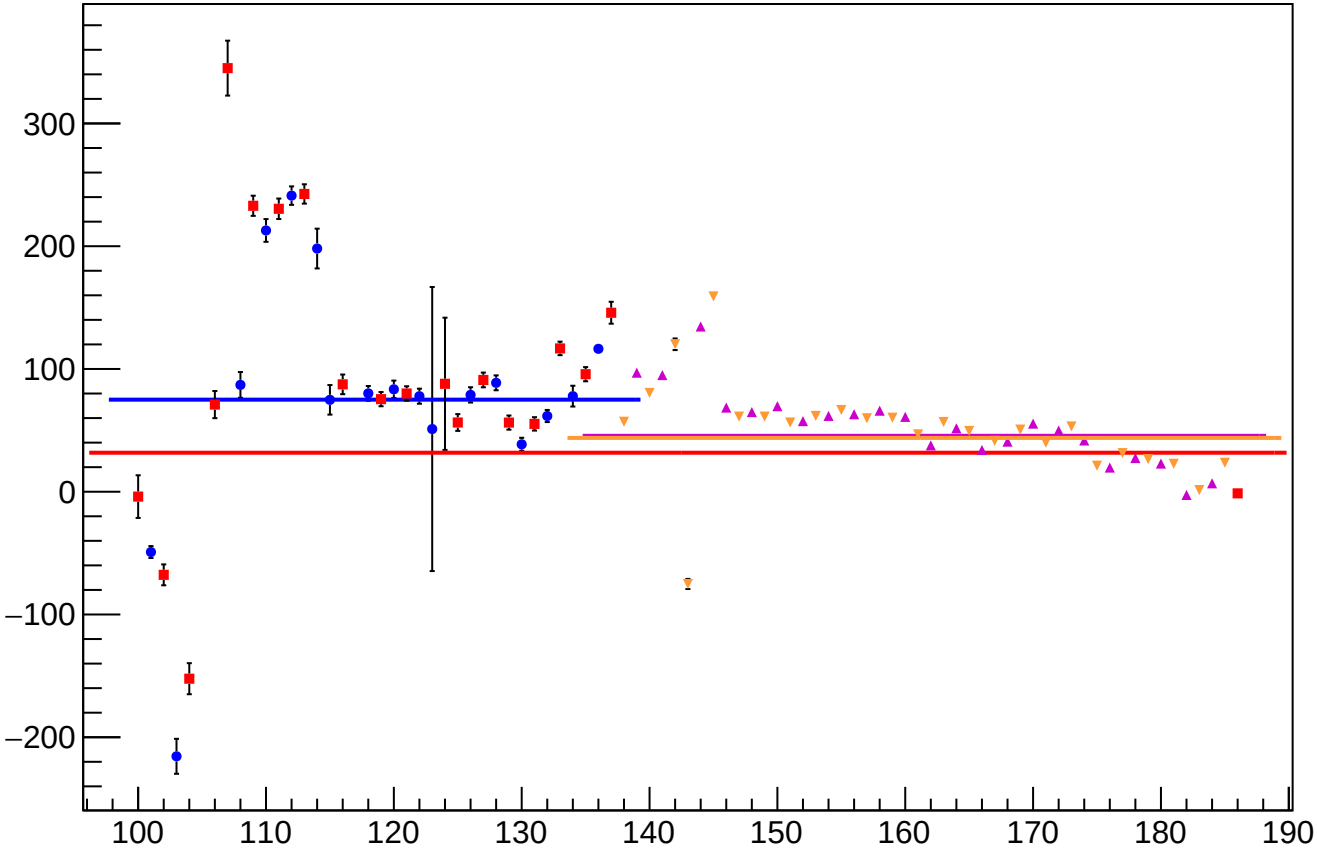
Right: 16.406+/-0.587 χ^2/NDF: 837.9/36

In: 7.695+/-0.364 χ^2/NDF:981.5/39

Out: 6.720+/-0.354 χ^2/NDF:860.8/44

All: 7.194+/-0.254 χ^2/NDF: 1846.0/84

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 43.840+/-0.499 χ^2/NDF:3680.9/24

Right Out: 31.786+/-1.013 χ^2/NDF: 3981.6/19

Left In: 45.559+/-0.502 χ^2/NDF:3152.4/22

Left: 44.693+/-0.354 χ^2/NDF: 6839.2/47

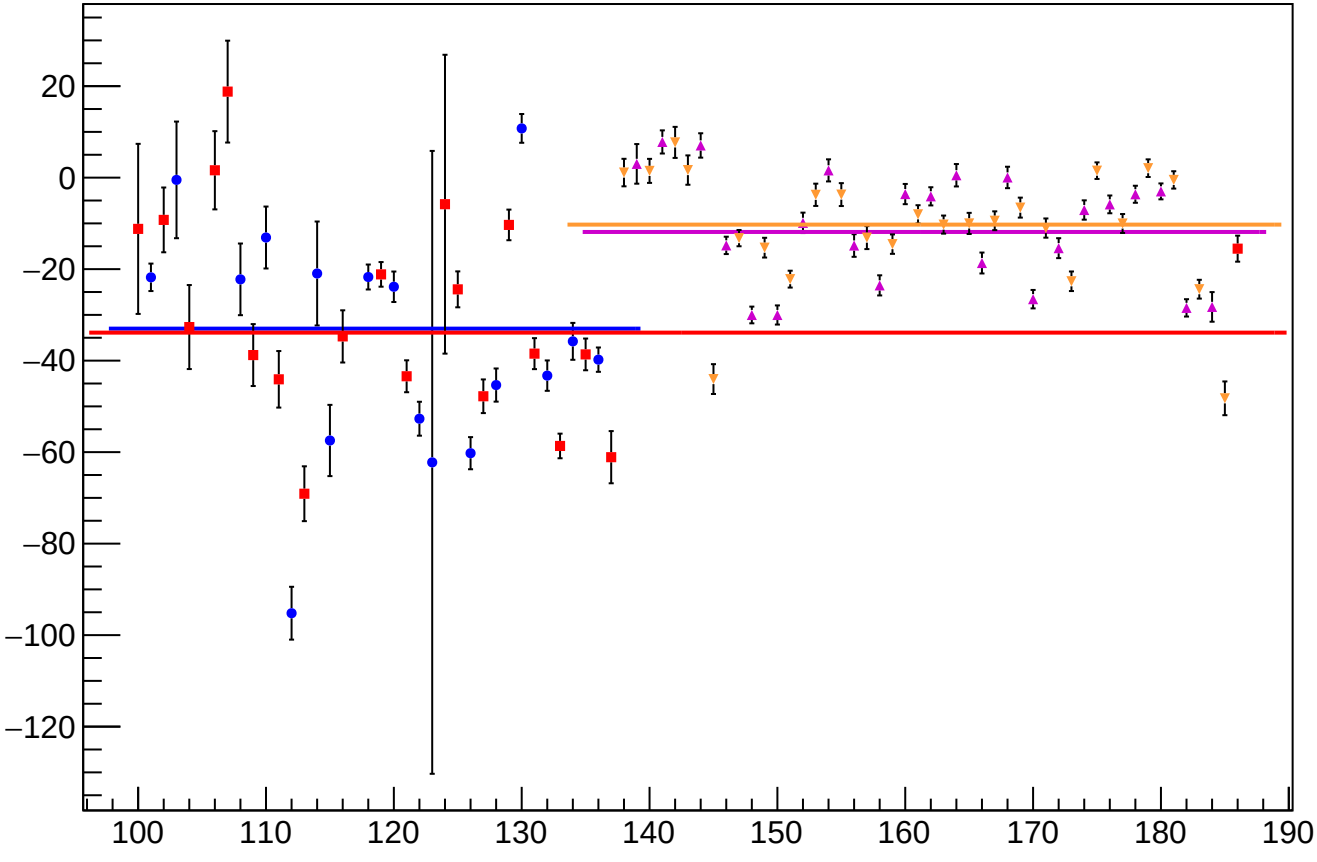
Right: 43.767+/-0.861 χ^2/NDF: 6485.5/36

In: 48.098+/-0.480 χ^2/NDF:5447.9/39

Out: 41.486+/-0.448 χ^2/NDF:7776.5/44

All: 44.559+/-0.327 χ^2/NDF: 13325.7/84

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -10.267+/-0.445 χ^2/NDF:553.7/24

Right Out: -33.877+/-0.965 χ^2/NDF: 344.1/19

Left In: -11.875+/-0.455 χ^2/NDF:668.4/22

Left: -11.053+/-0.318 χ^2/NDF: 1228.5/47

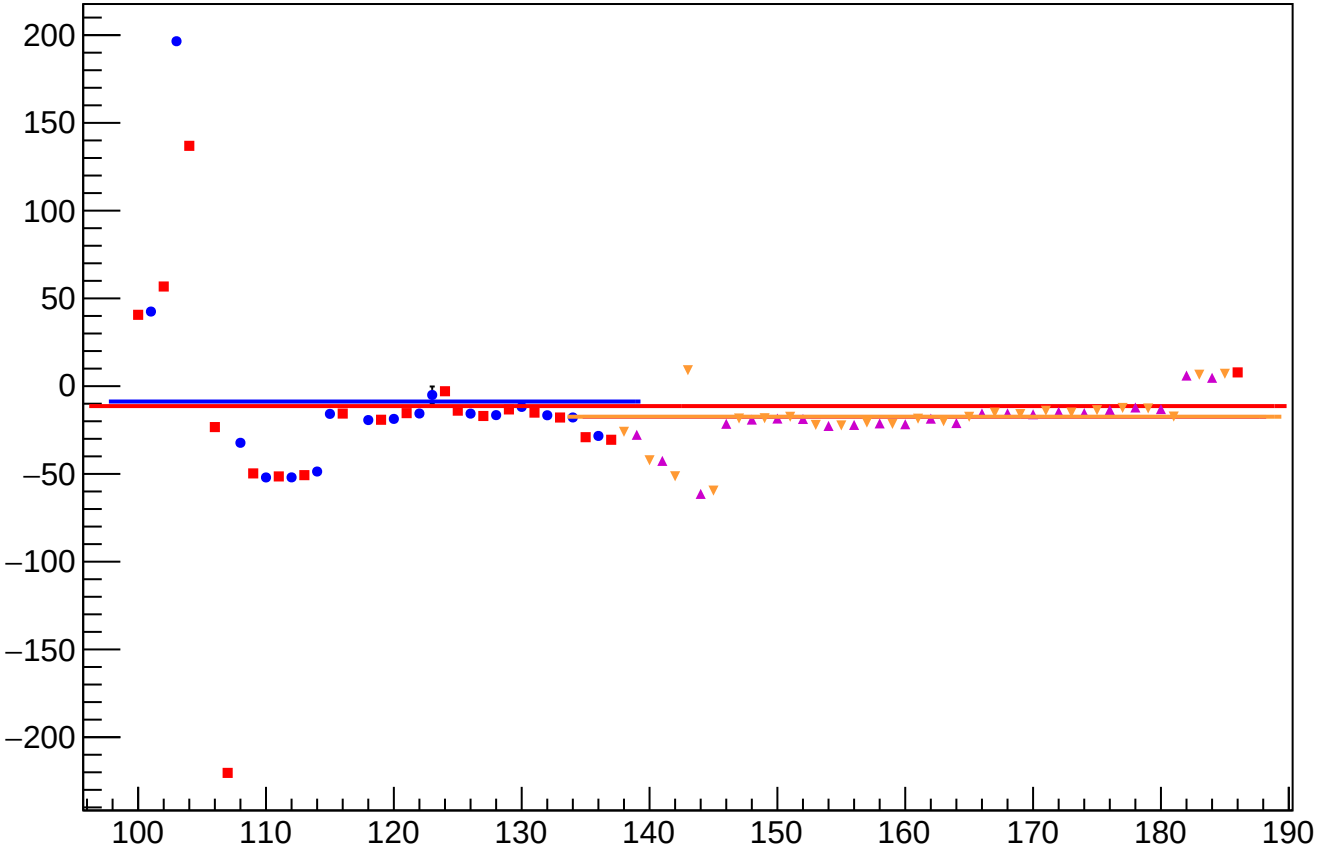
Right: -33.444+/-0.685 χ^2/NDF: 837.5/36

In: -15.671+/-0.412 χ^2/NDF:1549.3/39

Out: -14.409+/-0.404 χ^2/NDF:1391.8/44

All: -15.028+/-0.288 χ^2/NDF: 2945.9/84

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -17.411+/-0.020 χ^2/NDF:320231.3/24

Right Out: -11.356+/-0.059 χ^2/NDF: 568466.8/19

Left In: -17.552+/-0.021 χ^2/NDF:261900.3/22

Left: -17.481+/-0.015 χ^2/NDF: 582155.3/47

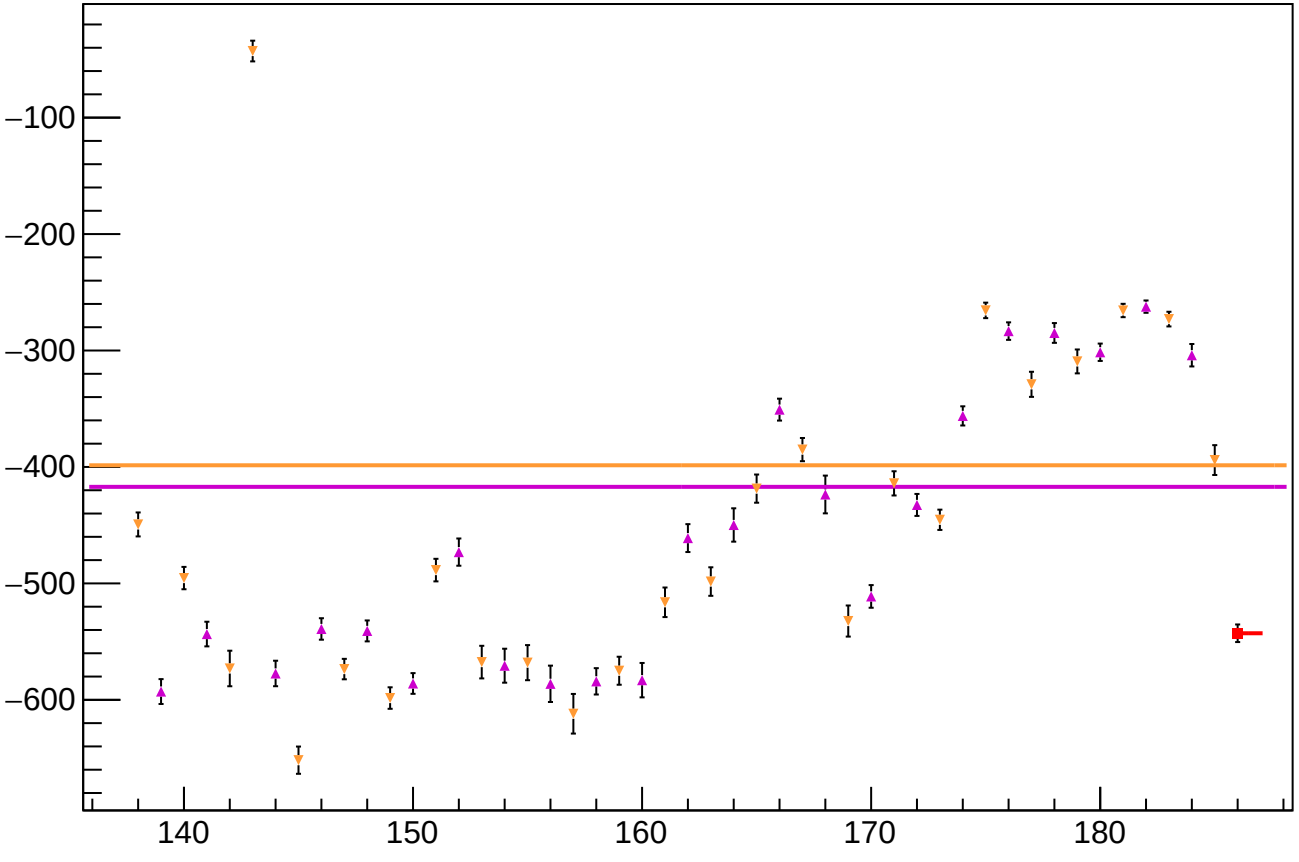
Right: -10.048+/-0.042 χ^2/NDF: 1145456.7/36

In: -16.591+/-0.019 χ^2/NDF:857866.2/39

Out: -16.763+/-0.019 χ^2/NDF:898090.7/44

All: -16.678+/-0.014 χ^2/NDF: 1755996.6/84

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -398.556+/-1.962 χ^2/NDF:5659.5/24

Right Out: -542.818+/-7.555 χ^2/NDF: 0.0/0

Left In: -417.080+/-1.997 χ^2/NDF:3958.5/22

Left: -407.653+/-1.399 χ^2/NDF: 9661.9/47

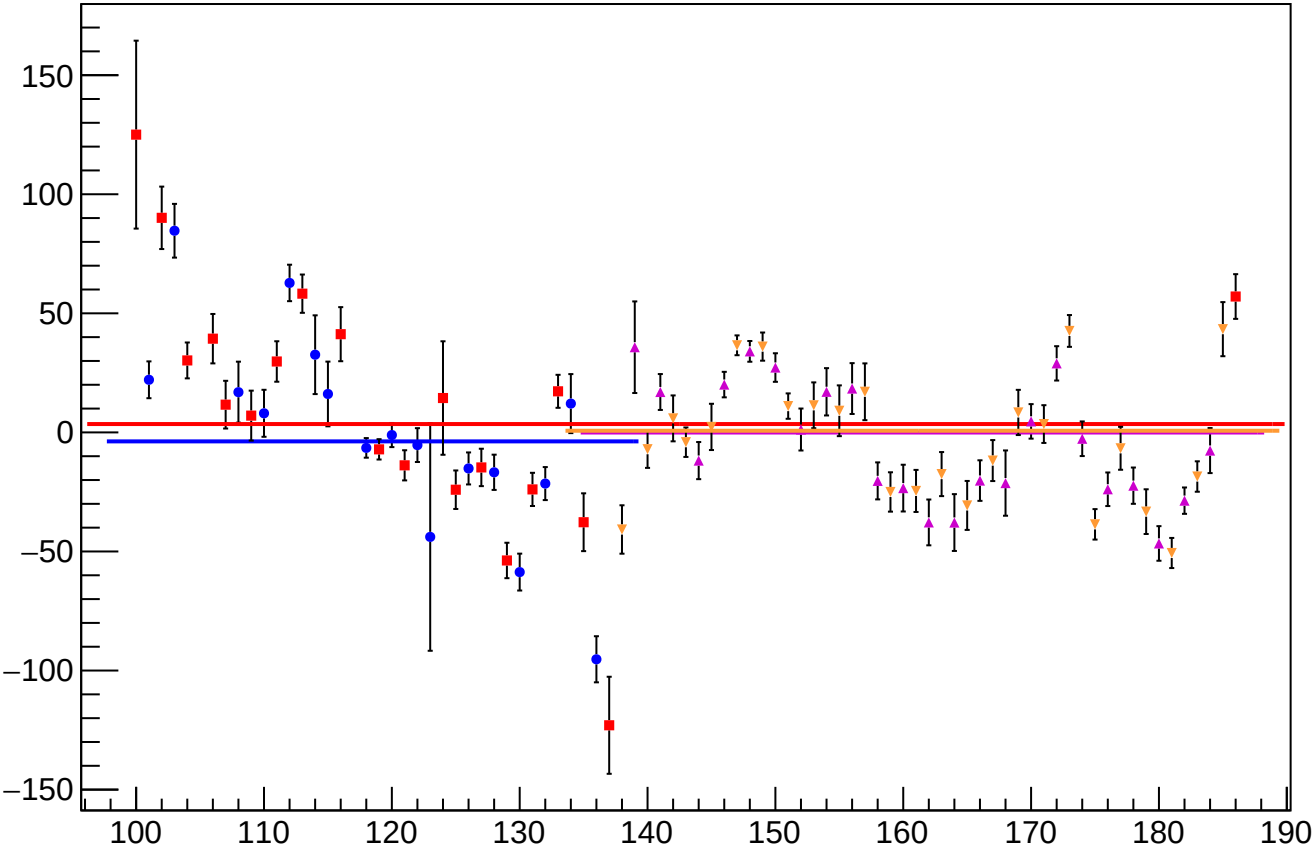
Right: -542.818+/-7.555 χ^2/NDF: 0.0/0

In: -417.080+/-1.997 χ^2/NDF:3958.5/22

Out: -407.668+/-1.899 χ^2/NDF:6001.2/25

All: -412.136+/-1.376 χ^2/NDF: 9971.4/48

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: 0.697+/-1.510 χ^2/NDF:349.9/24

Right Out: 3.507+/-1.881 χ^2/NDF: 337.6/19

Left In: -0.052+/-1.571 χ^2/NDF:264.1/22

Left: 0.337+/-1.089 χ^2/NDF: 614.1/47

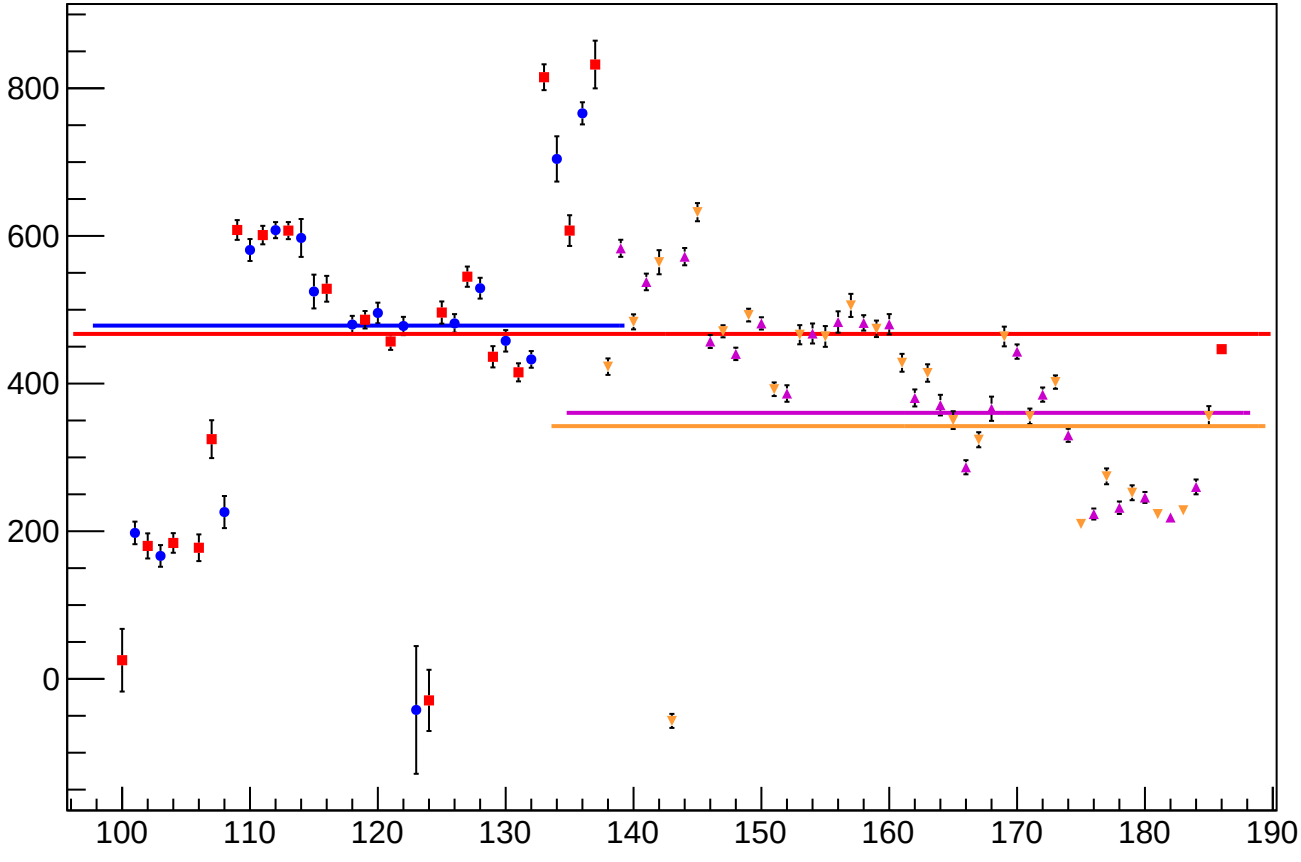
Right: -0.119+/-1.333 χ^2/NDF: 659.4/36

In: -1.574+/-1.208 χ^2/NDF:580.8/39

Out: 1.798+/-1.178 χ^2/NDF:688.9/44

All: 0.154+/-0.843 χ^2/NDF: 1273.6/84

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 342.368+/-1.970 χ^2/NDF:5181.7/24

Right Out: 467.257+/-3.049 χ^2/NDF: 2302.8/19

Left In: 360.355+/-1.996 χ^2/NDF:3449.9/22

Left: 351.245+/-1.402 χ^2/NDF: 8672.8/47

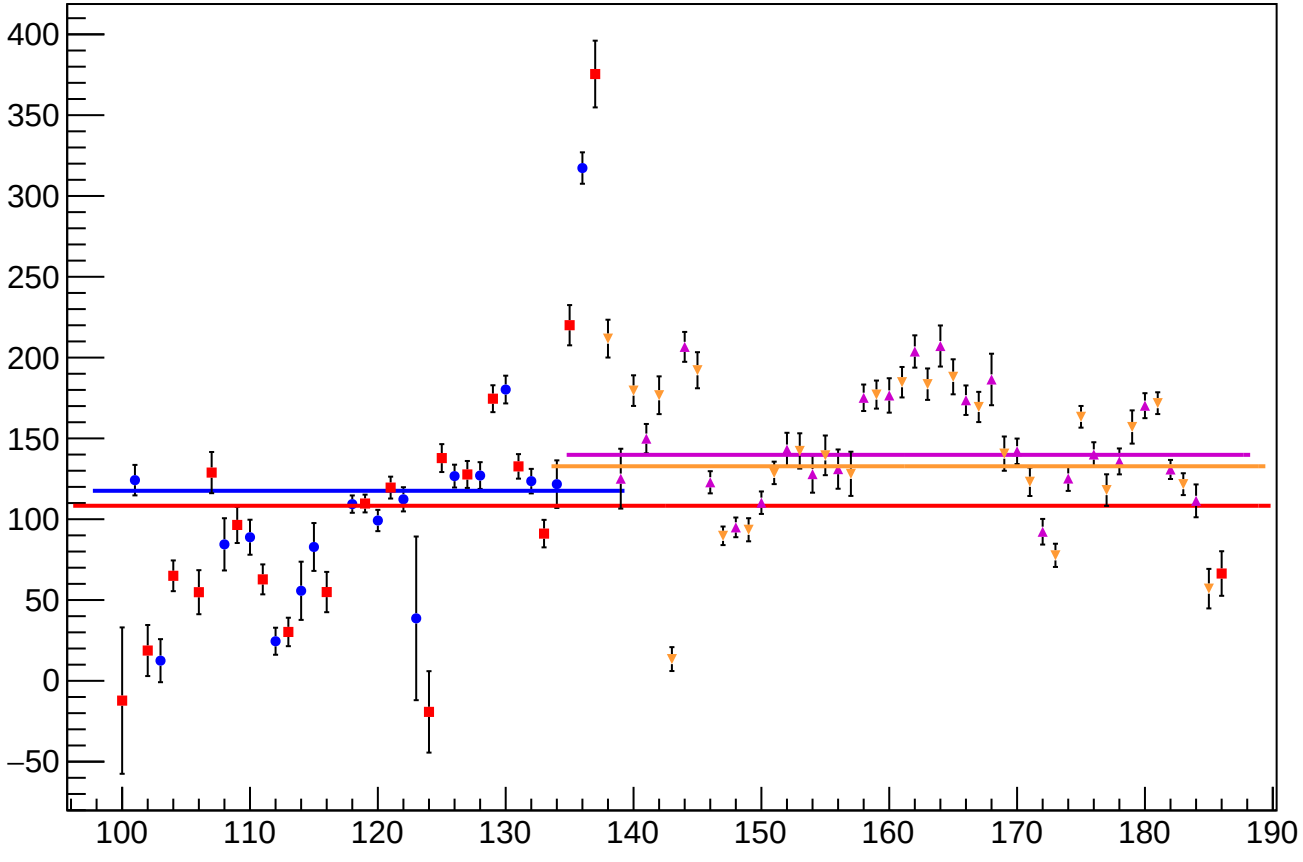
Right: 471.919+/-2.335 χ^2/NDF: 3937.5/36

In: 387.778+/-1.749 χ^2/NDF:5892.7/39

Out: 379.146+/-1.655 χ^2/NDF:8668.3/44

All: 383.223+/-1.202 χ^2/NDF: 14573.9/84

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 132.762+/-1.736 χ^2/NDF:749.6/24

Right Out: 108.323+/-2.182 χ^2/NDF: 580.7/19

Left In: 139.828+/-1.790 χ^2/NDF:321.7/22

Left: 136.187+/-1.246 χ^2/NDF: 1079.3/47

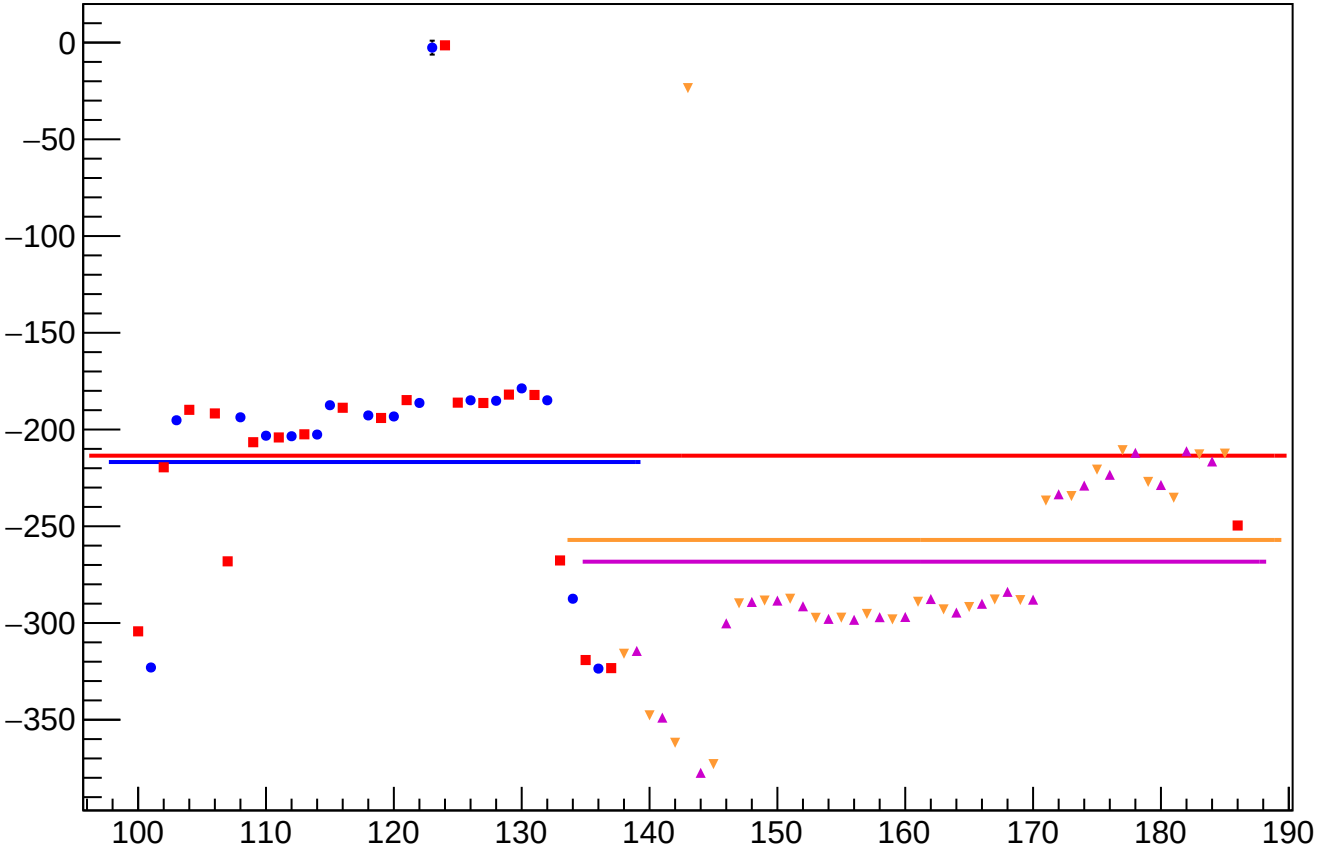
Right: 112.931+/-1.547 χ^2/NDF: 1296.5/36

In: 130.936+/-1.386 χ^2/NDF:1090.3/39

Out: 123.291+/-1.358 χ^2/NDF:1407.1/44

All: 127.035+/-0.970 χ^2/NDF: 2512.9/84

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -257.067+/-0.082 χ^2/NDF:665762.3/24

Right Out: -213.516+/-0.129 χ^2/NDF: 117797.6/19

Left In: -268.305+/-0.083 χ^2/NDF:264853.3/22

Left: -262.619+/-0.059 χ^2/NDF: 939831.3/47

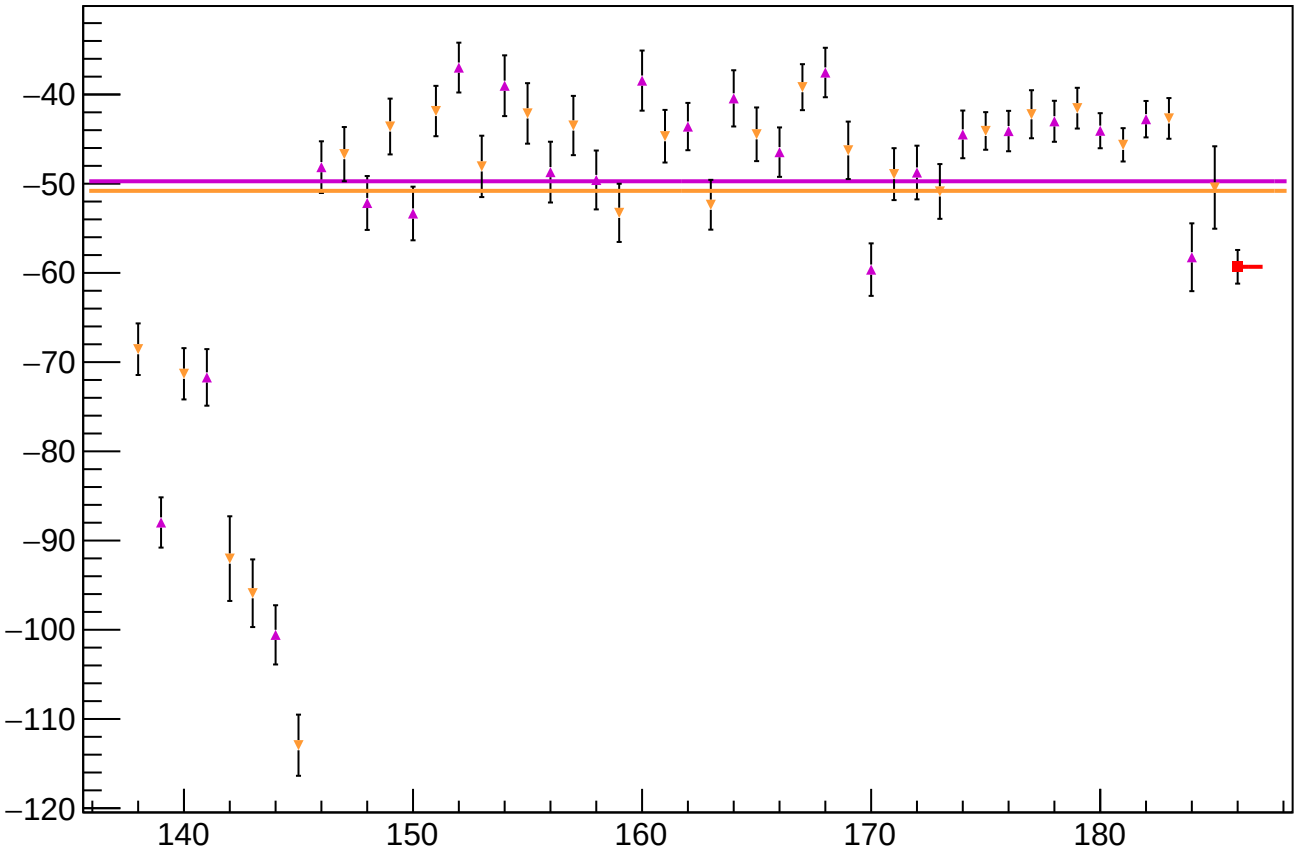
Right: -215.074+/-0.093 χ^2/NDF: 265080.7/36

In: -254.208+/-0.071 χ^2/NDF:516555.6/39

Out: -244.473+/-0.069 χ^2/NDF:864578.0/44

All: -249.230+/-0.050 χ^2/NDF: 1390756.7/84

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -50.802+/-0.574 χ^2/NDF:752.7/24

Right Out: -59.314+/-1.886 χ^2/NDF: 0.0/0

Left In: -49.728+/-0.581 χ^2/NDF:601.0/22

Left: -50.272+/-0.408 χ^2/NDF: 1355.3/47

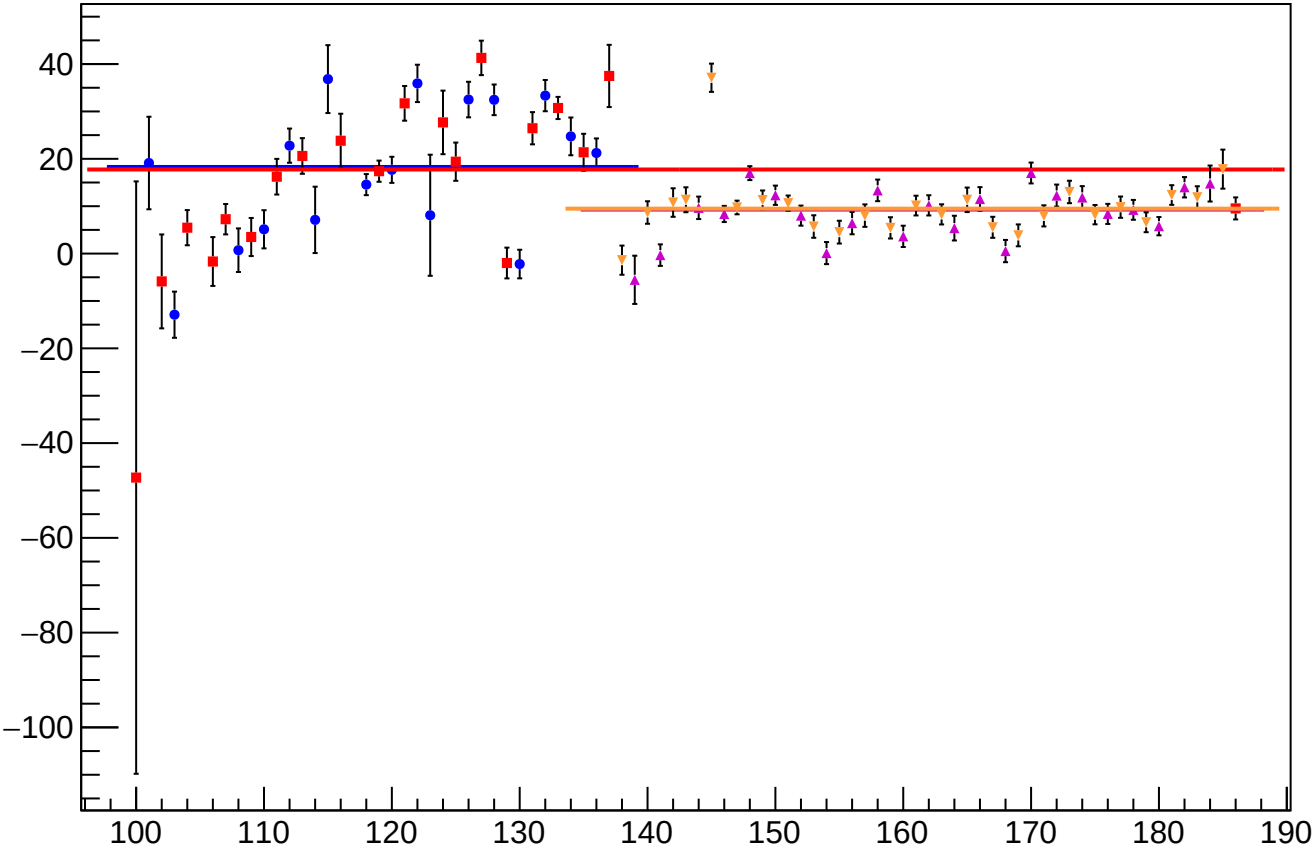
Right: -59.314+/-1.886 χ^2/NDF: 0.0/0

In: -49.728+/-0.581 χ^2/NDF:601.0/22

Out: -51.523+/-0.549 χ^2/NDF:771.3/25

All: -50.677+/-0.399 χ^2/NDF: 1377.3/48

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 9.483+/-0.447 χ^2/NDF:133.0/24

Right Out: 17.748+/-0.810 χ^2/NDF: 212.6/19

Left In: 9.289+/-0.461 χ^2/NDF:125.6/22

Left: 9.389+/-0.321 χ^2/NDF: 258.8/47

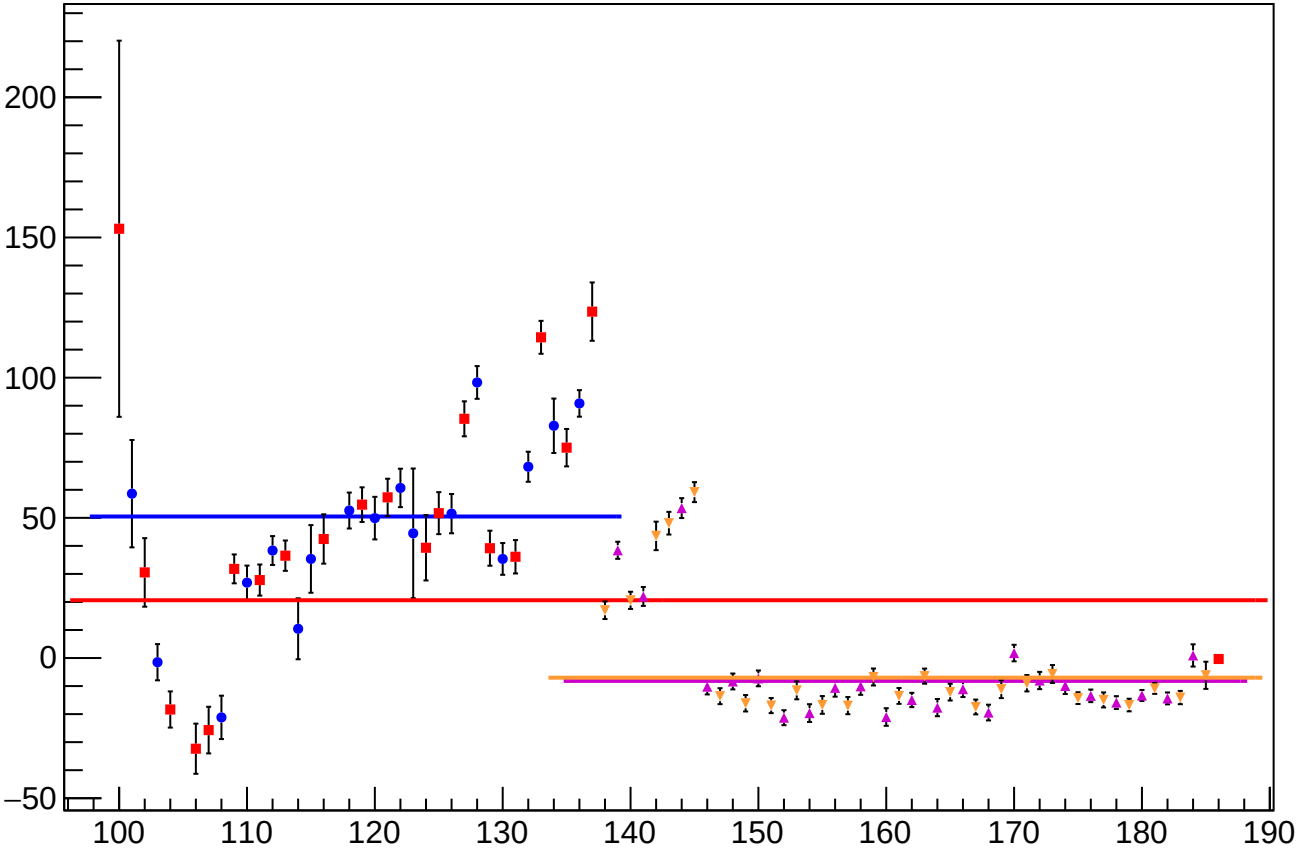
Right: 17.984+/-0.604 χ^2/NDF: 417.4/36

In: 11.137+/-0.411 χ^2/NDF:408.5/39

Out: 11.411+/-0.391 χ^2/NDF:425.5/44

All: 11.280+/-0.283 χ^2/NDF: 834.2/84

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: -7.007+/-0.572 χ^2/NDF:899.2/24

Right Out: 20.617+/-1.099 χ^2/NDF: 944.0/19

Left In: -8.158+/-0.578 χ^2/NDF:753.9/22

Left: -7.577+/-0.406 χ^2/NDF: 1655.2/47

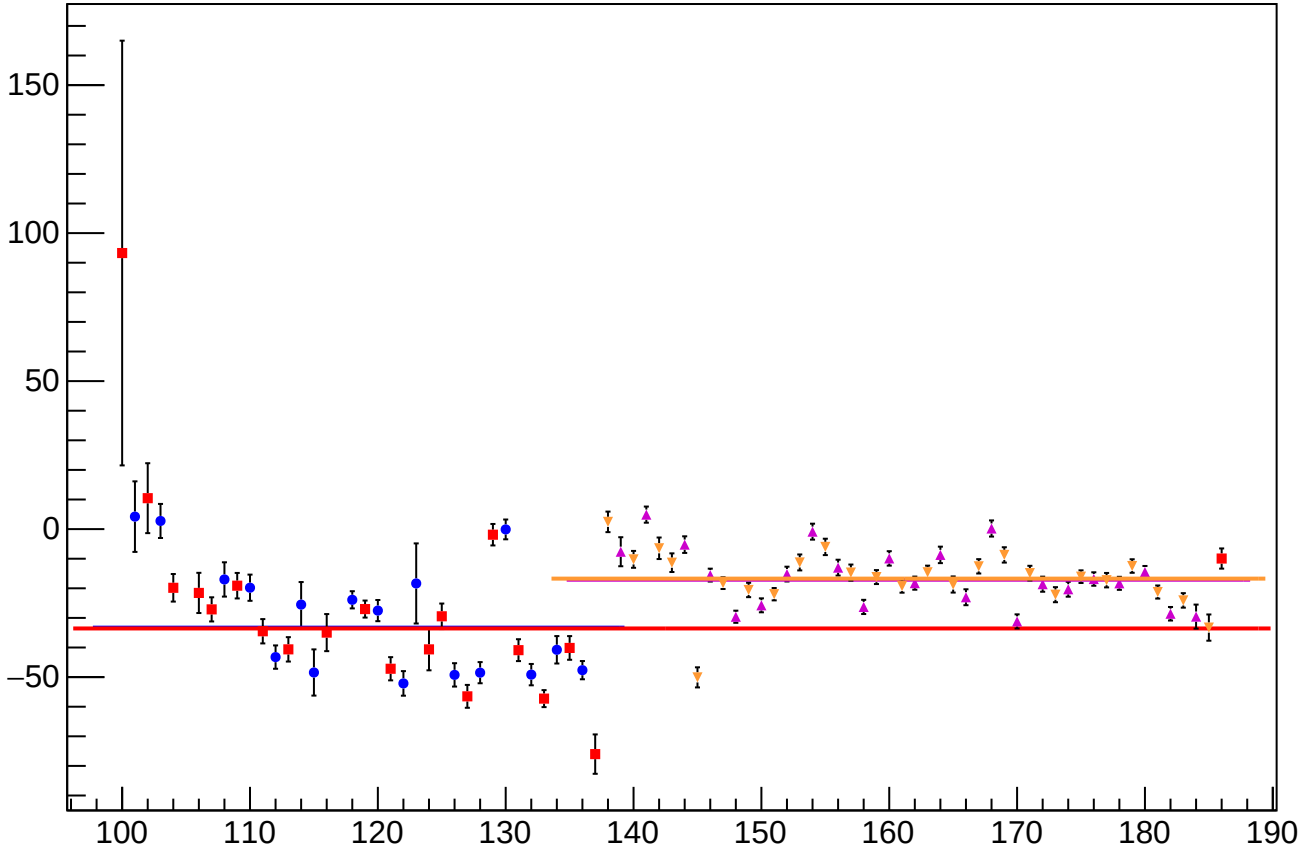
Right: 29.657+/-0.918 χ^2/NDF: 1525.5/36

In: -1.877+/-0.546 χ^2/NDF:2215.4/39

Out: -1.120+/-0.507 χ^2/NDF:2340.5/44

All: -1.471+/-0.372 χ^2/NDF: 4556.9/84

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -16.727+/-0.508 χ^2/NDF:223.3/24

Right Out: -33.566+/-0.953 χ^2/NDF: 339.7/19

Left In: -17.100+/-0.520 χ^2/NDF:328.1/22

Left: -16.909+/-0.363 χ^2/NDF: 551.7/47

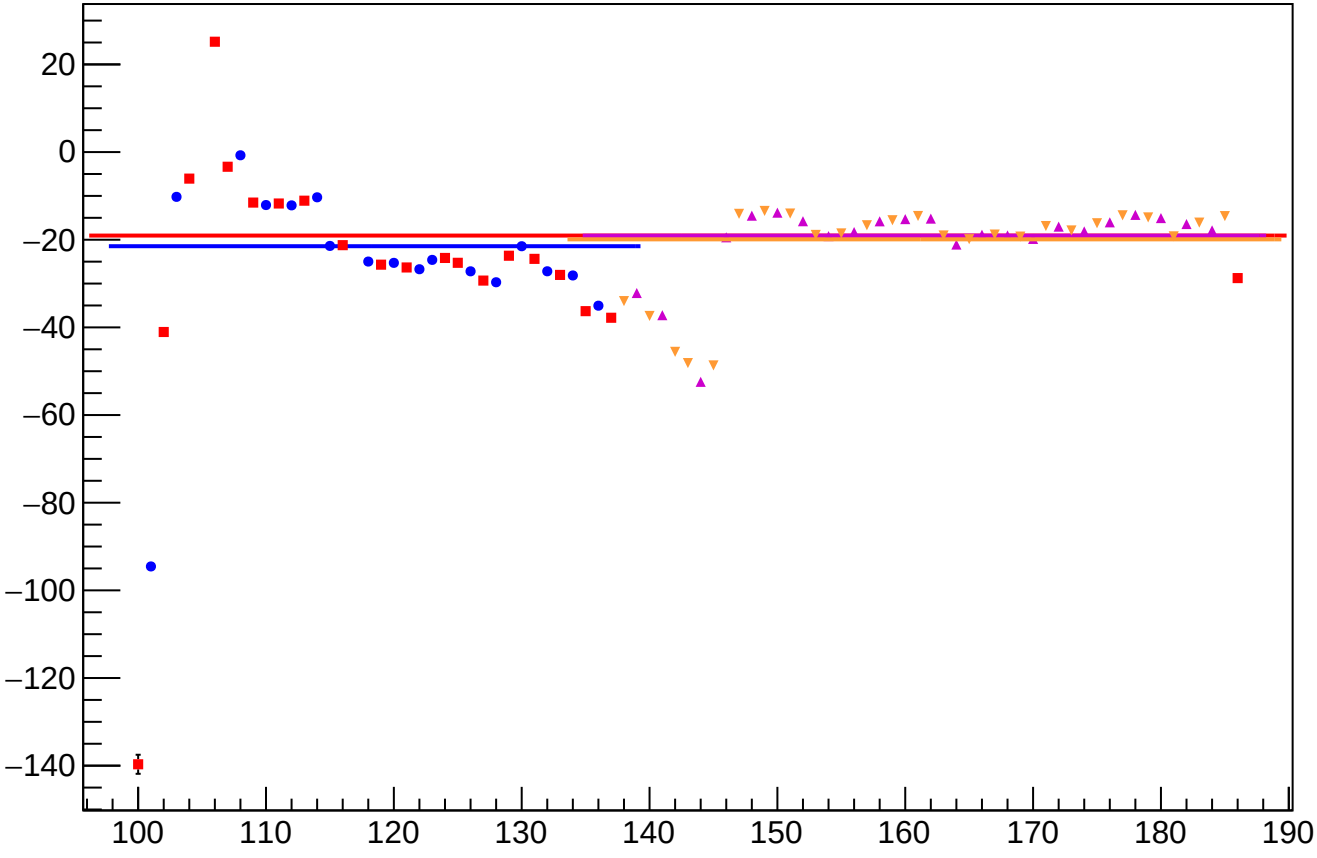
Right: -33.440+/-0.700 χ^2/NDF: 628.8/36

In: -20.378+/-0.465 χ^2/NDF:813.1/39

Out: -20.450+/-0.448 χ^2/NDF:806.2/44

All: -20.416+/-0.323 χ^2/NDF: 1619.3/84

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -19.915+/-0.023 χ^2/NDF:141090.6/24

Right Out: -19.049+/-0.056 χ^2/NDF: 82425.8/19

Left In: -19.068+/-0.024 χ^2/NDF:92702.3/22

Left: -19.496+/-0.017 χ^2/NDF: 234444.5/47

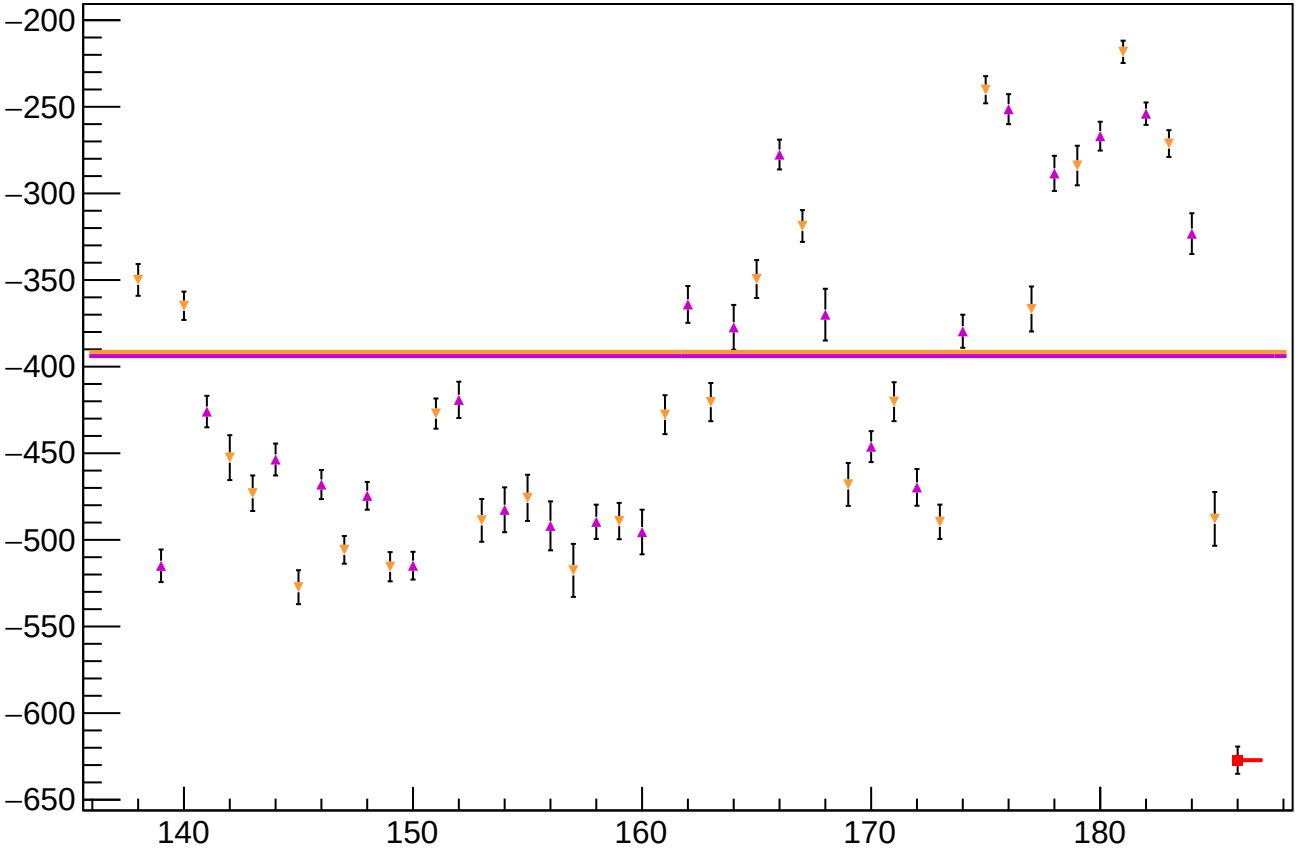
Right: -20.202+/-0.040 χ^2/NDF: 132333.7/36

In: -19.403+/-0.022 χ^2/NDF:143162.0/39

Out: -19.786+/-0.022 χ^2/NDF:223721.1/44

All: -19.597+/-0.015 χ^2/NDF: 367039.1/84

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -391.476+/-1.973 χ^2/NDF:2708.6/24

Right Out: -627.170+/-7.862 χ^2/NDF: 0.0/0

Left In: -393.904+/-1.998 χ^2/NDF:2280.8/22

Left: -392.674+/-1.404 χ^2/NDF: 4990.1/47

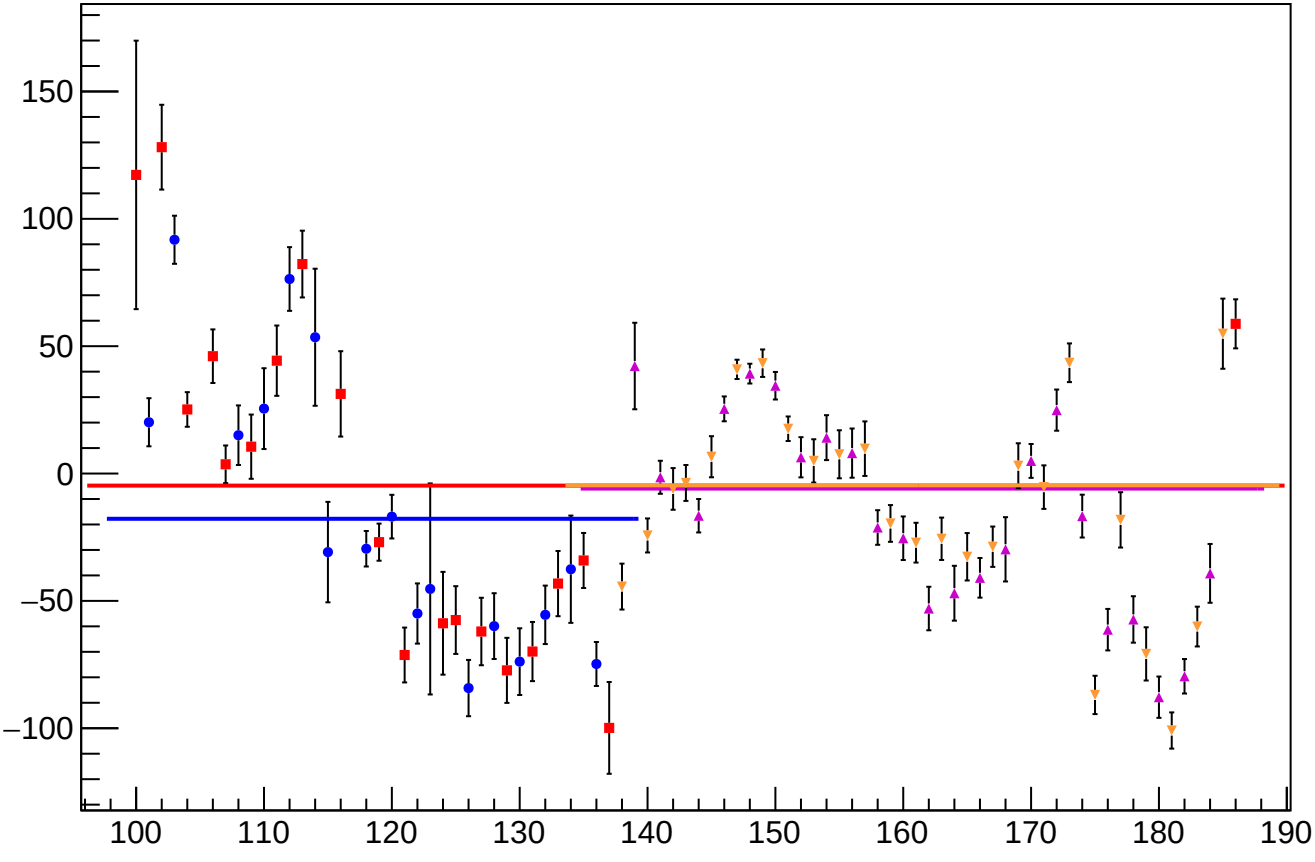
Right: -627.170+/-7.862 χ^2/NDF: 0.0/0

In: -393.904+/-1.998 χ^2/NDF:2280.8/22

Out: -405.432+/-1.913 χ^2/NDF:3554.1/25

All: -399.917+/-1.382 χ^2/NDF: 5852.2/48

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: -4.635+/-1.467 χ^2/NDF:771.4/24

Right Out: -4.738+/-2.522 χ^2/NDF: 416.3/19

Left In: -5.906+/-1.513 χ^2/NDF:657.5/22

Left: -5.251+/-1.053 χ^2/NDF: 1429.3/47

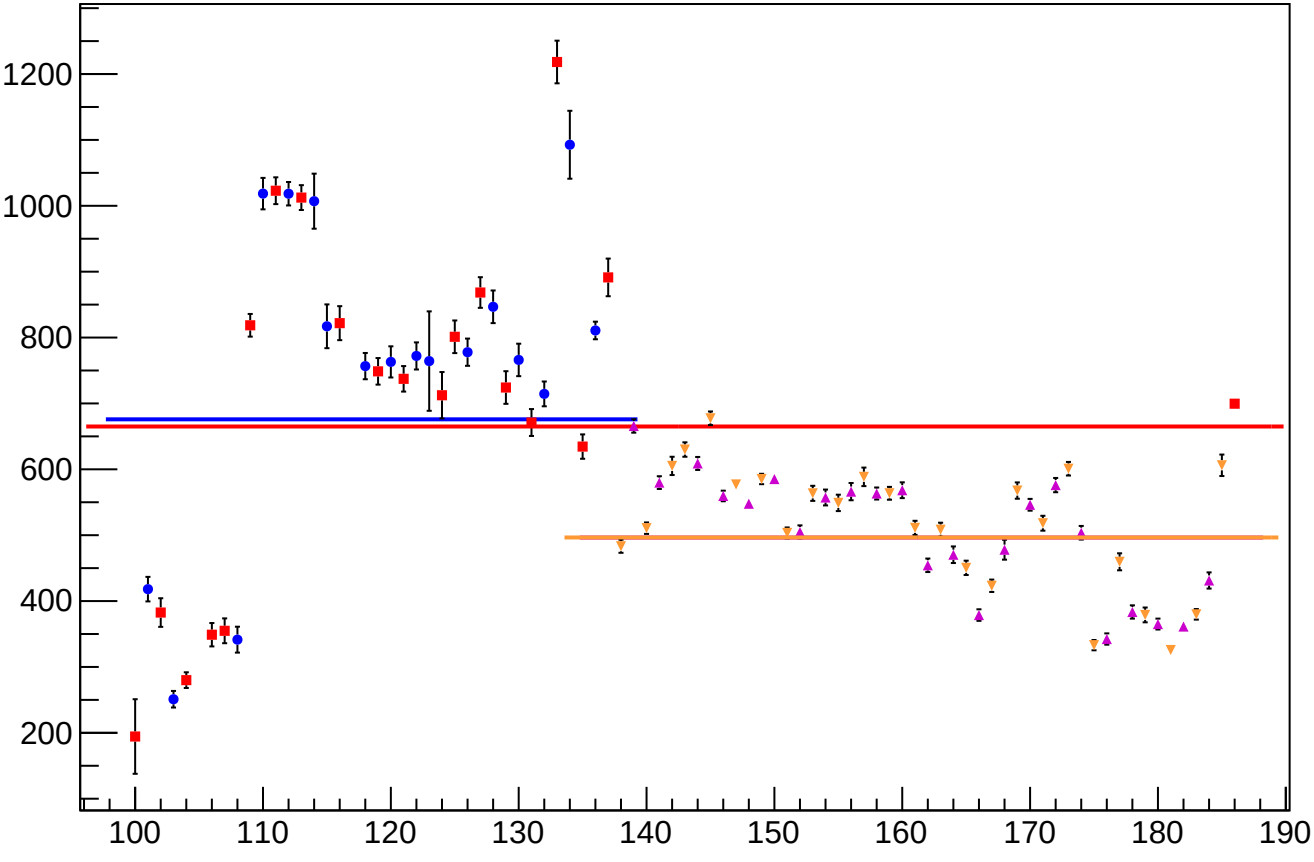
Right: -10.615+/-1.868 χ^2/NDF: 792.2/36

In: -8.614+/-1.329 χ^2/NDF:1035.4/39

Out: -4.661+/-1.268 χ^2/NDF:1187.7/44

All: -6.545+/-0.918 χ^2/NDF: 2227.8/84

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 496.535+/-1.971 χ^2/NDF:2589.1/24

Right Out: 664.983+/-3.791 χ^2/NDF: 3171.4/19

Left In: 496.393+/-1.985 χ^2/NDF:2295.8/22

Left: 496.465+/-1.399 χ^2/NDF: 4884.9/47

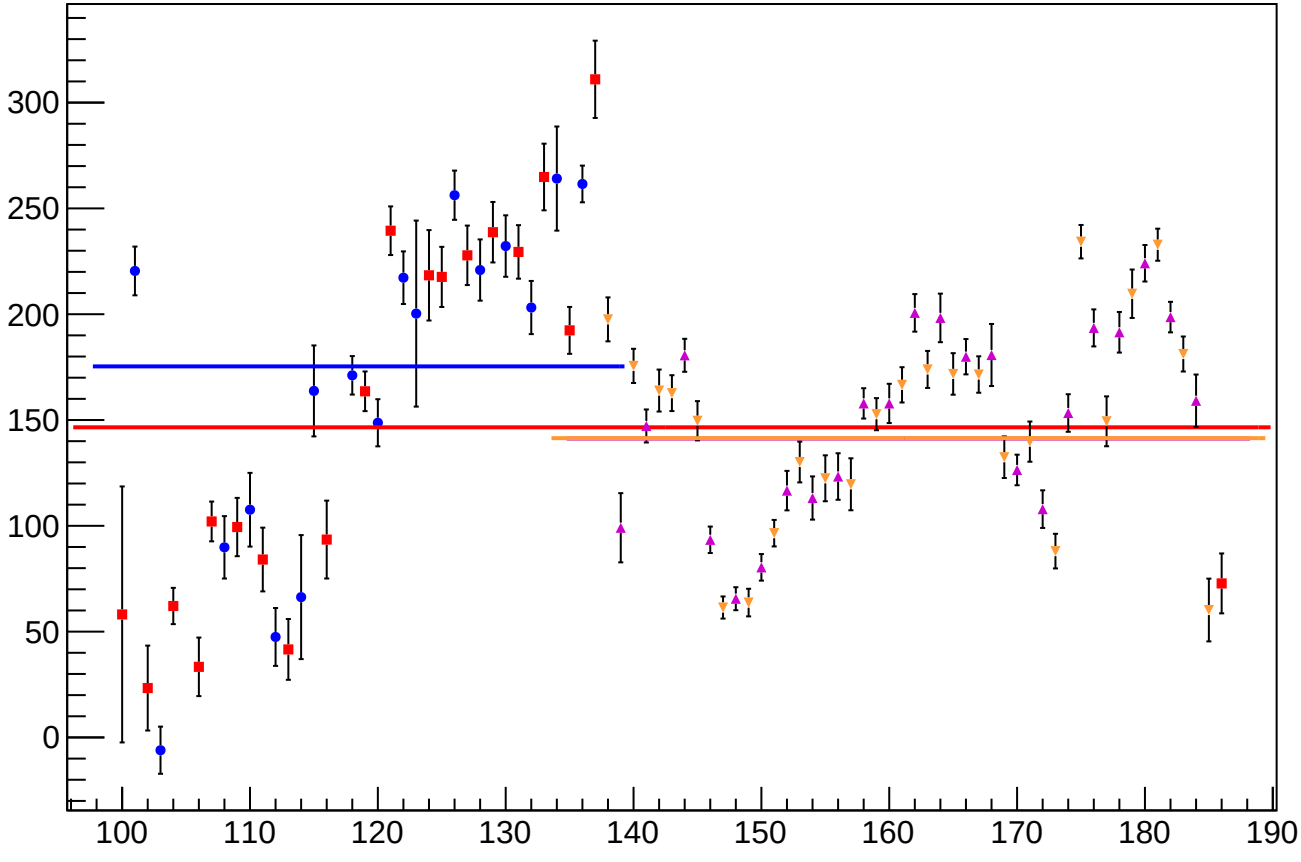
Right: 668.921+/-3.029 χ^2/NDF: 5760.7/36

In: 520.529+/-1.847 χ^2/NDF:5981.0/39

Out: 532.380+/-1.749 χ^2/NDF:7314.5/44

All: 526.778+/-1.270 χ^2/NDF: 13317.2/84

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 141.430+/-1.704 χ^2/NDF:957.7/24

Right Out: 146.551+/-2.977 χ^2/NDF: 721.6/19

Left In: 141.248+/-1.744 χ^2/NDF:744.2/22

Left: 141.341+/-1.219 χ^2/NDF: 1701.9/47

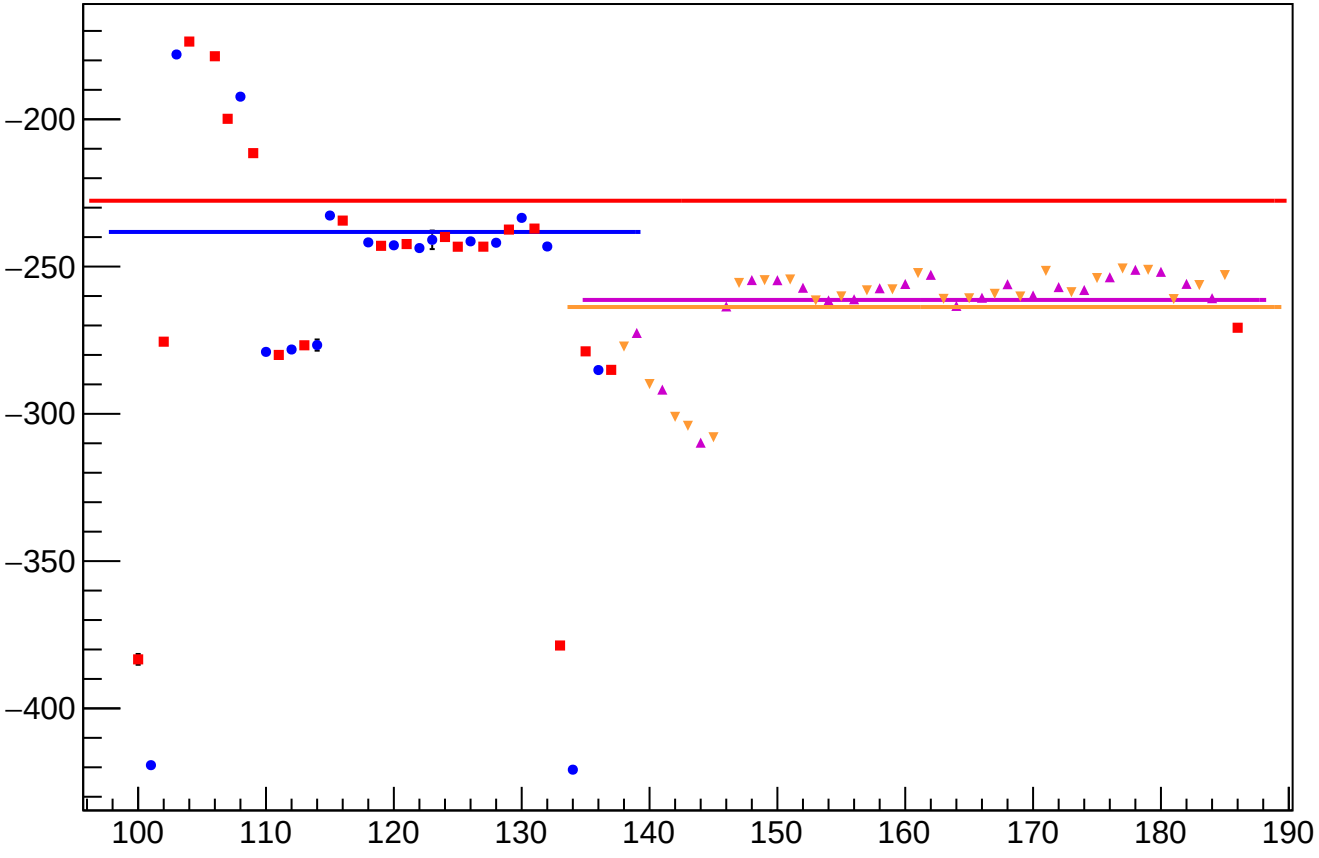
Right: 159.895+/-2.180 χ^2/NDF: 1403.4/36

In: 149.044+/-1.532 χ^2/NDF:1470.0/39

Out: 142.694+/-1.479 χ^2/NDF:1681.5/44

All: 145.758+/-1.064 χ^2/NDF: 3160.5/84

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -263.734+/-0.081 χ^2/NDF:37922.0/24

Right Out: -227.651+/-0.149 χ^2/NDF: 104654.2/19

Left In: -261.325+/-0.082 χ^2/NDF:23449.2/22

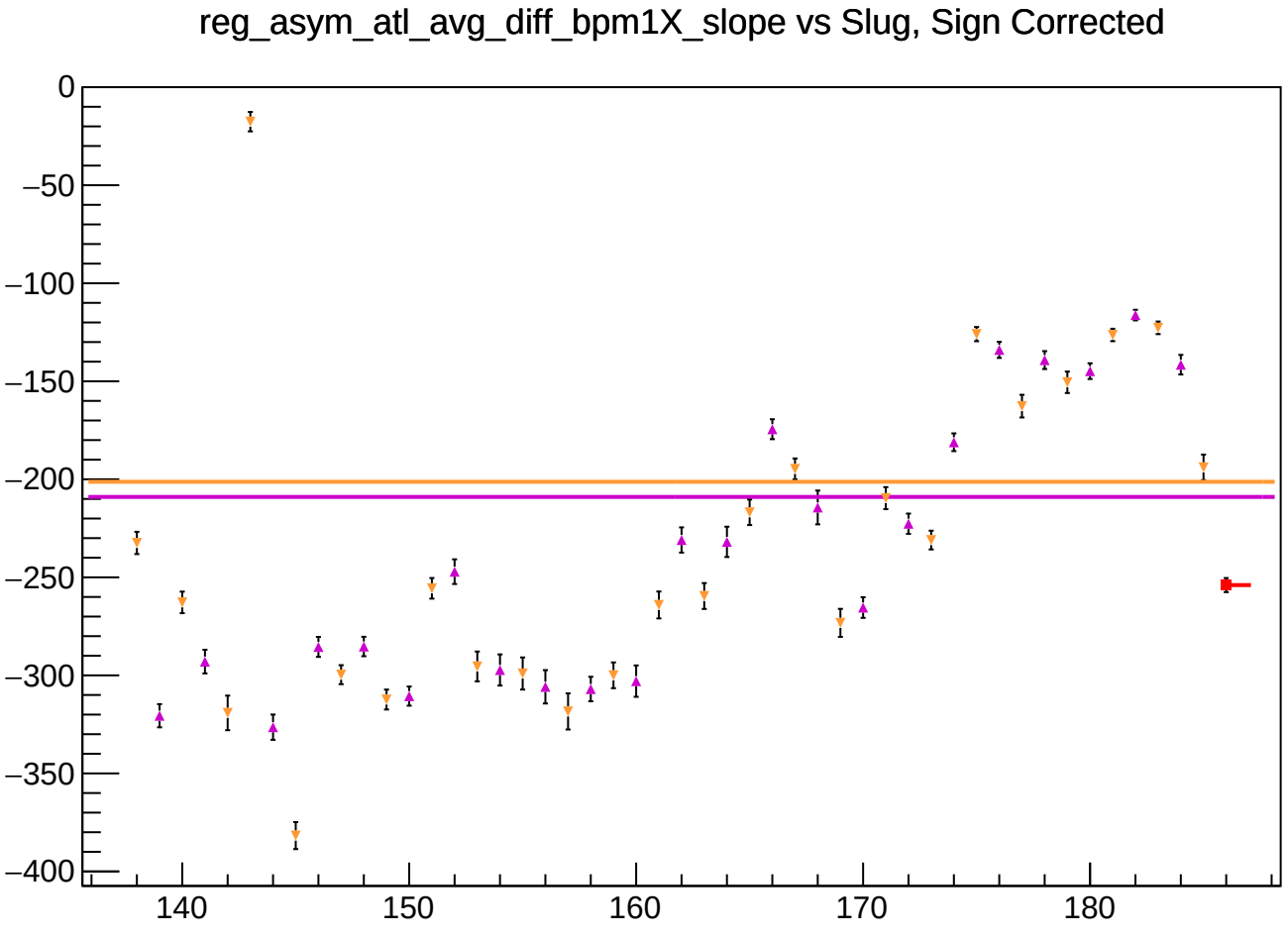
Left: -262.533+/-0.058 χ^2/NDF: 61807.4/47

Right: -232.592+/-0.109 χ^2/NDF: 274124.0/36

In: -256.554+/-0.073 χ^2/NDF:207093.2/39

Out: -255.470+/-0.072 χ^2/NDF:187507.0/44

All: -256.003+/-0.051 χ^2/NDF: 394713.1/84



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -201.261+/-1.065 χ^2/NDF:6110.1/24

Right Out: -253.947+/-3.589 χ^2/NDF: 0.0/0

Left In: -208.981+/-1.078 χ^2/NDF:4865.2/22

Left: -205.075+/-0.758 χ^2/NDF: 11001.2/47

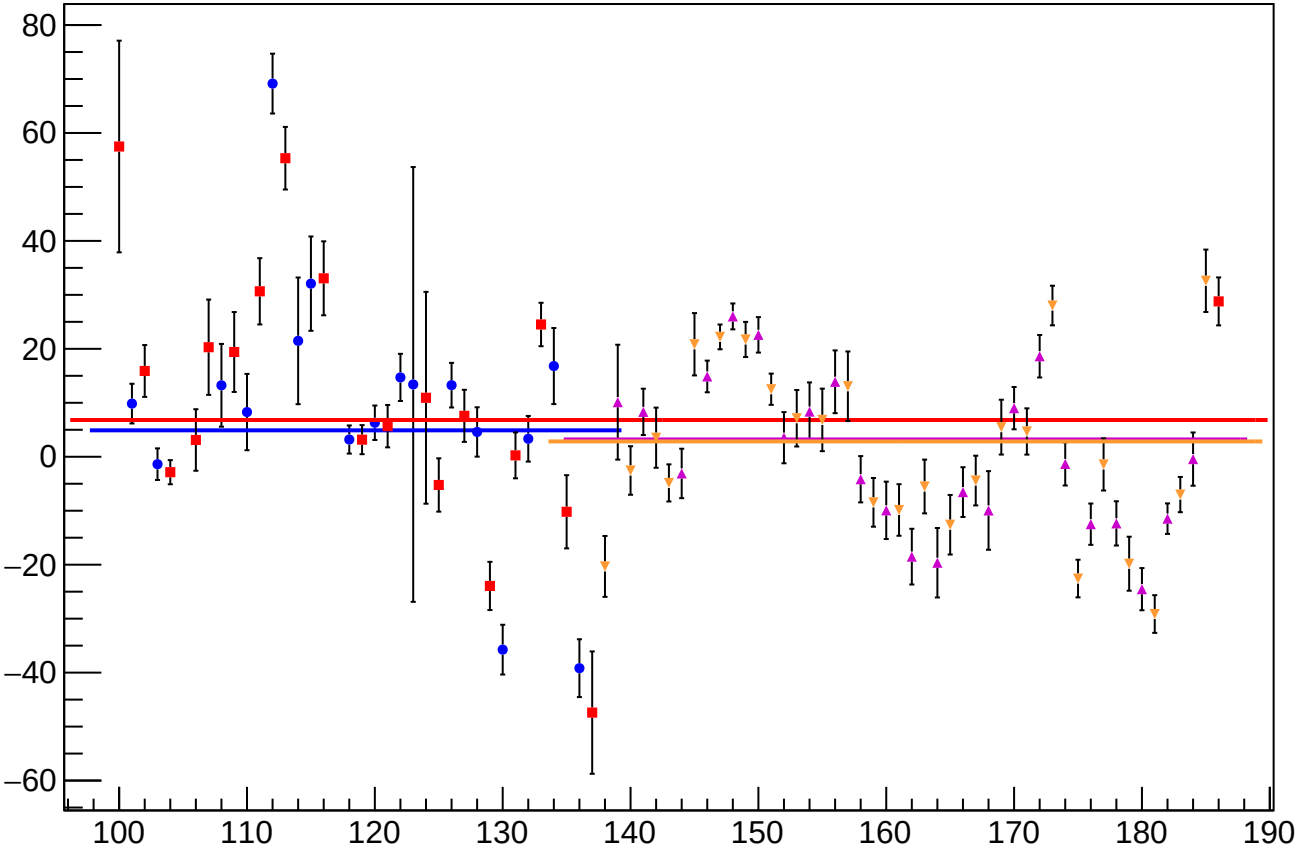
Right: -253.947+/-3.589 χ^2/NDF: 0.0/0

In: -208.981+/-1.078 χ^2/NDF:4865.2/22

Out: -205.528+/-1.021 χ^2/NDF:6308.1/25

All: -207.161+/-0.741 χ^2/NDF: 11178.7/48

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.896+/-1.089 χ^2/NDF: 312.0/16

Left Out: 2.841+/-0.824 χ^2/NDF:420.6/24

Right Out: 6.812+/-1.041 χ^2/NDF: 265.0/19

Left In: 3.208+/-0.854 χ^2/NDF:323.8/22

Left: 3.018+/-0.593 χ^2/NDF: 744.6/47

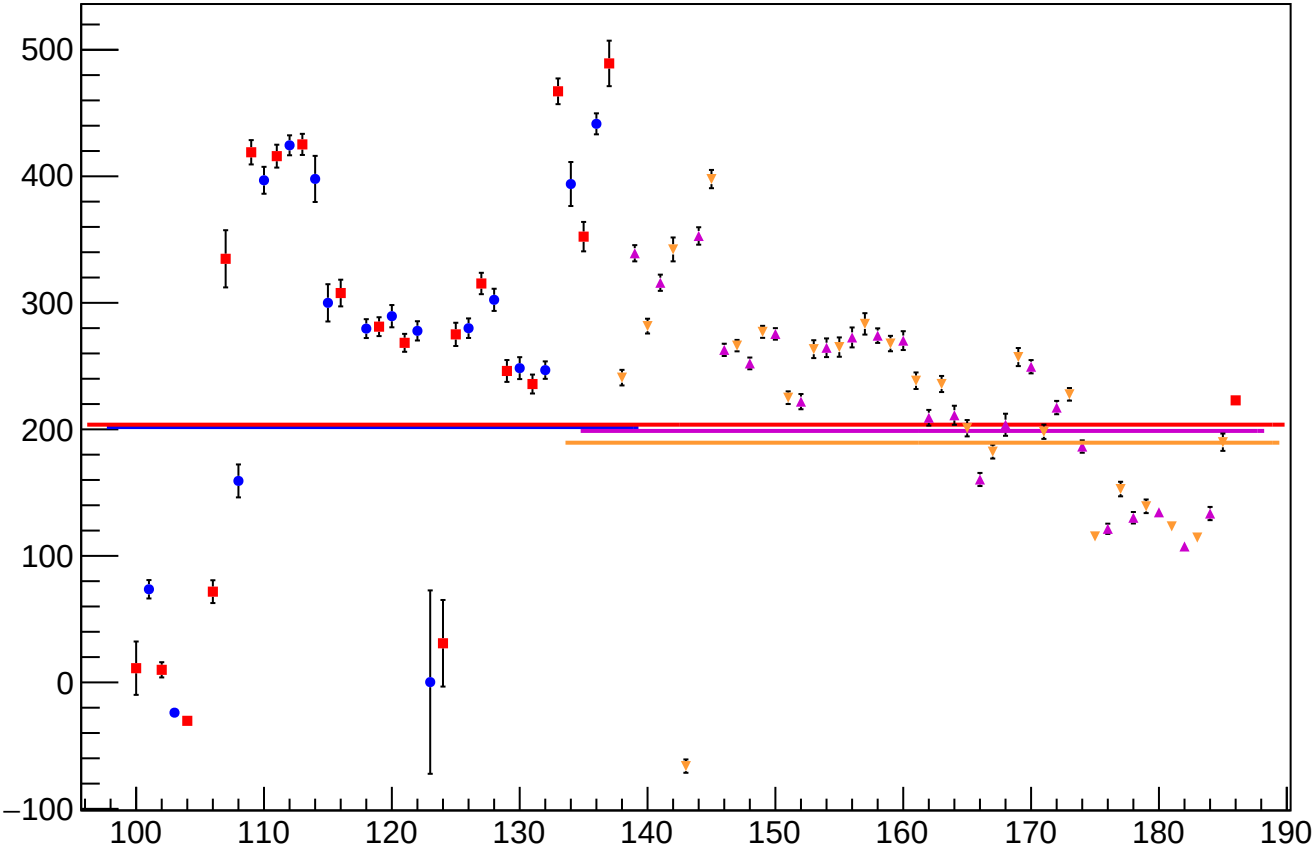
Right: 5.897+/-0.753 χ^2/NDF: 578.6/36

In: 3.851+/-0.672 χ^2/NDF:637.3/39

Out: 4.369+/-0.646 χ^2/NDF:694.6/44

All: 4.121+/-0.466 χ^2/NDF: 1332.2/84

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 189.453+/-1.070 χ^2/NDF:6649.7/24

Right Out: 203.710+/-1.598 χ^2/NDF: 8322.2/19

Left In: 198.762+/-1.078 χ^2/NDF:4590.0/22

Left: 194.072+/-0.759 χ^2/NDF: 11277.3/47

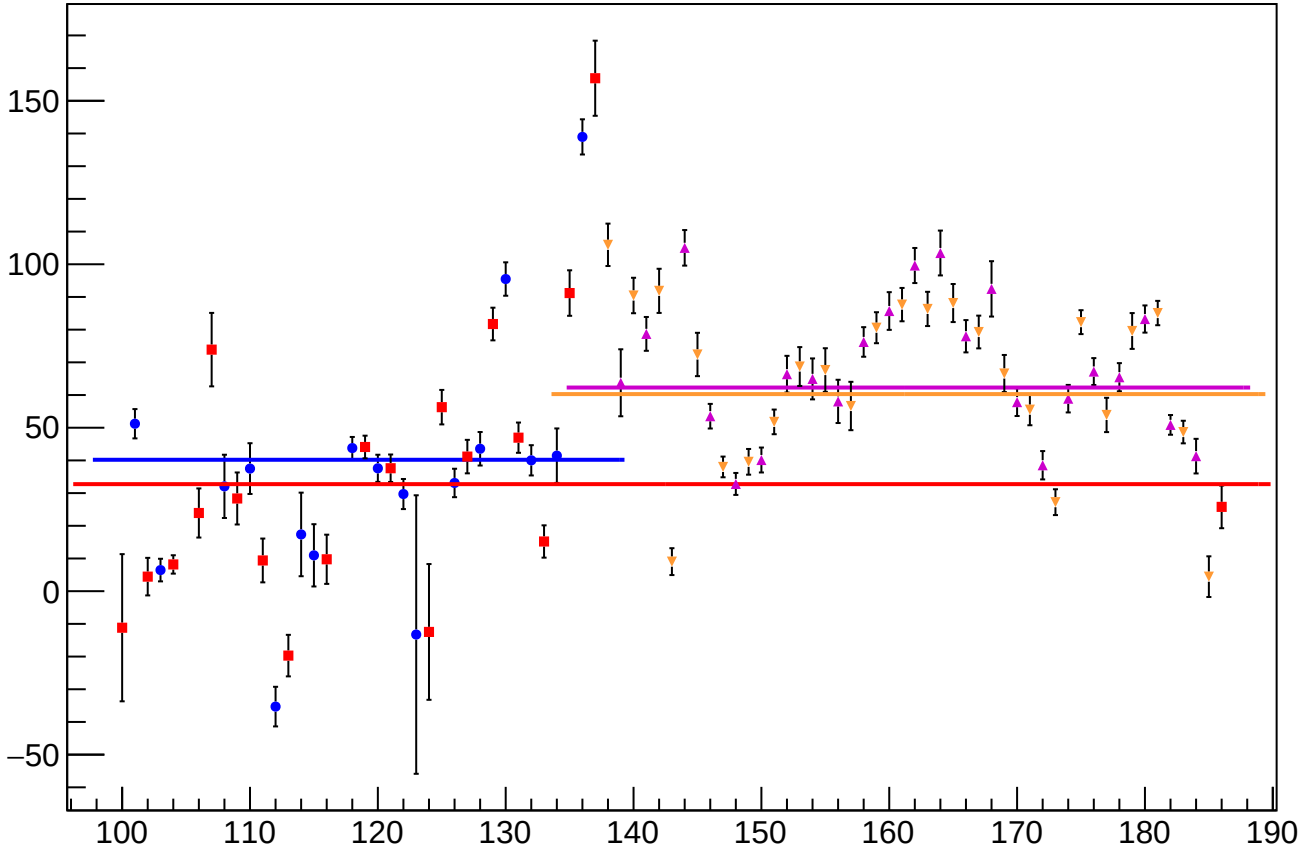
Right: 202.955+/-1.241 χ^2/NDF: 15077.0/36

In: 199.463+/-0.946 χ^2/NDF:11346.1/39

Out: 193.865+/-0.889 χ^2/NDF:15026.9/44

All: 196.491+/-0.648 χ^2/NDF: 26391.6/84

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 60.287+/-0.945 χ^2/NDF:714.8/24

Right Out: 32.743+/-1.230 χ^2/NDF: 555.3/19

Left In: 62.290+/-0.971 χ^2/NDF:411.6/22

Left: 61.261+/-0.677 χ^2/NDF: 1128.6/47

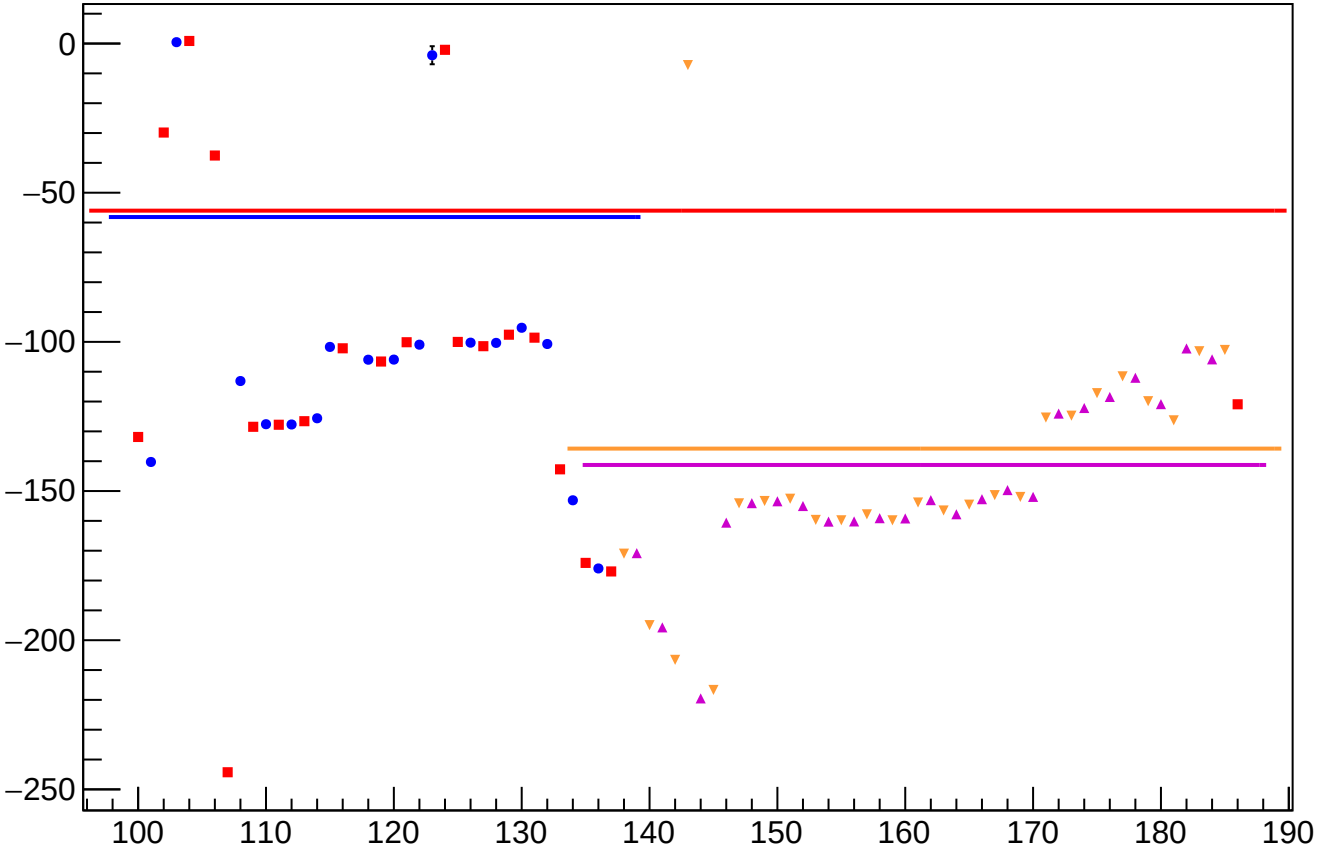
Right: 36.358+/-0.883 χ^2/NDF: 1308.0/36

In: 54.117+/-0.771 χ^2/NDF:1338.0/39

Out: 50.064+/-0.749 χ^2/NDF:1585.4/44

All: 52.033+/-0.537 χ^2/NDF: 2937.6/84

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -135.775+/-0.045 χ^2/NDF:742021.1/24

Right Out: -56.014+/-0.060 χ^2/NDF: 1023903.9/19

Left In: -141.259+/-0.045 χ^2/NDF:350045.9/22

Left: -138.491+/-0.032 χ^2/NDF: 1099530.1/47

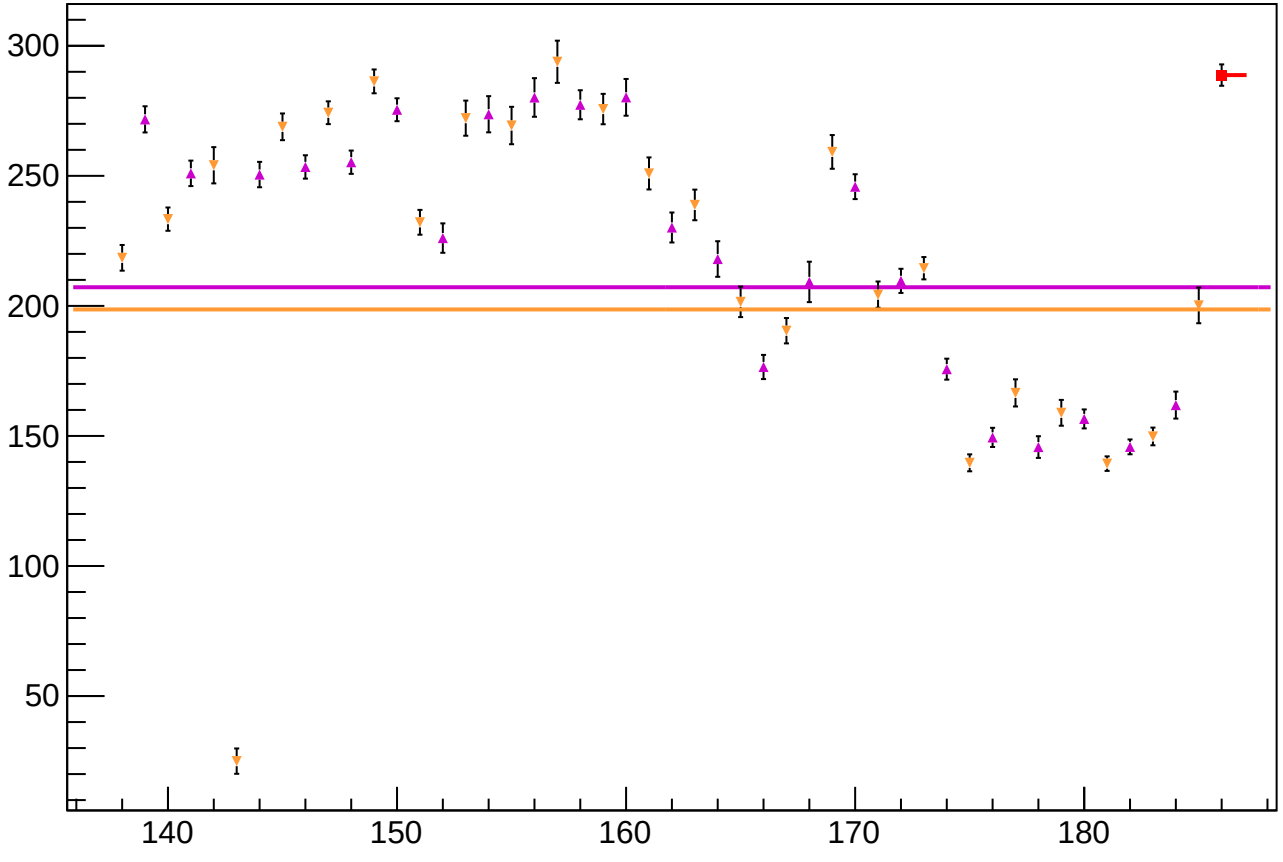
Right: -57.052+/-0.043 χ^2/NDF: 2130036.4/36

In: -112.236+/-0.036 χ^2/NDF:2641000.7/39

Out: -107.156+/-0.036 χ^2/NDF:2909791.5/44

All: -109.653+/-0.026 χ^2/NDF: 5560705.6/84

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 198.637+/-0.966 χ^2/NDF:4146.6/24

Right Out: 288.742+/-4.111 χ^2/NDF: 0.0/0

Left In: 207.171+/-0.986 χ^2/NDF:2631.6/22

Left: 202.817+/-0.690 χ^2/NDF: 6816.4/47

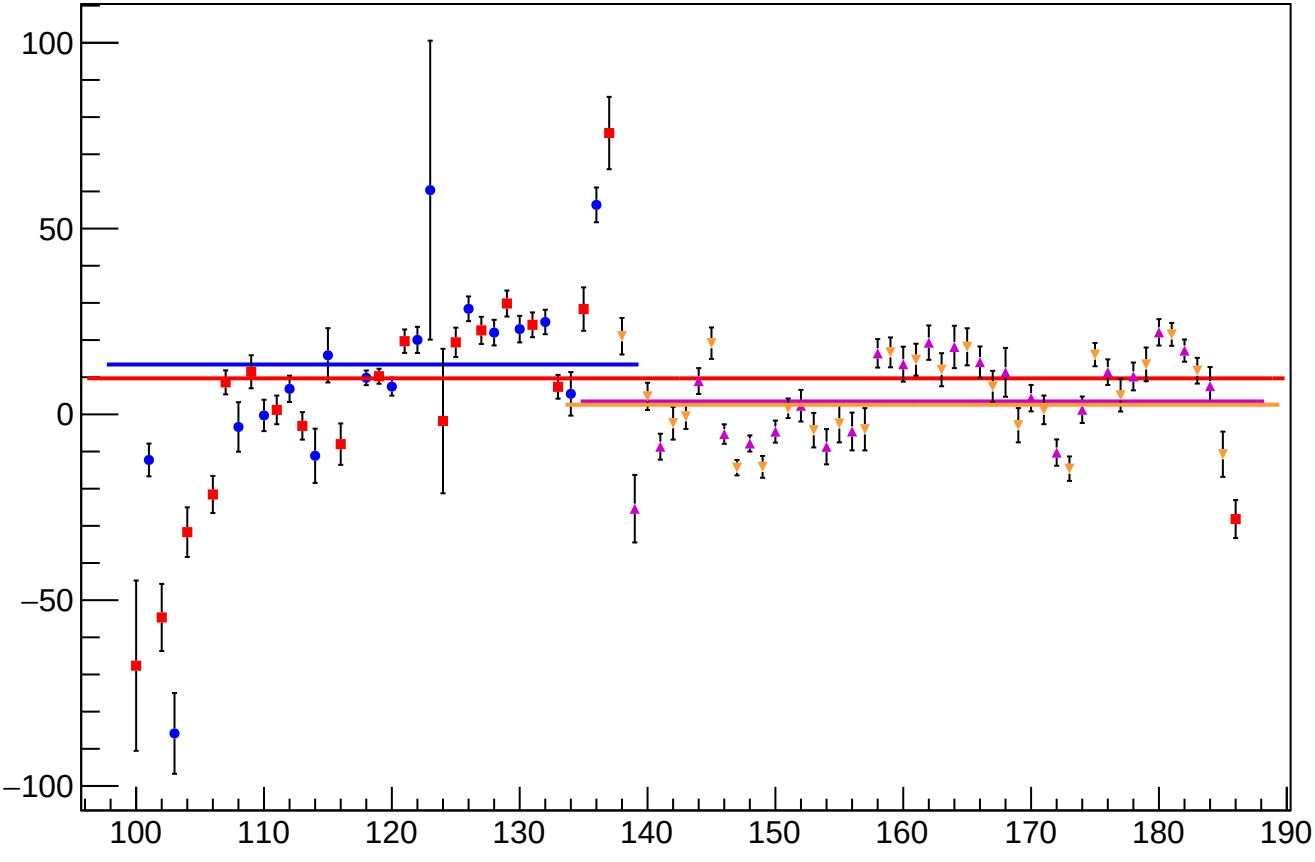
Right: 288.742+/-4.111 χ^2/NDF: 0.0/0

In: 207.171+/-0.986 χ^2/NDF:2631.6/22

Out: 203.353+/-0.941 χ^2/NDF:4601.9/25

All: 205.172+/-0.681 χ^2/NDF: 7241.3/48

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423+/-0.920 χ^2/NDF: 295.2/16

Left Out: 2.595+/-0.744 χ^2/NDF:274.3/24

Right Out: 9.695+/-0.902 χ^2/NDF: 359.1/19

Left In: 3.478+/-0.772 χ^2/NDF:194.7/22

Left: 3.020+/-0.536 χ^2/NDF: 469.7/47

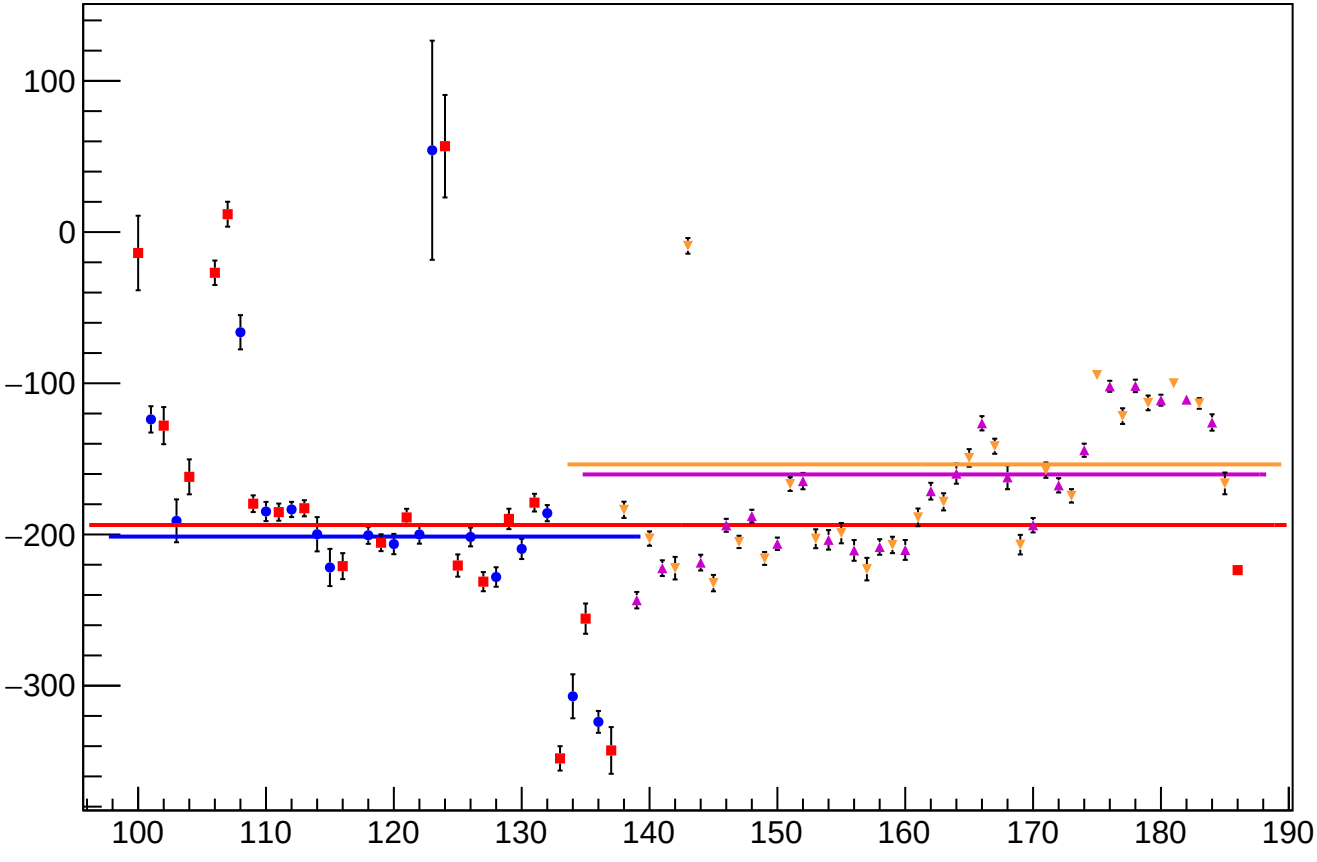
Right: 11.522+/-0.644 χ^2/NDF: 662.7/36

In: 7.589+/-0.591 χ^2/NDF:558.5/39

Out: 5.470+/-0.574 χ^2/NDF:670.3/44

All: 6.498+/-0.412 χ^2/NDF: 1235.4/84

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -153.649+/-0.970 χ^2/NDF:2930.9/24

Right Out: -193.729+/-1.510 χ^2/NDF: 1853.9/19

Left In: -160.279+/-0.985 χ^2/NDF:2049.4/22

Left: -156.913+/-0.691 χ^2/NDF: 5003.3/47

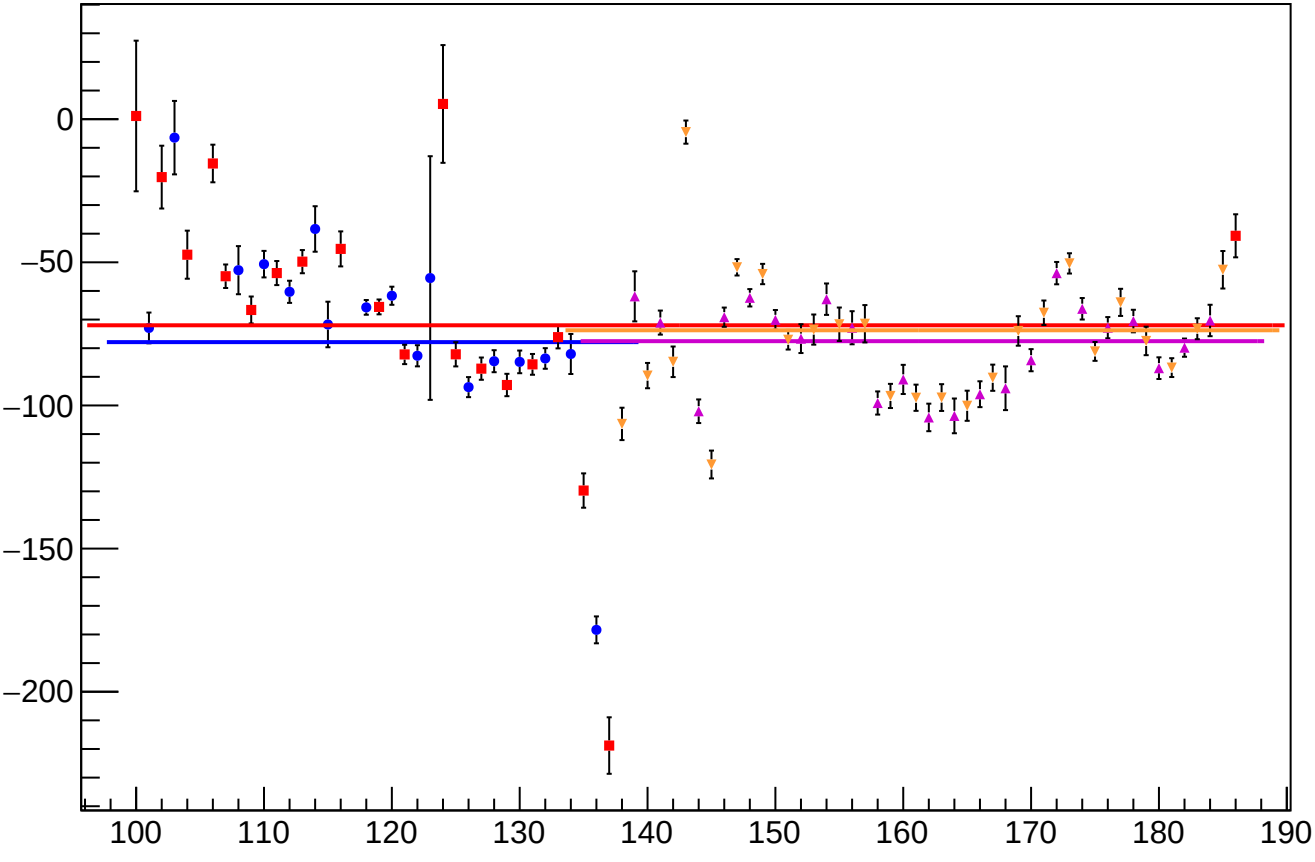
Right: -196.933+/-1.151 χ^2/NDF: 2488.2/36

In: -169.919+/-0.862 χ^2/NDF:3081.4/39

Out: -165.355+/-0.816 χ^2/NDF:5283.6/44

All: -167.513+/-0.593 χ^2/NDF: 8379.8/84

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -73.741+/-0.855 χ^2/NDF:728.3/24

Right Out: -71.998+/-1.044 χ^2/NDF: 624.5/19

Left In: -77.545+/-0.880 χ^2/NDF:252.7/22

Left: -75.587+/-0.613 χ^2/NDF: 990.6/47

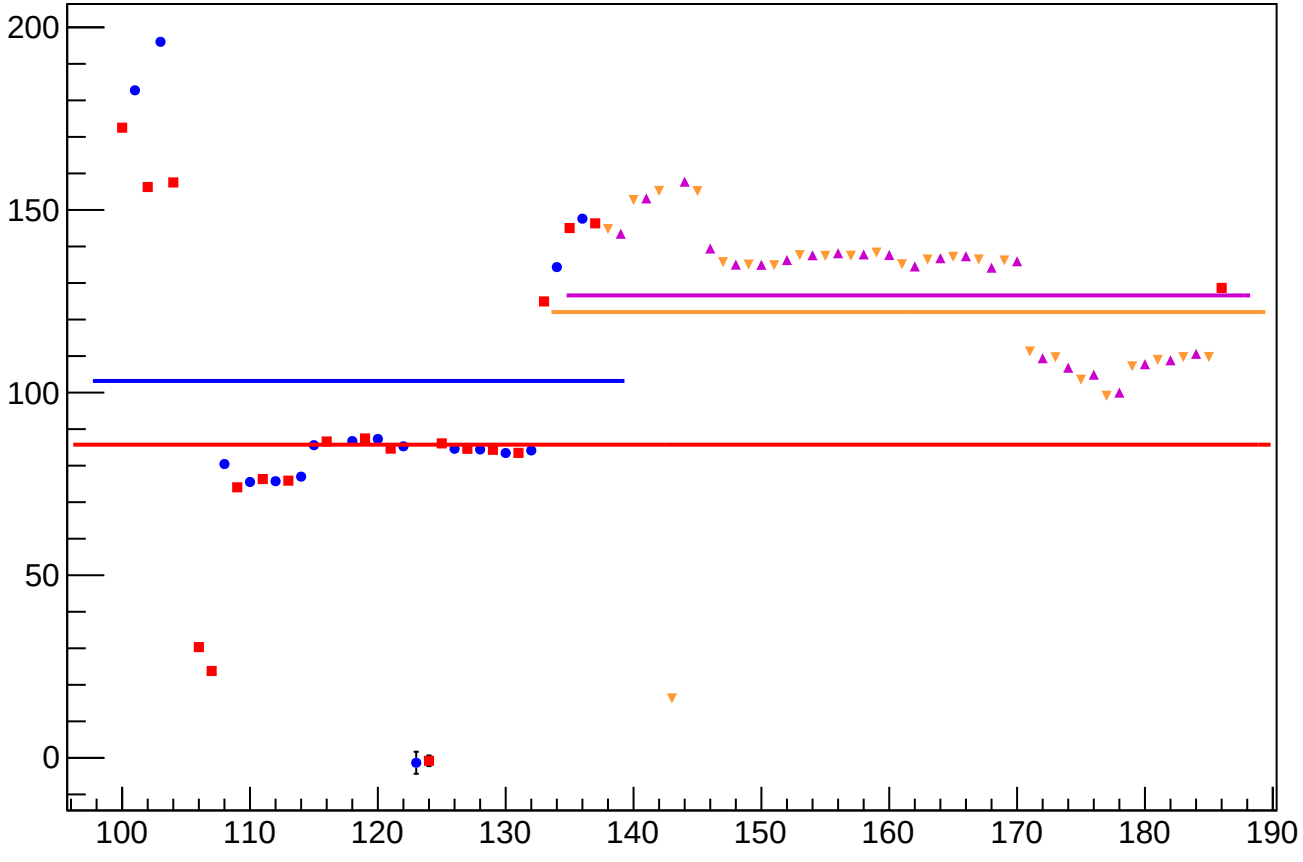
Right: -74.876+/-0.746 χ^2/NDF: 1298.2/36

In: -77.680+/-0.679 χ^2/NDF:911.0/39

Out: -73.041+/-0.661 χ^2/NDF:1354.4/44

All: -75.300+/-0.474 χ^2/NDF: 2289.4/84

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 122.046+/-0.040 χ^2/NDF:437985.3/24

Right Out: 85.746+/-0.063 χ^2/NDF: 430223.4/19

Left In: 126.605+/-0.041 χ^2/NDF:164757.9/22

Left: 124.300+/-0.029 χ^2/NDF: 609027.6/47

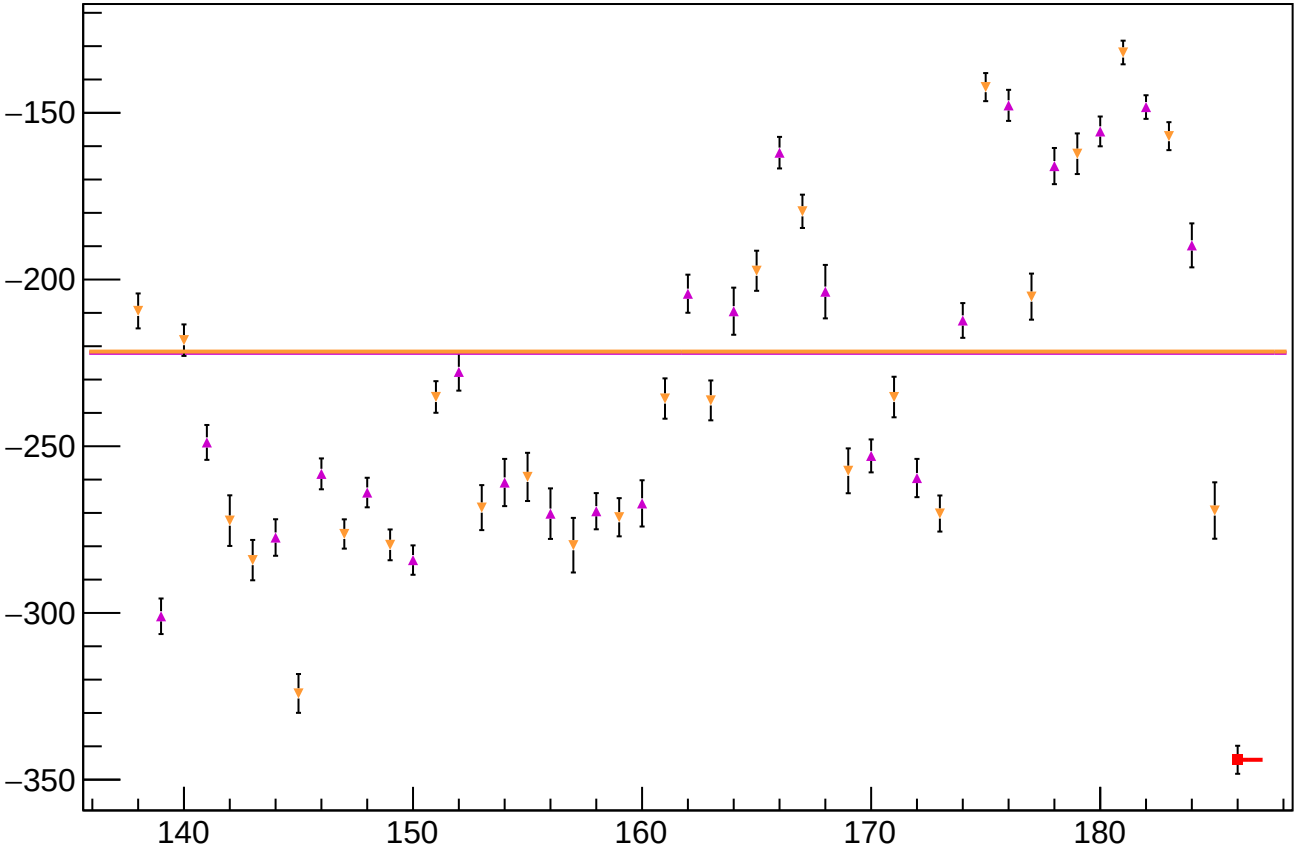
Right: 93.547+/-0.047 χ^2/NDF: 737805.4/36

In: 120.689+/-0.035 χ^2/NDF:521189.8/39

Out: 111.520+/-0.034 χ^2/NDF:1101954.6/44

All: 115.936+/-0.025 χ^2/NDF: 1658026.2/84

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -221.606+/-1.087 χ^2/NDF:2565.8/24

Right Out: -344.039+/-4.204 χ^2/NDF: 0.0/0

Left In: -221.980+/-1.098 χ^2/NDF:2190.6/22

Left: -221.791+/-0.773 χ^2/NDF: 4756.5/47

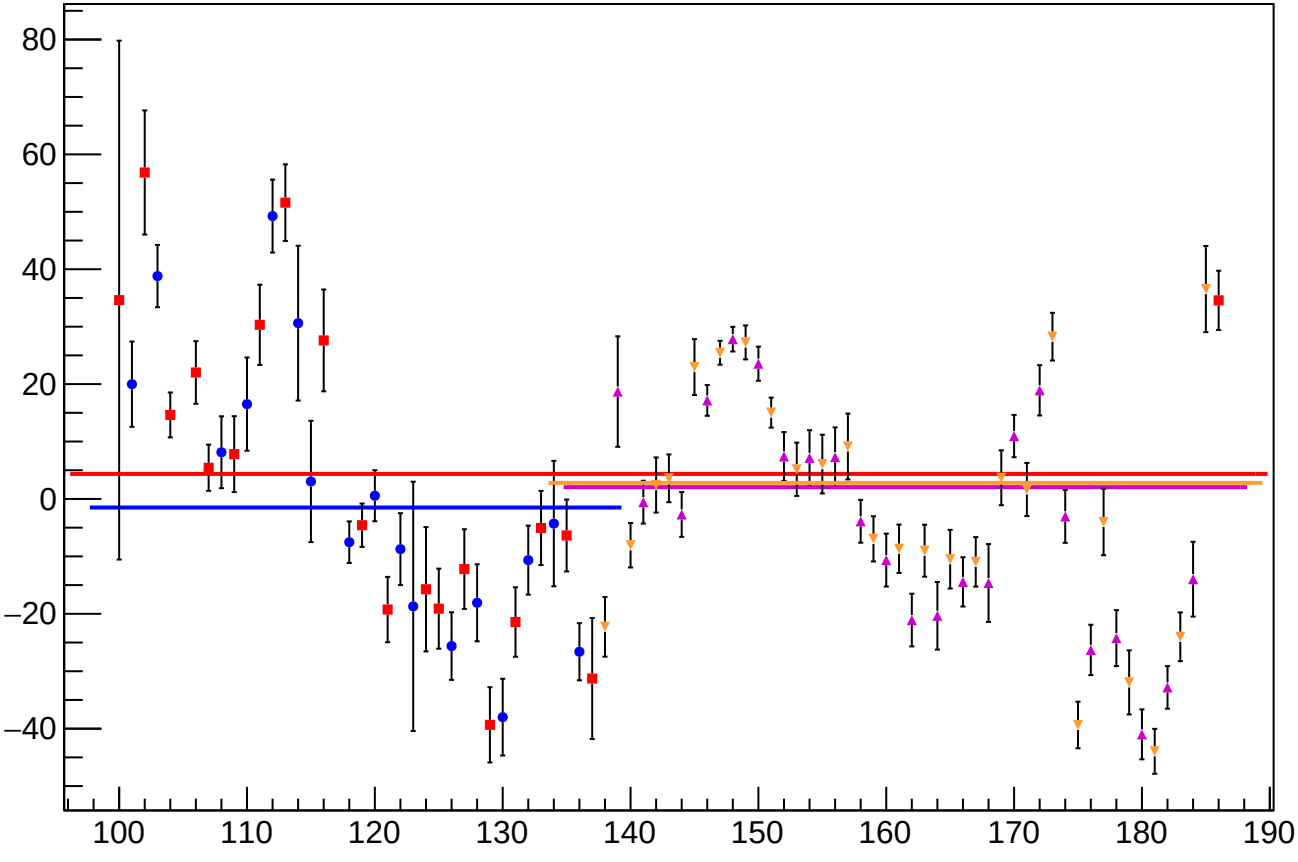
Right: -344.039+/-4.204 χ^2/NDF: 0.0/0

In: -221.980+/-1.098 χ^2/NDF:2190.6/22

Out: -229.283+/-1.053 χ^2/NDF:3360.9/25

All: -225.786+/-0.760 χ^2/NDF: 5574.6/48

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.492+/-1.513 χ^2/NDF: 226.1/16

Left Out: 2.800+/-0.810 χ^2/NDF:685.5/24

Right Out: 4.359+/-1.353 χ^2/NDF: 269.5/19

Left In: 2.050+/-0.833 χ^2/NDF:592.6/22

Left: 2.436+/-0.581 χ^2/NDF: 1278.5/47

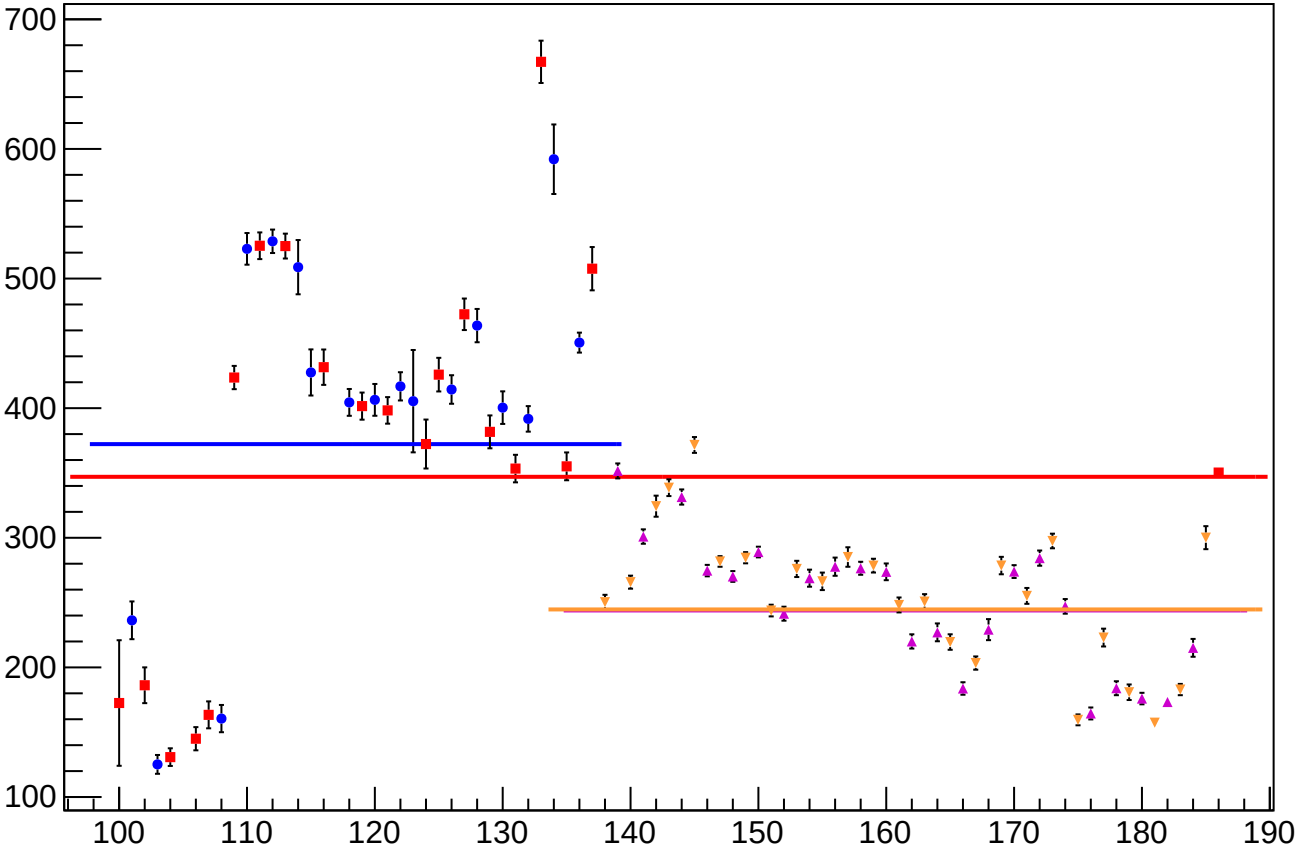
Right: 1.759+/-1.009 χ^2/NDF: 503.9/36

In: 1.226+/-0.730 χ^2/NDF:822.9/39

Out: 3.210+/-0.695 χ^2/NDF:956.0/44

All: 2.267+/-0.503 χ^2/NDF: 1782.7/84

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 244.716+/-1.085 χ^2/NDF:2565.7/24

Right Out: 347.046+/-2.036 χ^2/NDF: 3418.0/19

Left In: 243.933+/-1.090 χ^2/NDF:2294.8/22

Left: 244.327+/-0.769 χ^2/NDF: 4860.7/47

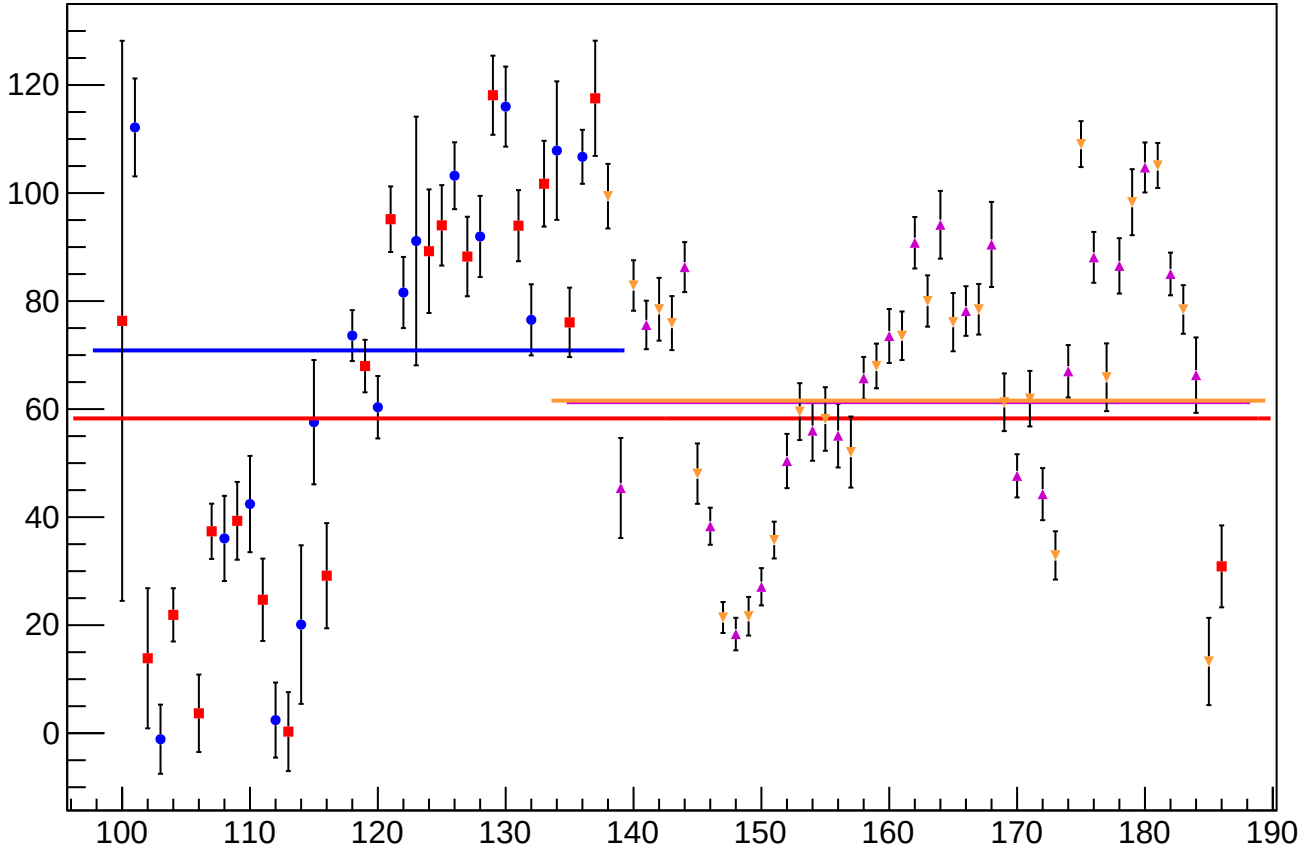
Right: 355.934+/-1.638 χ^2/NDF: 5905.2/36

In: 261.256+/-1.014 χ^2/NDF:6598.7/39

Out: 267.336+/-0.957 χ^2/NDF:7951.7/44

All: 264.471+/-0.696 χ^2/NDF: 14569.4/84

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 61.575+/-0.939 χ^2/NDF:870.3/24

Right Out: 58.276+/-1.596 χ^2/NDF: 504.5/19

Left In: 61.286+/-0.959 χ^2/NDF:702.8/22

Left: 61.434+/-0.671 χ^2/NDF: 1573.1/47

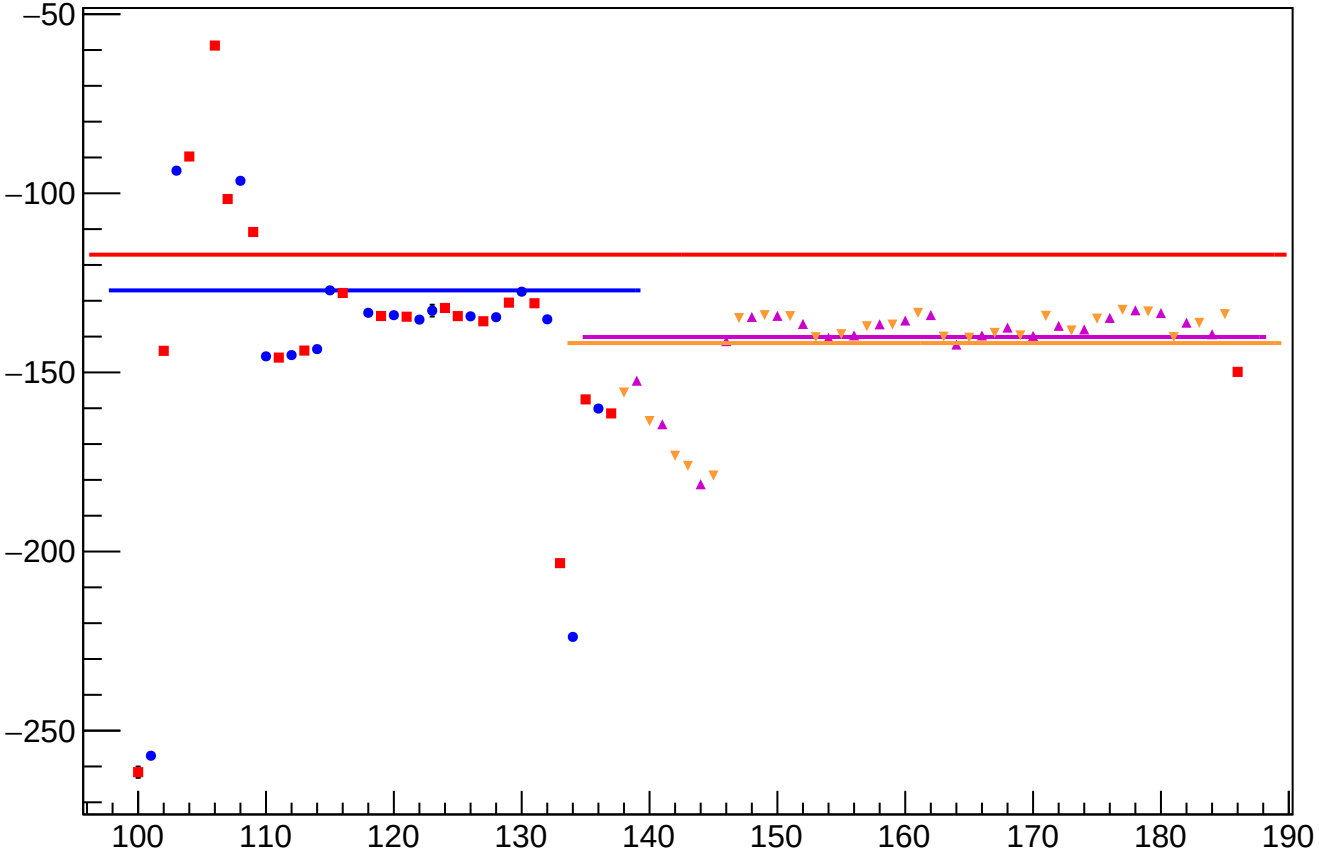
Right: 64.020+/-1.177 χ^2/NDF: 959.9/36

In: 63.512+/-0.840 χ^2/NDF:1153.0/39

Out: 60.727+/-0.809 χ^2/NDF:1378.0/44

All: 62.068+/-0.583 χ^2/NDF: 2536.6/84

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -141.811+/-0.045 χ^2/NDF:77727.6/24

Right Out: -117.127+/-0.082 χ^2/NDF: 171286.3/19

Left In: -140.112+/-0.045 χ^2/NDF:48400.6/22

Left: -140.962+/-0.032 χ^2/NDF: 126846.5/47

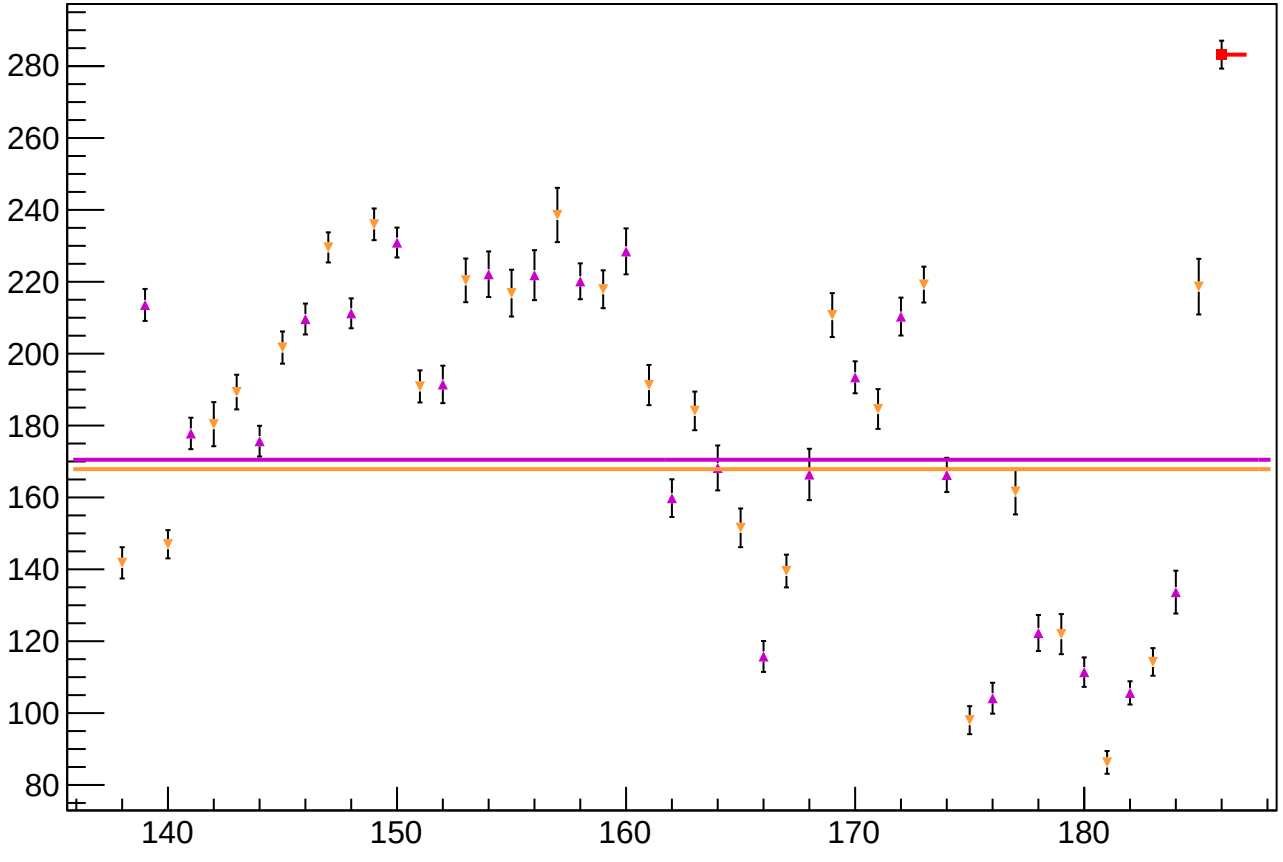
Right: -121.683+/-0.060 χ^2/NDF: 345114.3/36

In: -137.500+/-0.040 χ^2/NDF:232370.7/39

Out: -136.133+/-0.039 χ^2/NDF:318820.4/44

All: -136.803+/-0.028 χ^2/NDF: 551783.9/84

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 167.868+/-0.973 χ^2/NDF:2465.4/24

Right Out: 283.198+/-3.886 χ^2/NDF: 0.0/0

Left In: 170.487+/-0.991 χ^2/NDF:2036.5/22

Left: 169.154+/-0.695 χ^2/NDF: 4505.5/47

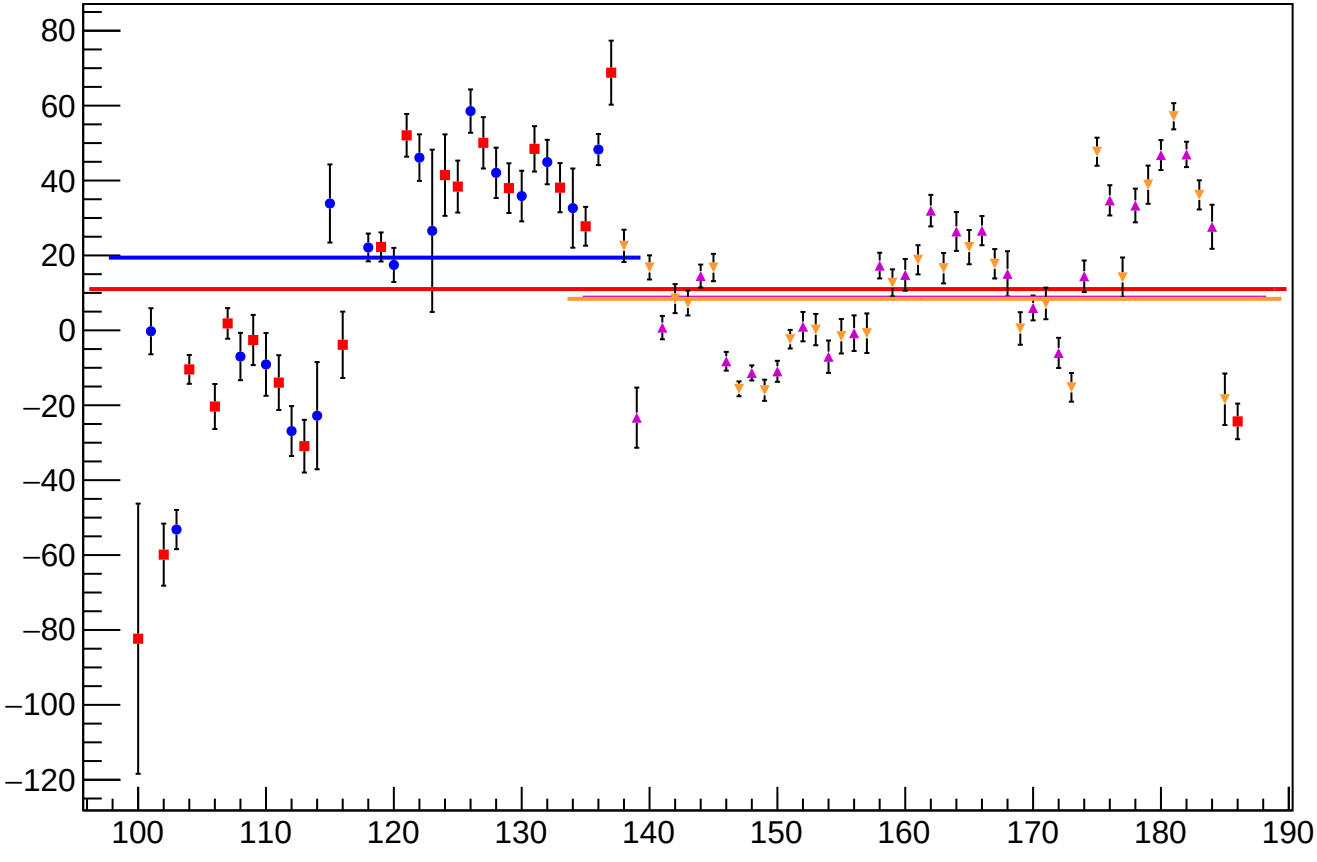
Right: 283.198+/-3.886 χ^2/NDF: 0.0/0

In: 170.487+/-0.991 χ^2/NDF:2036.5/22

Out: 174.678+/-0.944 χ^2/NDF:3294.2/25

All: 172.684+/-0.684 χ^2/NDF: 5340.1/48

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.416+/-1.480 χ^2/NDF: 441.1/16

Left Out: 8.415+/-0.731 χ^2/NDF:750.6/24

Right Out: 11.025+/-1.336 χ^2/NDF: 496.5/19

Left In: 8.730+/-0.757 χ^2/NDF:630.1/22

Left: 8.567+/-0.526 χ^2/NDF: 1380.7/47

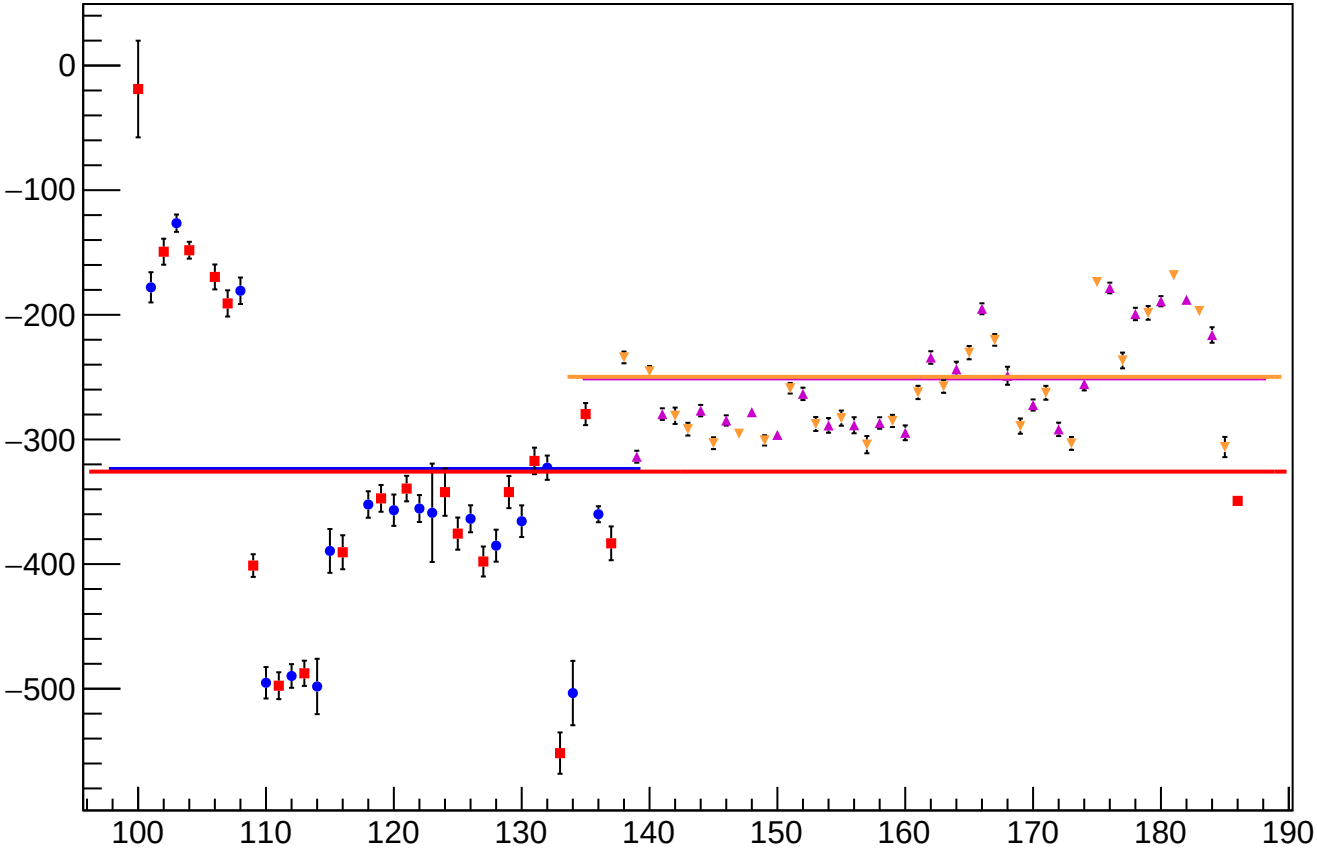
Right: 14.793+/-0.992 χ^2/NDF: 955.3/36

In: 10.945+/-0.674 χ^2/NDF:1112.5/39

Out: 9.016+/-0.641 χ^2/NDF:1250.0/44

All: 9.933+/-0.464 χ^2/NDF: 2366.9/84

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -249.759+/-0.975 χ^2/NDF:2232.5/24

Right Out: -325.803+/-1.956 χ^2/NDF: 2395.6/19

Left In: -251.002+/-0.987 χ^2/NDF:1958.3/22

Left: -250.374+/-0.694 χ^2/NDF: 4191.7/47

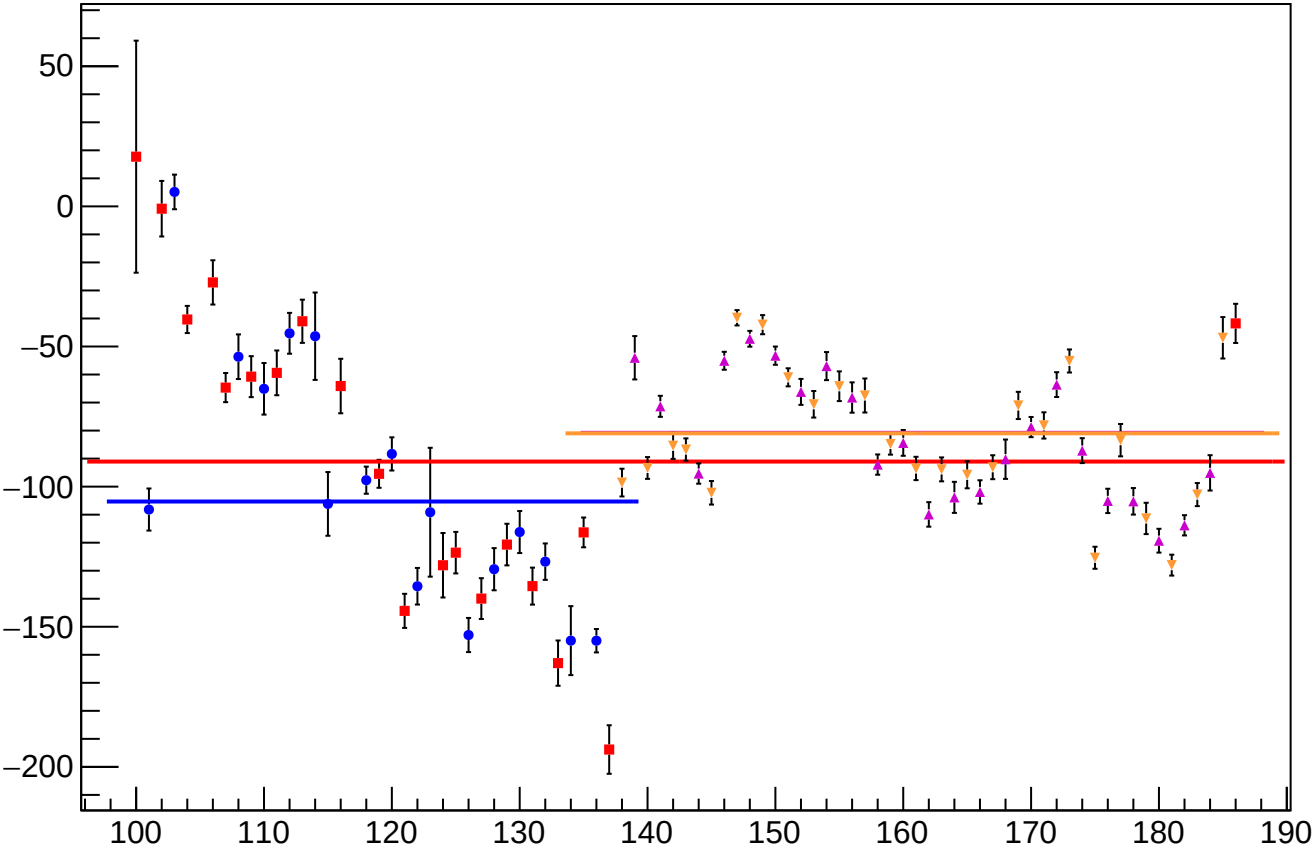
Right: -325.075+/-1.578 χ^2/NDF: 4246.8/36

In: -259.752+/-0.925 χ^2/NDF:4462.6/39

Out: -264.894+/-0.873 χ^2/NDF:5838.4/44

All: -262.473+/-0.635 χ^2/NDF: 10317.3/84

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -80.981+/-0.846 χ^2/NDF:911.2/24

Right Out: -91.056+/-1.570 χ^2/NDF: 879.0/19

Left In: -80.803+/-0.870 χ^2/NDF:695.4/22

Left: -80.895+/-0.606 χ^2/NDF: 1606.6/47

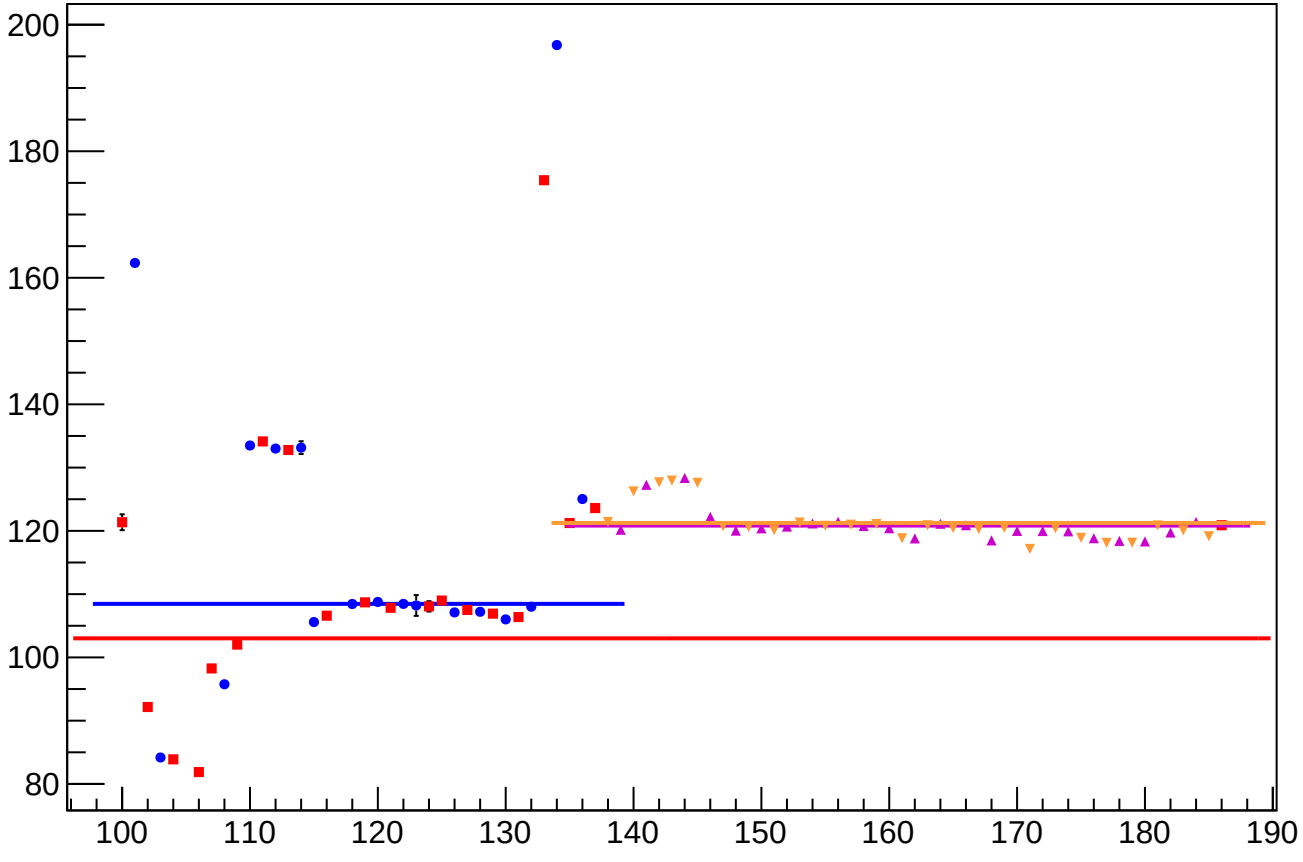
Right: -97.646+/-1.151 χ^2/NDF: 1654.6/36

In: -85.918+/-0.774 χ^2/NDF:1598.6/39

Out: -83.248+/-0.745 χ^2/NDF:1822.1/44

All: -84.533+/-0.537 χ^2/NDF: 3426.9/84

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 121.248+/-0.040 χ^2/NDF:4820.1/24

Right Out: 103.013+/-0.078 χ^2/NDF: 54429.1/19

Left In: 120.834+/-0.041 χ^2/NDF:3372.4/22

Left: 121.043+/-0.029 χ^2/NDF: 8245.1/47

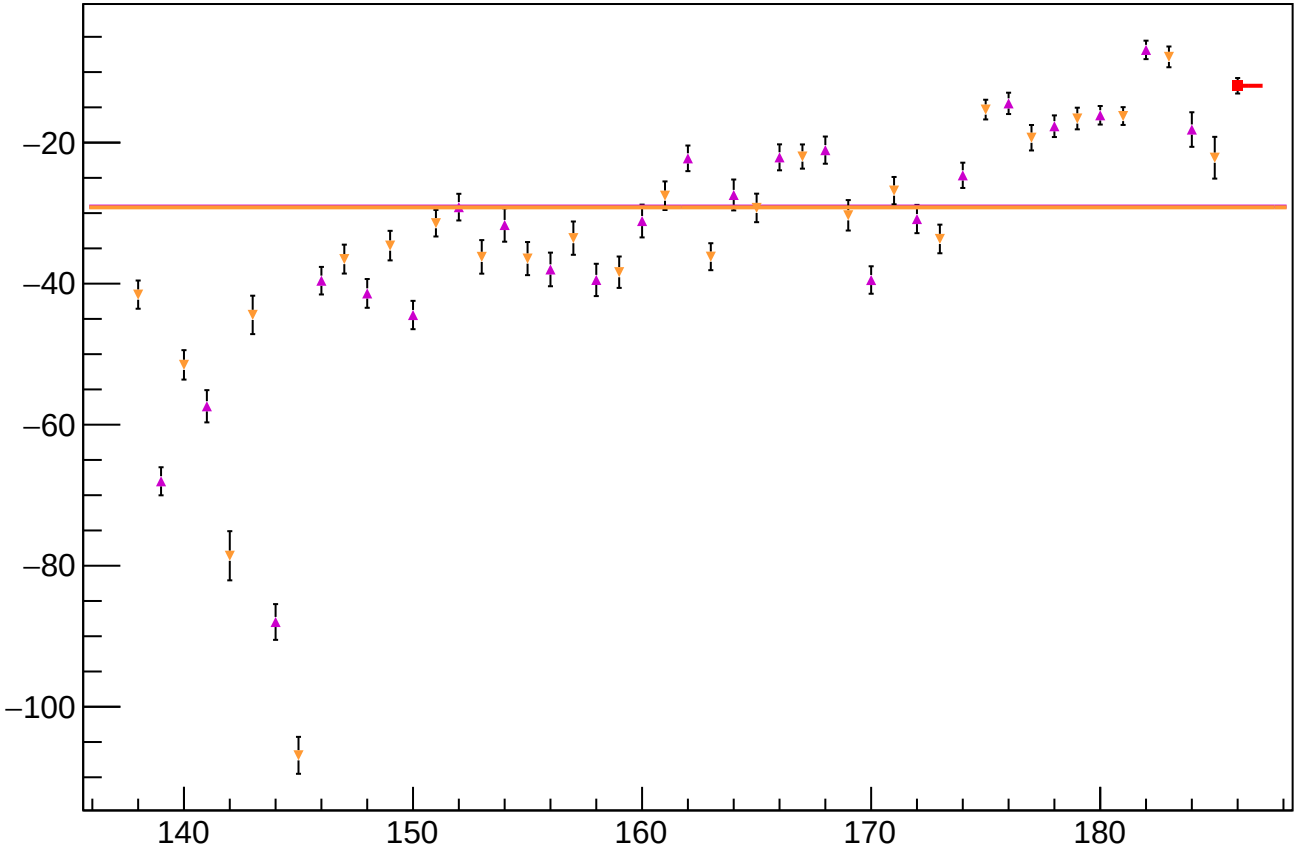
Right: 105.529+/-0.058 χ^2/NDF: 129956.3/36

In: 118.531+/-0.037 χ^2/NDF:94036.0/39

Out: 117.456+/-0.036 χ^2/NDF:101996.8/44

All: 117.982+/-0.026 χ^2/NDF: 196474.4/84

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -29.182+/-0.389 χ^2/NDF:1880.4/24

Right Out: -11.940+/-1.098 χ^2/NDF: 0.0/0

Left In: -29.073+/-0.394 χ^2/NDF:1872.4/22

Left: -29.128+/-0.277 χ^2/NDF: 3752.8/47

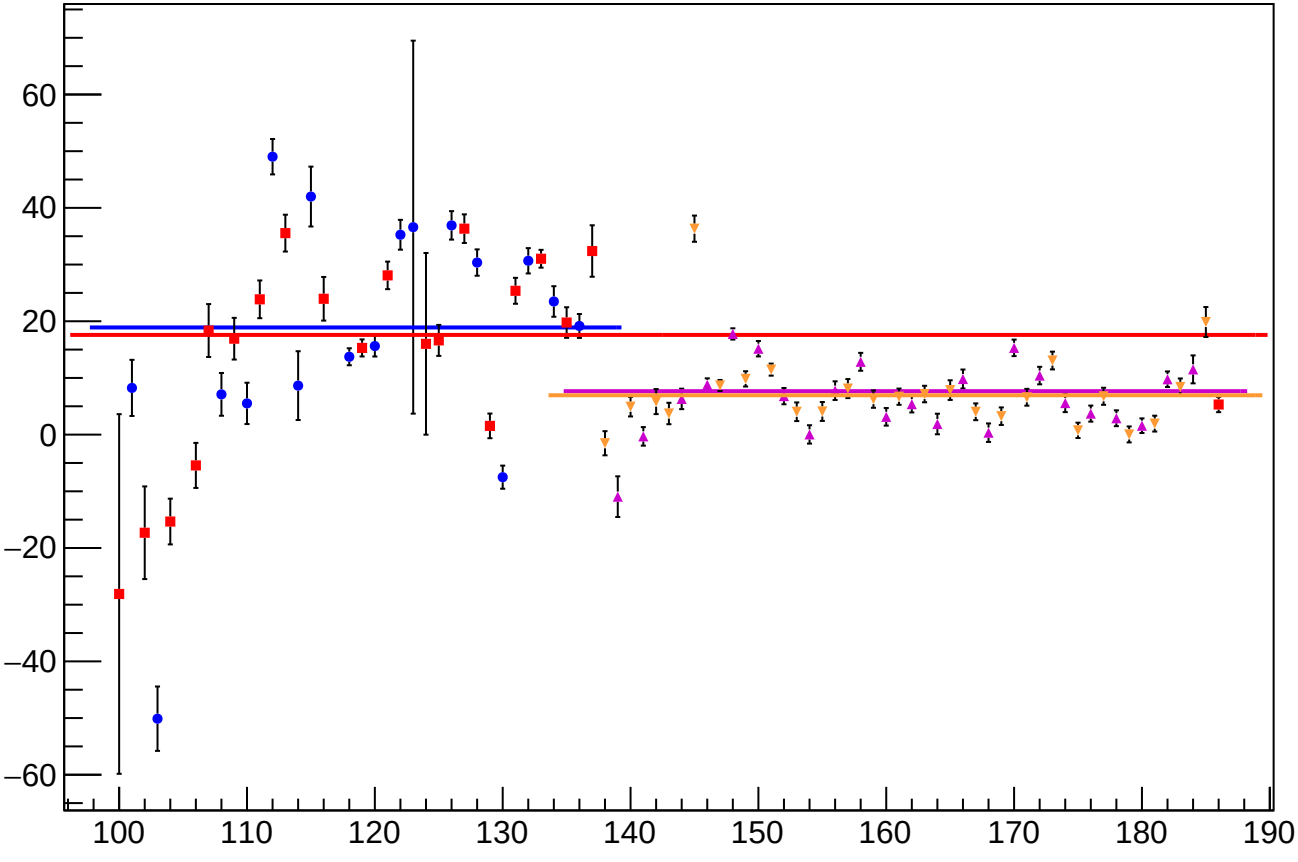
Right: -11.940+/-1.098 χ^2/NDF: 0.0/0

In: -29.073+/-0.394 χ^2/NDF:1872.4/22

Out: -27.257+/-0.367 χ^2/NDF:2099.4/25

All: -28.101+/-0.268 χ^2/NDF: 3983.2/48

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906+/-0.644 χ^2/NDF: 618.9/16

Left Out: 6.943+/-0.304 χ^2/NDF:322.6/24

Right Out: 17.590+/-0.581 χ^2/NDF: 467.1/19

Left In: 7.666+/-0.313 χ^2/NDF:341.1/22

Left: 7.294+/-0.218 χ^2/NDF: 666.5/47

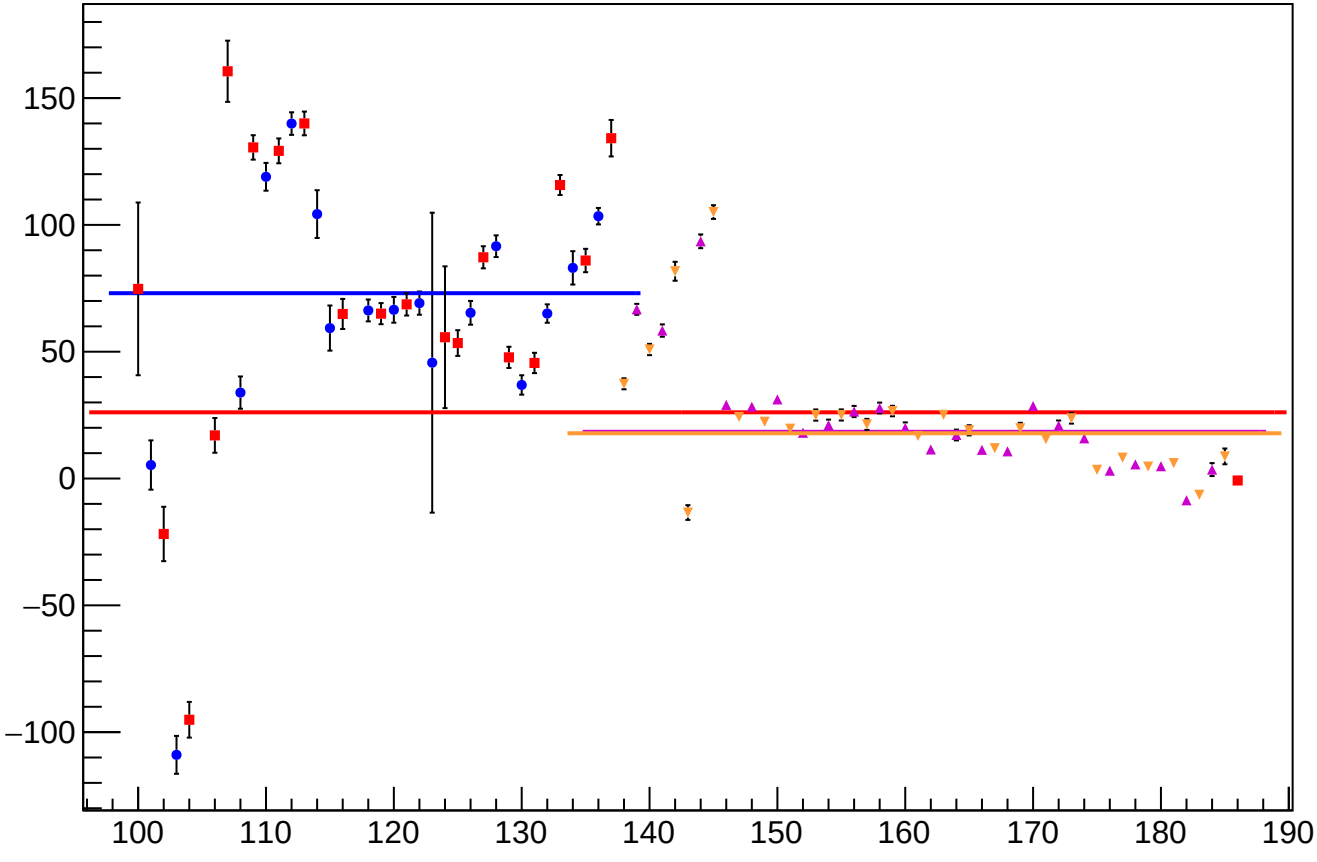
Right: 18.181+/-0.431 χ^2/NDF: 1088.4/36

In: 9.813+/-0.281 χ^2/NDF:1206.8/39

Out: 9.228+/-0.269 χ^2/NDF:1053.6/44

All: 9.507+/-0.194 χ^2/NDF: 2262.7/84

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 17.841+/-0.388 χ^2/NDF:2399.7/24

Right Out: 26.102+/-0.713 χ^2/NDF: 4299.2/19

Left In: 18.416+/-0.391 χ^2/NDF:2468.4/22

Left: 18.126+/-0.275 χ^2/NDF: 4869.1/47

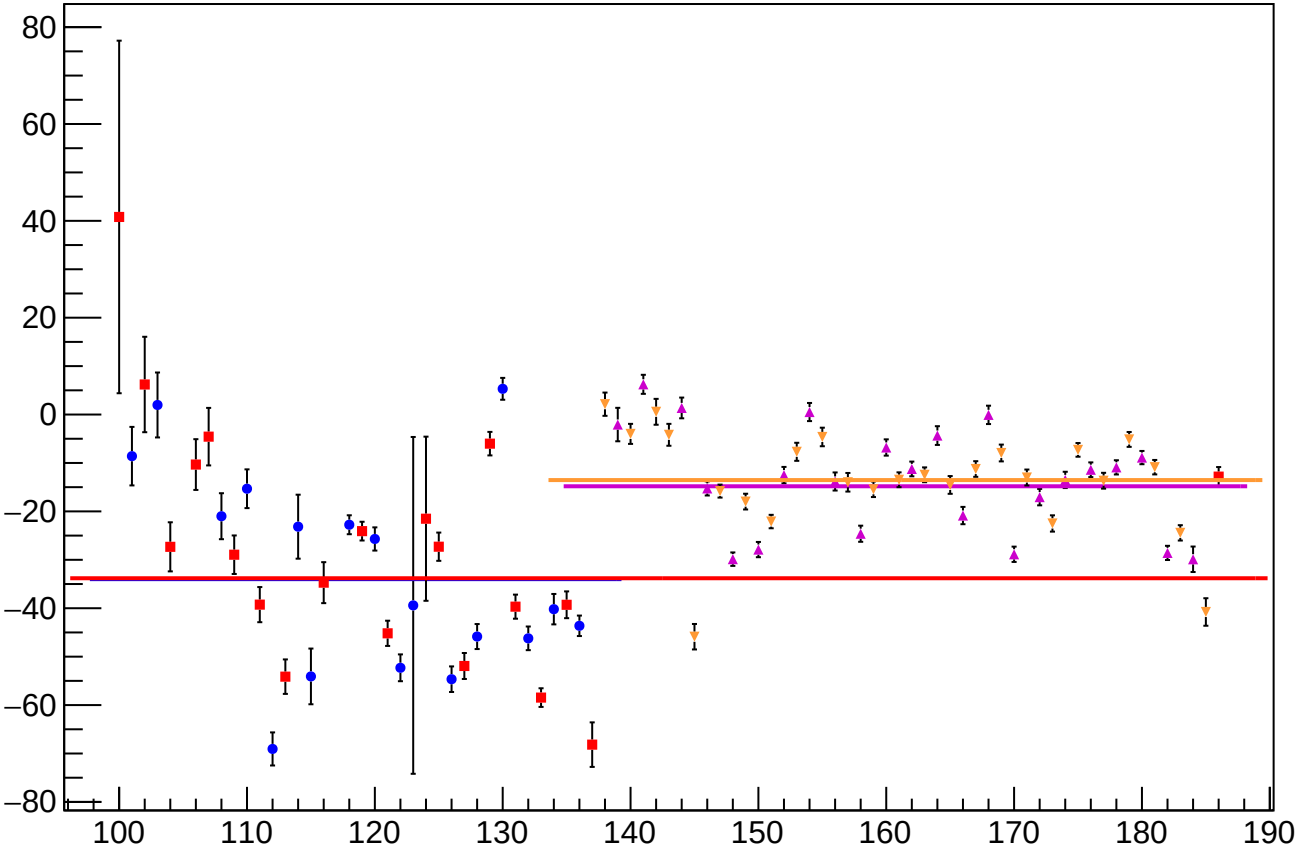
Right: 37.948+/-0.617 χ^2/NDF: 6593.4/36

In: 23.454+/-0.373 χ^2/NDF:5467.2/39

Out: 19.727+/-0.341 χ^2/NDF:6802.4/44

All: 21.423+/-0.251 χ^2/NDF: 12324.0/84

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -13.535+/-0.345 χ^2/NDF:574.6/24

Right Out: -33.808+/-0.690 χ^2/NDF: 671.1/19

Left In: -14.815+/-0.353 χ^2/NDF:838.2/22

Left: -14.159+/-0.247 χ^2/NDF: 1419.5/47

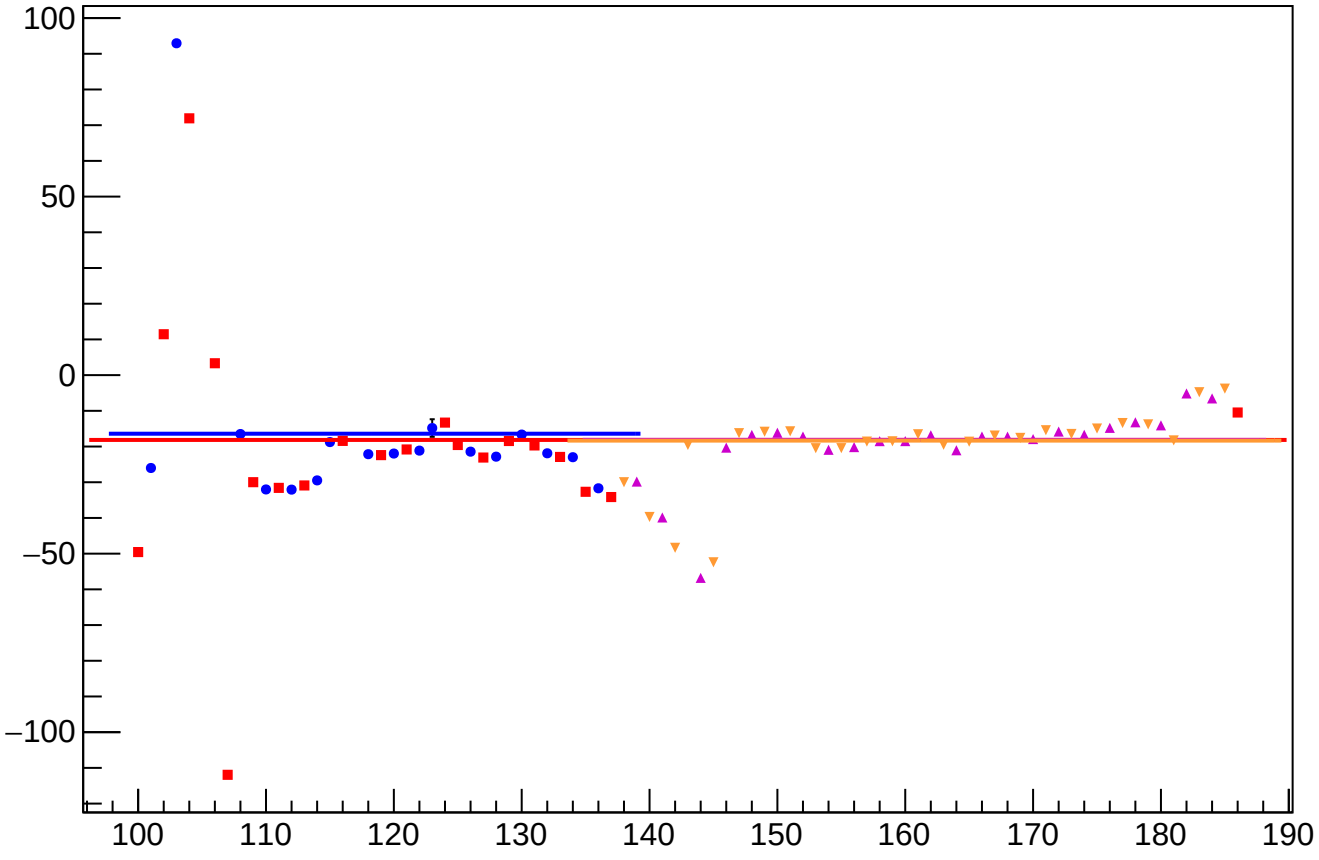
Right: -33.894+/-0.504 χ^2/NDF: 1390.9/36

In: -18.401+/-0.318 χ^2/NDF:2109.5/39

Out: -17.579+/-0.308 χ^2/NDF:1935.8/44

All: -17.977+/-0.222 χ^2/NDF: 4048.7/84

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -18.337+/-0.016 χ^2/NDF:283793.3/24

Right Out: -18.152+/-0.043 χ^2/NDF: 437389.5/19

Left In: -18.135+/-0.016 χ^2/NDF:245650.3/22

Left: -18.237+/-0.011 χ^2/NDF: 529524.6/47

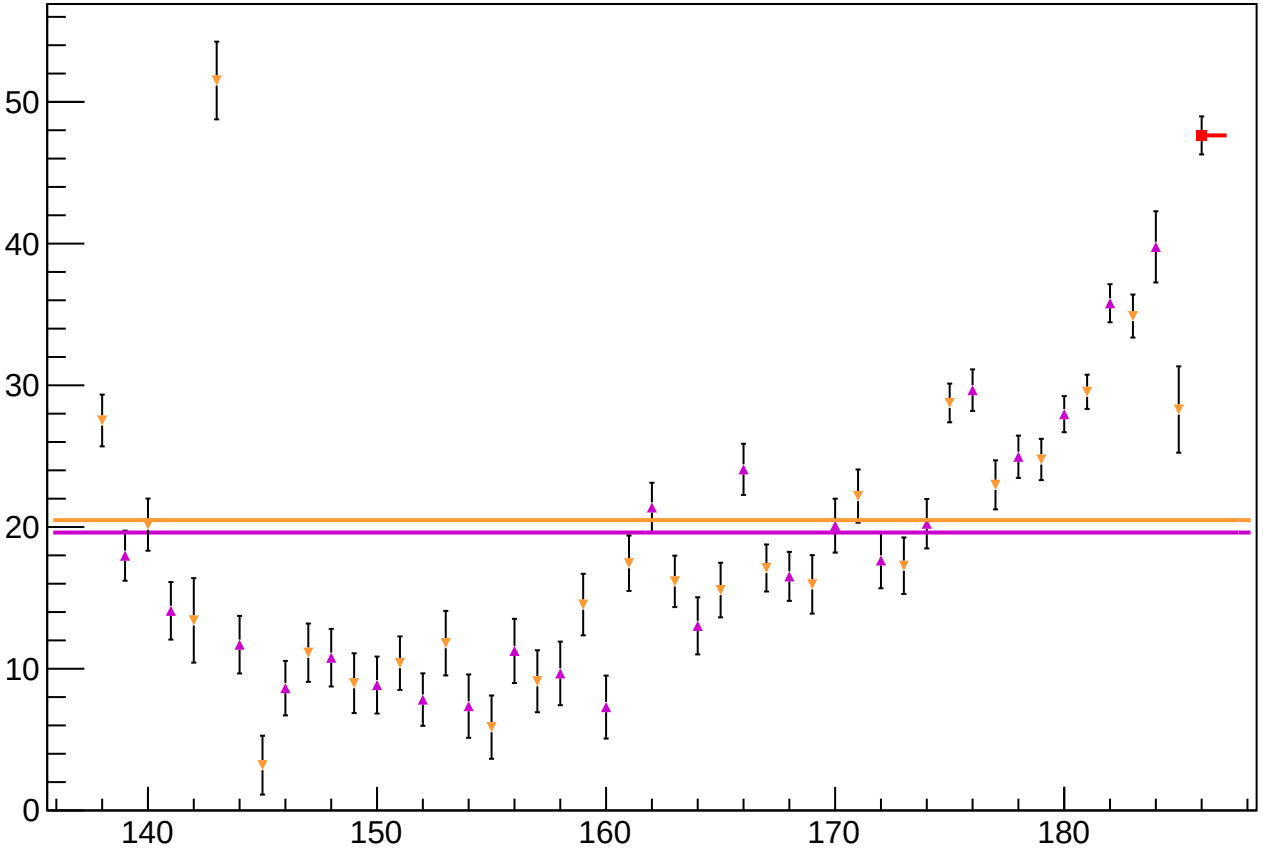
Right: -17.306+/-0.031 χ^2/NDF: 912551.2/36

In: -17.936+/-0.015 χ^2/NDF:721355.0/39

Out: -18.315+/-0.015 χ^2/NDF:721199.1/44

All: -18.128+/-0.011 χ^2/NDF: 1442875.1/84

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 20.485+/-0.374 χ^2/NDF:615.7/24

Right Out: 47.635+/-1.343 χ^2/NDF: 0.0/0

Left In: 19.612+/-0.379 χ^2/NDF:572.7/22

Left: 20.054+/-0.266 χ^2/NDF: 1191.1/47

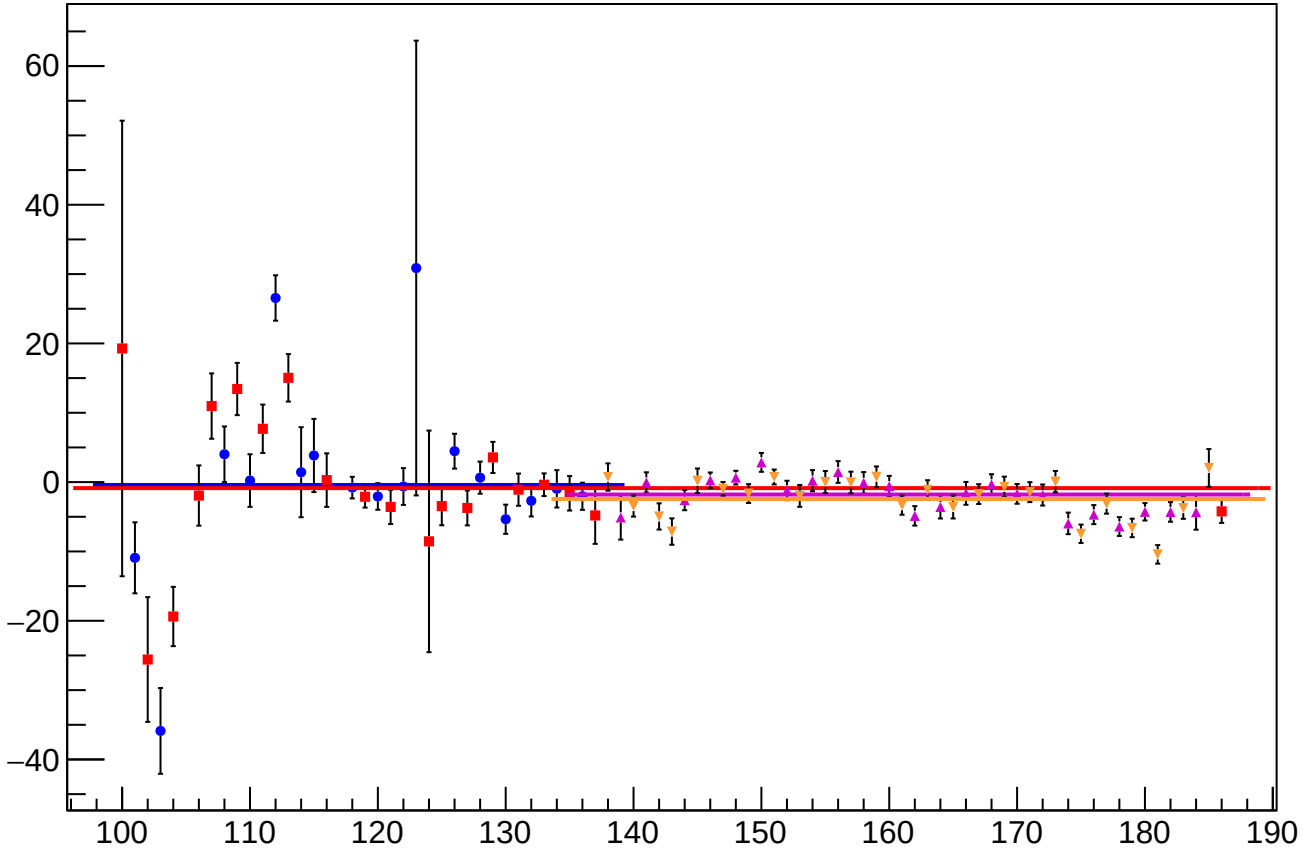
Right: 47.635+/-1.343 χ^2/NDF: 0.0/0

In: 19.612+/-0.379 χ^2/NDF:572.7/22

Out: 22.435+/-0.360 χ^2/NDF:994.8/25

All: 21.094+/-0.261 χ^2/NDF: 1596.7/48

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.414+/-0.653 χ^2/NDF: 119.9/16

Left Out: -2.429+/-0.293 χ^2/NDF:103.7/24

Right Out: -0.867+/-0.611 χ^2/NDF: 88.4/19

Left In: -1.791+/-0.301 χ^2/NDF:70.1/22

Left: -2.119+/-0.210 χ^2/NDF: 176.1/47

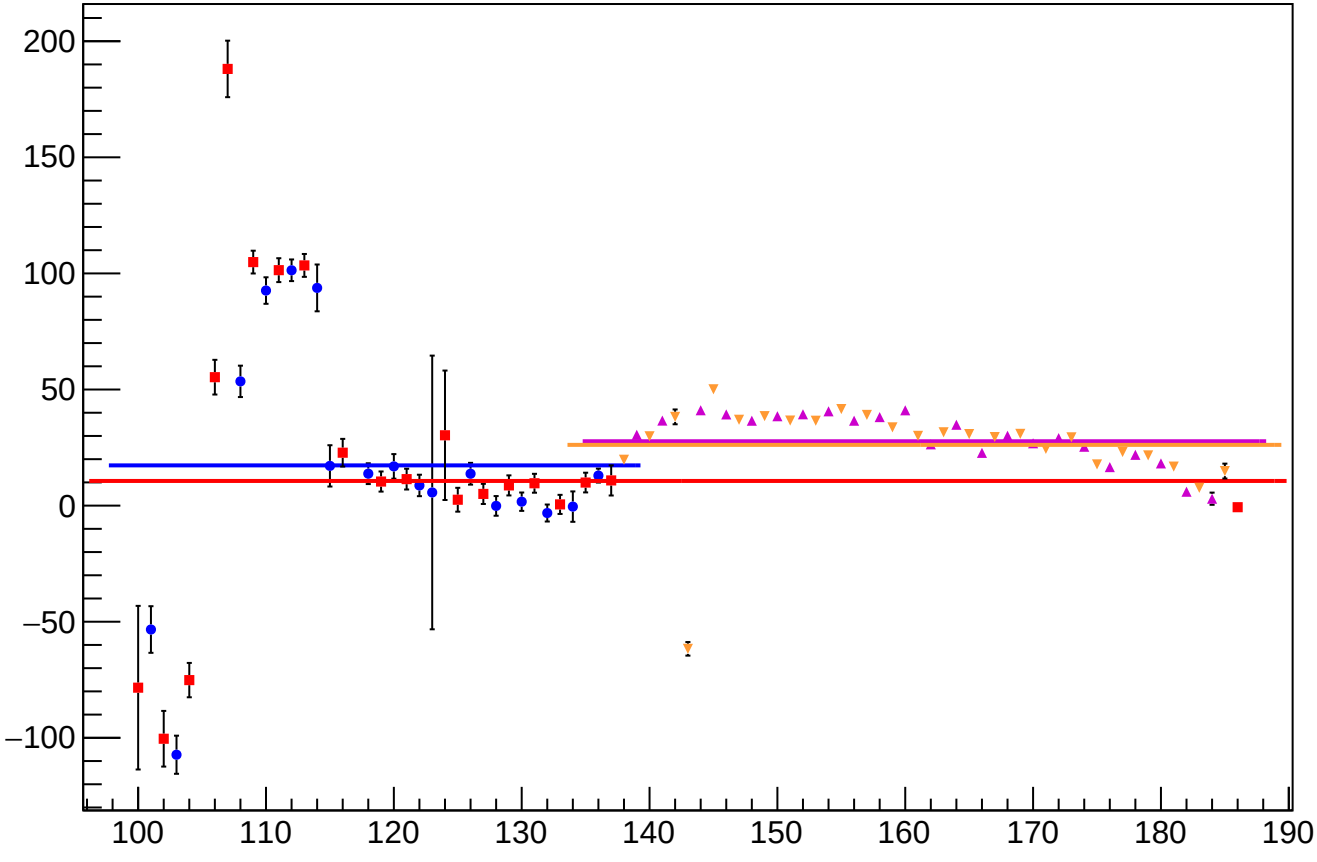
Right: -0.655+/-0.446 χ^2/NDF: 208.6/36

In: -1.549+/-0.274 χ^2/NDF:193.7/39

Out: -2.138+/-0.264 χ^2/NDF:197.5/44

All: -1.854+/-0.190 χ^2/NDF: 393.5/84

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 26.164+/-0.373 χ^2/NDF:1577.6/24

Right Out: 10.621+/-0.813 χ^2/NDF: 1636.7/19

Left In: 27.725+/-0.377 χ^2/NDF:805.1/22

Left: 26.936+/-0.265 χ^2/NDF: 2391.3/47

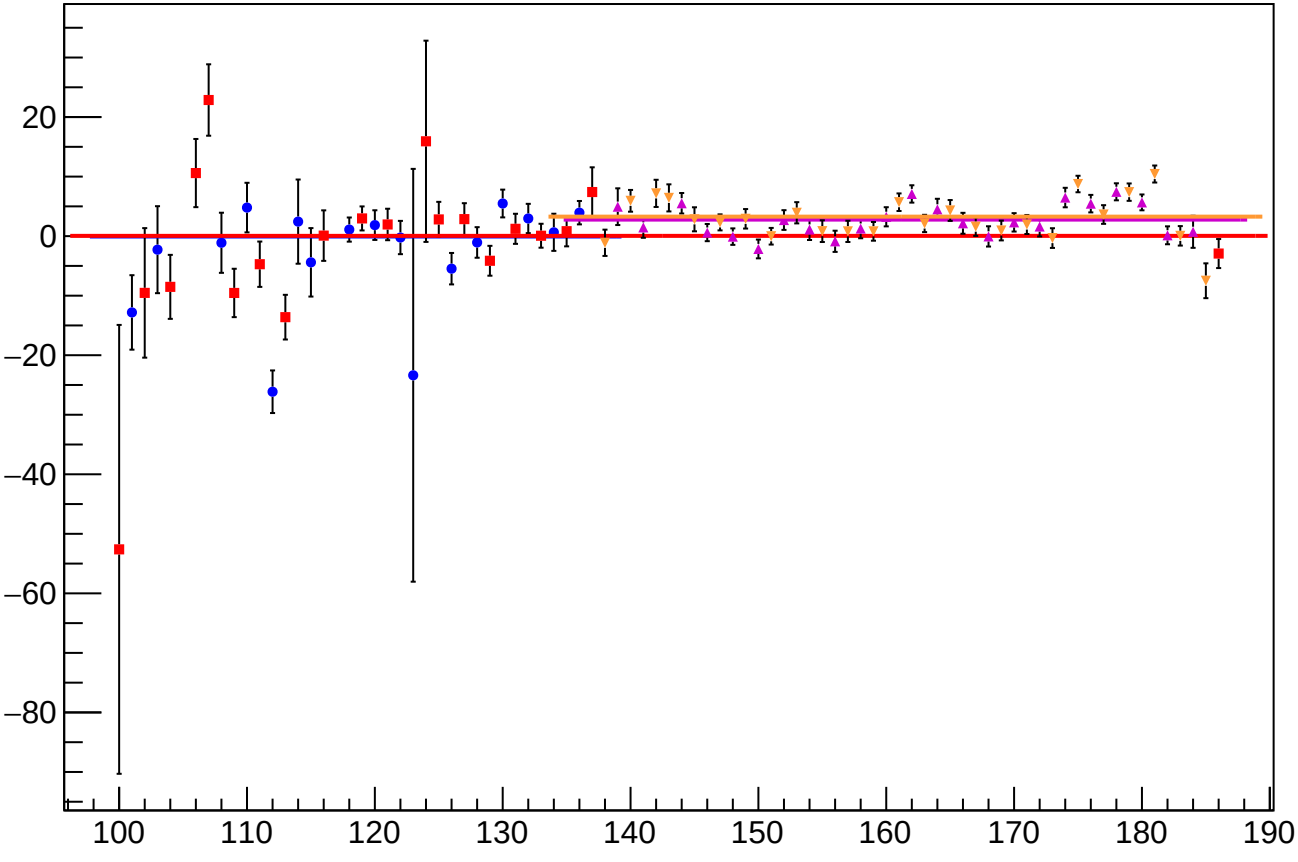
Right: 12.642+/-0.680 χ^2/NDF: 2600.3/36

In: 26.845+/-0.360 χ^2/NDF:1812.7/39

Out: 23.466+/-0.339 χ^2/NDF:3516.0/44

All: 25.052+/-0.247 χ^2/NDF: 5375.3/84

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 3.275+/-0.332 χ^2/NDF:101.8/24

Right Out: 0.045+/-0.716 χ^2/NDF: 56.7/19

Left In: 2.777+/-0.340 χ^2/NDF:66.5/22

Left: 3.032+/-0.238 χ^2/NDF: 169.4/47

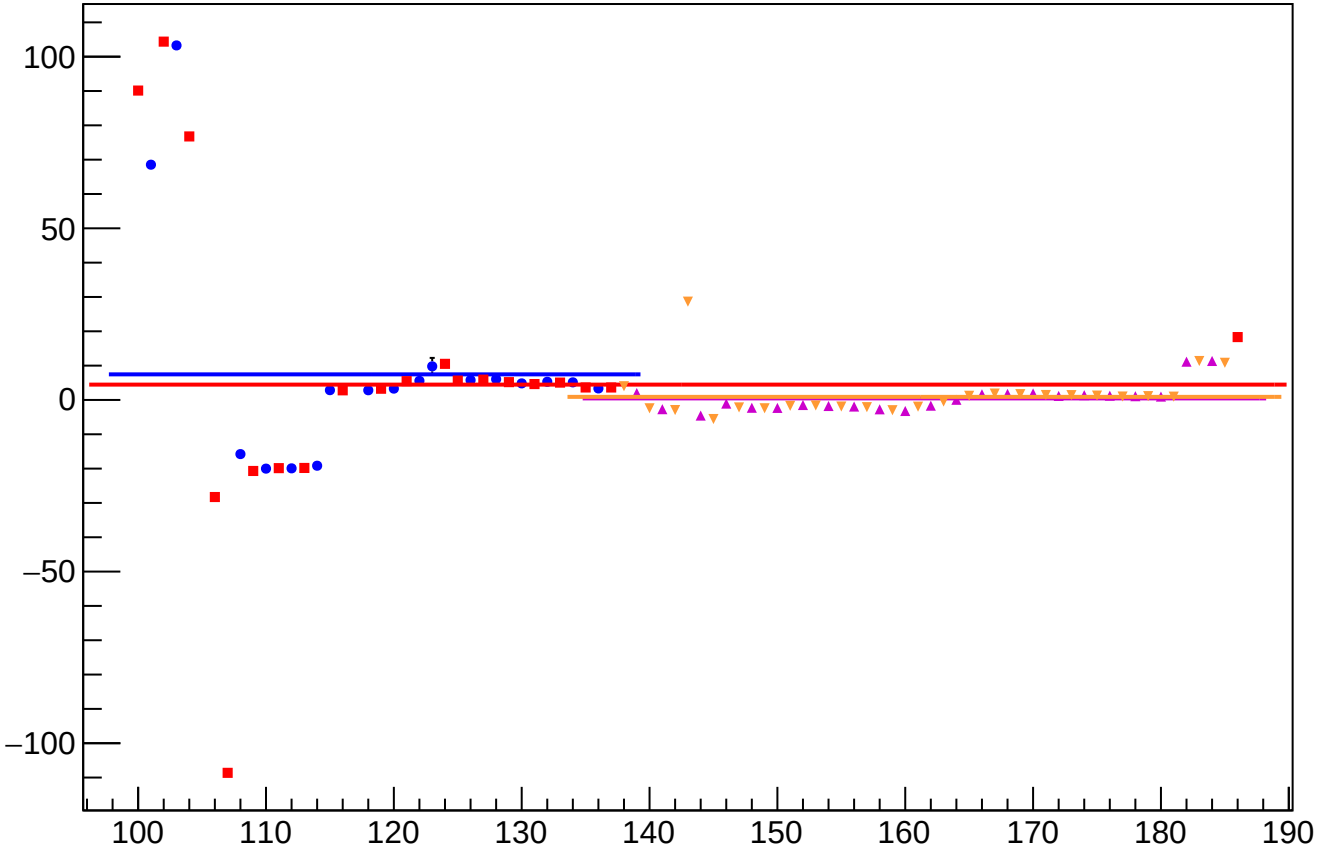
Right: -0.005+/-0.516 χ^2/NDF: 133.3/36

In: 2.286+/-0.309 χ^2/NDF:155.1/39

Out: 2.704+/-0.301 χ^2/NDF:175.3/44

All: 2.500+/-0.216 χ^2/NDF: 331.3/84

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: 0.898+/-0.015 χ^2/NDF:108195.0/24

Right Out: 4.469+/-0.044 χ^2/NDF: 517481.8/19

Left In: 0.448+/-0.015 χ^2/NDF:50533.6/22

Left: 0.675+/-0.011 χ^2/NDF: 159162.0/47

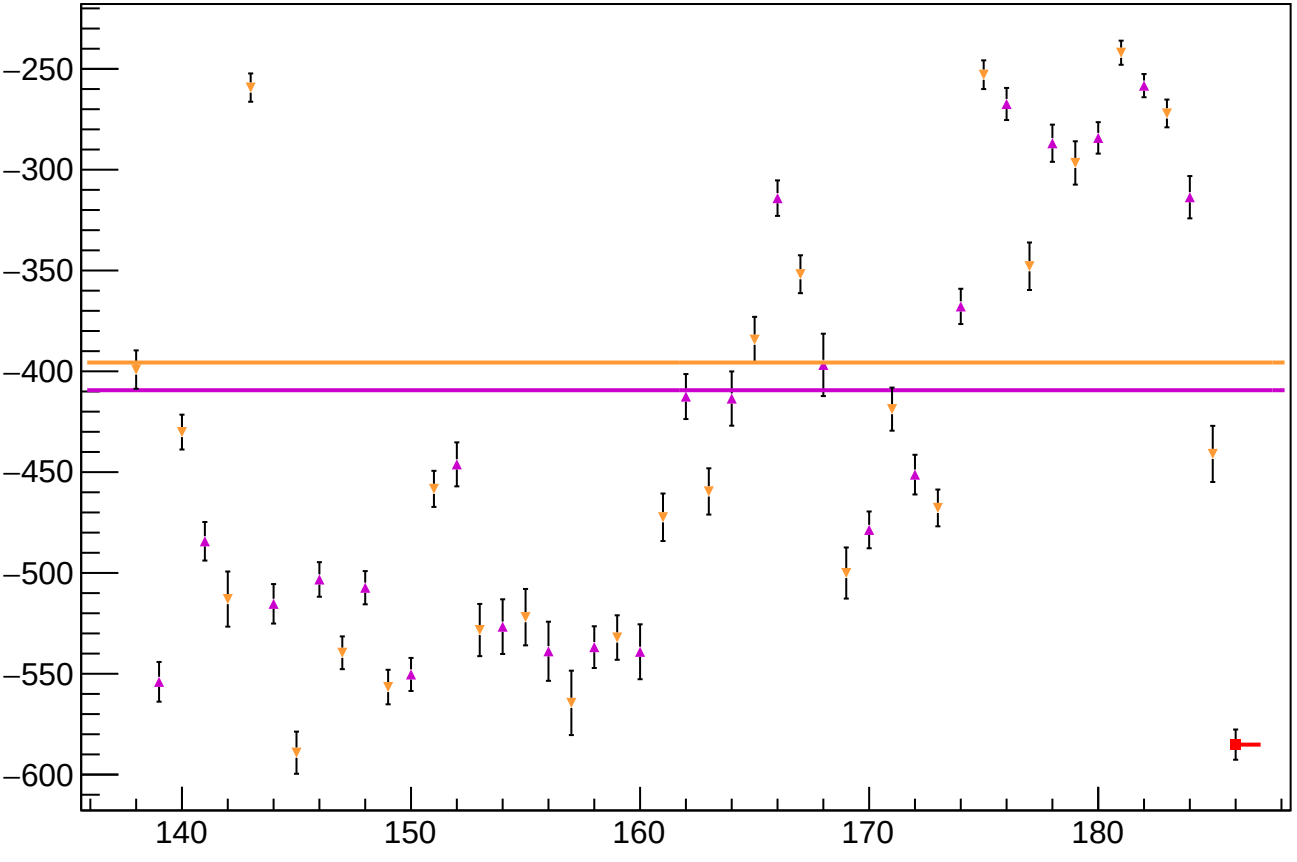
Right: 5.948+/-0.031 χ^2/NDF: 875813.7/36

In: 1.196+/-0.015 χ^2/NDF:428806.7/39

Out: 1.279+/-0.014 χ^2/NDF:631550.4/44

All: 1.238+/-0.010 χ^2/NDF: 1060373.5/84

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -395.638+/-1.909 χ^2/NDF:3704.0/24

Right Out: -585.144+/-7.497 χ^2/NDF: 0.0/0

Left In: -409.377+/-1.971 χ^2/NDF:3096.1/22

Left: -402.287+/-1.371 χ^2/NDF: 6825.2/47

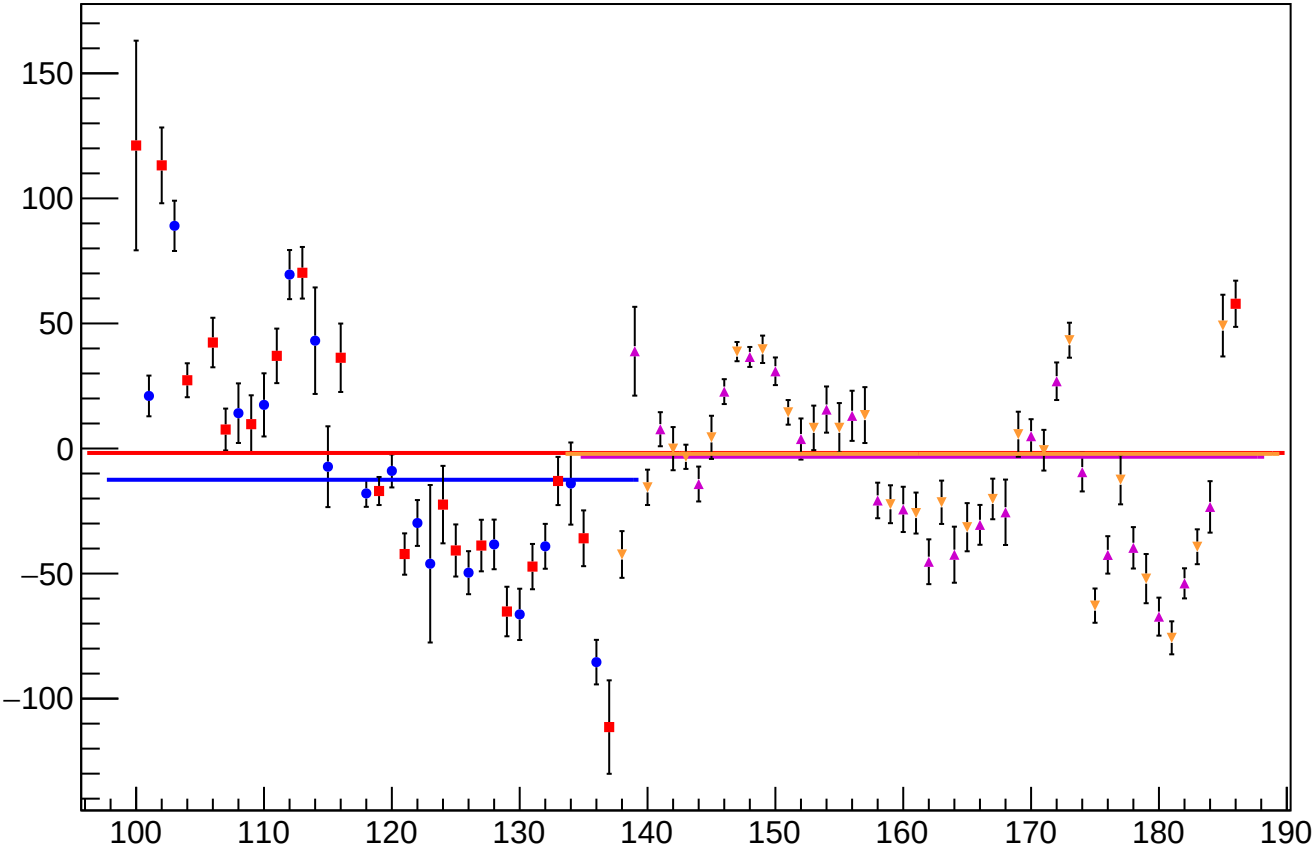
Right: -585.144+/-7.497 χ^2/NDF: 0.0/0

In: -409.377+/-1.971 χ^2/NDF:3096.1/22

Out: -407.179+/-1.850 χ^2/NDF:4304.1/25

All: -408.208+/-1.349 χ^2/NDF: 7400.9/48

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.500+/-2.311 χ^2/NDF: 341.1/16

Left Out: -2.133+/-1.435 χ^2/NDF:562.8/24

Right Out: -1.779+/-2.199 χ^2/NDF: 388.8/19

Left In: -3.290+/-1.517 χ^2/NDF:454.5/22

Left: -2.680+/-1.042 χ^2/NDF: 1017.6/47

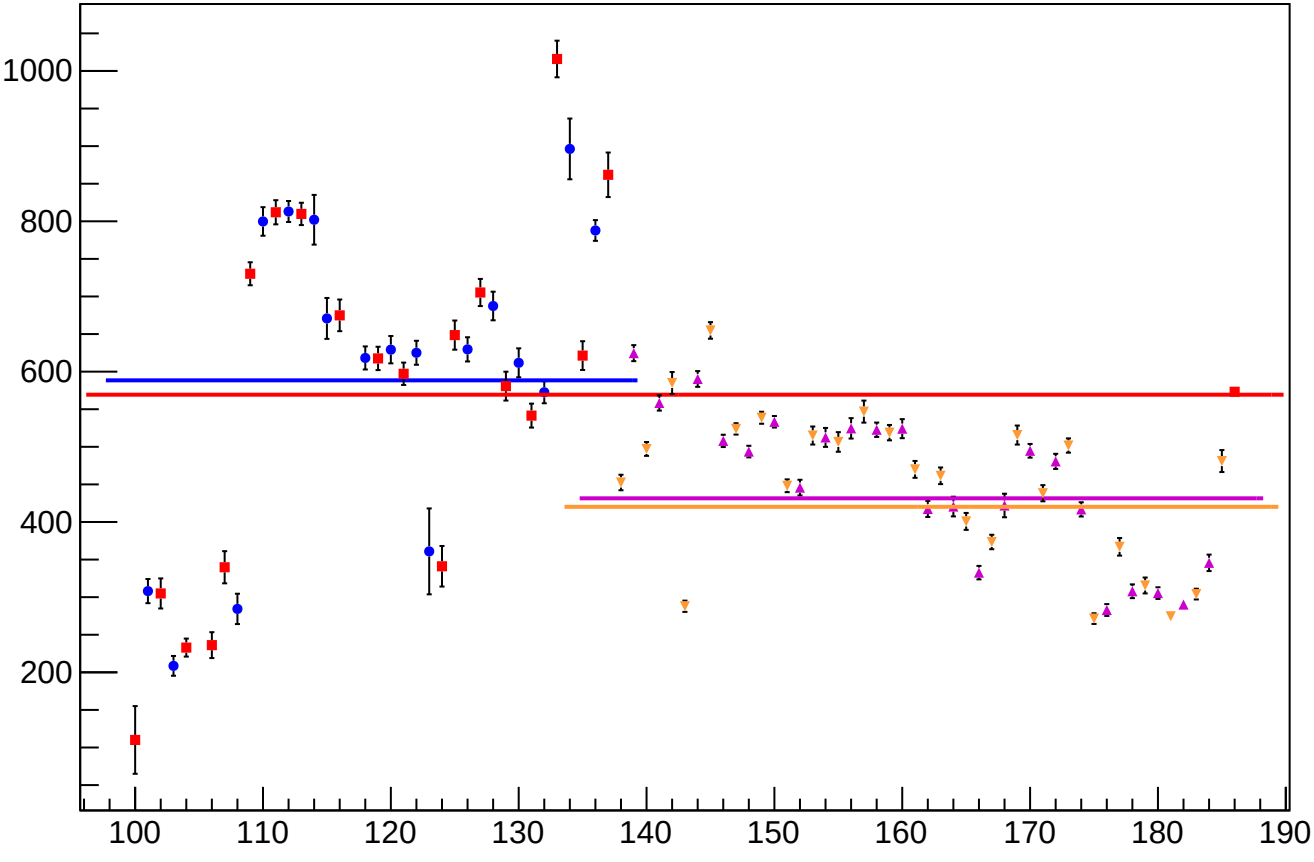
Right: -6.874+/-1.593 χ^2/NDF: 741.1/36

In: -6.062+/-1.268 χ^2/NDF:806.7/39

Out: -2.028+/-1.202 χ^2/NDF:951.6/44

All: -3.937+/-0.872 χ^2/NDF: 1763.6/84

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 420.181+/-1.916 χ^2/NDF:3241.0/24

Right Out: 569.326+/-3.402 χ^2/NDF: 2785.5/19

Left In: 431.487+/-1.964 χ^2/NDF:2897.1/22

Left: 425.693+/-1.371 χ^2/NDF: 6155.1/47

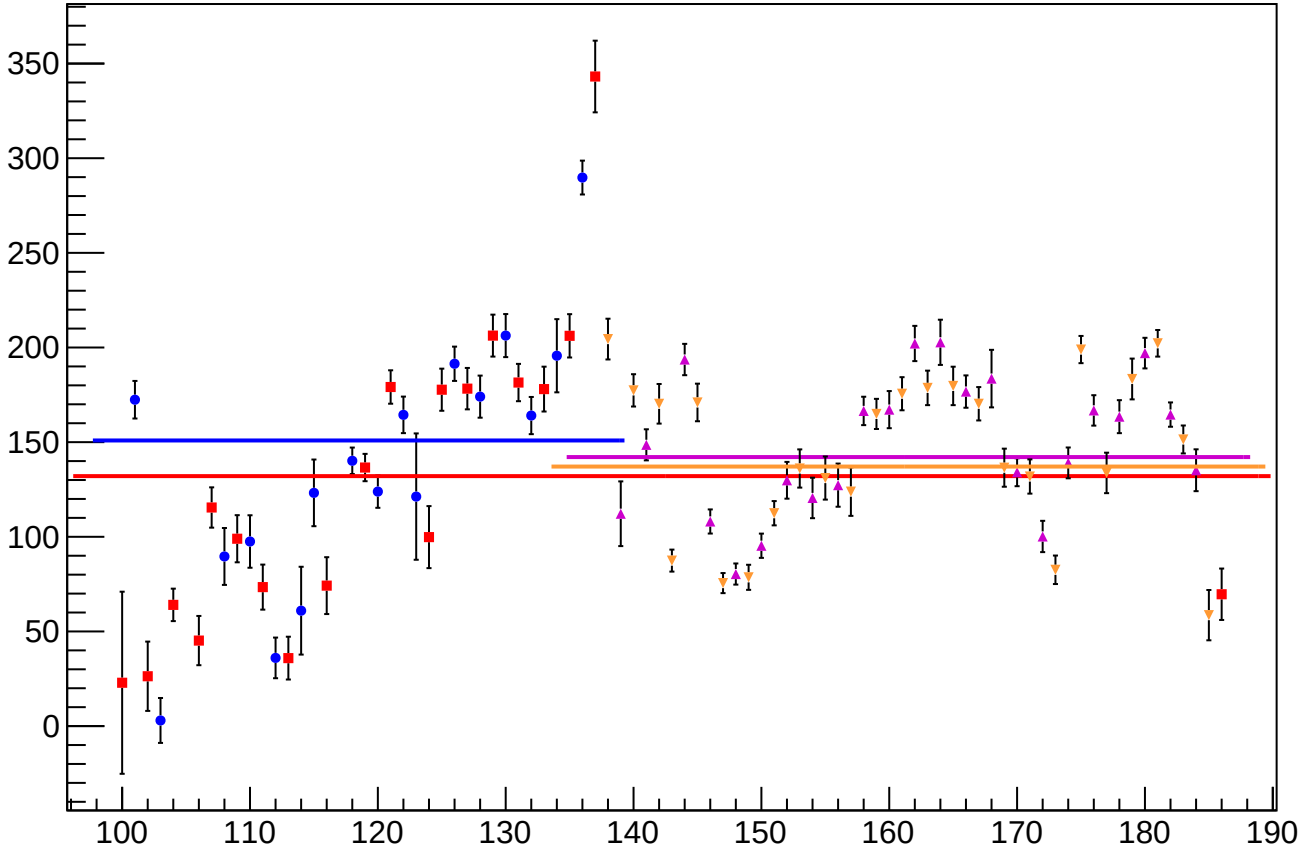
Right: 576.635+/-2.673 χ^2/NDF: 4927.7/36

In: 458.363+/-1.788 χ^2/NDF:6120.8/39

Out: 456.083+/-1.669 χ^2/NDF:7485.6/44

All: 457.145+/-1.220 χ^2/NDF: 13607.3/84

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 137.107+/-1.663 χ^2/NDF:738.9/24

Right Out: 132.057+/-2.572 χ^2/NDF: 606.8/19

Left In: 142.123+/-1.740 χ^2/NDF:463.8/22

Left: 139.501+/-1.202 χ^2/NDF: 1207.0/47

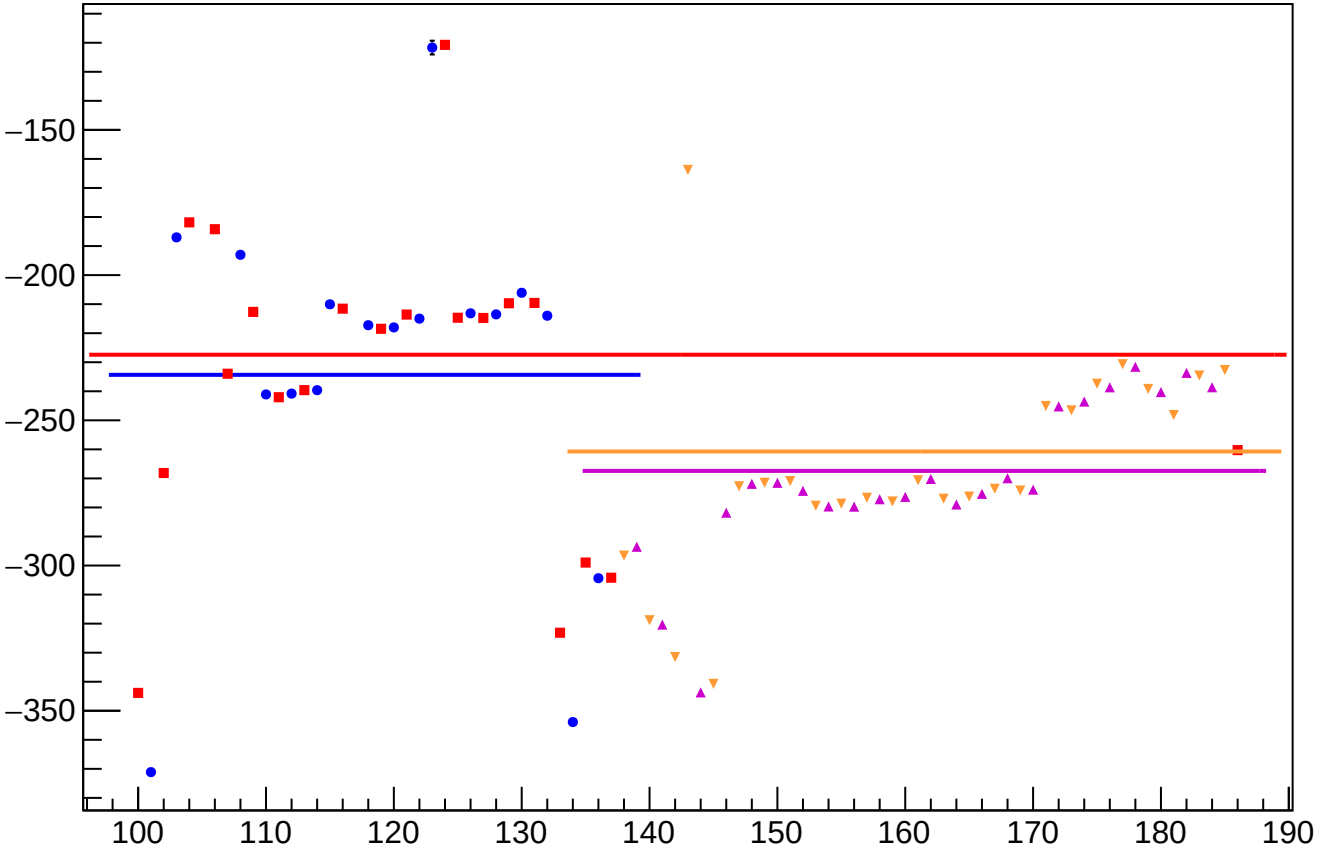
Right: 141.110+/-1.854 χ^2/NDF: 1267.4/36

In: 144.731+/-1.458 χ^2/NDF:1106.1/39

Out: 135.619+/-1.396 χ^2/NDF:1348.4/44

All: 139.977+/-1.009 χ^2/NDF: 2474.9/84

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -260.729+/-0.080 χ^2/NDF:220125.6/24

Right Out: -227.413+/-0.140 χ^2/NDF: 100610.8/19

Left In: -267.416+/-0.081 χ^2/NDF:98892.0/22

Left: -263.998+/-0.057 χ^2/NDF: 322472.0/47

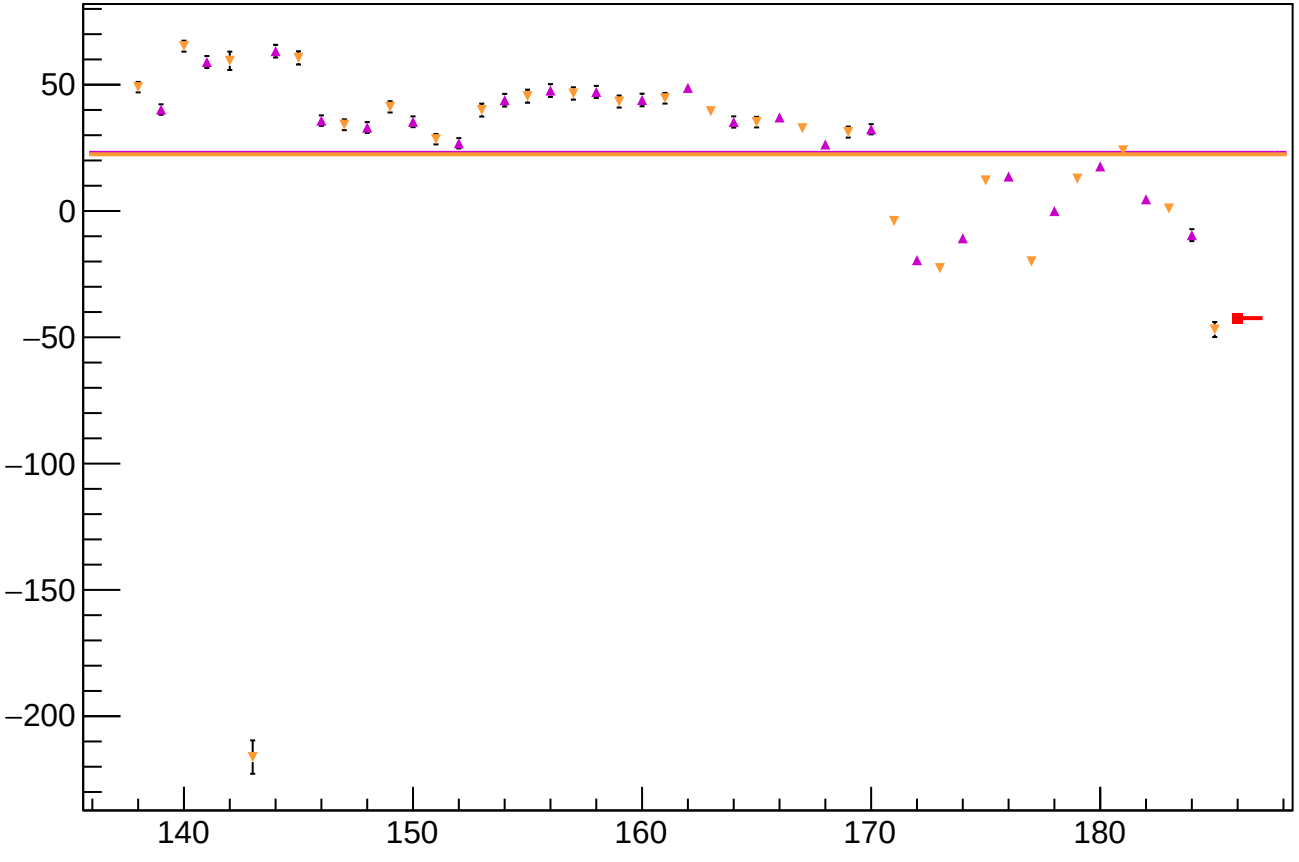
Right: -230.674+/-0.102 χ^2/NDF: 246931.1/36

In: -259.767+/-0.071 χ^2/NDF:282292.1/39

Out: -252.585+/-0.069 χ^2/NDF:363616.7/44

All: -256.065+/-0.050 χ^2/NDF: 651135.9/84

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 22.446+/-0.399 χ^2/NDF:4935.8/24

Right Out: -42.407+/-1.746 χ^2/NDF: 0.0/0

Left In: 23.019+/-0.400 χ^2/NDF:2819.9/22

Left: 22.732+/-0.282 χ^2/NDF: 7756.7/47

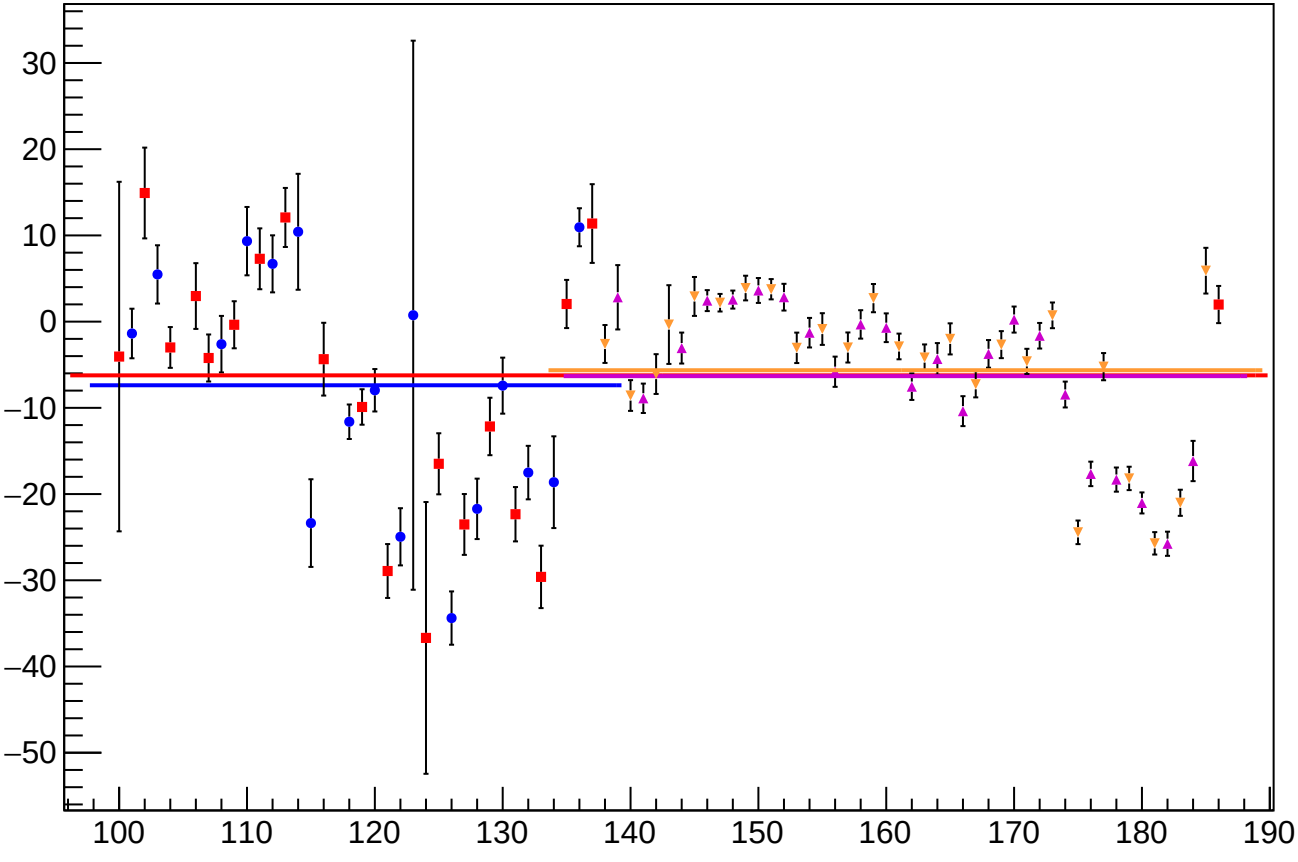
Right: -42.407+/-1.746 χ^2/NDF: 0.0/0

In: 23.019+/-0.400 χ^2/NDF:2819.9/22

Out: 19.230+/-0.389 χ^2/NDF:6247.0/25

All: 21.072+/-0.279 χ^2/NDF: 9113.1/48

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.381+/-0.779 χ^2/NDF: 283.6/16

Left Out: -5.639+/-0.316 χ^2/NDF:891.5/24

Right Out: -6.231+/-0.718 χ^2/NDF: 273.6/19

Left In: -6.323+/-0.320 χ^2/NDF:784.4/22

Left: -5.976+/-0.225 χ^2/NDF: 1678.2/47

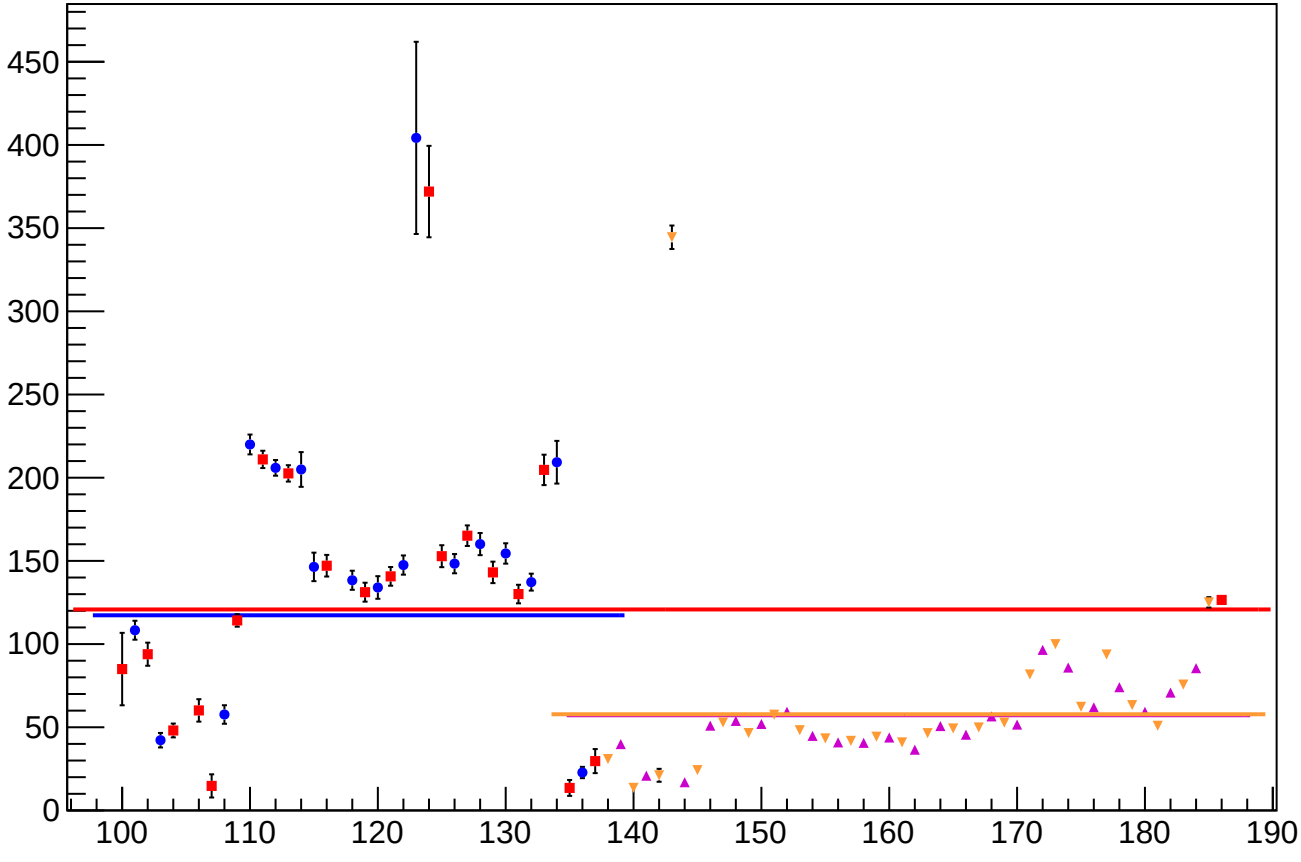
Right: -6.760+/-0.528 χ^2/NDF: 558.4/36

In: -6.476+/-0.296 χ^2/NDF:1069.5/39

Out: -5.734+/-0.289 χ^2/NDF:1165.7/44

All: -6.096+/-0.207 χ^2/NDF: 2238.5/84

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 57.816+/-0.398 χ^2/NDF:4331.5/24

Right Out: 120.812+/-0.976 χ^2/NDF: 2183.1/19

Left In: 57.226+/-0.398 χ^2/NDF:1860.6/22

Left: 57.521+/-0.281 χ^2/NDF: 6193.2/47

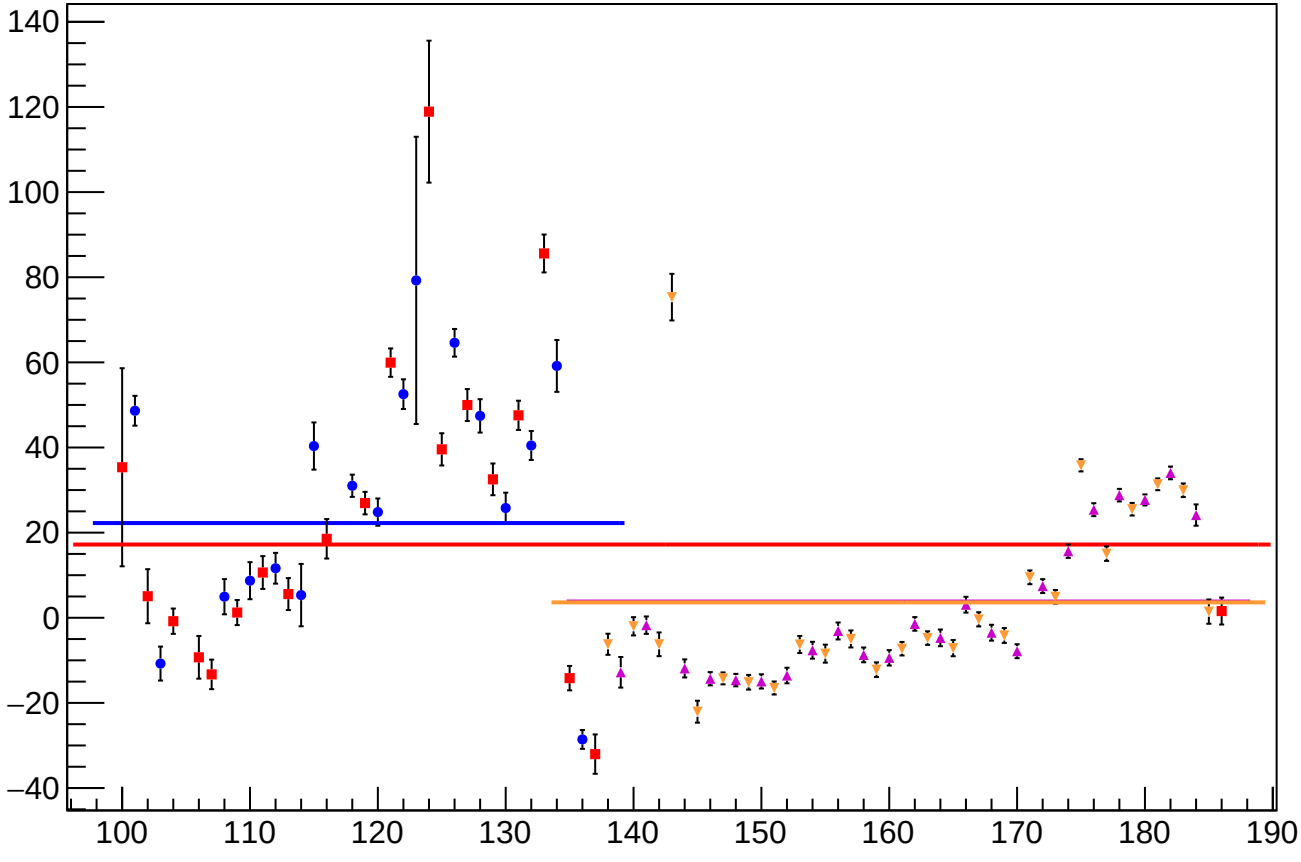
Right: 119.673+/-0.802 χ^2/NDF: 4348.5/36

In: 61.669+/-0.383 χ^2/NDF:5706.3/39

Out: 66.799+/-0.369 χ^2/NDF:10086.9/44

All: 64.333+/-0.266 χ^2/NDF: 15886.4/84

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: 3.615+/-0.357 χ^2/NDF:2501.2/24

Right Out: 17.205+/-0.840 χ^2/NDF: 1103.5/19

Left In: 3.812+/-0.361 χ^2/NDF:2203.5/22

Left: 3.712+/-0.254 χ^2/NDF: 4704.8/47

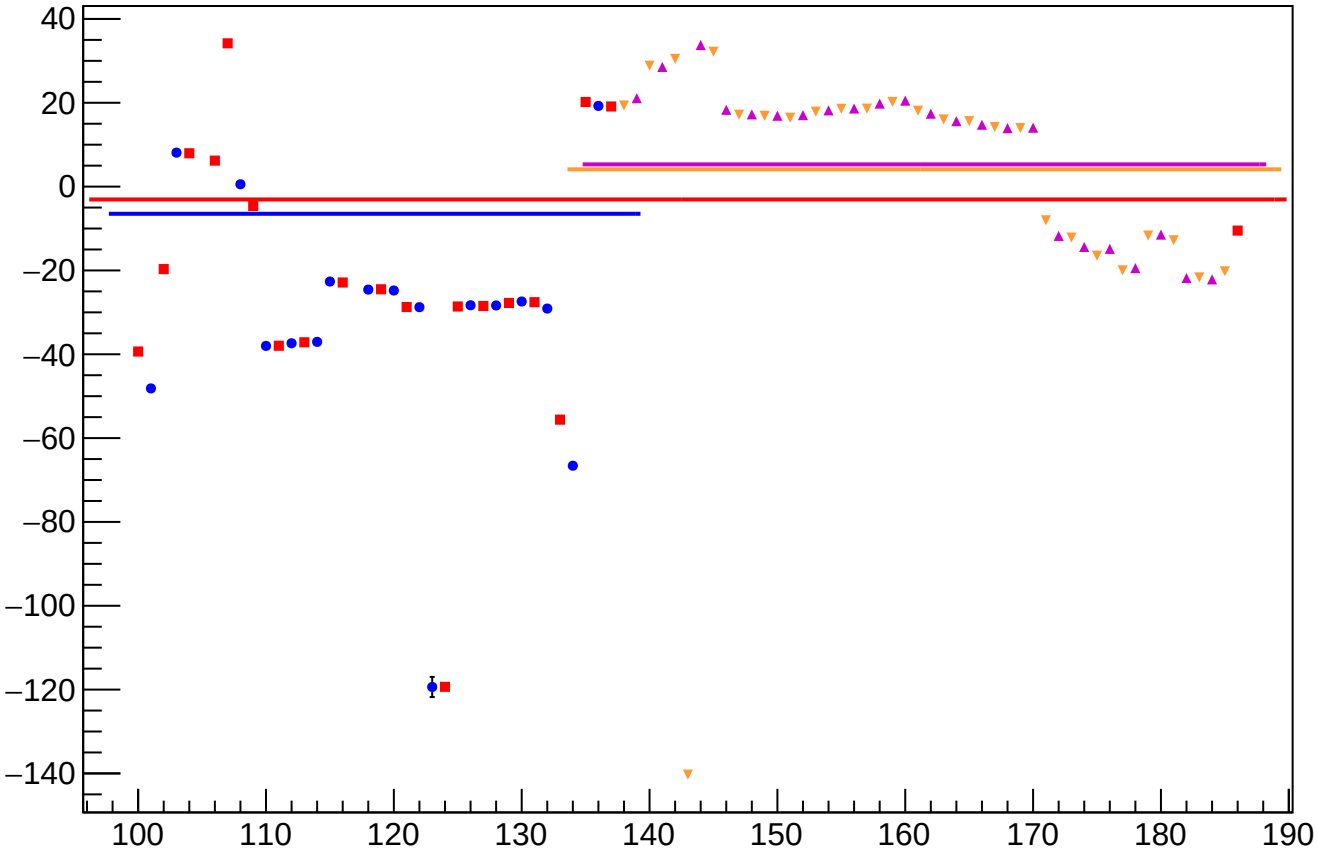
Right: 19.585+/-0.611 χ^2/NDF: 2191.9/36

In: 6.418+/-0.334 χ^2/NDF:3644.2/39

Out: 5.690+/-0.328 χ^2/NDF:3826.2/44

All: 6.047+/-0.234 χ^2/NDF: 7472.8/84

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 4.121+/-0.016 χ^2/NDF:1340176.5/24

Right Out: -3.061+/-0.045 χ^2/NDF: 267440.4/19

Left In: 5.305+/-0.016 χ^2/NDF:1089610.2/22

Left: 4.714+/-0.012 χ^2/NDF: 2432407.5/47

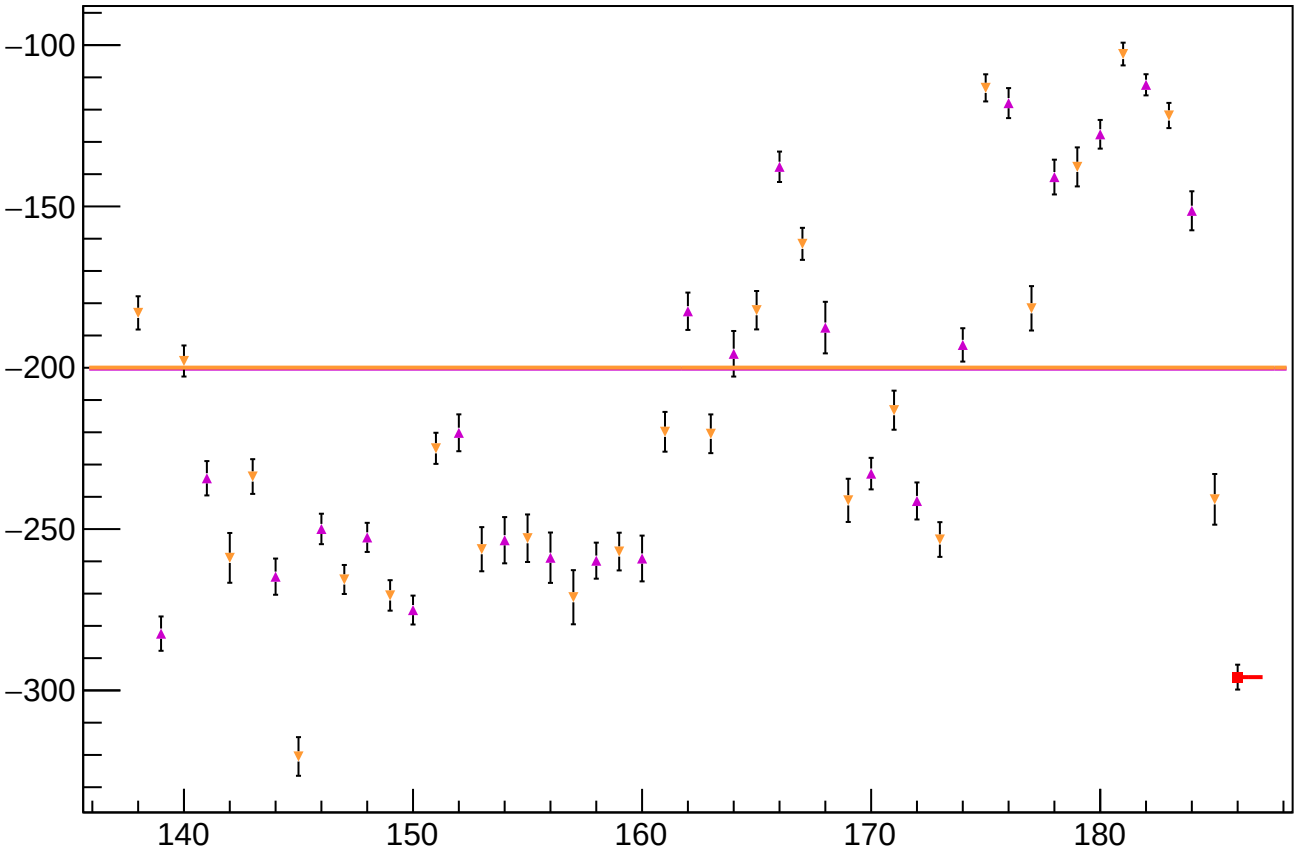
Right: -4.719+/-0.032 χ^2/NDF: 536074.6/36

In: 3.991+/-0.015 χ^2/NDF:1413343.1/39

Out: 3.274+/-0.015 χ^2/NDF:1630329.4/44

All: 3.631+/-0.011 χ^2/NDF: 3044758.2/84

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -199.957+/-1.082 χ^2/NDF:3220.5/24

Right Out: -295.882+/-3.855 χ^2/NDF: 0.0/0

Left In: -200.276+/-1.093 χ^2/NDF:3013.8/22

Left: -200.115+/-0.769 χ^2/NDF: 6234.3/47

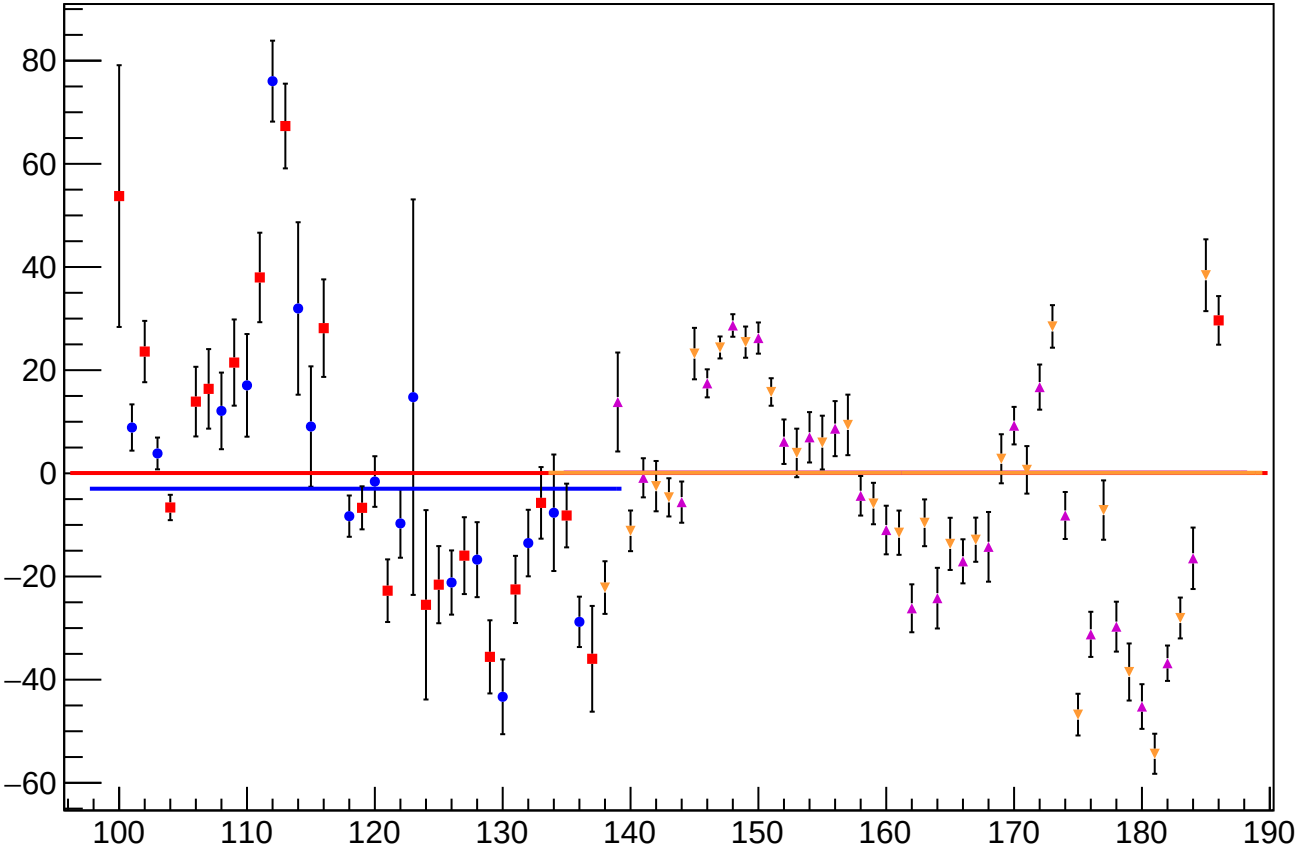
Right: -295.882+/-3.855 χ^2/NDF: 0.0/0

In: -200.276+/-1.093 χ^2/NDF:3013.8/22

Out: -206.955+/-1.041 χ^2/NDF:3794.4/25

All: -203.778+/-0.754 χ^2/NDF: 6827.8/48

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.981+/-1.450 χ^2/NDF: 203.9/16

Left Out: 0.116+/-0.810 χ^2/NDF:830.1/24

Right Out: 0.058+/-1.341 χ^2/NDF: 261.0/19

Left In: 0.153+/-0.836 χ^2/NDF:719.6/22

Left: 0.134+/-0.582 χ^2/NDF: 1549.7/47

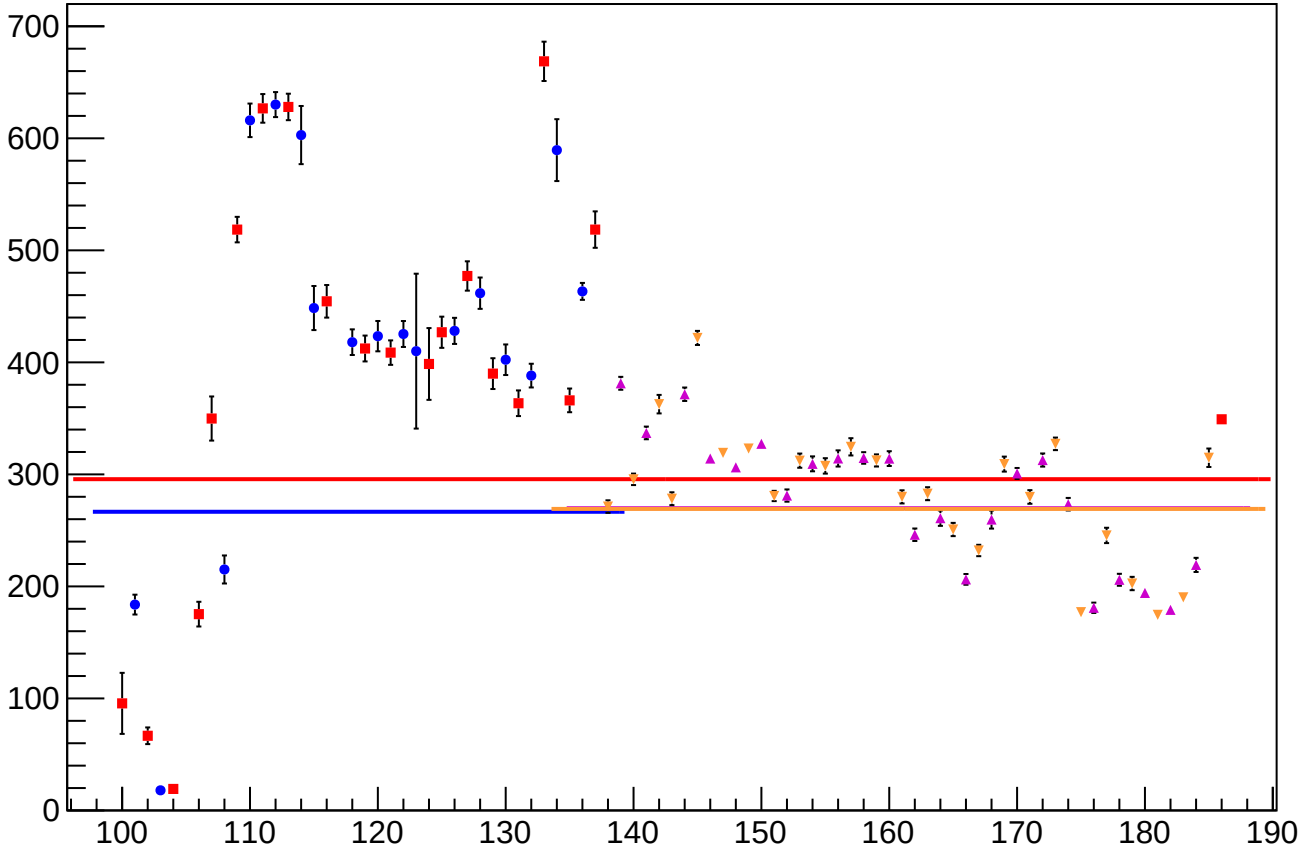
Right: -1.342+/-0.985 χ^2/NDF: 467.3/36

In: -0.629+/-0.724 χ^2/NDF:927.0/39

Out: 0.100+/-0.694 χ^2/NDF:1091.1/44

All: -0.248+/-0.501 χ^2/NDF: 2018.7/84

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 269.181+/-1.081 χ^2/NDF:3148.5/24

Right Out: 295.720+/-1.920 χ^2/NDF: 8704.0/19

Left In: 269.798+/-1.087 χ^2/NDF:3234.9/22

Left: 269.488+/-0.766 χ^2/NDF: 6383.6/47

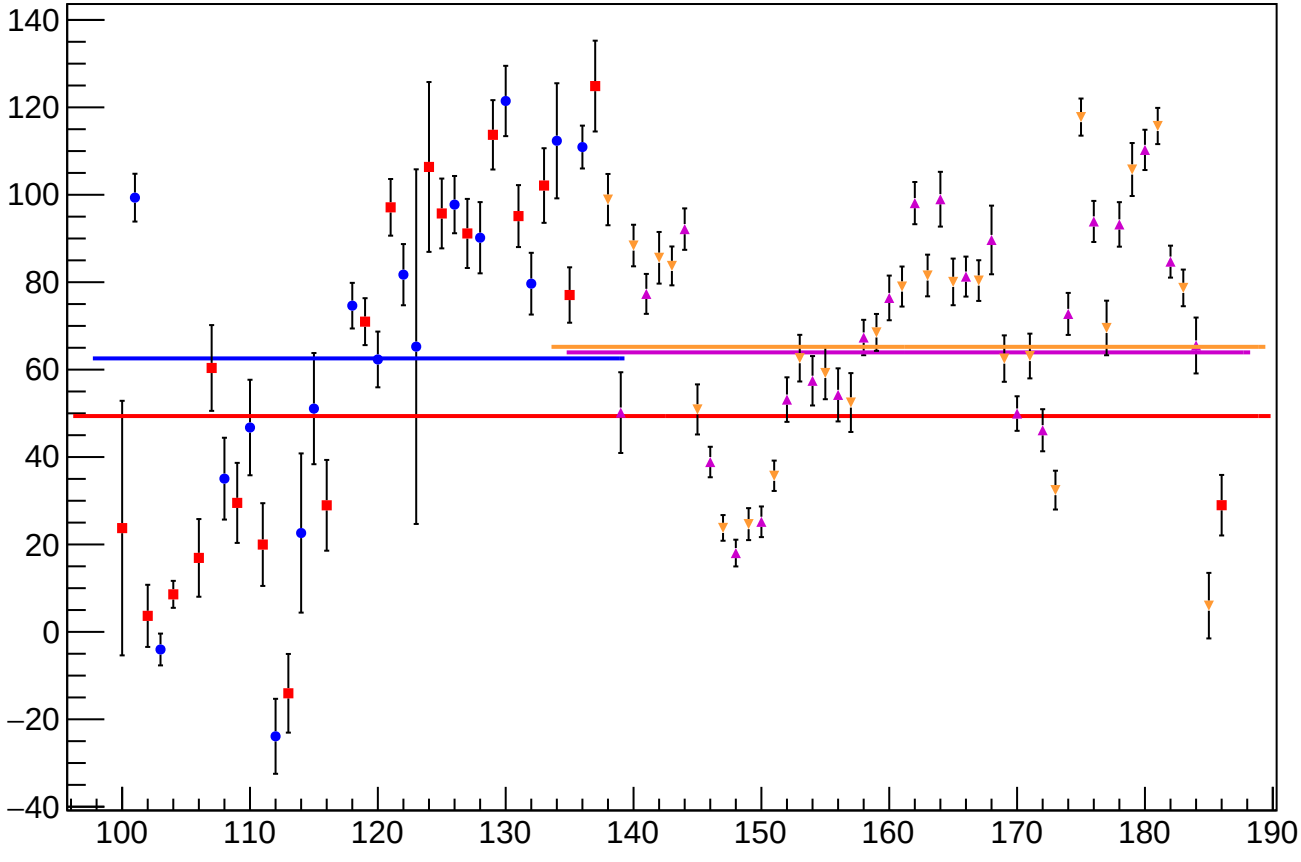
Right: 284.802+/-1.517 χ^2/NDF: 16452.8/36

In: 269.285+/-0.995 χ^2/NDF:10899.0/39

Out: 275.569+/-0.942 χ^2/NDF:11997.6/44

All: 272.601+/-0.684 χ^2/NDF: 22917.6/84

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 65.214+/-0.938 χ^2/NDF:1005.7/24

Right Out: 49.377+/-1.599 χ^2/NDF: 666.2/19

Left In: 63.944+/-0.961 χ^2/NDF:803.4/22

Left: 64.594+/-0.671 χ^2/NDF: 1809.9/47

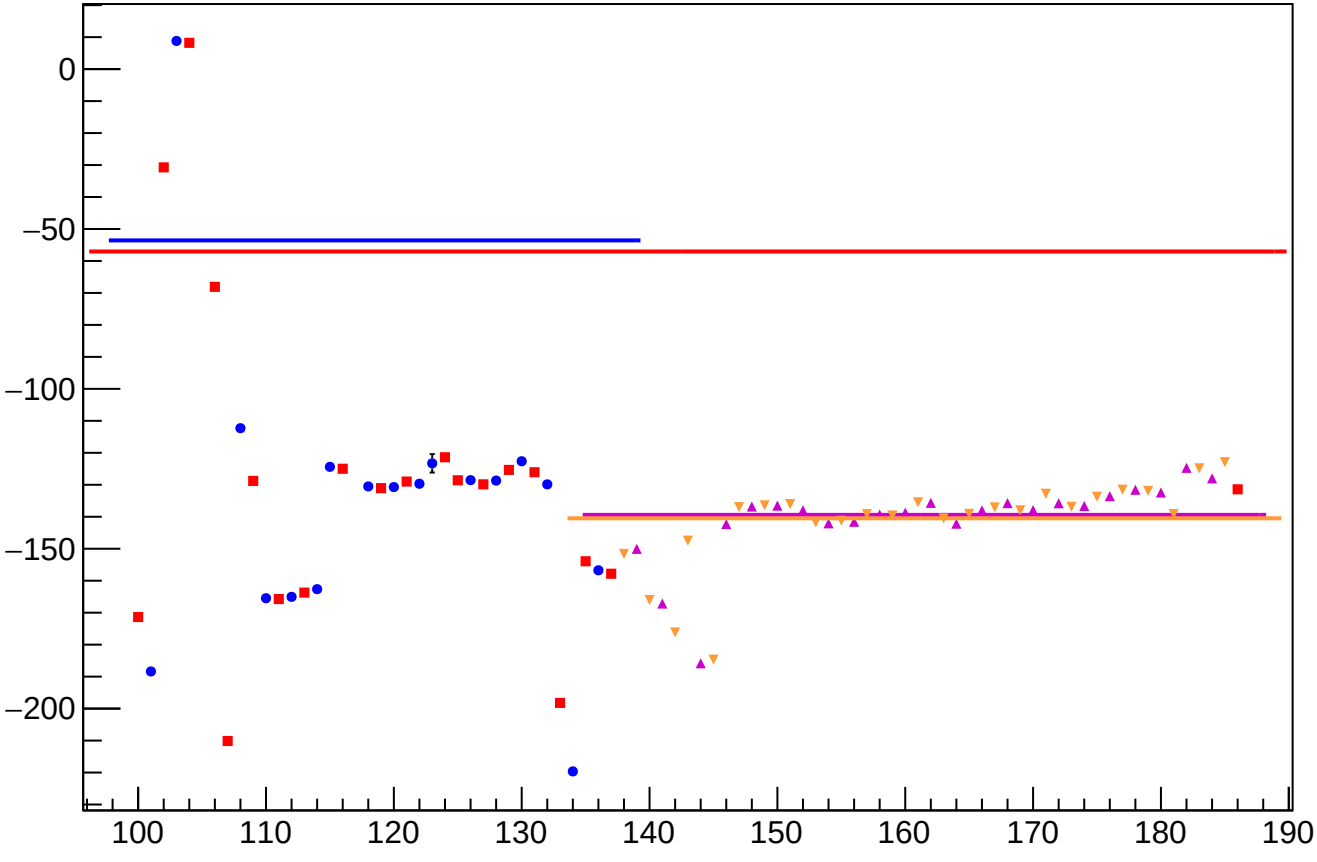
Right: 55.653+/-1.158 χ^2/NDF: 1420.9/36

In: 63.604+/-0.834 χ^2/NDF:1526.3/39

Out: 61.158+/-0.809 χ^2/NDF:1744.8/44

All: 62.345+/-0.581 χ^2/NDF: 3275.5/84

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -140.489+/-0.045 χ^2/NDF:77350.7/24

Right Out: -57.036+/-0.071 χ^2/NDF: 992154.3/19

Left In: -139.406+/-0.045 χ^2/NDF:62878.4/22

Left: -139.949+/-0.032 χ^2/NDF: 140521.6/47

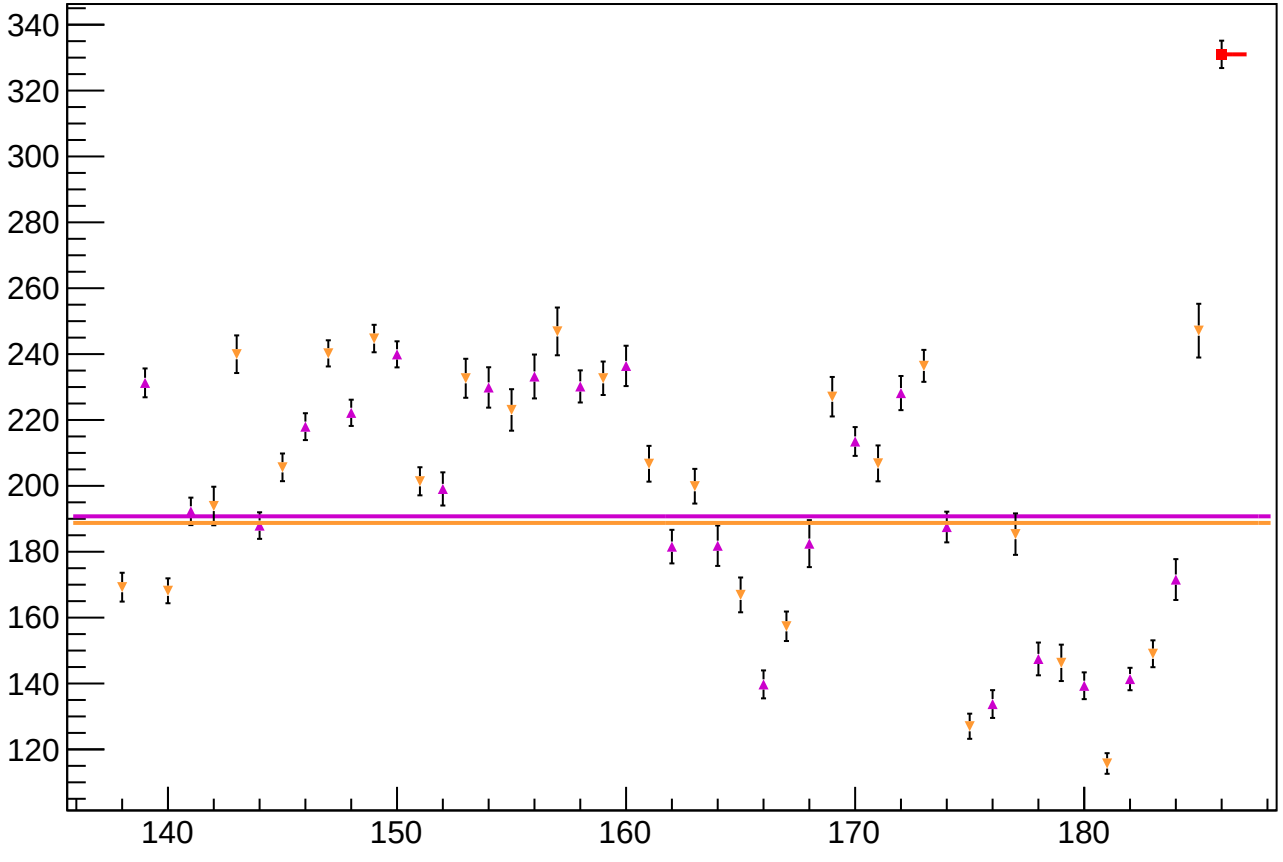
Right: -55.279+/-0.050 χ^2/NDF: 2223590.5/36

In: -114.572+/-0.038 χ^2/NDF:2353492.3/39

Out: -116.891+/-0.038 χ^2/NDF:2055479.8/44

All: -115.730+/-0.027 χ^2/NDF: 4410851.6/84

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 188.749+/-0.958 χ^2/NDF:1968.6/24

Right Out: 330.994+/-4.156 χ^2/NDF: 0.0/0

Left In: 190.753+/-0.971 χ^2/NDF:1421.8/22

Left: 189.737+/-0.682 χ^2/NDF: 3392.5/47

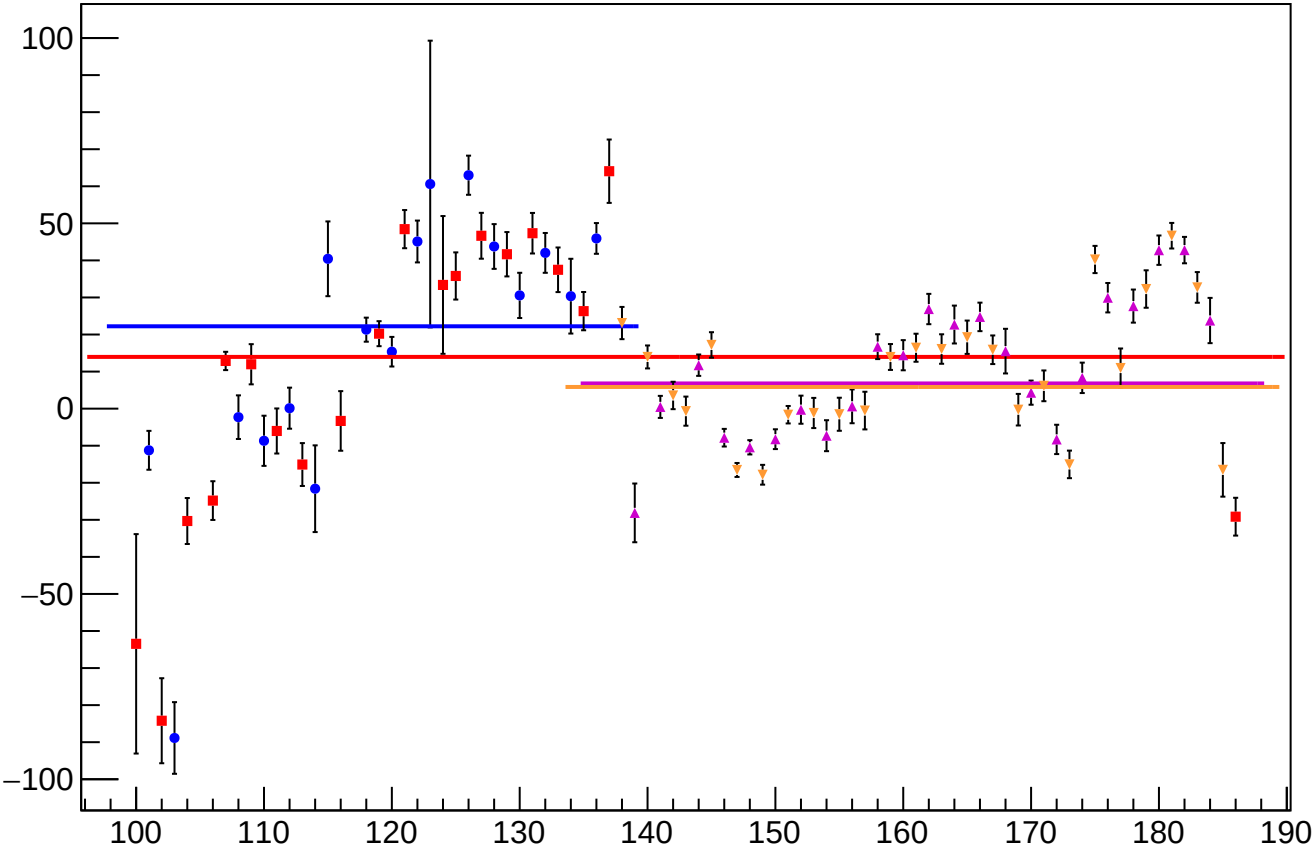
Right: 330.994+/-4.156 χ^2/NDF: 0.0/0

In: 190.753+/-0.971 χ^2/NDF:1421.8/22

Out: 195.927+/-0.934 χ^2/NDF:3080.9/25

All: 193.441+/-0.673 χ^2/NDF: 4517.4/48

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.221+/-1.374 χ^2/NDF: 385.6/16

Left Out: 5.851+/-0.714 χ^2/NDF:650.6/24

Right Out: 13.962+/-1.195 χ^2/NDF: 501.5/19

Left In: 6.797+/-0.735 χ^2/NDF:525.8/22

Left: 6.311+/-0.512 χ^2/NDF: 1177.3/47

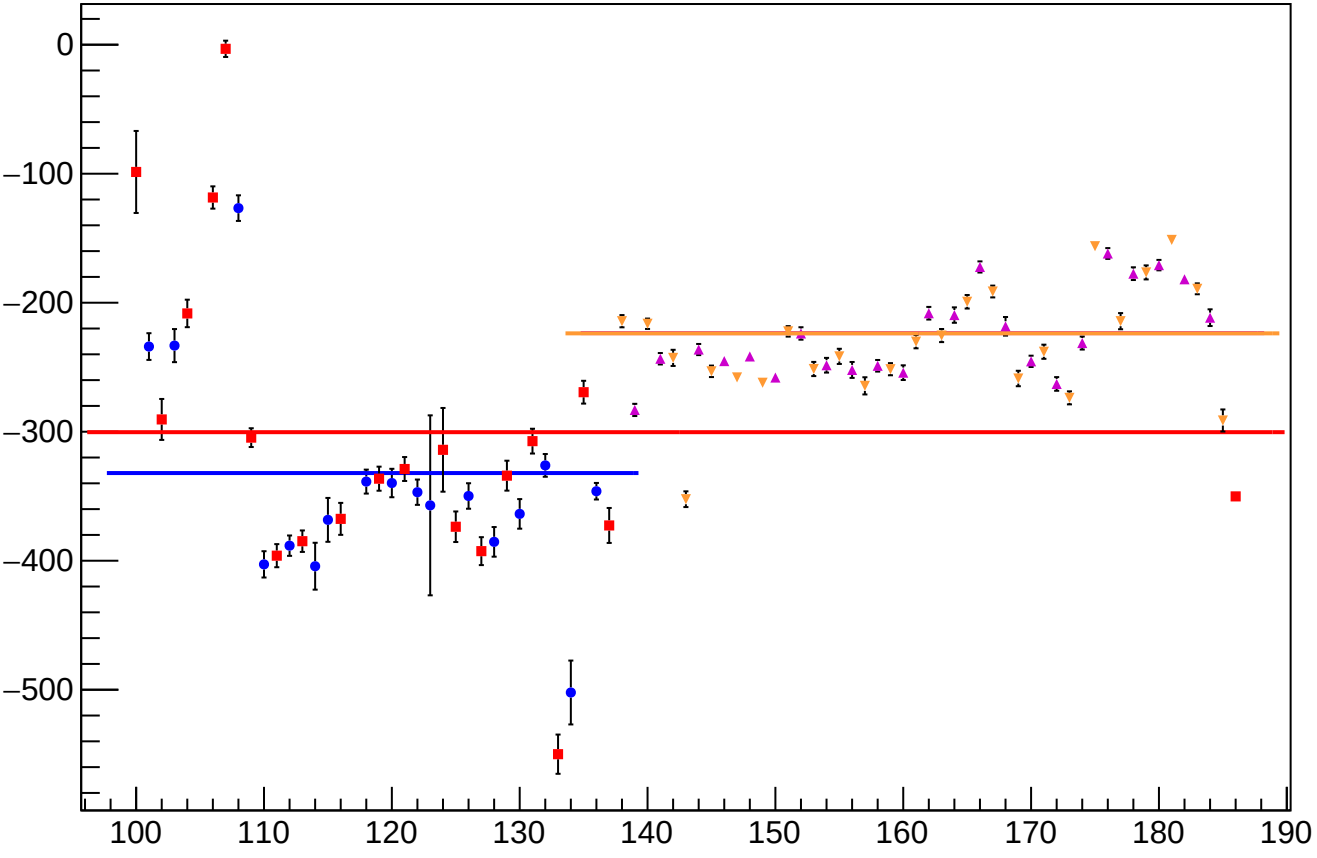
Right: 17.520+/-0.902 χ^2/NDF: 907.6/36

In: 10.228+/-0.648 χ^2/NDF:1009.5/39

Out: 7.986+/-0.613 χ^2/NDF:1186.0/44

All: 9.045+/-0.445 χ^2/NDF: 2201.8/84

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -223.752+/-0.958 χ^2/NDF:2021.5/24

Right Out: -300.353+/-1.903 χ^2/NDF: 3699.7/19

Left In: -223.554+/-0.966 χ^2/NDF:1286.5/22

Left: -223.654+/-0.680 χ^2/NDF: 3308.0/47

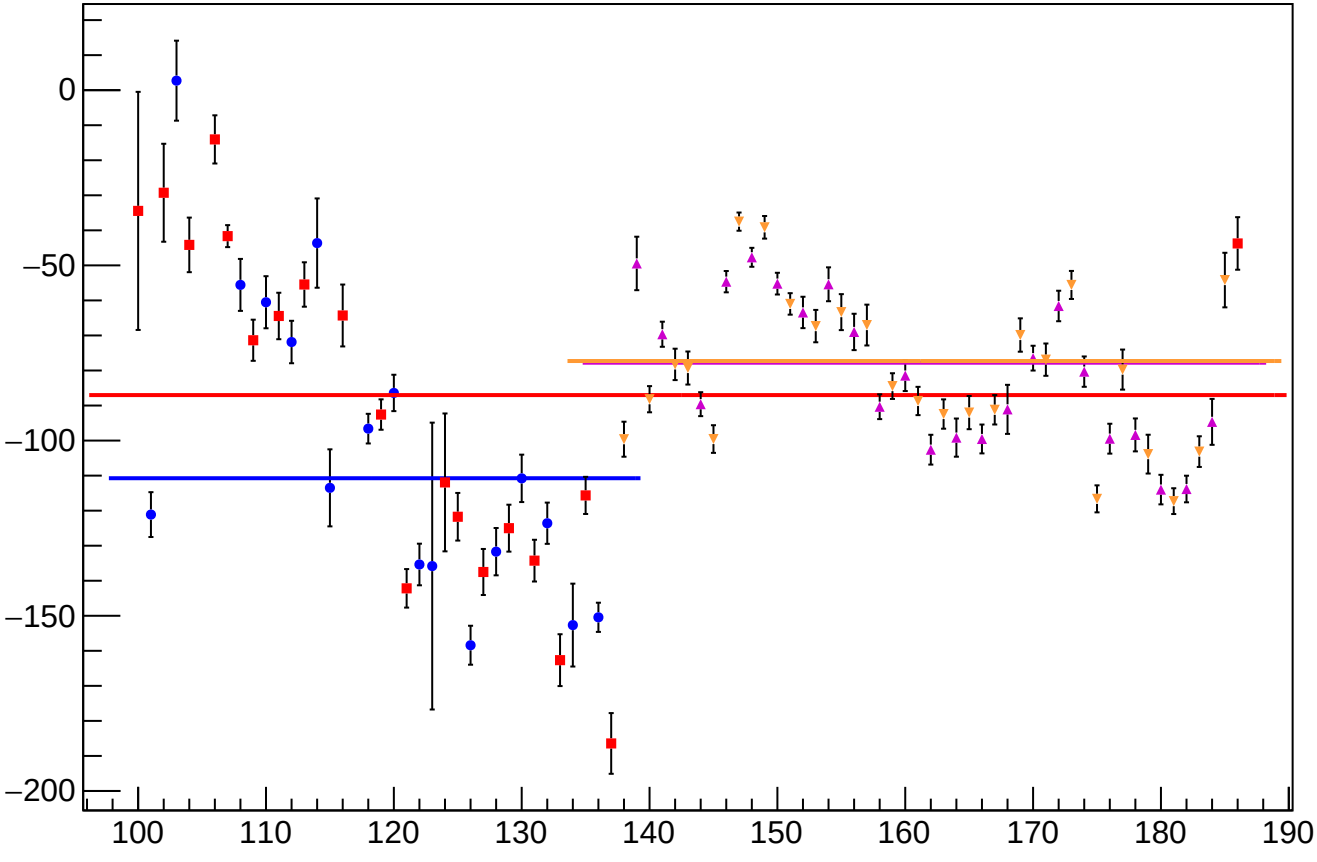
Right: -311.617+/-1.528 χ^2/NDF: 4583.2/36

In: -237.047+/-0.904 χ^2/NDF:3641.4/39

Out: -239.241+/-0.856 χ^2/NDF:7014.1/44

All: -238.204+/-0.621 χ^2/NDF: 10658.6/84

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -77.296+/-0.829 χ^2/NDF:844.6/24

Right Out: -87.016+/-1.409 χ^2/NDF: 1004.2/19

Left In: -77.777+/-0.847 χ^2/NDF:624.5/22

Left: -77.531+/-0.592 χ^2/NDF: 1469.2/47

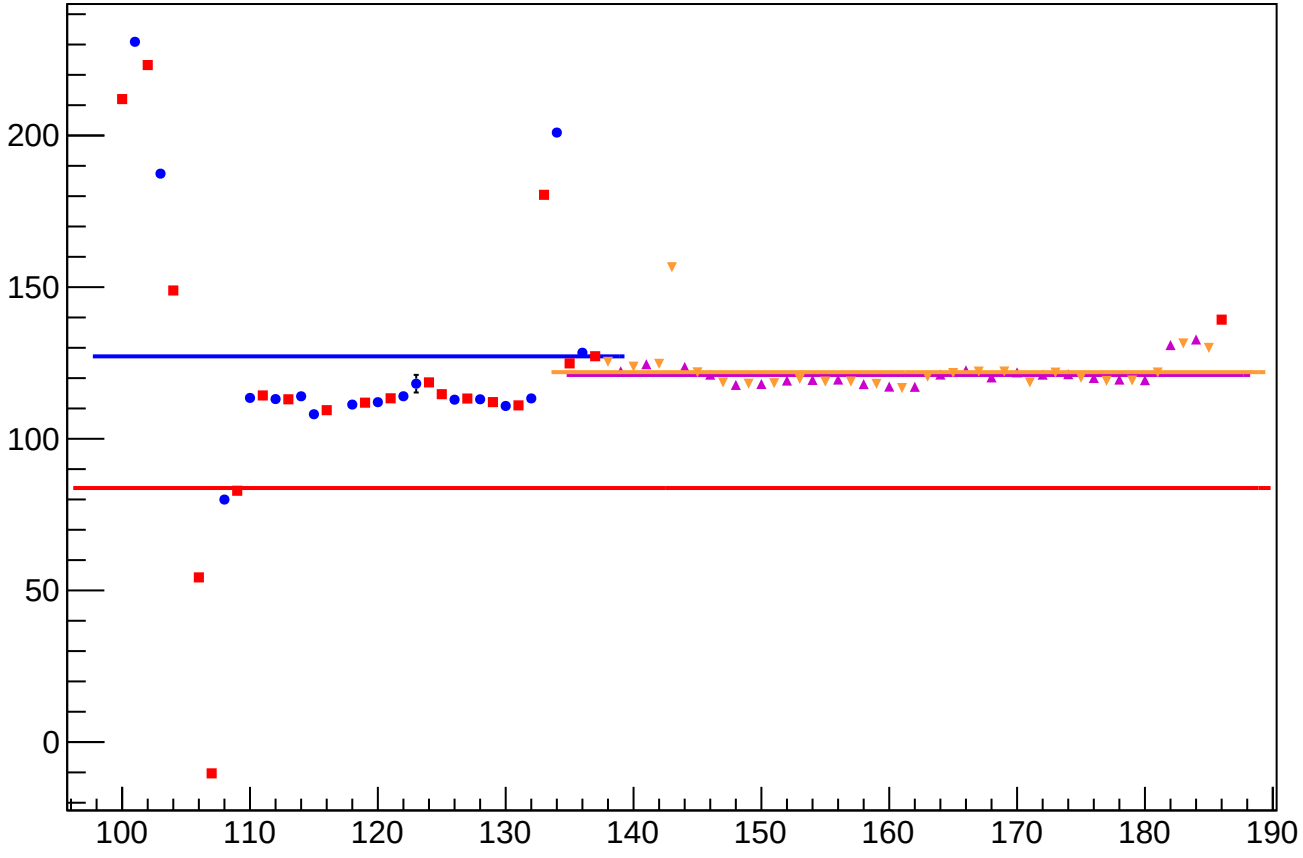
Right: -97.545+/-1.051 χ^2/NDF: 1643.5/36

In: -85.150+/-0.746 χ^2/NDF:1476.9/39

Out: -79.794+/-0.714 χ^2/NDF:1884.2/44

All: -82.356+/-0.516 χ^2/NDF: 3388.0/84

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 121.972+/-0.039 χ^2/NDF:27431.1/24

Right Out: 83.766+/-0.075 χ^2/NDF: 776525.6/19

Left In: 121.045+/-0.040 χ^2/NDF:7903.5/22

Left: 121.510+/-0.028 χ^2/NDF: 35609.5/47

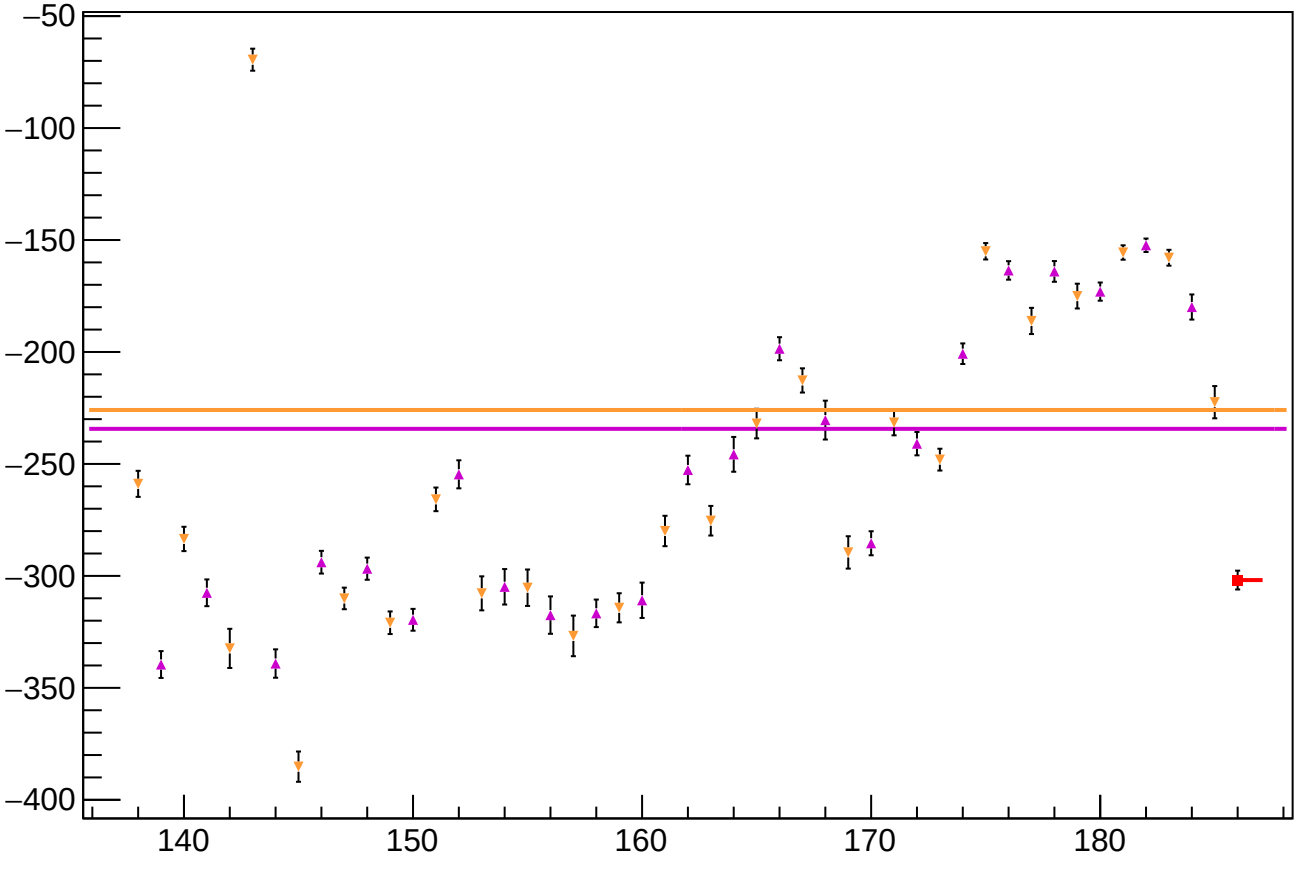
Right: 101.670+/-0.057 χ^2/NDF: 1104324.4/36

In: 122.057+/-0.036 χ^2/NDF:199918.7/39

Out: 113.604+/-0.035 χ^2/NDF:1008926.6/44

All: 117.682+/-0.025 χ^2/NDF: 1237139.3/84

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -225.905+/-1.083 χ^2/NDF:4669.2/24

Right Out: -301.864+/-4.204 χ^2/NDF: 0.0/0

Left In: -234.328+/-1.104 χ^2/NDF:3591.9/22

Left: -230.037+/-0.773 χ^2/NDF: 8290.7/47

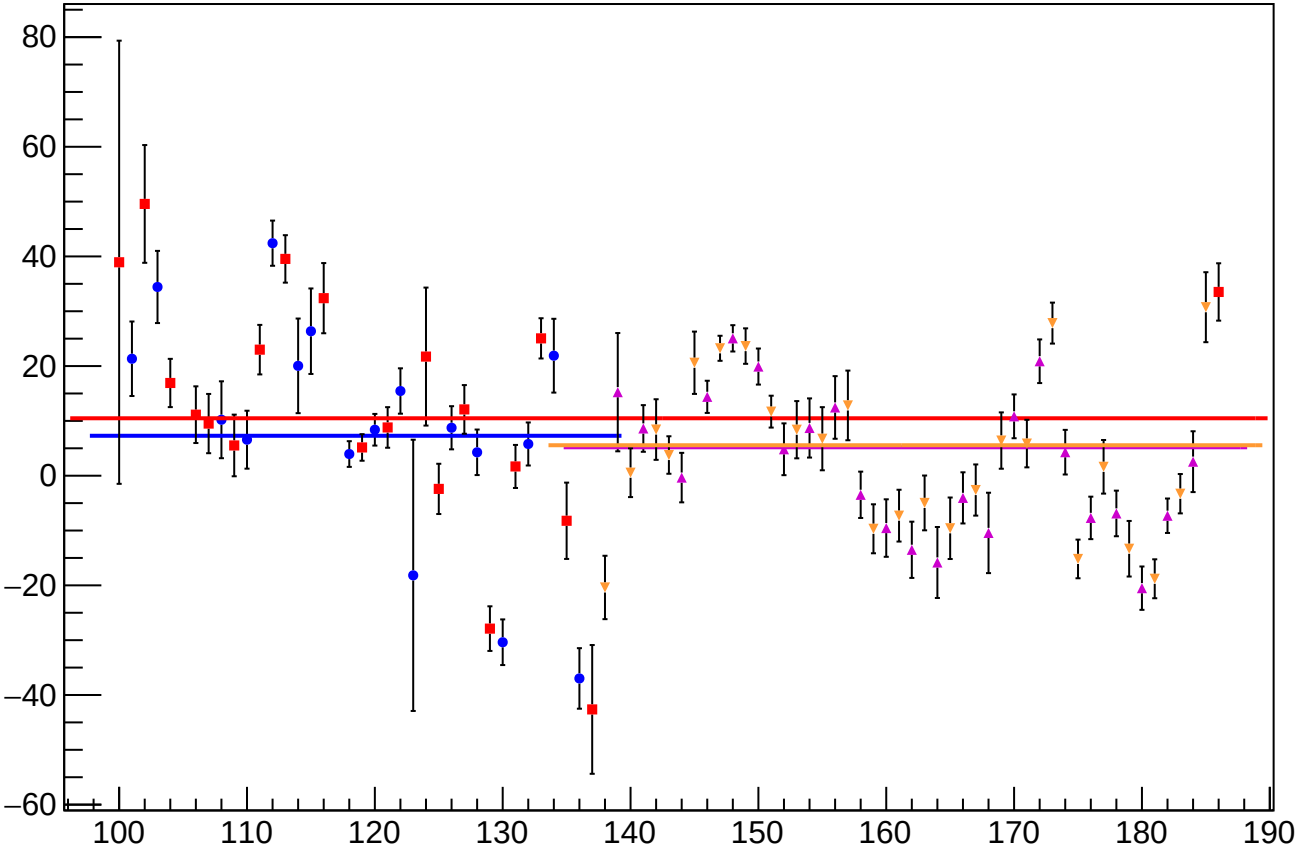
Right: -301.864+/-4.204 χ^2/NDF: 0.0/0

In: -234.328+/-1.104 χ^2/NDF:3591.9/22

Out: -230.636+/-1.049 χ^2/NDF:4975.3/25

All: -232.388+/-0.761 χ^2/NDF: 8573.1/48

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.284+/-1.084 χ^2/NDF: 261.0/16

Left Out: 5.558+/-0.832 χ^2/NDF:313.4/24

Right Out: 10.476+/-1.053 χ^2/NDF: 251.7/19

Left In: 5.186+/-0.867 χ^2/NDF:243.2/22

Left: 5.380+/-0.600 χ^2/NDF: 556.7/47

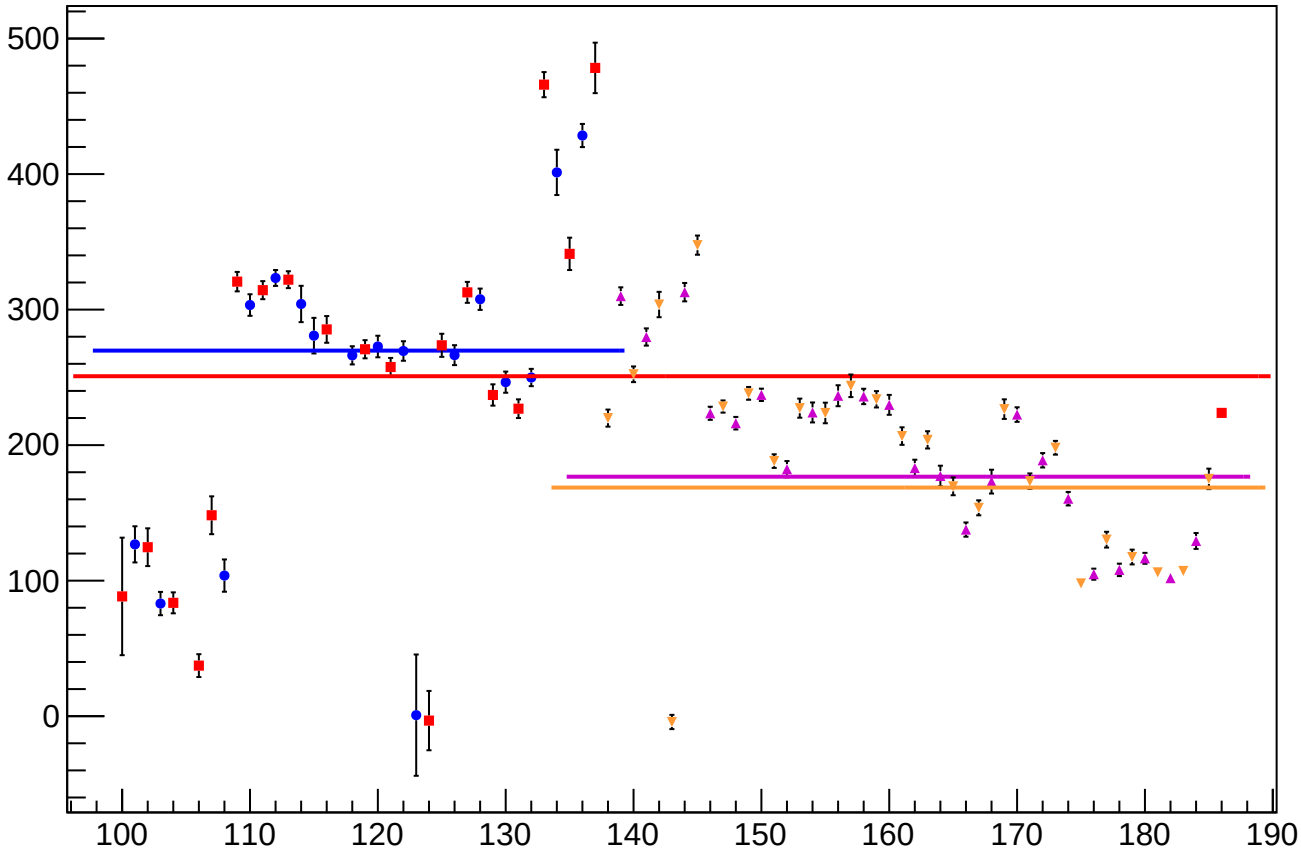
Right: 8.927+/-0.755 χ^2/NDF: 517.2/36

In: 6.005+/-0.677 χ^2/NDF:506.5/39

Out: 7.450+/-0.653 χ^2/NDF:578.6/44

All: 6.753+/-0.470 χ^2/NDF: 1087.5/84

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 168.699+/-1.086 χ^2/NDF:4238.2/24

Right Out: 250.845+/-1.705 χ^2/NDF: 2628.7/19

Left In: 176.711+/-1.102 χ^2/NDF:3234.3/22

Left: 172.648+/-0.774 χ^2/NDF: 7499.3/47

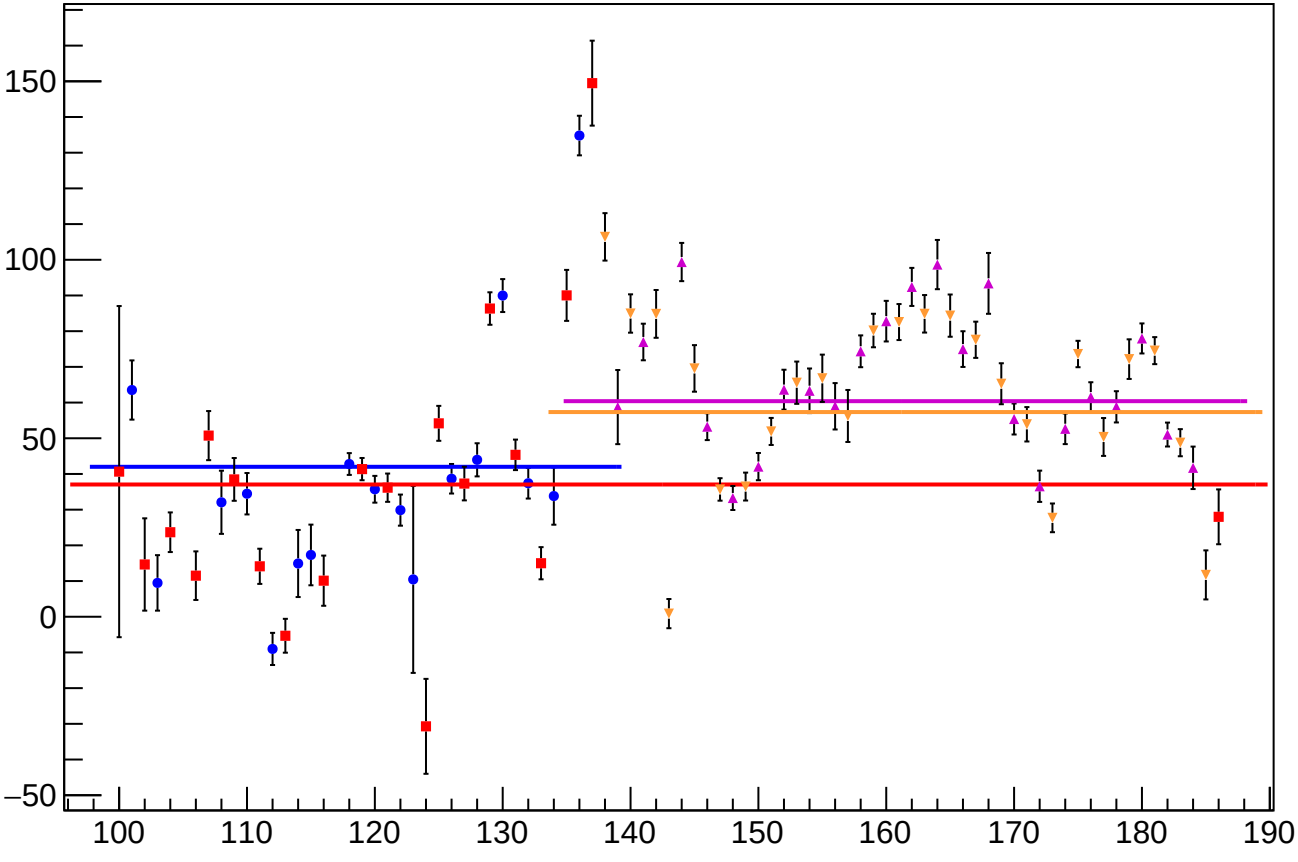
Right: 258.478+/-1.316 χ^2/NDF: 4052.4/36

In: 197.231+/-0.973 χ^2/NDF:6180.8/39

Out: 192.427+/-0.916 χ^2/NDF:8518.2/44

All: 194.685+/-0.667 χ^2/NDF: 14712.0/84

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 57.343+/-0.956 χ^2/NDF:641.5/24

Right Out: 37.049+/-1.221 χ^2/NDF: 474.0/19

Left In: 60.392+/-0.987 χ^2/NDF:341.2/22

Left: 58.819+/-0.687 χ^2/NDF: 987.6/47

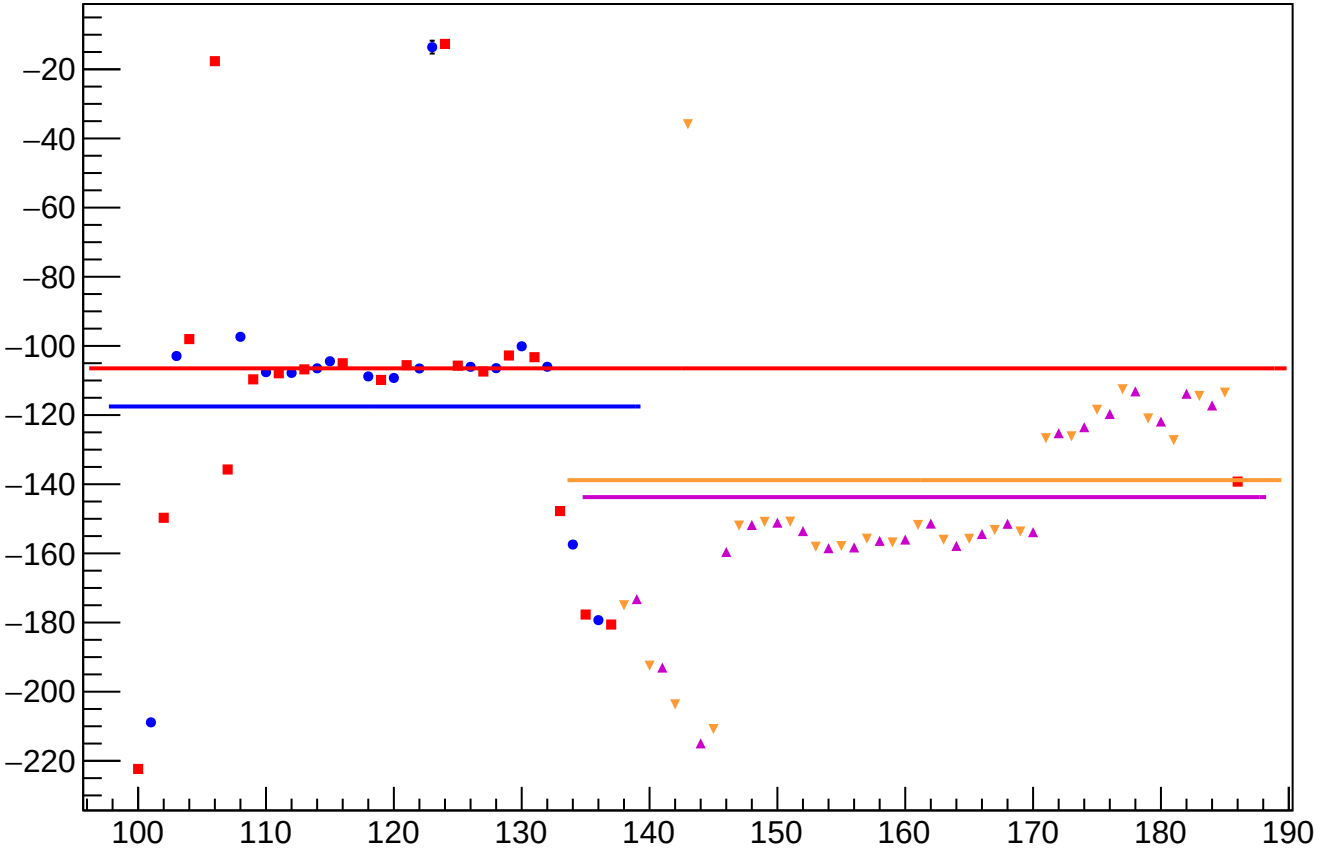
Right: 39.460+/-0.875 χ^2/NDF: 1057.6/36

In: 53.368+/-0.776 χ^2/NDF:1049.3/39

Out: 49.632+/-0.753 χ^2/NDF:1286.7/44

All: 51.443+/-0.540 χ^2/NDF: 2347.9/84

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -138.821+/-0.045 χ^2/NDF:525537.6/24

Right Out: -106.489+/-0.072 χ^2/NDF: 328057.3/19

Left In: -143.726+/-0.046 χ^2/NDF:260994.5/22

Left: -141.241+/-0.032 χ^2/NDF: 792316.4/47

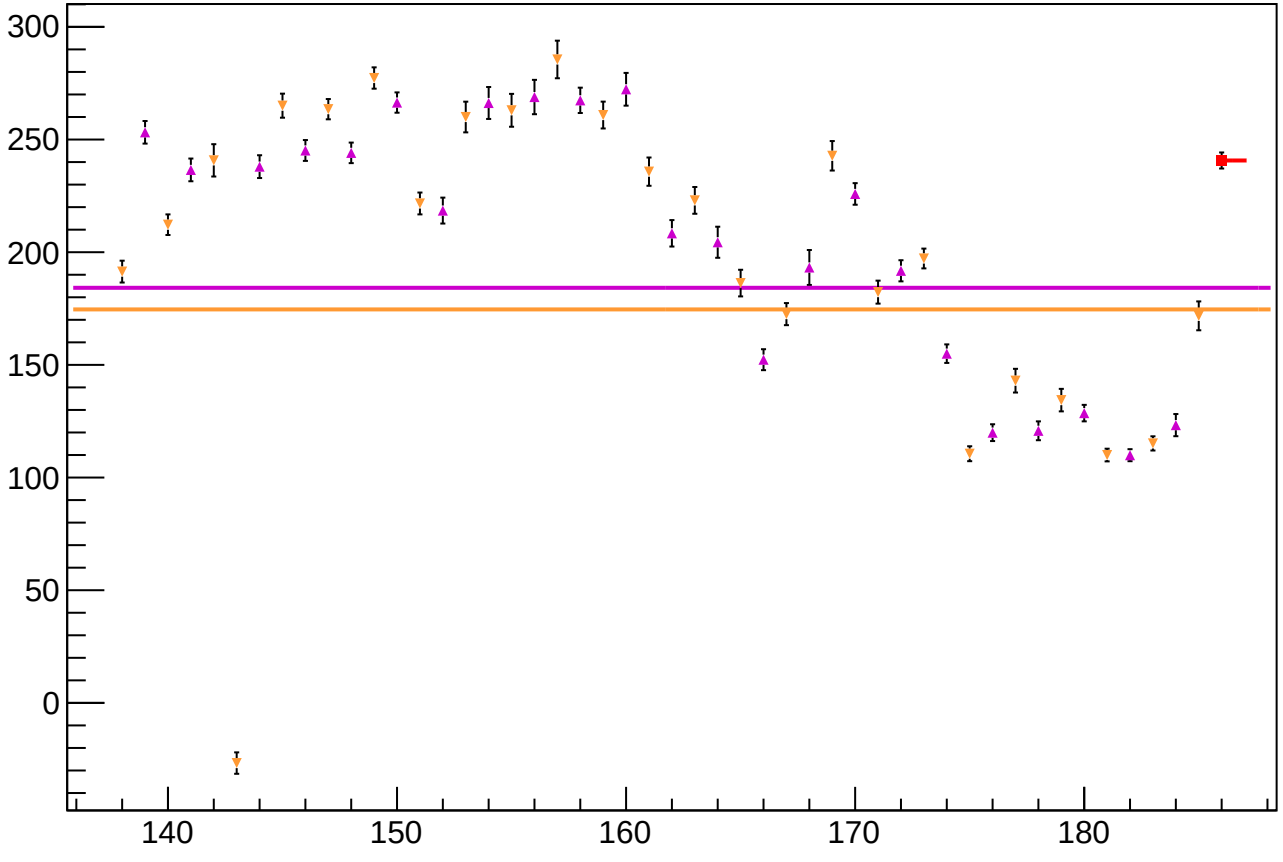
Right: -111.573+/-0.053 χ^2/NDF: 480844.7/36

In: -136.983+/-0.040 χ^2/NDF:486871.5/39

Out: -129.678+/-0.038 χ^2/NDF:997639.2/44

All: -133.218+/-0.028 χ^2/NDF: 1502082.3/84

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 174.613+/-0.969 χ^2/NDF:5551.3/24

Right Out: 240.702+/-3.560 χ^2/NDF: 0.0/0

Left In: 184.205+/-0.987 χ^2/NDF:3637.1/22

Left: 179.321+/-0.691 χ^2/NDF: 9236.5/47

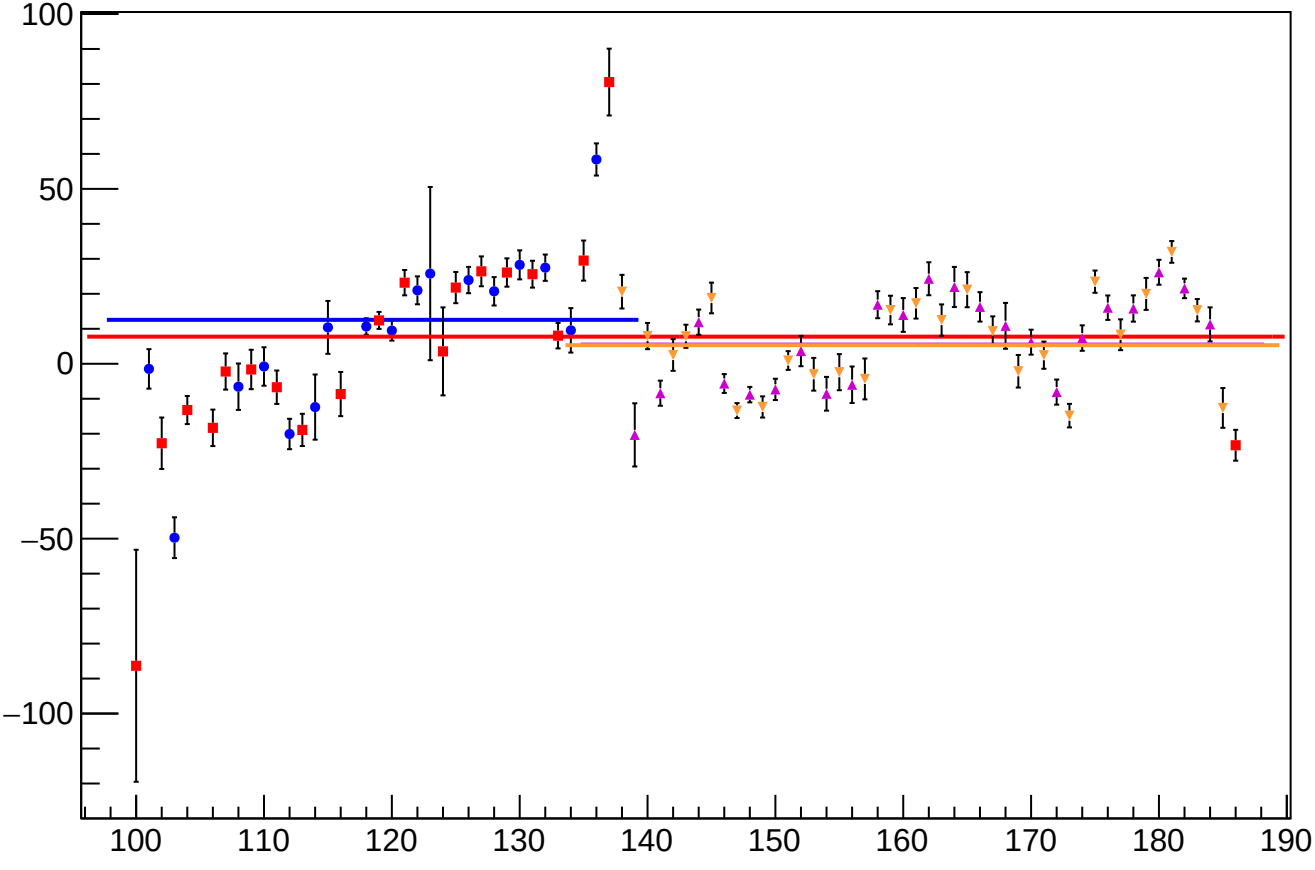
Right: 240.702+/-3.560 χ^2/NDF: 0.0/0

In: 184.205+/-0.987 χ^2/NDF:3637.1/22

Out: 179.172+/-0.935 χ^2/NDF:5872.2/25

All: 181.553+/-0.679 χ^2/NDF: 9523.0/48

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561+/-1.056 χ^2/NDF: 347.7/16

Left Out: 5.314+/-0.750 χ^2/NDF:345.1/24

Right Out: 7.754+/-1.022 χ^2/NDF: 348.7/19

Left In: 5.483+/-0.779 χ^2/NDF:259.1/22

Left: 5.396+/-0.540 χ^2/NDF: 604.2/47

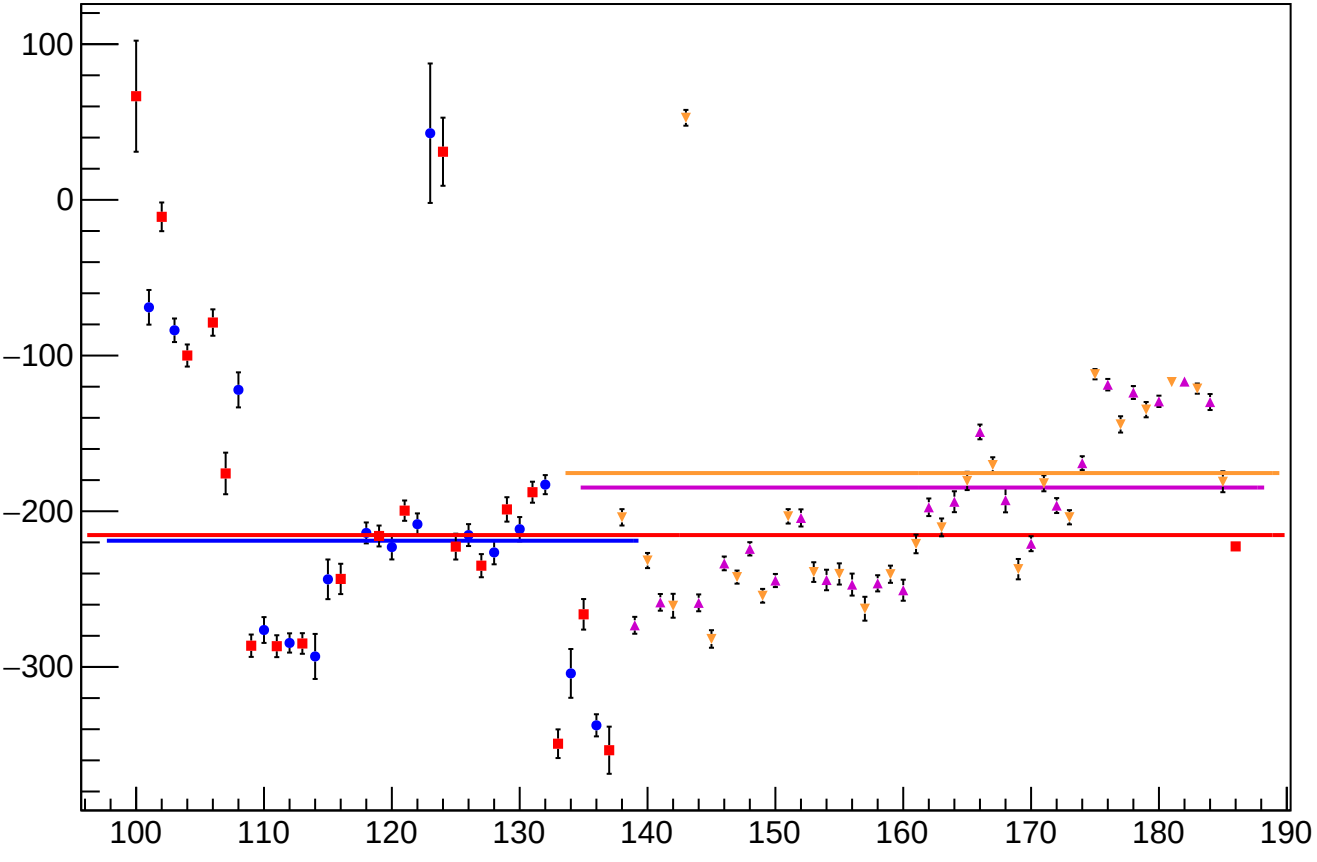
Right: 10.080+/-0.734 χ^2/NDF: 707.2/36

In: 7.979+/-0.627 χ^2/NDF:635.9/39

Out: 6.169+/-0.605 χ^2/NDF:697.5/44

All: 7.042+/-0.435 χ^2/NDF: 1337.8/84

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -175.470+/-0.974 χ^2/NDF:5103.8/24

Right Out: -215.304+/-1.593 χ^2/NDF: 1895.7/19

Left In: -184.774+/-0.987 χ^2/NDF:3082.4/22

Left: -180.060+/-0.693 χ^2/NDF: 8231.2/47

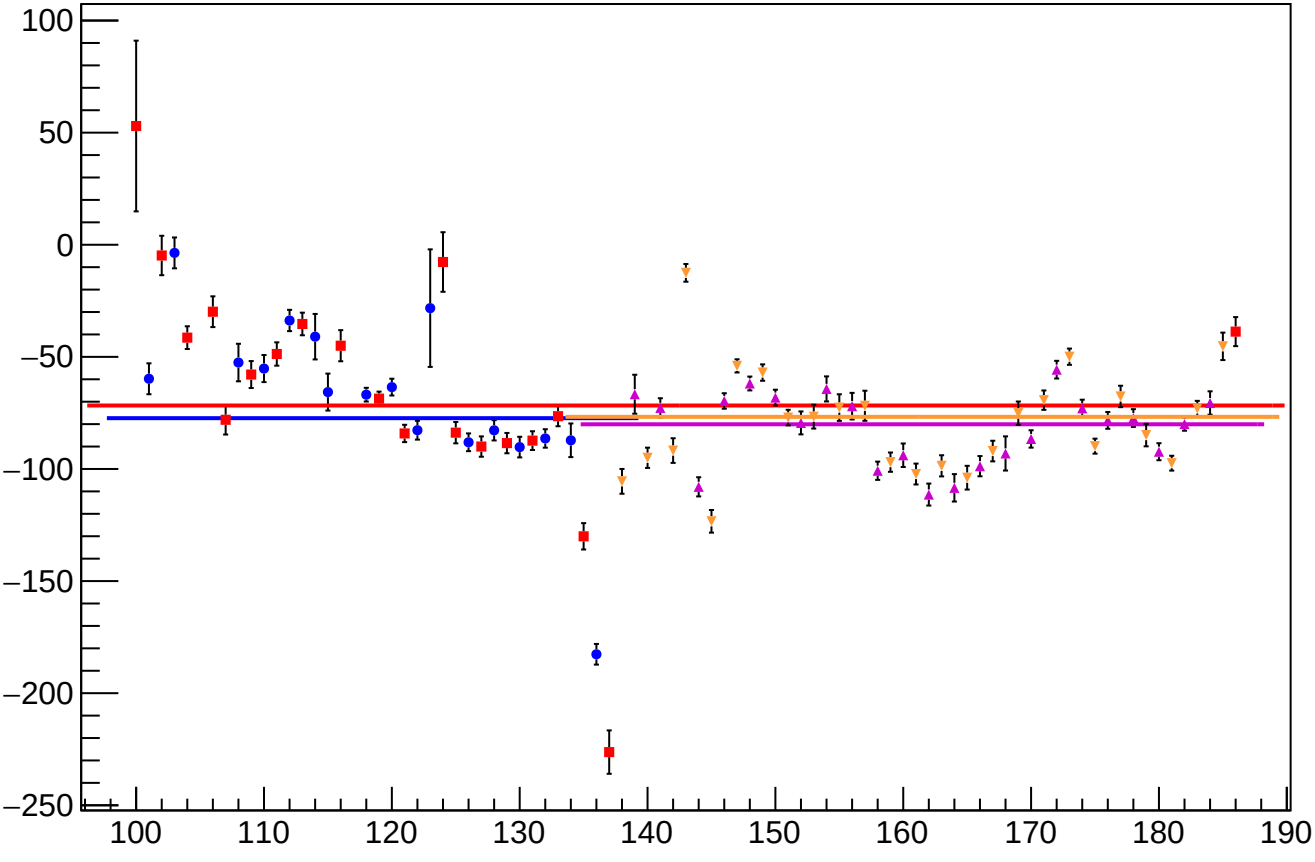
Right: -216.705+/-1.248 χ^2/NDF: 3044.4/36

In: -191.428+/-0.885 χ^2/NDF:4462.4/39

Out: -186.302+/-0.831 χ^2/NDF:7454.5/44

All: -188.702+/-0.606 χ^2/NDF: 11934.7/84

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -76.747+/-0.861 χ^2/NDF:746.8/24

Right Out: -71.688+/-1.188 χ^2/NDF: 699.7/19

Left In: -80.068+/-0.886 χ^2/NDF:286.8/22

Left: -78.359+/-0.617 χ^2/NDF: 1040.8/47

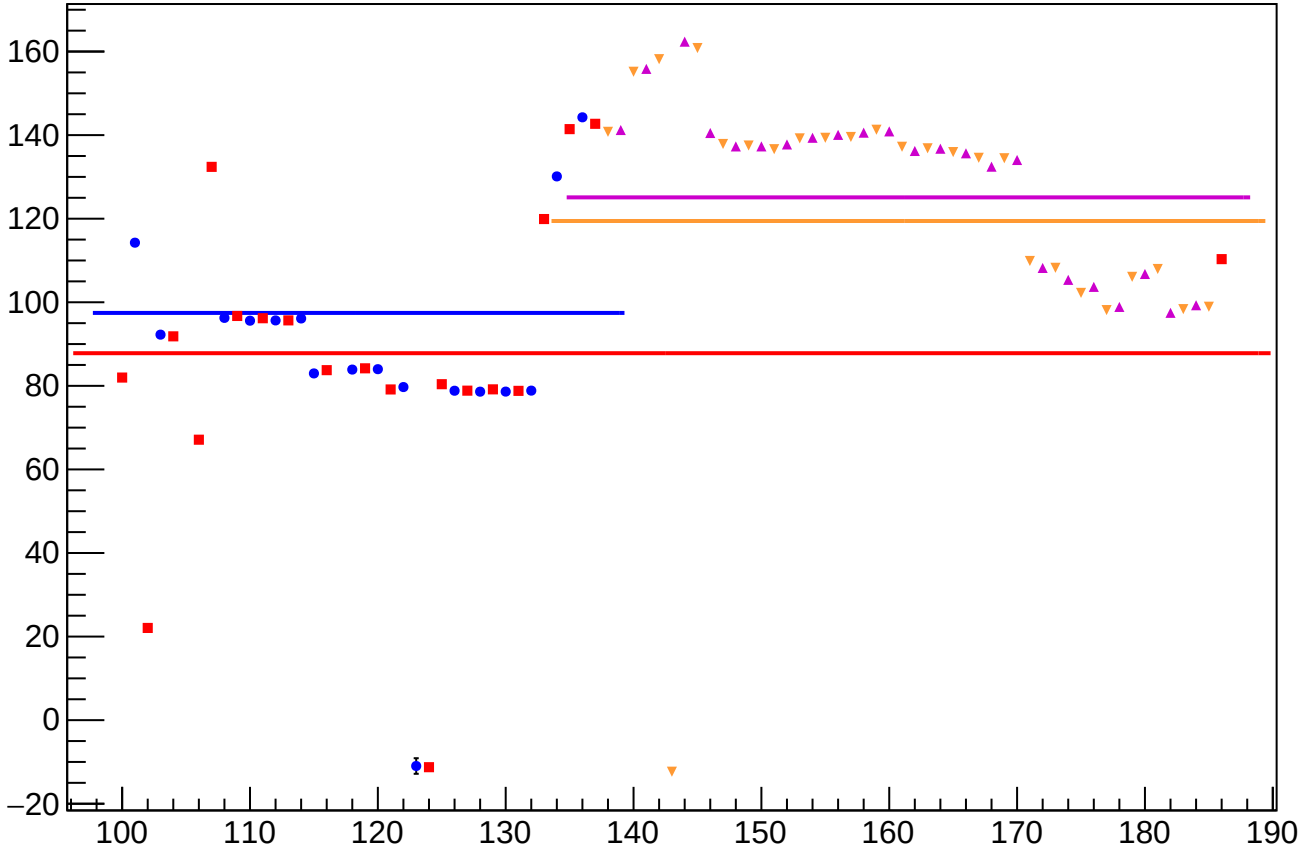
Right: -74.442+/-0.851 χ^2/NDF: 1527.9/36

In: -79.126+/-0.717 χ^2/NDF:1107.3/39

Out: -75.006+/-0.697 χ^2/NDF:1458.4/44

All: -77.008+/-0.500 χ^2/NDF: 2582.7/84

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 119.448+/-0.041 χ^2/NDF:660075.8/24

Right Out: 87.812+/-0.067 χ^2/NDF: 224291.6/19

Left In: 125.101+/-0.041 χ^2/NDF:222793.3/22

Left: 122.242+/-0.029 χ^2/NDF: 892441.6/47

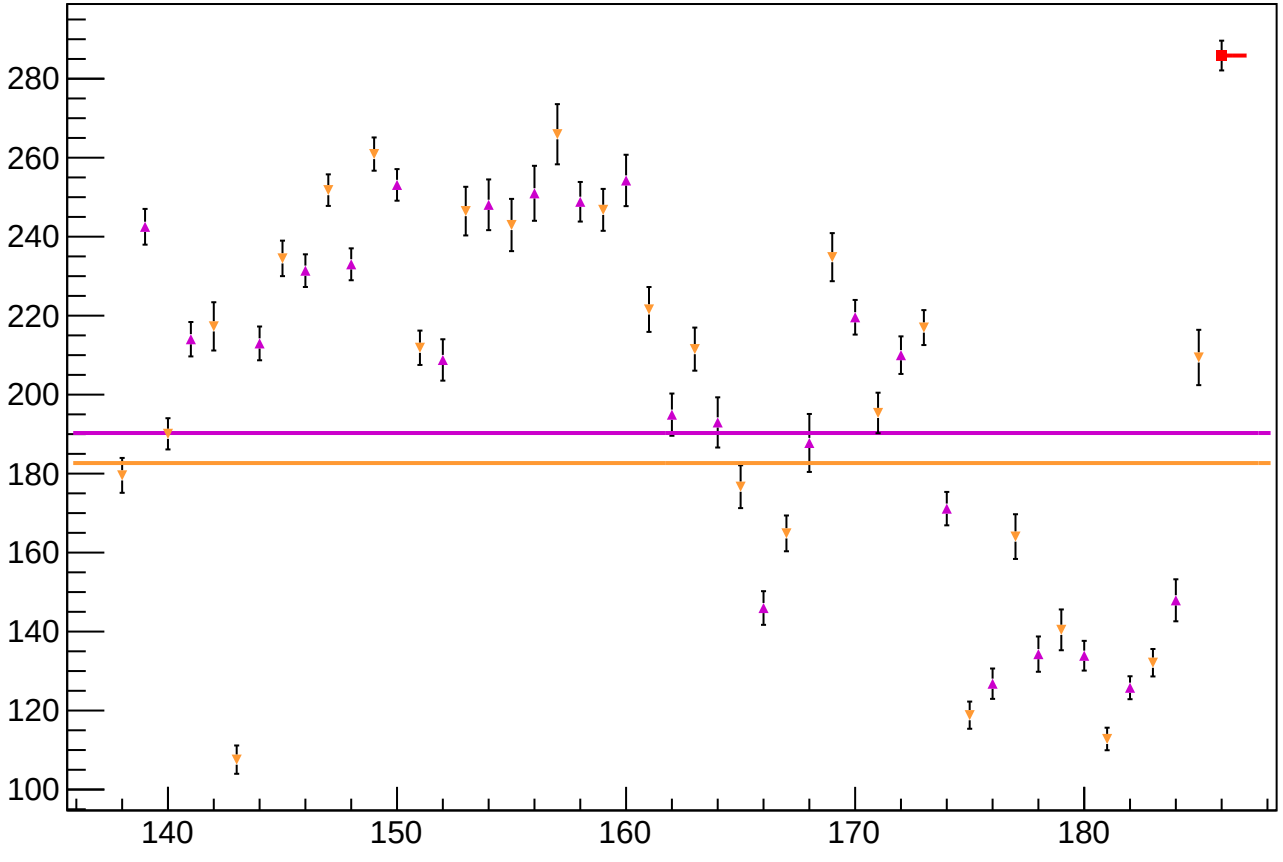
Right: 92.238+/-0.050 χ^2/NDF: 328131.7/36

In: 118.483+/-0.036 χ^2/NDF:425605.3/39

Out: 111.035+/-0.035 χ^2/NDF:1045617.2/44

All: 114.650+/-0.025 χ^2/NDF: 1493445.1/84

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 182.672+/-0.919 χ^2/NDF:3230.7/24

Right Out: 285.865+/-3.768 χ^2/NDF: 0.0/0

Left In: 190.279+/-0.949 χ^2/NDF:2452.9/22

Left: 186.352+/-0.660 χ^2/NDF: 5716.7/47

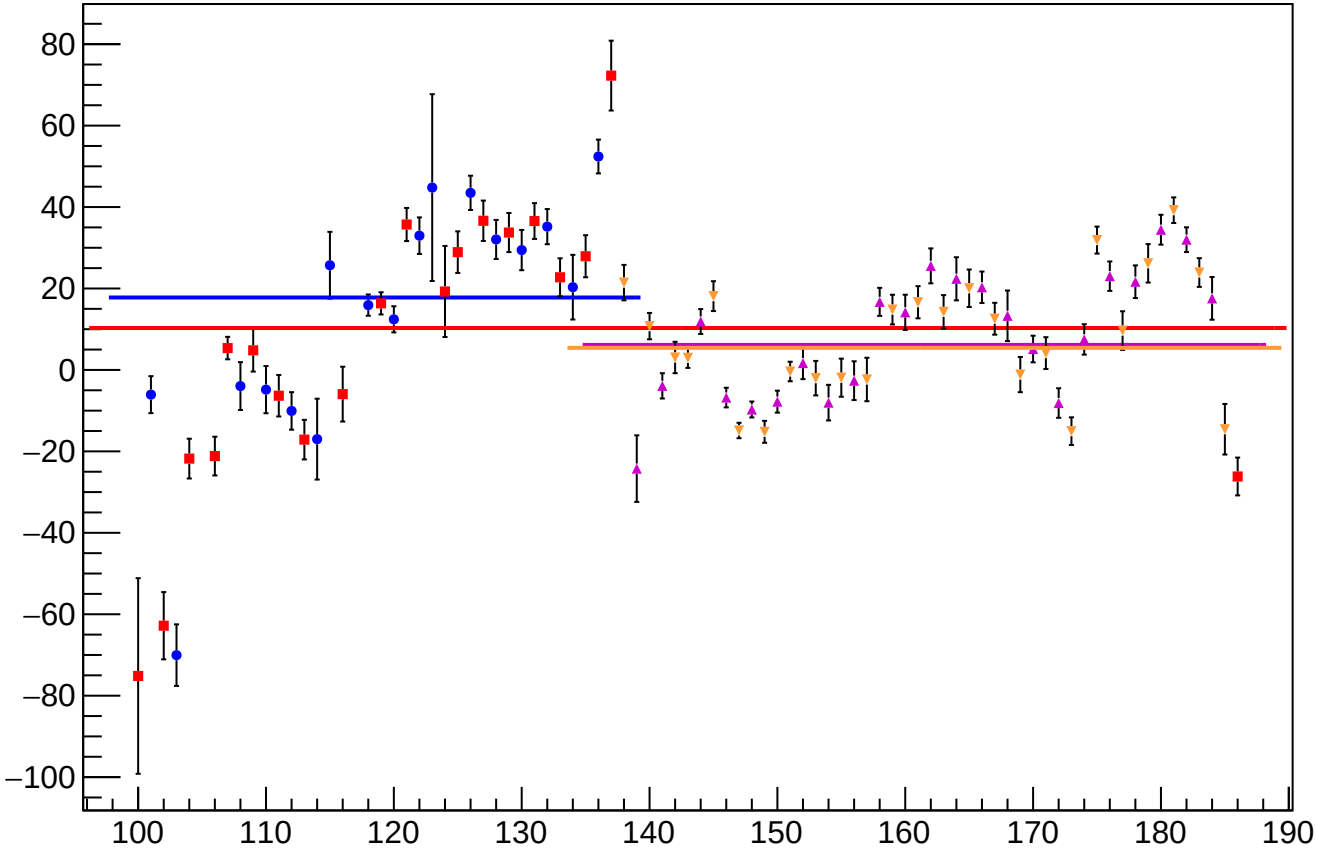
Right: 285.865+/-3.768 χ^2/NDF: 0.0/0

In: 190.279+/-0.949 χ^2/NDF:2452.9/22

Out: 188.460+/-0.892 χ^2/NDF:3938.7/25

All: 189.314+/-0.650 χ^2/NDF: 6393.5/48

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.786+/-1.146 χ^2/NDF: 395.1/16

Left Out: 5.425+/-0.693 χ^2/NDF:525.2/24

Right Out: 10.299+/-1.057 χ^2/NDF: 508.8/19

Left In: 6.151+/-0.730 χ^2/NDF:410.6/22

Left: 5.769+/-0.502 χ^2/NDF: 936.2/47

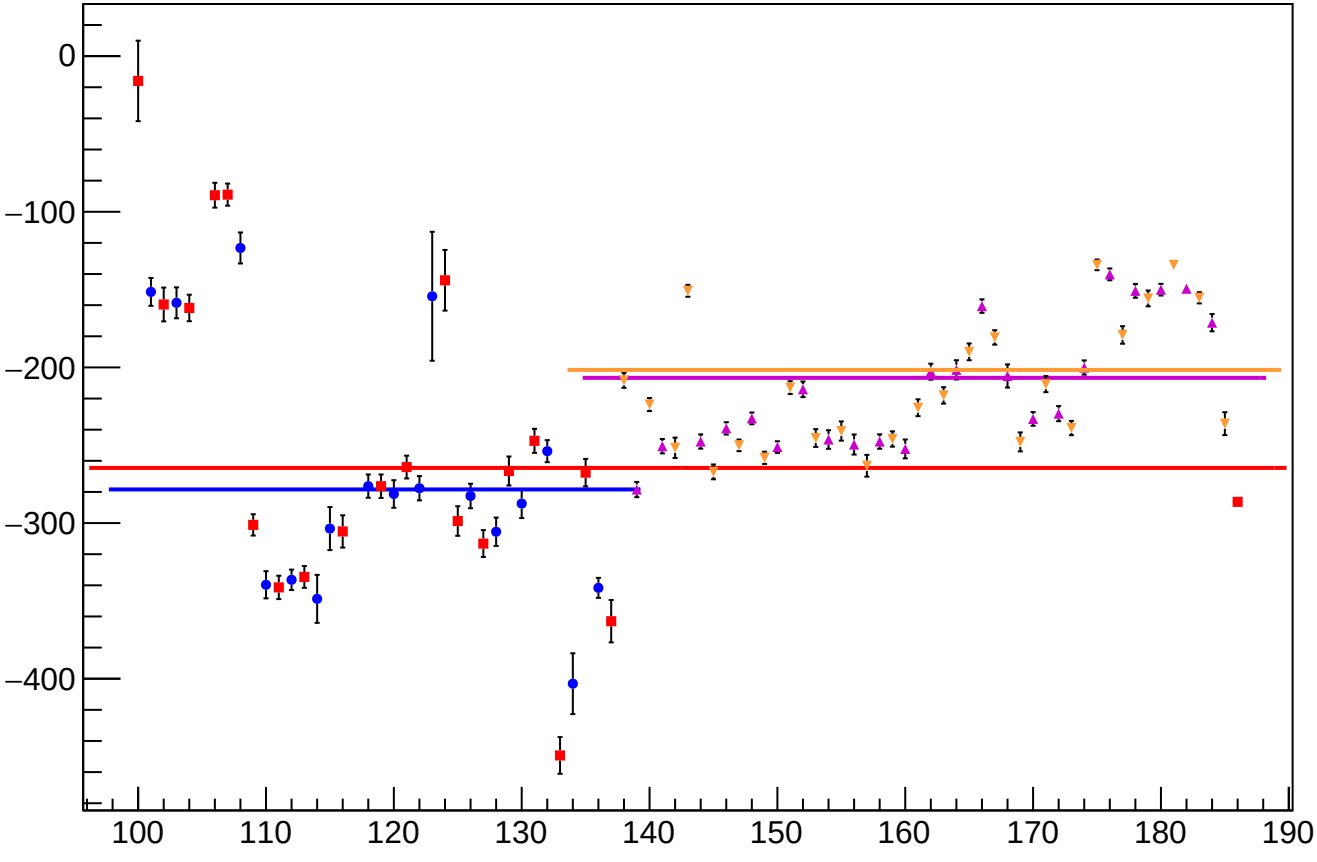
Right: 13.741+/-0.777 χ^2/NDF: 927.0/36

In: 9.507+/-0.616 χ^2/NDF:879.0/39

Out: 6.889+/-0.579 χ^2/NDF:1048.8/44

All: 8.118+/-0.422 χ^2/NDF: 1937.4/84

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.393+/-2.168 χ^2/NDF: 910.5/16

Left Out: -201.610+/-0.922 χ^2/NDF:2462.4/24

Right Out: -264.559+/-1.676 χ^2/NDF: 2115.0/19

Left In: -206.700+/-0.946 χ^2/NDF:2134.9/22

Left: -204.091+/-0.660 χ^2/NDF: 4612.2/47

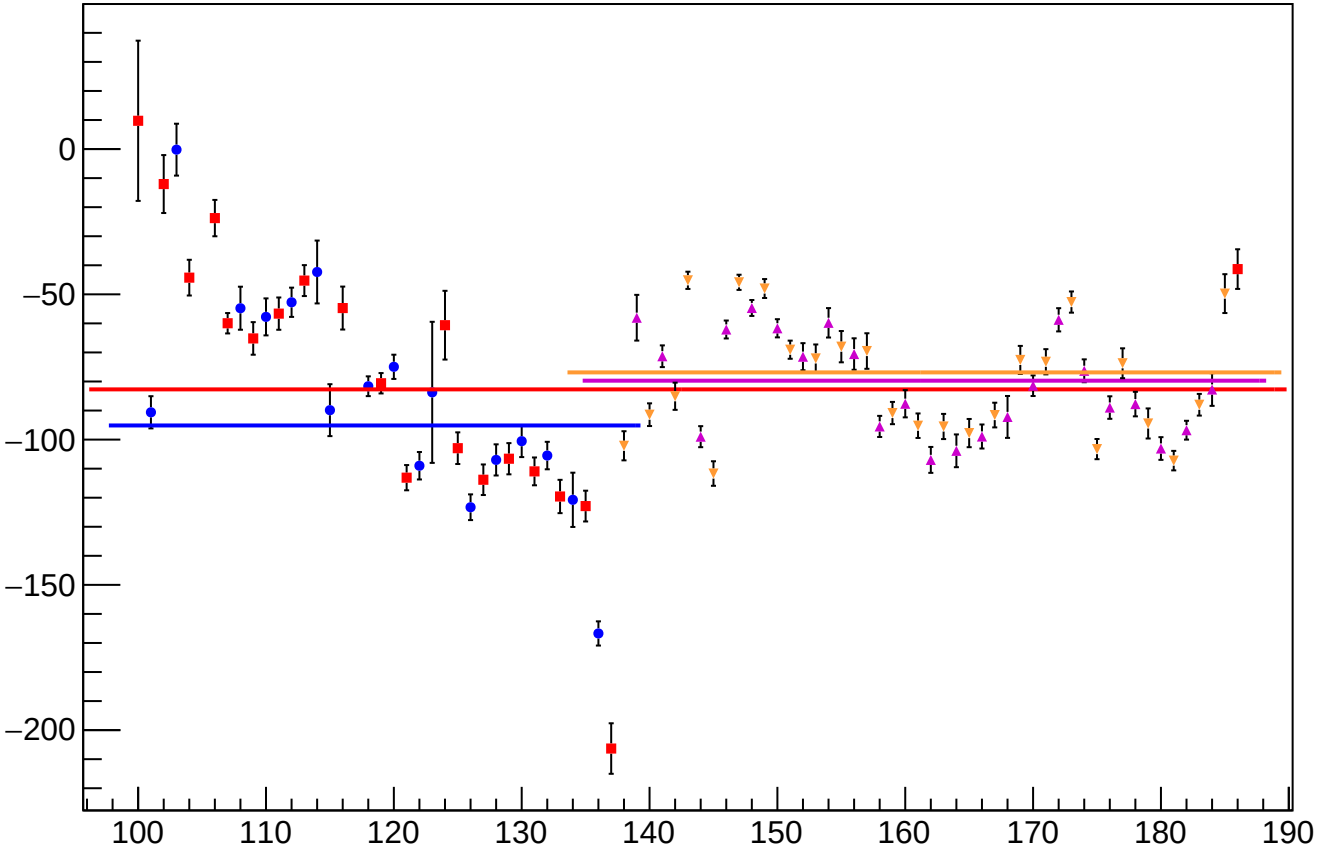
Right: -269.737+/-1.326 χ^2/NDF: 3051.0/36

In: -218.173+/-0.867 χ^2/NDF:3964.3/39

Out: -216.239+/-0.808 χ^2/NDF:5659.6/44

All: -217.138+/-0.591 χ^2/NDF: 9626.6/84

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.135+/-1.322 χ^2/NDF: 674.9/16

Left Out: -76.870+/-0.802 χ^2/NDF:758.7/24

Right Out: -82.716+/-1.238 χ^2/NDF: 820.9/19

Left In: -79.719+/-0.837 χ^2/NDF:415.2/22

Left: -78.232+/-0.579 χ^2/NDF: 1179.9/47

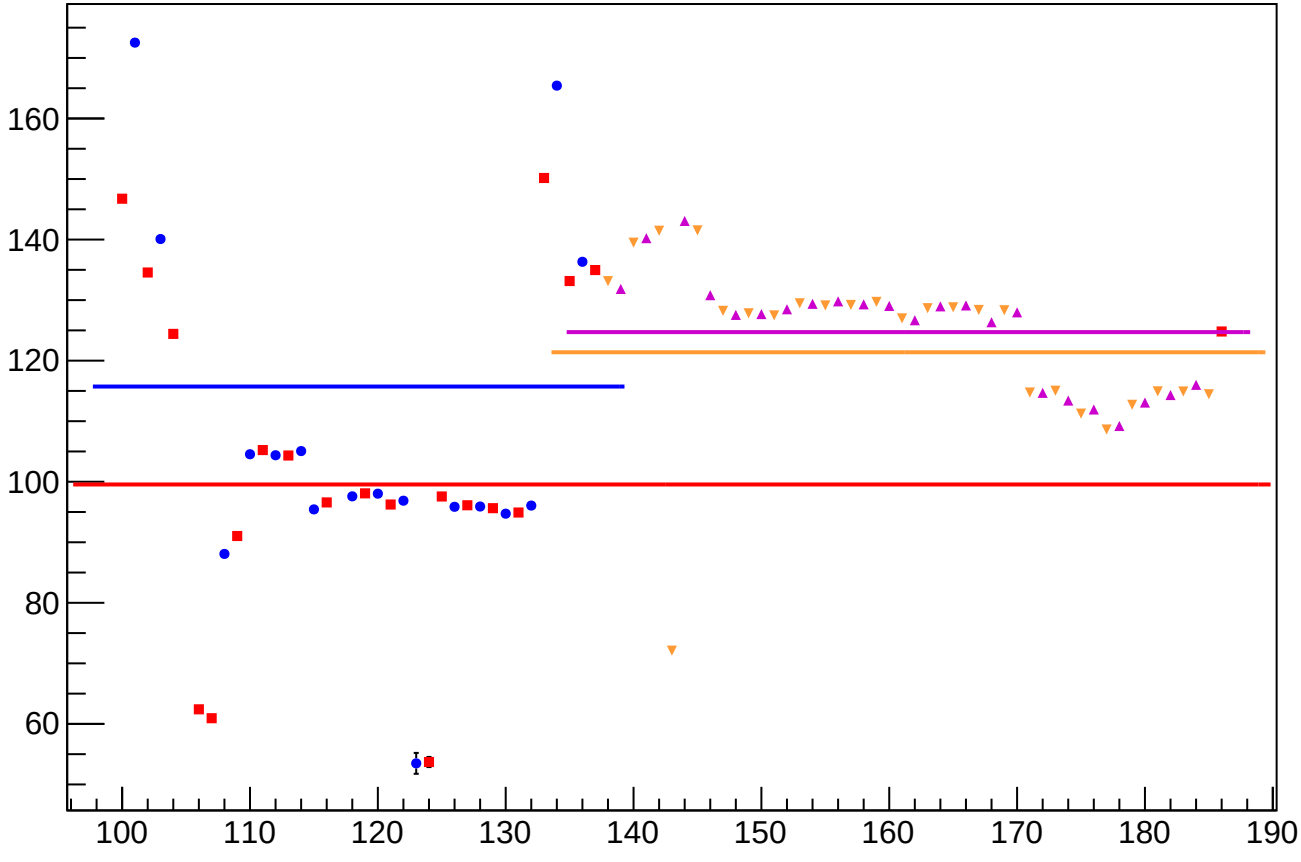
Right: -88.515+/-0.904 χ^2/NDF: 1542.9/36

In: -84.131+/-0.708 χ^2/NDF:1187.1/39

Out: -78.598+/-0.673 χ^2/NDF:1595.4/44

All: -81.226+/-0.488 χ^2/NDF: 2814.6/84

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724+/-0.078 χ^2/NDF: 106388.1/16

Left Out: 121.385+/-0.038 χ^2/NDF:164871.1/24

Right Out: 99.547+/-0.068 χ^2/NDF: 176198.8/19

Left In: 124.714+/-0.039 χ^2/NDF:51750.7/22

Left: 123.014+/-0.027 χ^2/NDF: 220328.2/47

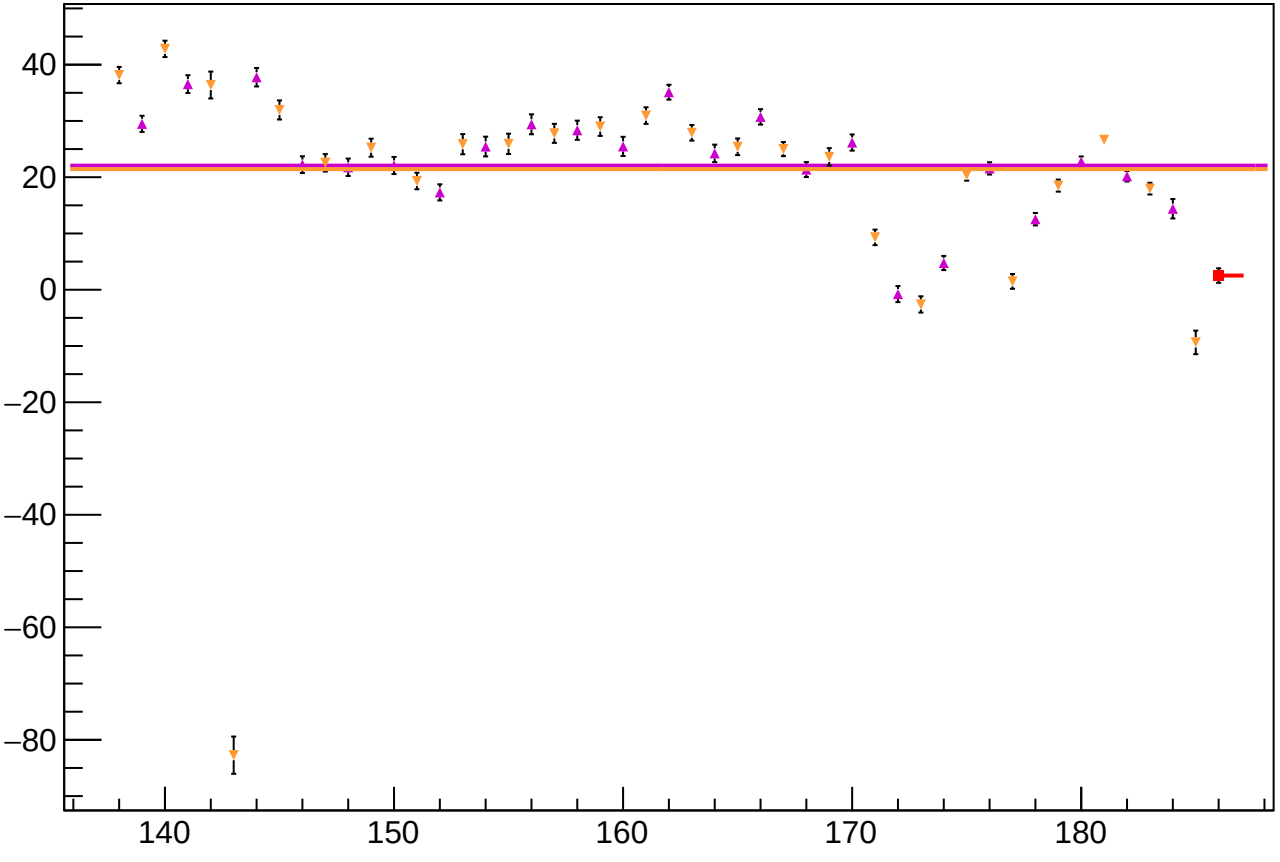
Right: 106.516+/-0.051 χ^2/NDF: 307081.1/36

In: 122.909+/-0.035 χ^2/NDF:168762.9/39

Out: 116.117+/-0.033 χ^2/NDF:419693.9/44

All: 119.352+/-0.024 χ^2/NDF: 608253.7/84

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 21.435+/-0.283 χ^2/NDF:2406.2/24

Right Out: 2.522+/-1.295 χ^2/NDF: 0.0/0

Left In: 22.055+/-0.284 χ^2/NDF:941.3/22

Left: 21.743+/-0.200 χ^2/NDF: 3349.9/47

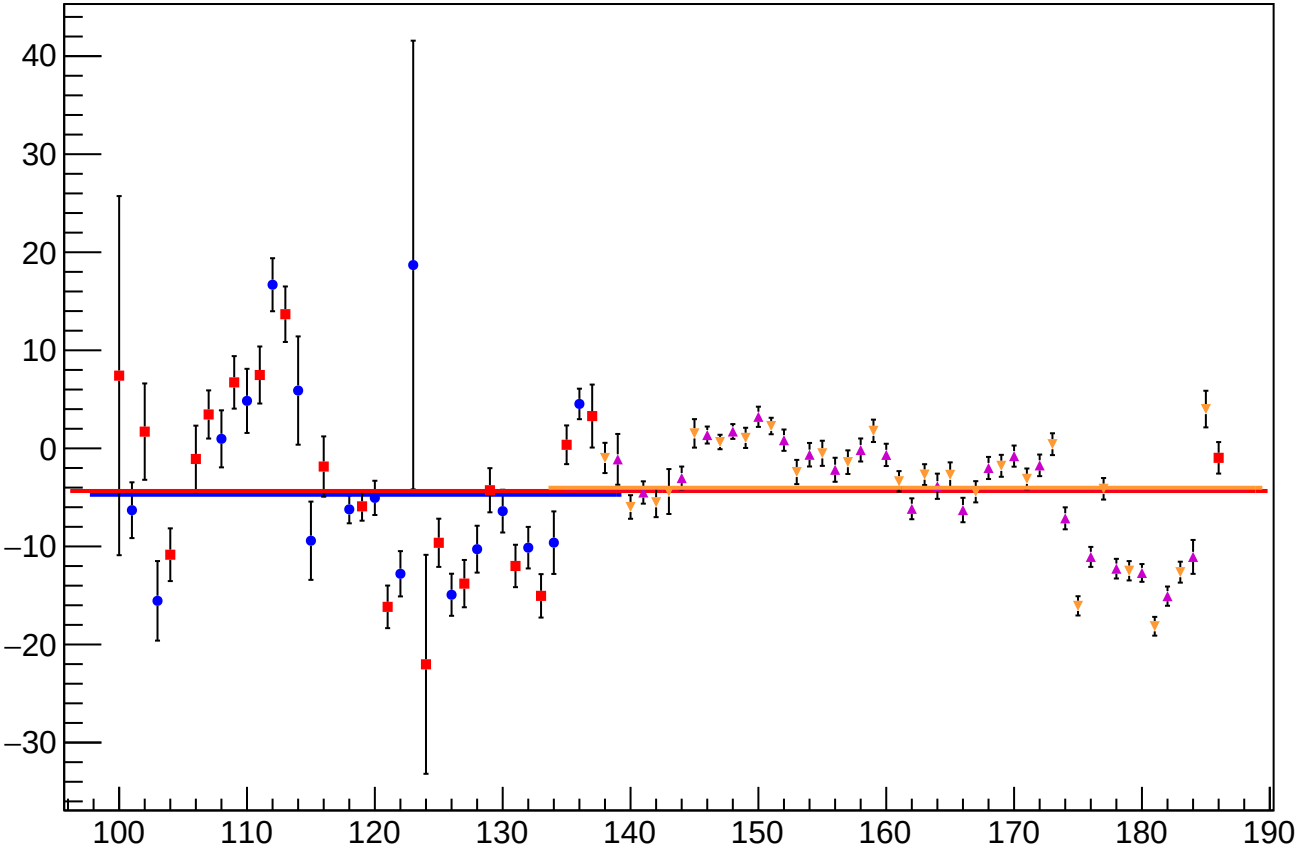
Right: 2.522+/-1.295 χ^2/NDF: 0.0/0

In: 22.055+/-0.284 χ^2/NDF:941.3/22

Out: 20.575+/-0.276 χ^2/NDF:2609.8/25

All: 21.293+/-0.198 χ^2/NDF: 3565.0/48

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730+/-0.580 χ^2/NDF: 174.8/16

Left Out: -4.015+/-0.223 χ^2/NDF:731.7/24

Right Out: -4.344+/-0.550 χ^2/NDF: 198.5/19

Left In: -4.069+/-0.227 χ^2/NDF:580.1/22

Left: -4.042+/-0.159 χ^2/NDF: 1311.8/47

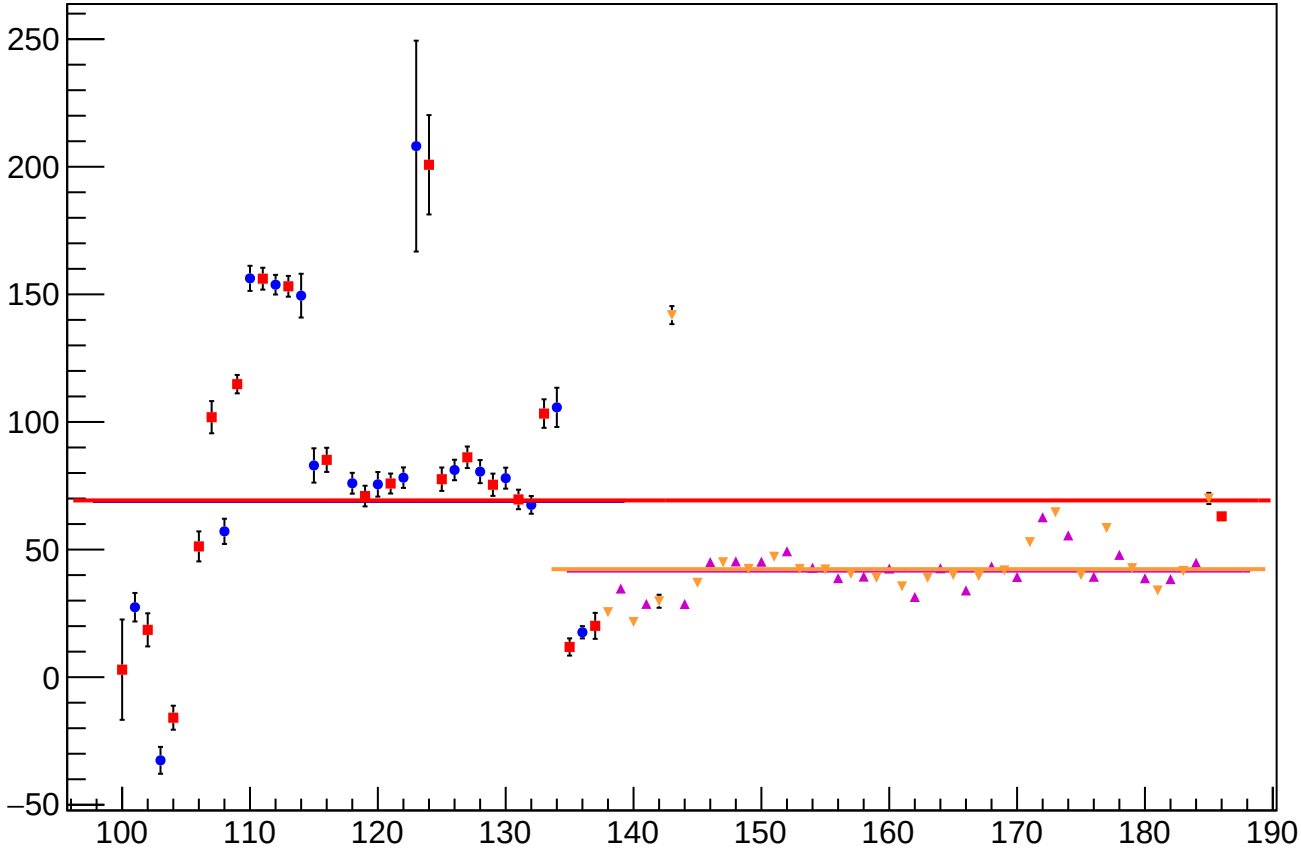
Right: -4.527+/-0.399 χ^2/NDF: 373.6/36

In: -4.158+/-0.212 χ^2/NDF:756.0/39

Out: -4.062+/-0.207 χ^2/NDF:930.4/44

All: -4.108+/-0.148 χ^2/NDF: 1686.6/84

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048+/-1.077 χ^2/NDF: 1847.9/16

Left Out: 42.322+/-0.282 χ^2/NDF:1855.5/24

Right Out: 69.259+/-0.745 χ^2/NDF: 1969.4/19

Left In: 41.755+/-0.283 χ^2/NDF:659.6/22

Left: 42.039+/-0.200 χ^2/NDF: 2517.1/47

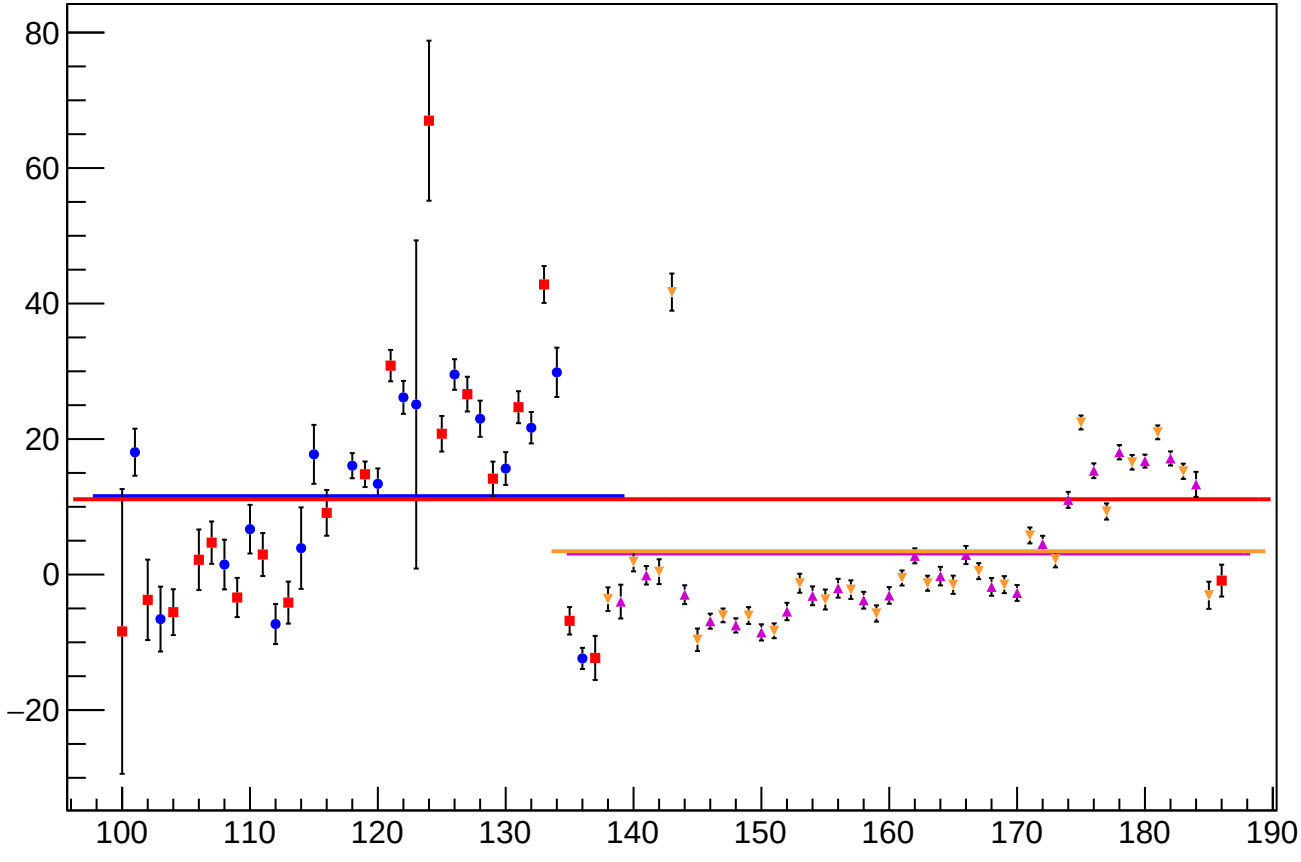
Right: 69.191+/-0.613 χ^2/NDF: 3817.3/36

In: 43.519+/-0.274 χ^2/NDF:3108.5/39

Out: 45.697+/-0.264 χ^2/NDF:4967.5/44

All: 44.648+/-0.190 χ^2/NDF: 8108.9/84

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565+/-0.658 χ^2/NDF: 478.2/16

Left Out: 3.439+/-0.252 χ^2/NDF:1647.7/24

Right Out: 11.114+/-0.640 χ^2/NDF: 571.4/19

Left In: 3.114+/-0.256 χ^2/NDF:1273.1/22

Left: 3.279+/-0.180 χ^2/NDF: 2921.5/47

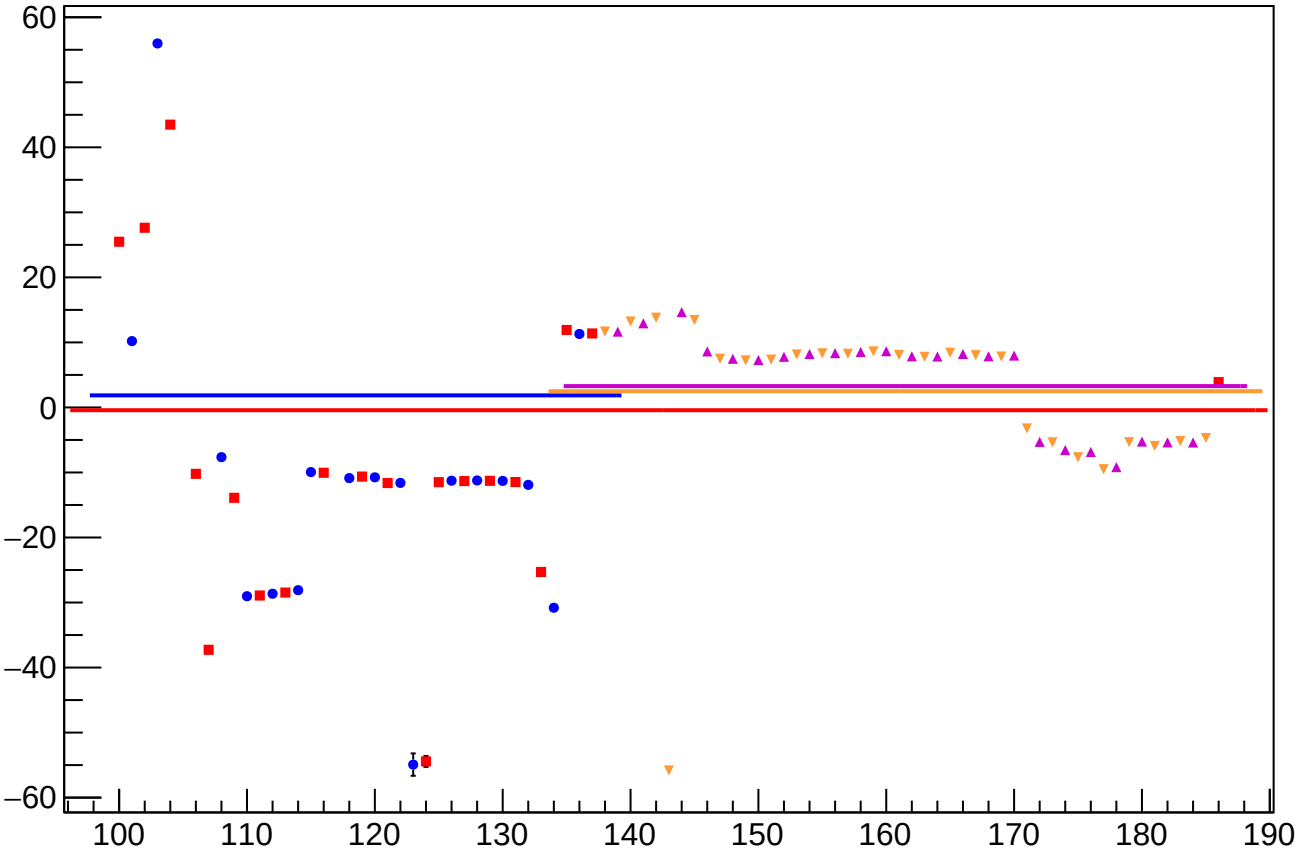
Right: 11.333+/-0.459 χ^2/NDF: 1049.9/36

In: 4.227+/-0.239 χ^2/NDF:1894.4/39

Out: 4.474+/-0.235 χ^2/NDF:2343.7/44

All: 4.352+/-0.167 χ^2/NDF: 4238.7/84

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855+/-0.037 χ^2/NDF: 359414.1/16

Left Out: 2.497+/-0.012 χ^2/NDF:588138.5/24

Right Out: -0.427+/-0.036 χ^2/NDF: 362341.6/19

Left In: 3.281+/-0.012 χ^2/NDF:409605.3/22

Left: 2.888+/-0.008 χ^2/NDF: 1000035.7/47

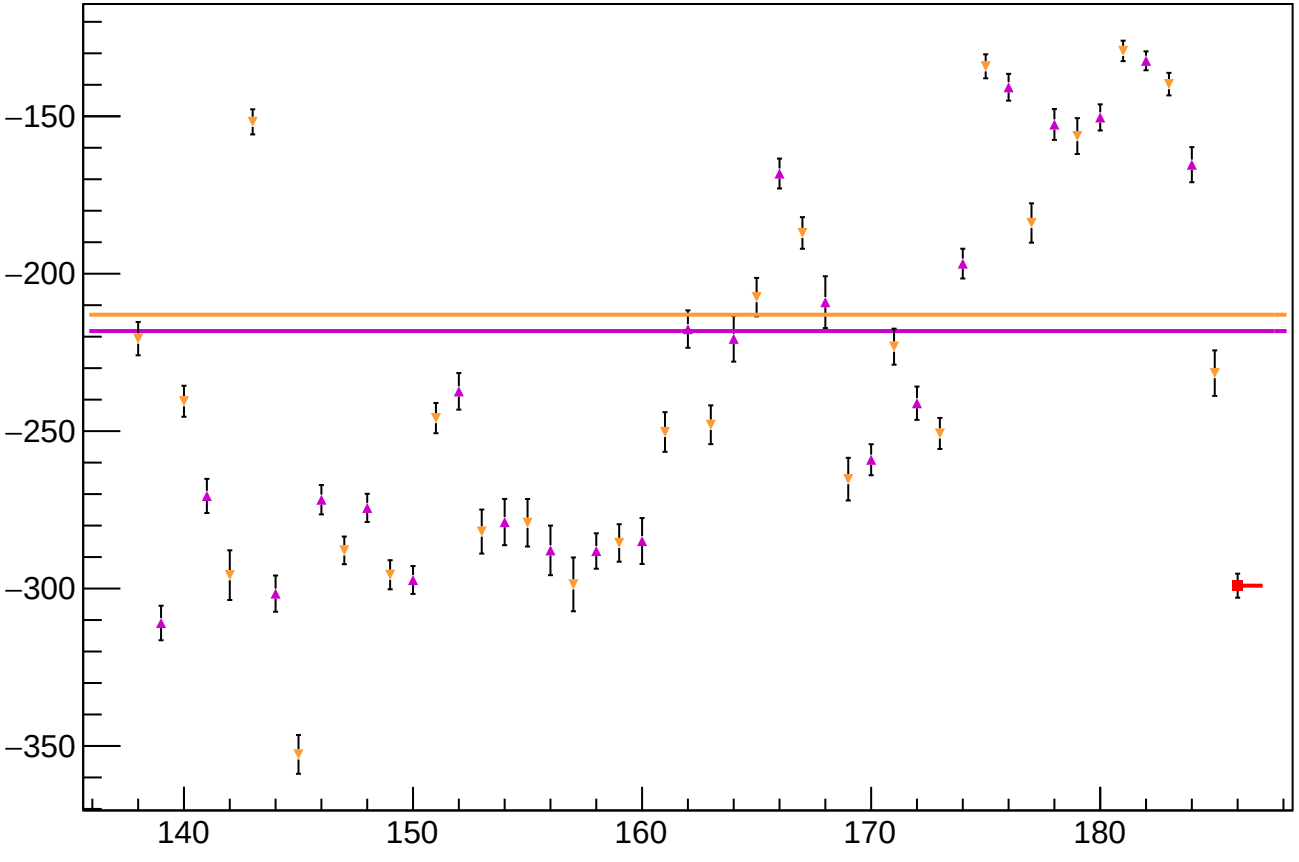
Right: 0.688+/-0.026 χ^2/NDF: 723703.1/36

In: 3.153+/-0.011 χ^2/NDF:770371.4/39

Out: 2.225+/-0.011 χ^2/NDF:956412.9/44

All: 2.687+/-0.008 χ^2/NDF: 1730316.0/84

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -213.020+/-1.035 χ^2/NDF:3826.2/24

Right Out: -299.089+/-3.810 χ^2/NDF: 0.0/0

Left In: -218.216+/-1.063 χ^2/NDF:3499.0/22

Left: -215.550+/-0.742 χ^2/NDF: 7337.5/47

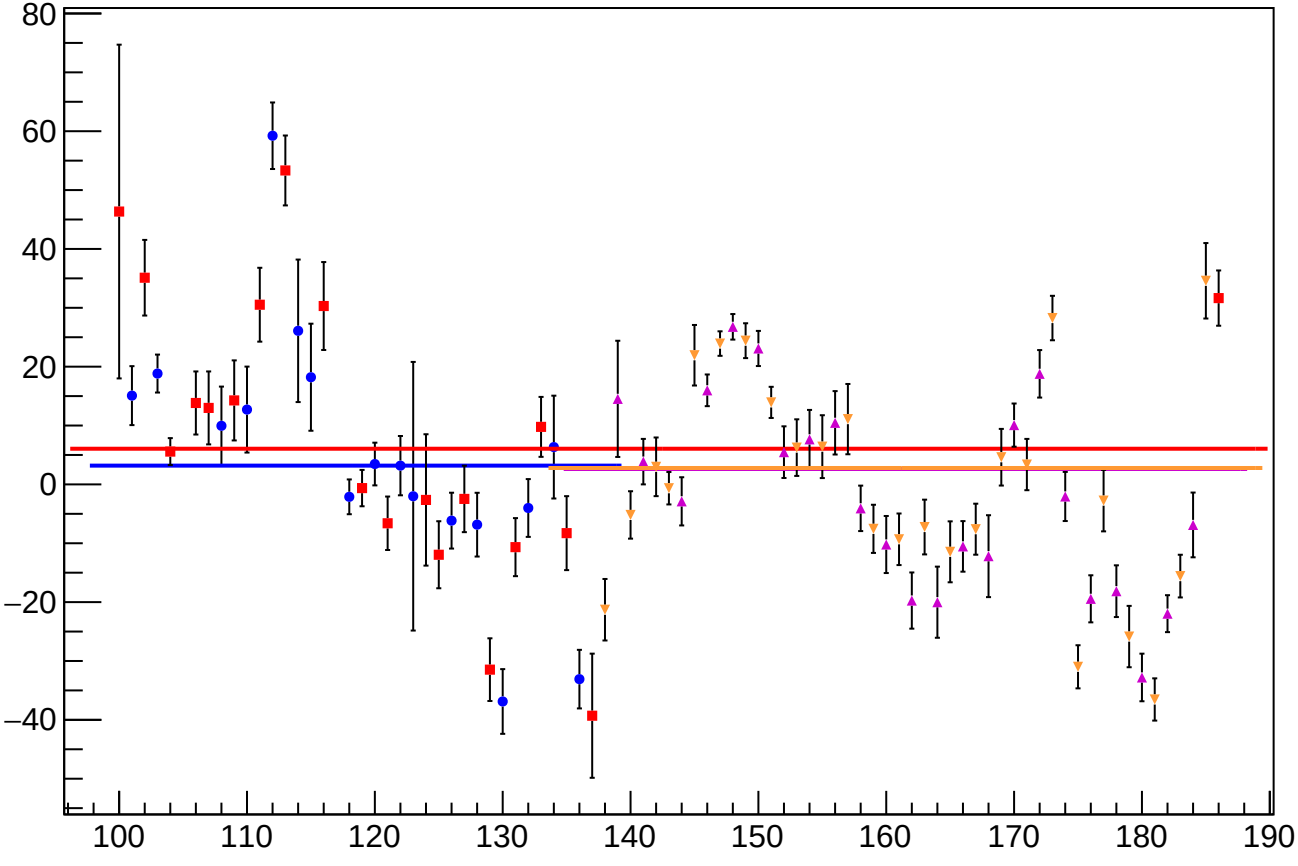
Right: -299.089+/-3.810 χ^2/NDF: 0.0/0

In: -218.216+/-1.063 χ^2/NDF:3499.0/22

Out: -218.939+/-0.999 χ^2/NDF:4301.5/25

All: -218.600+/-0.728 χ^2/NDF: 7800.7/48

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.188+/-1.225 χ^2/NDF: 255.6/16

Left Out: 2.786+/-0.780 χ^2/NDF:582.0/24

Right Out: 6.059+/-1.126 χ^2/NDF: 256.9/19

Left In: 2.619+/-0.821 χ^2/NDF:477.6/22

Left: 2.707+/-0.565 χ^2/NDF: 1059.7/47

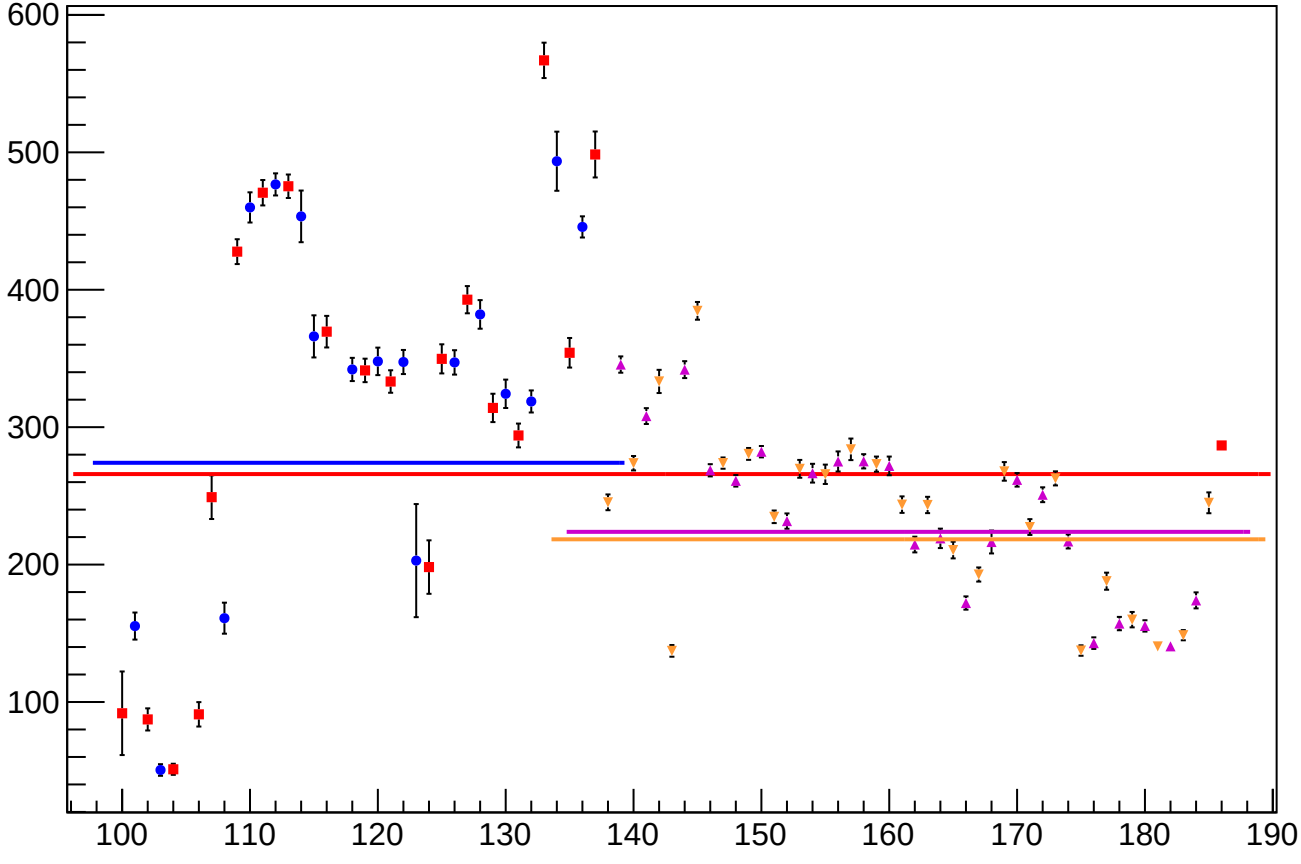
Right: 4.745+/-0.829 χ^2/NDF: 515.6/36

In: 2.795+/-0.682 χ^2/NDF:733.4/39

Out: 3.848+/-0.641 χ^2/NDF:844.7/44

All: 3.354+/-0.467 χ^2/NDF: 1579.3/84

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 274.079+/-2.191 χ^2/NDF: 5112.0/16

Left Out: 218.389+/-1.038 χ^2/NDF:3696.7/24

Right Out: 265.864+/-1.717 χ^2/NDF: 6513.0/19

Left In: 223.827+/-1.058 χ^2/NDF:3444.7/22

Left: 221.054+/-0.741 χ^2/NDF: 7154.8/47

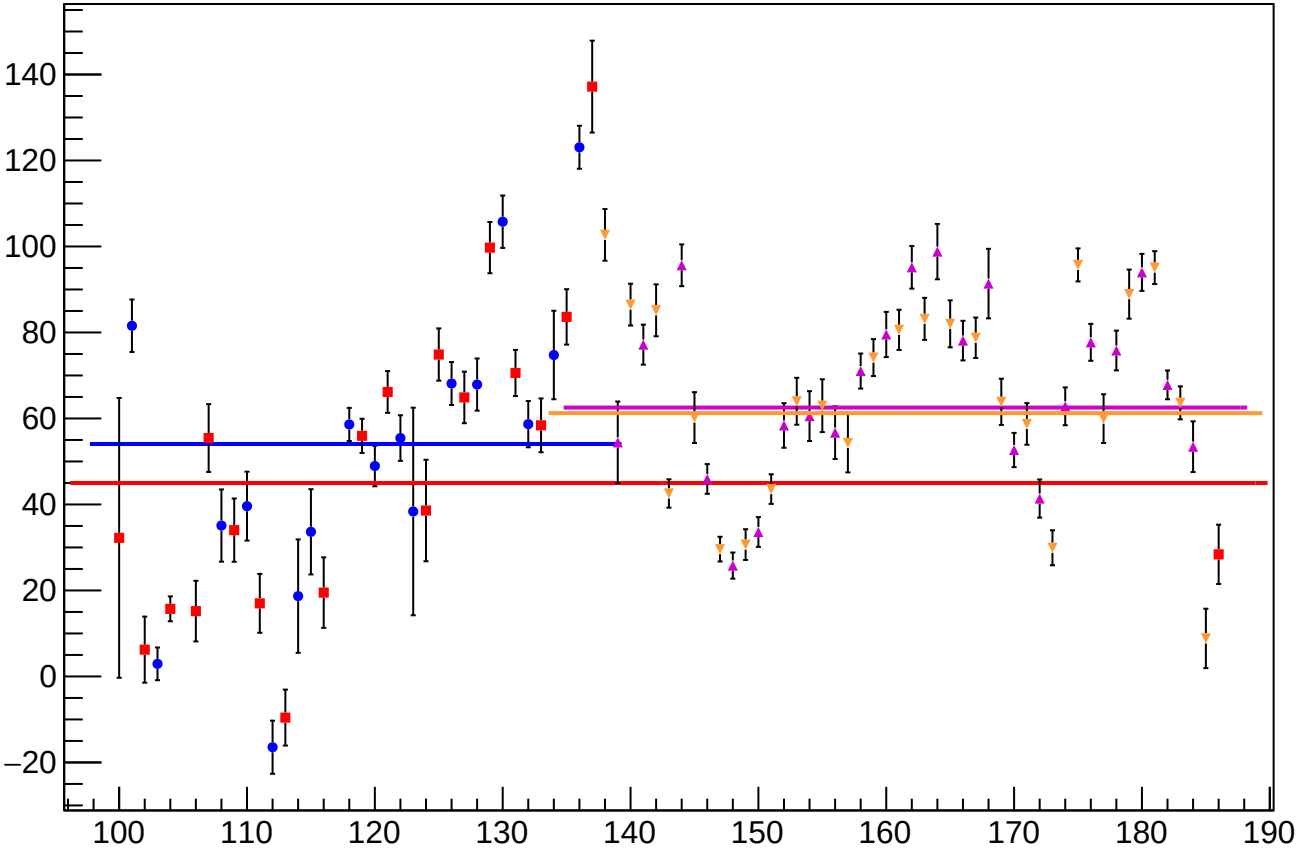
Right: 268.989+/-1.351 χ^2/NDF: 11633.7/36

In: 233.336+/-0.953 χ^2/NDF:8983.2/39

Out: 231.093+/-0.888 χ^2/NDF:10769.8/44

All: 232.135+/-0.650 χ^2/NDF: 19755.9/84

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.065+/-1.421 χ^2/NDF: 634.4/16

Left Out: 61.240+/-0.903 χ^2/NDF:718.8/24

Right Out: 44.992+/-1.333 χ^2/NDF: 536.8/19

Left In: 62.538+/-0.940 χ^2/NDF:520.0/22

Left: 61.862+/-0.651 χ^2/NDF: 1239.8/47

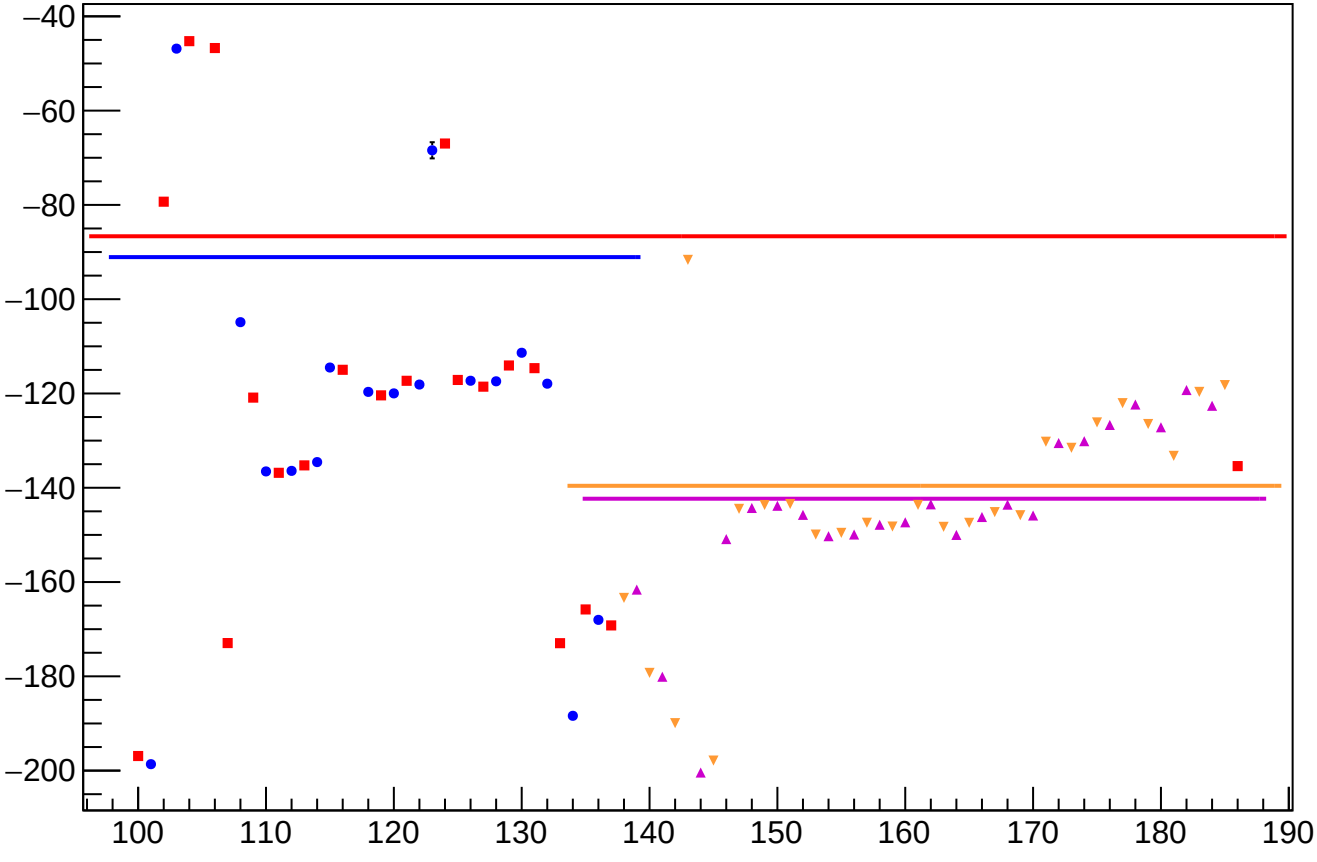
Right: 49.242+/-0.972 χ^2/NDF: 1192.9/36

In: 59.957+/-0.784 χ^2/NDF:1179.1/39

Out: 56.135+/-0.747 χ^2/NDF:1357.5/44

All: 57.954+/-0.541 χ^2/NDF: 2549.0/84

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074+/-0.068 χ^2/NDF: 534647.5/16

Left Out: -139.585+/-0.043 χ^2/NDF:243895.1/24

Right Out: -86.652+/-0.064 χ^2/NDF: 505856.2/19

Left In: -142.326+/-0.044 χ^2/NDF:144642.3/22

Left: -140.930+/-0.031 χ^2/NDF: 390521.6/47

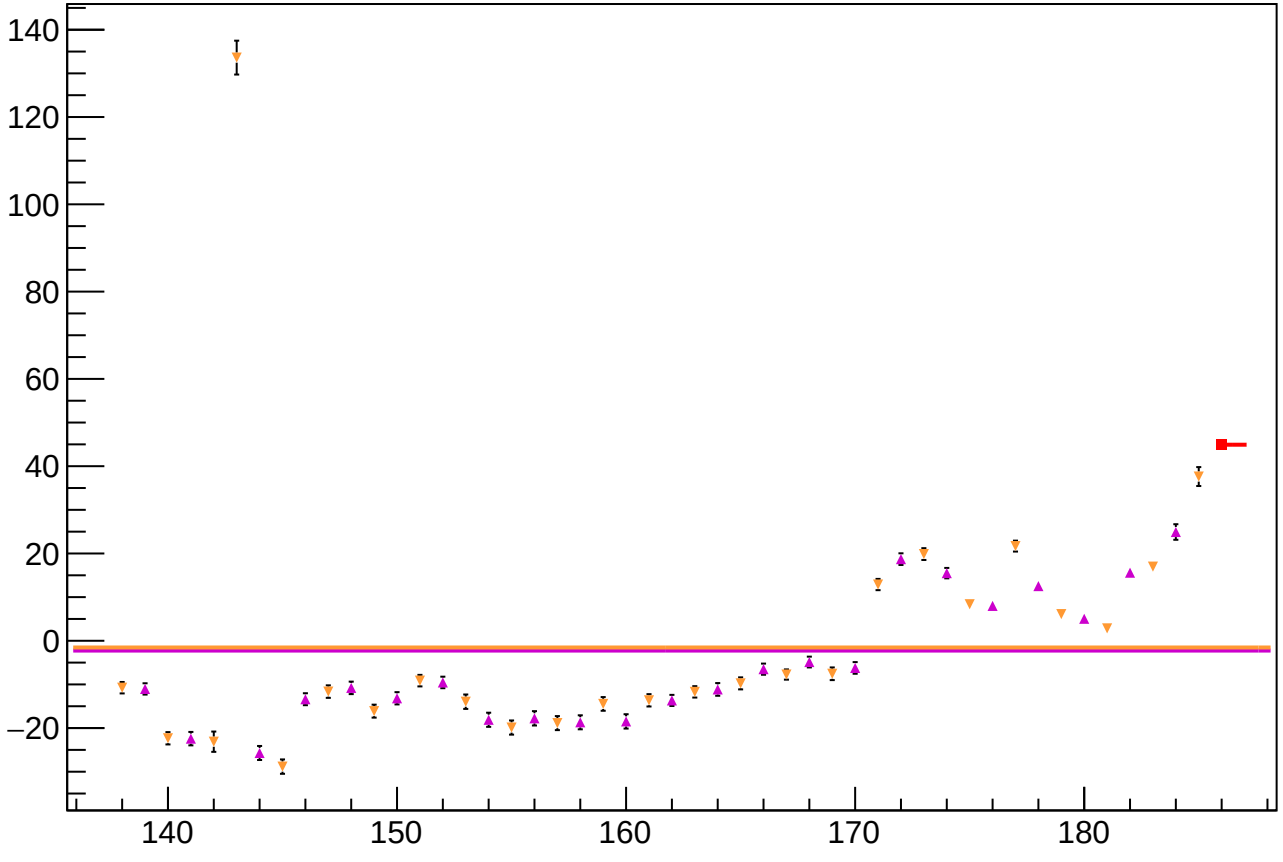
Right: -88.761+/-0.047 χ^2/NDF: 1042745.9/36

In: -127.097+/-0.037 χ^2/NDF:1084153.9/39

Out: -123.239+/-0.036 χ^2/NDF:1215526.0/44

All: -125.117+/-0.026 χ^2/NDF: 2305320.0/84

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1.540+/-0.268 χ^2/NDF:4129.1/24

Right Out: 44.920+/-0.865 χ^2/NDF: 0.0/0

Left In: -2.244+/-0.270 χ^2/NDF:2561.6/22

Left: -1.890+/-0.190 χ^2/NDF: 6694.2/47

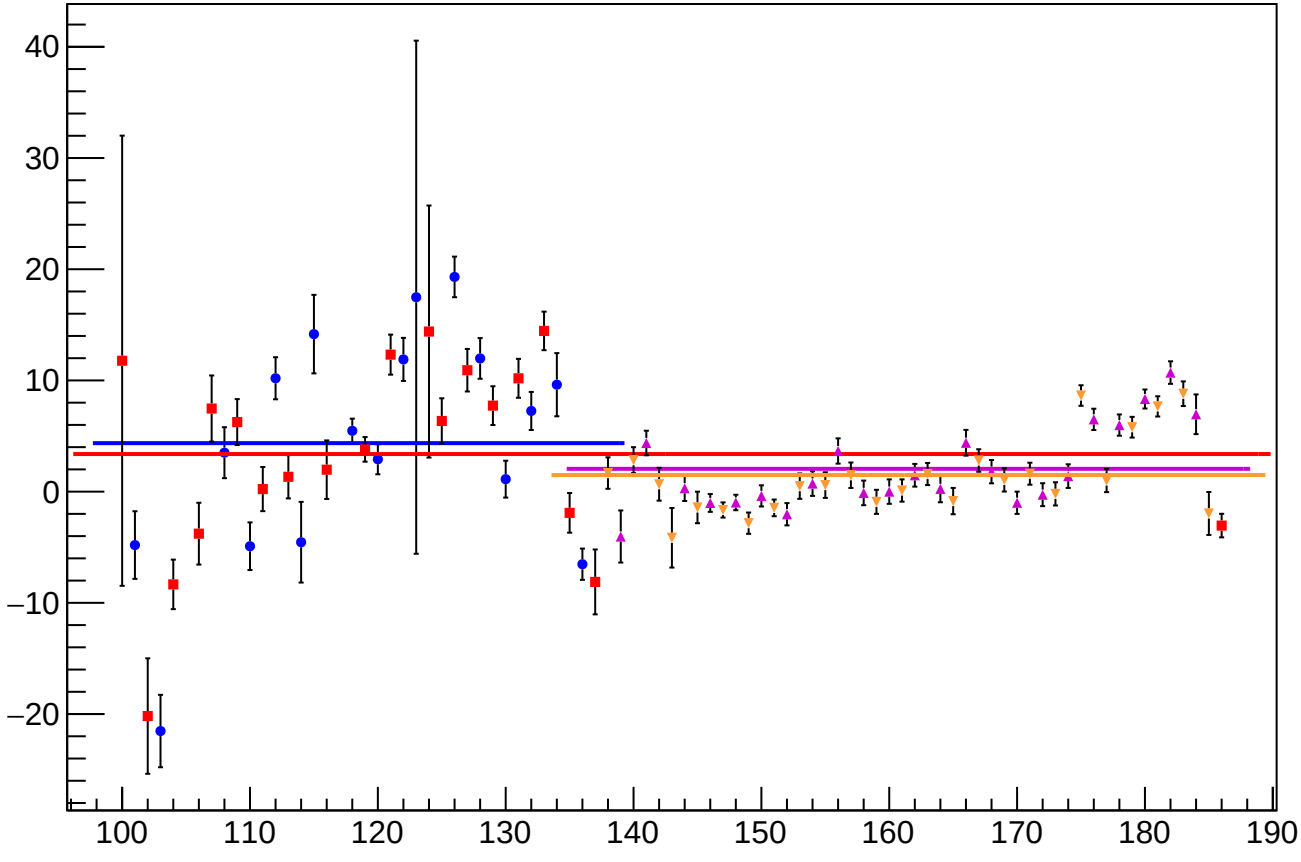
Right: 44.920+/-0.865 χ^2/NDF: 0.0/0

In: -2.244+/-0.270 χ^2/NDF:2561.6/22

Out: 2.524+/-0.256 χ^2/NDF:6763.4/25

All: 0.265+/-0.186 χ^2/NDF: 9489.6/48

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361+/-0.464 χ^2/NDF: 286.5/16

Left Out: 1.492+/-0.210 χ^2/NDF:258.3/24

Right Out: 3.381+/-0.433 χ^2/NDF: 229.7/19

Left In: 2.051+/-0.215 χ^2/NDF:275.4/22

Left: 1.766+/-0.150 χ^2/NDF: 537.2/47

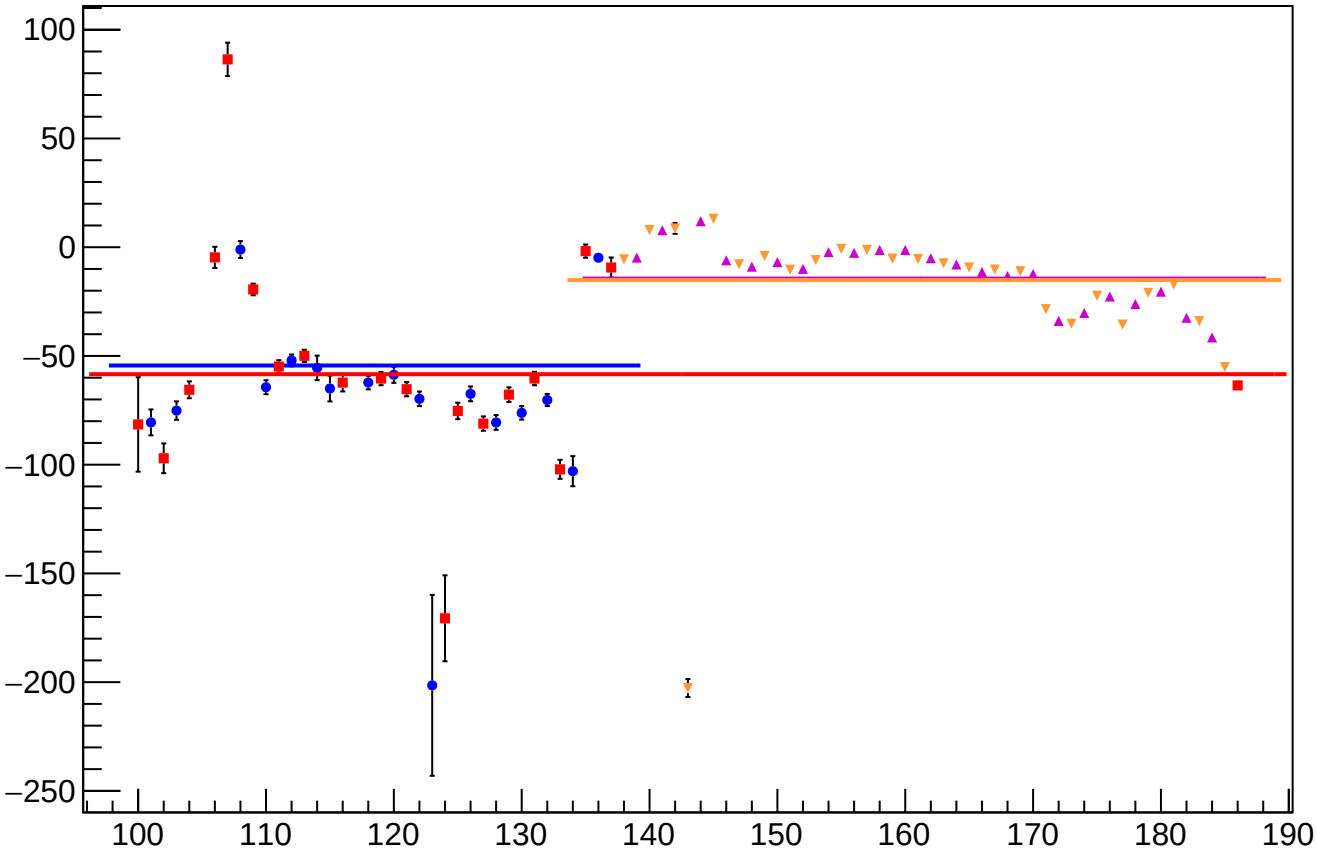
Right: 3.837+/-0.317 χ^2/NDF: 518.5/36

In: 2.458+/-0.195 χ^2/NDF:582.3/39

Out: 1.853+/-0.189 χ^2/NDF:503.4/44

All: 2.147+/-0.136 χ^2/NDF: 1090.6/84

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392+/-0.863 χ^2/NDF: 1013.4/16

Left Out: -15.140+/-0.267 χ^2/NDF:4451.9/24

Right Out: -58.385+/-0.538 χ^2/NDF: 1466.4/19

Left In: -14.415+/-0.268 χ^2/NDF:2065.7/22

Left: -14.779+/-0.189 χ^2/NDF: 6521.3/47

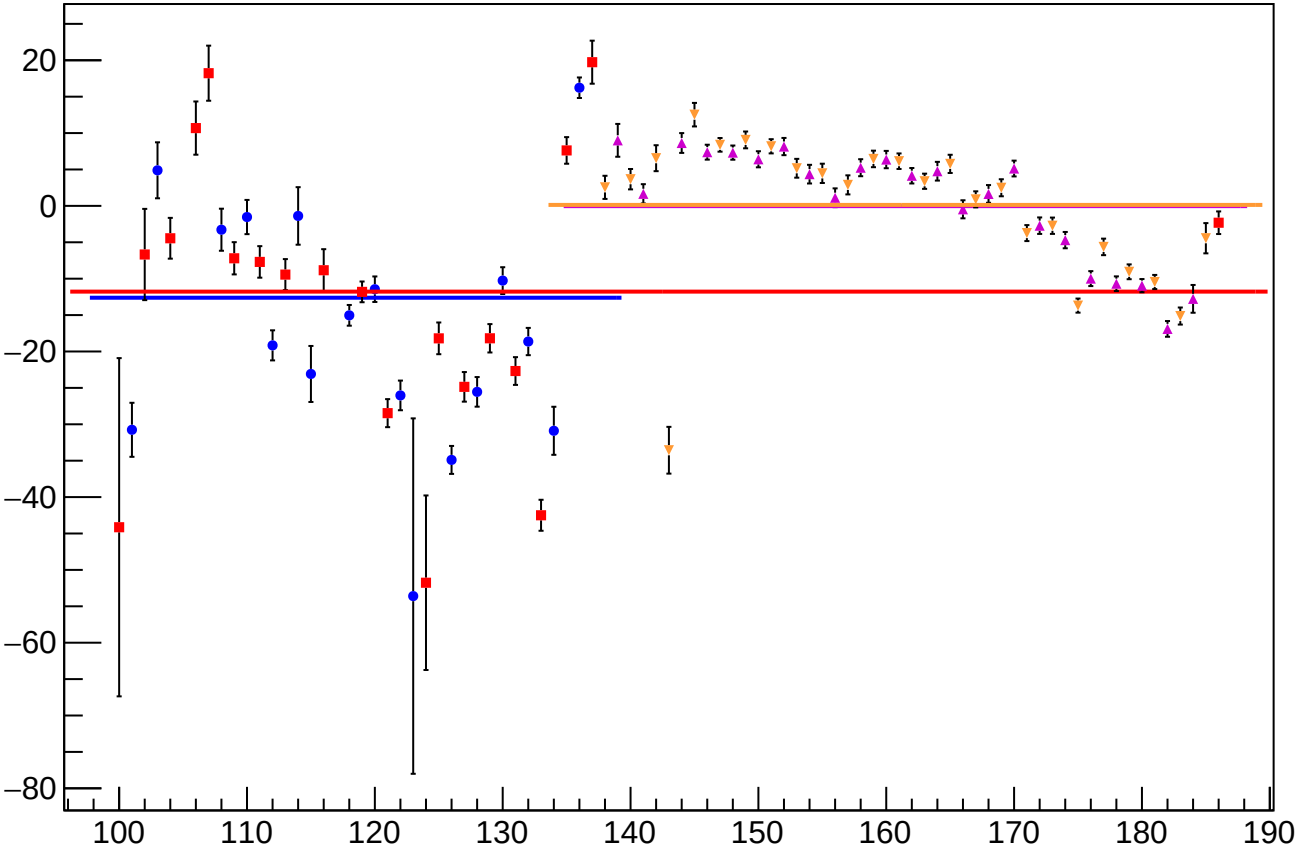
Right: -57.266+/-0.457 χ^2/NDF: 2495.3/36

In: -17.936+/-0.256 χ^2/NDF:5038.2/39

Out: -23.671+/-0.239 χ^2/NDF:11099.1/44

All: -20.999+/-0.175 χ^2/NDF: 16405.3/84

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.616+/-0.530 χ^2/NDF: 788.2/16

Left Out: 0.133+/-0.238 χ^2/NDF:1146.9/24

Right Out: -11.777+/-0.509 χ^2/NDF: 771.8/19

Left In: -0.036+/-0.242 χ^2/NDF:1027.6/22

Left: 0.049+/-0.170 χ^2/NDF: 2174.8/47

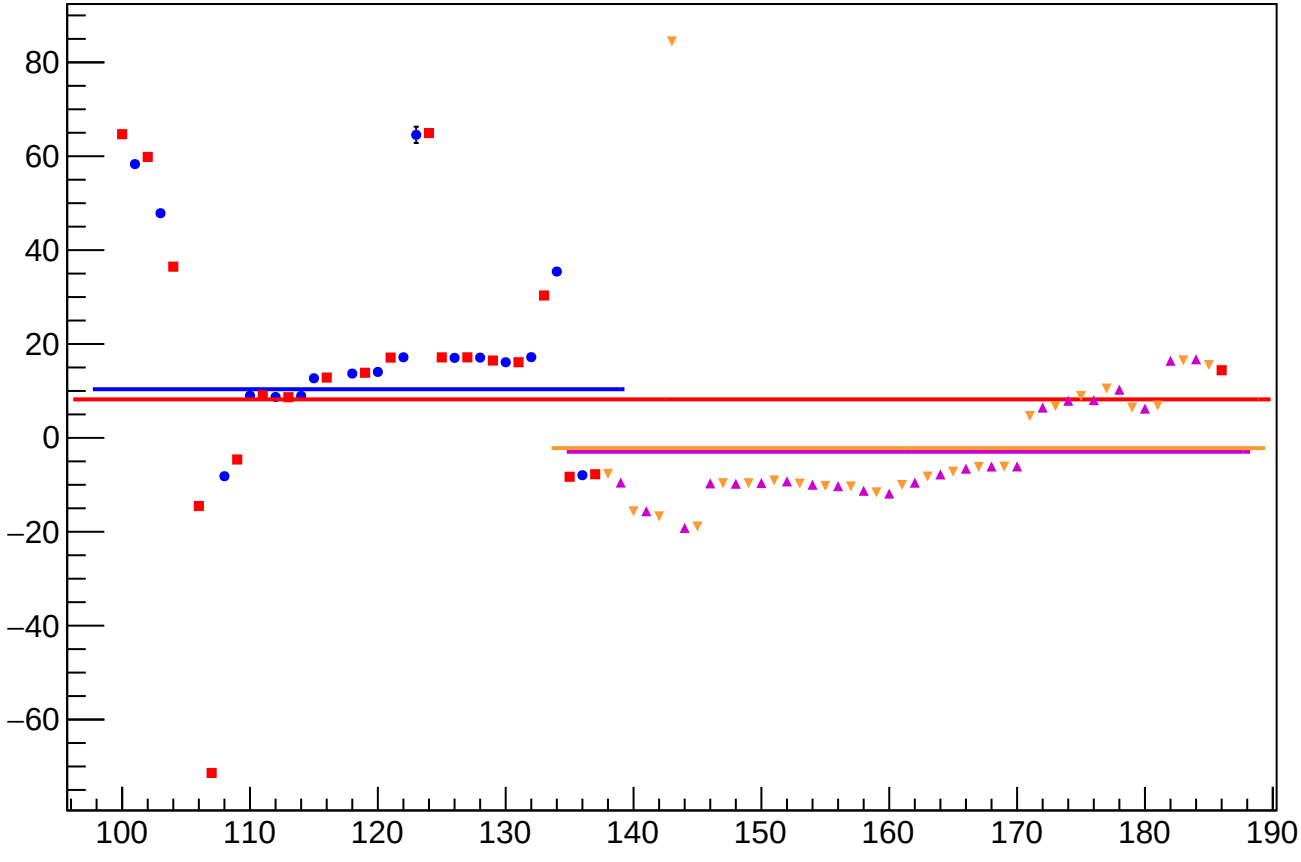
Right: -12.179+/-0.367 χ^2/NDF: 1561.3/36

In: -2.211+/-0.220 χ^2/NDF:2281.5/39

Out: -2.012+/-0.216 χ^2/NDF:2368.3/44

All: -2.109+/-0.154 χ^2/NDF: 4650.3/84

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.366+/-0.031 χ^2/NDF: 381003.5/16

Left Out: -2.176+/-0.011 χ^2/NDF:1047394.9/24

Right Out: 8.205+/-0.030 χ^2/NDF: 548413.9/19

Left In: -2.949+/-0.011 χ^2/NDF:770702.4/22

Left: -2.562+/-0.008 χ^2/NDF: 1820593.2/47

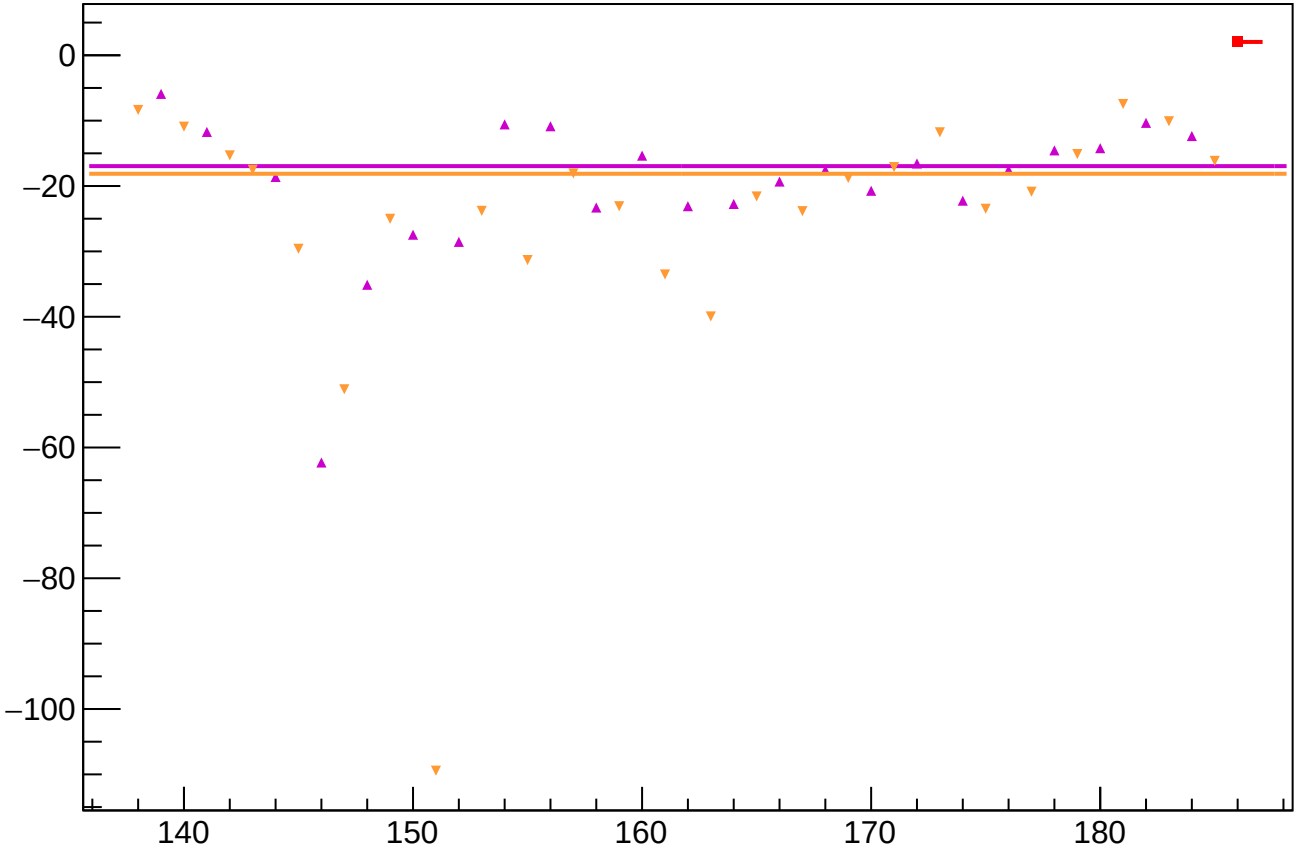
Right: 9.270+/-0.021 χ^2/NDF: 931955.6/36

In: -1.432+/-0.010 χ^2/NDF:1320161.6/39

Out: -0.968+/-0.010 χ^2/NDF:1700924.4/44

All: -1.199+/-0.007 χ^2/NDF: 3022102.7/84

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -18.127+/-0.039 χ^2/NDF:88514.4/24

Right Out: 2.038+/-0.194 χ^2/NDF: 0.0/0

Left In: -16.958+/-0.038 χ^2/NDF:44759.9/22

Left: -17.528+/-0.027 χ^2/NDF: 133736.2/47

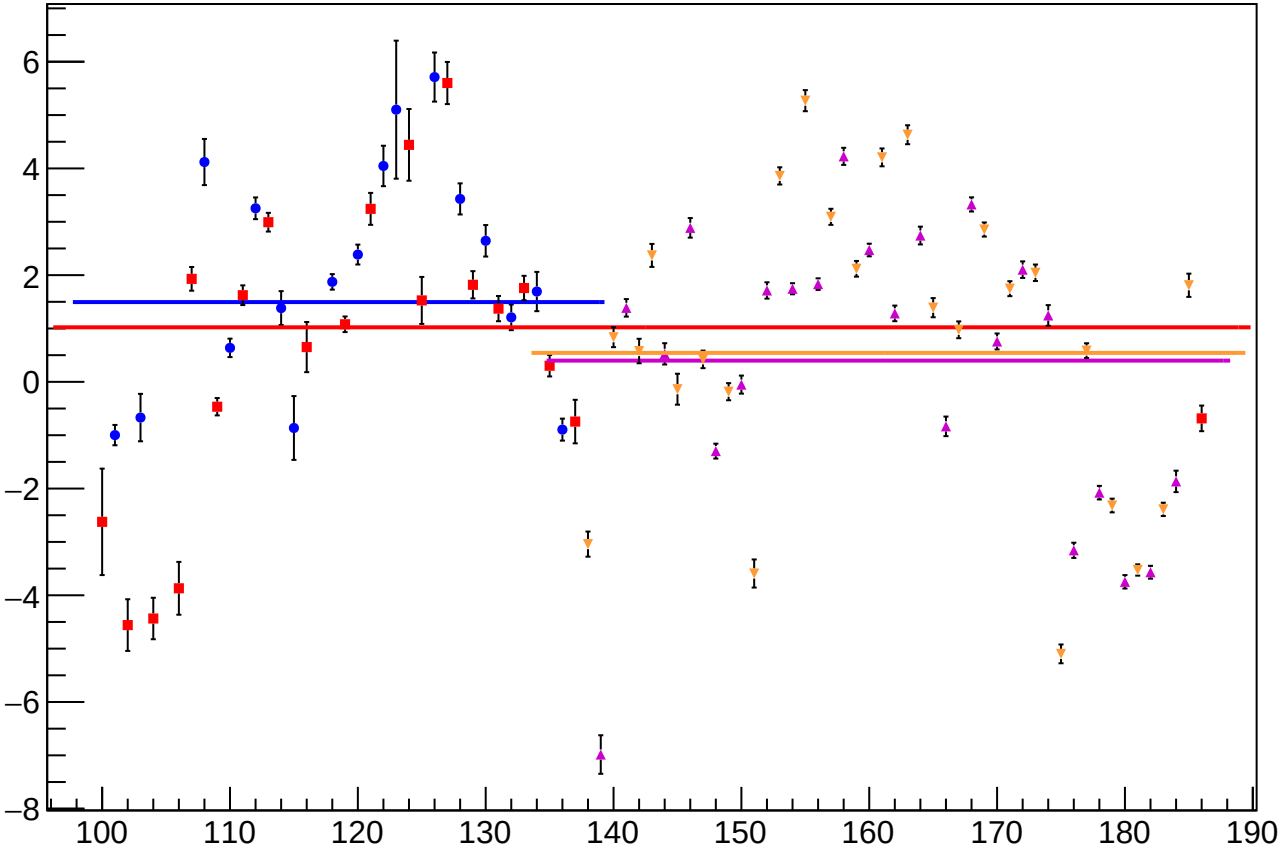
Right: 2.038+/-0.194 χ^2/NDF: 0.0/0

In: -16.958+/-0.038 χ^2/NDF:44759.9/22

Out: -17.349+/-0.038 χ^2/NDF:98857.8/25

All: -17.152+/-0.027 χ^2/NDF: 143670.4/48

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495+/-0.061 χ^2/NDF: 708.8/16

Left Out: 0.543+/-0.032 χ^2/NDF:7067.6/24

Right Out: 1.022+/-0.057 χ^2/NDF: 1000.1/19

Left In: 0.398+/-0.031 χ^2/NDF:6286.3/22

Left: 0.467+/-0.022 χ^2/NDF: 13364.5/47

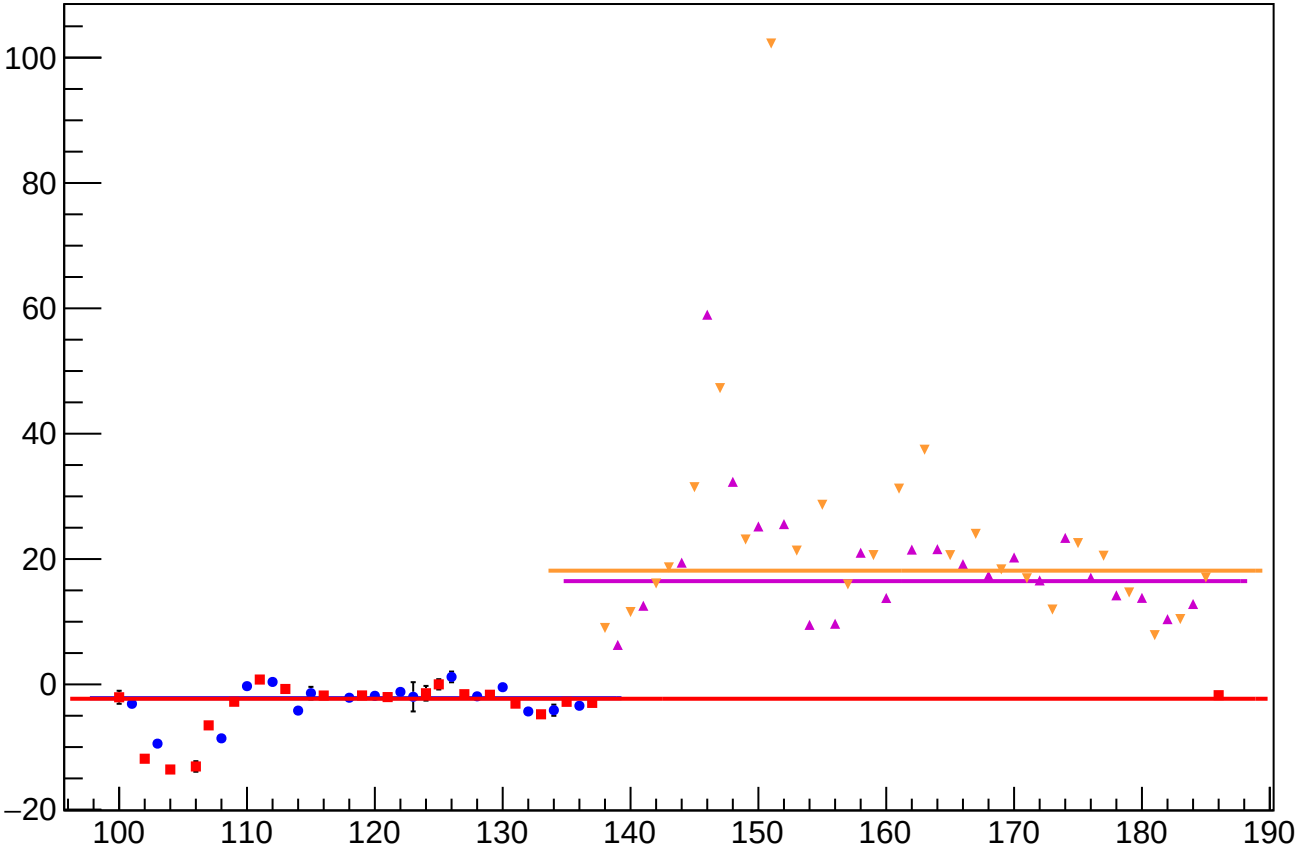
Right: 1.240+/-0.041 χ^2/NDF: 1741.2/36

In: 0.619+/-0.027 χ^2/NDF:7252.8/39

Out: 0.662+/-0.028 χ^2/NDF:8121.7/44

All: 0.640+/-0.020 χ^2/NDF: 15375.7/84

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 18.147+/-0.039 χ^2/NDF:77805.7/24

Right Out: -2.291+/-0.083 χ^2/NDF: 922.0/19

Left In: 16.477+/-0.038 χ^2/NDF:41326.5/22

Left: 17.279+/-0.027 χ^2/NDF: 120078.9/47

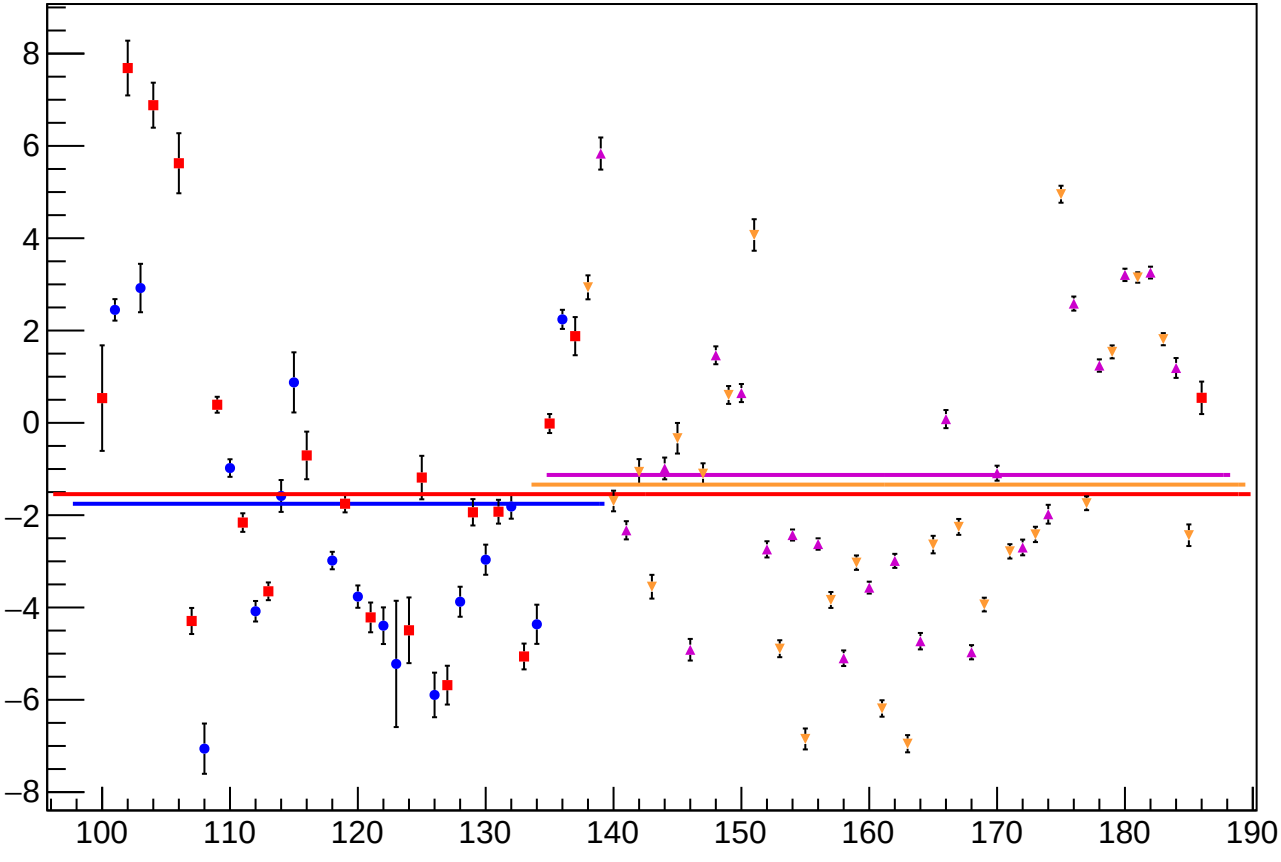
Right: -2.258+/-0.067 χ^2/NDF: 1383.4/36

In: 14.539+/-0.036 χ^2/NDF:67352.2/39

Out: 14.465+/-0.035 χ^2/NDF:127856.6/44

All: 14.502+/-0.025 χ^2/NDF: 195211.0/84

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -1.338+/-0.036 χ^2/NDF:7920.8/24

Right Out: -1.544+/-0.065 χ^2/NDF: 1524.0/19

Left In: -1.129+/-0.034 χ^2/NDF:6778.7/22

Left: -1.228+/-0.025 χ^2/NDF: 14717.3/47

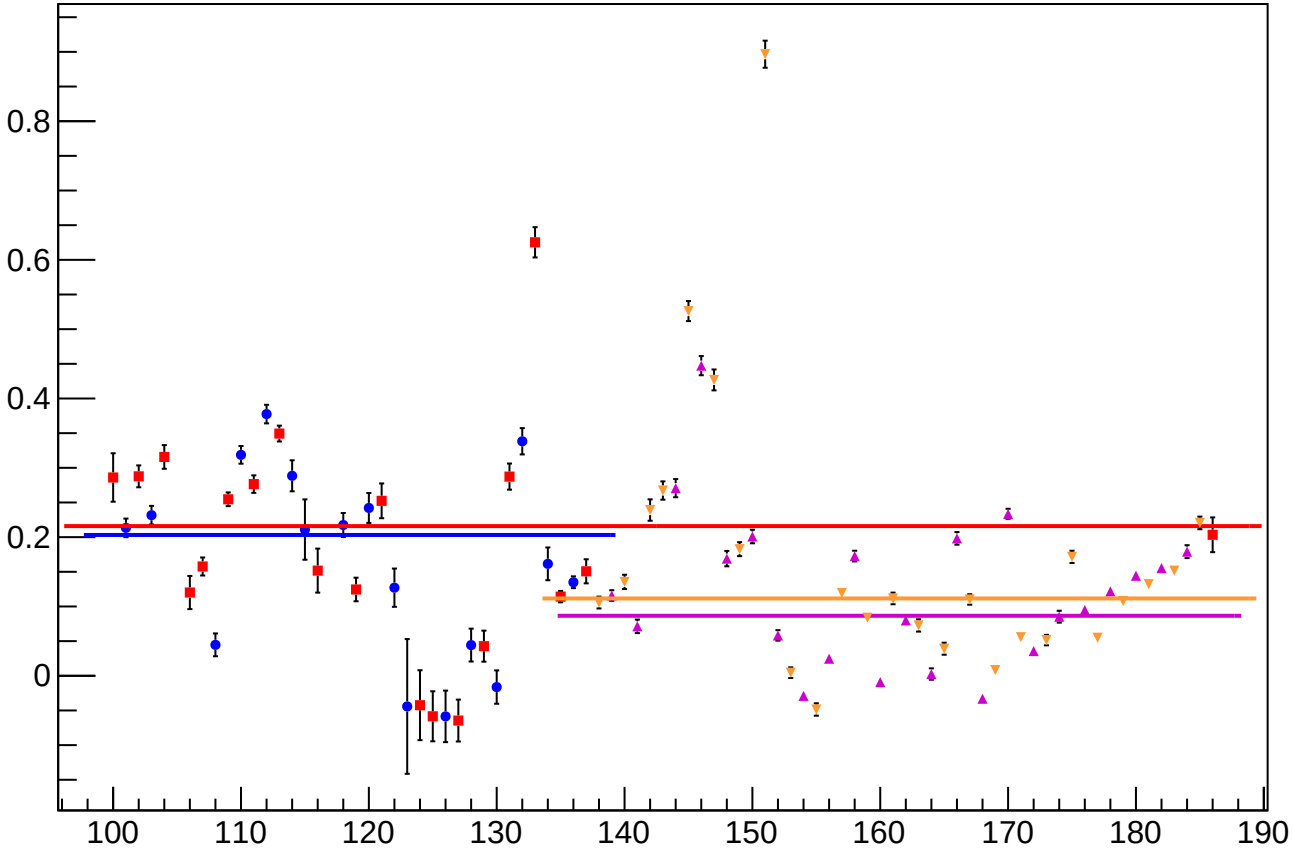
Right: -1.640+/-0.048 χ^2/NDF: 2873.8/36

In: -1.247+/-0.031 χ^2/NDF:8187.7/39

Out: -1.387+/-0.031 χ^2/NDF:9452.5/44

All: -1.315+/-0.022 χ^2/NDF: 17650.3/84

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.112+/-0.002 χ^2/NDF:4459.9/24

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.6/19

Left In: 0.087+/-0.001 χ^2/NDF:3661.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8251.0/47

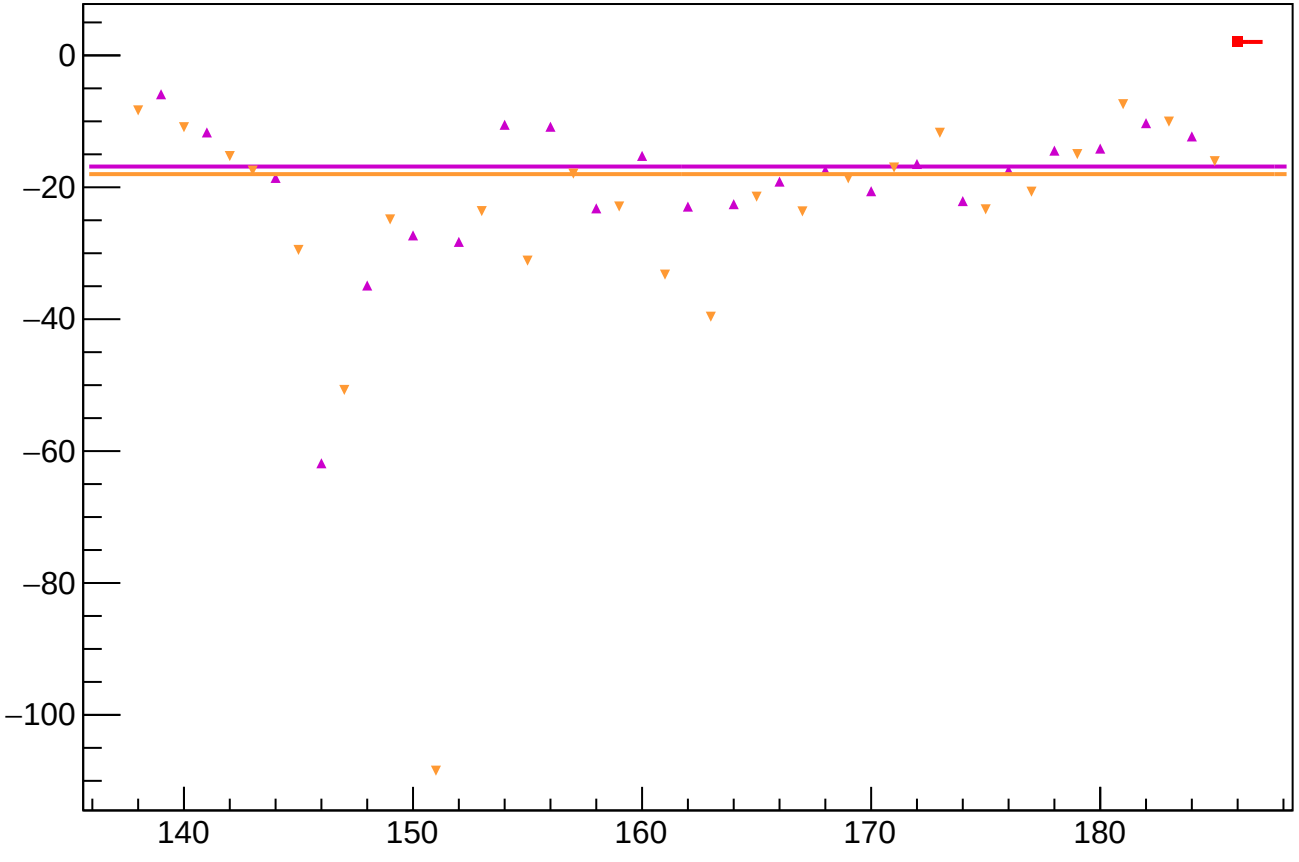
Right: 0.210+/-0.003 χ^2/NDF: 1750.1/36

In: 0.100+/-0.001 χ^2/NDF:5042.2/39

Out: 0.128+/-0.001 χ^2/NDF:6211.5/44

All: 0.114+/-0.001 χ^2/NDF: 11448.2/84

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -18.004+/-0.039 χ^2/NDF:88352.2/24

Right Out: 2.041+/-0.192 χ^2/NDF: 0.0/0

Left In: -16.854+/-0.038 χ^2/NDF:44680.7/22

Left: -17.415+/-0.027 χ^2/NDF: 133485.7/47

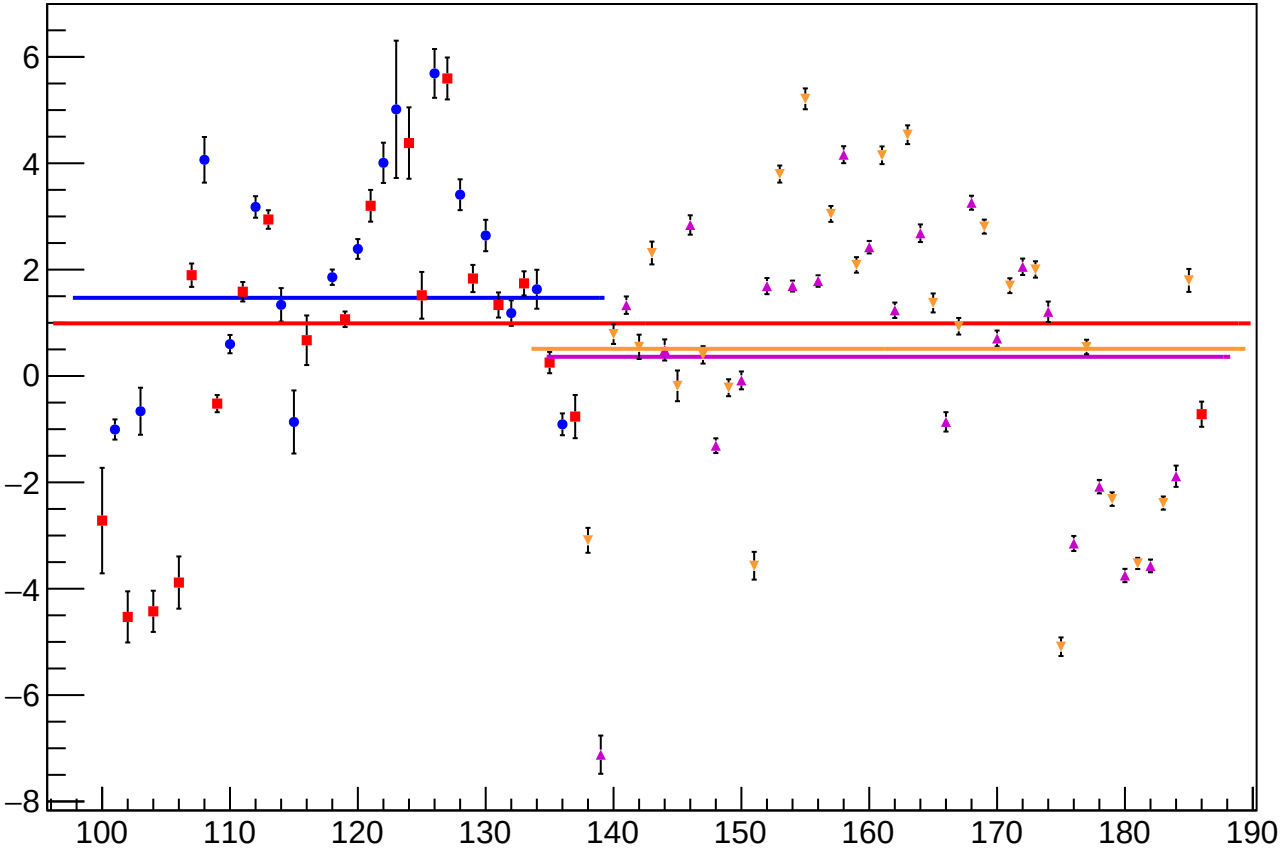
Right: 2.041+/-0.192 χ^2/NDF: 0.0/0

In: -16.854+/-0.038 χ^2/NDF:44680.7/22

Out: -17.221+/-0.038 χ^2/NDF:98843.6/25

All: -17.036+/-0.027 χ^2/NDF: 143571.3/48

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470+/-0.061 χ^2/NDF: 707.9/16

Left Out: 0.511+/-0.032 χ^2/NDF:7053.0/24

Right Out: 0.989+/-0.056 χ^2/NDF: 1007.3/19

Left In: 0.361+/-0.030 χ^2/NDF:6273.5/22

Left: 0.432+/-0.022 χ^2/NDF: 13338.0/47

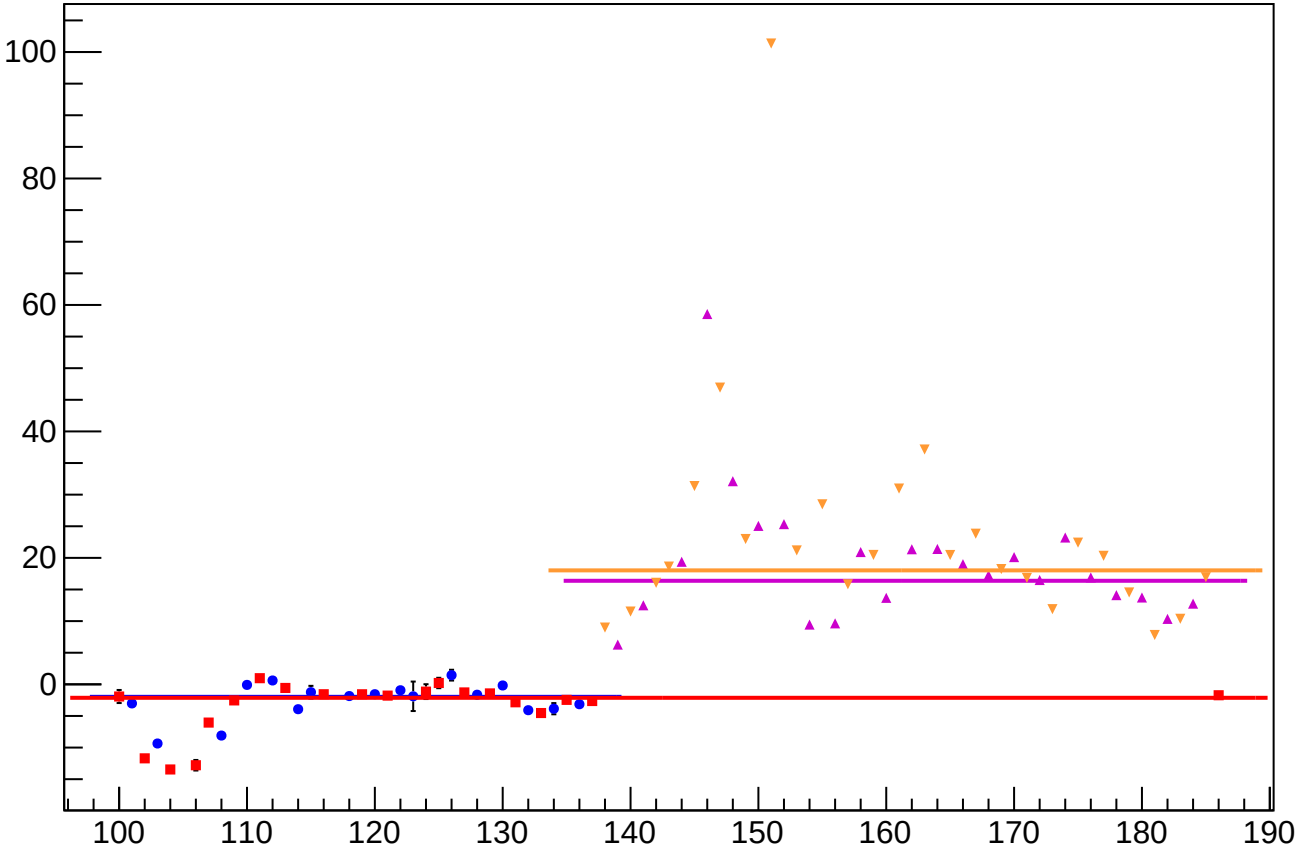
Right: 1.211+/-0.041 χ^2/NDF: 1748.8/36

In: 0.583+/-0.027 χ^2/NDF:7247.3/39

Out: 0.629+/-0.028 χ^2/NDF:8114.7/44

All: 0.606+/-0.019 χ^2/NDF: 15363.4/84

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 18.023+/-0.039 χ^2/NDF:77674.0/24

Right Out: -2.128+/-0.083 χ^2/NDF: 916.4/19

Left In: 16.377+/-0.037 χ^2/NDF:41253.5/22

Left: 17.168+/-0.027 χ^2/NDF: 119859.6/47

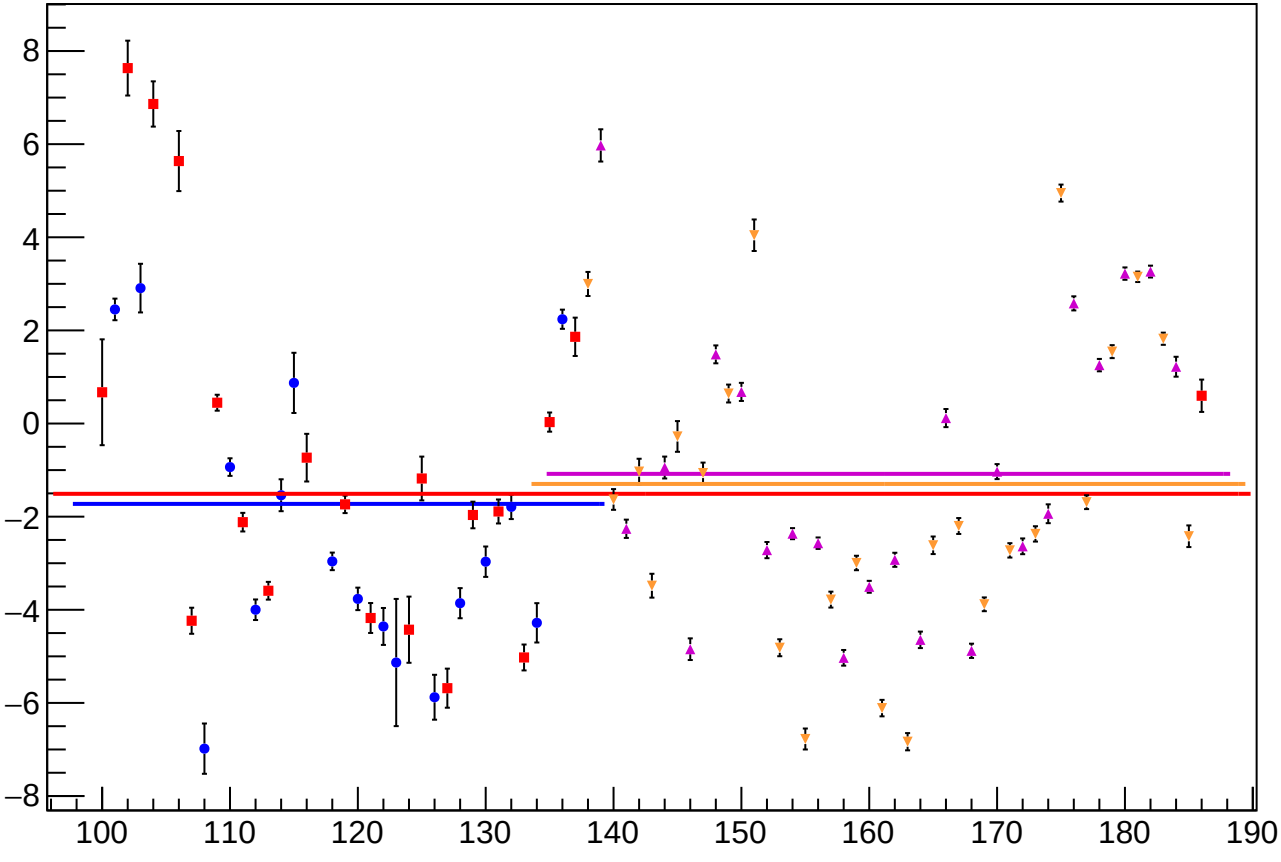
Right: -2.073+/-0.066 χ^2/NDF: 1381.4/36

In: 14.479+/-0.035 χ^2/NDF:66659.7/39

Out: 14.390+/-0.035 χ^2/NDF:127079.0/44

All: 14.434+/-0.025 χ^2/NDF: 193741.8/84

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -1.297+/-0.036 χ^2/NDF:7903.2/24

Right Out: -1.509+/-0.064 χ^2/NDF: 1531.0/19

Left In: -1.081+/-0.034 χ^2/NDF:6764.0/22

Left: -1.183+/-0.025 χ^2/NDF: 14686.6/47

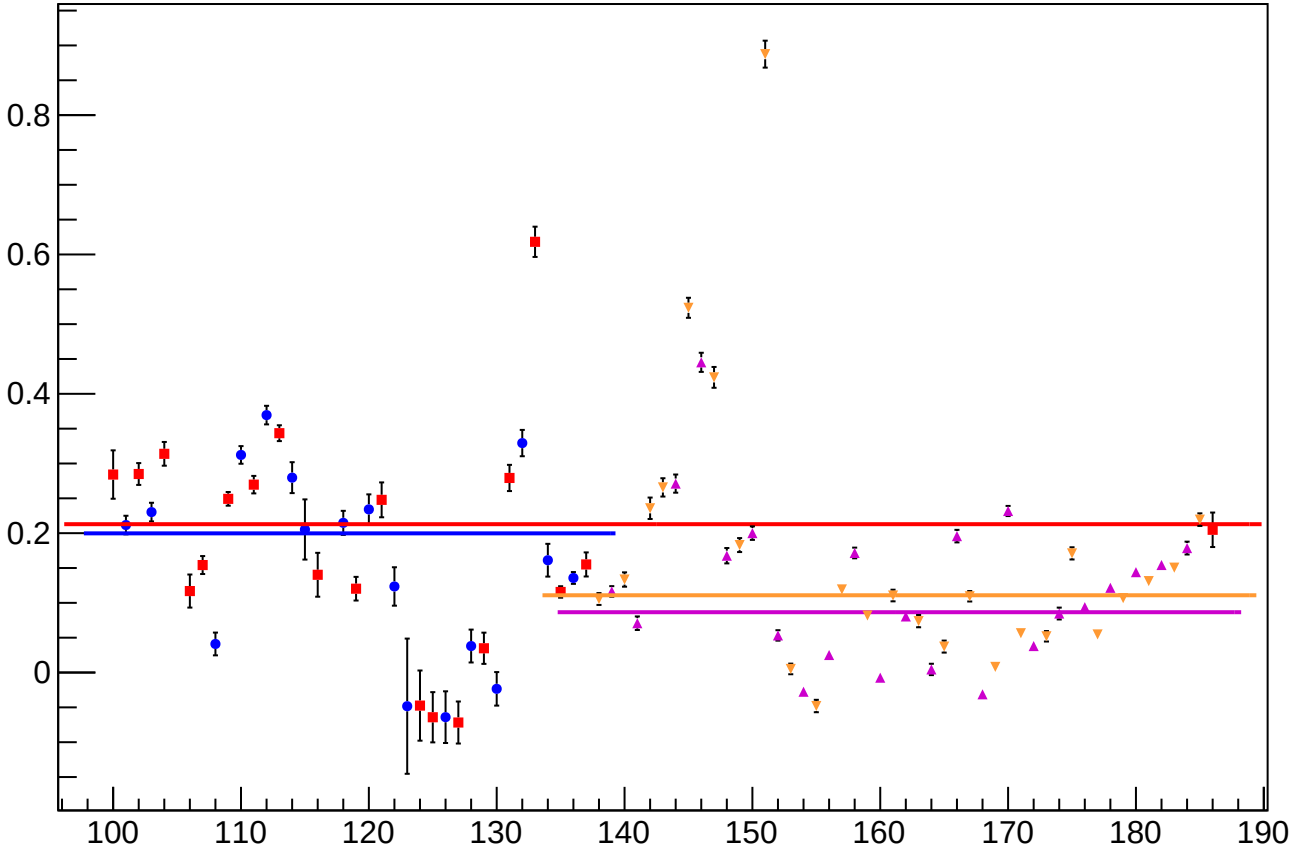
Right: -1.609+/-0.047 χ^2/NDF: 2877.6/36

In: -1.203+/-0.030 χ^2/NDF:8174.4/39

Out: -1.347+/-0.031 χ^2/NDF:9442.5/44

All: -1.273+/-0.022 χ^2/NDF: 17627.8/84

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.111+/-0.002 χ^2/NDF:4452.0/24

Right Out: 0.213+/-0.004 χ^2/NDF: 1051.0/19

Left In: 0.087+/-0.001 χ^2/NDF:3631.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8208.0/47

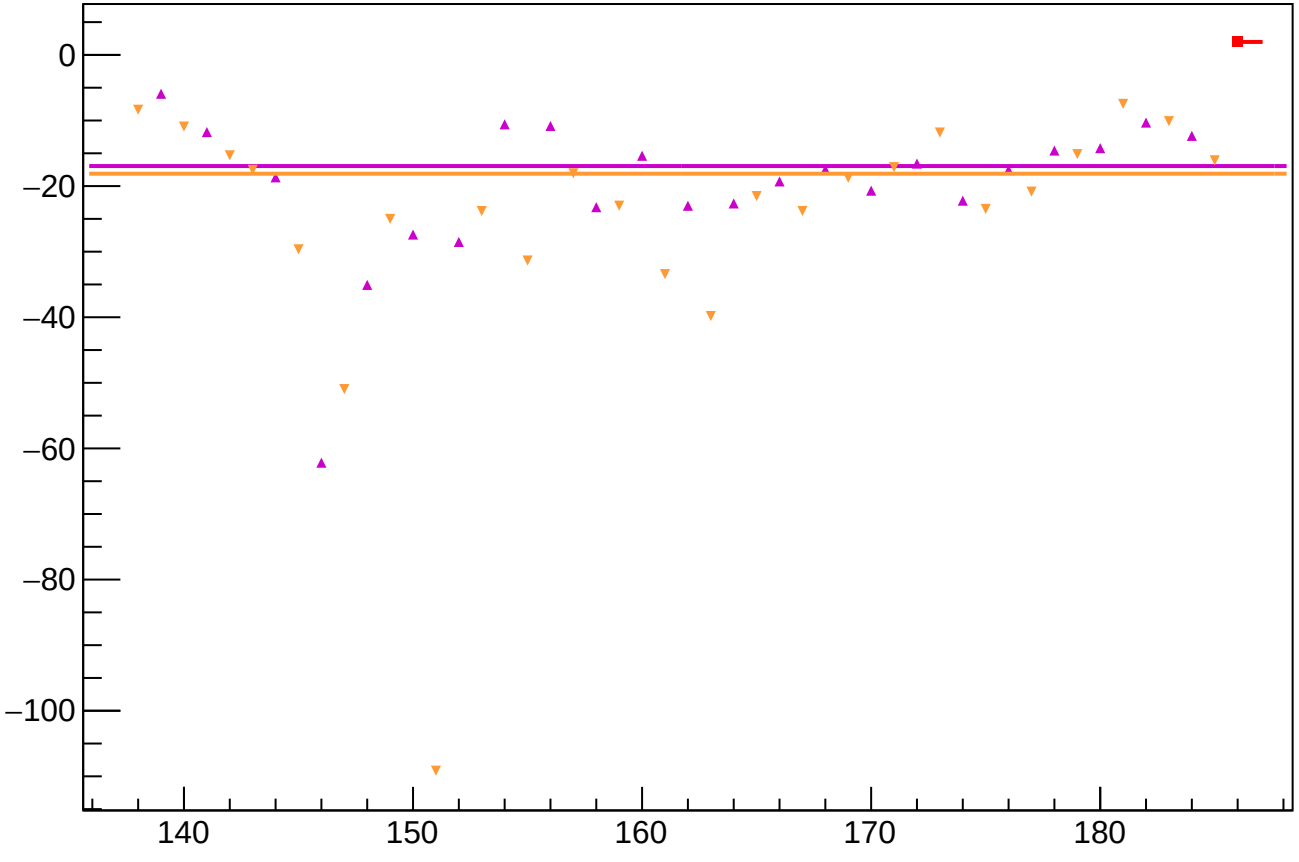
Right: 0.207+/-0.003 χ^2/NDF: 1719.2/36

In: 0.100+/-0.001 χ^2/NDF:4963.7/39

Out: 0.127+/-0.001 χ^2/NDF:6163.7/44

All: 0.113+/-0.001 χ^2/NDF: 11315.3/84

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -18.112+/-0.039 χ^2/NDF:88488.2/24

Right Out: 1.982+/-0.192 χ^2/NDF: 0.0/0

Left In: -16.945+/-0.038 χ^2/NDF:44756.2/22

Left: -17.514+/-0.027 χ^2/NDF: 133707.4/47

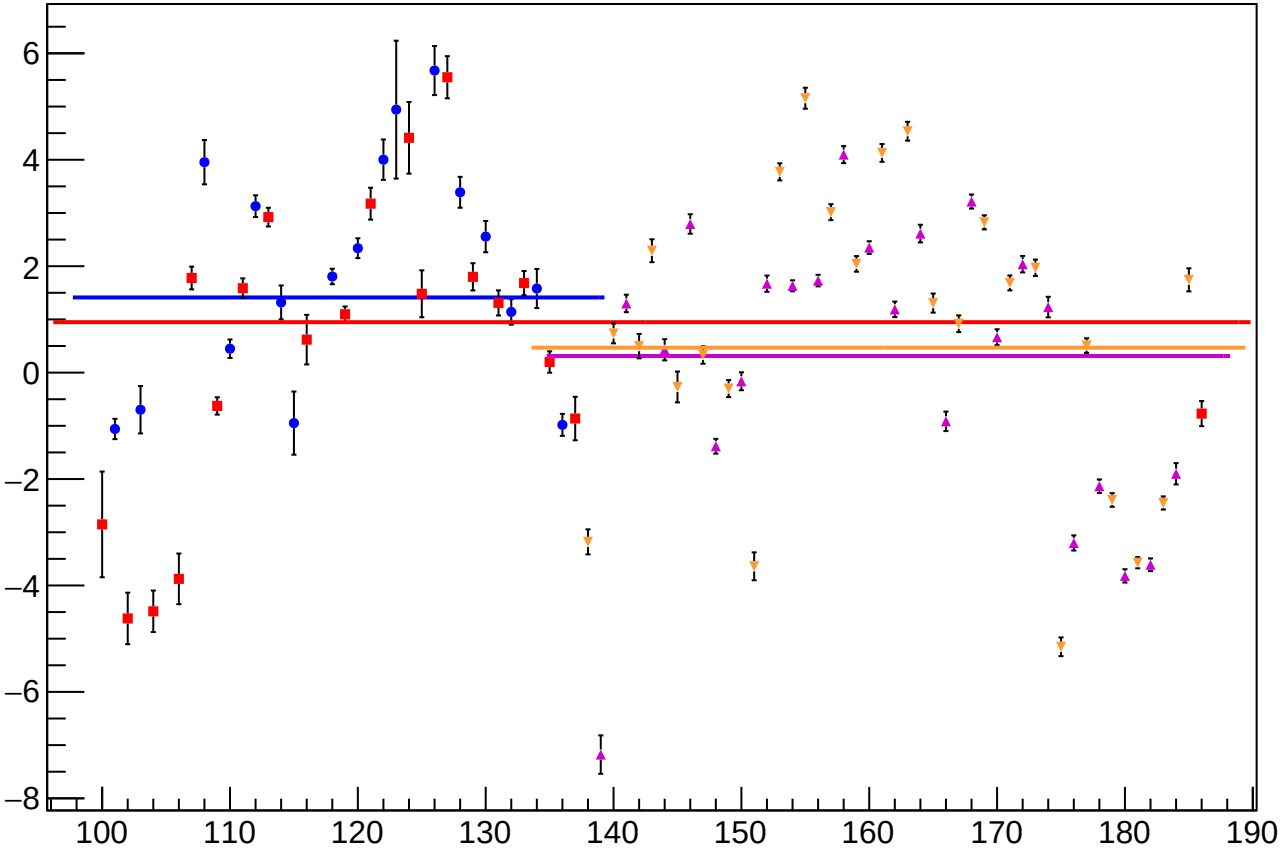
Right: 1.982+/-0.192 χ^2/NDF: 0.0/0

In: -16.945+/-0.038 χ^2/NDF:44756.2/22

Out: -17.318+/-0.038 χ^2/NDF:99060.2/25

All: -17.131+/-0.027 χ^2/NDF: 143864.9/48

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.413+/-0.061 χ^2/NDF: 713.9/16

Left Out: 0.469+/-0.032 χ^2/NDF:7076.8/24

Right Out: 0.948+/-0.056 χ^2/NDF: 1019.5/19

Left In: 0.313+/-0.031 χ^2/NDF:6235.0/22

Left: 0.386+/-0.022 χ^2/NDF: 13324.1/47

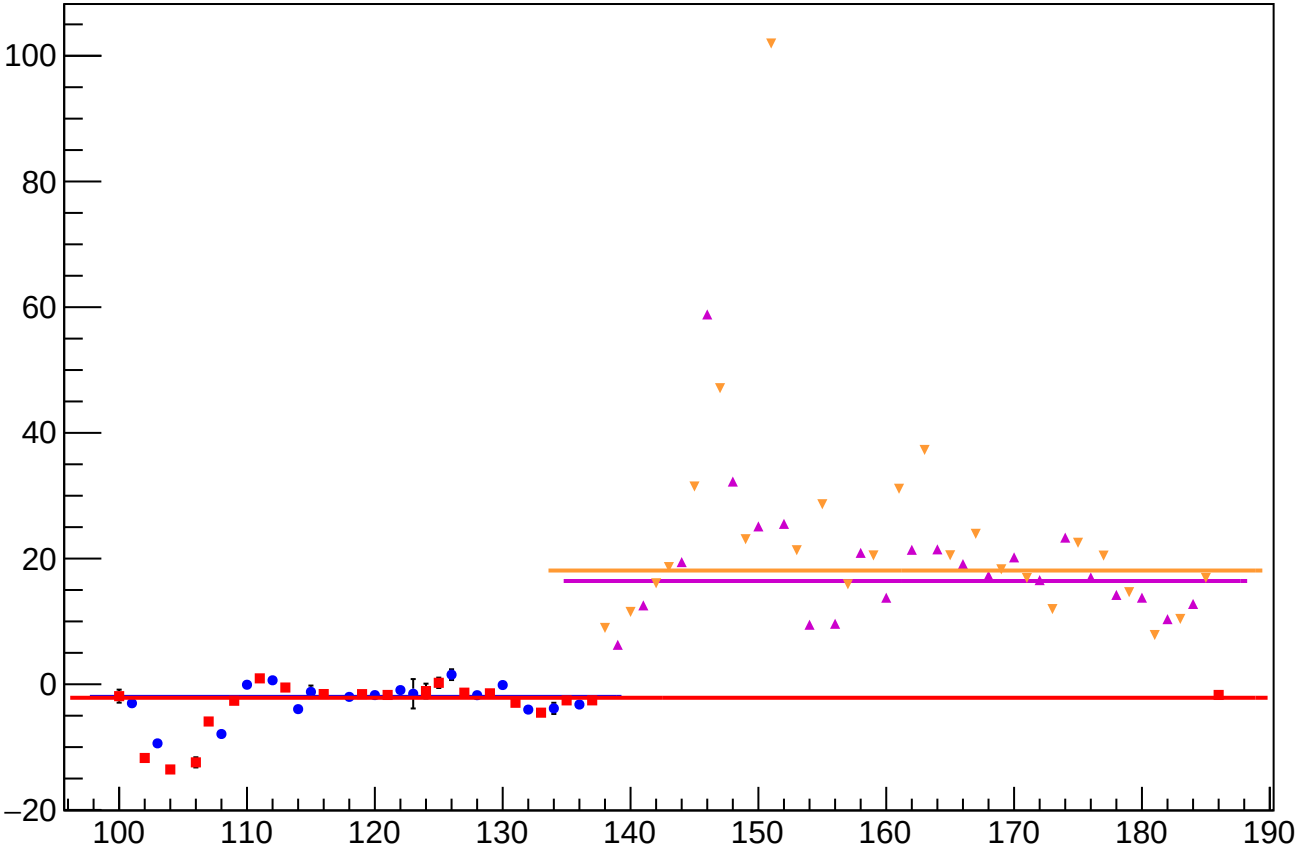
Right: 1.162+/-0.041 χ^2/NDF: 1764.5/36

In: 0.533+/-0.027 χ^2/NDF:7208.4/39

Out: 0.587+/-0.028 χ^2/NDF:8150.6/44

All: 0.559+/-0.020 χ^2/NDF: 15360.9/84

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 18.098+/-0.039 χ^2/NDF:77793.7/24

Right Out: -2.149+/-0.083 χ^2/NDF: 913.4/19

Left In: 16.431+/-0.038 χ^2/NDF:41337.1/22

Left: 17.232+/-0.027 χ^2/NDF: 120078.5/47

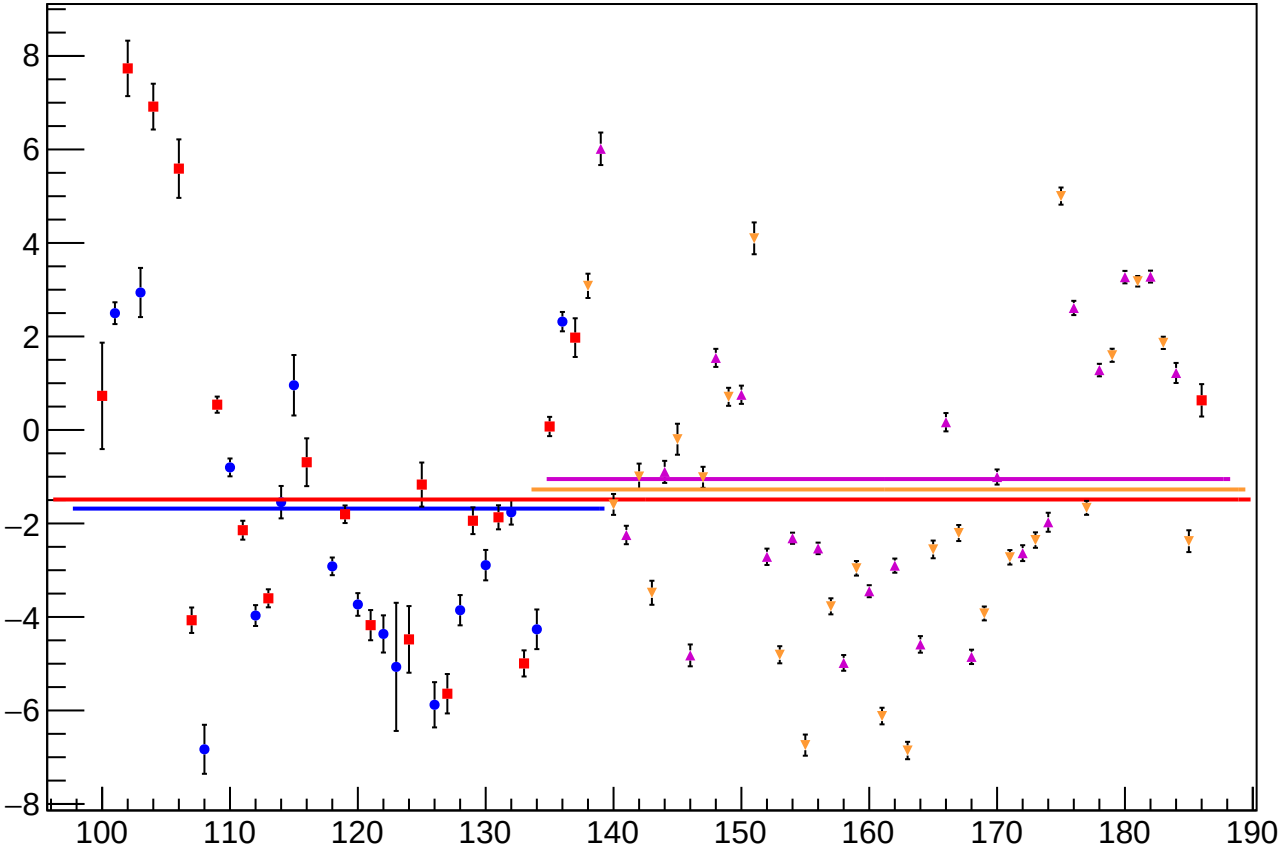
Right: -2.098+/-0.066 χ^2/NDF: 1377.8/36

In: 14.529+/-0.036 χ^2/NDF:66713.5/39

Out: 14.440+/-0.035 χ^2/NDF:127340.4/44

All: 14.484+/-0.025 χ^2/NDF: 194057.1/84

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -1.273+/-0.036 χ^2/NDF:7931.0/24

Right Out: -1.487+/-0.064 χ^2/NDF: 1543.5/19

Left In: -1.050+/-0.034 χ^2/NDF:6713.0/22

Left: -1.156+/-0.025 χ^2/NDF: 14664.3/47

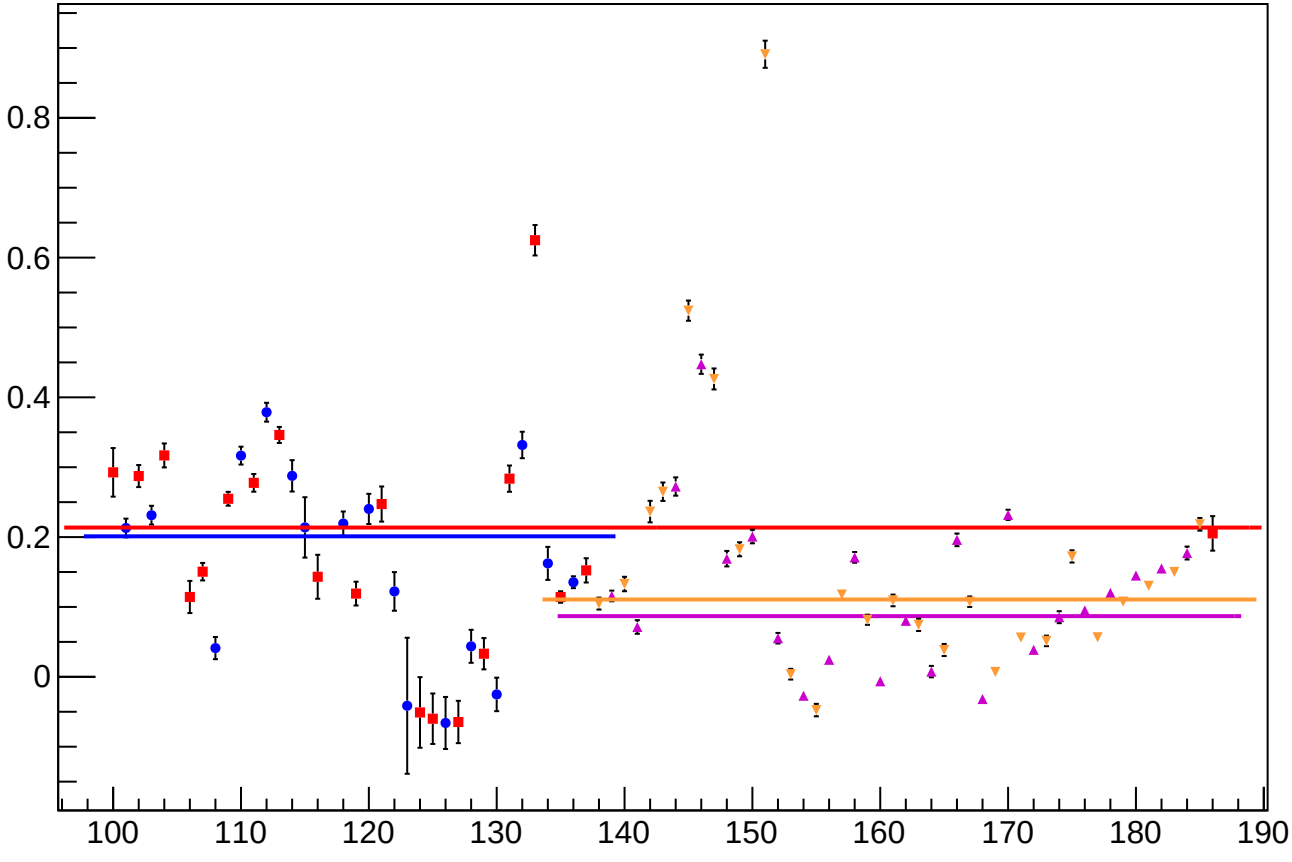
Right: -1.576+/-0.048 χ^2/NDF: 2895.6/36

In: -1.170+/-0.031 χ^2/NDF:8126.3/39

Out: -1.324+/-0.031 χ^2/NDF:9483.0/44

All: -1.245+/-0.022 χ^2/NDF: 17621.6/84

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.111+/-0.002 χ^2/NDF:4430.3/24

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.3/19

Left In: 0.087+/-0.001 χ^2/NDF:3604.3/22

Left: 0.098+/-0.001 χ^2/NDF: 8153.0/47

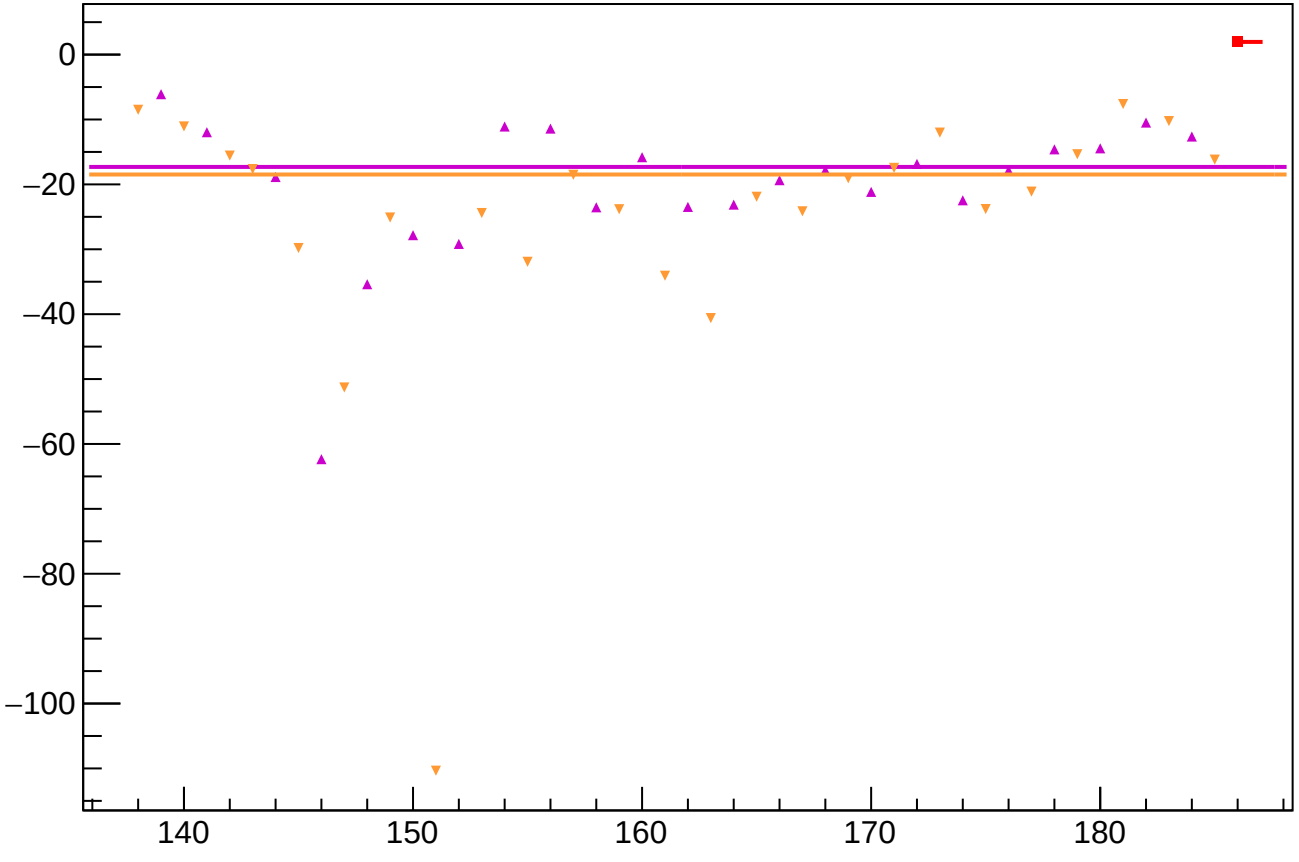
Right: 0.208+/-0.003 χ^2/NDF: 1779.8/36

In: 0.100+/-0.001 χ^2/NDF:4972.9/39

Out: 0.127+/-0.001 χ^2/NDF:6183.5/44

All: 0.113+/-0.001 χ^2/NDF: 11337.3/84

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -18.478+/-0.040 χ^2/NDF:87856.5/24

Right Out: 1.954+/-0.192 χ^2/NDF: 0.0/0

Left In: -17.309+/-0.039 χ^2/NDF:43807.0/22

Left: -17.879+/-0.028 χ^2/NDF: 132106.2/47

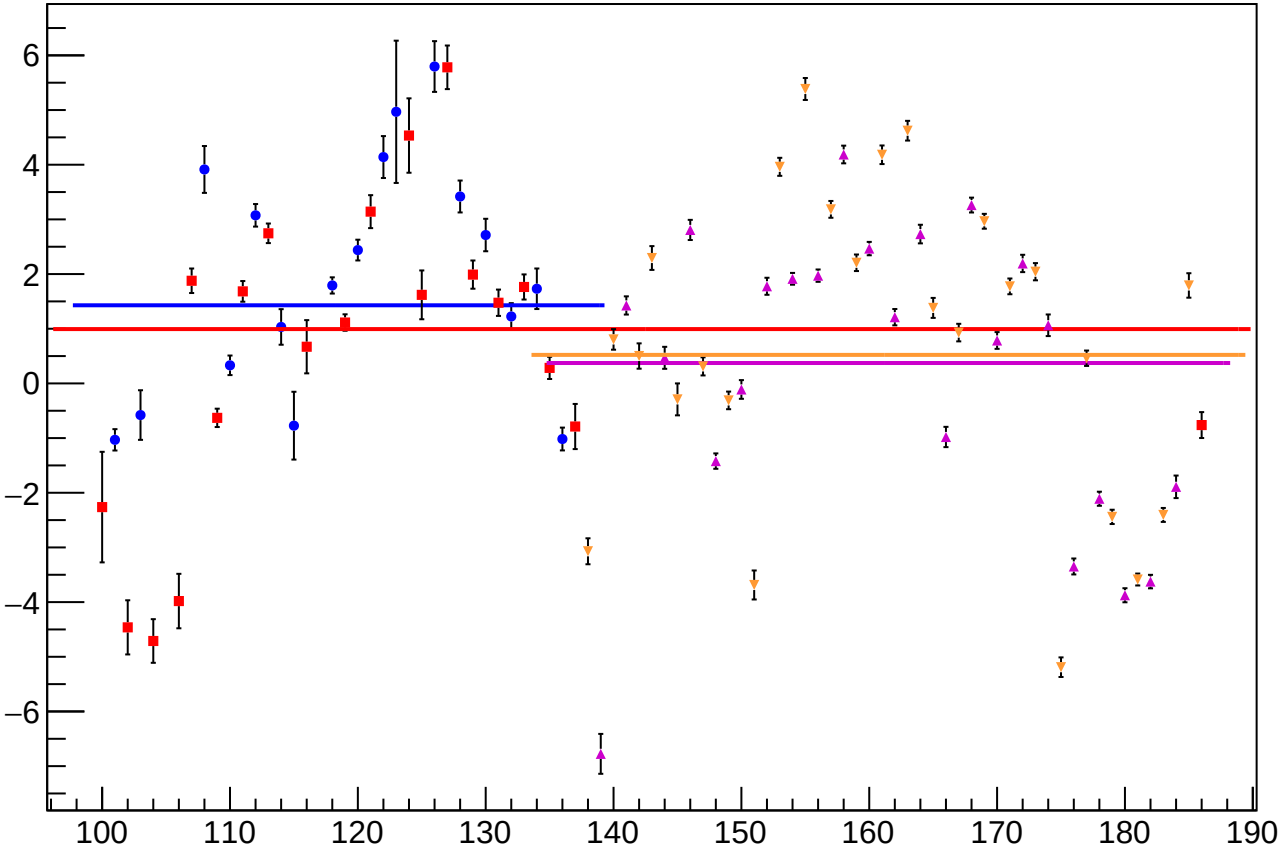
Right: 1.954+/-0.192 χ^2/NDF: 0.0/0

In: -17.309+/-0.039 χ^2/NDF:43807.0/22

Out: -17.641+/-0.039 χ^2/NDF:98675.6/25

All: -17.475+/-0.027 χ^2/NDF: 142519.1/48

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429+/-0.062 χ^2/NDF: 711.4/16

Left Out: 0.522+/-0.033 χ^2/NDF:7038.3/24

Right Out: 0.994+/-0.058 χ^2/NDF: 994.8/19

Left In: 0.373+/-0.031 χ^2/NDF:6263.9/22

Left: 0.443+/-0.023 χ^2/NDF: 13312.8/47

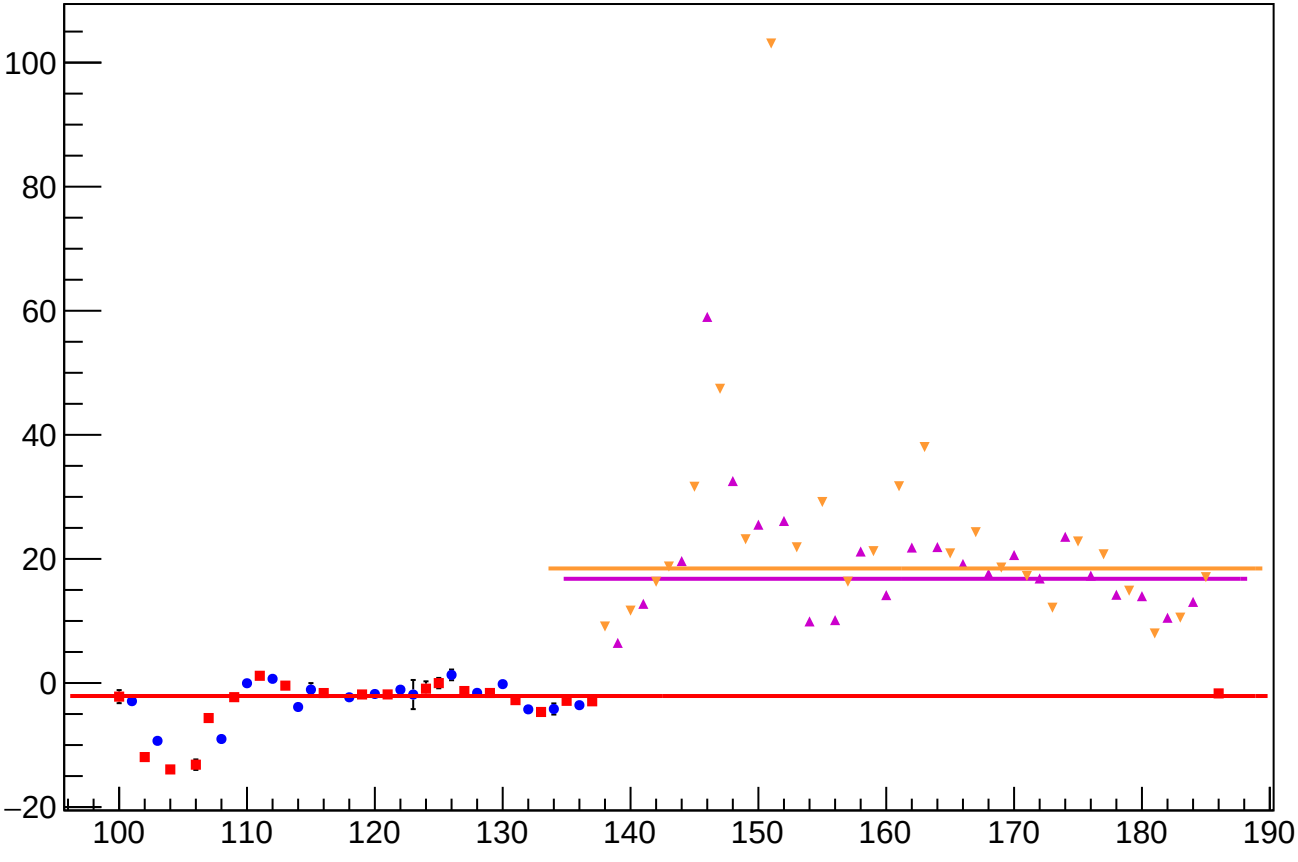
Right: 1.195+/-0.042 χ^2/NDF: 1732.6/36

In: 0.587+/-0.028 χ^2/NDF:7205.4/39

Out: 0.639+/-0.029 χ^2/NDF:8083.7/44

All: 0.612+/-0.020 χ^2/NDF: 15290.7/84

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 18.463+/-0.040 χ^2/NDF:77193.5/24

Right Out: -2.097+/-0.084 χ^2/NDF: 929.2/19

Left In: 16.798+/-0.038 χ^2/NDF:40258.9/22

Left: 17.599+/-0.028 χ^2/NDF: 118354.8/47

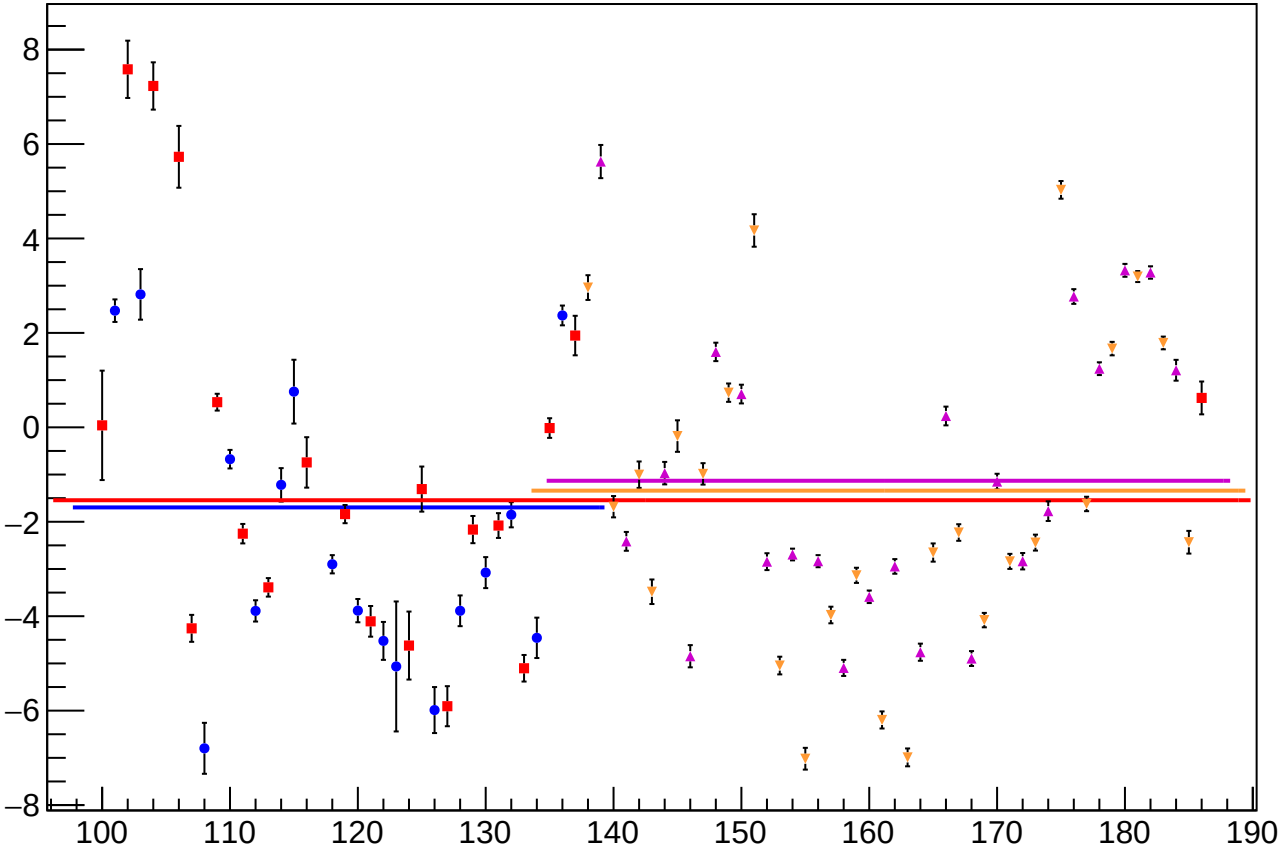
Right: -2.096+/-0.068 χ^2/NDF: 1415.7/36

In: 14.827+/-0.036 χ^2/NDF:65963.3/39

Out: 14.706+/-0.036 χ^2/NDF:126572.6/44

All: 14.766+/-0.026 χ^2/NDF: 192541.5/84

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -1.341+/-0.037 χ^2/NDF:7886.0/24

Right Out: -1.544+/-0.066 χ^2/NDF: 1507.6/19

Left In: -1.132+/-0.035 χ^2/NDF:6743.4/22

Left: -1.231+/-0.025 χ^2/NDF: 14646.5/47

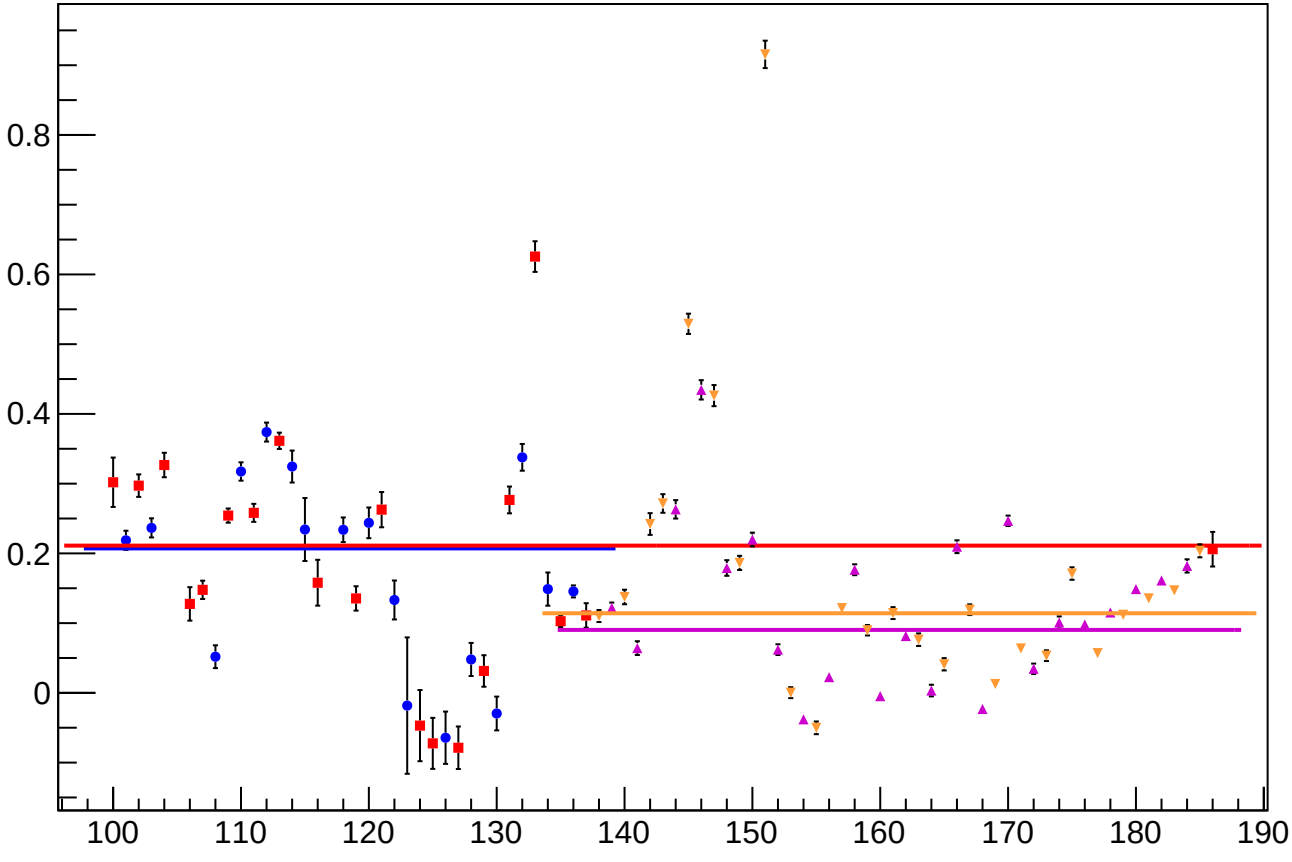
Right: -1.614+/-0.048 χ^2/NDF: 2843.4/36

In: -1.240+/-0.031 χ^2/NDF:8127.0/39

Out: -1.389+/-0.032 χ^2/NDF:9400.9/44

All: -1.313+/-0.022 χ^2/NDF: 17539.0/84

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.114+/-0.002 χ^2/NDF:4382.5/24

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/19

Left In: 0.090+/-0.002 χ^2/NDF:3679.2/22

Left: 0.101+/-0.001 χ^2/NDF: 8175.2/47

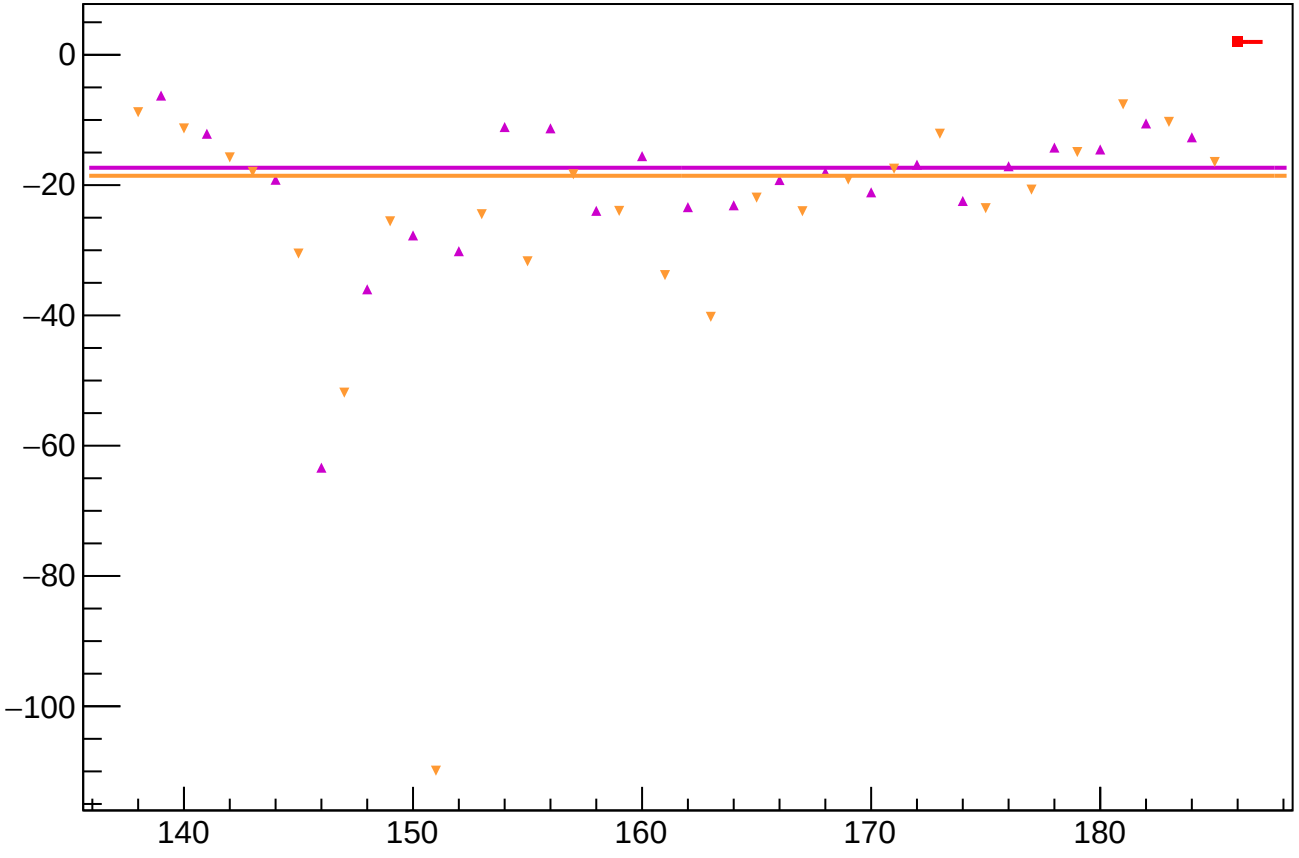
Right: 0.209+/-0.003 χ^2/NDF: 1802.5/36

In: 0.104+/-0.001 χ^2/NDF:5019.2/39

Out: 0.130+/-0.001 χ^2/NDF:6099.2/44

All: 0.116+/-0.001 χ^2/NDF: 11274.6/84

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -18.565+/-0.040 χ^2/NDF:86349.5/24

Right Out: 1.981+/-0.193 χ^2/NDF: 0.0/0

Left In: -17.335+/-0.039 χ^2/NDF:44078.7/22

Left: -17.934+/-0.028 χ^2/NDF: 130909.9/47

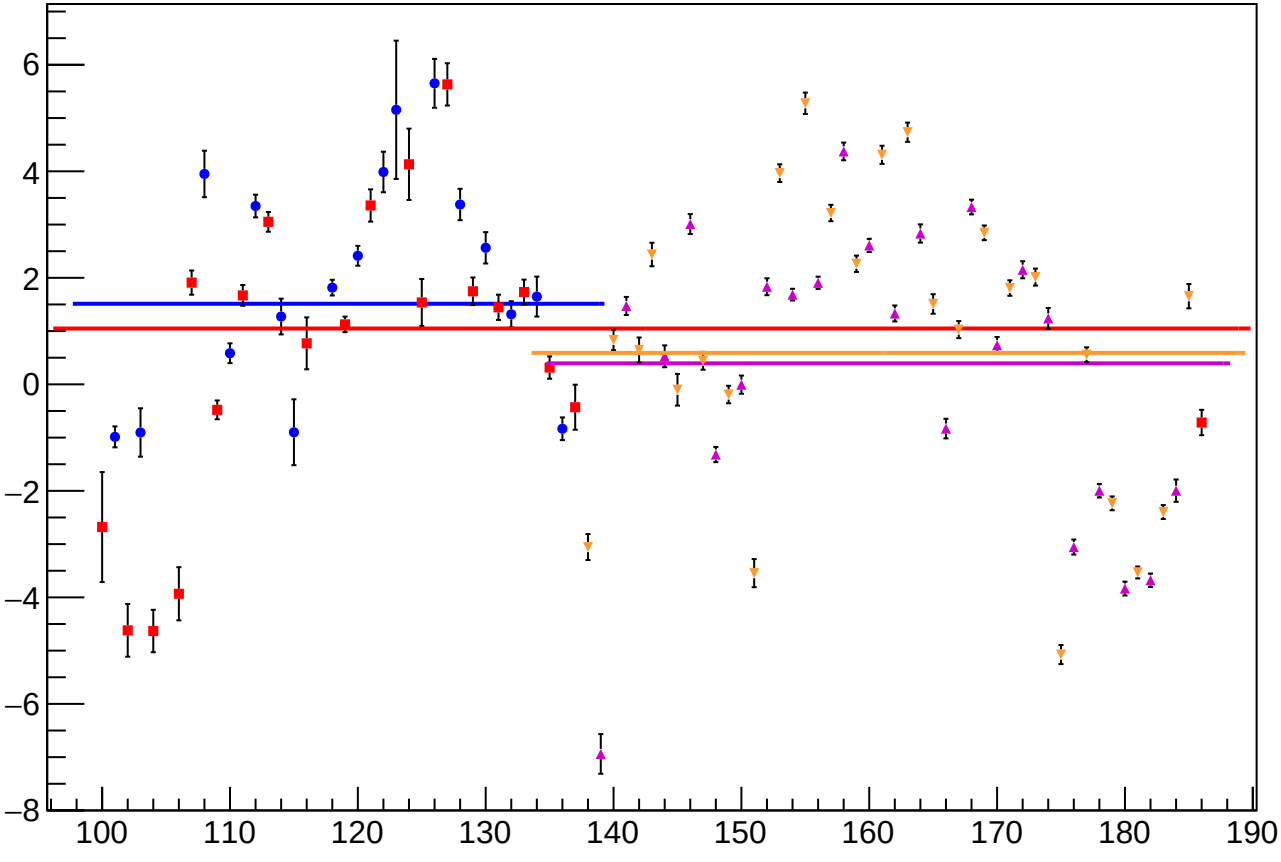
Right: 1.981+/-0.193 χ^2/NDF: 0.0/0

In: -17.335+/-0.039 χ^2/NDF:44078.7/22

Out: -17.716+/-0.039 χ^2/NDF:97175.6/25

All: -17.525+/-0.028 χ^2/NDF: 141301.6/48

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.513+/-0.063 χ^2/NDF: 669.7/16

Left Out: 0.590+/-0.033 χ^2/NDF:6780.3/24

Right Out: 1.048+/-0.058 χ^2/NDF: 975.3/19

Left In: 0.394+/-0.032 χ^2/NDF:6112.7/22

Left: 0.487+/-0.023 χ^2/NDF: 12911.2/47

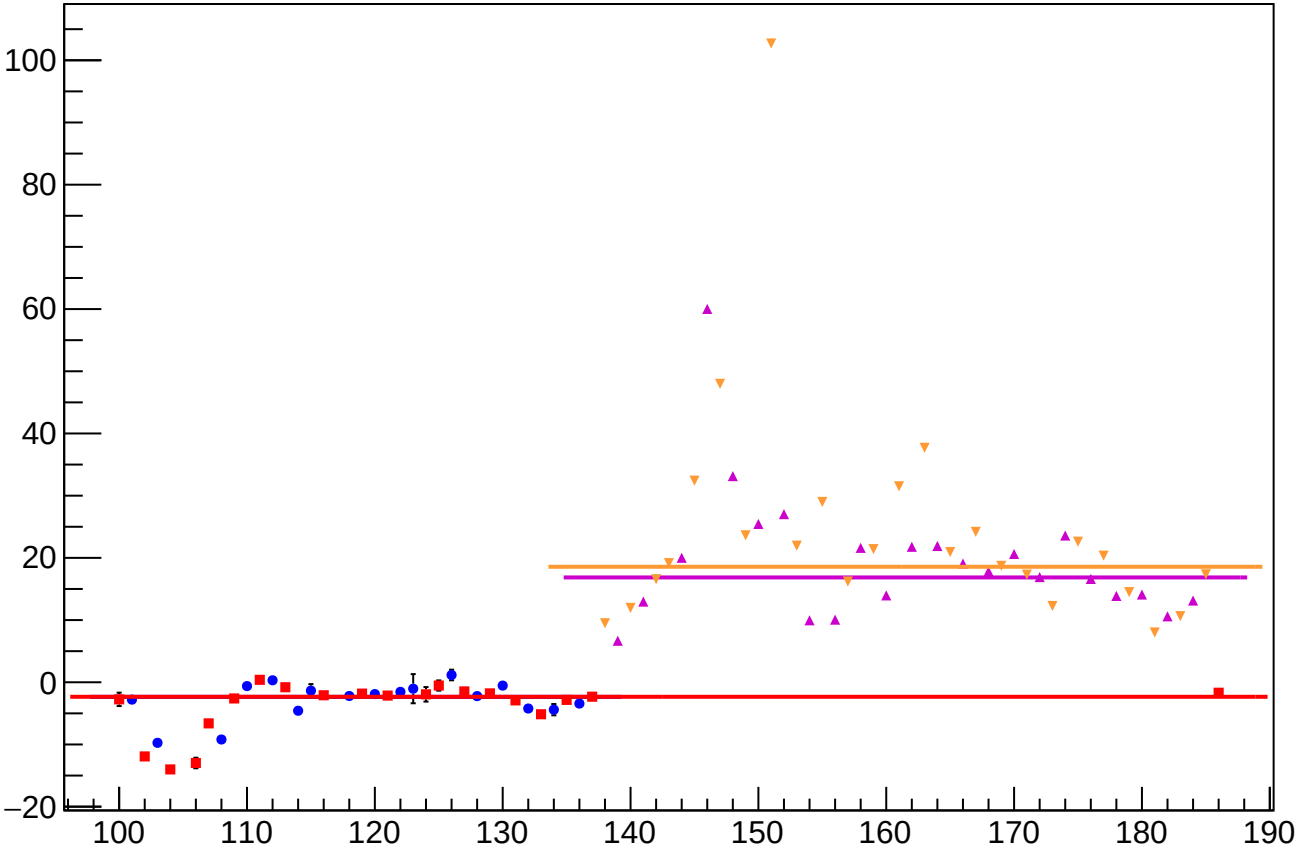
Right: 1.263+/-0.043 χ^2/NDF: 1674.5/36

In: 0.621+/-0.028 χ^2/NDF:7036.2/39

Out: 0.703+/-0.029 χ^2/NDF:7802.1/44

All: 0.661+/-0.020 χ^2/NDF: 14842.4/84

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 18.569+/-0.040 χ^2/NDF:75983.2/24

Right Out: -2.334+/-0.086 χ^2/NDF: 866.1/19

Left In: 16.854+/-0.039 χ^2/NDF:40590.0/22

Left: 17.679+/-0.028 χ^2/NDF: 117514.0/47

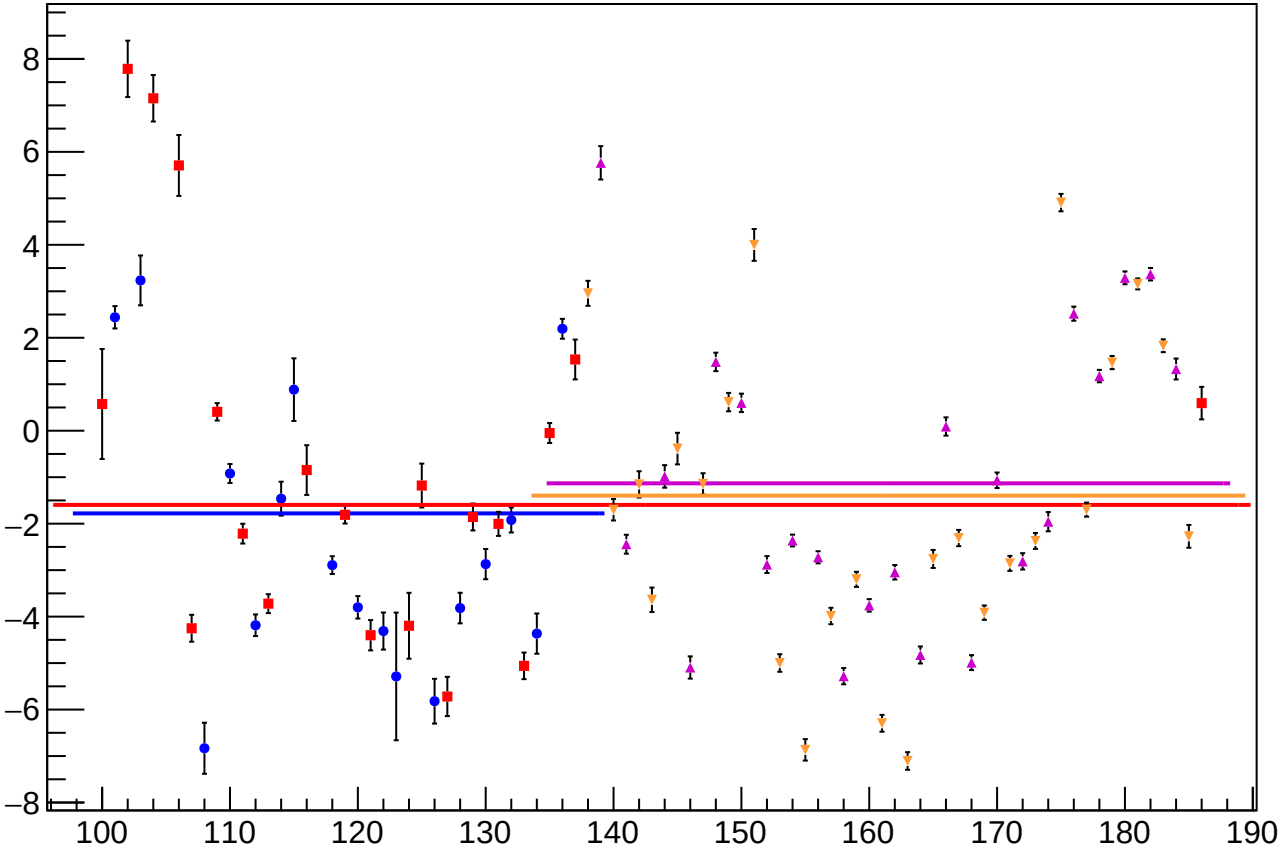
Right: -2.340+/-0.069 χ^2/NDF: 1305.8/36

In: 14.873+/-0.037 χ^2/NDF:66345.5/39

Out: 14.796+/-0.036 χ^2/NDF:125413.5/44

All: 14.834+/-0.026 χ^2/NDF: 191761.2/84

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -1.397+/-0.037 χ^2/NDF:7631.3/24

Right Out: -1.596+/-0.067 χ^2/NDF: 1470.3/19

Left In: -1.132+/-0.035 χ^2/NDF:6638.3/22

Left: -1.258+/-0.025 χ^2/NDF: 14296.5/47

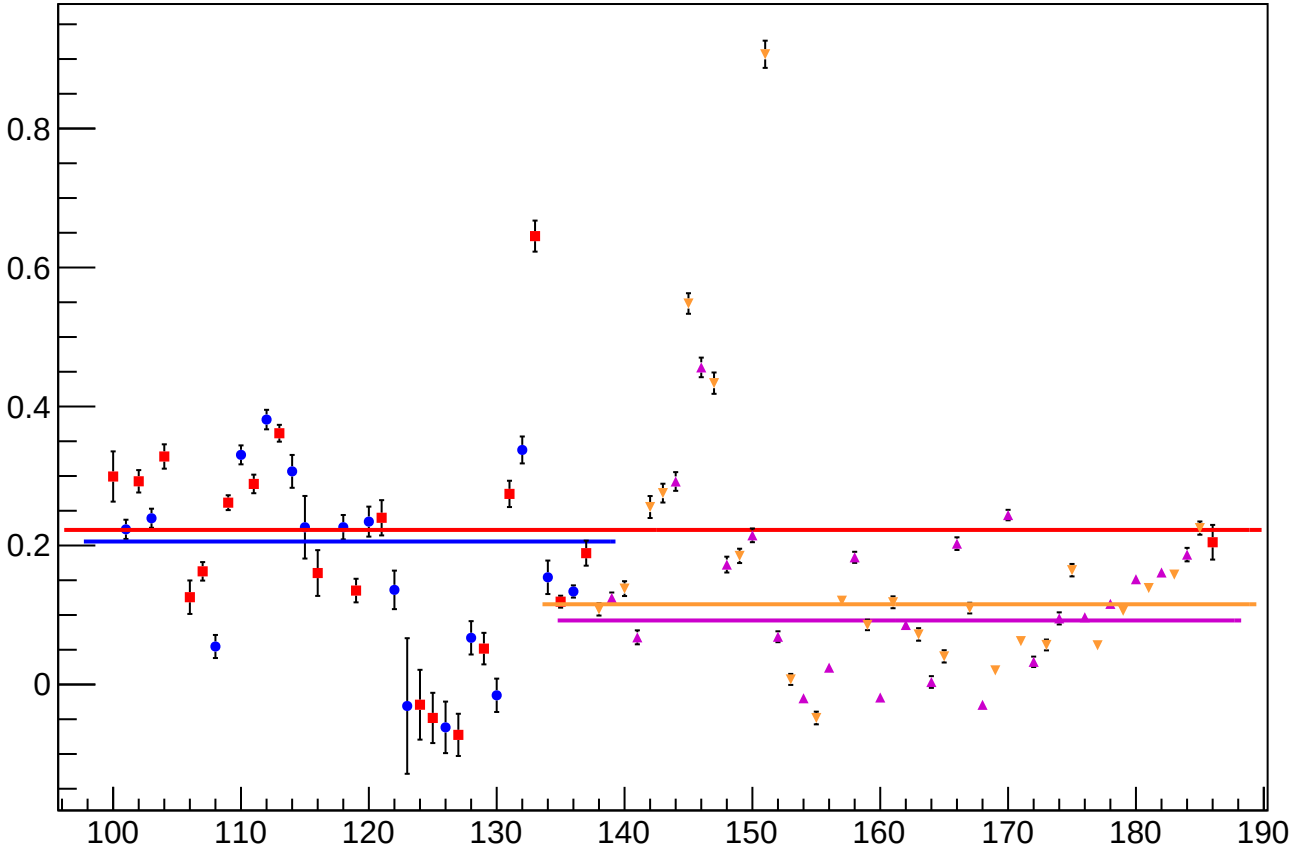
Right: -1.680+/-0.049 χ^2/NDF: 2745.8/36

In: -1.256+/-0.032 χ^2/NDF:7975.2/39

Out: -1.443+/-0.032 χ^2/NDF:9108.4/44

All: -1.347+/-0.023 χ^2/NDF: 17100.8/84

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.115+/-0.002 χ^2/NDF:4423.4/24

Right Out: 0.222+/-0.004 χ^2/NDF: 1042.7/19

Left In: 0.092+/-0.002 χ^2/NDF:3632.6/22

Left: 0.103+/-0.001 χ^2/NDF: 8162.4/47

Right: 0.215+/-0.003 χ^2/NDF: 1703.0/36

In: 0.105+/-0.001 χ^2/NDF:4914.0/39

Out: 0.133+/-0.002 χ^2/NDF:6135.4/44

All: 0.118+/-0.001 χ^2/NDF: 11217.2/84