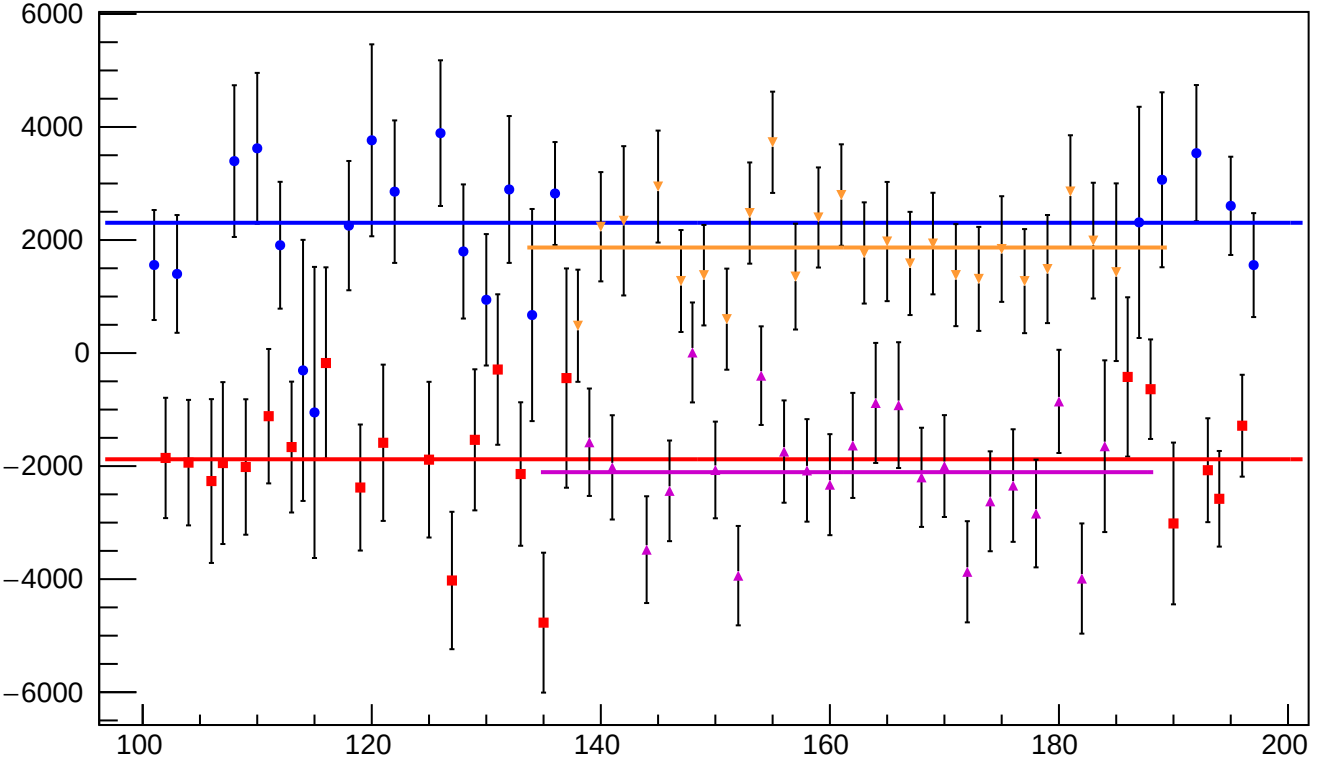
dit_asym_us_avg_mean vs Slug



Right In: 2305.085+/-267.719 χ^2/NDF: 13.4/20

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

Right Out: -1879.017+/-245.994 χ^2/NDF: 17.3/22

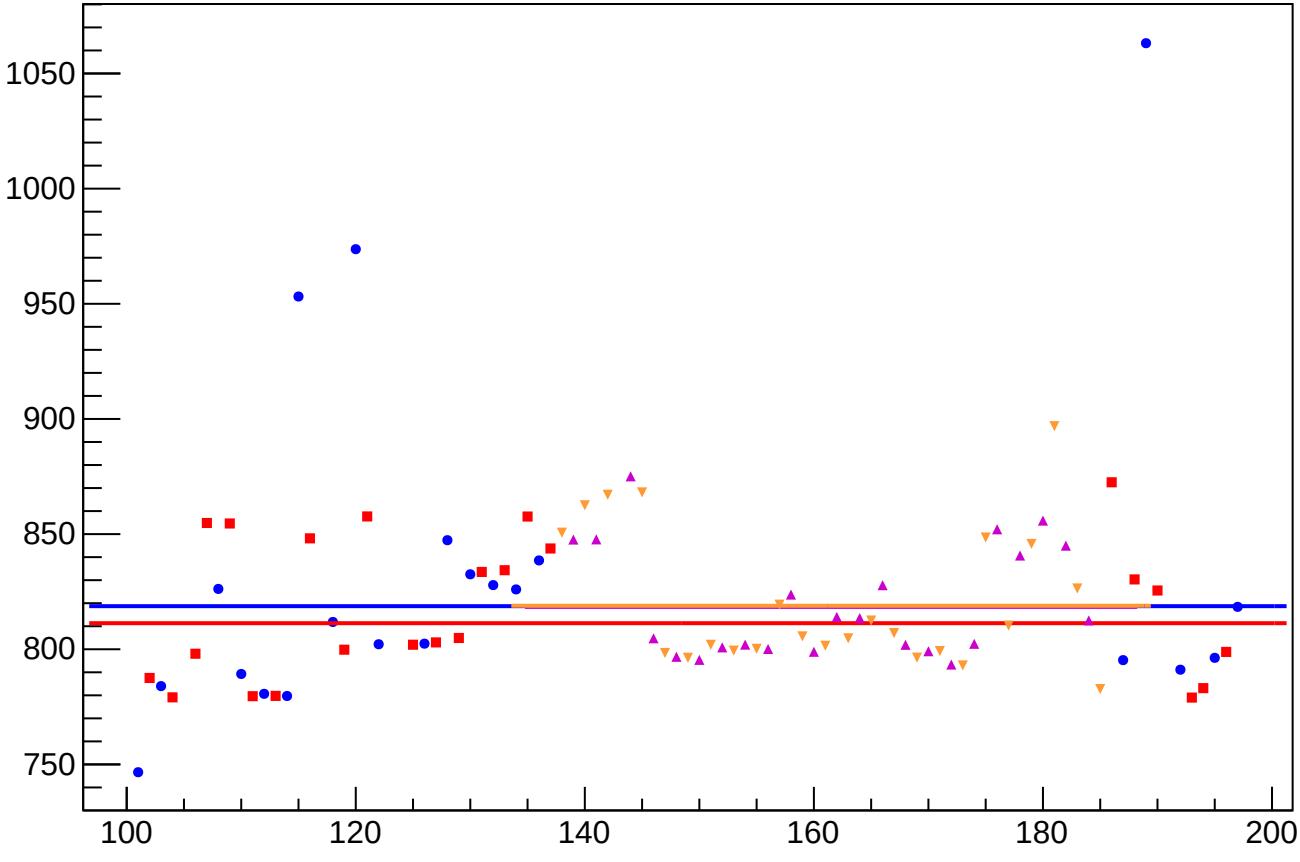
Left In: -2107.246+/-194.959 χ^2/NDF:30.0/22

+ sign 2018.987+/-157.516 χ^2/NDF: 30.3/44

All: -61.559+/-109.672 χ^2/NDF: 416.7/90

- sign -2019.197+/-152.792 χ^2/NDF: 47.8/45

dit_asym_us_avg_rms vs Slug



Right In: 818.717+/-0.189 χ^2/NDF: 95023.4/20

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

Right Out: 811.326+/-0.174 χ^2/NDF: 28406.1/22

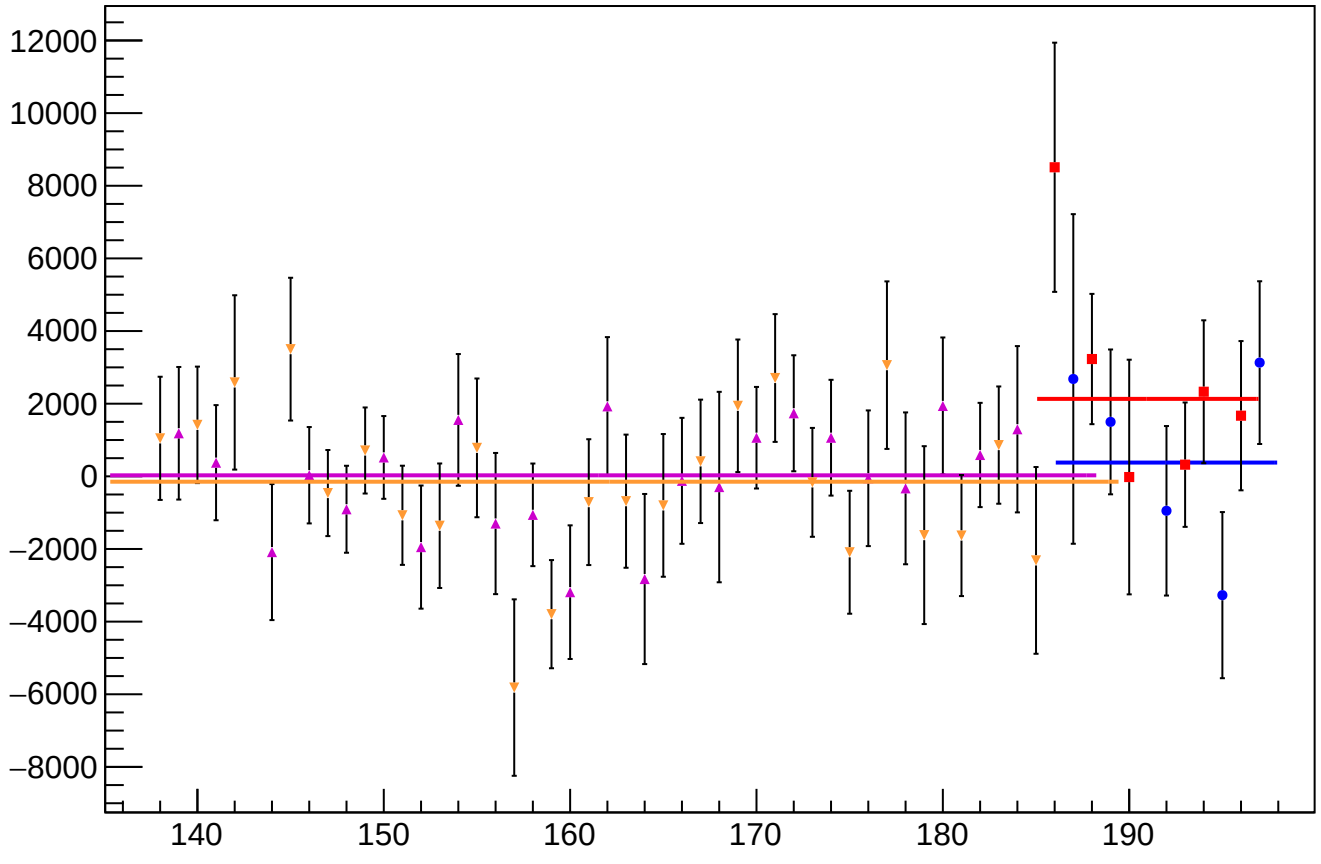
Left In: 818.403+/-0.138 χ^2/NDF:29907.0/22

+ sign 818.837+/-0.111 χ^2/NDF: 136694.9/44

All: 817.207+/-0.078 χ^2/NDF: 196440.4/90

- sign 815.673+/-0.108 χ^2/NDF: 59329.7/45

asym_us_avg_correction_mean vs Slug



Right In: 379.020+/-1069.537 χ^2/NDF: 5.0/4

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

Right Out: 2132.417+/-867.670 χ^2/NDF: 5.5/5

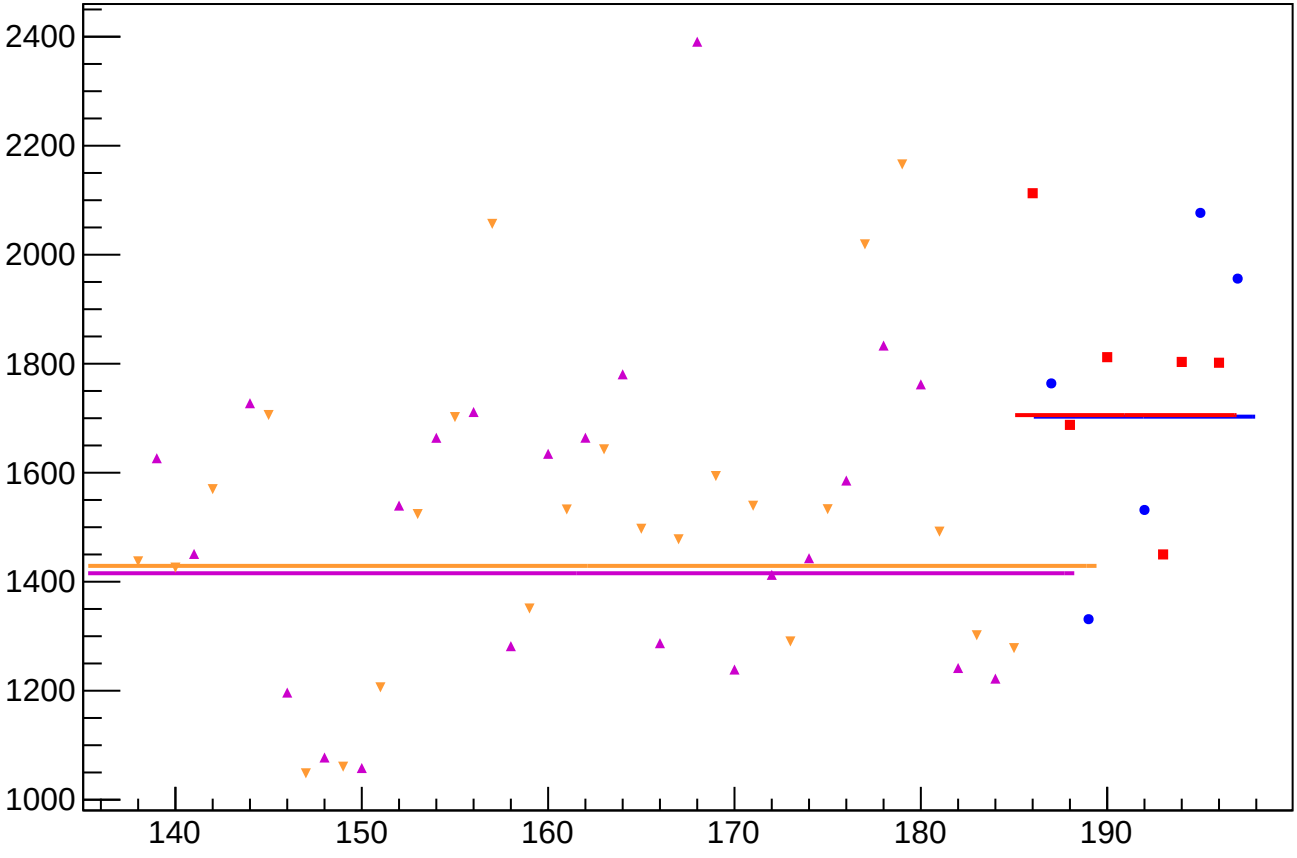
Left In: 27.722+/-344.229 χ^2/NDF:14.8/22

+ sign -97.489+/-330.709 χ^2/NDF: 34.5/28

All: 115.014+/-229.955 χ^2/NDF: 60.6/57

- sign 313.939+/-319.968 χ^2/NDF: 25.4/28

asym_us_avg_correction_rms vs Slug



Right In: 1702.877+/-0.756 χ^2/NDF: 159618.3/4

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

Right Out: 1705.700+/-0.614 χ^2/NDF: 84418.4/5

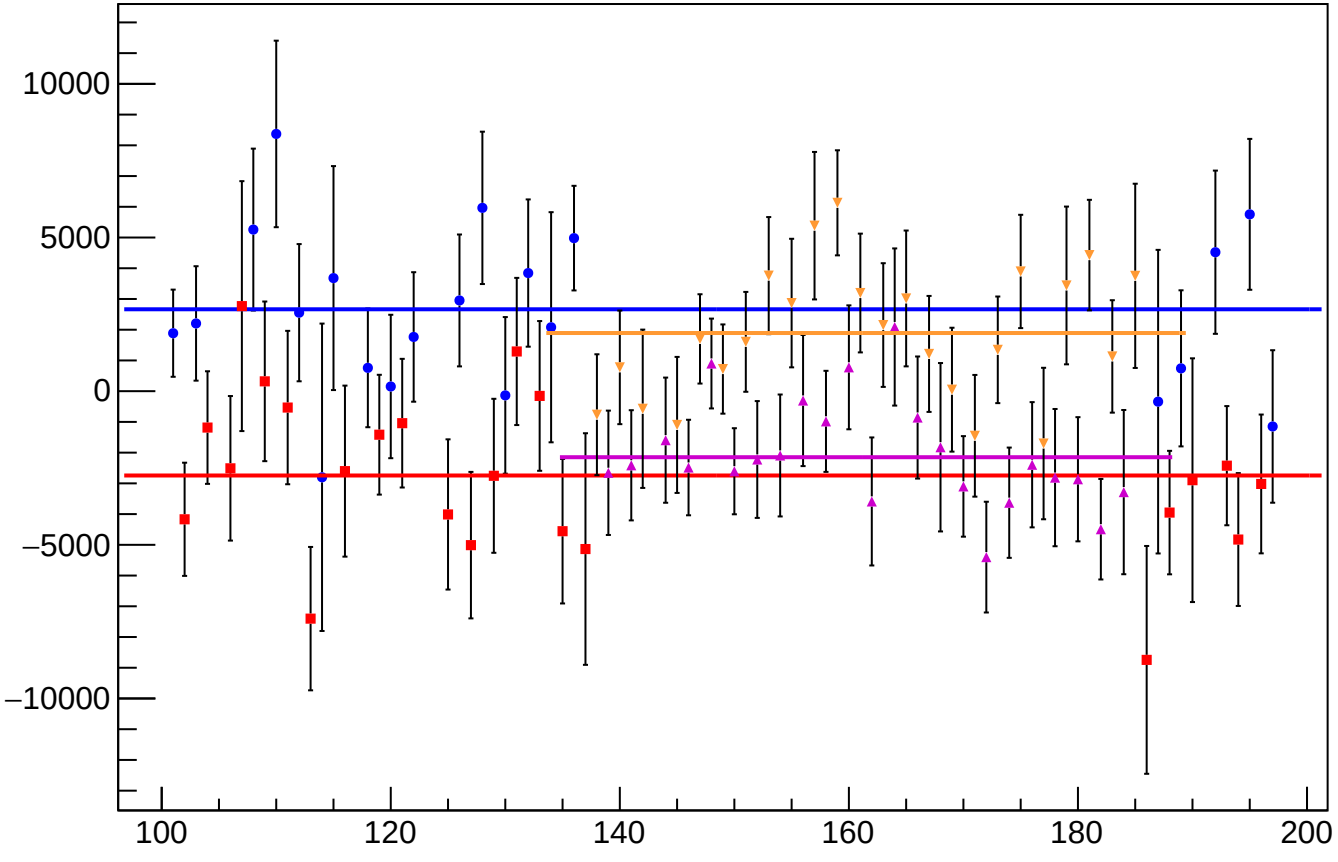
Left In: 1415.555+/-0.243 χ^2/NDF:1245603.5/22

+ sign 1455.244+/-0.234 χ^2/NDF: 1385117.2/28

All: 1455.124+/-0.163 χ^2/NDF: 2908367.8/57

- sign 1455.012+/-0.226 χ^2/NDF: 1523250.1/28

asym_us_avg_mean vs Slug



Right In: 2664.872+/-511.532 χ^2/NDF: 19.0/20

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

Right Out: -2743.892+/-493.623 χ^2/NDF: 20.6/22

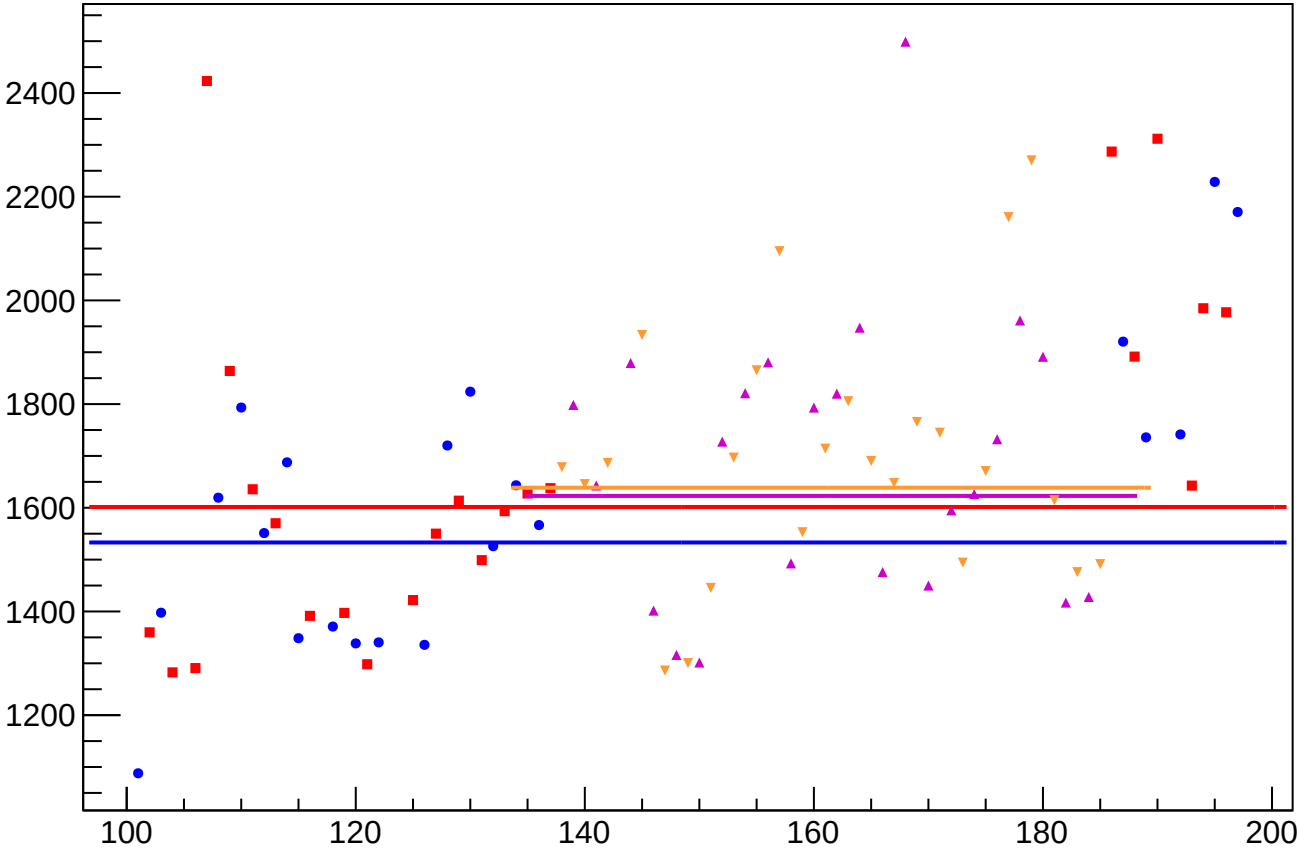
Left In: -2148.867+/-391.716 χ^2/NDF:18.4/22

+ sign 2180.836+/-312.539 χ^2/NDF: 46.3/44

All: -140.912+/-218.956 χ^2/NDF: 194.6/90

- sign -2378.784+/-306.841 χ^2/NDF: 39.9/45

asym_us_avg_rms vs Slug



Right In: 1533.074+/-0.362 χ^2/NDF: 663208.0/20

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

Right Out: 1601.537+/-0.349 χ^2/NDF: 617444.8/22

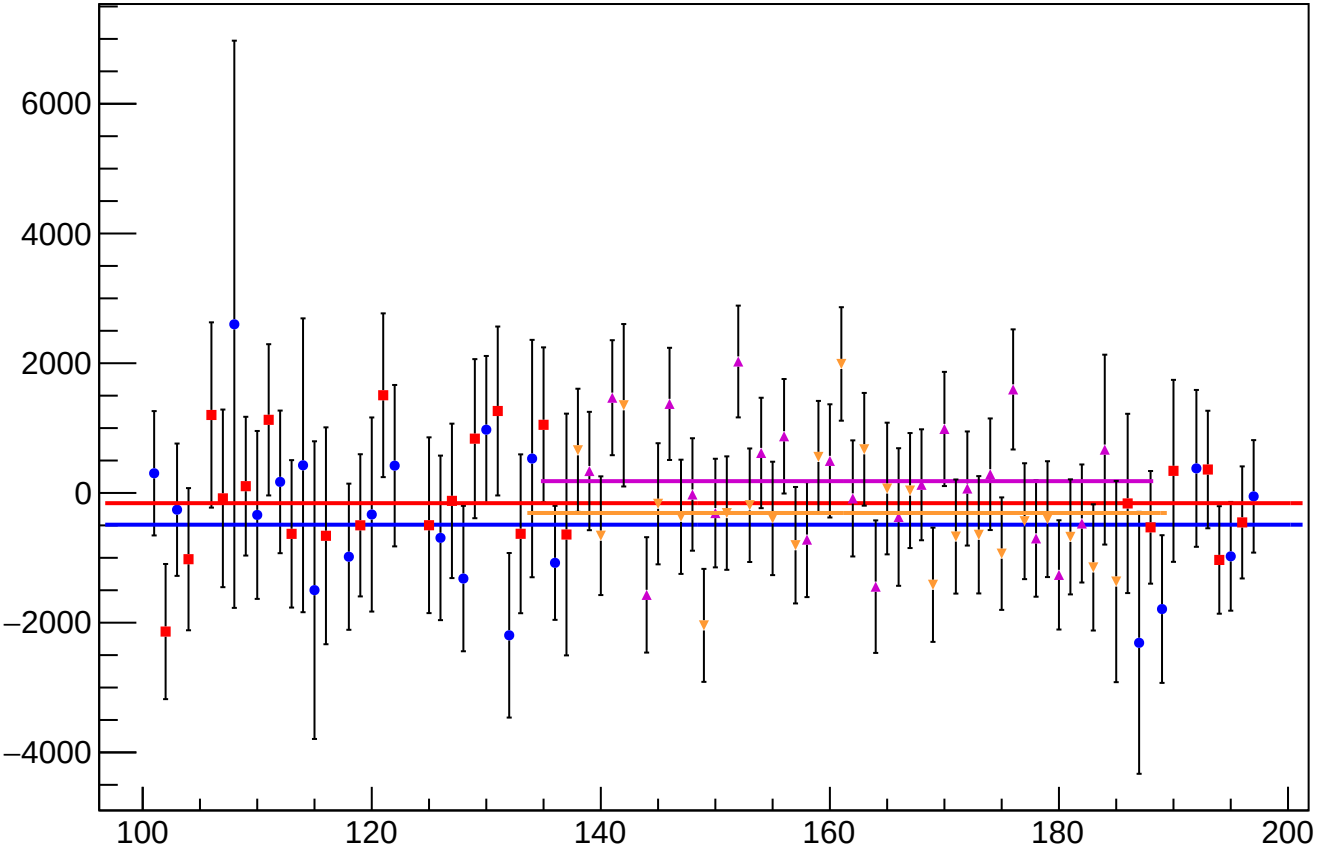
Left In: 1622.876+/-0.277 χ^2/NDF:780522.2/22

+ sign 1599.256+/-0.221 χ^2/NDF: 1388612.3/44

All: 1607.085+/-0.155 χ^2/NDF: 2791337.1/90

- sign 1614.631+/-0.217 χ^2/NDF: 1400260.5/45

dit_asym_us_dd_mean vs Slug



Right In: -489.404+/-261.270 χ^2/NDF: 10.7/20

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

Right Out: -157.437+/-238.966 χ^2/NDF: 13.5/22

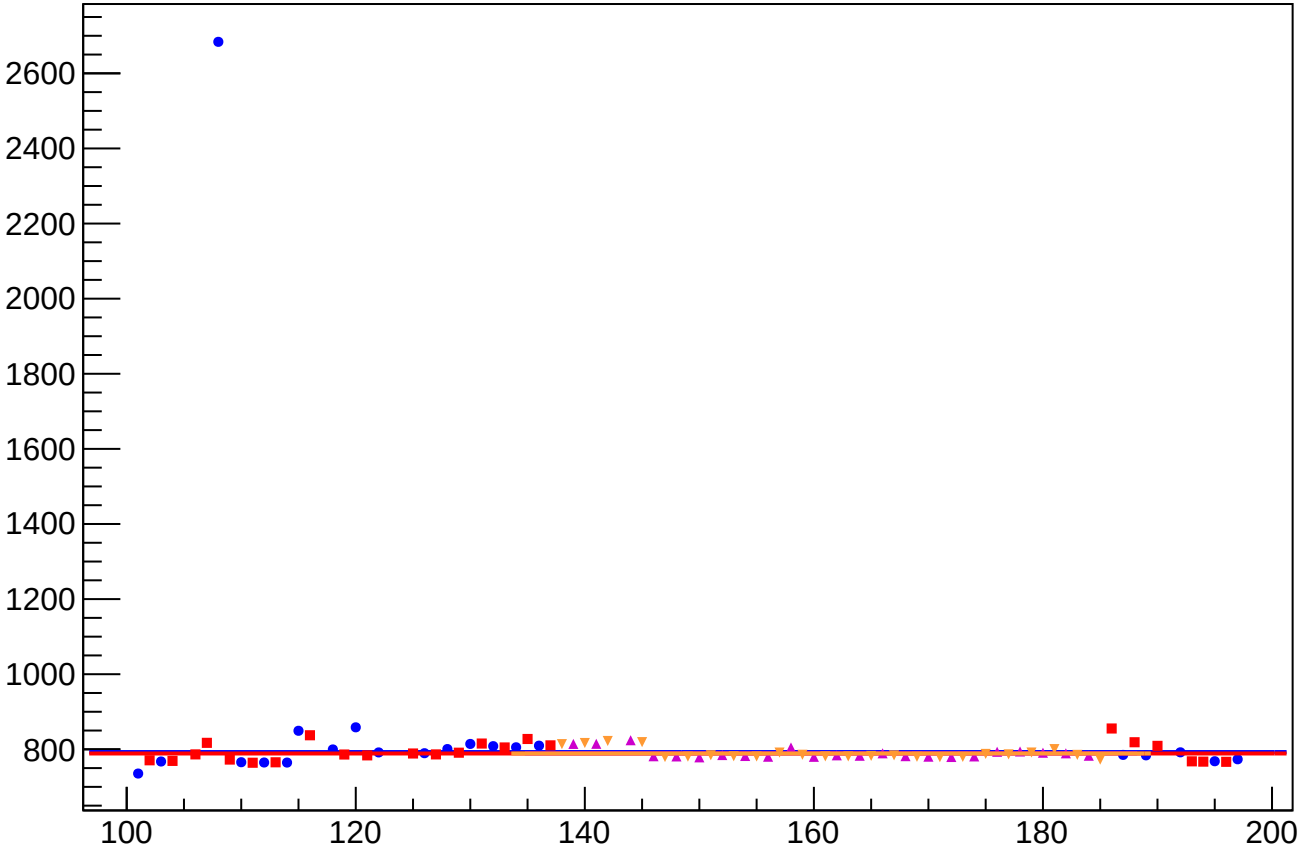
Left In: 181.983+/-187.935 χ^2/NDF:25.6/22

+ sign -370.185+/-152.304 χ^2/NDF: 31.6/44

All: -152.507+/-106.039 χ^2/NDF: 75.9/90

- sign 52.275+/-147.724 χ^2/NDF: 40.4/45

dit_asym_us_dd_rms vs Slug



Right In: 792.718+/-0.185 χ^2/NDF: 394969.3/20

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

Right Out: 788.876+/-0.169 χ^2/NDF: 20786.6/22

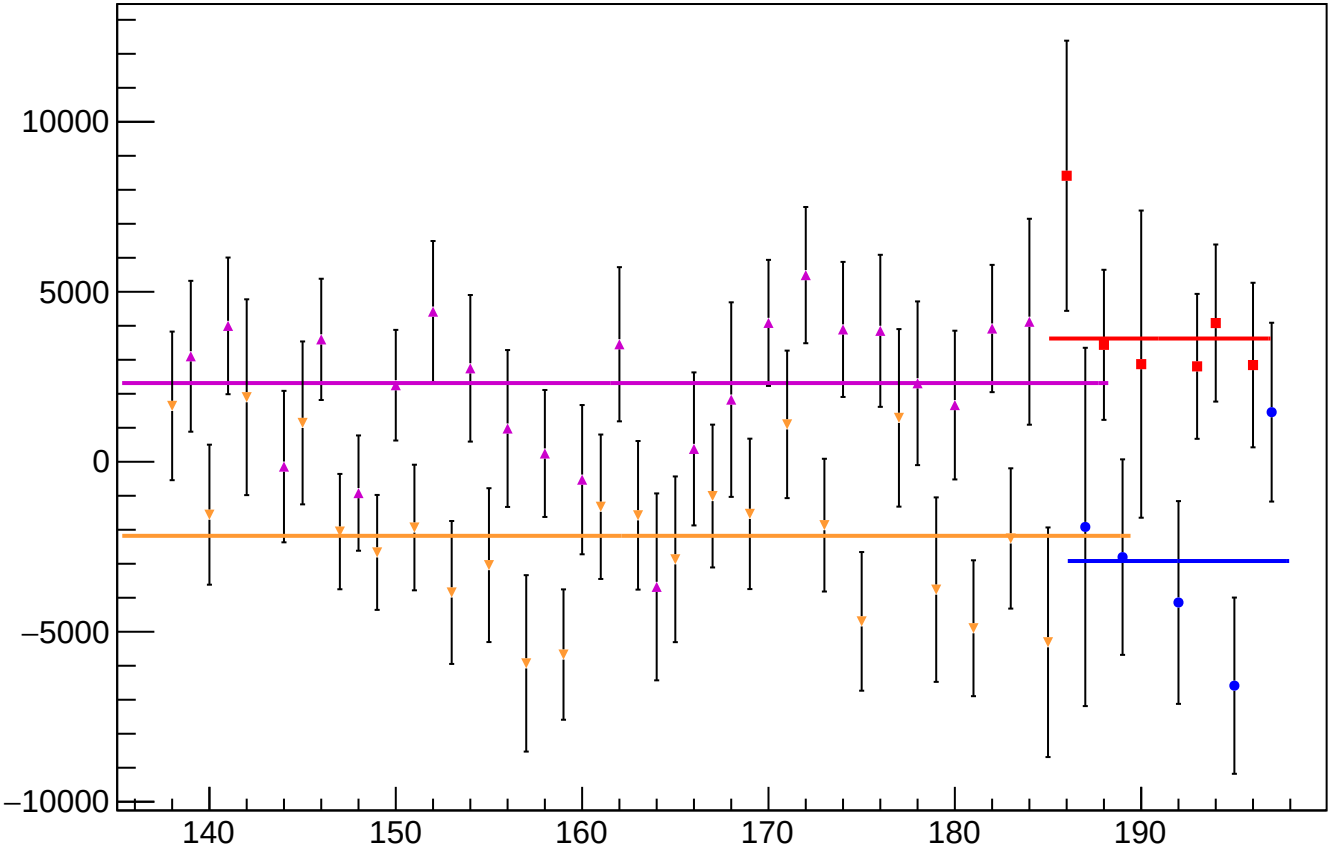
Left In: 789.406+/-0.133 χ^2/NDF:9219.1/22

+ sign 790.188+/-0.108 χ^2/NDF: 404595.6/44

All: 789.681+/-0.075 χ^2/NDF: 434650.5/90

- sign 789.204+/-0.104 χ^2/NDF: 30011.8/45

asym_us_dd_correction_mean vs Slug



Right In: -2919.331+/-1333.009 χ^2/NDF: 5.0/4

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

Right Out: 3625.330+/-1056.588 χ^2/NDF: 1.8/5

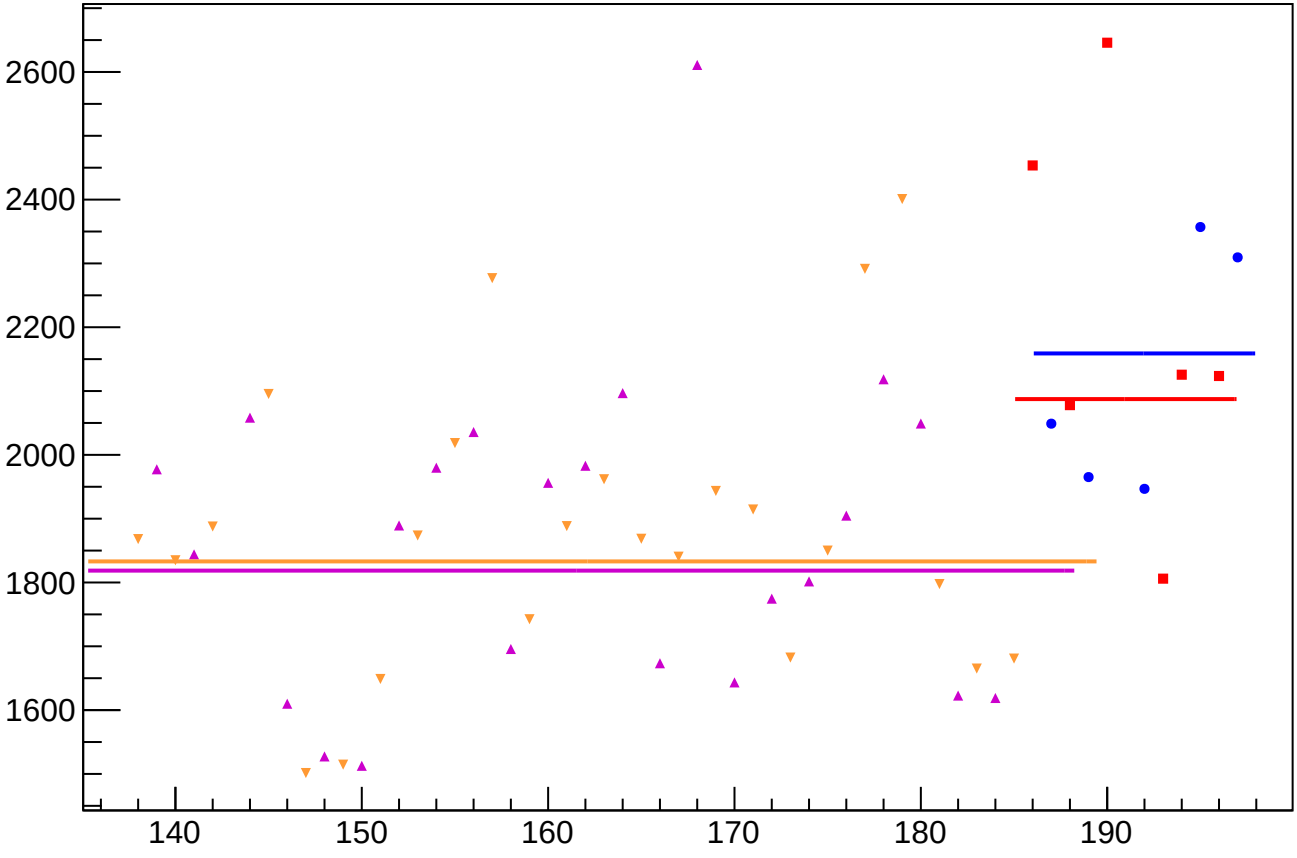
Left In: 2315.169+/-437.003 χ^2/NDF:22.0/22

+ sign -2251.155+/-417.536 χ^2/NDF: 28.0/28

All: 207.094+/-290.274 χ^2/NDF: 120.2/57

- sign 2506.551+/-403.826 χ^2/NDF: 25.1/28

asym_us_dd_correction_rms vs Slug



Right In: 2158.932+/-0.943 χ^2/NDF: 38307.7/4

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

Right Out: 2087.402+/-0.747 χ^2/NDF: 83429.5/5

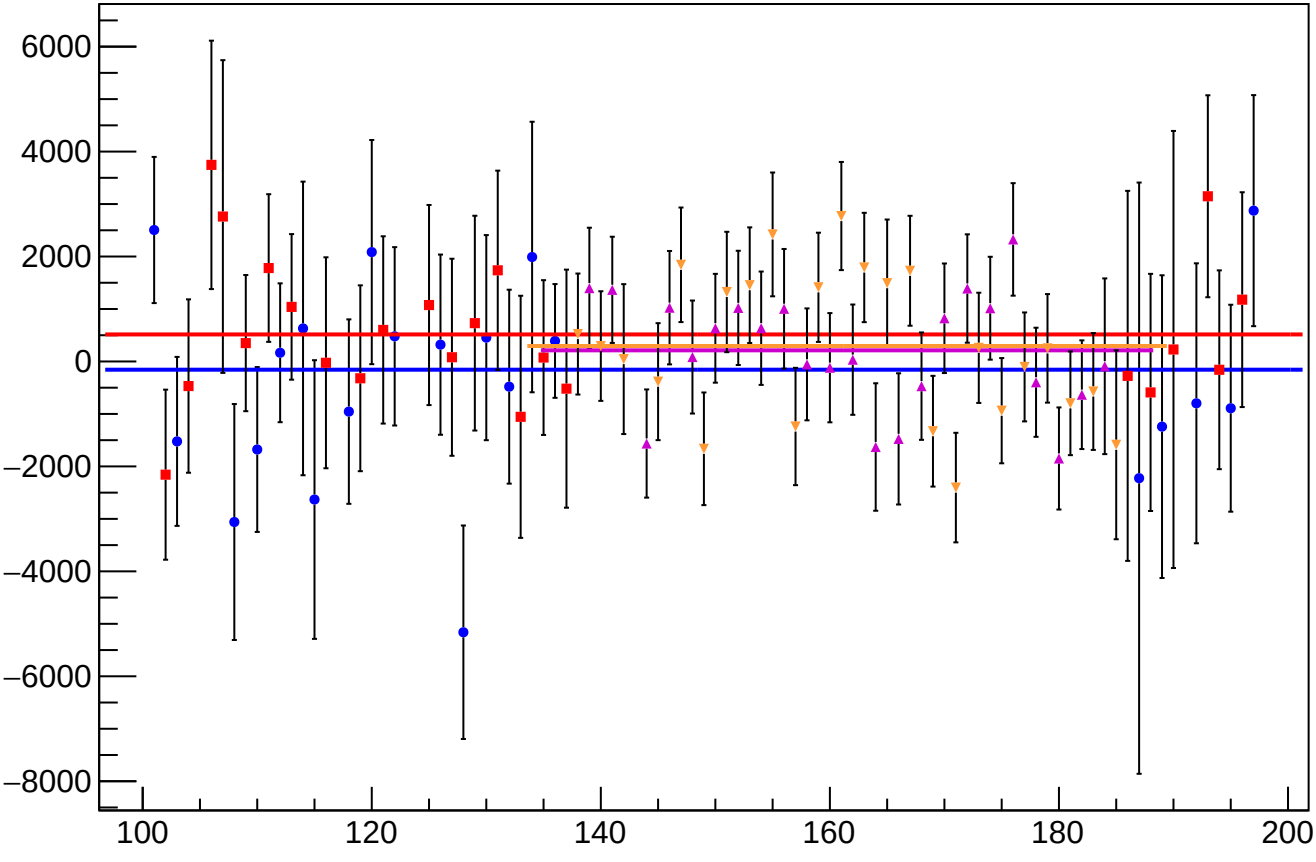
Left In: 1818.594+/-0.309 χ^2/NDF:536826.7/22

+ sign 1865.003+/-0.295 χ^2/NDF: 611593.7/28

All: 1861.313+/-0.205 χ^2/NDF: 1342693.1/57

- sign 1857.861+/-0.286 χ^2/NDF: 730797.0/28

asym_us_dd_mean vs Slug



Right In: -156.934+/-404.010 χ^2/NDF: 19.0/20

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

Right Out: 515.041+/-389.997 χ^2/NDF: 10.5/22

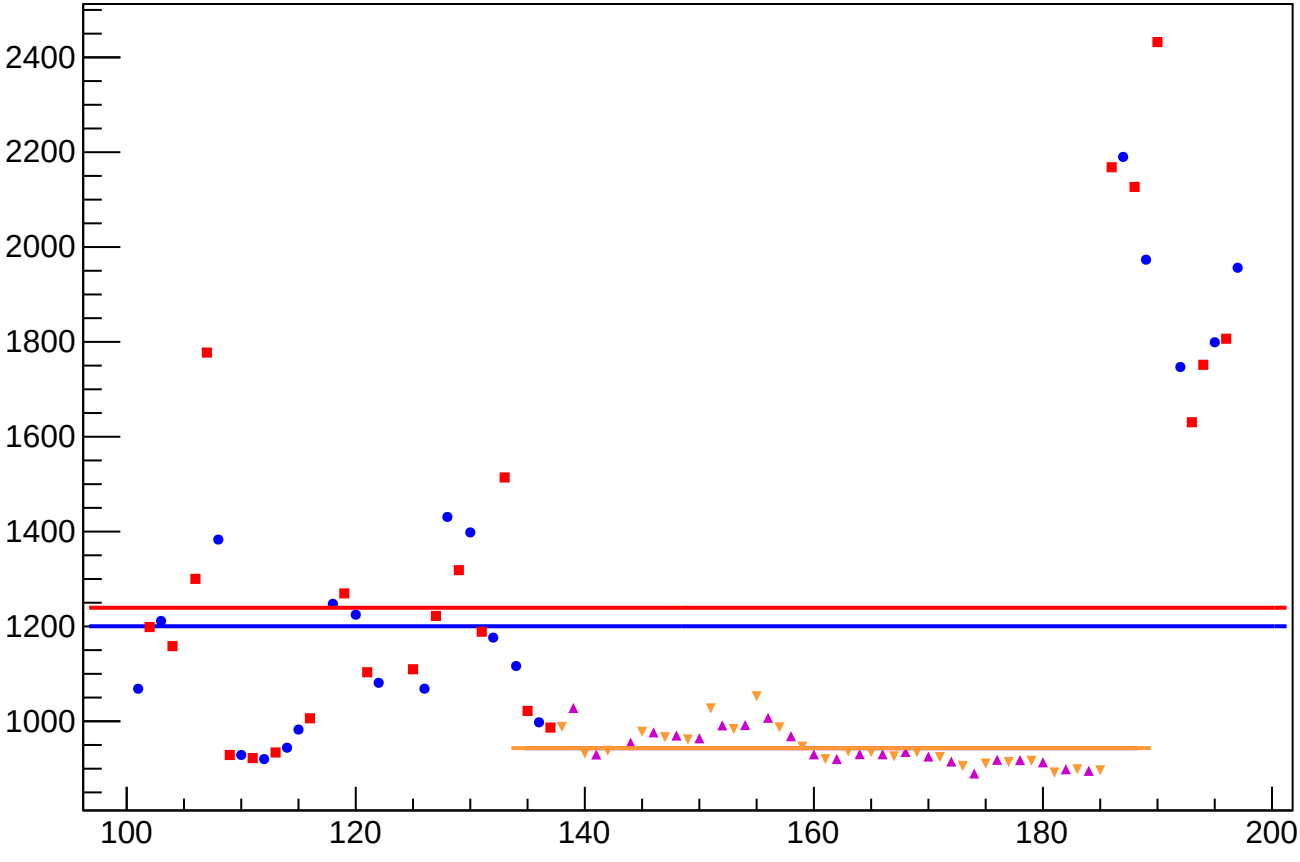
Left In: 212.080+/-224.701 χ^2/NDF:23.7/22

+ sign 188.222+/-196.134 χ^2/NDF: 58.3/44

All: 238.270+/-138.177 χ^2/NDF: 93.1/90

- sign 287.586+/-194.697 χ^2/NDF: 34.7/45

asym_us_dd_rms vs Slug



Right In: 1200.352+/-0.286 χ^2/NDF: 1062178.3/20

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

Right Out: 1239.415+/-0.276 χ^2/NDF: 1528977.3/22

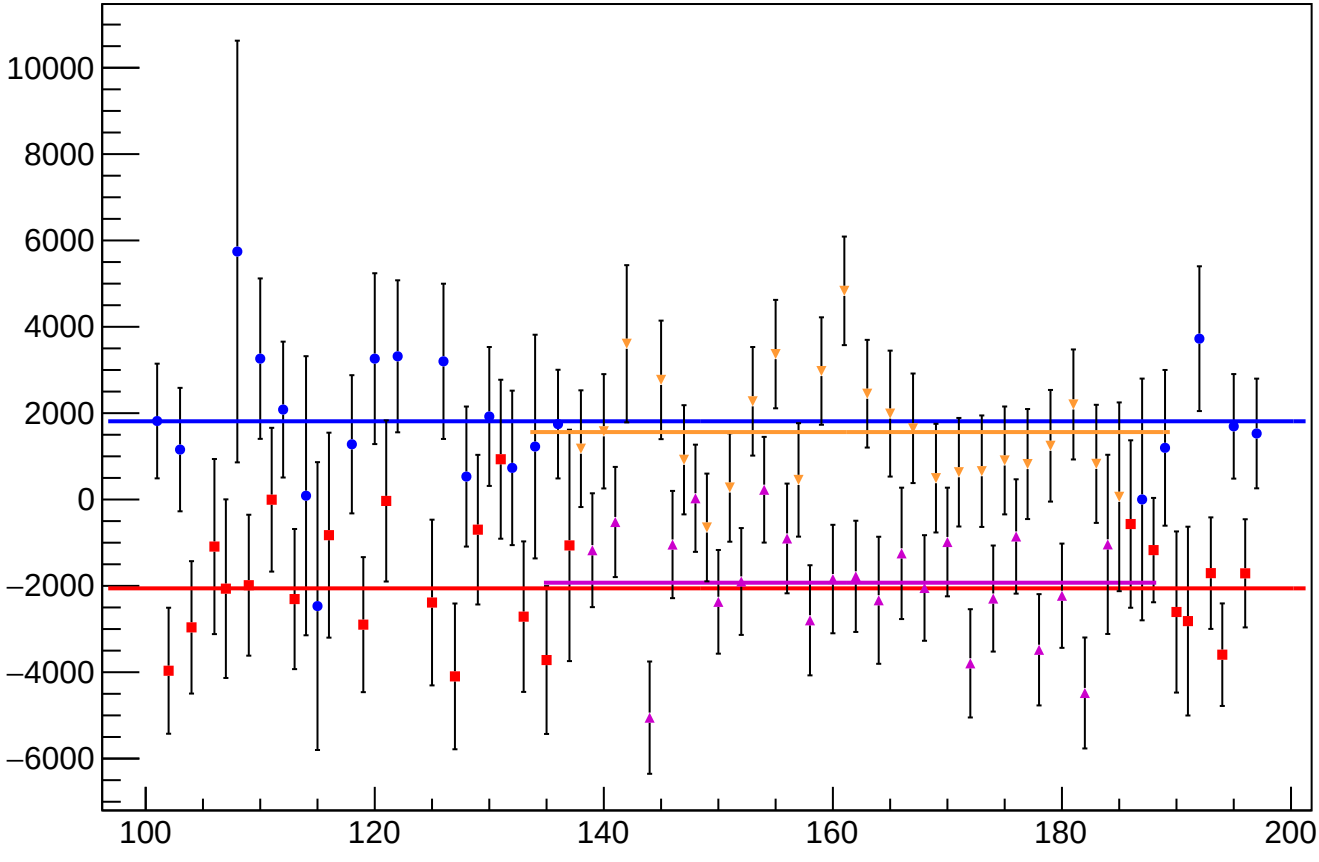
Left In: 943.137+/-0.159 χ^2/NDF:49948.2/22

+ sign 1003.903+/-0.139 χ^2/NDF: 1741278.1/44

All: 1010.488+/-0.098 χ^2/NDF: 4191276.5/90

- sign 1016.977+/-0.138 χ^2/NDF: 2445522.1/45

dit_asym_usl_mean vs Slug



Right In: 1812.076+/-372.465 χ^2/NDF: 8.3/20

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

Right Out: -2057.482+/-336.821 χ^2/NDF: 14.7/23

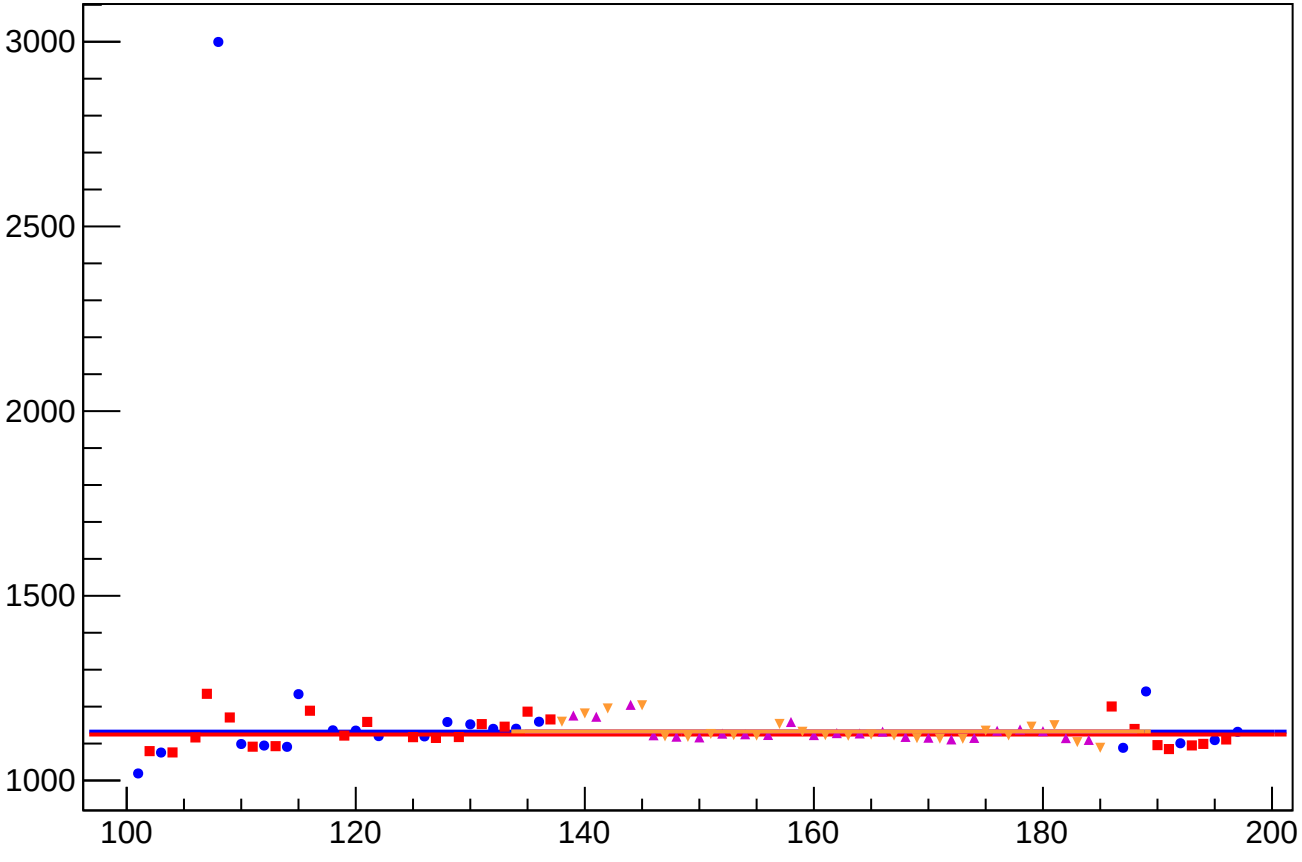
Left In: -1926.929+/-269.667 χ^2/NDF:24.1/22

+ sign 1647.898+/-218.218 χ^2/NDF: 30.4/44

All: -230.178+/-151.505 χ^2/NDF: 212.3/91

- sign -1977.925+/-210.511 χ^2/NDF: 38.9/46

dit_asym_usl_rms vs Slug



Right In: 1132.236+/-0.263 χ^2/NDF: 325224.8/20

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

Right Out: 1124.481+/-0.238 χ^2/NDF: 25528.7/23

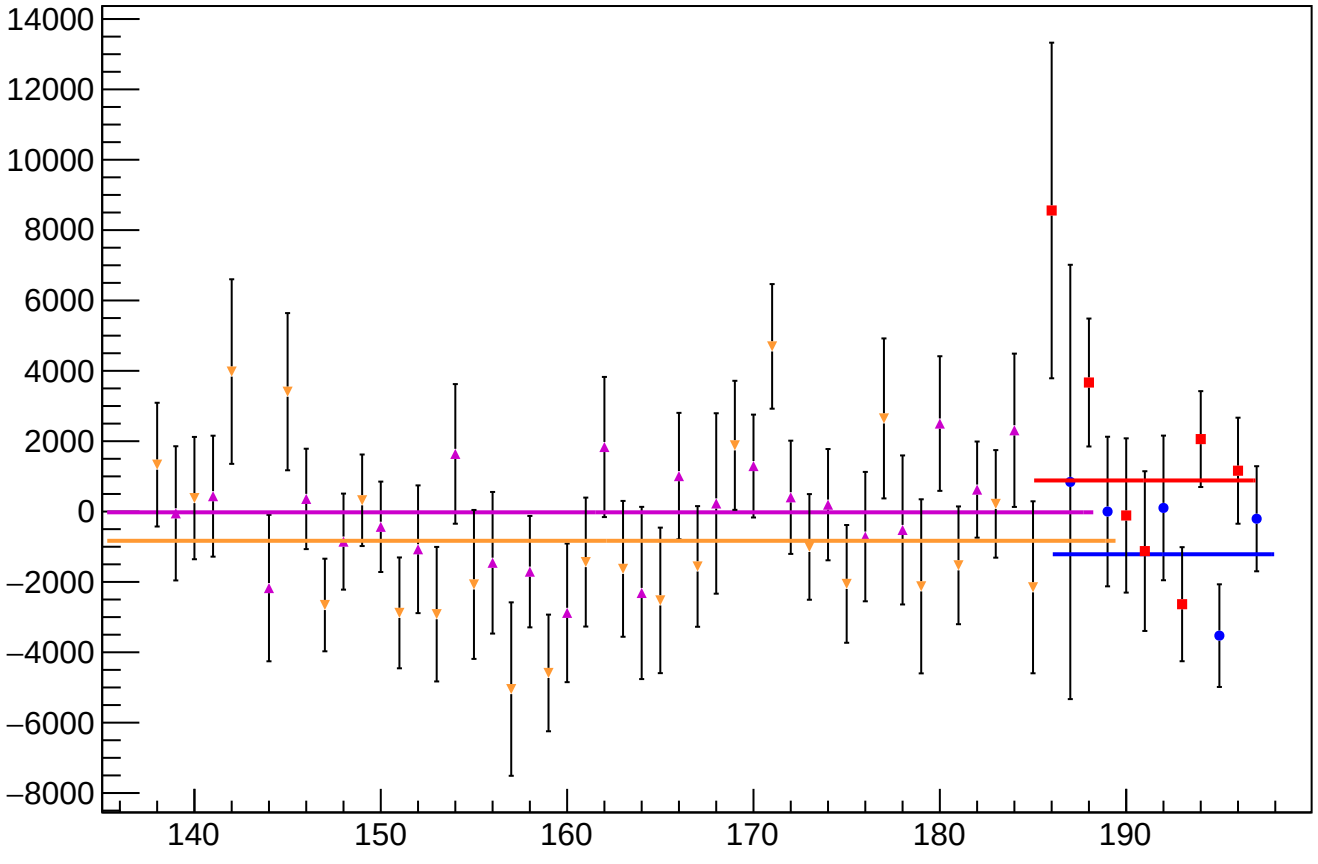
Left In: 1132.570+/-0.191 χ^2/NDF:14524.8/22

+ sign 1132.660+/-0.154 χ^2/NDF: 342015.5/44

All: 1130.977+/-0.107 χ^2/NDF: 383001.9/91

- sign 1129.410+/-0.149 χ^2/NDF: 40756.6/46

asym_usl_correction_mean vs Slug



Right In: -1213.610+/-844.506 χ^2/NDF: 3.8/4

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

Right Out: 884.146+/-688.756 χ^2/NDF: 11.4/6

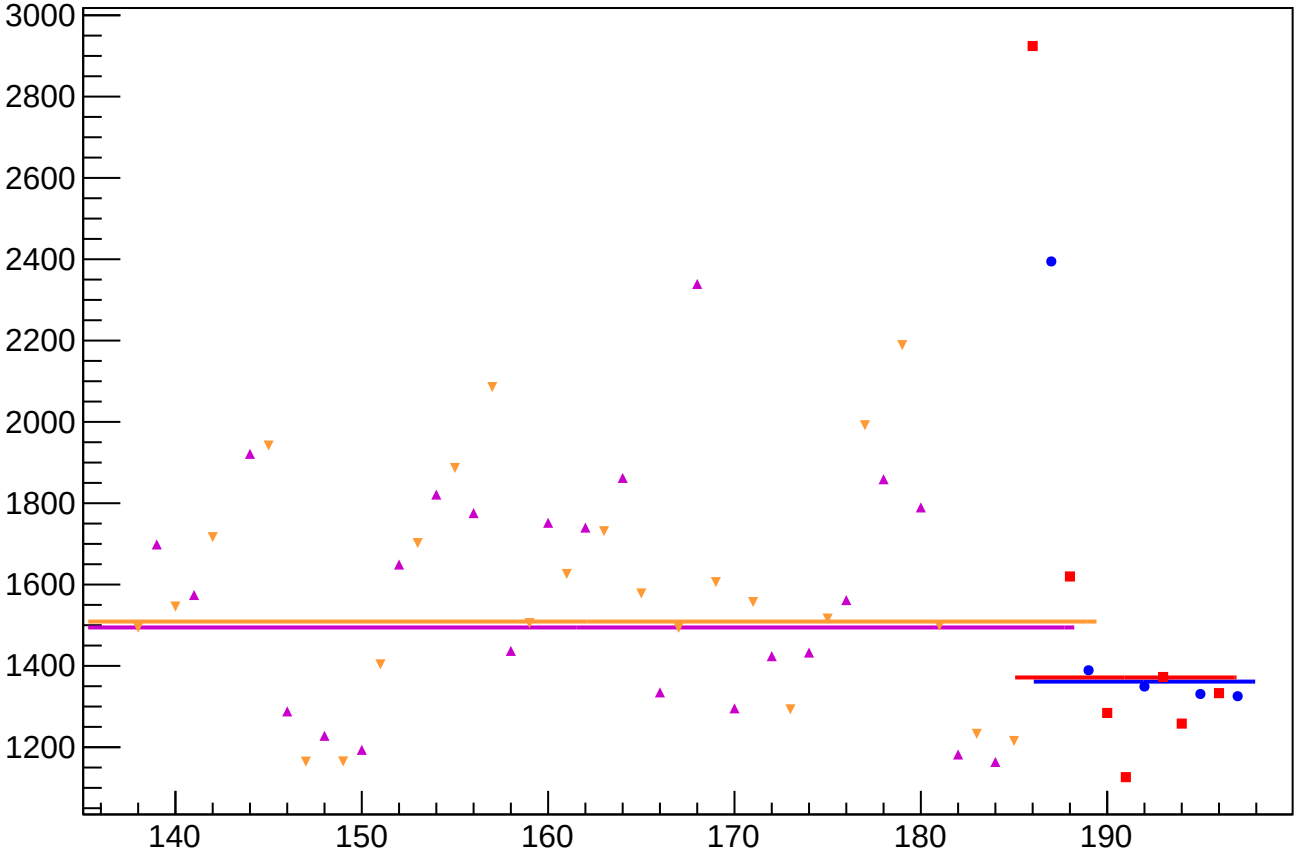
Left In: -21.419+/-362.476 χ^2/NDF:12.8/22

+ sign -891.463+/-335.885 χ^2/NDF: 44.1/28

All: -333.695+/-231.977 χ^2/NDF: 74.9/58

- sign 174.993+/-320.767 χ^2/NDF: 25.5/29

asym_usl_correction_rms vs Slug



Right In: 1361.367+/-0.597 χ^2/NDF: 58480.3/4

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

Right Out: 1371.535+/-0.487 χ^2/NDF: 290946.1/6

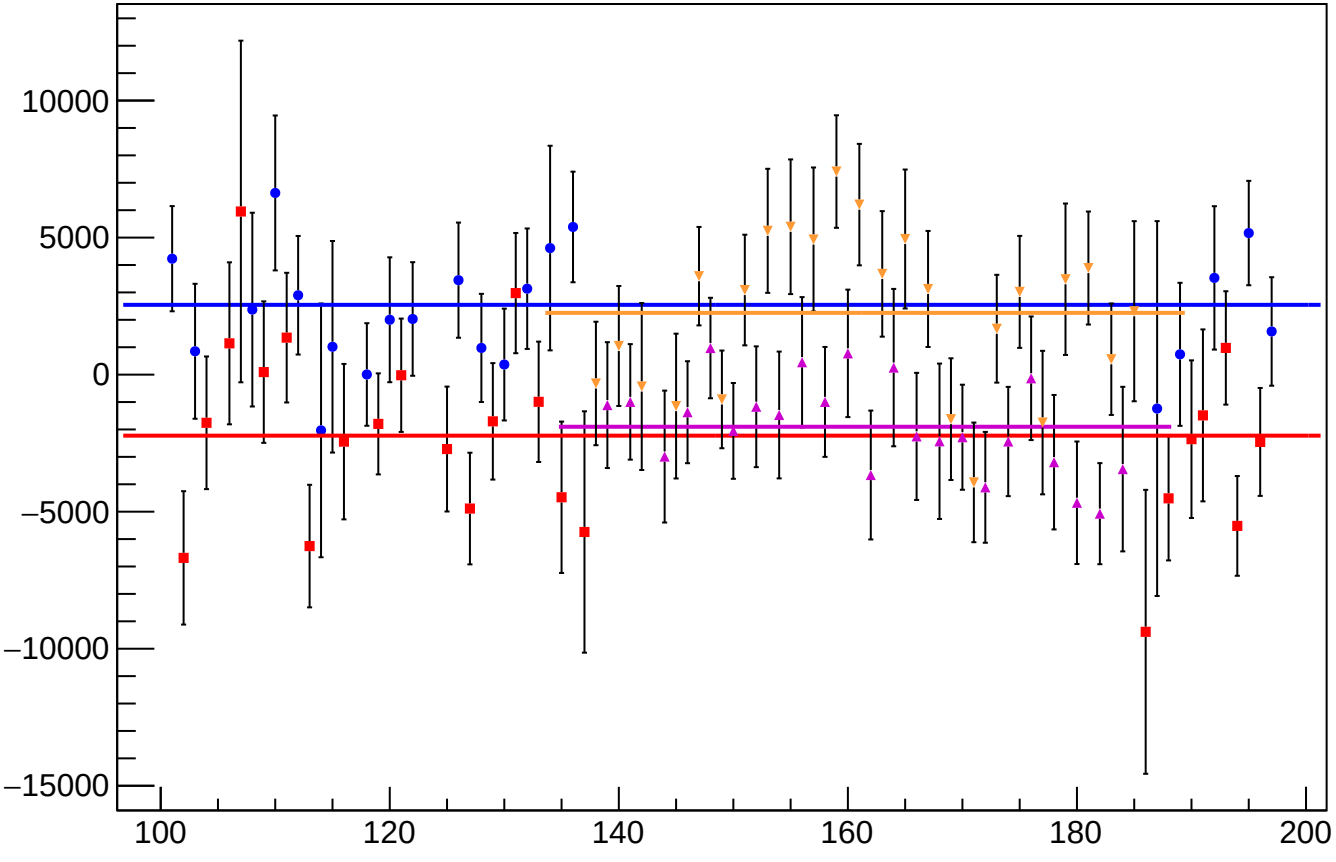
Left In: 1494.507+/-0.256 χ^2/NDF:1096280.5/22

+ sign 1485.640+/-0.238 χ^2/NDF: 1098601.1/28

All: 1476.328+/-0.164 χ^2/NDF: 2538693.2/58

- sign 1467.835+/-0.227 χ^2/NDF: 1437153.0/29

asym_usl_mean vs Slug



Right In: 2546.524+/-514.719 χ^2/NDF: 13.8/20

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

Right Out: -2225.711+/-490.124 χ^2/NDF: 31.7/23

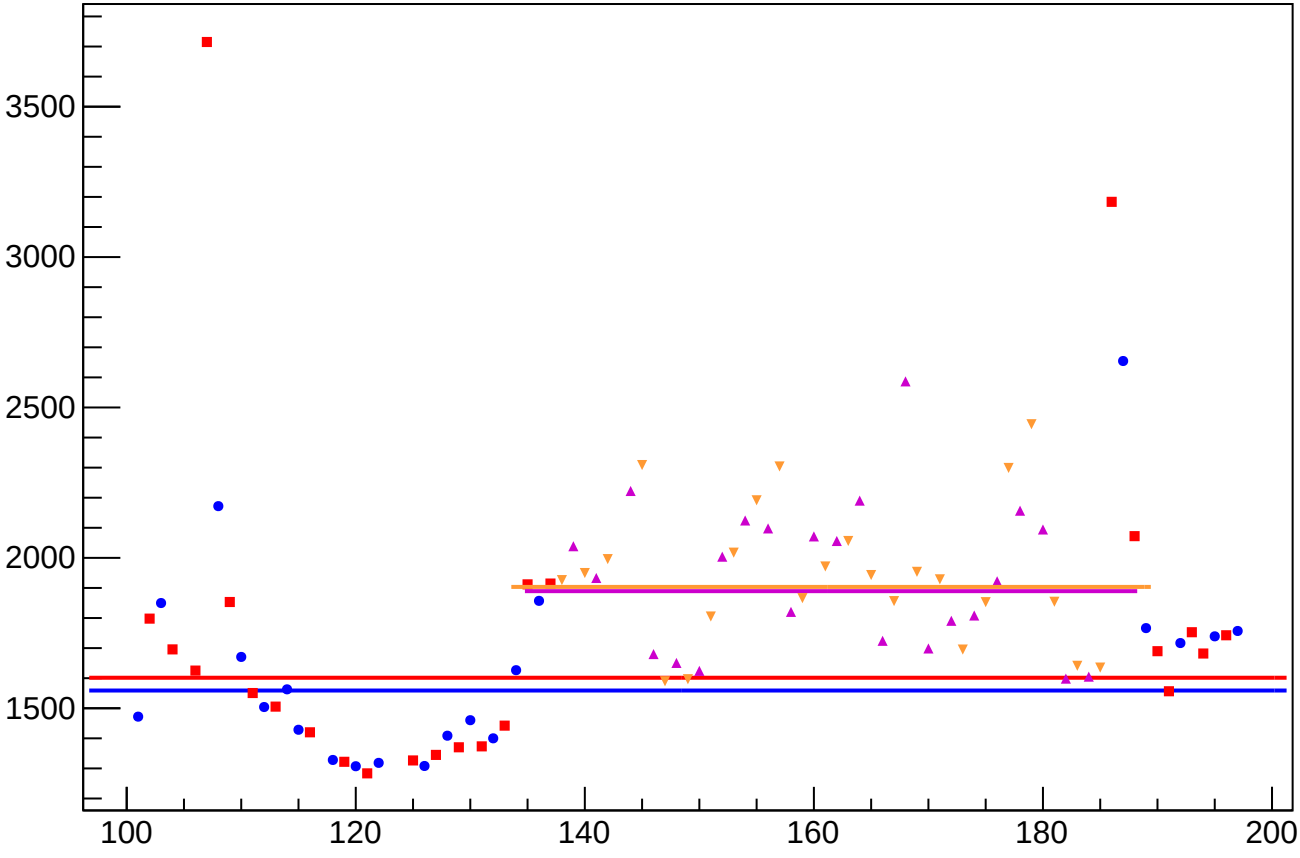
Left In: -1901.797+/-453.879 χ^2/NDF:13.9/22

+ sign 2382.743+/-341.485 χ^2/NDF: 52.7/44

All: 110.053+/-238.416 χ^2/NDF: 184.9/91

- sign -2051.336+/-333.018 χ^2/NDF: 45.8/46

asym_usl_rms vs Slug



Right In: 1558.987+/-0.364 χ^2/NDF: 389435.7/20

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

Right Out: 1601.489+/-0.347 χ^2/NDF: 823546.6/23

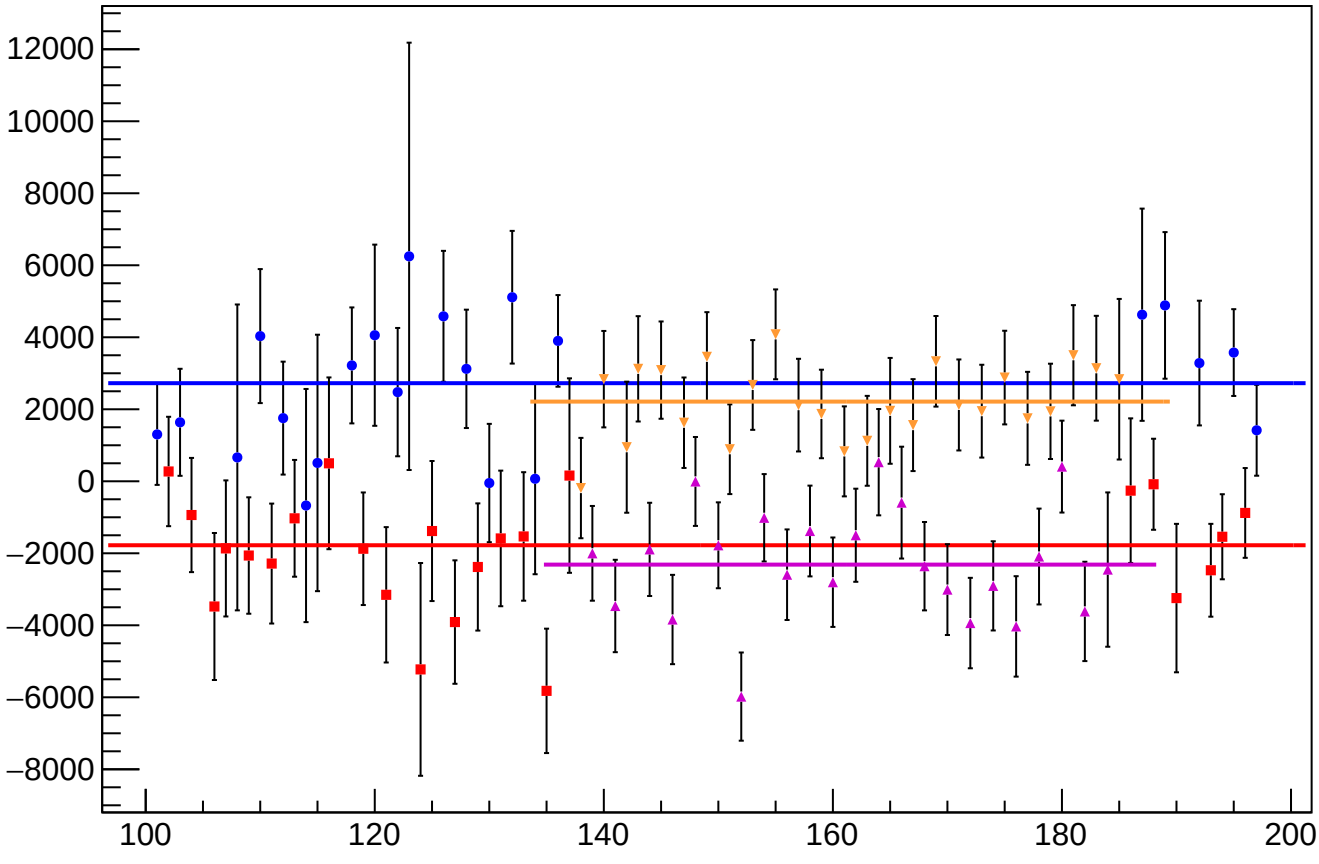
Left In: 1889.326+/-0.321 χ^2/NDF:508648.5/22

+ sign 1751.838+/-0.241 χ^2/NDF: 1352823.8/44

All: 1754.198+/-0.169 χ^2/NDF: 3056543.2/91

- sign 1756.443+/-0.235 χ^2/NDF: 1703533.0/46

dit_asym_usr_mean vs Slug



Right In: 2724.858+/-381.403 χ^2/NDF: 15.6/21

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

Right Out: -1776.785+/-342.615 χ^2/NDF: 17.4/23

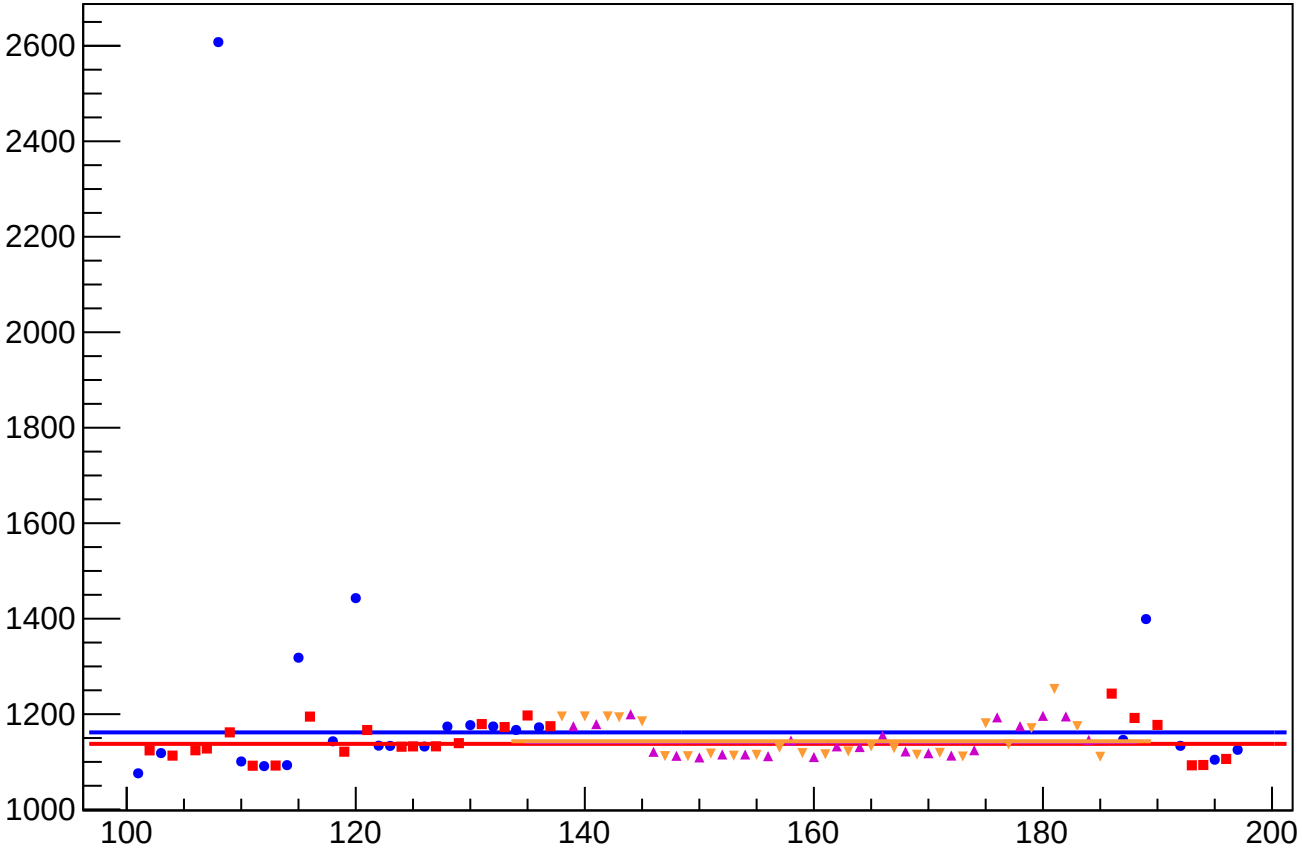
Left In: -2314.778+/-271.873 χ^2/NDF:31.6/22

+ sign 2381.485+/-218.687 χ^2/NDF: 31.0/46

All: 77.837+/-152.573 χ^2/NDF: 297.7/93

- sign -2106.907+/-212.968 χ^2/NDF: 50.5/46

dit_asym_usr_rms vs Slug



Right In: 1161.808+/-0.270 χ^2/NDF: 312634.9/21

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

Right Out: 1137.776+/-0.242 χ^2/NDF: 27126.0/23

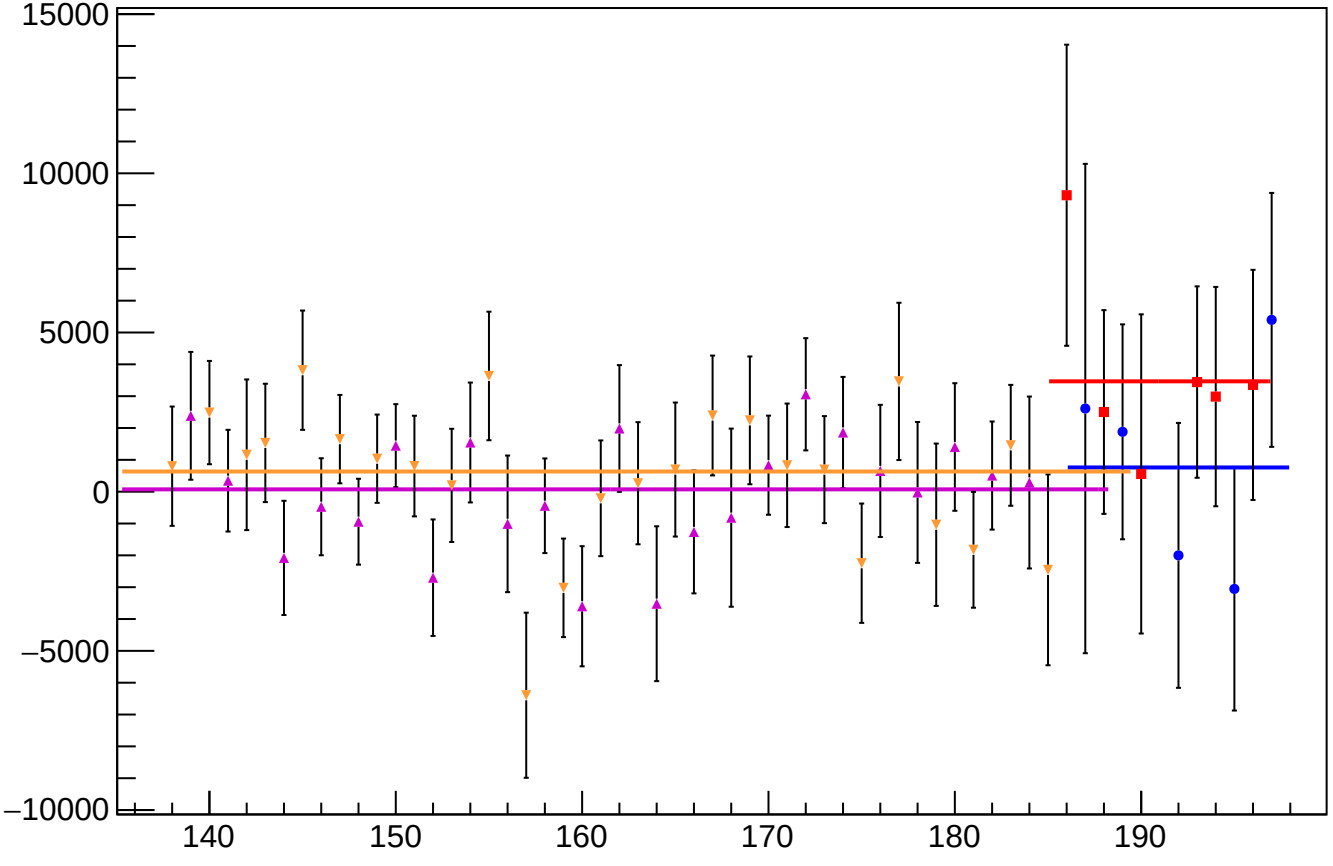
Left In: 1141.363+/-0.192 χ^2/NDF:28014.9/22

+ sign 1149.351+/-0.155 χ^2/NDF: 355306.7/46

All: 1144.540+/-0.108 χ^2/NDF: 412467.9/93

- sign 1139.977+/-0.151 χ^2/NDF: 55275.5/46

asym_usr_correction_mean vs Slug



Right In: 760.700+/-1844.702 χ^2/NDF: 3.0/4

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

Right Out: 3466.055+/-1484.668 χ^2/NDF: 2.0/5

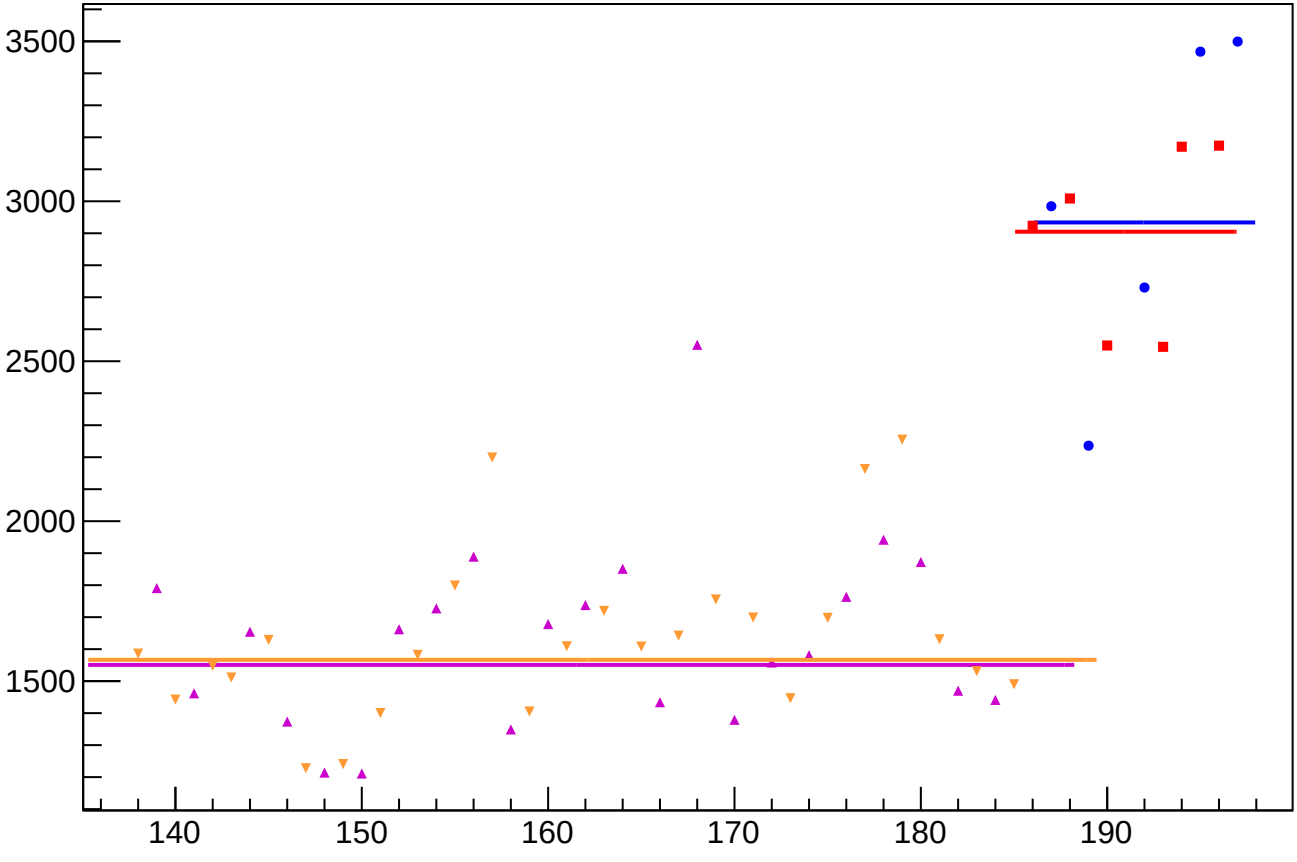
Left In: 72.962+/-375.277 χ^2/NDF:20.1/22

+ sign 638.707+/-364.597 χ^2/NDF: 32.2/29

All: 457.341+/-257.539 χ^2/NDF: 59.7/58

- sign 276.734+/-363.834 χ^2/NDF: 27.0/28

asym_usr_correction_rms vs Slug



Right In: 2933.856+/-1.304 χ^2/NDF: 169593.9/4

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

Right Out: 2904.845+/-1.050 χ^2/NDF: 63838.3/5

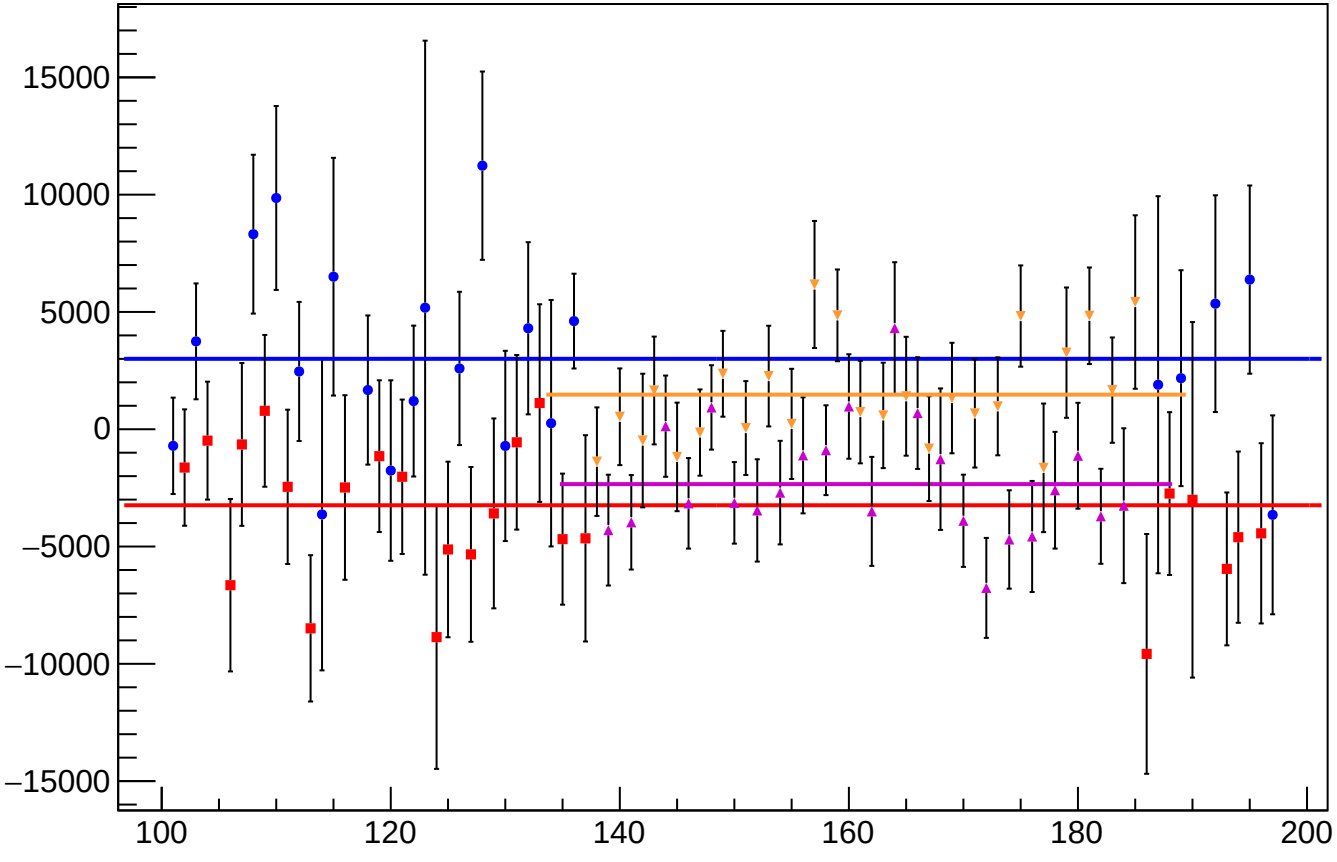
Left In: 1550.750+/-0.265 χ^2/NDF:928652.8/22

+ sign 1620.035+/-0.258 χ^2/NDF: 1992285.3/29

All: 1626.065+/-0.182 χ^2/NDF: 4549634.6/58

- sign 1632.070+/-0.257 χ^2/NDF: 2556257.6/28

asym_usr_mean vs Slug



Right In: 3001.927+/-745.624 χ^2/NDF: 22.0/21

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

Right Out: -3241.039+/-717.703 χ^2/NDF: 14.1/23

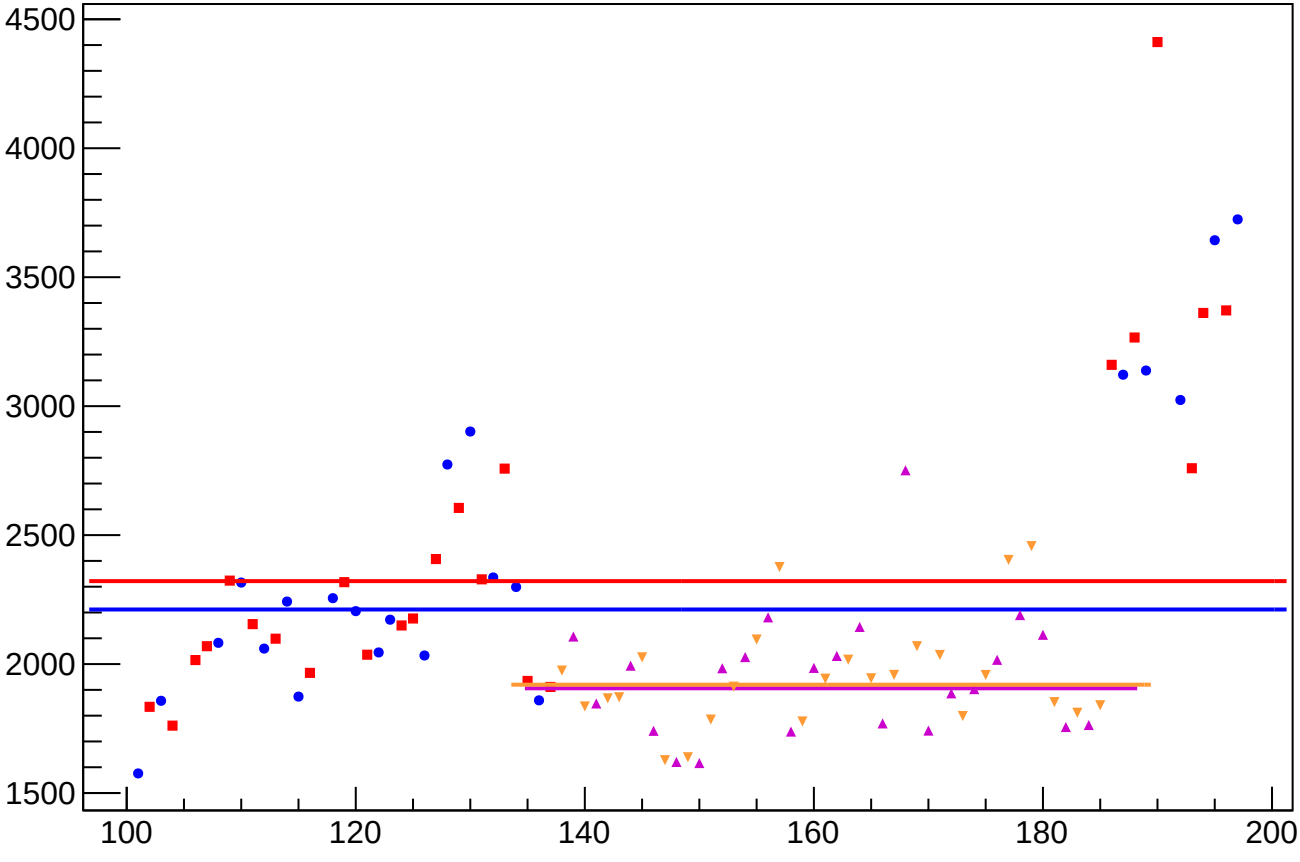
Left In: -2339.905+/-457.448 χ^2/NDF:25.2/22

+ sign 1884.938+/-386.117 χ^2/NDF: 46.0/46

All: -359.755+/-272.897 χ^2/NDF: 153.9/93

- sign -2600.233+/-385.754 χ^2/NDF: 40.4/46

asym_usr_rms vs Slug



Right In: 2211.642+/-0.527 χ^2/NDF: 1101354.4/21

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

Right Out: 2321.653+/-0.507 χ^2/NDF: 1042566.7/23

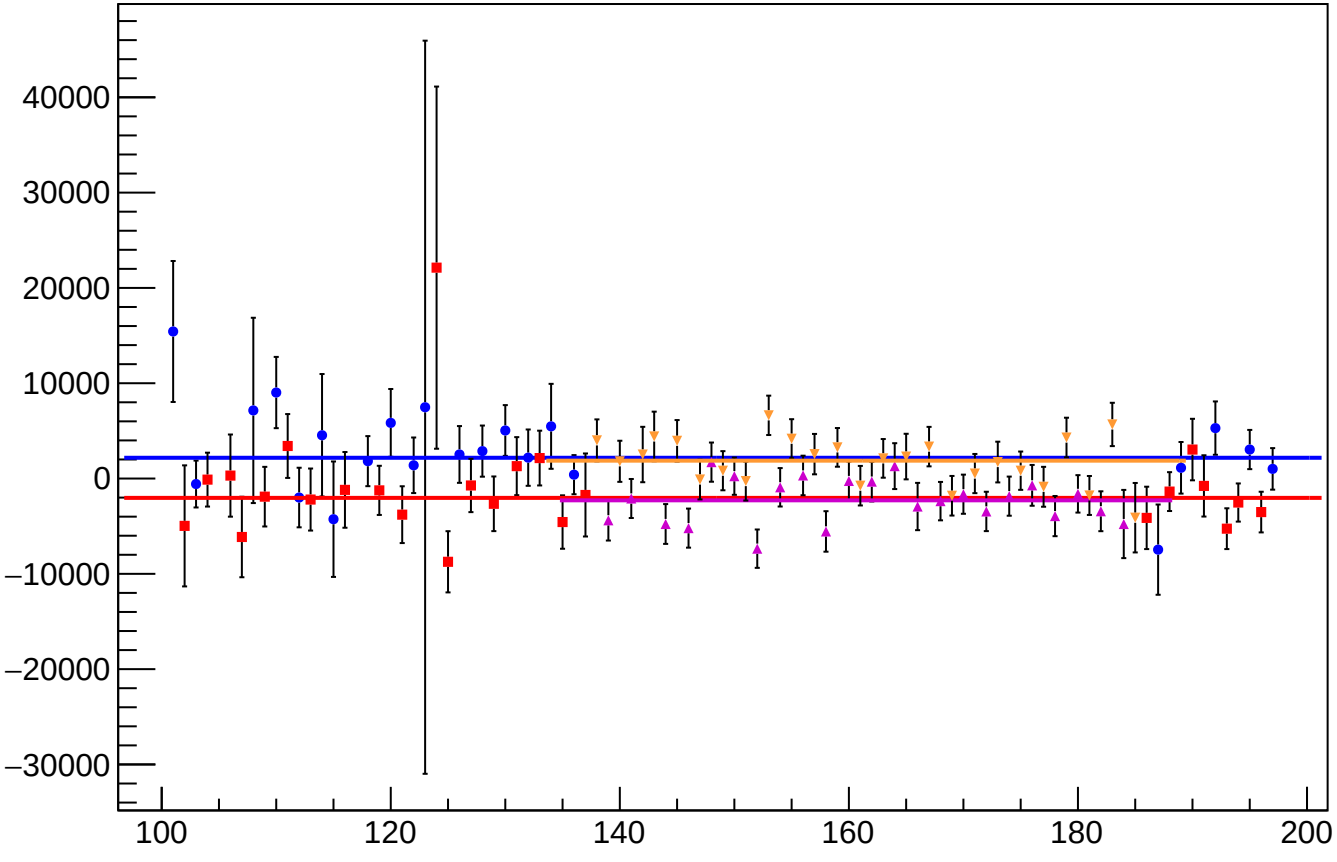
Left In: 1906.043+/-0.323 χ^2/NDF:451054.7/22

+ sign 1998.267+/-0.273 χ^2/NDF: 1691074.2/46

All: 2012.201+/-0.193 χ^2/NDF: 3666825.4/93

- sign 2026.108+/-0.273 χ^2/NDF: 1970547.2/46

dit_asym_at1_avg_mean vs Slug



Right In: 2178.940+/-657.619 χ^2/NDF: 20.8/21

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

Right Out: -2029.768+/-592.915 χ^2/NDF: 21.4/24

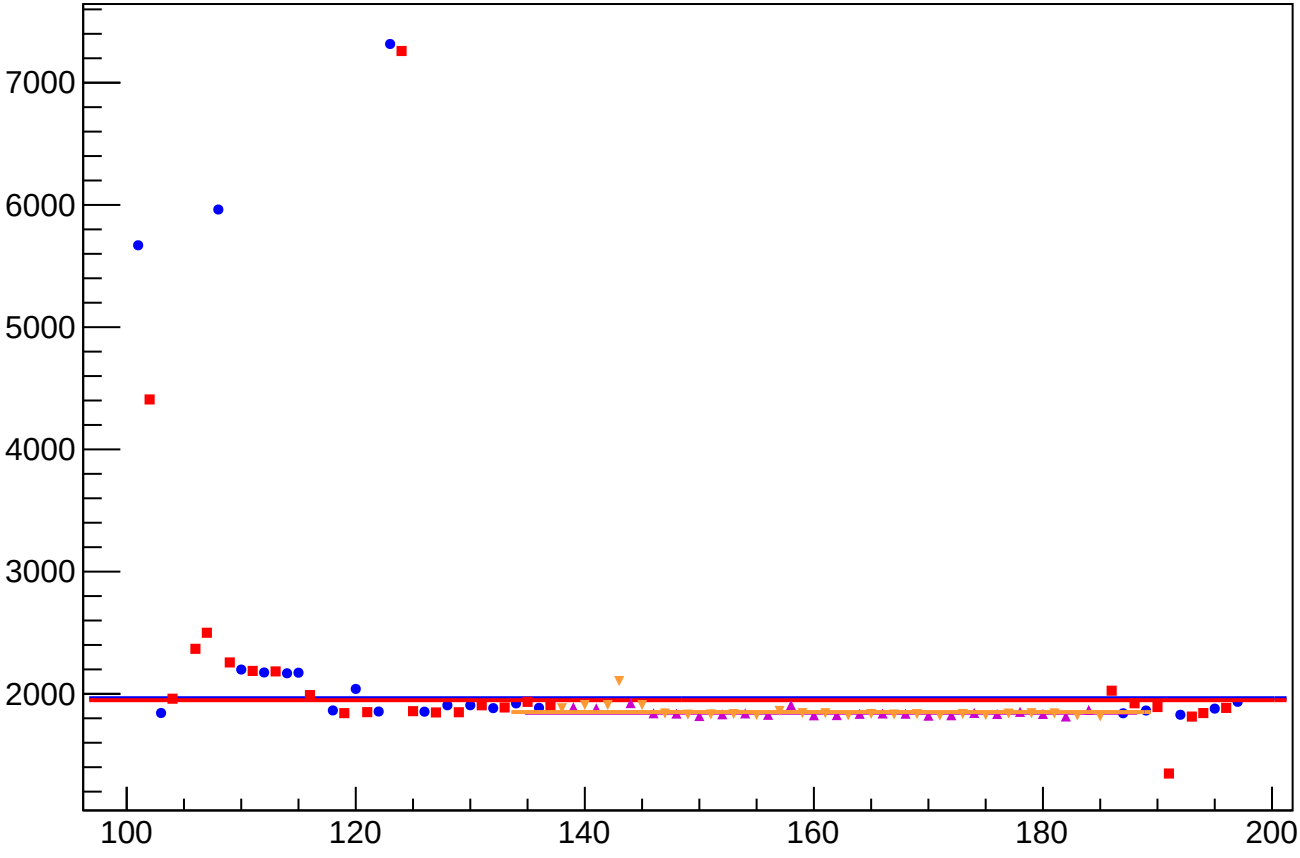
Left In: -2286.268+/-441.005 χ^2/NDF:27.3/22

+ sign 1967.194+/-361.788 χ^2/NDF: 51.0/46

All: -159.986+/-252.972 χ^2/NDF: 167.5/94

- sign -2194.909+/-353.856 χ^2/NDF: 48.8/47

dit_asym_at1_avg_rms vs Slug



Right In: 1964.221+/-0.465 χ^2/NDF: 933655.8/21

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

Right Out: 1948.208+/-0.419 χ^2/NDF: 650621.0/24

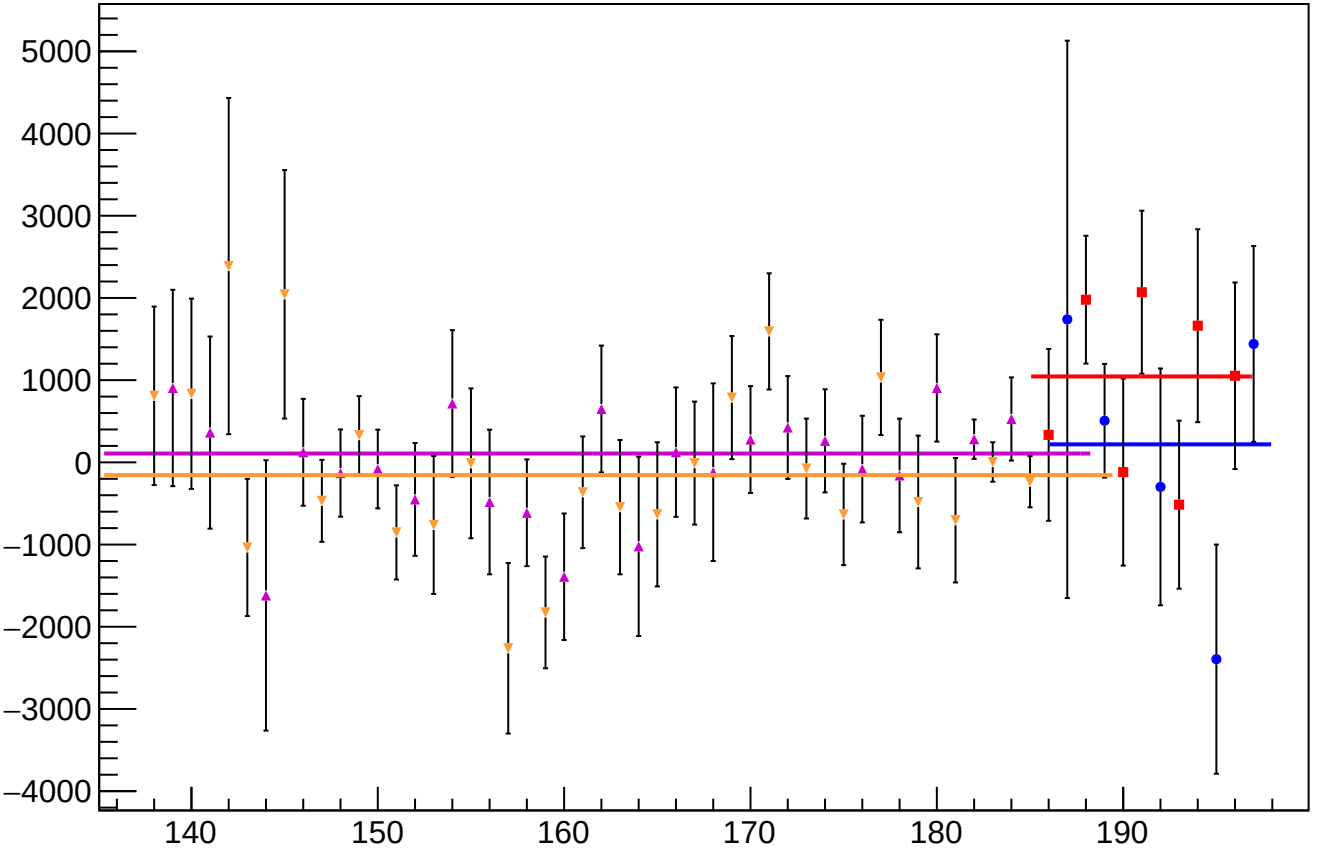
Left In: 1845.411+/-0.312 χ^2/NDF:8318.8/22

+ sign 1885.314+/-0.256 χ^2/NDF: 1001199.6/46

All: 1883.633+/-0.179 χ^2/NDF: 1698929.2/94

- sign 1882.025+/-0.250 χ^2/NDF: 697645.1/47

asym_at1_avg_correction_mean vs Slug



Right In: 219.066+/-507.703 χ^2/NDF: 5.1/4

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

Right Out: 1045.138+/-382.927 χ^2/NDF: 6.6/6

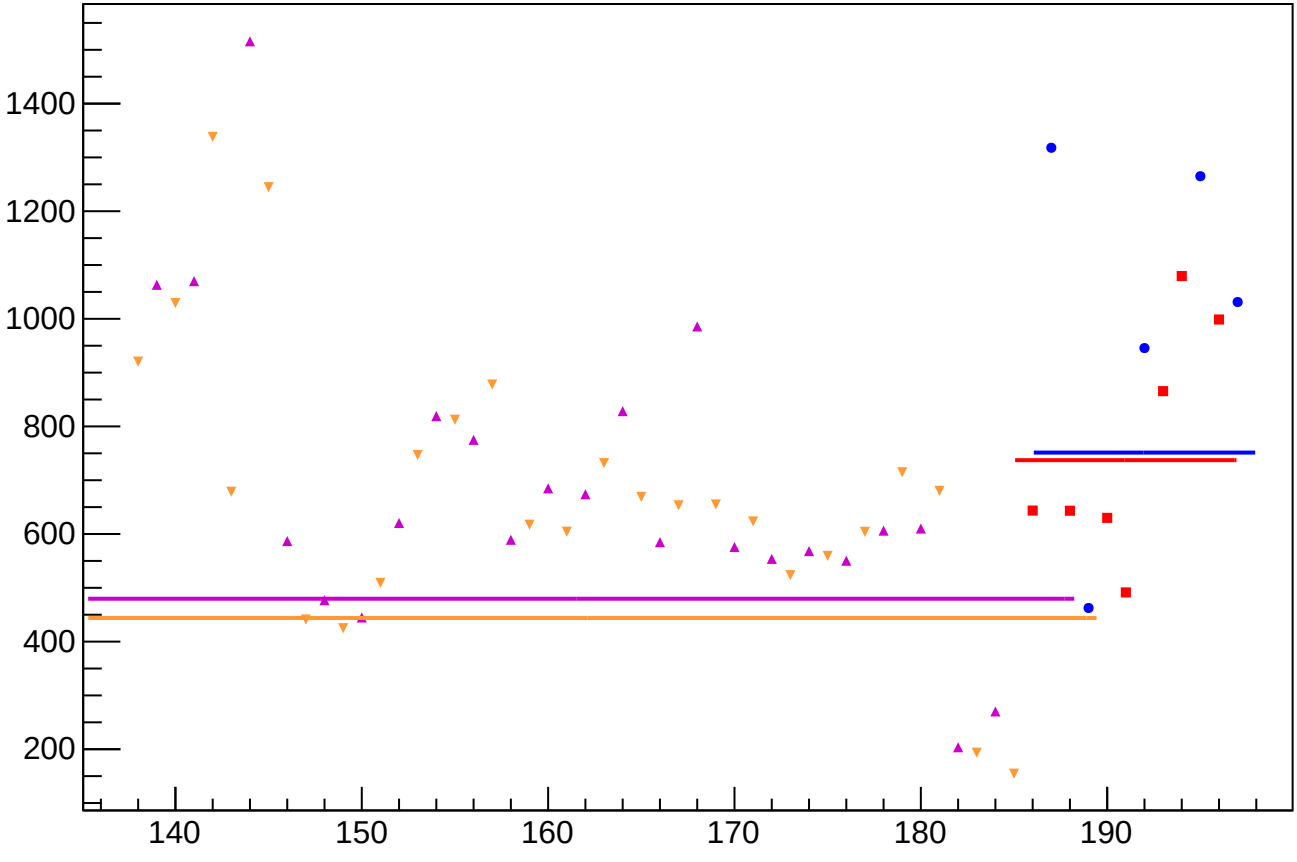
Left In: 107.387+/-127.580 χ^2/NDF:13.5/22

+ sign -135.170+/-116.463 χ^2/NDF: 38.6/29

All: 26.480+/-83.923 χ^2/NDF: 68.1/59

- sign 201.080+/-121.039 χ^2/NDF: 25.5/29

asym_at1_avg_correction_rms vs Slug



Right In: 751.392+/-0.359 χ^2/NDF: 823068.2/4

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

Right Out: 737.265+/-0.271 χ^2/NDF: 493689.5/6

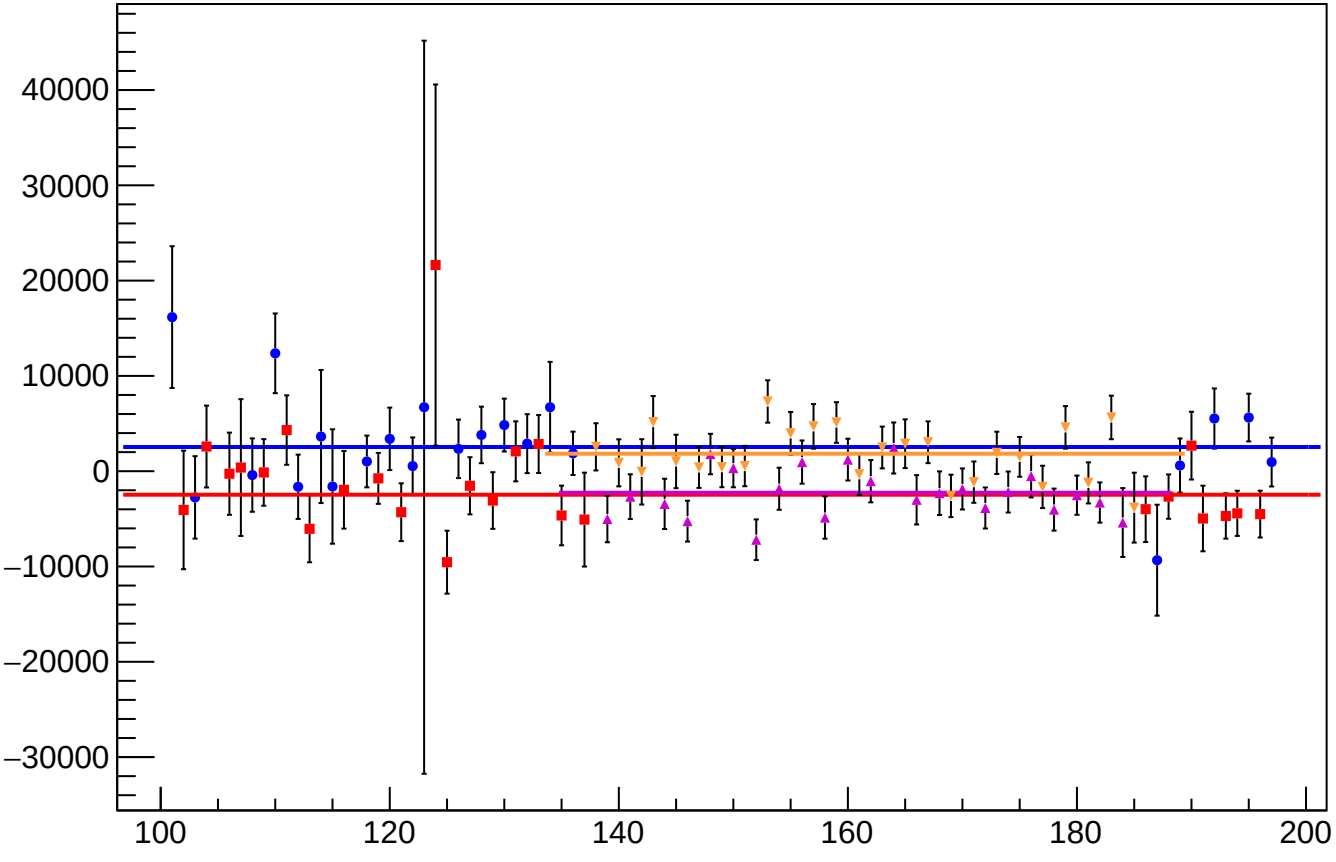
Left In: 479.723+/-0.090 χ^2/NDF:6734597.7/22

+ sign 460.139+/-0.082 χ^2/NDF: 10090952.1/29

All: 481.924+/-0.059 χ^2/NDF: 18279099.9/59

- sign 505.454+/-0.086 χ^2/NDF: 8042582.3/29

asym_at1_avg_mean vs Slug



Right In: 2537.851+/-719.869 χ^2/NDF: 23.0/21

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

Right Out: -2466.819+/-655.807 χ^2/NDF: 25.0/24

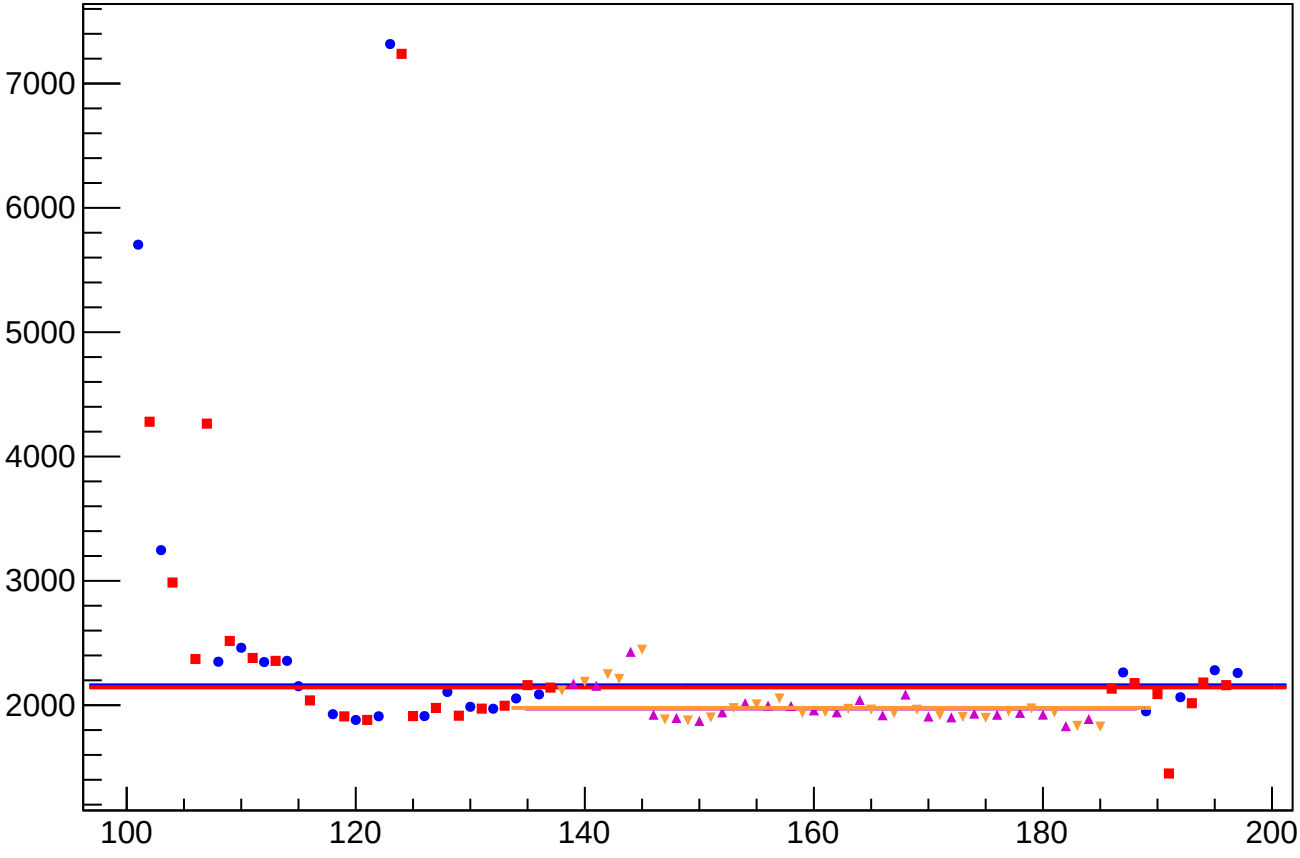
Left In: -2260.178+/-472.324 χ^2/NDF:26.3/22

+ sign 2040.960+/-389.872 χ^2/NDF: 56.4/46

All: -182.238+/-273.316 χ^2/NDF: 171.8/94

- sign -2330.756+/-383.267 χ^2/NDF: 51.4/47

asym_at1_avg_rms vs Slug



Right In: 2159.661+/-0.509 χ^2/NDF: 734911.9/21

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

Right Out: 2143.264+/-0.464 χ^2/NDF: 834766.5/24

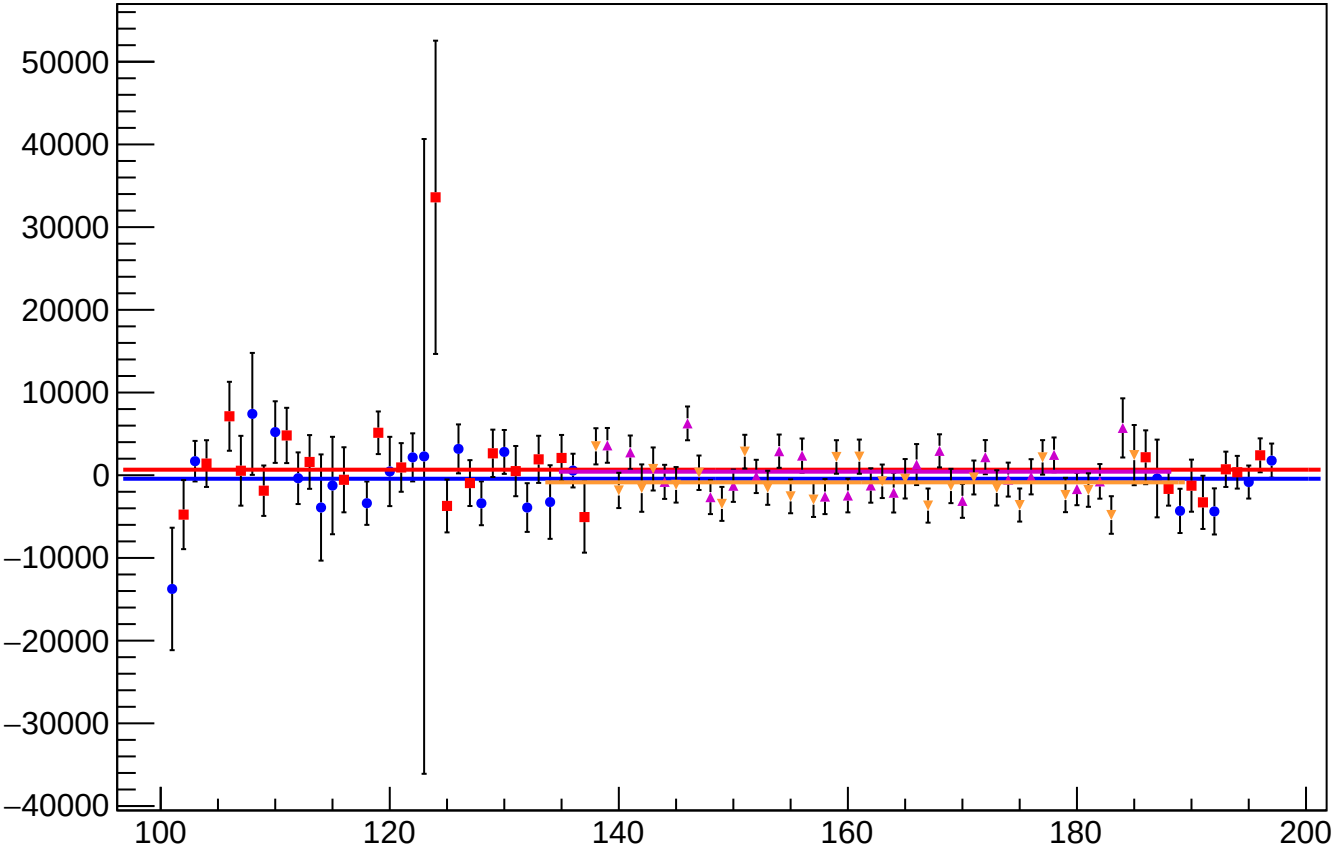
Left In: 1973.216+/-0.334 χ^2/NDF:120479.3/22

+ sign 2031.316+/-0.276 χ^2/NDF: 962573.2/46

All: 2031.306+/-0.193 χ^2/NDF: 2006359.9/94

- sign 2031.296+/-0.271 χ^2/NDF: 1043786.7/47

dit_asym_at1_dd_mean vs Slug



Right In: -425.961+/-651.527 χ^2/NDF: 21.4/21

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

Right Out: 671.790+/-583.801 χ^2/NDF: 21.7/24

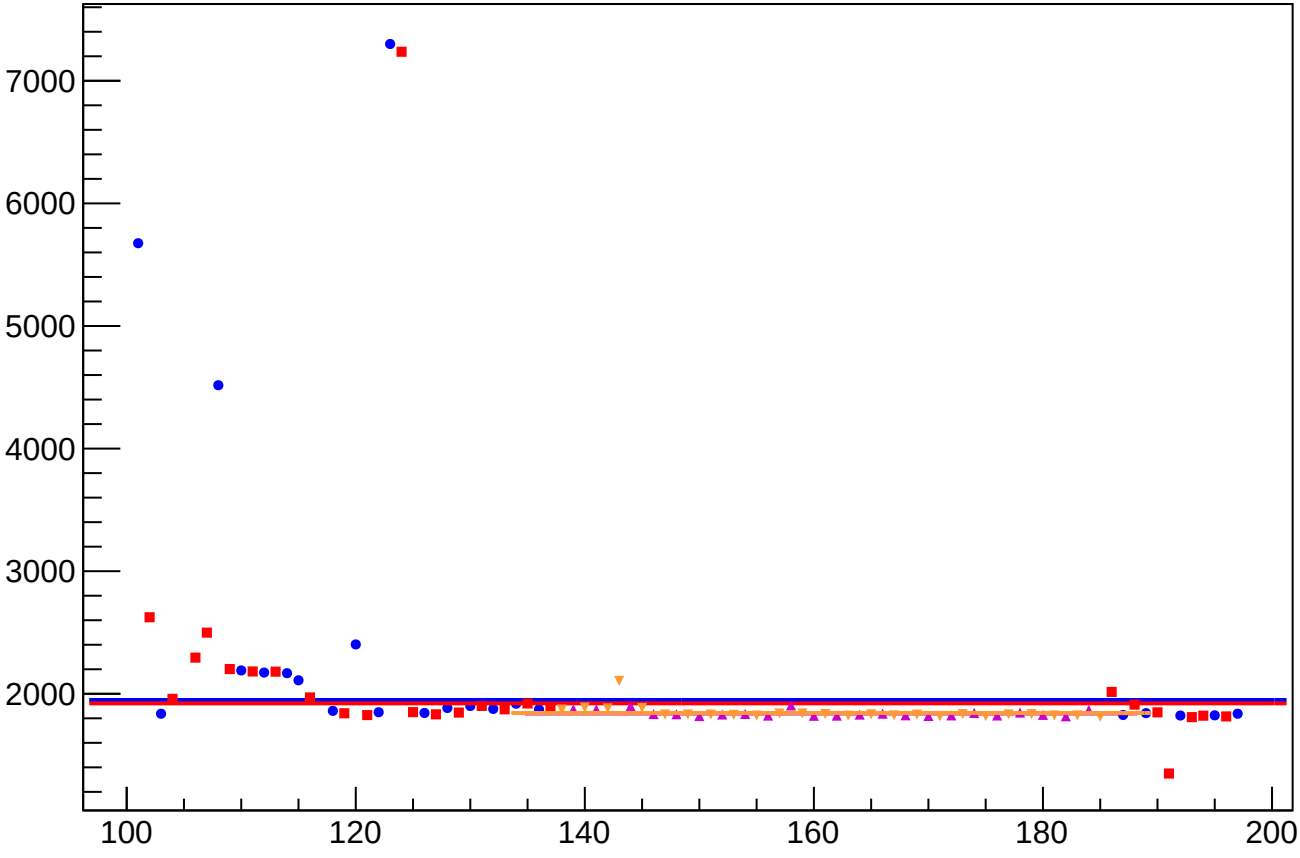
Left In: 427.682+/-439.561 χ^2/NDF:33.7/22

+ sign -726.732+/-359.734 χ^2/NDF: 48.6/46

All: -90.369+/-251.282 χ^2/NDF: 110.2/94

- sign 516.000+/-351.154 χ^2/NDF: 55.5/47

dit_asym_at1_dd_rms vs Slug



Right In: 1949.514+/-0.461 χ^2/NDF: 873747.0/21

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

Right Out: 1922.087+/-0.413 χ^2/NDF: 401382.7/24

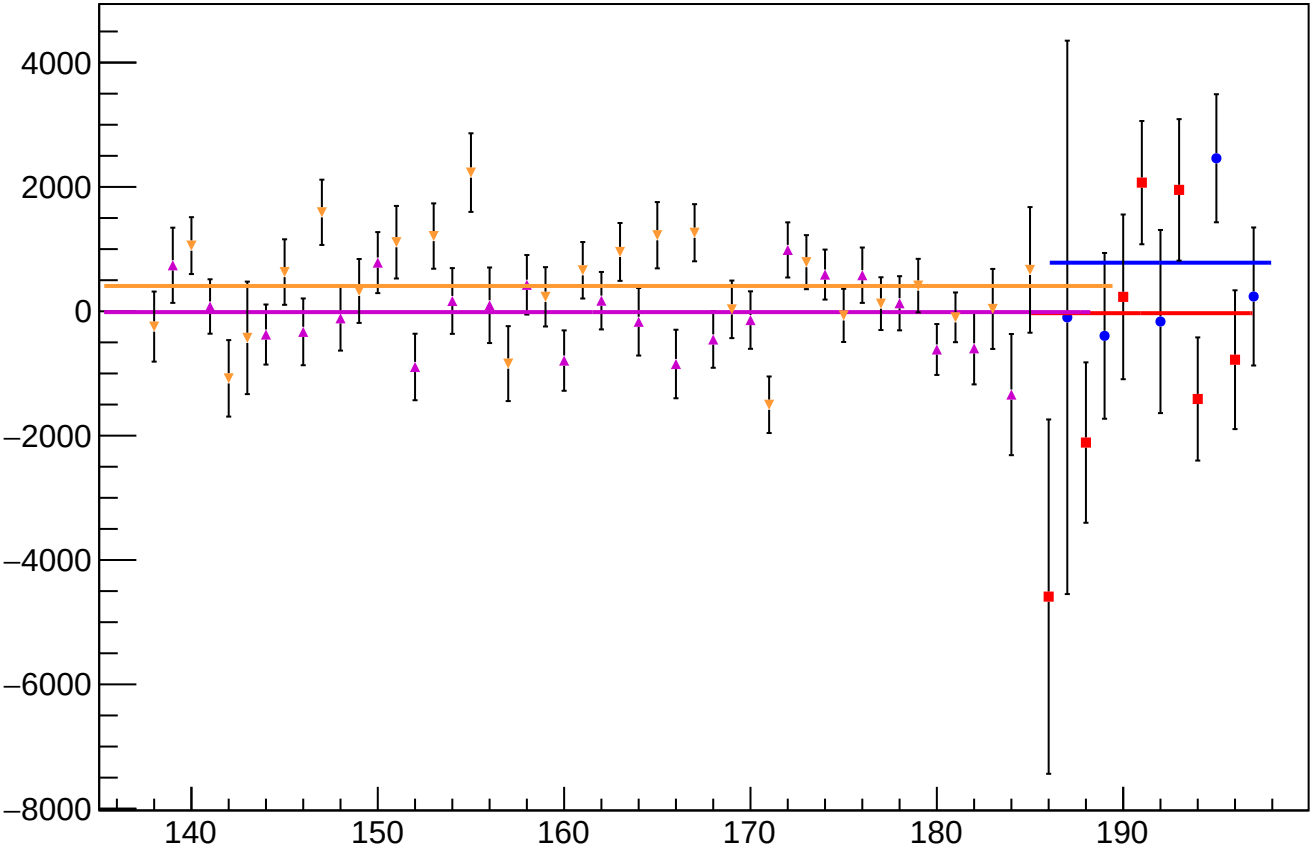
Left In: 1839.431+/-0.311 χ^2/NDF:6418.5/22

+ sign 1875.843+/-0.254 χ^2/NDF: 935507.9/46

All: 1872.511+/-0.178 χ^2/NDF: 1369230.1/94

- sign 1869.336+/-0.248 χ^2/NDF: 433387.2/47

asym_at1_dd_correction_mean vs Slug



Right In: 781.474+/-594.531 χ^2/NDF: 4.1/4

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

Right Out: -30.441+/-451.456 χ^2/NDF: 15.1/6

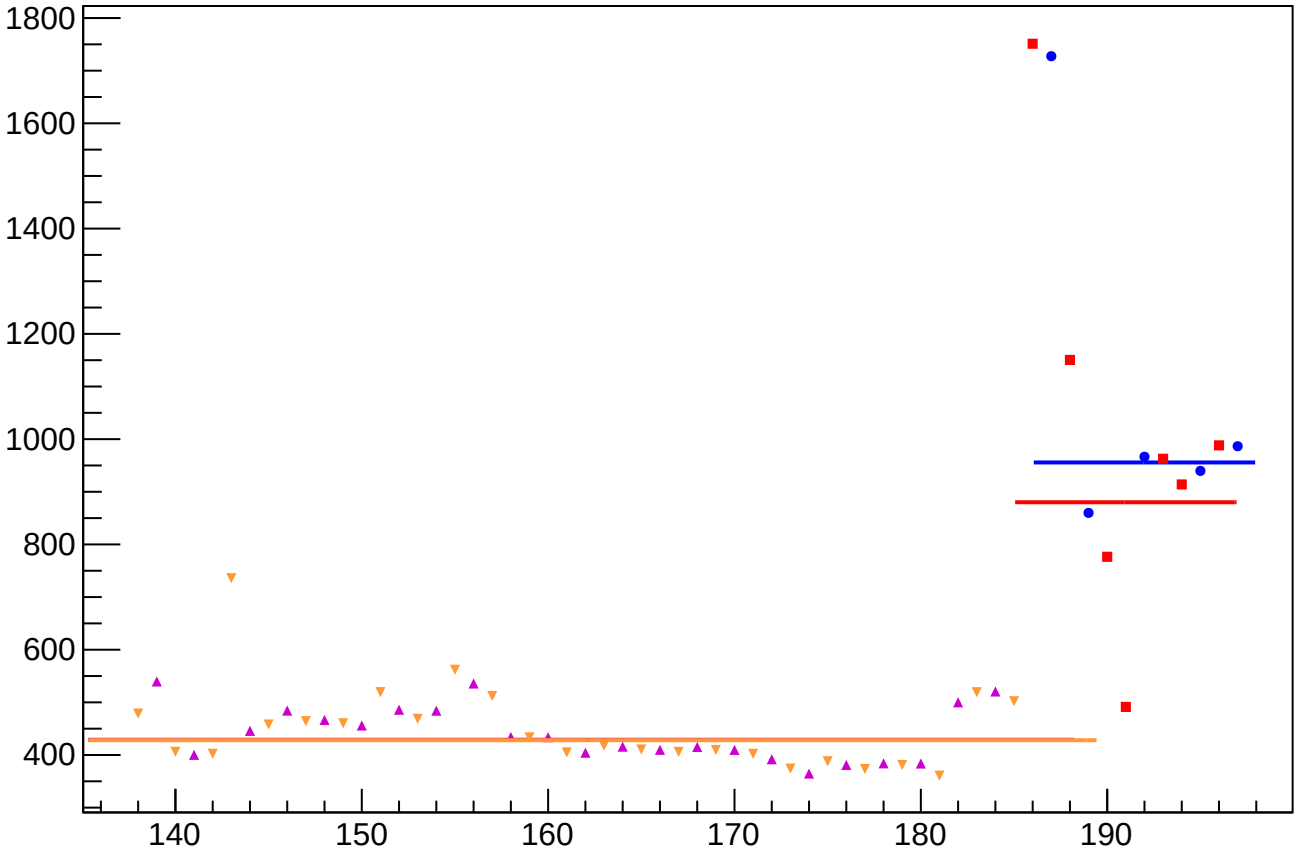
Left In: -13.395+/-102.912 χ^2/NDF:29.2/22

+ sign 417.860+/-99.785 χ^2/NDF: 66.6/29

All: 203.005+/-70.754 χ^2/NDF: 120.3/59

- sign -14.237+/-100.338 χ^2/NDF: 44.4/29

asym_at1_dd_correction_rms vs Slug



Right In: 955.729+/-0.420 χ^2/NDF: 72608.4/4

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

Right Out: 880.130+/-0.319 χ^2/NDF: 626294.0/6

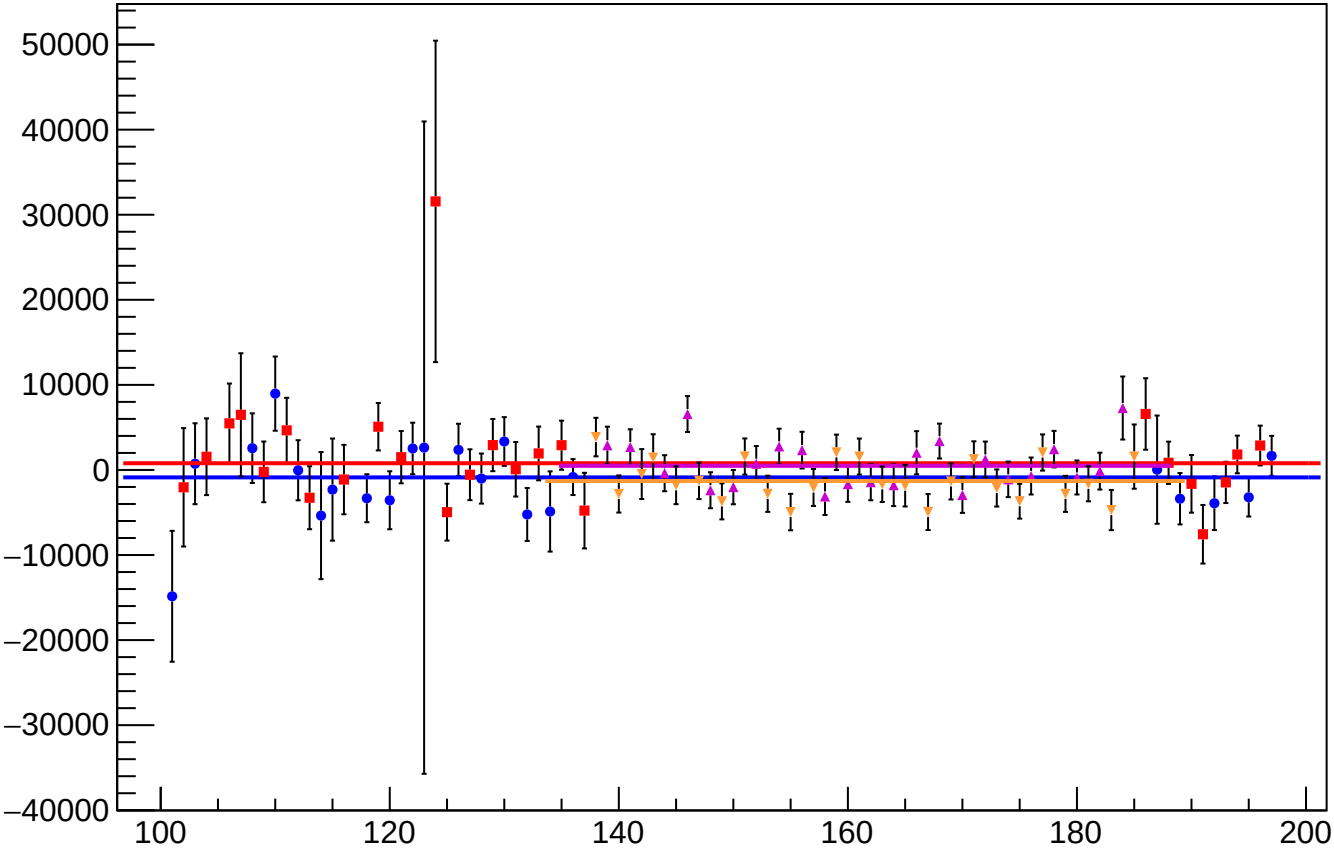
Left In: 428.926+/-0.073 χ^2/NDF:418755.3/22

+ sign 442.917+/-0.071 χ^2/NDF: 2308454.7/29

All: 447.043+/-0.050 χ^2/NDF: 5259464.0/59

- sign 451.215+/-0.071 χ^2/NDF: 2944132.0/29

asym_at1_dd_mean vs Slug



Right In: -874.931+/-716.492 χ^2/NDF: 22.2/21

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

Right Out: 789.008+/-663.062 χ^2/NDF: 25.5/24

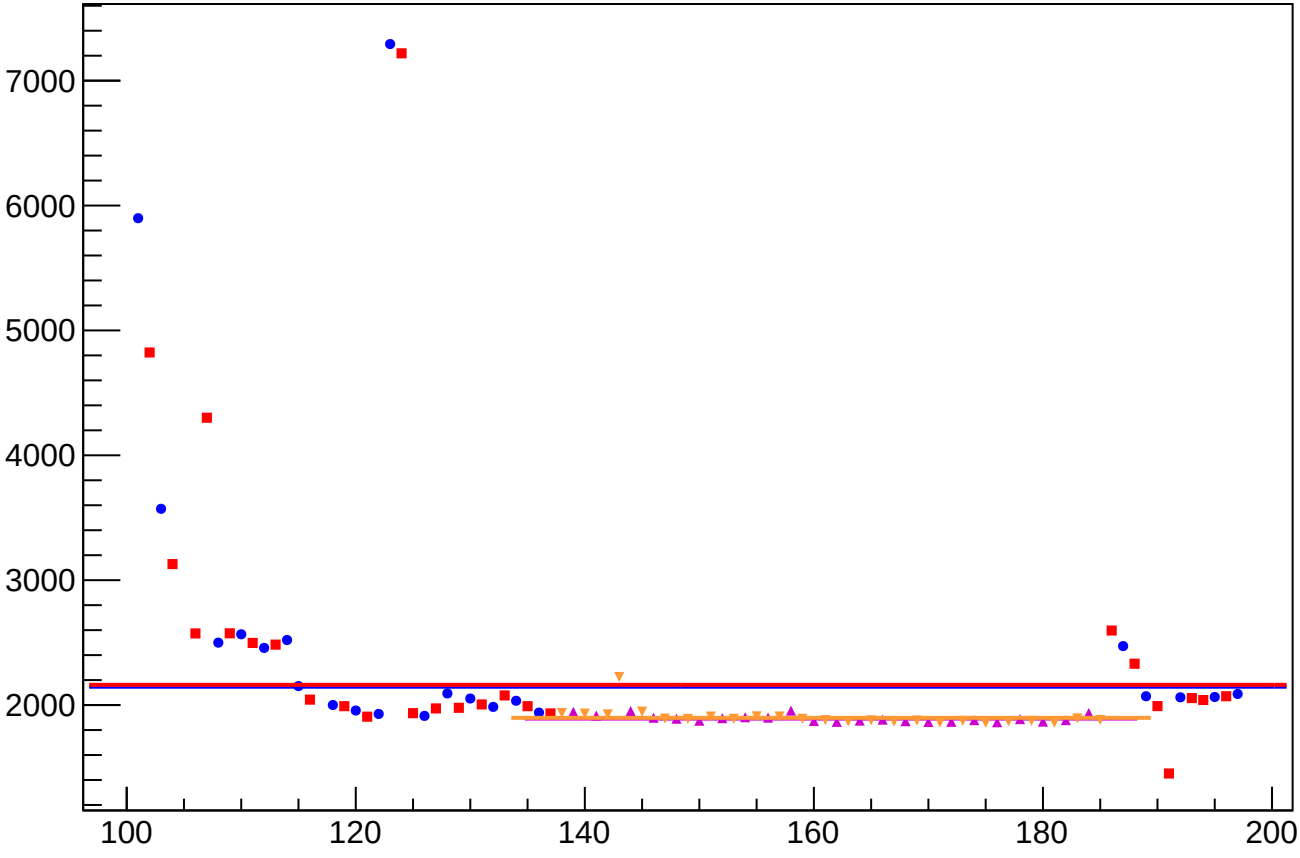
Left In: 485.827+/-452.020 χ^2/NDF:32.4/22

+ sign -1177.777+/-377.503 χ^2/NDF: 52.0/46

All: -288.473+/-265.504 χ^2/NDF: 121.1/94

- sign 582.021+/-373.489 χ^2/NDF: 58.0/47

asym_at1_dd_rms vs Slug



Right In: 2146.993+/-0.507 χ^2/NDF: 819060.2/21

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

Right Out: 2161.949+/-0.469 χ^2/NDF: 974516.0/24

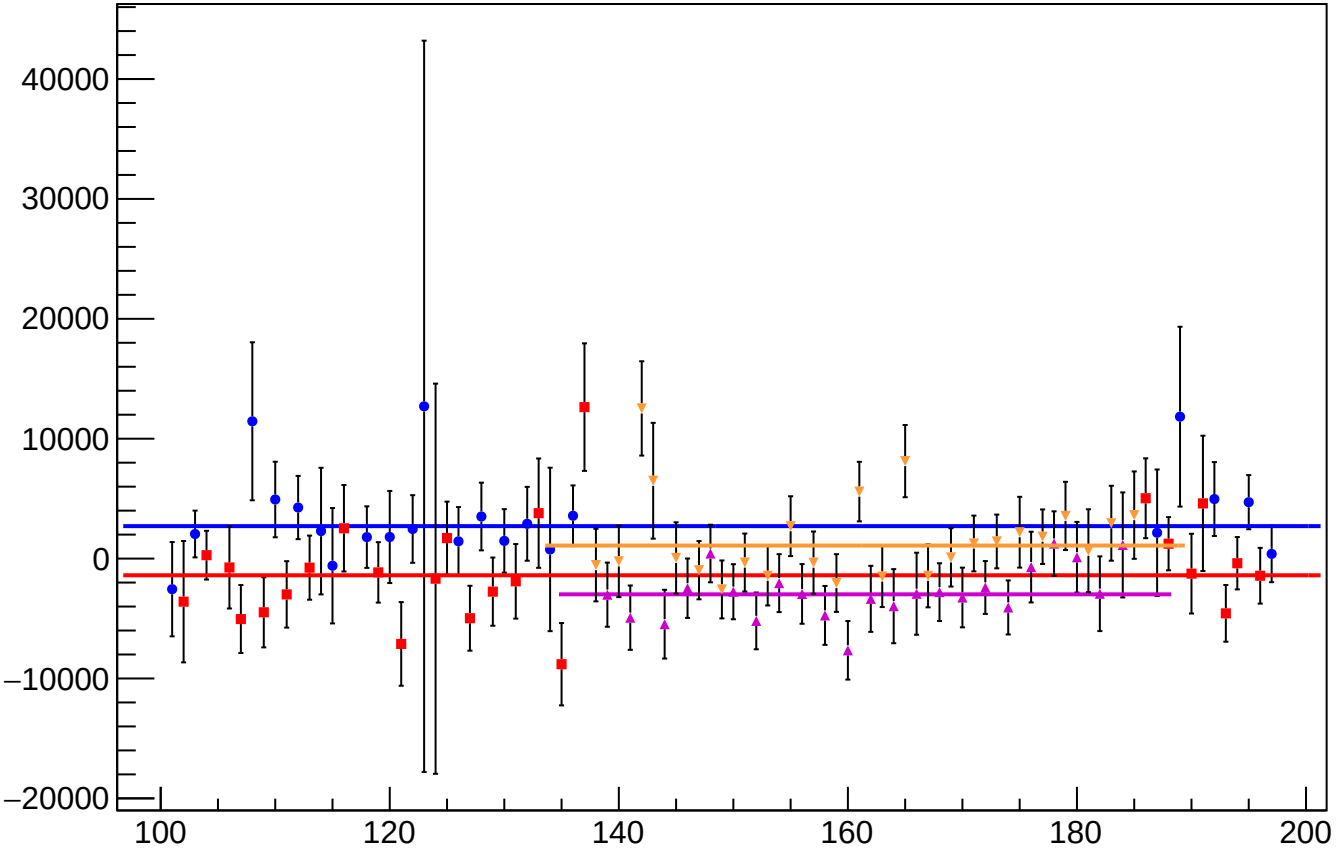
Left In: 1891.722+/-0.320 χ^2/NDF:7584.2/22

+ sign 1966.882+/-0.267 χ^2/NDF: 1029098.2/46

All: 1972.228+/-0.188 χ^2/NDF: 2238779.6/94

- sign 1977.461+/-0.264 χ^2/NDF: 1208887.7/47

dit_asym_at2_avg_mean vs Slug



Right In: 2707.093+/-669.851 χ^2/NDF: 9.8/21

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

Right Out: -1391.995+/-594.705 χ^2/NDF: 32.2/24

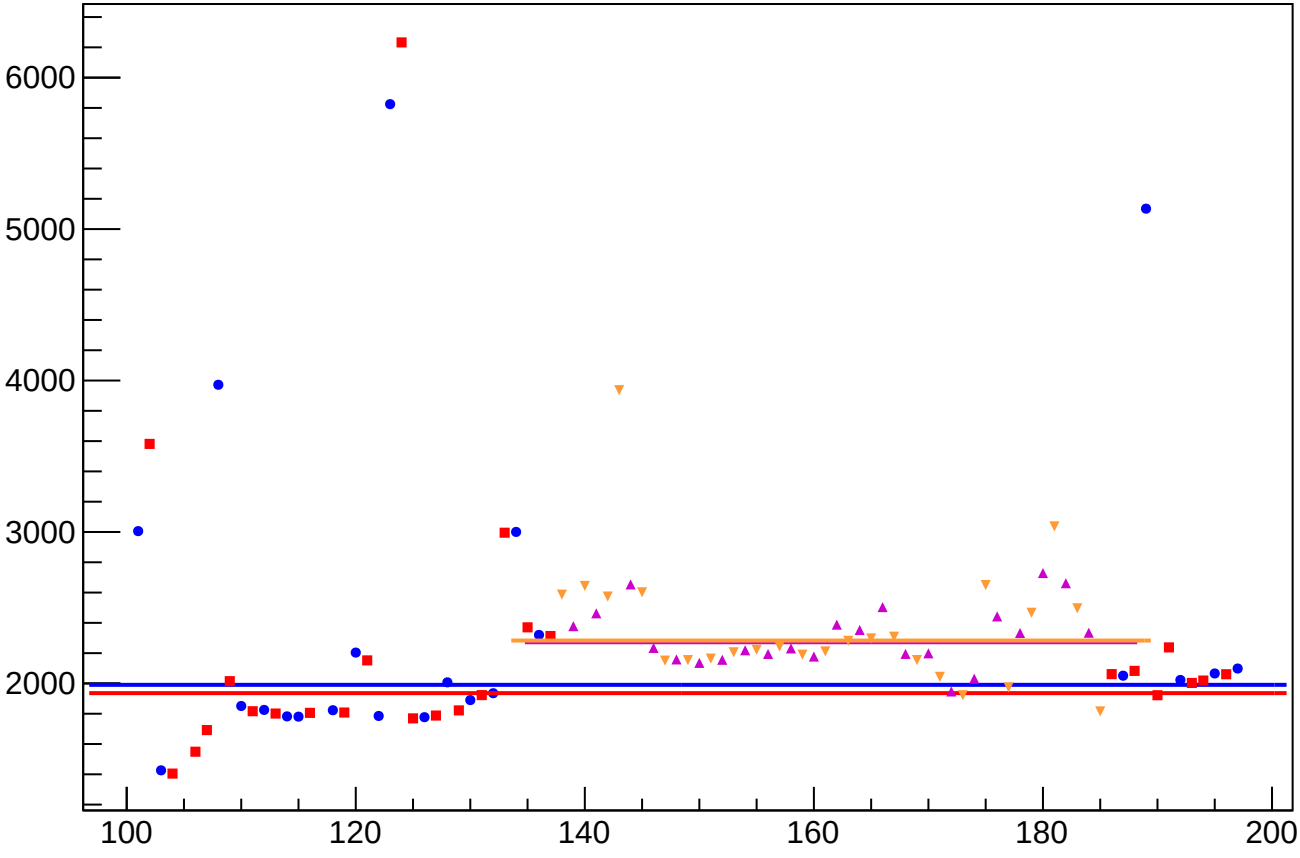
Left In: -2981.160+/-546.107 χ^2/NDF:14.0/22

+ sign 1727.099+/-420.869 χ^2/NDF: 43.2/46

All: -353.579+/-290.790 χ^2/NDF: 140.0/94

- sign -2254.152+/-402.241 χ^2/NDF: 50.1/47

dit_asym_at2_avg_rms vs Slug



Right In: 1990.766+/-0.474 χ^2/NDF: 1007917.2/21

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

Right Out: 1935.992+/-0.420 χ^2/NDF: 746558.9/24

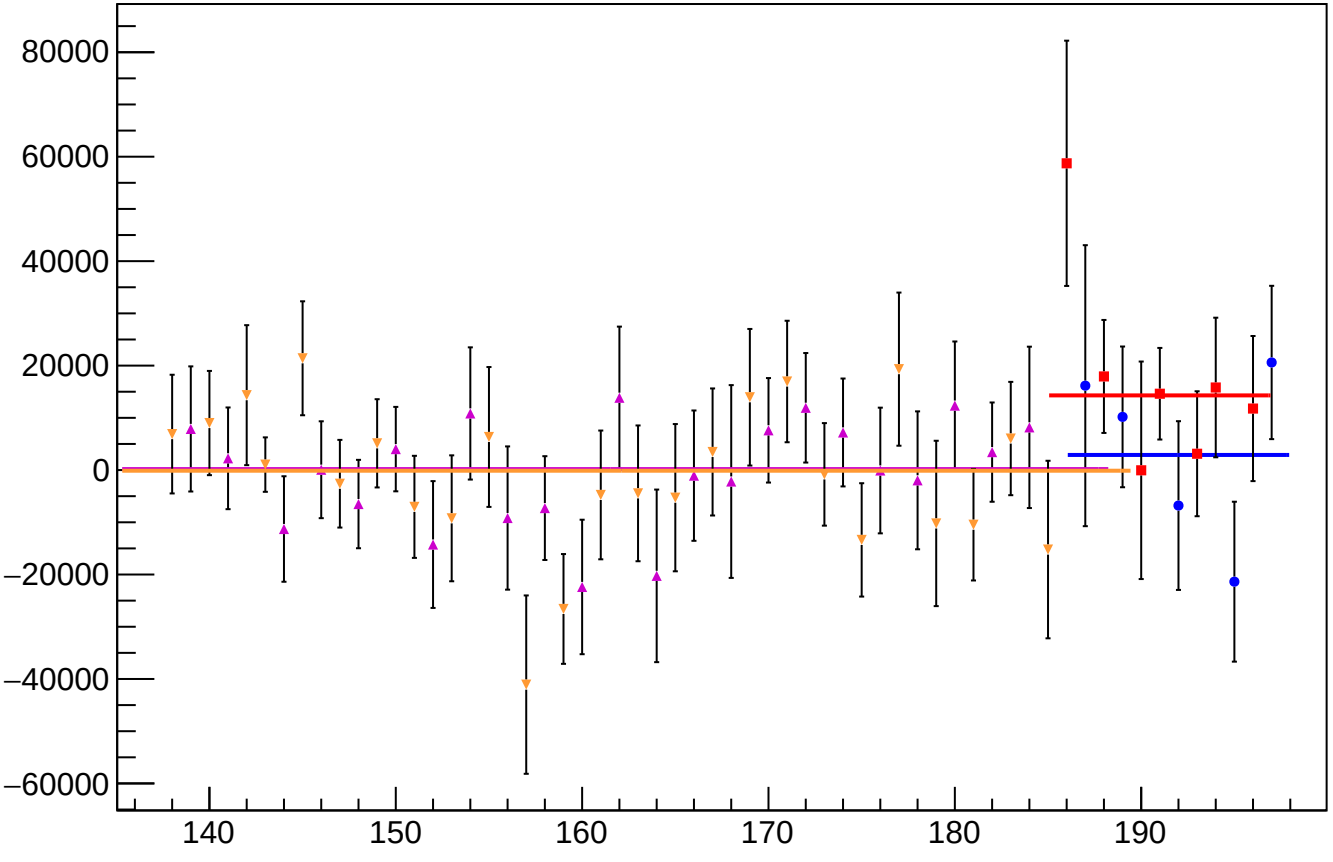
Left In: 2271.946+/-0.386 χ^2/NDF:243546.3/22

+ sign 2167.760+/-0.298 χ^2/NDF: 1873058.5/46

All: 2141.876+/-0.206 χ^2/NDF: 3223945.4/94

- sign 2118.234+/-0.284 χ^2/NDF: 1336412.0/47

asym_at2_avg_correction_mean vs Slug



Right In: 2894.669+/-7137.327 χ^2/NDF: 4.9/4

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

Right Out: 14297.219+/-4798.100 χ^2/NDF: 5.1/6

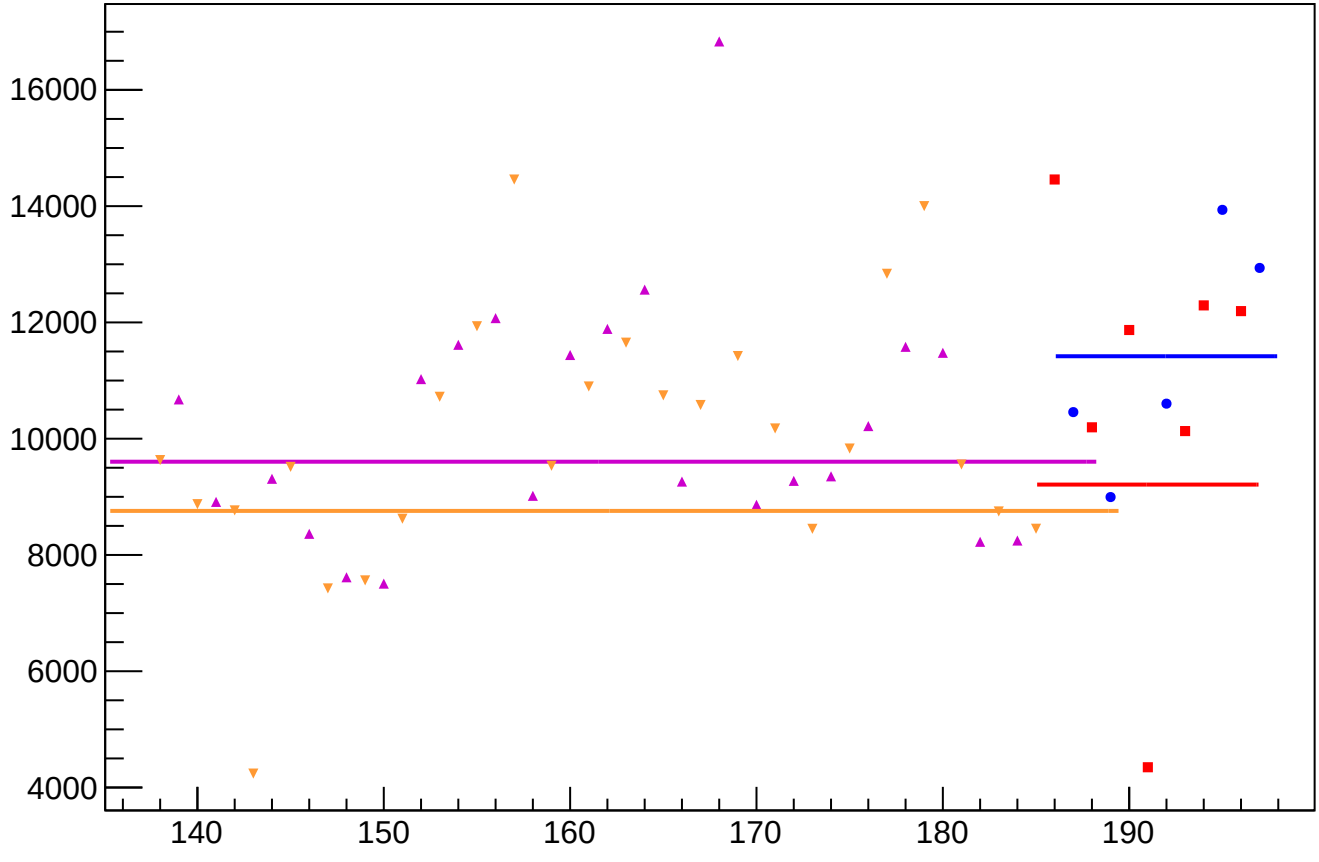
Left In: 185.013+/-2330.398 χ^2/NDF:15.0/22

+ sign 125.074+/-2051.579 χ^2/NDF: 34.7/29

All: 1472.209+/-1466.217 χ^2/NDF: 62.7/59

- sign 2878.620+/-2096.230 χ^2/NDF: 27.1/29

asym_at2_avg_correction_rms vs Slug



Right In: 11418.112+/-5.047 χ^2/NDF: 147821.4/4

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

Right Out: 9210.564+/-3.393 χ^2/NDF: 974363.3/6

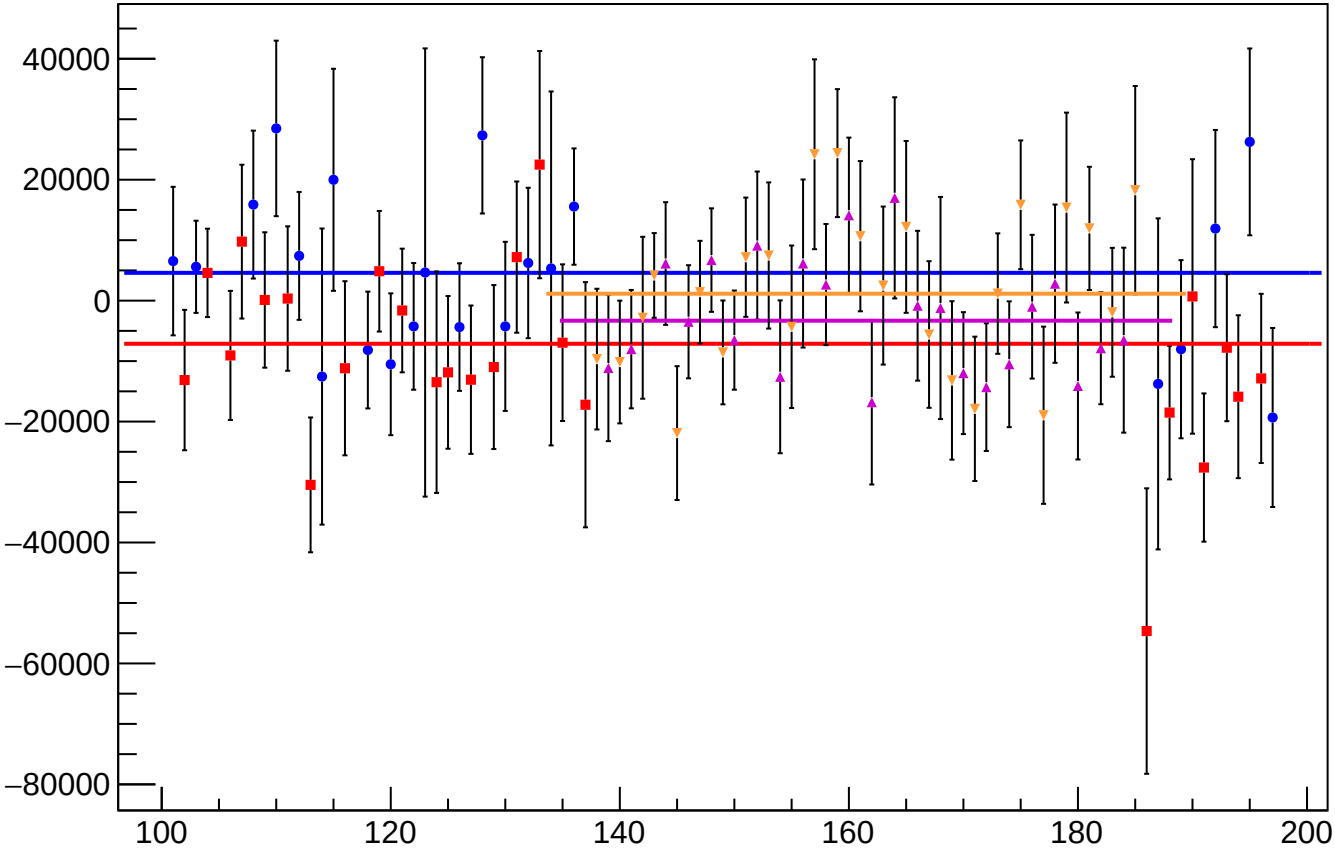
Left In: 9604.027+/-1.648 χ^2/NDF:1095805.7/22

+ sign 8977.622+/-1.451 χ^2/NDF: 3181823.7/29

All: 9247.340+/-1.037 χ^2/NDF: 5333531.8/59

- sign 9528.927+/-1.482 χ^2/NDF: 2081051.2/29

asym_at2_avg_mean vs Slug



Right In: 4600.047+/-2735.240 χ^2/NDF: 20.5/21

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

Right Out: -7131.758+/-2473.075 χ^2/NDF: 24.9/24

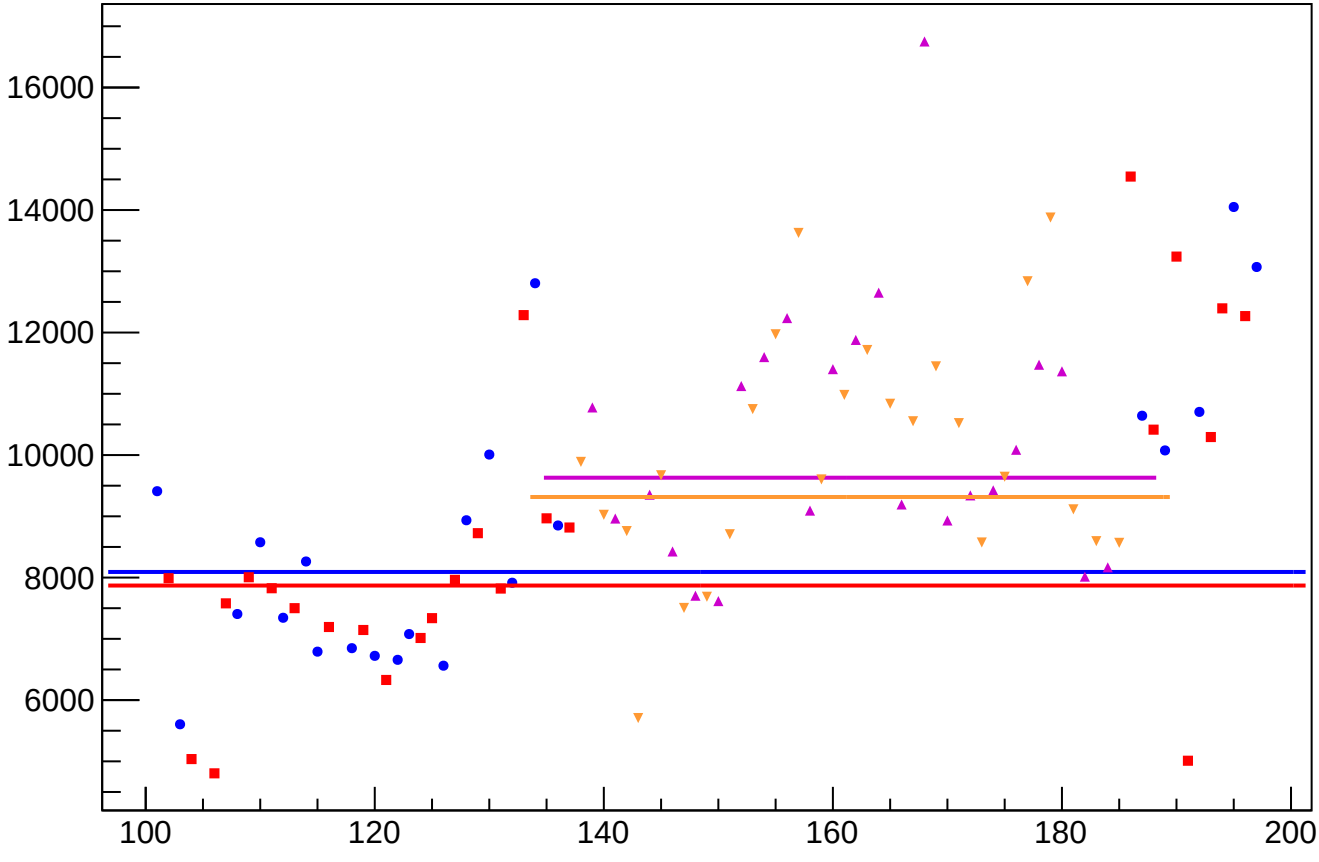
Left In: -3316.960+/-2336.196 χ^2/NDF:13.4/22

+ sign 2526.407+/-1729.466 χ^2/NDF: 49.3/46

All: -1364.281+/-1211.737 χ^2/NDF: 98.8/94

- sign -5115.873+/-1698.269 χ^2/NDF: 39.6/47

asym_at2_avg_rms vs Slug



Right In: 8091.719+/-1.934 χ^2/NDF: 1145537.5/21

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

Right Out: 7869.999+/-1.749 χ^2/NDF: 1665159.6/24

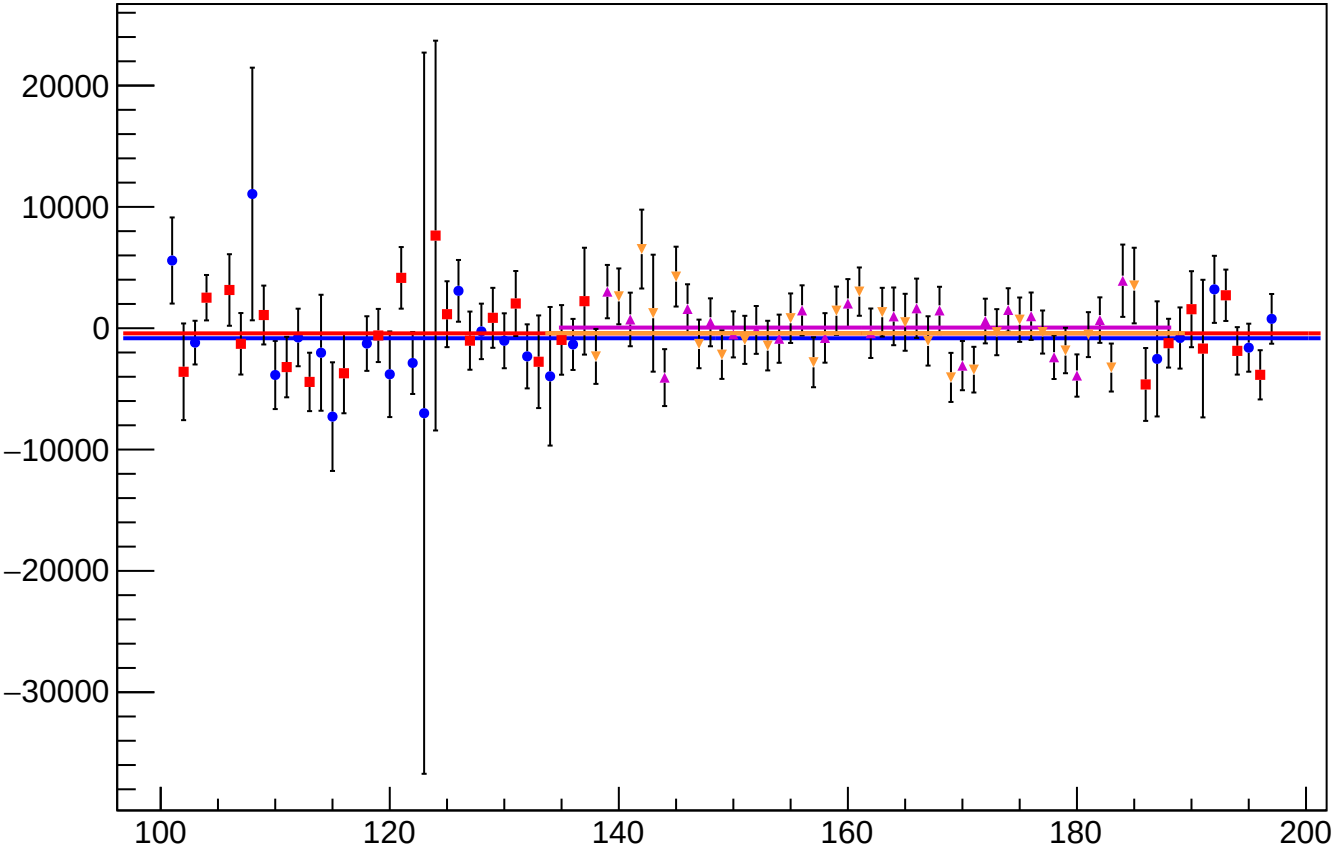
Left In: 9630.345+/-1.652 χ^2/NDF:1074643.5/22

+ sign 8826.168+/-1.223 χ^2/NDF: 2889313.2/46

All: 8812.918+/-0.857 χ^2/NDF: 6164888.6/94

- sign 8800.143+/-1.201 χ^2/NDF: 3275344.8/47

dit_asym_at2_dd_mean vs Slug



Right In: -826.673+/-577.940 χ^2/NDF: 15.5/21

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

Right Out: -423.226+/-523.040 χ^2/NDF: 24.0/24

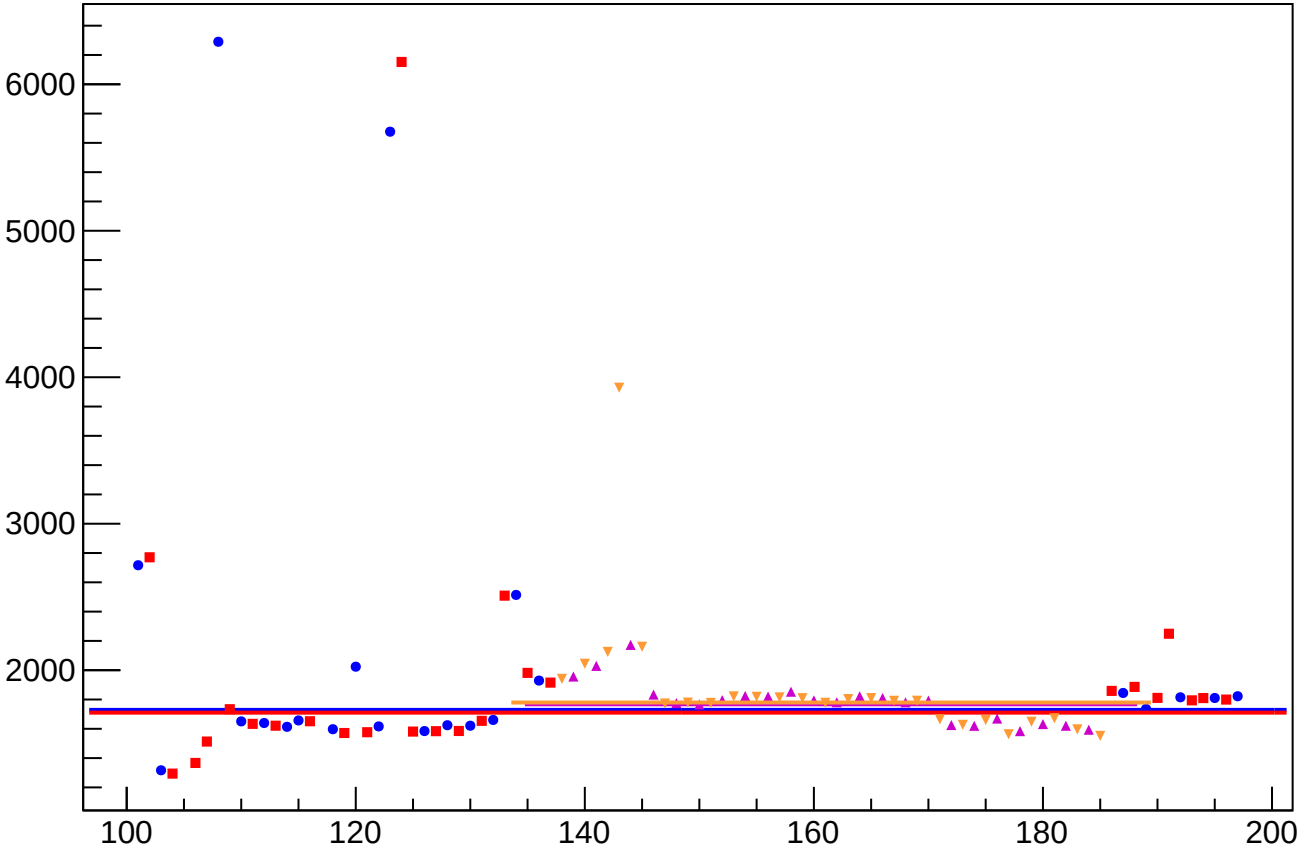
Left In: 53.539+/-422.570 χ^2/NDF:20.9/22

+ sign -549.332+/-339.358 χ^2/NDF: 44.8/46

All: -335.430+/-236.104 χ^2/NDF: 90.9/94

- sign -134.752+/-328.699 χ^2/NDF: 45.4/47

dit_asym_at2_dd_rms vs Slug



Right In: 1729.130+/-0.409 χ^2/NDF: 792732.4/21

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

Right Out: 1710.326+/-0.370 χ^2/NDF: 630182.8/24

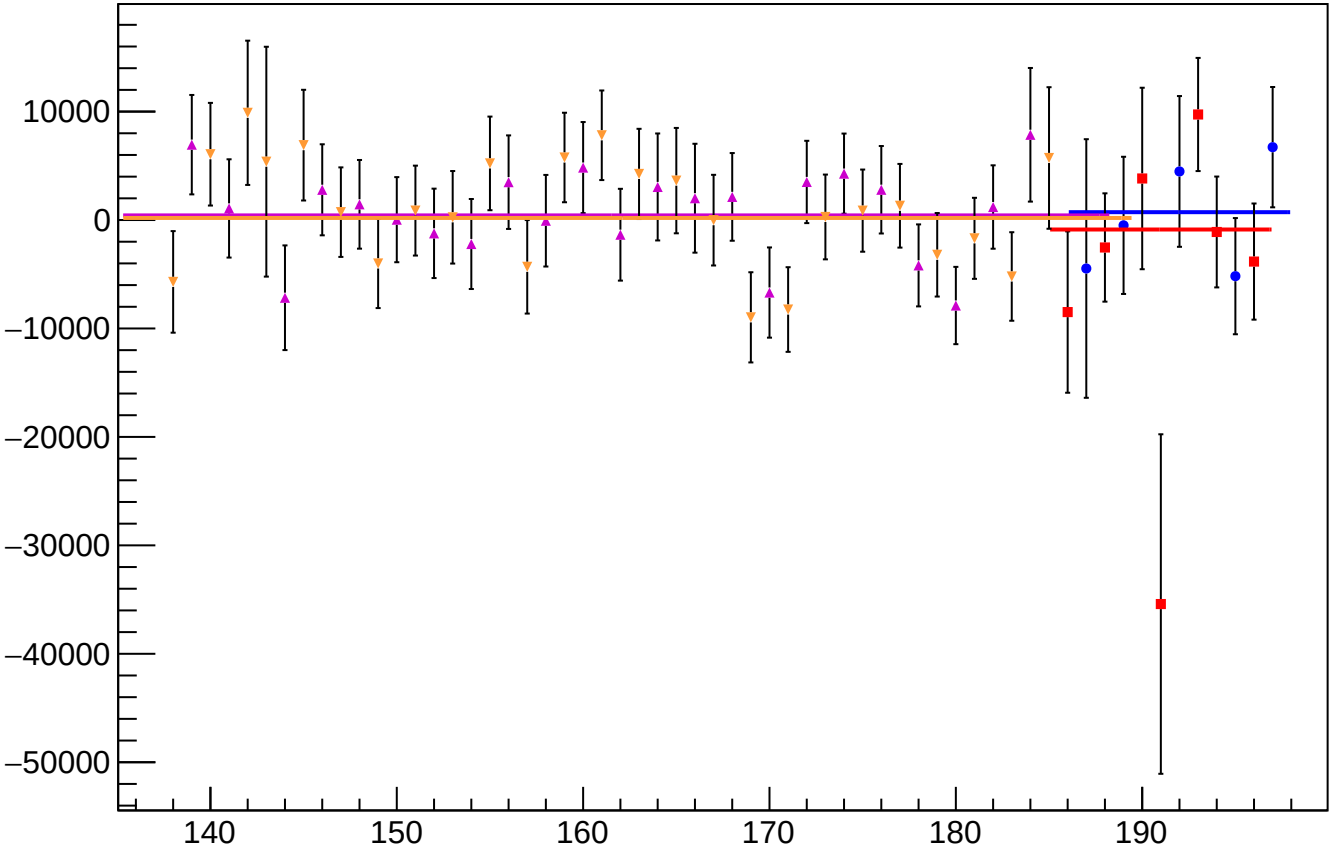
Left In: 1767.314+/-0.299 χ^2/NDF:196583.8/22

+ sign 1762.090+/-0.240 χ^2/NDF: 1413585.4/46

All: 1753.173+/-0.167 χ^2/NDF: 2257394.1/94

- sign 1744.807+/-0.232 χ^2/NDF: 841132.3/47

asym_at2_dd_correction_mean vs Slug



Right In: 724.020+/-2886.074 χ^2/NDF: 2.9/4

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

Right Out: -874.350+/-2316.147 χ^2/NDF: 10.8/6

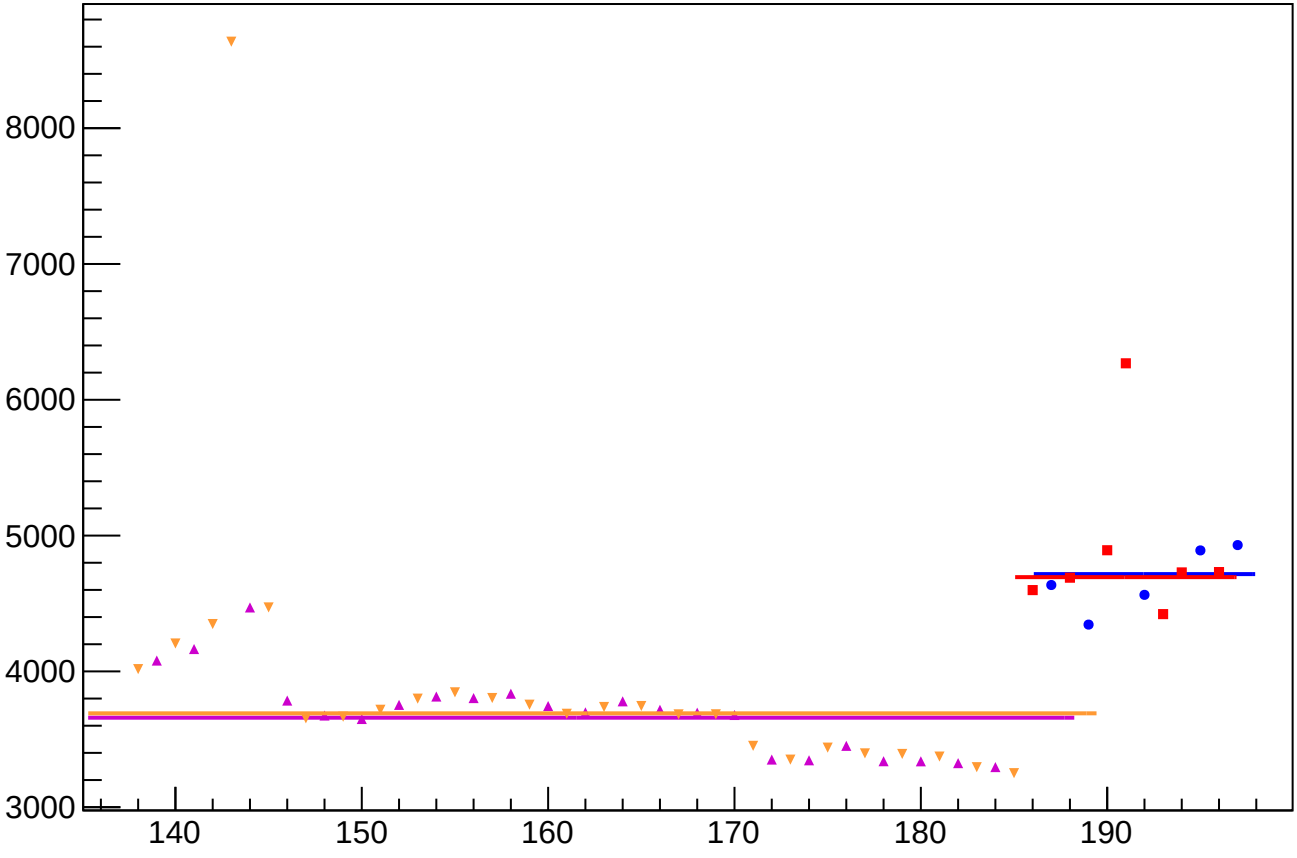
Left In: 426.004+/-874.870 χ^2/NDF:21.3/22

+ sign 235.488+/-832.899 χ^2/NDF: 33.5/29

All: 249.810+/-583.766 χ^2/NDF: 65.9/59

- sign 263.639+/-818.431 χ^2/NDF: 32.3/29

asym_at2_dd_correction_rms vs Slug



Right In: 4716.443+/-2.041 χ^2/NDF: 13056.2/4

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

Right Out: 4694.066+/-1.638 χ^2/NDF: 27332.7/6

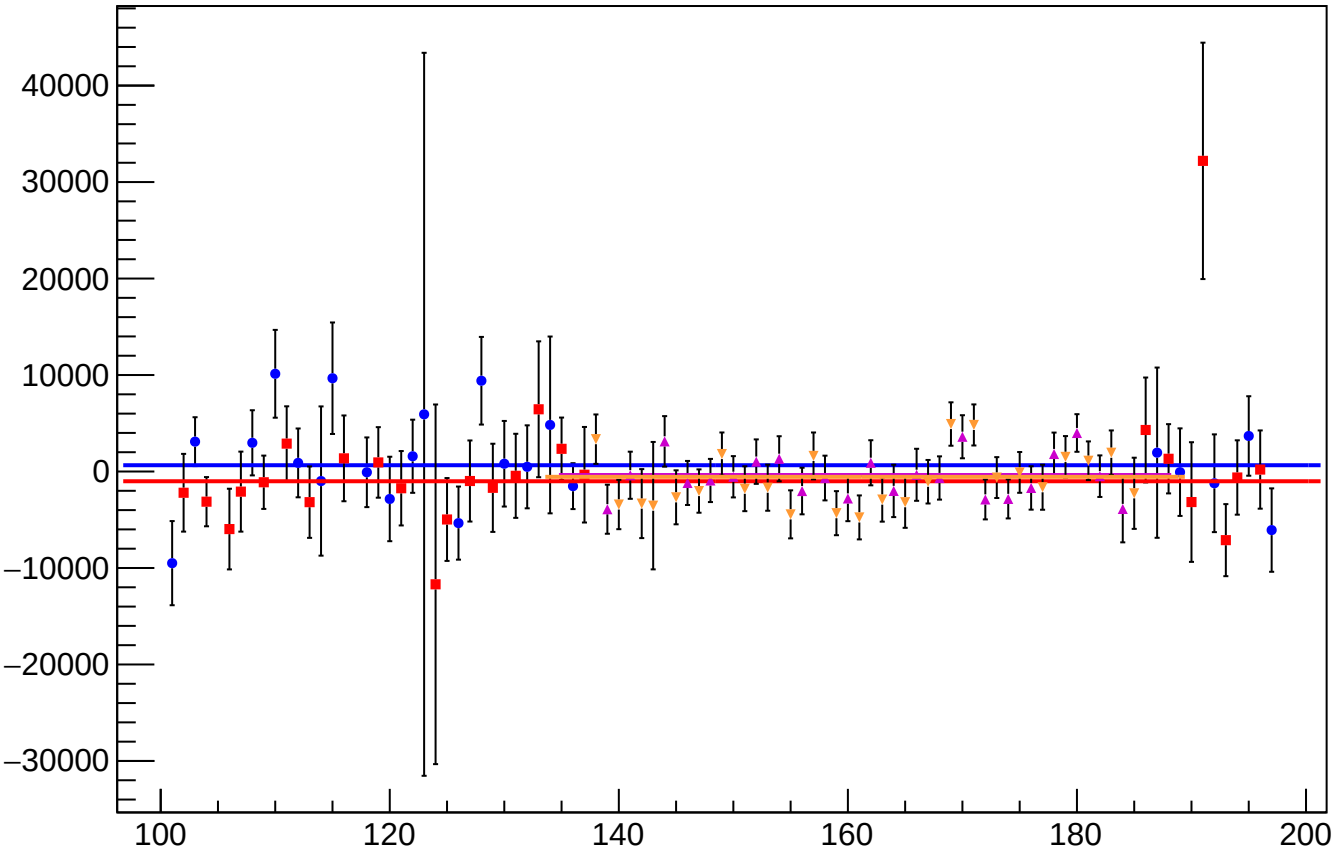
Left In: 3659.086+/-0.619 χ^2/NDF:198077.1/22

+ sign 3776.564+/-0.589 χ^2/NDF: 883907.4/29

All: 3782.544+/-0.413 χ^2/NDF: 1459016.3/59

- sign 3788.318+/-0.579 χ^2/NDF: 574906.2/29

asym_at2_dd_mean vs Slug



Right In: 651.607+/-879.230 χ^2/NDF: 24.8/21

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

Right Out: -1009.509+/-814.107 χ^2/NDF: 19.3/24

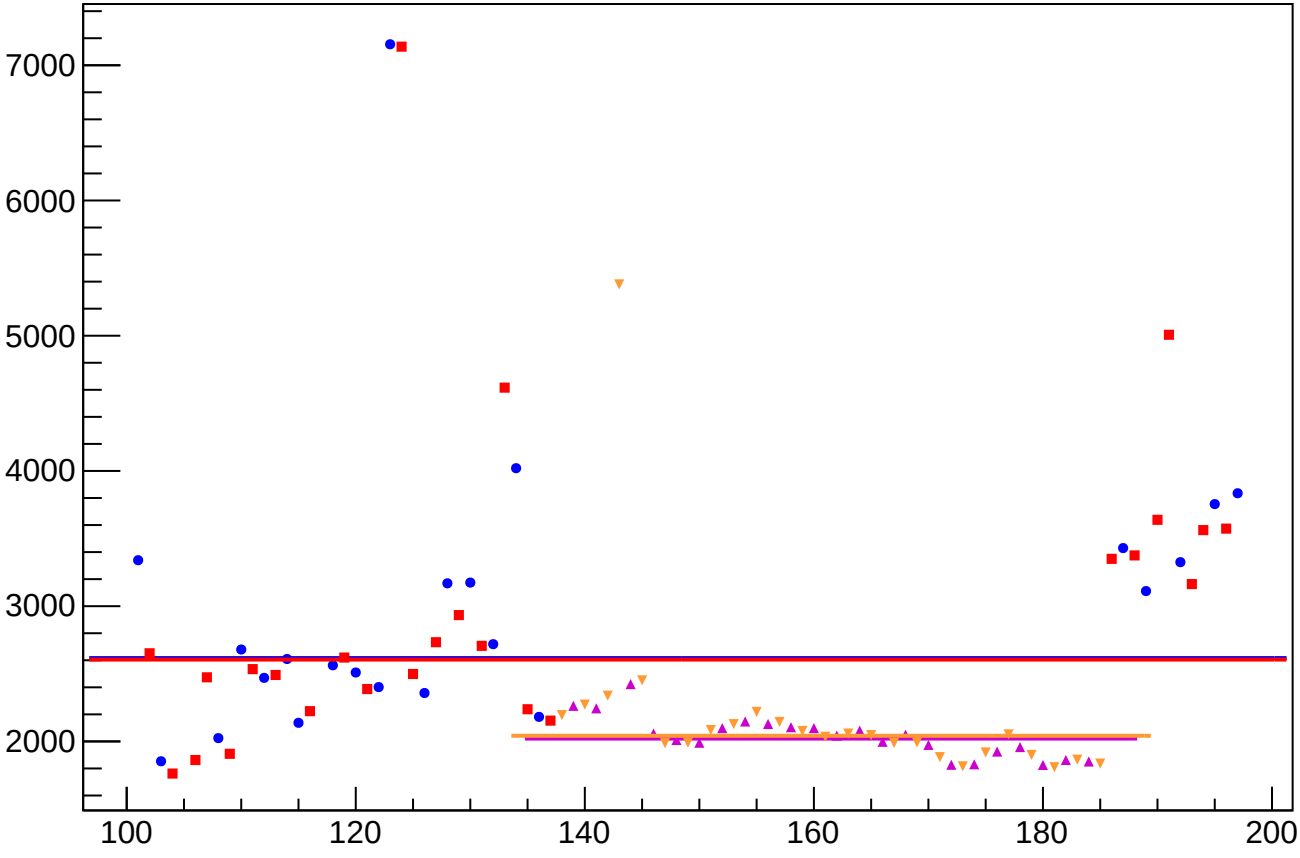
Left In: -366.243+/-483.092 χ^2/NDF:20.5/22

+ sign -273.742+/-422.406 χ^2/NDF: 60.3/46

All: -405.911+/-296.197 χ^2/NDF: 100.7/94

- sign -533.765+/-415.453 χ^2/NDF: 40.3/47

asym_at2_dd_rms vs Slug



Right In: 2616.233+/-0.622 χ^2/NDF: 930531.0/21

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

Right Out: 2605.258+/-0.576 χ^2/NDF: 1317257.5/24

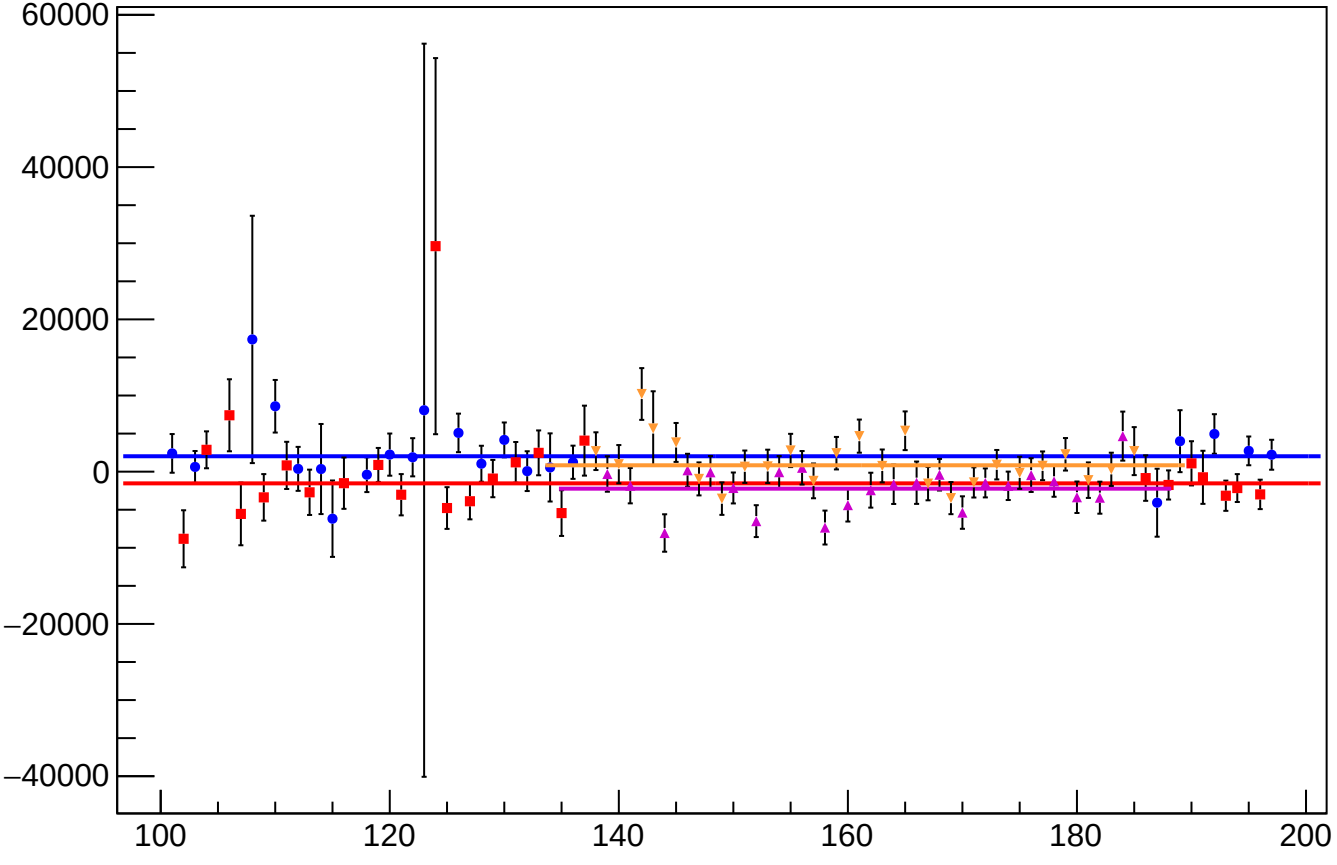
Left In: 2021.065+/-0.342 χ^2/NDF:178726.2/22

+ sign 2174.371+/-0.299 χ^2/NDF: 2294084.4/46

All: 2173.778+/-0.209 χ^2/NDF: 4551741.3/94

- sign 2173.203+/-0.294 χ^2/NDF: 2257649.1/47

dit_asym_atl_avg_mean vs Slug



Right In: 2022.844+/-590.122 χ^2/NDF: 16.1/21

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

Right Out: -1538.291+/-542.983 χ^2/NDF: 26.6/24

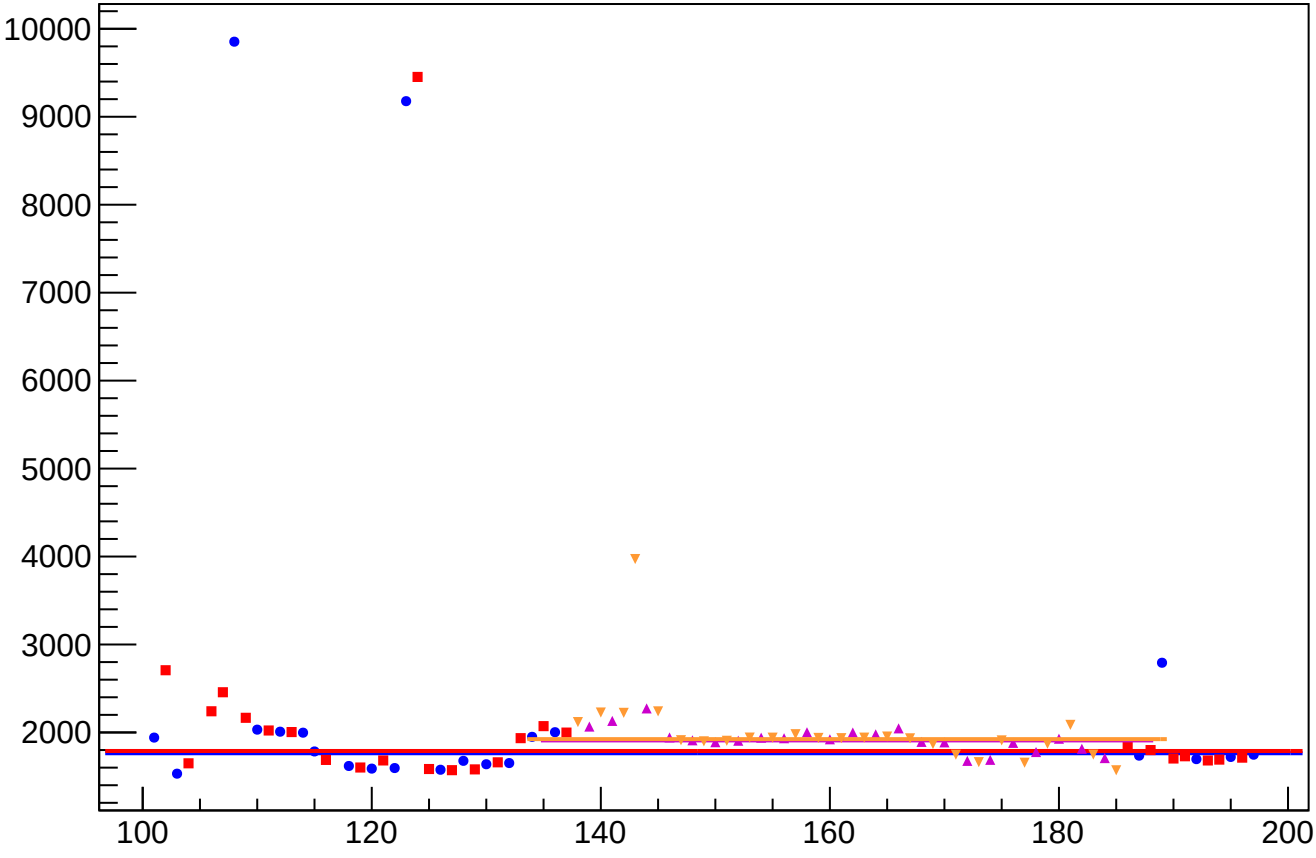
Left In: -2235.652+/-457.720 χ^2/NDF:31.0/22

+ sign 1278.788+/-360.083 χ^2/NDF: 50.9/46

All: -379.530+/-250.964 χ^2/NDF: 150.7/94

- sign -1945.961+/-349.965 χ^2/NDF: 58.5/47

dit_asym_atl_avg_rms vs Slug



Right In: 1763.620+/-0.417 χ^2/NDF: 814053.9/21

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

Right Out: 1789.390+/-0.384 χ^2/NDF: 555252.6/24

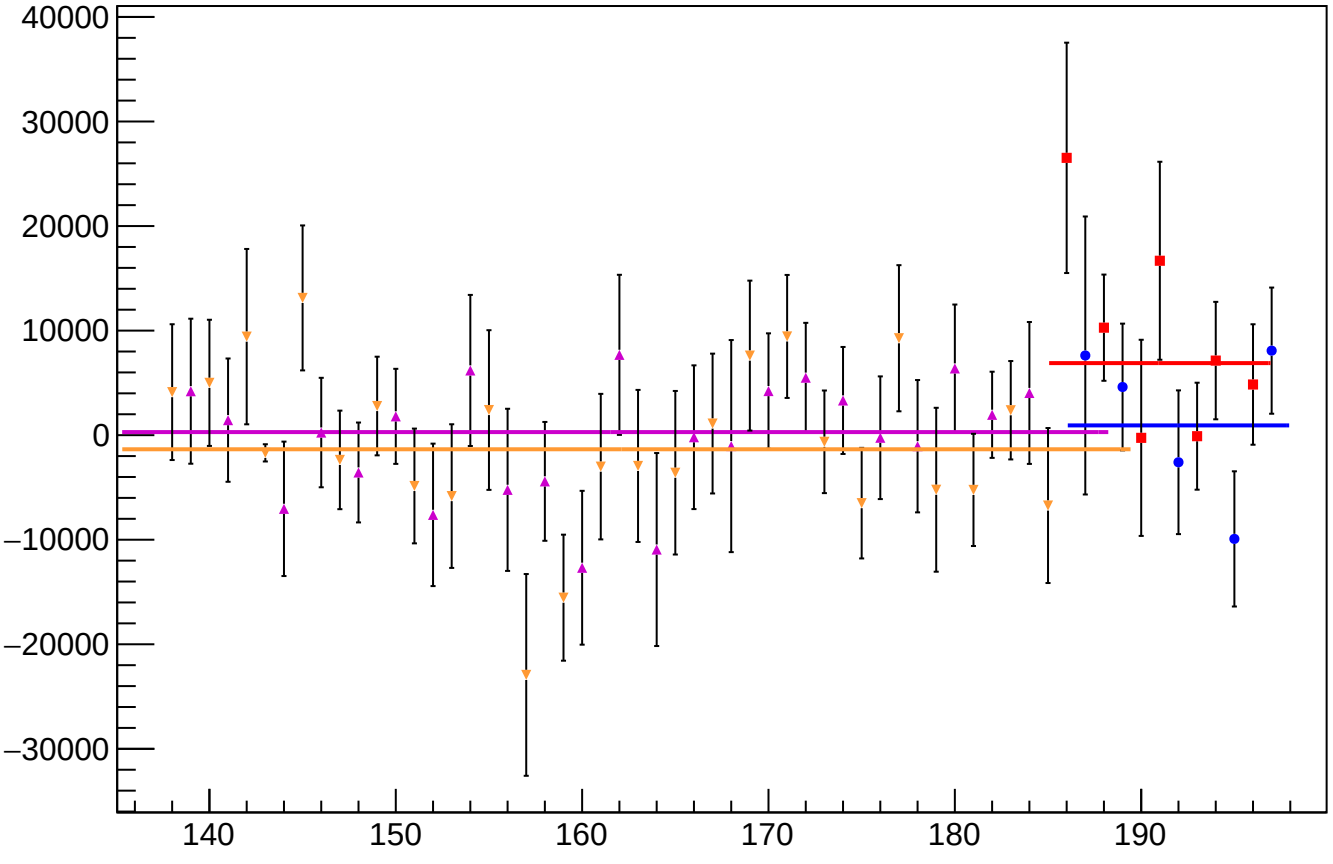
Left In: 1909.656+/-0.324 χ^2/NDF:164475.5/22

+ sign 1864.335+/-0.255 χ^2/NDF: 1490804.3/46

All: 1861.928+/-0.177 χ^2/NDF: 2268111.9/94

- sign 1859.655+/-0.247 χ^2/NDF: 777133.8/47

asym_atl_avg_correction_mean vs Slug



Right In: 933.696+/-3079.753 χ^2/NDF: 5.1/4

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

Right Out: 6891.889+/-2428.459 χ^2/NDF: 7.3/6

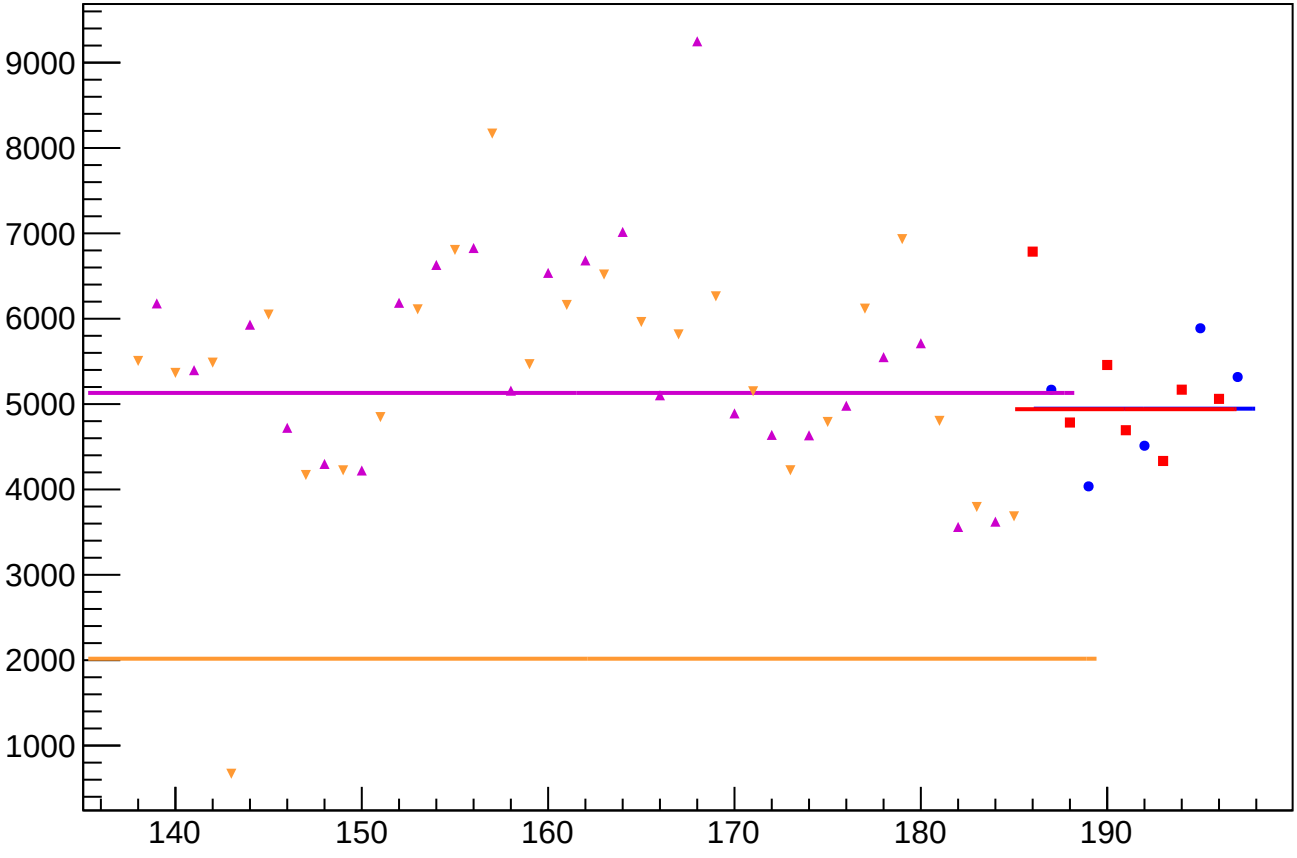
Left In: 294.047+/-1252.274 χ^2/NDF:14.5/22

+ sign -1240.253+/-673.920 χ^2/NDF: 36.5/29

All: -456.848+/-576.479 χ^2/NDF: 69.2/59

- sign 1679.958+/-1113.006 χ^2/NDF: 27.6/29

asym_atl_avg_correction_rms vs Slug



Right In: 4946.338+/-2.178 χ^2/NDF: 103637.0/4

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

Right Out: 4940.232+/-1.717 χ^2/NDF: 97797.6/6

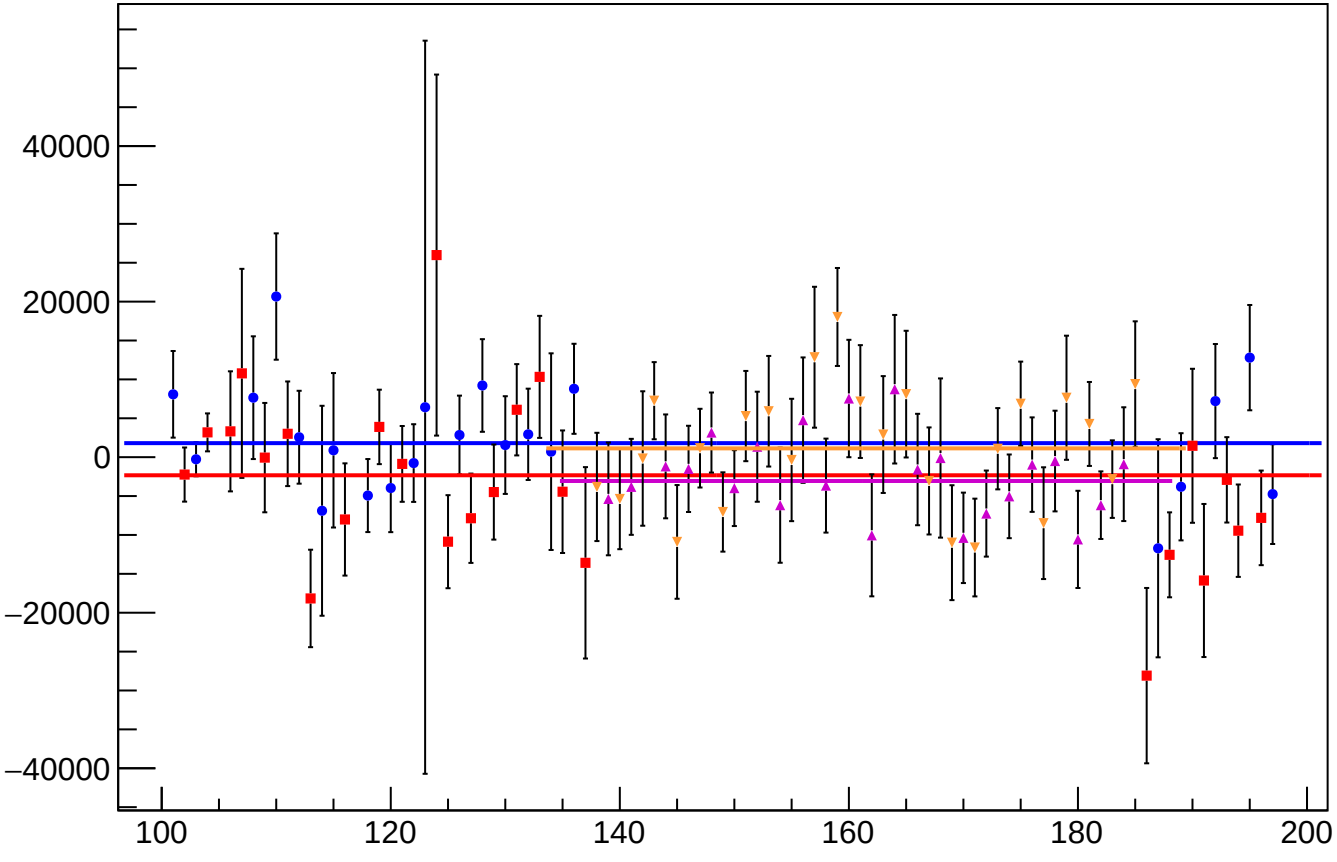
Left In: 5130.756+/-0.885 χ^2/NDF:1489813.1/22

+ sign 2157.500+/-0.477 χ^2/NDF: 20985861.9/29

All: 2944.399+/-0.408 χ^2/NDF: 32747548.7/5

- sign 5090.736+/-0.787 χ^2/NDF: 1597335.1/29

asym_atl_avg_mean vs Slug



Right In: 1804.625+/-1211.483 χ^2/NDF: 20.8/21

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

Right Out: -2328.393+/-1153.928 χ^2/NDF: 39.3/24

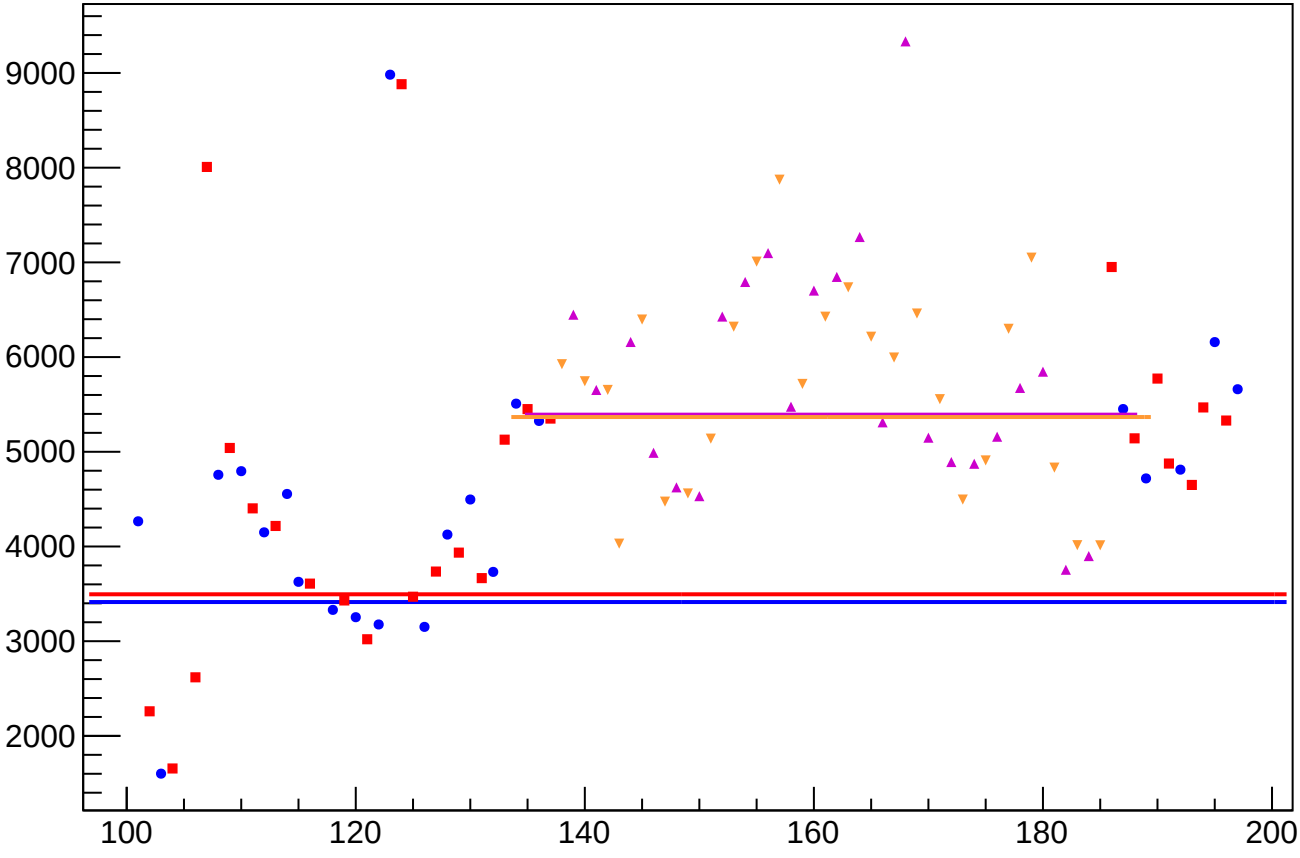
Left In: -3061.439+/-1313.197 χ^2/NDF:12.3/22

+ sign 1487.088+/-879.942 χ^2/NDF: 53.4/46

All: -611.409+/-617.522 χ^2/NDF: 116.4/94

- sign -2647.789+/-866.821 χ^2/NDF: 51.8/47

asym_atl_avg_rms vs Slug



Right In: 3413.444+/-0.857 χ^2/NDF: 2747244.6/21

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

Right Out: 3495.272+/-0.806 χ^2/NDF: 3231452.6/24

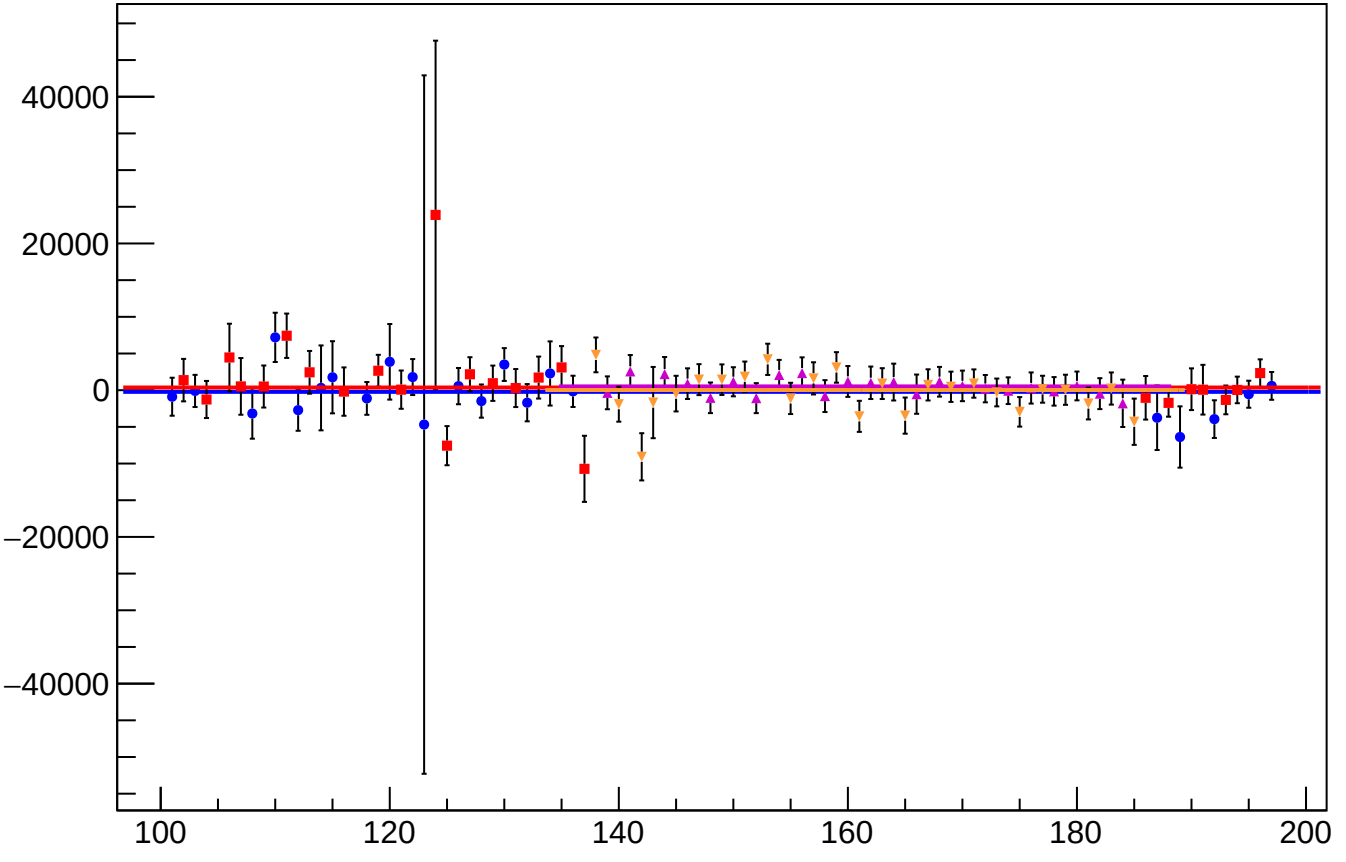
Left In: 5391.987+/-0.929 χ^2/NDF:1320415.5/22

+ sign 4336.348+/-0.622 χ^2/NDF: 6417580.4/46

All: 4323.262+/-0.435 χ^2/NDF: 13348800.4/9

- sign 4310.731+/-0.609 χ^2/NDF: 6930354.1/47

dit_asym_atl_dd_mean vs Slug



Right In: -224.665+/-581.845 χ^2/NDF: 17.1/21

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

Right Out: 365.857+/-528.365 χ^2/NDF: 29.4/24

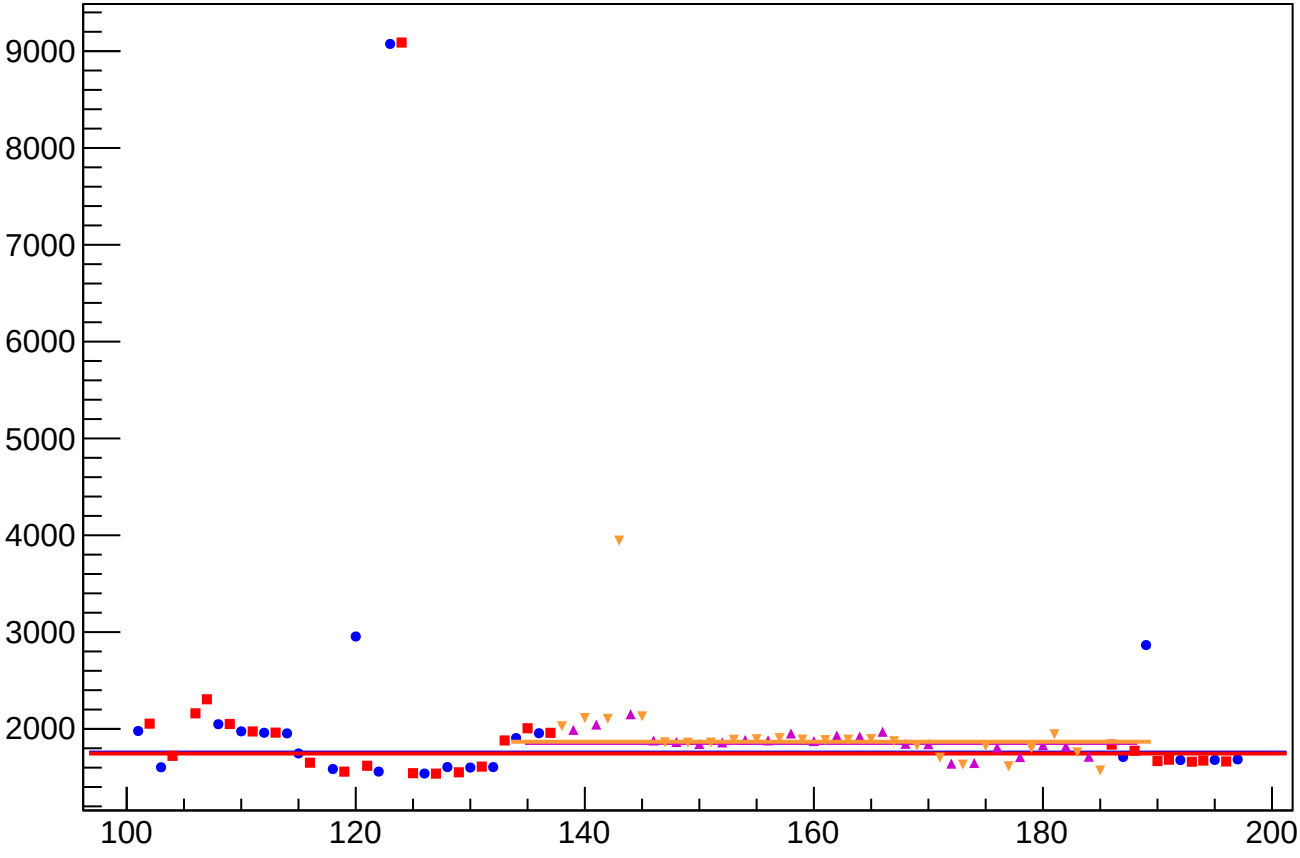
Left In: 514.693+/-444.402 χ^2/NDF:5.9/22

+ sign -67.054+/-351.317 χ^2/NDF: 48.9/46

All: 201.423+/-244.356 χ^2/NDF: 85.4/94

- sign 453.026+/-340.098 χ^2/NDF: 35.4/47

dit_asym_atl_dd_rms vs Slug



Right In: 1755.413+/-0.411 χ^2/NDF: 450414.3/21

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

Right Out: 1745.804+/-0.373 χ^2/NDF: 427282.6/24

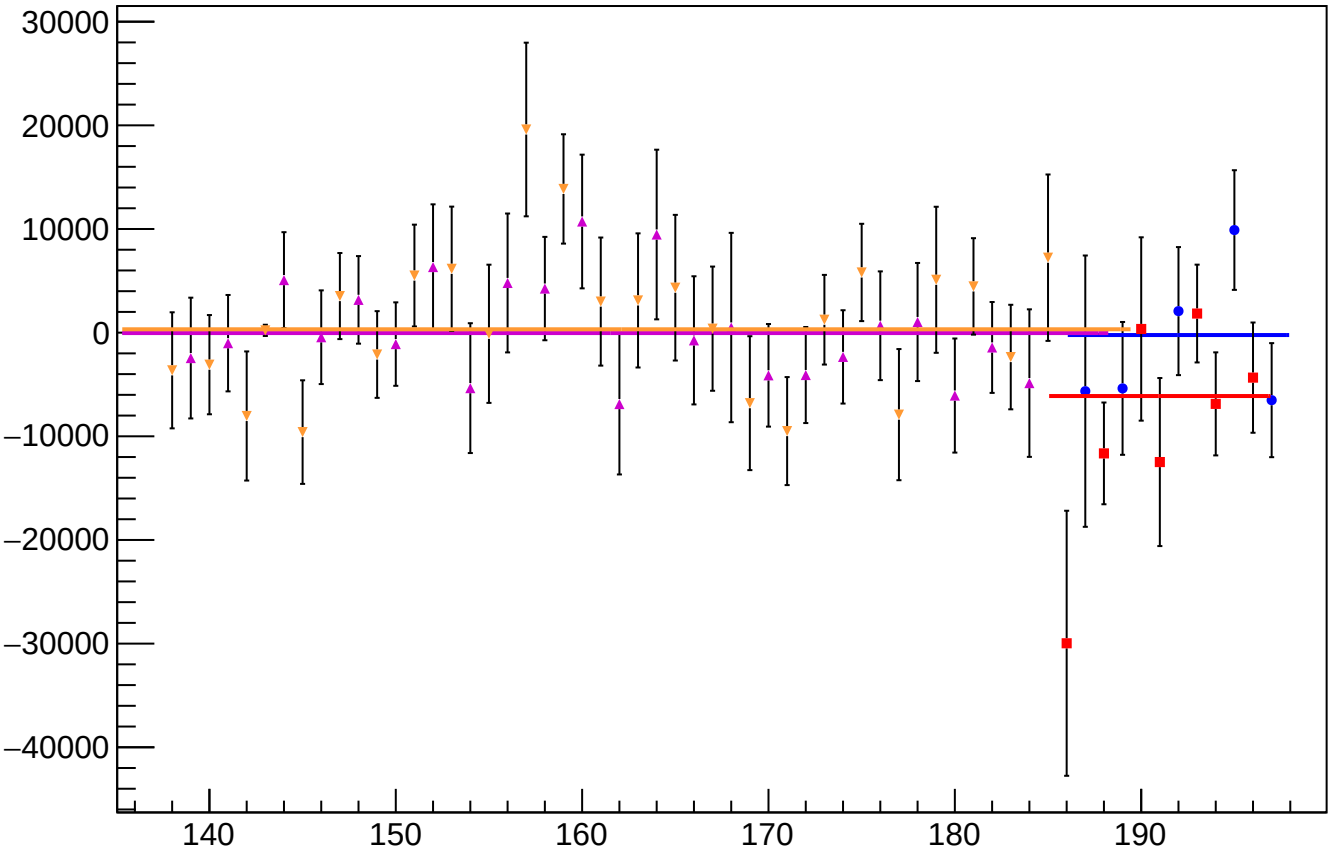
Left In: 1855.480+/-0.314 χ^2/NDF:136219.4/22

+ sign 1826.661+/-0.248 χ^2/NDF: 1042952.7/46

All: 1818.050+/-0.173 χ^2/NDF: 1659307.7/94

- sign 1809.988+/-0.240 χ^2/NDF: 614028.7/47

asym_atl_dd_correction_mean vs Slug



Right In: -230.653+/-2893.187 χ^2/NDF: 5.3/4

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

Right Out: -6115.118+/-2256.349 χ^2/NDF: 8.9/6

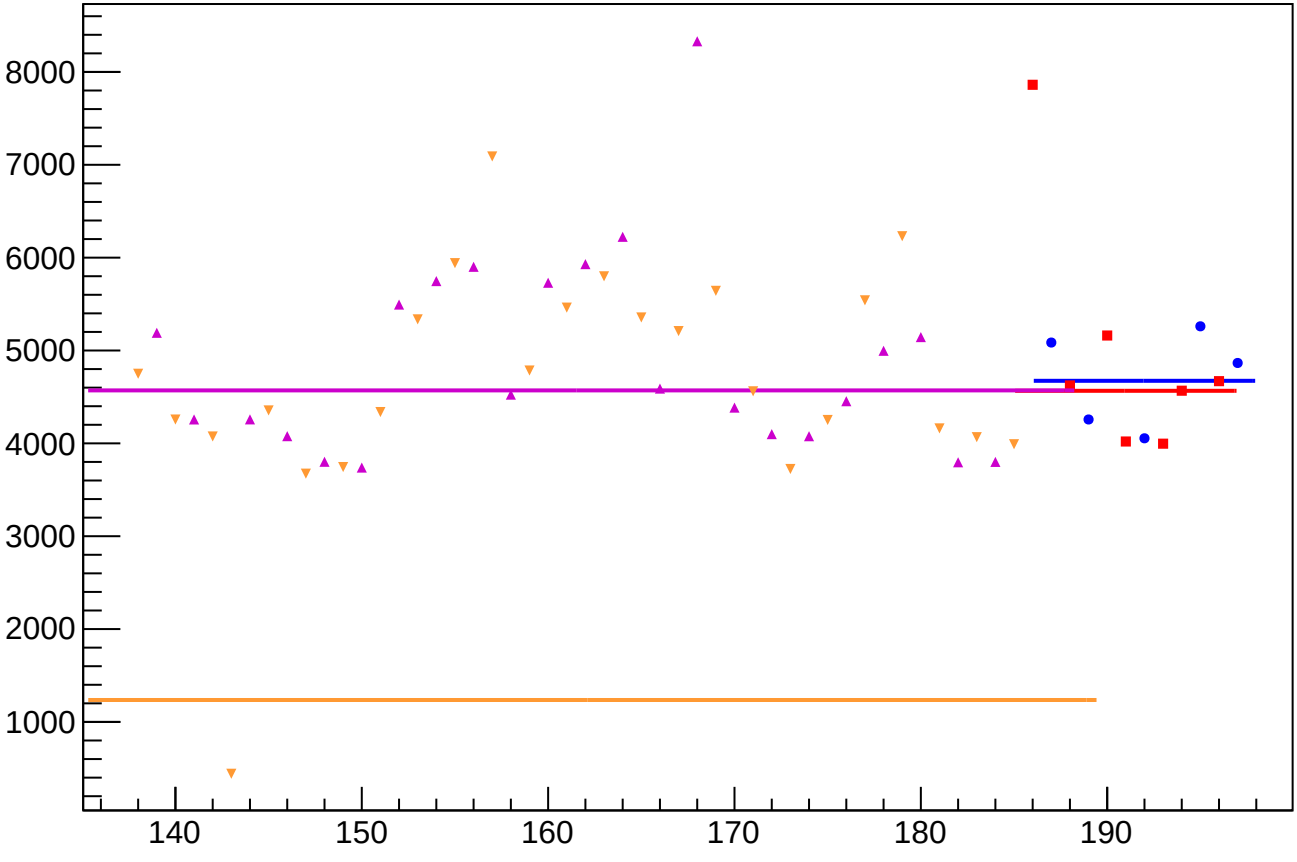
Left In: -40.142+/-1109.747 χ^2/NDF:13.9/22

+ sign 309.745+/-481.432 χ^2/NDF: 37.9/29

All: 19.287+/-433.436 χ^2/NDF: 68.4/59

- sign -1223.438+/-995.820 χ^2/NDF: 28.6/29

asym_atl_dd_correction_rms vs Slug



Right In: 4673.646+/-2.046 χ^2/NDF: 53641.1/4

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

Right Out: 4565.962+/-1.595 χ^2/NDF: 181223.7/6

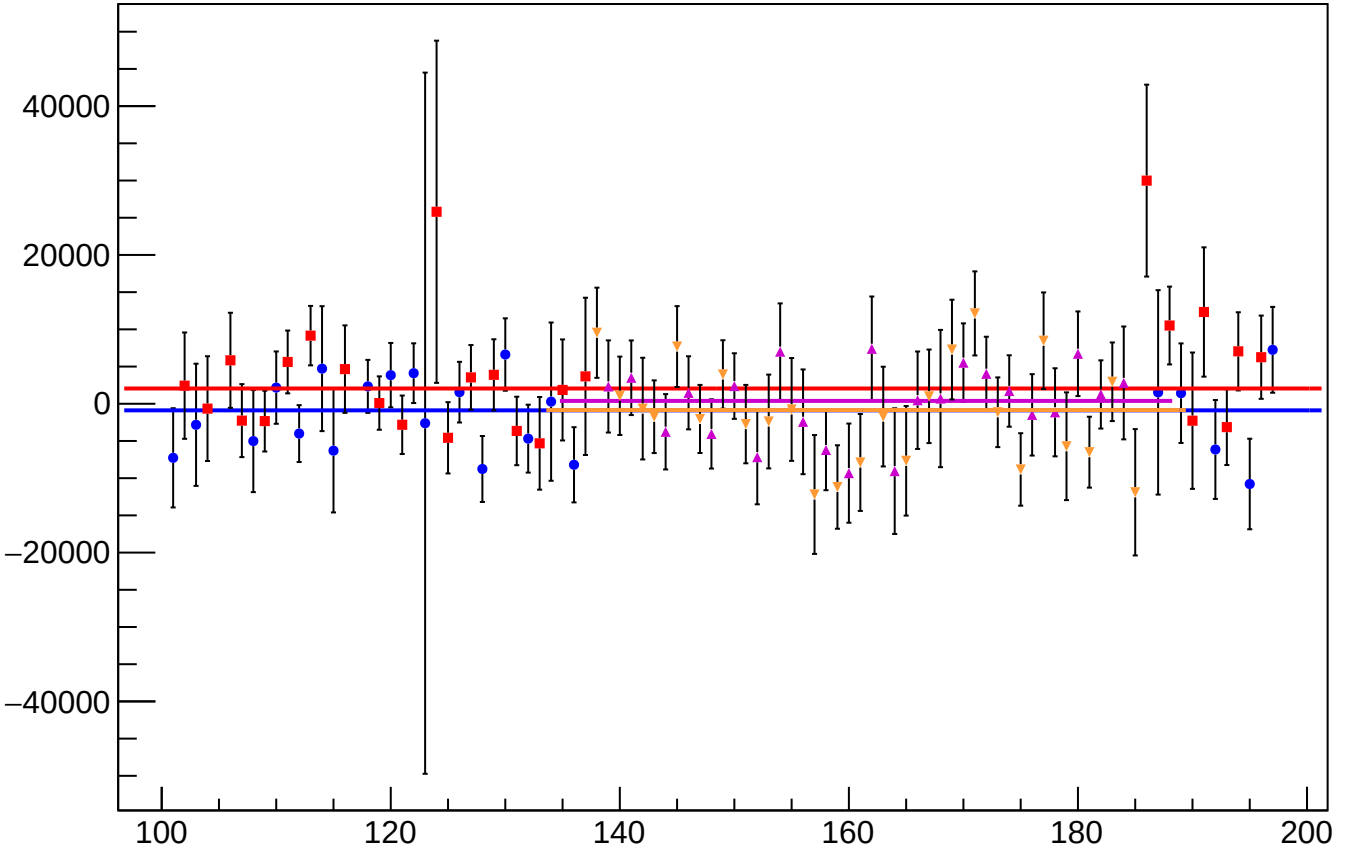
Left In: 4570.398+/-0.785 χ^2/NDF:1145211.6/22

+ sign 1331.352+/-0.340 χ^2/NDF: 26194648.2/29

All: 1944.818+/-0.306 χ^2/NDF: 44662719.9/5

- sign 4569.534+/-0.704 χ^2/NDF: 1326441.6/29

asym_atl_dd_mean vs Slug



Right In: -885.512+/-1154.910 χ^2/NDF: 20.9/21

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

Right Out: 2052.026+/-1068.230 χ^2/NDF: 26.0/24

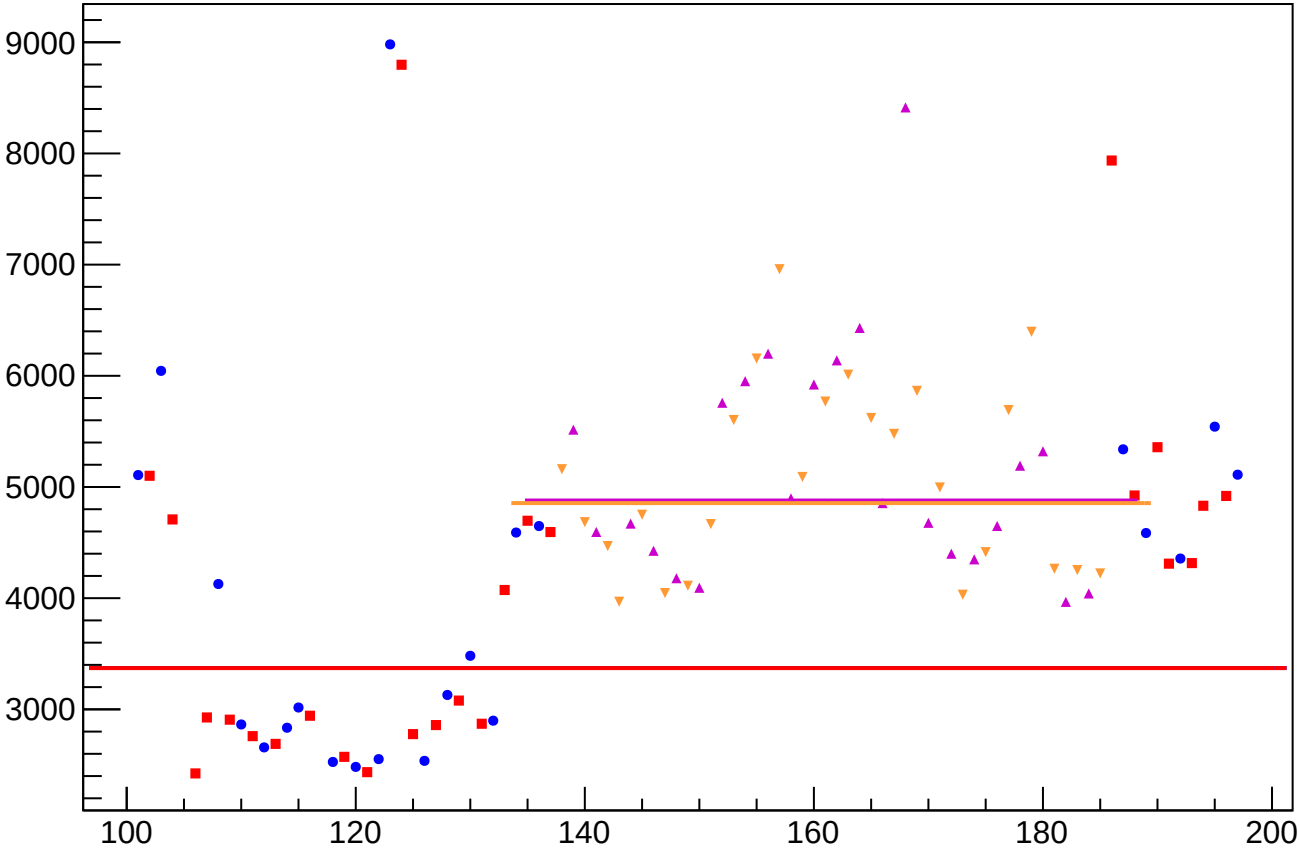
Left In: 385.098+/-1181.458 χ^2/NDF:13.9/22

+ sign -865.431+/-815.854 χ^2/NDF: 51.0/46

All: 250.059+/-568.410 χ^2/NDF: 95.6/94

- sign 1302.247+/-792.367 χ^2/NDF: 41.0/47

asym_atl_dd_rms vs Slug



Right In: 3371.716+/-0.817 χ^2/NDF: 1637899.3/21

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

Right Out: 3371.217+/-0.748 χ^2/NDF: 1881631.1/24

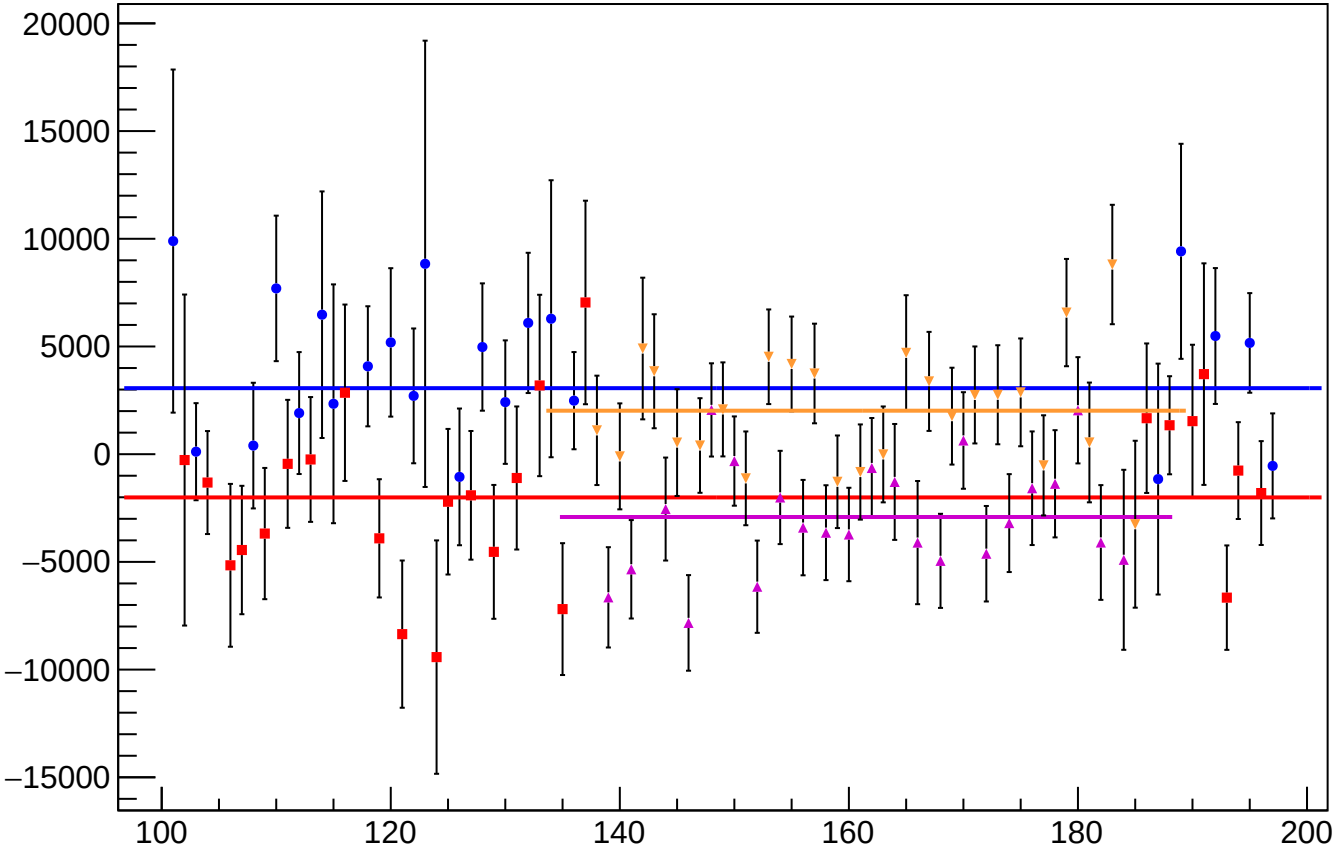
Left In: 4878.261+/-0.835 χ^2/NDF:965222.2/22

+ sign 4114.757+/-0.577 χ^2/NDF: 4186005.0/46

All: 4076.881+/-0.401 χ^2/NDF: 8847922.3/94

- sign 4041.551+/-0.557 χ^2/NDF: 4653586.1/47

dit_asym_atr_avg_mean vs Slug



Right In: 3065.094+/-688.207 χ^2/NDF: 15.7/21

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

Right Out: -2007.003+/-624.732 χ^2/NDF: 28.0/24

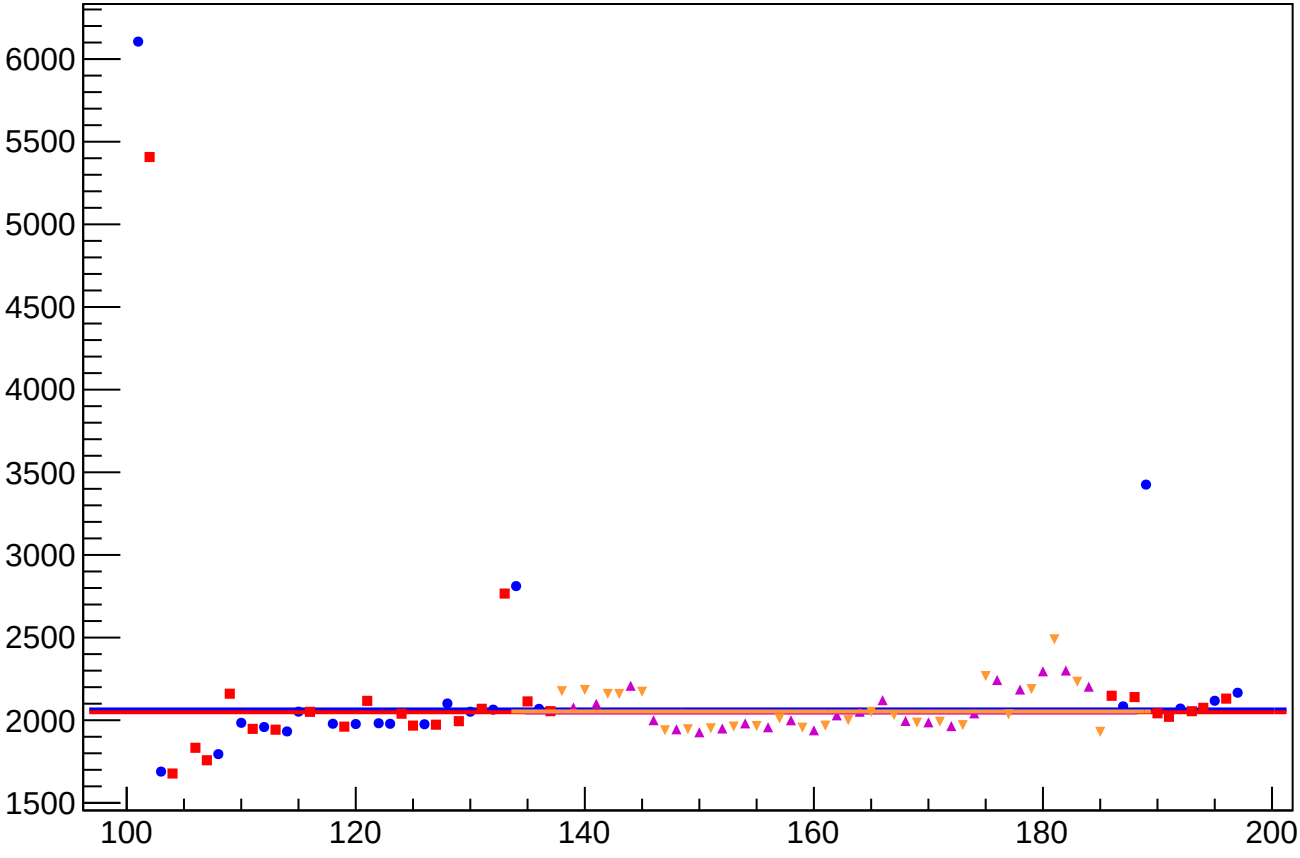
Left In: -2916.079+/-489.445 χ^2/NDF:28.8/22

+ sign 2362.848+/-394.438 χ^2/NDF: 44.4/46

All: -161.645+/-275.616 χ^2/NDF: 182.6/94

- sign -2570.320+/-385.284 χ^2/NDF: 58.1/47

dit_asym_atr_avg_rms vs Slug



Right In: 2065.236+/-0.487 χ^2/NDF: 779388.8/21

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

Right Out: 2048.282+/-0.442 χ^2/NDF: 536357.9/24

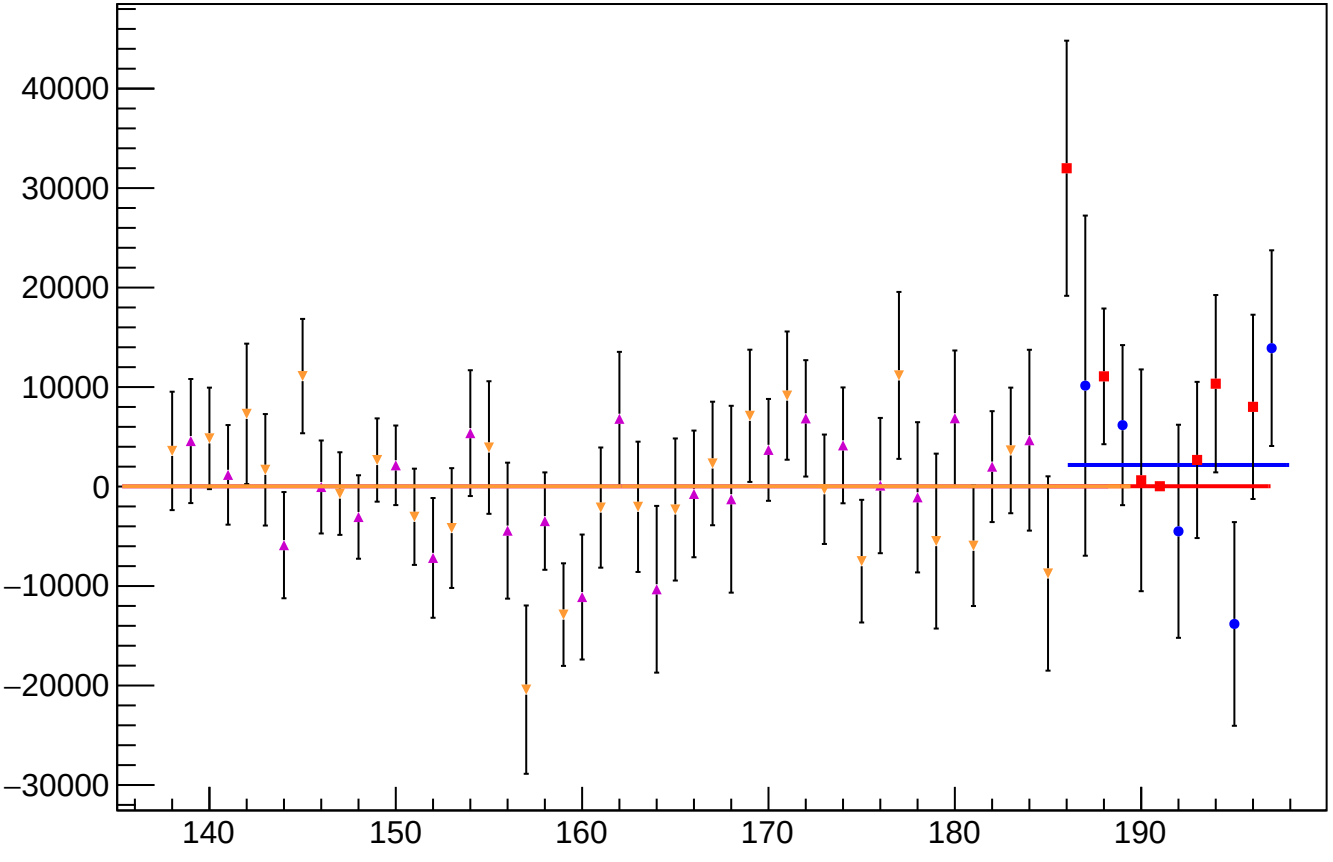
Left In: 2047.277+/-0.346 χ^2/NDF:103001.2/22

+ sign 2057.218+/-0.279 χ^2/NDF: 916681.2/46

All: 2052.326+/-0.195 χ^2/NDF: 1556644.6/94

- sign 2047.660+/-0.272 χ^2/NDF: 639362.3/47

asym_atr_avg_correction_mean vs Slug



Right In: 2168.191+/-4589.655 χ^2/NDF: 4.7/4

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

Right Out: 31.754+/-15.145 χ^2/NDF: 11.0/6

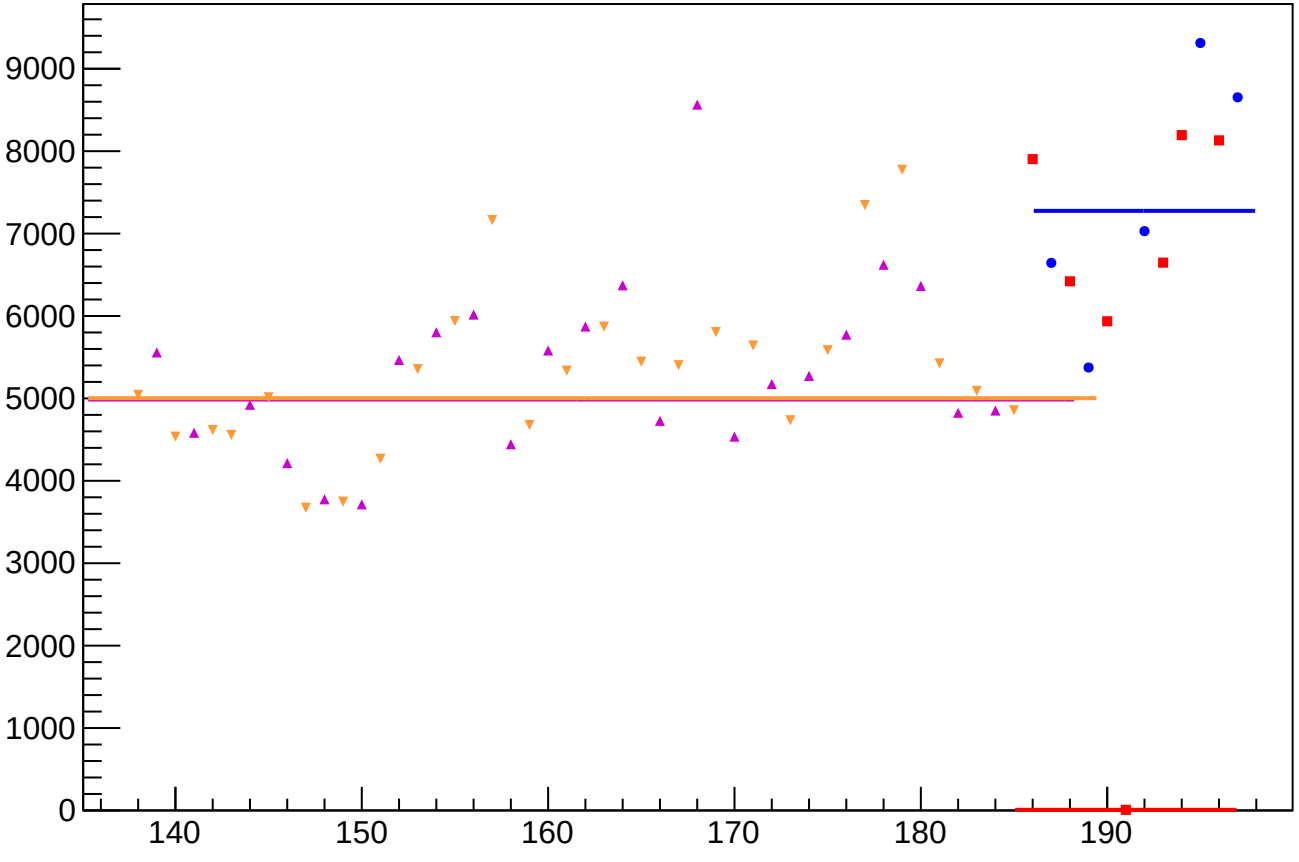
Left In: 23.765+/-1211.652 χ^2/NDF:15.2/22

+ sign 161.901+/-1156.104 χ^2/NDF: 34.1/29

All: 31.775+/-15.142 χ^2/NDF: 60.4/59

- sign 31.753+/-15.144 χ^2/NDF: 26.3/29

asym_atr_avg_correction_rms vs Slug



Right In: 7275.725+/-3.245 χ^2/NDF: 233907.8/4

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

Right Out: 7.630+/-0.011 χ^2/NDF: 7749842.6/6

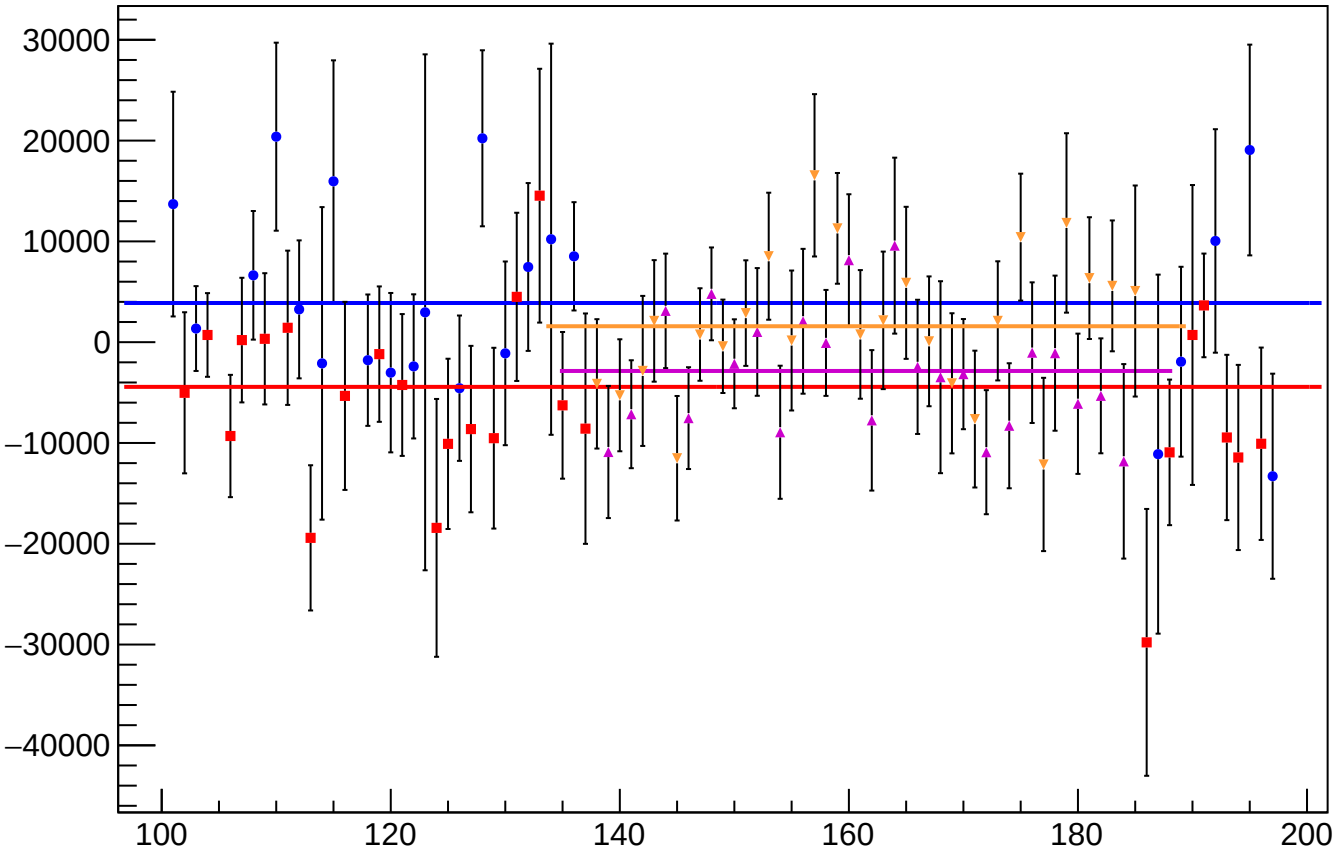
Left In: 4986.169+/-0.857 χ^2/NDF:1197602.7/22

+ sign 5146.792+/-0.817 χ^2/NDF: 1838981.4/29

All: 9.290+/-0.011 χ^2/NDF: 84048610.3/59

- sign 8.408+/-0.011 χ^2/NDF: 42708046.2/29

asym_atr_avg_mean vs Slug



Right In: 3888.000+/-1737.875 χ^2/NDF: 20.5/21

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

Right Out: -4434.486+/-1507.346 χ^2/NDF: 22.7/24

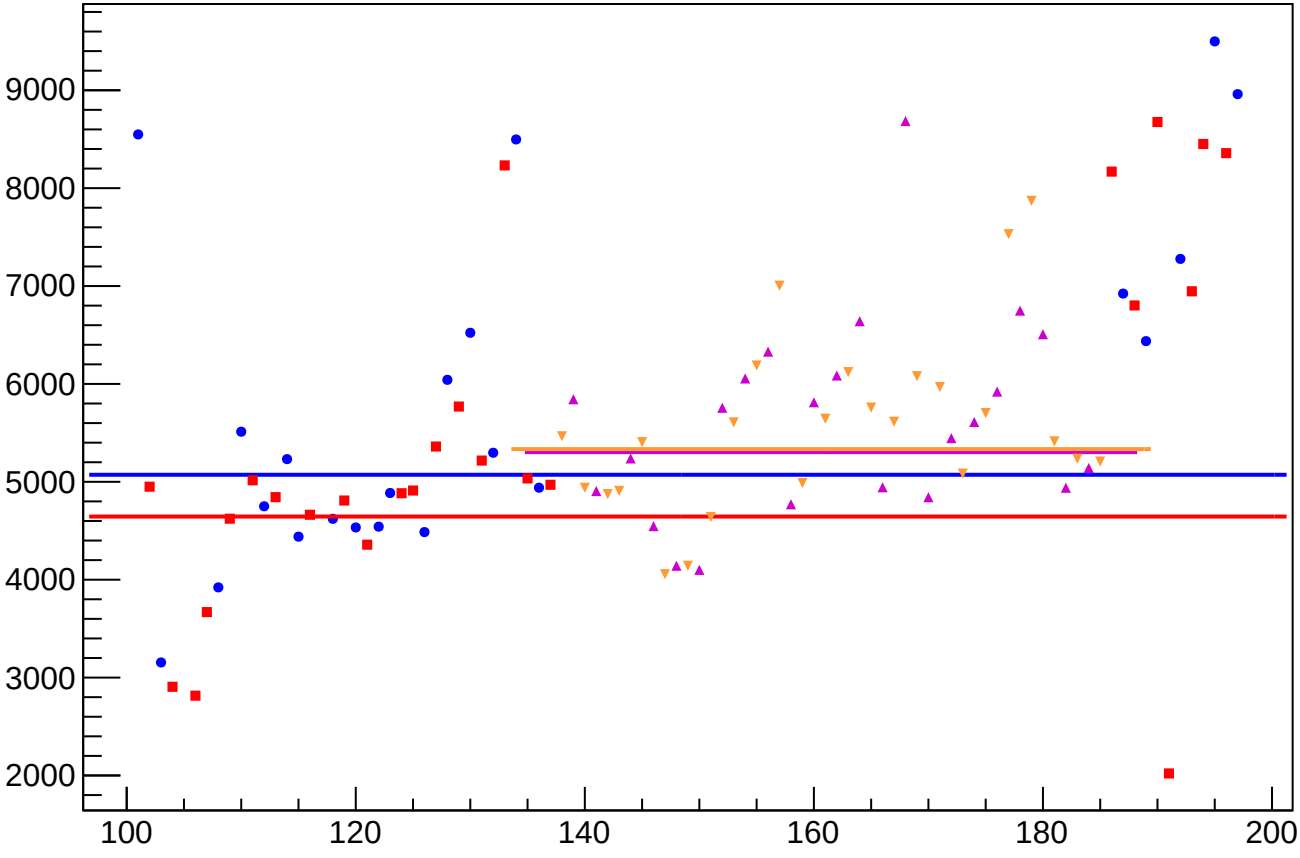
Left In: -2856.480+/-1284.131 χ^2/NDF:18.1/22

+ sign 2380.587+/-1023.325 χ^2/NDF: 46.8/46

All: -704.816+/-706.844 χ^2/NDF: 105.6/94

- sign -3520.103+/-977.505 χ^2/NDF: 41.4/47

asym_atr_avg_rms vs Slug



Right In: 5072.071+/-1.229 χ^2/NDF: 1666192.4/21

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

Right Out: 4645.194+/-1.061 χ^2/NDF: 2641746.6/24

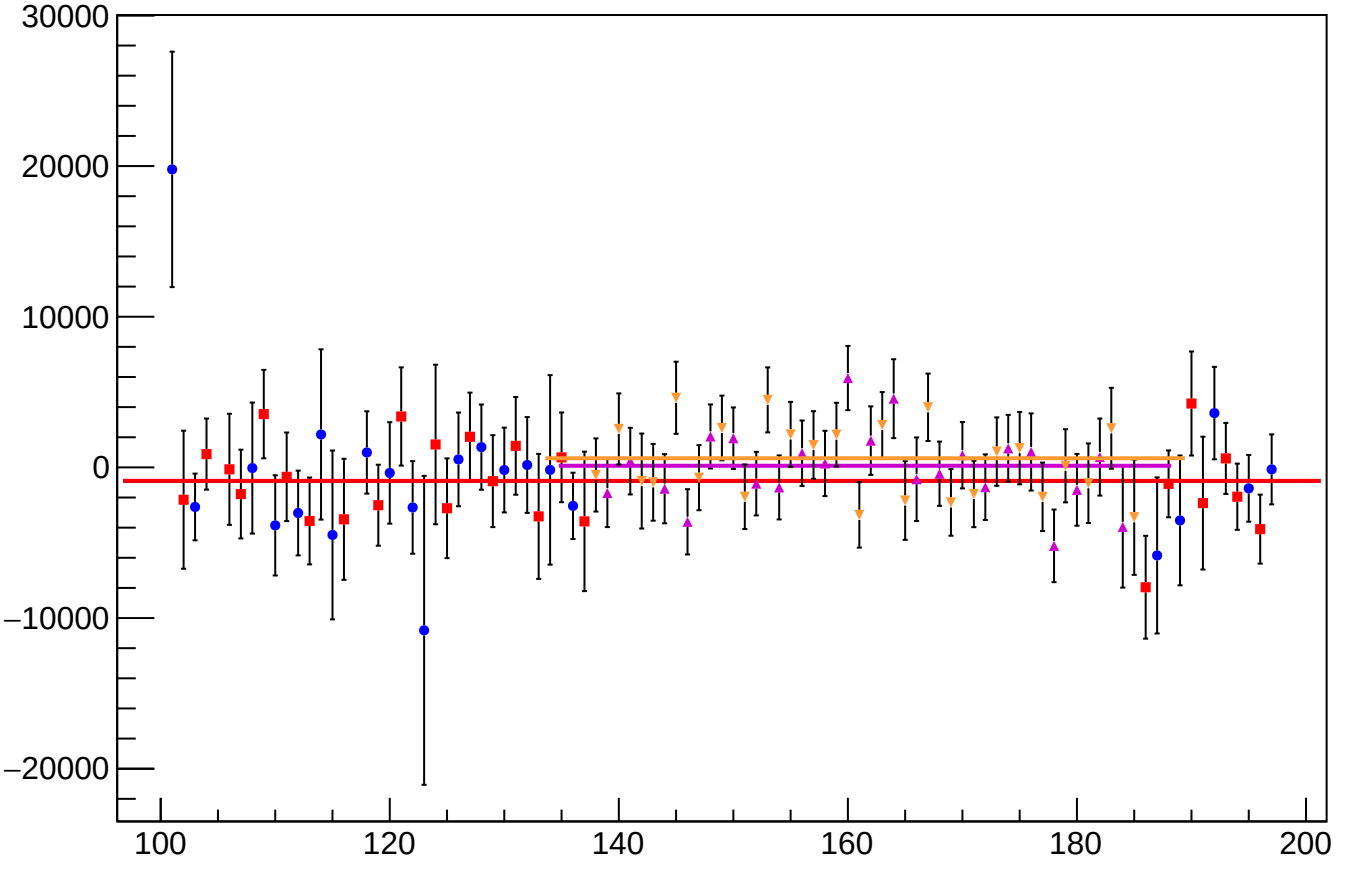
Left In: 5303.321+/-0.908 χ^2/NDF:960356.0/22

+ sign 5243.326+/-0.724 χ^2/NDF: 2561336.0/46

All: 5129.029+/-0.499 χ^2/NDF: 6433127.3/94

- sign 5025.128+/-0.690 χ^2/NDF: 3824160.6/47

dit_asym_atr_dd_mean vs Slug



Right In: -902.332+/-680.074 χ^2/NDF: 16.7/21

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

Right Out: -893.890+/-605.379 χ^2/NDF: 18.6/24

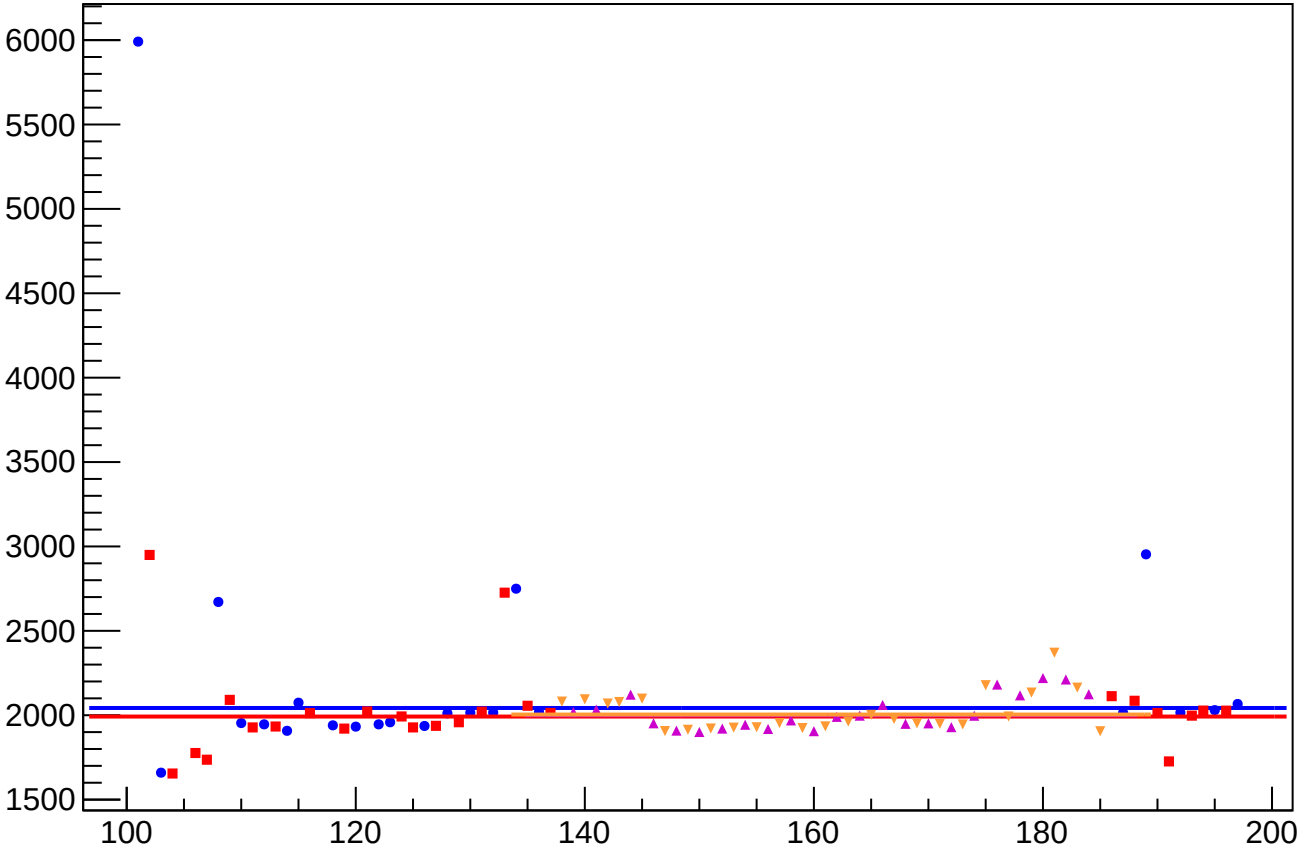
Left In: 108.365+/-477.899 χ^2/NDF:25.0/22

+ sign 119.160+/-386.313 χ^2/NDF: 45.2/46

All: -84.456+/-269.114 χ^2/NDF: 91.0/94

- sign -276.428+/-375.104 χ^2/NDF: 45.2/47

dit_asym_atr_dd_rms vs Slug



Right In: 2042.960+/-0.481 χ^2/NDF: 742617.7/21

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

Right Out: 1992.177+/-0.428 χ^2/NDF: 236220.4/24

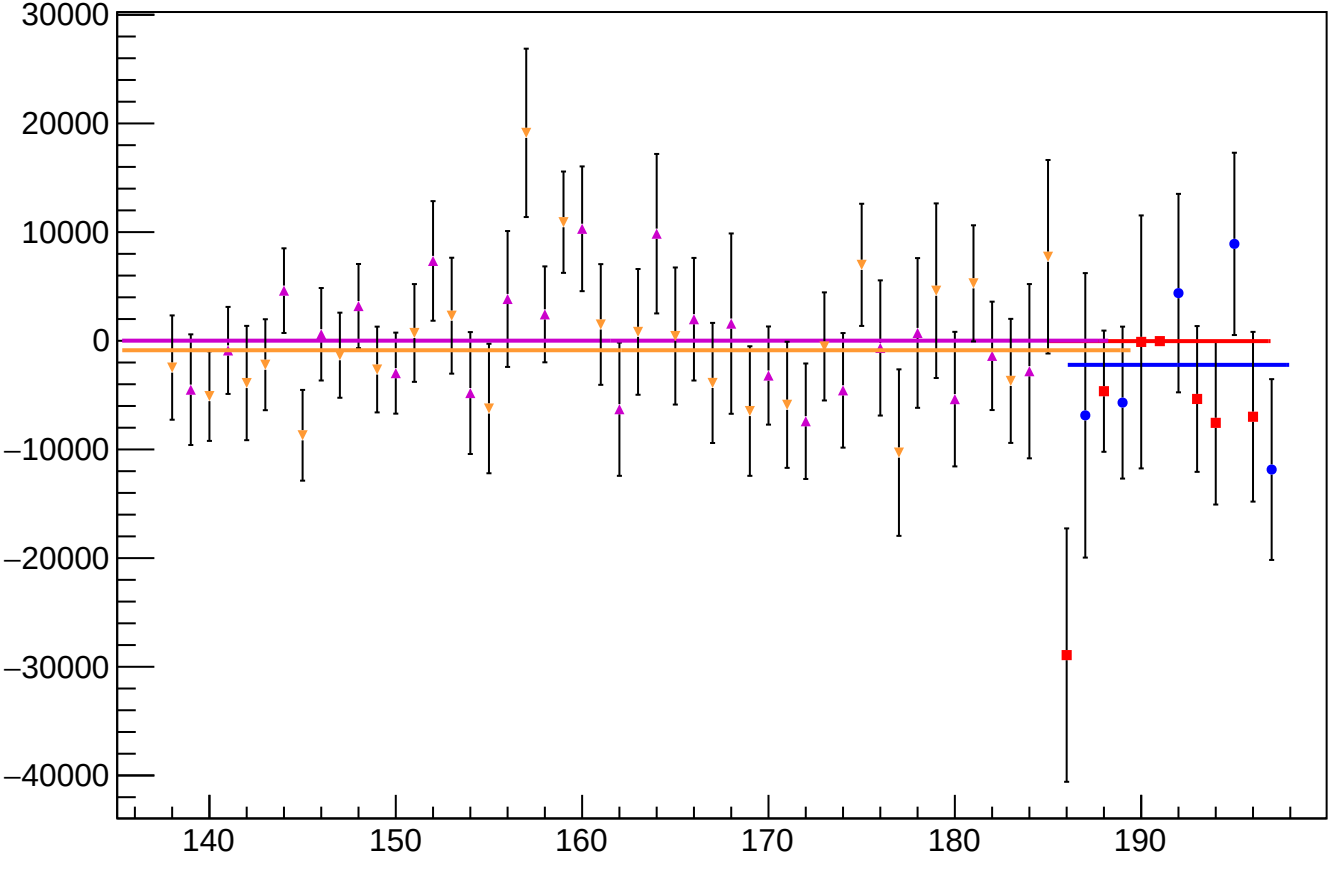
Left In: 2000.119+/-0.338 χ^2/NDF:79688.8/22

+ sign 2016.563+/-0.273 χ^2/NDF: 847048.2/46

All: 2006.526+/-0.190 χ^2/NDF: 1165792.1/94

- sign 1997.067+/-0.265 χ^2/NDF: 316121.5/47

asym_atr_dd_correction_mean vs Slug



Right In: -2215.151+/-3864.755 χ^2/NDF: 4.0/4

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

Right Out: -31.202+/-14.261 χ^2/NDF: 9.2/6

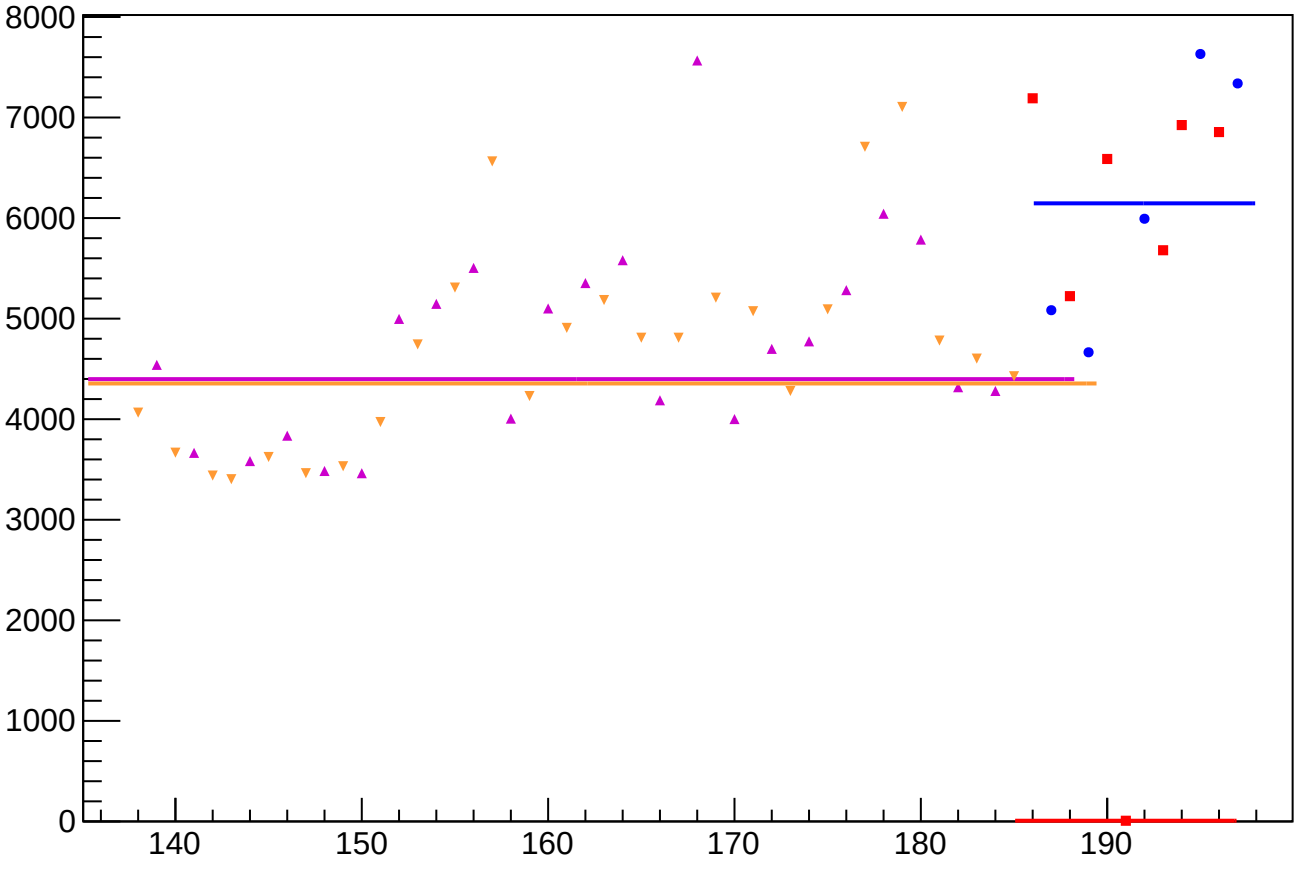
Left In: 10.945+/-1070.258 χ^2/NDF:17.2/22

+ sign -962.591+/-1007.325 χ^2/NDF: 32.4/29

All: -31.381+/-14.258 χ^2/NDF: 59.7/59

- sign -31.194+/-14.259 χ^2/NDF: 26.4/29

asym_atr_dd_correction_rms vs Slug



Right In: 6146.425+/-2.733 χ^2/NDF: 207306.7/4

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

Right Out: 7.197+/-0.010 χ^2/NDF: 7809842.1/6

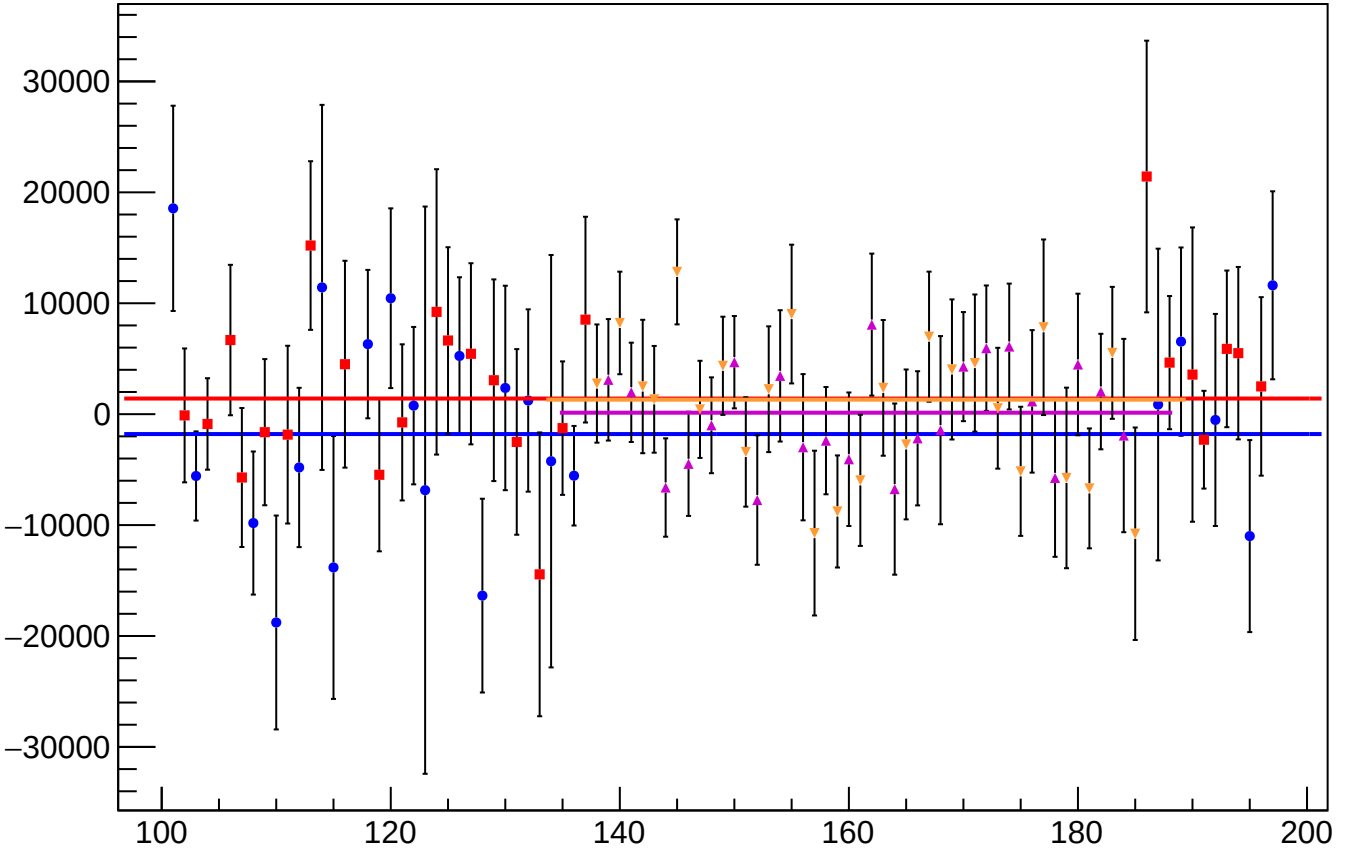
Left In: 4398.421+/-0.757 χ^2/NDF:1278784.1/22

+ sign 4476.890+/-0.712 χ^2/NDF: 1958233.1/29

All: 8.872+/-0.010 χ^2/NDF: 84065063.8/59

- sign 7.977+/-0.010 χ^2/NDF: 42751163.7/29

asym_atr_dd_mean vs Slug



Right In: -1793.622+/-1651.321 χ^2/NDF: 25.6/21

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

Right Out: 1408.214+/-1424.774 χ^2/NDF: 15.1/24

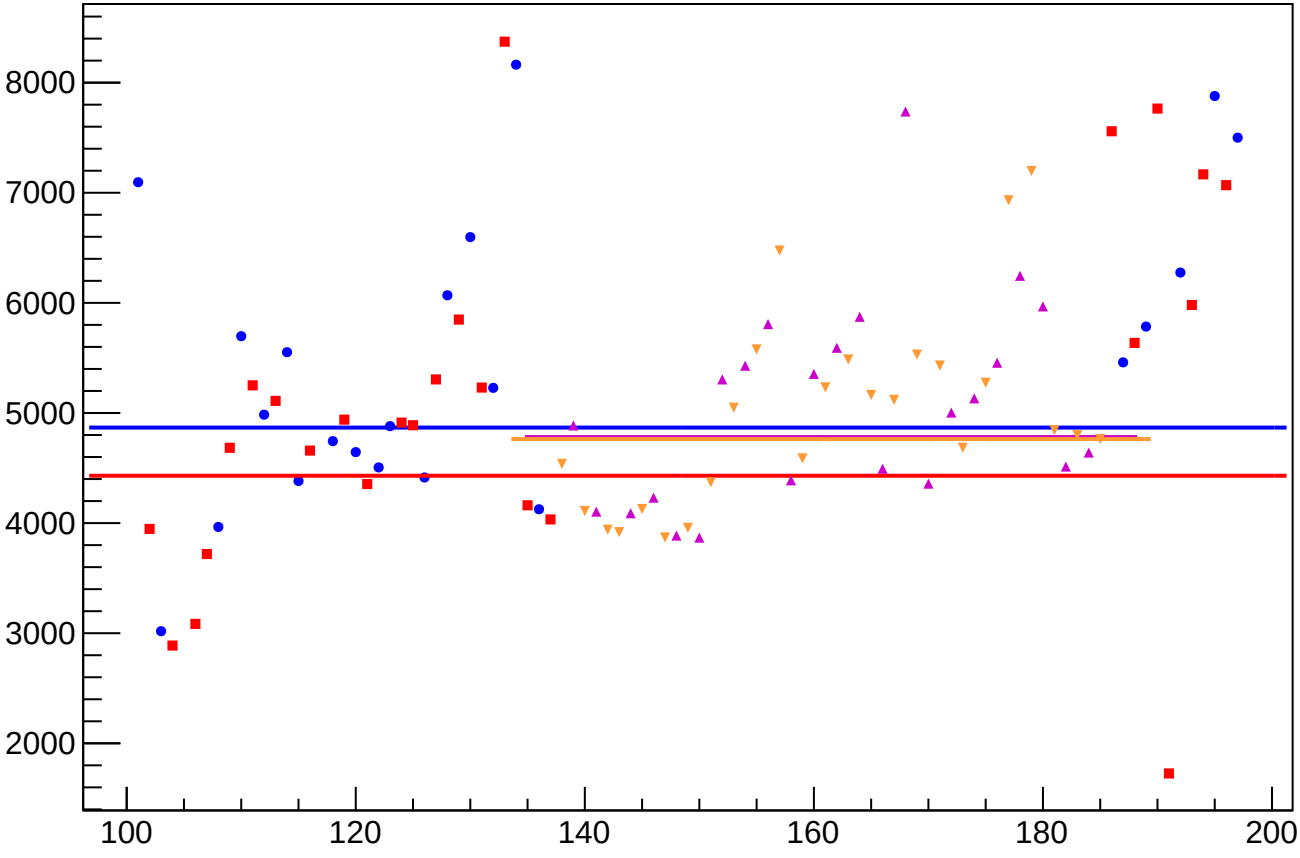
Left In: 131.428+/-1157.282 χ^2/NDF:14.9/22

+ sign 316.073+/-933.466 χ^2/NDF: 56.2/46

All: 483.712+/-647.265 χ^2/NDF: 86.7/94

- sign 638.955+/-898.290 χ^2/NDF: 30.5/47

asym_atr_dd_rms vs Slug



Right In: 4867.469+/-1.168 χ^2/NDF: 1350859.0/21

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

Right Out: 4430.070+/-1.003 χ^2/NDF: 2409638.9/24

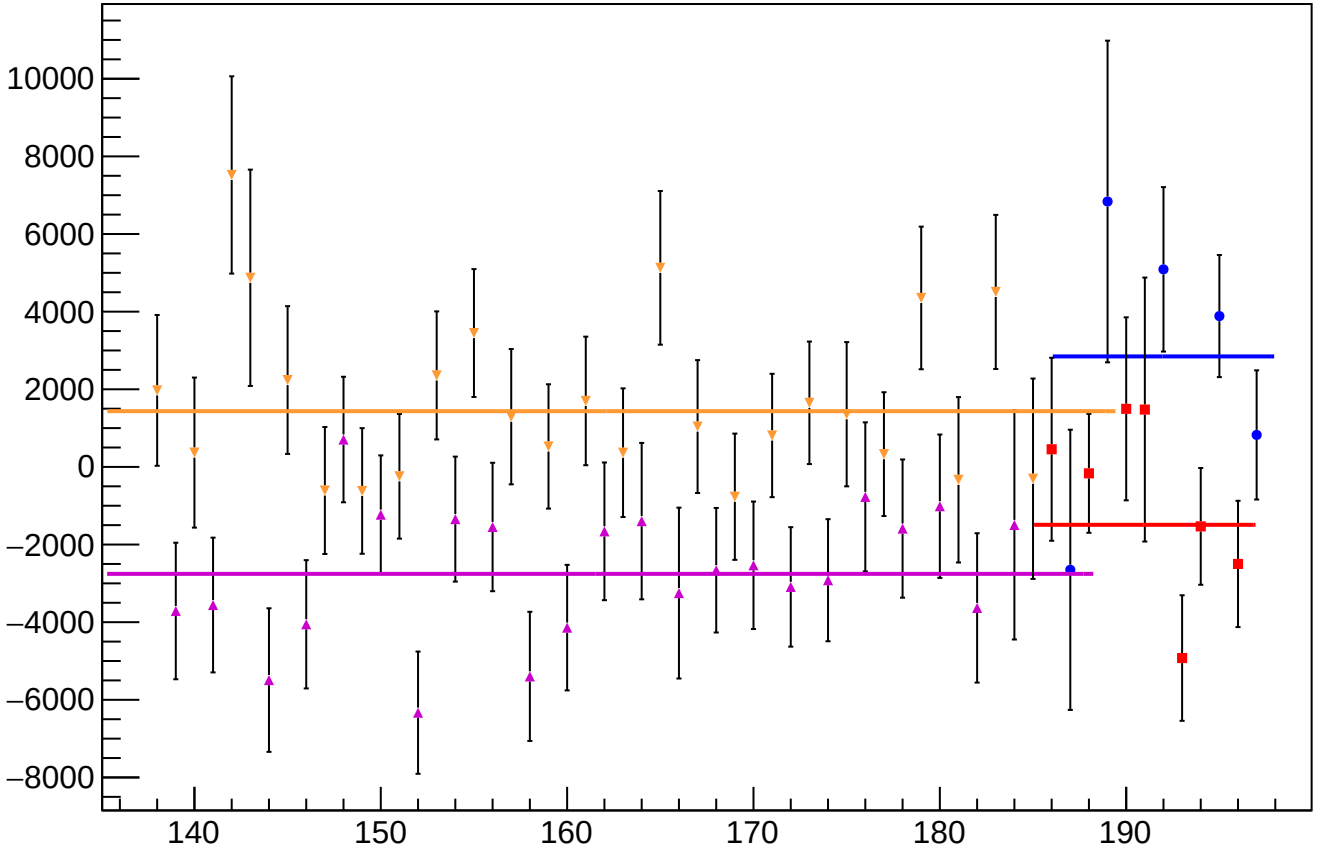
Left In: 4781.172+/-0.818 χ^2/NDF:951542.2/22

+ sign 4796.512+/-0.660 χ^2/NDF: 2298142.9/46

All: 4715.618+/-0.457 χ^2/NDF: 5761733.0/94

- sign 4640.941+/-0.634 χ^2/NDF: 3434704.9/47

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2846.742+/-943.498 χ^2/NDF: 6.3/4

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

Right Out: -1491.767+/-694.252 χ^2/NDF: 8.7/6

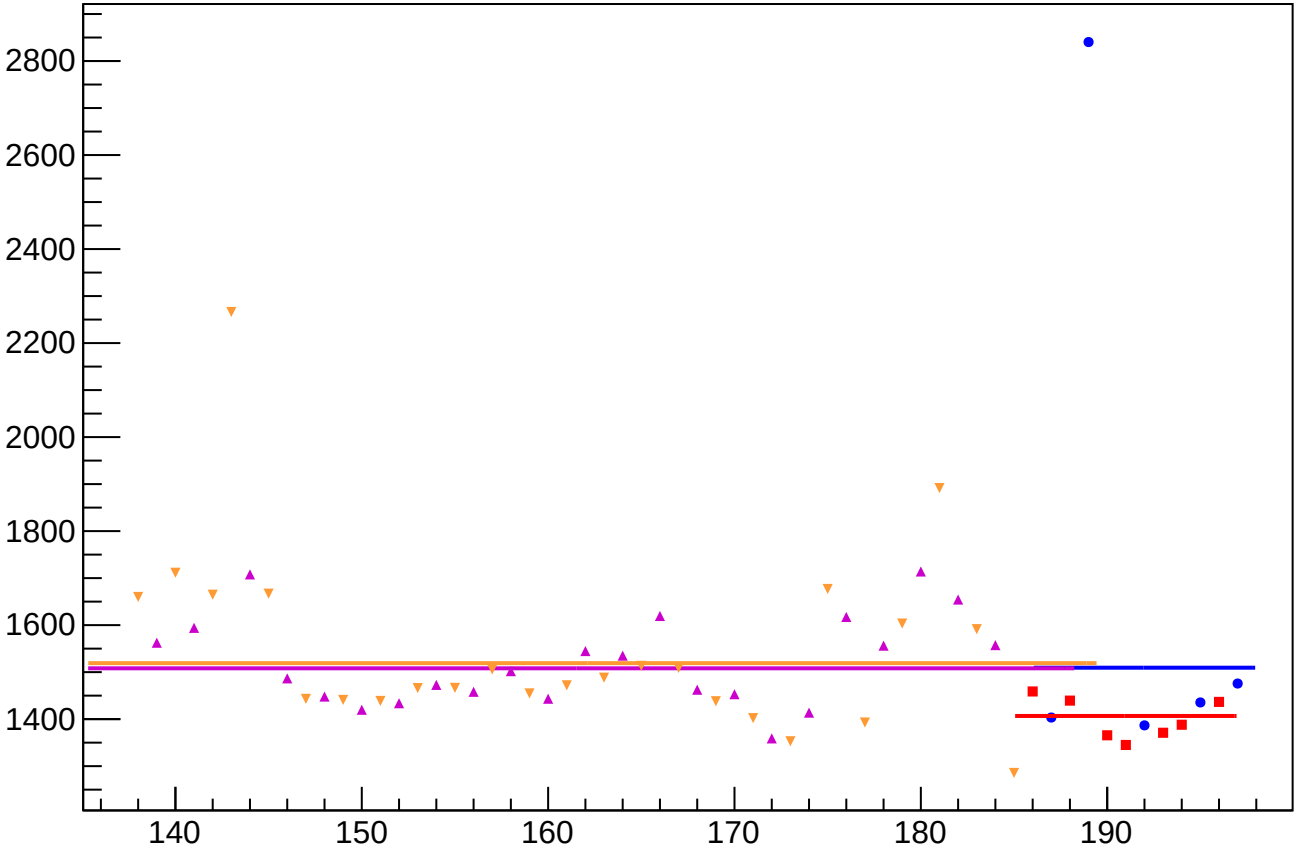
Left In: -2754.889+/-361.672 χ^2/NDF:22.4/22

+ sign 1613.269+/-334.860 χ^2/NDF: 35.0/29

All: -524.127+/-231.635 χ^2/NDF: 146.7/59

- sign -2485.263+/-320.756 χ^2/NDF: 33.6/29

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1509.426+/-0.667 χ^2/NDF: 220038.5/4

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

Right Out: 1406.752+/-0.491 χ^2/NDF: 5113.6/6

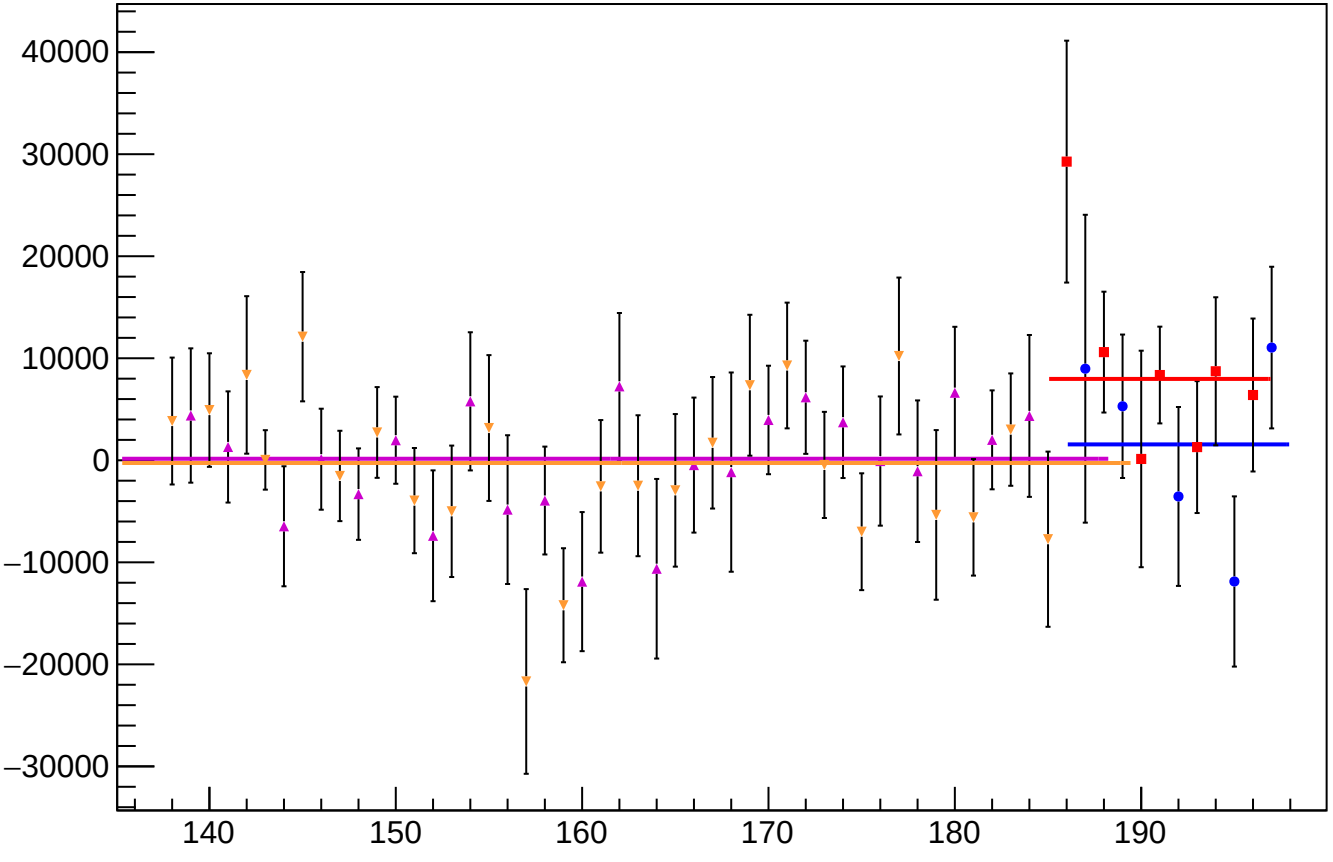
Left In: 1508.111+/-0.256 χ^2/NDF:131488.7/22

+ sign 1517.875+/-0.237 χ^2/NDF: 586061.1/29

All: 1501.500+/-0.164 χ^2/NDF: 765364.6/59

- sign 1486.475+/-0.227 χ^2/NDF: 170132.8/29

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 1557.543+/-3836.337 χ^2/NDF: 4.9/4

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

Right Out: 7975.126+/-2584.094 χ^2/NDF: 5.1/6

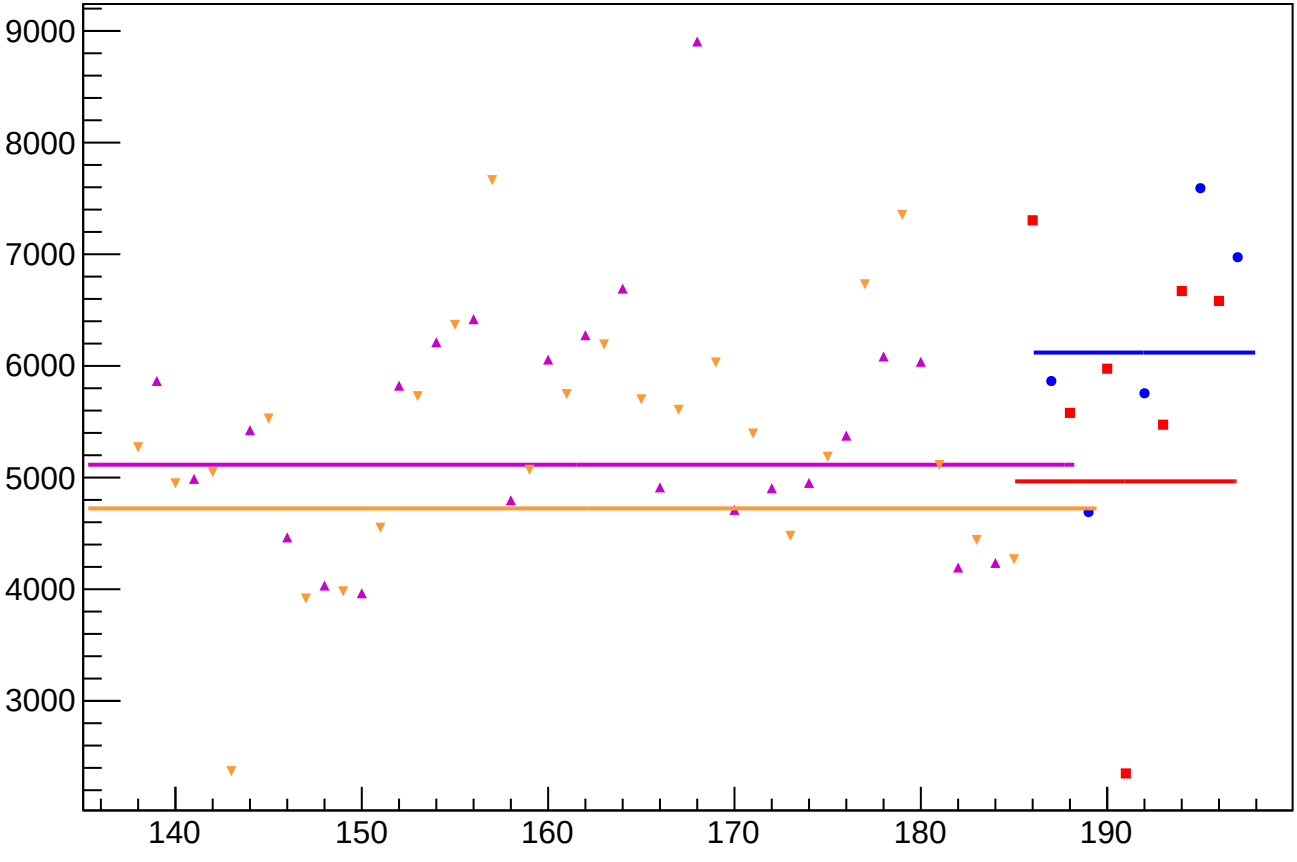
Left In: 151.239+/-1241.800 χ^2/NDF:14.9/22

+ sign -113.842+/-1102.555 χ^2/NDF: 34.8/29

All: 739.576+/-785.467 χ^2/NDF: 63.4/59

- sign 1619.064+/-1119.269 χ^2/NDF: 27.4/29

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 6119.586+/-2.713 χ^2/NDF: 172160.5/4

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

Right Out: 4966.328+/-1.827 χ^2/NDF: 941901.4/6

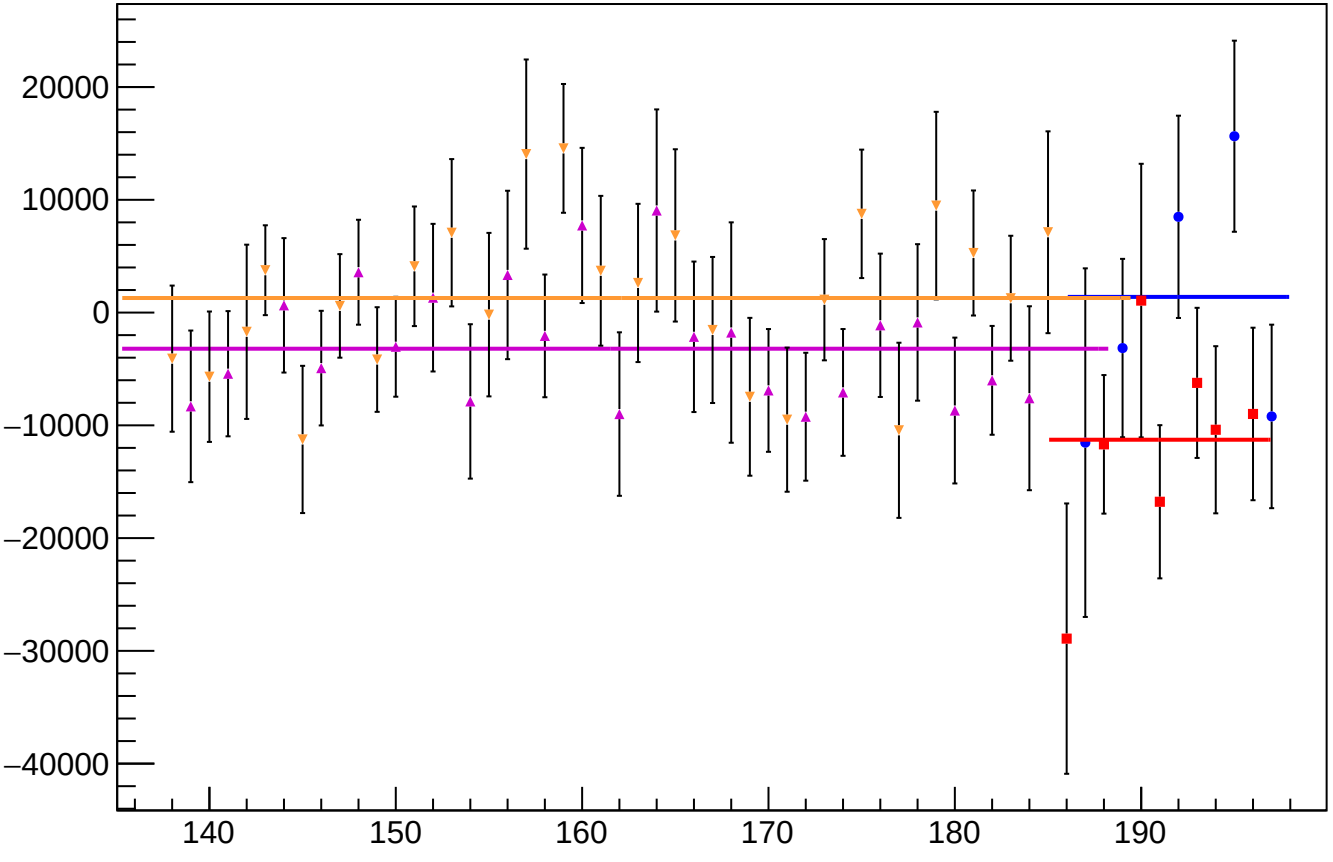
Left In: 5115.139+/-0.878 χ^2/NDF:1131347.2/22

+ sign 4839.297+/-0.780 χ^2/NDF: 2952494.8/29

All: 4961.394+/-0.555 χ^2/NDF: 5080934.6/59

- sign 5087.221+/-0.791 χ^2/NDF: 2078636.8/29

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 1390.790+/-4028.331 χ^2/NDF: 6.2/4

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

Right Out: -11276.398+/-2889.507 χ^2/NDF: 4.5/6

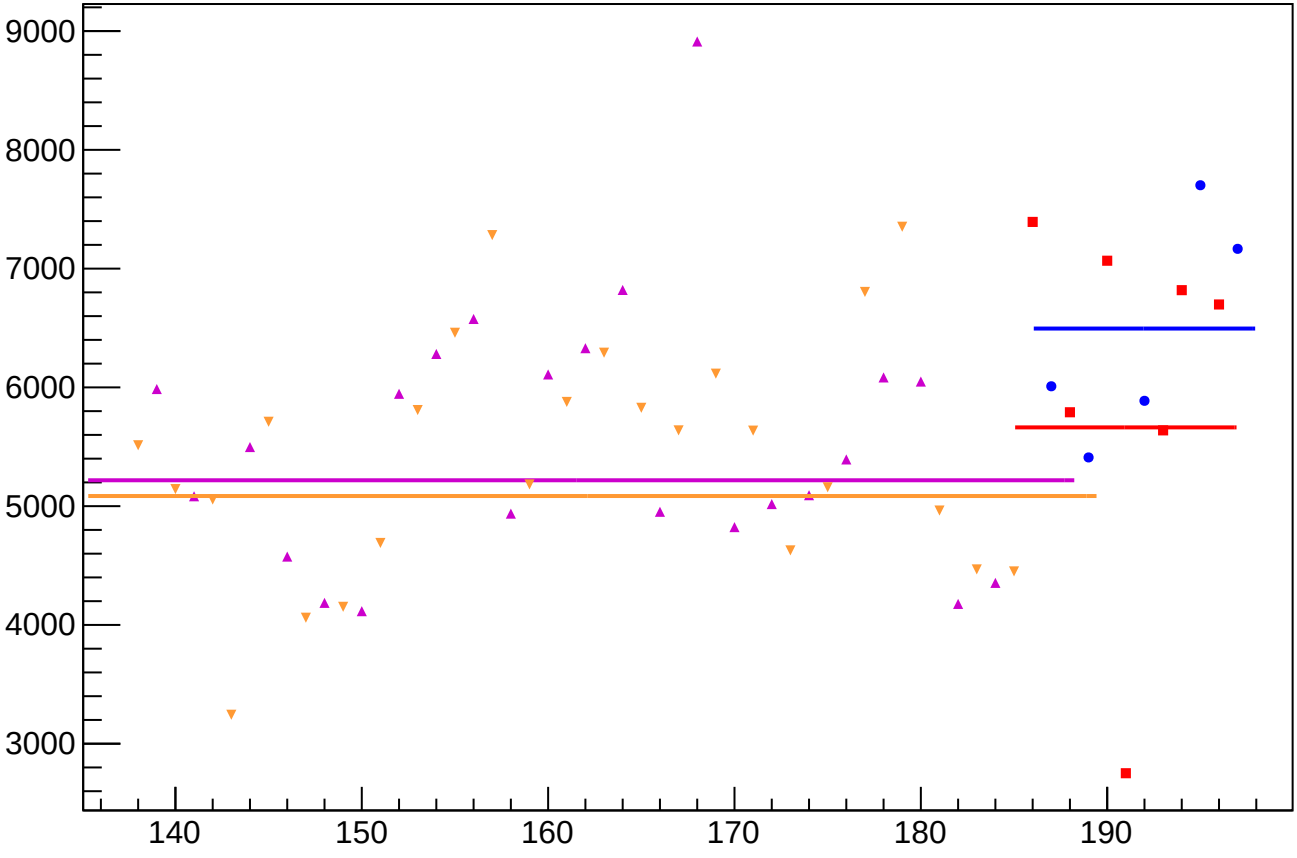
Left In: -3205.363+/-1265.586 χ^2/NDF:13.9/22

+ sign 1300.472+/-1163.909 χ^2/NDF: 34.0/29

All: -1613.605+/-821.361 χ^2/NDF: 71.4/59

- sign -4504.479+/-1159.266 χ^2/NDF: 24.9/29

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 6495.421+/-2.848 χ^2/NDF: 102982.2/4

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

Right Out: 5663.212+/-2.043 χ^2/NDF: 521978.4/6

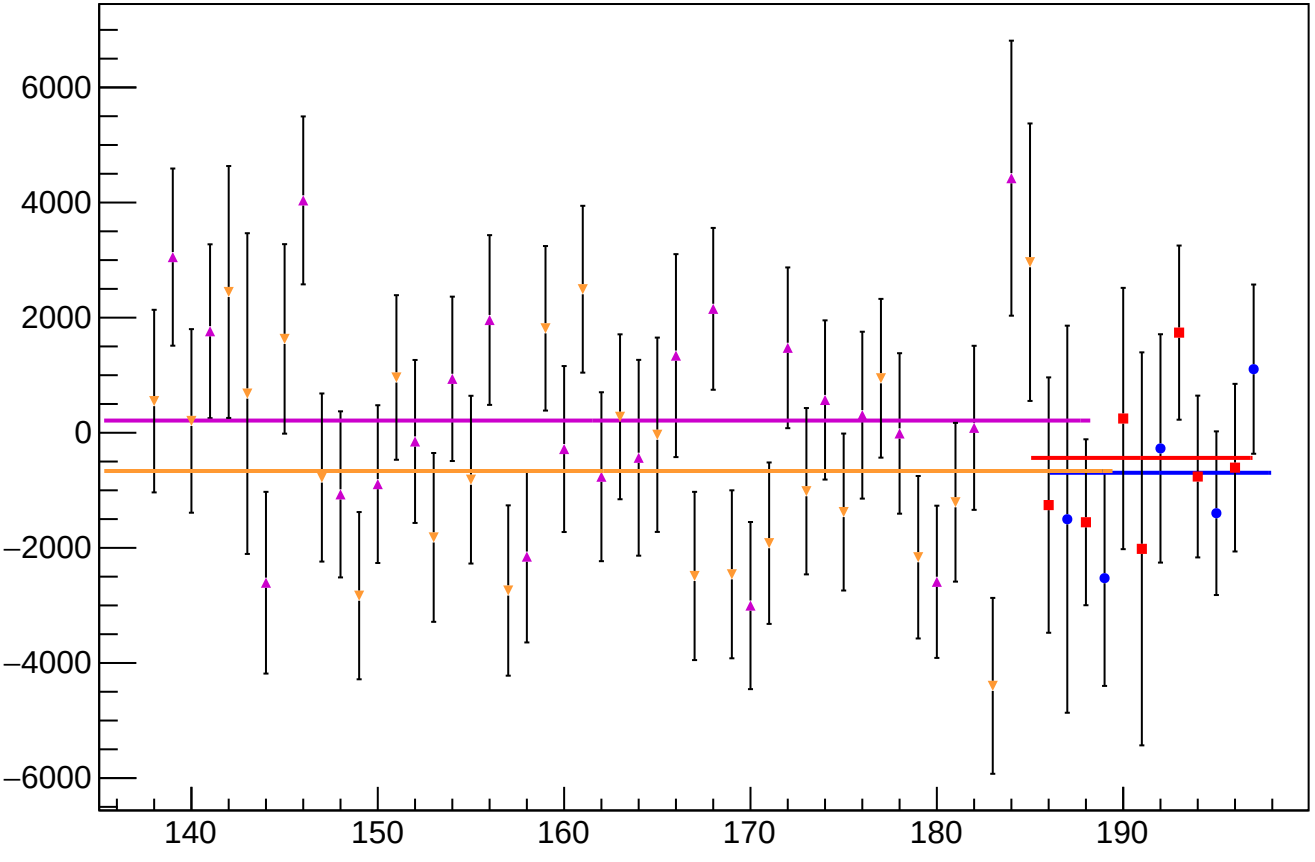
Left In: 5217.971+/-0.895 χ^2/NDF:1058996.1/22

+ sign 5203.025+/-0.823 χ^2/NDF: 1684290.9/29

All: 5246.504+/-0.581 χ^2/NDF: 3310668.7/59

- sign 5289.638+/-0.820 χ^2/NDF: 1620817.9/29

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -695.216+/-794.334 χ^2/NDF: 2.8/4

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

Right Out: -436.845+/-648.354 χ^2/NDF: 3.2/6

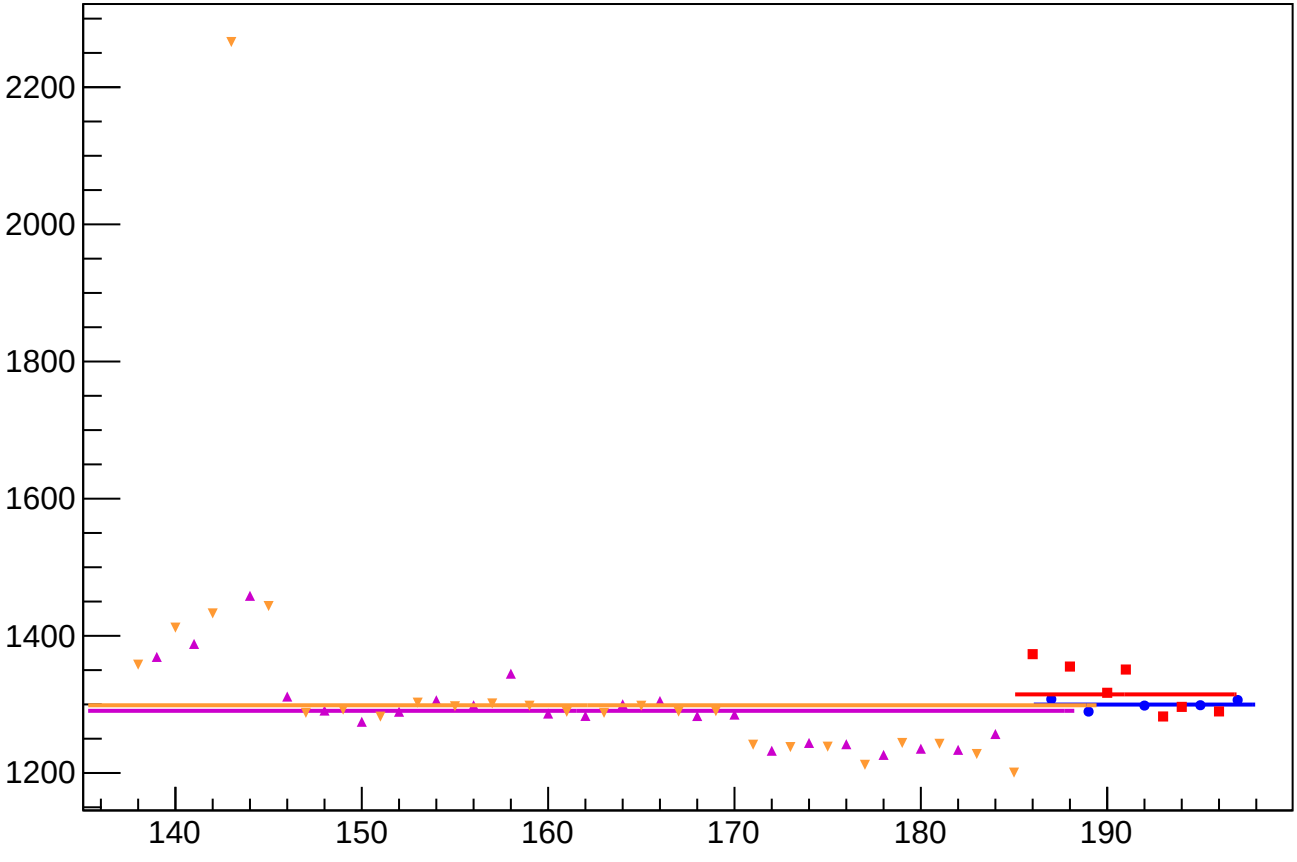
Left In: 212.071+/-308.597 χ^2/NDF:36.6/22

+ sign -668.329+/-284.829 χ^2/NDF: 37.4/29

All: -279.711+/-199.182 χ^2/NDF: 81.7/59

- sign 92.214+/-278.644 χ^2/NDF: 40.6/29

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1299.768+/-0.562 χ^2/NDF: 113.7/4

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

Right Out: 1314.618+/-0.458 χ^2/NDF: 5035.0/6

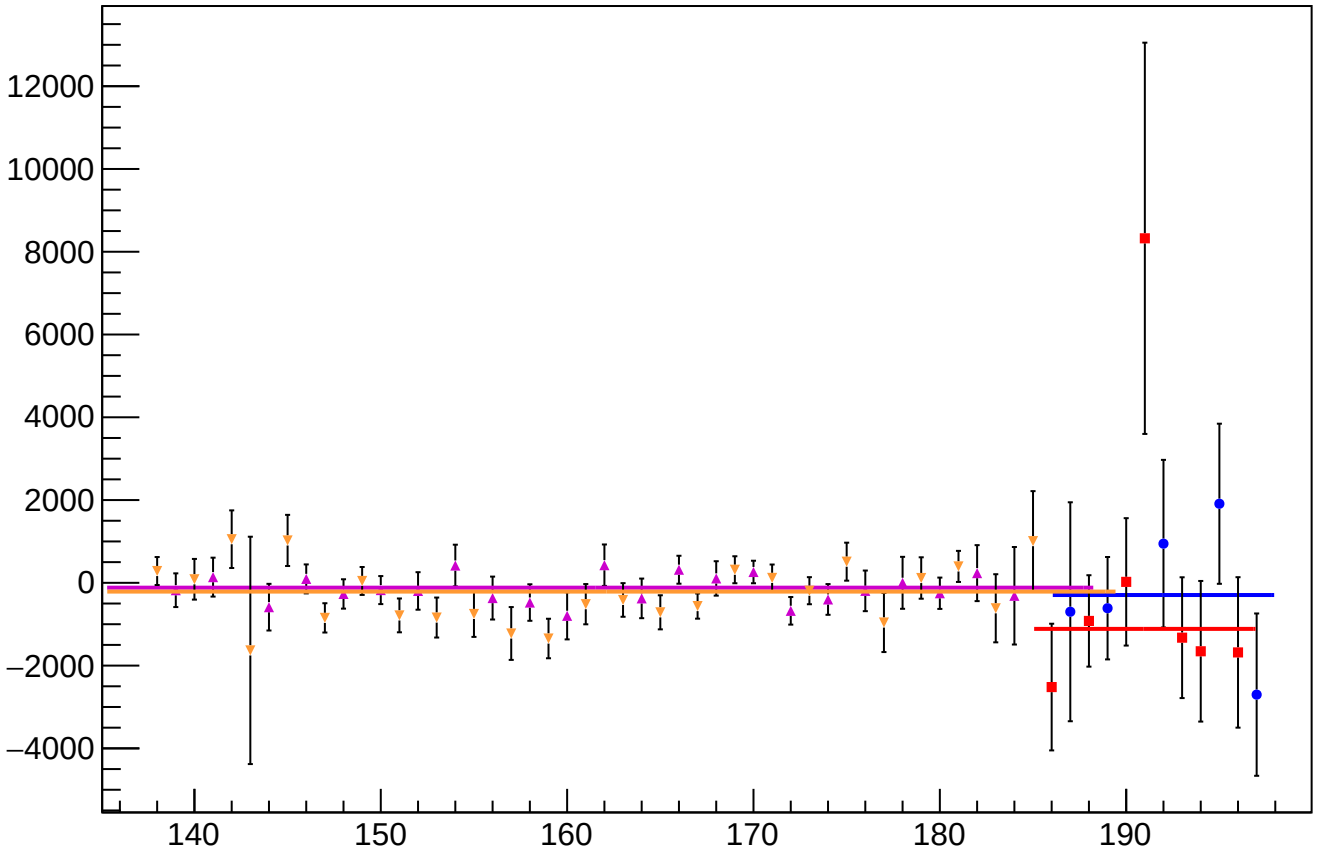
Left In: 1290.644+/-0.218 χ^2/NDF:59427.8/22

+ sign 1298.875+/-0.201 χ^2/NDF: 310461.4/29

All: 1296.932+/-0.141 χ^2/NDF: 377335.8/59

- sign 1295.073+/-0.197 χ^2/NDF: 66692.2/29

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -294.591+/-798.784 χ^2/NDF: 3.3/4

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

Right Out: -1112.924+/-594.231 χ^2/NDF: 5.6/6

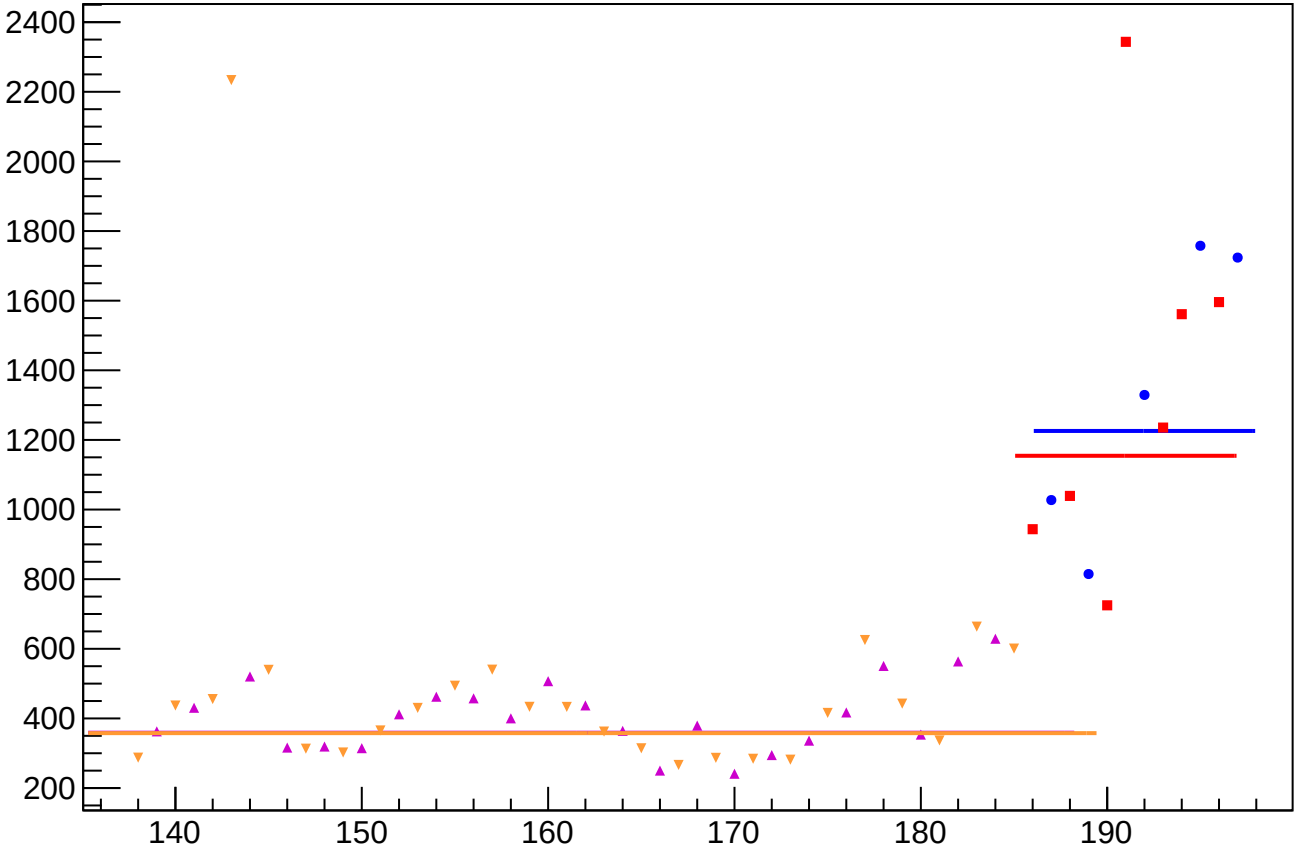
Left In: -117.113+/-88.214 χ^2/NDF:14.3/22

+ sign -212.633+/-87.146 χ^2/NDF: 45.0/29

All: -175.657+/-61.661 χ^2/NDF: 68.0/59

- sign -138.585+/-87.258 χ^2/NDF: 22.7/29

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 1225.772+/-0.565 χ^2/NDF: 517360.0/4

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

Right Out: 1154.432+/-0.420 χ^2/NDF: 580846.2/6

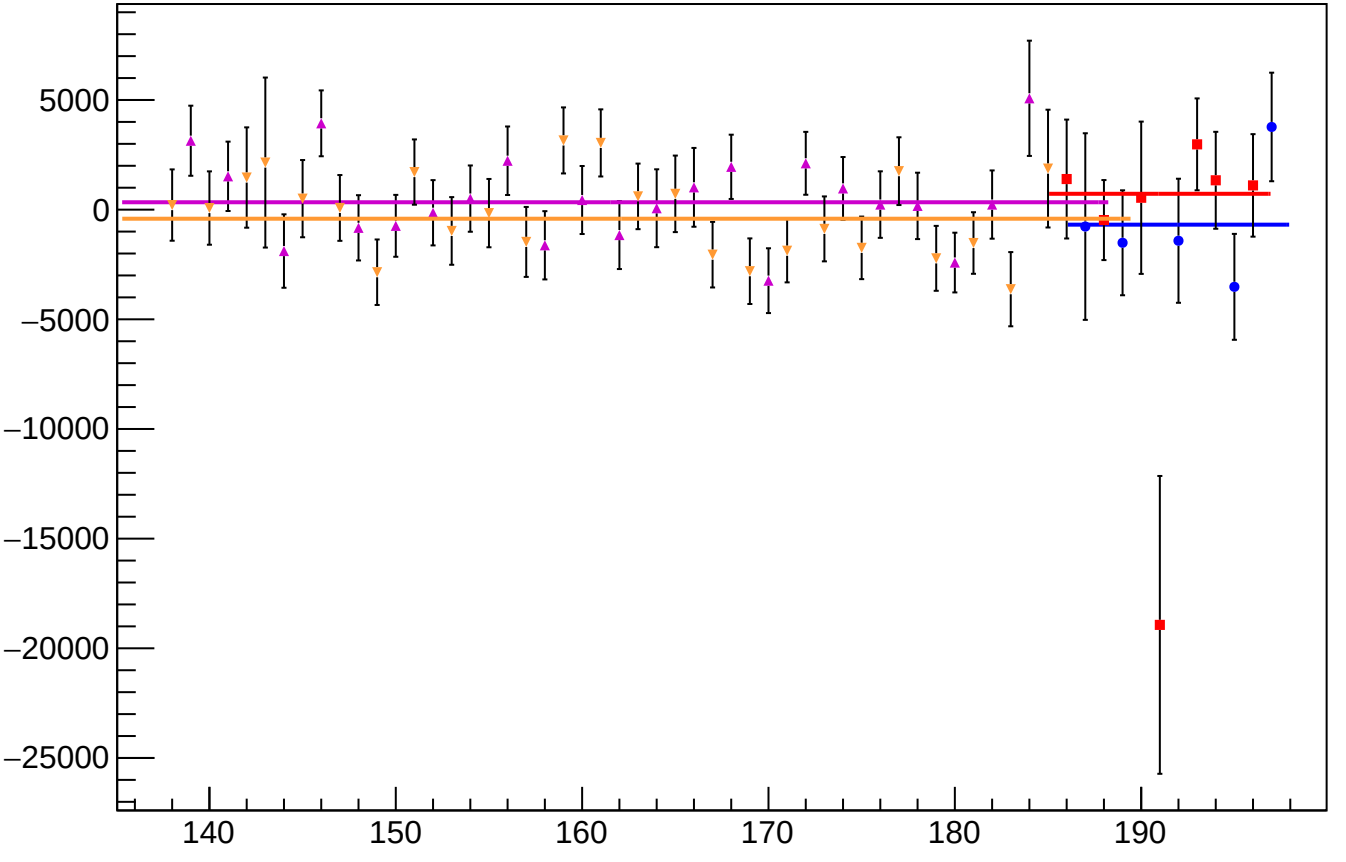
Left In: 359.000+/-0.062 χ^2/NDF:1858849.9/22

+ sign 368.081+/-0.062 χ^2/NDF: 5893051.5/29

All: 372.111+/-0.044 χ^2/NDF: 11847688.6/59

- sign 376.152+/-0.062 χ^2/NDF: 5946071.1/29

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -684.305+/-1204.063 χ^2/NDF: 4.8/4

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

Right Out: 723.073+/-929.713 χ^2/NDF: 10.1/6

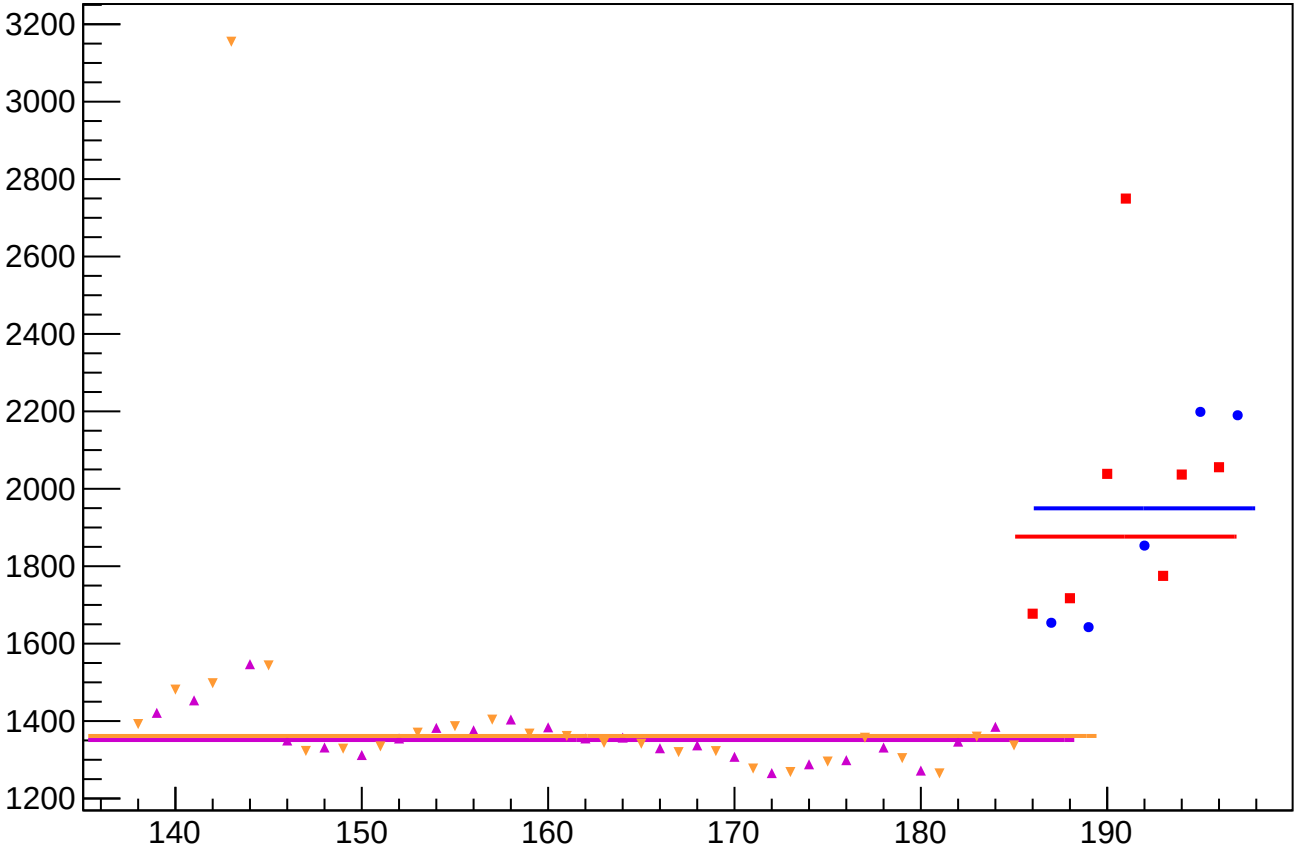
Left In: 337.193+/-323.023 χ^2/NDF:32.8/22

+ sign -431.350+/-309.875 χ^2/NDF: 37.7/29

All: -20.047+/-217.418 χ^2/NDF: 84.2/59

- sign 378.758+/-305.130 χ^2/NDF: 43.1/29

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1949.527+/-0.851 χ^2/NDF: 85061.2/4

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

Right Out: 1876.483+/-0.657 χ^2/NDF: 90436.4/6

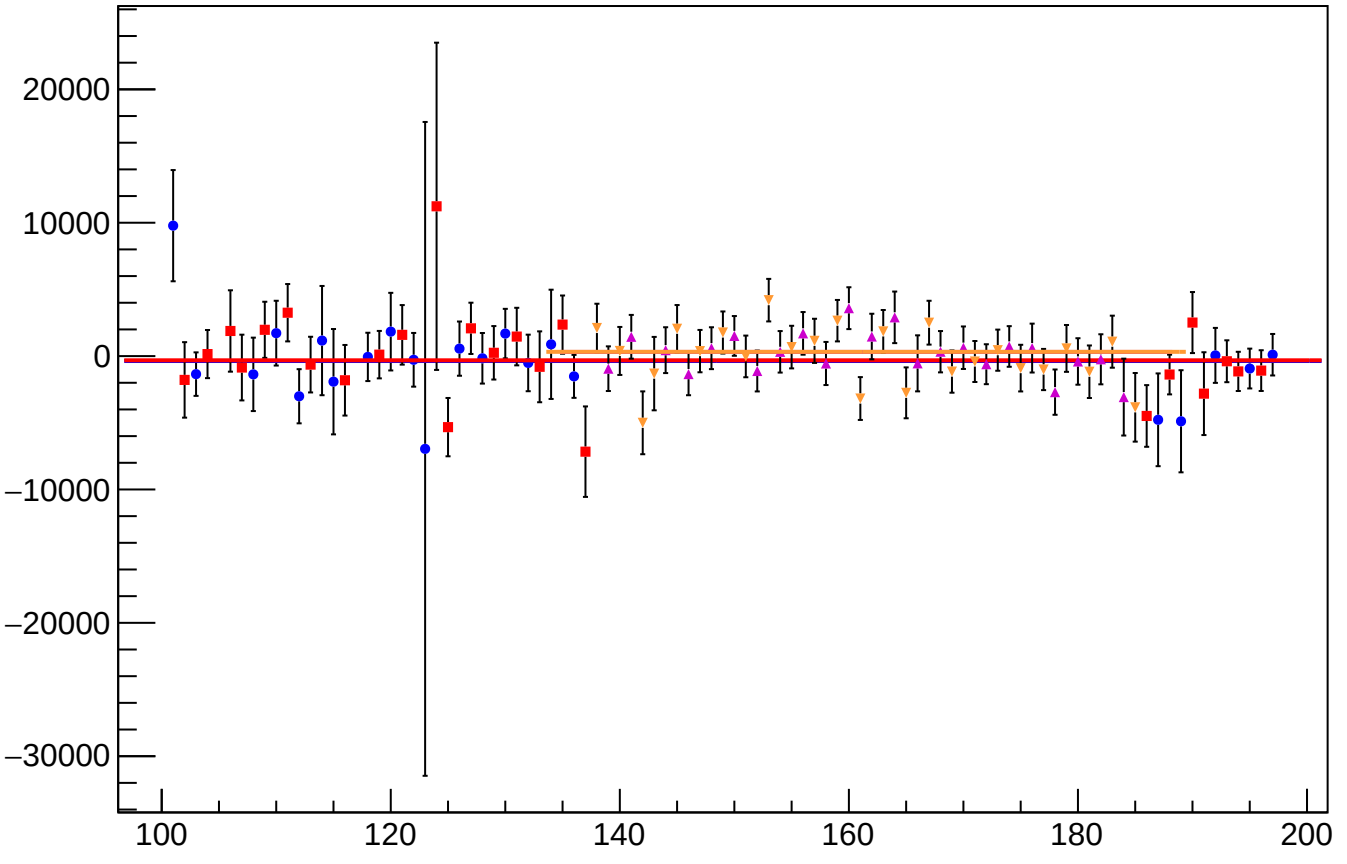
Left In: 1351.012+/-0.228 χ^2/NDF:68978.1/22

+ sign 1400.457+/-0.219 χ^2/NDF: 1038329.3/29

All: 1404.090+/-0.154 χ^2/NDF: 1768362.2/59

- sign 1407.613+/-0.216 χ^2/NDF: 729491.3/29

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -368.955+/-471.479 χ^2/NDF: 15.2/21

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

Right Out: -315.632+/-420.581 χ^2/NDF: 26.6/24

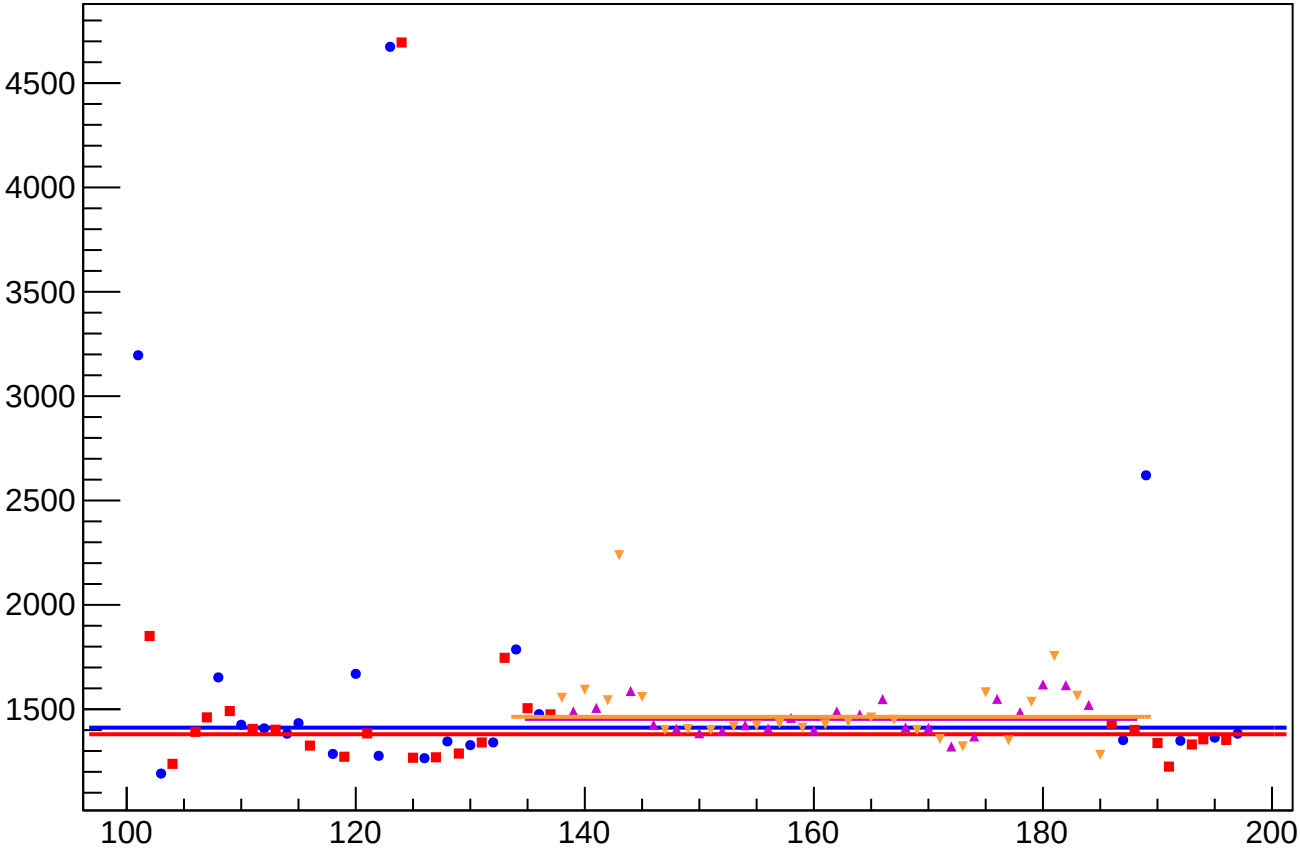
Left In: 310.833+/-348.292 χ^2/NDF:16.8/22

+ sign 80.109+/-278.233 χ^2/NDF: 49.0/46

All: 67.606+/-193.115 χ^2/NDF: 93.7/94

- sign 55.984+/-268.252 χ^2/NDF: 44.7/47

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1411.748+/-0.333 χ^2/NDF: 731559.1/21

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

Right Out: 1380.171+/-0.297 χ^2/NDF: 303128.1/24

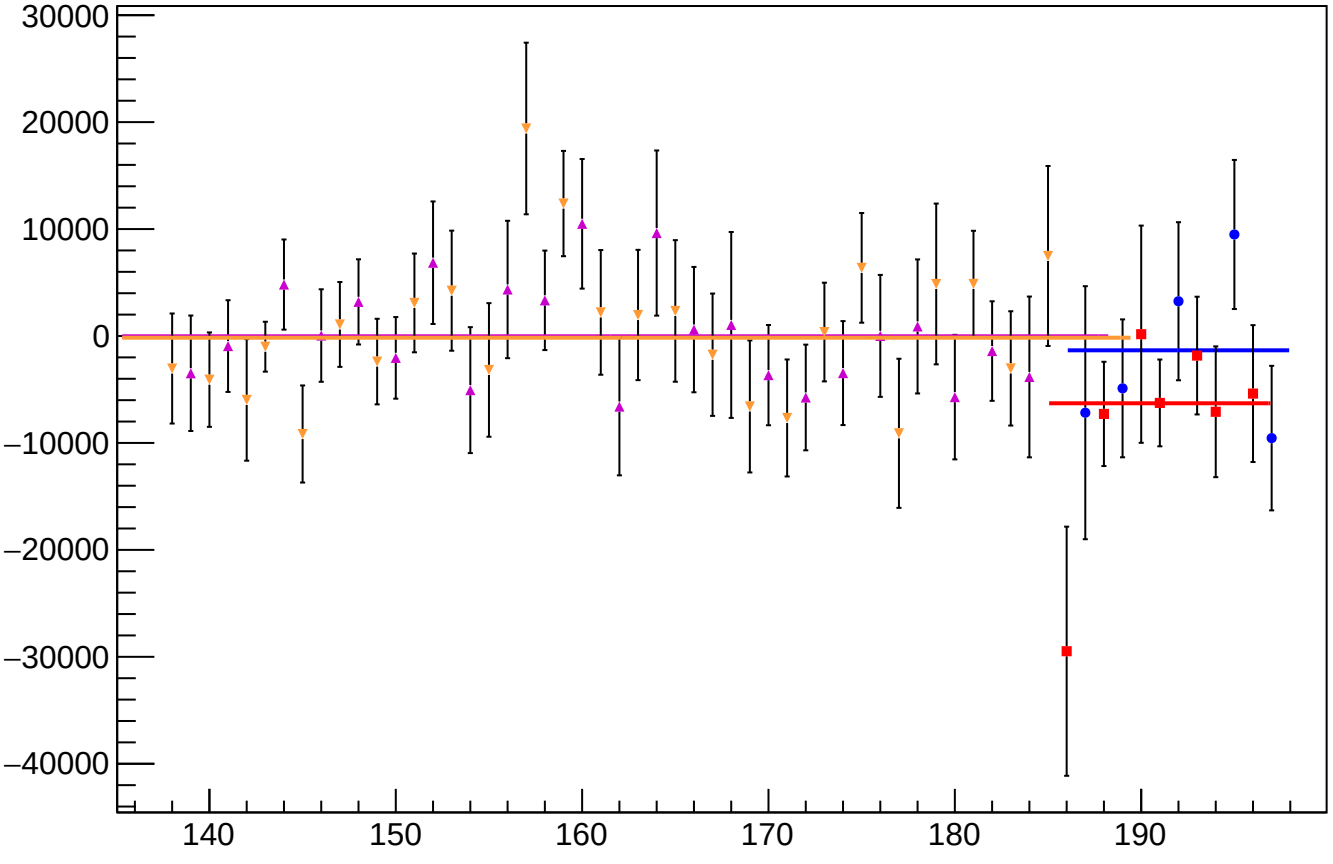
Left In: 1453.763+/-0.246 χ^2/NDF:99224.2/22

+ sign 1445.617+/-0.197 χ^2/NDF: 1057885.6/46

All: 1434.315+/-0.137 χ^2/NDF: 1502942.1/94

- sign 1423.813+/-0.190 χ^2/NDF: 438690.5/47

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: -1338.315+/-3297.452 χ^2/NDF: 4.8/4

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

Right Out: -6290.919+/-2213.878 χ^2/NDF: 5.1/6

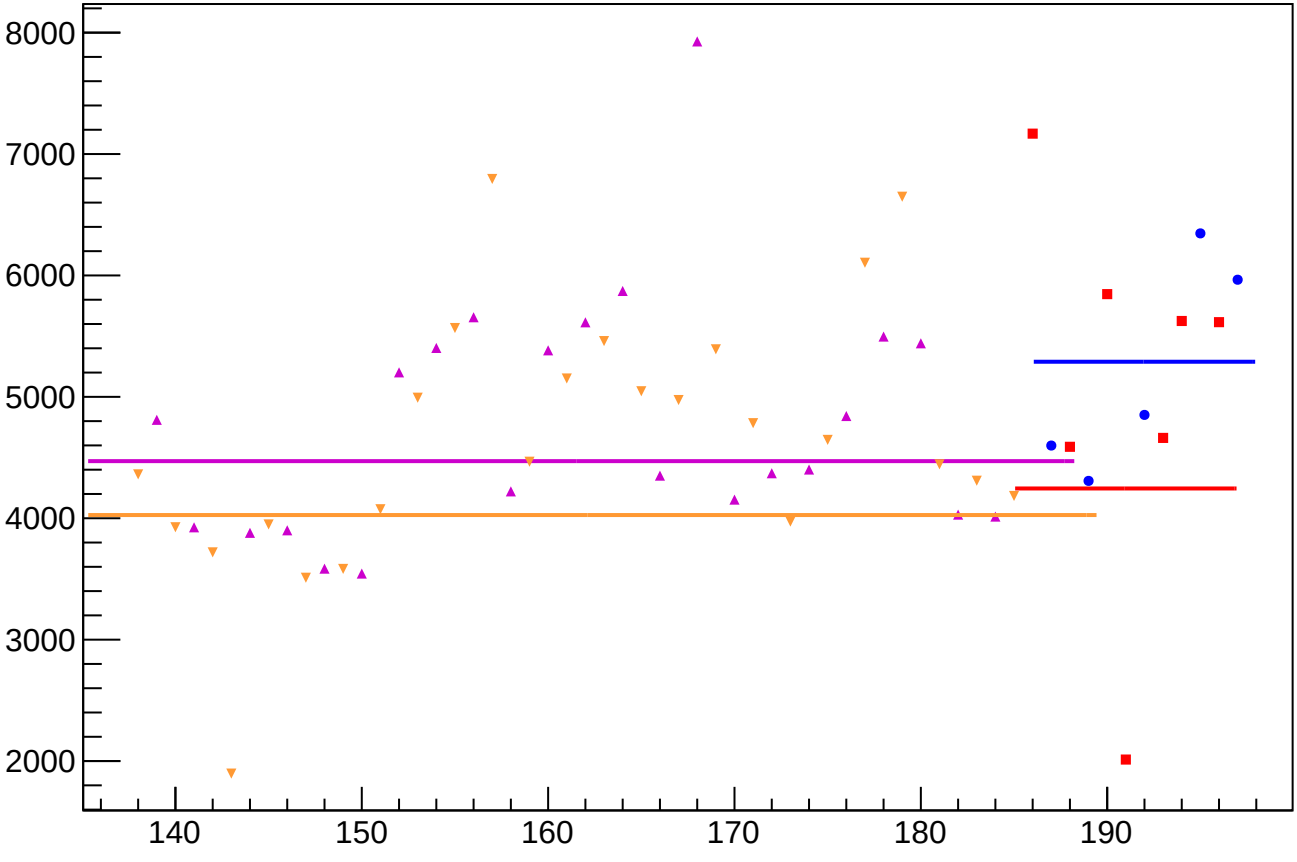
Left In: -26.926+/-1085.415 χ^2/NDF:15.3/22

+ sign -257.421+/-947.614 χ^2/NDF: 34.7/29

All: -735.328+/-679.399 χ^2/NDF: 62.0/59

- sign -1240.827+/-974.585 χ^2/NDF: 26.8/29

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 5289.237+/-2.332 χ^2/NDF: 126142.0/4

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

Right Out: 4245.321+/-1.565 χ^2/NDF: 995901.0/6

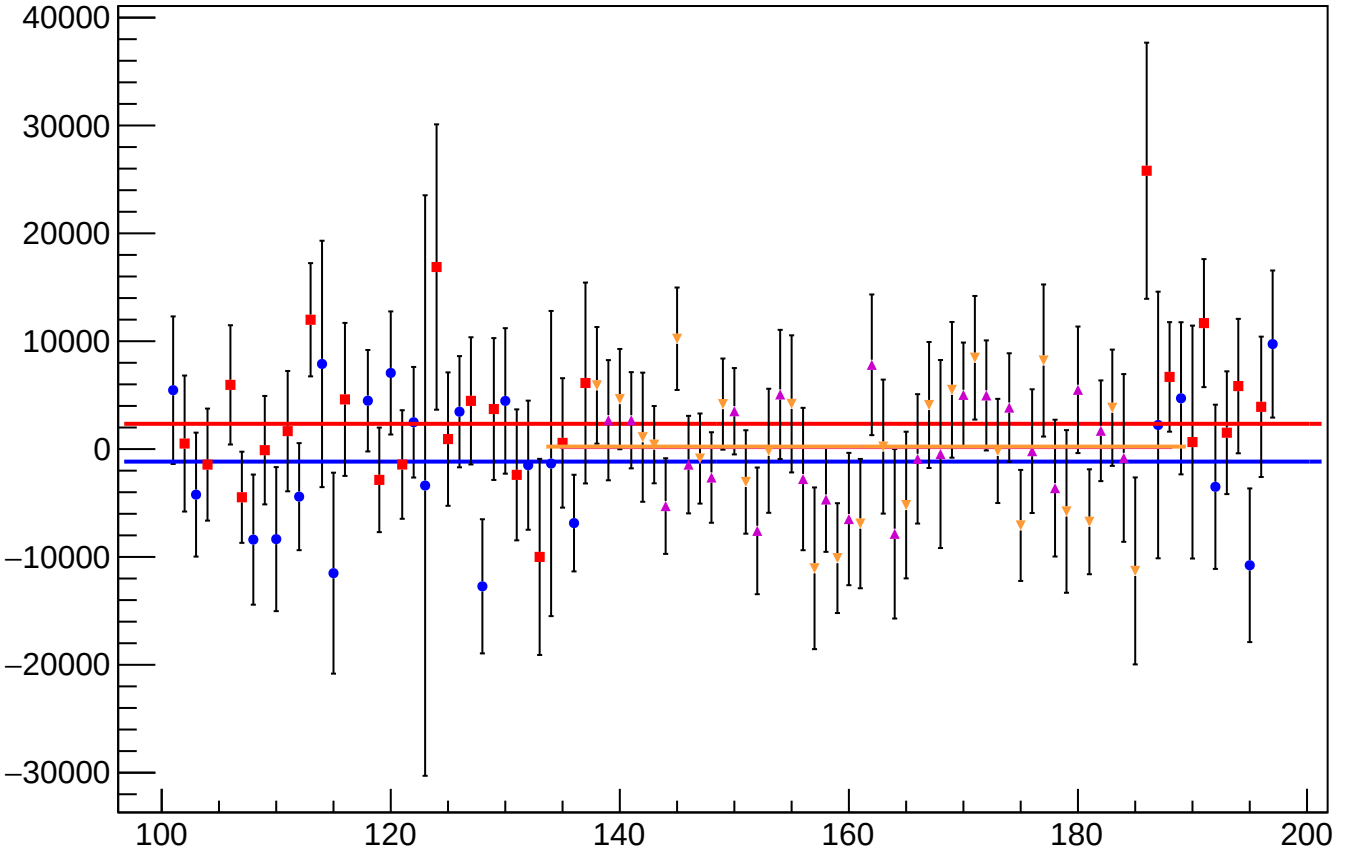
Left In: 4470.490+/-0.768 χ^2/NDF:1132495.2/22

+ sign 4130.735+/-0.670 χ^2/NDF: 3466499.1/29

All: 4274.641+/-0.480 χ^2/NDF: 5706484.7/59

- sign 4426.855+/-0.689 χ^2/NDF: 2145075.9/29

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1161.154+/-1373.471 χ^2/NDF: 22.0/21

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

Right Out: 2342.558+/-1207.096 χ^2/NDF: 20.8/24

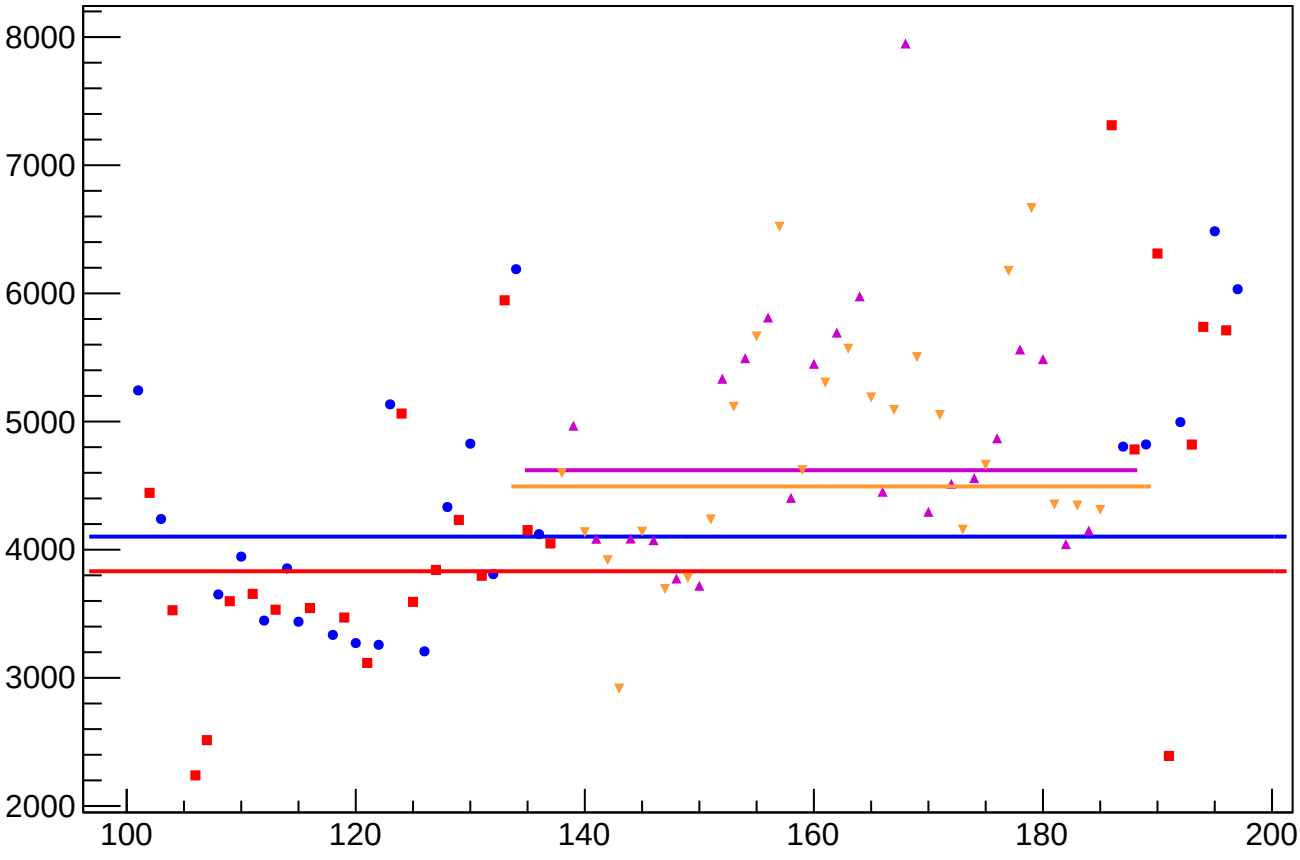
Left In: 185.280+/-1119.296 χ^2/NDF:14.3/22

+ sign -297.643+/-845.816 χ^2/NDF: 50.7/46

All: 464.748+/-589.019 χ^2/NDF: 89.0/94

- sign 1182.617+/-820.748 χ^2/NDF: 36.7/47

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 4102.159+/-0.971 χ^2/NDF: 841223.0/21

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

Right Out: 3831.793+/-0.848 χ^2/NDF: 1525561.8/24

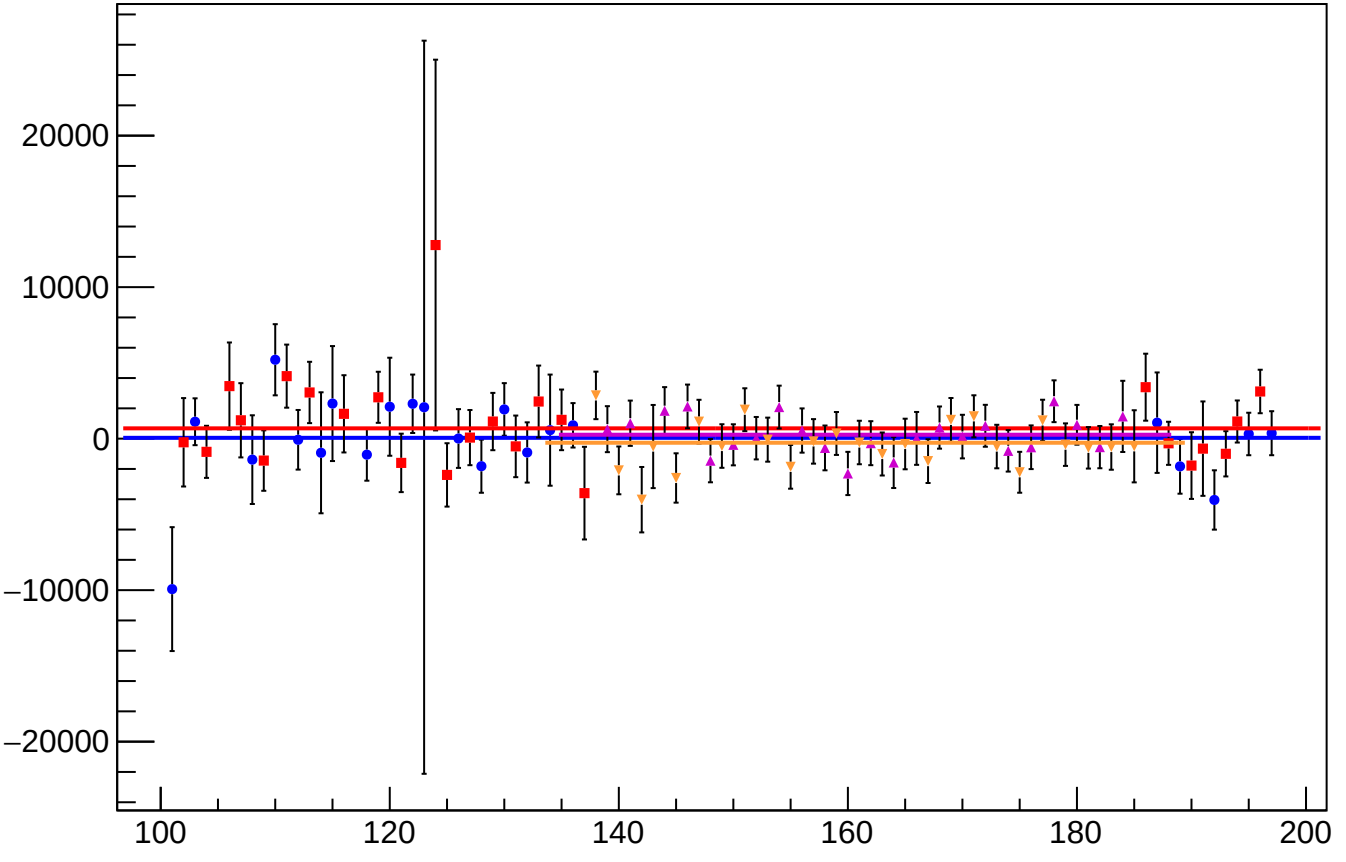
Left In: 4619.952+/-0.791 χ^2/NDF:1001966.3/22

+ sign 4344.969+/-0.598 χ^2/NDF: 2251056.4/46

All: 4297.363+/-0.416 χ^2/NDF: 5252769.0/94

- sign 4252.827+/-0.578 χ^2/NDF: 2989449.5/47

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 53.893+/-437.311 χ^2/NDF: 22.6/21

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

Right Out: 679.751+/-398.499 χ^2/NDF: 24.1/24

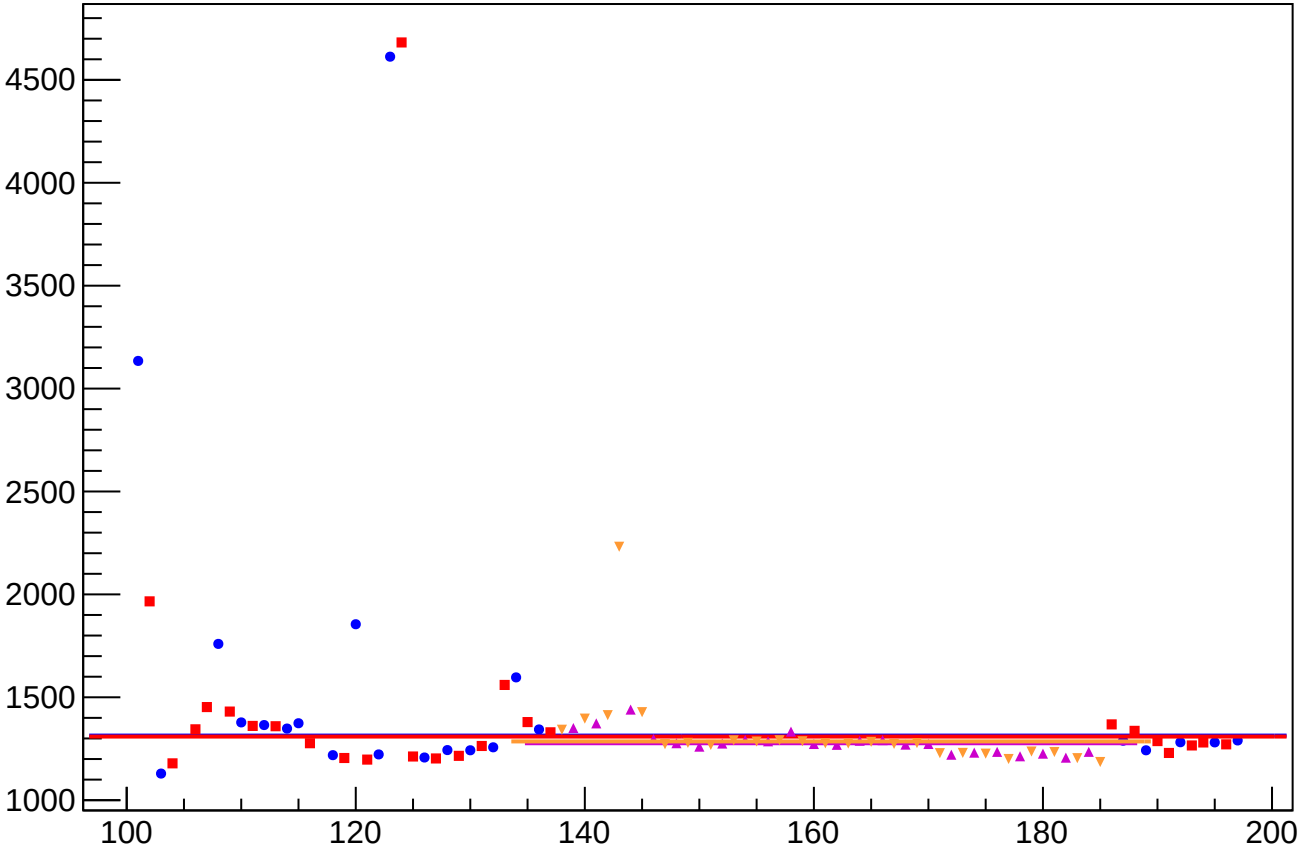
Left In: 258.285+/-305.289 χ^2/NDF:16.0/22

+ sign -165.752+/-248.519 χ^2/NDF: 45.2/46

All: 131.496+/-173.506 χ^2/NDF: 88.7/94

- sign 414.161+/-242.346 χ^2/NDF: 40.8/47

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1313.959+/-0.309 χ^2/NDF: 610975.8/21

Left Out: 1285.574+/-0.214 χ^2/NDF:306057.6/24

Right Out: 1309.185+/-0.282 χ^2/NDF: 346085.0/24

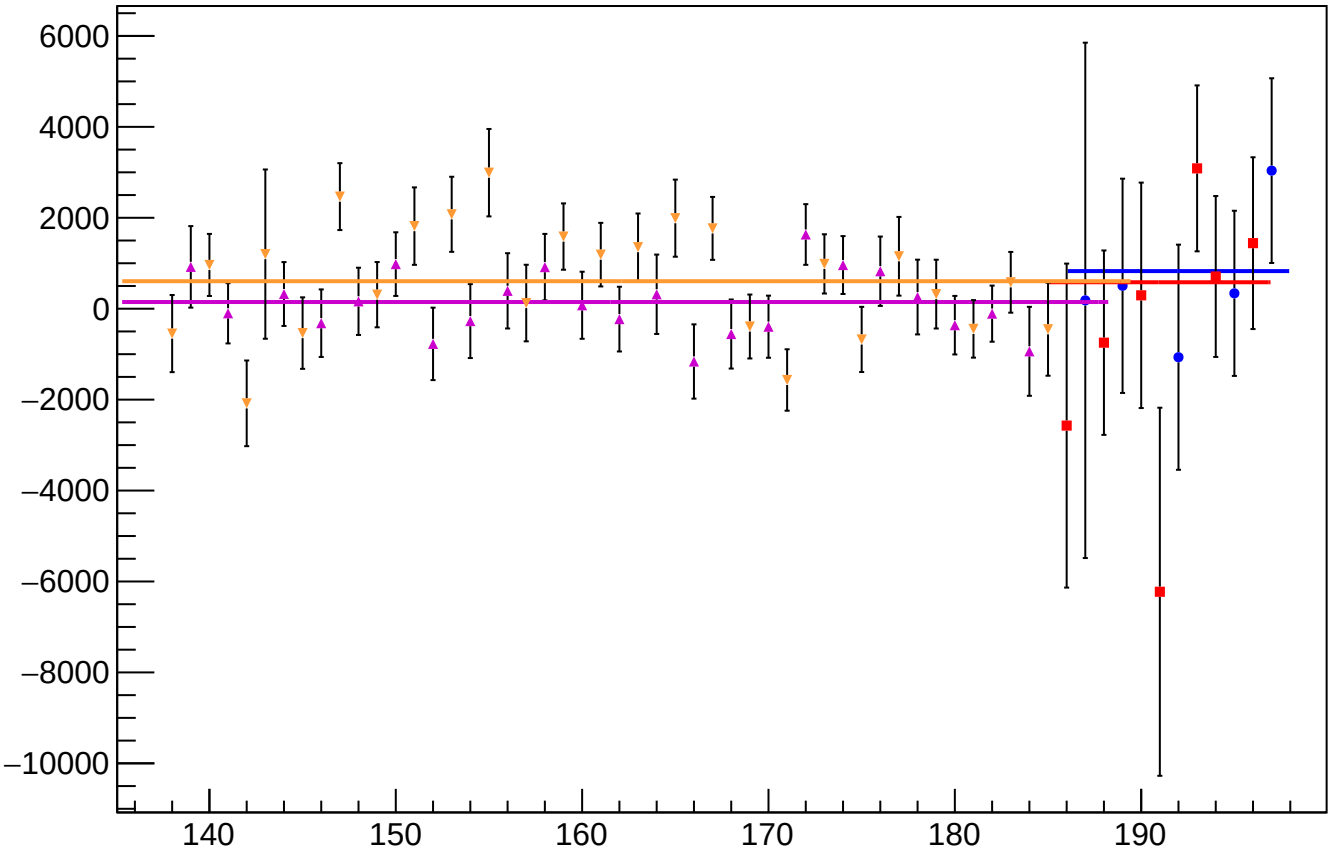
Left In: 1276.755+/-0.216 χ^2/NDF:59434.2/22

+ sign 1294.741+/-0.176 χ^2/NDF: 922738.0/46

All: 1291.670+/-0.123 χ^2/NDF: 1337199.9/94

- sign 1288.749+/-0.171 χ^2/NDF: 413865.9/47

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: 827.554+/-1042.728 χ^2/NDF: 1.9/4

Left Out: 605.167+/-153.922 χ^2/NDF:60.0/24

Right Out: 581.913+/-831.833 χ^2/NDF: 6.2/6

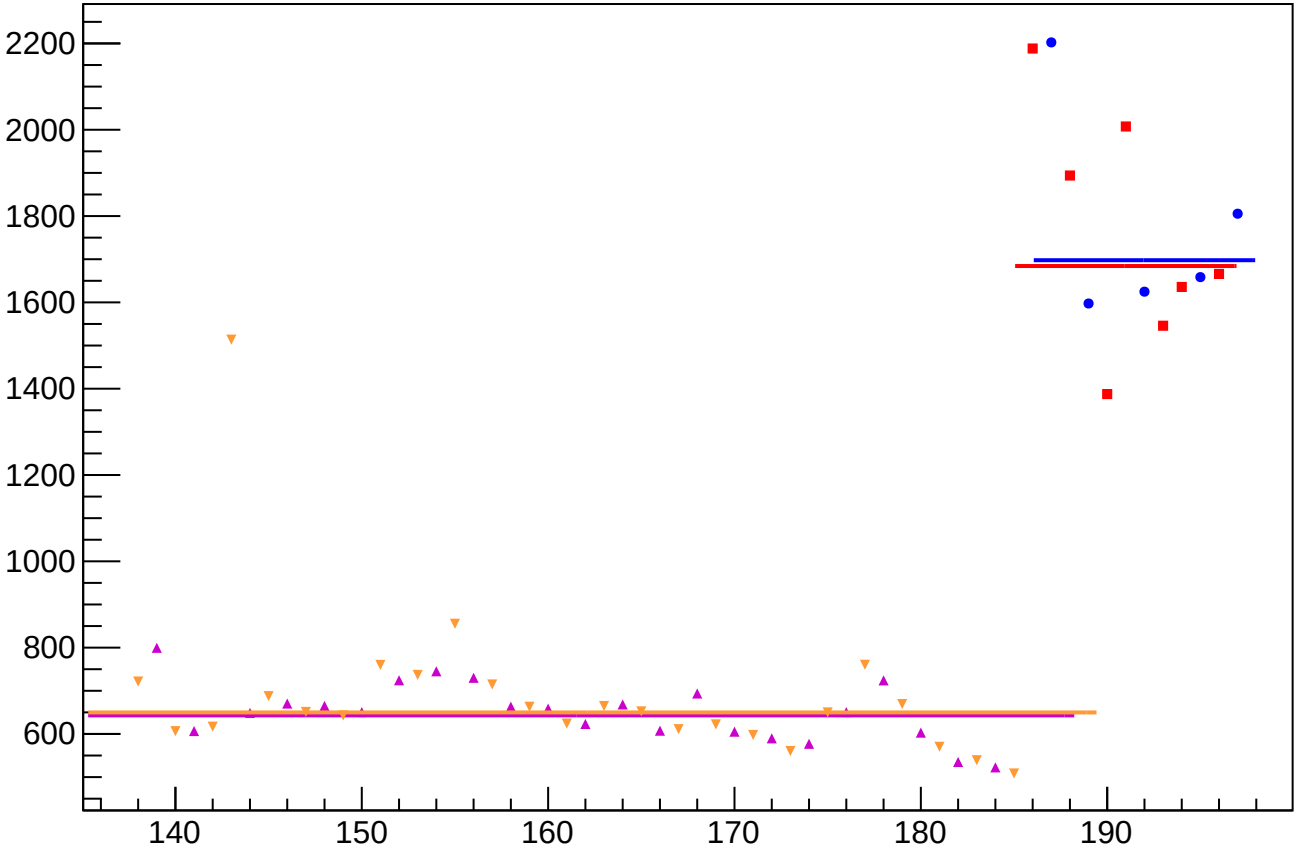
Left In: 147.044+/-154.051 χ^2/NDF:19.4/22

+ sign 609.909+/-152.272 χ^2/NDF: 61.9/29

All: 384.511+/-107.390 χ^2/NDF: 92.0/59

- sign 161.465+/-151.476 χ^2/NDF: 25.8/29

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 1697.709+/-0.737 χ^2/NDF: 27773.3/4

Left Out: 649.866+/-0.109 χ^2/NDF:840823.5/24

Right Out: 1684.245+/-0.588 χ^2/NDF: 115961.8/6

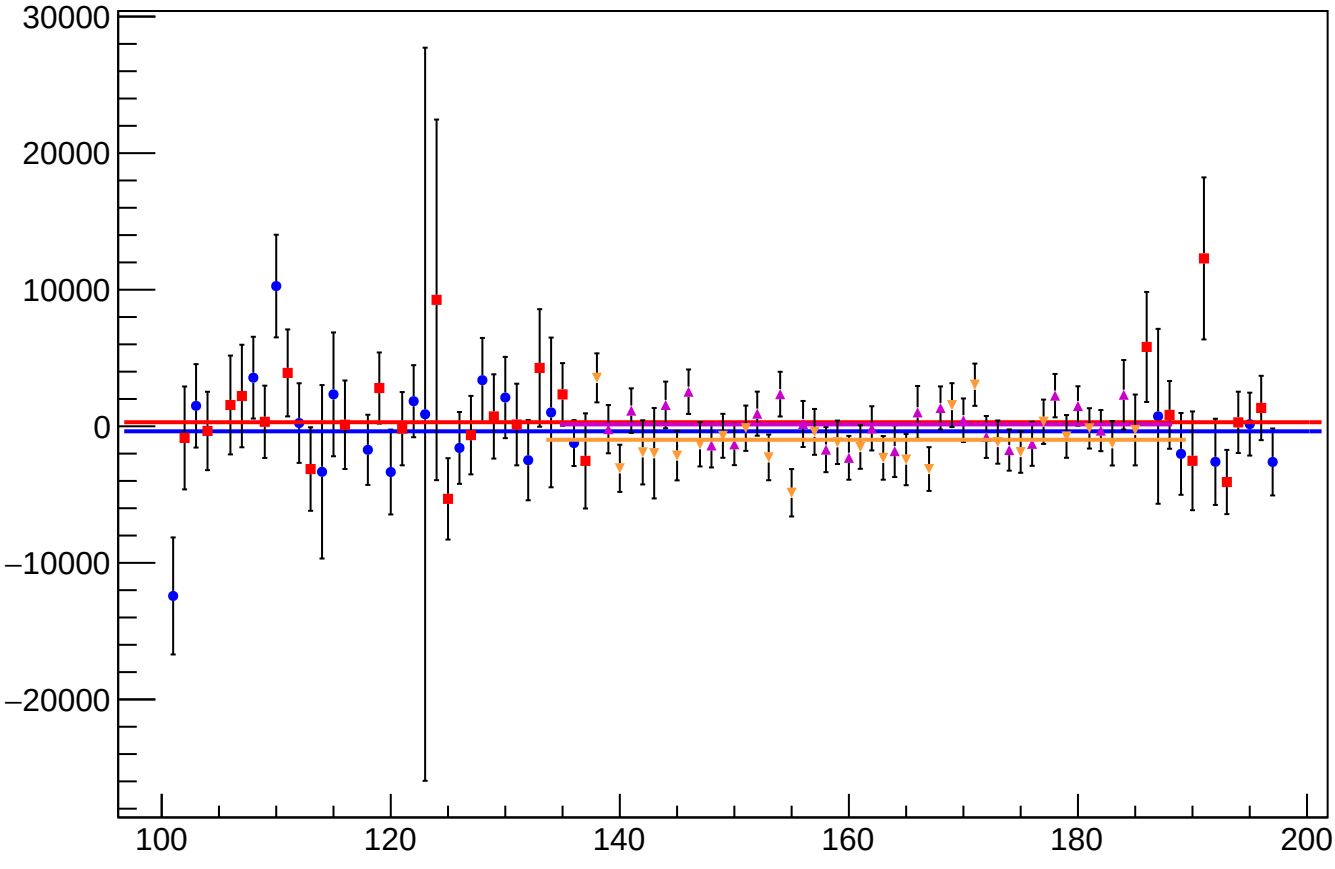
Left In: 643.008+/-0.109 χ^2/NDF:323844.6/22

+ sign 672.212+/-0.108 χ^2/NDF: 2845196.5/29

All: 674.888+/-0.076 χ^2/NDF: 6316007.7/59

- sign 677.535+/-0.107 χ^2/NDF: 3469582.6/29

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -366.906+/-646.454 χ^2/NDF: 25.5/21

Left Out: -987.247+/-339.757 χ^2/NDF:28.5/24

Right Out: 297.809+/-603.986 χ^2/NDF: 20.7/24

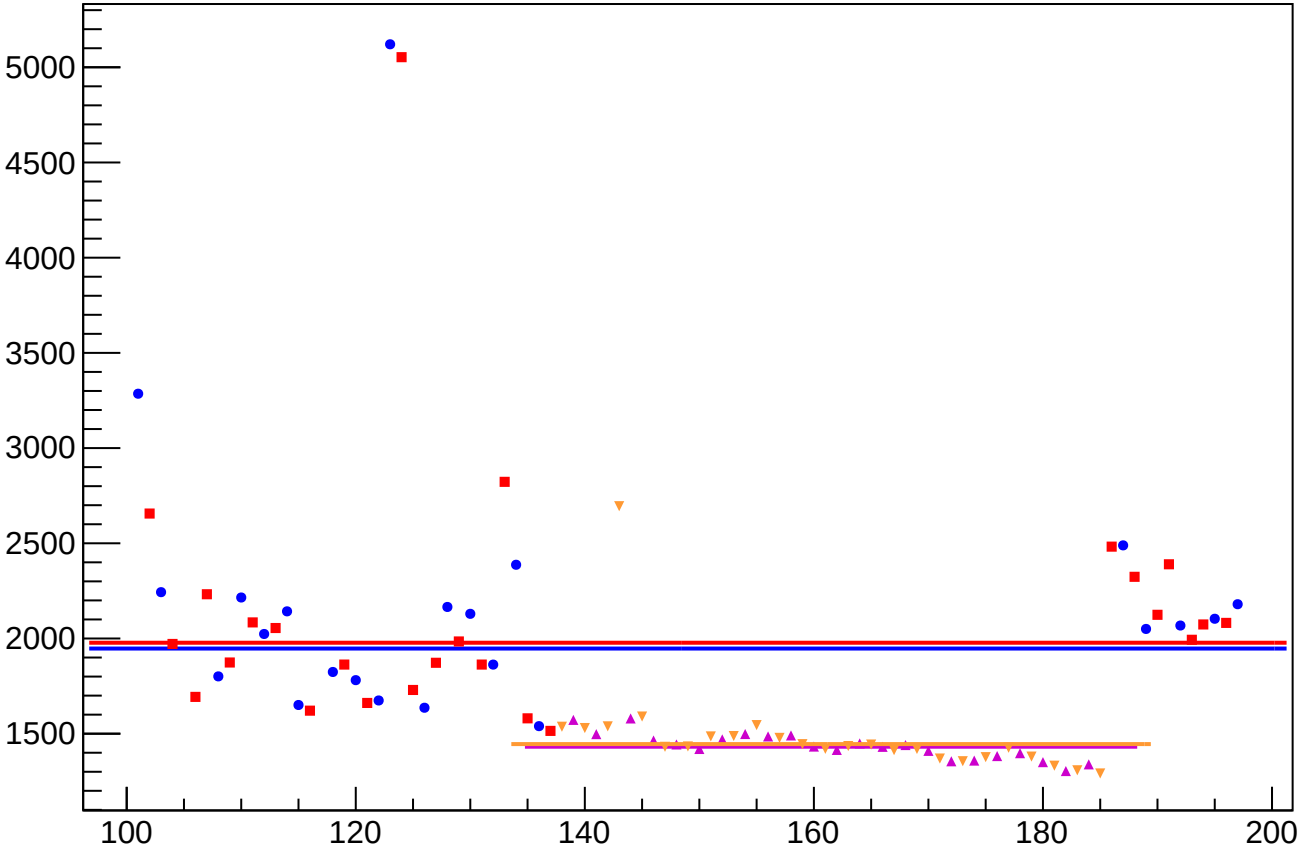
Left In: 137.780+/-342.262 χ^2/NDF:18.8/22

+ sign -852.981+/-300.749 χ^2/NDF: 54.7/46

All: -333.035+/-211.602 χ^2/NDF: 100.2/94

- sign 176.677+/-297.775 χ^2/NDF: 39.6/47

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1947.170+/-0.457 χ^2/NDF: 525032.6/21

Left Out: 1445.418+/-0.240 χ^2/NDF:374859.2/24

Right Out: 1977.713+/-0.427 χ^2/NDF: 540455.9/24

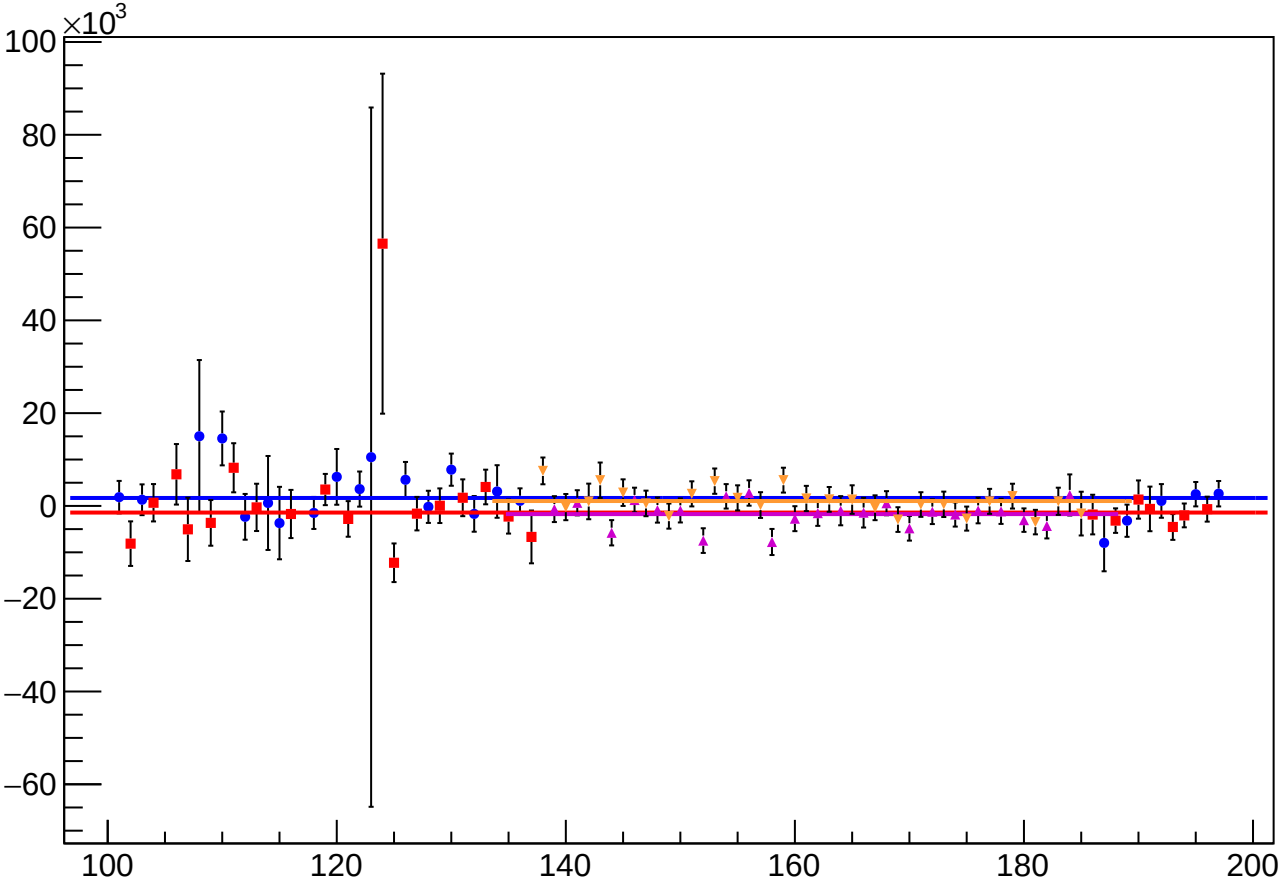
Left In: 1431.663+/-0.242 χ^2/NDF:77792.5/22

+ sign 1554.017+/-0.213 χ^2/NDF: 1843973.1/46

All: 1559.255+/-0.150 χ^2/NDF: 3700816.6/94

- sign 1564.391+/-0.211 χ^2/NDF: 1855642.0/47

dit_asym_atl1_mean vs Slug



Right In: 1715.727+/-848.405 χ^2/NDF: 18.5/21

Left Out: 1057.276+/-566.243 χ^2/NDF:22.7/24

Right Out: -1429.855+/-784.377 χ^2/NDF: 25.4/24

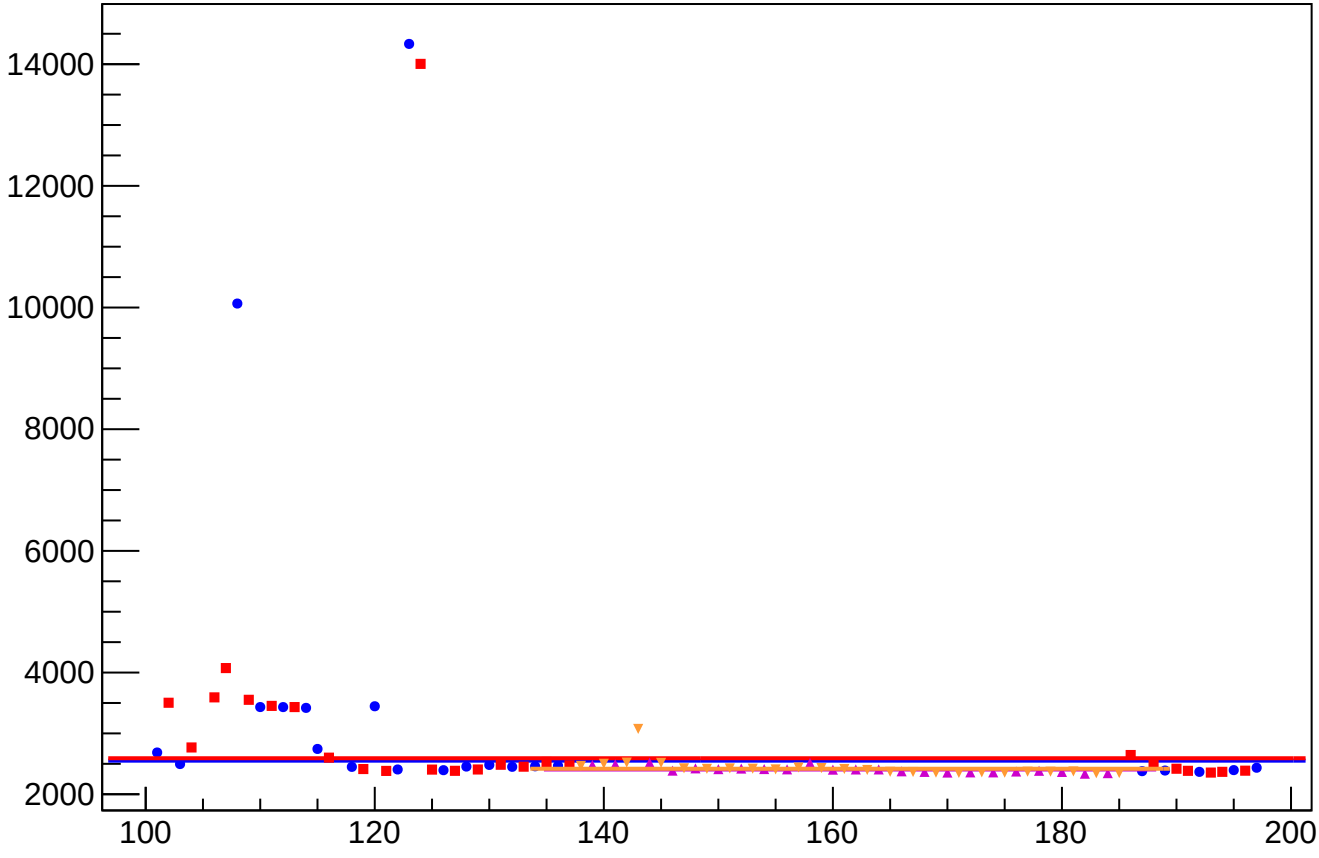
Left In: -1762.122+/-574.660 χ^2/NDF:23.2/22

+ sign 1260.194+/-470.978 χ^2/NDF: 41.6/46

All: -215.996+/-330.379 χ^2/NDF: 109.8/94

- sign -1646.069+/-463.563 χ^2/NDF: 48.8/47

dit_asym_atl1_rms vs Slug



Right In: 2551.937+/-0.600 χ^2/NDF: 676687.0/21

Left Out: 2418.972+/-0.400 χ^2/NDF:74779.7/24

Right Out: 2591.648+/-0.555 χ^2/NDF: 678712.8/24

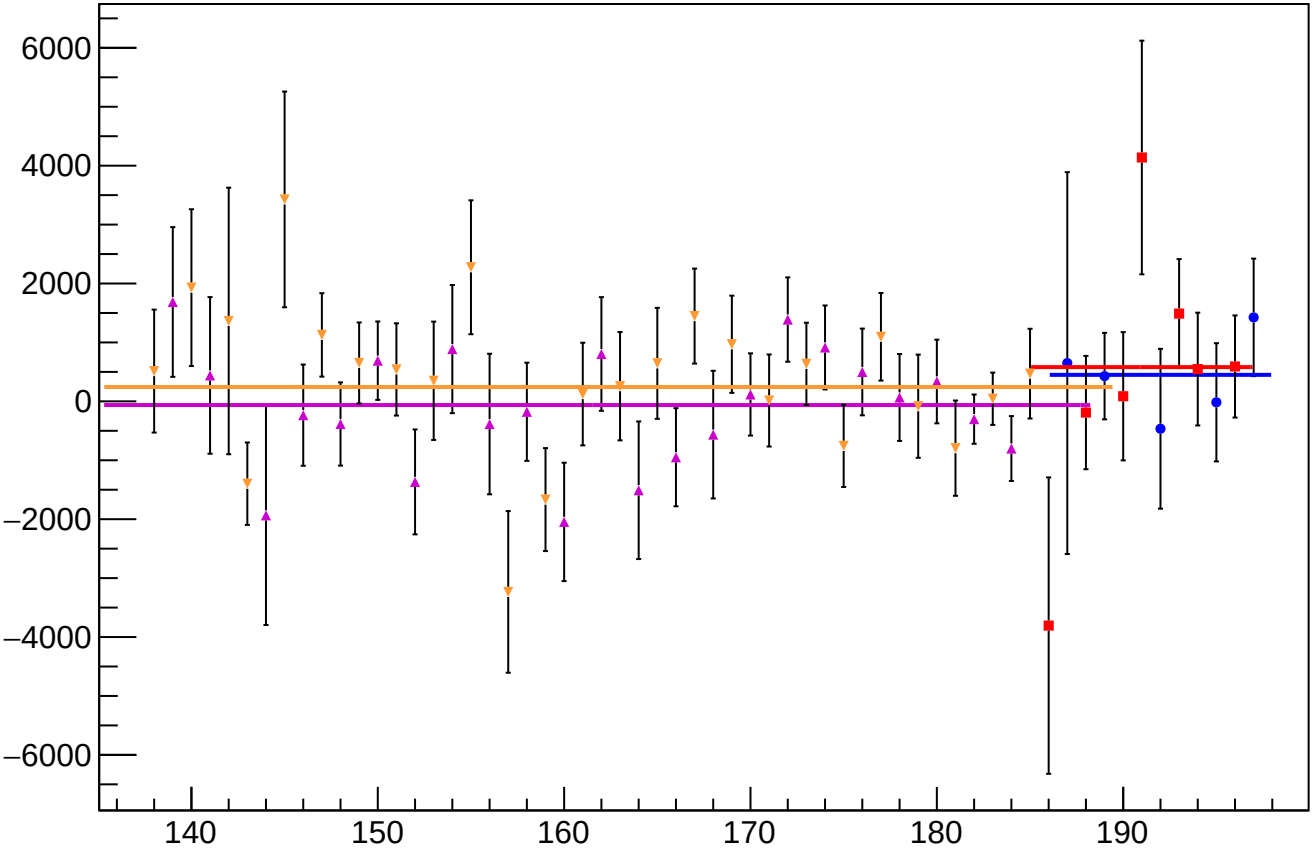
Left In: 2406.443+/-0.406 χ^2/NDF:15245.2/22

+ sign 2459.949+/-0.333 χ^2/NDF: 785452.4/46

All: 2465.629+/-0.234 χ^2/NDF: 1552540.8/94

- sign 2471.131+/-0.328 χ^2/NDF: 766515.7/47

asym_atl1_correction_mean vs Slug



Right In: 449.977+/-471.752 χ^2/NDF: 1.6/4

Left Out: 243.135+/-163.940 χ^2/NDF:36.0/24

Right Out: 581.050+/-410.684 χ^2/NDF: 8.1/6

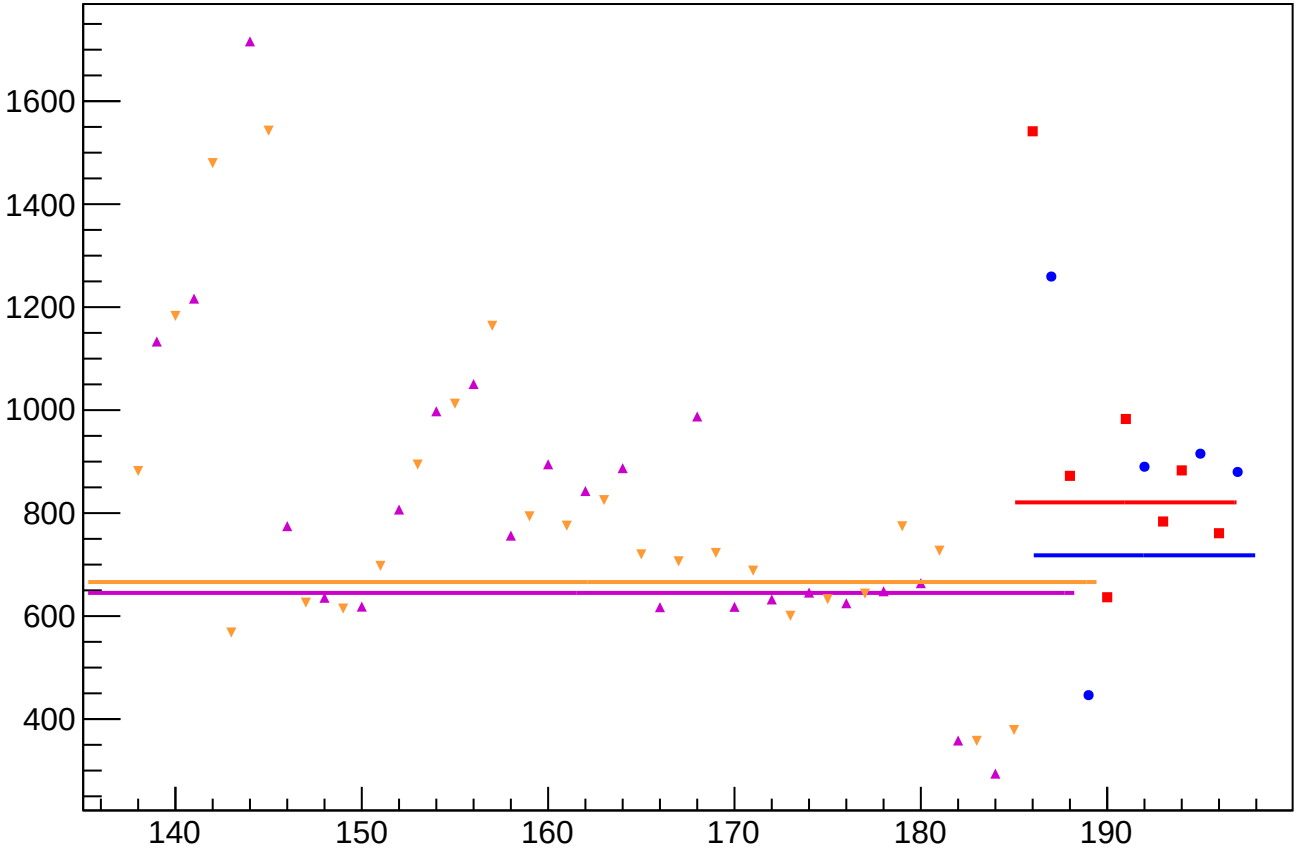
Left In: -62.569+/-164.169 χ^2/NDF:24.3/22

+ sign 265.423+/-154.856 χ^2/NDF: 37.8/29

All: 143.884+/-108.636 χ^2/NDF: 73.5/59

- sign 26.108+/-152.440 χ^2/NDF: 34.5/29

asym_atl1_correction_rms vs Slug



Right In: 718.029+/-0.334 χ^2/NDF: 491844.0/4

Left Out: 666.133+/-0.116 χ^2/NDF:3190574.7/24

Right Out: 820.830+/-0.290 χ^2/NDF: 261791.9/6

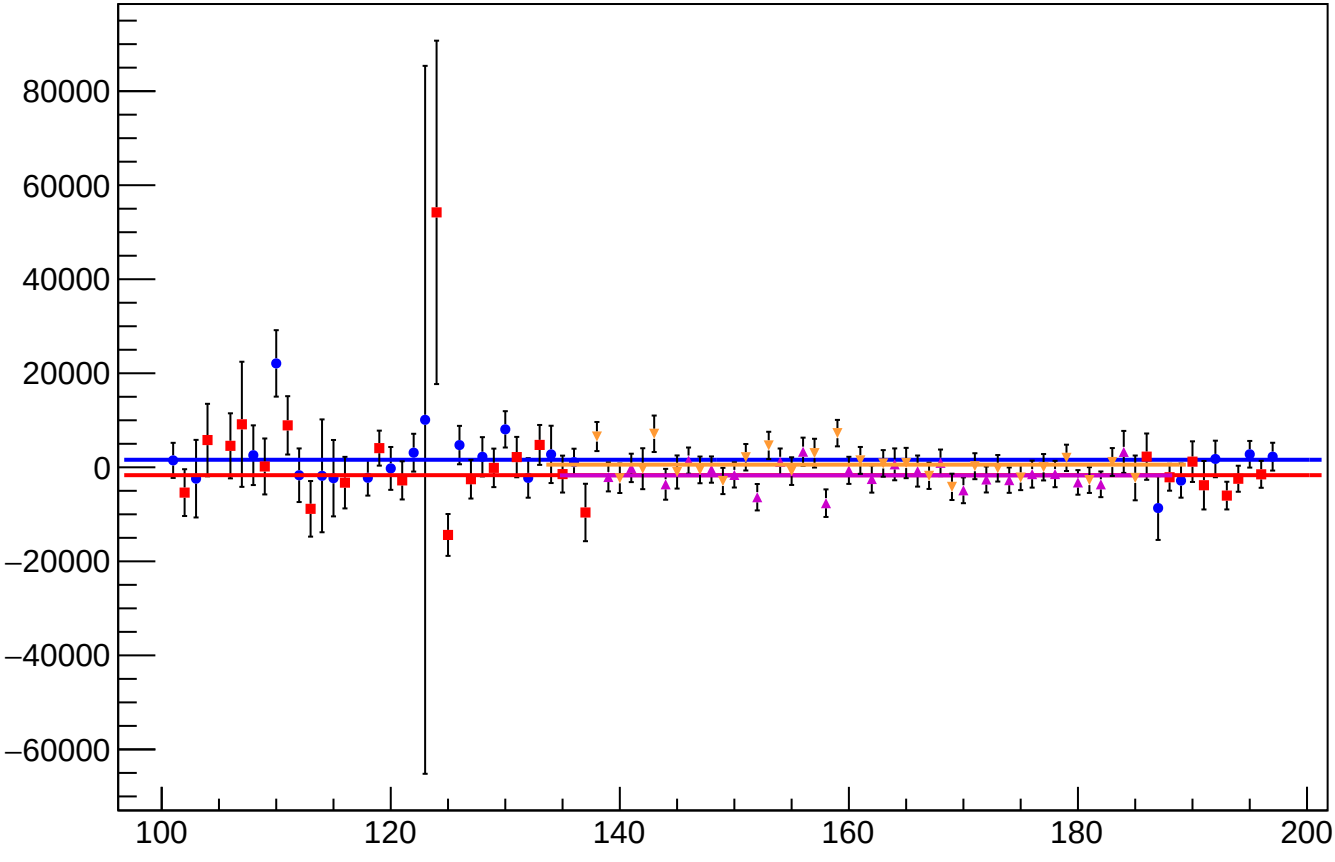
Left In: 645.011+/-0.116 χ^2/NDF:4176295.6/22

+ sign 671.725+/-0.109 χ^2/NDF: 3704013.7/29

All: 670.461+/-0.077 χ^2/NDF: 8458419.8/59

- sign 669.236+/-0.108 χ^2/NDF: 4754143.6/29

asym_atl1_mean vs Slug



Right In: 1603.431+/-929.737 χ^2/NDF: 19.0/21

Left Out: 566.778+/-598.308 χ^2/NDF:25.2/24

Right Out: -1673.544+/-868.251 χ^2/NDF: 29.0/24

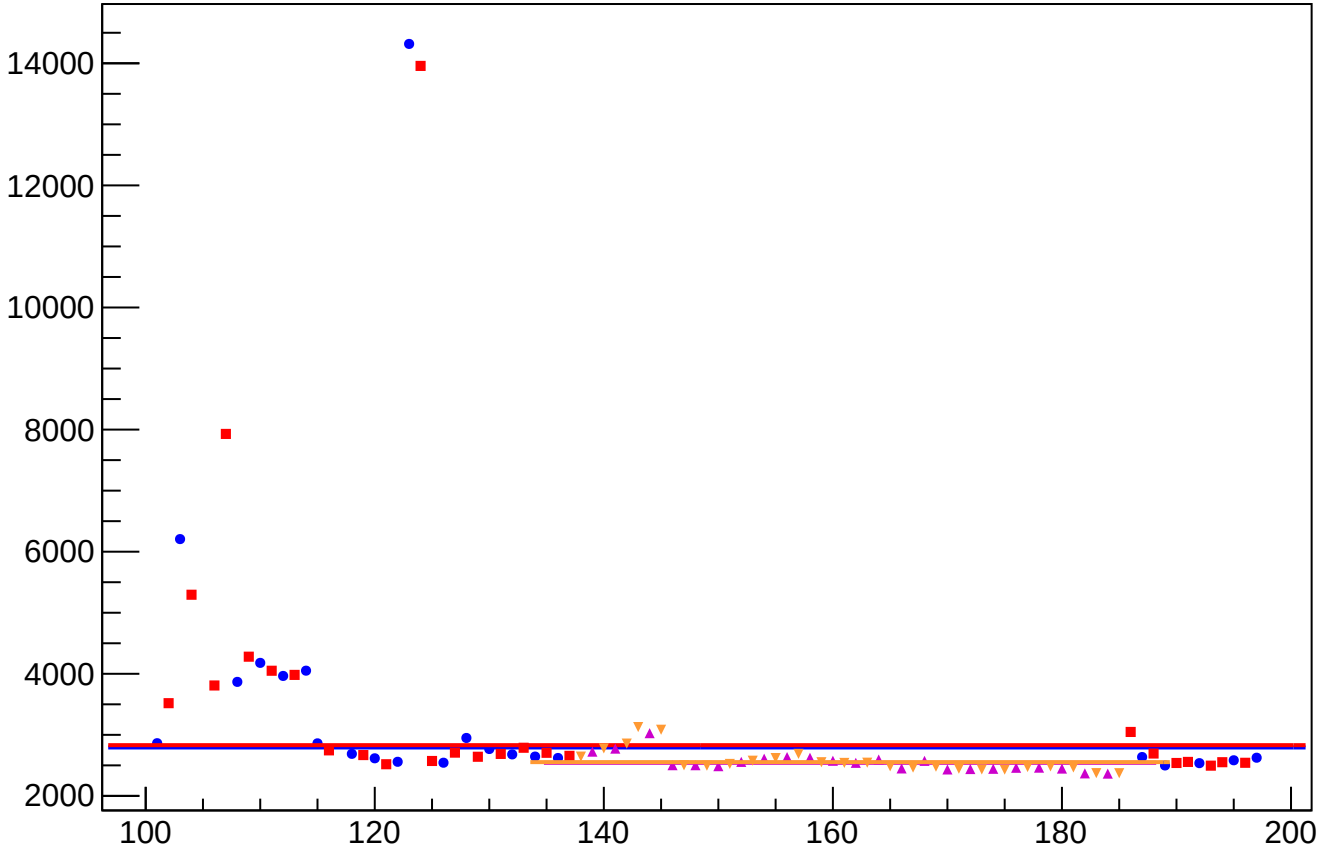
Left In: -1713.317+/-607.775 χ^2/NDF:18.1/22

+ sign 870.360+/-503.131 χ^2/NDF: 45.1/46

All: -428.348+/-353.907 χ^2/NDF: 105.3/94

- sign -1700.237+/-497.909 χ^2/NDF: 47.1/47

asym_atl1_rms vs Slug



Right In: 2793.070+/-0.657 χ^2/NDF: 702742.1/21

Left Out: 2553.097+/-0.423 χ^2/NDF:148430.5/24

Right Out: 2831.103+/-0.614 χ^2/NDF: 1158465.2/24

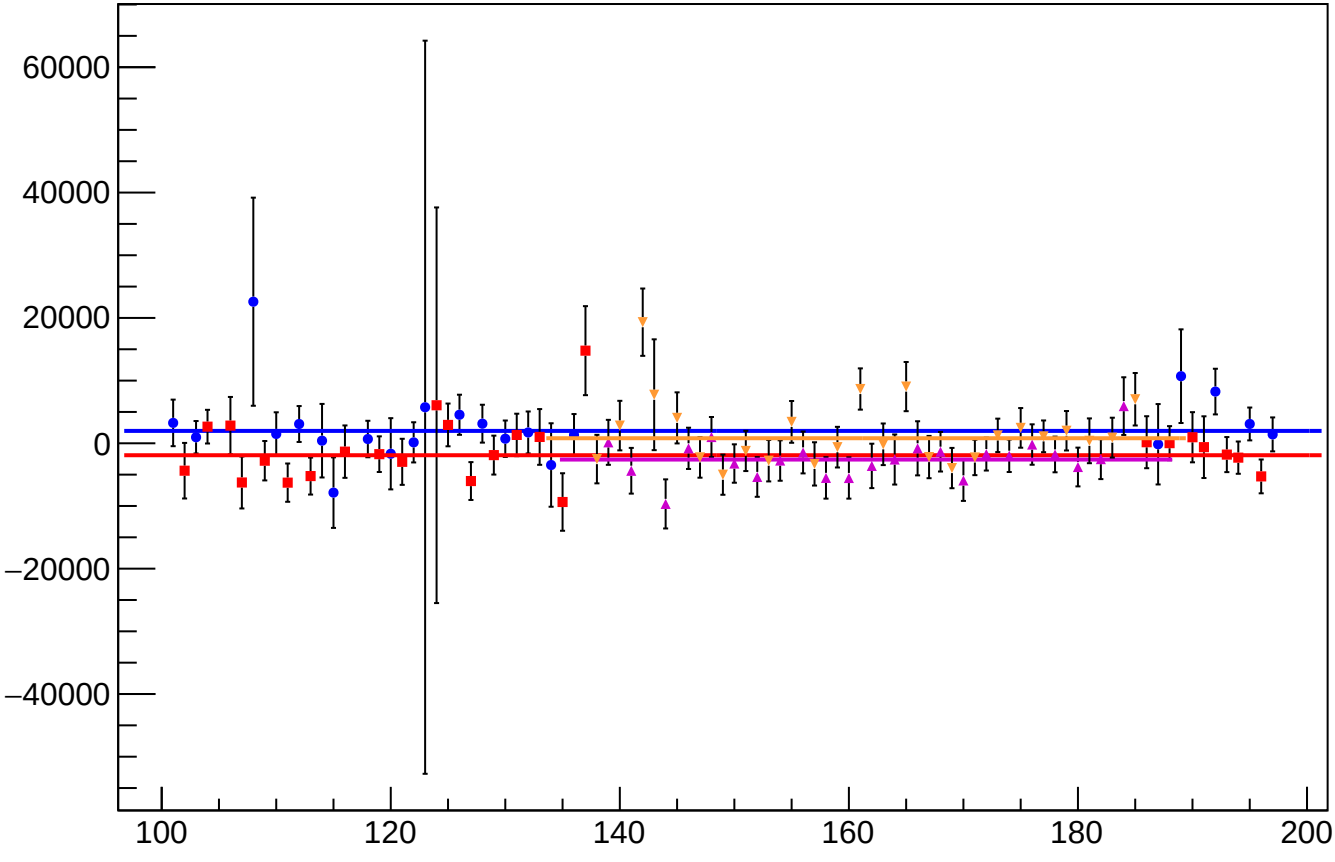
Left In: 2541.950+/-0.430 χ^2/NDF:97238.4/22

+ sign 2623.372+/-0.356 χ^2/NDF: 945393.6/46

All: 2630.278+/-0.250 χ^2/NDF: 2350714.1/94

- sign 2637.040+/-0.352 χ^2/NDF: 1404574.8/47

dit_asym_atl2_mean vs Slug



Right In: 1976.055+/-775.028 χ^2/NDF: 12.4/21

Left Out: 807.297+/-677.513 χ^2/NDF:39.1/24

Right Out: -1904.684+/-691.229 χ^2/NDF: 25.2/24

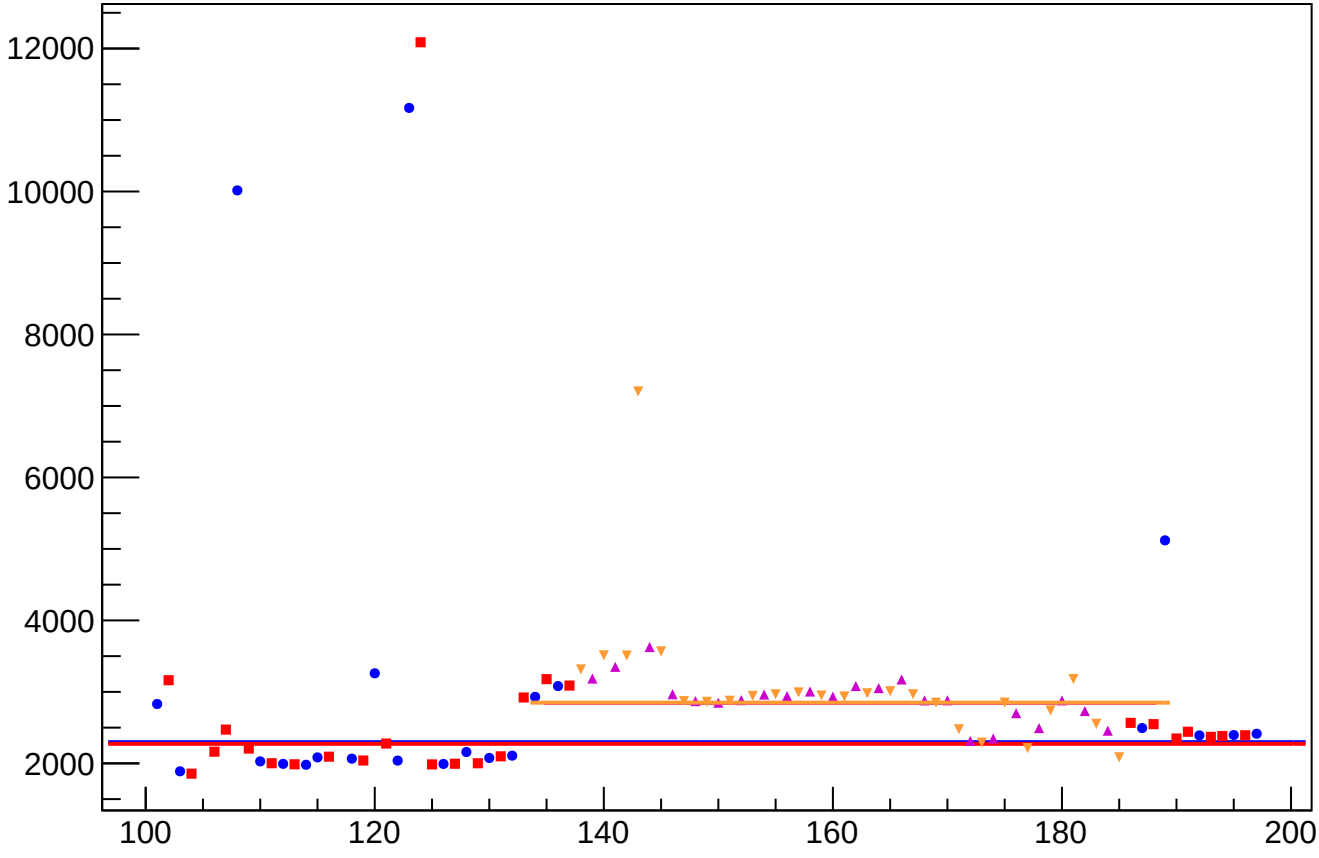
Left In: -2595.551+/-683.824 χ^2/NDF:14.0/22

+ sign 1313.565+/-510.088 χ^2/NDF: 52.8/46

All: -555.866+/-351.912 χ^2/NDF: 118.2/94

- sign -2253.838+/-486.134 χ^2/NDF: 39.7/47

dit_asym_atl2_rms vs Slug



Right In: 2296.677+/-0.548 χ^2/NDF: 1159467.1/21

Left Out: 2849.256+/-0.479 χ^2/NDF:1034478.3/24

Right Out: 2273.581+/-0.489 χ^2/NDF: 622990.0/24

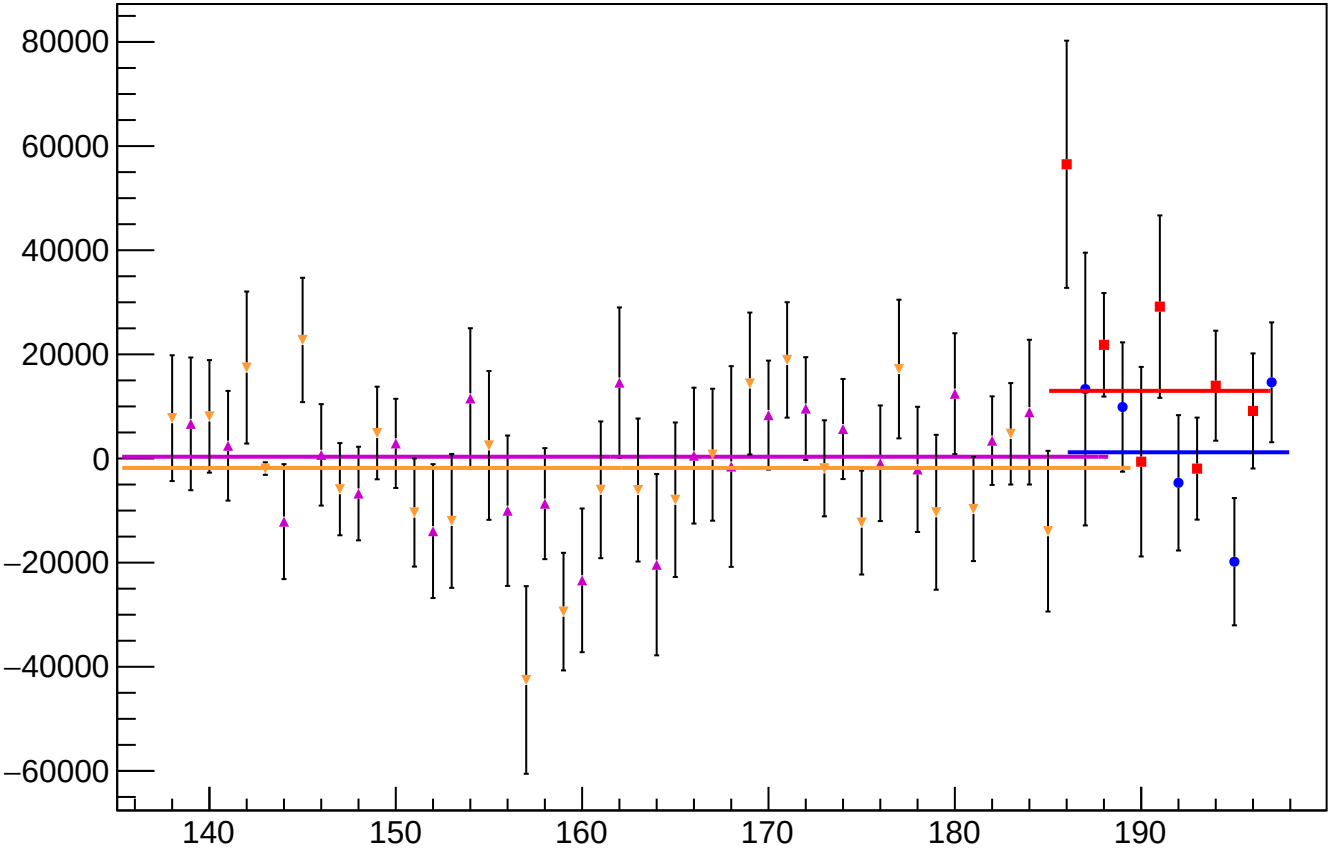
Left In: 2844.779+/-0.484 χ^2/NDF:383776.8/22

+ sign 2609.897+/-0.361 χ^2/NDF: 2770232.2/46

All: 2584.854+/-0.249 χ^2/NDF: 4476739.7/94

- sign 2562.119+/-0.344 χ^2/NDF: 1697310.5/47

asym_atl2_correction_mean vs Slug



Right In: 1193.482+/-5965.320 χ^2/NDF: 5.2/4

Left Out: -1810.593+/-1078.173 χ^2/NDF:31.2/24

Right Out: 12992.236+/-4675.964 χ^2/NDF: 8.0/6

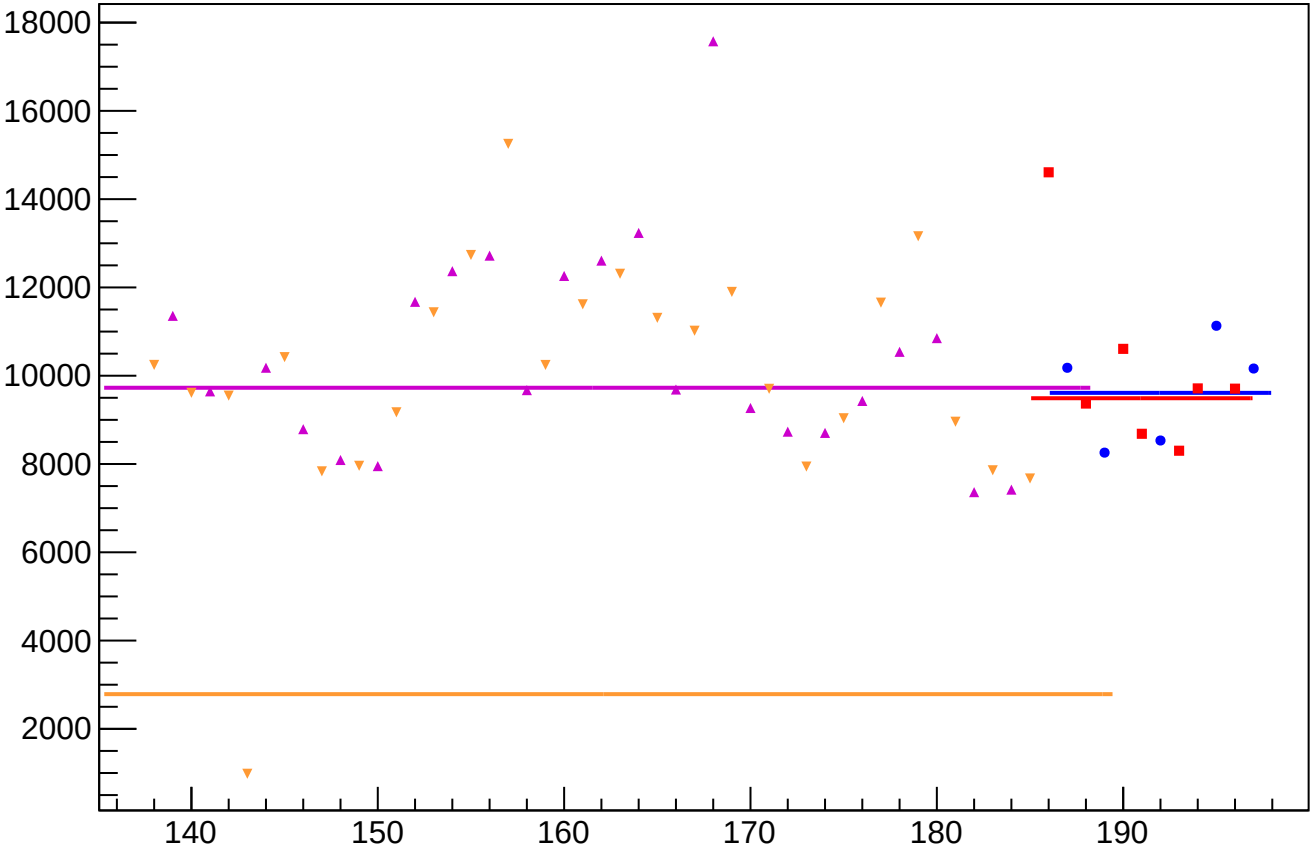
Left In: 339.260+/-2365.986 χ^2/NDF:14.2/22

+ sign -1715.564+/-1060.983 χ^2/NDF: 36.7/29

All: -781.148+/-947.996 χ^2/NDF: 68.6/59

- sign 2918.409+/-2111.121 χ^2/NDF: 28.1/29

asym_atl2_correction_rms vs Slug



Right In: 9611.864+/-4.218 χ^2/NDF: 74018.9/4

Left Out: 2786.461+/-0.762 χ^2/NDF:22863045.3/24

Right Out: 9490.027+/-3.306 χ^2/NDF: 136170.0/6

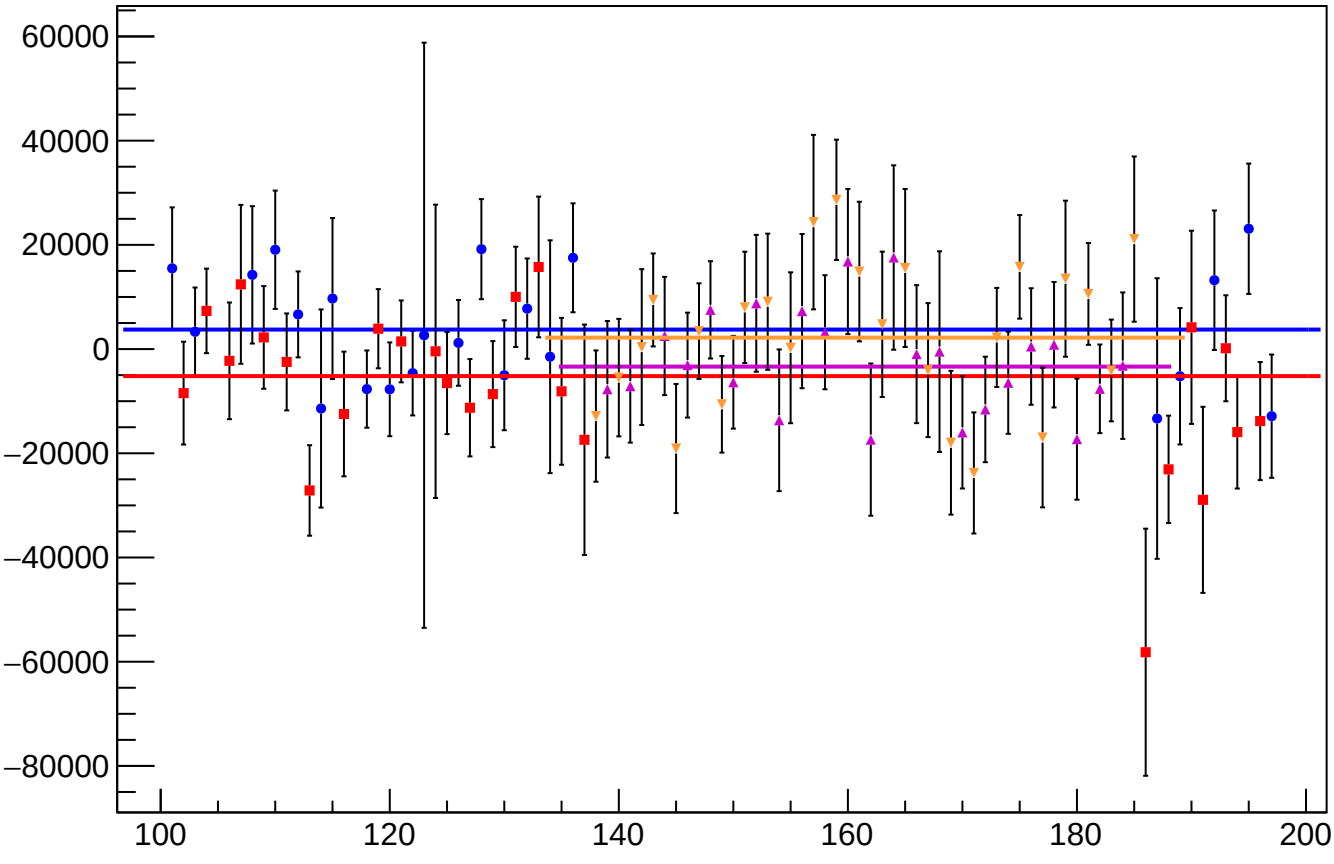
Left In: 9727.255+/-1.673 χ^2/NDF:1261406.7/22

+ sign 3002.373+/-0.750 χ^2/NDF: 25472535.5/29

All: 4348.659+/-0.670 χ^2/NDF: 42844075.0/5

- sign 9678.899+/-1.493 χ^2/NDF: 1401675.1/29

asym_atl2_mean vs Slug



Right In: 3746.488+/-2323.539 χ^2/NDF: 20.5/21

Left Out: 2192.629+/-2346.604 χ^2/NDF:31.2/24

Right Out: -5190.832+/-2167.952 χ^2/NDF: 31.2/24

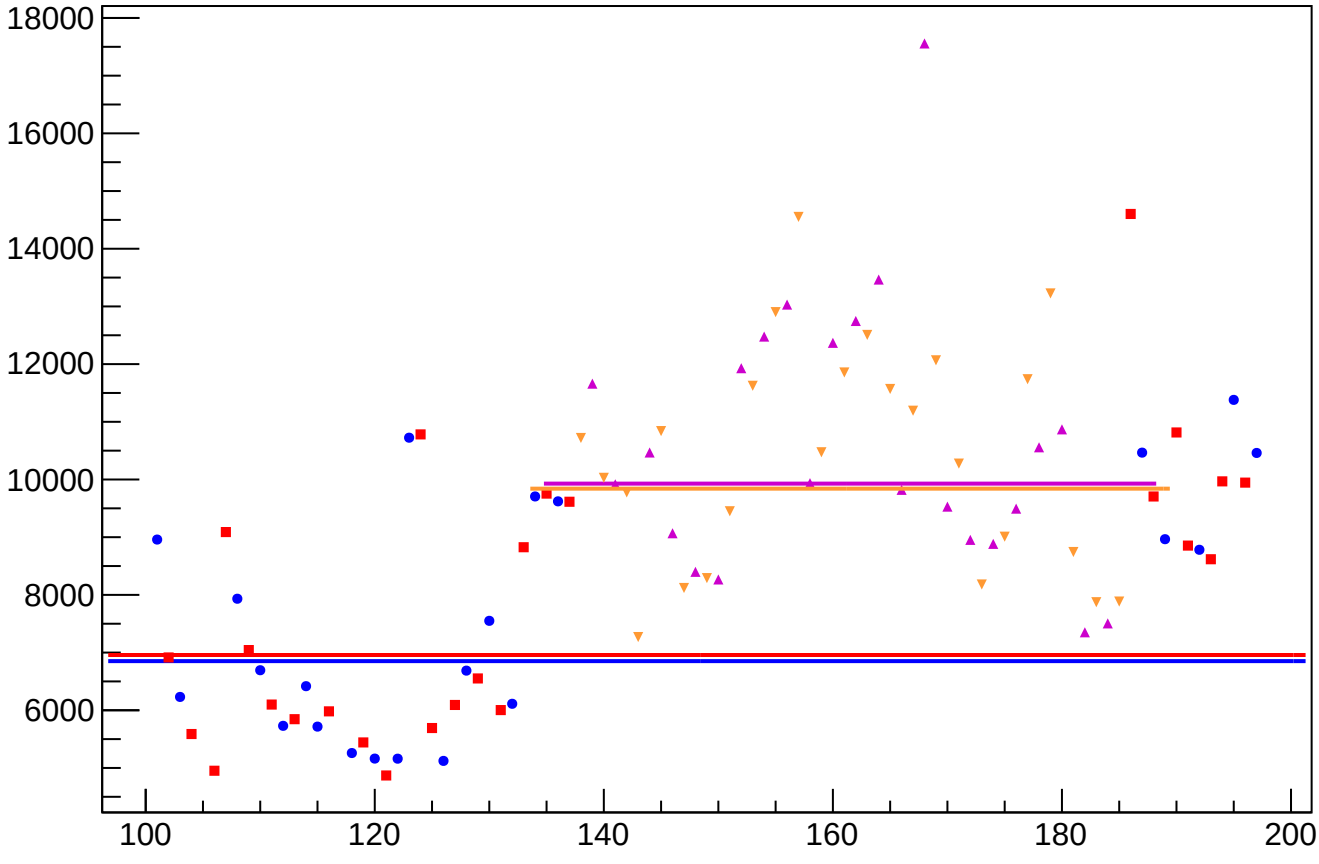
Left In: -3362.489+/-2413.842 χ^2/NDF:12.8/22

+ sign 2977.233+/-1651.084 χ^2/NDF: 51.9/46

All: -784.577+/-1153.764 χ^2/NDF: 106.3/94

- sign -4374.500+/-1612.922 χ^2/NDF: 44.3/47

asym_atl2_rms vs Slug



Right In: 6851.718+/-1.643 χ^2/NDF: 1257935.5/21

Left Out: 9841.227+/-1.659 χ^2/NDF:1184767.7/24

Right Out: 6957.947+/-1.533 χ^2/NDF: 1506745.7/24

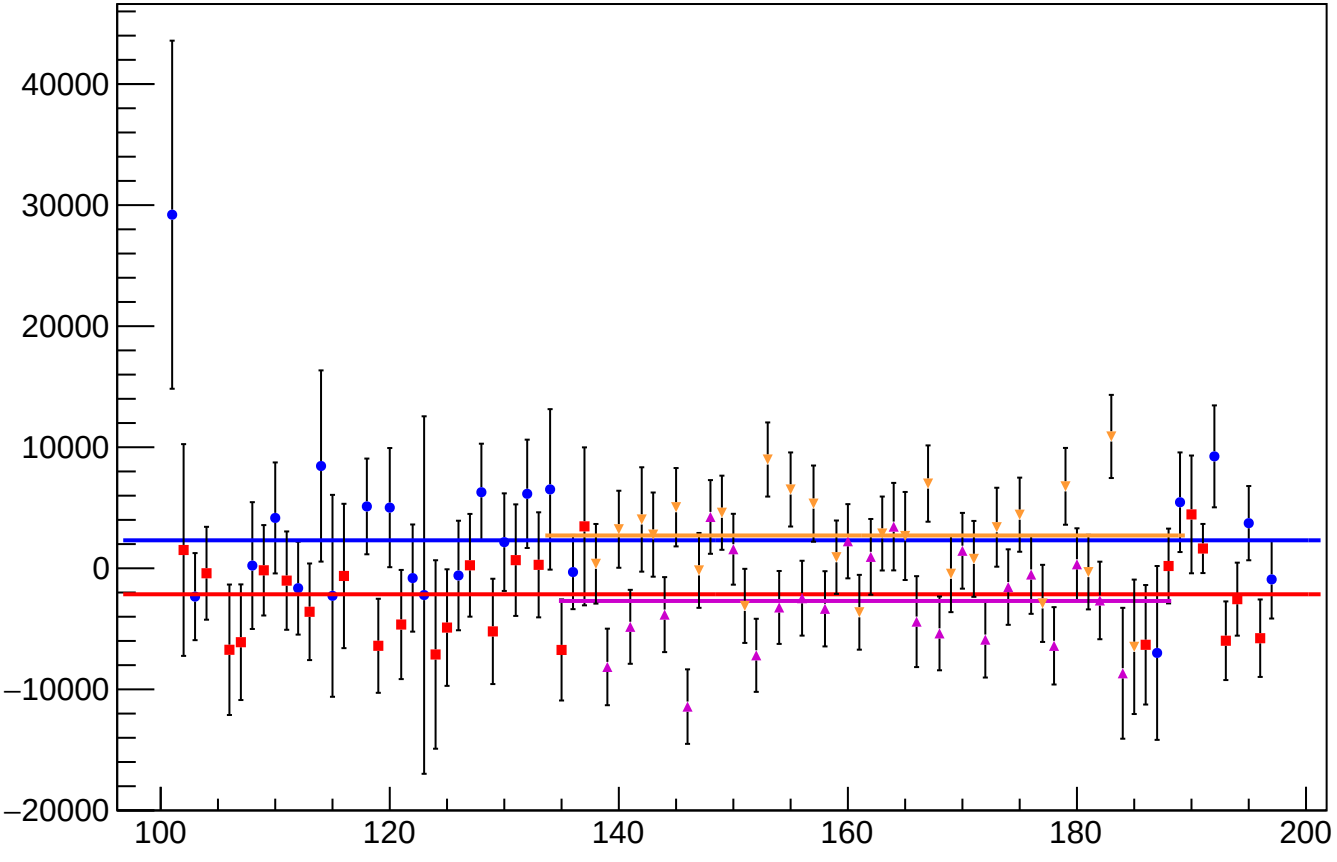
Left In: 9928.662+/-1.707 χ^2/NDF:1220804.9/22

+ sign 8331.701+/-1.167 χ^2/NDF: 4081746.8/46

All: 8307.436+/-0.816 χ^2/NDF: 8486921.7/94

- sign 8284.280+/-1.140 χ^2/NDF: 4404330.7/47

dit_asym_atr1_mean vs Slug



Right In: 2312.184+/-947.363 χ^2/NDF: 18.3/21

Left Out: 2712.564+/-648.832 χ^2/NDF:34.7/24

Right Out: -2145.557+/-795.388 χ^2/NDF: 17.3/24

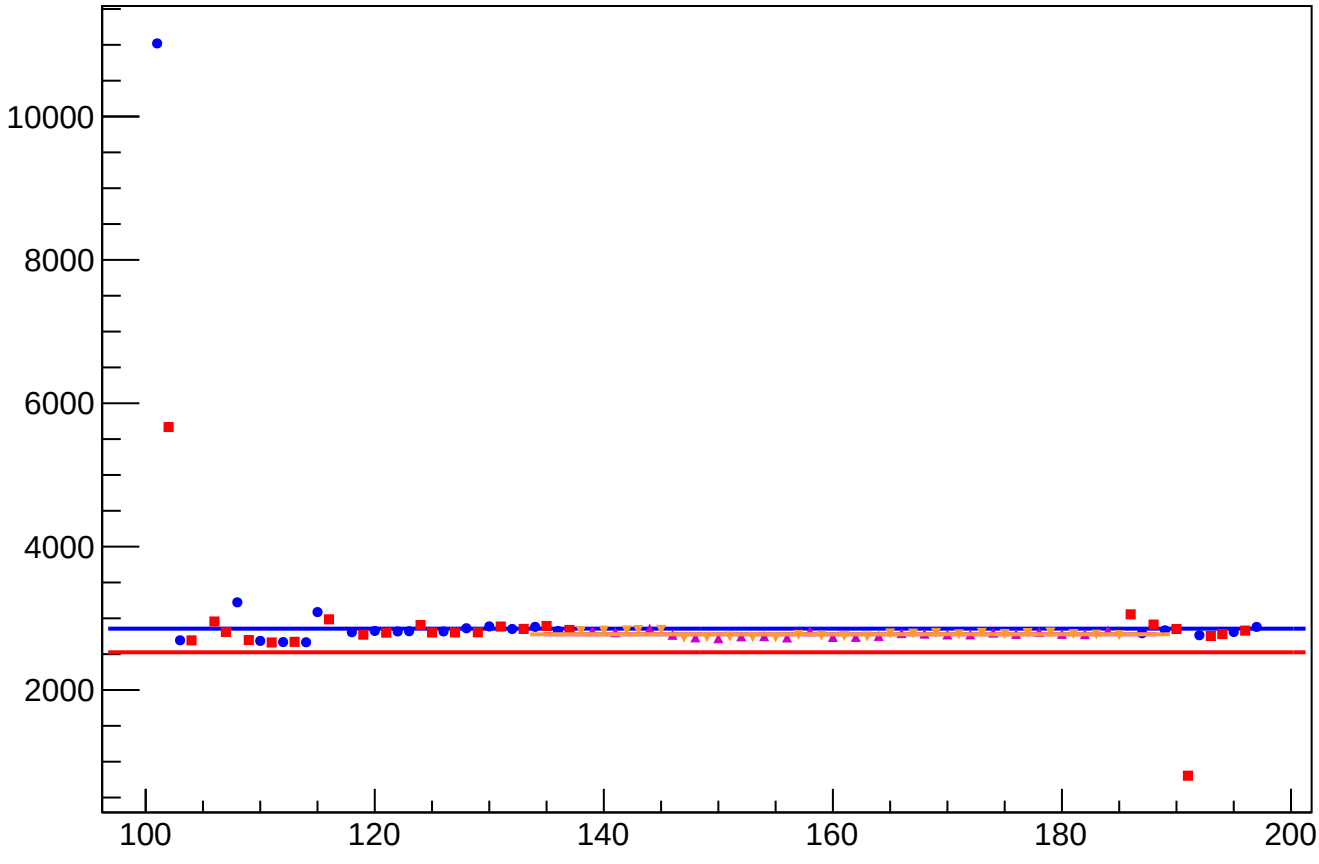
Left In: -2697.794+/-662.544 χ^2/NDF:36.1/22

+ sign 2584.725+/-535.318 χ^2/NDF: 53.2/46

All: -70.433+/-368.897 χ^2/NDF: 153.7/94

- sign -2471.580+/-509.068 χ^2/NDF: 53.7/47

dit_asym_atr1_rms vs Slug



Right In: 2855.848+/-0.670 χ^2/NDF: 671919.0/21

Left Out: 2777.450+/-0.459 χ^2/NDF:5253.1/24

Right Out: 2526.013+/-0.562 χ^2/NDF: 1934537.5/24

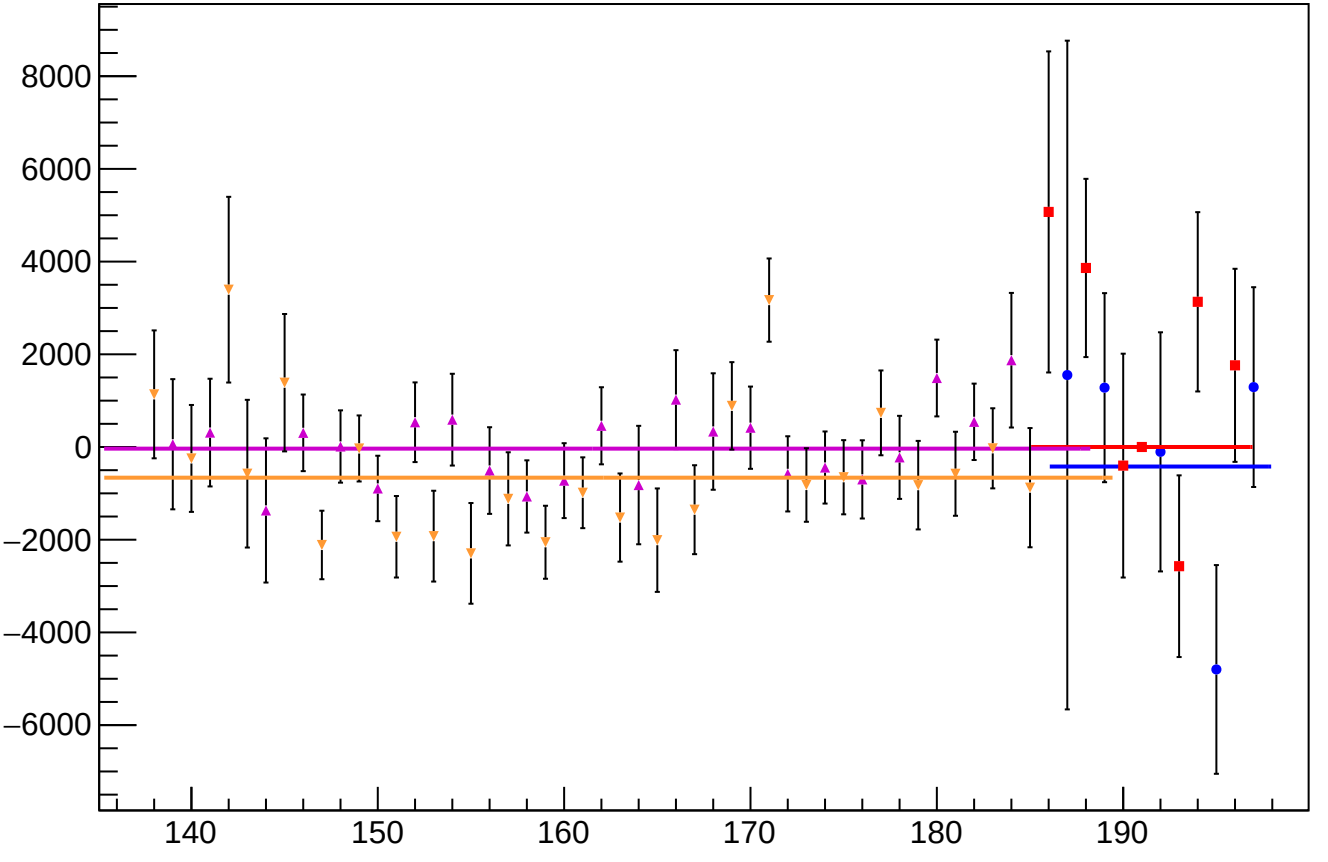
Left In: 2777.355+/-0.468 χ^2/NDF:5488.7/22

+ sign 2802.482+/-0.379 χ^2/NDF: 686495.2/46

All: 2735.222+/-0.261 χ^2/NDF: 2804549.8/94

- sign 2674.397+/-0.360 χ^2/NDF: 2057929.1/47

asym_atr1_correction_mean vs Slug



Right In: -421.398+/-1102.632 χ^2/NDF: 5.2/4

Left Out: -661.759+/-190.222 χ^2/NDF:48.7/24

Right Out: 0.277+/-4.105 χ^2/NDF: 11.3/6

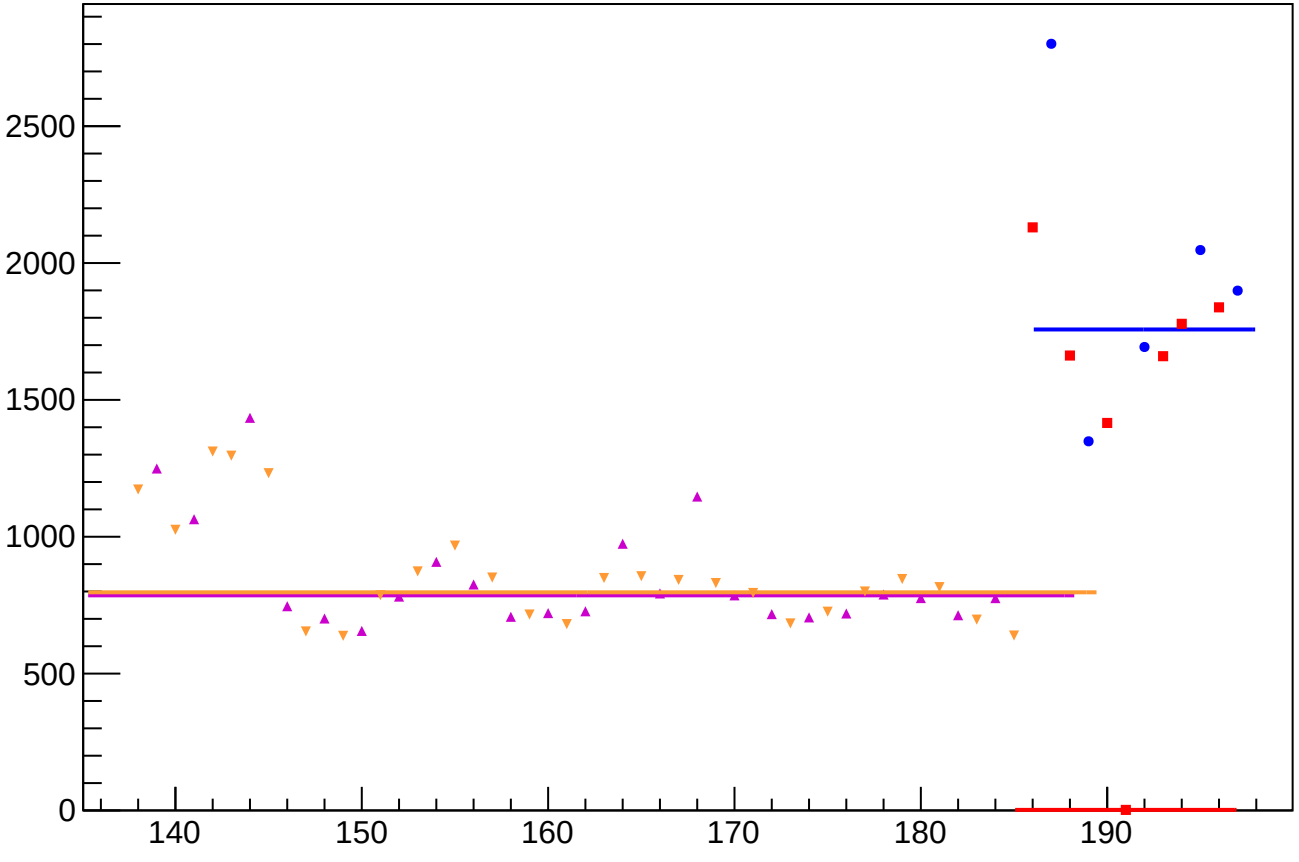
Left In: -35.366+/-190.553 χ^2/NDF:15.1/22

+ sign -654.812+/-187.453 χ^2/NDF: 53.9/29

All: -0.053+/-4.103 χ^2/NDF: 92.5/59

- sign 0.261+/-4.104 χ^2/NDF: 26.4/29

asym_atr1_correction_rms vs Slug



Right In: 1757.265+/-0.780 χ^2/NDF: 165263.0/4

Left Out: 796.994+/-0.135 χ^2/NDF:1174879.0/24

Right Out: 2.074+/-0.003 χ^2/NDF: 7602887.0/6

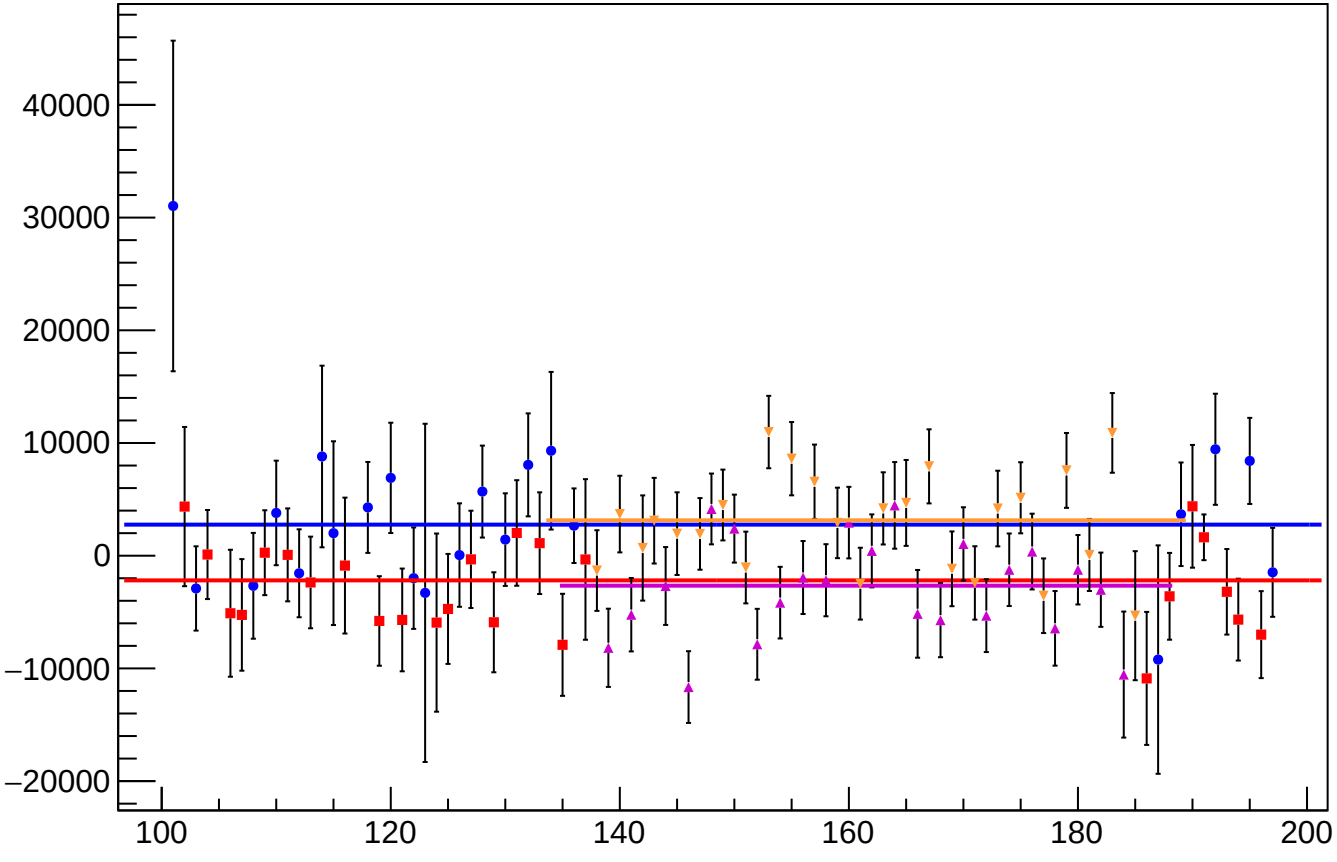
Left In: 785.928+/-0.135 χ^2/NDF:1126027.7/22

+ sign 824.747+/-0.133 χ^2/NDF: 2813200.4/29

All: 2.832+/-0.003 χ^2/NDF: 83837961.8/59

- sign 2.438+/-0.003 χ^2/NDF: 42556095.8/29

asym_atr1_mean vs Slug



Right In: 2756.769+/-1010.895 χ^2/NDF: 21.1/21

Left Out: 3139.358+/-680.222 χ^2/NDF:38.3/24

Right Out: -2189.991+/-846.286 χ^2/NDF: 18.3/24

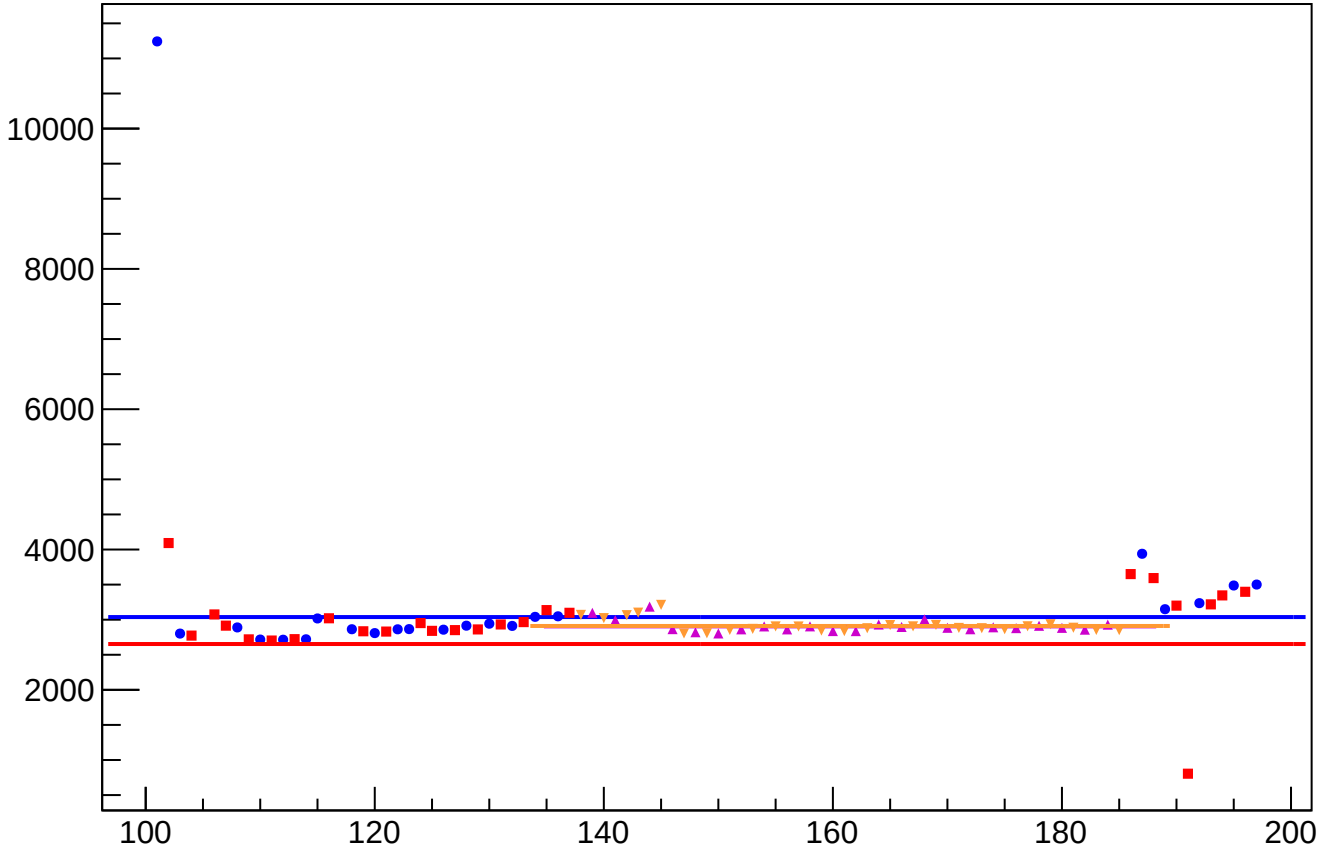
Left In: -2659.828+/-693.121 χ^2/NDF:36.9/22

+ sign 3020.118+/-564.352 χ^2/NDF: 59.5/46

All: 134.221+/-388.733 χ^2/NDF: 164.6/94

- sign -2471.198+/-536.227 χ^2/NDF: 55.4/47

asym_atr1_rms vs Slug



Right In: 3037.380+/-0.715 χ^2/NDF: 756694.0/21

Left Out: 2910.362+/-0.481 χ^2/NDF:36080.5/24

Right Out: 2653.110+/-0.598 χ^2/NDF: 2227410.1/24

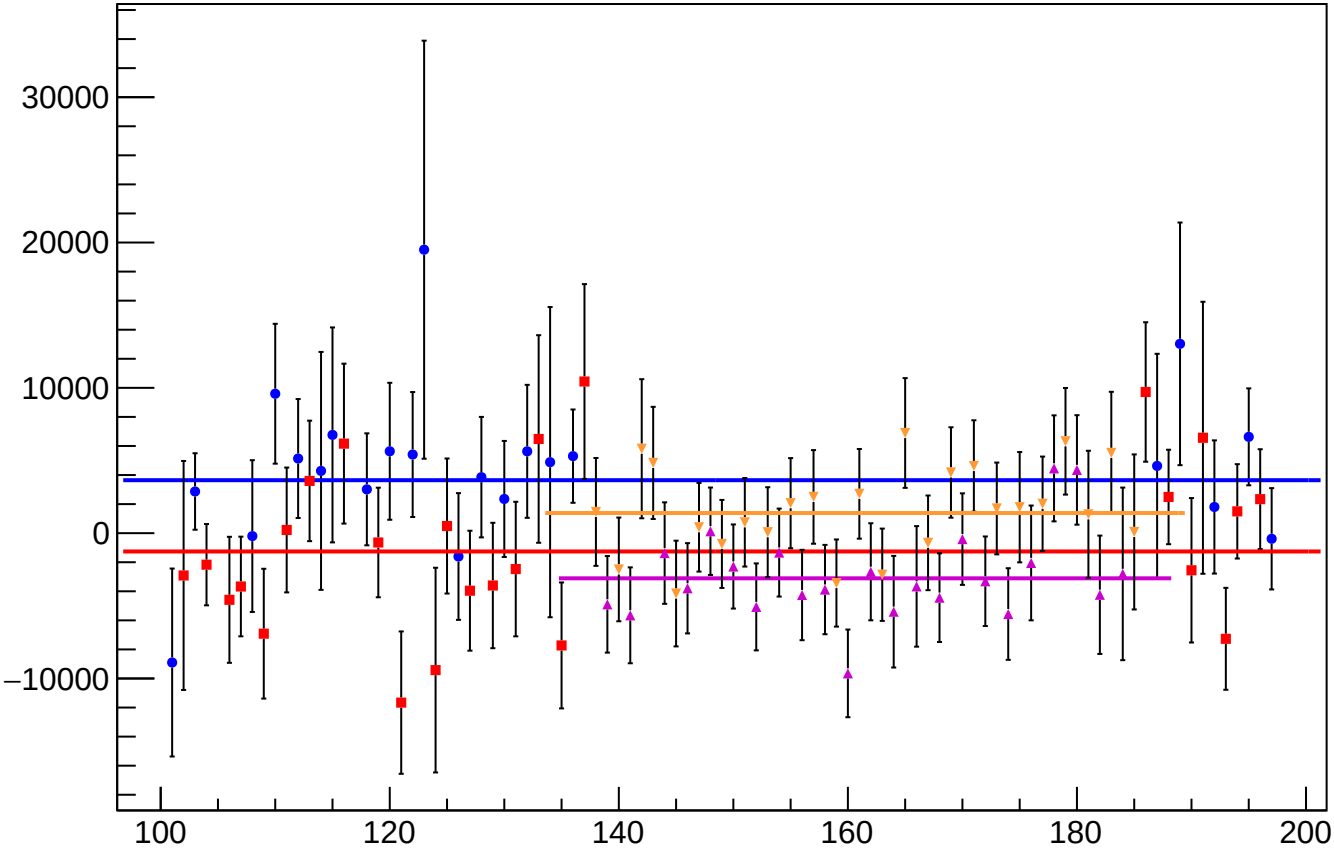
Left In: 2904.499+/-0.490 χ^2/NDF:30423.1/22

+ sign 2949.949+/-0.399 χ^2/NDF: 814509.0/46

All: 2873.022+/-0.275 χ^2/NDF: 3248677.2/94

- sign 2803.571+/-0.379 χ^2/NDF: 2363458.0/47

dit_asym_atr2_mean vs Slug



Right In: 3644.862+/-957.682 χ^2/NDF: 13.4/21

Left Out: 1386.275+/-684.647 χ^2/NDF:18.0/24

Right Out: -1259.079+/-857.078 χ^2/NDF: 31.5/24

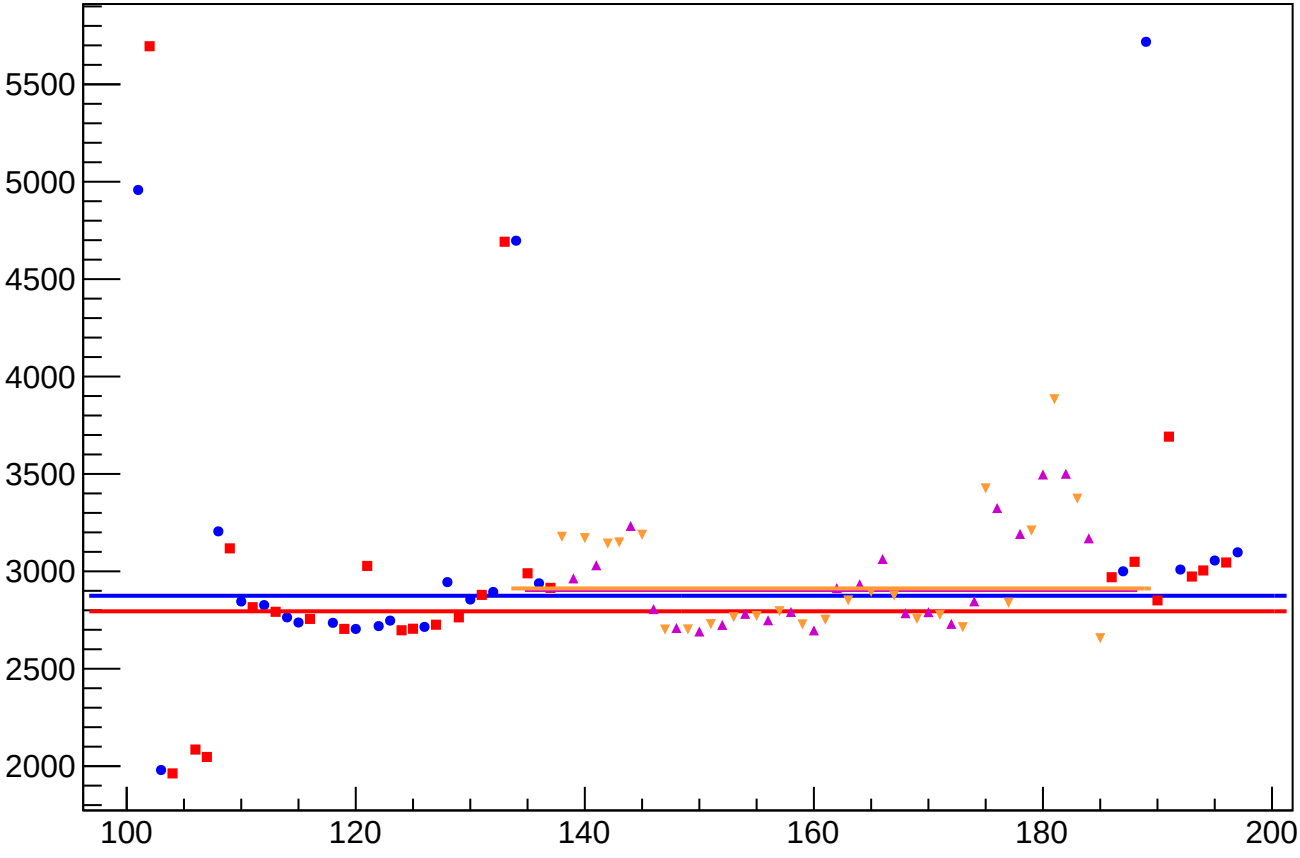
Left In: -3106.878+/-695.685 χ^2/NDF:18.4/22

+ sign 2150.180+/-556.958 χ^2/NDF: 35.1/46

All: -180.709+/-387.748 χ^2/NDF: 121.8/94

- sign -2372.985+/-540.144 χ^2/NDF: 52.7/47

dit_asym_atr2_rms vs Slug



Right In: 2874.615+/-0.677 χ^2/NDF: 766836.6/21

Left Out: 2912.211+/-0.484 χ^2/NDF:290908.5/24

Right Out: 2794.913+/-0.606 χ^2/NDF: 819589.1/24

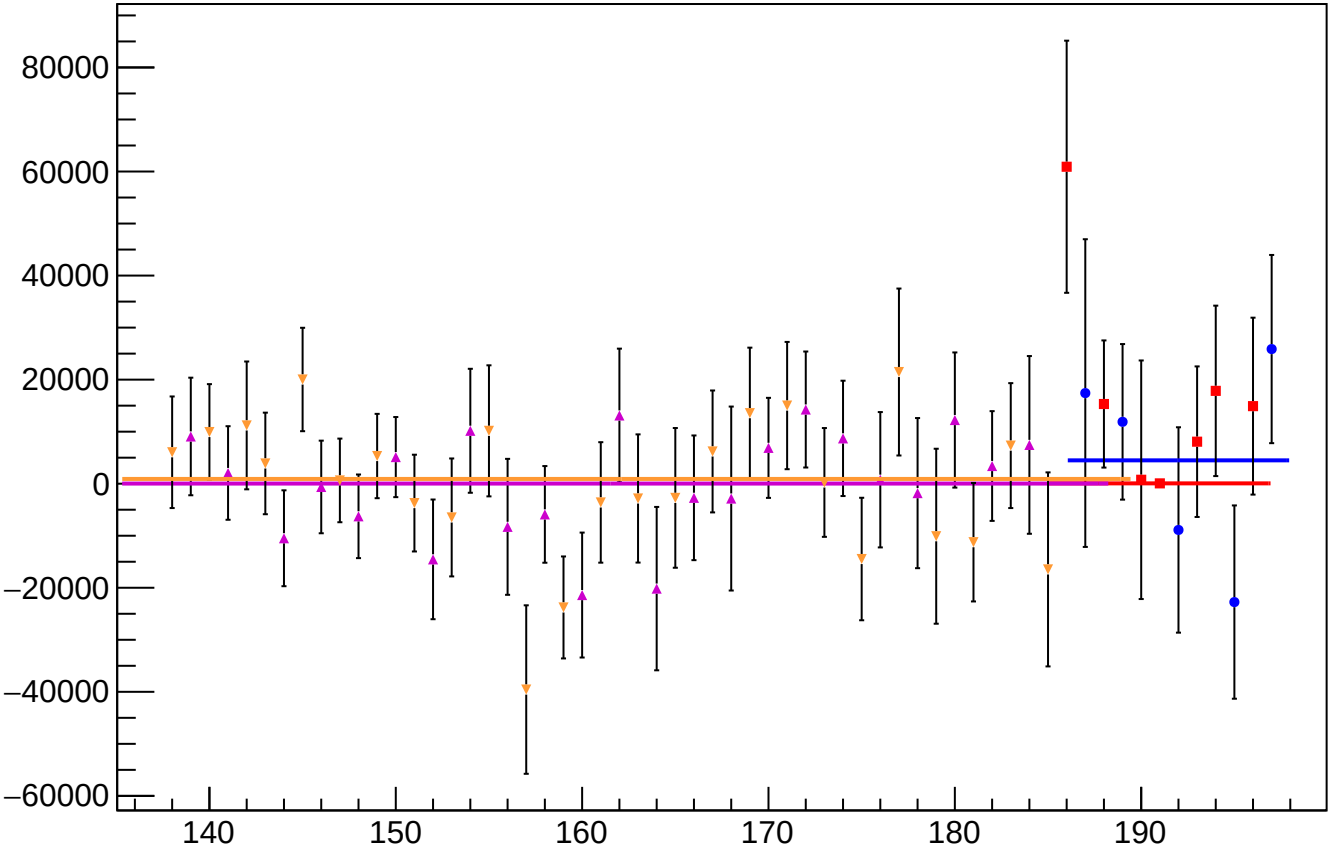
Left In: 2904.472+/-0.492 χ^2/NDF:217578.9/22

+ sign 2899.495+/-0.394 χ^2/NDF: 1059784.8/46

All: 2879.628+/-0.274 χ^2/NDF: 2121596.1/94

- sign 2860.947+/-0.382 χ^2/NDF: 1056873.7/47

asym_atr2_correction_mean vs Slug



Right In: 4486.970+/-8409.484 χ^2/NDF: 4.4/4

Left Out: 916.096+/-2238.762 χ^2/NDF:28.7/24

Right Out: 62.983+/-29.129 χ^2/NDF: 10.1/6

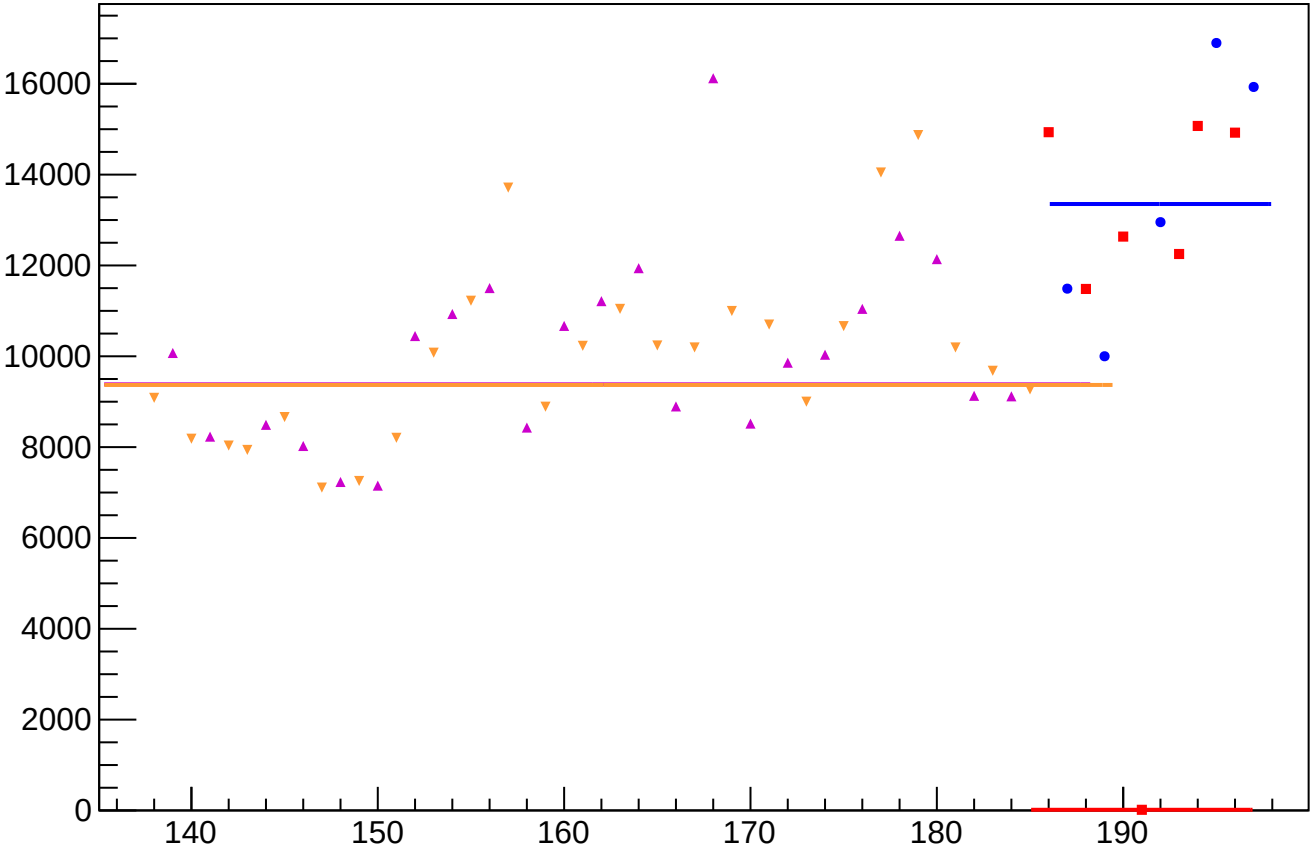
Left In: 25.729+/-2280.428 χ^2/NDF:16.1/22

+ sign 1152.423+/-2163.411 χ^2/NDF: 33.3/29

All: 63.174+/-29.124 χ^2/NDF: 59.8/59

- sign 62.977+/-29.127 χ^2/NDF: 26.2/29

asym_atr2_correction_rms vs Slug



Right In: 13352.798+/-5.946 χ^2/NDF: 222806.5/4

Left Out: 9369.034+/-1.583 χ^2/NDF:1183012.4/24

Right Out: 14.686+/-0.021 χ^2/NDF: 7784702.0/6

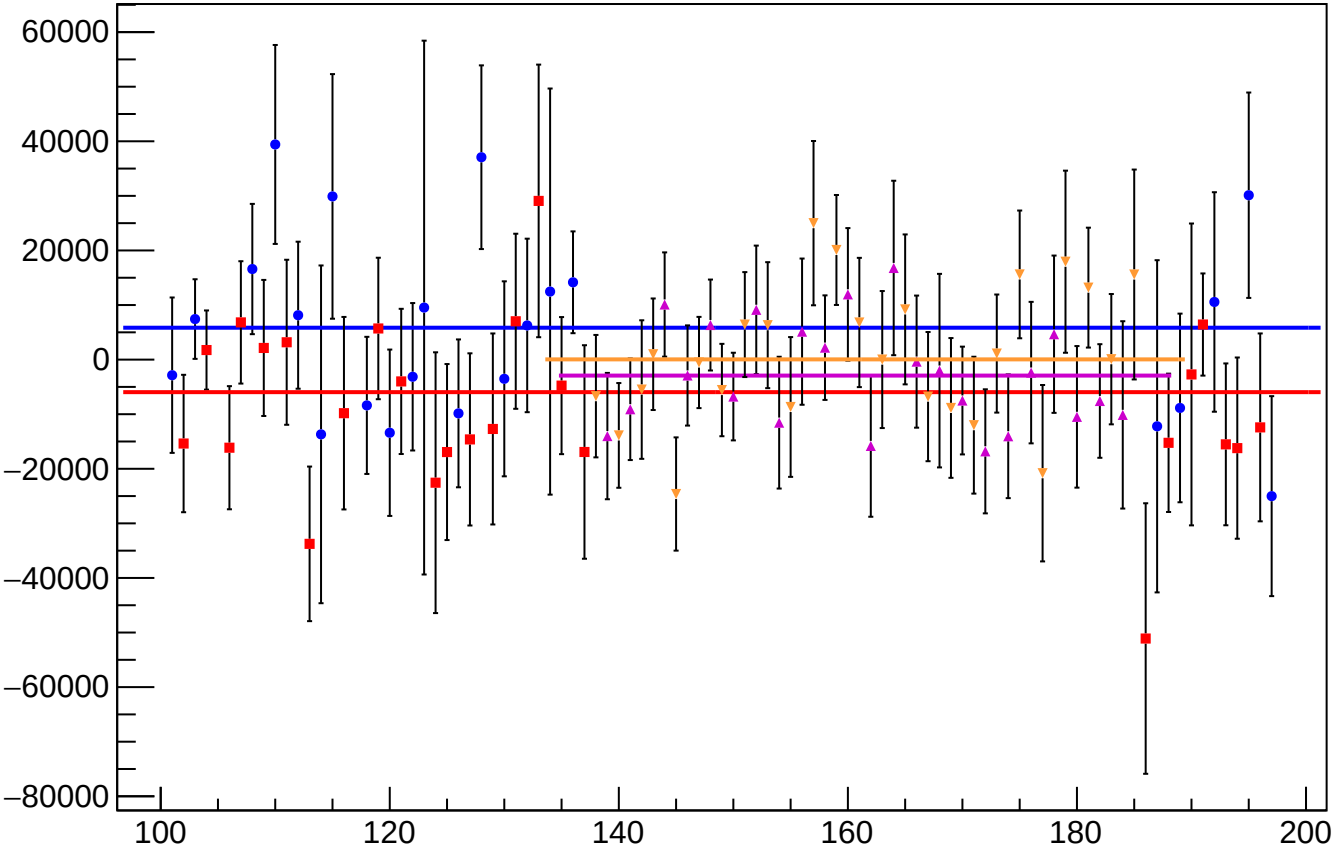
Left In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

+ sign 9632.687+/-1.530 χ^2/NDF: 1824941.1/29

All: 17.957+/-0.021 χ^2/NDF: 84071219.2/59

- sign 16.215+/-0.021 χ^2/NDF: 42736491.5/29

asym_atr2_mean vs Slug



Right In: 5844.526+/-3164.324 χ^2/NDF: 21.1/21

Left Out: 43.265+/-2290.867 χ^2/NDF:25.9/24

Right Out: -5960.335+/-2760.476 χ^2/NDF: 20.2/24

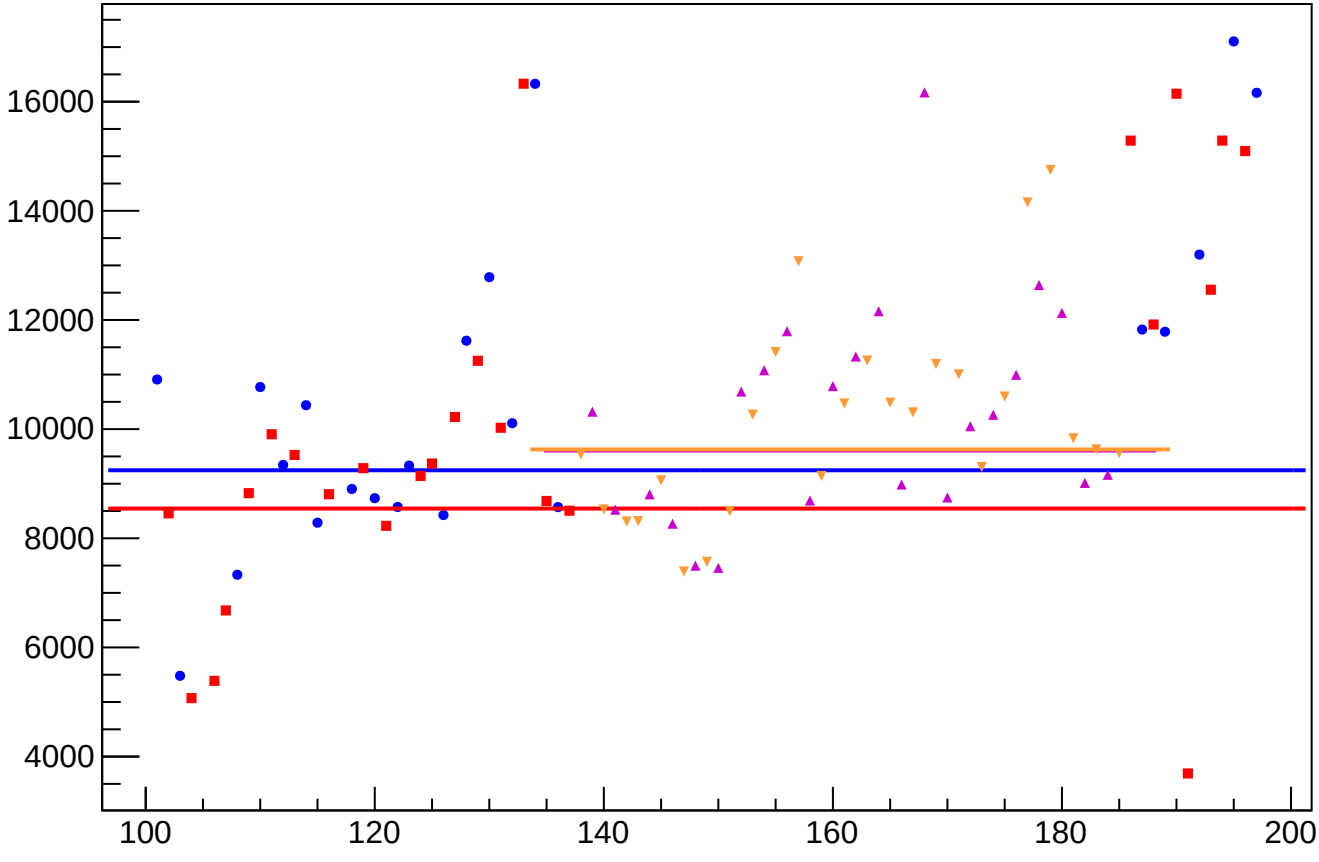
Left In: -2925.533+/-2330.587 χ^2/NDF:14.6/22

+ sign 2038.245+/-1855.620 χ^2/NDF: 49.1/46

All: -1203.199+/-1284.849 χ^2/NDF: 90.5/94

- sign -4188.489+/-1780.791 χ^2/NDF: 35.5/47

asym_atr2_rms vs Slug



Right In: 9246.411+/-2.238 χ^2/NDF: 1624946.9/21

Left Out: 9627.824+/-1.620 χ^2/NDF:1004641.7/24

Right Out: 8544.772+/-1.952 χ^2/NDF: 2738991.3/24

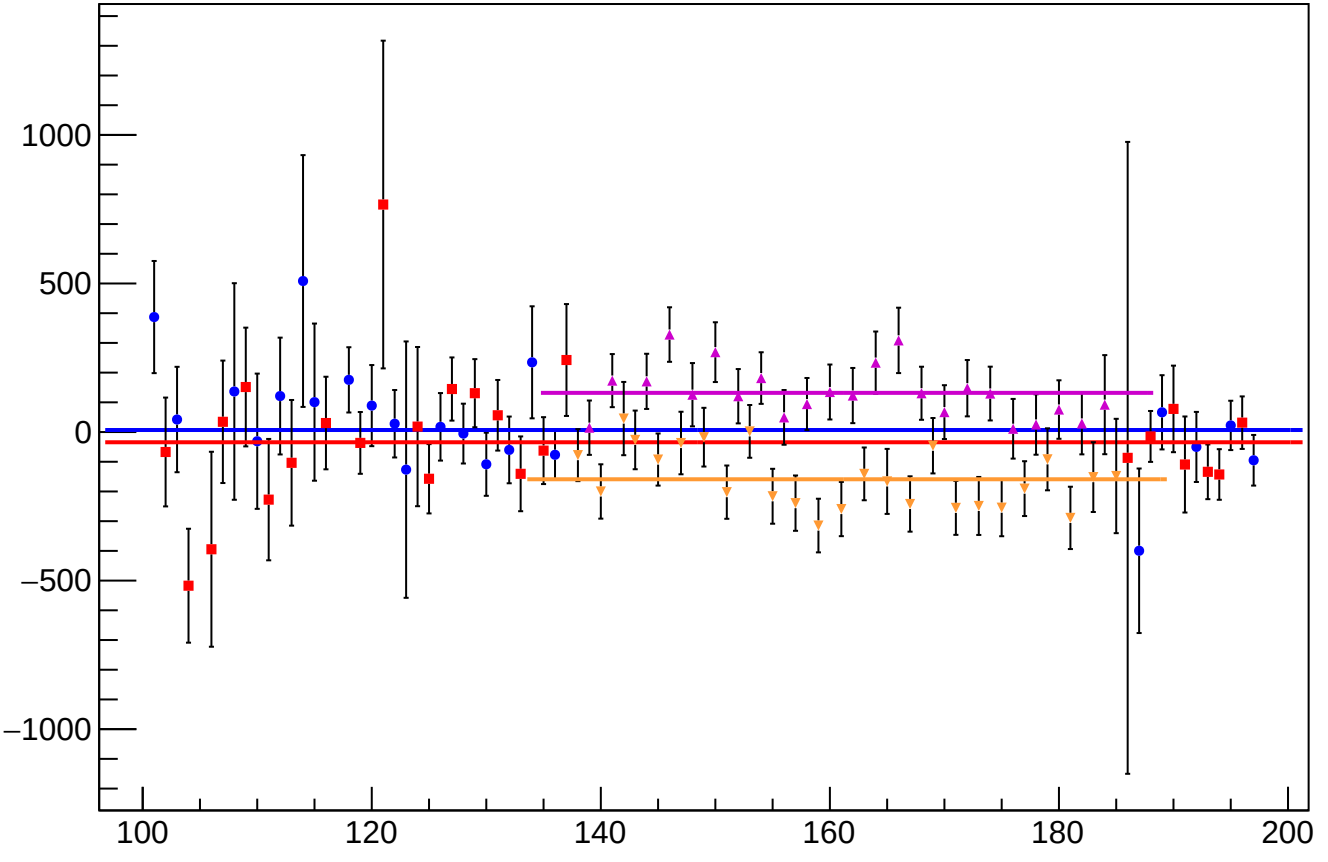
Left In: 9607.553+/-1.648 χ^2/NDF:1085465.7/22

+ sign 9496.661+/-1.312 χ^2/NDF: 2648653.6/46

All: 9324.136+/-0.909 χ^2/NDF: 6679407.6/94

- sign 9165.250+/-1.259 χ^2/NDF: 3997543.8/47

dit_asym_sam1_mean vs Slug



Right In: 6.841+/-27.785 χ^2/NDF: 17.0/21

Left Out: -158.948+/-19.453 χ^2/NDF:25.8/24

Right Out: -34.403+/-26.749 χ^2/NDF: 25.6/24

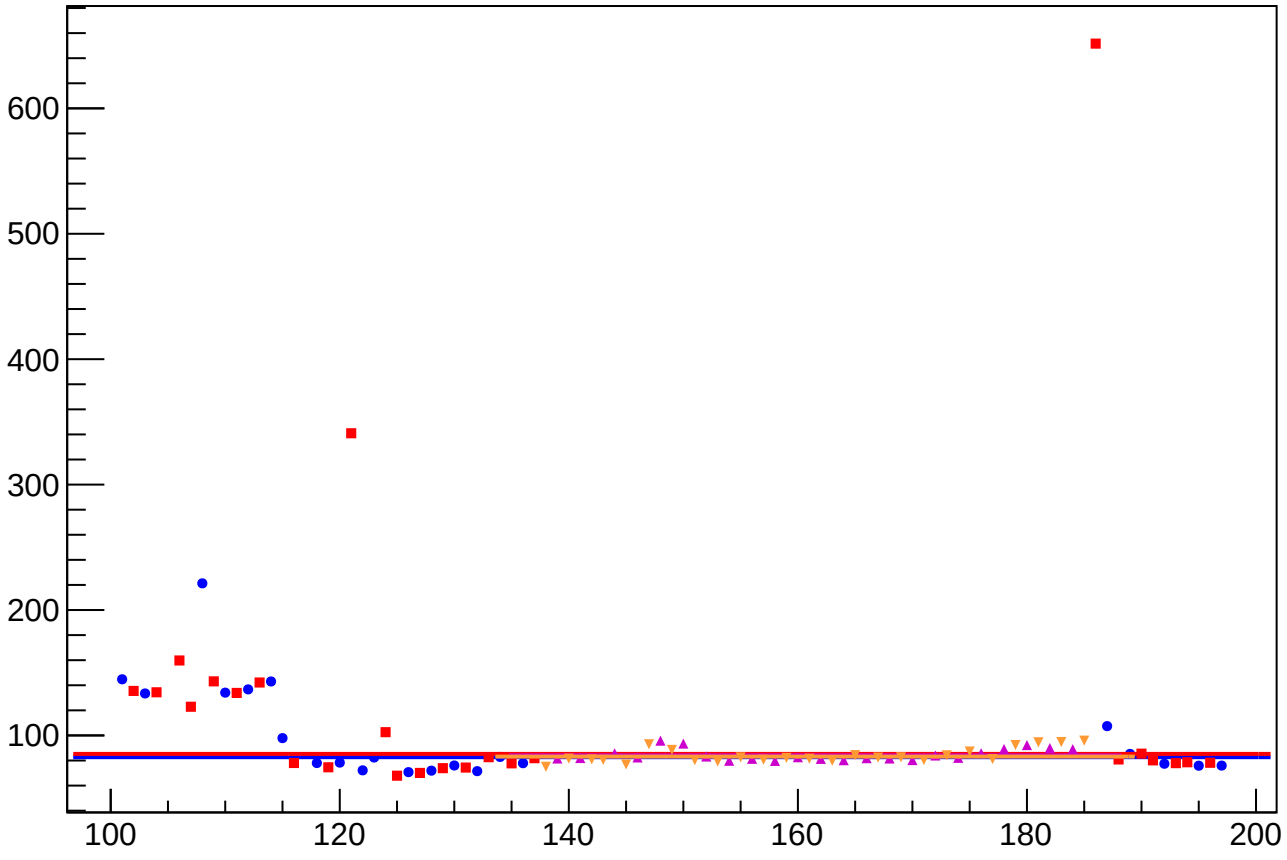
Left In: 131.879+/-20.076 χ^2/NDF:17.8/22

+ sign -104.412+/-15.936 χ^2/NDF: 66.7/46

All: -16.892+/-11.311 χ^2/NDF: 195.6/94

- sign 71.962+/-16.057 χ^2/NDF: 68.1/47

dit_asym_sam1_rms vs Slug



Right In: 82.658+/-0.020 χ^2/NDF: 1118472.4/21

Left Out: 83.126+/-0.014 χ^2/NDF:138741.0/24

Right Out: 85.268+/-0.019 χ^2/NDF: 2085422.9/24

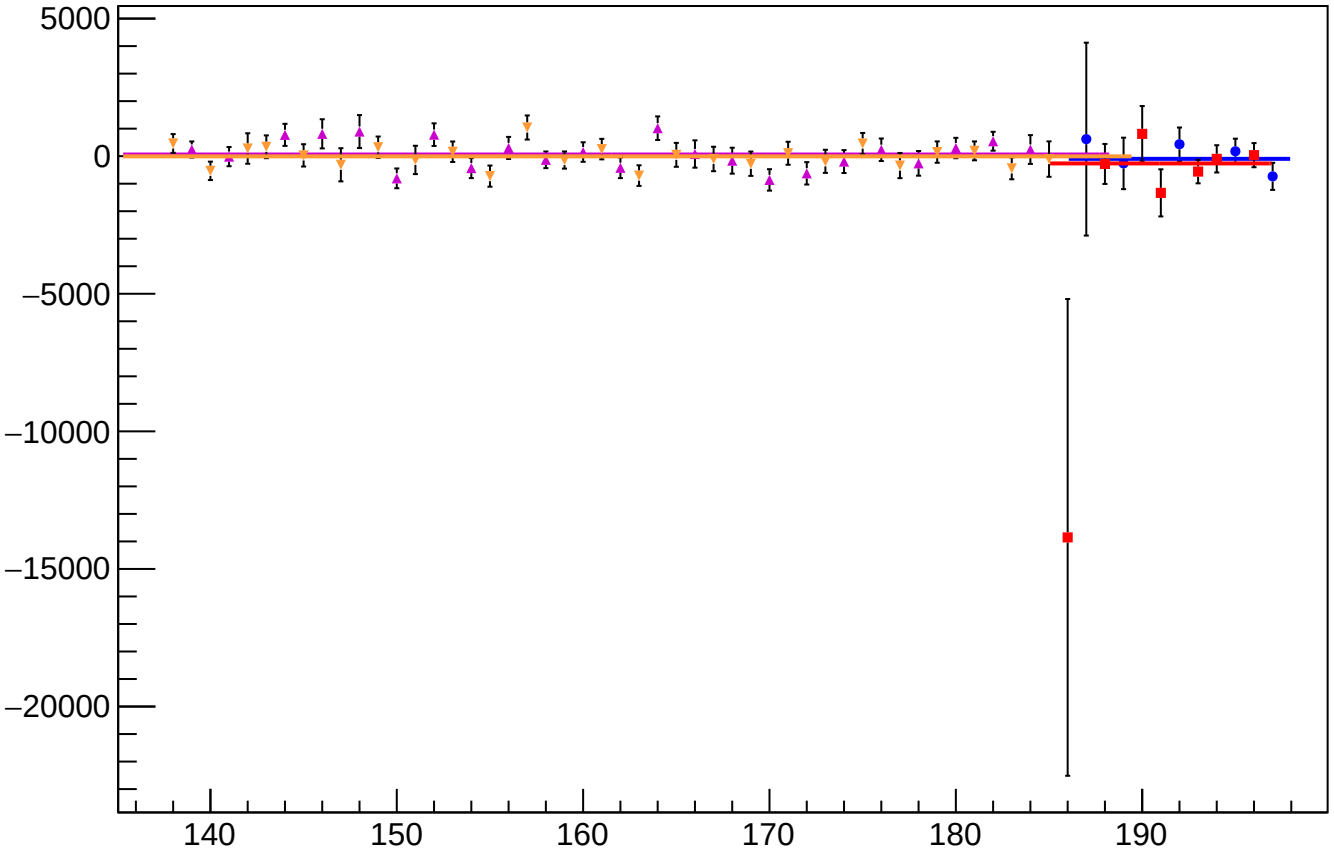
Left In: 84.108+/-0.014 χ^2/NDF:96934.3/22

+ sign 82.972+/-0.011 χ^2/NDF: 1257595.4/46

All: 83.743+/-0.008 χ^2/NDF: 3451799.2/94

- sign 84.526+/-0.011 χ^2/NDF: 2184762.7/47

asym_sam1_correction_mean vs Slug



Right In: -97.036+/-279.048 χ^2/NDF: 2.9/4

Left Out: -6.627+/-81.138 χ^2/NDF:24.4/24

Right Out: -263.503+/-229.566 χ^2/NDF: 6.2/6

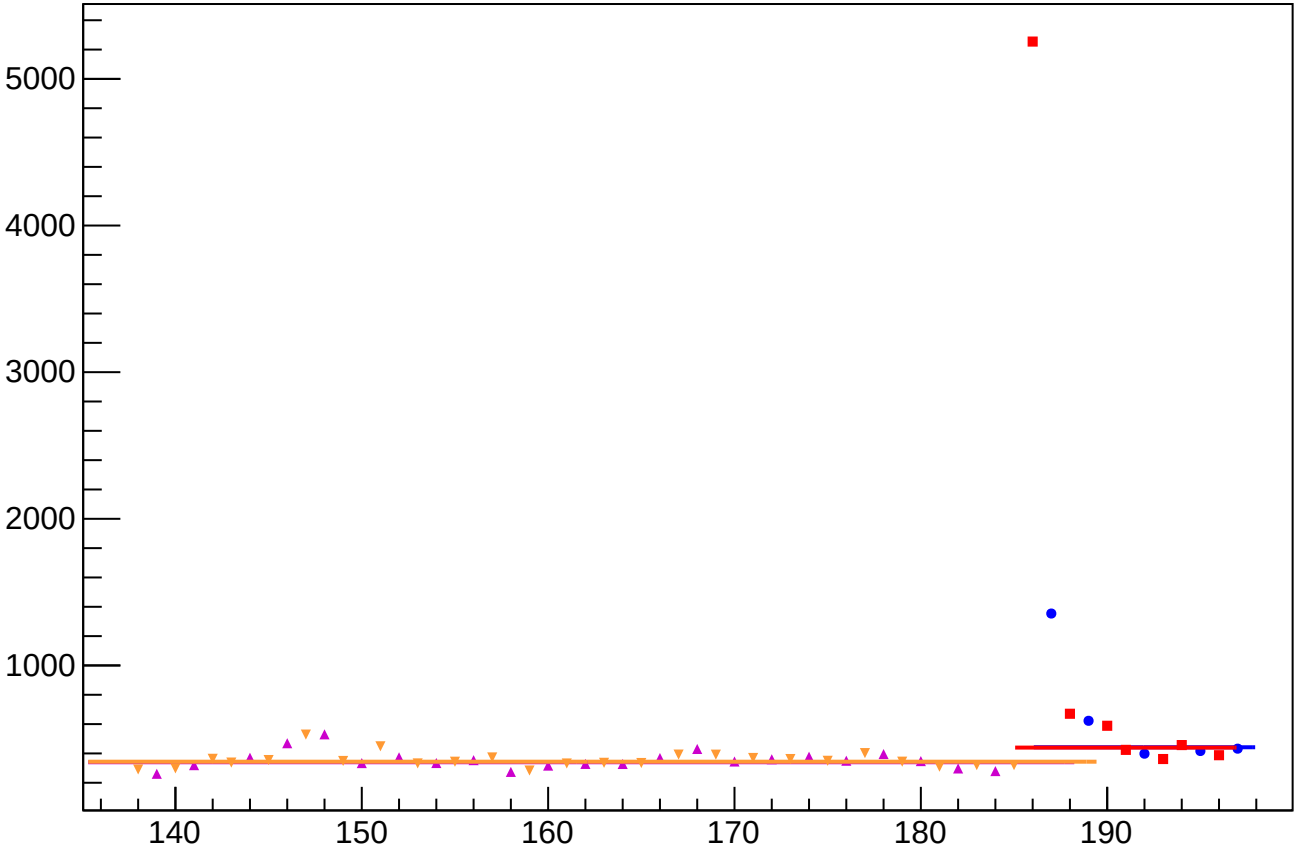
Left In: 59.971+/-82.046 χ^2/NDF:38.0/22

+ sign -13.675+/-77.911 χ^2/NDF: 27.4/29

All: 4.984+/-54.860 χ^2/NDF: 73.4/59

- sign 23.333+/-77.260 χ^2/NDF: 45.9/29

asym_sam1_correction_rms vs Slug



Right In: 442.085+/-0.197 χ^2/NDF: 227299.0/4

Left Out: 343.620+/-0.057 χ^2/NDF:571090.7/24

Right Out: 439.782+/-0.162 χ^2/NDF: 959816.3/6

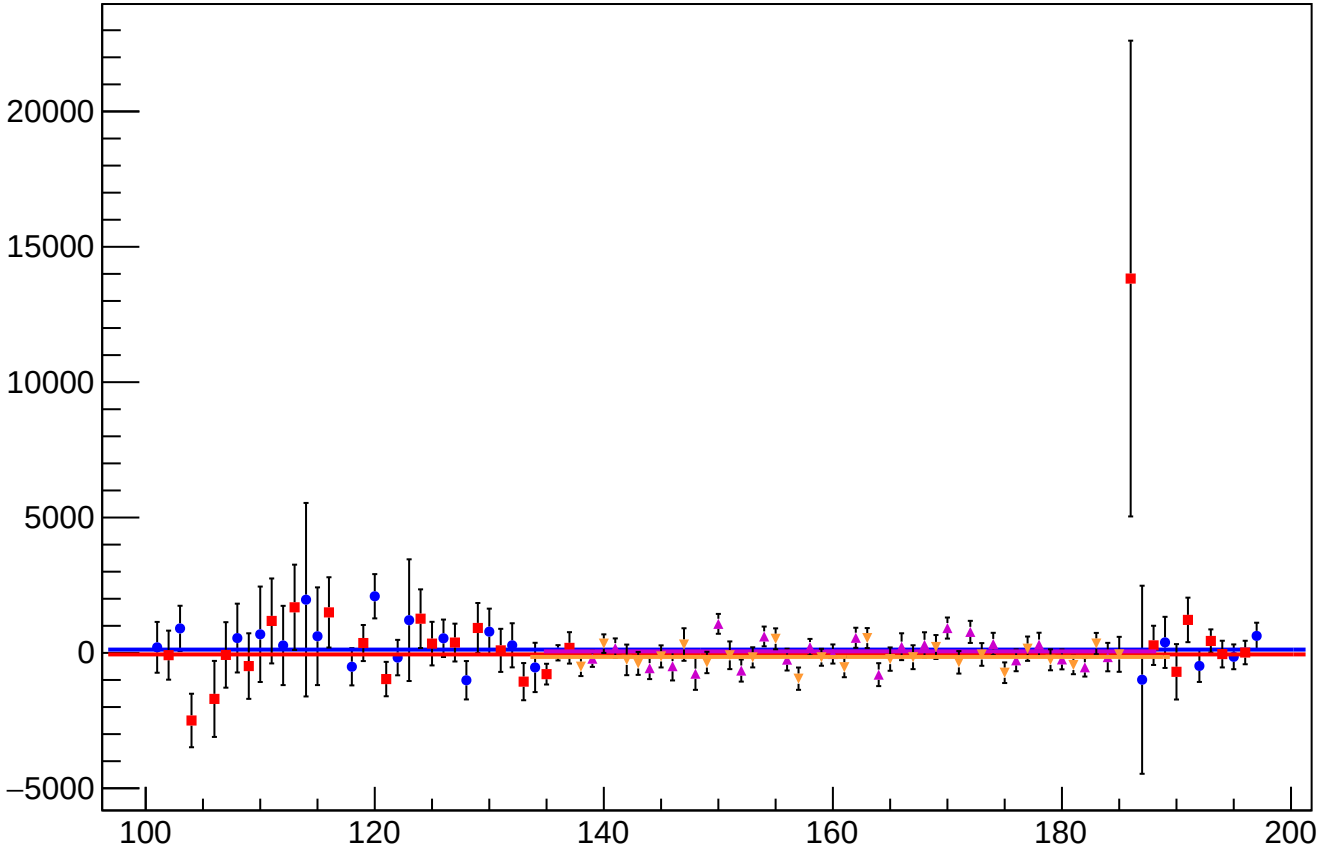
Left In: 339.804+/-0.058 χ^2/NDF:799750.5/22

+ sign 351.296+/-0.055 χ^2/NDF: 1027999.2/29

All: 351.211+/-0.039 χ^2/NDF: 3123942.3/59

- sign 351.128+/-0.055 χ^2/NDF: 2095938.4/29

asym_sam1_mean vs Slug



Right In: 122.114+/-150.491 χ^2/NDF: 15.4/21

Left Out: -148.809+/-81.017 χ^2/NDF:22.0/24

Right Out: -56.047+/-143.433 χ^2/NDF: 29.4/24

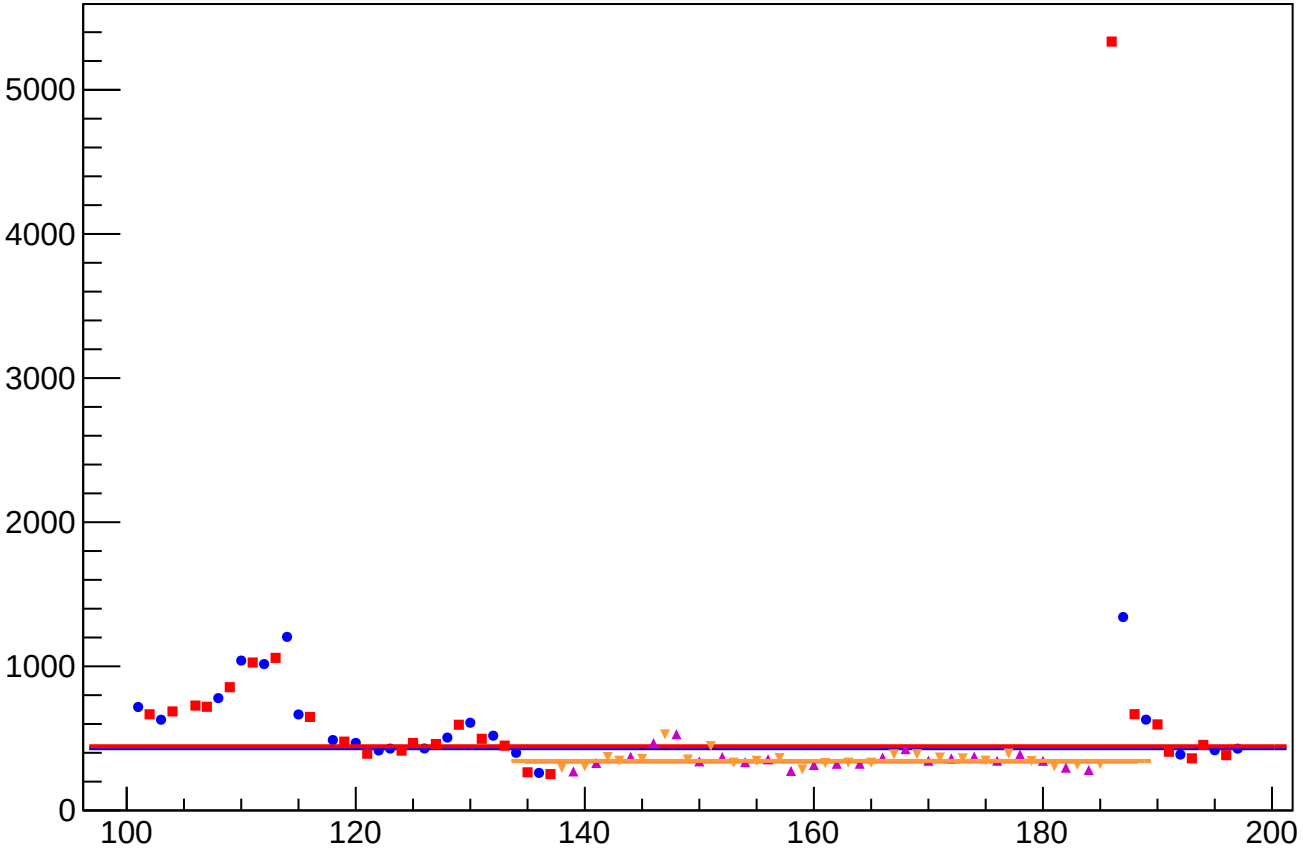
Left In: 56.402+/-82.155 χ^2/NDF:39.7/22

+ sign -87.933+/-71.336 χ^2/NDF: 40.0/46

All: -29.616+/-50.426 χ^2/NDF: 110.9/94

- sign 28.624+/-71.289 χ^2/NDF: 69.6/47

asym_sam1_rms vs Slug



Right In: 431.832+/-0.106 χ^2/NDF: 2251456.1/21

Left Out: 343.762+/-0.057 χ^2/NDF:539246.3/24

Right Out: 445.545+/-0.101 χ^2/NDF: 3004530.5/24

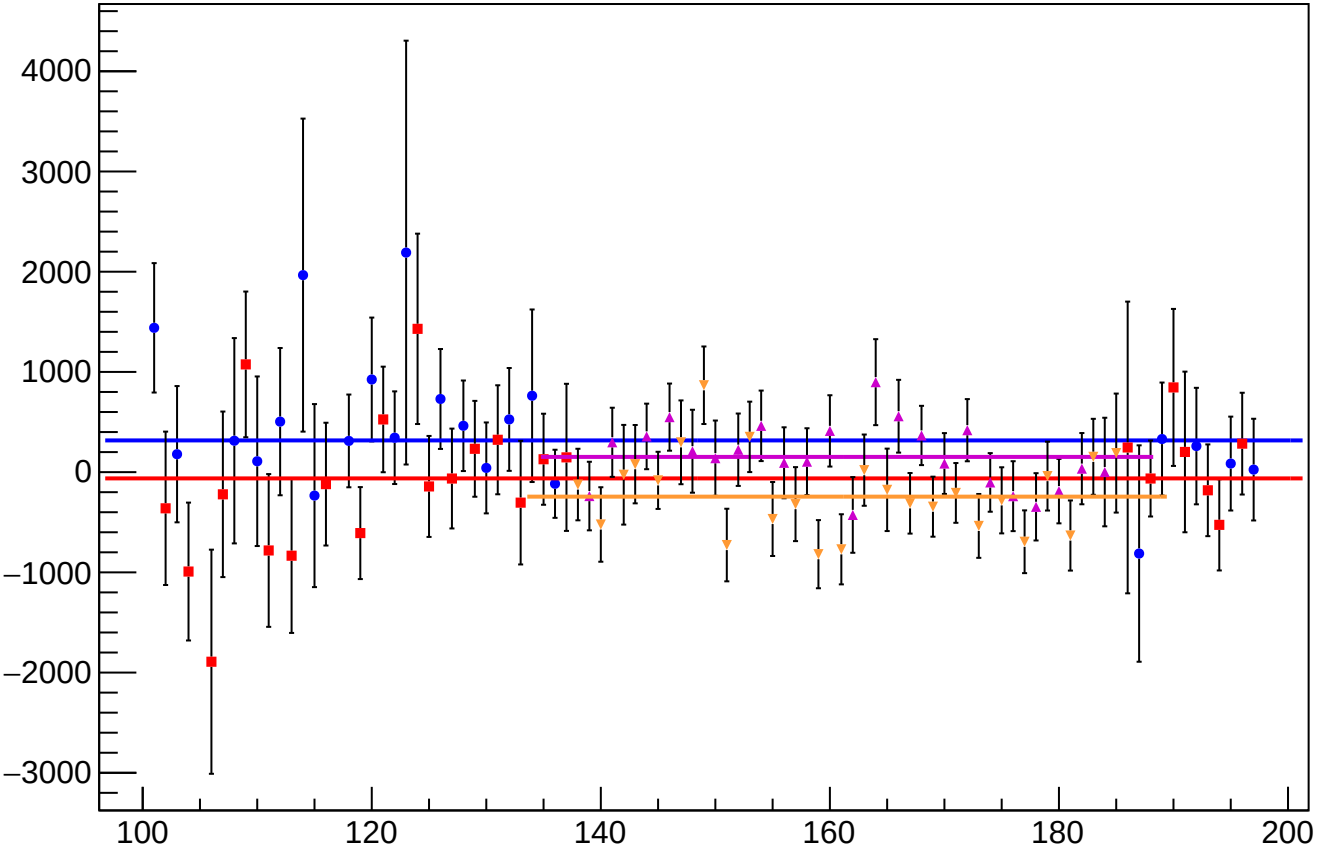
Left In: 340.519+/-0.058 χ^2/NDF:737049.6/22

+ sign 363.551+/-0.050 χ^2/NDF: 3321749.0/46

All: 365.008+/-0.036 χ^2/NDF: 7872408.6/94

- sign 366.464+/-0.050 χ^2/NDF: 4548991.7/47

dit_asym_sam2_mean vs Slug



Right In: 316.580+/-123.494 χ^2/NDF: 11.3/21

Left Out: -244.459+/-70.636 χ^2/NDF:28.9/24

Right Out: -62.442+/-117.312 χ^2/NDF: 18.6/24

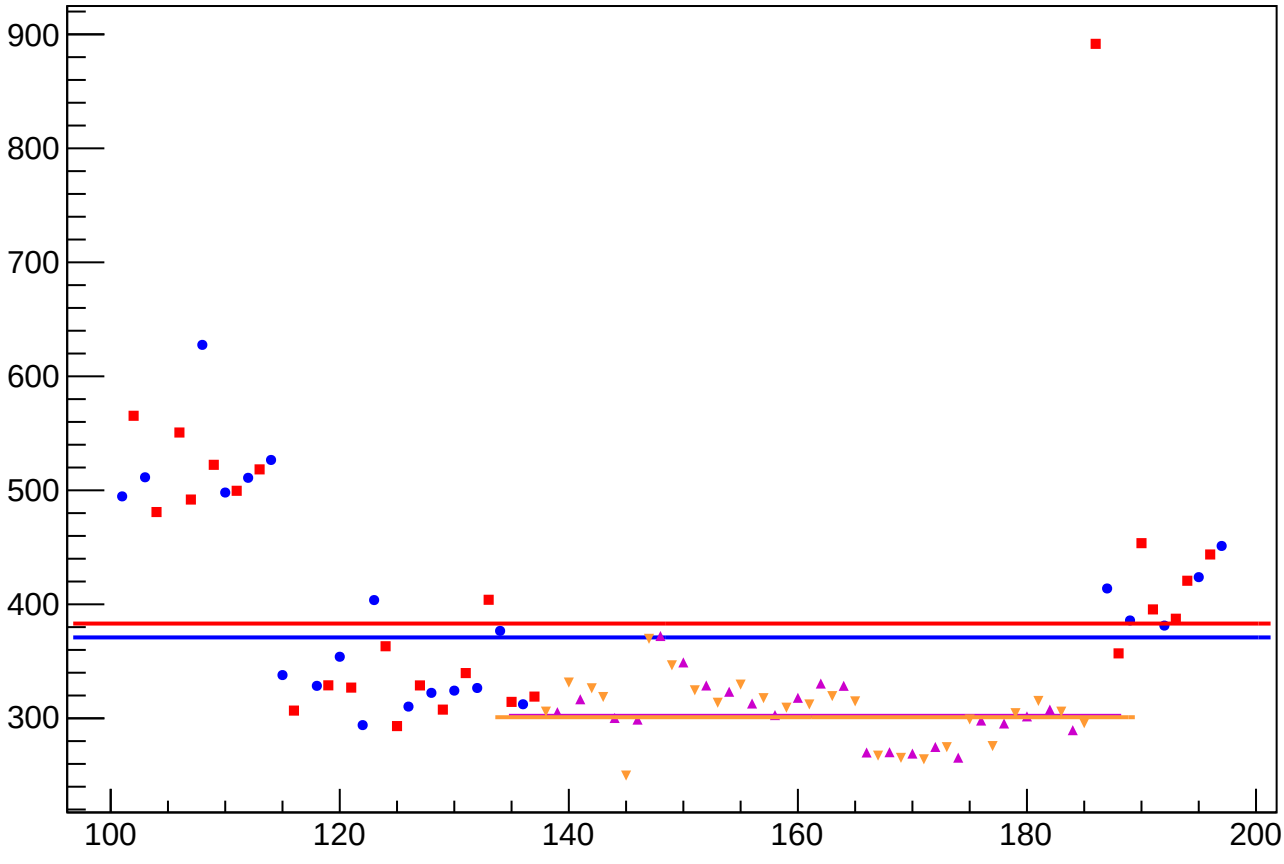
Left In: 152.030+/-72.312 χ^2/NDF:18.2/22

+ sign -106.156+/-61.315 χ^2/NDF: 55.8/46

All: -6.982+/-43.441 χ^2/NDF: 100.1/94

- sign 92.978+/-61.557 χ^2/NDF: 39.1/47

dit_asym_sam2_rms vs Slug



Right In: 370.962+/-0.087 χ^2/NDF: 728107.3/21

Left Out: 300.961+/-0.050 χ^2/NDF:322200.5/24

Right Out: 383.118+/-0.083 χ^2/NDF: 1023812.2/24

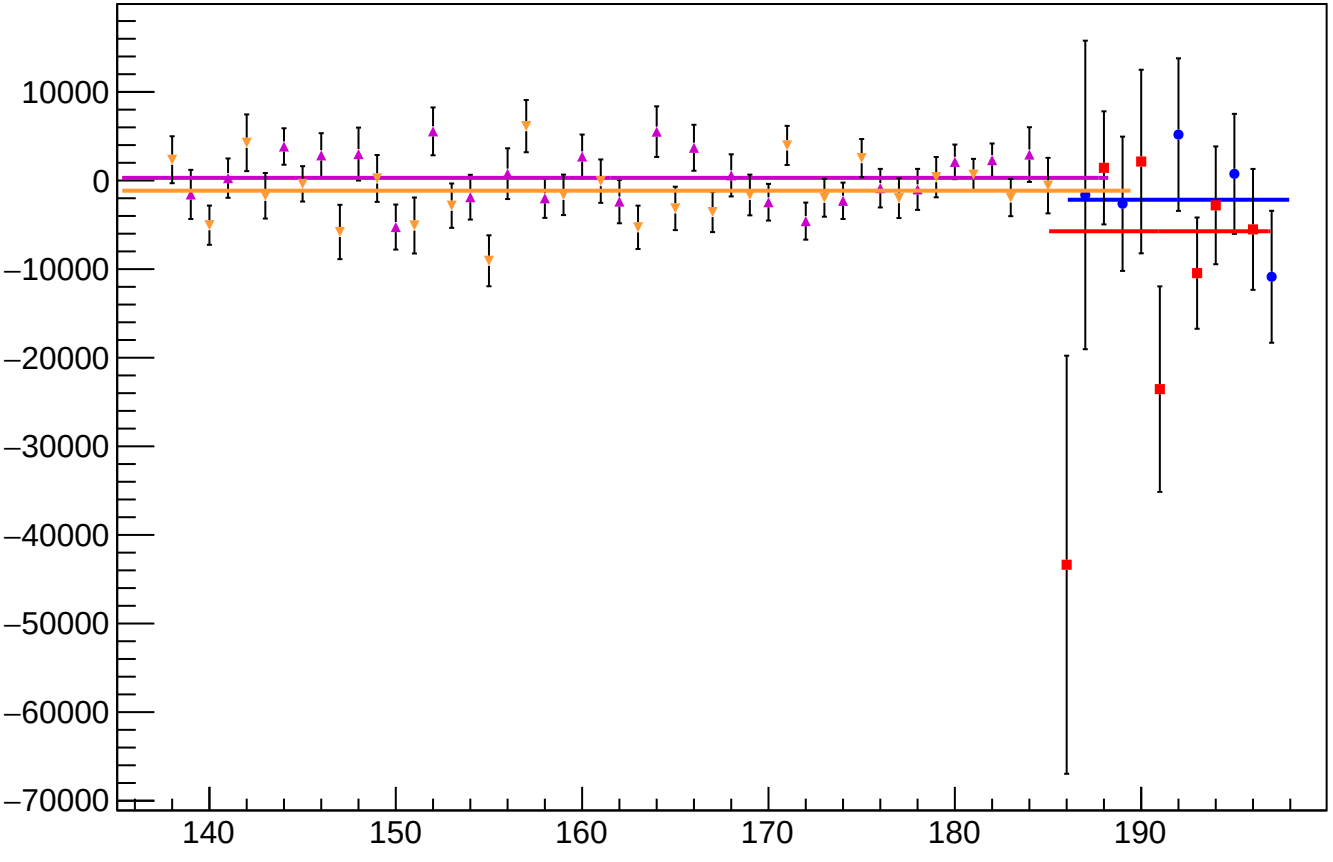
Left In: 302.180+/-0.051 χ^2/NDF:247468.9/22

+ sign 318.217+/-0.043 χ^2/NDF: 1534512.1/46

All: 321.329+/-0.031 χ^2/NDF: 3506030.6/94

- sign 324.465+/-0.044 χ^2/NDF: 1961175.2/47

asym_sam2_correction_mean vs Slug



Right In: -2169.541+/-3674.882 χ^2/NDF: 2.3/4

Left Out: -1146.466+/-479.950 χ^2/NDF:41.3/24

Right Out: -5726.928+/-2980.680 χ^2/NDF: 7.5/6

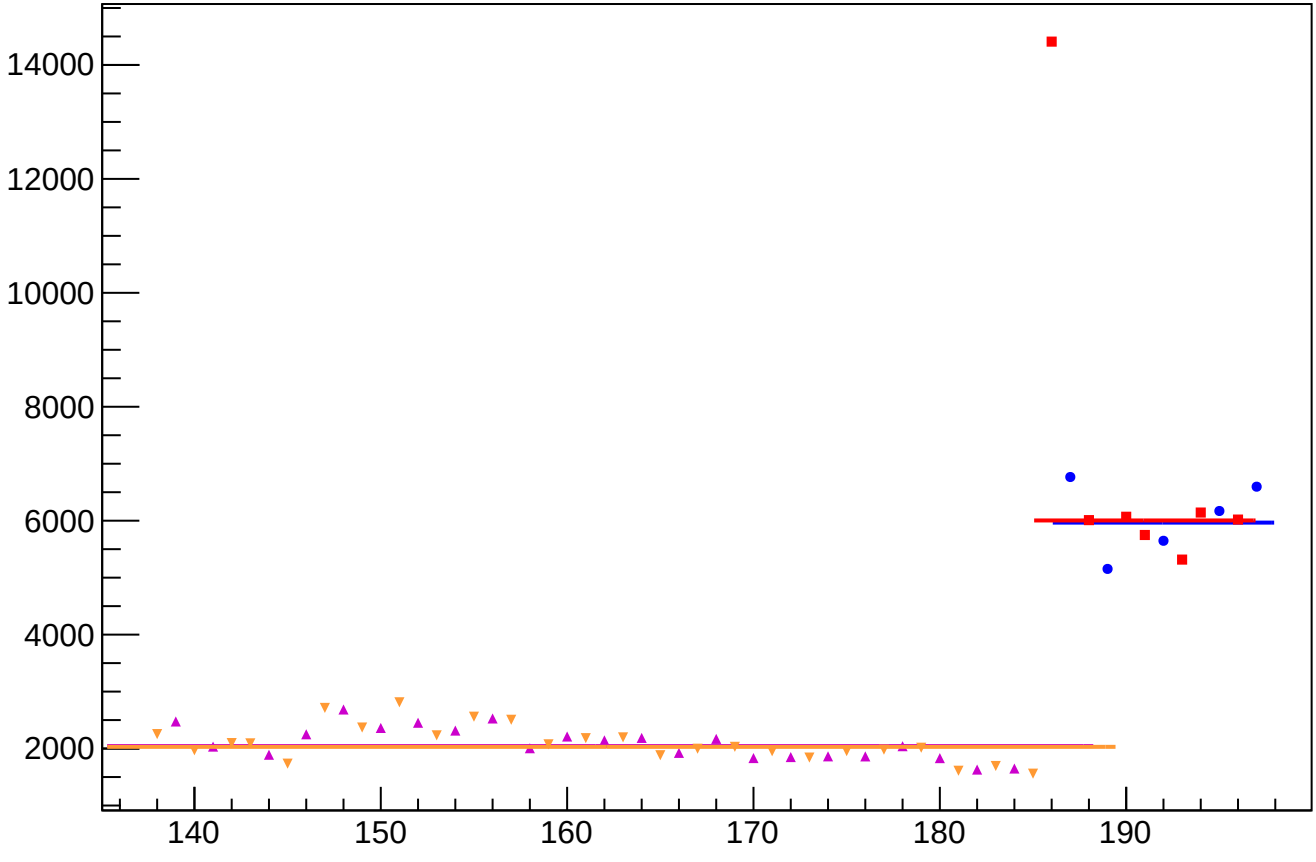
Left In: 298.915+/-491.476 χ^2/NDF:35.0/22

+ sign -1163.624+/-475.909 χ^2/NDF: 43.6/29

All: -524.332+/-339.662 χ^2/NDF: 93.8/59

- sign 139.422+/-484.928 χ^2/NDF: 46.4/29

asym_sam2_correction_rms vs Slug



Right In: 5966.370+/-2.599 χ^2/NDF: 46147.1/4

Left Out: 2030.179+/-0.339 χ^2/NDF:702523.9/24

Right Out: 6004.113+/-2.108 χ^2/NDF: 279678.3/6

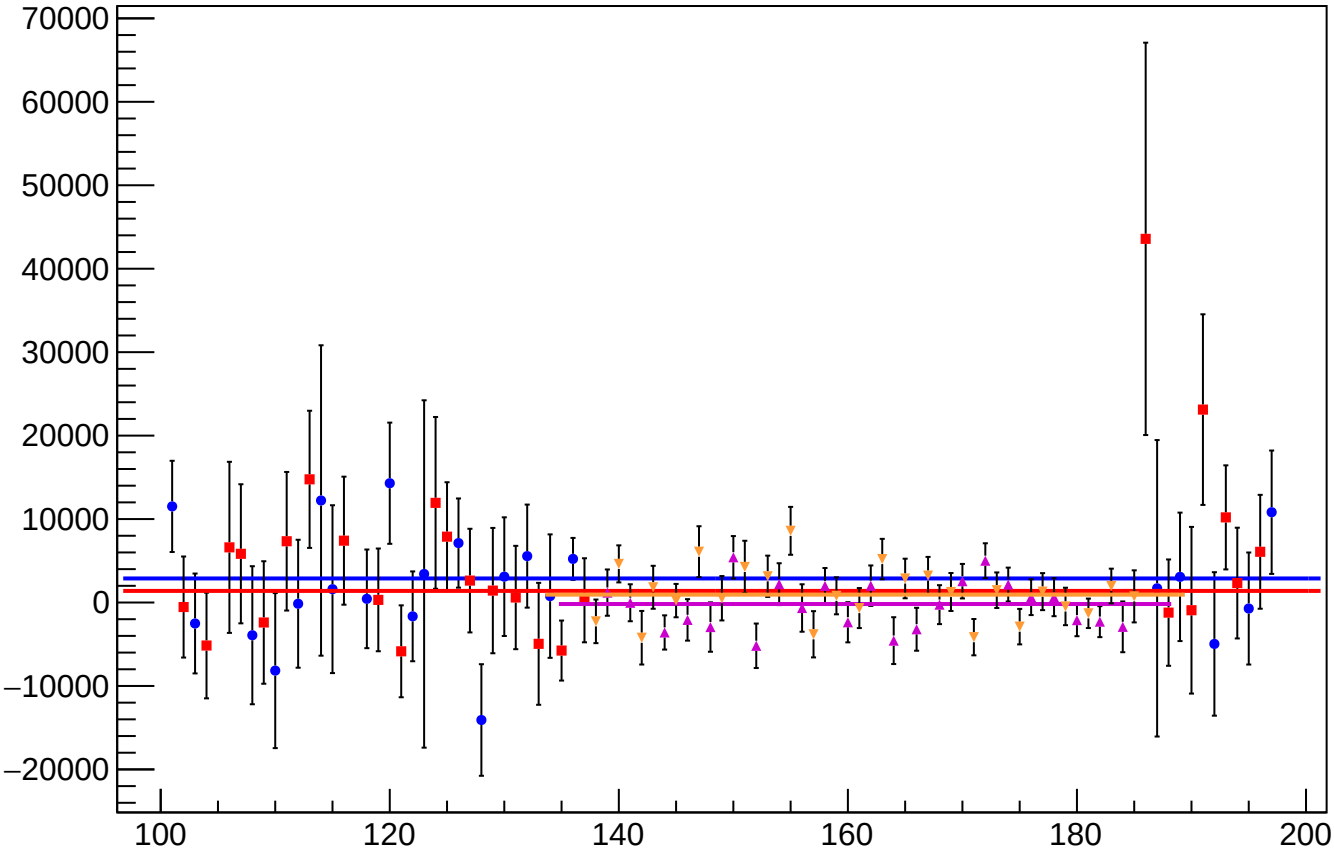
Left In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

+ sign 2096.193+/-0.337 χ^2/NDF: 3004728.0/29

All: 2122.038+/-0.240 χ^2/NDF: 7303748.1/59

- sign 2148.871+/-0.343 χ^2/NDF: 4286998.1/29

asym_sam2_mean vs Slug



Right In: 2883.330+/-1341.101 χ^2/NDF: 19.7/21

Left Out: 942.775+/-474.439 χ^2/NDF:38.3/24

Right Out: 1390.773+/-1345.187 χ^2/NDF: 23.9/24

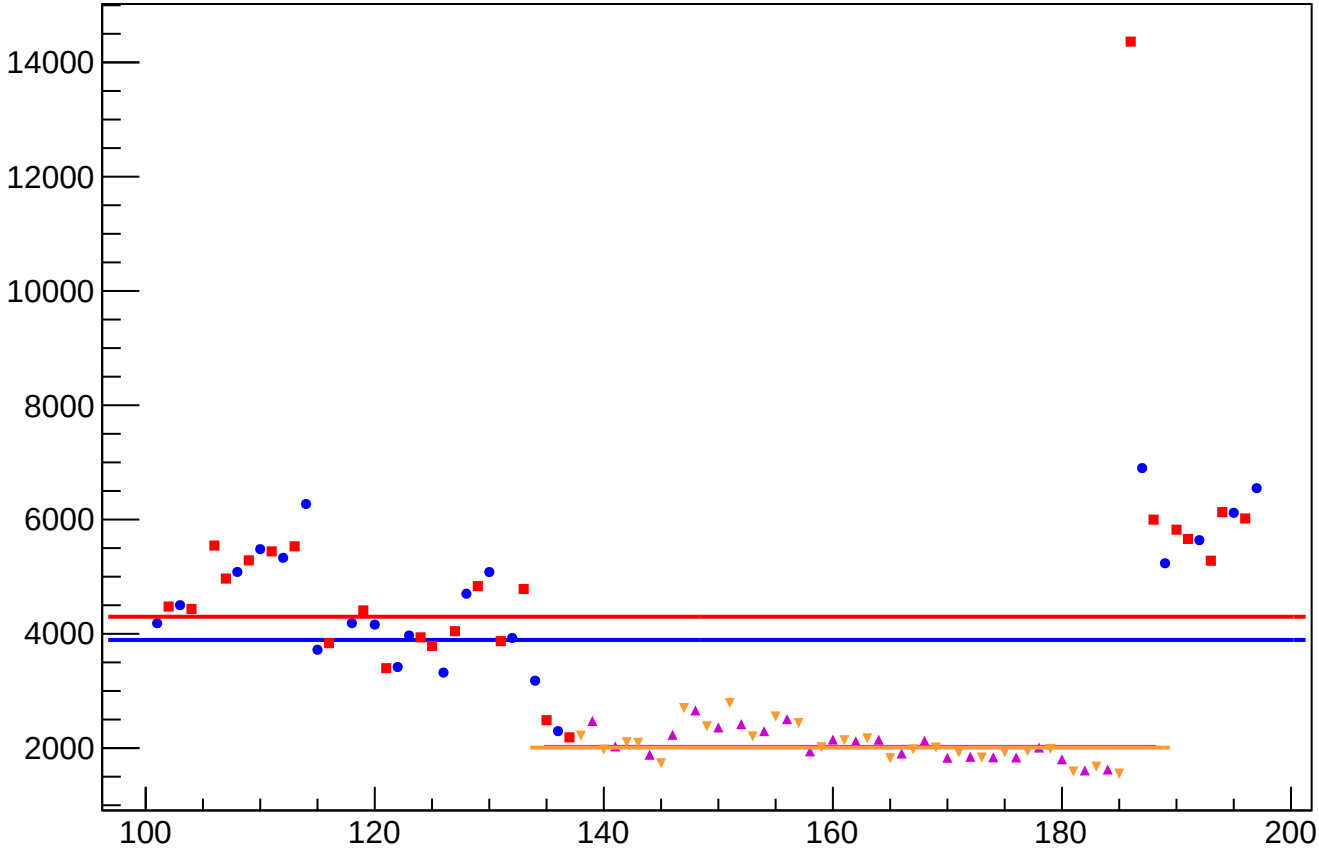
Left In: -180.087+/-486.112 χ^2/NDF:32.9/22

+ sign 1158.625+/-447.275 χ^2/NDF: 59.8/46

All: 592.657+/-319.714 χ^2/NDF: 121.1/94

- sign 1.355+/-457.176 χ^2/NDF: 58.0/47

asym_sam2_rms vs Slug



Right In: 3892.655+/-0.948 χ^2/NDF: 1865665.7/21

Left Out: 2008.897+/-0.335 χ^2/NDF:709254.4/24

Right Out: 4299.157+/-0.951 χ^2/NDF: 2042687.9/24

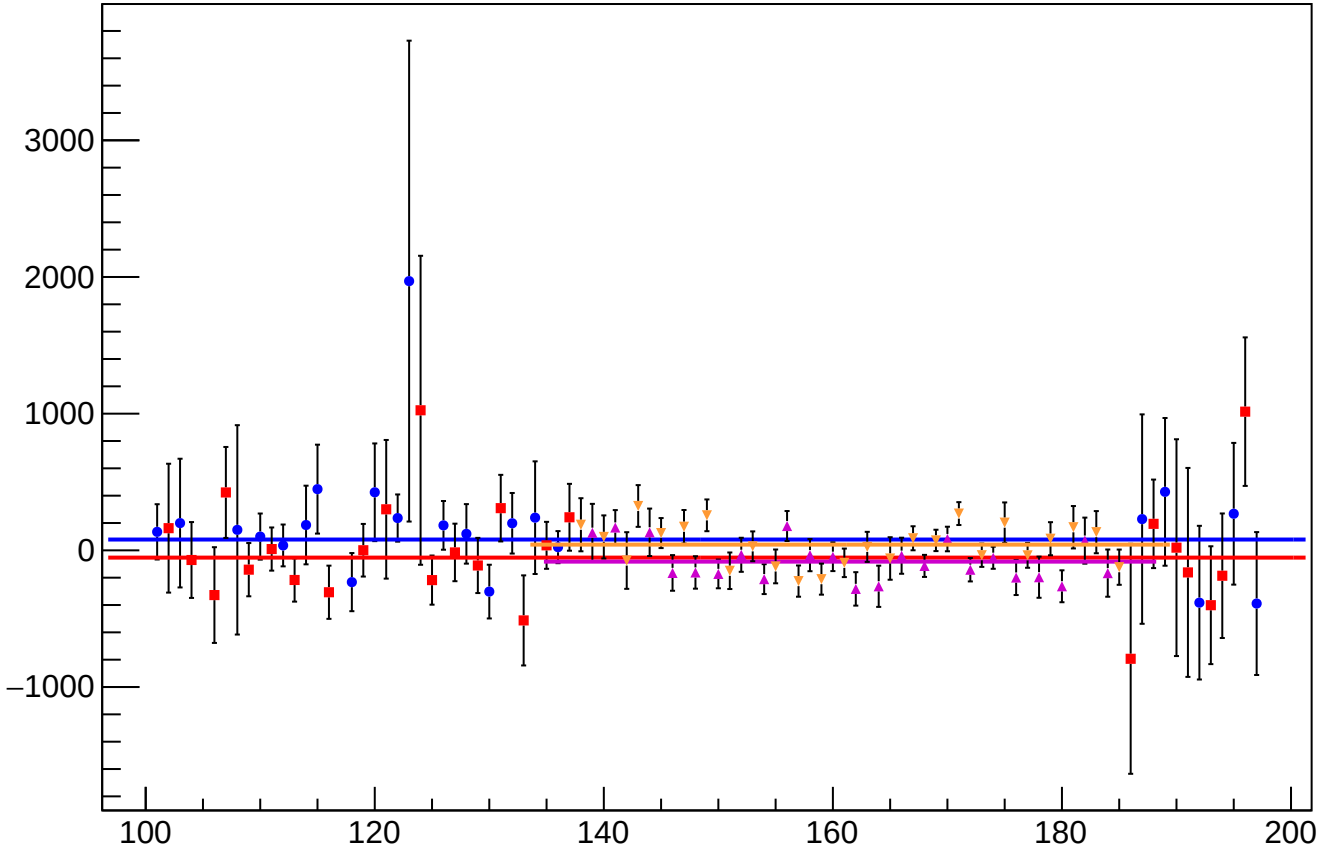
Left In: 2020.887+/-0.344 χ^2/NDF:576363.5/22

+ sign 2218.430+/-0.316 χ^2/NDF: 6082000.9/46

All: 2250.517+/-0.226 χ^2/NDF: 13796329.5/9

- sign 2284.040+/-0.323 χ^2/NDF: 7693282.3/47

dit_asym_sam3_mean vs Slug



Right In: 79.090+/-50.845 χ^2/NDF: 13.6/21

Left Out: 41.847+/-23.035 χ^2/NDF:39.1/24

Right Out: -53.180+/-51.192 χ^2/NDF: 20.3/24

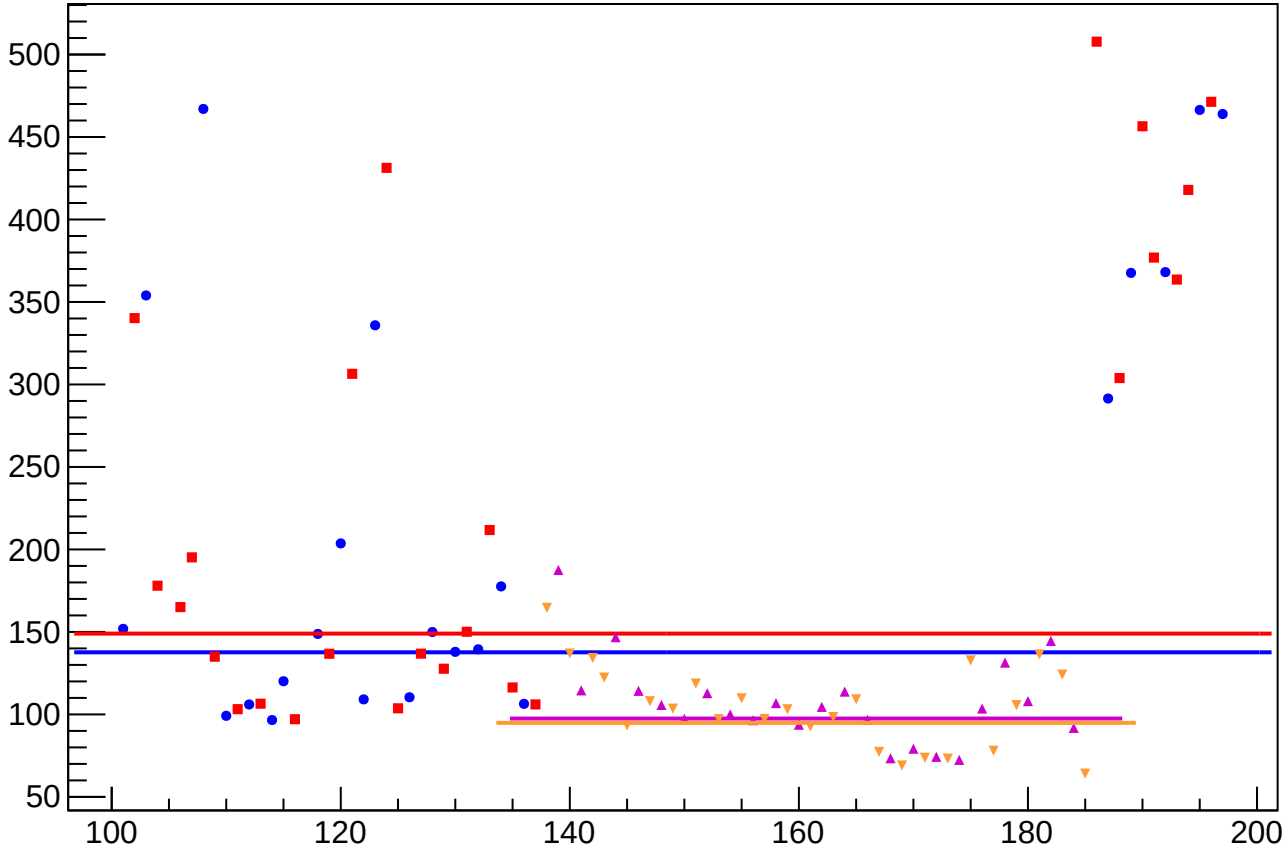
Left In: -82.630+/-24.154 χ^2/NDF:28.6/22

+ sign 48.190+/-20.983 χ^2/NDF: 53.2/46

All: -12.015+/-15.132 χ^2/NDF: 119.5/94

- sign -77.268+/-21.844 χ^2/NDF: 49.2/47

dit_asym_sam3_rms vs Slug



Right In: 137.645+/-0.036 χ^2/NDF: 3767924.2/21

Left Out: 94.886+/-0.016 χ^2/NDF:1796861.0/24

Right Out: 148.982+/-0.036 χ^2/NDF: 4742799.6/24

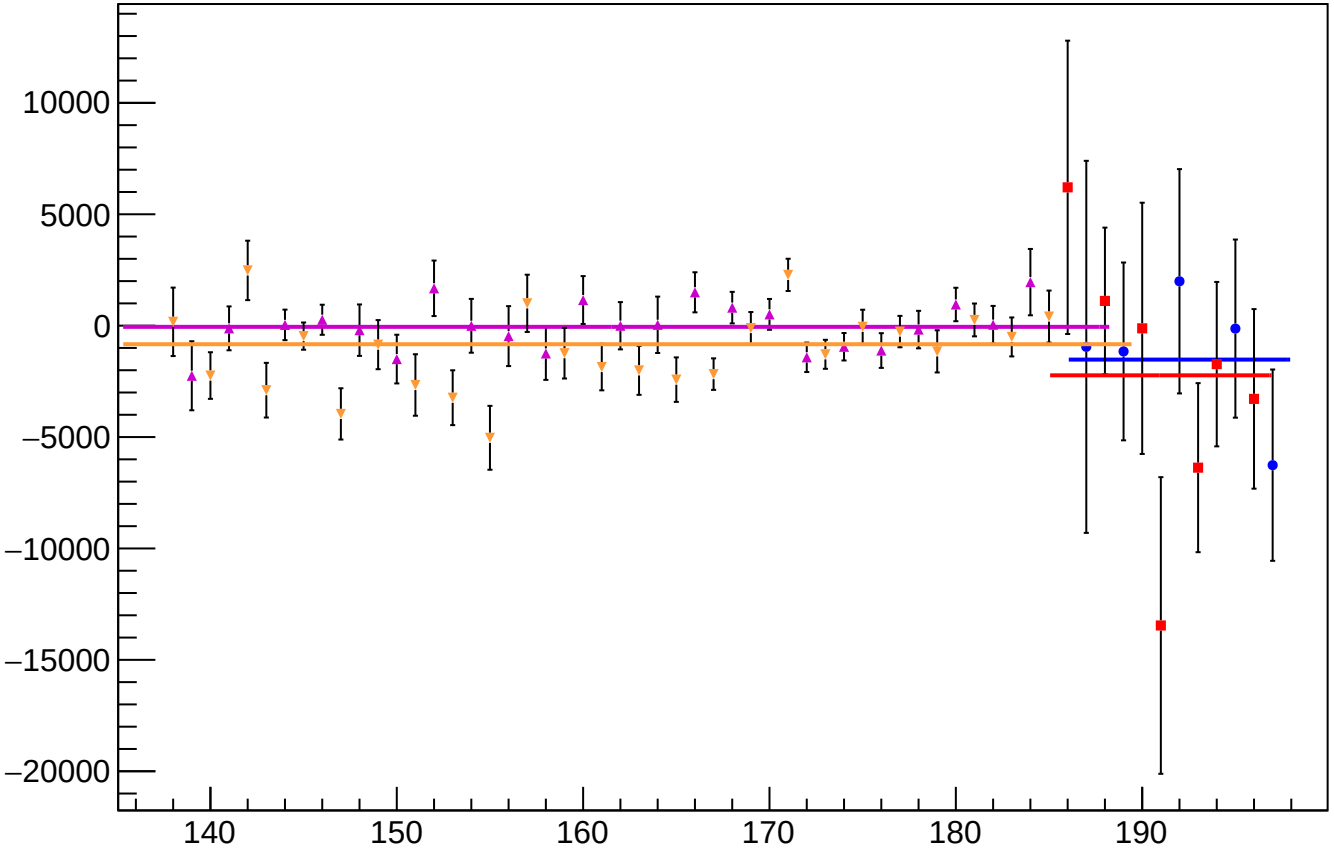
Left In: 97.499+/-0.017 χ^2/NDF:1561333.1/22

+ sign 102.168+/-0.015 χ^2/NDF: 6738324.4/46

All: 104.426+/-0.011 χ^2/NDF: 14745199.8/94

- sign 106.873+/-0.015 χ^2/NDF: 7958624.7/47

asym_sam3_correction_mean vs Slug



Right In: -1523.190+/-2069.837 χ^2/NDF: 1.8/4

Left Out: -832.580+/-183.960 χ^2/NDF:68.8/24

Right Out: -2229.043+/-1635.266 χ^2/NDF: 6.9/6

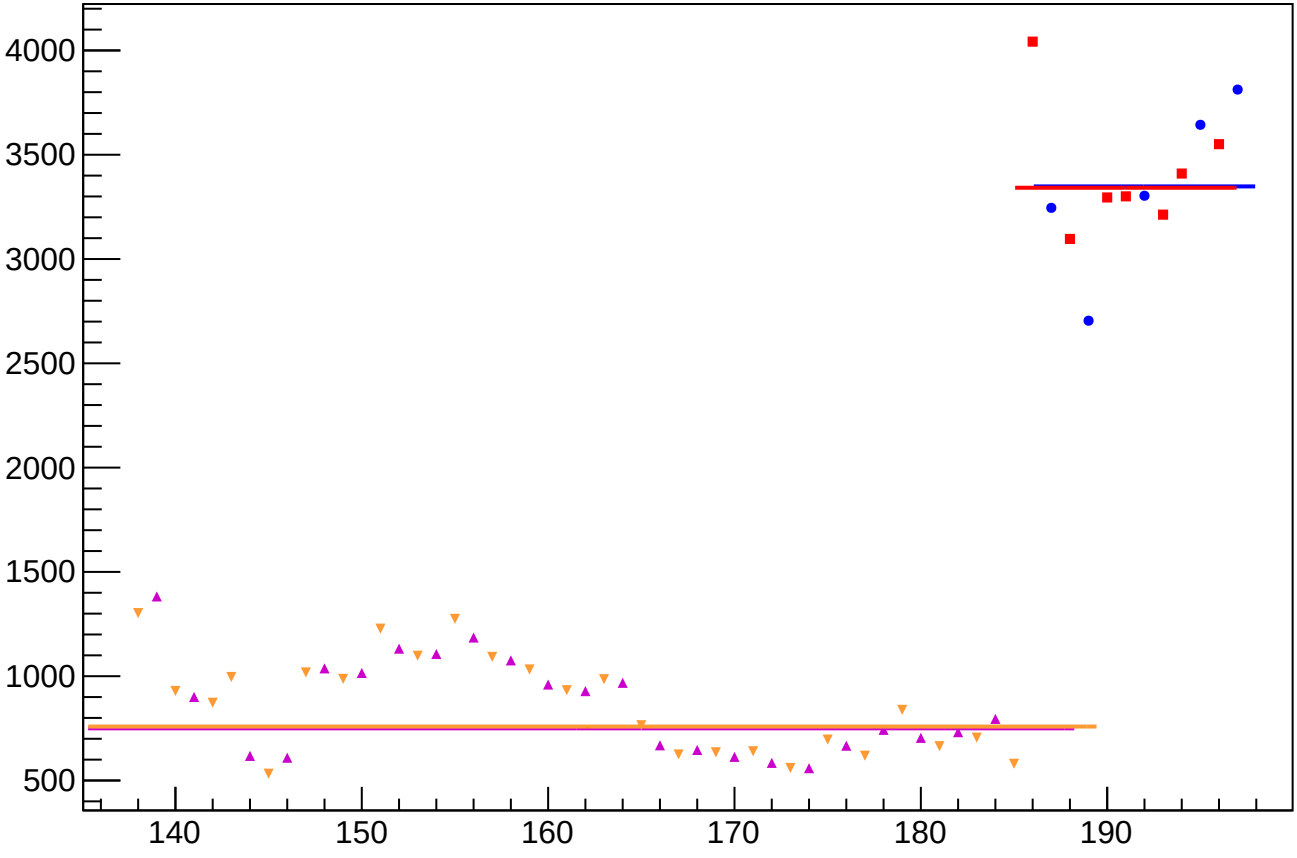
Left In: -53.006+/-184.870 χ^2/NDF:25.3/22

+ sign -837.992+/-183.238 χ^2/NDF: 70.8/29

All: -460.183+/-129.732 χ^2/NDF: 113.3/59

- sign -80.466+/-183.700 χ^2/NDF: 34.0/29

asym_sam3_correction_rms vs Slug



Right In: 3348.167+/-1.464 χ^2/NDF: 86821.2/4

Left Out: 758.608+/-0.130 χ^2/NDF:2453711.9/24

Right Out: 3341.768+/-1.156 χ^2/NDF: 42350.5/6

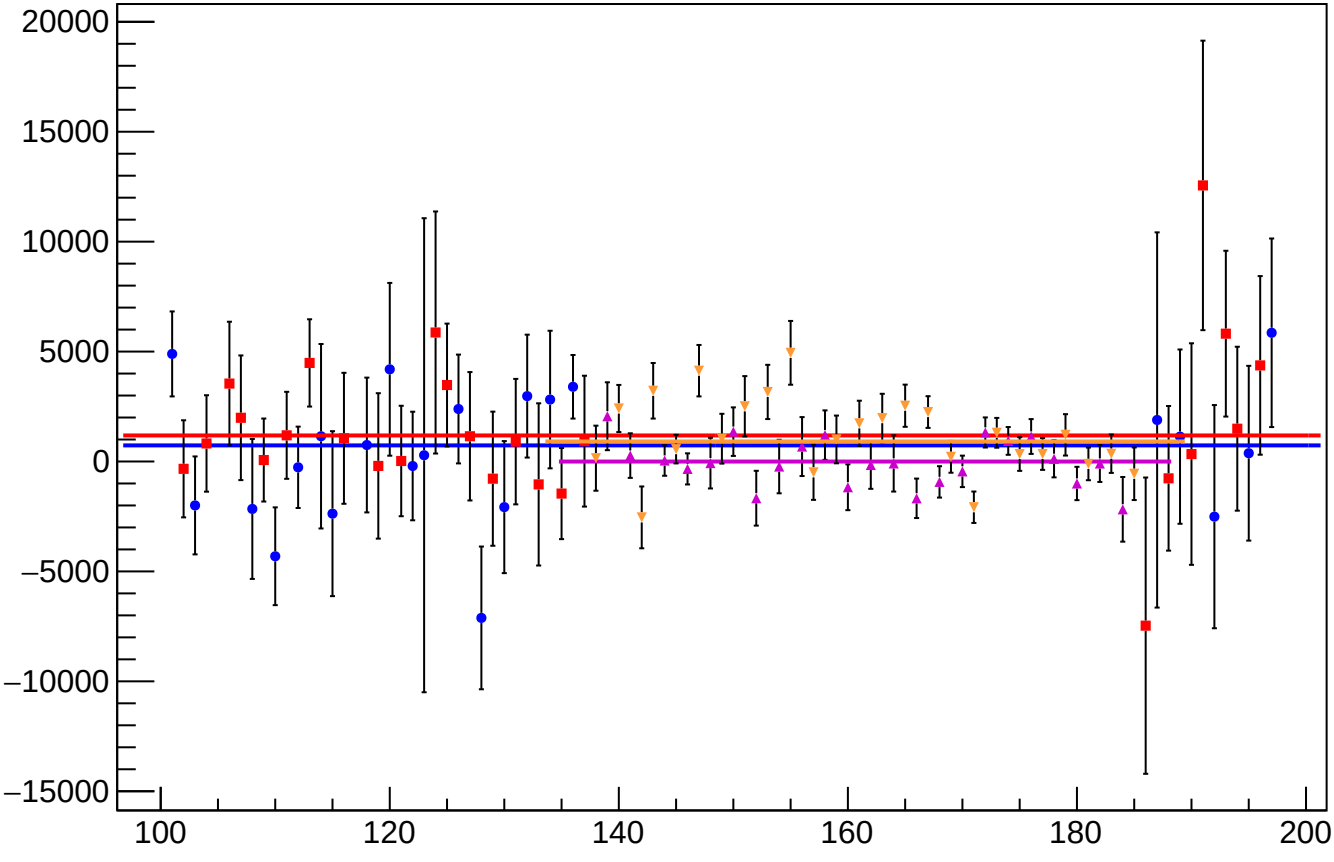
Left In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

+ sign 778.902+/-0.130 χ^2/NDF: 5646468.5/29

All: 780.797+/-0.092 χ^2/NDF: 12836452.1/59

- sign 782.702+/-0.130 χ^2/NDF: 7189554.6/29

asym_sam3_mean vs Slug



Right In: 732.088+/-592.864 χ^2/NDF: 27.5/21

Left Out: 911.919+/-186.104 χ^2/NDF:64.9/24

Right Out: 1184.335+/-565.799 χ^2/NDF: 15.8/24

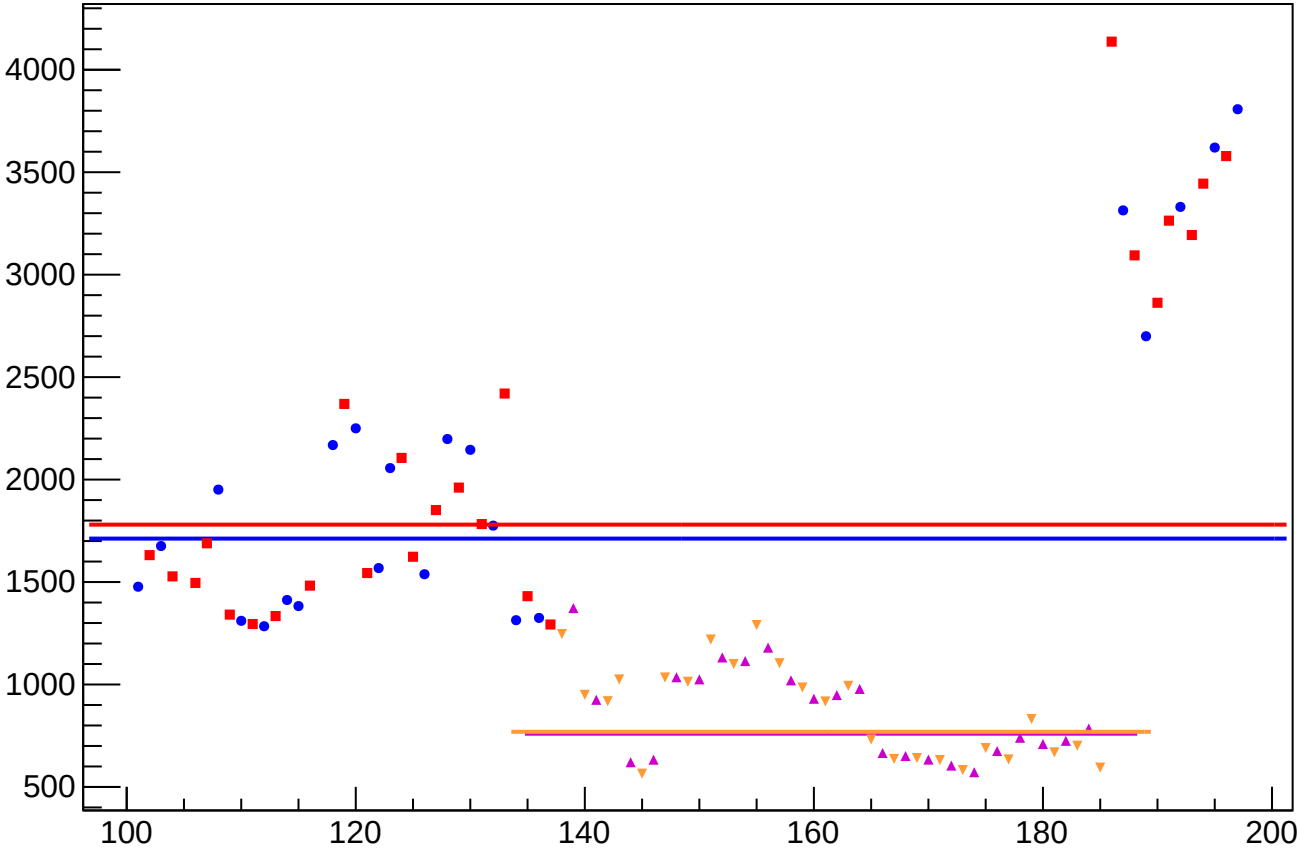
Left In: -2.470+/-187.271 χ^2/NDF:25.6/22

+ sign 895.788+/-177.562 χ^2/NDF: 92.5/46

All: 505.742+/-125.634 χ^2/NDF: 147.5/94

- sign 114.709+/-177.786 χ^2/NDF: 45.3/47

asym_sam3_rms vs Slug



Right In: 1712.038+/-0.419 χ^2/NDF: 1938918.2/21

Left Out: 769.207+/-0.132 χ^2/NDF:2275390.6/24

Right Out: 1780.150+/-0.400 χ^2/NDF: 2509950.9/24

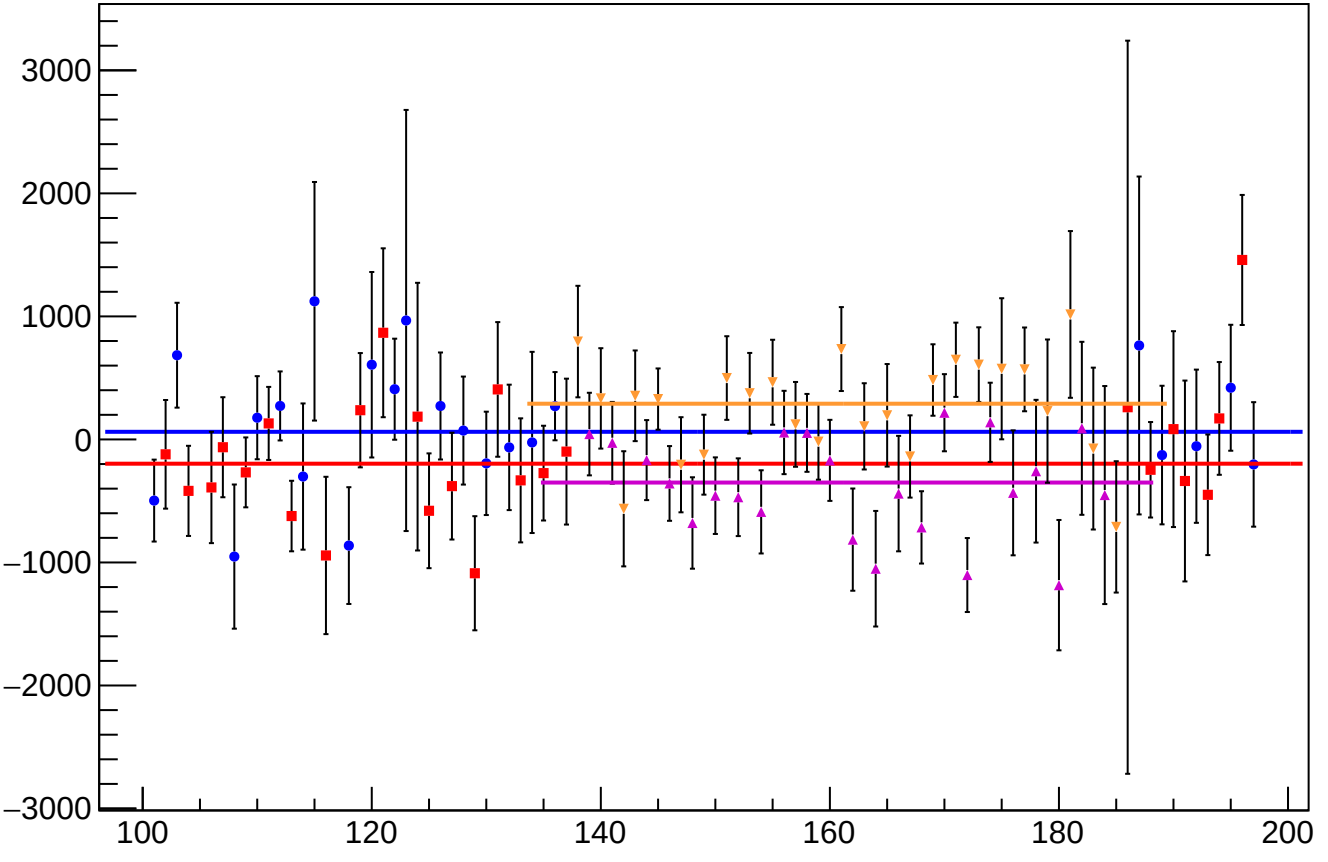
Left In: 759.935+/-0.132 χ^2/NDF:2014703.5/22

+ sign 853.778+/-0.126 χ^2/NDF: 8818709.3/46

All: 857.218+/-0.089 χ^2/NDF: 19205448.0/94

- sign 860.666+/-0.126 χ^2/NDF: 10385236.2/47

dit_asym_sam4_mean vs Slug



Right In: 61.932+/-98.007 χ^2/NDF: 17.9/21

Left Out: 290.293+/-72.910 χ^2/NDF:22.3/24

Right Out: -197.210+/-90.085 χ^2/NDF: 25.7/24

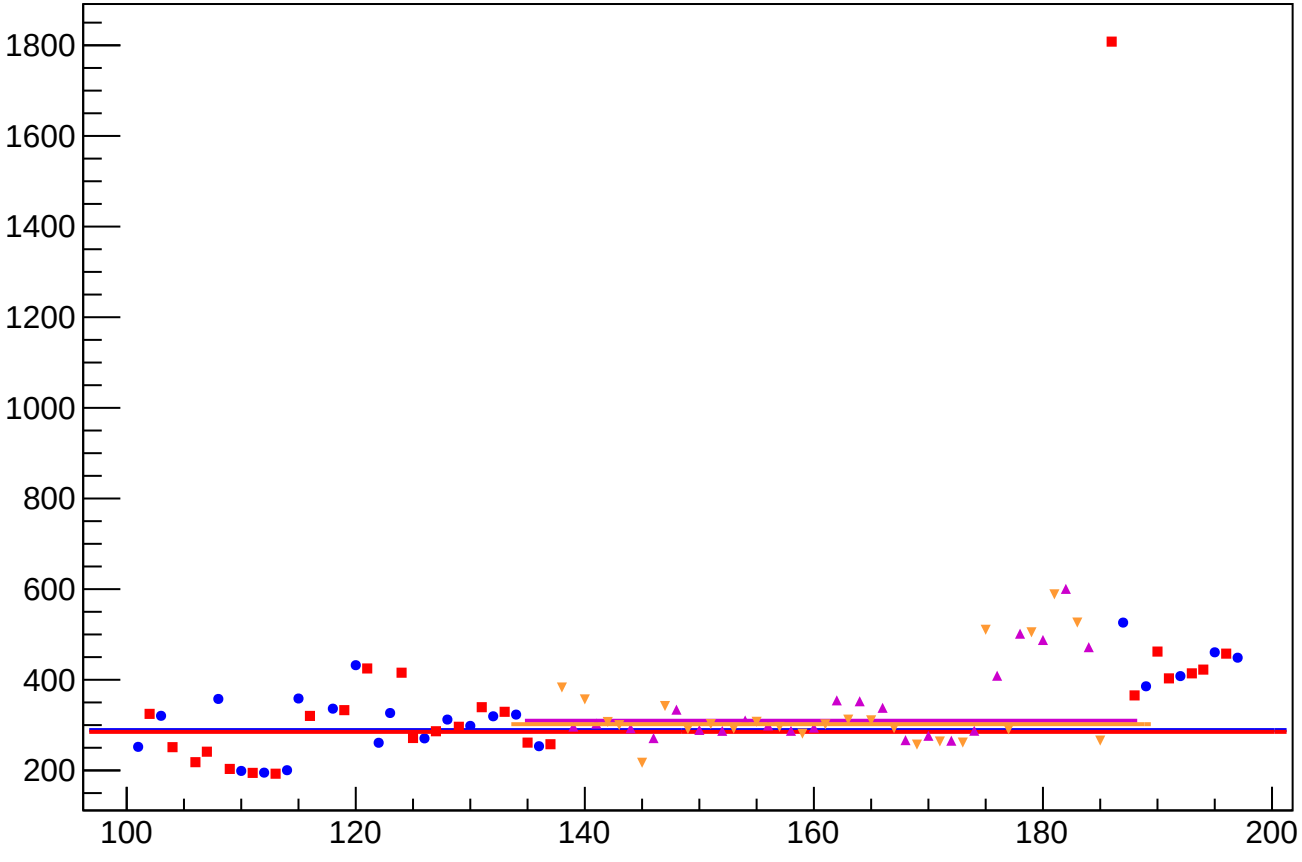
Left In: -350.522+/-75.911 χ^2/NDF:27.4/22

+ sign 208.937+/-58.498 χ^2/NDF: 43.8/46

All: -40.872+/-41.205 χ^2/NDF: 134.8/94

- sign -286.862+/-58.049 χ^2/NDF: 54.8/47

dit_asym_sam4_rms vs Slug



Right In: 289.000+/-0.069 χ^2/NDF: 1256920.0/21

Left Out: 302.040+/-0.052 χ^2/NDF:1597233.8/24

Right Out: 285.076+/-0.064 χ^2/NDF: 2129554.8/24

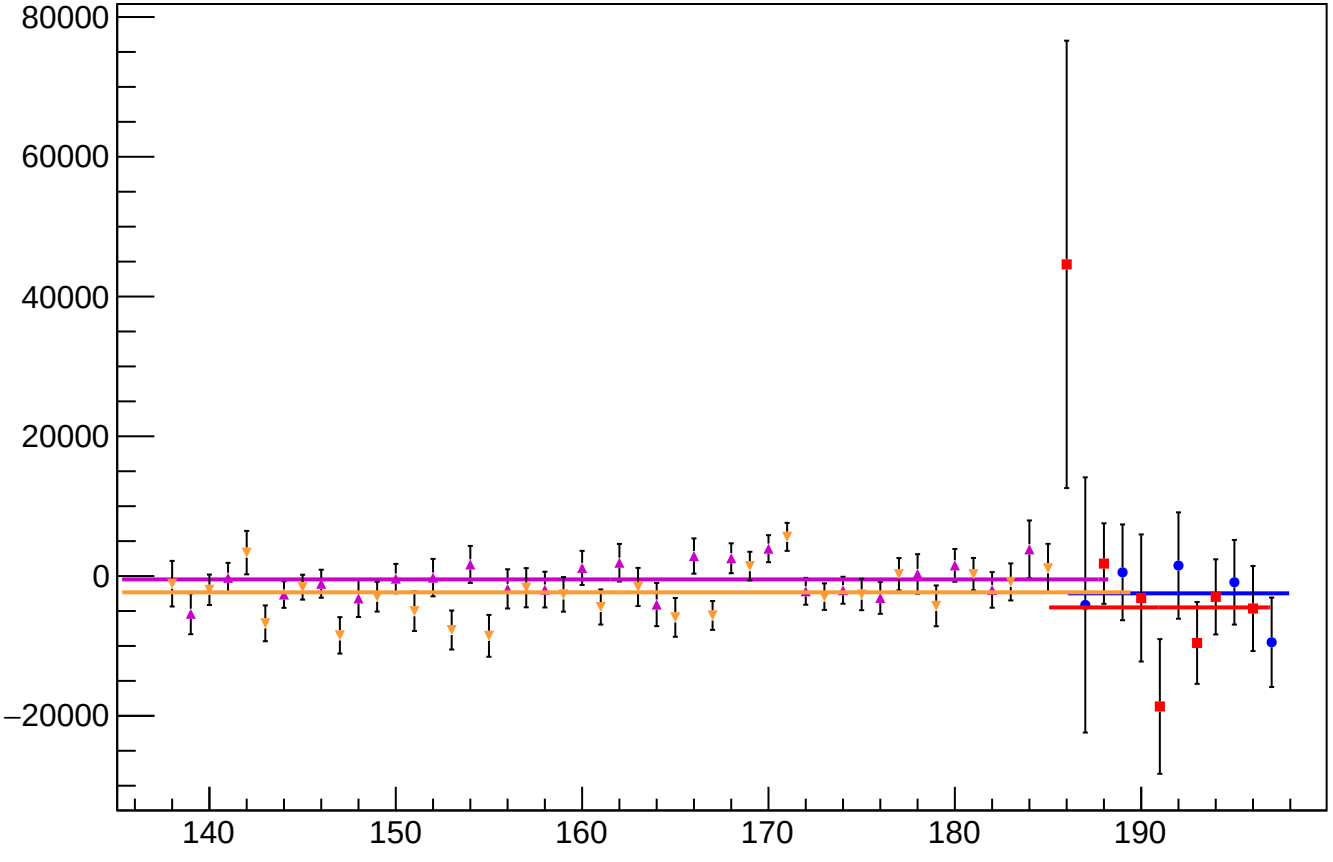
Left In: 309.609+/-0.054 χ^2/NDF:1180280.8/22

+ sign 297.395+/-0.041 χ^2/NDF: 2876946.9/46

All: 298.416+/-0.029 χ^2/NDF: 6274732.4/94

- sign 299.422+/-0.041 χ^2/NDF: 3396574.6/47

asym_sam4_correction_mean vs Slug



Right In: -2472.791+/-3275.543 χ^2/NDF: 1.7/4

Left Out: -2325.488+/-486.043 χ^2/NDF:49.8/24

Right Out: -4483.734+/-2629.302 χ^2/NDF: 6.6/6

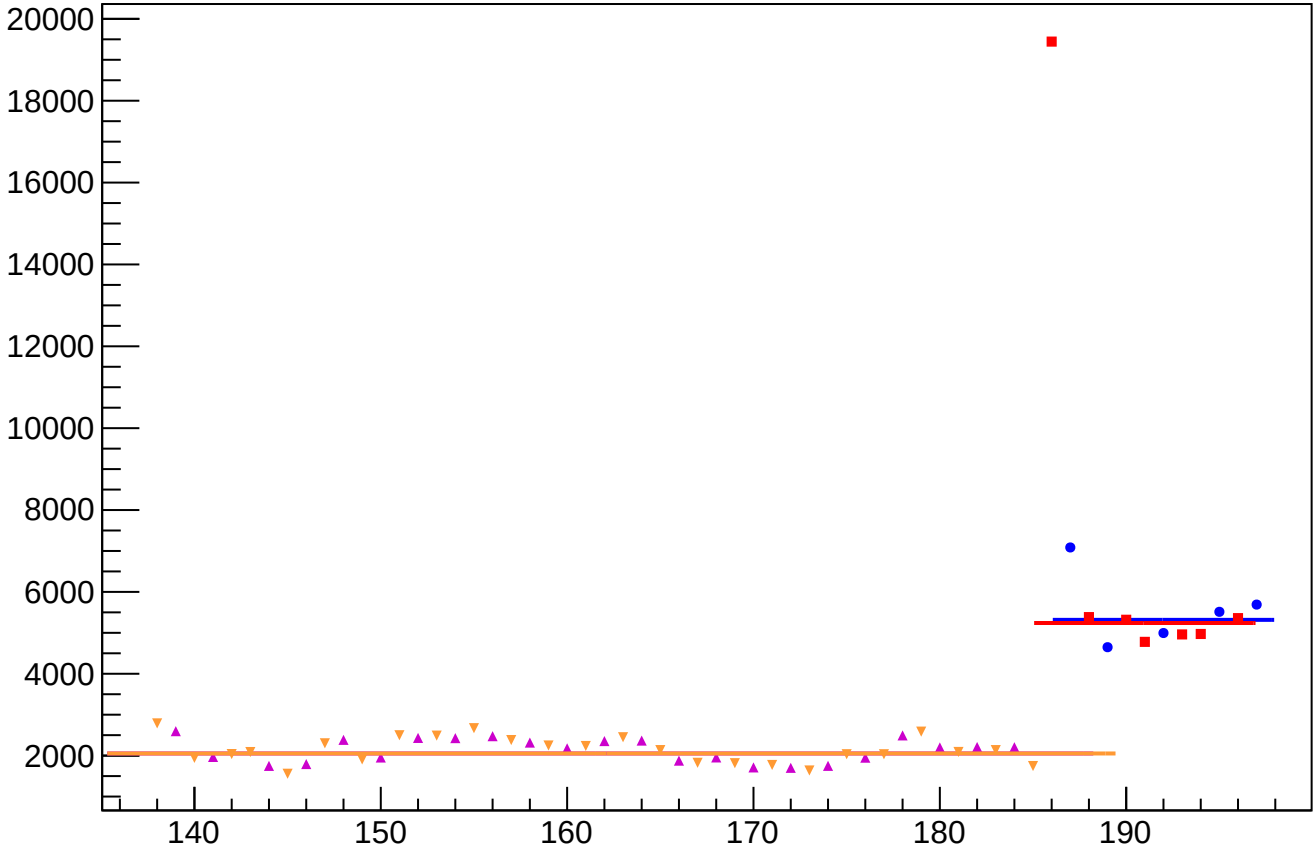
Left In: -477.779+/-494.228 χ^2/NDF:23.1/22

+ sign -2328.661+/-480.779 χ^2/NDF: 51.6/29

All: -1480.342+/-341.696 χ^2/NDF: 89.7/59

- sign -614.489+/-485.722 χ^2/NDF: 31.9/29

asym_sam4_correction_rms vs Slug



Right In: 5316.824+/-2.316 χ^2/NDF: 50228.4/4

Left Out: 2052.401+/-0.344 χ^2/NDF:838023.2/24

Right Out: 5240.181+/-1.859 χ^2/NDF: 409996.5/6

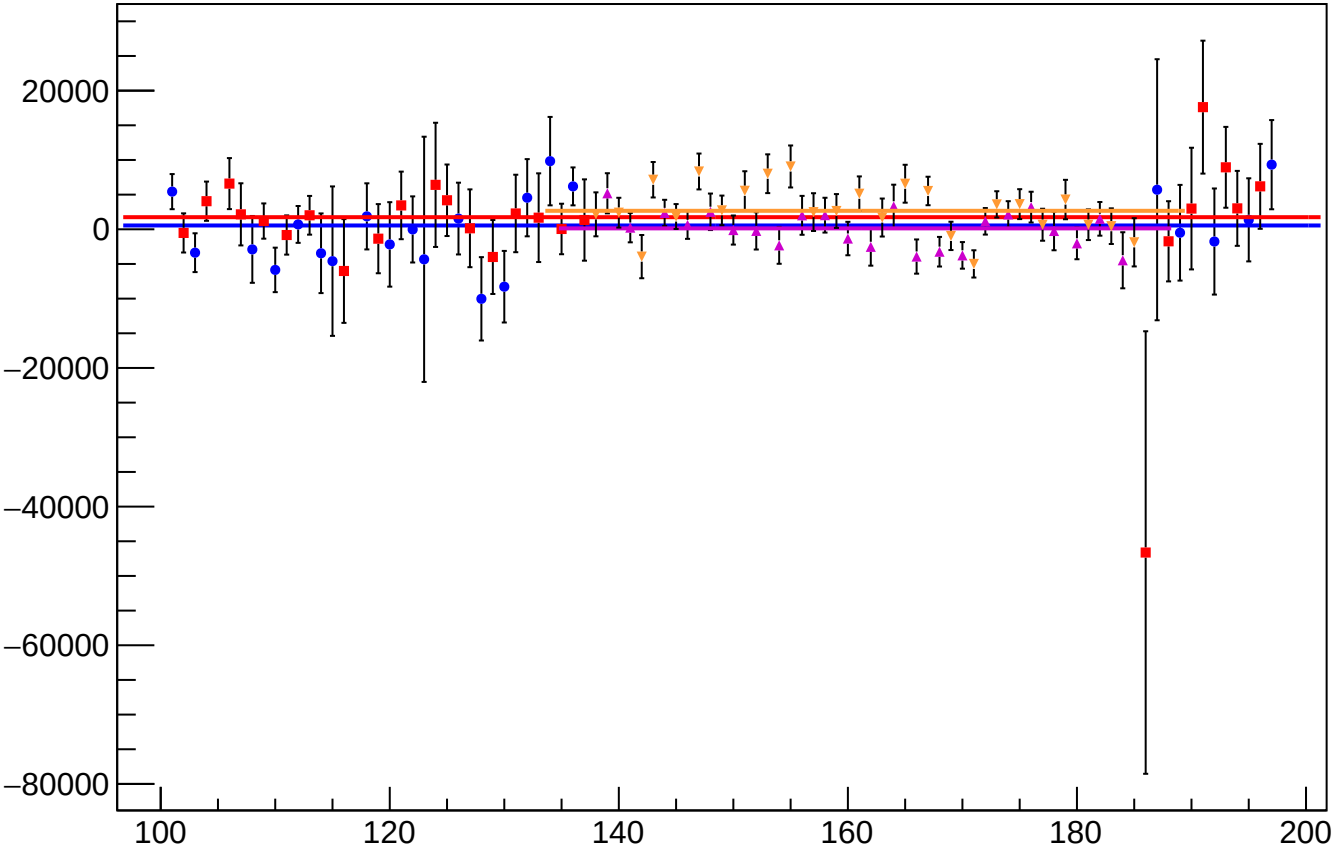
Left In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

+ sign 2122.729+/-0.340 χ^2/NDF: 2831898.8/29

All: 2141.754+/-0.242 χ^2/NDF: 6741654.7/59

- sign 2161.173+/-0.343 χ^2/NDF: 3903427.4/29

asym_sam4_mean vs Slug



Right In: 551.196+/-949.970 χ^2/NDF: 26.3/21

Left Out: 2667.050+/-480.963 χ^2/NDF:50.0/24

Right Out: 1747.654+/-875.438 χ^2/NDF: 15.0/24

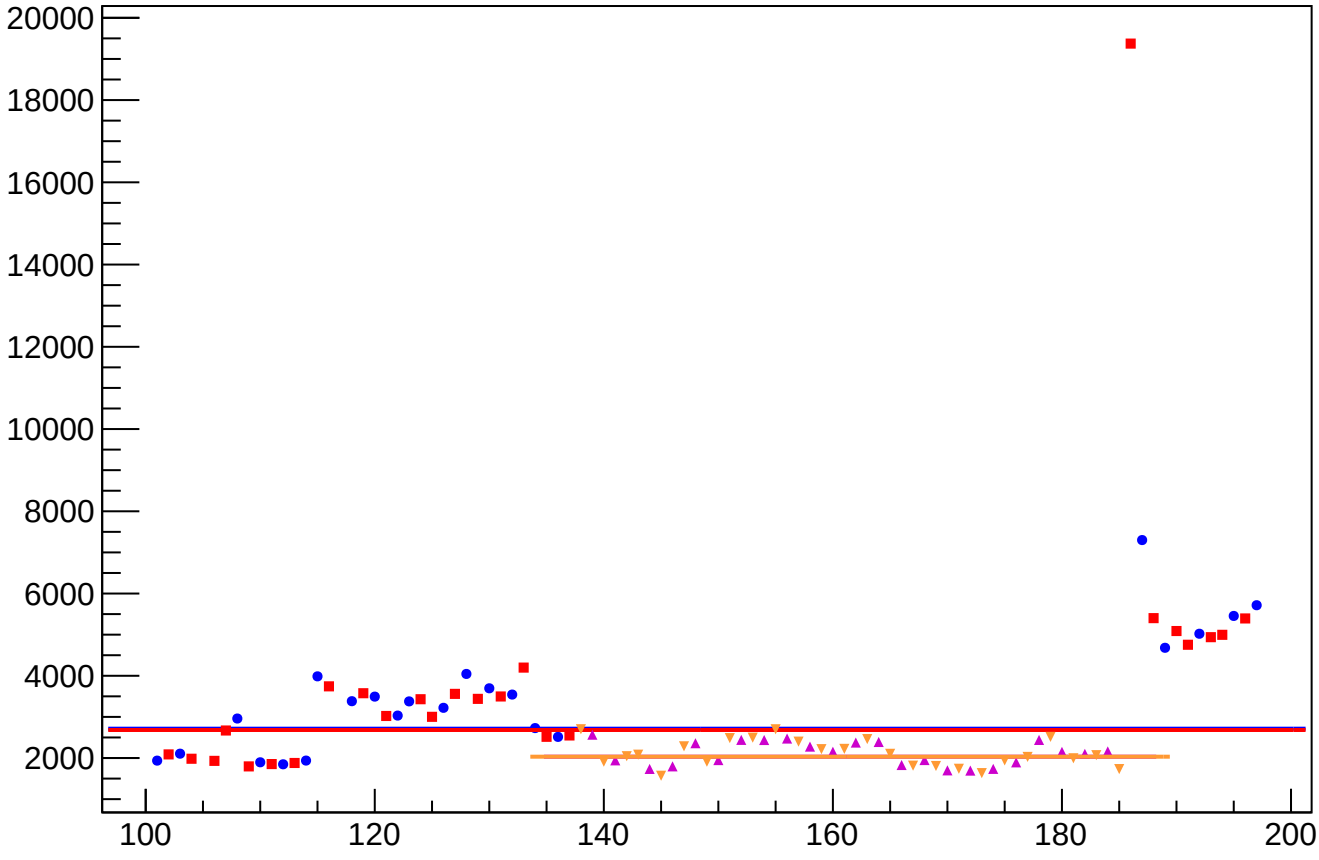
Left In: 132.307+/-489.752 χ^2/NDF:24.7/22

+ sign 2235.348+/-429.101 χ^2/NDF: 80.2/46

All: 1372.967+/-302.822 χ^2/NDF: 130.6/94

- sign 517.354+/-427.414 χ^2/NDF: 42.3/47

asym_sam4_rms vs Slug



Right In: 2713.319+/-0.672 χ^2/NDF: 2339862.4/21

Left Out: 2032.502+/-0.340 χ^2/NDF:824418.6/24

Right Out: 2681.827+/-0.619 χ^2/NDF: 3549764.6/24

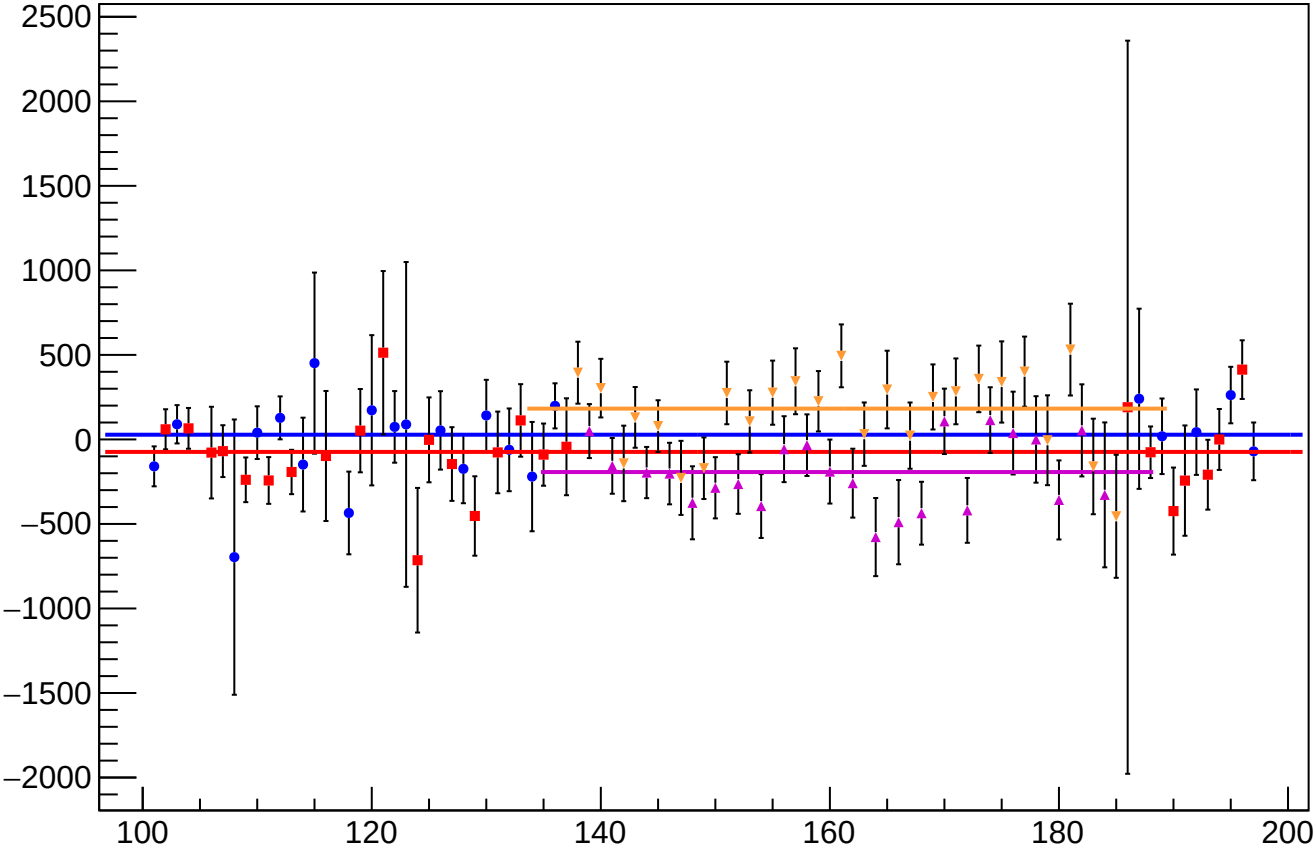
Left In: 2031.692+/-0.346 χ^2/NDF:653382.0/22

+ sign 2171.411+/-0.303 χ^2/NDF: 3981929.6/46

All: 2179.067+/-0.214 χ^2/NDF: 9026446.4/94

- sign 2186.663+/-0.302 χ^2/NDF: 5043248.4/47

dit_asym_sam5_mean vs Slug



Right In: 27.854+/-41.778 χ^2/NDF: 15.1/21

Left Out: 182.238+/-40.102 χ^2/NDF:26.9/24

Right Out: -73.888+/-38.143 χ^2/NDF: 24.6/24

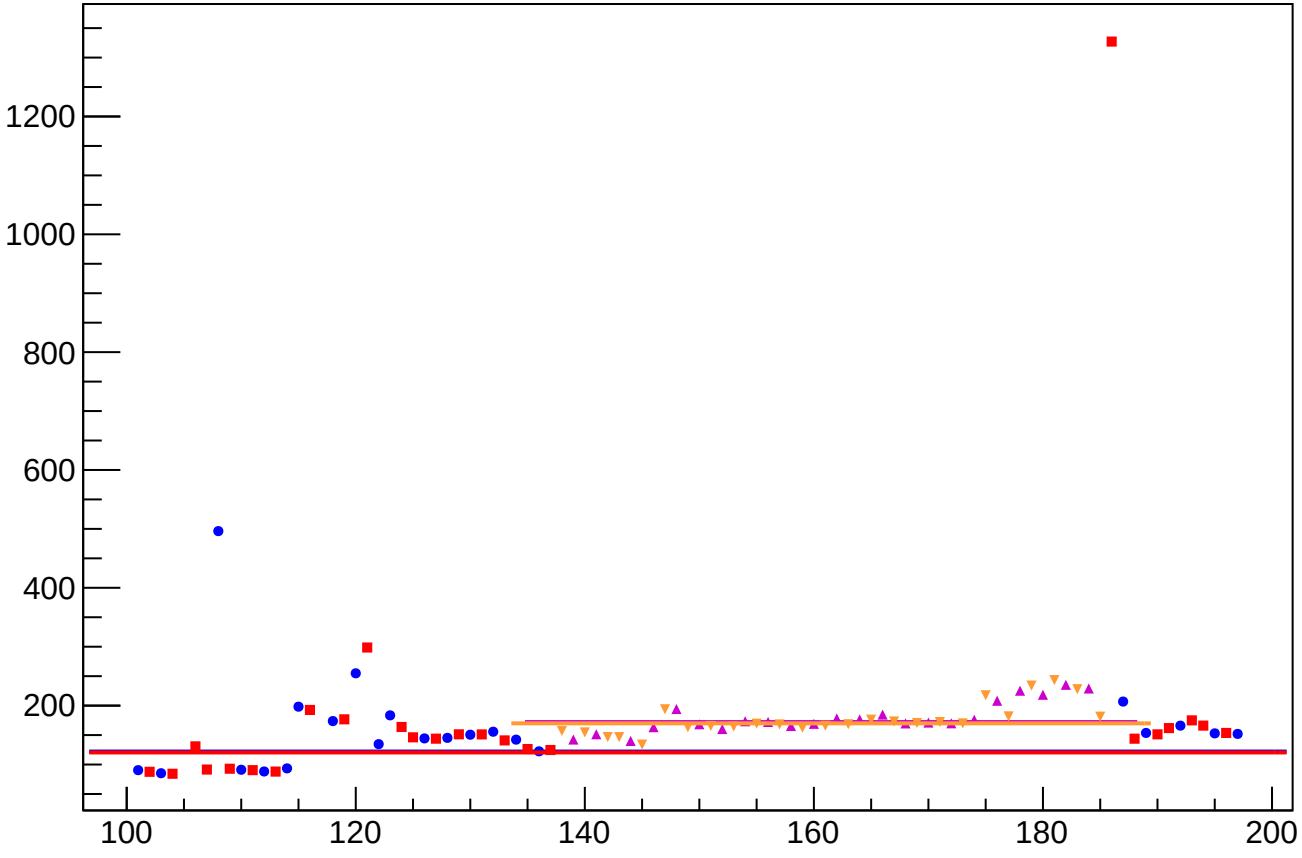
Left In: -193.004+/-41.384 χ^2/NDF:21.1/22

+ sign 108.205+/-28.931 χ^2/NDF: 49.1/46

All: -13.869+/-20.137 χ^2/NDF: 133.8/94

- sign -128.598+/-28.047 χ^2/NDF: 50.2/47

dit_asym_sam5_rms vs Slug



Right In: 122.029+/-0.030 χ^2/NDF: 1749765.4/21

Left Out: 169.906+/-0.028 χ^2/NDF:663159.2/24

Right Out: 120.508+/-0.027 χ^2/NDF: 2376244.0/24

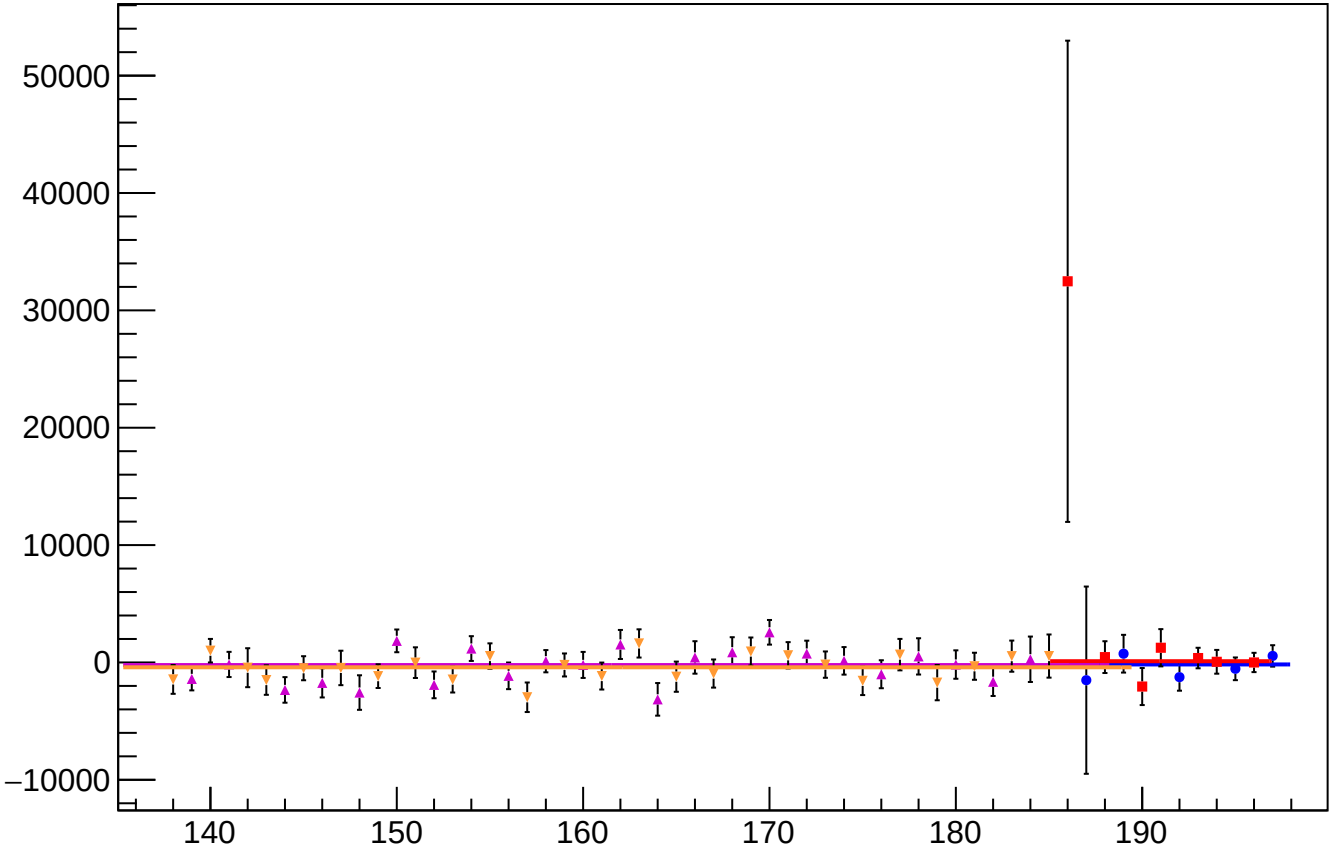
Left In: 172.065+/-0.029 χ^2/NDF:589733.9/22

+ sign 146.947+/-0.020 χ^2/NDF: 3779970.3/46

All: 145.525+/-0.014 χ^2/NDF: 8433709.0/94

- sign 144.188+/-0.020 χ^2/NDF: 4644364.7/47

asym_sam5_correction_mean vs Slug



Right In: -170.187+/-540.709 χ^2/NDF: 2.0/4

Left Out: -412.804+/-240.278 χ^2/NDF:19.0/24

Right Out: 105.414+/-442.406 χ^2/NDF: 5.1/6

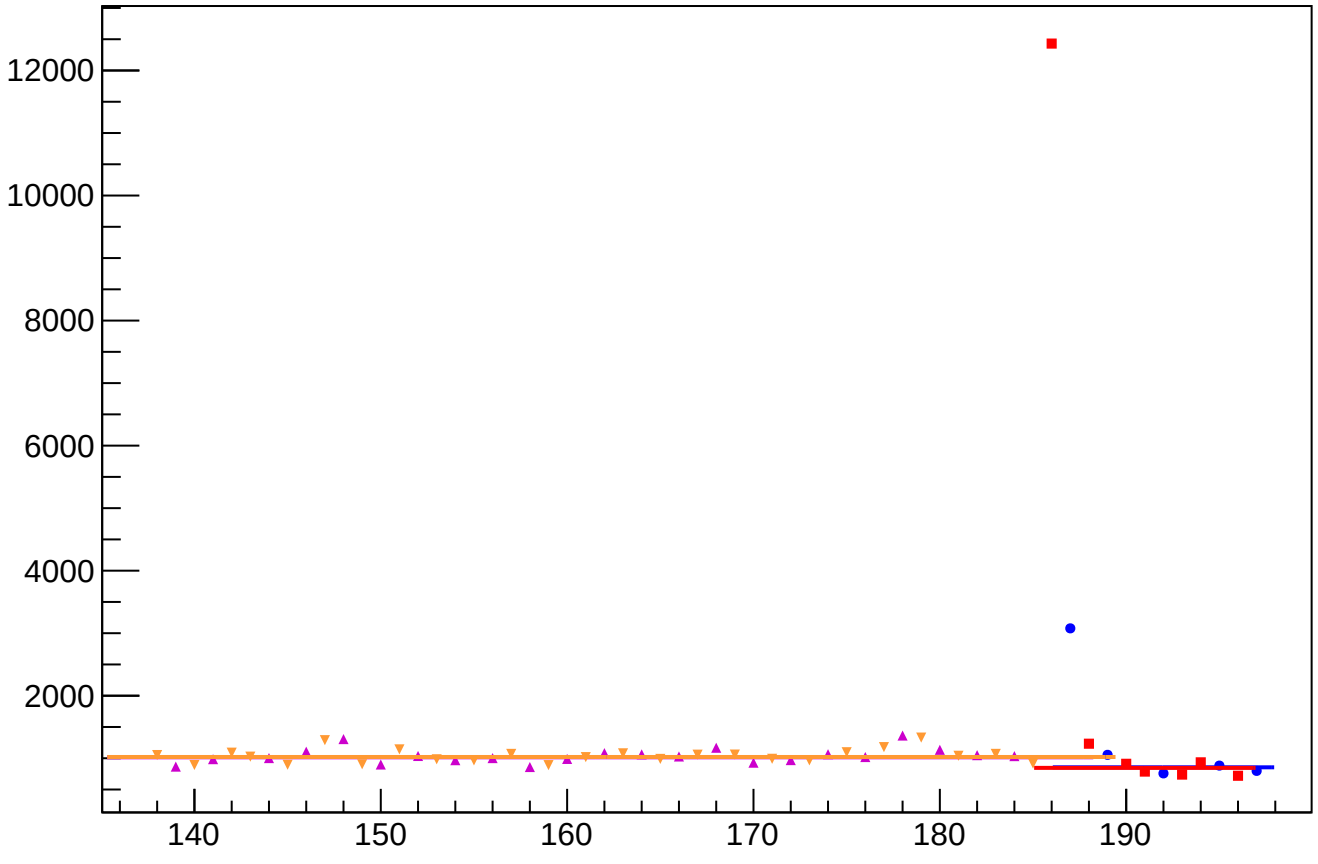
Left In: -223.332+/-243.771 χ^2/NDF:36.0/22

+ sign -372.795+/-219.574 χ^2/NDF: 21.2/29

All: -256.614+/-153.072 χ^2/NDF: 63.3/59

- sign -146.767+/-213.505 χ^2/NDF: 41.5/29

asym_sam5_correction_rms vs Slug



Right In: 854.955+/-0.382 χ^2/NDF: 209669.0/4

Left Out: 1020.149+/-0.170 χ^2/NDF:369866.7/24

Right Out: 846.066+/-0.313 χ^2/NDF: 900468.5/6

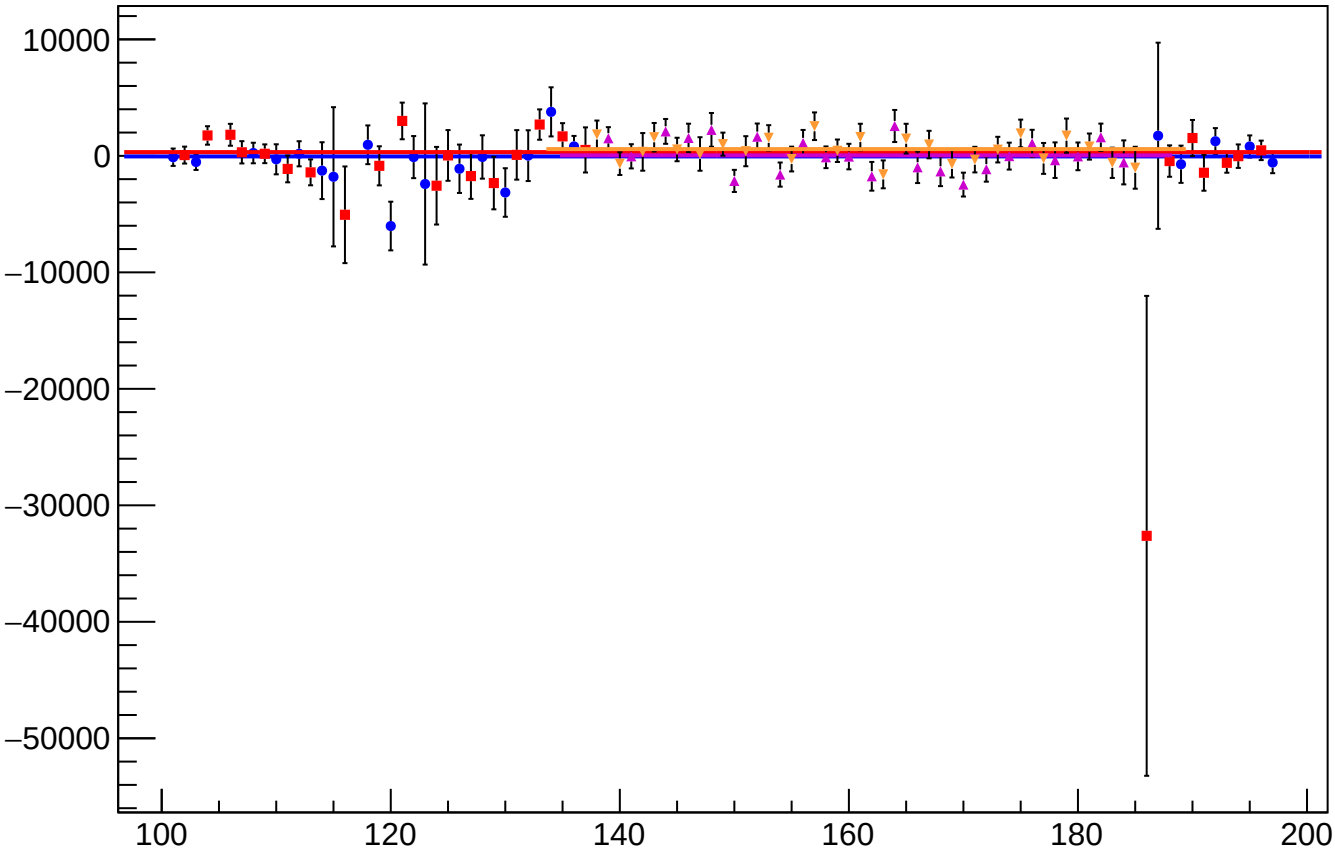
Left In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

+ sign 992.907+/-0.155 χ^2/NDF: 735428.9/29

All: 984.039+/-0.108 χ^2/NDF: 2270813.1/59

- sign 975.655+/-0.151 χ^2/NDF: 1529037.4/29

asym_sam5_mean vs Slug



Right In: -48.876+/-269.846 χ^2/NDF: 19.1/21

Left Out: 580.226+/-235.583 χ^2/NDF:18.4/24

Right Out: 322.148+/-239.568 χ^2/NDF: 29.1/24

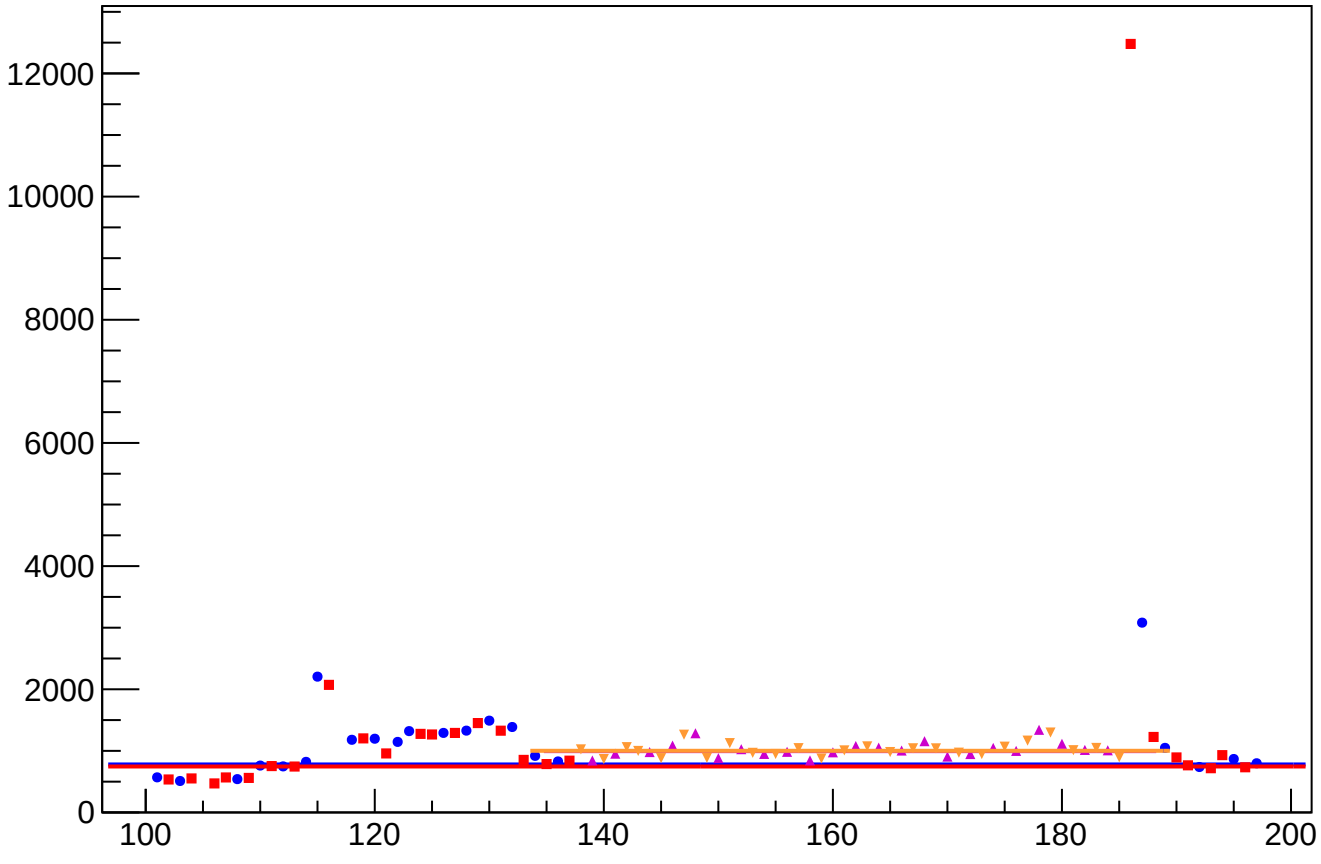
Left In: 42.397+/-239.278 χ^2/NDF:37.9/22

+ sign 308.126+/-177.468 χ^2/NDF: 40.5/46

All: 242.147+/-122.498 χ^2/NDF: 108.5/94

- sign 182.103+/-169.298 χ^2/NDF: 67.7/47

asym_sam5_rms vs Slug



Right In: 779.409+/-0.191 χ^2/NDF: 1965376.7/21

Left Out: 1001.233+/-0.167 χ^2/NDF:370278.3/24

Right Out: 746.373+/-0.169 χ^2/NDF: 2698193.8/24

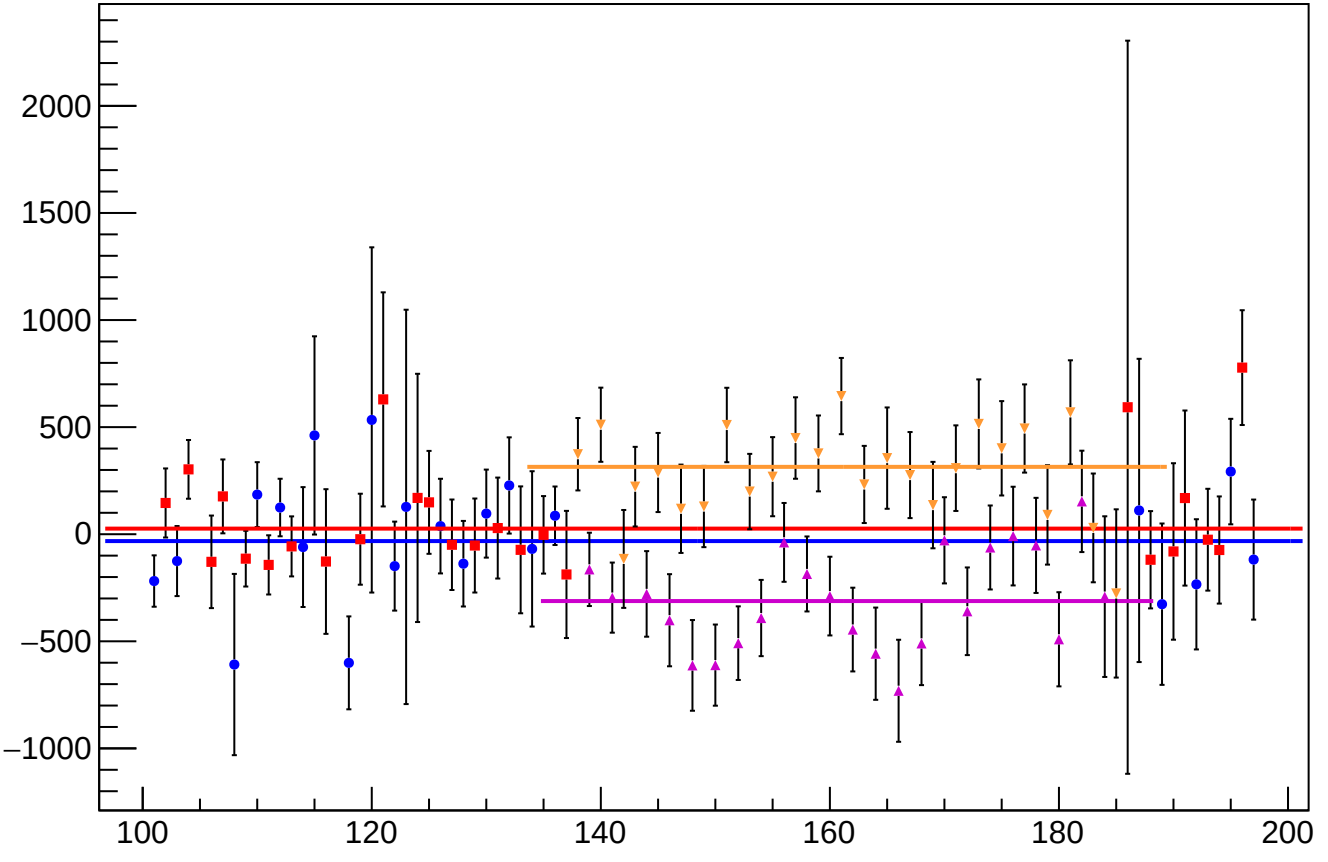
Left In: 995.590+/-0.169 χ^2/NDF:424434.6/22

+ sign 905.289+/-0.125 χ^2/NDF: 3102602.9/46

All: 887.406+/-0.087 χ^2/NDF: 7347508.5/94

- sign 871.132+/-0.120 χ^2/NDF: 4206116.2/47

dit_asym_sam6_mean vs Slug



Right In: -32.048+/-45.863 χ^2/NDF: 22.7/21

Left Out: 314.517+/-39.818 χ^2/NDF:21.4/24

Right Out: 26.169+/-42.337 χ^2/NDF: 20.6/24

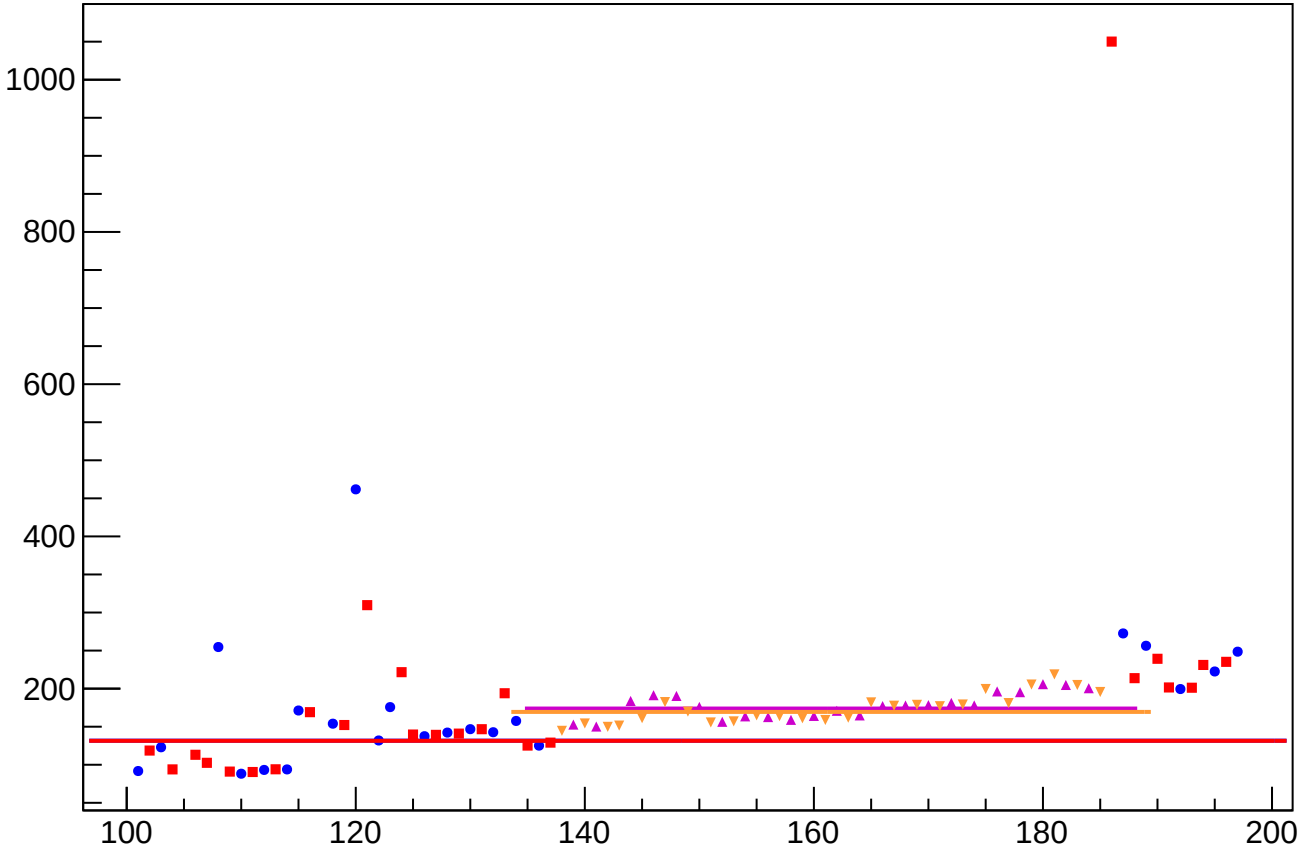
Left In: -312.097+/-41.646 χ^2/NDF:26.9/22

+ sign 165.565+/-30.067 χ^2/NDF: 76.6/46

All: 7.940+/-21.126 χ^2/NDF: 210.9/94

- sign -145.750+/-29.689 χ^2/NDF: 80.0/47

dit_asym_sam6_rms vs Slug



Right In: 131.655+/-0.032 χ^2/NDF: 2192297.8/21

Left Out: 169.432+/-0.028 χ^2/NDF:386461.5/24

Right Out: 131.449+/-0.030 χ^2/NDF: 3024037.6/24

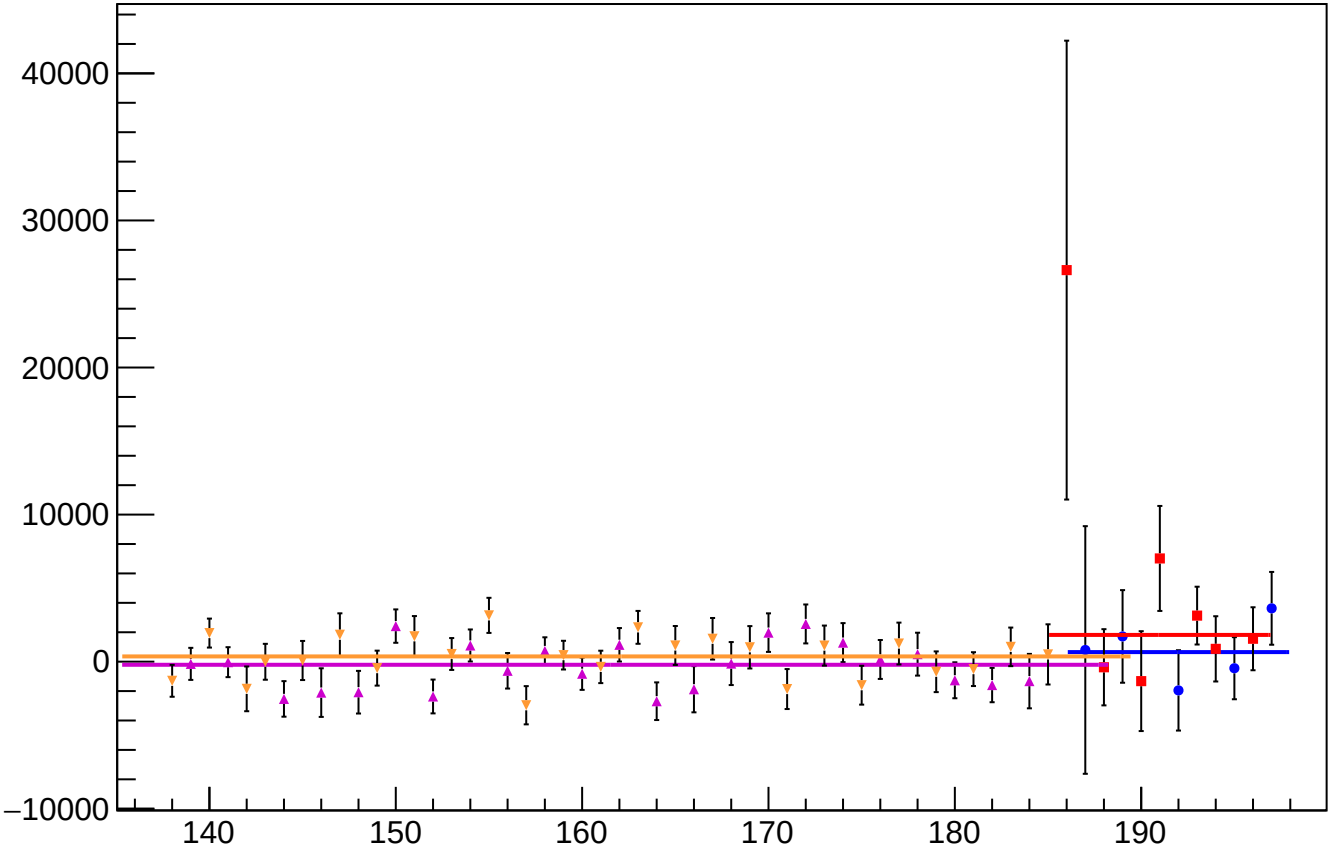
Left In: 173.847+/-0.029 χ^2/NDF:291729.8/22

+ sign 153.195+/-0.021 χ^2/NDF: 3352492.5/46

All: 153.095+/-0.015 χ^2/NDF: 7687686.6/94

- sign 152.997+/-0.021 χ^2/NDF: 4335150.1/47

asym_sam6_correction_mean vs Slug



Right In: 650.912+/-1253.193 χ^2/NDF: 2.7/4

Left Out: 356.612+/-250.934 χ^2/NDF:33.4/24

Right Out: 1818.865+/-1000.661 χ^2/NDF: 6.9/6

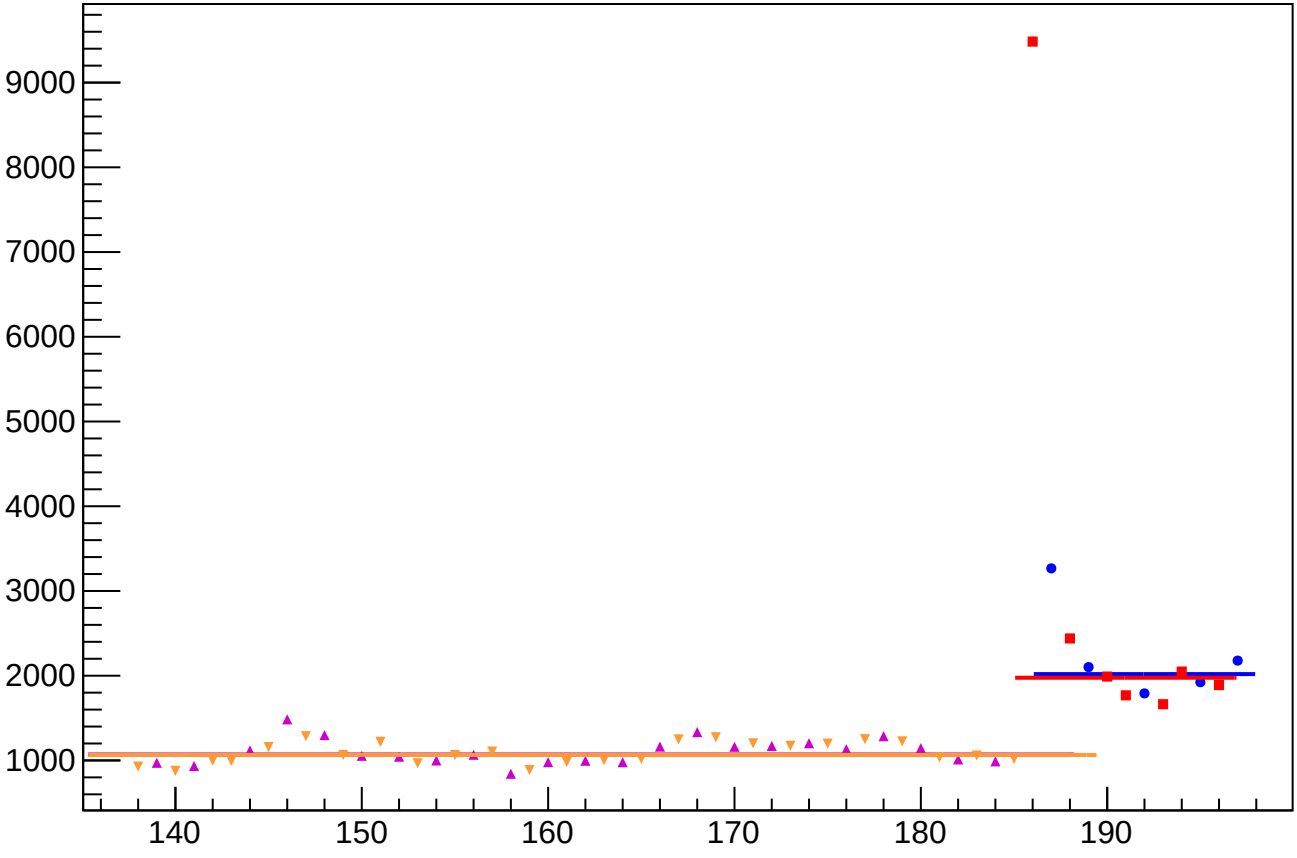
Left In: -212.007+/-257.383 χ^2/NDF:36.0/22

+ sign 367.957+/-246.050 χ^2/NDF: 36.1/29

All: 143.937+/-175.111 χ^2/NDF: 84.6/59

- sign -85.984+/-249.270 χ^2/NDF: 46.8/29

asym_sam6_correction_rms vs Slug



Right In: 2018.967+/-0.886 χ^2/NDF: 71584.3/4

Left Out: 1064.868+/-0.177 χ^2/NDF:493614.2/24

Right Out: 1975.893+/-0.708 χ^2/NDF: 590090.3/6

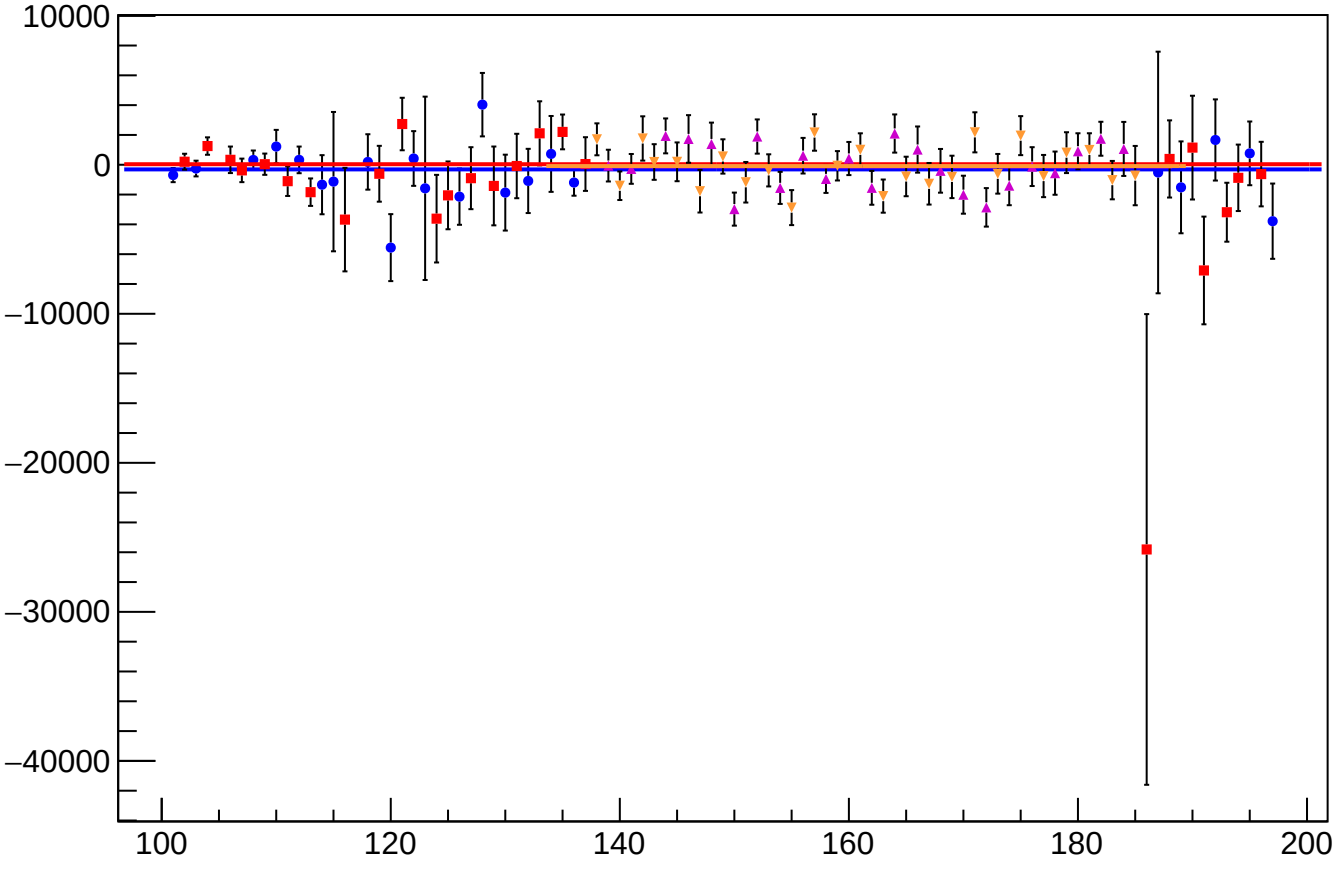
Left In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

+ sign 1101.648+/-0.174 χ^2/NDF: 1679770.6/29

All: 1114.092+/-0.124 χ^2/NDF: 4385686.8/59

- sign 1126.864+/-0.176 χ^2/NDF: 2695549.6/29

asym_sam6_mean vs Slug



Right In: -311.812+/-245.252 χ^2/NDF: 19.7/21

Left Out: -89.632+/-247.271 χ^2/NDF:31.0/24

Right Out: 35.603+/-240.568 χ^2/NDF: 30.8/24

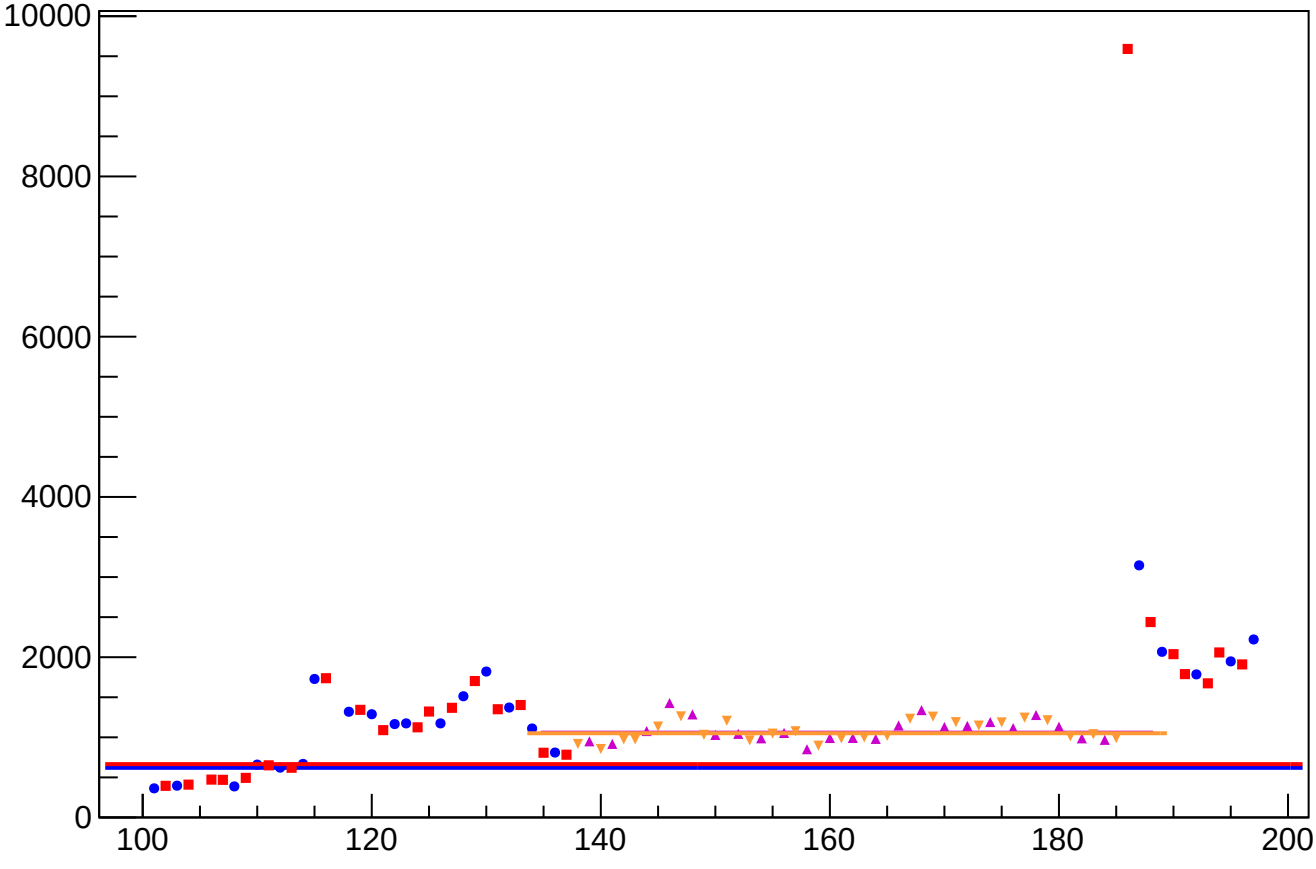
Left In: -110.879+/-254.337 χ^2/NDF:35.2/22

+ sign -201.632+/-174.129 χ^2/NDF: 51.0/46

All: -117.909+/-123.354 χ^2/NDF: 117.6/94

- sign -33.566+/-174.772 χ^2/NDF: 66.1/47

asym_sam6_rms vs Slug



Right In: 619.633+/-0.173 χ^2/NDF: 5938871.5/21

Left Out: 1050.918+/-0.175 χ^2/NDF:483477.5/24

Right Out: 665.492+/-0.170 χ^2/NDF: 7072008.3/24

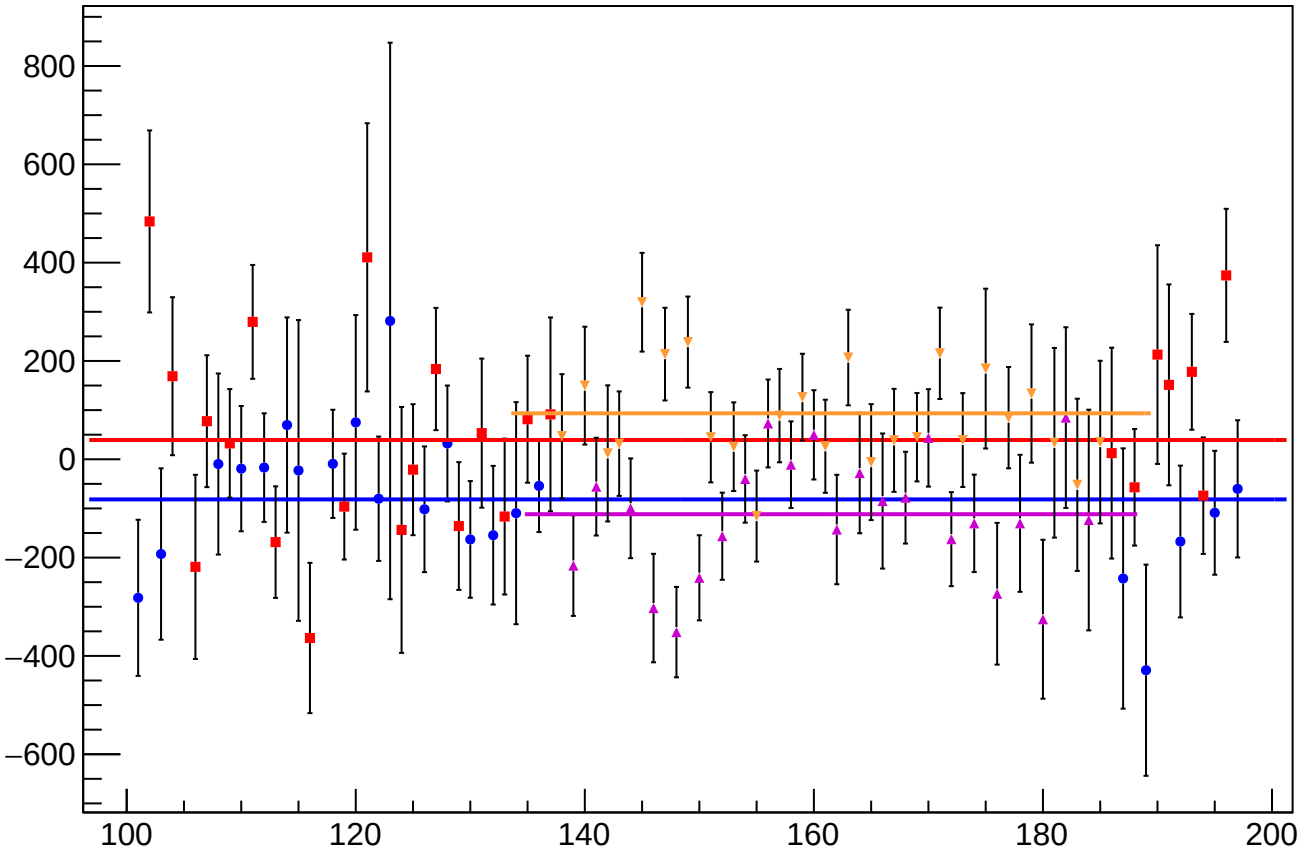
Left In: 1058.154+/-0.180 χ^2/NDF:532260.0/22

+ sign 833.508+/-0.123 χ^2/NDF: 9489453.6/46

All: 842.175+/-0.087 χ^2/NDF: 19619708.3/94

- sign 850.906+/-0.124 χ^2/NDF: 10120308.3/47

dit_asym_sam7_mean vs Slug



Right In: -81.625+/-31.218 χ^2/NDF: 9.8/21

Left Out: 93.496+/-21.284 χ^2/NDF:22.8/24

Right Out: 39.206+/-28.529 χ^2/NDF: 41.5/24

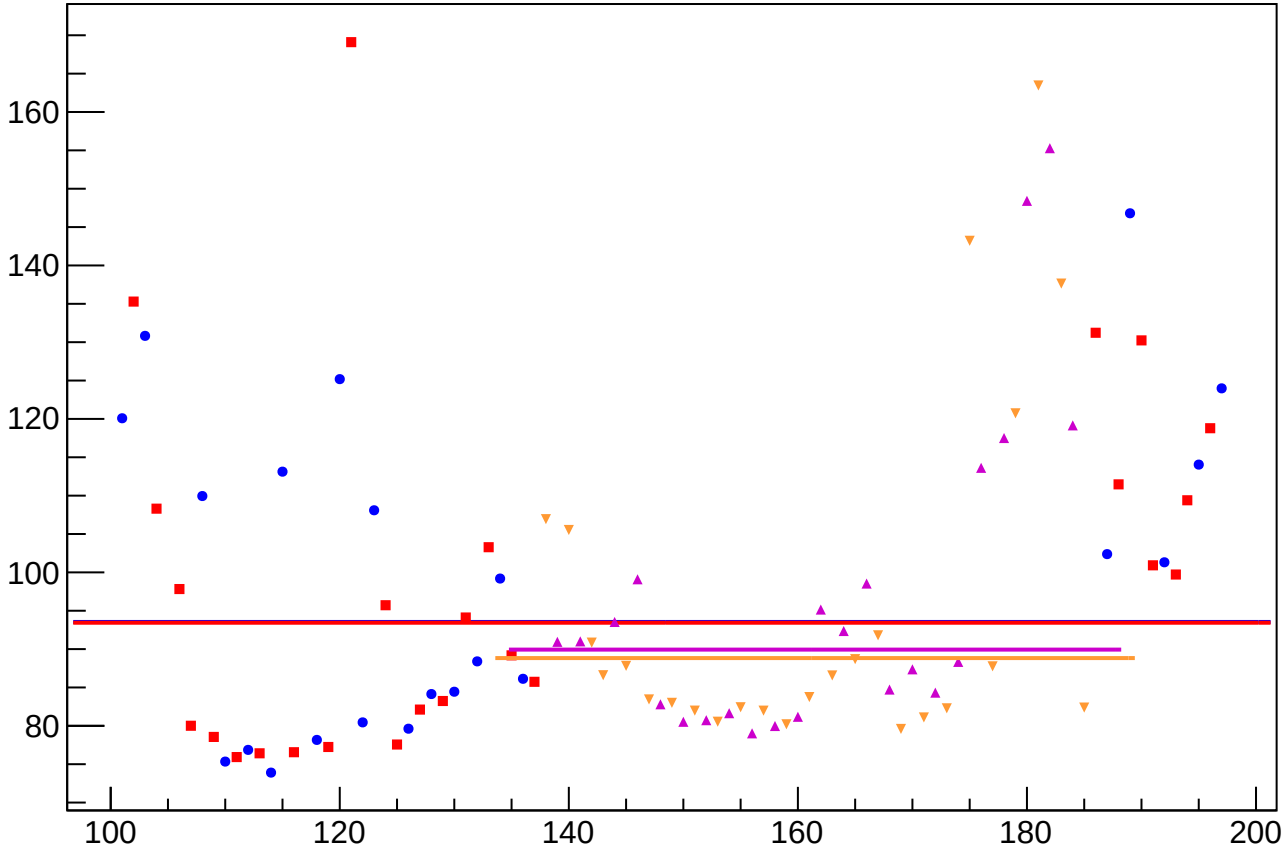
Left In: -111.732+/-21.971 χ^2/NDF:30.7/22

+ sign 37.924+/-17.586 χ^2/NDF: 54.0/46

All: -9.285+/-12.371 χ^2/NDF: 158.0/94

- sign -55.540+/-17.407 χ^2/NDF: 89.8/47

dit_asym_sam7_rms vs Slug



Right In: 93.537+/-0.022 χ^2/NDF: 720677.7/21

Left Out: 88.830+/-0.015 χ^2/NDF:1000651.2/24

Right Out: 93.438+/-0.020 χ^2/NDF: 839285.5/24

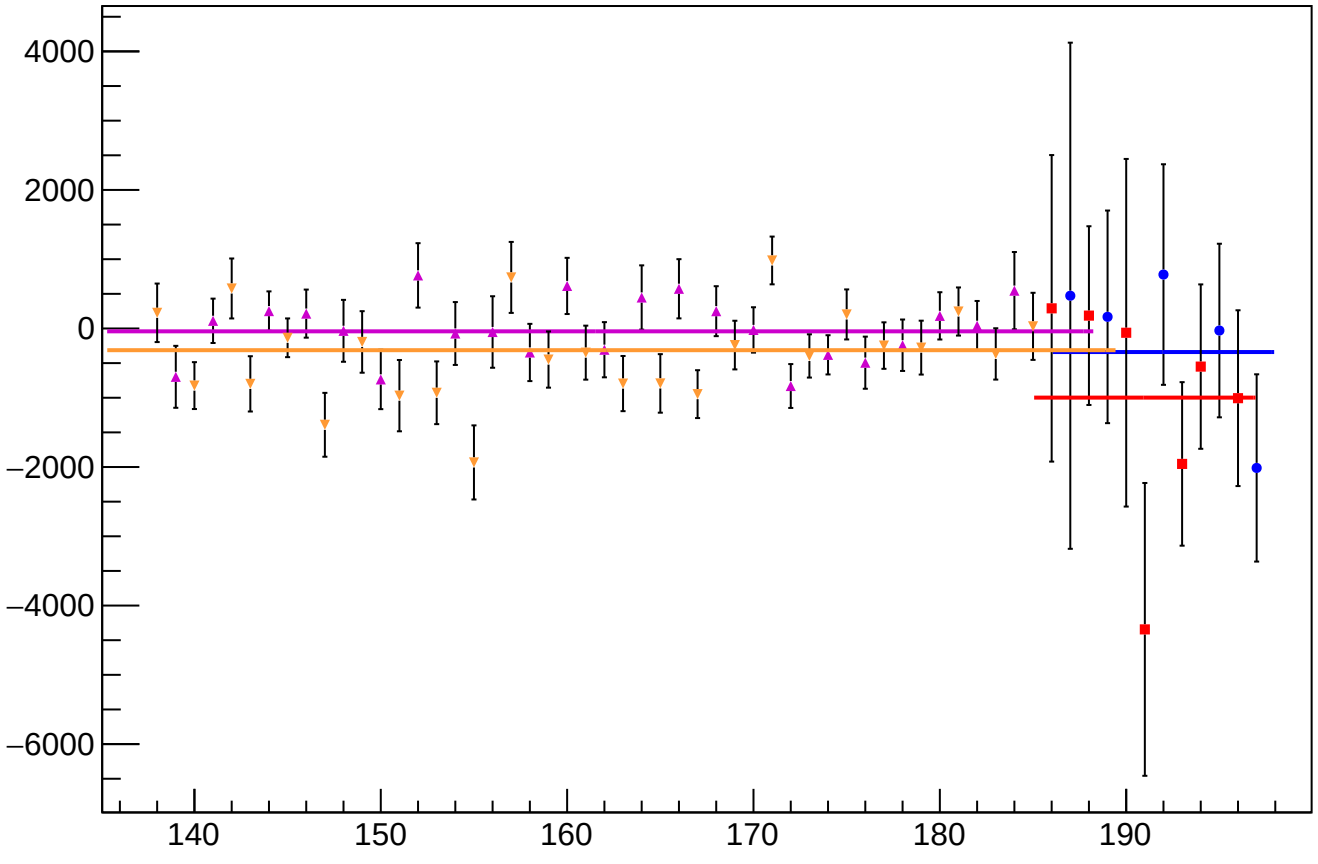
Left In: 89.934+/-0.016 χ^2/NDF:874129.5/22

+ sign 90.323+/-0.012 χ^2/NDF: 1752369.7/46

All: 90.786+/-0.009 χ^2/NDF: 3487461.8/94

- sign 91.239+/-0.012 χ^2/NDF: 1732356.3/47

asym_sam7_correction_mean vs Slug



Right In: -340.152+/-693.674 χ^2/NDF: 2.2/4

Left Out: -313.446+/-77.334 χ^2/NDF:58.1/24

Right Out: -998.010+/-555.829 χ^2/NDF: 4.6/6

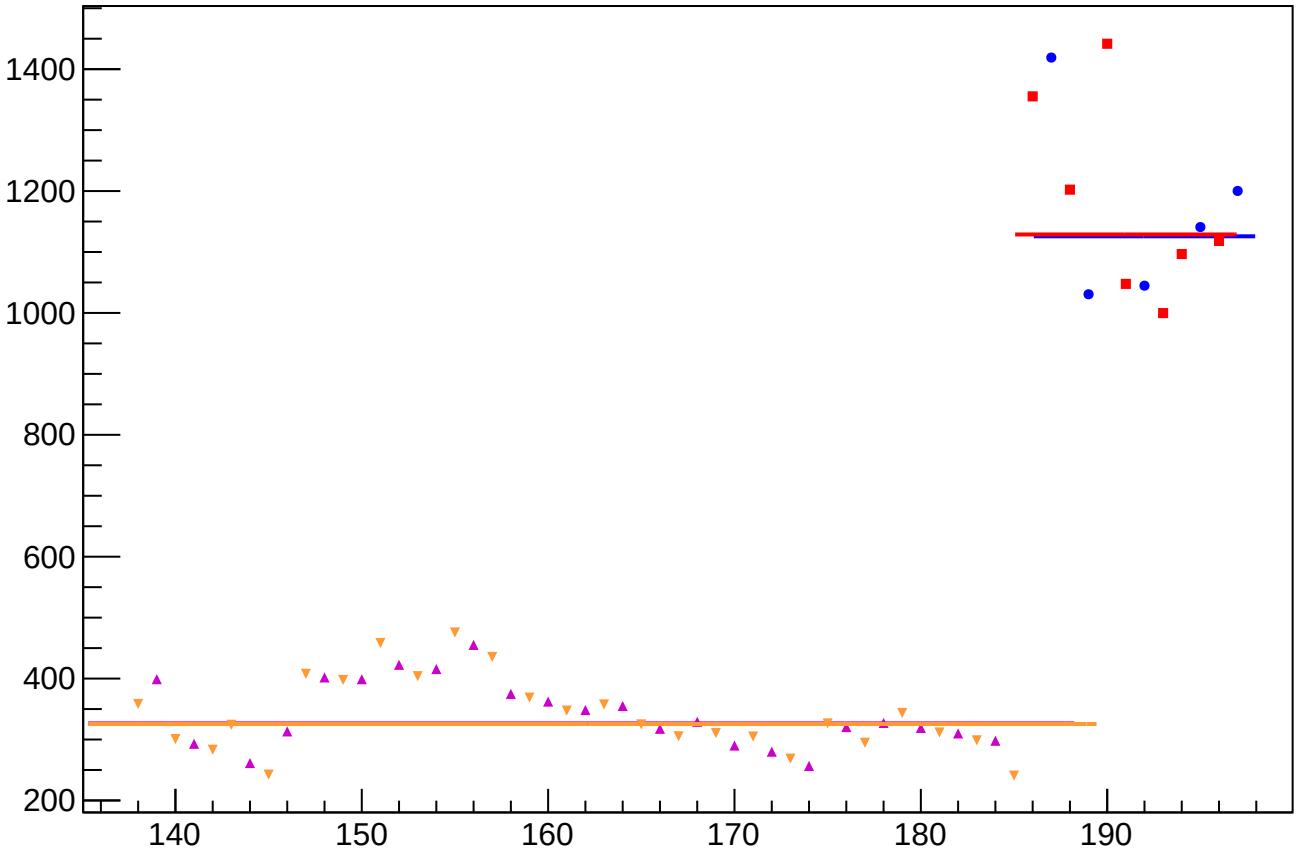
Left In: -41.244+/-78.858 χ^2/NDF:28.0/22

+ sign -313.774+/-76.858 χ^2/NDF: 60.3/29

All: -188.941+/-54.772 χ^2/NDF: 101.3/59

- sign -60.122+/-78.076 χ^2/NDF: 35.5/29

asym_sam7_correction_rms vs Slug



Right In: 1125.751+/-0.491 χ^2/NDF: 32108.5/4

Left Out: 325.432+/-0.055 χ^2/NDF:1000974.7/24

Right Out: 1128.775+/-0.393 χ^2/NDF: 87026.1/6

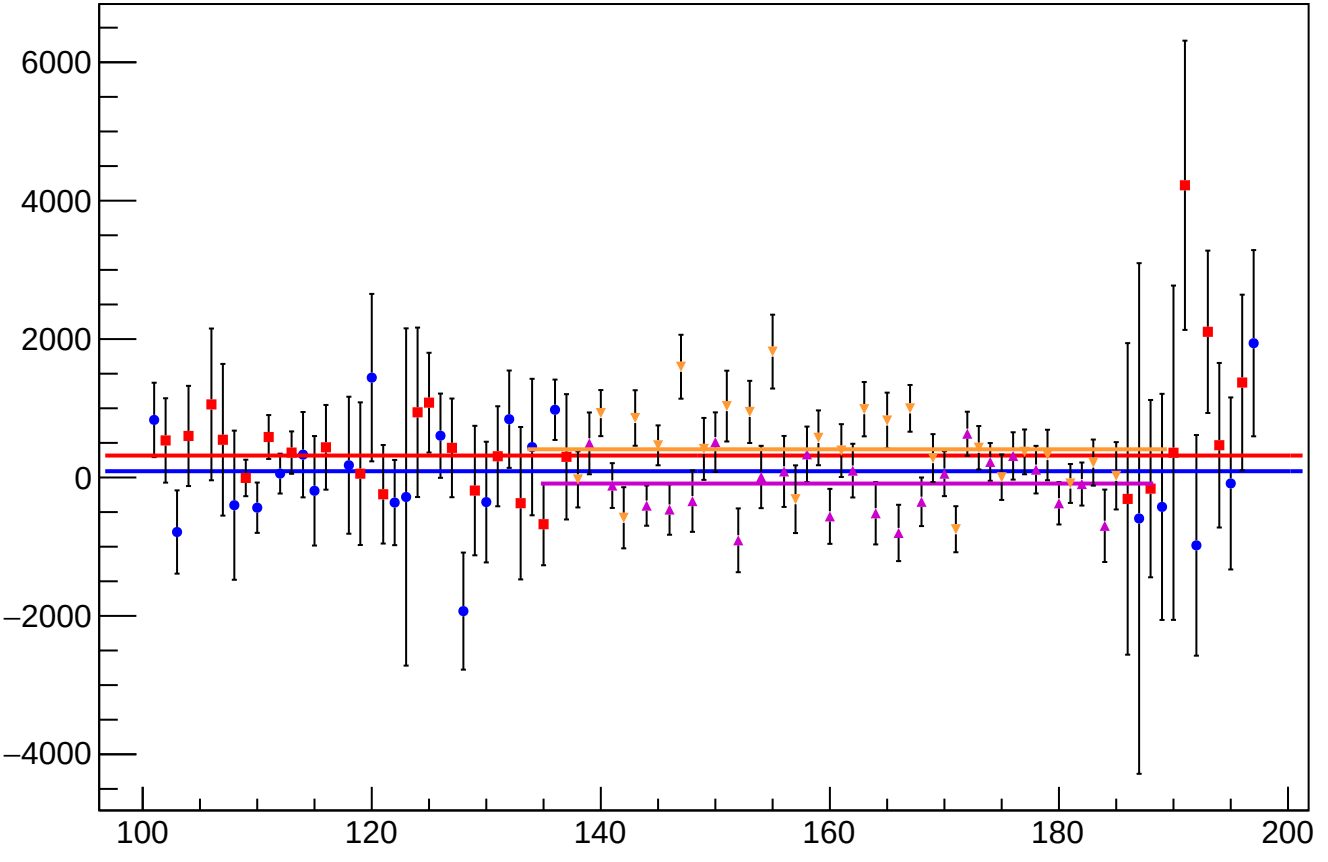
Left In: 326.516+/-0.056 χ^2/NDF:841153.2/22

+ sign 335.257+/-0.054 χ^2/NDF: 3662625.5/29

All: 338.746+/-0.039 χ^2/NDF: 8683505.9/59

- sign 342.346+/-0.055 χ^2/NDF: 5012507.2/29

asym_sam7_mean vs Slug



Right In: 90.735+/-139.730 χ^2/NDF: 23.1/21

Left Out: 407.375+/-74.730 χ^2/NDF:53.0/24

Right Out: 317.181+/-126.365 χ^2/NDF: 15.4/24

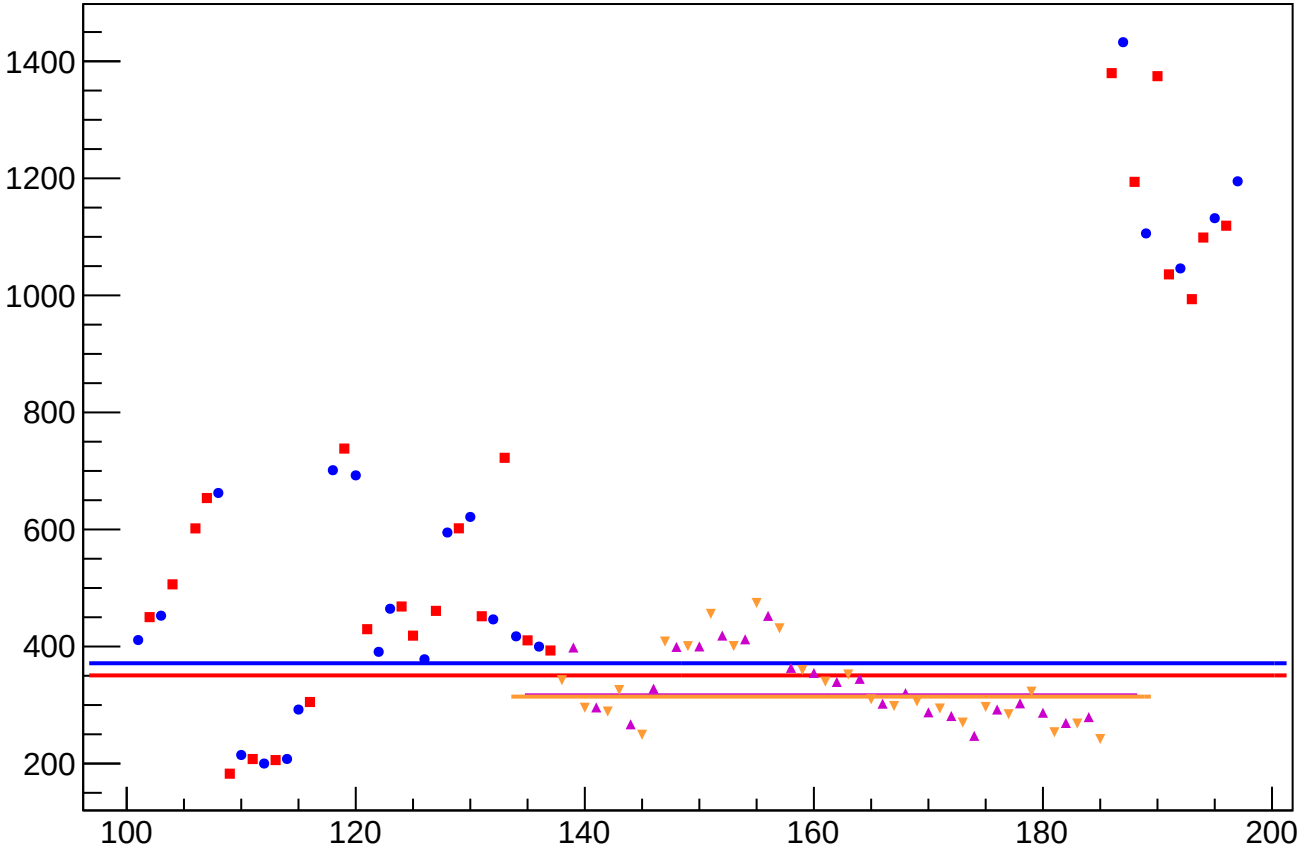
Left In: -87.657+/-76.572 χ^2/NDF:27.4/22

+ sign 336.950+/-65.898 χ^2/NDF: 80.1/46

All: 178.021+/-46.451 χ^2/NDF: 141.9/94

- sign 21.070+/-65.487 χ^2/NDF: 50.3/47

asym_sam7_rms vs Slug



Right In: 371.391+/-0.099 χ^2/NDF: 4567741.9/21

Left Out: 314.405+/-0.053 χ^2/NDF:1112244.9/24

Right Out: 350.638+/-0.089 χ^2/NDF: 6891938.8/24

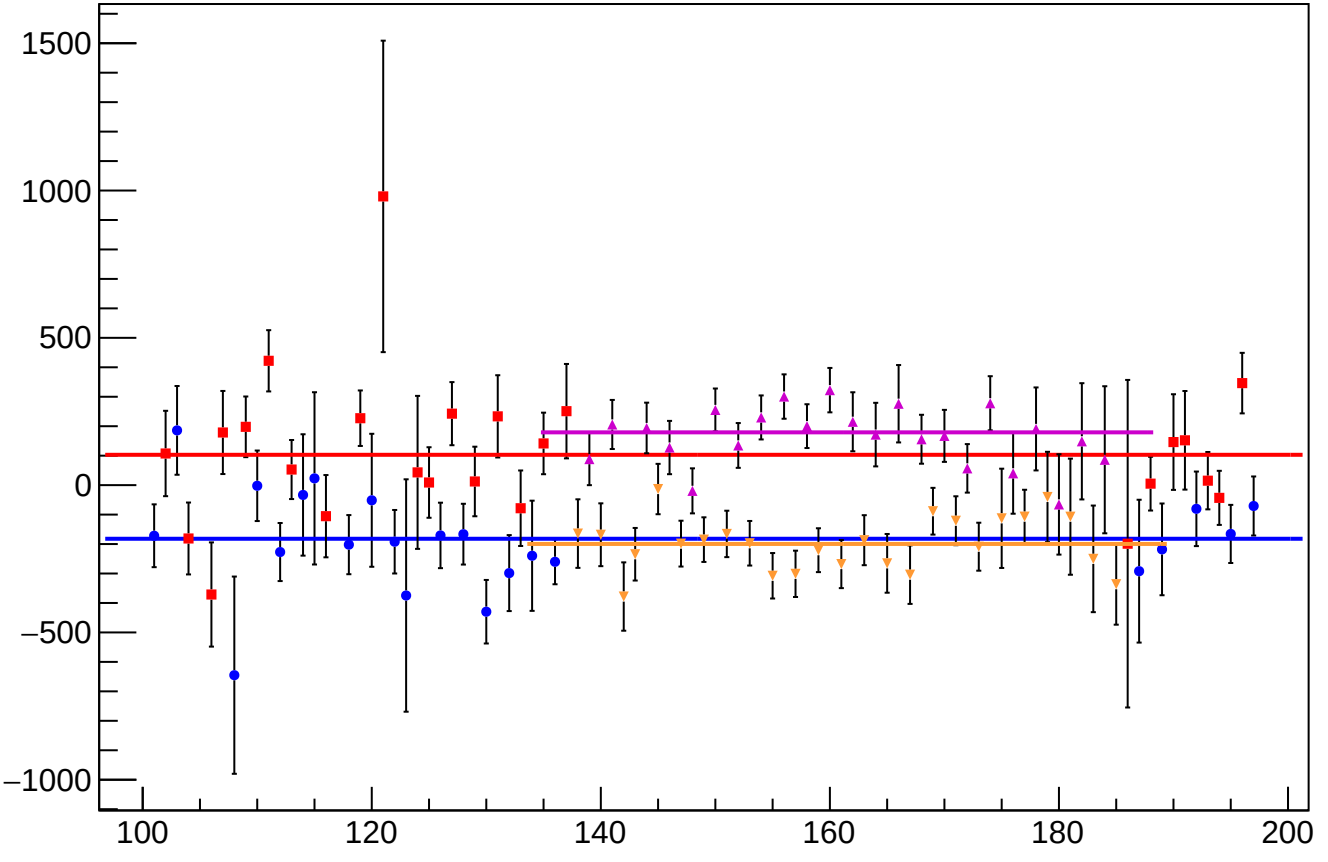
Left In: 316.616+/-0.054 χ^2/NDF:929652.0/22

+ sign 327.079+/-0.047 χ^2/NDF: 5938651.6/46

All: 326.412+/-0.033 χ^2/NDF: 13866686.9/94

- sign 325.753+/-0.046 χ^2/NDF: 7927628.0/47

dit_asym_sam8_mean vs Slug



Right In: -182.045+/-26.677 χ^2/NDF: 21.4/21

Left Out: -199.640+/-18.452 χ^2/NDF:20.2/24

Right Out: 102.964+/-24.595 χ^2/NDF: 47.5/24

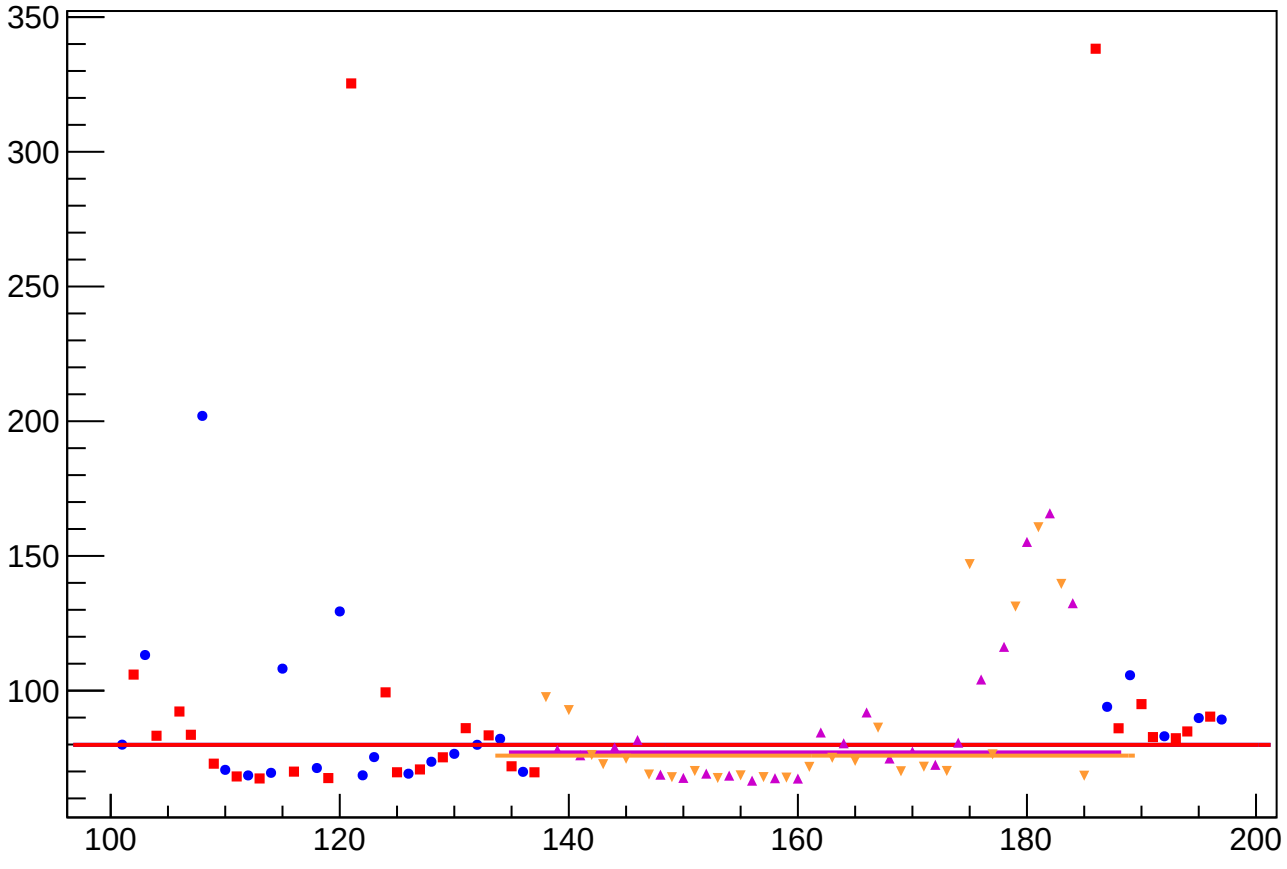
Left In: 179.154+/-19.112 χ^2/NDF:23.9/22

+ sign -193.946+/-15.175 χ^2/NDF: 41.9/46

All: -20.781+/-10.701 χ^2/NDF: 378.2/94

- sign 150.470+/-15.091 χ^2/NDF: 77.4/47

dit_asym_sam8_rms vs Slug



Right In: 79.889+/-0.019 χ^2/NDF: 723390.9/21

Left Out: 75.883+/-0.013 χ^2/NDF:1552500.3/24

Right Out: 79.878+/-0.017 χ^2/NDF: 1174255.7/24

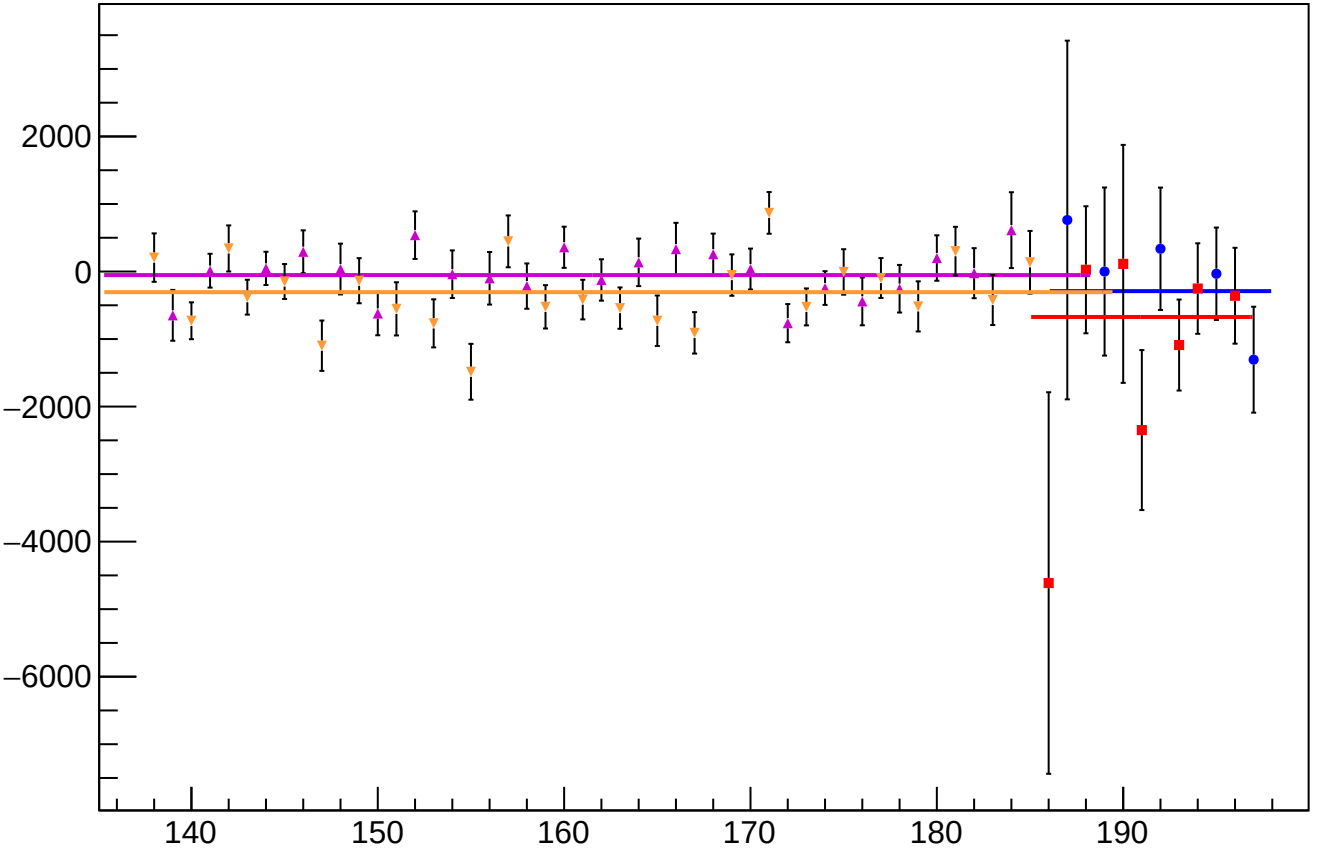
Left In: 77.080+/-0.014 χ^2/NDF:1422981.1/22

+ sign 77.179+/-0.011 χ^2/NDF: 2306394.9/46

All: 77.659+/-0.008 χ^2/NDF: 4923747.4/94

- sign 78.133+/-0.011 χ^2/NDF: 2613381.1/47

asym_sam8_correction_mean vs Slug



Right In: -290.407+/-416.389 χ^2/NDF: 2.5/4

Left Out: -305.659+/-65.327 χ^2/NDF:54.9/24

Right Out: -672.911+/-338.955 χ^2/NDF: 5.7/6

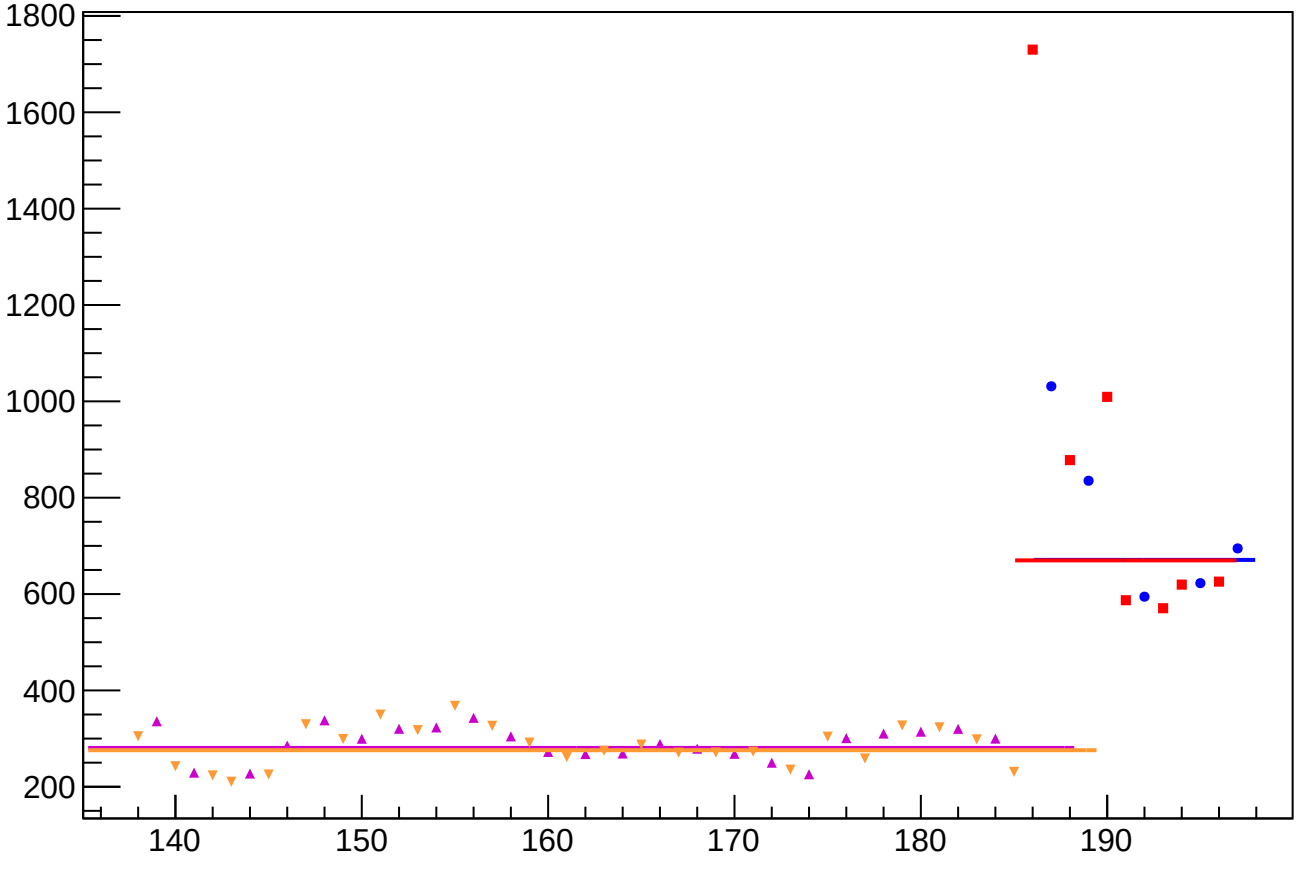
Left In: -52.759+/-67.539 χ^2/NDF:24.9/22

+ sign -305.293+/-64.537 χ^2/NDF: 57.4/29

All: -193.841+/-46.224 χ^2/NDF: 97.3/59

- sign -76.441+/-66.237 χ^2/NDF: 33.7/29

asym_sam8_correction_rms vs Slug



Right In: 670.894+/-0.294 χ^2/NDF: 97692.6/4

Left Out: 275.901+/-0.046 χ^2/NDF:753109.6/24

Right Out: 669.917+/-0.240 χ^2/NDF: 526002.6/6

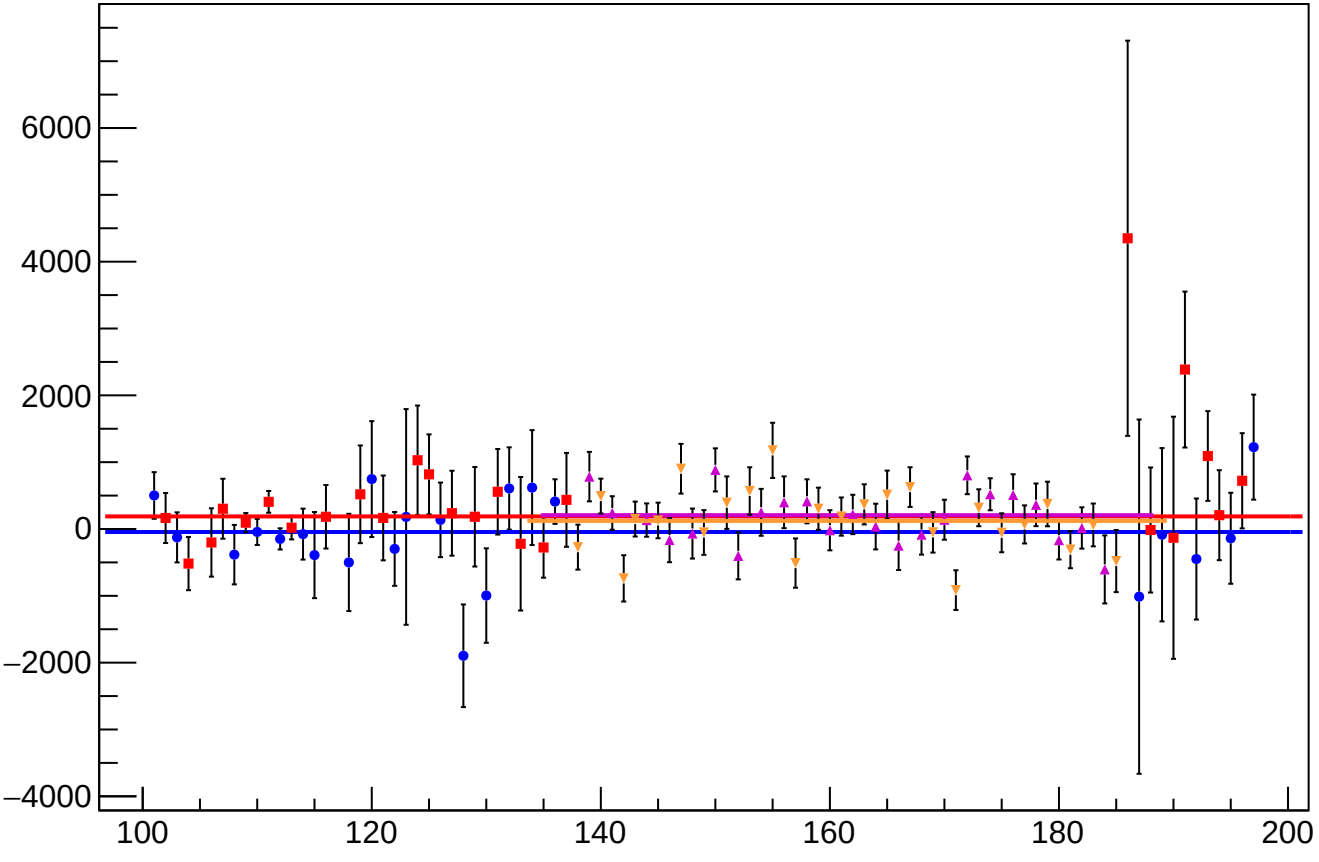
Left In: 280.628+/-0.048 χ^2/NDF:587415.9/22

+ sign 285.390+/-0.046 χ^2/NDF: 2607311.3/29

All: 290.311+/-0.033 χ^2/NDF: 6281952.9/59

- sign 295.494+/-0.047 χ^2/NDF: 3650764.7/29

asym_sam8_mean vs Slug



Right In: -45.127+/-88.312 χ^2/NDF: 19.5/21

Left Out: 121.185+/-62.911 χ^2/NDF:49.0/24

Right Out: 188.099+/-75.135 χ^2/NDF: 19.0/24

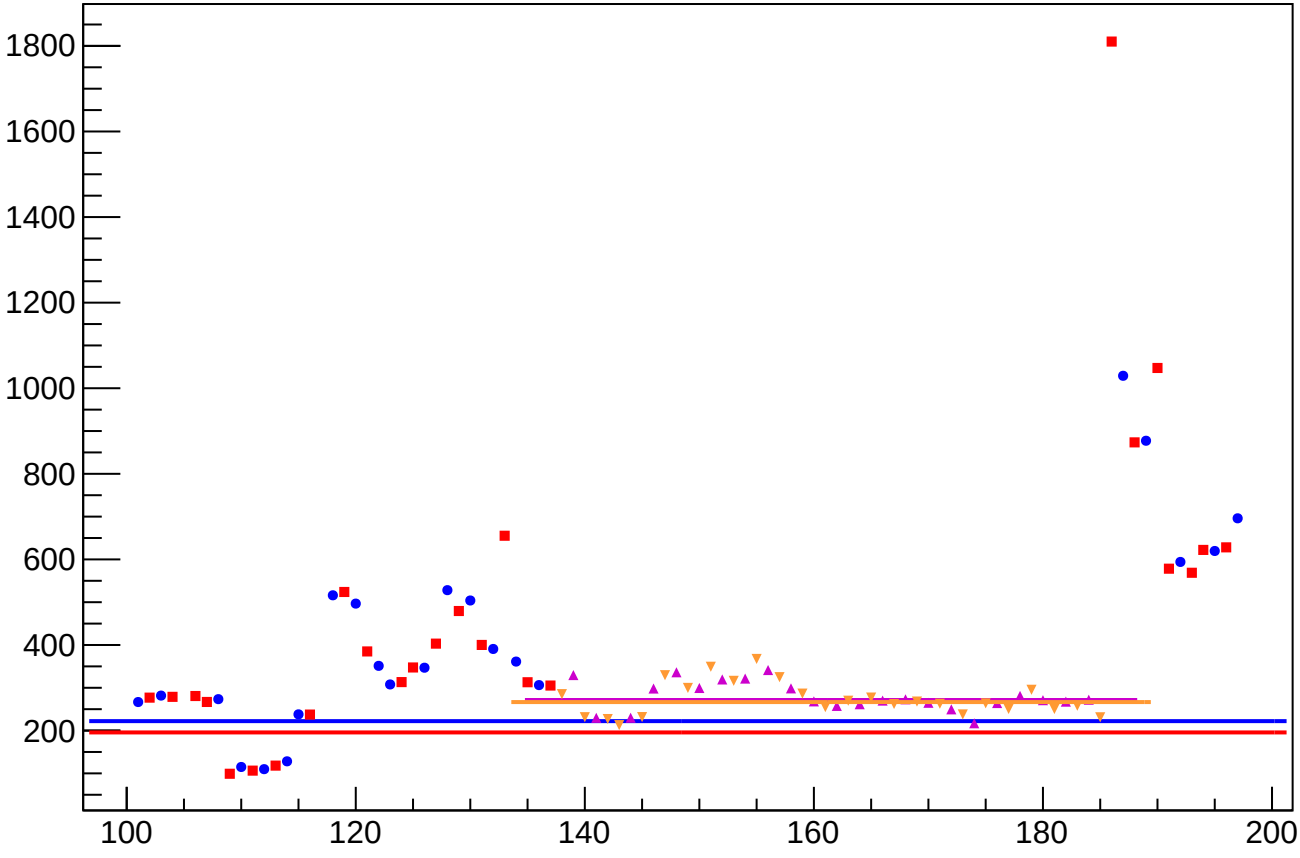
Left In: 207.047+/-65.246 χ^2/NDF:27.8/22

+ sign 65.198+/-51.239 χ^2/NDF: 70.9/46

All: 134.676+/-35.513 χ^2/NDF: 121.2/94

- sign 198.901+/-49.264 χ^2/NDF: 46.8/47

asym_sam8_rms vs Slug



Right In: 222.068+/-0.062 χ^2/NDF: 5989193.6/21

Left Out: 266.618+/-0.044 χ^2/NDF:639230.8/24

Right Out: 195.652+/-0.053 χ^2/NDF: 8722888.3/24

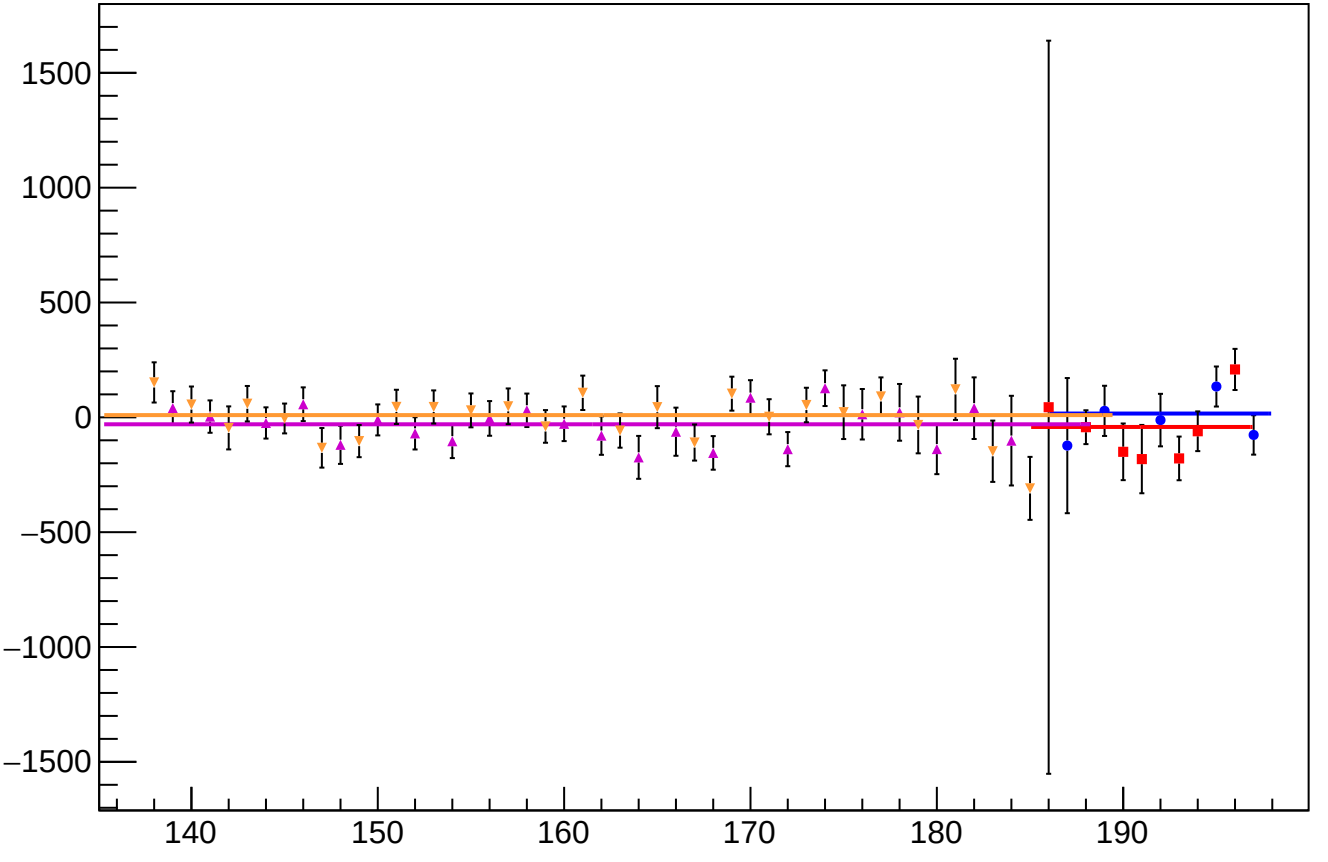
Left In: 271.451+/-0.046 χ^2/NDF:530897.8/22

+ sign 251.620+/-0.036 χ^2/NDF: 6966045.9/46

All: 244.992+/-0.025 χ^2/NDF: 17444663.8/94

- sign 238.864+/-0.035 χ^2/NDF: 10414206.3/47

dit_asym_sam_15_avg_mean vs Slug



Right In: 16.528+/-47.701 χ^2/NDF: 3.3/4

Left Out: 9.762+/-16.463 χ^2/NDF:25.9/24

Right Out: -41.891+/-38.791 χ^2/NDF: 11.6/6

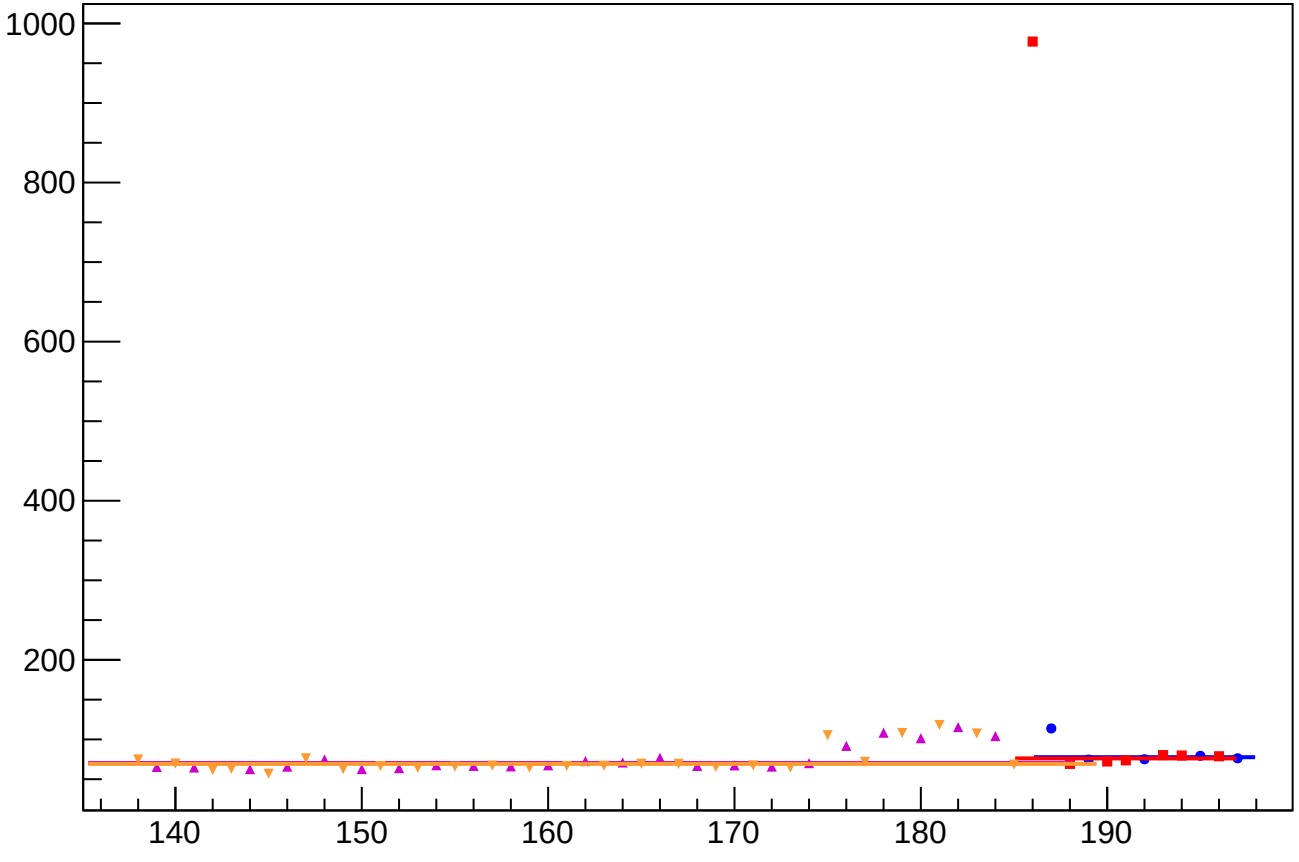
Left In: -30.236+/-17.031 χ^2/NDF:21.9/22

+ sign 10.482+/-15.562 χ^2/NDF: 29.2/29

All: -10.776+/-11.015 χ^2/NDF: 66.6/59

- sign -32.119+/-15.594 χ^2/NDF: 33.6/29

dit_asym_sam_15_avg_rms vs Slug



Right In: 77.637+/-0.034 χ^2/NDF: 34037.1/4

Left Out: 69.234+/-0.012 χ^2/NDF:1005922.1/24

Right Out: 76.126+/-0.027 χ^2/NDF: 666620.2/6

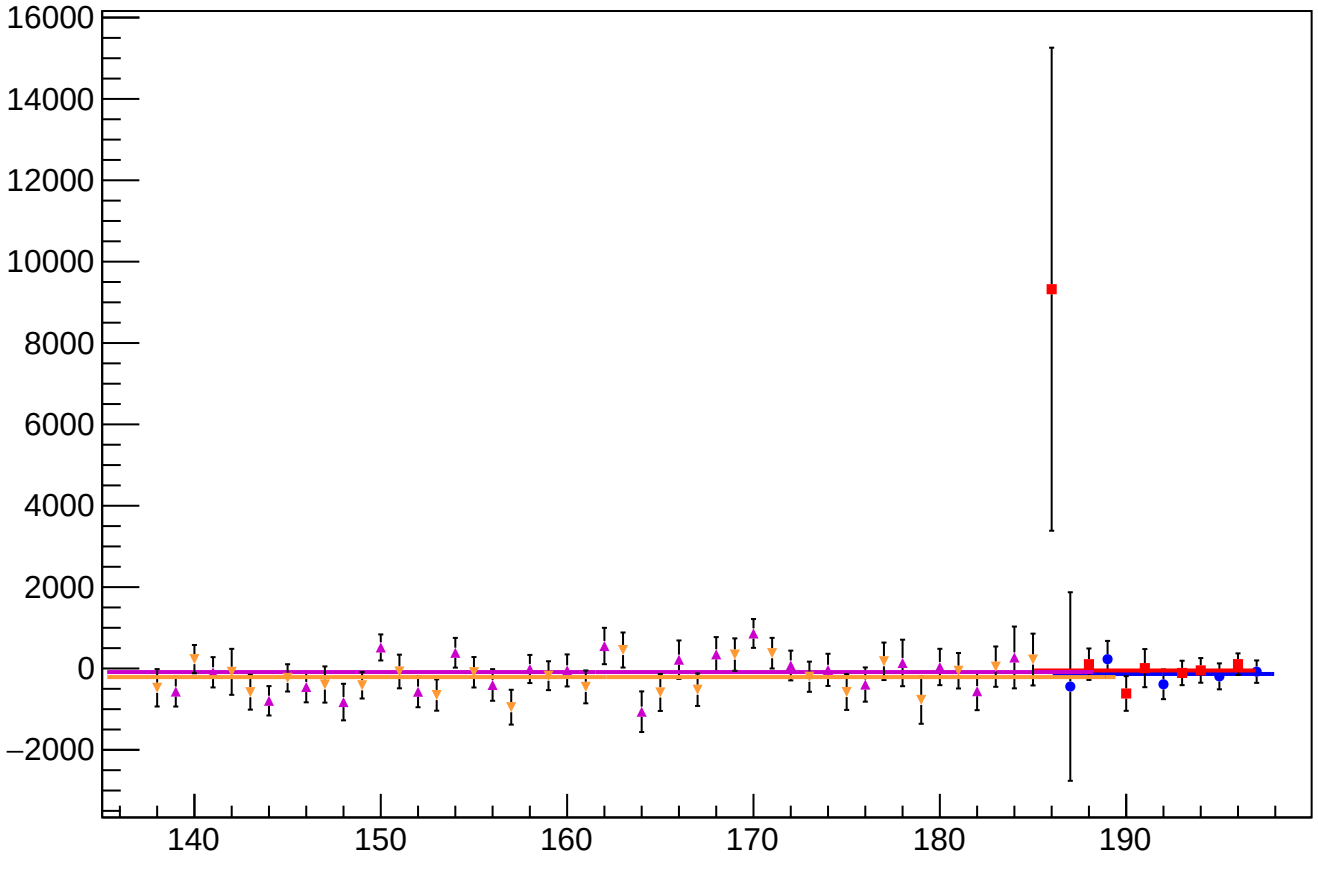
Left In: 70.322+/-0.012 χ^2/NDF:862105.7/22

+ sign 70.128+/-0.011 χ^2/NDF: 1095424.2/29

All: 70.693+/-0.008 χ^2/NDF: 2666959.6/59

- sign 71.260+/-0.011 χ^2/NDF: 1566256.0/29

asym_sam_15_avg_correction_mean vs Slug



Right In: -134.606+/-167.566 χ^2/NDF: 1.2/4

Left Out: -211.526+/-82.780 χ^2/NDF:19.4/24

Right Out: -48.967+/-137.312 χ^2/NDF: 4.8/6

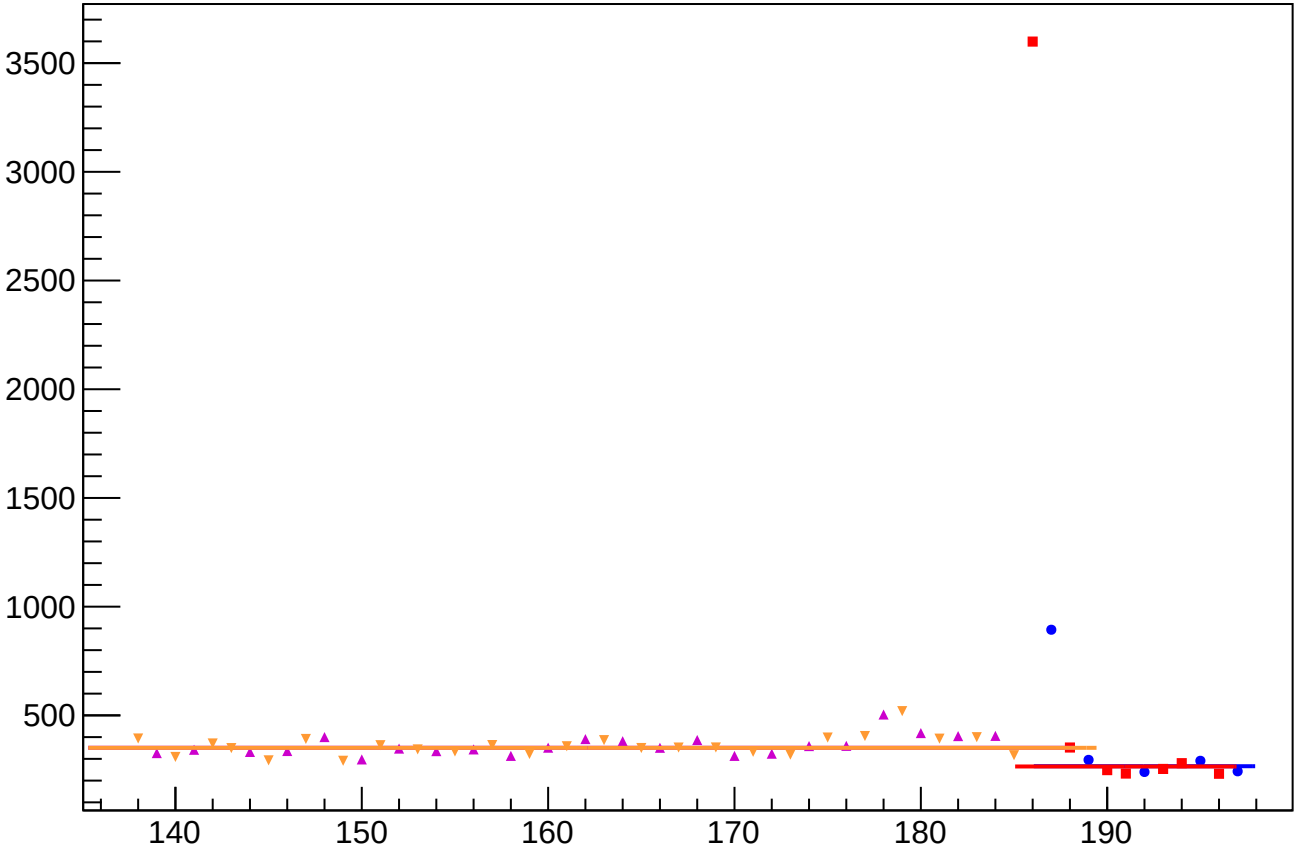
Left In: -88.062+/-84.309 χ^2/NDF:33.5/22

+ sign -196.436+/-74.217 χ^2/NDF: 20.8/29

All: -134.966+/-51.621 χ^2/NDF: 60.5/59

- sign -77.358+/-71.847 χ^2/NDF: 38.3/29

asym_sam_15_avg_correction_rms vs Slug



Right In: 266.150+/-0.118 χ^2/NDF: 192340.1/4

Left Out: 350.780+/-0.059 χ^2/NDF:506274.4/24

Right Out: 264.958+/-0.097 χ^2/NDF: 785343.9/6

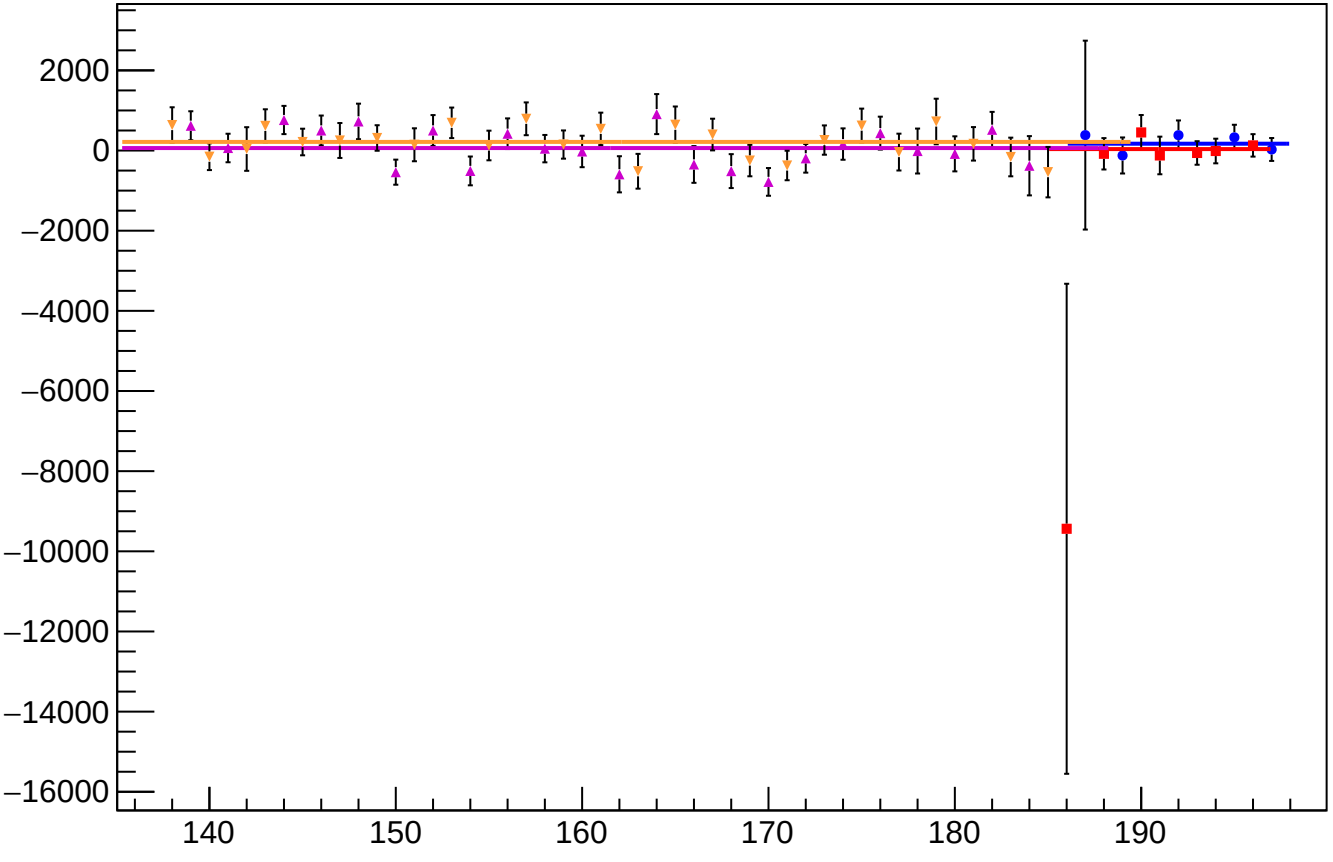
Left In: 350.944+/-0.060 χ^2/NDF:424876.4/22

+ sign 334.178+/-0.052 χ^2/NDF: 1108698.4/29

All: 330.681+/-0.037 χ^2/NDF: 2897090.0/59

- sign 327.403+/-0.051 χ^2/NDF: 1779787.6/29

asym_sam_15_avg_mean vs Slug



Right In: 170.539+/-169.256 χ^2/NDF: 1.3/4

Left Out: 215.214+/-81.235 χ^2/NDF:19.6/24

Right Out: 36.364+/-139.626 χ^2/NDF: 3.8/6

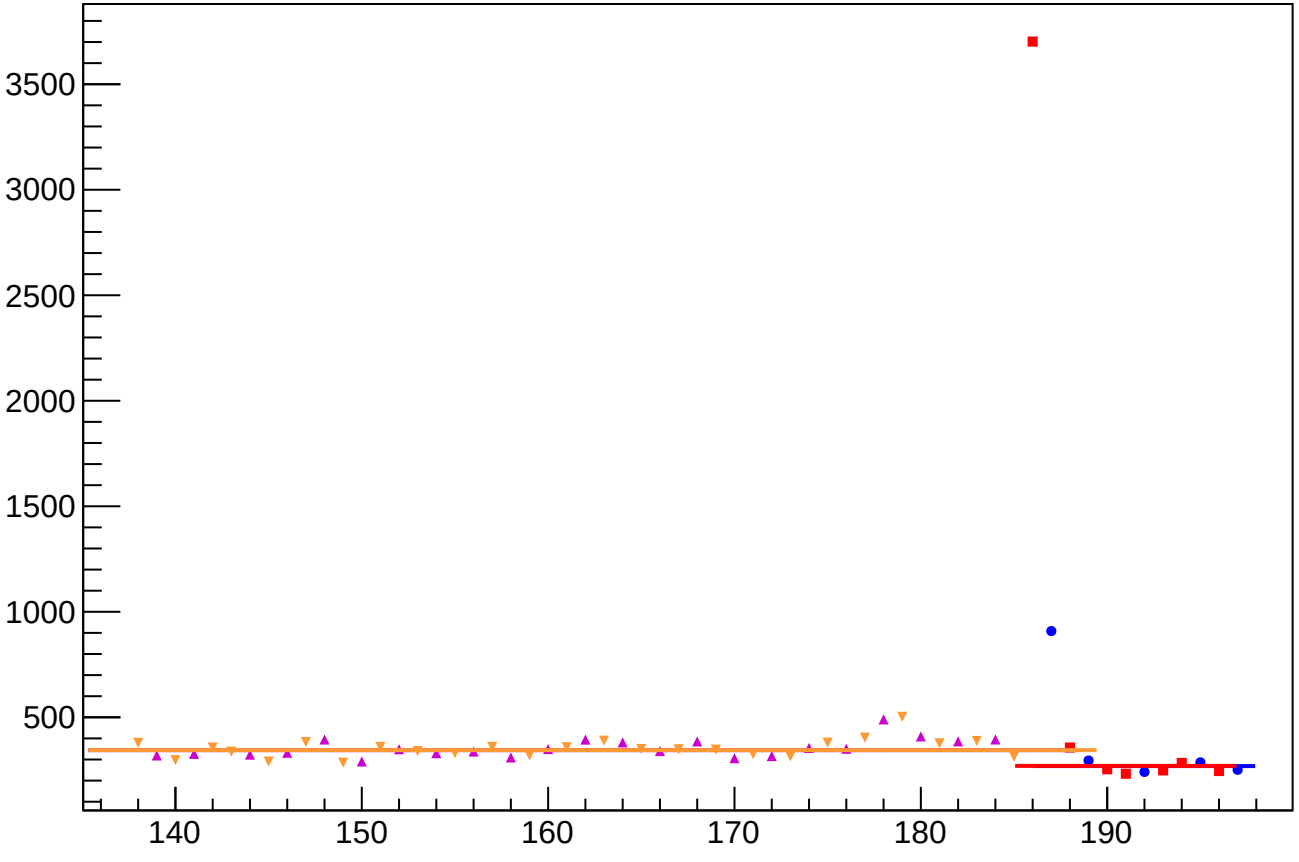
Left In: 61.730+/-82.841 χ^2/NDF:34.9/22

+ sign 206.850+/-73.236 χ^2/NDF: 20.9/29

All: 128.897+/-51.067 χ^2/NDF: 61.8/59

- sign 55.126+/-71.245 χ^2/NDF: 38.7/29

asym_sam_15_avg_rms vs Slug



Right In: 268.941+/-0.120 χ^2/NDF: 179651.6/4

Left Out: 344.439+/-0.057 χ^2/NDF:488381.9/24

Right Out: 269.731+/-0.099 χ^2/NDF: 774275.0/6

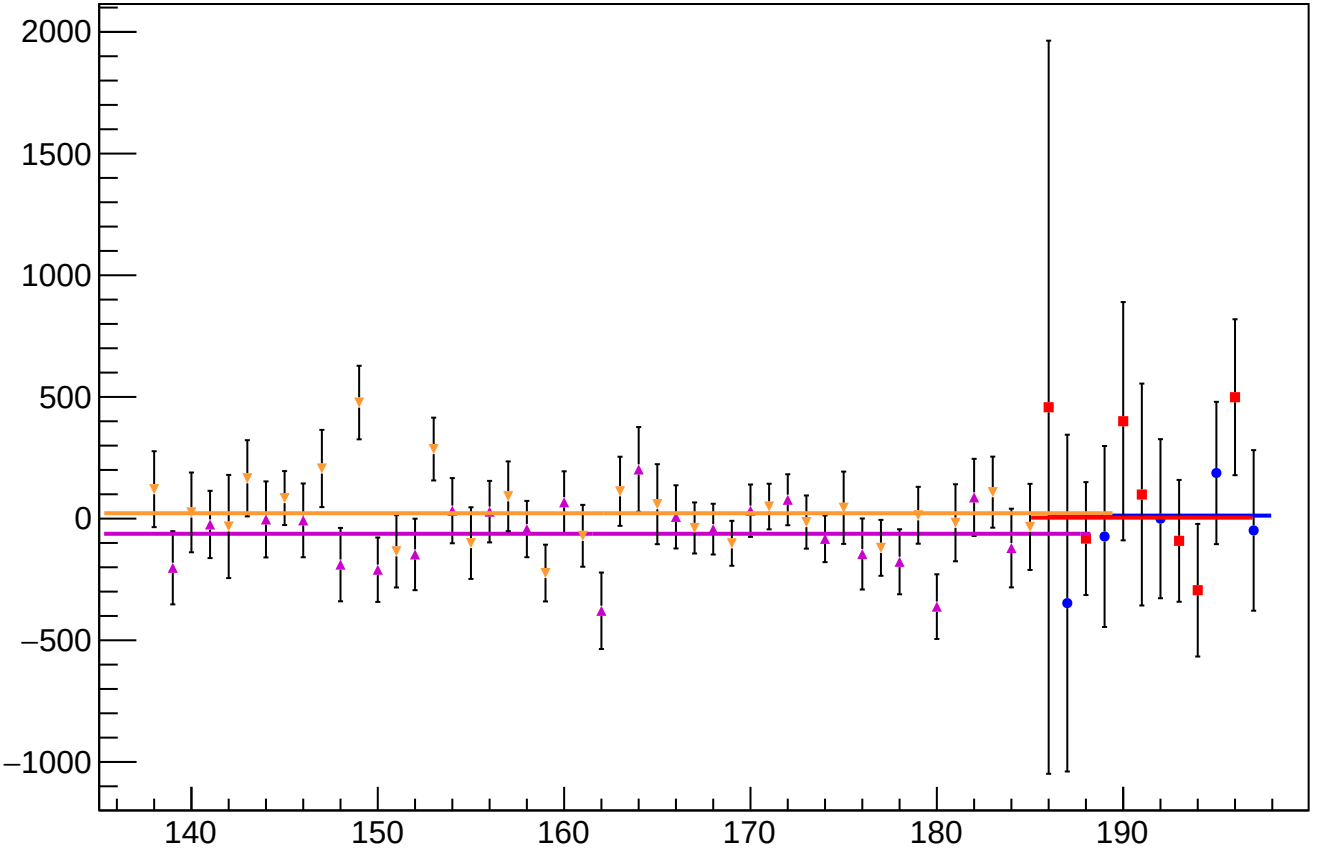
Left In: 344.475+/-0.059 χ^2/NDF:433401.7/22

+ sign 330.304+/-0.052 χ^2/NDF: 991468.3/29

All: 327.586+/-0.036 χ^2/NDF: 2628416.0/59

- sign 325.014+/-0.050 χ^2/NDF: 1631587.4/29

dit_asym_sam_26_avg_mean vs Slug



Right In: 12.305+/-158.987 χ^2/NDF: 0.7/4

Left Out: 22.164+/-26.284 χ^2/NDF:28.1/24

Right Out: 3.881+/-122.014 χ^2/NDF: 4.7/6

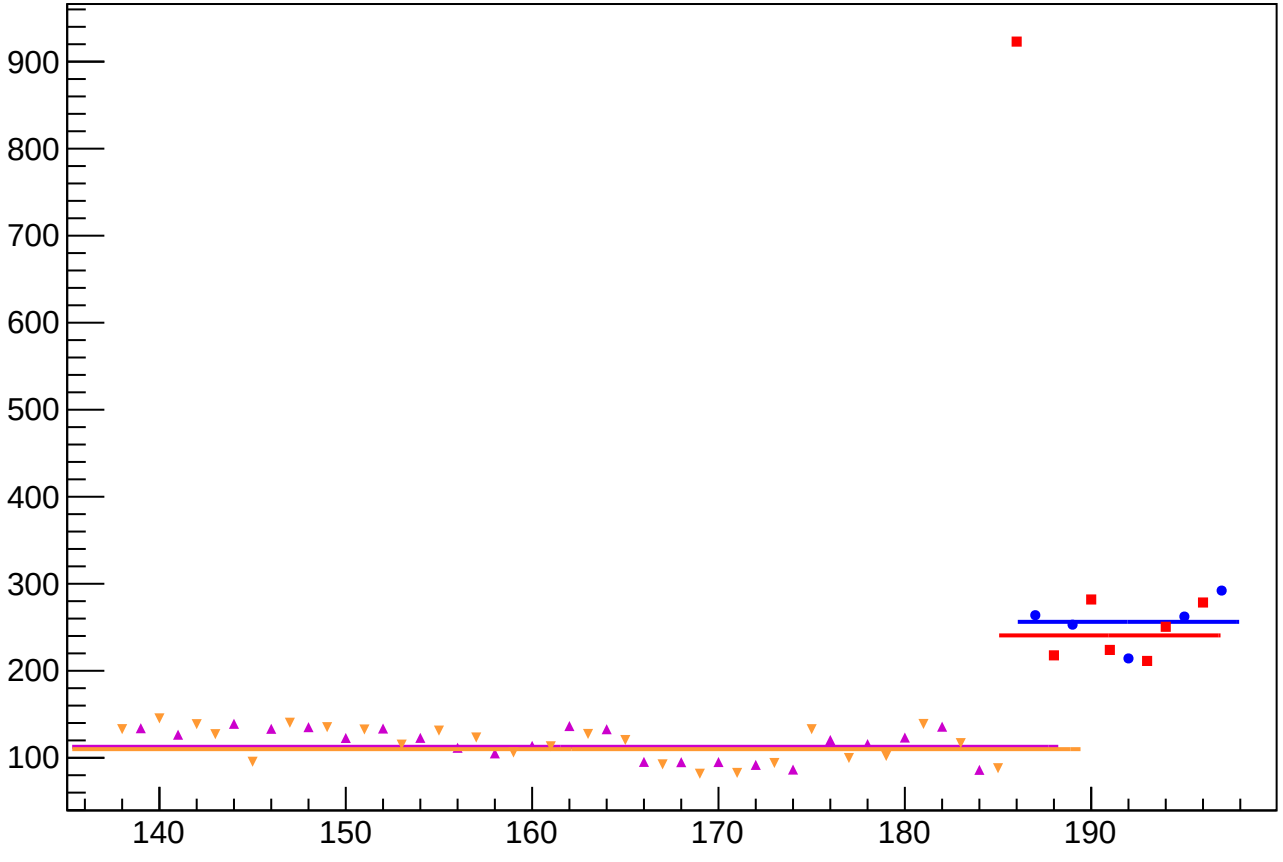
Left In: -62.310+/-27.398 χ^2/NDF:22.0/22

+ sign 21.902+/-25.932 χ^2/NDF: 28.8/29

All: -17.384+/-18.613 χ^2/NDF: 60.5/59

- sign -59.133+/-26.733 χ^2/NDF: 27.0/29

dit_asym_sam_26_avg_rms vs Slug



Right In: 256.251+/-0.112 χ^2/NDF: 58071.1/4

Left Out: 109.953+/-0.019 χ^2/NDF:1140626.9/24

Right Out: 240.661+/-0.086 χ^2/NDF: 504802.9/6

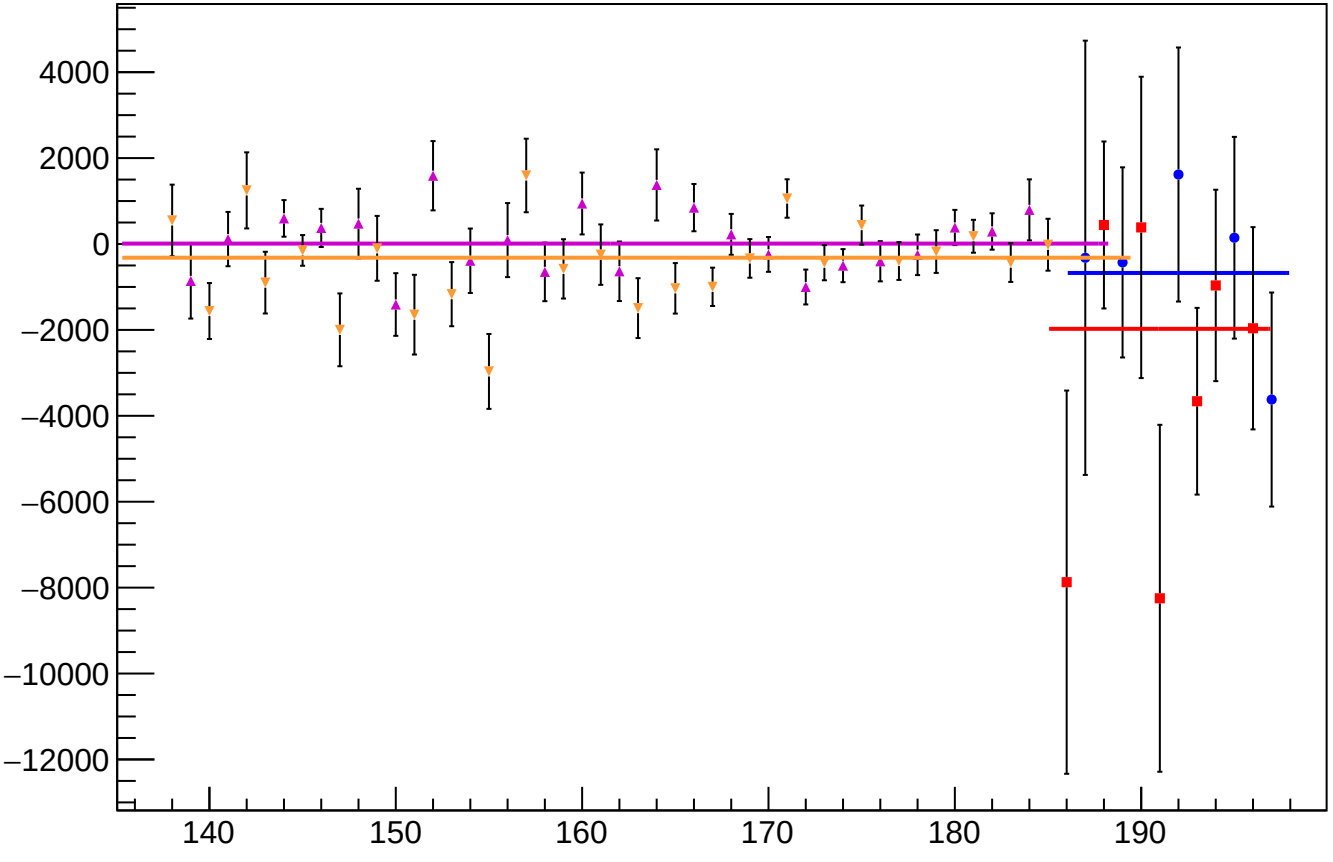
Left In: 112.657+/-0.019 χ^2/NDF:835831.1/22

+ sign 113.845+/-0.018 χ^2/NDF: 2847157.1/29

All: 116.248+/-0.013 χ^2/NDF: 6318765.3/59

- sign 118.802+/-0.019 χ^2/NDF: 3436181.8/29

asym_sam_26_avg_correction_mean vs Slug



Right In: -674.150+/-1195.219 χ^2/NDF: 2.1/4

Left Out: -319.391+/-110.306 χ^2/NDF:51.5/24

Right Out: -1974.903+/-975.423 χ^2/NDF: 7.0/6

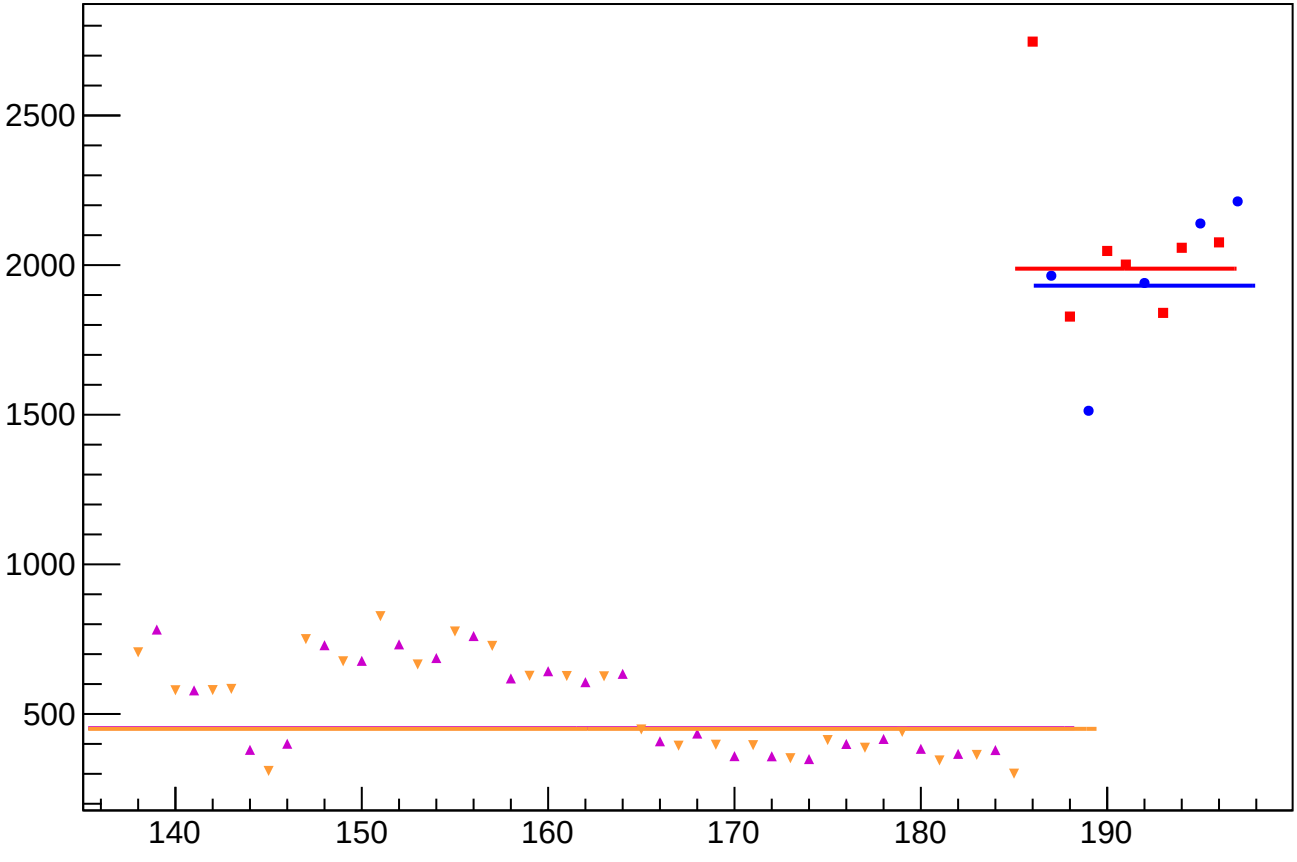
Left In: 9.462+/-112.340 χ^2/NDF:32.5/22

+ sign -322.387+/-109.839 χ^2/NDF: 53.8/29

All: -171.887+/-78.284 χ^2/NDF: 101.1/59

- sign -16.515+/-111.602 χ^2/NDF: 43.5/29

asym_sam_26_avg_correction_rms vs Slug



Right In: 1931.273+/-0.845 χ^2/NDF: 112669.0/4

Left Out: 450.363+/-0.078 χ^2/NDF:3096435.8/24

Right Out: 1988.113+/-0.690 χ^2/NDF: 86005.7/6

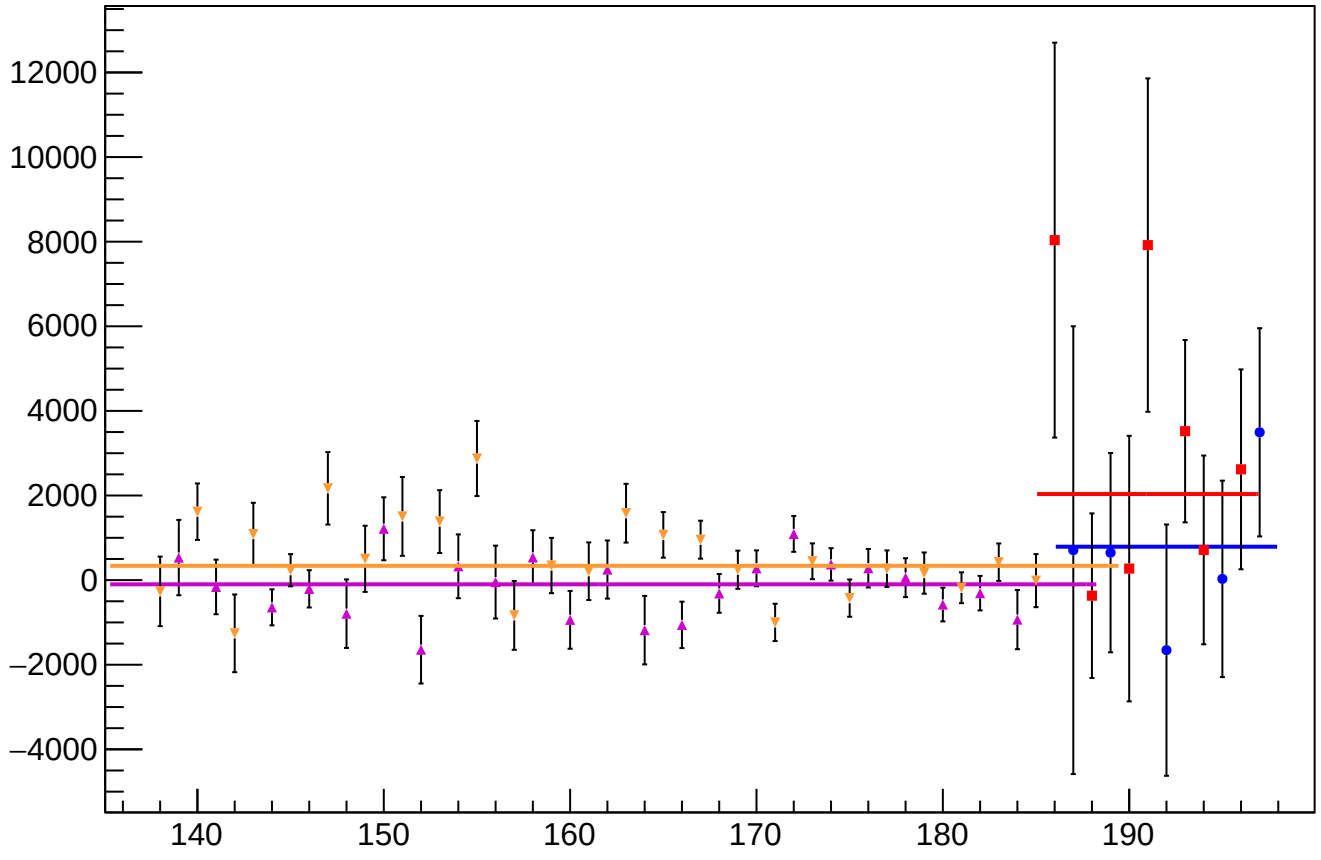
Left In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

+ sign 462.870+/-0.078 χ^2/NDF: 6253552.6/29

All: 467.753+/-0.055 χ^2/NDF: 13824369.7/59

- sign 472.794+/-0.079 χ^2/NDF: 7562783.9/29

asym_sam_26_avg_mean vs Slug



Right In: 789.606+/-1212.723 χ^2/NDF: 2.0/4

Left Out: 337.948+/-109.831 χ^2/NDF:48.6/24

Right Out: 2034.812+/-966.124 χ^2/NDF: 6.6/6

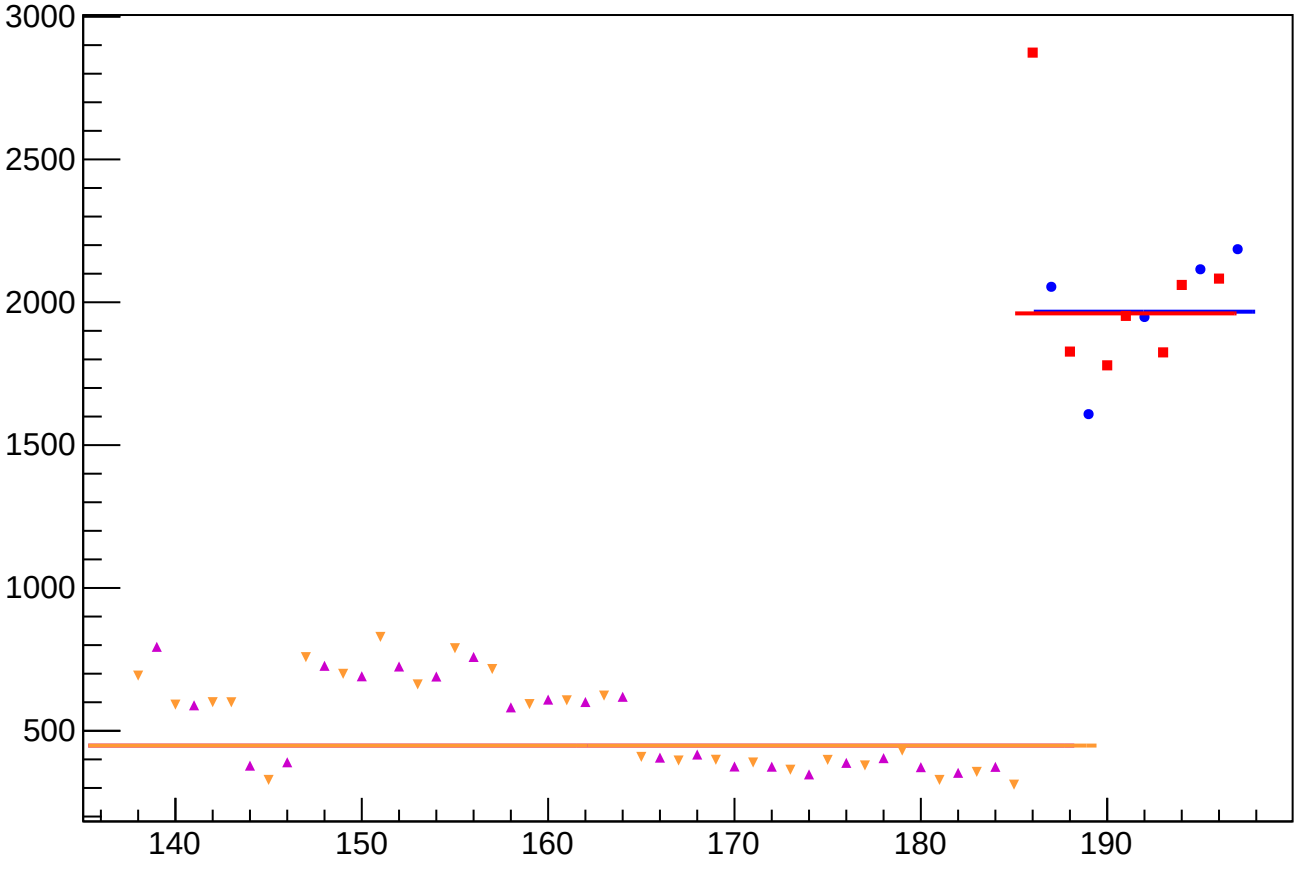
Left In: -99.475+/-111.475 χ^2/NDF:32.1/22

+ sign 341.622+/-109.383 χ^2/NDF: 50.7/29

All: 137.641+/-77.821 χ^2/NDF: 101.2/59

- sign -71.434+/-110.740 χ^2/NDF: 43.5/29

asym_sam_26_avg_rms vs Slug



Right In: 1967.044+/-0.858 χ^2/NDF: 70960.0/4

Left Out: 448.397+/-0.078 χ^2/NDF:3077183.0/24

Right Out: 1961.066+/-0.683 χ^2/NDF: 109965.9/6

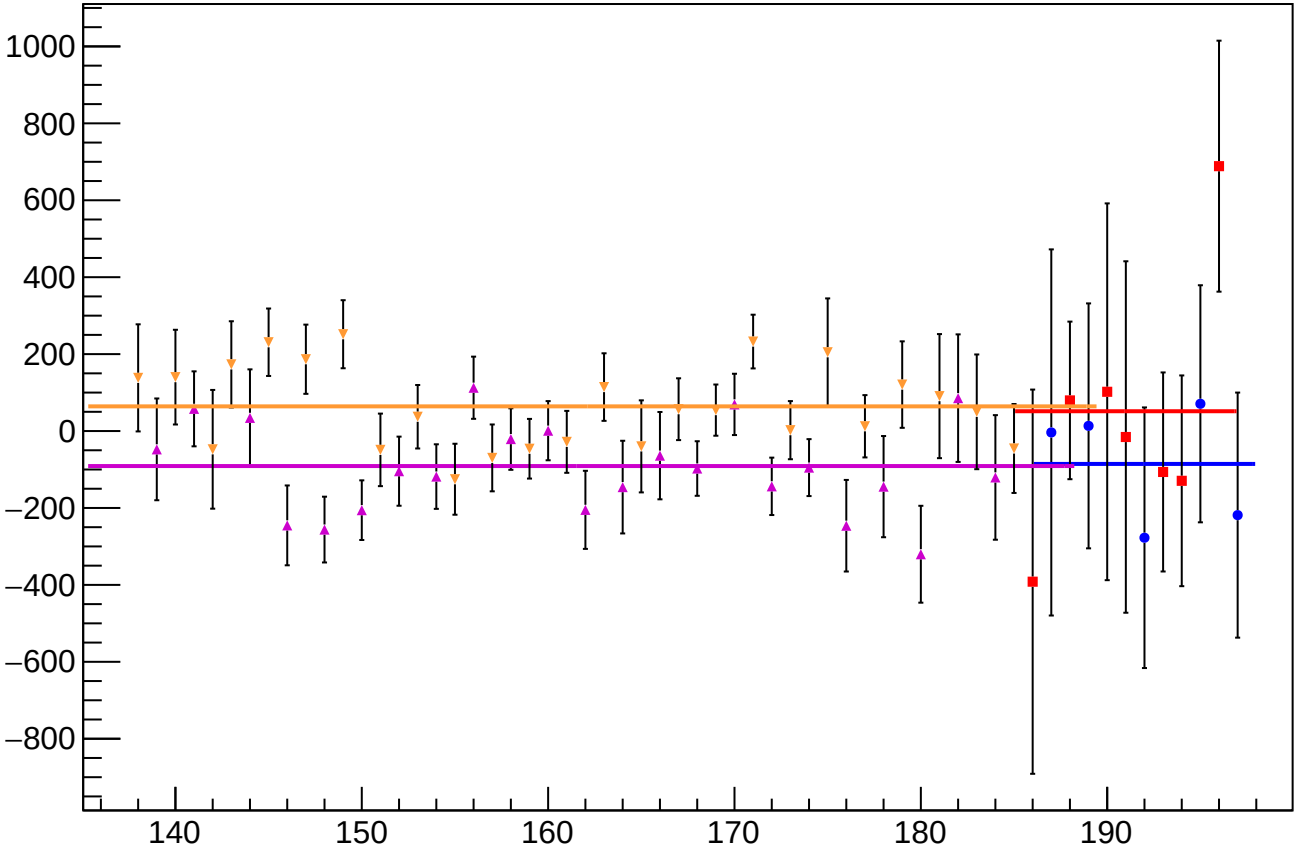
Left In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

+ sign 460.751+/-0.077 χ^2/NDF: 6258948.6/29

All: 464.388+/-0.055 χ^2/NDF: 13776331.4/59

- sign 468.115+/-0.078 χ^2/NDF: 7512907.2/29

dit_asym_sam_37_avg_mean vs Slug



Right In: -85.509+/-151.849 χ^2/NDF: 0.9/4

Left Out: 64.142+/-18.728 χ^2/NDF:33.8/24

Right Out: 51.493+/-115.898 χ^2/NDF: 5.5/6

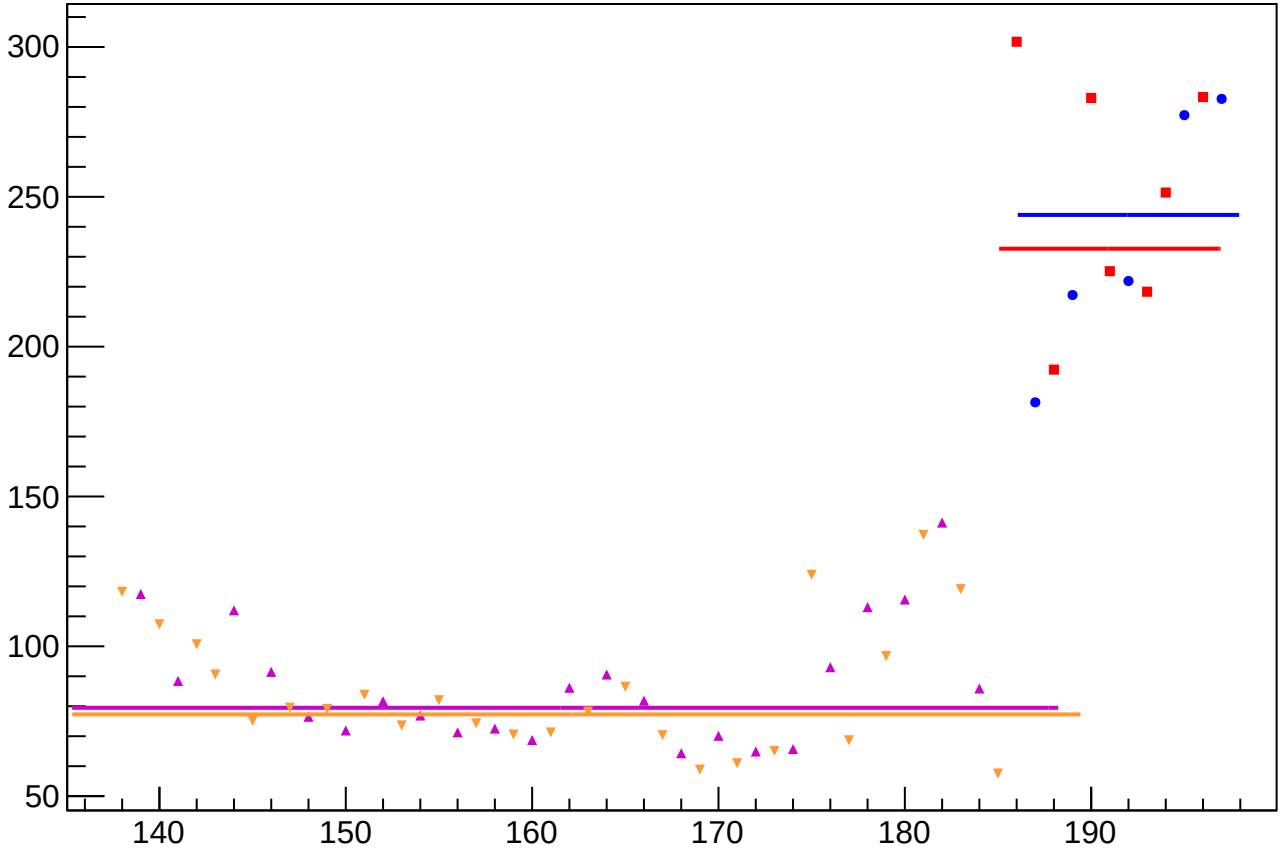
Left In: -91.028+/-19.637 χ^2/NDF:32.6/22

+ sign 61.900+/-18.587 χ^2/NDF: 35.6/29

All: -9.537+/-13.408 χ^2/NDF: 106.0/59

- sign -87.051+/-19.361 χ^2/NDF: 39.6/29

dit_asym_sam_37_avg_rms vs Slug



Right In: 243.966+/-0.107 χ^2/NDF: 109998.0/4

Left Out: 77.280+/-0.013 χ^2/NDF:1553410.1/24

Right Out: 232.683+/-0.082 χ^2/NDF: 201121.2/6

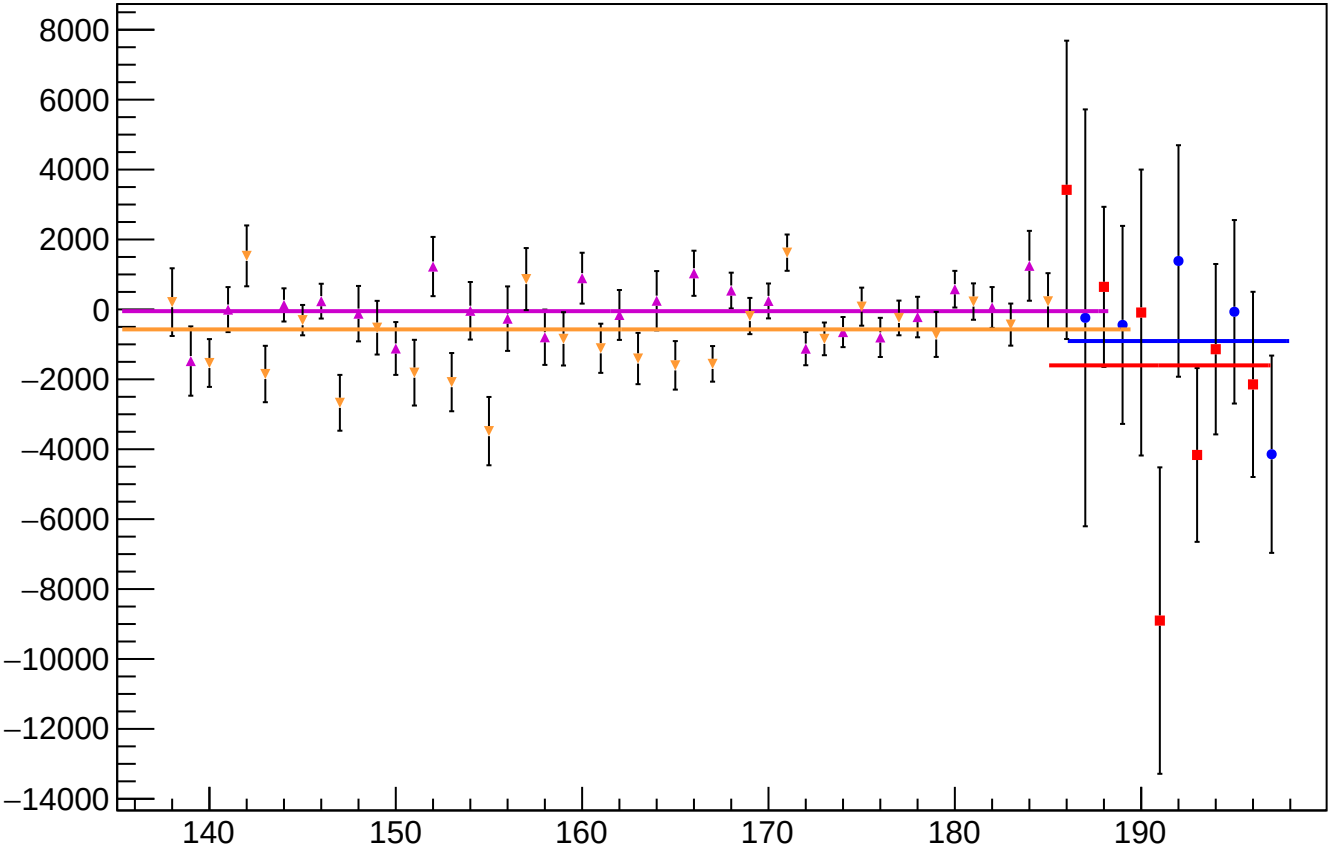
Left In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

+ sign 79.777+/-0.013 χ^2/NDF: 4037235.8/29

All: 81.690+/-0.009 χ^2/NDF: 9013012.9/59

- sign 83.767+/-0.014 χ^2/NDF: 4931583.0/29

asym_sam_37_avg_correction_mean vs Slug



Right In: -904.966+/-1393.870 χ^2/NDF: 1.9/4

Left Out: -571.669+/-128.158 χ^2/NDF:66.8/24

Right Out: -1600.958+/-1097.500 χ^2/NDF: 6.4/6

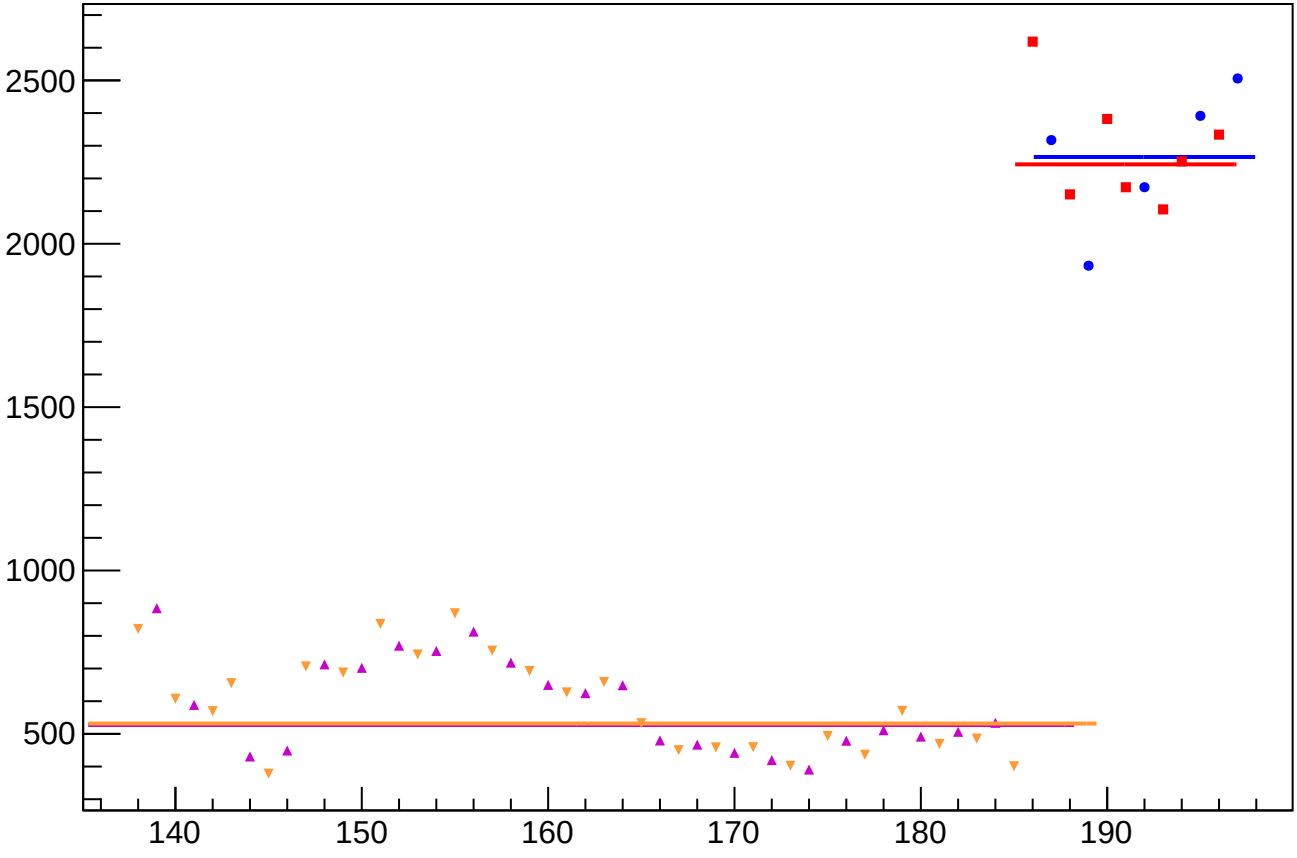
Left In: -50.077+/-129.187 χ^2/NDF:26.1/22

+ sign -574.463+/-127.619 χ^2/NDF: 68.8/29

All: -324.207+/-90.481 χ^2/NDF: 111.0/59

- sign -71.271+/-128.301 χ^2/NDF: 34.5/29

asym_sam_37_avg_correction_rms vs Slug



Right In: 2265.635+/-0.986 χ^2/NDF: 48411.4/4

Left Out: 531.643+/-0.091 χ^2/NDF:2038304.3/24

Right Out: 2243.003+/-0.776 χ^2/NDF: 30065.4/6

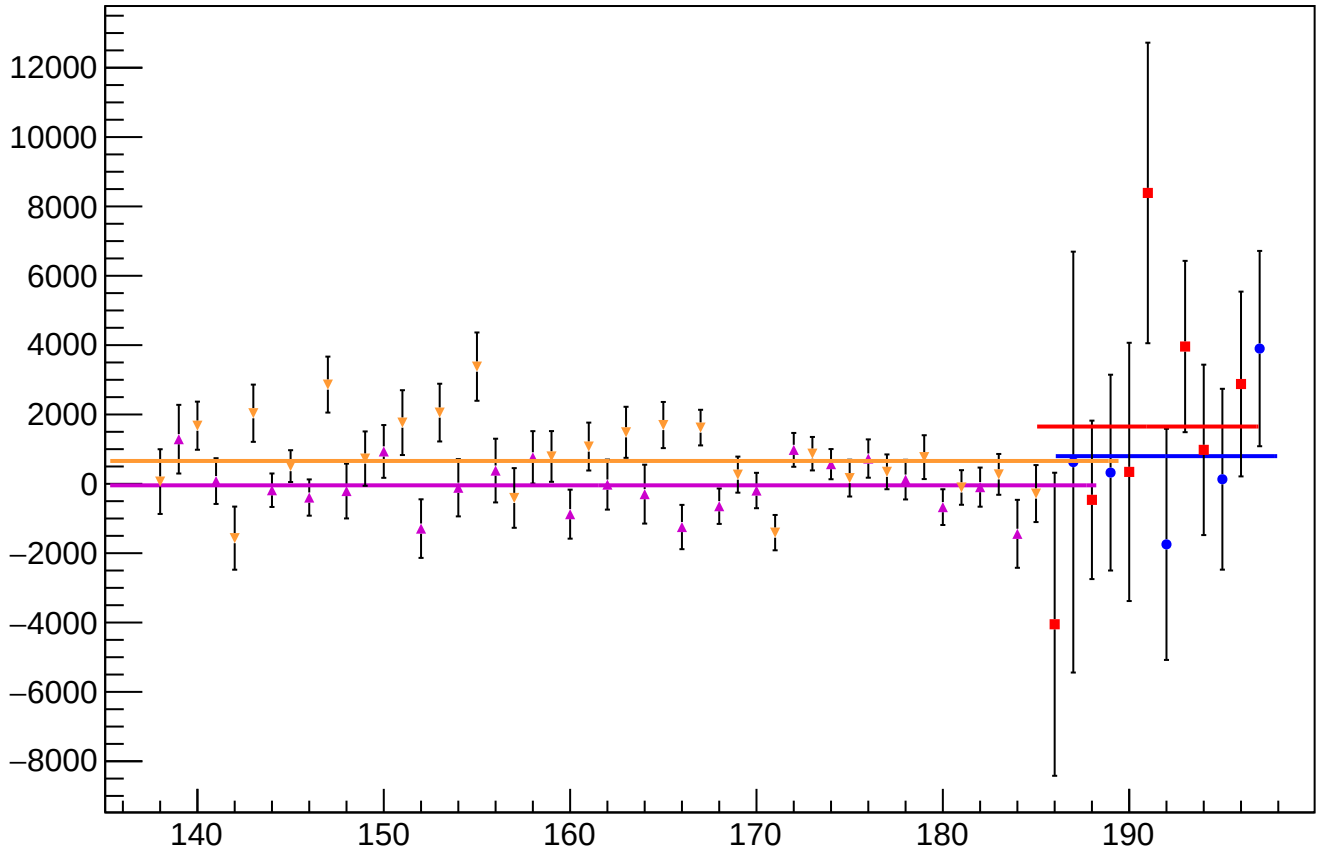
Left In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

+ sign 546.179+/-0.090 χ^2/NDF: 5155904.8/29

All: 548.393+/-0.064 χ^2/NDF: 11822141.3/59

- sign 550.631+/-0.091 χ^2/NDF: 6665025.6/29

asym_sam_37_avg_mean vs Slug



Right In: 798.379+/-1392.460 χ^2/NDF: 1.9/4

Left Out: 659.523+/-128.164 χ^2/NDF:62.4/24

Right Out: 1652.294+/-1091.304 χ^2/NDF: 6.3/6

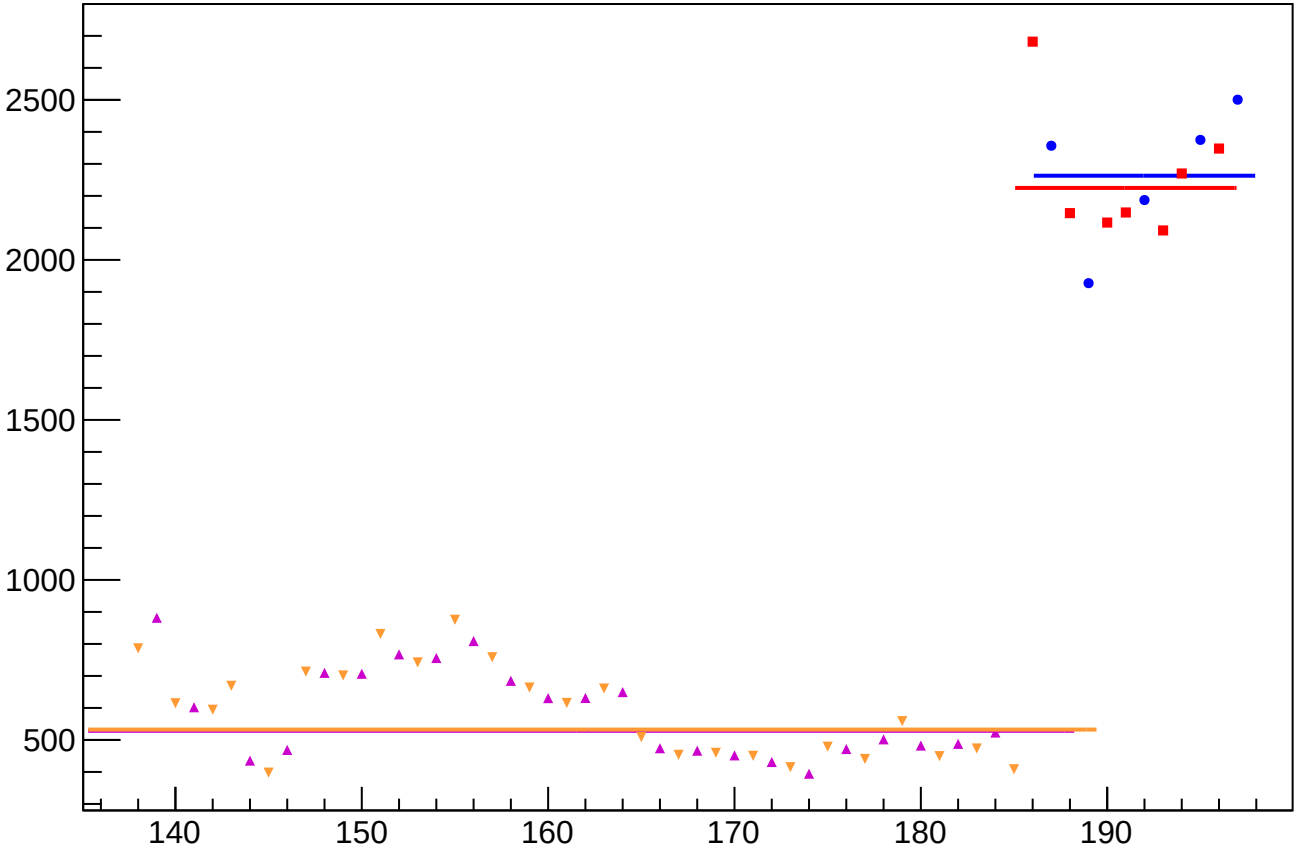
Left In: -43.183+/-129.538 χ^2/NDF:26.0/22

+ sign 660.689+/-127.625 χ^2/NDF: 64.3/29

All: 323.213+/-90.599 χ^2/NDF: 113.1/59

- sign -19.626+/-128.635 χ^2/NDF: 34.7/29

asym_sam_37_avg_rms vs Slug



Right In: 2263.020+/-0.985 χ^2/NDF: 47719.8/4

Left Out: 532.393+/-0.091 χ^2/NDF:1943066.8/24

Right Out: 2224.893+/-0.772 χ^2/NDF: 37290.2/6

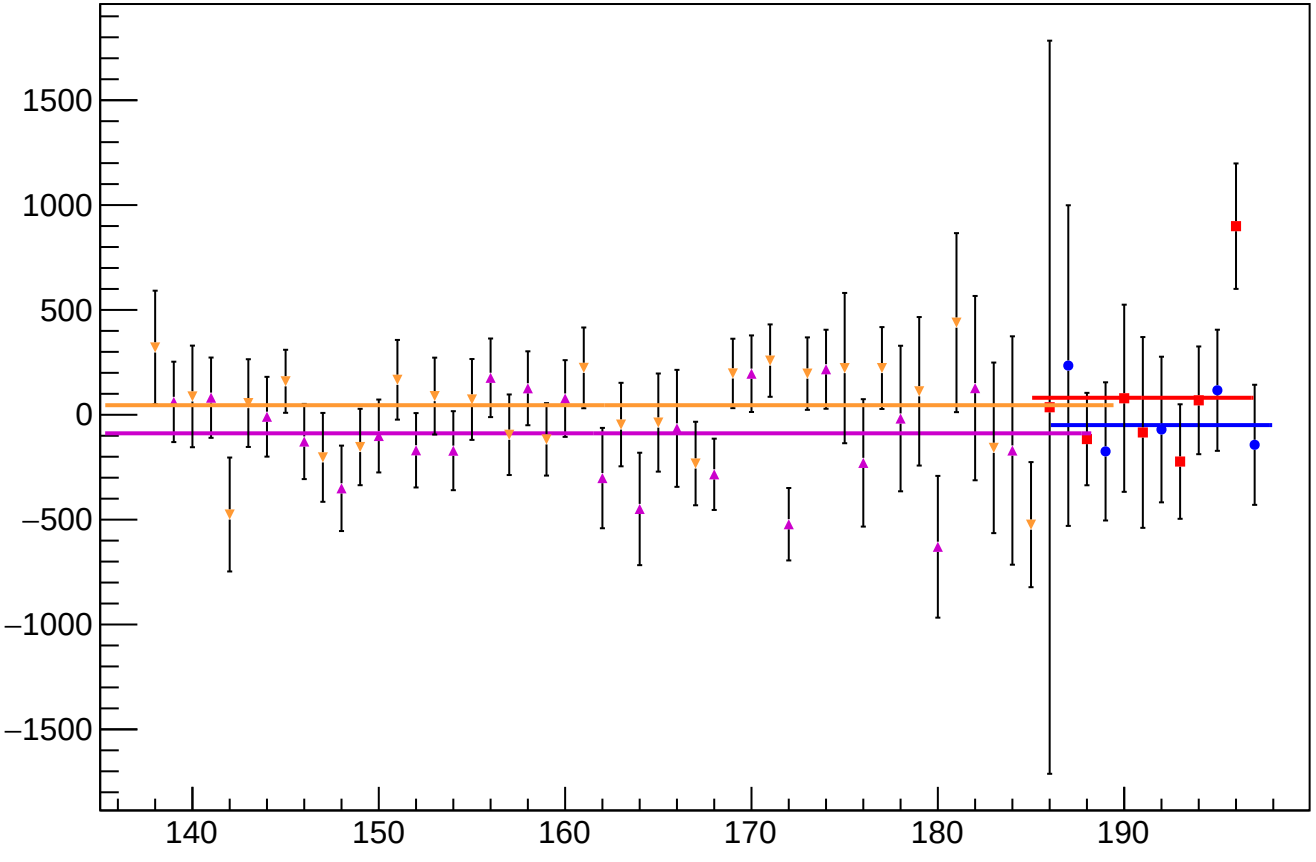
Left In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

+ sign 546.931+/-0.090 χ^2/NDF: 5054216.7/29

All: 549.462+/-0.064 χ^2/NDF: 11570915.2/59

- sign 552.035+/-0.091 χ^2/NDF: 6515111.9/29

dit_asym_sam_48_avg_mean vs Slug



Right In: -49.184+/-151.783 χ^2/NDF: 0.7/4

Left Out: 45.675+/-41.779 χ^2/NDF:21.9/24

Right Out: 81.129+/-119.071 χ^2/NDF: 9.7/6

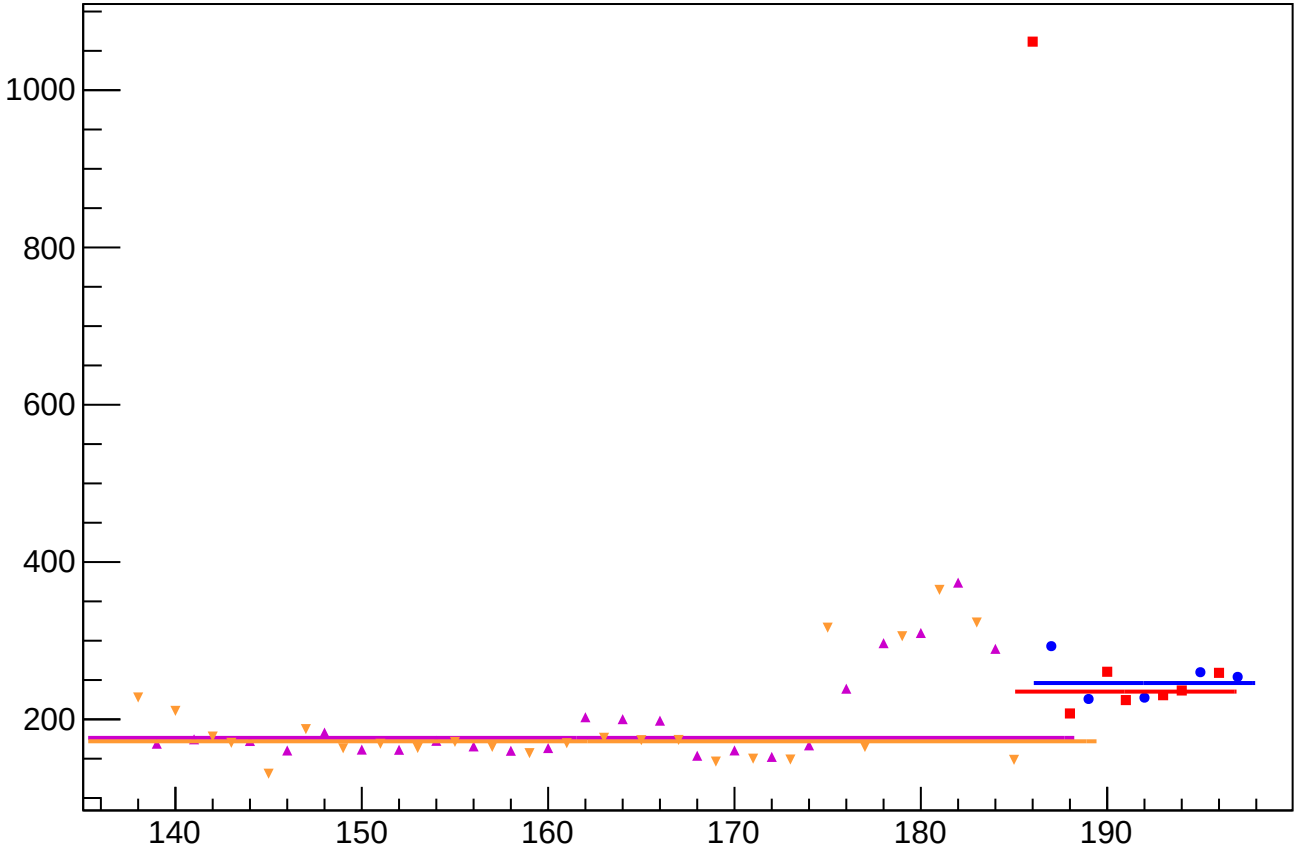
Left In: -88.356+/-43.518 χ^2/NDF:26.4/22

+ sign 38.994+/-40.281 χ^2/NDF: 23.0/29

All: -13.910+/-28.690 χ^2/NDF: 64.3/59

- sign -68.384+/-40.874 χ^2/NDF: 37.8/29

dit_asym_sam_48_avg_rms vs Slug



Right In: 246.181+/-0.107 χ^2/NDF: 26871.4/4

Left Out: 172.097+/-0.030 χ^2/NDF:1752497.1/24

Right Out: 235.275+/-0.084 χ^2/NDF: 499804.5/6

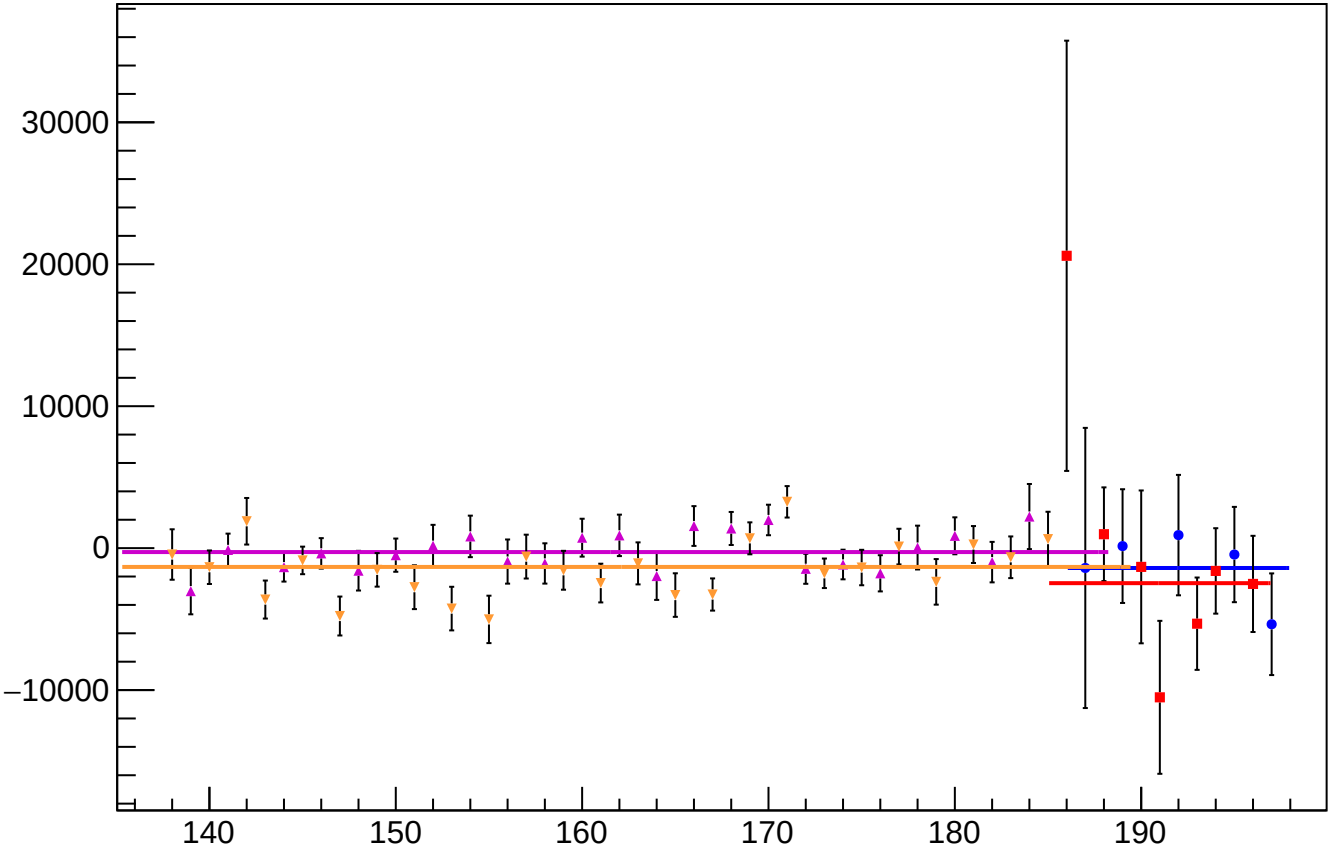
Left In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

+ sign 177.314+/-0.028 χ^2/NDF: 2222280.3/29

All: 180.293+/-0.020 χ^2/NDF: 4535874.2/59

- sign 183.360+/-0.029 χ^2/NDF: 2291400.7/29

asym_sam_48_avg_correction_mean vs Slug



Right In: -1398.577+/-1841.647 χ^2/NDF: 1.8/4

Left Out: -1324.367+/-265.950 χ^2/NDF:53.6/24

Right Out: -2467.387+/-1478.966 χ^2/NDF: 6.5/6

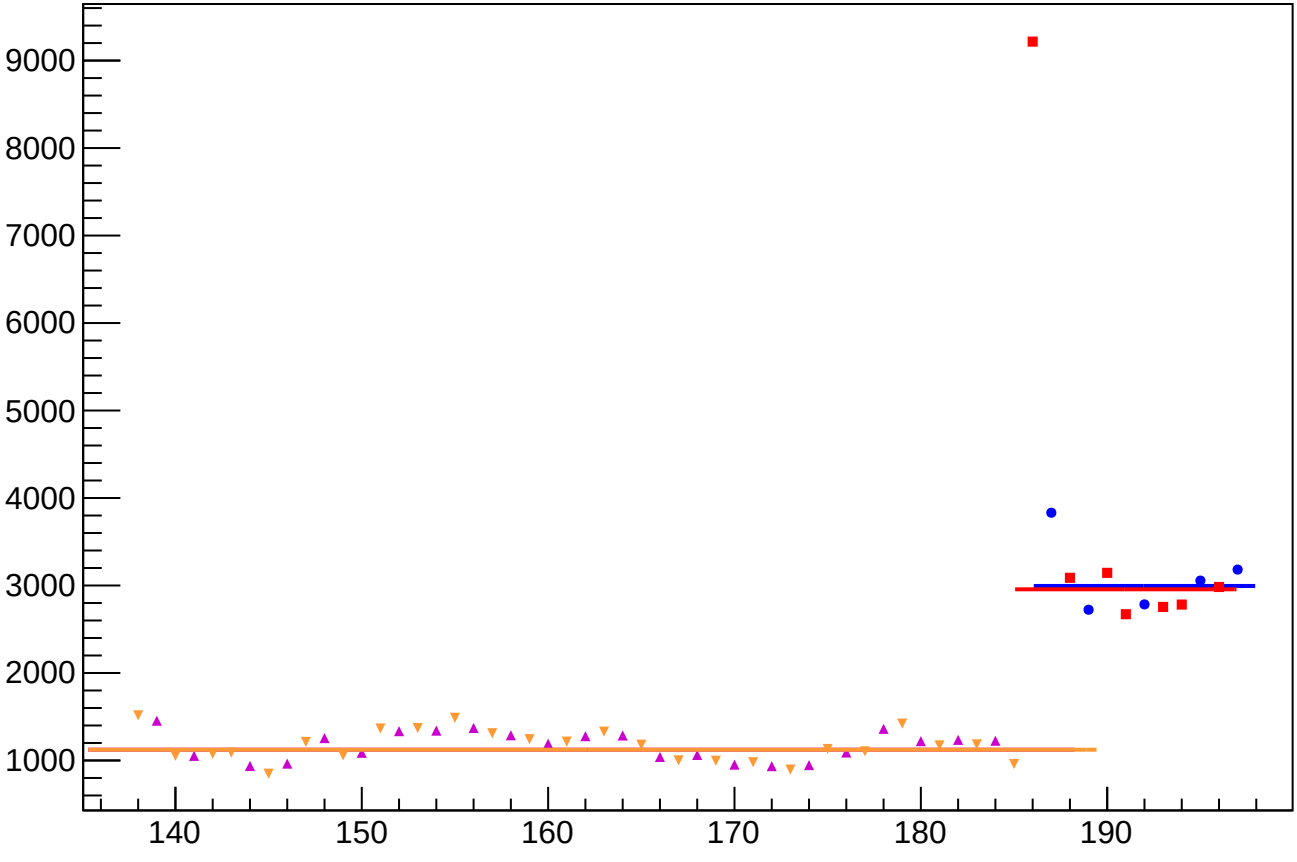
Left In: -276.678+/-270.547 χ^2/NDF:22.0/22

+ sign -1325.883+/-263.219 χ^2/NDF: 55.4/29

All: -842.127+/-187.145 χ^2/NDF: 92.9/59

- sign -347.612+/-266.131 χ^2/NDF: 30.7/29

asym_sam_48_avg_correction_rms vs Slug



Right In: 2994.712+/-1.302 χ^2/NDF: 34658.4/4

Left Out: 1123.022+/-0.188 χ^2/NDF:842393.5/24

Right Out: 2956.493+/-1.046 χ^2/NDF: 366925.6/6

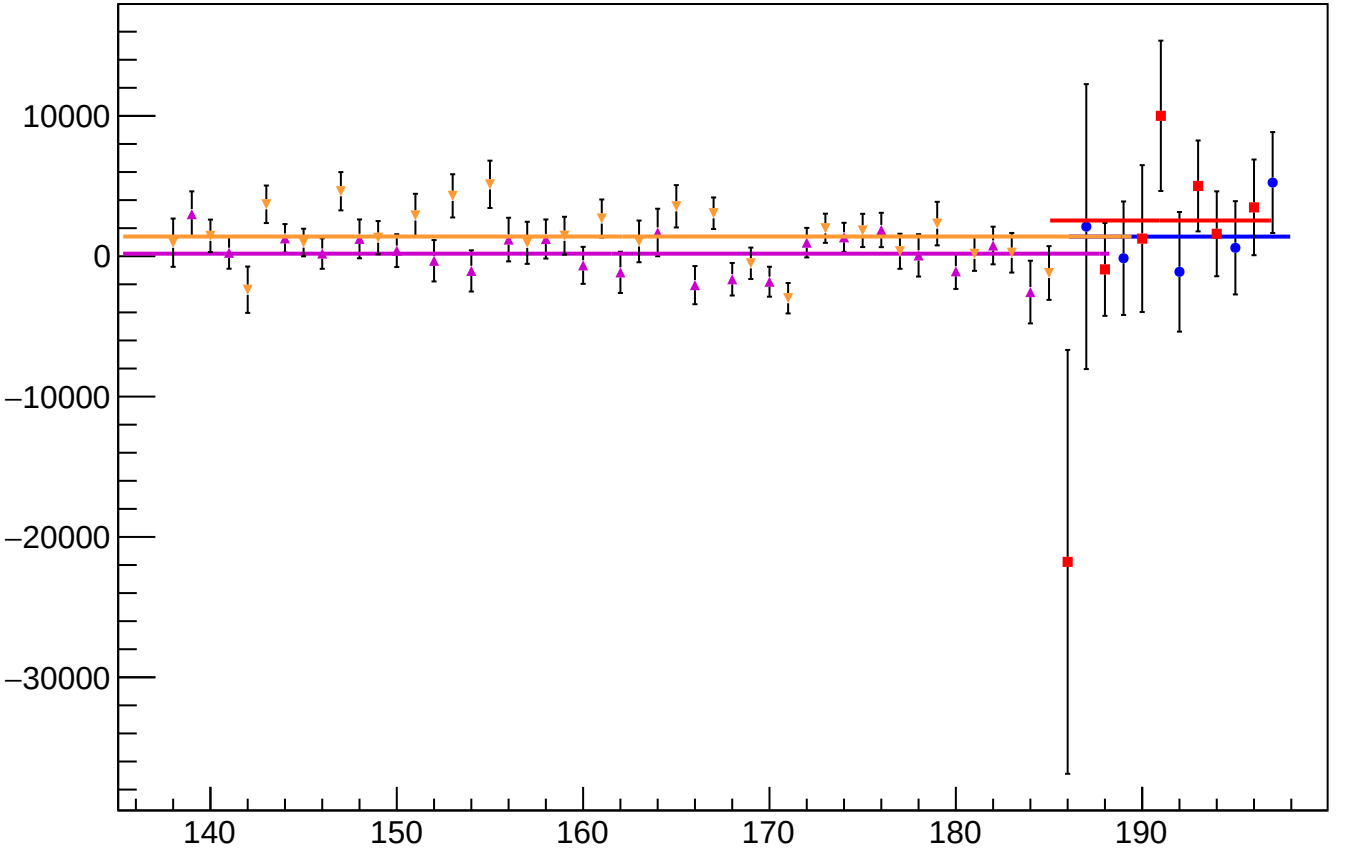
Left In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

+ sign 1161.257+/-0.186 χ^2/NDF: 2900636.2/29

All: 1171.767+/-0.132 χ^2/NDF: 6937558.4/59

- sign 1182.511+/-0.188 χ^2/NDF: 4030473.8/29

asym_sam_48_avg_mean vs Slug



Right In: 1399.345+/-1845.001 χ^2/NDF: 1.7/4

Left Out: 1404.763+/-262.517 χ^2/NDF:53.1/24

Right Out: 2546.864+/-1477.715 χ^2/NDF: 6.5/6

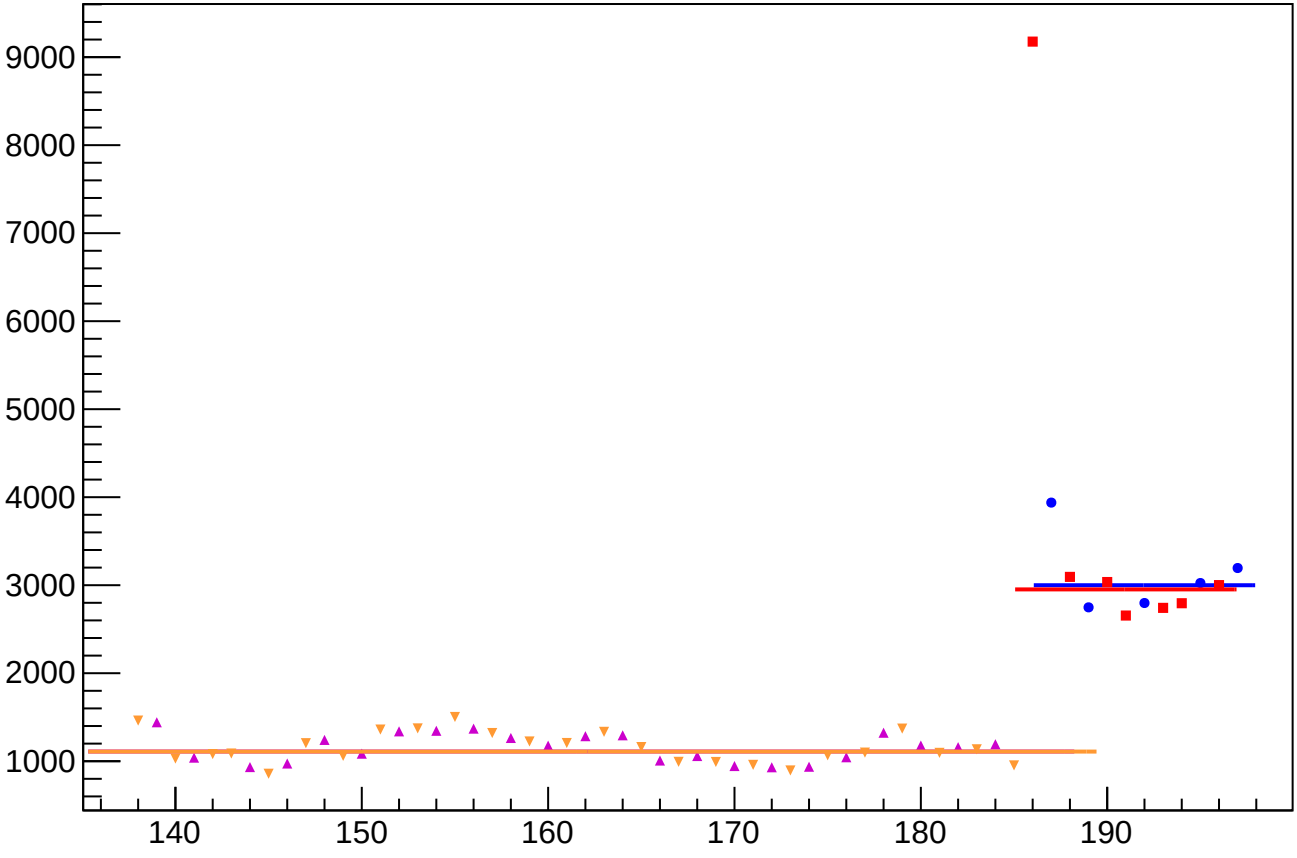
Left In: 183.249+/-267.620 χ^2/NDF:23.7/22

+ sign 1404.655+/-259.899 χ^2/NDF: 54.8/29

All: 839.013+/-184.980 χ^2/NDF: 97.1/59

- sign 258.311+/-263.336 χ^2/NDF: 32.6/29

asym_sam_48_avg_rms vs Slug



Right In: 2999.654+/-1.305 χ^2/NDF: 35349.8/4

Left Out: 1109.574+/-0.186 χ^2/NDF:812957.8/24

Right Out: 2952.265+/-1.045 χ^2/NDF: 364405.2/6

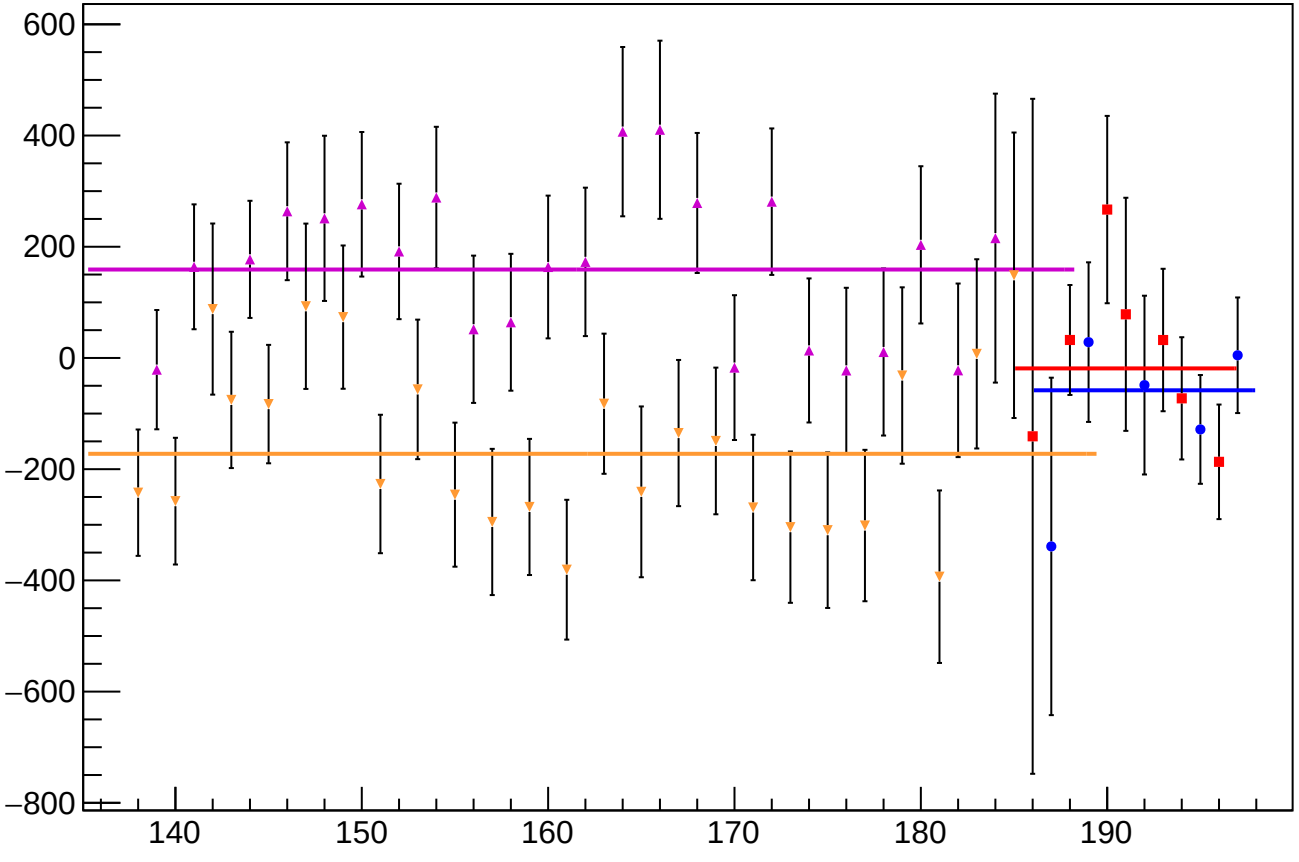
Left In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

+ sign 1147.080+/-0.184 χ^2/NDF: 2905581.9/29

All: 1157.729+/-0.131 χ^2/NDF: 6959288.0/59

- sign 1168.662+/-0.186 χ^2/NDF: 4046901.2/29

dit_asym_sam_15_dd_mean vs Slug



Right In: -58.154+/-58.205 χ^2/NDF: 2.1/4

Left Out: -172.357+/-26.709 χ^2/NDF:27.2/24

Right Out: -18.781+/-49.938 χ^2/NDF: 6.5/6

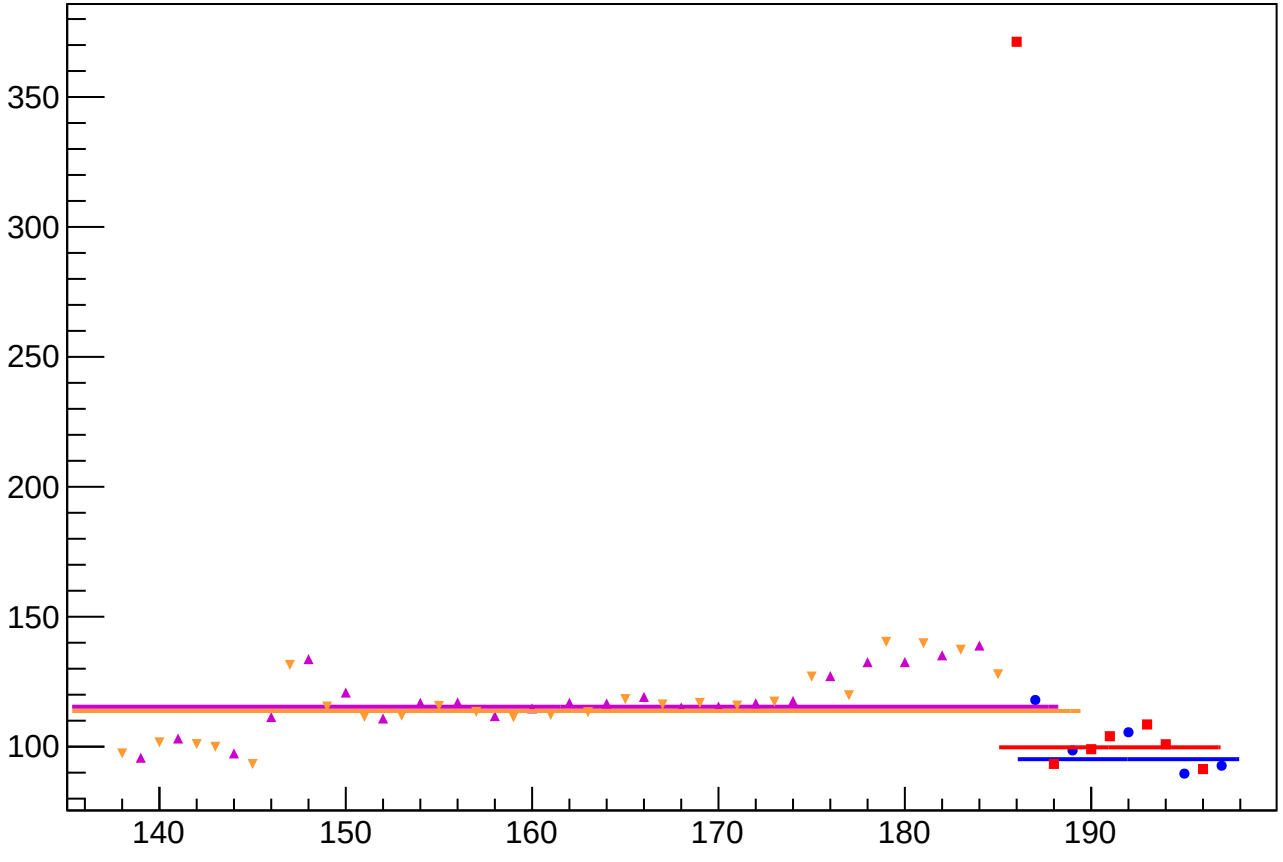
Left In: 159.044+/-27.608 χ^2/NDF:21.1/22

+ sign -152.492+/-24.275 χ^2/NDF: 32.5/29

All: -16.903+/-17.125 χ^2/NDF: 131.8/59

- sign 117.417+/-24.161 χ^2/NDF: 37.2/29

dit_asym_sam_15_dd_rms vs Slug



Right In: 95.182+/-0.041 χ^2/NDF: 28283.8/4

Left Out: 113.727+/-0.019 χ^2/NDF:392153.8/24

Right Out: 99.751+/-0.035 χ^2/NDF: 432262.6/6

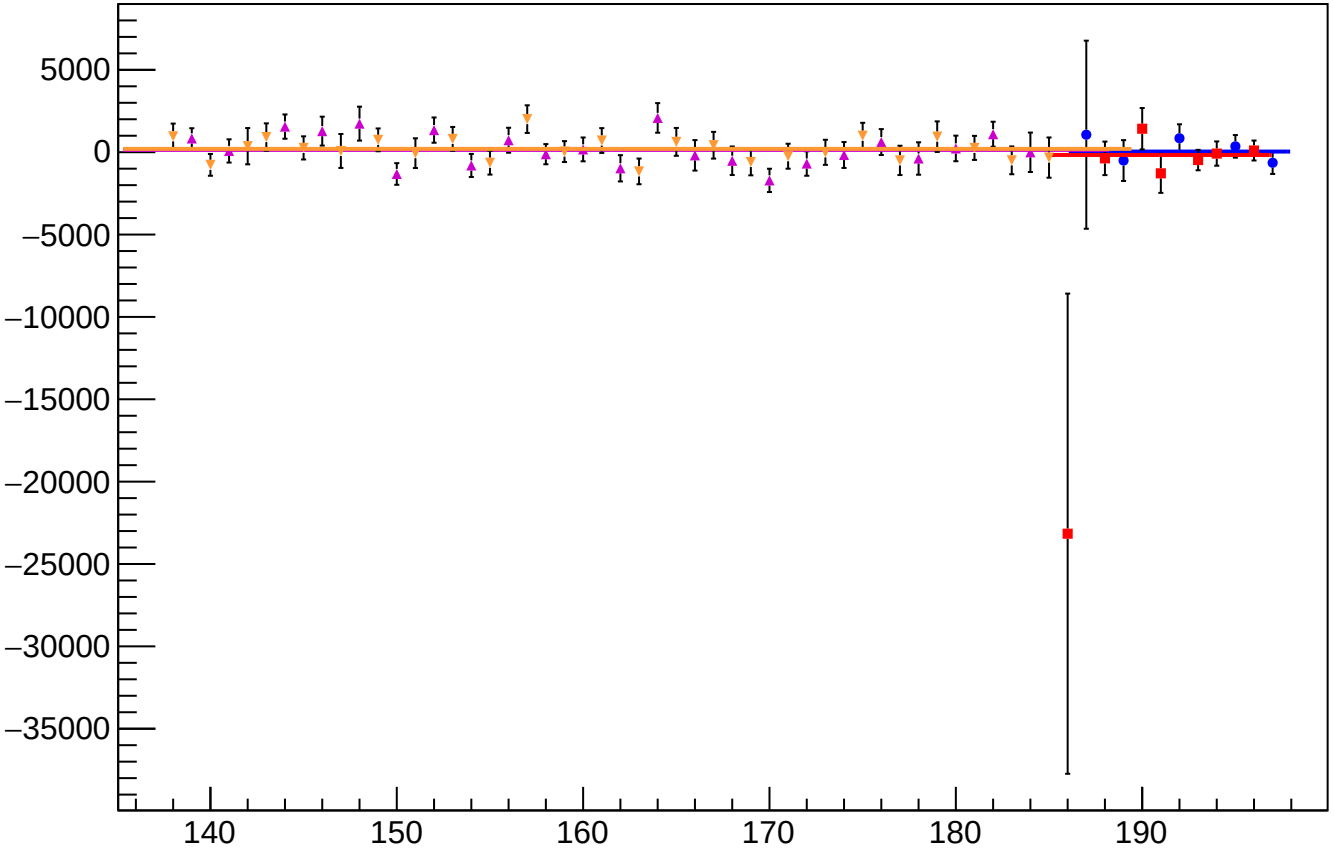
Left In: 115.377+/-0.020 χ^2/NDF:309034.7/22

+ sign 110.501+/-0.017 χ^2/NDF: 588160.2/29

All: 111.113+/-0.012 χ^2/NDF: 1481950.0/59

- sign 111.719+/-0.017 χ^2/NDF: 891261.9/29

asym_sam_15_dd_correction_mean vs Slug



Right In: 38.753+/-396.288 χ^2/NDF: 2.4/4

Left Out: 202.466+/-159.030 χ^2/NDF:19.8/24

Right Out: -167.733+/-324.638 χ^2/NDF: 5.5/6

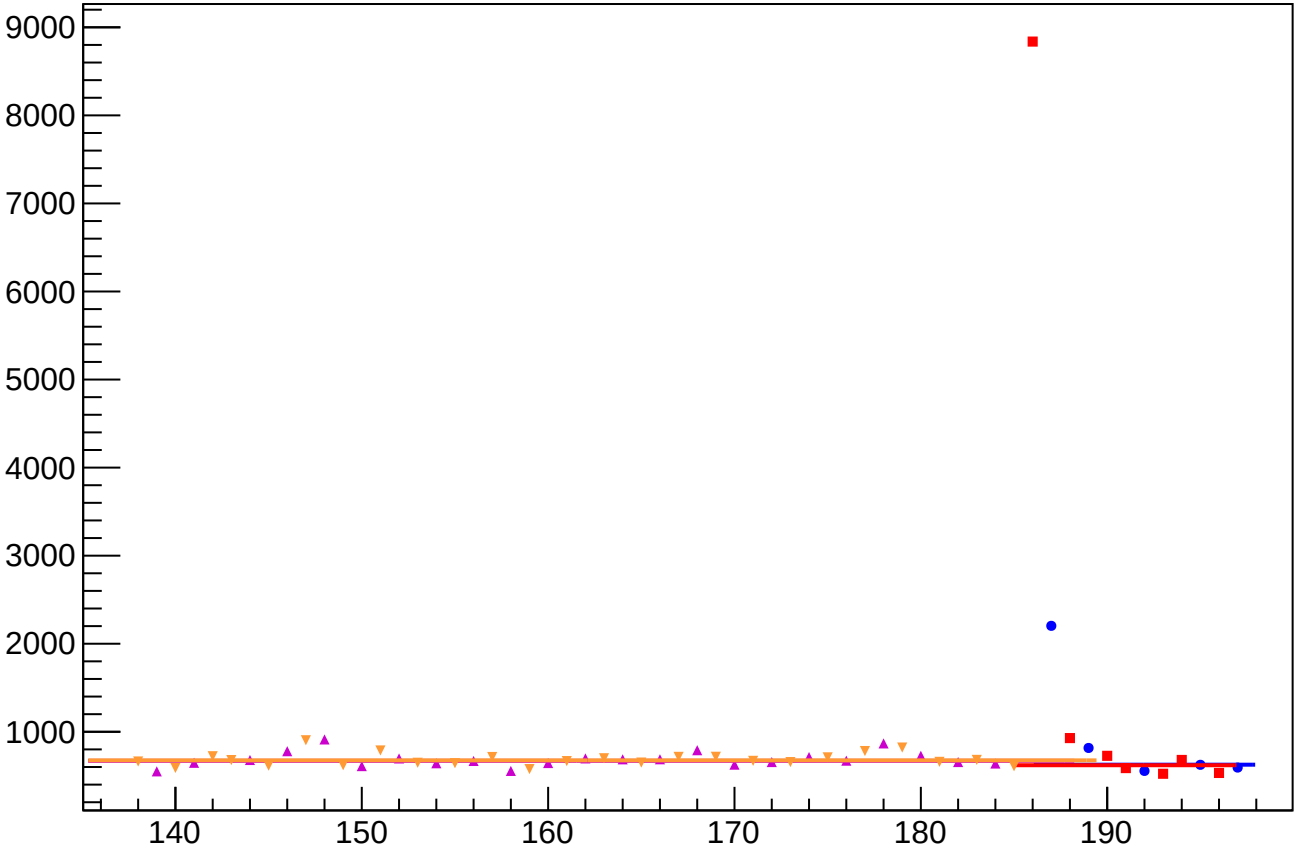
Left In: 140.039+/-161.024 χ^2/NDF:36.9/22

+ sign 179.758+/-147.589 χ^2/NDF: 22.3/29

All: 128.366+/-103.162 χ^2/NDF: 65.6/59

- sign 79.270+/-144.254 χ^2/NDF: 43.1/29

asym_sam_15_dd_correction_rms vs Slug



Right In: 626.354+/-0.280 χ^2/NDF: 218153.4/4

Left Out: 675.335+/-0.112 χ^2/NDF:358713.6/24

Right Out: 620.235+/-0.230 χ^2/NDF: 939652.1/6

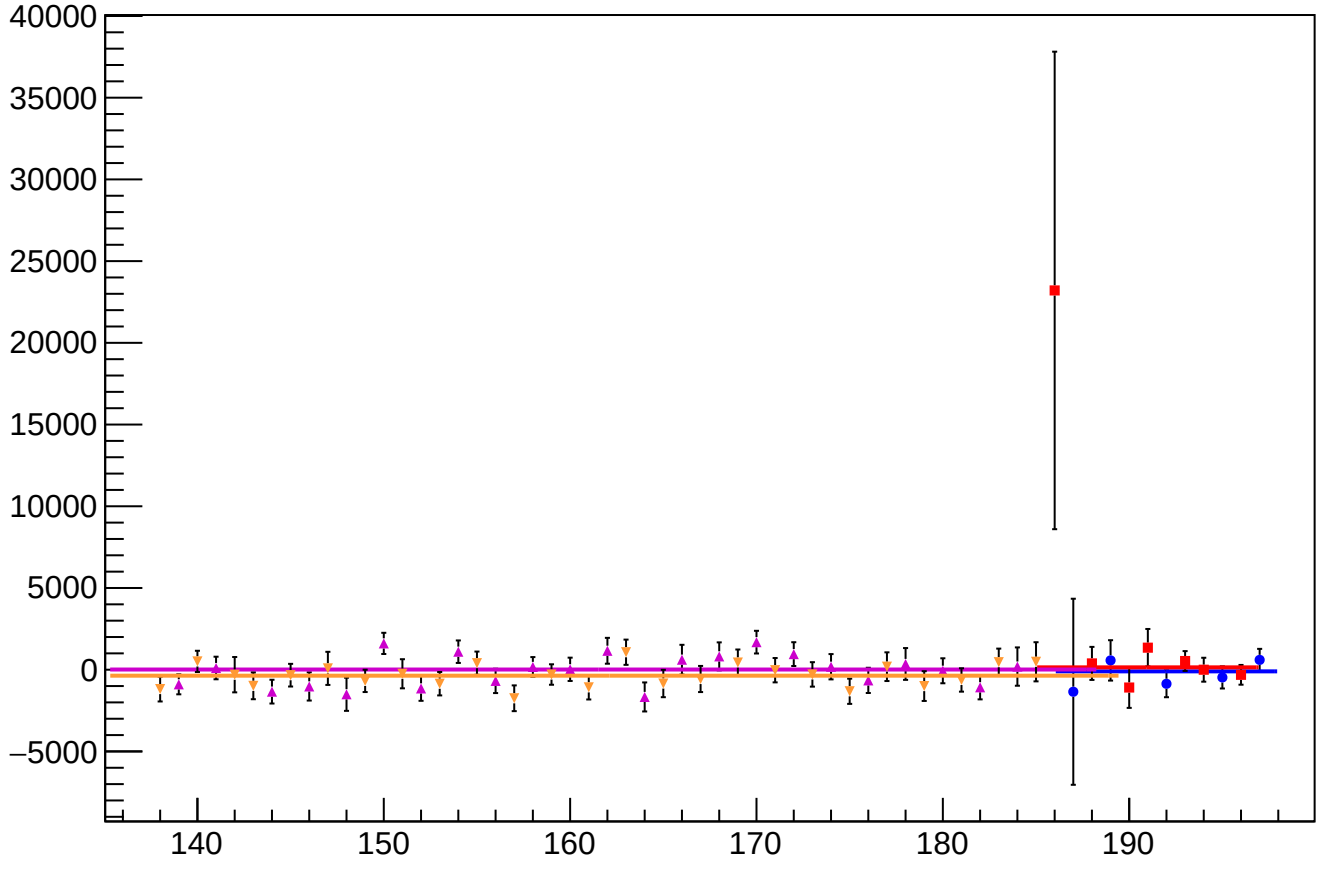
Left In: 669.938+/-0.114 χ^2/NDF:464085.7/22

+ sign 668.541+/-0.104 χ^2/NDF: 603182.6/29

All: 664.236+/-0.073 χ^2/NDF: 2047871.1/59

- sign 660.124+/-0.102 χ^2/NDF: 1441361.9/29

asym_sam_15_dd_mean vs Slug



Right In: -101.220+/-390.938 χ^2/NDF: 2.6/4

Left Out: -365.394+/-156.301 χ^2/NDF:18.7/24

Right Out: 144.001+/-320.803 χ^2/NDF: 5.7/6

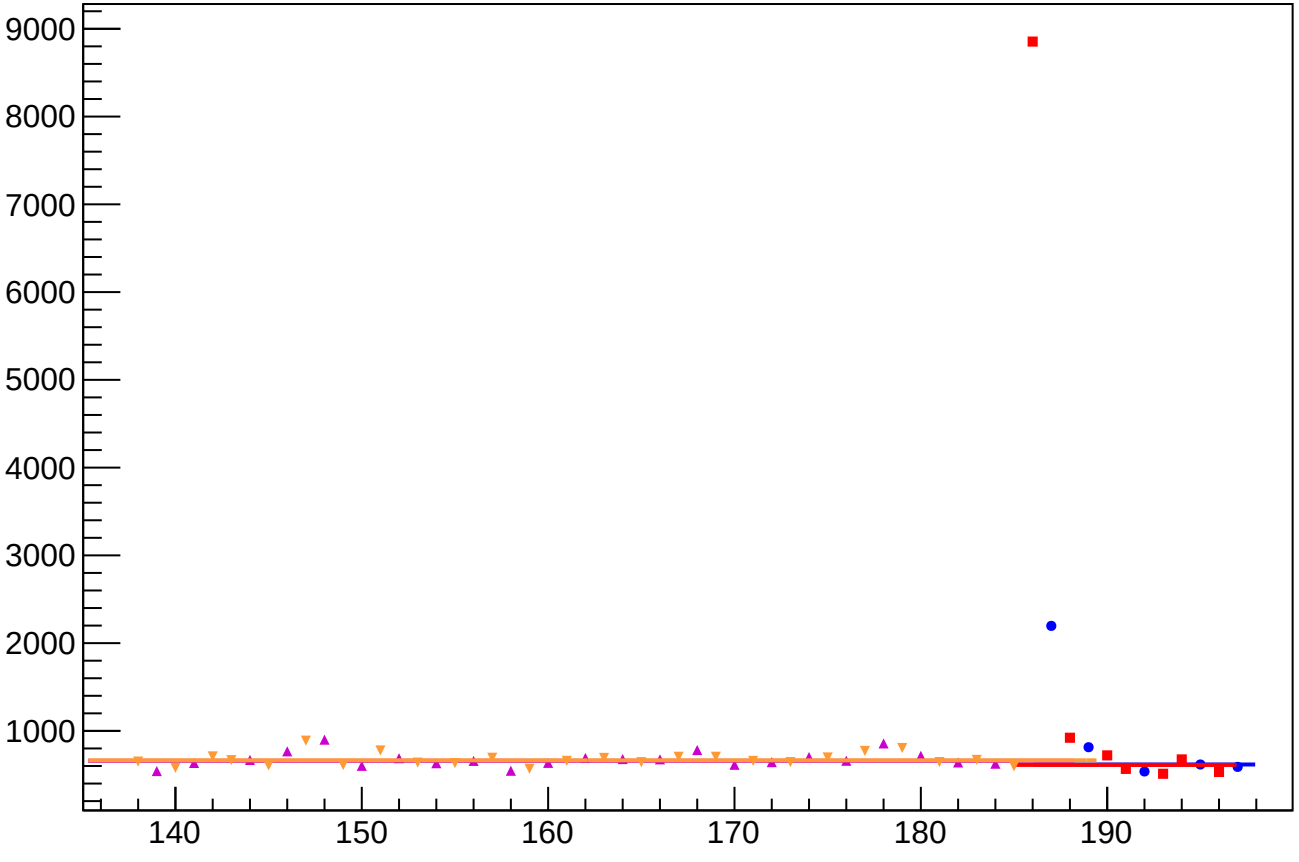
Left In: 11.243+/-158.497 χ^2/NDF:38.8/22

+ sign -328.986+/-145.131 χ^2/NDF: 21.7/29

All: -141.982+/-101.535 χ^2/NDF: 69.6/59

- sign 37.291+/-142.100 χ^2/NDF: 44.6/29

asym_sam_15_dd_rms vs Slug



Right In: 617.217+/-0.276 χ^2/NDF: 226867.4/4

Left Out: 664.618+/-0.111 χ^2/NDF:356964.3/24

Right Out: 612.450+/-0.227 χ^2/NDF: 948295.2/6

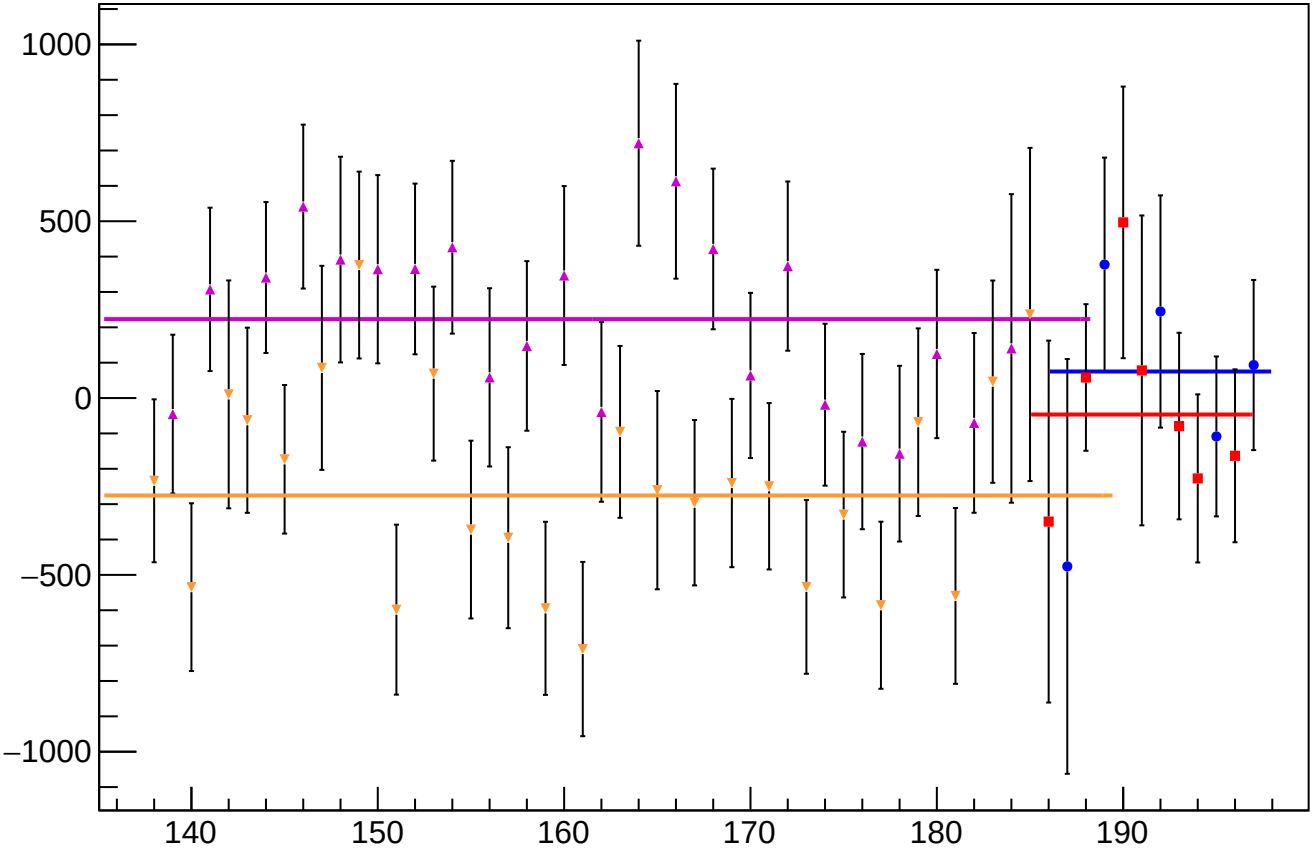
Left In: 659.230+/-0.112 χ^2/NDF:472744.9/22

+ sign 658.085+/-0.103 χ^2/NDF: 609183.0/29

All: 653.984+/-0.072 χ^2/NDF: 2067535.0/59

- sign 650.052+/-0.100 χ^2/NDF: 1455223.1/29

dit_asym_sam_26_dd_mean vs Slug



Right In: 75.105+/-129.148 χ^2/NDF: 2.8/4

Left Out: -275.447+/-50.539 χ^2/NDF:27.3/24

Right Out: -46.611+/-106.657 χ^2/NDF: 3.5/6

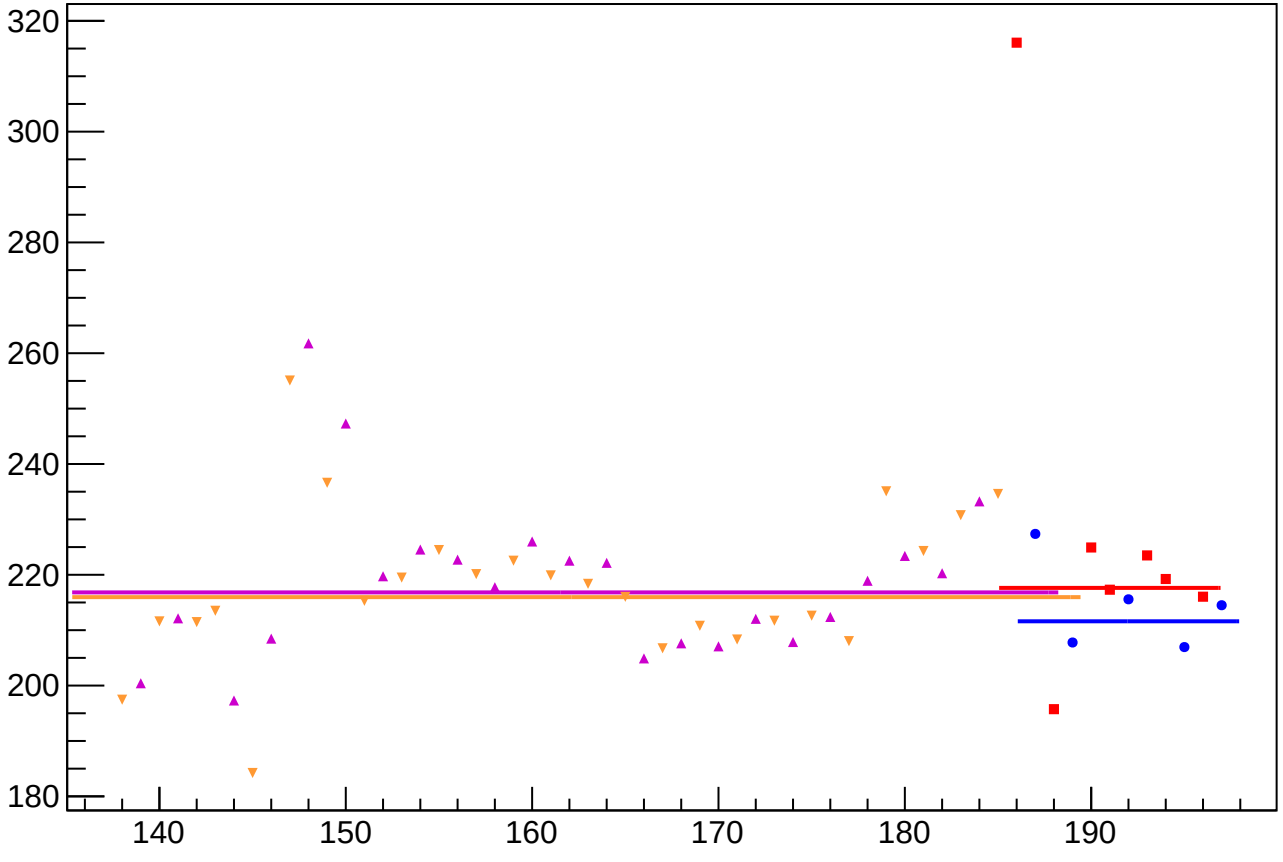
Left In: 223.195+/-51.742 χ^2/NDF:20.8/22

+ sign -228.893+/-47.064 χ^2/NDF: 36.5/29

All: -26.361+/-33.097 χ^2/NDF: 102.6/59

- sign 171.794+/-46.553 χ^2/NDF: 29.4/29

dit_asym_sam_26_dd_rms vs Slug



Right In: 211.602+/-0.091 χ^2/NDF: 3198.7/4

Left Out: 215.963+/-0.036 χ^2/NDF:144735.1/24

Right Out: 217.634+/-0.075 χ^2/NDF: 98214.0/6

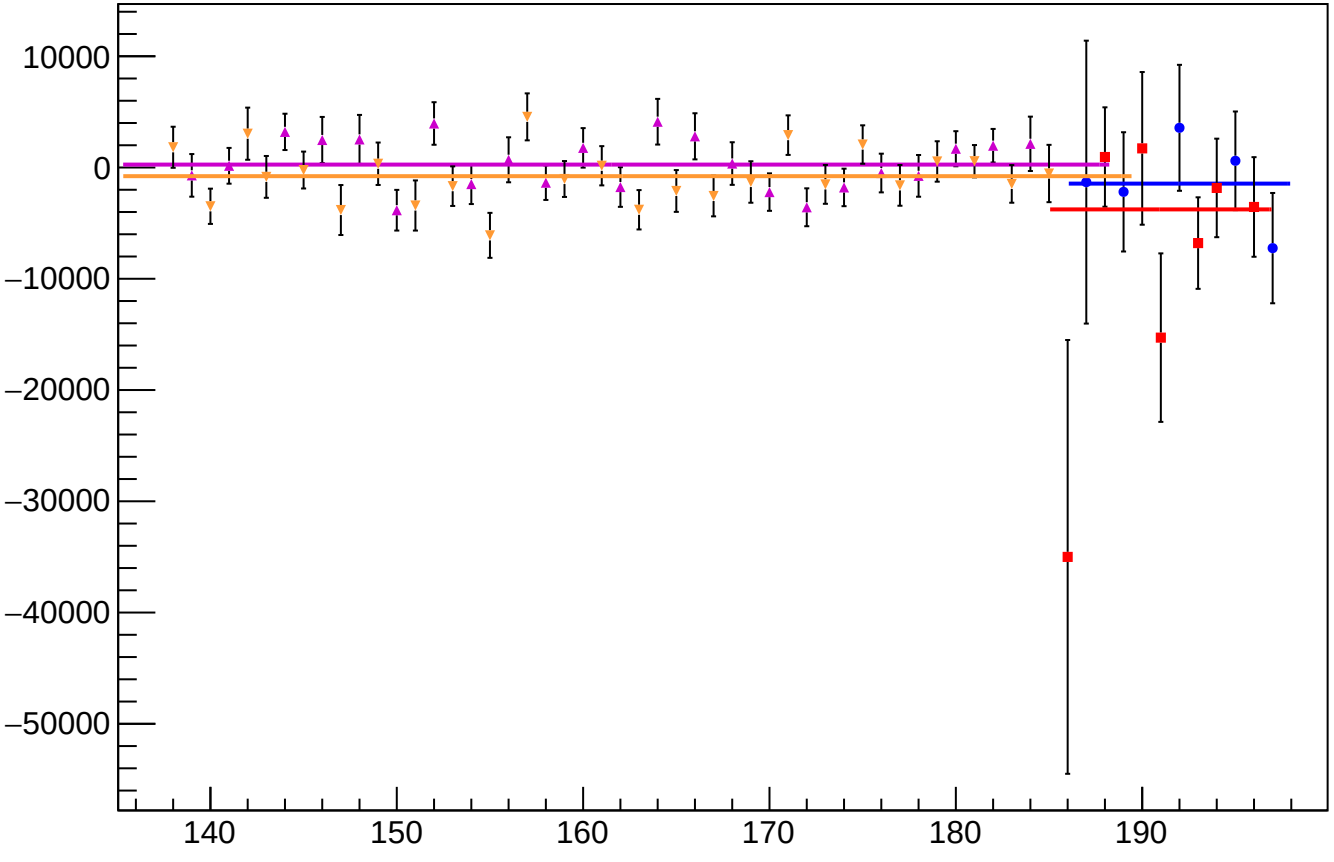
Left In: 216.821+/-0.037 χ^2/NDF:132518.8/22

+ sign 215.384+/-0.033 χ^2/NDF: 149911.2/29

All: 216.189+/-0.023 χ^2/NDF: 381894.6/59

- sign 216.976+/-0.033 χ^2/NDF: 230826.8/29

asym_sam_26_dd_correction_mean vs Slug



Right In: -1447.882+/-2470.745 χ^2/NDF: 2.4/4

Left Out: -779.146+/-366.965 χ^2/NDF:38.5/24

Right Out: -3765.546+/-1994.084 χ^2/NDF: 7.4/6

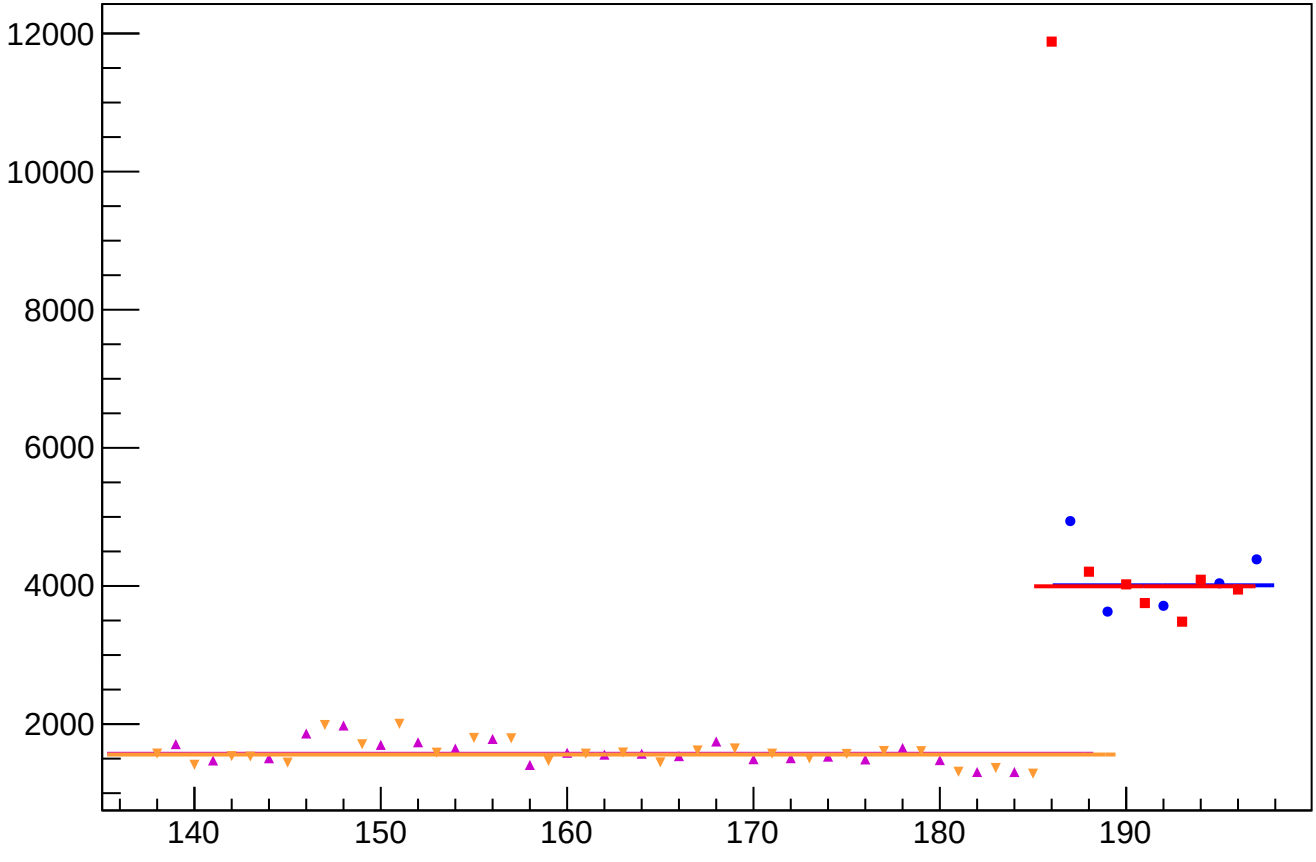
Left In: 261.815+/-376.203 χ^2/NDF:35.4/22

+ sign -793.579+/-362.983 χ^2/NDF: 40.9/29

All: -343.473+/-259.003 χ^2/NDF: 90.8/59

- sign 123.398+/-369.681 χ^2/NDF: 46.8/29

asym_sam_26_dd_correction_rms vs Slug



Right In: 4009.690+/-1.747 χ^2/NDF: 37878.2/4

Left Out: 1559.504+/-0.259 χ^2/NDF:379160.1/24

Right Out: 3995.285+/-1.410 χ^2/NDF: 366062.2/6

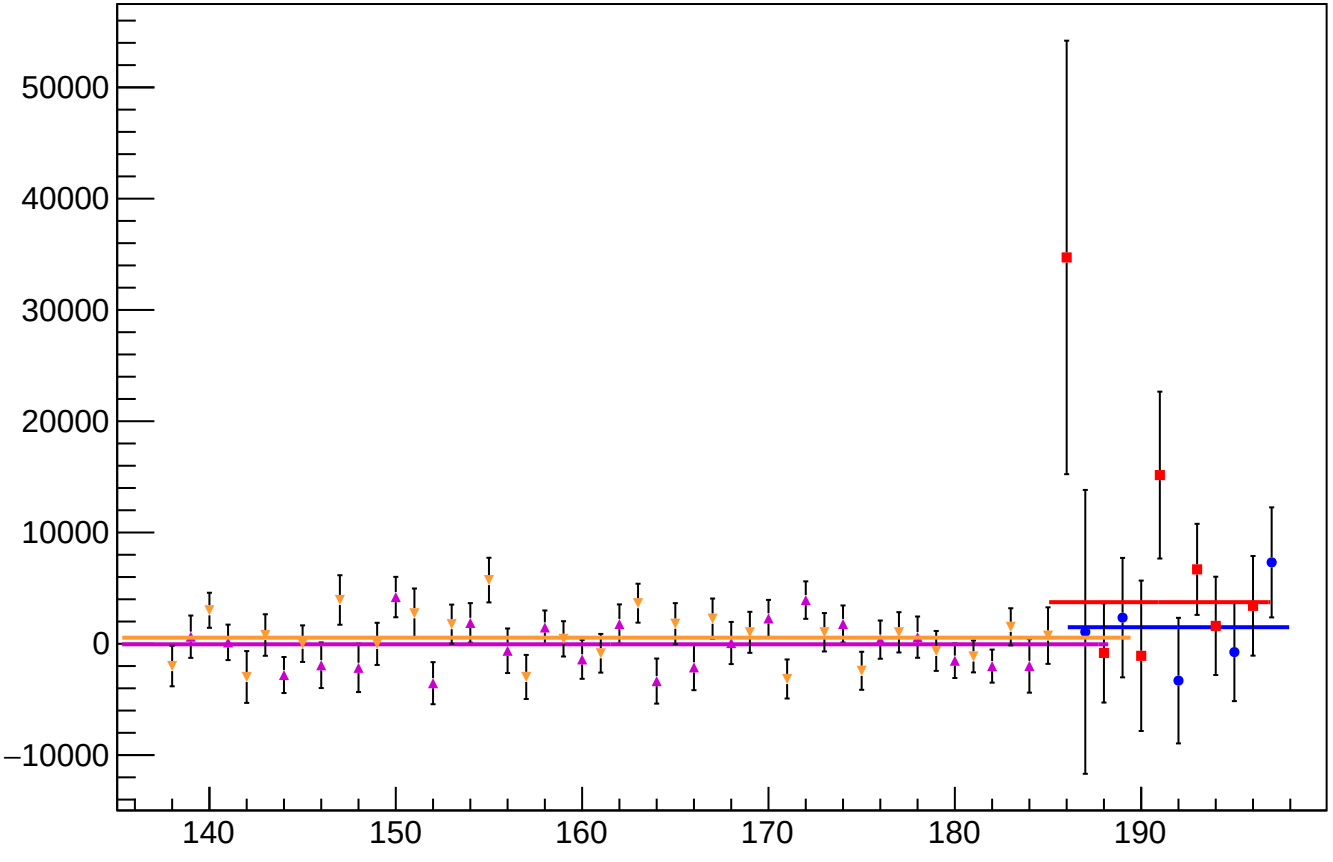
Left In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

+ sign 1612.387+/-0.257 χ^2/NDF: 2341440.4/29

All: 1632.653+/-0.183 χ^2/NDF: 5905660.6/59

- sign 1653.674+/-0.261 χ^2/NDF: 3551519.3/29

asym_sam_26_dd_mean vs Slug



Right In: 1489.128+/-2464.400 χ^2/NDF: 2.4/4

Left Out: 550.093+/-362.172 χ^2/NDF:35.6/24

Right Out: 3740.444+/-1986.113 χ^2/NDF: 7.2/6

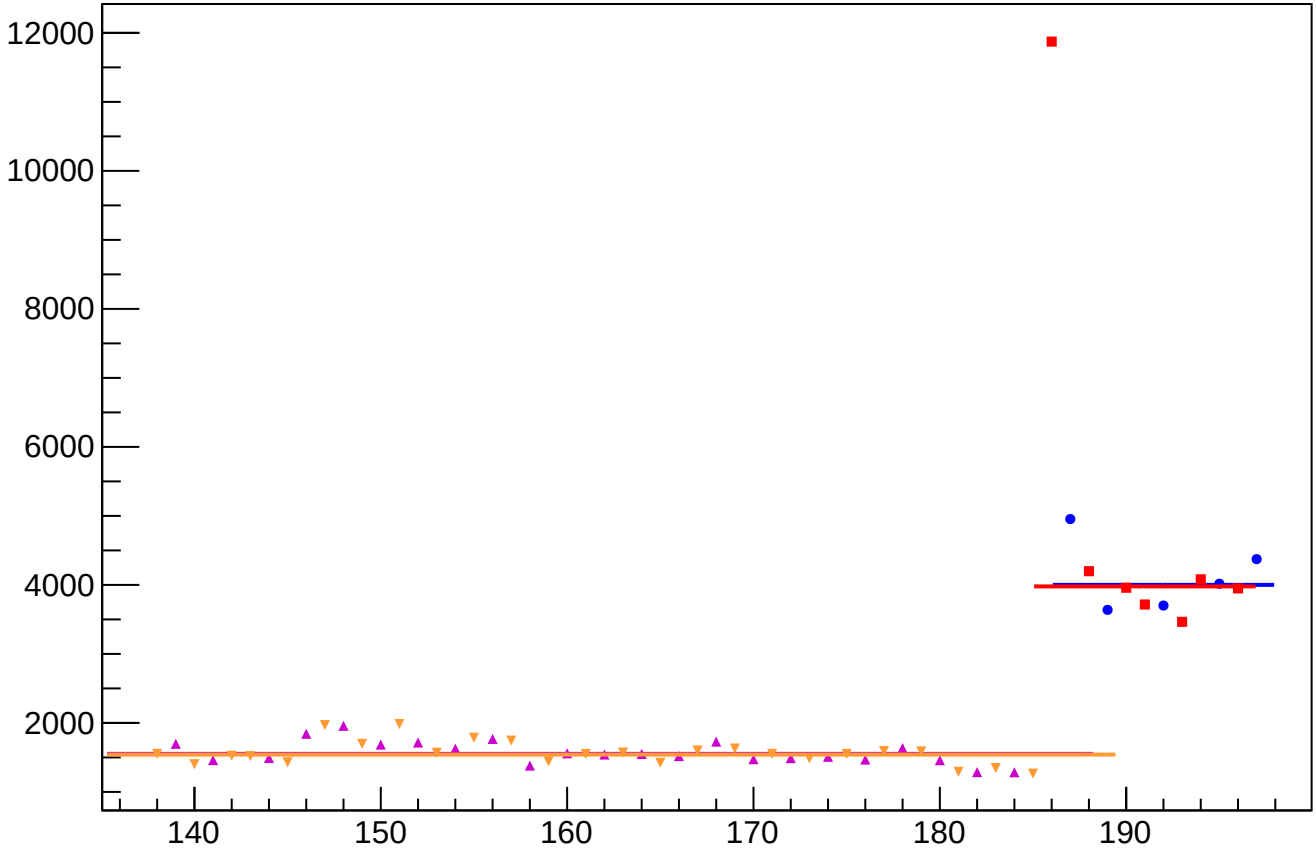
Left In: -43.949+/-371.765 χ^2/NDF:33.5/22

+ sign 569.945+/-358.323 χ^2/NDF: 38.1/29

All: 331.814+/-255.845 χ^2/NDF: 83.2/59

- sign 84.157+/-365.419 χ^2/NDF: 44.2/29

asym_sam_26_dd_rms vs Slug



Right In: 4000.541+/-1.743 χ^2/NDF: 37332.7/4

Left Out: 1541.149+/-0.256 χ^2/NDF:382077.8/24

Right Out: 3978.355+/-1.404 χ^2/NDF: 368568.5/6

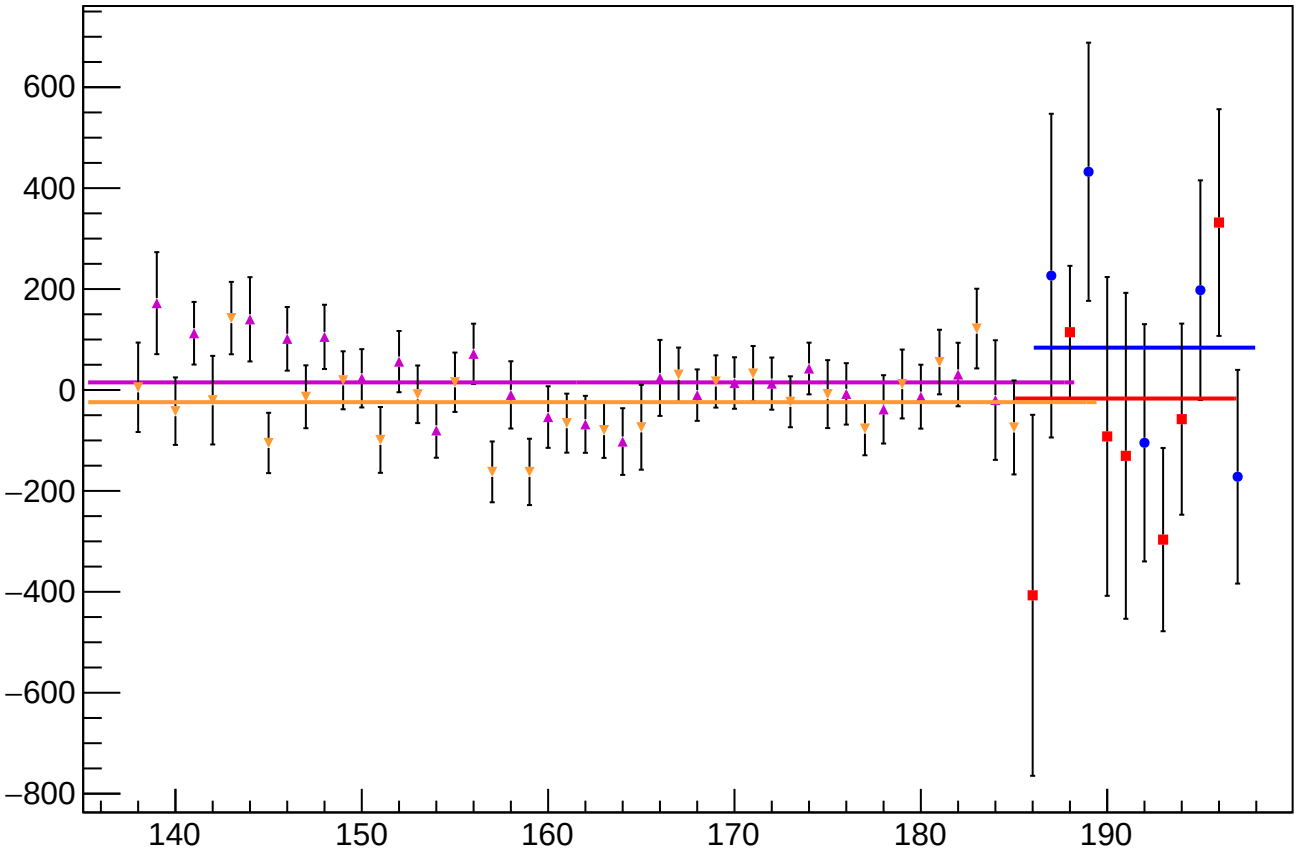
Left In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

+ sign 1593.143+/-0.253 χ^2/NDF: 2369180.8/29

All: 1612.991+/-0.181 χ^2/NDF: 5974369.9/59

- sign 1633.633+/-0.258 χ^2/NDF: 3592670.4/29

dit_asym_sam_37_dd_mean vs Slug



Right In: 83.904+/-107.523 χ^2/NDF: 4.4/4

Left Out: -24.126+/-12.525 χ^2/NDF:30.7/24

Right Out: -16.930+/-78.265 χ^2/NDF: 7.2/6

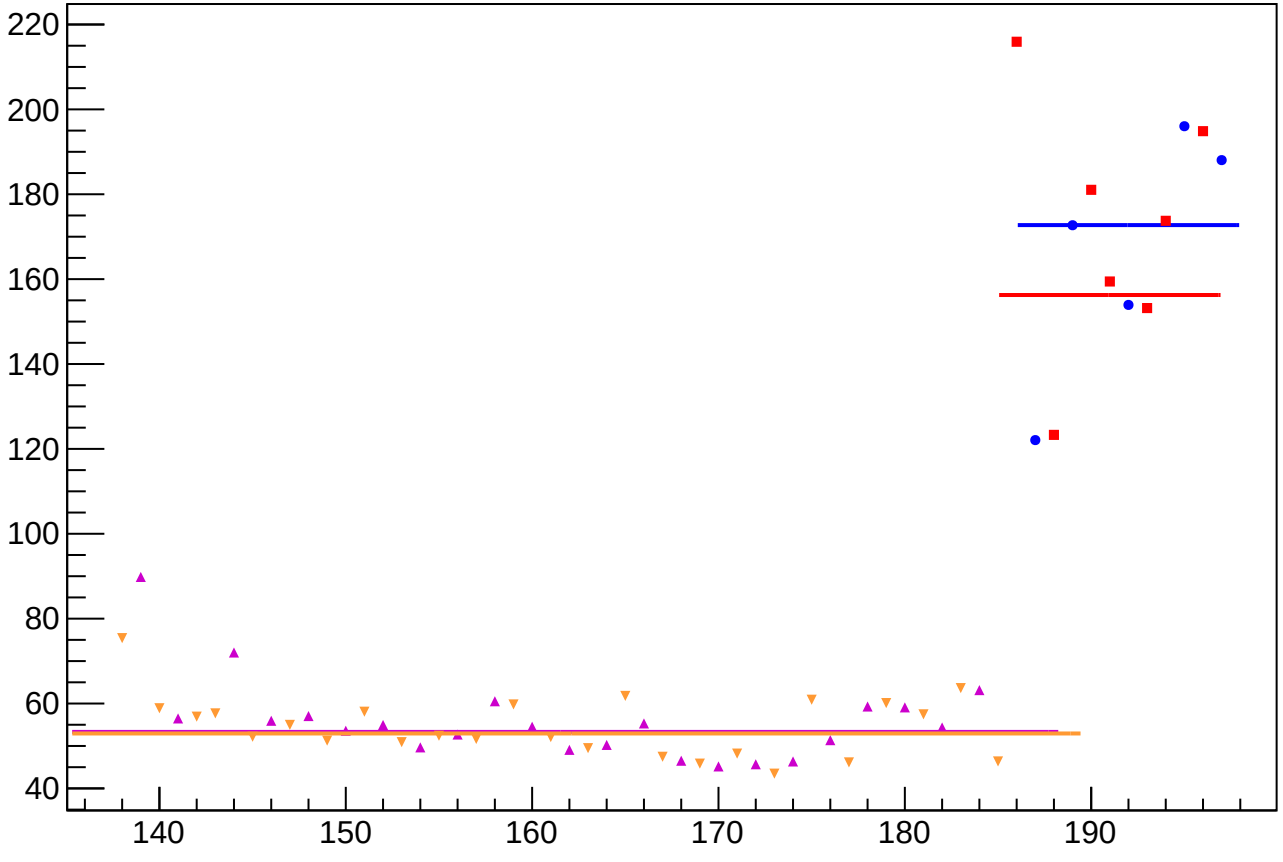
Left In: 15.058+/-12.921 χ^2/NDF:23.8/22

+ sign -22.680+/-12.441 χ^2/NDF: 36.1/29

All: -4.686+/-8.904 χ^2/NDF: 71.6/59

- sign 14.209+/-12.749 χ^2/NDF: 31.2/29

dit_asym_sam_37_dd_rms vs Slug



Right In: 172.734+/-0.076 χ^2/NDF: 96058.8/4

Left Out: 52.942+/-0.009 χ^2/NDF:513146.0/24

Right Out: 156.260+/-0.055 χ^2/NDF: 270450.1/6

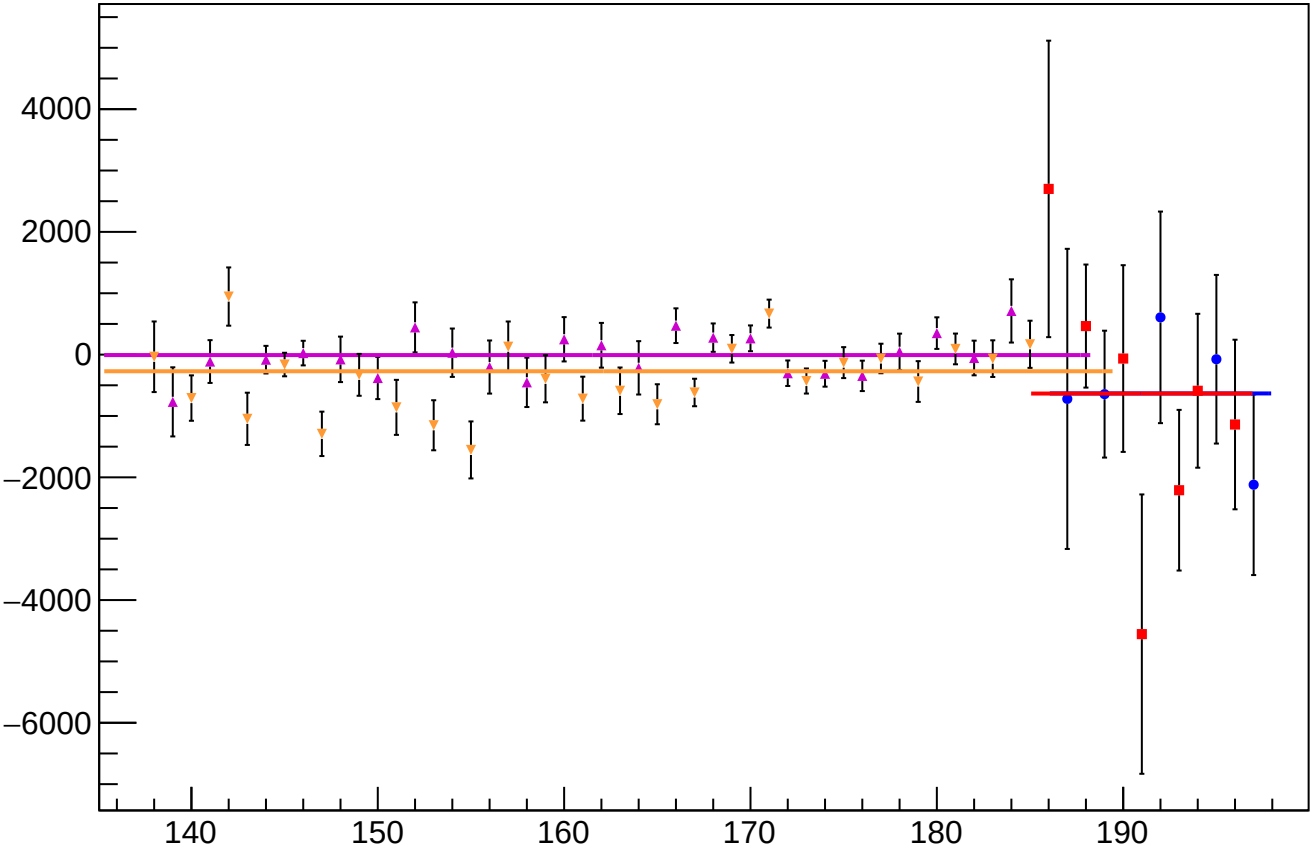
Left In: 53.312+/-0.009 χ^2/NDF:644220.1/22

+ sign 54.546+/-0.009 χ^2/NDF: 3058424.8/29

All: 55.276+/-0.006 χ^2/NDF: 7355878.3/59

- sign 56.044+/-0.009 χ^2/NDF: 4283311.3/29

asym_sam_37_dd_correction_mean vs Slug



Right In: -632.687+/-641.484 χ^2/NDF: 1.7/4

Left Out: -271.240+/-60.285 χ^2/NDF:67.7/24

Right Out: -634.412+/-531.947 χ^2/NDF: 7.8/6

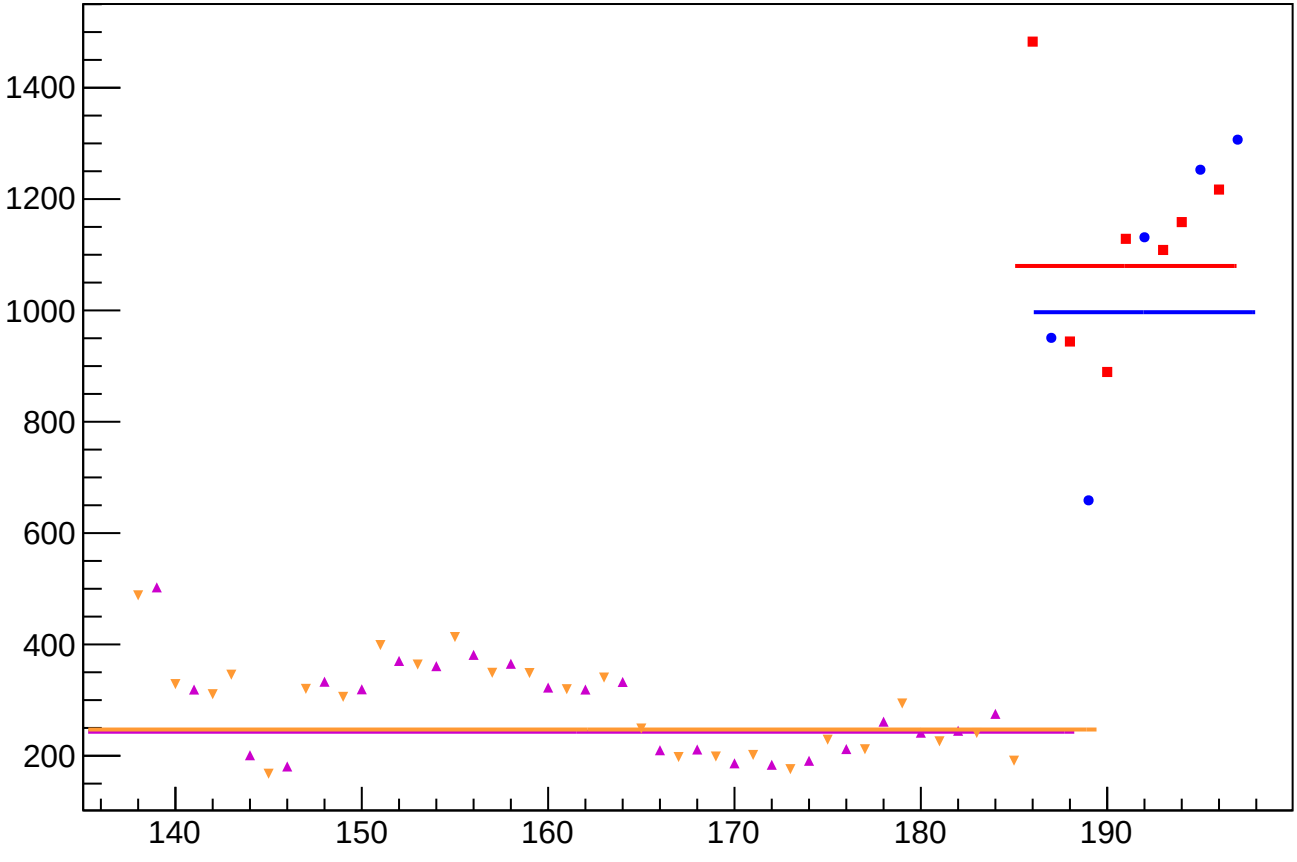
Left In: -7.535+/-60.328 χ^2/NDF:22.9/22

+ sign -274.404+/-60.020 χ^2/NDF: 69.7/29

All: -144.784+/-42.414 χ^2/NDF: 111.0/59

- sign -15.495+/-59.944 χ^2/NDF: 32.0/29

asym_sam_37_dd_correction_rms vs Slug



Right In: 996.798+/-0.454 χ^2/NDF: 384610.0/4

Left Out: 247.166+/-0.043 χ^2/NDF:2853302.0/24

Right Out: 1079.852+/-0.376 χ^2/NDF: 153123.2/6

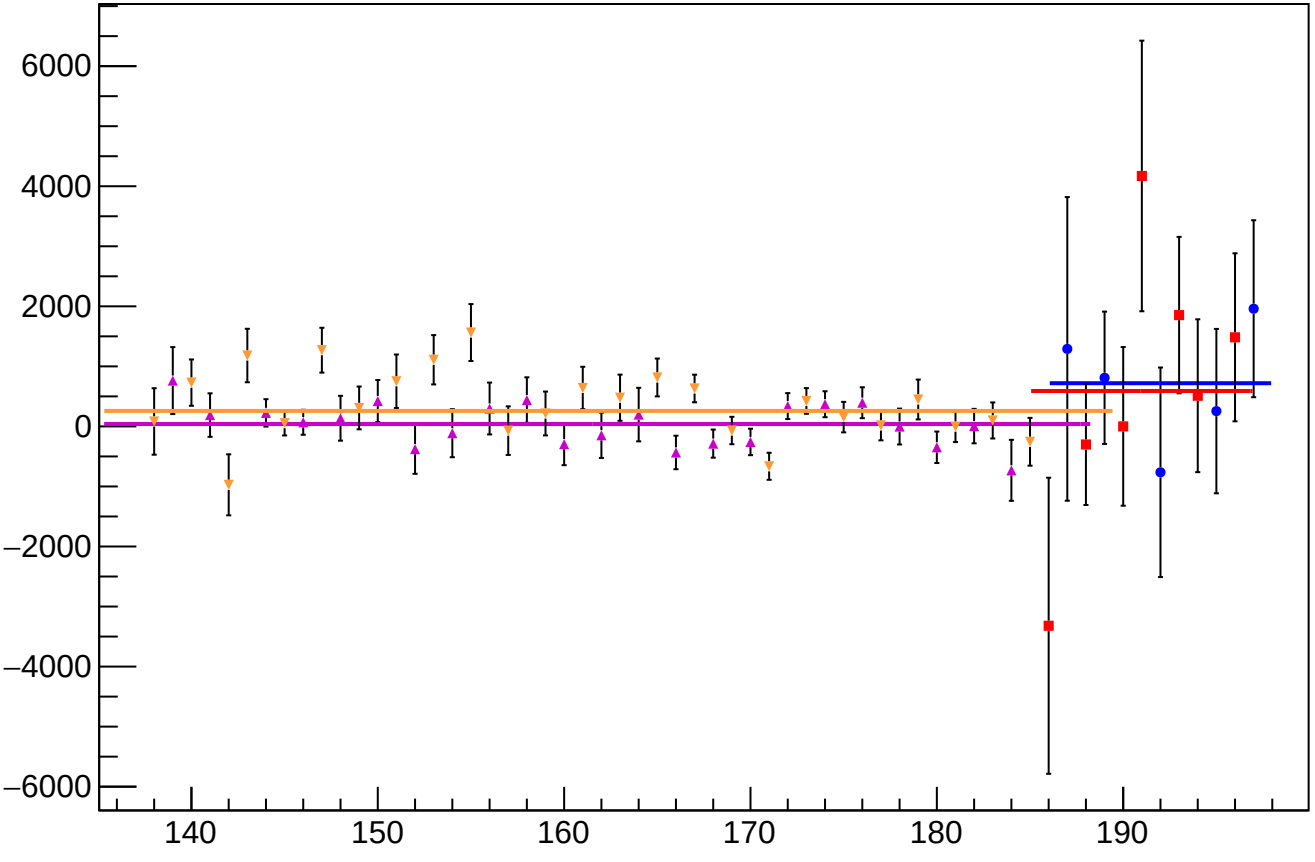
Left In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

+ sign 253.728+/-0.042 χ^2/NDF: 5945215.4/29

All: 253.771+/-0.030 χ^2/NDF: 13554301.4/59

- sign 253.813+/-0.042 χ^2/NDF: 7609083.9/29

asym_sam_37_dd_mean vs Slug



Right In: 719.479+/-659.070 χ^2/NDF: 1.6/4

Left Out: 258.044+/-61.488 χ^2/NDF:65.0/24

Right Out: 590.103+/-524.407 χ^2/NDF: 7.4/6

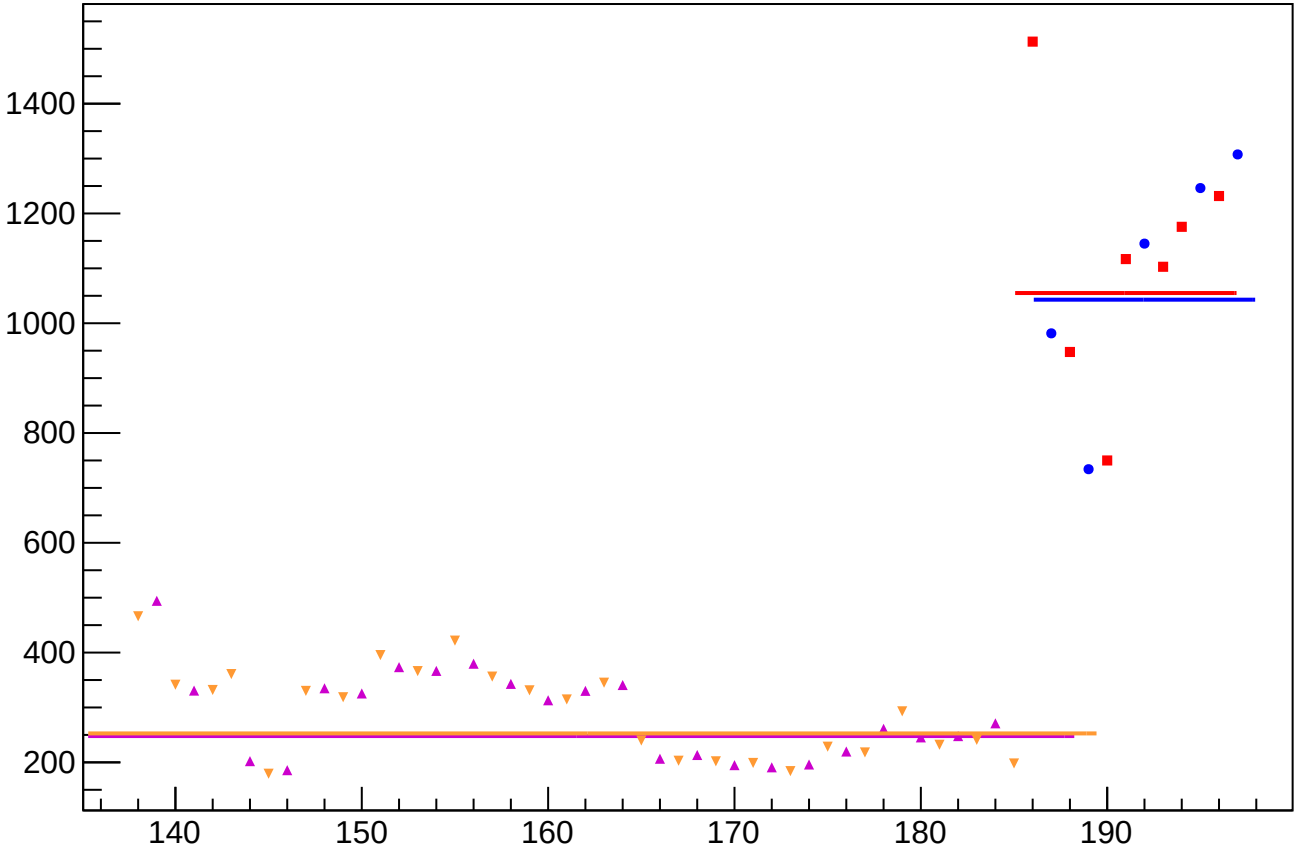
Left In: 40.015+/-61.495 χ^2/NDF:25.0/22

+ sign 262.025+/-61.222 χ^2/NDF: 67.1/29

All: 154.497+/-43.239 χ^2/NDF: 106.7/59

- sign 47.477+/-61.077 χ^2/NDF: 33.5/29

asym_sam_37_dd_rms vs Slug



Right In: 1042.916+/-0.466 χ^2/NDF: 273708.1/4

Left Out: 252.721+/-0.043 χ^2/NDF:2648800.3/24

Right Out: 1055.047+/-0.371 χ^2/NDF: 252374.2/6

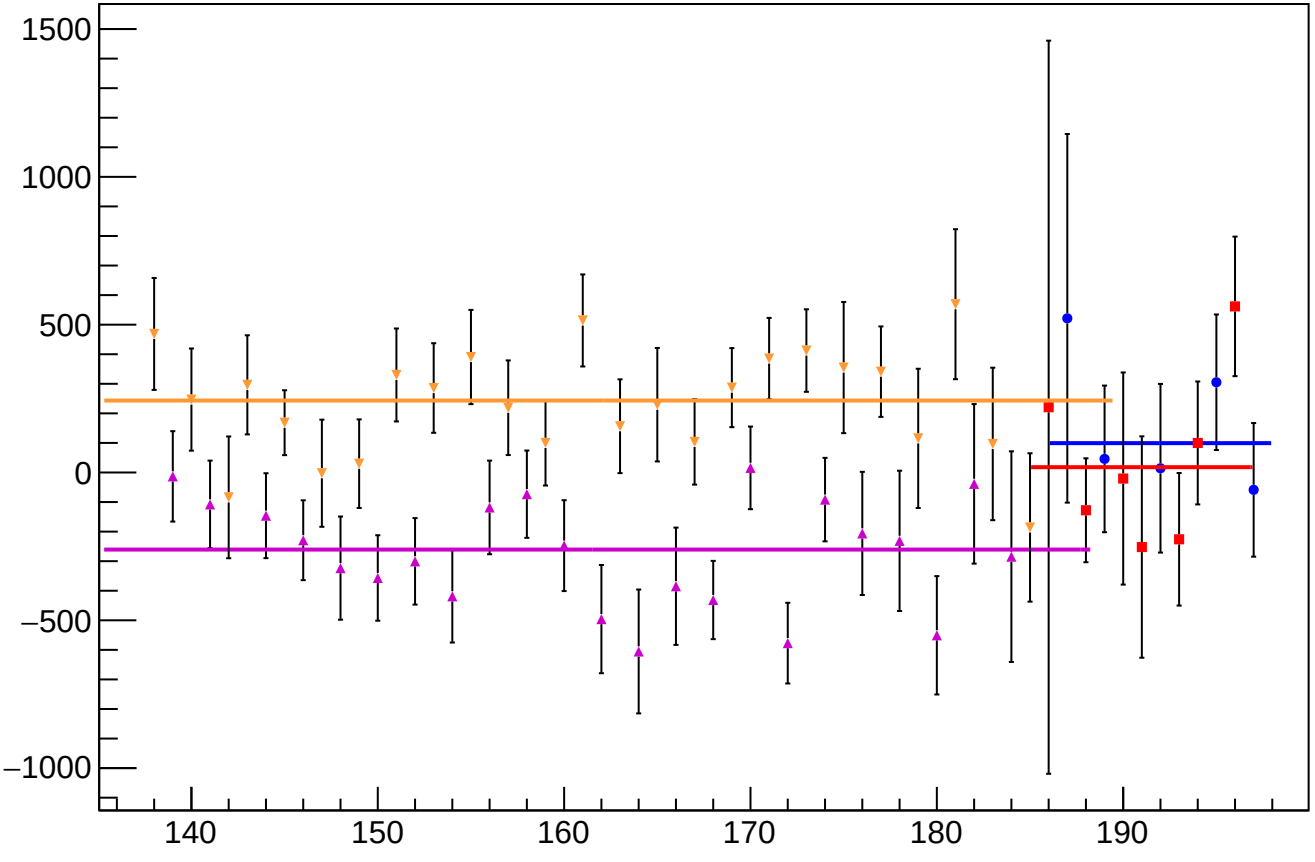
Left In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

+ sign 259.539+/-0.043 χ^2/NDF: 5772686.8/29

All: 259.202+/-0.031 χ^2/NDF: 13073429.8/59

- sign 258.867+/-0.043 χ^2/NDF: 7300622.2/29

dit_asym_sam_48_dd_mean vs Slug



Right In: 99.261+/-119.768 χ^2/NDF: 1.9/4

Left Out: 243.442+/-32.738 χ^2/NDF:23.4/24

Right Out: 17.977+/-95.828 χ^2/NDF: 7.9/6

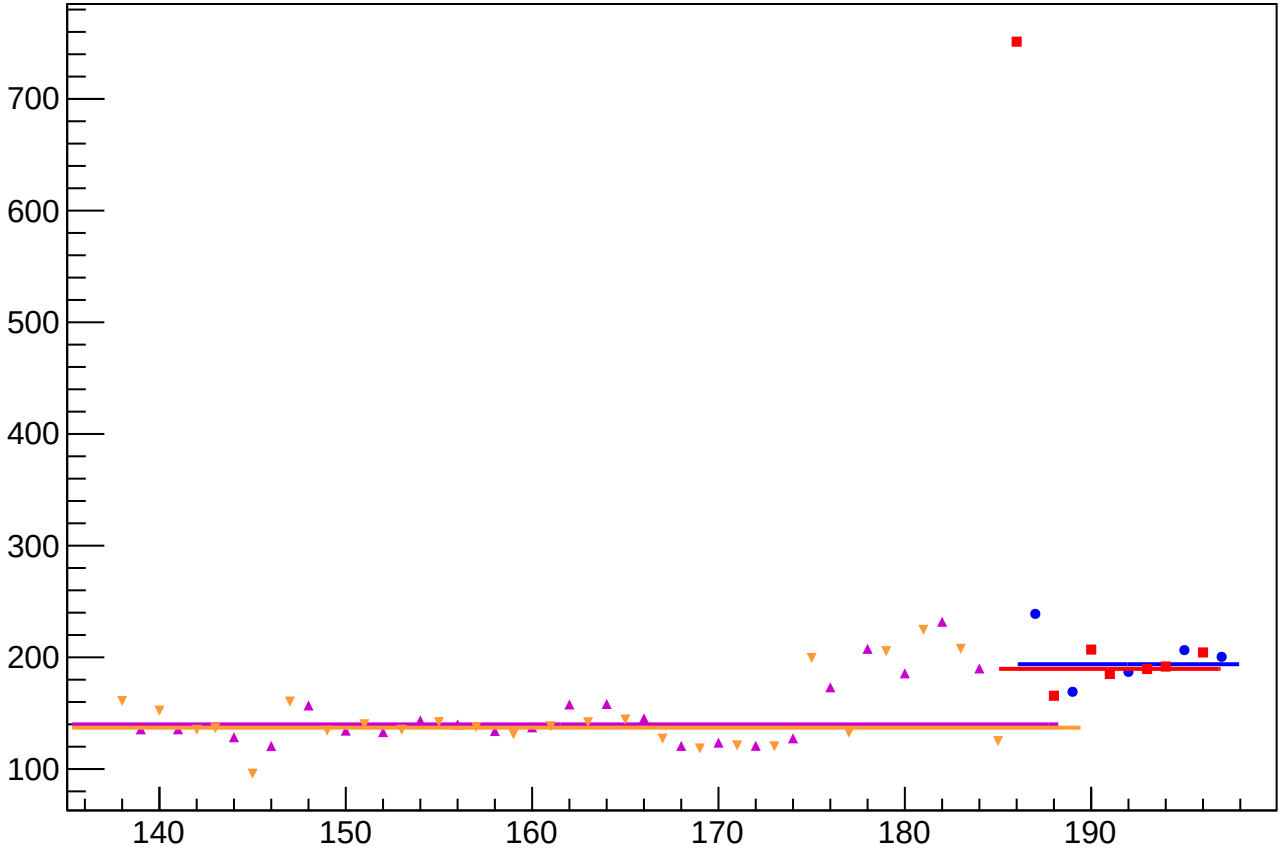
Left In: -260.749+/-33.988 χ^2/NDF:28.5/22

+ sign 233.418+/-31.580 χ^2/NDF: 26.6/29

All: 5.205+/-22.489 χ^2/NDF: 176.5/59

- sign -229.605+/-32.033 χ^2/NDF: 43.9/29

dit_asym_sam_48_dd_rms vs Slug



Right In: 193.830+/-0.085 χ^2/NDF: 39221.8/4

Left Out: 137.036+/-0.023 χ^2/NDF:1200381.2/24

Right Out: 189.671+/-0.068 χ^2/NDF: 460682.1/6

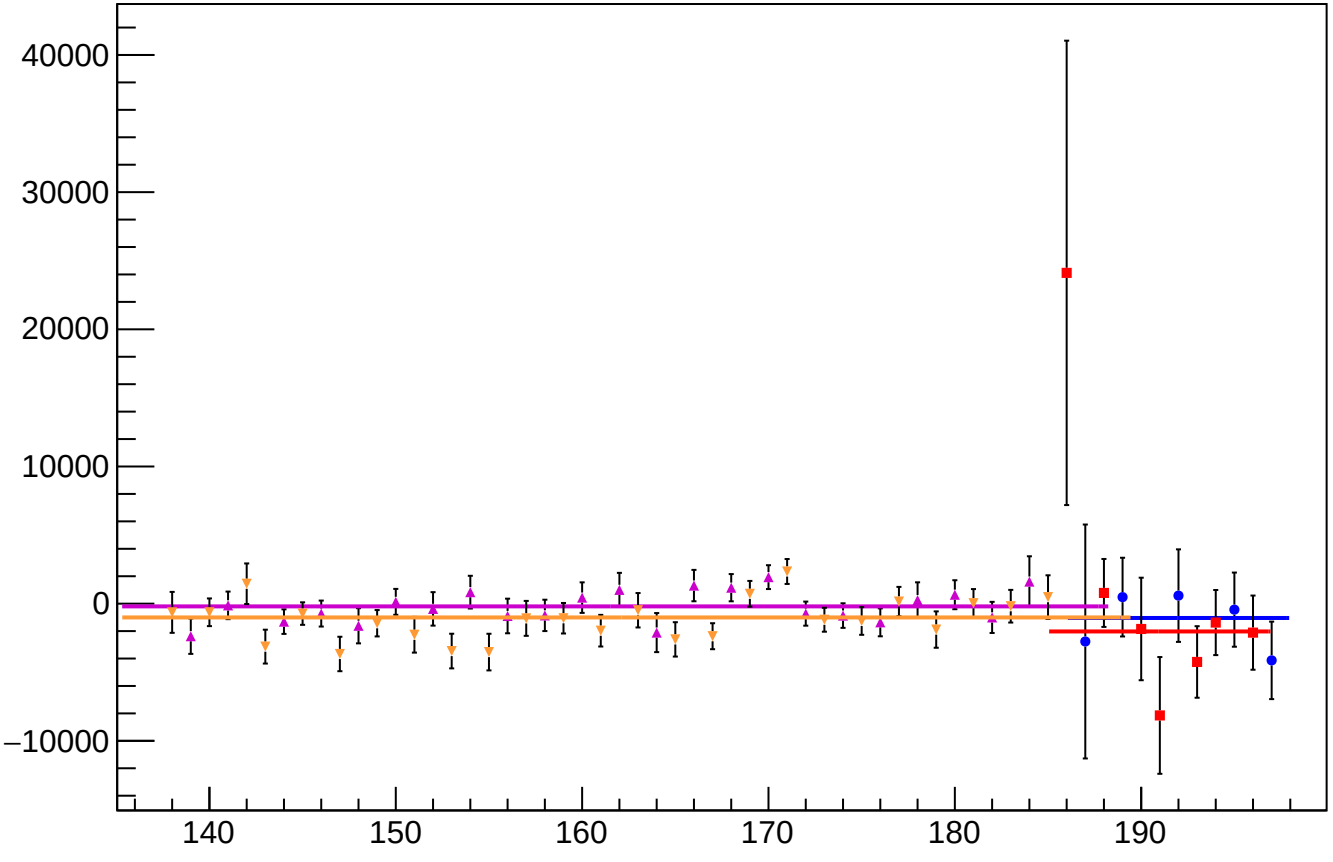
Left In: 139.966+/-0.024 χ^2/NDF:838127.9/22

+ sign 140.984+/-0.022 χ^2/NDF: 1658078.7/29

All: 143.220+/-0.016 χ^2/NDF: 3455169.6/59

- sign 145.520+/-0.023 χ^2/NDF: 1776756.9/29

asym_sam_48_dd_correction_mean vs Slug



Right In: -1043.174+/-1435.496 χ^2/NDF: 1.8/4

Left Out: -1004.364+/-222.387 χ^2/NDF:44.7/24

Right Out: -2025.657+/-1151.025 χ^2/NDF: 6.5/6

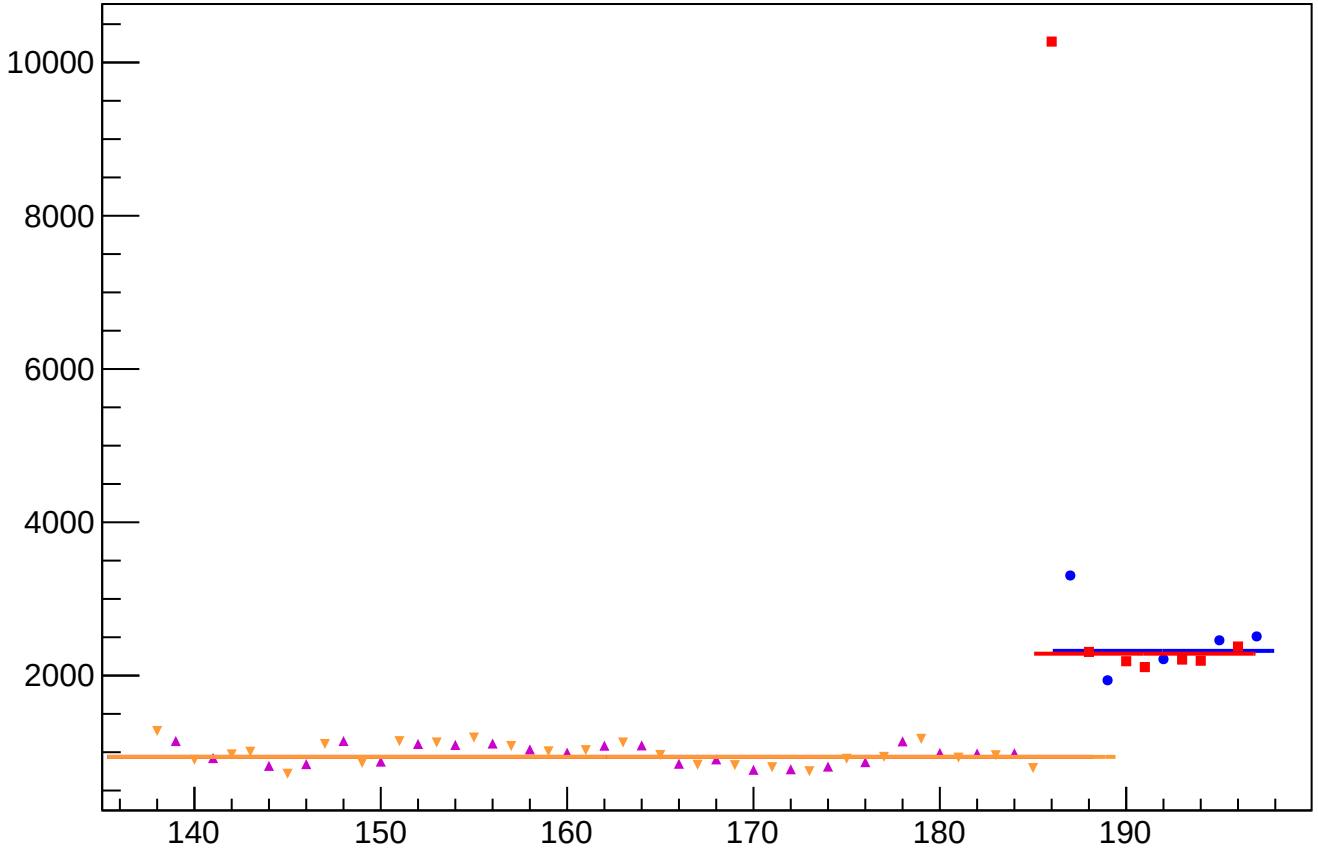
Left In: -198.654+/-225.997 χ^2/NDF:24.6/22

+ sign -1005.274+/-219.766 χ^2/NDF: 46.5/29

All: -639.216+/-156.099 χ^2/NDF: 85.7/59

- sign -266.473+/-221.763 χ^2/NDF: 33.6/29

asym_sam_48_dd_correction_rms vs Slug



Right In: 2322.259+/-1.015 χ^2/NDF: 78548.1/4

Left Out: 938.988+/-0.157 χ^2/NDF:828400.0/24

Right Out: 2285.740+/-0.814 χ^2/NDF: 457302.4/6

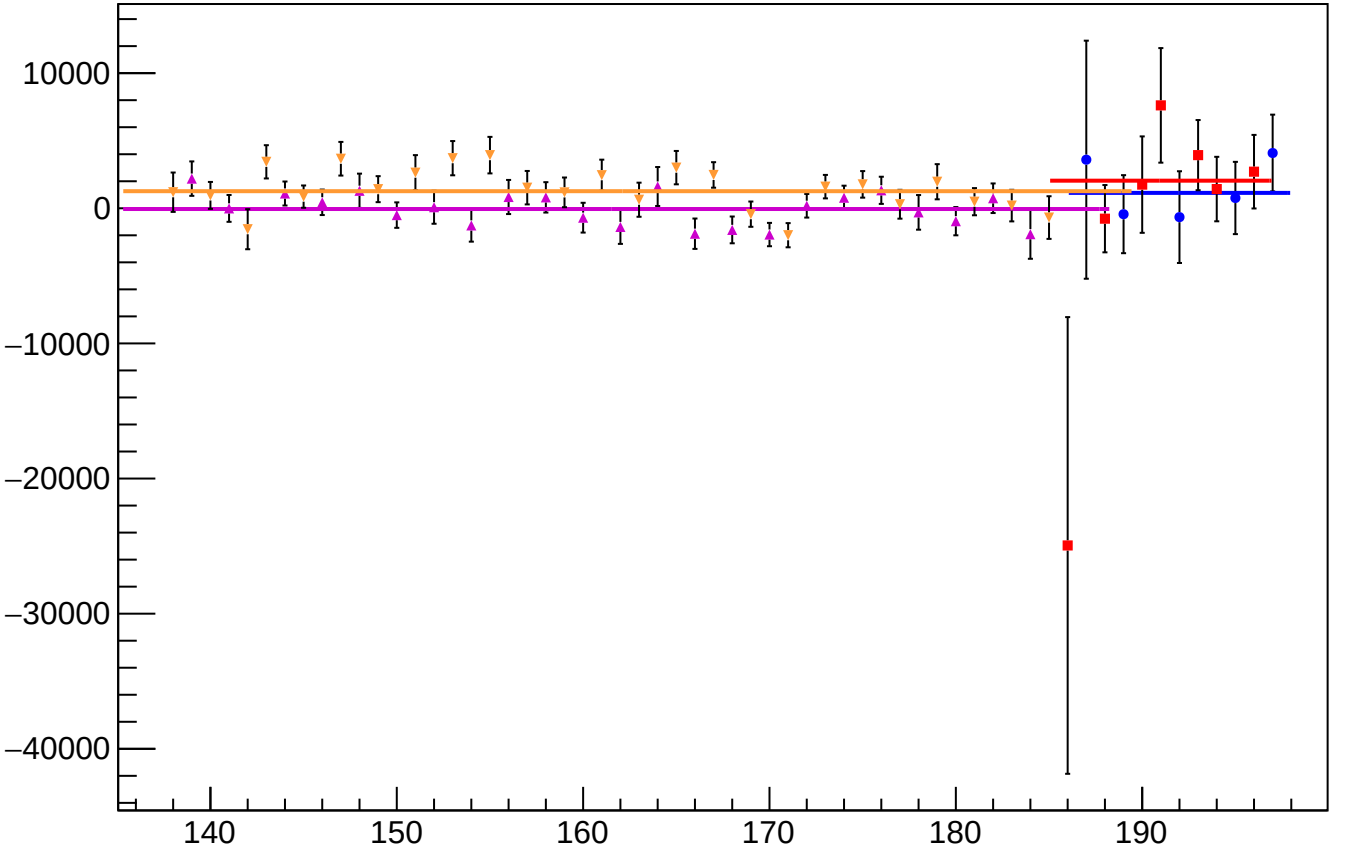
Left In: 938.755+/-0.160 χ^2/NDF:611419.0/22

+ sign 971.409+/-0.155 χ^2/NDF: 2720543.1/29

All: 980.004+/-0.110 χ^2/NDF: 6432731.2/59

- sign 988.755+/-0.157 χ^2/NDF: 3706014.5/29

asym_sam_48_dd_mean vs Slug



Right In: 1139.455+/-1438.120 χ^2/NDF: 1.8/4

Left Out: 1264.940+/-220.626 χ^2/NDF:45.5/24

Right Out: 2043.146+/-1148.620 χ^2/NDF: 6.2/6

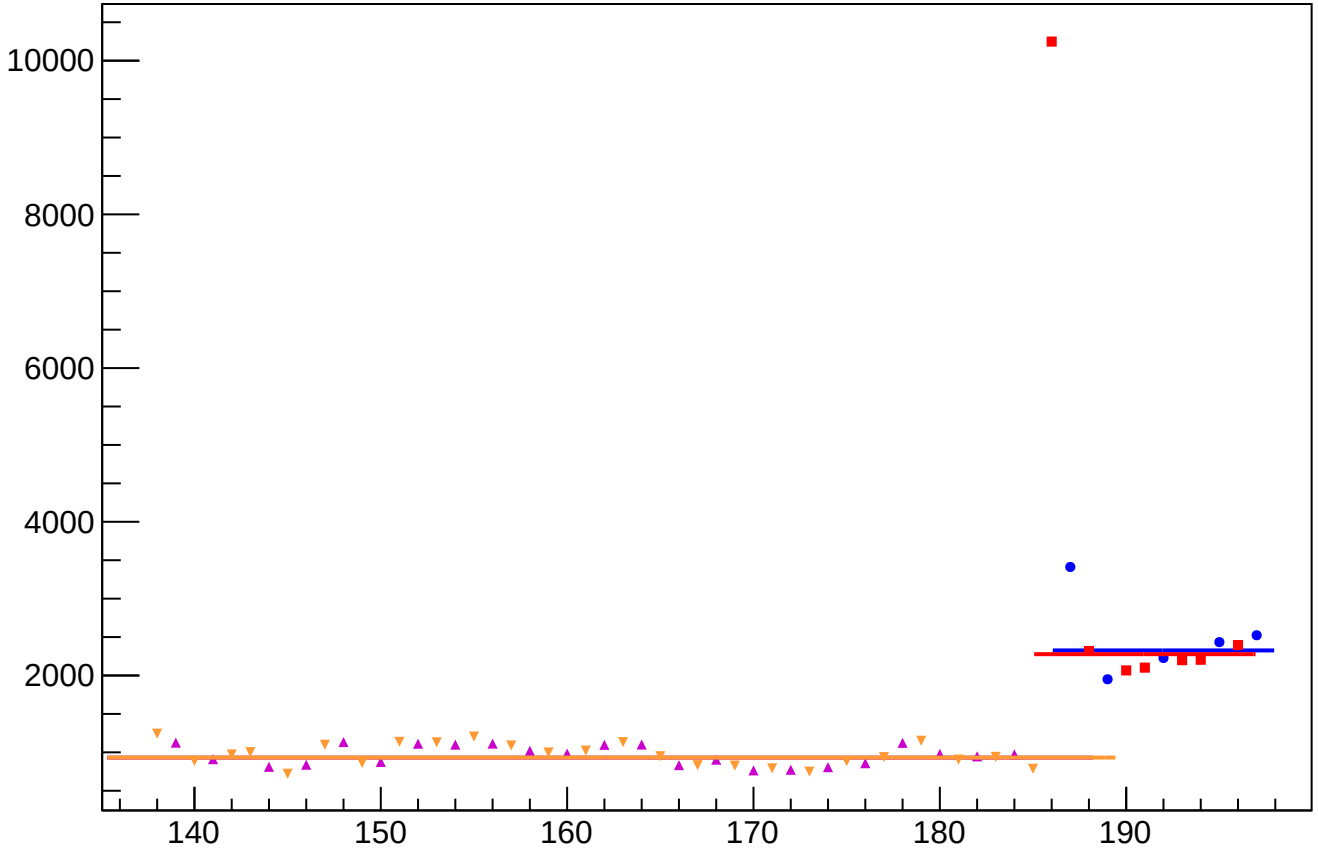
Left In: -53.940+/-224.371 χ^2/NDF:26.4/22

+ sign 1262.054+/-218.074 χ^2/NDF: 47.3/29

All: 648.630+/-154.951 χ^2/NDF: 99.1/59

- sign 23.139+/-220.209 χ^2/NDF: 35.8/29

asym_sam_48_dd_rms vs Slug



Right In: 2326.189+/-1.017 χ^2/NDF: 78804.1/4

Left Out: 932.170+/-0.156 χ^2/NDF:828733.8/24

Right Out: 2277.362+/-0.812 χ^2/NDF: 463411.6/6

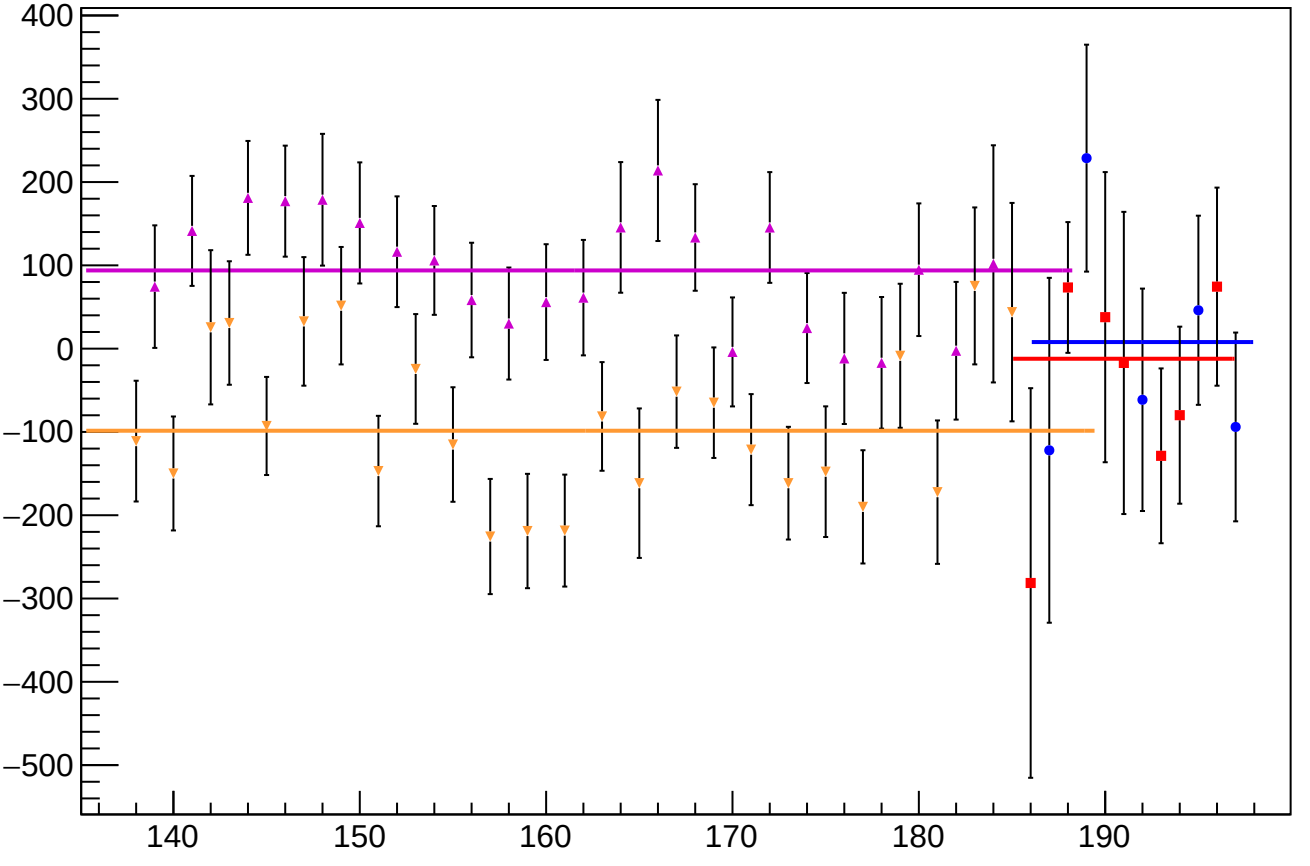
Left In: 930.854+/-0.159 χ^2/NDF:621985.5/22

+ sign 964.225+/-0.154 χ^2/NDF: 2743544.6/29

All: 972.206+/-0.110 χ^2/NDF: 6481827.7/59

- sign 980.345+/-0.156 χ^2/NDF: 3732872.0/29

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 7.910+/-58.851 χ^2/NDF: 4.2/4

Left Out: -98.557+/-14.525 χ^2/NDF:35.2/24

Right Out: -12.130+/-44.993 χ^2/NDF: 4.8/6

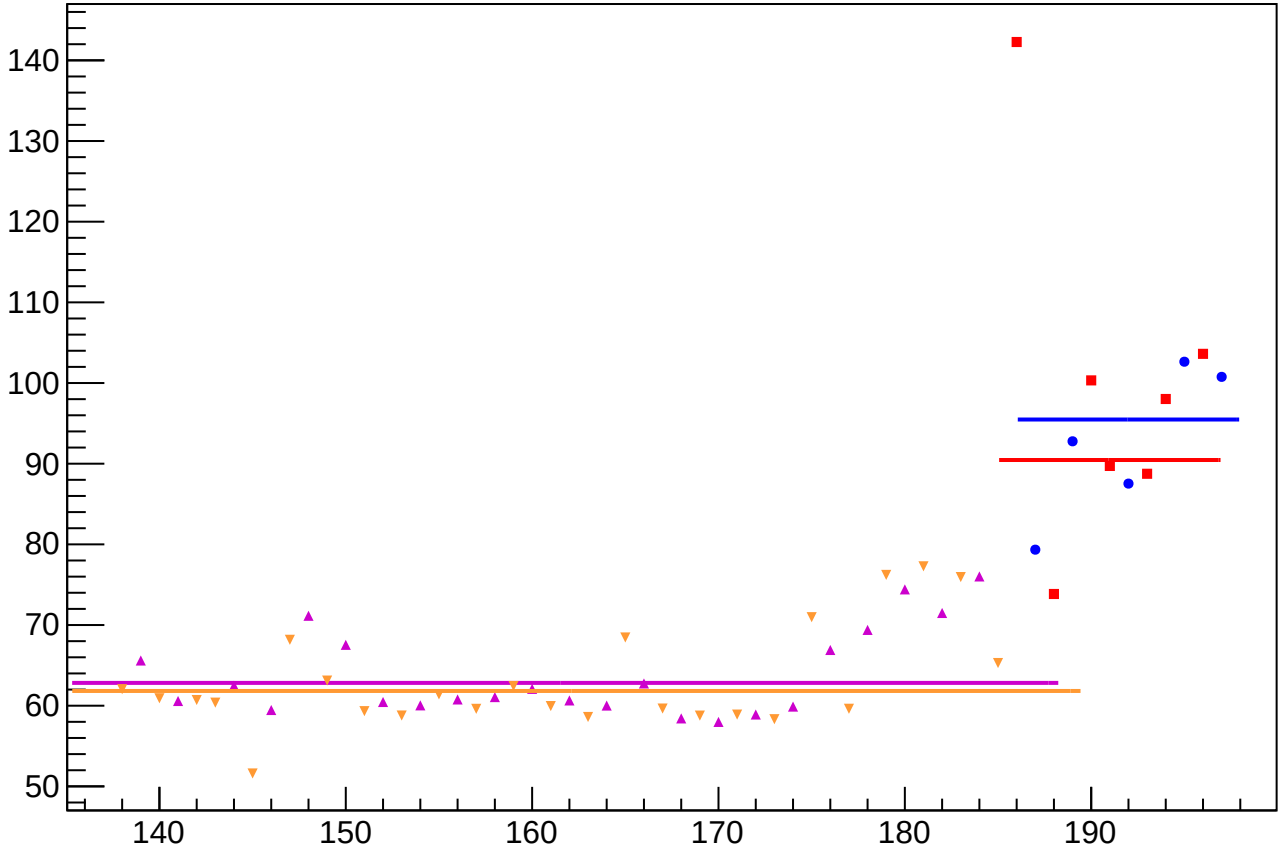
Left In: 93.899+/-15.039 χ^2/NDF:19.3/22

+ sign -92.444+/-14.102 χ^2/NDF: 42.5/29

All: -5.600+/-10.028 χ^2/NDF: 148.3/59

- sign 83.244+/-14.263 χ^2/NDF: 29.0/29

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 95.476+/-0.042 χ^2/NDF: 32329.6/4

Left Out: 61.827+/-0.010 χ^2/NDF:313572.8/24

Right Out: 90.457+/-0.032 χ^2/NDF: 229305.8/6

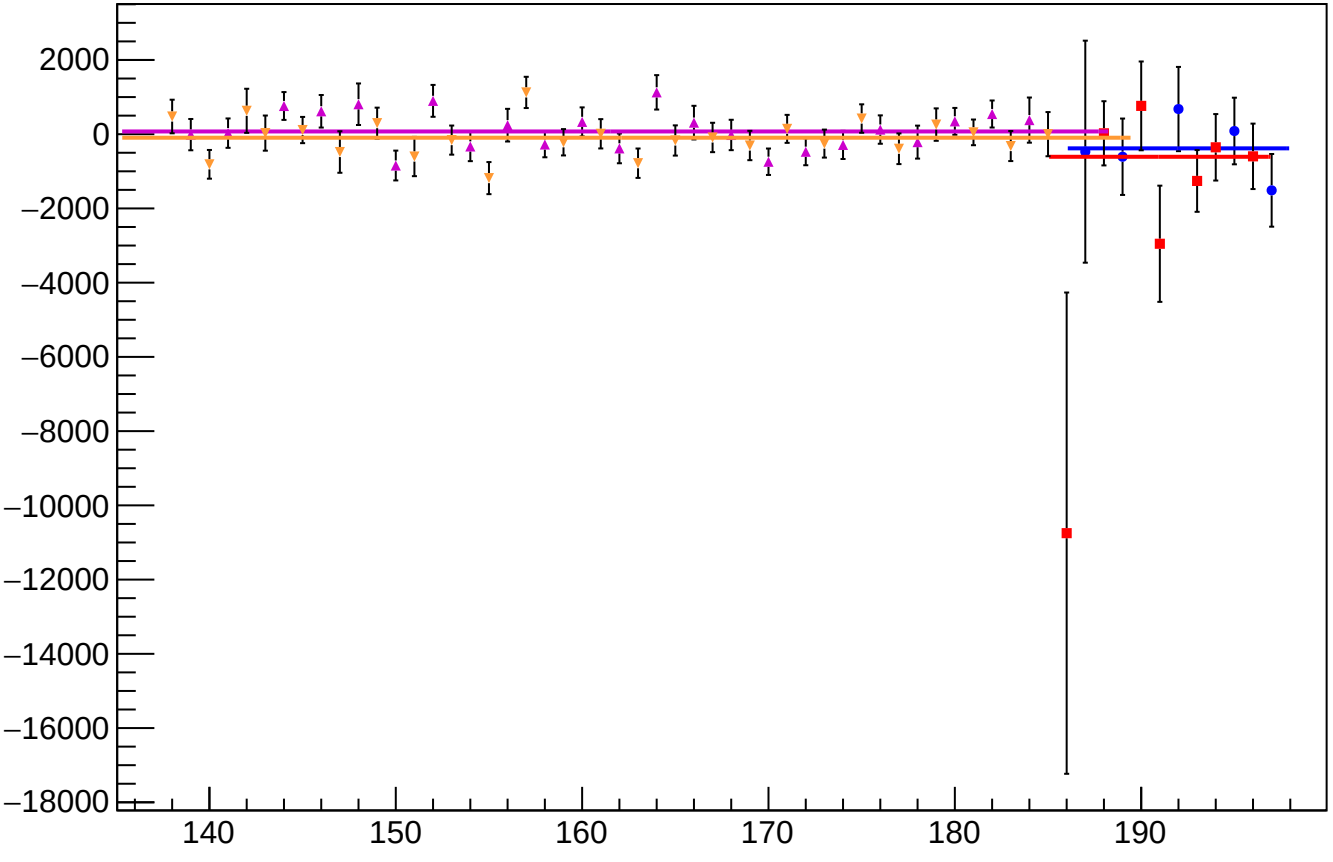
Left In: 62.827+/-0.011 χ^2/NDF:187007.2/22

+ sign 63.759+/-0.010 χ^2/NDF: 962203.6/29

All: 64.671+/-0.007 χ^2/NDF: 2073837.6/59

- sign 65.604+/-0.010 χ^2/NDF: 1094714.4/29

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -381.403+/-492.821 χ^2/NDF: 2.5/4

Left Out: -94.907+/-82.850 χ^2/NDF:31.6/24

Right Out: -608.592+/-393.817 χ^2/NDF: 7.2/6

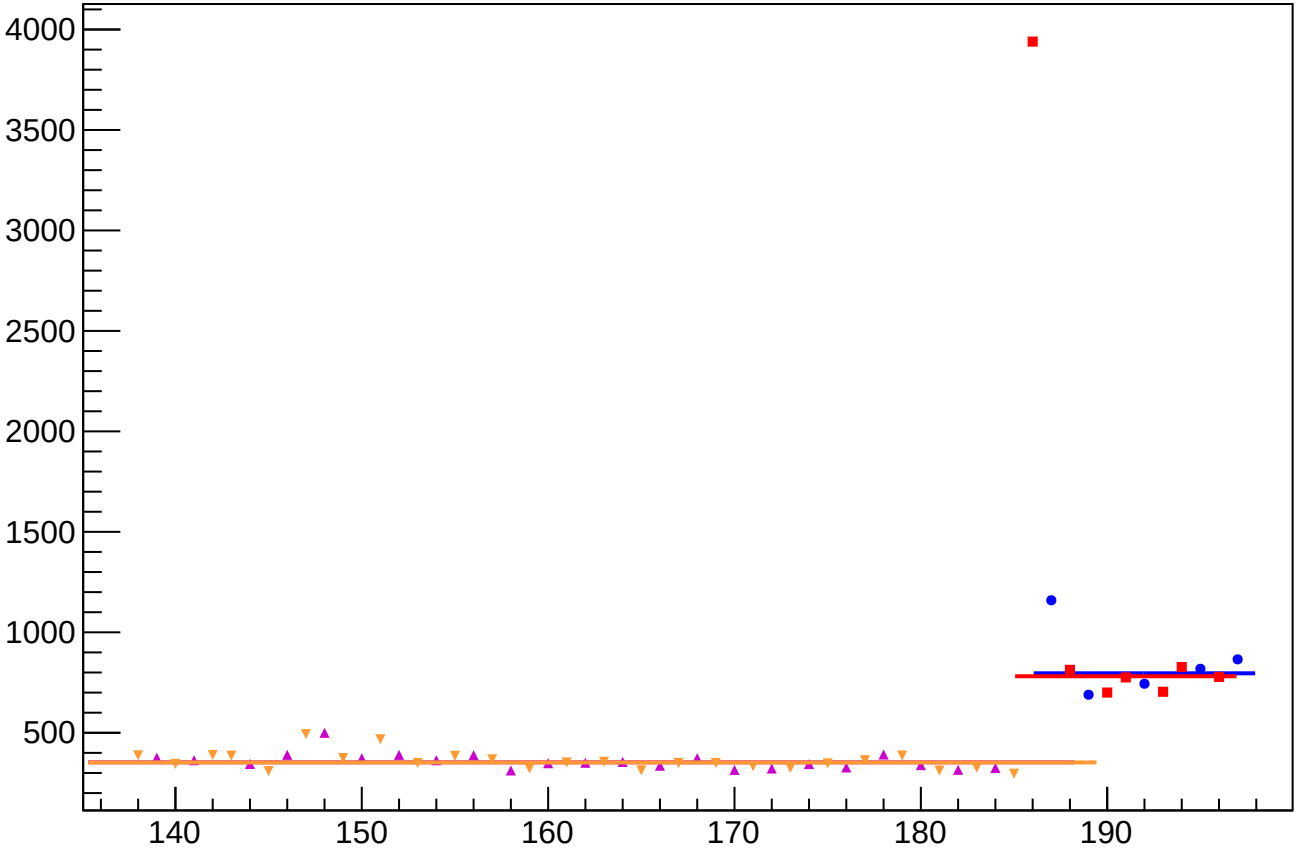
Left In: 73.914+/-84.652 χ^2/NDF:36.4/22

+ sign -102.781+/-81.703 χ^2/NDF: 34.4/29

All: -30.448+/-58.143 χ^2/NDF: 82.5/59

- sign 43.772+/-82.762 χ^2/NDF: 46.5/29

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 796.032+/-0.348 χ^2/NDF: 66454.8/4

Left Out: 352.403+/-0.059 χ^2/NDF:418506.2/24

Right Out: 781.351+/-0.278 χ^2/NDF: 509120.8/6

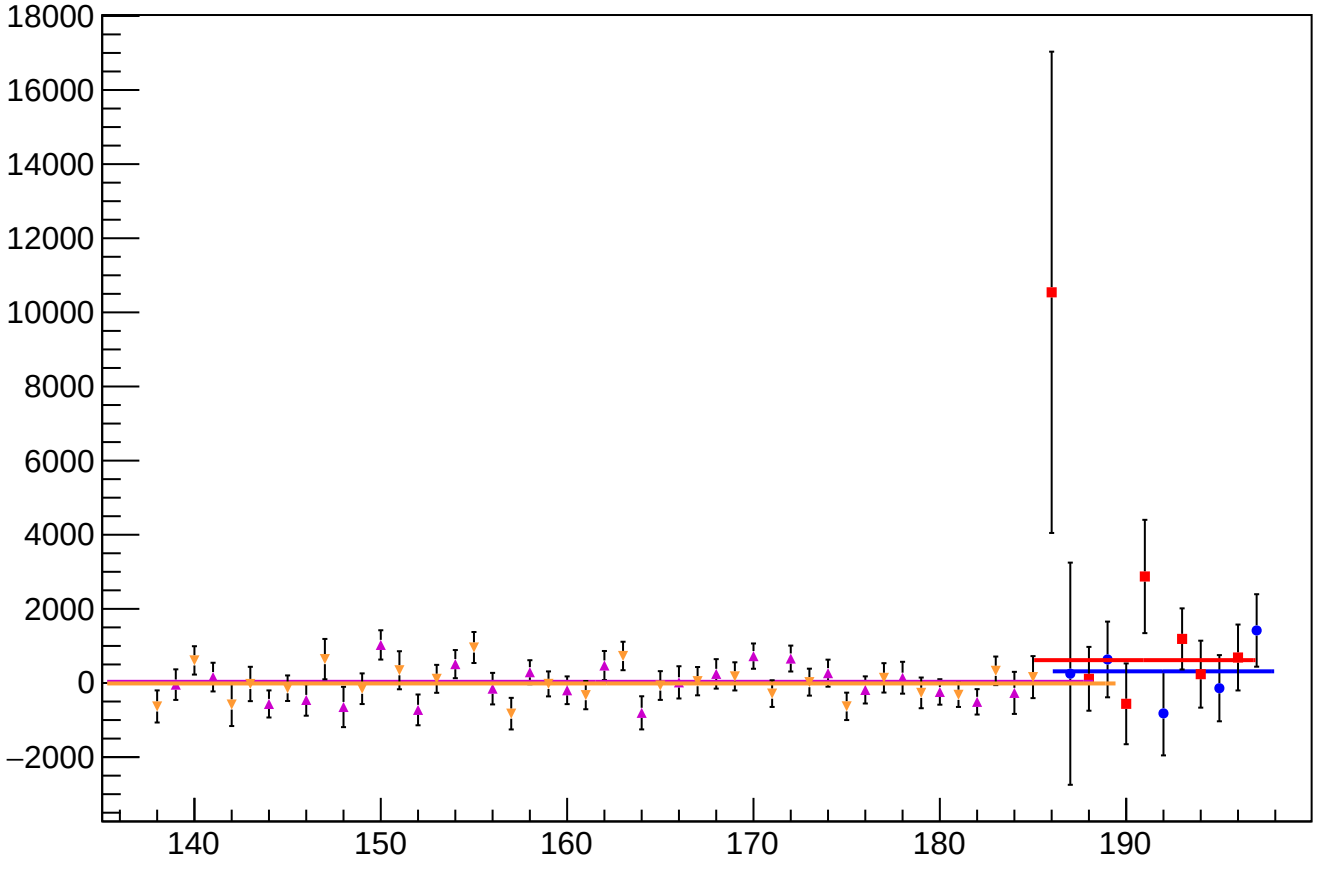
Left In: 353.197+/-0.060 χ^2/NDF:321761.0/22

+ sign 364.596+/-0.058 χ^2/NDF: 2061082.2/29

All: 368.303+/-0.041 χ^2/NDF: 5159867.0/59

- sign 372.106+/-0.059 χ^2/NDF: 3090444.1/29

asym_sam_13_57_dd_mean vs Slug



Right In: 314.717+/-491.026 χ^2/NDF: 2.6/4

Left Out: -12.545+/-79.984 χ^2/NDF:27.3/24

Right Out: 616.435+/-389.139 χ^2/NDF: 6.7/6

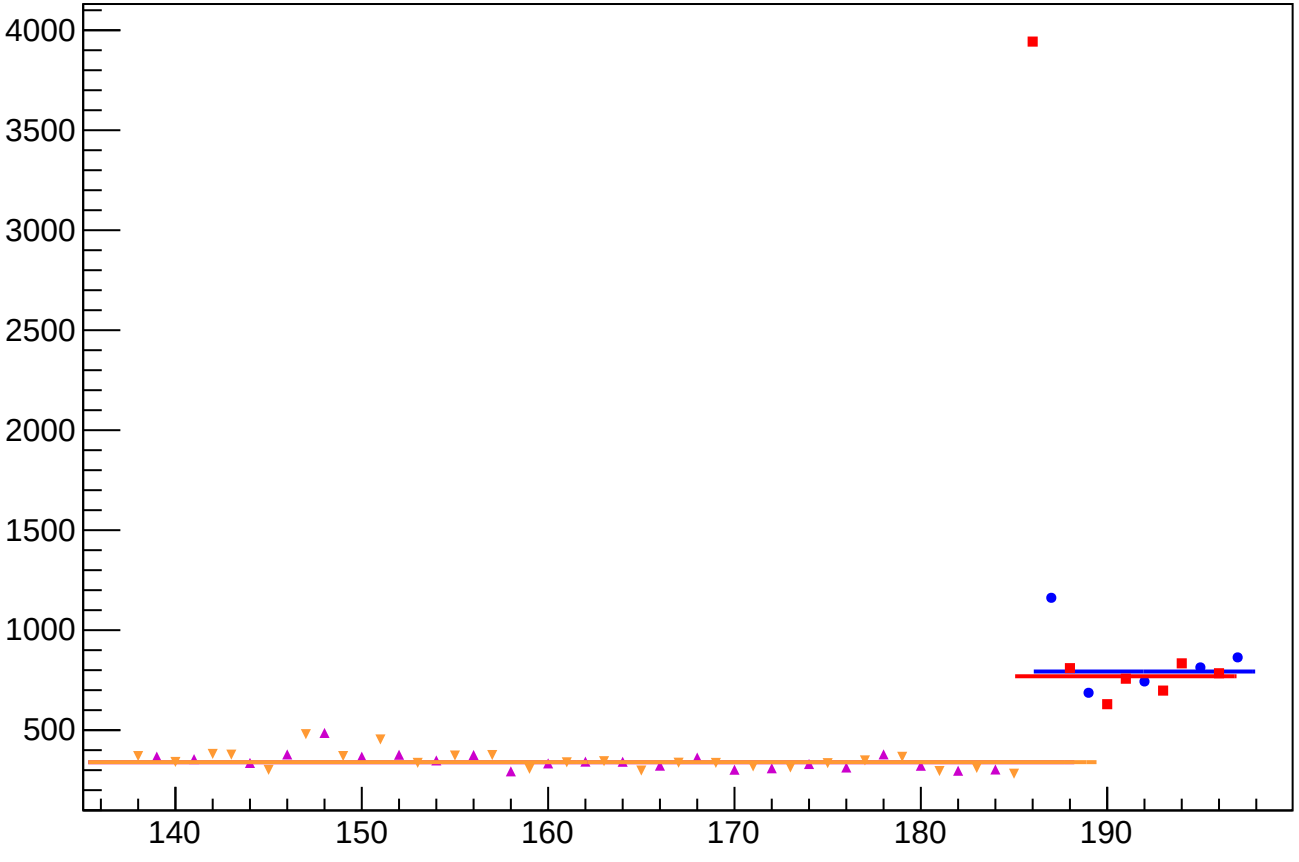
Left In: 31.531+/-81.476 χ^2/NDF:34.8/22

+ sign -4.086+/-78.944 χ^2/NDF: 30.4/29

All: 25.700+/-56.103 χ^2/NDF: 74.3/59

- sign 56.095+/-79.747 χ^2/NDF: 43.6/29

asym_sam_13_57_dd_rms vs Slug



Right In: 793.270+/-0.347 χ^2/NDF: 67302.8/4

Left Out: 340.018+/-0.057 χ^2/NDF:465345.1/24

Right Out: 769.501+/-0.275 χ^2/NDF: 541058.9/6

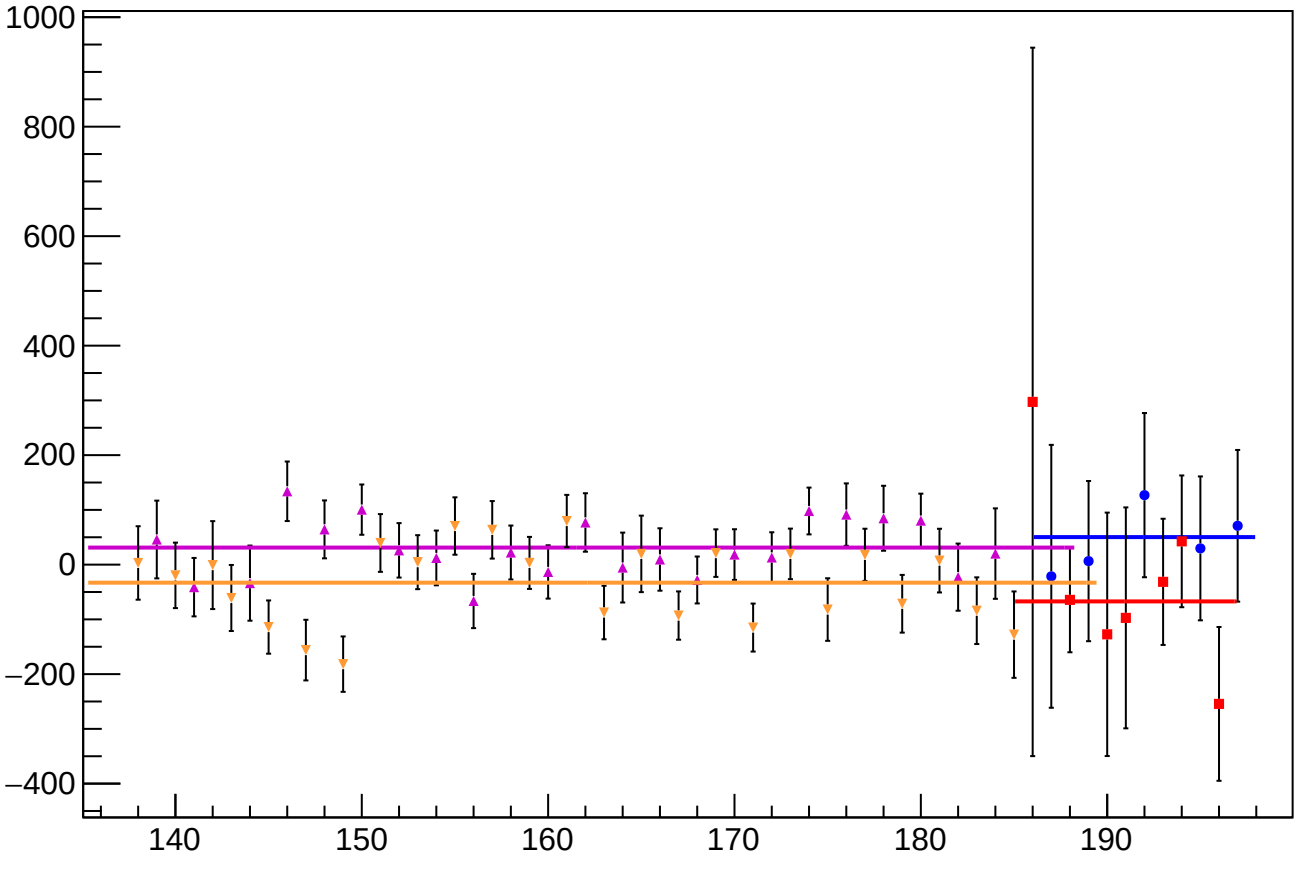
Left In: 339.571+/-0.058 χ^2/NDF:377816.0/22

+ sign 351.734+/-0.056 χ^2/NDF: 2192720.3/29

All: 354.650+/-0.040 χ^2/NDF: 5455856.2/59

- sign 357.626+/-0.056 χ^2/NDF: 3257620.6/29

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 50.291+/-67.651 χ^2/NDF: 0.5/4

Left Out: -32.964+/-10.578 χ^2/NDF:48.0/24

Right Out: -67.168+/-53.352 χ^2/NDF: 3.1/6

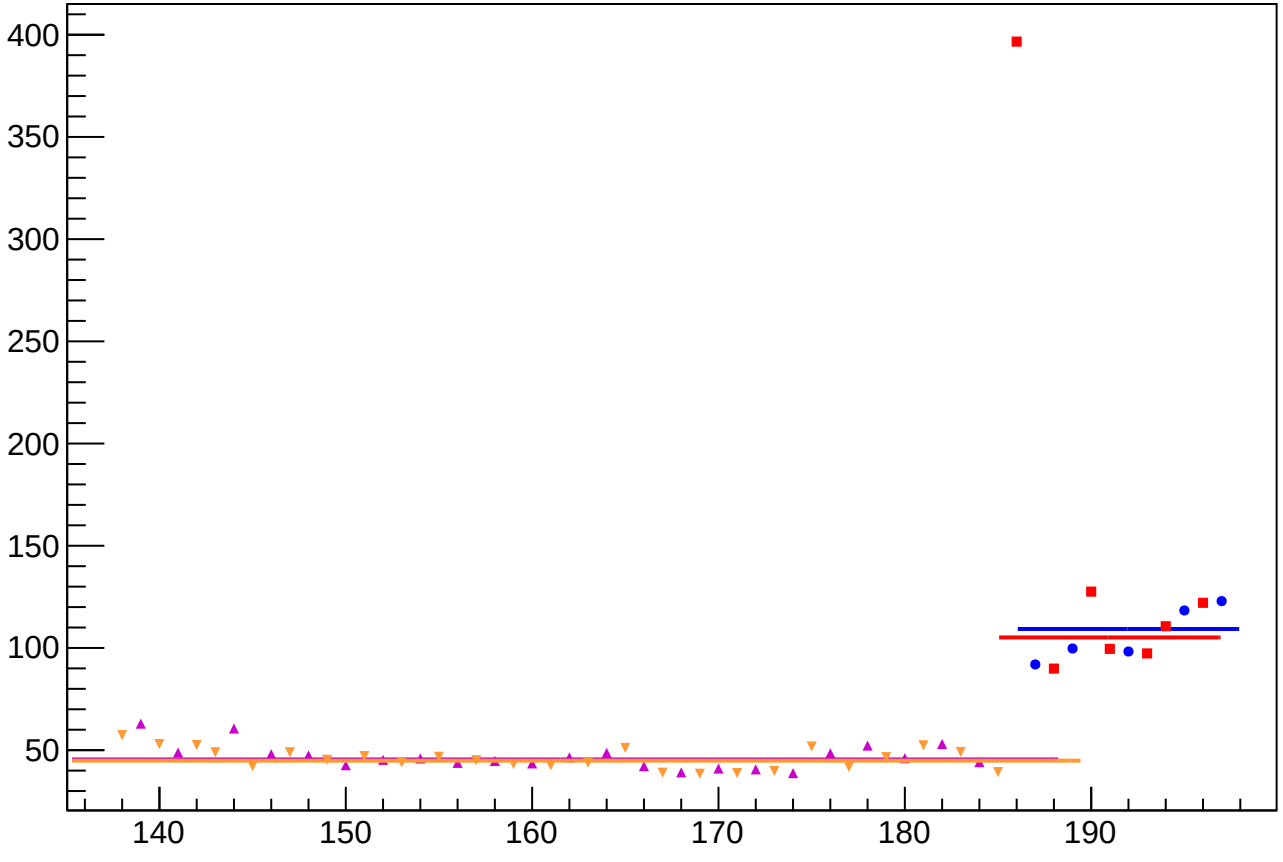
Left In: 31.144+/-10.958 χ^2/NDF:23.4/22

+ sign -30.977+/-10.451 χ^2/NDF: 50.0/29

All: -2.683+/-7.488 χ^2/NDF: 94.9/59

- sign 27.165+/-10.734 χ^2/NDF: 29.8/29

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 109.279+/-0.048 χ^2/NDF: 58669.5/4

Left Out: 44.862+/-0.007 χ^2/NDF:415524.3/24

Right Out: 105.139+/-0.038 χ^2/NDF: 520878.0/6

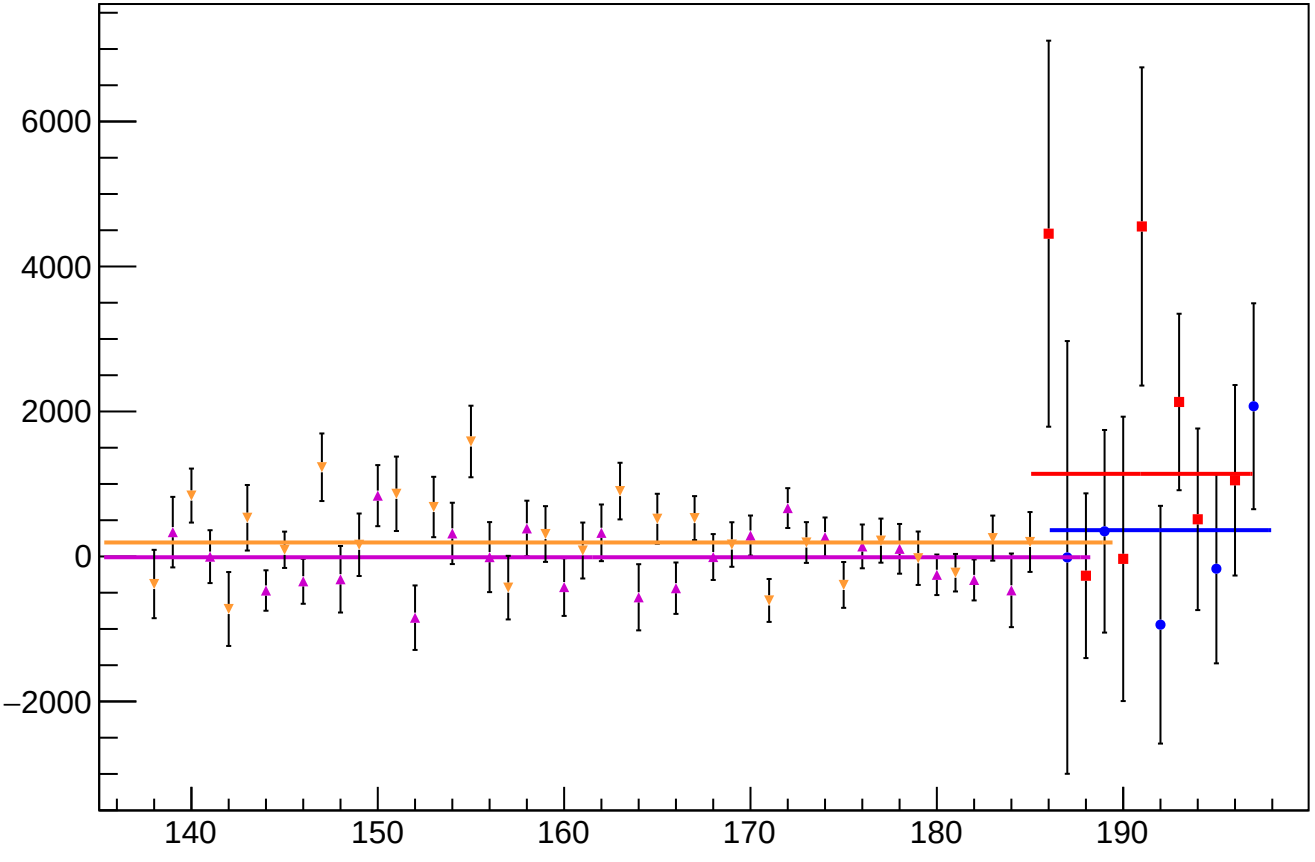
Left In: 45.465+/-0.008 χ^2/NDF:457021.7/22

+ sign 46.399+/-0.007 χ^2/NDF: 2244279.6/29

All: 47.120+/-0.005 χ^2/NDF: 5642583.3/59

- sign 47.880+/-0.008 χ^2/NDF: 3378752.0/29

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 362.803+/-693.519 χ^2/NDF: 2.3/4

Left Out: 192.946+/-70.968 χ^2/NDF:45.8/24

Right Out: 1139.761+/-552.582 χ^2/NDF: 6.8/6

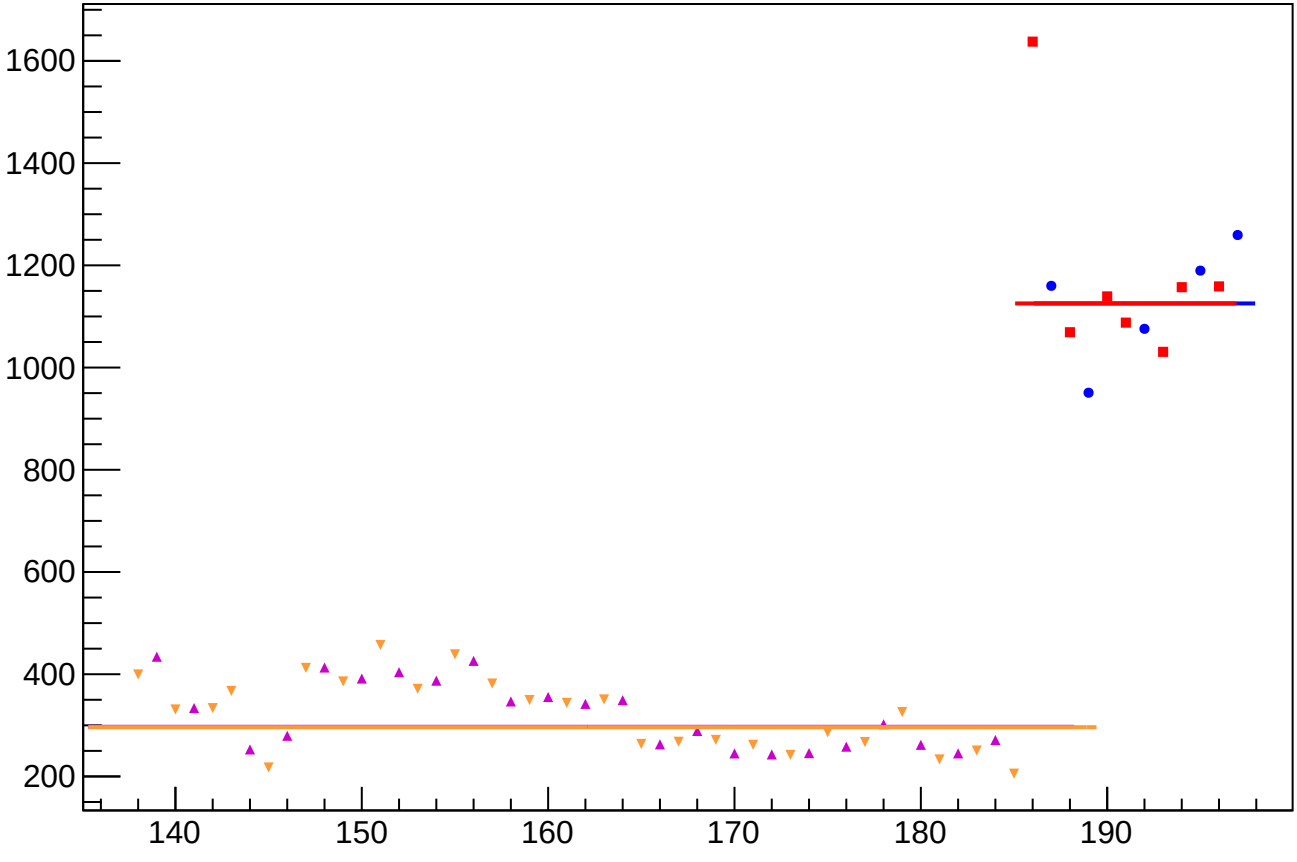
Left In: -10.801+/-72.300 χ^2/NDF:30.2/22

+ sign 194.706+/-70.599 χ^2/NDF: 48.1/29

All: 103.061+/-50.302 χ^2/NDF: 92.8/59

- sign 8.564+/-71.689 χ^2/NDF: 41.3/29

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 1125.460+/-0.490 χ^2/NDF: 55977.1/4

Left Out: 296.383+/-0.050 χ^2/NDF:1635498.4/24

Right Out: 1125.473+/-0.391 χ^2/NDF: 94310.2/6

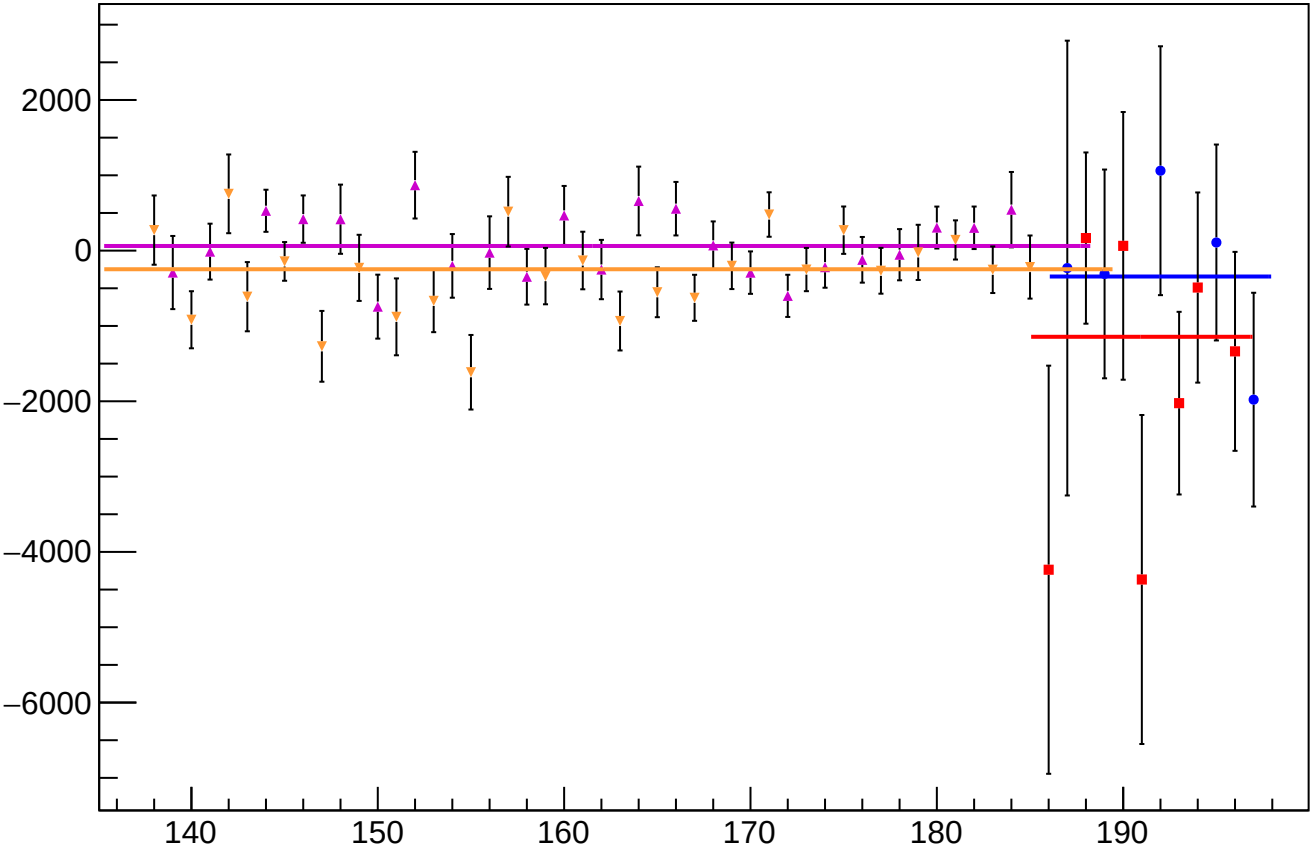
Left In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

+ sign 304.975+/-0.050 χ^2/NDF: 4520120.2/29

All: 307.980+/-0.036 χ^2/NDF: 10361058.0/59

- sign 311.079+/-0.051 χ^2/NDF: 5833577.4/29

asym_sam_15_37_dd_mean vs Slug



Right In: -343.638+/-692.607 χ^2/NDF: 2.2/4

Left Out: -247.108+/-71.218 χ^2/NDF:43.6/24

Right Out: -1143.908+/-549.027 χ^2/NDF: 6.1/6

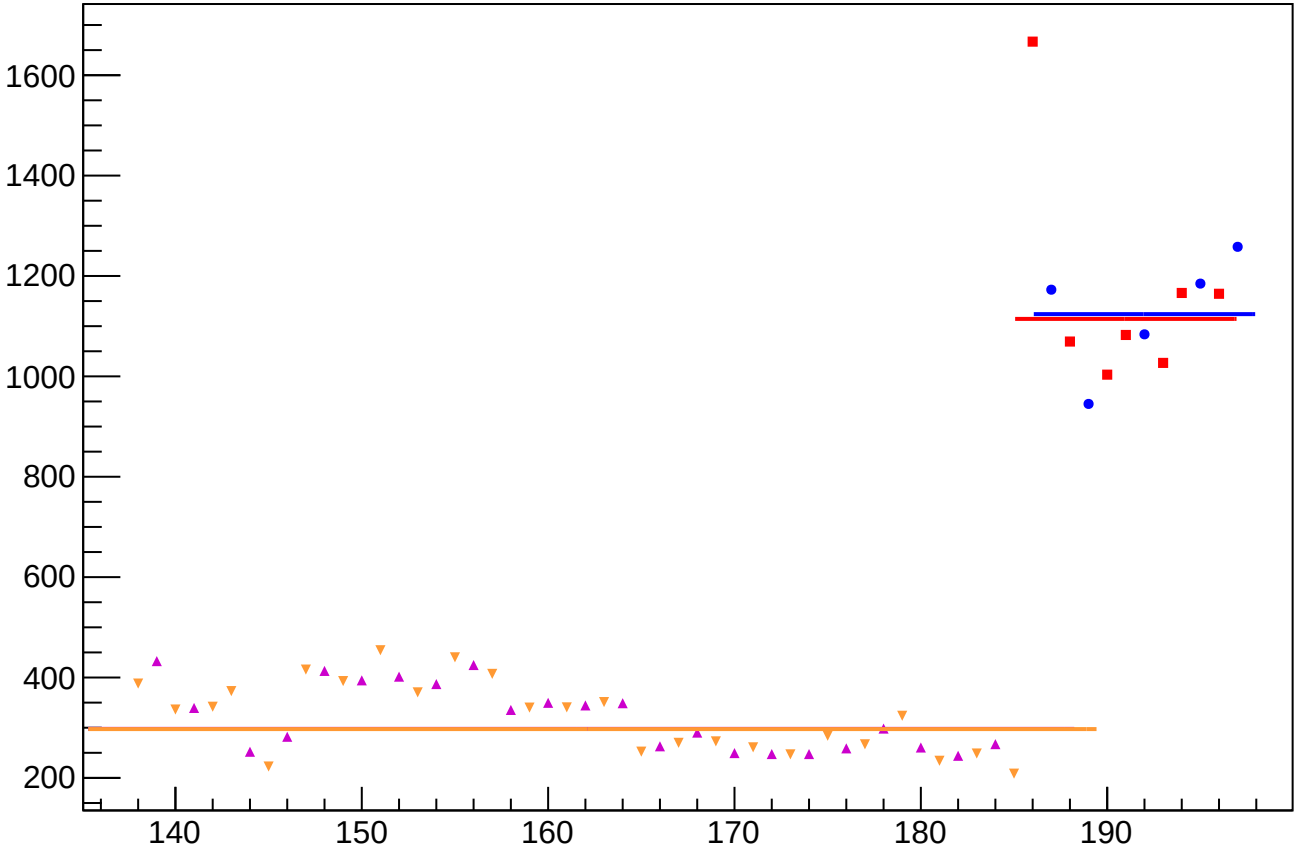
Left In: 61.707+/-72.478 χ^2/NDF:30.3/22

+ sign -248.118+/-70.844 χ^2/NDF: 45.8/29

All: -105.577+/-50.448 χ^2/NDF: 95.1/59

- sign 41.056+/-71.854 χ^2/NDF: 41.2/29

asym_sam_15_37_dd_rms vs Slug



Right In: 1123.994+/-0.490 χ^2/NDF: 57264.4/4

Left Out: 297.273+/-0.050 χ^2/NDF:1627904.5/24

Right Out: 1114.476+/-0.388 χ^2/NDF: 111210.1/6

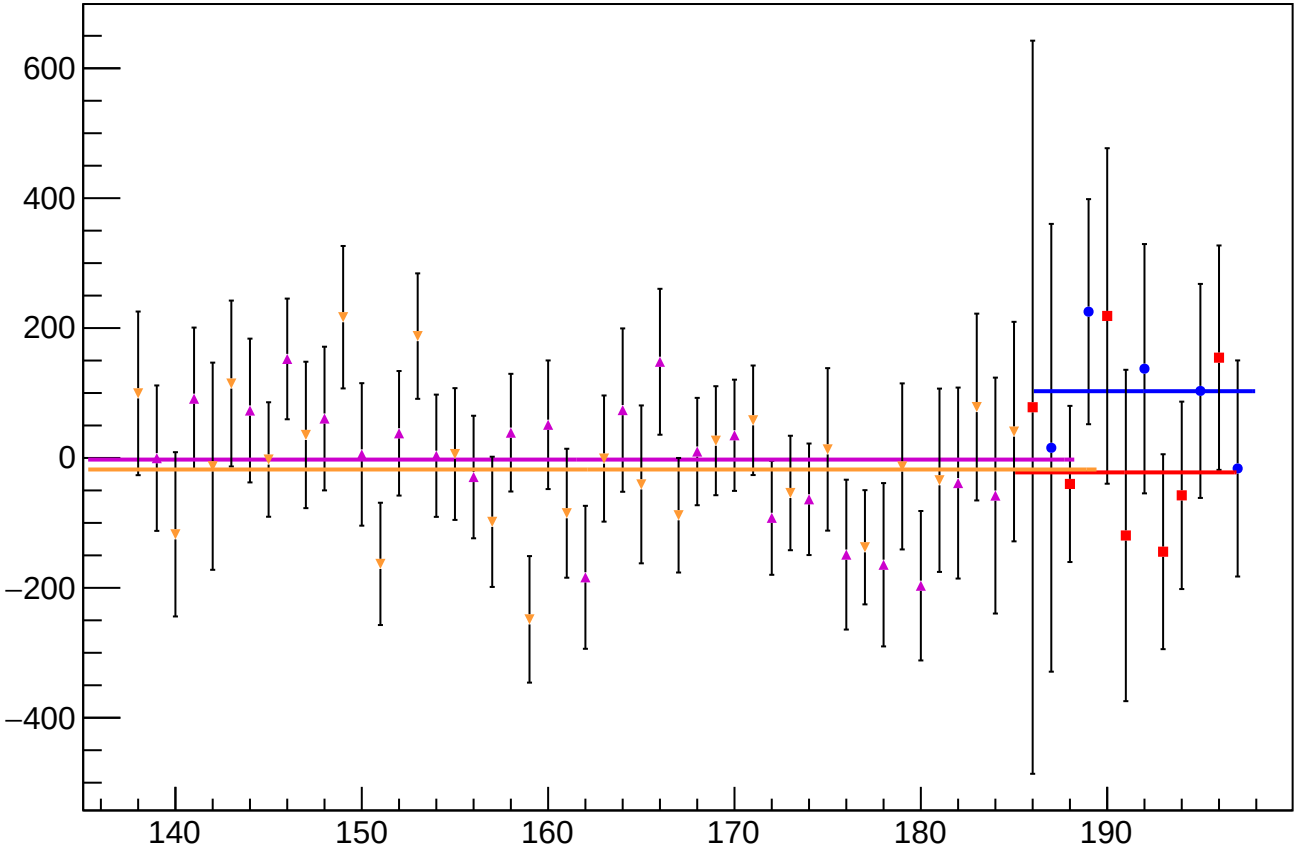
Left In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

+ sign 305.922+/-0.050 χ^2/NDF: 4504893.2/29

All: 308.764+/-0.036 χ^2/NDF: 10247836.1/59

- sign 311.686+/-0.051 χ^2/NDF: 5736417.1/29

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 102.801+/-83.971 χ^2/NDF: 1.1/4

Left Out: -17.764+/-21.121 χ^2/NDF:25.5/24

Right Out: -22.233+/-66.136 χ^2/NDF: 2.8/6

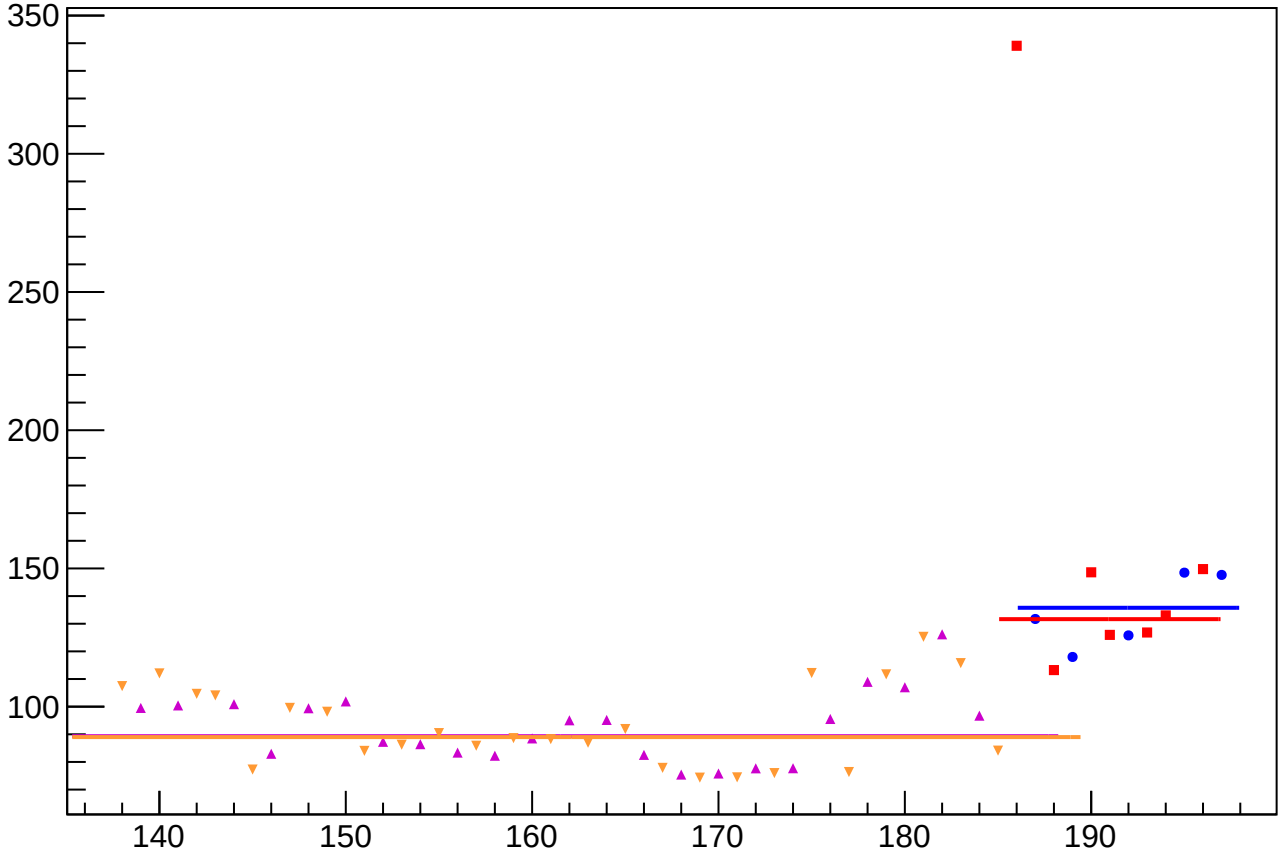
Left In: -2.505+/-21.582 χ^2/NDF:18.0/22

+ sign -10.590+/-20.483 χ^2/NDF: 28.6/29

All: -7.502+/-14.496 χ^2/NDF: 49.5/59

- sign -4.404+/-20.517 χ^2/NDF: 20.9/29

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 135.770+/-0.059 χ^2/NDF: 48876.4/4

Left Out: 88.991+/-0.015 χ^2/NDF:807471.2/24

Right Out: 131.657+/-0.047 χ^2/NDF: 350899.4/6

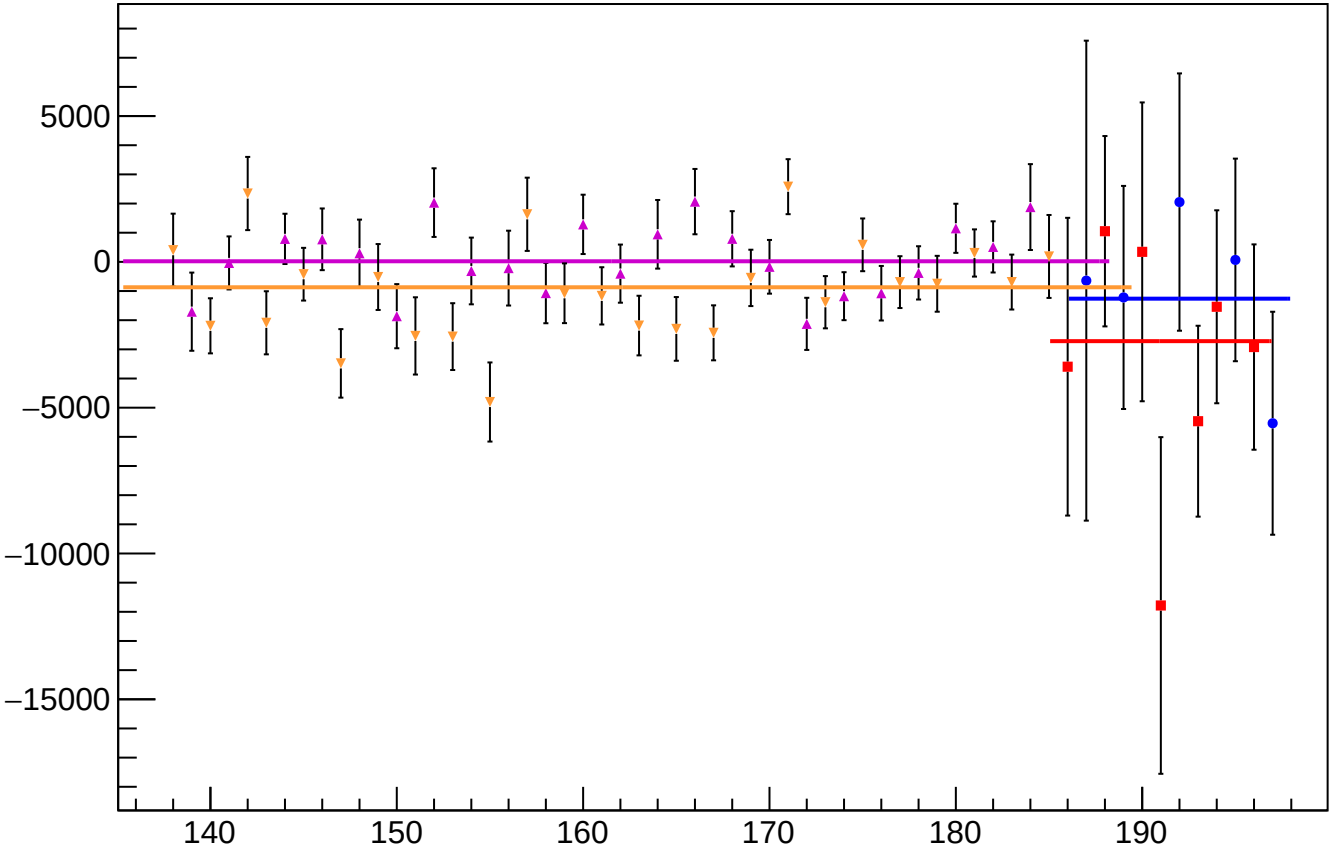
Left In: 89.321+/-0.015 χ^2/NDF:560433.9/22

+ sign 91.774+/-0.014 χ^2/NDF: 1440113.5/29

All: 92.584+/-0.010 χ^2/NDF: 3098375.9/59

- sign 93.396+/-0.015 χ^2/NDF: 1652003.8/29

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -1261.759+/-1870.614 χ^2/NDF: 2.0/4

Left Out: -871.061+/-205.986 χ^2/NDF:57.6/24

Right Out: -2718.568+/-1465.342 χ^2/NDF: 5.0/6

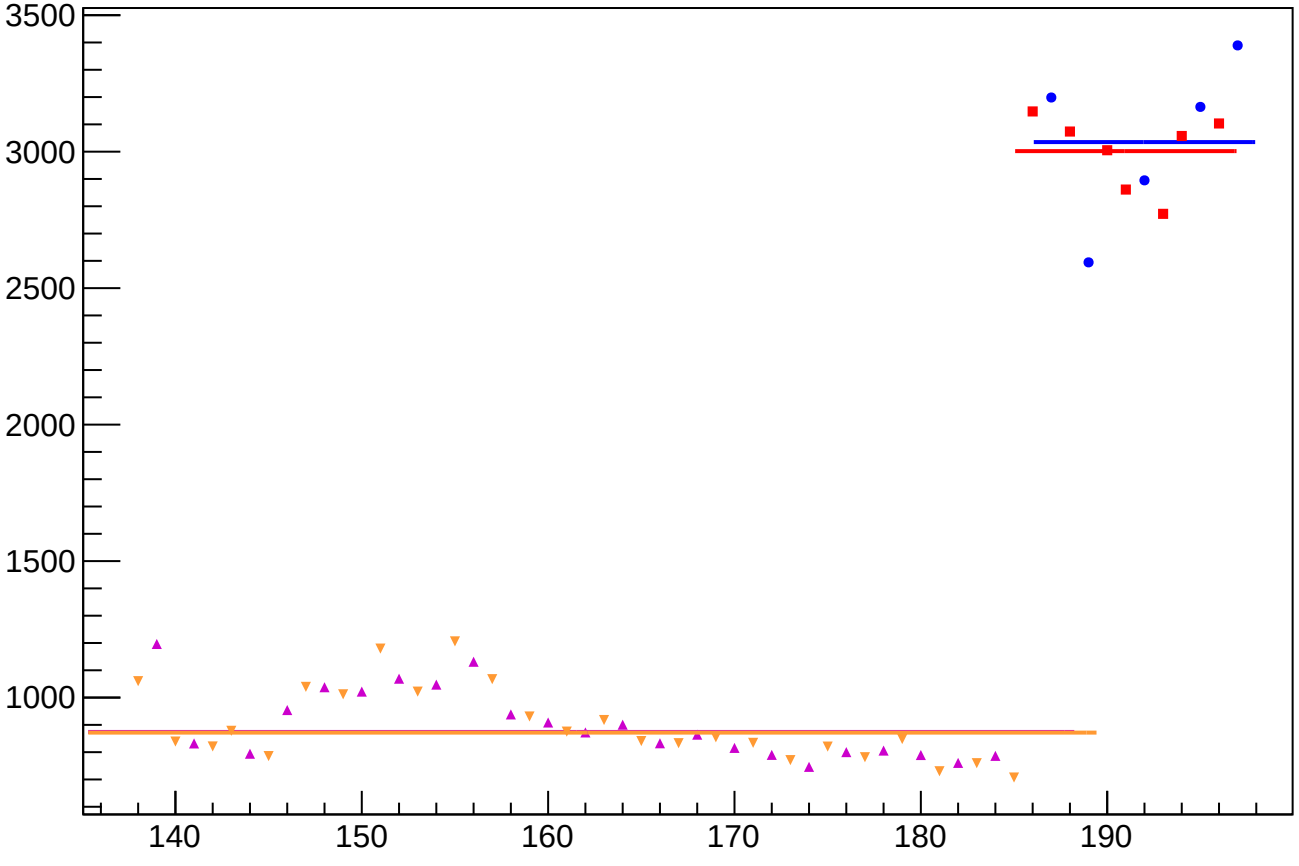
Left In: 20.573+/-210.177 χ^2/NDF:29.7/22

+ sign -875.742+/-204.748 χ^2/NDF: 59.6/29

All: -461.914+/-145.931 χ^2/NDF: 106.0/59

- sign -34.642+/-208.047 χ^2/NDF: 38.1/29

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 3035.134+/-1.323 χ^2/NDF: 49271.0/4

Left Out: 871.690+/-0.146 χ^2/NDF:642403.4/24

Right Out: 3002.002+/-1.036 χ^2/NDF: 15854.9/6

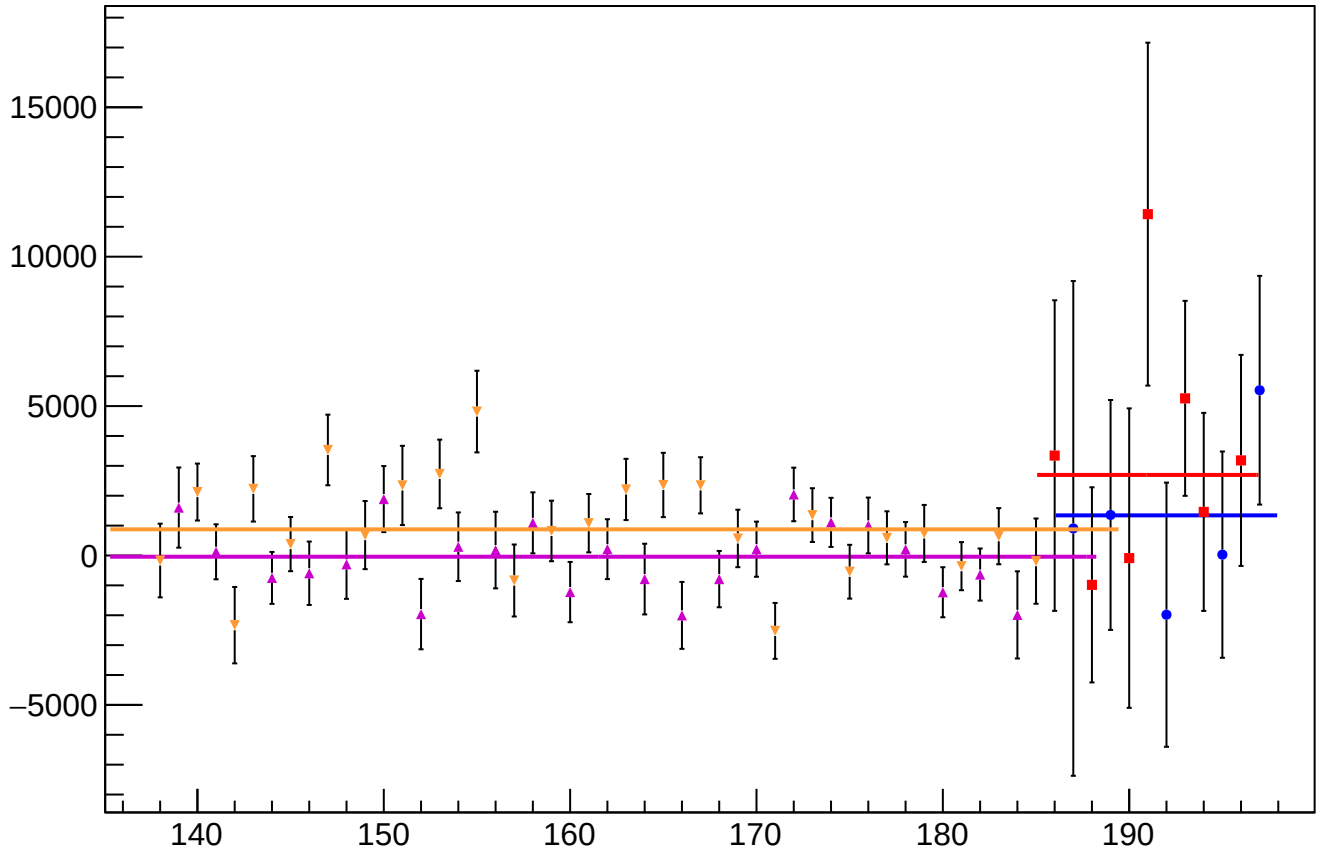
Left In: 874.055+/-0.149 χ^2/NDF:578510.6/22

+ sign 897.609+/-0.145 χ^2/NDF: 3334802.8/29

All: 907.125+/-0.103 χ^2/NDF: 8070606.7/59

- sign 916.951+/-0.147 χ^2/NDF: 4727023.1/29

asym_sam_24_68_dd_mean vs Slug



Right In: 1342.947+/-1871.402 χ^2/NDF: 1.9/4

Left Out: 875.084+/-205.572 χ^2/NDF:55.1/24

Right Out: 2696.720+/-1464.548 χ^2/NDF: 4.7/6

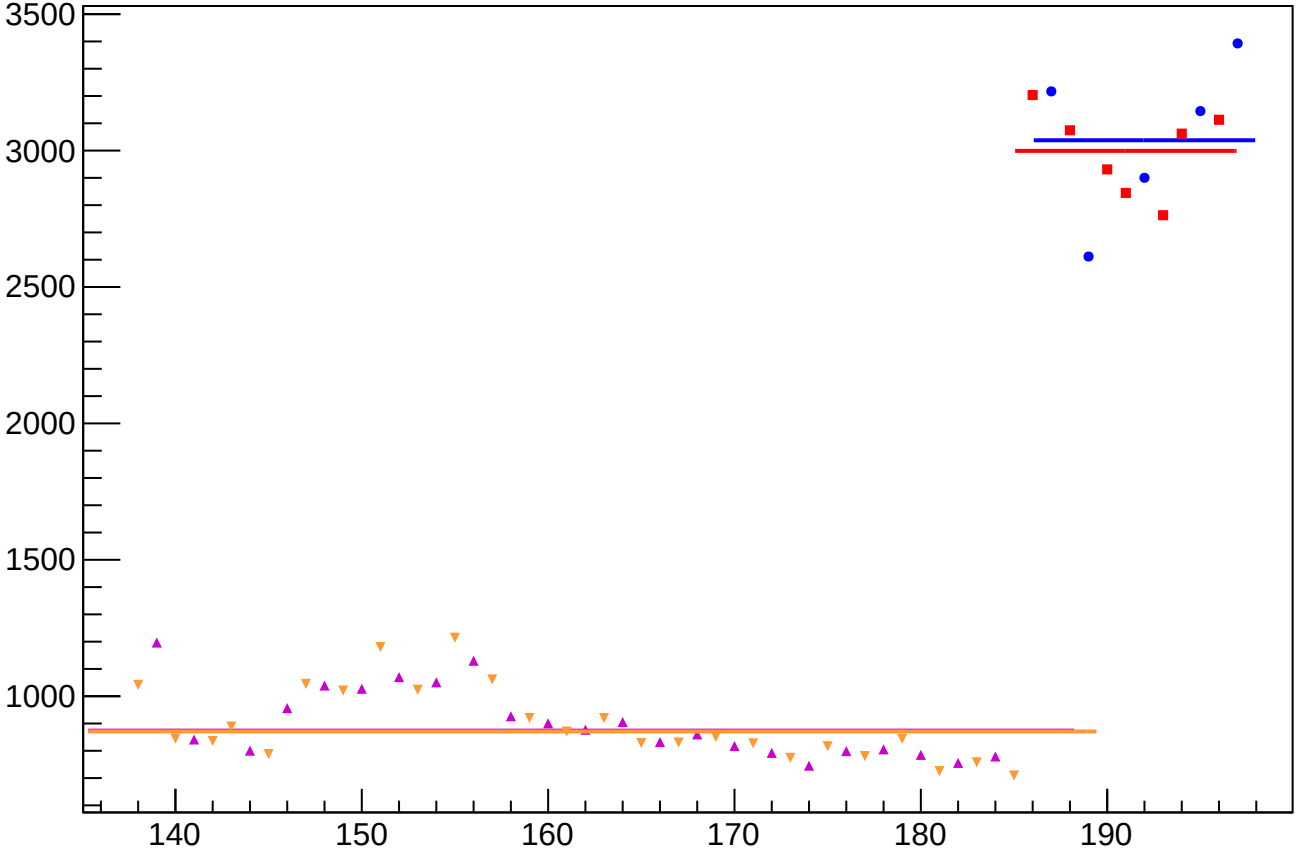
Left In: -41.523+/-210.209 χ^2/NDF:28.1/22

+ sign 880.662+/-204.343 χ^2/NDF: 57.0/29

All: 455.053+/-145.794 χ^2/NDF: 102.1/59

- sign 13.750+/-208.076 χ^2/NDF: 36.2/29

asym_sam_24_68_dd_rms vs Slug



Right In: 3037.770+/-1.323 χ^2/NDF: 46544.6/4

Left Out: 870.853+/-0.145 χ^2/NDF:651805.6/24

Right Out: 2998.896+/-1.036 χ^2/NDF: 19234.5/6

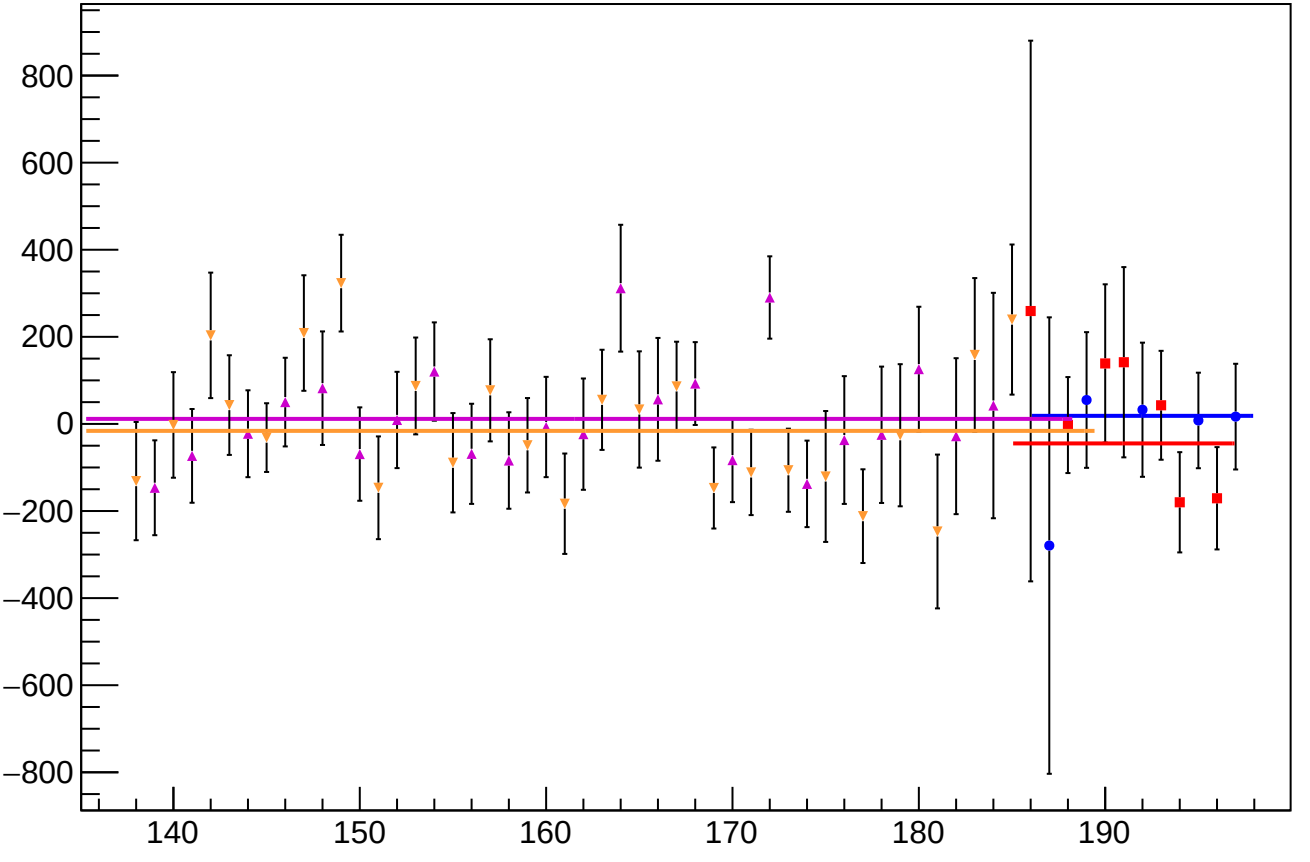
Left In: 873.902+/-0.149 χ^2/NDF:583344.5/22

+ sign 896.689+/-0.144 χ^2/NDF: 3347894.4/29

All: 906.560+/-0.103 χ^2/NDF: 8085530.0/59

- sign 916.796+/-0.147 χ^2/NDF: 4728128.7/29

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 18.572+/-64.827 χ^2/NDF: 0.4/4

Left Out: -15.956+/-23.377 χ^2/NDF:34.9/24

Right Out: -44.772+/-53.604 χ^2/NDF: 5.2/6

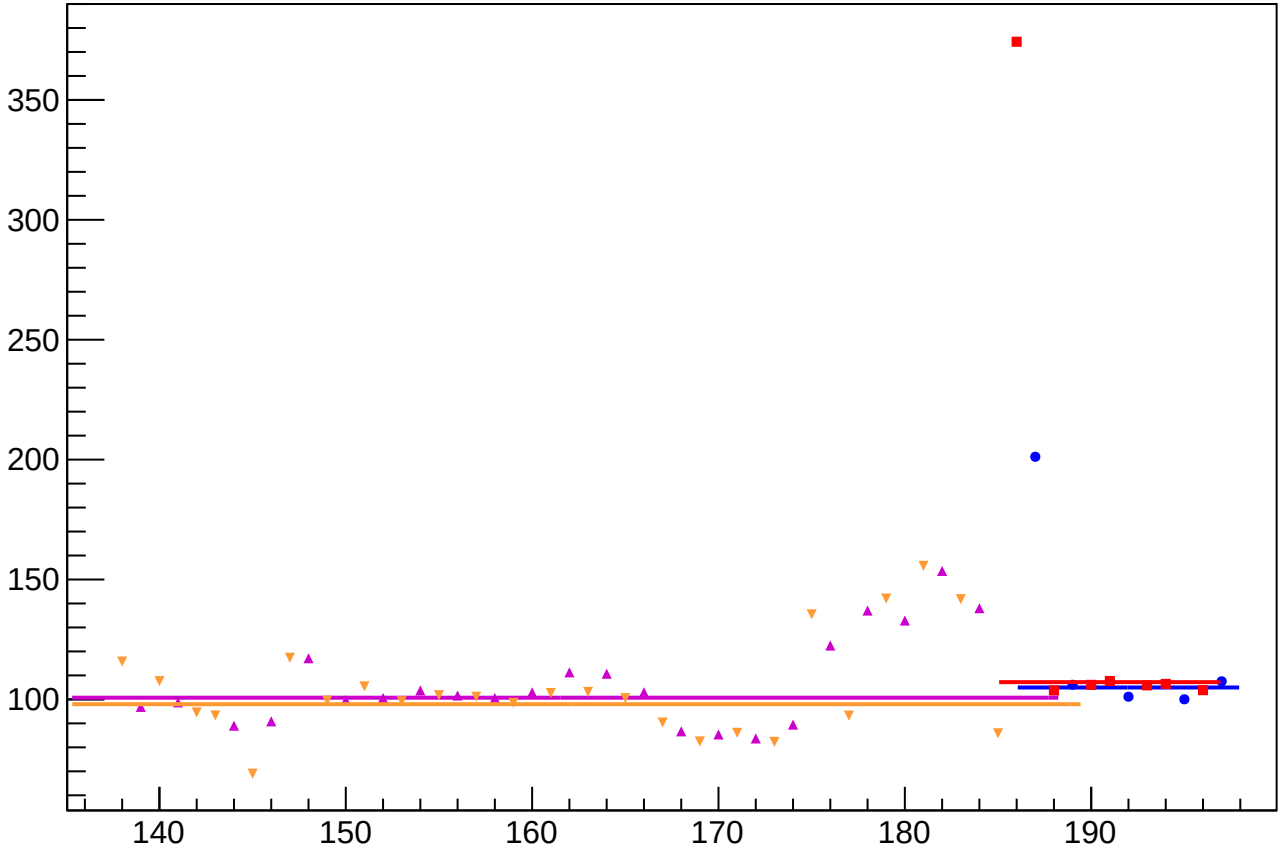
Left In: 11.570+/-24.412 χ^2/NDF:24.0/22

+ sign -11.982+/-21.991 χ^2/NDF: 35.6/29

All: -5.116+/-15.629 χ^2/NDF: 65.8/59

- sign 1.892+/-22.216 χ^2/NDF: 30.0/29

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 104.963+/-0.046 χ^2/NDF: 73687.3/4

Left Out: 98.001+/-0.017 χ^2/NDF:1155021.9/24

Right Out: 107.194+/-0.038 χ^2/NDF: 374145.9/6

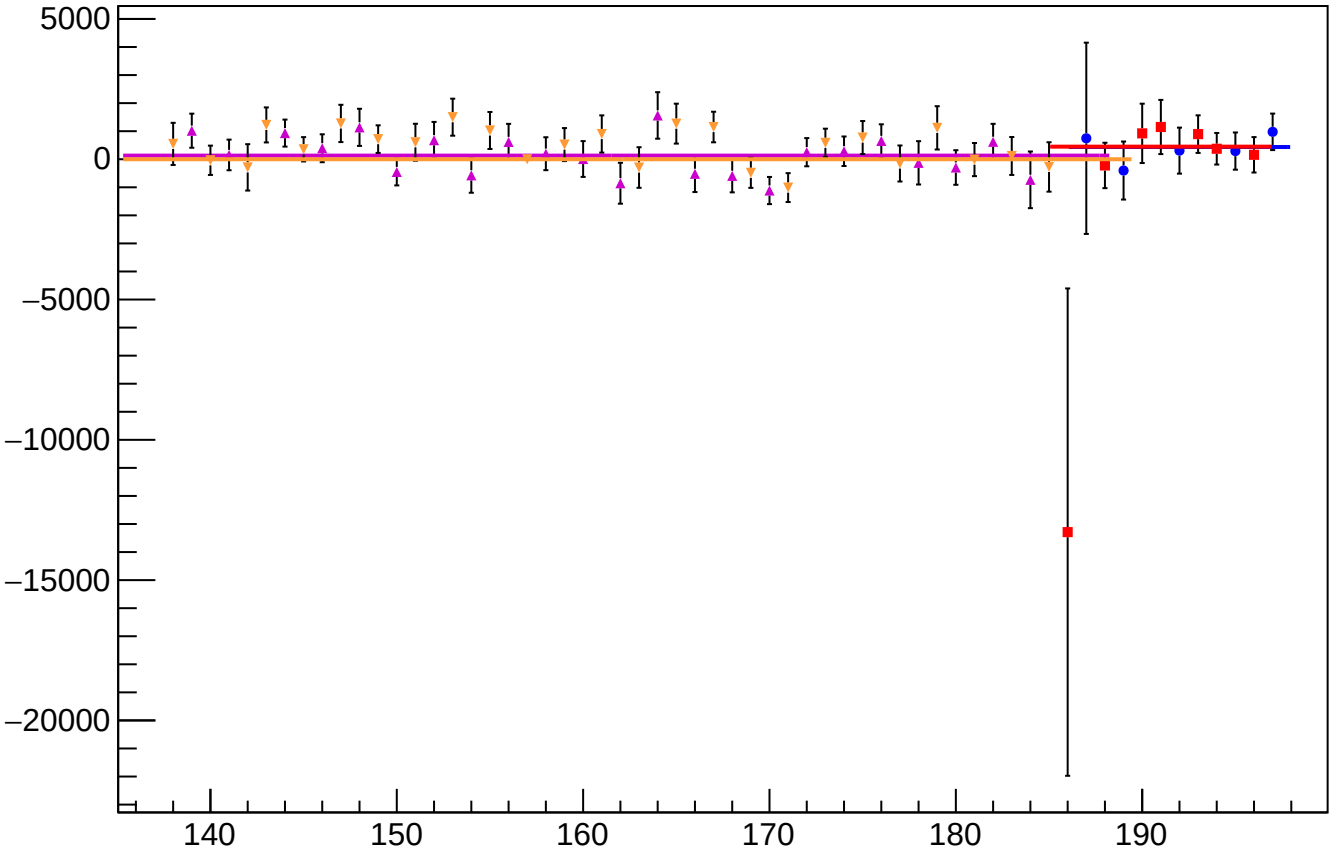
Left In: 100.704+/-0.017 χ^2/NDF:759922.8/22

+ sign 98.802+/-0.016 χ^2/NDF: 1249118.2/29

All: 100.295+/-0.011 χ^2/NDF: 2426087.8/59

- sign 101.818+/-0.016 χ^2/NDF: 1158351.2/29

asym_sam_26_48_dd_correction_mean vs Slug



Right In: 435.886+/-374.017 χ^2/NDF: 1.4/4

Left Out: -0.000+/-0.000 χ^2/NDF:39.9/24

Right Out: 448.804+/-296.161 χ^2/NDF: 4.6/6

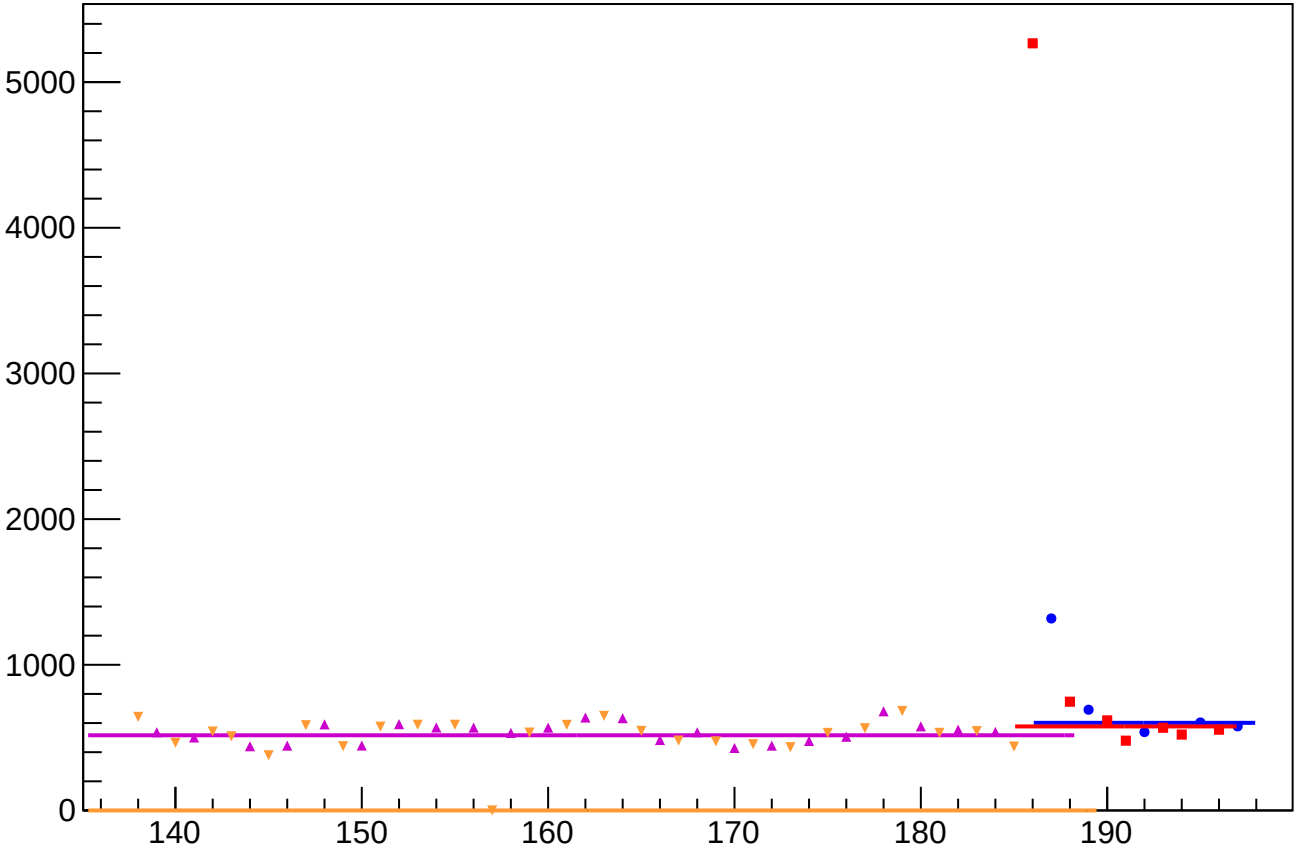
Left In: 129.094+/-124.247 χ^2/NDF:28.3/22

+ sign -0.000+/-0.000 χ^2/NDF: 42.6/29

All: -0.000+/-0.000 χ^2/NDF: 78.9/59

- sign 176.942+/-114.573 χ^2/NDF: 33.9/29

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 601.533+/-0.264 χ^2/NDF: 118252.4/4

Left Out: 0.000+/-0.000 χ^2/NDF:34974091.9/24

Right Out: 576.878+/-0.209 χ^2/NDF: 717492.7/6

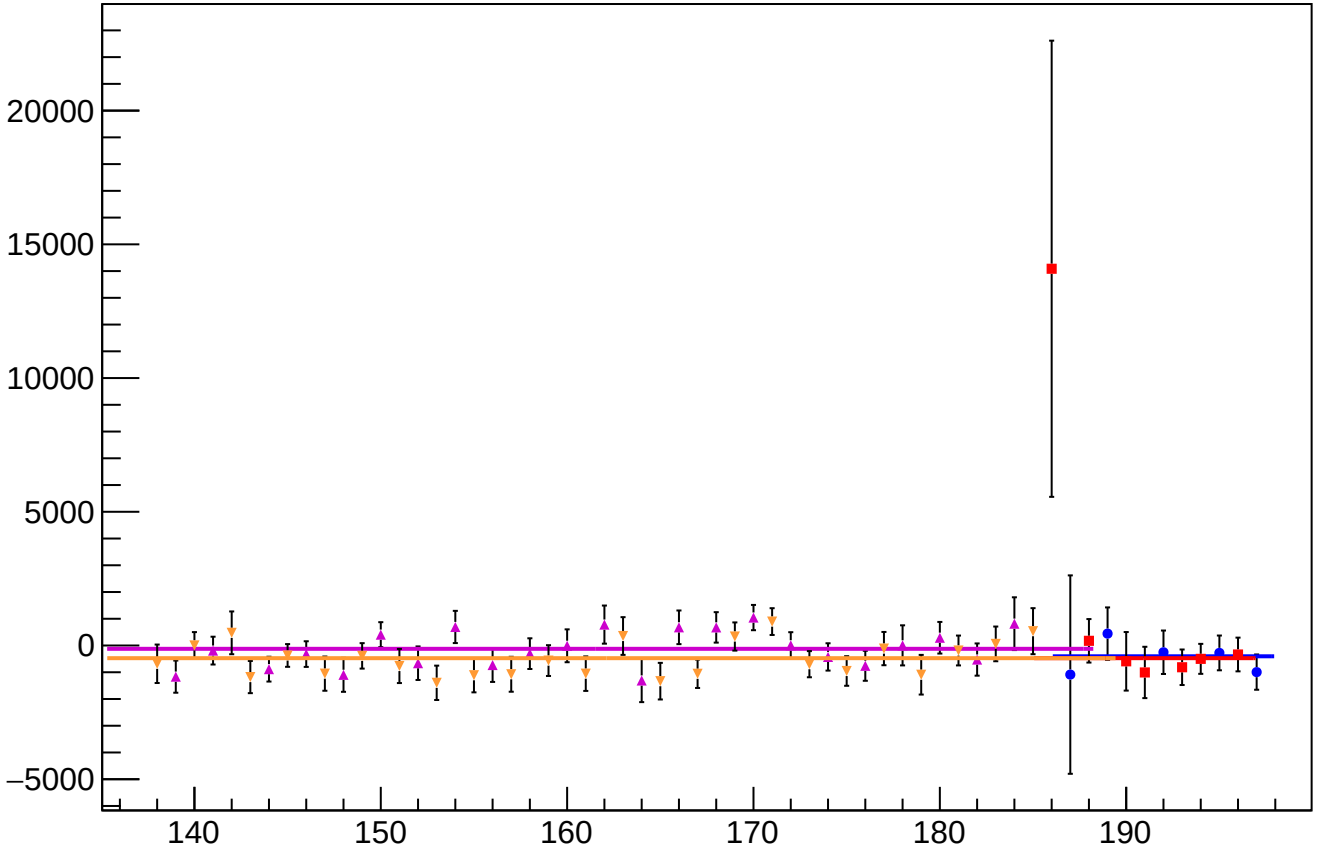
Left In: 516.120+/-0.088 χ^2/NDF:571744.7/22

+ sign 0.000+/-0.000 χ^2/NDF: 40265628.7/29

All: 0.000+/-0.000 χ^2/NDF: 83654477.0/59

- sign 525.213+/-0.081 χ^2/NDF: 1360814.4/29

asym_sam_26_48_dd_mean vs Slug



Right In: -403.304+/-370.185 χ^2/NDF: 1.7/4

Left Out: -473.870+/-117.977 χ^2/NDF:27.9/24

Right Out: -473.854+/-295.986 χ^2/NDF: 4.2/6

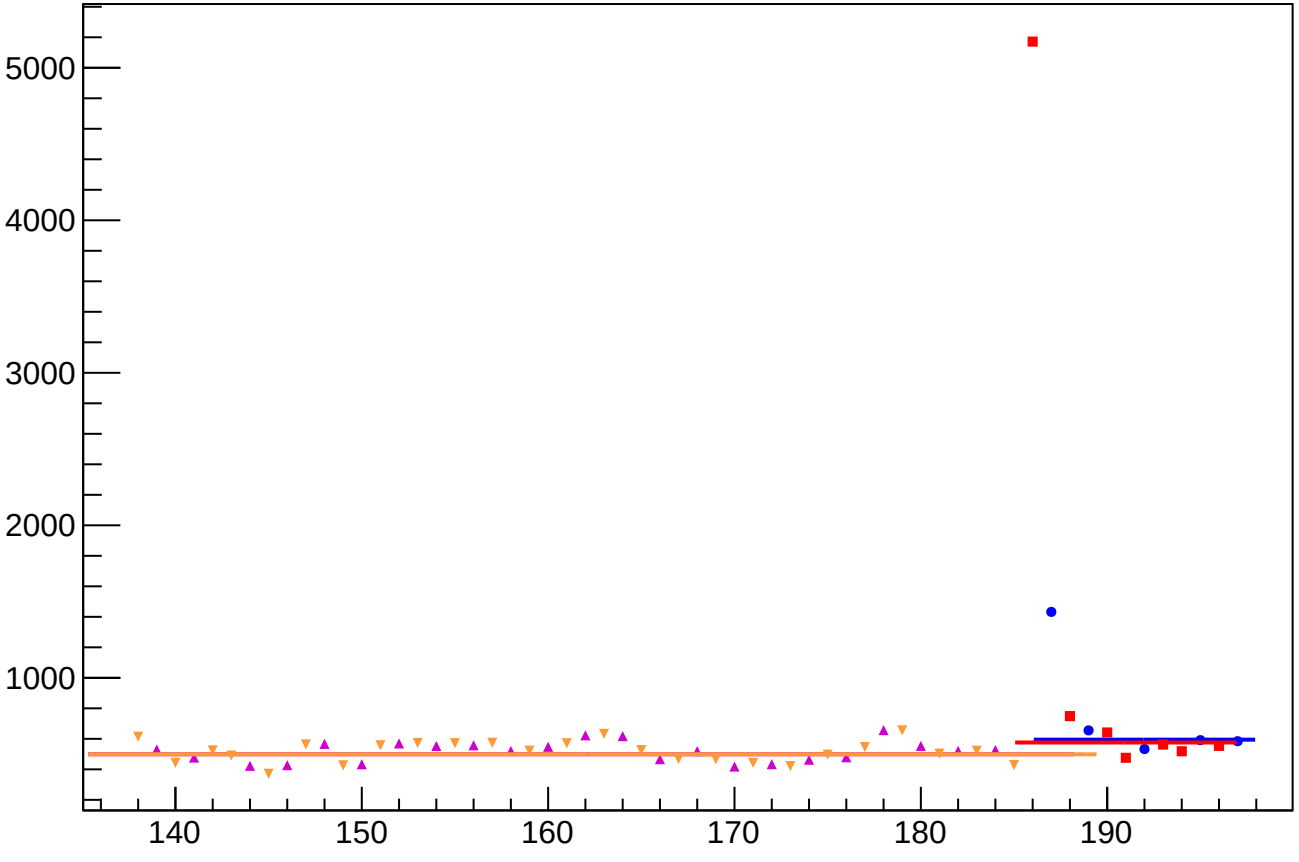
Left In: -124.022+/-120.216 χ^2/NDF:30.2/22

+ sign -467.364+/-112.407 χ^2/NDF: 29.6/29

All: -319.113+/-79.118 χ^2/NDF: 68.6/59

- sign -173.559+/-111.380 χ^2/NDF: 35.6/29

asym_sam_26_48_dd_rms vs Slug



Right In: 594.628+/-0.262 χ^2/NDF: 121691.4/4

Left Out: 498.662+/-0.083 χ^2/NDF:734652.4/24

Right Out: 576.079+/-0.209 χ^2/NDF: 724740.0/6

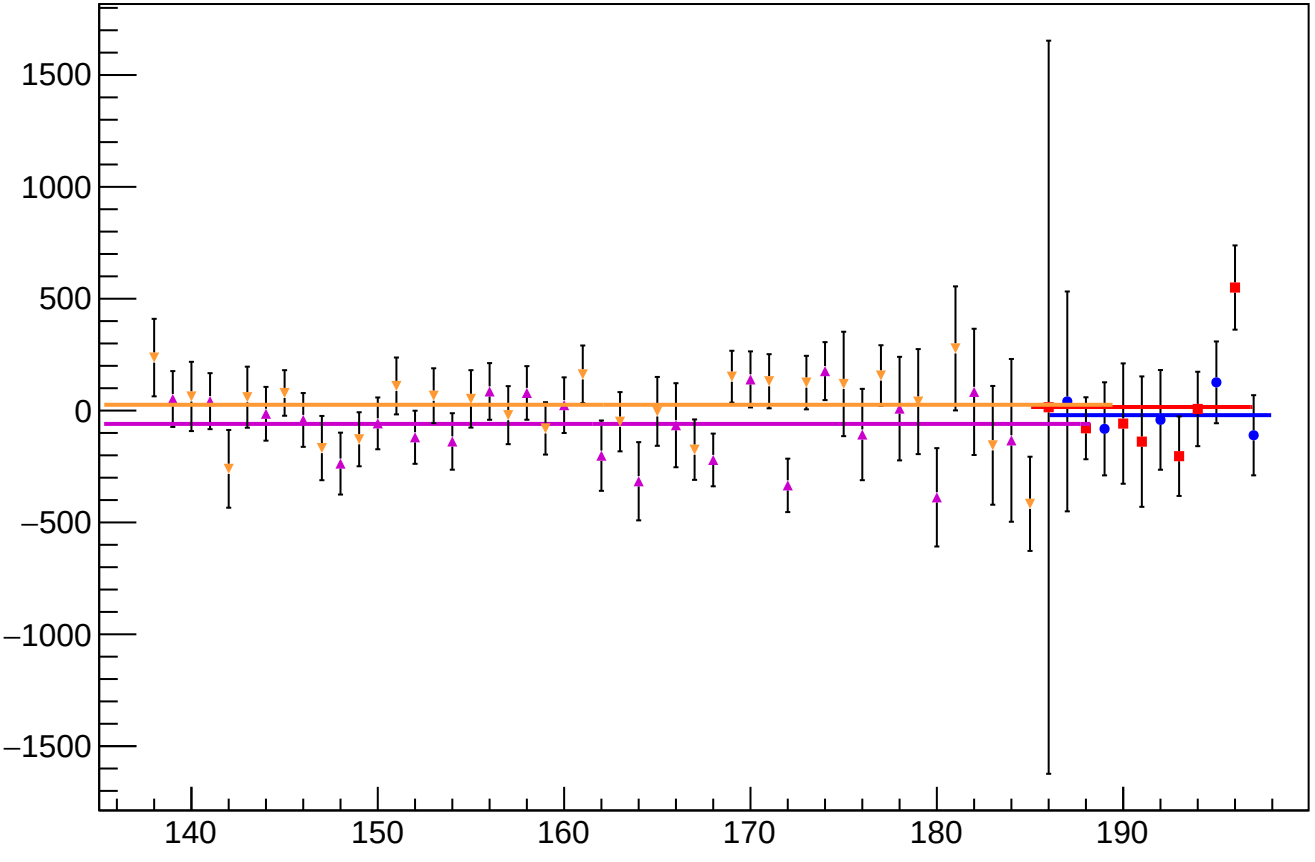
Left In: 498.835+/-0.085 χ^2/NDF:572334.3/22

+ sign 507.511+/-0.079 χ^2/NDF: 978359.3/29

All: 508.652+/-0.056 χ^2/NDF: 2392767.1/59

- sign 509.773+/-0.079 χ^2/NDF: 1413999.1/29

dit_asym_sam_1548_avg_mean vs Slug



Right In: -20.403+/-96.024 χ^2/NDF: 1.0/4

Left Out: 25.940+/-28.120 χ^2/NDF:22.7/24

Right Out: 15.965+/-75.794 χ^2/NDF: 10.4/6

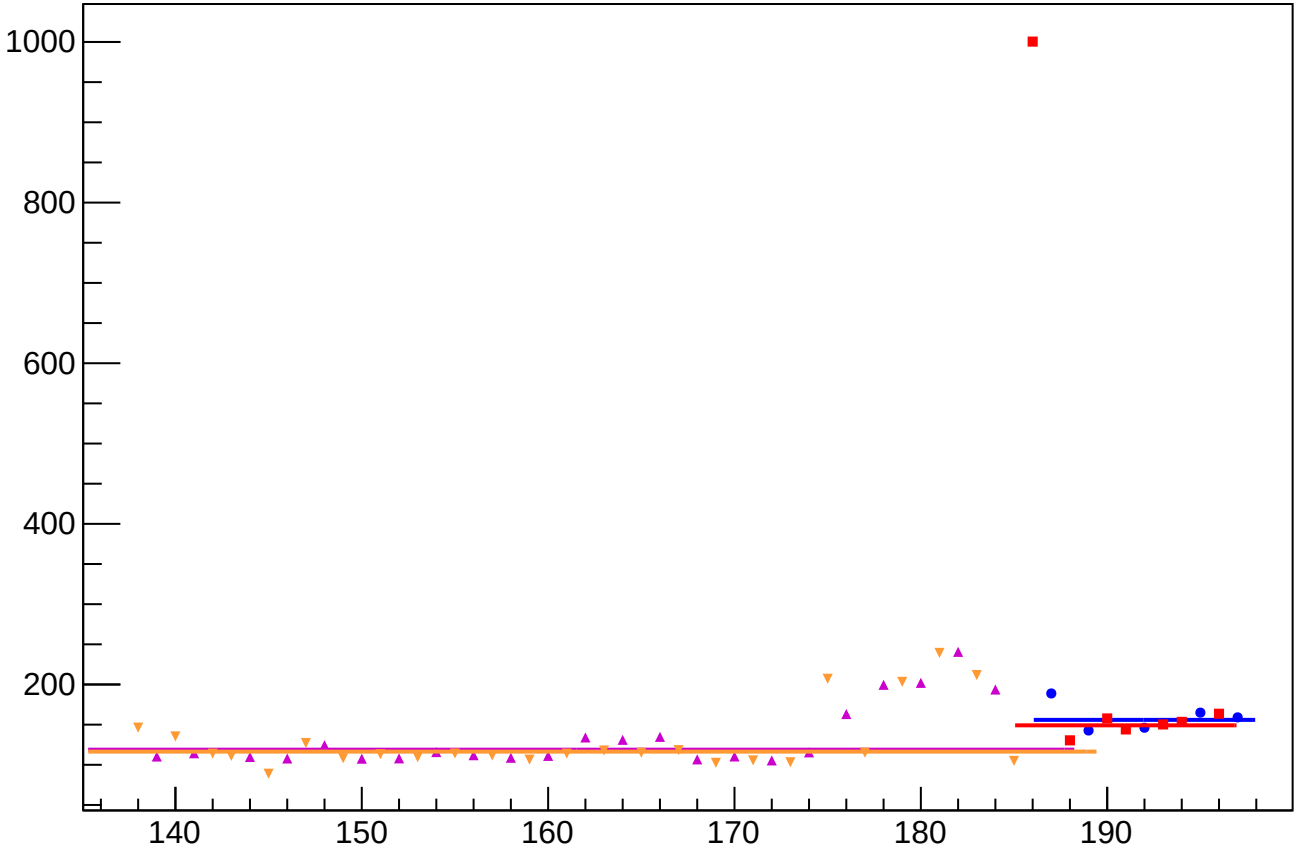
Left In: -59.603+/-29.184 χ^2/NDF:25.6/22

+ sign 22.279+/-26.987 χ^2/NDF: 23.9/29

All: -13.454+/-19.170 χ^2/NDF: 64.3/59

- sign -49.847+/-27.235 χ^2/NDF: 36.9/29

dit_asym_sam_1548_avg_rms vs Slug



Right In: 155.947+/-0.068 χ^2/NDF: 26395.4/4

Left Out: 116.427+/-0.020 χ^2/NDF:1589669.4/24

Right Out: 149.143+/-0.054 χ^2/NDF: 592106.2/6

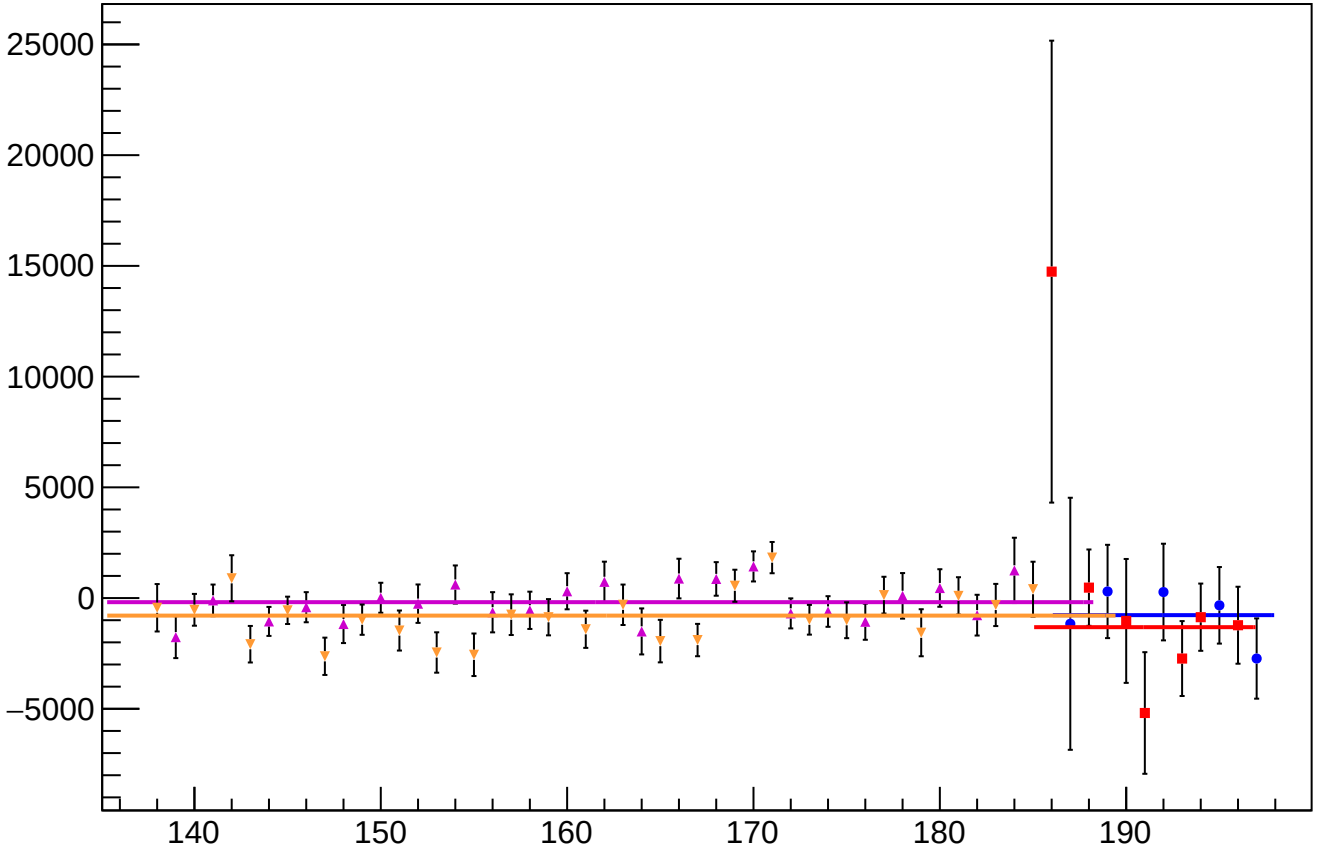
Left In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

+ sign 119.549+/-0.019 χ^2/NDF: 1928069.0/29

All: 121.128+/-0.014 χ^2/NDF: 4101925.2/59

- sign 122.737+/-0.019 χ^2/NDF: 2160029.6/29

asym_sam_1548_avg_correction_mean vs Slug



Right In: -770.798+/-951.300 χ^2/NDF: 1.7/4

Left Out: -791.963+/-165.971 χ^2/NDF:43.6/24

Right Out: -1314.283+/-762.282 χ^2/NDF: 6.2/6

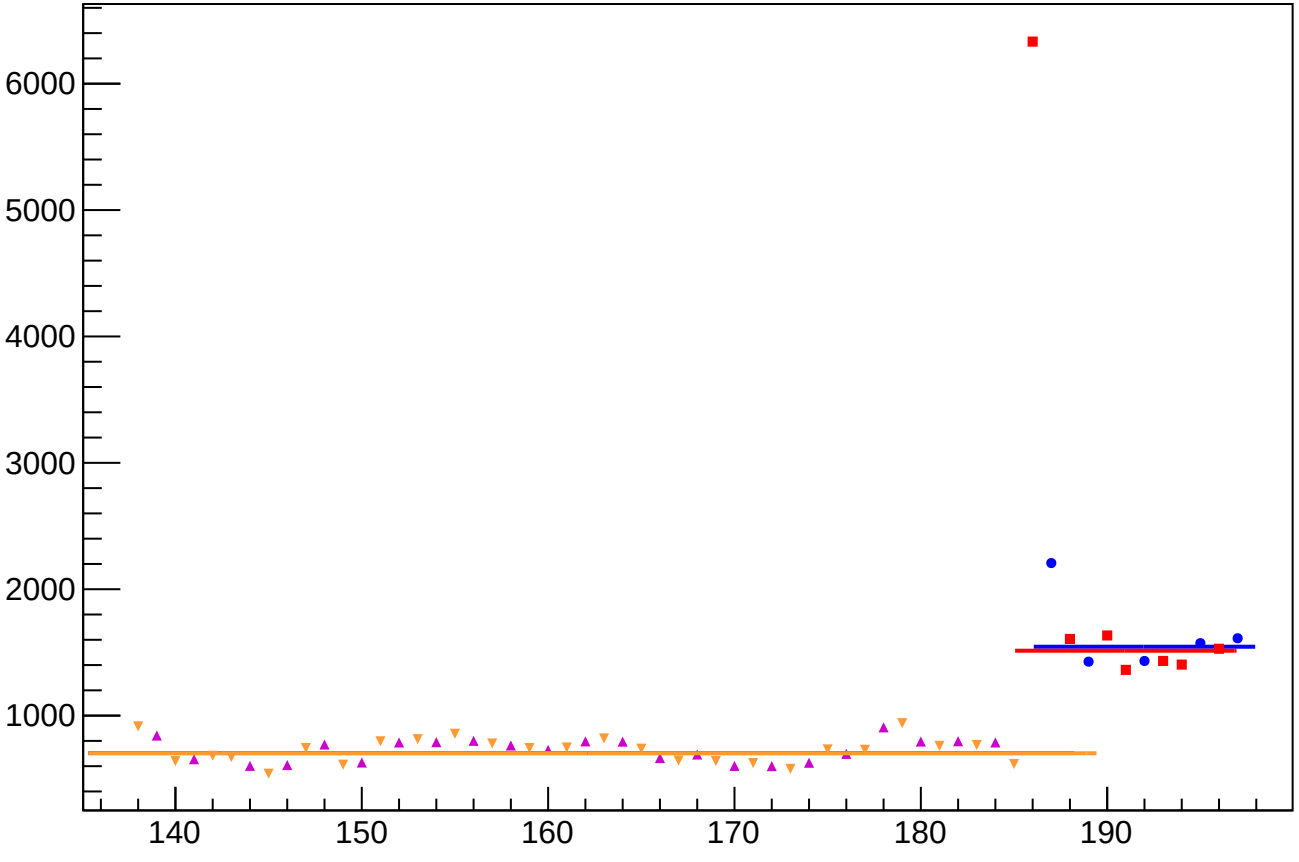
Left In: -185.191+/-169.174 χ^2/NDF:23.4/22

+ sign -791.338+/-163.501 χ^2/NDF: 45.3/29

All: -517.550+/-116.193 χ^2/NDF: 82.7/59

- sign -238.192+/-165.156 χ^2/NDF: 31.8/29

asym_sam_1548_avg_correction_rms vs Slug



Right In: 1545.117+/-0.673 χ^2/NDF: 41957.6/4

Left Out: 702.152+/-0.117 χ^2/NDF:691552.2/24

Right Out: 1513.625+/-0.539 χ^2/NDF: 457913.8/6

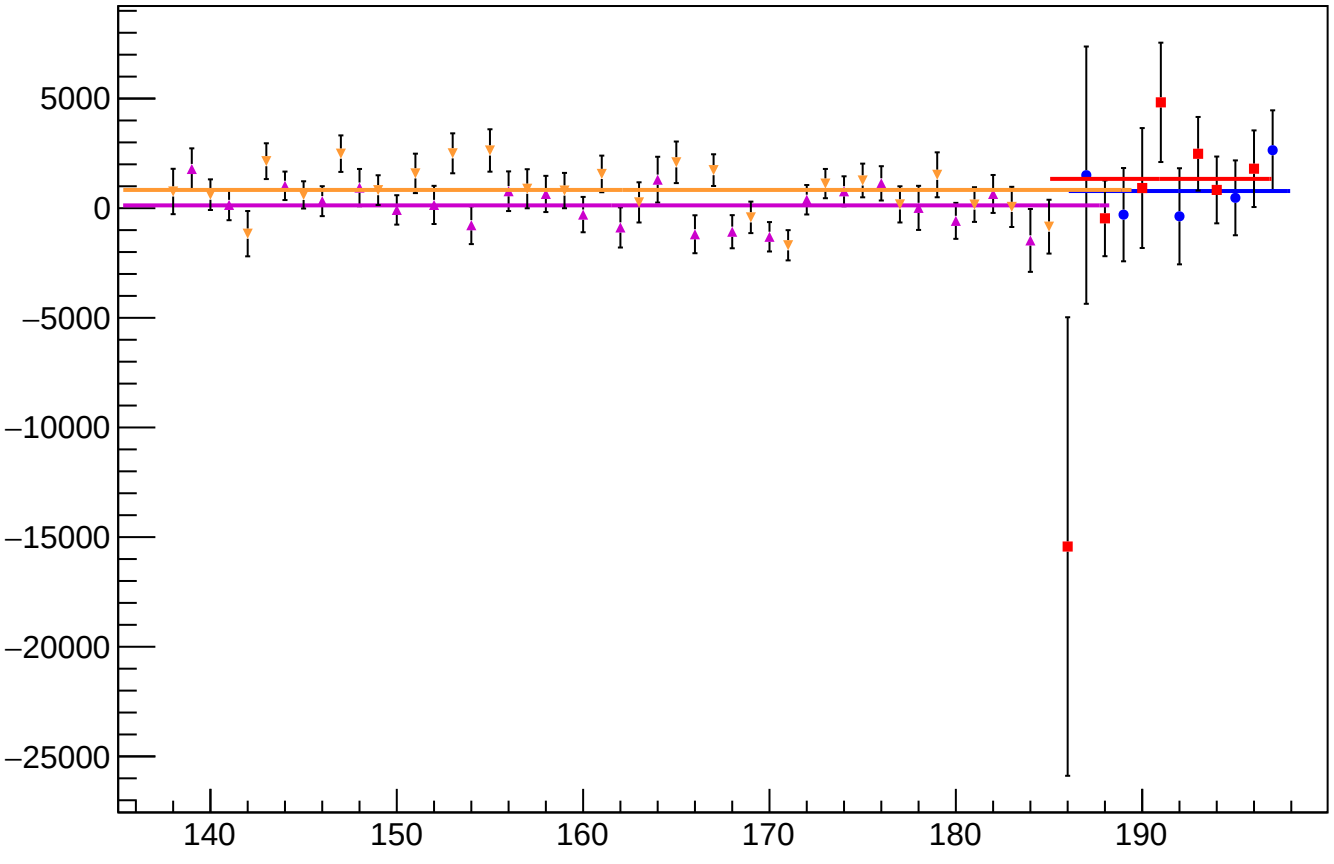
Left In: 703.710+/-0.120 χ^2/NDF:533573.3/22

+ sign 727.053+/-0.116 χ^2/NDF: 2257533.7/29

All: 734.317+/-0.082 χ^2/NDF: 5408769.1/59

- sign 741.728+/-0.117 χ^2/NDF: 3143260.2/29

asym_sam_1548_avg_mean vs Slug



Right In: 782.582+/-951.678 χ^2/NDF: 1.6/4

Left Out: 832.553+/-163.428 χ^2/NDF:43.8/24

Right Out: 1336.290+/-761.130 χ^2/NDF: 6.0/6

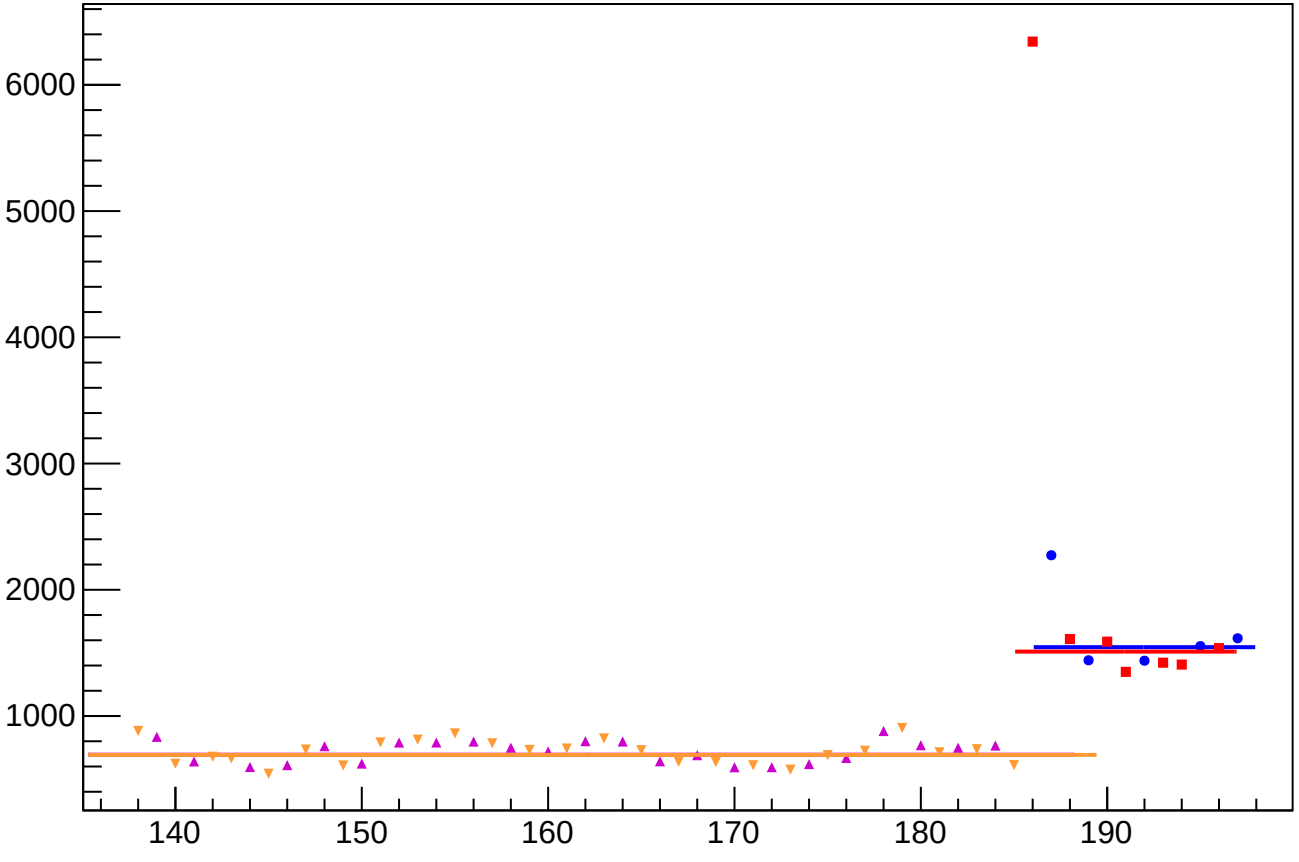
Left In: 128.120+/-166.866 χ^2/NDF:25.3/22

+ sign 831.122+/-161.070 χ^2/NDF: 45.4/29

All: 511.169+/-114.568 χ^2/NDF: 87.1/59

- sign 183.526+/-162.995 χ^2/NDF: 33.7/29

asym_sam_1548_avg_rms vs Slug



Right In: 1545.453+/-0.673 χ^2/NDF: 43397.5/4

Left Out: 692.071+/-0.116 χ^2/NDF:657636.6/24

Right Out: 1510.322+/-0.538 χ^2/NDF: 457494.8/6

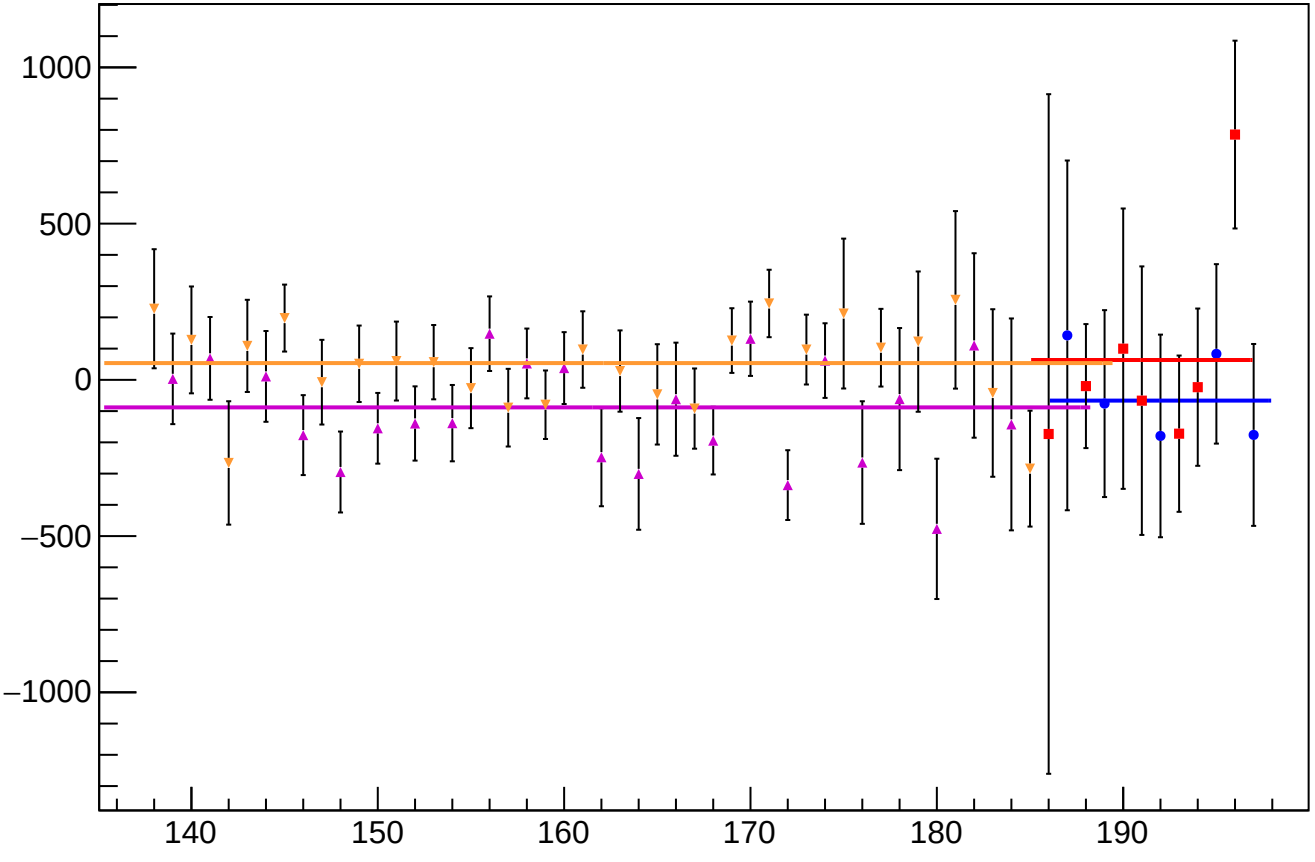
Left In: 693.615+/-0.118 χ^2/NDF:520692.6/22

+ sign 716.516+/-0.114 χ^2/NDF: 2263157.7/29

All: 723.706+/-0.081 χ^2/NDF: 5446547.0/59

- sign 731.069+/-0.115 χ^2/NDF: 3175322.7/29

dit_asym_sam_3748_avg_mean vs Slug



Right In: -66.383+/-144.619 χ^2/NDF: 0.7/4

Left Out: 53.701+/-27.462 χ^2/NDF:19.2/24

Right Out: 63.553+/-112.179 χ^2/NDF: 7.1/6

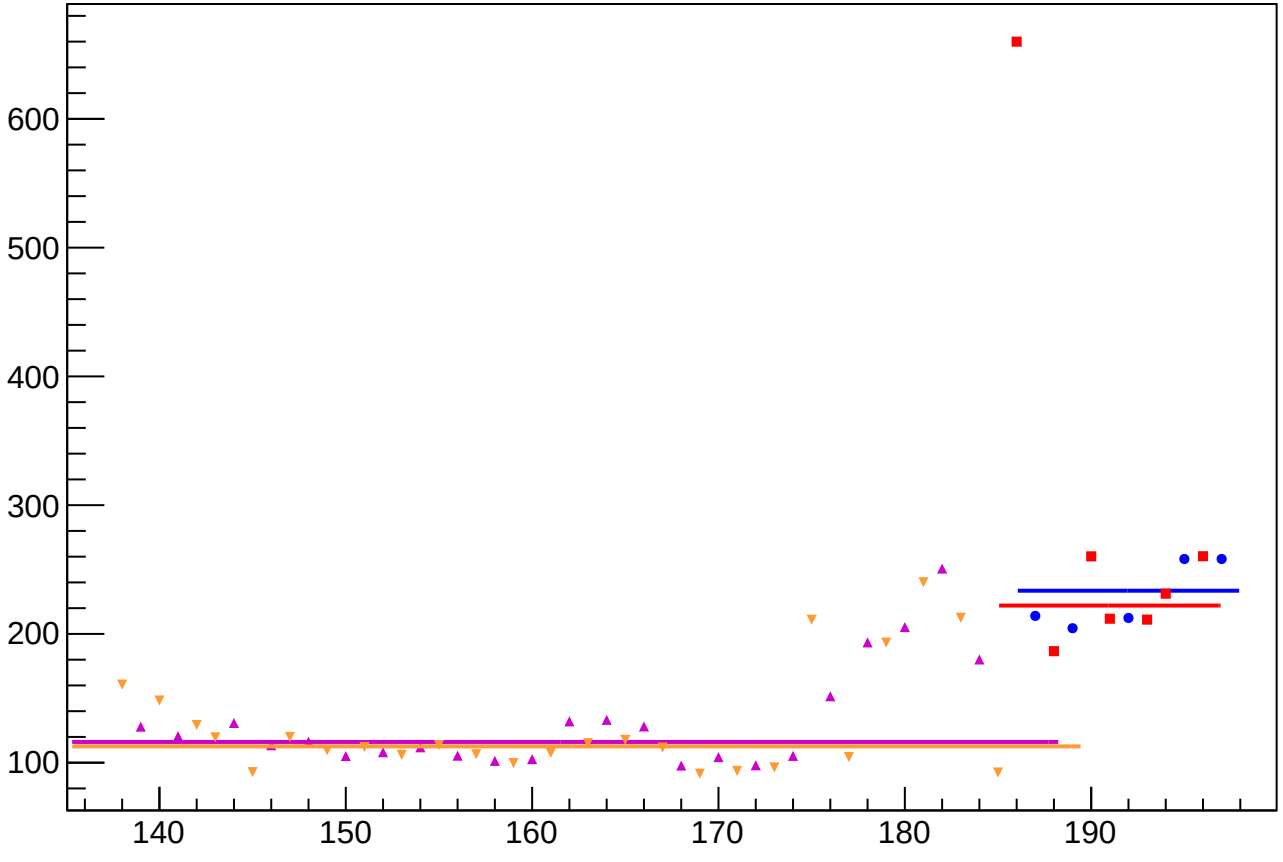
Left In: -88.085+/-28.764 χ^2/NDF:30.4/22

+ sign 49.522+/-26.980 χ^2/NDF: 20.6/29

All: -12.541+/-19.382 χ^2/NDF: 70.7/59

- sign -78.730+/-27.862 χ^2/NDF: 39.2/29

dit_asym_sam_3748_avg_rms vs Slug



Right In: 233.569+/-0.102 χ^2/NDF: 58936.7/4

Left Out: 112.668+/-0.019 χ^2/NDF:1851455.7/24

Right Out: 222.043+/-0.079 χ^2/NDF: 442665.7/6

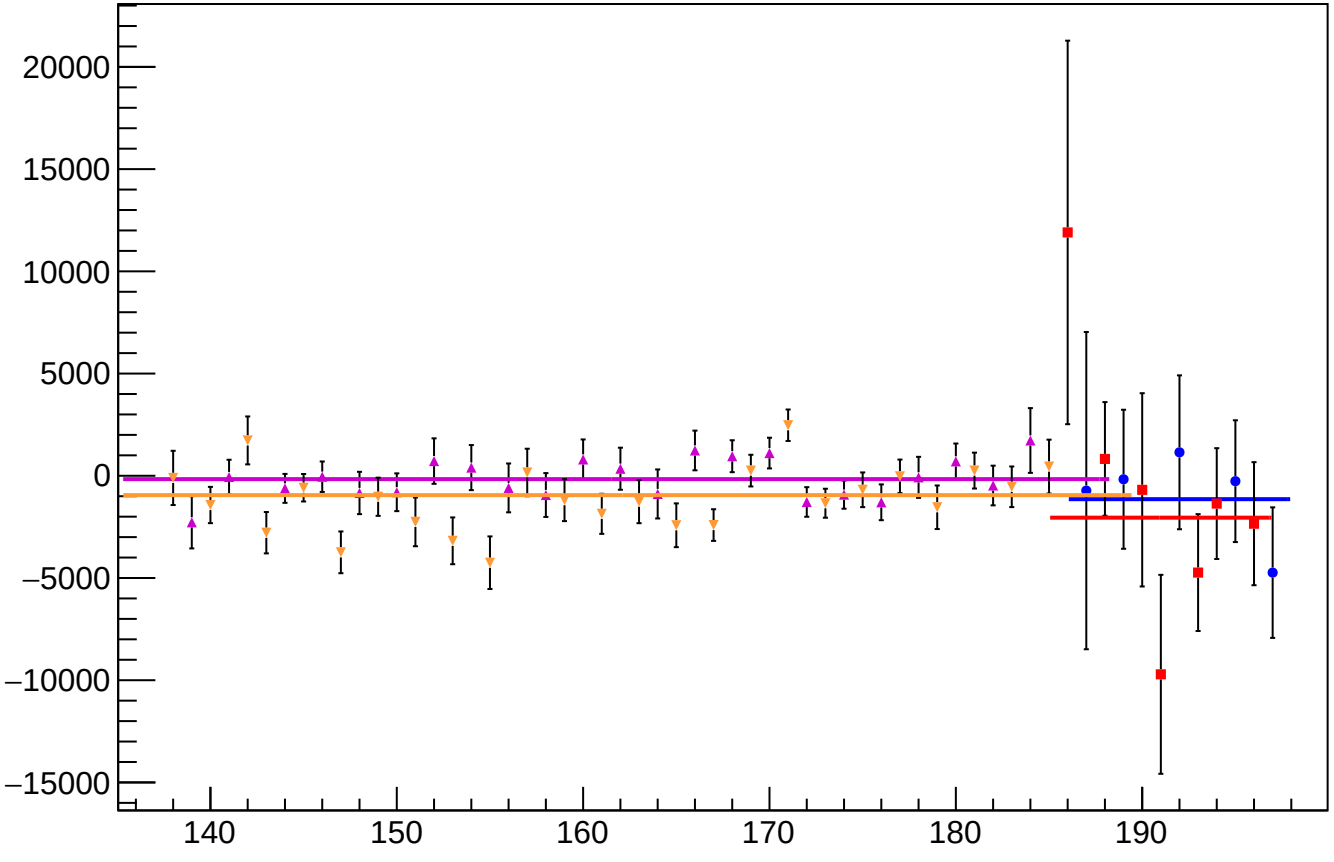
Left In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

+ sign 116.876+/-0.019 χ^2/NDF: 3259539.6/29

All: 119.667+/-0.014 χ^2/NDF: 6858852.4/59

- sign 122.643+/-0.020 χ^2/NDF: 3555093.3/29

asym_sam_3748_avg_correction_mean vs Slug



Right In: -1144.666+/-1612.704 χ^2/NDF: 1.8/4

Left Out: -946.412+/-188.668 χ^2/NDF:63.3/24

Right Out: -2048.754+/-1294.502 χ^2/NDF: 6.8/6

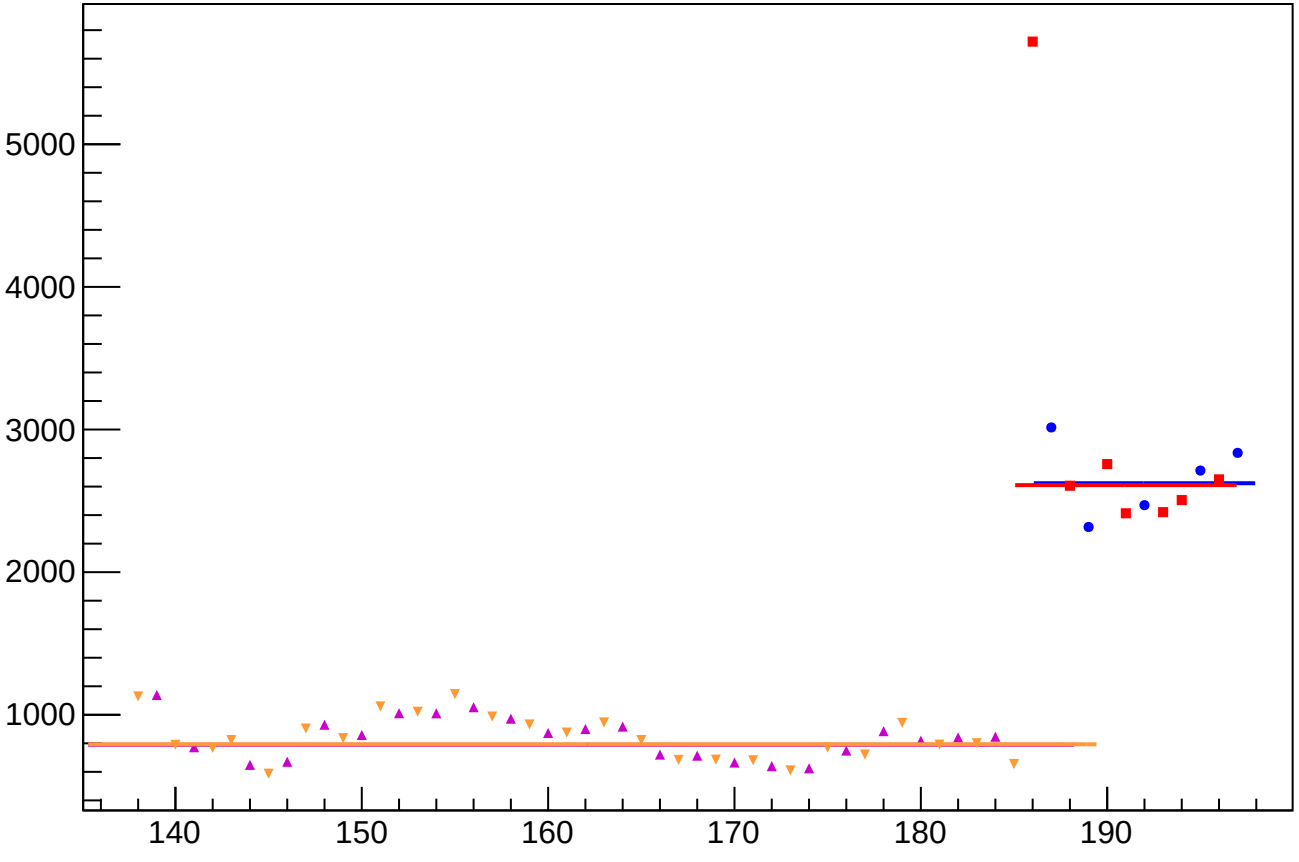
Left In: -164.202+/-191.131 χ^2/NDF:22.0/22

+ sign -949.089+/-187.390 χ^2/NDF: 65.1/29

All: -580.093+/-133.099 χ^2/NDF: 103.9/59

- sign -204.408+/-189.081 χ^2/NDF: 30.9/29

asym_sam_3748_avg_correction_rms vs Slug



Right In: 2623.558+/-1.140 χ^2/NDF: 35372.6/4

Left Out: 793.154+/-0.133 χ^2/NDF:1158856.1/24

Right Out: 2610.260+/-0.915 χ^2/NDF: 237183.6/6

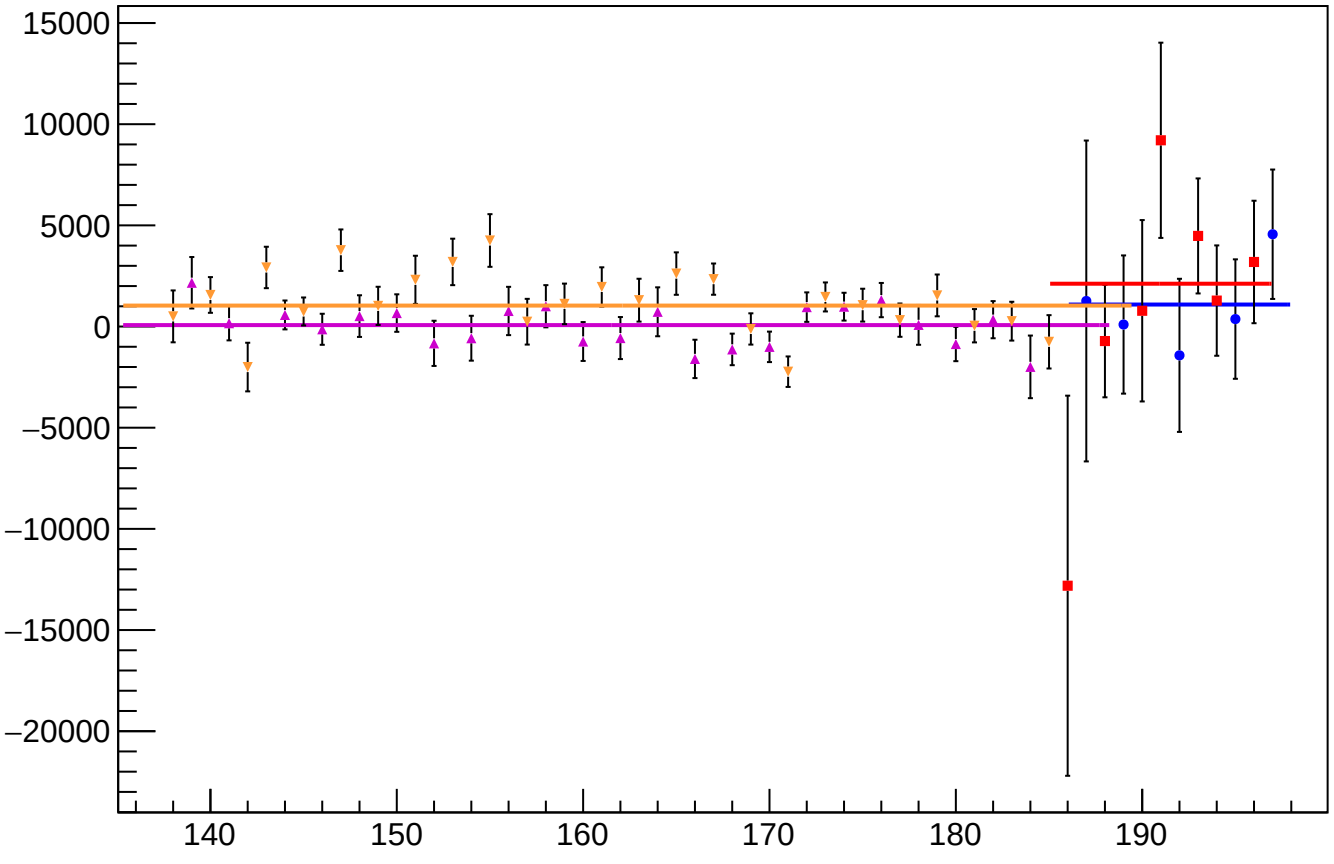
Left In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

+ sign 817.868+/-0.133 χ^2/NDF: 3735850.5/29

All: 823.156+/-0.094 χ^2/NDF: 8867616.0/59

- sign 828.540+/-0.134 χ^2/NDF: 5128550.8/29

asym_sam_3748_avg_mean vs Slug



Right In: 1087.075+/-1613.642 χ^2/NDF: 1.8/4

Left Out: 1035.605+/-187.244 χ^2/NDF:61.4/24

Right Out: 2116.038+/-1290.142 χ^2/NDF: 6.7/6

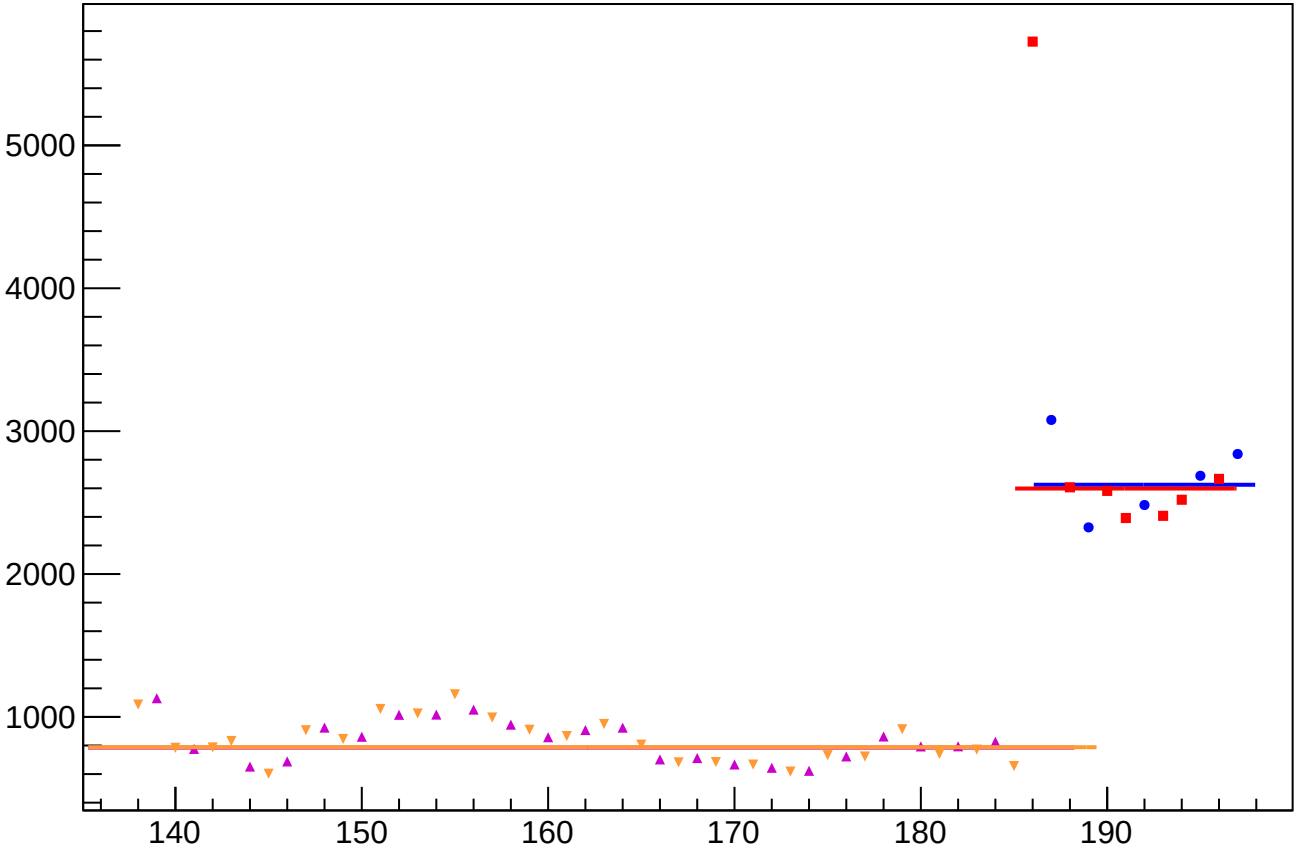
Left In: 70.852+/-190.155 χ^2/NDF:23.4/22

+ sign 1036.288+/-185.996 χ^2/NDF: 63.1/29

All: 580.555+/-132.264 χ^2/NDF: 107.8/59

- sign 114.337+/-188.123 χ^2/NDF: 32.6/29

asym_sam_3748_avg_rms vs Slug



Right In: 2624.865+/-1.141 χ^2/NDF: 34585.5/4

Left Out: 787.981+/-0.132 χ^2/NDF:1113986.0/24

Right Out: 2598.474+/-0.912 χ^2/NDF: 237120.6/6

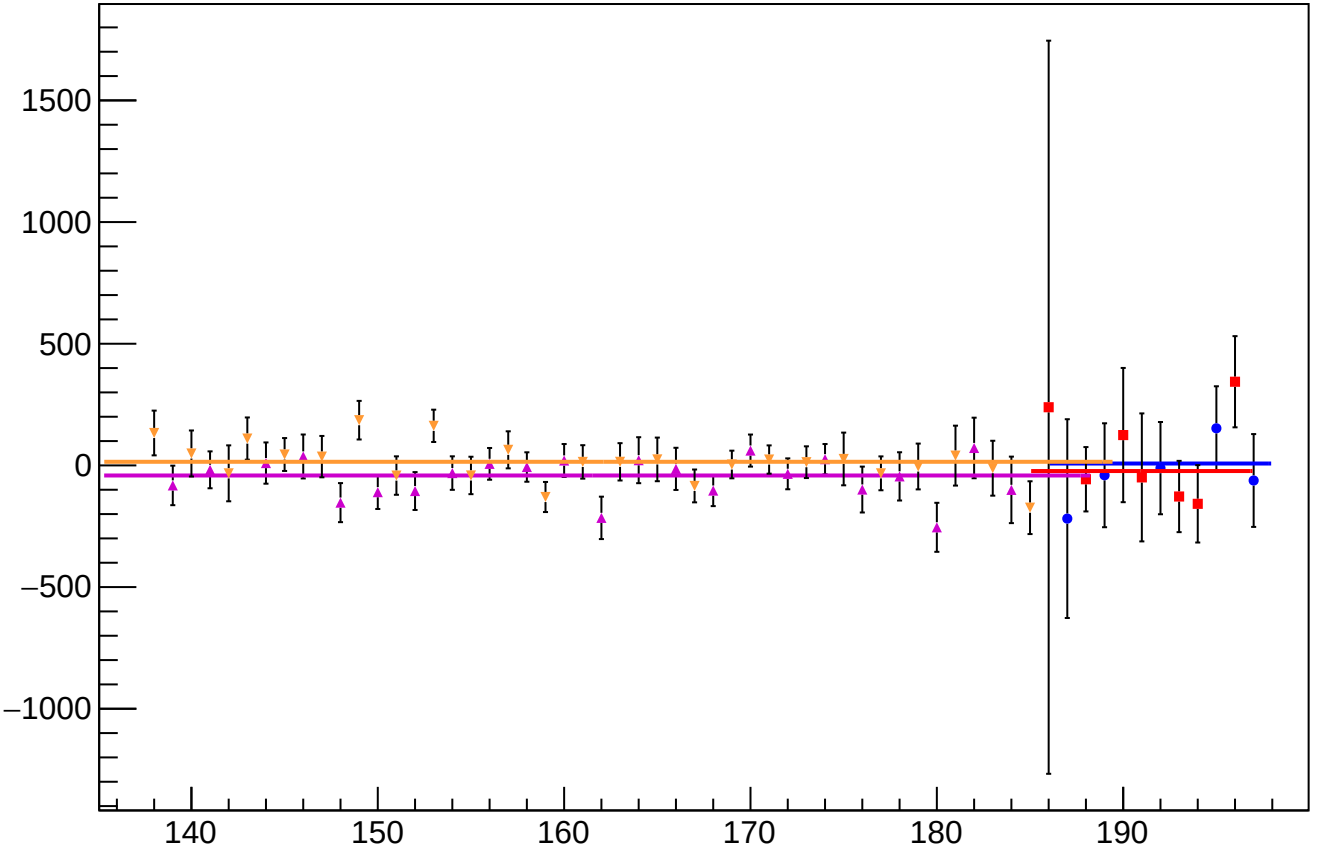
Left In: 785.179+/-0.134 χ^2/NDF:976942.0/22

+ sign 812.386+/-0.132 χ^2/NDF: 3705806.9/29

All: 817.995+/-0.094 χ^2/NDF: 8790407.4/59

- sign 823.734+/-0.133 χ^2/NDF: 5080920.4/29

dit_asym_sam_1526_avg_mean vs Slug



Right In: 7.749+/-92.531 χ^2/NDF: 1.2/4

Left Out: 14.879+/-15.529 χ^2/NDF:25.8/24

Right Out: -23.142+/-70.736 χ^2/NDF: 5.5/6

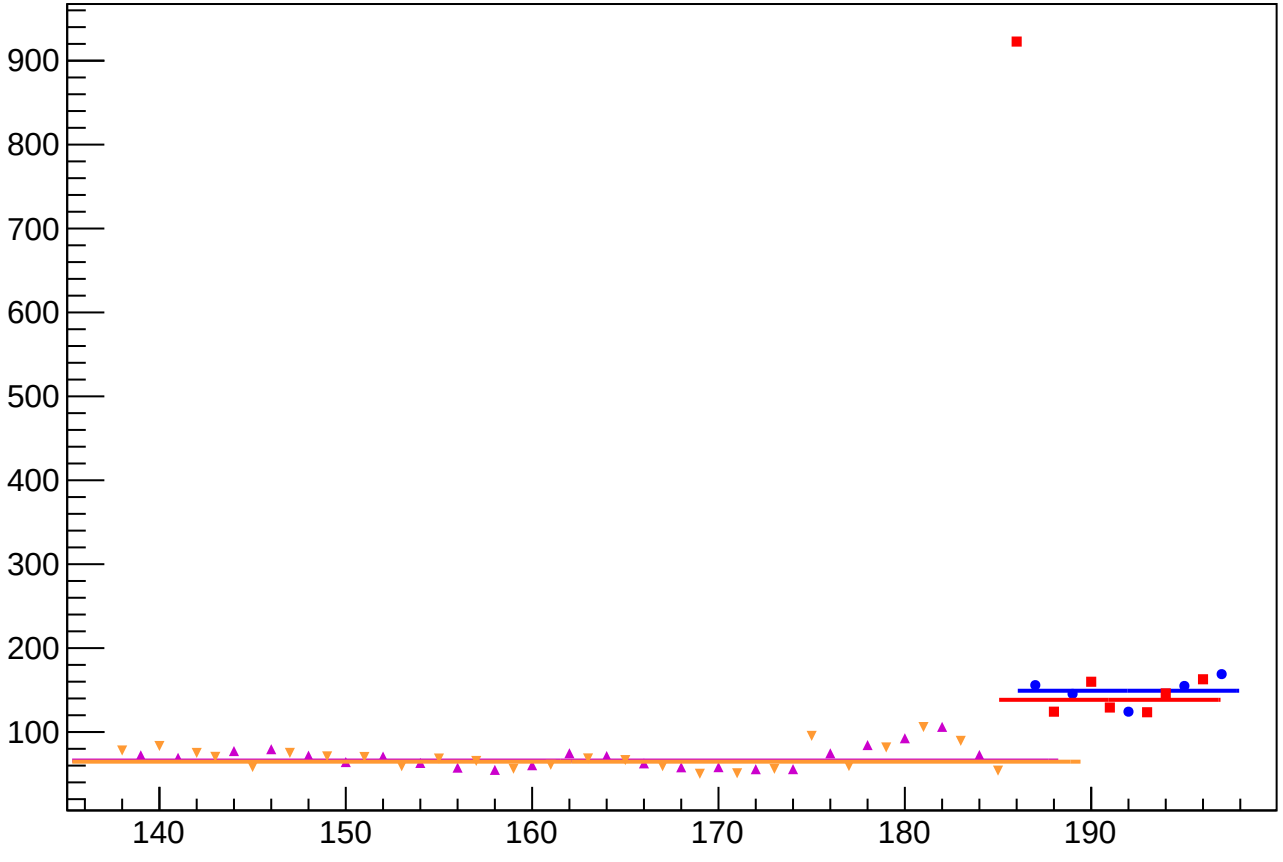
Left In: -41.428+/-16.130 χ^2/NDF:21.7/22

+ sign 14.684+/-15.315 χ^2/NDF: 27.0/29

All: -12.189+/-10.972 χ^2/NDF: 60.6/59

- sign -40.524+/-15.727 χ^2/NDF: 27.2/29

dit_asym_sam_1526_avg_rms vs Slug



Right In: 149.197+/-0.065 χ^2/NDF: 59600.2/4

Left Out: 64.680+/-0.011 χ^2/NDF:1150386.4/24

Right Out: 138.381+/-0.050 χ^2/NDF: 639118.3/6

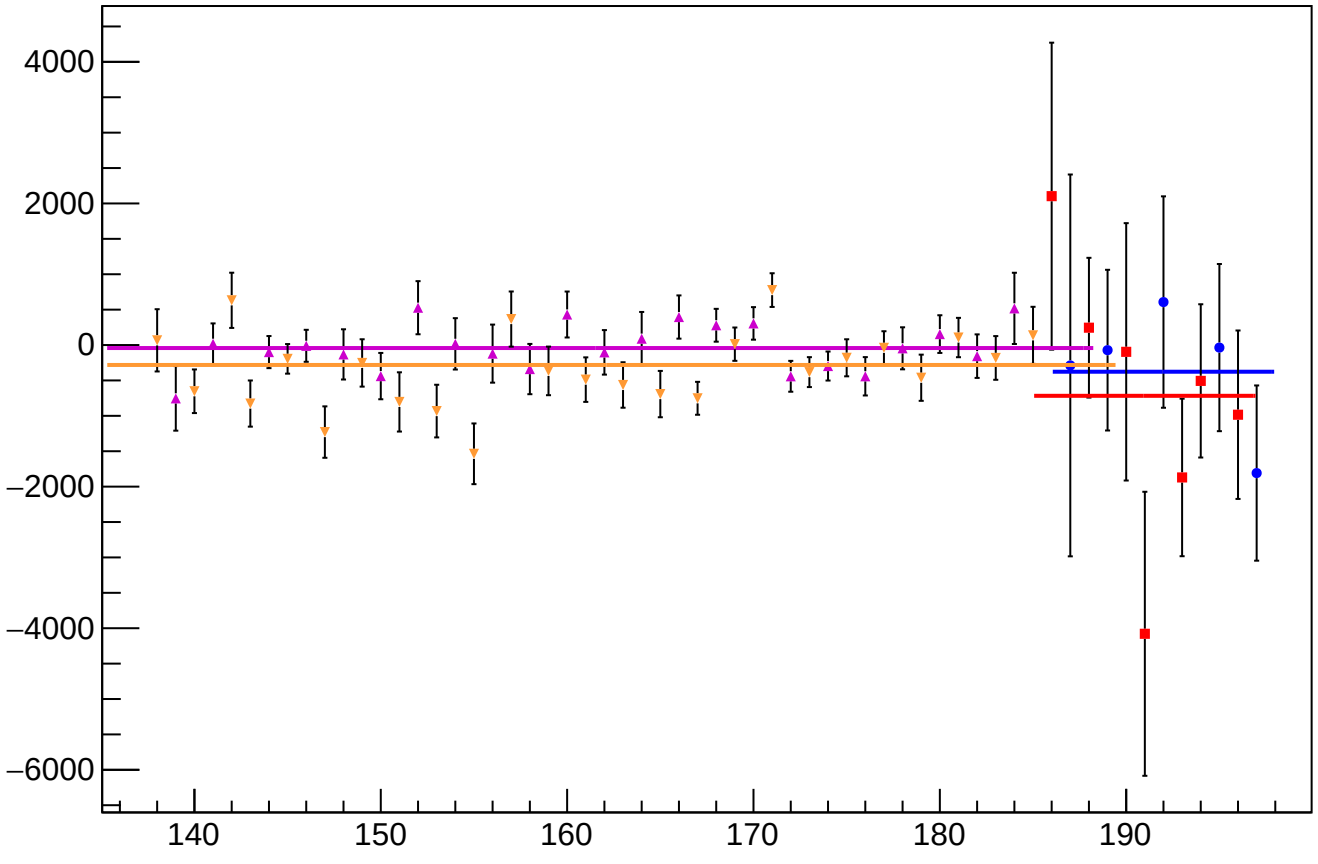
Left In: 66.016+/-0.011 χ^2/NDF:868433.2/22

+ sign 66.995+/-0.011 χ^2/NDF: 2832855.2/29

All: 68.260+/-0.008 χ^2/NDF: 6358163.3/59

- sign 69.593+/-0.011 χ^2/NDF: 3497297.7/29

asym_sam_1526_avg_correction_mean vs Slug



Right In: -376.893+/-604.906 χ^2/NDF: 1.9/4

Left Out: -281.407+/-59.534 χ^2/NDF:66.5/24

Right Out: -717.154+/-490.368 χ^2/NDF: 6.7/6

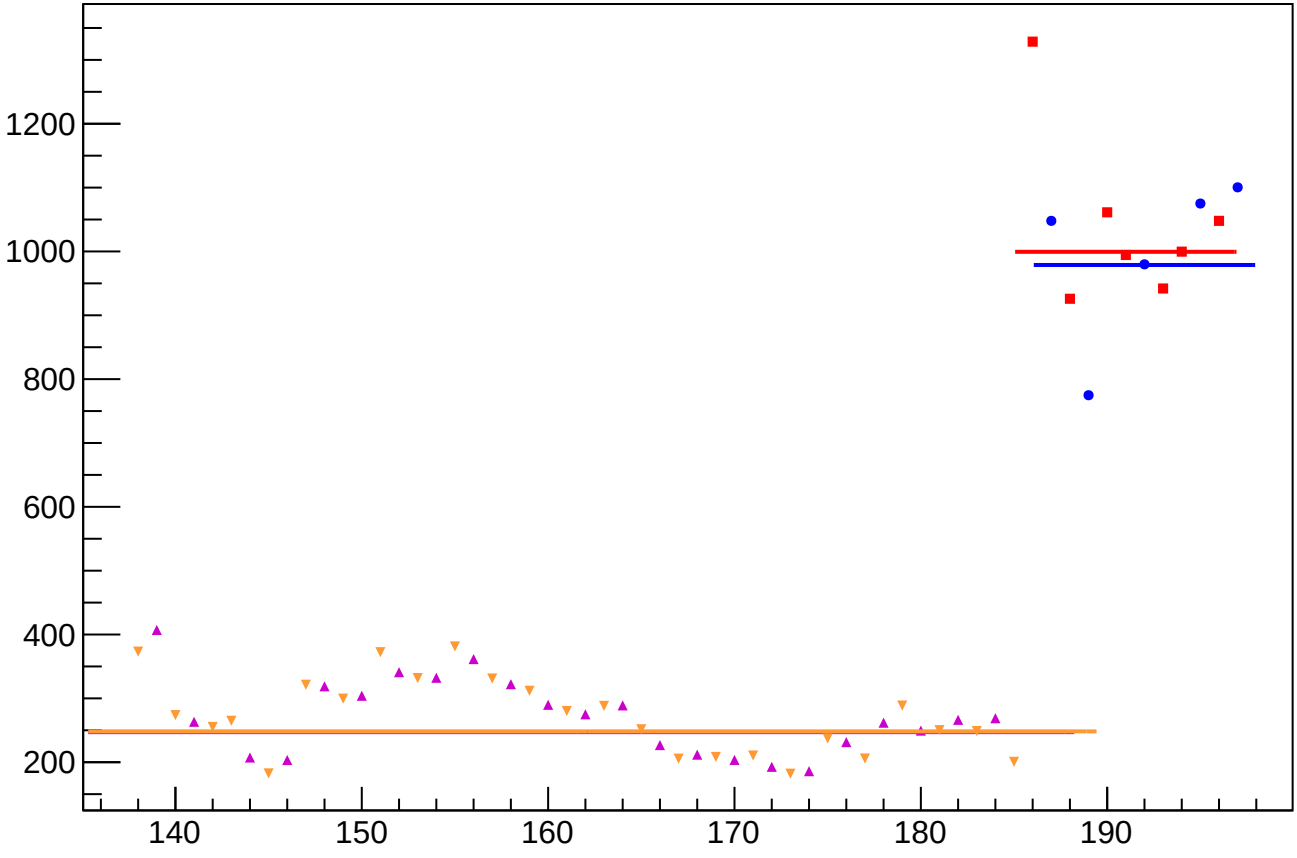
Left In: -42.368+/-60.284 χ^2/NDF:24.7/22

+ sign -282.323+/-59.248 χ^2/NDF: 68.4/29

All: -168.500+/-42.100 χ^2/NDF: 109.2/59

- sign -52.414+/-59.834 χ^2/NDF: 33.3/29

asym_sam_1526_avg_correction_rms vs Slug



Right In: 978.802+/-0.428 χ^2/NDF: 98531.6/4

Left Out: 248.297+/-0.042 χ^2/NDF:1687698.9/24

Right Out: 999.450+/-0.347 χ^2/NDF: 68186.5/6

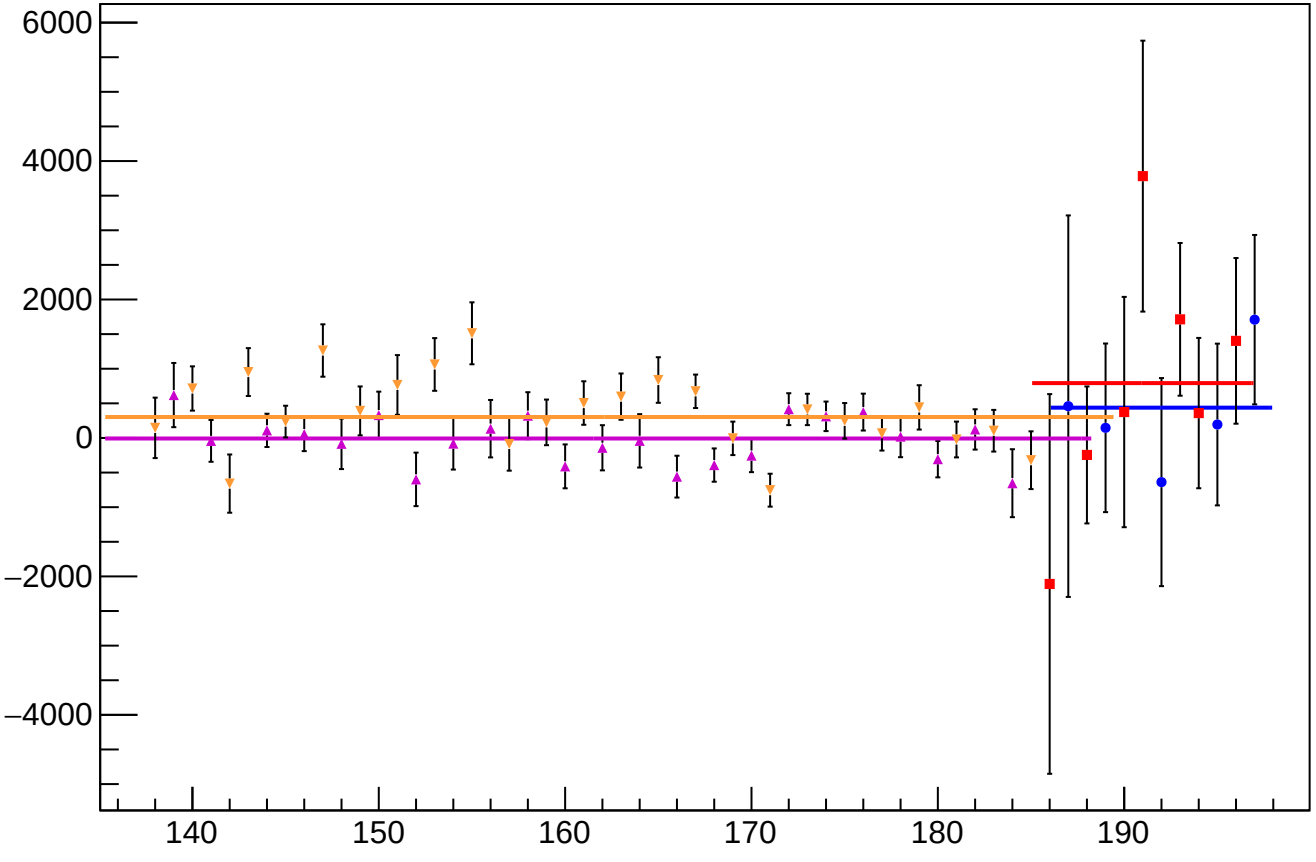
Left In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

+ sign 255.305+/-0.042 χ^2/NDF: 4675012.1/29

All: 256.791+/-0.030 χ^2/NDF: 10922788.9/59

- sign 258.307+/-0.042 χ^2/NDF: 6245234.7/29

asym_sam_1526_avg_mean vs Slug



Right In: 437.689+/-614.400 χ^2/NDF: 1.7/4

Left Out: 302.420+/-60.991 χ^2/NDF:63.8/24

Right Out: 792.271+/-491.134 χ^2/NDF: 5.7/6

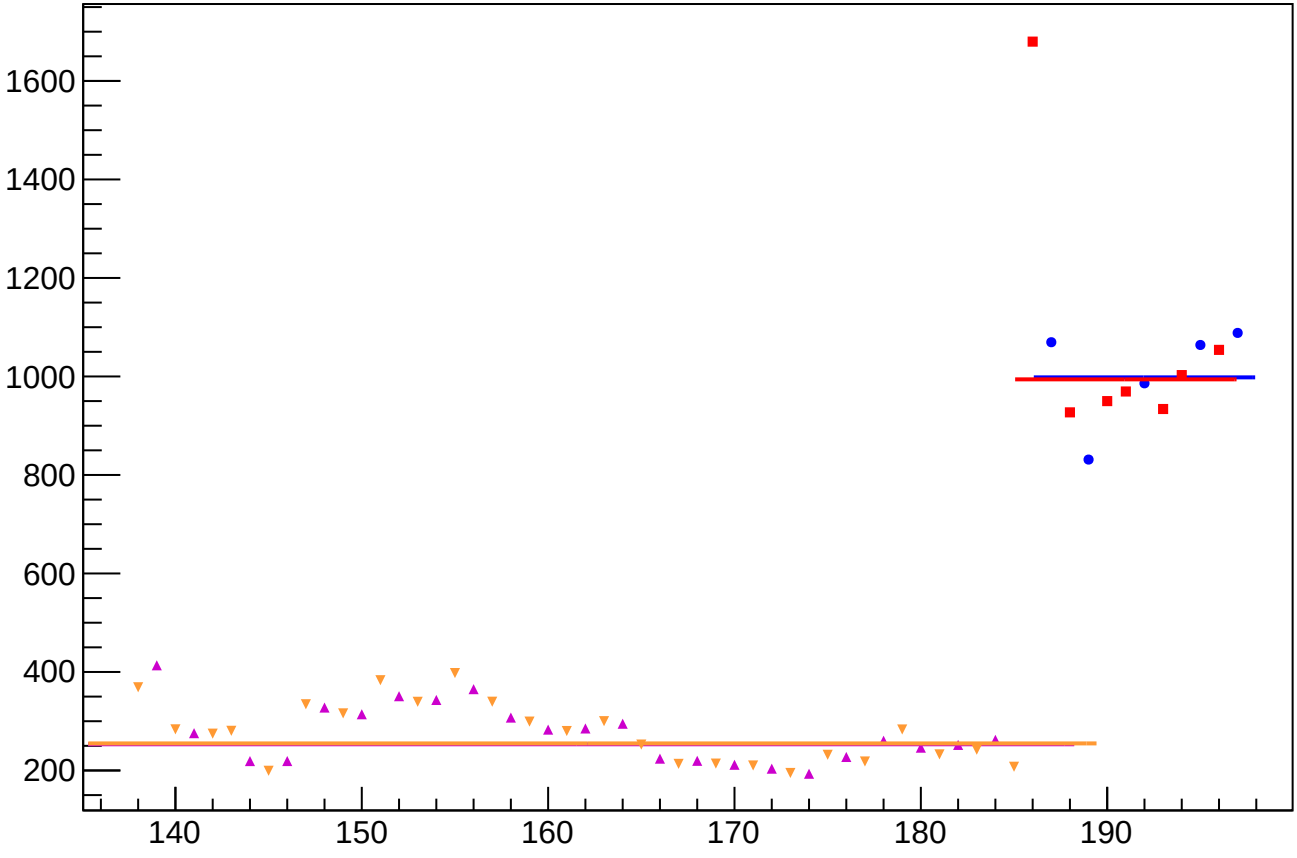
Left In: -7.915+/-61.726 χ^2/NDF:26.3/22

+ sign 303.740+/-60.692 χ^2/NDF: 65.6/29

All: 155.487+/-43.110 χ^2/NDF: 112.3/59

- sign 4.528+/-61.244 χ^2/NDF: 34.6/29

asym_sam_1526_avg_rms vs Slug



Right In: 998.144+/-0.434 χ^2/NDF: 56262.4/4

Left Out: 254.937+/-0.043 χ^2/NDF:1541708.7/24

Right Out: 994.113+/-0.347 χ^2/NDF: 147036.5/6

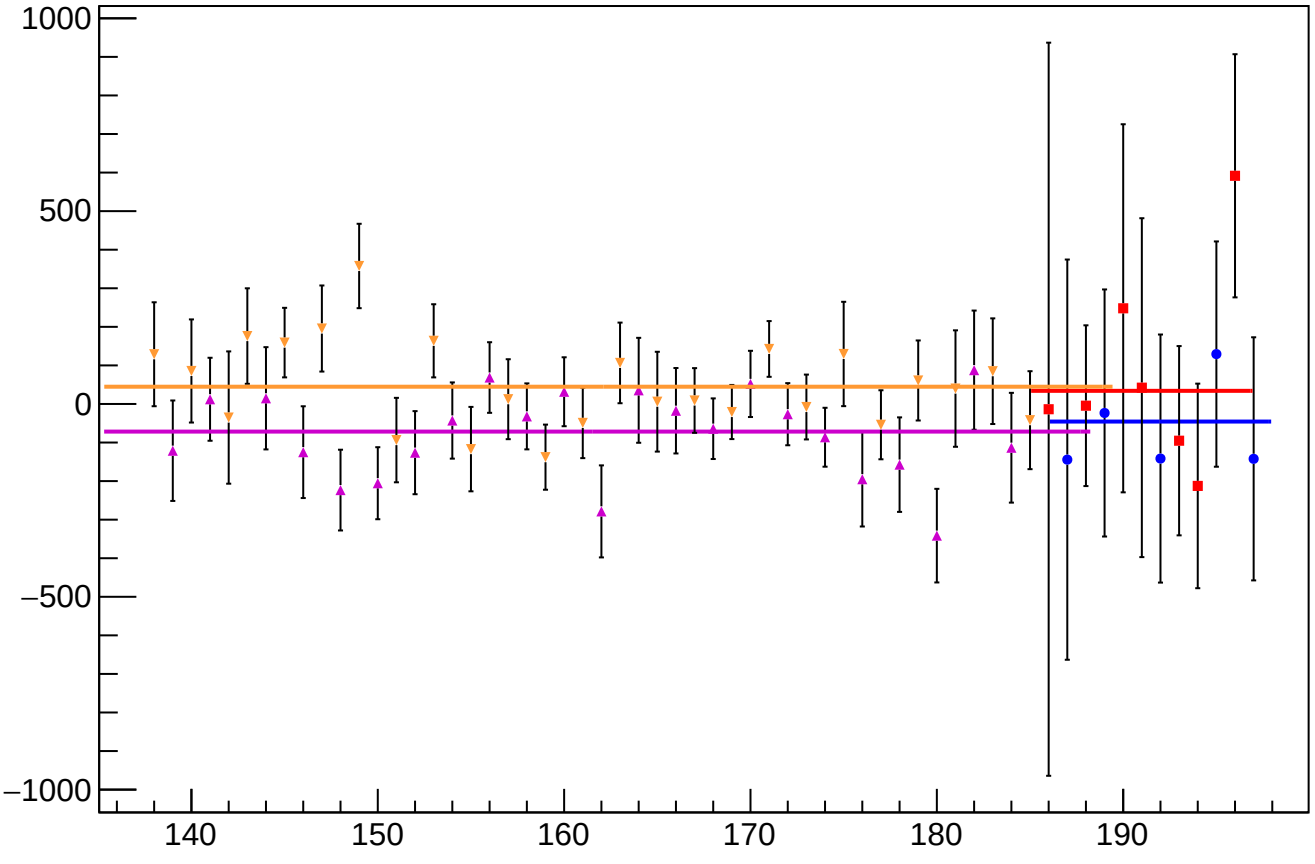
Left In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

+ sign 262.190+/-0.043 χ^2/NDF: 4495897.7/29

All: 263.429+/-0.030 χ^2/NDF: 10492346.2/59

- sign 264.692+/-0.043 χ^2/NDF: 5994764.5/29

dit_asym_sam_3726_avg_mean vs Slug



Right In: -45.605+/-149.217 χ^2/NDF: 0.6/4

Left Out: 44.746+/-20.460 χ^2/NDF:30.5/24

Right Out: 34.052+/-115.795 χ^2/NDF: 4.5/6

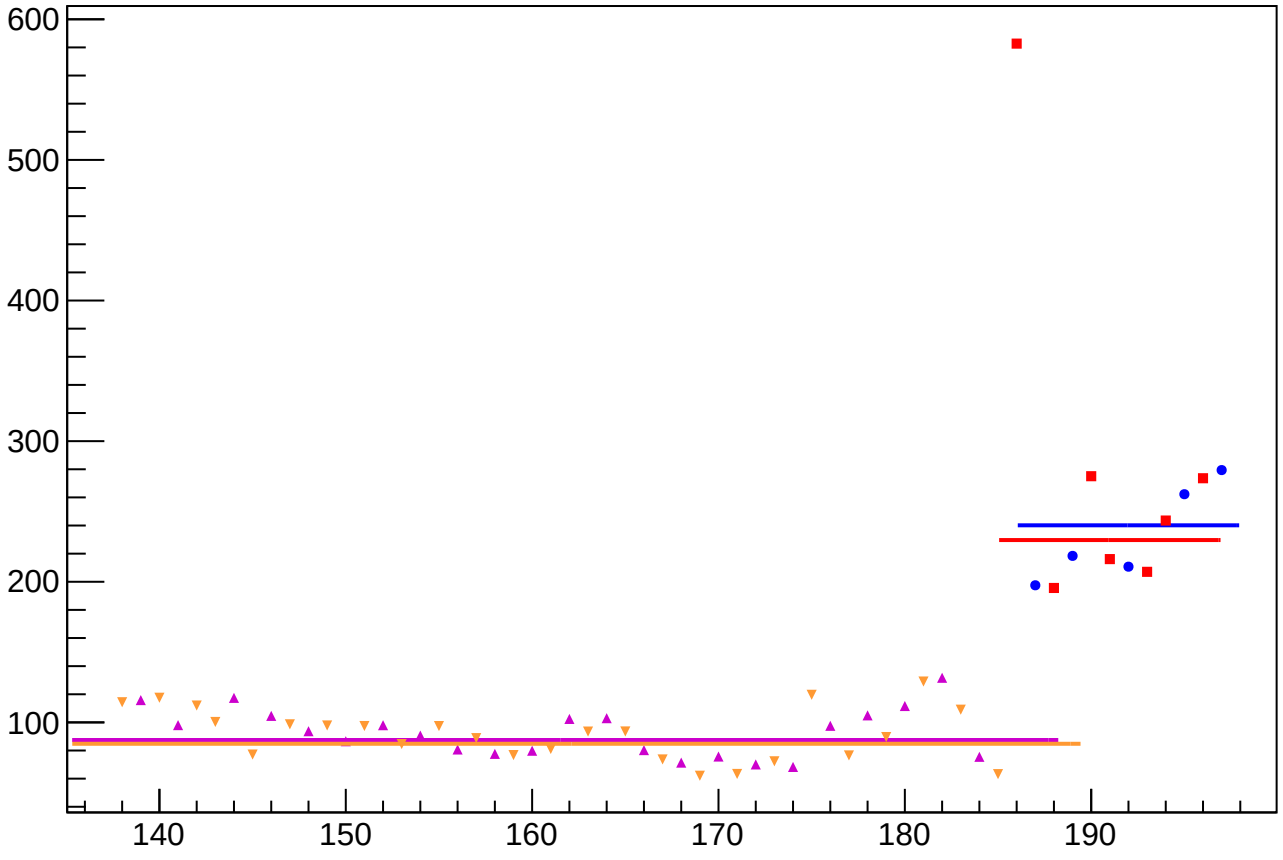
Left In: -71.620+/-21.469 χ^2/NDF:23.7/22

+ sign 43.079+/-20.270 χ^2/NDF: 31.5/29

All: -10.261+/-14.621 χ^2/NDF: 74.9/59

- sign -68.109+/-21.109 χ^2/NDF: 29.0/29

dit_asym_sam_3726_avg_rms vs Slug



Right In: 240.151+/-0.106 χ^2/NDF: 81975.7/4

Left Out: 84.793+/-0.014 χ^2/NDF:1382881.3/24

Right Out: 229.666+/-0.082 χ^2/NDF: 410668.8/6

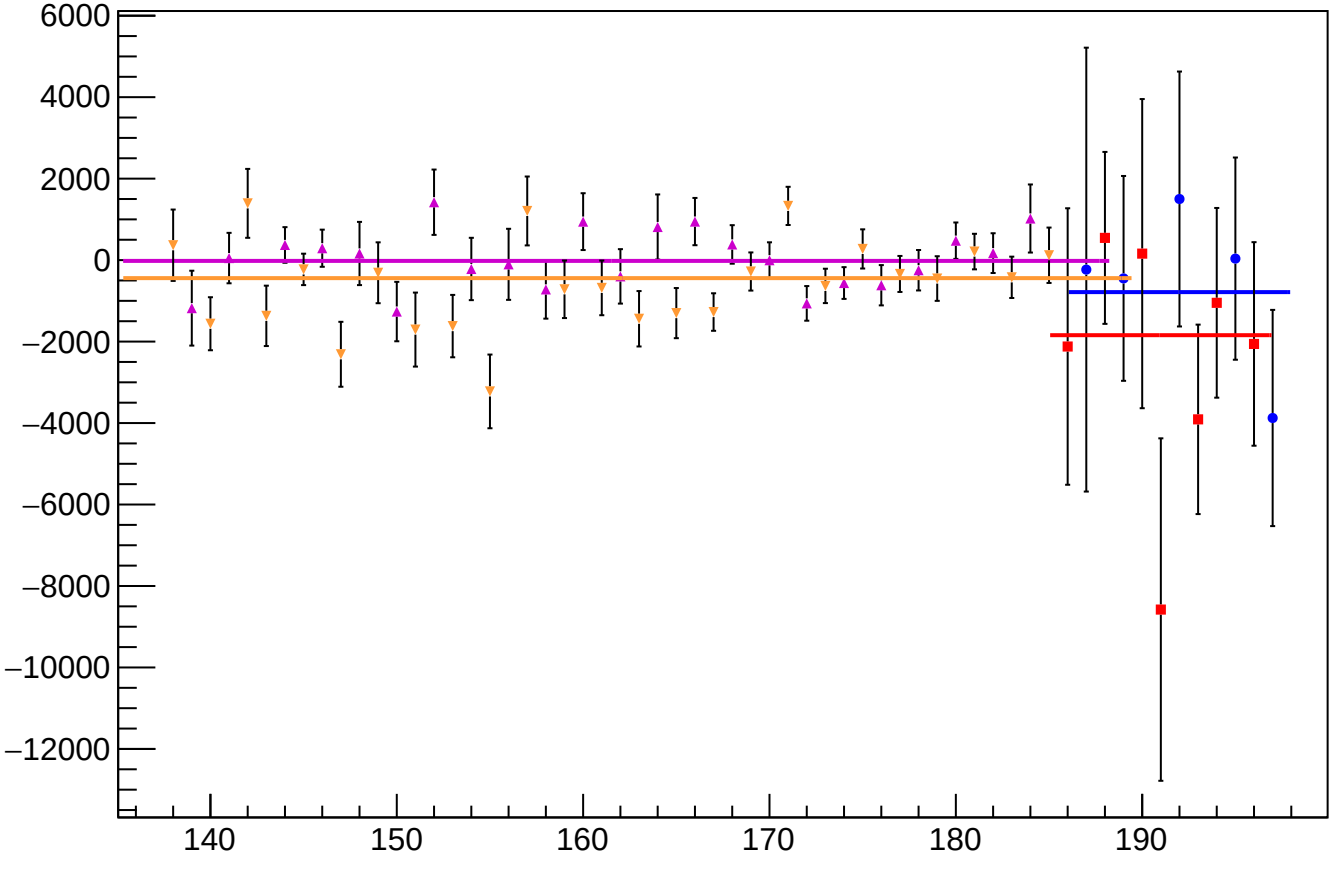
Left In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

+ sign 87.659+/-0.014 χ^2/NDF: 3592867.3/29

All: 89.839+/-0.010 χ^2/NDF: 8023639.4/59

- sign 92.202+/-0.015 χ^2/NDF: 4382577.1/29

asym_sam_3726_avg_correction_mean vs Slug



Right In: -785.497+/-1292.828 χ^2/NDF: 2.0/4

Left Out: -442.284+/-115.425 χ^2/NDF:60.9/24

Right Out: -1843.021+/-1016.965 χ^2/NDF: 5.0/6

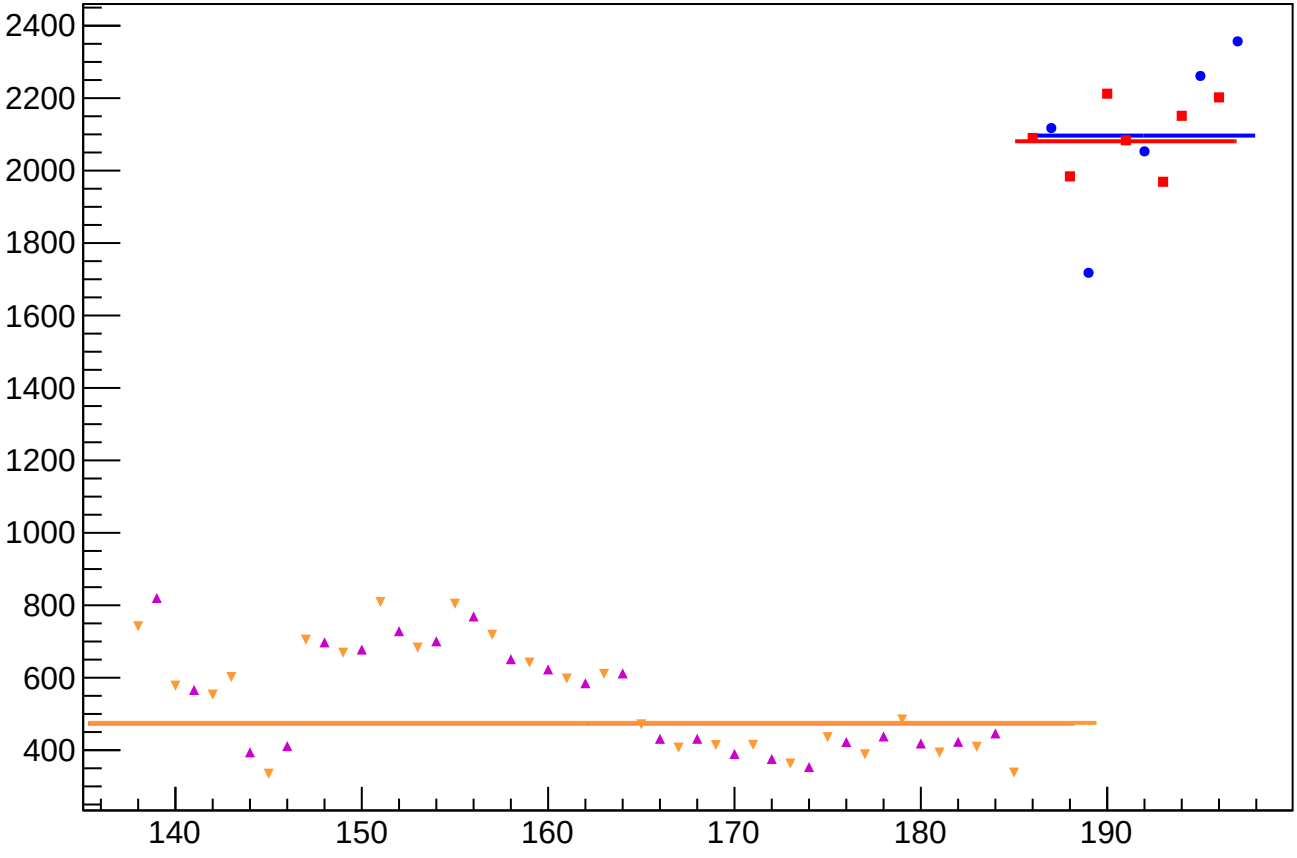
Left In: -19.322+/-116.820 χ^2/NDF:29.5/22

+ sign -444.999+/-114.968 χ^2/NDF: 63.0/29

All: -245.931+/-81.677 χ^2/NDF: 106.8/59

- sign -43.073+/-116.057 χ^2/NDF: 37.7/29

asym_sam_3726_avg_correction_rms vs Slug



Right In: 2096.670+/-0.914 χ^2/NDF: 73824.1/4

Left Out: 475.415+/-0.082 χ^2/NDF:2509706.1/24

Right Out: 2080.984+/-0.719 χ^2/NDF: 17783.5/6

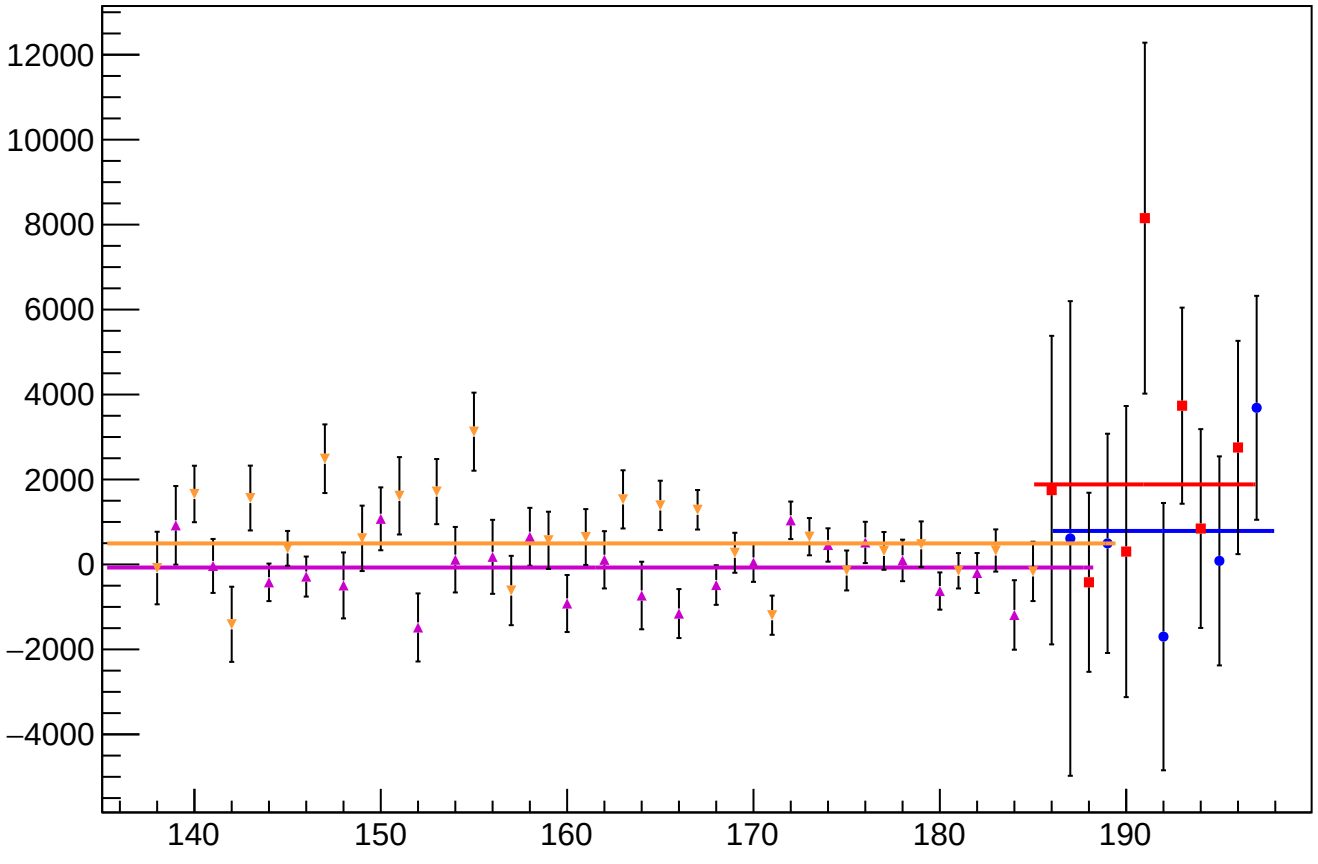
Left In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

+ sign 488.236+/-0.081 χ^2/NDF: 5703879.6/29

All: 491.525+/-0.058 χ^2/NDF: 12828648.9/59

- sign 494.876+/-0.082 χ^2/NDF: 7121465.2/29

asym_sam_3726_avg_mean vs Slug



Right In: 788.593+/-1299.469 χ^2/NDF: 1.9/4

Left Out: 495.259+/-115.521 χ^2/NDF:57.2/24

Right Out: 1884.080+/-1013.533 χ^2/NDF: 4.7/6

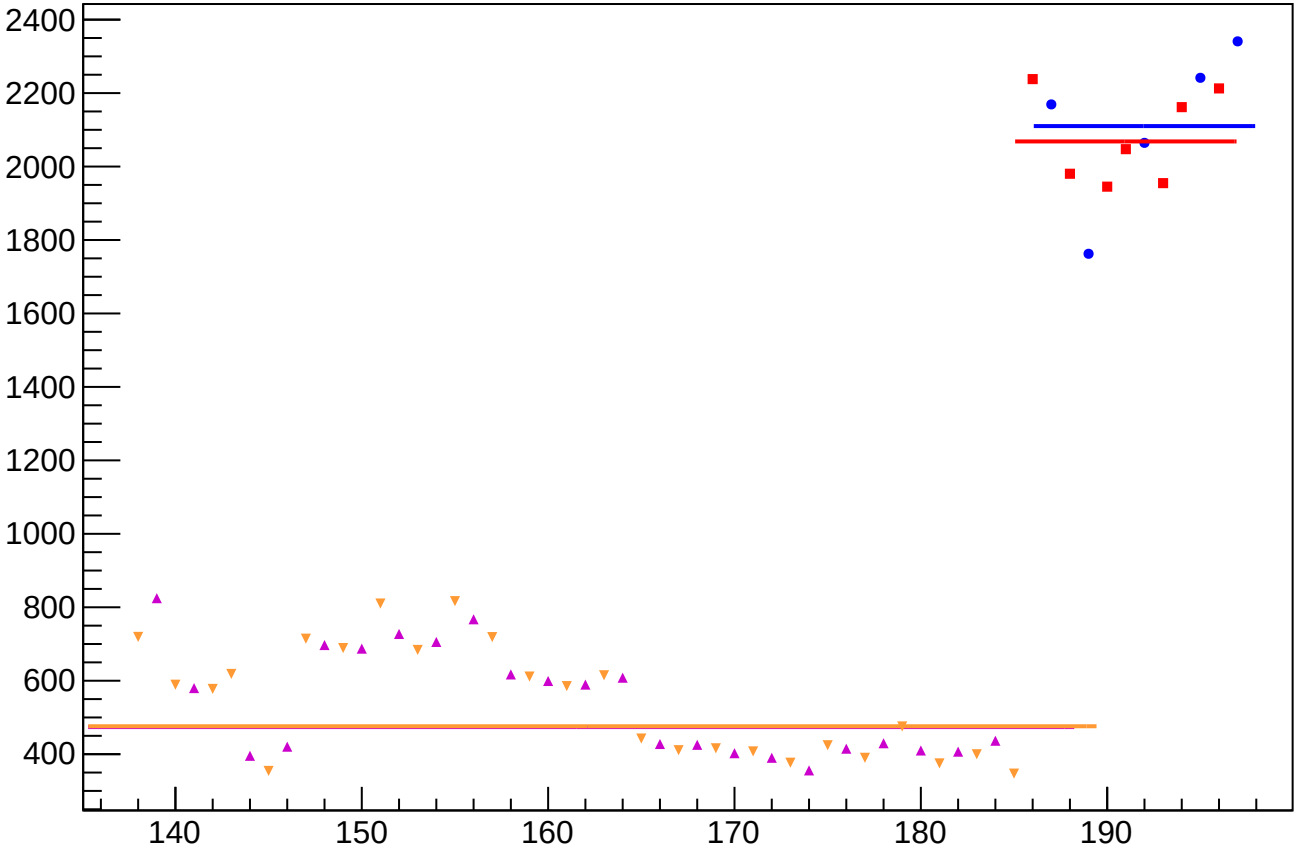
Left In: -72.627+/-116.927 χ^2/NDF:29.1/22

+ sign 497.559+/-115.068 χ^2/NDF: 59.1/29

All: 227.881+/-81.747 χ^2/NDF: 107.6/59

- sign -46.927+/-116.157 χ^2/NDF: 37.4/29

asym_sam_3726_avg_rms vs Slug



Right In: 2110.175+/-0.919 χ^2/NDF: 57964.9/4

Left Out: 476.057+/-0.082 χ^2/NDF:2461838.6/24

Right Out: 2068.386+/-0.717 χ^2/NDF: 25116.3/6

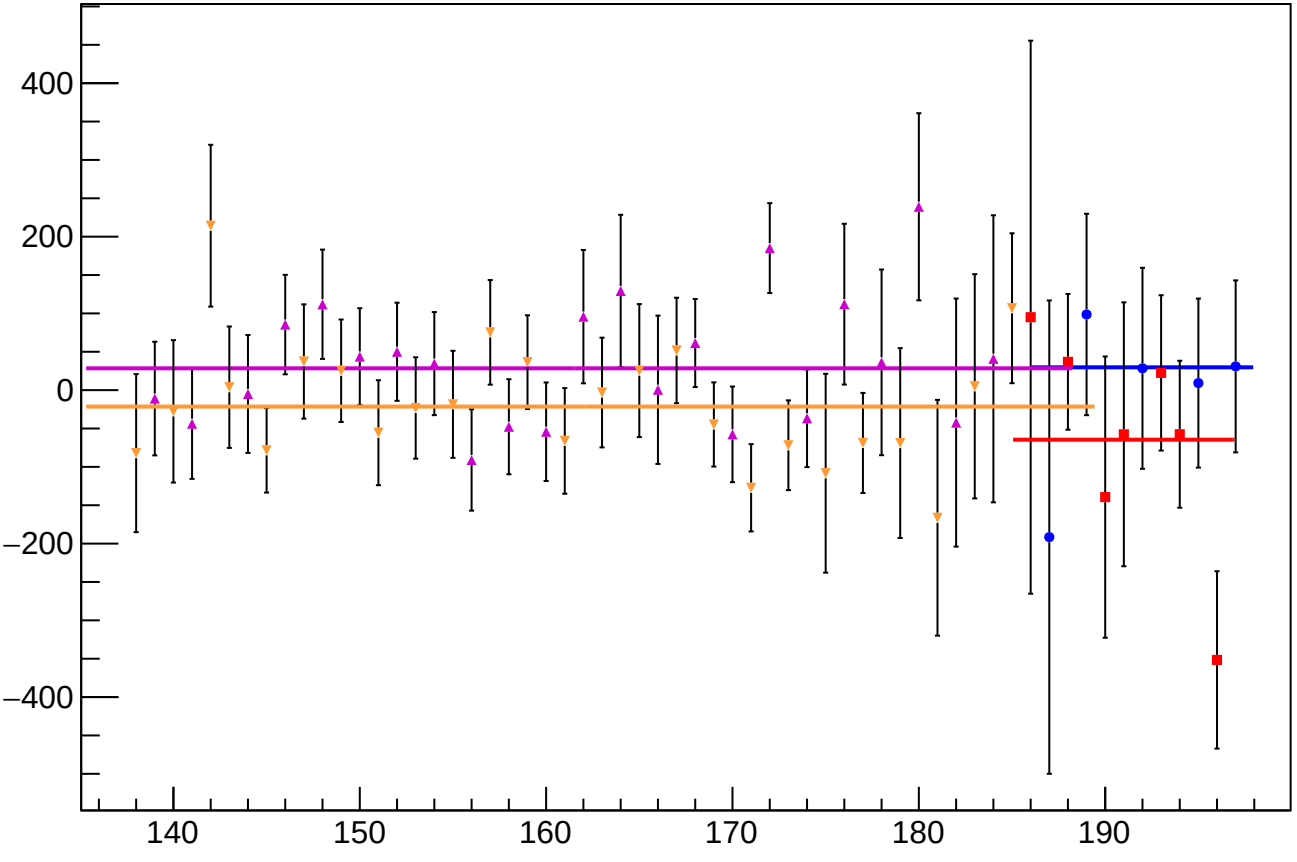
Left In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

+ sign 488.870+/-0.081 χ^2/NDF: 5657754.5/29

All: 491.791+/-0.058 χ^2/NDF: 12684573.2/59

- sign 494.767+/-0.082 χ^2/NDF: 7024216.7/29

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 29.731+/-58.833 χ^2/NDF: 0.8/4

Left Out: -21.397+/-14.800 χ^2/NDF:20.9/24

Right Out: -64.592+/-45.615 χ^2/NDF: 8.6/6

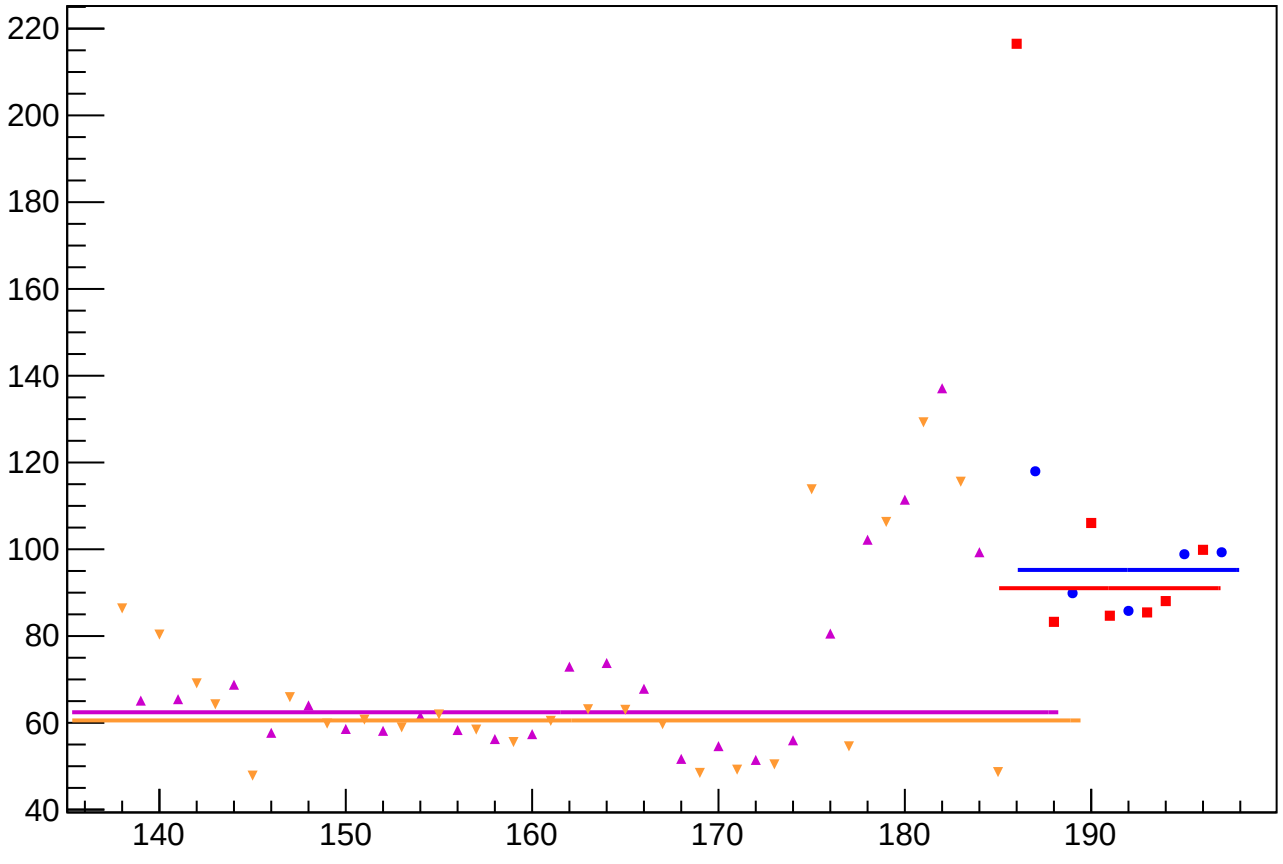
Left In: 28.435+/-15.494 χ^2/NDF:26.2/22

+ sign -18.354+/-14.352 χ^2/NDF: 22.4/29

All: -0.178+/-10.259 χ^2/NDF: 64.2/59

- sign 18.813+/-14.670 χ^2/NDF: 38.5/29

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 95.239+/-0.042 χ^2/NDF: 29394.4/4

Left Out: 60.551+/-0.010 χ^2/NDF:1951663.1/24

Right Out: 91.031+/-0.032 χ^2/NDF: 293762.9/6

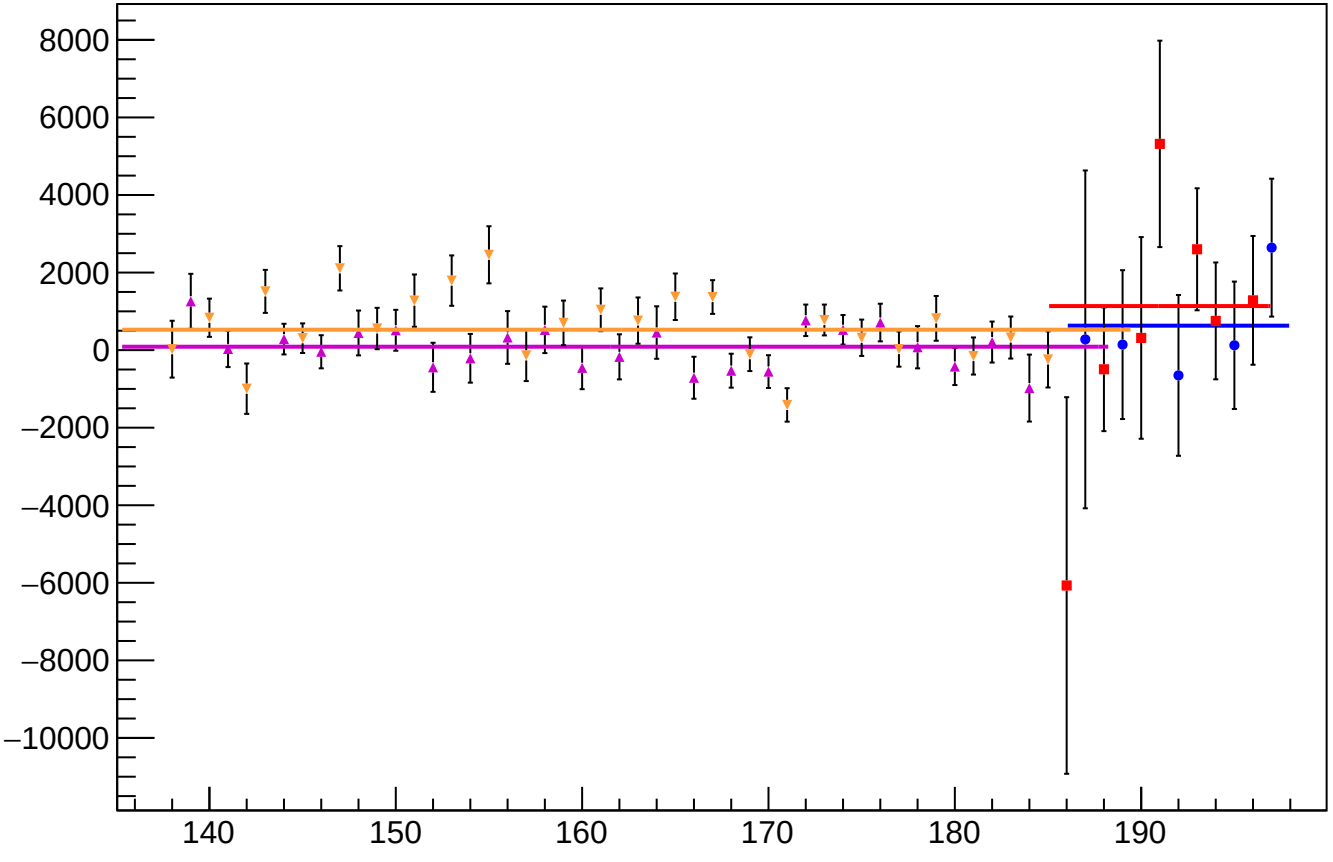
Left In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

+ sign 62.615+/-0.010 χ^2/NDF: 2634964.3/29

All: 63.973+/-0.007 χ^2/NDF: 5115818.8/59

- sign 65.392+/-0.010 χ^2/NDF: 2444232.0/29

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 630.429+/-896.608 χ^2/NDF: 1.8/4

Left Out: 526.705+/-105.414 χ^2/NDF:65.0/24

Right Out: 1135.906+/-719.428 χ^2/NDF: 6.8/6

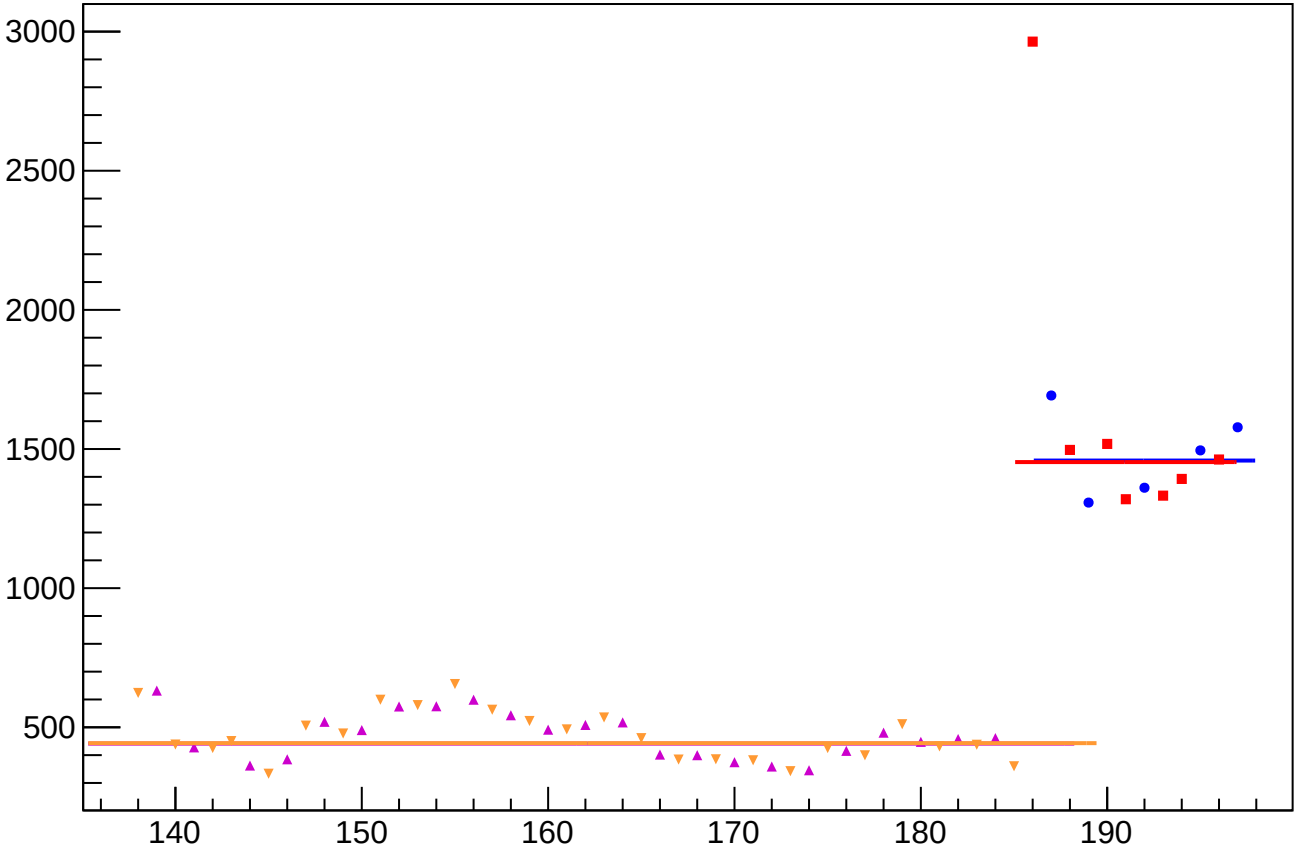
Left In: 87.989+/-106.843 χ^2/NDF:22.1/22

+ sign 528.120+/-104.693 χ^2/NDF: 66.8/29

All: 321.326+/-74.377 χ^2/NDF: 105.7/59

- sign 110.603+/-105.684 χ^2/NDF: 31.0/29

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 1458.554+/-0.634 χ^2/NDF: 32623.8/4

Left Out: 443.031+/-0.075 χ^2/NDF:1171662.6/24

Right Out: 1453.089+/-0.509 χ^2/NDF: 216495.6/6

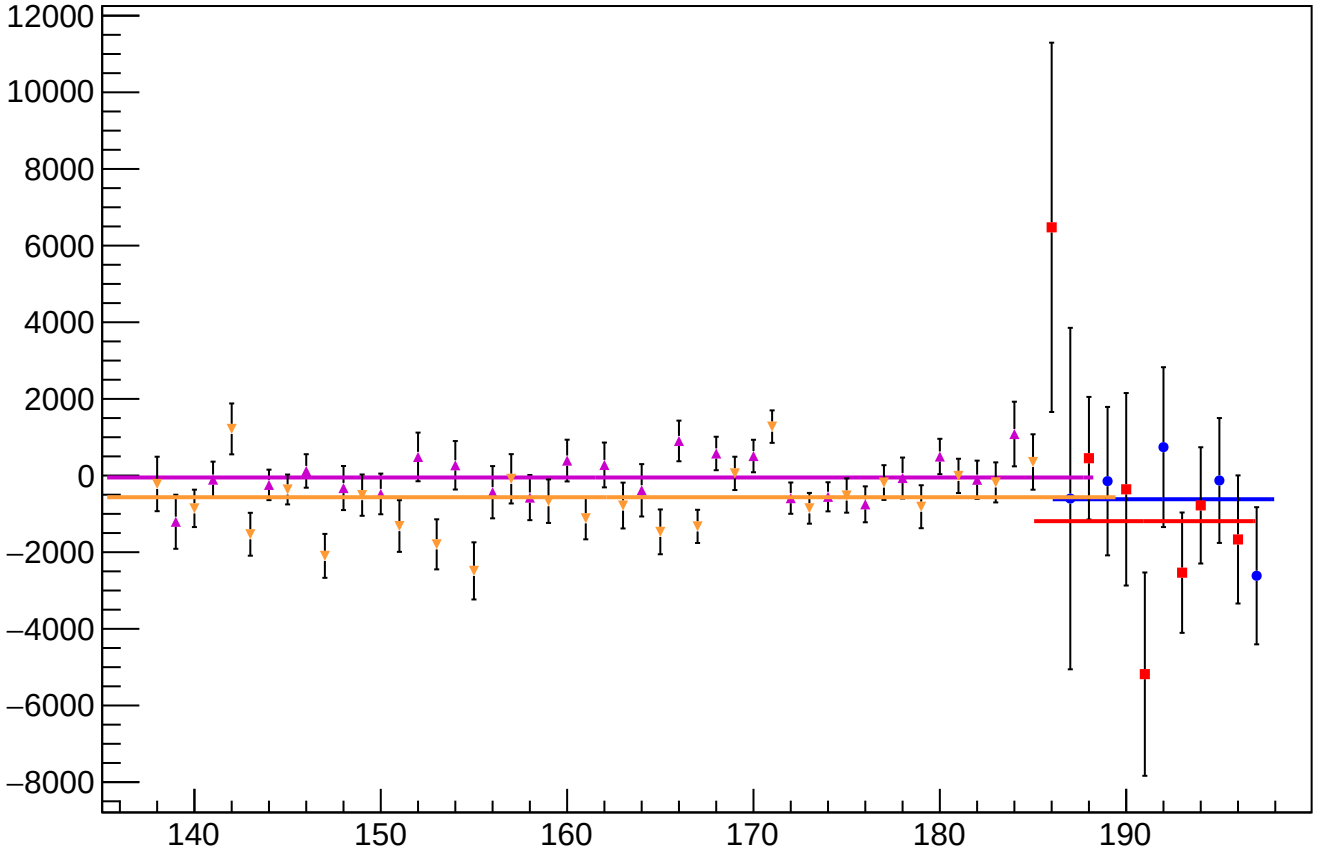
Left In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

+ sign 456.877+/-0.074 χ^2/NDF: 3734995.2/29

All: 460.005+/-0.053 χ^2/NDF: 8860927.2/59

- sign 463.192+/-0.075 χ^2/NDF: 5122328.7/29

asym_sam_15_48_dd_mean vs Slug



Right In: -618.144+/-899.482 χ^2/NDF: 1.8/4

Left Out: -565.545+/-104.460 χ^2/NDF:62.9/24

Right Out: -1190.246+/-719.267 χ^2/NDF: 6.8/6

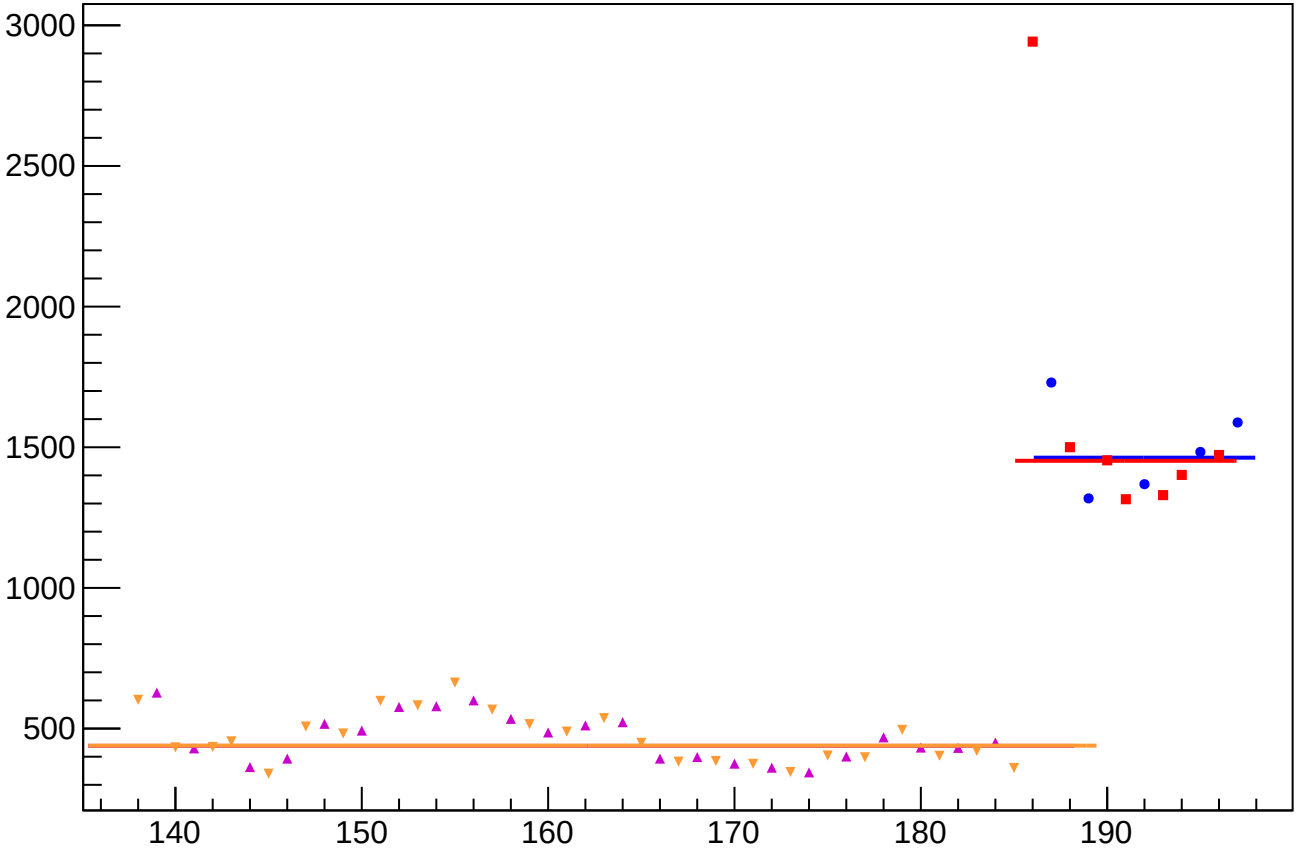
Left In: -50.387+/-106.218 χ^2/NDF:23.3/22

+ sign -566.245+/-103.763 χ^2/NDF: 64.8/29

All: -323.576+/-73.832 χ^2/NDF: 108.4/59

- sign -74.715+/-105.078 χ^2/NDF: 32.6/29

asym_sam_15_48_dd_rms vs Slug



Right In: 1462.966+/-0.636 χ^2/NDF: 32541.6/4

Left Out: 439.314+/-0.074 χ^2/NDF:1164031.3/24

Right Out: 1451.930+/-0.509 χ^2/NDF: 212971.0/6

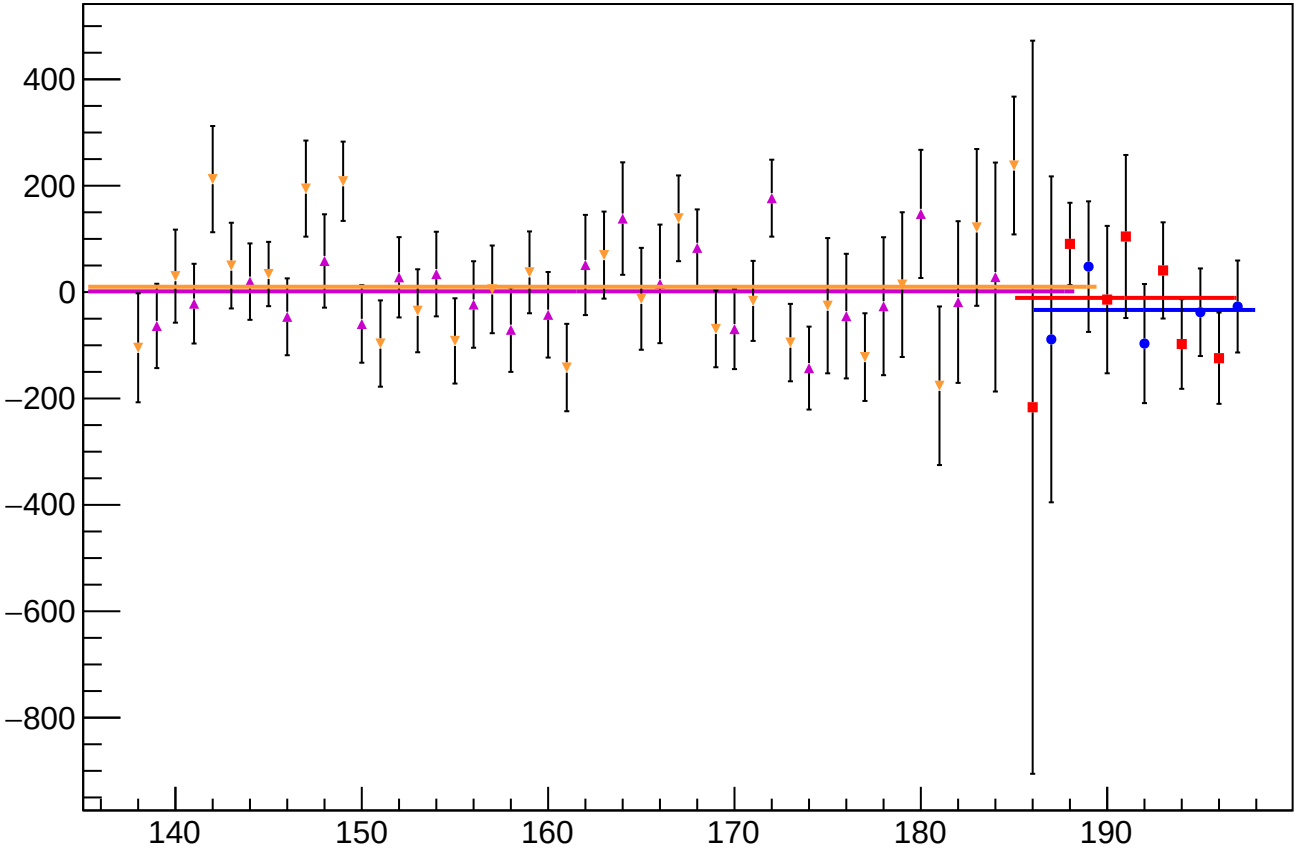
Left In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

+ sign 452.936+/-0.073 χ^2/NDF: 3752398.3/29

All: 456.422+/-0.052 χ^2/NDF: 8881327.0/59

- sign 459.997+/-0.074 χ^2/NDF: 5124357.1/29

dit_asym_sam_37_48_dd_mean vs Slug



Right In: -33.546+/-47.778 χ^2/NDF: 0.8/4

Left Out: 10.078+/-17.207 χ^2/NDF:38.7/24

Right Out: -10.861+/-38.829 χ^2/NDF: 5.5/6

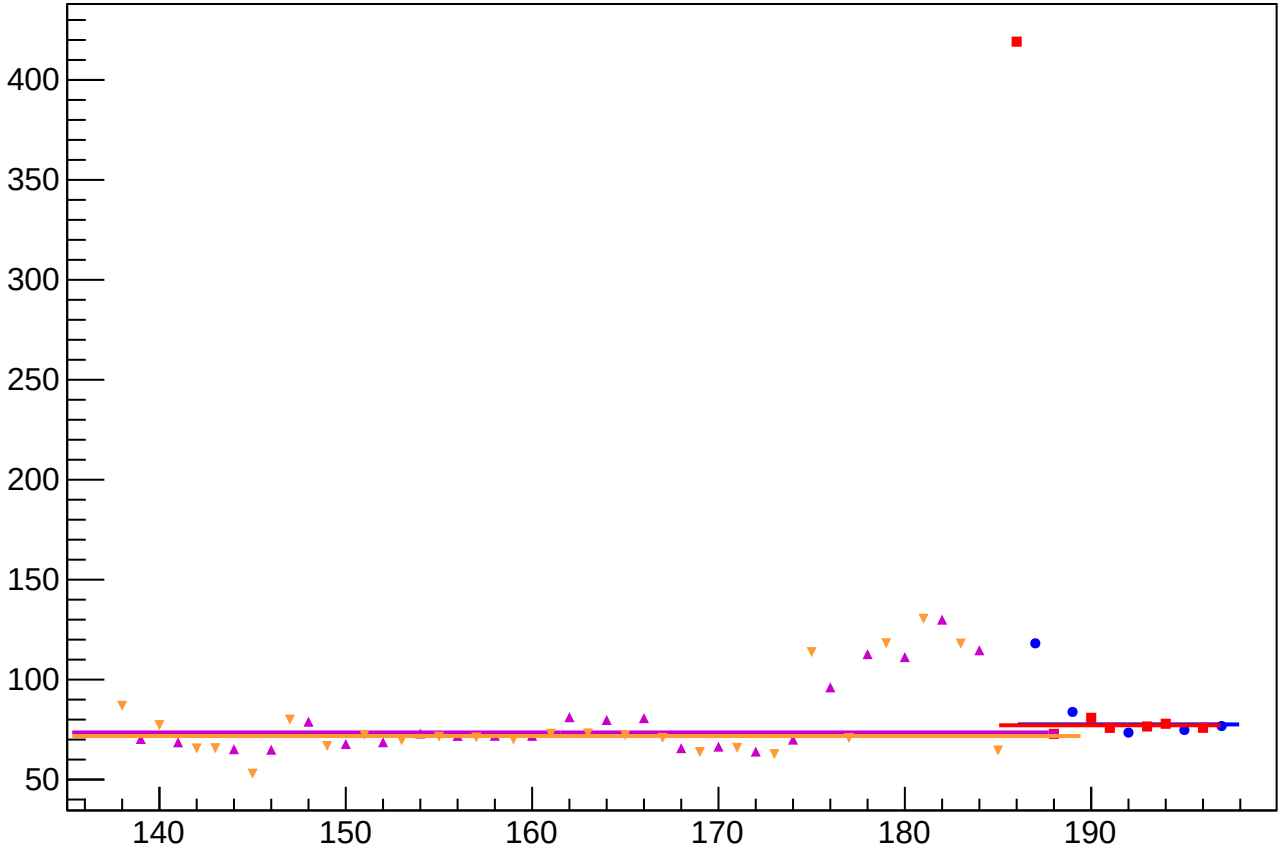
Left In: 1.434+/-17.926 χ^2/NDF:19.0/22

+ sign 5.069+/-16.189 χ^2/NDF: 40.3/29

All: 2.187+/-11.478 χ^2/NDF: 65.0/59

- sign -0.726+/-16.275 χ^2/NDF: 24.6/29

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 77.587+/-0.034 χ^2/NDF: 45406.7/4

Left Out: 71.785+/-0.012 χ^2/NDF:1325726.8/24

Right Out: 77.154+/-0.027 χ^2/NDF: 501134.1/6

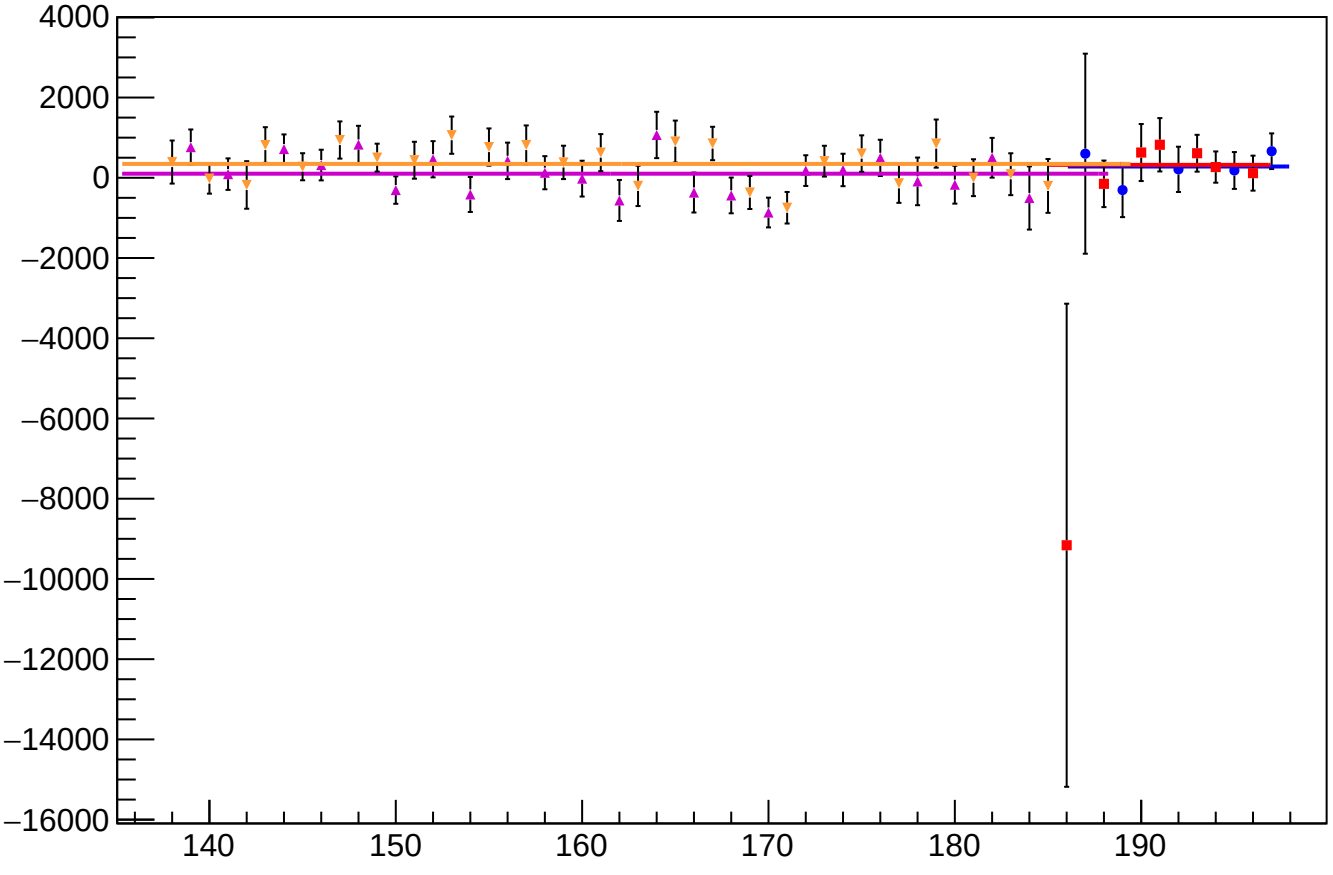
Left In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

+ sign 72.451+/-0.011 χ^2/NDF: 1397246.5/29

All: 73.316+/-0.008 χ^2/NDF: 2933348.2/59

- sign 74.190+/-0.012 χ^2/NDF: 1524624.9/29

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 280.931+/-255.698 χ^2/NDF: 1.6/4

Left Out: 345.360+/-89.857 χ^2/NDF:27.4/24

Right Out: 322.012+/-204.887 χ^2/NDF: 4.5/6

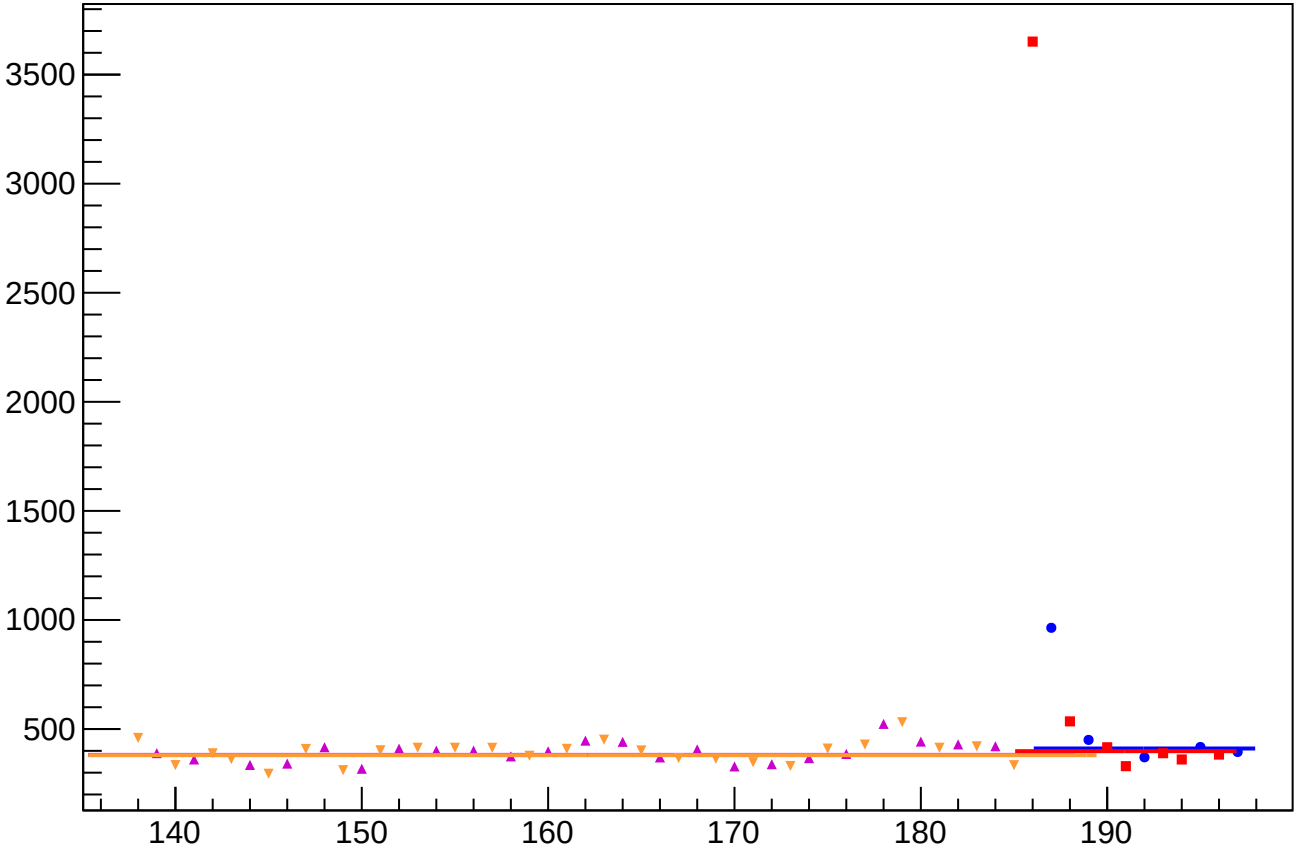
Left In: 101.648+/-91.670 χ^2/NDF:28.1/22

+ sign 338.278+/-84.775 χ^2/NDF: 29.0/29

All: 237.038+/-59.553 χ^2/NDF: 65.4/59

- sign 138.403+/-83.677 χ^2/NDF: 33.6/29

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 410.833+/-0.181 χ^2/NDF: 118592.1/4

Left Out: 380.206+/-0.064 χ^2/NDF:616620.6/24

Right Out: 398.524+/-0.145 χ^2/NDF: 739614.3/6

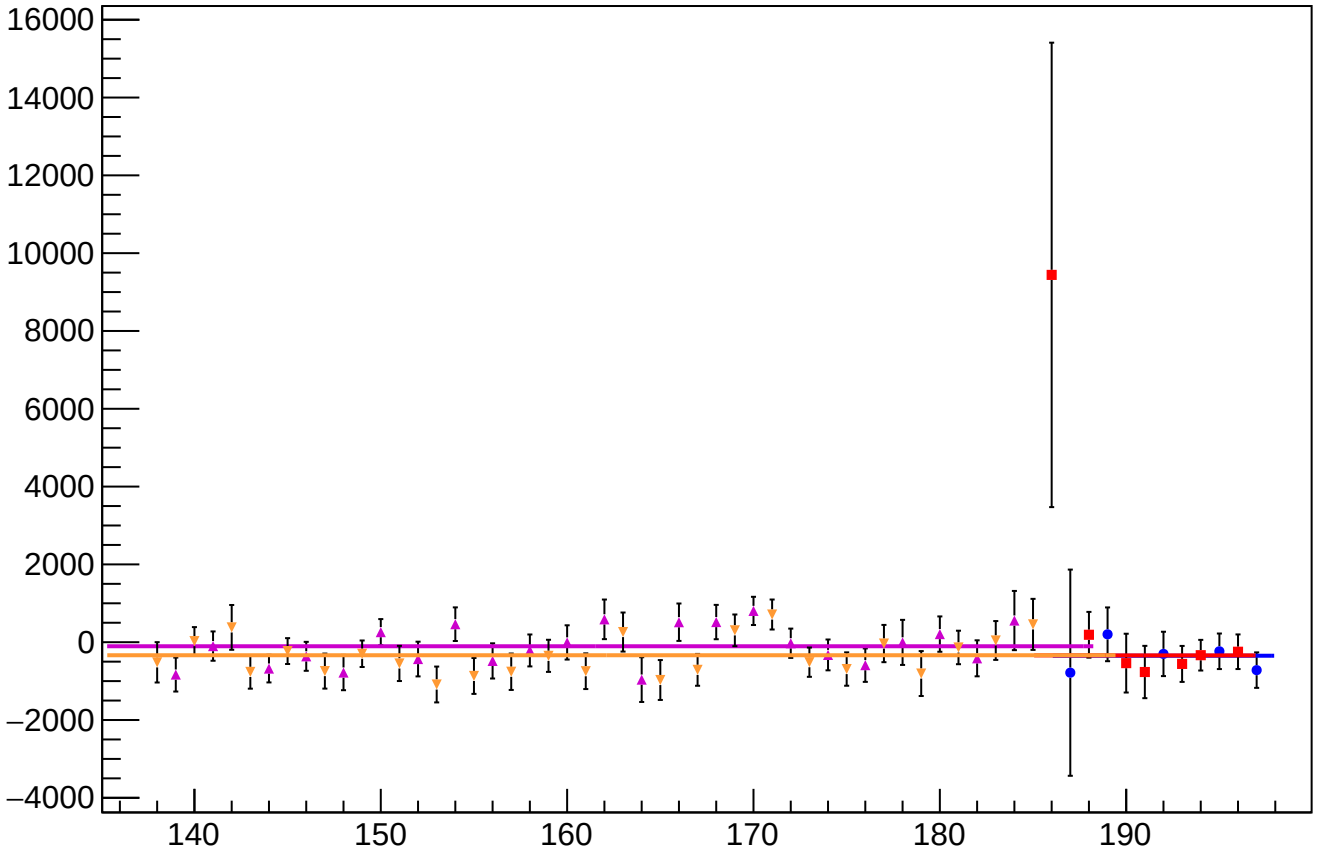
Left In: 381.474+/-0.065 χ^2/NDF:461021.8/22

+ sign 383.573+/-0.060 χ^2/NDF: 760752.3/29

All: 383.950+/-0.042 χ^2/NDF: 1973006.7/59

- sign 384.318+/-0.059 χ^2/NDF: 1212176.2/29

asym_sam_37_48_dd_mean vs Slug



Right In: -347.796+/-258.938 χ^2/NDF: 1.4/4

Left Out: -335.242+/-87.706 χ^2/NDF:28.3/24

Right Out: -339.159+/-208.274 χ^2/NDF: 4.2/6

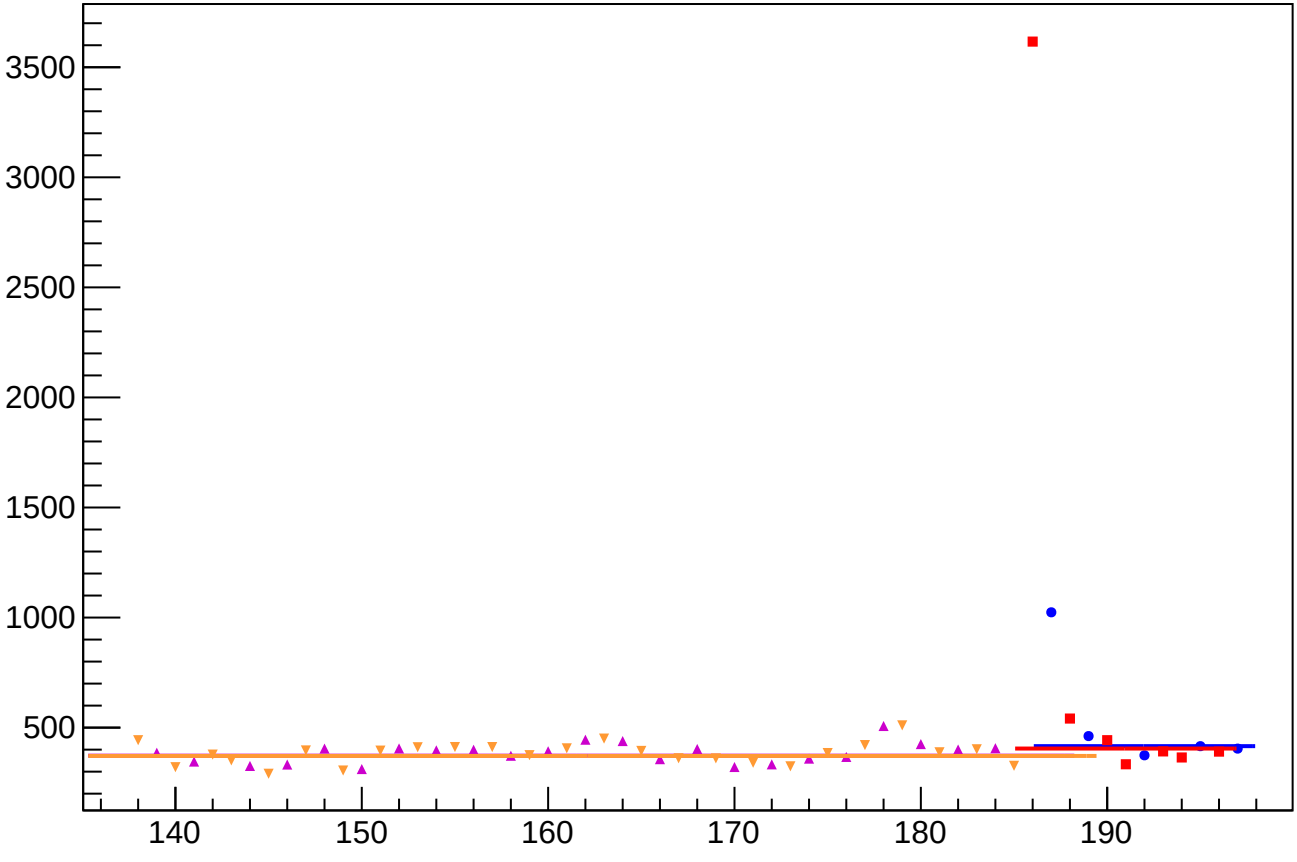
Left In: -104.117+/-89.613 χ^2/NDF:29.7/22

+ sign -336.534+/-83.070 χ^2/NDF: 29.7/29

All: -237.792+/-58.471 χ^2/NDF: 67.5/59

- sign -140.833+/-82.317 χ^2/NDF: 35.0/29

asym_sam_37_48_dd_rms vs Slug



Right In: 415.838+/-0.183 χ^2/NDF: 125893.6/4

Left Out: 371.375+/-0.062 χ^2/NDF:604123.3/24

Right Out: 404.953+/-0.147 χ^2/NDF: 738783.3/6

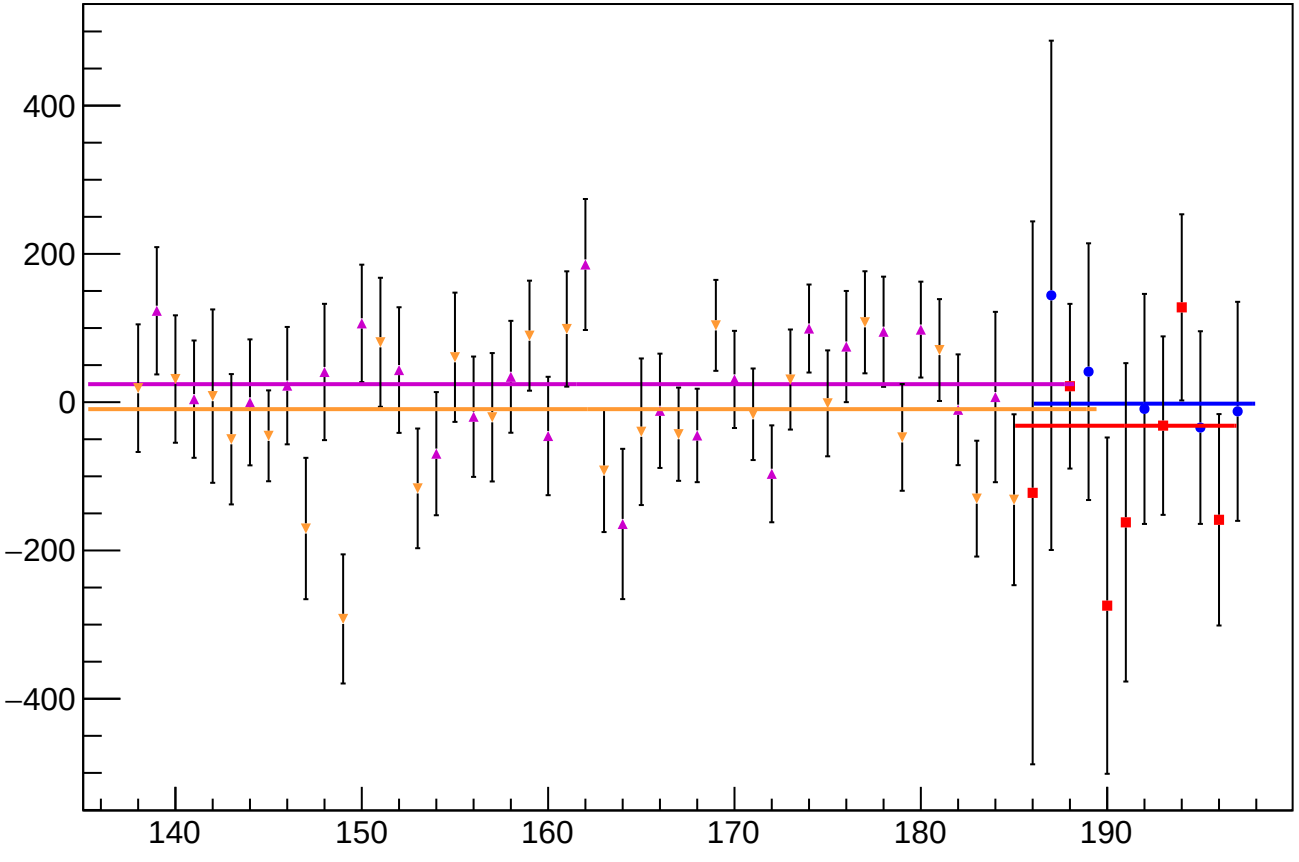
Left In: 372.574+/-0.063 χ^2/NDF:464397.2/22

+ sign 375.951+/-0.059 χ^2/NDF: 782917.0/29

All: 376.799+/-0.041 χ^2/NDF: 2027297.7/59

- sign 377.632+/-0.058 χ^2/NDF: 1243967.6/29

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -2.003+/-72.844 χ^2/NDF: 0.3/4

Left Out: -9.398+/-15.471 χ^2/NDF:34.7/24

Right Out: -31.761+/-56.676 χ^2/NDF: 4.2/6

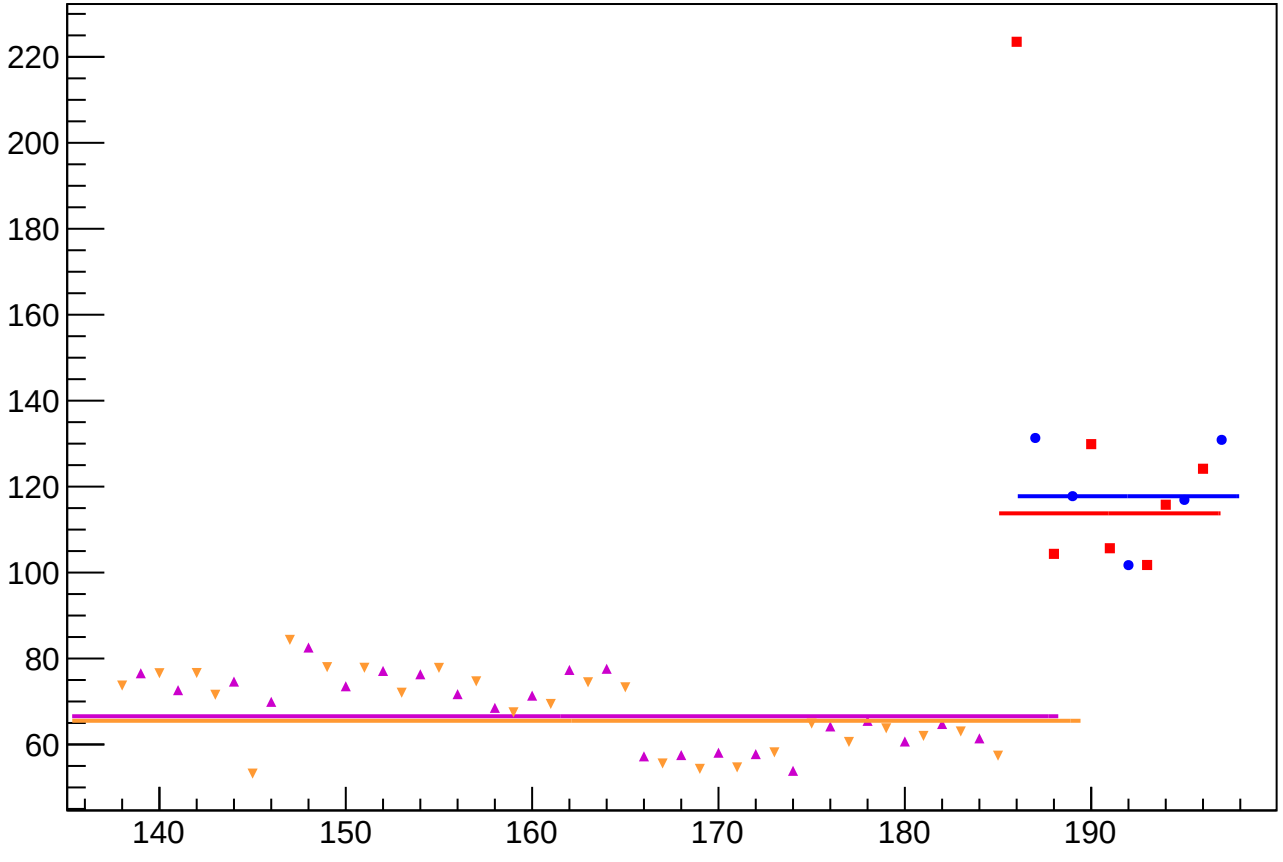
Left In: 24.293+/-16.034 χ^2/NDF:21.1/22

+ sign -9.079+/-15.134 χ^2/NDF: 35.0/29

All: 5.249+/-10.804 χ^2/NDF: 63.1/59

- sign 20.140+/-15.428 χ^2/NDF: 26.3/29

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 117.762+/-0.052 χ^2/NDF: 40341.3/4

Left Out: 65.512+/-0.011 χ^2/NDF:666993.4/24

Right Out: 113.779+/-0.040 χ^2/NDF: 238035.1/6

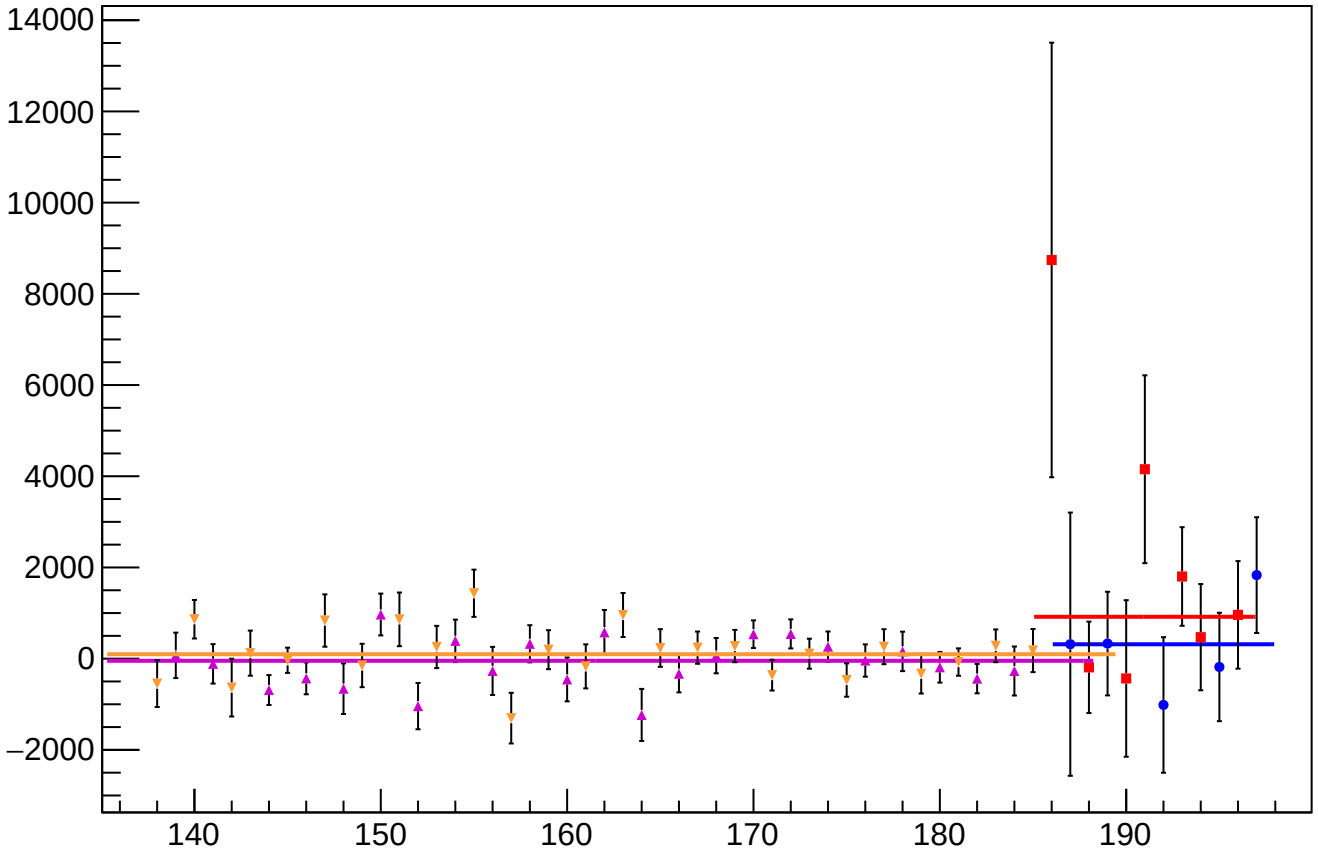
Left In: 66.564+/-0.011 χ^2/NDF:521302.1/22

+ sign 67.767+/-0.011 χ^2/NDF: 1691919.0/29

All: 68.892+/-0.008 χ^2/NDF: 3758967.4/59

- sign 70.062+/-0.011 χ^2/NDF: 2044487.4/29

asym_sam_15_26_dd_correction_mean vs Slug



Right In: 315.624+/-611.342 χ^2/NDF: 2.4/4

Left Out: 97.420+/-82.238 χ^2/NDF:33.3/24

Right Out: 918.456+/-504.633 χ^2/NDF: 7.8/6

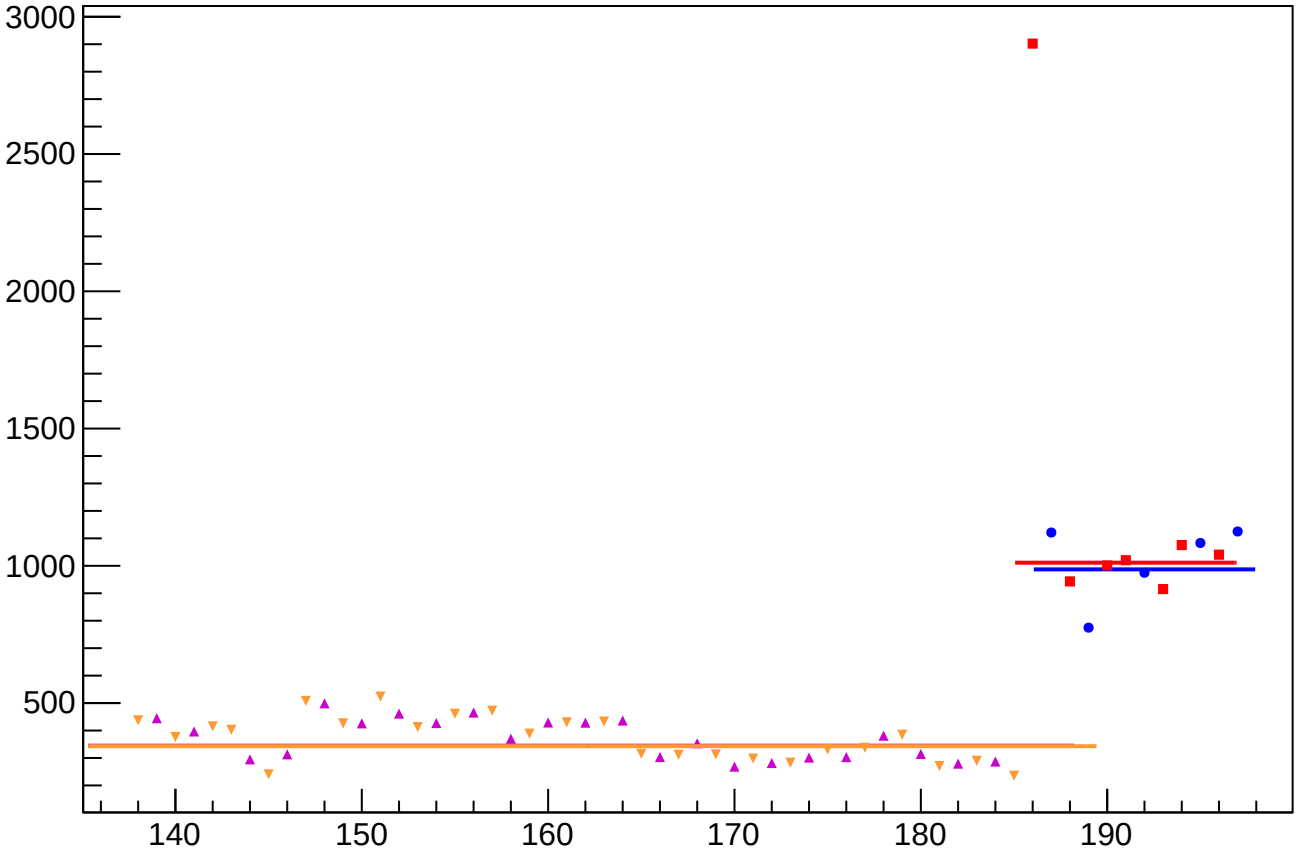
Left In: -46.660+/-83.857 χ^2/NDF:34.2/22

+ sign 101.298+/-81.504 χ^2/NDF: 35.8/29

All: 41.193+/-58.058 χ^2/NDF: 82.6/59

- sign -20.725+/-82.723 χ^2/NDF: 45.6/29

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 987.028+/-0.432 χ^2/NDF: 111000.0/4

Left Out: 342.995+/-0.058 χ^2/NDF:1665121.0/24

Right Out: 1011.449+/-0.357 χ^2/NDF: 347439.0/6

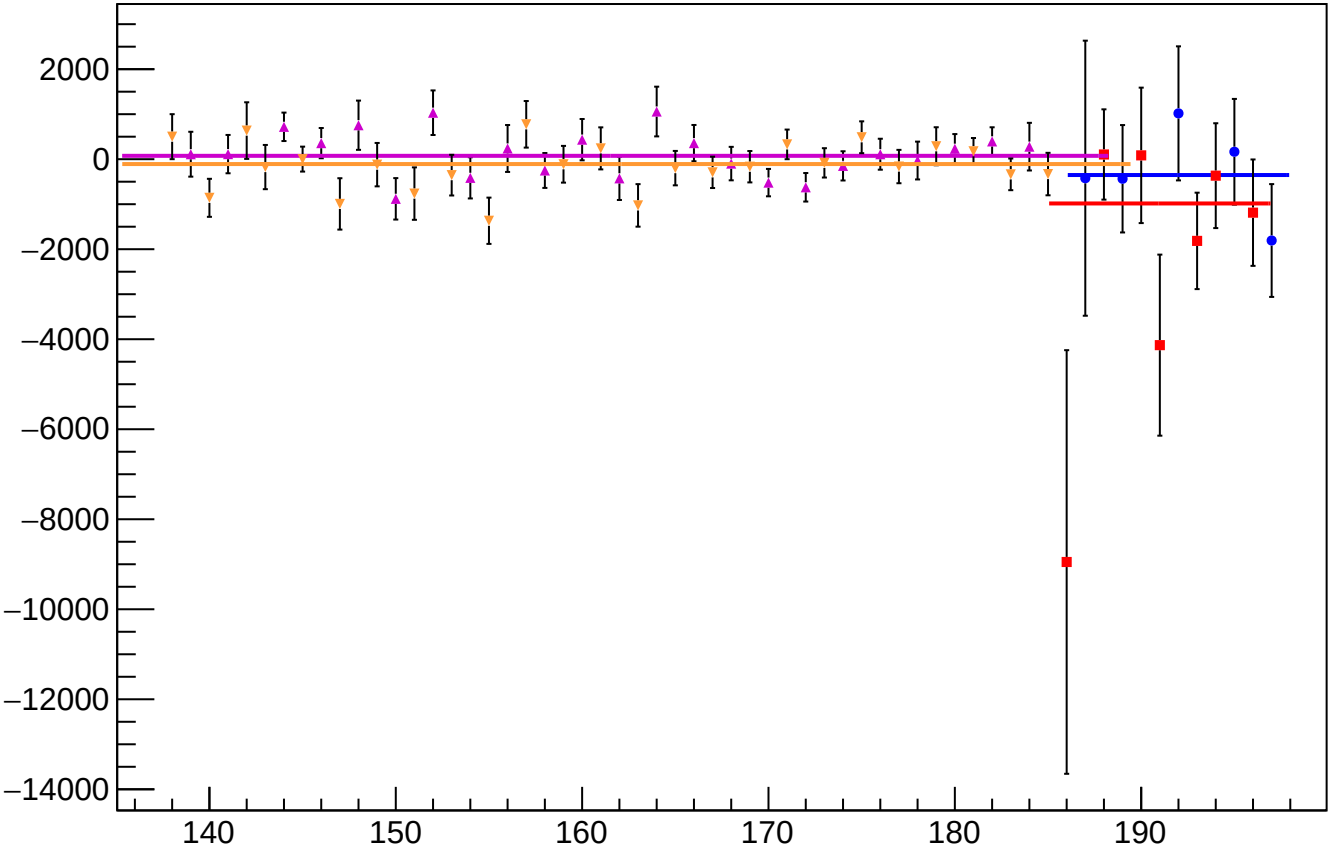
Left In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

+ sign 354.442+/-0.058 χ^2/NDF: 3956286.1/29

All: 358.526+/-0.041 χ^2/NDF: 8974865.0/59

- sign 362.732+/-0.058 χ^2/NDF: 5008388.2/29

asym_sam_15_26_dd_mean vs Slug



Right In: -351.737+/-617.527 χ^2/NDF: 2.4/4

Left Out: -108.037+/-80.579 χ^2/NDF:30.9/24

Right Out: -983.511+/-496.763 χ^2/NDF: 7.9/6

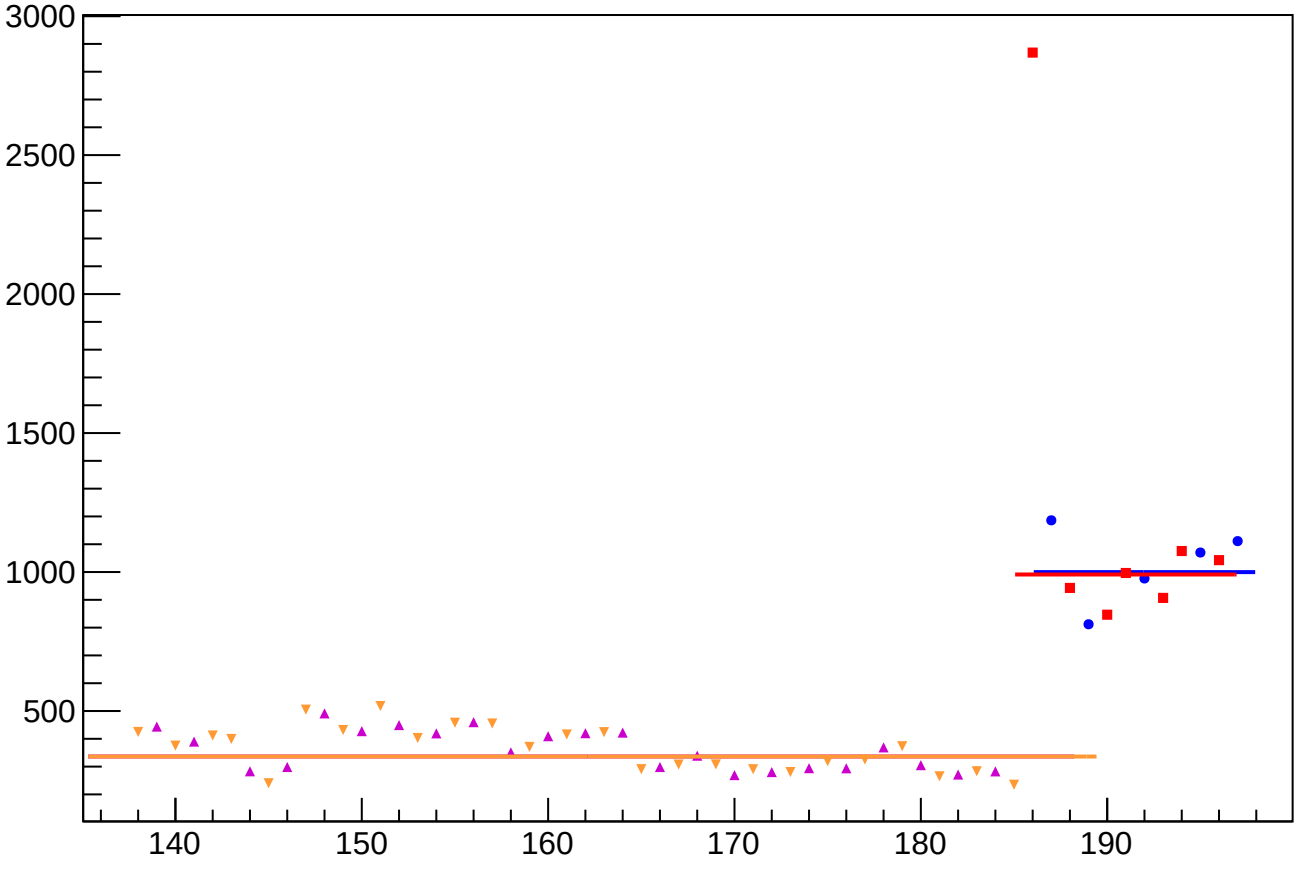
Left In: 74.986+/-81.949 χ^2/NDF:32.7/22

+ sign -112.117+/-79.902 χ^2/NDF: 33.4/29

All: -33.531+/-56.834 χ^2/NDF: 80.4/59

- sign 46.943+/-80.856 χ^2/NDF: 45.0/29

asym_sam_15_26_dd_rms vs Slug



Right In: 999.702+/-0.437 χ^2/NDF: 80388.9/4

Left Out: 336.231+/-0.057 χ^2/NDF:1659693.0/24

Right Out: 991.164+/-0.351 χ^2/NDF: 368179.8/6

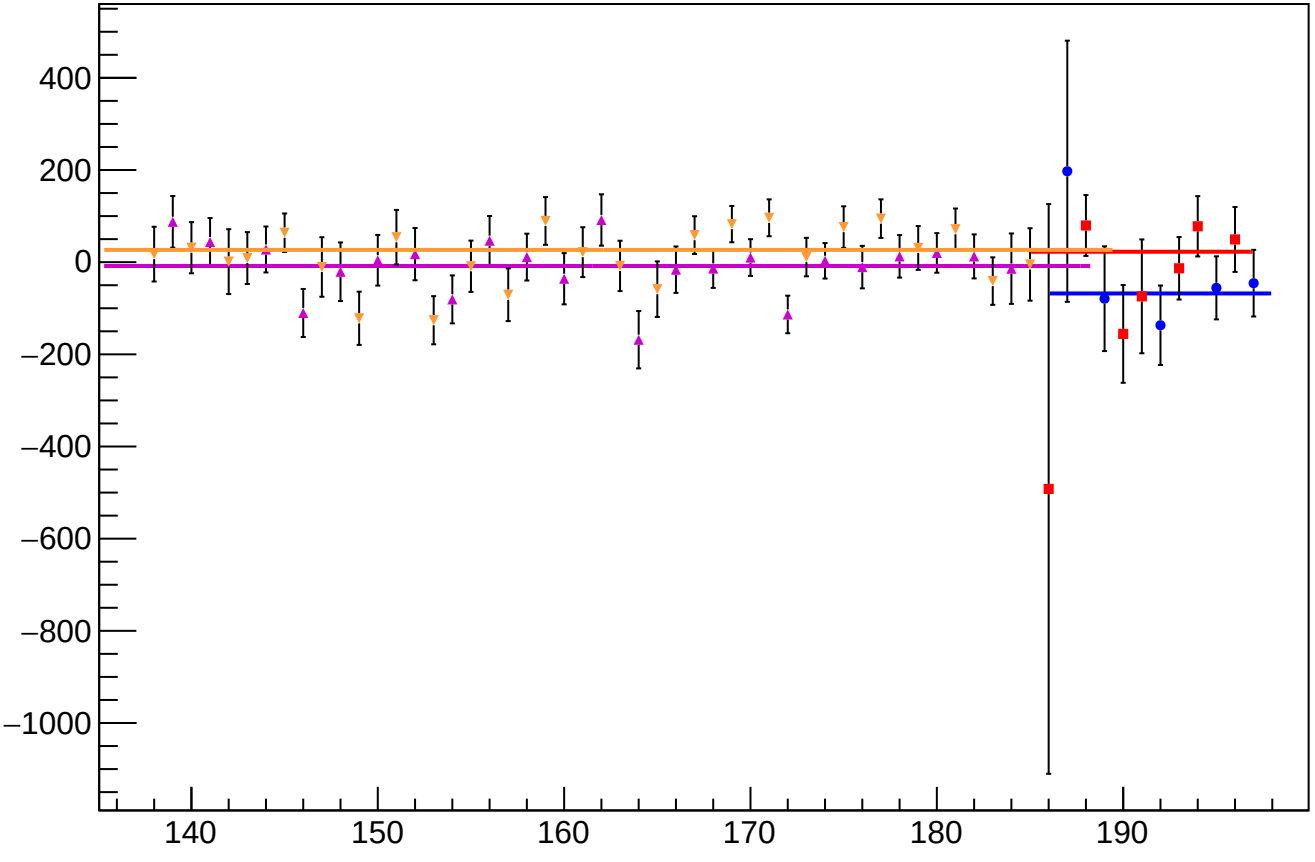
Left In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

+ sign 347.339+/-0.056 χ^2/NDF: 4010098.4/29

All: 350.503+/-0.040 χ^2/NDF: 9036769.4/59

- sign 353.743+/-0.057 χ^2/NDF: 5020323.8/29

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -67.867+/-39.854 χ^2/NDF: 1.7/4

Left Out: 26.633+/-10.090 χ^2/NDF:36.5/24

Right Out: 22.630+/-31.019 χ^2/NDF: 6.0/6

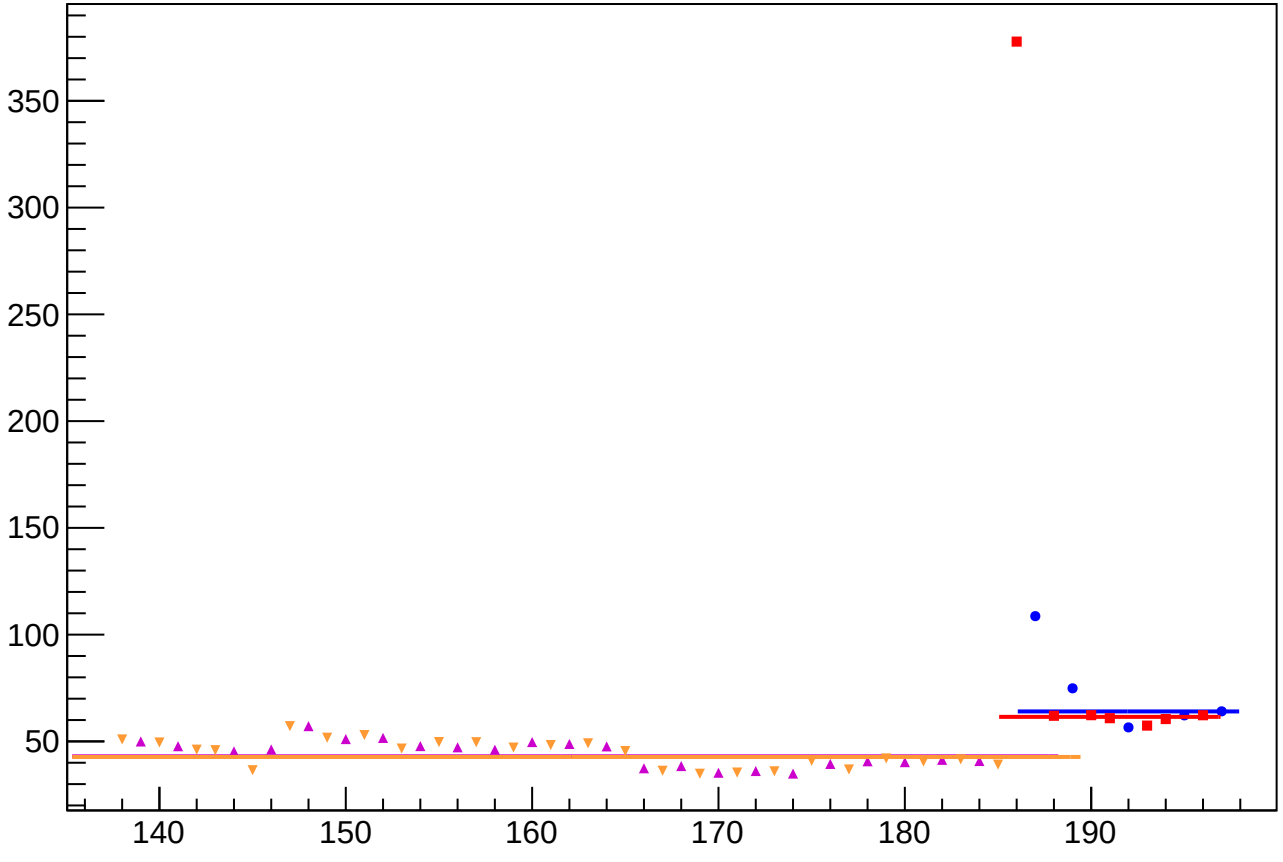
Left In: -8.325+/-10.361 χ^2/NDF:29.6/22

+ sign 20.940+/-9.782 χ^2/NDF: 43.4/29

All: 7.921+/-6.933 χ^2/NDF: 83.5/59

- sign -5.218+/-9.827 χ^2/NDF: 36.5/29

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 64.030+/-0.028 χ^2/NDF: 84274.9/4

Left Out: 42.716+/-0.007 χ^2/NDF:771558.7/24

Right Out: 61.487+/-0.022 χ^2/NDF: 531799.5/6

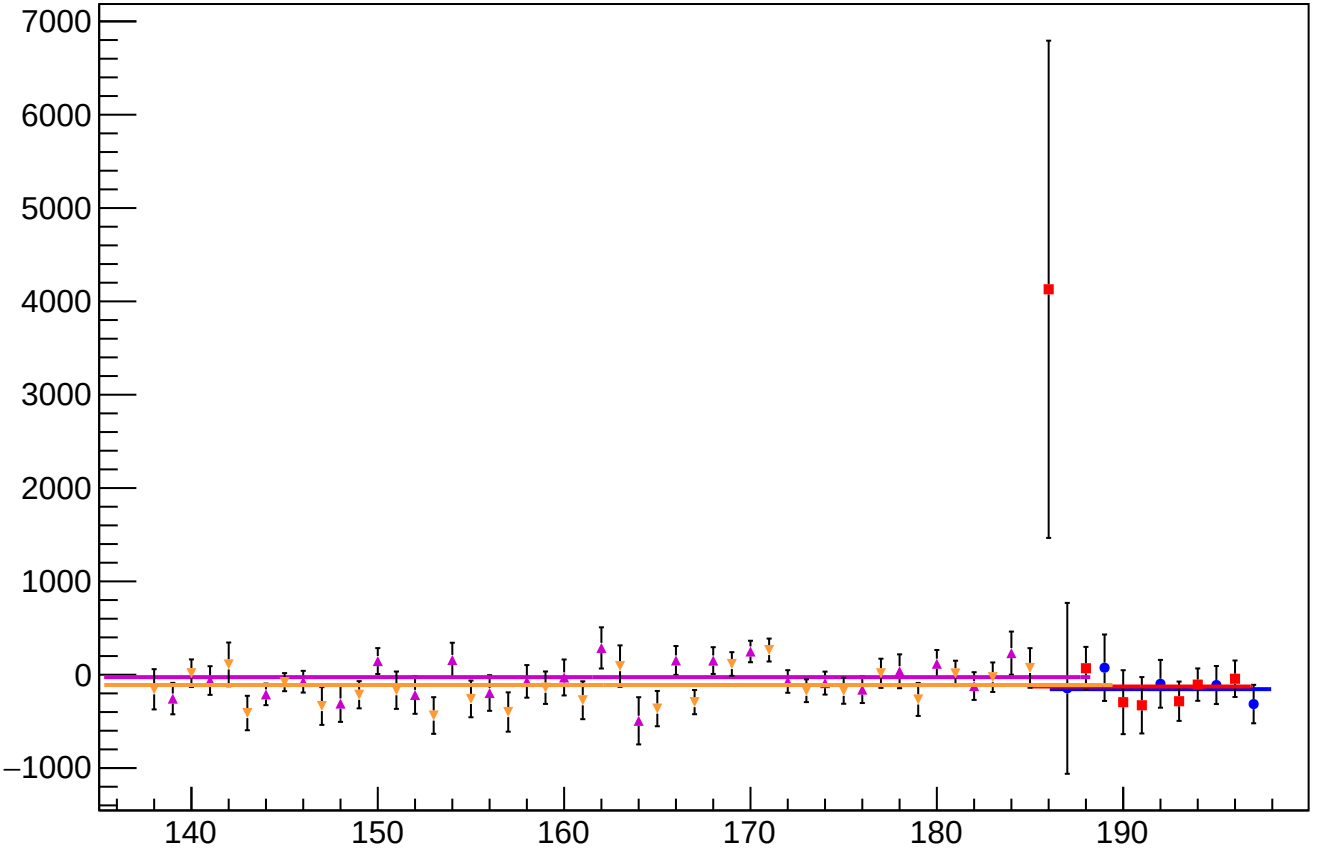
Left In: 43.021+/-0.007 χ^2/NDF:642598.9/22

+ sign 44.000+/-0.007 χ^2/NDF: 1393442.6/29

All: 44.435+/-0.005 χ^2/NDF: 3213414.3/59

- sign 44.875+/-0.007 χ^2/NDF: 1812010.0/29

asym_sam_37_26_dd_correction_mean vs Slug



Right In: -154.616+/-117.897 χ^2/NDF: 1.1/4

Left Out: -110.340+/-31.717 χ^2/NDF:33.0/24

Right Out: -126.308+/-91.034 χ^2/NDF: 4.7/6

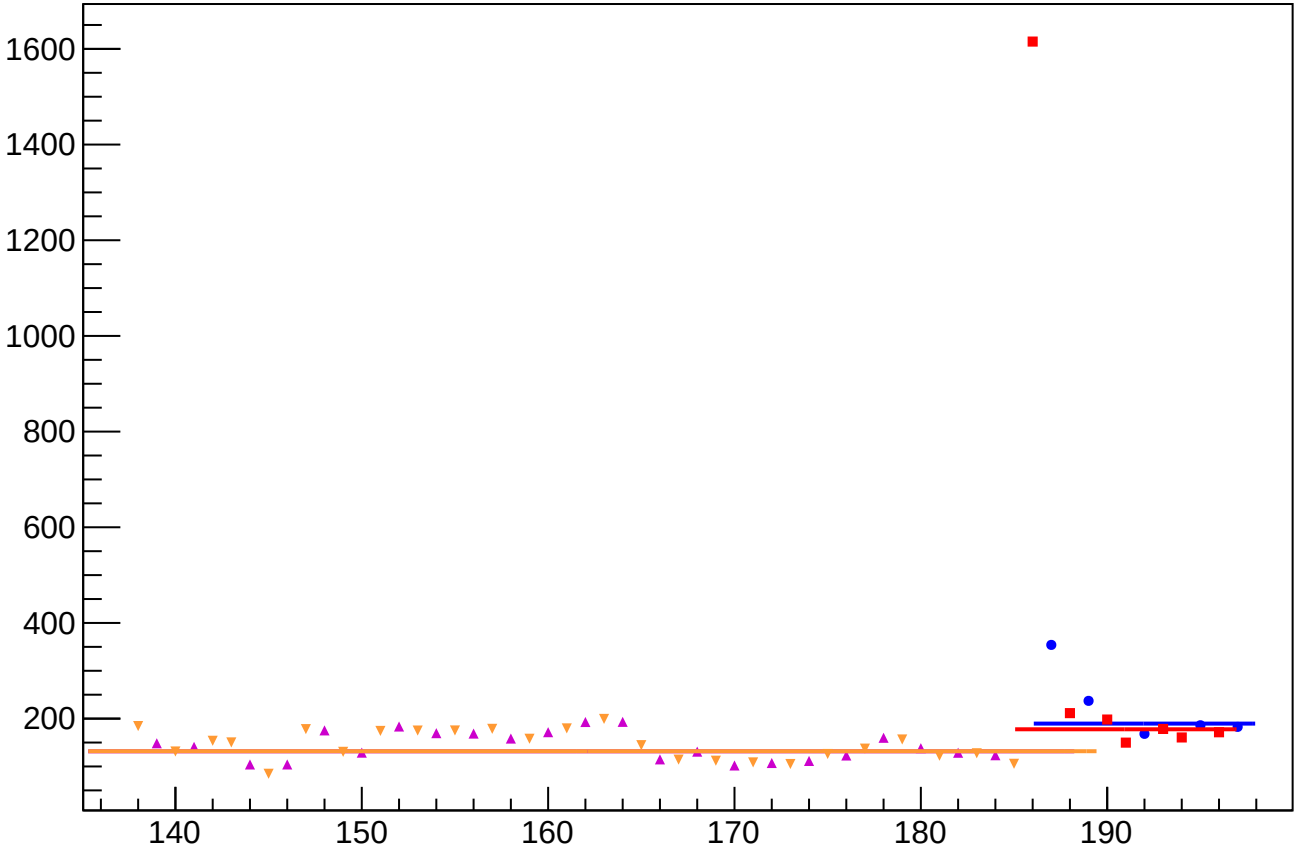
Left In: -25.828+/-32.100 χ^2/NDF:29.0/22

+ sign -113.328+/-30.628 χ^2/NDF: 34.2/29

All: -74.688+/-21.531 χ^2/NDF: 72.2/59

- sign -36.939+/-30.273 χ^2/NDF: 34.8/29

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 189.597+/-0.083 χ^2/NDF: 117062.4/4

Left Out: 131.875+/-0.022 χ^2/NDF:1806379.2/24

Right Out: 177.718+/-0.064 χ^2/NDF: 671643.5/6

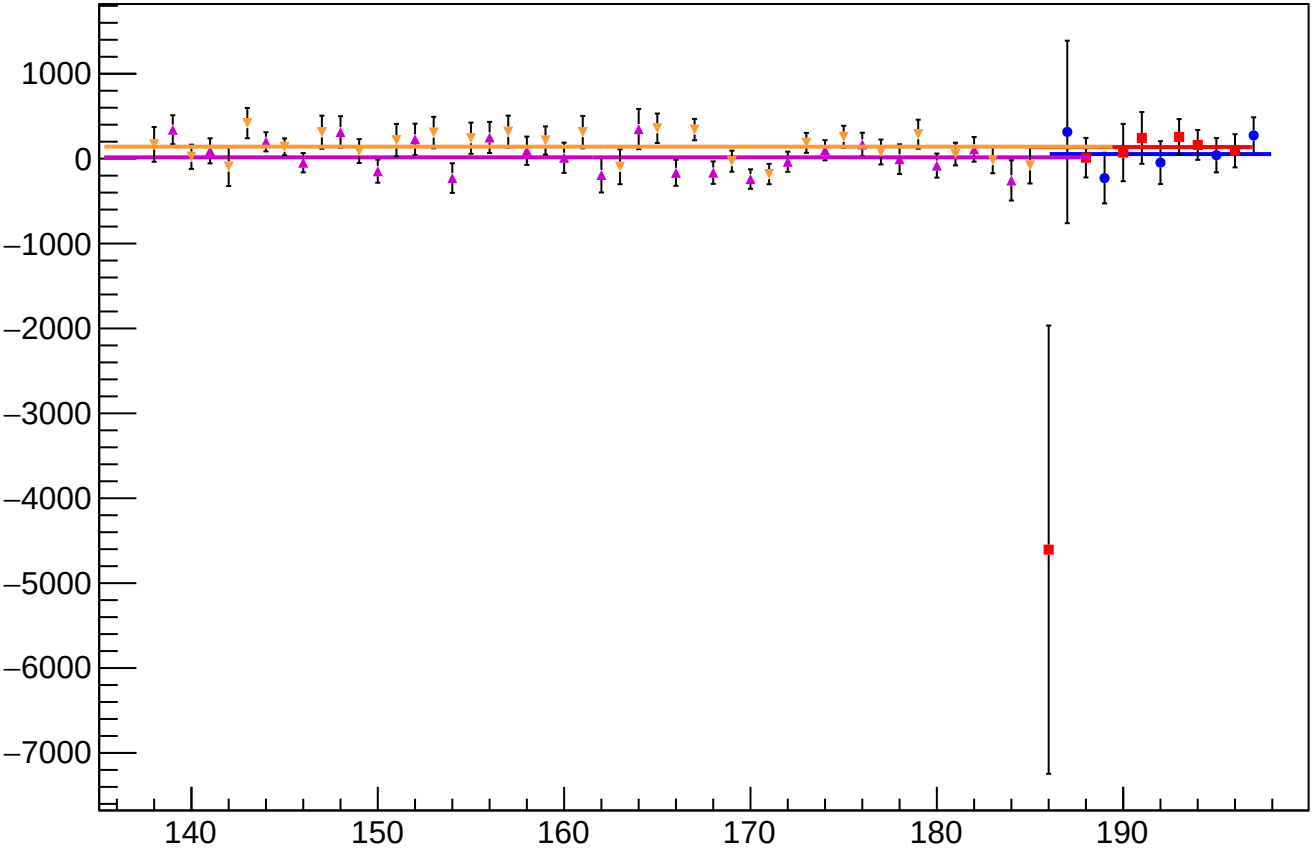
Left In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

+ sign 135.770+/-0.022 χ^2/NDF: 2370505.7/29

All: 136.254+/-0.015 χ^2/NDF: 4902783.3/59

- sign 136.726+/-0.021 χ^2/NDF: 2531291.7/29

asym_sam_37_26_dd_mean vs Slug



Right In: 53.776+/-116.049 χ^2/NDF: 2.2/4

Left Out: 141.008+/-30.636 χ^2/NDF:27.1/24

Right Out: 136.431+/-91.505 χ^2/NDF: 4.1/6

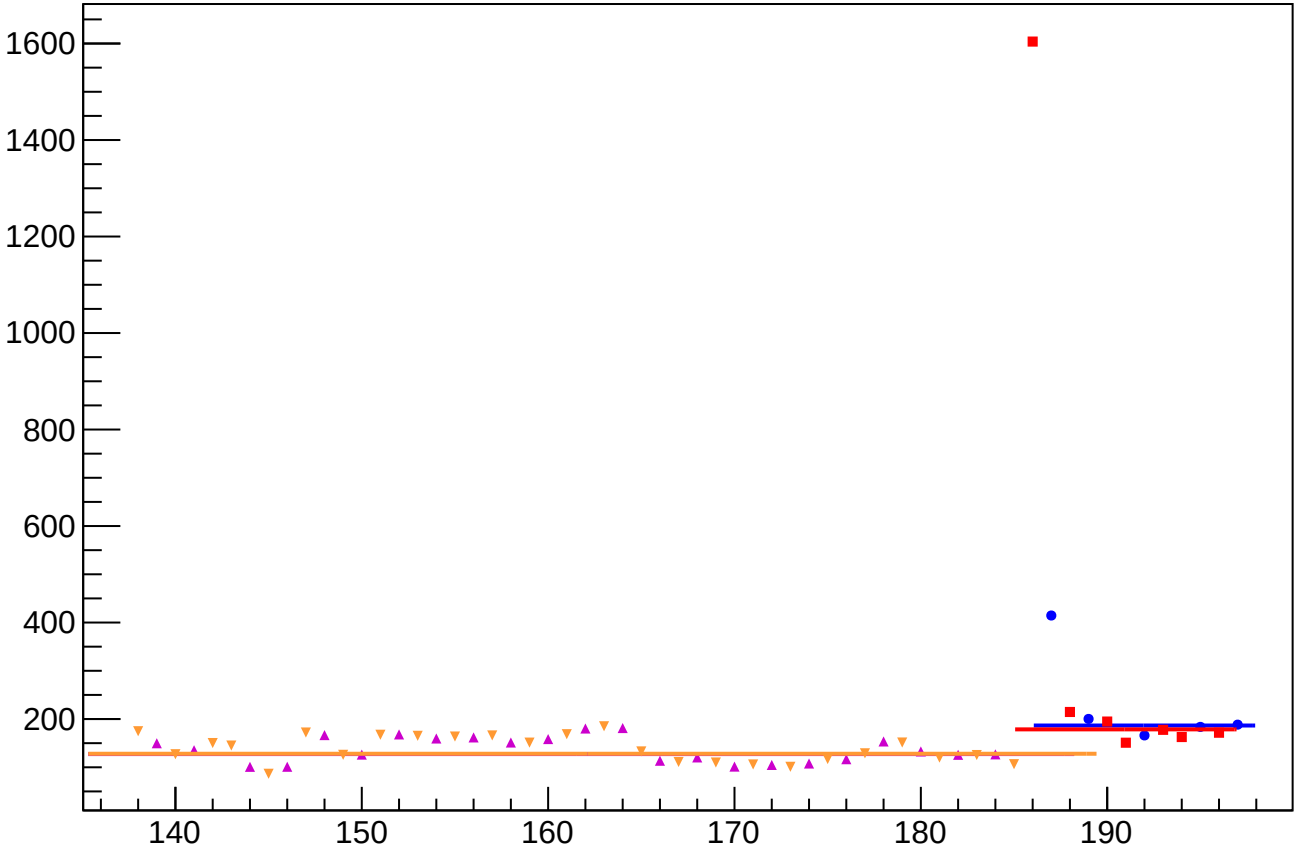
Left In: 15.199+/-31.033 χ^2/NDF:31.4/22

+ sign 135.325+/-29.621 χ^2/NDF: 29.9/29

All: 81.092+/-20.863 χ^2/NDF: 73.5/59

- sign 27.704+/-29.389 χ^2/NDF: 37.0/29

asym_sam_37_26_dd_rms vs Slug



Right In: 186.585+/-0.082 χ^2/NDF: 107874.4/4

Left Out: 128.060+/-0.022 χ^2/NDF:1530283.7/24

Right Out: 178.589+/-0.065 χ^2/NDF: 671057.6/6

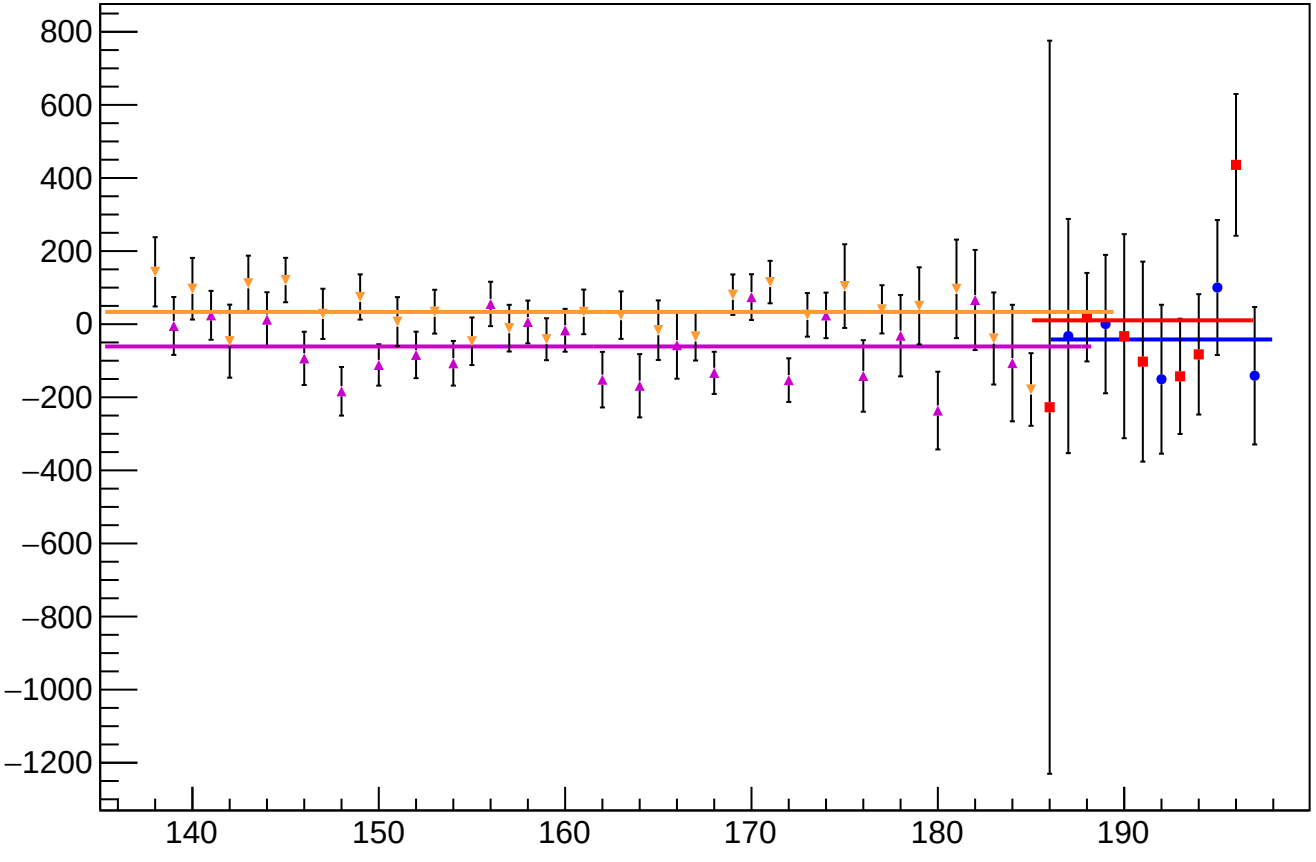
Left In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

+ sign 131.872+/-0.021 χ^2/NDF: 2113690.6/29

All: 132.270+/-0.015 χ^2/NDF: 4577147.7/59

- sign 132.662+/-0.021 χ^2/NDF: 2462740.9/29

dit_asym_sam_1357_avg_mean vs Slug



Right In: -41.818+/-91.555 χ^2/NDF: 1.2/4

Left Out: 33.535+/-14.197 χ^2/NDF:19.7/24

Right Out: 10.522+/-70.871 χ^2/NDF: 6.3/6

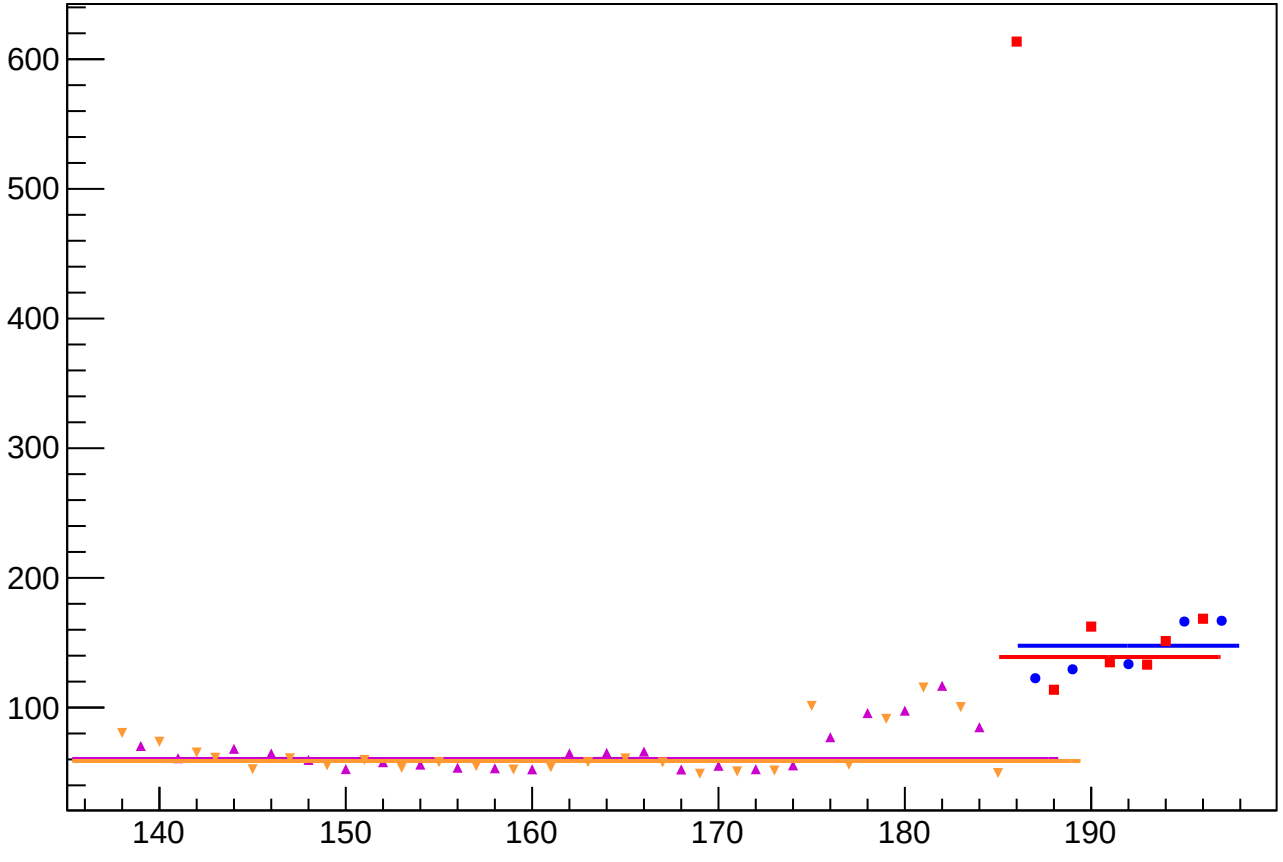
Left In: -60.992+/-14.839 χ^2/NDF:31.6/22

+ sign 31.765+/-14.029 χ^2/NDF: 21.5/29

All: -11.555+/-10.090 χ^2/NDF: 80.2/59

- sign -57.988+/-14.524 χ^2/NDF: 38.9/29

dit_asym_sam_1357_avg_rms vs Slug



Right In: 147.661+/-0.065 χ^2/NDF: 81729.4/4

Left Out: 58.793+/-0.010 χ^2/NDF:1460561.7/24

Right Out: 138.971+/-0.050 χ^2/NDF: 609721.7/6

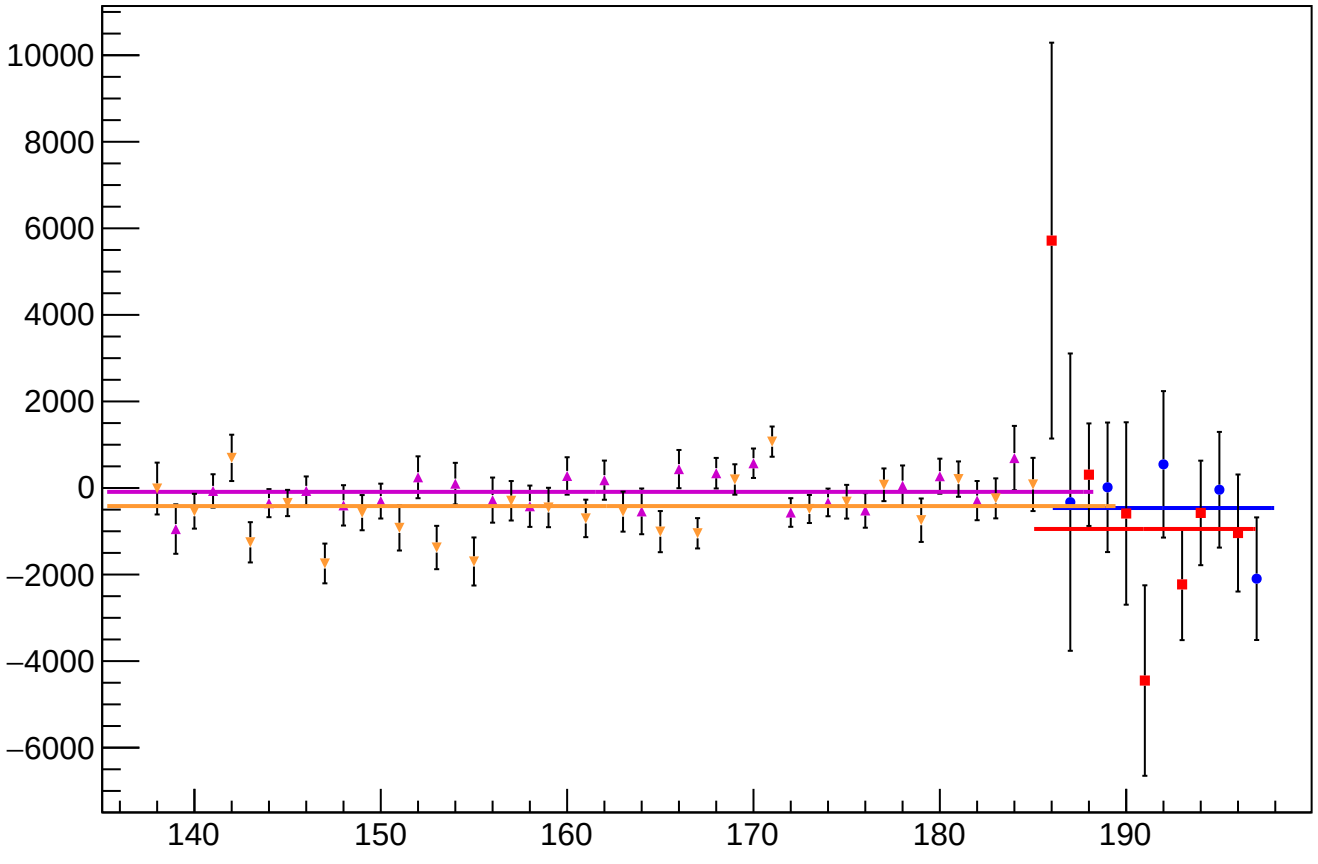
Left In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

+ sign 60.880+/-0.010 χ^2/NDF: 3382384.5/29

All: 62.220+/-0.007 χ^2/NDF: 7605246.6/59

- sign 63.657+/-0.010 χ^2/NDF: 4185033.9/29

asym_sam_1357_avg_correction_mean vs Slug



Right In: -462.645+/-718.252 χ^2/NDF: 1.9/4

Left Out: -417.817+/-84.969 χ^2/NDF:58.5/24

Right Out: -946.752+/-574.646 χ^2/NDF: 6.9/6

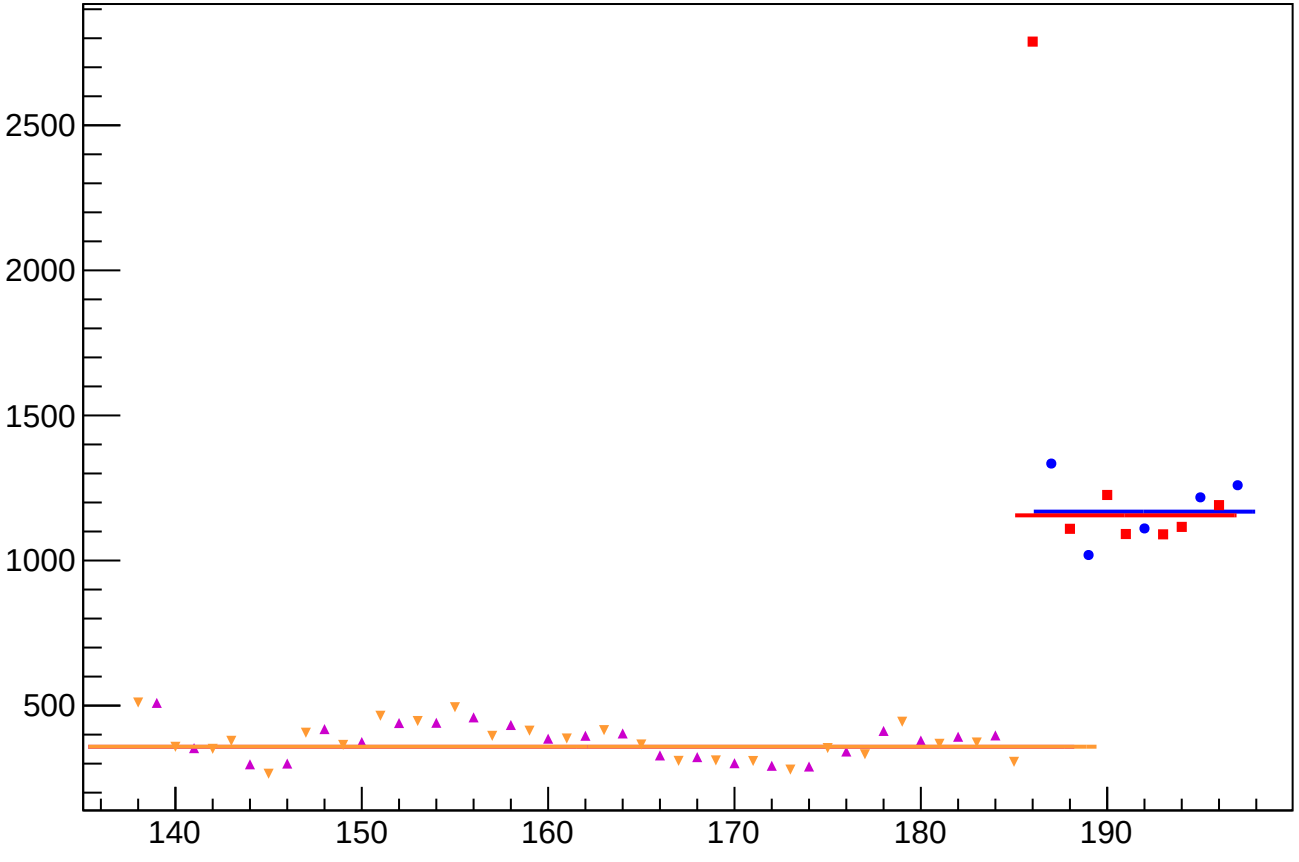
Left In: -89.505+/-86.438 χ^2/NDF:19.4/22

+ sign -418.436+/-84.381 χ^2/NDF: 60.4/29

All: -265.454+/-60.050 χ^2/NDF: 95.5/59

- sign -108.472+/-85.477 χ^2/NDF: 28.5/29

asym_sam_1357_avg_correction_rms vs Slug



Right In: 1168.474+/-0.508 χ^2/NDF: 37915.4/4

Left Out: 358.349+/-0.060 χ^2/NDF:1011872.8/24

Right Out: 1155.688+/-0.406 χ^2/NDF: 270564.7/6

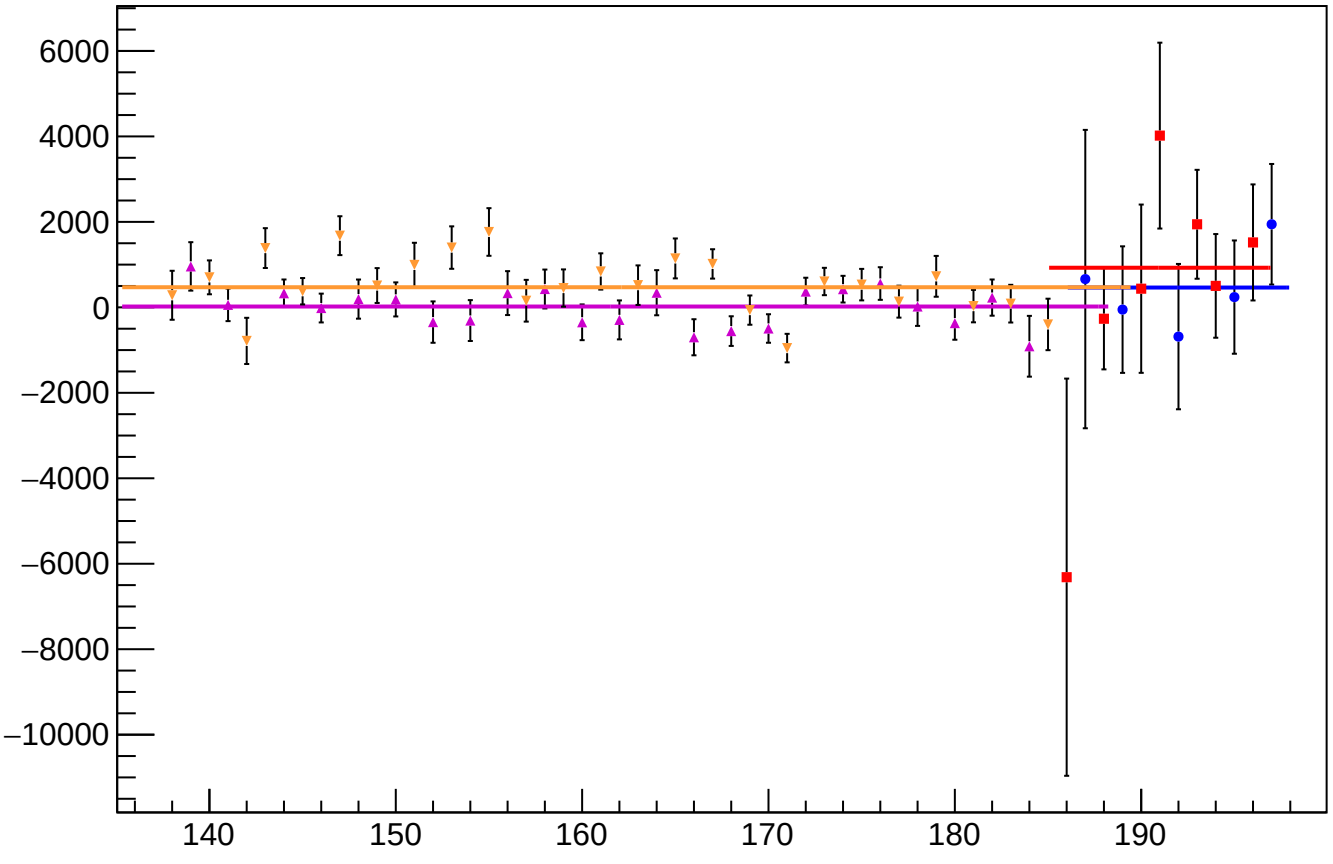
Left In: 357.802+/-0.061 χ^2/NDF:893330.5/22

+ sign 369.530+/-0.060 χ^2/NDF: 3559038.7/29

All: 372.454+/-0.042 χ^2/NDF: 8498265.2/59

- sign 375.455+/-0.060 χ^2/NDF: 4934359.3/29

asym_sam_1357_avg_mean vs Slug



Right In: 463.507+/-715.120 χ^2/NDF: 1.7/4

Left Out: 470.804+/-83.480 χ^2/NDF:58.7/24

Right Out: 926.878+/-571.106 χ^2/NDF: 6.5/6

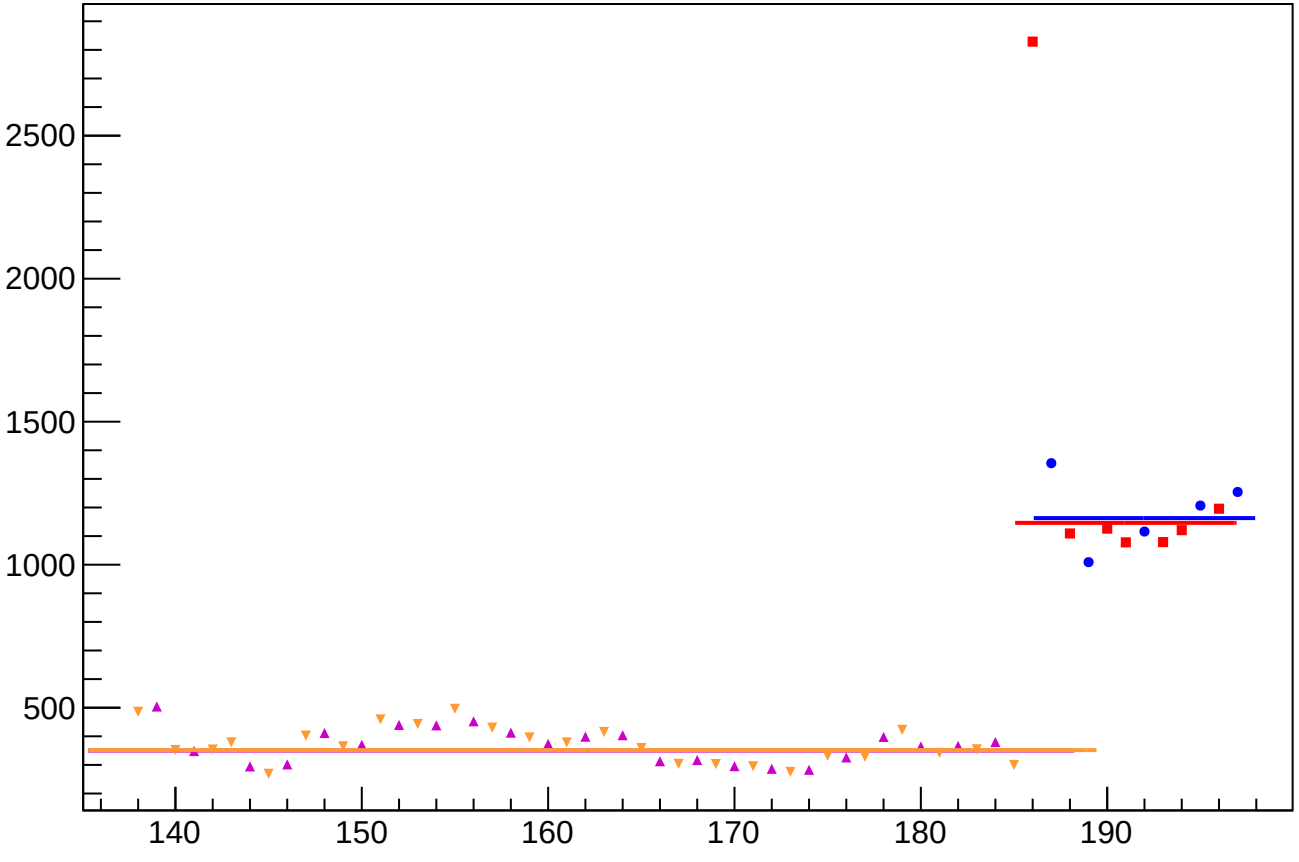
Left In: 19.328+/-84.679 χ^2/NDF:23.7/22

+ sign 470.706+/-82.917 χ^2/NDF: 60.4/29

All: 256.973+/-58.928 χ^2/NDF: 106.4/59

- sign 38.851+/-83.764 χ^2/NDF: 32.6/29

asym_sam_1357_avg_rms vs Slug



Right In: 1162.953+/-0.506 χ^2/NDF: 39786.5/4

Left Out: 351.777+/-0.059 χ^2/NDF:1016791.1/24

Right Out: 1146.292+/-0.404 χ^2/NDF: 275364.4/6

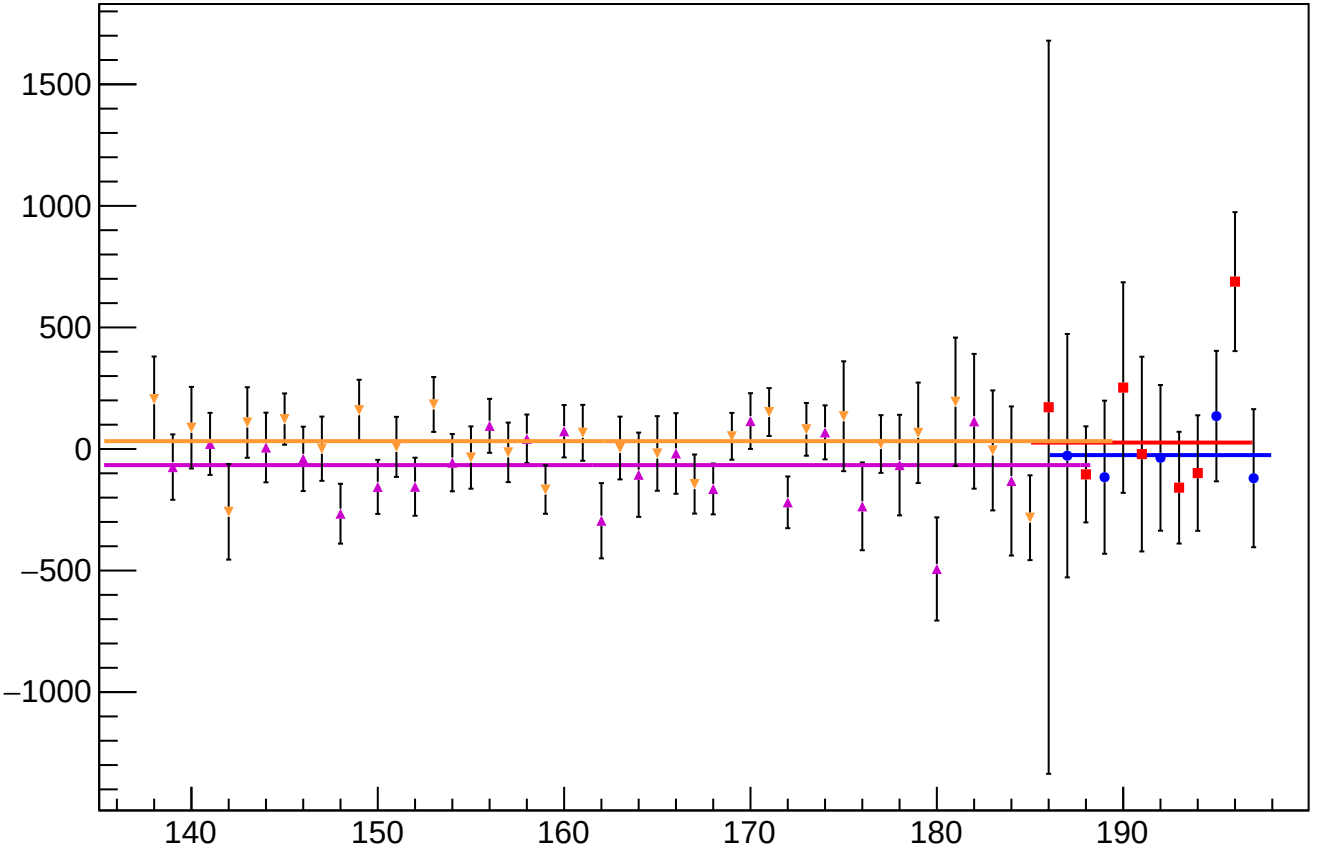
Left In: 350.037+/-0.060 χ^2/NDF:889435.7/22

+ sign 362.682+/-0.059 χ^2/NDF: 3595353.9/29

All: 364.901+/-0.042 χ^2/NDF: 8567188.4/59

- sign 367.166+/-0.059 χ^2/NDF: 4968940.4/29

dit_asym_sam_2468_avg_mean vs Slug



Right In: -25.132+/-139.340 χ^2/NDF: 0.6/4

Left Out: 32.332+/-26.320 χ^2/NDF:19.6/24

Right Out: 26.408+/-107.520 χ^2/NDF: 7.0/6

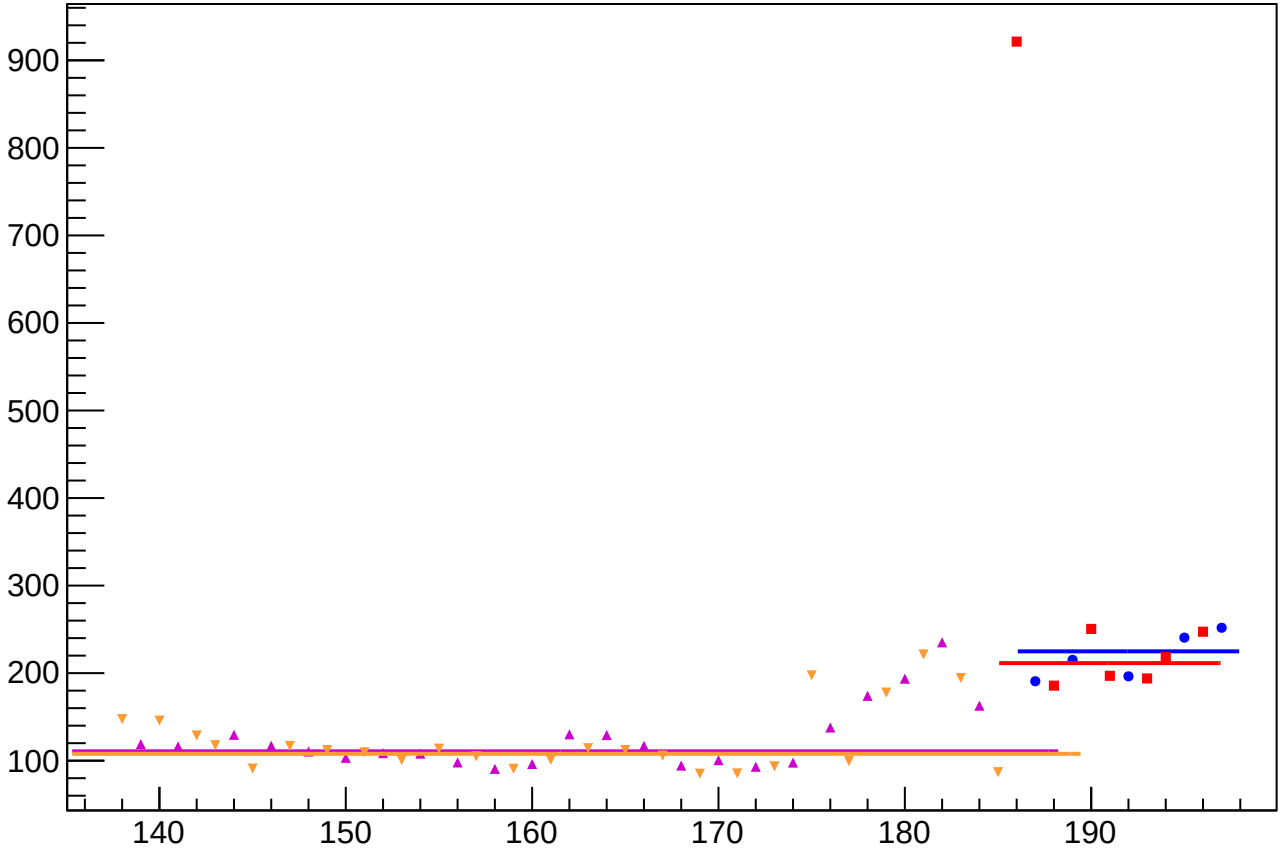
Left In: -66.254+/-27.450 χ^2/NDF:24.2/22

+ sign 30.352+/-25.863 χ^2/NDF: 20.3/29

All: -13.843+/-18.542 χ^2/NDF: 58.2/59

- sign -60.584+/-26.597 χ^2/NDF: 31.9/29

dit_asym_sam_2468_avg_rms vs Slug



Right In: 224.888+/-0.099 χ^2/NDF: 54165.7/4

Left Out: 107.852+/-0.019 χ^2/NDF:1833747.9/24

Right Out: 211.453+/-0.076 χ^2/NDF: 541002.4/6

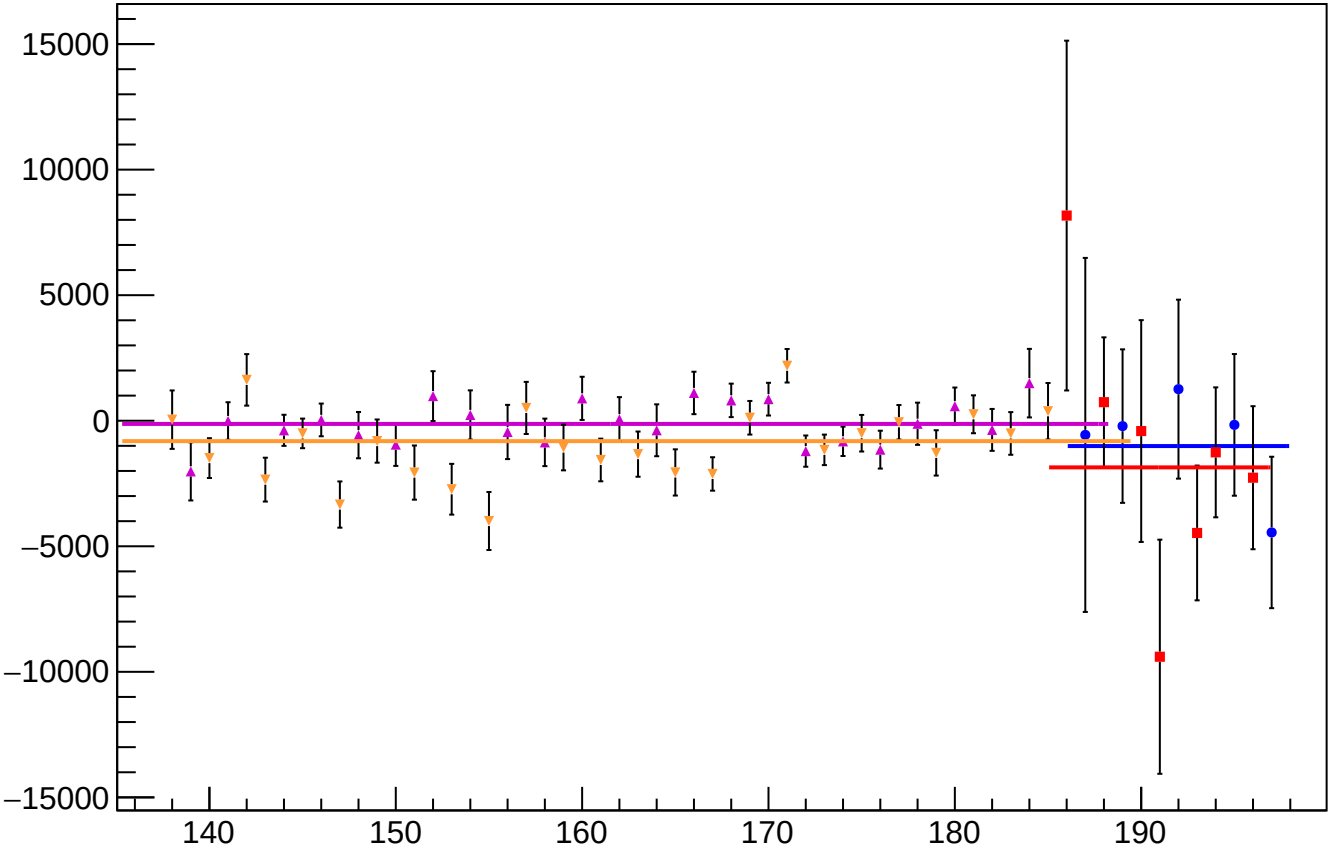
Left In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

+ sign 111.884+/-0.018 χ^2/NDF: 3250276.9/29

All: 114.301+/-0.013 χ^2/NDF: 6882803.7/59

- sign 116.857+/-0.019 χ^2/NDF: 3596595.2/29

asym_sam_2468_avg_correction_mean vs Slug



Right In: -1008.918+/-1504.909 χ^2/NDF: 1.9/4

Left Out: -813.029+/-164.102 χ^2/NDF:66.2/24

Right Out: -1857.894+/-1213.173 χ^2/NDF: 6.8/6

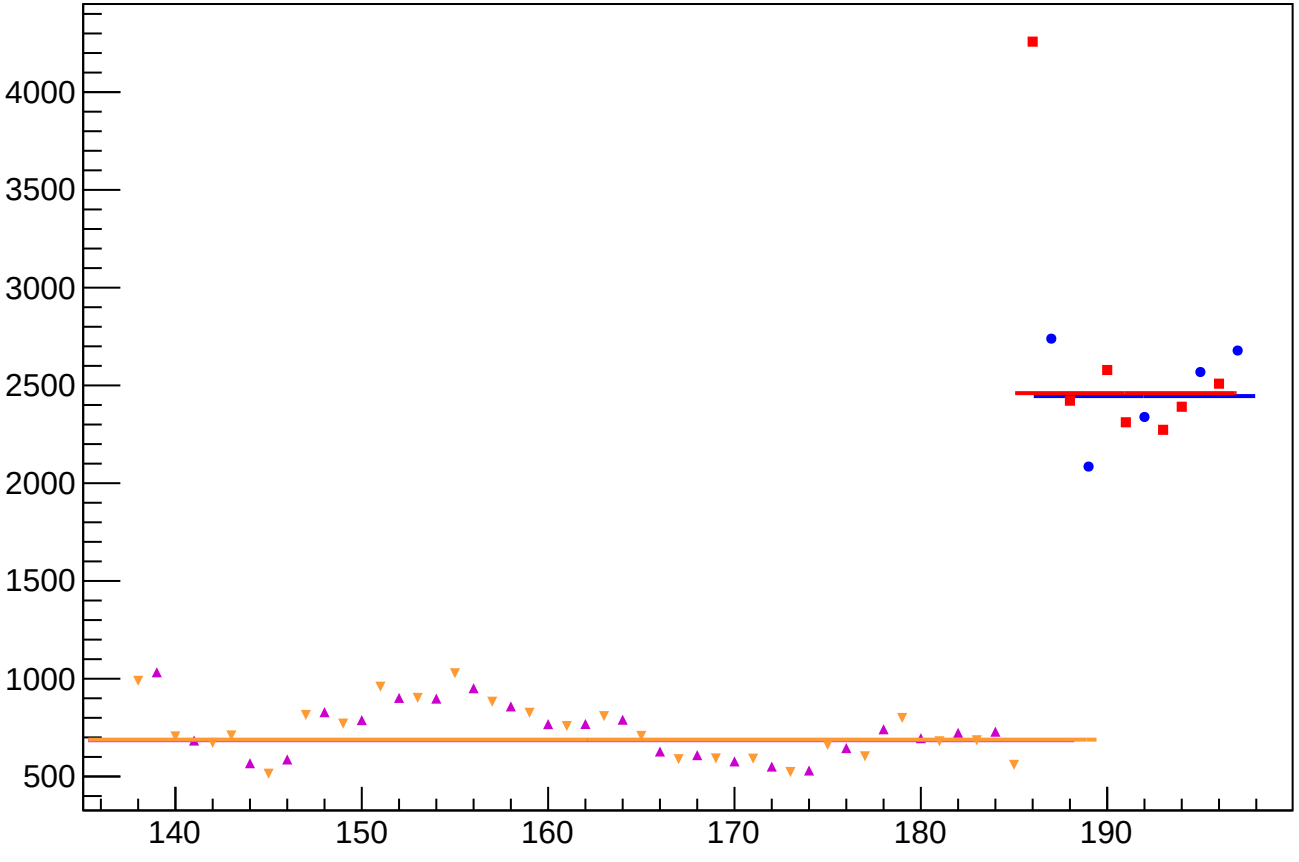
Left In: -127.427+/-166.308 χ^2/NDF:22.8/22

+ sign -815.331+/-163.135 χ^2/NDF: 68.1/29

All: -490.605+/-115.927 χ^2/NDF: 107.7/59

- sign -159.347+/-164.767 χ^2/NDF: 31.6/29

asym_sam_2468_avg_correction_rms vs Slug



Right In: 2445.532+/-1.064 χ^2/NDF: 48832.2/4

Left Out: 688.513+/-0.116 χ^2/NDF:1287701.8/24

Right Out: 2460.560+/-0.858 χ^2/NDF: 148940.1/6

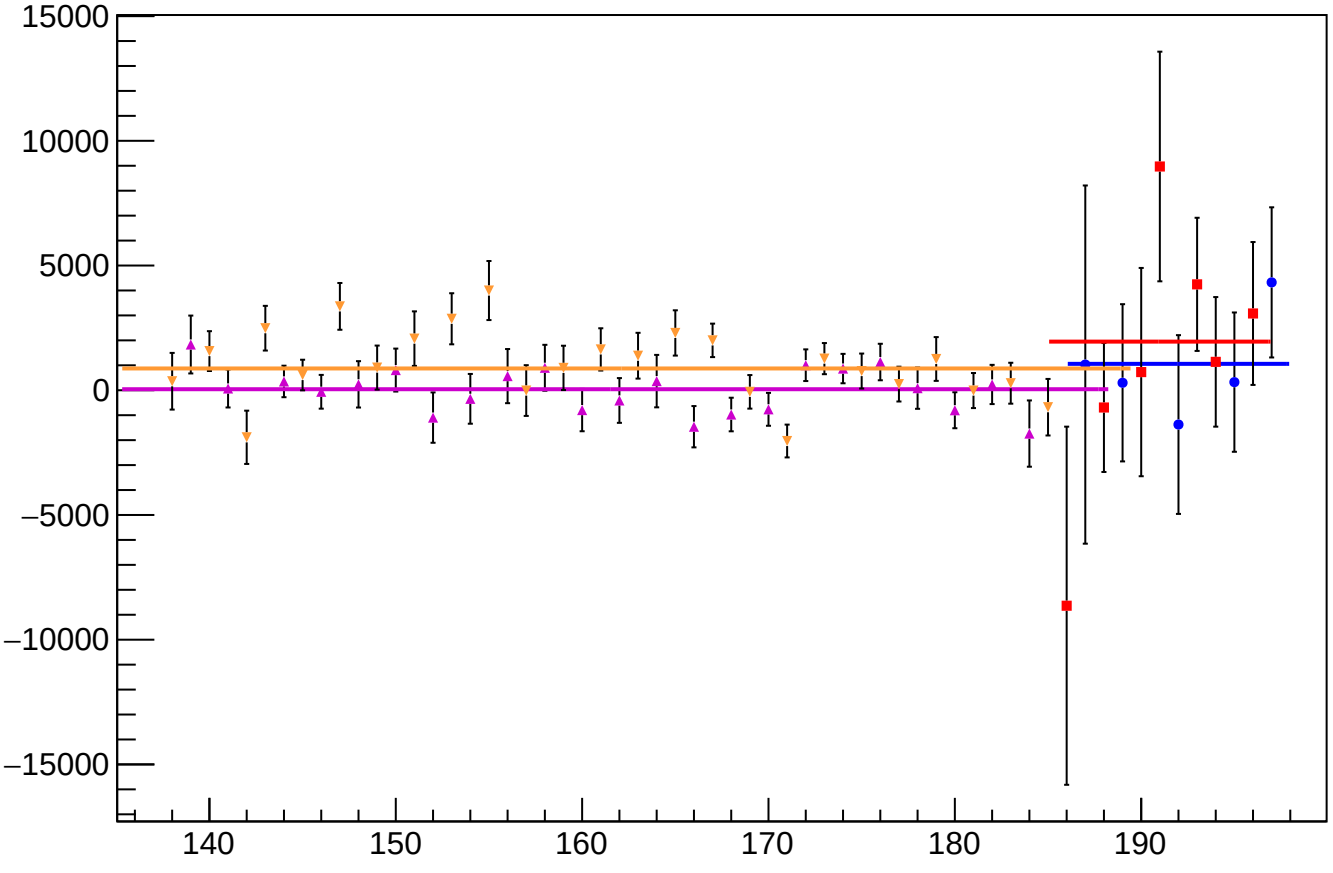
Left In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

+ sign 709.159+/-0.115 χ^2/NDF: 4030728.9/29

All: 713.769+/-0.082 χ^2/NDF: 9540715.7/59

- sign 718.472+/-0.117 χ^2/NDF: 5506760.8/29

asym_sam_2468_avg_mean vs Slug



Right In: 1058.516+/-1513.428 χ^2/NDF: 1.8/4

Left Out: 873.446+/-164.269 χ^2/NDF:64.1/24

Right Out: 1949.997+/-1209.038 χ^2/NDF: 6.6/6

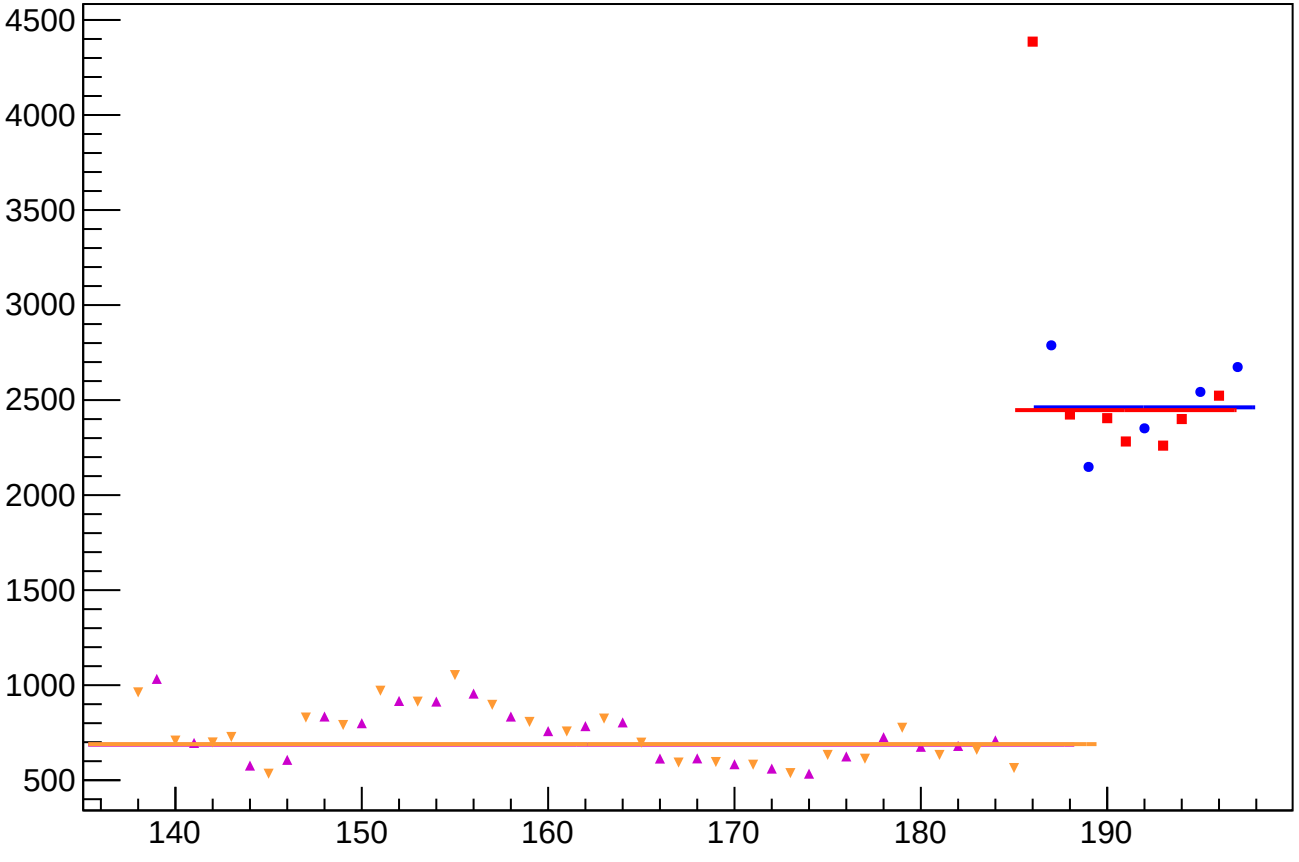
Left In: 41.522+/-166.728 χ^2/NDF:24.1/22

+ sign 875.601+/-163.309 χ^2/NDF: 65.9/29

All: 480.879+/-116.127 χ^2/NDF: 110.9/59

- sign 77.138+/-165.165 χ^2/NDF: 33.2/29

asym_sam_2468_avg_rms vs Slug



Right In: 2461.801+/-1.070 χ^2/NDF: 37425.6/4

Left Out: 689.767+/-0.116 χ^2/NDF:1258608.7/24

Right Out: 2447.225+/-0.855 χ^2/NDF: 160684.5/6

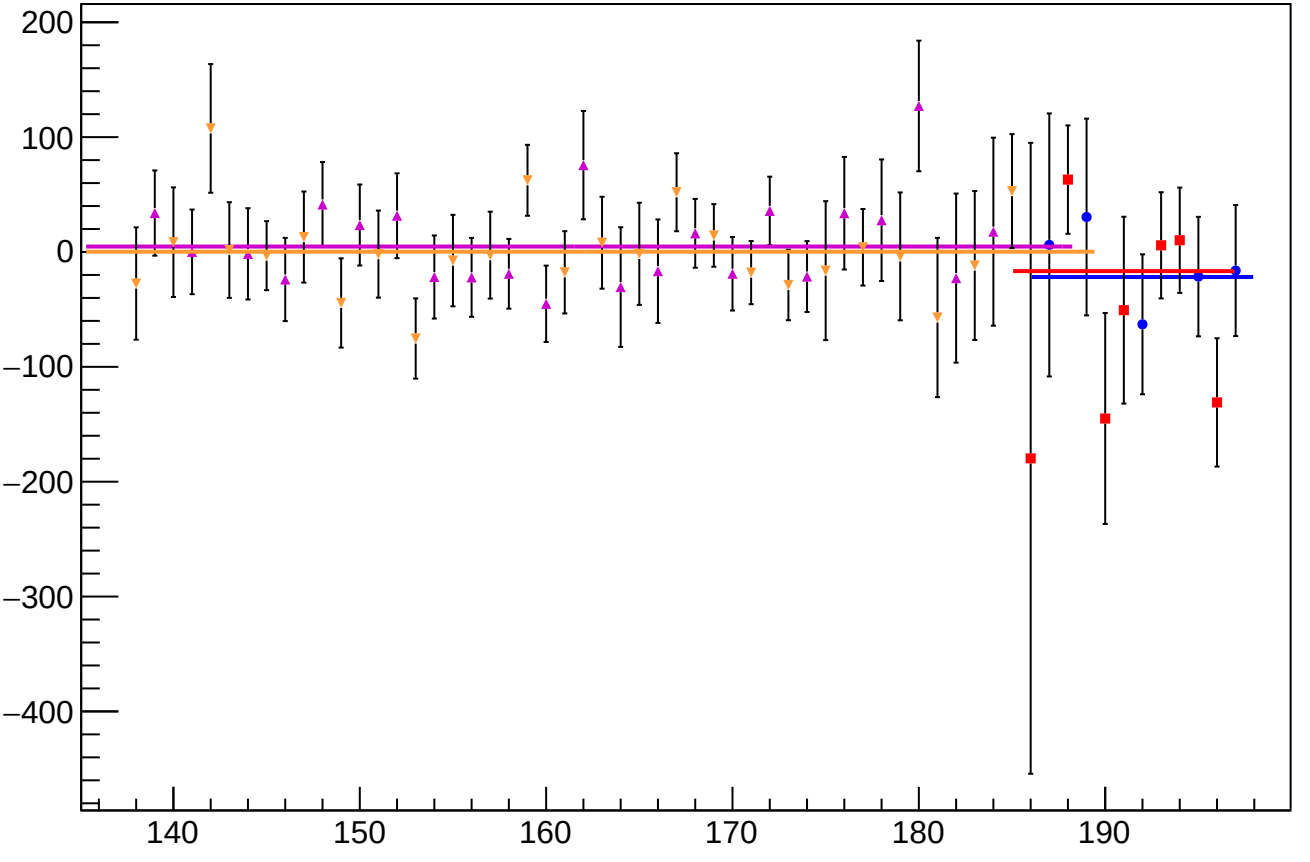
Left In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

+ sign 710.400+/-0.115 χ^2/NDF: 4006001.7/29

All: 715.044+/-0.082 χ^2/NDF: 9446374.9/59

- sign 719.794+/-0.117 χ^2/NDF: 5437101.9/29

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -21.772+/-29.376 χ^2/NDF: 0.9/4

Left Out: 0.254+/-7.690 χ^2/NDF:20.4/24

Right Out: -16.674+/-22.383 χ^2/NDF: 10.1/6

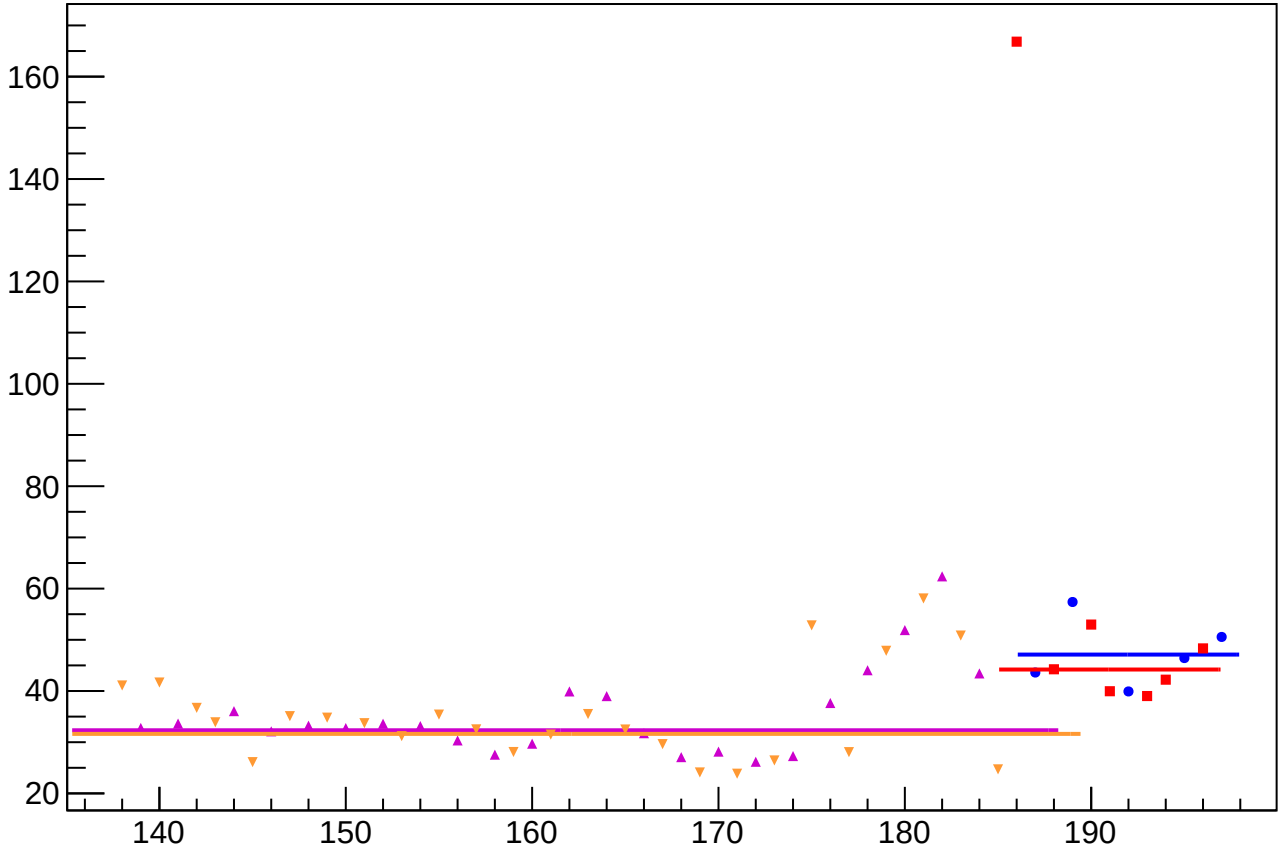
Left In: 4.745+/-7.976 χ^2/NDF:17.9/22

+ sign -1.159+/-7.439 χ^2/NDF: 21.8/29

All: 0.569+/-5.286 χ^2/NDF: 50.7/59

- sign 2.332+/-7.513 χ^2/NDF: 28.8/29

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 47.115+/-0.021 χ^2/NDF: 66177.2/4

Left Out: 31.624+/-0.005 χ^2/NDF:1673431.1/24

Right Out: 44.197+/-0.016 χ^2/NDF: 462122.8/6

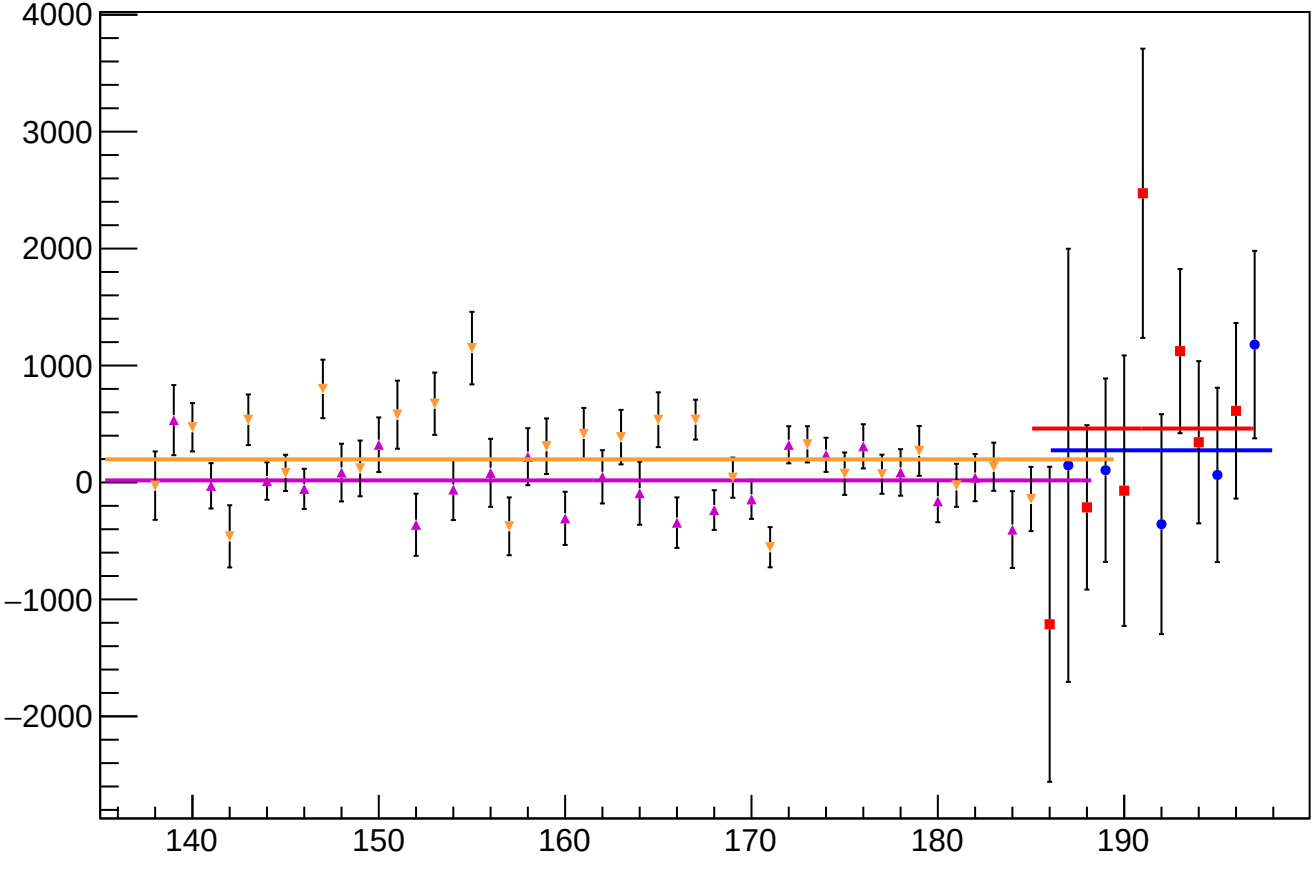
Left In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

+ sign 32.618+/-0.005 χ^2/NDF: 2260064.9/29

All: 33.138+/-0.004 χ^2/NDF: 4382120.8/59

- sign 33.668+/-0.005 χ^2/NDF: 2102327.4/29

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 274.976+/-395.164 χ^2/NDF: 1.9/4

Left Out: 197.682+/-41.831 χ^2/NDF:69.9/24

Right Out: 461.147+/-318.475 χ^2/NDF: 6.3/6

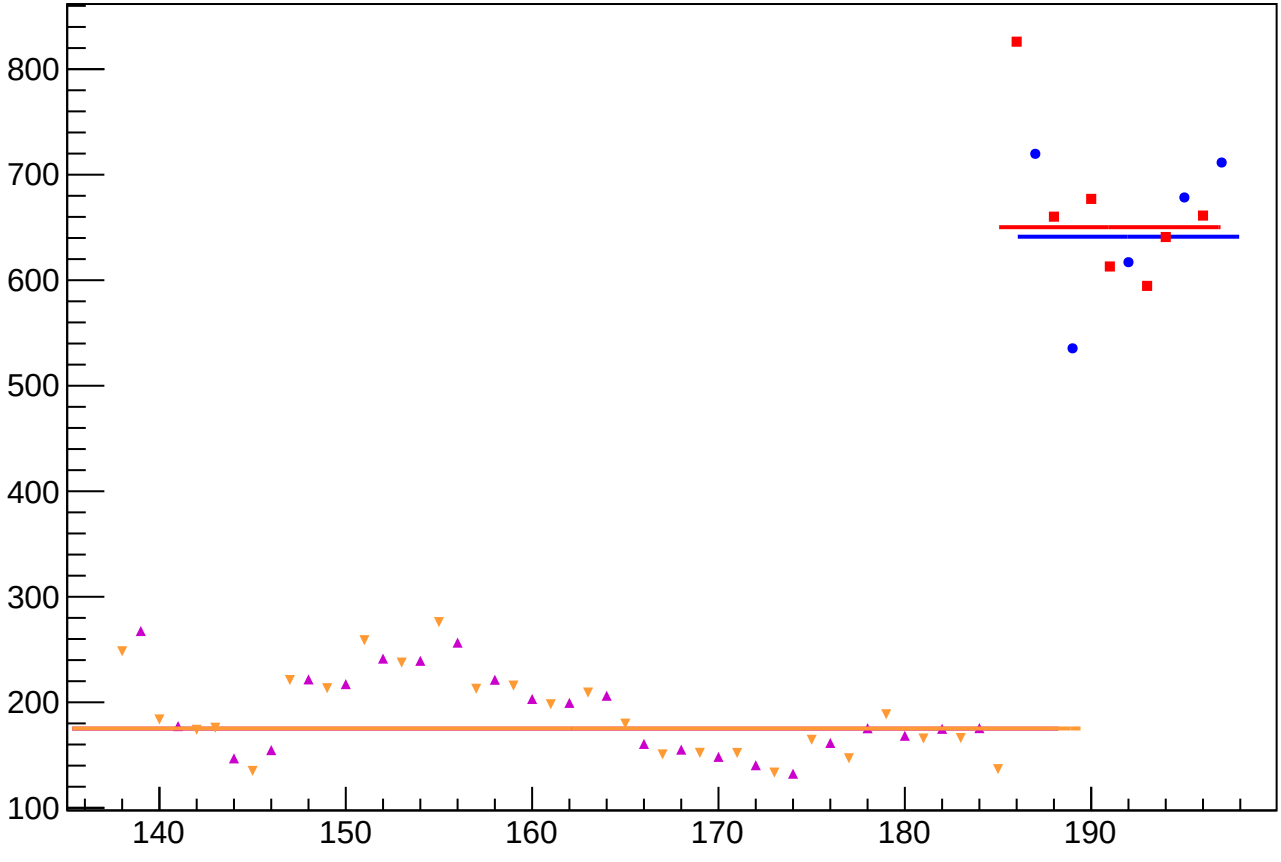
Left In: 17.742+/-42.576 χ^2/NDF:27.1/22

+ sign 198.539+/-41.599 χ^2/NDF: 71.8/29

All: 113.275+/-29.625 χ^2/NDF: 115.6/59

- sign 25.527+/-42.200 χ^2/NDF: 35.3/29

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 641.227+/-0.279 χ^2/NDF: 61661.0/4

Left Out: 175.207+/-0.030 χ^2/NDF:1418225.0/24

Right Out: 650.256+/-0.225 χ^2/NDF: 50704.1/6

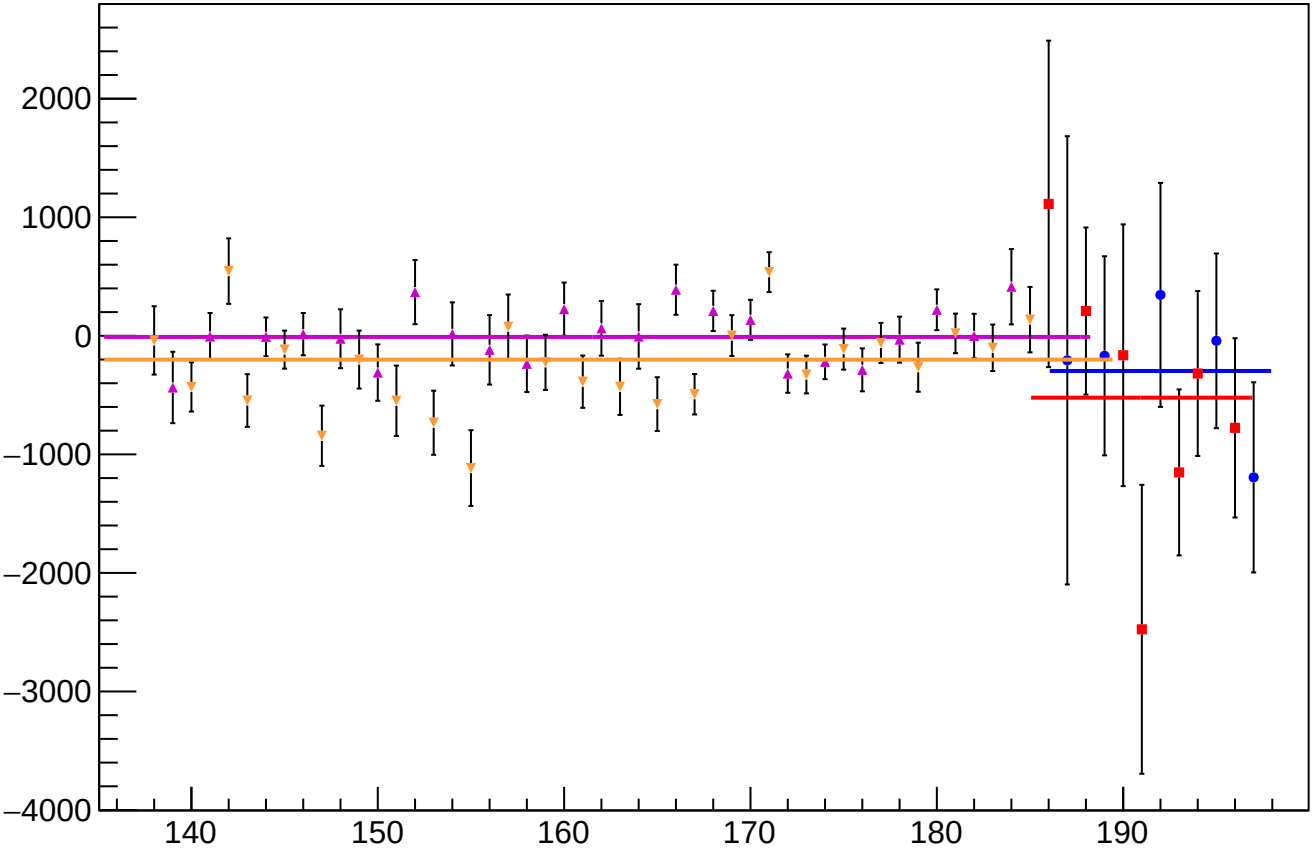
Left In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

+ sign 180.371+/-0.029 χ^2/NDF: 4230587.9/29

All: 181.861+/-0.021 χ^2/NDF: 10000948.8/59

- sign 183.395+/-0.030 χ^2/NDF: 5765155.1/29

asym_sam_1357_2468_dd_mean vs Slug



Right In: -296.633+/-401.118 χ^2/NDF: 1.9/4

Left Out: -200.930+/-41.741 χ^2/NDF:65.5/24

Right Out: -521.707+/-317.969 χ^2/NDF: 6.2/6

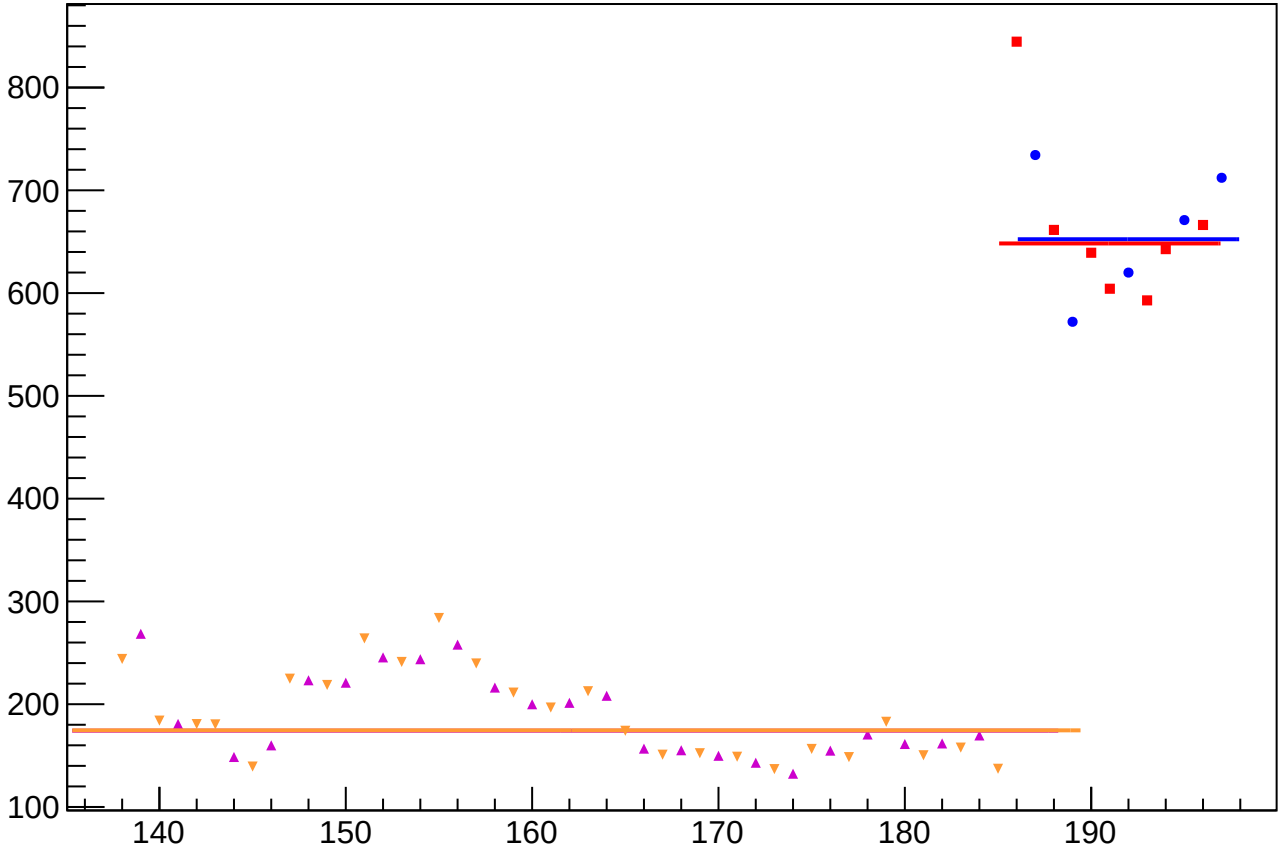
Left In: -9.384+/-42.437 χ^2/NDF:25.4/22

+ sign -201.955+/-41.517 χ^2/NDF: 67.4/29

All: -111.353+/-29.548 χ^2/NDF: 111.2/59

- sign -18.350+/-42.064 χ^2/NDF: 34.1/29

asym_sam_1357_2468_dd_rms vs Slug



Right In: 652.383+/-0.284 χ^2/NDF: 36808.0/4

Left Out: 174.567+/-0.030 χ^2/NDF:1532900.3/24

Right Out: 648.294+/-0.225 χ^2/NDF: 57881.2/6

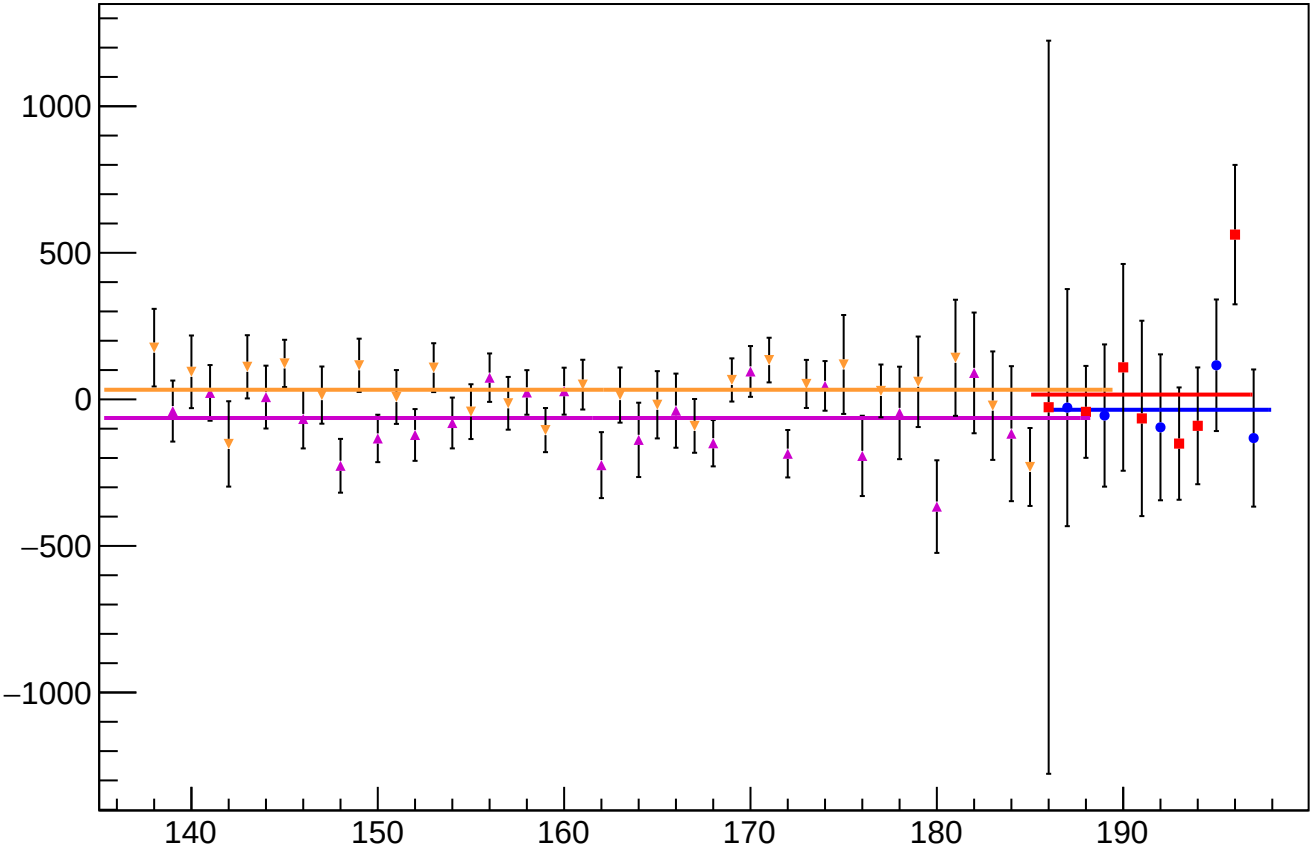
Left In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

+ sign 179.686+/-0.029 χ^2/NDF: 4377270.1/29

All: 181.081+/-0.021 χ^2/NDF: 10172426.9/59

- sign 182.514+/-0.030 χ^2/NDF: 5790577.8/29

dit_asym_sam_12345678_avg_mean vs Slug



Right In: -35.505+/-113.699 χ^2/NDF: 0.7/4

Left Out: 32.793+/-19.705 χ^2/NDF:19.5/24

Right Out: 16.314+/-88.230 χ^2/NDF: 6.6/6

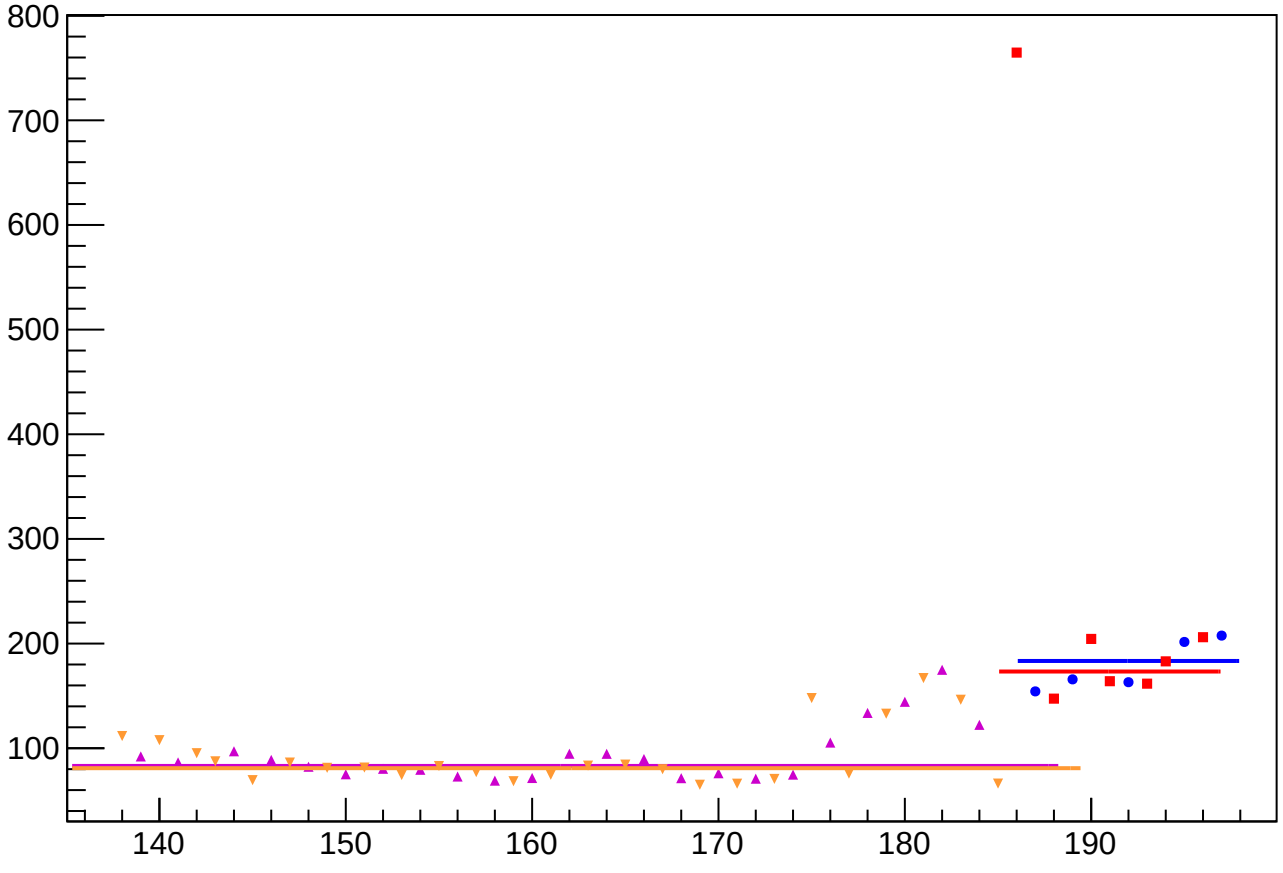
Left In: -63.566+/-20.573 χ^2/NDF:27.2/22

+ sign 30.802+/-19.416 χ^2/NDF: 20.6/29

All: -12.905+/-13.943 χ^2/NDF: 65.6/59

- sign -59.447+/-20.036 χ^2/NDF: 34.5/29

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 183.378+/-0.080 χ^2/NDF: 68681.7/4

Left Out: 80.926+/-0.014 χ^2/NDF:1760910.0/24

Right Out: 173.294+/-0.062 χ^2/NDF: 569161.4/6

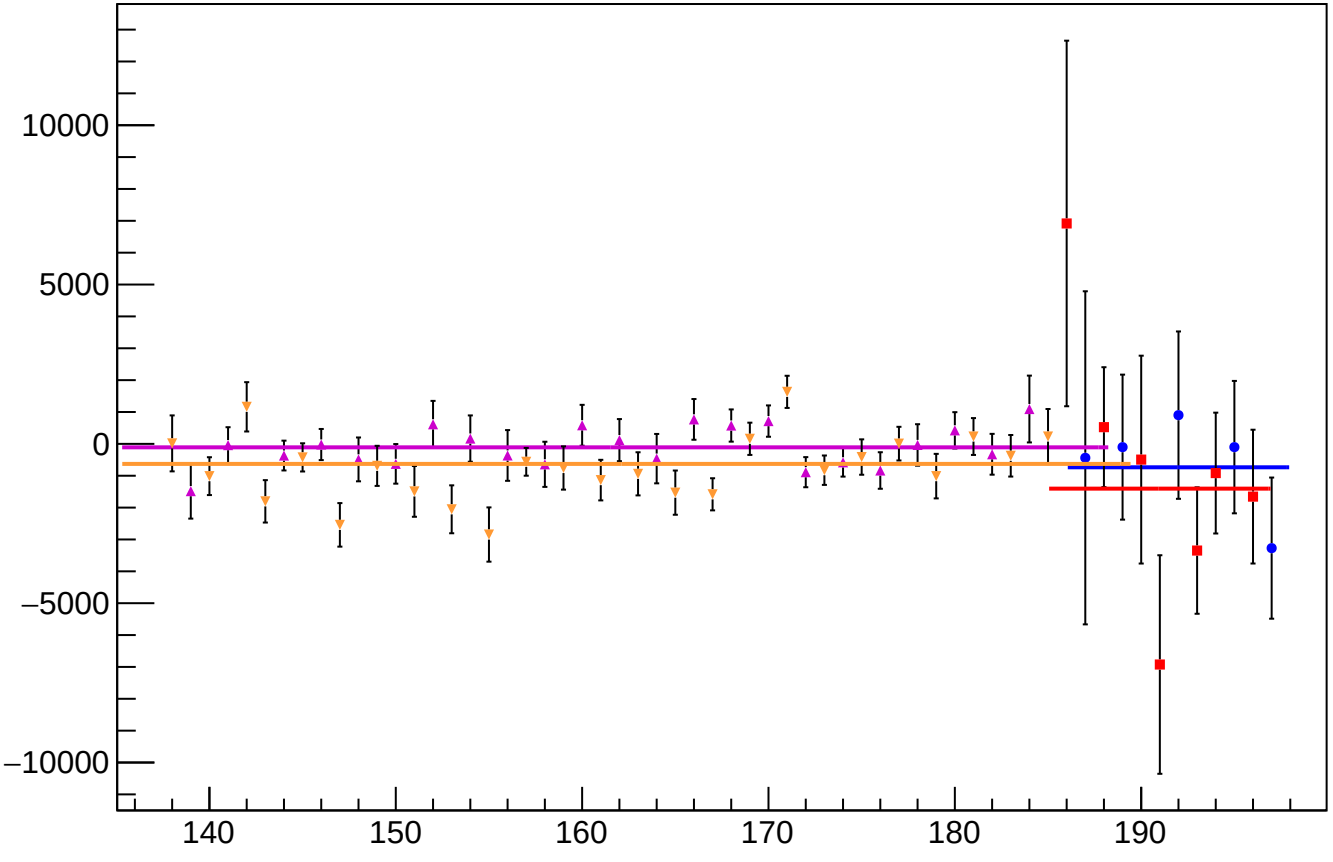
Left In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

+ sign 83.914+/-0.014 χ^2/NDF: 3406112.6/29

All: 85.759+/-0.010 χ^2/NDF: 7401202.9/59

- sign 87.723+/-0.014 χ^2/NDF: 3957809.2/29

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -735.205+/-1110.950 χ^2/NDF: 1.9/4

Left Out: -629.005+/-120.608 χ^2/NDF:63.2/24

Right Out: -1404.949+/-894.056 χ^2/NDF: 6.9/6

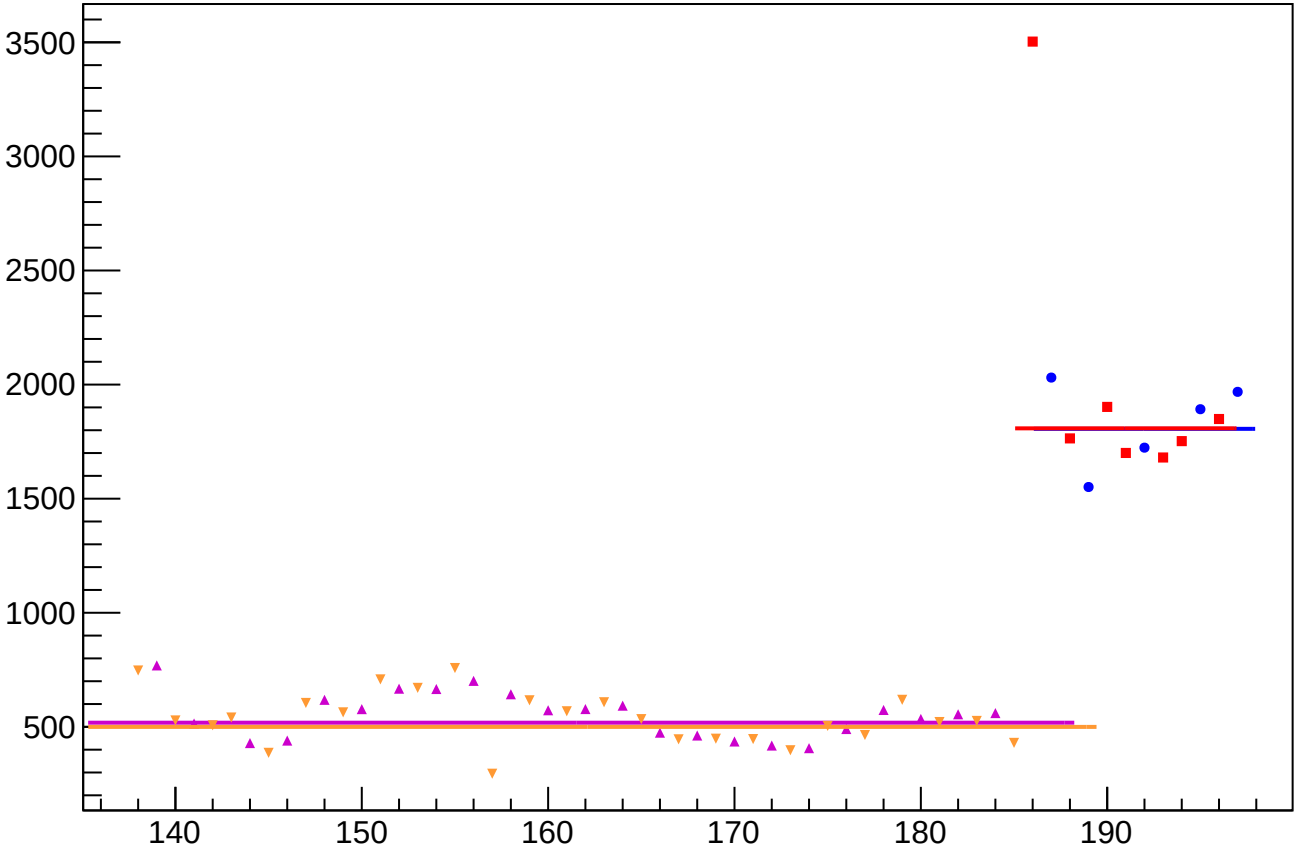
Left In: -108.821+/-125.527 χ^2/NDF:21.4/22

+ sign -630.242+/-119.903 χ^2/NDF: 65.0/29

All: -391.010+/-86.300 χ^2/NDF: 103.7/59

- sign -133.878+/-124.308 χ^2/NDF: 30.4/29

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 1806.080+/-0.786 χ^2/NDF: 44916.8/4

Left Out: 499.813+/-0.085 χ^2/NDF:1626530.8/24

Right Out: 1808.219+/-0.632 χ^2/NDF: 190138.0/6

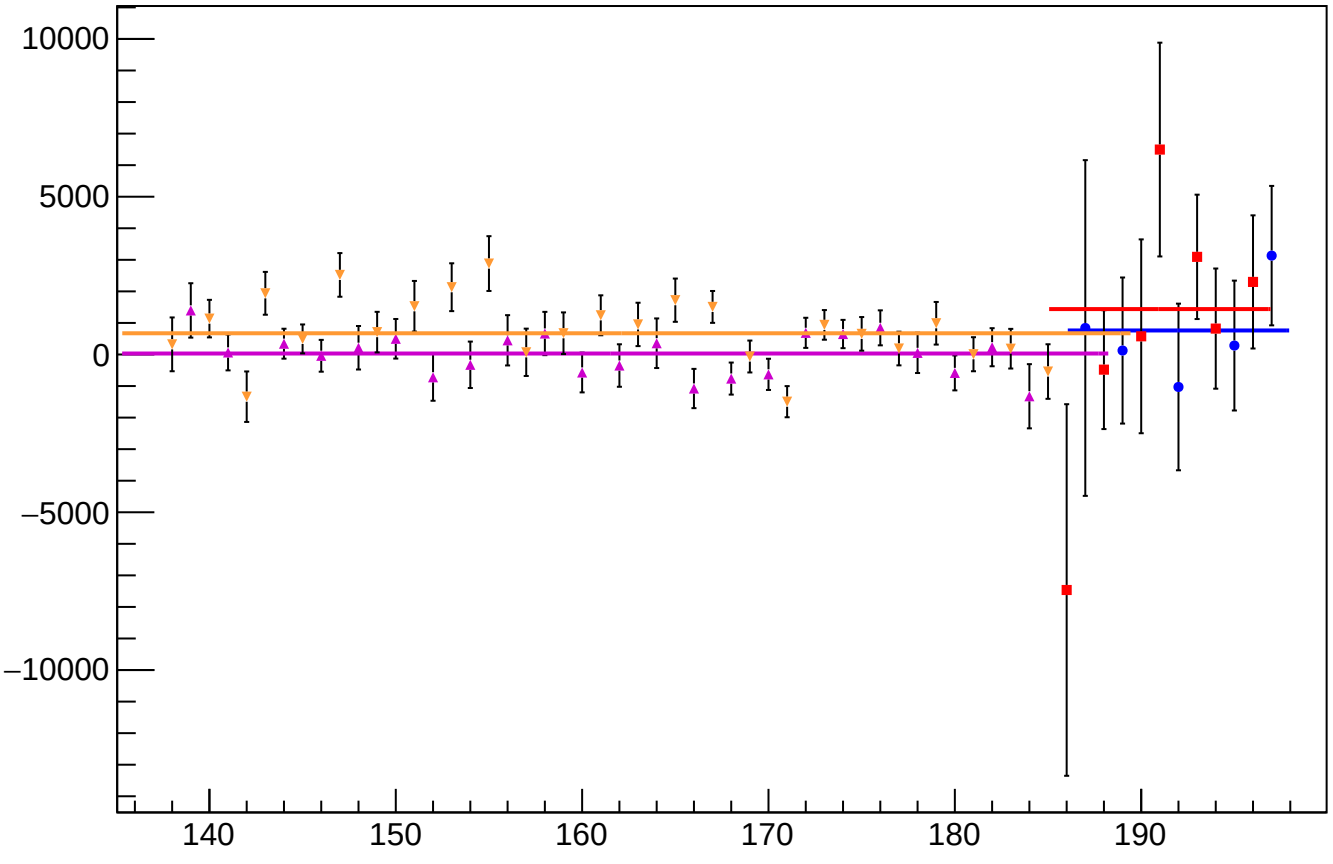
Left In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

+ sign 515.029+/-0.085 χ^2/NDF: 4404302.5/29

All: 528.598+/-0.061 χ^2/NDF: 9802624.7/59

- sign 543.182+/-0.088 χ^2/NDF: 5345182.6/29

asym_sam_12345678_avg_mean vs Slug



Right In: 761.438+/-1113.585 χ^2/NDF: 1.7/4

Left Out: 672.498+/-123.428 χ^2/NDF:62.8/24

Right Out: 1438.986+/-890.202 χ^2/NDF: 6.6/6

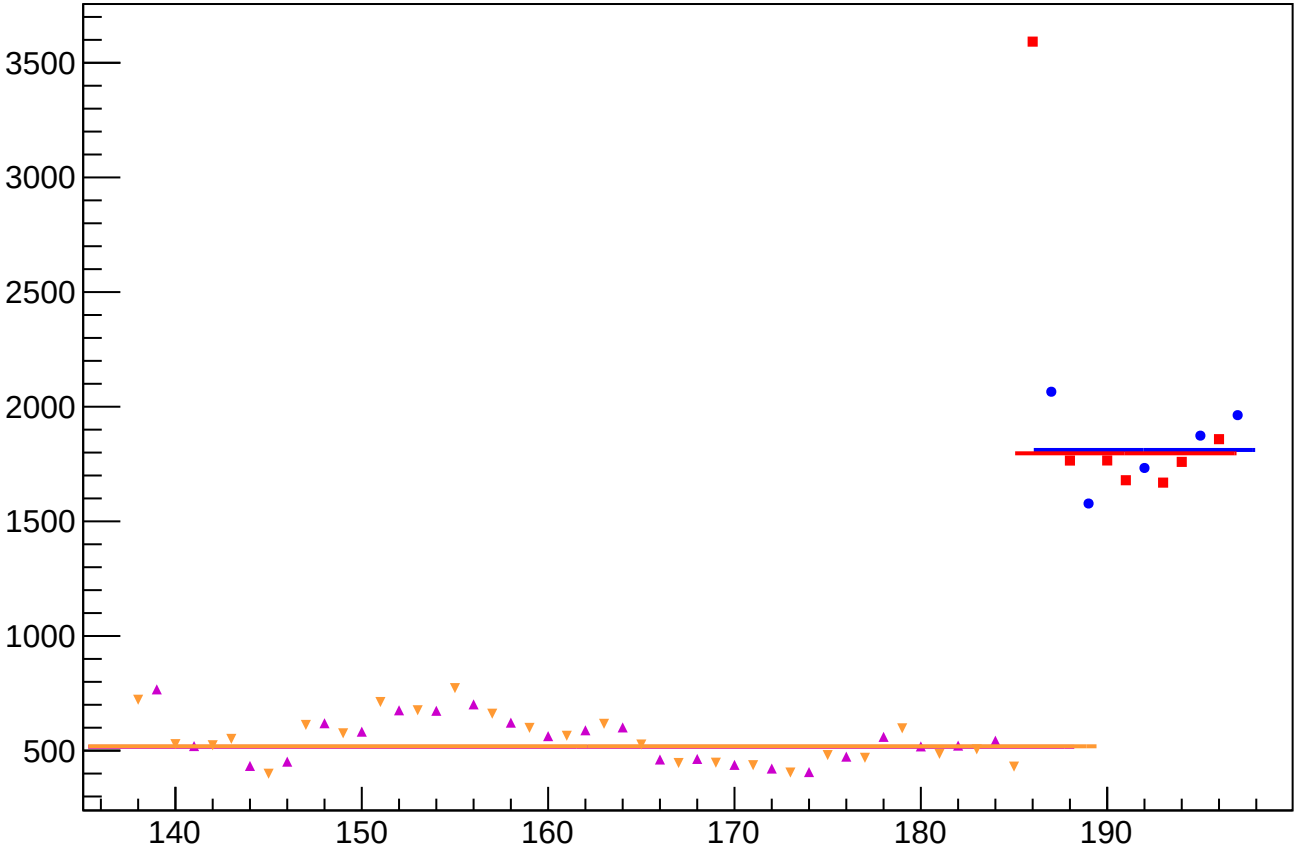
Left In: 31.056+/-125.236 χ^2/NDF:23.8/22

+ sign 673.577+/-122.677 χ^2/NDF: 64.5/29

All: 369.317+/-87.215 χ^2/NDF: 109.9/59

- sign 58.381+/-124.015 χ^2/NDF: 32.9/29

asym_sam_12345678_avg_rms vs Slug



Right In: 1811.345+/-0.787 χ^2/NDF: 37976.3/4

Left Out: 518.935+/-0.087 χ^2/NDF:1172613.9/24

Right Out: 1796.769+/-0.629 χ^2/NDF: 200063.6/6

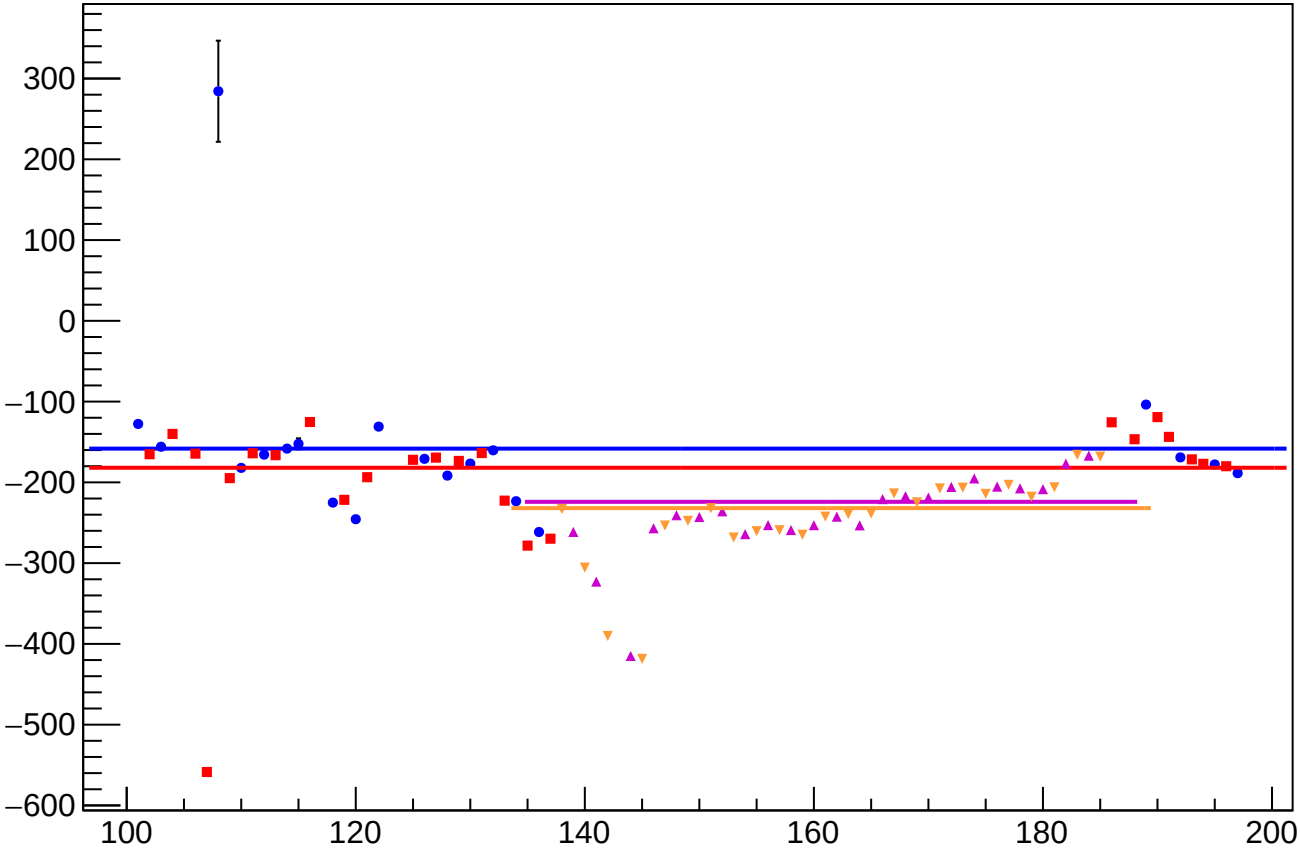
Left In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

+ sign 534.620+/-0.087 χ^2/NDF: 3871811.1/29

All: 537.992+/-0.062 χ^2/NDF: 9166853.6/59

- sign 541.439+/-0.088 χ^2/NDF: 5291985.8/29

dit_usl_4aX_slope vs Slug



Right In: -158.222+/-0.000 χ^2/NDF: 122262.3/19

Left Out: -231.902+/-0.108 χ^2/NDF:110473.4/23

Right Out: -181.910+/-0.096 χ^2/NDF: 163241.0/23

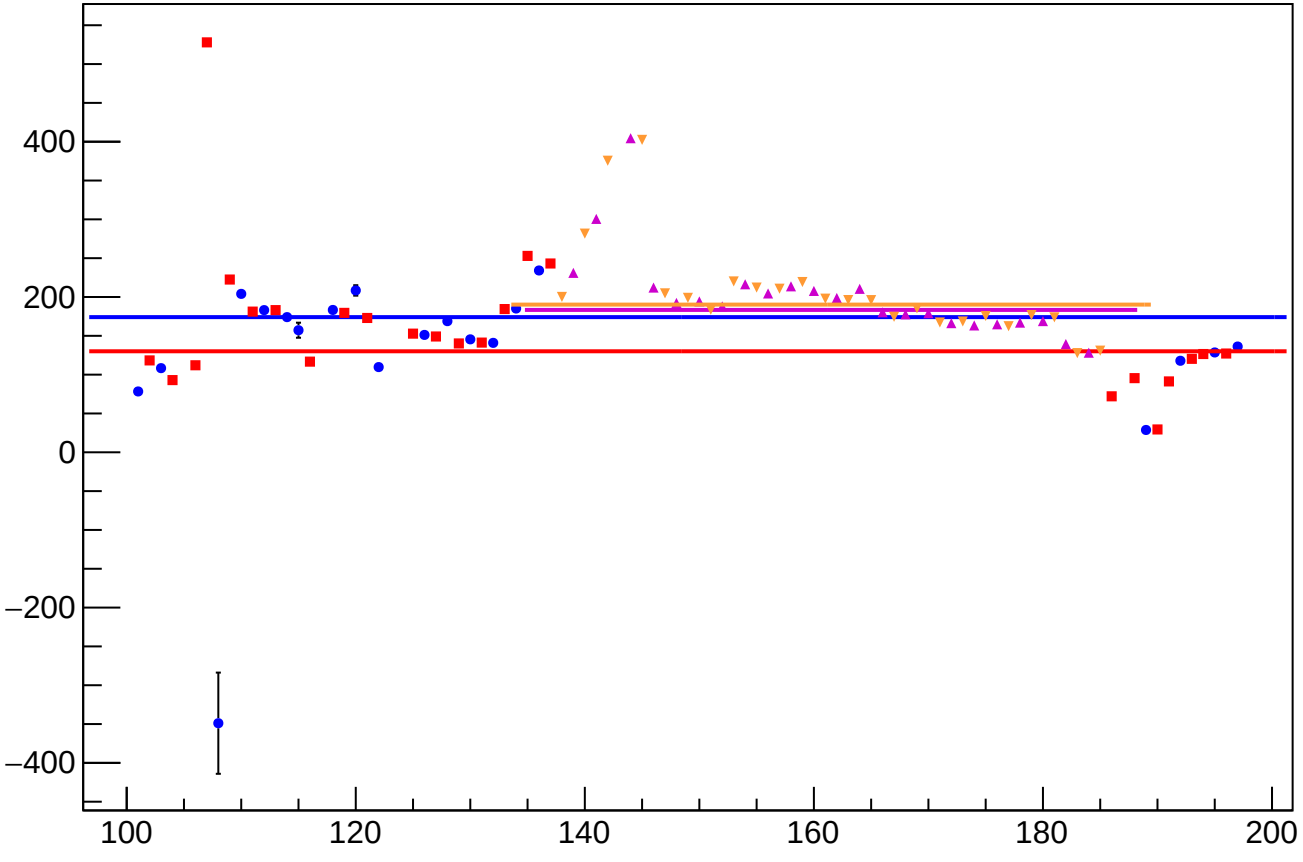
Left In: -224.103+/-0.098 χ^2/NDF:153347.0/22

+ sign -158.222+/-0.000 χ^2/NDF: 696899.4/43

All: -158.222+/-0.000 χ^2/NDF: 1523499.6/90

- sign -202.545+/-0.069 χ^2/NDF: 410752.4/46

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF: 73889.8/19

Left Out: 190.208+/-0.109 χ^2/NDF:99613.5/23

Right Out: 130.091+/-0.097 χ^2/NDF: 158833.1/23

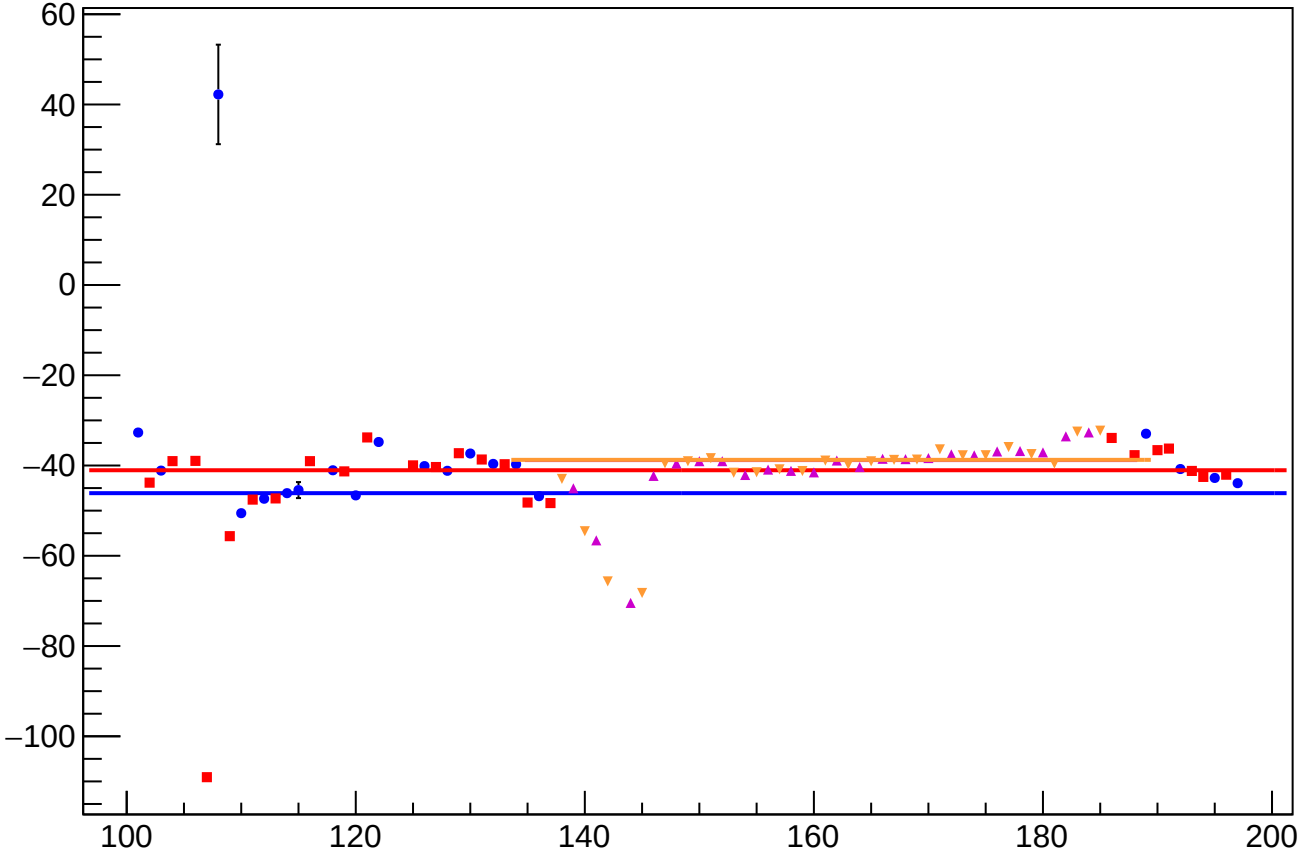
Left In: 183.362+/-0.099 χ^2/NDF:155441.6/22

+ sign 174.085+/-0.000 χ^2/NDF: 195517.0/43

All: 174.085+/-0.000 χ^2/NDF: 722438.8/90

- sign 156.310+/-0.069 χ^2/NDF: 461388.0/46

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF: 415181.5/19

Left Out: -38.745+/-0.006 χ^2/NDF:400638.0/23

Right Out: -41.048+/-0.012 χ^2/NDF: 303459.5/23

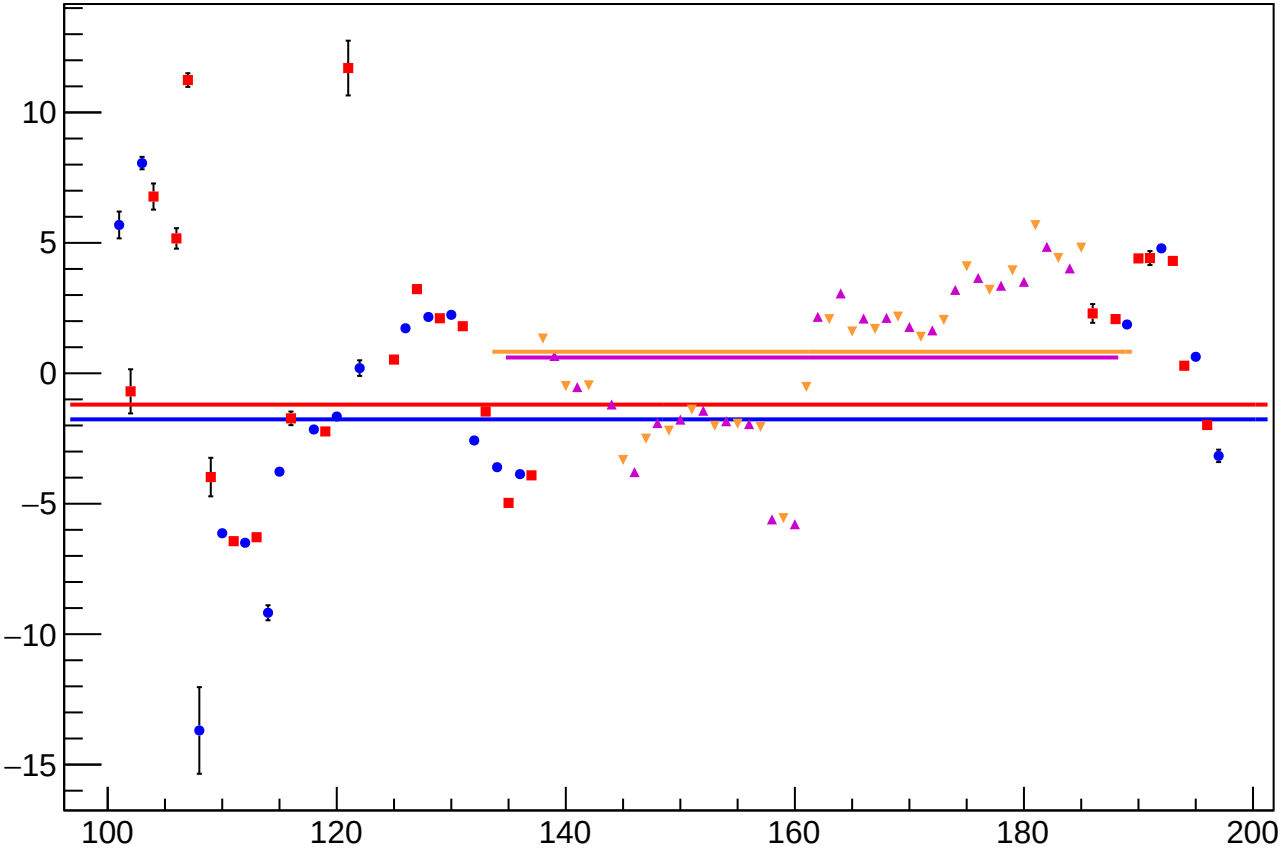
Left In: -38.794+/-0.007 χ^2/NDF:321993.9/22

+ sign -46.126+/-0.000 χ^2/NDF: 2393004.7/43

All: -46.126+/-0.000 χ^2/NDF: 4440382.2/90

- sign -39.282+/-0.006 χ^2/NDF: 651121.5/46

dit_usl_4aY_slope vs Slug



Right In: -1.765+/-0.017 χ^2/NDF: 31181.1/19

Left Out: 0.828+/-0.006 χ^2/NDF:255303.5/23

Right Out: -1.200+/-0.020 χ^2/NDF: 35390.8/23

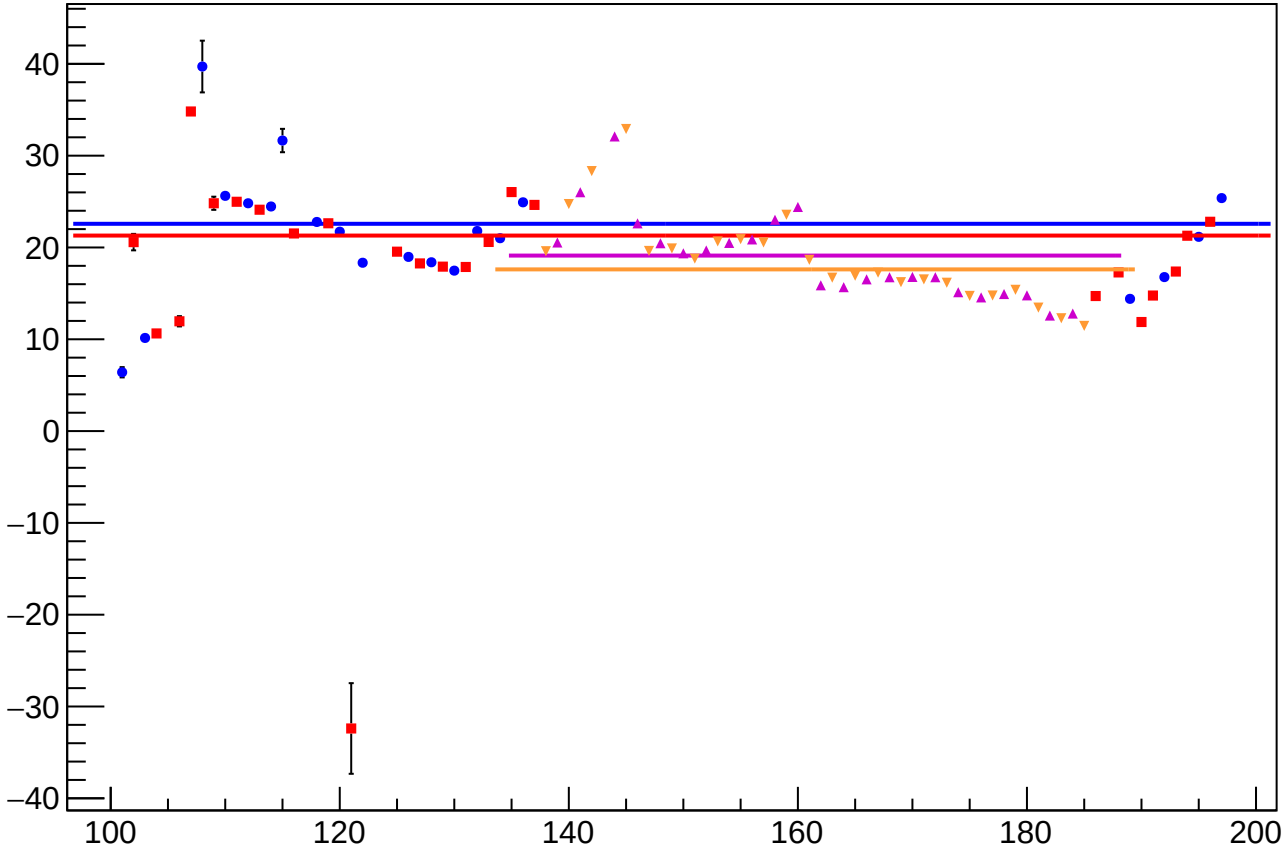
Left In: 0.606+/-0.005 χ^2/NDF:331282.7/22

+ sign 0.537+/-0.006 χ^2/NDF: 306553.2/43

All: 0.514+/-0.004 χ^2/NDF: 680927.1/90

- sign 0.497+/-0.005 χ^2/NDF: 374345.9/46

dit_usl_4eY_slope vs Slug



Right In: 22.579+/-0.018 χ^2/NDF: 25486.5/19

Left Out: 17.613+/-0.007 χ^2/NDF:178438.8/23

Right Out: 21.297+/-0.020 χ^2/NDF: 28224.2/23

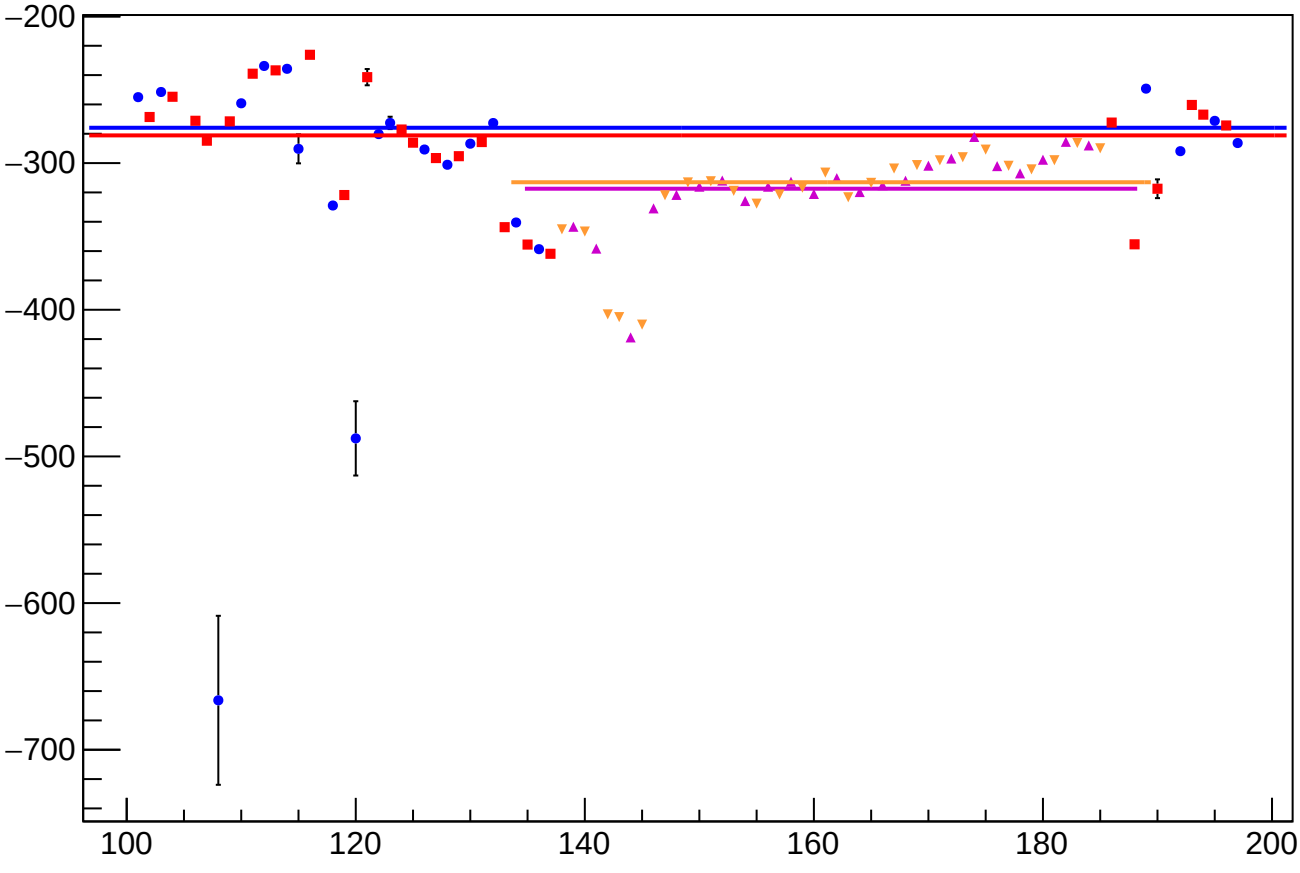
Left In: 19.117+/-0.007 χ^2/NDF:229353.0/22

+ sign 18.260+/-0.007 χ^2/NDF: 267225.4/43

All: 18.810+/-0.005 χ^2/NDF: 549275.8/90

- sign 19.365+/-0.007 χ^2/NDF: 268299.6/46

dit_usr_4aX_slope vs Slug



Right In: -275.906+/-0.143 χ^2/NDF: 58841.8/20

Left Out: -313.052+/-0.096 χ^2/NDF:54405.8/24

Right Out: -281.113+/-0.112 χ^2/NDF: 63535.7/23

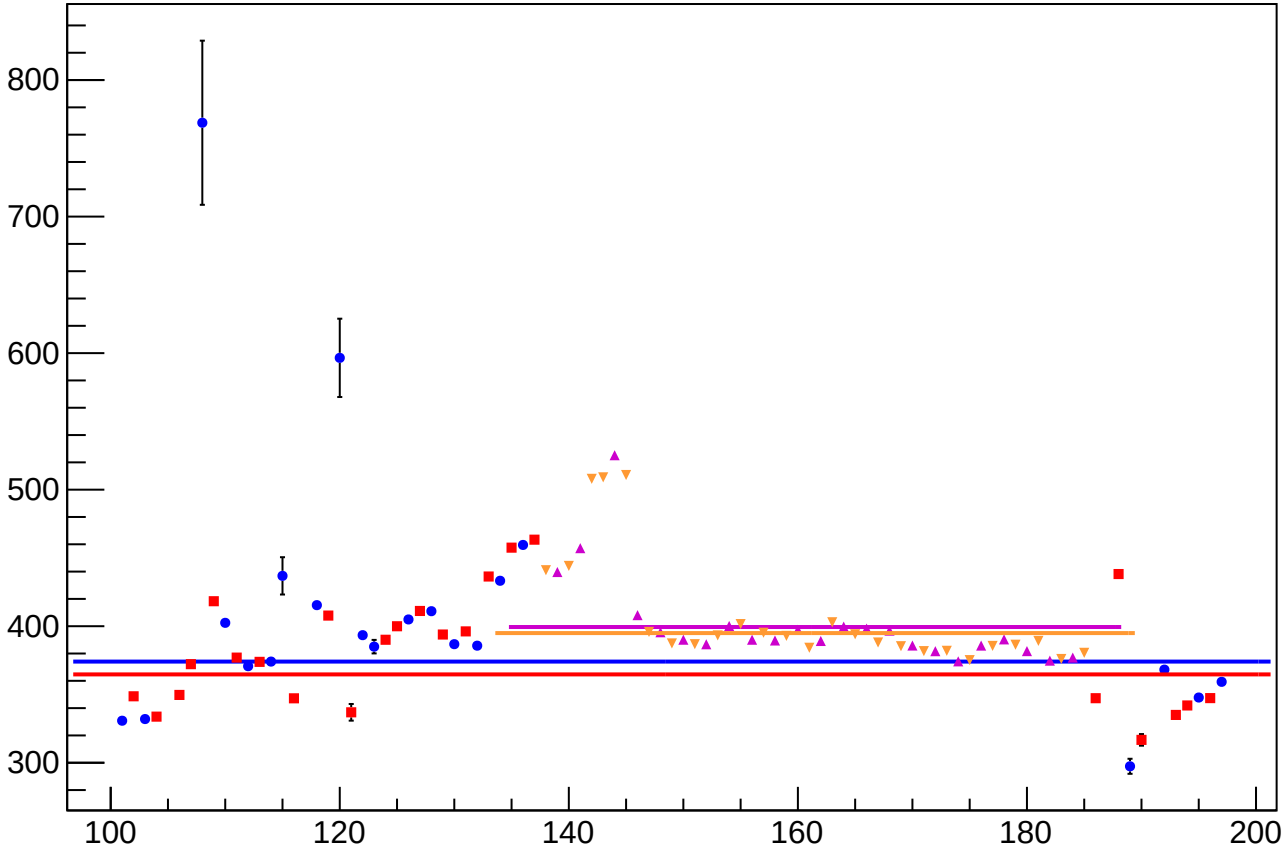
Left In: -317.471+/-0.095 χ^2/NDF:63067.6/22

+ sign -301.518+/-0.080 χ^2/NDF: 159898.6/45

All: -301.929+/-0.054 χ^2/NDF: 347510.4/92

- sign -302.271+/-0.073 χ^2/NDF: 187563.0/46

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF: 43580.6/20

Left Out: 394.968+/-0.096 χ^2/NDF:68076.2/24

Right Out: 364.703+/-0.113 χ^2/NDF: 89686.5/23

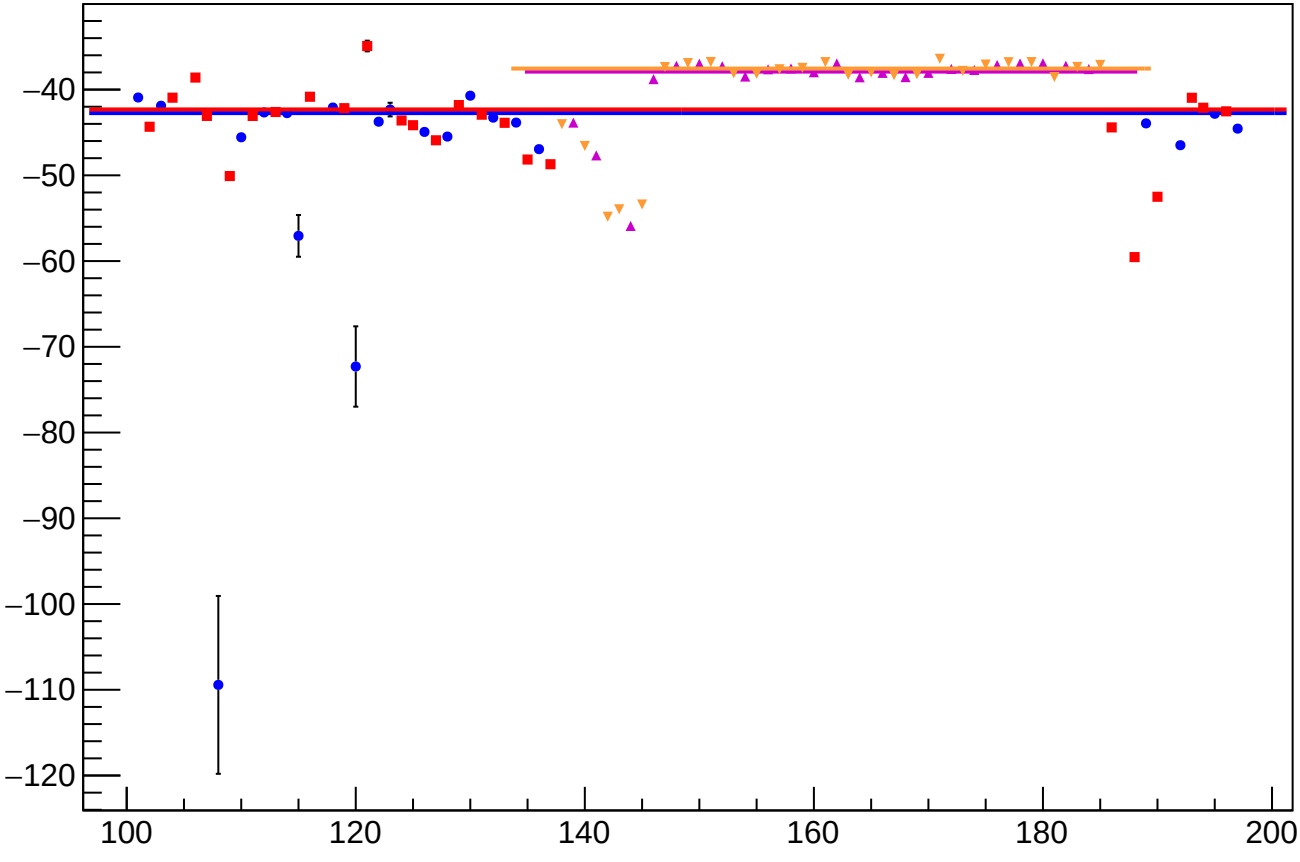
Left In: 399.410+/-0.097 χ^2/NDF:77209.0/22

+ sign 374.094+/-0.000 χ^2/NDF: 158927.5/45

All: 374.094+/-0.000 χ^2/NDF: 401032.7/92

- sign 384.711+/-0.074 χ^2/NDF: 221264.4/46

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF: 14037.9/20

Left Out: -37.547+/-0.004 χ^2/NDF:267131.7/24

Right Out: -42.314+/-0.014 χ^2/NDF: 22674.3/23

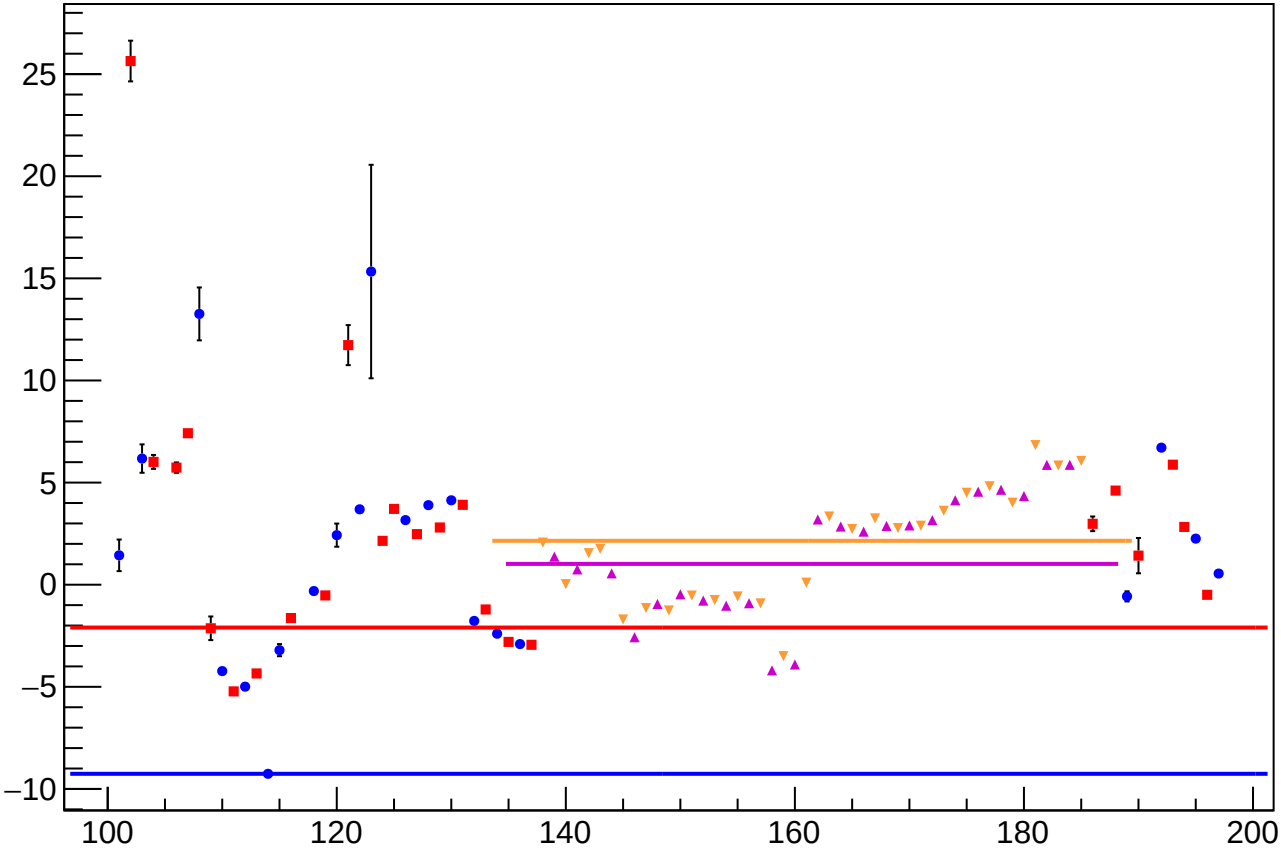
Left In: -37.903+/-0.004 χ^2/NDF:156960.8/22

+ sign -42.744+/-0.000 χ^2/NDF: 2116717.6/45

All: -42.744+/-0.000 χ^2/NDF: 3659250.4/92

- sign -38.280+/-0.004 χ^2/NDF: 276259.7/46

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF: 437416.7/20

Left Out: 2.149+/-0.005 χ^2/NDF:290739.3/24

Right Out: -2.098+/-0.008 χ^2/NDF: 69169.9/23

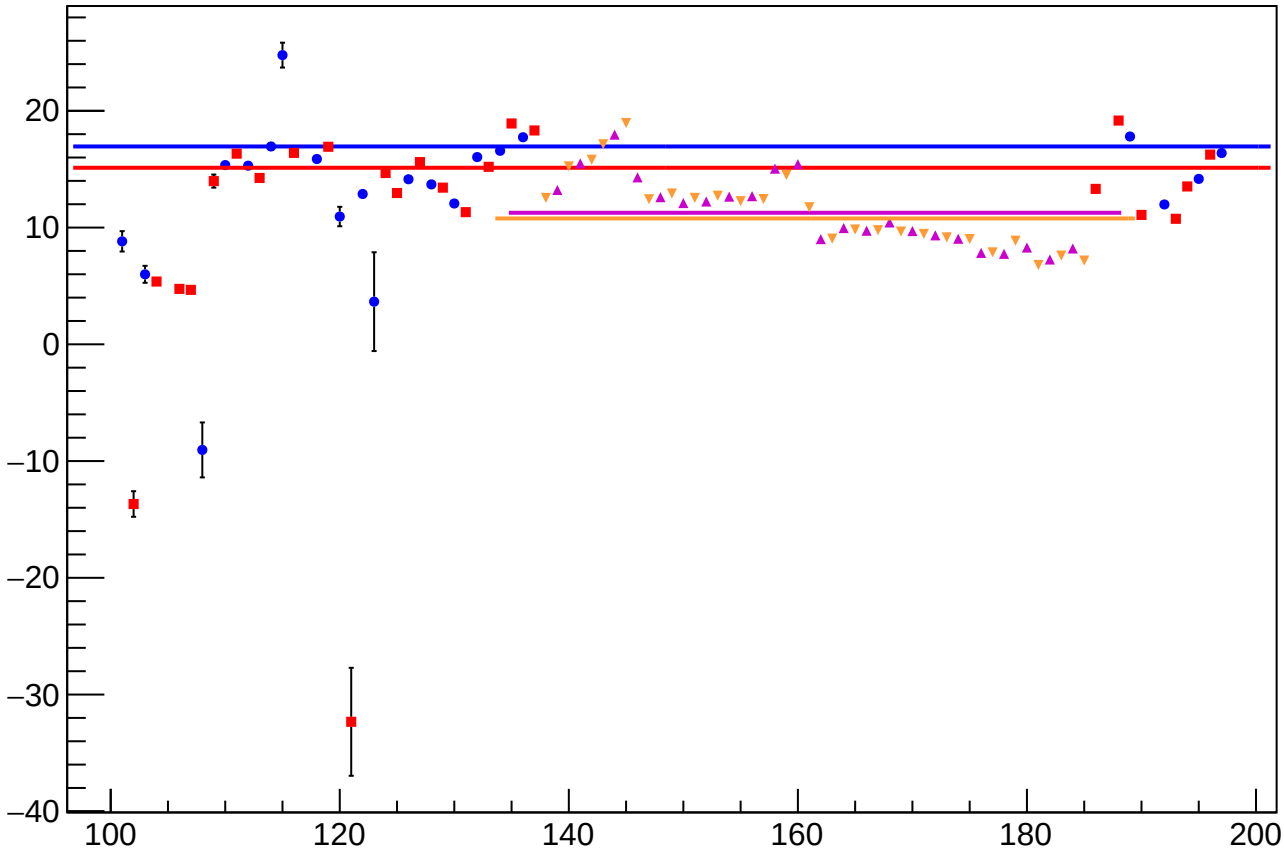
Left In: 1.019+/-0.006 χ^2/NDF:250029.0/22

+ sign -9.259+/-0.000 χ^2/NDF: 6171014.3/45

All: -9.259+/-0.000 χ^2/NDF: 10628873.9/92

- sign -0.106+/-0.005 χ^2/NDF: 427012.5/46

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2/NDF: 12435.0/20

Left Out: 10.782+/-0.007 χ^2/NDF:129427.5/24

Right Out: 15.123+/-0.015 χ^2/NDF: 31601.1/23

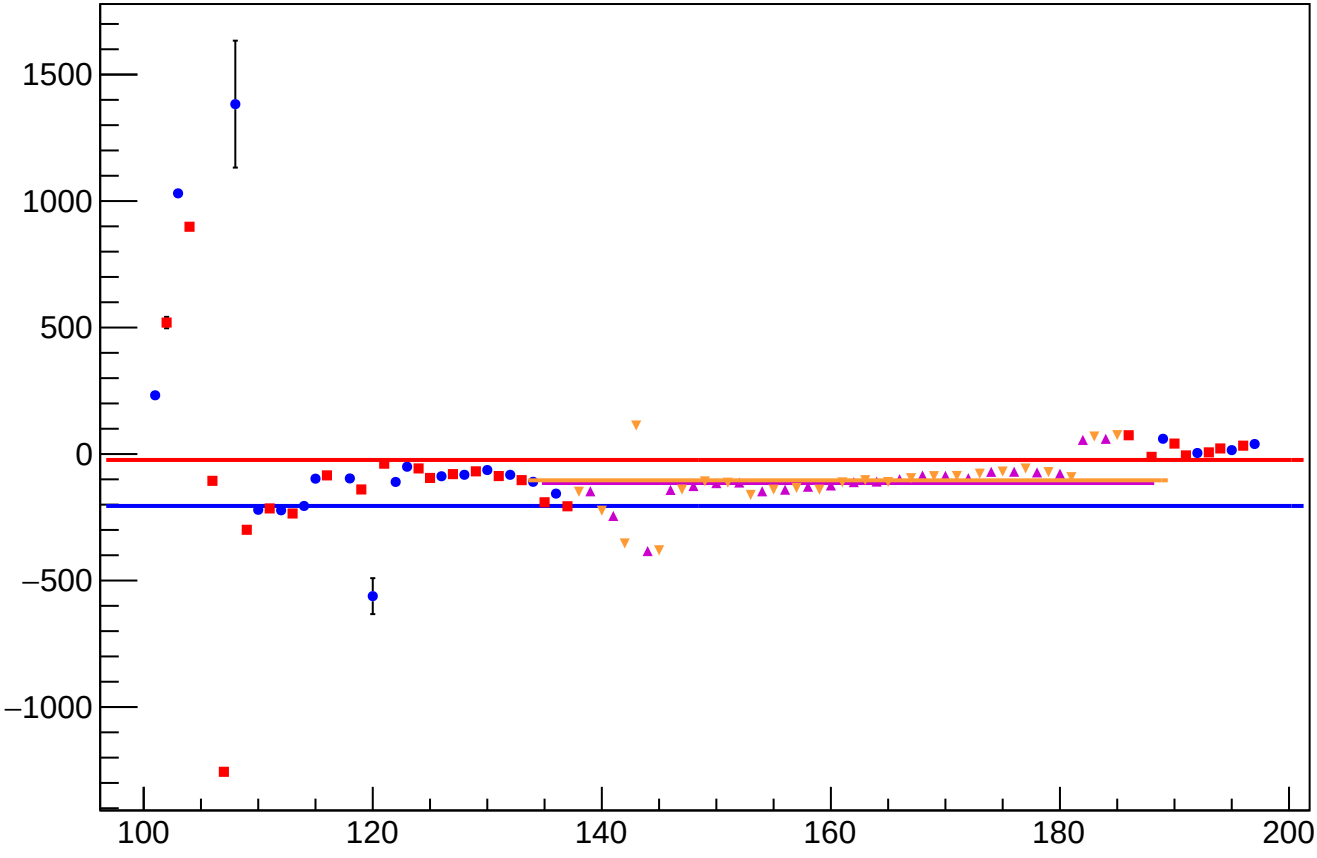
Left In: 11.267+/-0.008 χ^2/NDF:98438.0/22

+ sign 16.947+/-0.000 χ^2/NDF: 996791.3/45

All: 16.947+/-0.000 χ^2/NDF: 1665779.8/92

- sign 12.073+/-0.007 χ^2/NDF: 180590.8/46

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF: 1492974.7/20

Left Out: -103.842+/-0.192 χ^2/NDF:94751.7/24

Right Out: -23.361+/-0.236 χ^2/NDF: 165722.0/24

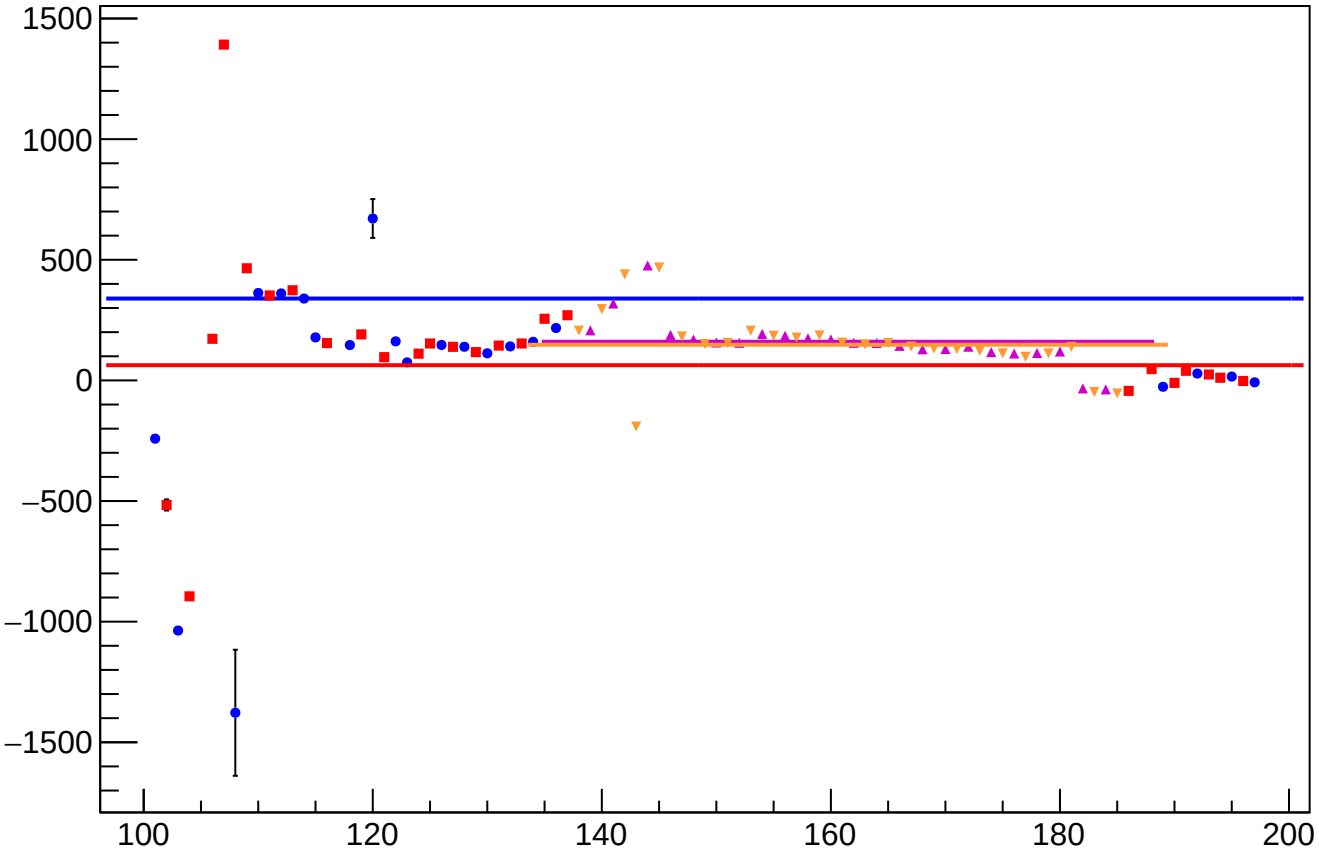
Left In: -114.444+/-0.225 χ^2/NDF:76837.7/22

+ sign -205.160+/-0.000 χ^2/NDF: 1867096.6/45

All: -205.160+/-0.000 χ^2/NDF: 2868030.7/93

- sign -71.041+/-0.163 χ^2/NDF: 320806.3/47

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF: 1530067.4/20

Left Out: 147.771+/-0.196 χ^2/NDF:134281.2/24

Right Out: 63.013+/-0.230 χ^2/NDF: 252238.4/24

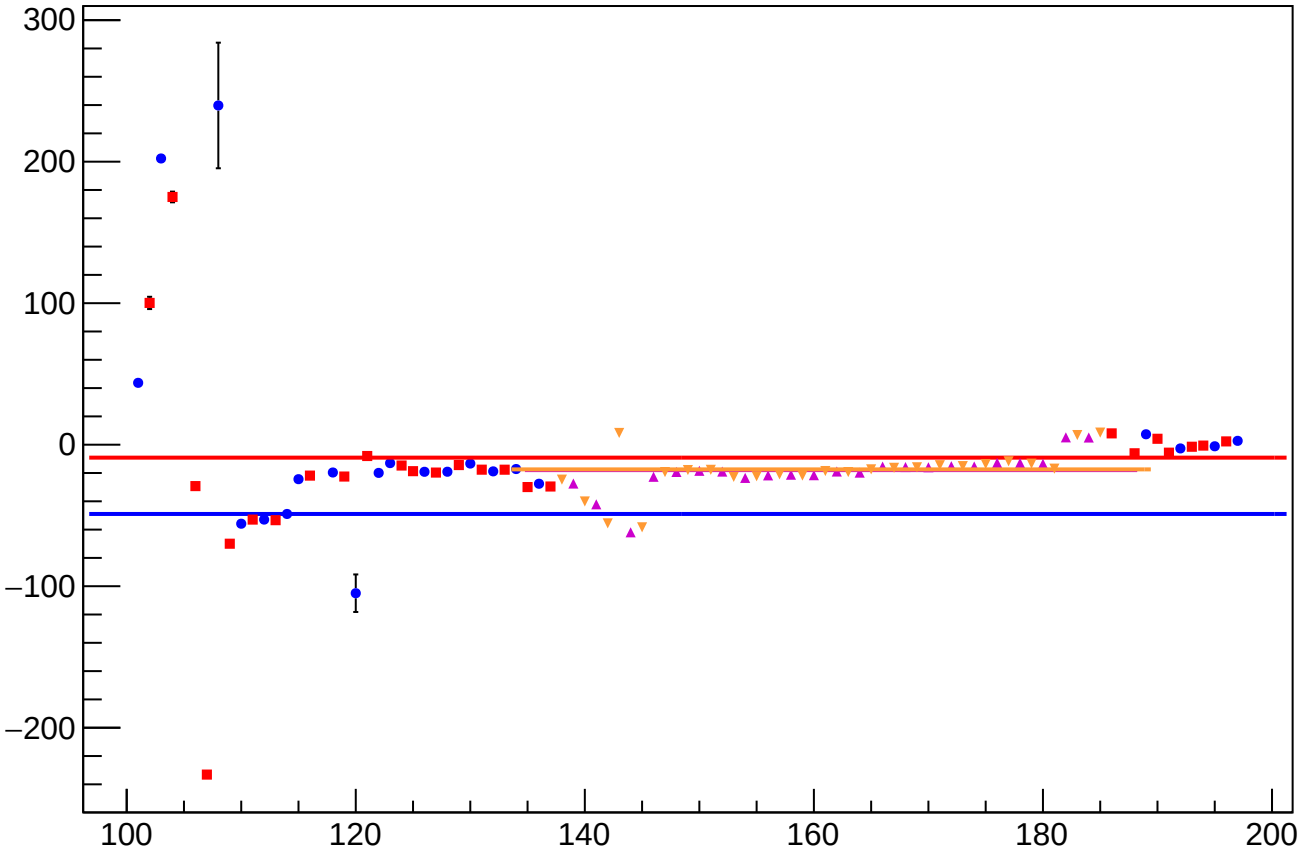
Left In: 160.049+/-0.230 χ^2/NDF:83579.0/22

+ sign 339.325+/-0.000 χ^2/NDF: 2617973.8/45

All: 339.325+/-0.000 χ^2/NDF: 5002197.2/93

- sign 111.673+/-0.163 χ^2/NDF: 424817.0/47

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF: 6641825.2/20

Left Out: -17.446+/-0.010 χ^2/NDF:714044.4/24

Right Out: -9.144+/-0.030 χ^2/NDF: 361354.9/24

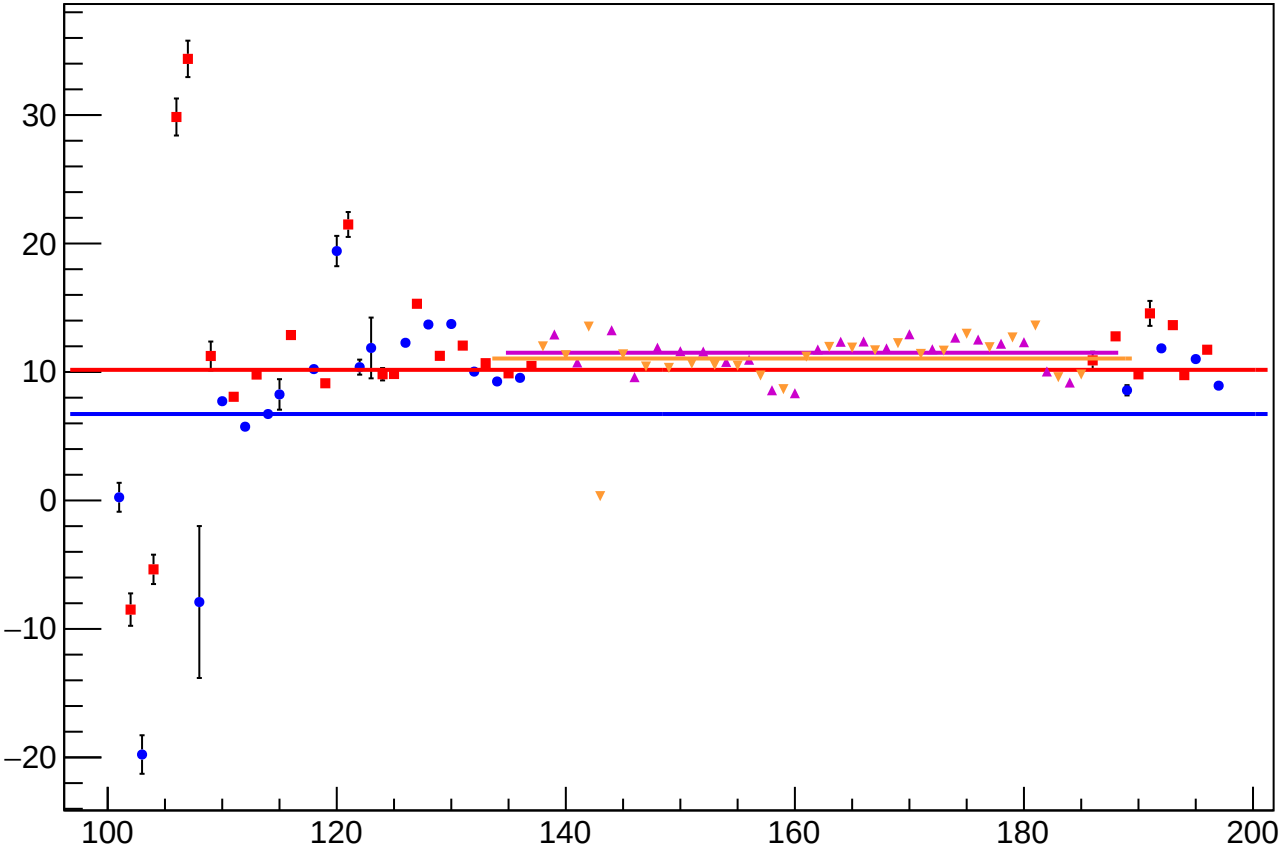
Left In: -17.951+/-0.012 χ^2/NDF:252123.1/22

+ sign -48.945+/-0.000 χ^2/NDF: 17259308.6/45

All: -48.945+/-0.000 χ^2/NDF: 25987747.3/93

- sign -16.709+/-0.011 χ^2/NDF: 686165.7/47

dit_atl1_4aY_slope vs Slug



Right In: 6.728+/-0.000 χ^2/NDF: 14972.5/20

Left Out: 11.049+/-0.012 χ^2/NDF:31618.4/24

Right Out: 10.167+/-0.034 χ^2/NDF: 6111.8/24

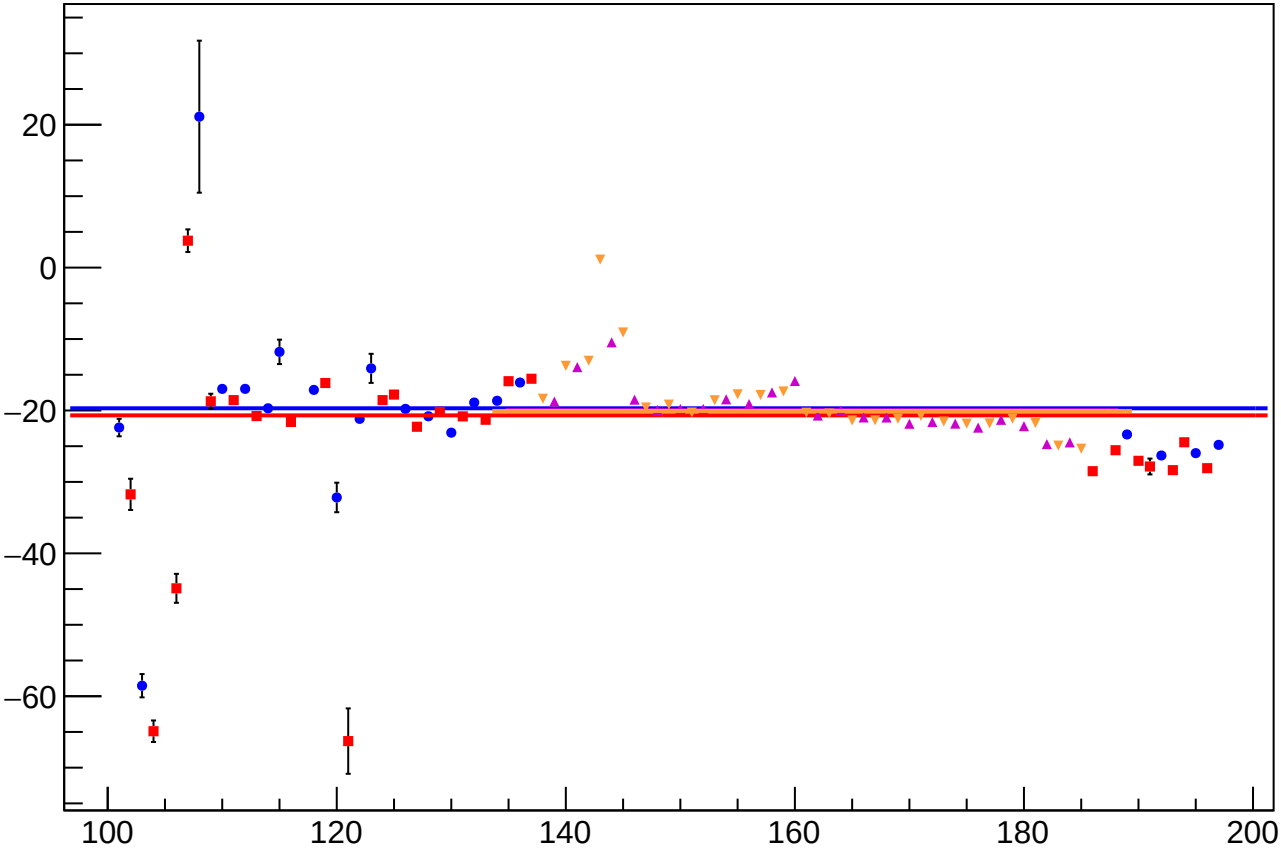
Left In: 11.498+/-0.010 χ^2/NDF:15848.8/22

+ sign 6.728+/-0.000 χ^2/NDF: 171045.7/45

All: 6.728+/-0.000 χ^2/NDF: 412562.2/93

- sign 11.382+/-0.010 χ^2/NDF: 23377.1/47

dit_atl1_4eY_slope vs Slug



Right In: -19.693+/-0.000 χ^2/NDF: 9998.8/20

Left Out: -20.065+/-0.014 χ^2/NDF:71466.1/24

Right Out: -20.684+/-0.045 χ^2/NDF: 6616.8/24

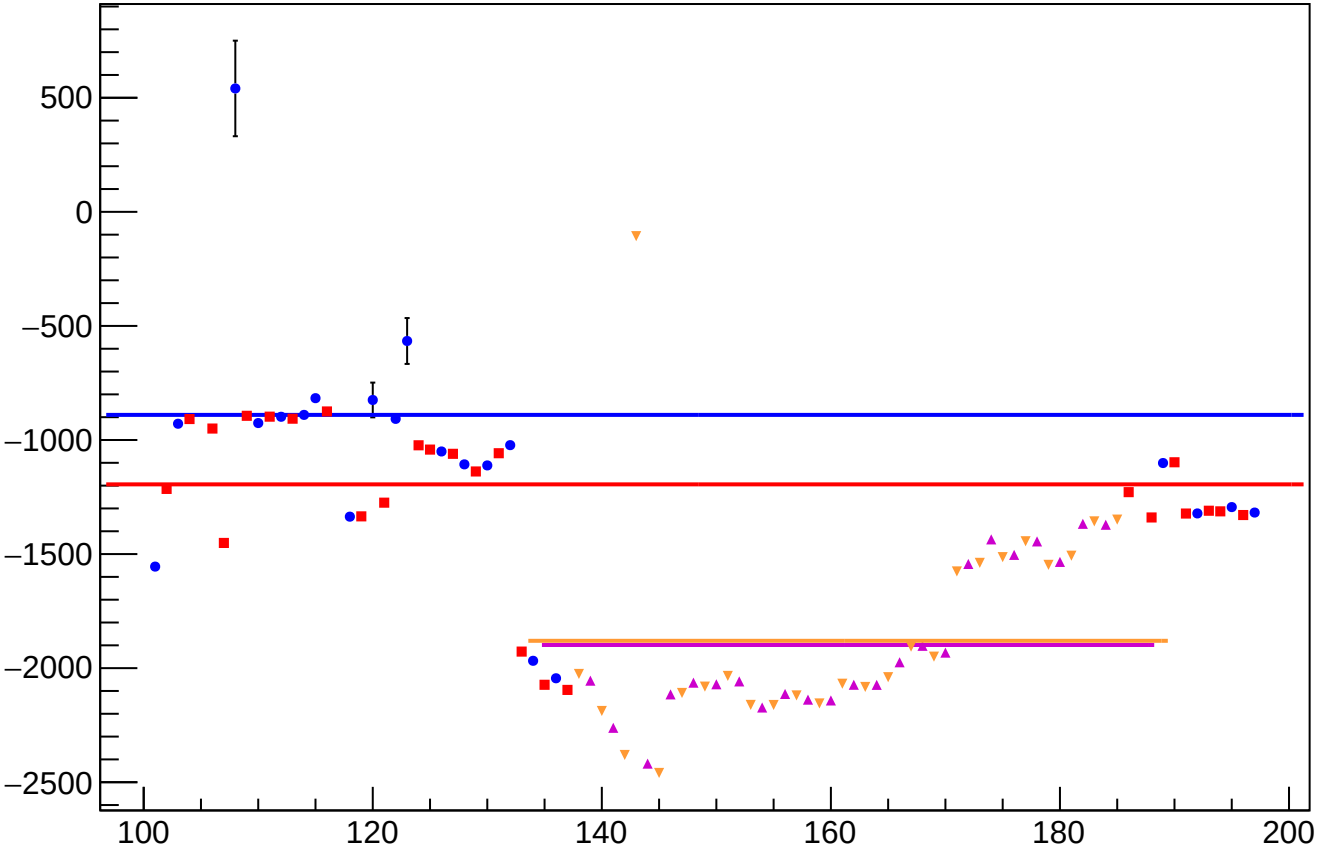
Left In: -19.955+/-0.015 χ^2/NDF:22657.6/22

+ sign -19.693+/-0.000 χ^2/NDF: 82186.7/45

All: -19.693+/-0.000 χ^2/NDF: 112251.5/93

- sign -20.030+/-0.014 χ^2/NDF: 29512.0/47

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF: 1278113.6/20

Left Out: -1880.162+/-0.353 χ^2/NDF:873293.0/24

Right Out: -1194.447+/-0.237 χ^2/NDF: 925533.6/24

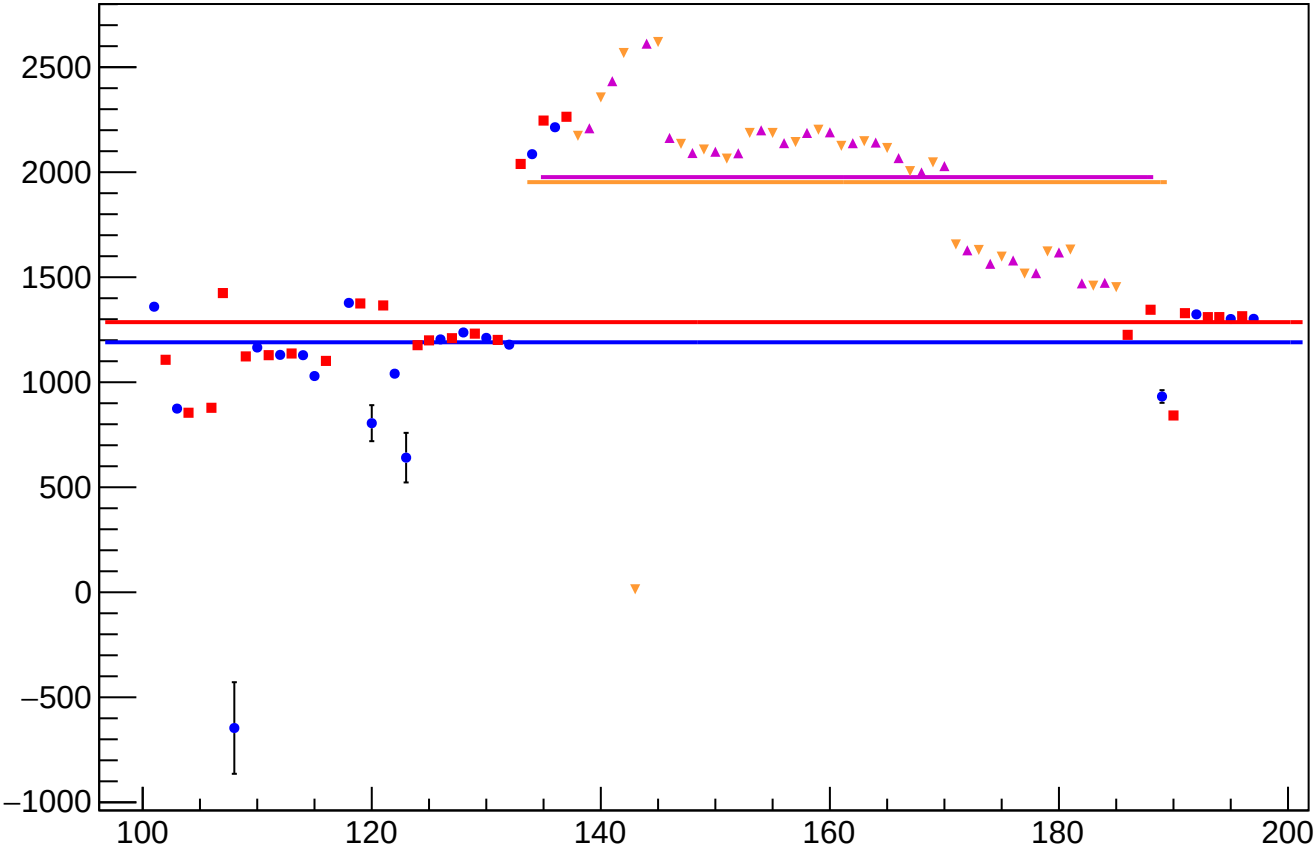
Left In: -1898.497+/-0.364 χ^2/NDF:698003.8/22

+ sign -889.928+/-0.000 χ^2/NDF: 10023128.1/45

All: -889.928+/-0.000 χ^2/NDF: 20986842.2/9

- sign -1404.237+/-0.199 χ^2/NDF: 4253841.9/47

dit_atl2_4eX_slope vs Slug



Right In: 1190.235+/-0.227 χ^2/NDF: 552115.0/20

Left Out: 1952.706+/-0.354 χ^2/NDF:820225.3/24

Right Out: 1286.133+/-0.242 χ^2/NDF: 533318.7/24

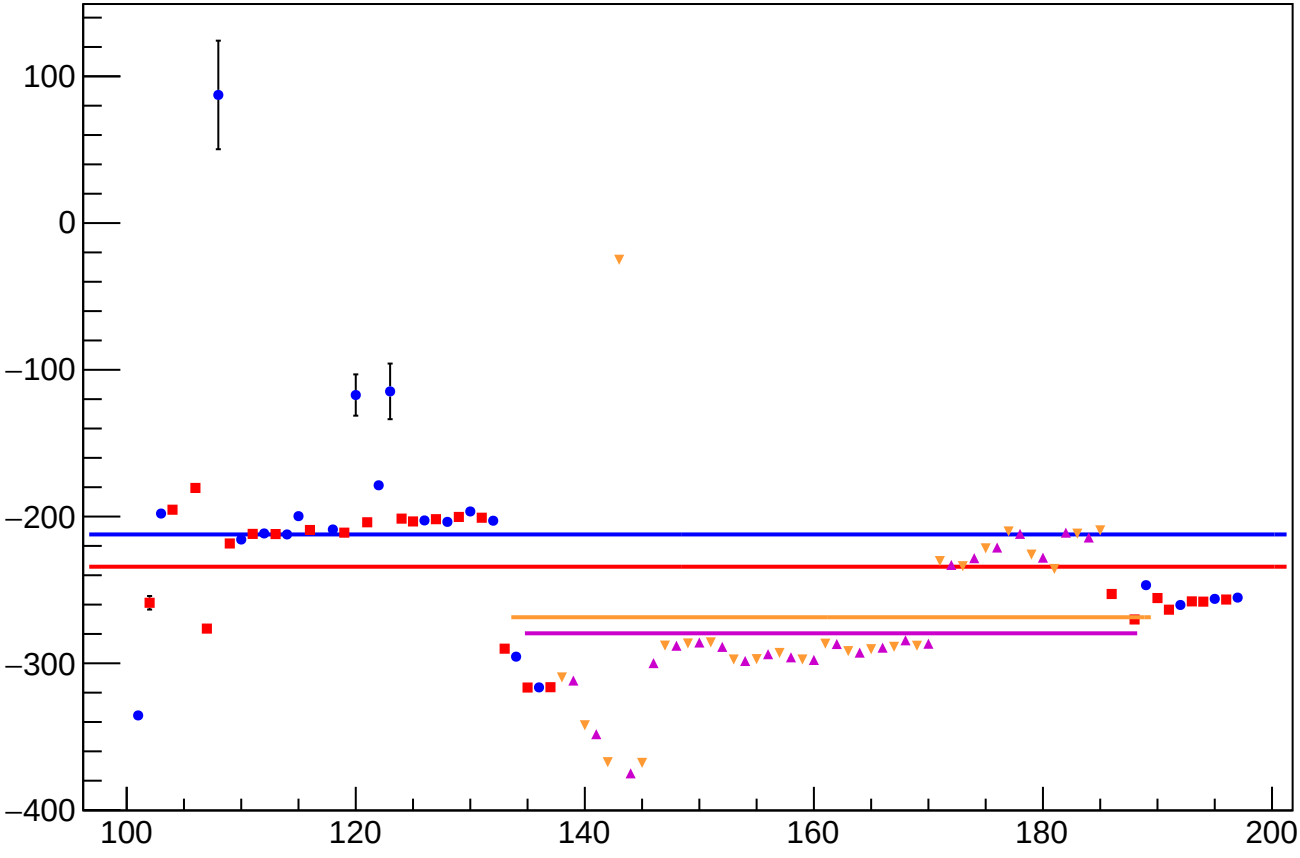
Left In: 1976.603+/-0.367 χ^2/NDF:625684.0/22

+ sign 1412.988+/-0.191 χ^2/NDF: 4656222.8/45

All: 1451.822+/-0.139 χ^2/NDF: 8367309.6/93

- sign 1495.124+/-0.202 χ^2/NDF: 3623961.9/47

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF: 1472132.4/20

Left Out: -268.611+/-0.022 χ^2/NDF:7041710.3/24

Right Out: -234.179+/-0.031 χ^2/NDF: 846153.1/24

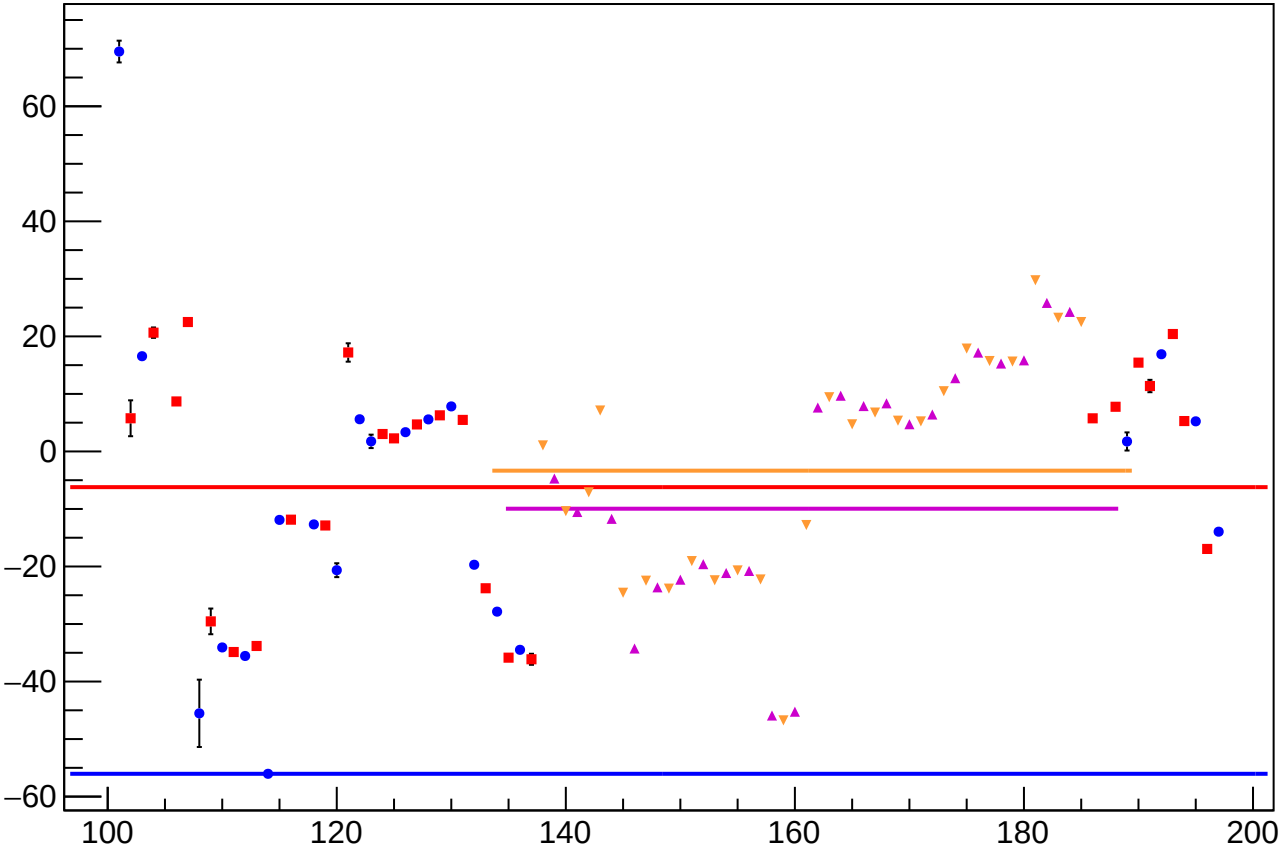
Left In: -279.563+/-0.022 χ^2/NDF:2298119.7/22

+ sign -212.190+/-0.000 χ^2/NDF: 15070159.6/45

All: -212.190+/-0.000 χ^2/NDF: 28399293.4/9

- sign -264.473+/-0.018 χ^2/NDF: 4603499.7/47

dit_atl2_4aY_slope vs Slug



Right In: -56.037+/-0.000 χ^2/NDF: 1705017.6/20

Left Out: -3.341+/-0.018 χ^2/NDF:1399746.6/24

Right Out: -6.207+/-0.040 χ^2/NDF: 188474.8/24

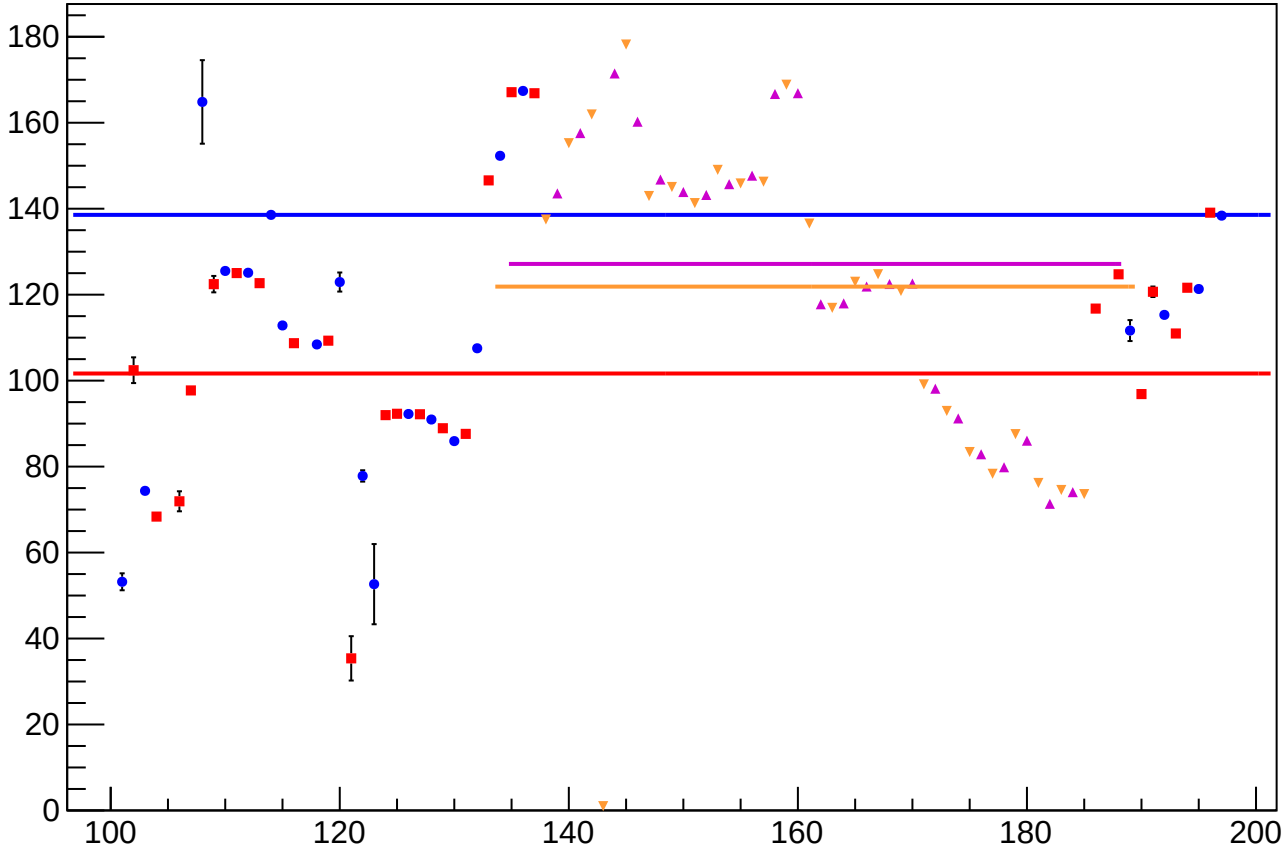
Left In: -9.956+/-0.018 χ^2/NDF:1689839.0/22

+ sign -56.037+/-0.000 χ^2/NDF: 12092583.5/45

All: -56.037+/-0.000 χ^2/NDF: 21722274.4/93

- sign -9.305+/-0.017 χ^2/NDF: 1885458.3/47

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF: 911446.7/20

Left Out: 121.875+/-0.024 χ^2/NDF:1617383.6/24

Right Out: 101.658+/-0.032 χ^2/NDF: 323401.7/24

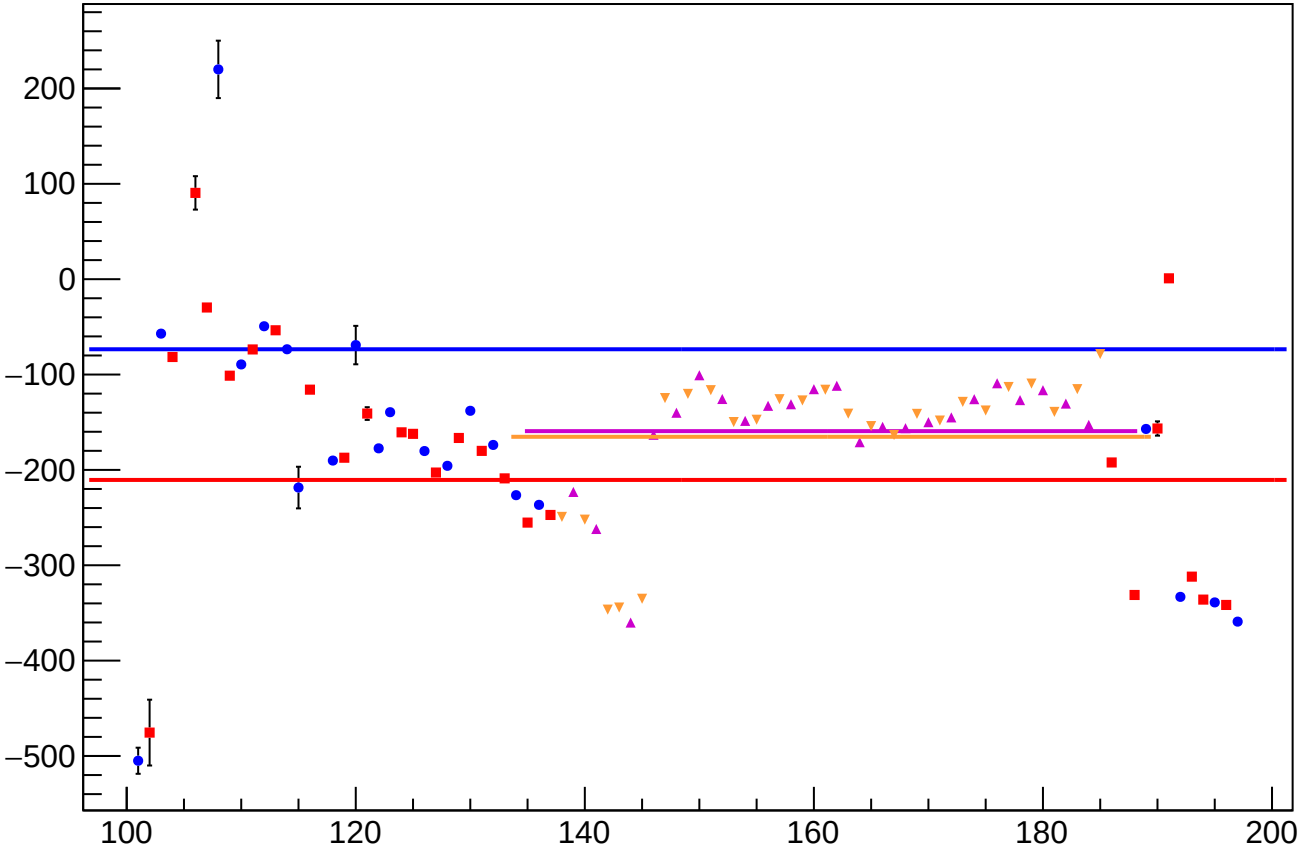
Left In: 127.150+/-0.026 χ^2/NDF:1340248.6/22

+ sign 138.565+/-0.000 χ^2/NDF: 3000568.0/45

All: 138.565+/-0.000 χ^2/NDF: 6153440.8/93

- sign 117.076+/-0.020 χ^2/NDF: 2038486.9/47

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF: 209656.7/20

Left Out: -165.282+/-0.232 χ^2/NDF:84301.0/24

Right Out: -210.522+/-0.272 χ^2/NDF: 160580.0/24

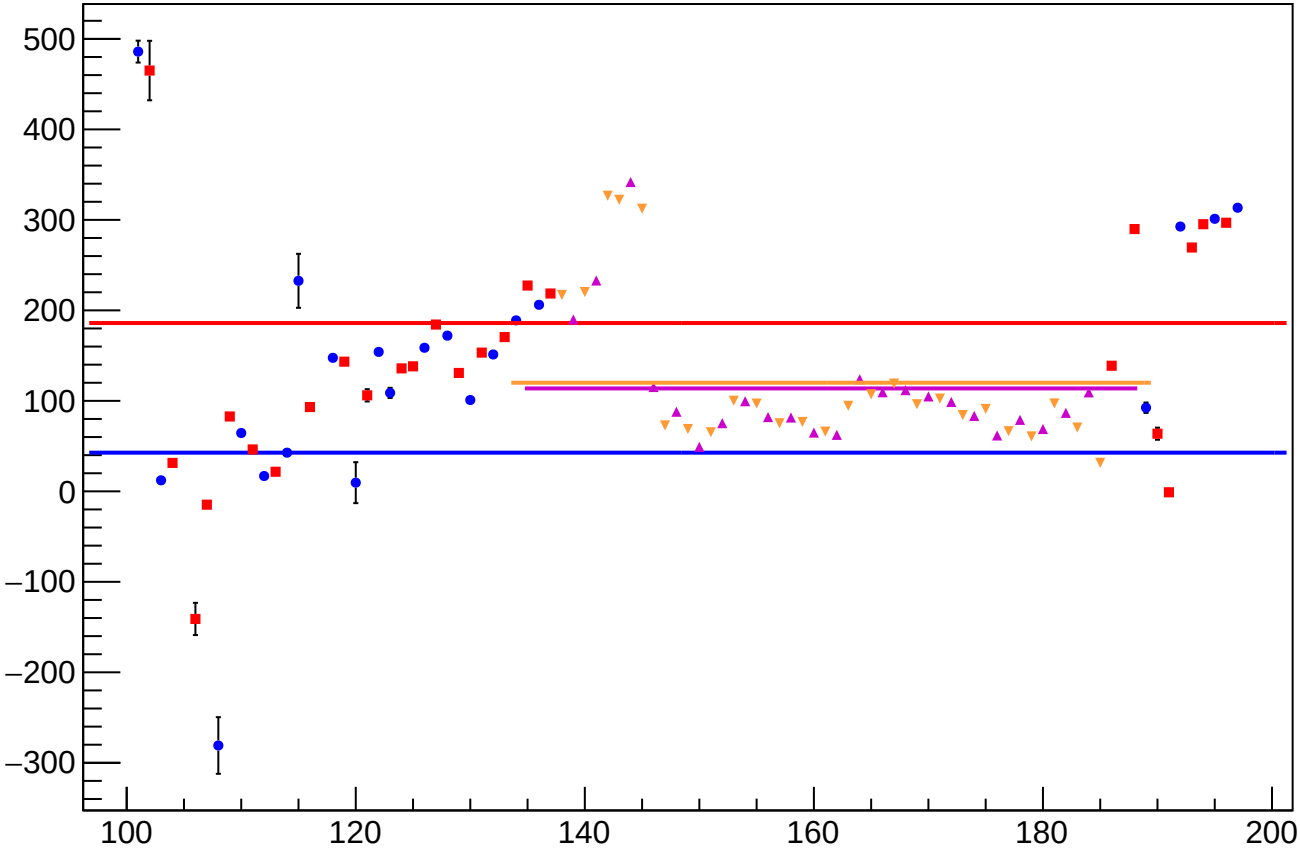
Left In: -159.346+/-0.239 χ^2/NDF:73885.5/22

+ sign -73.485+/-0.000 χ^2/NDF: 450872.9/45

All: -73.485+/-0.000 χ^2/NDF: 1067908.7/93

- sign -181.650+/-0.180 χ^2/NDF: 254424.4/47

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF: 188141.6/20

Left Out: 120.053+/-0.237 χ^2/NDF:97926.9/24

Right Out: 186.008+/-0.287 χ^2/NDF: 133546.9/24

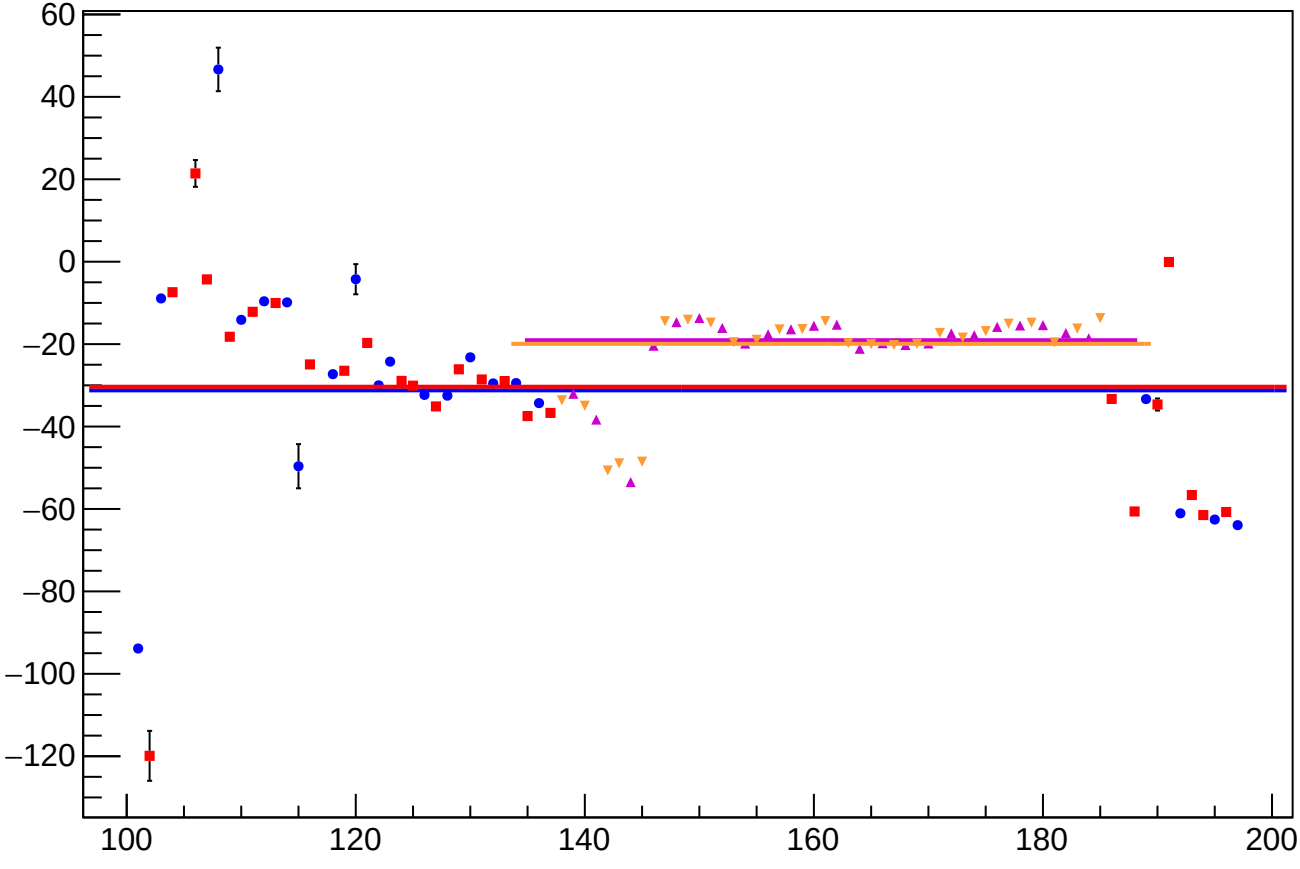
Left In: 113.733+/-0.246 χ^2/NDF:81886.4/22

+ sign 42.743+/-0.000 χ^2/NDF: 392499.5/45

All: 42.743+/-0.000 χ^2/NDF: 939783.8/93

- sign 144.361+/-0.187 χ^2/NDF: 251918.1/47

dit_atr1_11X12X_slope vs Slug



Right In: -31.219+/-0.033 χ^2/NDF: 114784.7/20

Left Out: -19.926+/-0.012 χ^2/NDF:374900.2/24

Right Out: -30.337+/-0.031 χ^2/NDF: 456226.7/24

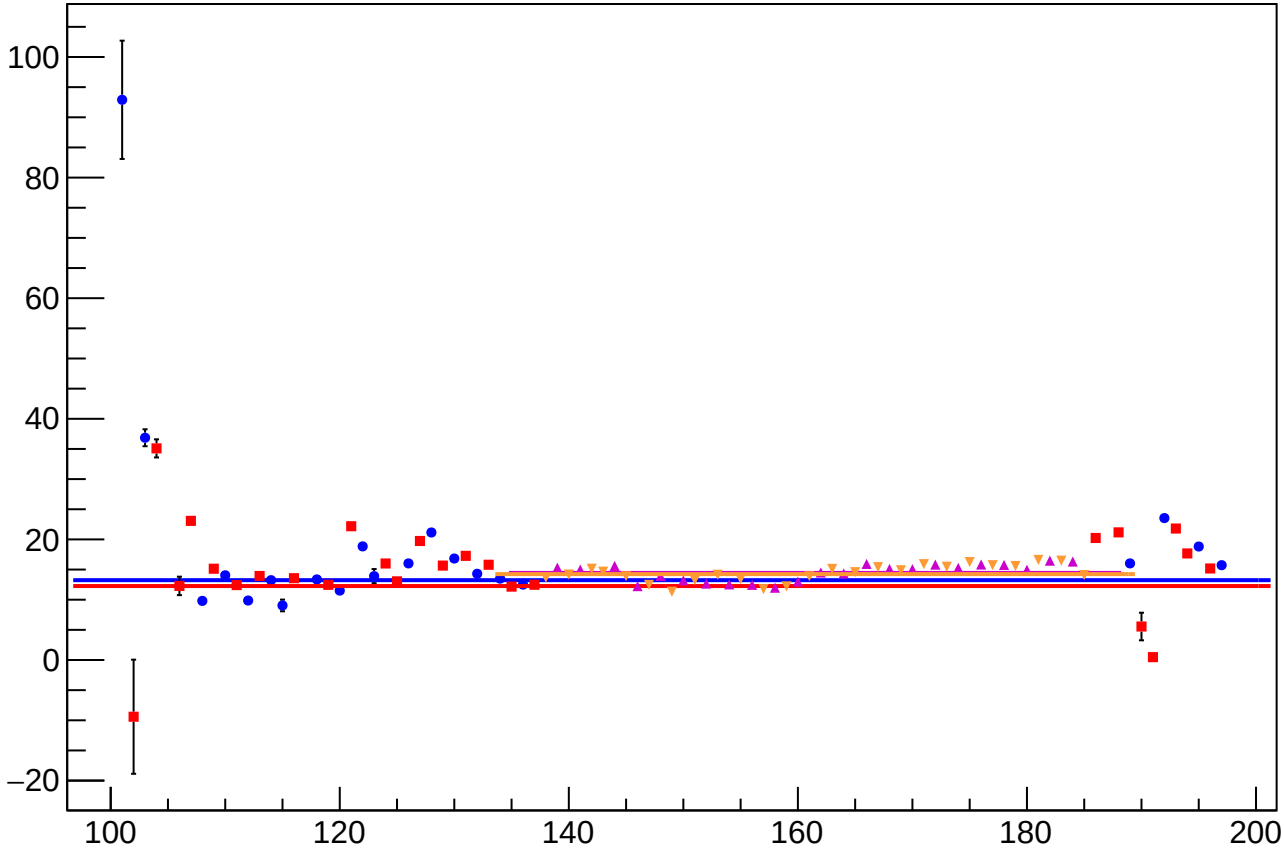
Left In: -19.047+/-0.014 χ^2/NDF:214747.8/22

+ sign -21.273+/-0.012 χ^2/NDF: 590862.3/45

All: -21.144+/-0.009 χ^2/NDF: 1374694.5/93

- sign -20.987+/-0.013 χ^2/NDF: 783553.9/47

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF: 7958.8/20

Left Out: 14.245+/-0.012 χ^2/NDF:12367.6/24

Right Out: 12.264+/-0.040 χ^2/NDF: 24637.0/24

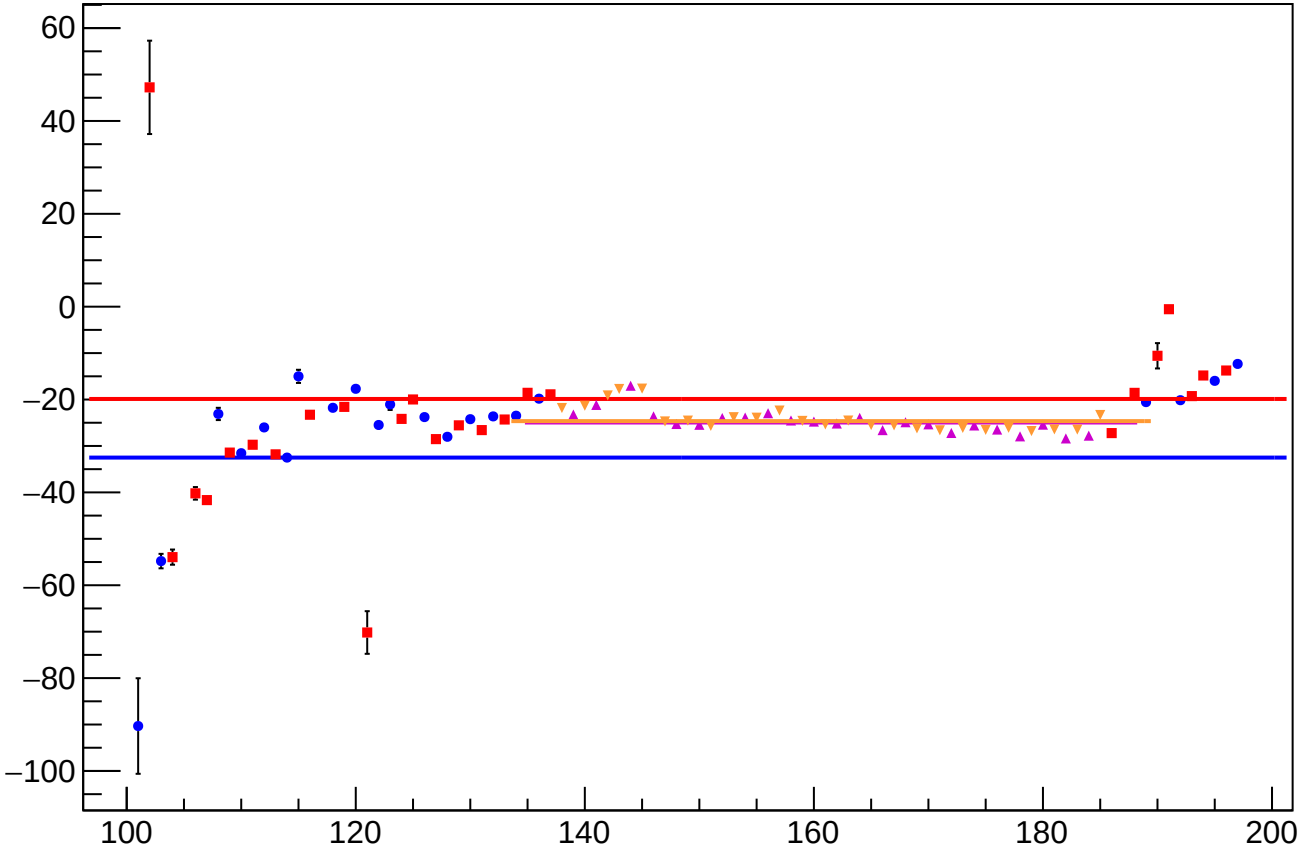
Left In: 14.441+/-0.012 χ^2/NDF:12955.9/22

+ sign 13.238+/-0.000 χ^2/NDF: 27396.0/45

All: 13.238+/-0.000 χ^2/NDF: 76261.5/93

- sign 14.267+/-0.011 χ^2/NDF: 40382.9/47

dit_atr1_4eY_slope vs Slug



Right In: -32.504+/-0.000 χ^2/NDF: 86133.9/20

Left Out: -24.652+/-0.015 χ^2/NDF:23058.0/24

Right Out: -19.877+/-0.041 χ^2/NDF: 60403.6/24

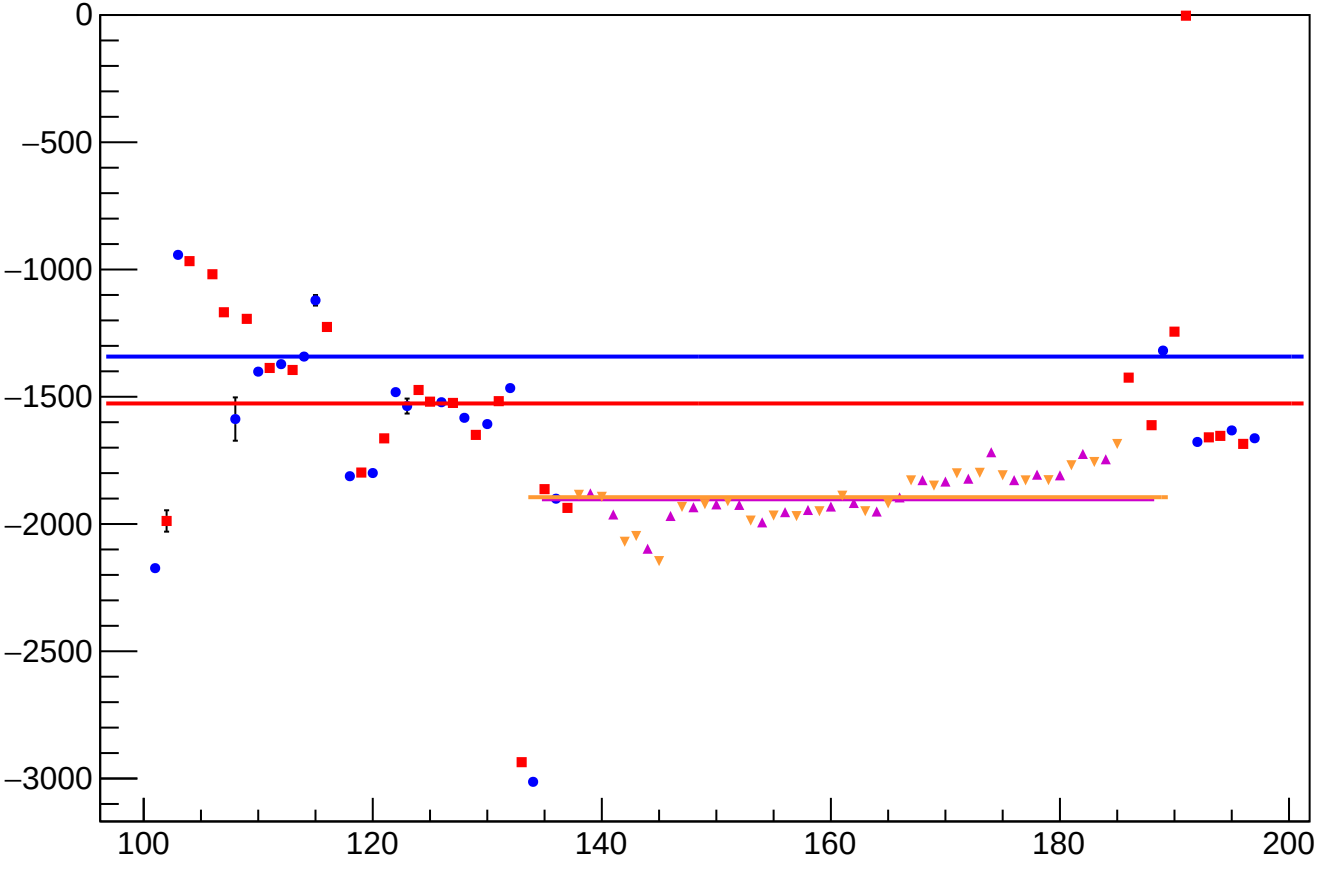
Left In: -24.948+/-0.015 χ^2/NDF:14049.6/22

+ sign -32.504+/-0.000 χ^2/NDF: 384521.9/45

All: -32.504+/-0.000 χ^2/NDF: 803111.2/93

- sign -24.329+/-0.014 χ^2/NDF: 88079.3/47

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF: 613963.6/20

Left Out: -1894.646+/-0.318 χ^2/NDF:67387.8/24

Right Out: -1526.310+/-0.270 χ^2/NDF: 1923845.2/24

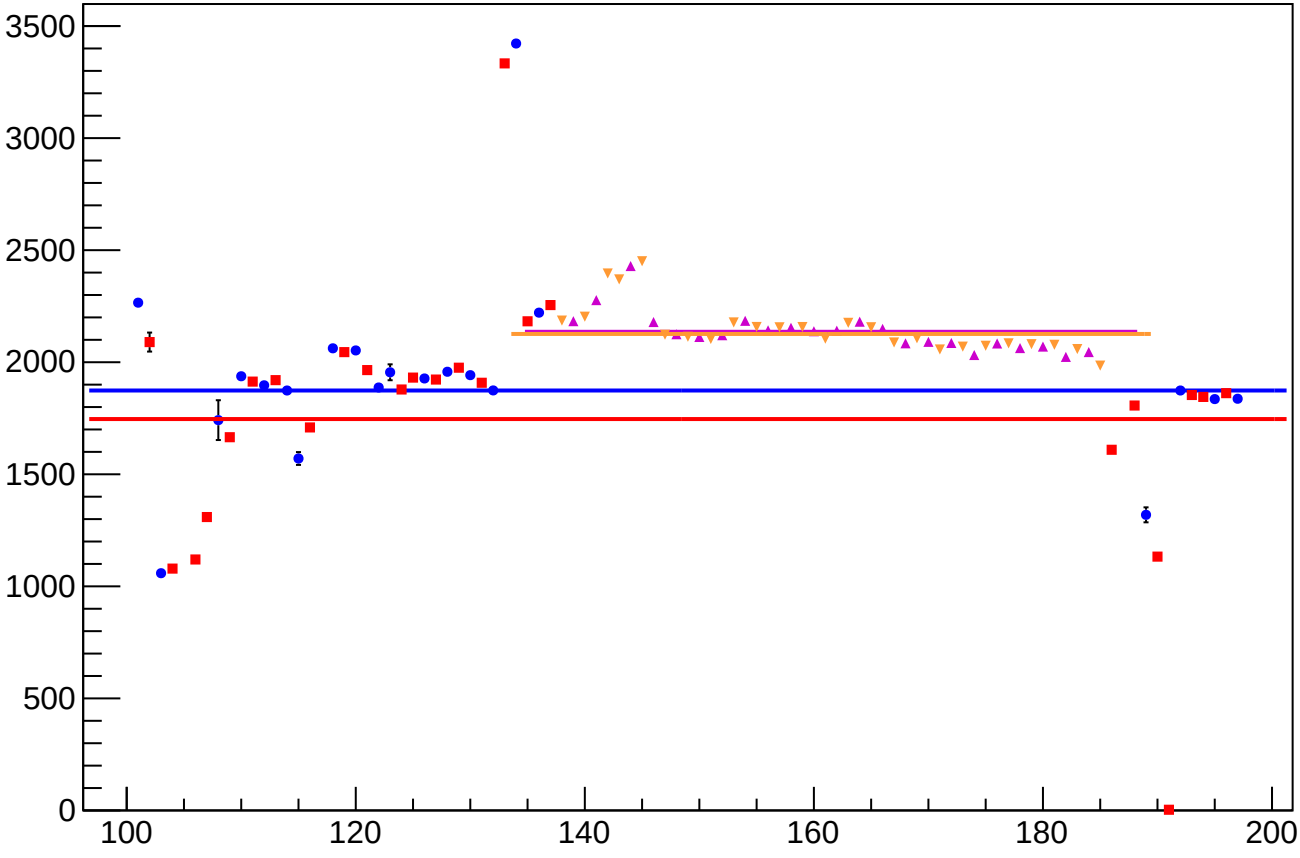
Left In: -1902.803+/-0.289 χ^2/NDF:69208.9/22

+ sign -1342.107+/-0.000 χ^2/NDF: 3704647.7/45

All: -1342.107+/-0.000 χ^2/NDF: 9934119.2/9

- sign -1701.745+/-0.197 χ^2/NDF: 2900821.8/47

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF: 202999.8/20

Left Out: 2126.160+/-0.317 χ^2/NDF:48244.0/24

Right Out: 1746.454+/-0.271 χ^2/NDF: 3316071.8/24

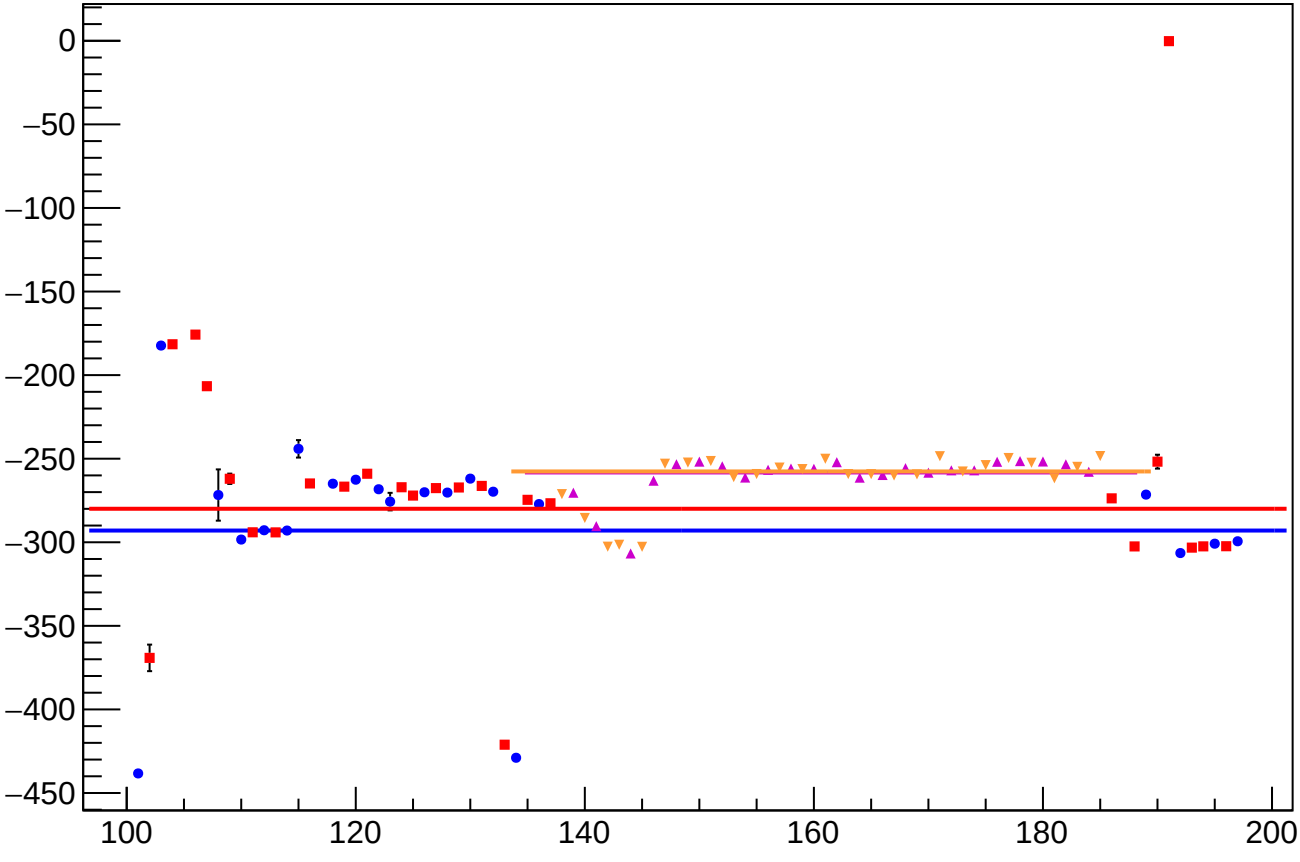
Left In: 2135.770+/-0.290 χ^2/NDF:58031.3/22

+ sign 1873.852+/-0.000 χ^2/NDF: 883611.5/45

All: 1873.852+/-0.000 χ^2/NDF: 5297118.3/93

- sign 1928.283+/-0.198 χ^2/NDF: 4337823.3/47

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF: 1054065.5/20

Left Out: -257.631+/-0.020 χ^2/NDF:226942.0/24

Right Out: -279.957+/-0.035 χ^2/NDF: 1929188.1/24

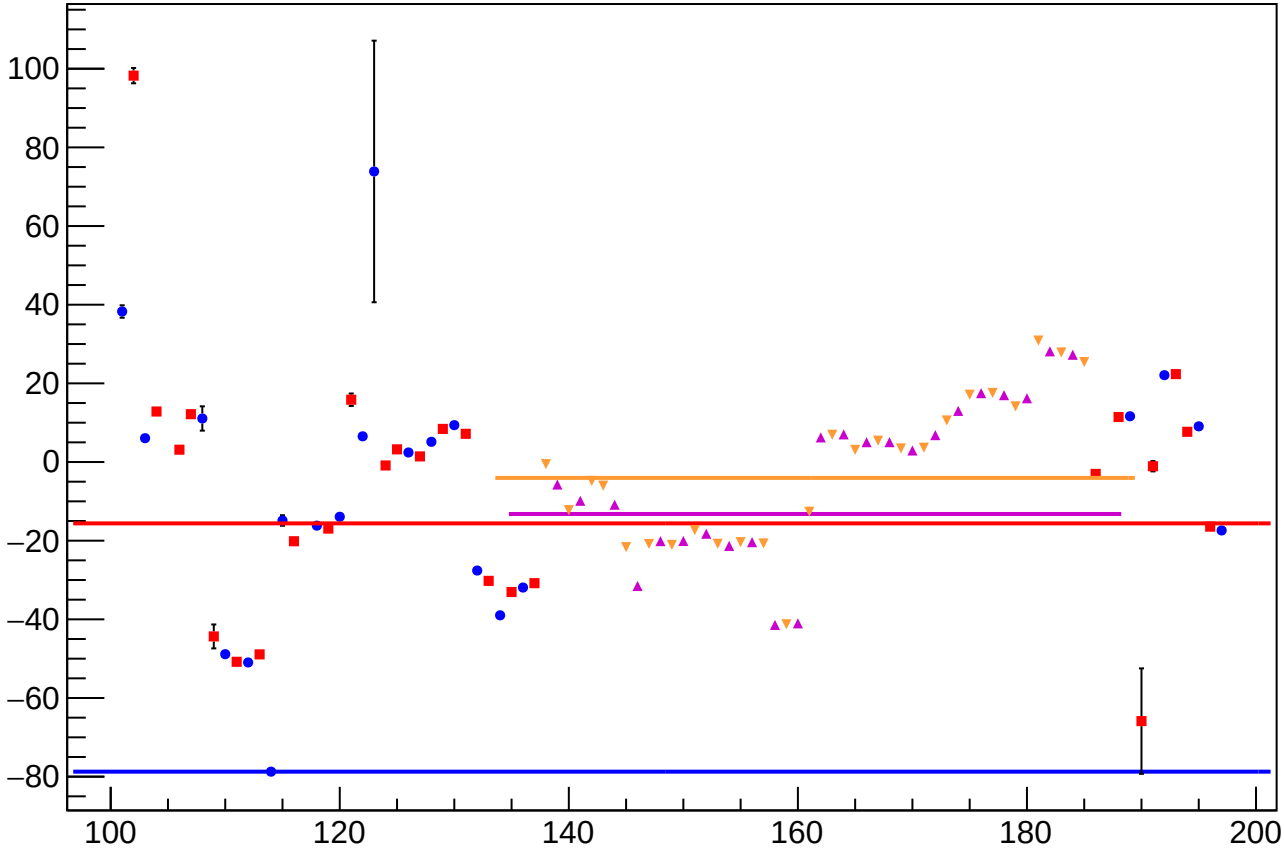
Left In: -258.240+/-0.017 χ^2/NDF:268186.3/22

+ sign -292.986+/-0.000 χ^2/NDF: 4450993.3/45

All: -292.986+/-0.000 χ^2/NDF: 10730850.3/9

- sign -262.510+/-0.016 χ^2/NDF: 2500507.5/47

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF: 1608960.9/20

Left Out: -4.036+/-0.017 χ^2/NDF:1369619.3/24

Right Out: -15.598+/-0.066 χ^2/NDF: 99117.3/24

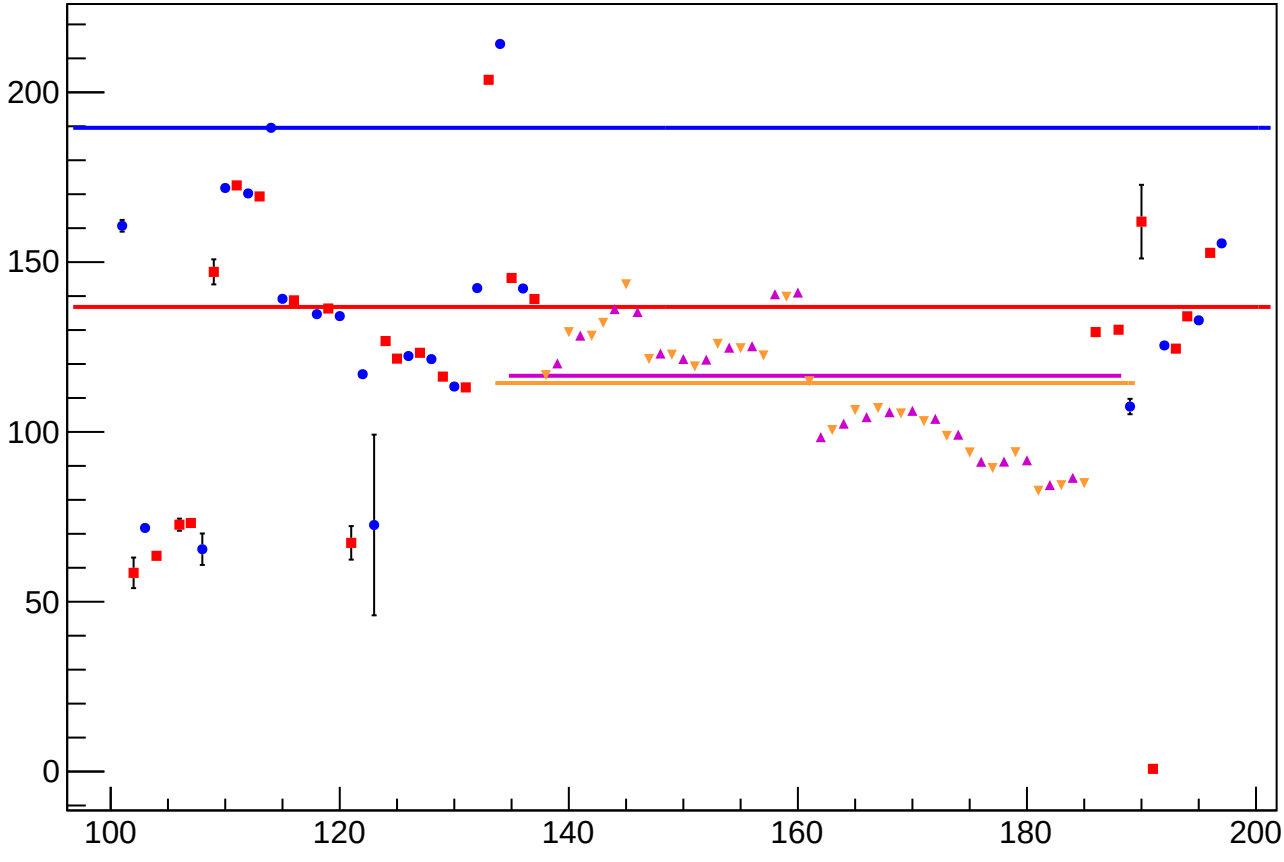
Left In: -13.213+/-0.017 χ^2/NDF:1356033.4/22

+ sign -78.728+/-0.000 χ^2/NDF: 22119273.8/45

All: -78.728+/-0.000 χ^2/NDF: 39498956.2/93

- sign -13.362+/-0.016 χ^2/NDF: 1456393.1/47

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF: 1018276.3/20

Left Out: 114.395+/-0.023 χ^2/NDF:434871.2/24

Right Out: 136.808+/-0.056 χ^2/NDF: 128401.1/24

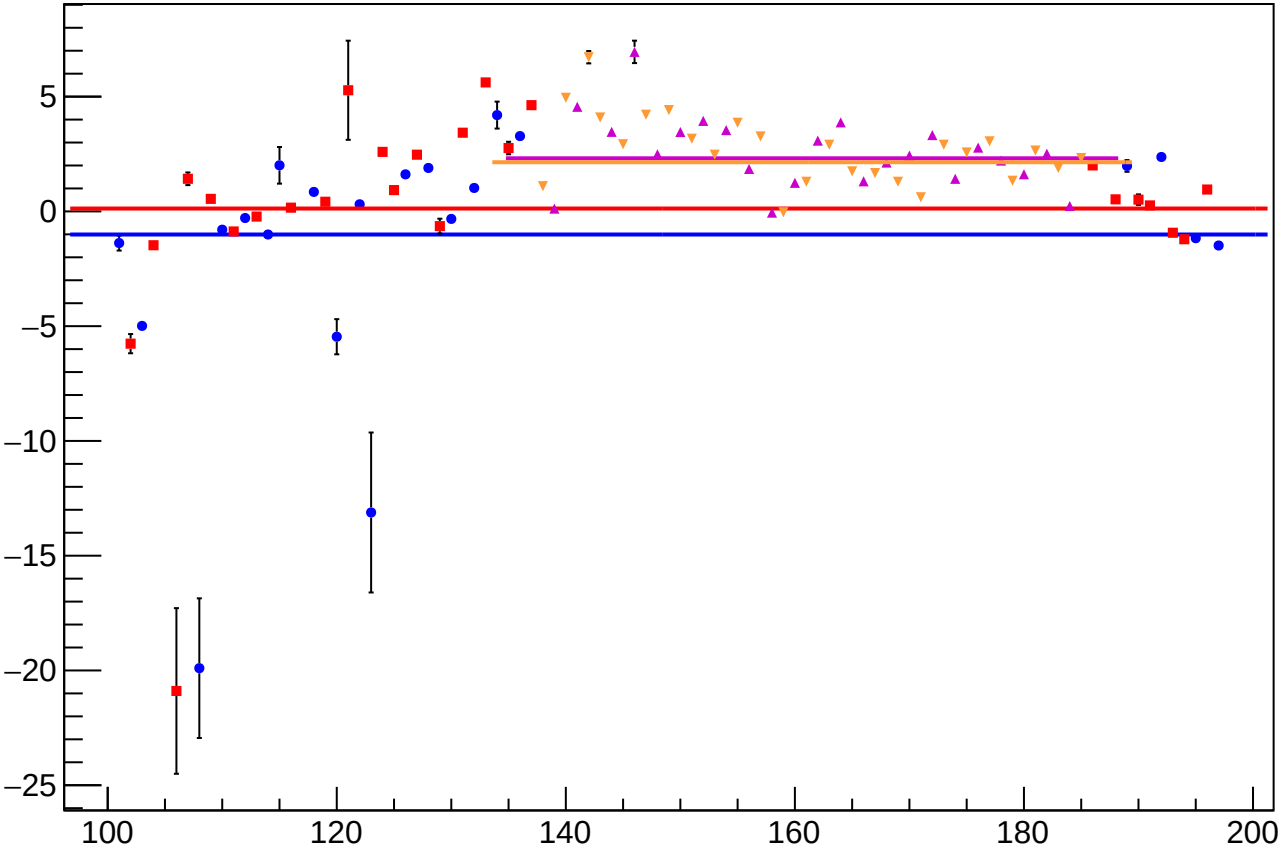
Left In: 116.538+/-0.024 χ^2/NDF:458128.6/22

+ sign 189.551+/-0.000 χ^2/NDF: 12539403.5/45

All: 189.551+/-0.000 χ^2/NDF: 23567315.3/93

- sign 119.575+/-0.022 χ^2/NDF: 696978.4/47

dit_sam1_4aX_slope vs Slug



Right In: -1.007+/-0.000 χ^2/NDF: 7923.3/20

Left Out: 2.143+/-0.015 χ^2/NDF:6585.0/24

Right Out: 0.125+/-0.014 χ^2/NDF: 5582.1/24

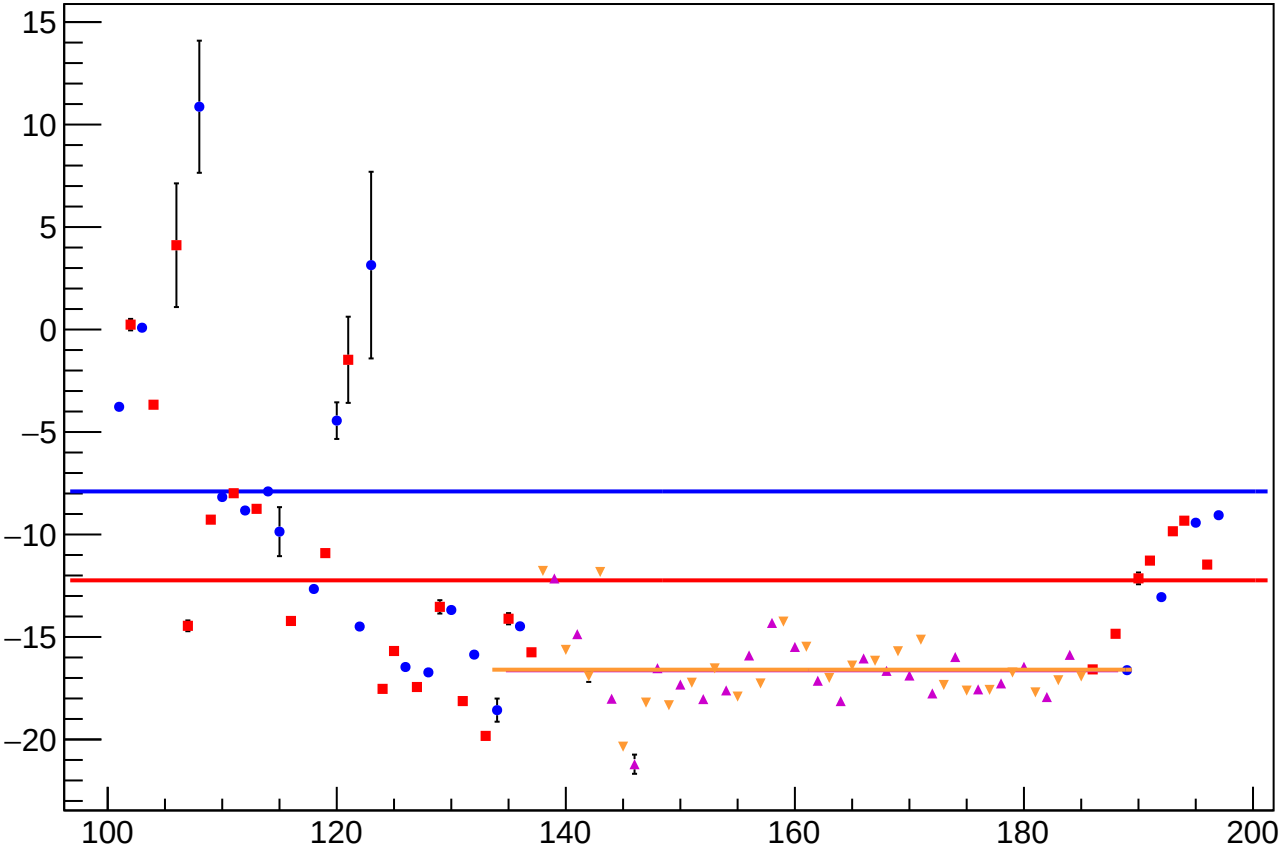
Left In: 2.313+/-0.014 χ^2/NDF:7446.3/22

+ sign -1.007+/-0.000 χ^2/NDF: 60729.7/45

All: -1.007+/-0.000 χ^2/NDF: 135800.7/93

- sign 1.232+/-0.010 χ^2/NDF: 24981.3/47

dit_sam1_4eX_slope vs Slug



Right In: -7.899+/-0.000 χ^2/NDF: 46201.8/20

Left Out: -16.595+/-0.014 χ^2/NDF:8432.7/24

Right Out: -12.237+/-0.017 χ^2/NDF: 34281.9/24

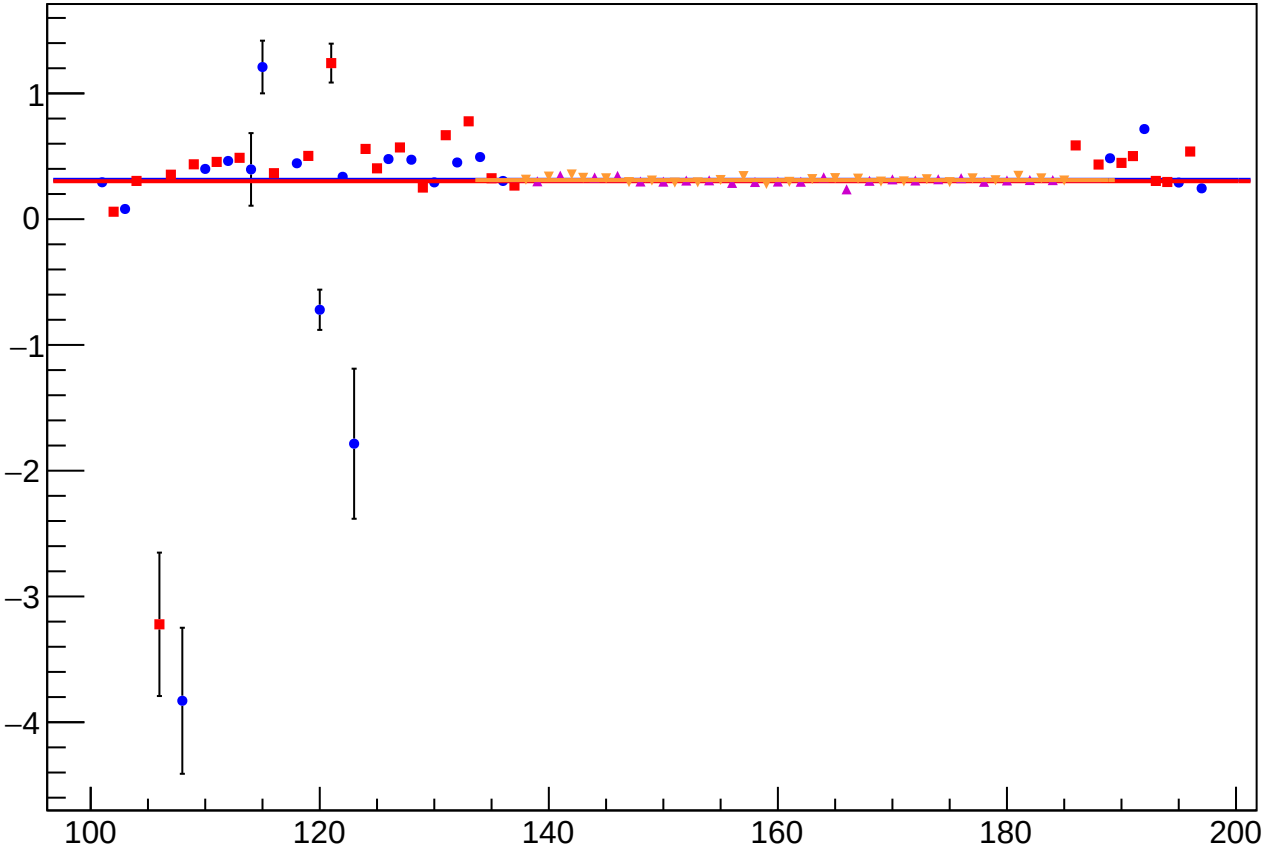
Left In: -16.625+/-0.015 χ^2/NDF:6289.5/22

+ sign -7.899+/-0.000 χ^2/NDF: 420480.0/45

All: -7.899+/-0.000 χ^2/NDF: 879996.2/93

- sign -14.732+/-0.011 χ^2/NDF: 79045.9/47

dit_sam1_11X12X_slope vs Slug



Right In: 0.313+/-0.001 χ^2/NDF: 3329.3/20

Left Out: 0.311+/-0.000 χ^2/NDF:4975.7/24

Right Out: 0.302+/-0.001 χ^2/NDF: 7230.6/24

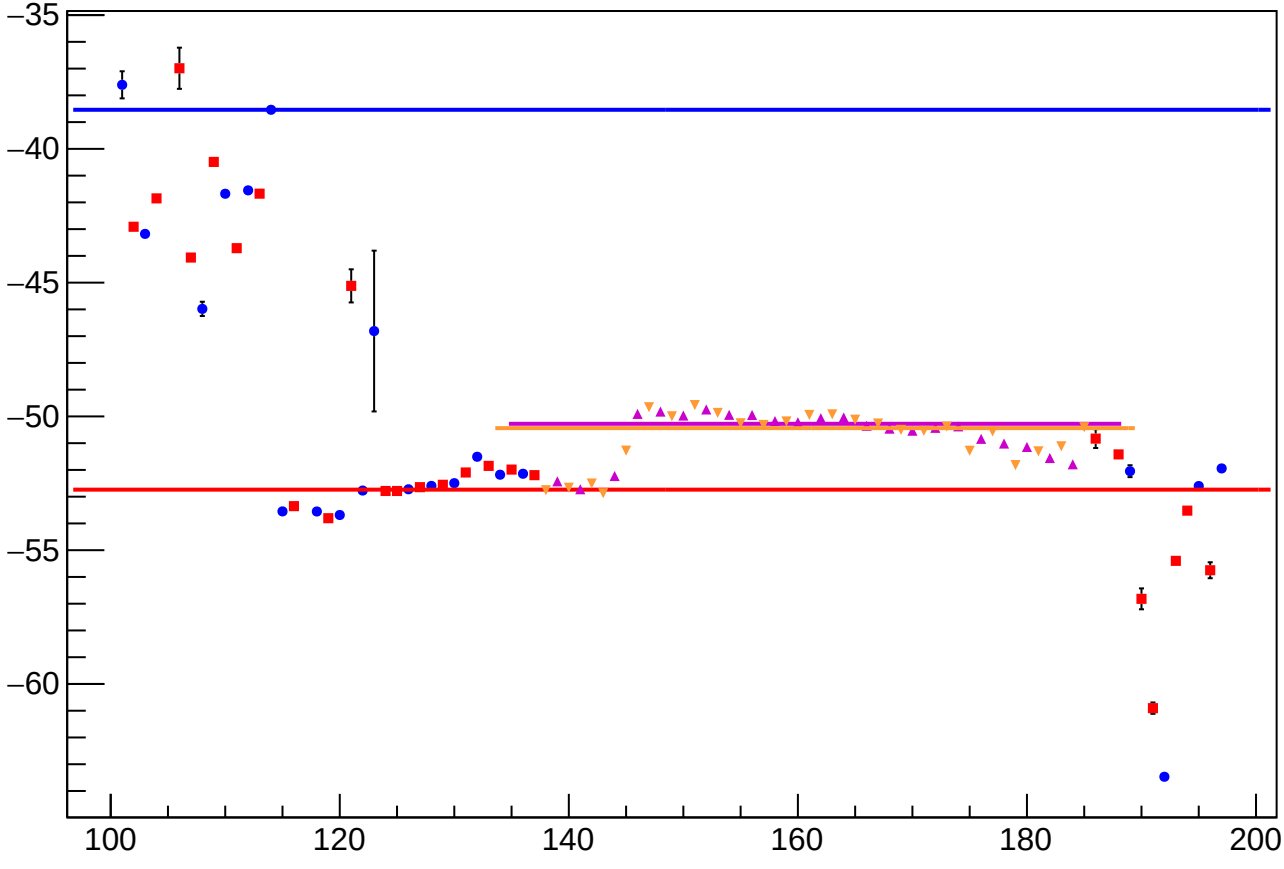
Left In: 0.310+/-0.000 χ^2/NDF:3074.6/22

+ sign 0.311+/-0.000 χ^2/NDF: 8310.5/45

All: 0.310+/-0.000 χ^2/NDF: 18728.4/93

- sign 0.309+/-0.000 χ^2/NDF: 10394.5/47

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF: 15049415.5/20

Left Out: -50.438+/-0.001 χ^2/NDF:299897.3/24

Right Out: -52.737+/-0.002 χ^2/NDF: 84032.4/24

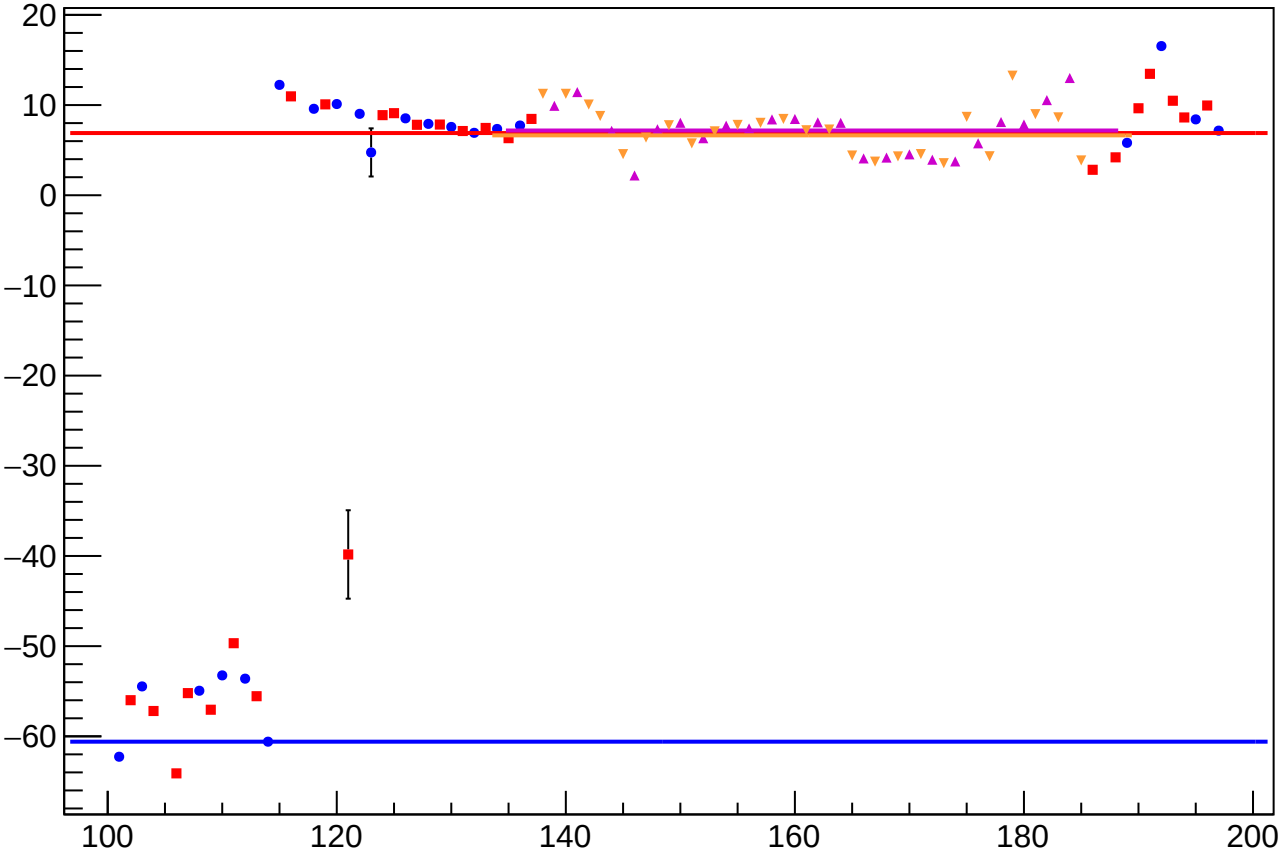
Left In: -50.276+/-0.001 χ^2/NDF:190236.3/22

+ sign -38.539+/-0.000 χ^2/NDF: 90928642.0/45

All: -38.539+/-0.000 χ^2/NDF: 236366097.5/9

- sign -51.033+/-0.001 χ^2/NDF: 1464457.9/47

dit_sam1_4eY_slope vs Slug



Right In: -60.594+/-0.000 χ^2/NDF: 28538219.1/20

Left Out: 6.641+/-0.004 χ^2/NDF:340462.4/24

Right Out: 6.897+/-0.011 χ^2/NDF: 1163338.9/24

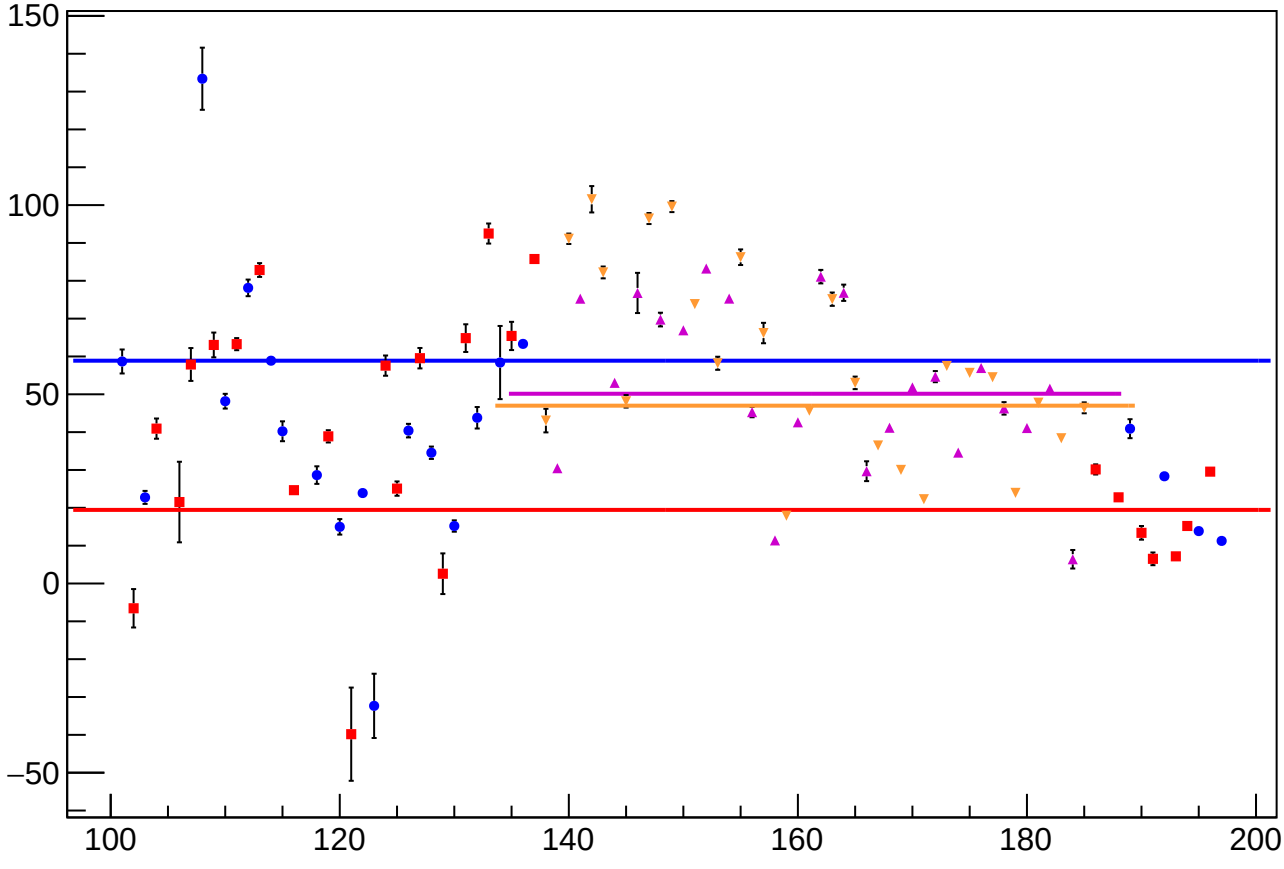
Left In: 7.179+/-0.003 χ^2/NDF:214127.6/22

+ sign -60.594+/-0.000 χ^2/NDF: 362943809.6/45

All: -60.594+/-0.000 χ^2/NDF: 788740355.5/9

- sign 7.152+/-0.003 χ^2/NDF: 1378107.7/47

dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF: 23272.8/20

Left Out: 46.995+/-0.215 χ^2/NDF:9203.7/24

Right Out: 19.451+/-0.167 χ^2/NDF: 10691.3/24

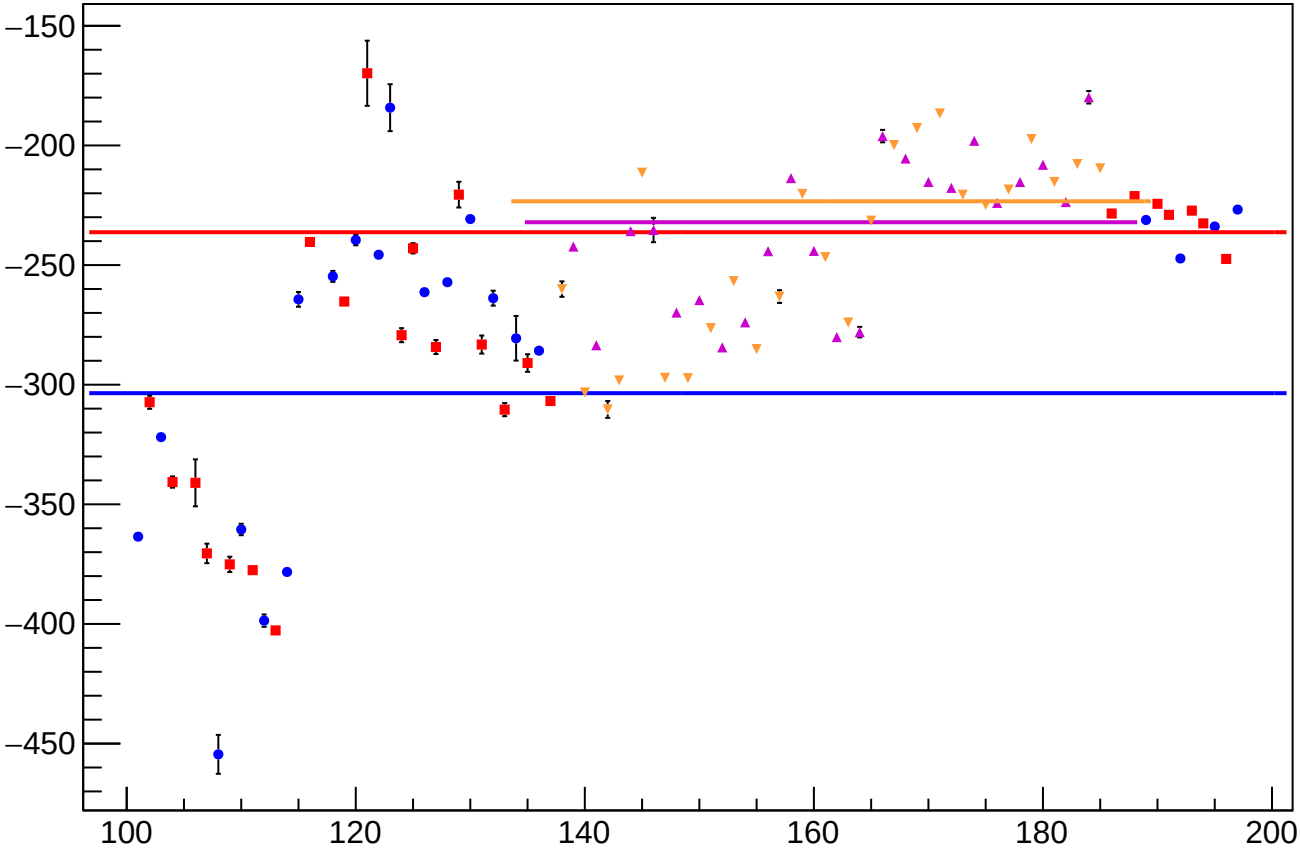
Left In: 50.144+/-0.212 χ^2/NDF:6667.7/22

+ sign 58.880+/-0.000 χ^2/NDF: 35533.1/45

All: 58.880+/-0.000 χ^2/NDF: 110559.7/93

- sign 31.209+/-0.131 χ^2/NDF: 30349.9/47

dit_sam2_4eX_slope vs Slug



Right In: -303.540+/-0.189 χ^2/NDF: 134444.1/20

Left Out: -223.342+/-0.215 χ^2/NDF:22293.9/24

Right Out: -236.263+/-0.150 χ^2/NDF: 28343.9/24

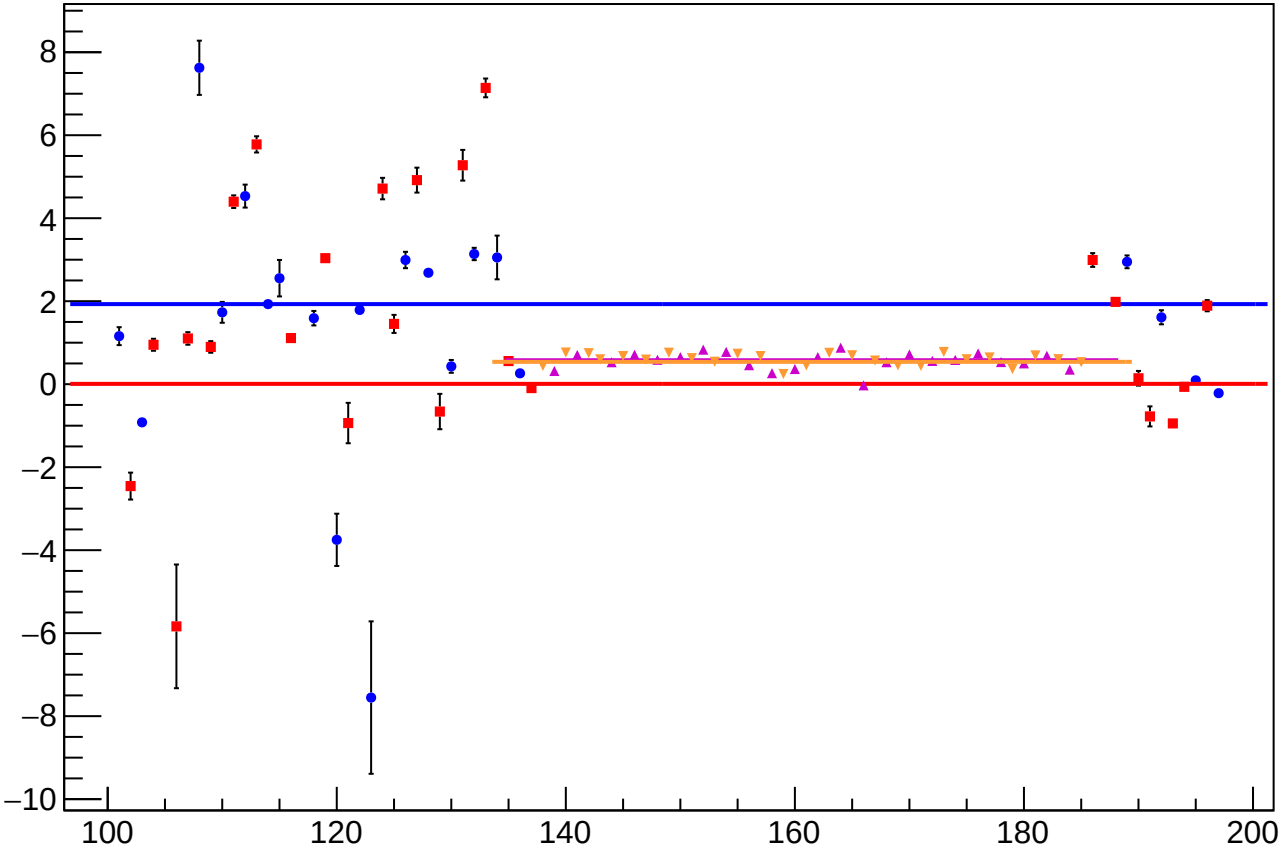
Left In: -232.094+/-0.217 χ^2/NDF:17468.1/22

+ sign -268.654+/-0.142 χ^2/NDF: 235038.8/45

All: -249.442+/-0.093 χ^2/NDF: 313204.4/93

- sign -234.916+/-0.124 χ^2/NDF: 46060.8/47

dit_sam2_11X12X_slope vs Slug



Right In: 1.930+/-0.000 χ^2/NDF: 63866.8/20

Left Out: 0.539+/-0.002 χ^2/NDF:10792.6/24

Right Out: 0.008+/-0.004 χ^2/NDF: 10776.2/24

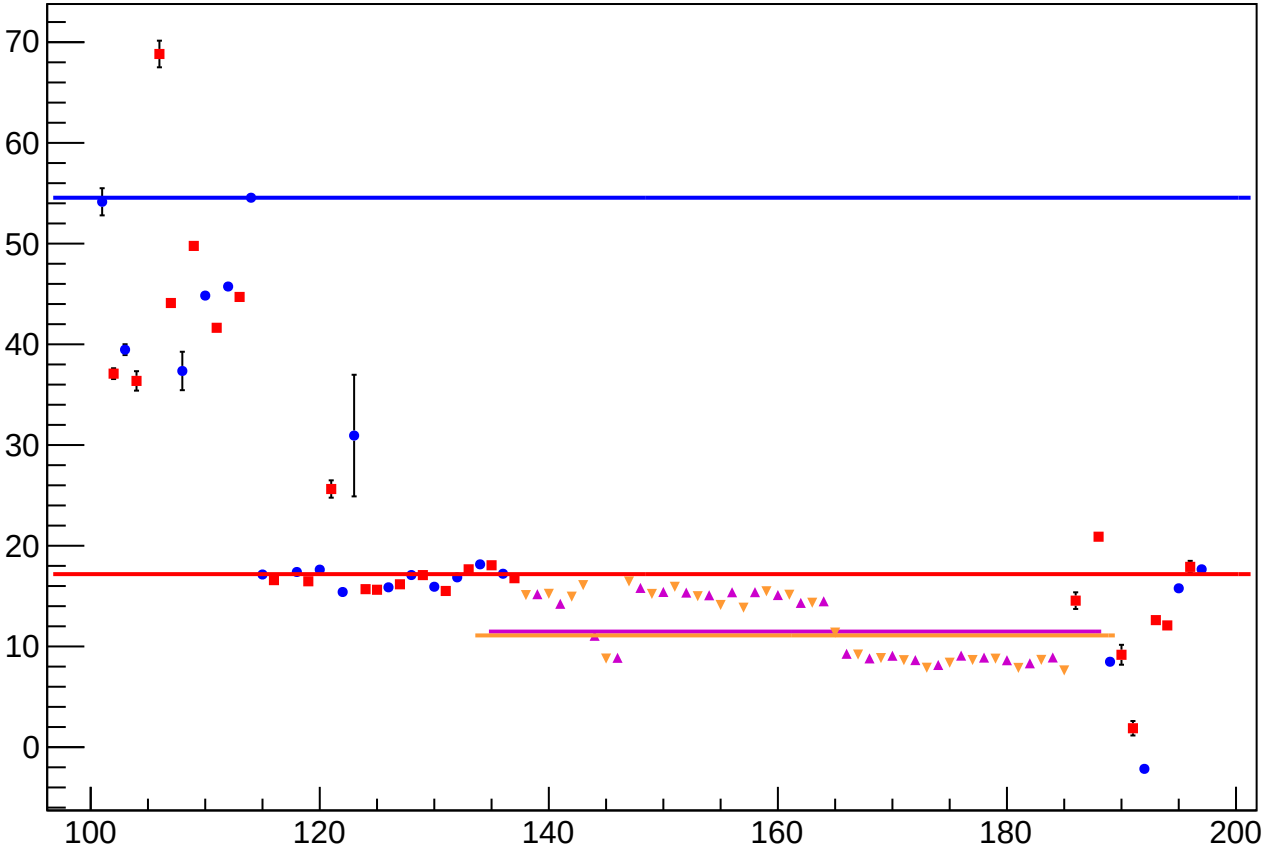
Left In: 0.577+/-0.001 χ^2/NDF:15533.6/22

+ sign 1.930+/-0.000 χ^2/NDF: 765943.4/45

All: 1.930+/-0.000 χ^2/NDF: 1859910.2/93

- sign 0.519+/-0.001 χ^2/NDF: 41955.6/47

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF: 9946152.2/20

Left Out: 11.095+/-0.005 χ^2/NDF:381518.3/24

Right Out: 17.182+/-0.018 χ^2/NDF: 62474.6/24

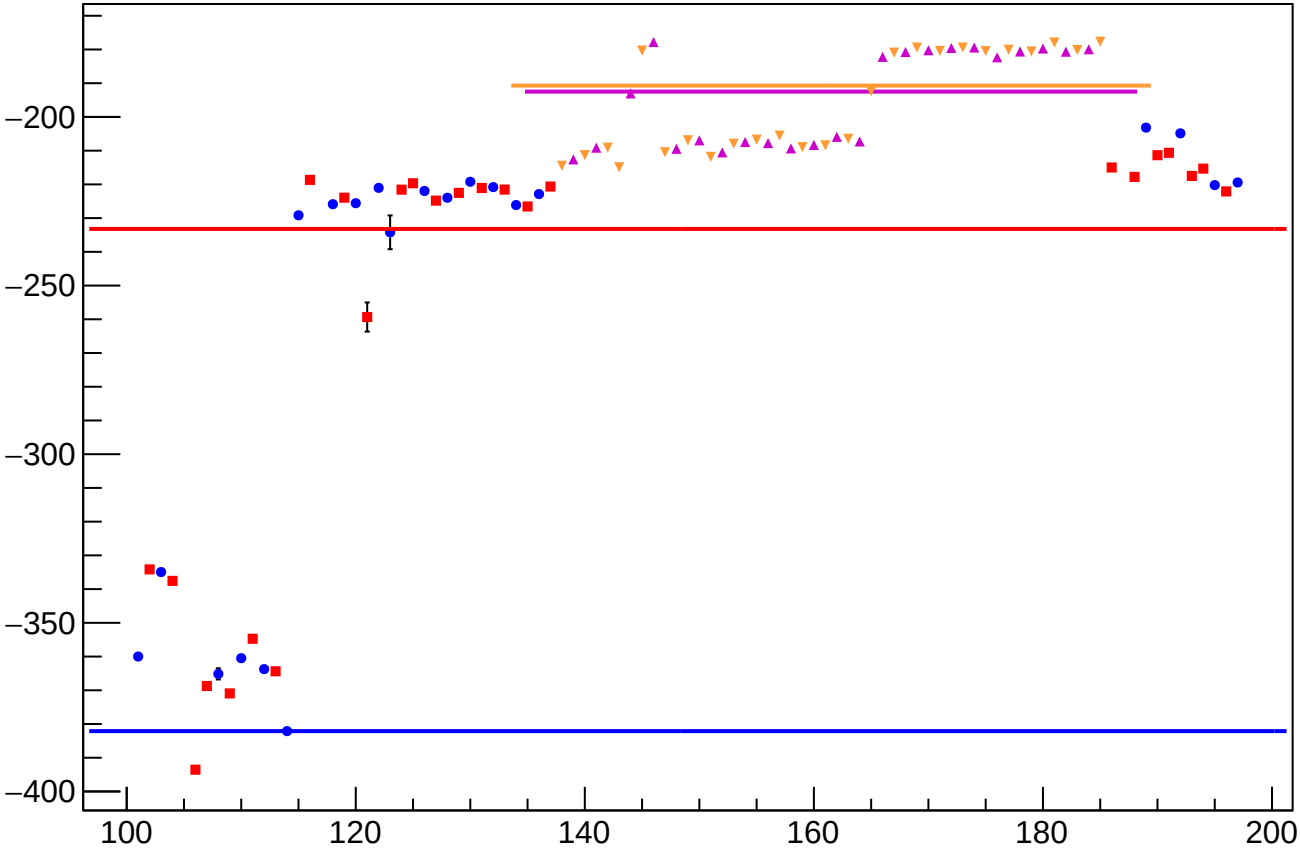
Left In: 11.477+/-0.005 χ^2/NDF:381285.2/22

+ sign 54.556+/-0.000 χ^2/NDF: 76152950.9/45

All: 54.556+/-0.000 χ^2/NDF: 148816630.9/93

- sign 11.917+/-0.005 χ^2/NDF: 535647.8/47

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF: 19497846.9/20

Left Out: -190.703+/-0.011 χ^2/NDF:1602184.8/24

Right Out: -233.207+/-0.047 χ^2/NDF: 655252.4/24

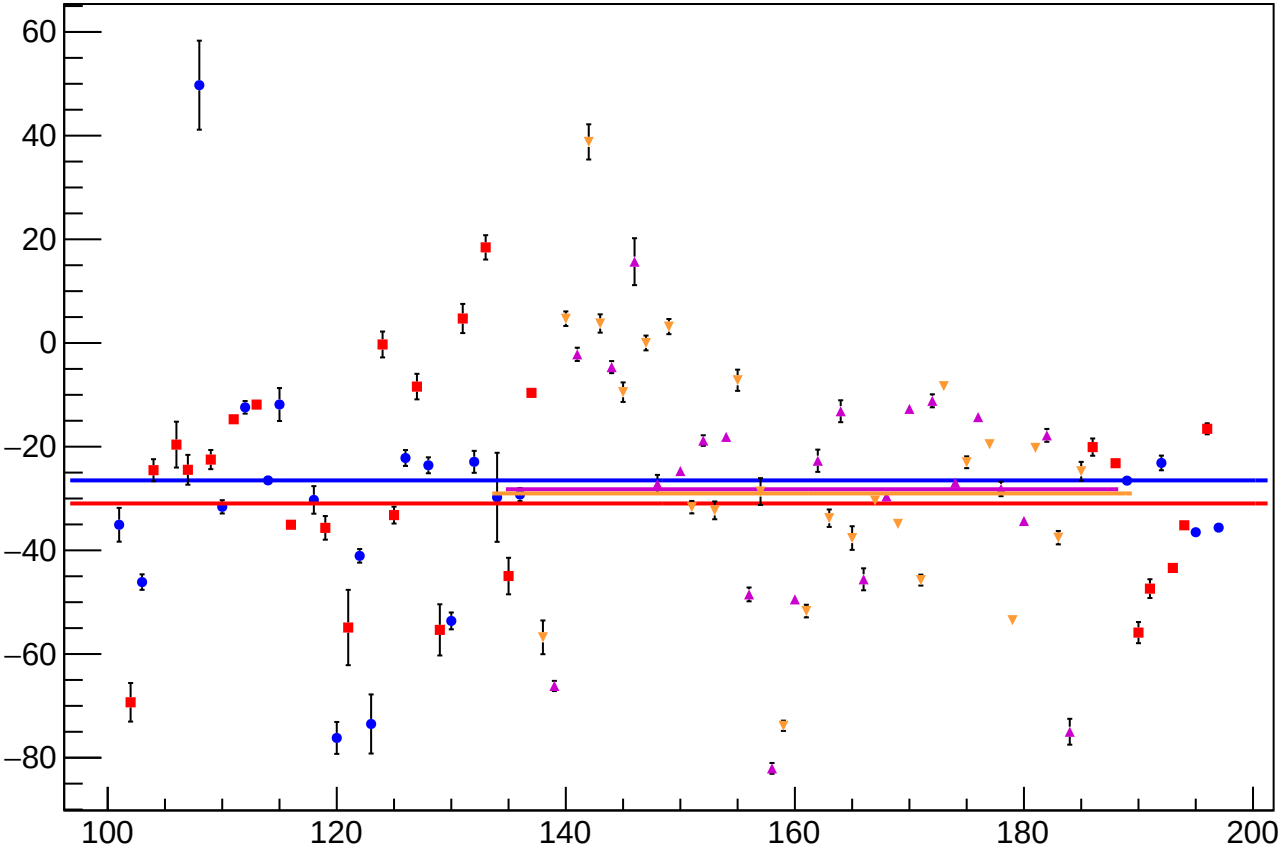
Left In: -192.488+/-0.011 χ^2/NDF:1500910.9/22

+ sign -382.108+/-0.000 χ^2/NDF: 315436677.3/45

All: -382.108+/-0.000 χ^2/NDF: 604786178.6/

- sign -194.756+/-0.011 χ^2/NDF: 2868018.9/47

dit_sam3_4aX_slope vs Slug



Right In: -26.504+/-0.000 χ^2/NDF: 1731.9/20

Left Out: -29.022+/-0.235 χ^2/NDF:7110.5/24

Right Out: -30.956+/-0.173 χ^2/NDF: 4523.2/24

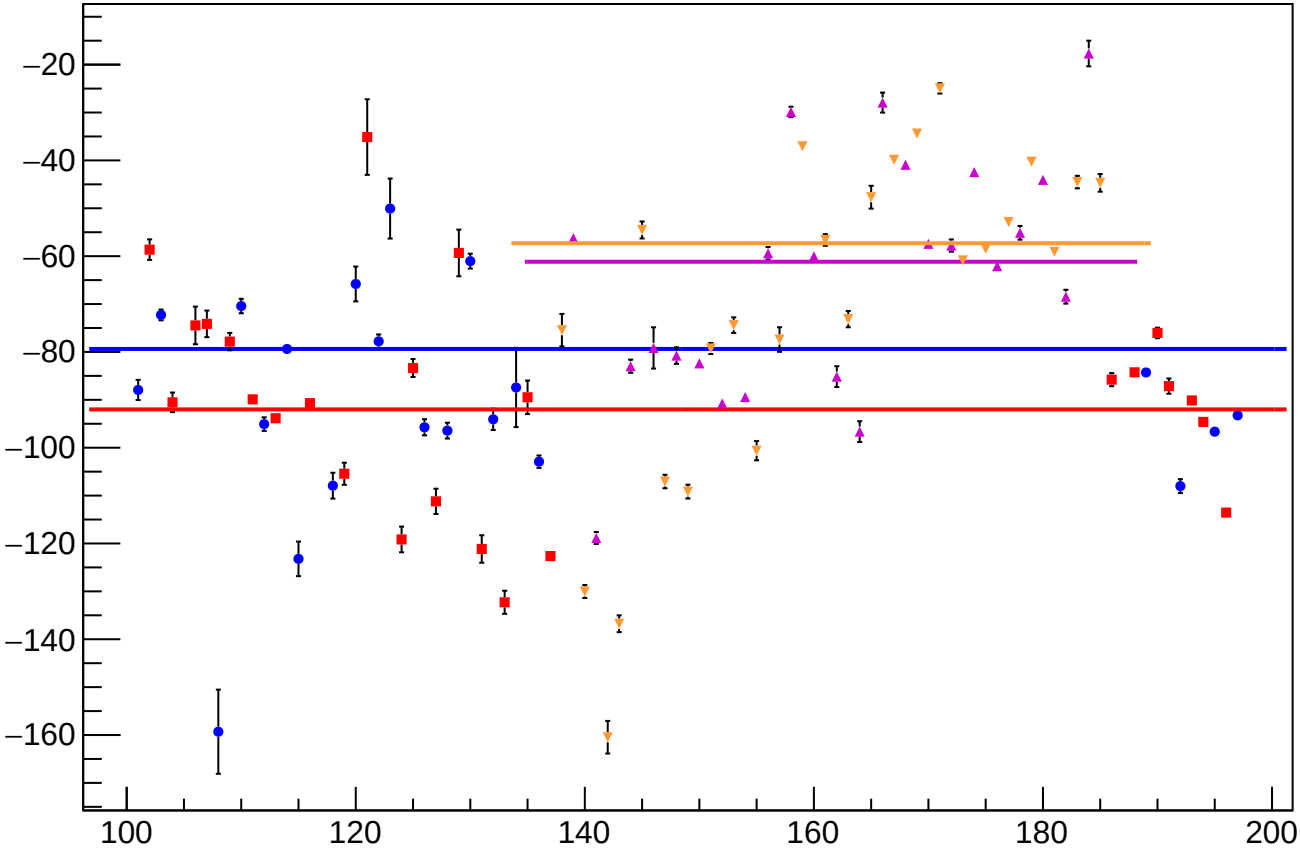
Left In: -28.215+/-0.215 χ^2/NDF:7786.5/22

+ sign -26.504+/-0.000 χ^2/NDF: 8957.4/45

All: -26.504+/-0.000 χ^2/NDF: 21995.1/93

- sign -29.878+/-0.135 χ^2/NDF: 12408.8/47

dit_sam3_4eX_slope vs Slug



Right In: -79.376+/-0.000 χ^2/NDF: 3485.5/20

Left Out: -57.300+/-0.229 χ^2/NDF:13067.7/24

Right Out: -91.998+/-0.147 χ^2/NDF: 3204.0/24

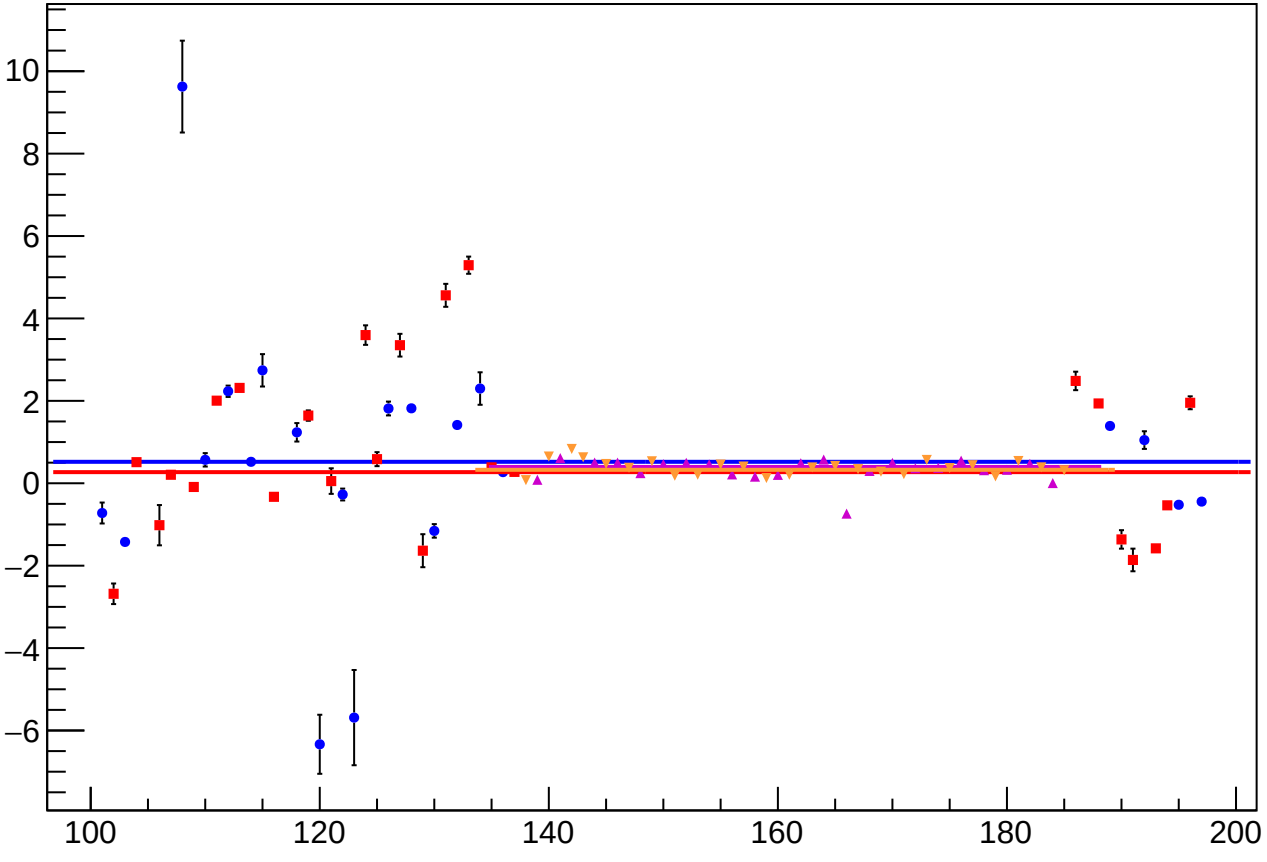
Left In: -61.164+/-0.218 χ^2/NDF:8941.7/22

+ sign -79.376+/-0.000 χ^2/NDF: 25830.9/45

All: -79.376+/-0.000 χ^2/NDF: 52378.8/93

- sign -82.357+/-0.122 χ^2/NDF: 25947.9/47

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF: 3954.5/20

Left Out: 0.326+/-0.002 χ^2/NDF:10419.3/24

Right Out: 0.270+/-0.010 χ^2/NDF: 5924.9/24

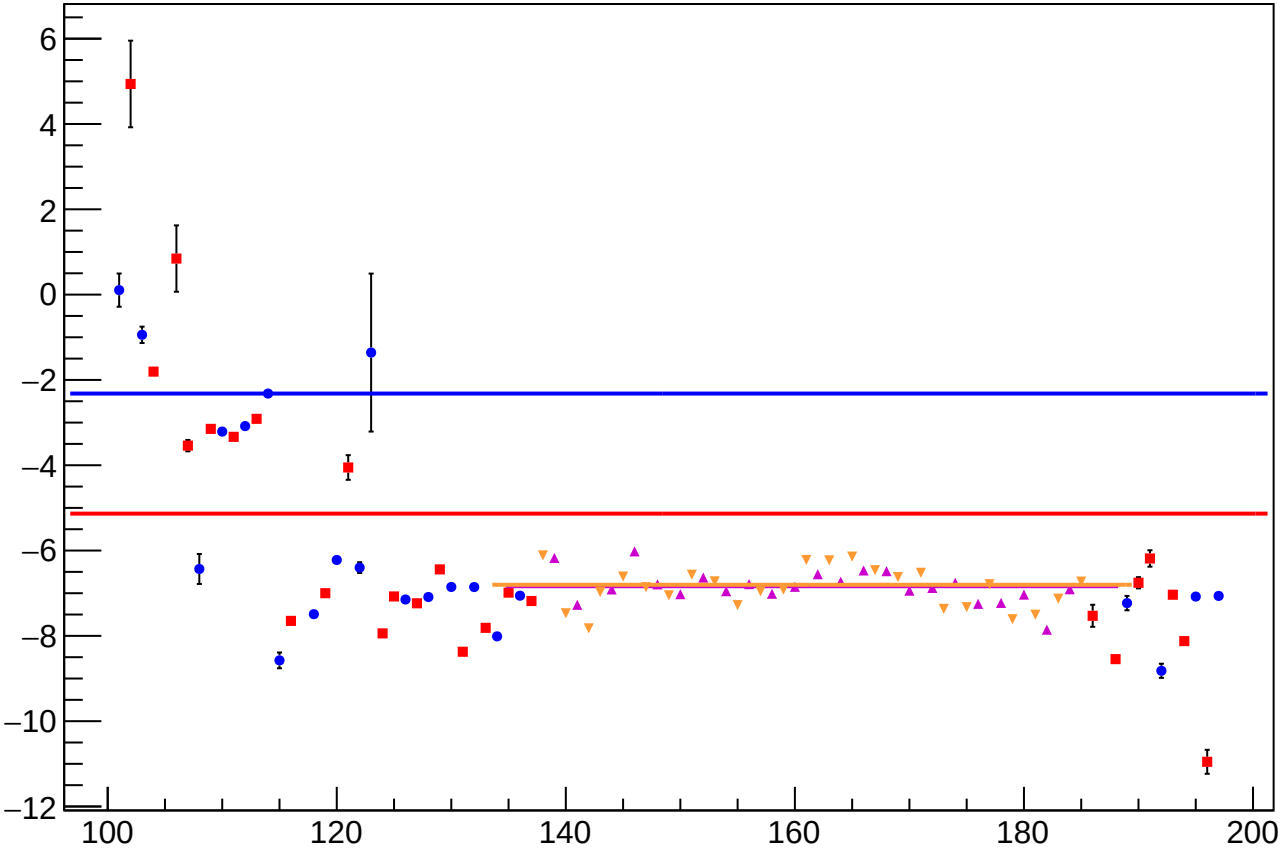
Left In: 0.396+/-0.001 χ^2/NDF:11392.0/22

+ sign 0.521+/-0.000 χ^2/NDF: 29127.0/45

All: 0.521+/-0.000 χ^2/NDF: 54564.3/93

- sign 0.393+/-0.001 χ^2/NDF: 17466.3/47

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF: 281969.3/20

Left Out: -6.802+/-0.002 χ^2/NDF:14918.8/24

Right Out: -5.134+/-0.010 χ^2/NDF: 53039.8/24

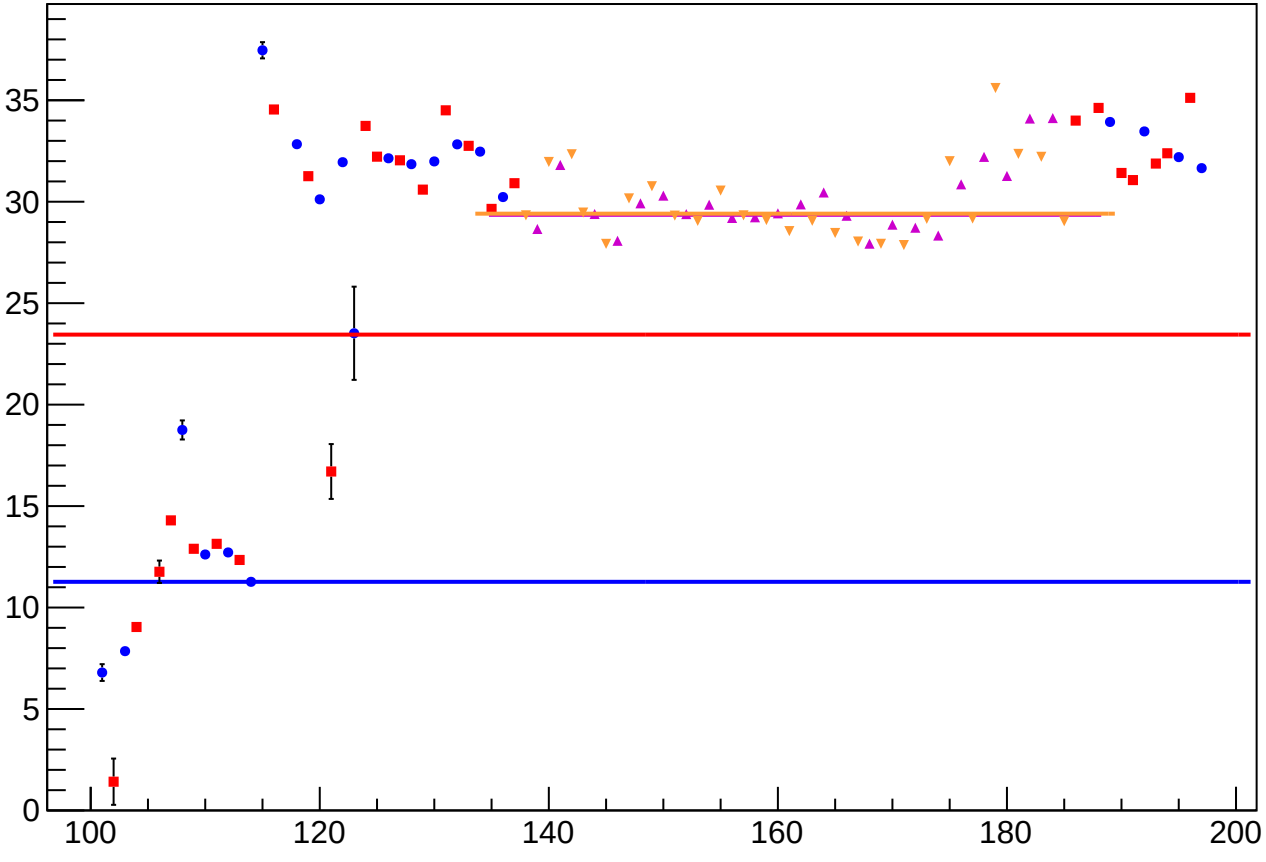
Left In: -6.836+/-0.002 χ^2/NDF:9245.1/22

+ sign -2.320+/-0.000 χ^2/NDF: 3544795.1/45

All: -2.320+/-0.000 χ^2/NDF: 7201991.4/93

- sign -6.738+/-0.002 χ^2/NDF: 90830.5/47

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2/NDF: 1171049.2/20

Left Out: 29.411+/-0.008 χ^2/NDF:44374.5/24

Right Out: 23.451+/-0.016 χ^2/NDF: 402173.3/24

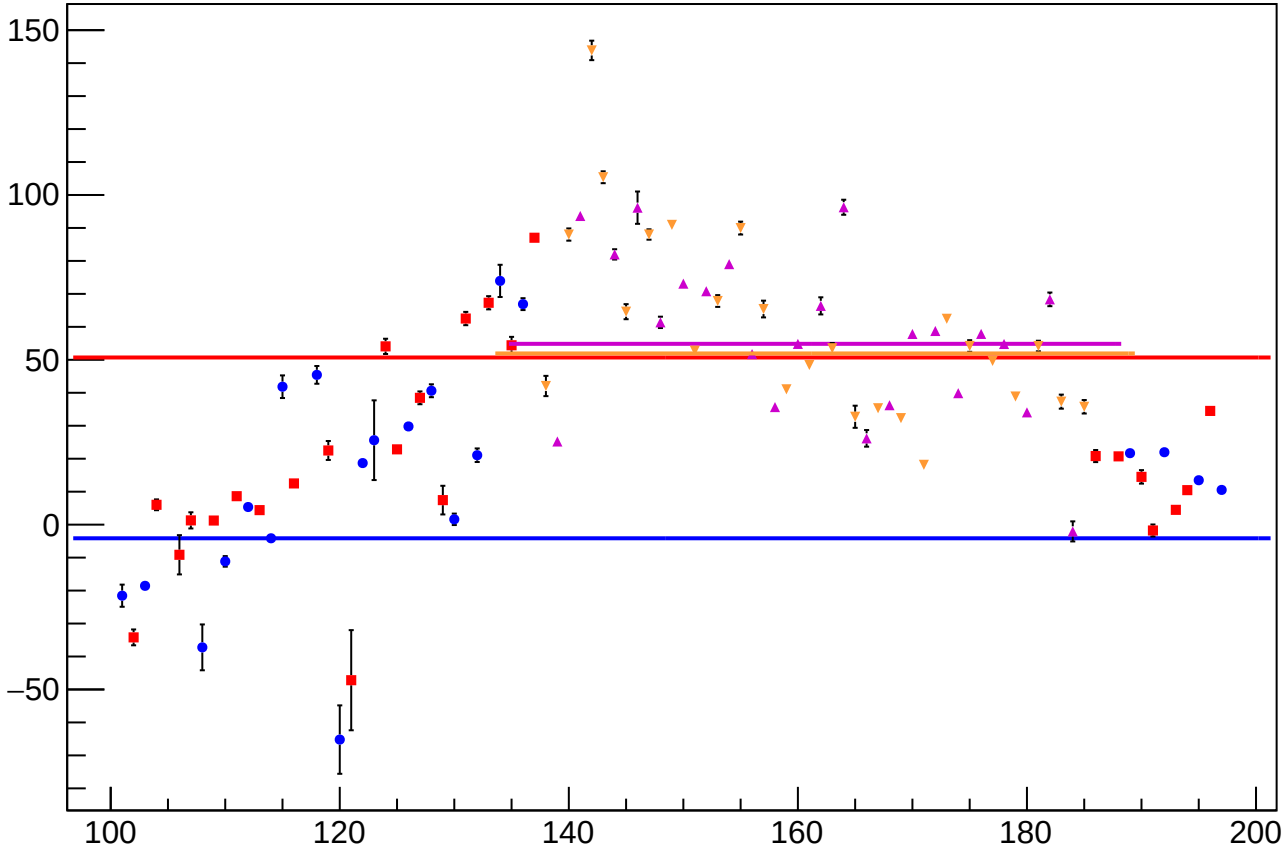
Left In: 29.354+/-0.008 χ^2/NDF:14741.7/22

+ sign 11.268+/-0.000 χ^2/NDF: 6130674.2/45

All: 11.268+/-0.000 χ^2/NDF: 12396528.3/93

- sign 28.193+/-0.007 χ^2/NDF: 527189.9/47

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2/NDF: 6466.0/20

Left Out: 51.931+/-0.276 χ^2/NDF:6225.4/24

Right Out: 50.706+/-0.159 χ^2/NDF: 57185.5/24

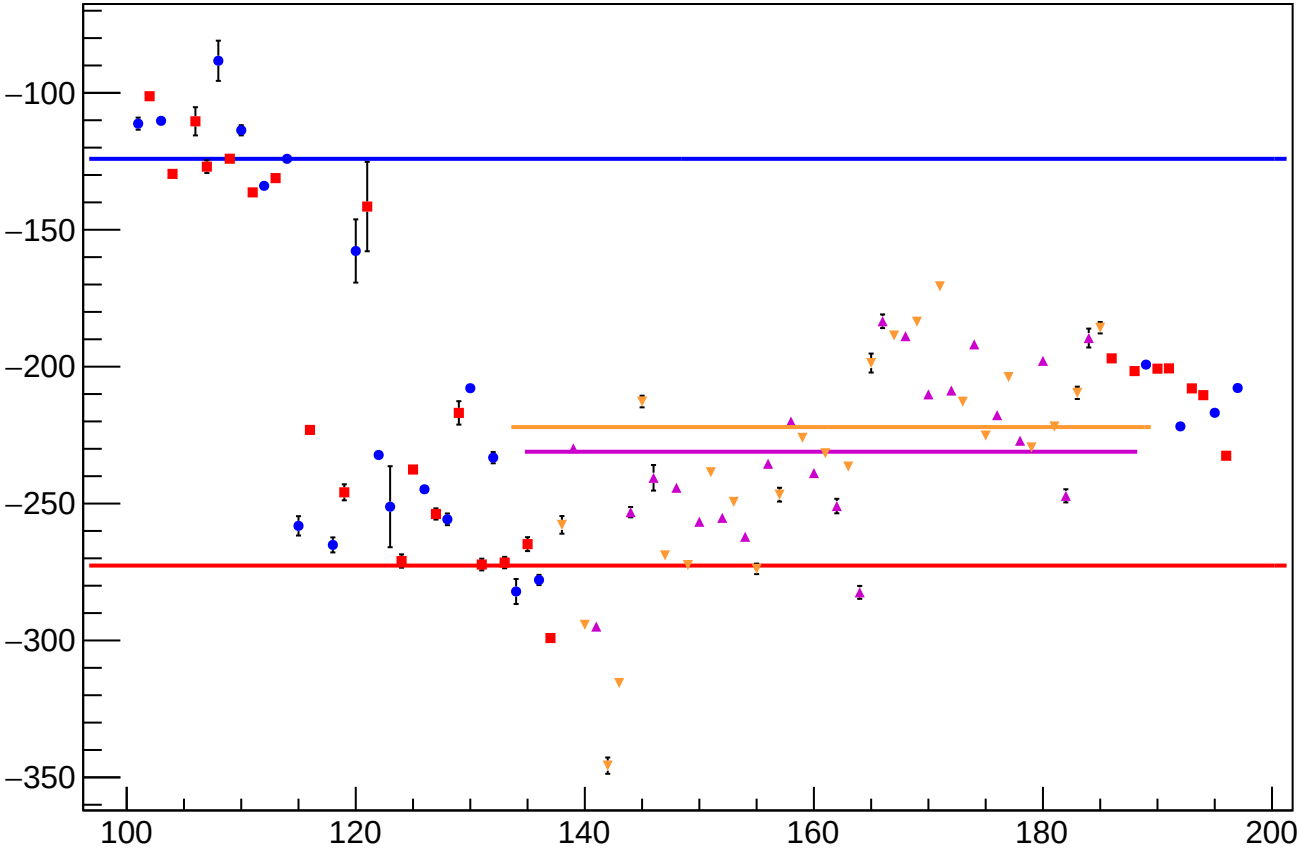
Left In: 54.849+/-0.247 χ^2/NDF:6325.8/22

+ sign -4.139+/-0.000 χ^2/NDF: 54097.5/45

All: -4.139+/-0.000 χ^2/NDF: 293452.7/93

- sign 51.919+/-0.134 χ^2/NDF: 63709.9/47

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF: 86863.6/20

Left Out: -222.063+/-0.272 χ^2/NDF:15812.2/24

Right Out: -272.646+/-0.106 χ^2/NDF: 200031.5/24

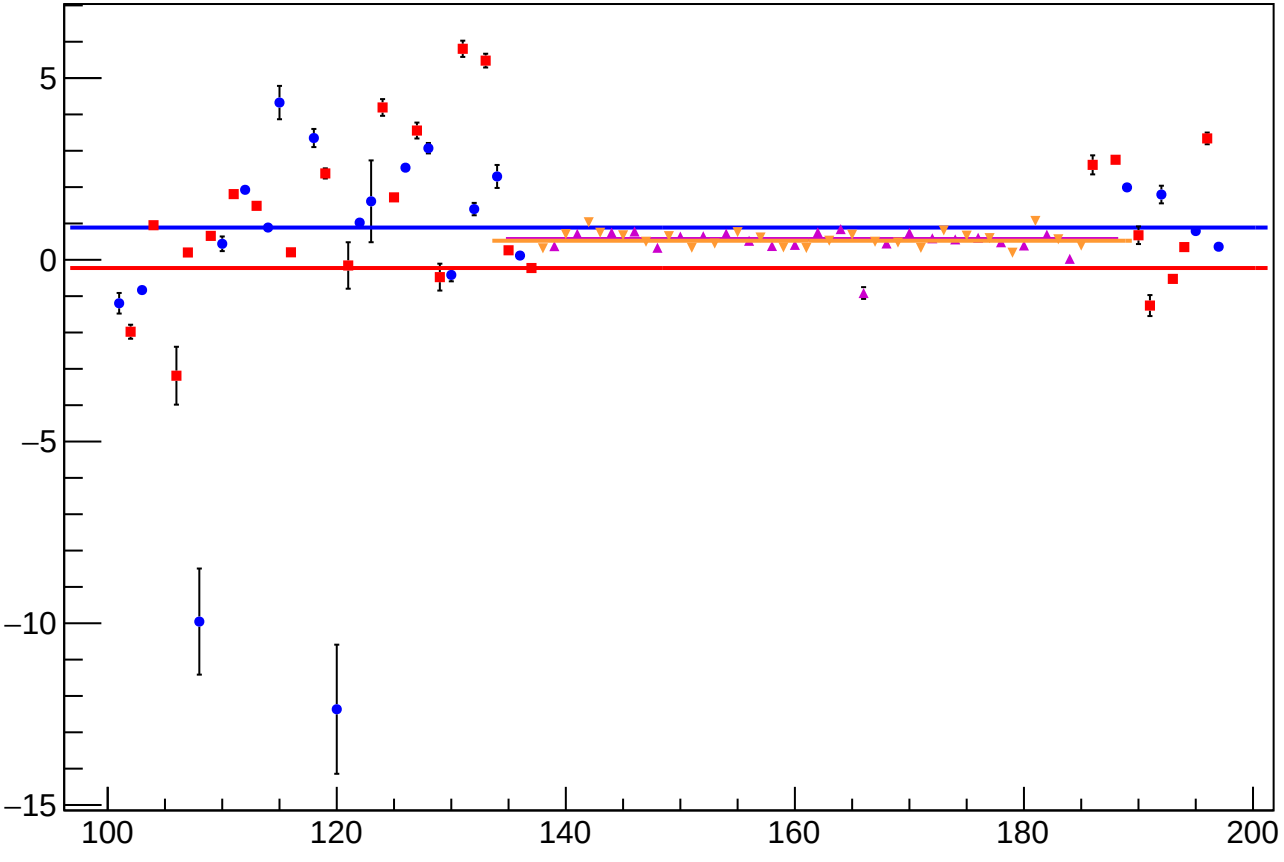
Left In: -231.069+/-0.249 χ^2/NDF:12005.6/22

+ sign -124.095+/-0.000 χ^2/NDF: 232230.1/45

All: -124.095+/-0.000 χ^2/NDF: 2576399.5/93

- sign -266.244+/-0.098 χ^2/NDF: 235535.8/47

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF: 8813.4/20

Left Out: 0.525+/-0.002 χ^2/NDF:9207.9/24

Right Out: -0.226+/-0.000 χ^2/NDF: 6674.0/24

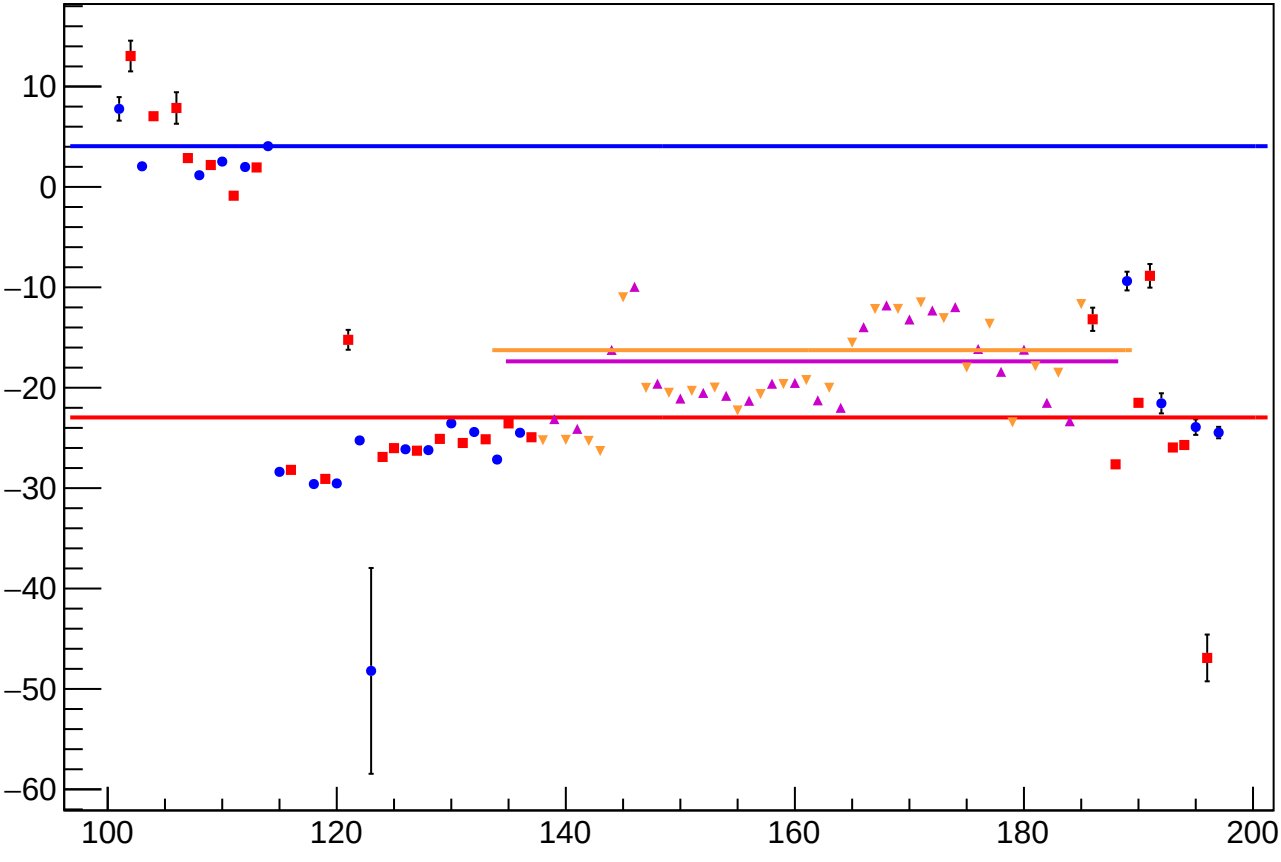
Left In: 0.572+/-0.002 χ^2/NDF:5600.2/22

+ sign 0.888+/-0.000 χ^2/NDF: 50360.7/45

All: 0.888+/-0.000 χ^2/NDF: 422294657.6/93

- sign -0.225+/-0.000 χ^2/NDF: 174168.5/47

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF: 1252552.2/20

Left Out: -16.260+/-0.010 χ^2/NDF:188515.0/24

Right Out: -22.959+/-0.026 χ^2/NDF: 116741.8/24

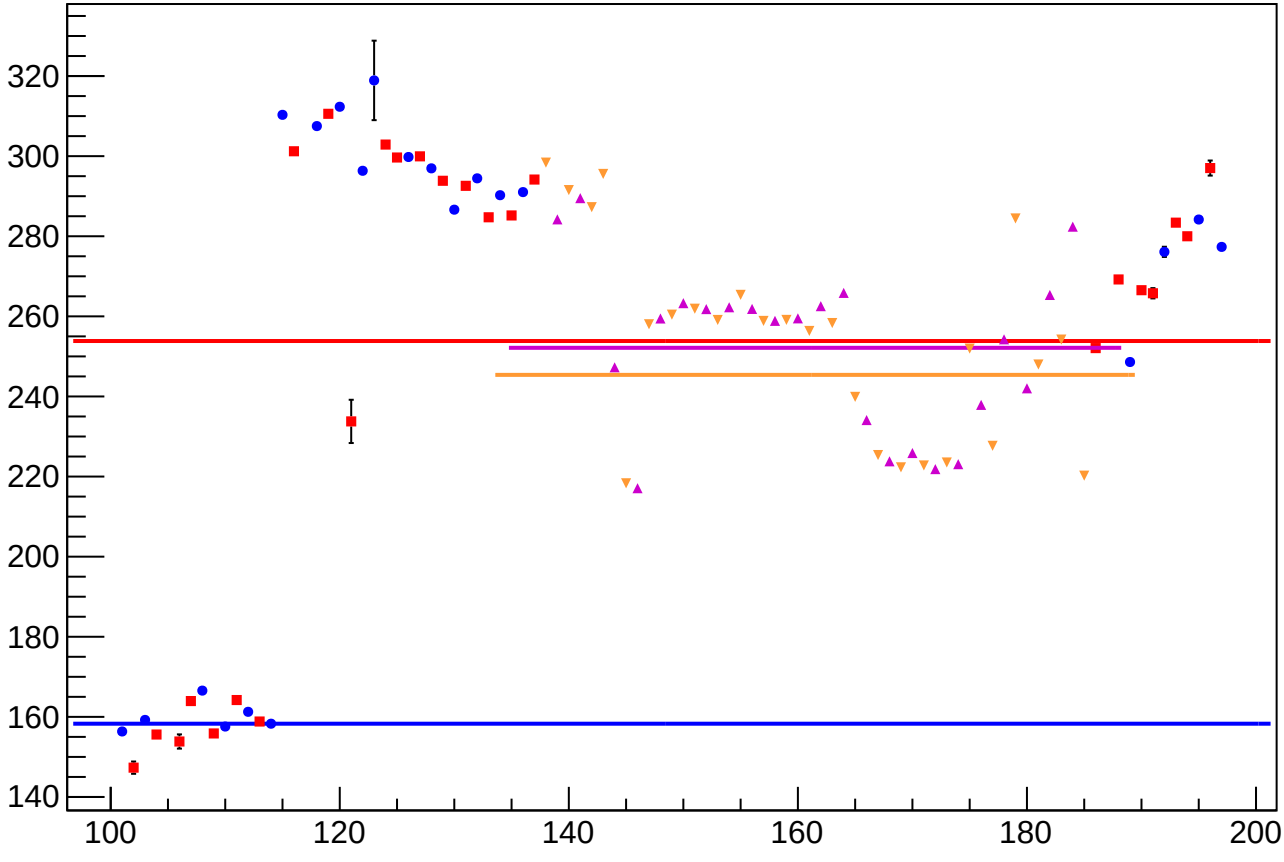
Left In: -17.374+/-0.009 χ^2/NDF:169487.5/22

+ sign 4.057+/-0.000 χ^2/NDF: 5556962.3/45

All: 4.057+/-0.000 χ^2/NDF: 12144433.5/93

- sign -18.011+/-0.009 χ^2/NDF: 326777.6/47

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF: 2522308.4/20

Left Out: 245.391+/-0.027 χ^2/NDF:723564.6/24

Right Out: 253.844+/-0.064 χ^2/NDF: 947707.1/24

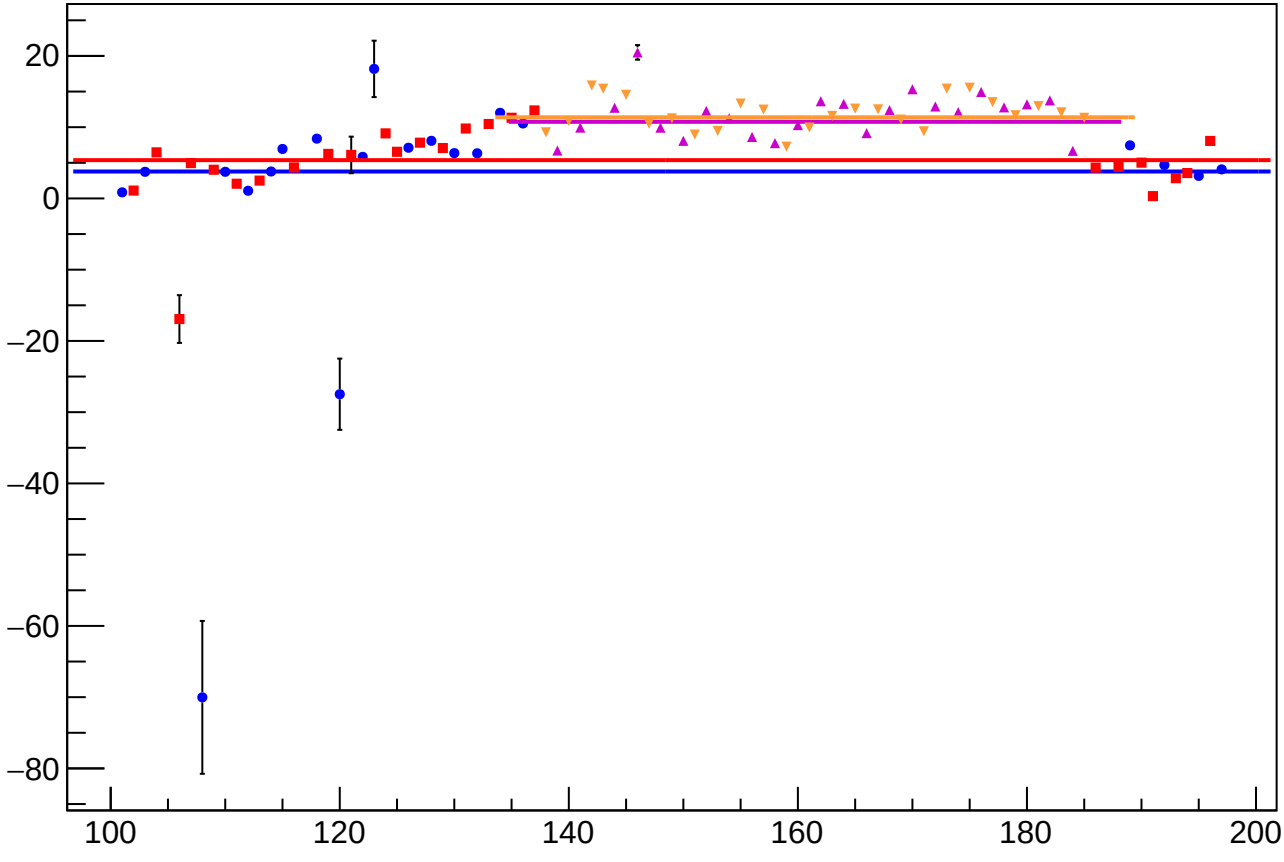
Left In: 252.148+/-0.028 χ^2/NDF:359416.7/22

+ sign 158.293+/-0.000 χ^2/NDF: 13376473.1/45

All: 158.293+/-0.000 χ^2/NDF: 27888038.3/93

- sign 252.427+/-0.026 χ^2/NDF: 1307713.6/47

dit_sam5_4aX_slope vs Slug



Right In: 3.778+/-0.000 χ^2/NDF: 7139.9/20

Left Out: 11.389+/-0.030 χ^2/NDF:4296.1/24

Right Out: 5.373+/-0.022 χ^2/NDF: 20145.7/24

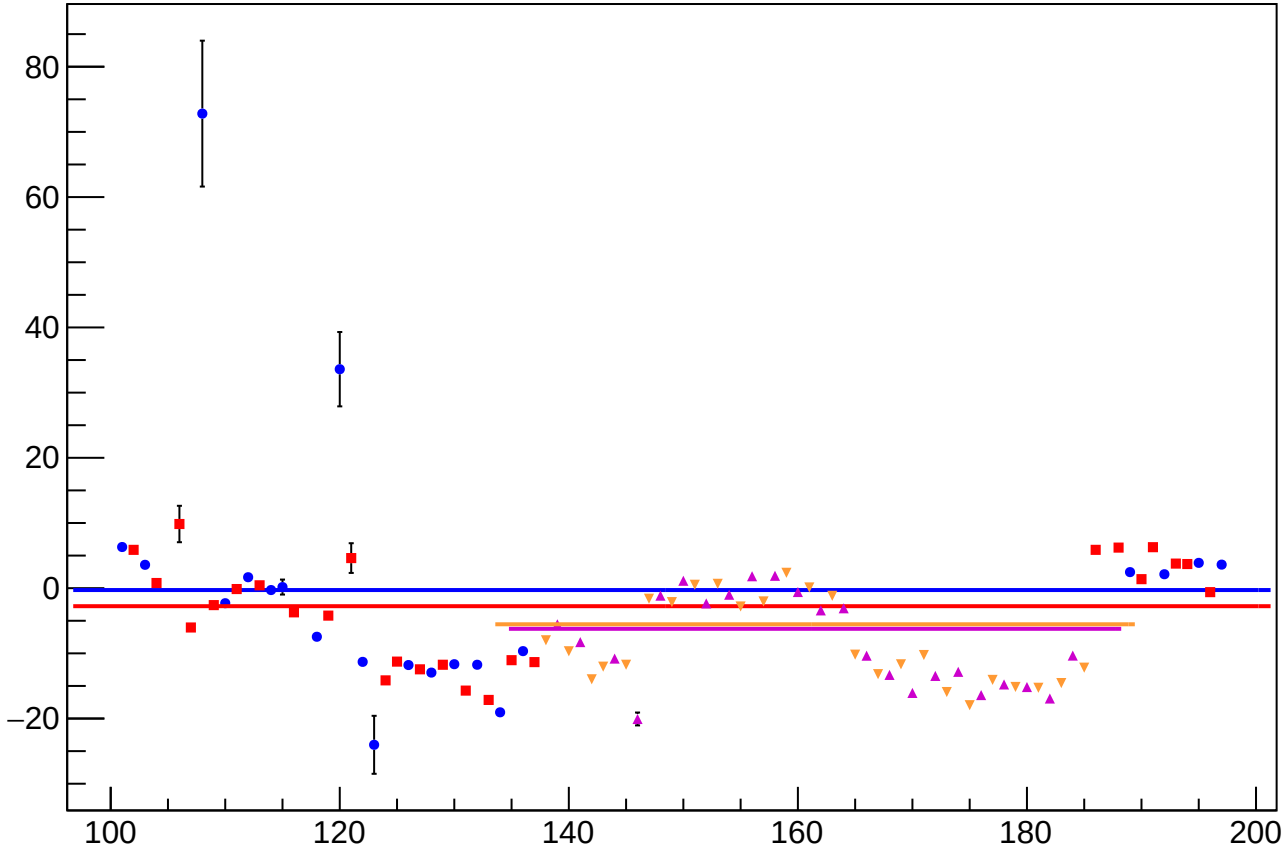
Left In: 10.753+/-0.028 χ^2/NDF:9950.6/22

+ sign 3.778+/-0.000 χ^2/NDF: 75432.1/45

All: 3.778+/-0.000 χ^2/NDF: 174025.9/93

- sign 7.475+/-0.017 χ^2/NDF: 53062.7/47

dit_sam5_4eX_slope vs Slug



Right In: -0.287+/-0.000 χ^2/NDF: 47110.8/20

Left Out: -5.539+/-0.030 χ^2/NDF:43439.8/24

Right Out: -2.764+/-0.023 χ^2/NDF: 105203.1/24

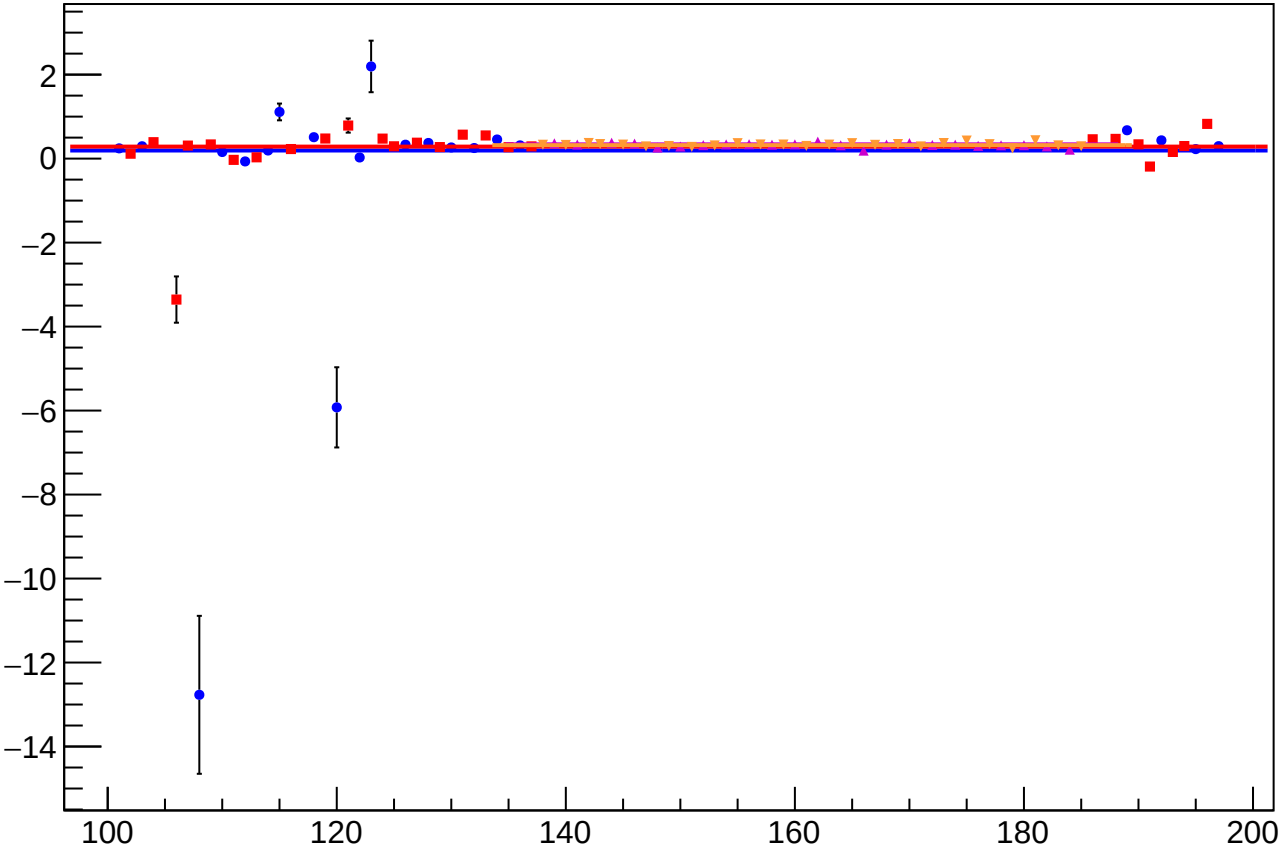
Left In: -6.234+/-0.028 χ^2/NDF:57358.9/22

+ sign -0.287+/-0.000 χ^2/NDF: 120993.1/45

All: -0.287+/-0.000 χ^2/NDF: 339816.2/93

- sign -4.127+/-0.018 χ^2/NDF: 171732.8/47

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF: 10688.5/20

Left Out: 0.320+/-0.001 χ^2/NDF:3374.4/24

Right Out: 0.286+/-0.001 χ^2/NDF: 7298.7/24

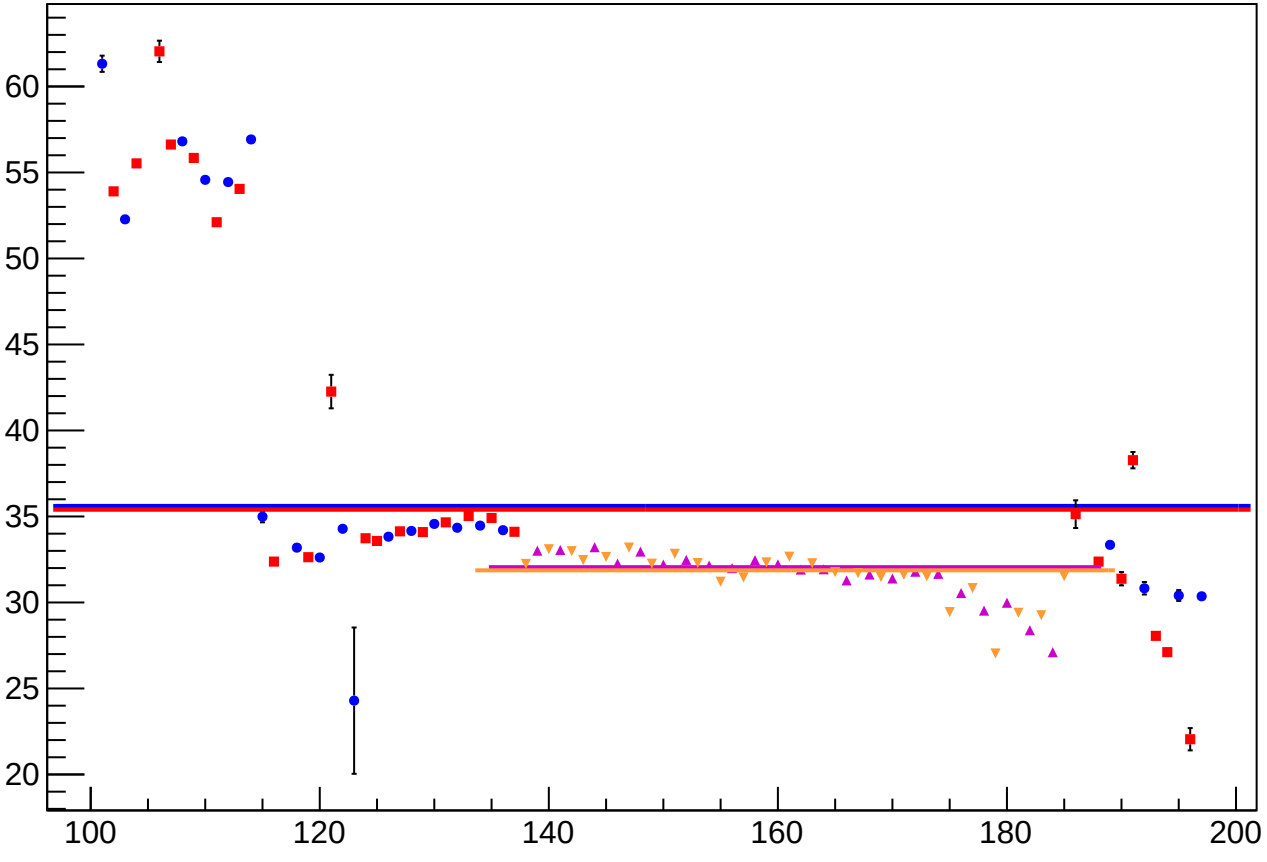
Left In: 0.340+/-0.001 χ^2/NDF:4171.9/22

+ sign 0.193+/-0.000 χ^2/NDF: 77279.6/45

All: 0.193+/-0.000 χ^2/NDF: 169581.2/93

- sign 0.333+/-0.000 χ^2/NDF: 12741.7/47

dit_sam5_4aY_slope vs Slug



Right In: 35.614+/-0.011 χ^2/NDF: 220453.1/20

Left Out: 31.869+/-0.003 χ^2/NDF:61955.3/24

Right Out: 35.391+/-0.011 χ^2/NDF: 271924.7/24

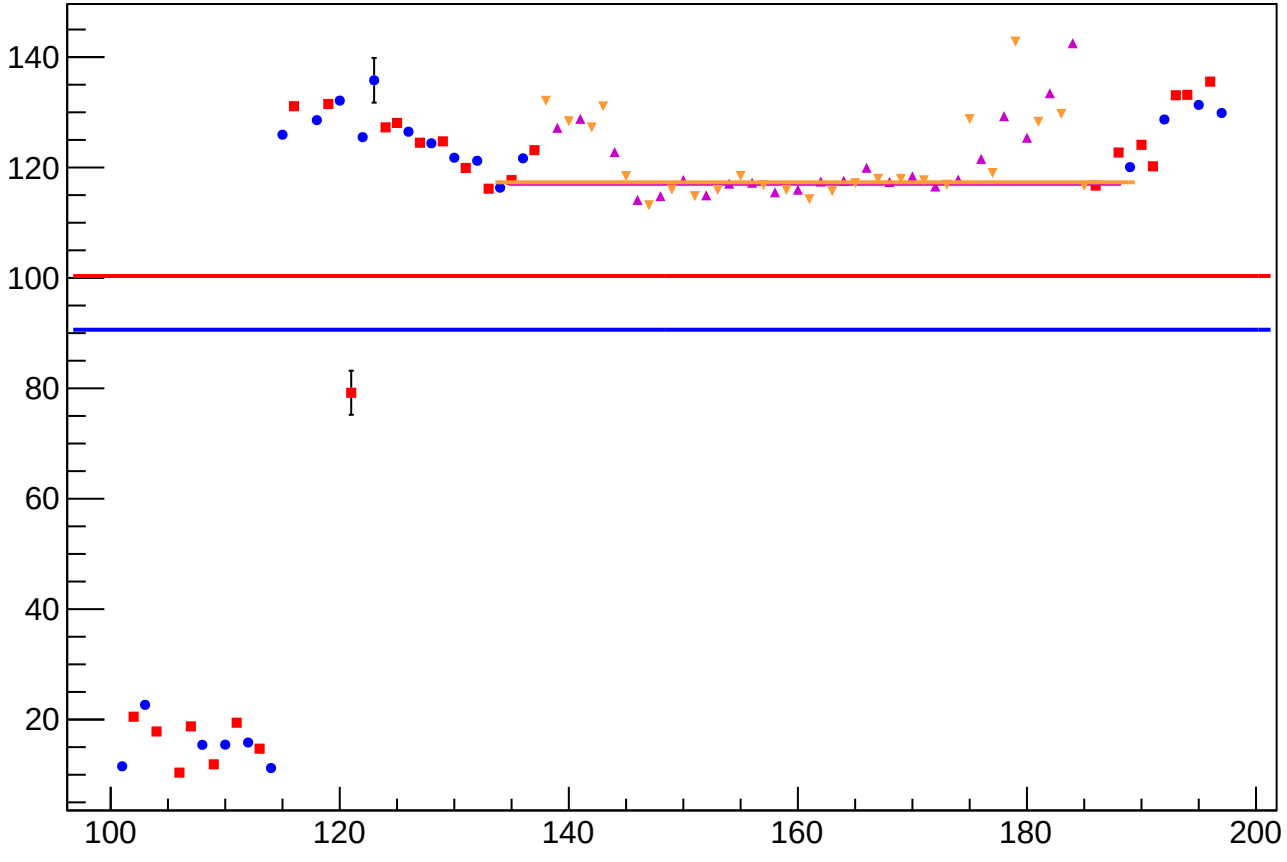
Left In: 32.053+/-0.003 χ^2/NDF:32470.5/22

+ sign 32.134+/-0.003 χ^2/NDF: 384540.5/45

All: 32.240+/-0.002 χ^2/NDF: 780792.5/93

- sign 32.365+/-0.003 χ^2/NDF: 393522.5/47

dit_sam5_4eY_slope vs Slug



Right In: 90.615+/-0.030 χ^2/NDF: 2571315.2/20

Left Out: 117.323+/-0.008 χ^2/NDF:172684.3/24

Right Out: 100.345+/-0.027 χ^2/NDF: 3221501.4/24

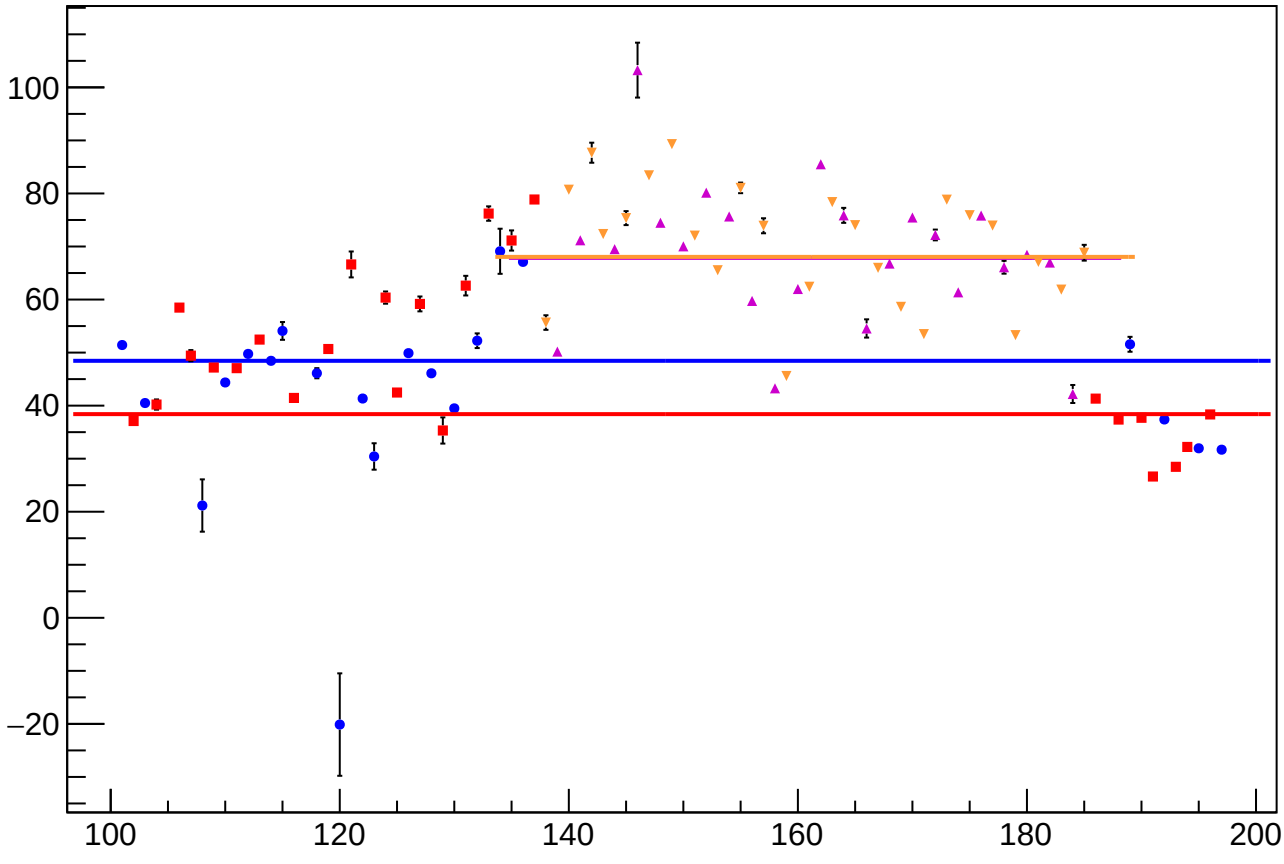
Left In: 117.061+/-0.009 χ^2/NDF:62905.3/22

+ sign 115.647+/-0.008 χ^2/NDF: 3471769.7/45

All: 115.539+/-0.006 χ^2/NDF: 7112450.7/93

- sign 115.409+/-0.008 χ^2/NDF: 3640237.8/47

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF: 9564.4/20

Left Out: 68.044+/-0.132 χ^2/NDF:6670.6/24

Right Out: 38.399+/-0.090 χ^2/NDF: 13591.1/24

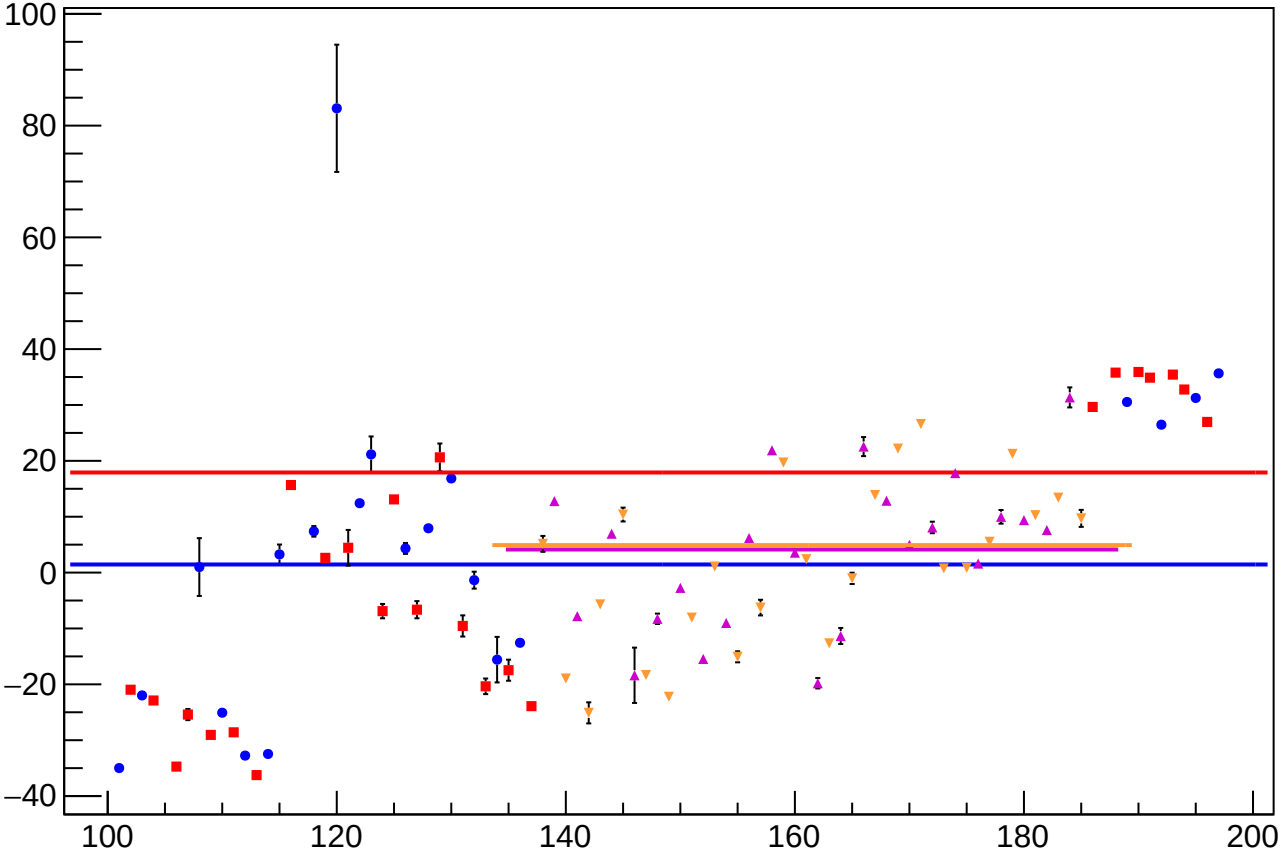
Left In: 67.852+/-0.126 χ^2/NDF:5519.9/22

+ sign 48.450+/-0.000 χ^2/NDF: 38186.3/45

All: 48.450+/-0.000 χ^2/NDF: 93678.1/93

- sign 48.361+/-0.073 χ^2/NDF: 55490.4/47

dit_sam6_4eX_slope vs Slug



Right In: 1.452+/-0.115 χ^2/NDF: 58480.7/20

Left Out: 4.920+/-0.132 χ^2/NDF:10378.5/24

Right Out: 17.919+/-0.080 χ^2/NDF: 98071.2/24

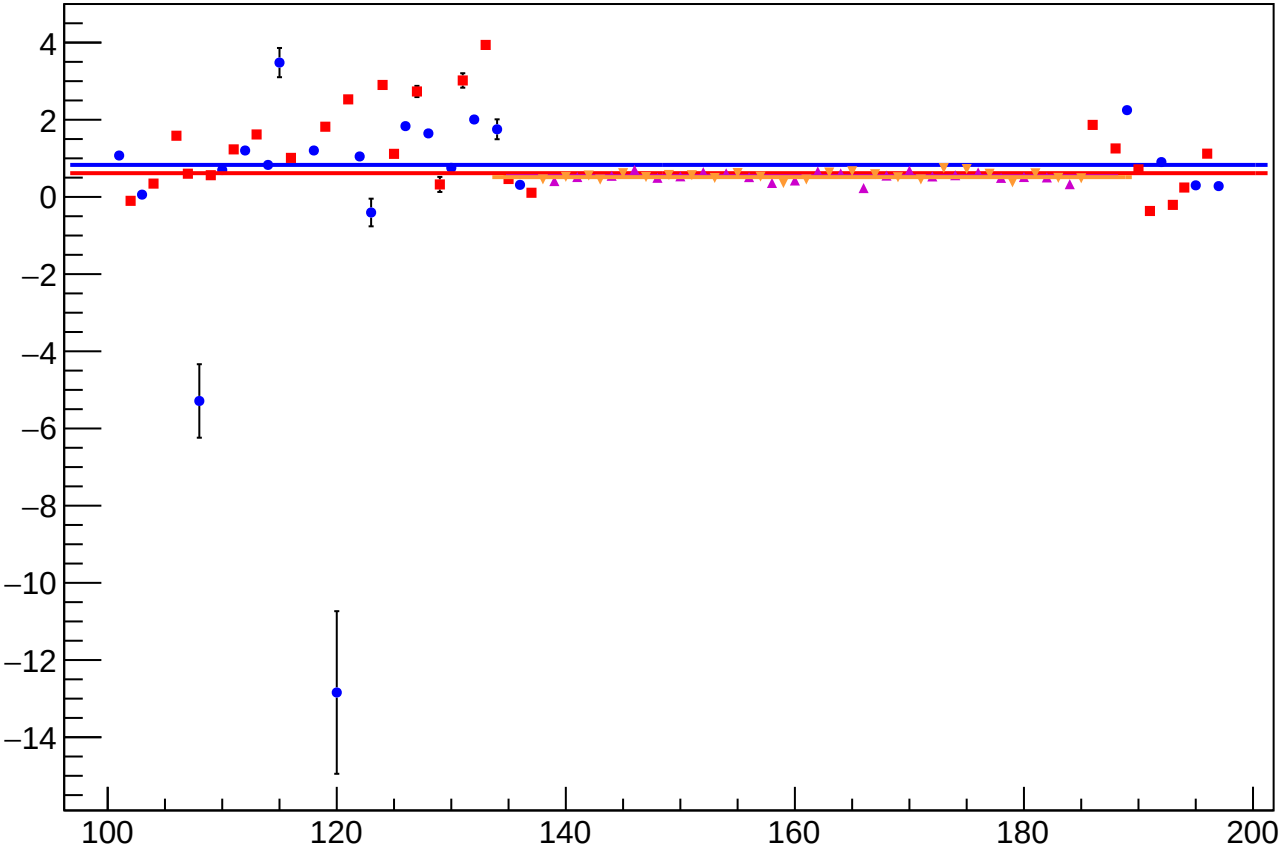
Left In: 4.129+/-0.127 χ^2/NDF:6161.4/22

+ sign 2.945+/-0.087 χ^2/NDF: 69251.1/45

All: 9.800+/-0.053 χ^2/NDF: 191976.8/93

- sign 13.985+/-0.068 χ^2/NDF: 112670.8/47

dit_sam6_11X12X_slope vs Slug



Right In: 0.830+/-0.000 χ^2/NDF: 15851.7/20

Left Out: 0.513+/-0.001 χ^2/NDF:15206.1/24

Right Out: 0.616+/-0.006 χ^2/NDF: 9152.9/24

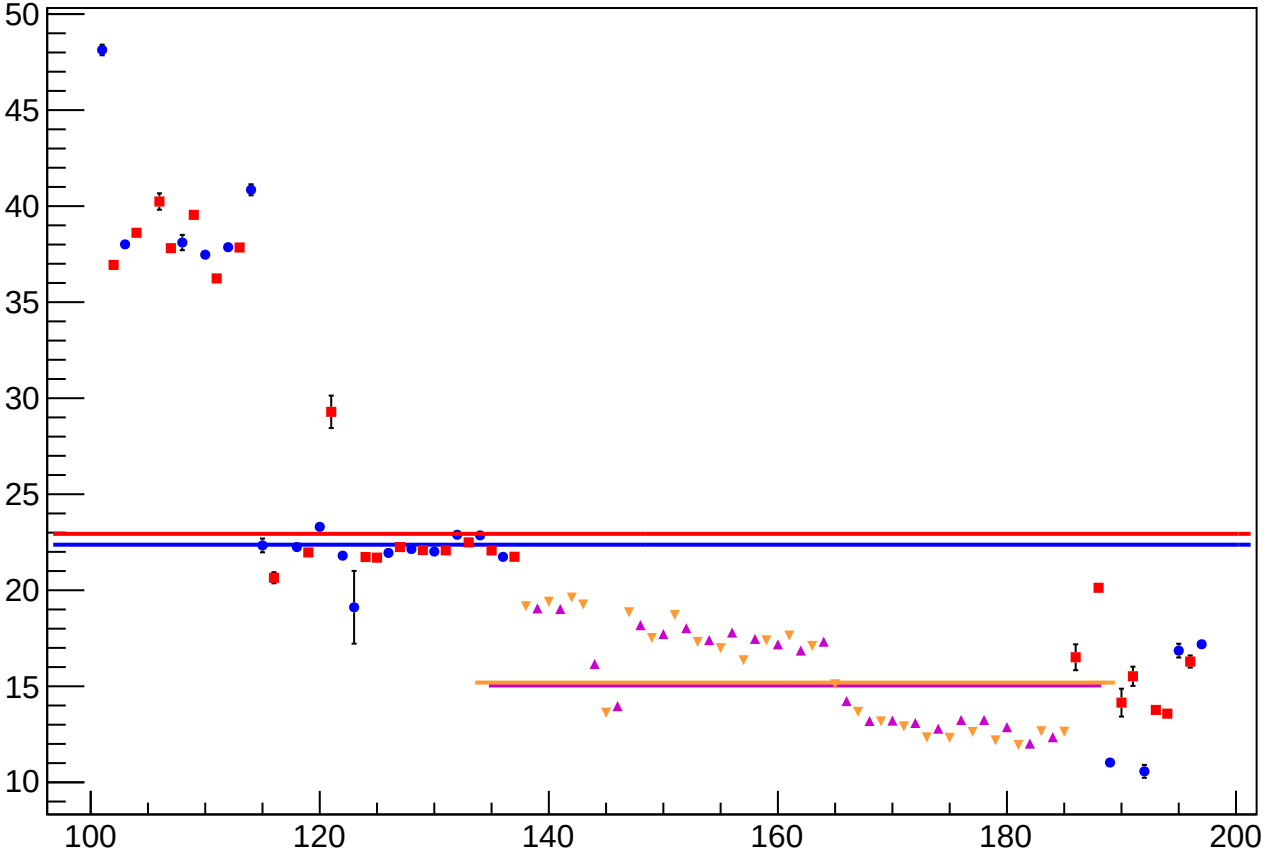
Left In: 0.536+/-0.001 χ^2/NDF:11764.8/22

+ sign 0.830+/-0.000 χ^2/NDF: 139263.6/45

All: 0.830+/-0.000 χ^2/NDF: 276804.0/93

- sign 0.538+/-0.001 χ^2/NDF: 21104.0/47

dit_sam6_4aY_slope vs Slug



Right In: 22.373+/-0.009 χ^2/NDF: 127382.7/20

Left Out: 15.194+/-0.004 χ^2/NDF:417095.1/24

Right Out: 22.938+/-0.009 χ^2/NDF: 170513.3/24

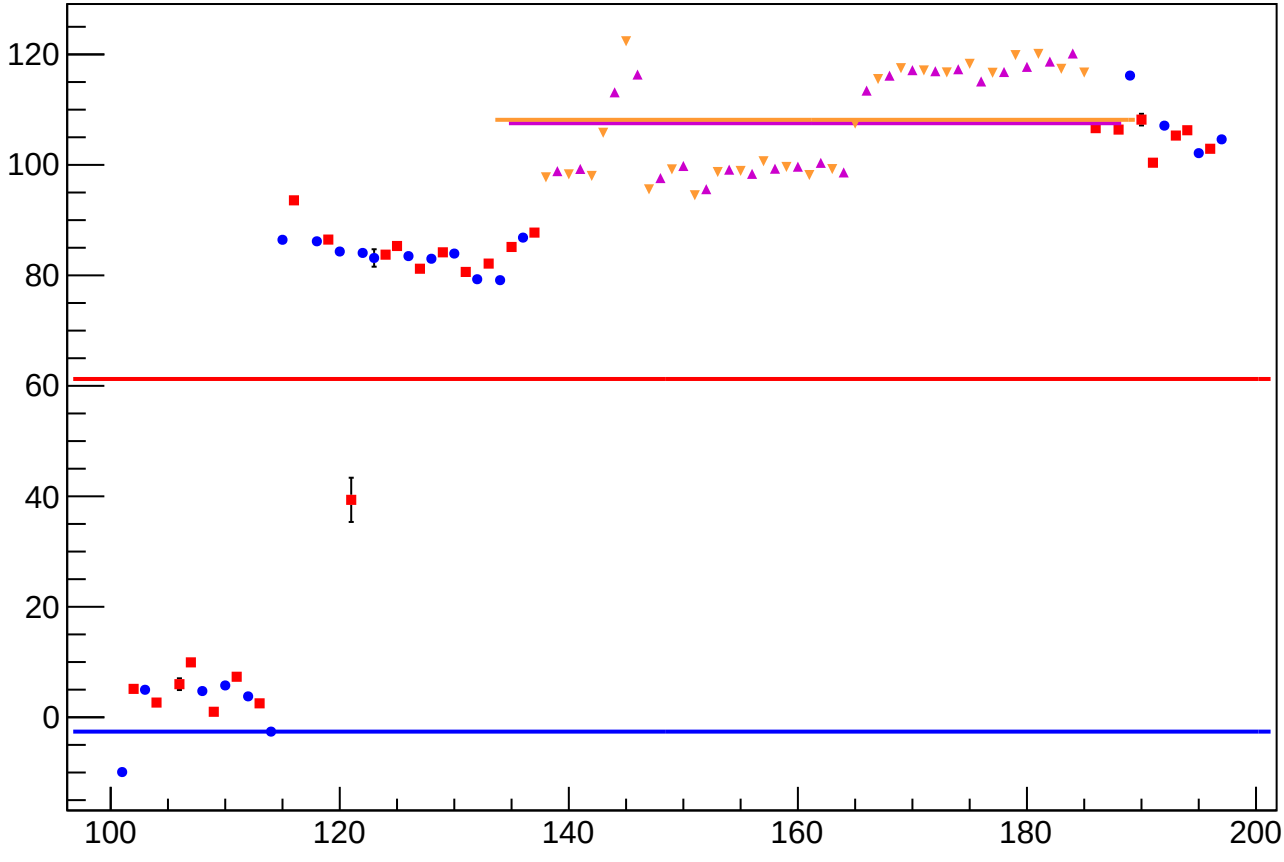
Left In: 15.044+/-0.005 χ^2/NDF:285851.6/22

+ sign 16.457+/-0.004 χ^2/NDF: 1042288.2/45

All: 16.566+/-0.003 χ^2/NDF: 2108378.4/93

- sign 16.688+/-0.004 χ^2/NDF: 1064420.4/47

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF: 8192546.2/20

Left Out: 108.162+/-0.009 χ^2/NDF:1076822.4/24

Right Out: 61.244+/-0.031 χ^2/NDF: 1643682.9/24

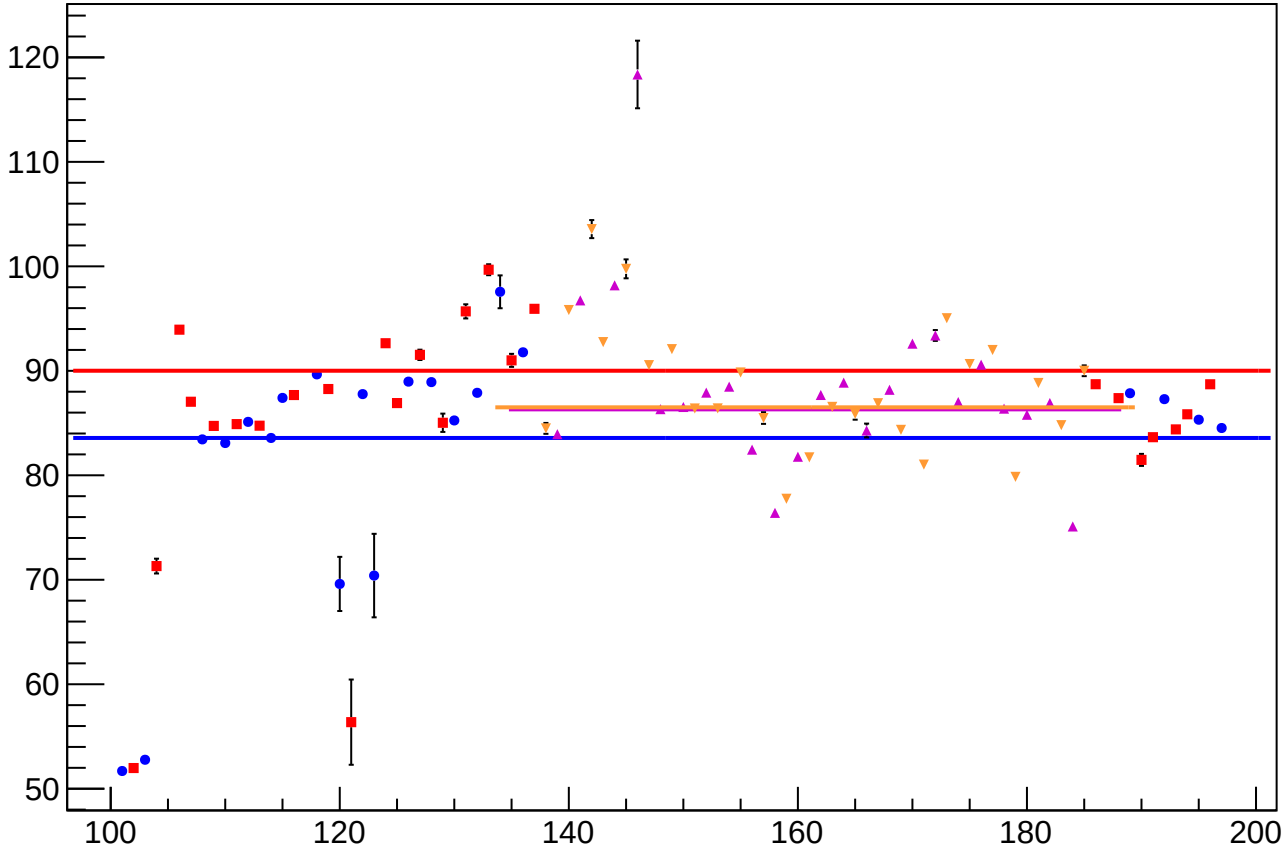
Left In: 107.543+/-0.009 χ^2/NDF:988940.0/22

+ sign -2.596+/-0.000 χ^2/NDF: 150980528.5/45

All: -2.596+/-0.000 χ^2/NDF: 297470693.8/93

- sign 103.662+/-0.009 χ^2/NDF: 4700135.5/47

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF: 50575.0/20

Left Out: 86.505+/-0.060 χ^2/NDF:8553.0/24

Right Out: 90.008+/-0.021 χ^2/NDF: 76584.6/24

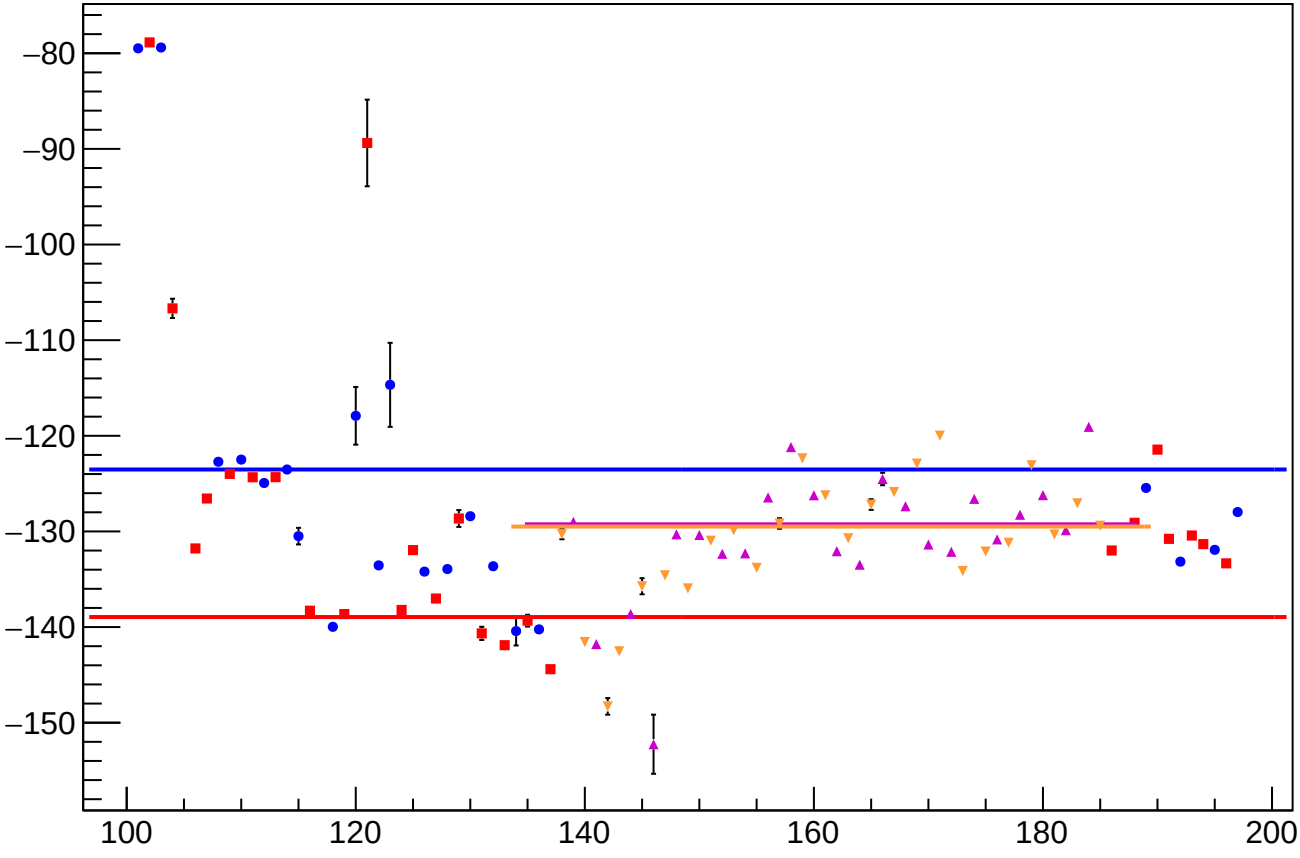
Left In: 86.310+/-0.051 χ^2/NDF:8666.5/22

+ sign 83.573+/-0.000 χ^2/NDF: 61522.2/45

All: 83.573+/-0.000 χ^2/NDF: 245431.5/93

- sign 89.489+/-0.019 χ^2/NDF: 89695.2/47

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF: 176566.6/20

Left Out: -129.492+/-0.059 χ^2/NDF:10775.3/24

Right Out: -138.952+/-0.017 χ^2/NDF: 290178.0/24

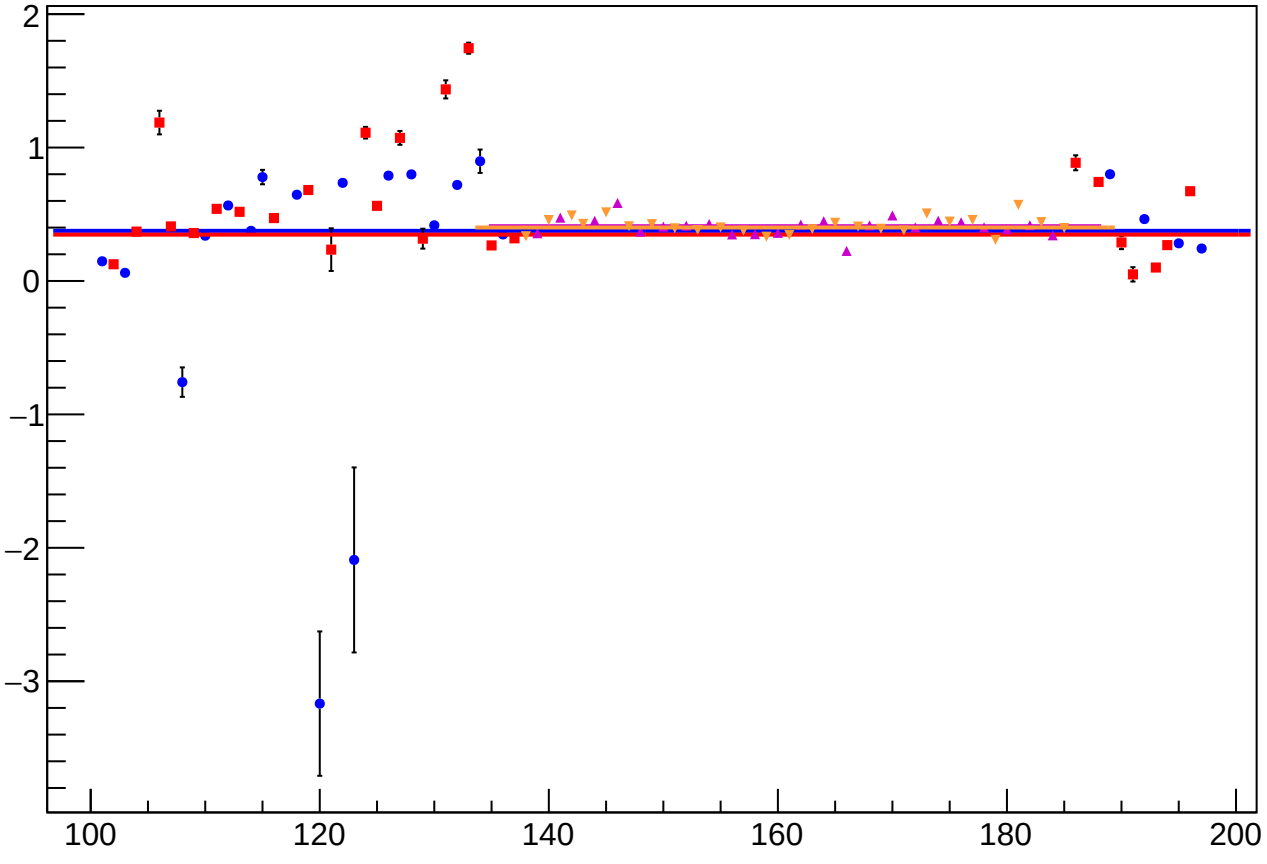
Left In: -129.256+/-0.052 χ^2/NDF:6558.2/22

+ sign -123.524+/-0.000 χ^2/NDF: 197501.6/45

All: -123.524+/-0.000 χ^2/NDF: 1367199.7/93

- sign -138.038+/-0.016 χ^2/NDF: 328779.0/47

dit_sam7_11X12X_slope vs Slug



Right In: 0.376+/-0.000 χ^2/NDF: 4316.4/20

Left Out: 0.401+/-0.000 χ^2/NDF:9030.9/24

Right Out: 0.347+/-0.001 χ^2/NDF: 6322.3/24

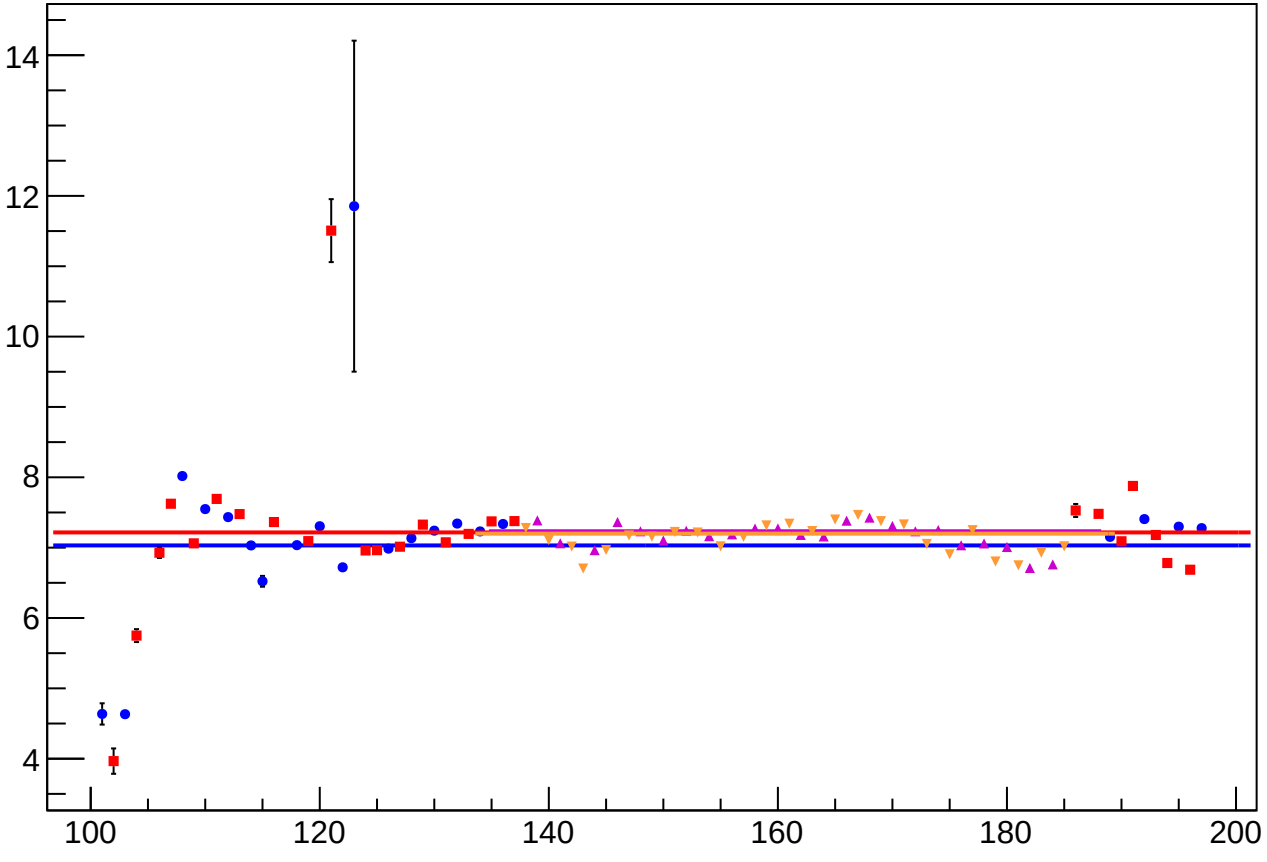
Left In: 0.410+/-0.000 χ^2/NDF:8478.2/22

+ sign 0.376+/-0.000 χ^2/NDF: 15856.8/45

All: 0.376+/-0.000 χ^2/NDF: 36929.6/93

- sign 0.405+/-0.000 χ^2/NDF: 16505.8/47

dit_sam7_4aY_slope vs Slug



Right In: 7.032+/-0.000 χ^2/NDF: 20637.6/20

Left Out: 7.199+/-0.001 χ^2/NDF:37453.7/24

Right Out: 7.216+/-0.002 χ^2/NDF: 10638.8/24

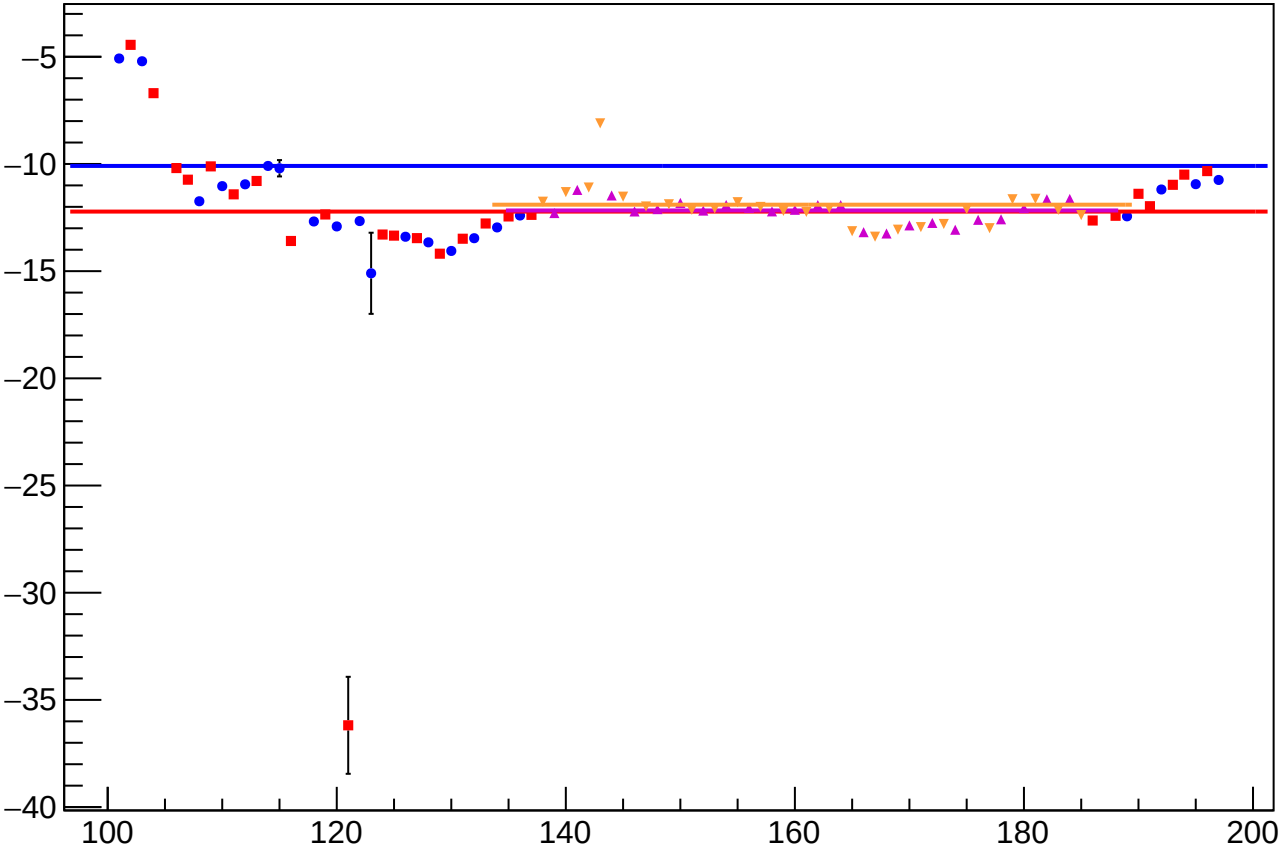
Left In: 7.233+/-0.001 χ^2/NDF:23085.0/22

+ sign 7.032+/-0.000 χ^2/NDF: 92442.4/45

All: 7.032+/-0.000 χ^2/NDF: 191443.0/93

- sign 7.231+/-0.001 χ^2/NDF: 33770.8/47

dit_sam7_4eY_slope vs Slug



Right In: -10.092+/-0.000 χ^2/NDF: 552883.8/20

Left Out: -11.899+/-0.002 χ^2/NDF:498866.6/24

Right Out: -12.221+/-0.003 χ^2/NDF: 142480.6/24

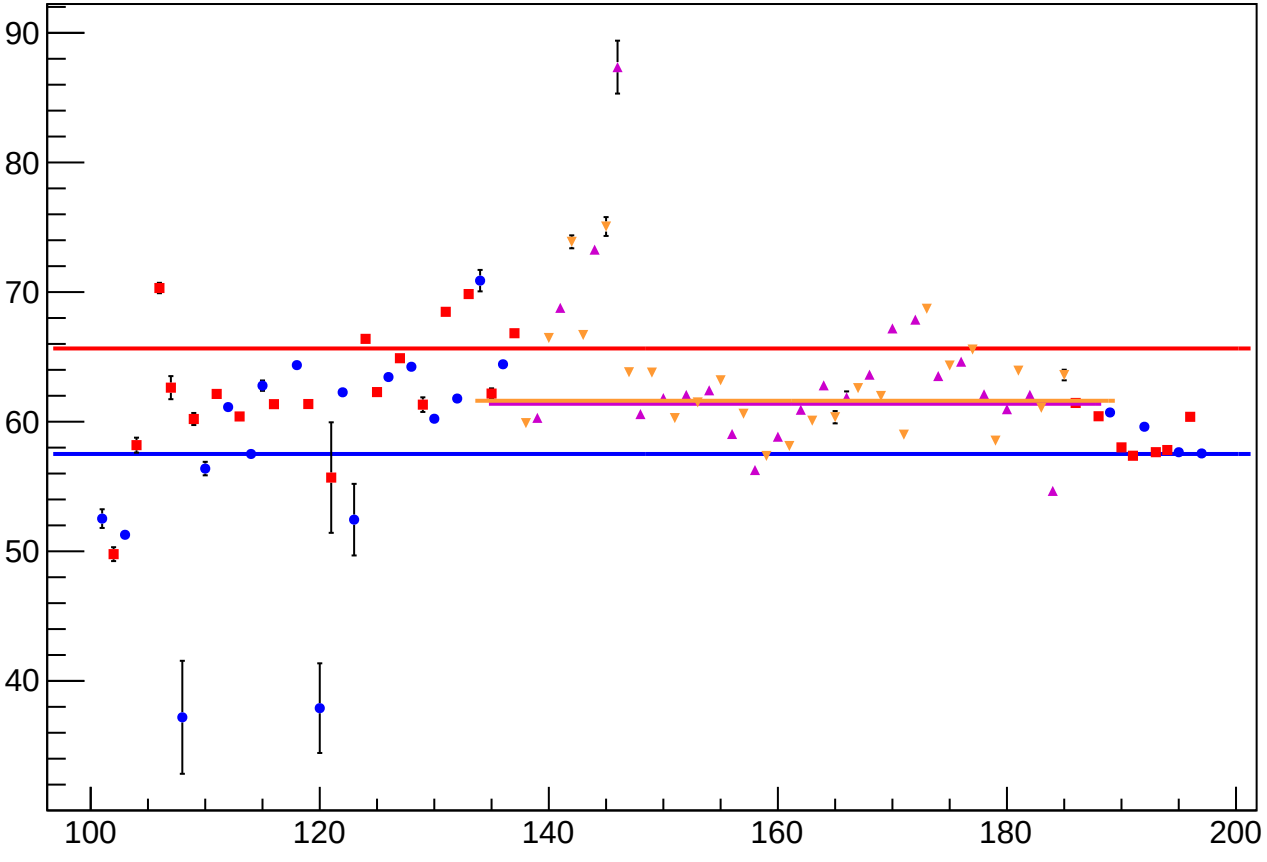
Left In: -12.169+/-0.002 χ^2/NDF:49568.3/22

+ sign -10.092+/-0.000 χ^2/NDF: 2194847.4/45

All: -10.092+/-0.000 χ^2/NDF: 4268024.4/93

- sign -12.179+/-0.002 χ^2/NDF: 192237.8/47

dit_sam8_4aX_slope vs Slug



Right In: 57.510+/-0.000 χ^2/NDF: 9263.1/20

Left Out: 61.615+/-0.039 χ^2/NDF:7756.9/24

Right Out: 65.649+/-0.012 χ^2/NDF: 56137.7/24

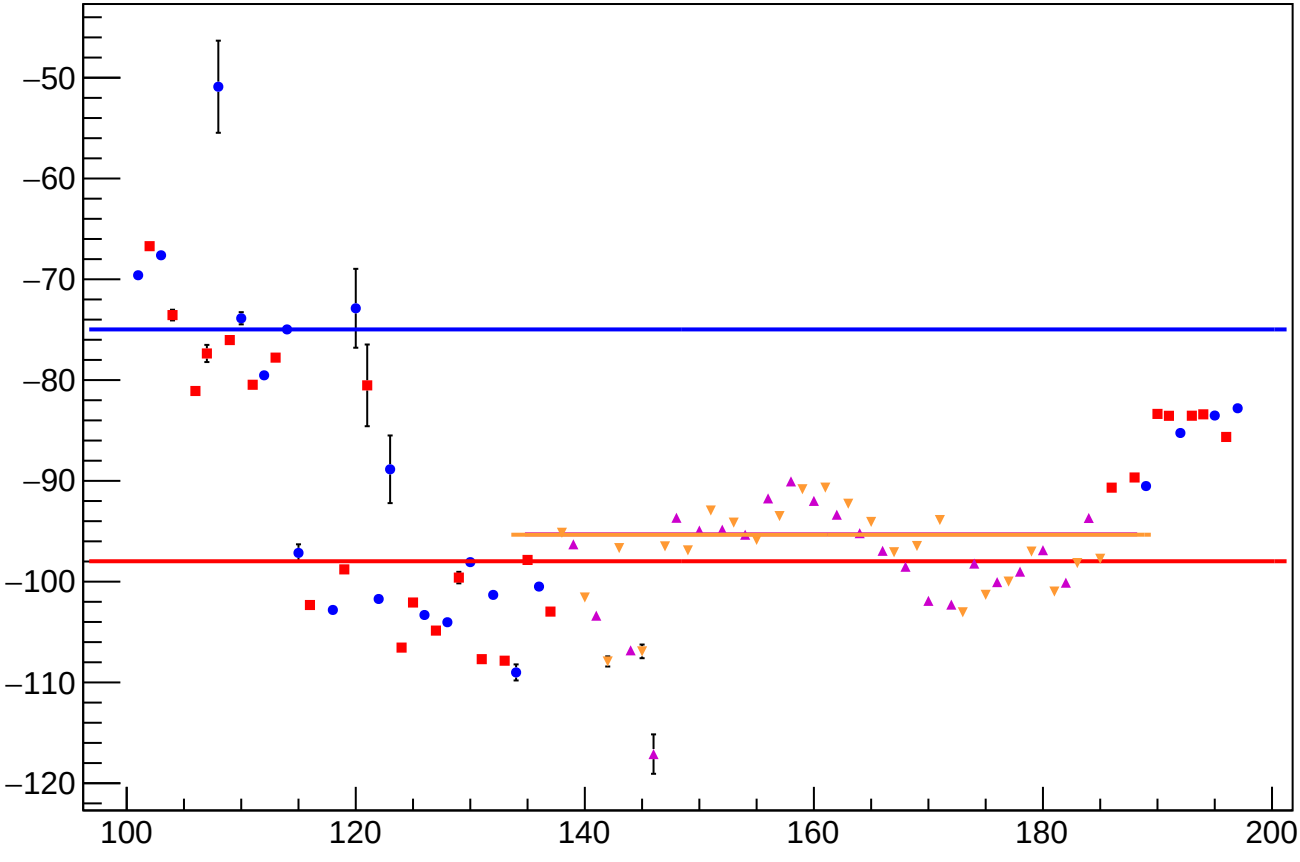
Left In: 61.383+/-0.033 χ^2/NDF:8900.0/22

+ sign 57.510+/-0.000 χ^2/NDF: 28160.9/45

All: 57.510+/-0.000 χ^2/NDF: 548976.0/93

- sign 65.120+/-0.011 χ^2/NDF: 80079.6/47

dit_sam8_4eX_slope vs Slug



Right In: -74.974+/-0.000 χ^2/NDF: 182526.4/20

Left Out: -95.342+/-0.039 χ^2/NDF:9387.4/24

Right Out: -97.976+/-0.015 χ^2/NDF: 300306.7/24

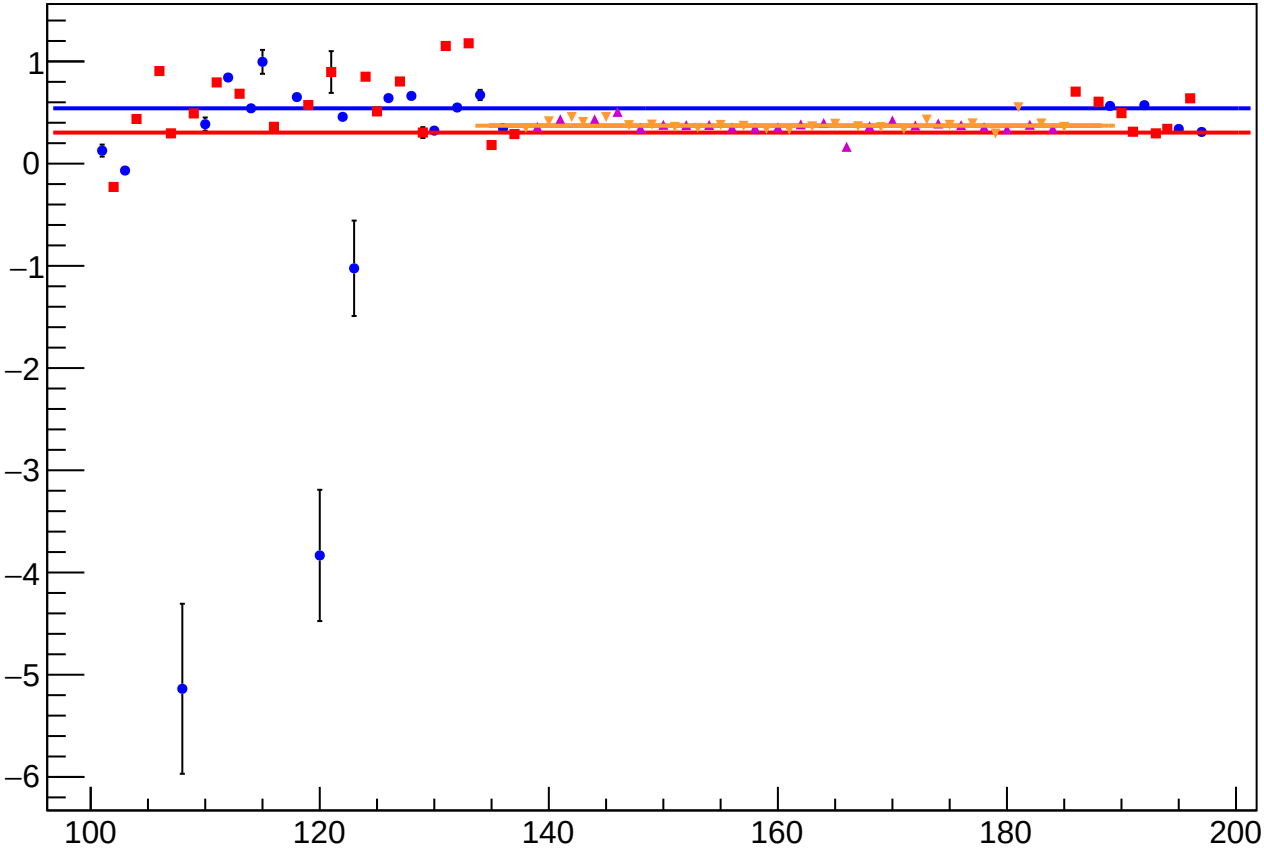
Left In: -95.301+/-0.033 χ^2/NDF:11271.5/22

+ sign -74.974+/-0.000 χ^2/NDF: 468875.1/45

All: -74.974+/-0.000 χ^2/NDF: 3391949.5/93

- sign -97.503+/-0.014 χ^2/NDF: 316922.4/47

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF: 30613.5/20

Left Out: 0.371+/-0.000 χ^2/NDF:6797.7/24

Right Out: 0.304+/-0.001 χ^2/NDF: 11235.7/24

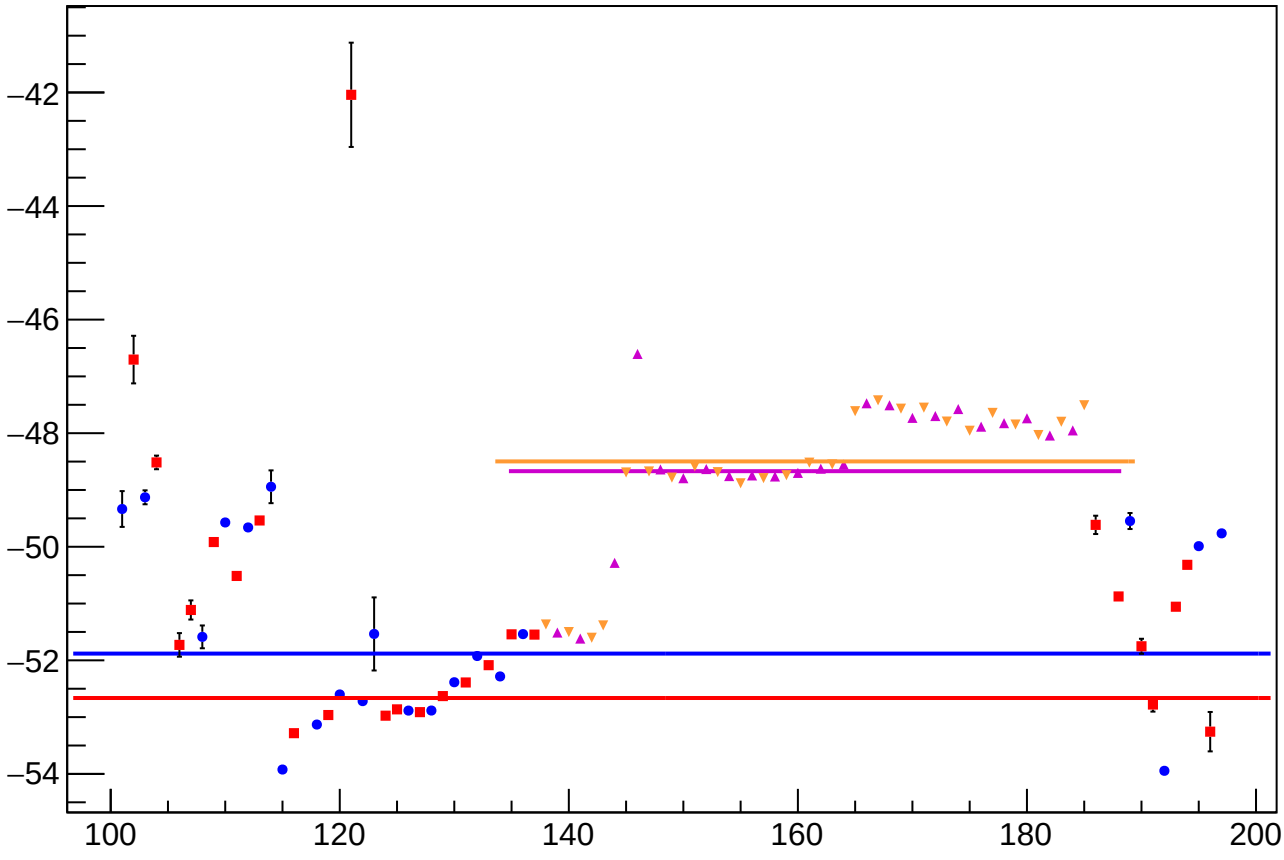
Left In: 0.372+/-0.000 χ^2/NDF:6020.6/22

+ sign 0.541+/-0.000 χ^2/NDF: 248724.7/45

All: 0.541+/-0.000 χ^2/NDF: 653207.2/93

- sign 0.363+/-0.000 χ^2/NDF: 23653.0/47

dit_sam8_4aY_slope vs Slug



Right In: -51.881+/-0.002 χ^2/NDF: 81511.6/20

Left Out: -48.497+/-0.001 χ^2/NDF:699790.4/24

Right Out: -52.663+/-0.003 χ^2/NDF: 62690.8/24

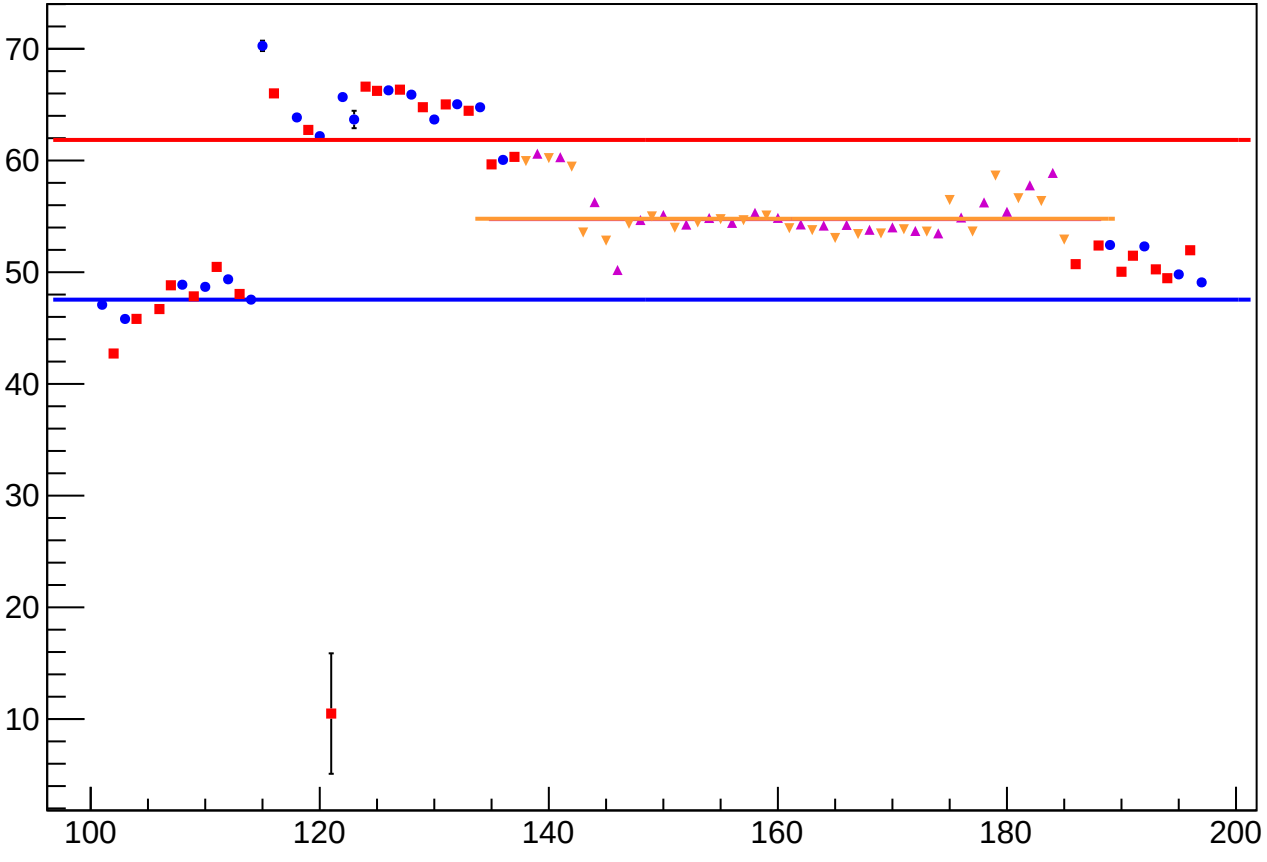
Left In: -48.669+/-0.001 χ^2/NDF:809321.2/22

+ sign -49.129+/-0.001 χ^2/NDF: 2665959.3/45

All: -49.137+/-0.001 χ^2/NDF: 5705698.3/93

- sign -49.144+/-0.001 χ^2/NDF: 3039604.2/47

dit_sam8_4eY_slope vs Slug



Right In: 47.545+/-0.000 χ^2/NDF: 3609879.2/20

Left Out: 54.787+/-0.003 χ^2/NDF:301226.3/24

Right Out: 61.843+/-0.007 χ^2/NDF: 625114.6/24

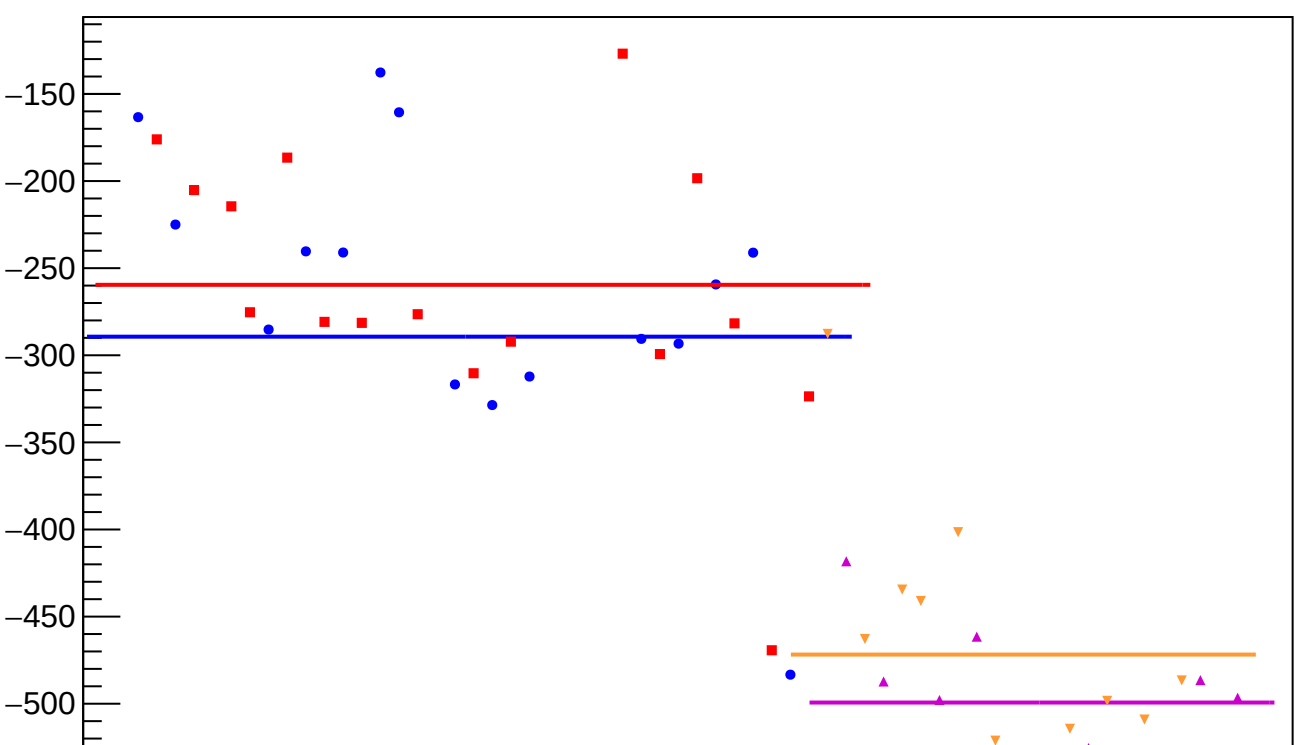
Left In: 54.755+/-0.003 χ^2/NDF:100763.3/22

+ sign 47.545+/-0.000 χ^2/NDF: 9958730.0/45

All: 47.545+/-0.000 χ^2/NDF: 22393571.1/93

- sign 55.597+/-0.002 χ^2/NDF: 1603840.0/47

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14

+ sign -396.025+/-0.000 χ^2/NDF: 22413307403279

Left Out: -471.791+/-0.000 χ^2/NDF:4407577357733372304653153526381281280.0/11

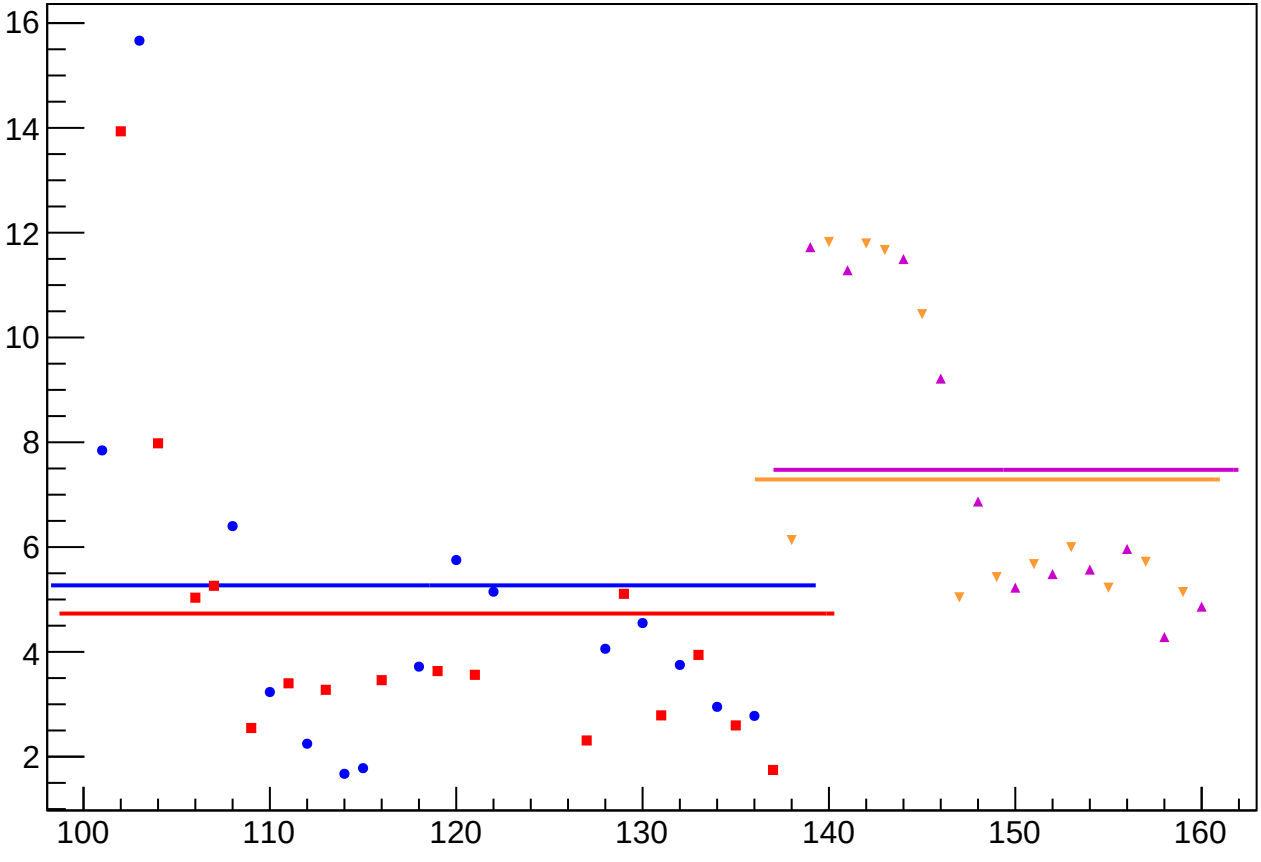
All: -397.428+/-0.000 χ^2/NDF: 50007078016

Right Out: -259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

- sign -398.805+/-0.000 χ^2/NDF: 27587676580489 4

Left In: -499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655 11424.0/10

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

Left Out: 7.291+/-0.000 χ^2/NDF:671805351517286388583643235116646 4.0/11

Right Out: 4.732+/-0.000 χ^2/NDF: 685689307257521156280228142645248 0.0/15

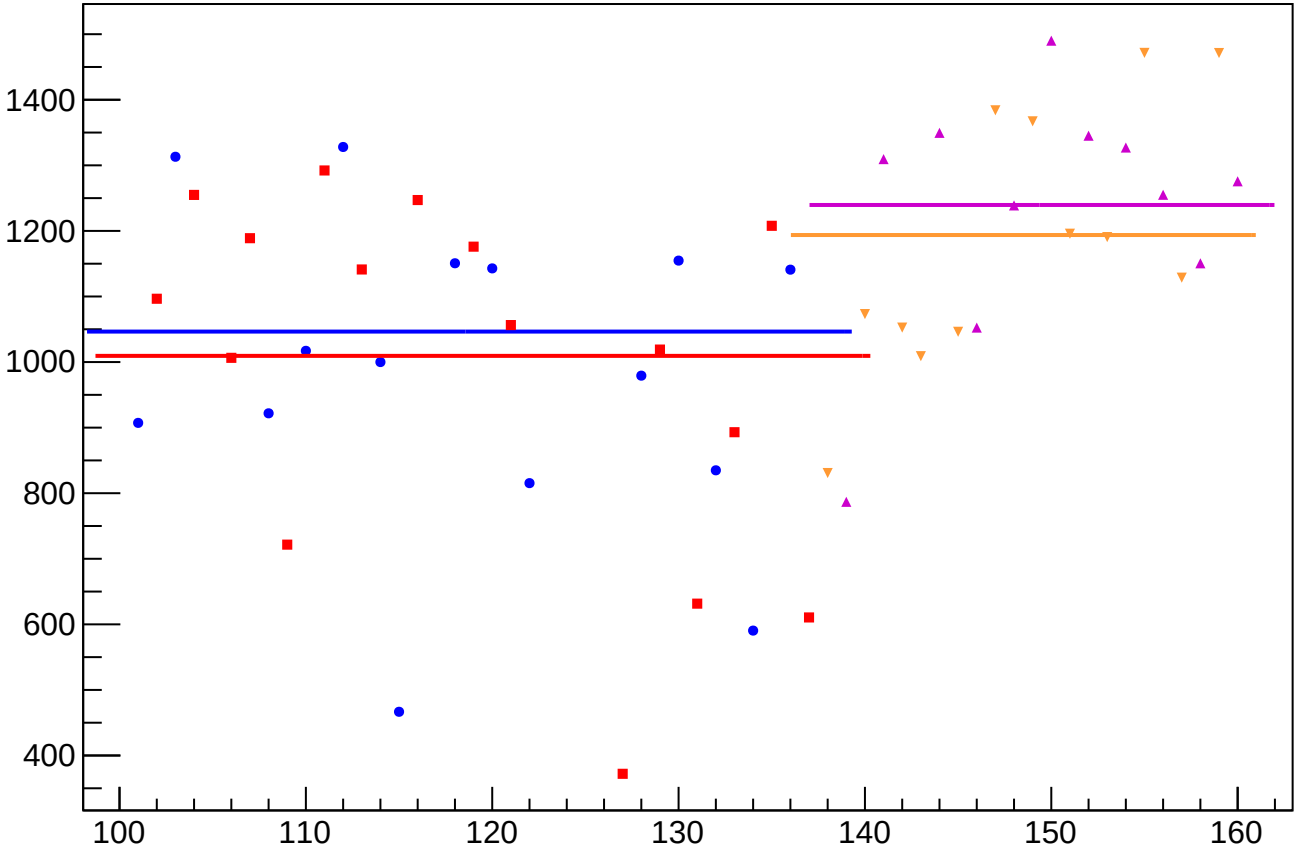
Left In: 7.475+/-0.000 χ^2/NDF:705781213939957953887024455037747 2.0/10

+ sign 6.452+/-0.000 χ^2/NDF: 1697855997373560 0

All: 6.388+/-0.000 χ^2/NDF: 3382091542103 2

- sign 6.325+/-0.000 χ^2/NDF: 1682963630535428 1

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

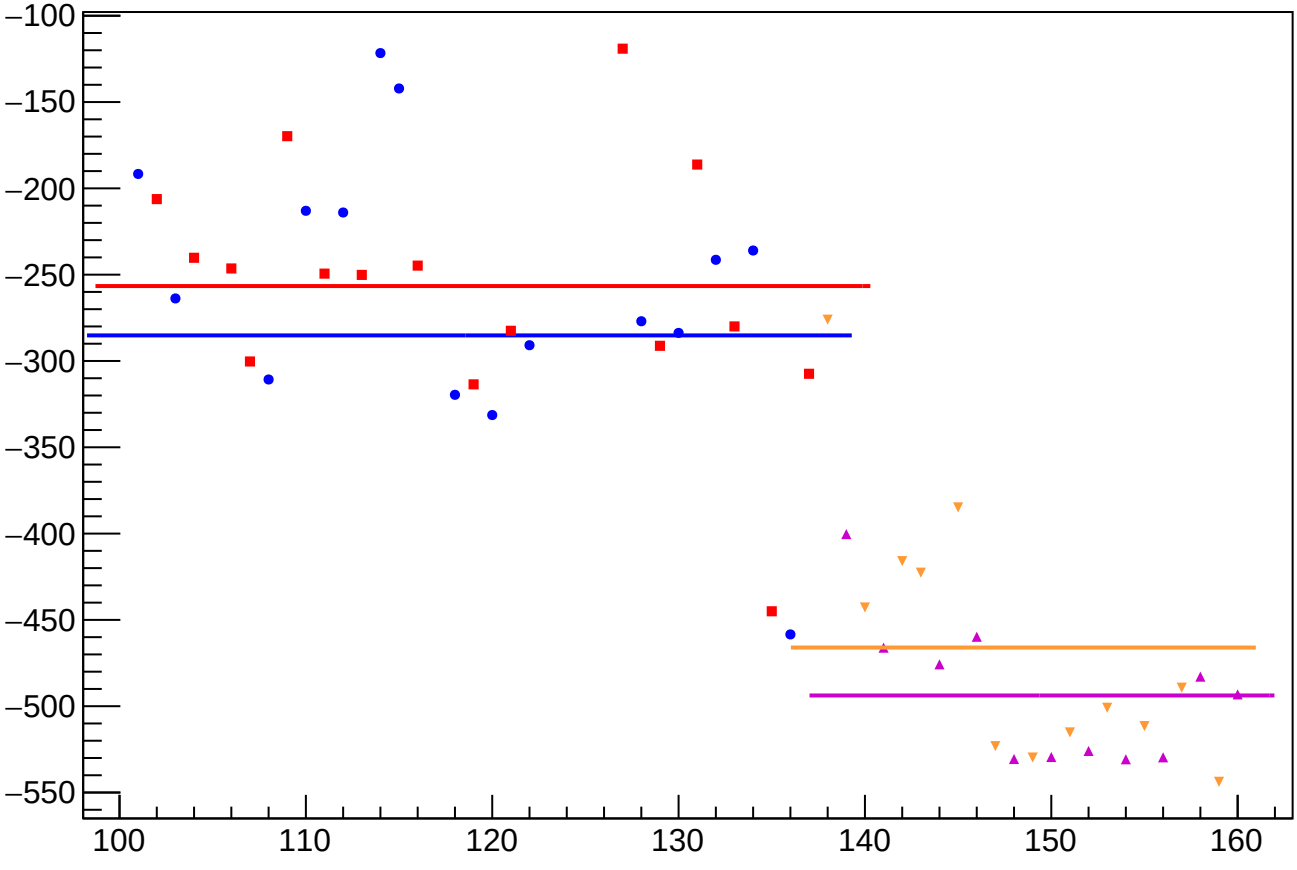
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14

Left Out: -466.012+/-0.000 χ^2/NDF:5190970068830574132794472761412026368.0/11

Right Out: -256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

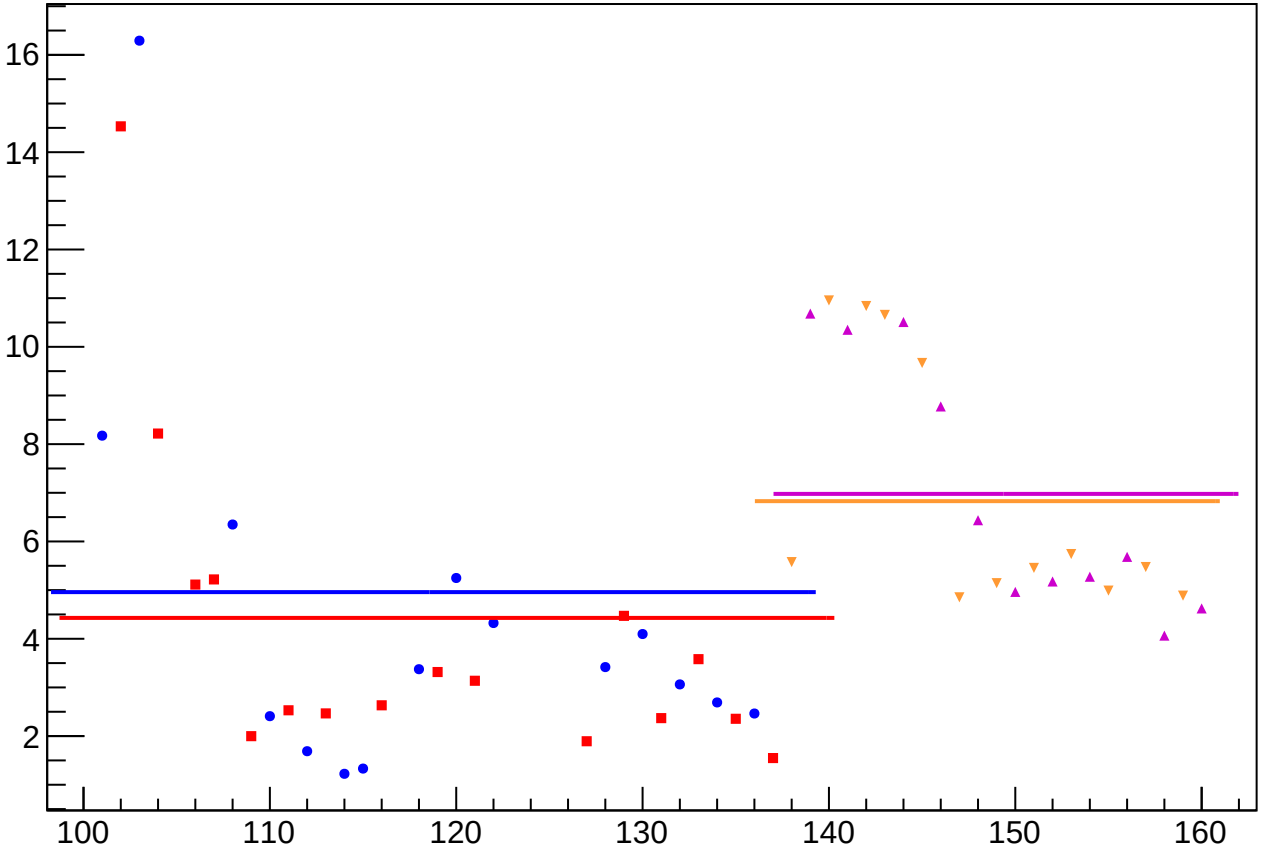
Left In: -493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10

+ sign -390.928+/-0.000 χ^2/NDF: 22079891664929

All: -392.652+/-0.000 χ^2/NDF: 4898061305 9

- sign -394.346+/-0.000 χ^2/NDF: 26891512652234 9

dit_4eX_coil1_err_mean vs Slug



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

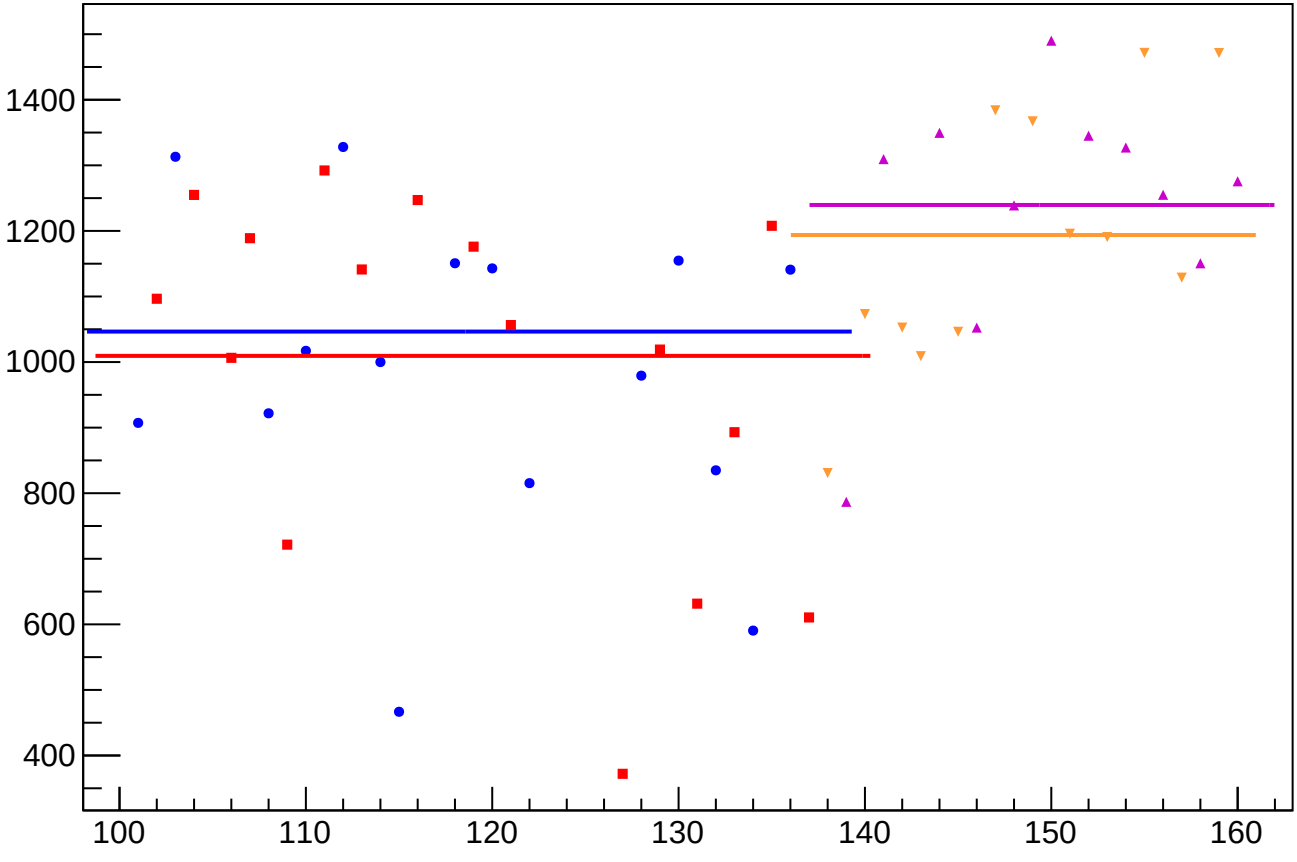
Left In: 6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

+ sign 6.052+/-0.000 χ^2/NDF: 17165819902724187

All: 5.980+/-0.000 χ^2/NDF: 3369237121731 7

- sign 5.909+/-0.000 χ^2/NDF: 16510437517508147

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

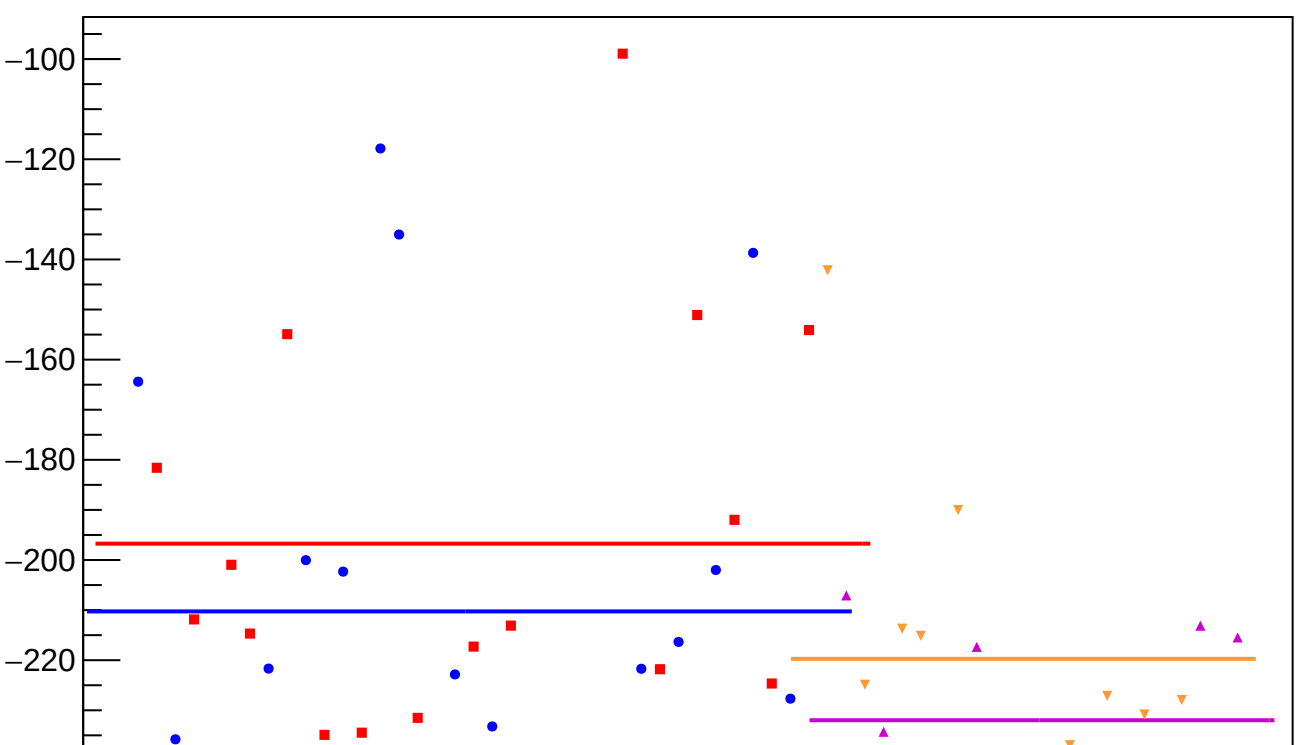
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

+ sign -215.798+/-0.000 χ^2/NDF: 12928194150556

Left Out: -219.729+/-0.000 χ^2/NDF:691090878567021644145539364306288640.0/11

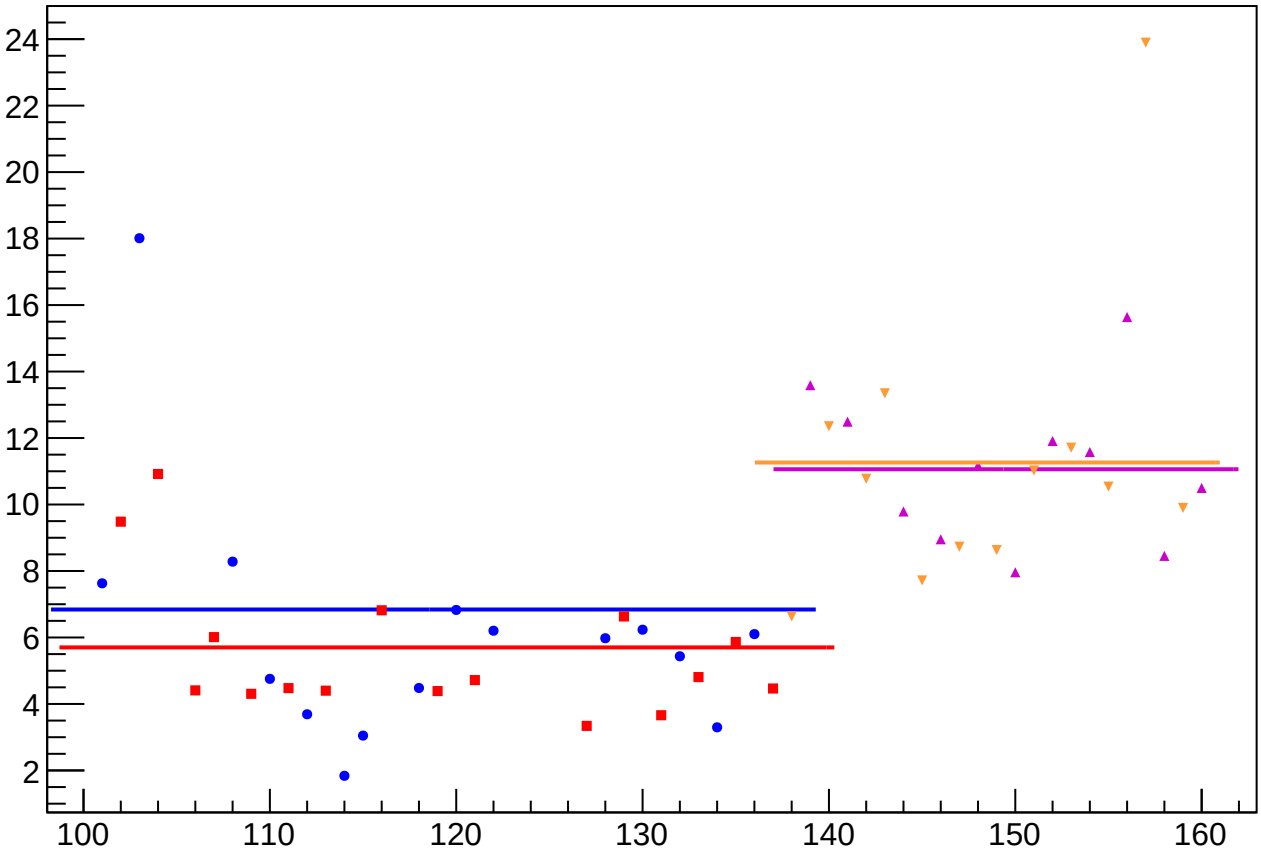
All: -216.509+/-0.000 χ^2/NDF: 2868258790 5

Right Out: -196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

- sign -217.208+/-0.000 χ^2/NDF: 15738723291882 8

Left In: -231.985+/-0.000 χ^2/NDF:18299202728040146313906510529088716 8.0/10

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000 χ^2/NDF: 9355934166823324467316647620771840.0/14

Left Out: 11.263+/-0.000 χ^2/NDF:16950484304495826735526537389408256.0/11

Right Out: 5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15

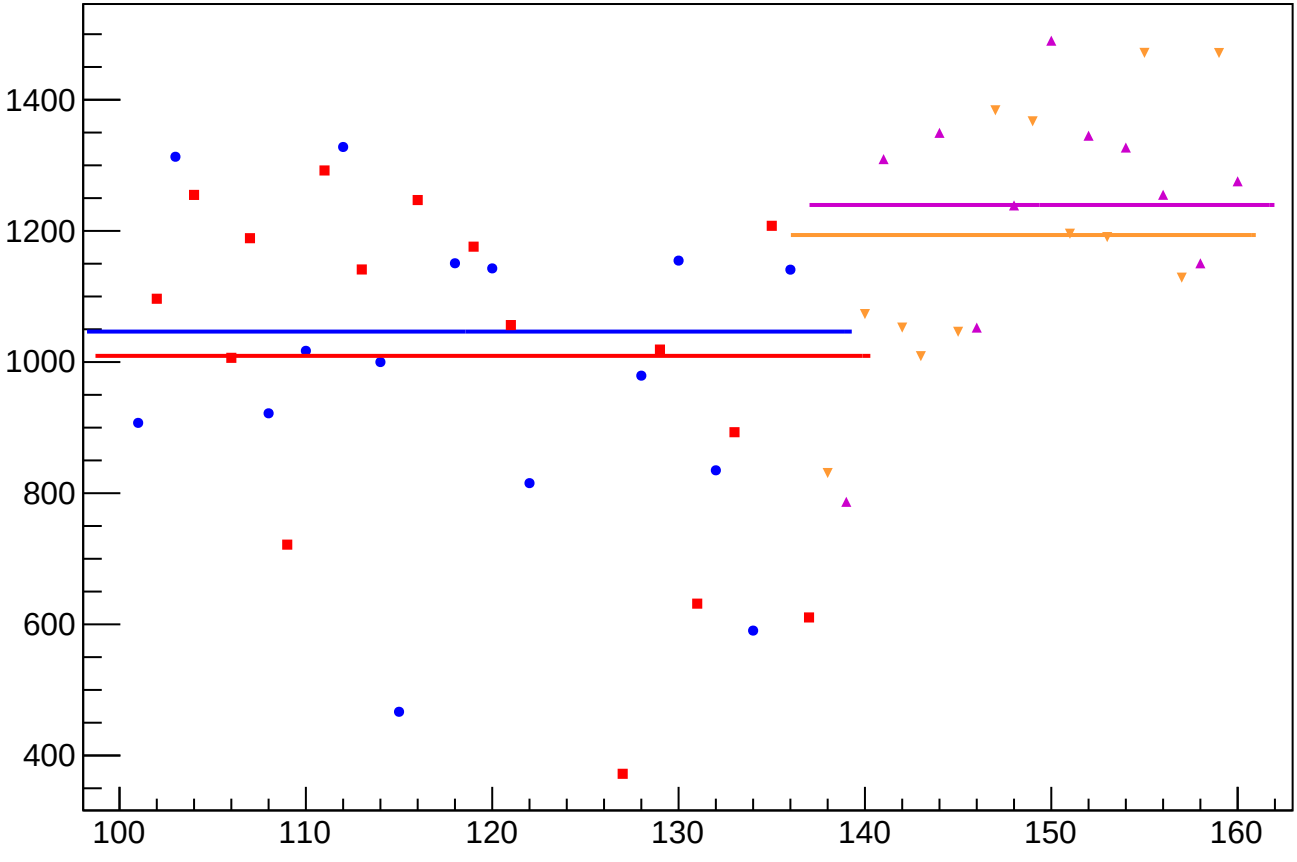
Left In: 11.061+/-0.000 χ^2/NDF:4417559387784954400311933713514496.0/10

+ sign 9.427+/-0.000 χ^2/NDF: 3372642652062640

All: 9.118+/-0.000 χ^2/NDF: 5274298923072

- sign 8.814+/-0.000 χ^2/NDF: 1871995538454847

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

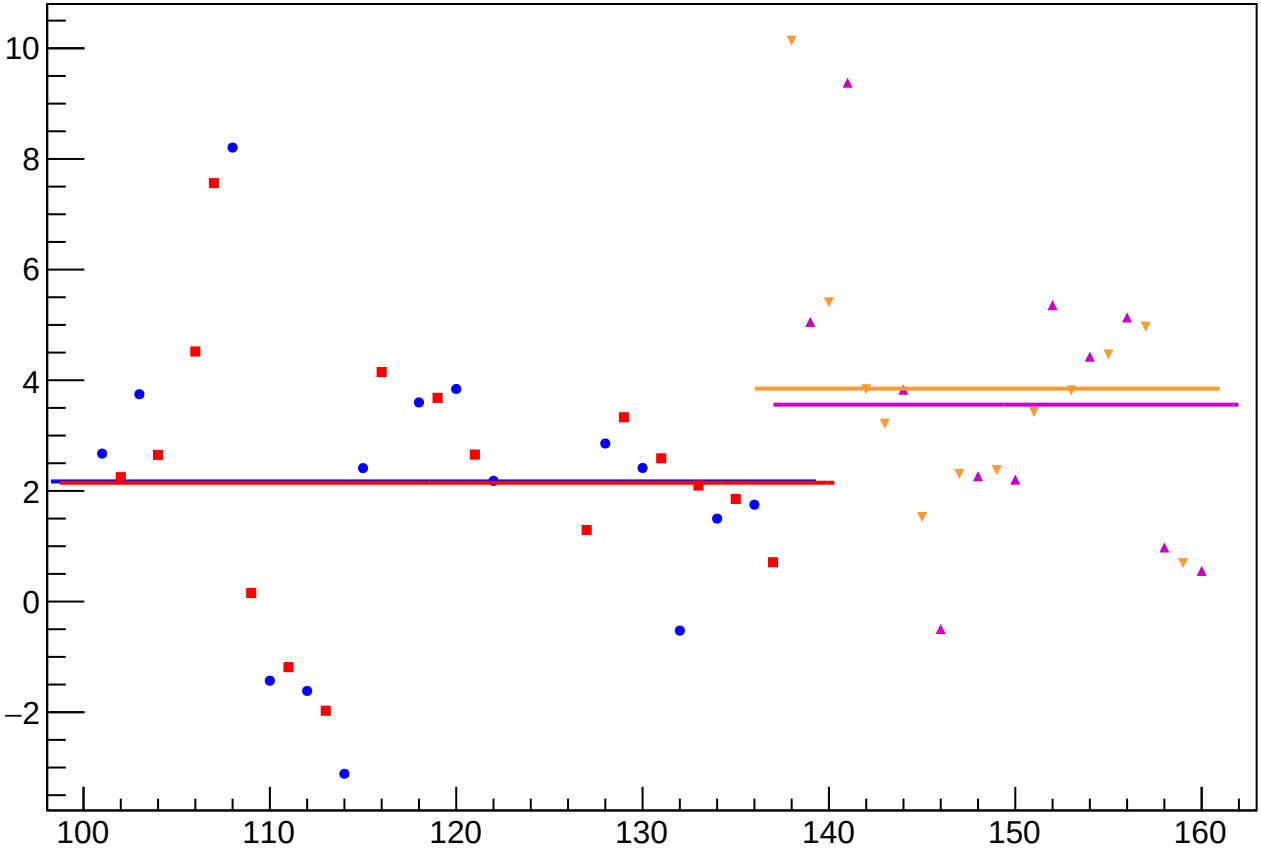
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

Left Out: 3.848+/-0.000 χ^2/NDF:503959945758893675940636016613785 6.0/11

Right Out: 2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187840 0.0/15

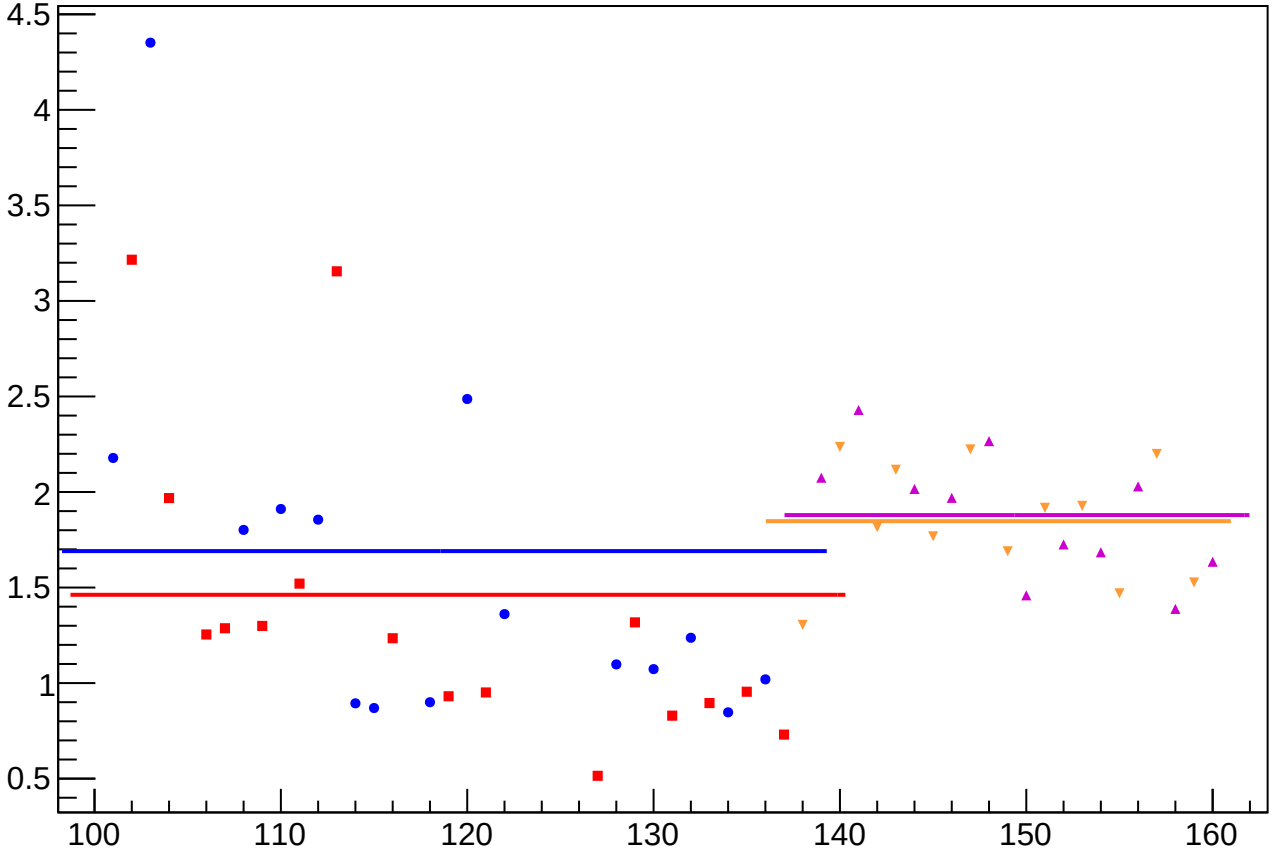
Left In: 3.559+/-0.000 χ^2/NDF:649266734510996254065216575871385 6.0/10

+ sign 3.152+/-0.000 χ^2/NDF: 9706740430384465 2

All: 3.059+/-0.000 χ^2/NDF: 2009161690014 0

- sign 2.967+/-0.000 χ^2/NDF: 1035792346167818 0

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000 χ^2/NDF: 61216339331760985967407941235507 2.0/14

Left Out: 1.847+/-0.000 χ^2/NDF:84162850183102511254837045231616.0/11

Right Out: 1.462+/-0.000 χ^2/NDF: 44438451166251904002237175483596 8.0/15

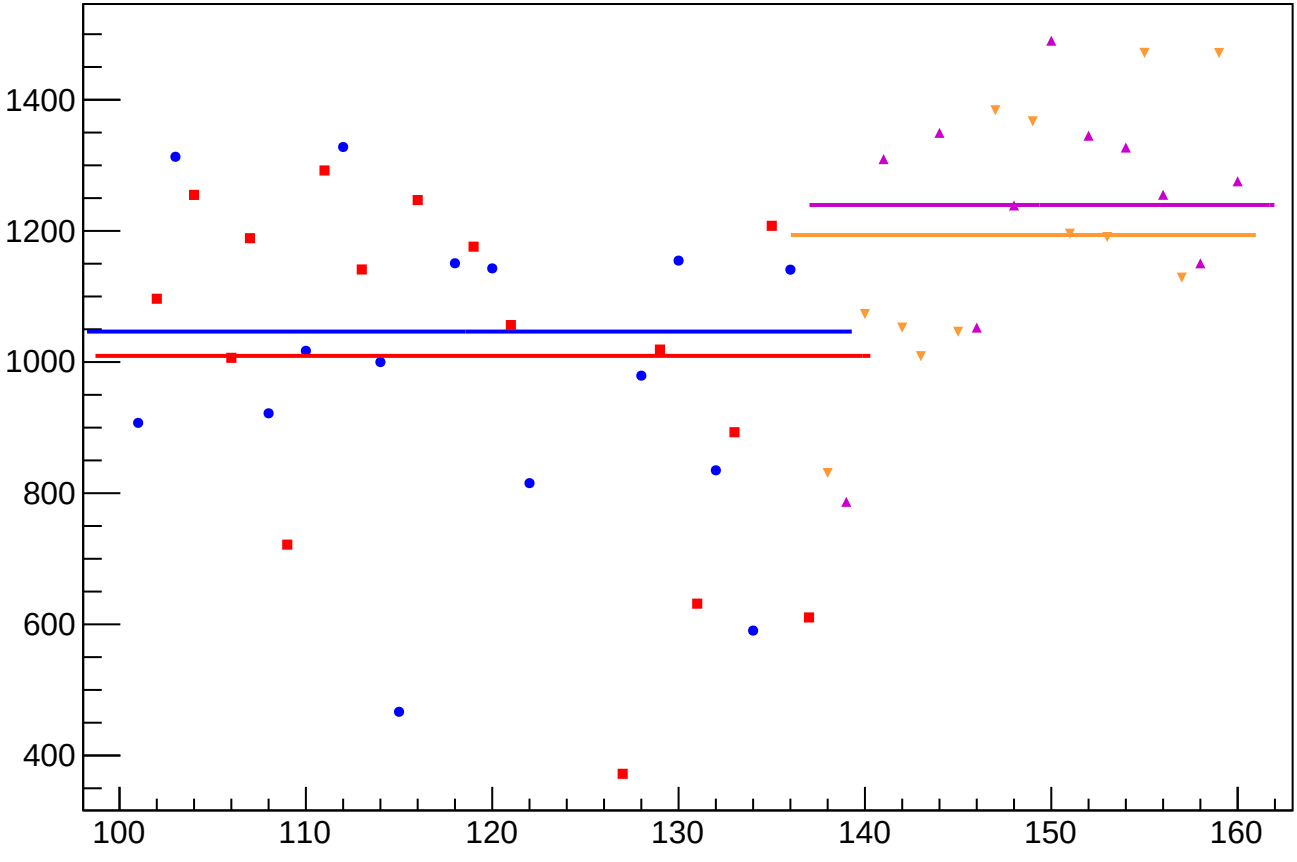
Left In: 1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

+ sign 1.782+/-0.000 χ^2/NDF: 7056481563225870 1

All: 1.743+/-0.000 χ^2/NDF: 1313220914474 7

- sign 1.704+/-0.000 χ^2/NDF: 6027735190939702 5

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

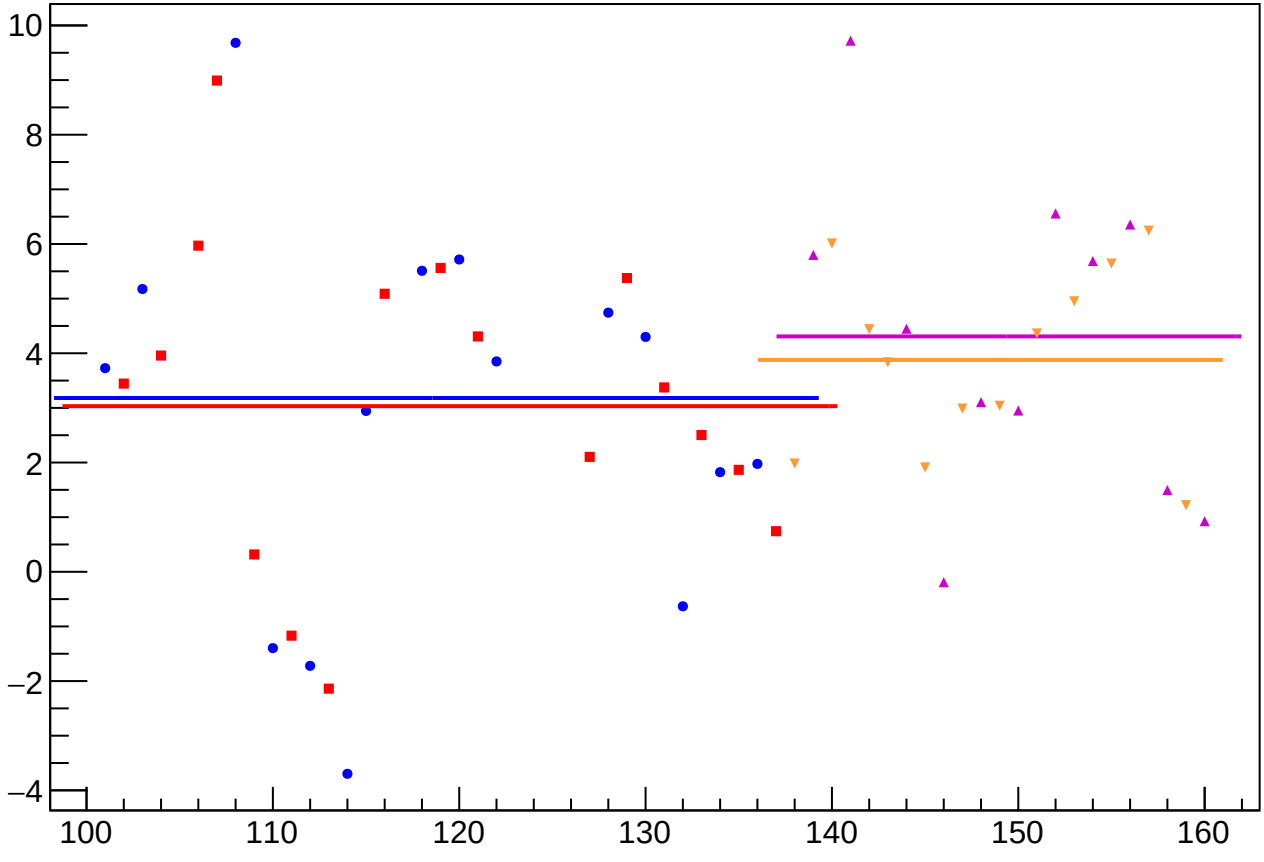
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000 χ^2/NDF: 583330322786825261770456639419187 2.0/14

+ sign 3.589+/-0.000 χ^2/NDF: 8481178719406326 3

Left Out: 3.878+/-0.000 χ^2/NDF:246358464028915850445921989741772 8.0/11

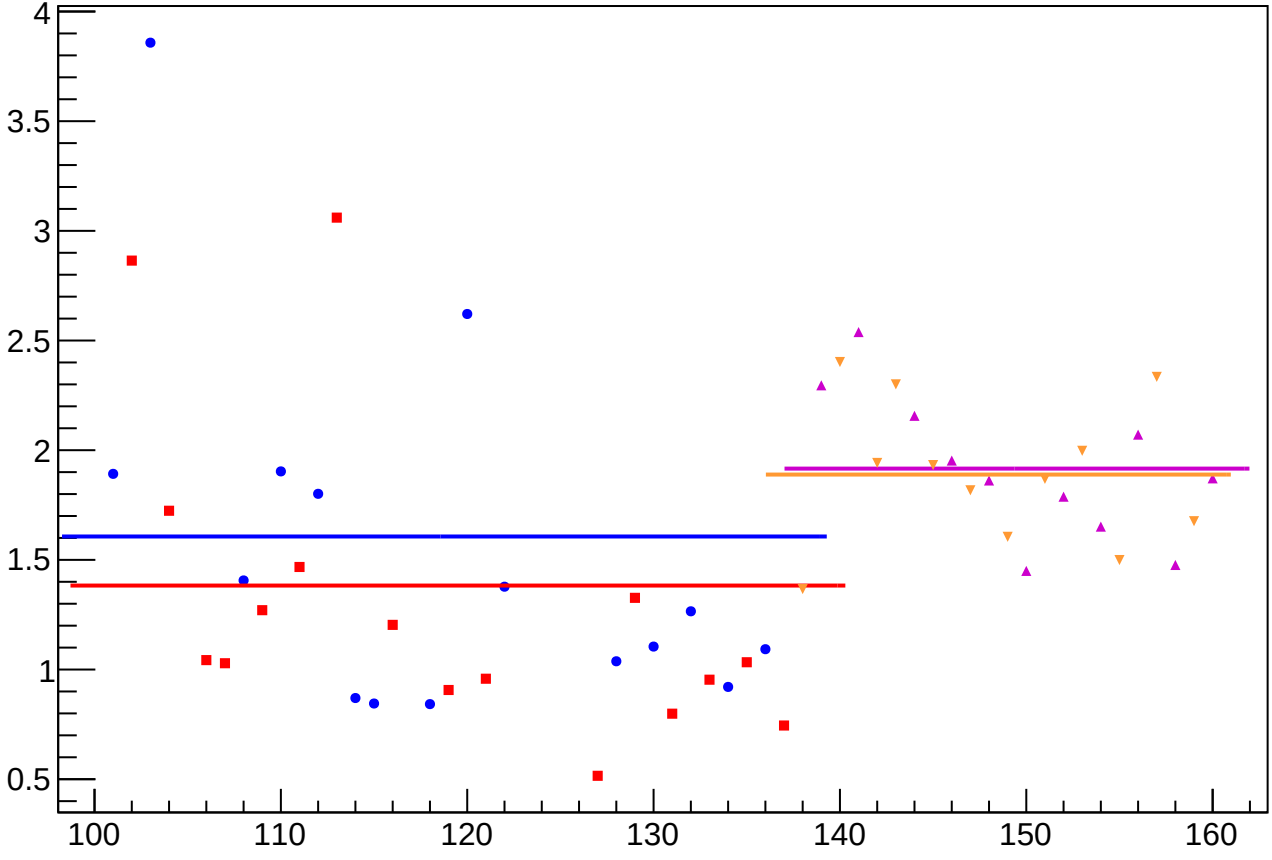
All: 3.682+/-0.000 χ^2/NDF: 2115006474861 8

Right Out: 3.032+/-0.000 χ^2/NDF: 493720983137179394549654683333427 2.0/15

- sign 3.773+/-0.000 χ^2/NDF: 1264203955766305 5

Left In: 4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

Left Out: 1.889+/-0.000 χ^2/NDF:9409732606406618817758724148428 8.0/11

Right Out: 1.383+/-0.000 χ^2/NDF: 3583488970162862009576503377920 00.0/15

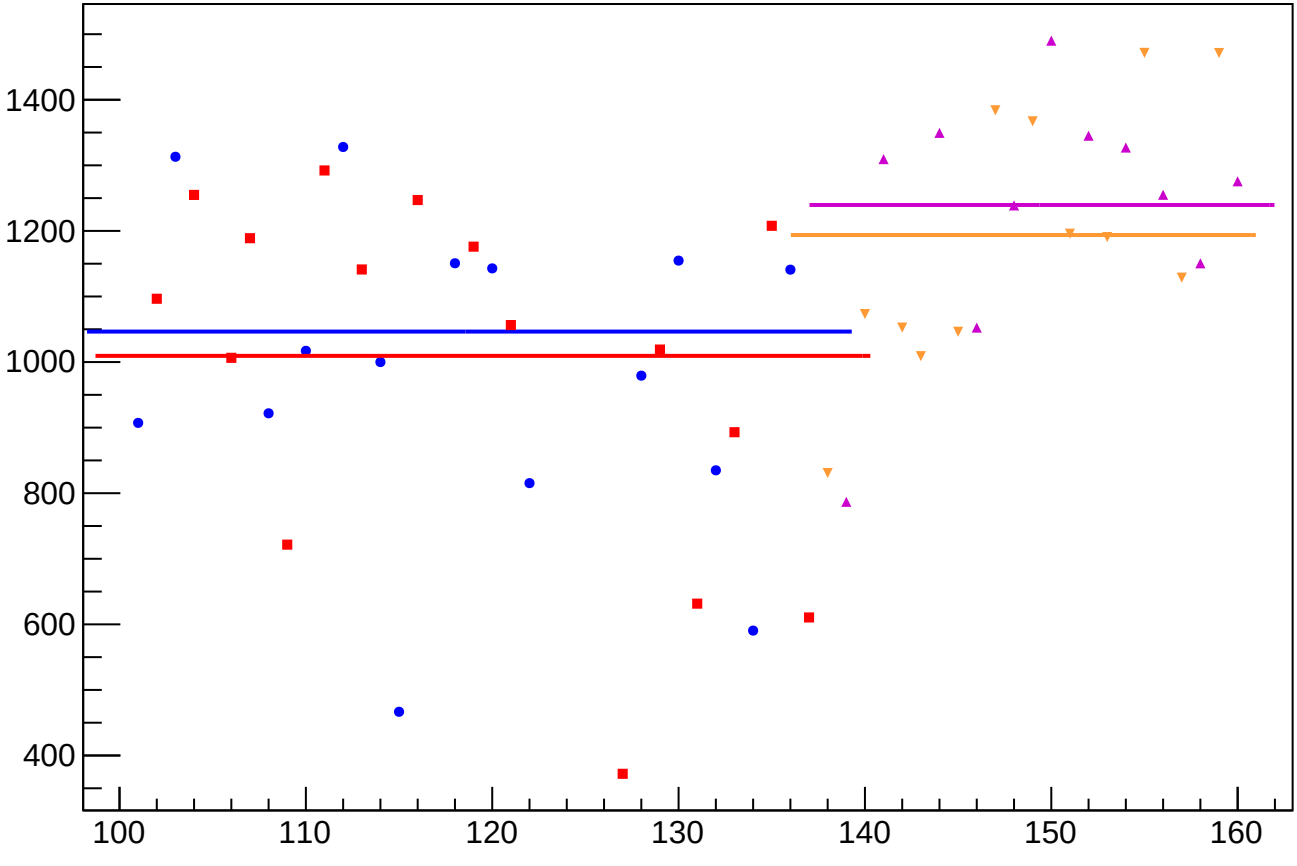
Left In: 1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

+ sign 1.772+/-0.000 χ^2/NDF: 5852917526076302 2

All: 1.732+/-0.000 χ^2/NDF: 1153974995120 4

- sign 1.693+/-0.000 χ^2/NDF: 5637459610946310 5

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

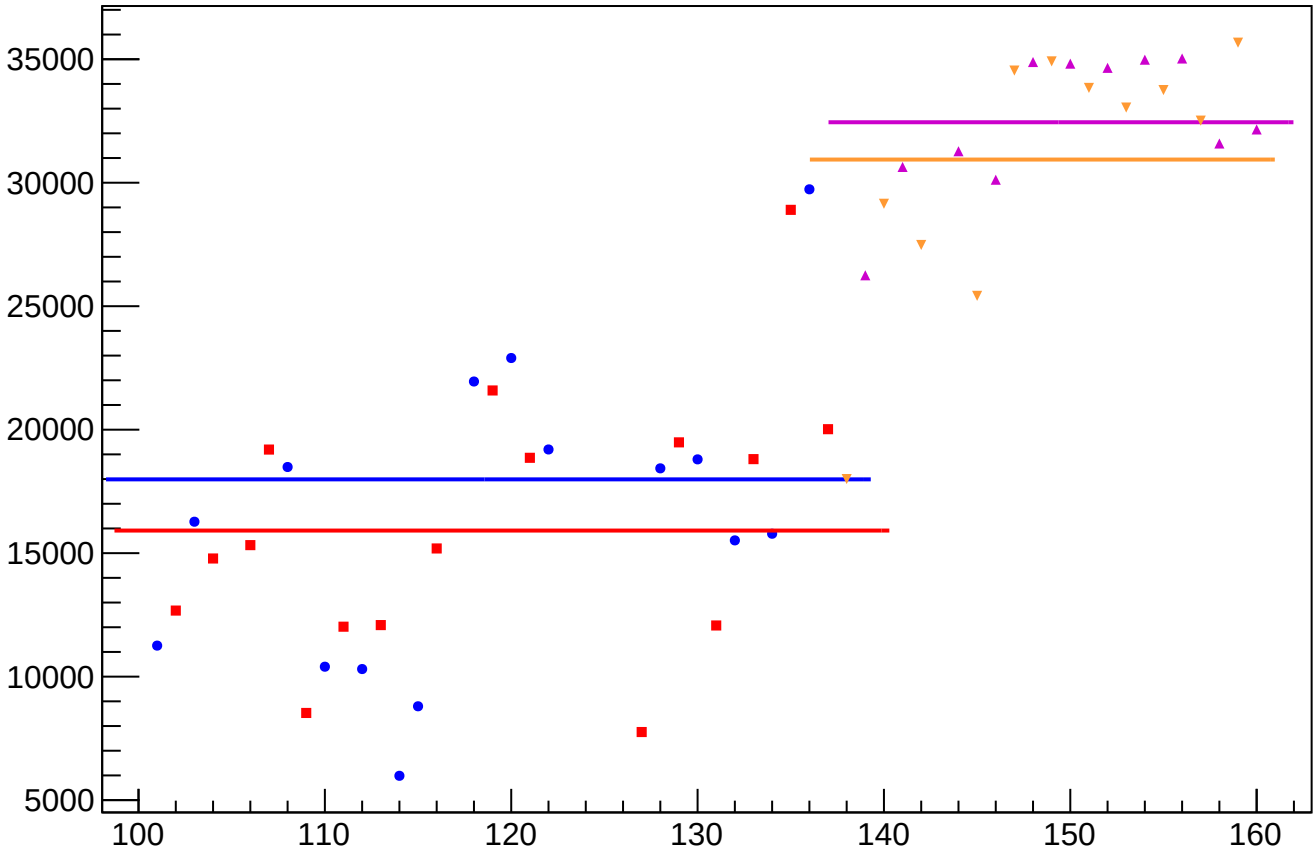
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

Left Out: 30938.190+/-0.000 χ^2/NDF:2223120169525786977327536910002239517491 2.0/10

Right Out: 15915.227+/-0.000 χ^2/NDF: 1995418967470595270704228741608722399232 0.0/15

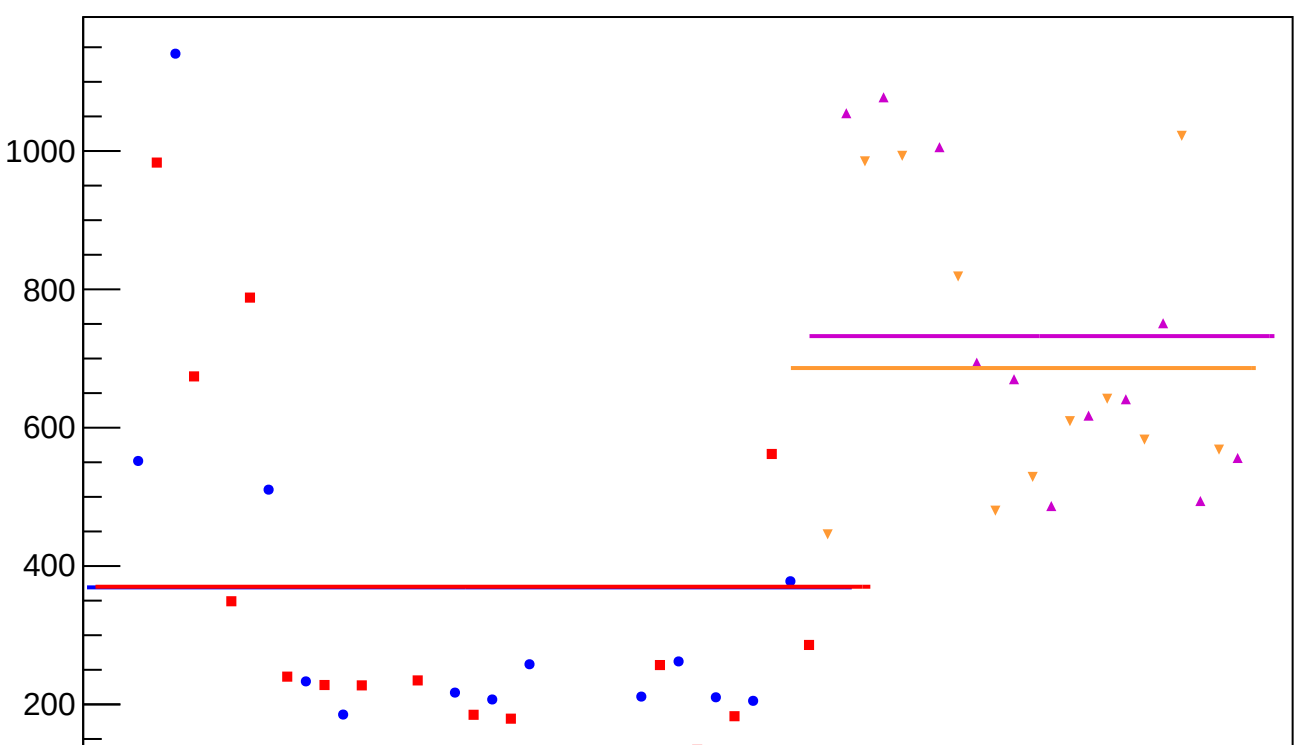
Left In: 32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10

+ sign 25320.173+/-0.000 χ^2/NDF: 1086683983858

All: 25421.772+/-0.000 χ^2/NDF: 2411086165

- sign 25517.305+/-0.000 χ^2/NDF: 1324102555101

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF: 4805303678956548599419583334137095782 4.0/14

Left Out: 686.240+/-0.000 χ^2/NDF:3441723616784298376615921256251365785 6.0/10

Right Out: 370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15

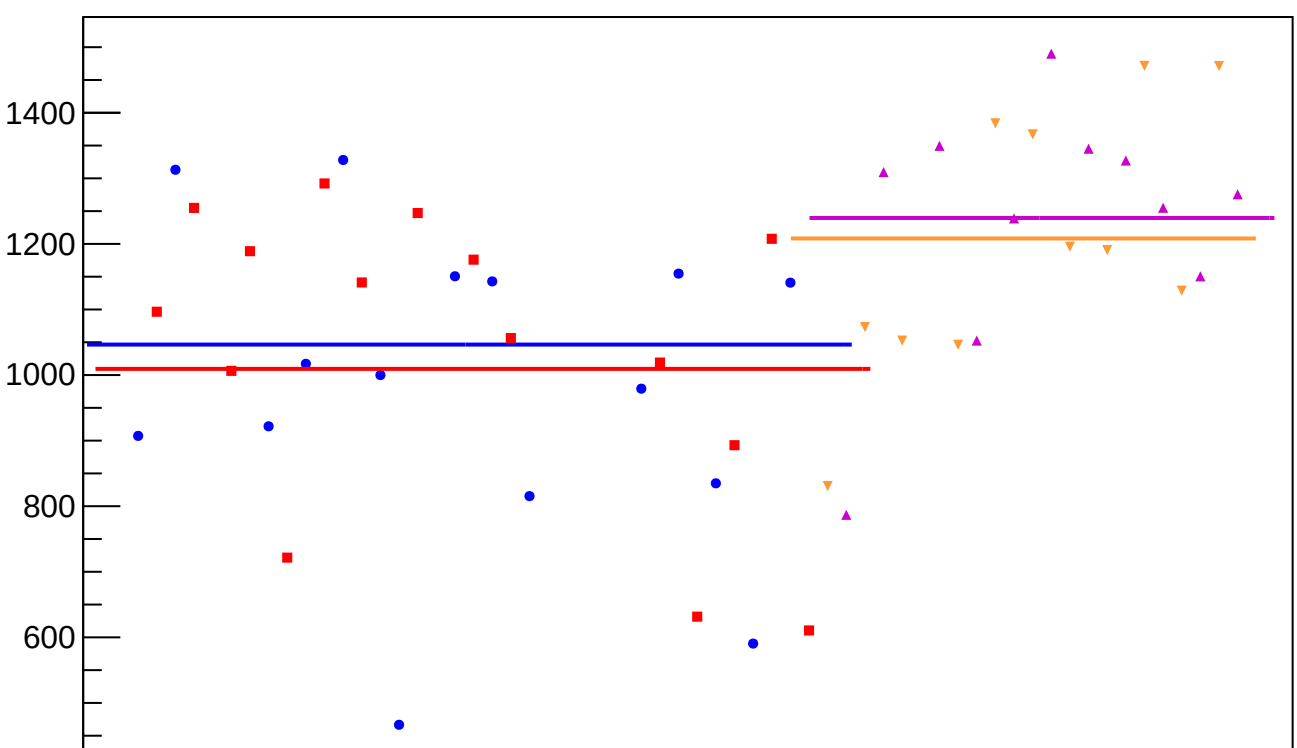
Left In: 732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10

+ sign 548.687+/-0.000 χ^2/NDF: 119411567412423

All: 565.091+/-0.000 χ^2/NDF: 25920240108 2

- sign 580.516+/-0.000 χ^2/NDF: 139009735968020

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1208.342+/-0.000 χ^2/NDF:319202709490654562159551156367015280 64.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

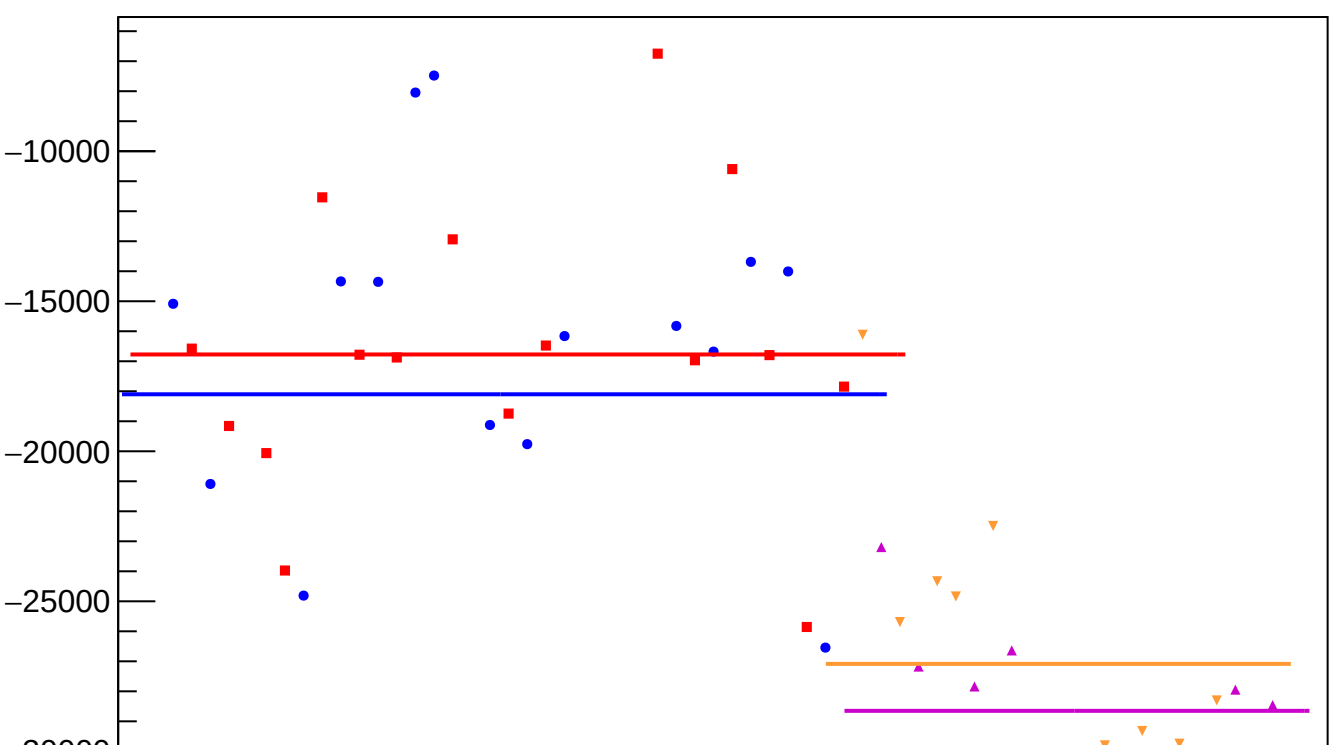
Left In: 1239.553+/-0.000 χ^2/NDF:291161803304255052425940307043900456 96.0/10

+ sign 1138.127+/-0.000 χ^2/NDF: 6641265069081 5

All: 1140.682+/-0.000 χ^2/NDF: 1606617172 9

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Left Out: -27085.326+/-0.000 χ^2/NDF:1691367179083000245172471305621049285017 6.0/11

Right Out: -16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

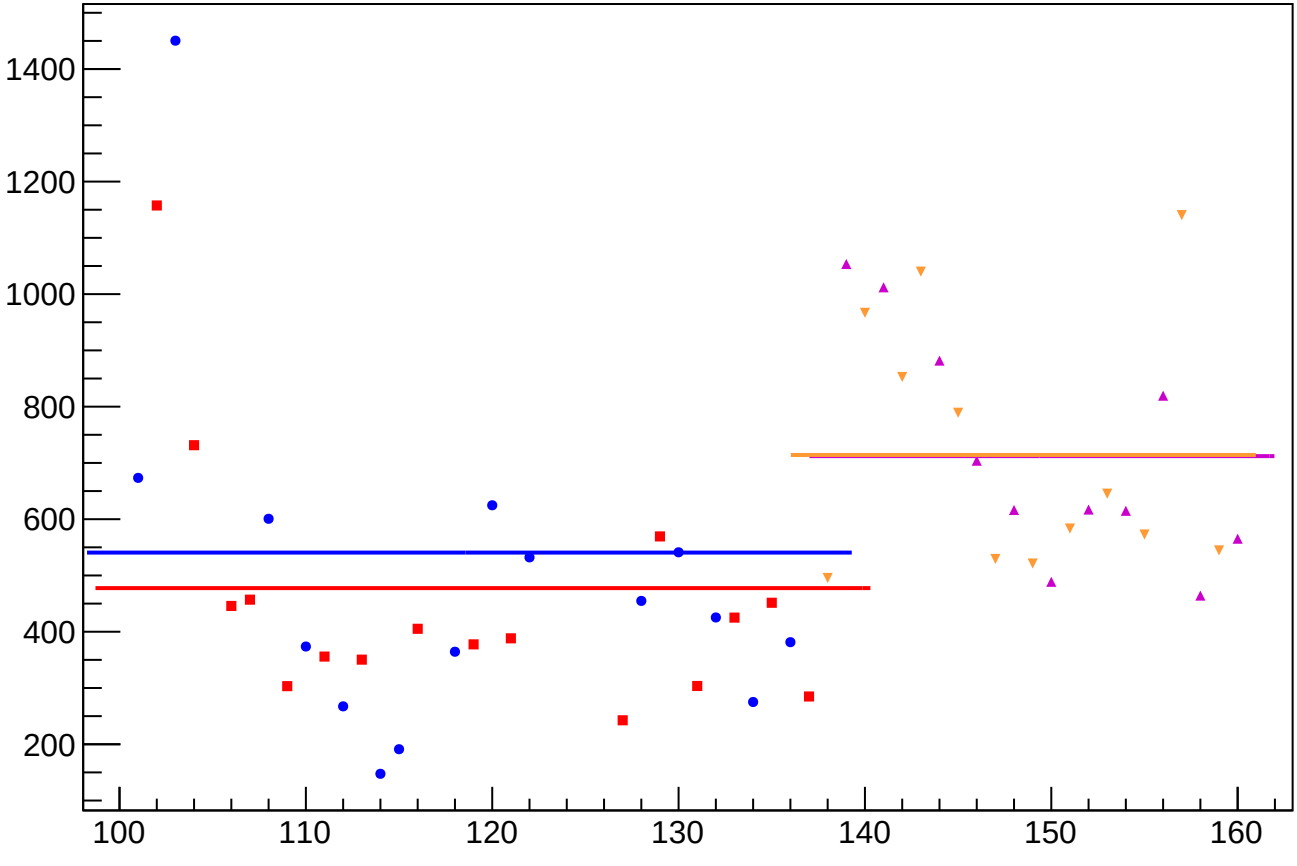
Left In: -28650.410+/-0.000 χ^2/NDF:4838827535981080826725947474344765554688.0/10

+ sign -23354.640+/-0.000 χ^2/NDF: 621850607090

All: -23514.355+/-0.000 χ^2/NDF: 135979518

- sign -23671.259+/-0.000 χ^2/NDF: 7371541854107

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

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

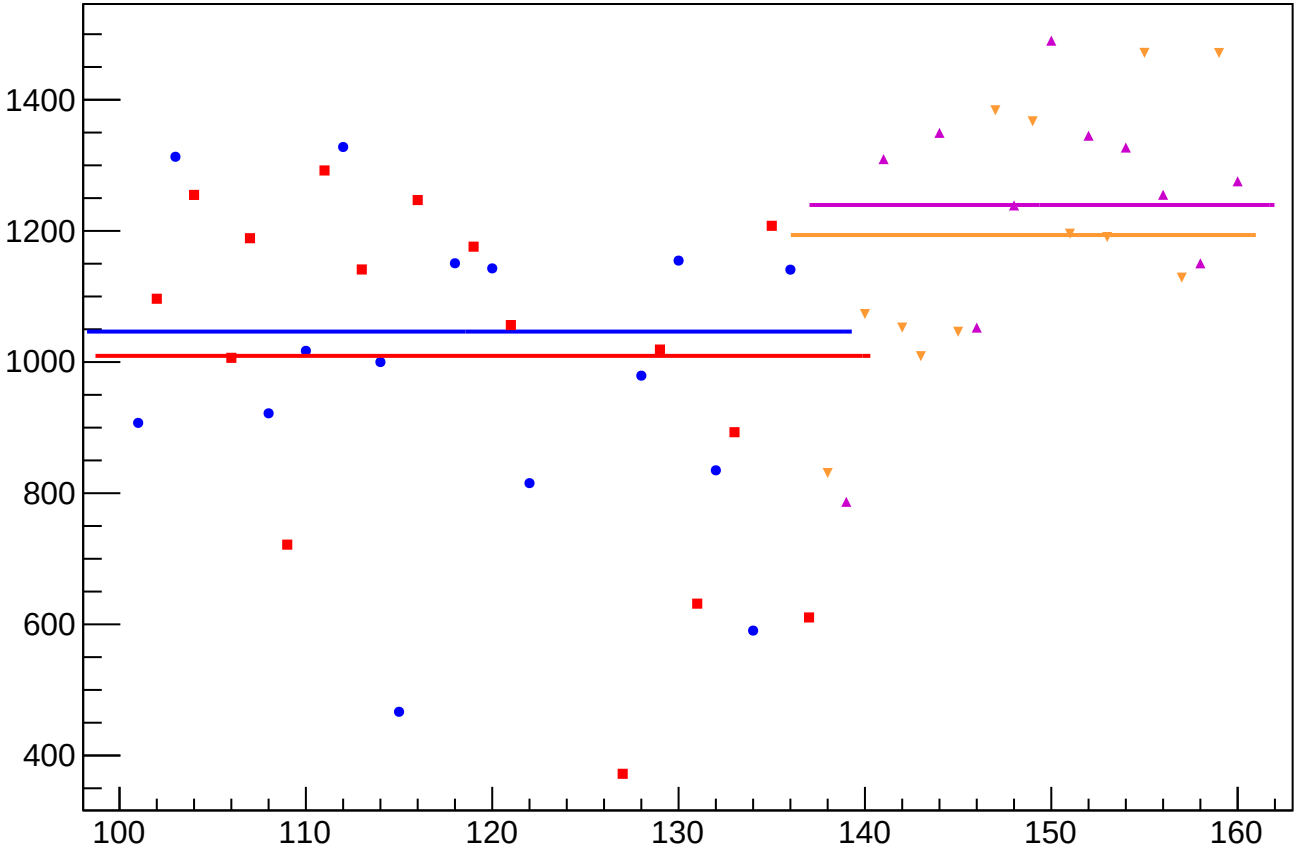
Left In: 712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

+ sign 642.112+/-0.000 χ^2/NDF: 1191300778027 78

All: 627.811+/-0.000 χ^2/NDF: 2139641066 83

- sign 613.763+/-0.000 χ^2/NDF: 942003984332138

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

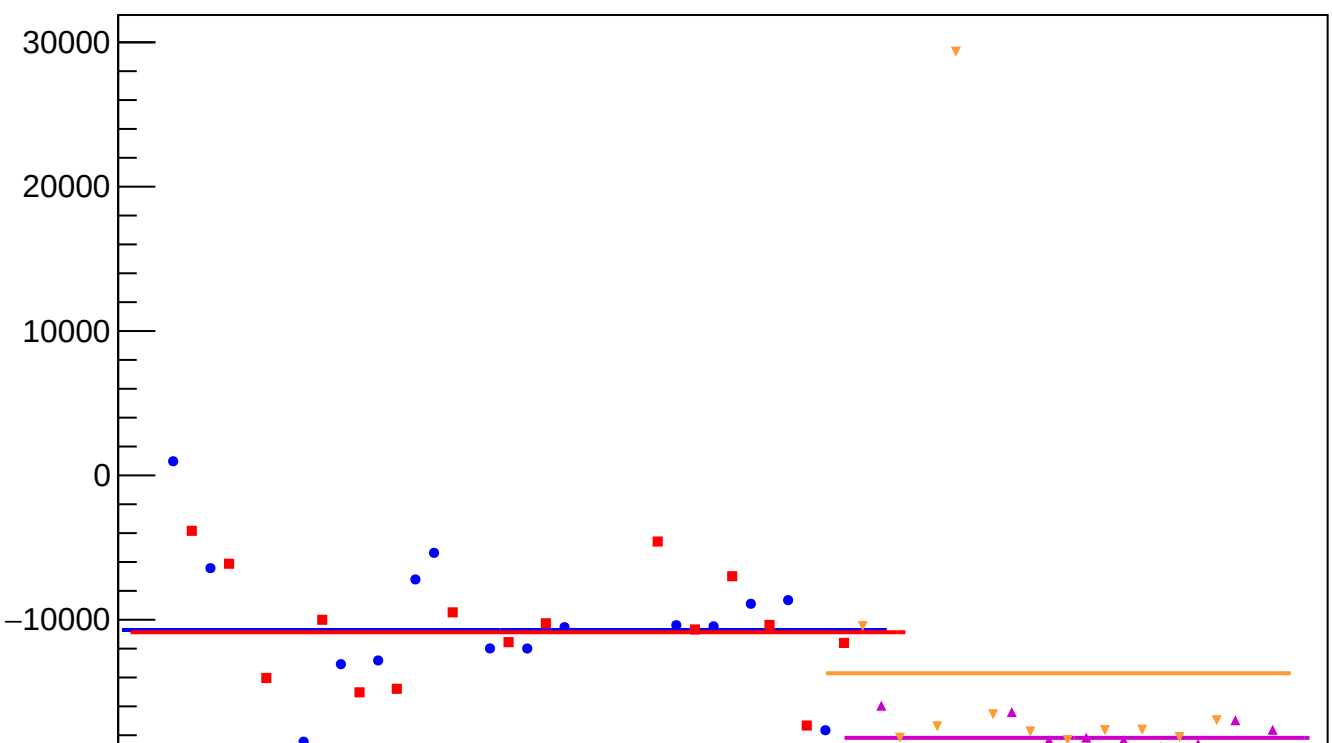
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

+ sign -12461.801+/-0.000 χ^2/NDF: 158576463536

Left Out: -13705.488+/-0.000 χ^2/NDF:138226511026527050662319693841079709204480.0/11

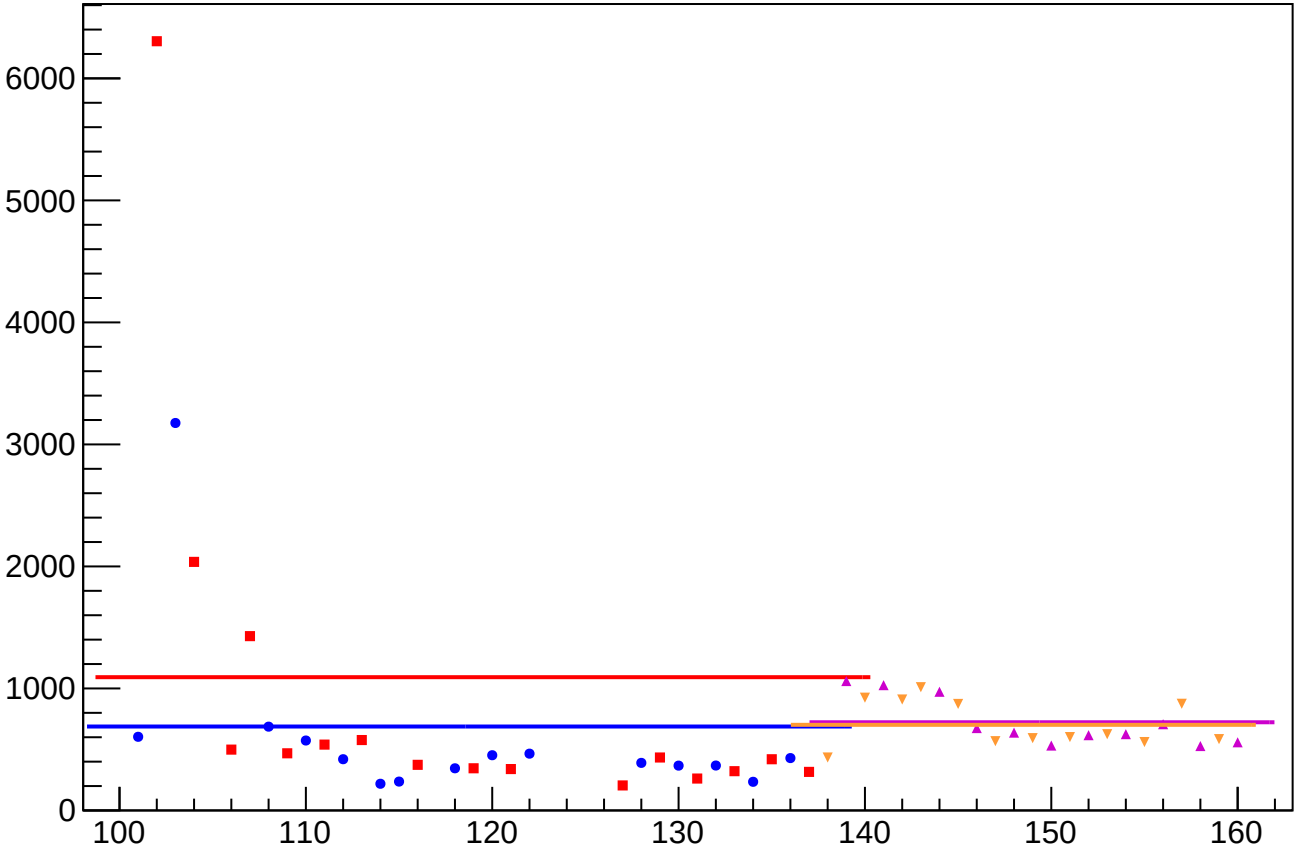
All: -13800.033+/-0.000 χ^2/NDF: 200733129

Right Out: -10866.264+/-0.000 χ^2/NDF: 142347628388583824845259016441316266475 52.0/15

- sign -15114.713+/-0.000 χ^2/NDF: 366076884081

Left In: -18181.504+/-0.000 χ^2/NDF:164361718357264786881891428916283834368 0.0/10

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

+ sign 696.059+/-0.000 χ^2/NDF: 43838207845777 4

Left Out: 701.825+/-0.000 χ^2/NDF:290117524522646242642824485730988851 20.0/11

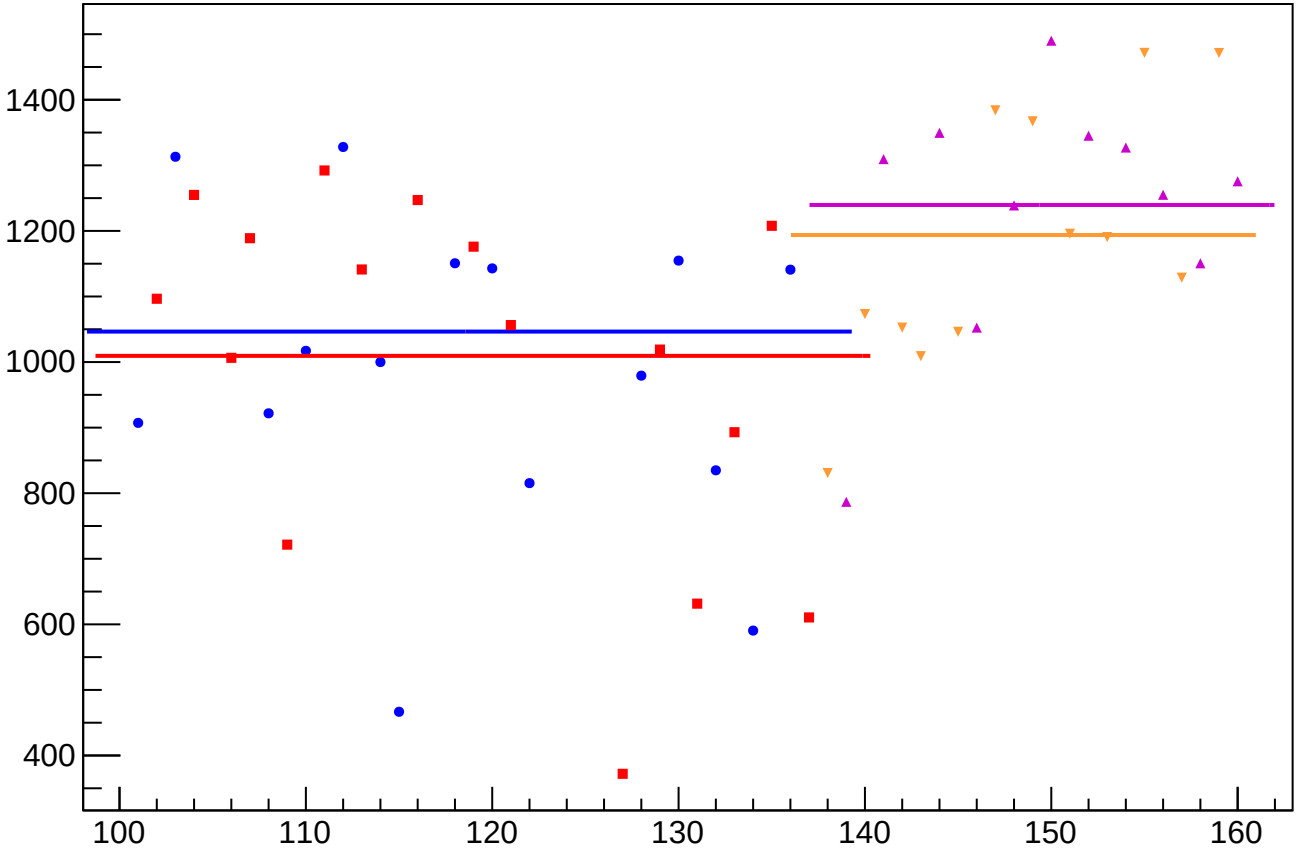
All: 787.665+/-0.000 χ^2/NDF: 2434168948 39

Right Out: 1092.265+/-0.000 χ^2/NDF: 188319814292960581345623381294694845 6448.0/15

- sign 877.659+/-0.000 χ^2/NDF: 19697853901896 5

Left In: 722.743+/-0.000 χ^2/NDF:33693137116513948077860330410535288832.0/10

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

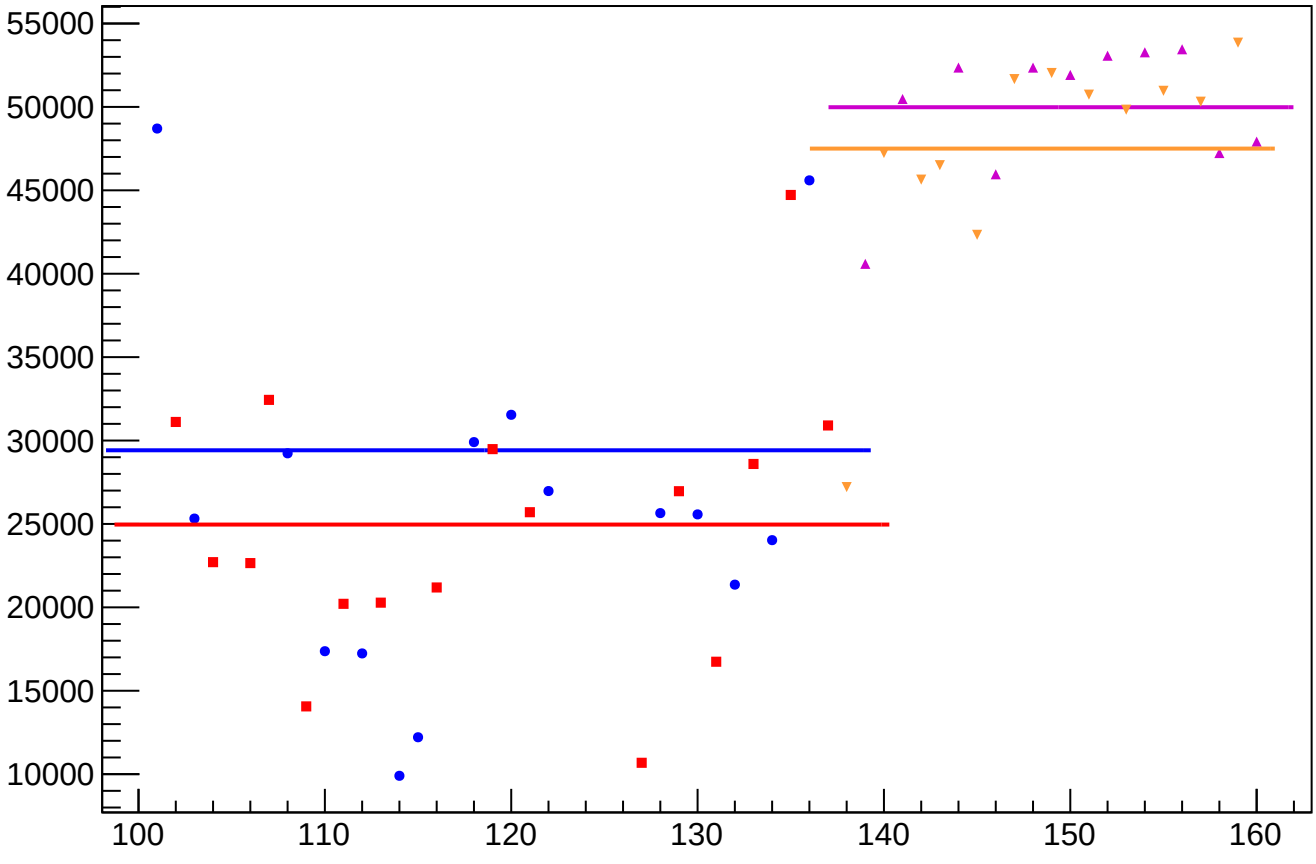
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

+ sign 39992.082+/-0.000 χ^2/NDF: 2394993878358

Left Out: 47501.916+/-0.000 χ^2/NDF:4359171533493380164556519983676176675635 2.0/11

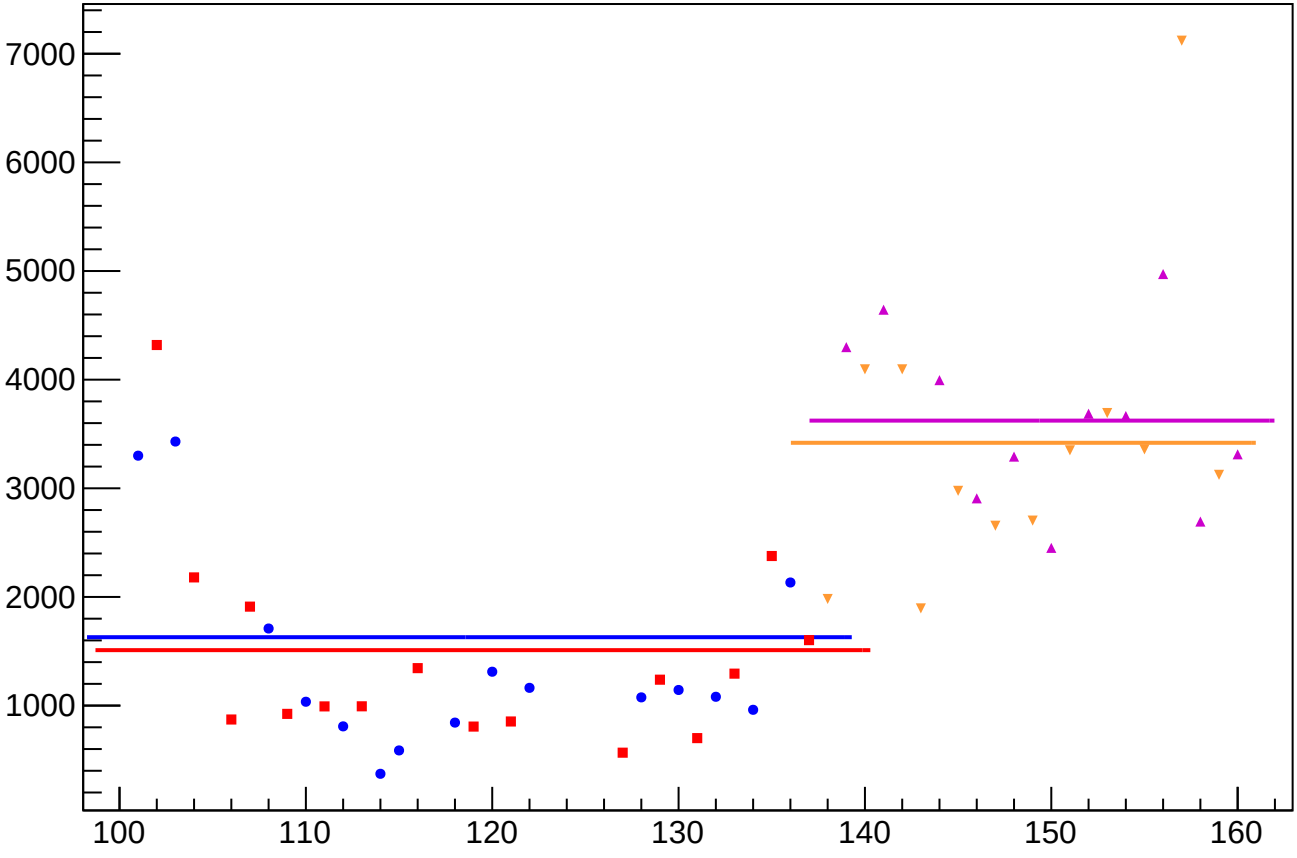
All: 39740.450+/-0.000 χ^2/NDF: 5413093002

Right Out: 24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

- sign 39493.245+/-0.000 χ^2/NDF: 3016137188389

Left In: 49982.063+/-0.000 χ^2/NDF:1350582101930560384612112134471797021081 6.0/10

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

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

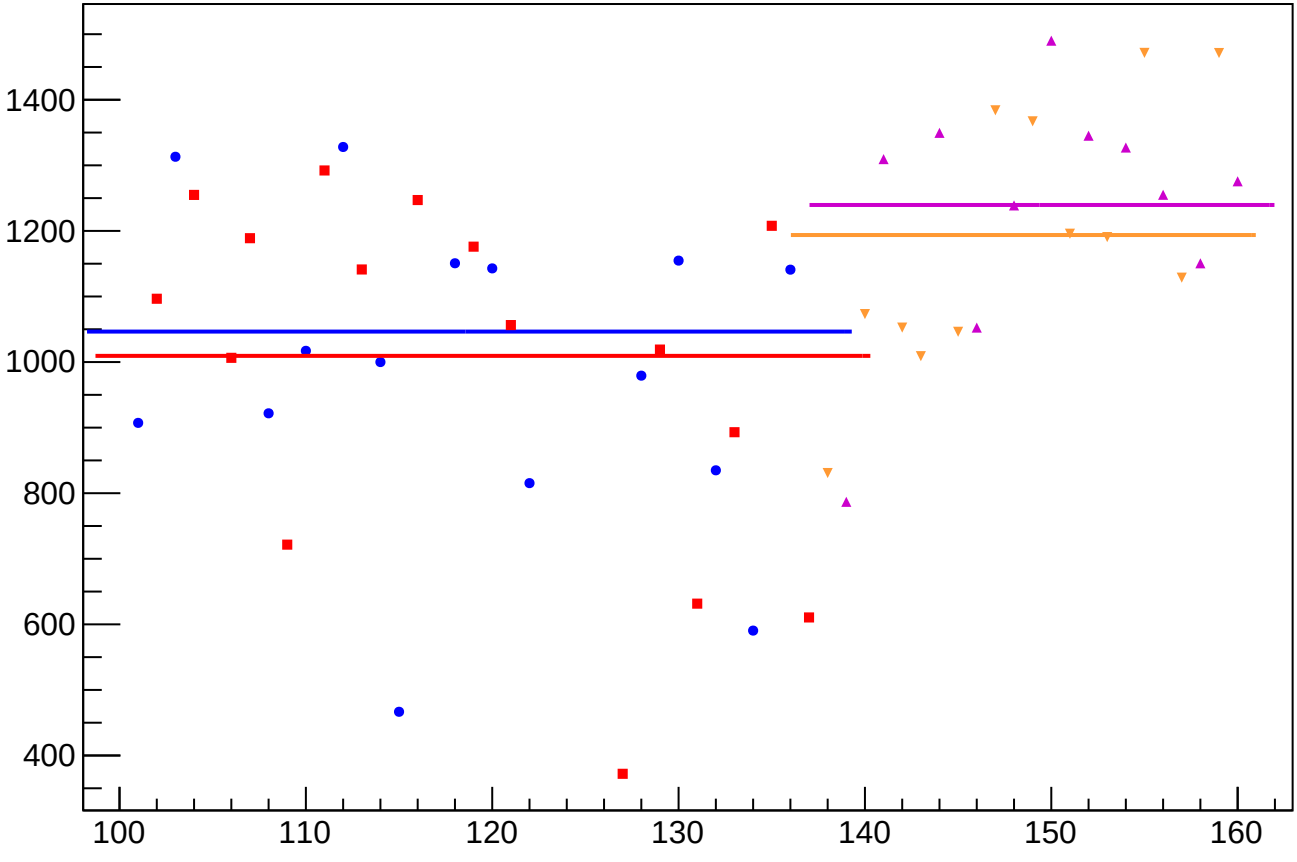
Left In: 3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

+ sign 2675.926+/-0.000 χ^2/NDF: 3342430084804 2

All: 2706.904+/-0.000 χ^2/NDF: 6300549156 5

- sign 2737.338+/-0.000 χ^2/NDF: 2955145483288 7

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

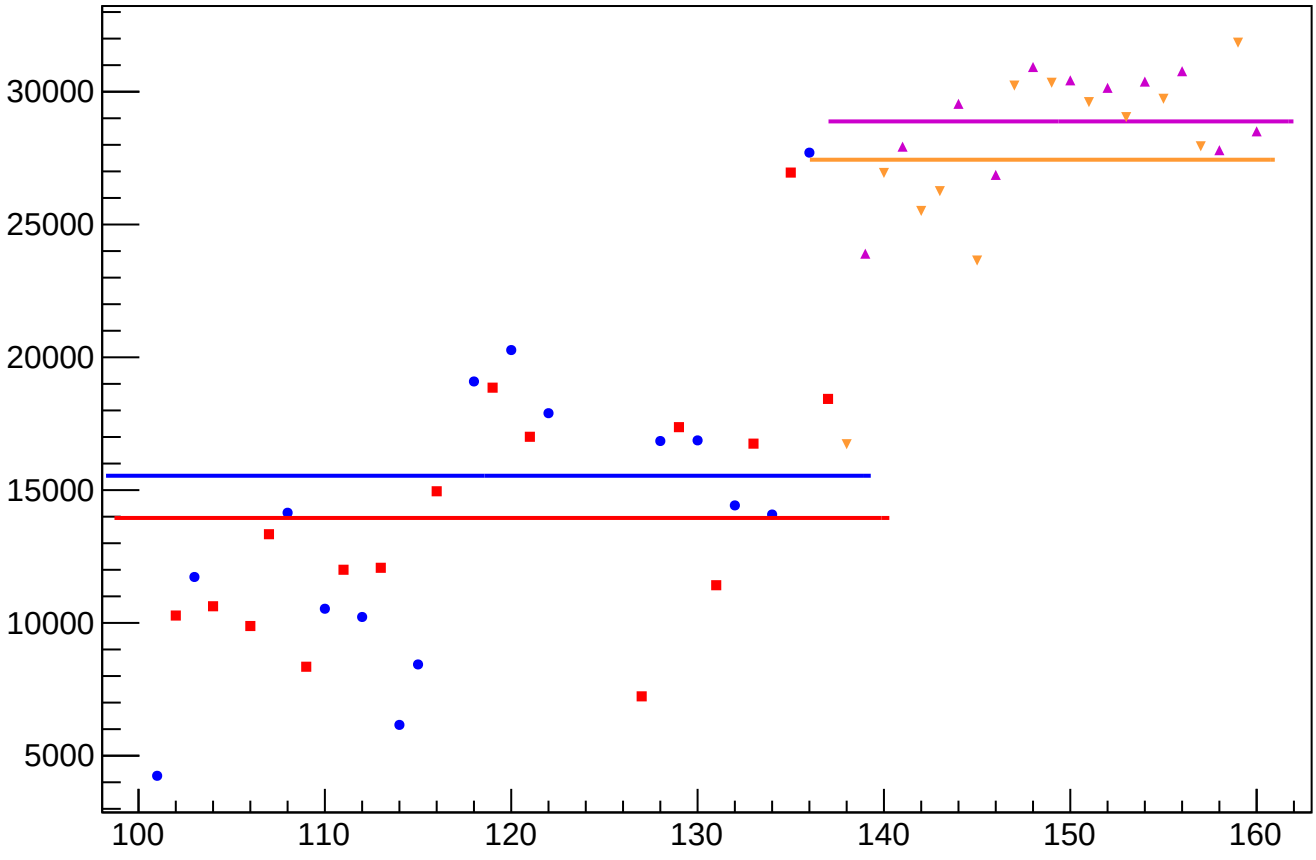
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

+ sign 22498.900+/-0.000 χ^2/NDF: 953635786596 4

Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11

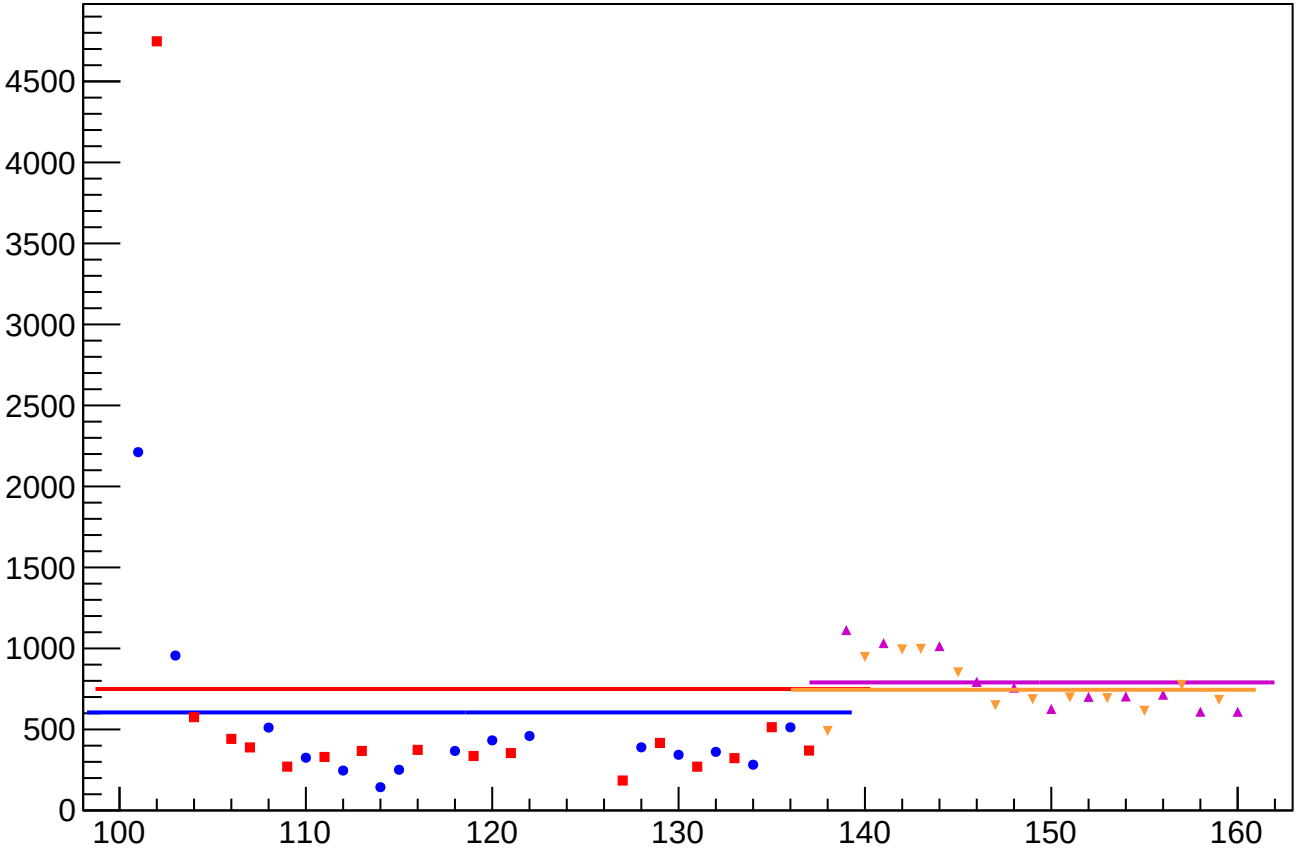
All: 22561.315+/-0.000 χ^2/NDF: 2024381611

Right Out: 13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

- sign 22622.631+/-0.000 χ^2/NDF: 1070625118466

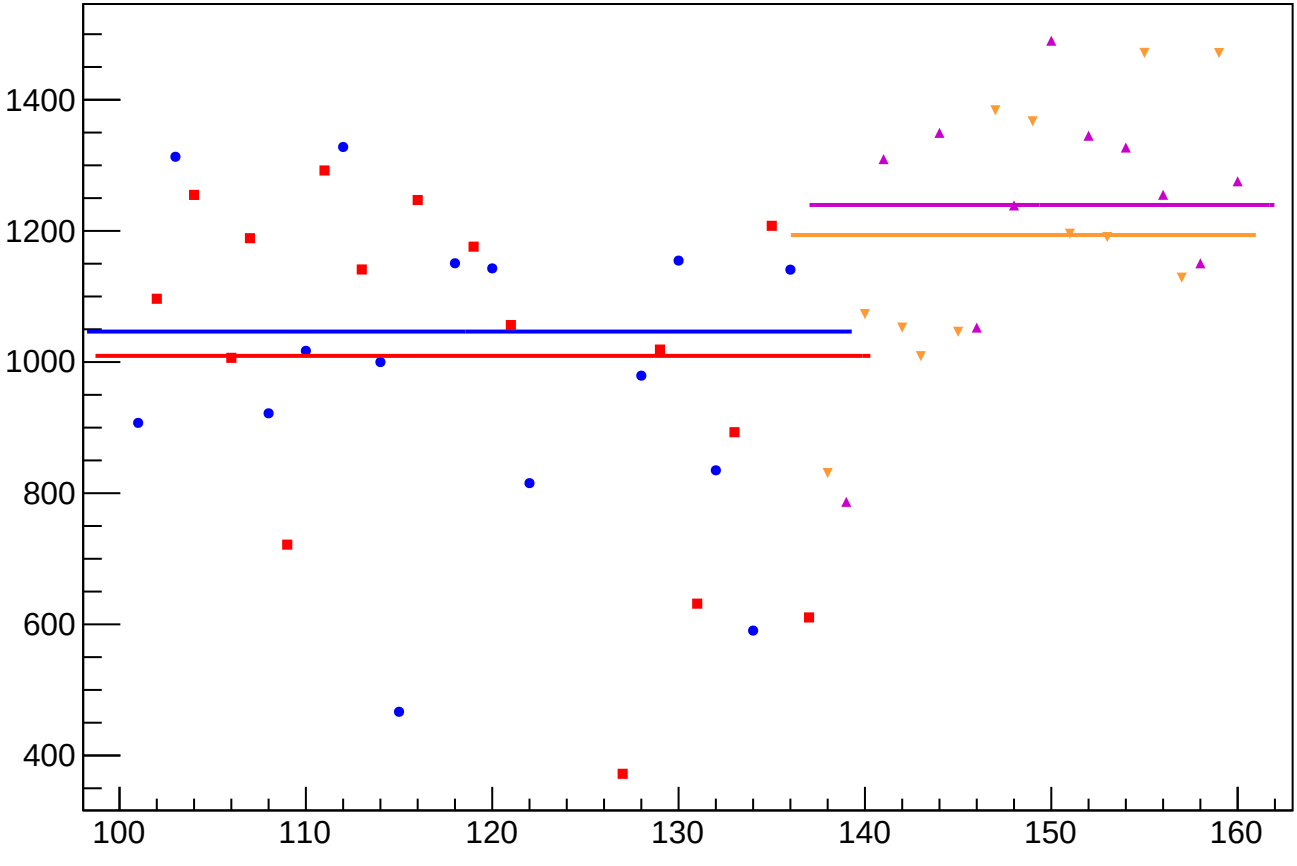
Left In: 28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
+ sign 686.873+/-0.000 χ^2/NDF: 216406275122554
Left Out: 744.985+/-0.000 χ^2/NDF:195714539842789617199362478705444126 72.0/11
All: 730.430+/-0.000 χ^2/NDF: 127166116576
Right Out: 749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418 8928.0/15
- sign 773.220+/-0.000 χ^2/NDF: 104937647672496
Left In: 790.283+/-0.000 χ^2/NDF:273759951630115601013491669494378004 48.0/10

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

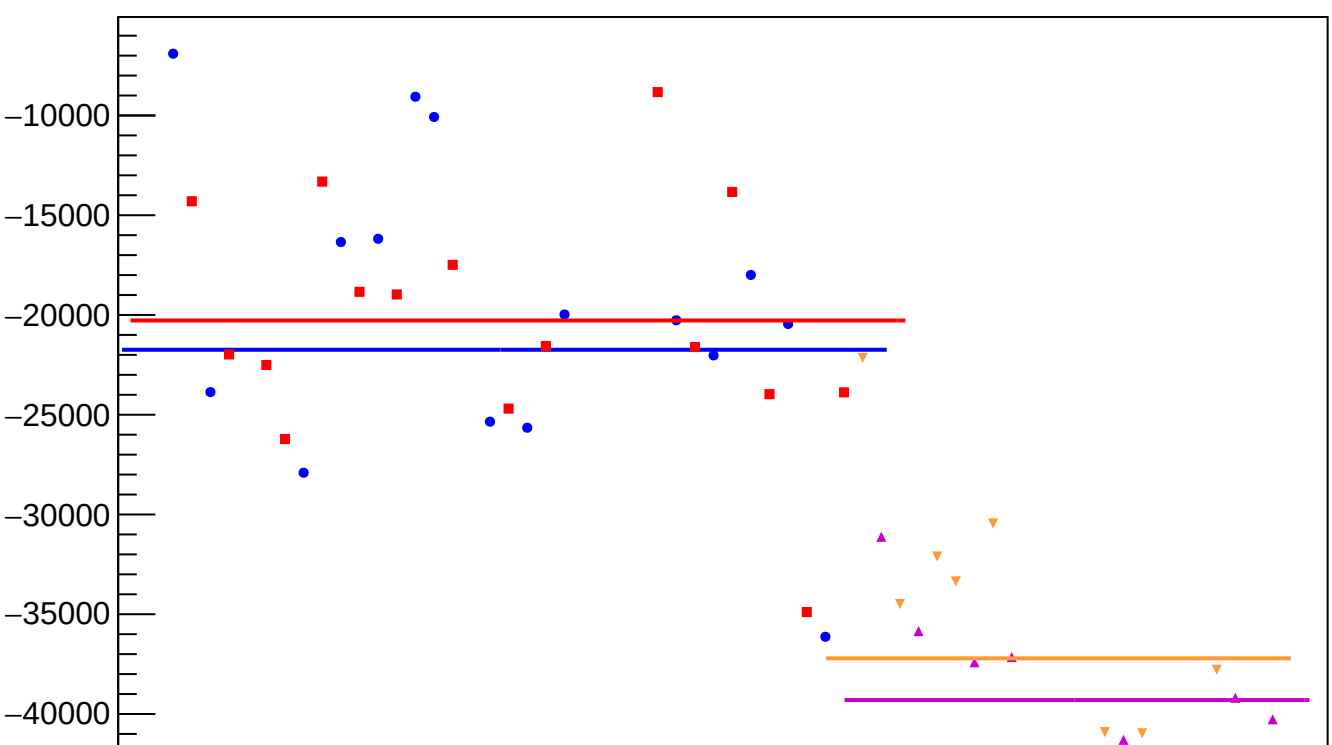
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

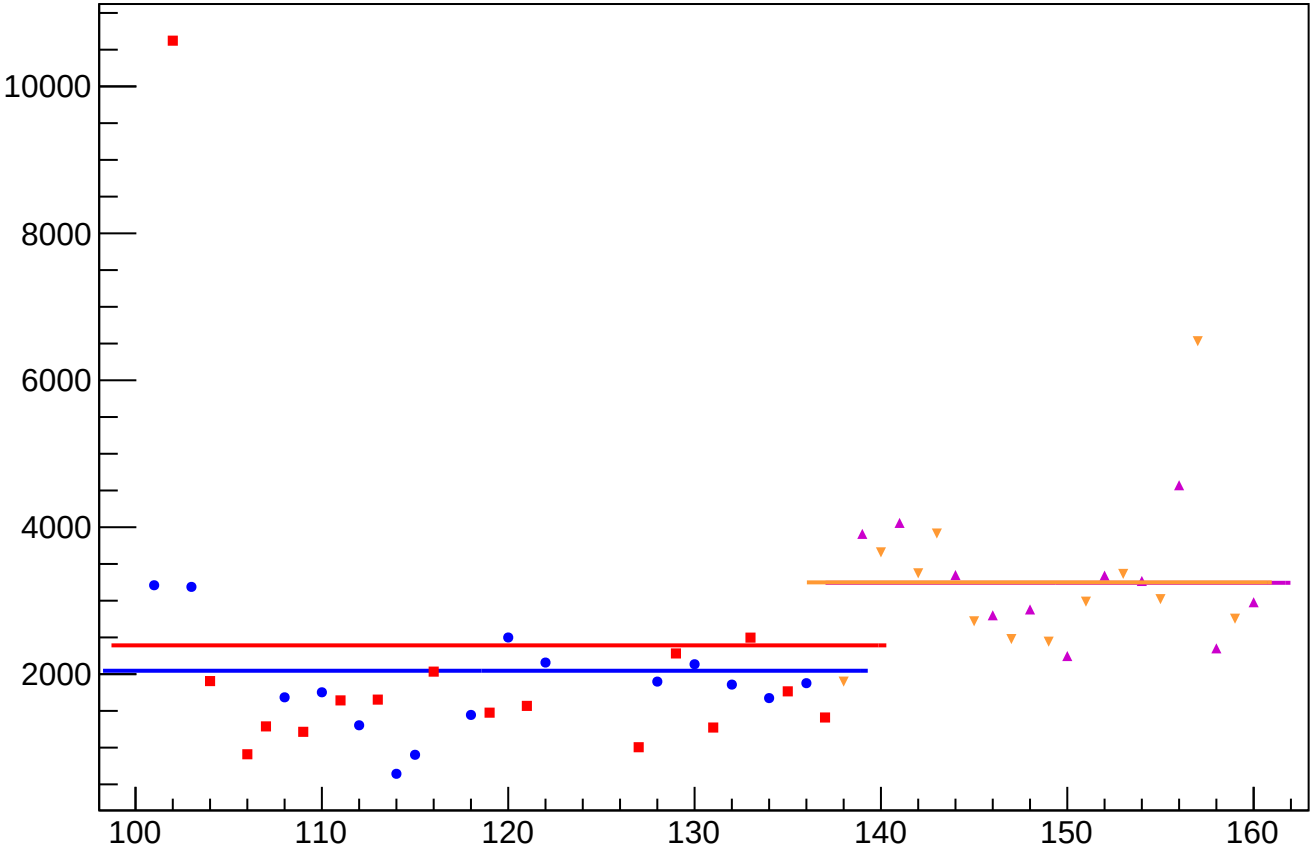
- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
+ sign -30788.276+/-0.000 χ^2/NDF: 168137649264
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
All: -31059.001+/-0.000 χ^2/NDF: 345412130
Right Out: -20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
- sign -31324.961+/-0.000 χ^2/NDF: 177047387117 6
Left In: -39301.203+/-0.000 χ^2/NDF:108905571958284806558508731561164522127 36.0/10

dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

+ sign 2749.812+/-0.000 χ^2/NDF: 20064864272112

Left Out: 3249.314+/-0.000 χ^2/NDF:1190726211956001849078073092083852247040.0/11

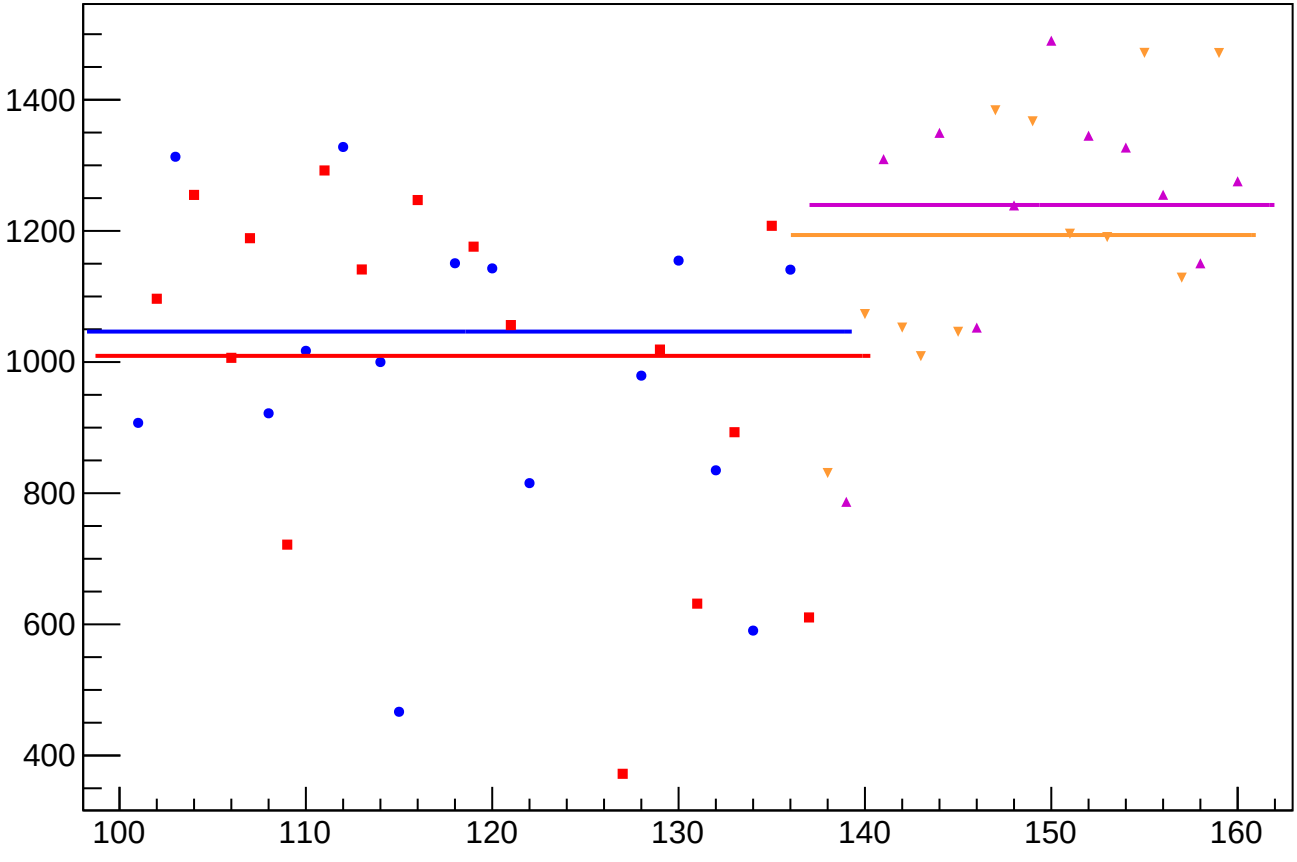
All: 2818.755+/-0.000 χ^2/NDF: 7140152506

Right Out: 2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15

- sign 2886.485+/-0.000 χ^2/NDF: 51189384320628

Left In: 3243.479+/-0.000 χ^2/NDF:4227523458095644148759411154532308090 88.0/10

dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

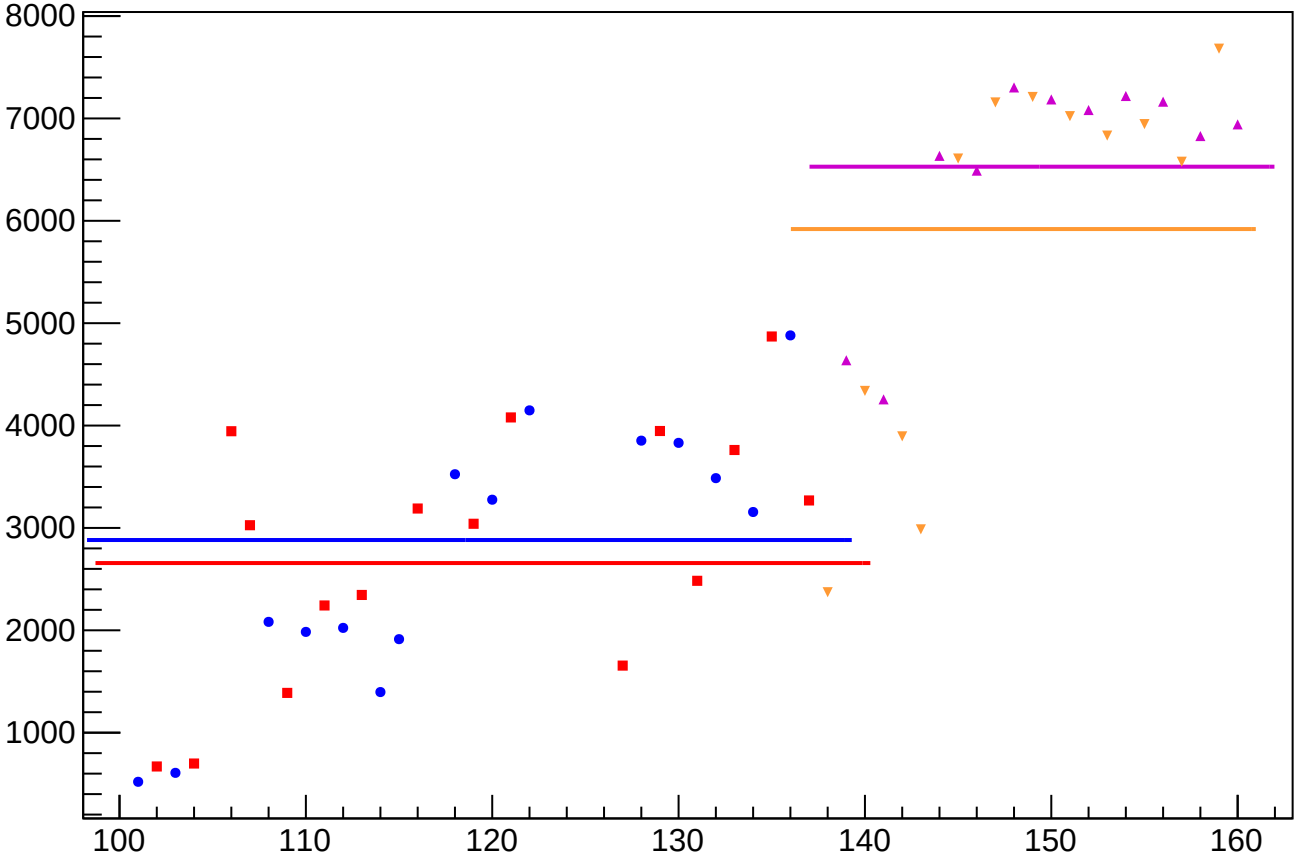
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_sam1_coil1_mean vs Slug



Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14

Left Out: 5919.511+/-0.000 χ^2/NDF:2779072700024845827027981240176985767936.0/11

Right Out: 2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

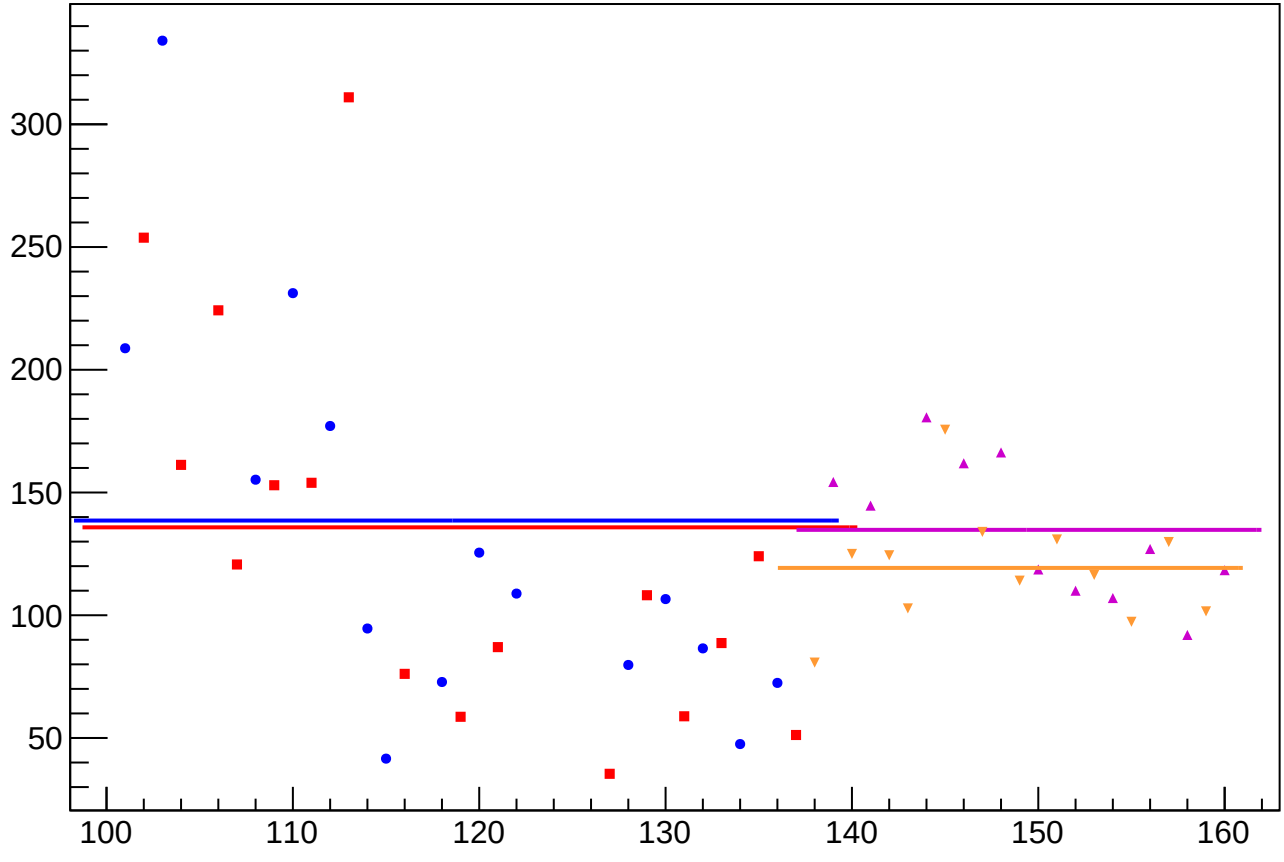
Left In: 6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10

+ sign 4658.227+/-0.000 χ^2/NDF: 7601149842913 6

All: 4782.966+/-0.000 χ^2/NDF: 1547458955 5

- sign 4905.510+/-0.000 χ^2/NDF: 7825227654718 7

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

+ sign 127.294+/-0.000 χ^2/NDF: 487151185585046

Left Out: 119.282+/-0.000 χ^2/NDF:4878457793952178791538152939852922 88.0/11

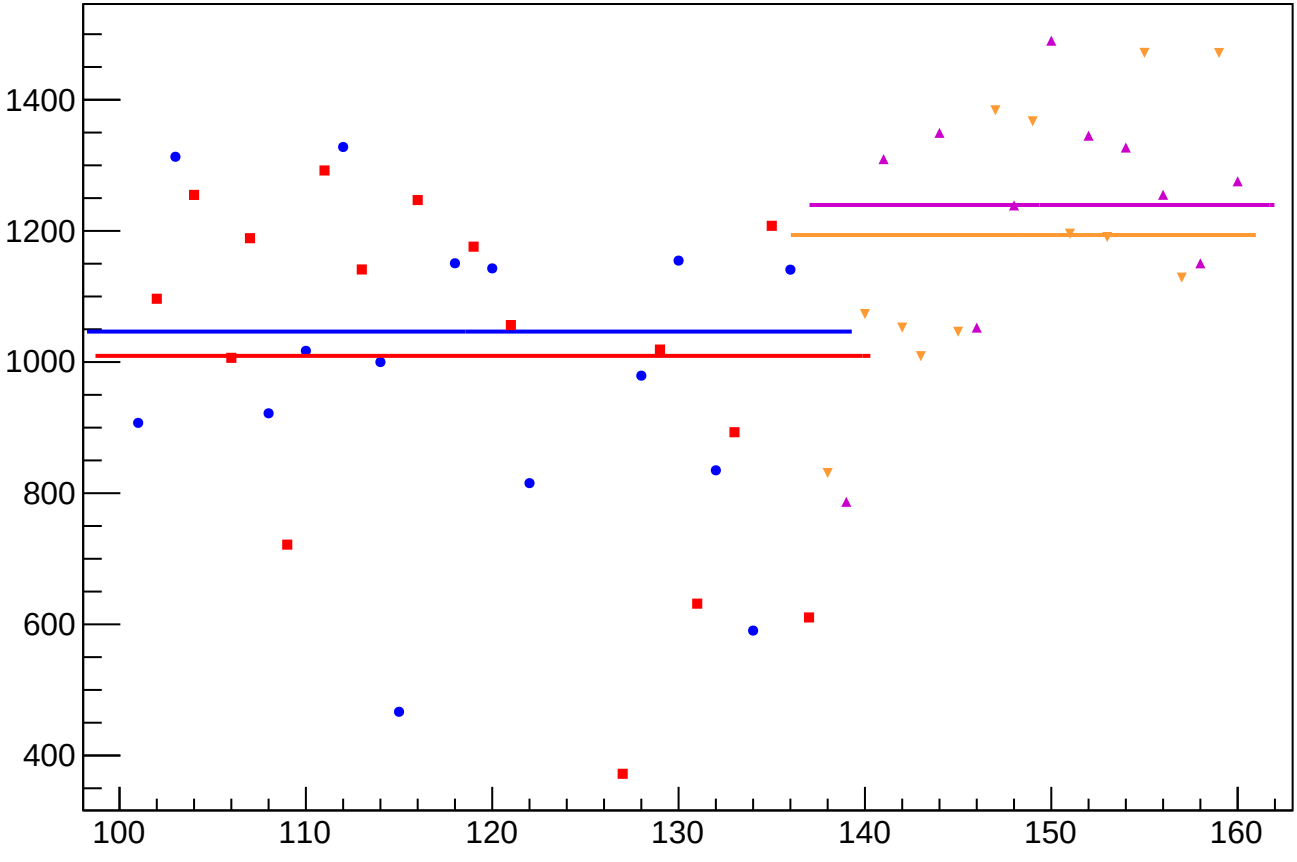
All: 131.289+/-0.000 χ^2/NDF: 95675897587 3

Right Out: 135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736 43776.0/15

- sign 135.214+/-0.000 χ^2/NDF: 464661599123883

Left In: 134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

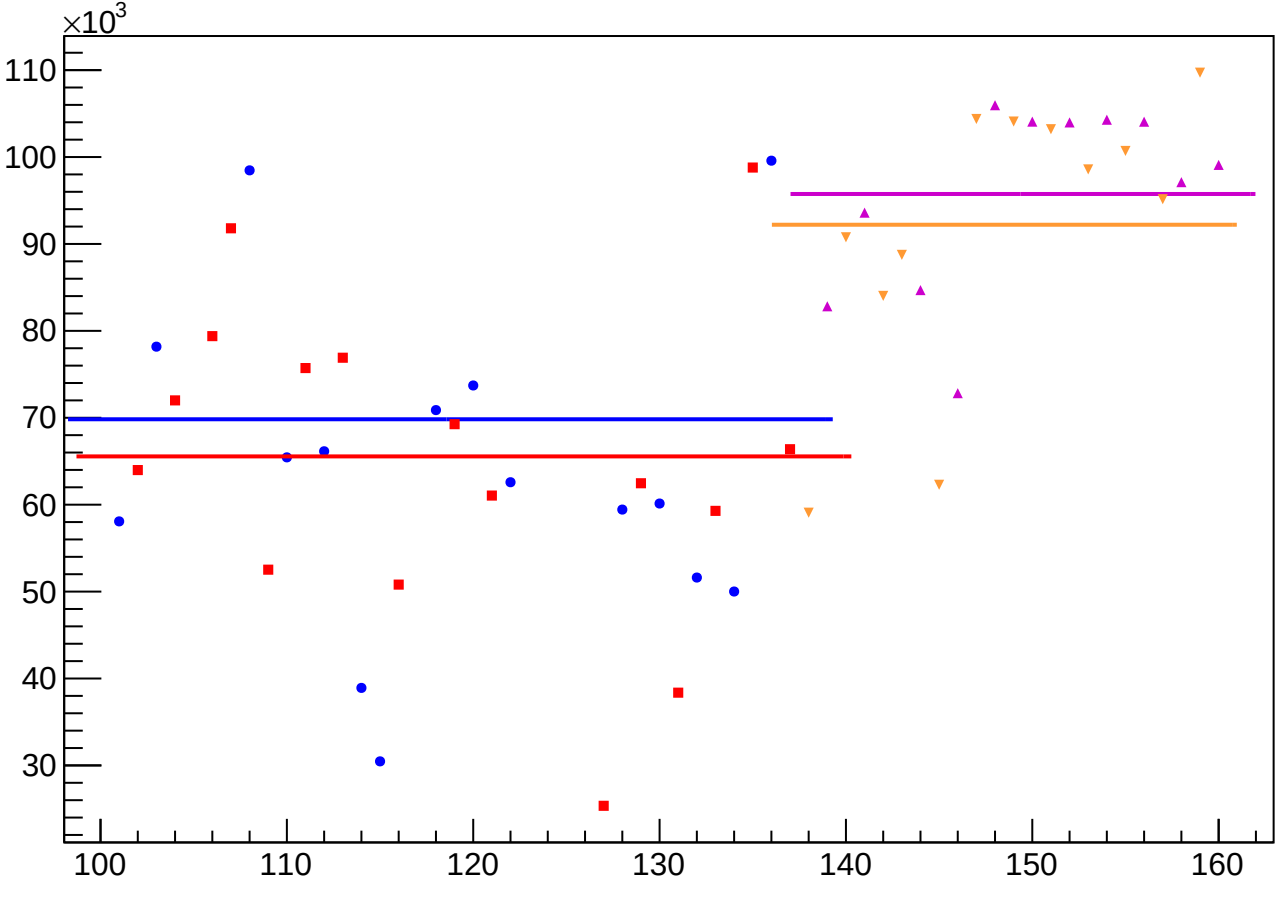
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

Left Out: 92210.698+/-0.000 χ^2/NDF:2265774766578075852020837676853602895790 08.0/11

Right Out: 65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959997416734 72.0/15

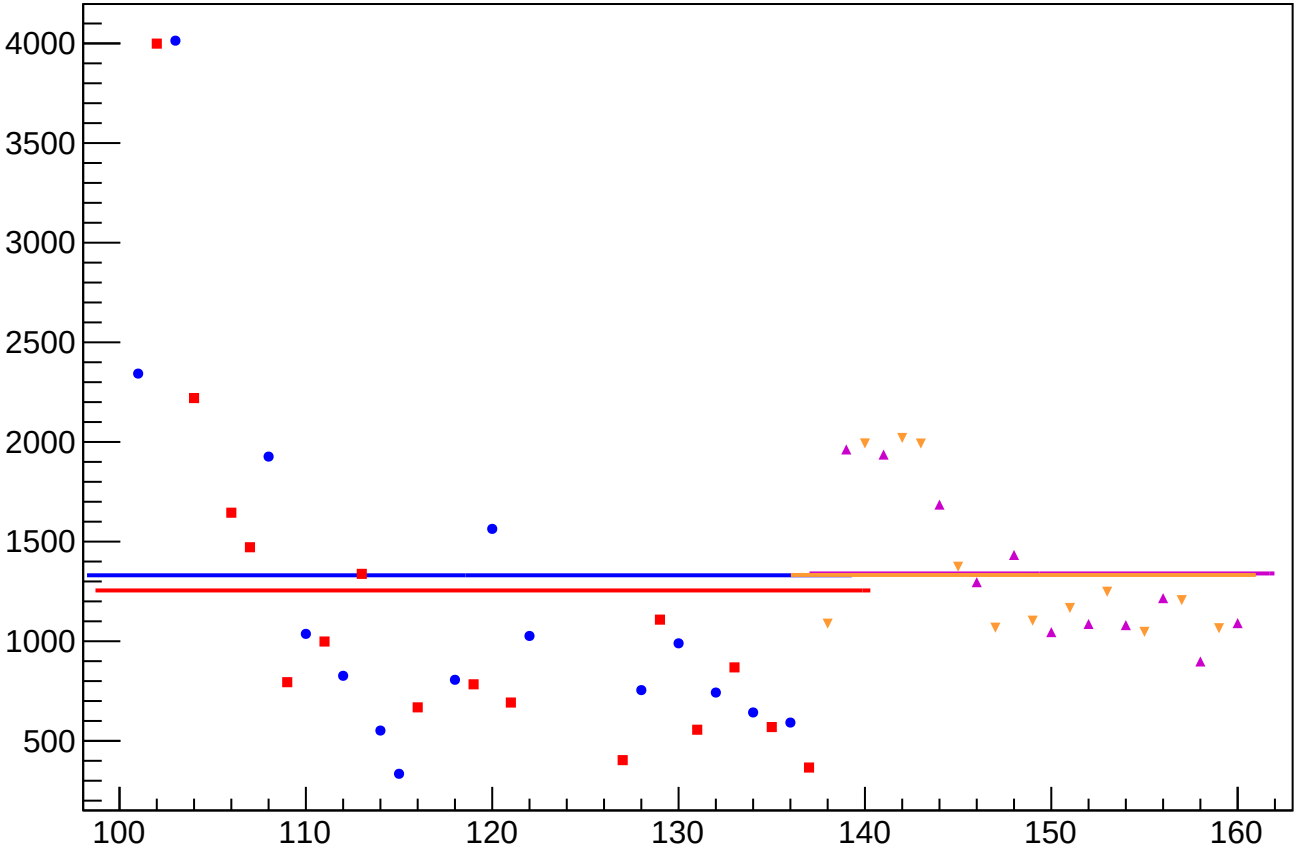
Left In: 95749.411+/-0.000 χ^2/NDF:1023767618815302714273402847386938260848 64.0/10

+ sign 82916.711+/-0.000 χ^2/NDF: 6045168976255

All: 83004.616+/-0.000 χ^2/NDF: 1272083143

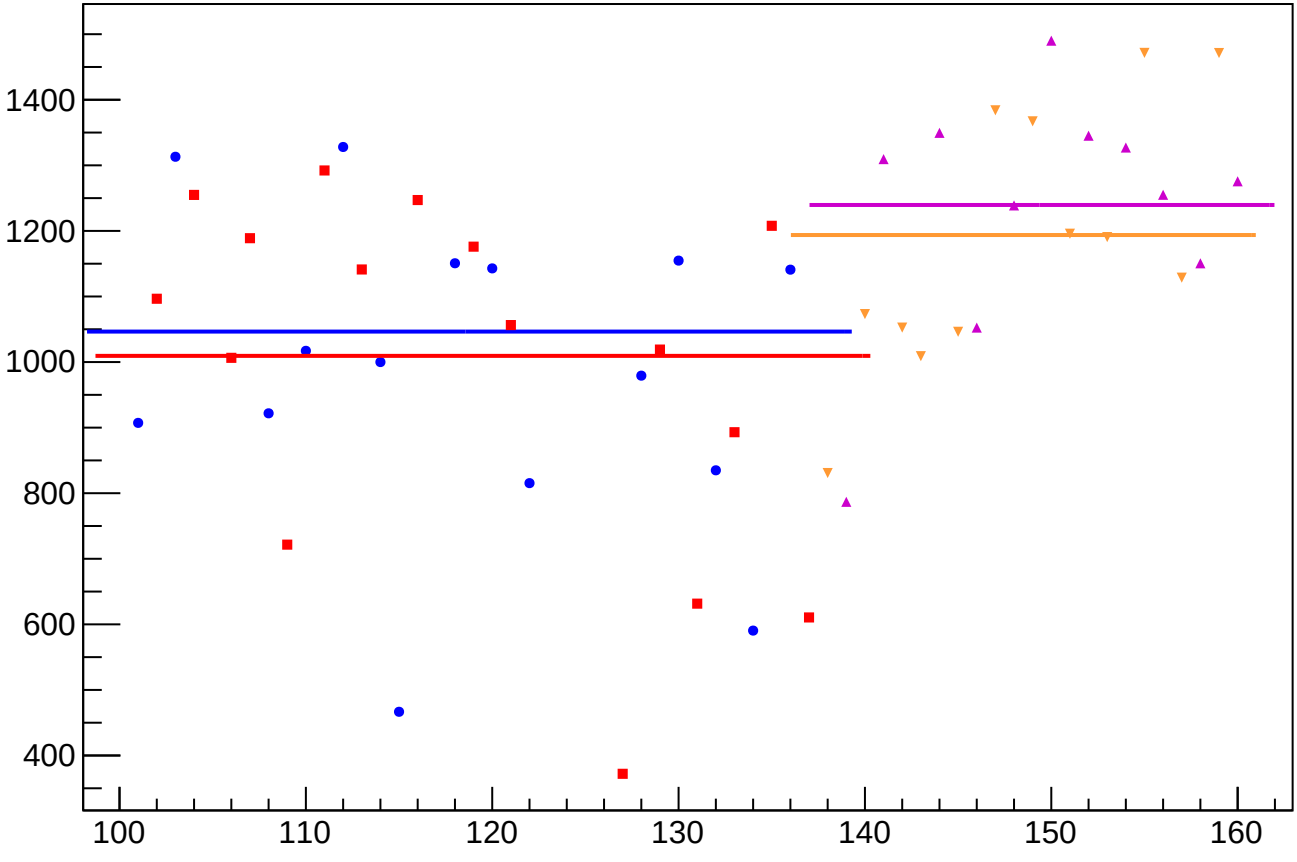
- sign 83090.974+/-0.000 χ^2/NDF: 6675423024903

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
+ sign 1331.958+/-0.000 χ^2/NDF: 7669711709446 3
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
All: 1318.066+/-0.000 χ^2/NDF: 1516733584 6
Right Out: 1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15
- sign 1304.419+/-0.000 χ^2/NDF: 7491644636116 1
Left Out: 1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777 09312.0/10

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

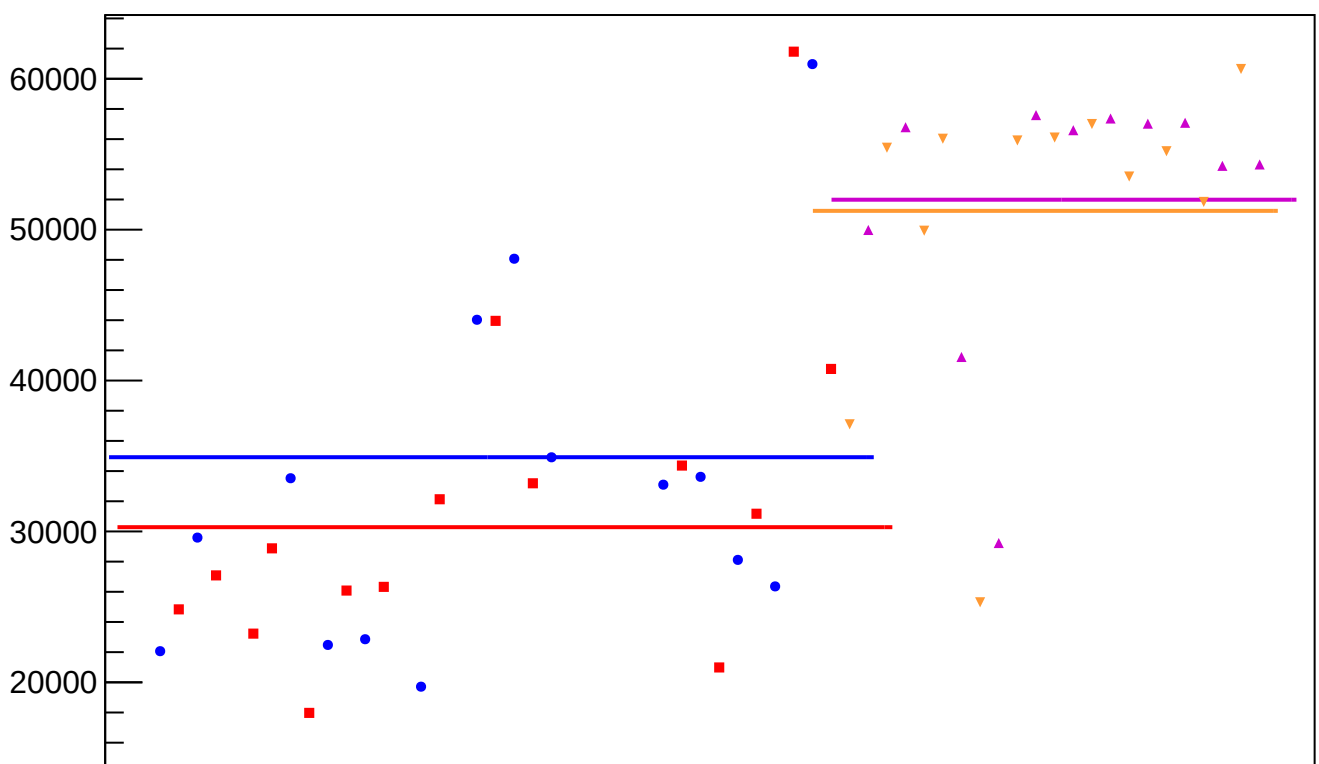
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Left Out: 51246.568+/-0.000 χ^2/NDF:8616854061410244506204695466860253439590 4.0/11

Right Out: 30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

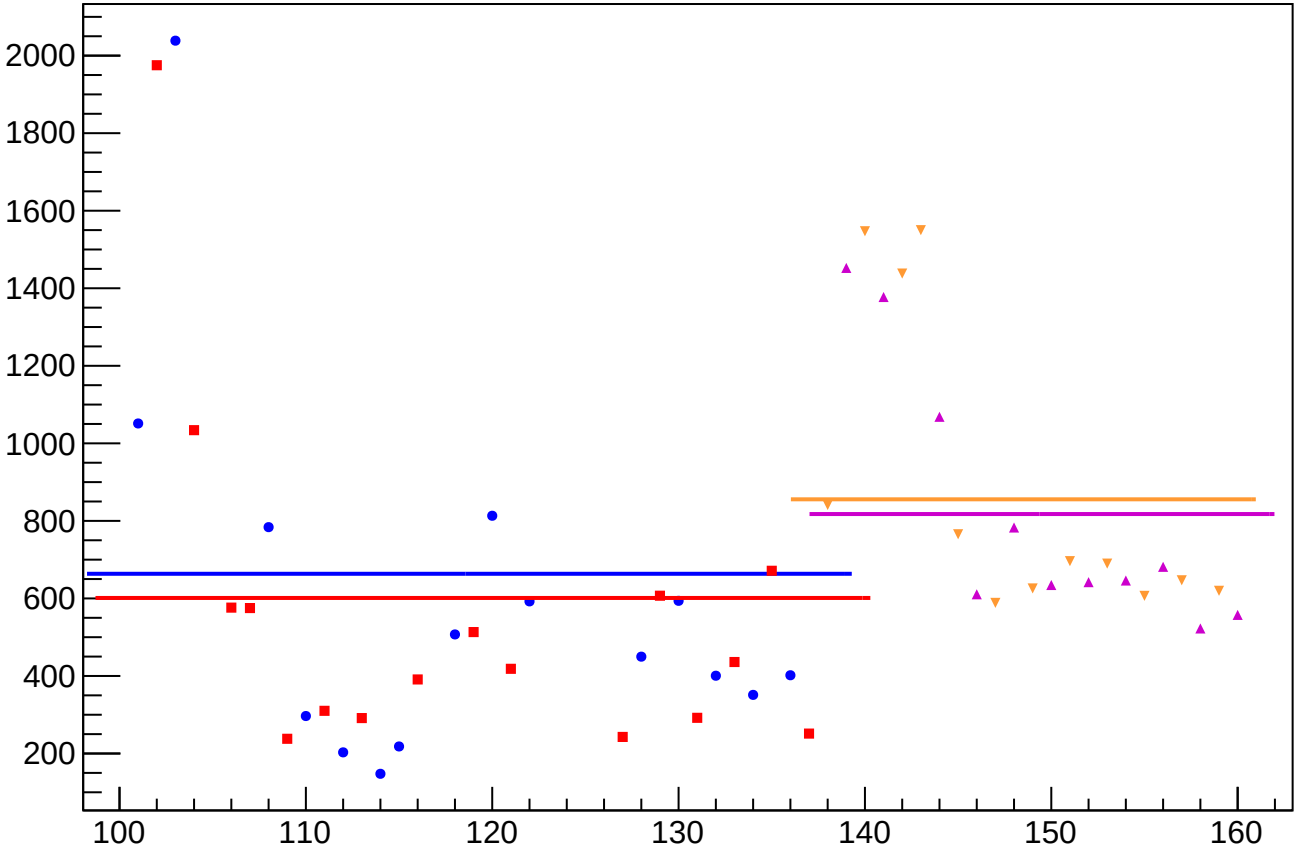
Left In: 51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

+ sign 44467.216+/-0.000 χ^2/NDF: 2937224586407

All: 43669.971+/-0.000 χ^2/NDF: 6336704207

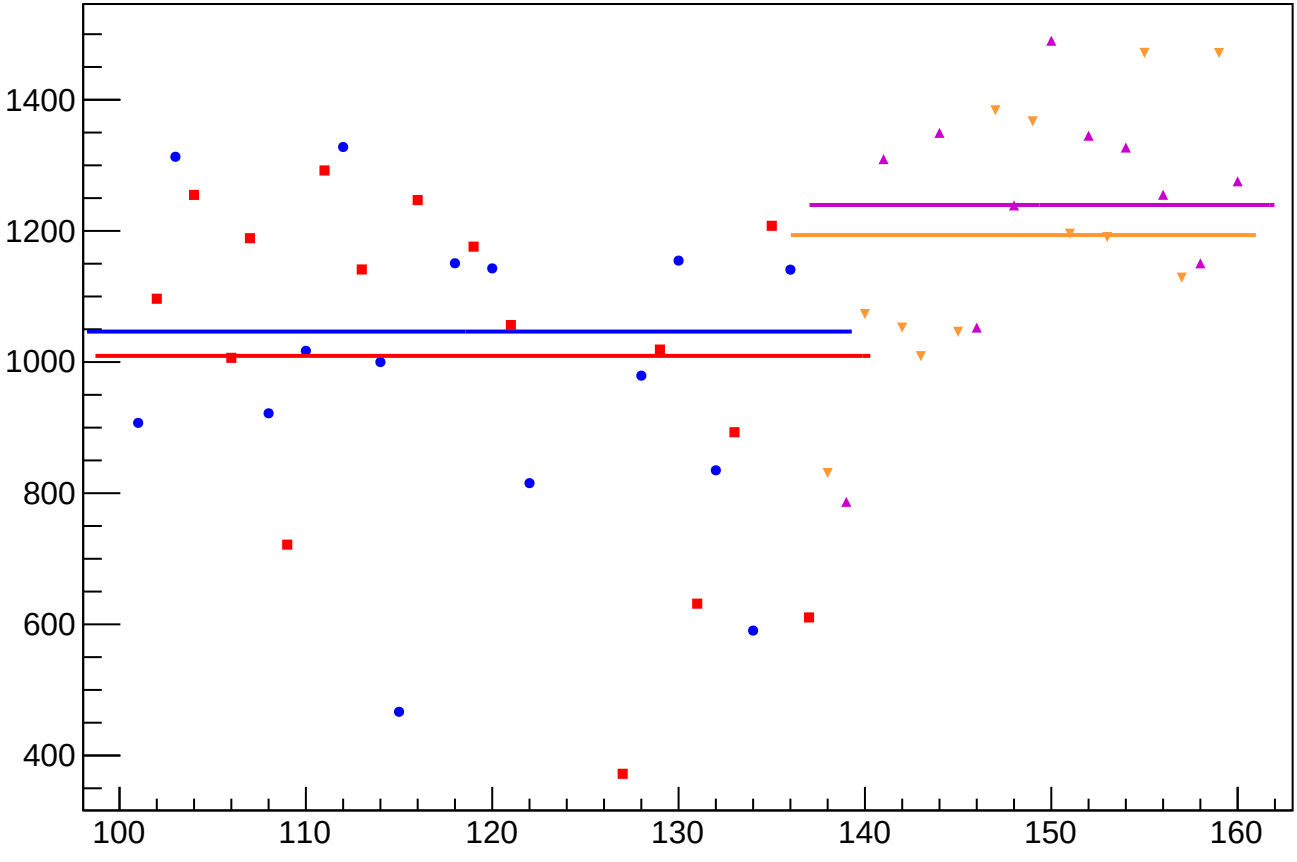
- sign 42886.756+/-0.000 χ^2/NDF: 3379785593938

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
+ sign 775.881+/-0.000 χ^2/NDF: 286585359117303
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
All: 751.182+/-0.000 χ^2/NDF: 54677004059 5
Right Out: 601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
- sign 726.918+/-0.000 χ^2/NDF: 258294460548114
Left Out: 817.657+/-0.000 χ^2/NDF:904295487237156633268052990768111943 68.0/10

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

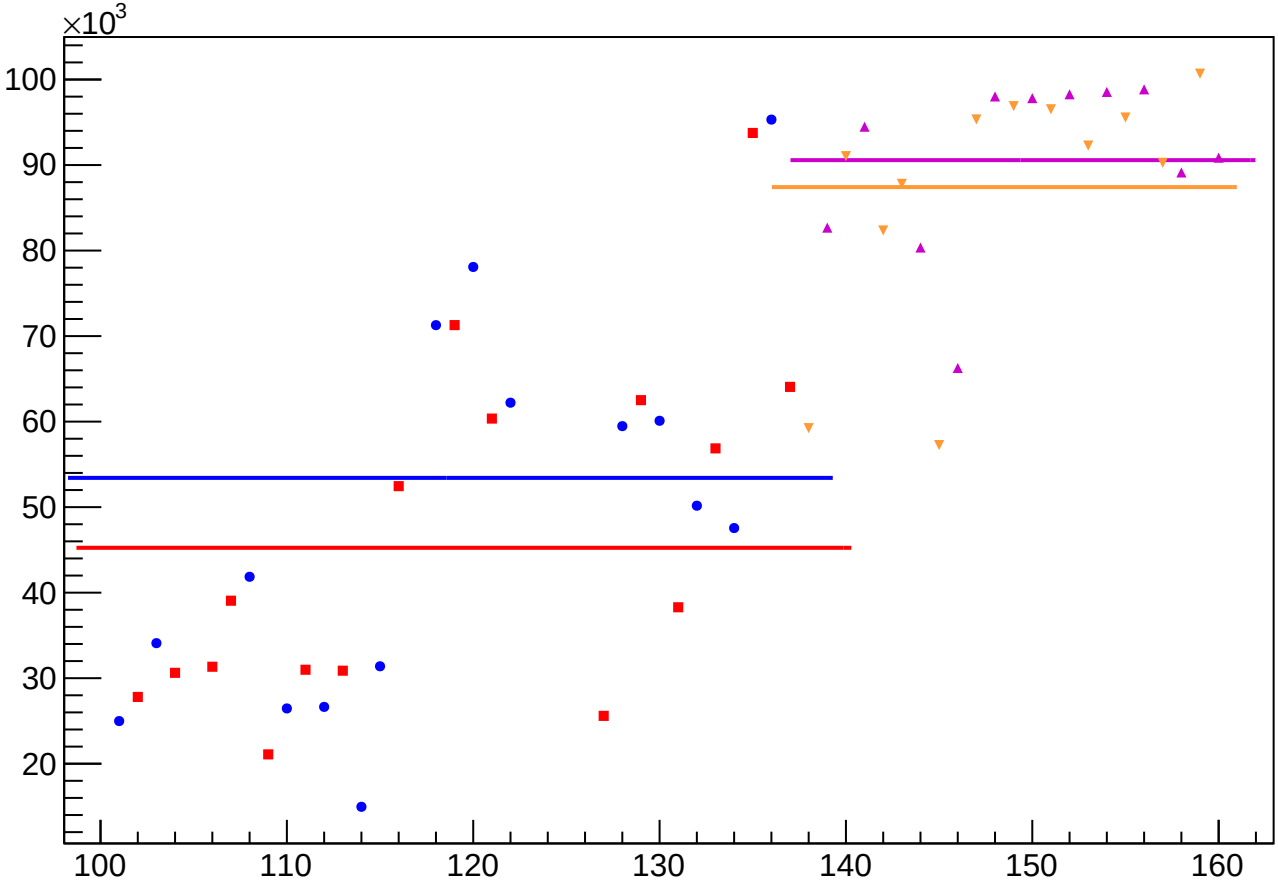
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF: 3606357573151338001337511231677773465518 08.0/14

+ sign 73304.445+/-0.000 χ^2/NDF: 9753549747664

Left Out: 87421.965+/-0.000 χ^2/NDF:1760094479339731722987658082695880743321 60.0/11

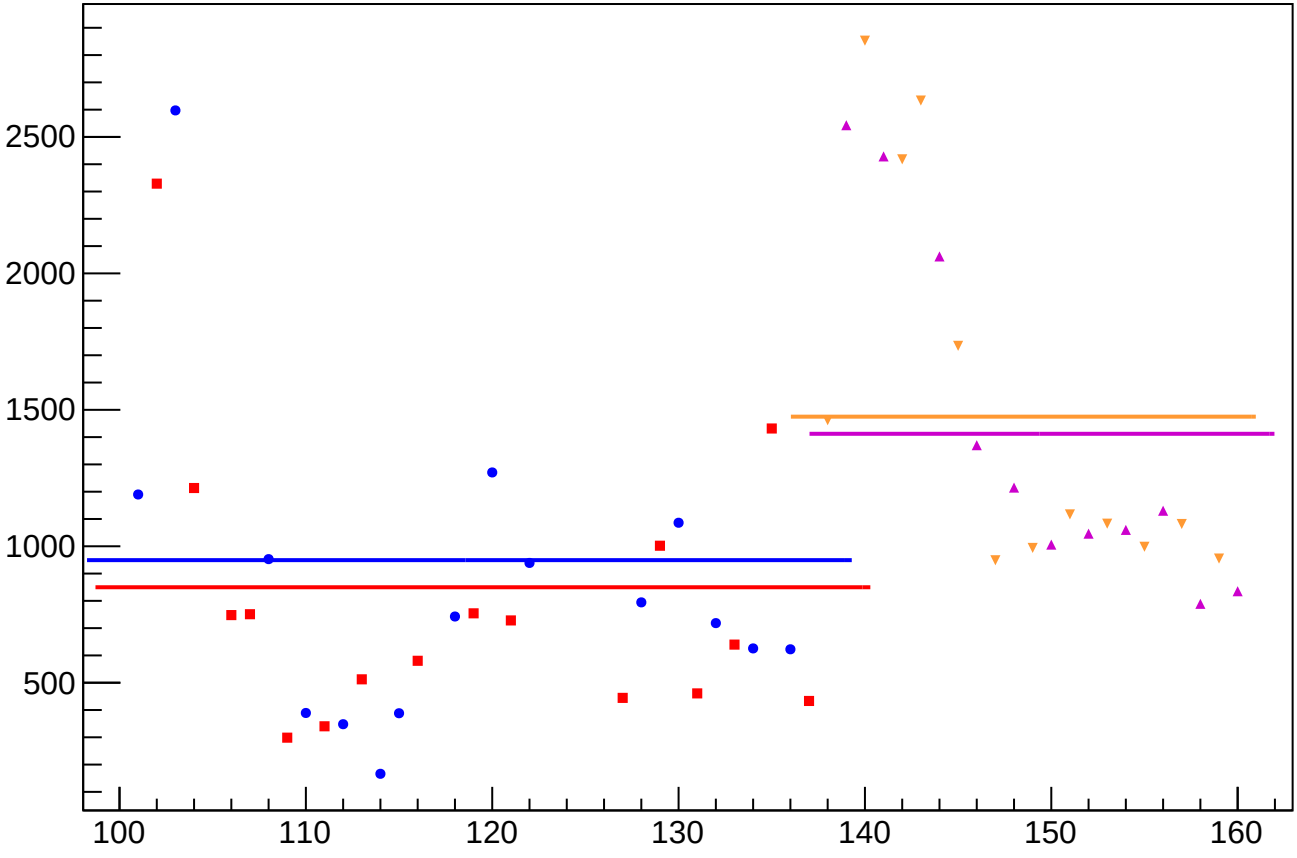
All: 72430.299+/-0.000 χ^2/NDF: 2150195804

Right Out: 45247.617+/-0.000 χ^2/NDF: 2860601964880344302157846133740555479285 76.0/15

- sign 71571.537+/-0.000 χ^2/NDF: 1172473175377

Left In: 90573.760+/-0.000 χ^2/NDF:9057408139435422159394926231240668558131 2.0/10

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

+ sign 1256.670+/-0.000 χ^2/NDF: 7383903586921 0

Left Out: 1474.996+/-0.000 χ^2/NDF:4077762791412540626360785088537386024 96.0/11

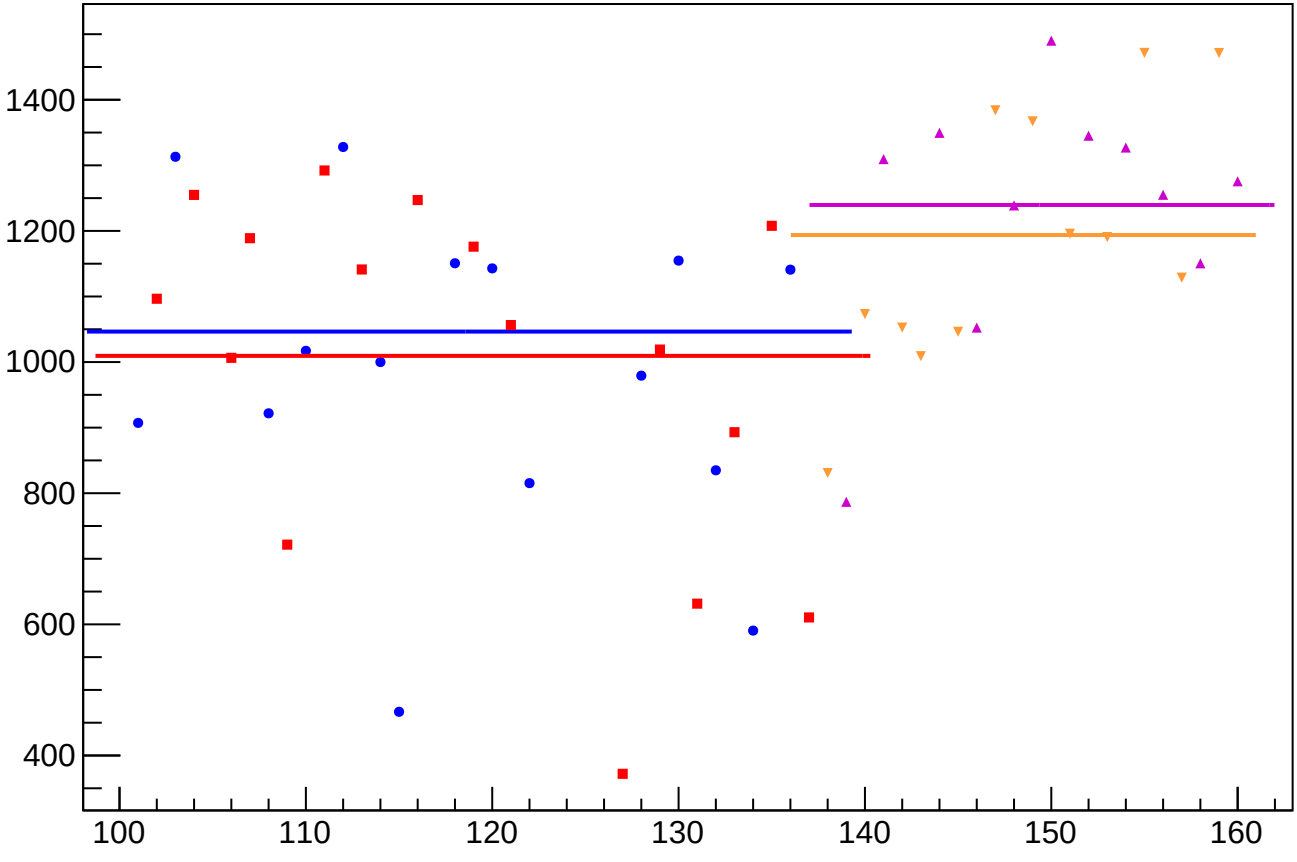
All: 1216.192+/-0.000 χ^2/NDF: 1403124317 1

Right Out: 849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

- sign 1176.426+/-0.000 χ^2/NDF: 6596572092346 2

Left In: 1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

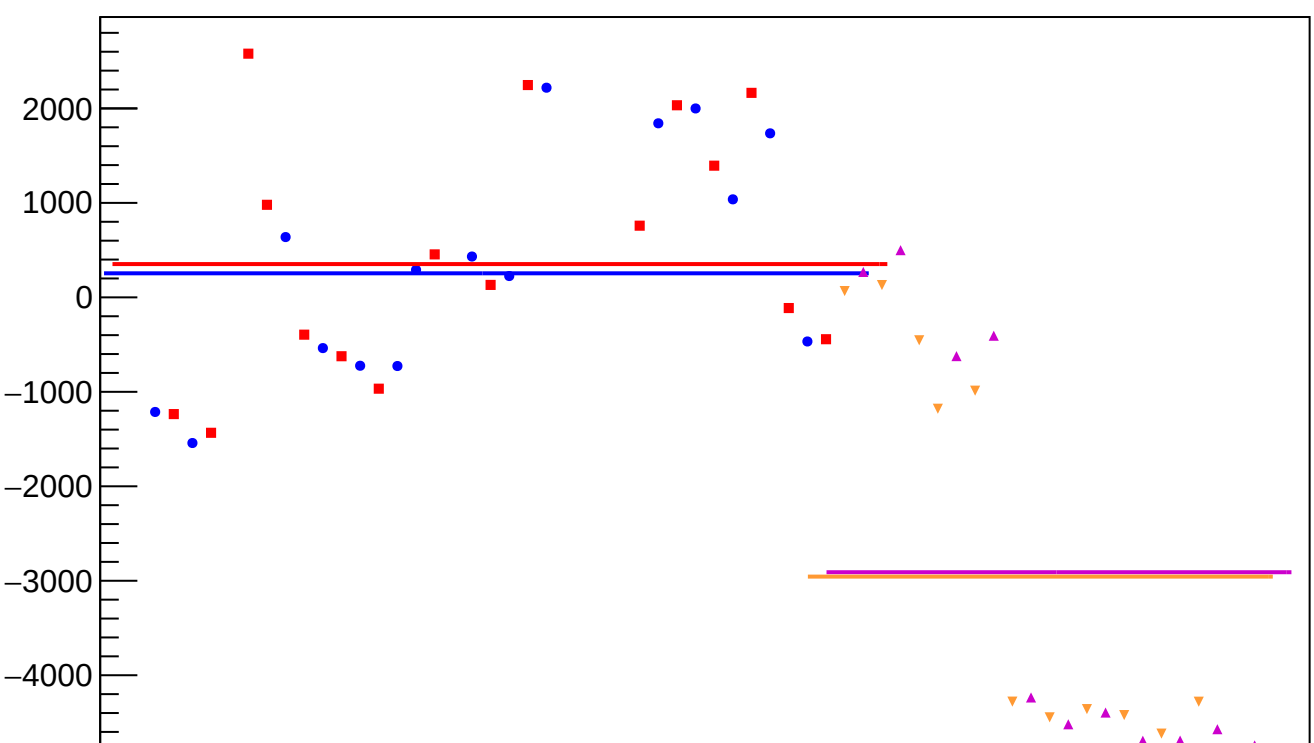
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

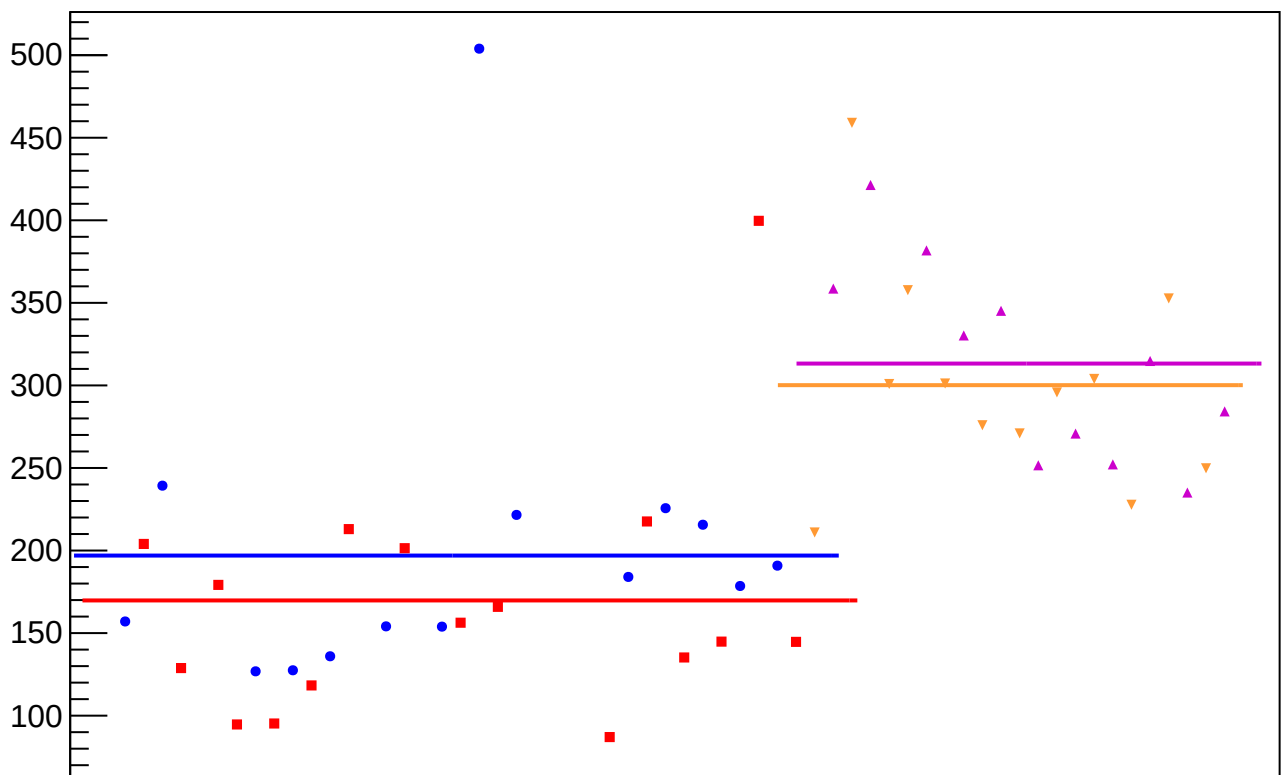
- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
+ sign -1622.879+/-0.000 χ^2/NDF: 8598208756687
Left Out: -2955.997+/-0.000 χ^2/NDF:3707818280907677847342876591435129290752.0/11
All: -1582.115+/-0.000 χ^2/NDF: 1820300419
Right Out: 352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
- sign -1542.068+/-0.000 χ^2/NDF: 9599646635049 9
Left In: -2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000 χ^2/NDF: 448524516032965791462137242583878860 8.0/14

Left Out: 300.154+/-0.000 χ^2/NDF:387302142868535294113705344869020467 2.0/11

Right Out: 169.778+/-0.000 χ^2/NDF: 389260944549484578449355864638541004 8.0/15

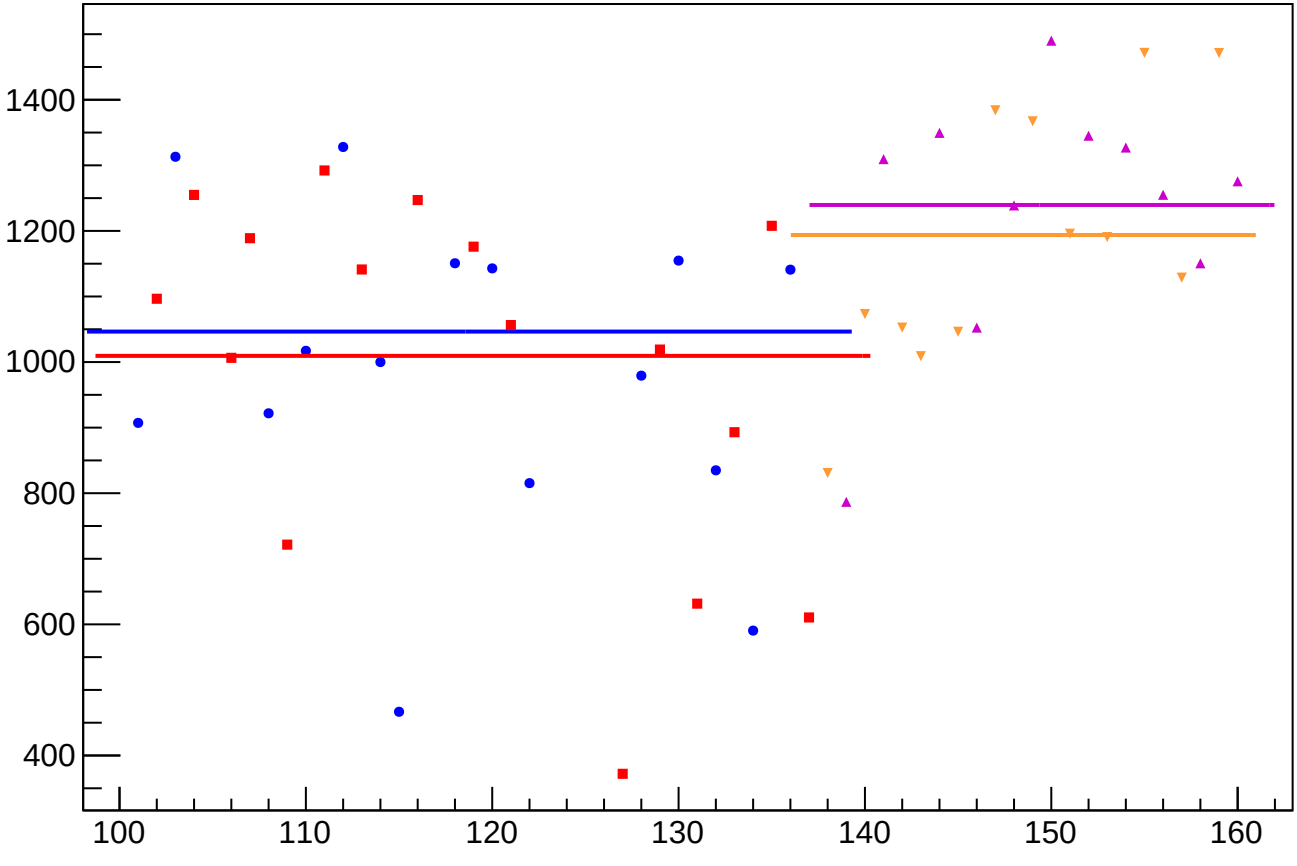
Left In: 313.228+/-0.000 χ^2/NDF:307906170184356071477452976814240563 2.0/10

+ sign 257.303+/-0.000 χ^2/NDF: 1240007740198 19

All: 255.177+/-0.000 χ^2/NDF: 2735697932 25

- sign 253.089+/-0.000 χ^2/NDF: 1494290075336 01

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

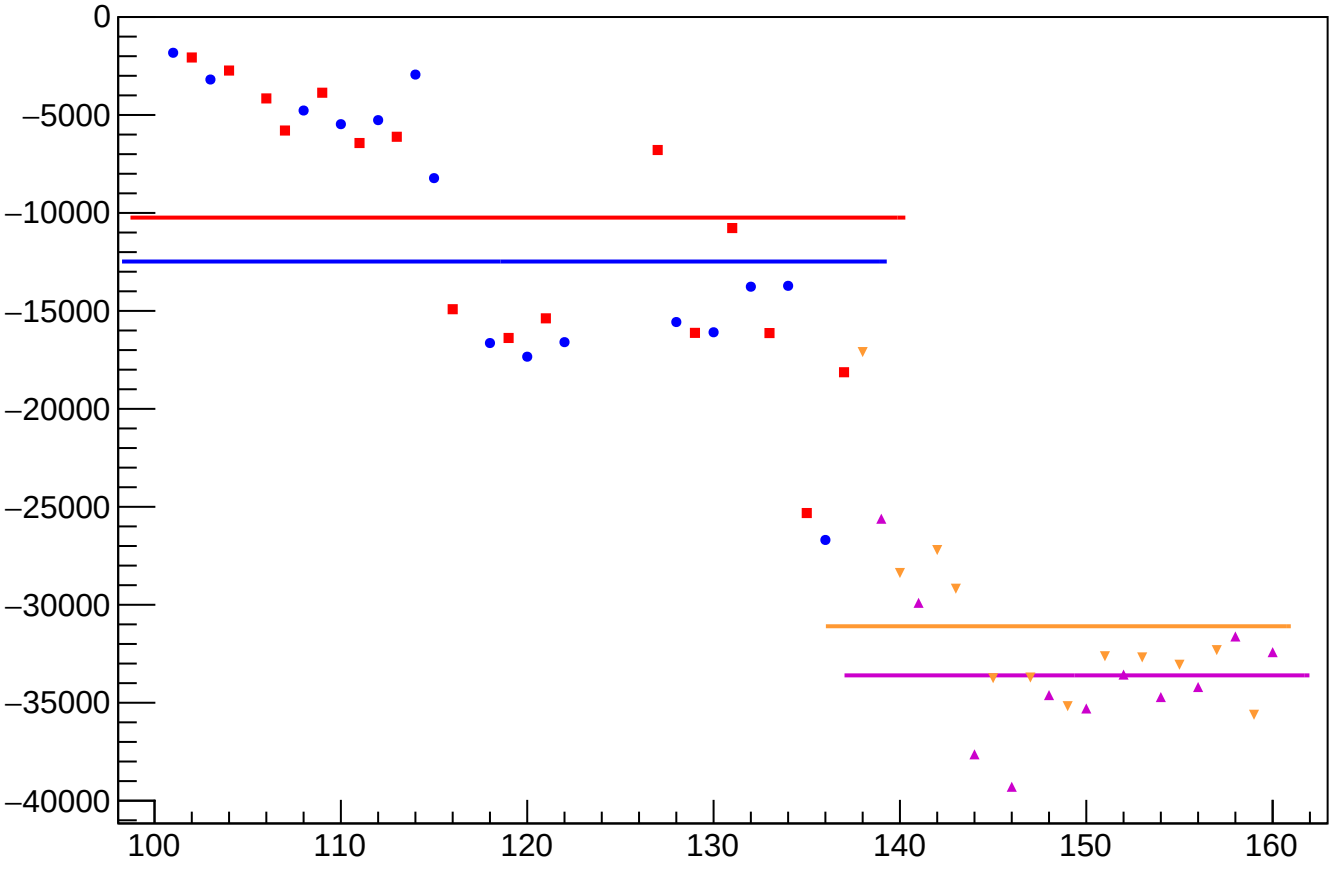
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

+ sign -23366.201+/-0.000 χ^2/NDF: 194472008437

Left Out: -31096.364+/-0.000 χ^2/NDF:217594309706731792738919903137593682821 12.0/11

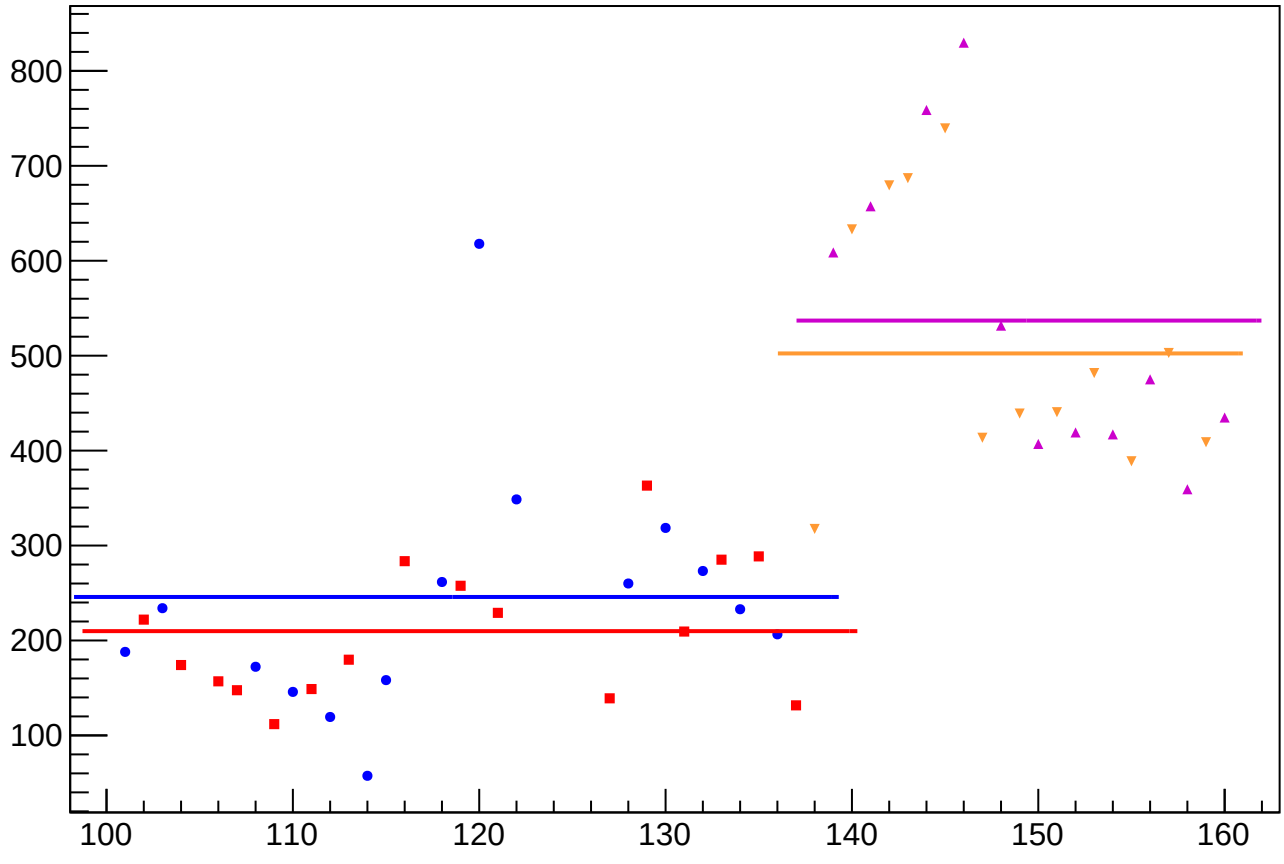
All: -23588.925+/-0.000 χ^2/NDF: 448707023

Right Out: -10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

- sign -23807.730+/-0.000 χ^2/NDF: 254081310517 5

Left In: -33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

dit_sam6_coil1_err_mean vs Slug



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

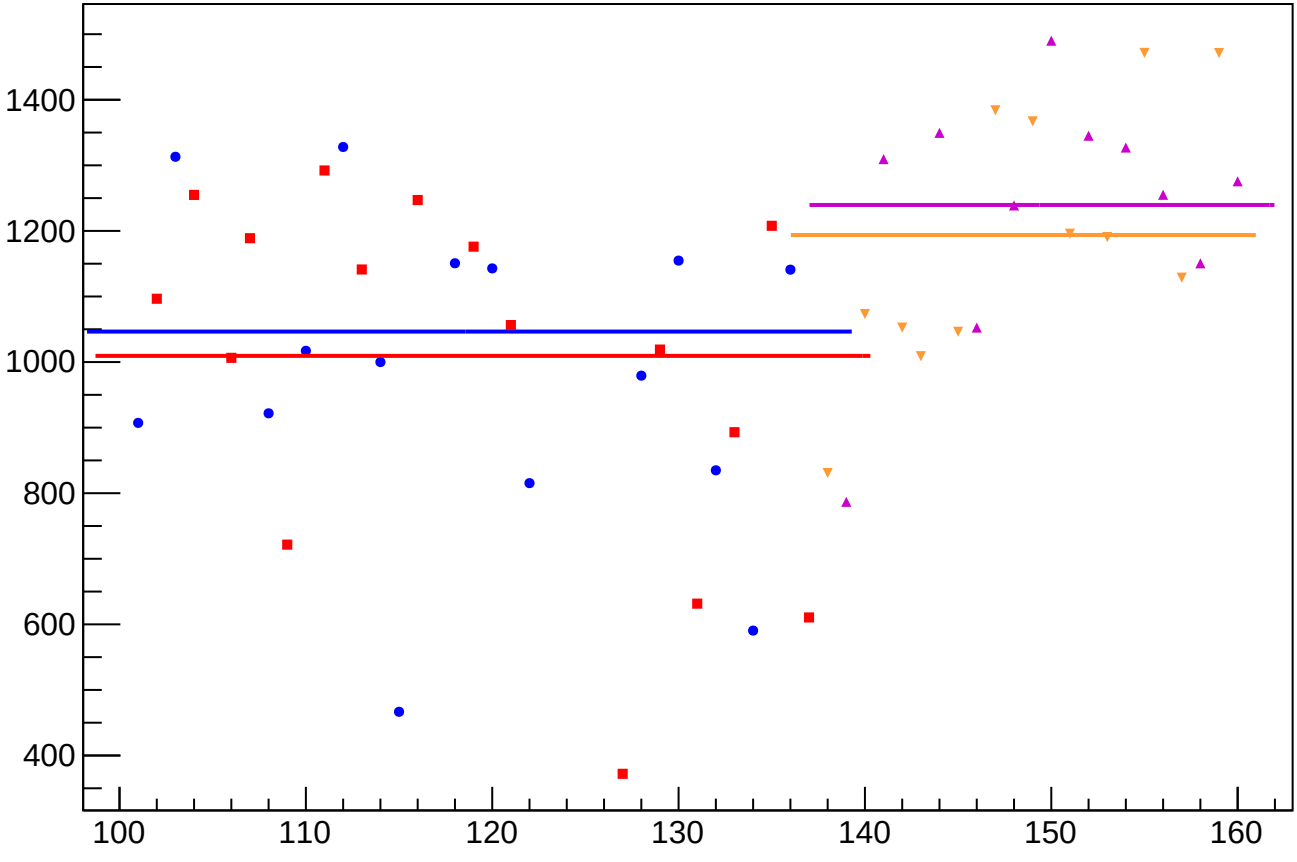
Left In: 536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

+ sign 395.846+/-0.000 χ^2/NDF: 479955291741577

All: 397.856+/-0.000 χ^2/NDF: 11339404452

- sign 399.831+/-0.000 χ^2/NDF: 653859962401754

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

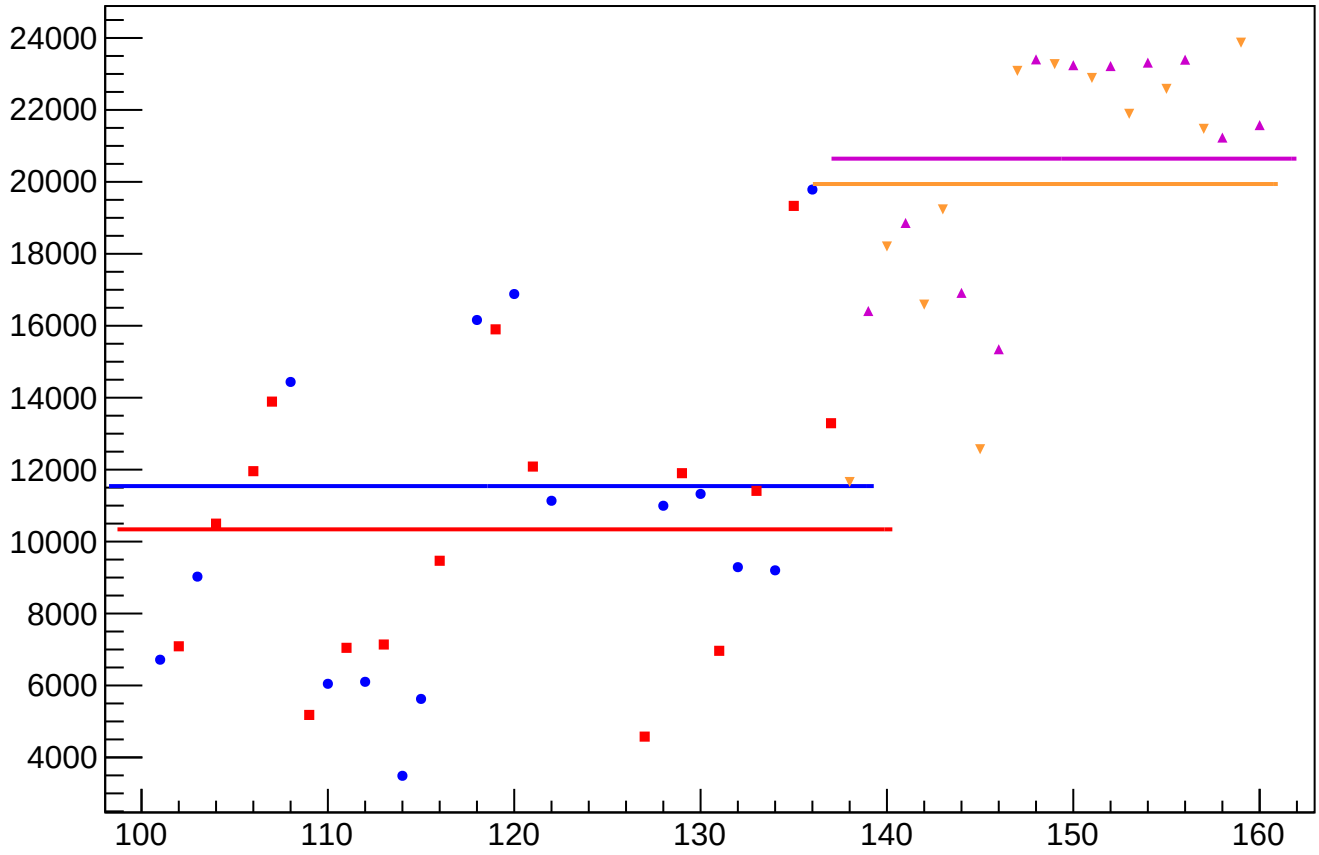
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

+ sign 16453.470+/-0.000 χ^2/NDF: 5606673689556

Left Out: 19940.398+/-0.000 χ^2/NDF:1506948674334586650686865800840029300326 4.0/11

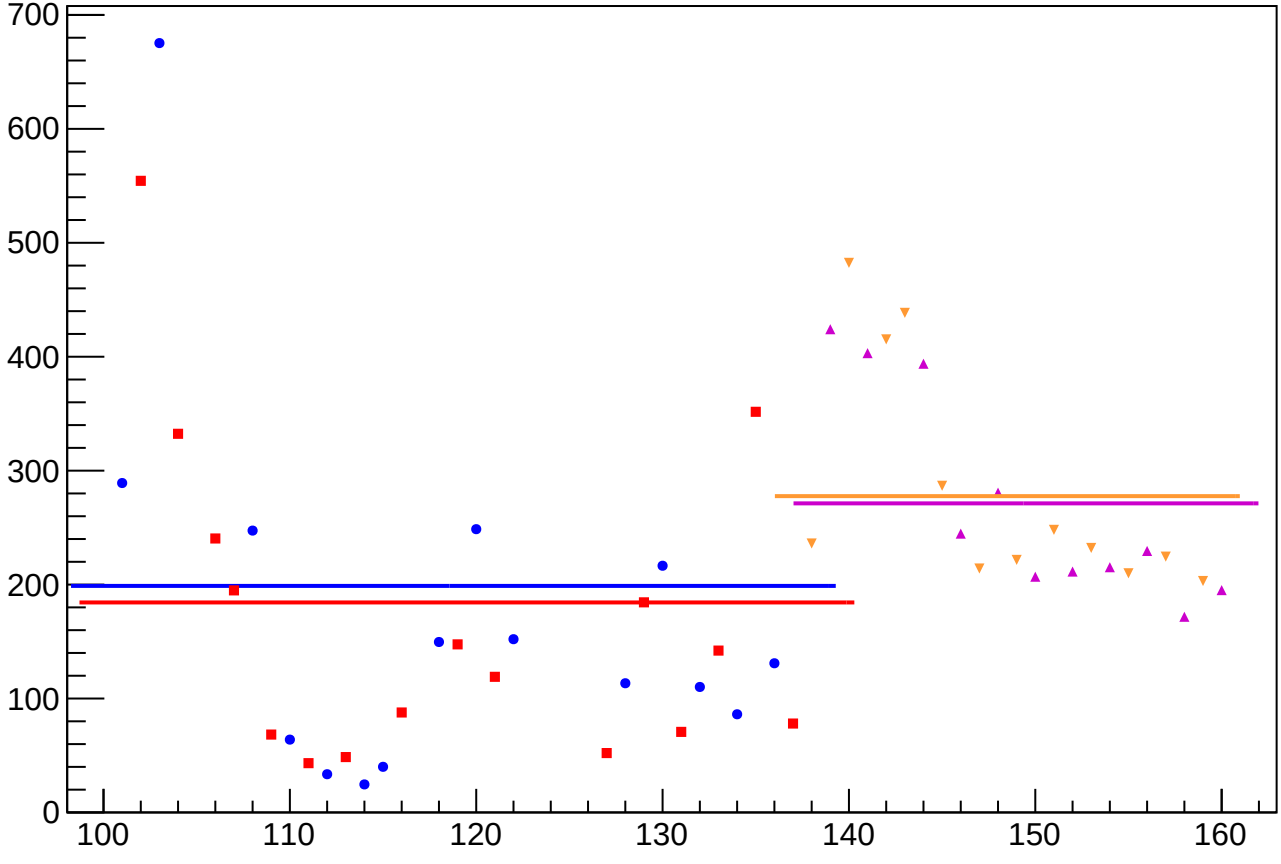
All: 16388.663+/-0.000 χ^2/NDF: 1169361701

Right Out: 10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15

- sign 16324.997+/-0.000 χ^2/NDF: 6085641974902

Left In: 20645.358+/-0.000 χ^2/NDF:8456327376882782804888899010558833983488.0/10

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF: 1833399510950343803707591694444029542 4.0/14

Left Out: 277.638+/-0.000 χ^2/NDF:8038613705890486227984688847014330368.0/11

Right Out: 184.328+/-0.000 χ^2/NDF: 1492743493139558860102496153837240320 0.0/15

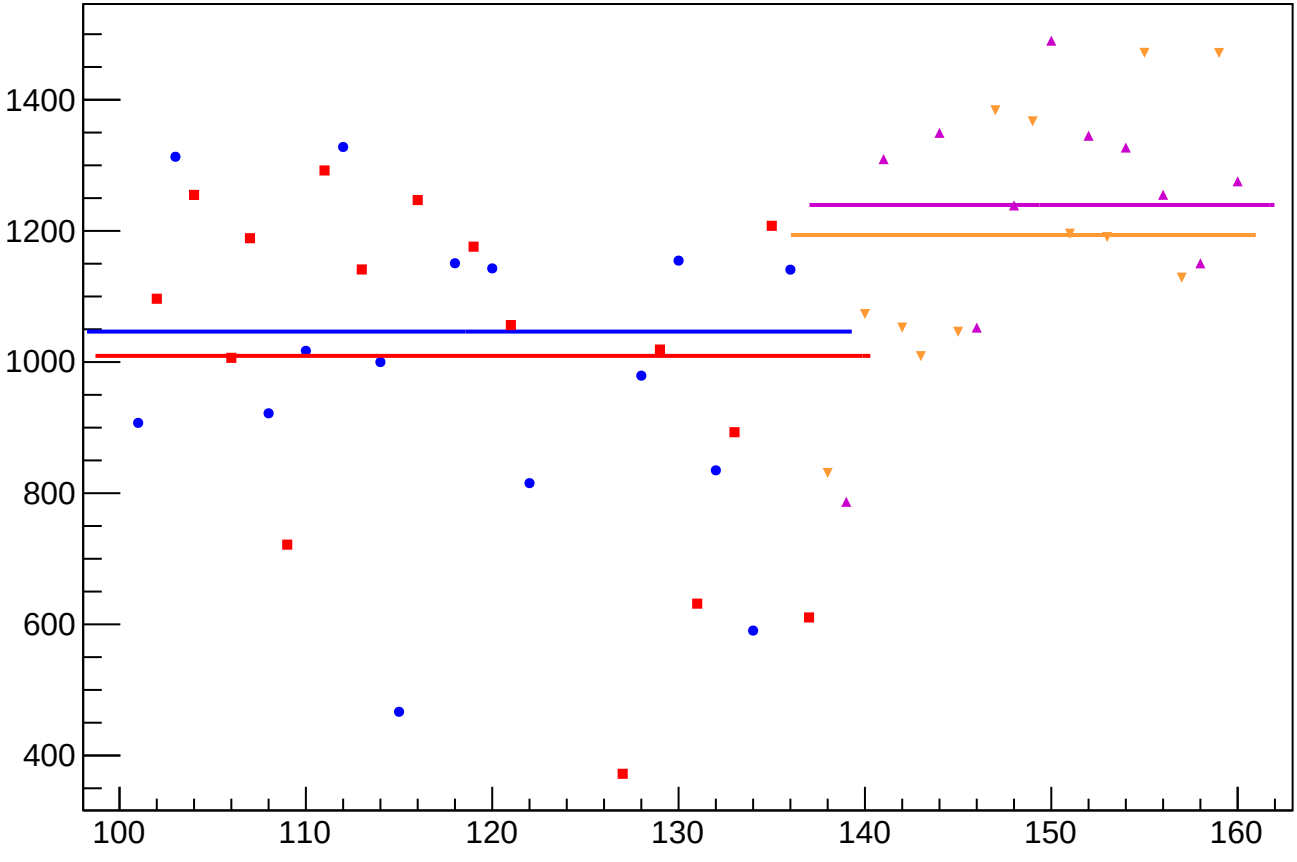
Left In: 271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10

+ sign 244.923+/-0.000 χ^2/NDF: 28728439795092 7

All: 239.833+/-0.000 χ^2/NDF: 5377808377 00

- sign 234.833+/-0.000 χ^2/NDF: 24969382199818 6

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

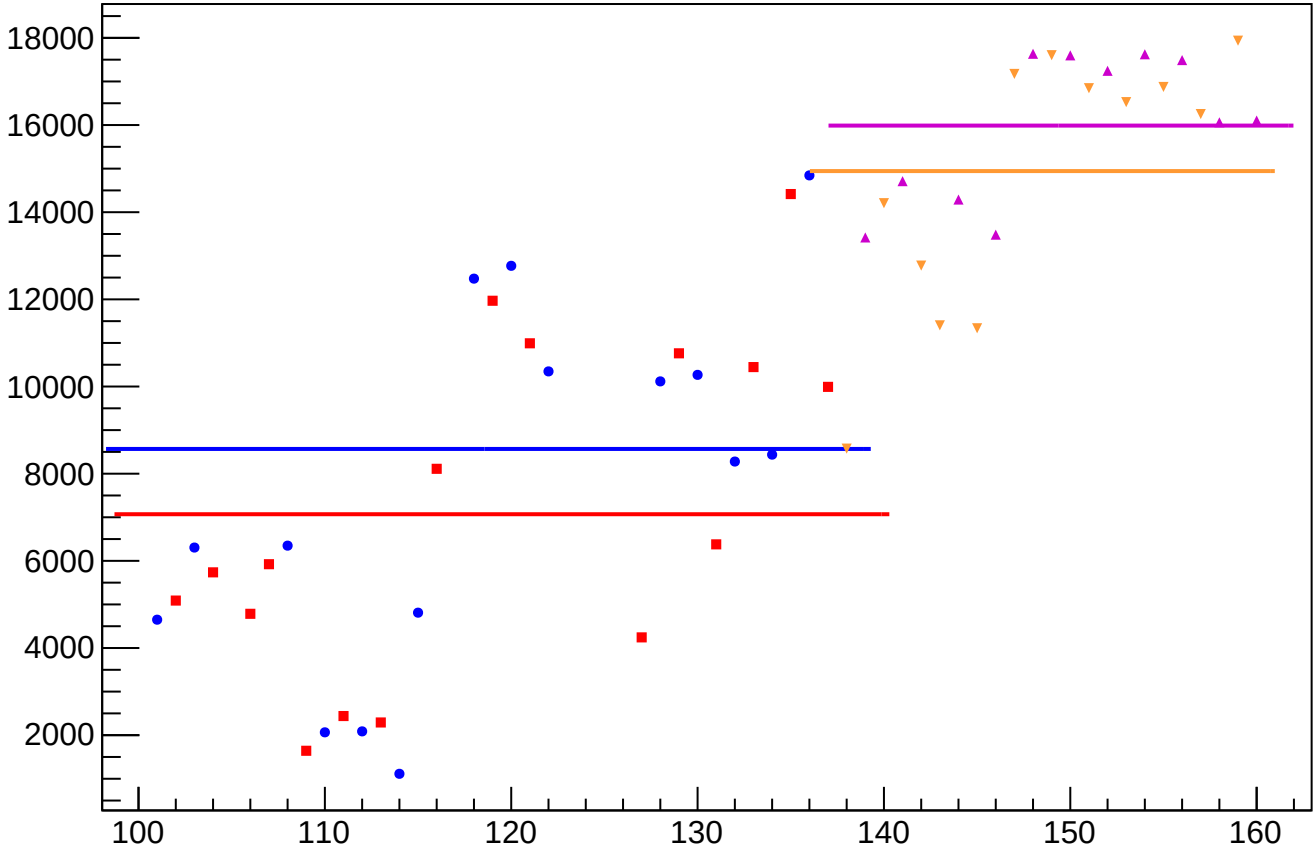
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

+ sign 12296.165+/-0.000 χ^2/NDF: 3443417214700

Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11

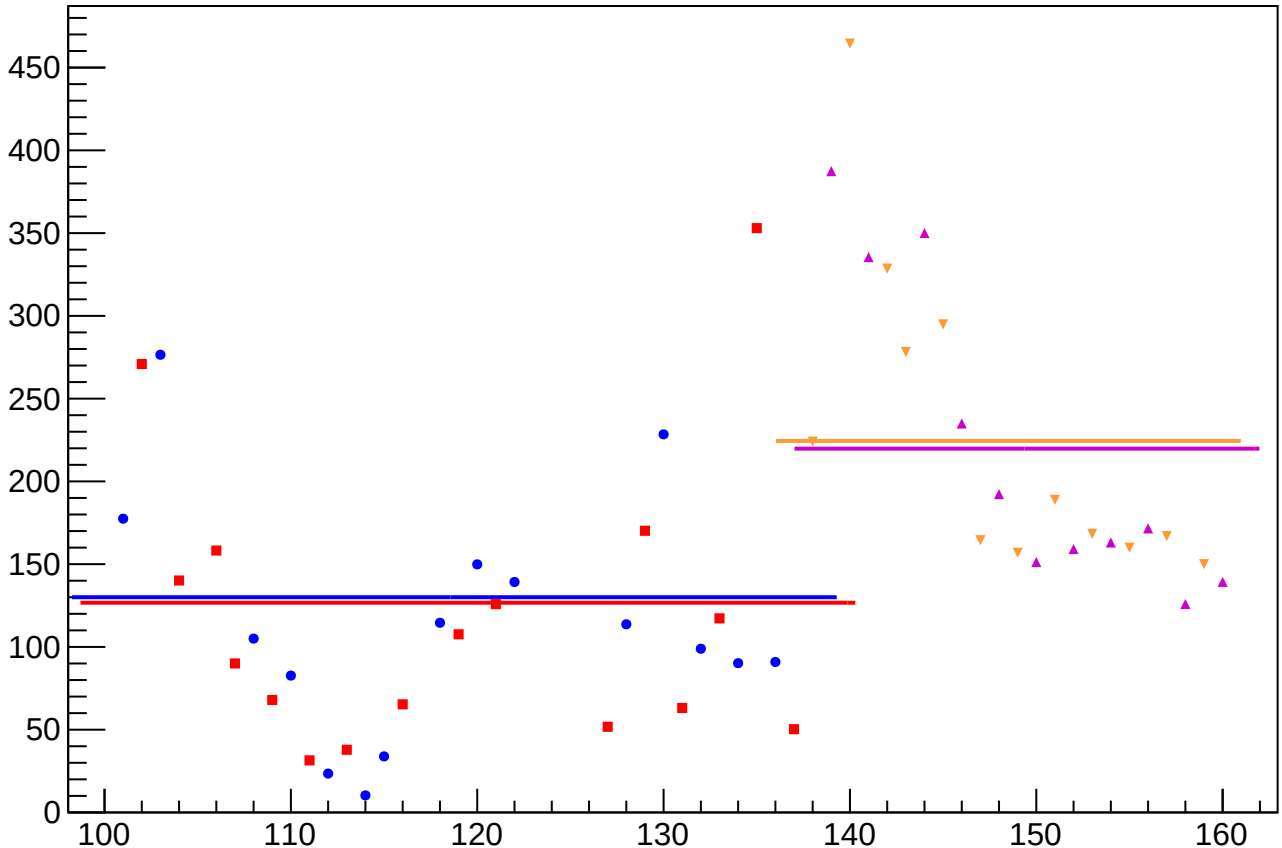
All: 12272.324+/-0.000 χ^2/NDF: 7778802513

Right Out: 7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15

- sign 12248.903+/-0.000 χ^2/NDF: 4335209183534

Left In: 15987.436+/-0.000 χ^2/NDF:2470393428254815728629083332629999124480.0/10

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11

Right Out: 126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

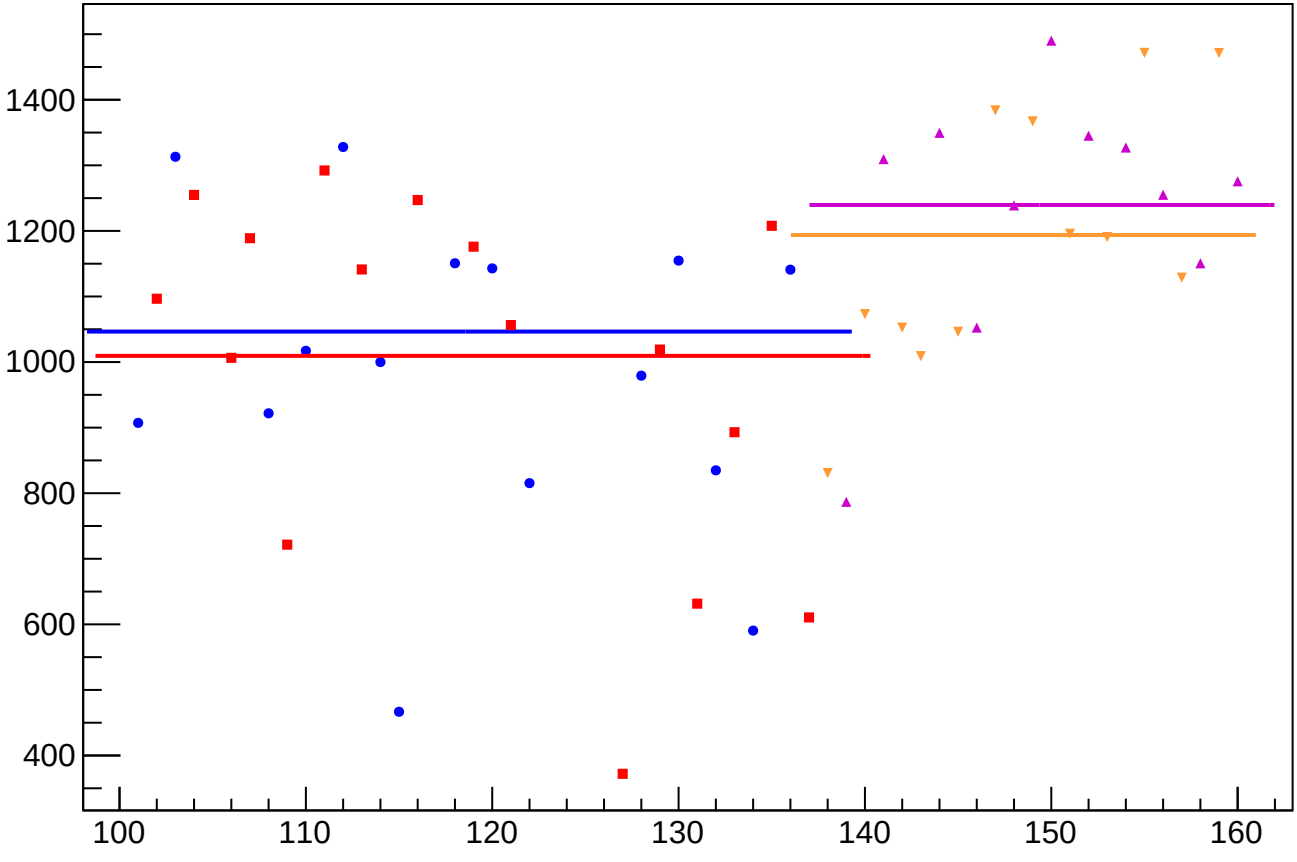
Left In: 219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10

+ sign 185.245+/-0.000 χ^2/NDF: 143703436446713

All: 182.985+/-0.000 χ^2/NDF: 30557896618

- sign 180.765+/-0.000 χ^2/NDF: 161717315752514

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

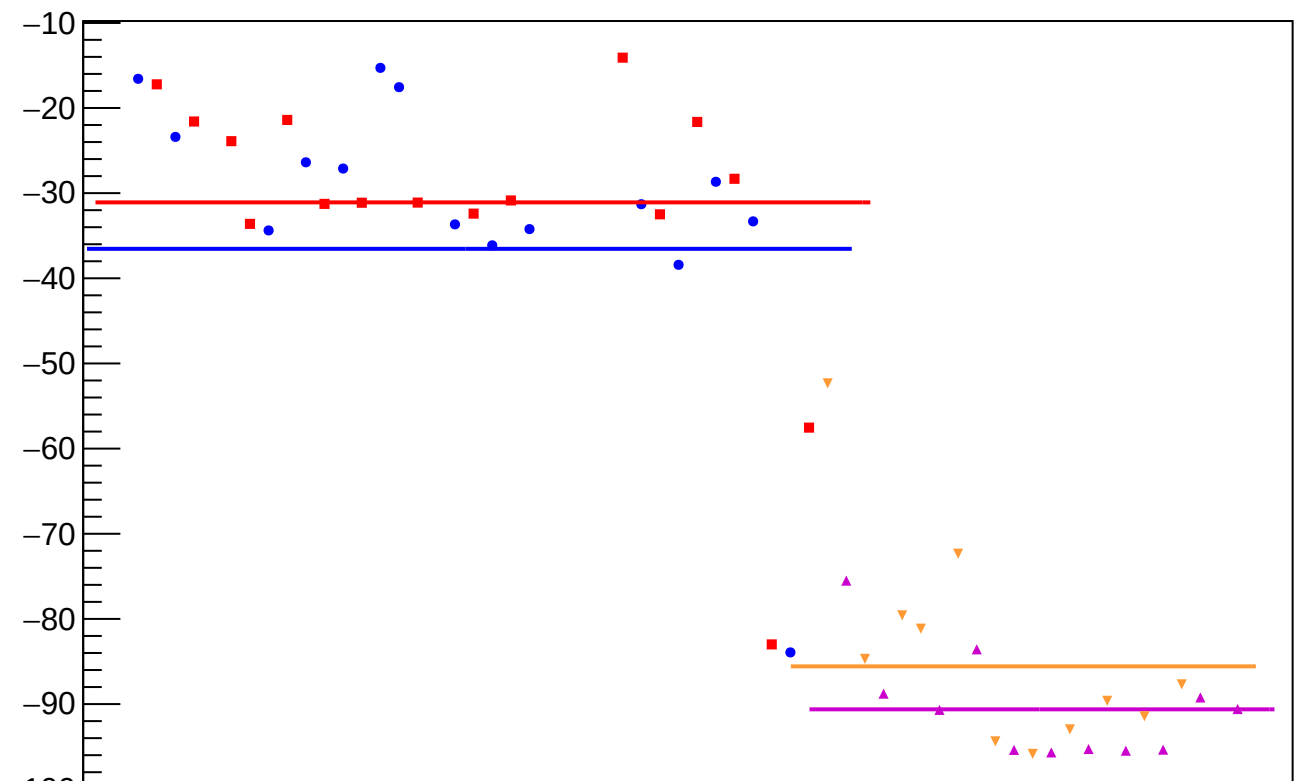
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

Left Out: -85.570+/-0.000 χ^2/NDF:1435577762575479908655916407324672 00.0/11

Right Out: -31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

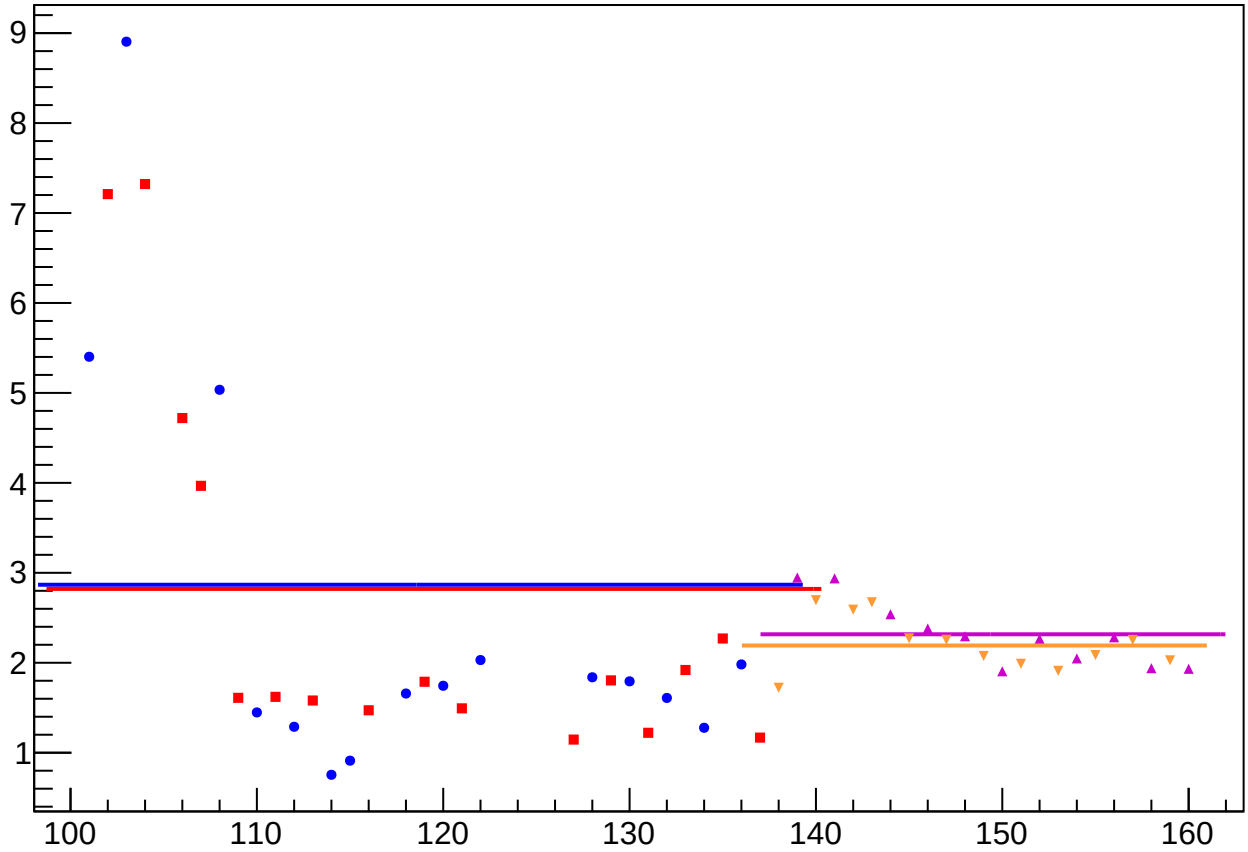
Left In: -90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10

+ sign -65.212+/-0.000 χ^2/NDF: 131026728865009

All: -65.438+/-0.000 χ^2/NDF: 289770508585

- sign -65.660+/-0.000 χ^2/NDF: 1587279434769043

dit_4aX_coil3_err_mean vs Slug



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

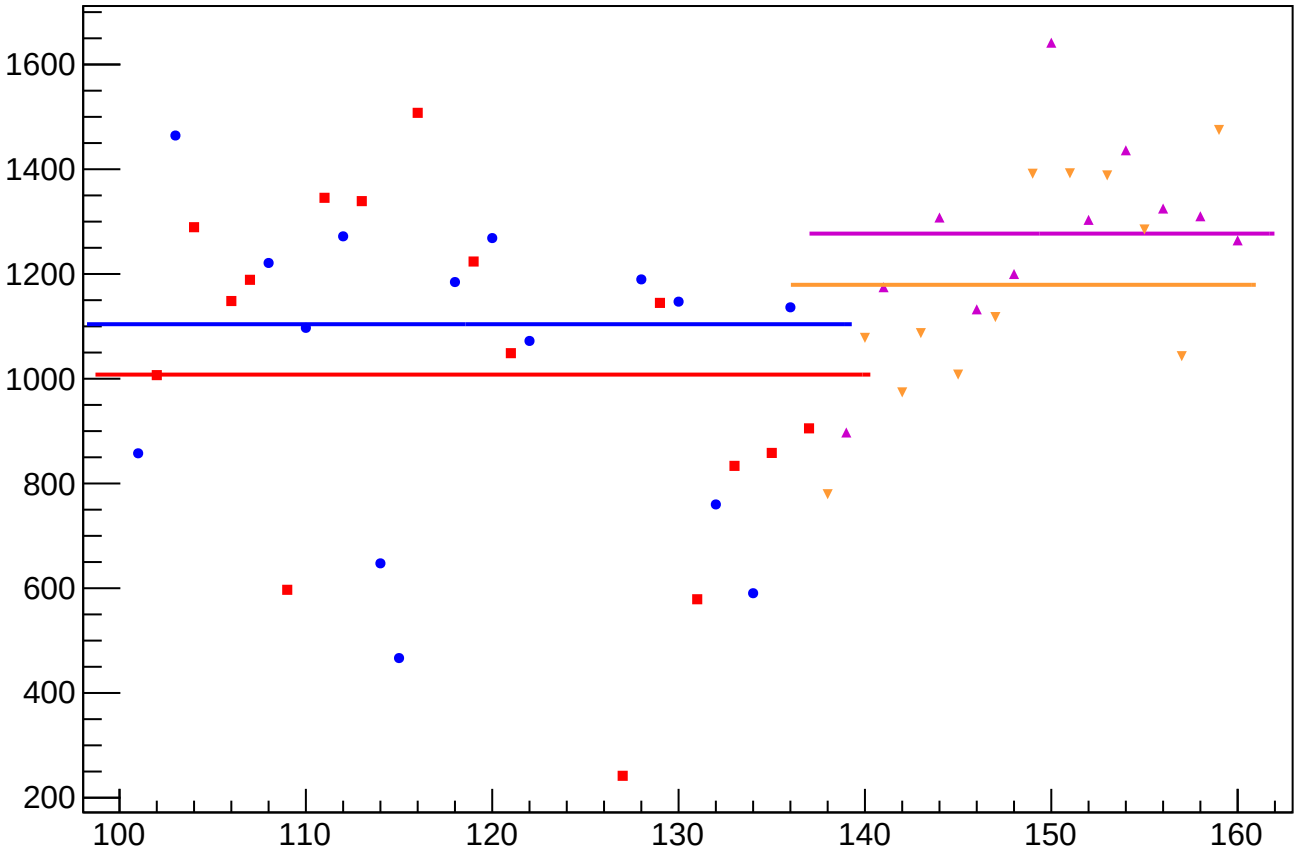
Left In: 2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

+ sign 2.472+/-0.000 χ^2/NDF: 3704648684810753 4

All: 2.501+/-0.000 χ^2/NDF: 6972966397361 3

- sign 2.528+/-0.000 χ^2/NDF: 3265884582788506 2

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

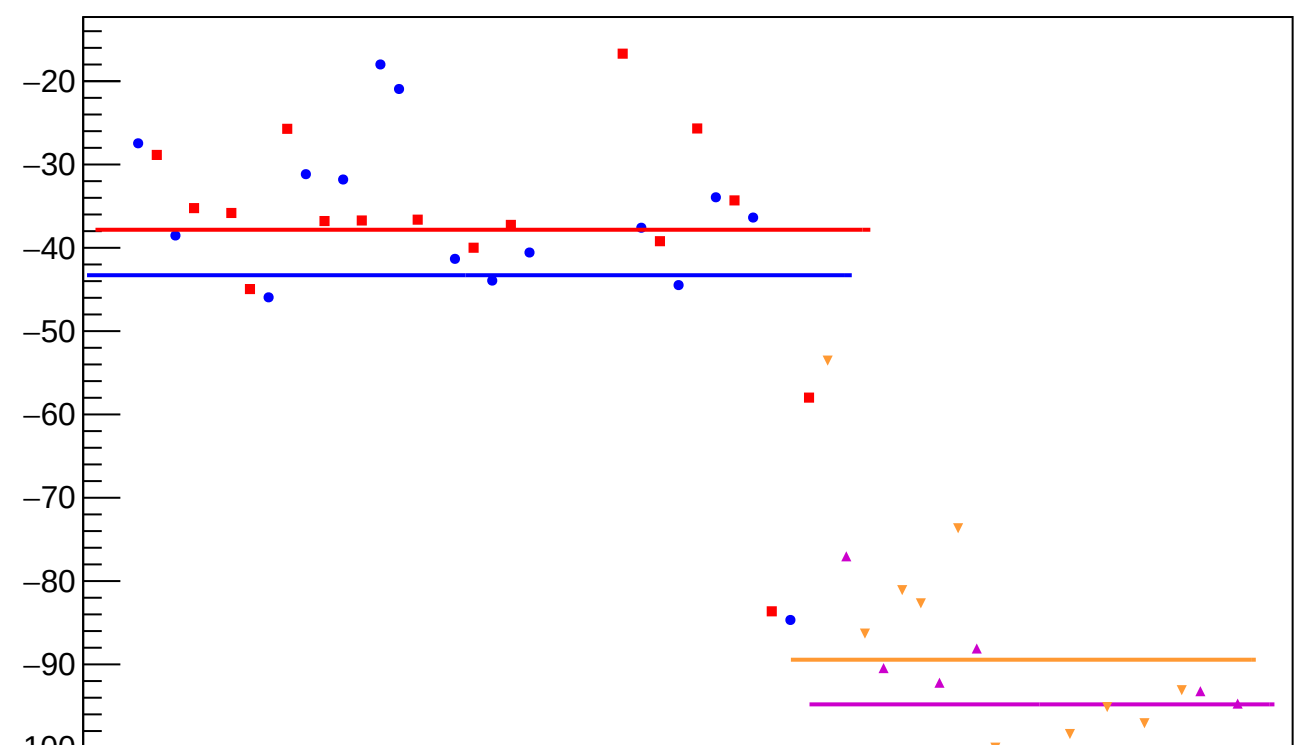
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Left Out: -89.439+/-0.000 χ^2/NDF:1811199629856908411387884279724769 28.0/11

Right Out: -37.832+/-0.000 χ^2/NDF: 1486839339772049366346368438973235 20.0/15

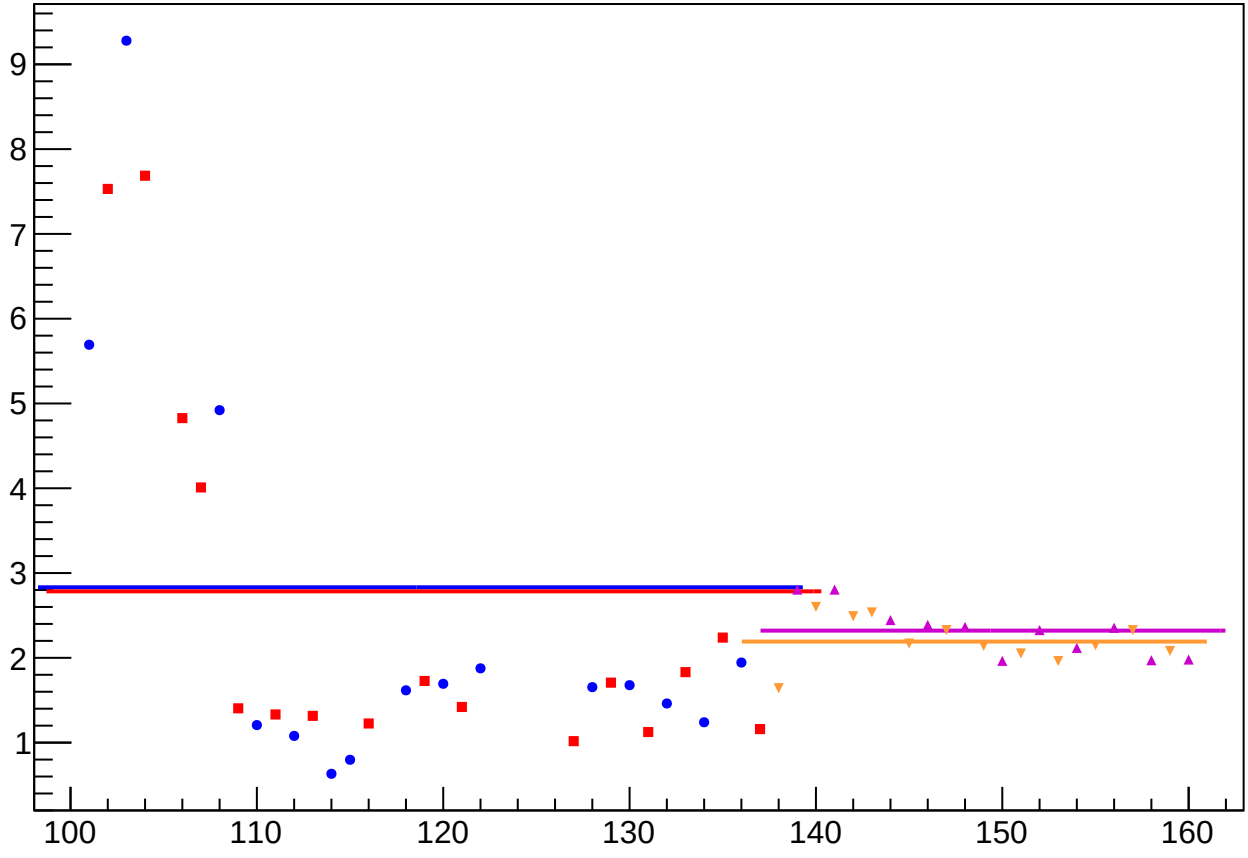
Left In: -94.799+/-0.000 χ^2/NDF:4907705003261100698215696807493632 0.0/10

+ sign -70.276+/-0.000 χ^2/NDF: 118874483717720

All: -70.599+/-0.000 χ^2/NDF: 264393332090

- sign -70.917+/-0.000 χ^2/NDF: 1454865139874700

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

+ sign 2.458+/-0.000 χ^2/NDF: 41727539916182850

Left Out: 2.192+/-0.000 χ^2/NDF:5960155924741500894781652546355 2.0/11

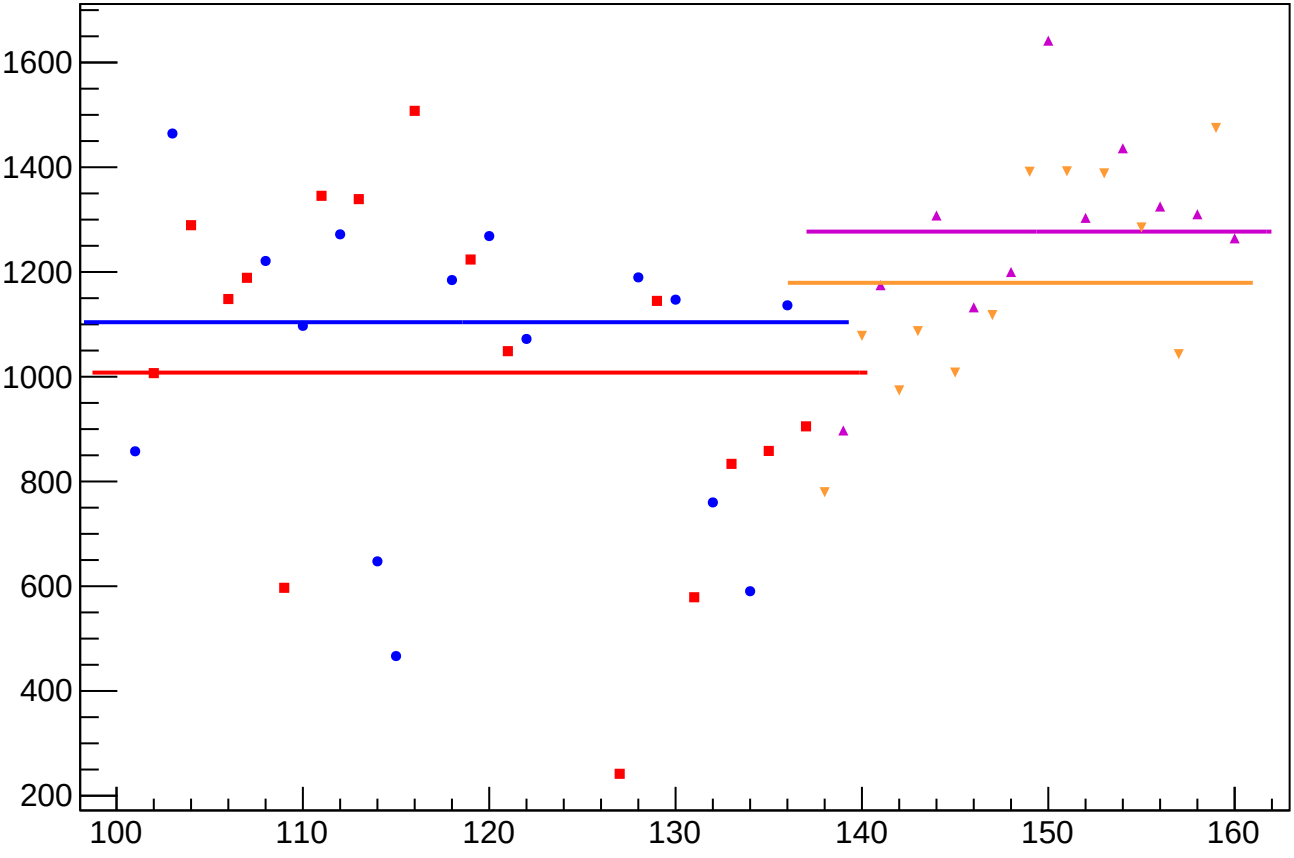
All: 2.487+/-0.000 χ^2/NDF: 7922695447655 6

Right Out: 2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15

- sign 2.515+/-0.000 χ^2/NDF: 37473289103826657

Left In: 2.321+/-0.000 χ^2/NDF:7461912322461632454440450523136 0.0/10

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

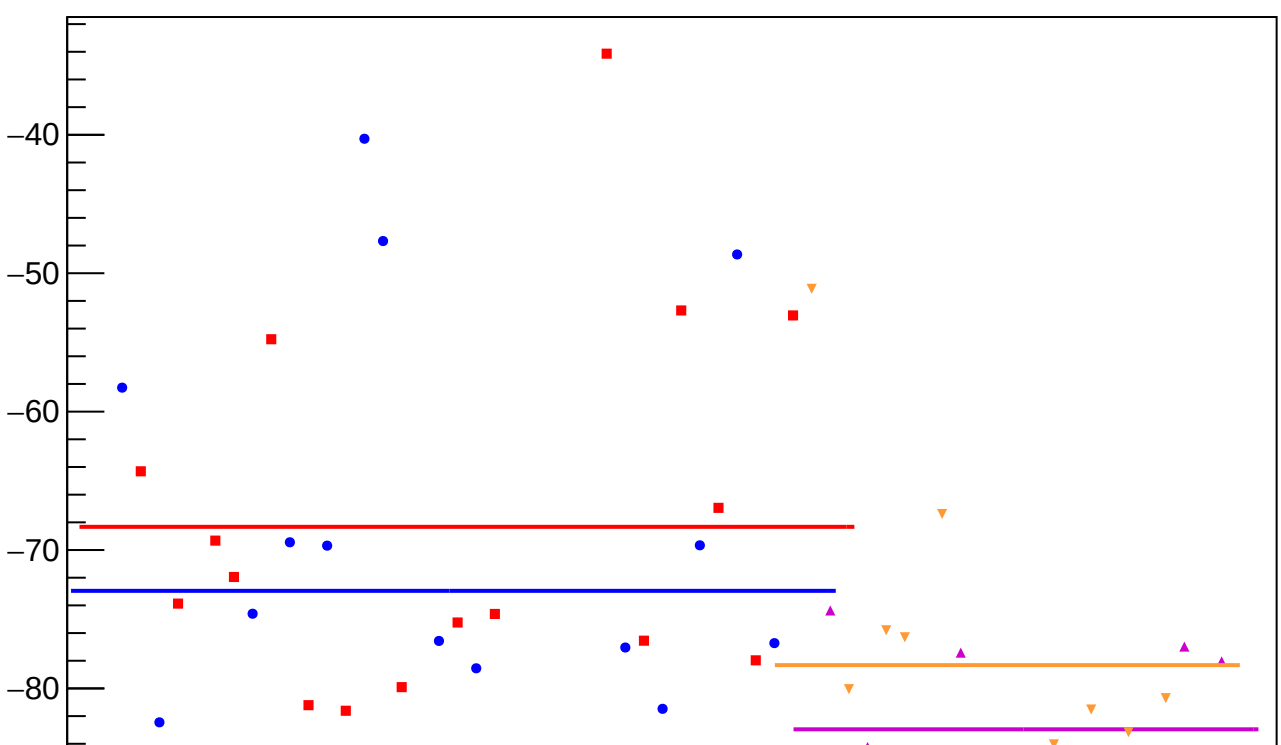
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF: 657554284648579803068791262910873 60.0/14

Left Out: -78.317+/-0.000 χ^2/NDF:868589325876711885940874151607664 64.0/11

Right Out: -68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

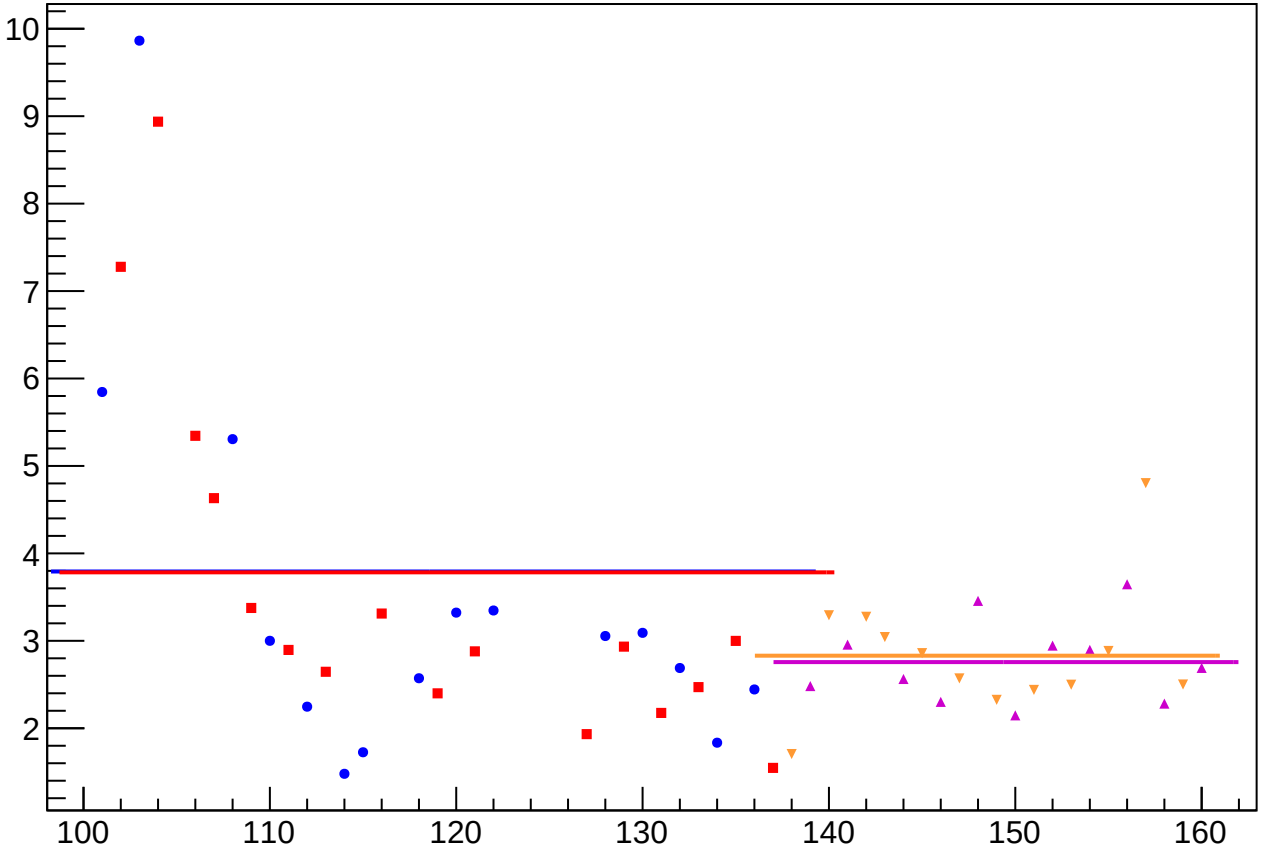
Left In: -82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

+ sign -76.088+/-0.000 χ^2/NDF: 163548804335171

All: -76.457+/-0.000 χ^2/NDF: 374001309343

- sign -76.820+/-0.000 χ^2/NDF: 210029328717765 7

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Left Out: 2.830+/-0.000 χ^2/NDF:4927490260288389079478296211619 84.0/11

Right Out: 3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

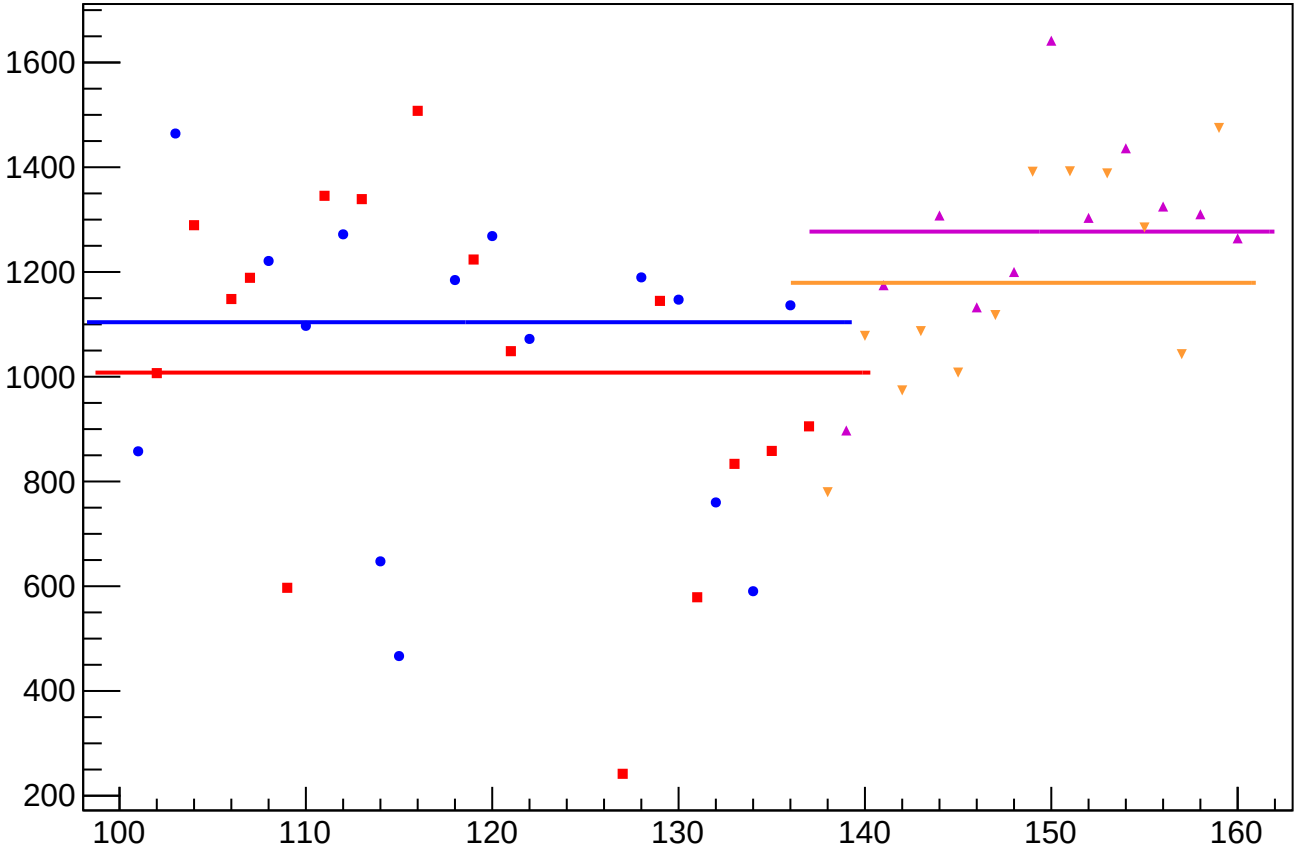
Left In: 2.757+/-0.000 χ^2/NDF:1917207465477323062260540427468 80.0/10

+ sign 3.230+/-0.000 χ^2/NDF: 4049963498640373 1

All: 3.208+/-0.000 χ^2/NDF: 7529870581400 8

- sign 3.187+/-0.000 χ^2/NDF: 3478464708331367 3

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

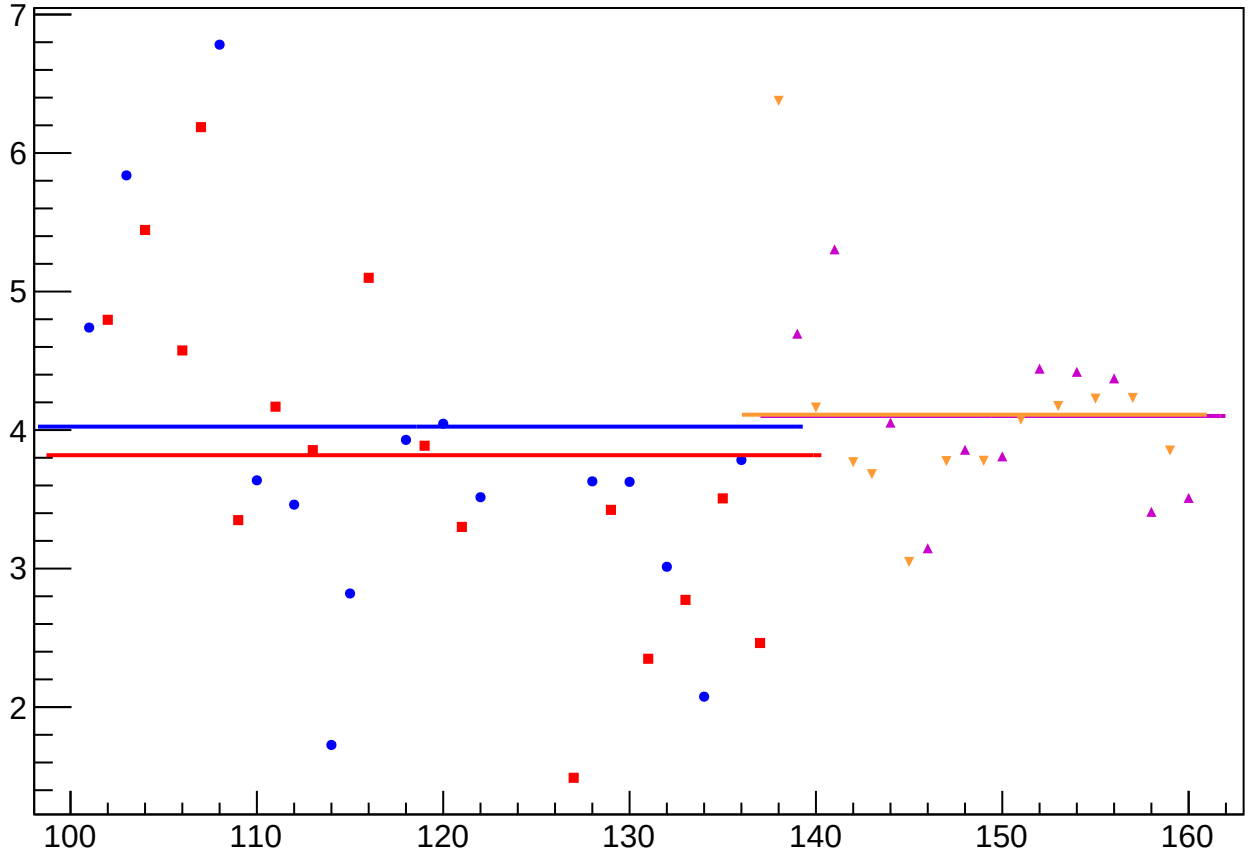
All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

+ sign 4.075+/-0.000 χ^2/NDF: 13044380384615704

Left Out: 4.111+/-0.000 χ^2/NDF:532620096510613693690902891986944.0/11

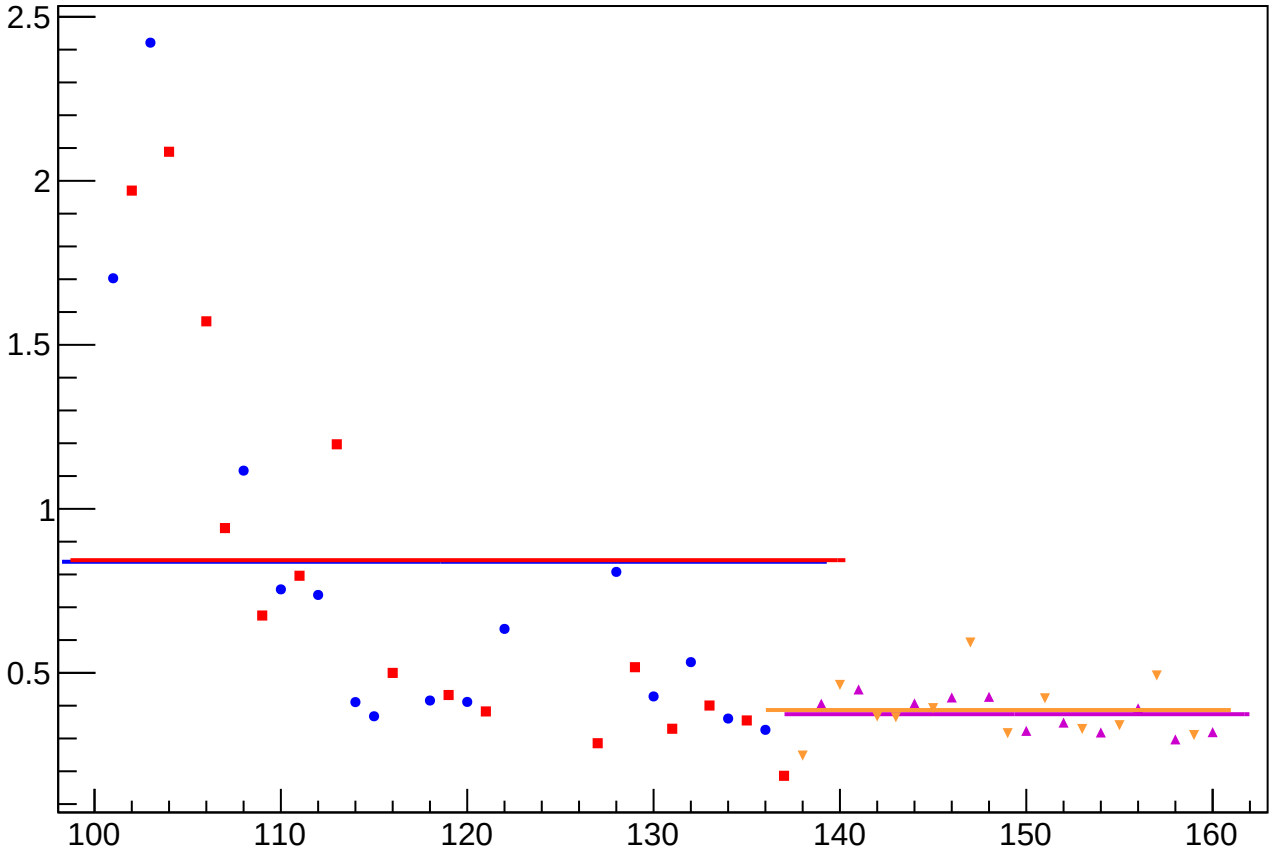
All: 4.029+/-0.000 χ^2/NDF: 2560414246886

Right Out: 3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

- sign 3.983+/-0.000 χ^2/NDF: 12492685976346881

Left In: 4.102+/-0.000 χ^2/NDF:329978343606173709019066465779712.0/10

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Left Out: 0.387+/-0.000 χ^2/NDF:7656532010606705303389852401664.0/11

Right Out: 0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

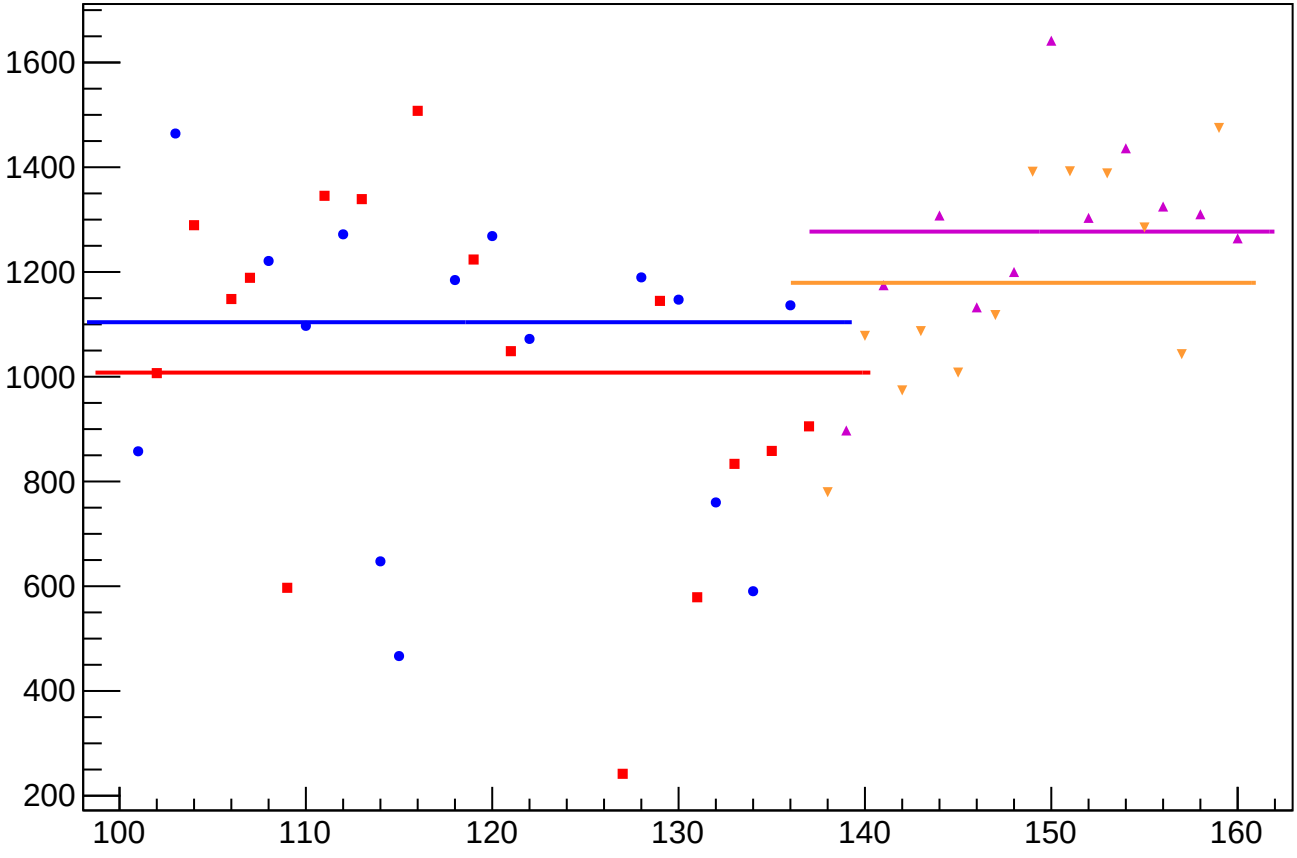
Left In: 0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10

+ sign 0.574+/-0.000 χ^2/NDF: 3436129971052193 9

All: 0.573+/-0.000 χ^2/NDF: 6843499060382 9

- sign 0.571+/-0.000 χ^2/NDF: 3407270582825896 1

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

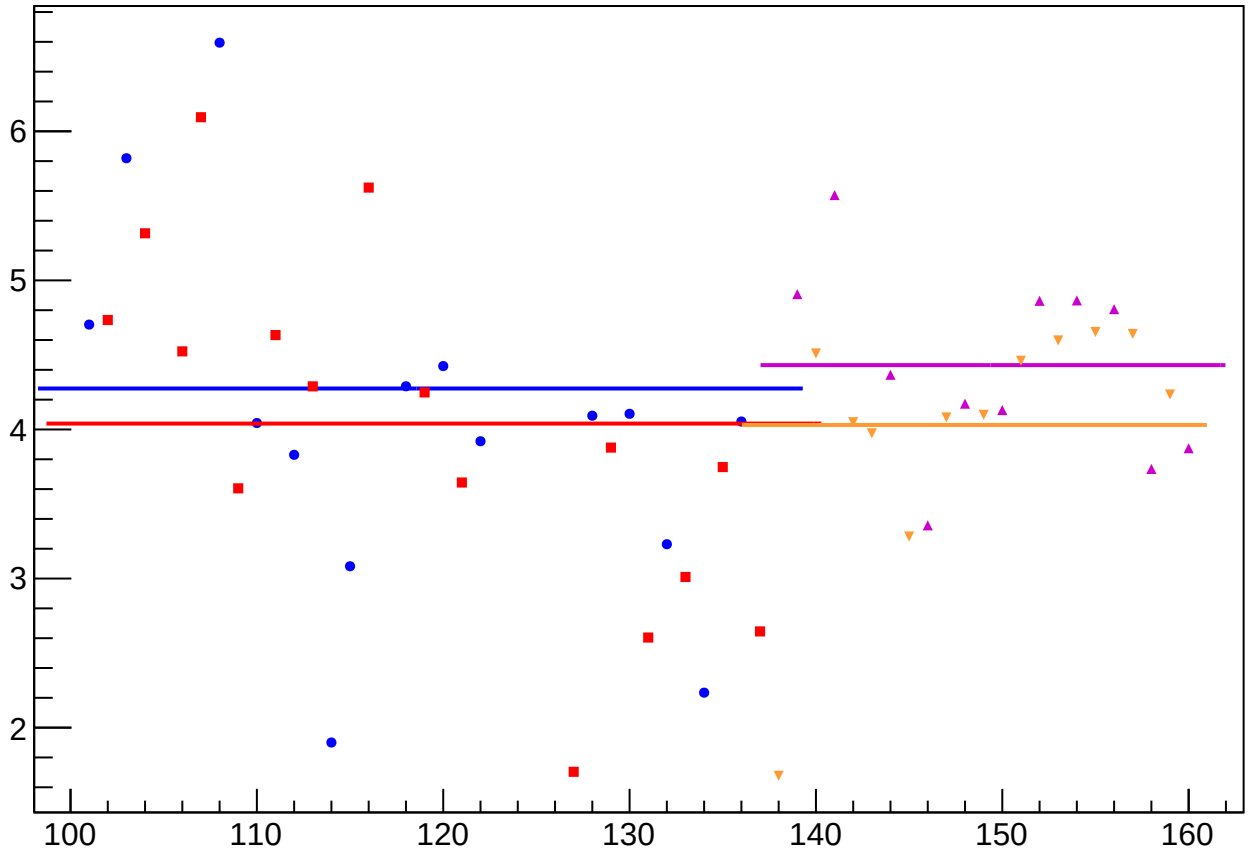
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

+ sign 4.132+/-0.000 χ^2/NDF: 1220685145713443 6

Left Out: 4.030+/-0.000 χ^2/NDF:600797720921367466879695481470976.0/11

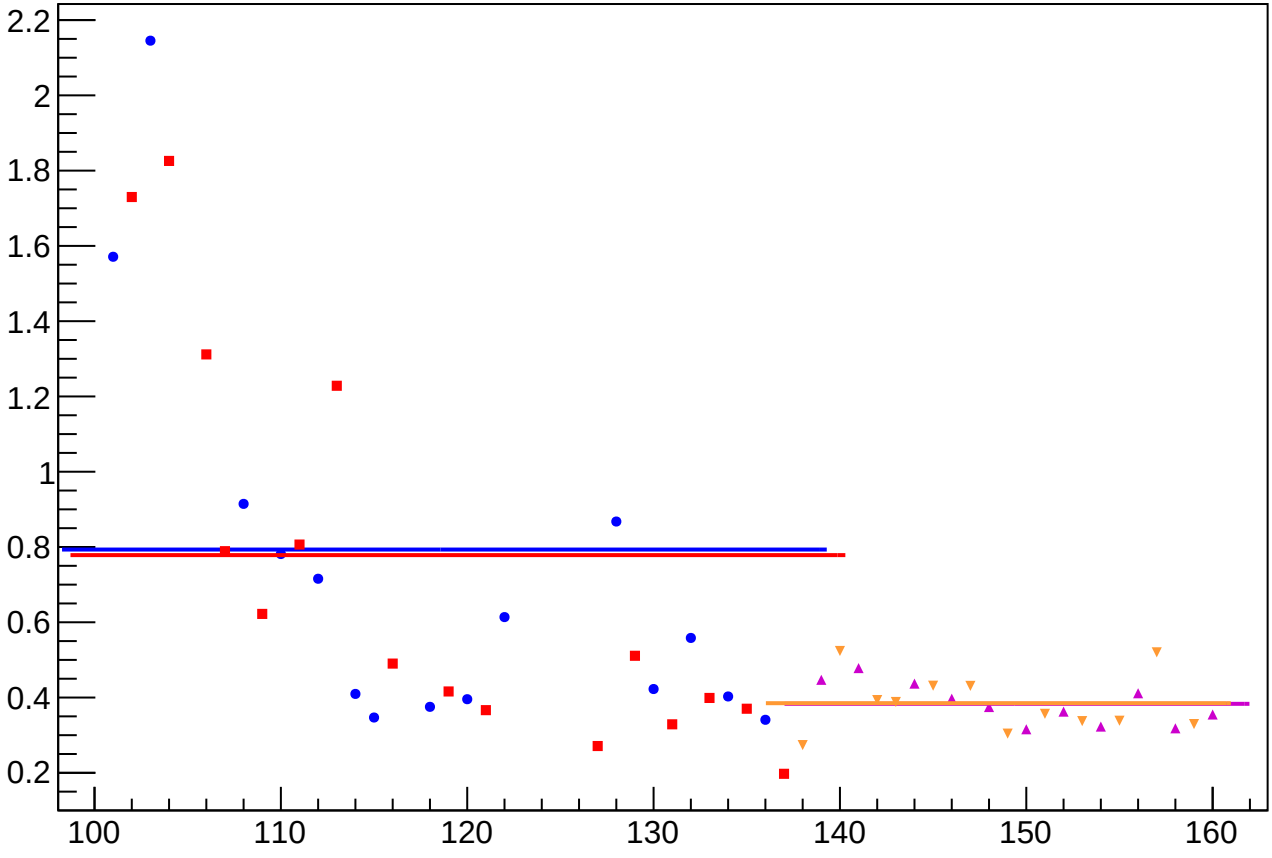
All: 4.200+/-0.000 χ^2/NDF: 2412675813766 7

Right Out: 4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

- sign 4.267+/-0.000 χ^2/NDF: 1177531921685944 1

Left In: 4.432+/-0.000 χ^2/NDF:3456027031912457705542103638999 04.0/10

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF: 1955087771735894834403147000053 76.0/14

Left Out: 0.385+/-0.000 χ^2/NDF:5547784180240414411423653822464.0/11

Right Out: 0.778+/-0.000 χ^2/NDF: 1858146357721833060639036900638 72.0/15

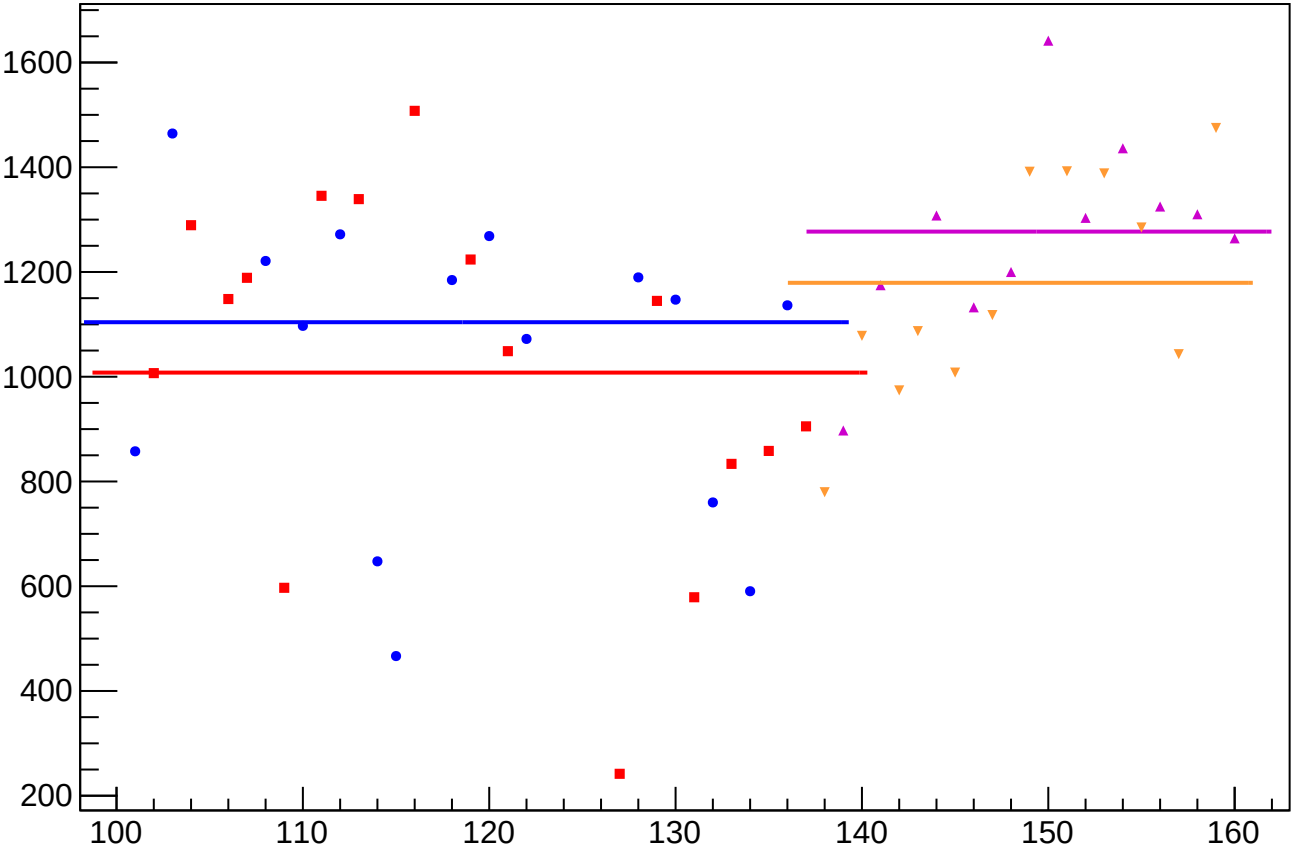
Left In: 0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

+ sign 0.555+/-0.000 χ^2/NDF: 2643049426834441 4

All: 0.552+/-0.000 χ^2/NDF: 5132404474618 2

- sign 0.549+/-0.000 χ^2/NDF: 2489112067555135 9

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

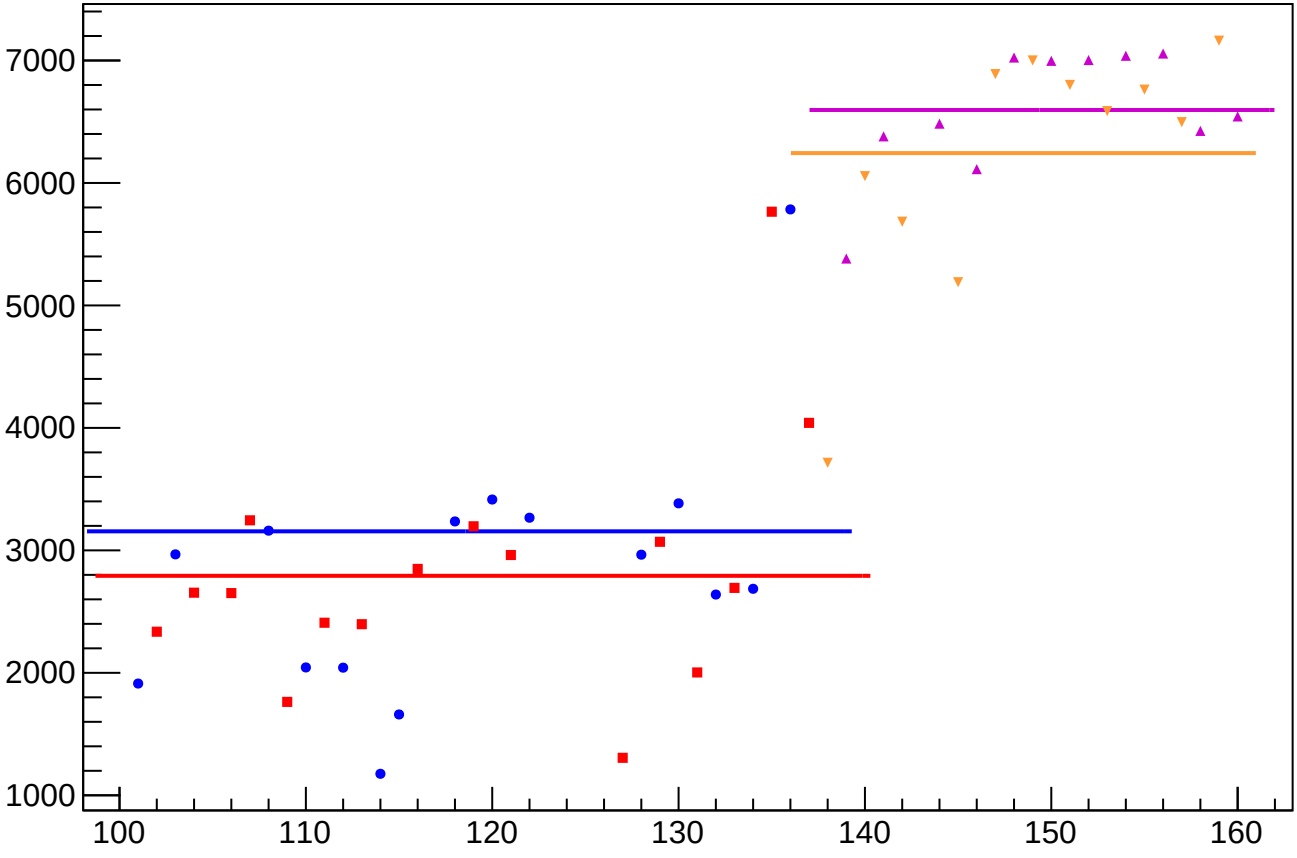
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

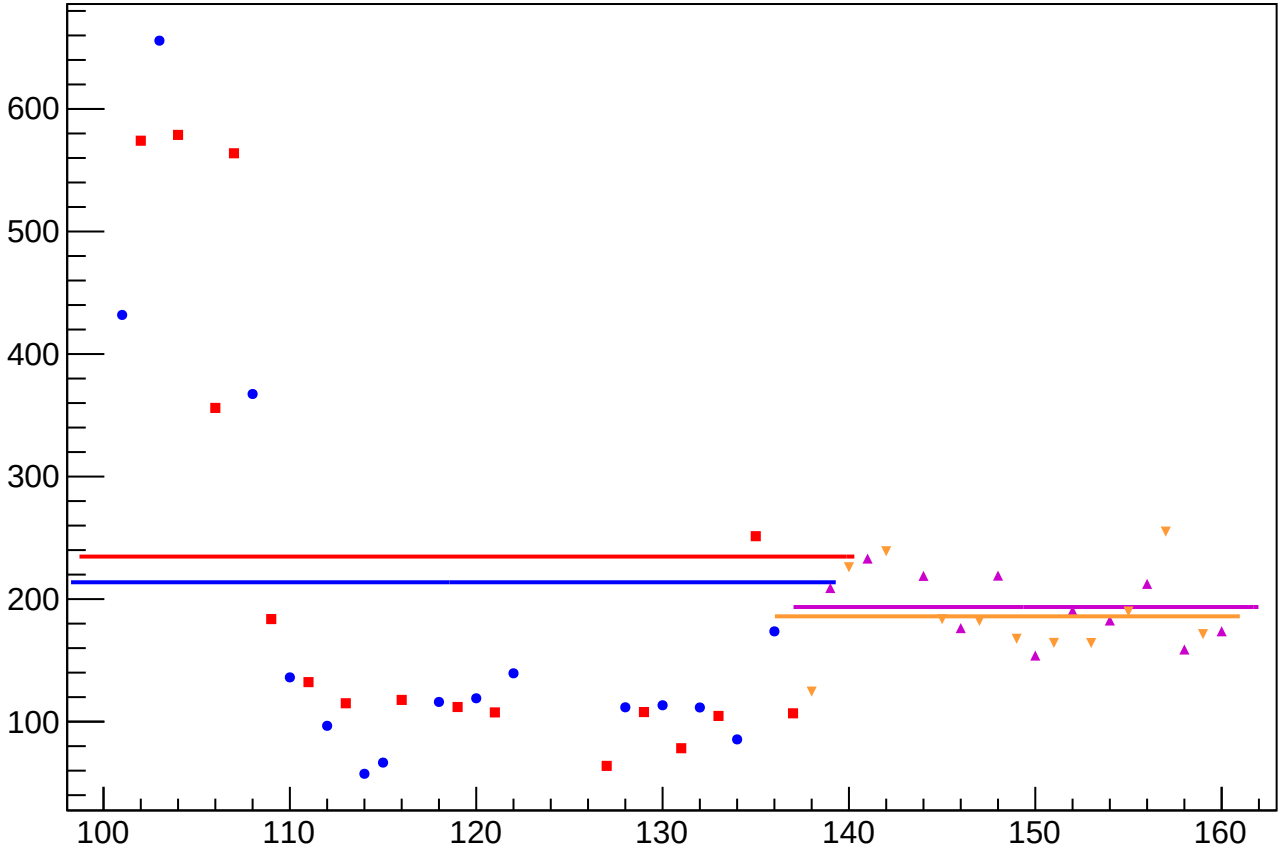
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14
+ sign 4904.094+/-0.000 χ^2/NDF: 5219905519313 5
Left Out: 6243.976+/-0.000 χ^2/NDF:8112307861683783027801391656887113482 24.0/10
All: 4954.171+/-0.000 χ^2/NDF: 1173127883 1
Right Out: 2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867 17184.0/15
- sign 5001.259+/-0.000 χ^2/NDF: 65040940380317
Left Out: 6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640 93696.0/10

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF: 197181381090540021143611498605072875 52.0/14

Left Out: 185.948+/-0.000 χ^2/NDF:105770660759576758358797484664081612 8.0/10

Right Out: 234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

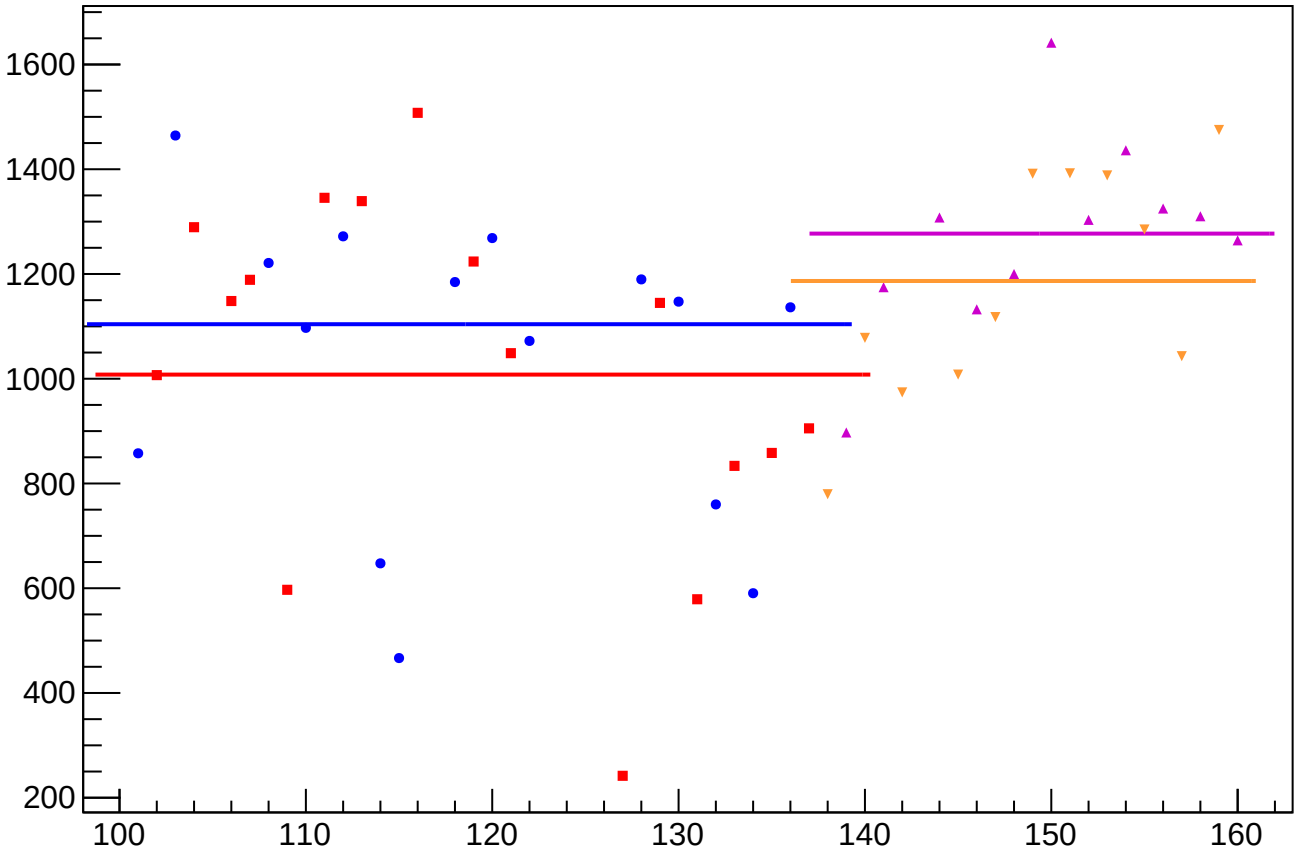
Left In: 193.543+/-0.000 χ^2/NDF:598931150644293332680217057881489408.0/10

+ sign 198.004+/-0.000 χ^2/NDF: 21059649970199 0

All: 204.600+/-0.000 χ^2/NDF: 46454573785 3

- sign 210.803+/-0.000 χ^2/NDF: 252686308073901

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF:381272901824193730906366146032361799 68.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

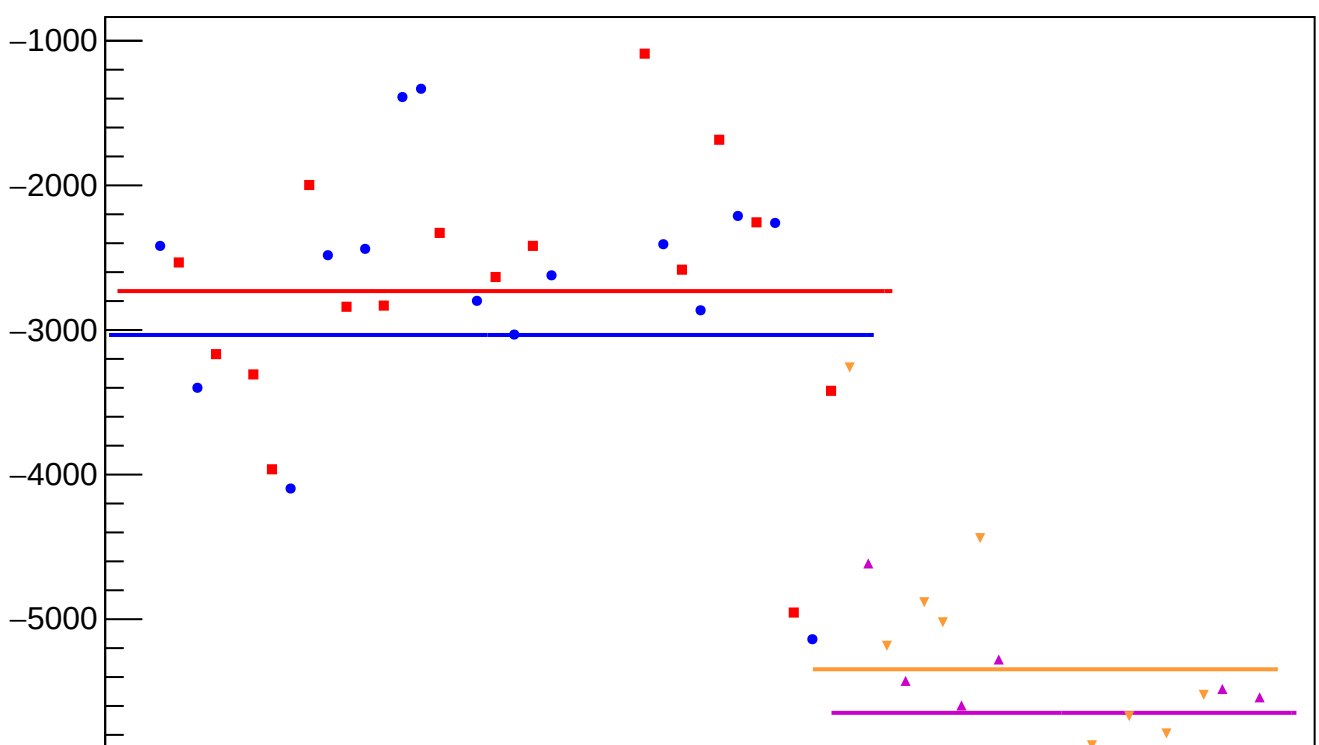
Left In: 1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

+ sign 1150.834+/-0.000 χ^2/NDF: 7336754837783

All: 1157.745+/-0.000 χ^2/NDF: 2002333714

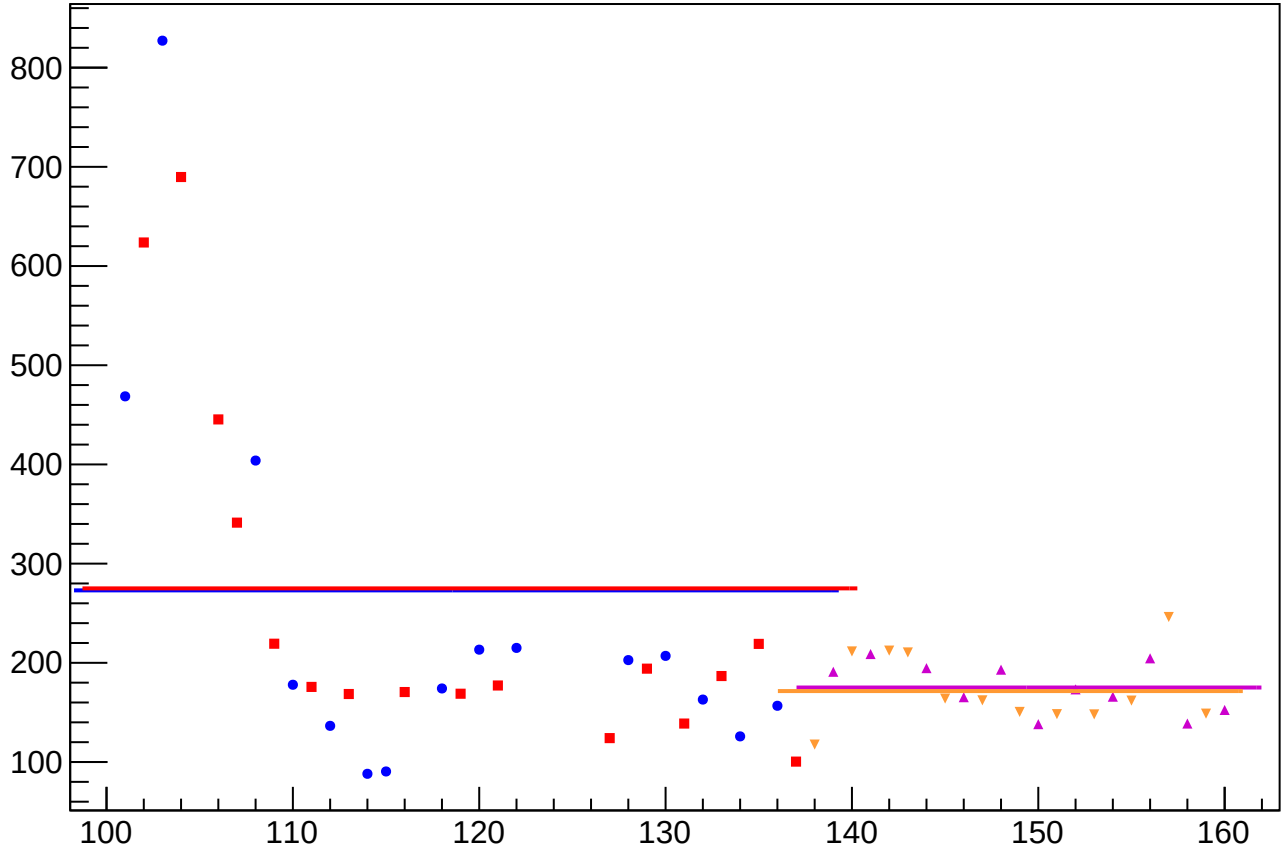
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14
+ sign -4386.382+/-0.000 χ^2/NDF: 3254755460990
Left Out: -5346.287+/-0.000 χ^2/NDF:5958304557748005533830020957823377080 32.0/11
All: -4405.811+/-0.000 χ^2/NDF: 7243621292
Right Out: -2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15
- sign -4424.898+/-0.000 χ^2/NDF: 39876961959136
Left In: -5647.632+/-0.000 χ^2/NDF:1642143129080356452151263569354917150 72.0/10

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 171.517+/-0.000 χ^2/NDF:116220444612441845226576344420607590 4.0/11

Right Out: 275.044+/-0.000 χ^2/NDF: 222647600887529017925618929916570501 12.0/15

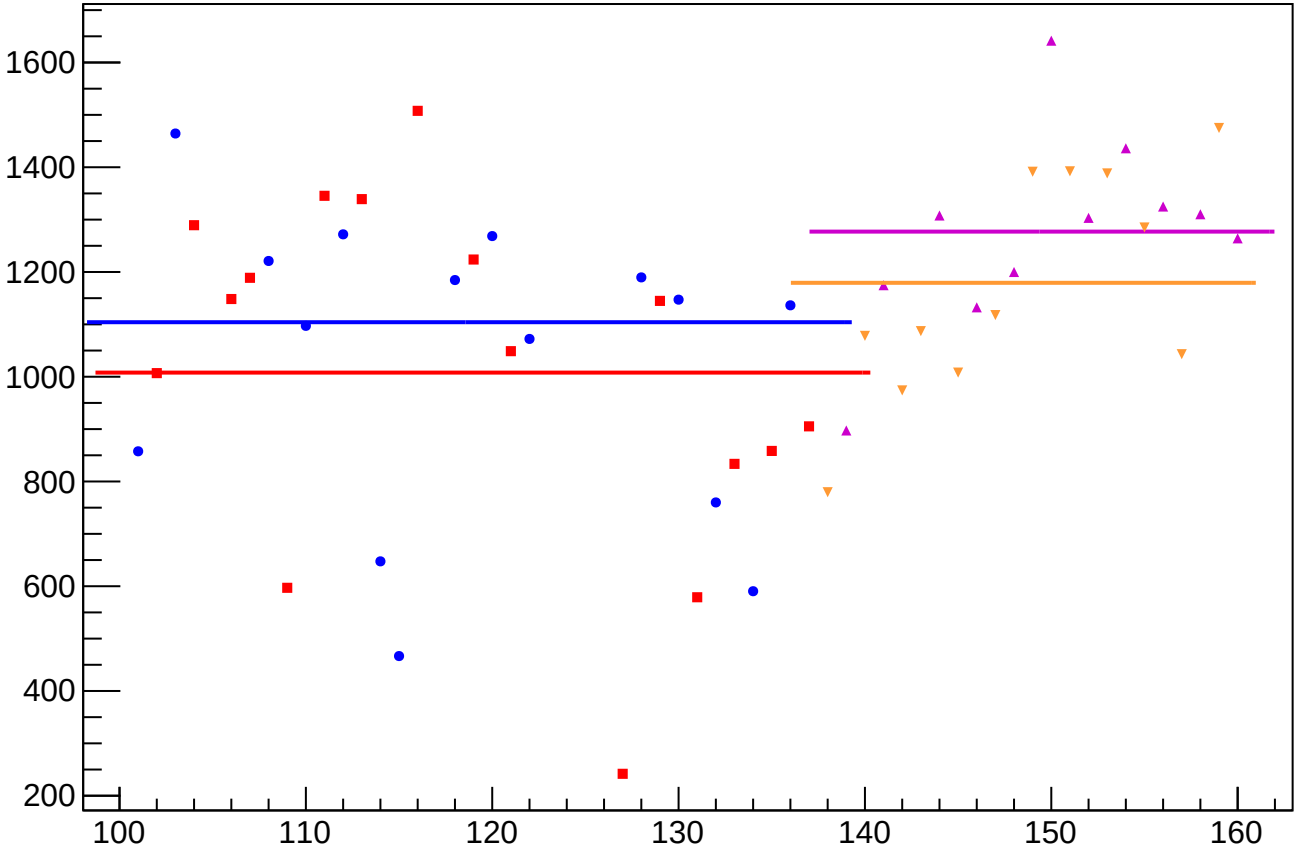
Left In: 175.100+/-0.000 χ^2/NDF:532319905760316522814470909096624128.0/10

+ sign 213.672+/-0.000 χ^2/NDF: 31559661573159 6

All: 215.351+/-0.000 χ^2/NDF: 5823479178 10

- sign 217.000+/-0.000 χ^2/NDF: 266663969074785

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

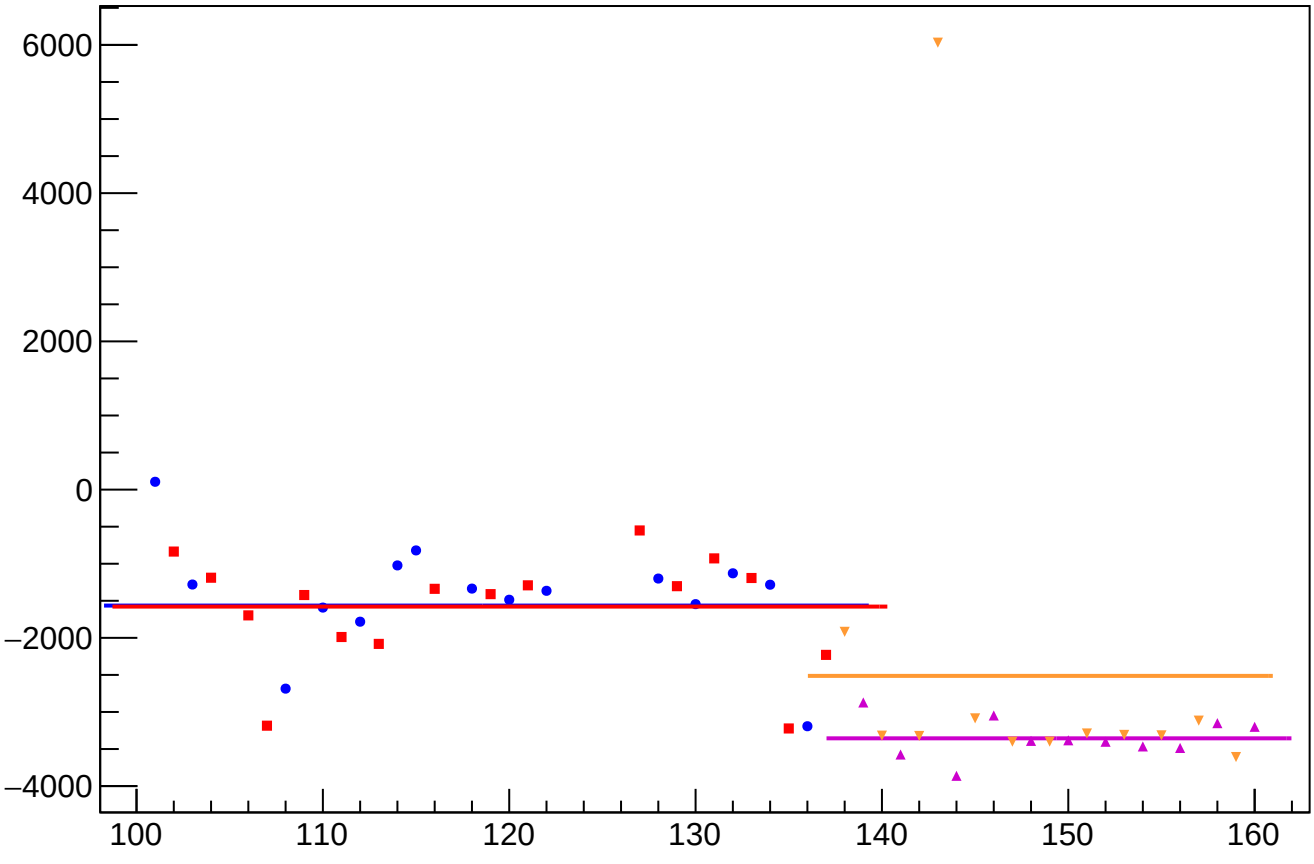
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

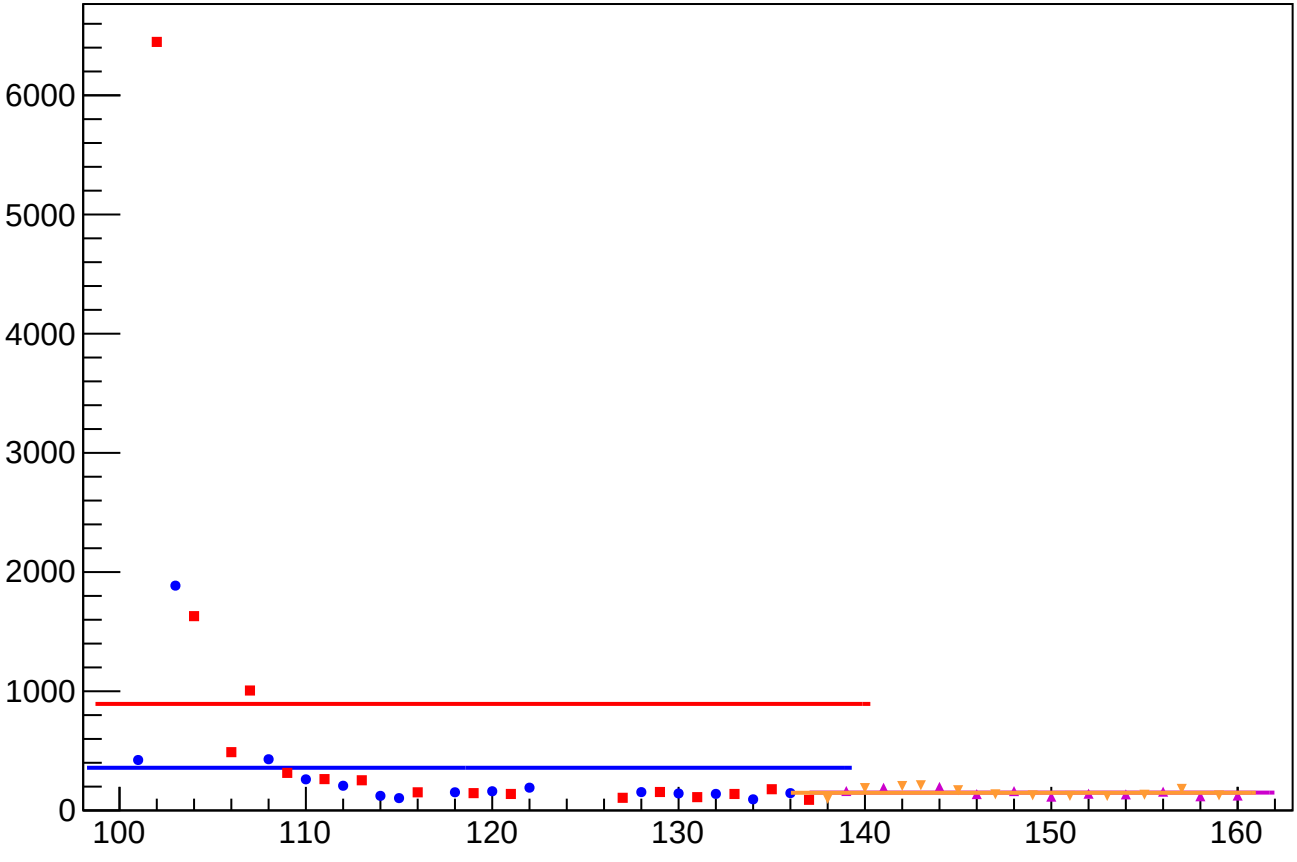
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14
+ sign -2119.303+/-0.000 χ^2/NDF: 6256498974115
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
All: -2367.087+/-0.000 χ^2/NDF: 8100740550
Right Out: -1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
- sign -2610.511+/-0.000 χ^2/NDF: 1654003244515 9
Left In: -3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14

+ sign 235.441+/-0.000 χ^2/NDF: 17570532501070 5

Left Out: 148.359+/-0.000 χ^2/NDF:1090286331733366082581256970807803904.0/11

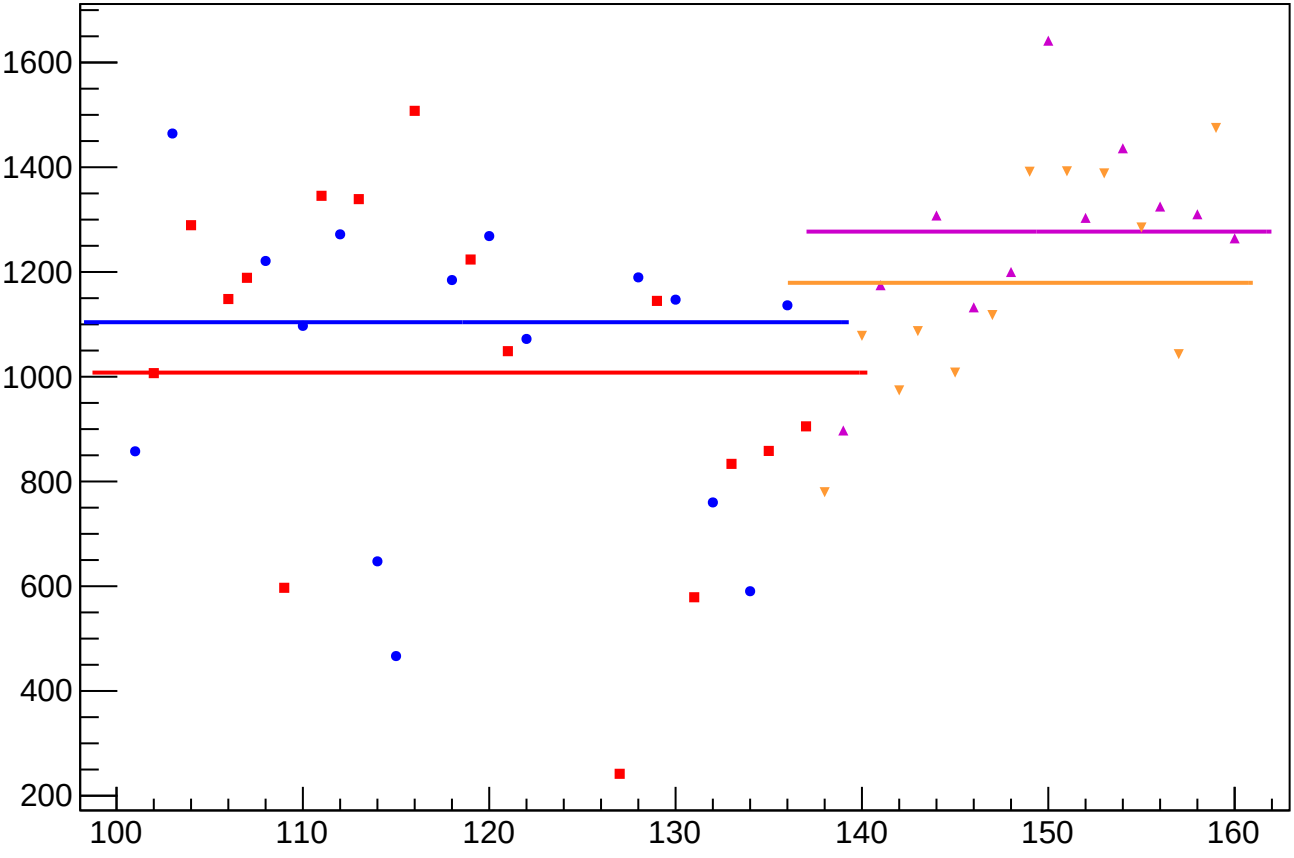
All: 349.608+/-0.000 χ^2/NDF: 2507121059 72

Right Out: 893.897+/-0.000 χ^2/NDF: 2075920155774201043572695656797803905024.0/15

- sign 461.767+/-0.000 χ^2/NDF: 229102929368244

Left In: 149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

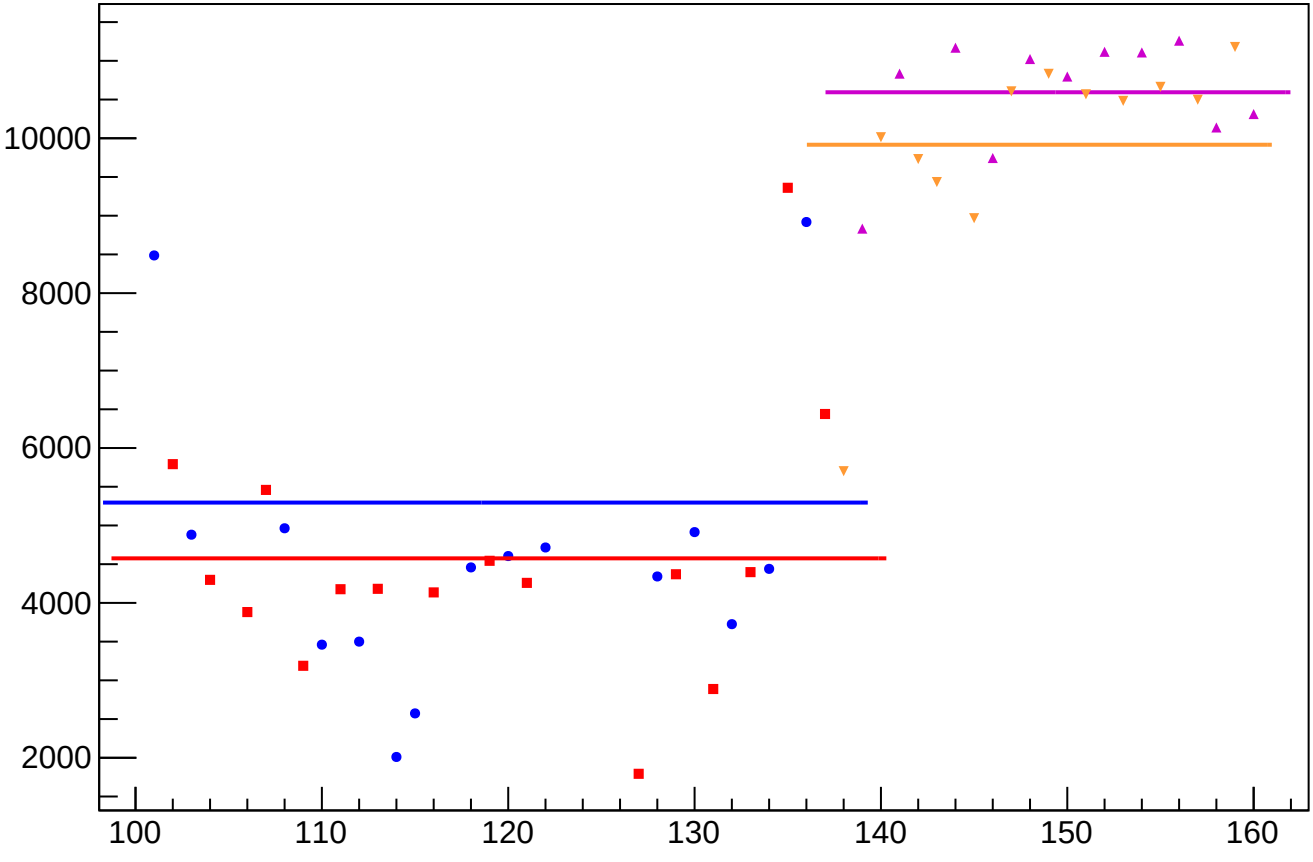
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Left Out: 9916.420+/-0.000 χ^2/NDF:184071439275717483725448177147911654604 8.0/11

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

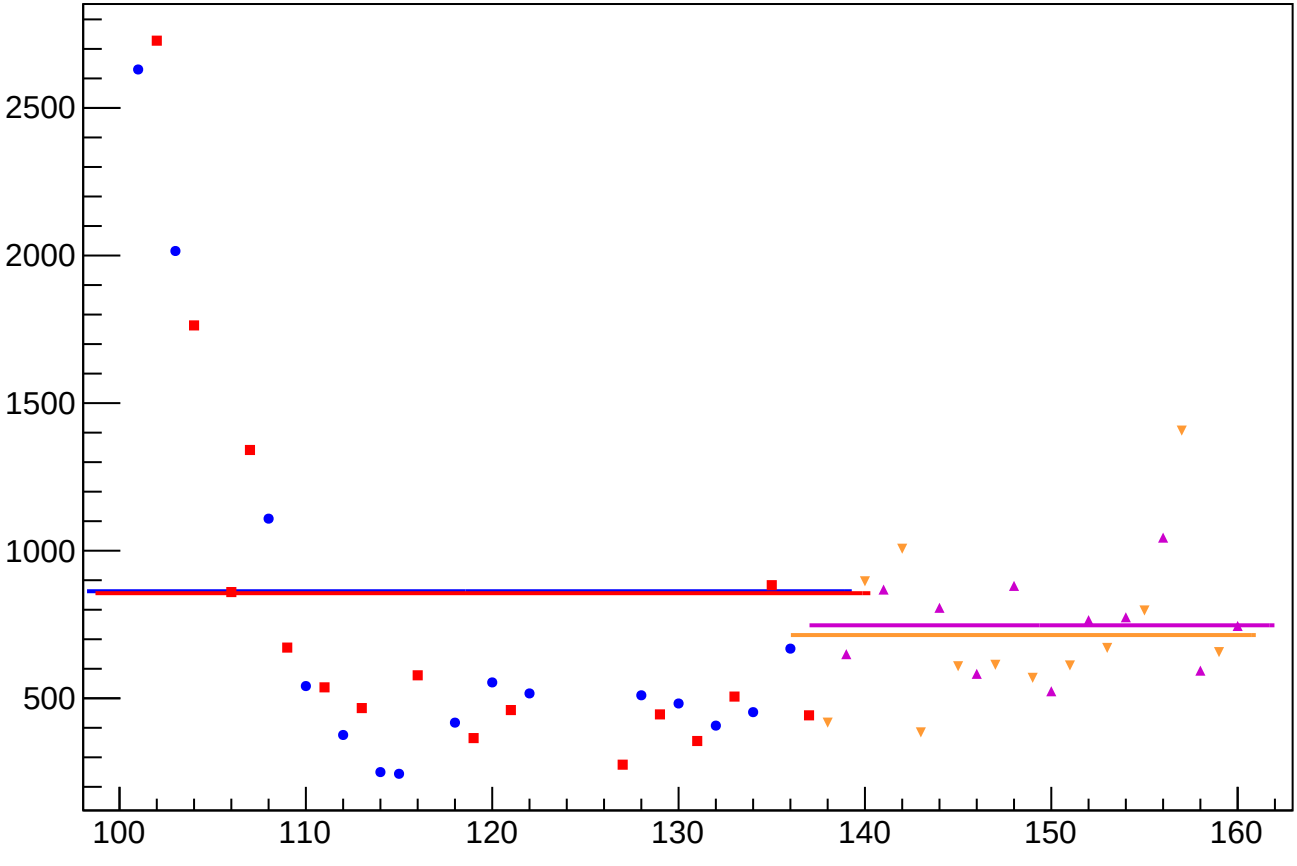
Left In: 10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

+ sign 7997.682+/-0.000 χ^2/NDF: 1245021204237 8

All: 8034.568+/-0.000 χ^2/NDF: 2882072003 4

- sign 8070.804+/-0.000 χ^2/NDF: 16366292406753

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14

Left Out: 714.221+/-0.000 χ^2/NDF:6393682365708312414092225163706551500 8.0/11

Right Out: 856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15

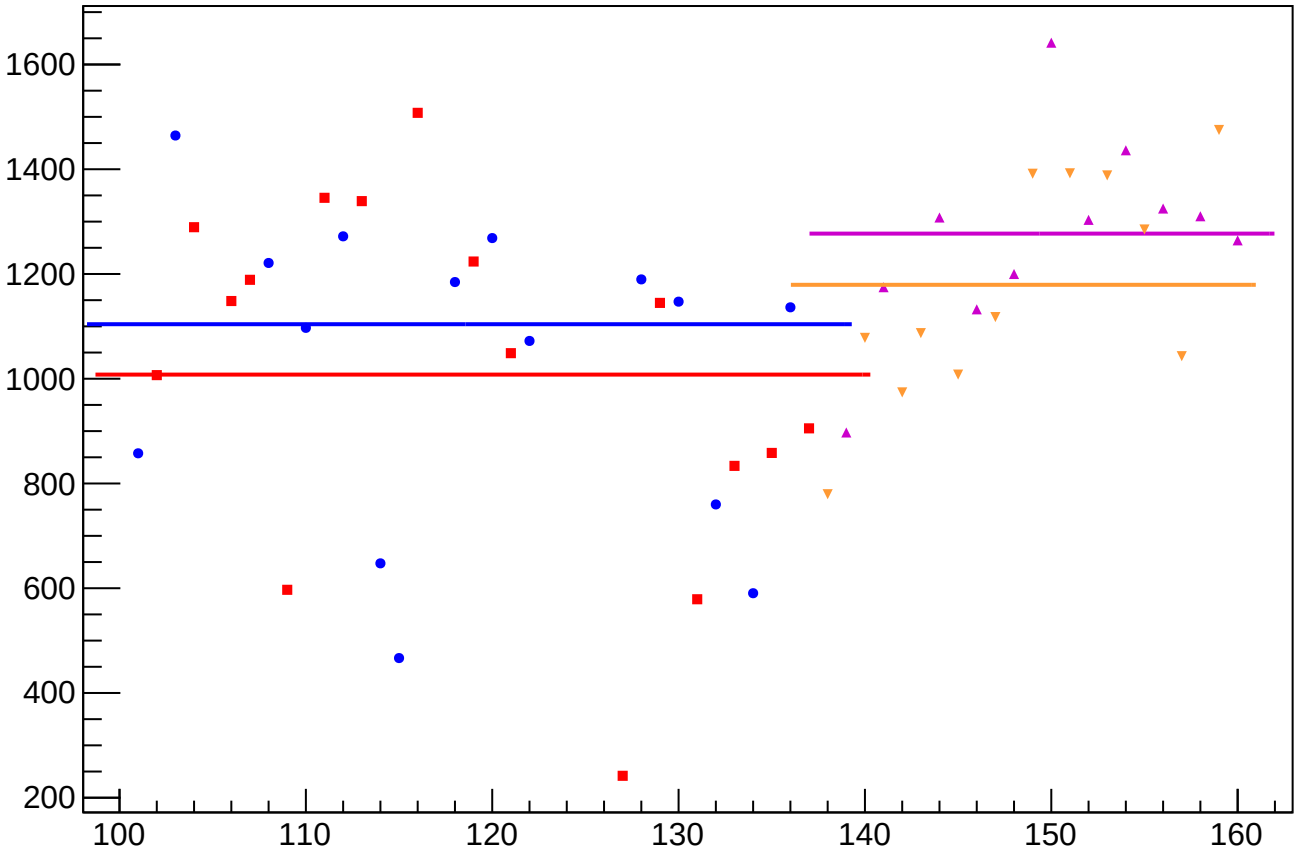
Left In: 747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10

+ sign 775.866+/-0.000 χ^2/NDF: 409985766107580

All: 784.449+/-0.000 χ^2/NDF: 7616721952 37

- sign 792.881+/-0.000 χ^2/NDF: 351458177247538

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

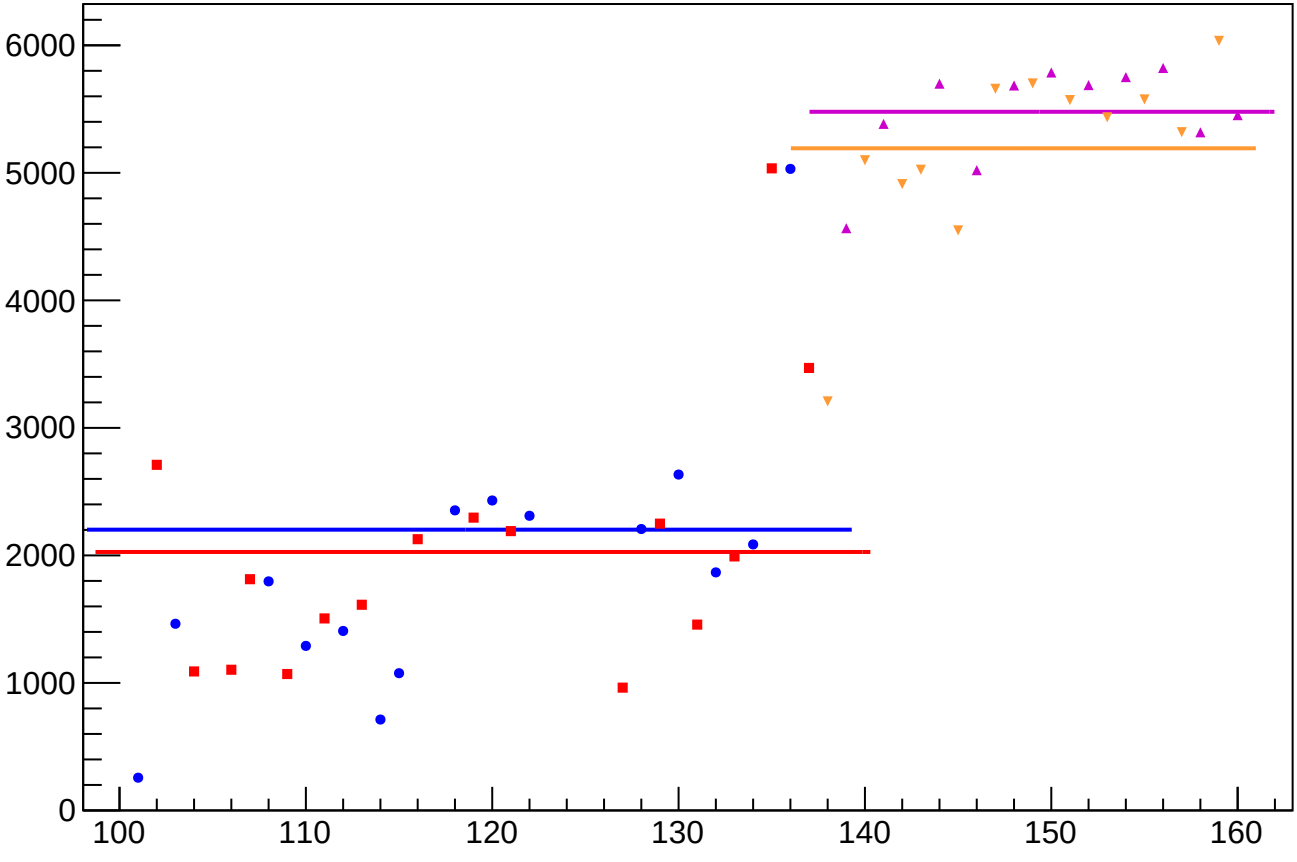
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

+ sign 3950.684+/-0.000 χ^2/NDF: 4951222150241

Left Out: 5192.476+/-0.000 χ^2/NDF:4703171184355329372001483465086247895 04.0/11

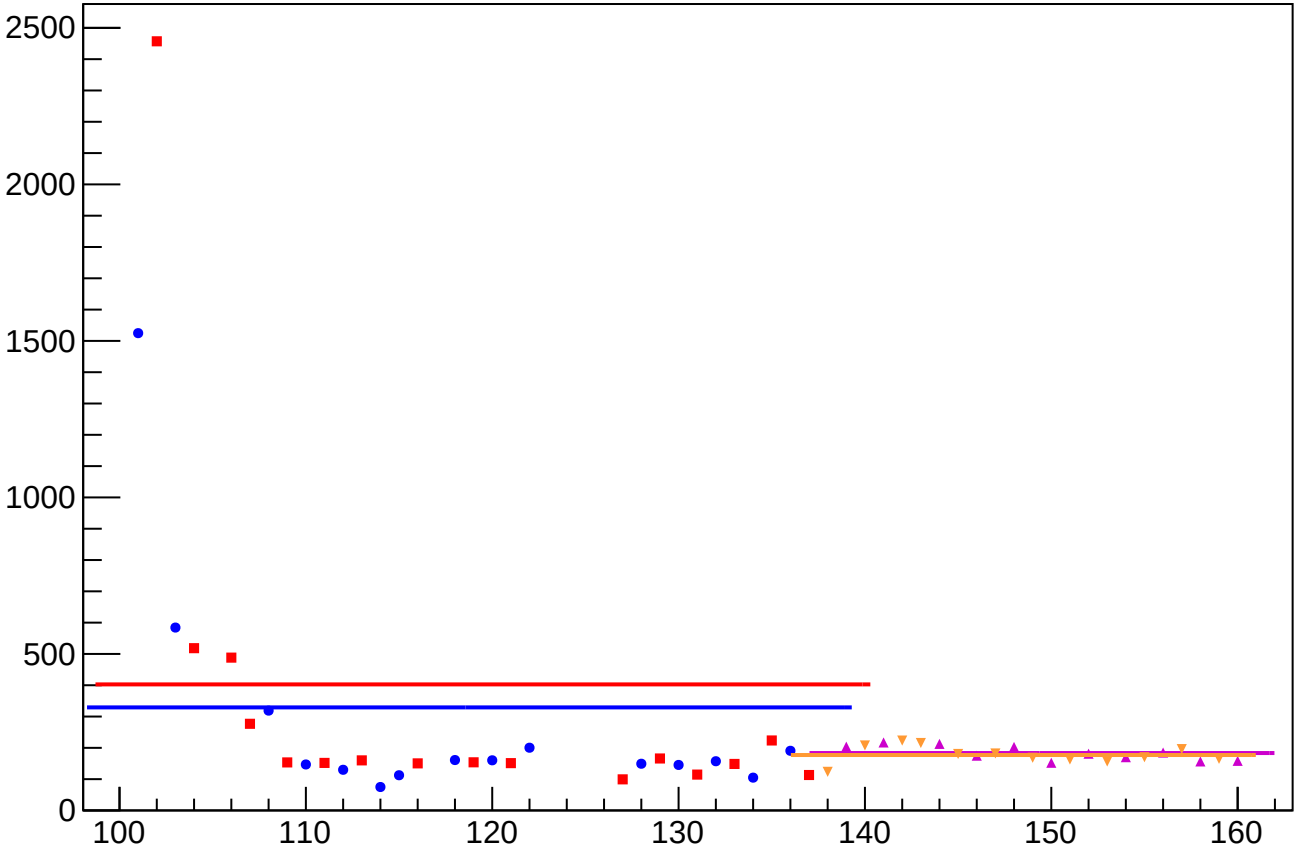
All: 3991.515+/-0.000 χ^2/NDF: 1040455023

Right Out: 2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

- sign 4031.627+/-0.000 χ^2/NDF: 5448162434536 3

Left In: 5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF: 1032850290919227420338379034371324641 28.0/14

Left Out: 177.101+/-0.000 χ^2/NDF:604256347376555065664943941601984512.0/11

Right Out: 402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

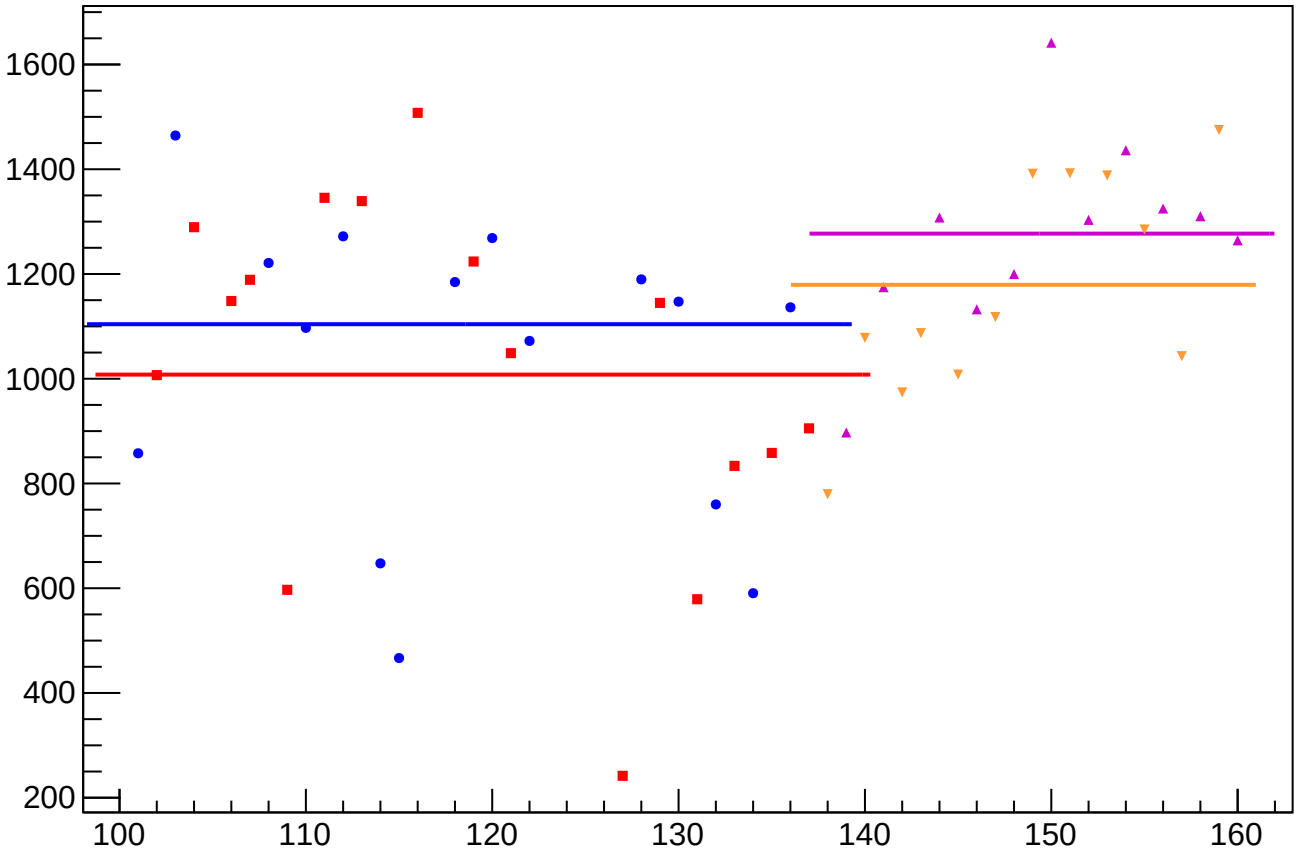
Left In: 183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

+ sign 240.268+/-0.000 χ^2/NDF: 112672514913123

All: 257.960+/-0.000 χ^2/NDF: 41035727361

- sign 275.340+/-0.000 χ^2/NDF: 296714971855196

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

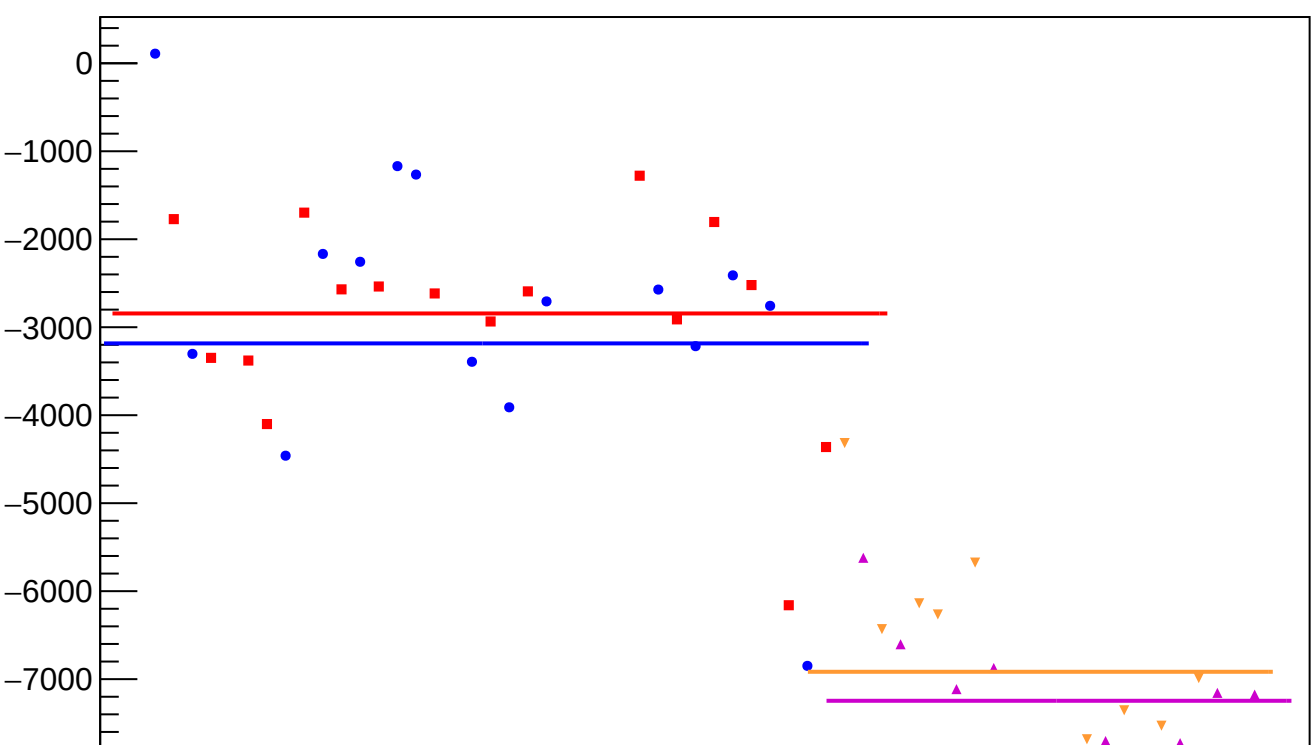
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

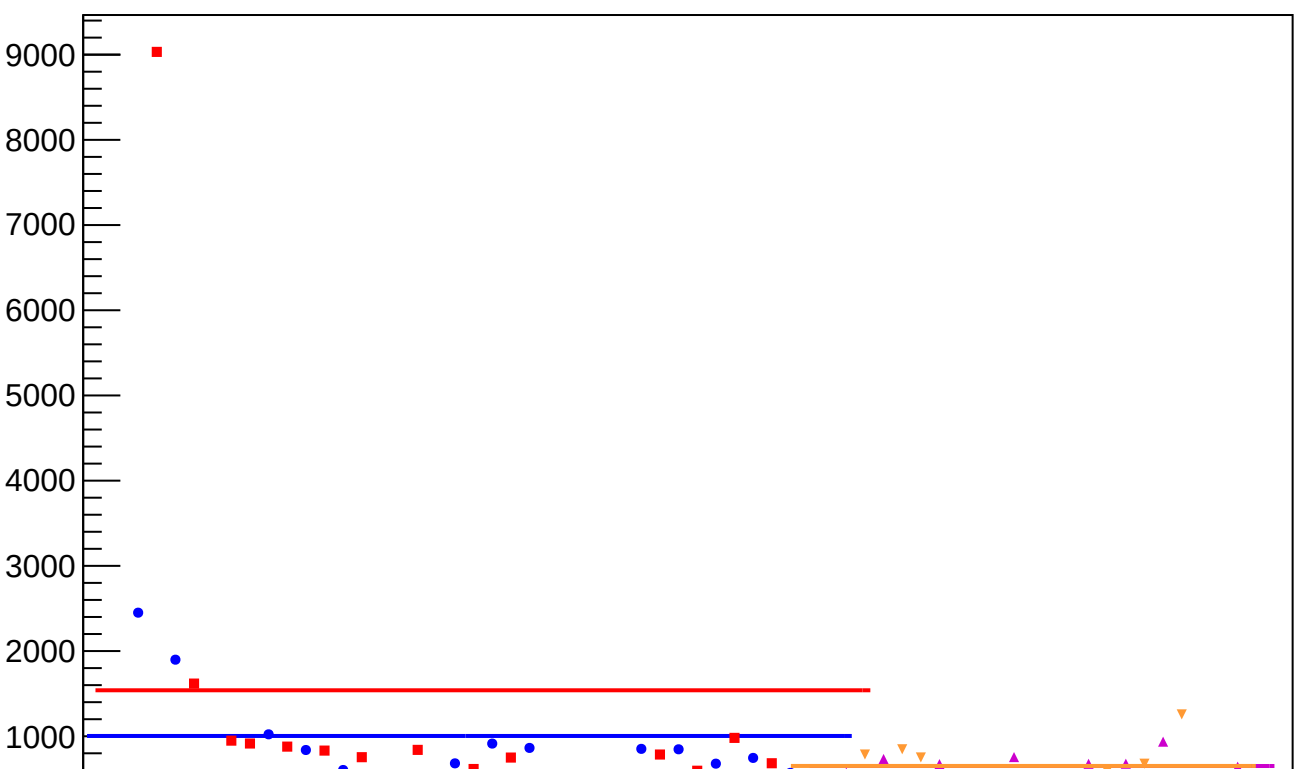
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atr2_coil3_mean vs Slug



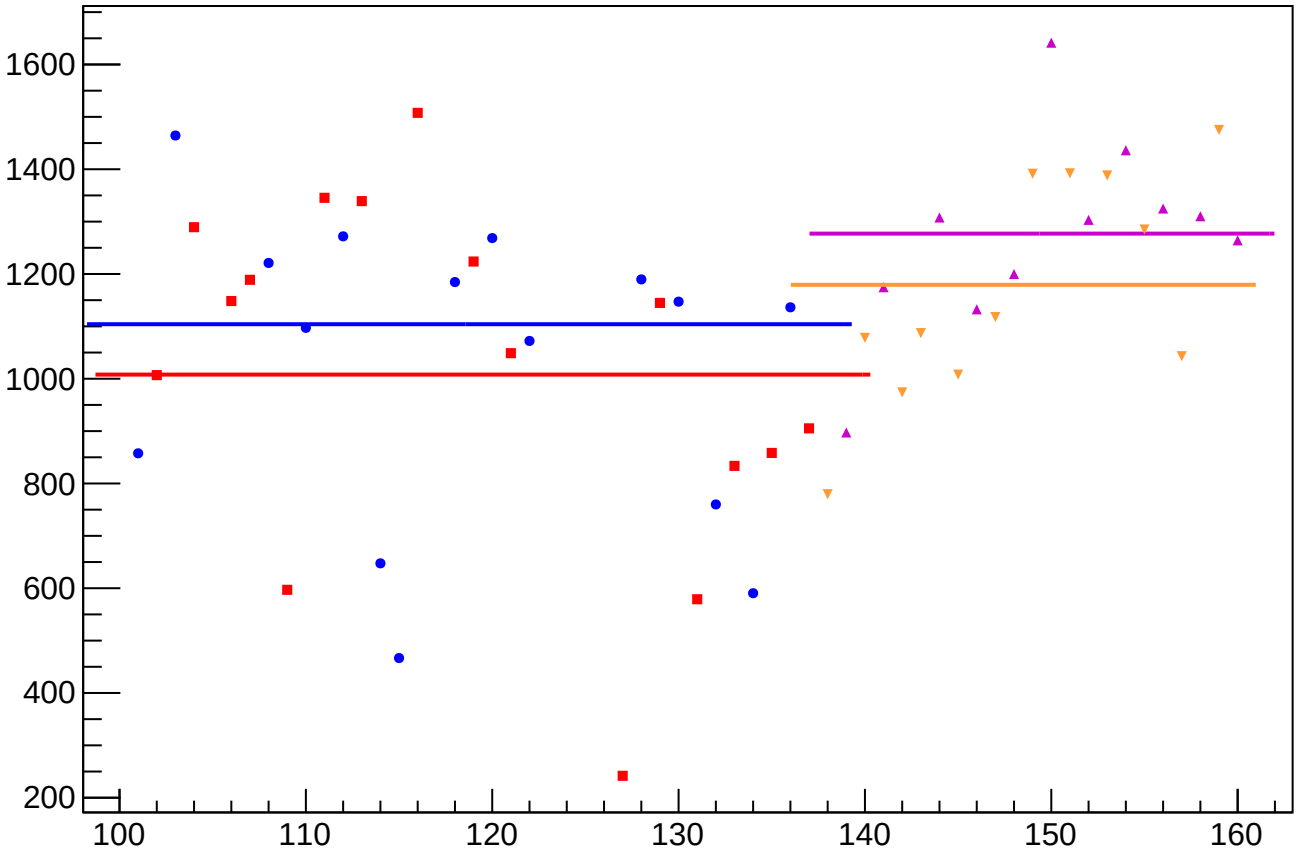
Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14
+ sign -5366.500+/-0.000 χ^2/NDF: 8538549854874
Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11
All: -5383.560+/-0.000 χ^2/NDF: 1739572201
Right Out: -2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15
- sign -5400.320+/-0.000 χ^2/NDF: 8856270344208
Left In: -7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14
+ sign 797.669+/-0.000 χ^2/NDF: 312371598473089
Left Out: 651.582+/-0.000 χ^2/NDF:455794167001883893408997837934973419 52.0/11
All: 911.528+/-0.000 χ^2/NDF: 428810018271
Right Out: 1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15
- sign 1023.383+/-0.000 χ^2/NDF: 39355602156889
Left In: 650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

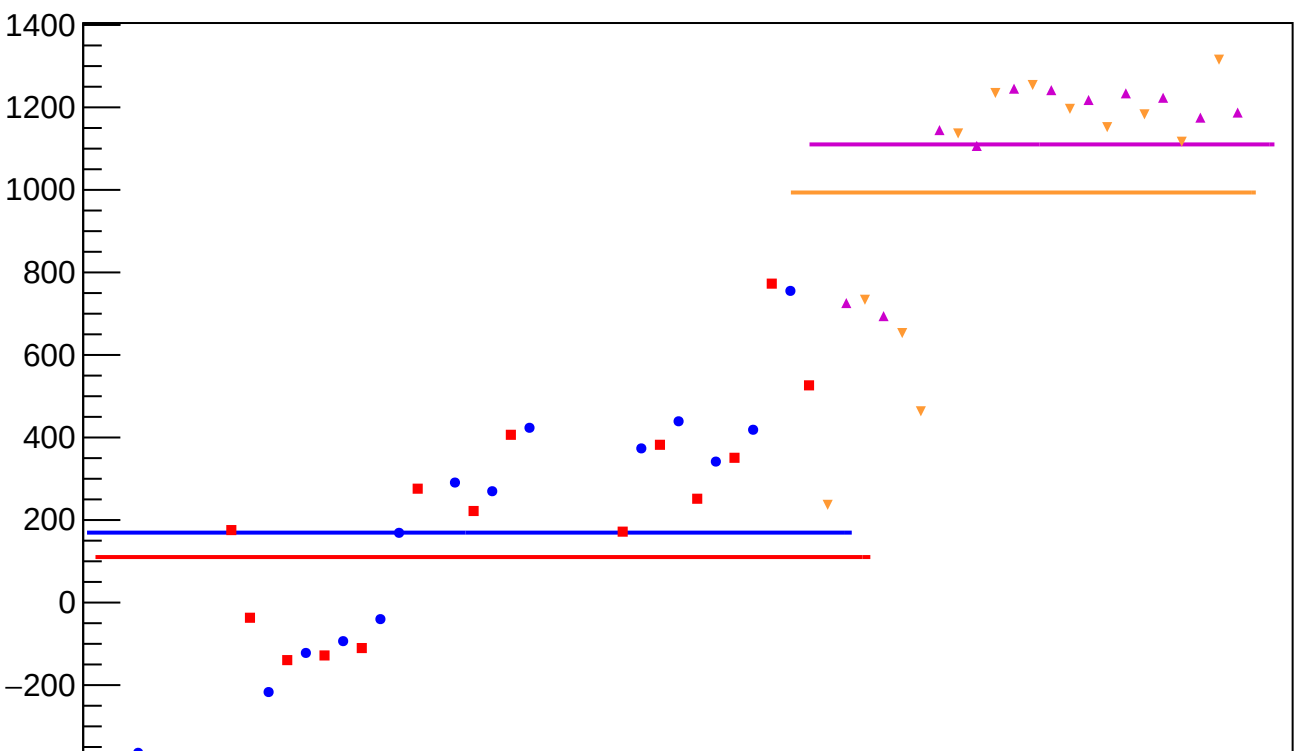
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Left Out: 993.680+/-0.000 χ^2/NDF:1038717440932718621362705275420378398 72.0/11

Right Out: 110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

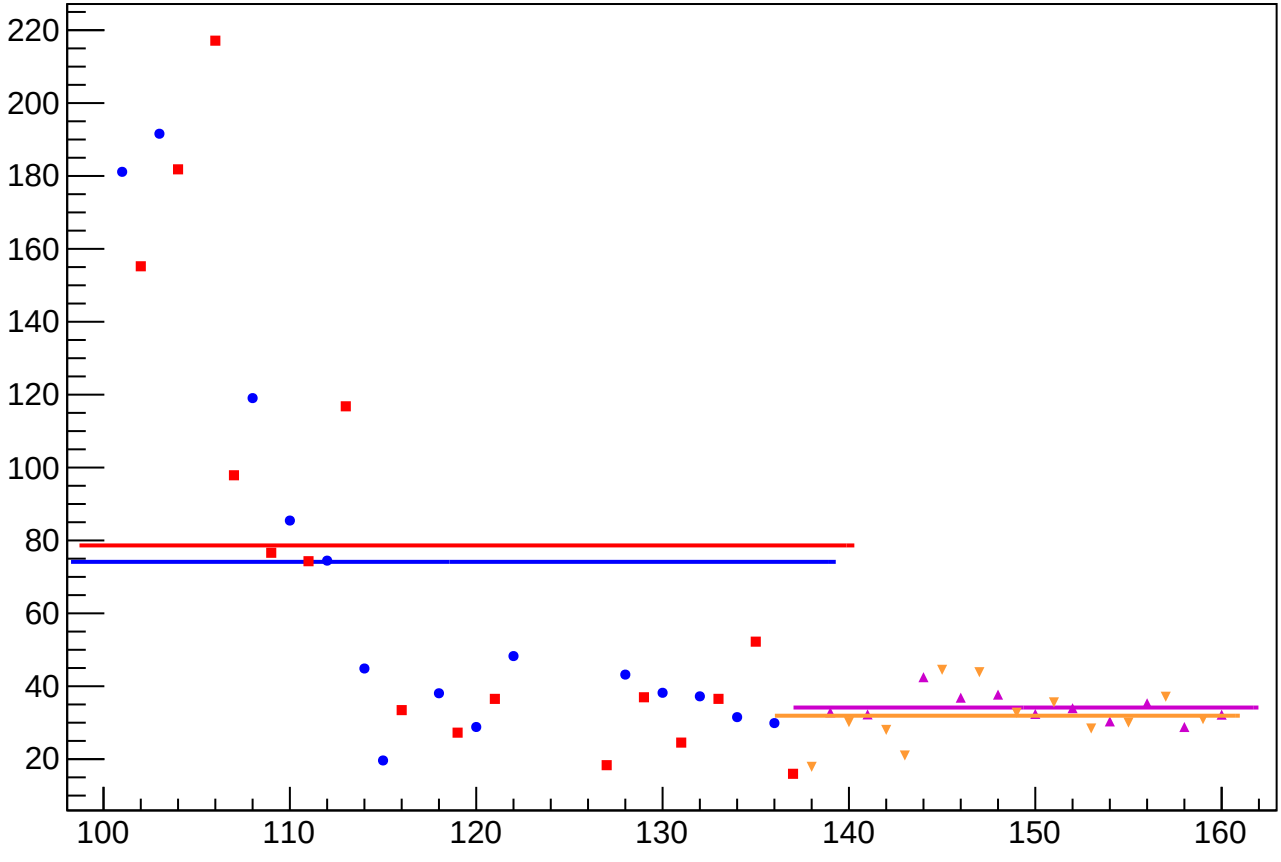
Left In: 1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

+ sign 651.454+/-0.000 χ^2/NDF: 457110601754155

All: 671.406+/-0.000 χ^2/NDF: 95149930692 5

- sign 691.006+/-0.000 χ^2/NDF: 493155274089920

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

Left Out: 31.916+/-0.000 χ^2/NDF:5239113497147644680116473780240384 0.0/11

Right Out: 78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

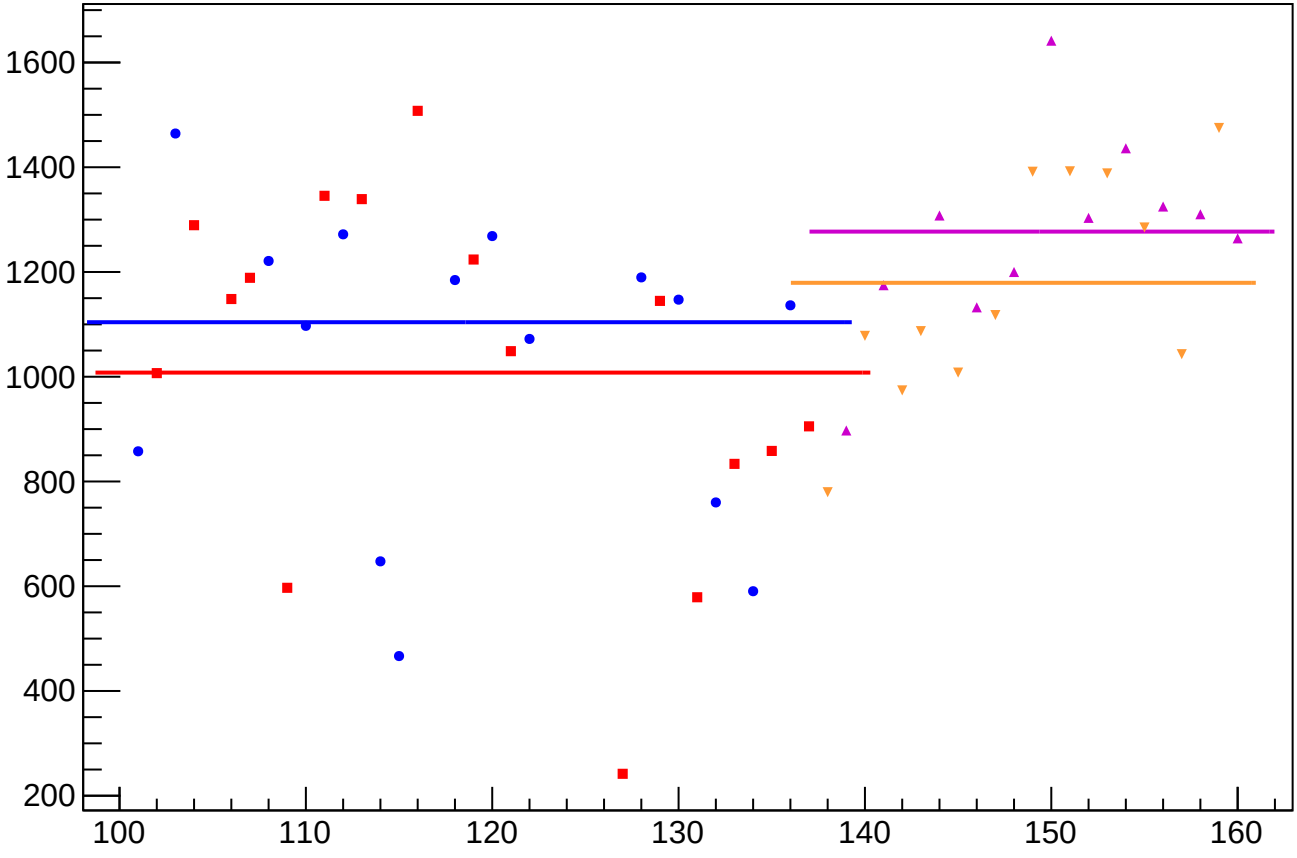
Left In: 34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

+ sign 49.444+/-0.000 χ^2/NDF: 2897043511629601

All: 51.139+/-0.000 χ^2/NDF: 602792654960 6

- sign 52.804+/-0.000 χ^2/NDF: 3121982731392082

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

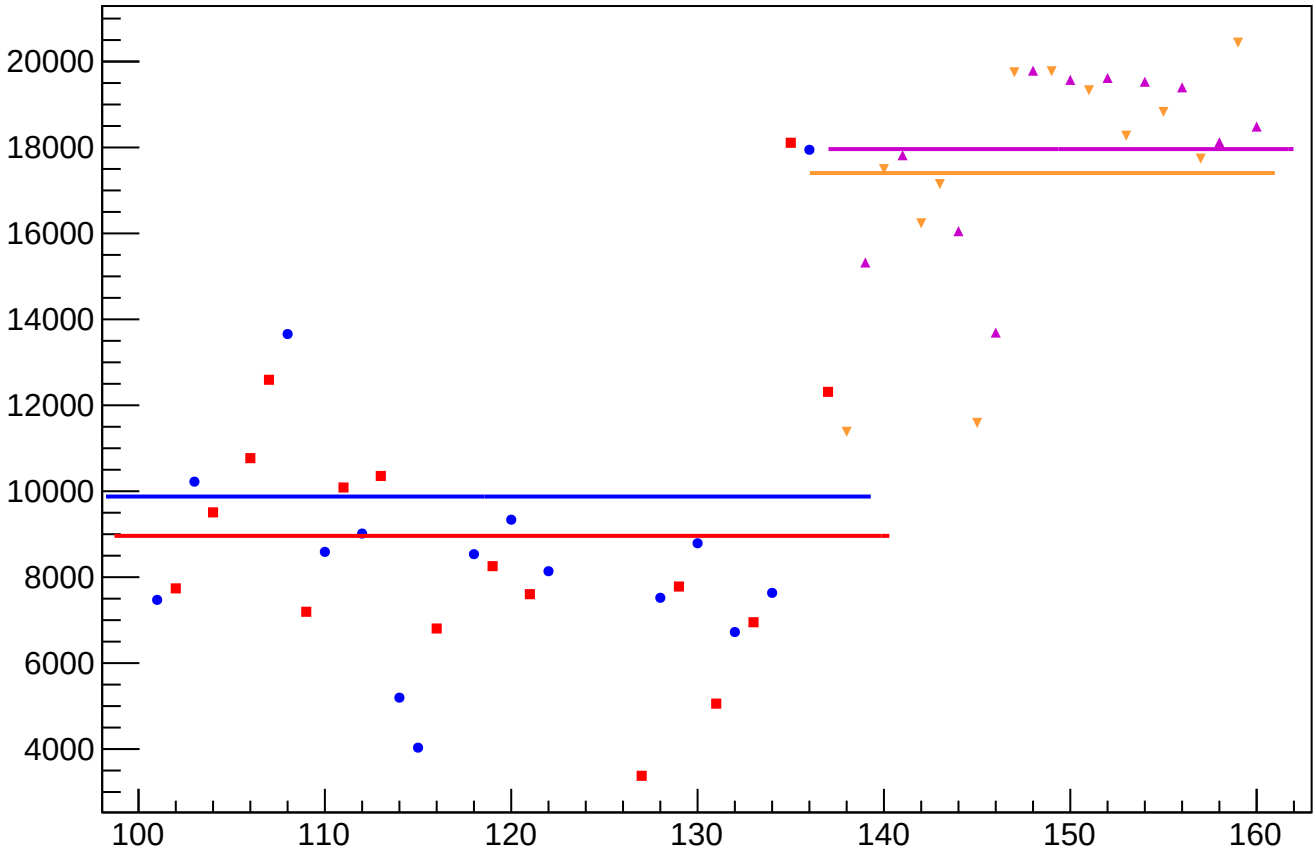
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

+ sign 14279.004+/-0.000 χ^2/NDF: 3768368481481

Left Out: 17405.049+/-0.000 χ^2/NDF:7689801671099378791544545422175664865280.0/11

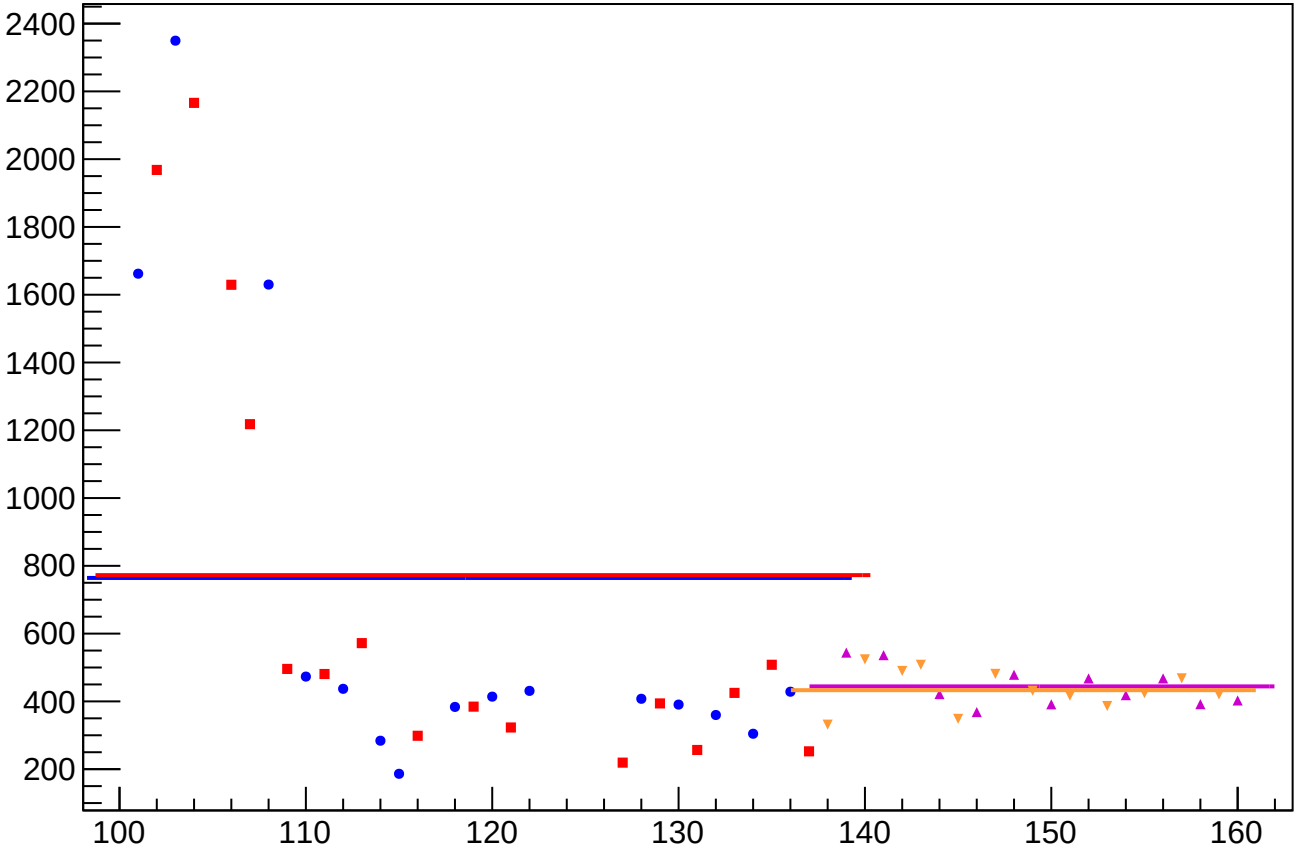
All: 14233.622+/-0.000 χ^2/NDF: 8022211512

Right Out: 8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

- sign 14189.038+/-0.000 χ^2/NDF: 4253204880235

Left In: 17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14

+ sign 570.604+/-0.000 χ^2/NDF: 335667061264854

Left Out: 433.079+/-0.000 χ^2/NDF:307037052443823915927319011947603558 4.0/11

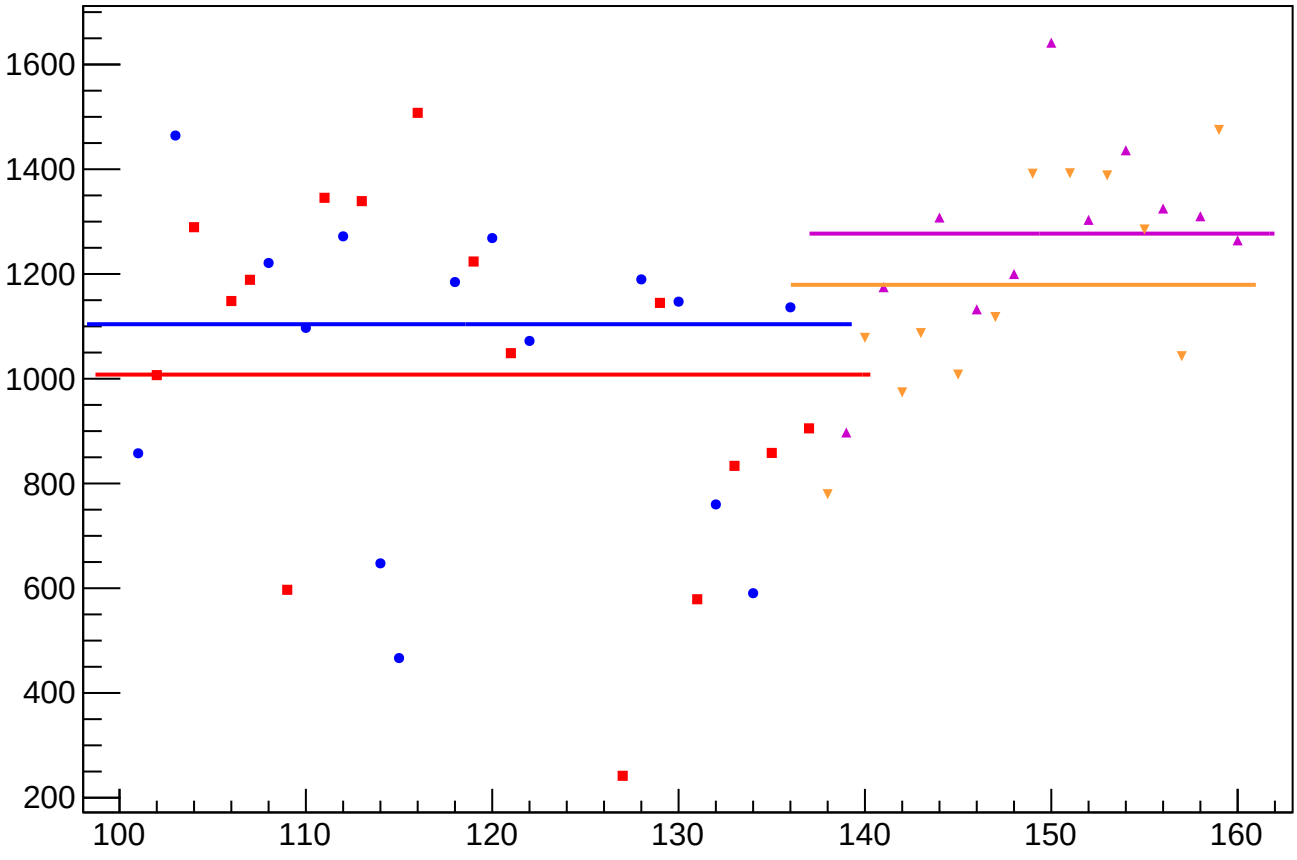
All: 576.292+/-0.000 χ^2/NDF: 666328037619

Right Out: 772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15

- sign 581.880+/-0.000 χ^2/NDF: 330560730510906

Left In: 444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124 1728.0/10

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

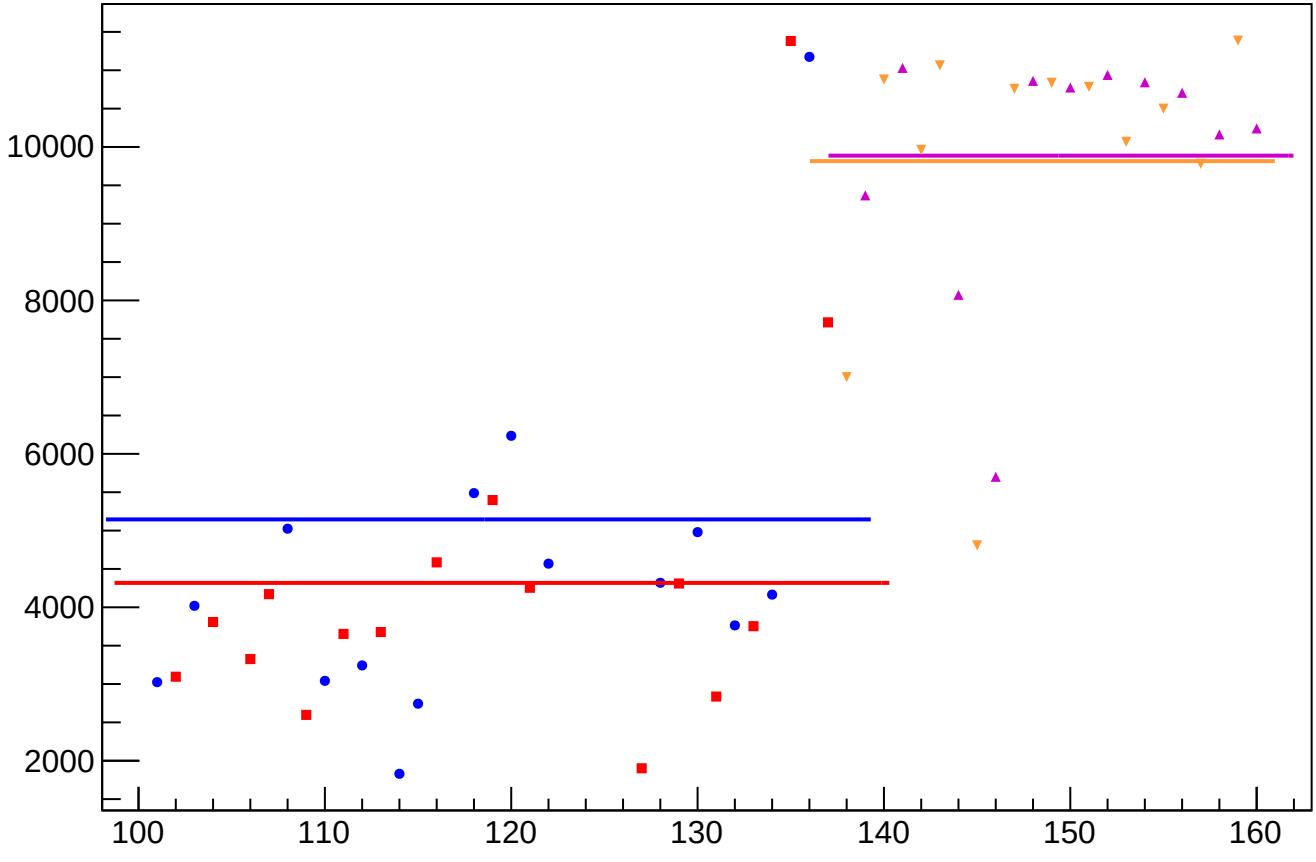
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

+ sign 7876.592+/-0.000 χ^2/NDF: 15792133720732

Left Out: 9815.736+/-0.000 χ^2/NDF:324212621250728671461831670420826226688 0.0/11

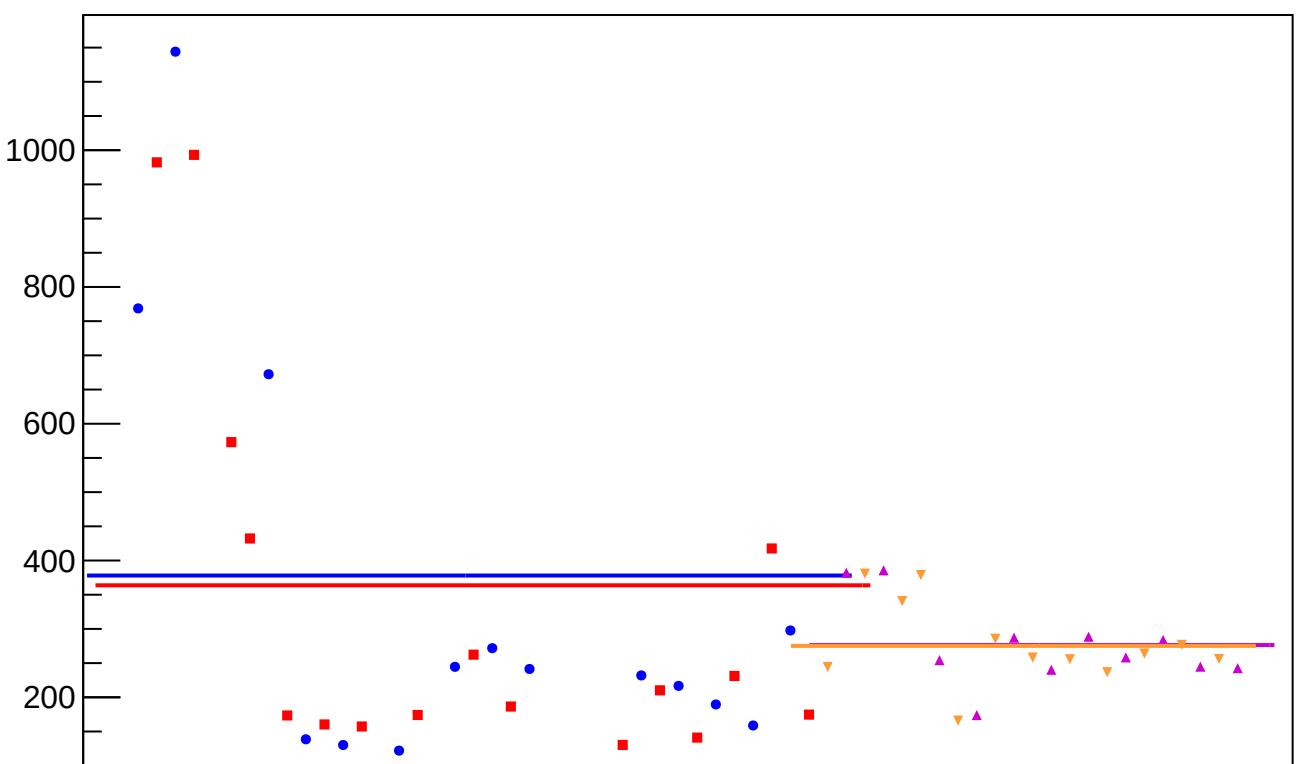
All: 7713.049+/-0.000 χ^2/NDF: 3351230123 5

Right Out: 4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661 6576.0/15

- sign 7552.383+/-0.000 χ^2/NDF: 17637293606384

Left In: 9887.069+/-0.000 χ^2/NDF:227851678022582408263242028880212734 7712.0/10

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Left Out: 275.181+/-0.000 χ^2/NDF:3063973924838483752648023856495198208.0/11

Right Out: 363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

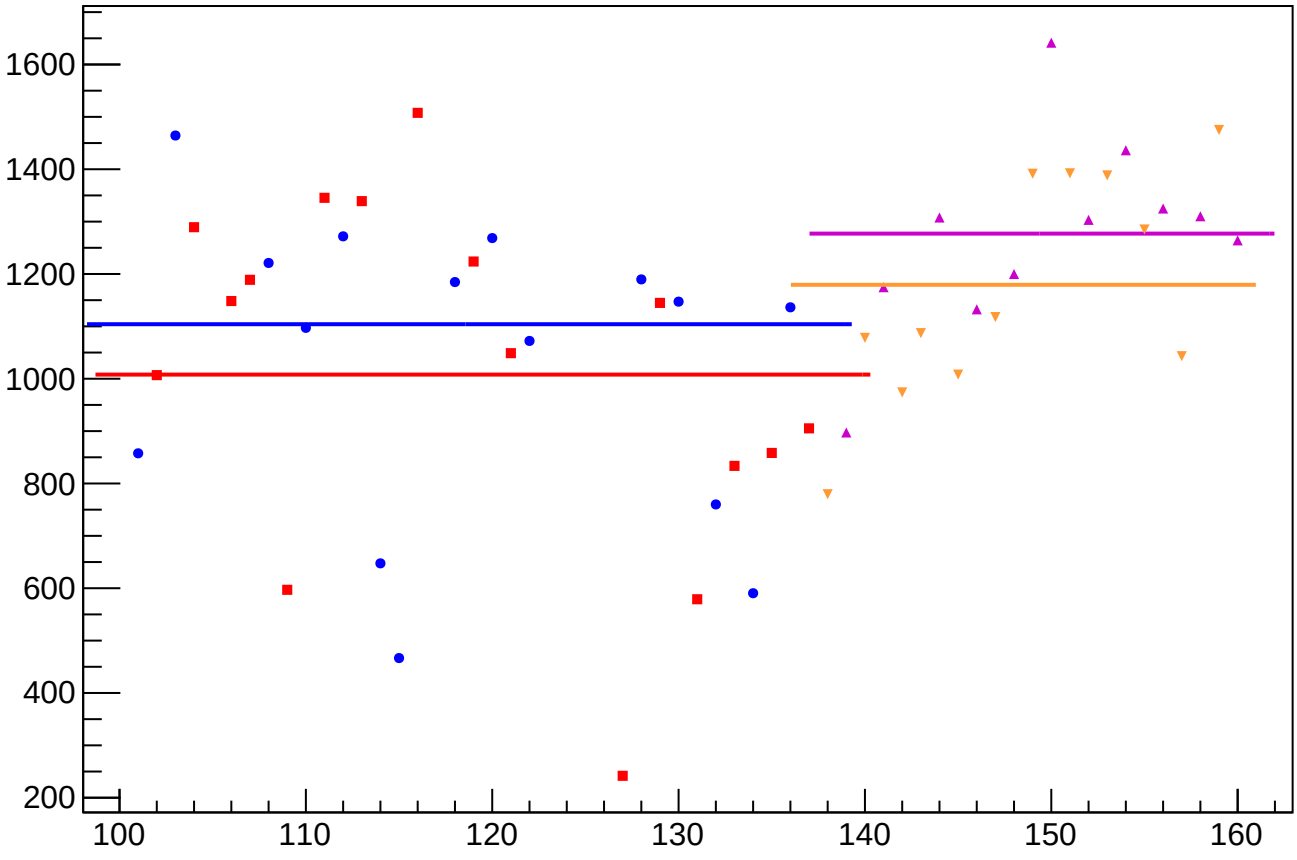
Left In: 276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

+ sign 317.896+/-0.000 χ^2/NDF: 685967694208858

All: 315.450+/-0.000 χ^2/NDF: 13377830011 5

- sign 313.047+/-0.000 χ^2/NDF: 651629892548713

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

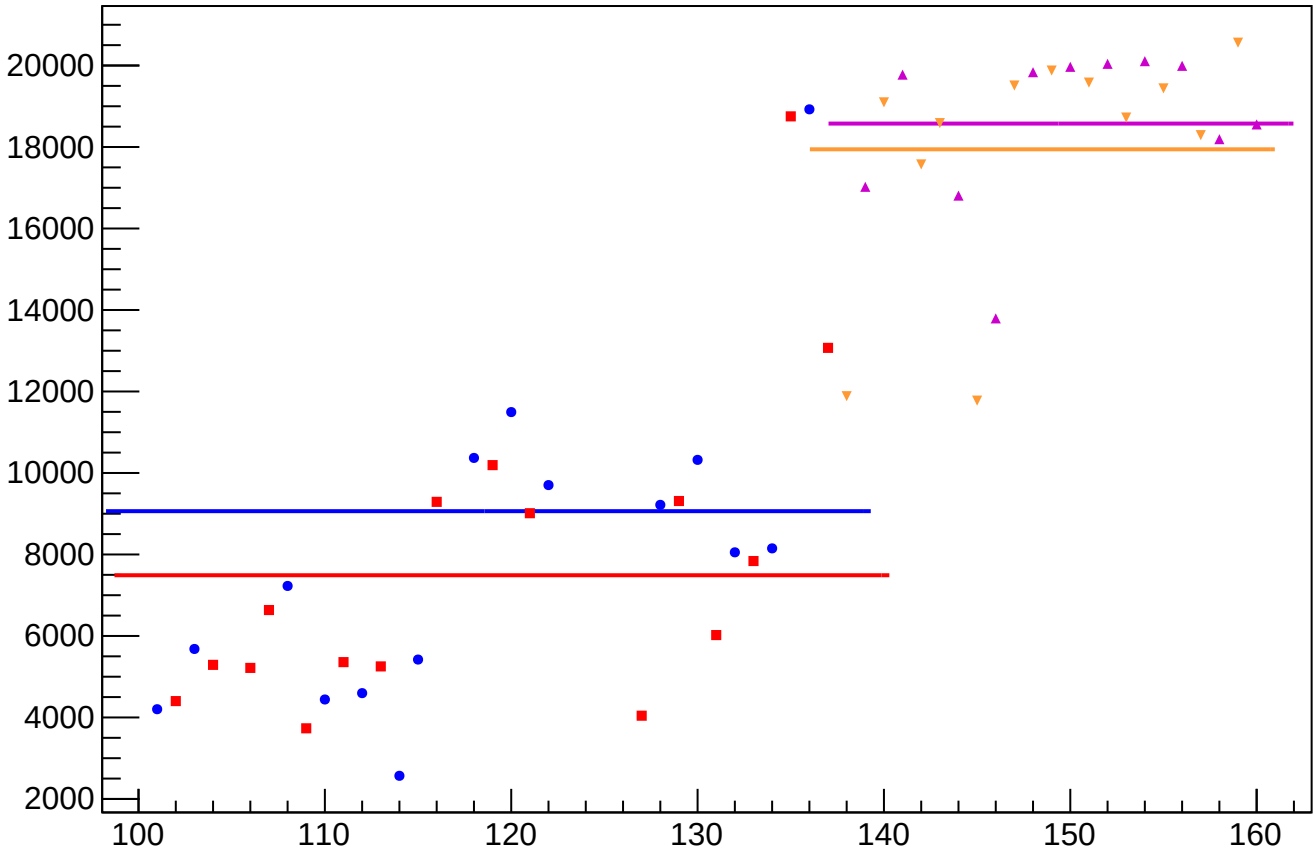
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

+ sign 14255.973+/-0.000 χ^2/NDF: 5102685220080

Left Out: 17943.531+/-0.000 χ^2/NDF:747361773327481660328046992127437884620 8.0/11

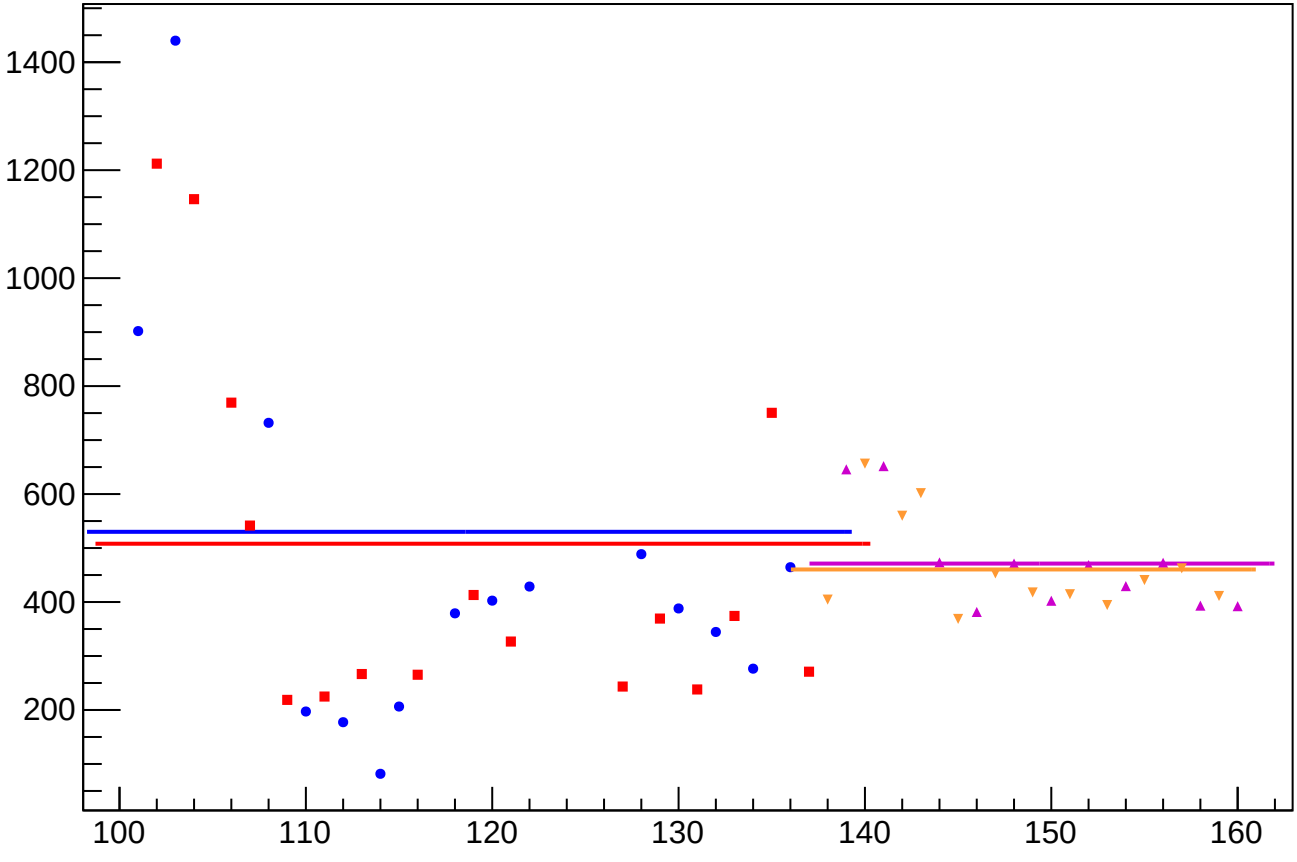
All: 14090.424+/-0.000 χ^2/NDF: 1121885161

Right Out: 7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

- sign 13927.789+/-0.000 χ^2/NDF: 6107674529188

Left In: 18574.874+/-0.000 χ^2/NDF:337175293631953841464838483614276308172 8.0/10

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Left Out: 460.312+/-0.000 χ^2/NDF:675460642837128305351752970163086950 4.0/11

Right Out: 507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

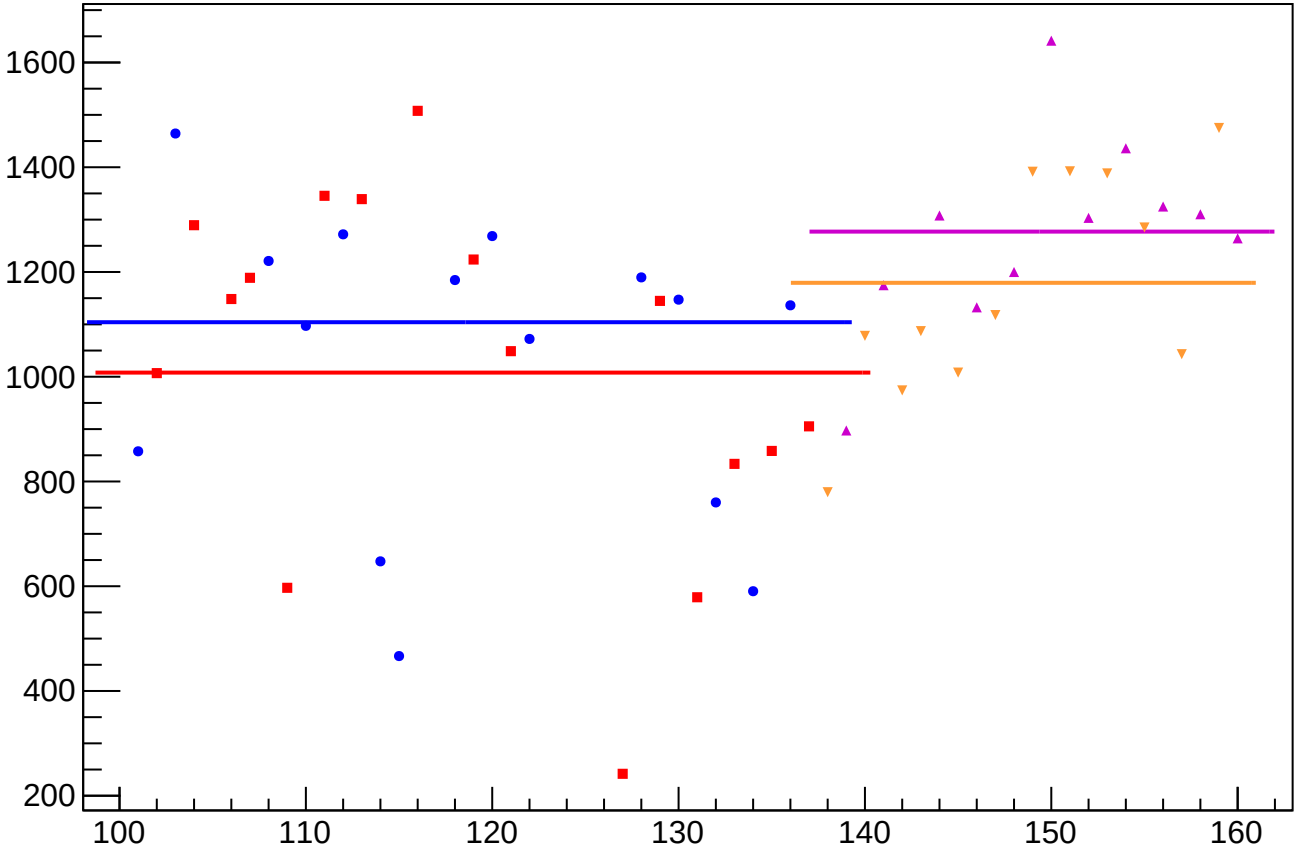
Left In: 471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

+ sign 489.272+/-0.000 χ^2/NDF: 873553872862030

All: 487.941+/-0.000 χ^2/NDF: 17202025163 6

- sign 486.633+/-0.000 χ^2/NDF: 846593738129805

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

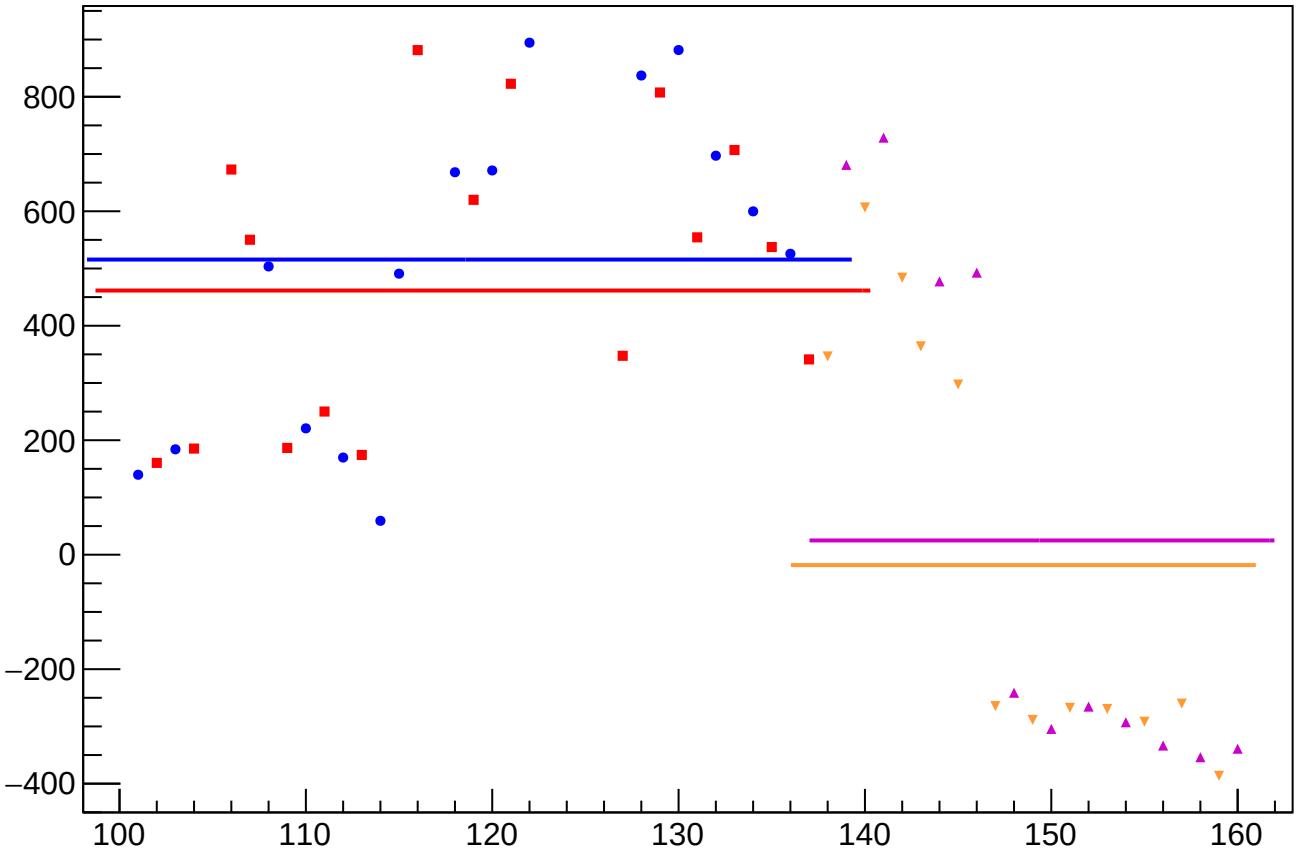
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

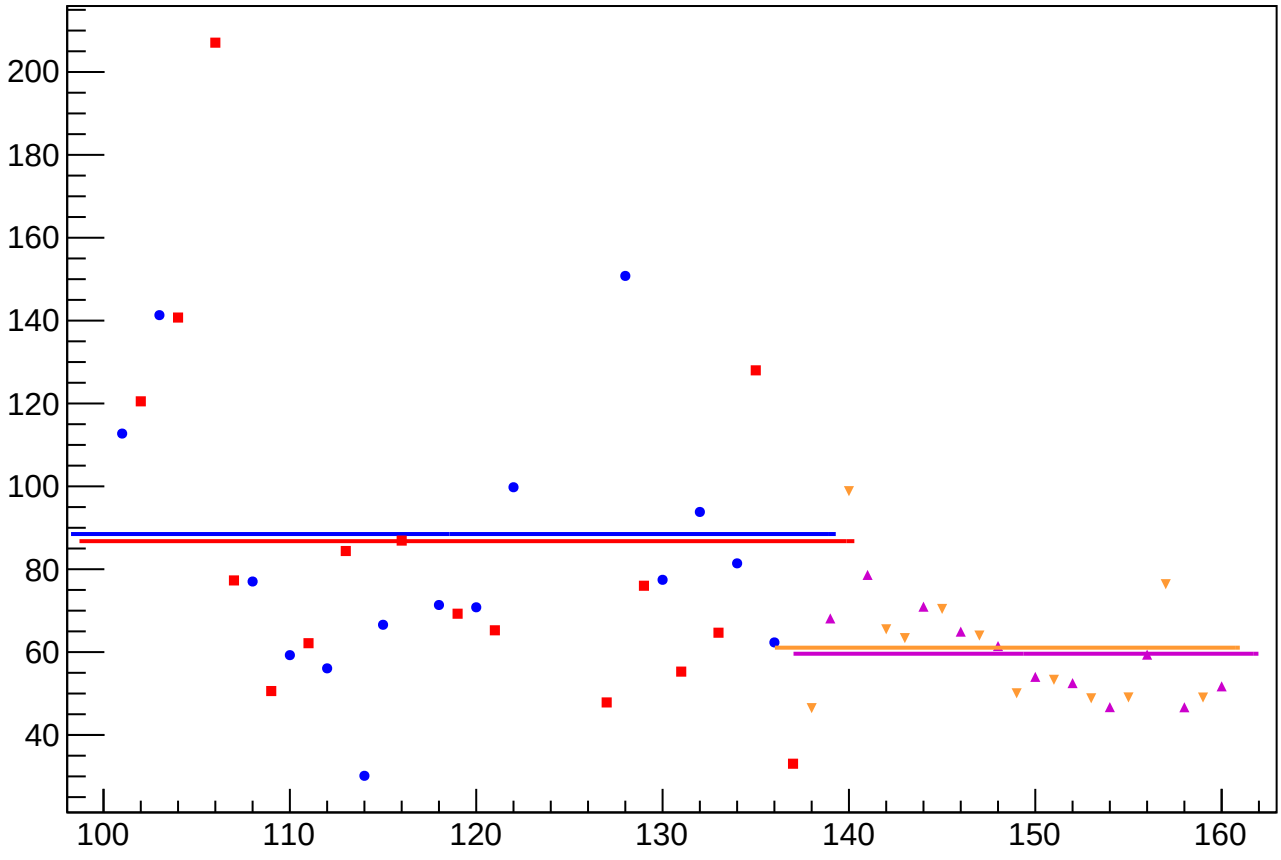
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
+ sign 203.495+/-0.000 χ^2/NDF: 27061307526086 4
Left Out: -18.146+/-0.000 χ^2/NDF:1140146273273638901461797970727634206 72.0/11
All: 205.734+/-0.000 χ^2/NDF: 5621128652 05
Right Out: 461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
- sign 207.935+/-0.000 χ^2/NDF: 2914842472029 32
Left In: 24.898+/-0.000 χ^2/NDF:1771700831460663404196866972503077027 84.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF: 6432311551930355126258179632089006 08.0/14

+ sign 72.455+/-0.000 χ^2/NDF: 1140205339739572

Left Out: 61.067+/-0.000 χ^2/NDF:2115070802130485076473310779612856 32.0/11

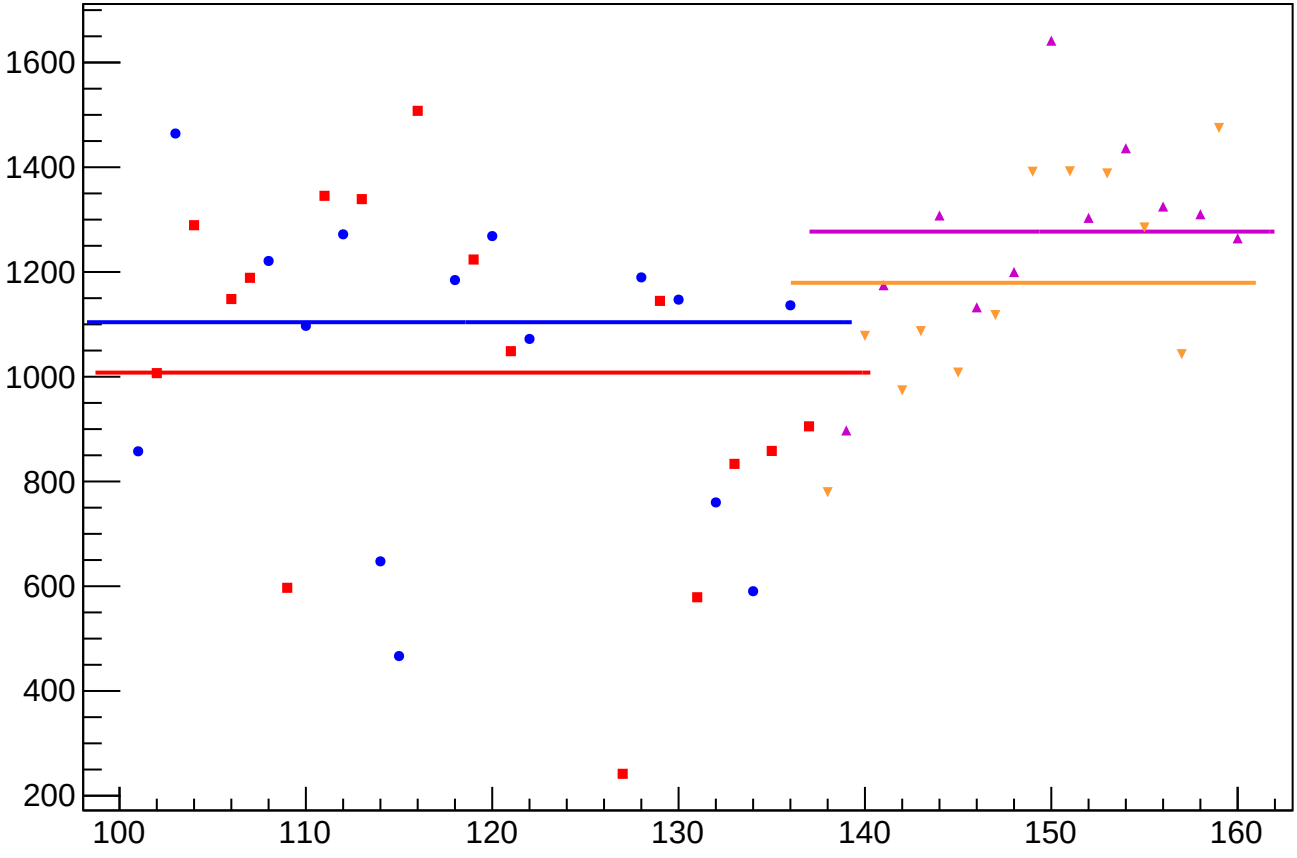
All: 71.718+/-0.000 χ^2/NDF: 2577899671839

Right Out: 86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

- sign 70.994+/-0.000 χ^2/NDF: 1436012461961461

Left In: 59.604+/-0.000 χ^2/NDF:9086262518198566437532346316803276 8.0/10

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

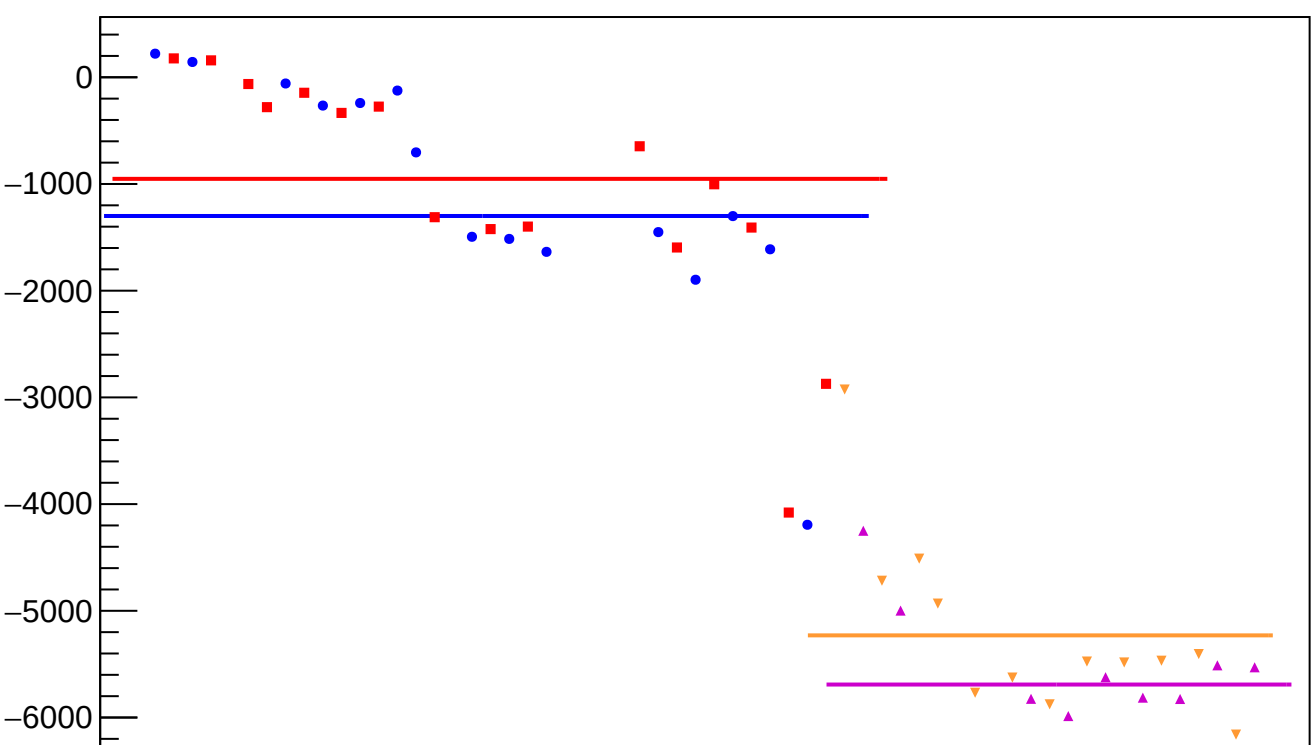
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

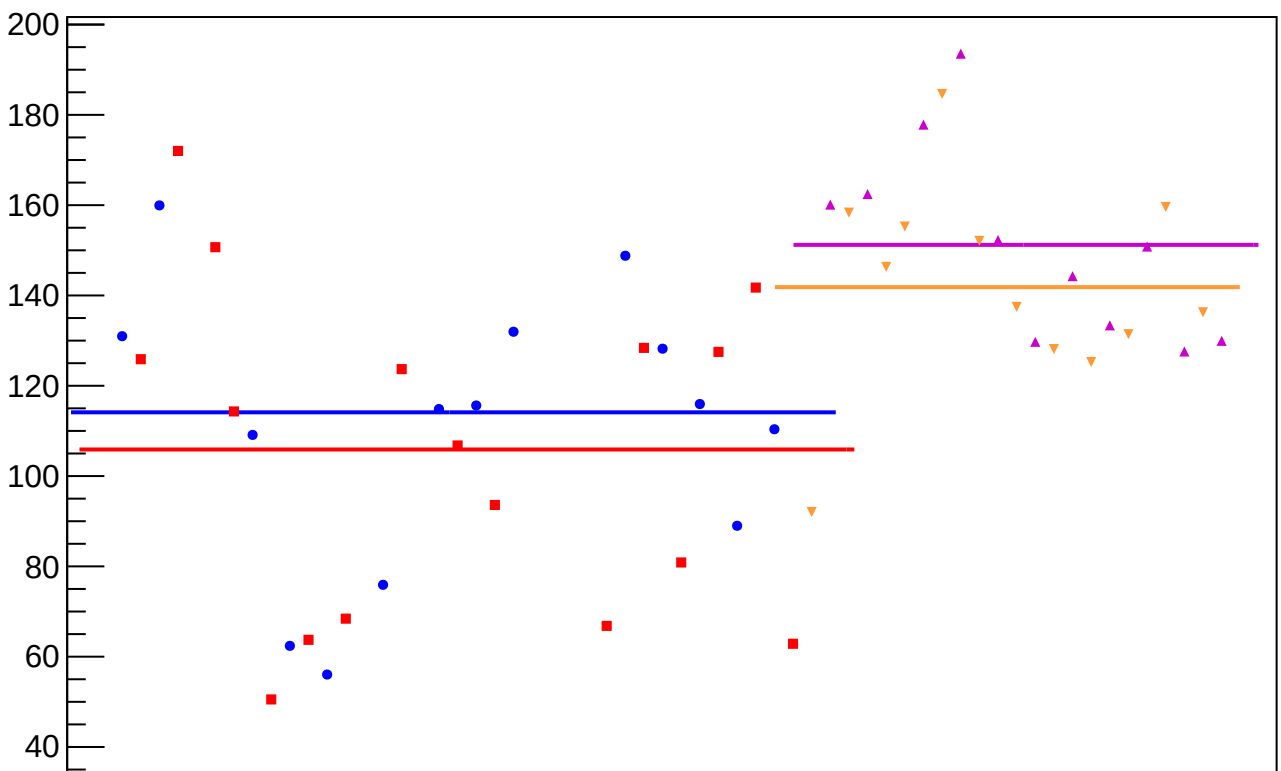
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14
+ sign -3598.213+/-0.000 χ^2/NDF: 7683373457426
Left Out: -5230.164+/-0.000 χ^2/NDF:6213375467540482757450116505270810050 56.0/11
All: -3651.666+/-0.000 χ^2/NDF: 1758908860
Right Out: -951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
- sign -3704.179+/-0.000 χ^2/NDF: 98968619860202
Left Out: -5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Left Out: 141.844+/-0.000 χ^2/NDF:455273254245846333149237795723673600.0/11

Right Out: 105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

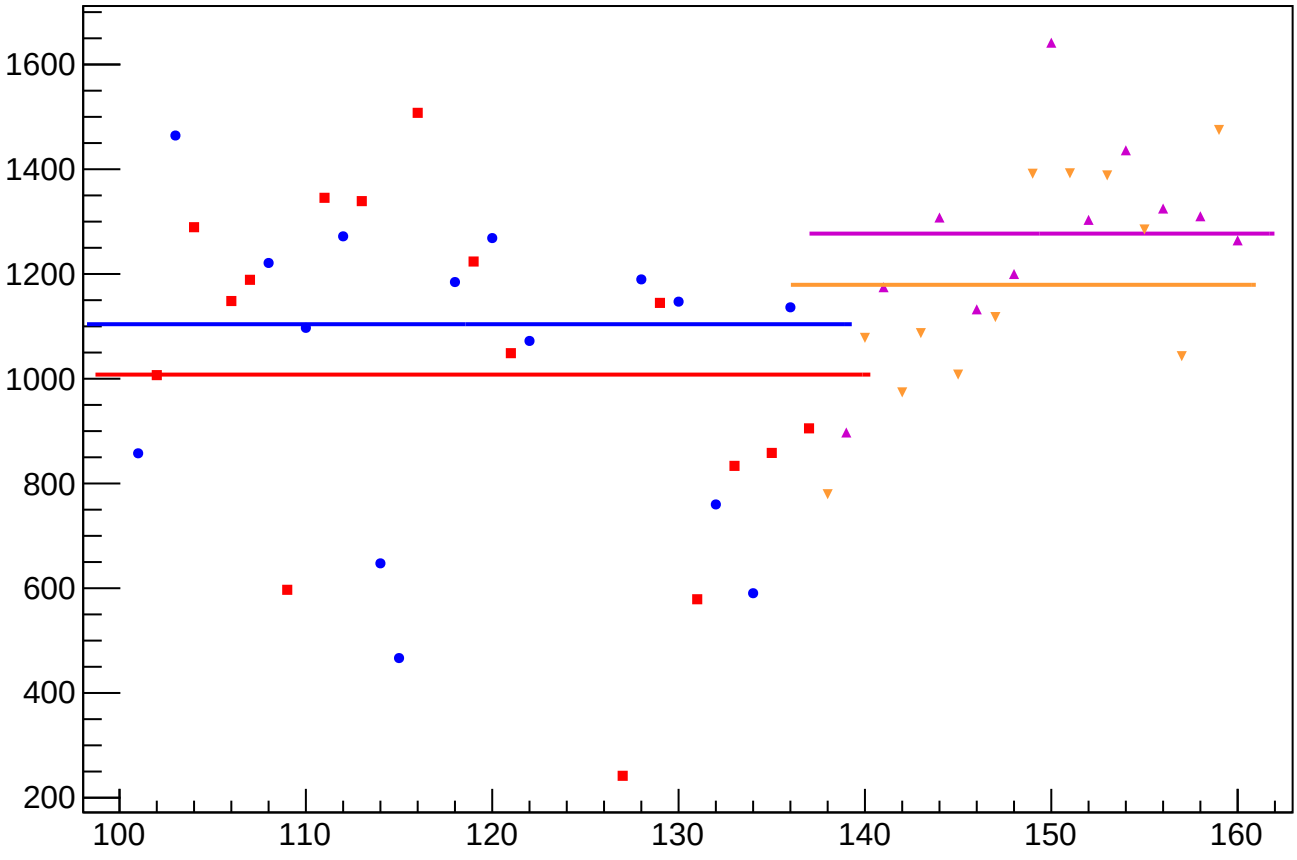
Left In: 151.203+/-0.000 χ^2/NDF:382227652604999337577431549784096768.0/10

+ sign 130.331+/-0.000 χ^2/NDF: 135424557525506

All: 131.277+/-0.000 χ^2/NDF: 33864992632

- sign 132.206+/-0.000 χ^2/NDF: 202948230636755

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

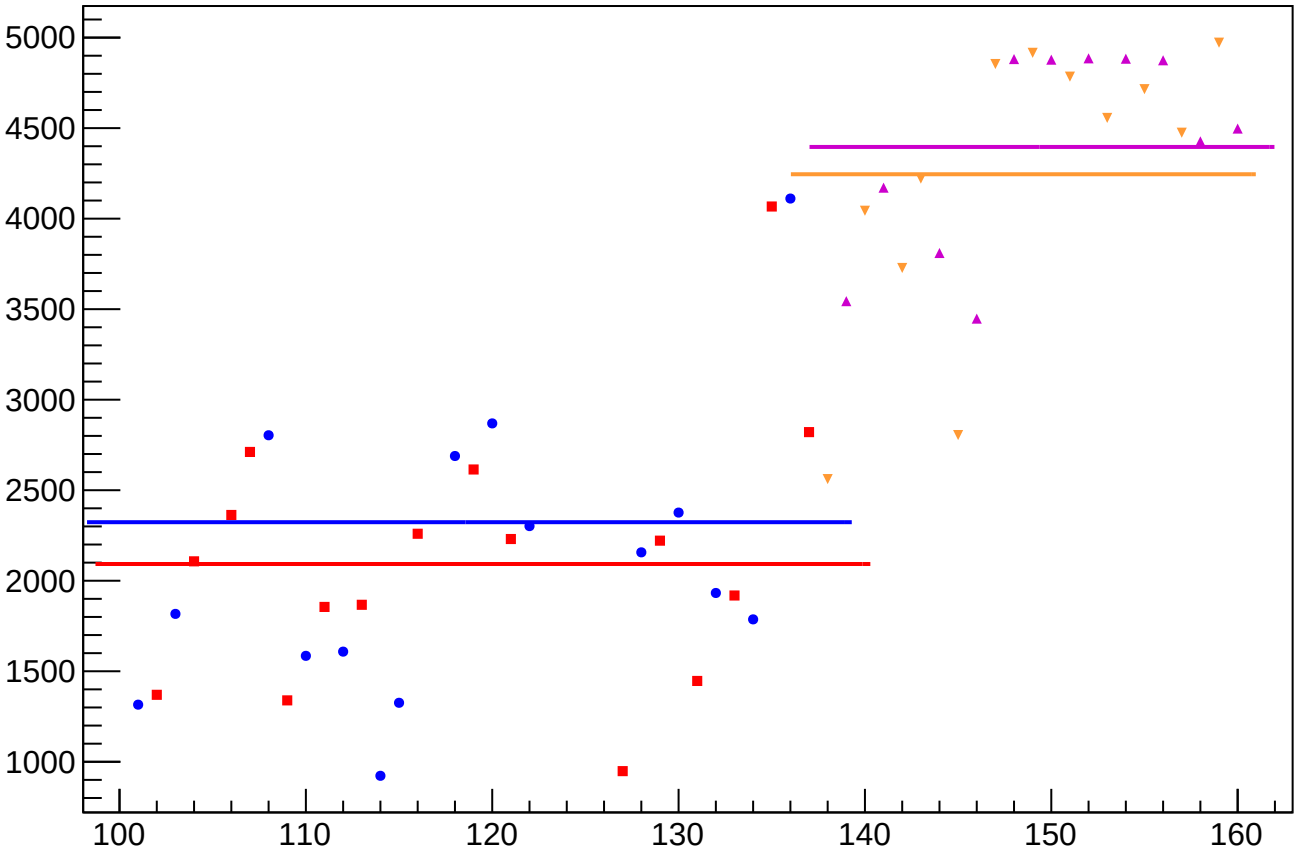
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Left Out: 4245.269+/-0.000 χ^2/NDF:560100037882540295630660663570463719424.0/11

Right Out: 2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

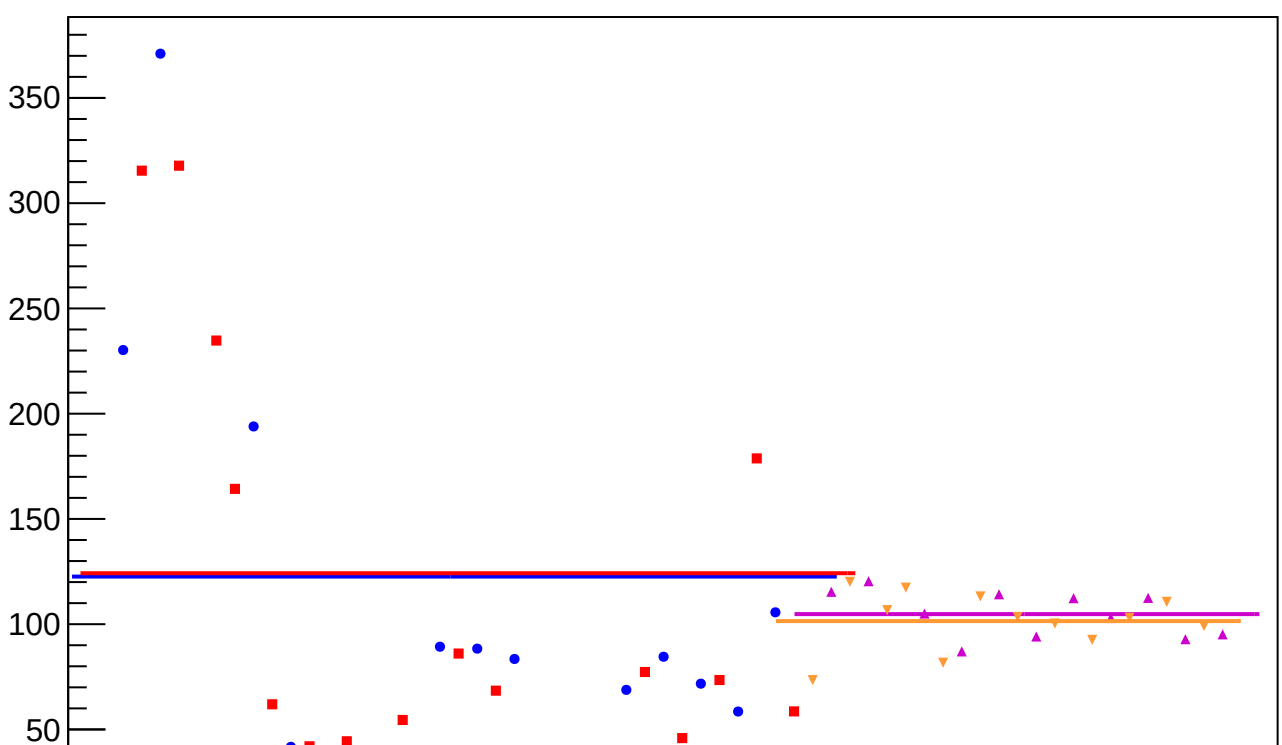
Left In: 4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

+ sign 3447.245+/-0.000 χ^2/NDF: 2438290741396

All: 3438.707+/-0.000 χ^2/NDF: 5131604048

- sign 3430.319+/-0.000 χ^2/NDF: 26930874223674

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Left Out: 101.470+/-0.000 χ^2/NDF:1636065866092155151746011396204134 40.0/11

Right Out: 124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

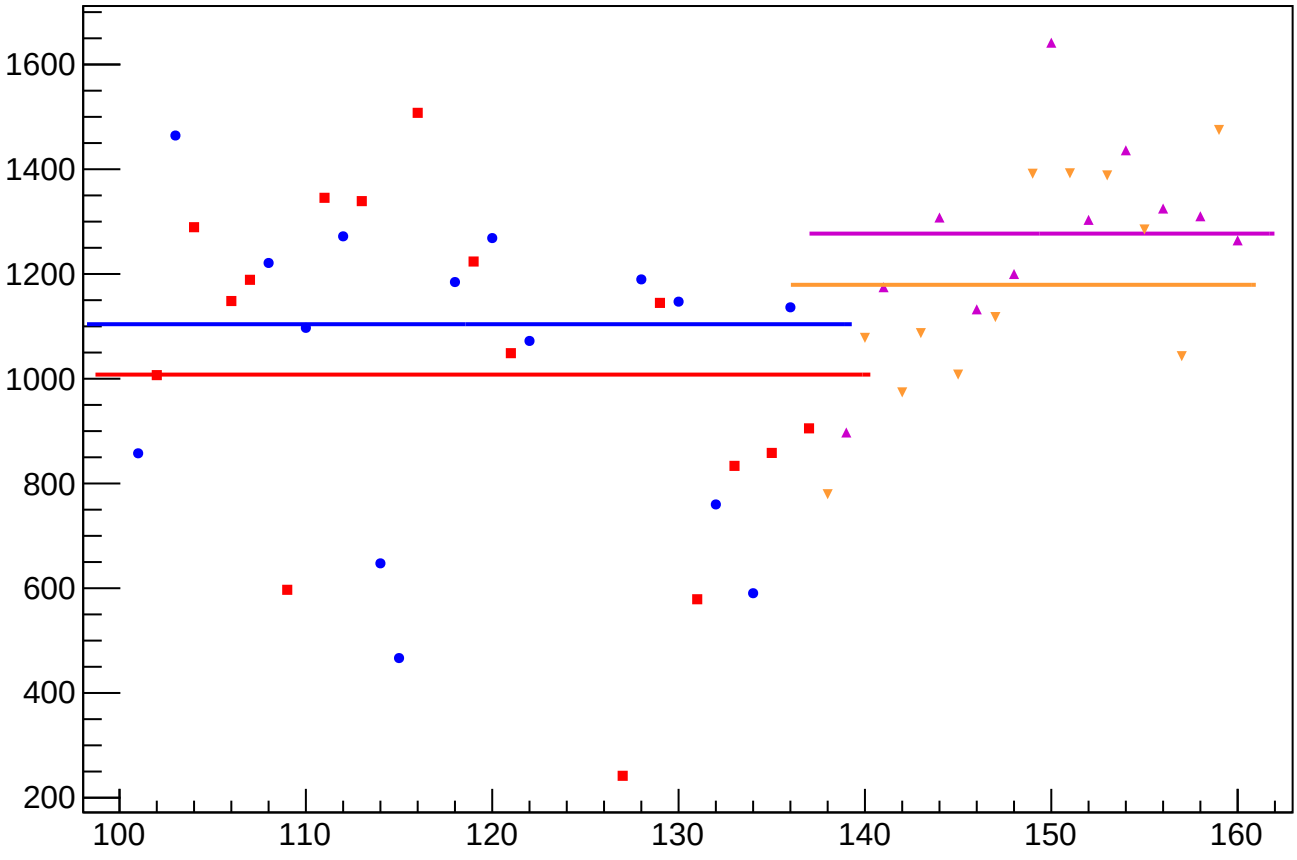
Left In: 104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

+ sign 110.253+/-0.000 χ^2/NDF: 627090967671002

All: 111.604+/-0.000 χ^2/NDF: 13074452472 3

- sign 112.932+/-0.000 χ^2/NDF: 679788337218710

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

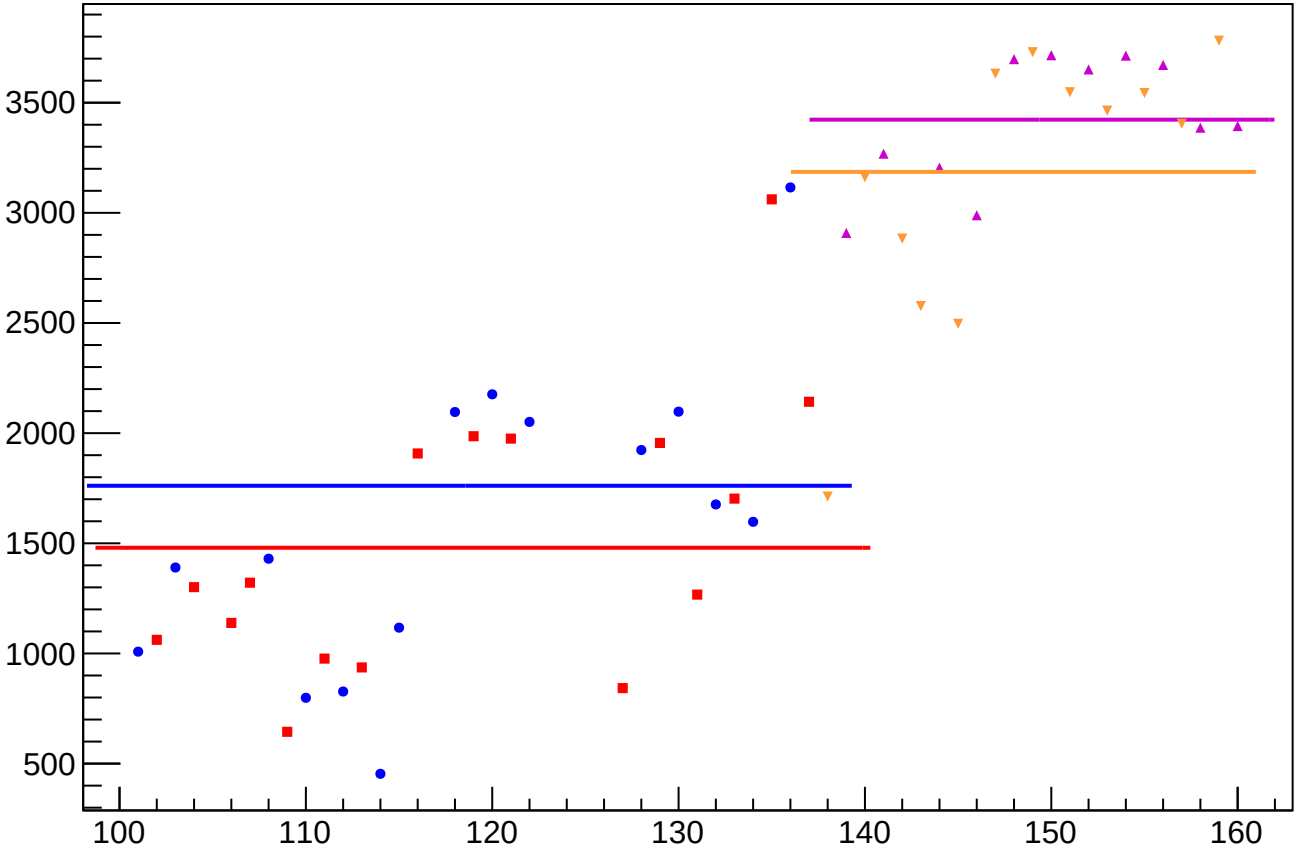
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Left Out: 3185.925+/-0.000 χ^2/NDF:334945906452981161805339150604505710592.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

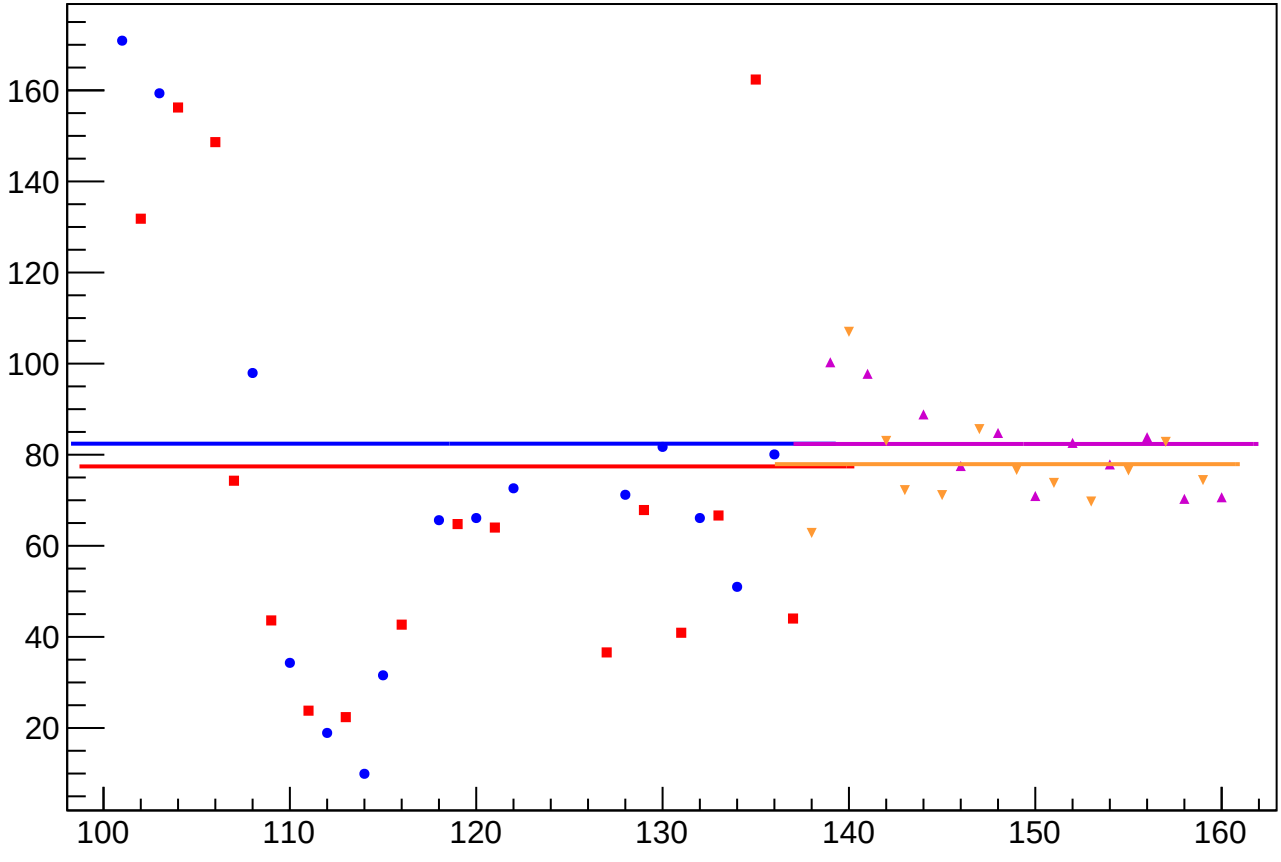
Left In: 3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

+ sign 2594.359+/-0.000 χ^2/NDF: 1437464688432

All: 2601.420+/-0.000 χ^2/NDF: 3238374299

- sign 2608.357+/-0.000 χ^2/NDF: 18007551336700

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

+ sign 79.794+/-0.000 χ^2/NDF: 1380118069986945

Left Out: 77.927+/-0.000 χ^2/NDF:1088165852895677701597195152109076 48.0/11

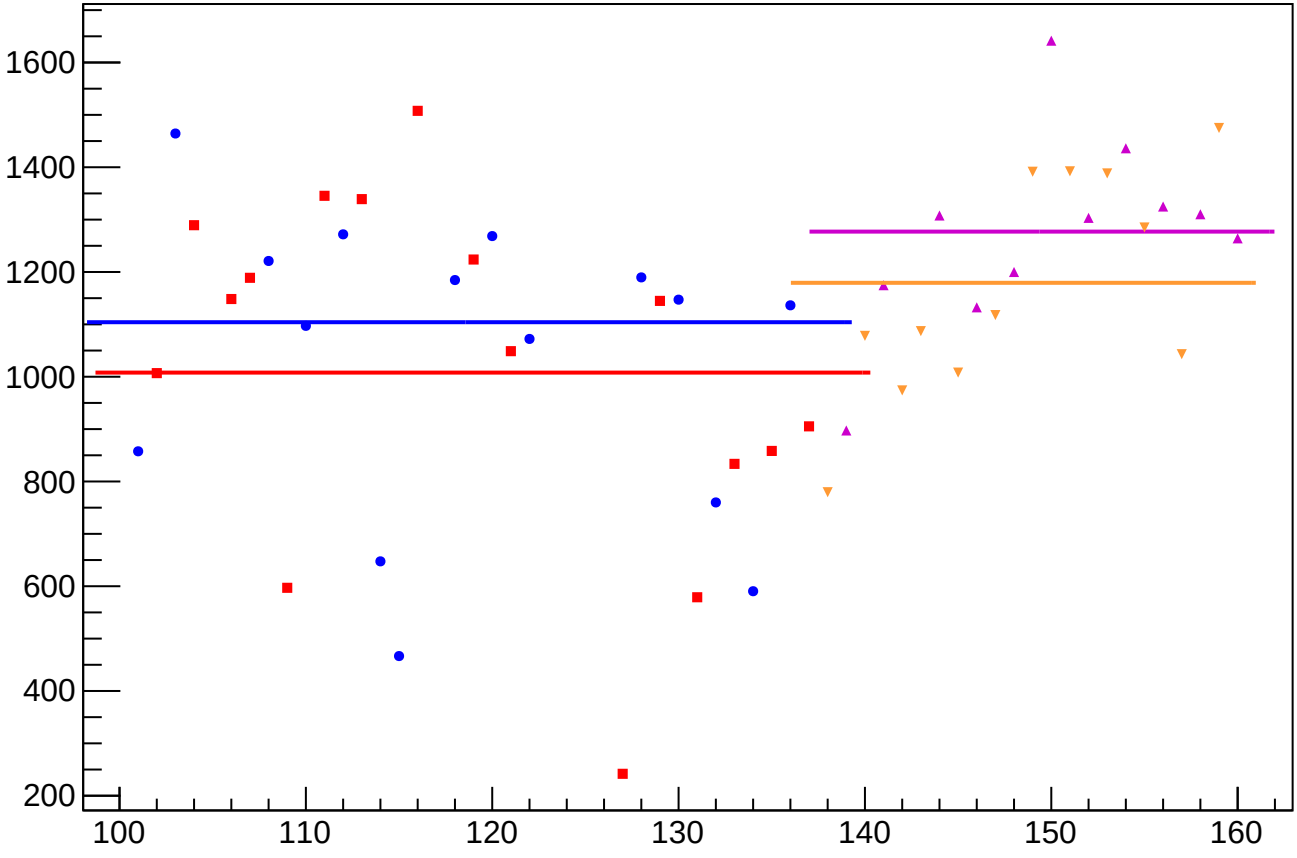
All: 80.046+/-0.000 χ^2/NDF: 299335194248 3

Right Out: 77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

- sign 80.294+/-0.000 χ^2/NDF: 1613036492452020

Left In: 82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

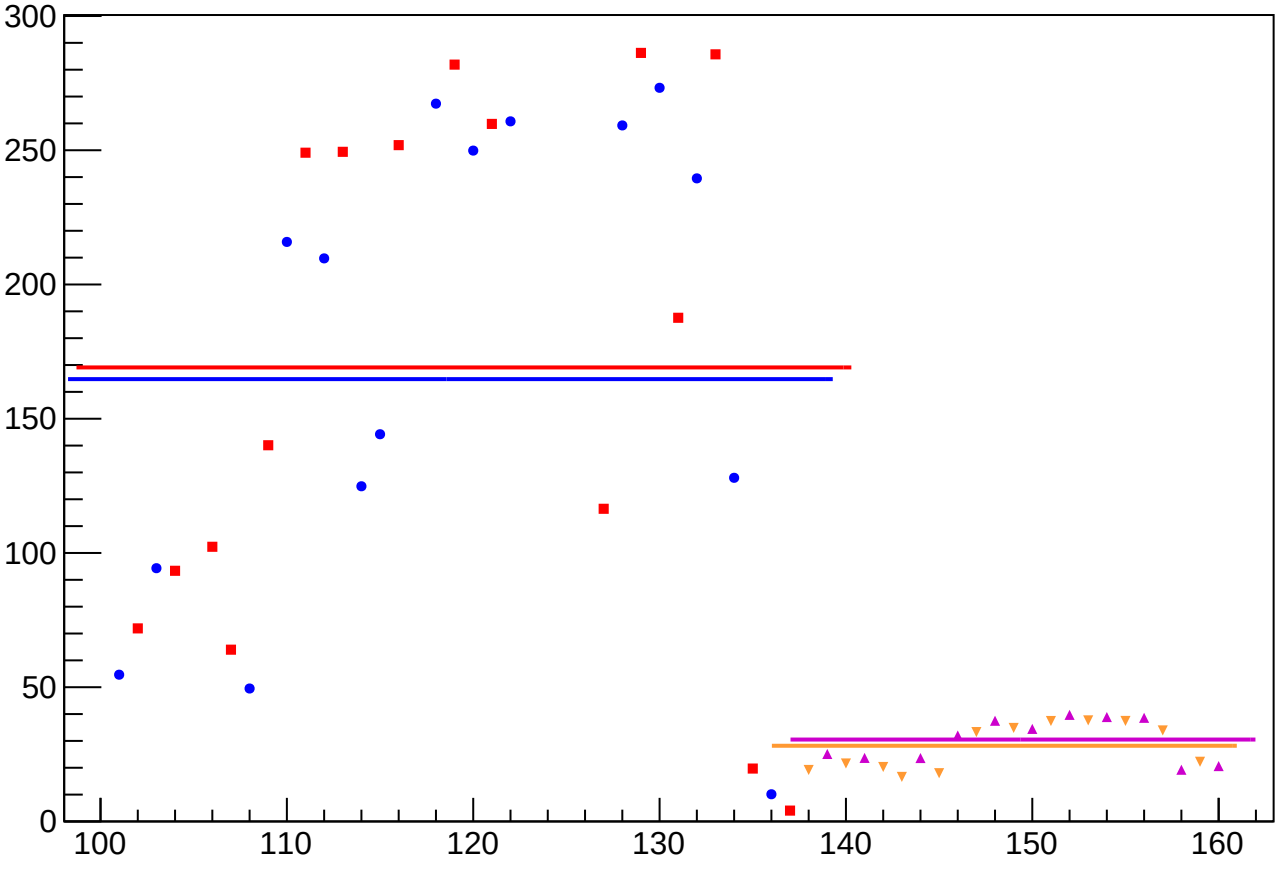
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

+ sign 84.895+/-0.000 χ^2/NDF: 1350932583122595

Left Out: 28.192+/-0.000 χ^2/NDF:6207392894986276808397505937853644 8.0/11

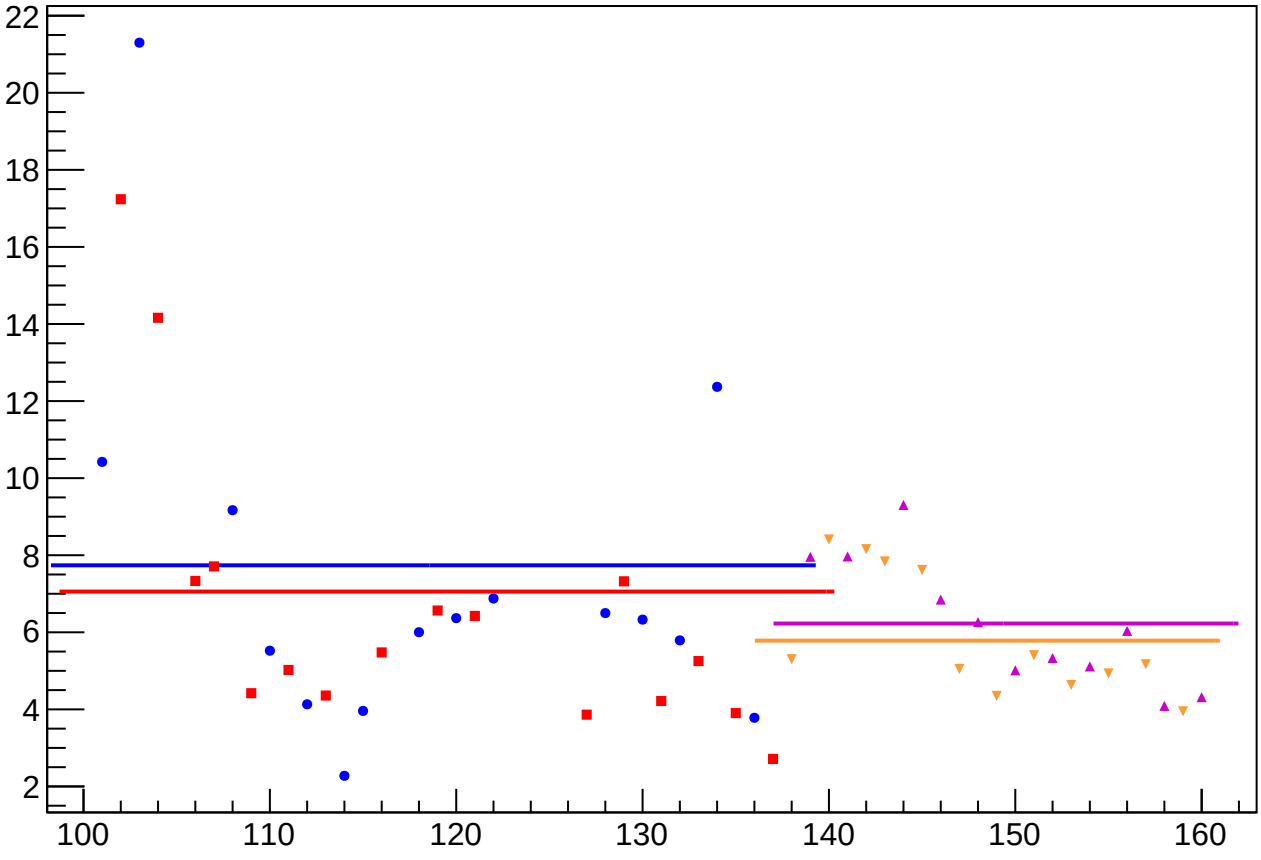
All: 86.771+/-0.000 χ^2/NDF: 2705497277682

Right Out: 169.108+/-0.000 χ^2/NDF: 6040721802042936822766910687819071488.0/15

- sign 88.613+/-0.000 χ^2/NDF: 1353475070284198

Left In: 30.507+/-0.000 χ^2/NDF:5260070014827404980158669967169945 6.0/10

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF: 15127215479234506007469492768079872.0/14

+ sign 6.595+/-0.000 χ^2/NDF: 18660029983466047

Left Out: 5.783+/-0.000 χ^2/NDF:20821036504112099958625190061015 04.0/11

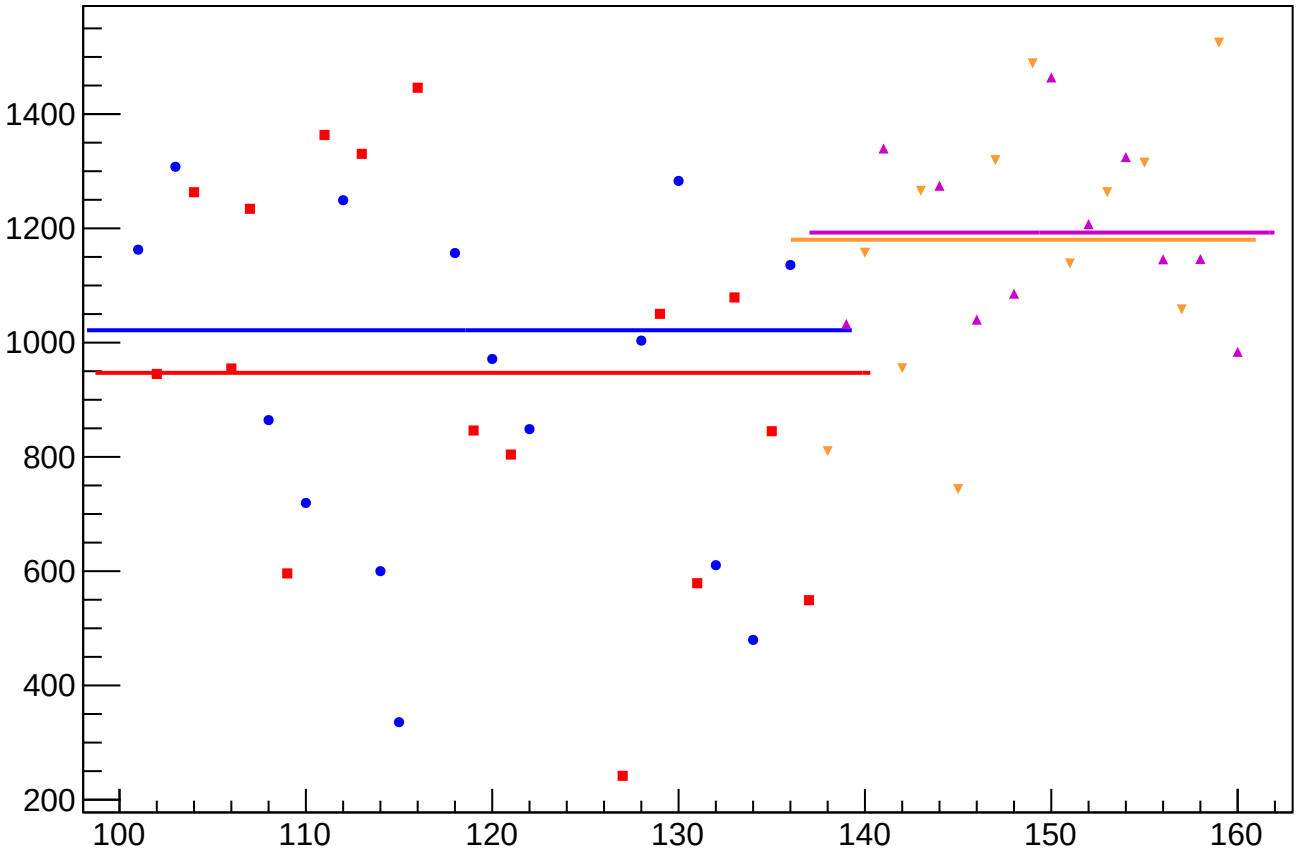
All: 6.585+/-0.000 χ^2/NDF: 3255111946980 5

Right Out: 7.057+/-0.000 χ^2/NDF: 11292441204139394792341242753581056.0/15

- sign 6.575+/-0.000 χ^2/NDF: 13890781213861884

Left In: 6.228+/-0.000 χ^2/NDF:23319117516557338093554890241474 56.0/10

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

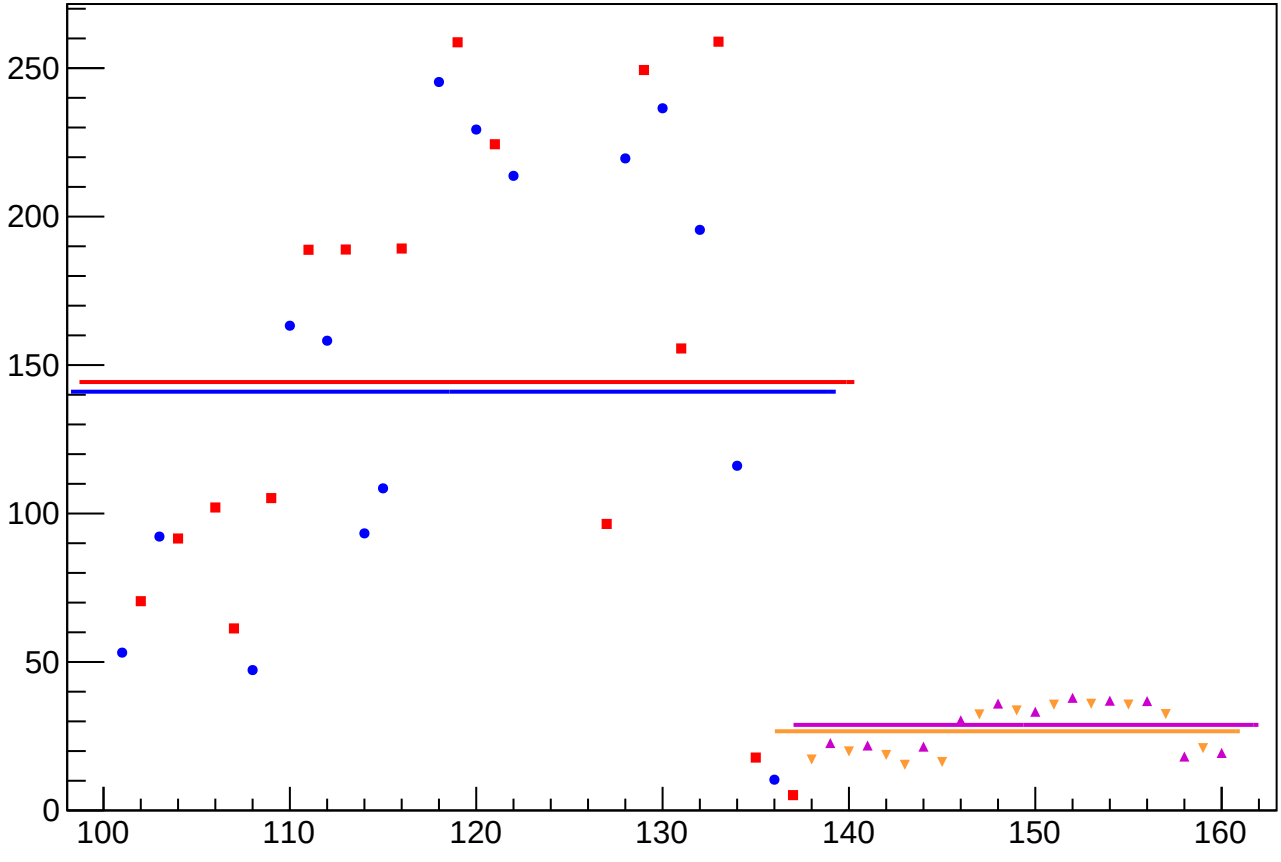
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

+ sign 74.155+/-0.000 χ^2/NDF: 9534162342398363

Left Out: 26.669+/-0.000 χ^2/NDF:6252234311411585623862909696632422 4.0/11

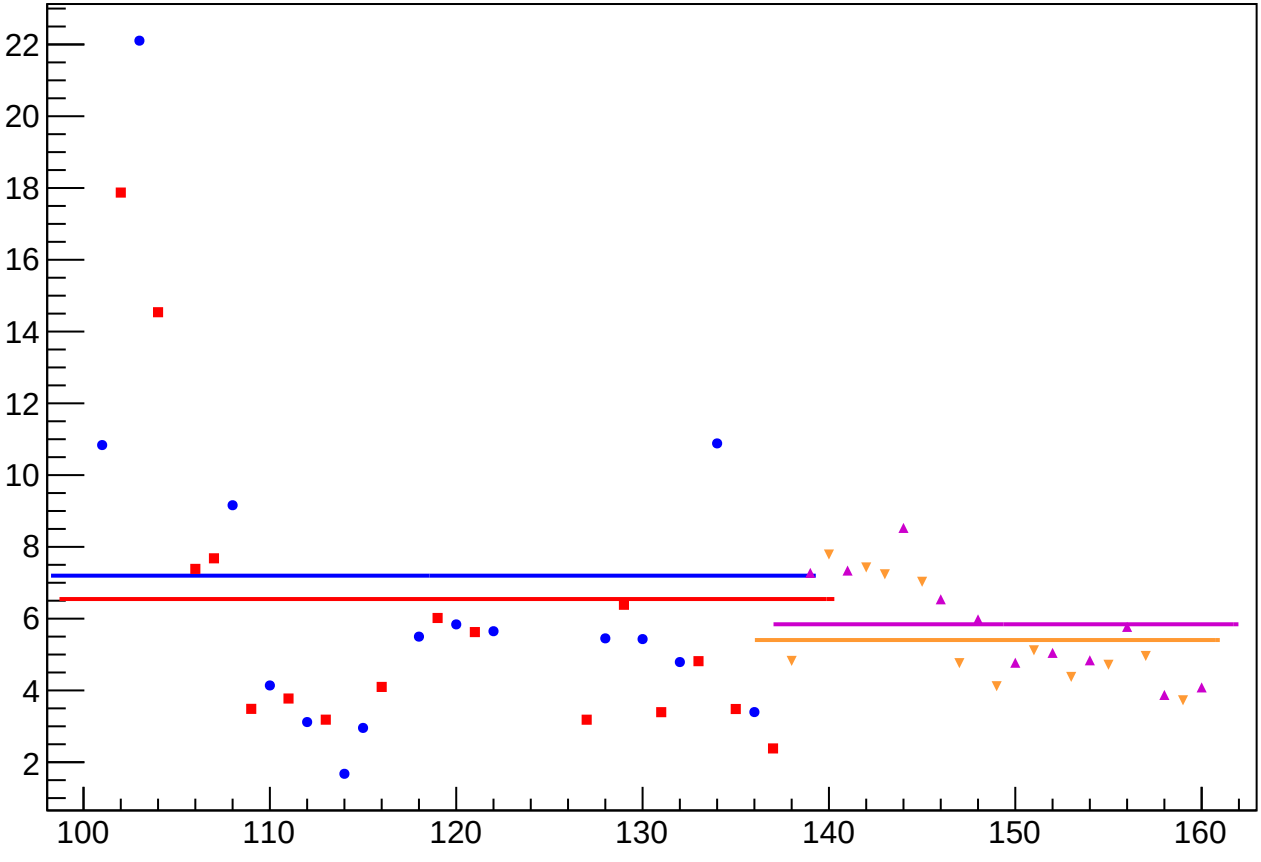
All: 75.703+/-0.000 χ^2/NDF: 1902686413208

Right Out: 144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

- sign 77.224+/-0.000 χ^2/NDF: 9485278065945565

Left In: 28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702745 6.0/10

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

Left Out: 5.404+/-0.000 χ^2/NDF:16574766732227345495360624153067 52.0/11

Right Out: 6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

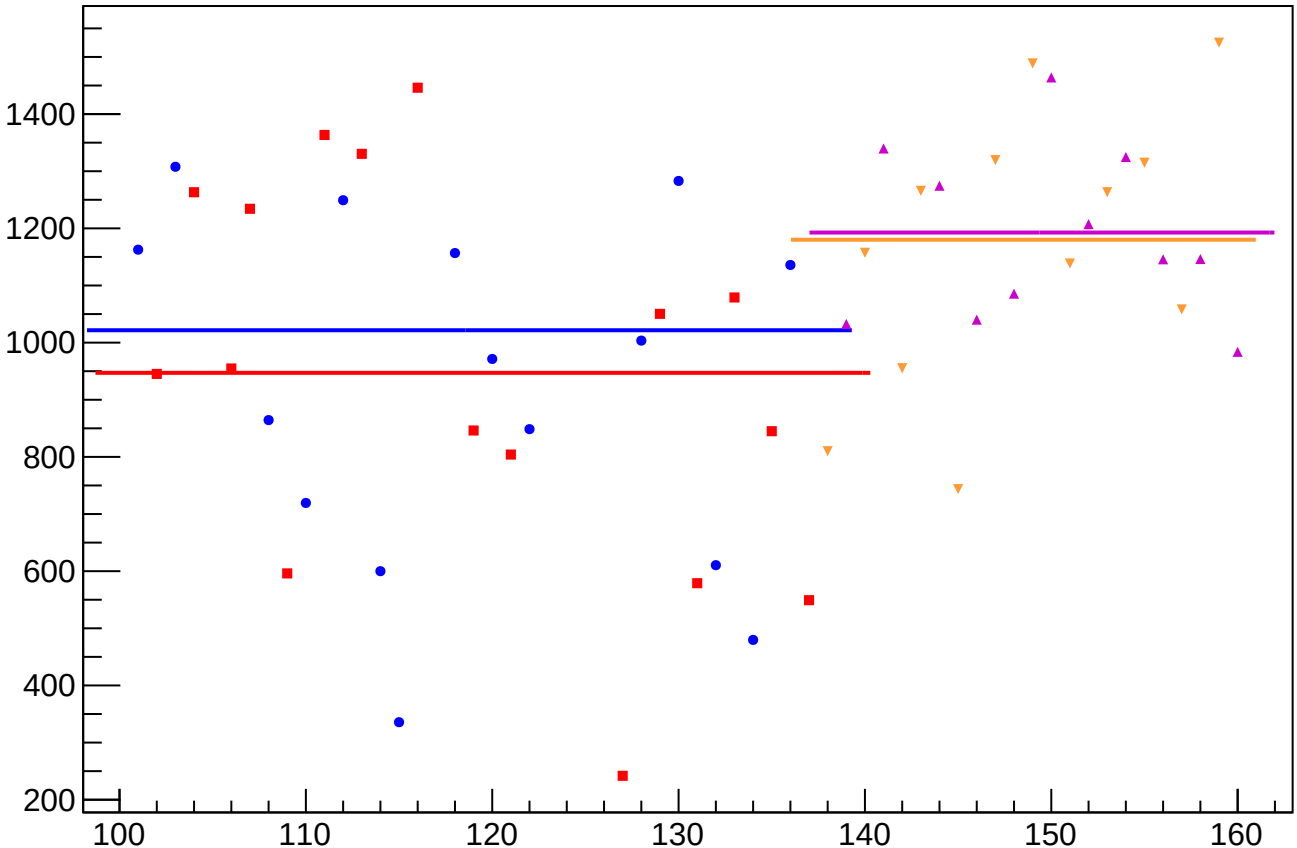
Left In: 5.843+/-0.000 χ^2/NDF:18327868371027078624005378067660 80.0/10

+ sign 6.149+/-0.000 χ^2/NDF: 2109105727582817 7

All: 6.144+/-0.000 χ^2/NDF: 3719444625202 6

- sign 6.138+/-0.000 χ^2/NDF: 1610329718374636 8

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

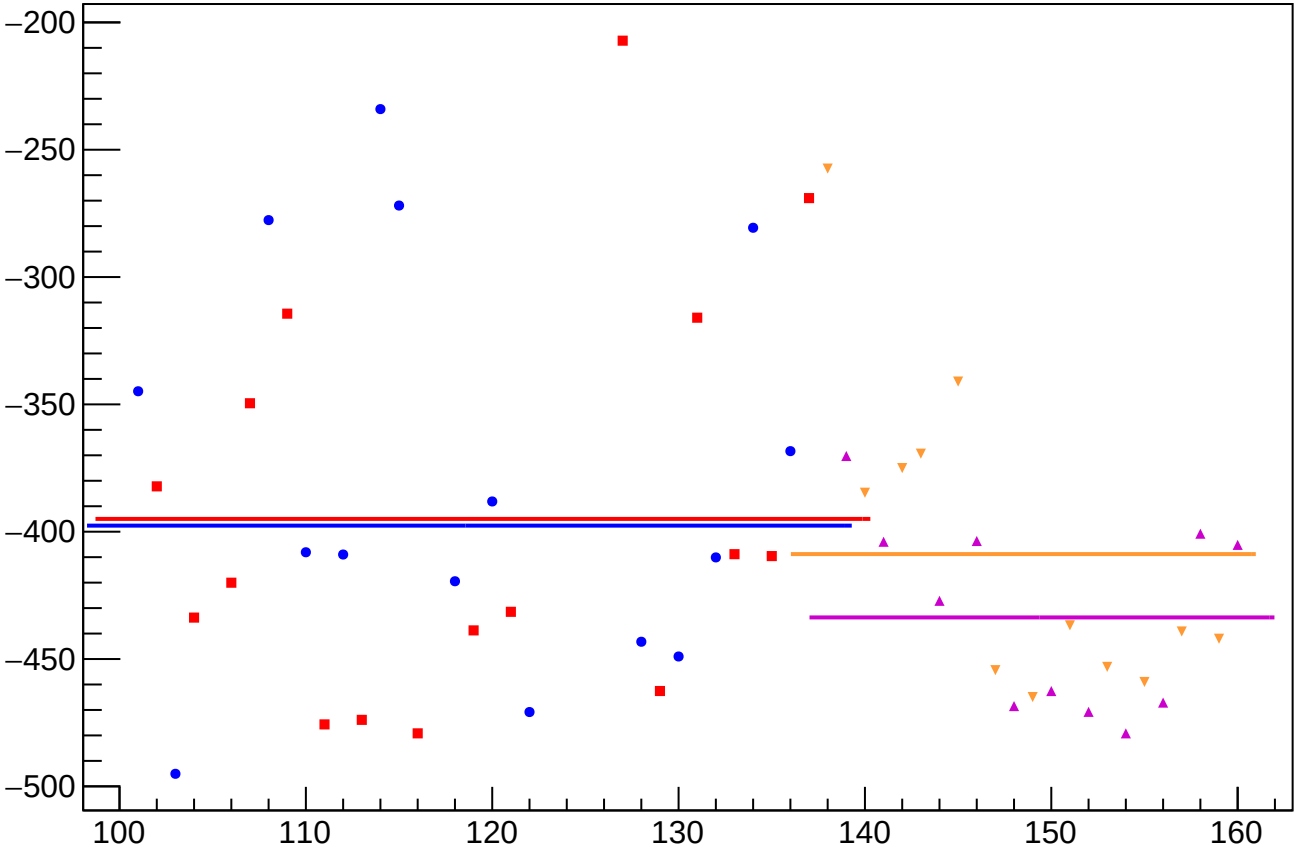
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

+ sign -404.151+/-0.000 χ^2/NDF: 60752984444318

Left Out: -408.794+/-0.000 χ^2/NDF:336657321396169290943910504040497152 0.0/11

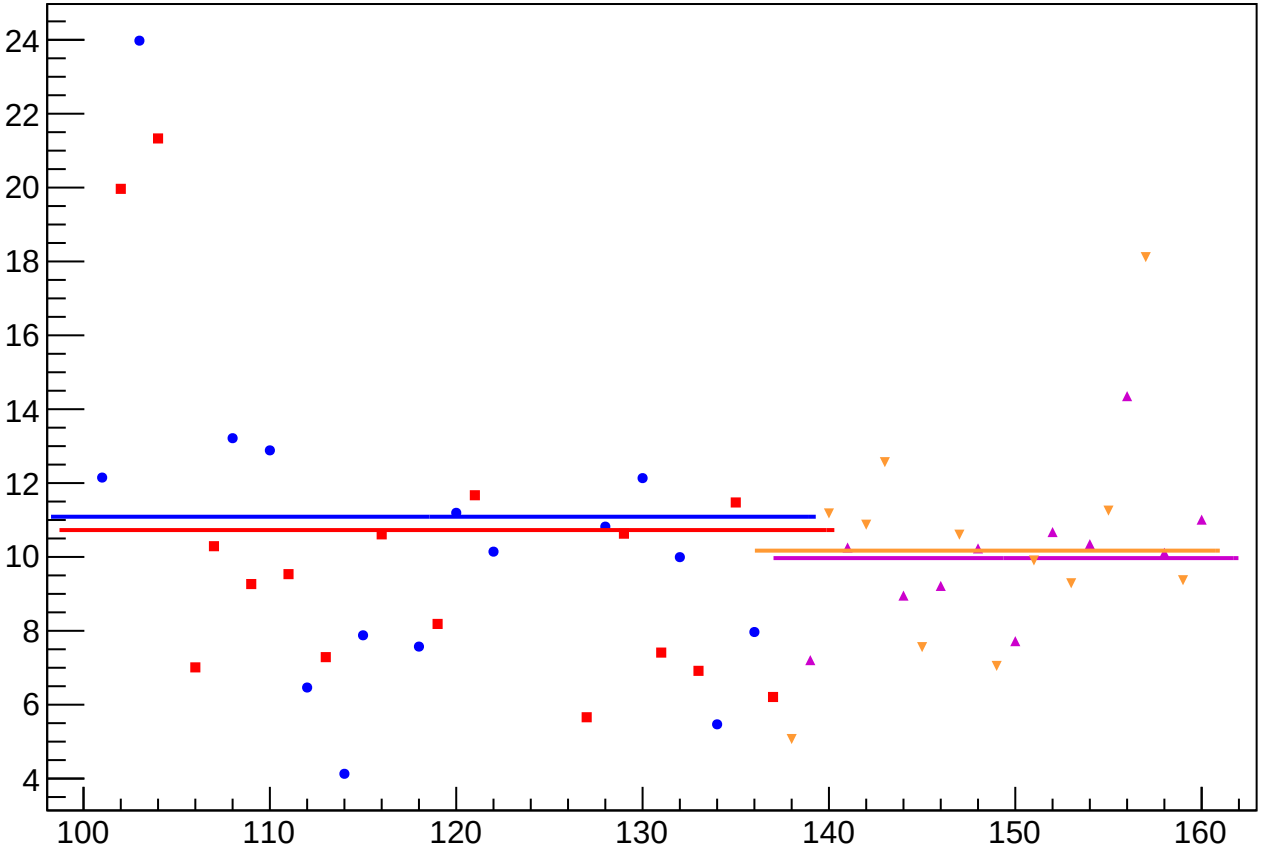
All: -410.856+/-0.000 χ^2/NDF: 11678350413

Right Out: -394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

- sign -417.444+/-0.000 χ^2/NDF: 546374662460811

Left In: -433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

+ sign 10.552+/-0.000 χ^2/NDF: 2364557431902666

Left Out: 10.171+/-0.000 χ^2/NDF:9089684940831859823552687731900416.0/11

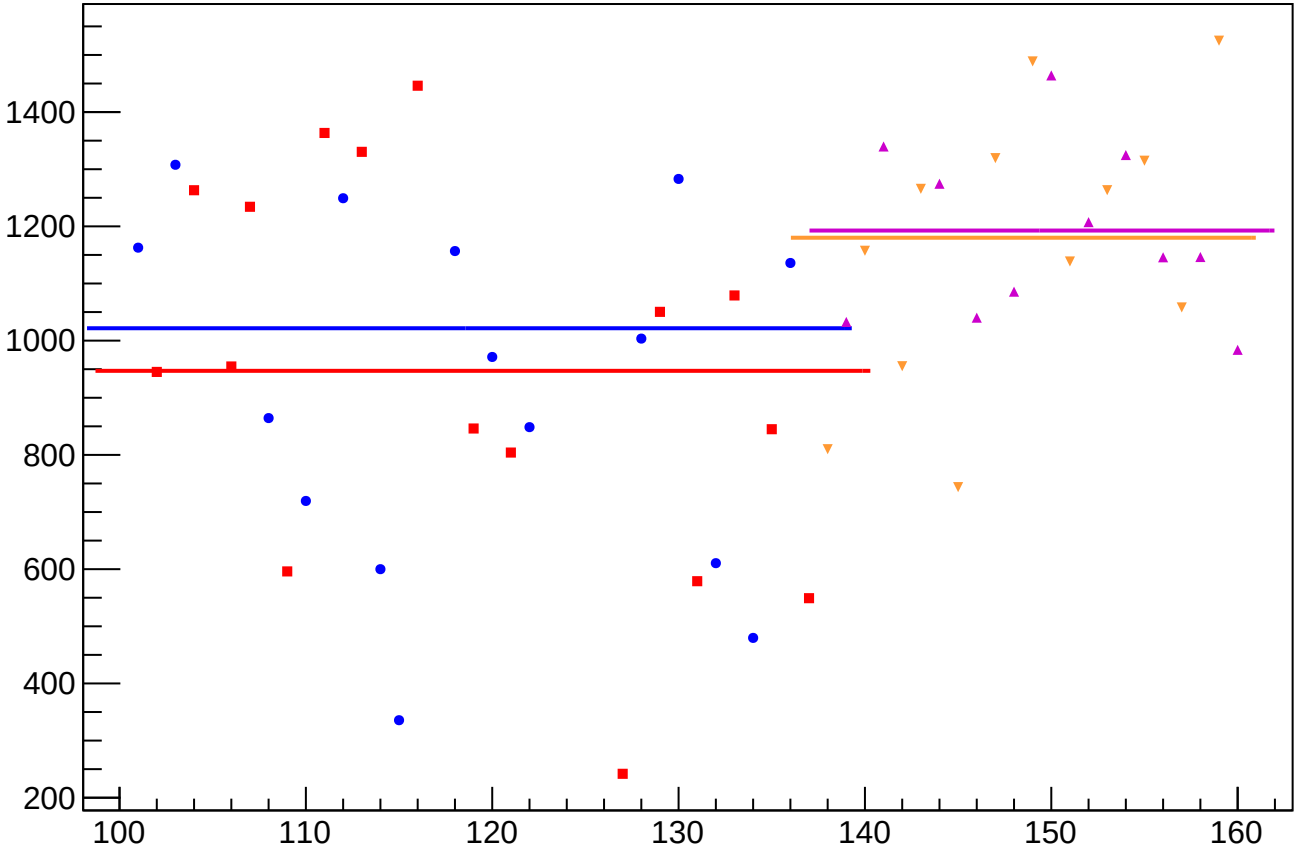
All: 10.418+/-0.000 χ^2/NDF: 415971934979 4

Right Out: 10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15

- sign 10.287+/-0.000 χ^2/NDF: 1789615499240610

Left In: 9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

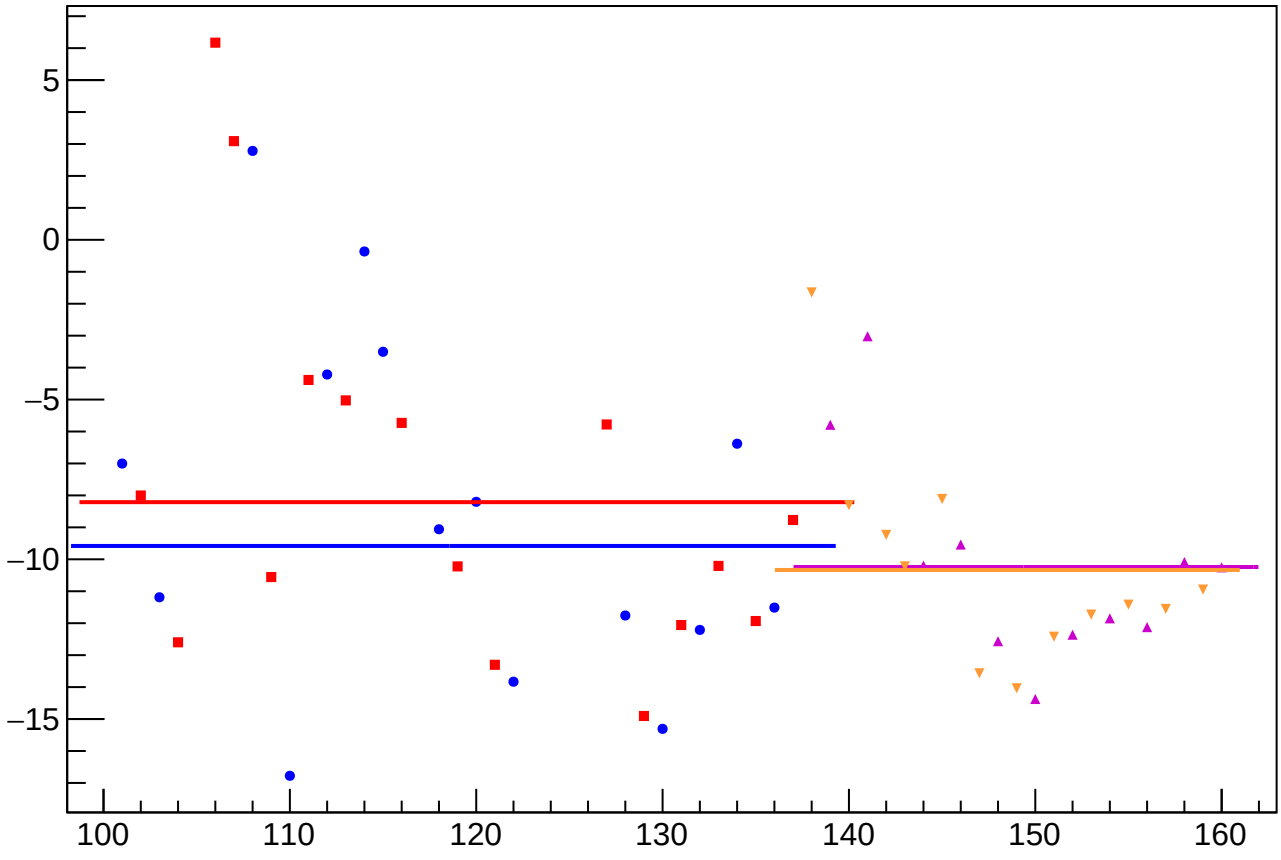
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4aY_coil7_mean vs Slug



Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

+ sign -10.022+/-0.000 χ^2/NDF: 242946352397110

Left Out: -10.333+/-0.000 χ^2/NDF:937769242502636537504704147488768 0.0/11

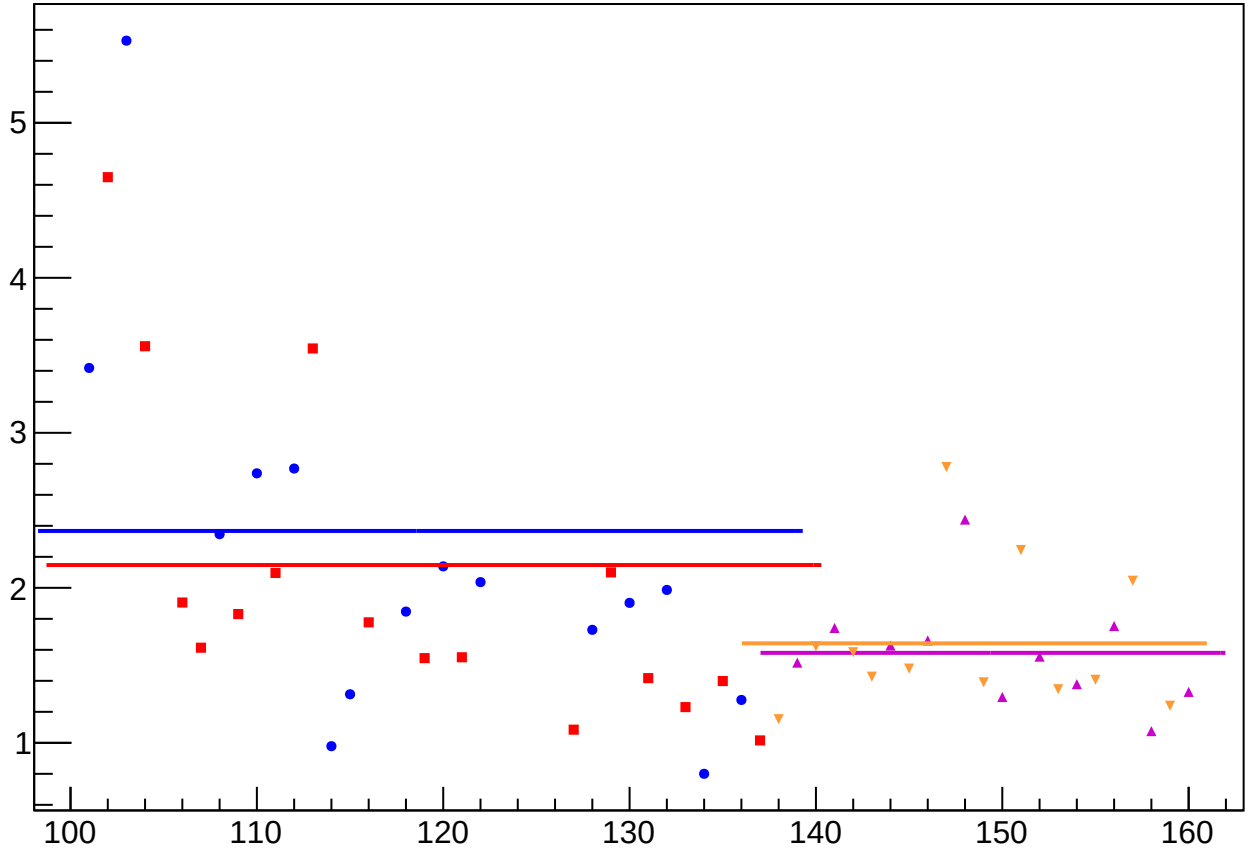
All: -9.703+/-0.000 χ^2/NDF: 5350258312452

Right Out: -8.211+/-0.000 χ^2/NDF: 183042372938359614656057542044549 12.0/15

- sign -9.390+/-0.000 χ^2/NDF: 2889381959602526 7

Left In: -10.241+/-0.000 χ^2/NDF:899282908840843048348597777281843 2.0/10

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000 χ^2/NDF: 920633294546152876922066767446016.0/14

Left Out: 1.642+/-0.000 χ^2/NDF:195842148226043527039909915262976.0/11

Right Out: 2.147+/-0.000 χ^2/NDF: 764171992480224478656127555338240.0/15

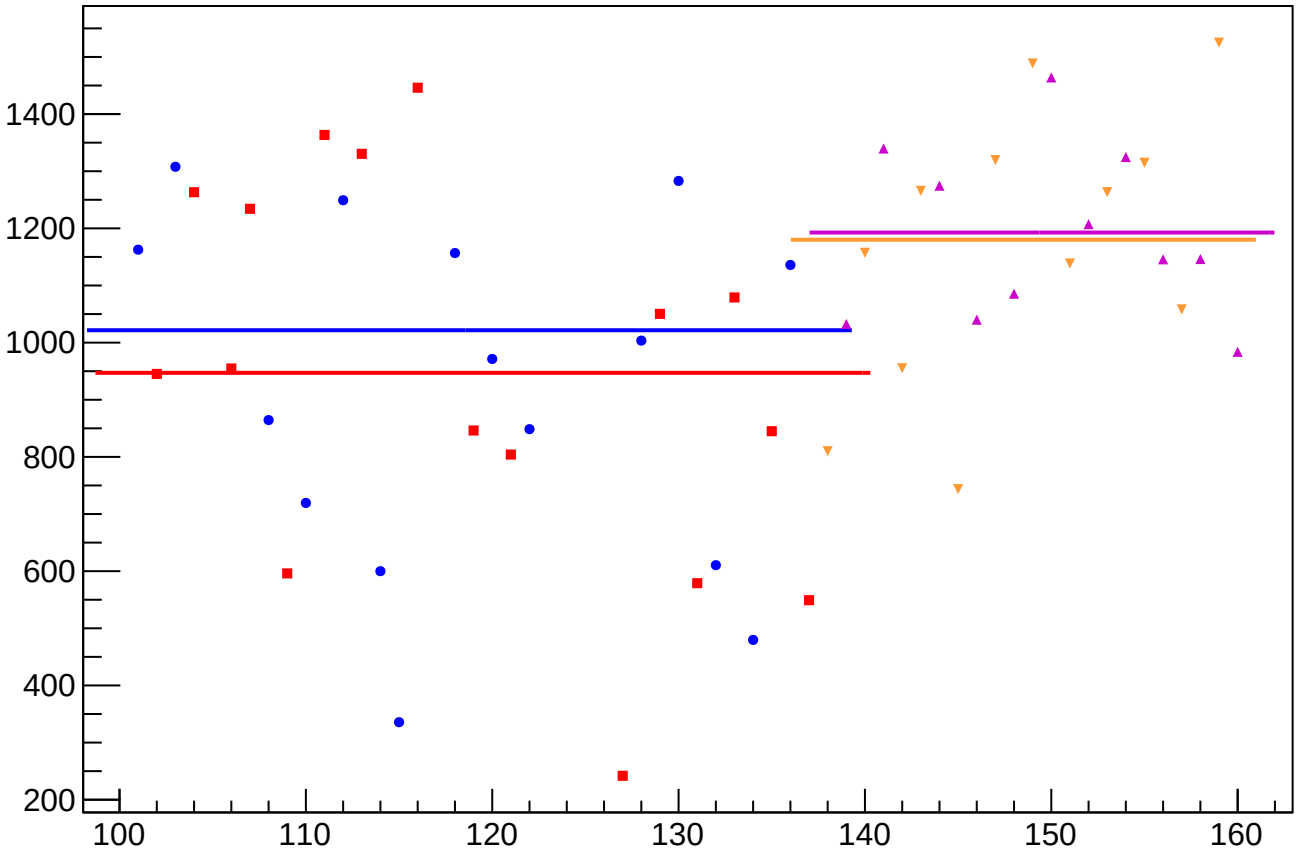
Left In: 1.580+/-0.000 χ^2/NDF:104159820106689813353171792166912.0/10

+ sign 1.943+/-0.000 χ^2/NDF: 1315983441767776

All: 1.880+/-0.000 χ^2/NDF: 2321029523106

- sign 1.818+/-0.000 χ^2/NDF: 99272780450860702

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

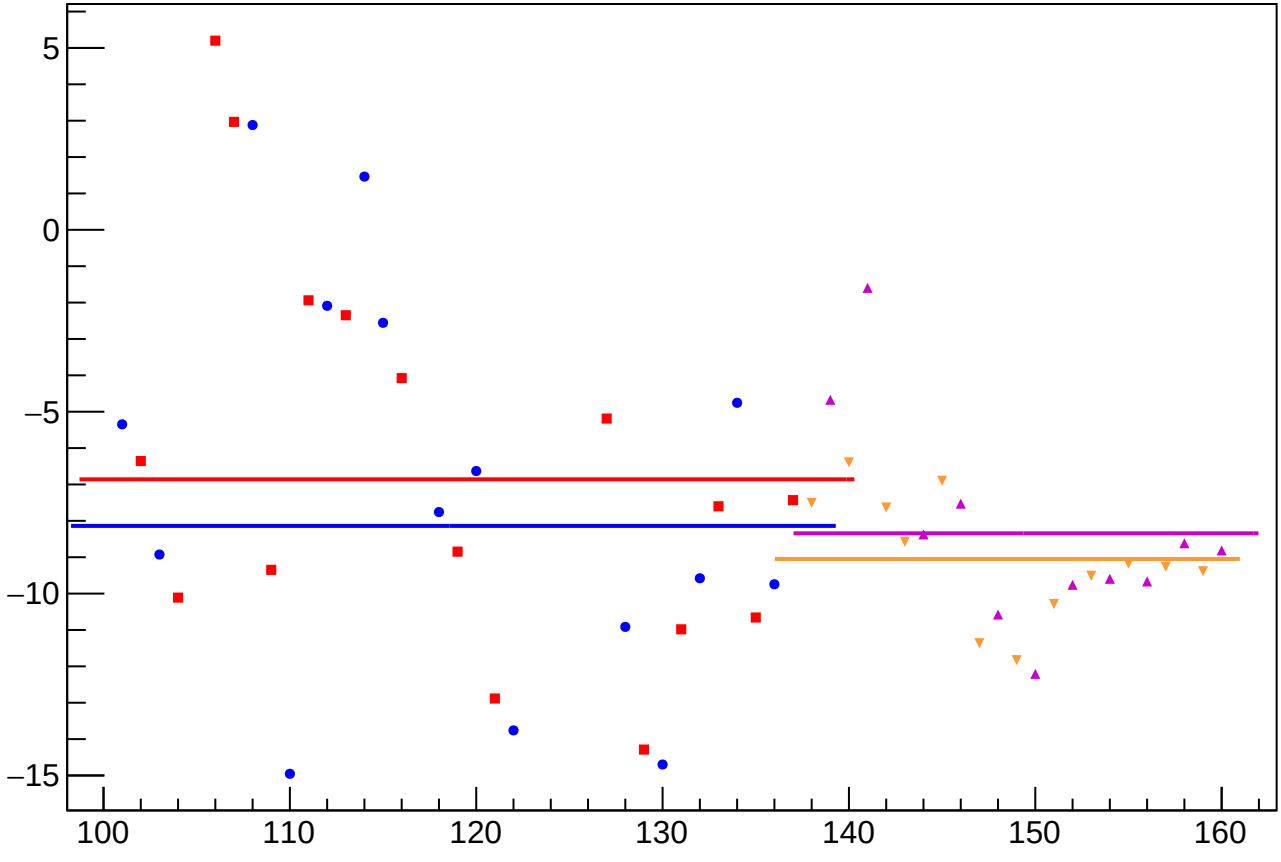
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left Out: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_4eY_coil7_mean vs Slug



Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

Left Out: -9.049+/-0.000 χ^2/NDF:2449058506184839792133889501167616.0/11

Right Out: -6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15

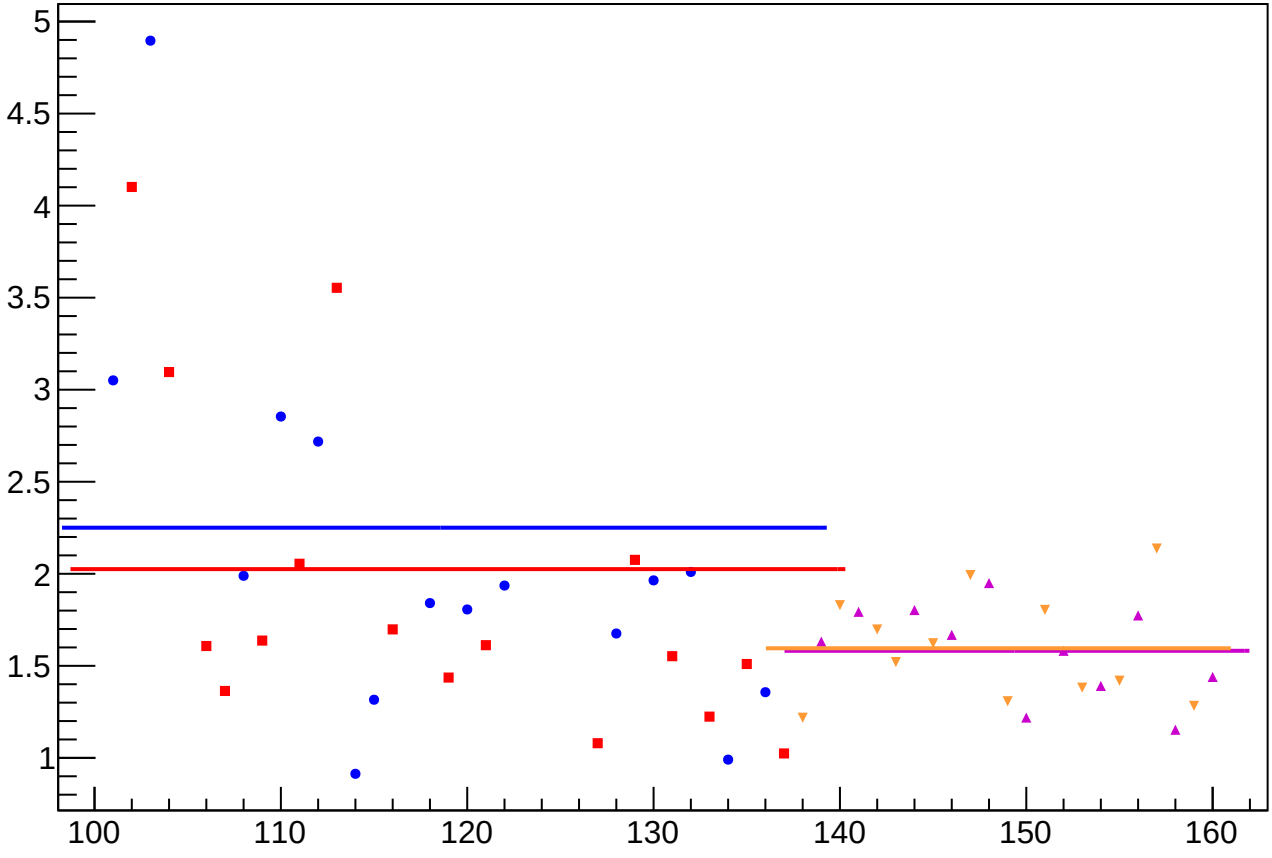
Left In: -8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

+ sign -8.671+/-0.000 χ^2/NDF: 1743954297052969

All: -8.191+/-0.000 χ^2/NDF: 4275682258895

- sign -7.721+/-0.000 χ^2/NDF: 2460541769521765

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Left Out: 1.595+/-0.000 χ^2/NDF:7654921329220878114854523004518 4.0/11

Right Out: 2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

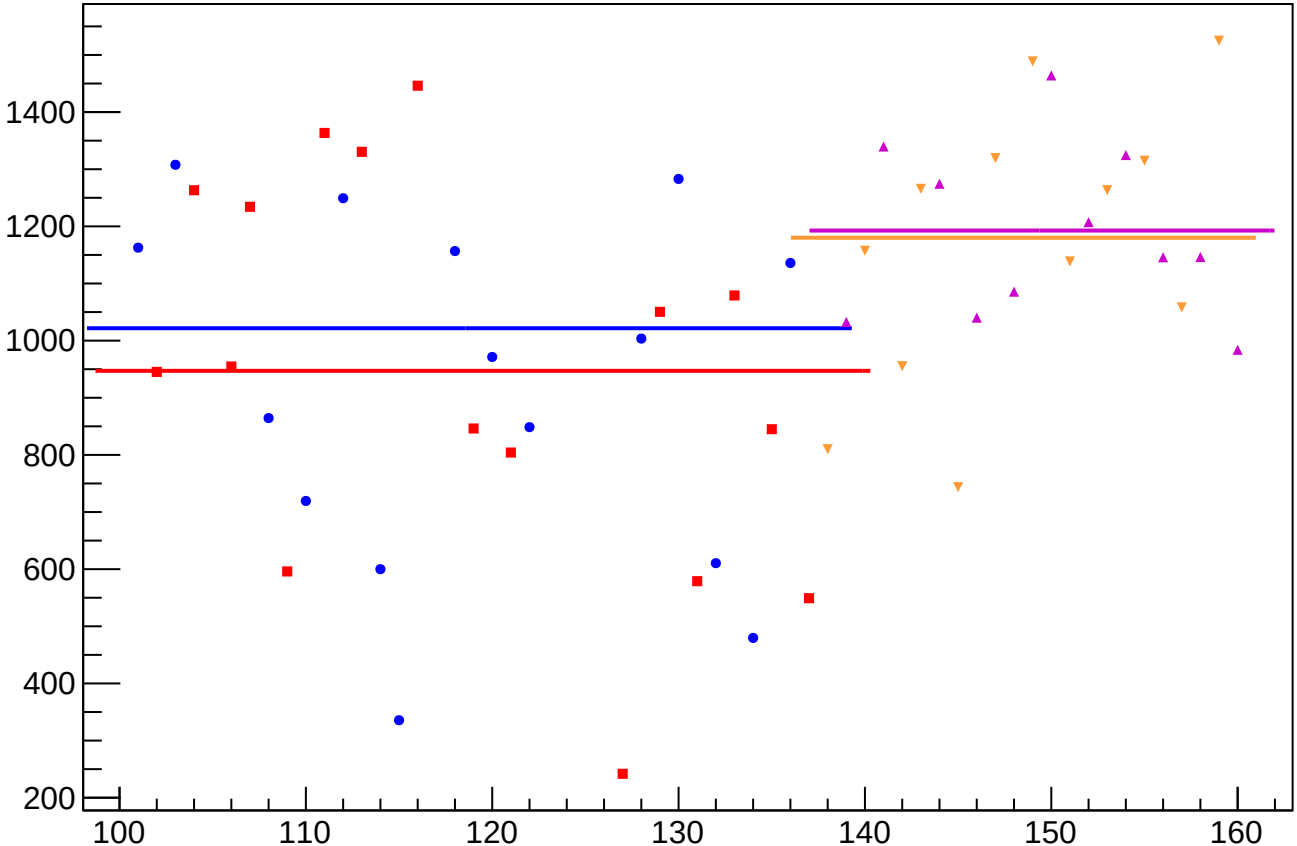
Left In: 1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

+ sign 1.867+/-0.000 χ^2/NDF: 8961684903925900 9

All: 1.817+/-0.000 χ^2/NDF: 1613932314765 0

- sign 1.768+/-0.000 χ^2/NDF: 7099264779947717 7

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

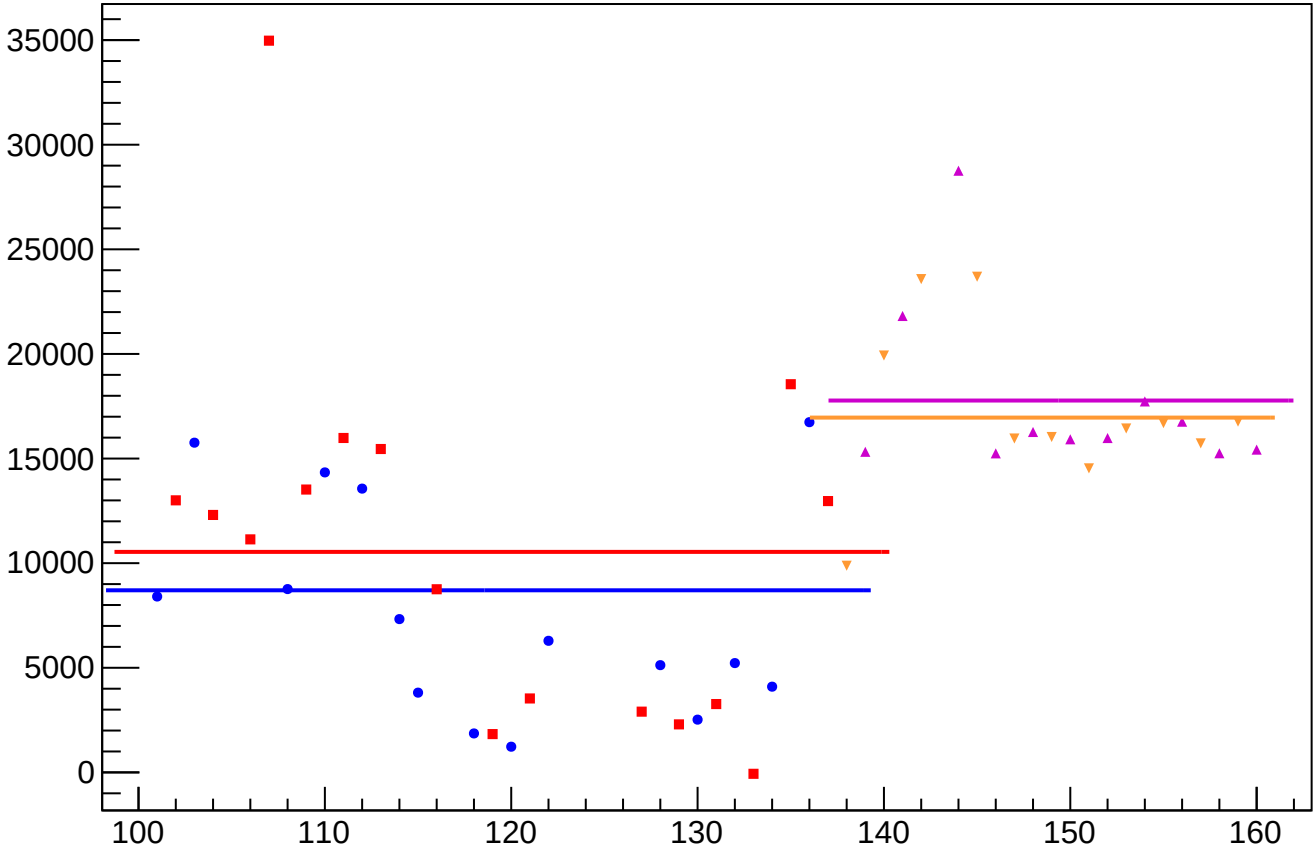
Left In: 1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191919226 88.0/14

Left Out: 16957.575+/-0.000 χ^2/NDF:109380086255505617702852542976972438896 64.0/10

Right Out: 10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

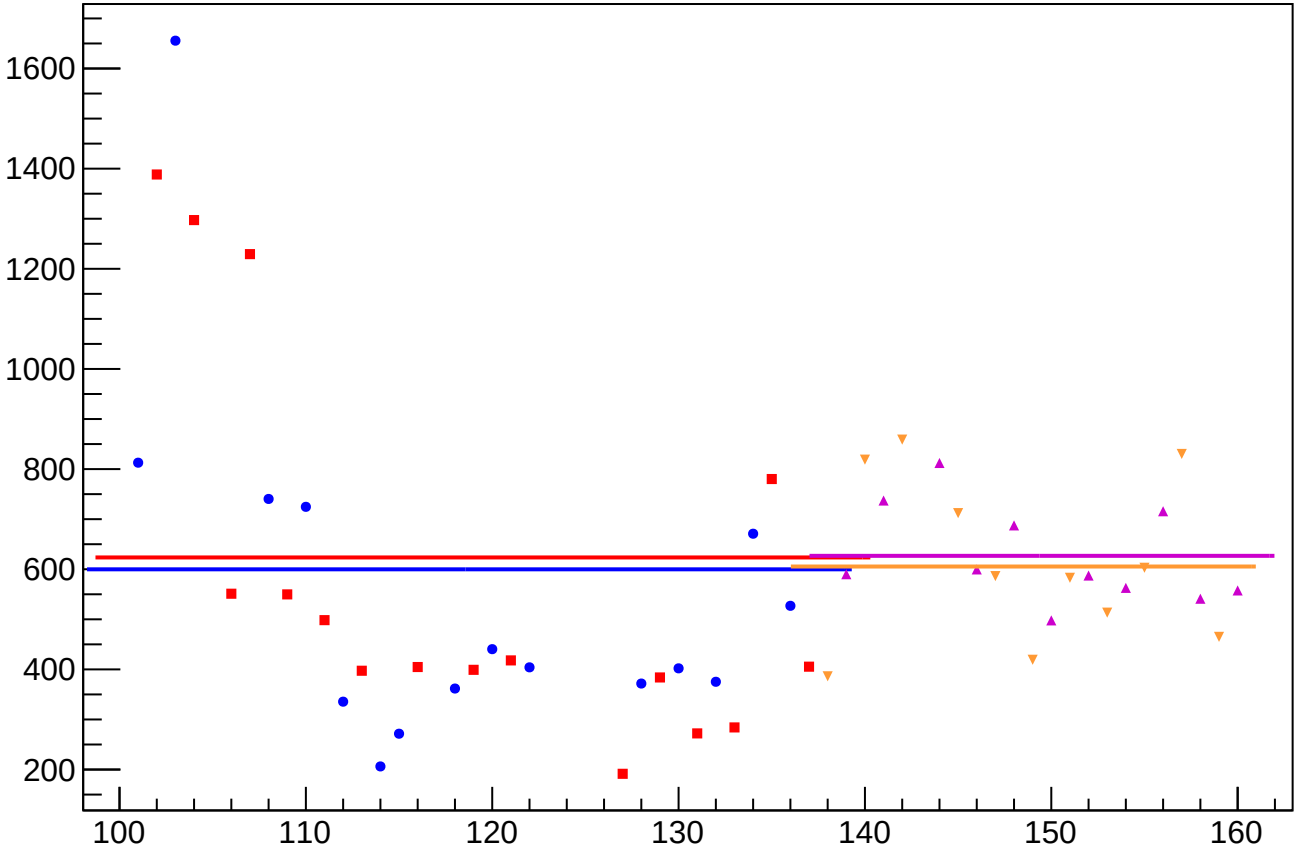
Left In: 17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

+ sign 13376.690+/-0.000 χ^2/NDF: 5547433572288

All: 14079.562+/-0.000 χ^2/NDF: 1383312786

- sign 14740.464+/-0.000 χ^2/NDF: 8142294021651

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847 2704.0/14

+ sign 603.023+/-0.000 χ^2/NDF: 109870540550335

Left Out: 605.454+/-0.000 χ^2/NDF:206000366965768896864889138627068559 36.0/10

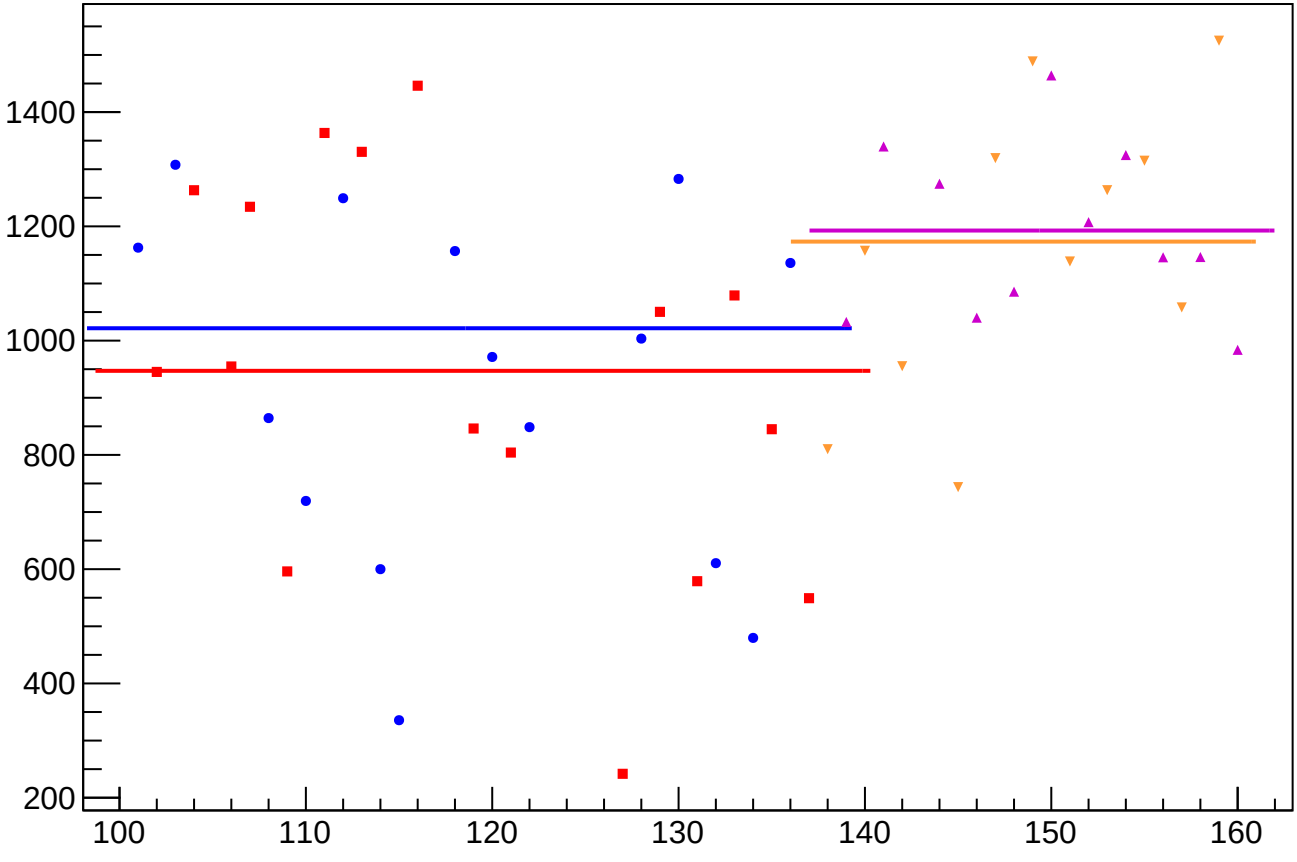
All: 614.575+/-0.000 χ^2/NDF: 21988174064 5

Right Out: 623.569+/-0.000 χ^2/NDF: 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF: 109623841978162

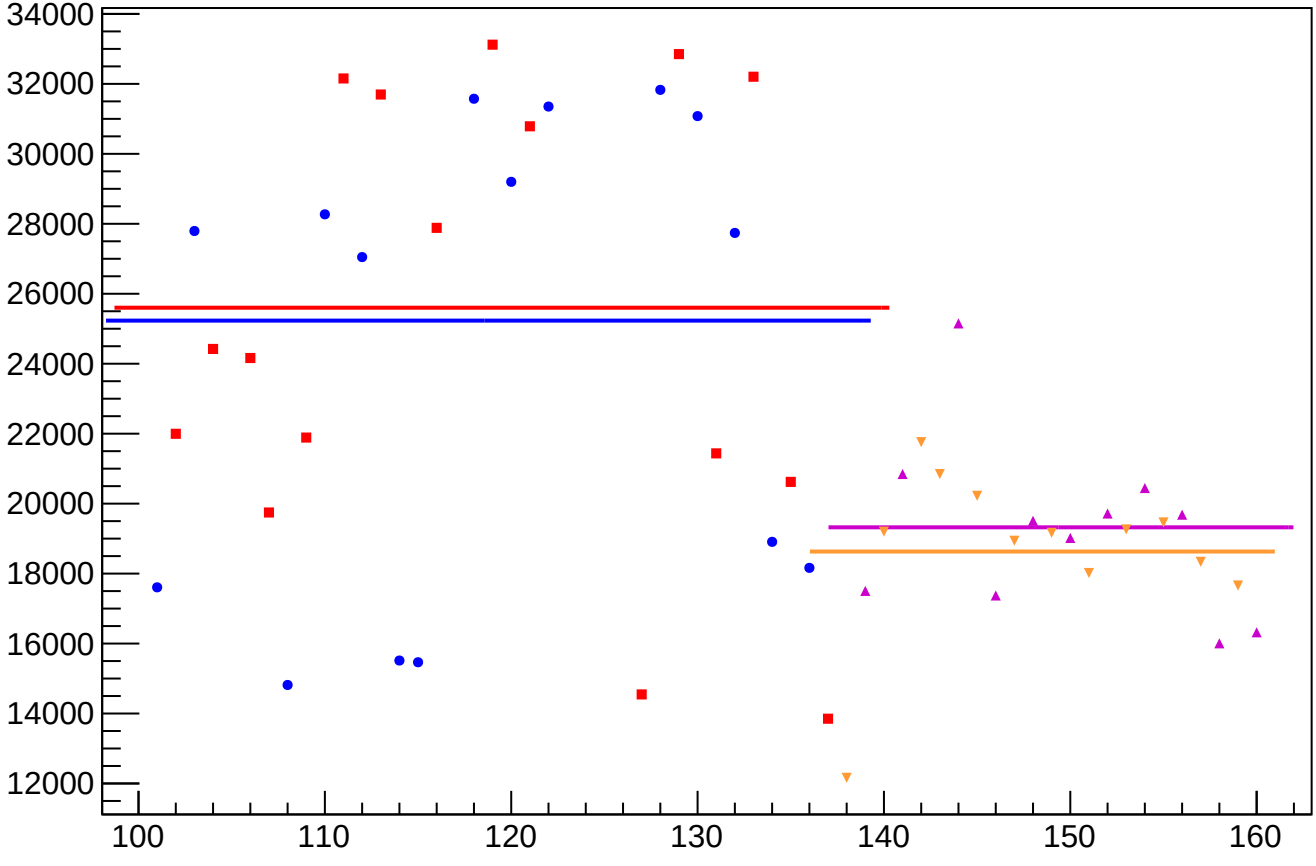
Left In: 626.785+/-0.000 χ^2/NDF:817098942966537005025427577470399 2832.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1107.545+/-0.000 χ^2/NDF: 99202805471874
Left Out: 1173.334+/-0.000 χ^2/NDF:50259225692125439679244442751924699136.0/10
All: 1098.373+/-0.000 χ^2/NDF: 2098418779 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

+ sign 21371.781+/-0.000 χ^2/NDF: 4557364101800

Left Out: 18630.609+/-0.000 χ^2/NDF:4499157177792733453337123782201790431232.0/11

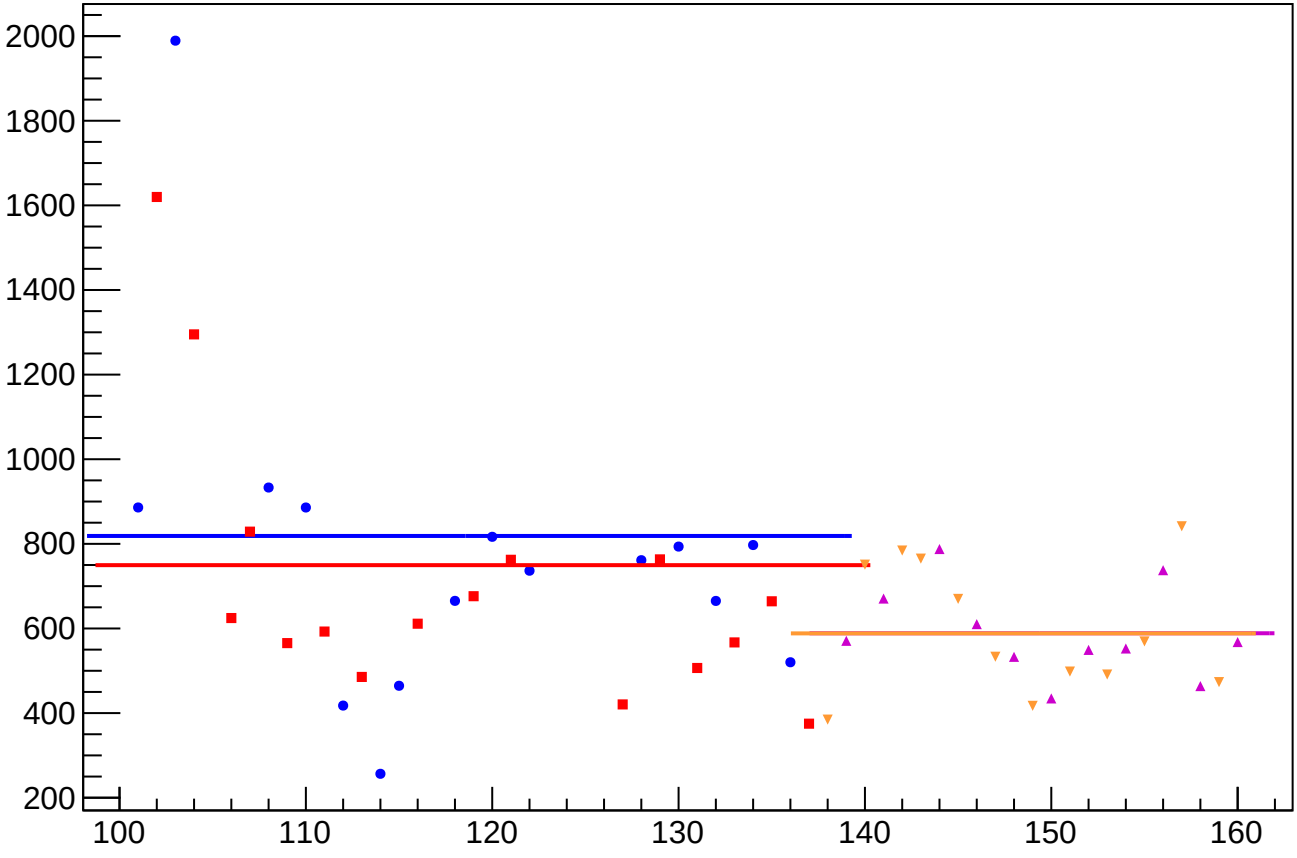
All: 21666.026+/-0.000 χ^2/NDF: 9098110501

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

- sign 21955.094+/-0.000 χ^2/NDF: 4513919478175

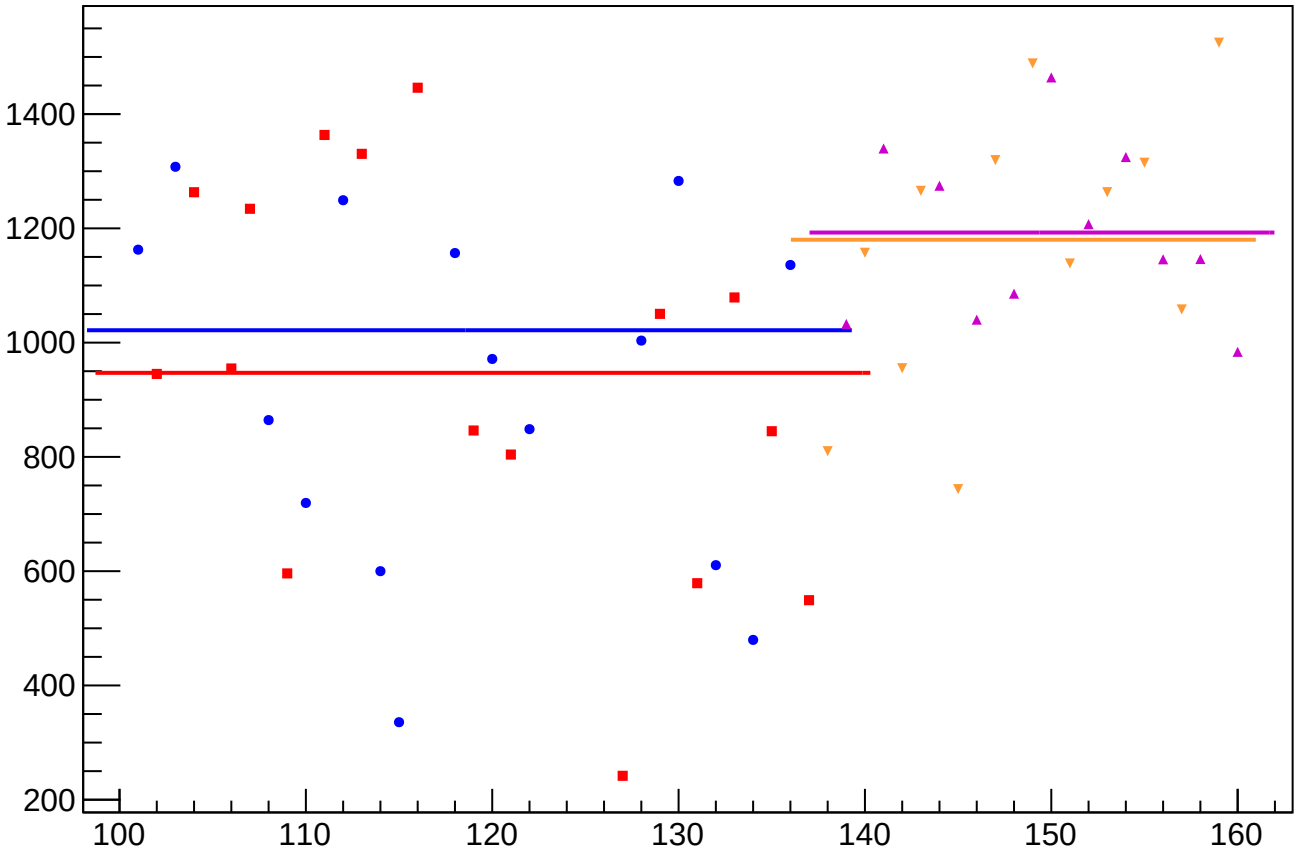
Left In: 19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

dit_usr_coil7_err_mean vs Slug



Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
+ sign 684.008+/-0.000 χ^2/NDF: 1457915690693 88
Left Out: 588.391+/-0.000 χ^2/NDF:2006019737798911499129666566607811 3792.0/11
All: 669.969+/-0.000 χ^2/NDF: 2443165090 40
Right Out: 749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15
- sign 656.176+/-0.000 χ^2/NDF: 979142023590546
Left In: 588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10

dit_usr_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

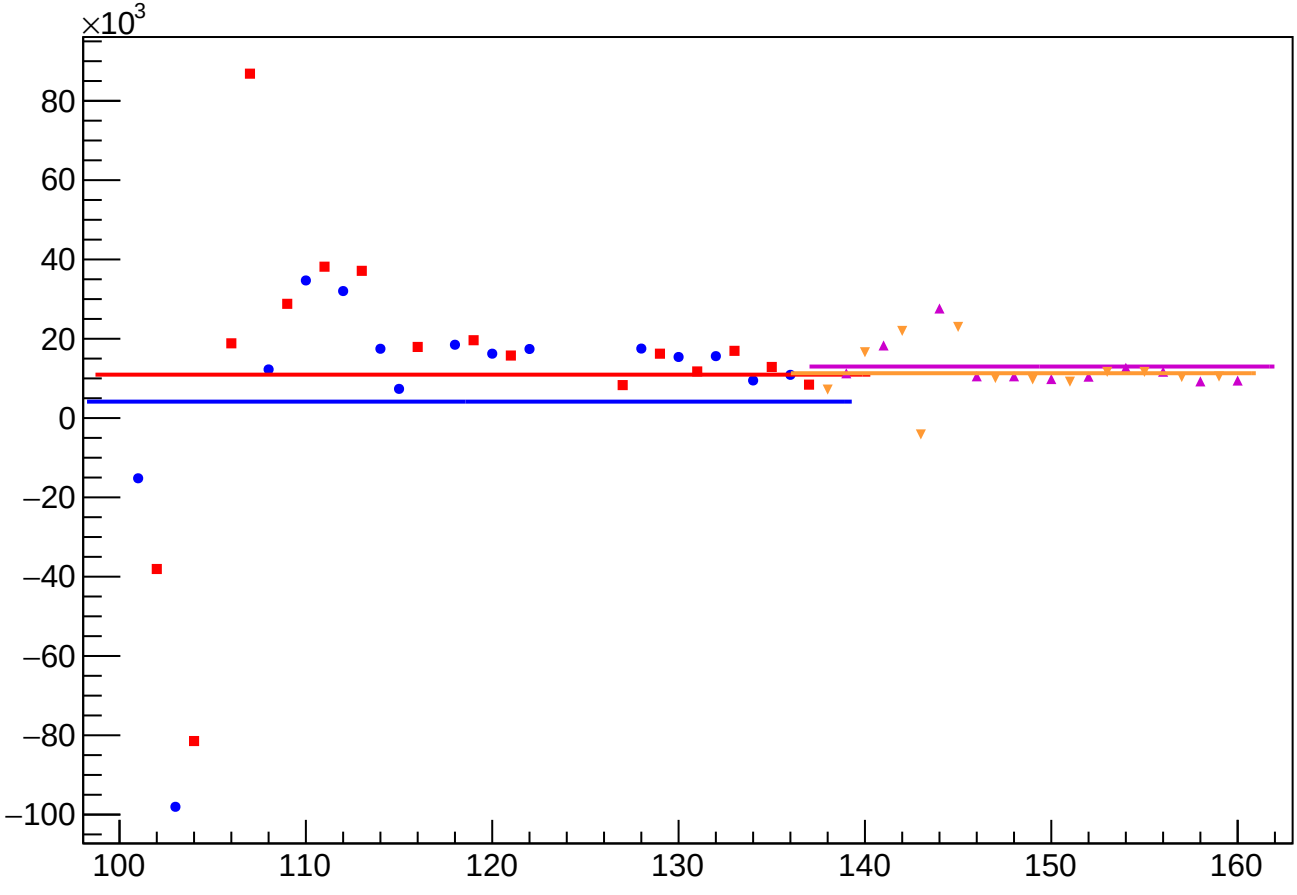
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_atl1_coil7_mean vs Slug



Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

+ sign 8333.706+/-0.000 χ^2/NDF: 8194448772748 5

Left Out: 11307.773+/-0.000 χ^2/NDF:3628106586224425978730098238817854868684 8.0/11

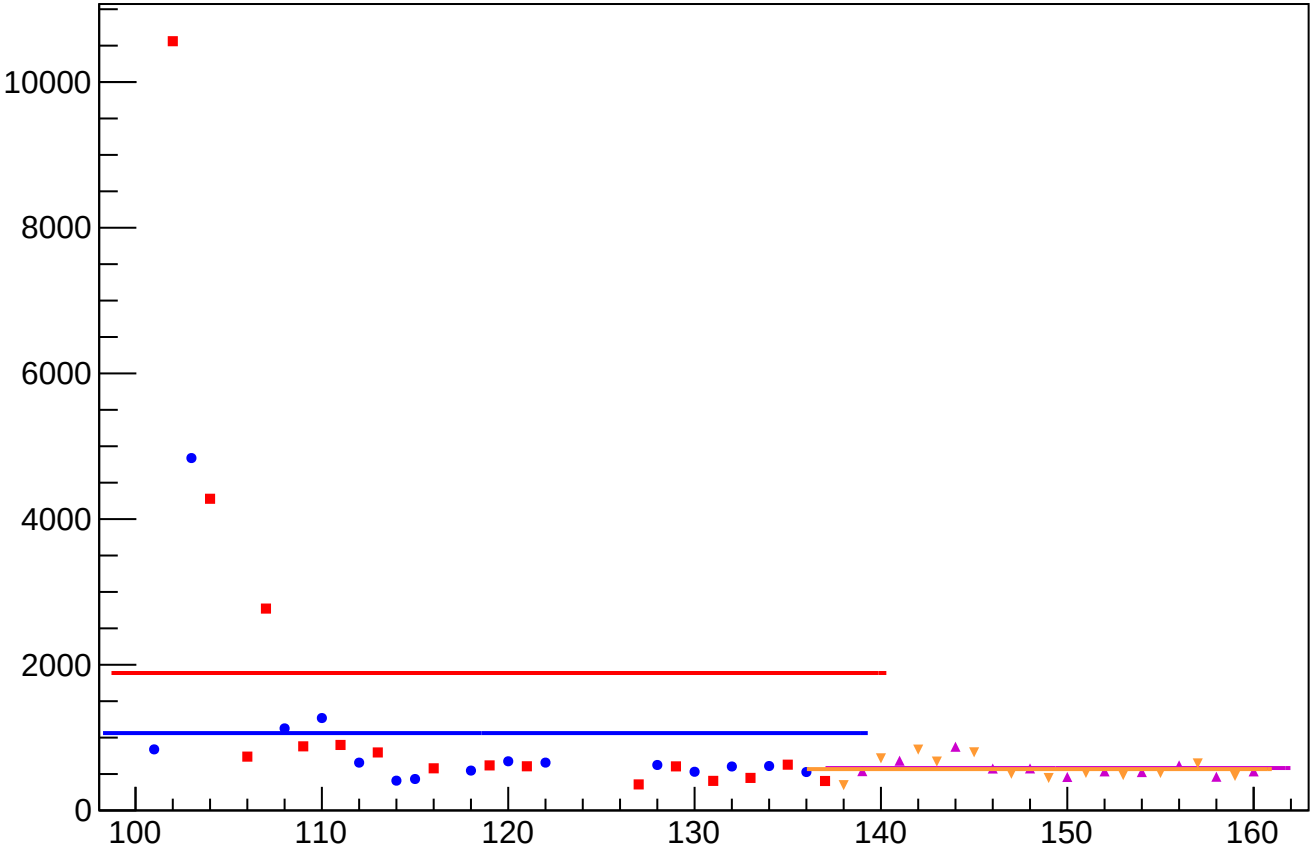
All: 10251.942+/-0.000 χ^2/NDF: 1732817087

Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

- sign 12136.418+/-0.000 χ^2/NDF: 9019709098500

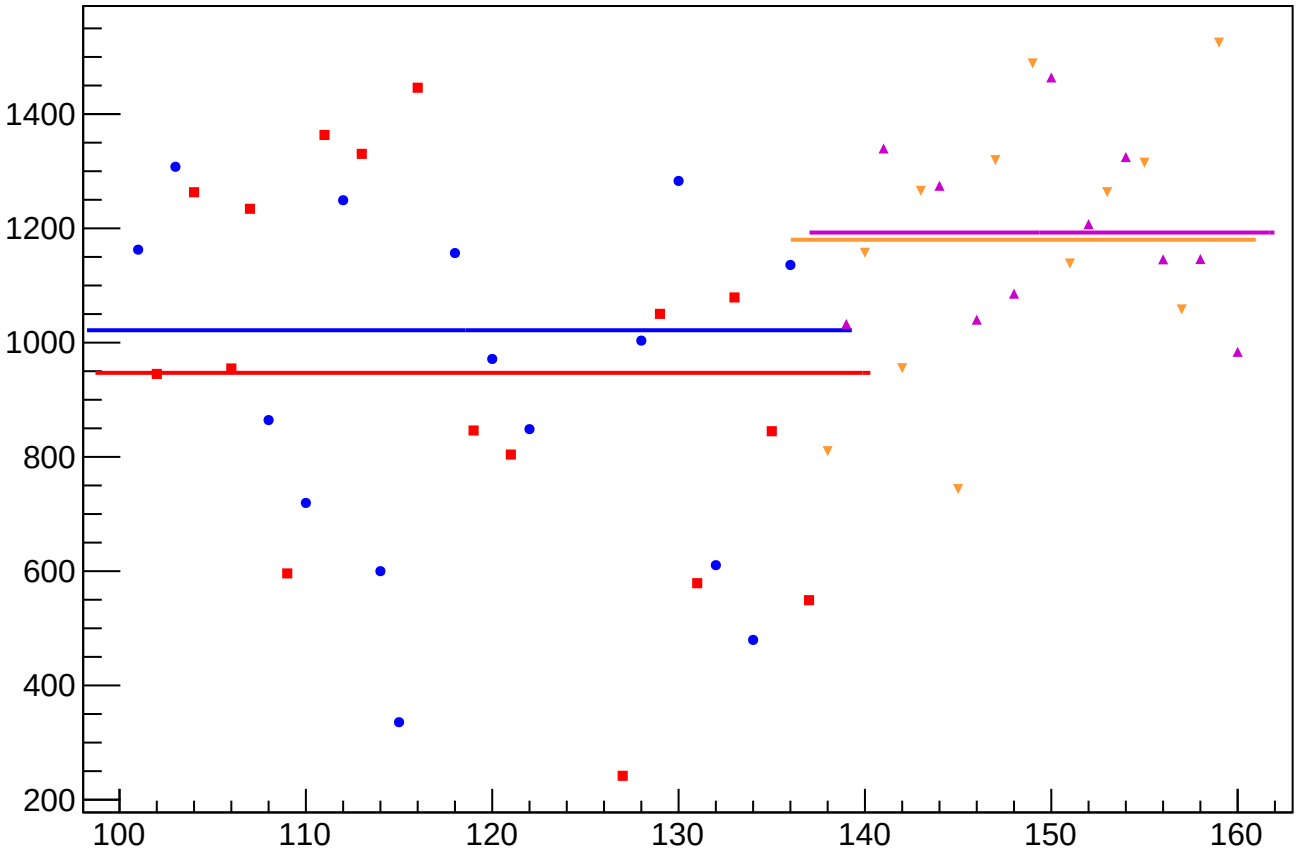
Left In: 12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14
+ sign 773.025+/-0.000 χ^2/NDF: 106309785539188
Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11
All: 952.780+/-0.000 χ^2/NDF: 736031273486
Right Out: 1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15
- sign 1129.371+/-0.000 χ^2/NDF: 61970965674299
Left In: 582.413+/-0.000 χ^2/NDF:118601444625381818138146789657296240 64.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

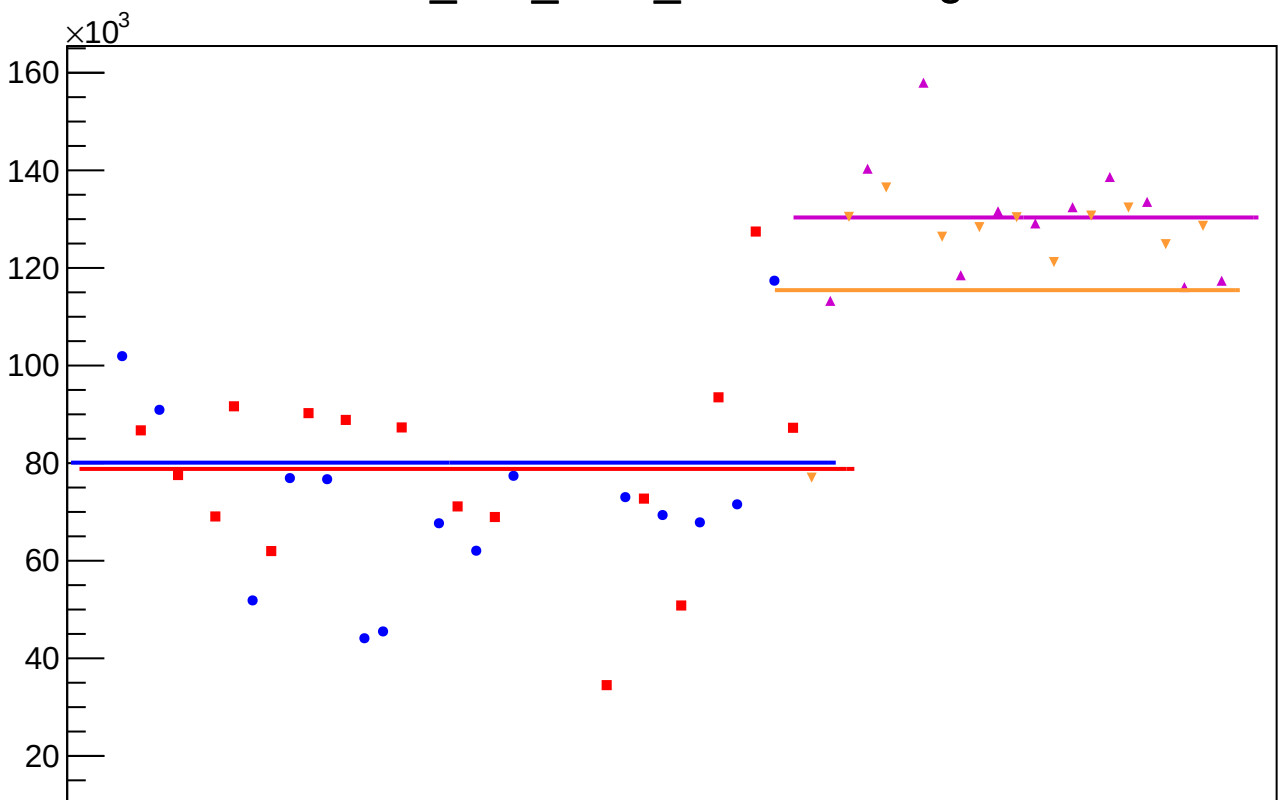
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

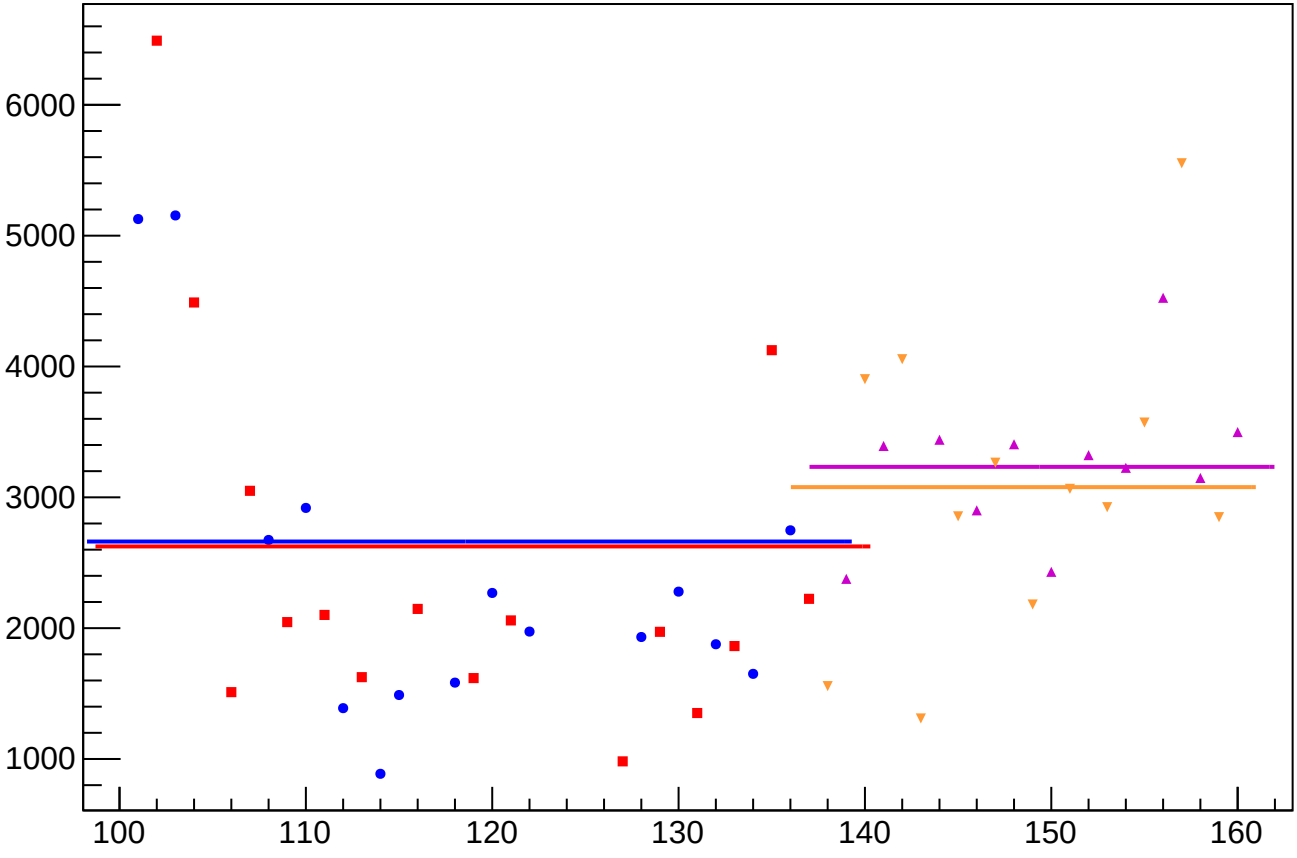
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14
+ sign 100772.113+/-0.000 χ^2/NDF: 17674802689 5
Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11
All: 104792.930+/-0.000 χ^2/NDF: 32804450 0
Right Out: 78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854 72000.0/15
- sign 108742.985+/-0.000 χ^2/NDF: 146287150012
Left In: 130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785 14176.0/10

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF: 1031389230165640157864439705583367487488.0/14

Left Out: 3077.945+/-0.000 χ^2/NDF:1073709891492389198093936322660595138560.0/11

Right Out: 2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

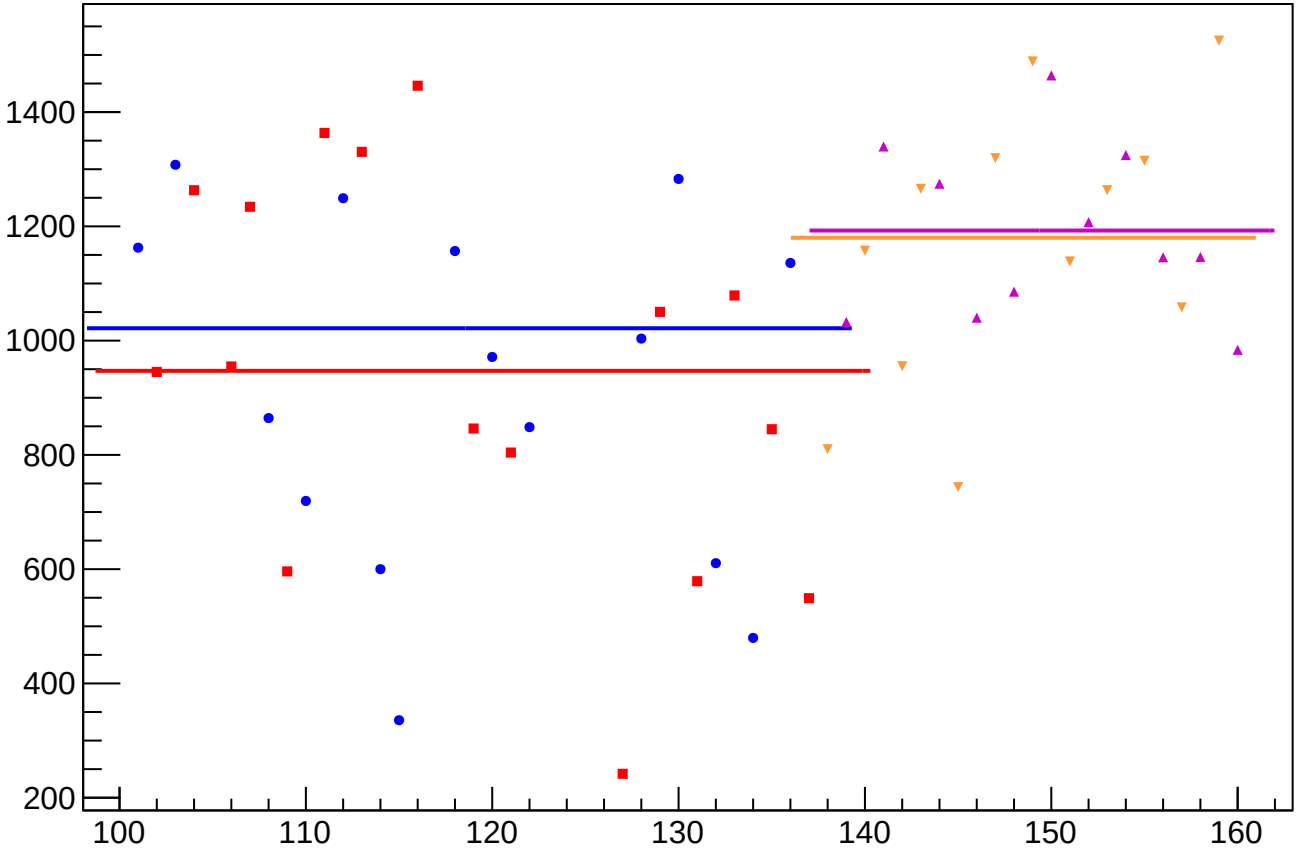
Left In: 3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938888.0/10

+ sign 2905.309+/-0.000 χ^2/NDF: 21707015926614

All: 2941.931+/-0.000 χ^2/NDF: 41605670277

- sign 2977.909+/-0.000 χ^2/NDF: 19857098184284

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

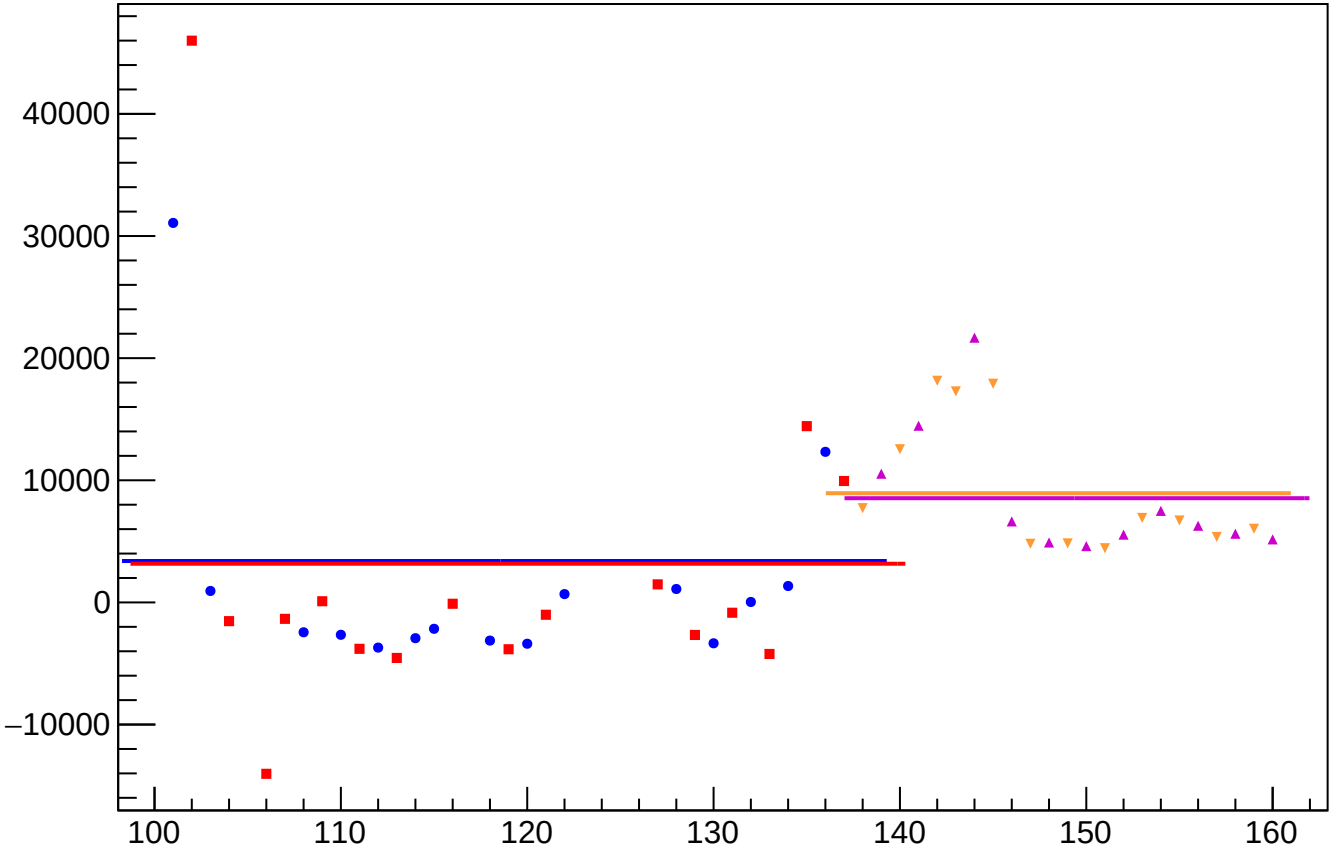
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

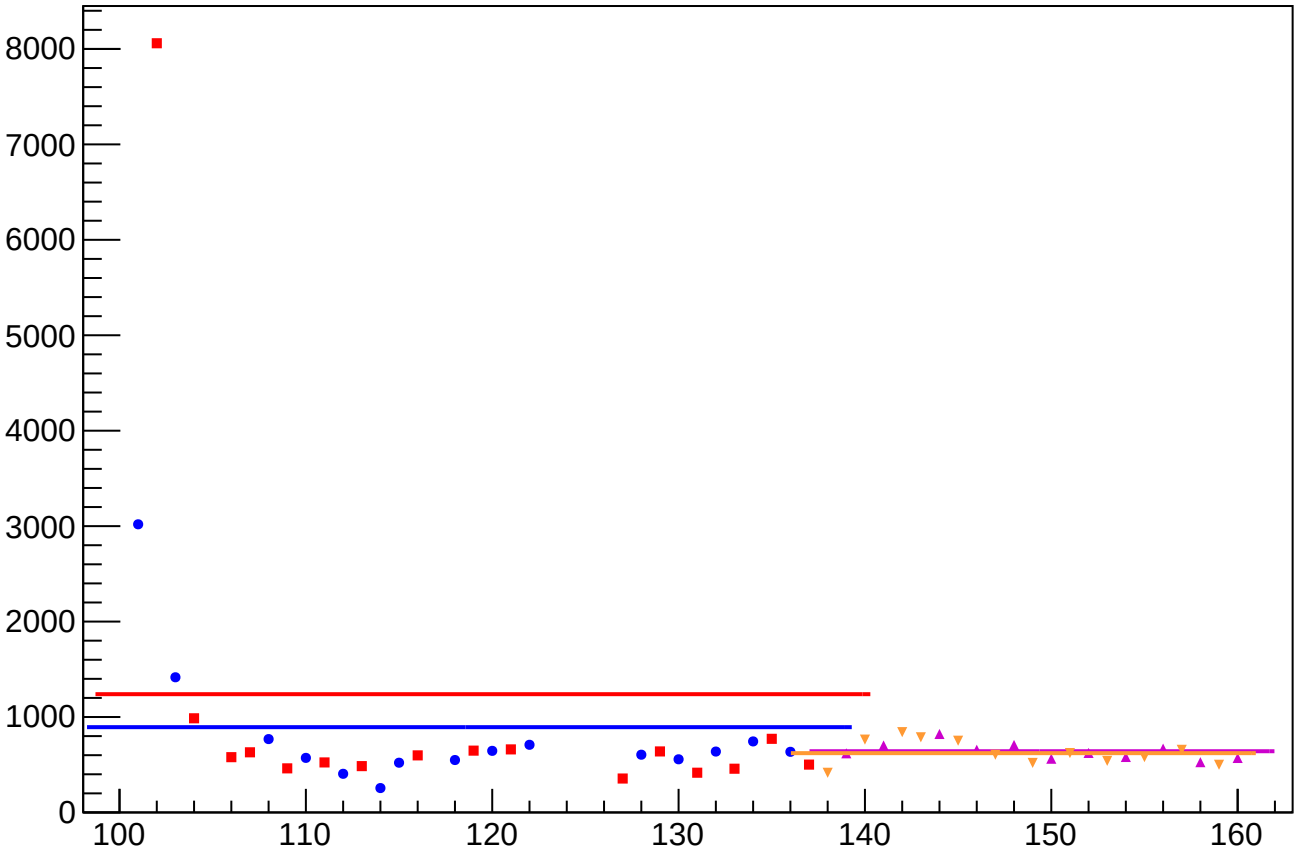
Left In: 1192.687+/-0.000 χ^2/NDF:19255287383728205662654022867381911552.0/10

dit_atr1_coil7_mean vs Slug



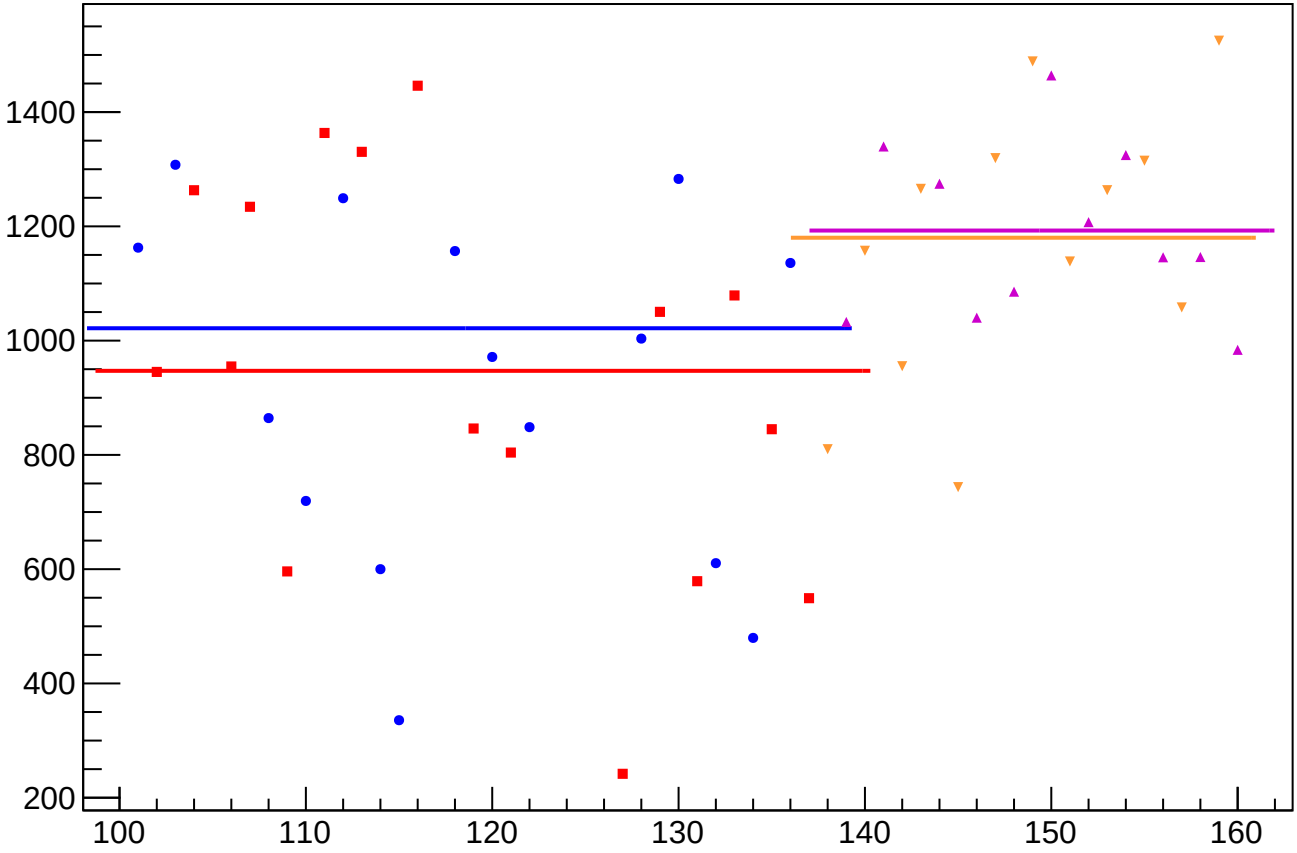
Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14
+ sign 6636.719+/-0.000 χ^2/NDF: 10032445769830
Left Out: 8941.712+/-0.000 χ^2/NDF:227575427235299768629241896288372643594 24.0/11
All: 6458.520+/-0.000 χ^2/NDF: 2736278227 8
Right Out: 3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15
- sign 6283.457+/-0.000 χ^2/NDF: 17320497250641
Left In: 8532.821+/-0.000 χ^2/NDF:242995159493802245863247375580952264704 00.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14
+ sign 734.457+/-0.000 χ^2/NDF: 375941972925027
Left Out: 621.395+/-0.000 χ^2/NDF:13220761349033595391183034930255888384.0/11
All: 813.984+/-0.000 χ^2/NDF: 351101342045
Right Out: 1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500377 6.0/15
- sign 892.111+/-0.000 χ^2/NDF: 311547484911191
Left In: 641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554355 2.0/10

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

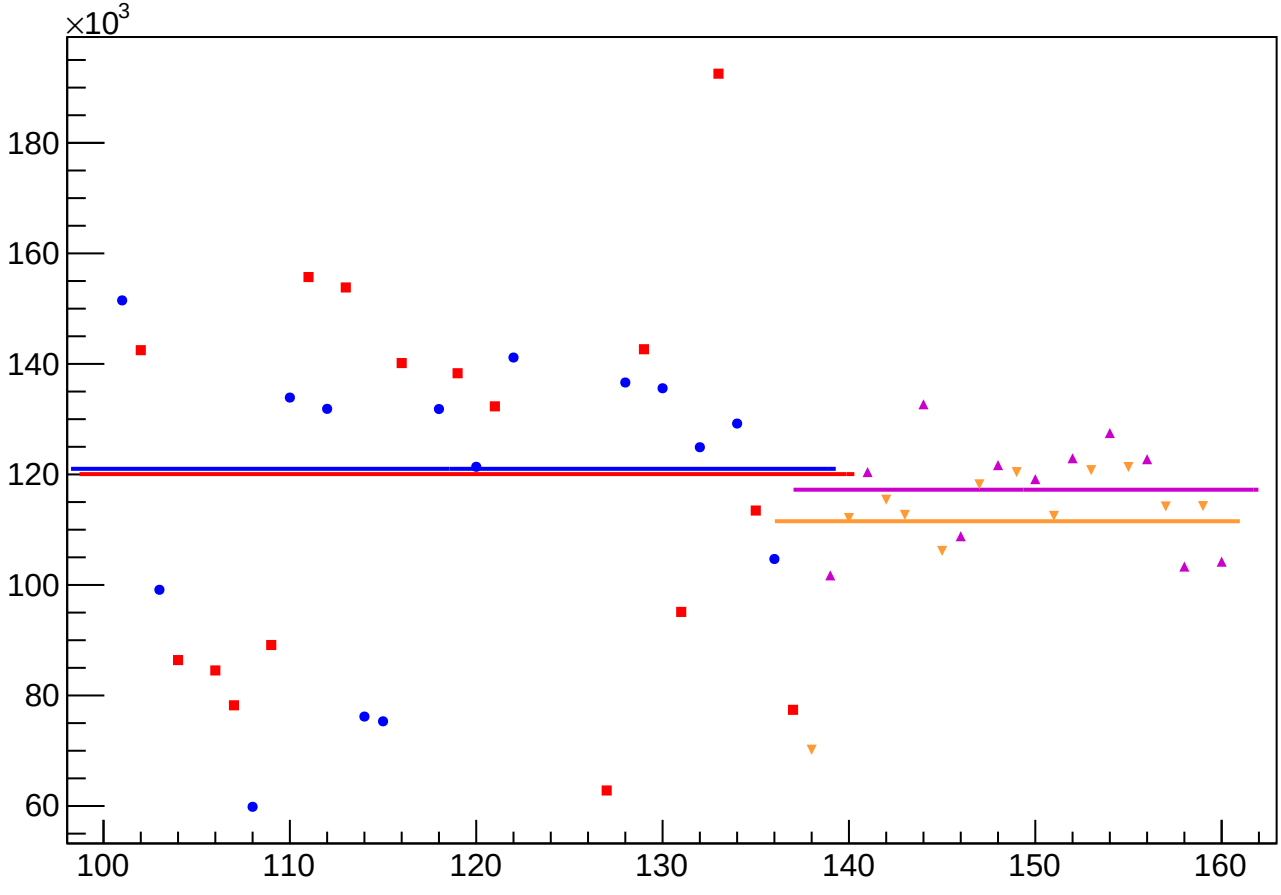
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

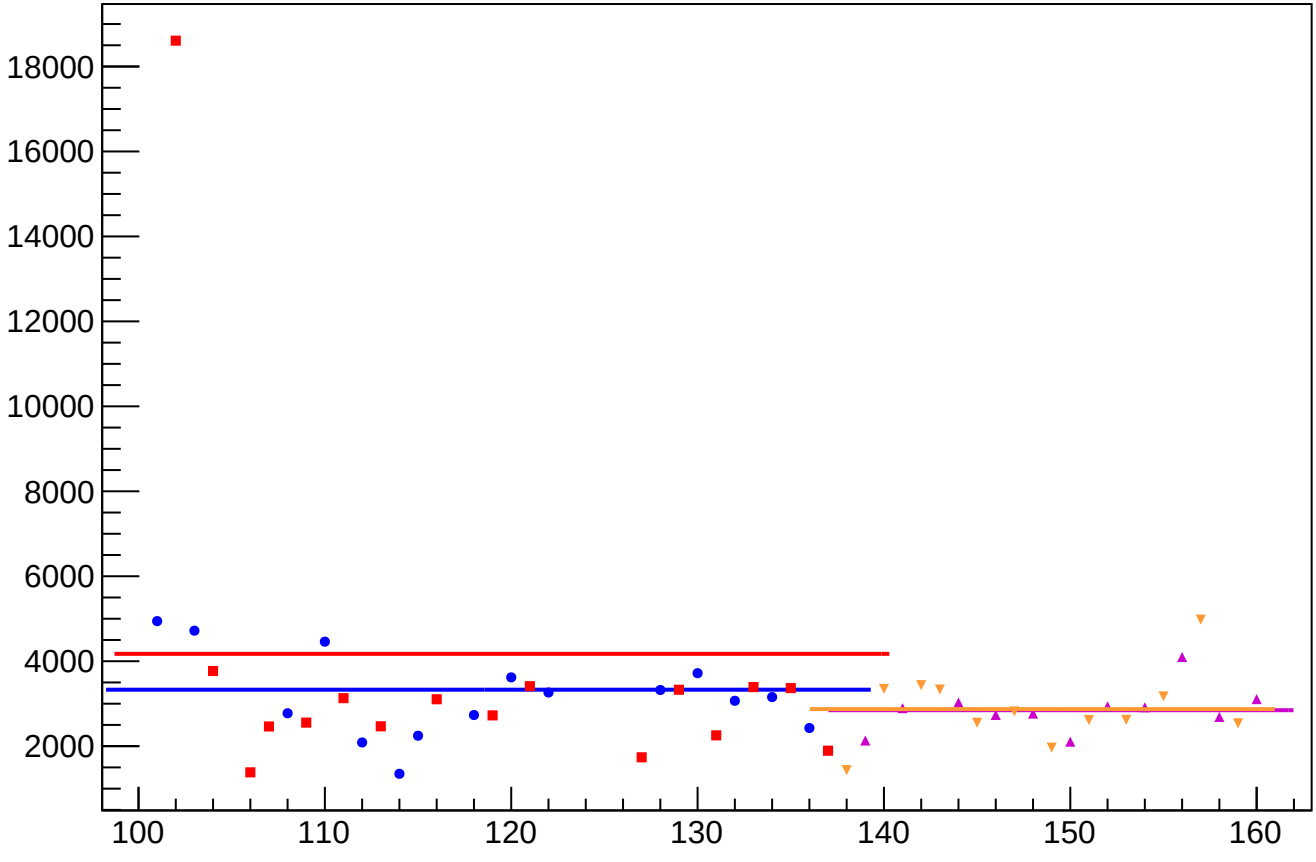
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_atr2_coil7_mean vs Slug



Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
+ sign 115470.027+/-0.000 χ^2/NDF: 555580110243
Left Out: 111531.681+/-0.000 χ^2/NDF:1627242998299219503708342464173729130741 76.0/11
All: 116958.641+/-0.000 χ^2/NDF: 14862531 7
Right Out: 120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
- sign 118421.056+/-0.000 χ^2/NDF: 923806900564
Left In: 117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

+ sign 3062.293+/-0.000 χ^2/NDF: 13091528183331

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

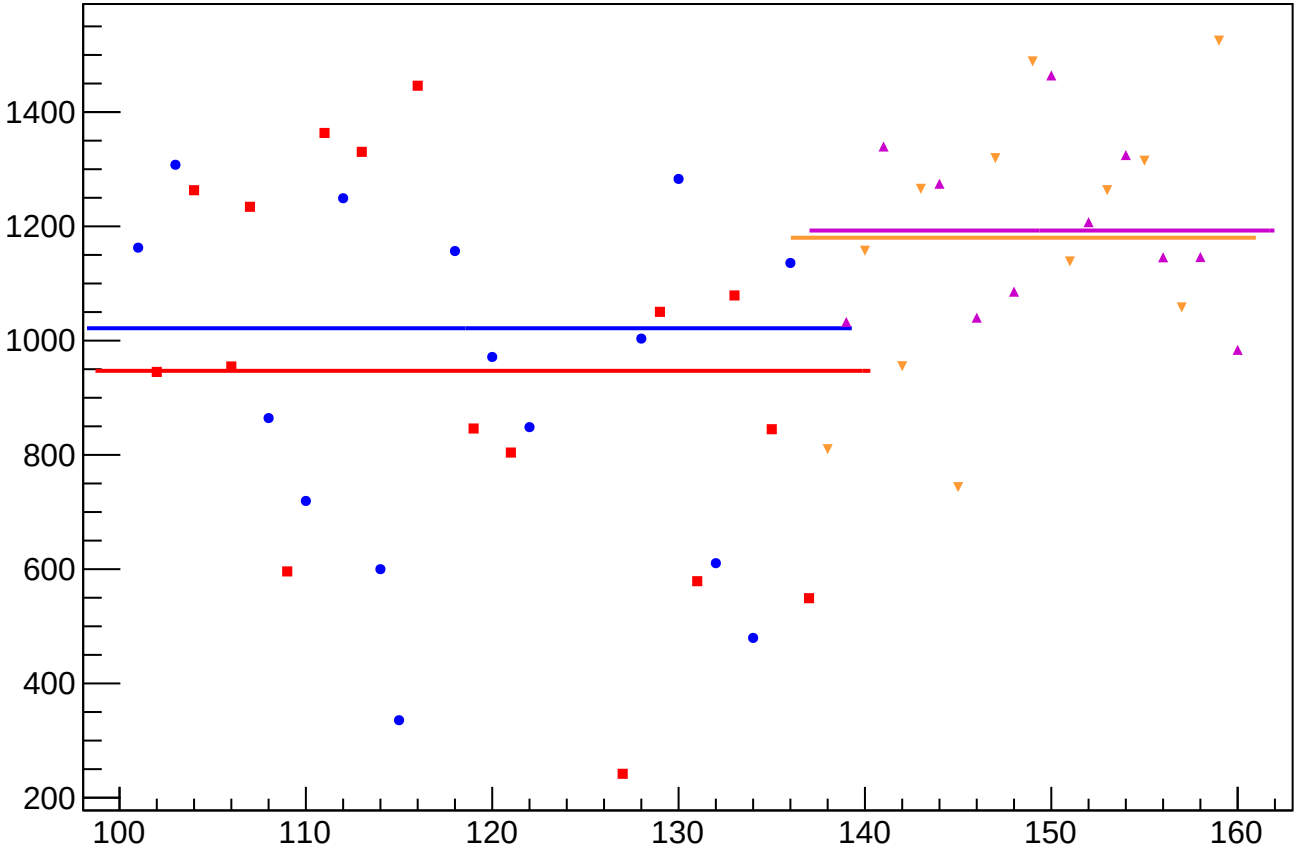
All: 3234.072+/-0.000 χ^2/NDF: 1581039287

Right Out: 4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

- sign 3402.829+/-0.000 χ^2/NDF: 14409809055061

Left In: 2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

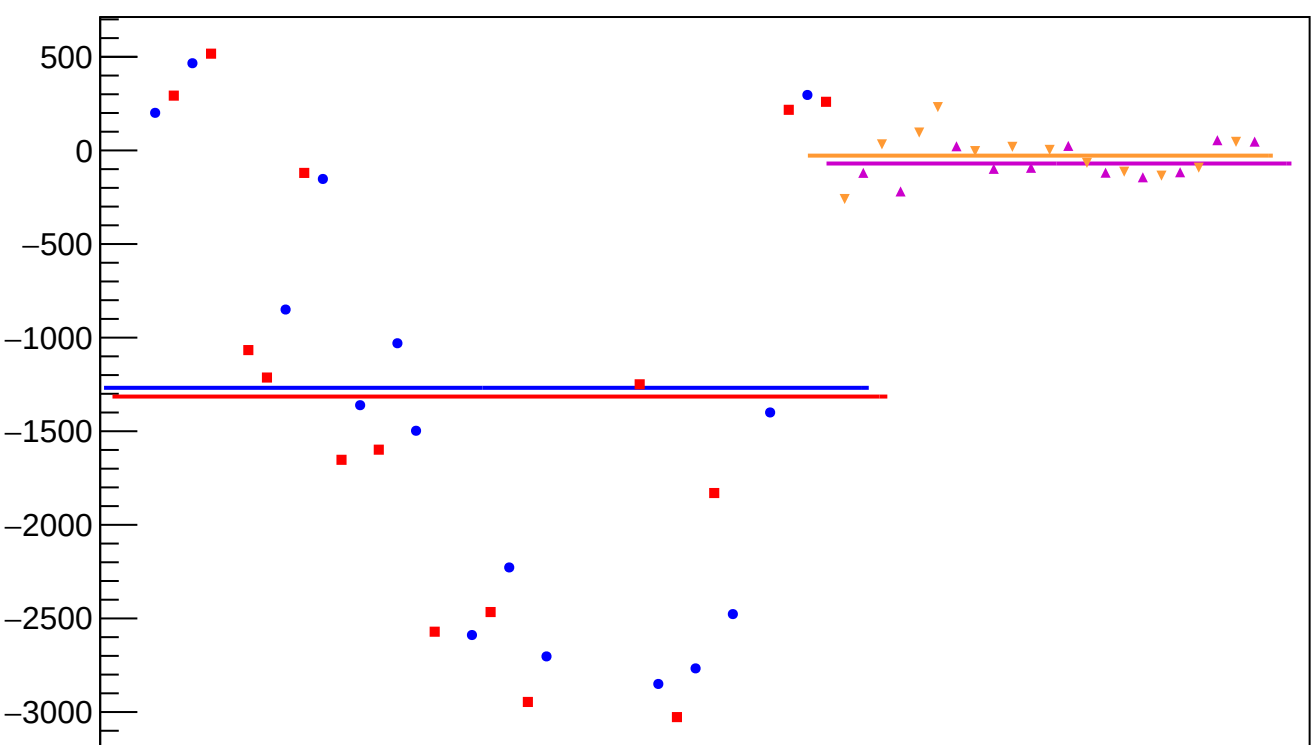
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14

+ sign -542.758+/-0.000 χ^2/NDF: 16885256839991

Left Out: -27.745+/-0.000 χ^2/NDF:124018662937763897824067331938771271 68.0/11

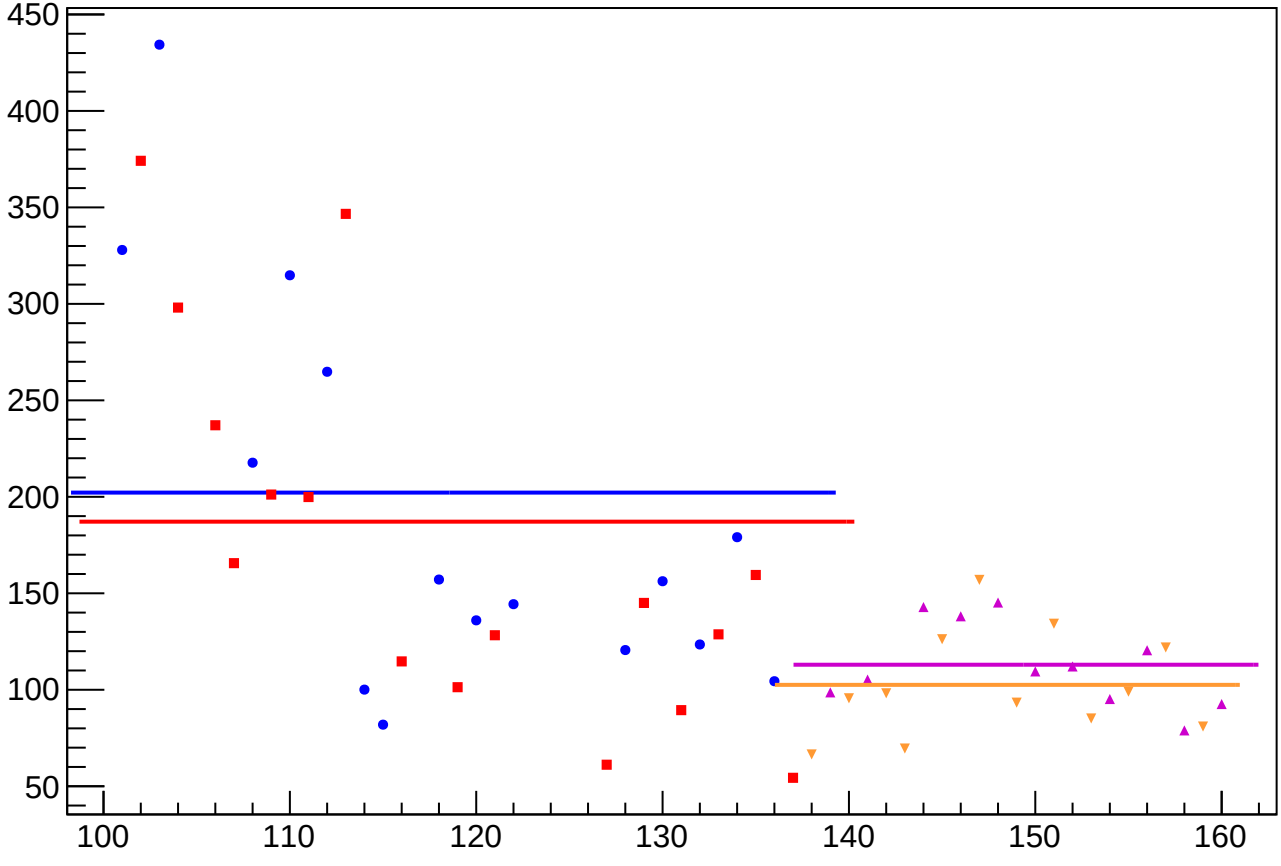
All: -567.488+/-0.000 χ^2/NDF: 33961086853

Right Out: -1314.767+/-0.000 χ^2/NDF: 109847131386407901371460937965326093516 8.0/15

- sign -591.782+/-0.000 χ^2/NDF: 17056880683273 5

Left In: -69.887+/-0.000 χ^2/NDF:689672905510609549267529077554465996 8.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

Right Out: 187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

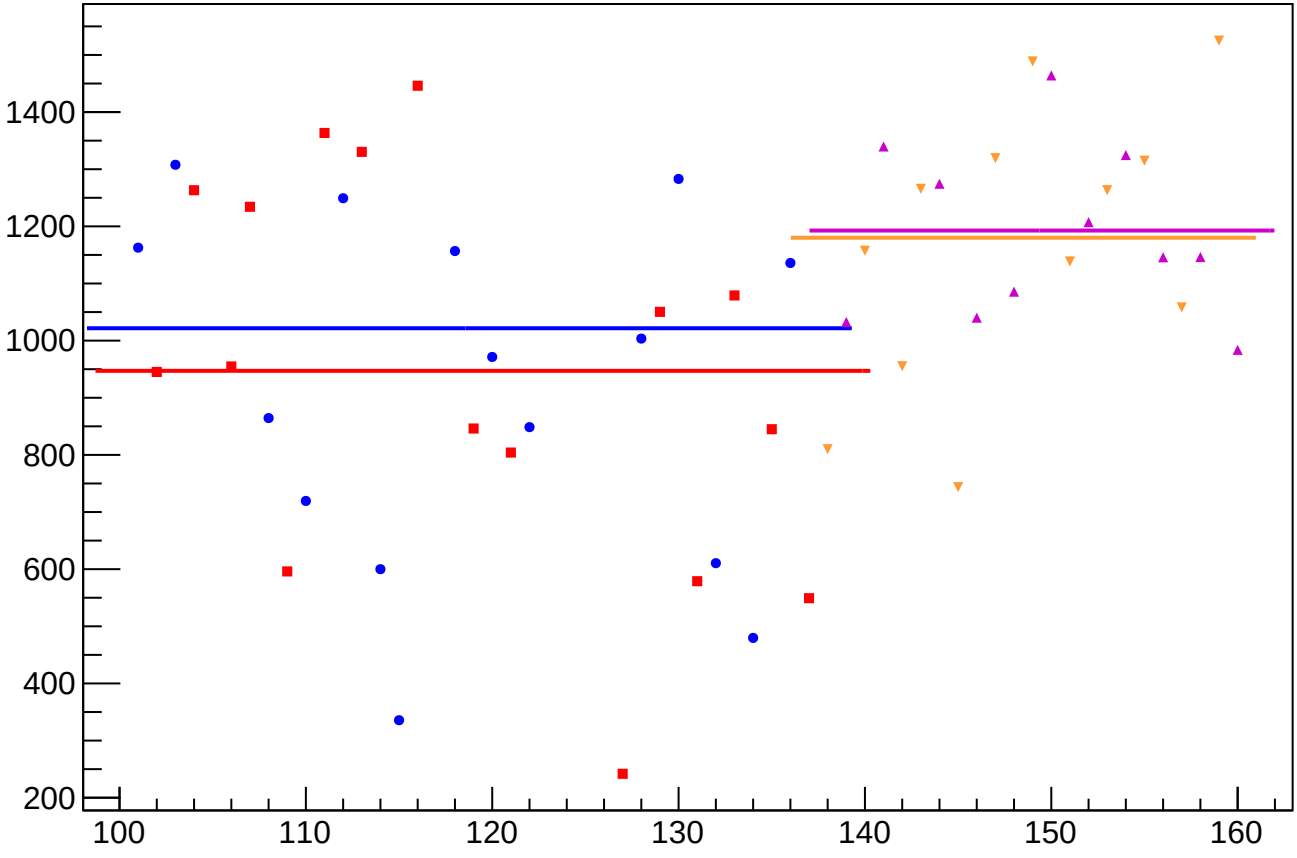
Left In: 112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

+ sign 143.922+/-0.000 χ^2/NDF: 114280634979740

All: 143.994+/-0.000 χ^2/NDF: 20186723766

- sign 144.065+/-0.000 χ^2/NDF: 875864401174807

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

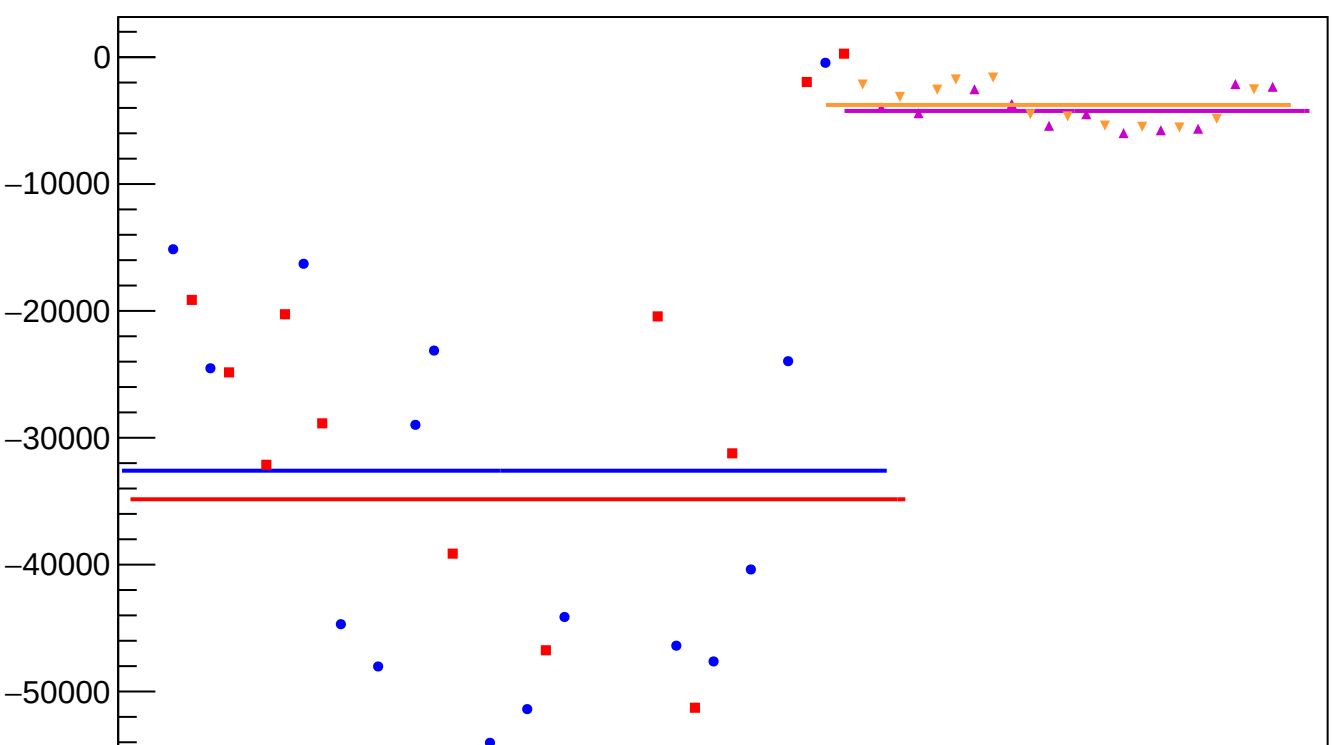
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

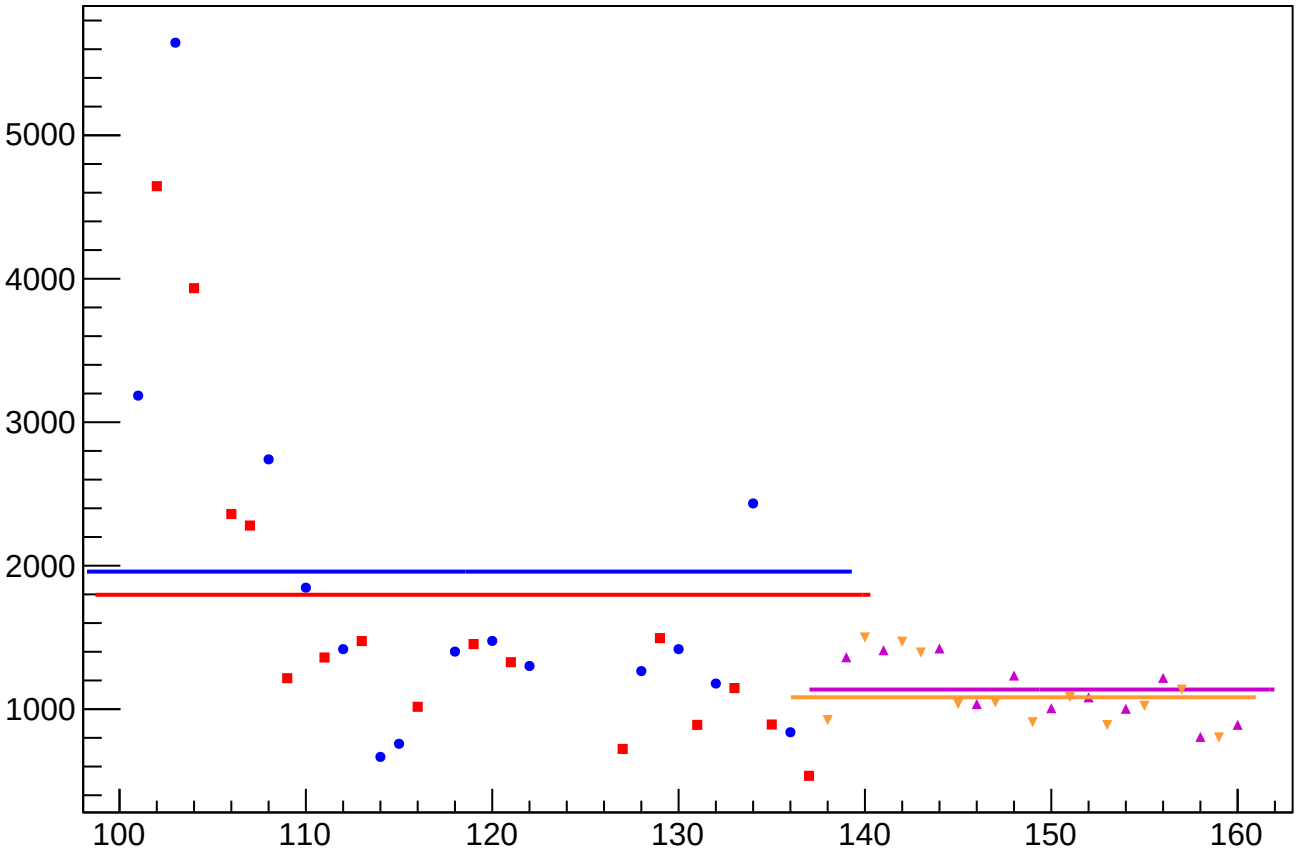
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam2_coil7_mean vs Slug



Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
+ sign -15735.844+/-0.000 χ^2/NDF: 526567009410
Left Out: -3764.764+/-0.000 χ^2/NDF:196909765148126713372068659345037354598 4.0/11
All: -16409.443+/-0.000 χ^2/NDF: 111371622
Right Out: -34848.046+/-0.000 χ^2/NDF: 221127702024811719232559434097324967591936.0/15
- sign -17071.187+/-0.000 χ^2/NDF: 5857433226583
Left In: -4238.758+/-0.000 χ^2/NDF:167625887746606747174628306712503359897 6.0/10

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

+ sign 1446.535+/-0.000 χ^2/NDF: 15230348570712

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

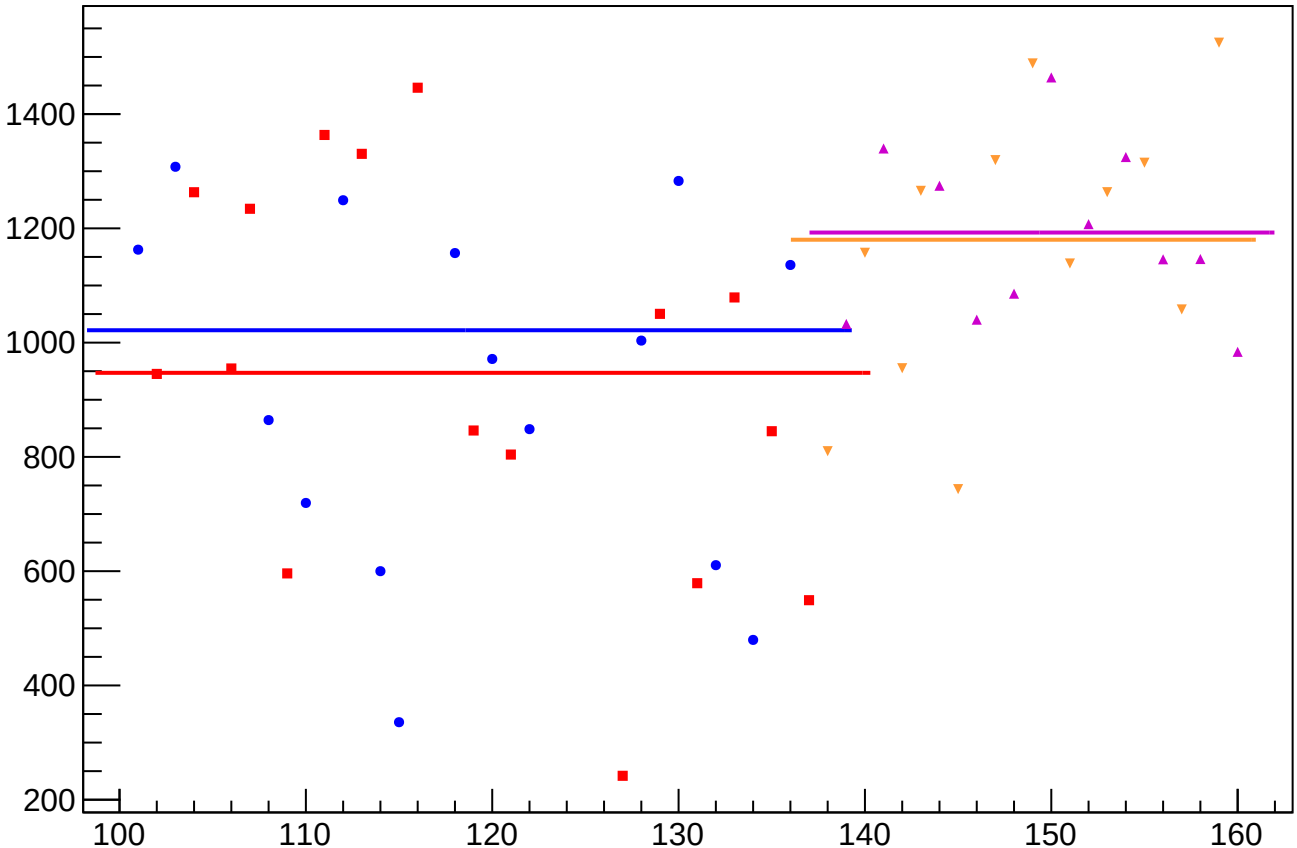
All: 1429.975+/-0.000 χ^2/NDF: 2684715334 1

Right Out: 1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

- sign 1413.706+/-0.000 χ^2/NDF: 11608307427850

Left In: 1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

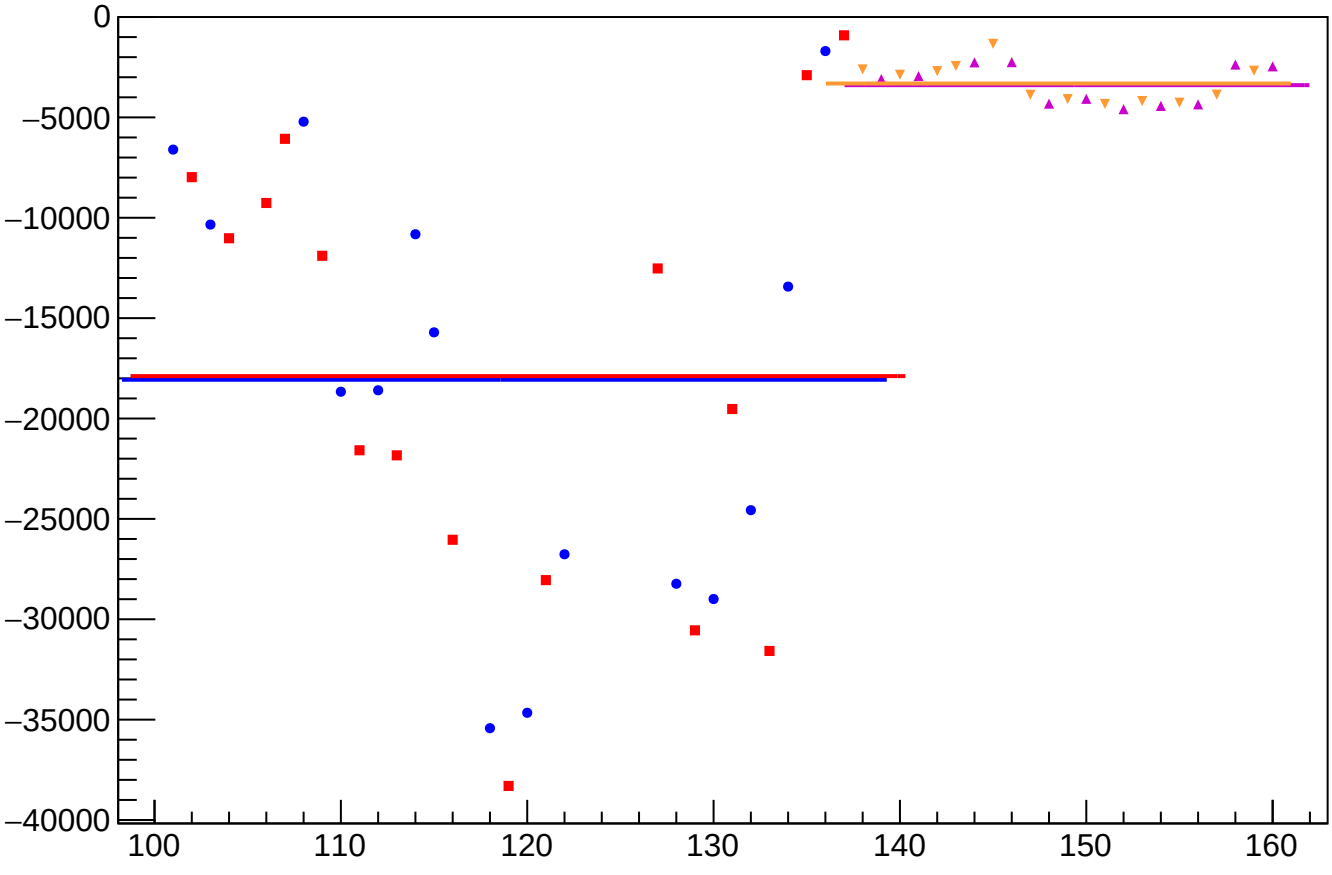
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

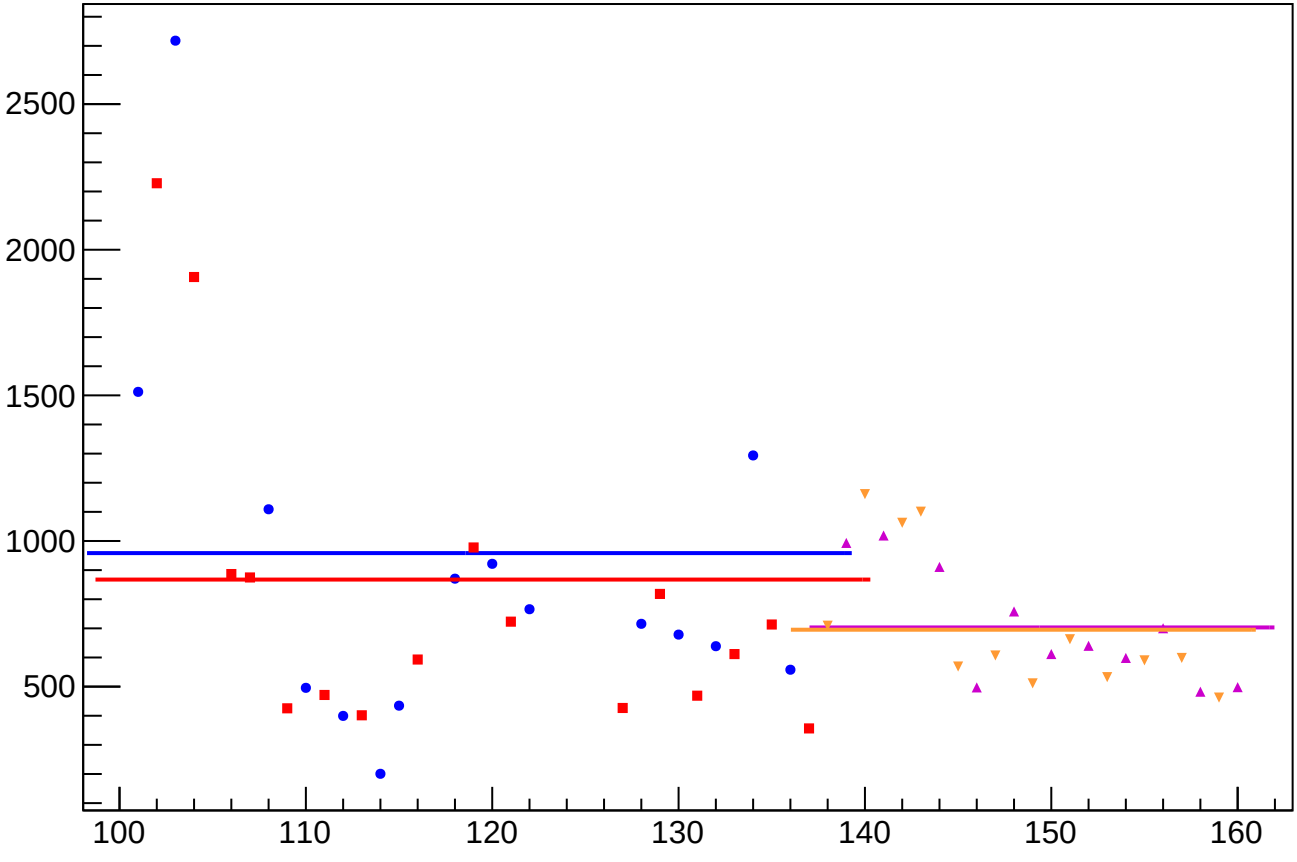
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
+ sign -9439.320+/-0.000 χ^2/NDF: 1677312300640
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
All: -9455.112+/-0.000 χ^2/NDF: 3283182119
Right Out: -17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
- sign -9470.625+/-0.000 χ^2/NDF: 1605862092635 7
Left In: -3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

+ sign 804.584+/-0.000 χ^2/NDF: 338998928620433

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

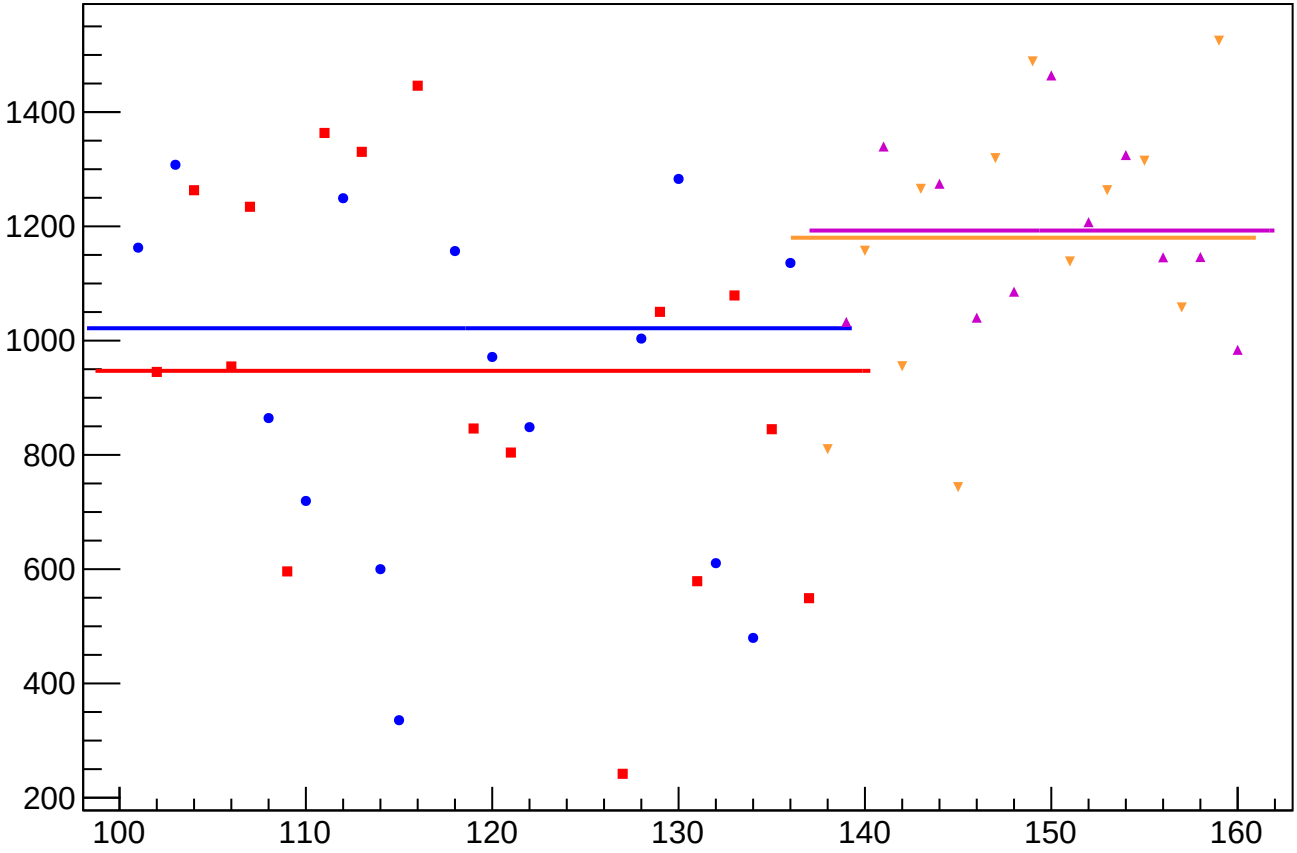
All: 788.186+/-0.000 χ^2/NDF: 5984680249 63

Right Out: 867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

- sign 772.078+/-0.000 χ^2/NDF: 258636009193620

Left In: 703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

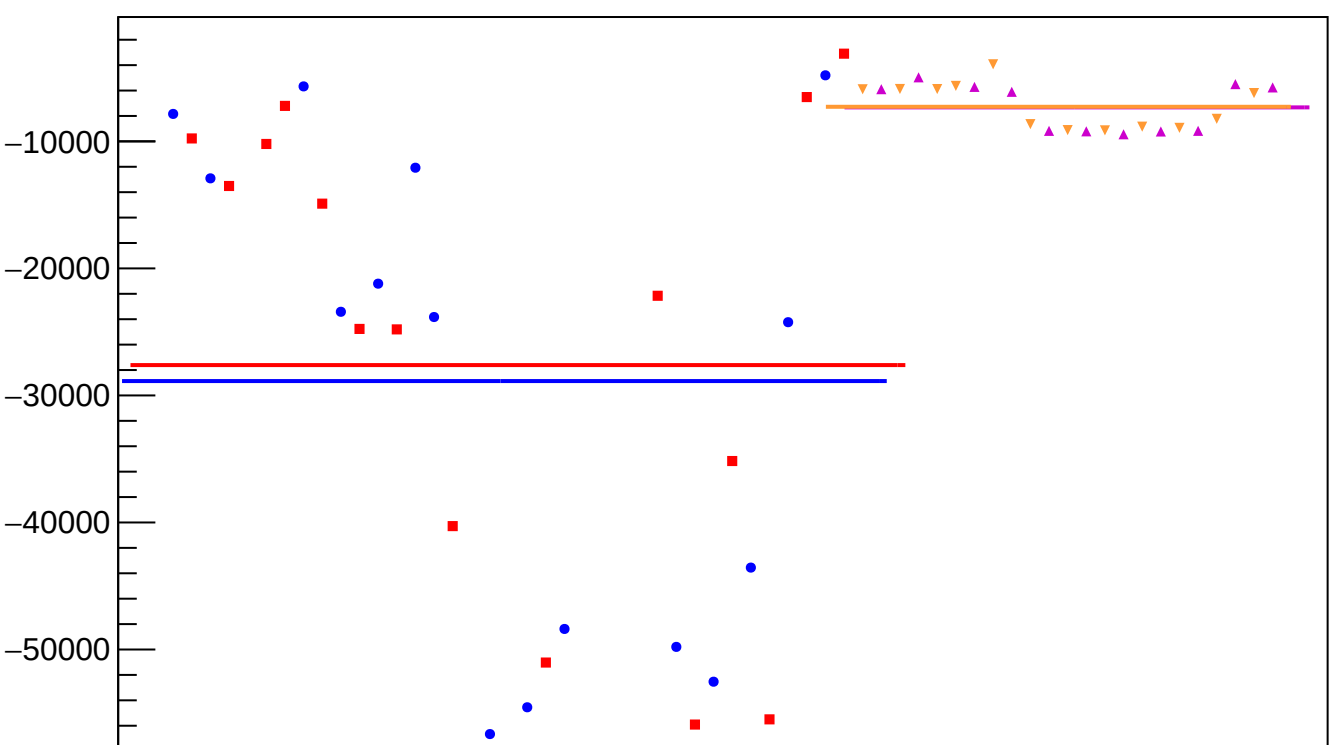
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14

+ sign -16242.946+/-0.000 χ^2/NDF: 441105467605

Left Out: -7277.886+/-0.000 χ^2/NDF:2738867305918098068317388239234104557568.0/11

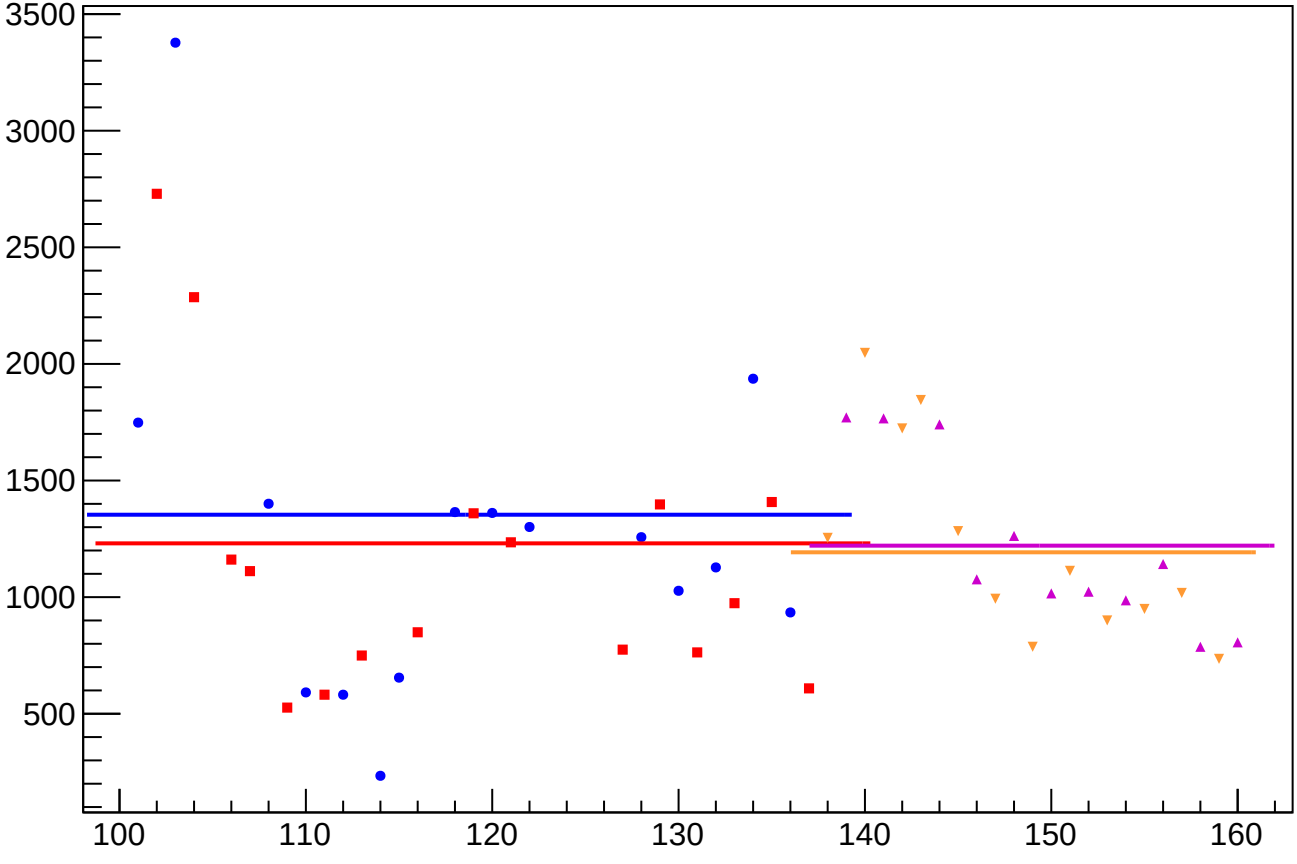
All: -16034.416+/-0.000 χ^2/NDF: 851792093

Right Out: -27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15

- sign -15829.556+/-0.000 χ^2/NDF: 410551888967

Left In: -7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

+ sign 1259.184+/-0.000 χ^2/NDF: 5136360923482 1

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

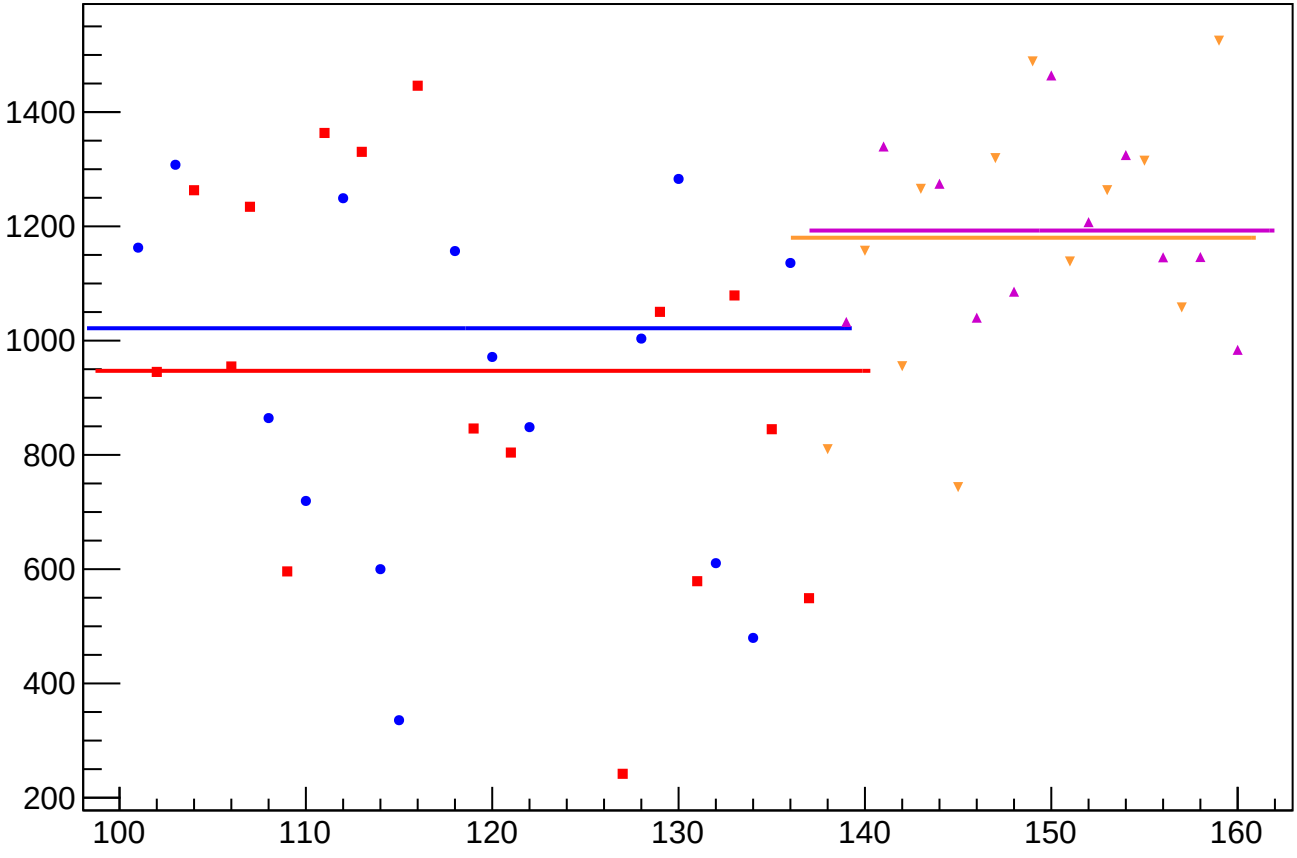
All: 1241.889+/-0.000 χ^2/NDF: 9078869434 7

Right Out: 1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

- sign 1224.899+/-0.000 χ^2/NDF: 39332410450392

Left In: 1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

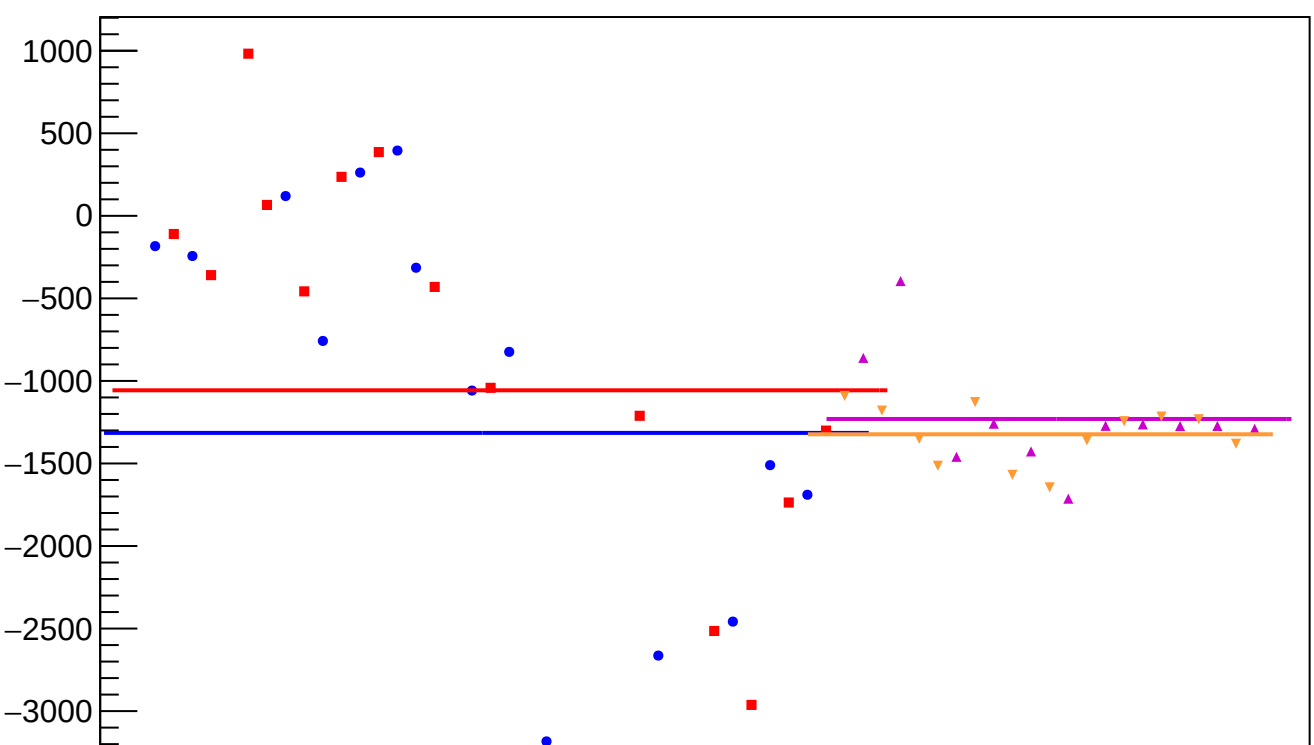
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

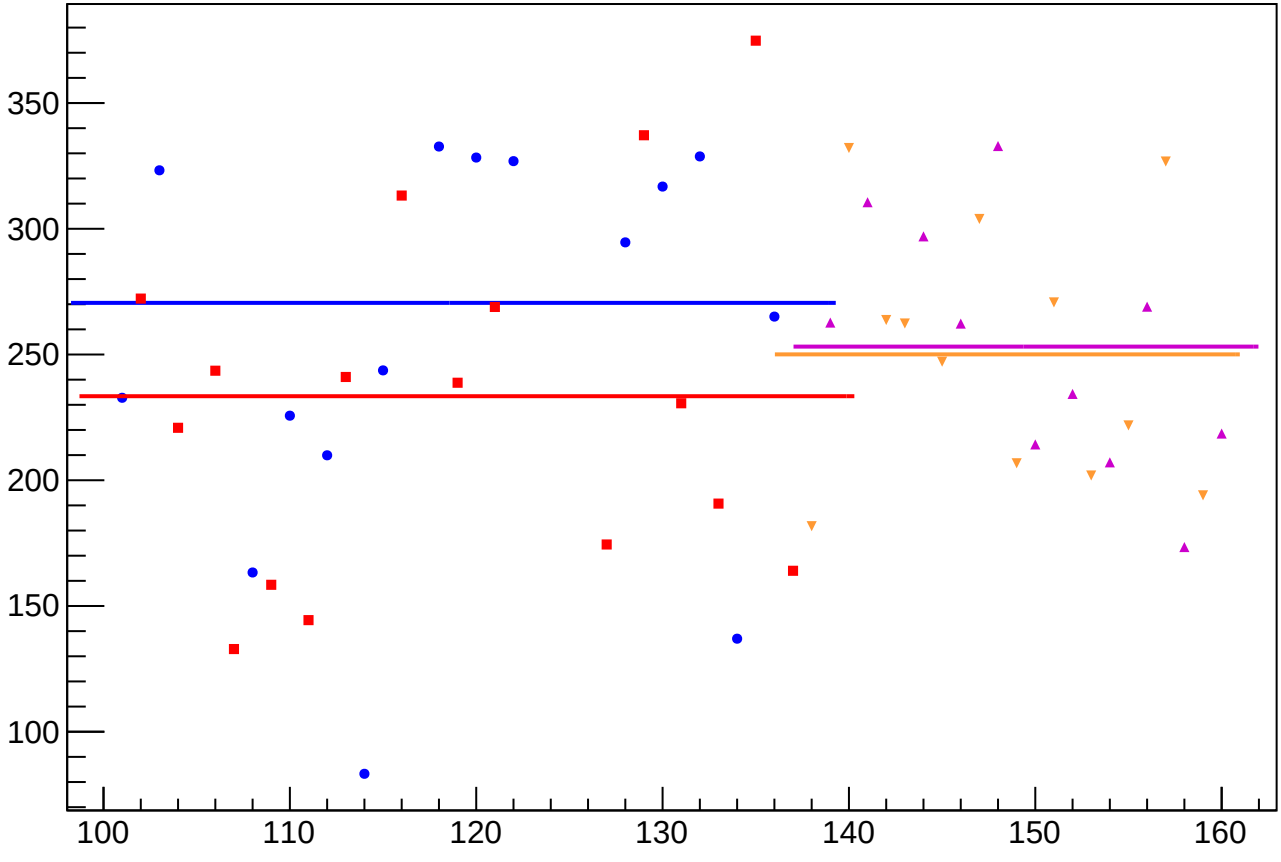
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14
+ sign -1319.671+/-0.000 χ^2/NDF: 9932894812646
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
All: -1237.928+/-0.000 χ^2/NDF: 2253249413
Right Out: -1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15
- sign -1157.624+/-0.000 χ^2/NDF: 1239256161678
Left In: -1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205 05344.0/10

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Left Out: 250.055+/-0.000 χ^2/NDF:2329396041694824766683600755668025344.0/11

Right Out: 233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

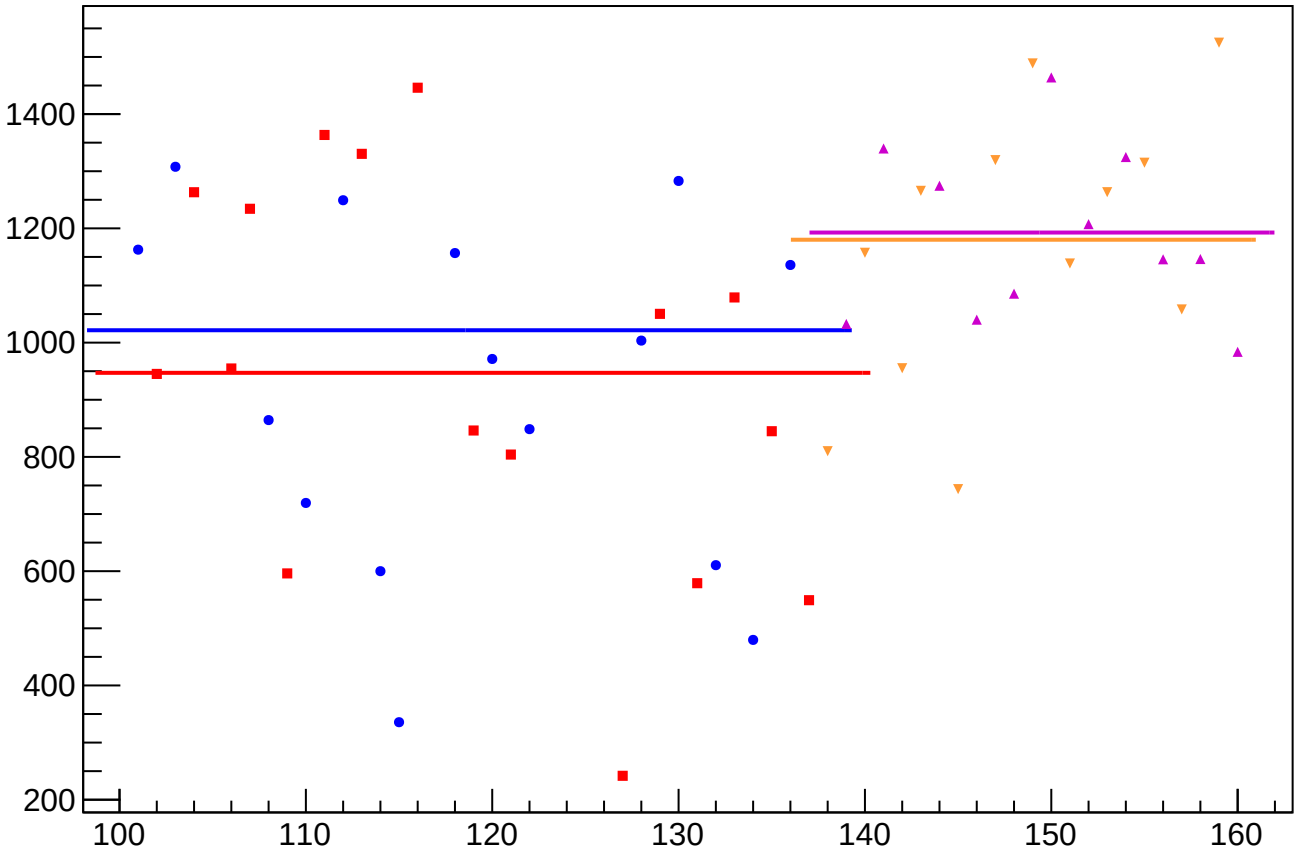
Left In: 253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

+ sign 258.560+/-0.000 χ^2/NDF: 496246110495273

All: 251.658+/-0.000 χ^2/NDF: 10289533435

- sign 244.876+/-0.000 χ^2/NDF: 517943608917736

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

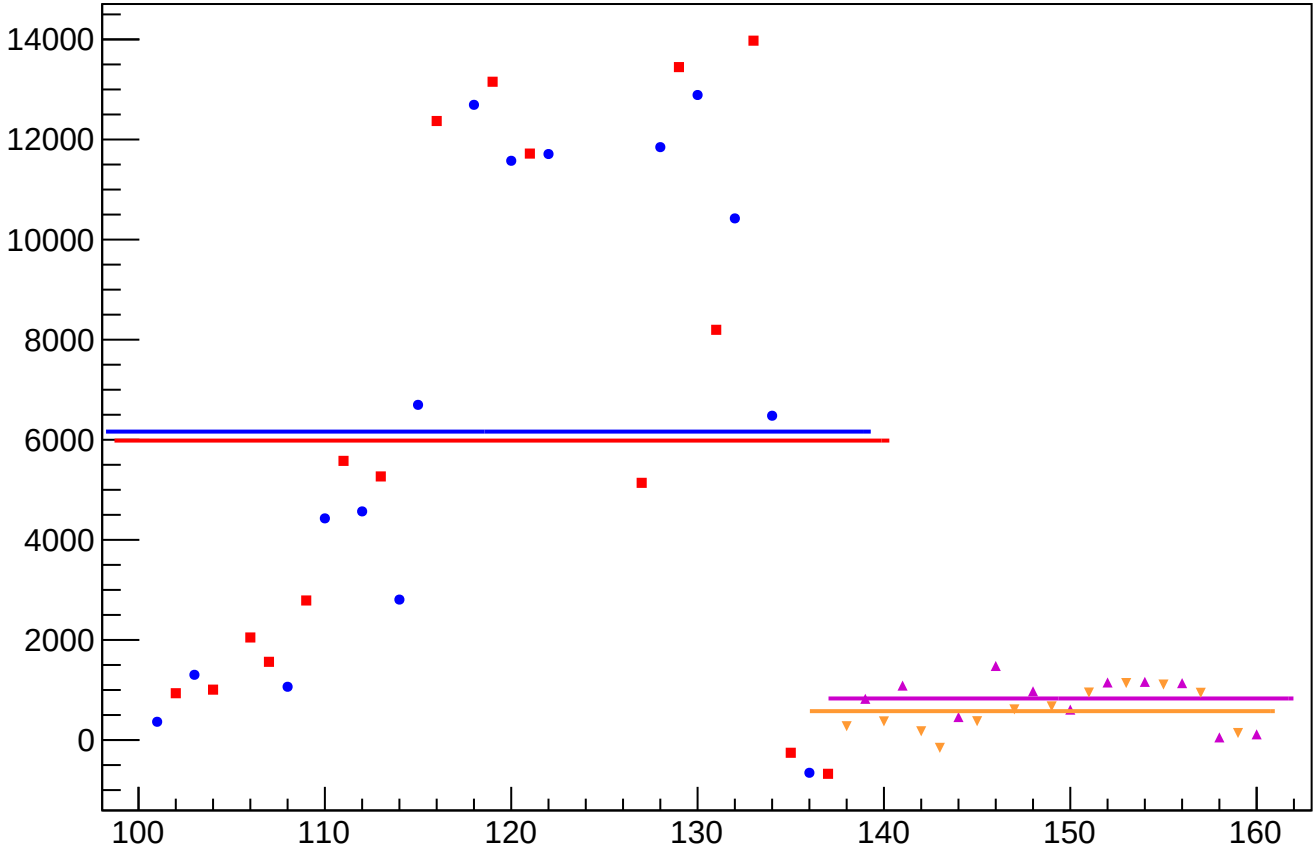
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14

+ sign 2896.810+/-0.000 χ^2/NDF: 30187505563734

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

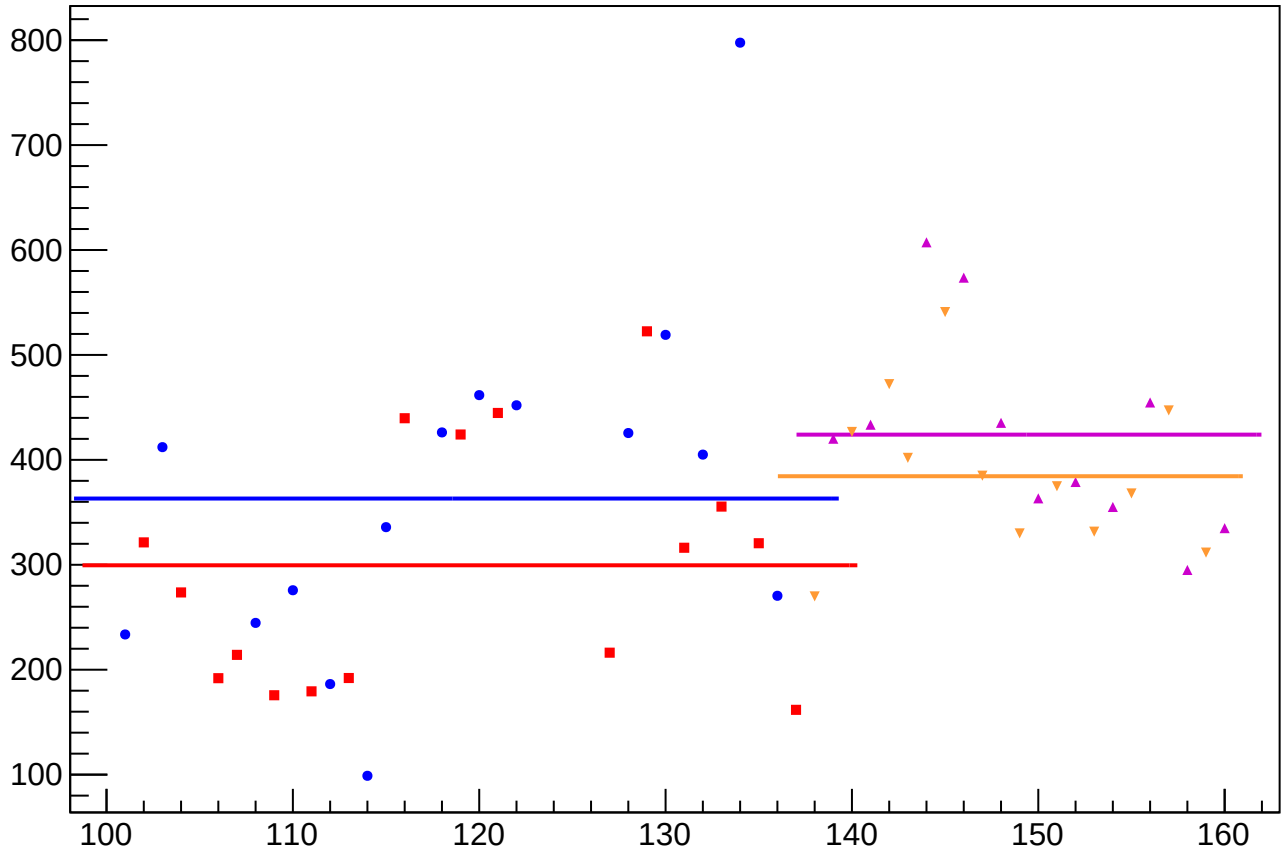
All: 2944.332+/-0.000 χ^2/NDF: 5815922787 8

Right Out: 5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

- sign 2991.017+/-0.000 χ^2/NDF: 27964724924864

Left In: 830.587+/-0.000 χ^2/NDF:1723370924037262731973560206151280230 40.0/10

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF: 115027916970764564264359982779953315 84.0/14

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

Right Out: 299.514+/-0.000 χ^2/NDF: 76854973187442252183546528289846722 56.0/15

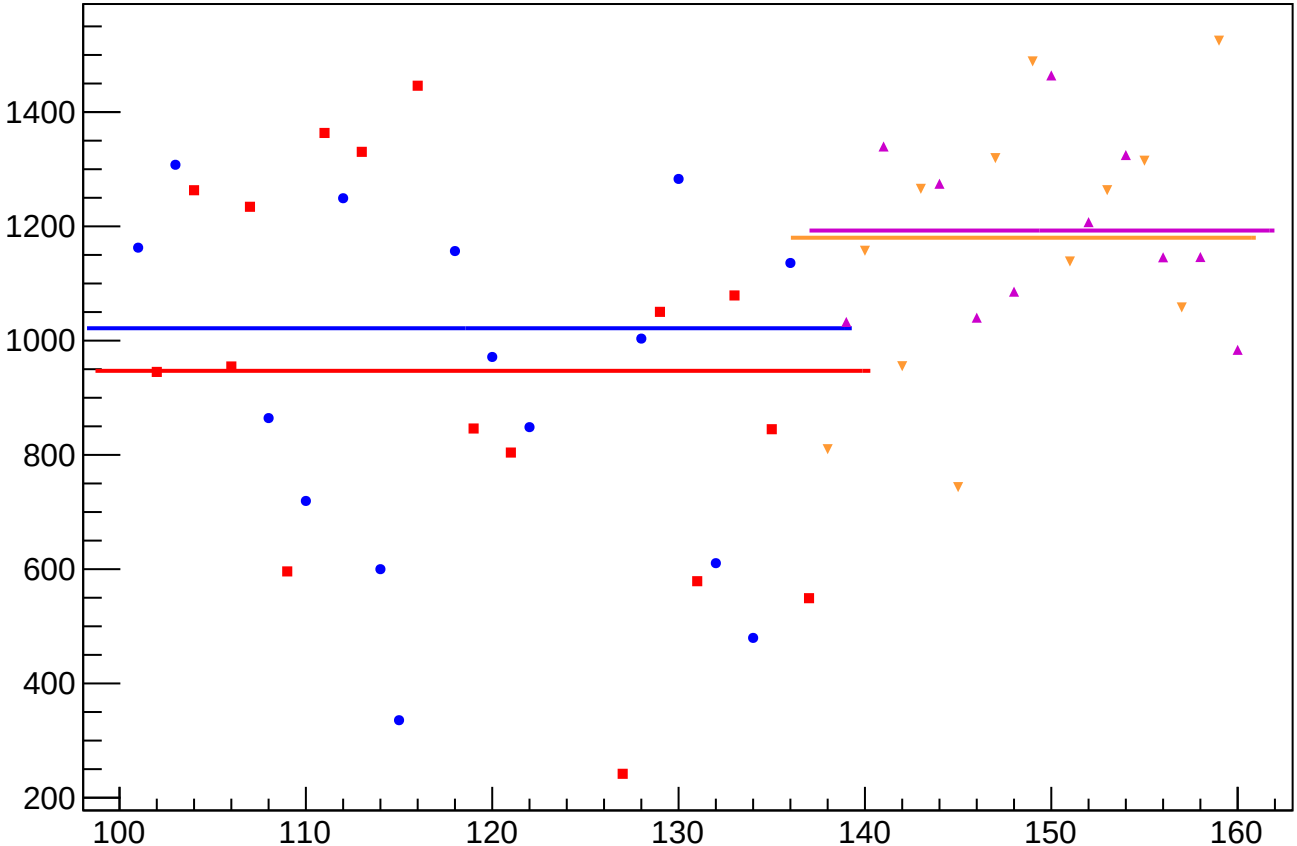
Left In: 424.034+/-0.000 χ^2/NDF:781289423171808610624109486888137523 2.0/10

+ sign 375.568+/-0.000 χ^2/NDF: 16377739422265 1

All: 373.683+/-0.000 χ^2/NDF: 3789335787 34

- sign 371.831+/-0.000 χ^2/NDF: 215046104489711

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

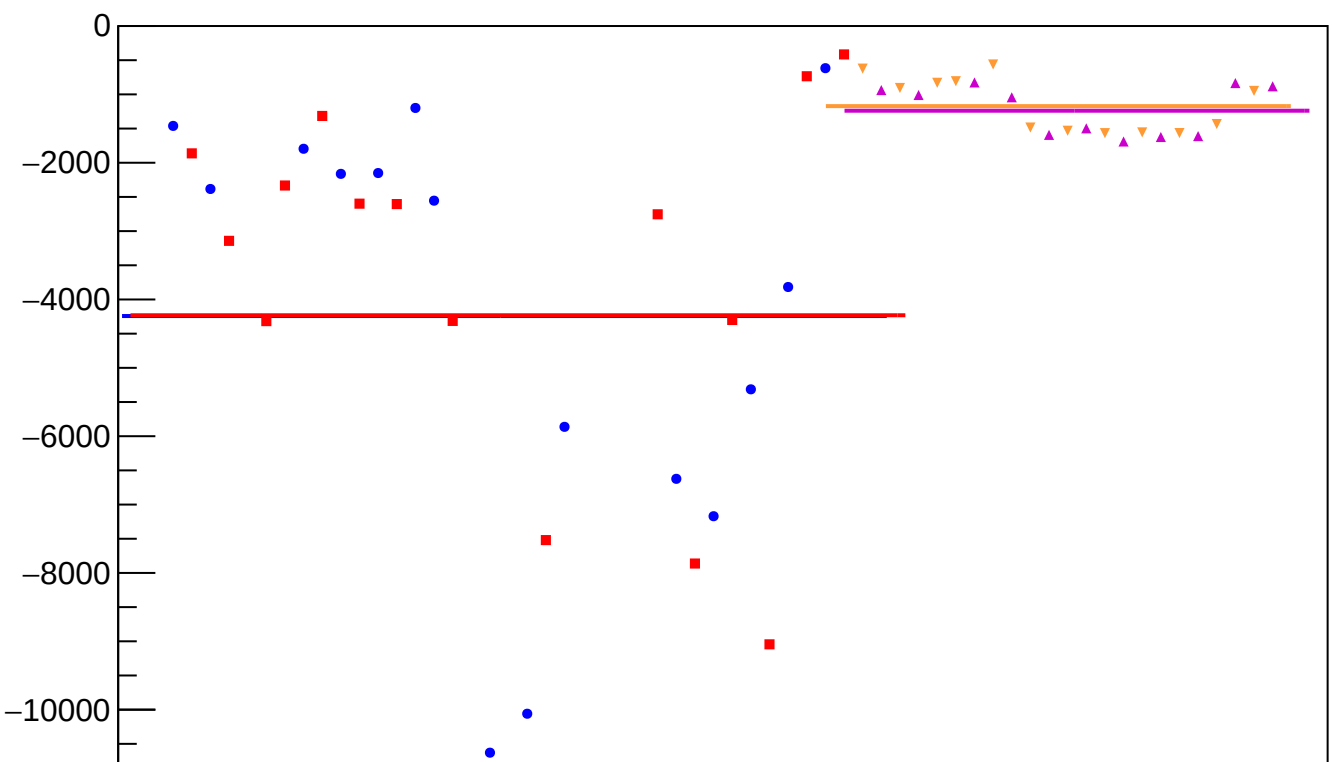
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

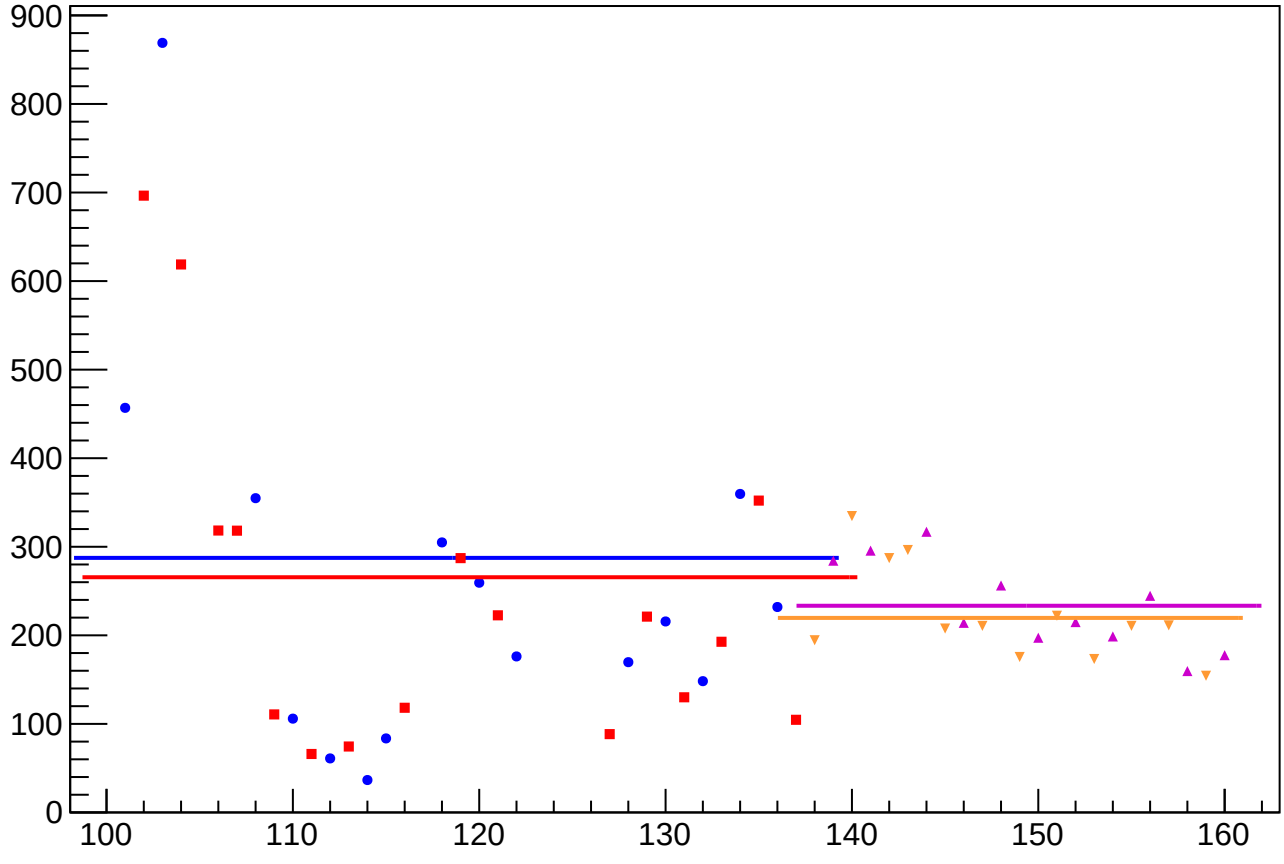
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14
+ sign -2446.693+/-0.000 χ^2/NDF: 1049869951463
Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11
All: -2470.156+/-0.000 χ^2/NDF: 2076239631
Right Out: -4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15
- sign -2493.207+/-0.000 χ^2/NDF: 10261991032463
Left In: -1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

Left Out: 219.672+/-0.000 χ^2/NDF:245550752267692676232869241918010163 2.0/11

Right Out: 265.593+/-0.000 χ^2/NDF: 25843263106329059274985499259066908672.0/15

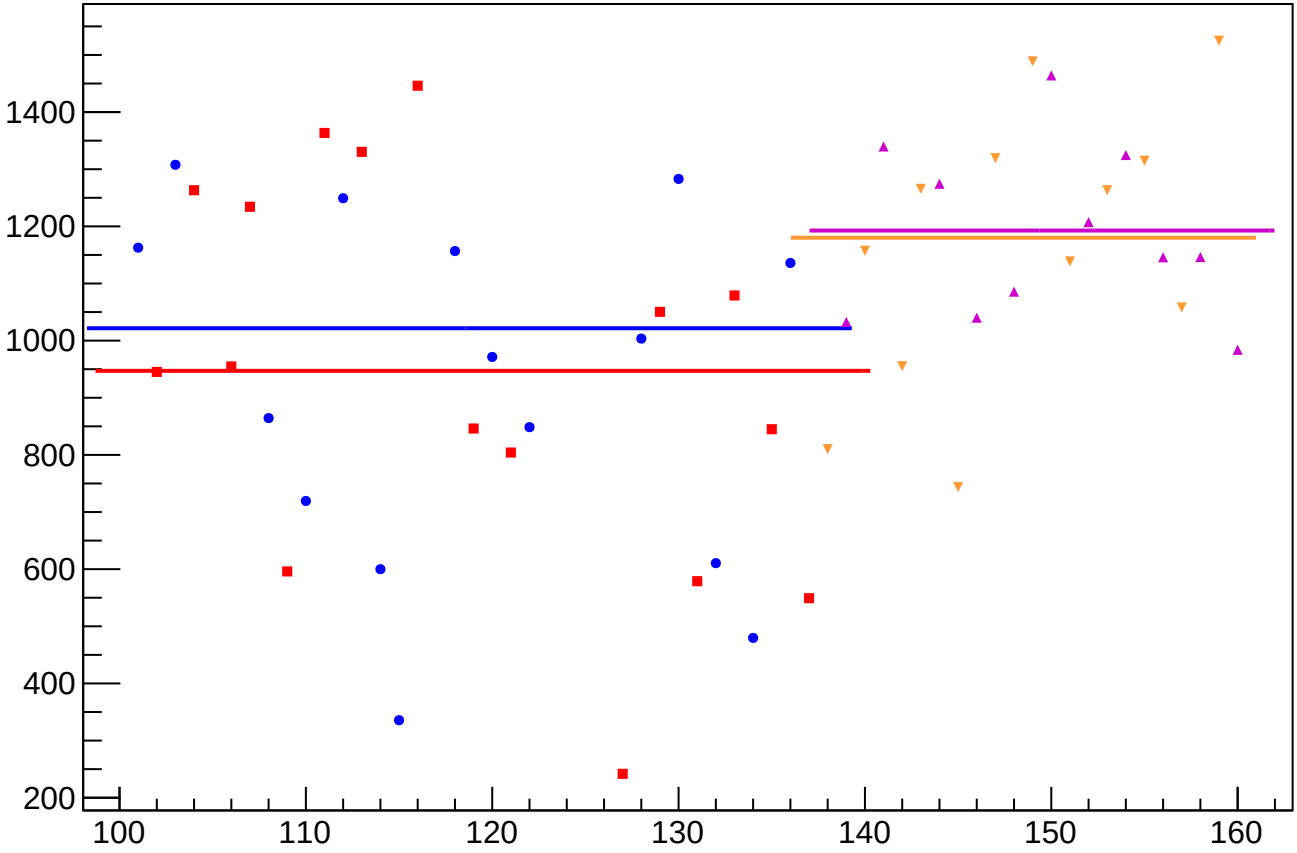
Left In: 233.397+/-0.000 χ^2/NDF:217134173798935923775359976649995 0592.0/10

+ sign 247.819+/-0.000 χ^2/NDF: 33716502024544 6

All: 247.353+/-0.000 χ^2/NDF: 6213331610 36

- sign 246.895+/-0.000 χ^2/NDF: 284161399961778

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

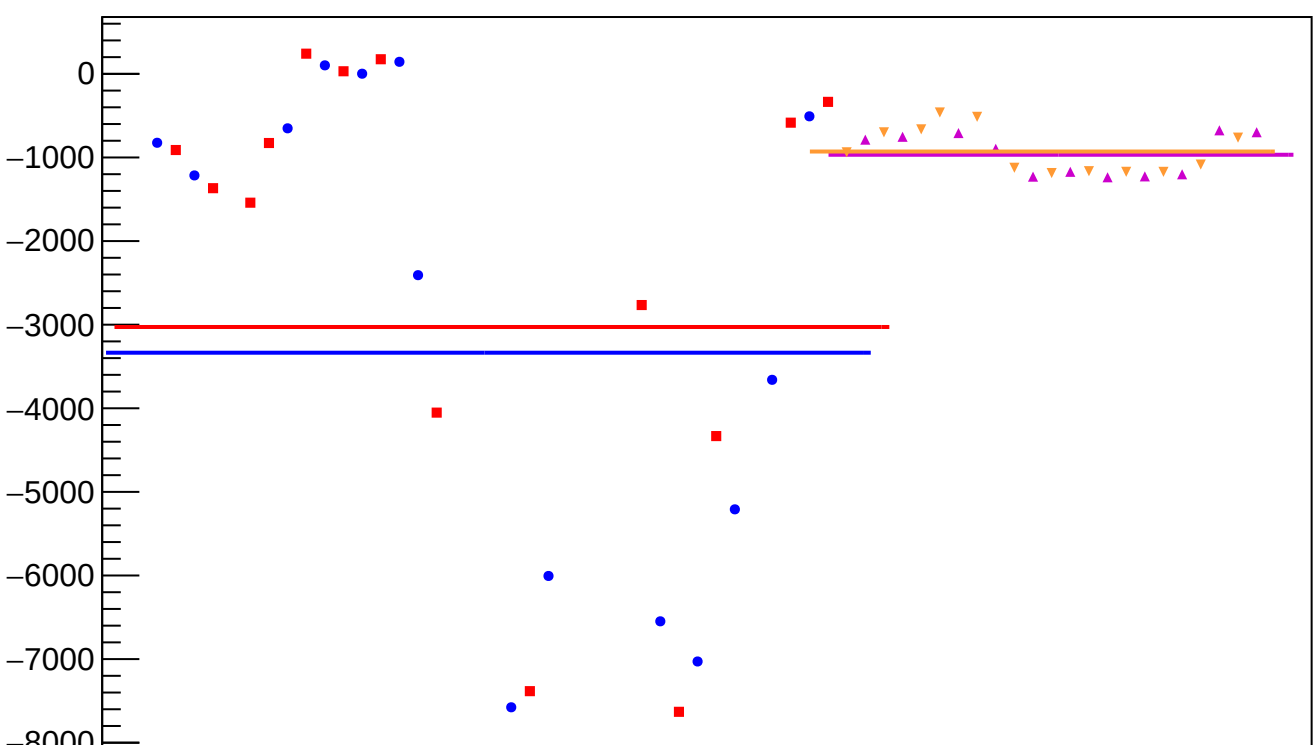
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

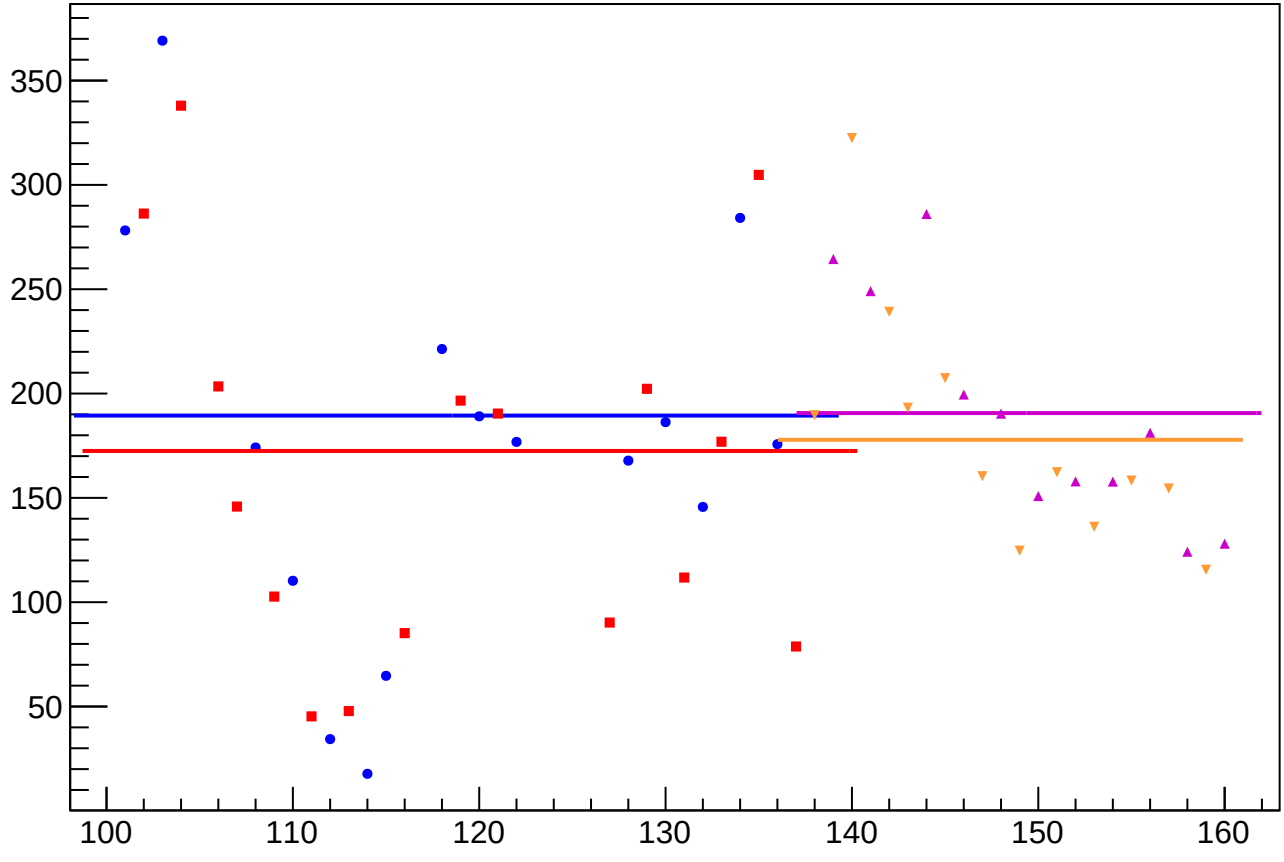
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam8_coil7_mean vs Slug



Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
+ sign -1928.069+/-0.000 χ^2/NDF: 8598052081097
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
All: -1879.206+/-0.000 χ^2/NDF: 1738697442
Right Out: -3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
- sign -1831.203+/-0.000 χ^2/NDF: 8781524392248 3
Left In: -967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

+ sign 182.640+/-0.000 χ^2/NDF: 755196649084906

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

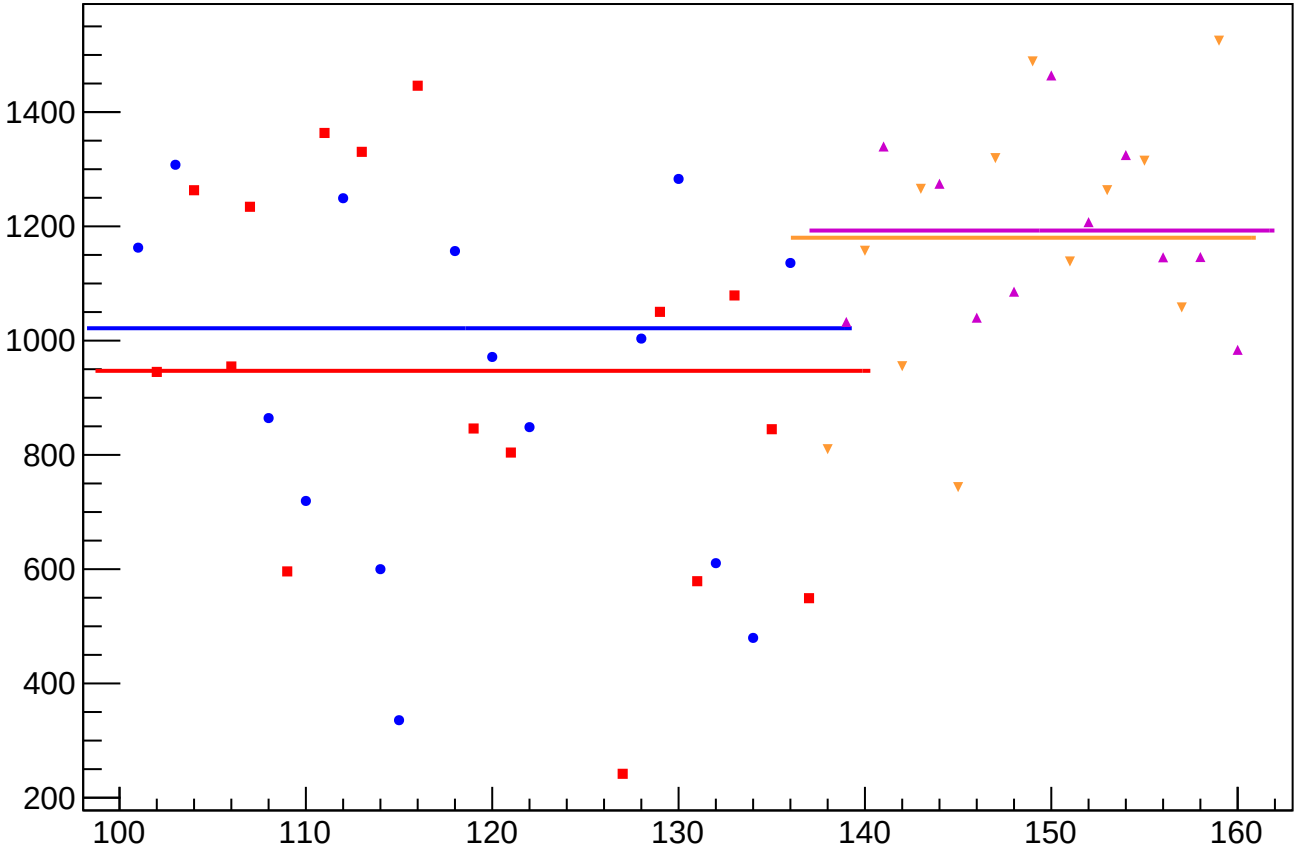
All: 182.836+/-0.000 χ^2/NDF: 15810669328

Right Out: 172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

- sign 183.029+/-0.000 χ^2/NDF: 825858339211044

Left In: 190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734 7968.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

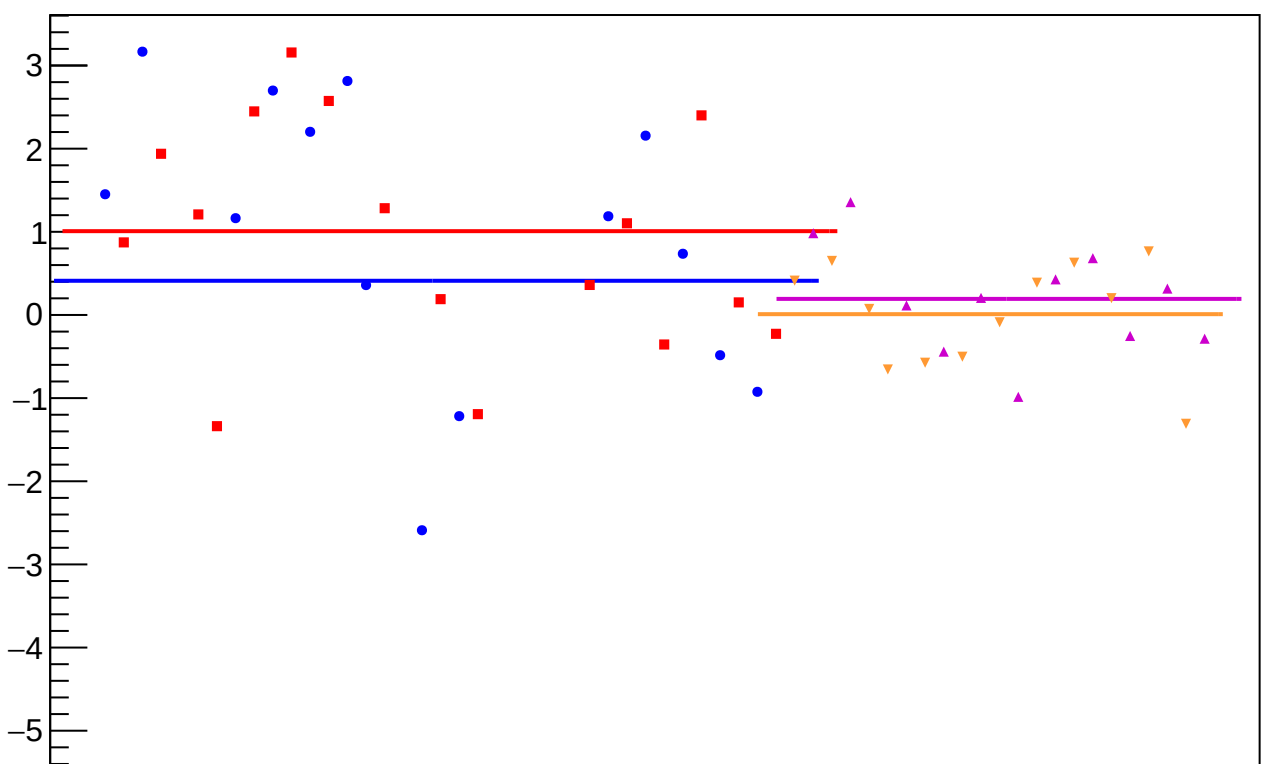
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

+ sign 0.176+/-0.000 χ^2/NDF: 38013535411119763

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

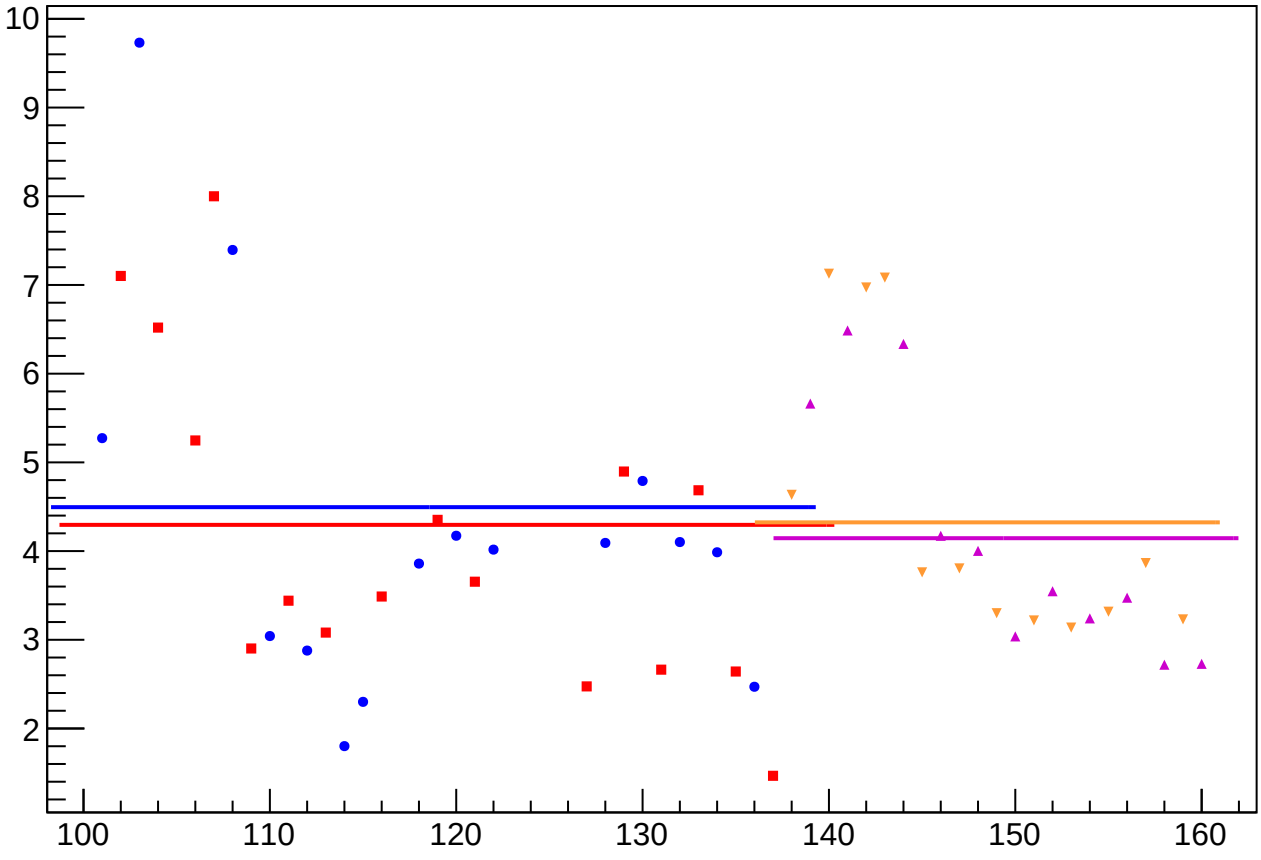
All: 0.357+/-0.000 χ^2/NDF: 5674167911062 2

Right Out: 1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

- sign 0.535+/-0.000 χ^2/NDF: 17715106696706138

Left In: 0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Left Out: 4.324+/-0.000 χ^2/NDF:202553496938895005840710911918080 0.0/11

Right Out: 4.296+/-0.000 χ^2/NDF: 201192570706205189038100747544166 4.0/15

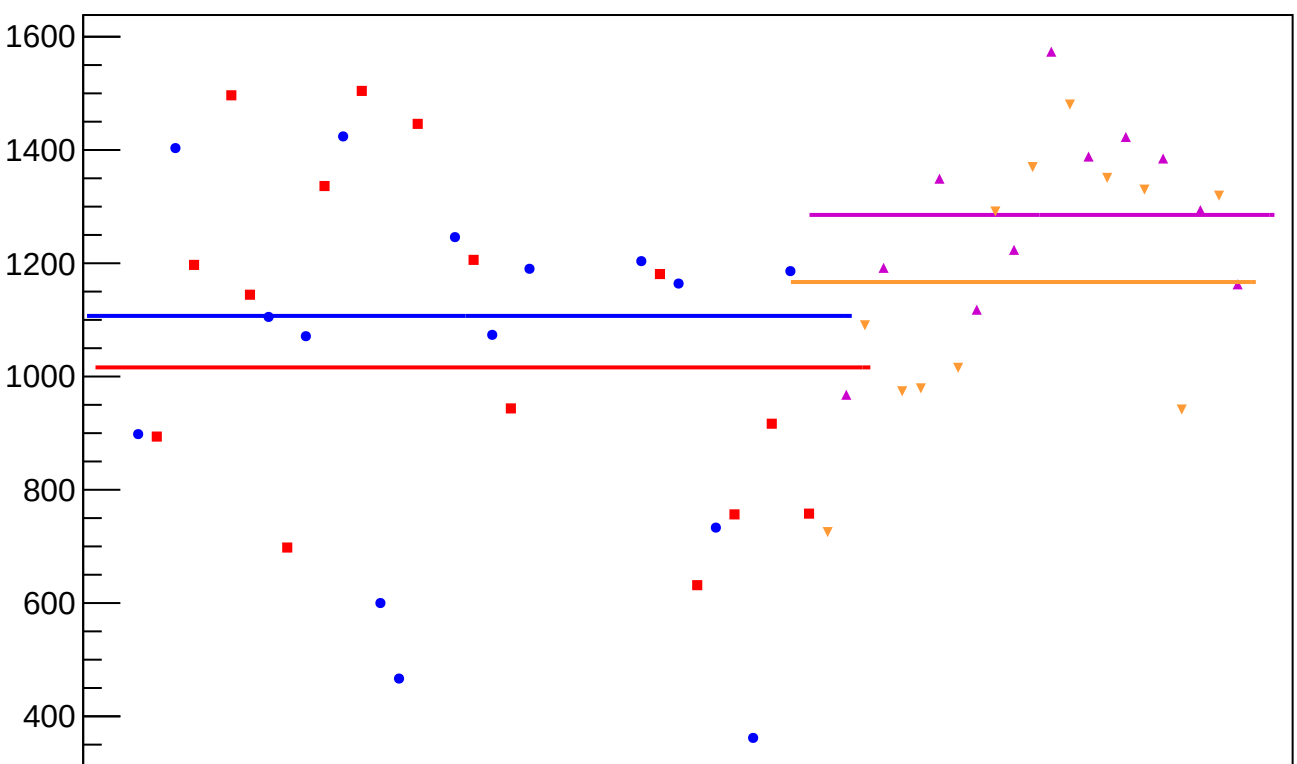
Left In: 4.145+/-0.000 χ^2/NDF:164594260430334960857184982794240 0.0/10

+ sign 4.395+/-0.000 χ^2/NDF: 4778921312885319 5

All: 4.301+/-0.000 χ^2/NDF: 847301115148 39

- sign 4.208+/-0.000 χ^2/NDF: 36666176911582785

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

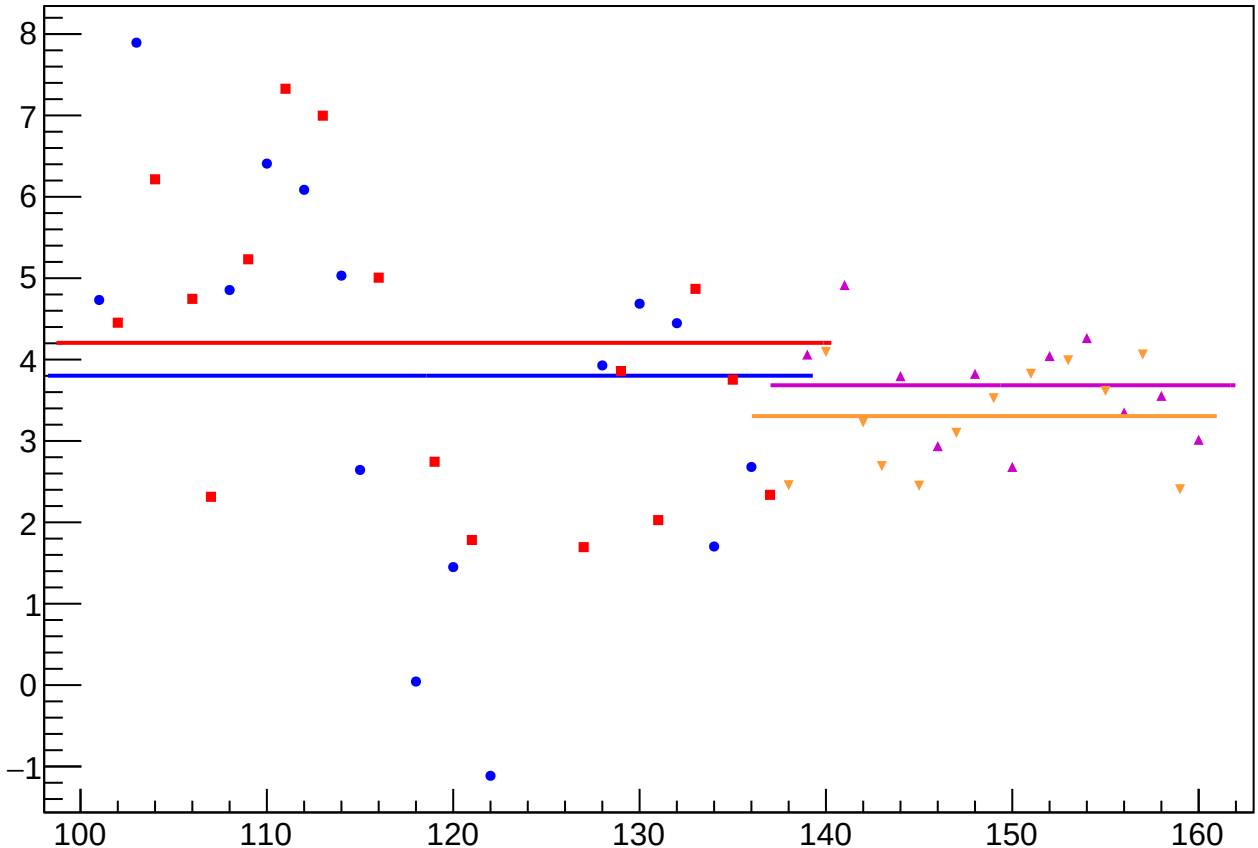
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

+ sign 3.512+/-0.000 χ^2/NDF: 42645411605619782

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

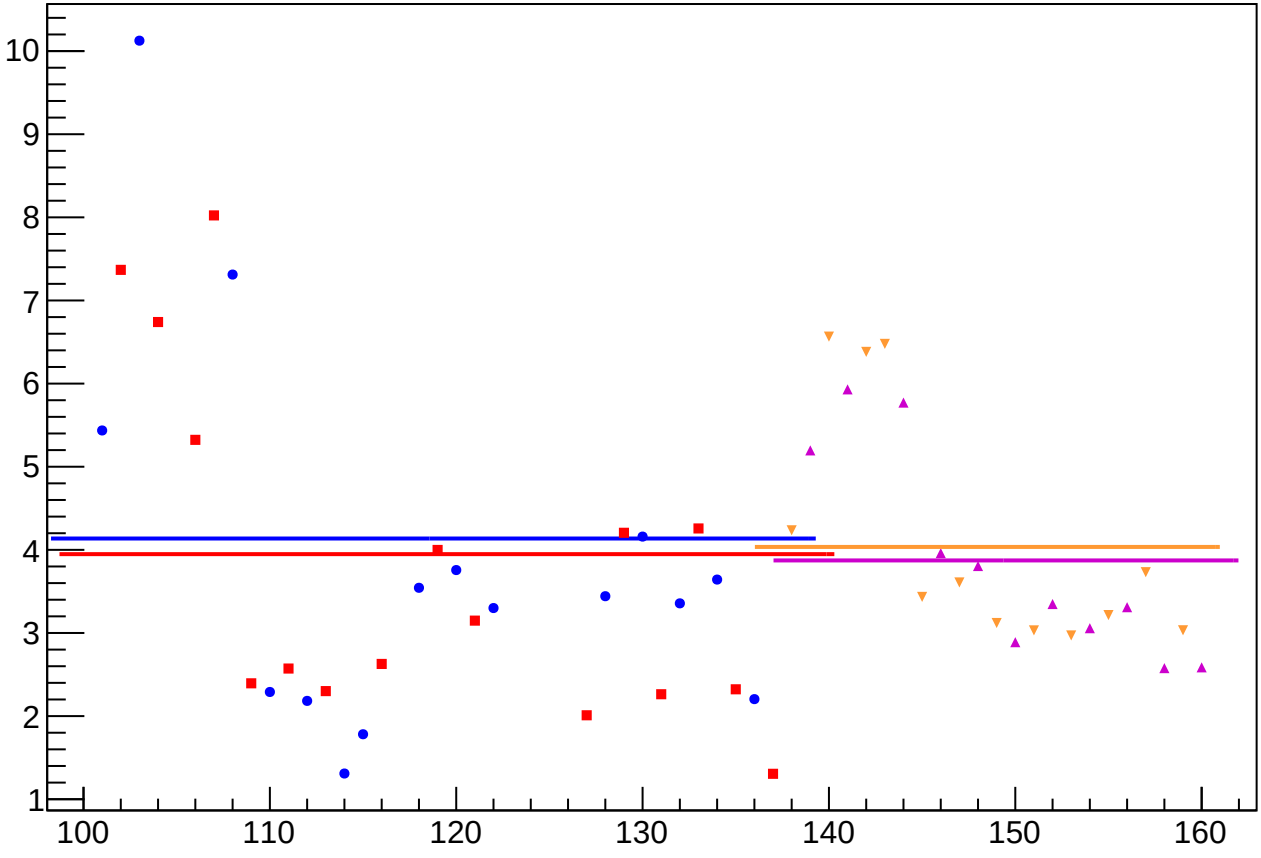
All: 3.709+/-0.000 χ^2/NDF: 6952977853900 1

Right Out: 4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

- sign 3.903+/-0.000 χ^2/NDF: 25677839447530972

Left In: 3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

dit_4eX_coil4_err_mean vs Slug



Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Left Out: 4.035+/-0.000 χ^2/NDF:1609299061352578548486150138363904.0/11

Right Out: 3.948+/-0.000 χ^2/NDF: 2670176783942302028345551100051456.0/15

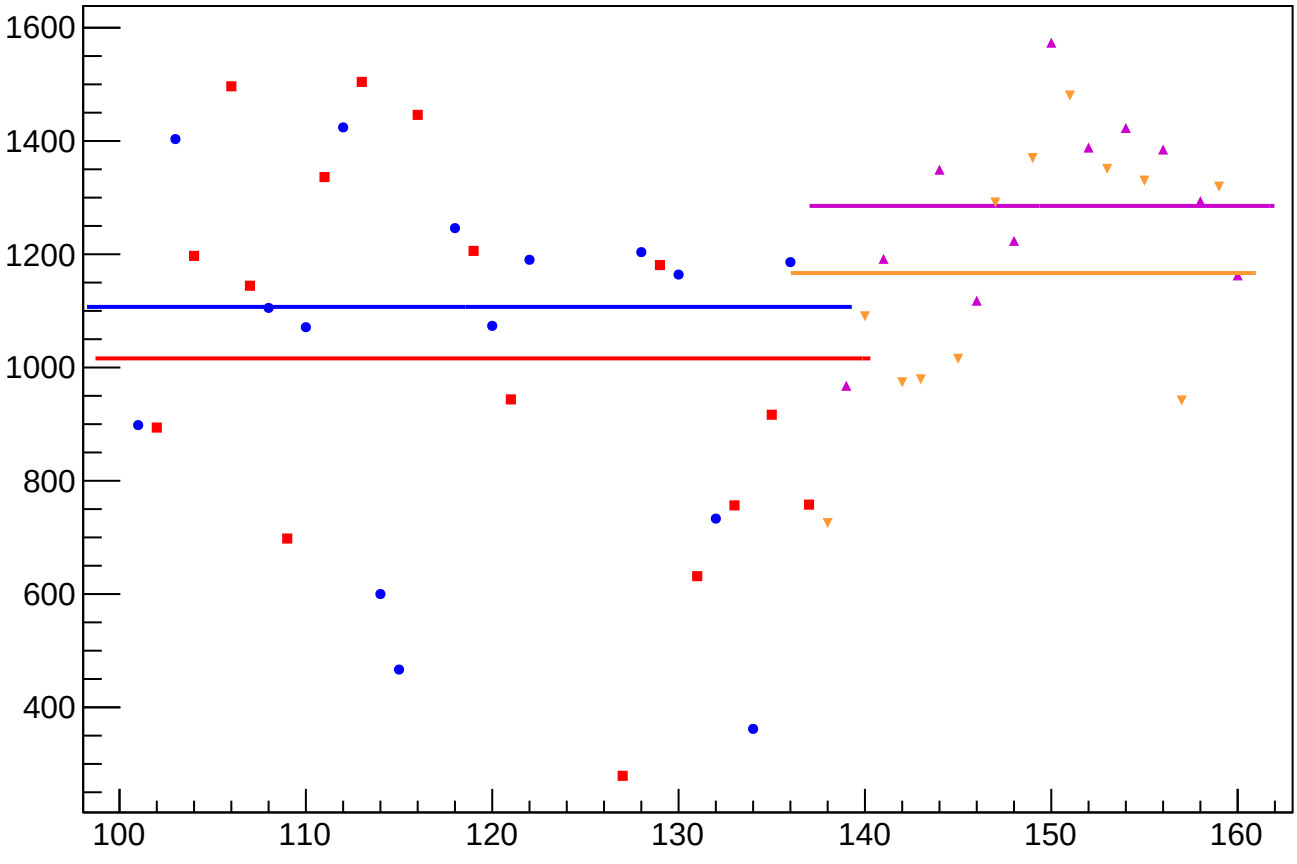
Left In: 3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

+ sign 4.077+/-0.000 χ^2/NDF: 5120791109485676

All: 3.990+/-0.000 χ^2/NDF: 9095304905164

- sign 3.904+/-0.000 χ^2/NDF: 3950992574828696

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

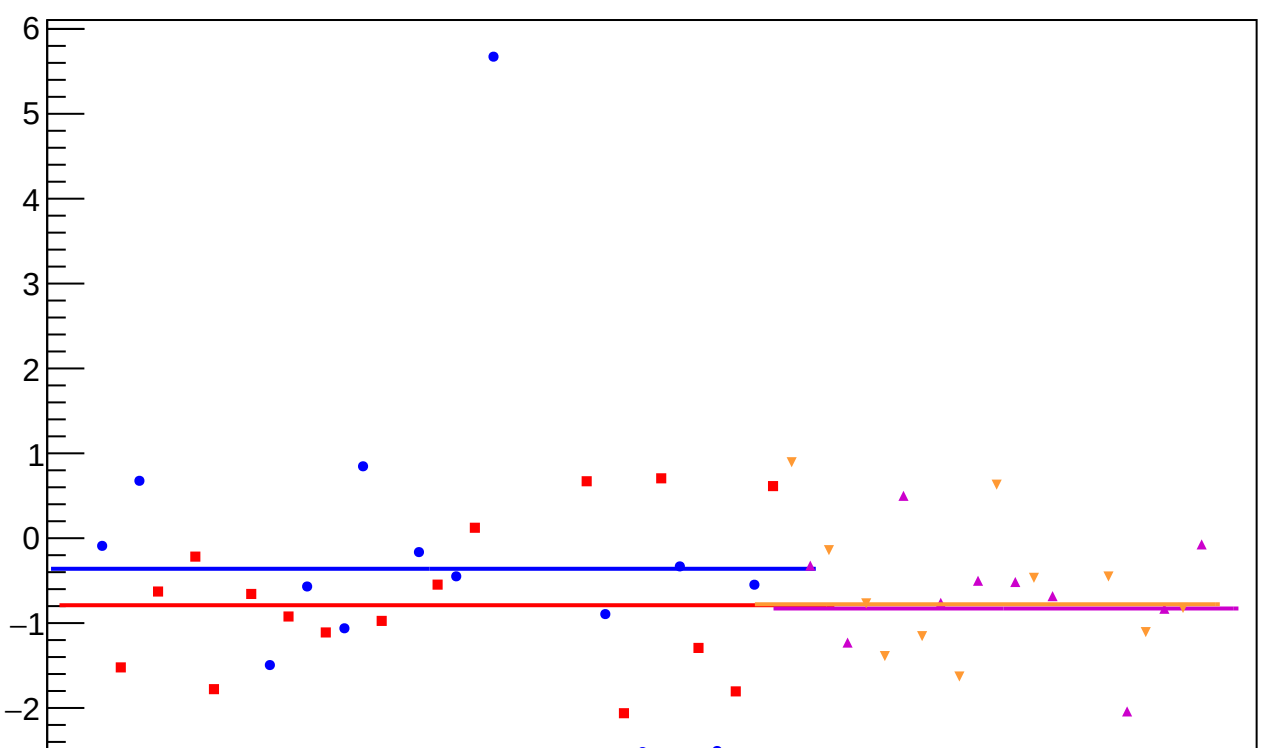
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 12465444911625

dit_11X12X_coil4_mean vs Slug



Right In: -0.360+/-0.000 χ^2/NDF: 2180256348790896849346212178952192.0/14

+ sign -0.605+/-0.000 χ^2/NDF: 3188346311700114

Left Out: -0.778+/-0.000 χ^2/NDF:9417925683764342254868439886725 12.0/11

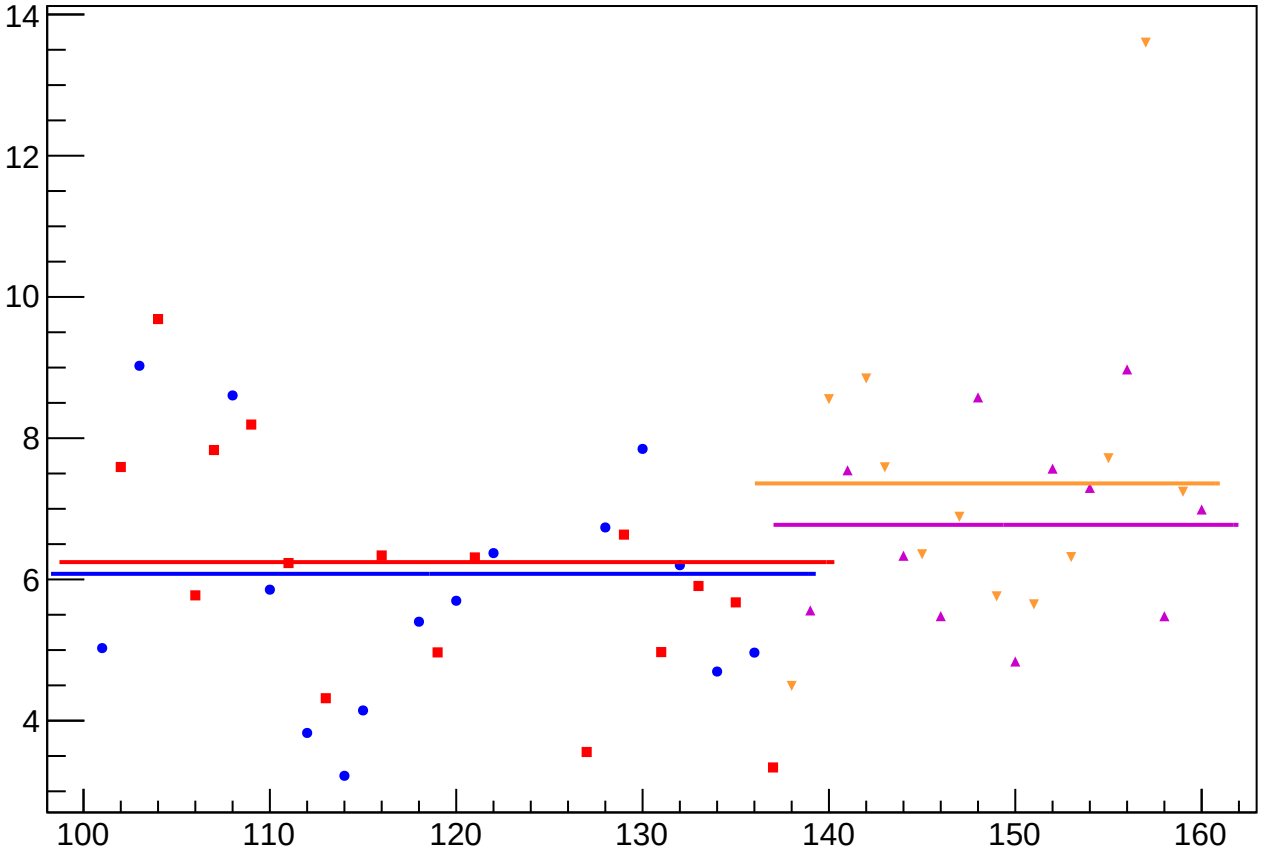
All: -0.709+/-0.000 χ^2/NDF: 4336052335682

Right Out: -0.790+/-0.000 χ^2/NDF: 4630783690733439598034229038940 16.0/15

- sign -0.812+/-0.000 χ^2/NDF: 1113826026082910

Left In: -0.828+/-0.000 χ^2/NDF:6501739774591225245371804543877 12.0/10

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14

+ sign 6.828+/-0.000 χ^2/NDF: 6792638877370086 9

Left Out: 7.360+/-0.000 χ^2/NDF:458038075523936550358514007015424 0.0/11

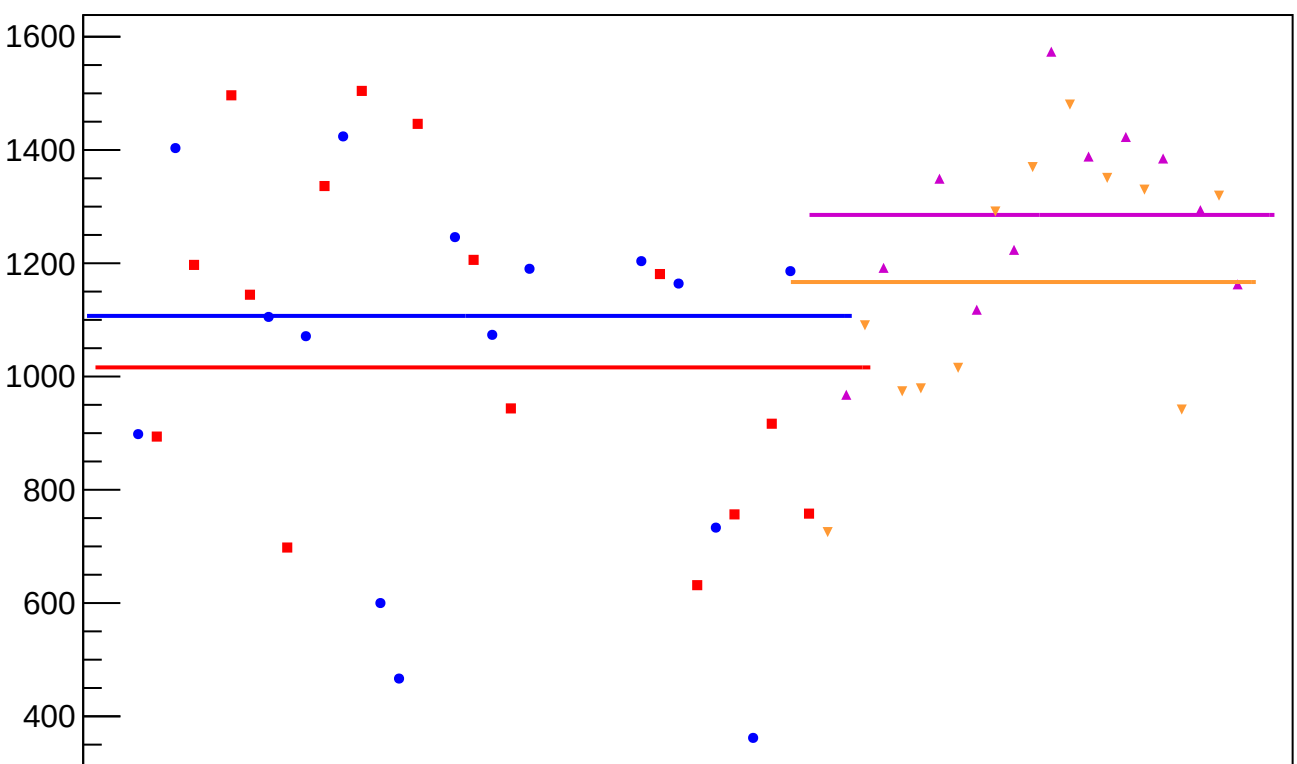
All: 6.689+/-0.000 χ^2/NDF: 1032305053905 5

Right Out: 6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

- sign 6.552+/-0.000 χ^2/NDF: 34702547921187787

Left In: 6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

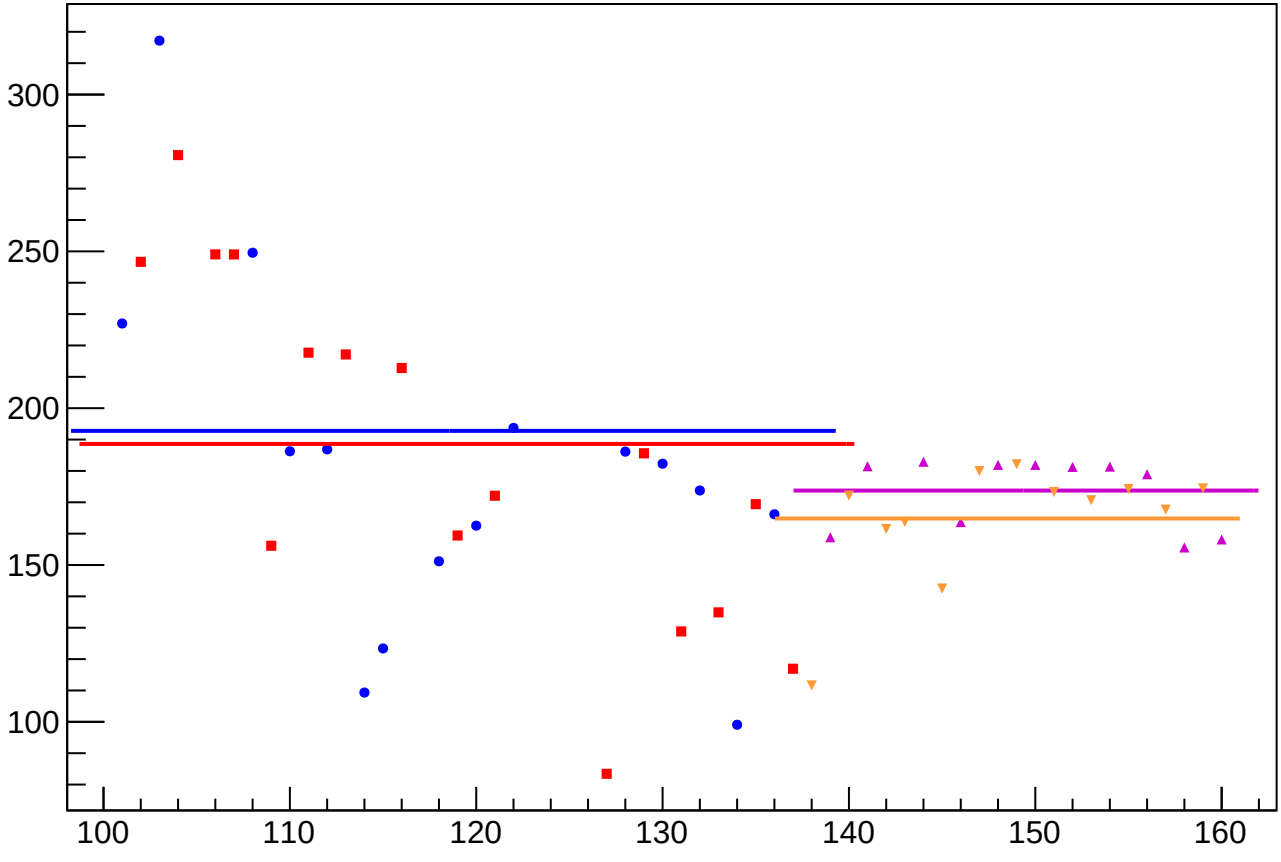
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

+ sign 176.433+/-0.000 χ^2/NDF: 226806307744820

Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11

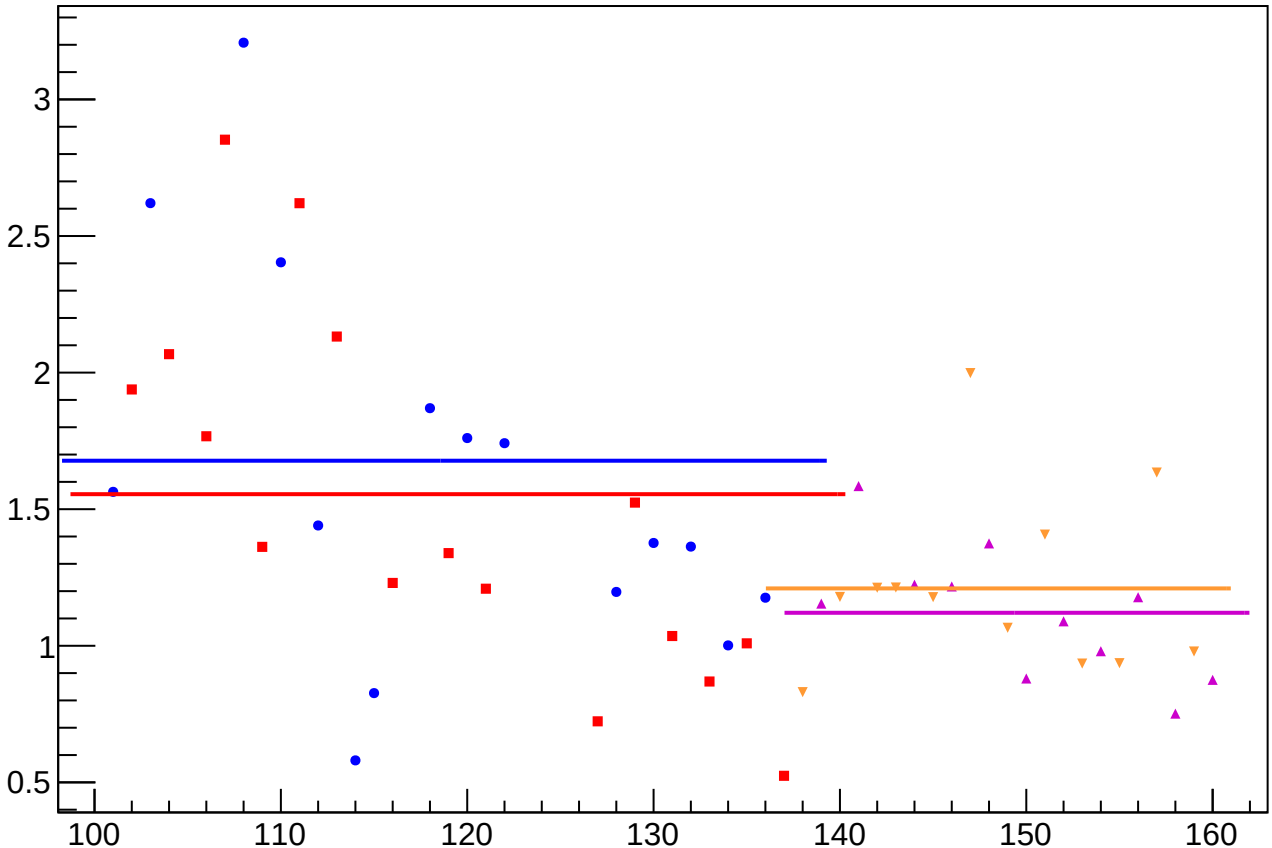
All: 178.219+/-0.000 χ^2/NDF: 43935498747

Right Out: 188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

- sign 179.974+/-0.000 χ^2/NDF: 211560304537061

Left In: 173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

+ sign 1.404+/-0.000 χ^2/NDF: 4203163615319246 3

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

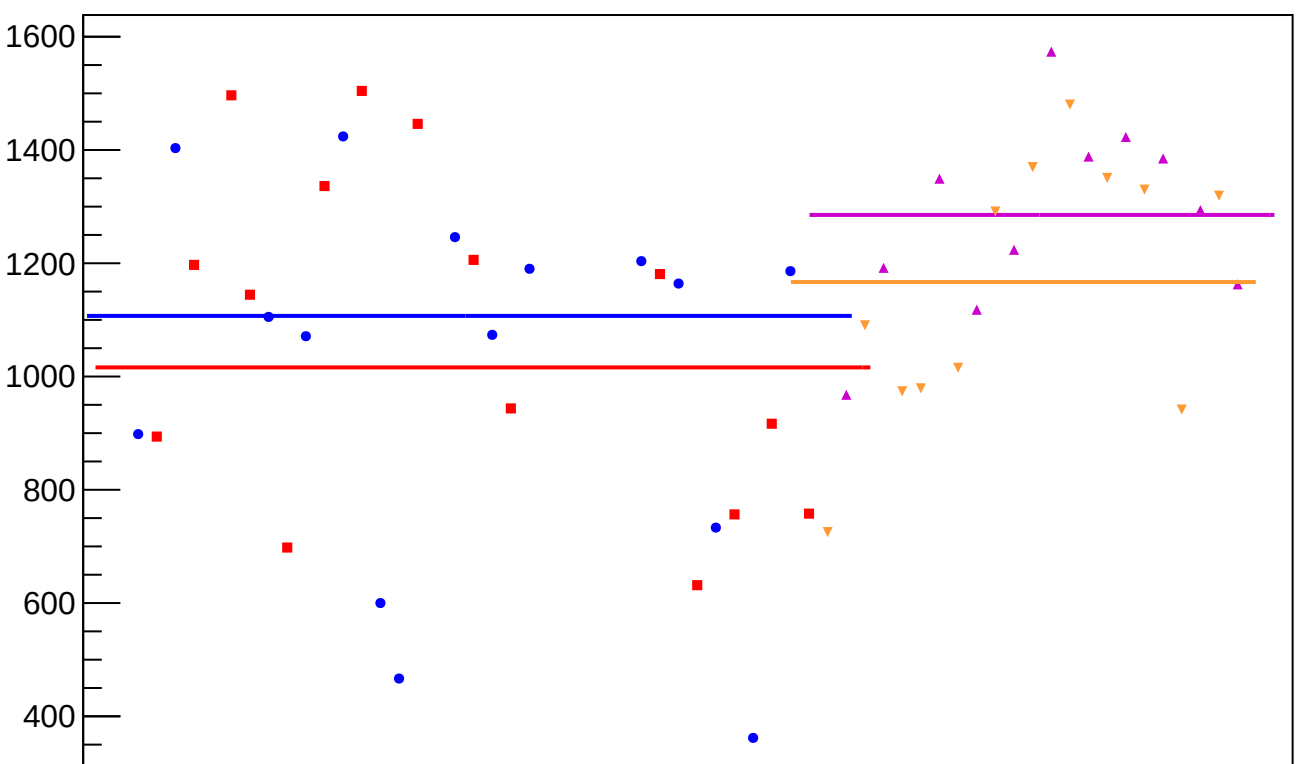
All: 1.353+/-0.000 χ^2/NDF: 8054448524380 2

Right Out: 1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

- sign 1.303+/-0.000 χ^2/NDF: 3770443813103152 4

Left In: 1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

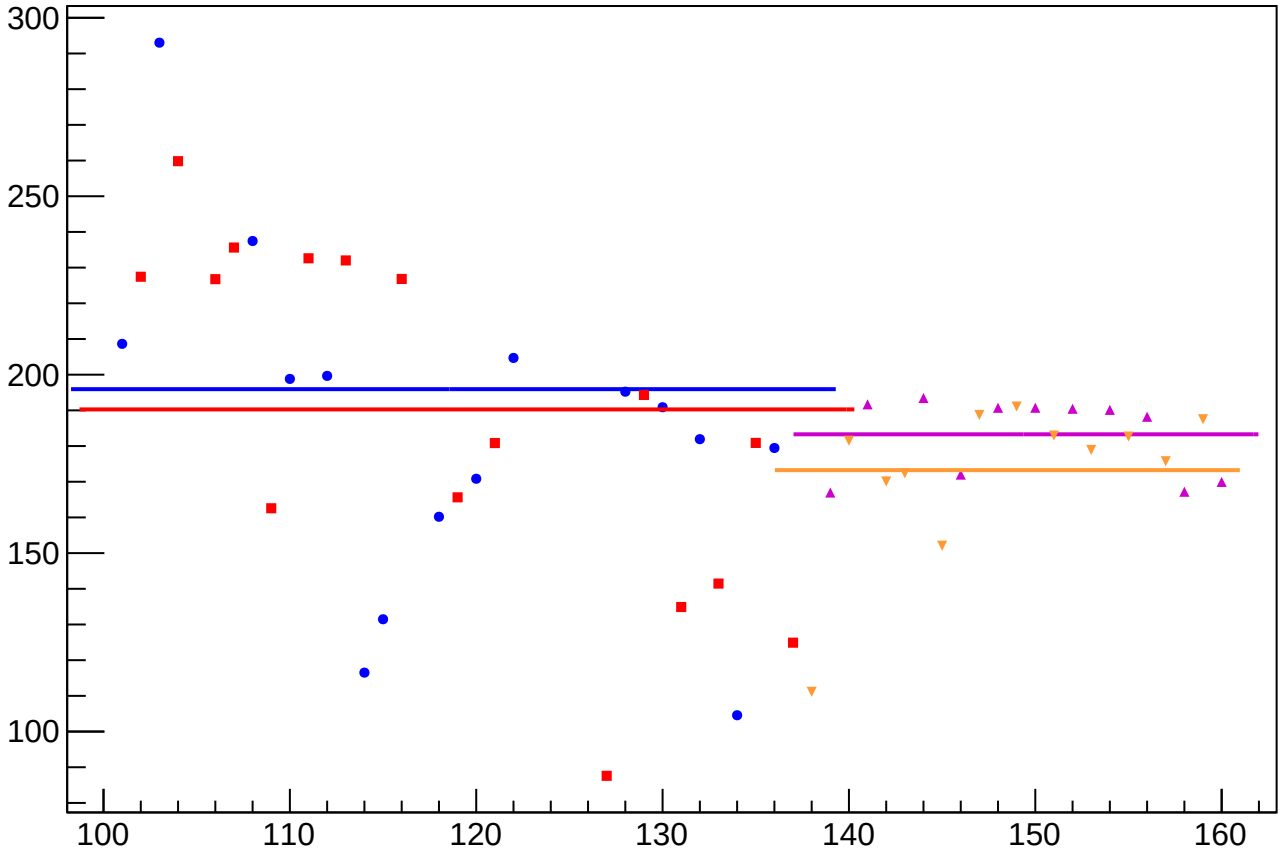
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 12465444911625

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Left Out: 173.245+/-0.000 χ^2/NDF:4211897430223129567796212229545656 32.0/11

Right Out: 190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

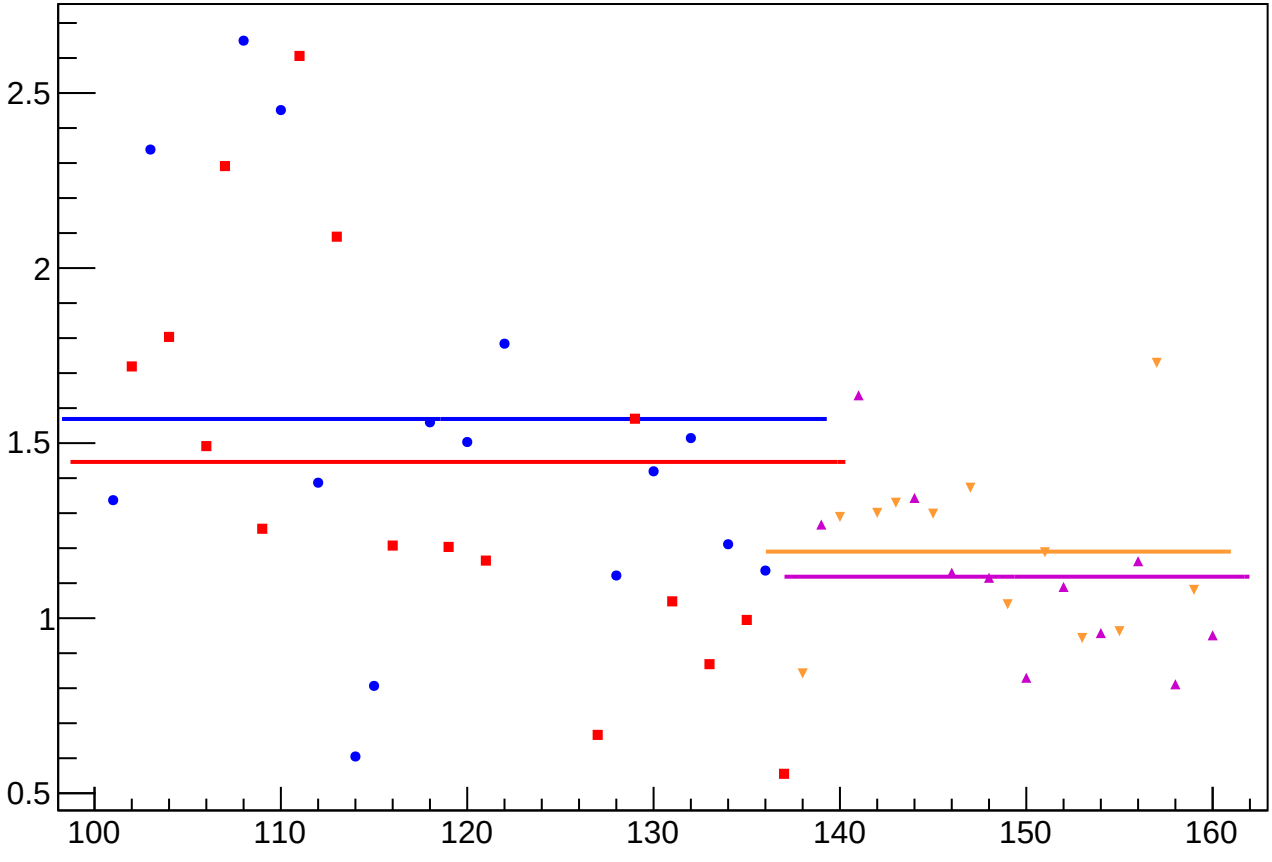
Left In: 183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

+ sign 182.669+/-0.000 χ^2/NDF: 16745674206207 5

All: 184.458+/-0.000 χ^2/NDF: 32735567790 4

- sign 186.216+/-0.000 χ^2/NDF: 158906987548328

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Left Out: 1.190+/-0.000 χ^2/NDF:5074582293603221733614481414553 6.0/11

Right Out: 1.446+/-0.000 χ^2/NDF: 19629665391752335244327105278771 2.0/15

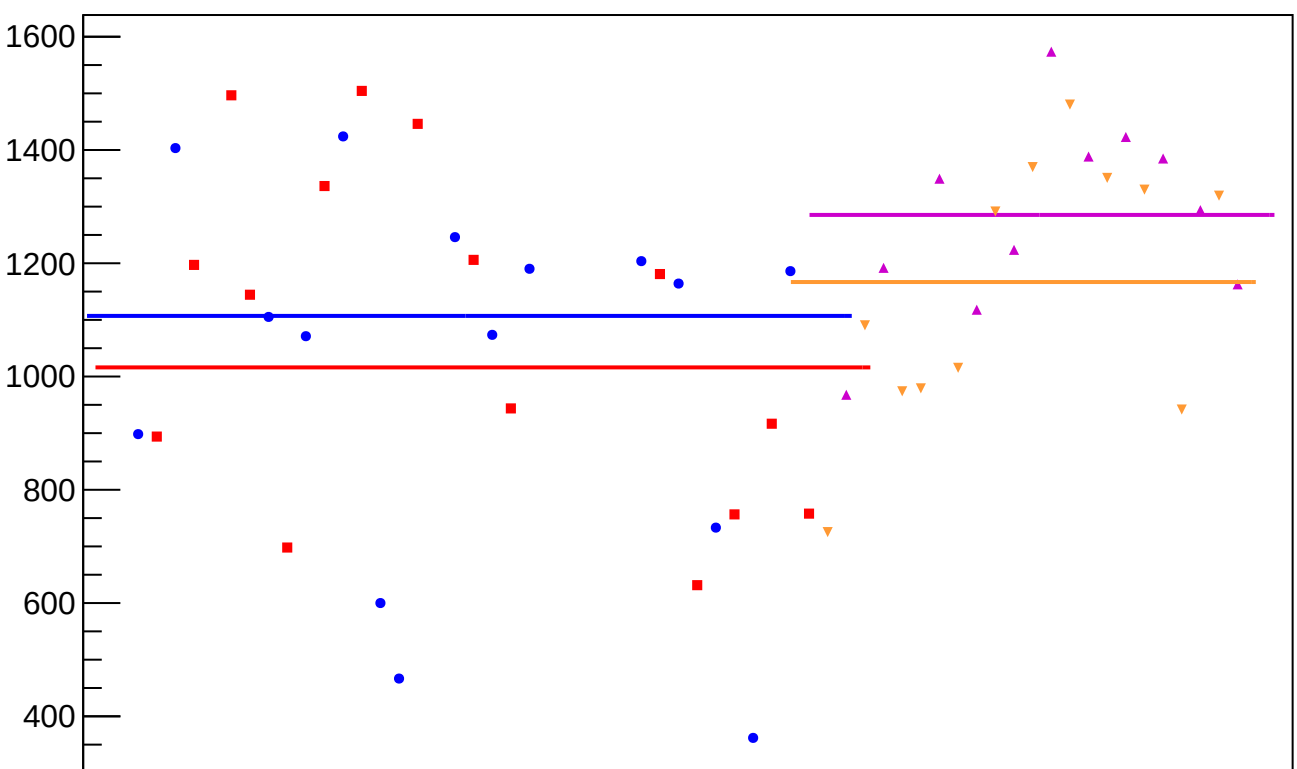
Left In: 1.118+/-0.000 χ^2/NDF:4897349699572348091180136582348 8.0/10

+ sign 1.347+/-0.000 χ^2/NDF: 2680564508595917 5

All: 1.301+/-0.000 χ^2/NDF: 5615758872199 8

- sign 1.256+/-0.000 χ^2/NDF: 2869099255914574 3

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

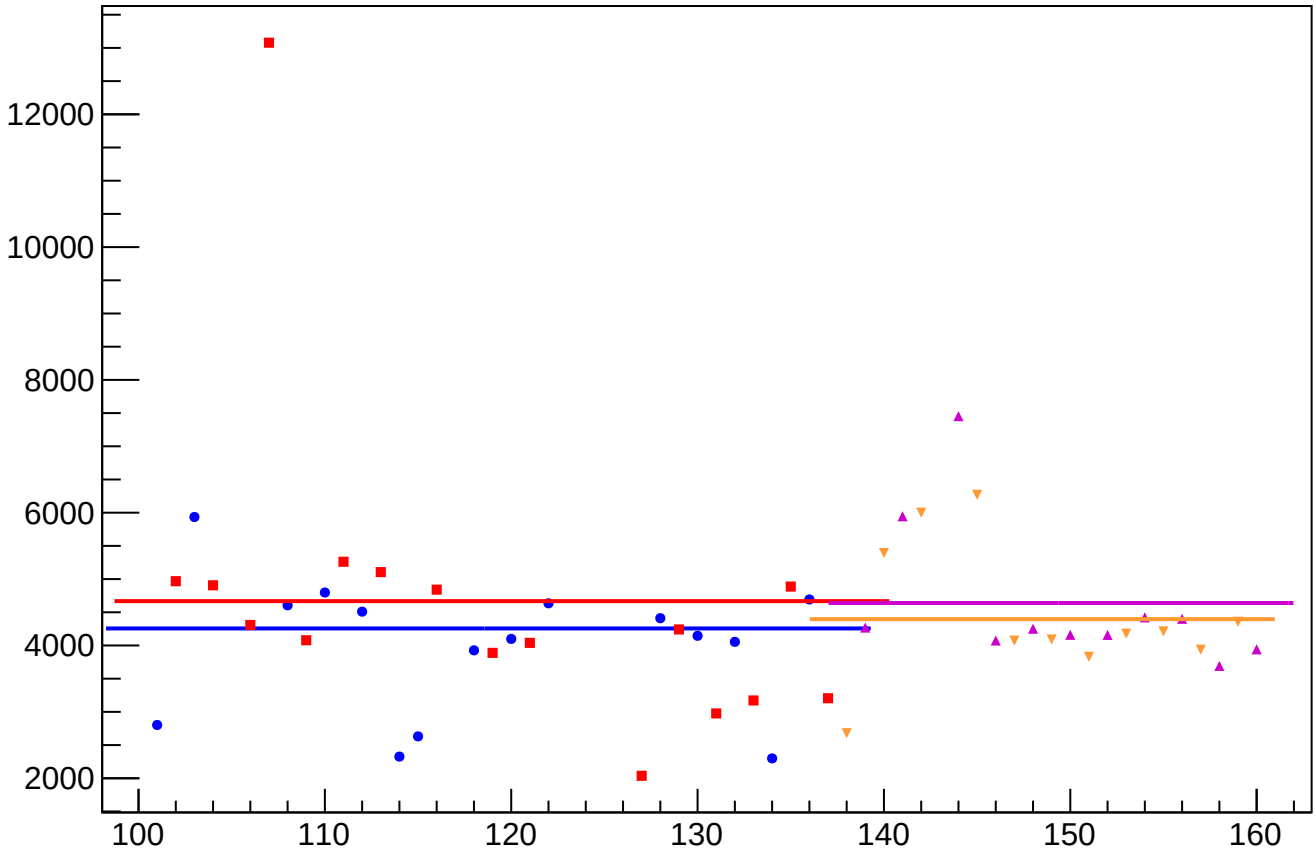
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

+ sign 4335.661+/-0.000 χ^2/NDF: 1273495465485 7

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

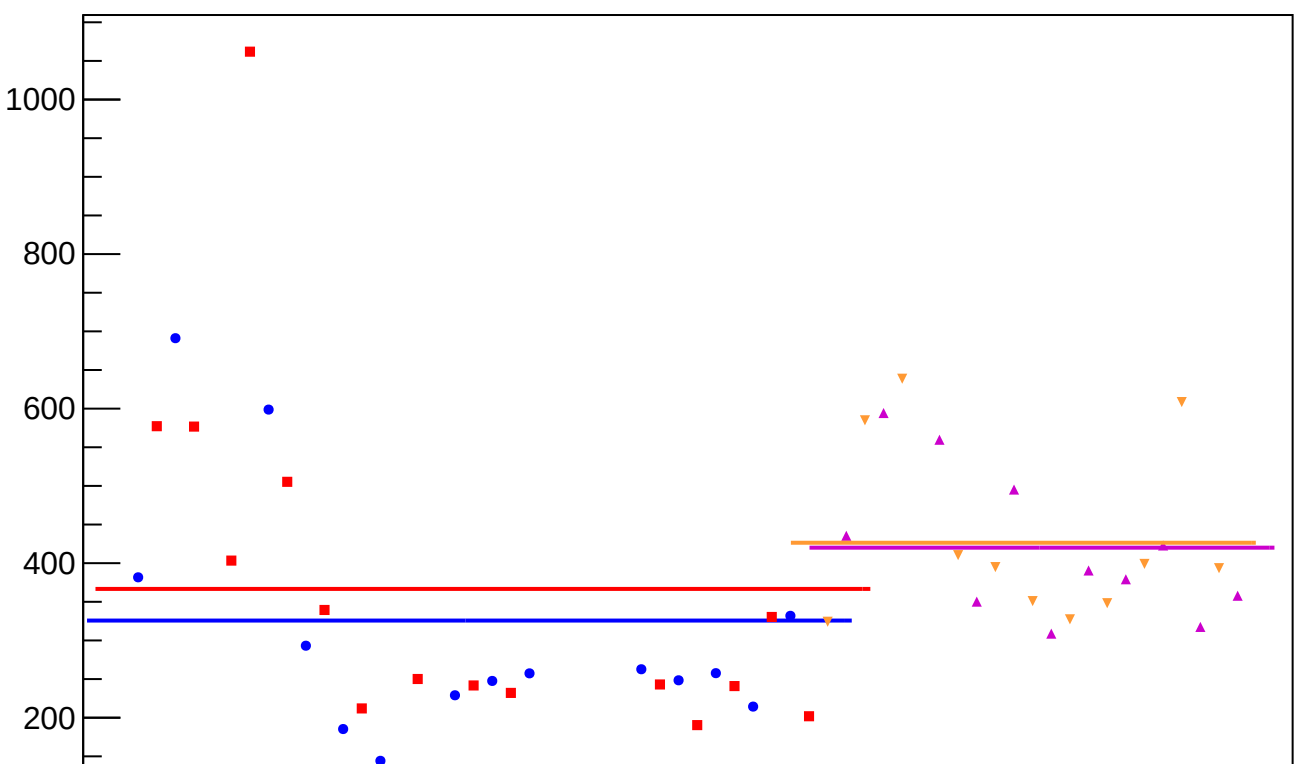
All: 4498.481+/-0.000 χ^2/NDF: 5611121427 8

Right Out: 4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

- sign 4651.578+/-0.000 χ^2/NDF: 4260675233621 6

Left Out: 4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

+ sign 382.754+/-0.000 χ^2/NDF: 279252260301187

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

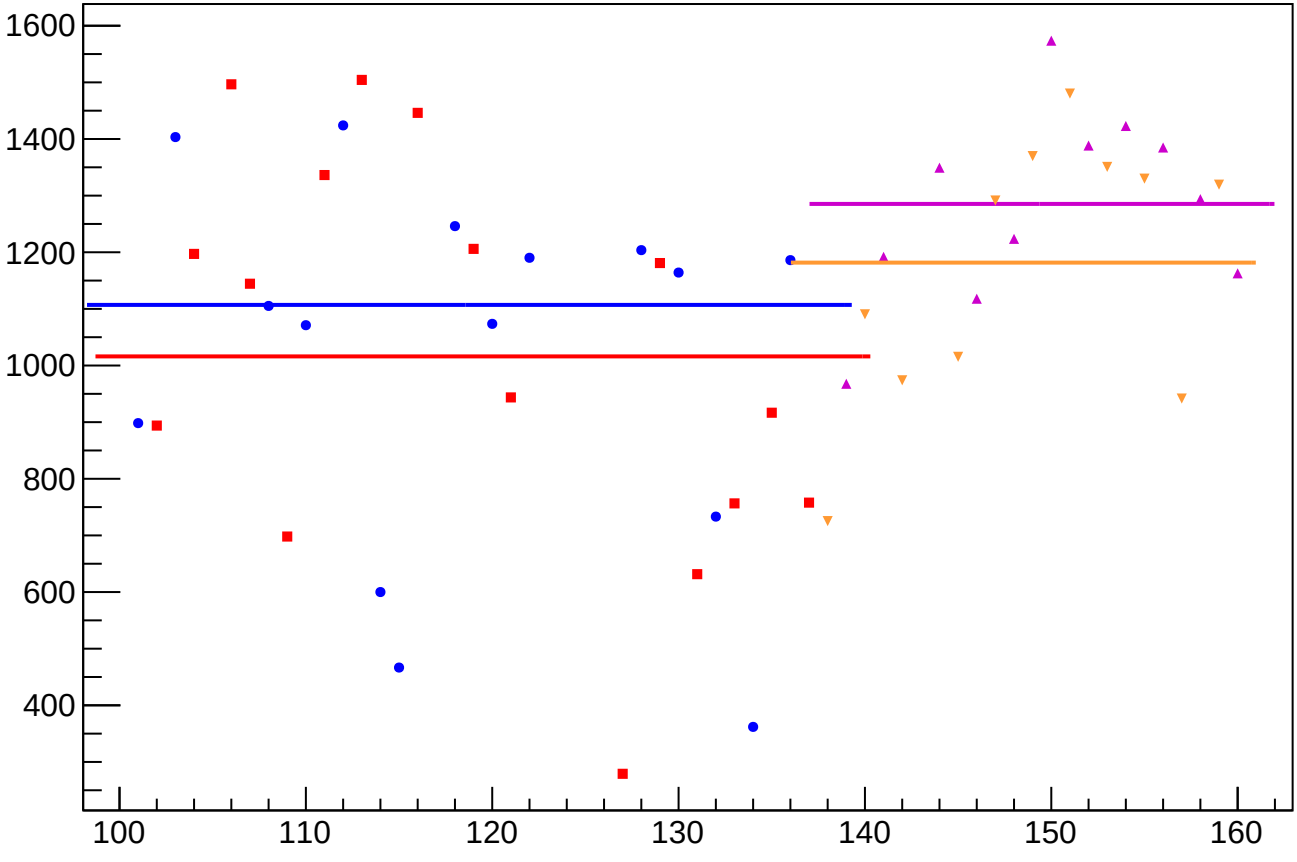
All: 390.448+/-0.000 χ^2/NDF: 69004632674

Right Out: 366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

- sign 397.684+/-0.000 χ^2/NDF: 409075450012092

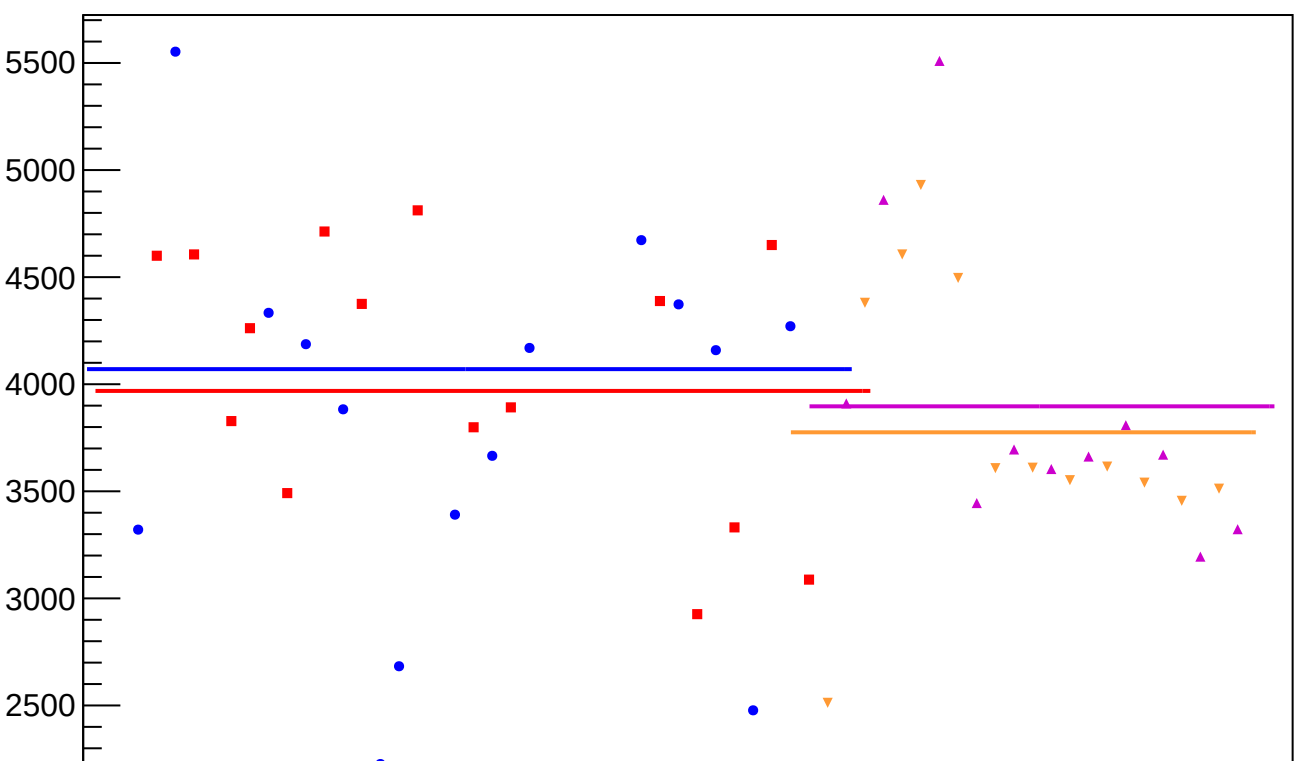
Left In: 420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1149.328+/-0.000 χ^2/NDF: 8478540903172 0
Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10
All: 1161.261+/-0.000 χ^2/NDF: 2098532030 9
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5
Left In: 1285.364+/-0.000 χ^2/NDF:240025728037323459597360480955148533 76.0/10

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720903 68.0/11

Right Out: 3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

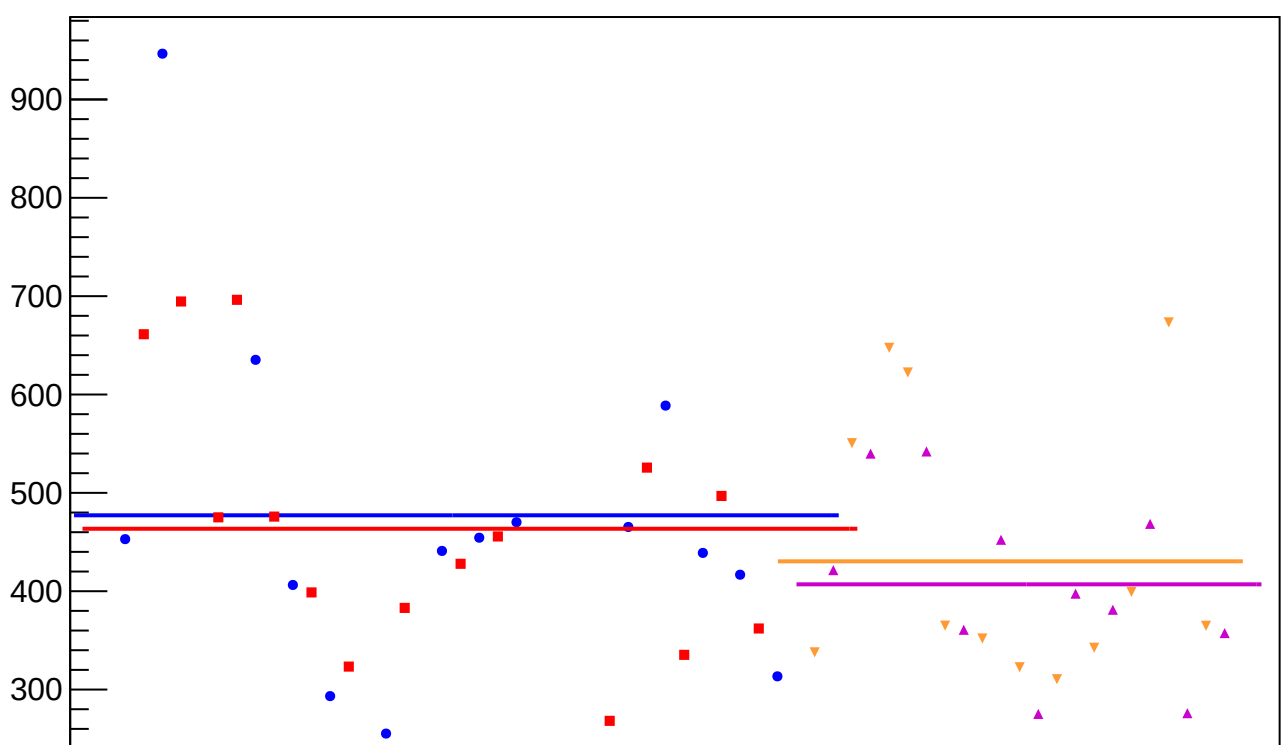
Left In: 3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143533178 88.0/10

+ sign 3897.950+/-0.000 χ^2/NDF: 7209154986710 8

All: 3912.568+/-0.000 χ^2/NDF: 1496070330 2

- sign 3926.928+/-0.000 χ^2/NDF: 7744927899095 2

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

Right Out: 463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

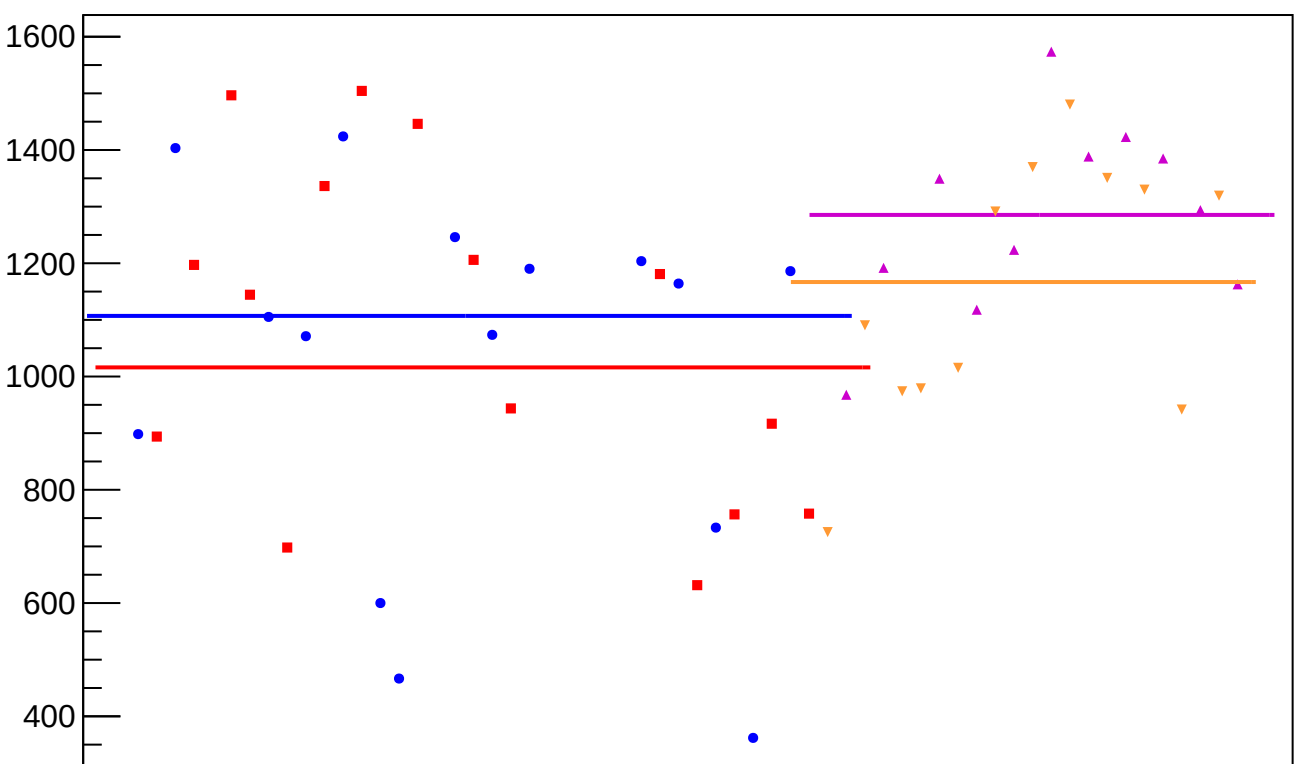
Left In: 406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

+ sign 449.818+/-0.000 χ^2/NDF: 36411863935895 3

All: 440.167+/-0.000 χ^2/NDF: 5750904412 02

- sign 430.686+/-0.000 χ^2/NDF: 20808578063508 0

dit_usr_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

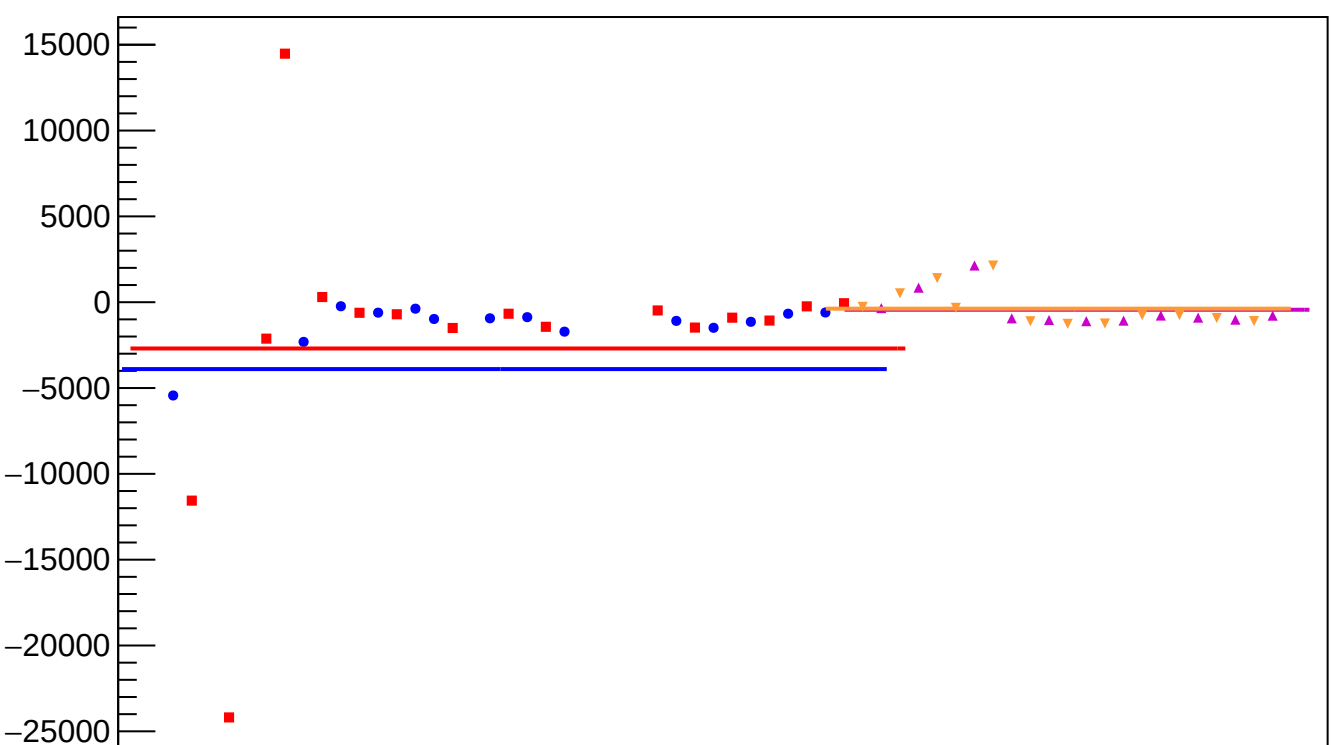
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

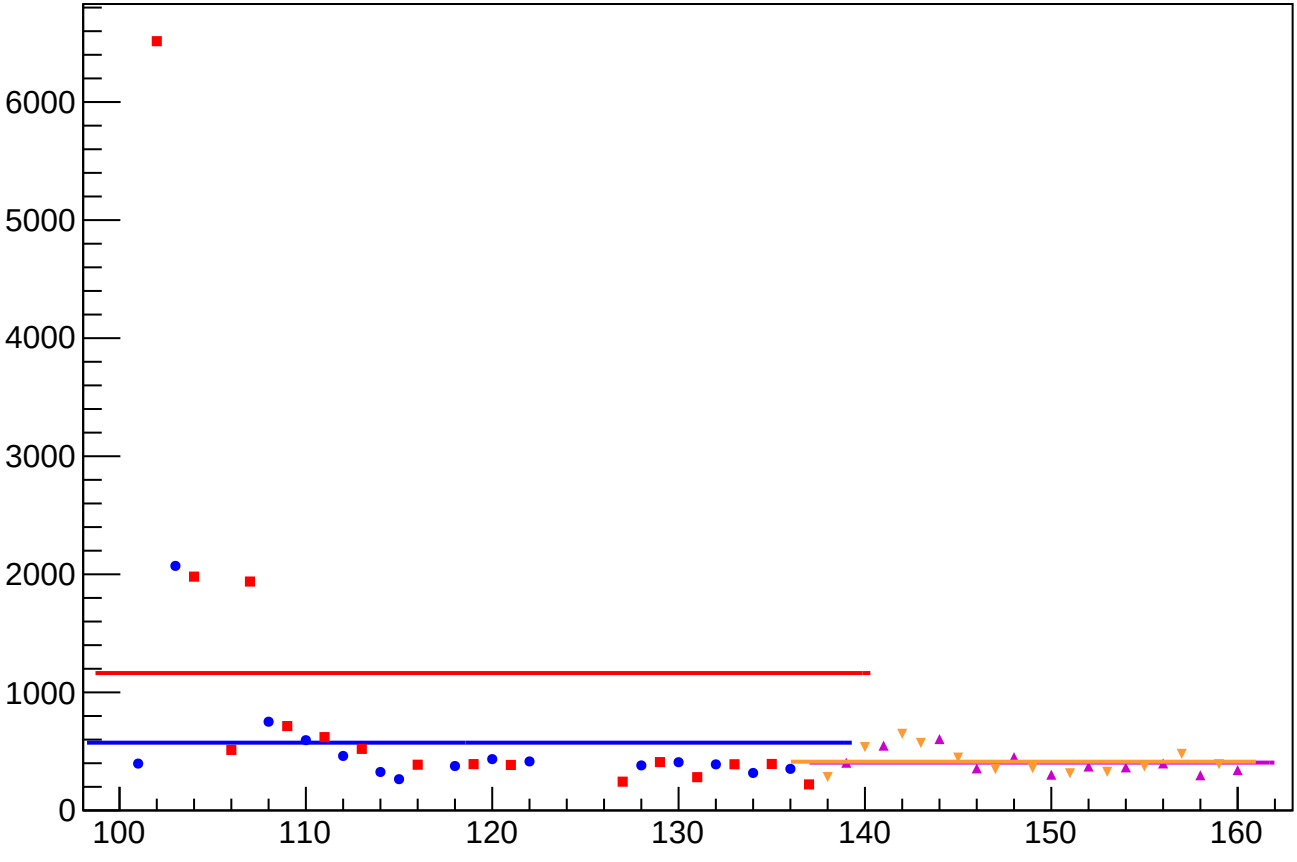
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atl1_coil4_mean vs Slug



Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
+ sign -1837.483+/-0.000 χ^2/NDF: 4528252222957
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
All: -1609.422+/-0.000 χ^2/NDF: 8915994509
Right Out: -2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
- sign -1385.374+/-0.000 χ^2/NDF: 4371626422274
Left In: -439.289+/-0.000 χ^2/NDF:921031566733723872829454078558930468864.0/10

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14

+ sign 479.885+/-0.000 χ^2/NDF: 171327208770113

Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877440 0.0/11

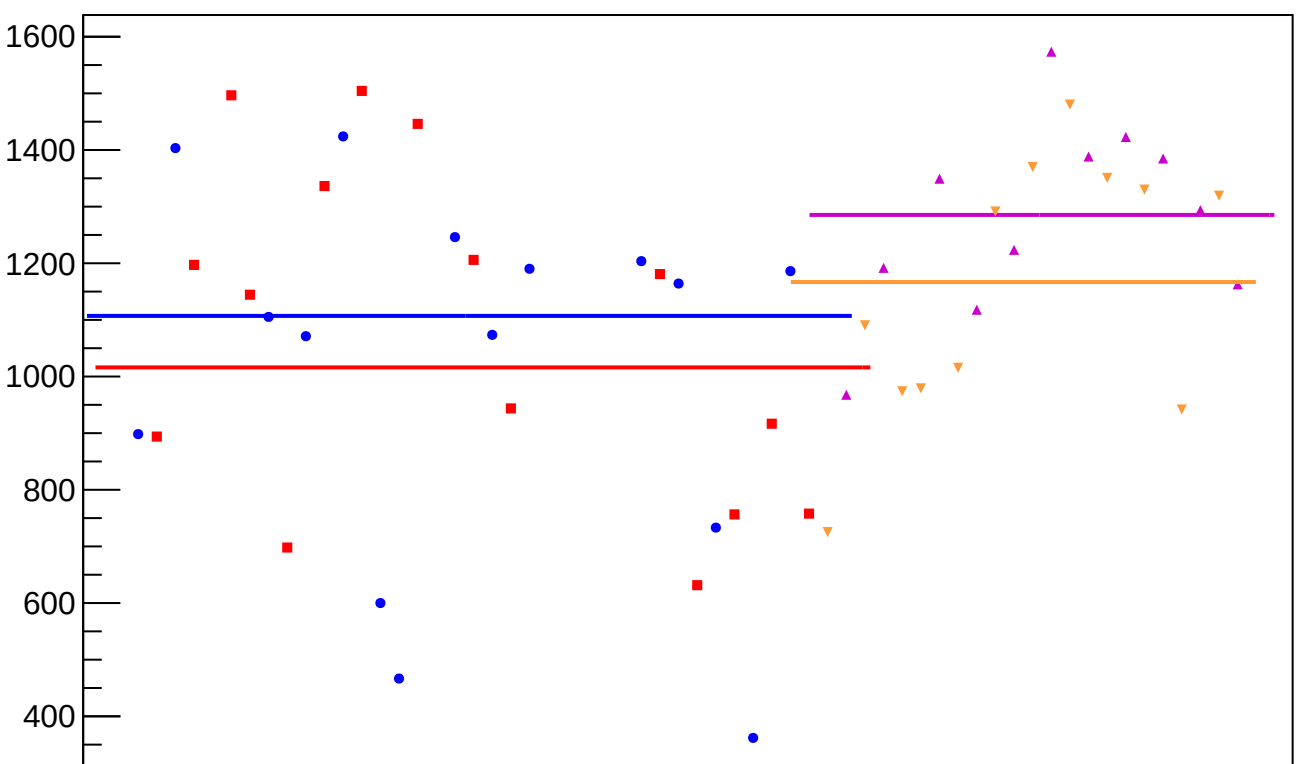
All: 602.666+/-0.000 χ^2/NDF: 24520895778 5

Right Out: 1163.697+/-0.000 χ^2/NDF: 200319439647546533719015478751518313 6768.0/15

- sign 723.286+/-0.000 χ^2/NDF: 223405186584258

Left In: 405.371+/-0.000 χ^2/NDF:809637404511790653534348357749492940 8.0/10

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

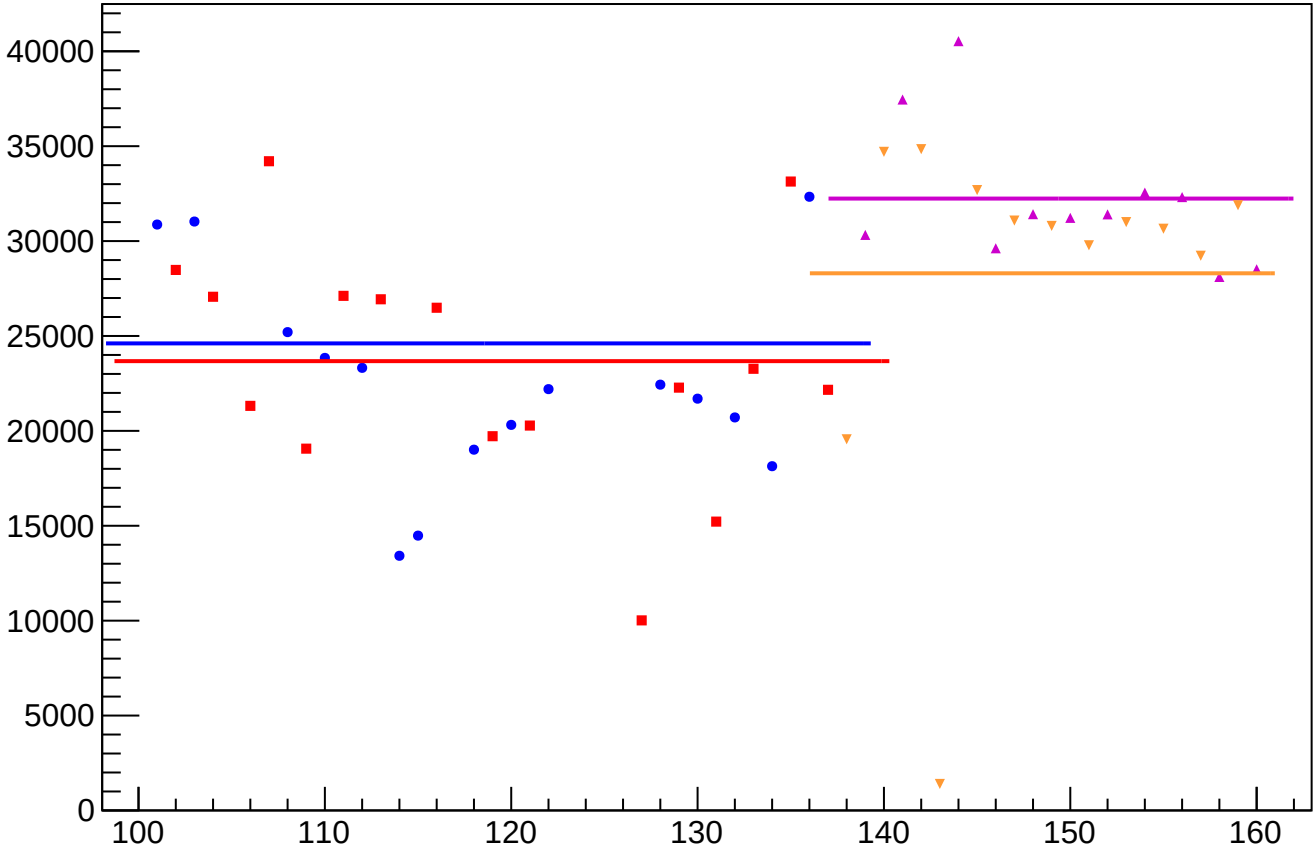
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Left Out: 28302.359+/-0.000 χ^2/NDF:6474396057652607314785278932682393465651 2.0/11

Right Out: 23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

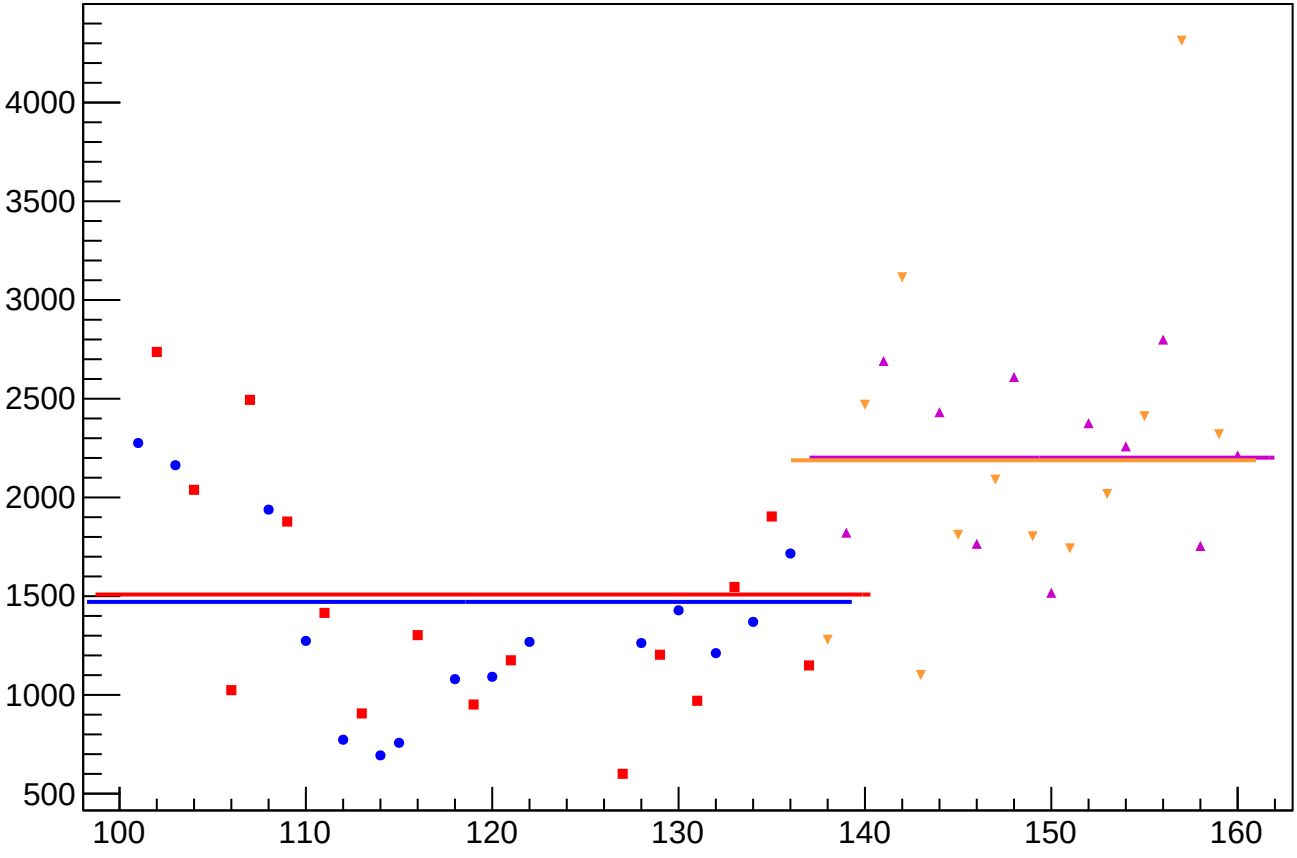
Left In: 32239.303+/-0.000 χ^2/NDF:1193139787566317714281282999880354103296 0.0/10

+ sign 26768.677+/-0.000 χ^2/NDF: 8747719496851

All: 27716.891+/-0.000 χ^2/NDF: 1554384105

- sign 28648.418+/-0.000 χ^2/NDF: 6517533016953

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF: 139174979420467841073894167956452016128.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF:5938585160905351867022075216408241766 40.0/11

Right Out: 1508.451+/-0.000 χ^2/NDF: 250085163770425050605763446985715613696.0/15

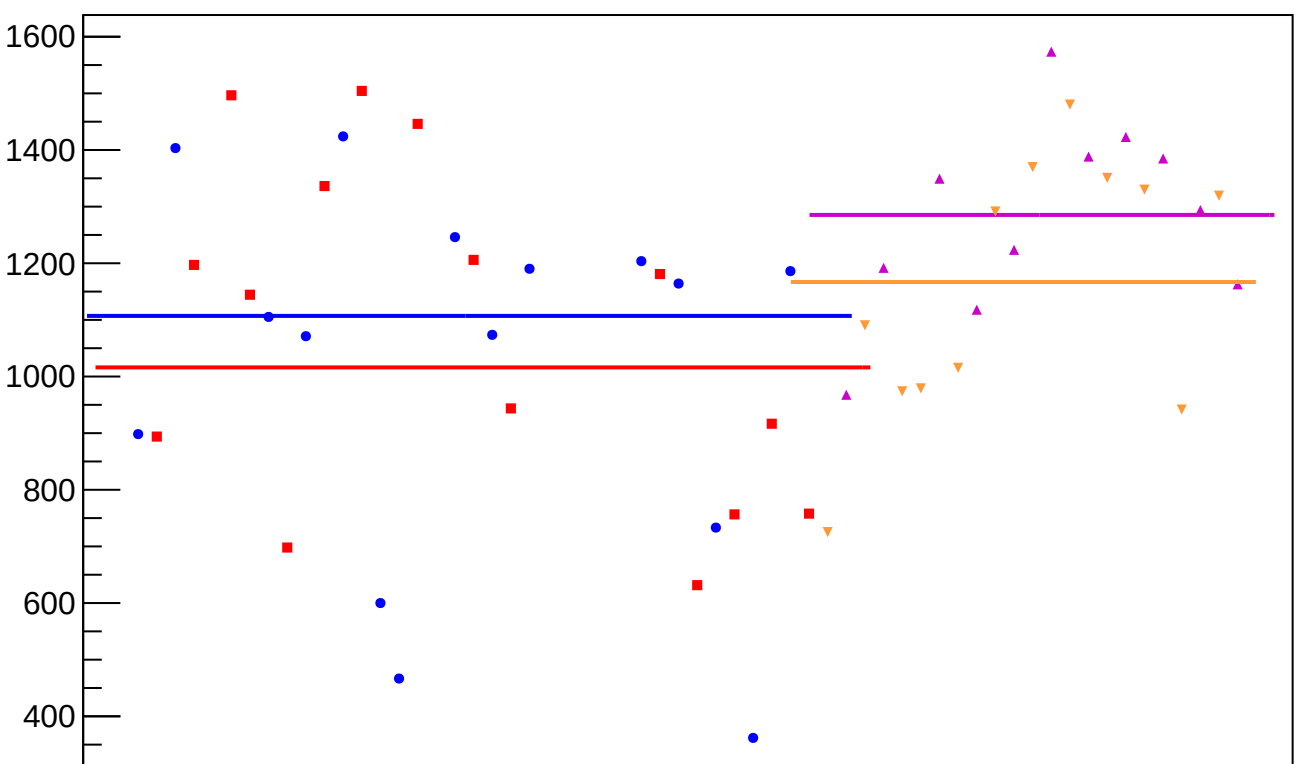
Left In: 2201.571+/-0.000 χ^2/NDF:156929124179690930619030229097962799104.0/10

+ sign 1890.398+/-0.000 χ^2/NDF: 9281589423830 4

All: 1900.786+/-0.000 χ^2/NDF: 1521607045 3

- sign 1910.992+/-0.000 χ^2/NDF: 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

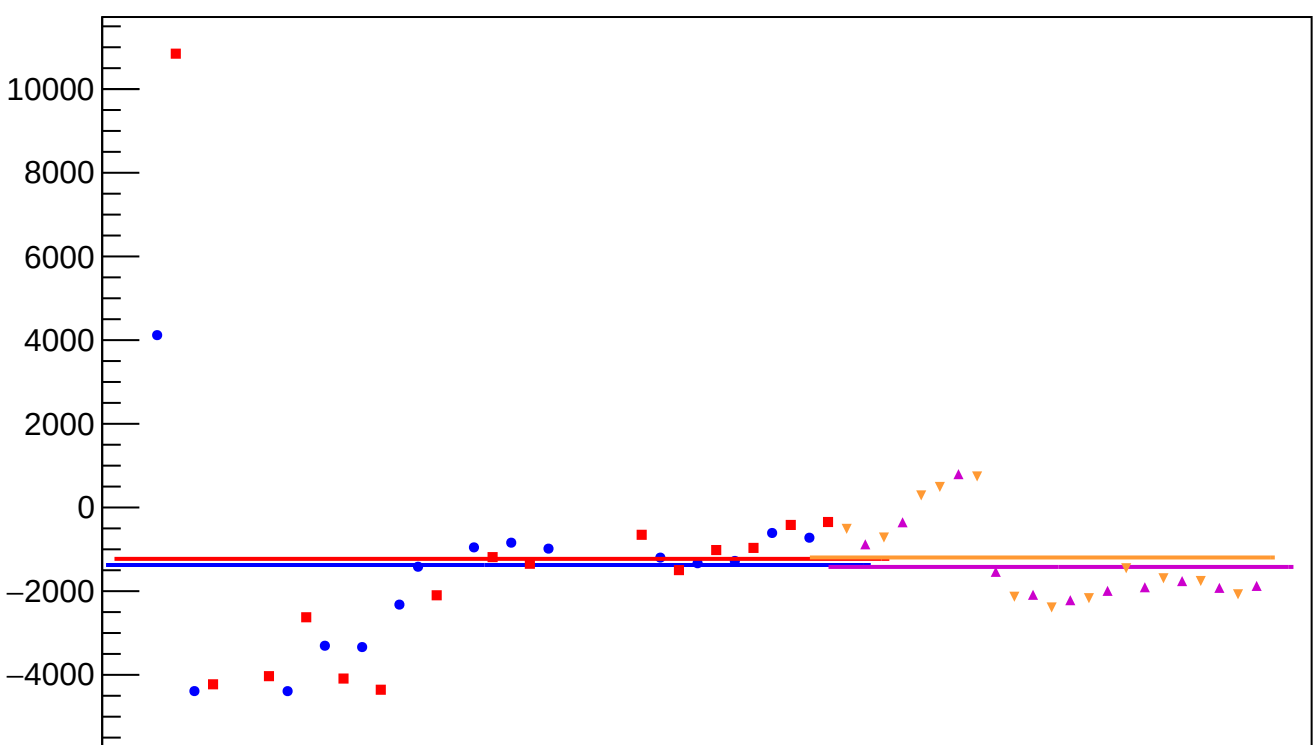
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

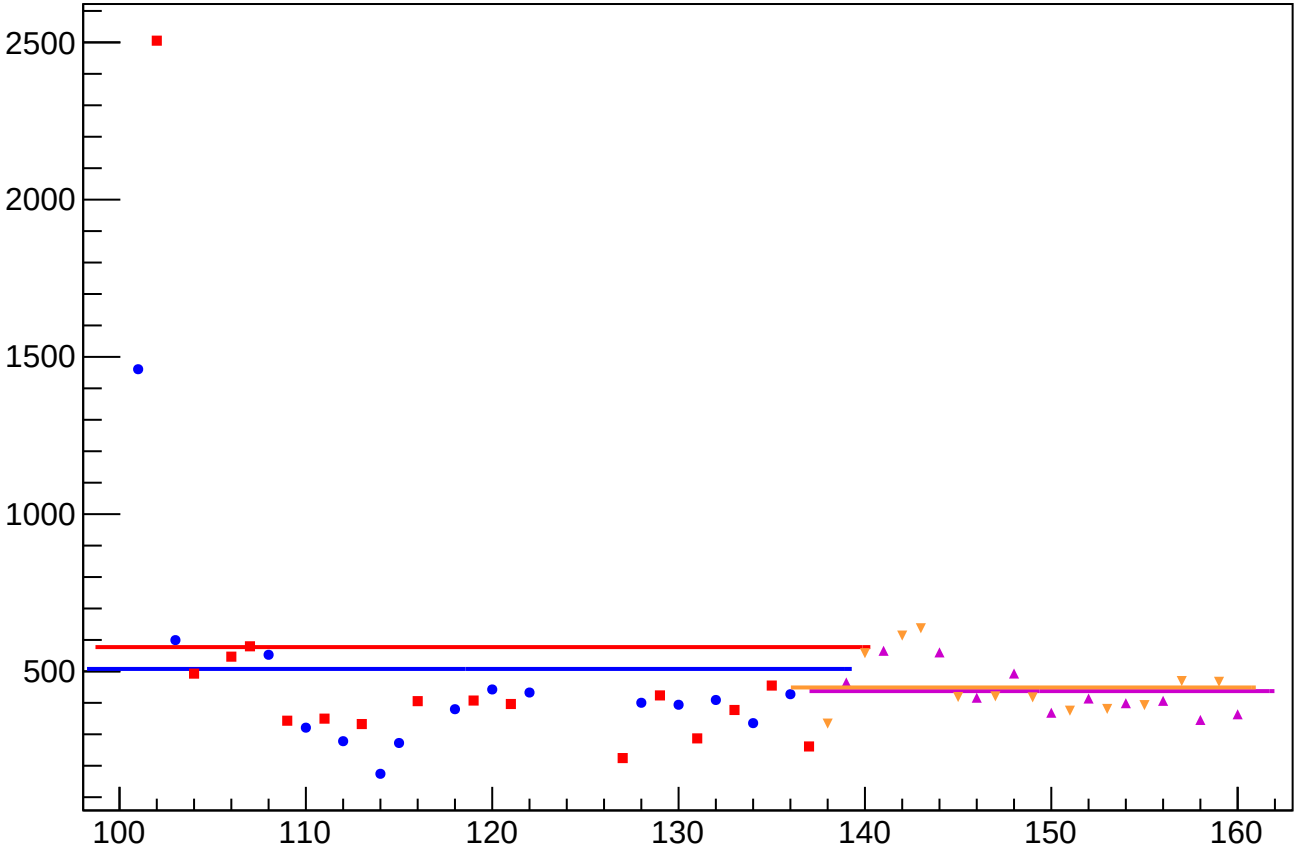
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
+ sign -1269.525+/-0.000 χ^2/NDF: 4097990392534
Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11
All: -1305.037+/-0.000 χ^2/NDF: 1597961645
Right Out: -1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15
- sign -1339.925+/-0.000 χ^2/NDF: 1187771840458 3
Left In: -1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Left Out: 448.905+/-0.000 χ^2/NDF:69724449690417259297441114941481287 68.0/11

Right Out: 577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

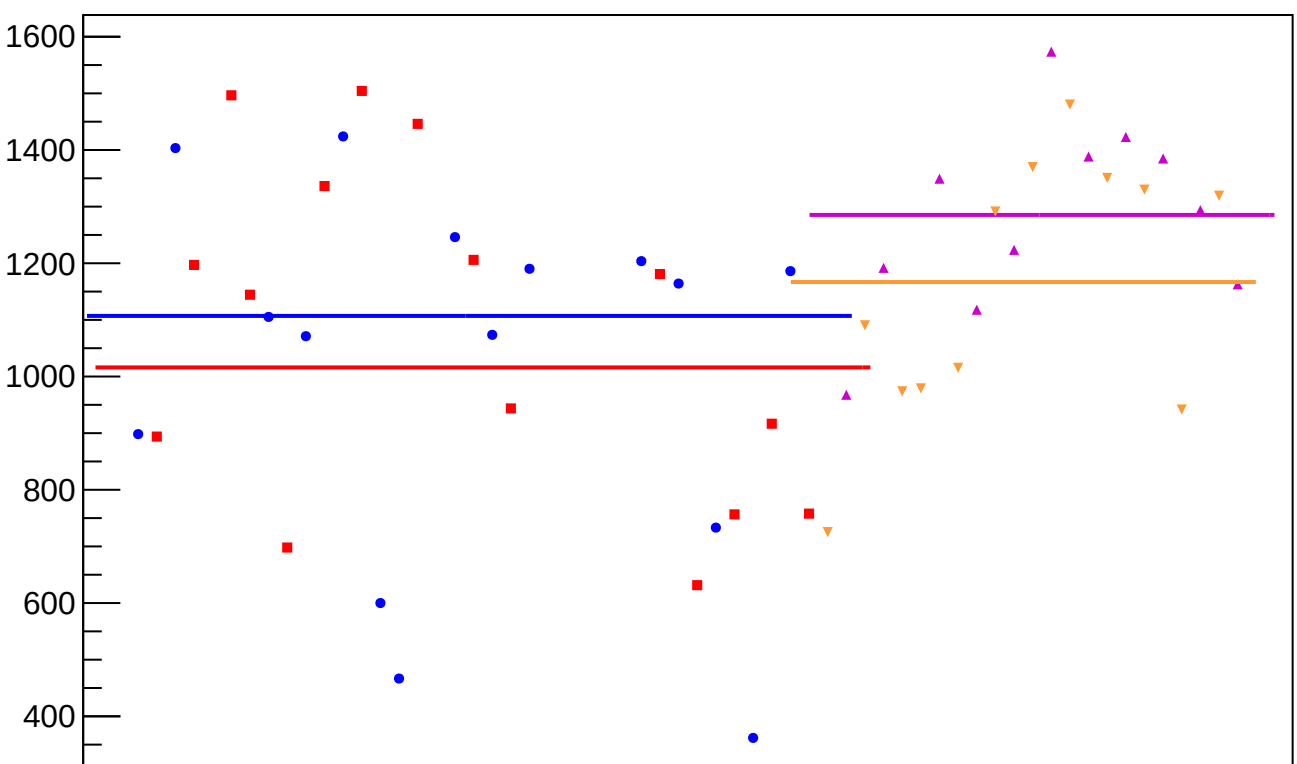
Left In: 437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10

+ sign 473.363+/-0.000 χ^2/NDF: 724292062329366

All: 484.772+/-0.000 χ^2/NDF: 32658142352 7

- sign 495.981+/-0.000 χ^2/NDF: 253748895345900

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

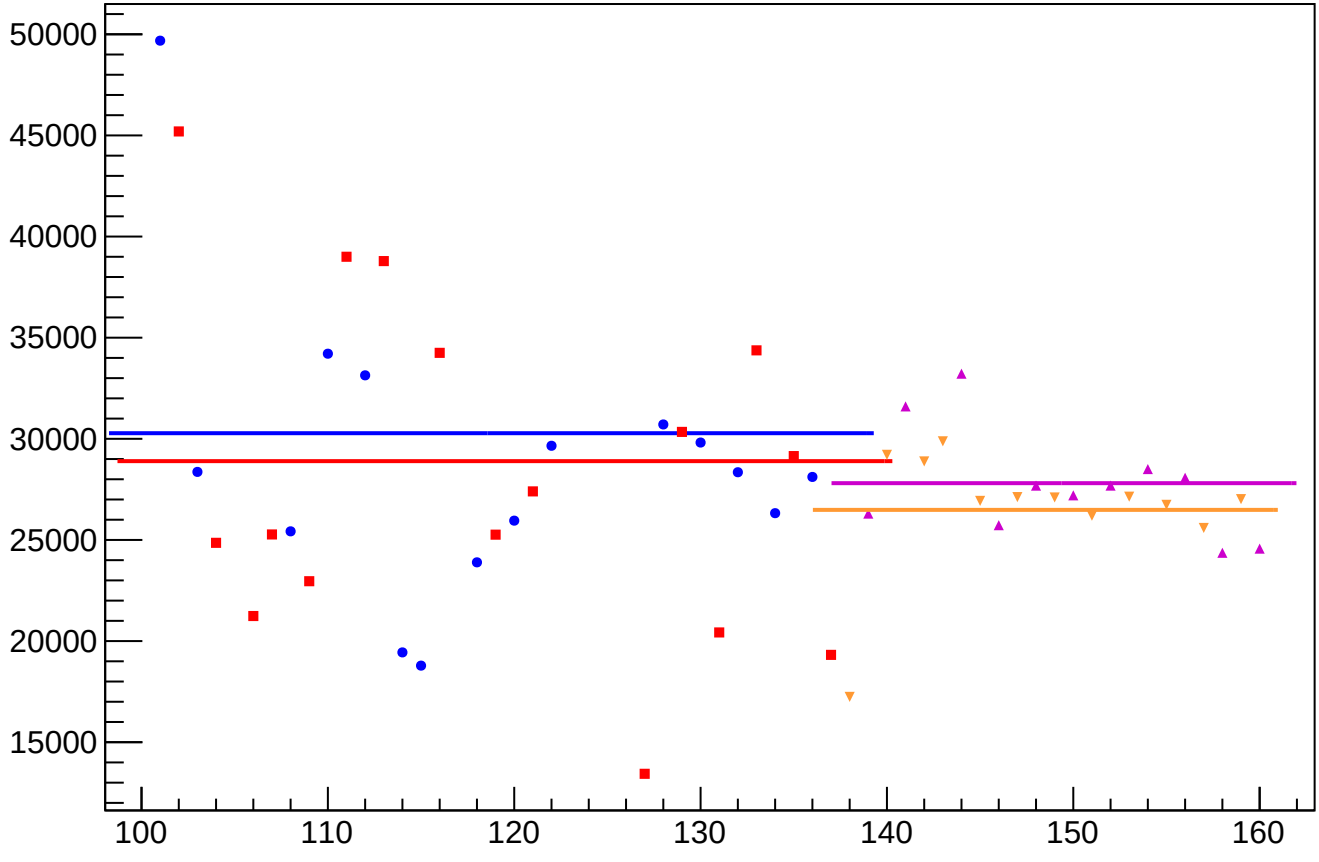
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

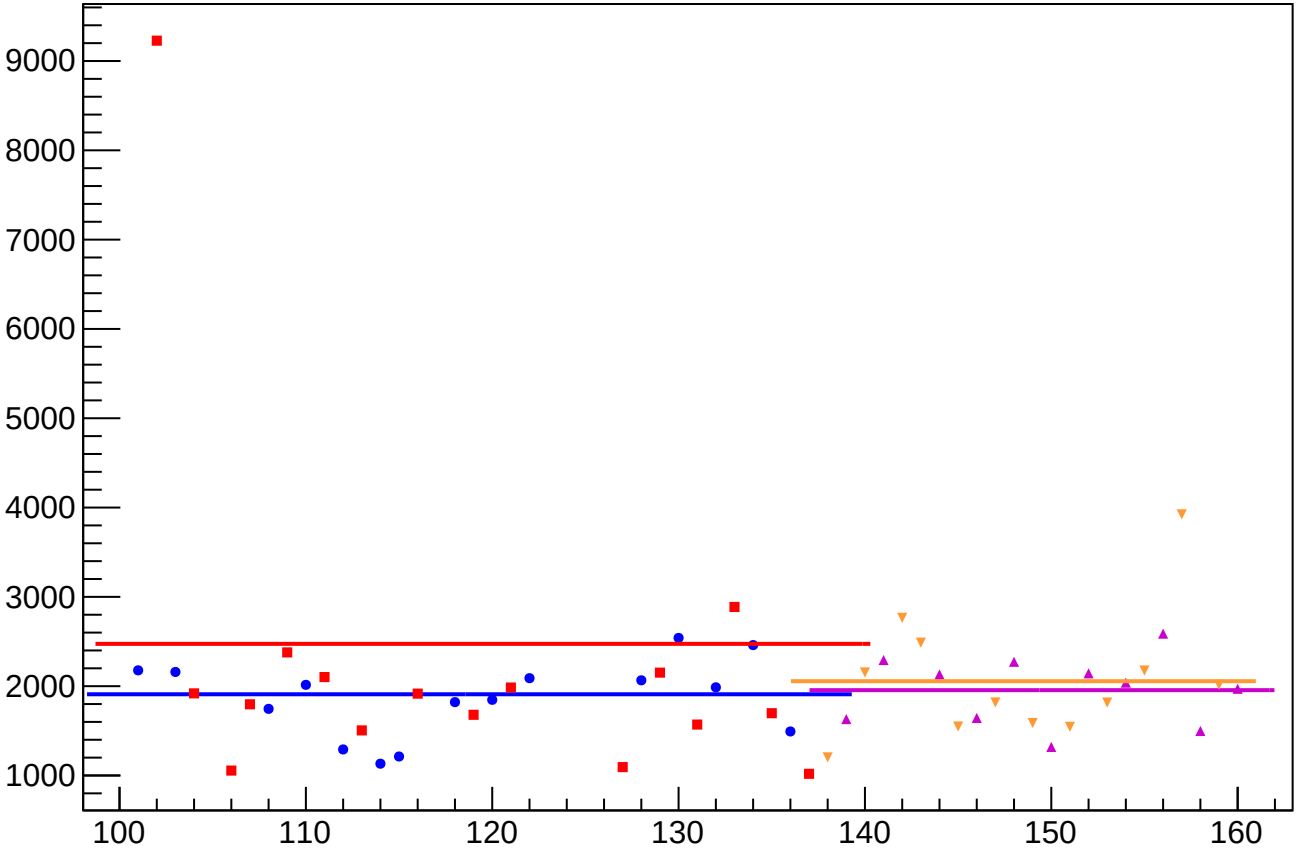
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atr2_coil4_mean vs Slug



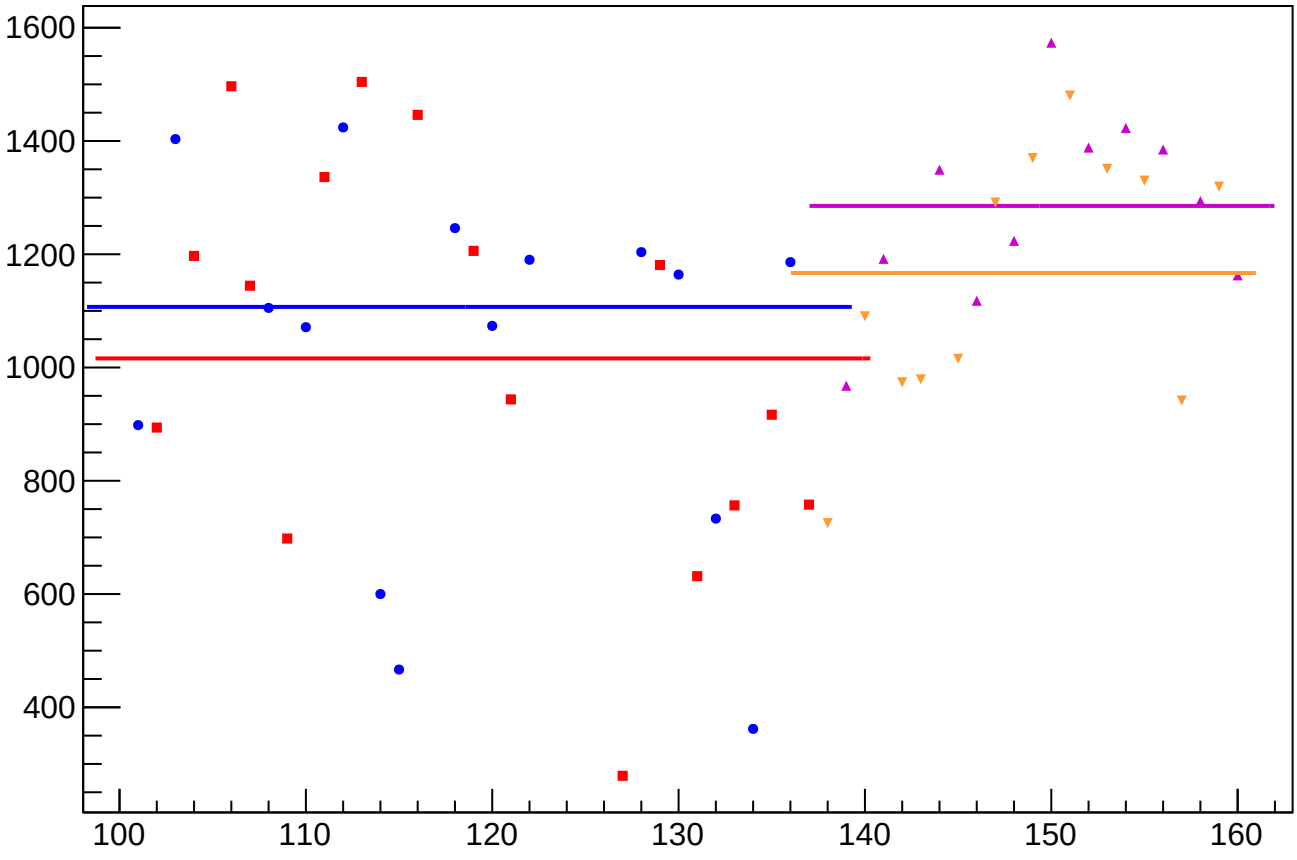
Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14
+ sign 28060.820+/-0.000 χ^2/NDF: 4495105358177
Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11
All: 28163.219+/-0.000 χ^2/NDF: 986055664 7
Right Out: 28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15
- sign 28263.816+/-0.000 χ^2/NDF: 5362202344062
Left In: 27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
+ sign 1995.018+/-0.000 χ^2/NDF: 5337762569447 3
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
All: 2084.675+/-0.000 χ^2/NDF: 3823708197 3
Right Out: 2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
- sign 2172.754+/-0.000 χ^2/NDF: 32650251724153
Left In: 1955.312+/-0.000 χ^2/NDF:1269090523838381660352940821773476167 68.0/10

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

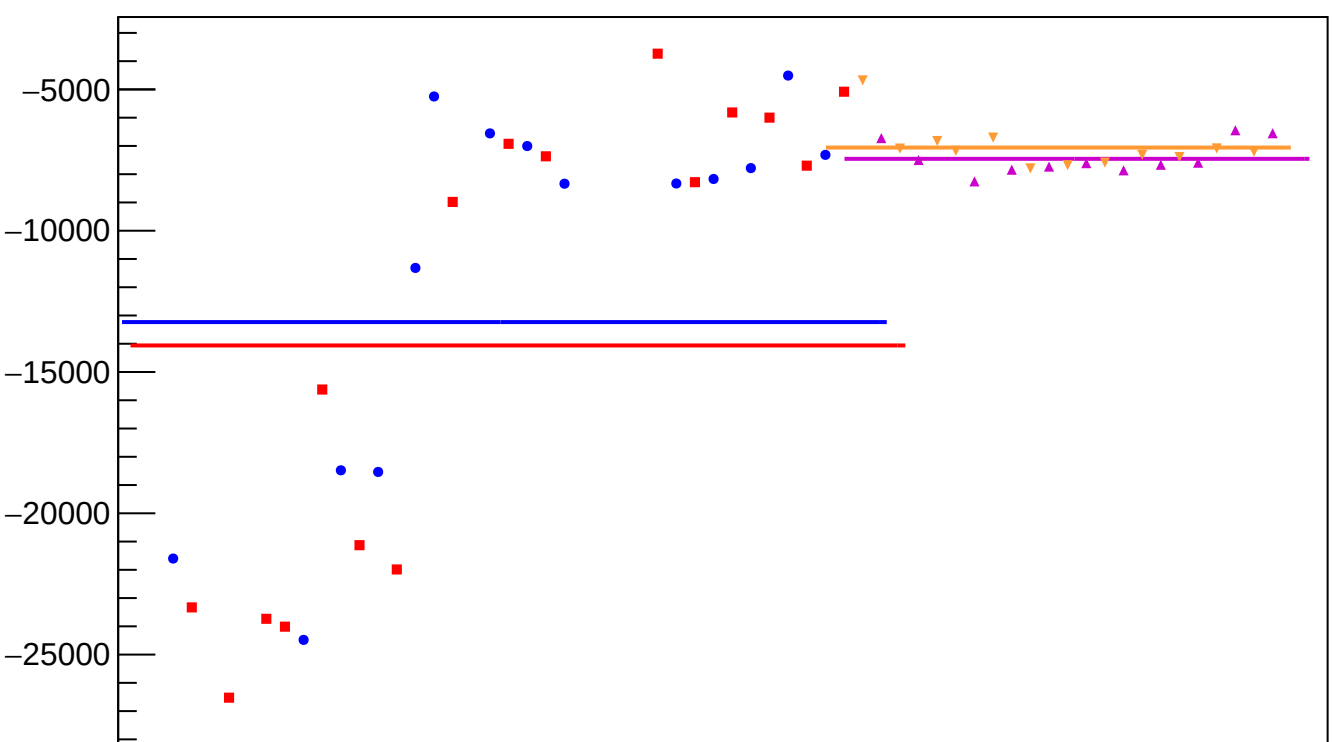
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

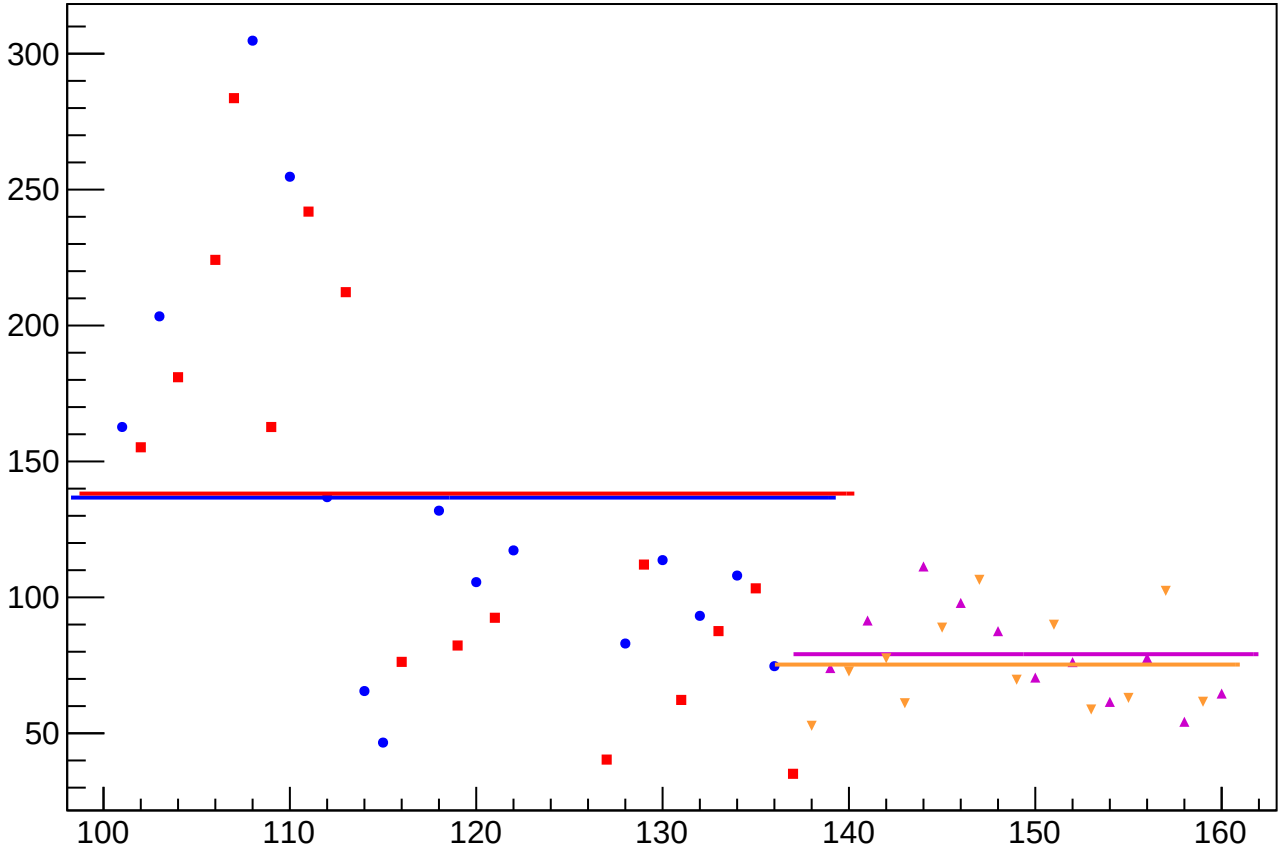
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14
+ sign -9621.893+/-0.000 χ^2/NDF: 5629932940229
Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11
All: -9925.988+/-0.000 χ^2/NDF: 1182552632
Right Out: -14060.103+/-0.000 χ^2/NDF: 4449059475428016176640555691571138684 5184.0/15
- sign -10224.731+/-0.000 χ^2/NDF: 6166940420799
Left In: -7456.124+/-0.000 χ^2/NDF:2845543245897785588421294473169233510 40.0/10

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

+ sign 100.788+/-0.000 χ^2/NDF: 439084065337808

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

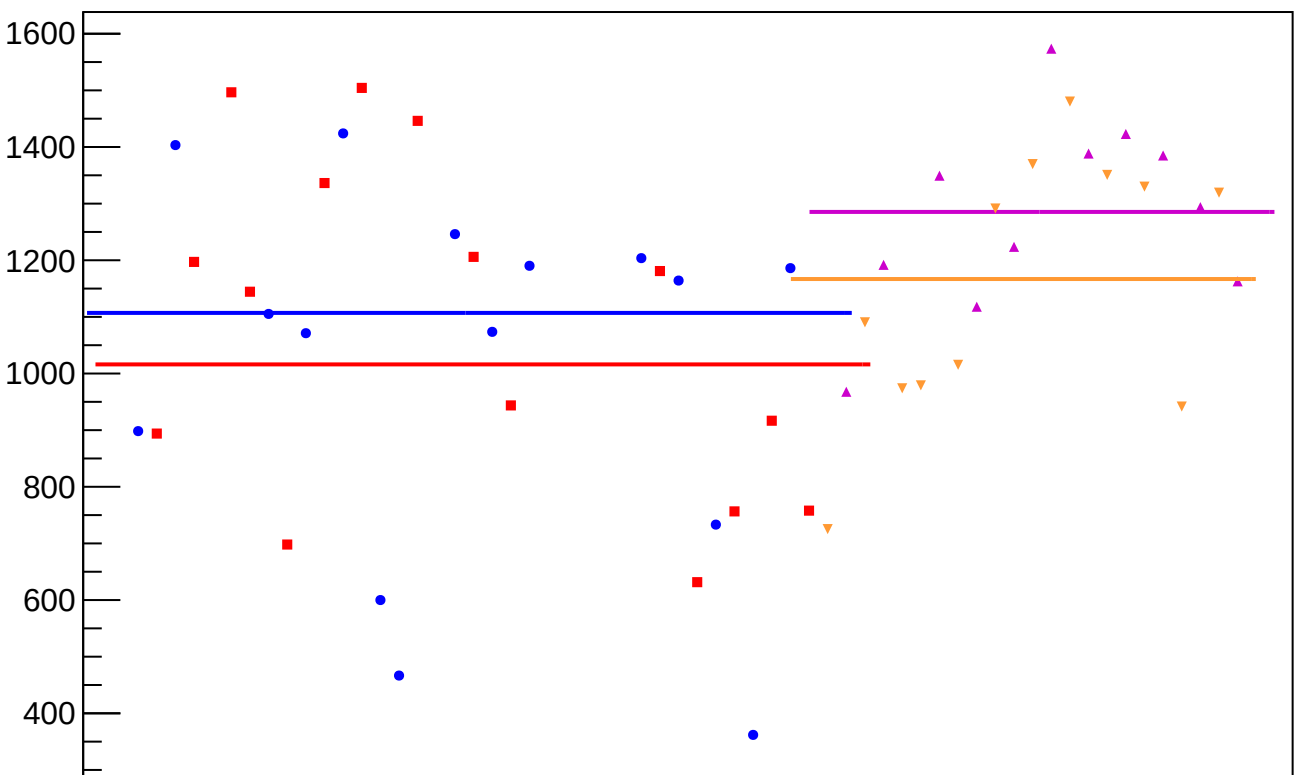
All: 102.340+/-0.000 χ^2/NDF: 92254045368 5

Right Out: 138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

- sign 103.866+/-0.000 χ^2/NDF: 482709269231347

Left In: 79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

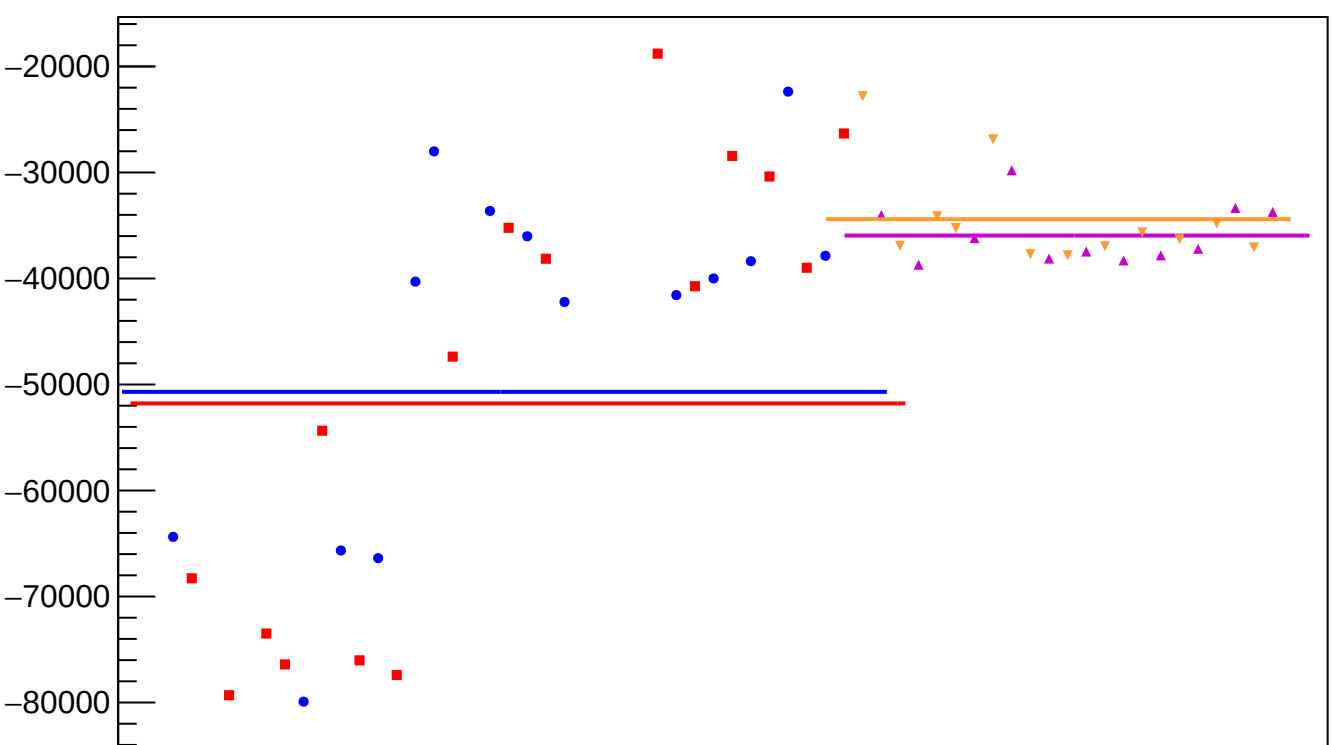
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

Right Out: -51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

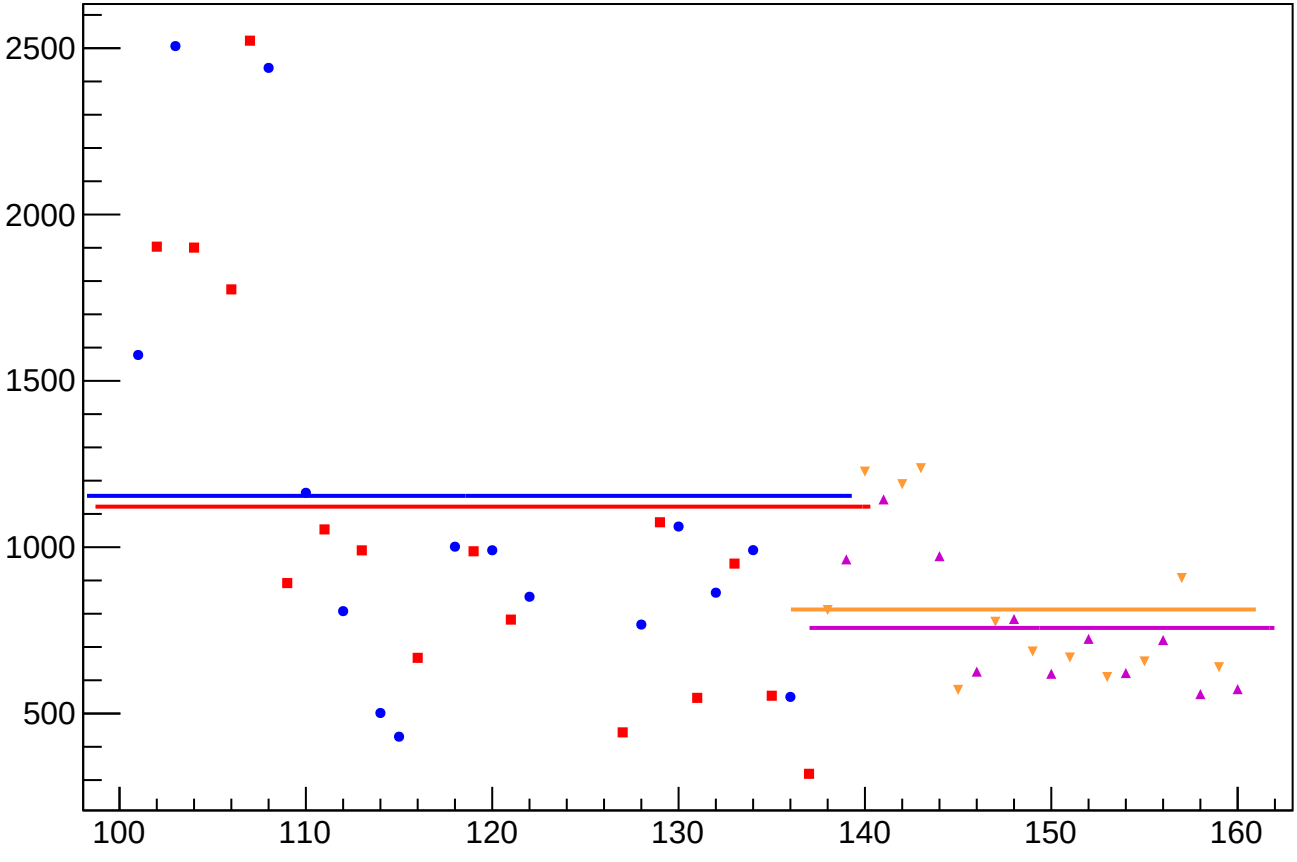
Left In: -35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

+ sign -41169.025+/-0.000 χ^2/NDF: 346153436808

All: -41884.763+/-0.000 χ^2/NDF: 733189271

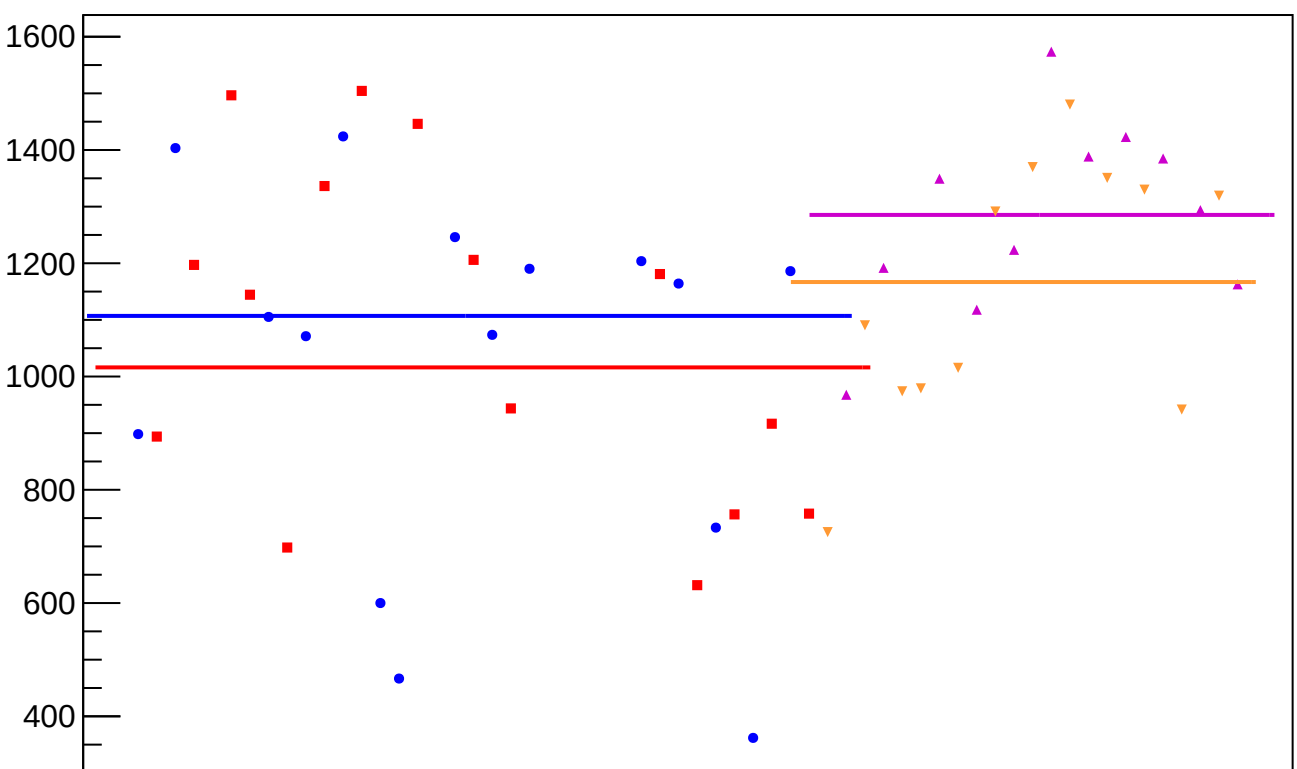
- sign -42587.904+/-0.000 χ^2/NDF: 3854485377902

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14
+ sign 954.594+/-0.000 χ^2/NDF: 342415954696427
Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11
All: 932.198+/-0.000 χ^2/NDF: 65265633909 9
Right Out: 1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
- sign 910.195+/-0.000 χ^2/NDF: 308686161162215
Left In: 757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

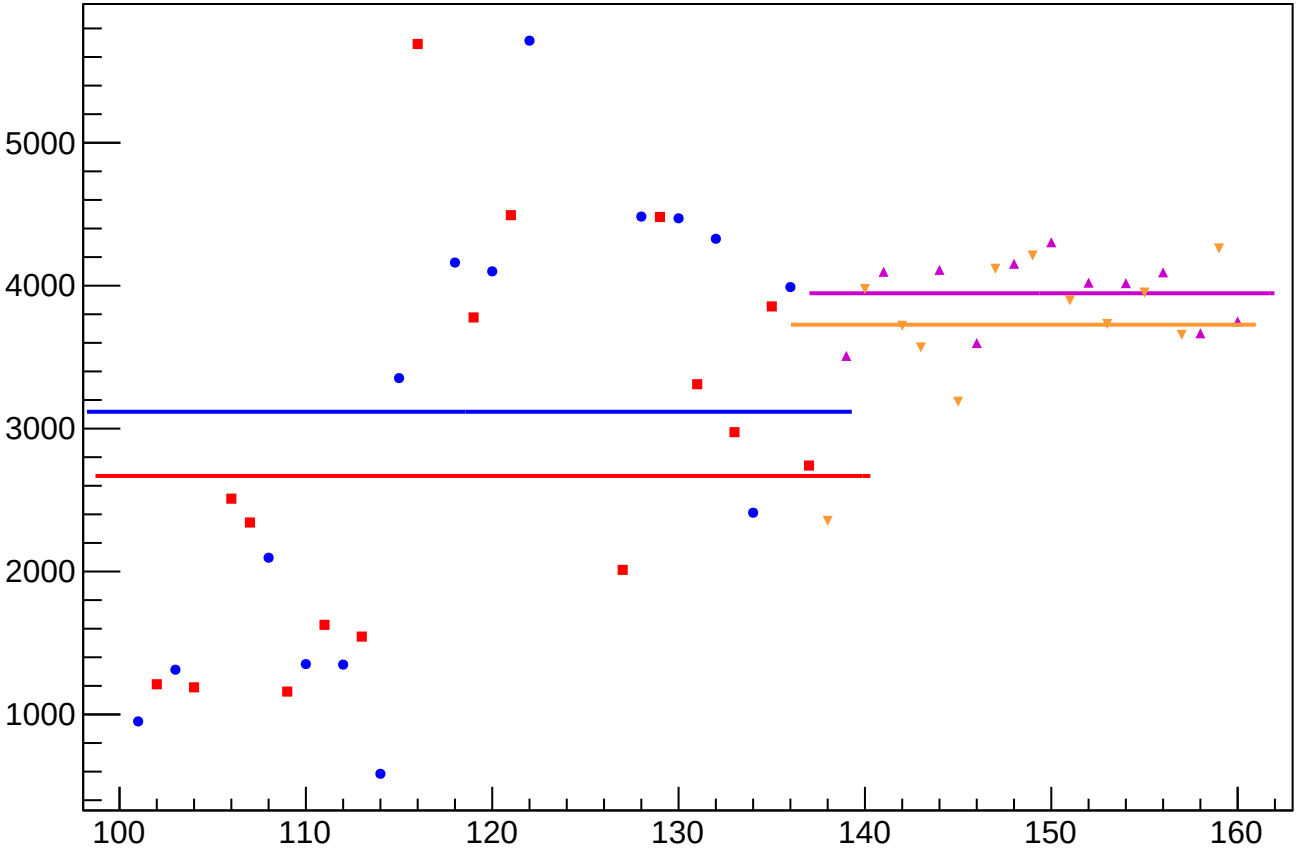
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

+ sign 3474.146+/-0.000 χ^2/NDF: 19310560227592

Left Out: 3727.095+/-0.000 χ^2/NDF:2374776785615428602928258343291857 14176.0/11

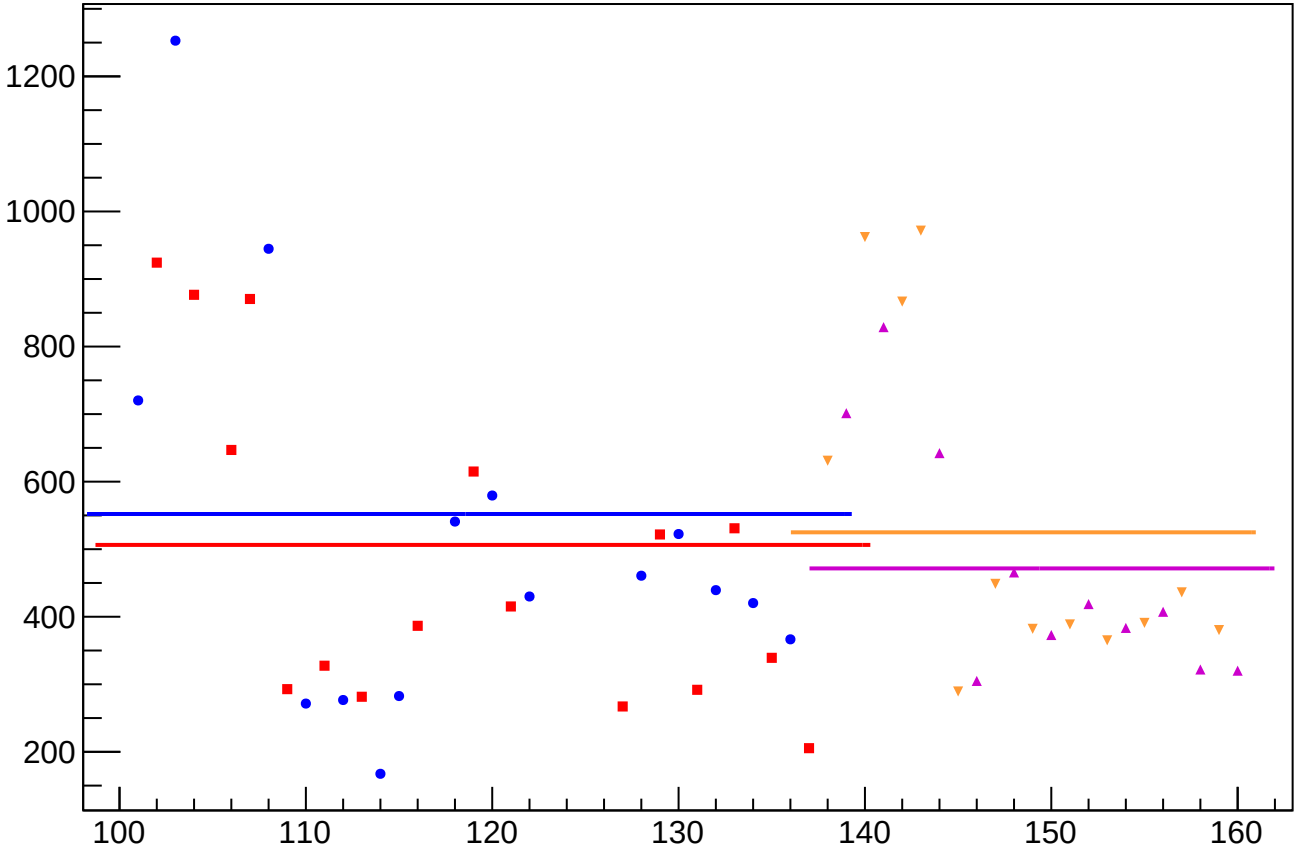
All: 3442.374+/-0.000 χ^2/NDF: 3760490456 8

Right Out: 2668.794+/-0.000 χ^2/NDF: 113640628613109859600005442213125711 4624.0/15

- sign 3411.160+/-0.000 χ^2/NDF: 18263065086829

Left In: 3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

+ sign 536.247+/-0.000 χ^2/NDF: 1001388645734 36

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

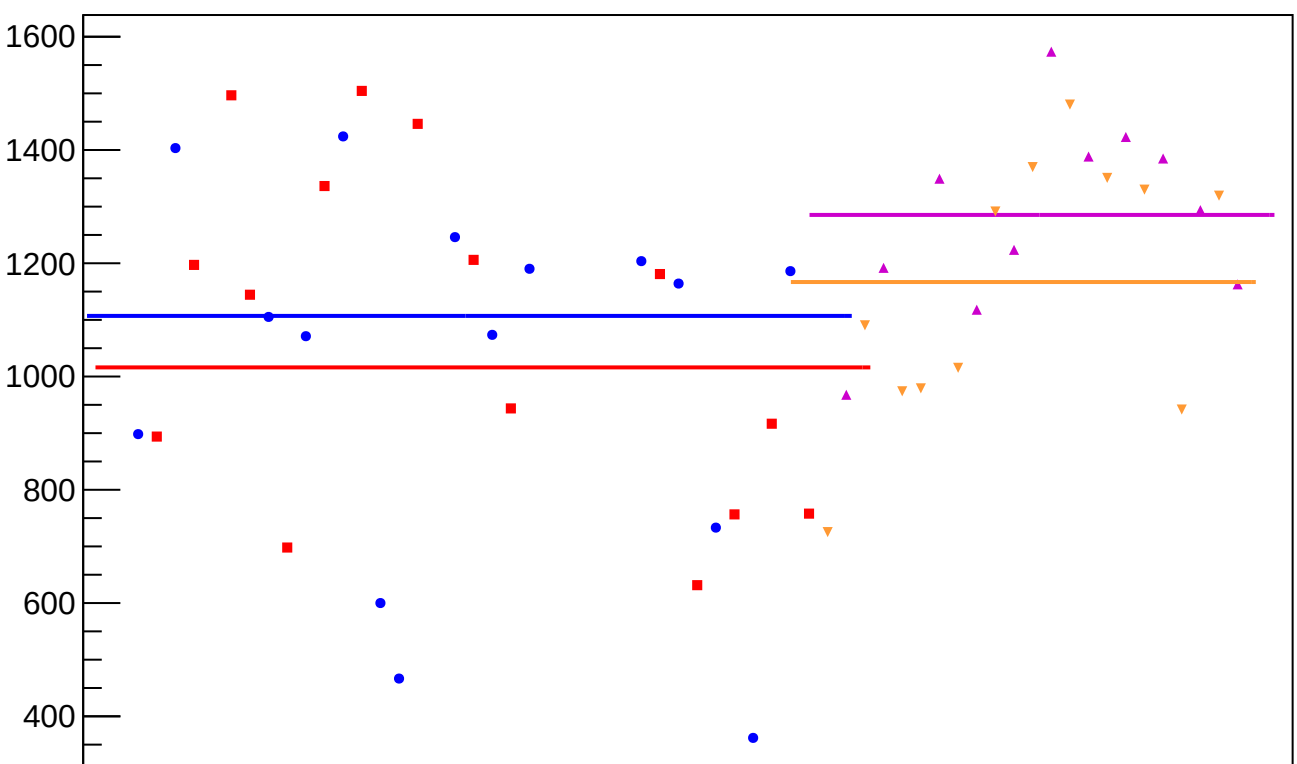
All: 510.967+/-0.000 χ^2/NDF: 16545089304 3

Right Out: 506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

- sign 486.131+/-0.000 χ^2/NDF: 633318102977421

Left In: 471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

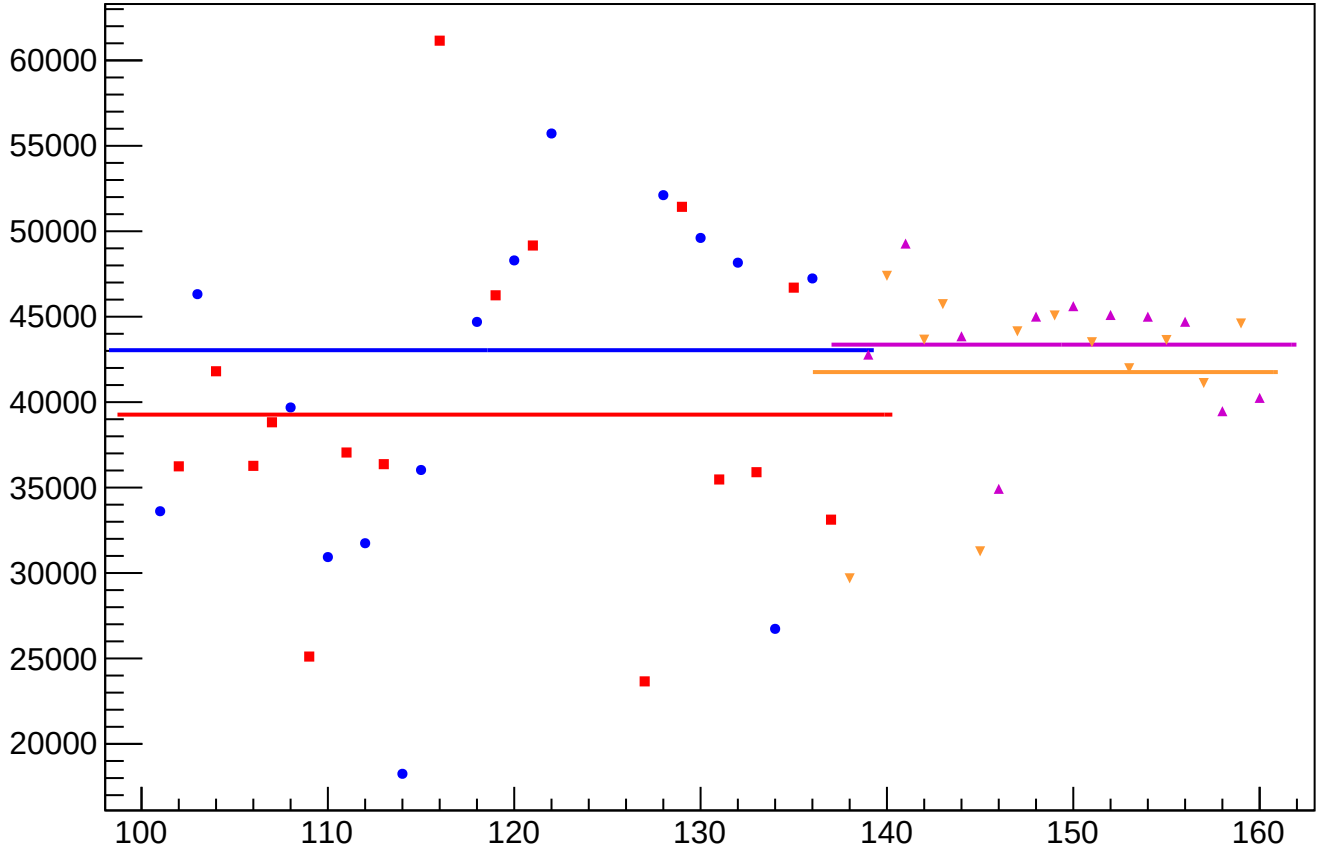
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF: 4839705292256172265266678640755217950310 4.0/14

Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11

Right Out: 39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516736 0.0/15

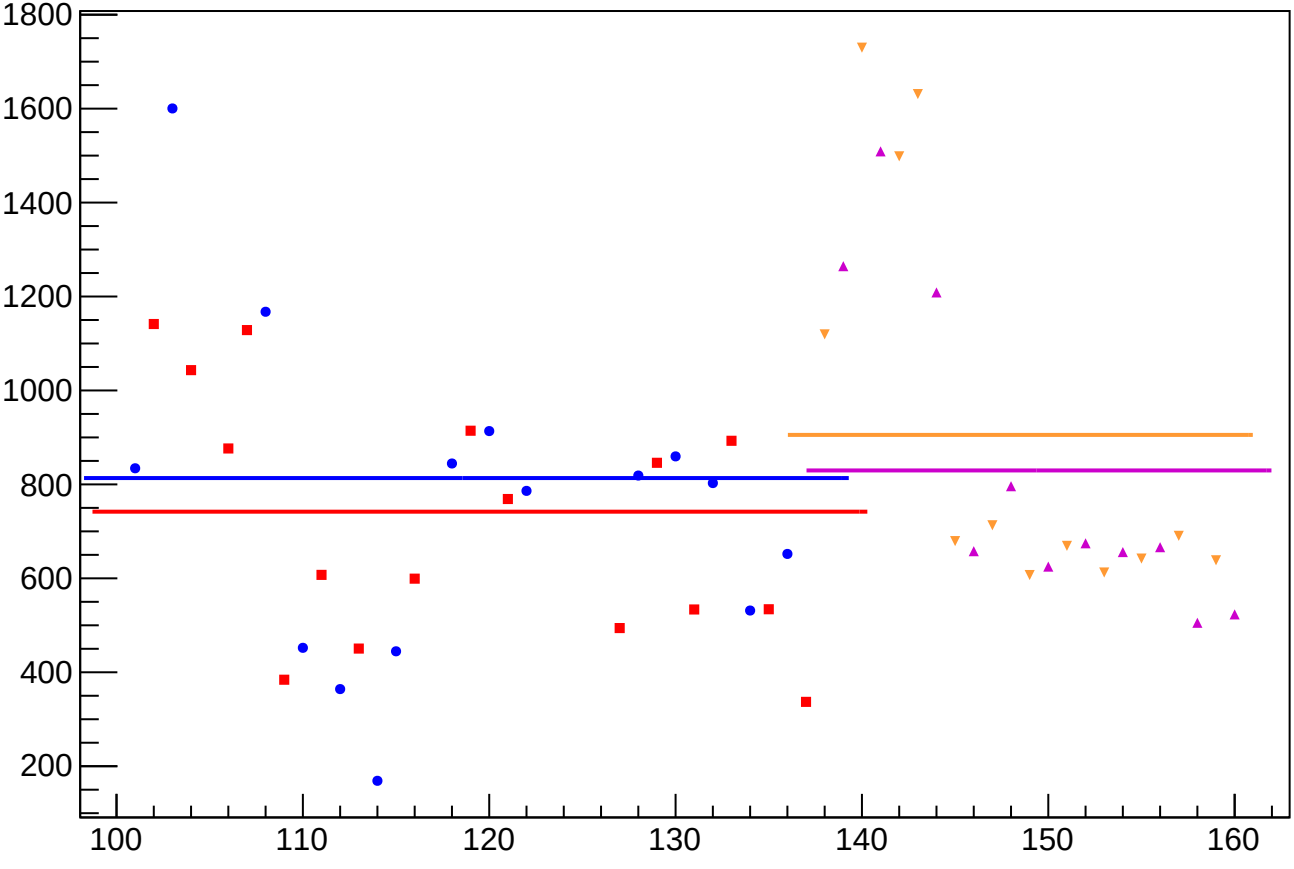
Left In: 43364.892+/-0.000 χ^2/NDF:1220969572368159224100018841495480251187 2.0/10

+ sign 42291.015+/-0.000 χ^2/NDF: 753580564952 9

All: 41966.664+/-0.000 χ^2/NDF: 146263445 5

- sign 41648.021+/-0.000 χ^2/NDF: 705794160217 9

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11

Right Out: 741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15

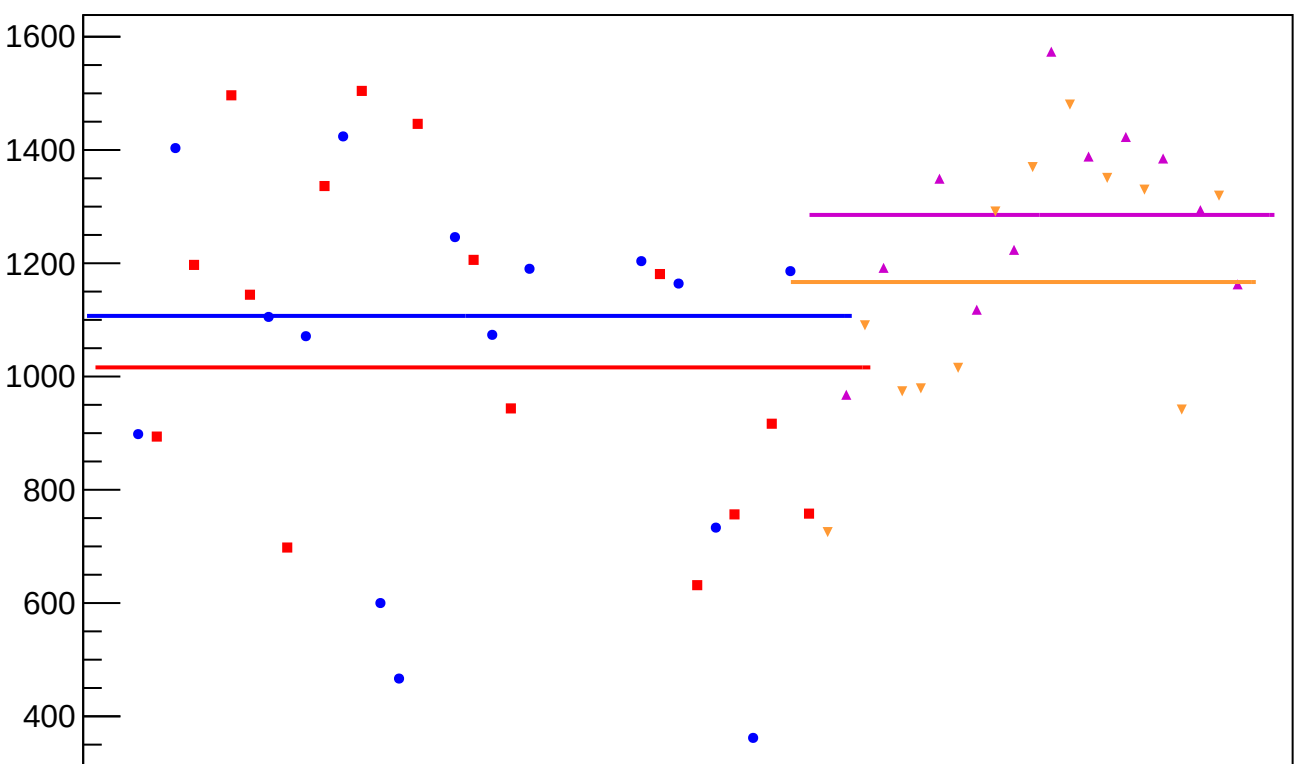
Left In: 829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10

+ sign 867.231+/-0.000 χ^2/NDF: 2219250858241 92

All: 829.738+/-0.000 χ^2/NDF: 3694191334 03

- sign 792.905+/-0.000 χ^2/NDF: 1431384508352 51

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

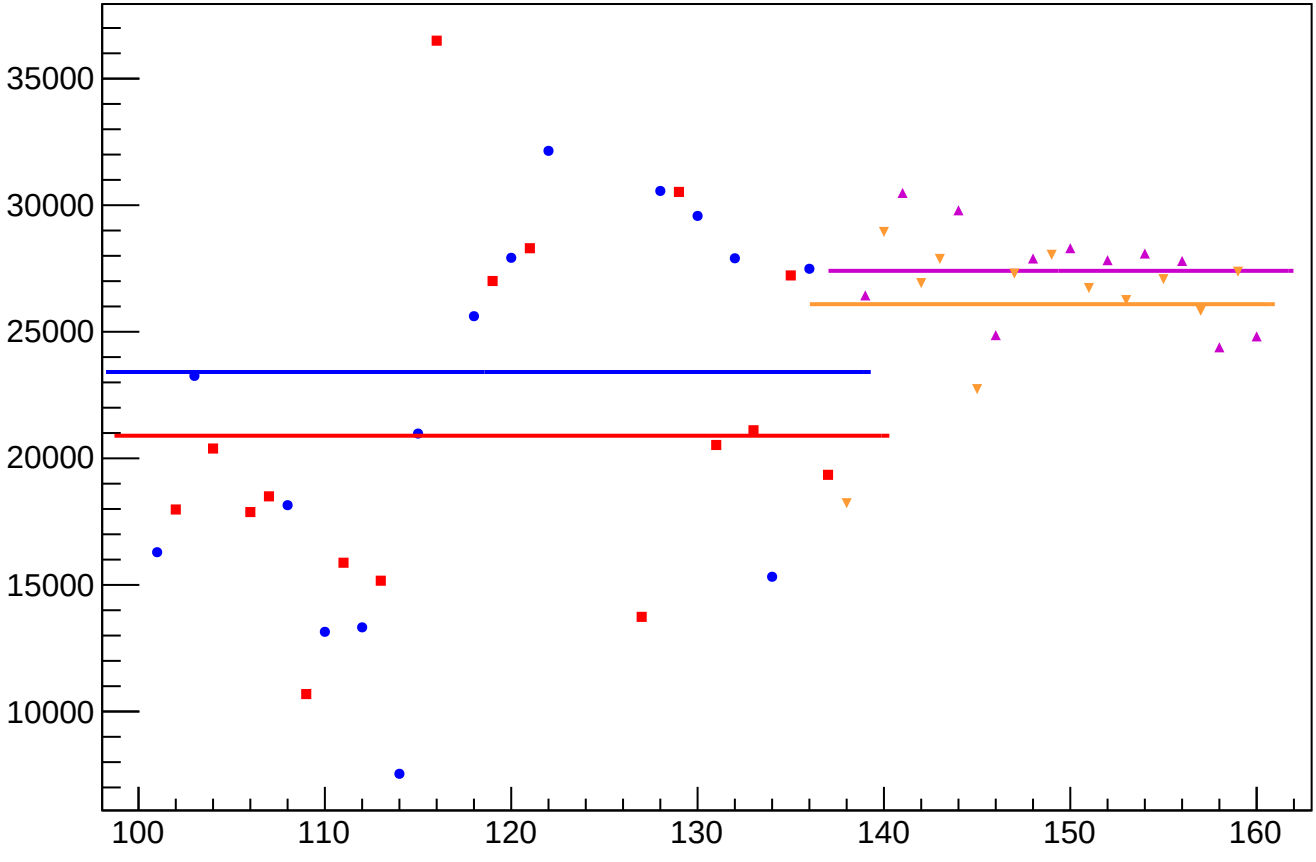
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Left Out: 26089.435+/-0.000 χ^2/NDF:7297474697325231234633060364075485102080.0/11

Right Out: 20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

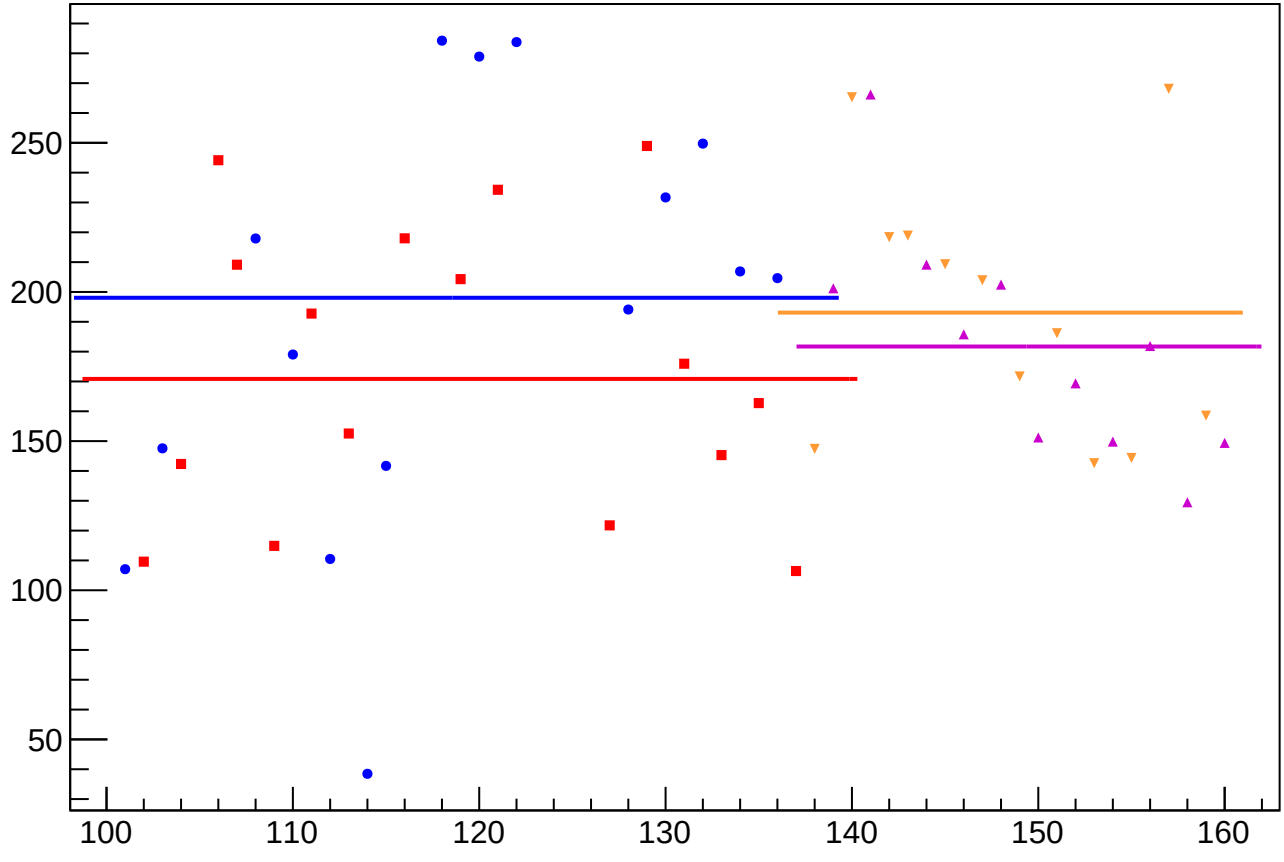
Left In: 27407.255+/-0.000 χ^2/NDF:3322659858866093858426557456838465421312.0/10

+ sign 24977.486+/-0.000 χ^2/NDF: 384465667924

All: 24825.775+/-0.000 χ^2/NDF: 856821548 9

- sign 24676.734+/-0.000 χ^2/NDF: 4716427212055

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Left Out: 193.084+/-0.000 χ^2/NDF:1682749705439949881122511912389574656.0/11

Right Out: 170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

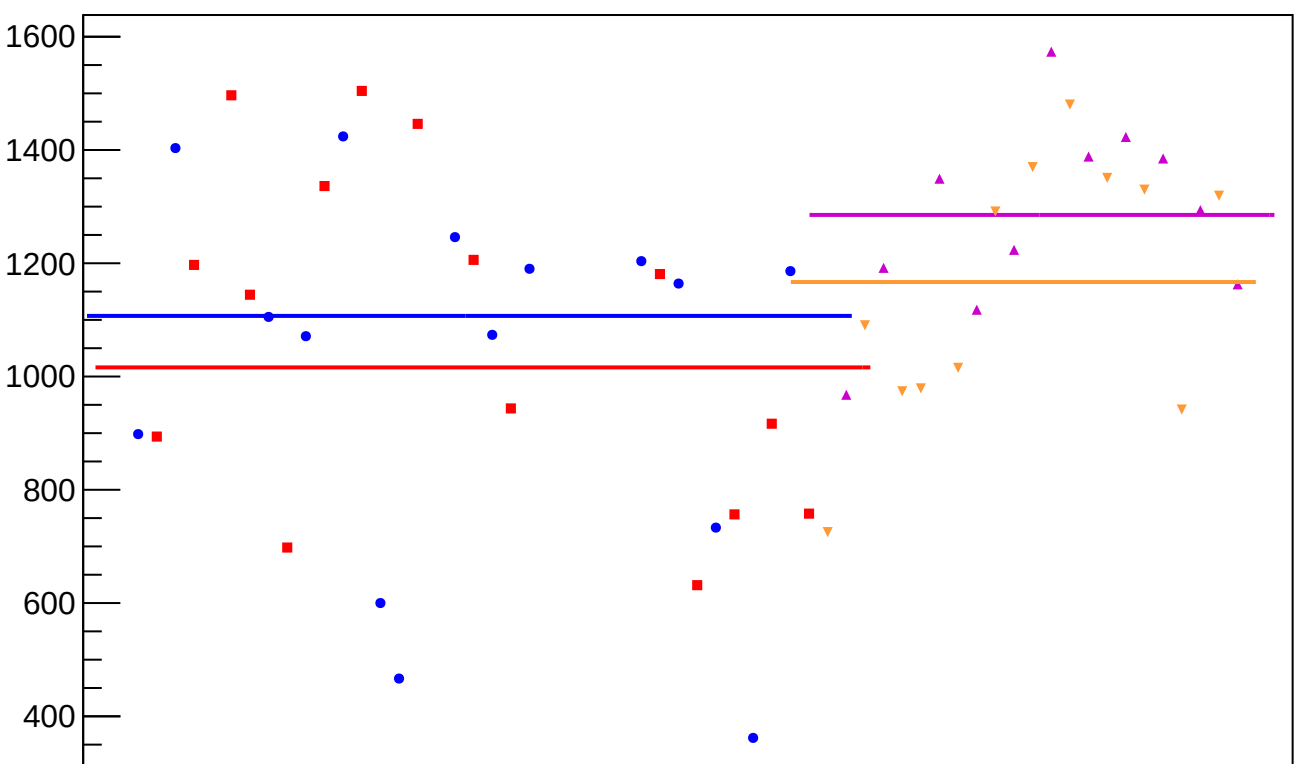
Left In: 181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

+ sign 195.148+/-0.000 χ^2/NDF: 417506015542371

All: 186.074+/-0.000 χ^2/NDF: 71227710861

- sign 177.159+/-0.000 χ^2/NDF: 269255092186089

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

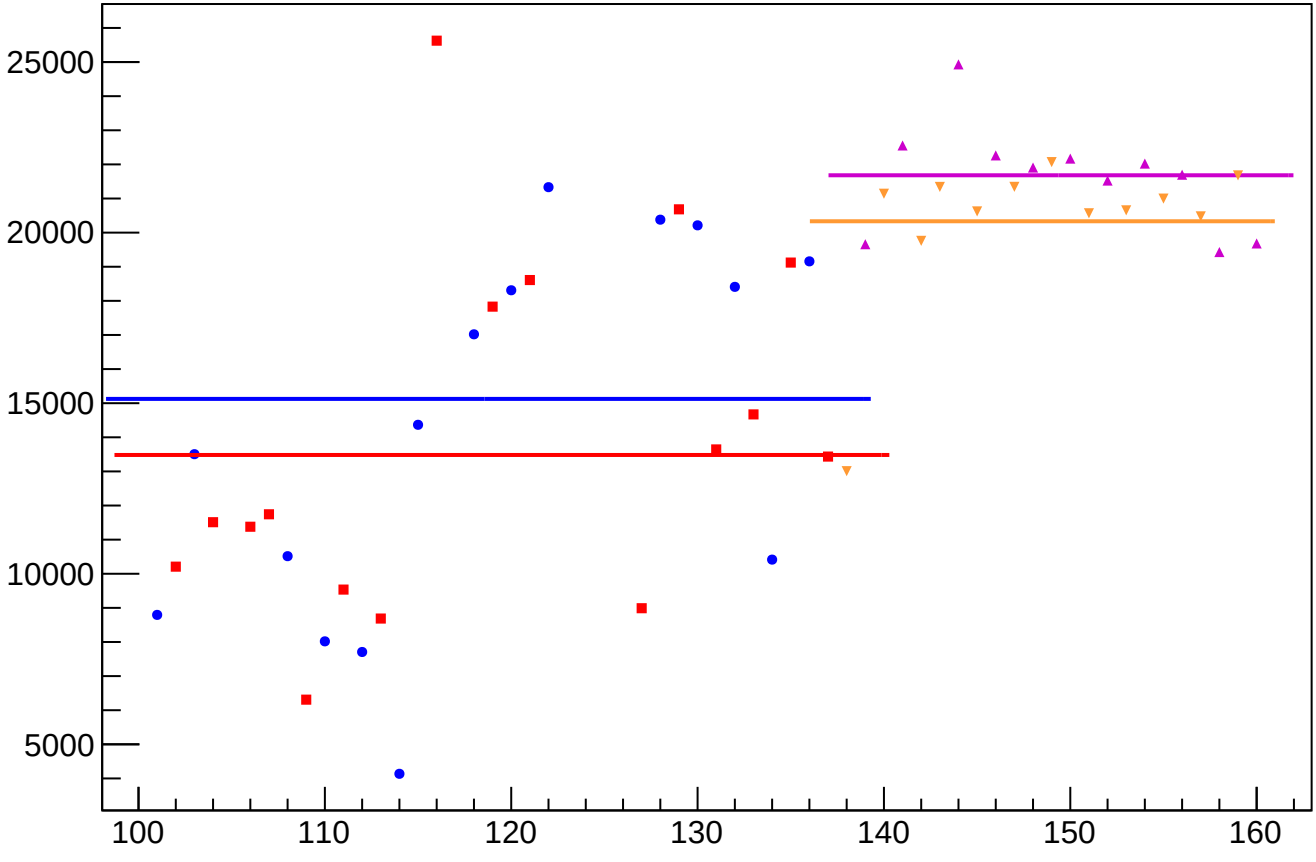
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

+ sign 18170.879+/-0.000 χ^2/NDF: 3176208714015

Left Out: 20333.061+/-0.000 χ^2/NDF:485594922577694276322685394036905423667 2.0/11

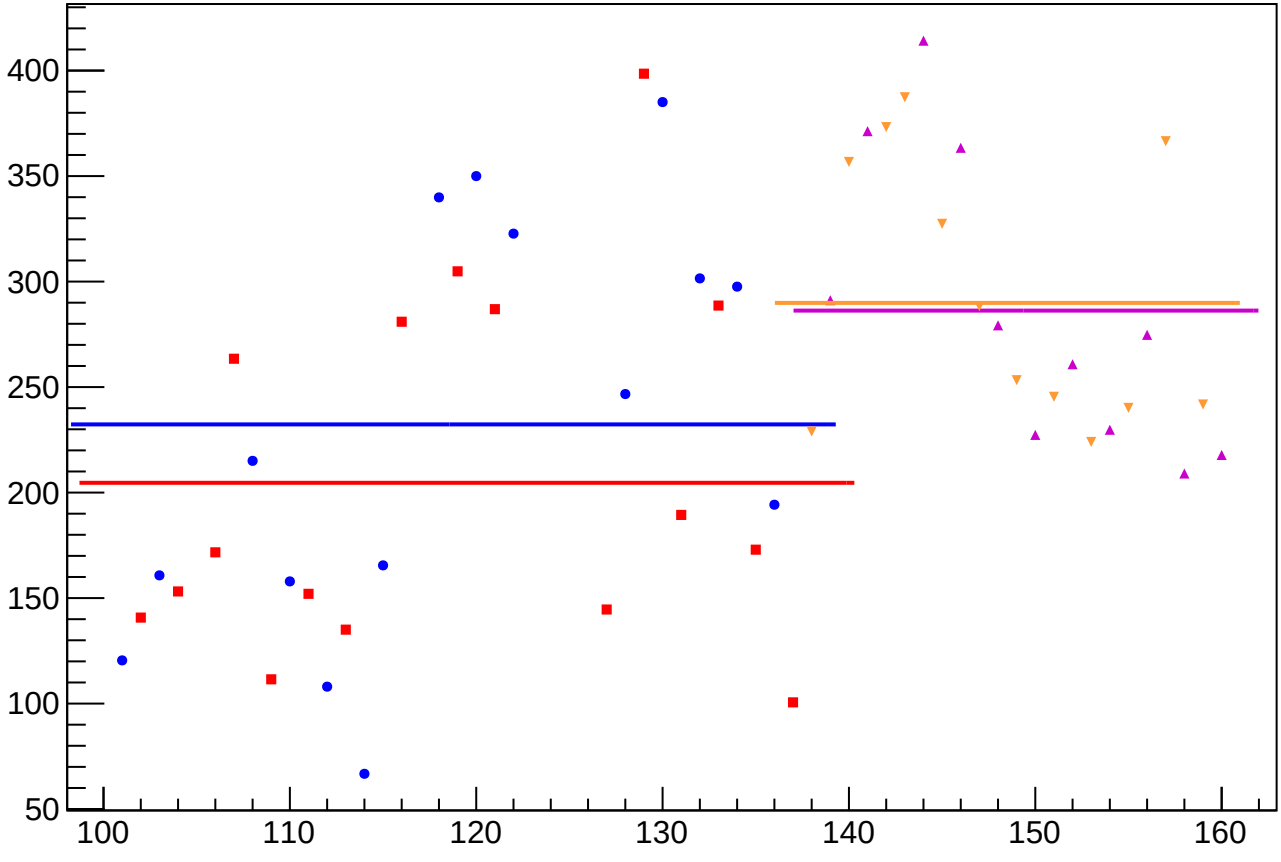
All: 18207.738+/-0.000 χ^2/NDF: 7582607940

Right Out: 13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

- sign 18243.949+/-0.000 χ^2/NDF: 4405978256455

Left In: 21681.241+/-0.000 χ^2/NDF:2108874573649202621711530332866310307840.0/10

dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

+ sign 265.986+/-0.000 χ^2/NDF: 993907240808893

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

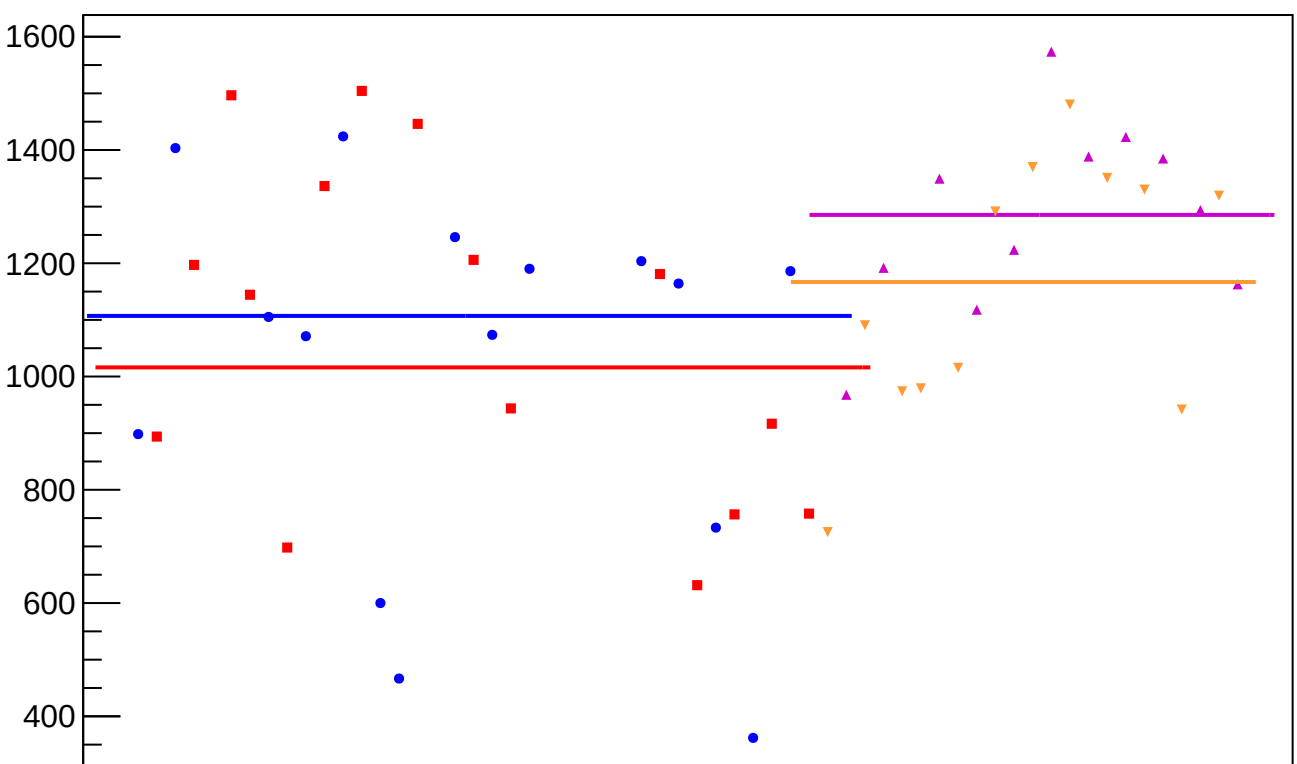
All: 258.948+/-0.000 χ^2/NDF: 212946744199

Right Out: 204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

- sign 252.033+/-0.000 χ^2/NDF: 112020972383493

Left In: 286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

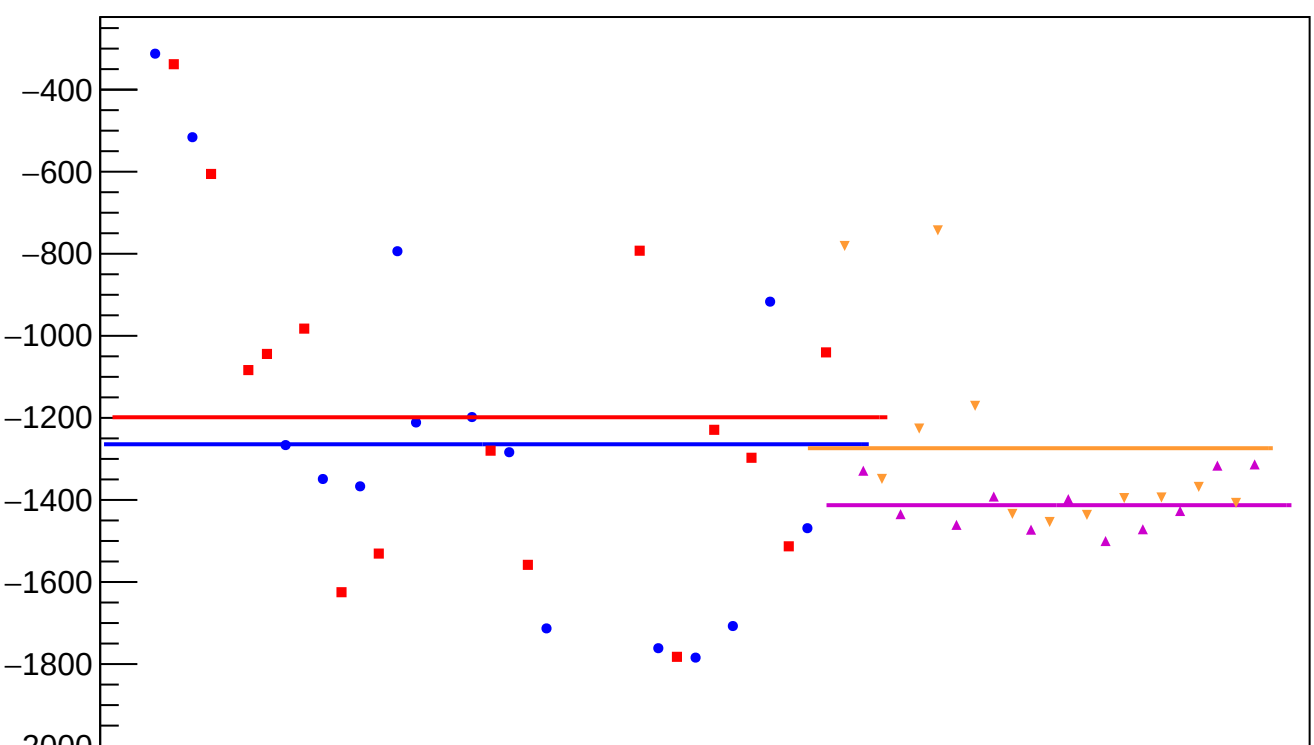
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

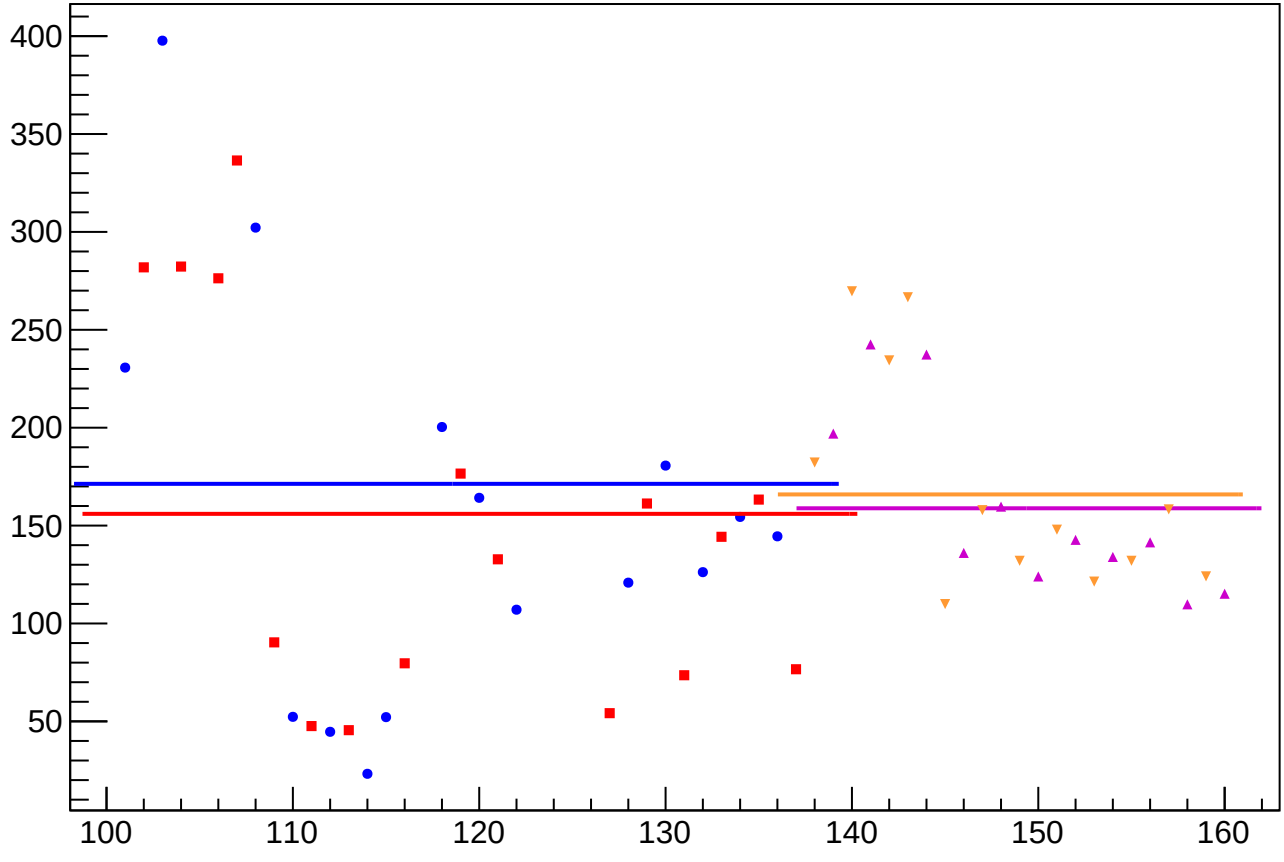
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam7_coil4_mean vs Slug



Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
+ sign -1269.922+/-0.000 χ^2/NDF: 1907675135798
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
All: -1296.664+/-0.000 χ^2/NDF: 3455789240
Right Out: -1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
- sign -1322.935+/-0.000 χ^2/NDF: 1525955901709
Left In: -1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11

Right Out: 155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15

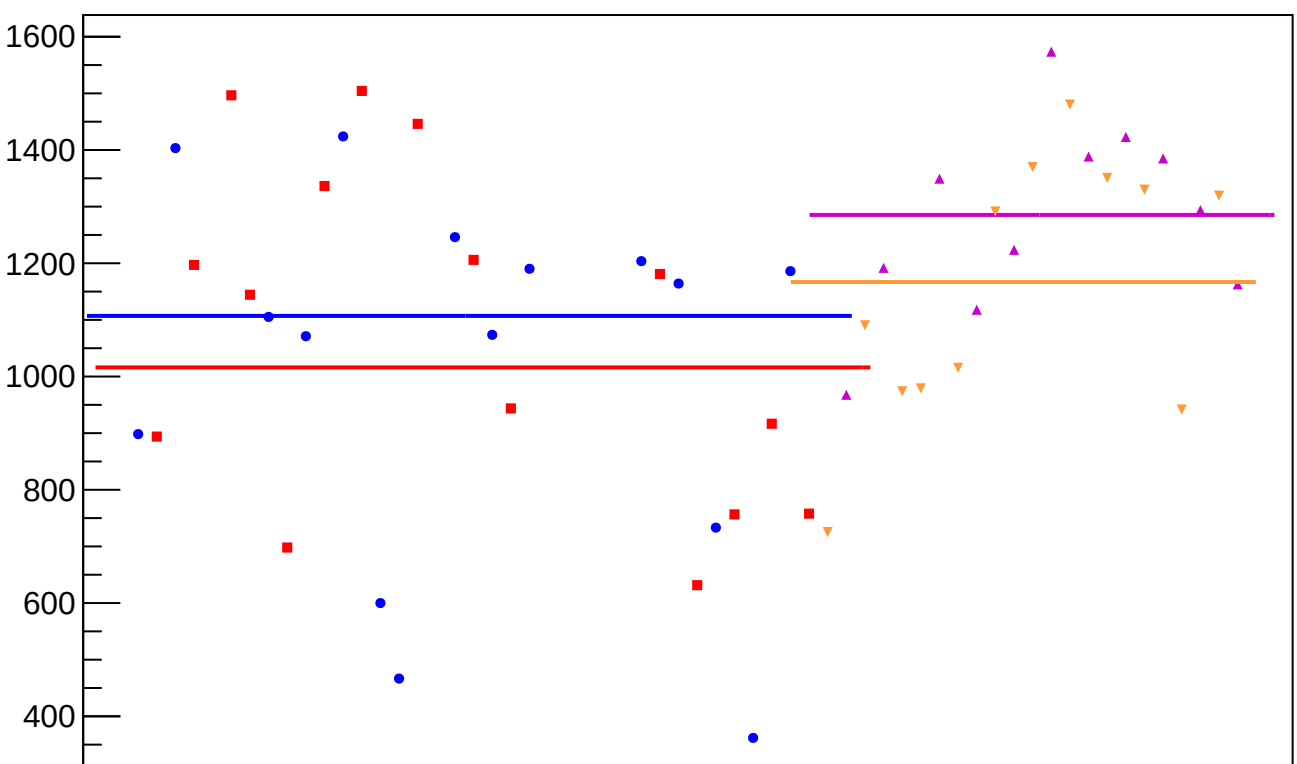
Left In: 158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10

+ sign 168.162+/-0.000 χ^2/NDF: 870698624432880

All: 162.856+/-0.000 χ^2/NDF: 16331319503

- sign 157.643+/-0.000 χ^2/NDF: 753709484799884

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

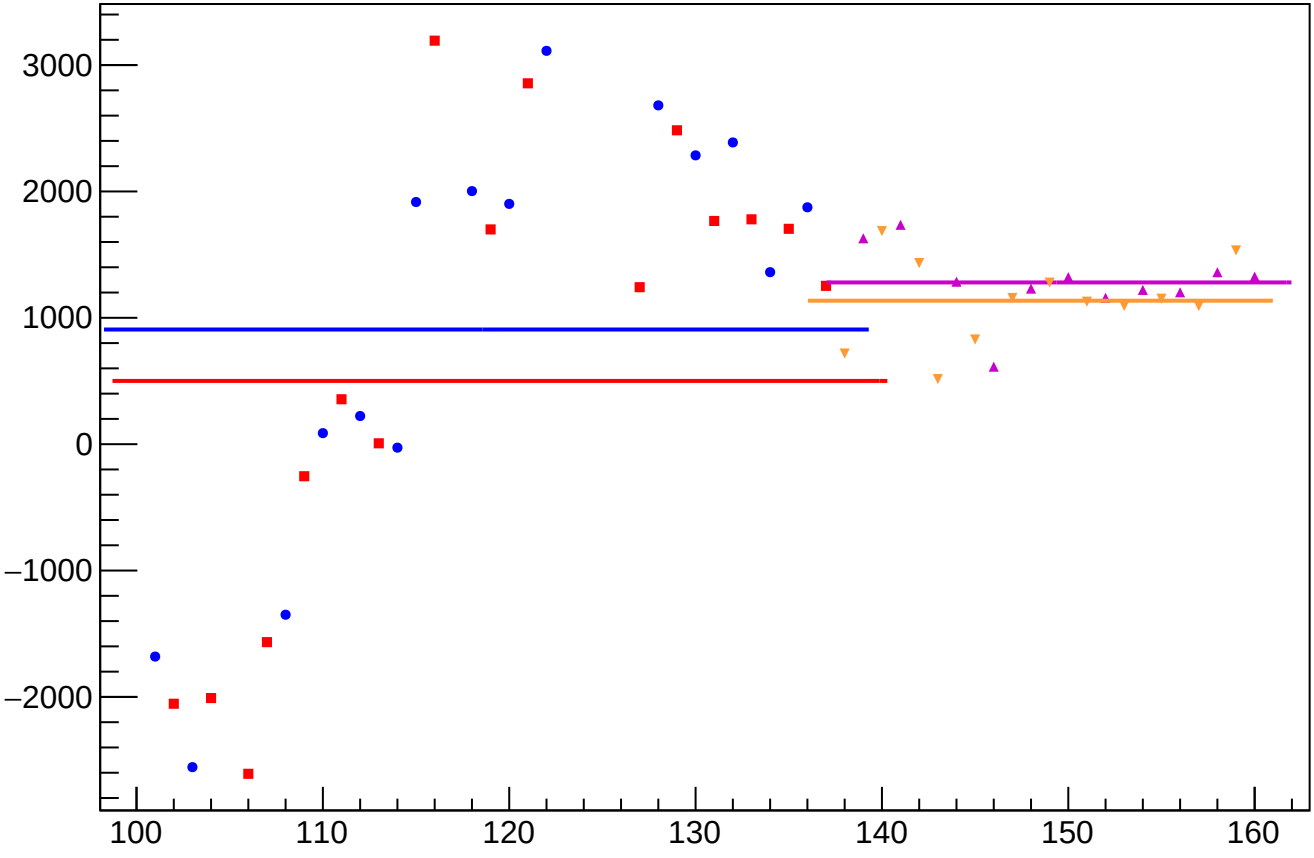
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

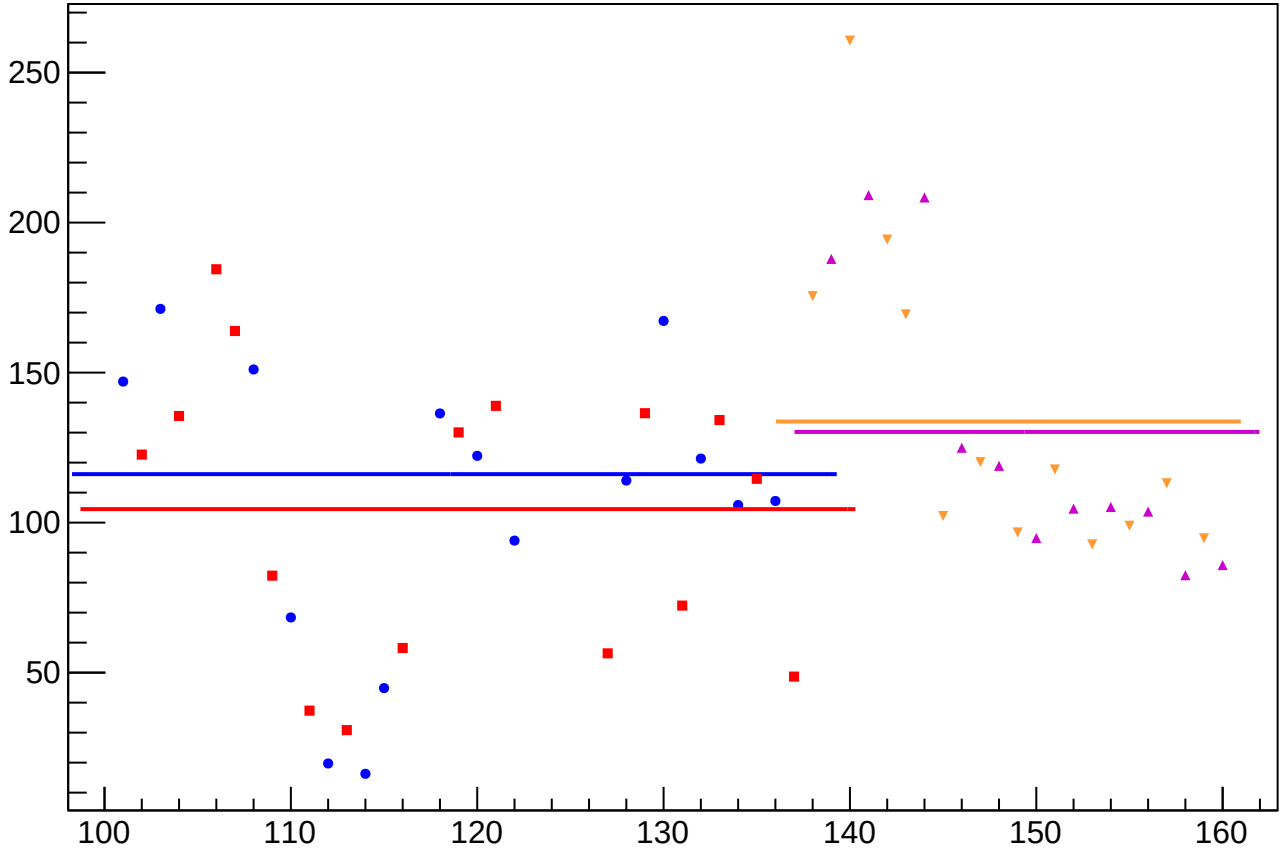
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam8_coil4_mean vs Slug



Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14
+ sign 1040.809+/-0.000 χ^2/NDF: 2217433289487
Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11
All: 996.658+/-0.000 χ^2/NDF: 46005561681
Right Out: 500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15
- sign 953.284+/-0.000 χ^2/NDF: 237708288217536
Left In: 1279.995+/-0.000 χ^2/NDF:675923047038840320285592394487824384 00.0/10

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11

Right Out: 104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

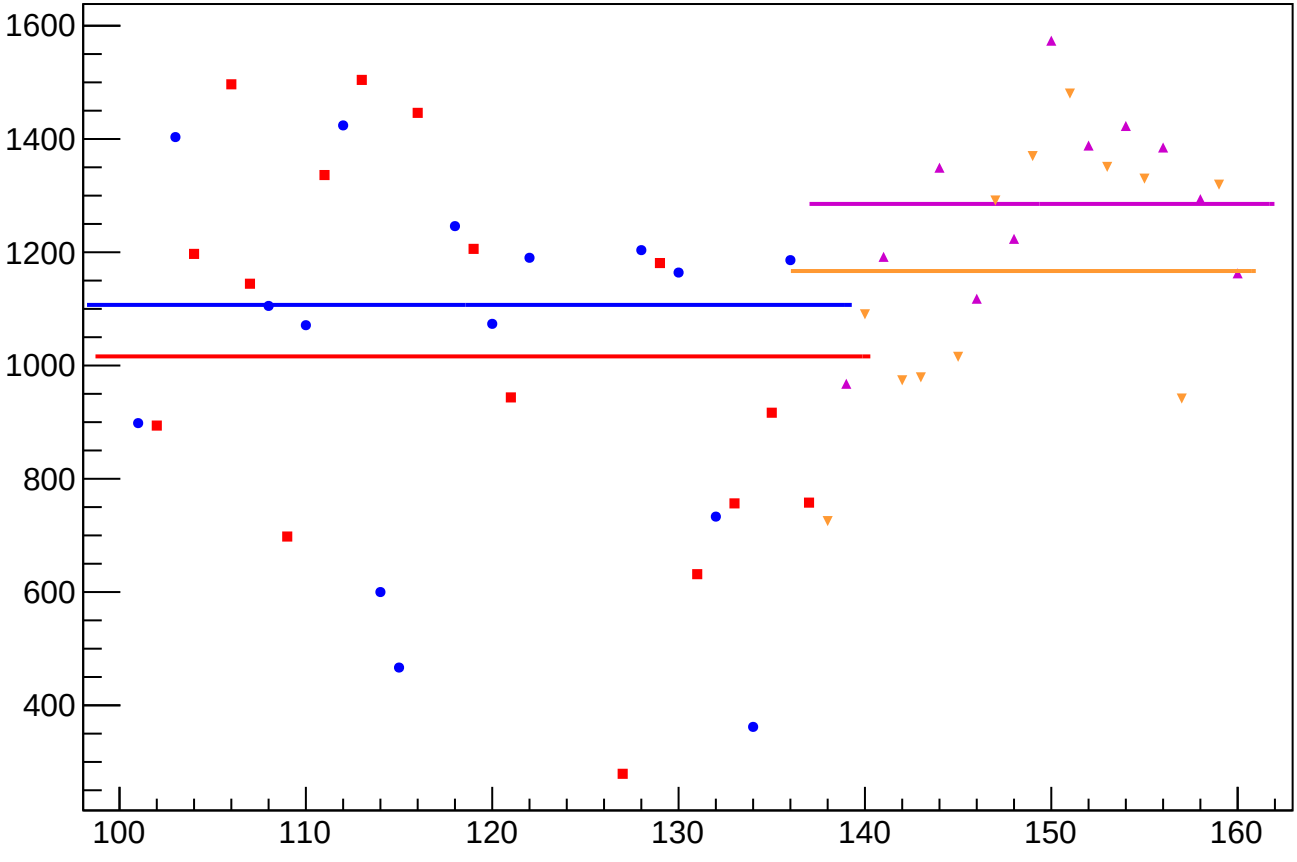
Left In: 130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10

+ sign 126.414+/-0.000 χ^2/NDF: 364747445092715

All: 122.900+/-0.000 χ^2/NDF: 719711638238

- sign 119.447+/-0.000 χ^2/NDF: 351137486927292

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

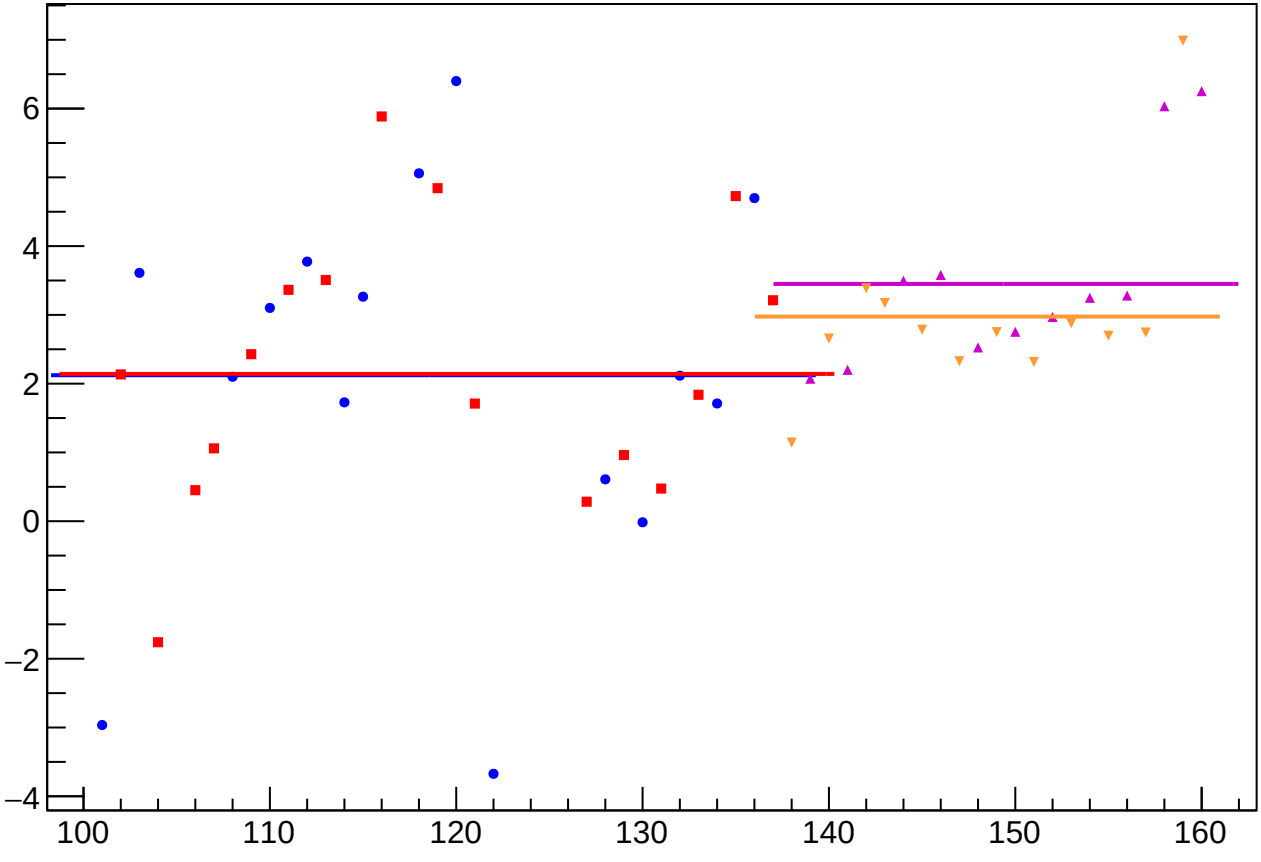
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11

Right Out: 2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15

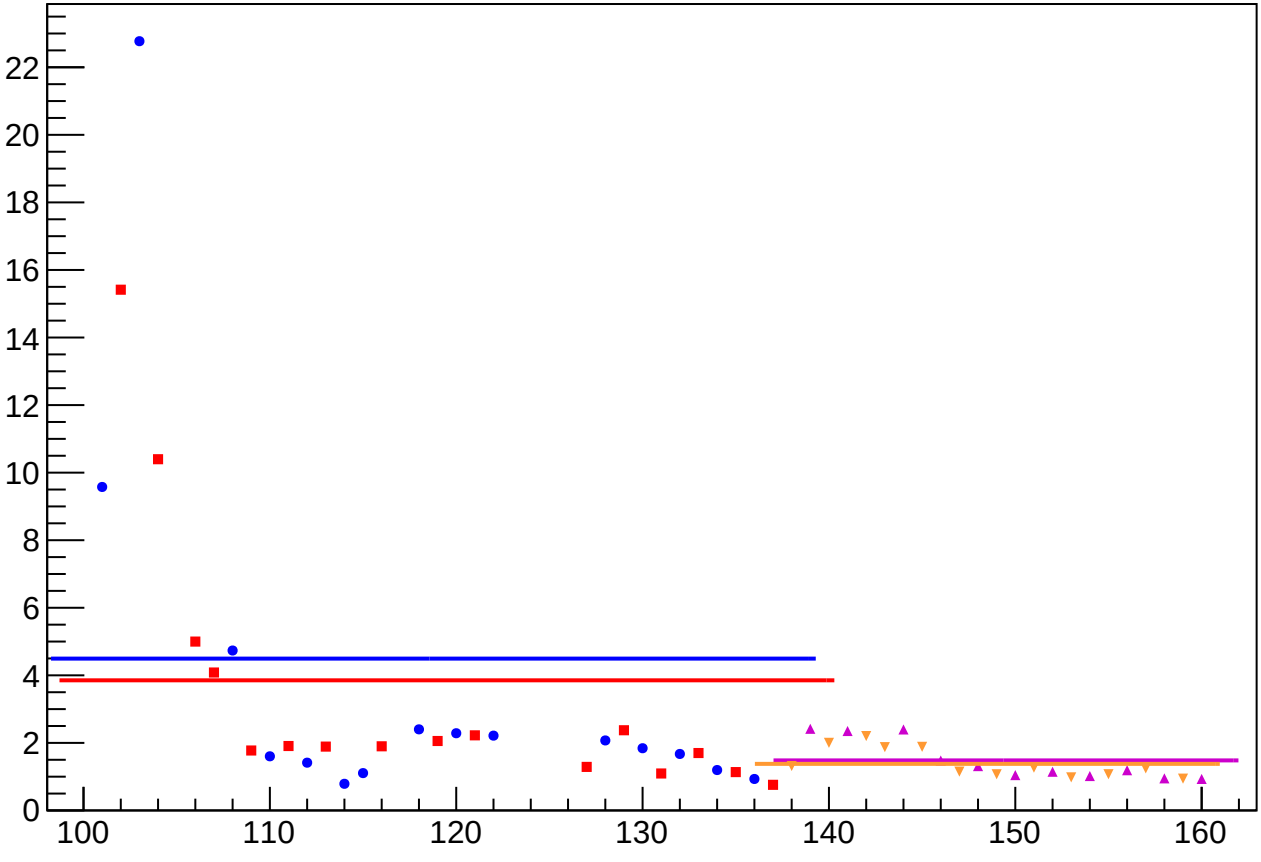
Left In: 3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10

+ sign 2.621+/-0.000 χ^2/NDF: 7192610969837378 0

All: 2.763+/-0.000 χ^2/NDF: 1194273758480 9

- sign 2.902+/-0.000 χ^2/NDF: 4688165314334650 8

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 2527024221981606153232919863440179 2.0/14

+ sign 2.673+/-0.000 χ^2/NDF: 2910543680814668 3

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

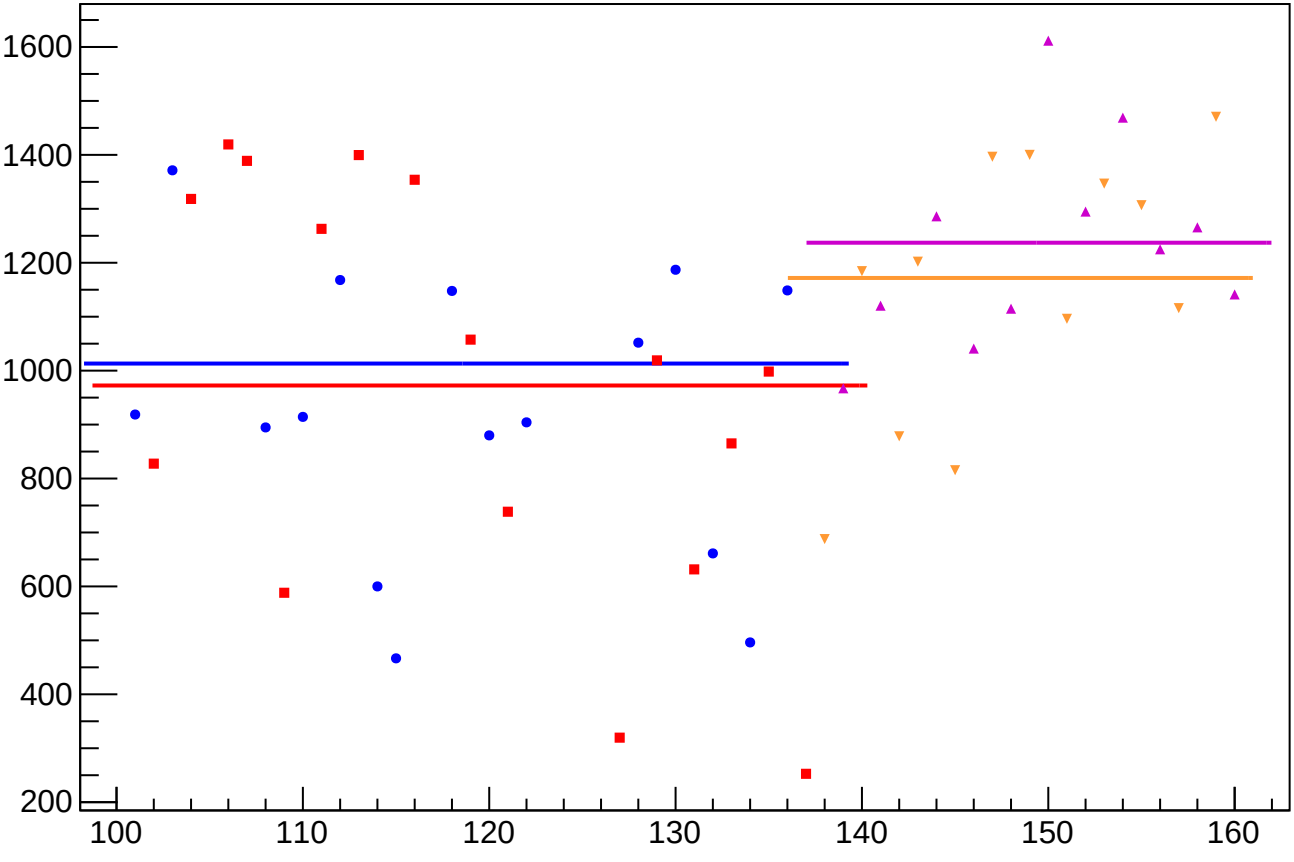
All: 2.573+/-0.000 χ^2/NDF: 4393857611244 7

Right Out: 3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

- sign 2.476+/-0.000 χ^2/NDF: 1480240591264191 0

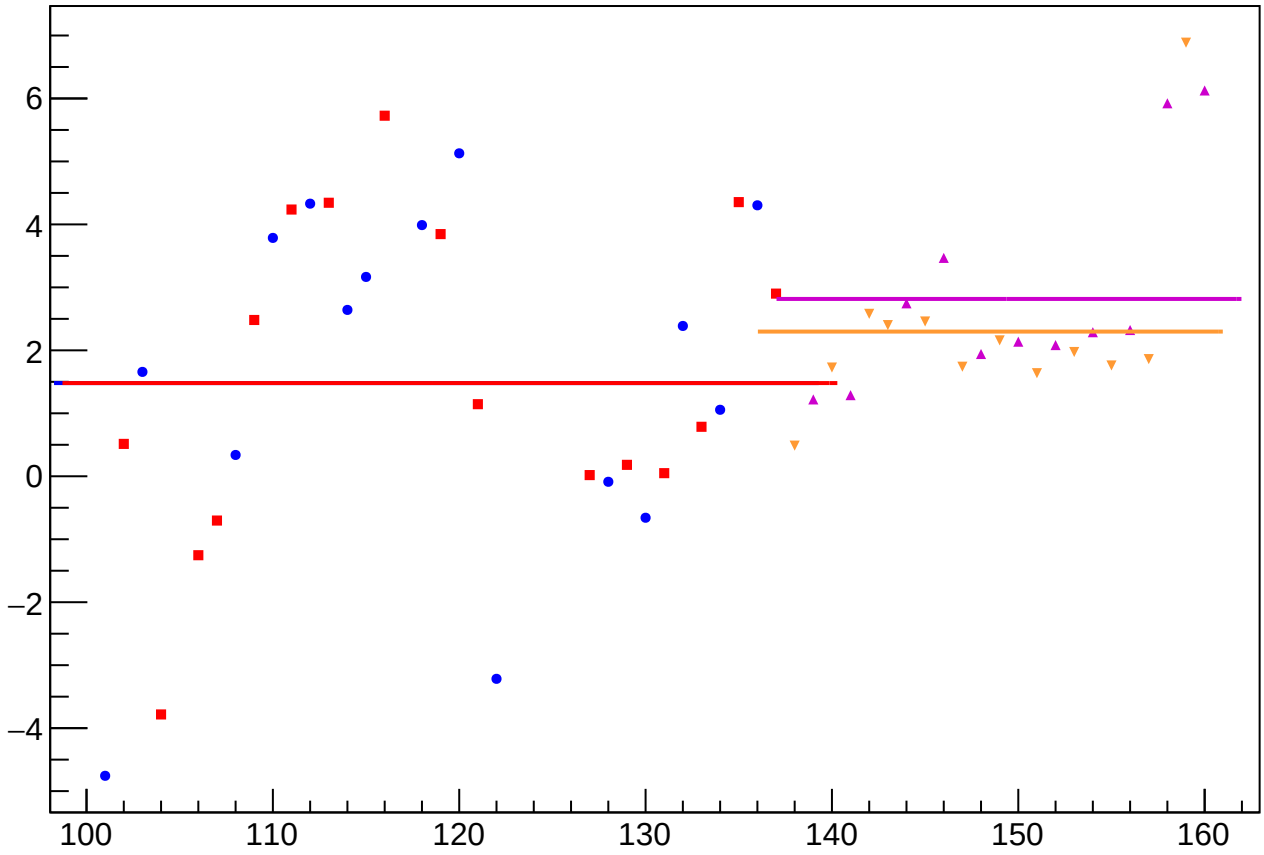
Left In: 1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Left Out: 2.298+/-0.000 χ^2/NDF:2079870991739780462593334803693568.0/11

Right Out: 1.480+/-0.000 χ^2/NDF: 4092645800613765572662987820367872.0/15

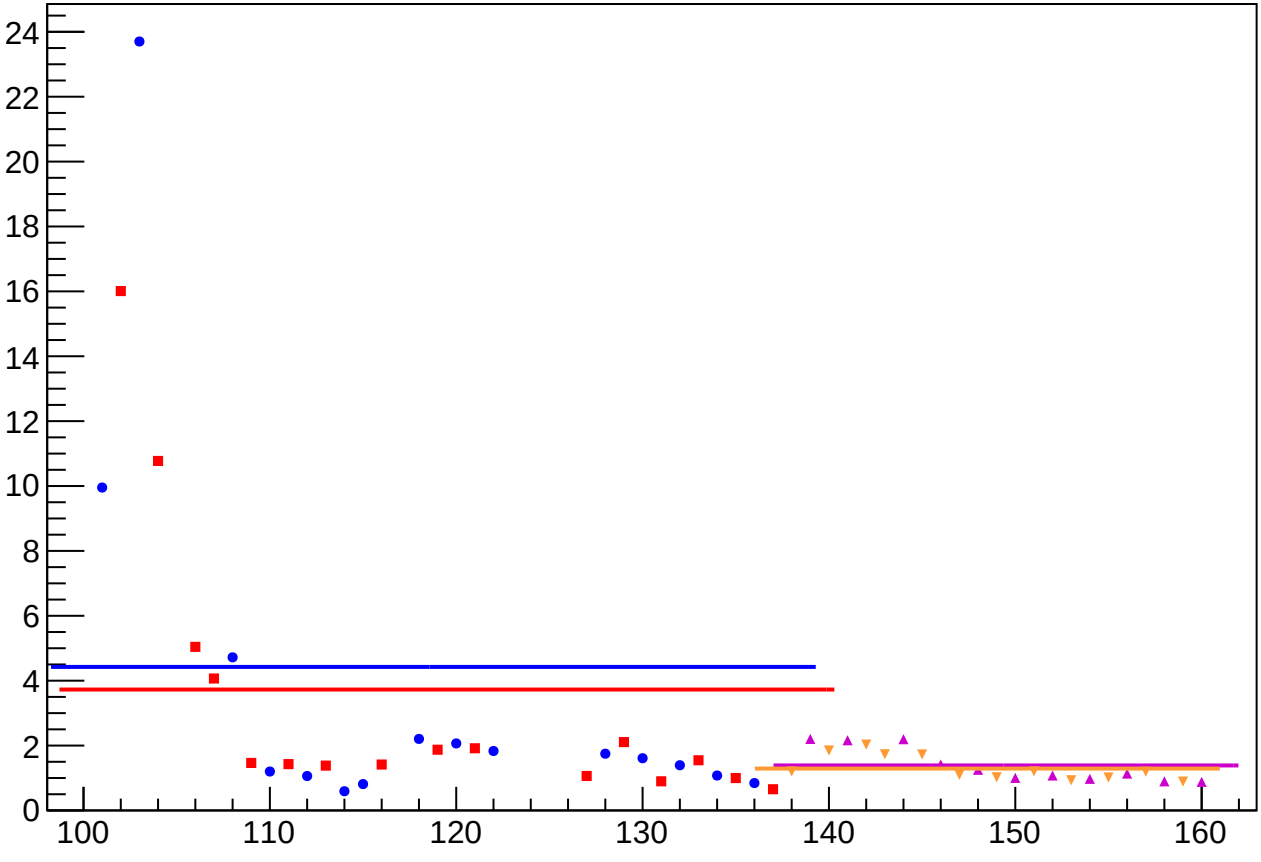
Left In: 2.816+/-0.000 χ^2/NDF:2230790234579581781884760219451392.0/10

+ sign 1.958+/-0.000 χ^2/NDF: 8133477300118297 9

All: 2.109+/-0.000 χ^2/NDF: 1521837937026 1

- sign 2.256+/-0.000 χ^2/NDF: 7014944063307818 4

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF: 28257459272876210608839830473277440.0/14

+ sign 2.592+/-0.000 χ^2/NDF: 3210351611997735

Left Out: 1.291+/-0.000 χ^2/NDF:11920172561845219091749032427520 0.0/11

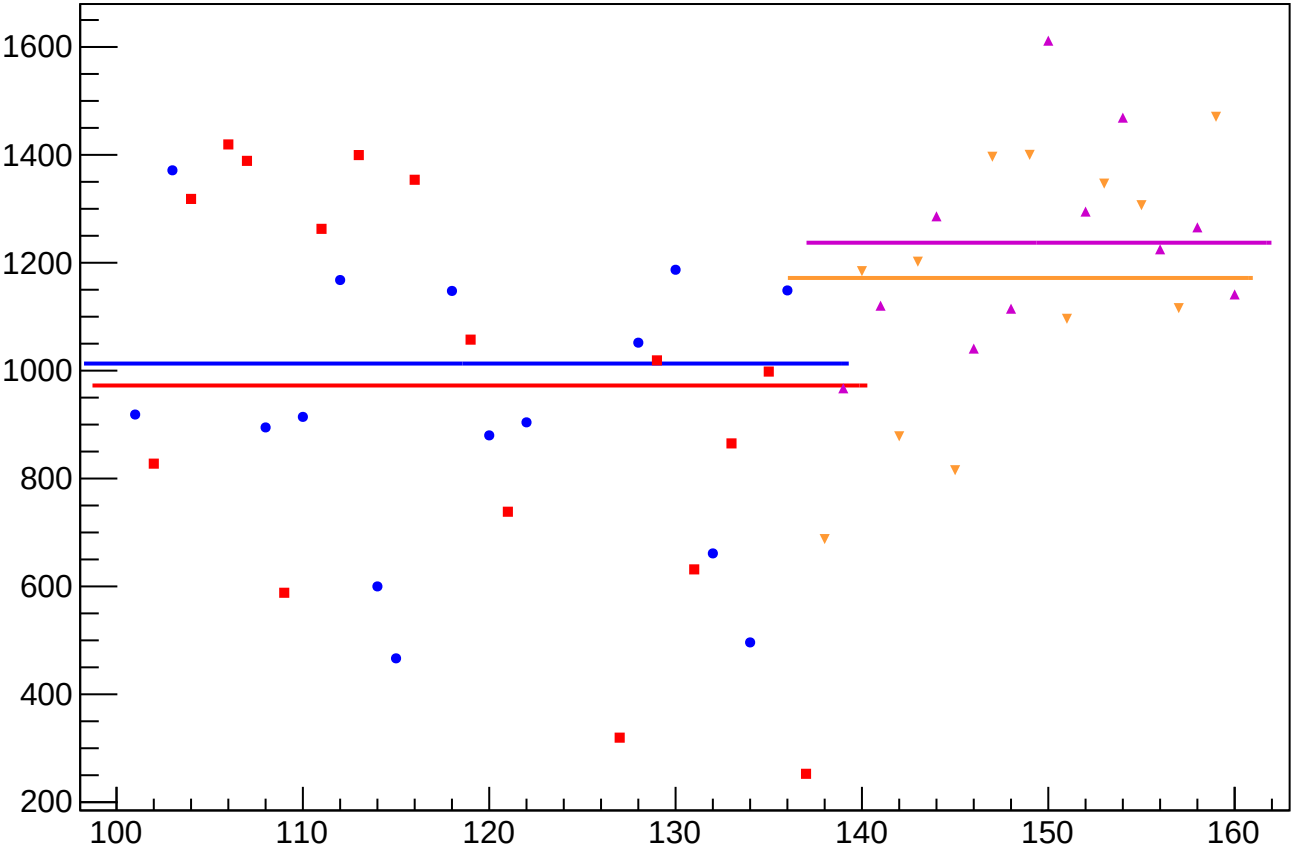
All: 2.479+/-0.000 χ^2/NDF: 4850101738154

Right Out: 3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

- sign 2.368+/-0.000 χ^2/NDF: 16358007863357496

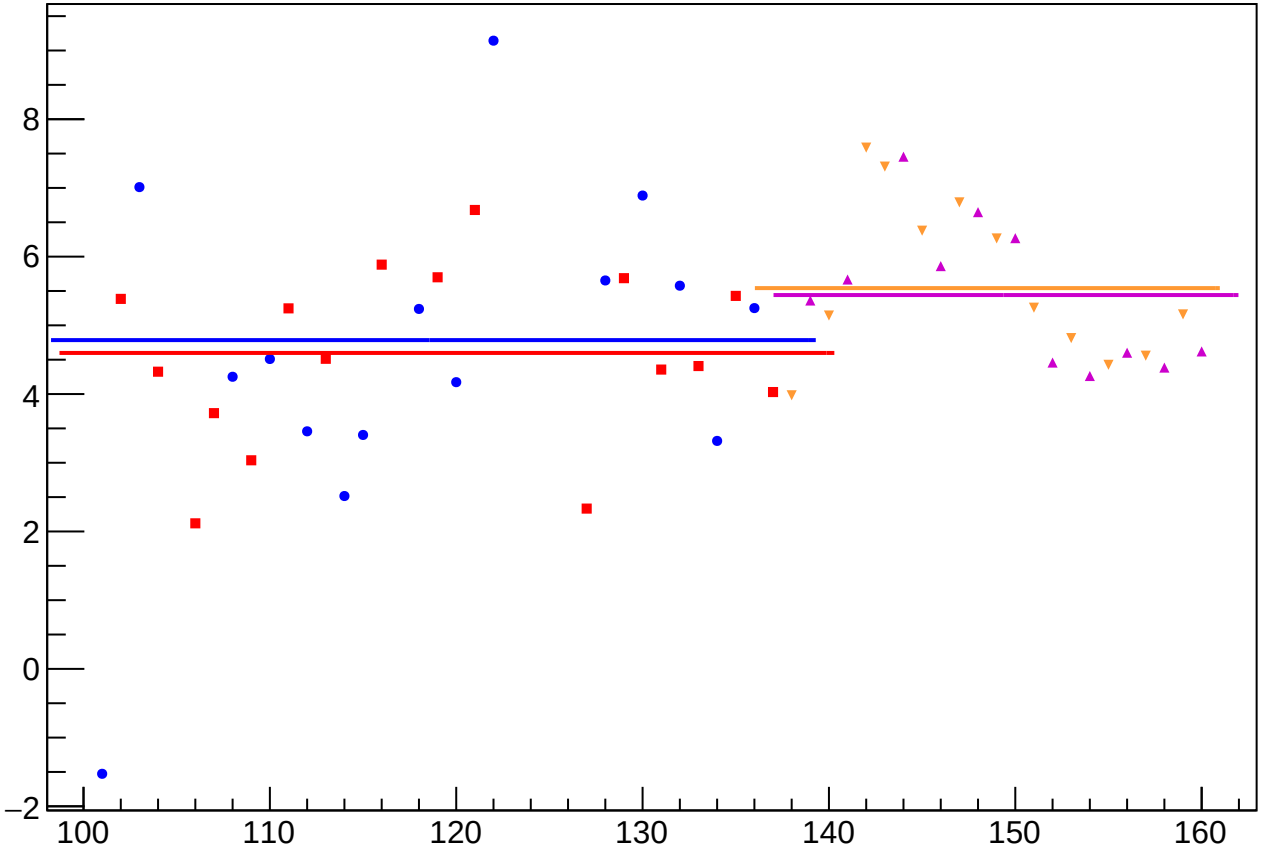
Left In: 1.387+/-0.000 χ^2/NDF:24538120591373436894782956136038 4.0/10

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14

Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136.0/11

Right Out: 4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832.0/15

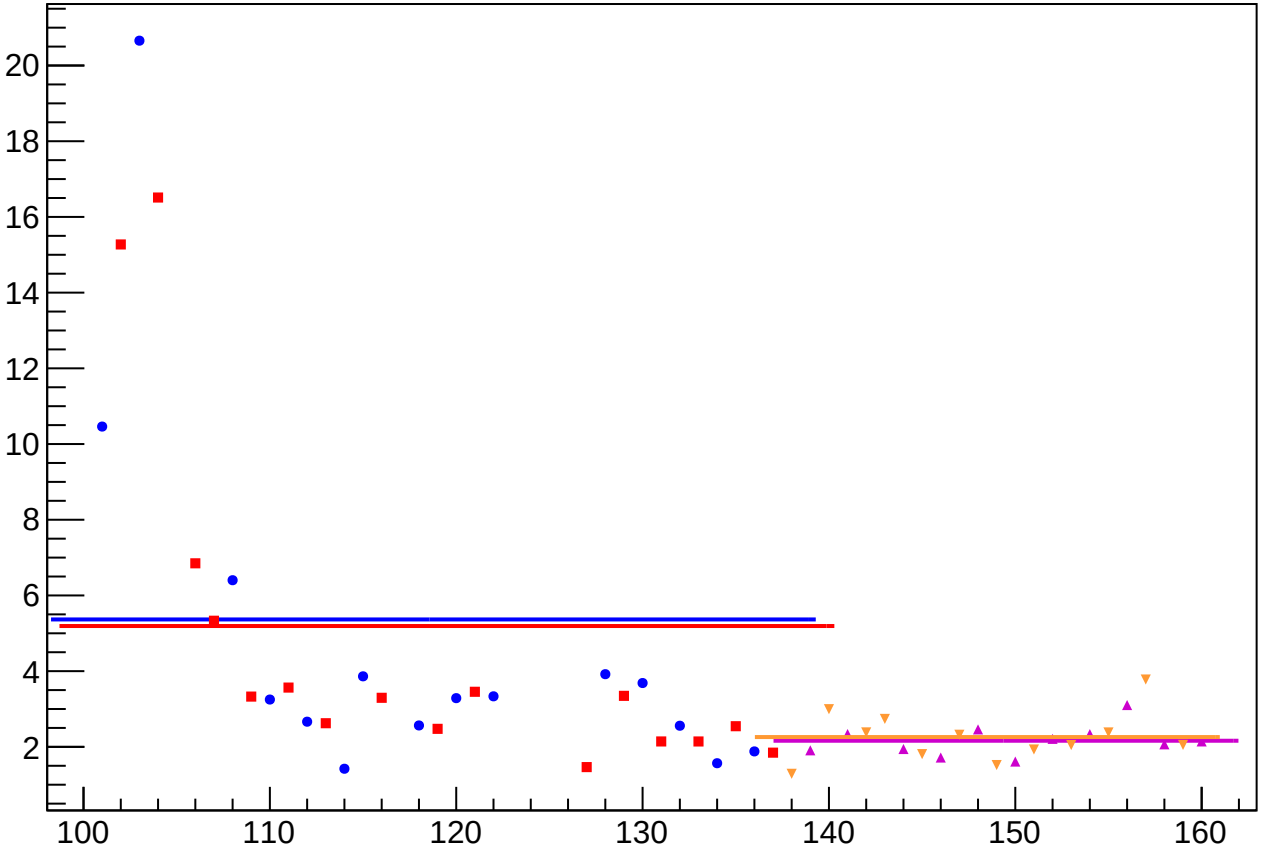
Left In: 5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10

+ sign 5.228+/-0.000 χ^2/NDF: 5277527853709316 6

All: 5.157+/-0.000 χ^2/NDF: 7526752383180 7

- sign 5.088+/-0.000 χ^2/NDF: 2233771395337481 5

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

+ sign 3.549+/-0.000 χ^2/NDF: 2284032483018928 6

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

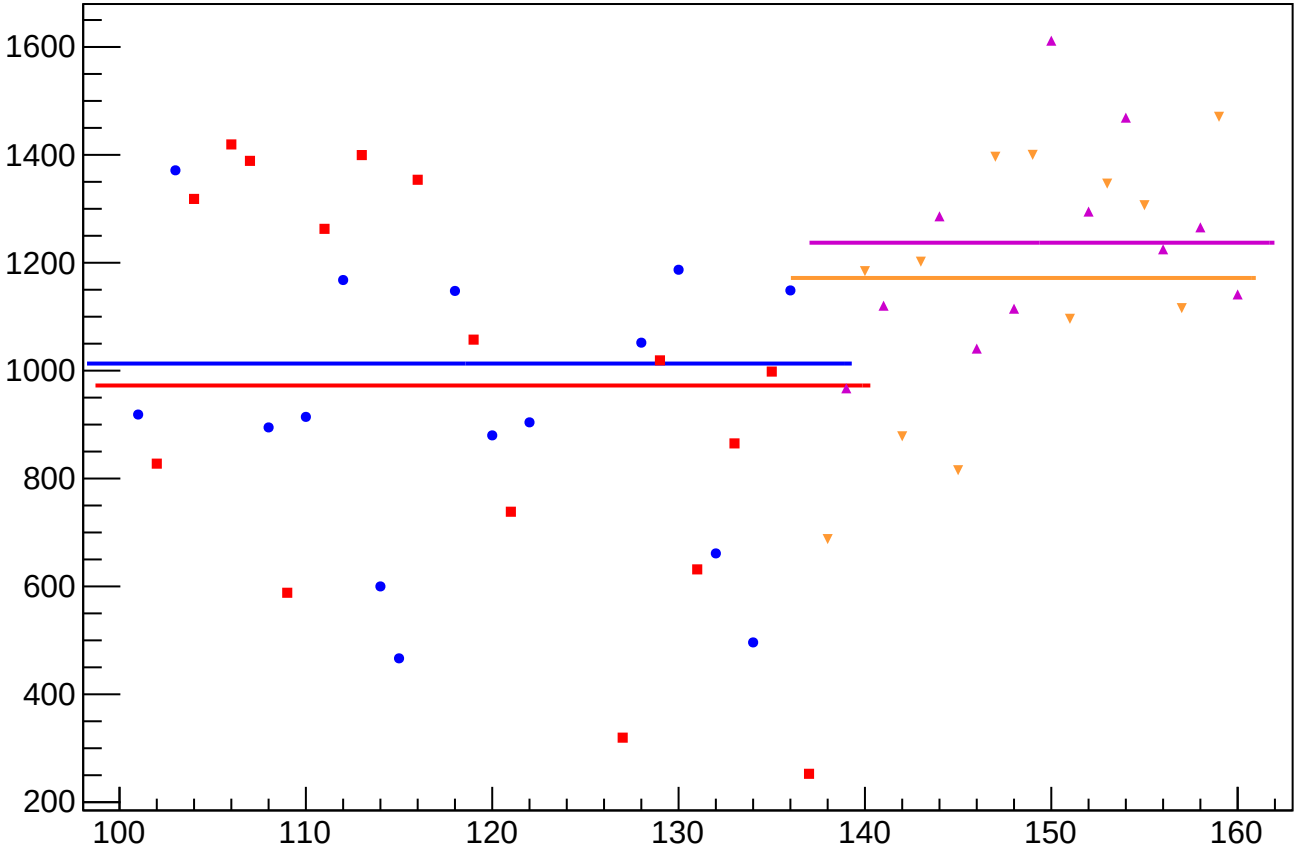
All: 3.490+/-0.000 χ^2/NDF: 4229693907768 0

Right Out: 5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289139 2.0/15

- sign 3.432+/-0.000 χ^2/NDF: 1944582992061895 7

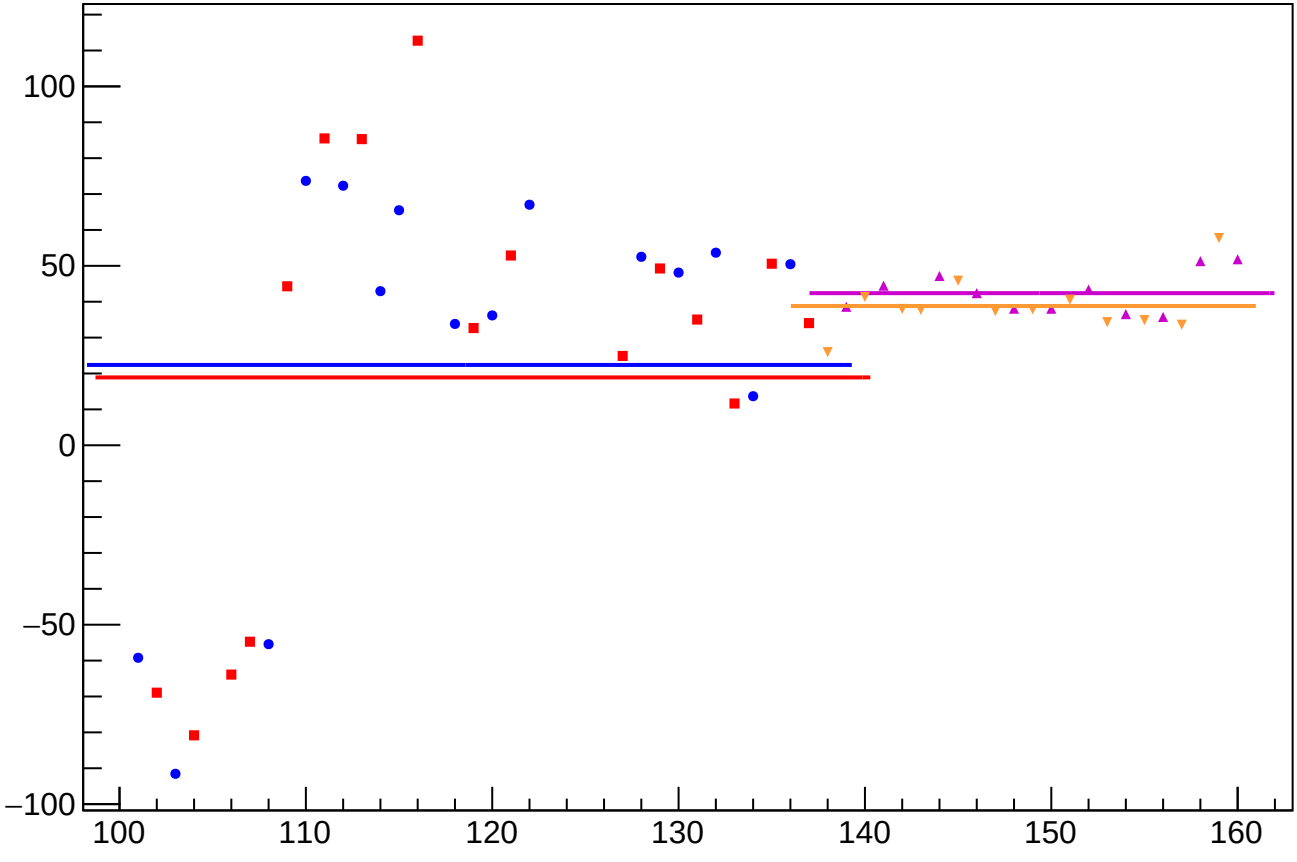
Left In: 2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11

Right Out: 18.907+/-0.000 χ^2/NDF: 218222180840815629359399399257783 7824.0/15

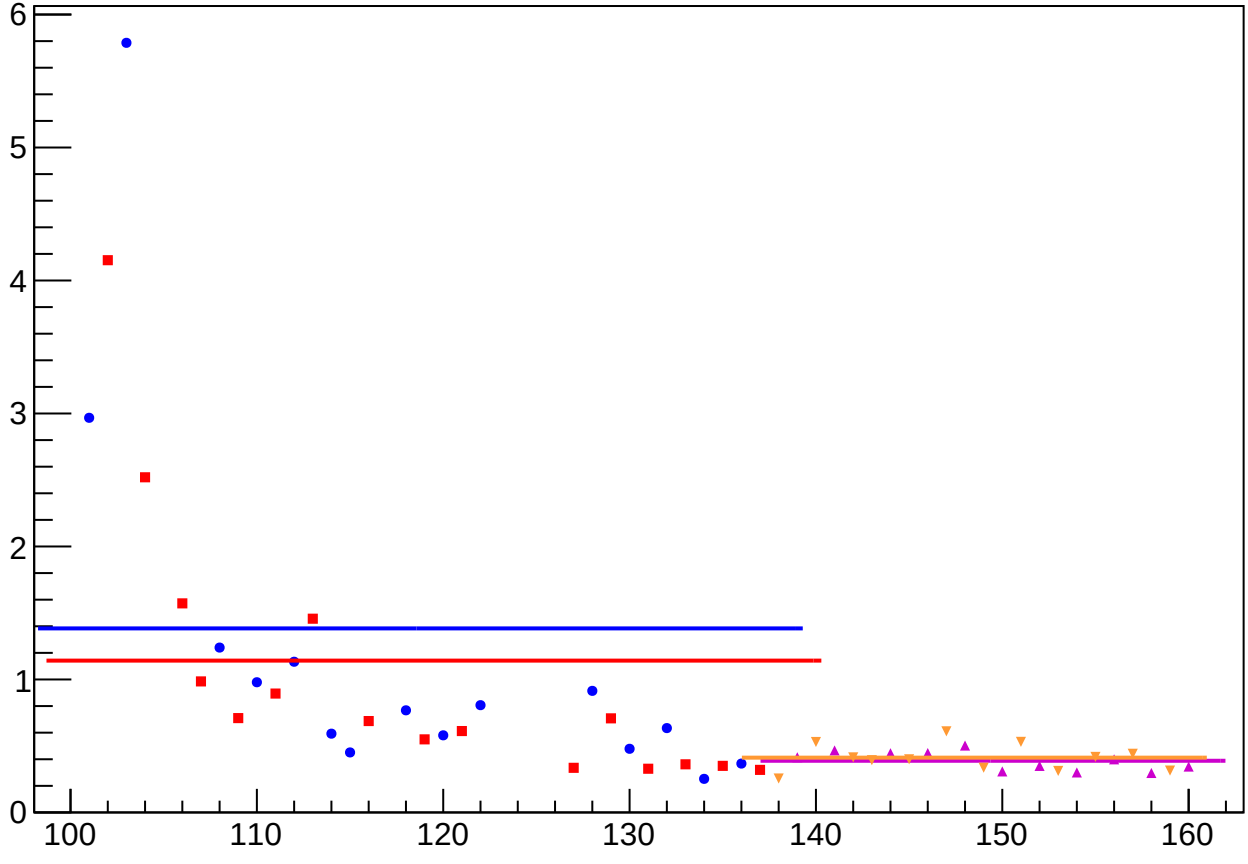
Left In: 42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10

+ sign 31.987+/-0.000 χ^2/NDF: 2076251683338392

All: 32.268+/-0.000 χ^2/NDF: 4498818256205

- sign 32.543+/-0.000 χ^2/NDF: 2422323075583124

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

Right Out: 1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

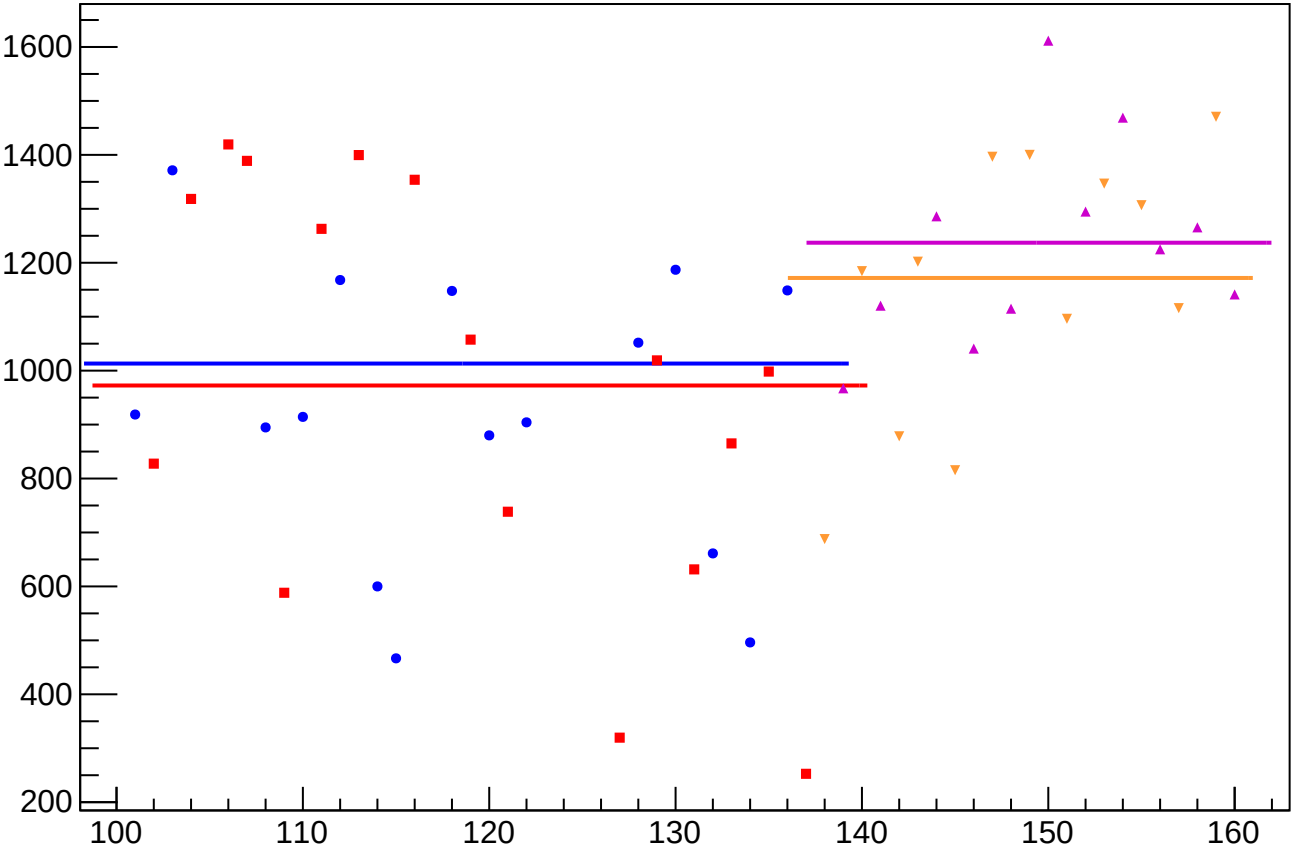
Left In: 0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

+ sign 0.816+/-0.000 χ^2/NDF: 1938989534103537 8

All: 0.760+/-0.000 χ^2/NDF: 2983619505756 6

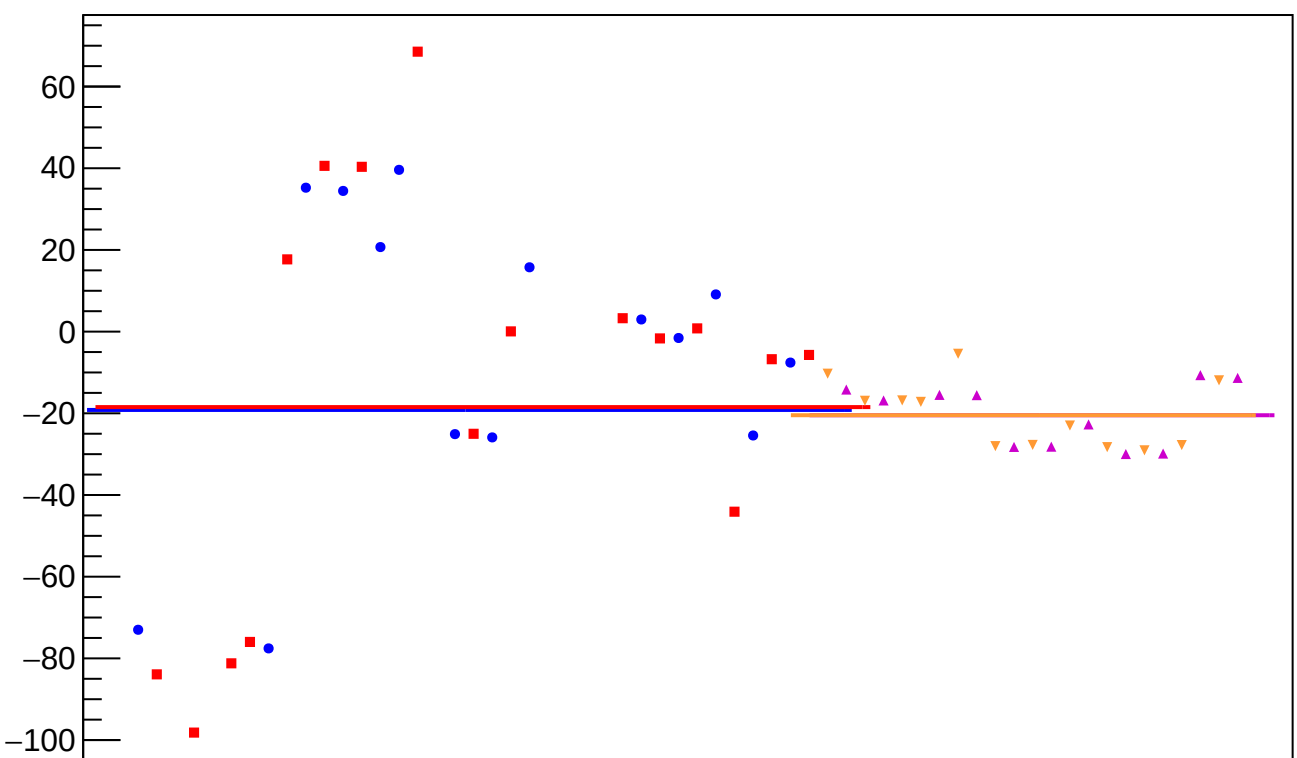
- sign 0.704+/-0.000 χ^2/NDF: 1034872597888586 5

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

+ sign -19.930+/-0.000 χ^2/NDF: 130562508565939

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

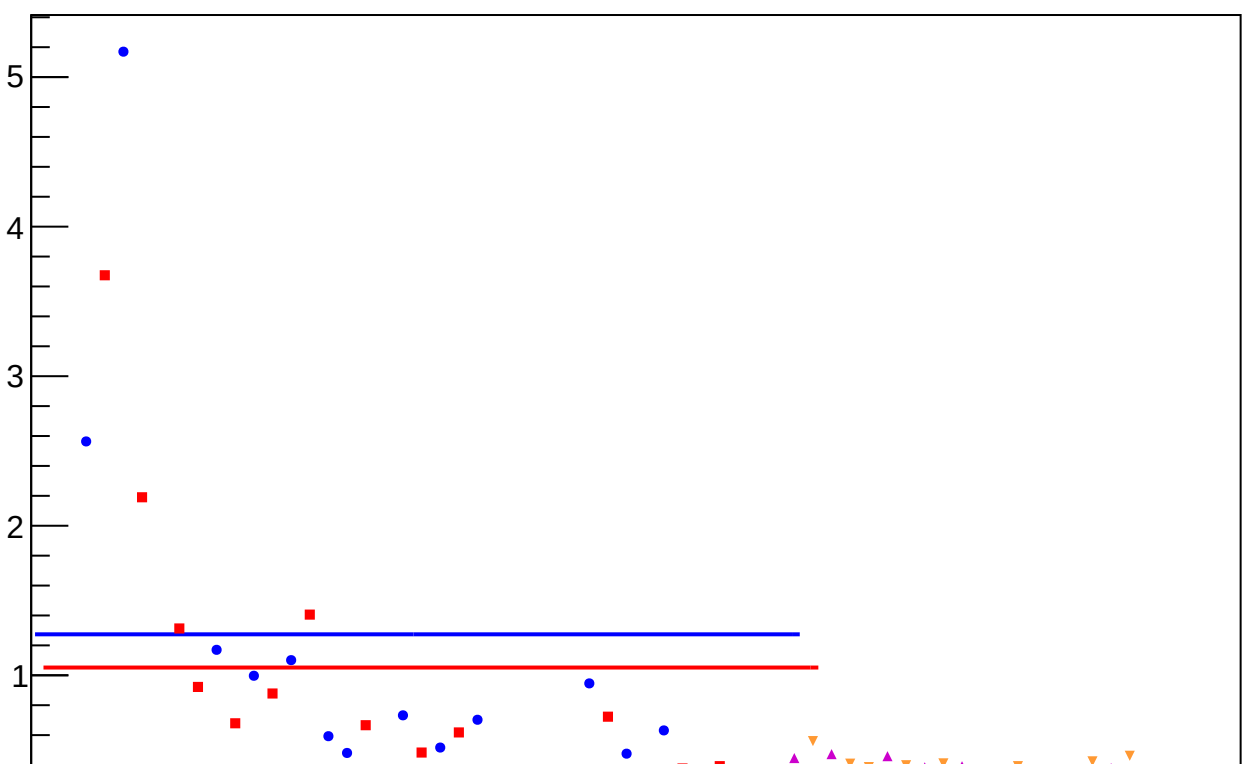
All: -19.782+/-0.000 χ^2/NDF: 284511592850

Right Out: -18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

- sign -19.637+/-0.000 χ^2/NDF: 1539423306551337

Left In: -20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.384+/-0.000 χ^2/NDF:58223220290785982682601294397 44.0/11

Right Out: 1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

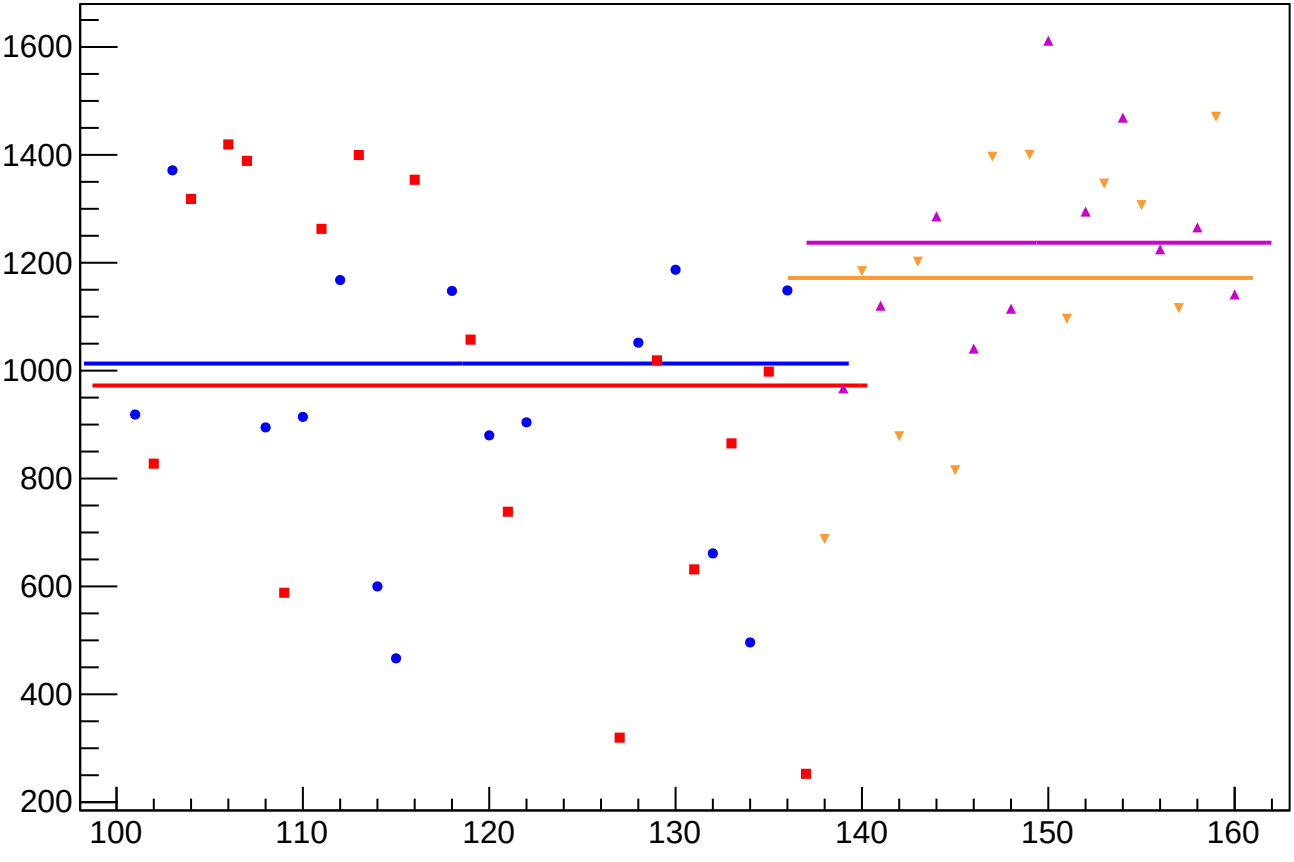
Left In: 0.369+/-0.000 χ^2/NDF:41663506388481386767078161 12128.0/10

+ sign 0.754+/-0.000 χ^2/NDF: 1518228086882446 8

All: 0.704+/-0.000 χ^2/NDF: 2317786361226 1

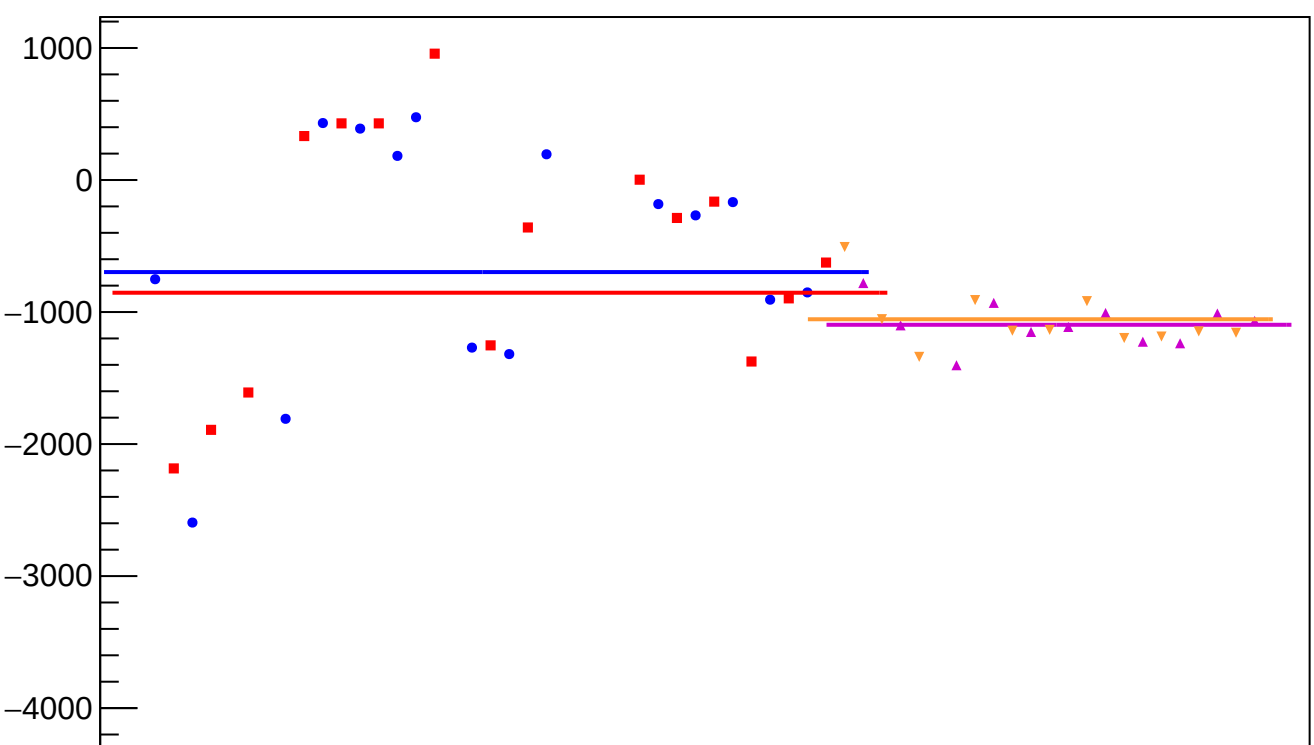
- sign 0.655+/-0.000 χ^2/NDF: 7919391626882888 1

dit_4eY_coil6_Ndata_mean vs Slug



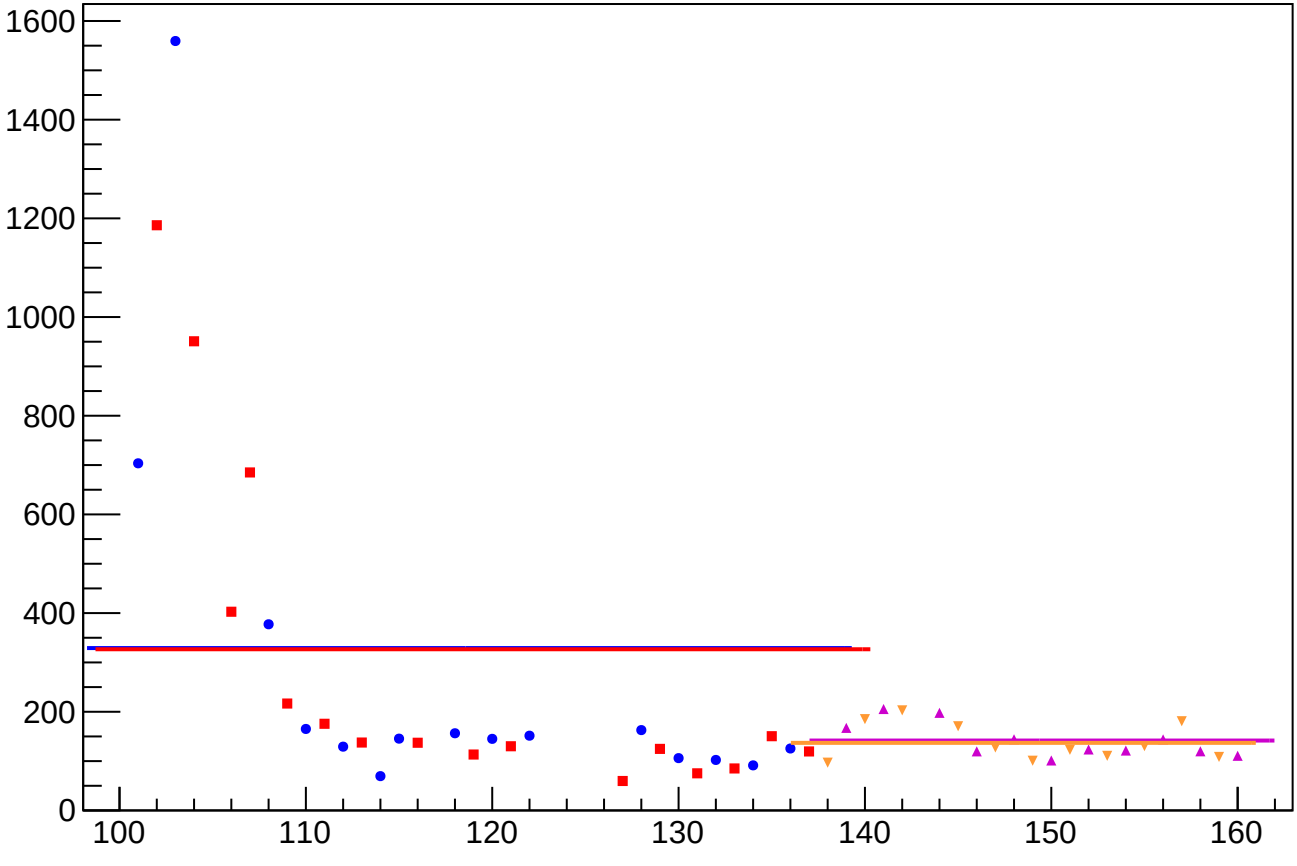
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14
+ sign -899.630+/-0.000 χ^2/NDF: 57326318903301
Left Out: -1054.675+/-0.000 χ^2/NDF:358934145617512898310280045358051491 84.0/10
All: -948.643+/-0.000 χ^2/NDF: 17048438468
Right Out: -853.734+/-0.000 χ^2/NDF: 107837902012641231715593227515620176 6912.0/15
- sign -994.729+/-0.000 χ^2/NDF: 112460764695899
Left In: -1096.508+/-0.000 χ^2/NDF:233970924640850923750080146745579 27424.0/10

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

+ sign 220.348+/-0.000 χ^2/NDF: 131437286987264

Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10

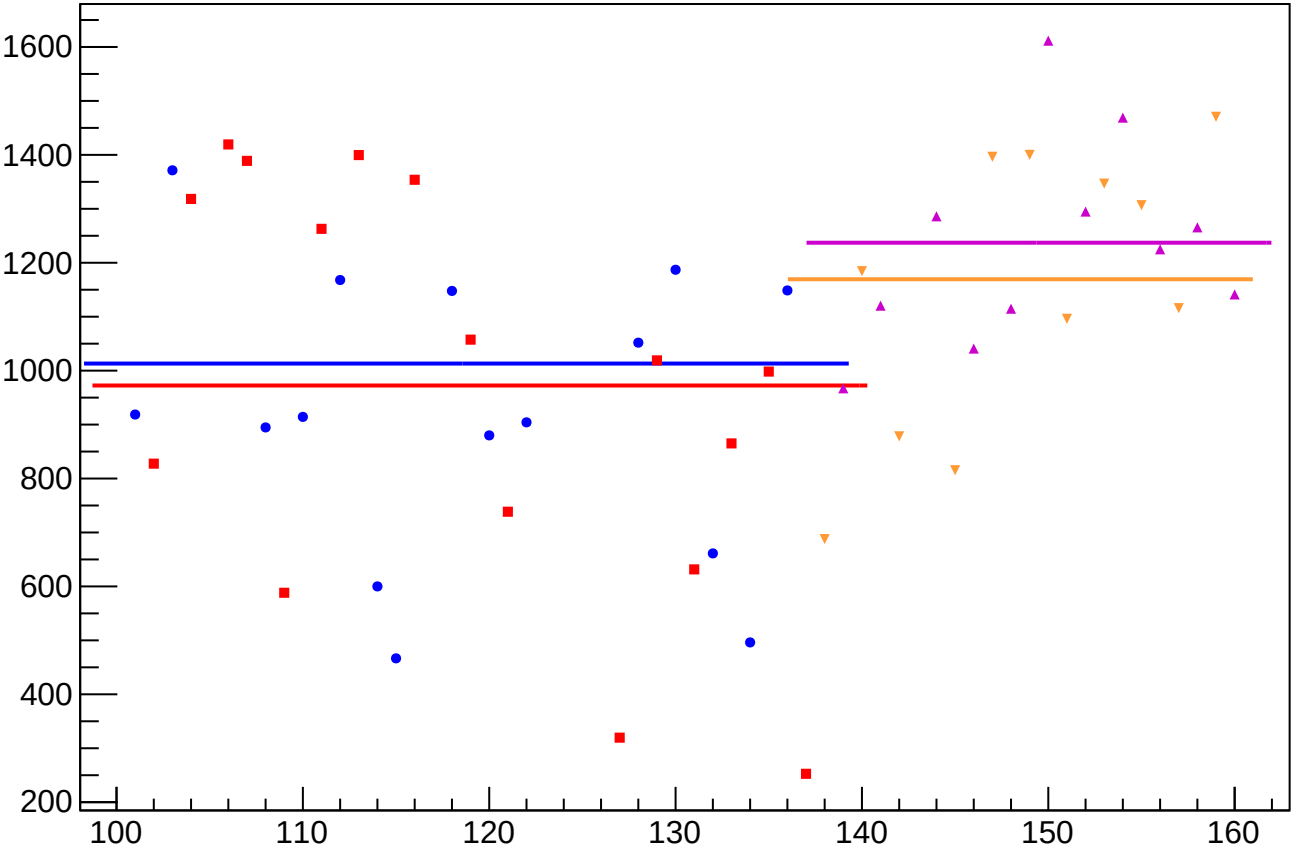
All: 219.782+/-0.000 χ^2/NDF: 233310972456

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

- sign 219.249+/-0.000 χ^2/NDF: 101872754009430

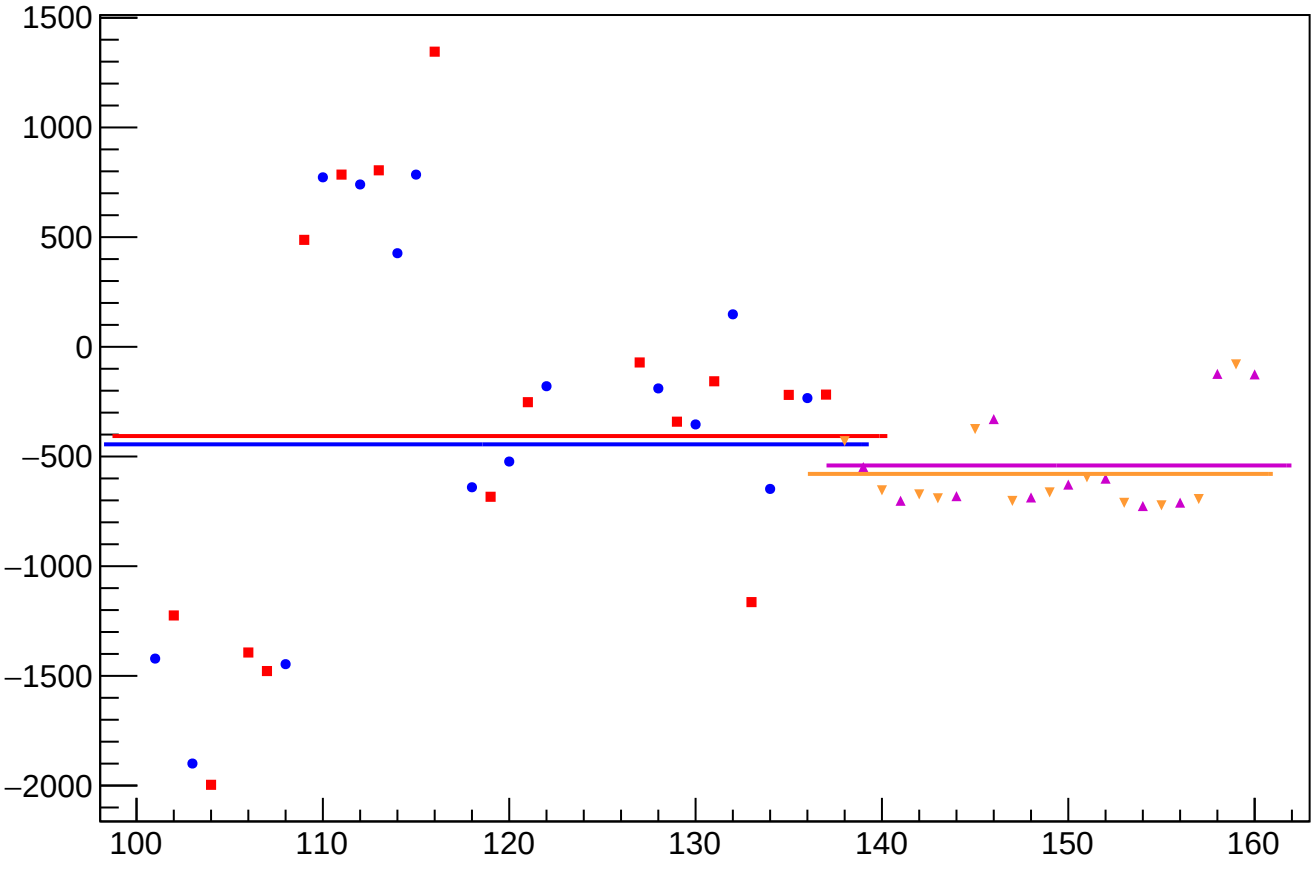
Left In: 141.688+/-0.000 χ^2/NDF:104488240805784919408142413060059955 2.0/10

dit_usl_coil6_Ndata_mean vs Slug



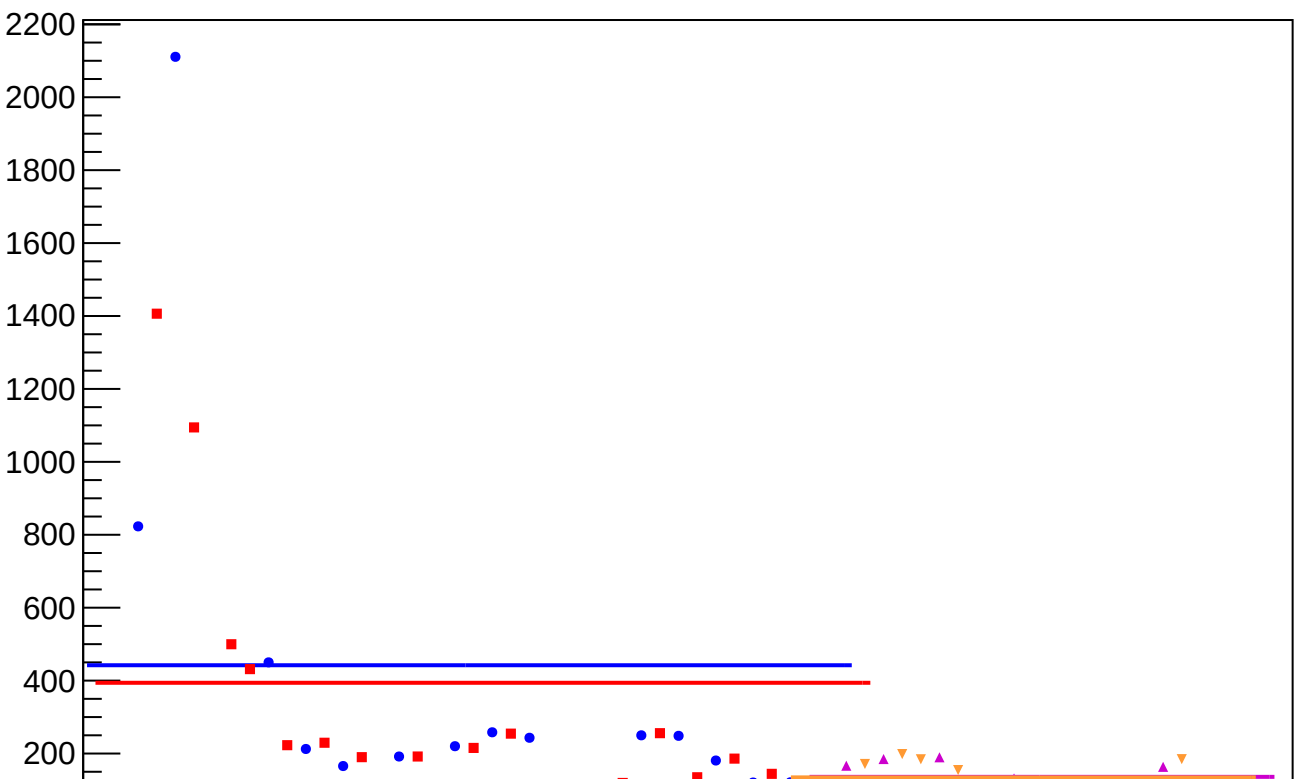
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1101.625+/-0.000 χ^2/NDF: 9305398859829 5
Left Out: 1169.420+/-0.000 χ^2/NDF:5235905852848421215297581793055395 0208.0/10
All: 1114.283+/-0.000 χ^2/NDF: 2298656455 5
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF: 3964819035015937030665358512299536547 84.0/14
+ sign -523.316+/-0.000 χ^2/NDF: 43595864947593
Left Out: -579.272+/-0.000 χ^2/NDF:3258458152452886094159559740704266649 6.0/11
All: -503.795+/-0.000 χ^2/NDF: 10158993354
Right Out: -406.729+/-0.000 χ^2/NDF: 5291224218667748100129417822391291084 80.0/15
- sign -484.617+/-0.000 χ^2/NDF: 57875992713105
Left In: -540.842+/-0.000 χ^2/NDF:4267019331749781791103036746636669747 2.0/10

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

+ sign 262.286+/-0.000 χ^2/NDF: 241048188566854

Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11

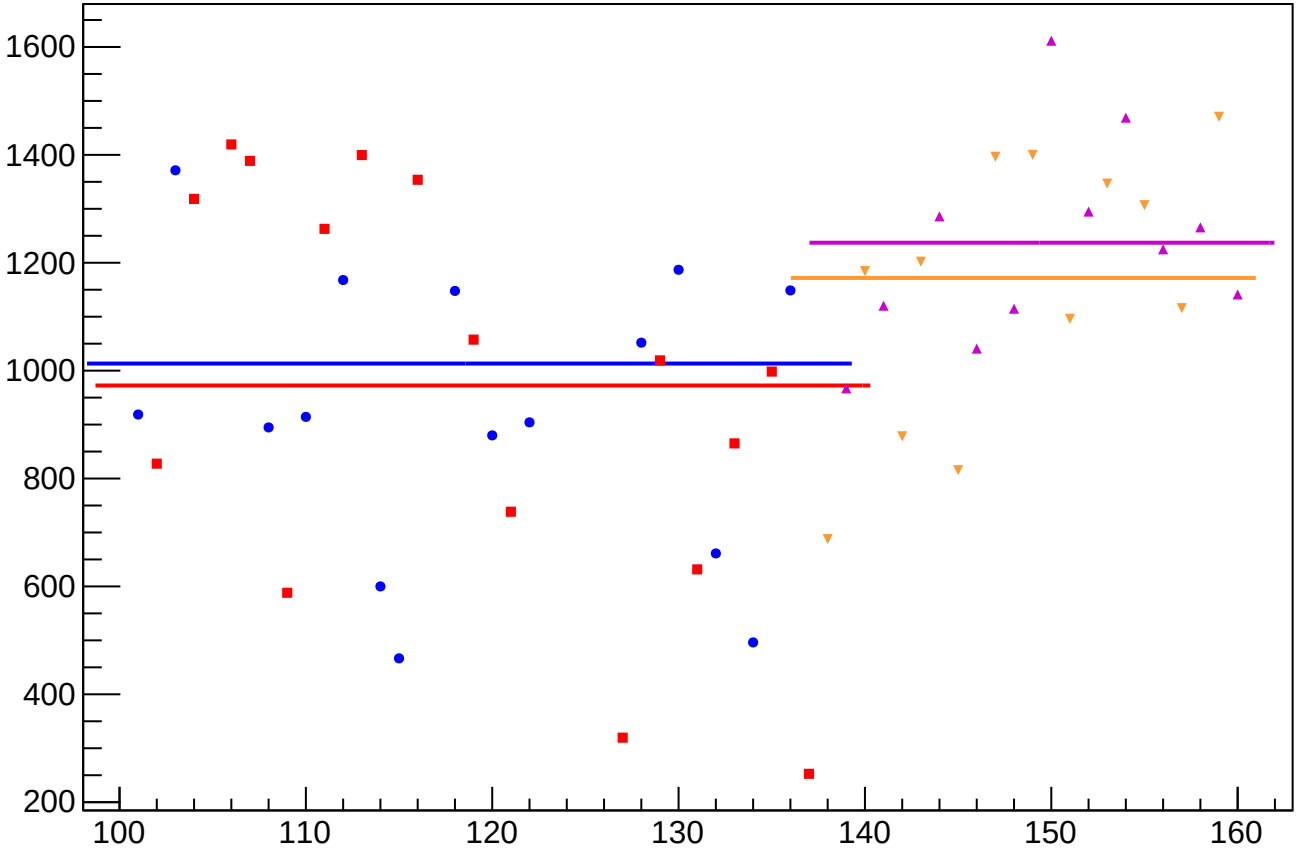
All: 253.162+/-0.000 χ^2/NDF: 37398353308

Right Out: 394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

- sign 244.199+/-0.000 χ^2/NDF: 132677424429000

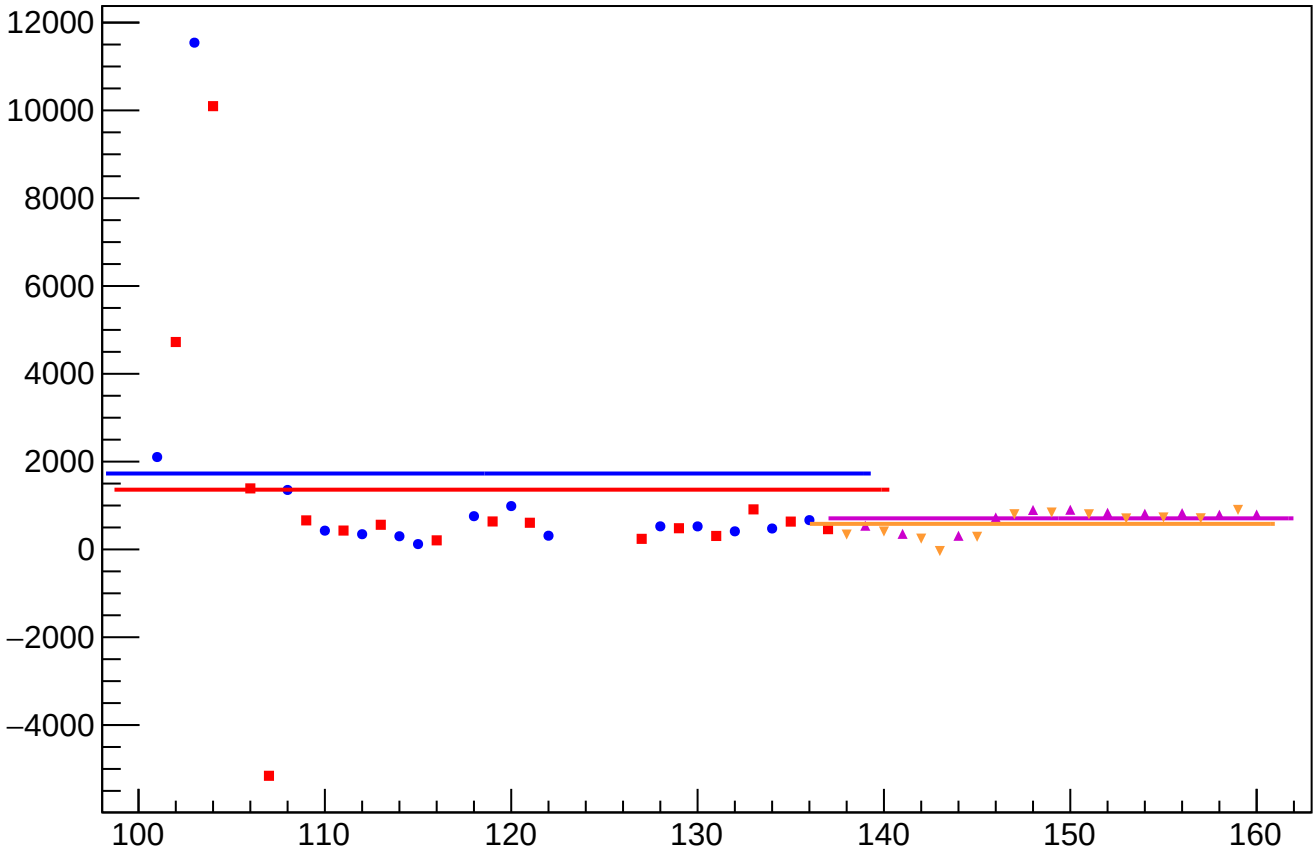
Left In: 136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10

dit_usr_coil6_Ndata_mean vs Slug



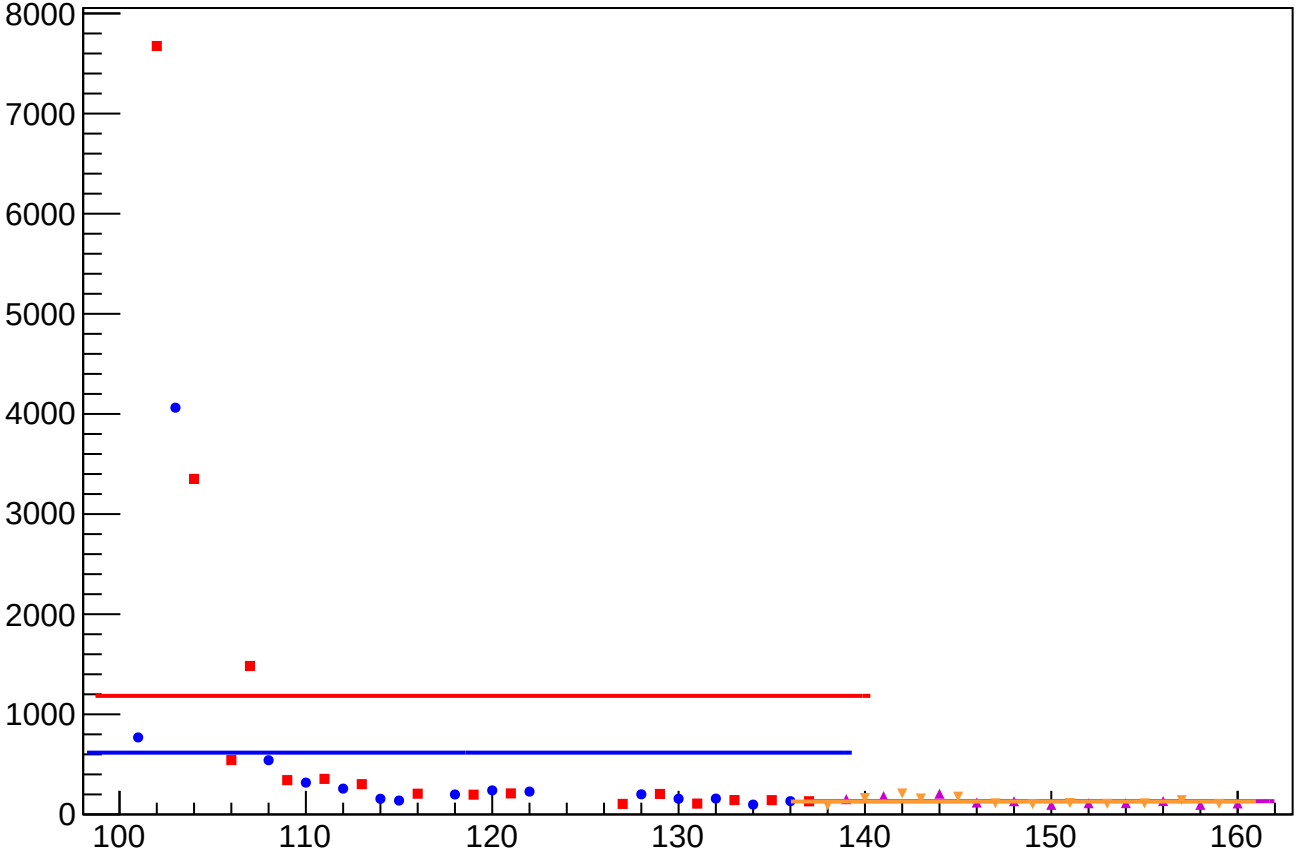
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_atl1_coil6_mean vs Slug



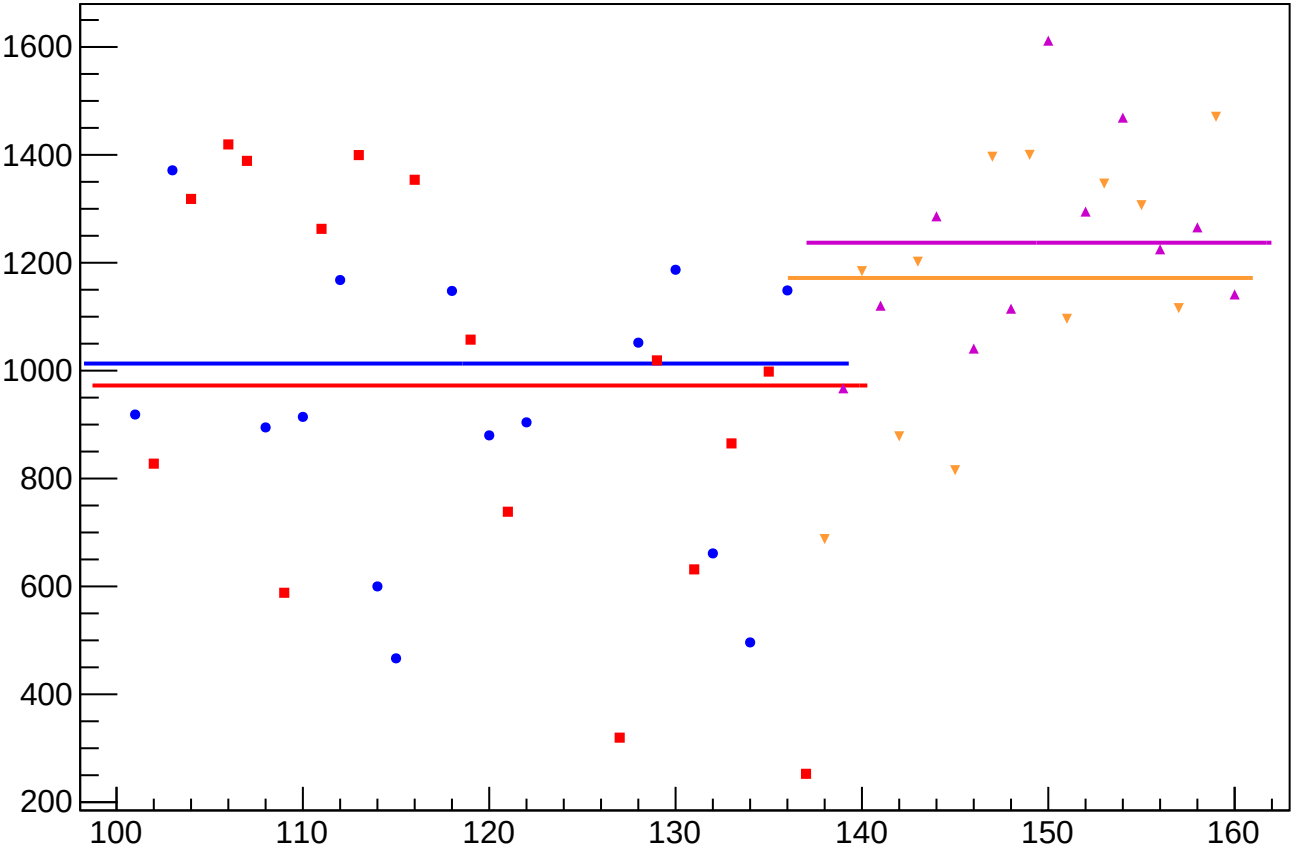
Right In: 1729.013+/-0.000 χ^2/NDF: 641312129727334740807562411650796486656 0.0/14
+ sign 1058.360+/-0.000 χ^2/NDF: 69823808255157
Left Out: 582.152+/-0.000 χ^2/NDF:700837726478314861257329897688017141 76.0/11
All: 1019.669+/-0.000 χ^2/NDF: 1362193289 5
Right Out: 1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617 4464.0/15
- sign 981.659+/-0.000 χ^2/NDF: 663491357929352
Left In: 707.889+/-0.000 χ^2/NDF:381164861888179806990324260024321310 72.0/10

dit_atl1_coil6_err_mean vs Slug



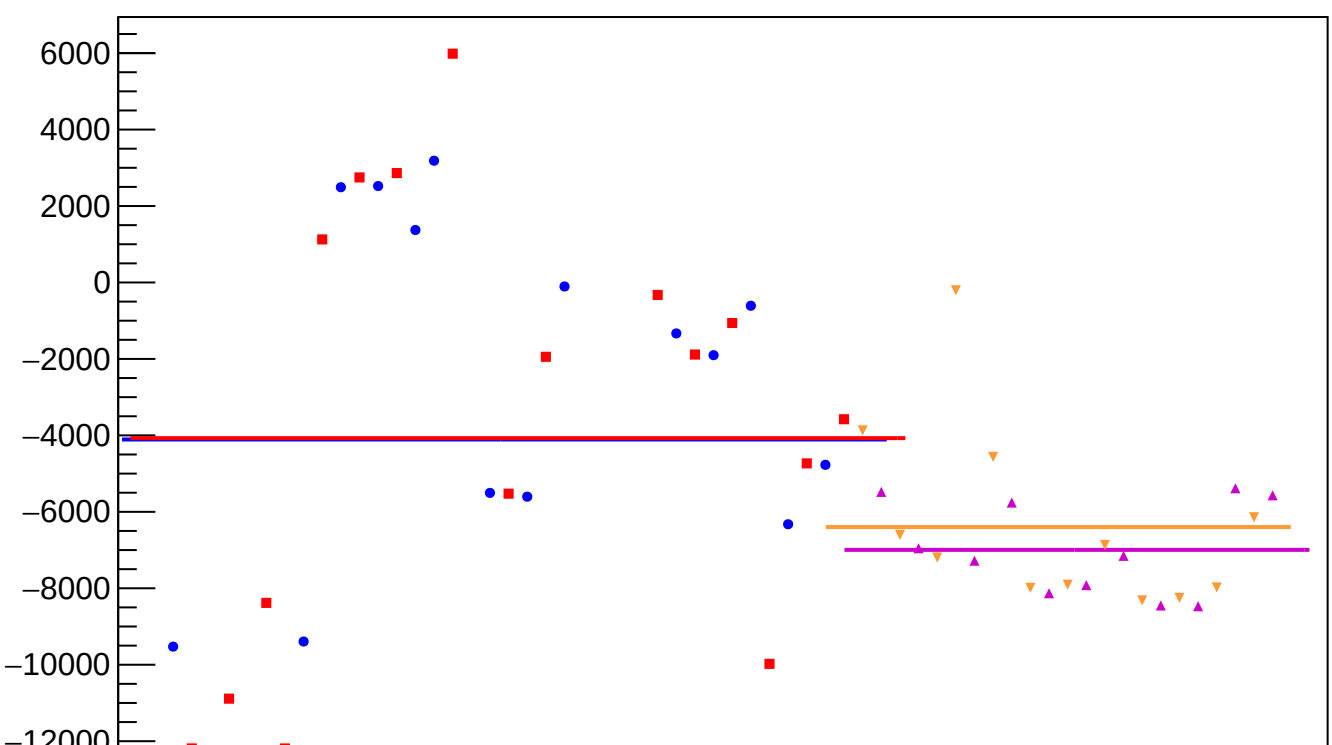
Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14
+ sign 331.972+/-0.000 χ^2/NDF: 883734584018434
Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11
All: 453.895+/-0.000 χ^2/NDF: 45265690321 2
Right Out: 1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15
- sign 573.673+/-0.000 χ^2/NDF: 359677429953367
Left In: 132.869+/-0.000 χ^2/NDF:109183908566401411220146315571127910 4.0/10

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

Right Out: -4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

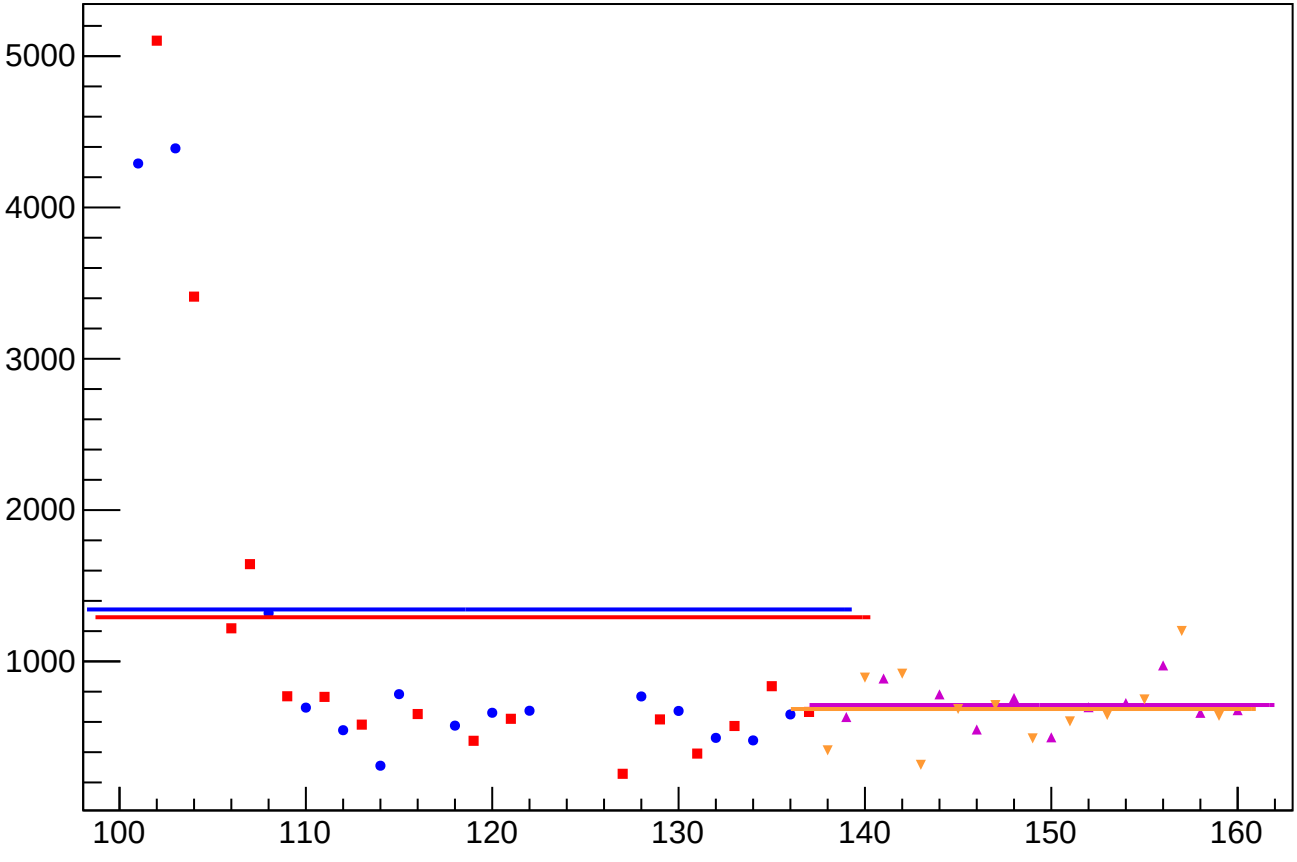
Left In: -6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

+ sign -5447.429+/-0.000 χ^2/NDF: 2108050211497

All: -5609.905+/-0.000 χ^2/NDF: 4607018672

- sign -5769.523+/-0.000 χ^2/NDF: 2490788852952 8

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

+ sign 958.532+/-0.000 χ^2/NDF: 152813586967555

Left Out: 685.307+/-0.000 χ^2/NDF:46333249080985813233742212153458294784.0/11

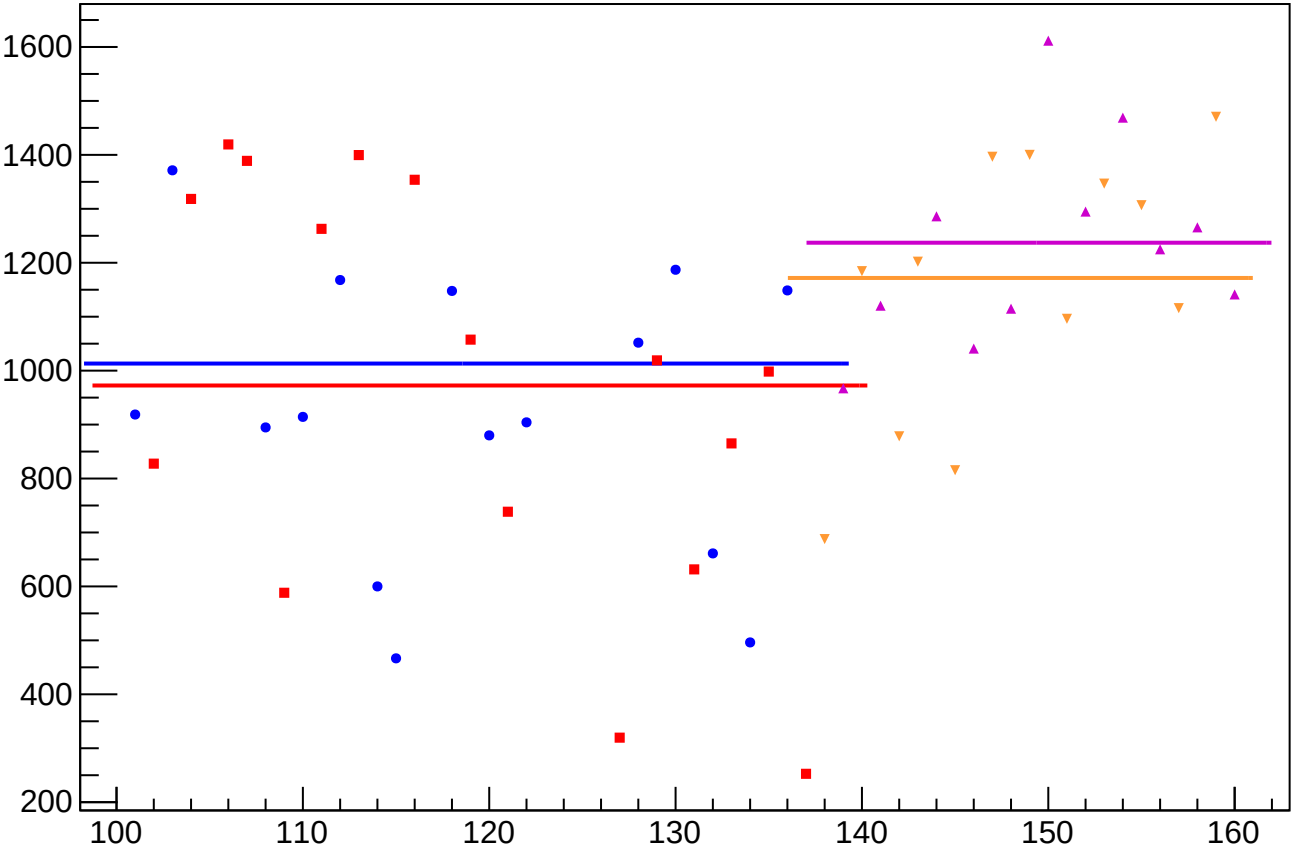
All: 956.706+/-0.000 χ^2/NDF: 299793196976

Right Out: 1291.796+/-0.000 χ^2/NDF: 13235689170088729779059600115869910302 72.0/15

- sign 954.911+/-0.000 χ^2/NDF: 146978575897924

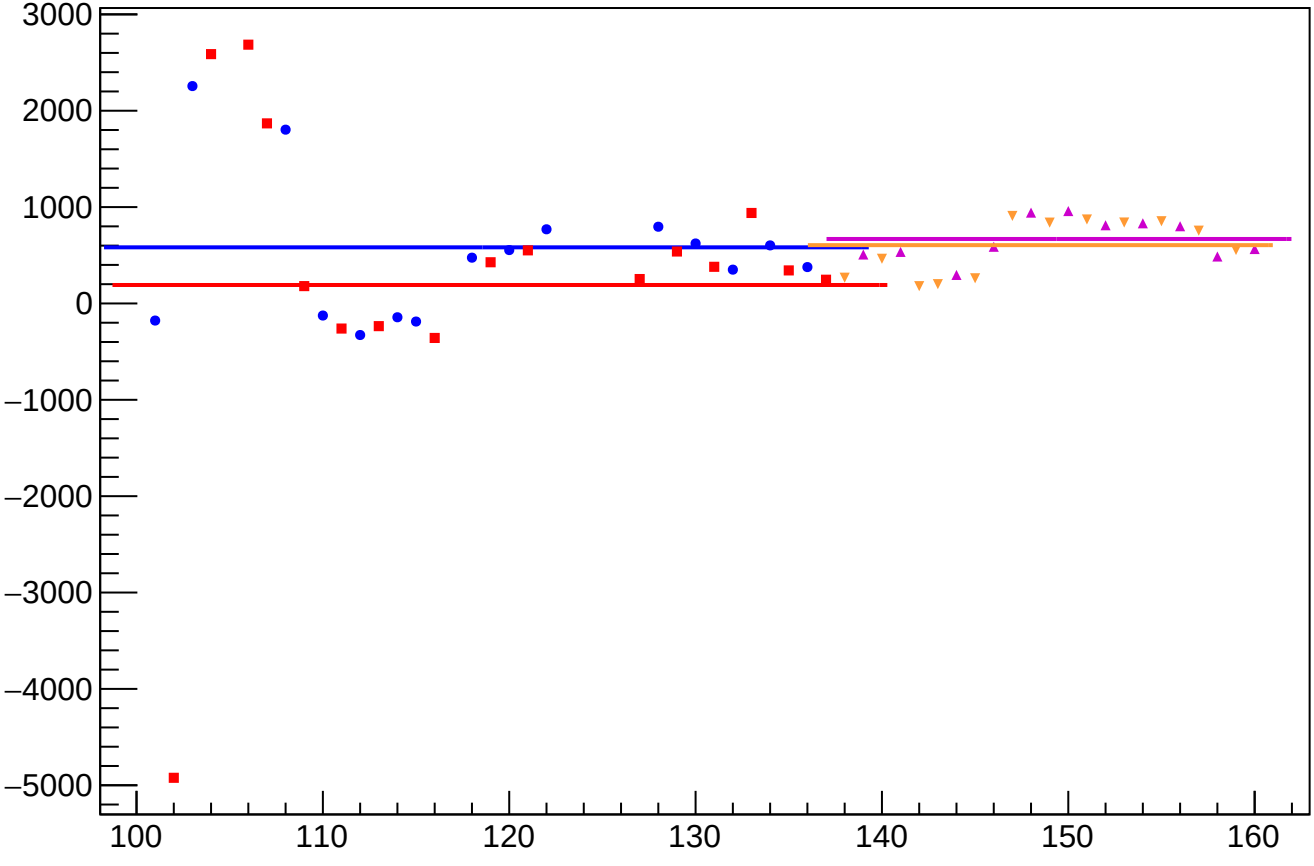
Left In: 711.726+/-0.000 χ^2/NDF:158734199795832073070684292470171238 40.0/10

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14

+ sign 595.655+/-0.000 χ^2/NDF: 406904373797989

Left Out: 605.074+/-0.000 χ^2/NDF:679125152454461967299371308827059159 04.0/11

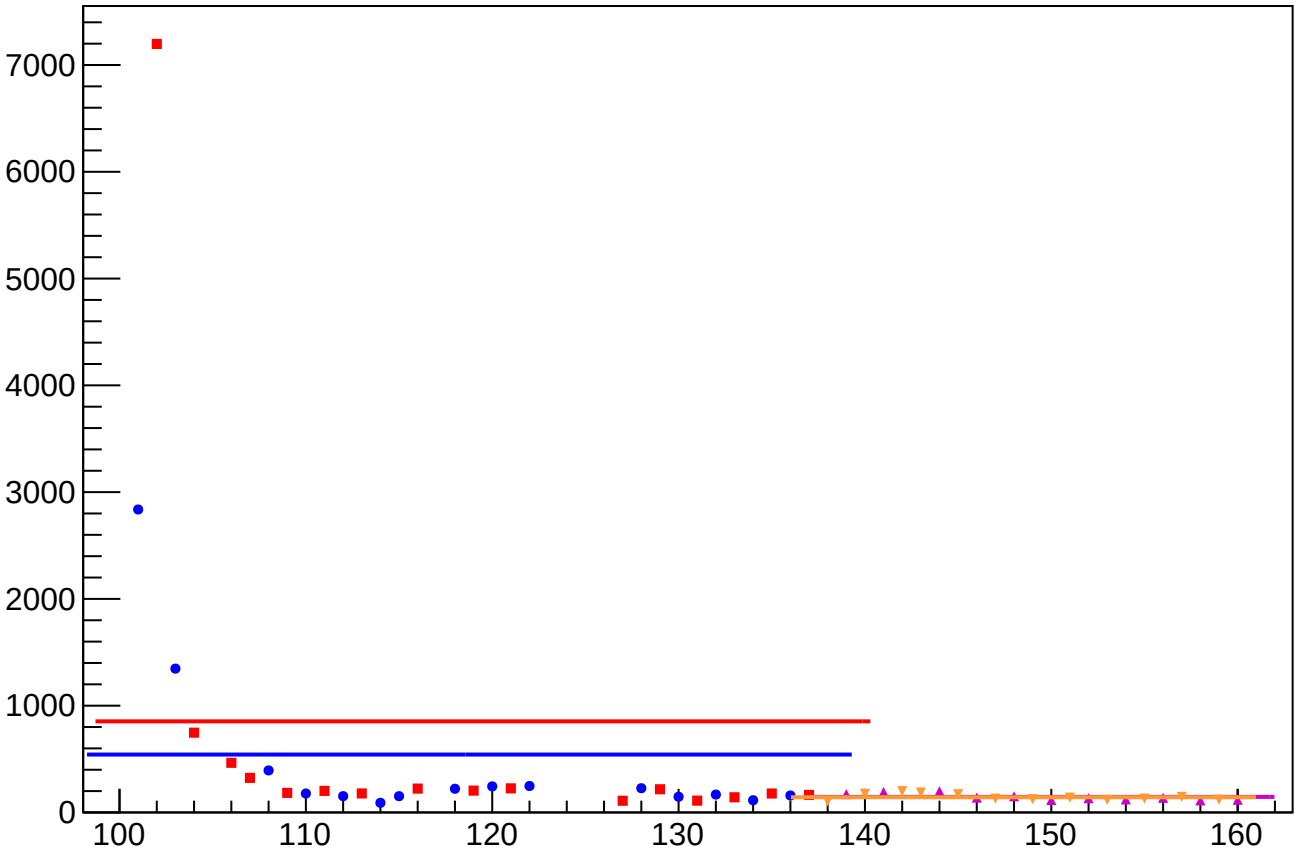
All: 531.737+/-0.000 χ^2/NDF: 27161550392 5

Right Out: 191.587+/-0.000 χ^2/NDF: 216876212055234622341674300502071626 9568.0/15

- sign 468.943+/-0.000 χ^2/NDF: 229659160910176

Left In: 669.155+/-0.000 χ^2/NDF:394811952405636172538422305226164797 44.0/10

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

+ sign 308.422+/-0.000 χ^2/NDF: 475799684039922

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

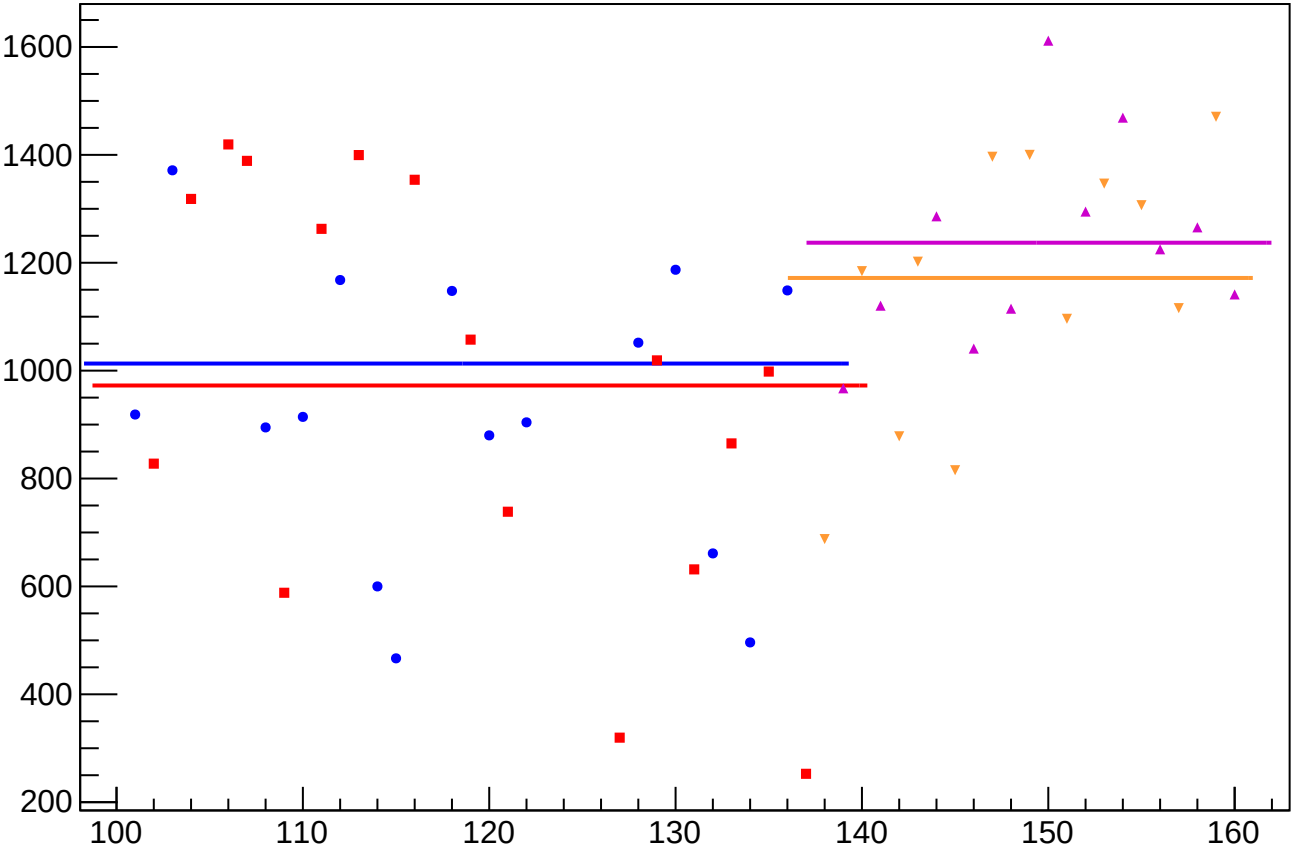
All: 375.901+/-0.000 χ^2/NDF: 325877888055

Right Out: 853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15

- sign 442.194+/-0.000 χ^2/NDF: 276887014570090

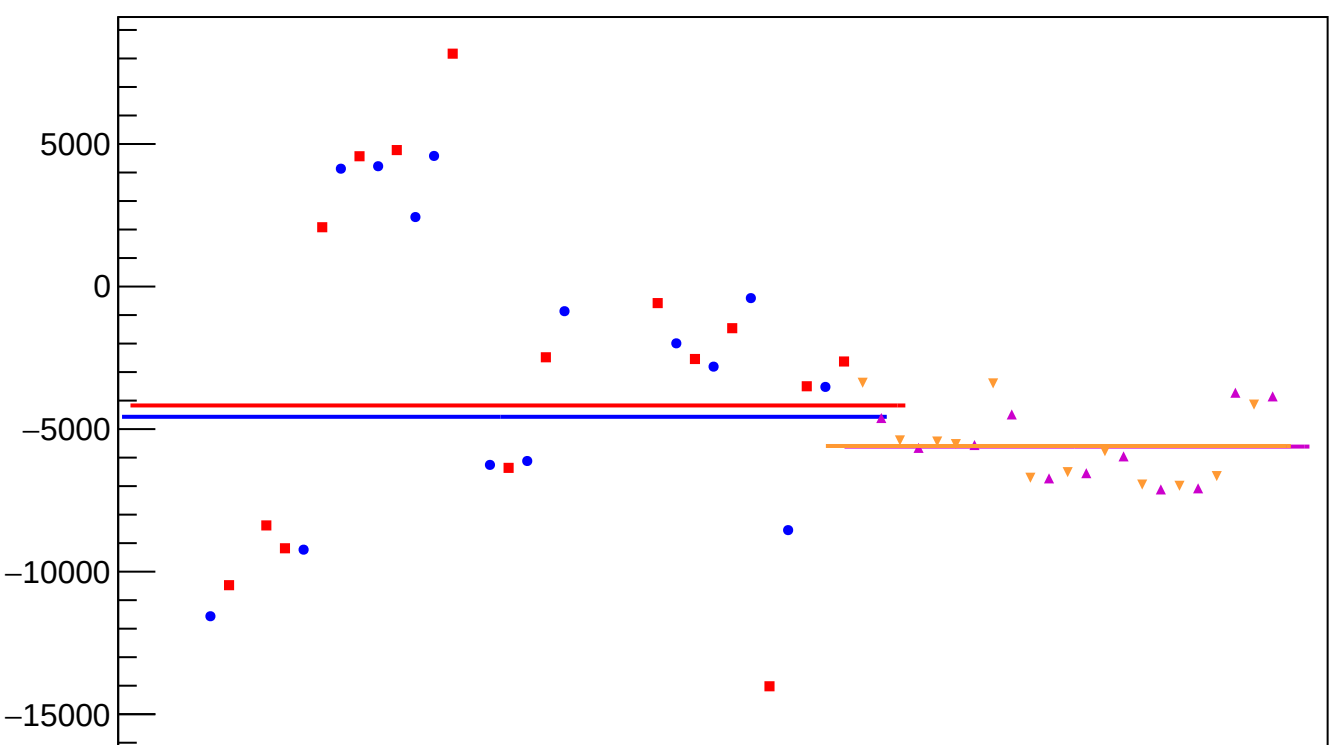
Left In: 145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

dit_atr1_coil6_Ndata_mean vs Slug



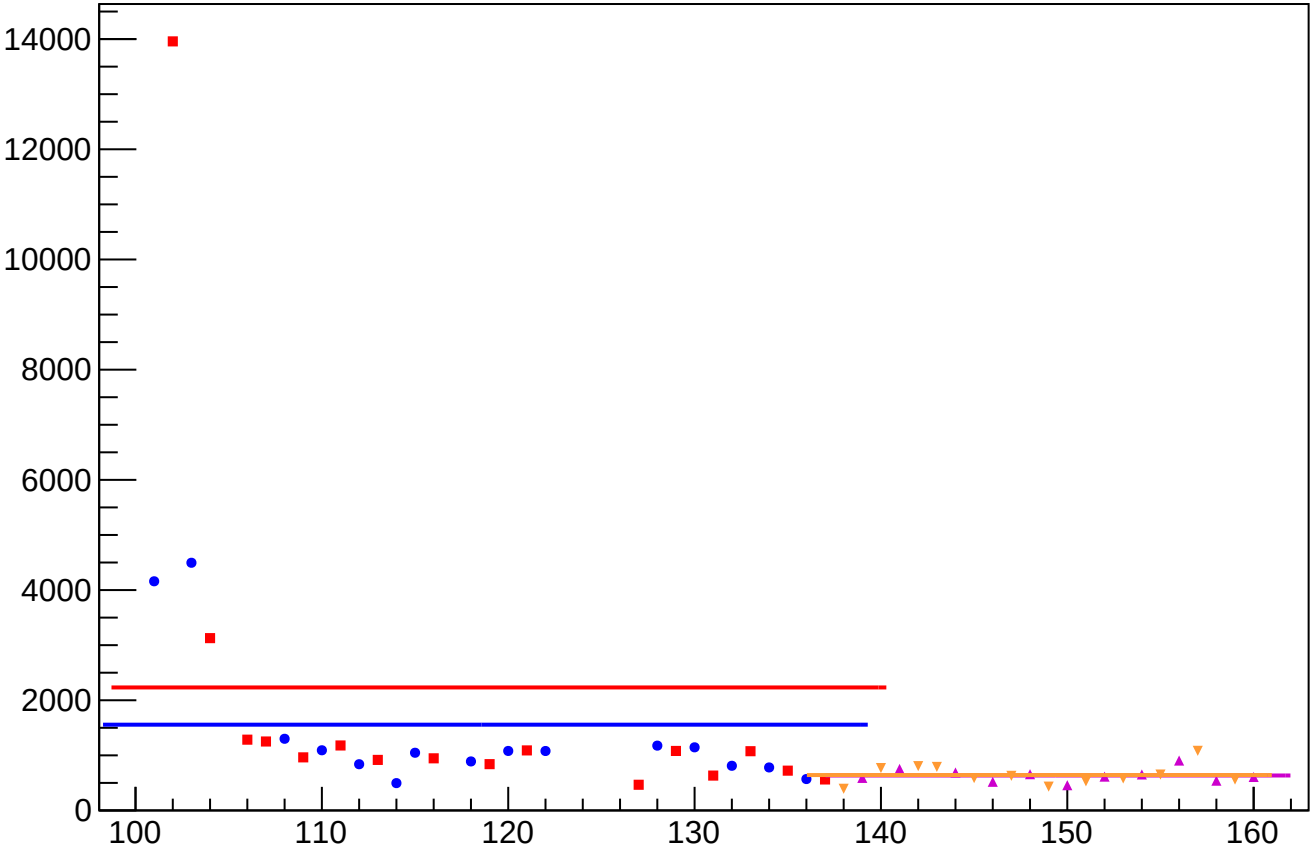
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_atr2_coil6_mean vs Slug



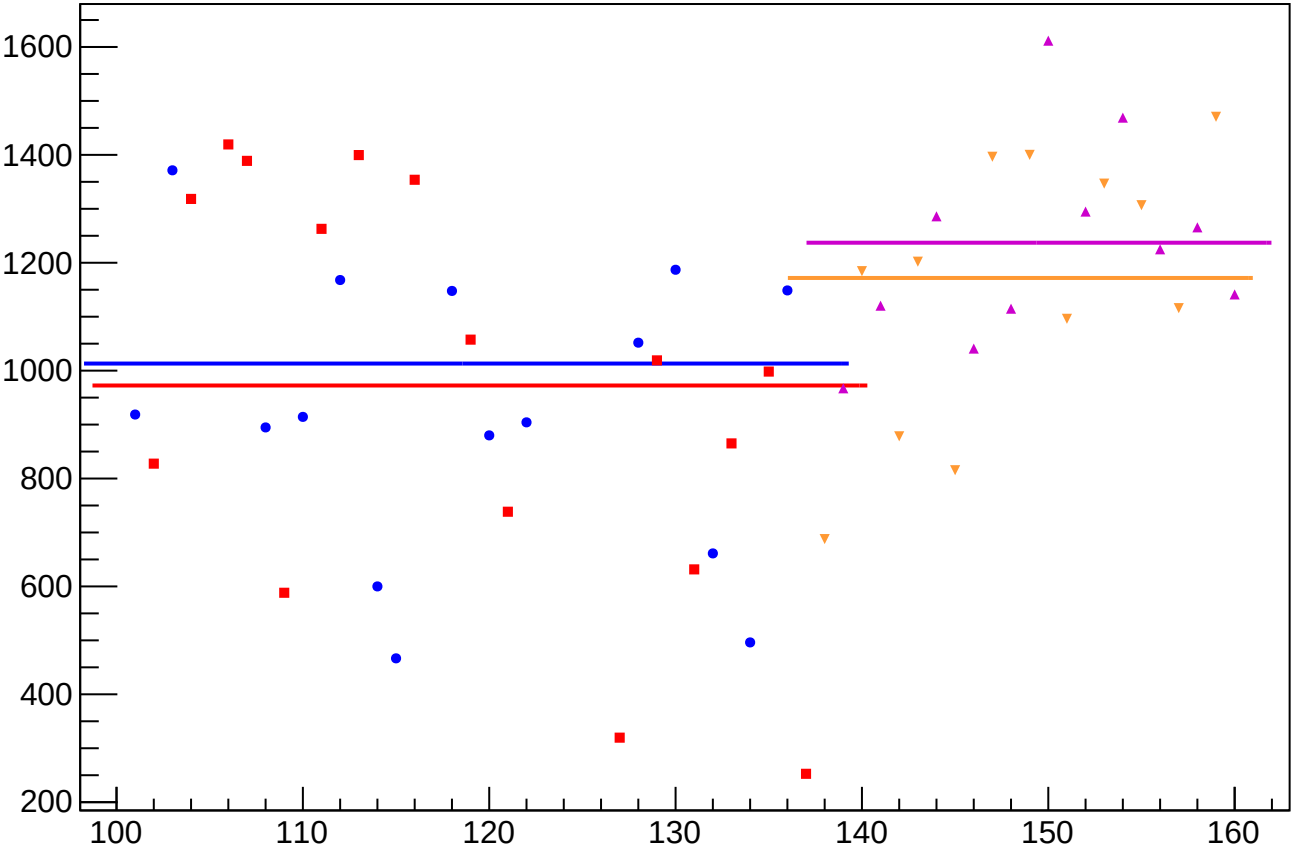
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
+ sign -5167.140+/-0.000 χ^2/NDF: 2609556026190
Left Out: -5592.357+/-0.000 χ^2/NDF:1502507998590915650067934753088681803776.0/11
All: -5087.057+/-0.000 χ^2/NDF: 5916065819
Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302 4128.0/15
- sign -5008.384+/-0.000 χ^2/NDF: 3304522674427 4
Left In: -5613.024+/-0.000 χ^2/NDF:1272210659936261957248133173503170969600.0/10

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14
+ sign 1022.208+/-0.000 χ^2/NDF: 14864291079277
Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11
All: 1164.597+/-0.000 χ^2/NDF: 1154109459 3
Right Out: 2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233292 8.0/15
- sign 1304.479+/-0.000 χ^2/NDF: 99918451960380
Left In: 634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

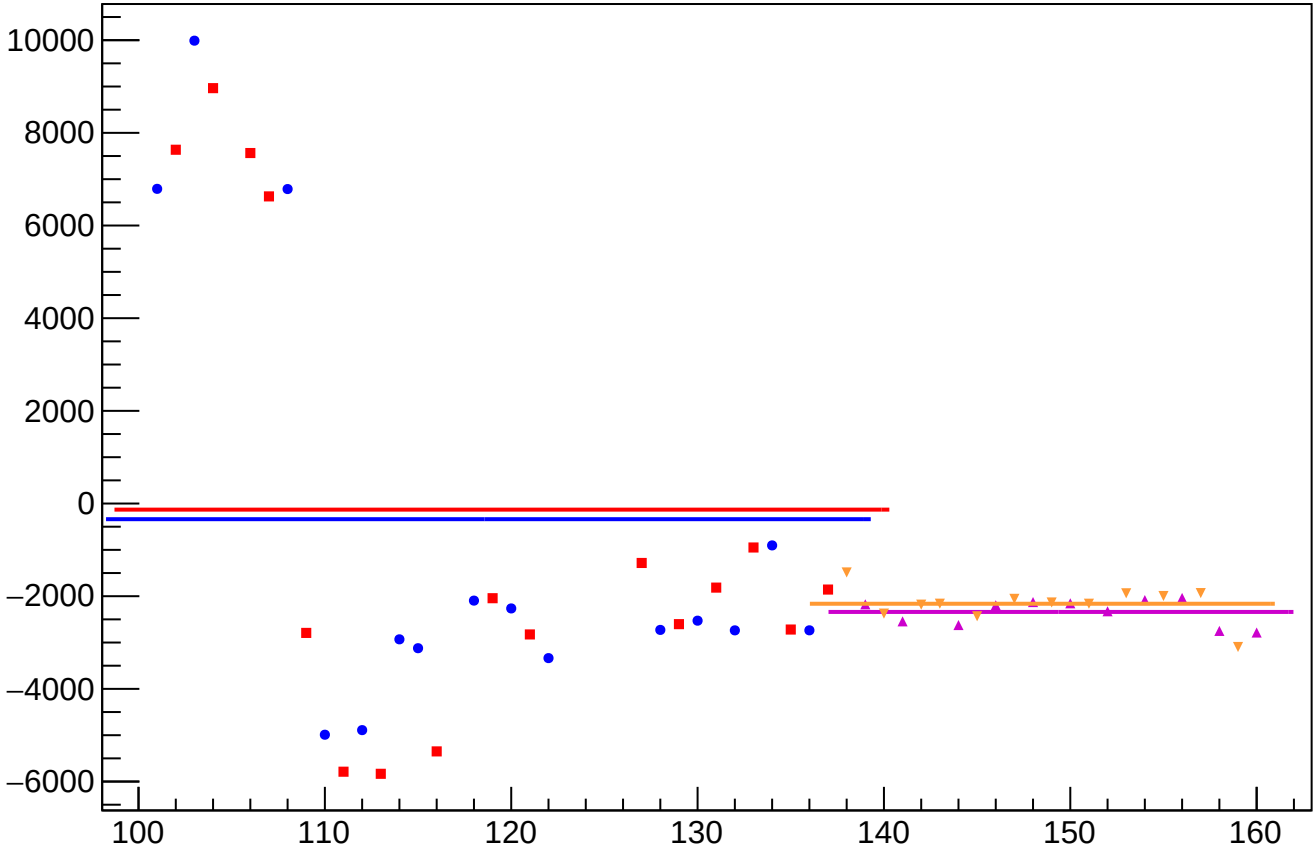
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

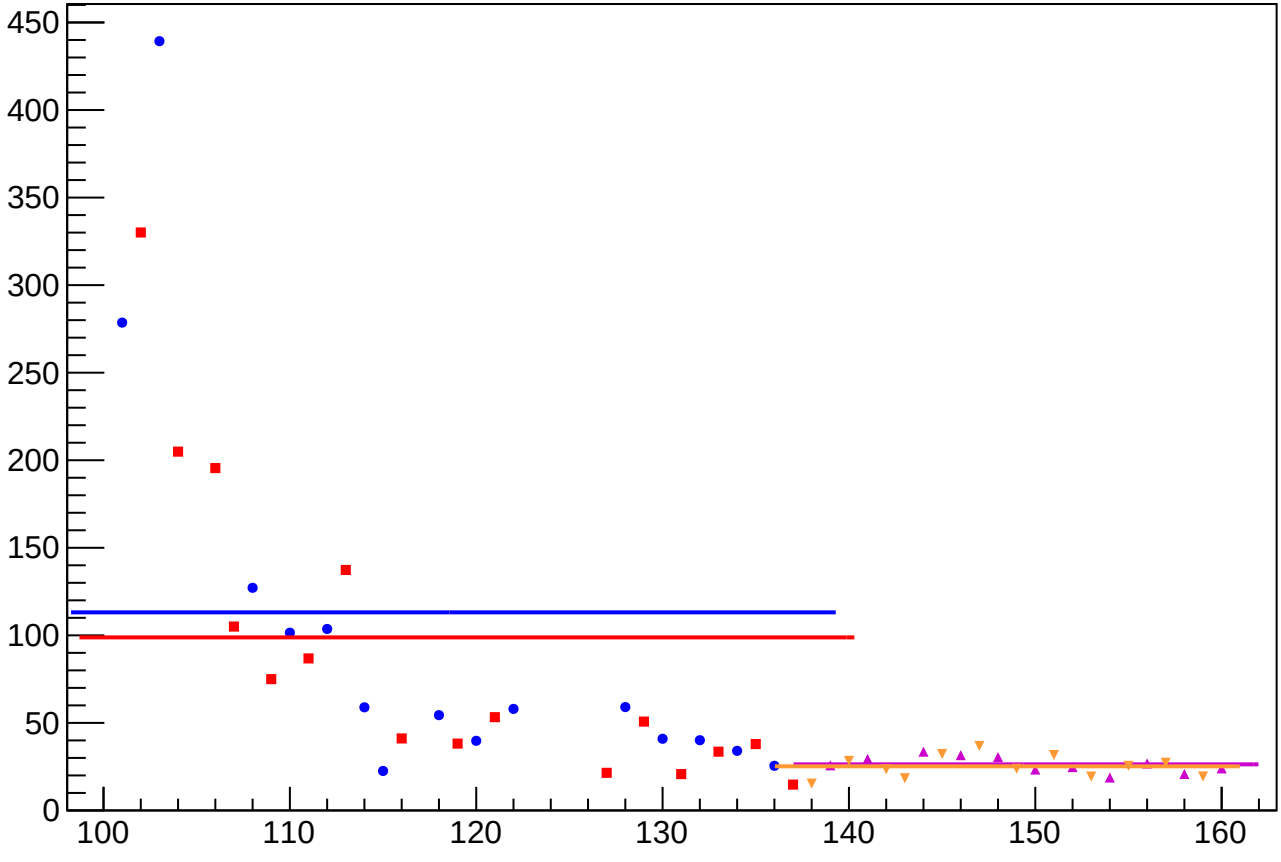
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14
+ sign -1405.071+/-0.000 χ^2/NDF: 1654286779746
Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11
All: -1409.541+/-0.000 χ^2/NDF: 3496770485
Right Out: -131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206 8224.0/15
- sign -1413.933+/-0.000 χ^2/NDF: 1842477513816 0
Left In: -2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

+ sign 61.715+/-0.000 χ^2/NDF: 1295926094815427

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

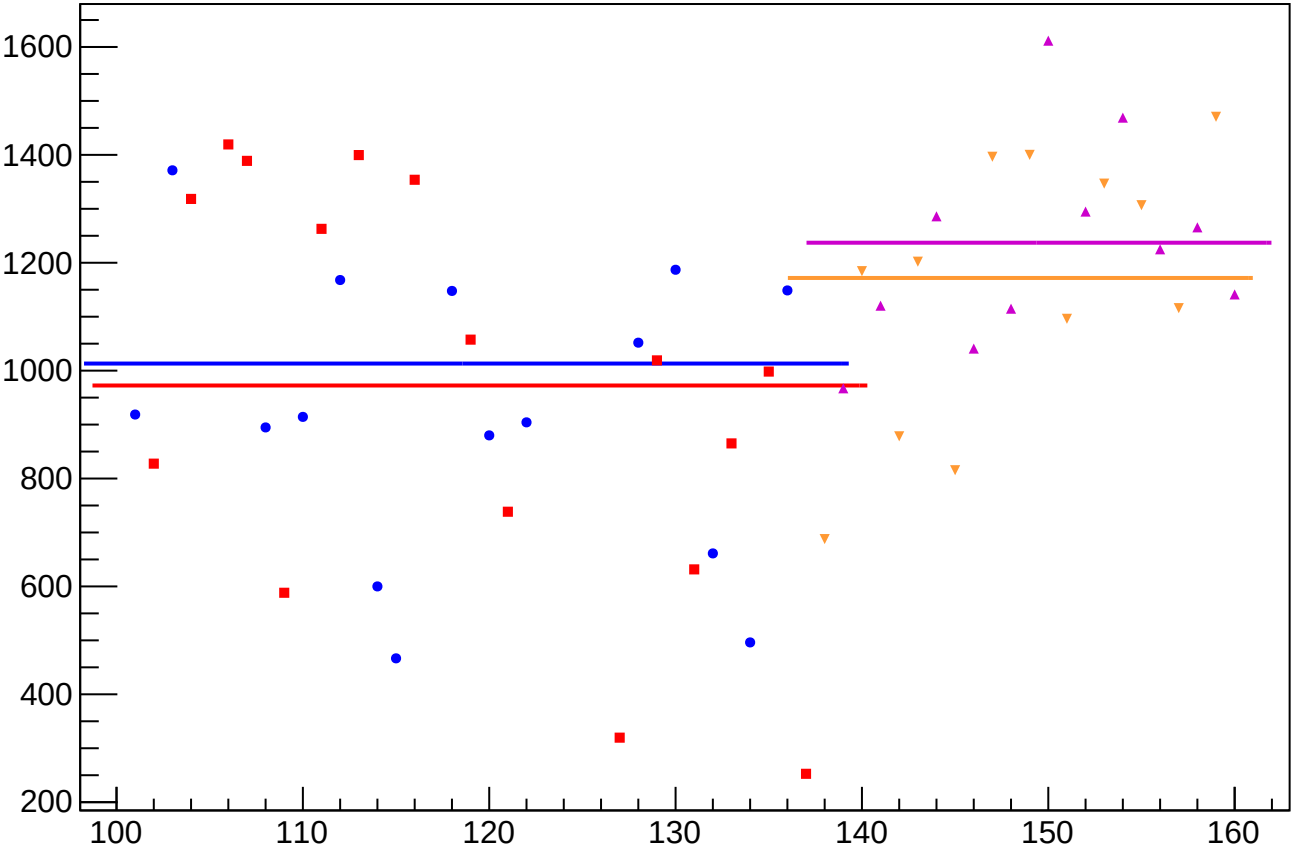
All: 59.198+/-0.000 χ^2/NDF: 205436551836 9

Right Out: 98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

- sign 56.726+/-0.000 χ^2/NDF: 7564771732797838

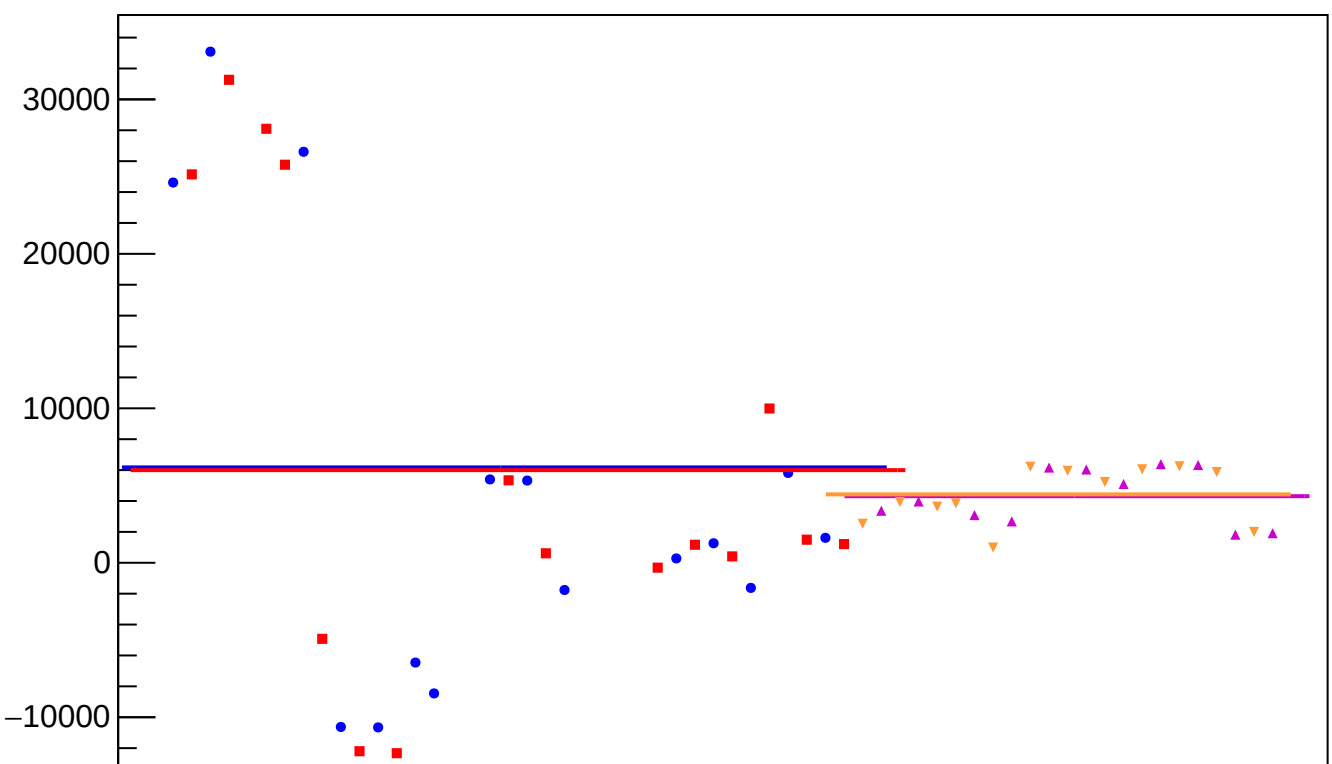
Left In: 26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

dit_sam1_coil6_Ndata_mean vs Slug



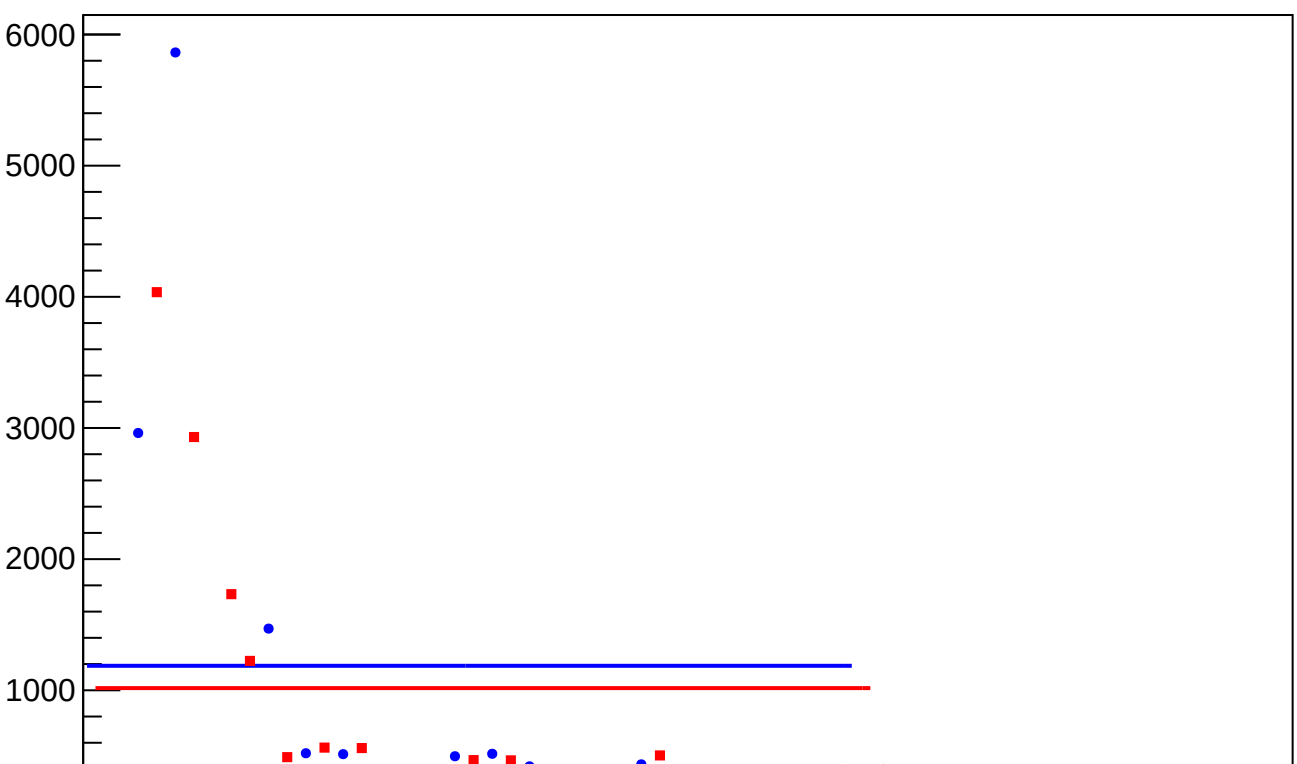
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
+ sign 5153.665+/-0.000 χ^2/NDF: 12131982747999
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
All: 5084.951+/-0.000 χ^2/NDF: 2621808005 2
Right Out: 5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568 12800.0/15
- sign 5017.446+/-0.000 χ^2/NDF: 14084634301440
Left In: 4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

+ sign 643.246+/-0.000 χ^2/NDF: 212720083388662

Left Out: 257.255+/-0.000 χ^2/NDF:278125360146566915786368724948431667 2.0/11

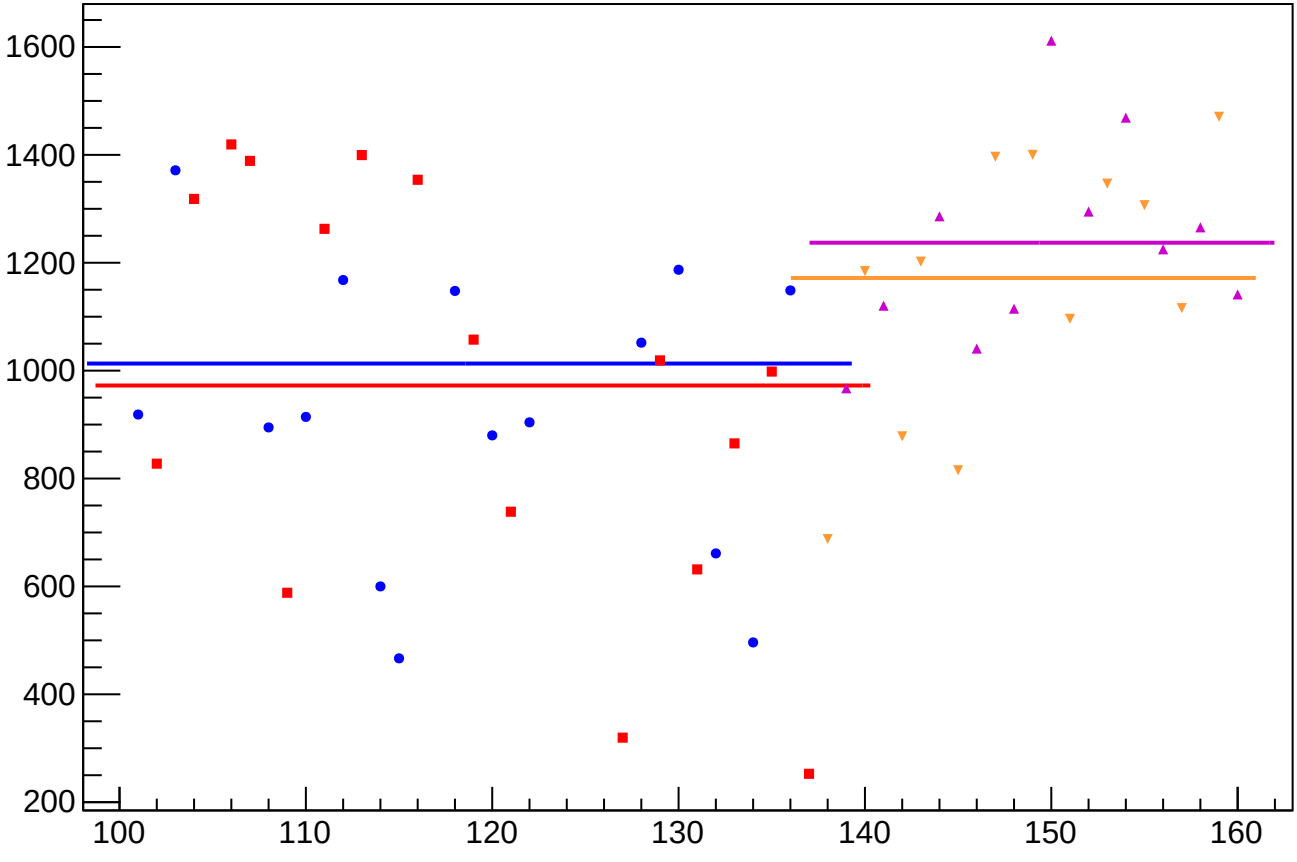
All: 612.442+/-0.000 χ^2/NDF: 328051716192

Right Out: 1016.732+/-0.000 χ^2/NDF: 927646003466094249558391691024825057280.0/15

- sign 582.179+/-0.000 χ^2/NDF: 115037612749111

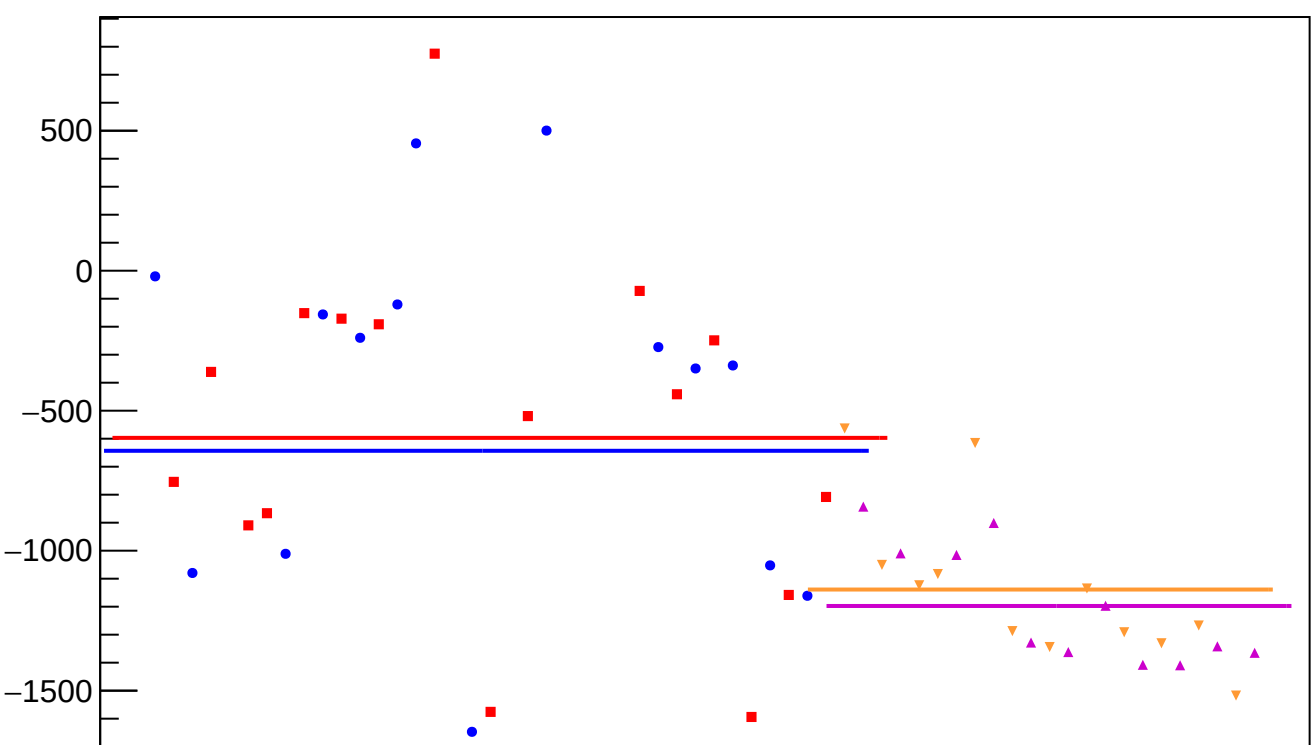
Left In: 268.493+/-0.000 χ^2/NDF:585573497570654782355660796638684774 4.0/10

dit_sam2_coil6_Ndata_mean vs Slug



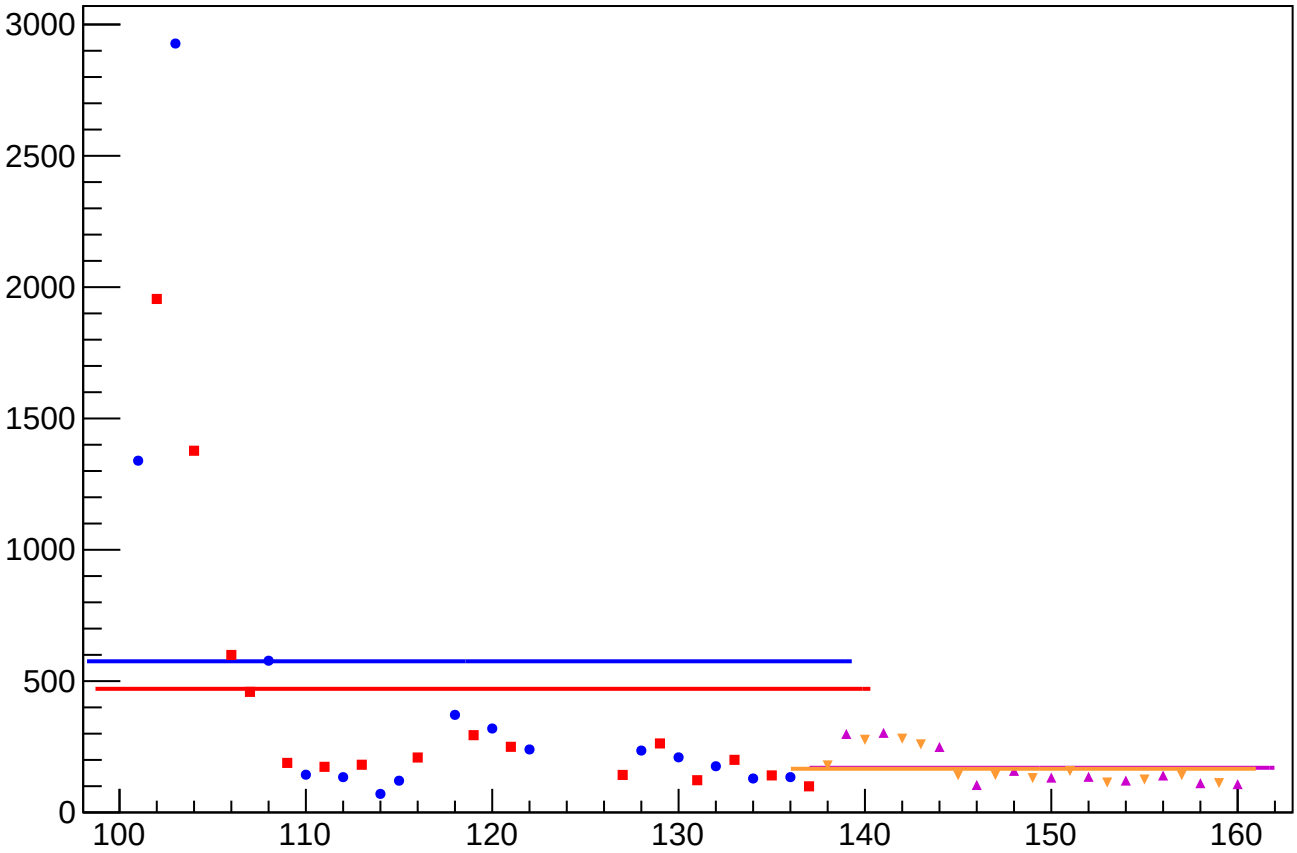
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF: 272726964608206694027285159784925364224.0/14
+ sign -932.996+/-0.000 χ^2/NDF: 43692805722802
Left Out: -1138.759+/-0.000 χ^2/NDF:710061859534242542705907917181702635 52.0/11
All: -939.440+/-0.000 χ^2/NDF: 8260825249 9
Right Out: -597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053 76512.0/15
- sign -945.770+/-0.000 χ^2/NDF: 38902582155876 0
Left In: -1197.503+/-0.000 χ^2/NDF:3862472221415609611027105702390666 36288.0/10

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11

Right Out: 470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

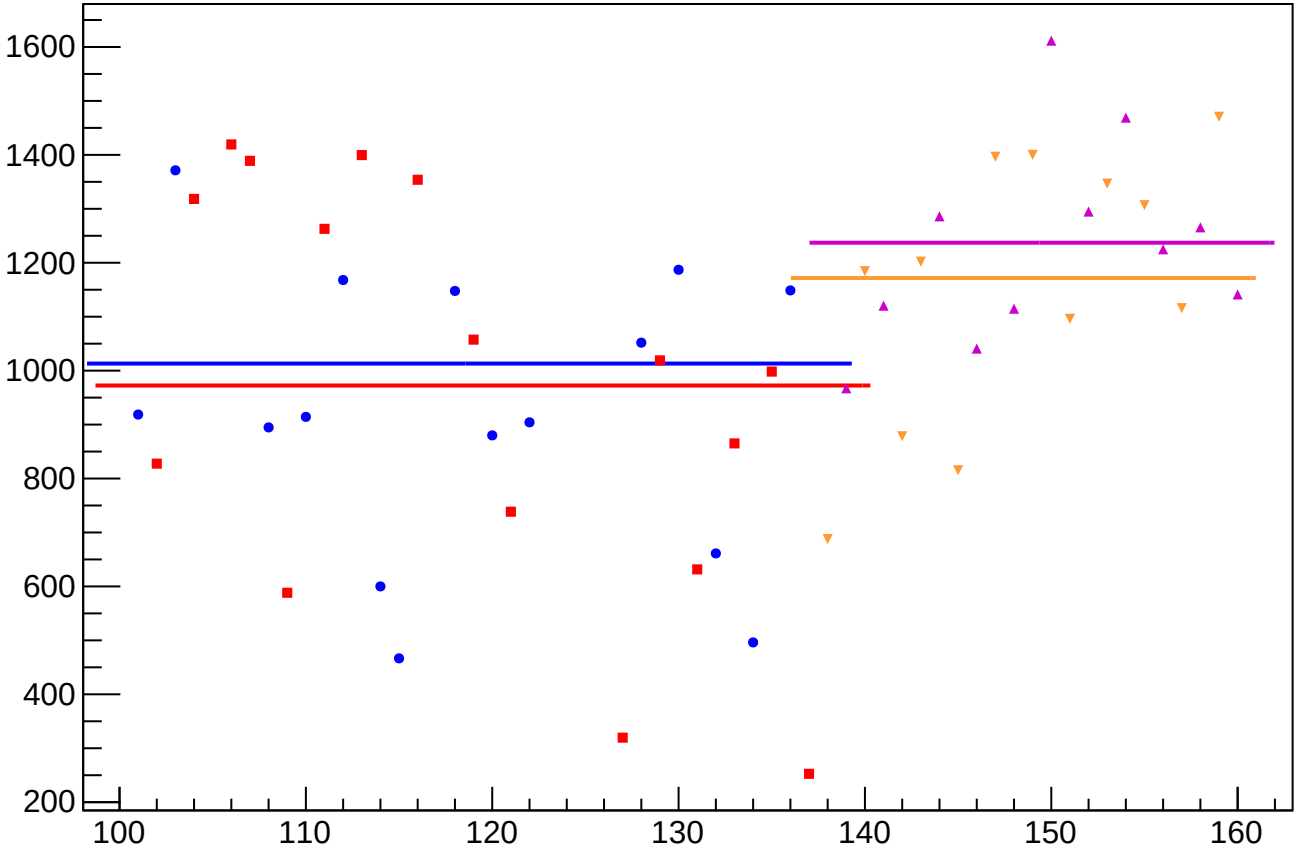
Left In: 170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10

+ sign 336.257+/-0.000 χ^2/NDF: 499270475269907

All: 316.009+/-0.000 χ^2/NDF: 749713374727

- sign 296.118+/-0.000 χ^2/NDF: 249172631287531

dit_sam3_coil6_Ndata_mean vs Slug



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

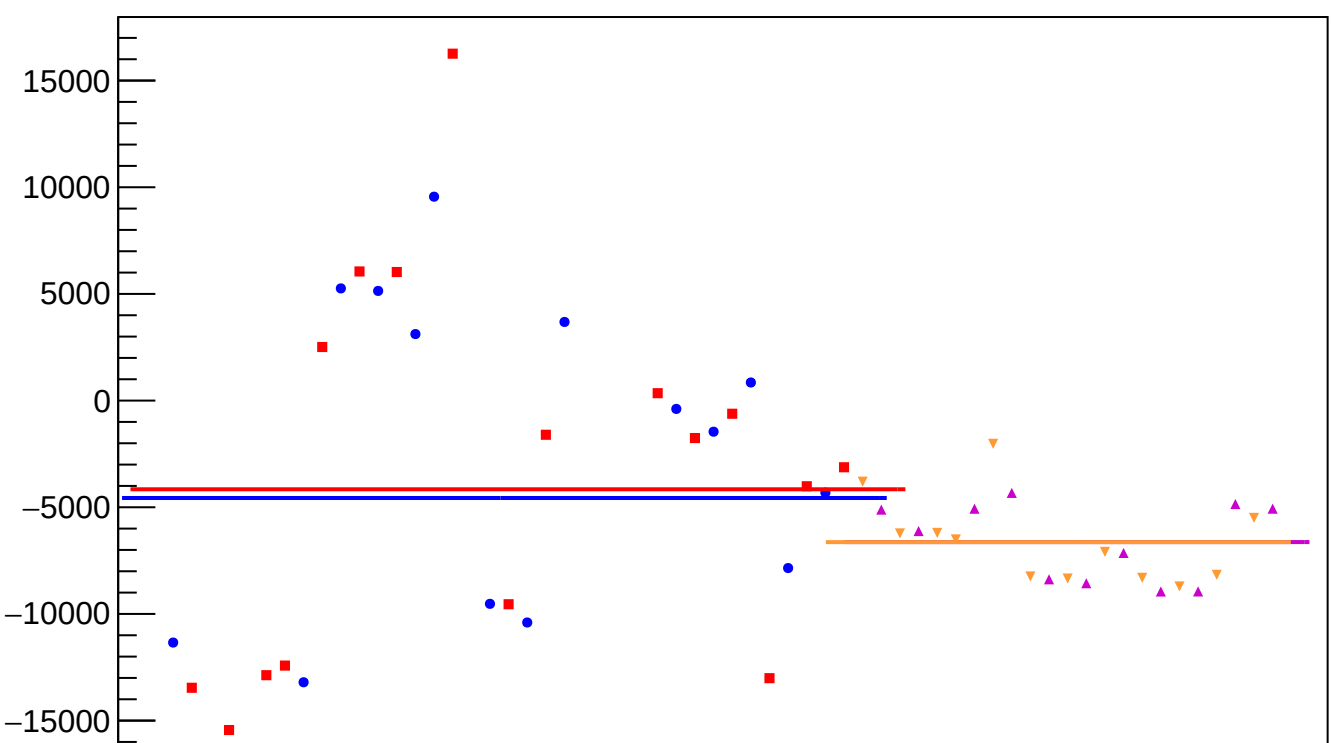
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14

Left Out: -6634.457+/-0.000 χ^2/NDF:3640150880403299784339543756995645407232.0/11

Right Out: -4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219 5968.0/15

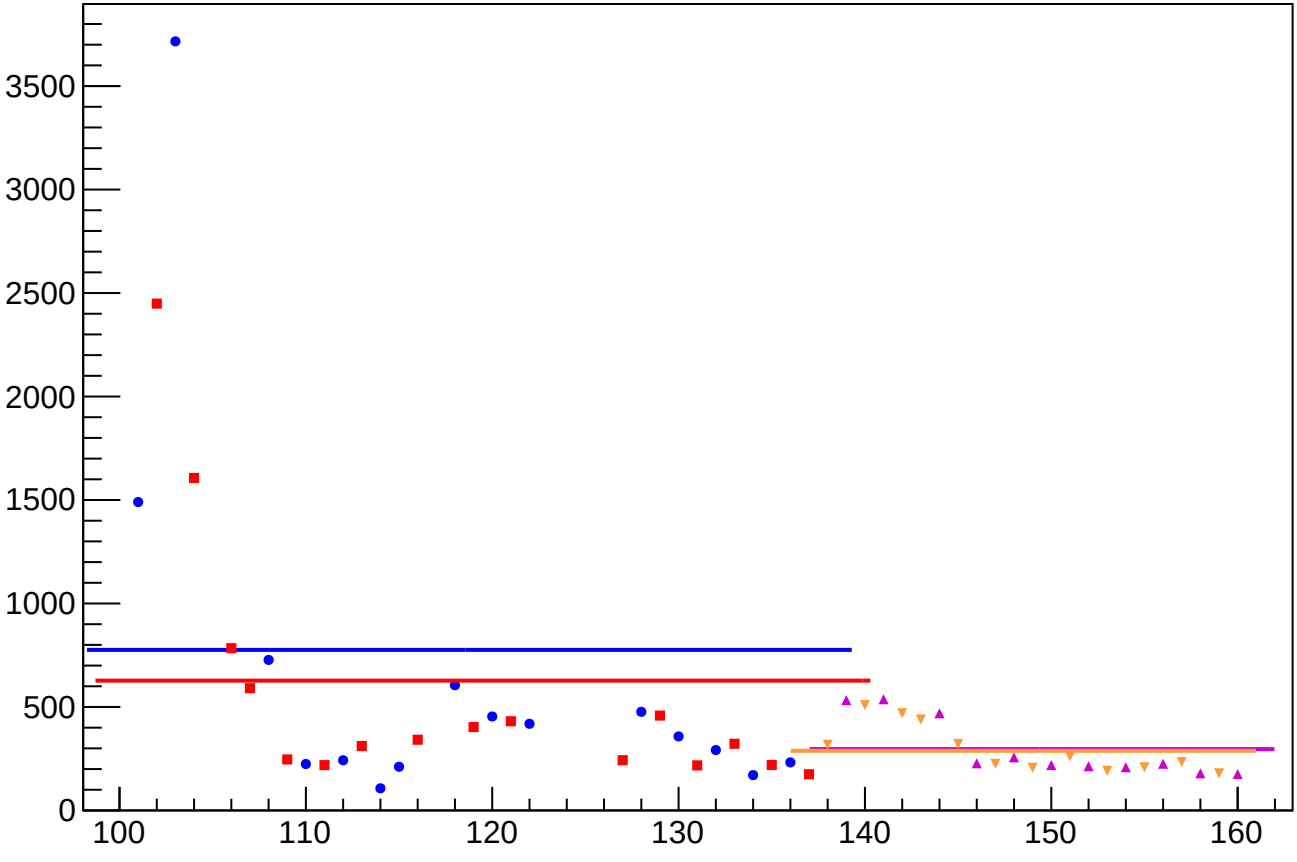
Left In: -6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10

+ sign -5775.333+/-0.000 χ^2/NDF: 4093261338391

All: -5683.850+/-0.000 χ^2/NDF: 9170111031

- sign -5593.977+/-0.000 χ^2/NDF: 5074256509623 8

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Left Out: 288.226+/-0.000 χ^2/NDF:1060734921843509529640037672872522547 2.0/11

Right Out: 627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

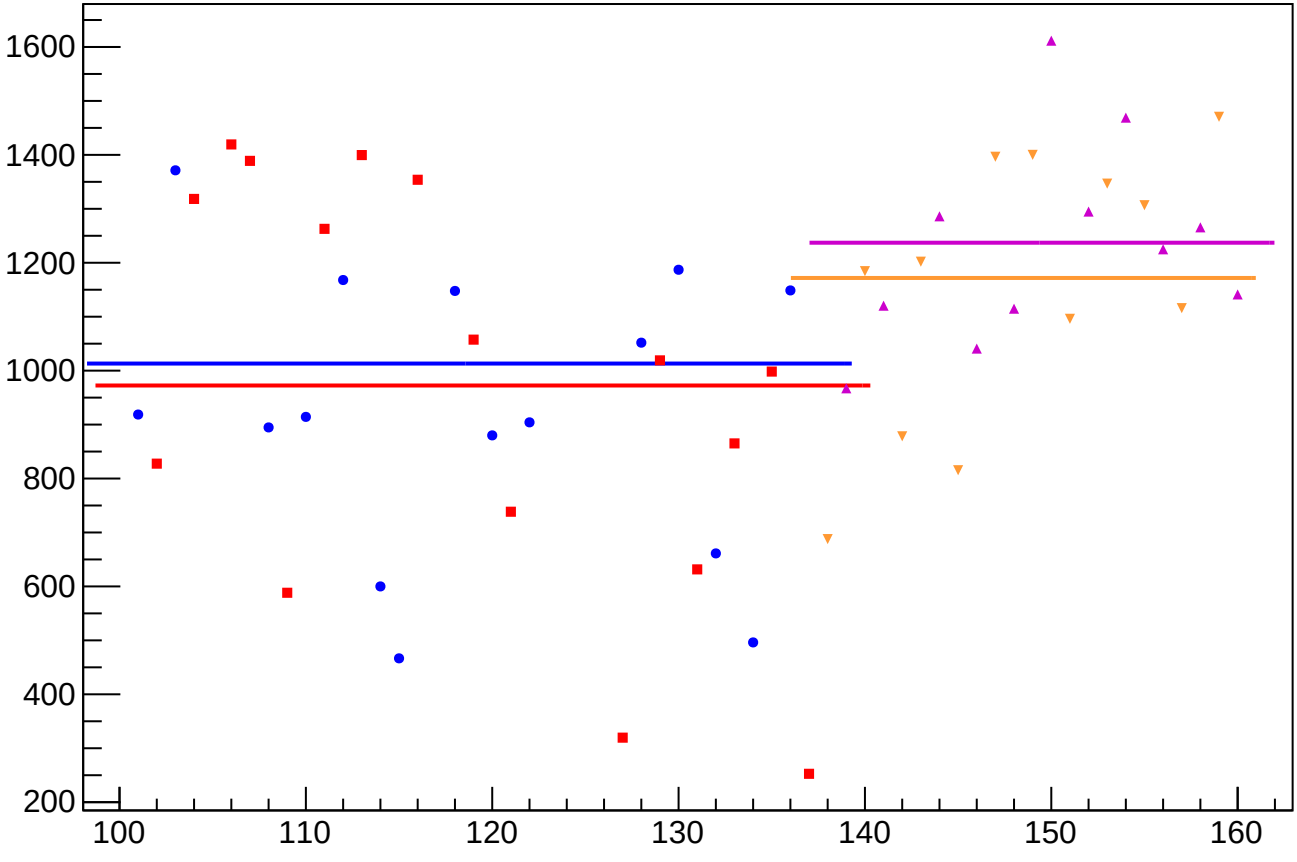
Left In: 296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

+ sign 490.690+/-0.000 χ^2/NDF: 74269533494512 1

All: 462.697+/-0.000 χ^2/NDF: 11020925146 8

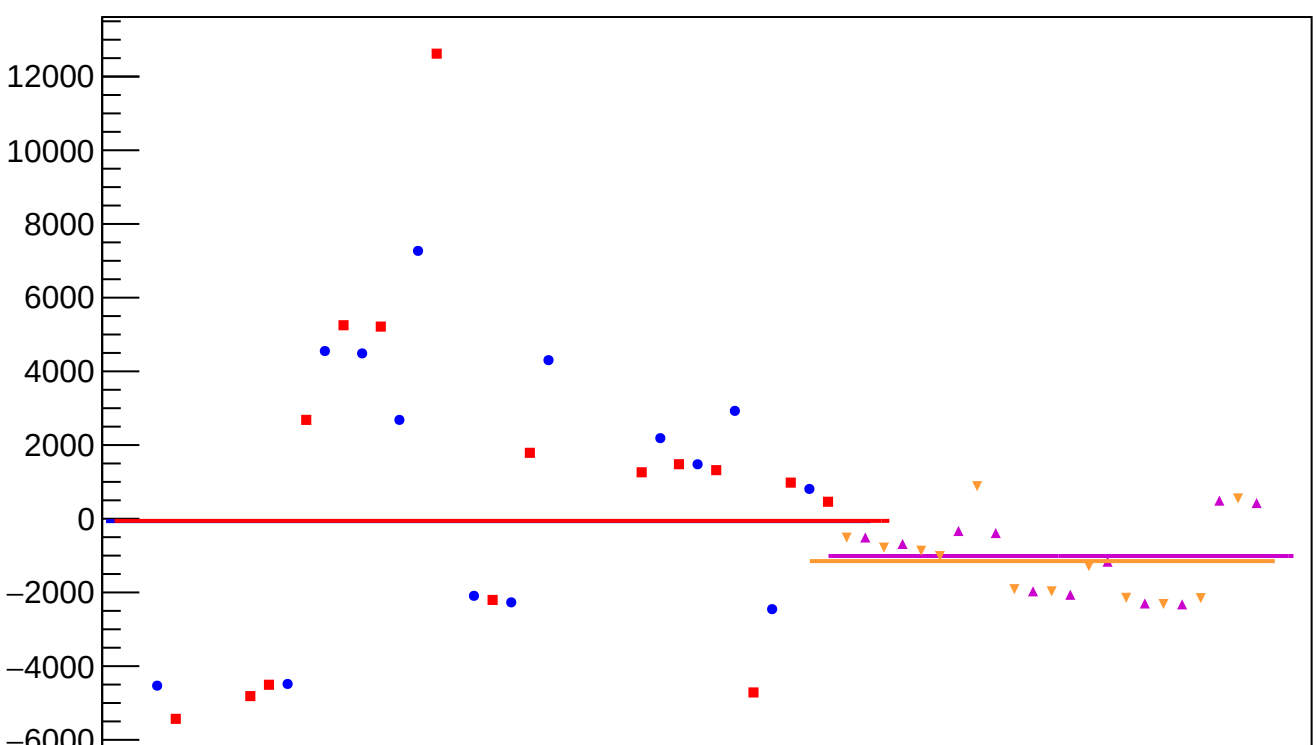
- sign 435.197+/-0.000 χ^2/NDF: 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



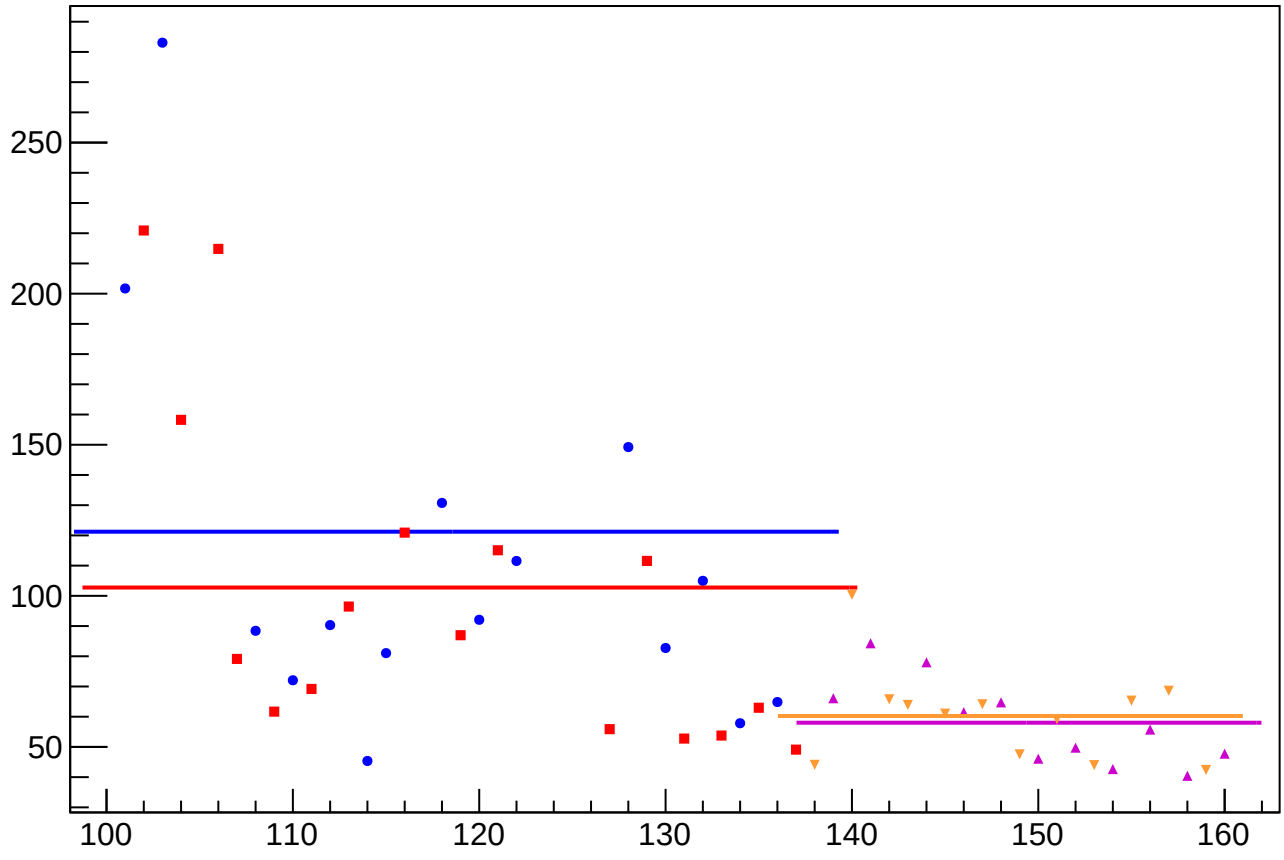
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
+ sign -698.812+/-0.000 χ^2/NDF: 11037797160174
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
All: -654.674+/-0.000 χ^2/NDF: 2608129590 6
Right Out: -57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779799 04.0/15
- sign -611.312+/-0.000 χ^2/NDF: 150374623927280
Left In: -1011.284+/-0.000 χ^2/NDF:90390940842187417173900154315979567923 2.0/10

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF: 2723170857684362574800637594861305856.0/14

+ sign 85.563+/-0.000 χ^2/NDF: 435992167216224

Left Out: 60.239+/-0.000 χ^2/NDF:2251025544910328695487978455003299 84.0/11

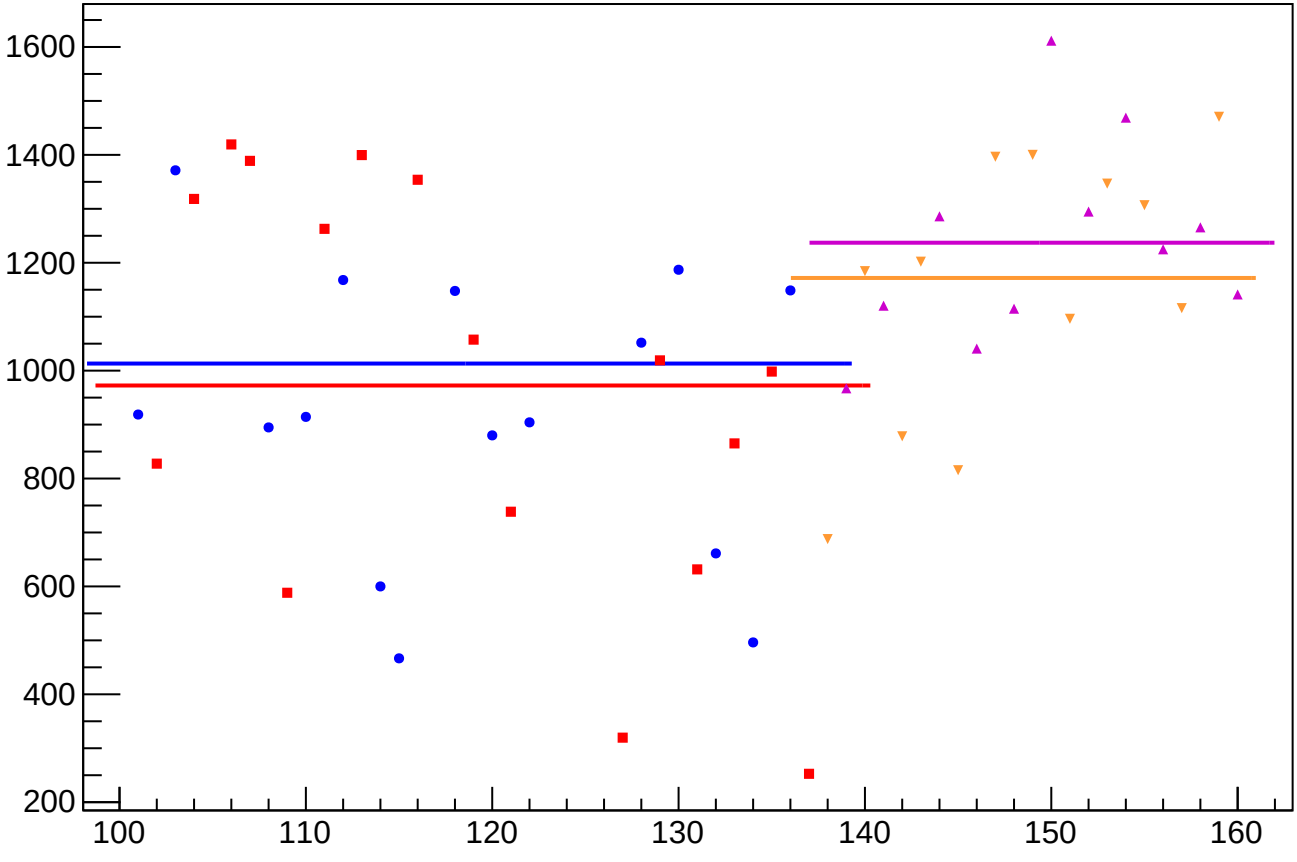
All: 81.126+/-0.000 χ^2/NDF: 734136660562

Right Out: 102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591 8336.0/15

- sign 76.766+/-0.000 χ^2/NDF: 292042974501347 5

Left In: 58.011+/-0.000 χ^2/NDF:1774277017865404387576550272144506 88.0/10

dit_sam5_coil6_Ndata_mean vs Slug



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

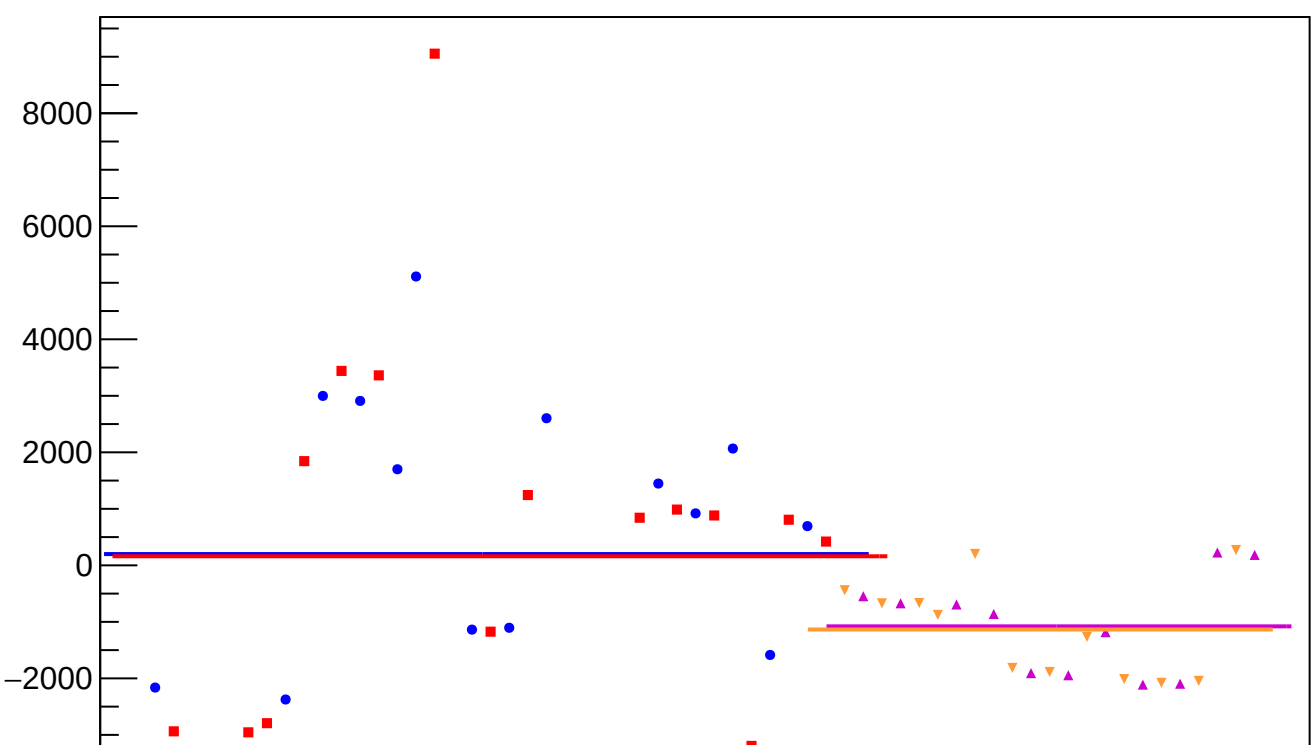
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

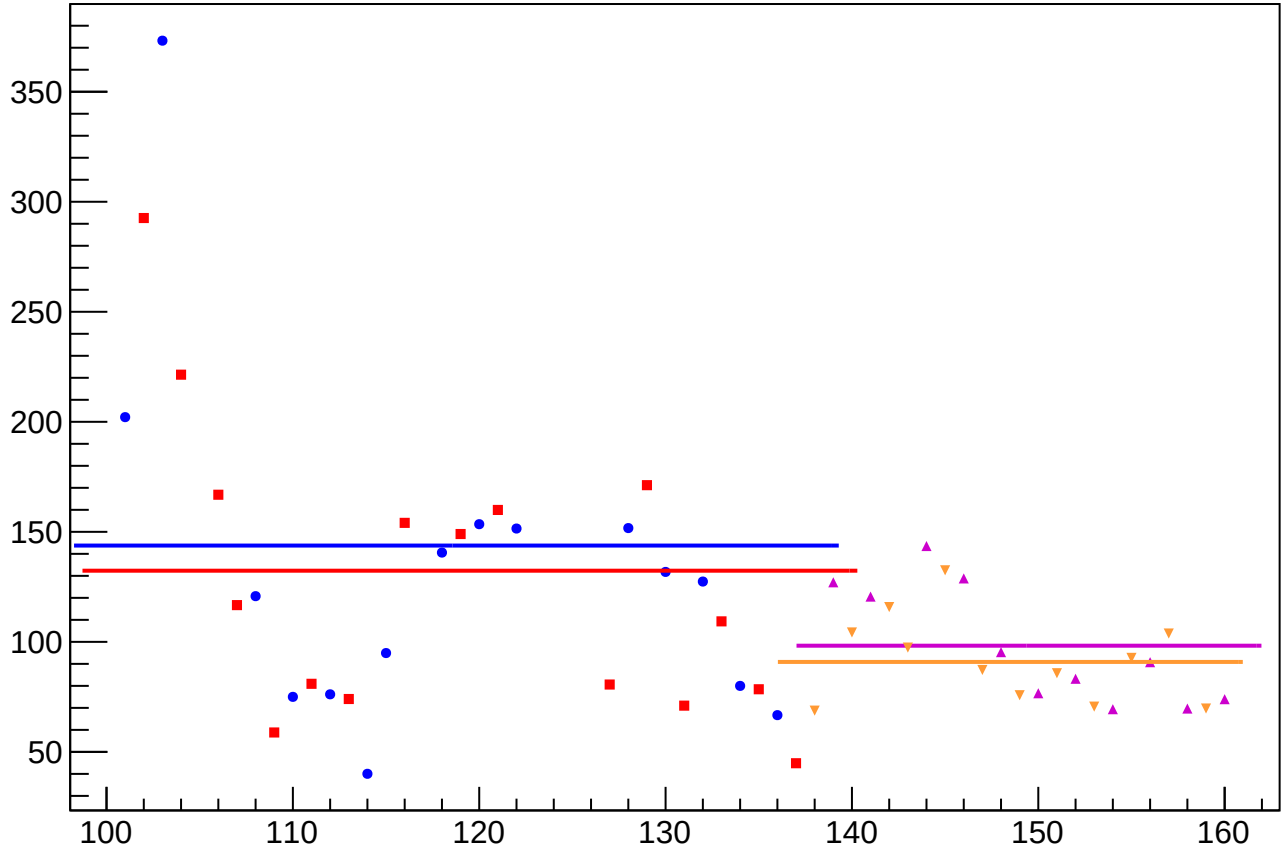
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF: 326815974592353382504518166487684979097 6.0/14
+ sign -581.144+/-0.000 χ^2/NDF: 45992004244900
Left Out: -1135.455+/-0.000 χ^2/NDF:654697592596579349133010058178925166592.0/11
All: -570.315+/-0.000 χ^2/NDF: 1149056147 6
Right Out: 160.512+/-0.000 χ^2/NDF: 568057670946119790152672970370625149 3376.0/15
- sign -559.678+/-0.000 χ^2/NDF: 68909977403524 0
Left In: -1079.555+/-0.000 χ^2/NDF:614734398575877452858032752710912049152.0/10

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764+/-0.000 χ^2/NDF: 451478586956577784990050859182194688 0.0/14

+ sign 112.840+/-0.000 χ^2/NDF: 590235067464096

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

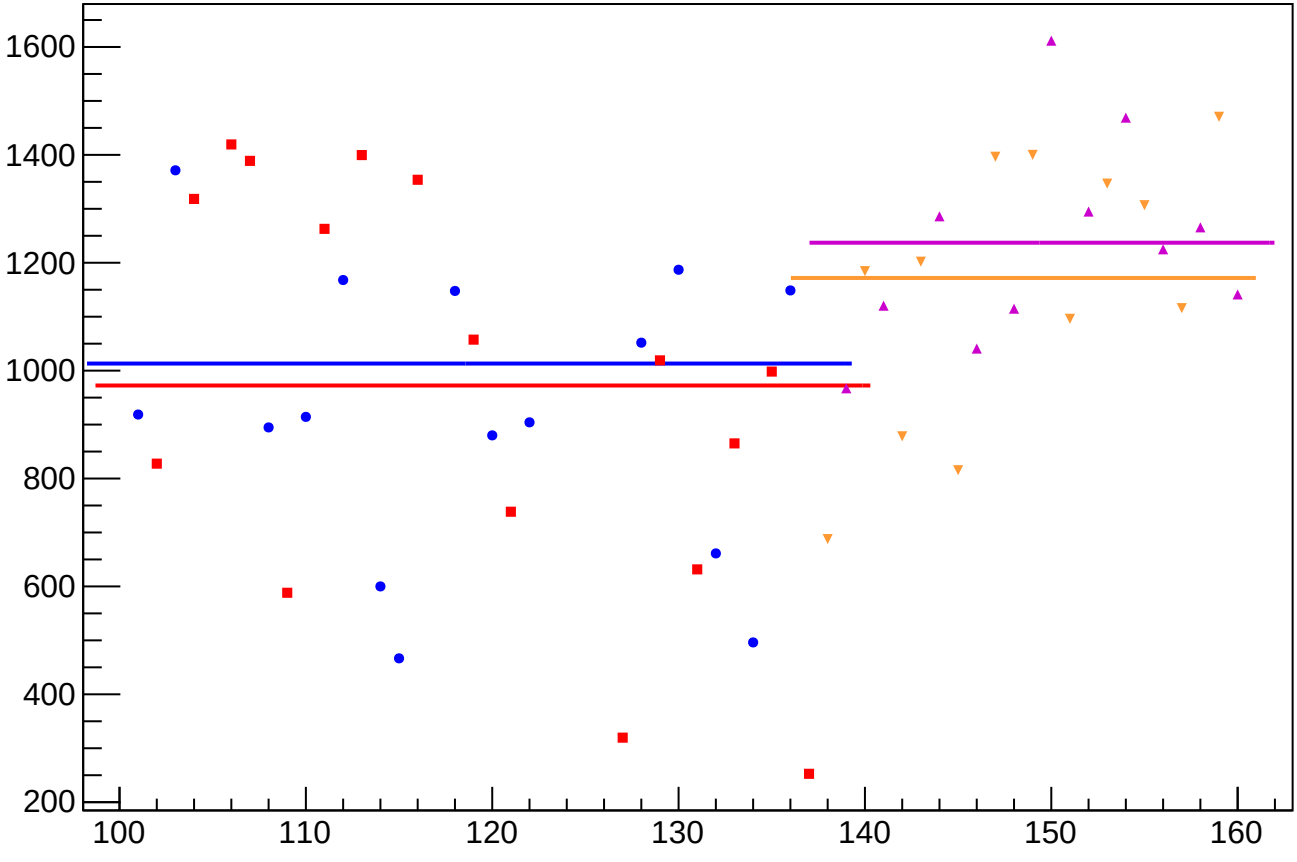
All: 112.691+/-0.000 χ^2/NDF: 10147510778 3

Right Out: 132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

- sign 112.546+/-0.000 χ^2/NDF: 424509210993955

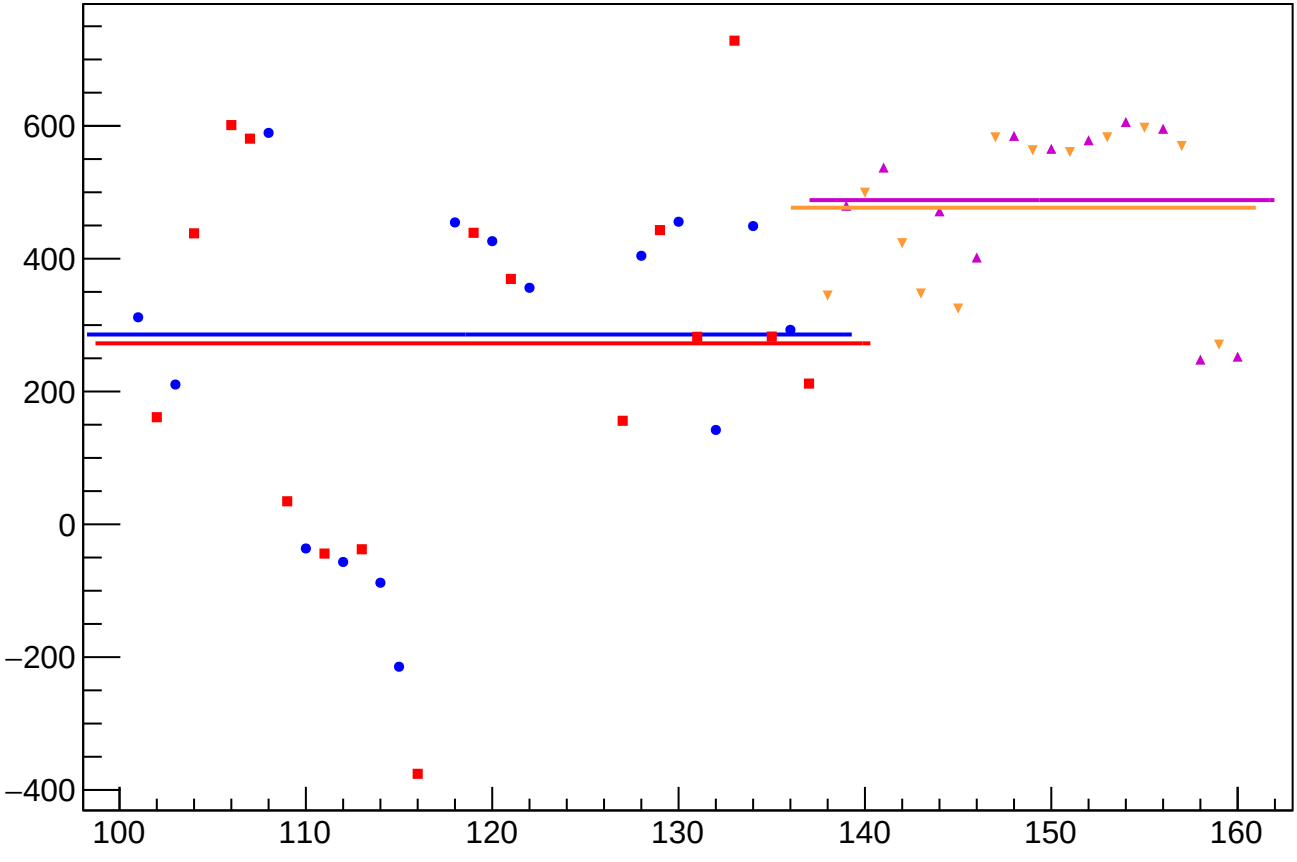
Left In: 98.257+/-0.000 χ^2/NDF:620993776773093393033369428470792192.0/10

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460
Left Out: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11

Right Out: 272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

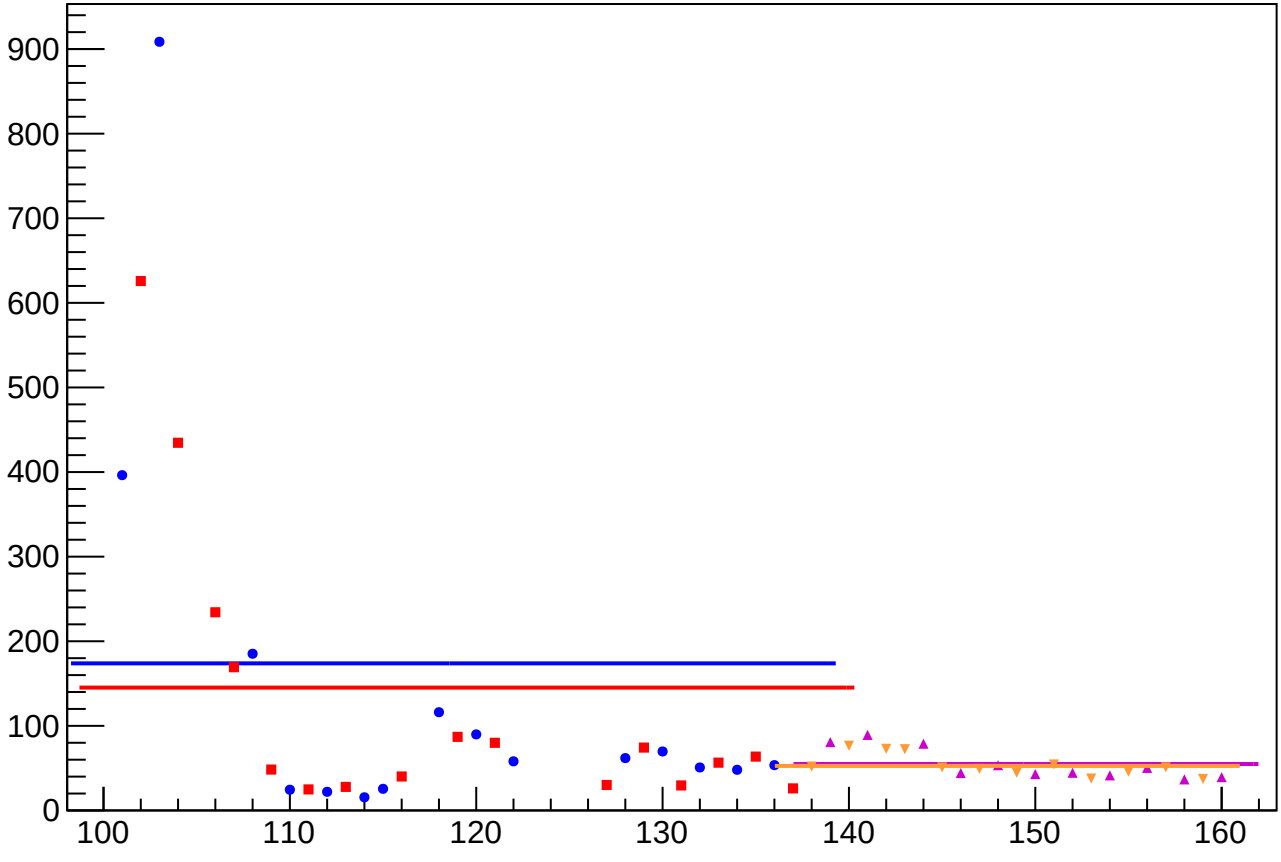
Left In: 488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10

+ sign 397.512+/-0.000 χ^2/NDF: 506405806110630

All: 397.652+/-0.000 χ^2/NDF: 12663659867 3

- sign 397.790+/-0.000 χ^2/NDF: 759959573910775

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

+ sign 102.988+/-0.000 χ^2/NDF: 474219136417657

Left Out: 52.656+/-0.000 χ^2/NDF:1401594233858879766920661675414650 88.0/11

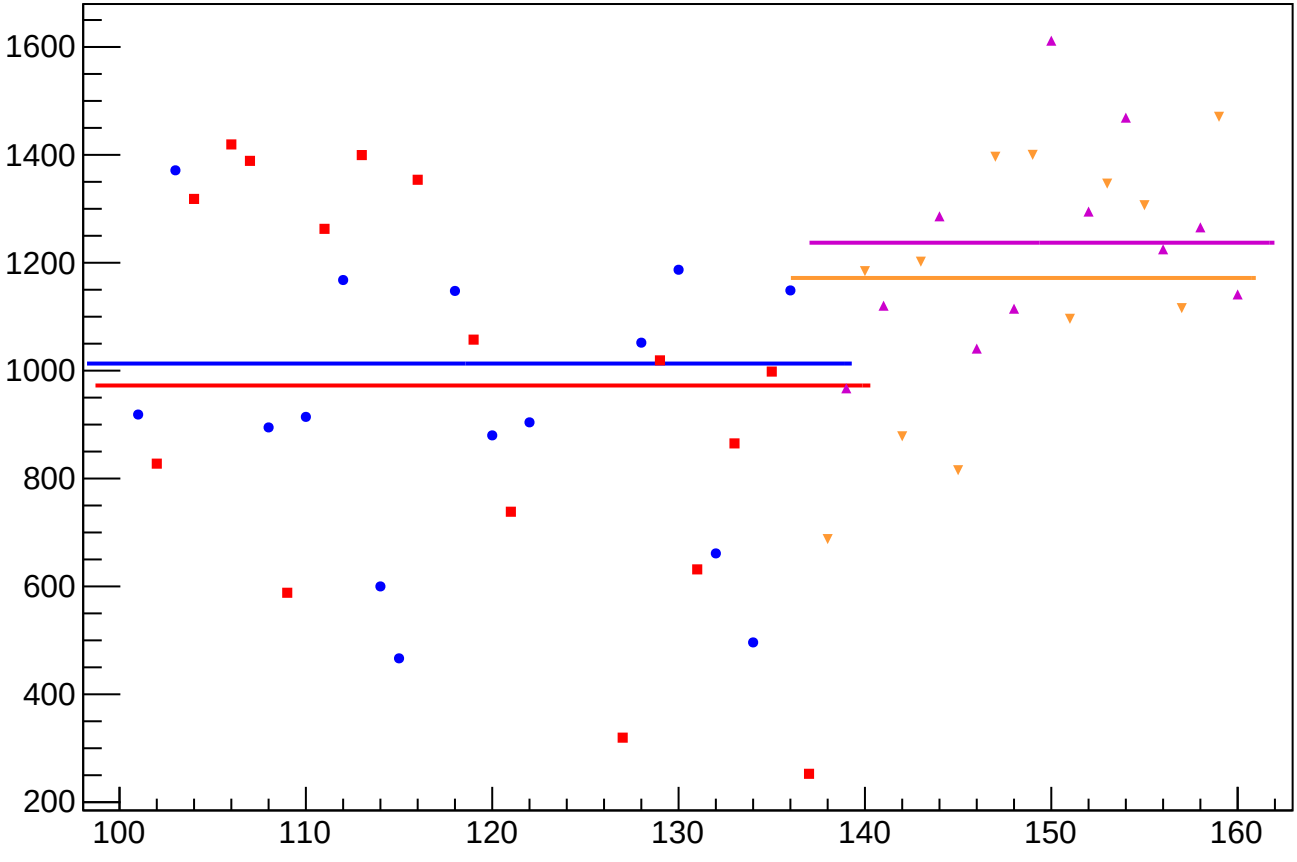
All: 97.830+/-0.000 χ^2/NDF: 7349556913199

Right Out: 145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

- sign 92.763+/-0.000 χ^2/NDF: 2599123168114386

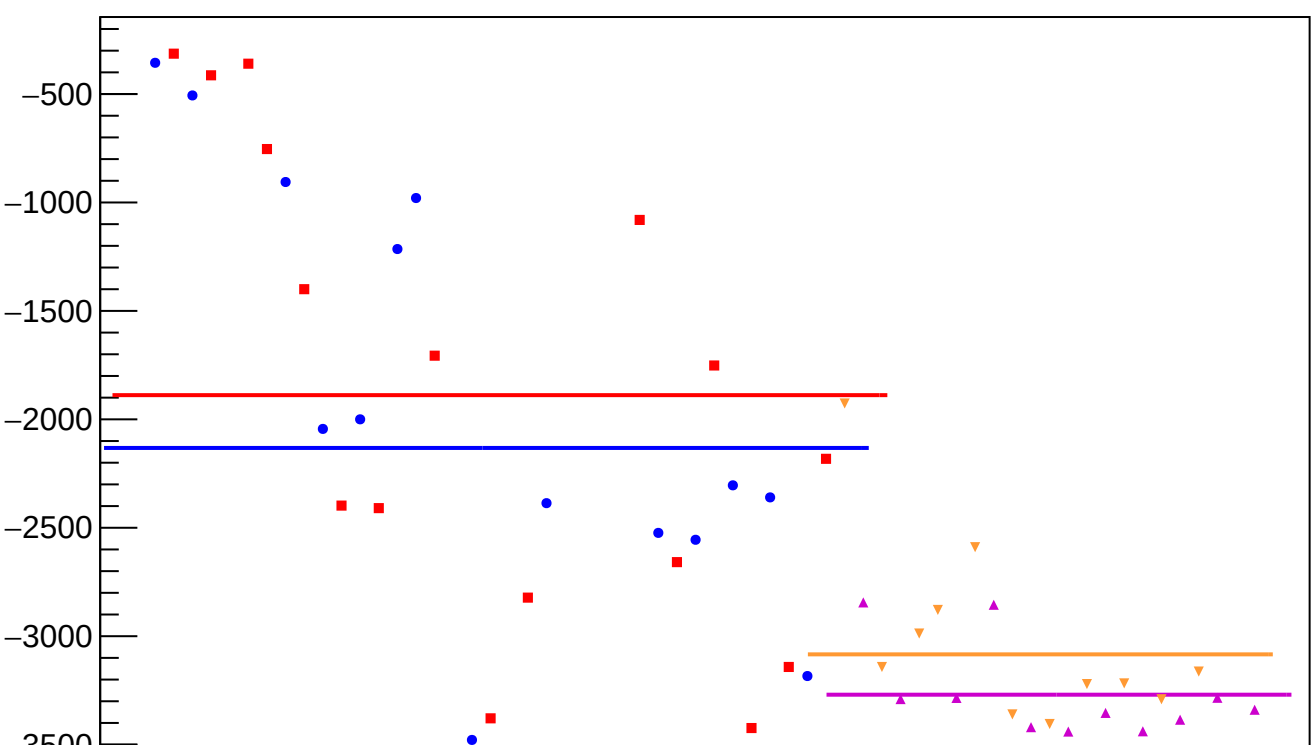
Left In: 54.891+/-0.000 χ^2/NDF:300358274506113612486338175884591104.0/10

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11

Right Out: -1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

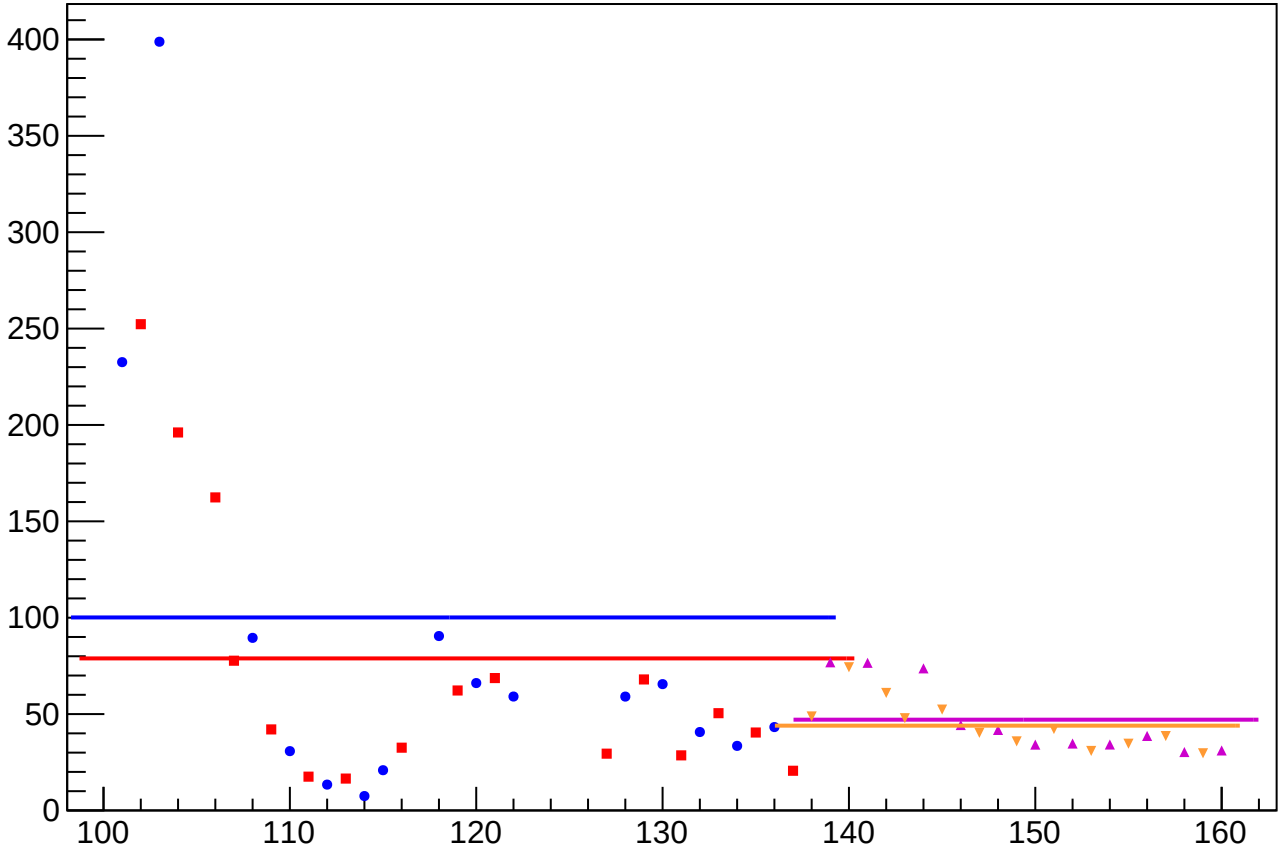
Left In: -3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10

+ sign -2688.506+/-0.000 χ^2/NDF: 1244586997830

All: -2689.595+/-0.000 χ^2/NDF: 2813784024

- sign -2690.665+/-0.000 χ^2/NDF: 1569193348626 8

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

+ sign 67.306+/-0.000 χ^2/NDF: 9154119203552440

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

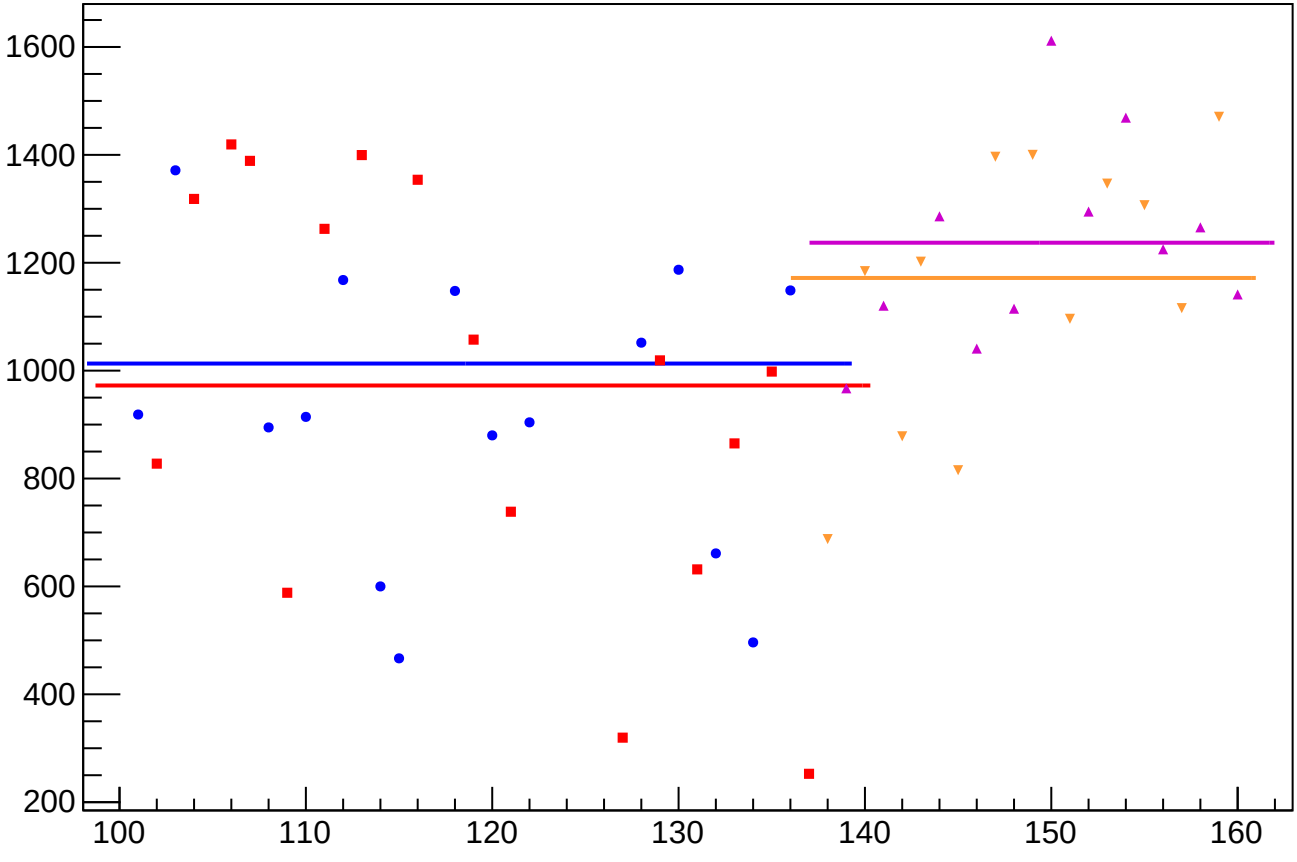
All: 63.832+/-0.000 χ^2/NDF: 1341063315555

Right Out: 78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

- sign 60.419+/-0.000 χ^2/NDF: 4219125097072467

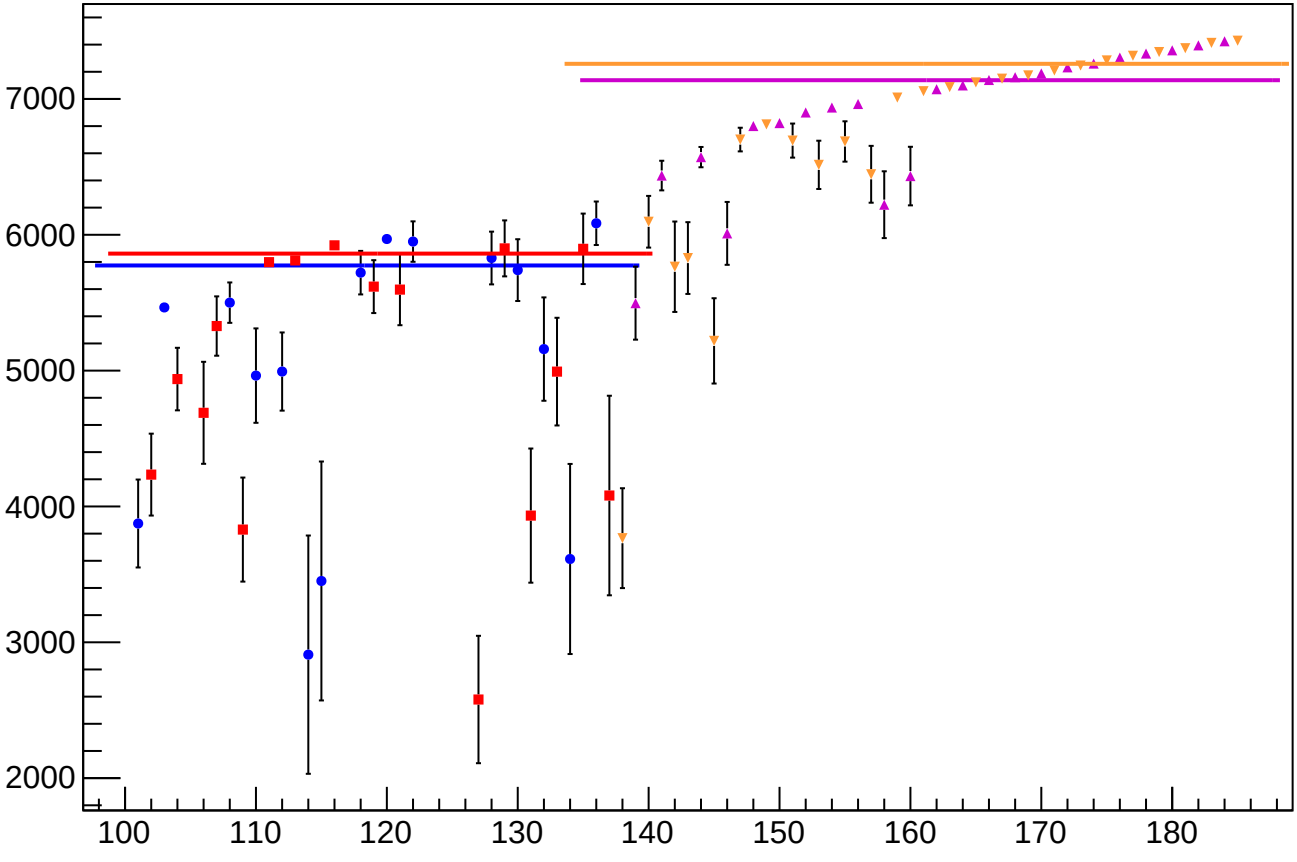
Left In: 47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028 00128.0/10

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_run_mean vs Slug



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

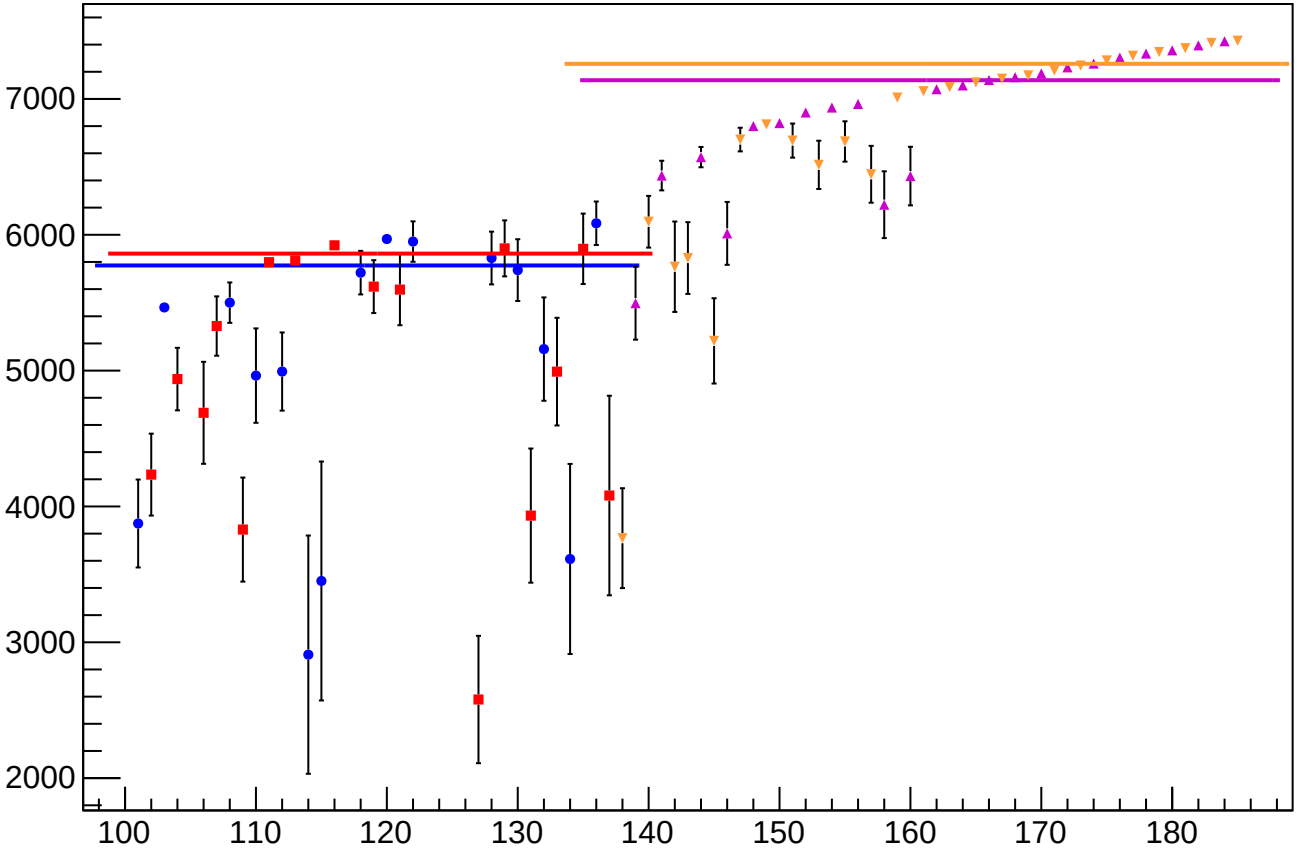
Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

+ sign 6955.870+/-0.082 χ^2/NDF: 59347357.6/39

All: 6833.085+/-0.057 χ^2/NDF: 124412873.1

- sign 6715.075+/-0.080 χ^2/NDF: 60662698.5/38

dit_run_rms vs Slug



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

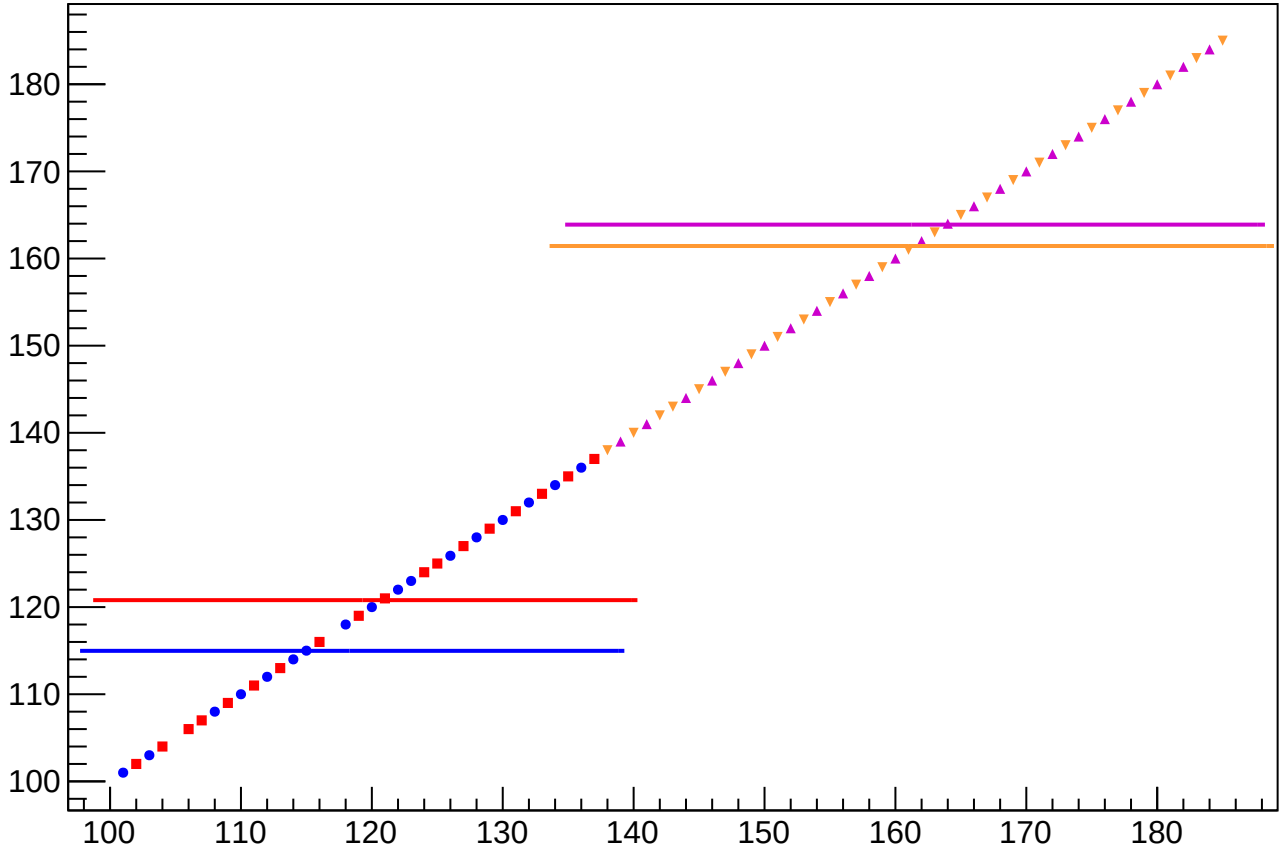
Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

+ sign 6955.870+/-0.082 χ^2/NDF: 59347357.6/39

All: 6833.085+/-0.057 χ^2/NDF: 124412873.1

- sign 6715.075+/-0.080 χ^2/NDF: 60662698.5/38

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 161.437+/-0.000 χ^2/NDF:1443514150867720869199862059499 52.0/24

Right Out: 120.798+/-0.000 χ^2/NDF: 39759758039532944522978032353280.0/17

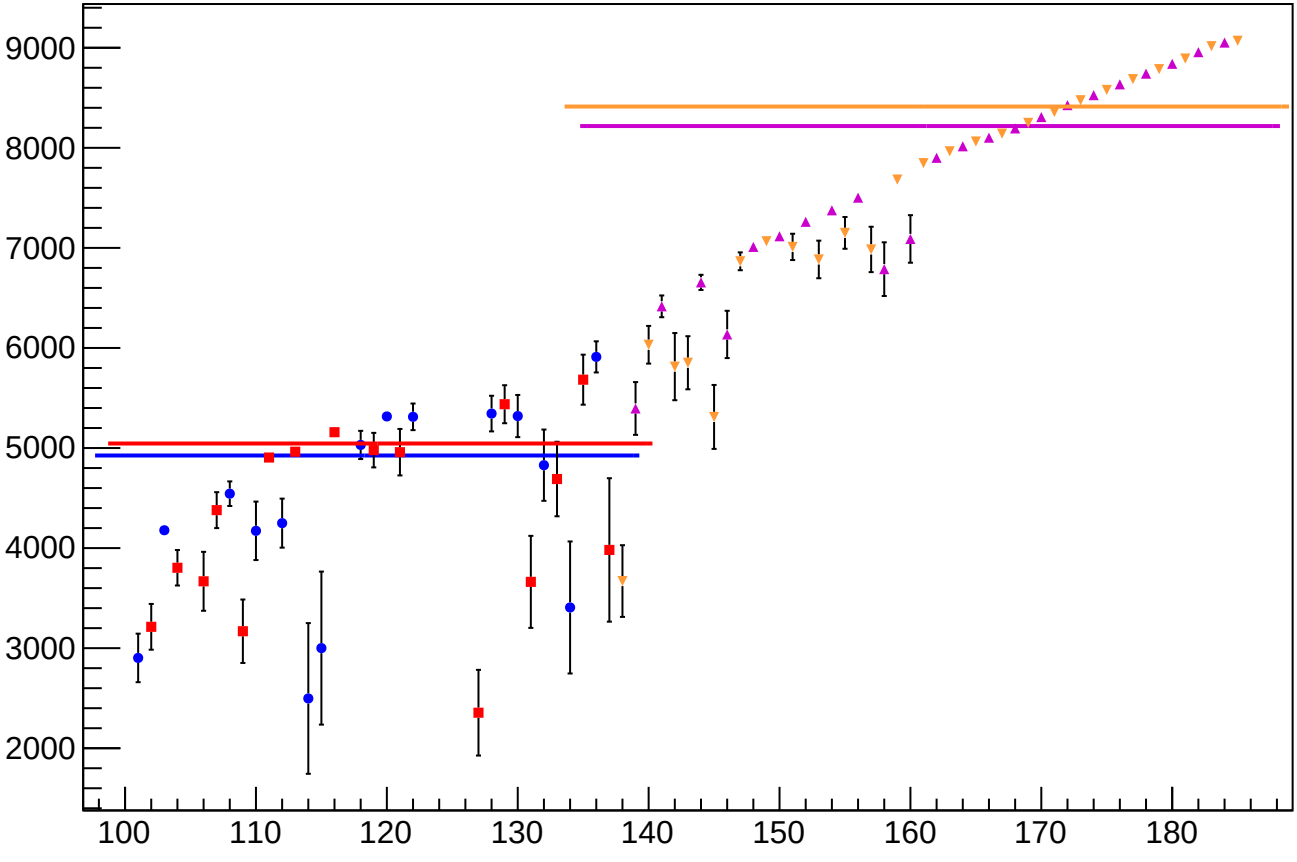
Left In: 163.890+/-0.000 χ^2/NDF:206308926090069183709360387260416.0/22

+ sign 133.483+/-0.000 χ^2/NDF: 15251603056837 1

All: 139.354+/-0.000 χ^2/NDF: 2993014265 27

- sign 145.590+/-0.000 χ^2/NDF: 129353472103461

dit_cyclenum_mean vs Slug



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

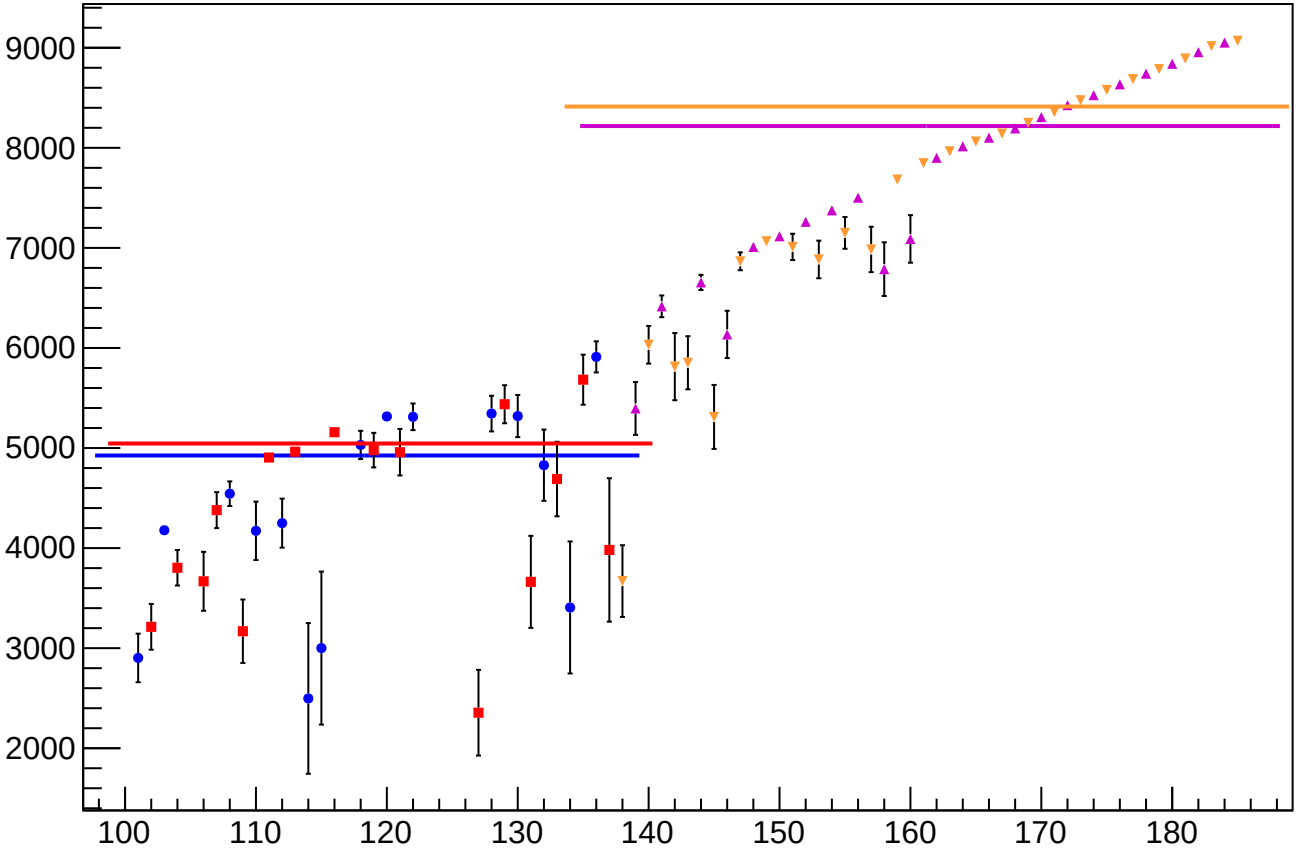
Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

+ sign 7886.489+/-0.365 χ^2/NDF: 14157267.1/39

All: 7641.112+/-0.245 χ^2/NDF: 35014772.5/7

- sign 7439.138+/-0.331 χ^2/NDF: 20031979.1/38

dit_cyclenum_rms vs Slug



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

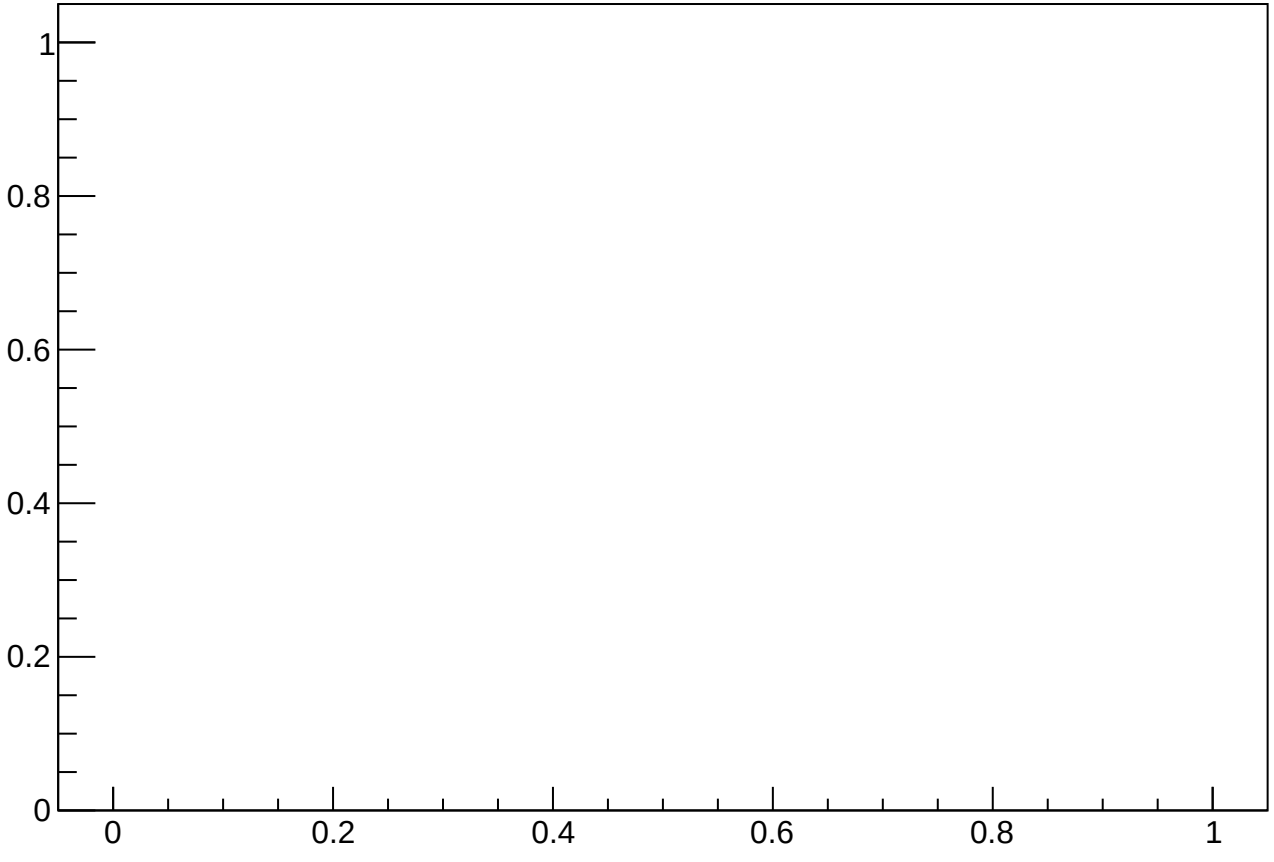
Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

+ sign 7886.489+/-0.365 χ^2/NDF: 14157267.1/39

All: 7641.112+/-0.245 χ^2/NDF: 35014772.5/7

- sign 7439.138+/-0.331 χ^2/NDF: 20031979.1/38

dit_scandata1_mean vs Slug



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

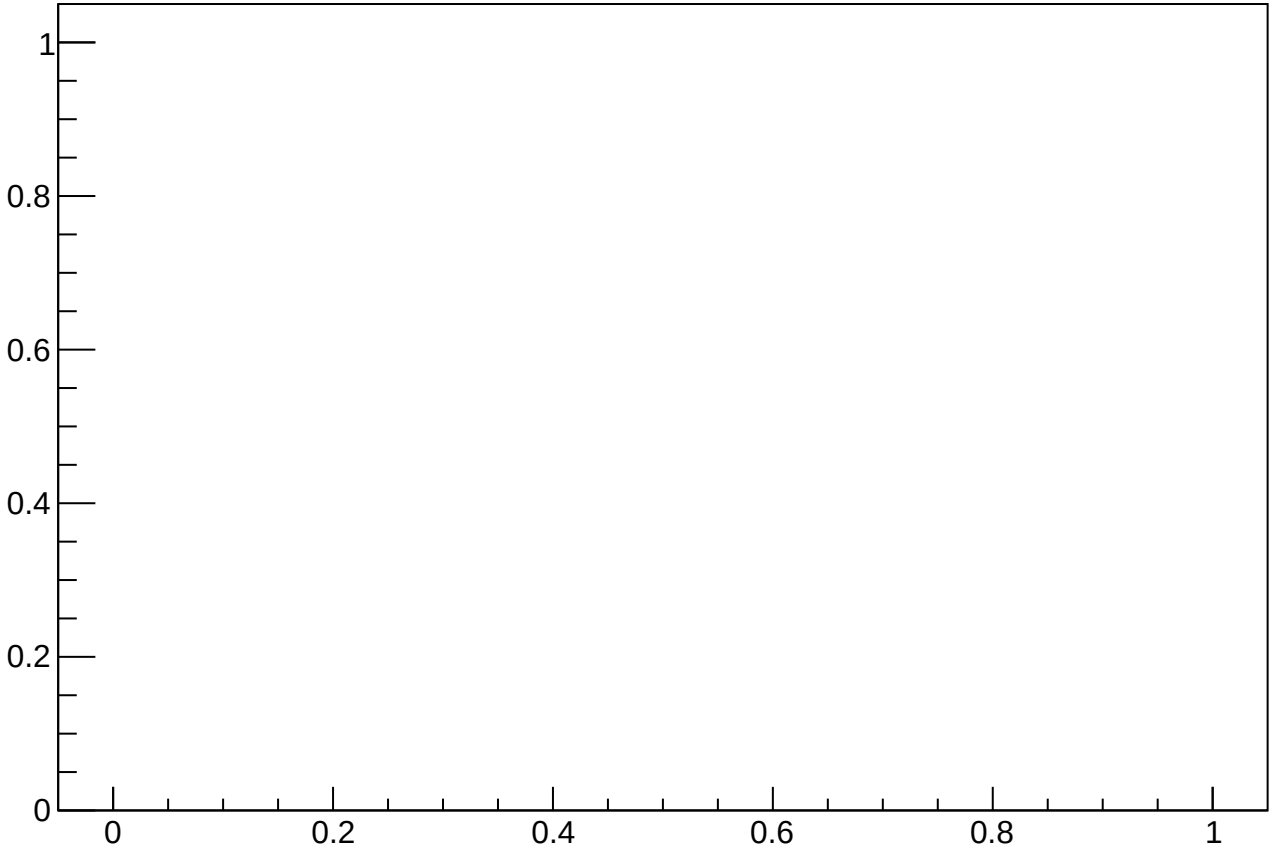
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_rms vs Slug



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

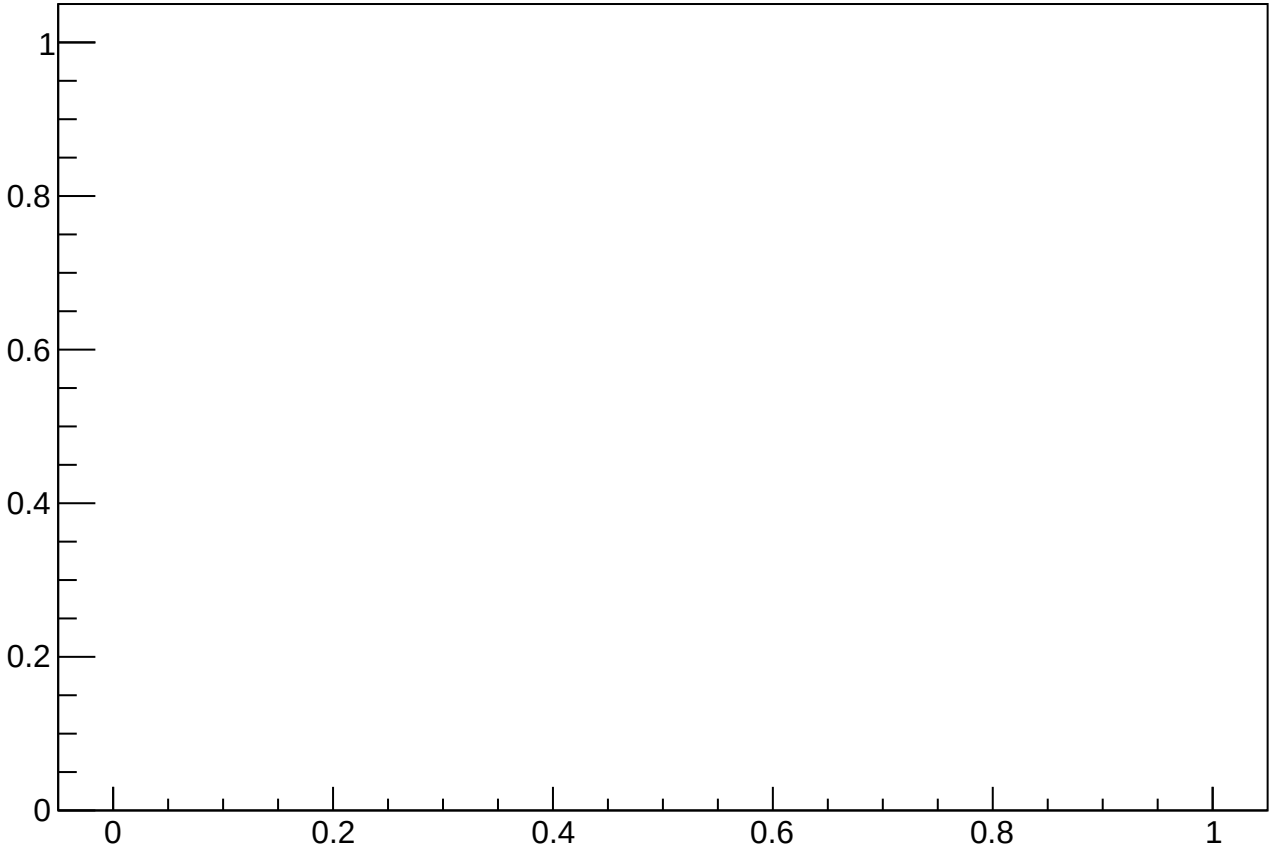
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug



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

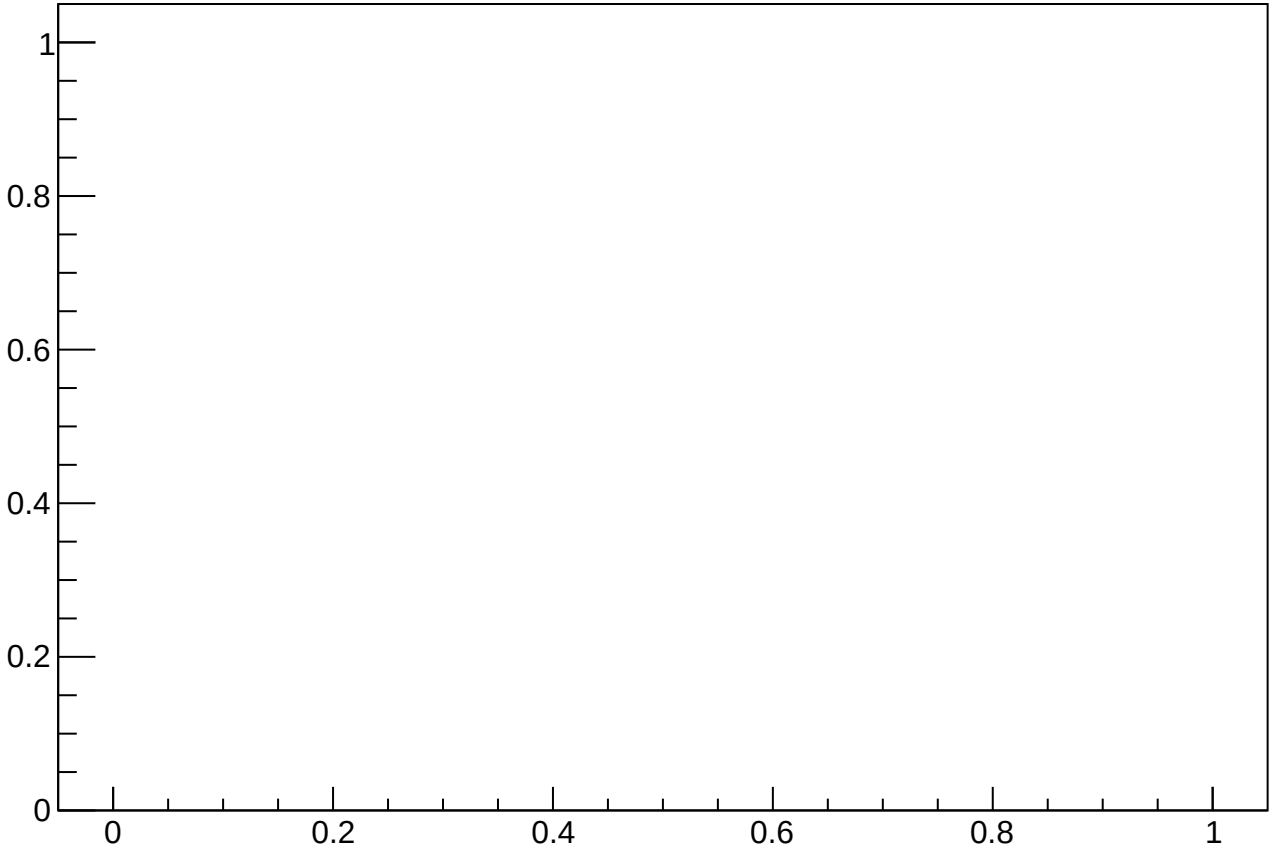
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug



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

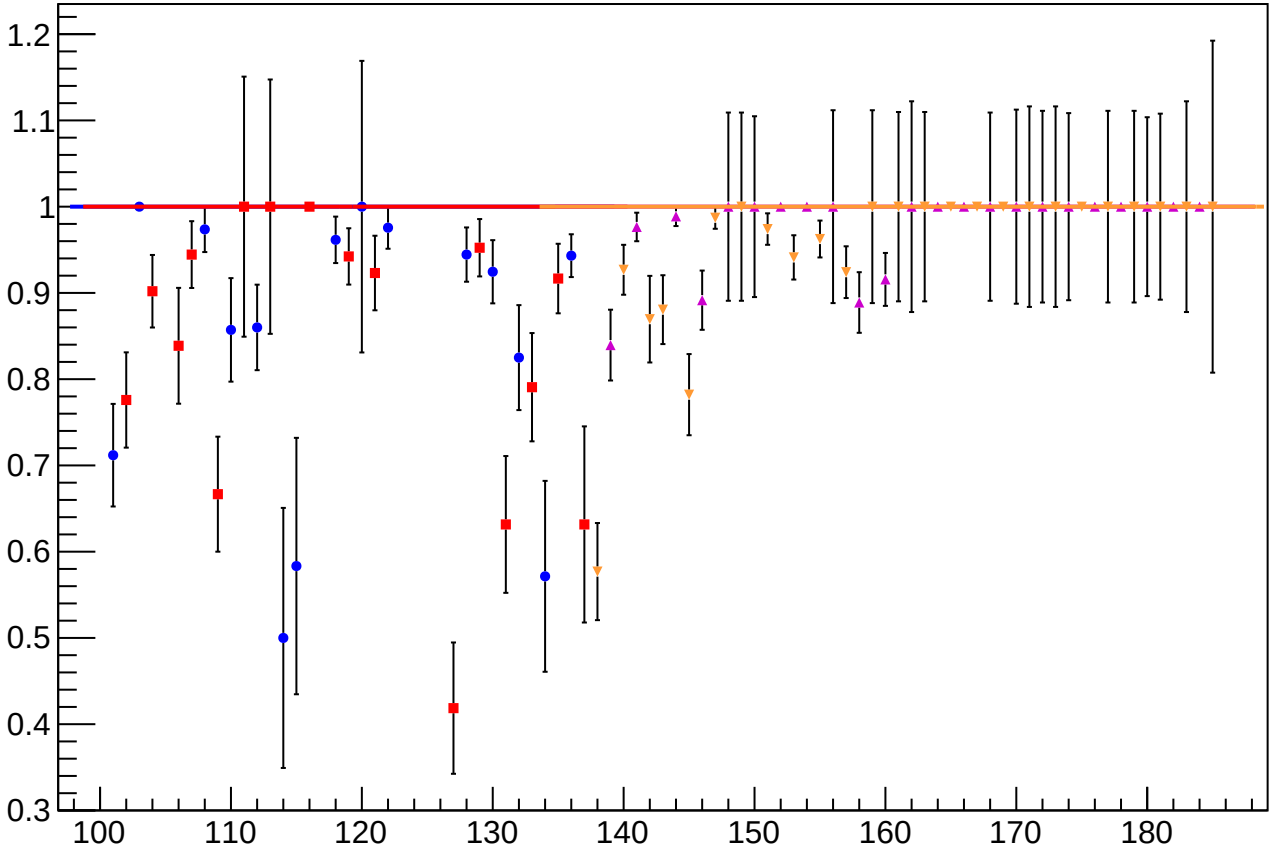
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug



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

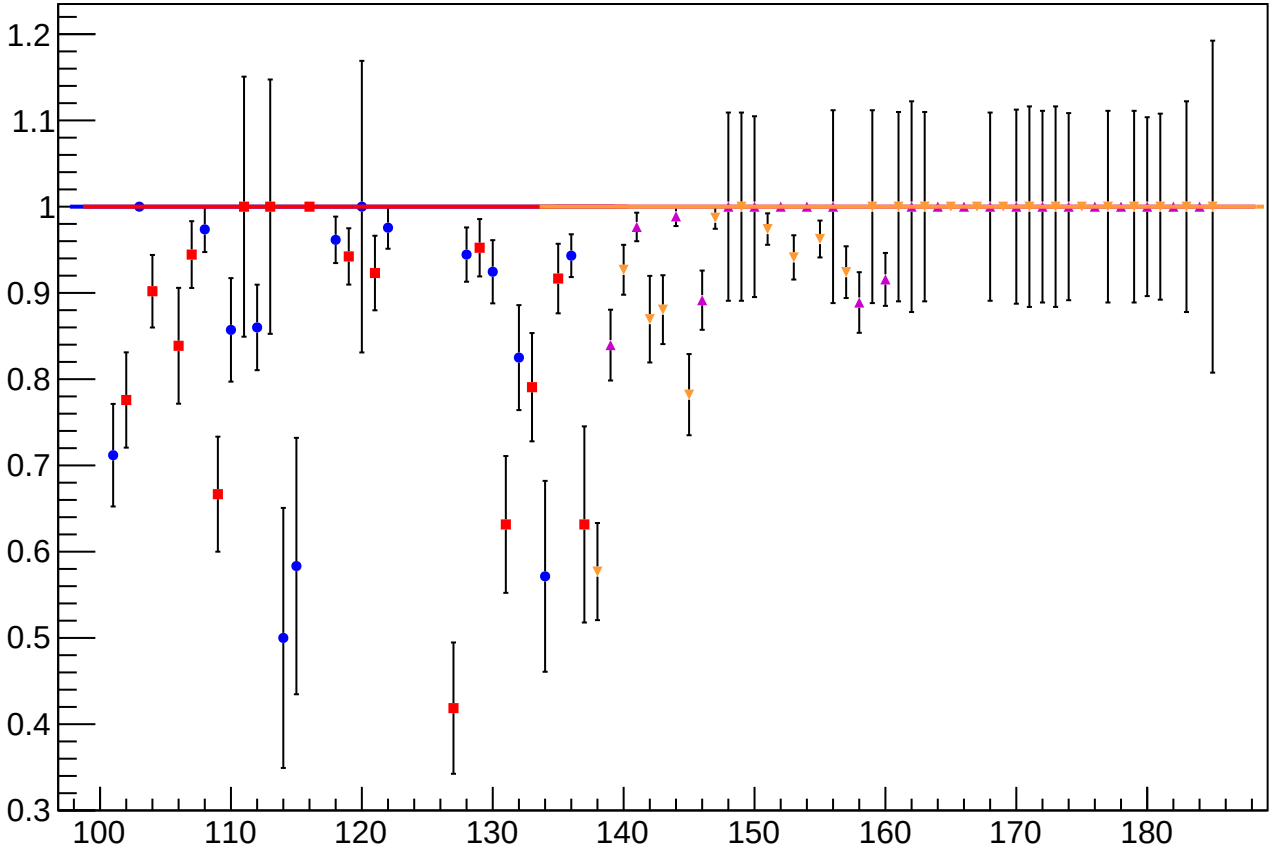
Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

+ sign 1.000+/-0.000 χ^2/NDF: 567.7/39

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

- sign 1.000+/-0.000 χ^2/NDF: 610.7/38

dit_flag_rms vs Slug



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

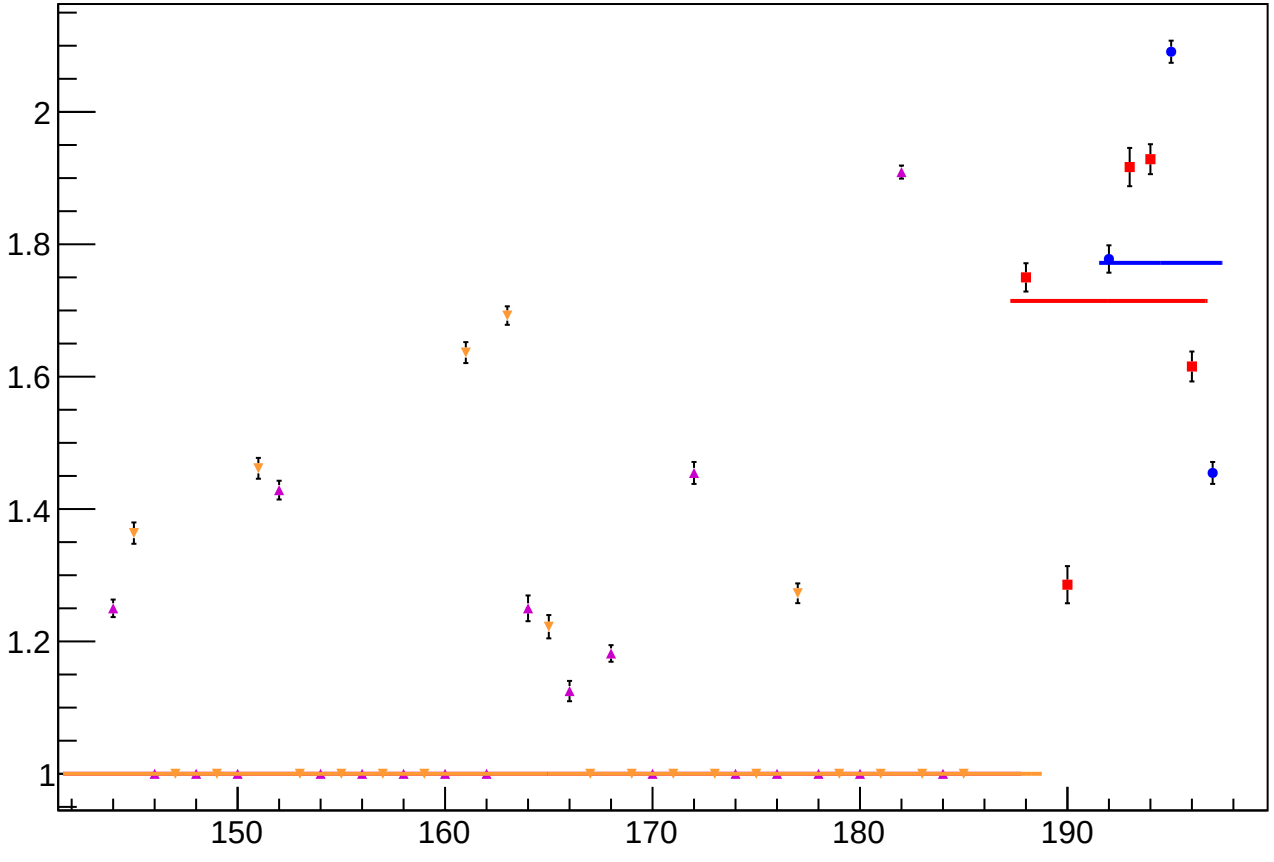
Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

+ sign 1.000+/-0.000 χ^2/NDF: 567.7/39

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

- sign 1.000+/-0.000 χ^2/NDF: 610.7/38

dit_segment_slope vs Slug



Right In: 1.772+/-0.010 χ^2/NDF: 730.5/2

Left Out: 1.000+/-0.000 χ^2/NDF:18616.2/20

Right Out: 1.714+/-0.011 χ^2/NDF: 393.7/4

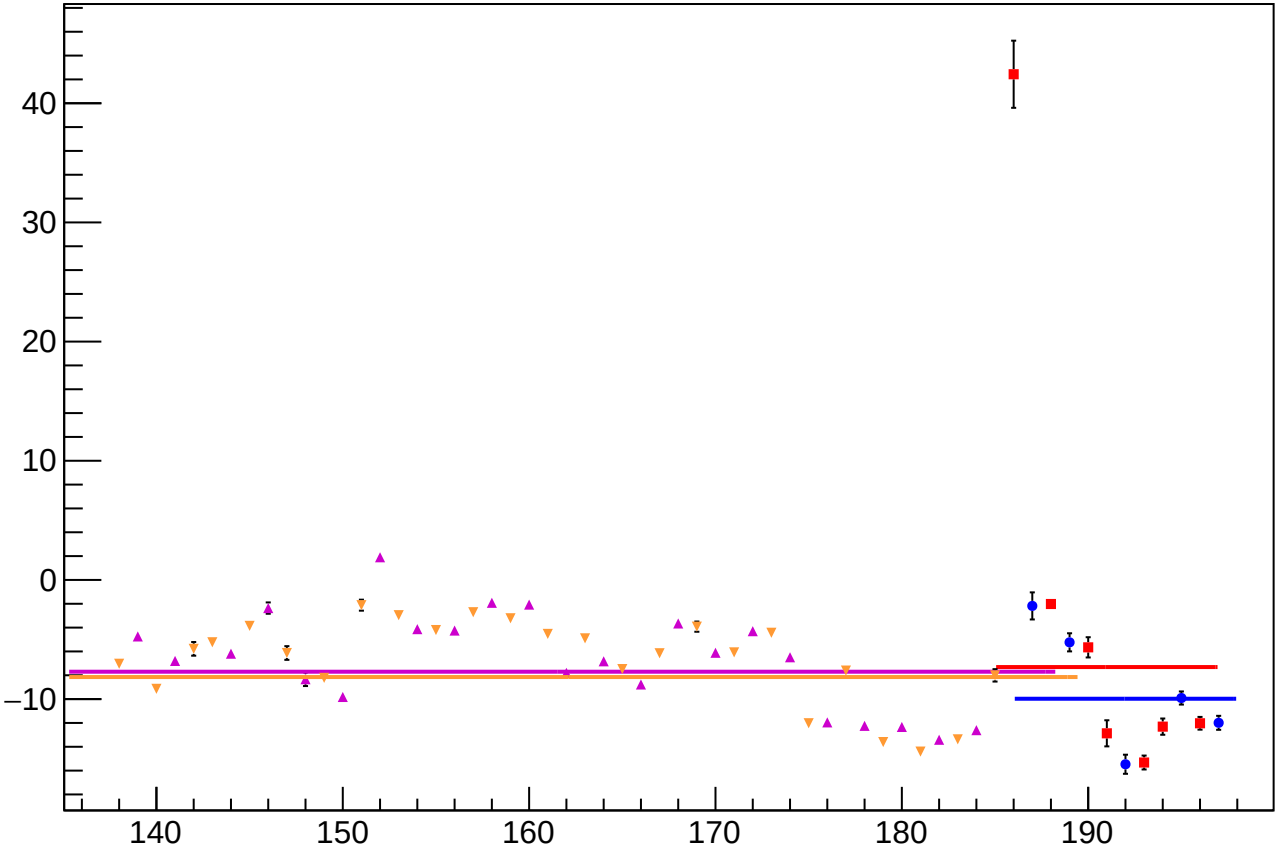
Left In: 1.000+/-0.000 χ^2/NDF:12089.0/20

+ sign 1.000+/-0.000 χ^2/NDF: 25042.4/23

All: 1.000+/-0.000 χ^2/NDF: 30304.4/49

- sign 1.000+/-0.000 χ^2/NDF: 16853.5/25

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -9.970+/-0.312 χ^2/NDF: 144.7/4

Left Out: -8.149+/-0.068 χ^2/NDF:3613.1/24

Right Out: -7.311+/-0.225 χ^2/NDF: 909.2/6

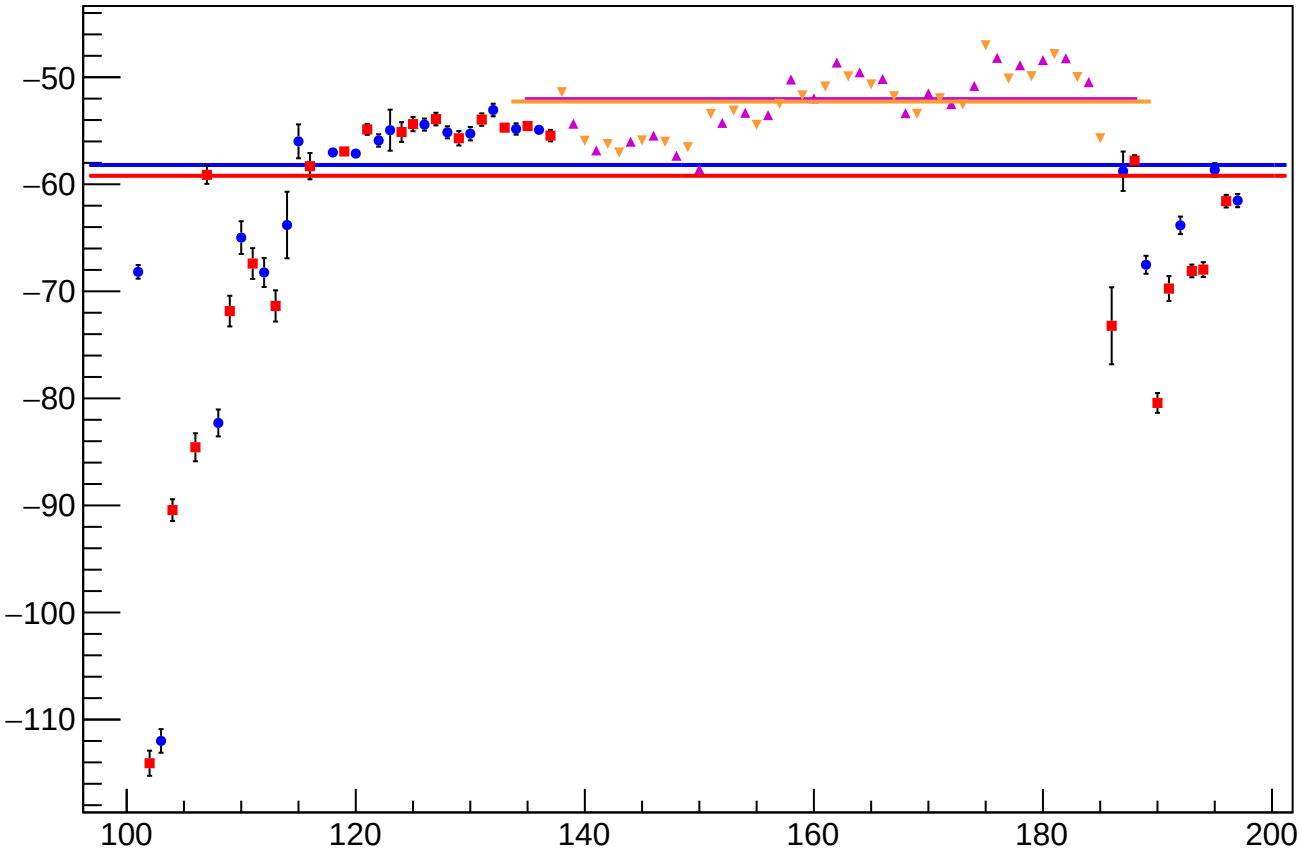
Left In: -7.701+/-0.068 χ^2/NDF:3737.2/22

+ sign -8.230+/-0.066 χ^2/NDF: 3790.2/29

All: -7.947+/-0.046 χ^2/NDF: 8476.0/59

- sign -7.668+/-0.065 χ^2/NDF: 4649.2/29

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -58.198+/-0.131 χ^2/NDF: 3676.8/21

Left Out: -52.271+/-0.055 χ^2/NDF:2609.6/24

Right Out: -59.209+/-0.127 χ^2/NDF: 5493.4/24

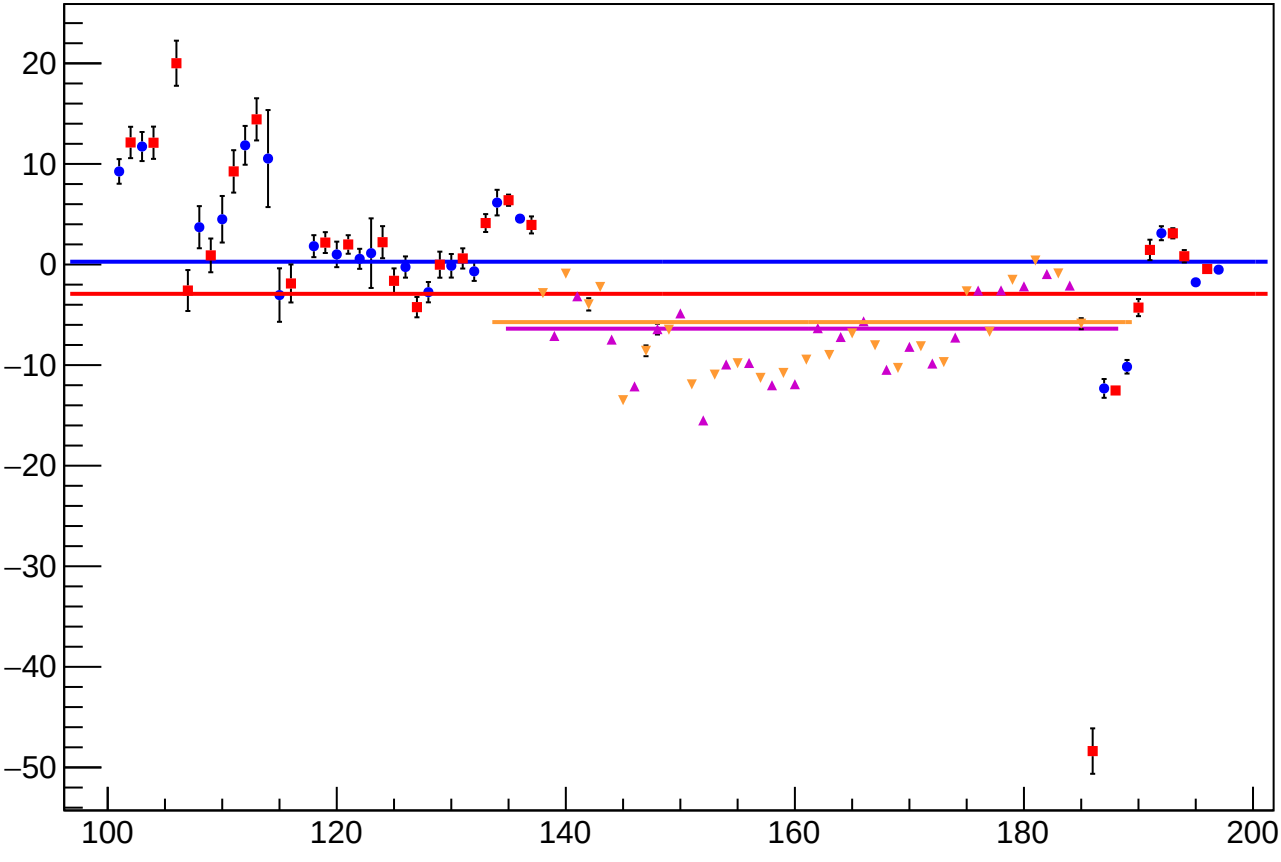
Left In: -52.050+/-0.057 χ^2/NDF:3197.5/22

+ sign -53.165+/-0.051 χ^2/NDF: 8024.5/46

All: -53.210+/-0.036 χ^2/NDF: 19379.4/94

- sign -53.258+/-0.052 χ^2/NDF: 11353.3/47

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 0.278+/-0.186 χ^2/NDF: 768.7/21

Left Out: -5.725+/-0.068 χ^2/NDF:3989.1/24

Right Out: -2.914+/-0.155 χ^2/NDF: 2759.3/24

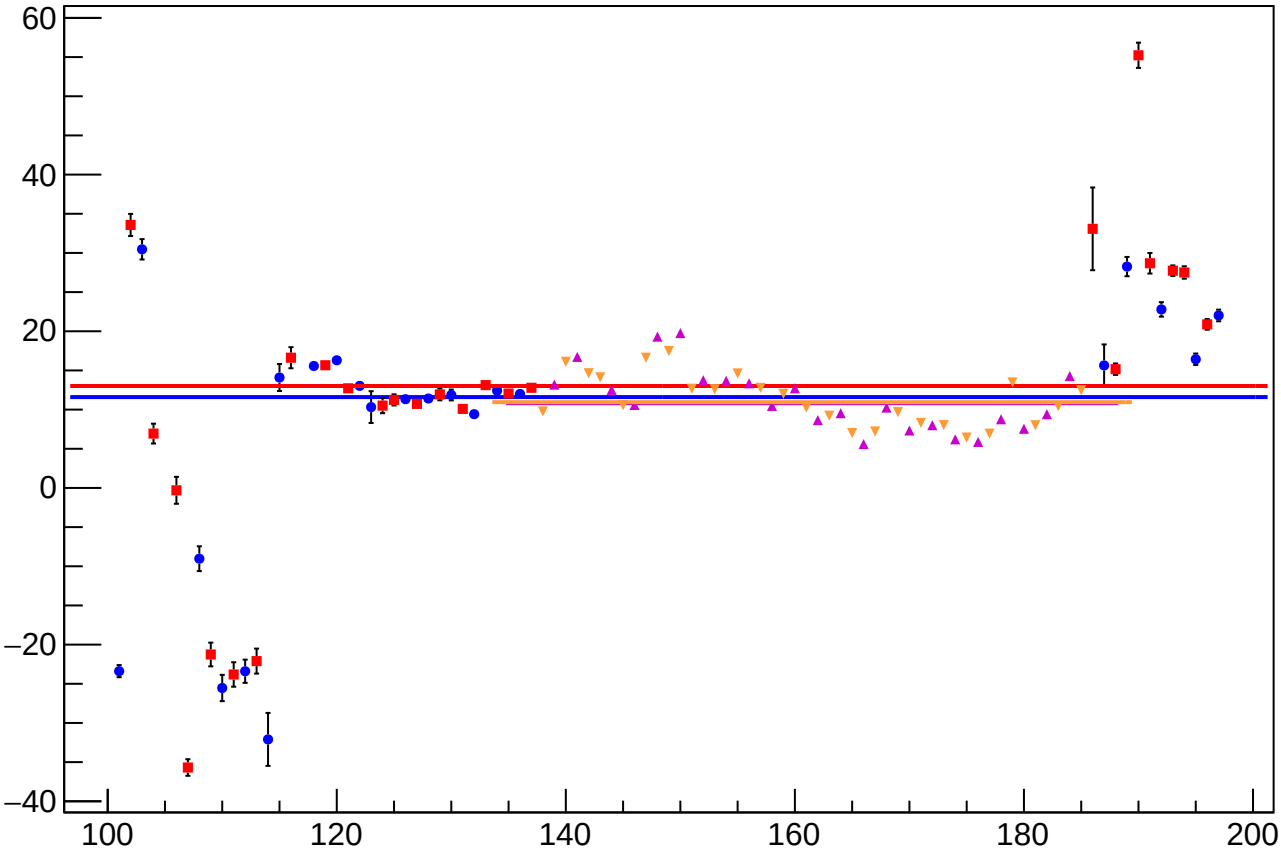
Left In: -6.379+/-0.068 χ^2/NDF:3395.7/22

+ sign -5.020+/-0.064 χ^2/NDF: 5680.3/46

All: -5.426+/-0.045 χ^2/NDF: 12331.7/94

- sign -5.819+/-0.063 χ^2/NDF: 6571.2/47

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 11.598+/-0.147 χ^2/NDF: 4352.6/21

Left Out: 10.950+/-0.062 χ^2/NDF:2620.4/24

Right Out: 13.015+/-0.145 χ^2/NDF: 5856.2/24

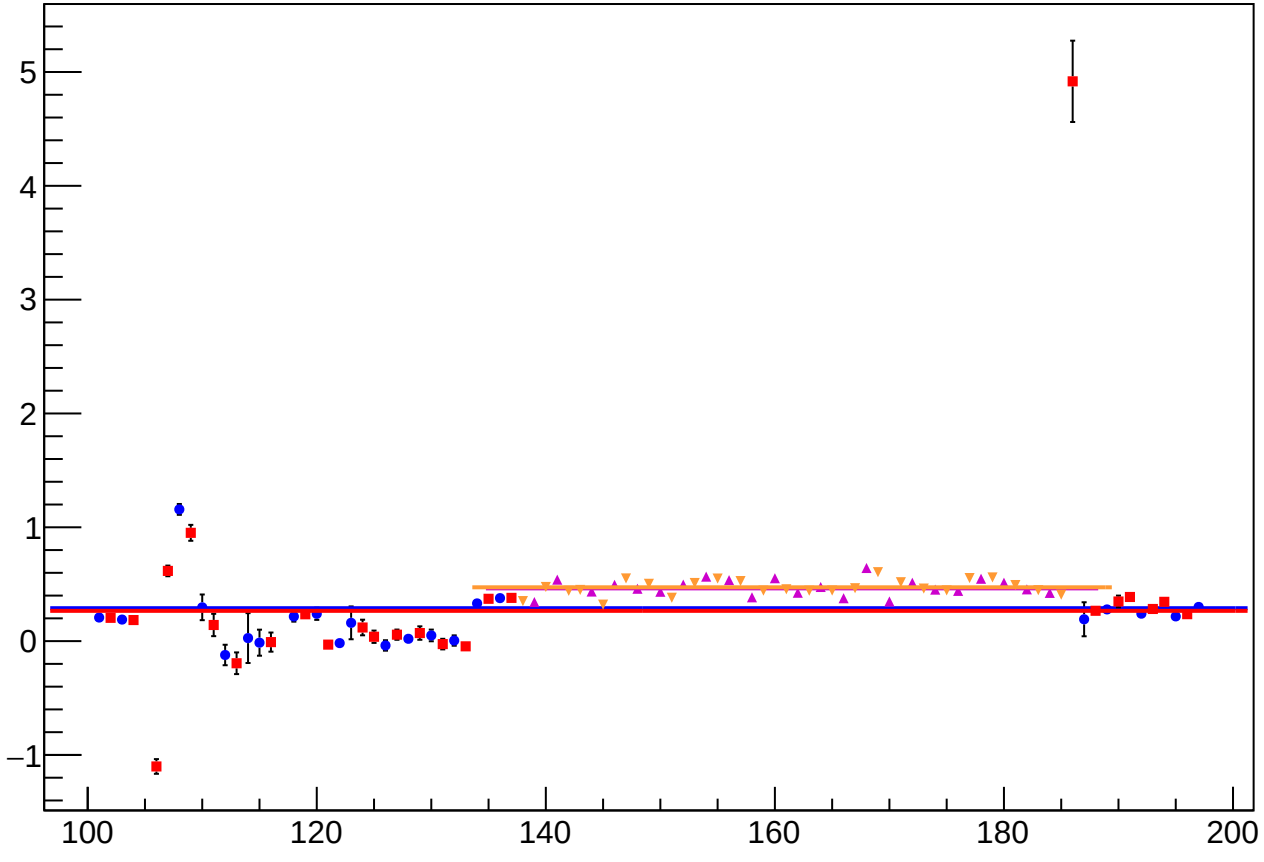
Left In: 10.818+/-0.063 χ^2/NDF:3577.7/22

+ sign 11.047+/-0.057 χ^2/NDF: 6989.6/46

All: 11.107+/-0.040 χ^2/NDF: 16619.8/94

- sign 11.168+/-0.058 χ^2/NDF: 9627.9/47

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.289+/-0.007 χ^2/NDF: 663.8/21

Left Out: 0.473+/-0.003 χ^2/NDF:515.0/24

Right Out: 0.266+/-0.007 χ^2/NDF: 1156.0/24

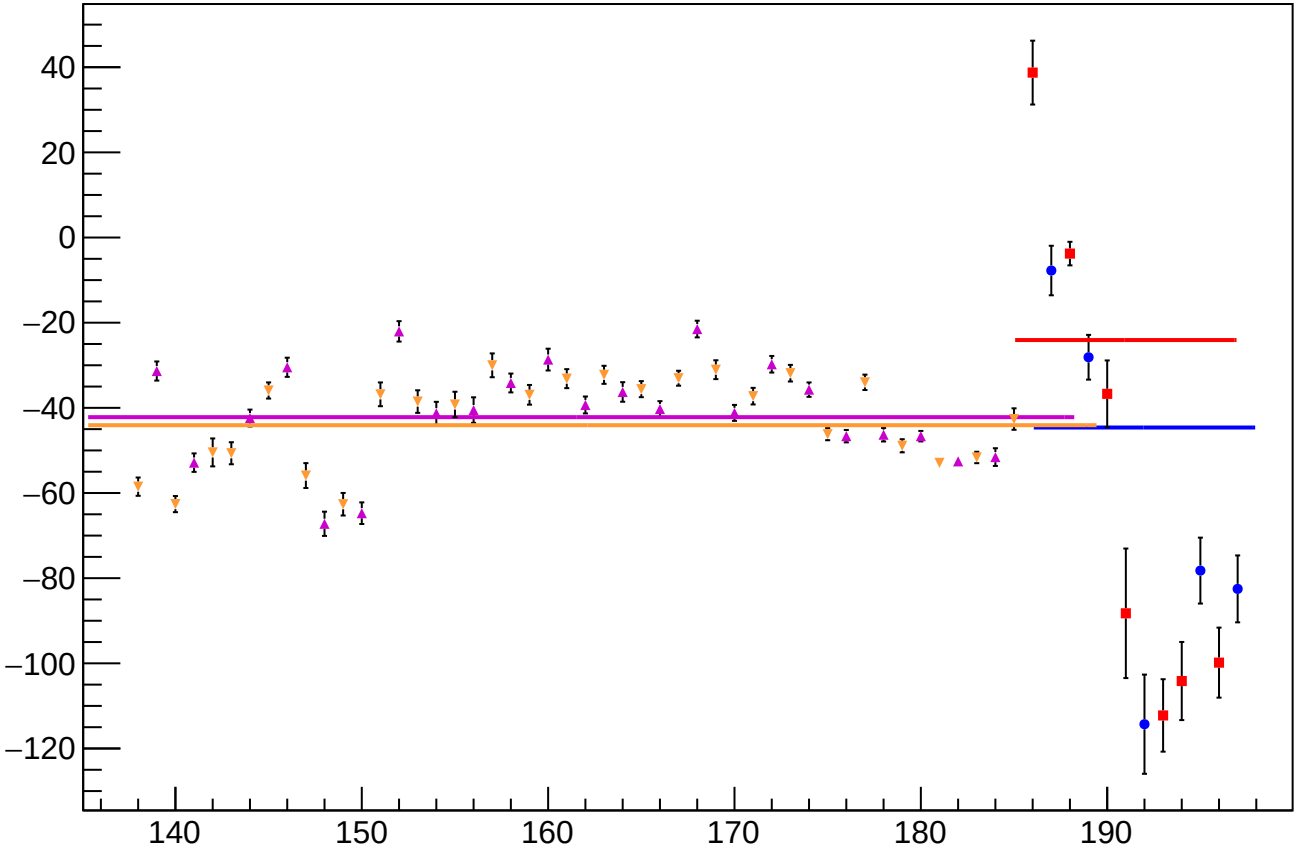
Left In: 0.463+/-0.003 χ^2/NDF:749.9/22

+ sign 0.448+/-0.003 χ^2/NDF: 1776.8/46

All: 0.441+/-0.002 χ^2/NDF: 4436.6/94

- sign 0.435+/-0.003 χ^2/NDF: 2646.6/47

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -44.618+/-3.071 χ^2/NDF: 127.9/4

Left Out: -44.074+/-0.389 χ^2/NDF:632.8/24

Right Out: -24.079+/-2.184 χ^2/NDF: 412.9/6

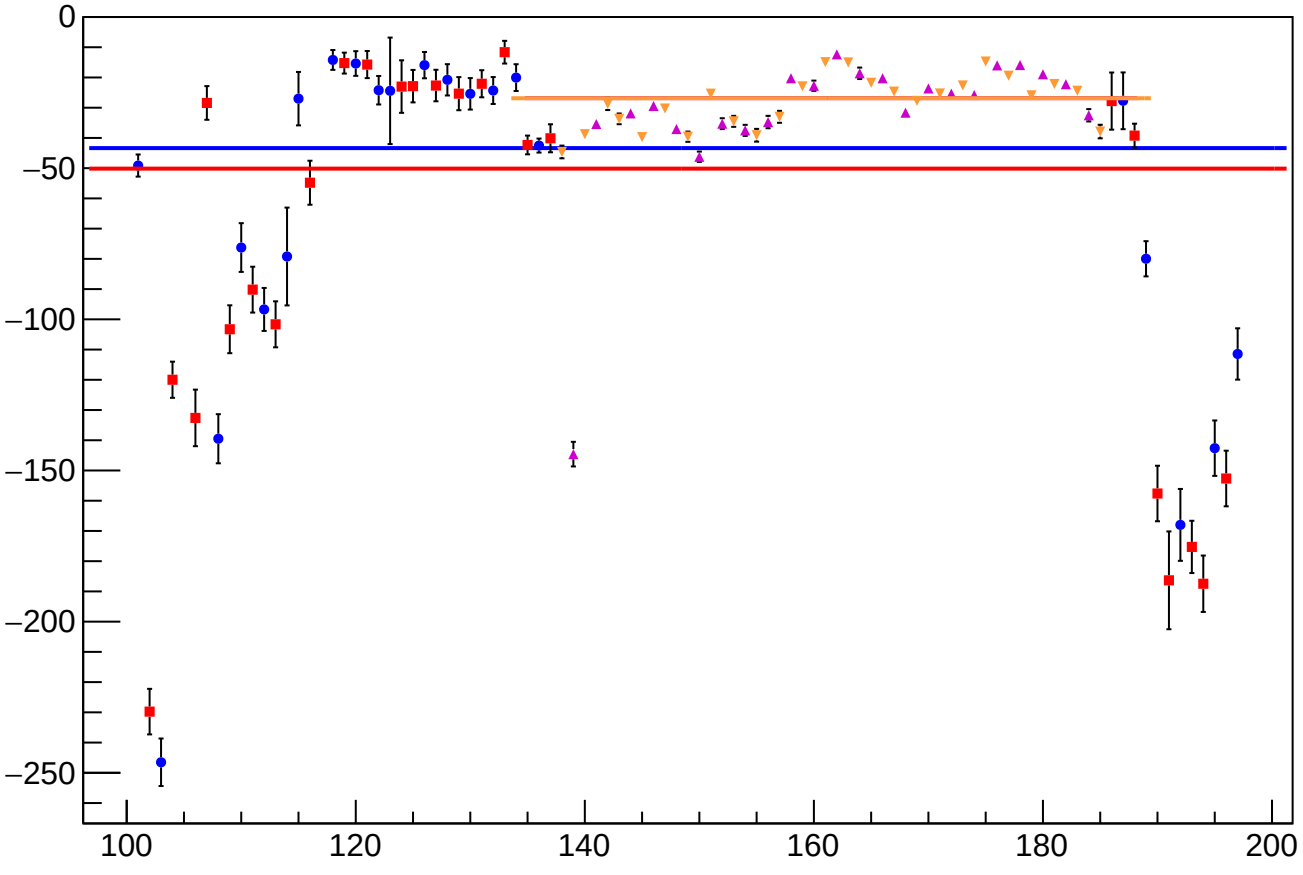
Left In: -42.185+/-0.398 χ^2/NDF:651.0/22

+ sign -44.083+/-0.386 χ^2/NDF: 760.8/29

All: -42.859+/-0.275 χ^2/NDF: 1911.6/59

- sign -41.605+/-0.391 χ^2/NDF: 1130.5/29

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -43.362+/-1.086 χ^2/NDF: 1486.1/21

Left Out: -26.867+/-0.317 χ^2/NDF:629.1/24

Right Out: -50.149+/-1.112 χ^2/NDF: 2088.1/24

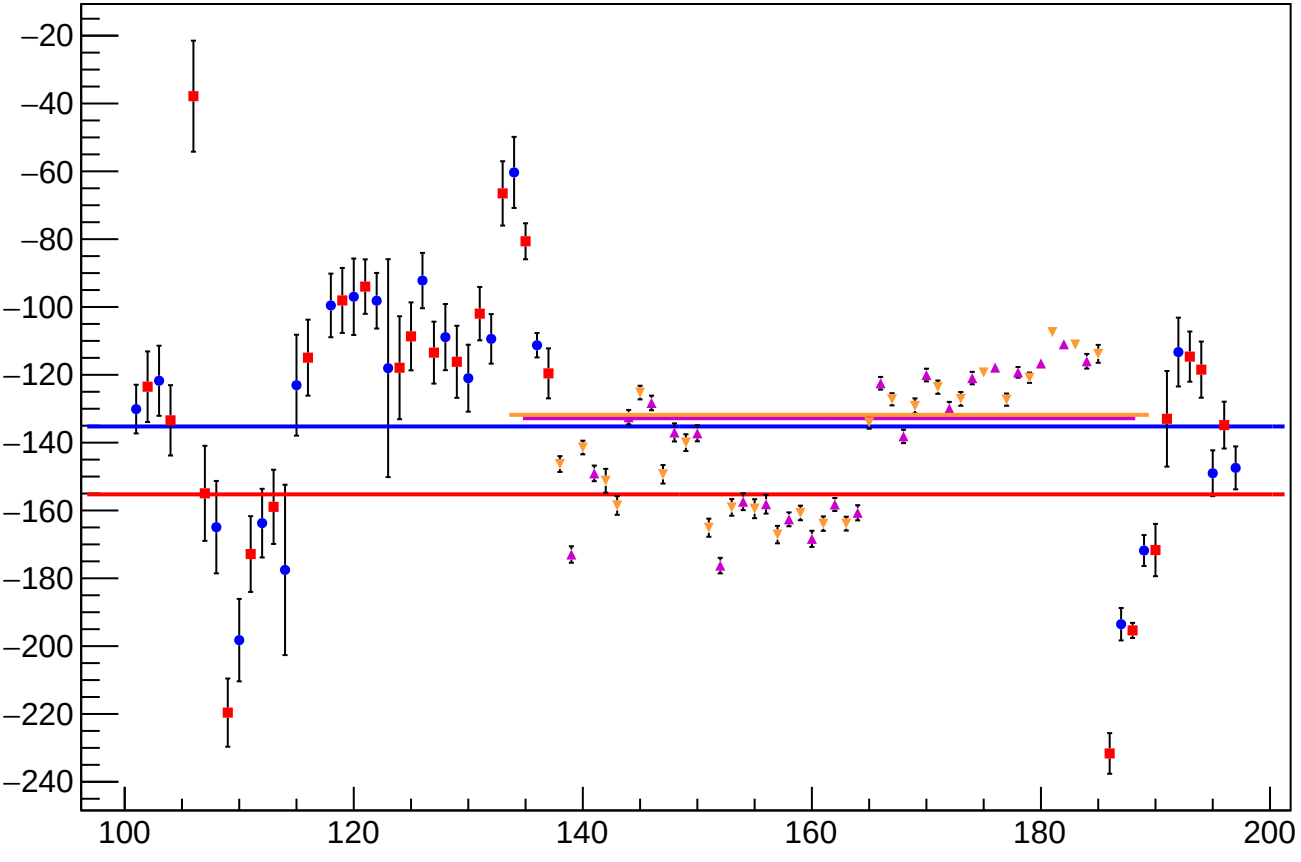
Left In: -26.825+/-0.325 χ^2/NDF:1481.6/22

+ sign -28.161+/-0.304 χ^2/NDF: 2327.7/46

All: -28.407+/-0.218 χ^2/NDF: 6304.1/94

- sign -28.666+/-0.312 χ^2/NDF: 3975.1/47

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -135.224+/-1.619 χ^2/NDF: 463.0/21

Left Out: -131.805+/-0.392 χ^2/NDF:2417.0/24

Right Out: -155.247+/-1.401 χ^2/NDF: 1184.5/24

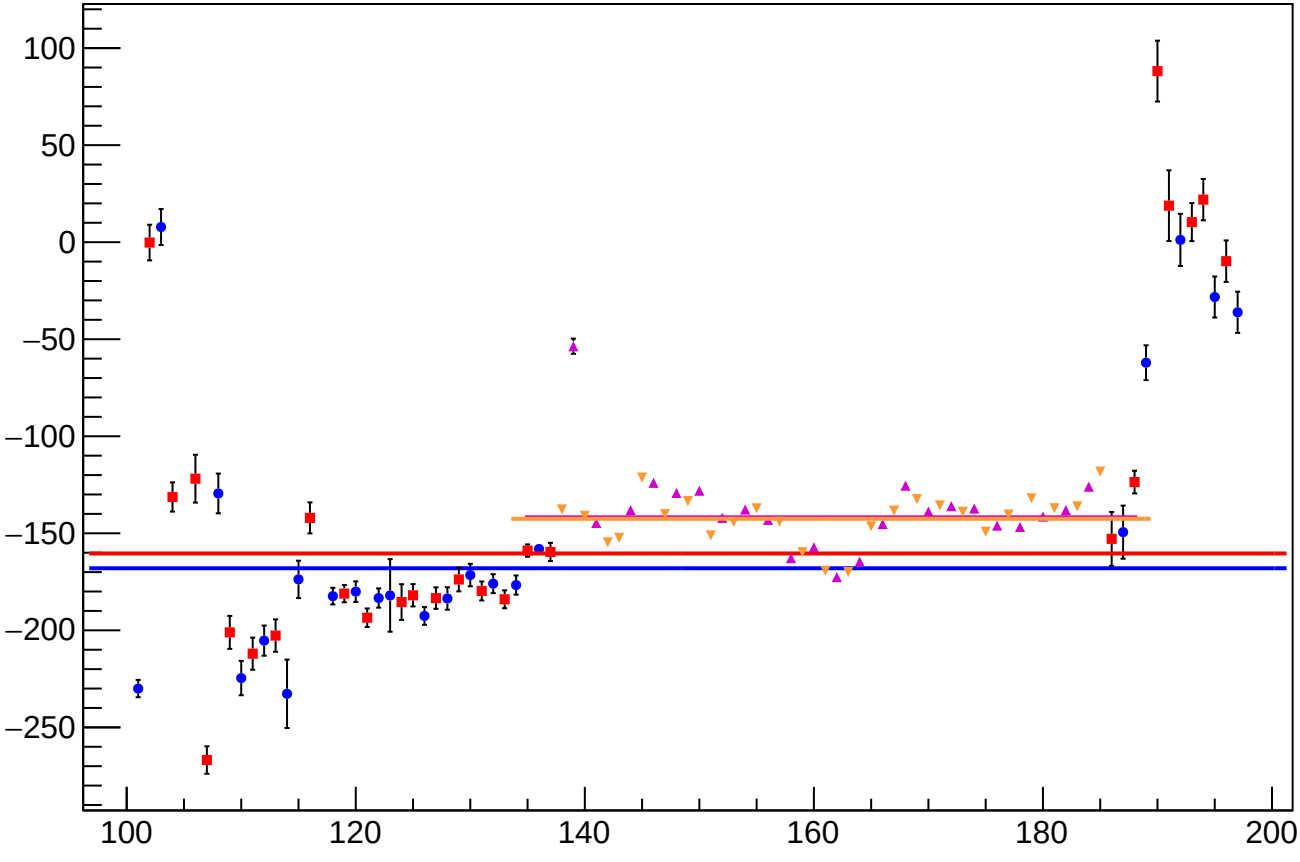
Left In: -132.799+/-0.398 χ^2/NDF:2515.9/22

+ sign -131.994+/-0.381 χ^2/NDF: 2884.2/46

All: -133.228+/-0.270 χ^2/NDF: 6843.1/94

- sign -134.474+/-0.383 χ^2/NDF: 3937.8/47

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -168.021+/-1.228 χ^2/NDF: 1359.0/21

Left Out: -142.517+/-0.355 χ^2/NDF:1144.2/24

Right Out: -160.400+/-1.278 χ^2/NDF: 1987.4/24

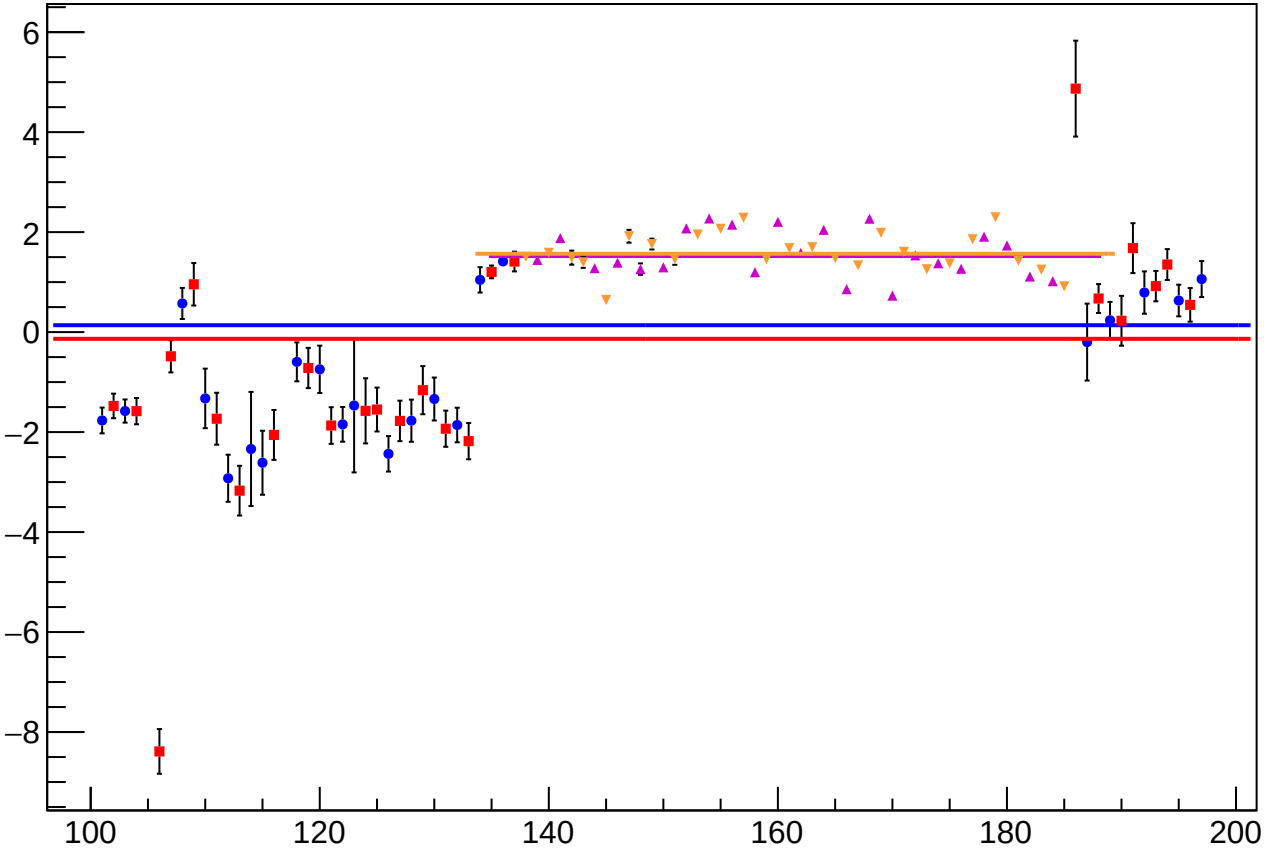
Left In: -141.769+/-0.363 χ^2/NDF:1604.4/22

+ sign -144.483+/-0.341 χ^2/NDF: 2901.5/46

All: -143.836+/-0.244 χ^2/NDF: 6697.5/94

- sign -143.158+/-0.349 χ^2/NDF: 3788.6/47

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.138+/-0.063 χ^2/NDF: 538.9/21

Left Out: 1.568+/-0.016 χ^2/NDF:541.0/24

Right Out: -0.134+/-0.063 χ^2/NDF: 846.2/24

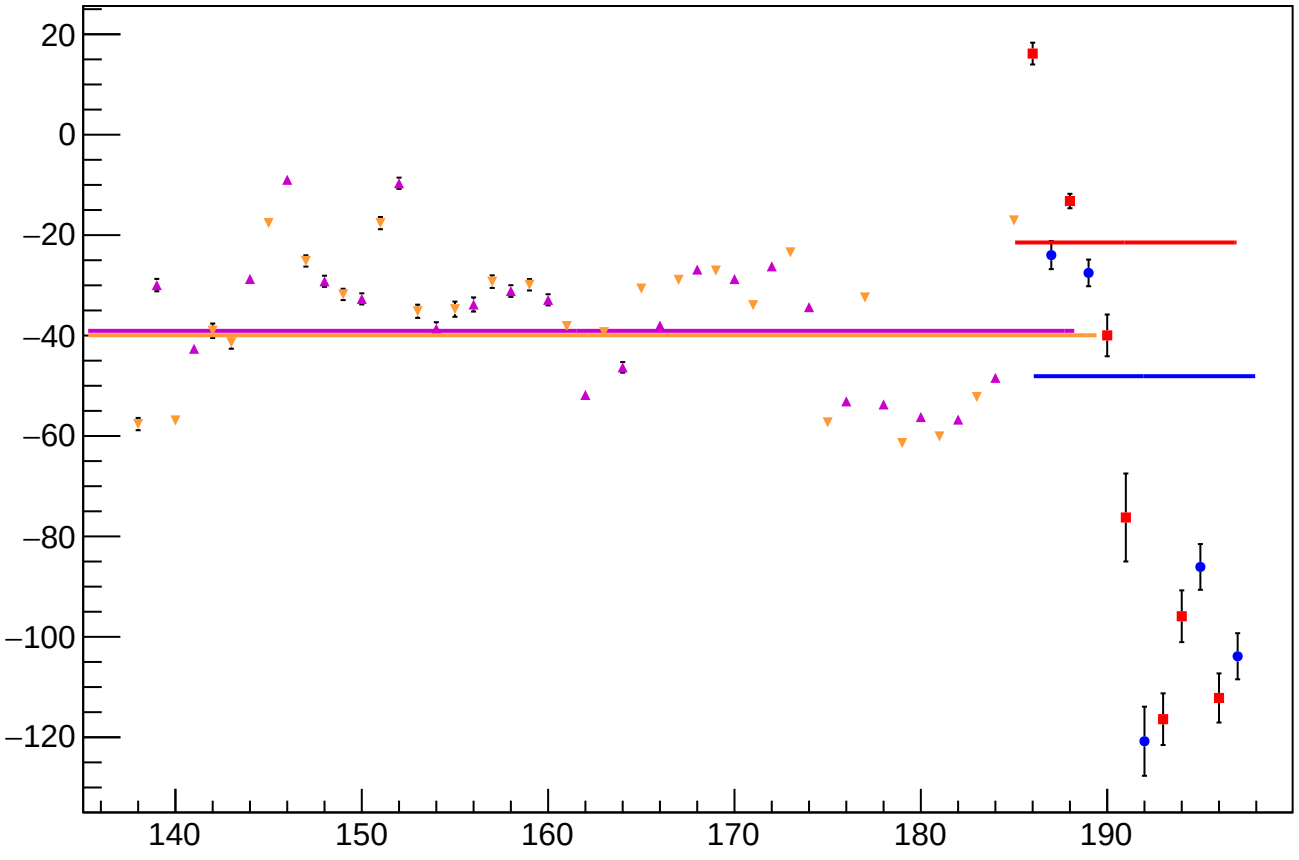
Left In: 1.522+/-0.016 χ^2/NDF:739.1/22

+ sign 1.478+/-0.016 χ^2/NDF: 1569.2/46

All: 1.448+/-0.011 χ^2/NDF: 3799.7/94

- sign 1.418+/-0.016 χ^2/NDF: 2223.3/47

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -48.091+/-1.608 χ^2/NDF: 463.2/4

Left Out: -39.942+/-0.153 χ^2/NDF:9806.2/24

Right Out: -21.467+/-1.065 χ^2/NDF: 1284.0/6

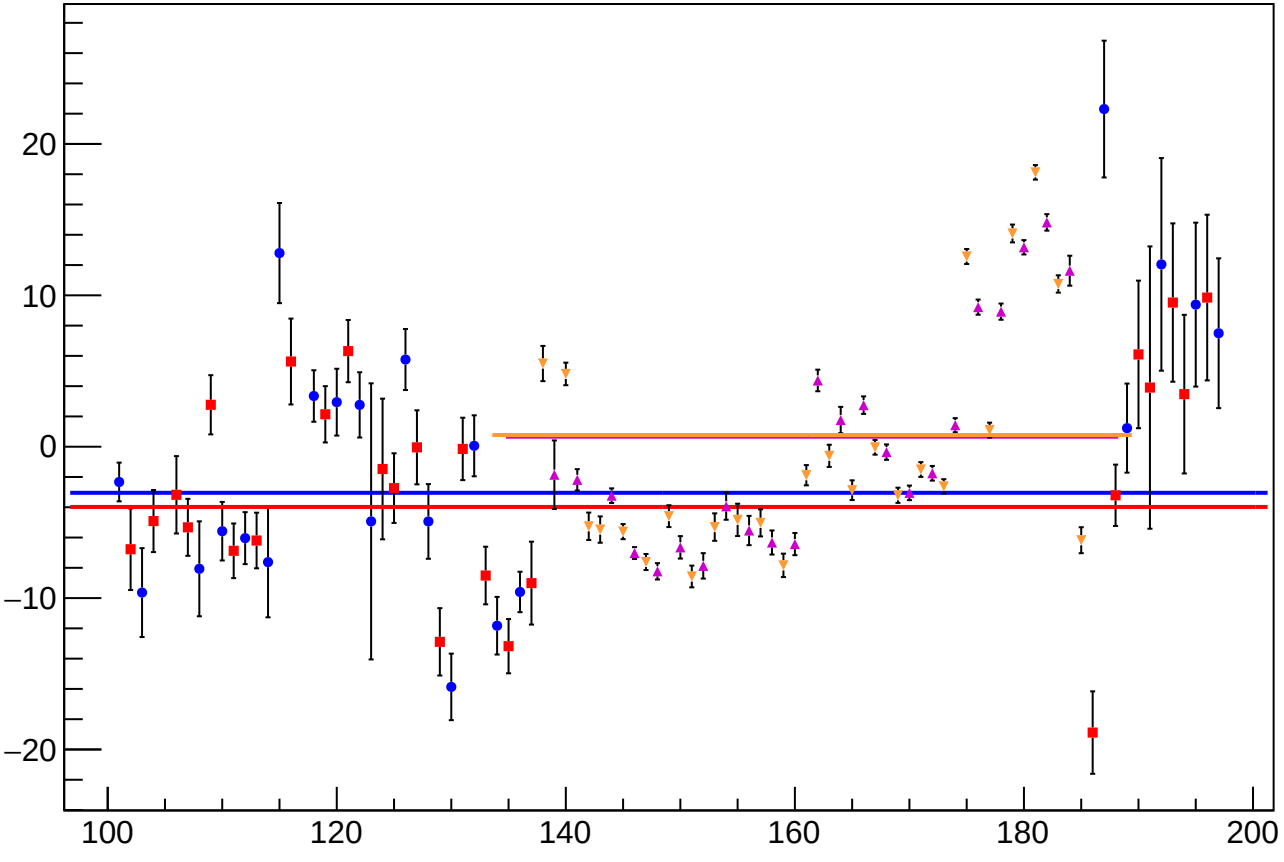
Left In: -39.060+/-0.154 χ^2/NDF:8577.0/22

+ sign -40.015+/-0.153 χ^2/NDF: 10294.8/29

All: -39.356+/-0.108 χ^2/NDF: 20460.5/59

- sign -38.700+/-0.152 χ^2/NDF: 10128.5/29

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.044+/-0.480 χ^2/NDF: 215.4/21

Left Out: 0.770+/-0.124 χ^2/NDF:3952.9/24

Right Out: -3.978+/-0.475 χ^2/NDF: 173.4/24

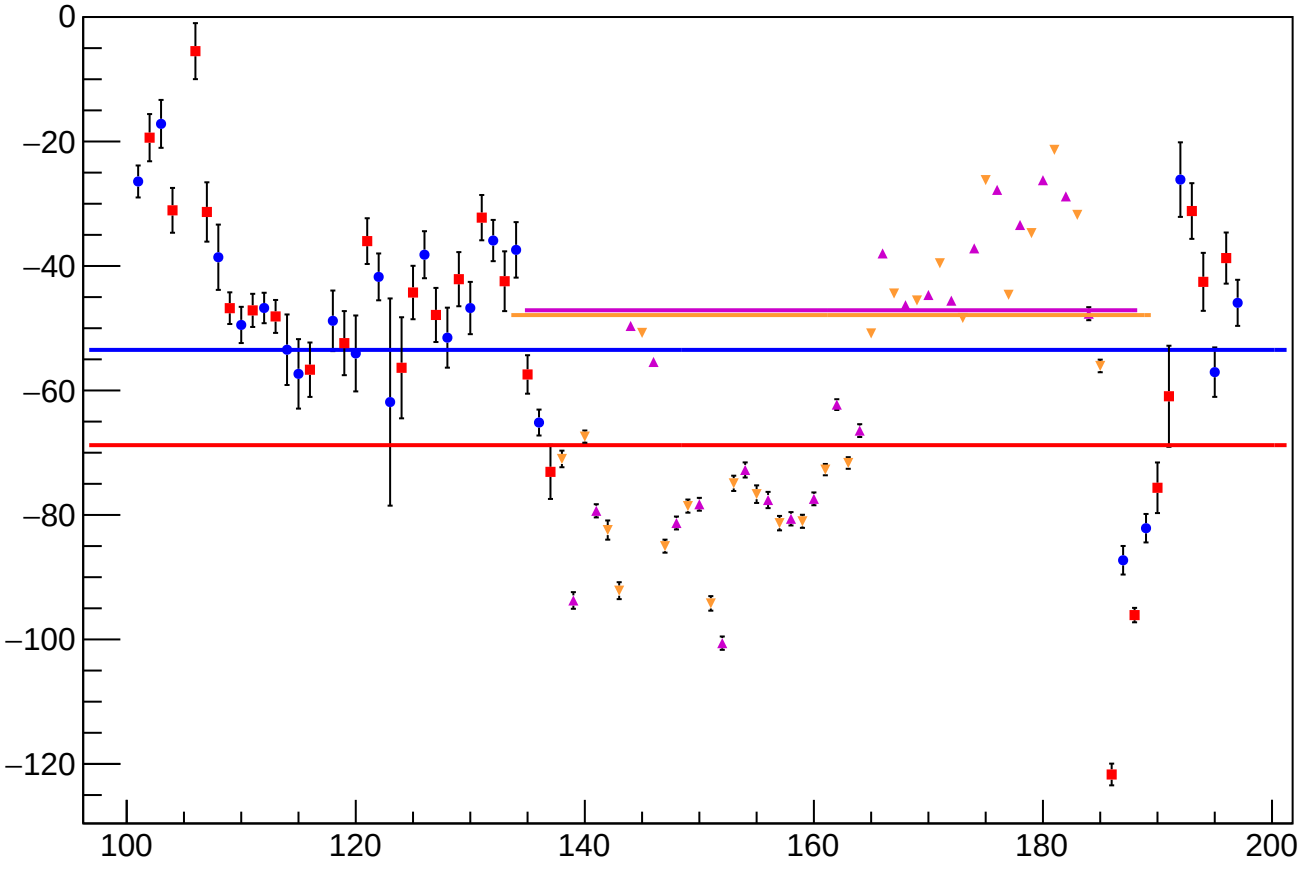
Left In: 0.662+/-0.124 χ^2/NDF:3340.9/22

+ sign 0.530+/-0.120 χ^2/NDF: 4227.5/46

All: 0.448+/-0.085 χ^2/NDF: 7832.0/94

- sign 0.367+/-0.120 χ^2/NDF: 3603.6/47

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -53.481+/-0.738 χ^2/NDF: 719.8/21

Left Out: -47.888+/-0.155 χ^2/NDF:16707.2/24

Right Out: -68.787+/-0.621 χ^2/NDF: 2713.4/24

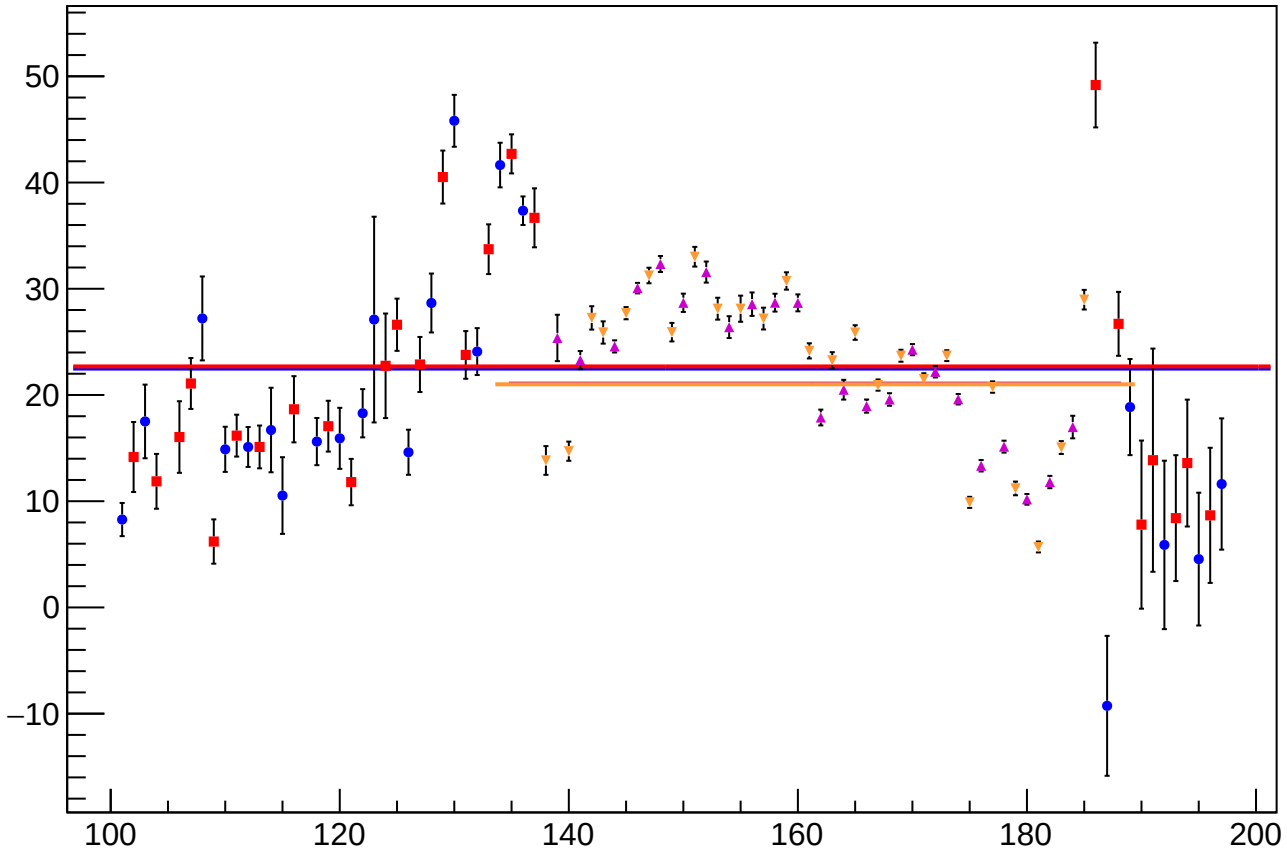
Left In: -47.112+/-0.155 χ^2/NDF:15654.8/22

+ sign -48.124+/-0.151 χ^2/NDF: 17482.0/46

All: -48.254+/-0.107 χ^2/NDF: 37000.3/94

- sign -48.381+/-0.150 χ^2/NDF: 19516.8/47

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 22.487+/-0.544 χ^2/NDF: 501.9/21

Left Out: 21.005+/-0.139 χ^2/NDF:2789.5/24

Right Out: 22.688+/-0.548 χ^2/NDF: 431.3/24

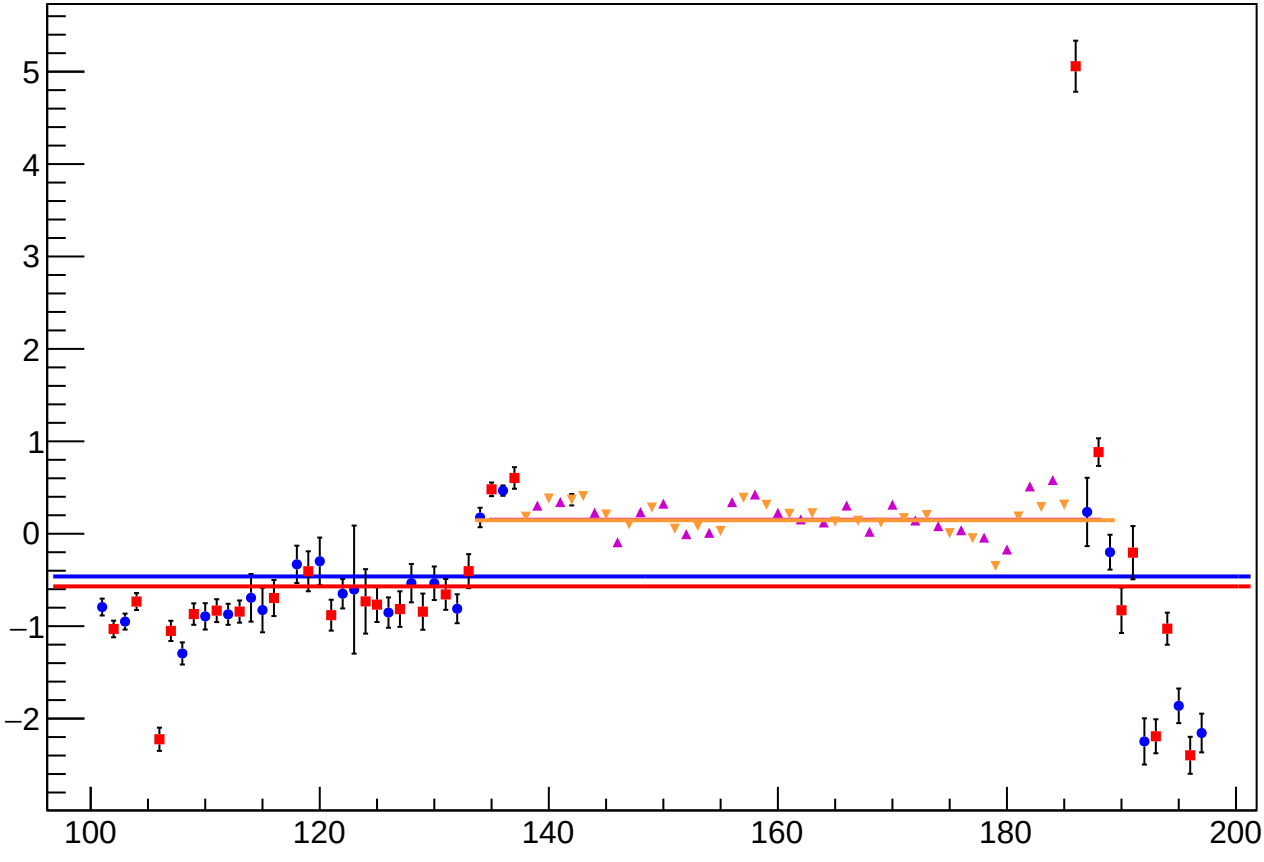
Left In: 21.069+/-0.139 χ^2/NDF:2176.7/22

+ sign 21.096+/-0.135 χ^2/NDF: 3298.4/46

All: 21.131+/-0.095 χ^2/NDF: 5914.7/94

- sign 21.167+/-0.135 χ^2/NDF: 2616.2/47

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.462+/-0.029 χ^2/NDF: 622.9/21

Left Out: 0.146+/-0.006 χ^2/NDF:609.8/24

Right Out: -0.570+/-0.028 χ^2/NDF: 1232.3/24

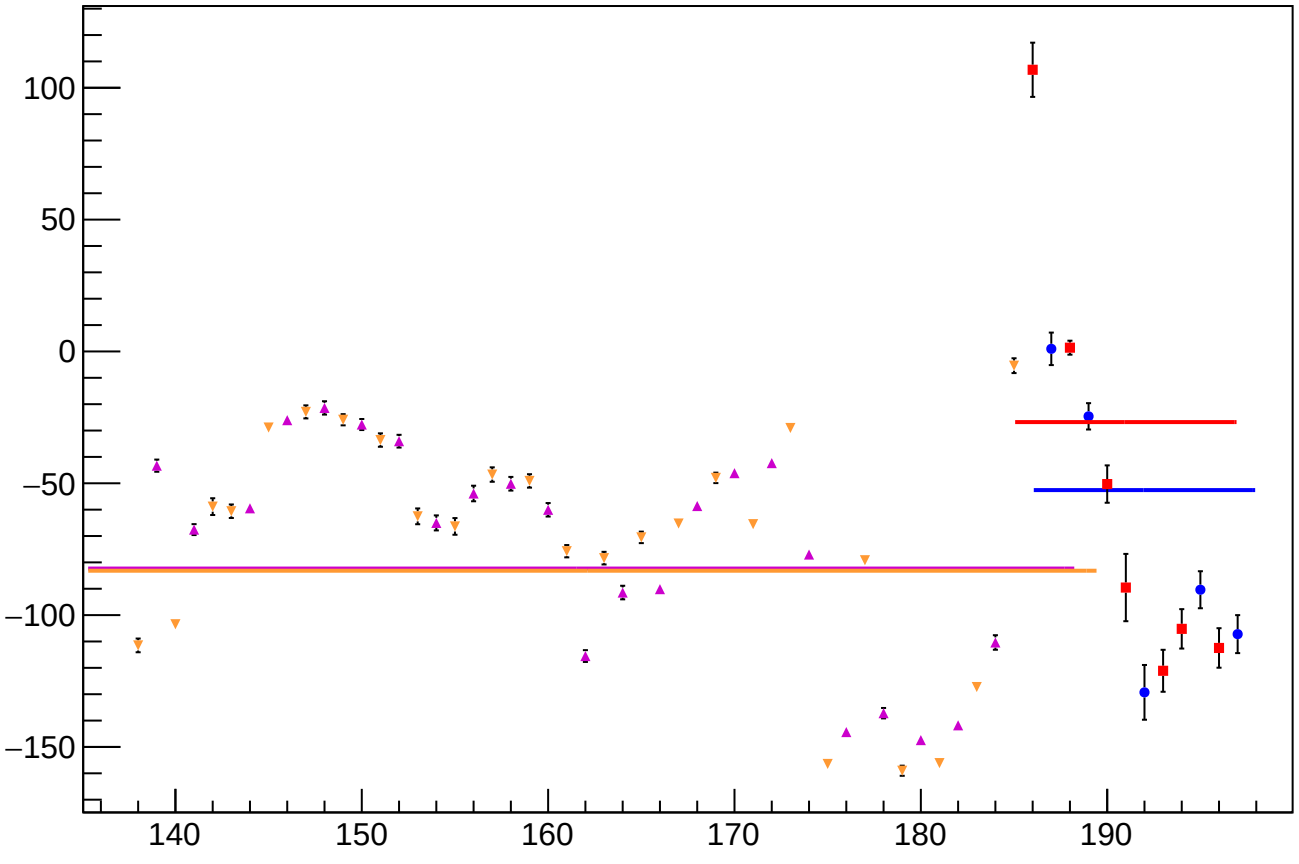
Left In: 0.151+/-0.006 χ^2/NDF:873.9/22

+ sign 0.118+/-0.006 χ^2/NDF: 1658.9/46

All: 0.117+/-0.004 χ^2/NDF: 4391.9/94

- sign 0.116+/-0.006 χ^2/NDF: 2732.9/47

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -52.584+/-2.946 χ^2/NDF: 248.0/4

Left Out: -83.163+/-0.407 χ^2/NDF:13794.3/24

Right Out: -26.791+/-2.089 χ^2/NDF: 698.6/6

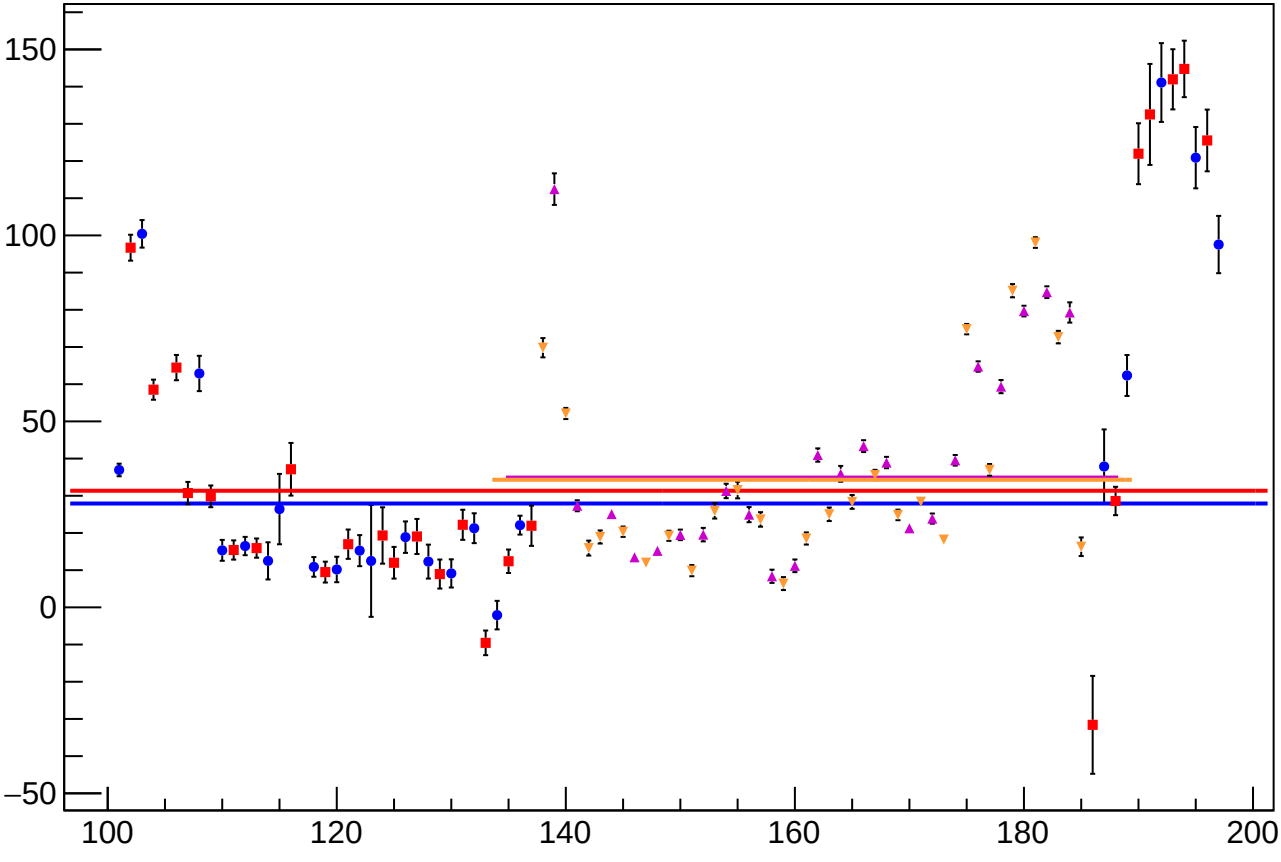
Left In: -82.342+/-0.413 χ^2/NDF:10954.9/22

+ sign -82.590+/-0.403 χ^2/NDF: 14148.0/29

All: -81.427+/-0.286 χ^2/NDF: 26498.6/59

- sign -80.253+/-0.405 χ^2/NDF: 12333.9/29

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 27.918+/-0.780 χ^2/NDF: 1068.8/21

Left Out: 34.306+/-0.321 χ^2/NDF:6163.7/24

Right Out: 31.351+/-0.777 χ^2/NDF: 1696.1/24

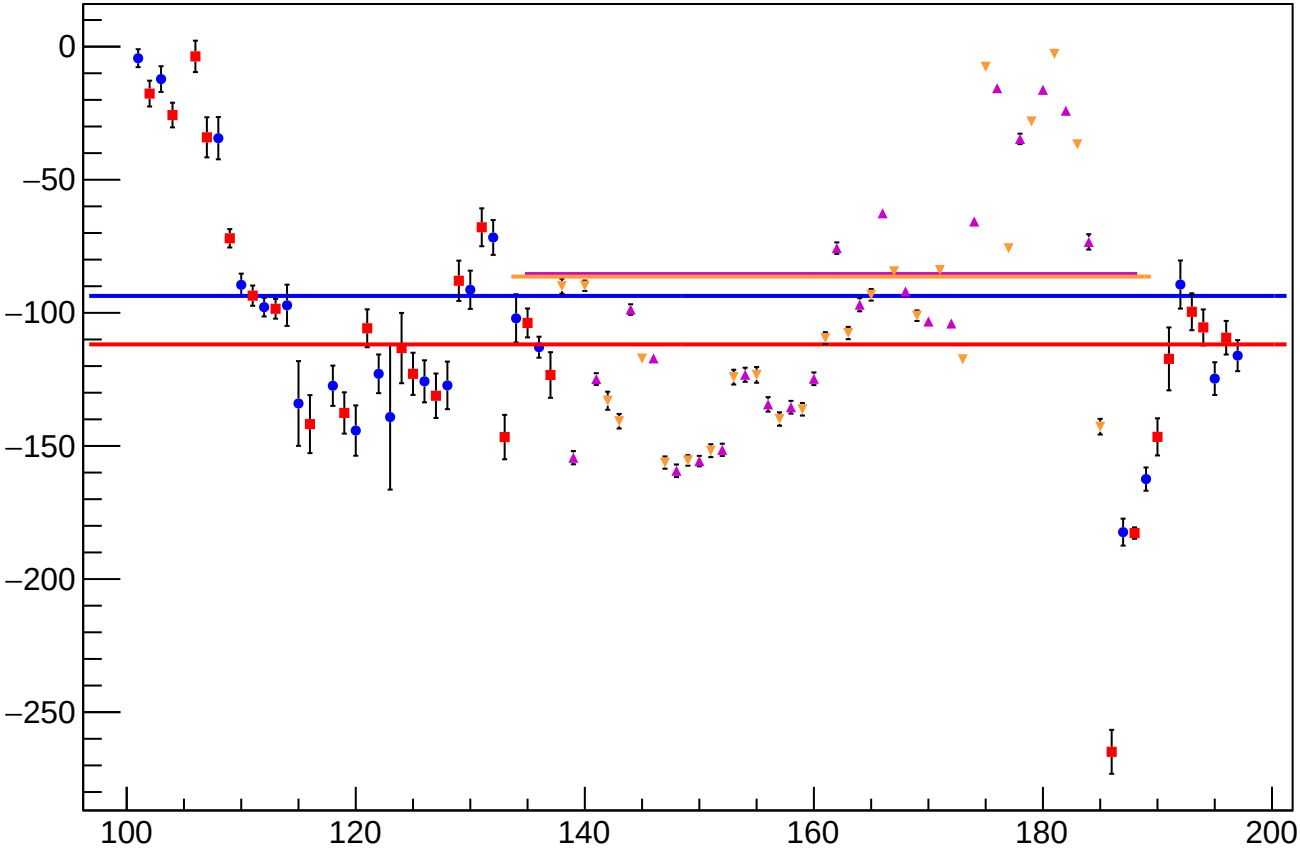
Left In: 34.893+/-0.328 χ^2/NDF:4754.6/22

+ sign 33.381+/-0.297 χ^2/NDF: 7289.9/46

All: 33.860+/-0.212 χ^2/NDF: 13763.4/94

- sign 34.356+/-0.302 χ^2/NDF: 6468.3/47

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -93.642+/-1.230 χ^2/NDF: 1780.2/21

Left Out: -86.377+/-0.409 χ^2/NDF:14435.1/24

Right Out: -111.858+/-1.073 χ^2/NDF: 2896.1/24

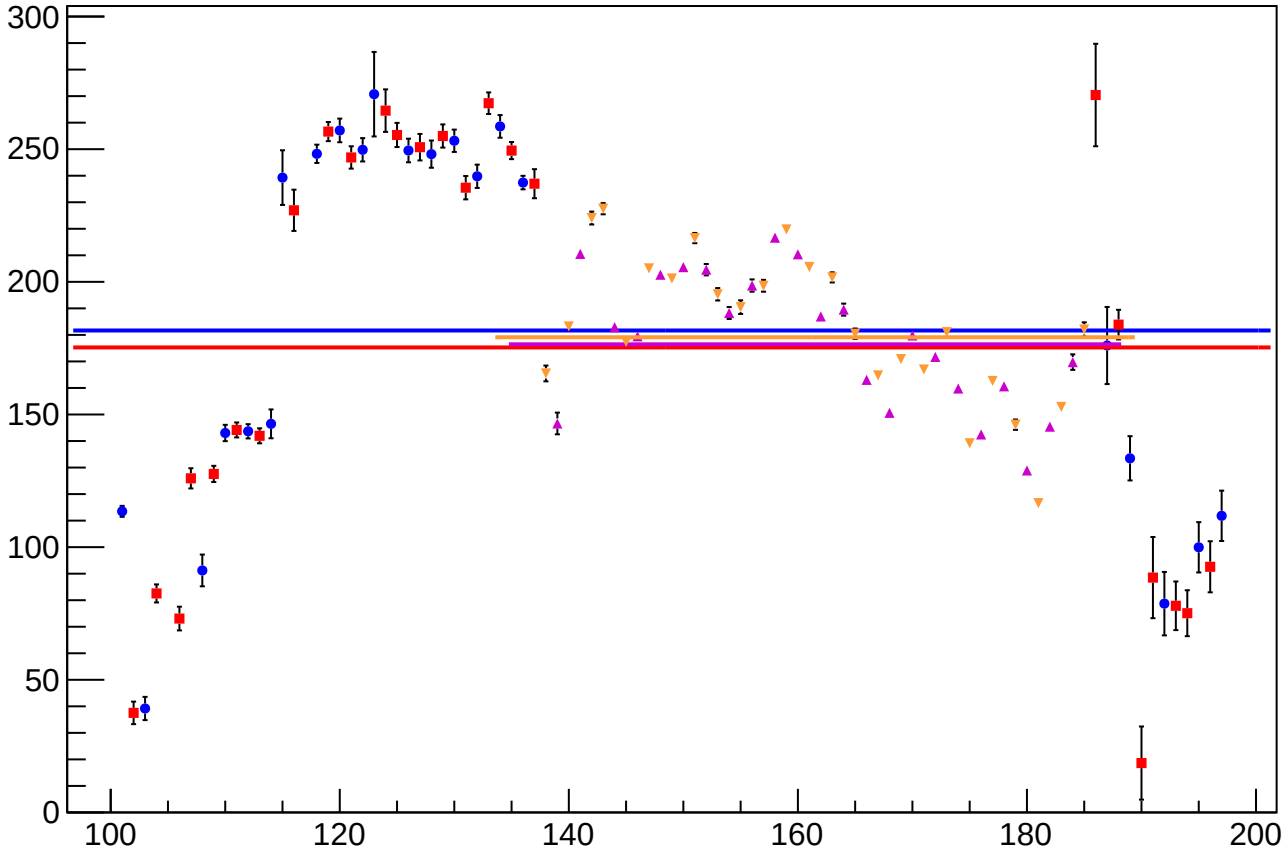
Left In: -85.441+/-0.413 χ^2/NDF:12998.9/22

+ sign -87.100+/-0.388 χ^2/NDF: 16246.7/46

All: -87.981+/-0.274 χ^2/NDF: 32679.7/94

- sign -88.851+/-0.386 χ^2/NDF: 16422.8/47

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 181.663+/-0.896 χ^2/NDF: 5645.3/21

Left Out: 179.109+/-0.363 χ^2/NDF:5877.5/24

Right Out: 175.273+/-0.896 χ^2/NDF: 6686.7/24

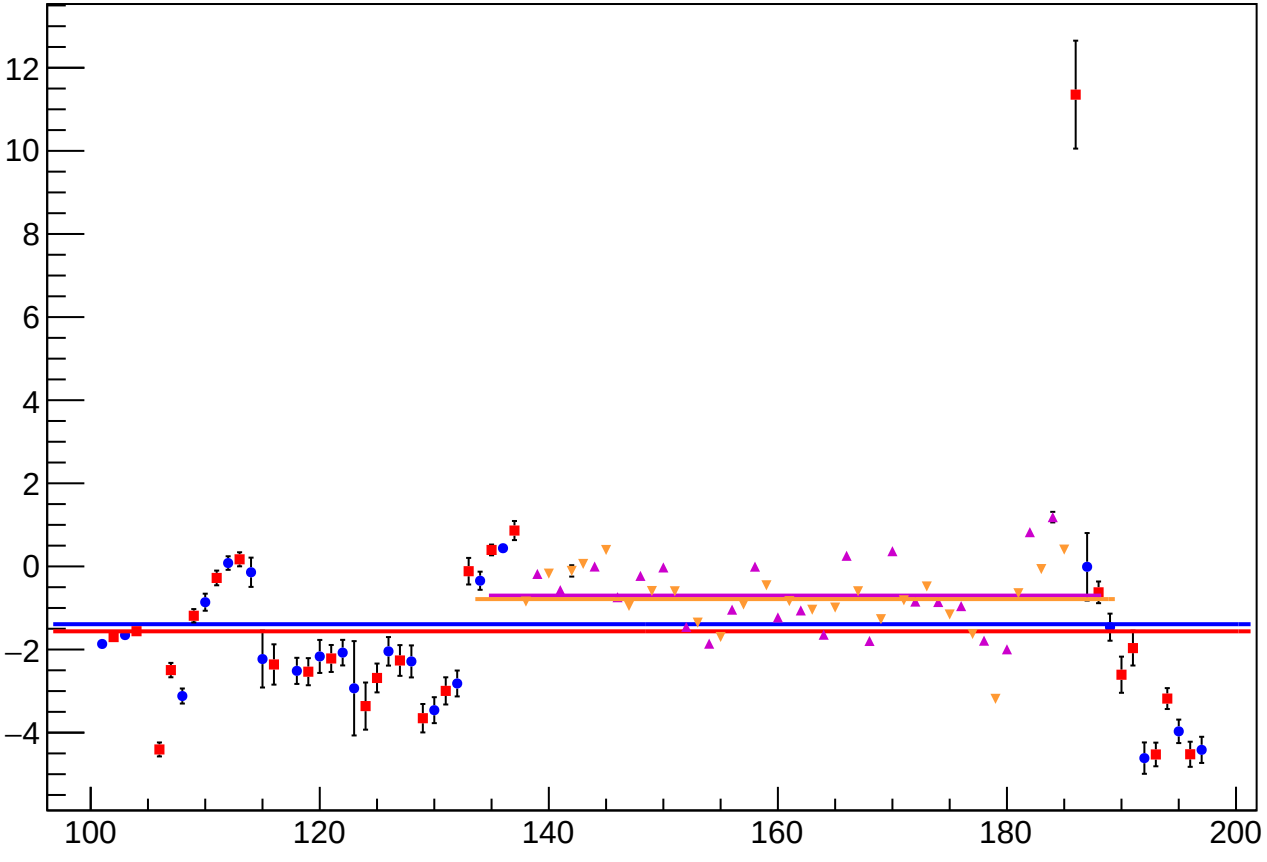
Left In: 176.449+/-0.370 χ^2/NDF:4442.1/22

+ sign 179.468+/-0.336 χ^2/NDF: 11529.7/46

All: 177.899+/-0.240 χ^2/NDF: 22704.3/94

- sign 176.278+/-0.342 χ^2/NDF: 11130.2/47

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.391+/-0.046 χ^2/NDF: 890.9/21

Left Out: -0.787+/-0.017 χ^2/NDF:1760.7/24

Right Out: -1.562+/-0.043 χ^2/NDF: 1301.4/24

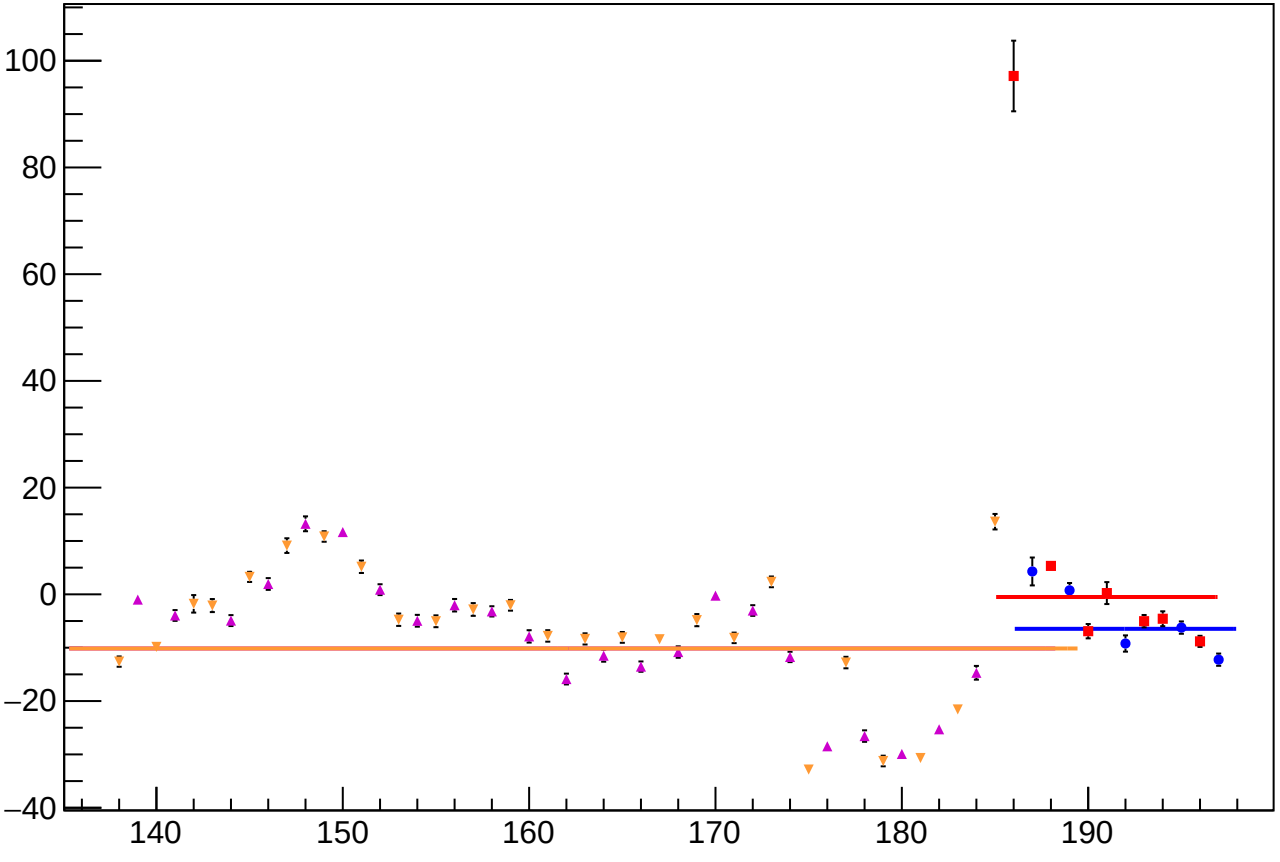
Left In: -0.702+/-0.017 χ^2/NDF:2421.3/22

+ sign -0.857+/-0.016 χ^2/NDF: 2804.2/46

All: -0.836+/-0.011 χ^2/NDF: 6874.9/94

- sign -0.816+/-0.016 χ^2/NDF: 4067.3/47

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -6.464+/-0.619 χ^2/NDF: 73.2/4

Left Out: -10.147+/-0.202 χ^2/NDF:4128.5/24

Right Out: -0.500+/-0.429 χ^2/NDF: 410.7/6

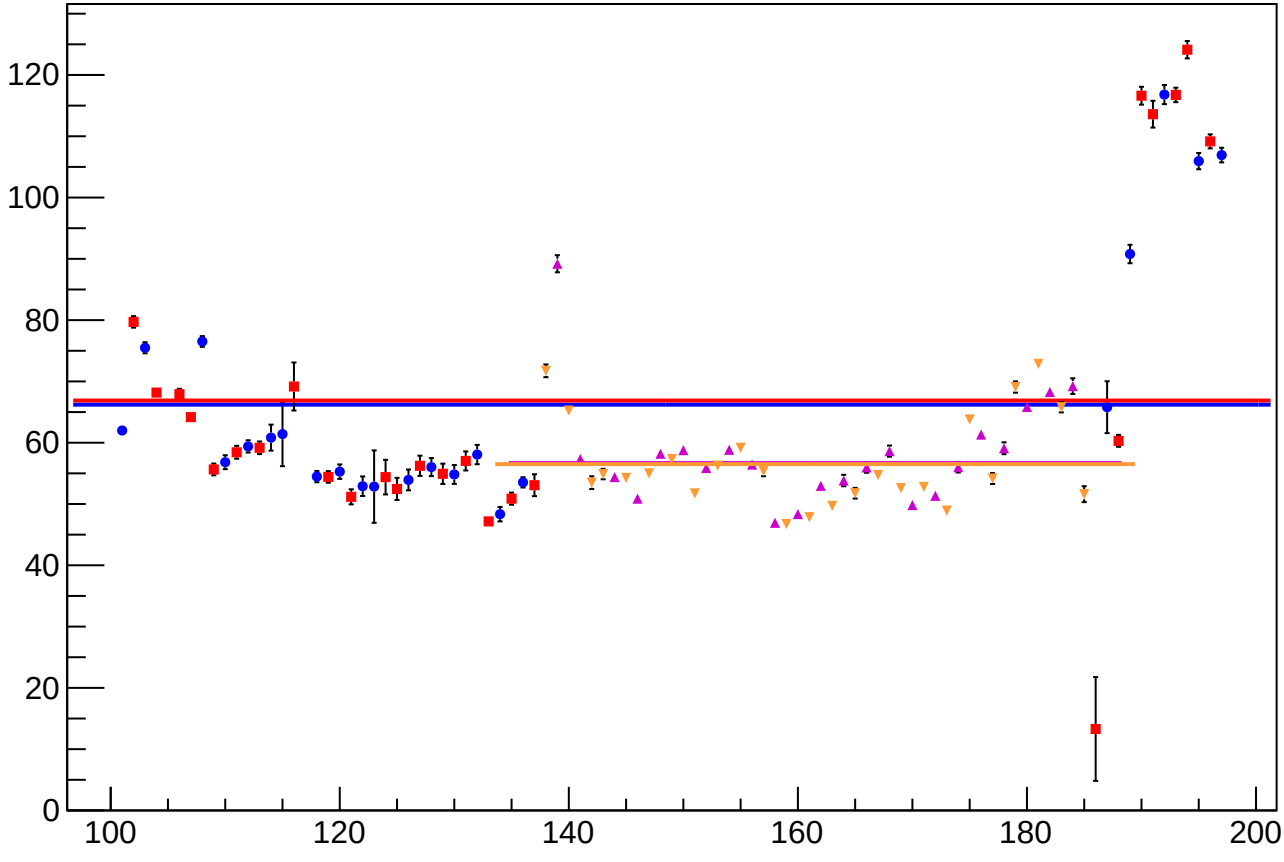
Left In: -10.149+/-0.204 χ^2/NDF:3491.7/22

+ sign -9.793+/-0.192 χ^2/NDF: 4233.8/29

All: -9.054+/-0.133 χ^2/NDF: 8577.0/59

- sign -8.372+/-0.184 χ^2/NDF: 4314.7/29

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 66.210+/-0.244 χ^2/NDF: 4774.7/21

Left Out: 56.508+/-0.159 χ^2/NDF:1962.3/24

Right Out: 66.885+/-0.225 χ^2/NDF: 8682.2/24

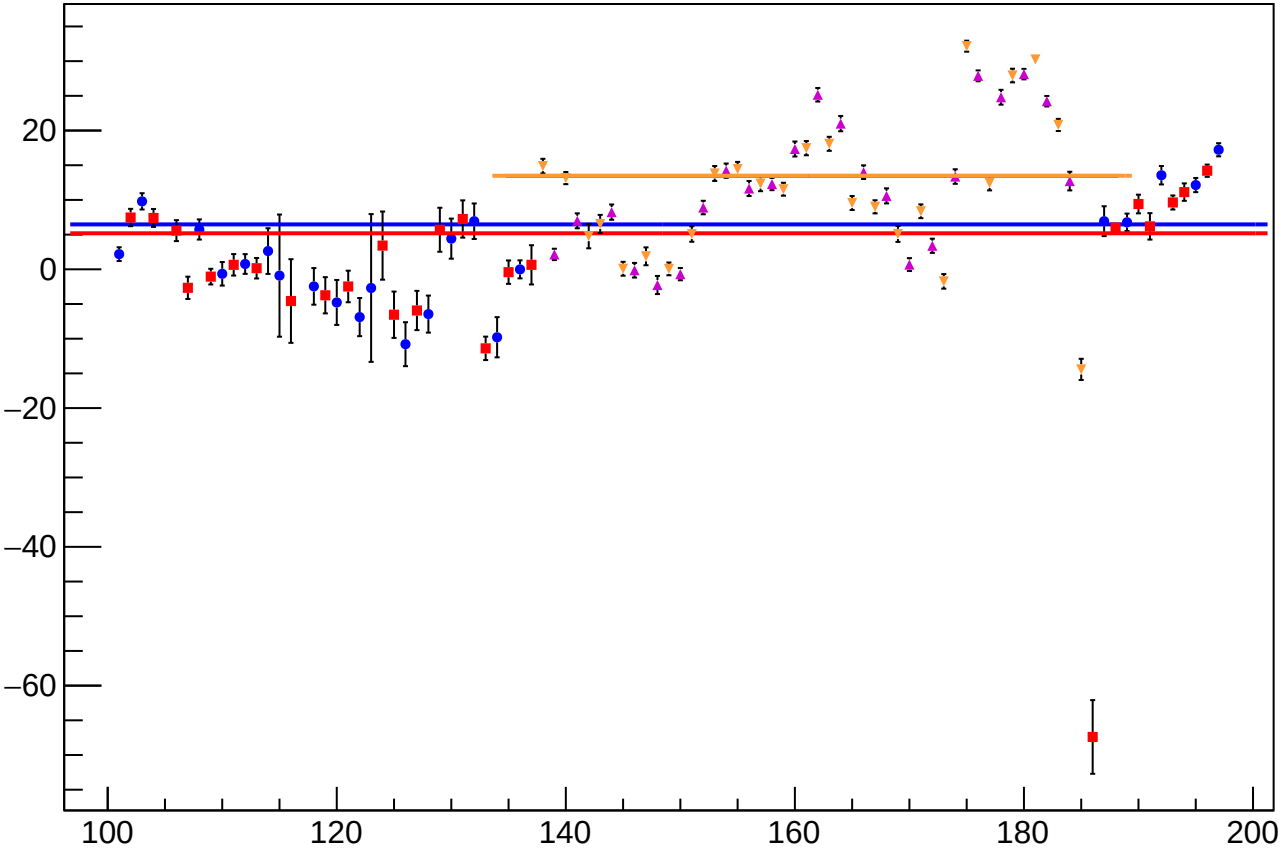
Left In: 56.674+/-0.165 χ^2/NDF:1679.8/22

+ sign 59.406+/-0.133 χ^2/NDF: 7845.6/46

All: 59.827+/-0.094 χ^2/NDF: 19572.1/94

- sign 60.244+/-0.133 χ^2/NDF: 11706.6/47

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 6.473+/-0.348 χ^2/NDF: 409.4/21

Left Out: 13.485+/-0.202 χ^2/NDF:2731.0/24

Right Out: 5.191+/-0.279 χ^2/NDF: 590.6/24

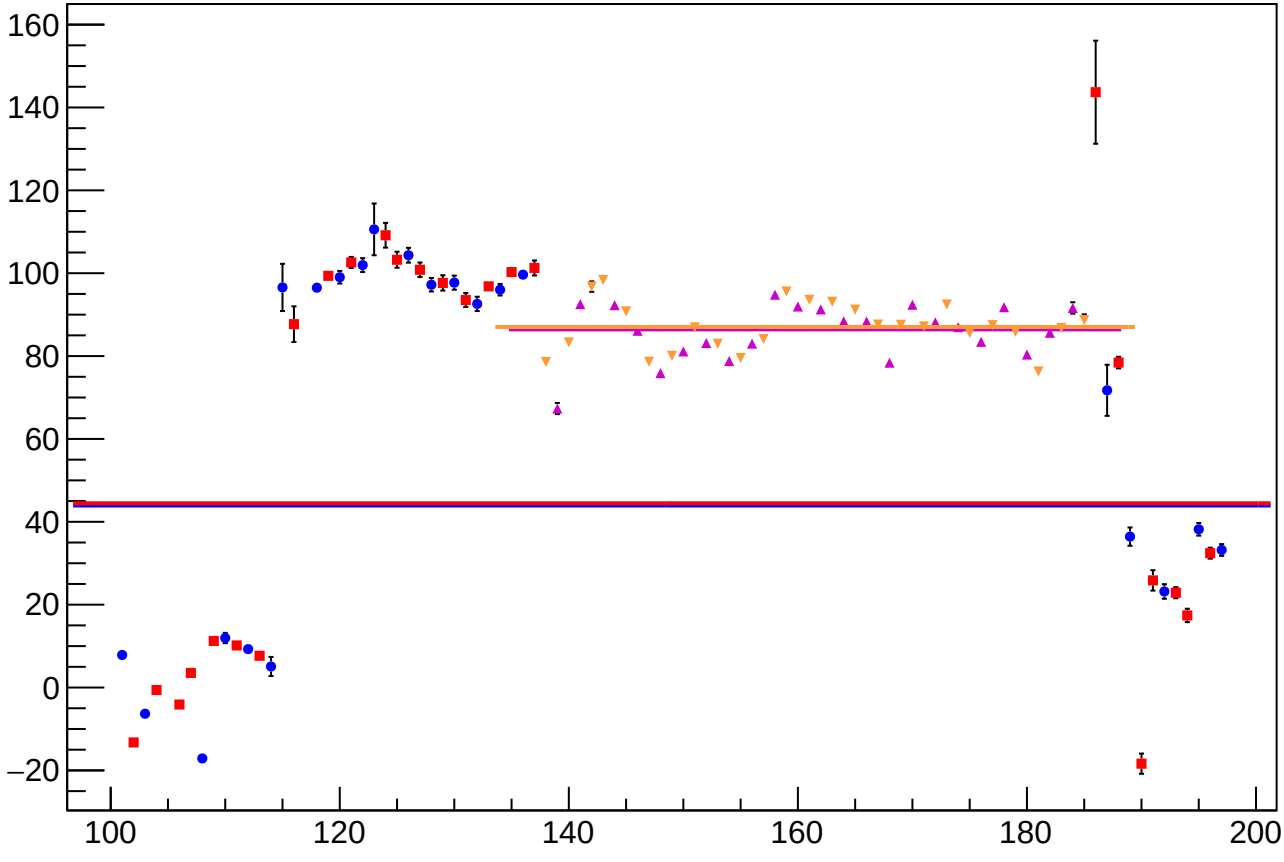
Left In: 13.456+/-0.203 χ^2/NDF:2371.9/22

+ sign 11.718+/-0.175 χ^2/NDF: 3444.5/46

All: 11.120+/-0.120 χ^2/NDF: 7003.4/94

- sign 10.591+/-0.164 χ^2/NDF: 3536.8/47

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 43.935+/-0.284 χ^2/NDF: 25335.1/21

Left Out: 87.023+/-0.179 χ^2/NDF:1057.2/24

Right Out: 44.476+/-0.266 χ^2/NDF: 29900.3/24

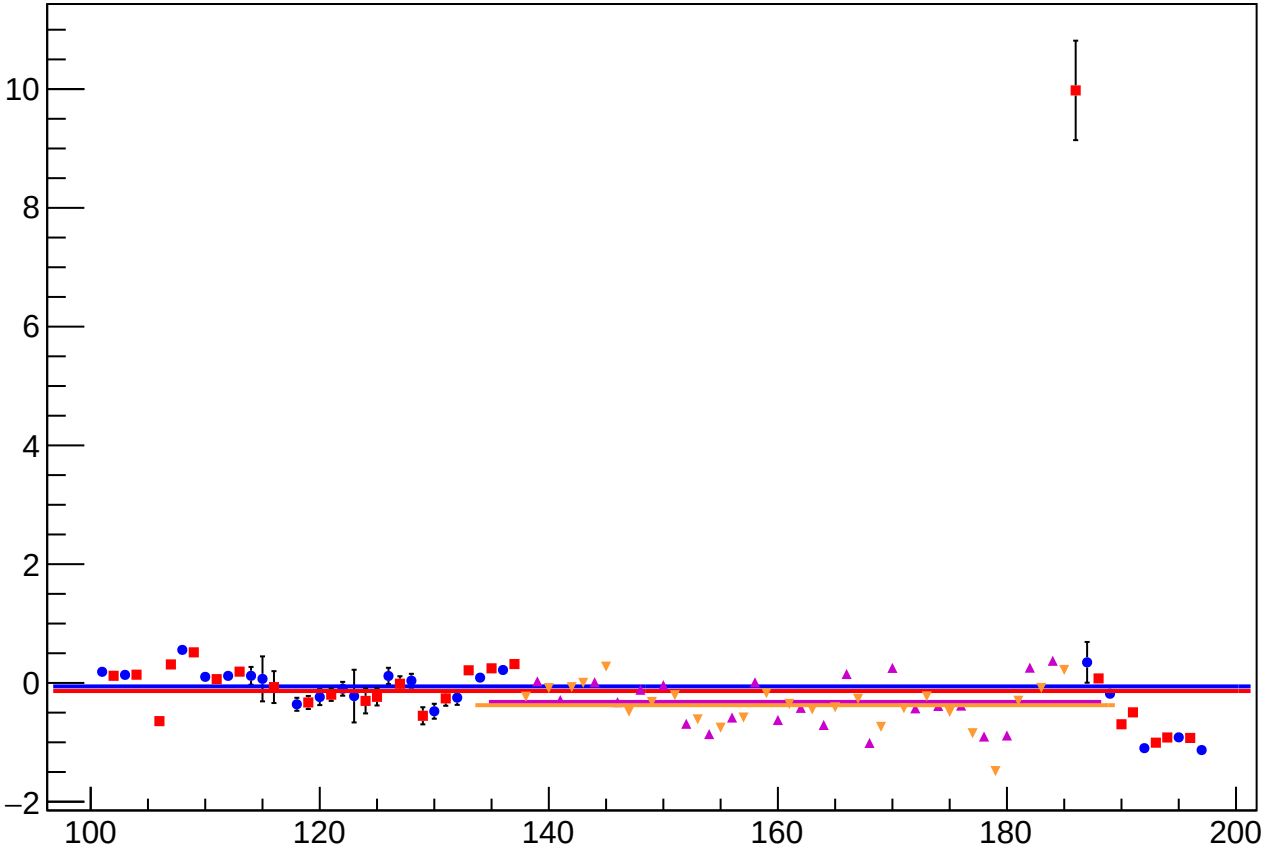
Left In: 86.443+/-0.184 χ^2/NDF:1038.6/22

+ sign 74.754+/-0.152 χ^2/NDF: 42802.9/46

All: 73.793+/-0.107 χ^2/NDF: 90688.2/94

- sign 72.838+/-0.151 χ^2/NDF: 47805.2/47

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: -0.059+/-0.012 χ^2/NDF: 1854.9/21

Left Out: -0.375+/-0.008 χ^2/NDF:1657.5/24

Right Out: -0.136+/-0.011 χ^2/NDF: 2165.7/24

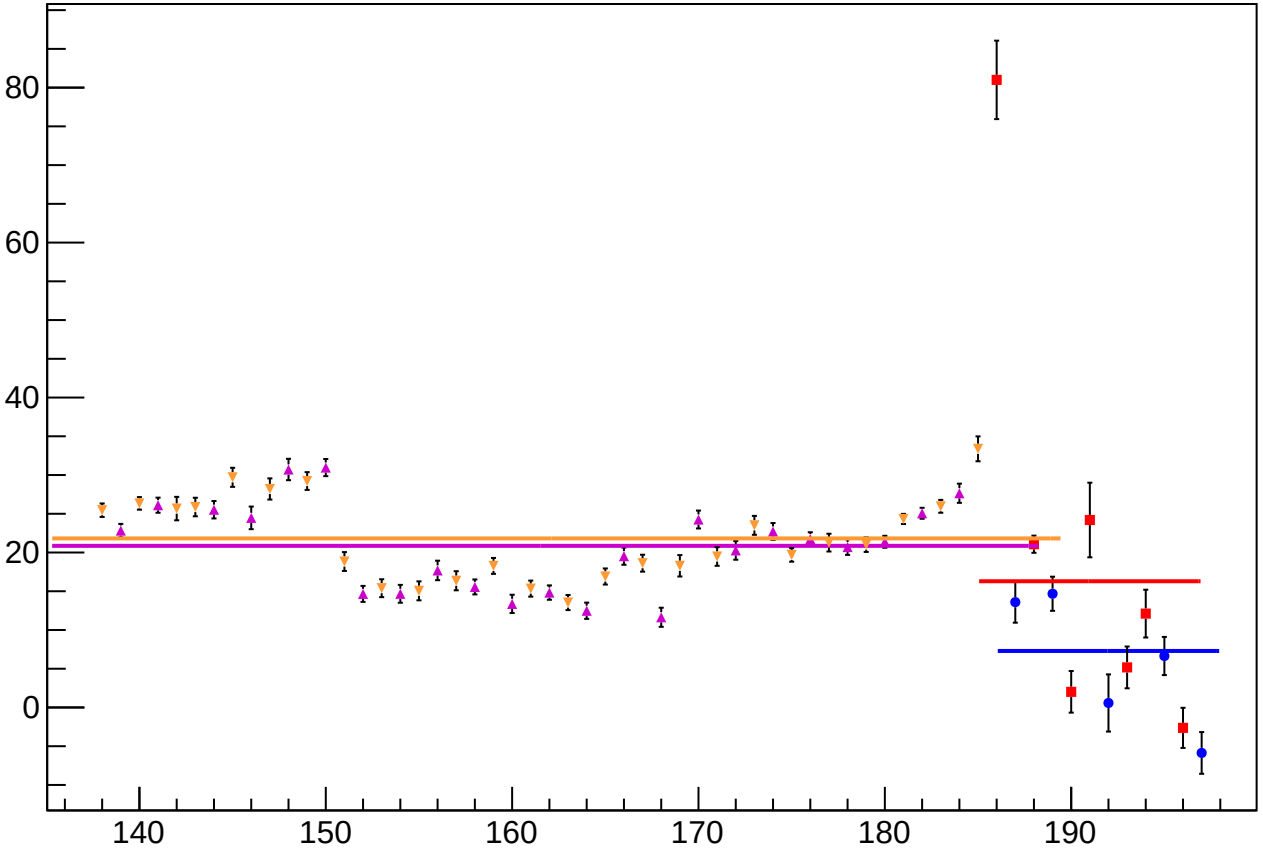
Left In: -0.320+/-0.008 χ^2/NDF:2325.0/22

+ sign -0.279+/-0.007 χ^2/NDF: 3971.3/46

All: -0.267+/-0.005 χ^2/NDF: 8644.8/94

- sign -0.256+/-0.007 χ^2/NDF: 4667.8/47

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 7.295+/-1.175 χ^2/NDF: 44.1/4

Left Out: 21.818+/-0.210 χ^2/NDF:522.7/24

Right Out: 16.291+/-0.837 χ^2/NDF: 285.2/6

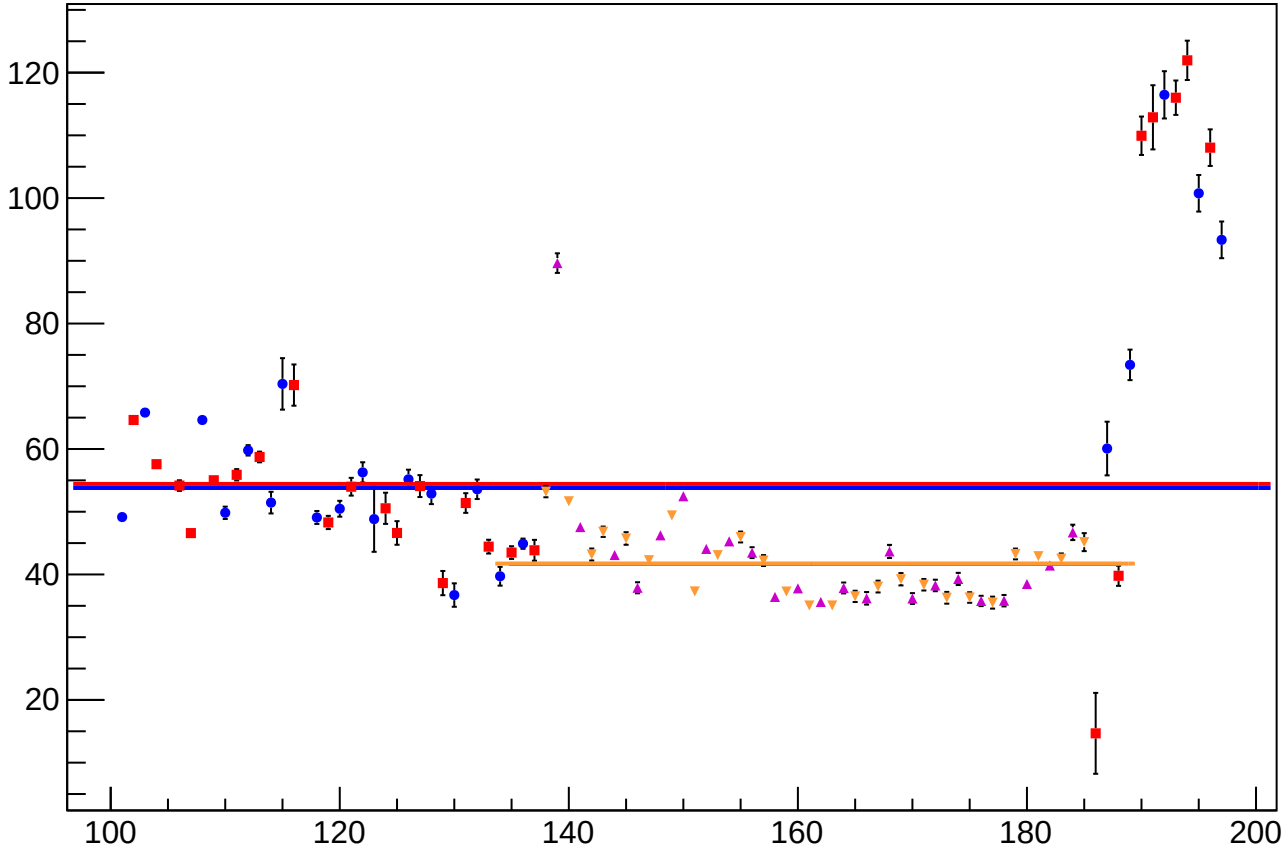
Left In: 20.860+/-0.216 χ^2/NDF:575.5/22

+ sign 21.368+/-0.207 χ^2/NDF: 714.8/29

All: 20.975+/-0.147 χ^2/NDF: 1610.8/59

- sign 20.576+/-0.209 χ^2/NDF: 888.7/29

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 53.786+/-0.208 χ^2/NDF: 1999.0/21

Left Out: 41.732+/-0.166 χ^2/NDF:1014.0/24

Right Out: 54.430+/-0.222 χ^2/NDF: 2768.5/24

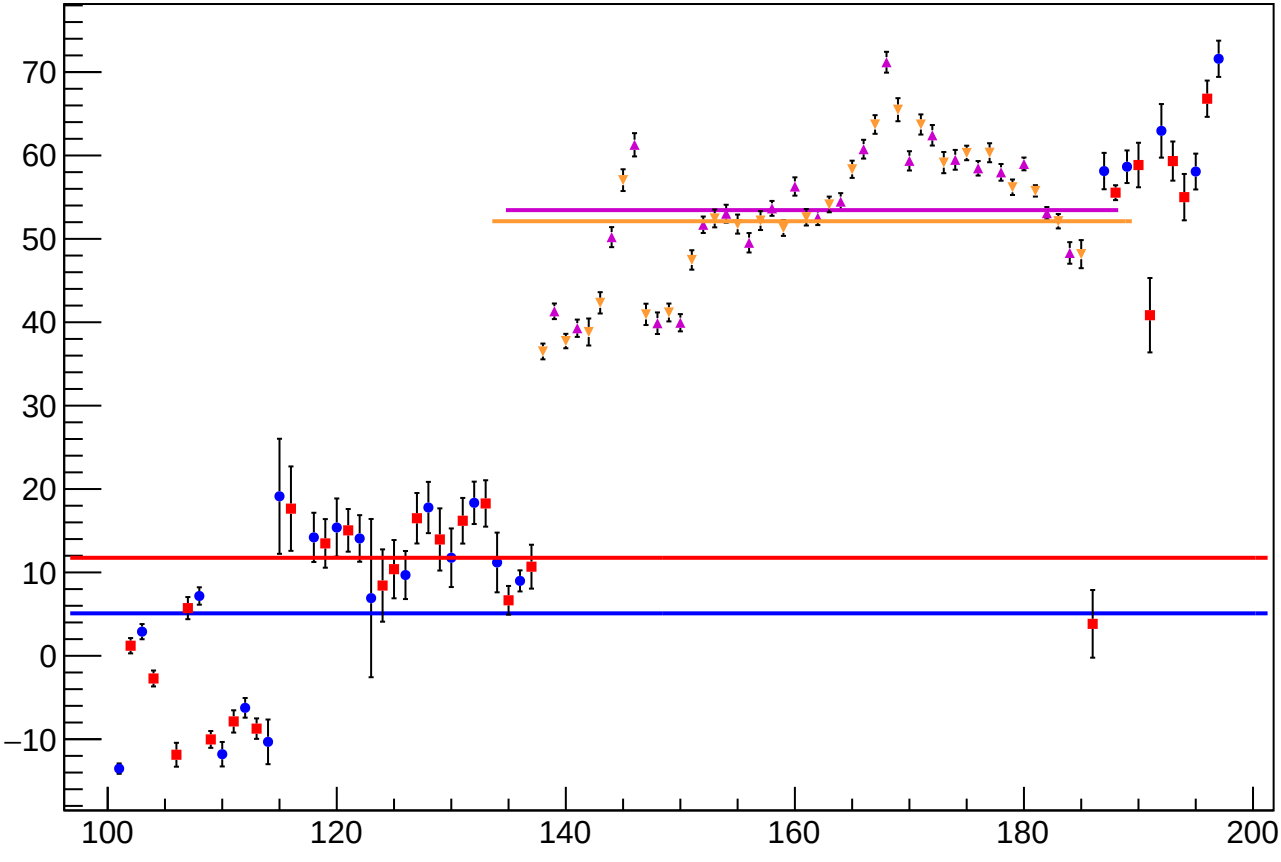
Left In: 41.682+/-0.173 χ^2/NDF:1715.9/22

+ sign 46.425+/-0.130 χ^2/NDF: 5069.0/46

All: 46.462+/-0.094 χ^2/NDF: 11597.2/94

- sign 46.503+/-0.137 χ^2/NDF: 6528.0/47

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 5.092+/-0.342 χ^2/NDF: 4470.2/21

Left Out: 52.116+/-0.210 χ^2/NDF:1445.4/24

Right Out: 11.755+/-0.334 χ^2/NDF: 5694.6/24

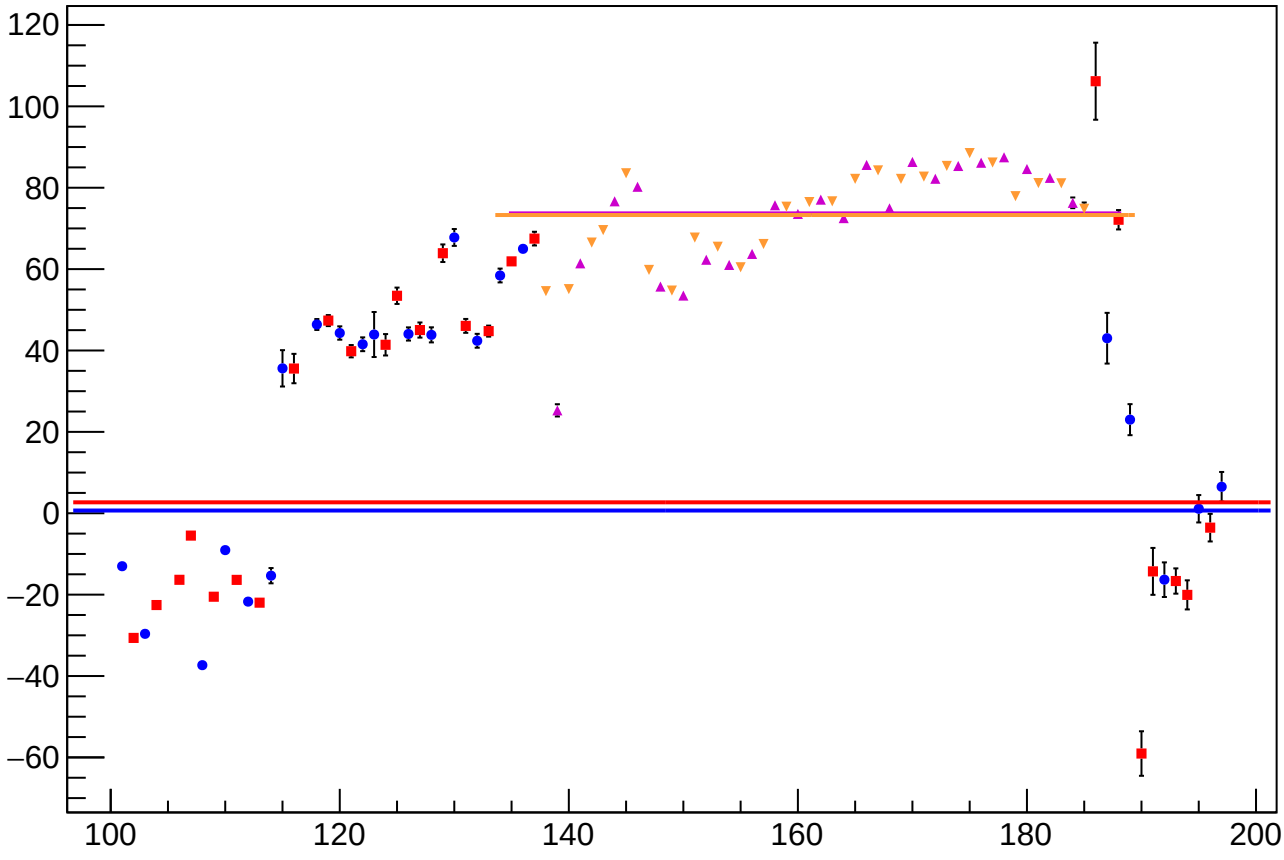
Left In: 53.447+/-0.214 χ^2/NDF:1167.6/22

+ sign 39.199+/-0.179 χ^2/NDF: 19631.3/46

All: 40.243+/-0.127 χ^2/NDF: 37575.0/94

- sign 41.302+/-0.181 χ^2/NDF: 17875.3/47

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.673+/-0.244 χ^2/NDF: 18523.1/21

Left Out: 73.294+/-0.187 χ^2/NDF:3148.2/24

Right Out: 2.688+/-0.263 χ^2/NDF: 16570.8/24

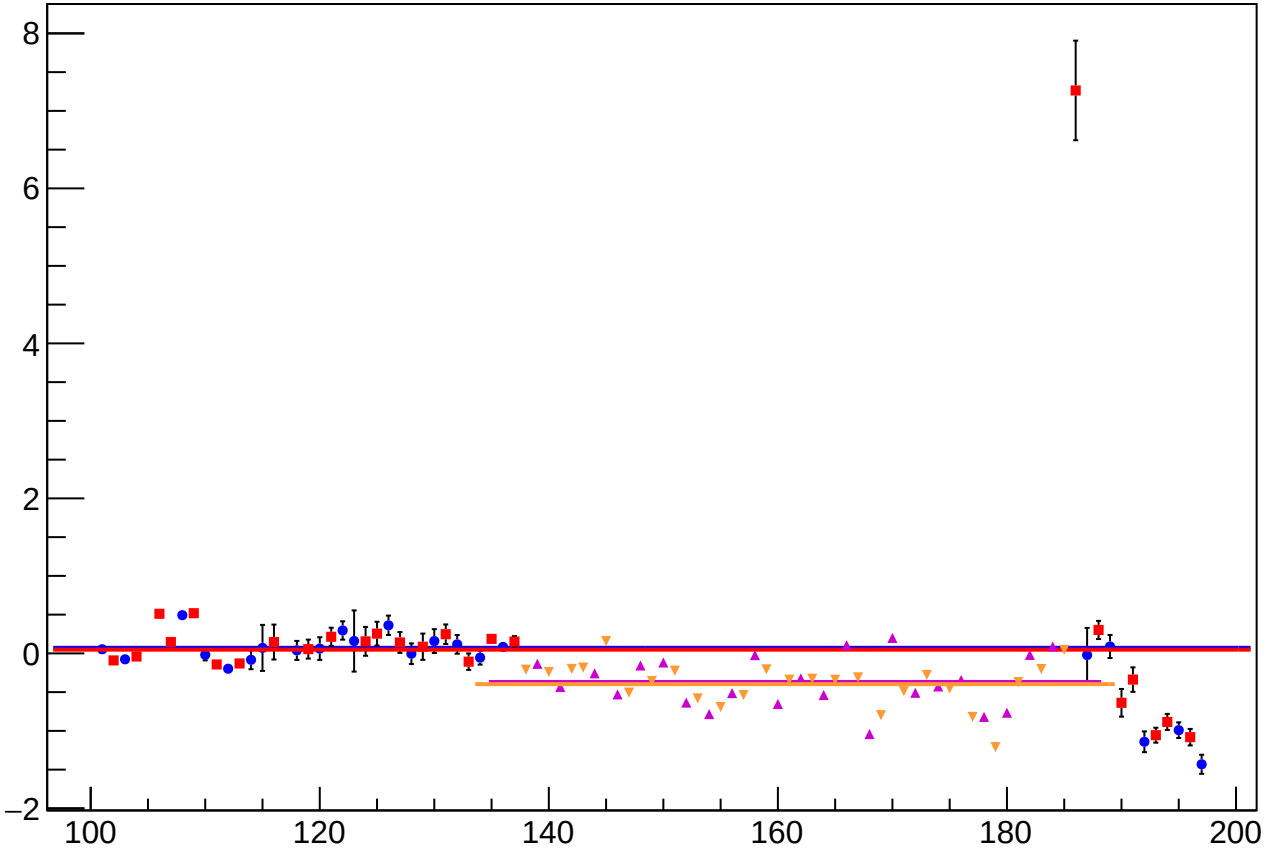
Left In: 73.699+/-0.194 χ^2/NDF:3901.1/22

+ sign 46.414+/-0.149 χ^2/NDF: 77289.3/46

All: 47.486+/-0.108 χ^2/NDF: 145169.1/94

- sign 48.667+/-0.156 χ^2/NDF: 67770.4/47

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.072+/-0.011 χ^2/NDF: 752.2/21

Left Out: -0.397+/-0.009 χ^2/NDF:943.5/24

Right Out: 0.048+/-0.011 χ^2/NDF: 875.3/24

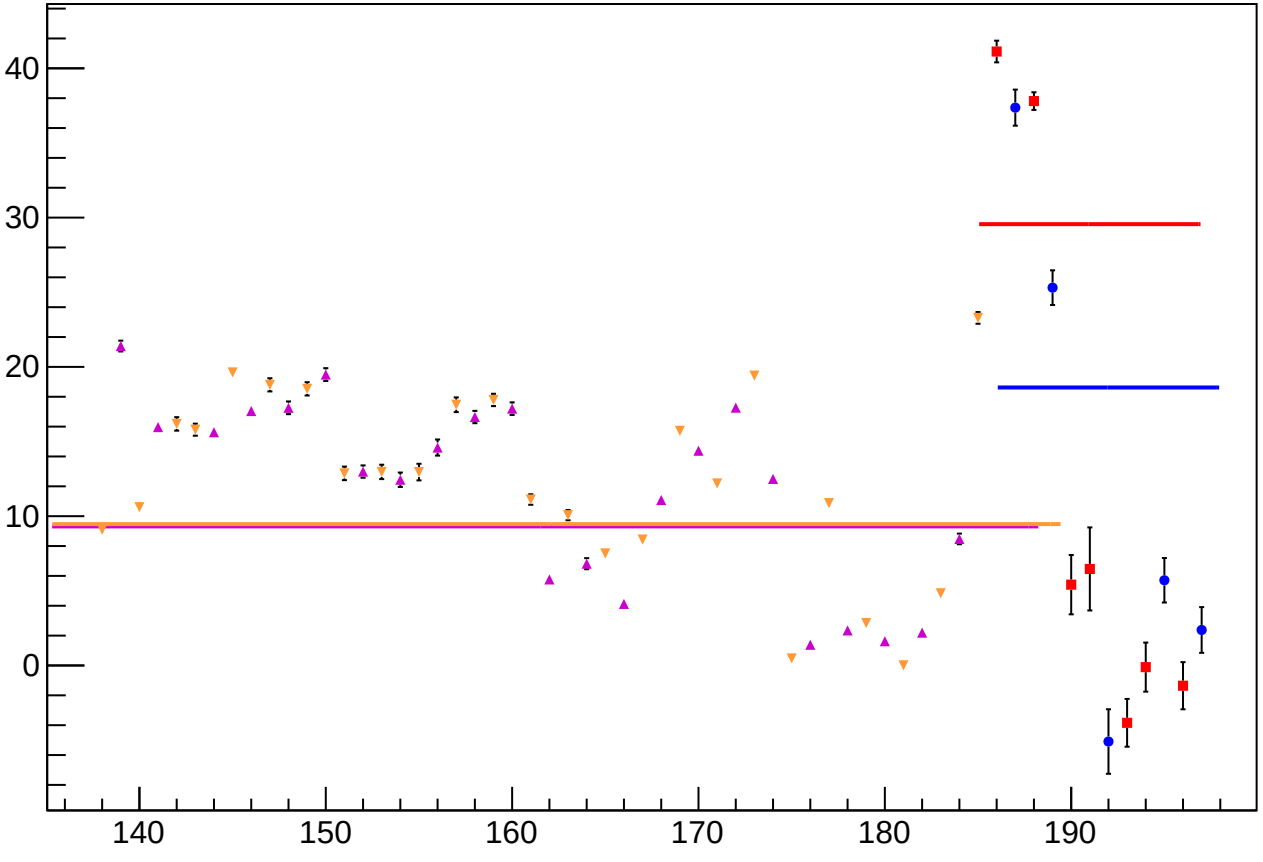
Left In: -0.369+/-0.009 χ^2/NDF:1322.7/22

+ sign -0.217+/-0.007 χ^2/NDF: 2846.1/46

All: -0.212+/-0.005 χ^2/NDF: 5952.8/94

- sign -0.206+/-0.007 χ^2/NDF: 3105.2/47

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 18.621+/-0.630 χ^2/NDF: 581.8/4

Left Out: 9.470+/-0.061 χ^2/NDF:12578.0/24

Right Out: 29.562+/-0.398 χ^2/NDF: 1808.7/6

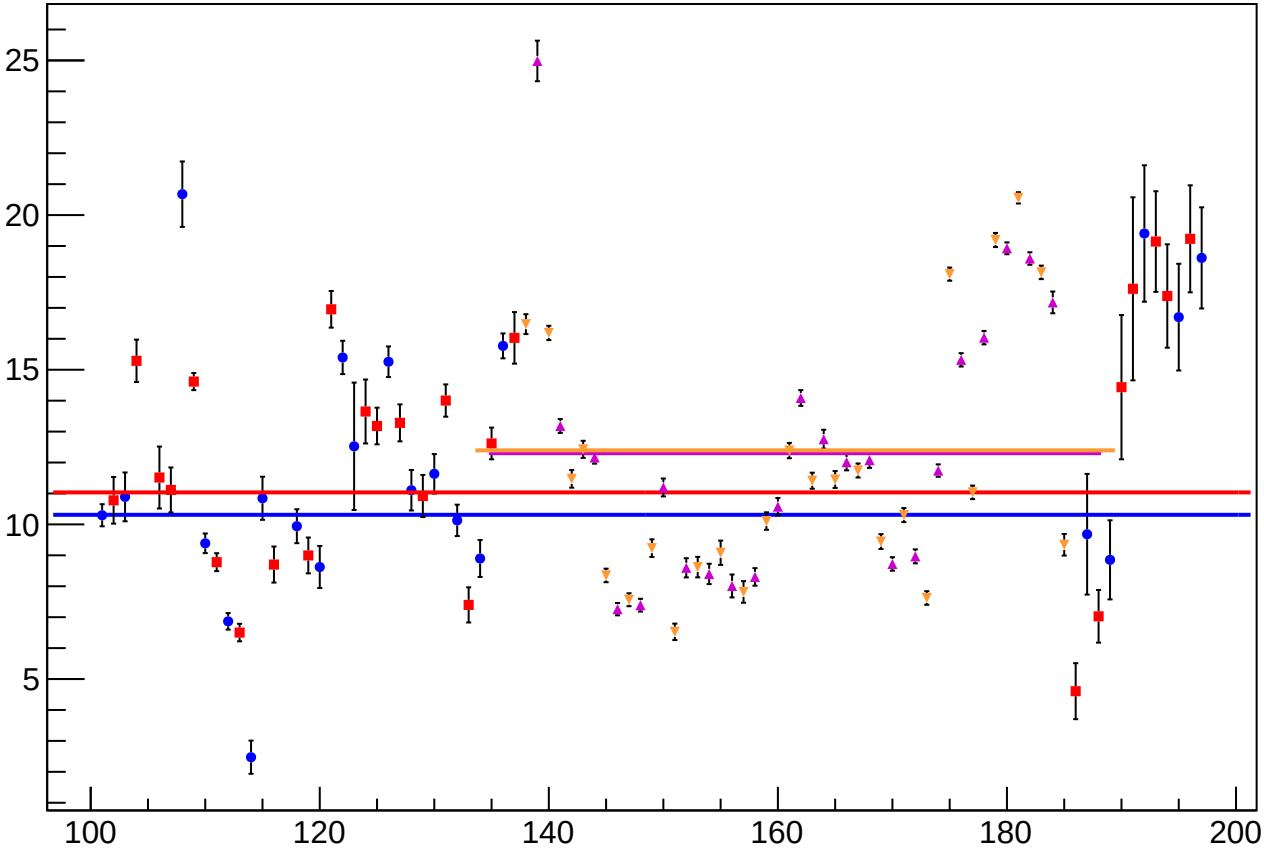
Left In: 9.315+/-0.063 χ^2/NDF:11007.3/22

+ sign 9.555+/-0.061 χ^2/NDF: 13368.7/29

All: 9.678+/-0.044 χ^2/NDF: 28713.2/59

- sign 9.805+/-0.062 χ^2/NDF: 15336.3/29

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.310+/-0.117 χ^2/NDF: 936.0/21

Left Out: 12.393+/-0.050 χ^2/NDF:7525.9/24

Right Out: 11.034+/-0.113 χ^2/NDF: 944.6/24

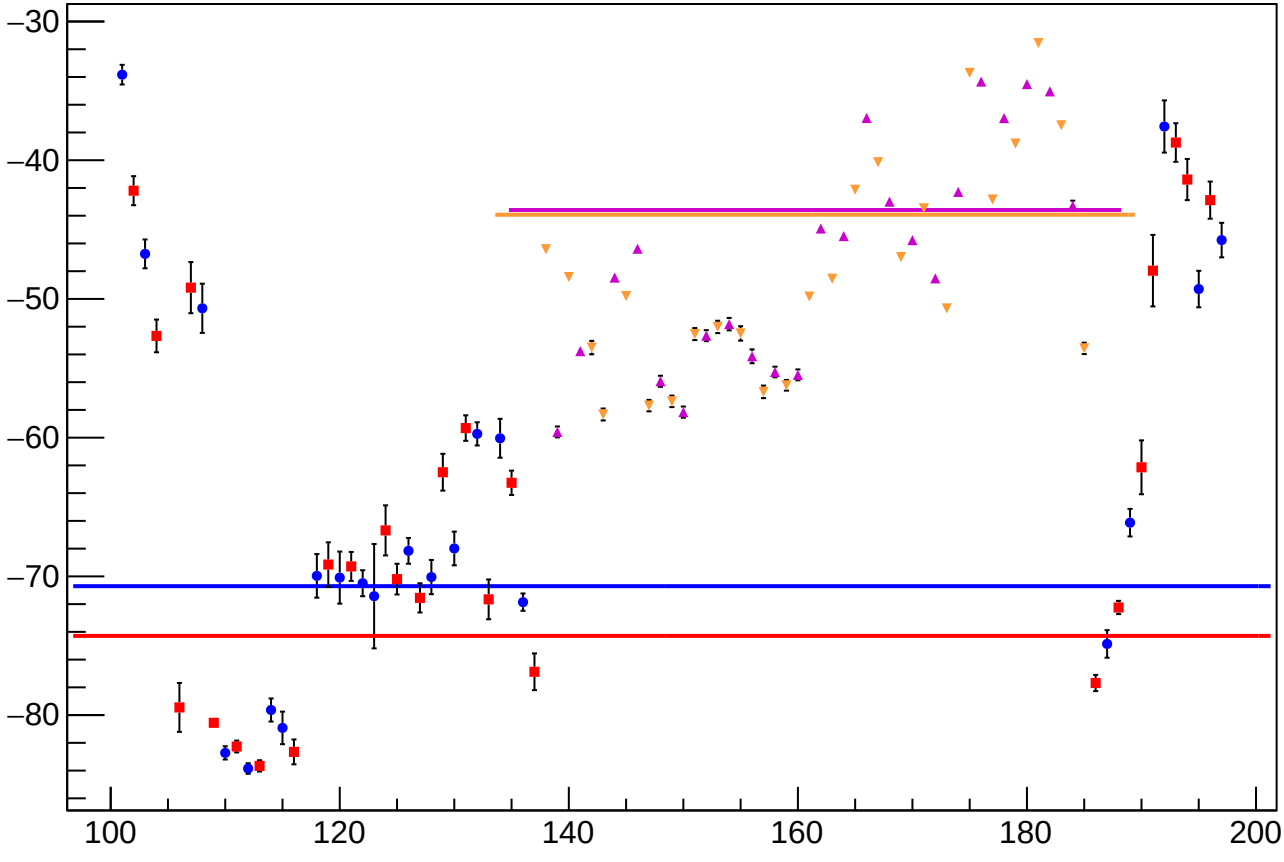
Left In: 12.302+/-0.051 χ^2/NDF:5661.3/22

+ sign 12.076+/-0.046 χ^2/NDF: 8728.7/46

All: 12.082+/-0.033 χ^2/NDF: 15438.3/94

- sign 12.088+/-0.047 χ^2/NDF: 6709.7/47

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -70.706+/-0.185 χ^2/NDF: 6639.9/21

Left Out: -43.930+/-0.062 χ^2/NDF:17576.0/24

Right Out: -74.289+/-0.159 χ^2/NDF: 5220.0/24

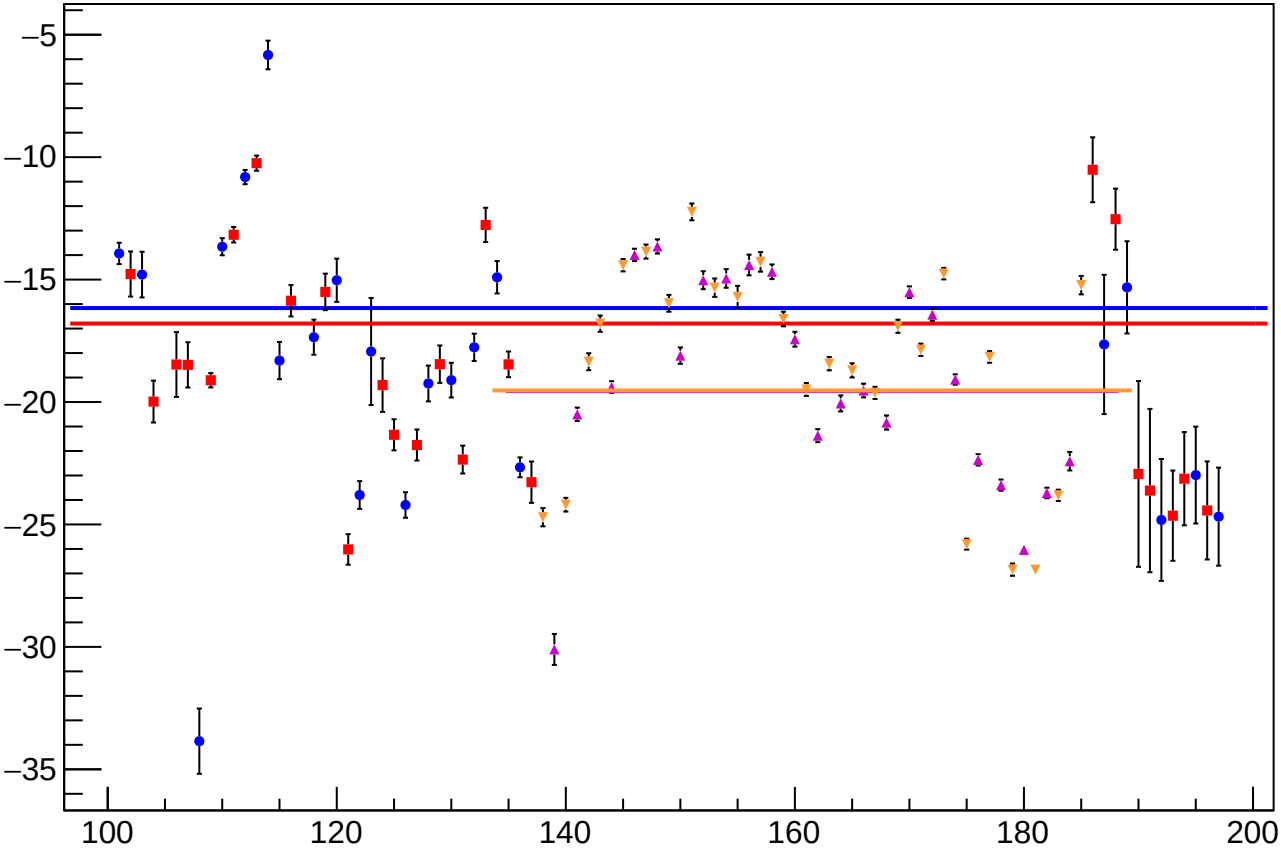
Left In: -43.591+/-0.063 χ^2/NDF:15574.9/22

+ sign -46.627+/-0.059 χ^2/NDF: 42990.9/46

All: -47.205+/-0.042 χ^2/NDF: 96289.6/94

- sign -47.778+/-0.059 χ^2/NDF: 53106.6/47

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.163+/-0.131 χ^2/NDF: 1683.9/21

Left Out: -19.526+/-0.056 χ^2/NDF:6493.0/24

Right Out: -16.795+/-0.126 χ^2/NDF: 1290.9/24

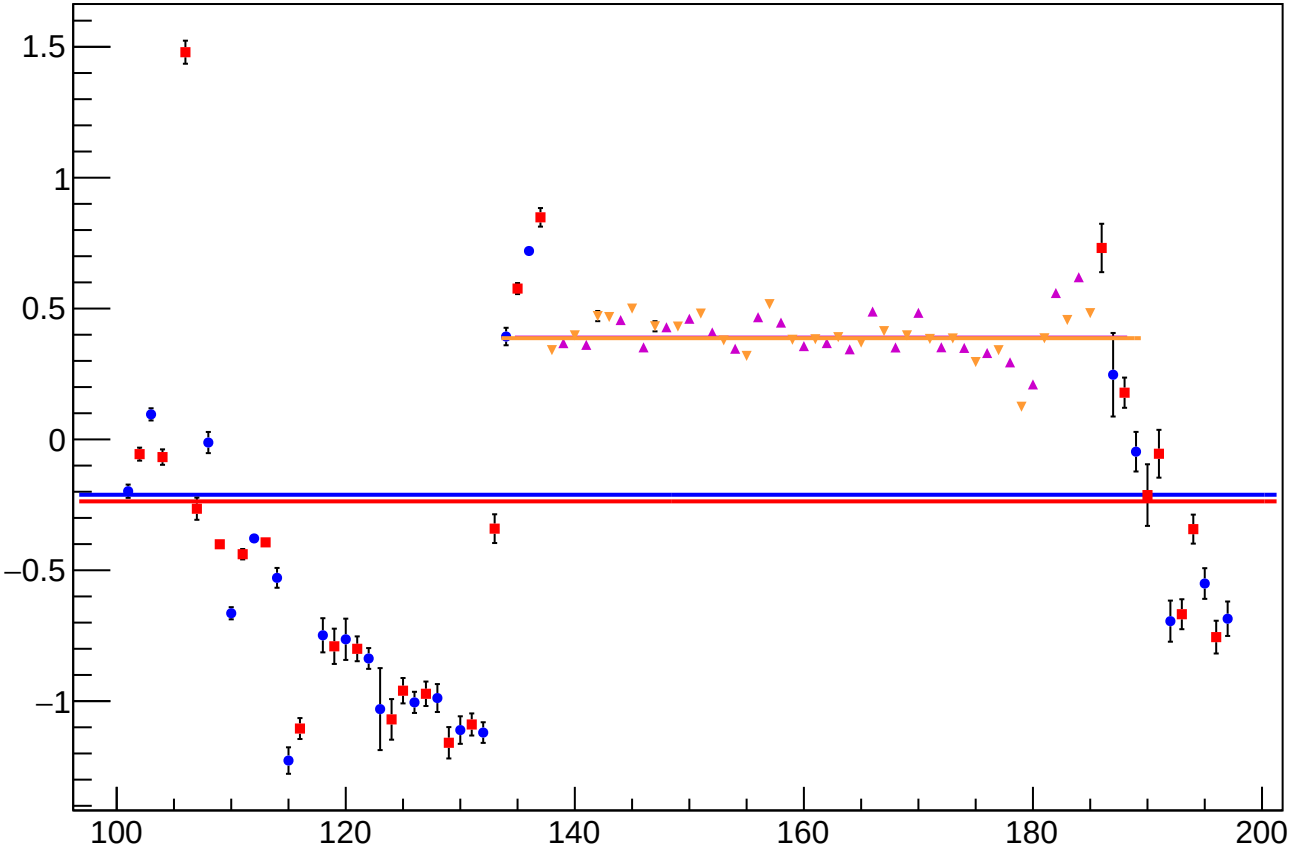
Left In: -19.552+/-0.057 χ^2/NDF:4359.1/22

+ sign -19.008+/-0.051 χ^2/NDF: 8735.2/46

All: -19.044+/-0.037 χ^2/NDF: 14783.3/94

- sign -19.082+/-0.052 χ^2/NDF: 6047.1/47

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.211+/-0.007 χ^2/NDF: 6478.1/21

Left Out: 0.387+/-0.003 χ^2/NDF:989.2/24

Right Out: -0.237+/-0.007 χ^2/NDF: 6501.4/24

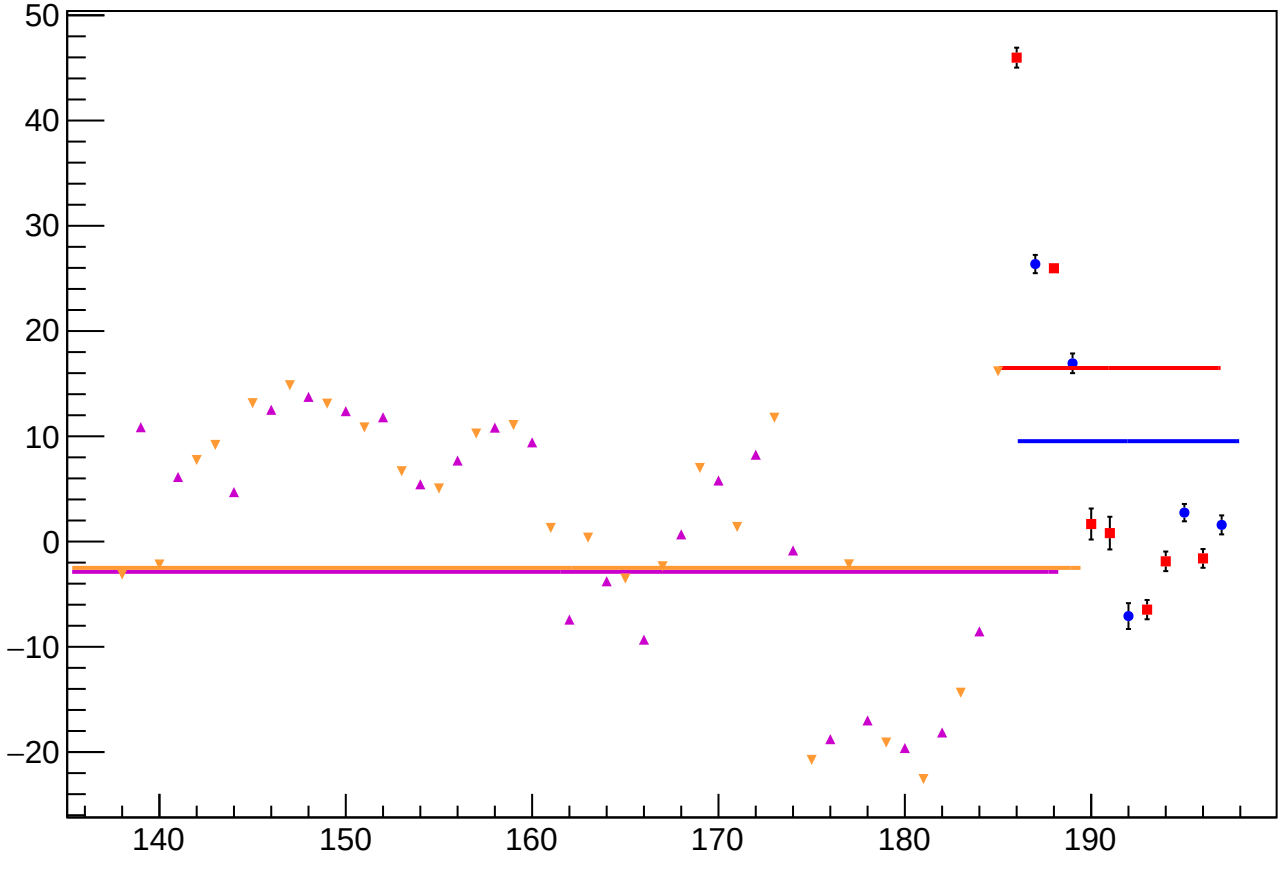
Left In: 0.389+/-0.003 χ^2/NDF:1257.1/22

+ sign 0.322+/-0.002 χ^2/NDF: 13372.9/46

All: 0.317+/-0.002 χ^2/NDF: 28292.6/94

- sign 0.311+/-0.002 χ^2/NDF: 14910.3/47

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 9.537+/-0.414 χ^2/NDF: 767.3/4

Left Out: -2.499+/-0.053 χ^2/NDF:55930.9/24

Right Out: 16.488+/-0.301 χ^2/NDF: 3091.8/6

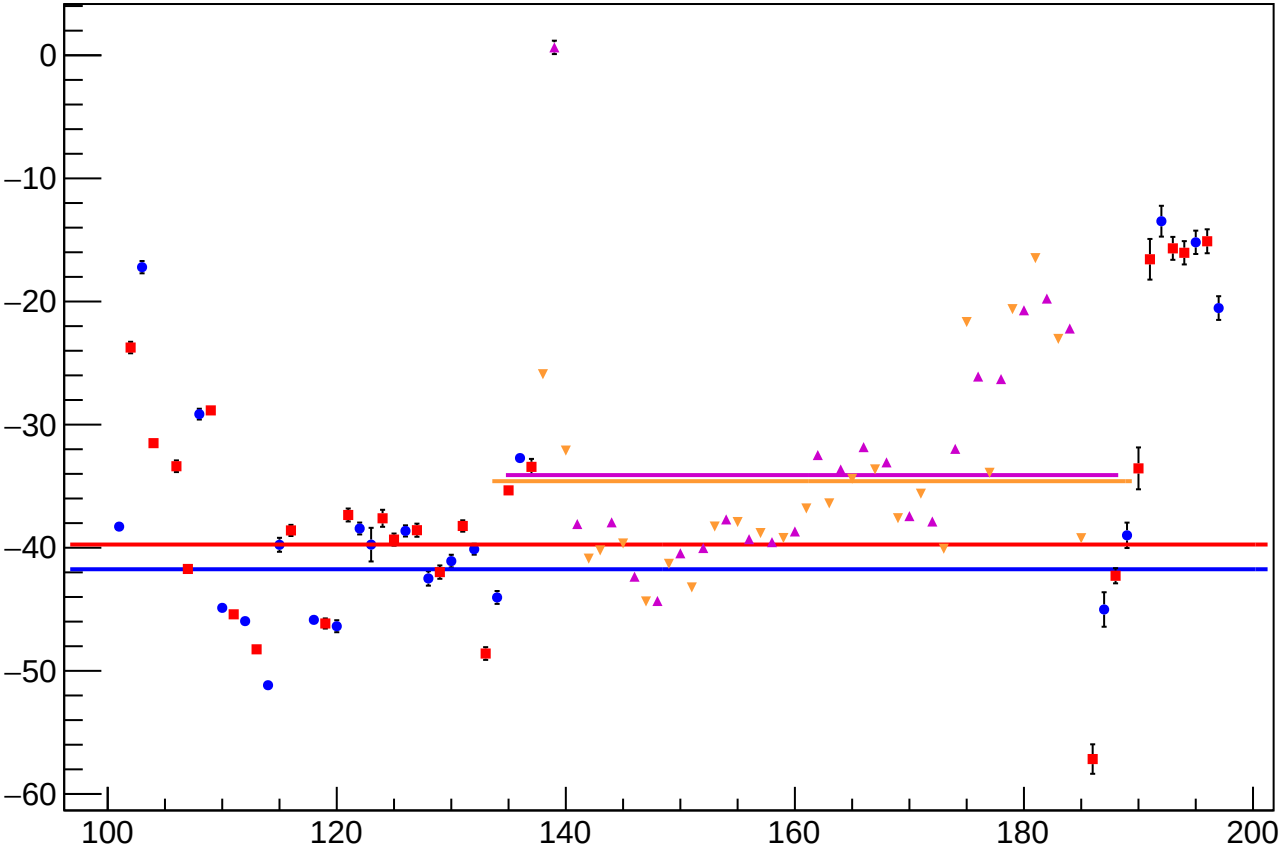
Left In: -2.876+/-0.055 χ^2/NDF:46380.9/22

+ sign -2.305+/-0.053 χ^2/NDF: 57529.6/29

All: -2.282+/-0.038 χ^2/NDF: 111017.4/59

- sign -2.257+/-0.054 χ^2/NDF: 53487.4/29

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -41.747+/-0.077 χ^2/NDF: 8396.2/21

Left Out: -34.594+/-0.042 χ^2/NDF:34404.6/24

Right Out: -39.739+/-0.071 χ^2/NDF: 13288.2/24

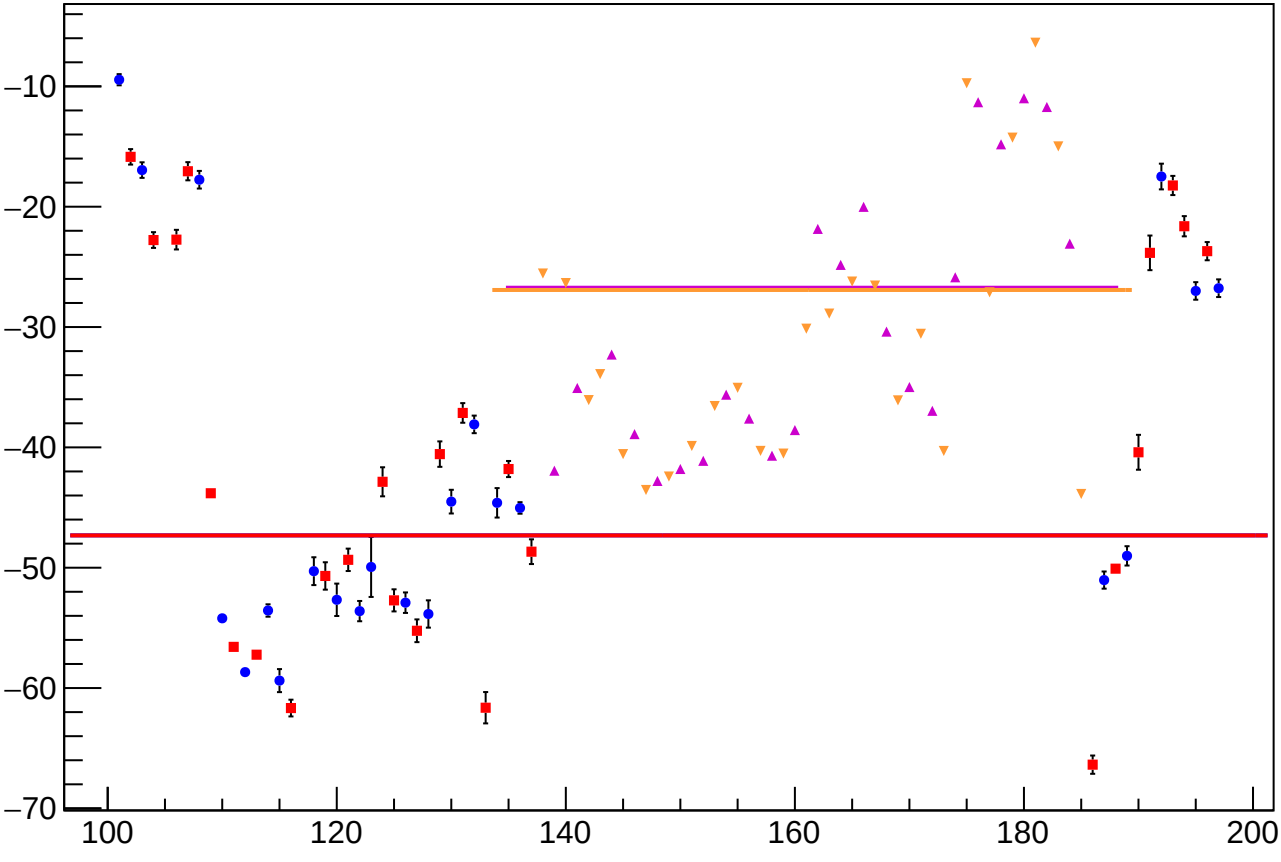
Left In: -34.099+/-0.044 χ^2/NDF:29370.6/22

+ sign -36.239+/-0.037 χ^2/NDF: 49484.7/46

All: -35.944+/-0.026 χ^2/NDF: 96797.0/94

- sign -35.641+/-0.037 χ^2/NDF: 47182.6/47

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -47.312+/-0.117 χ^2/NDF: 17158.9/21

Left Out: -26.920+/-0.053 χ^2/NDF:49198.9/24

Right Out: -47.316+/-0.099 χ^2/NDF: 15393.2/24

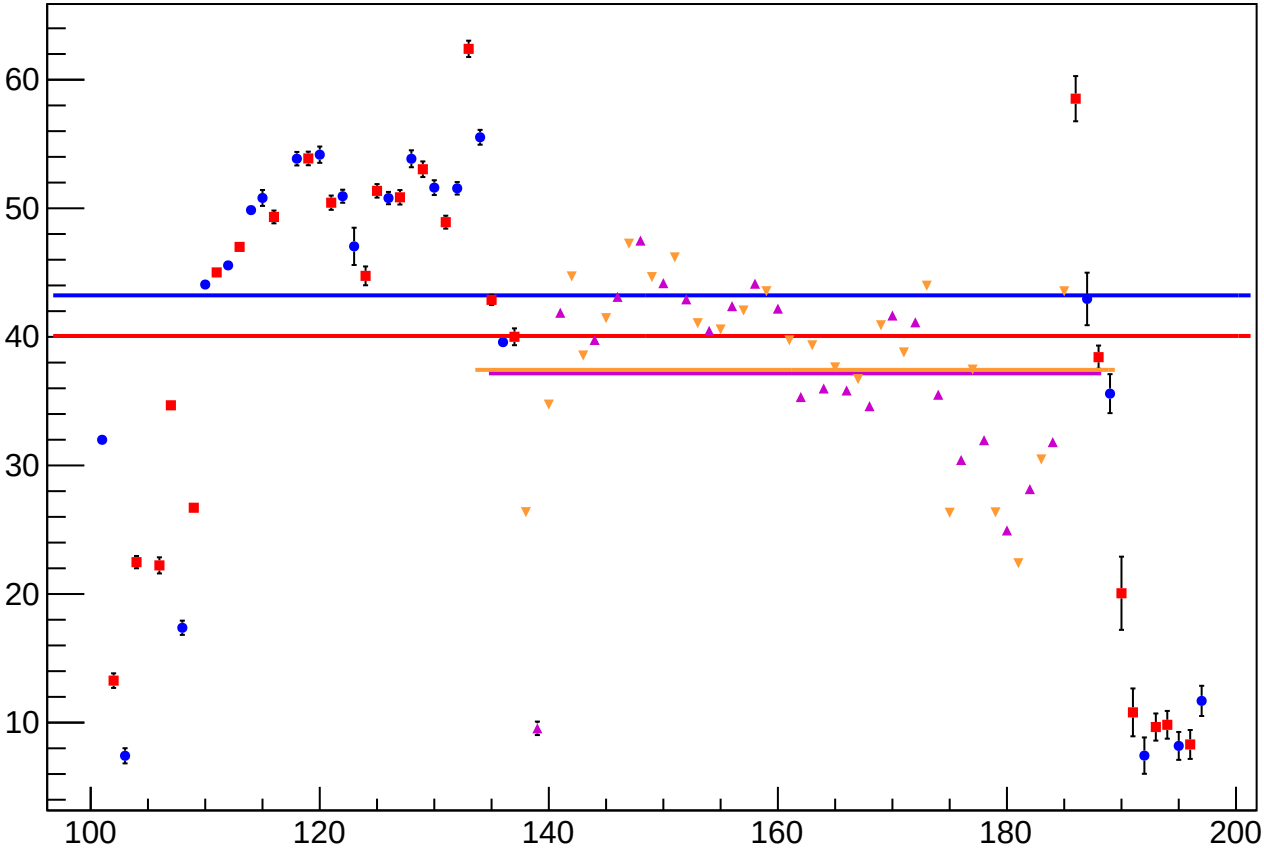
Left In: -26.733+/-0.055 χ^2/NDF:42643.0/22

+ sign -30.415+/-0.049 χ^2/NDF: 91413.3/46

All: -30.998+/-0.034 χ^2/NDF: 182945.7/94

- sign -31.565+/-0.048 χ^2/NDF: 91247.8/47

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.228+/-0.086 χ^2/NDF: 13108.6/21

Left Out: 37.435+/-0.047 χ^2/NDF:21517.4/24

Right Out: 40.069+/-0.079 χ^2/NDF: 19828.6/24

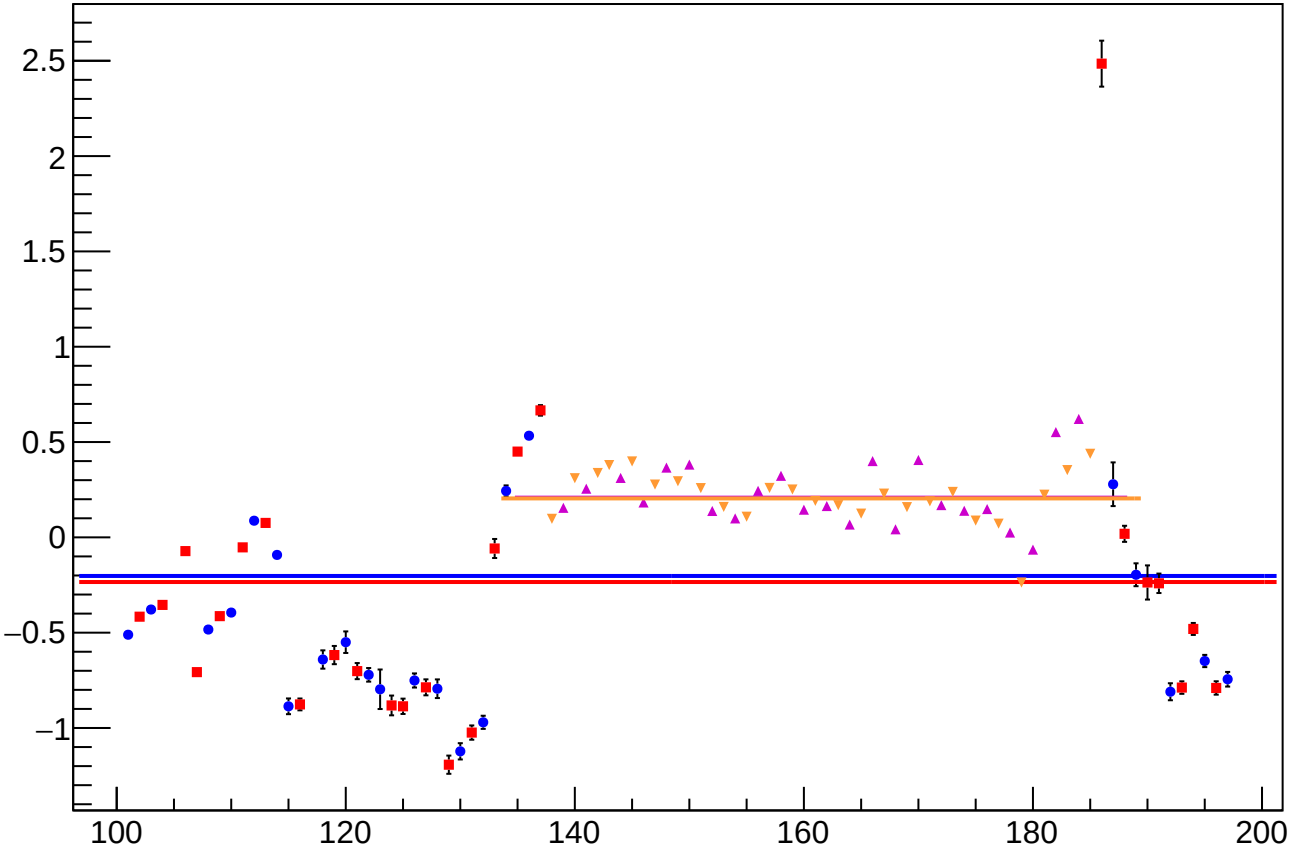
Left In: 37.164+/-0.049 χ^2/NDF:17427.3/22

+ sign 38.788+/-0.041 χ^2/NDF: 38124.0/46

All: 38.383+/-0.029 χ^2/NDF: 76545.5/94

- sign 37.972+/-0.042 χ^2/NDF: 38229.2/47

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.202+/-0.005 χ^2/NDF: 7997.6/21

Left Out: 0.204+/-0.002 χ^2/NDF:3801.8/24

Right Out: -0.234+/-0.004 χ^2/NDF: 8617.6/24

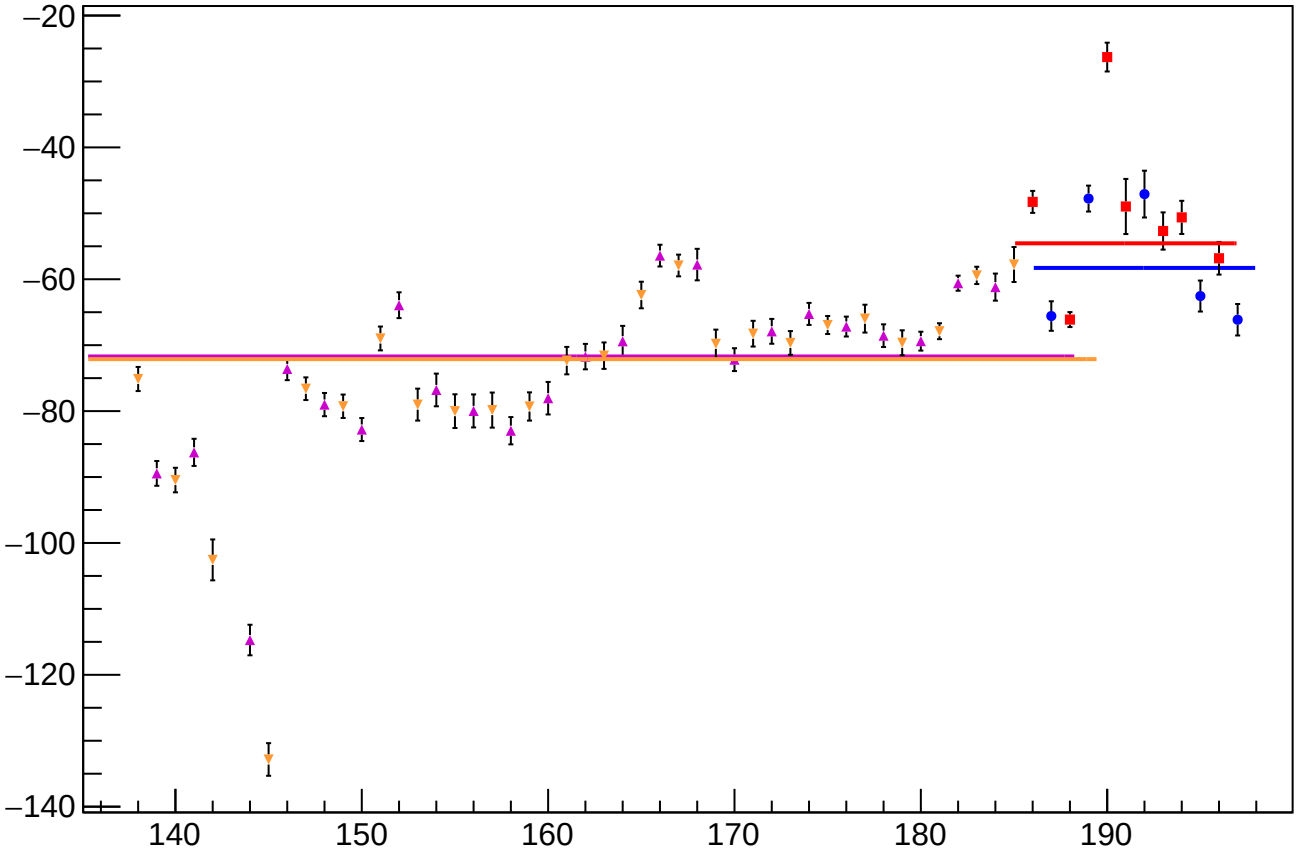
Left In: 0.208+/-0.002 χ^2/NDF:5095.2/22

+ sign 0.132+/-0.002 χ^2/NDF: 17963.4/46

All: 0.121+/-0.001 χ^2/NDF: 40507.5/94

- sign 0.109+/-0.002 χ^2/NDF: 22476.2/47

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -58.281+/-1.058 χ^2/NDF: 63.3/4

Left Out: -72.115+/-0.383 χ^2/NDF:1125.2/23

Right Out: -54.550+/-0.735 χ^2/NDF: 290.7/6

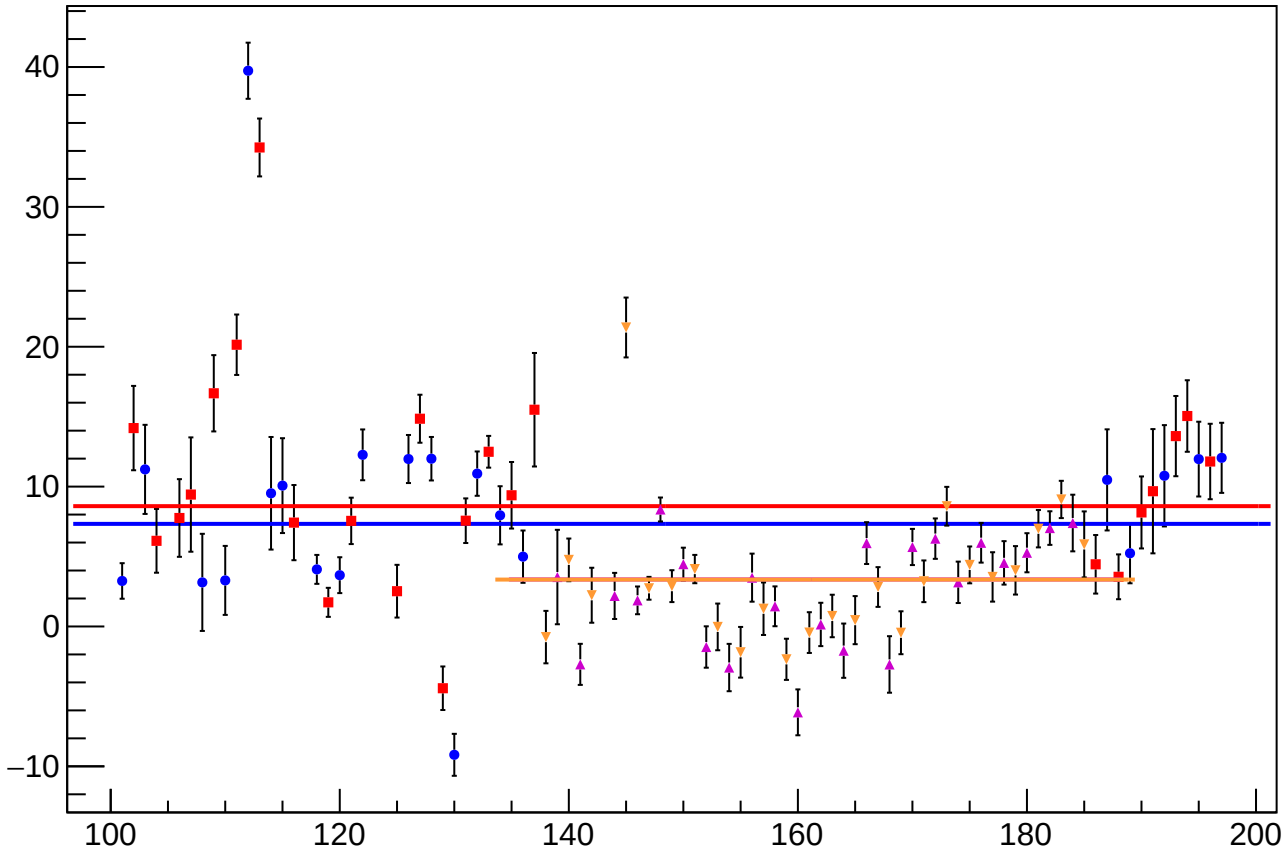
Left In: -71.713+/-0.380 χ^2/NDF:884.6/22

+ sign -70.513+/-0.360 χ^2/NDF: 1339.7/28

All: -69.225+/-0.246 χ^2/NDF: 2969.0/58

- sign -68.090+/-0.338 χ^2/NDF: 1605.1/29

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.335+/-0.409 χ^2/NDF: 456.4/20

Left Out: 3.353+/-0.295 χ^2/NDF:167.8/23

Right Out: 8.602+/-0.402 χ^2/NDF: 373.7/23

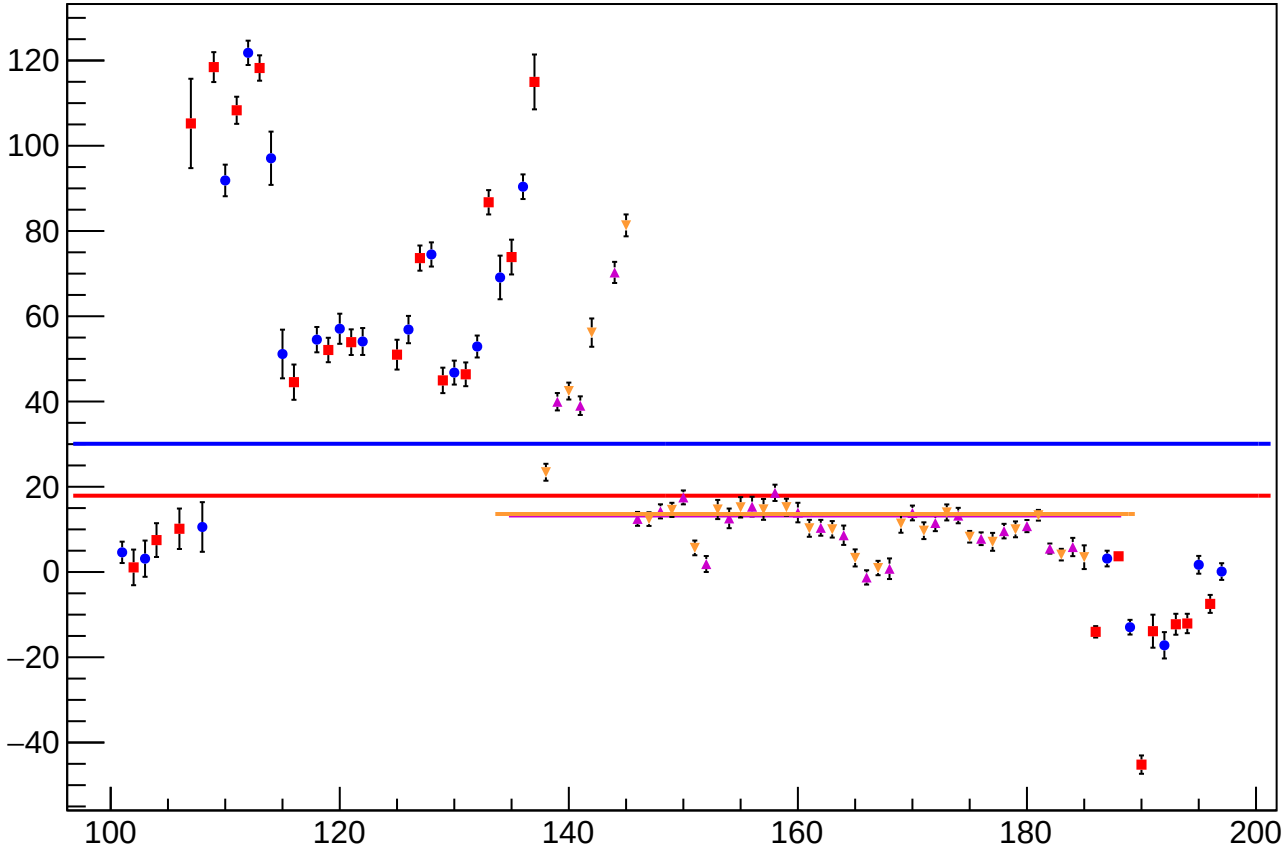
Left In: 3.360+/-0.298 χ^2/NDF:164.5/22

+ sign 4.715+/-0.239 χ^2/NDF: 686.7/44

All: 4.964+/-0.169 χ^2/NDF: 1336.9/91

- sign 5.213+/-0.239 χ^2/NDF: 648.0/46

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 30.083+/-0.612 χ^2/NDF: 4189.1/20

Left Out: 13.610+/-0.382 χ^2/NDF:1303.3/23

Right Out: 17.904+/-0.499 χ^2/NDF: 7022.6/23

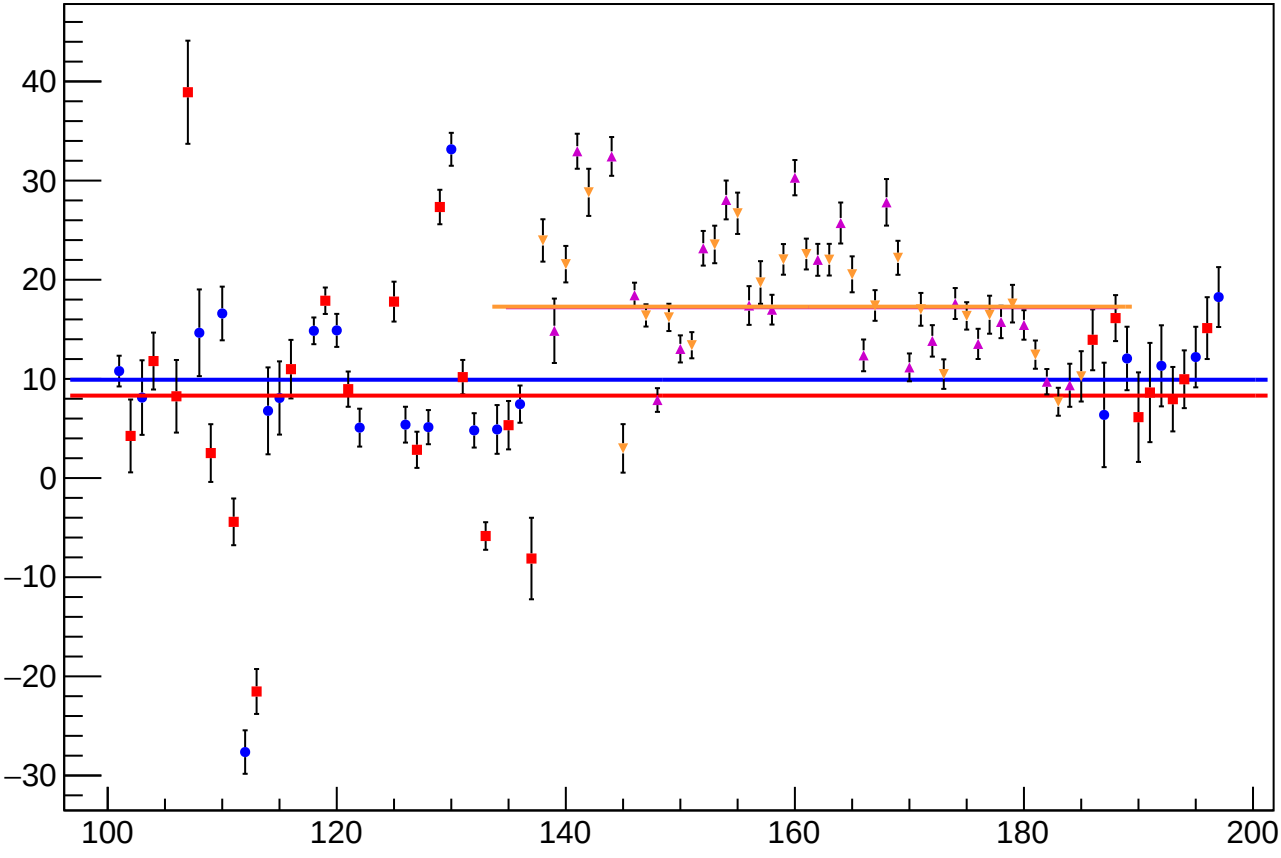
Left In: 13.262+/-0.379 χ^2/NDF:1077.0/22

+ sign 18.228+/-0.324 χ^2/NDF: 6014.6/44

All: 16.476+/-0.221 χ^2/NDF: 14223.7/91

- sign 14.956+/-0.302 χ^2/NDF: 8154.4/46

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.915+/-0.477 χ^2/NDF: 564.1/20

Left Out: 17.285+/-0.337 χ^2/NDF:244.0/23

Right Out: 8.315+/-0.474 χ^2/NDF: 589.4/23

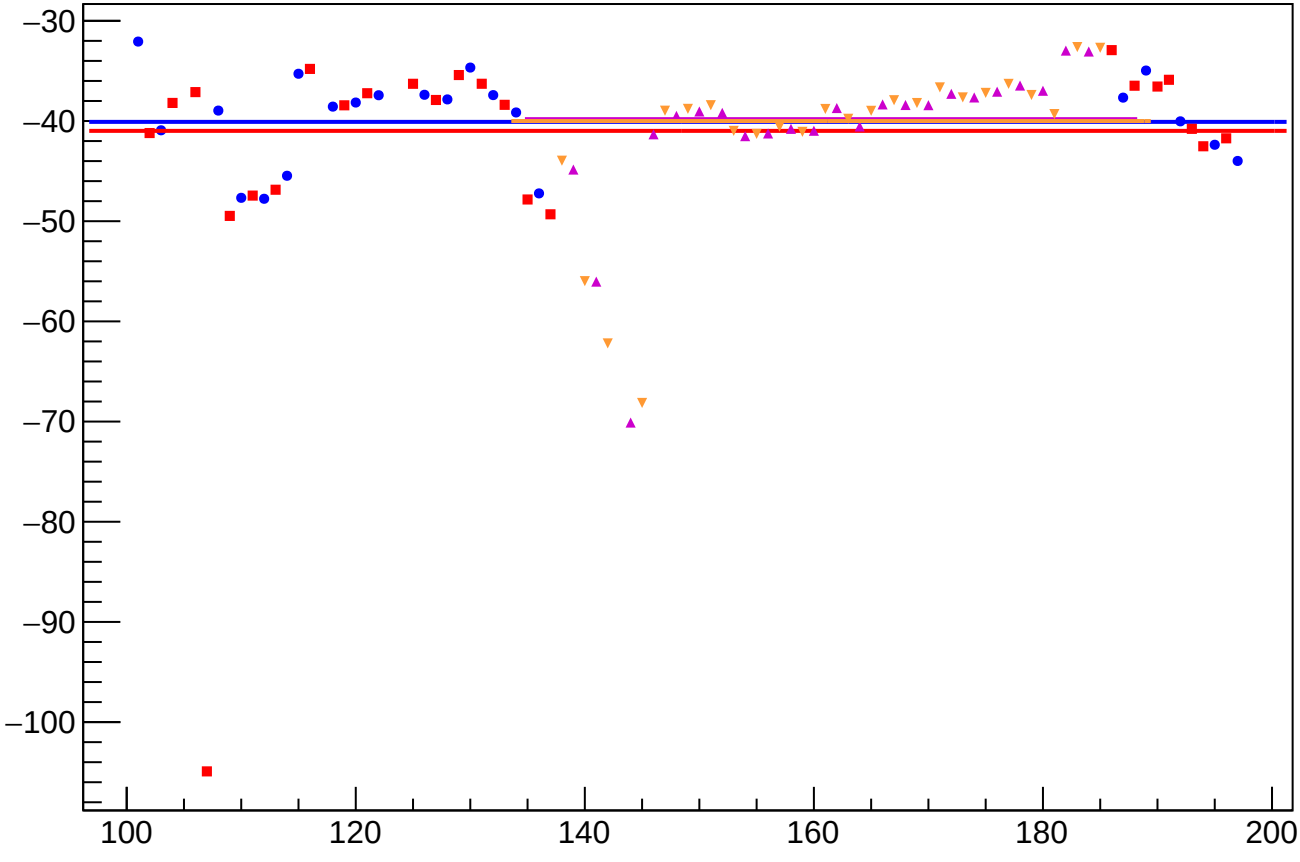
Left In: 17.224+/-0.339 χ^2/NDF:442.2/22

+ sign 14.832+/-0.275 χ^2/NDF: 967.2/44

All: 14.526+/-0.195 χ^2/NDF: 2235.0/91

- sign 14.218+/-0.276 χ^2/NDF: 1265.3/46

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -40.085+/-0.027 χ^2/NDF: 30341.1/20

Left Out: -40.002+/-0.016 χ^2/NDF:172150.1/23

Right Out: -40.983+/-0.025 χ^2/NDF: 99720.2/23

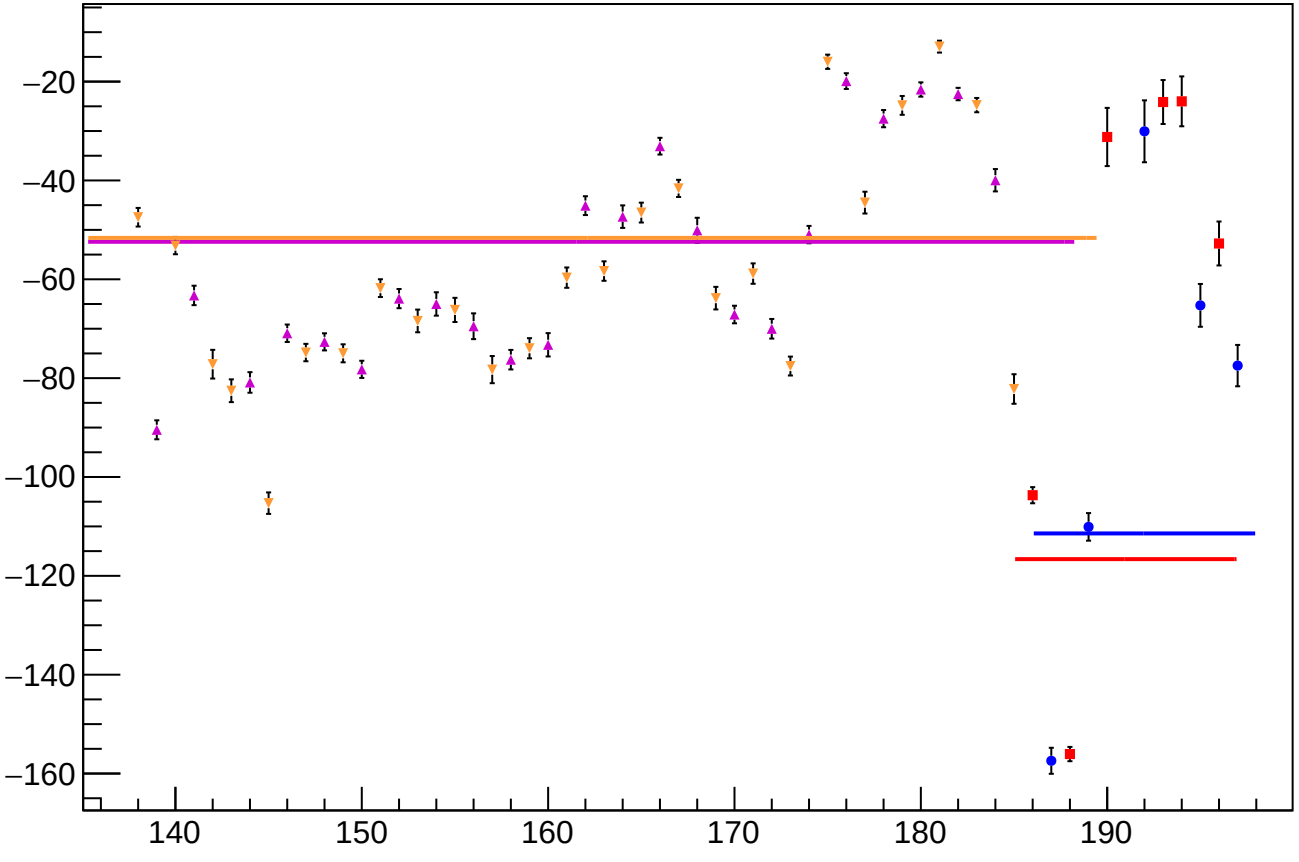
Left In: -39.813+/-0.016 χ^2/NDF:145790.5/22

+ sign -40.023+/-0.014 χ^2/NDF: 202498.4/44

All: -40.082+/-0.009 χ^2/NDF: 449607.1/91

- sign -40.137+/-0.013 χ^2/NDF: 247072.5/46

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -111.419+/-1.564 χ^2/NDF: 653.9/4

Left Out: -51.622+/-0.383 χ^2/NDF:4133.0/24

Right Out: -116.618+/-0.988 χ^2/NDF: 1993.8/5

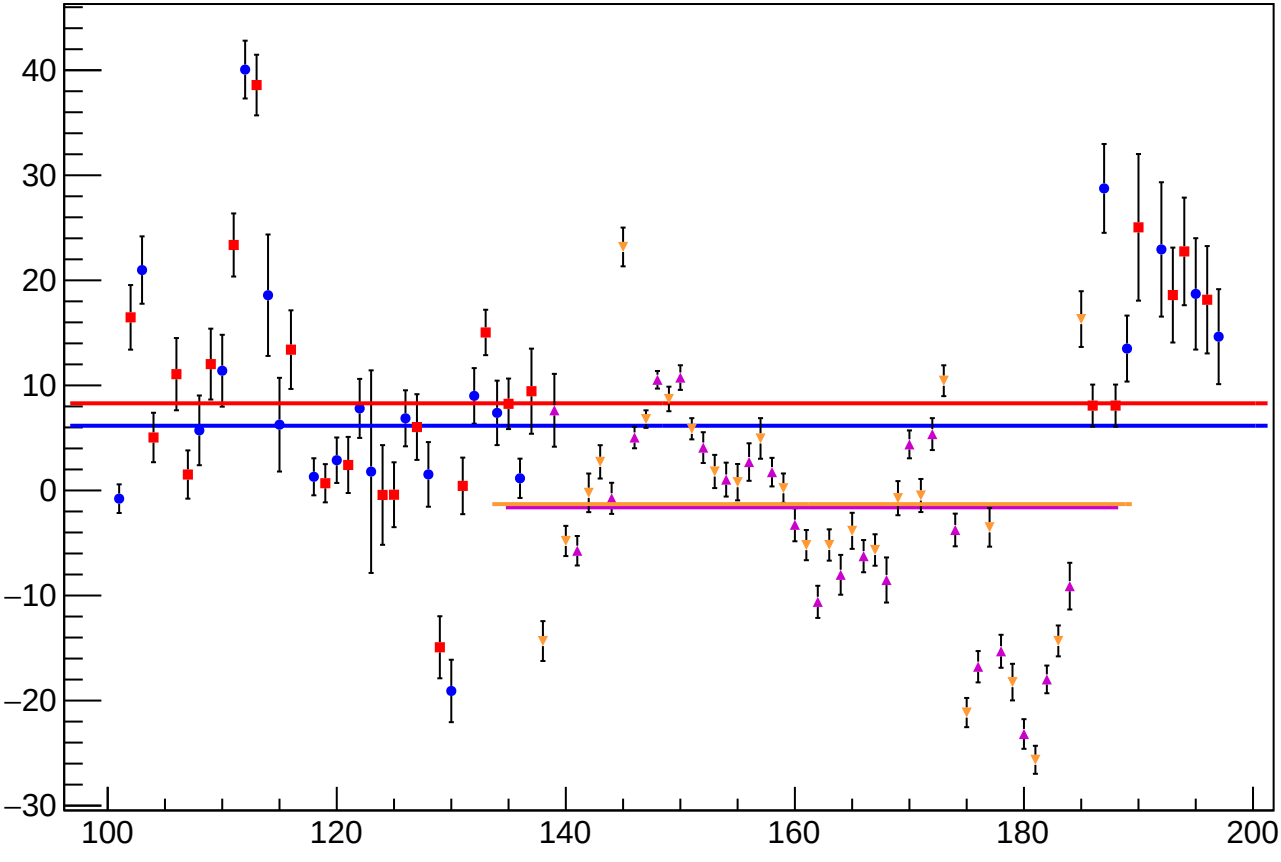
Left In: -52.409+/-0.387 χ^2/NDF:3378.7/22

+ sign -55.011+/-0.372 χ^2/NDF: 6165.1/29

All: -58.077+/-0.259 χ^2/NDF: 15327.1/58

- sign -60.950+/-0.361 χ^2/NDF: 9030.8/28

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 6.159+/-0.592 χ^2/NDF: 349.6/21

Left Out: -1.300+/-0.293 χ^2/NDF:1315.7/24

Right Out: 8.296+/-0.578 χ^2/NDF: 293.8/23

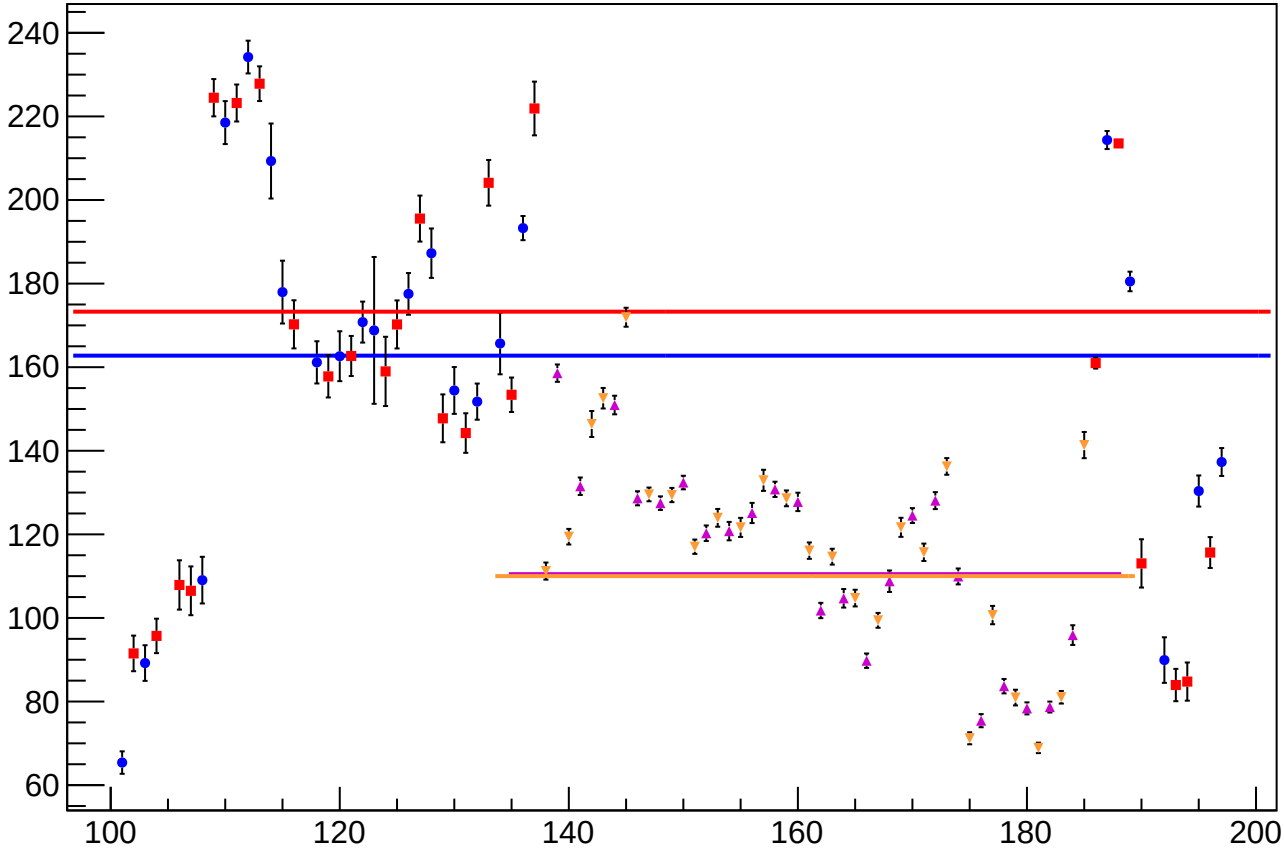
Left In: -1.608+/-0.299 χ^2/NDF:1097.4/22

+ sign 0.166+/-0.262 χ^2/NDF: 1793.1/46

All: 0.324+/-0.187 χ^2/NDF: 3416.4/93

- sign 0.488+/-0.266 χ^2/NDF: 1622.6/46

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 162.760+/-0.859 χ^2/NDF: 3274.8/21

Left Out: 110.012+/-0.383 χ^2/NDF:4537.0/24

Right Out: 173.285+/-0.665 χ^2/NDF: 4165.3/23

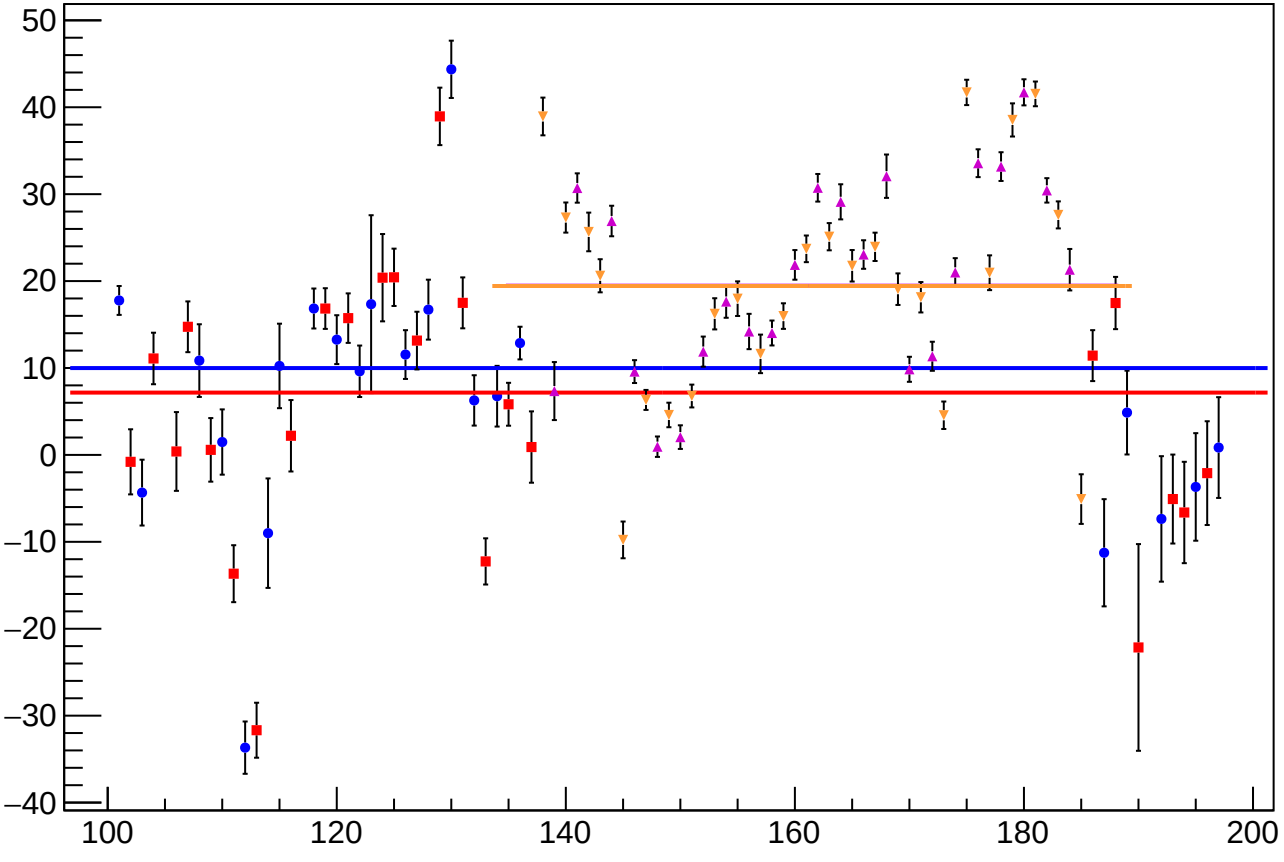
Left In: 110.482+/-0.385 χ^2/NDF:3824.9/22

+ sign 118.751+/-0.350 χ^2/NDF: 10958.3/46

All: 122.674+/-0.241 χ^2/NDF: 25872.5/93

- sign 126.232+/-0.333 χ^2/NDF: 14674.1/46

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 9.992+/-0.689 χ^2/NDF: 415.8/21

Left Out: 19.434+/-0.336 χ^2/NDF:1452.3/24

Right Out: 7.170+/-0.689 χ^2/NDF: 458.2/23

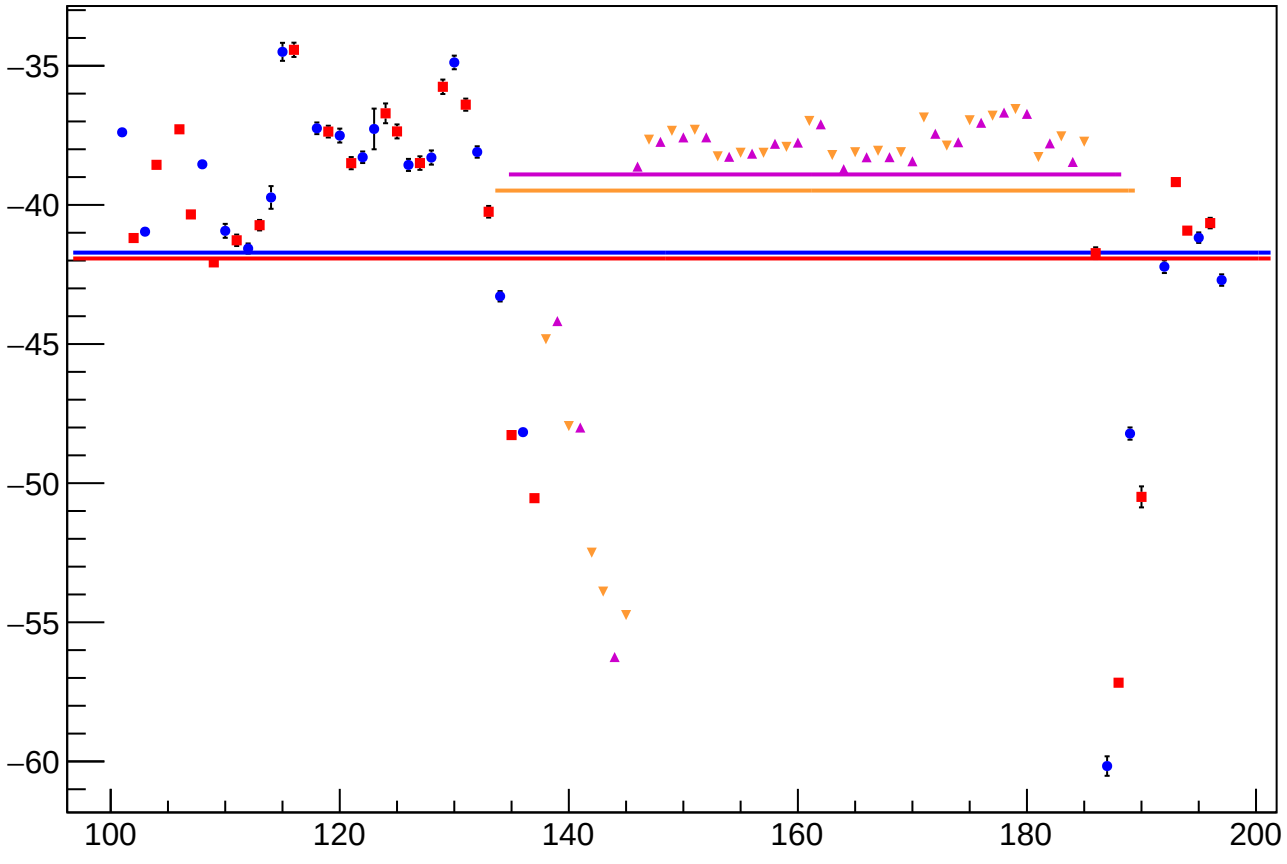
Left In: 19.472+/-0.342 χ^2/NDF:1188.2/22

+ sign 17.622+/-0.302 χ^2/NDF: 2020.1/46

All: 17.336+/-0.215 χ^2/NDF: 3924.5/93

- sign 17.042+/-0.306 χ^2/NDF: 1902.6/46

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.714+/-0.036 χ^2/NDF: 16393.8/21

Left Out: -39.484+/-0.016 χ^2/NDF:88877.3/24

Right Out: -41.925+/-0.035 χ^2/NDF: 22343.7/23

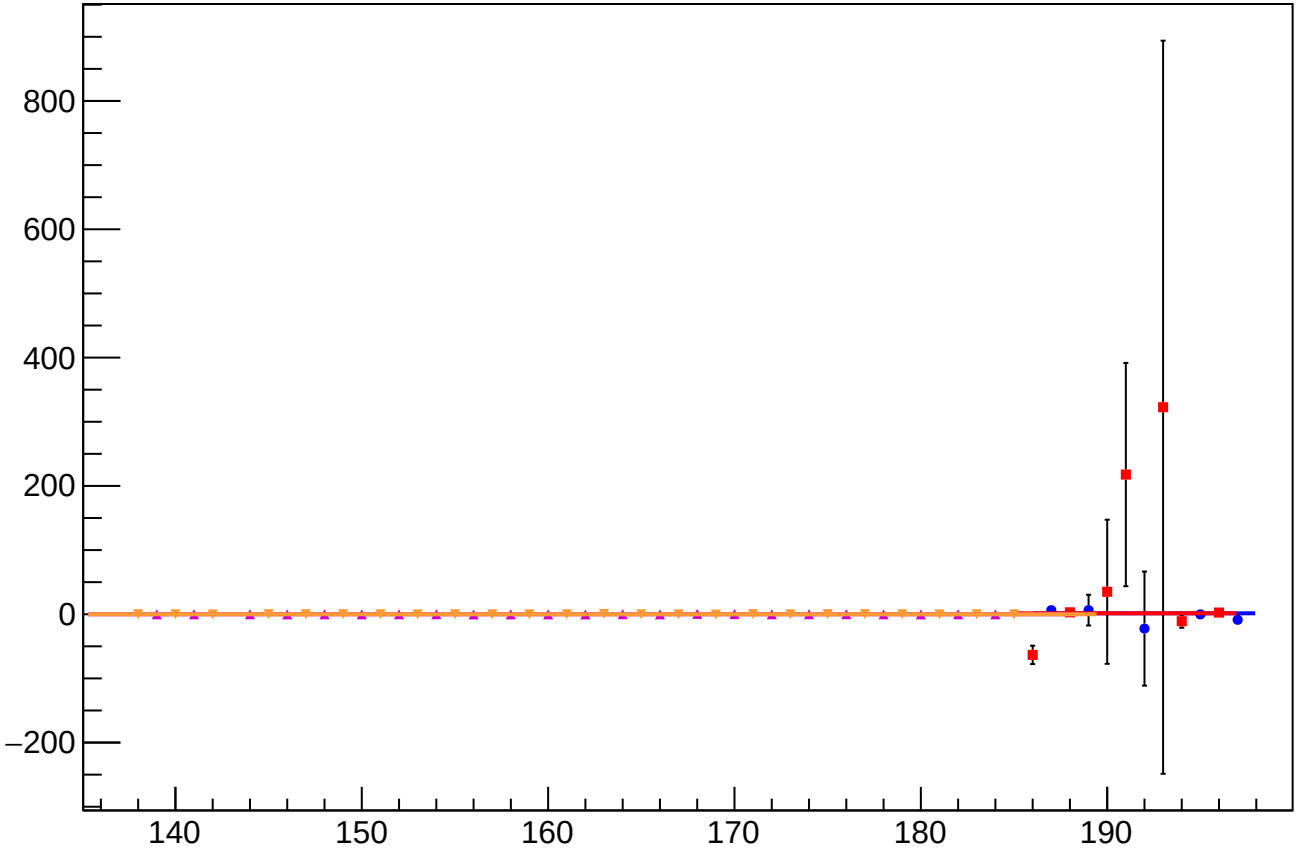
Left In: -38.905+/-0.016 χ^2/NDF:54282.7/22

+ sign -39.844+/-0.014 χ^2/NDF: 108501.5/46

All: -39.634+/-0.010 χ^2/NDF: 191847.5/93

- sign -39.425+/-0.014 χ^2/NDF: 82922.6/46

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 1.465+/-2.231 χ^2/NDF: 7.6/4

Left Out: -0.089+/-0.022 χ^2/NDF:40.0/23

Right Out: 1.499+/-1.790 χ^2/NDF: 24.5/6

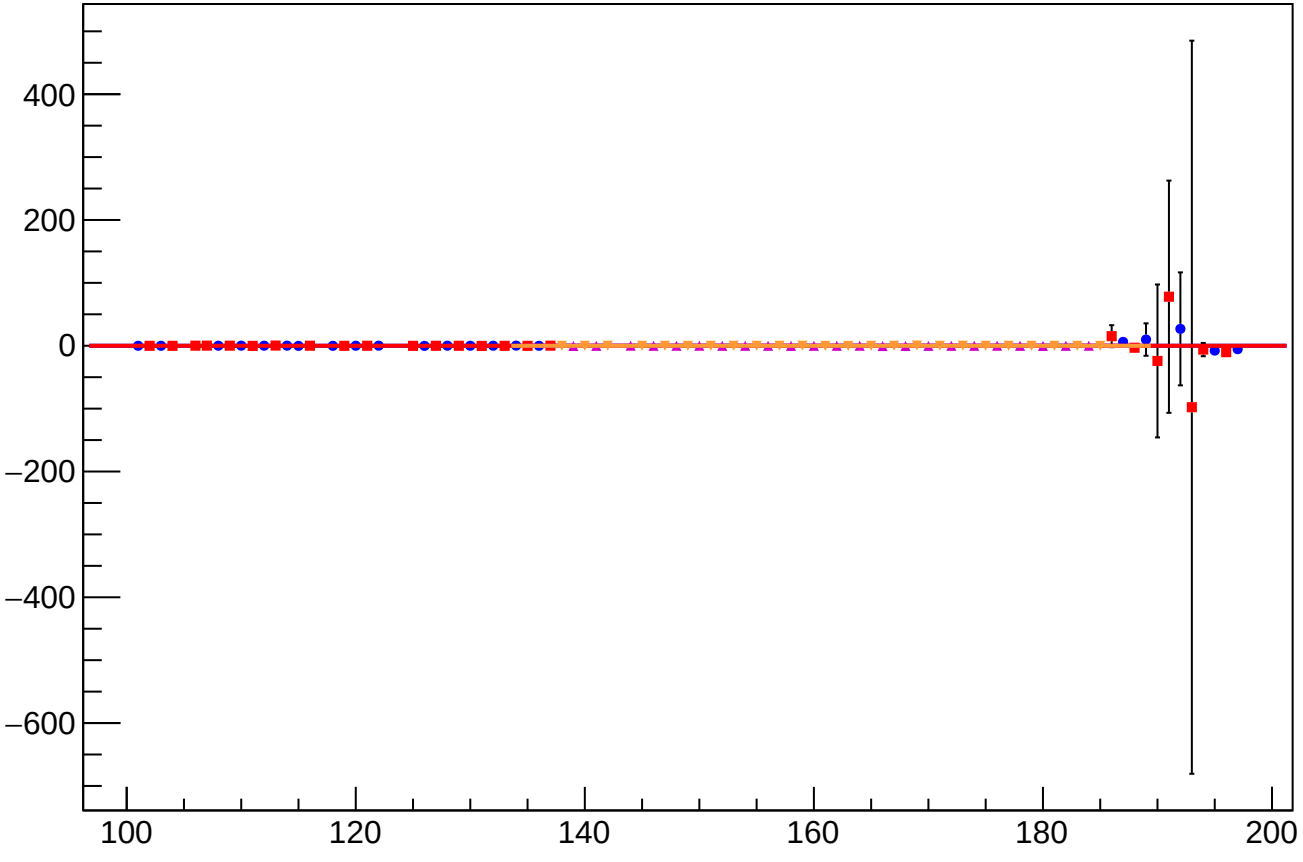
Left In: -0.026+/-0.022 χ^2/NDF:32.3/22

+ sign -0.089+/-0.022 χ^2/NDF: 48.1/28

All: -0.057+/-0.016 χ^2/NDF: 109.7/58

- sign -0.025+/-0.022 χ^2/NDF: 57.5/29

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.001+/-0.028 χ^2/NDF: 17.4/20

Left Out: -0.081+/-0.017 χ^2/NDF:25.8/23

Right Out: -0.052+/-0.029 χ^2/NDF: 26.5/23

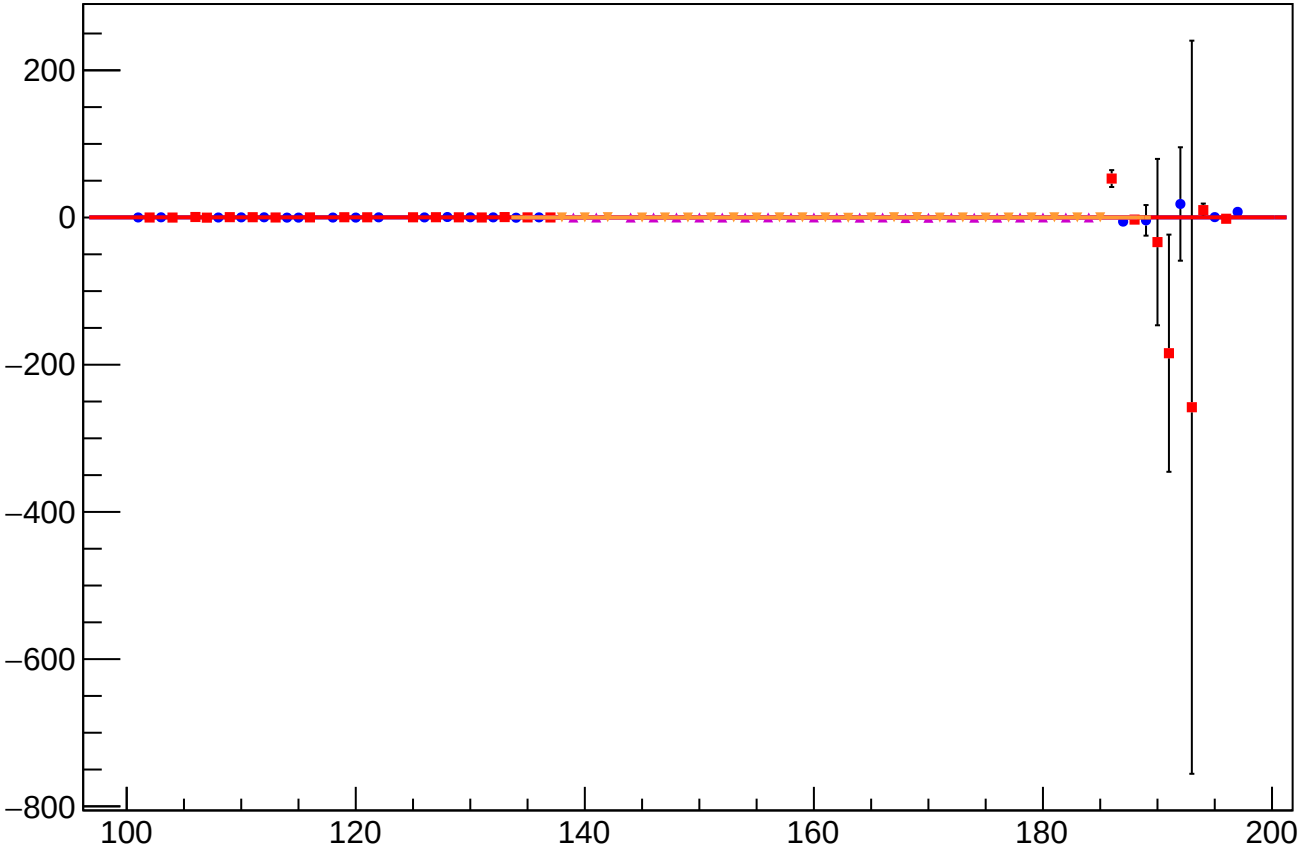
Left In: -0.055+/-0.018 χ^2/NDF:32.2/22

+ sign -0.058+/-0.015 χ^2/NDF: 49.3/44

All: -0.056+/-0.011 χ^2/NDF: 108.0/91

- sign -0.054+/-0.015 χ^2/NDF: 58.7/46

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.170+/-0.052 χ^2/NDF: 23.2/20

Left Out: 0.082+/-0.022 χ^2/NDF:38.7/23

Right Out: 0.237+/-0.054 χ^2/NDF: 44.9/23

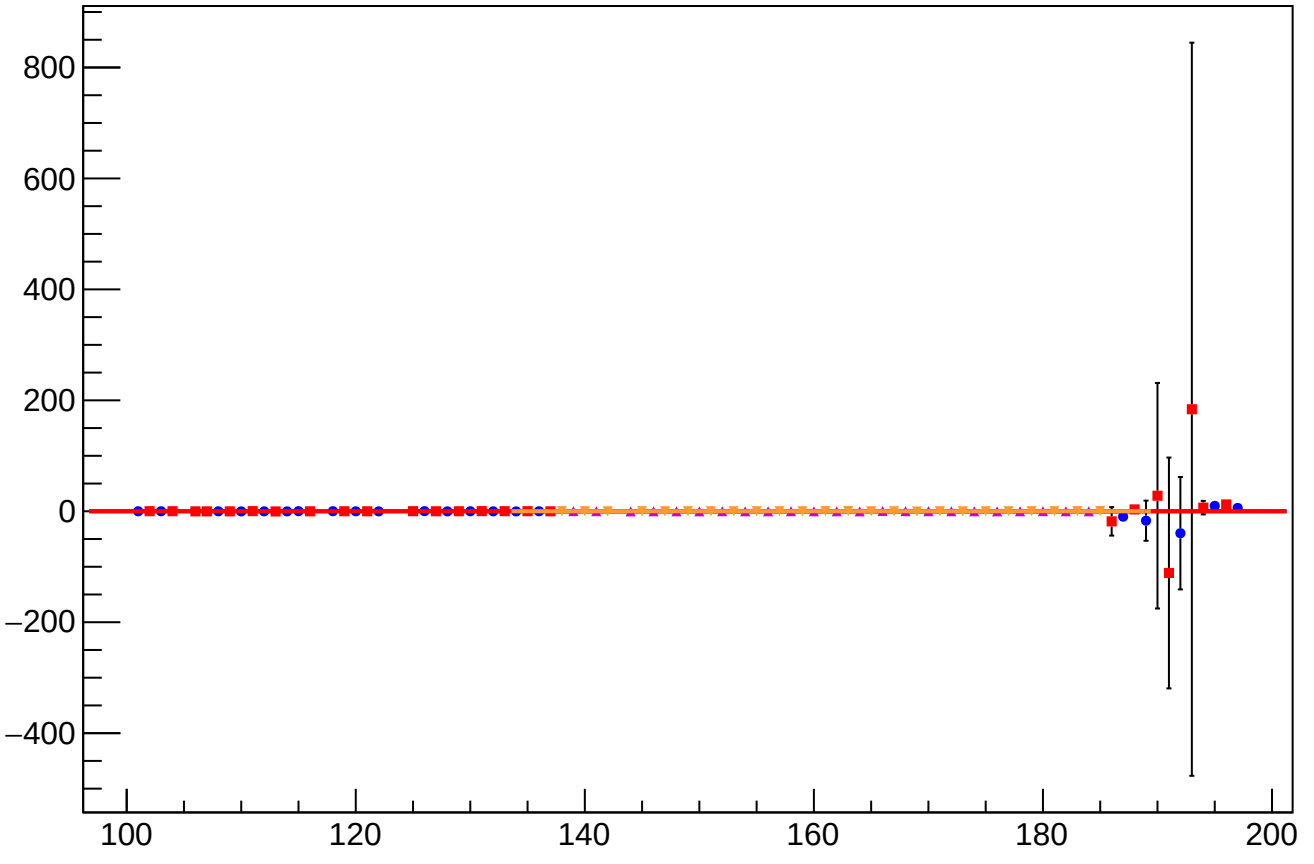
Left In: 0.020+/-0.022 χ^2/NDF:34.5/22

+ sign 0.095+/-0.020 χ^2/NDF: 64.3/44

All: 0.073+/-0.014 χ^2/NDF: 159.9/91

- sign 0.051+/-0.020 χ^2/NDF: 93.3/46

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011+/-0.033 χ^2/NDF: 19.0/20

Left Out: 0.105+/-0.020 χ^2/NDF:29.5/23

Right Out: 0.059+/-0.034 χ^2/NDF: 25.1/23

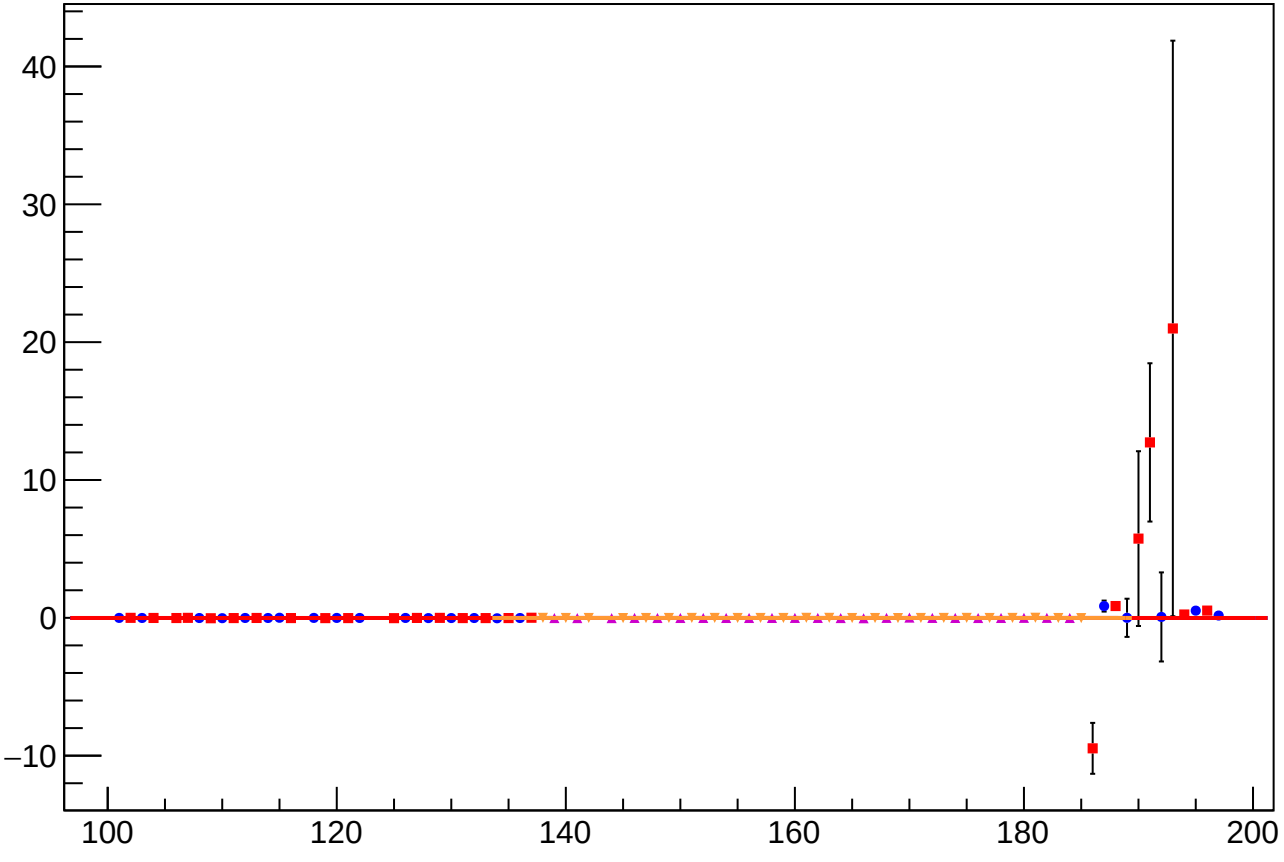
Left In: 0.072+/-0.020 χ^2/NDF:31.7/22

+ sign 0.074+/-0.017 χ^2/NDF: 57.8/44

All: 0.072+/-0.012 χ^2/NDF: 114.7/91

- sign 0.069+/-0.017 χ^2/NDF: 56.9/46

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012+/-0.002 χ^2/NDF: 25.3/20

Left Out: -0.008+/-0.001 χ^2/NDF:30.7/23

Right Out: -0.011+/-0.002 χ^2/NDF: 77.4/23

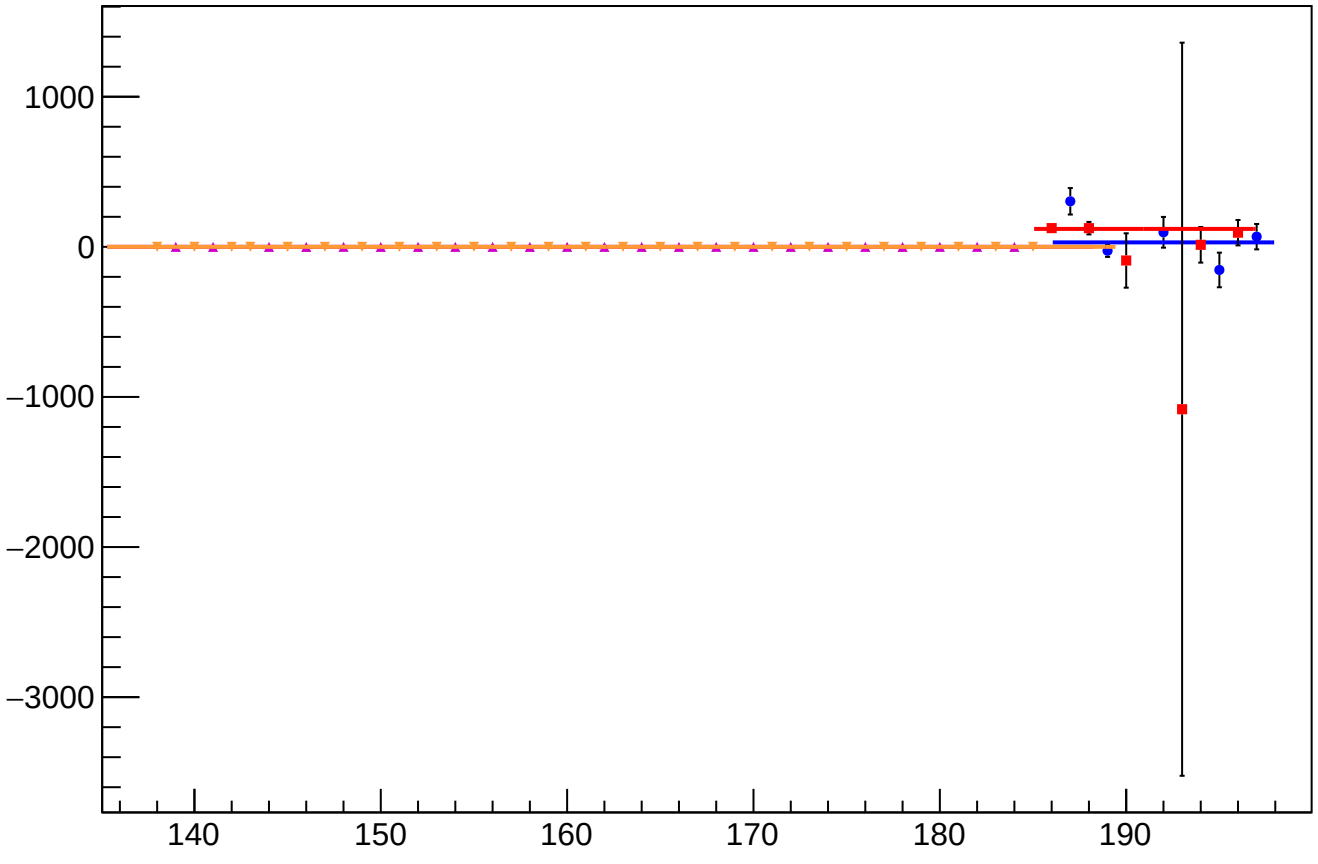
Left In: -0.009+/-0.001 χ^2/NDF:42.1/22

+ sign -0.009+/-0.001 χ^2/NDF: 59.5/44

All: -0.009+/-0.001 χ^2/NDF: 180.1/91

- sign -0.009+/-0.001 χ^2/NDF: 120.4/46

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 29.623+/-31.094 χ^2/NDF: 14.7/4

Left Out: 0.013+/-0.027 χ^2/NDF:29.2/24

Right Out: 119.463+/-16.572 χ^2/NDF: 2.6/5

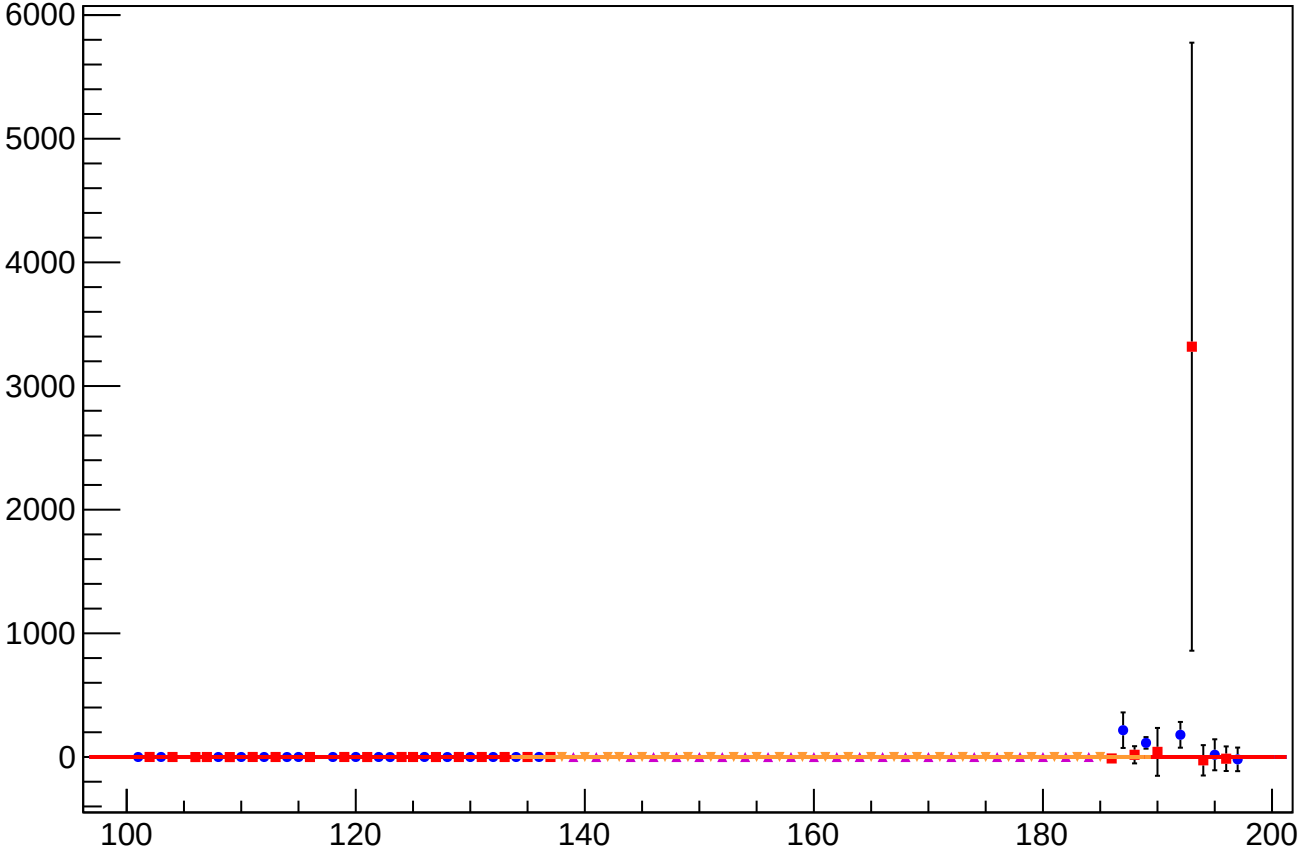
Left In: 0.004+/-0.028 χ^2/NDF:28.2/22

+ sign 0.013+/-0.027 χ^2/NDF: 44.7/29

All: 0.009+/-0.019 χ^2/NDF: 127.5/58

- sign 0.005+/-0.028 χ^2/NDF: 82.7/28

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024+/-0.037 χ^2/NDF: 34.6/21

Left Out: -0.058+/-0.021 χ^2/NDF:25.4/24

Right Out: -0.128+/-0.039 χ^2/NDF: 19.7/23

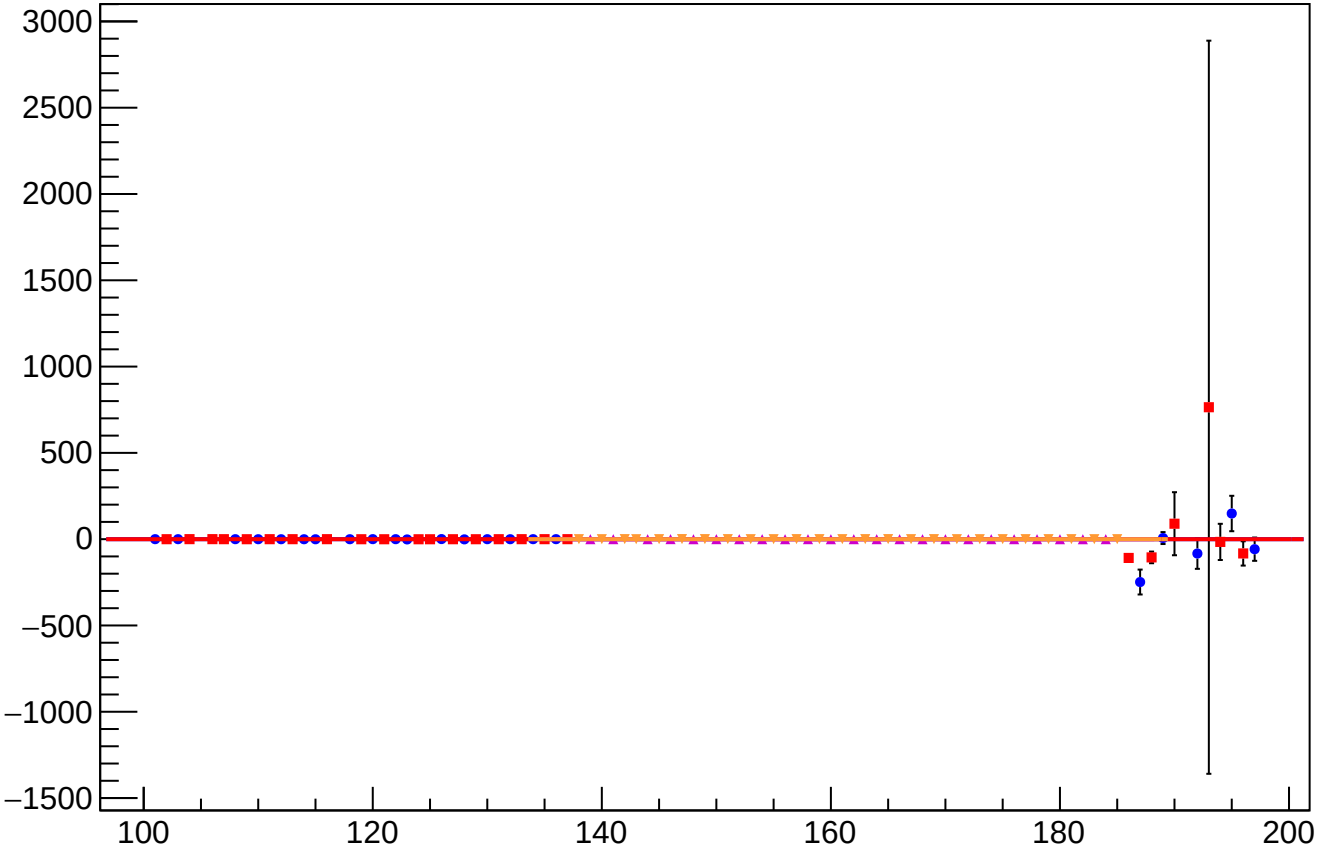
Left In: -0.072+/-0.022 χ^2/NDF:48.7/22

+ sign -0.049+/-0.018 χ^2/NDF: 60.6/46

All: -0.066+/-0.013 χ^2/NDF: 132.4/93

- sign -0.085+/-0.019 χ^2/NDF: 70.0/46

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.130+/-0.067 χ^2/NDF: 39.3/21

Left Out: -0.015+/-0.027 χ^2/NDF:27.0/24

Right Out: -0.176+/-0.071 χ^2/NDF: 69.6/23

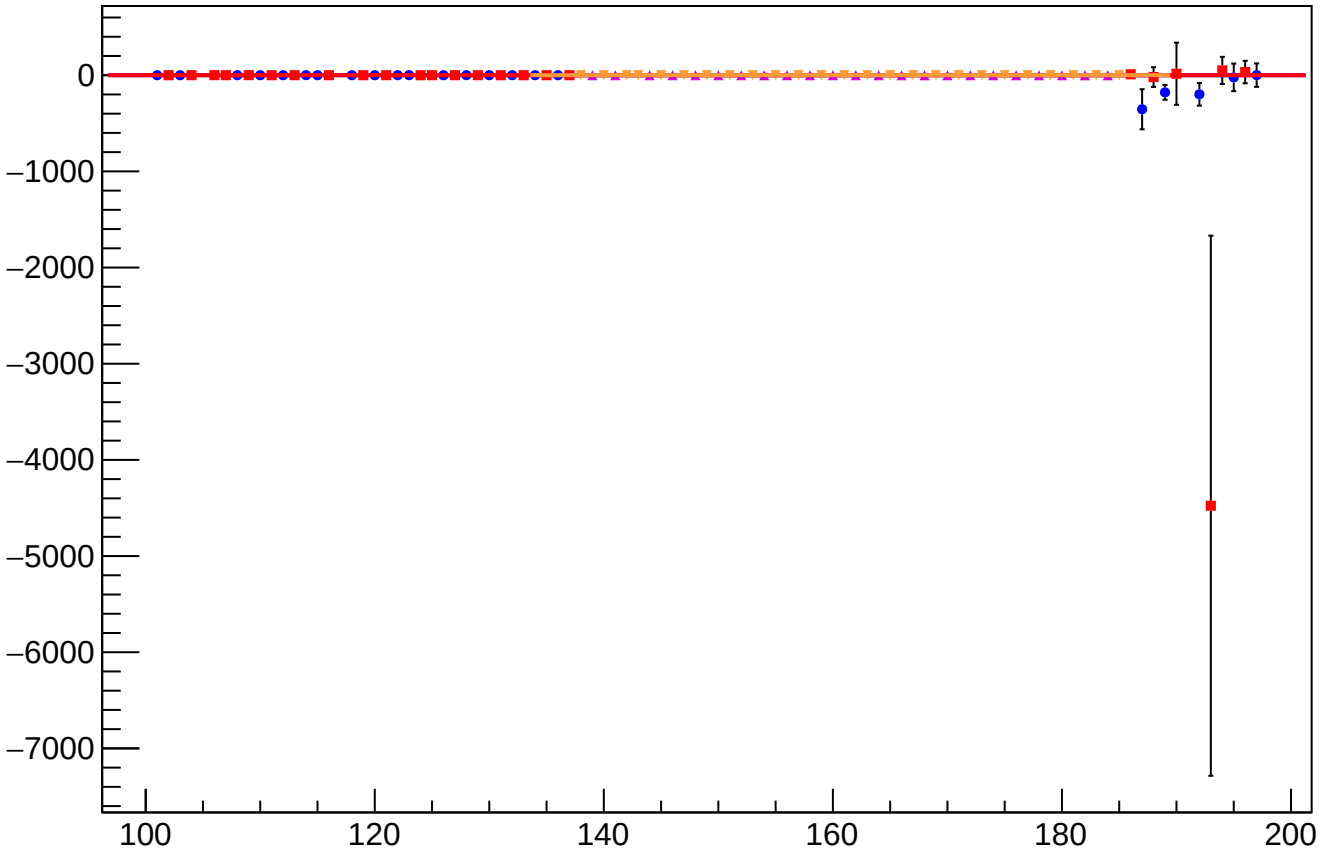
Left In: -0.035+/-0.027 χ^2/NDF:27.7/22

+ sign -0.031+/-0.025 χ^2/NDF: 68.9/46

All: -0.042+/-0.018 χ^2/NDF: 170.1/93

- sign -0.053+/-0.026 χ^2/NDF: 100.8/46

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021+/-0.042 χ^2/NDF: 33.7/21

Left Out: 0.062+/-0.024 χ^2/NDF:25.0/24

Right Out: 0.152+/-0.045 χ^2/NDF: 18.6/23

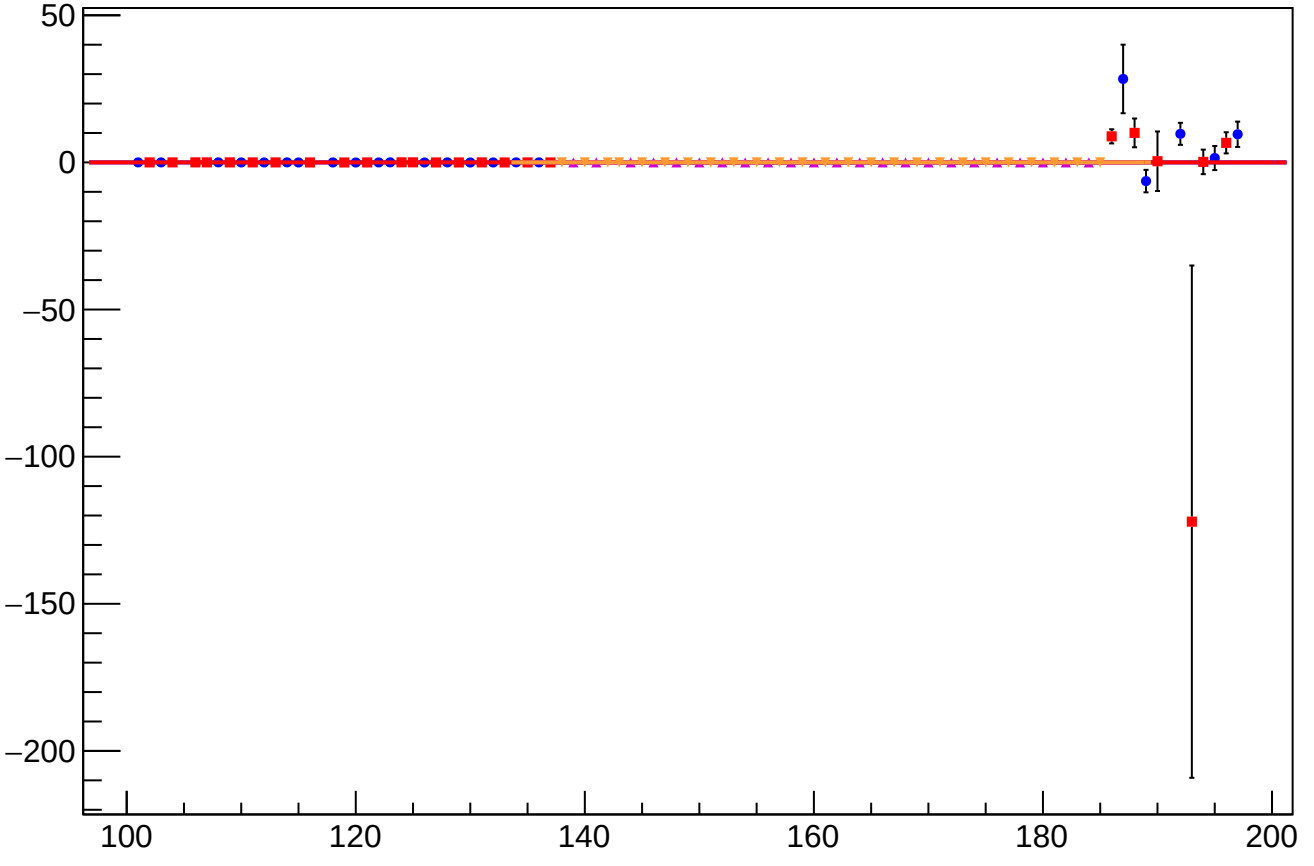
Left In: 0.069+/-0.025 χ^2/NDF:51.4/22

+ sign 0.052+/-0.021 χ^2/NDF: 59.4/46

All: 0.069+/-0.015 χ^2/NDF: 133.5/93

- sign 0.088+/-0.022 χ^2/NDF: 72.6/46

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF: 52.9/21

Left Out: 0.008+/-0.001 χ^2/NDF:25.9/24

Right Out: 0.002+/-0.002 χ^2/NDF: 43.8/23

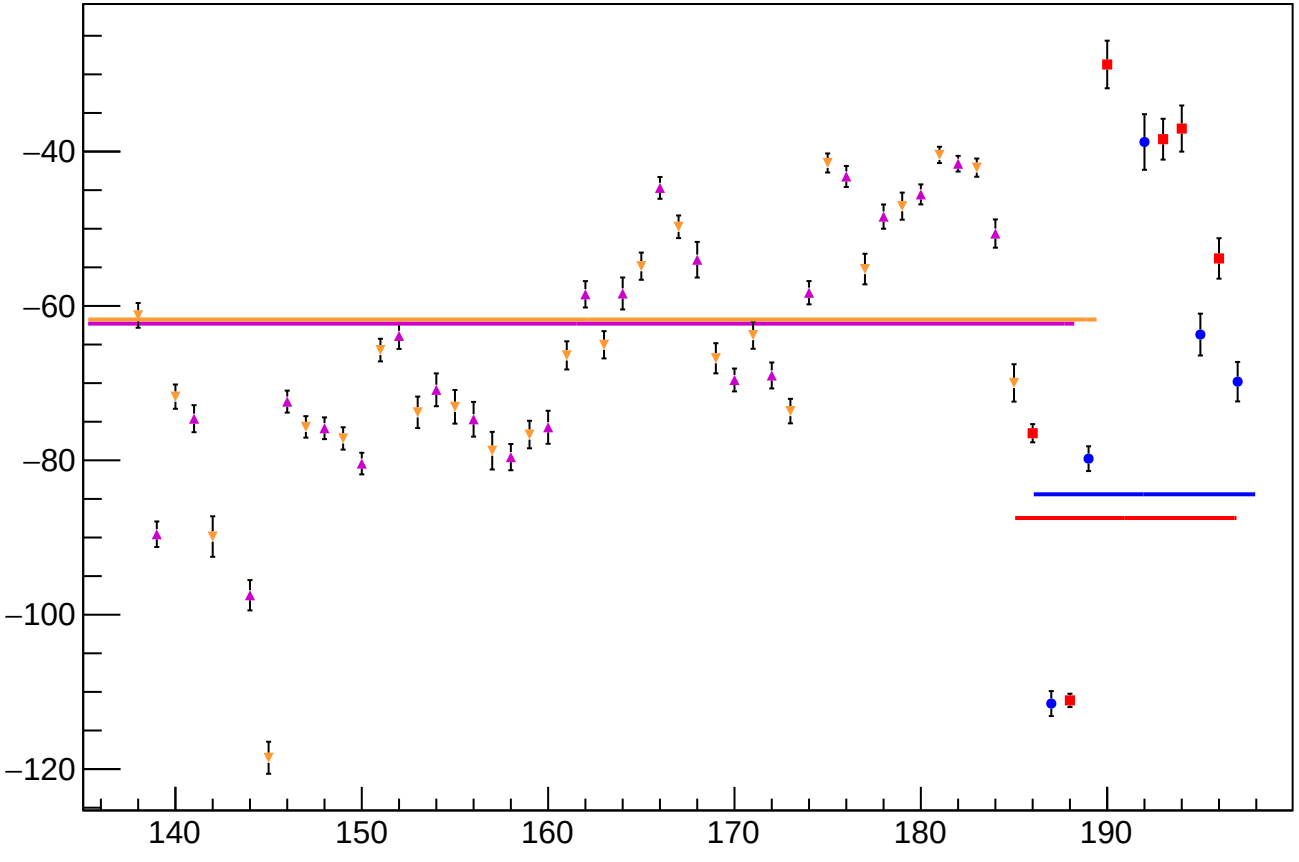
Left In: 0.009+/-0.001 χ^2/NDF:15.8/22

+ sign 0.007+/-0.001 χ^2/NDF: 86.9/46

All: 0.007+/-0.001 χ^2/NDF: 153.8/93

- sign 0.008+/-0.001 χ^2/NDF: 66.5/46

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -84.401+/-0.938 χ^2/NDF: 540.7/4

Left Out: -61.756+/-0.334 χ^2/NDF:2509.2/23

Right Out: -87.474+/-0.624 χ^2/NDF: 1991.6/5

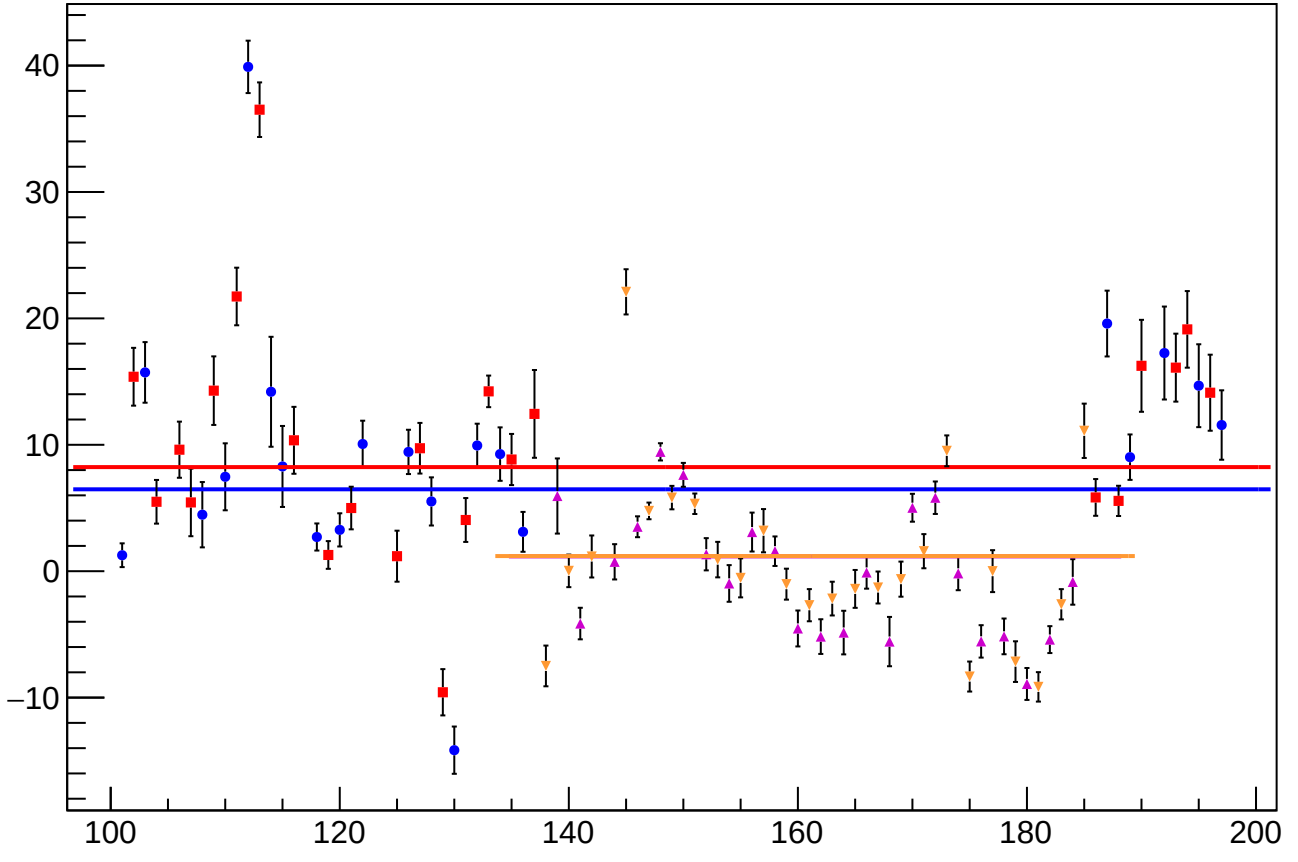
Left In: -62.290+/-0.331 χ^2/NDF:2265.0/22

+ sign -64.302+/-0.314 χ^2/NDF: 3567.4/28

All: -66.188+/-0.214 χ^2/NDF: 9160.8/57

- sign -67.820+/-0.293 χ^2/NDF: 5526.3/28

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 6.478+/-0.397 χ^2/NDF: 512.9/20

Left Out: 1.197+/-0.252 χ^2/NDF:526.1/23

Right Out: 8.236+/-0.394 χ^2/NDF: 445.5/22

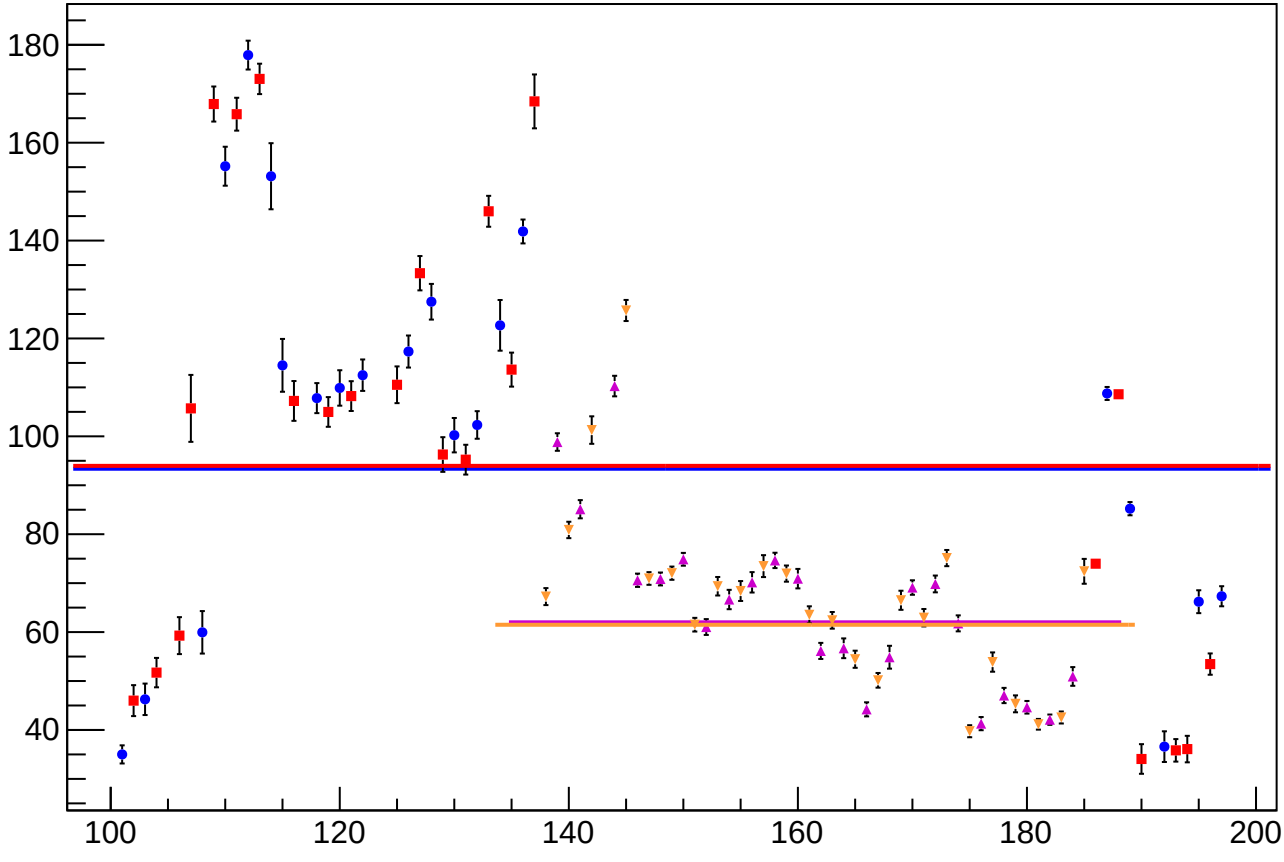
Left In: 1.171+/-0.255 χ^2/NDF:466.2/22

+ sign 2.716+/-0.213 χ^2/NDF: 1164.8/44

All: 2.983+/-0.151 χ^2/NDF: 2306.2/90

- sign 3.252+/-0.214 χ^2/NDF: 1138.3/45

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 93.379+/-0.562 χ^2/NDF: 3878.0/20

Left Out: 61.496+/-0.332 χ^2/NDF:2610.2/23

Right Out: 93.966+/-0.436 χ^2/NDF: 5451.7/22

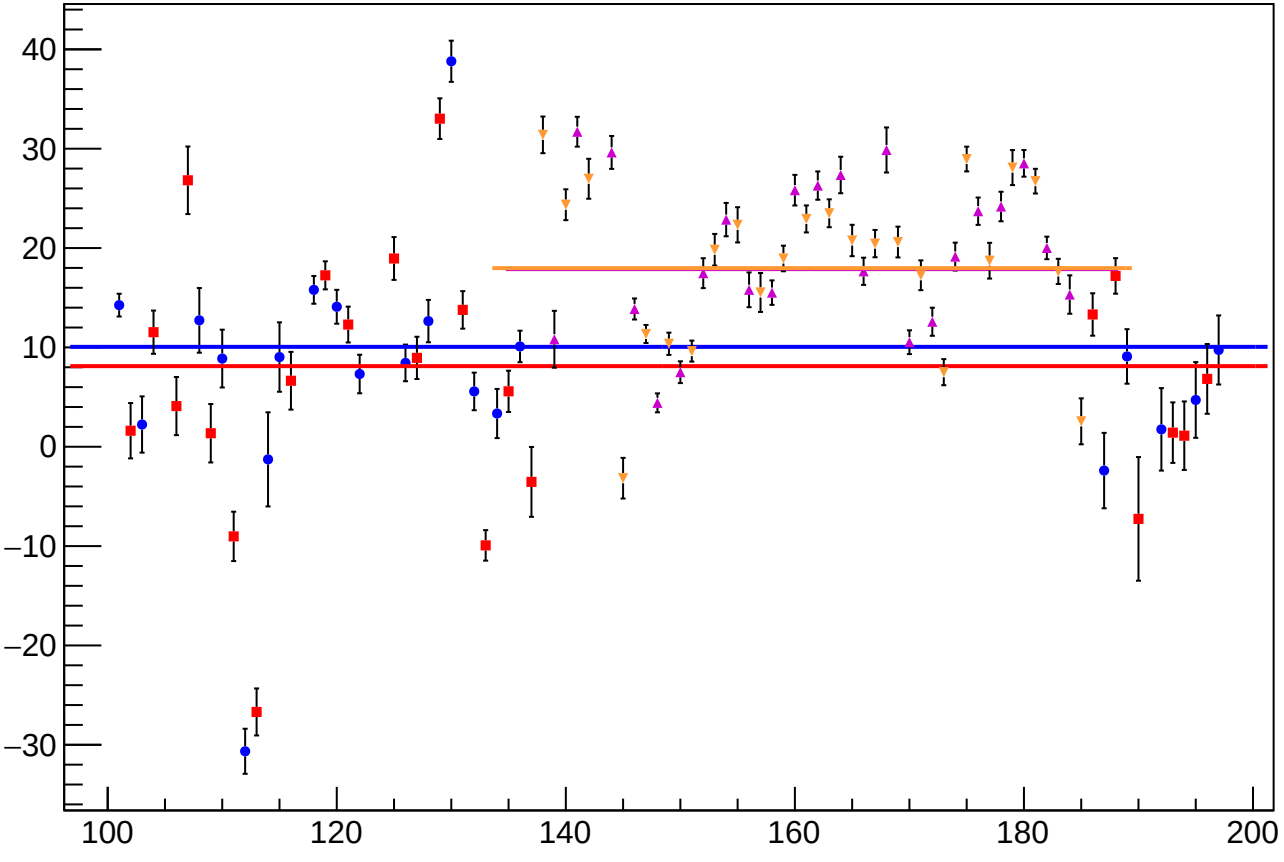
Left In: 61.995+/-0.329 χ^2/NDF:2517.6/22

+ sign 69.761+/-0.286 χ^2/NDF: 8875.0/44

All: 71.833+/-0.193 χ^2/NDF: 20364.6/90

- sign 73.581+/-0.263 χ^2/NDF: 11392.8/45

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.055+/-0.469 χ^2/NDF: 599.2/20

Left Out: 17.979+/-0.291 χ^2/NDF:674.8/23

Right Out: 8.113+/-0.474 χ^2/NDF: 736.7/22

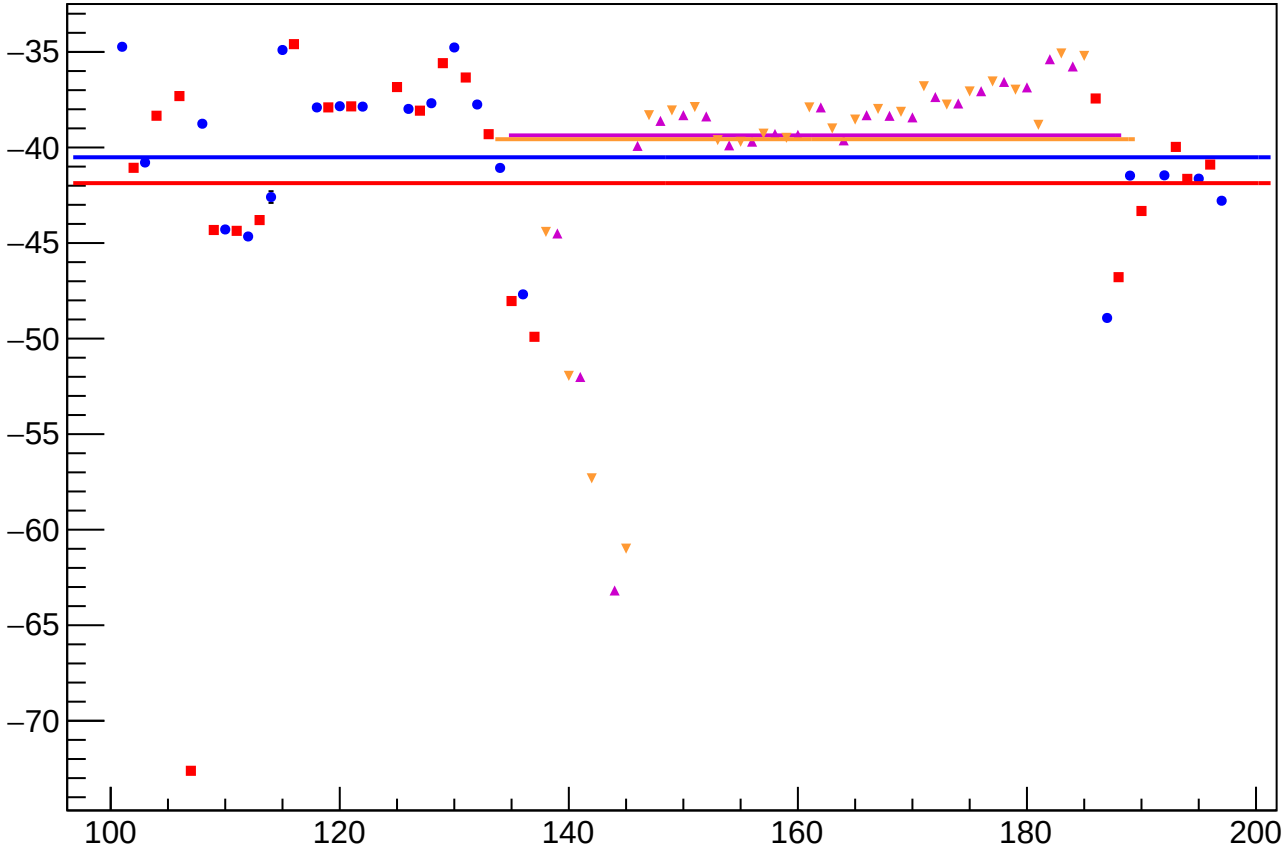
Left In: 17.881+/-0.292 χ^2/NDF:730.9/22

+ sign 15.780+/-0.247 χ^2/NDF: 1480.1/44

All: 15.491+/-0.175 χ^2/NDF: 3258.5/90

- sign 15.199+/-0.248 χ^2/NDF: 1775.6/45

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.512+/-0.025 χ^2/NDF: 27457.7/20

Left Out: -39.567+/-0.014 χ^2/NDF:141152.0/23

Right Out: -41.866+/-0.024 χ^2/NDF: 64431.3/22

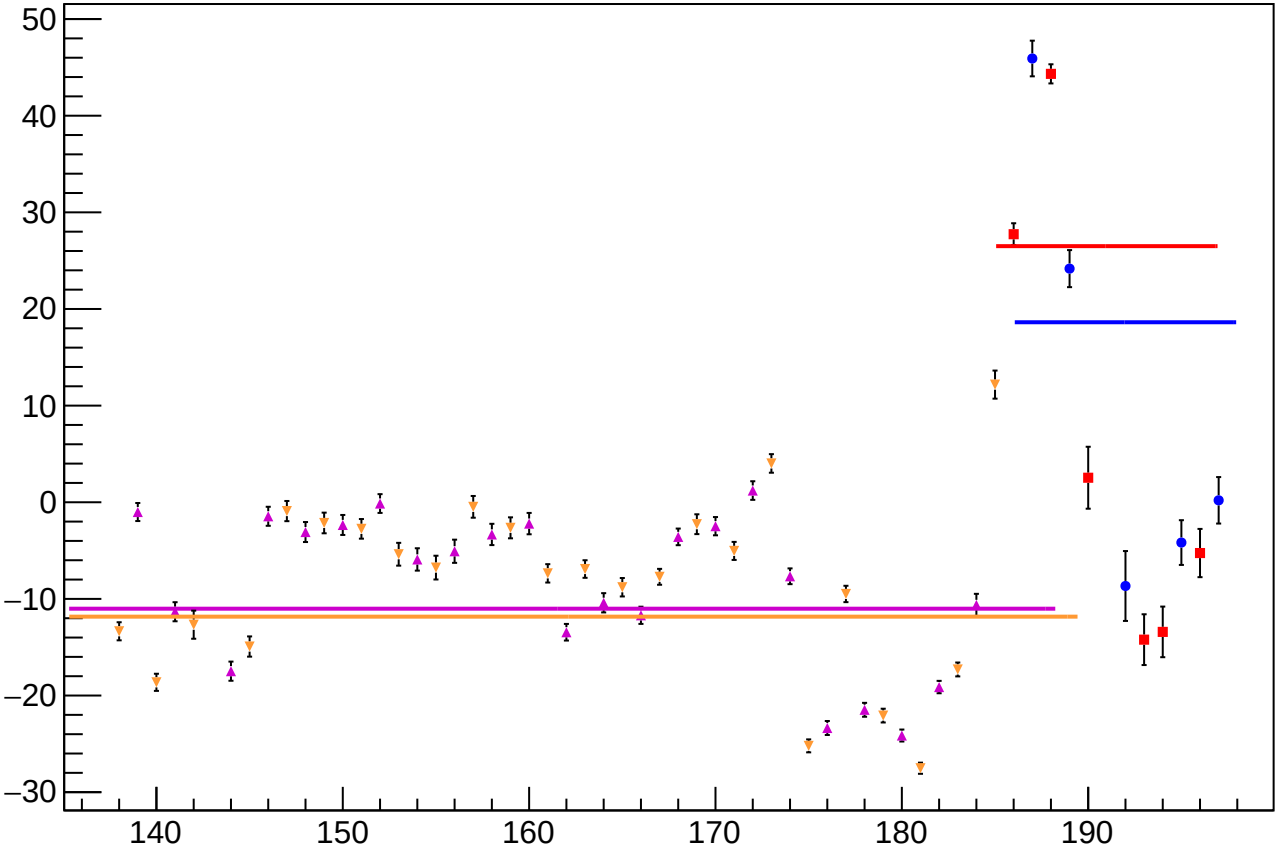
Left In: -39.368+/-0.014 χ^2/NDF:117958.1/22

+ sign -39.781+/-0.012 χ^2/NDF: 169680.6/44

All: -39.870+/-0.008 χ^2/NDF: 360193.5/90

- sign -39.957+/-0.012 χ^2/NDF: 190404.7/45

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 18.626+/-0.999 χ^2/NDF: 439.9/4

Left Out: -11.837+/-0.187 χ^2/NDF:2742.4/23

Right Out: 26.501+/-0.653 χ^2/NDF: 1015.7/5

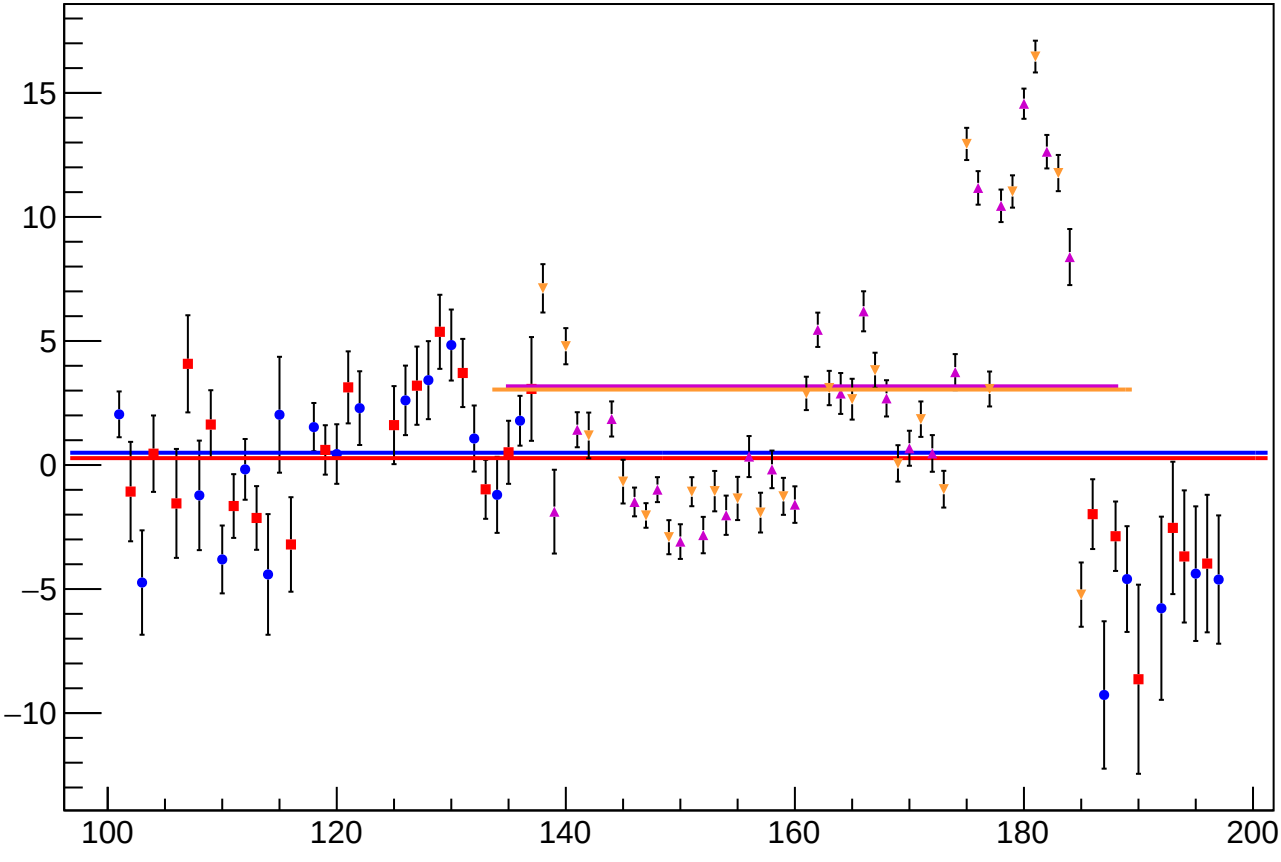
Left In: -11.014+/-0.187 χ^2/NDF:2116.6/22

+ sign -10.808+/-0.184 χ^2/NDF: 4080.7/28

All: -9.460+/-0.129 χ^2/NDF: 10368.8/57

- sign -8.166+/-0.180 χ^2/NDF: 6182.5/28

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.495+/-0.326 χ^2/NDF: 71.4/20

Left Out: 3.042+/-0.148 χ^2/NDF:1452.6/23

Right Out: 0.277+/-0.325 χ^2/NDF: 62.7/22

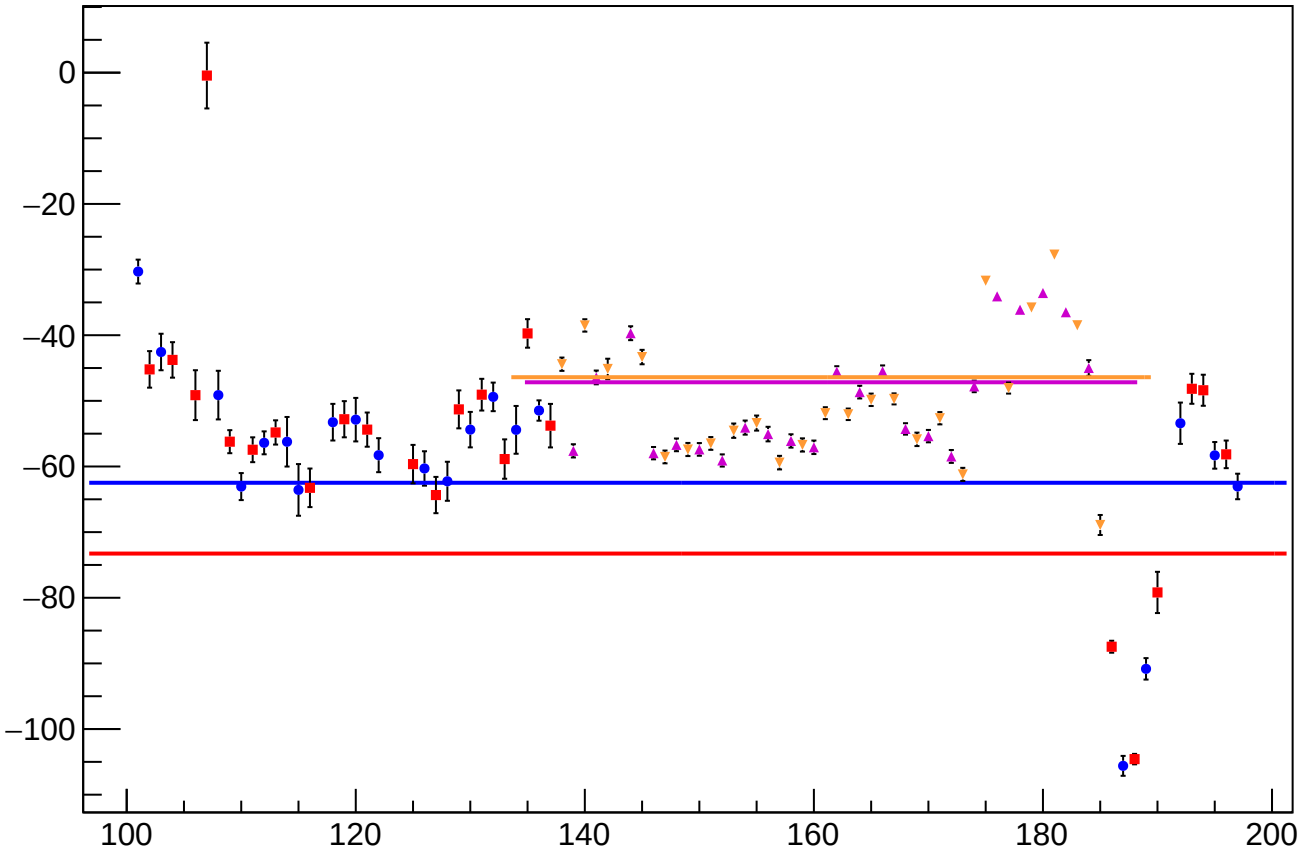
Left In: 3.172+/-0.150 χ^2/NDF:1297.9/22

+ sign 2.607+/-0.135 χ^2/NDF: 1574.7/44

All: 2.636+/-0.096 χ^2/NDF: 3000.9/90

- sign 2.666+/-0.136 χ^2/NDF: 1426.1/45

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -62.481+/-0.495 χ^2/NDF: 1638.1/20

Left Out: -46.398+/-0.187 χ^2/NDF:3289.4/23

Right Out: -73.266+/-0.405 χ^2/NDF: 3411.4/22

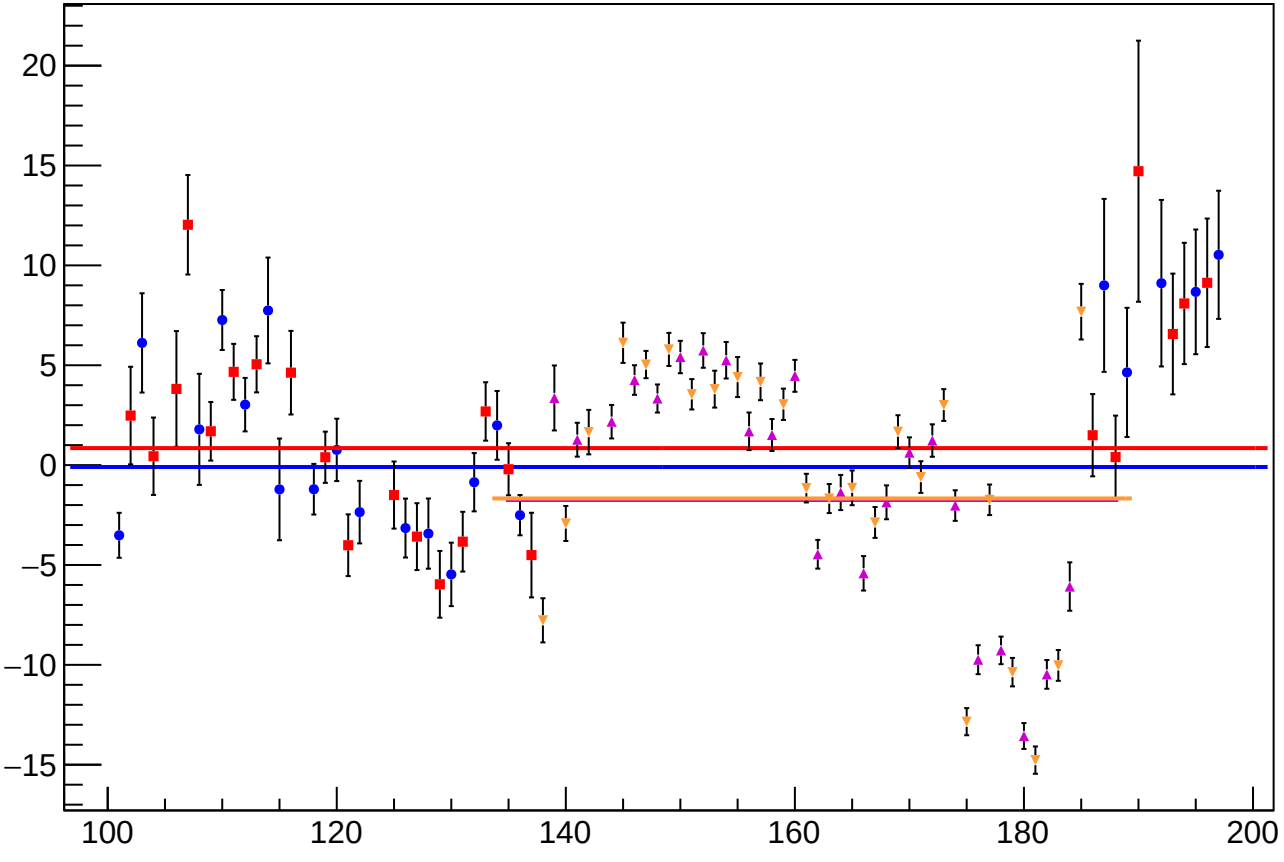
Left In: -47.170+/-0.186 χ^2/NDF:2526.3/22

+ sign -48.401+/-0.175 χ^2/NDF: 5853.4/44

All: -50.116+/-0.122 χ^2/NDF: 15402.3/90

- sign -51.732+/-0.169 χ^2/NDF: 9361.3/45

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.095+/-0.373 χ^2/NDF: 114.6/20

Left Out: -1.668+/-0.167 χ^2/NDF:1479.3/23

Right Out: 0.852+/-0.377 χ^2/NDF: 116.2/22

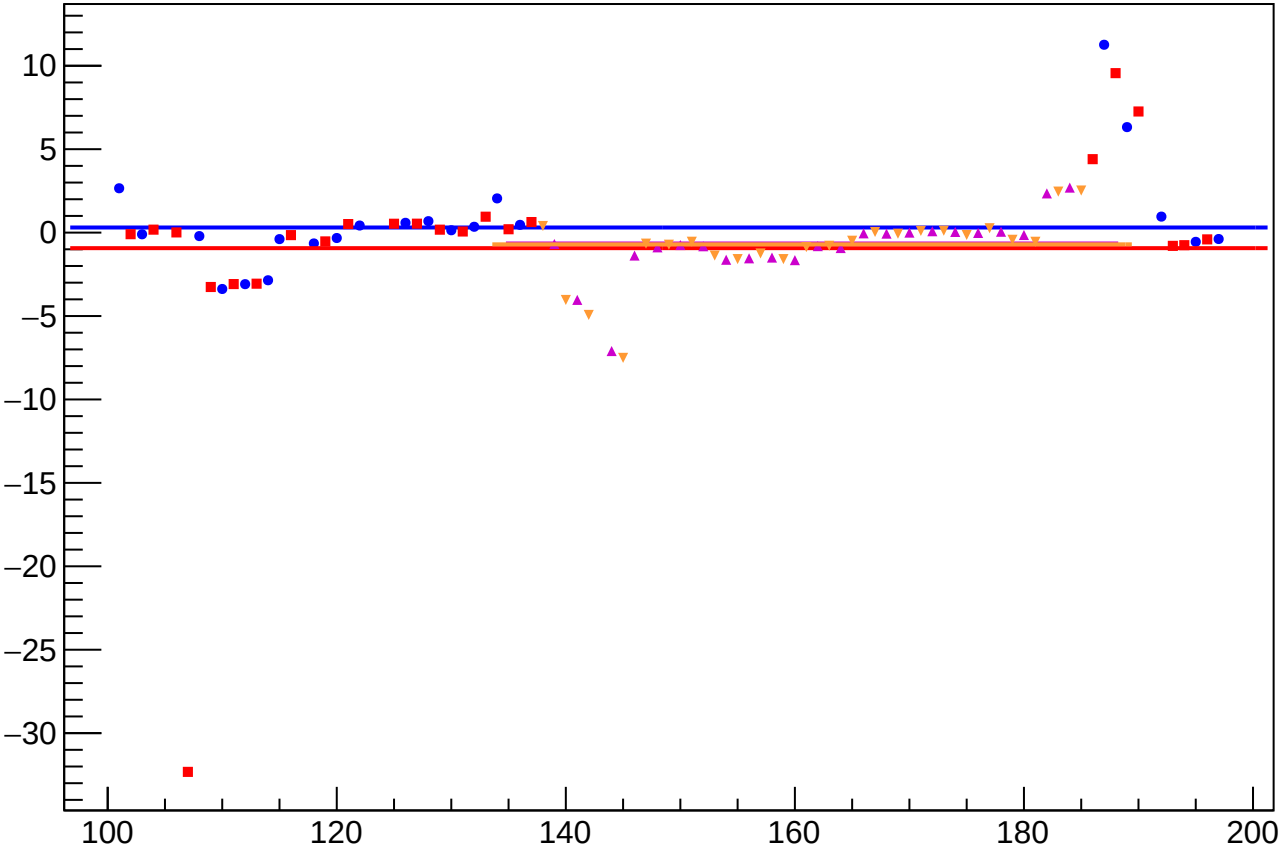
Left In: -1.746+/-0.168 χ^2/NDF:1254.1/22

+ sign -1.406+/-0.152 χ^2/NDF: 1608.7/44

All: -1.360+/-0.108 χ^2/NDF: 3018.8/90

- sign -1.313+/-0.154 χ^2/NDF: 1409.9/45

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.307+/-0.020 χ^2/NDF: 9431.4/20

Left Out: -0.703+/-0.008 χ^2/NDF:53770.3/23

Right Out: -0.932+/-0.020 χ^2/NDF: 92102.9/22

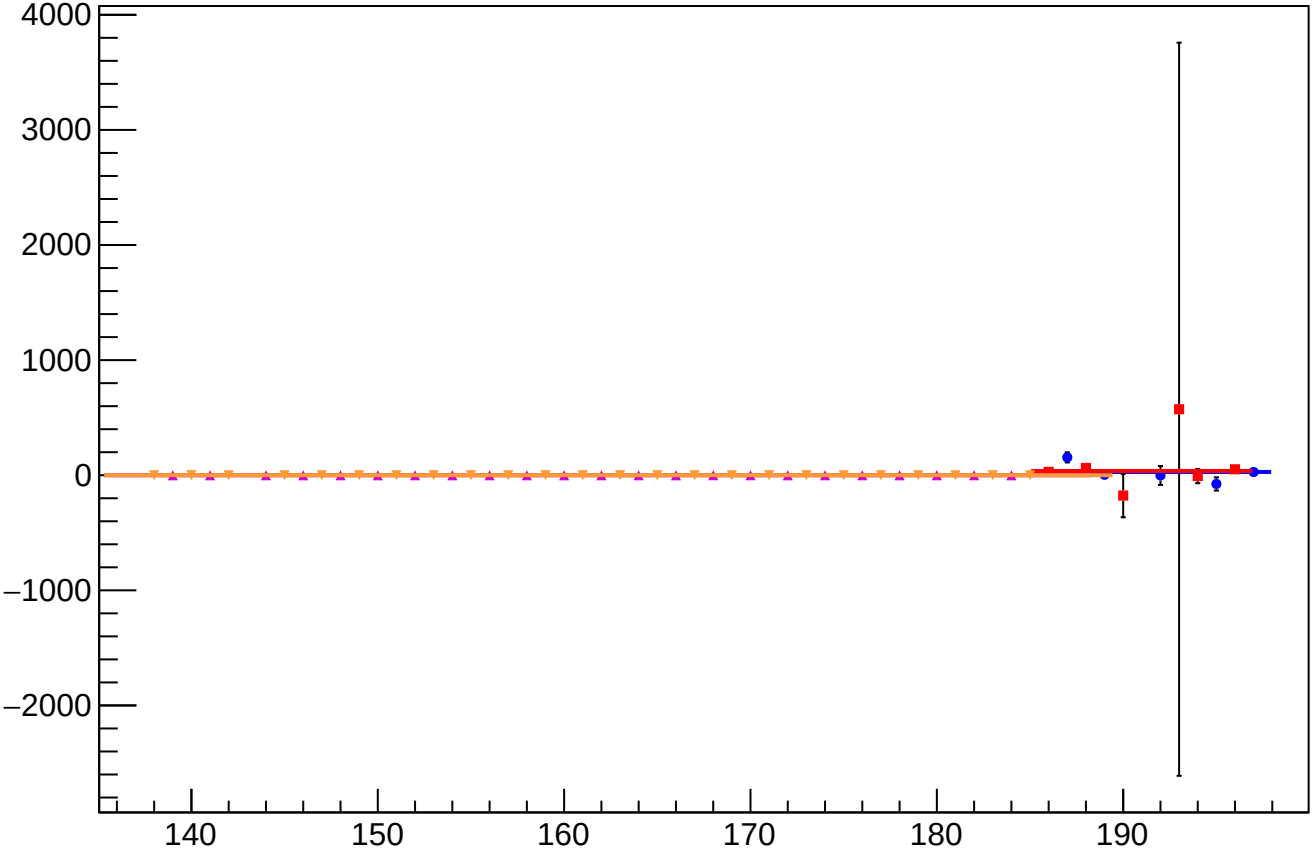
Left In: -0.651+/-0.008 χ^2/NDF:44167.1/22

+ sign -0.574+/-0.007 χ^2/NDF: 65419.4/44

All: -0.631+/-0.005 χ^2/NDF: 201994.1/90

- sign -0.688+/-0.007 χ^2/NDF: 136446.7/45

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 28.418+/-19.254 χ^2/NDF: 12.3/4

Left Out: -0.038+/-0.018 χ^2/NDF:35.6/23

Right Out: 37.018+/-10.011 χ^2/NDF: 3.9/5

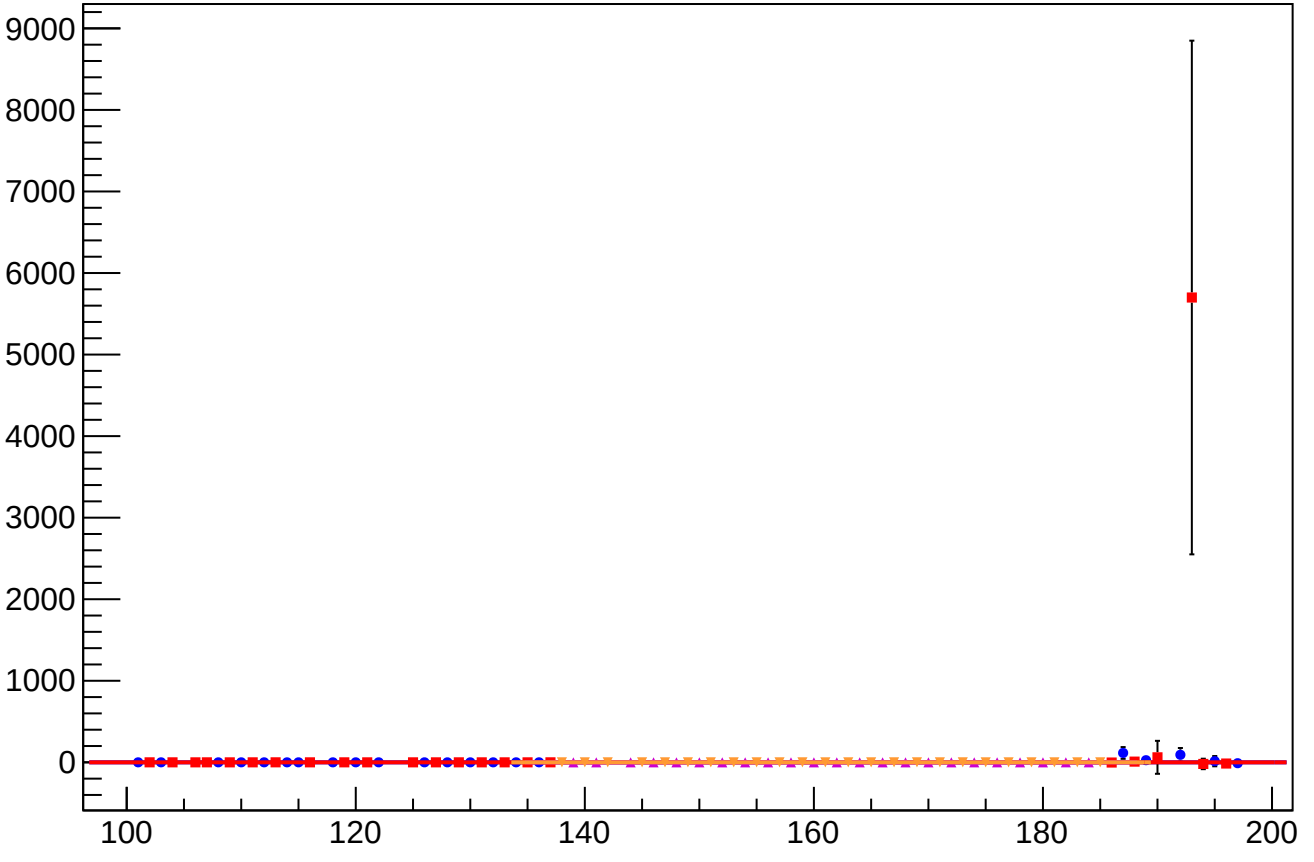
Left In: -0.009+/-0.018 χ^2/NDF:35.3/22

+ sign -0.038+/-0.018 χ^2/NDF: 50.1/28

All: -0.024+/-0.013 χ^2/NDF: 104.2/57

- sign -0.009+/-0.018 χ^2/NDF: 52.9/28

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013+/-0.023 χ^2/NDF: 16.7/20

Left Out: -0.073+/-0.014 χ^2/NDF:27.8/23

Right Out: -0.092+/-0.025 χ^2/NDF: 12.9/22

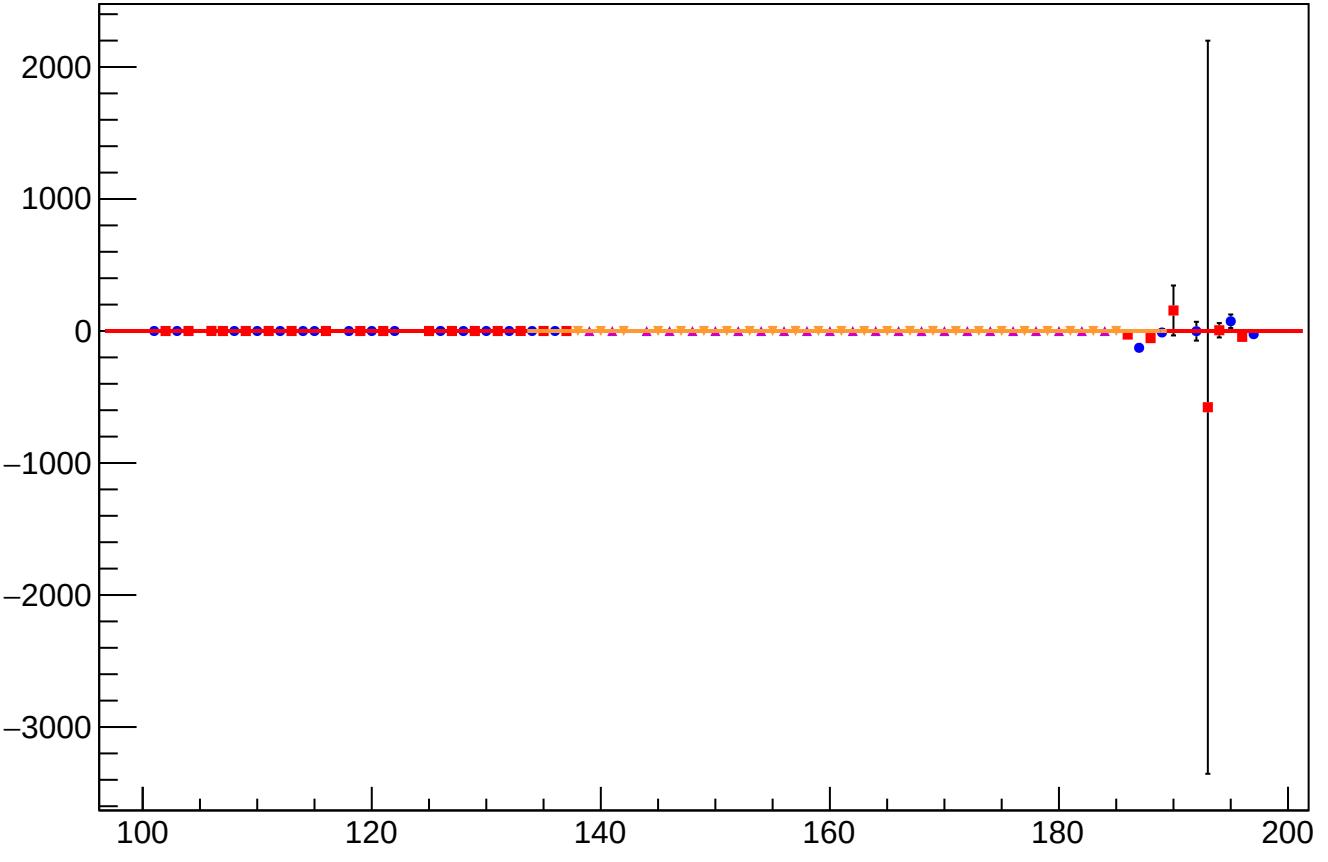
Left In: -0.065+/-0.014 χ^2/NDF:40.4/22

+ sign -0.057+/-0.012 χ^2/NDF: 49.4/44

All: -0.064+/-0.009 χ^2/NDF: 104.3/90

- sign -0.072+/-0.012 χ^2/NDF: 54.1/45

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017+/-0.043 χ^2/NDF: 24.8/20

Left Out: 0.036+/-0.018 χ^2/NDF:32.4/23

Right Out: 0.028+/-0.045 χ^2/NDF: 28.3/22

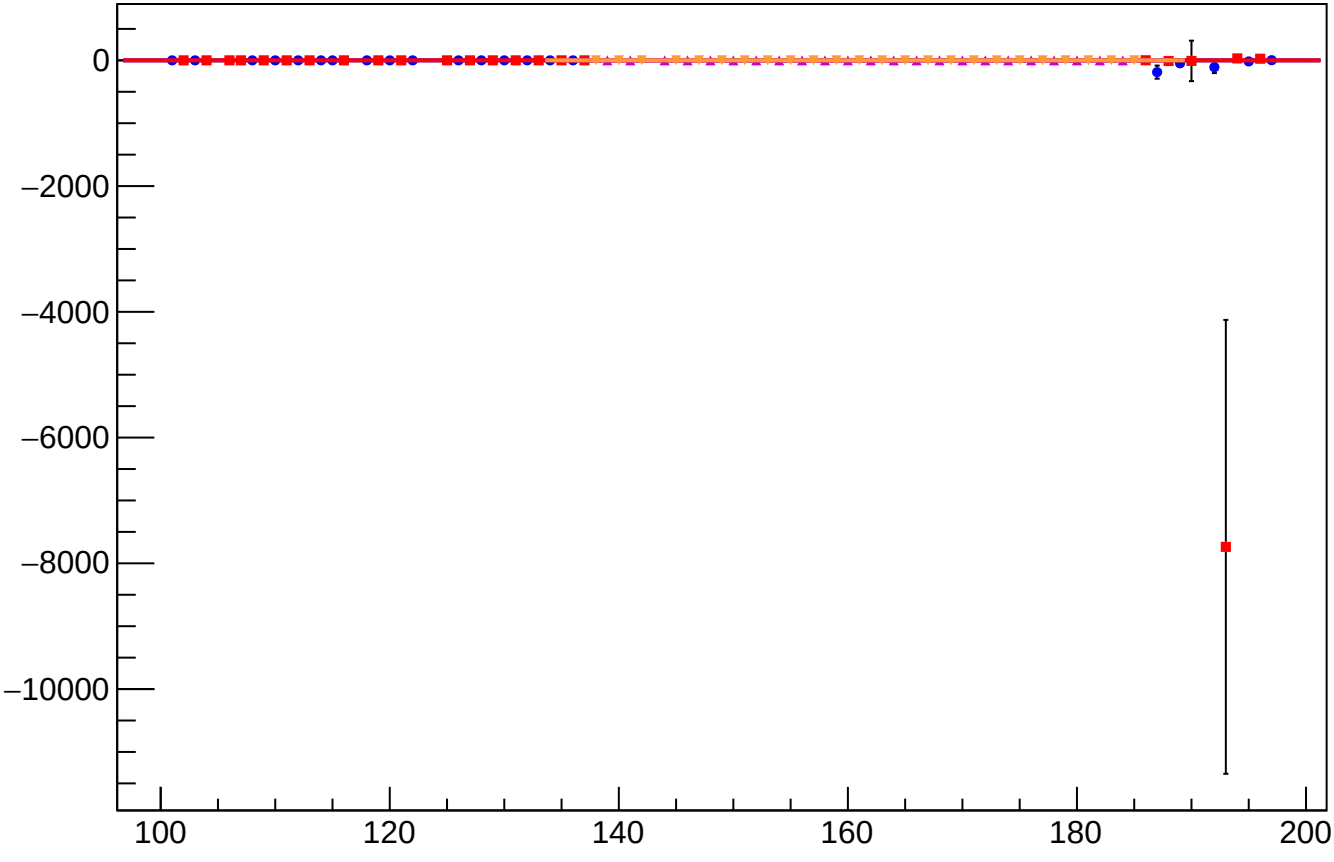
Left In: -0.010+/-0.018 χ^2/NDF:37.1/22

+ sign 0.033+/-0.017 χ^2/NDF: 57.3/44

All: 0.014+/-0.012 χ^2/NDF: 126.0/90

- sign -0.005+/-0.017 χ^2/NDF: 66.0/45

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007+/-0.027 χ^2/NDF: 17.5/20

Left Out: 0.086+/-0.016 χ^2/NDF:27.8/23

Right Out: 0.110+/-0.029 χ^2/NDF: 12.9/22

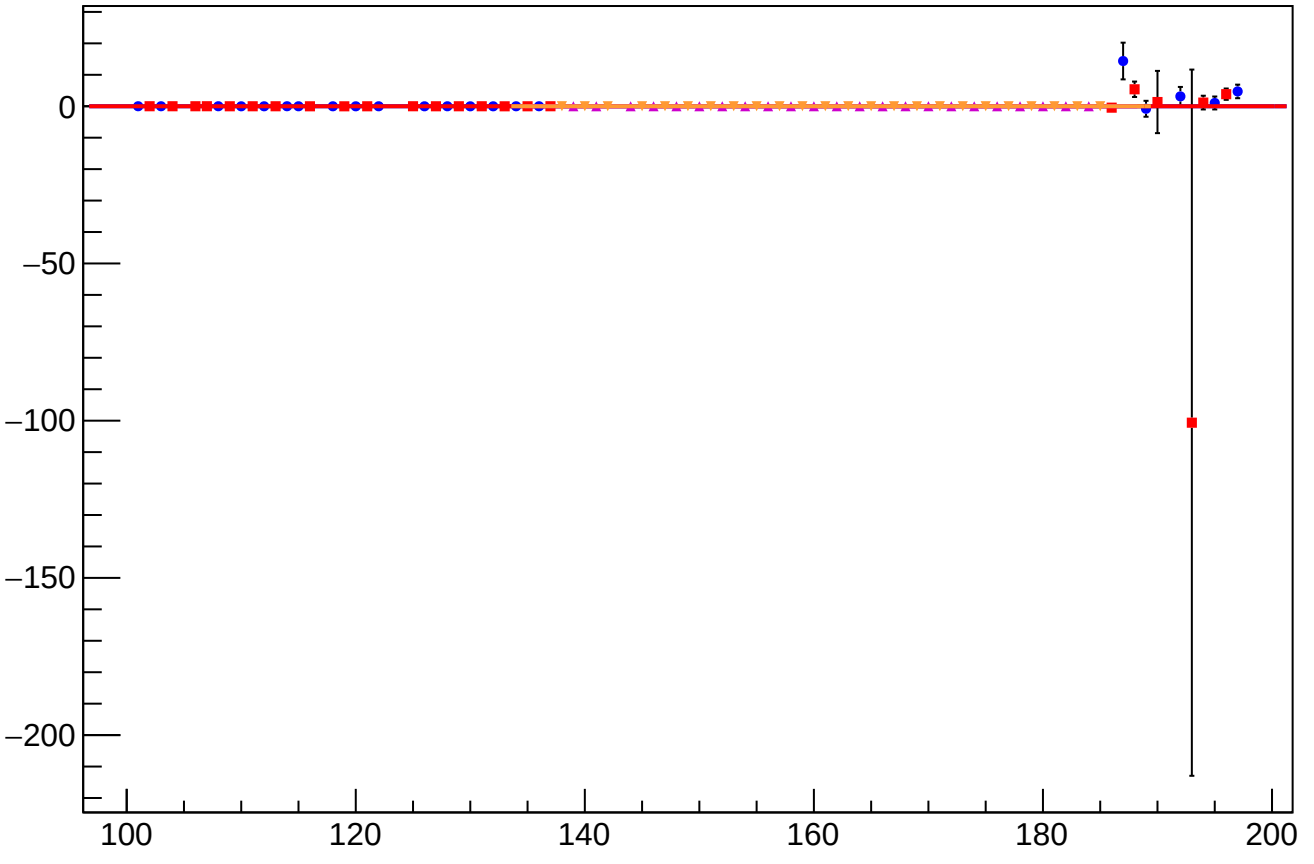
Left In: 0.071+/-0.016 χ^2/NDF:44.0/22

+ sign 0.065+/-0.014 χ^2/NDF: 51.6/44

All: 0.073+/-0.010 χ^2/NDF: 110.5/90

- sign 0.081+/-0.014 χ^2/NDF: 58.3/45

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005+/-0.001 χ^2/NDF: 34.9/20

Left Out: 0.000+/-0.001 χ^2/NDF:23.9/23

Right Out: -0.004+/-0.001 χ^2/NDF: 34.2/22

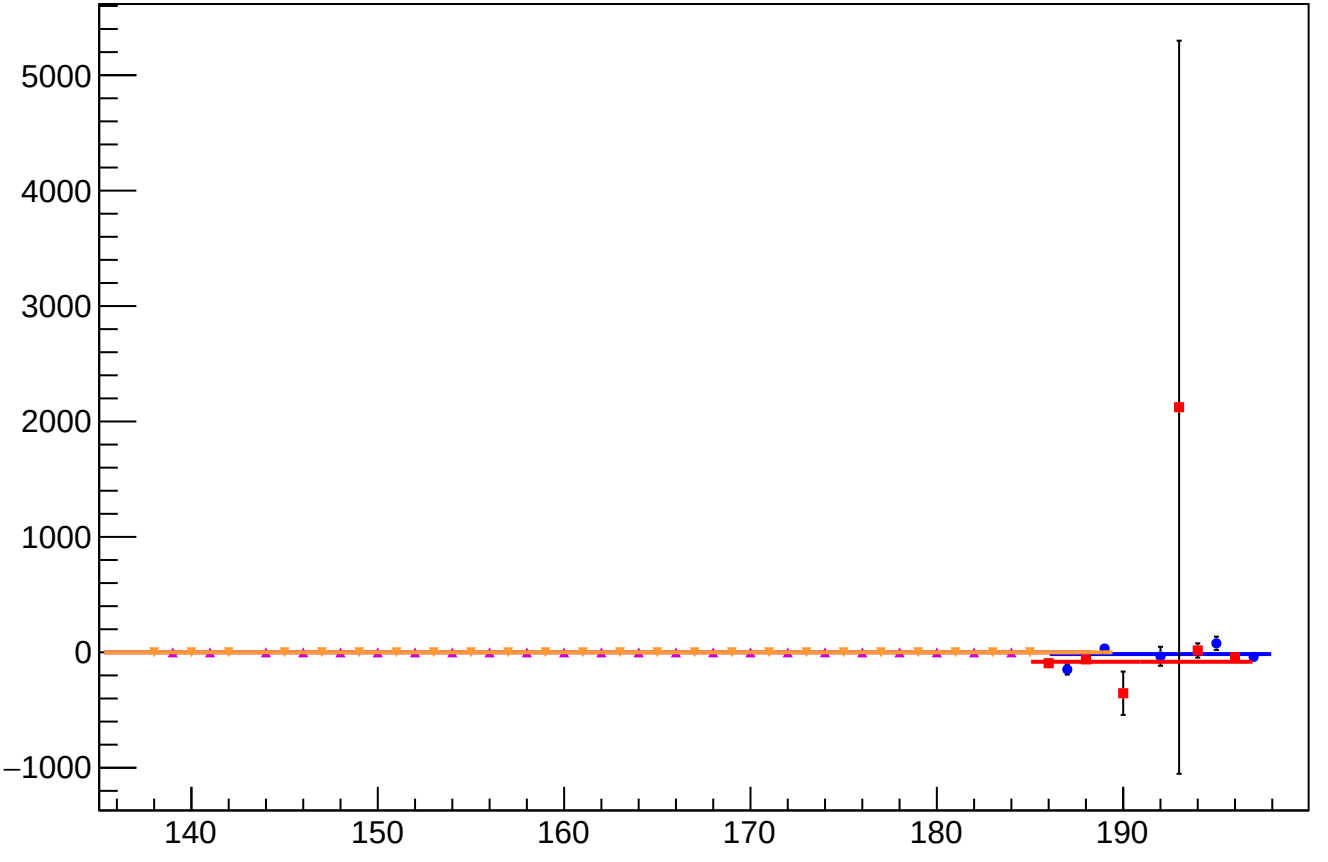
Left In: 0.000+/-0.001 χ^2/NDF:22.4/22

+ sign -0.001+/-0.001 χ^2/NDF: 71.8/44

All: -0.001+/-0.000 χ^2/NDF: 135.7/90

- sign -0.001+/-0.001 χ^2/NDF: 63.8/45

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -15.063+/-19.240 χ^2/NDF: 14.8/4

Left Out: -0.052+/-0.018 χ^2/NDF:37.3/23

Right Out: -81.765+/-10.013 χ^2/NDF: 8.0/5

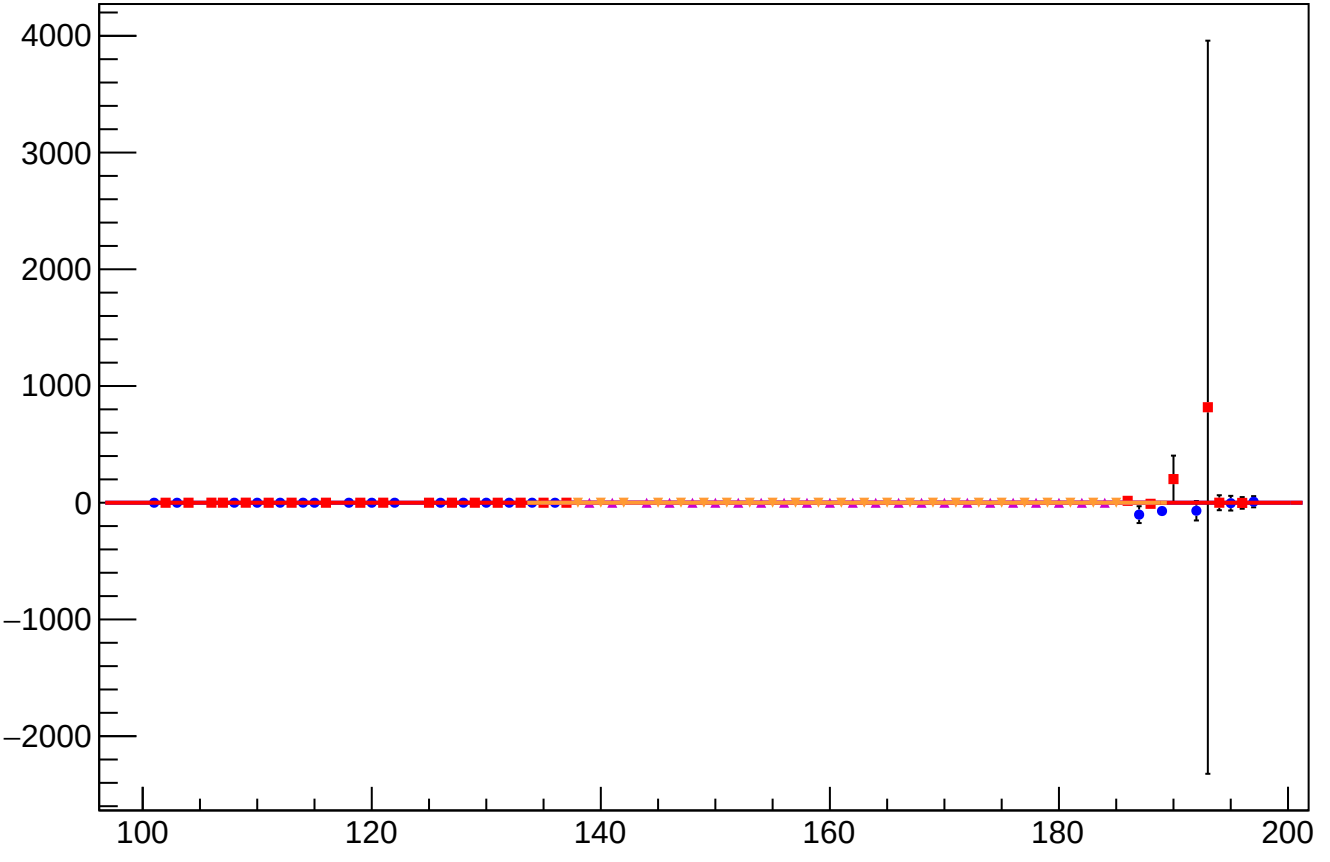
Left In: -0.010+/-0.018 χ^2/NDF:33.3/22

+ sign -0.052+/-0.018 χ^2/NDF: 52.8/28

All: -0.031+/-0.013 χ^2/NDF: 163.4/57

- sign -0.010+/-0.018 χ^2/NDF: 108.0/28

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010+/-0.023 χ^2/NDF: 32.8/20

Left Out: -0.010+/-0.014 χ^2/NDF:29.5/23

Right Out: 0.040+/-0.025 χ^2/NDF: 29.4/22

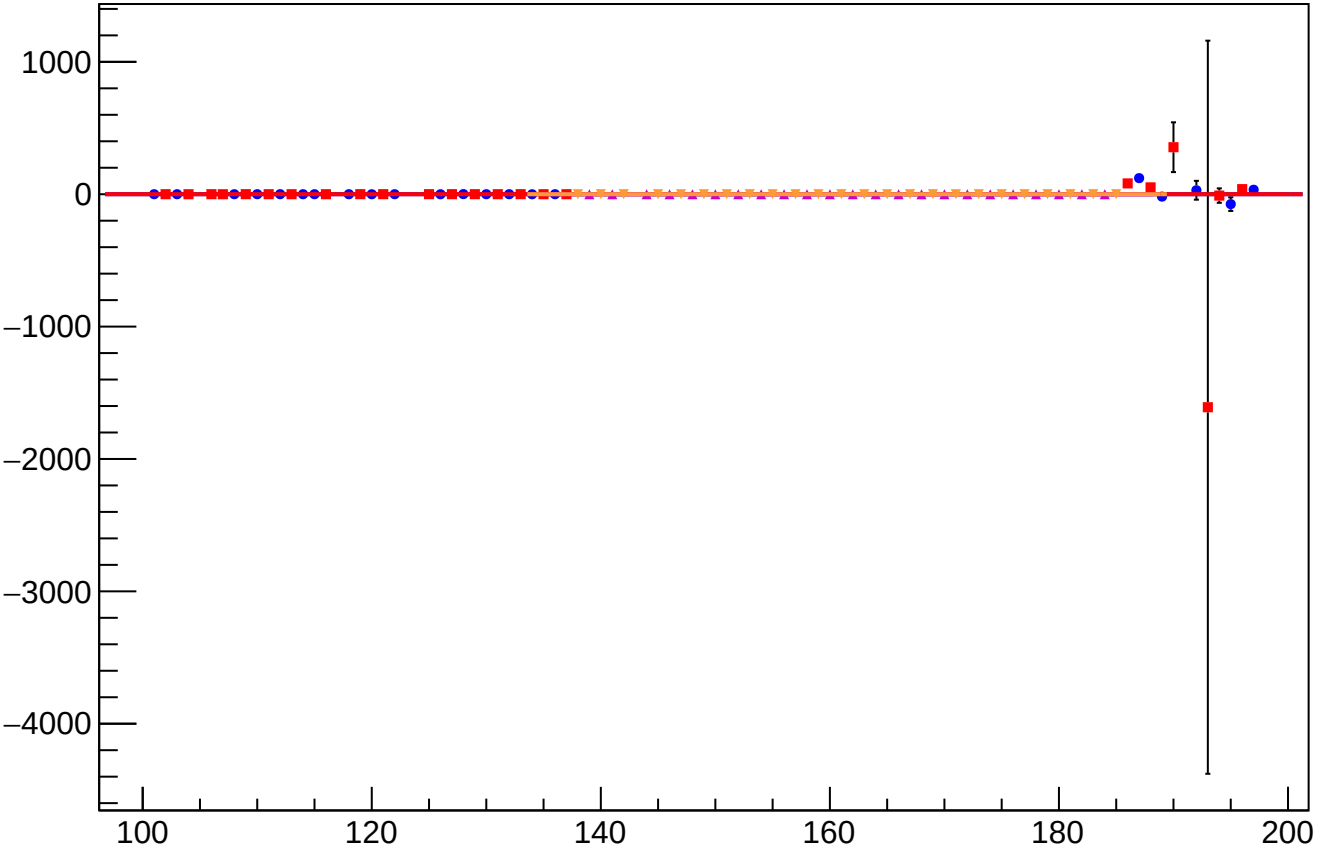
Left In: 0.004+/-0.014 χ^2/NDF:50.3/22

+ sign -0.005+/-0.012 χ^2/NDF: 62.8/44

All: 0.004+/-0.009 χ^2/NDF: 145.2/90

- sign 0.013+/-0.012 χ^2/NDF: 81.3/45

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152+/-0.043 χ^2/NDF: 43.8/20

Left Out: 0.048+/-0.018 χ^2/NDF:35.4/23

Right Out: 0.204+/-0.045 χ^2/NDF: 96.5/22

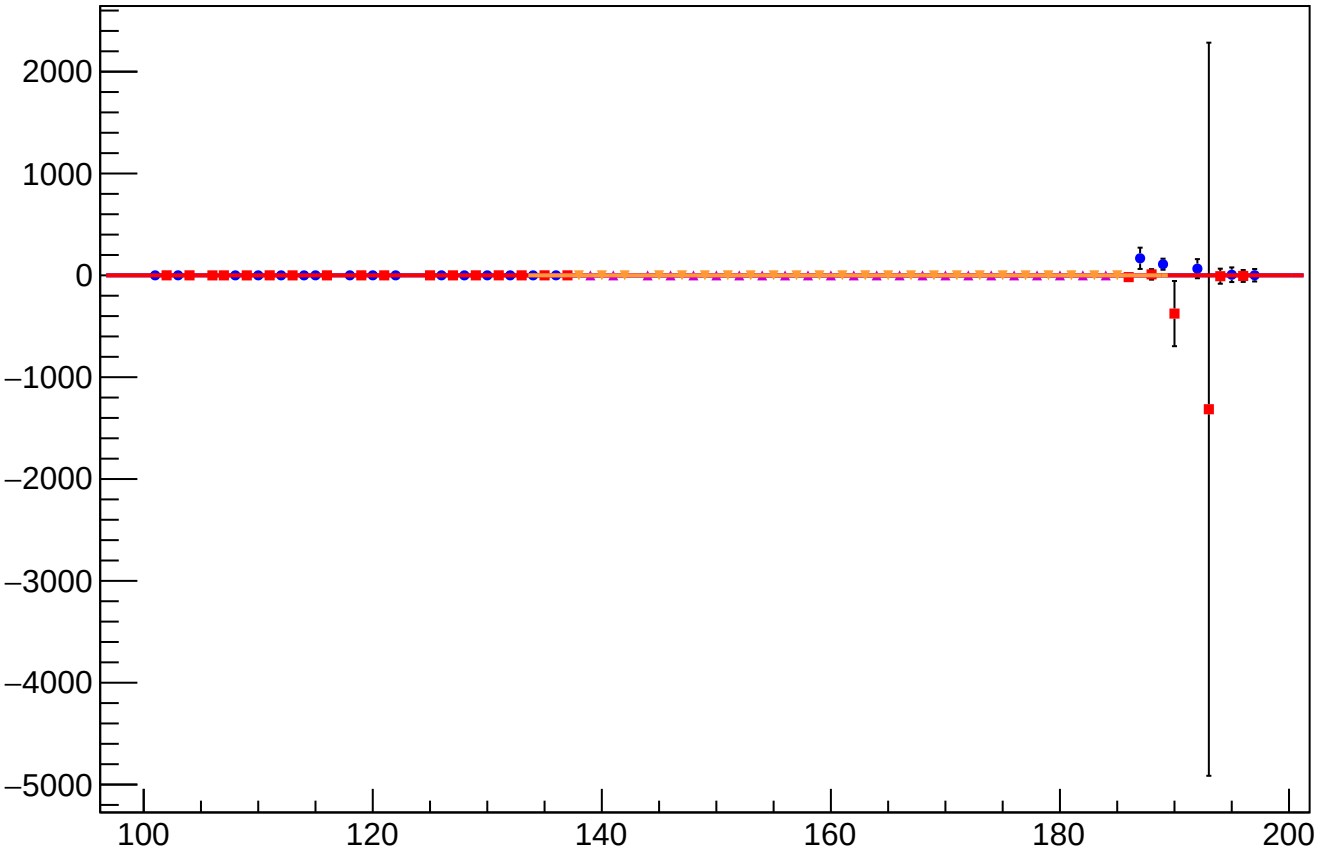
Left In: 0.021+/-0.018 χ^2/NDF:34.0/22

+ sign 0.063+/-0.017 χ^2/NDF: 84.3/44

All: 0.055+/-0.012 χ^2/NDF: 229.5/90

- sign 0.046+/-0.017 χ^2/NDF: 144.7/45

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014+/-0.027 χ^2/NDF: 32.3/20

Left Out: 0.021+/-0.016 χ^2/NDF:33.2/23

Right Out: -0.050+/-0.029 χ^2/NDF: 27.3/22

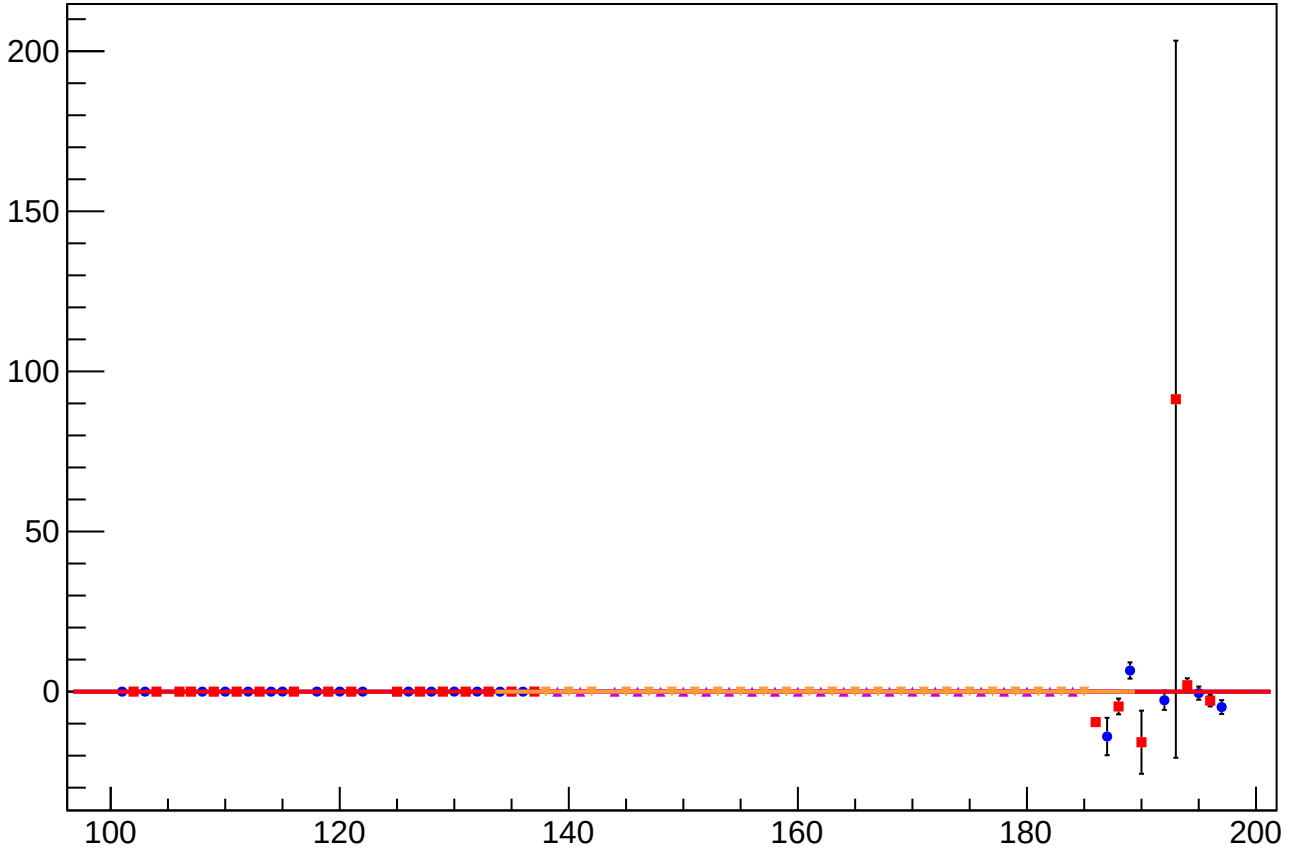
Left In: 0.007+/-0.016 χ^2/NDF:50.7/22

+ sign 0.012+/-0.014 χ^2/NDF: 66.6/44

All: 0.003+/-0.010 χ^2/NDF: 148.5/90

- sign -0.007+/-0.014 χ^2/NDF: 80.9/45

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006+/-0.001 χ^2/NDF: 47.4/20

Left Out: -0.008+/-0.001 χ^2/NDF:31.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 67.9/22

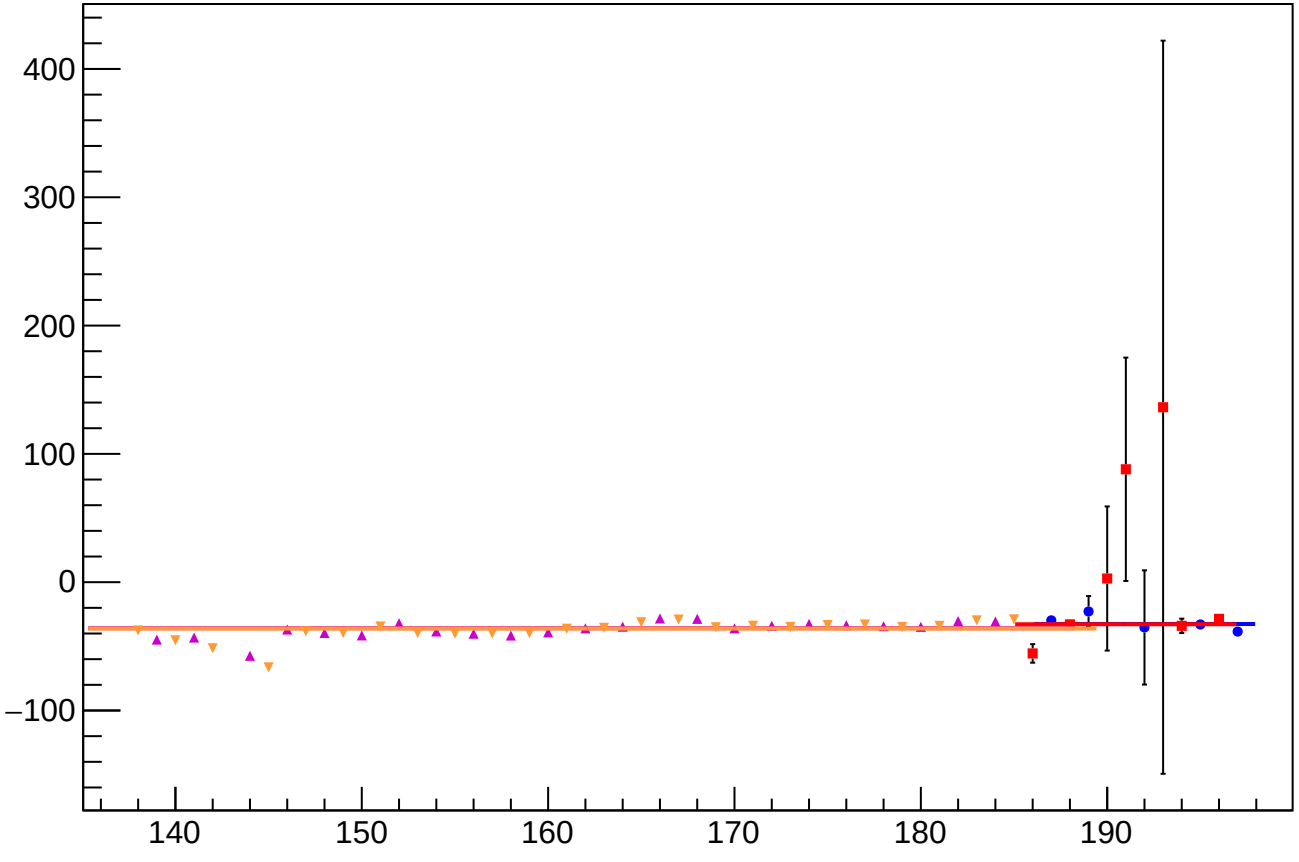
Left In: -0.009+/-0.001 χ^2/NDF:39.2/22

+ sign -0.008+/-0.001 χ^2/NDF: 81.1/44

All: -0.008+/-0.000 χ^2/NDF: 191.1/90

- sign -0.008+/-0.001 χ^2/NDF: 109.7/45

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -32.600+/-1.328 χ^2/NDF: 7.9/4

Left Out: -36.110+/-0.192 χ^2/NDF:1118.4/23

Right Out: -32.773+/-1.059 χ^2/NDF: 14.8/6

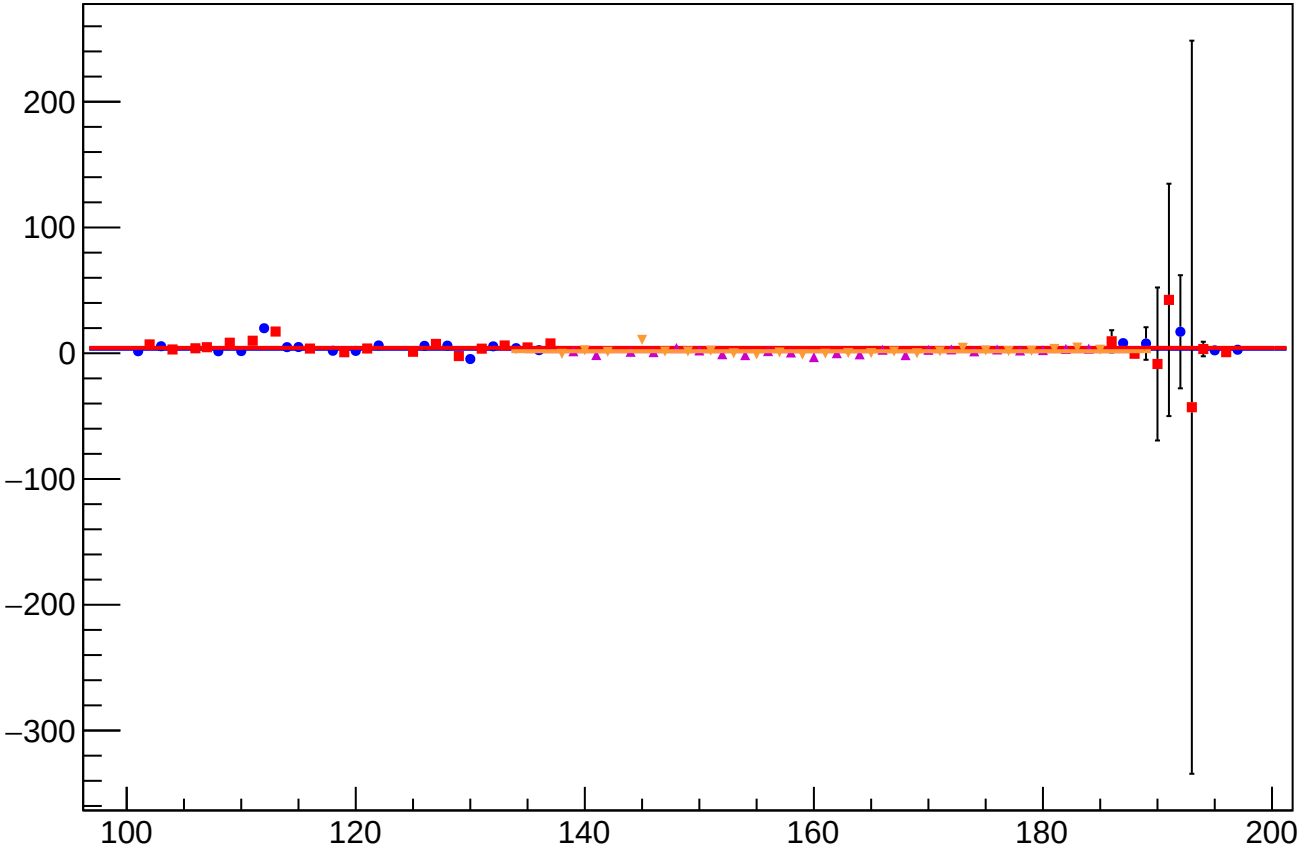
Left In: -35.869+/-0.191 χ^2/NDF:887.1/22

+ sign -36.038+/-0.190 χ^2/NDF: 1133.1/28

All: -35.903+/-0.133 χ^2/NDF: 2044.3/58

- sign -35.772+/-0.188 χ^2/NDF: 910.2/29

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.544+/-0.216 χ^2/NDF: 449.2/20

Left Out: 1.632+/-0.148 χ^2/NDF:166.7/23

Right Out: 4.276+/-0.223 χ^2/NDF: 358.9/23

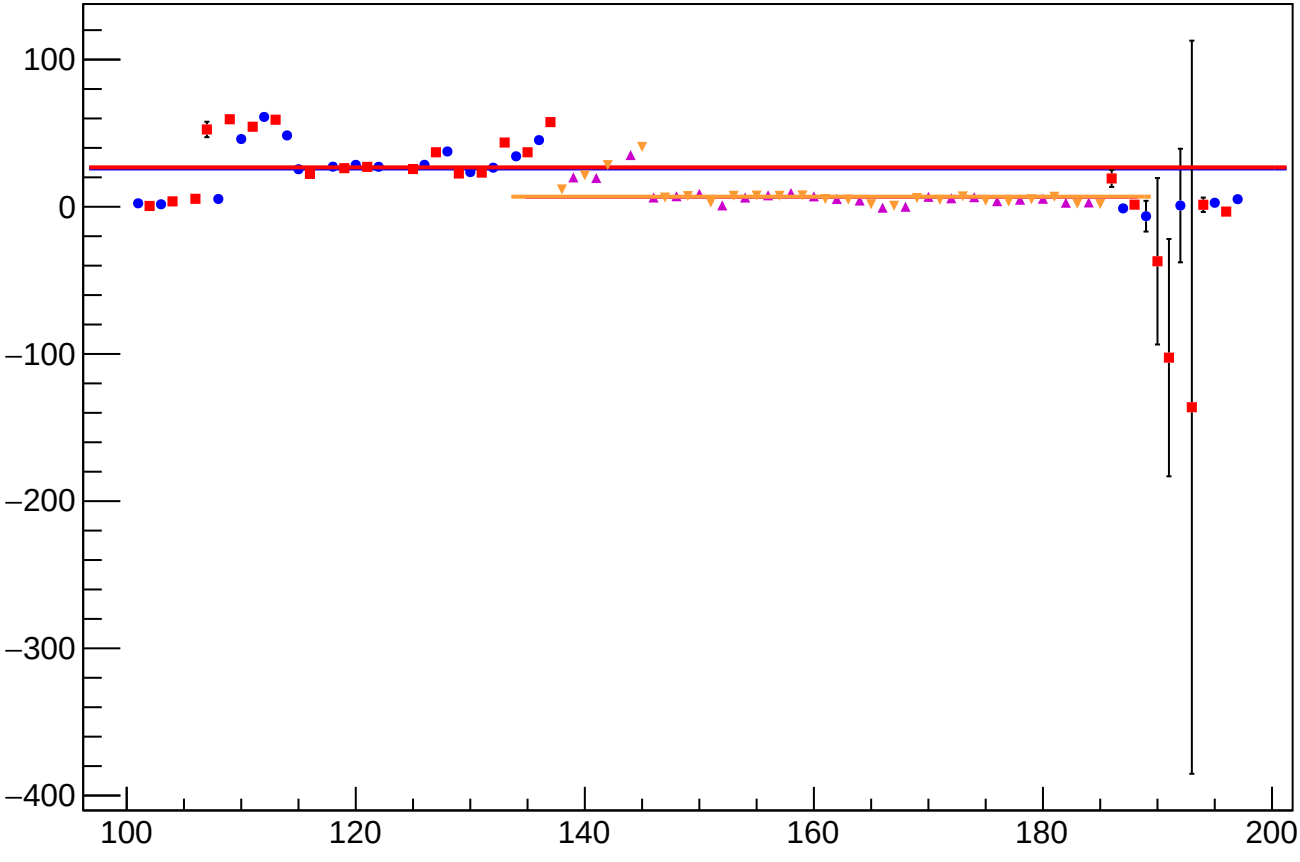
Left In: 1.646+/-0.149 χ^2/NDF:164.1/22

+ sign 2.243+/-0.122 χ^2/NDF: 669.4/44

All: 2.349+/-0.087 χ^2/NDF: 1290.0/91

- sign 2.458+/-0.124 χ^2/NDF: 619.1/46

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 26.004+/-0.390 χ^2/NDF: 2075.6/20

Left Out: 6.855+/-0.191 χ^2/NDF:1298.7/23

Right Out: 26.779+/-0.380 χ^2/NDF: 2730.7/23

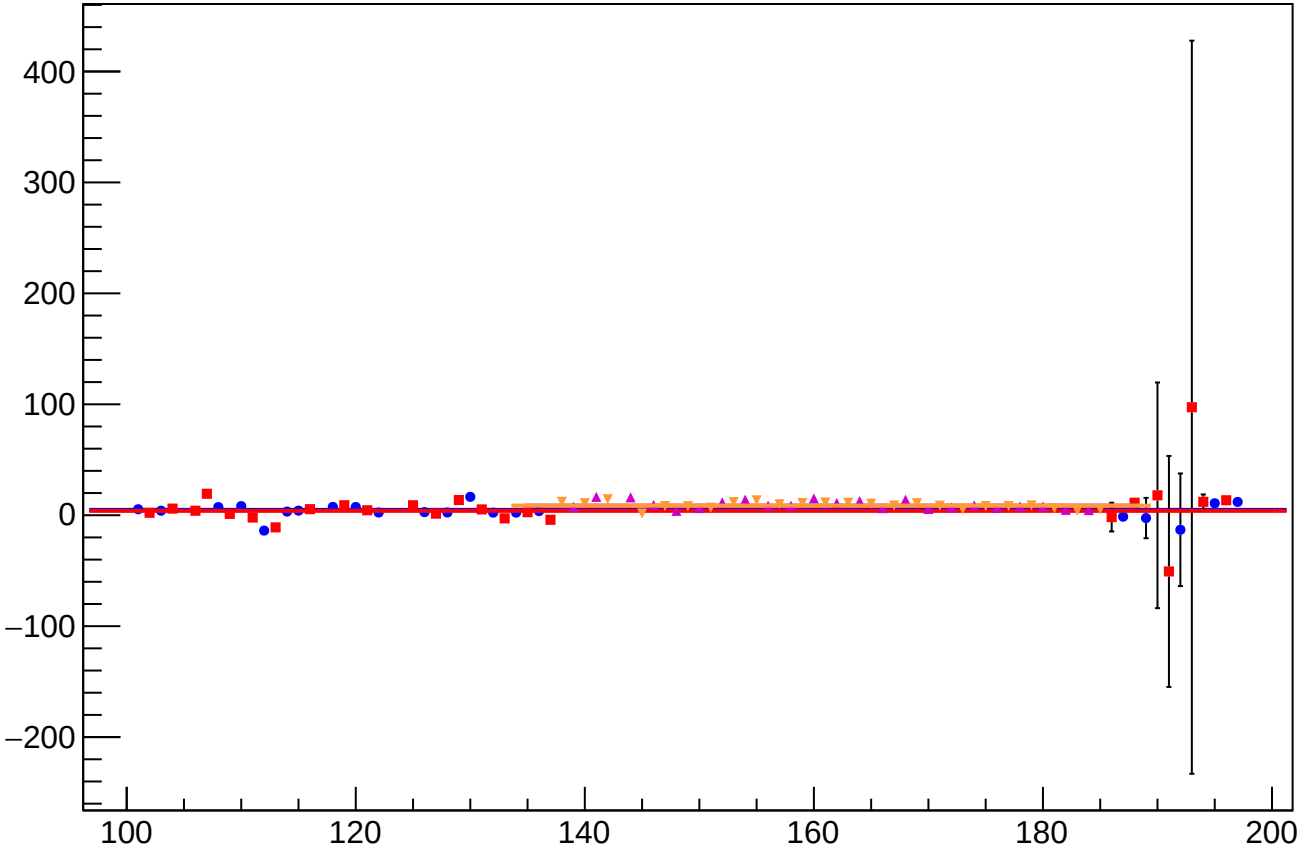
Left In: 6.639+/-0.190 χ^2/NDF:1077.2/22

+ sign 10.574+/-0.172 χ^2/NDF: 5318.5/44

All: 10.616+/-0.121 χ^2/NDF: 11374.5/91

- sign 10.658+/-0.170 χ^2/NDF: 6055.8/46

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.831+/-0.250 χ^2/NDF: 562.9/20

Left Out: 8.697+/-0.169 χ^2/NDF:241.1/23

Right Out: 3.935+/-0.257 χ^2/NDF: 582.0/23

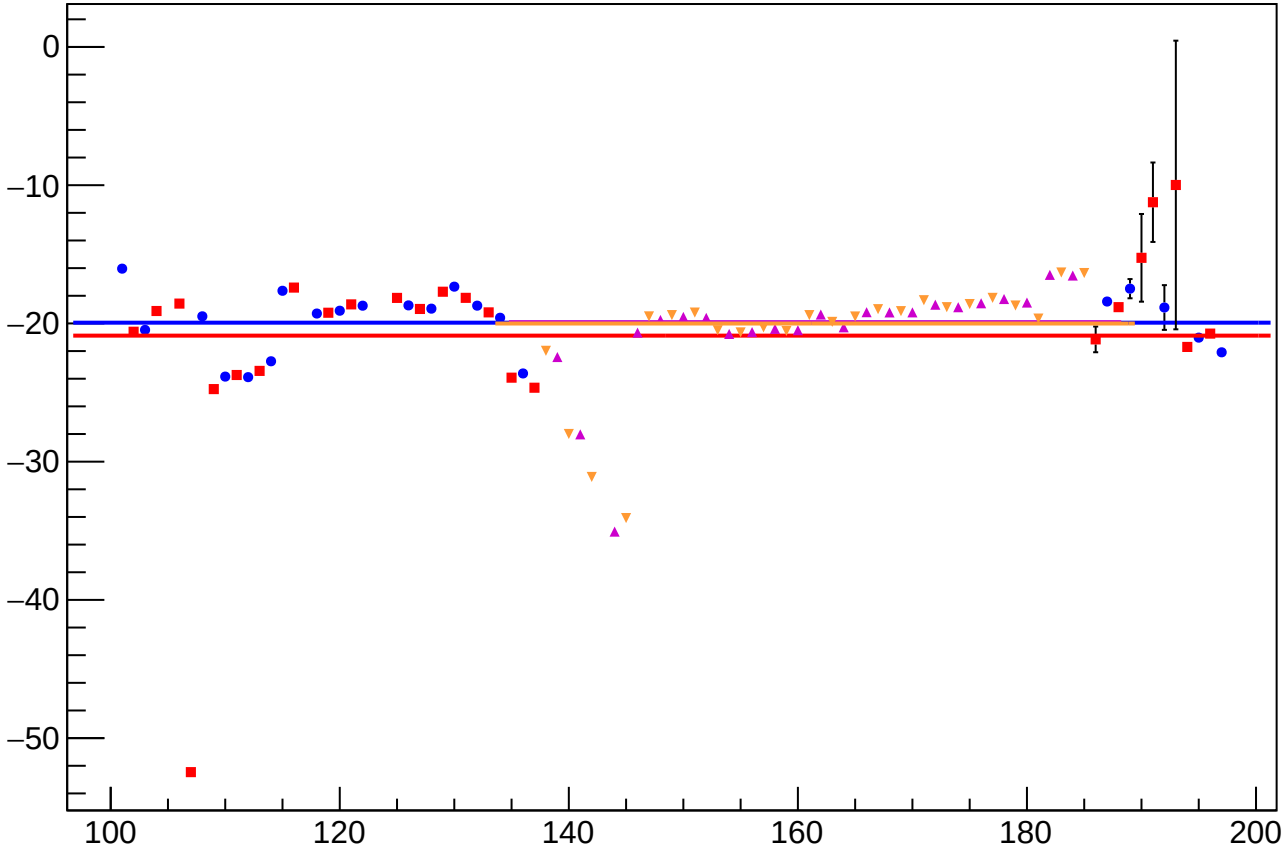
Left In: 8.659+/-0.170 χ^2/NDF:438.0/22

+ sign 7.482+/-0.140 χ^2/NDF: 968.6/44

All: 7.355+/-0.100 χ^2/NDF: 2225.5/91

- sign 7.225+/-0.142 χ^2/NDF: 1255.2/46

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.946+/-0.015 χ^2/NDF: 26552.3/20

Left Out: -20.007+/-0.008 χ^2/NDF:171647.2/23

Right Out: -20.883+/-0.015 χ^2/NDF: 92982.6/23

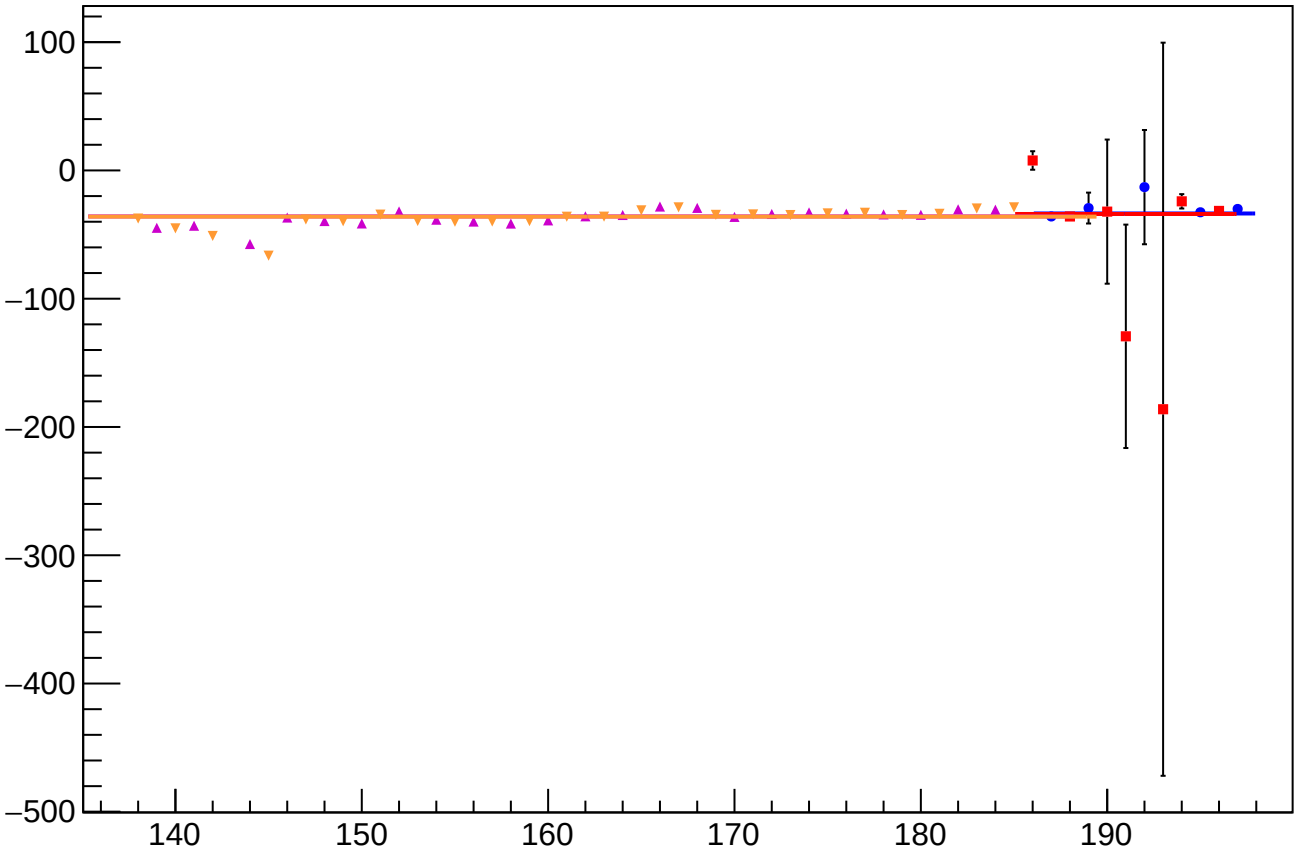
Left In: -19.912+/-0.008 χ^2/NDF:145487.3/22

+ sign -19.994+/-0.007 χ^2/NDF: 198212.1/44

All: -20.052+/-0.005 χ^2/NDF: 439959.8/91

- sign -20.110+/-0.007 χ^2/NDF: 241610.5/46

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -33.567+/-1.333 χ^2/NDF: 3.8/4

Left Out: -36.019+/-0.192 χ^2/NDF:1125.4/23

Right Out: -33.958+/-1.062 χ^2/NDF: 41.4/6

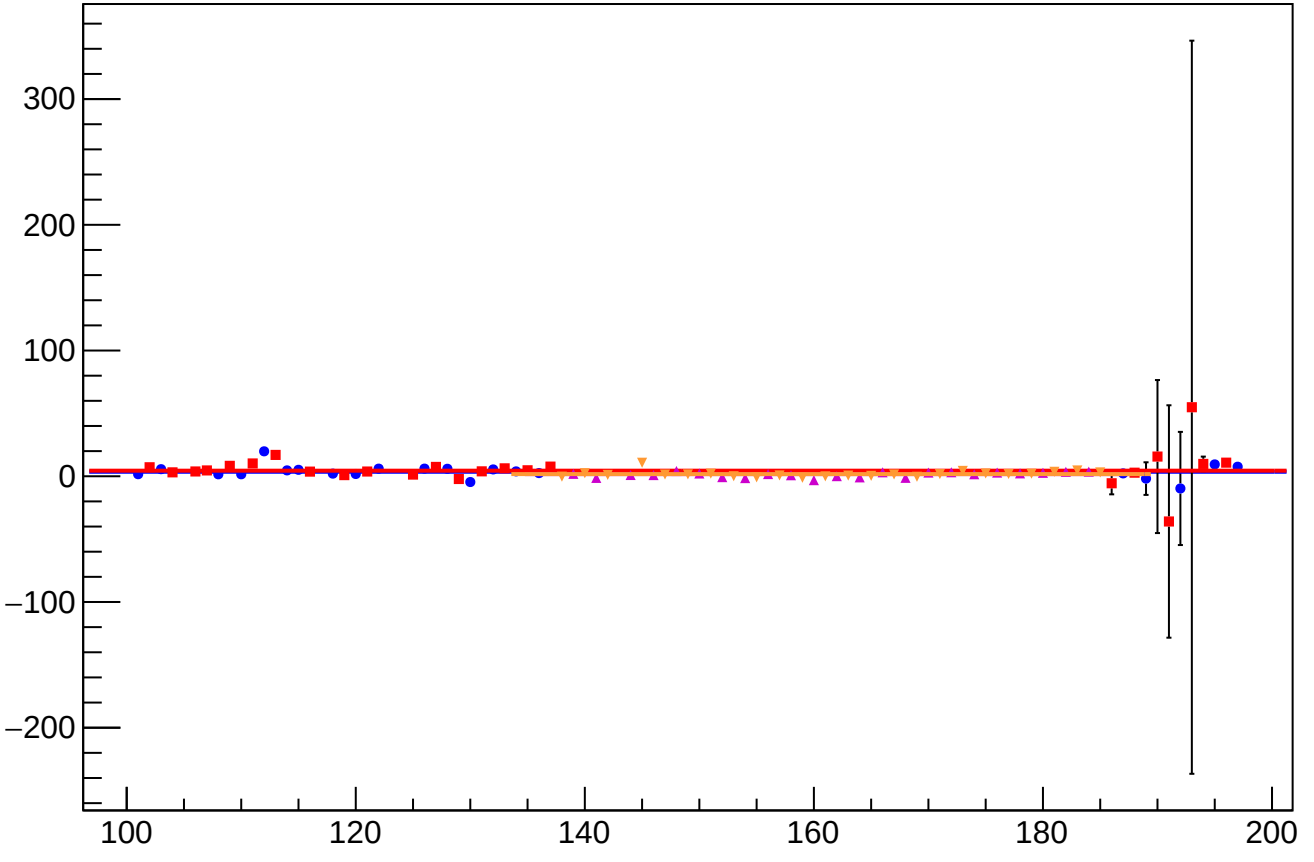
Left In: -35.856+/-0.191 χ^2/NDF:875.9/22

+ sign -35.969+/-0.190 χ^2/NDF: 1132.5/28

All: -35.882+/-0.133 χ^2/NDF: 2053.3/58

- sign -35.797+/-0.188 χ^2/NDF: 920.4/29

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.574+/-0.216 χ^2/NDF: 449.0/20

Left Out: 1.721+/-0.148 χ^2/NDF:168.3/23

Right Out: 4.437+/-0.223 χ^2/NDF: 350.6/23

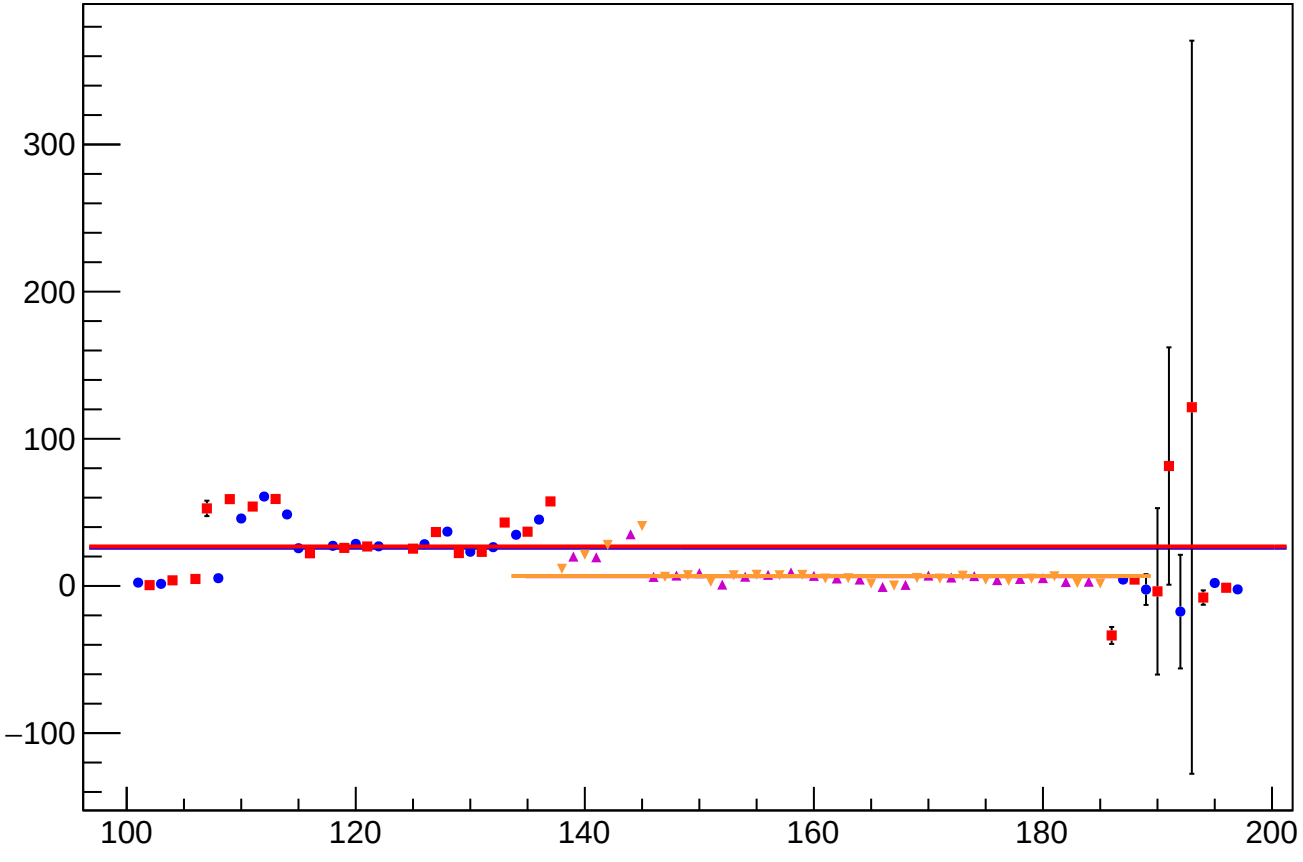
Left In: 1.712+/-0.149 χ^2/NDF:164.1/22

+ sign 2.313+/-0.122 χ^2/NDF: 667.6/44

All: 2.431+/-0.087 χ^2/NDF: 1287.4/91

- sign 2.554+/-0.124 χ^2/NDF: 617.9/46

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 25.968+/-0.390 χ^2/NDF: 2031.9/20

Left Out: 6.767+/-0.191 χ^2/NDF:1301.2/23

Right Out: 26.829+/-0.380 χ^2/NDF: 2655.8/23

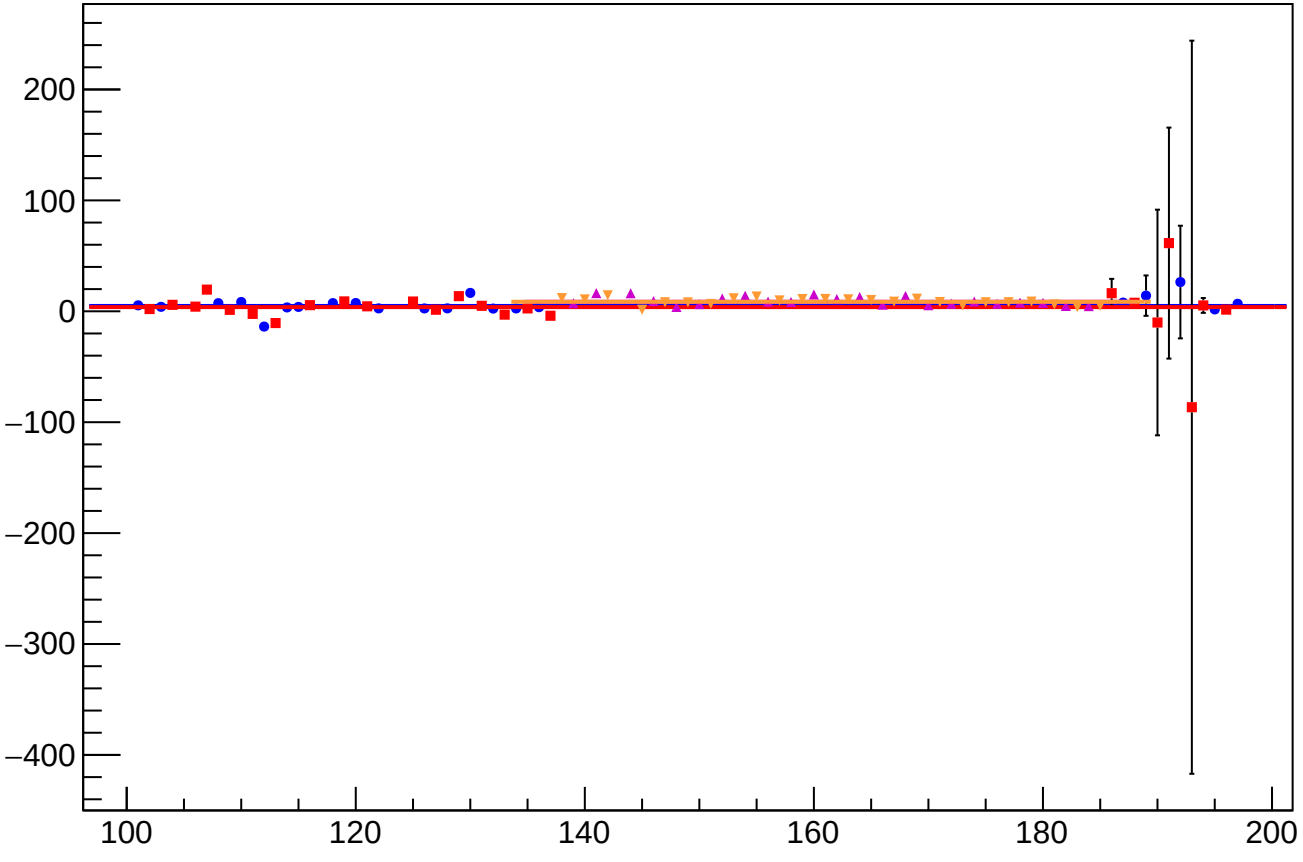
Left In: 6.635+/-0.190 χ^2/NDF:1070.4/22

+ sign 10.493+/-0.172 χ^2/NDF: 5289.0/44

All: 10.578+/-0.121 χ^2/NDF: 11276.3/91

- sign 10.661+/-0.170 χ^2/NDF: 5986.9/46

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.802+/-0.249 χ^2/NDF: 551.9/20

Left Out: 8.588+/-0.169 χ^2/NDF:245.6/23

Right Out: 3.774+/-0.257 χ^2/NDF: 566.6/23

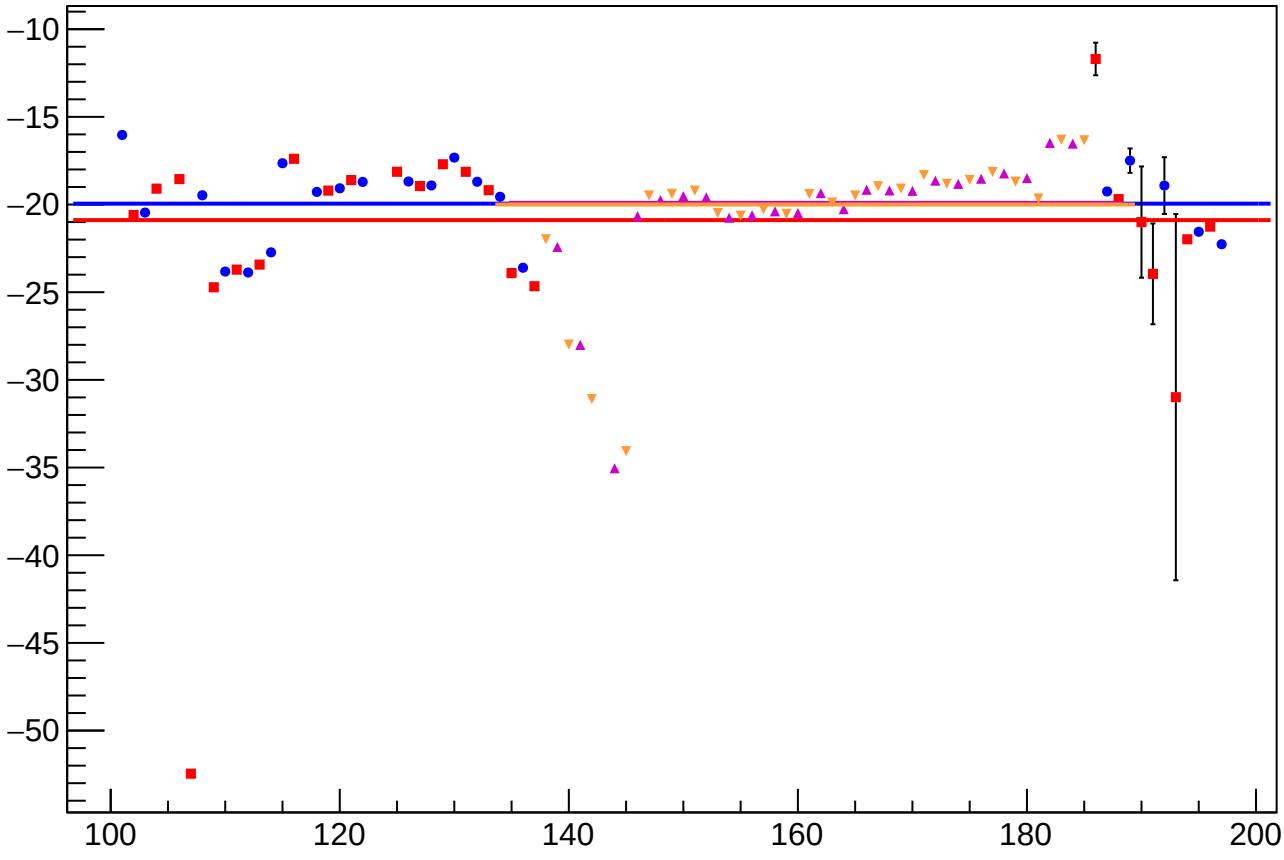
Left In: 8.573+/-0.170 χ^2/NDF:443.4/22

+ sign 7.399+/-0.140 χ^2/NDF: 955.5/44

All: 7.259+/-0.099 χ^2/NDF: 2210.6/91

- sign 7.116+/-0.142 χ^2/NDF: 1253.0/46

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.950+/-0.015 χ^2/NDF: 26684.5/20

Left Out: -19.999+/-0.008 χ^2/NDF:171834.0/23

Right Out: -20.889+/-0.015 χ^2/NDF: 93067.4/23

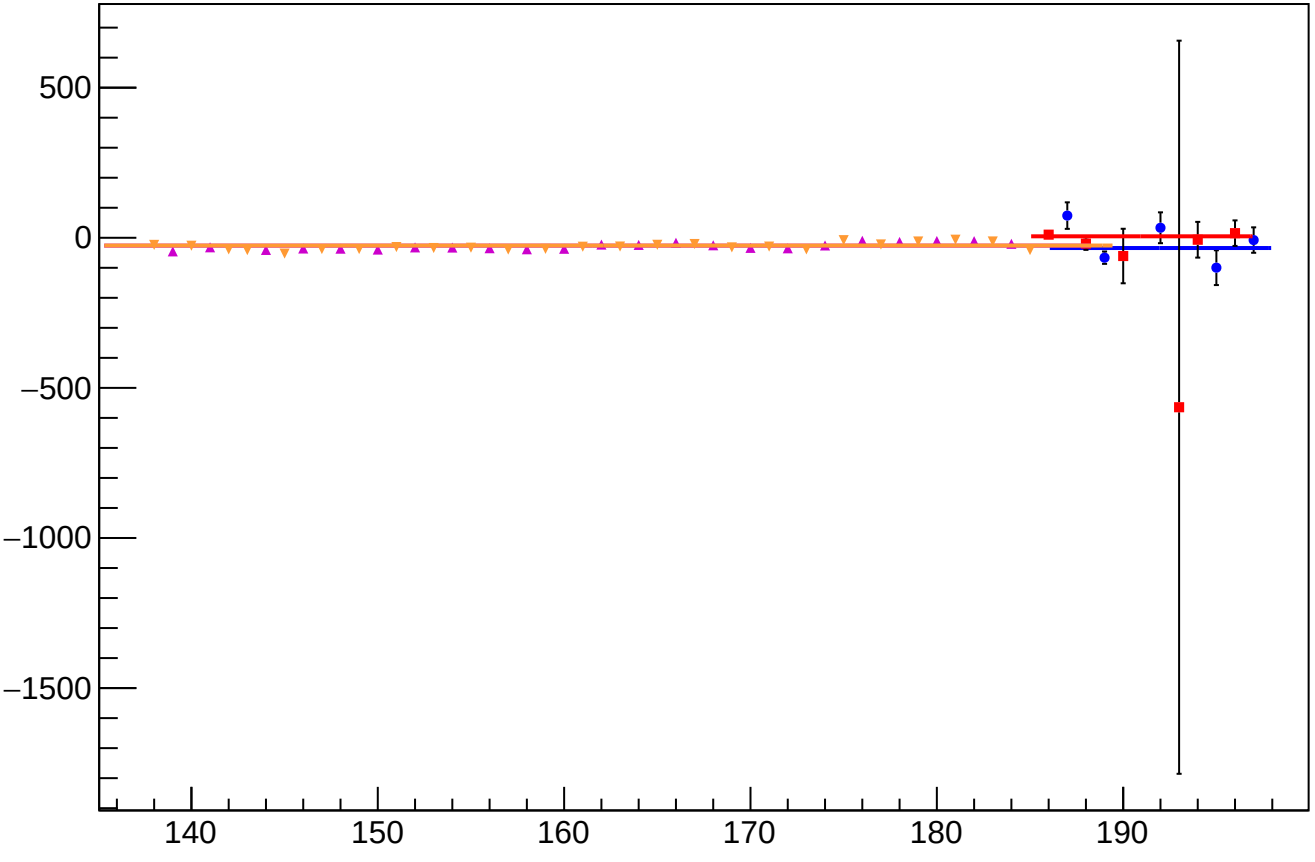
Left In: -19.905+/-0.008 χ^2/NDF:145346.7/22

+ sign -19.989+/-0.007 χ^2/NDF: 198526.7/44

All: -20.047+/-0.005 χ^2/NDF: 440310.1/91

- sign -20.105+/-0.007 χ^2/NDF: 241645.4/46

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -34.142+/-15.590 χ^2/NDF: 11.8/4

Left Out: -25.804+/-0.192 χ^2/NDF:4127.8/24

Right Out: 4.897+/-8.315 χ^2/NDF: 2.5/5

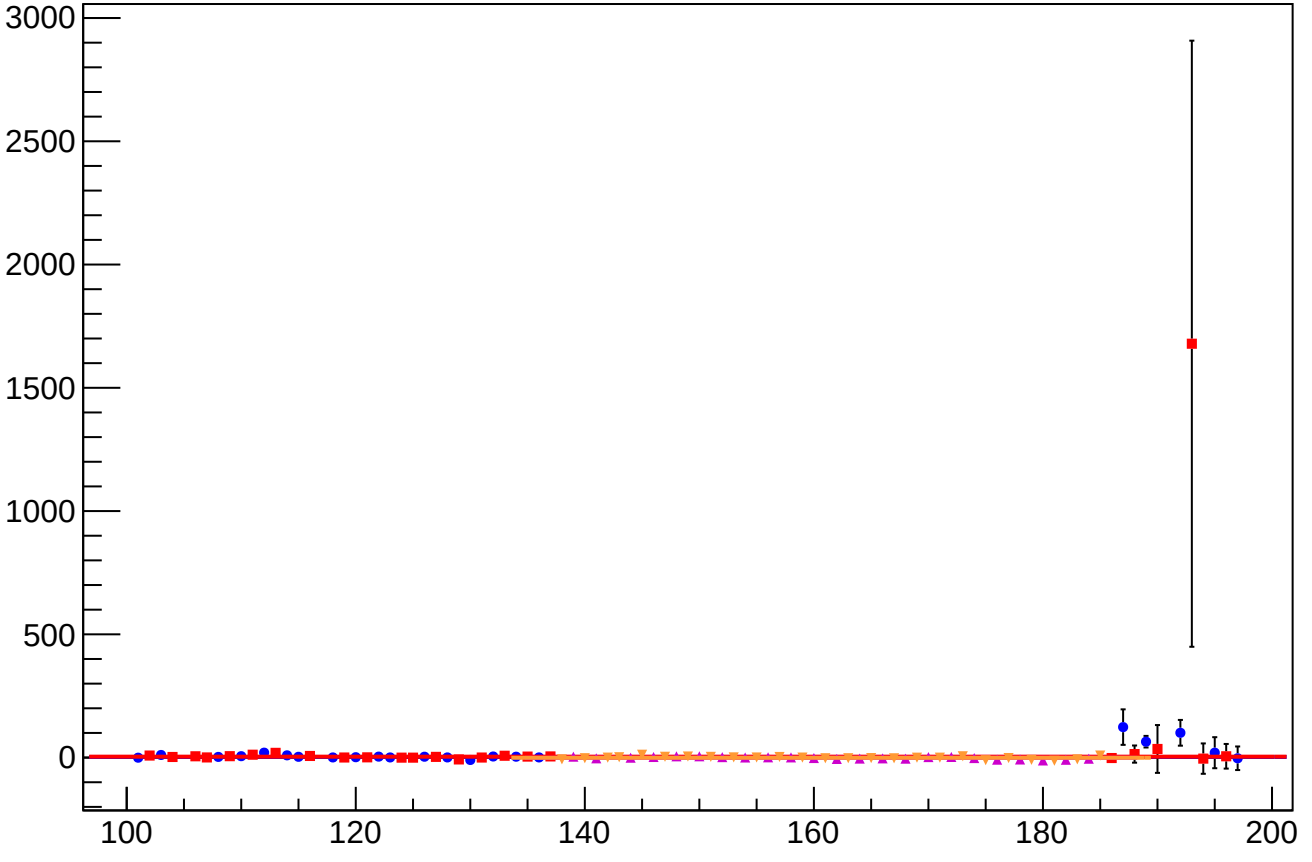
Left In: -26.204+/-0.194 χ^2/NDF:3377.8/22

+ sign -25.806+/-0.192 χ^2/NDF: 4139.9/29

All: -25.994+/-0.137 χ^2/NDF: 7536.1/58

- sign -26.187+/-0.194 χ^2/NDF: 3394.3/28

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.460+/-0.311 χ^2/NDF: 308.7/21

Left Out: -0.681+/-0.147 χ^2/NDF:1314.3/24

Right Out: 3.723+/-0.327 χ^2/NDF: 271.4/23

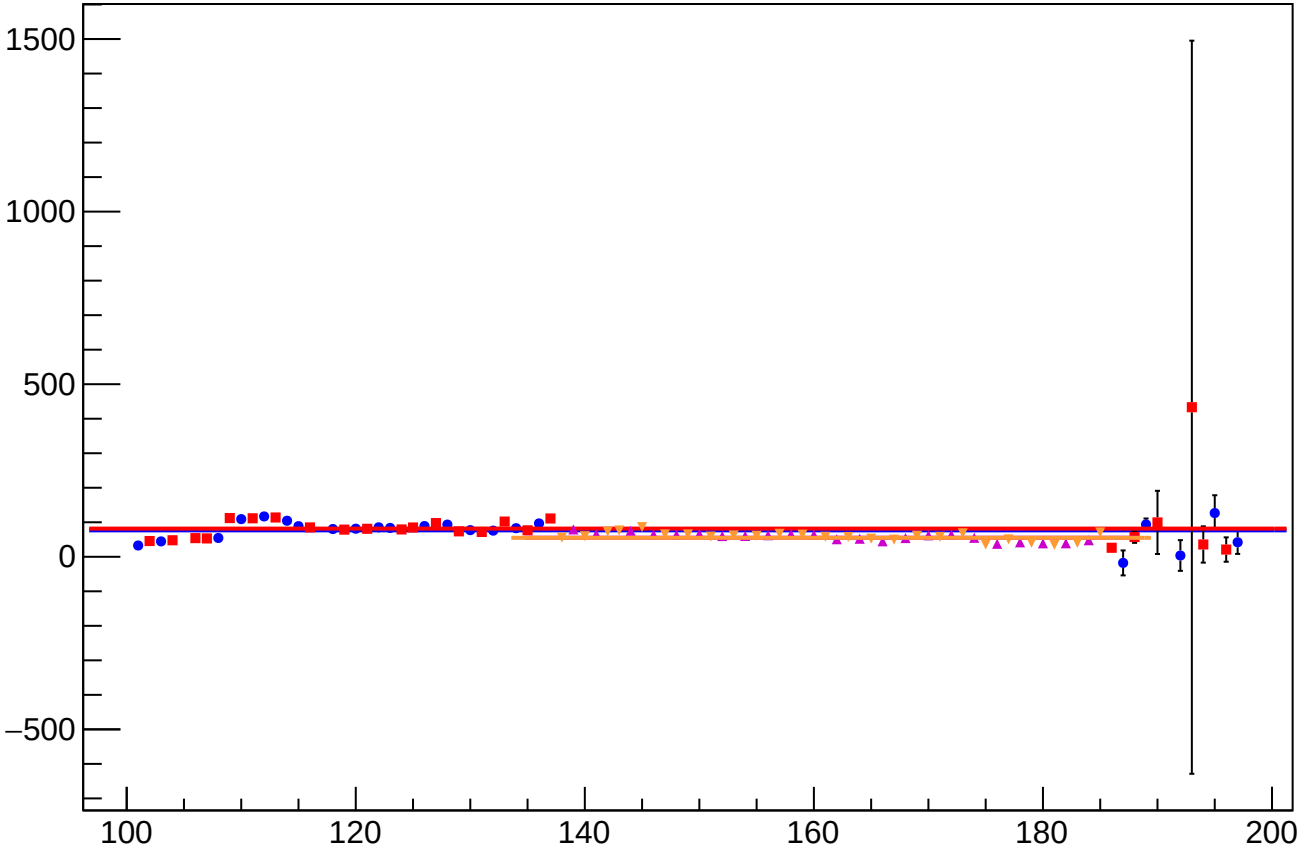
Left In: -0.842+/-0.150 χ^2/NDF:1071.6/22

+ sign -0.110+/-0.133 χ^2/NDF: 1706.5/46

All: -0.079+/-0.095 χ^2/NDF: 3210.7/93

- sign -0.047+/-0.136 χ^2/NDF: 1504.1/46

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.552+/-0.573 χ^2/NDF: 2266.0/21

Left Out: 55.000+/-0.192 χ^2/NDF:4524.8/24

Right Out: 81.685+/-0.590 χ^2/NDF: 1607.9/23

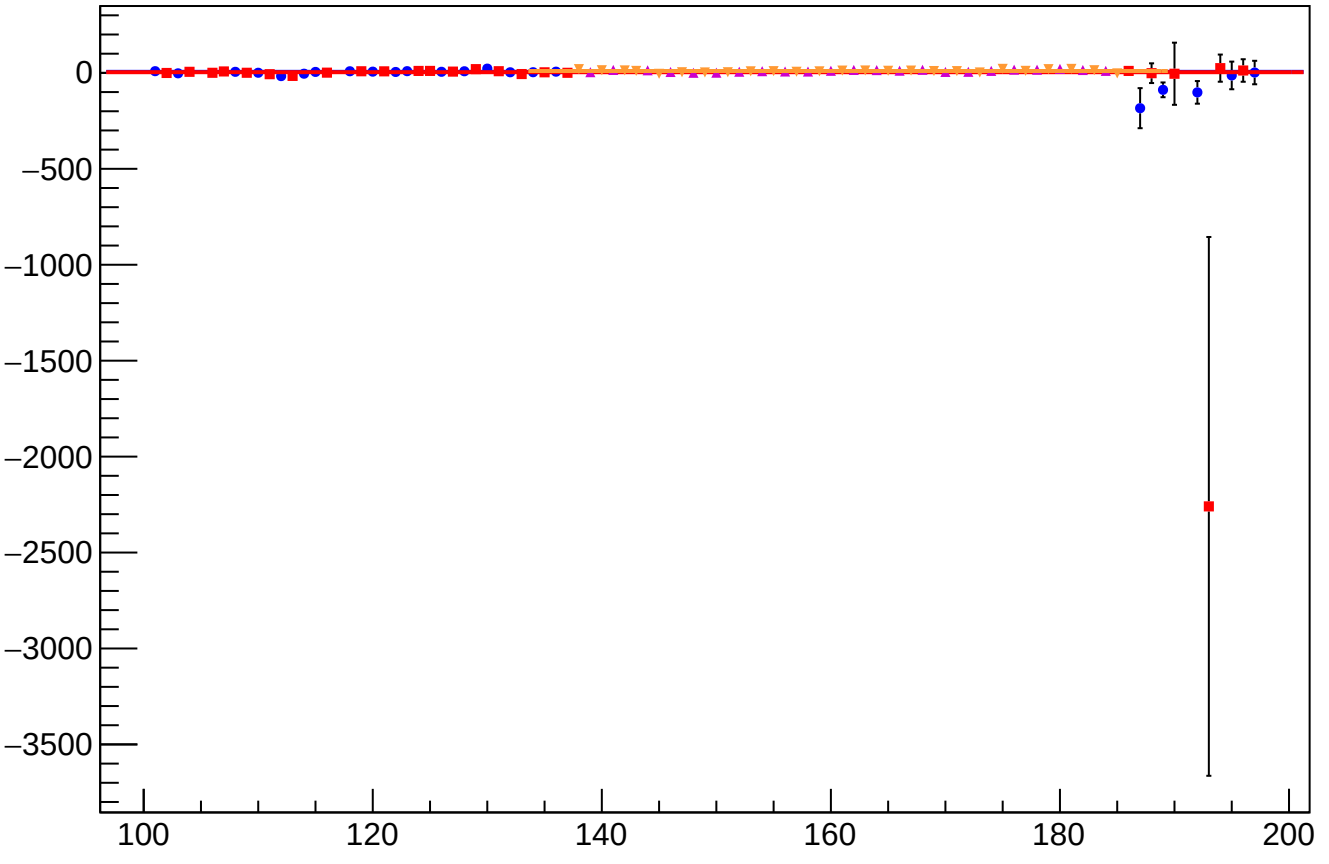
Left In: 55.225+/-0.193 χ^2/NDF:3825.0/22

+ sign 57.174+/-0.182 χ^2/NDF: 8063.9/46

All: 57.472+/-0.129 χ^2/NDF: 15316.7/93

- sign 57.774+/-0.183 χ^2/NDF: 7247.4/46

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.427+/-0.357 χ^2/NDF: 400.1/21

Left Out: 9.750+/-0.168 χ^2/NDF:1449.2/24

Right Out: 3.583+/-0.375 χ^2/NDF: 425.9/23

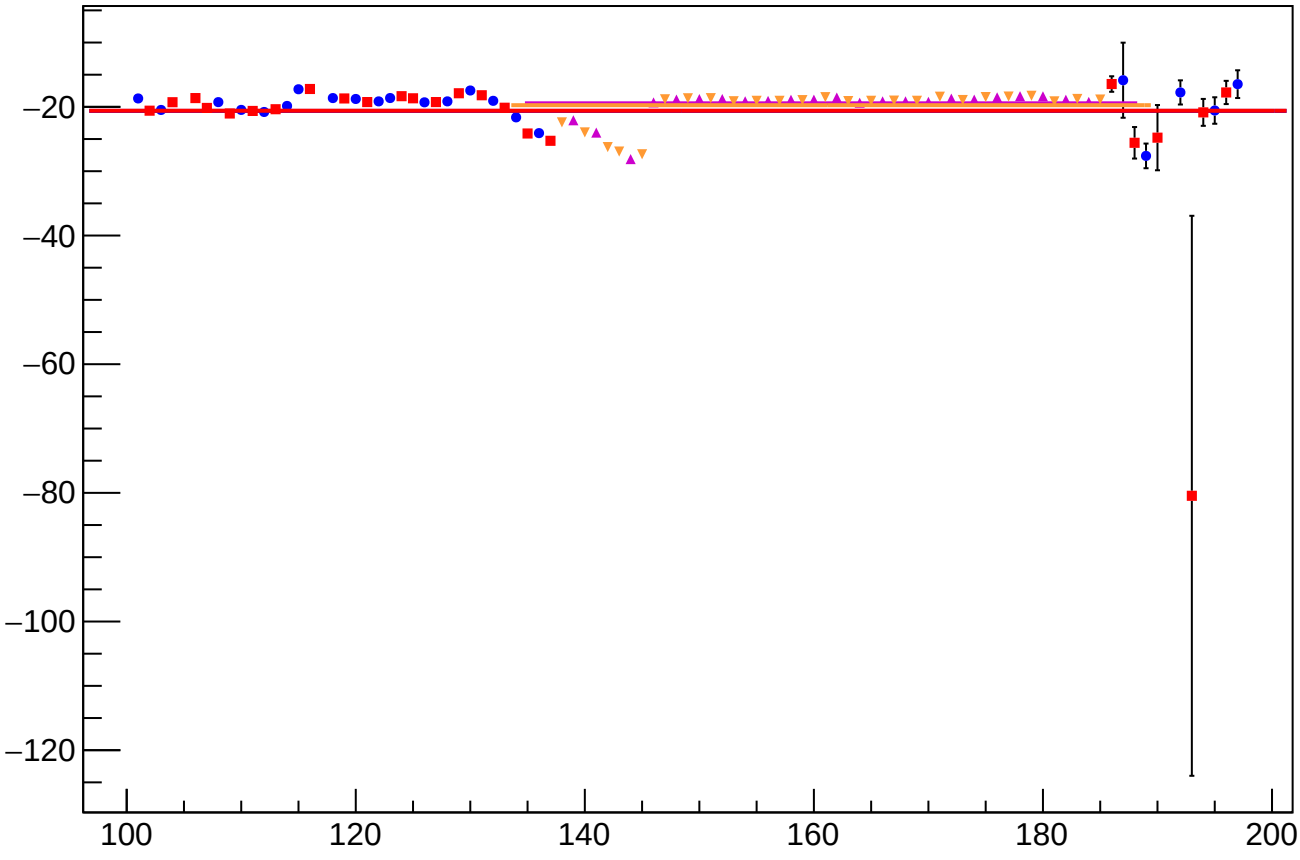
Left In: 9.775+/-0.171 χ^2/NDF:1165.6/22

+ sign 8.966+/-0.152 χ^2/NDF: 1969.1/46

All: 8.840+/-0.109 χ^2/NDF: 3787.2/93

- sign 8.708+/-0.156 χ^2/NDF: 1816.7/46

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630+/-0.019 χ^2/NDF: 12510.5/21

Left Out: -19.738+/-0.008 χ^2/NDF:88495.2/24

Right Out: -20.601+/-0.019 χ^2/NDF: 11972.1/23

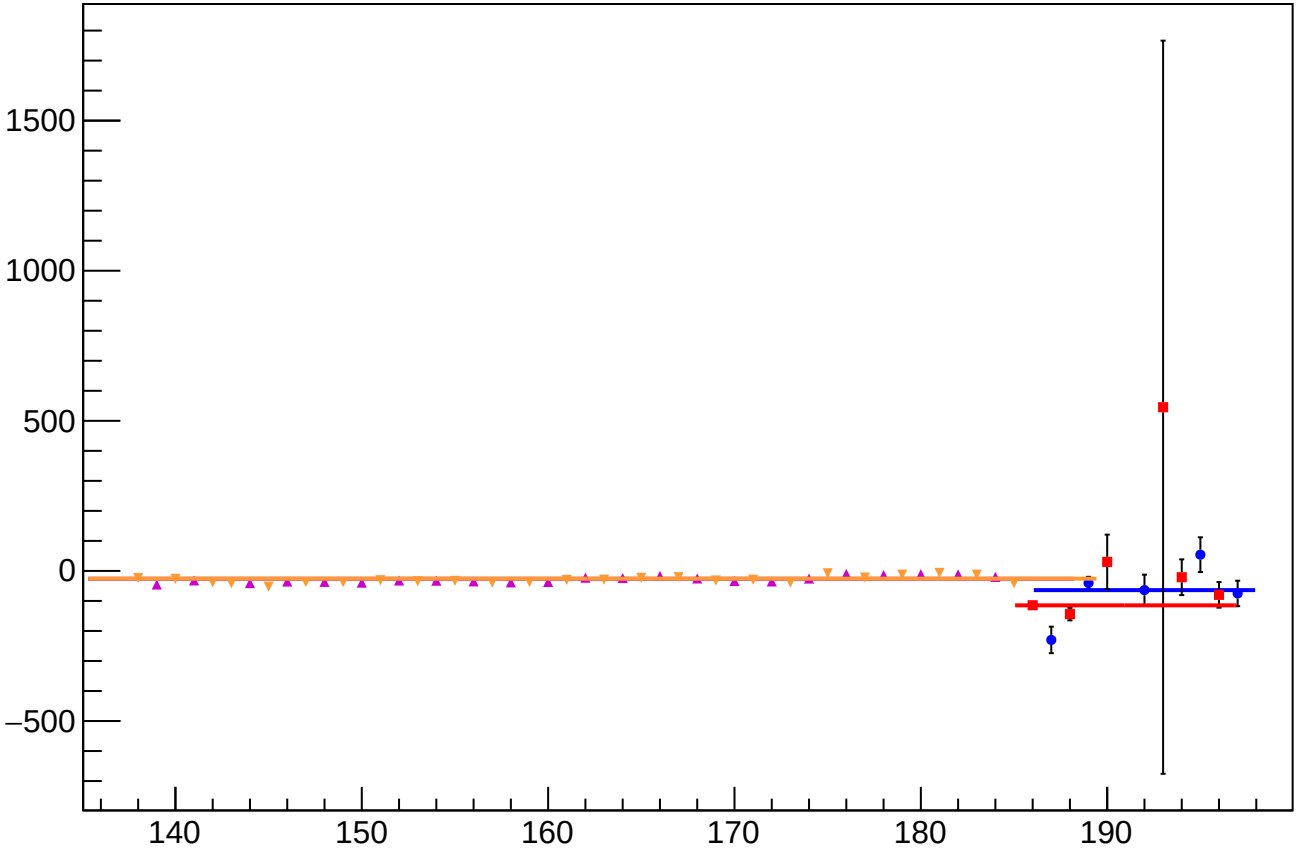
Left In: -19.448+/-0.008 χ^2/NDF:54039.2/22

+ sign -19.867+/-0.007 χ^2/NDF: 102839.9/46

All: -19.740+/-0.005 χ^2/NDF: 172473.1/93

- sign -19.612+/-0.007 χ^2/NDF: 69027.6/46

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -63.973+/-15.602 χ^2/NDF: 19.7/4

Left Out: -25.814+/-0.192 χ^2/NDF:4094.6/24

Right Out: -114.648+/-8.321 χ^2/NDF: 7.9/5

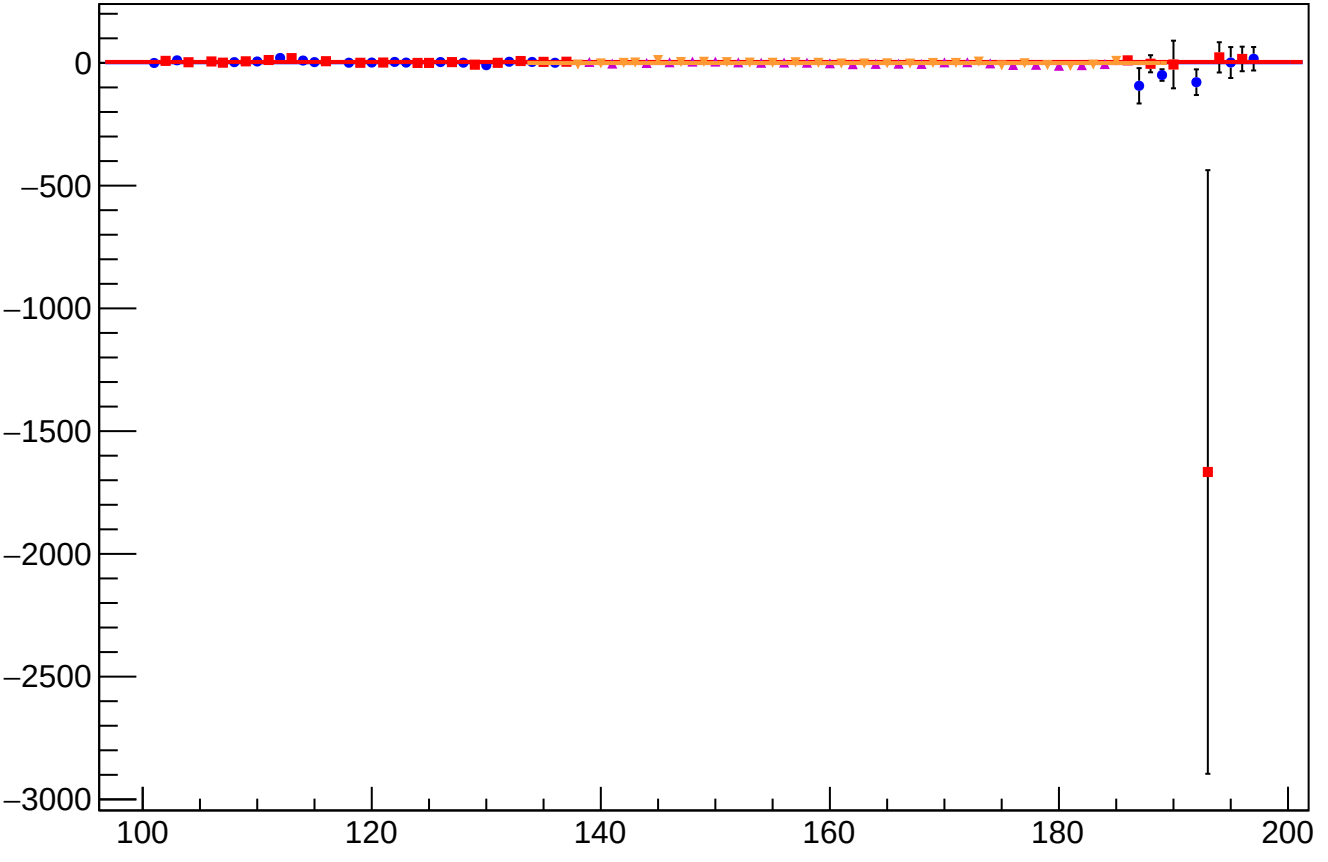
Left In: -26.200+/-0.194 χ^2/NDF:3344.6/22

+ sign -25.820+/-0.192 χ^2/NDF: 4120.2/29

All: -26.032+/-0.137 χ^2/NDF: 7588.2/58

- sign -26.248+/-0.194 χ^2/NDF: 3465.5/28

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.435+/-0.311 χ^2/NDF: 302.5/21

Left Out: -0.625+/-0.147 χ^2/NDF:1303.5/24

Right Out: 3.863+/-0.327 χ^2/NDF: 271.2/23

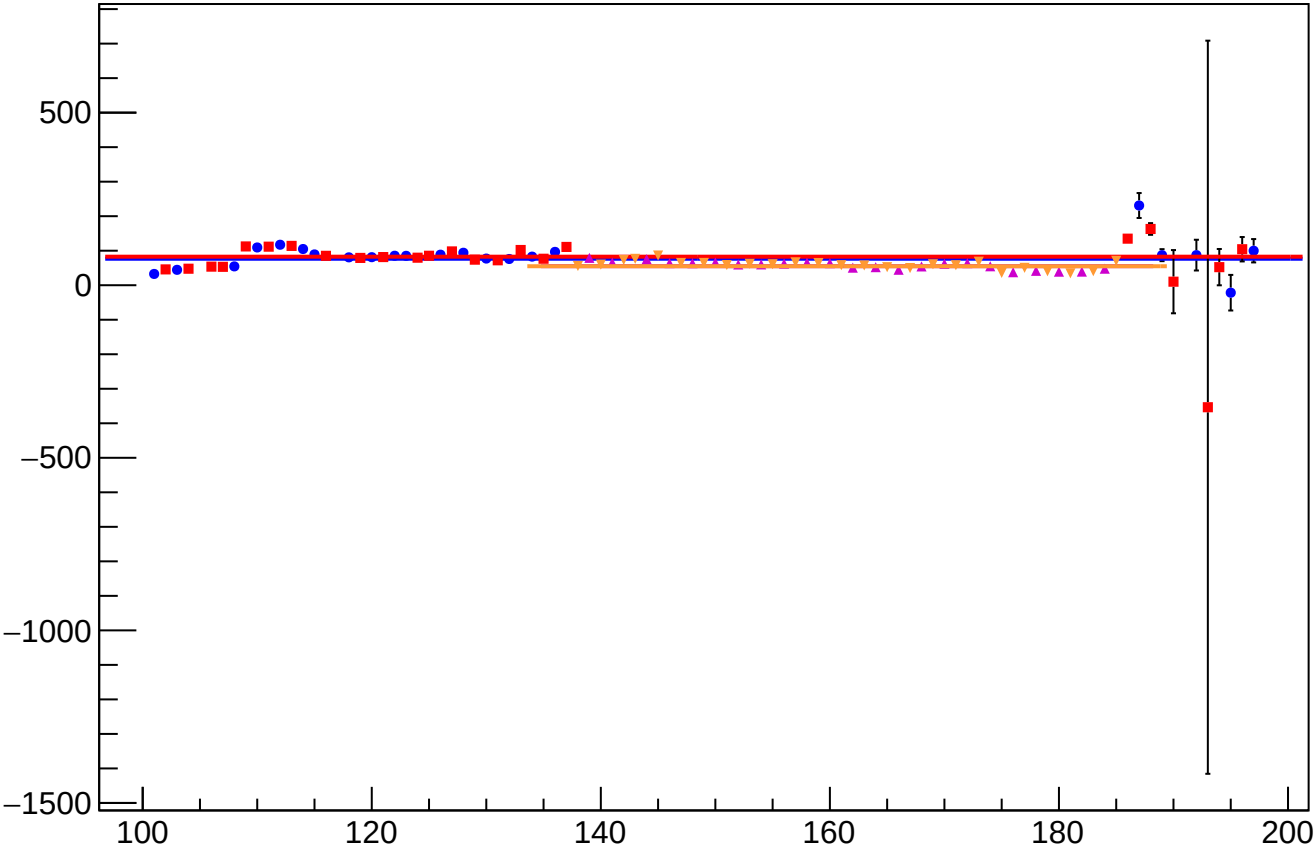
Left In: -0.773+/-0.150 χ^2/NDF:1111.4/22

+ sign -0.068+/-0.133 χ^2/NDF: 1685.1/46

All: -0.018+/-0.095 χ^2/NDF: 3234.0/93

- sign 0.034+/-0.137 χ^2/NDF: 1548.6/46

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.733+/-0.573 χ^2/NDF: 2287.8/21

Left Out: 55.008+/-0.192 χ^2/NDF:4502.1/24

Right Out: 82.670+/-0.591 χ^2/NDF: 1622.0/23

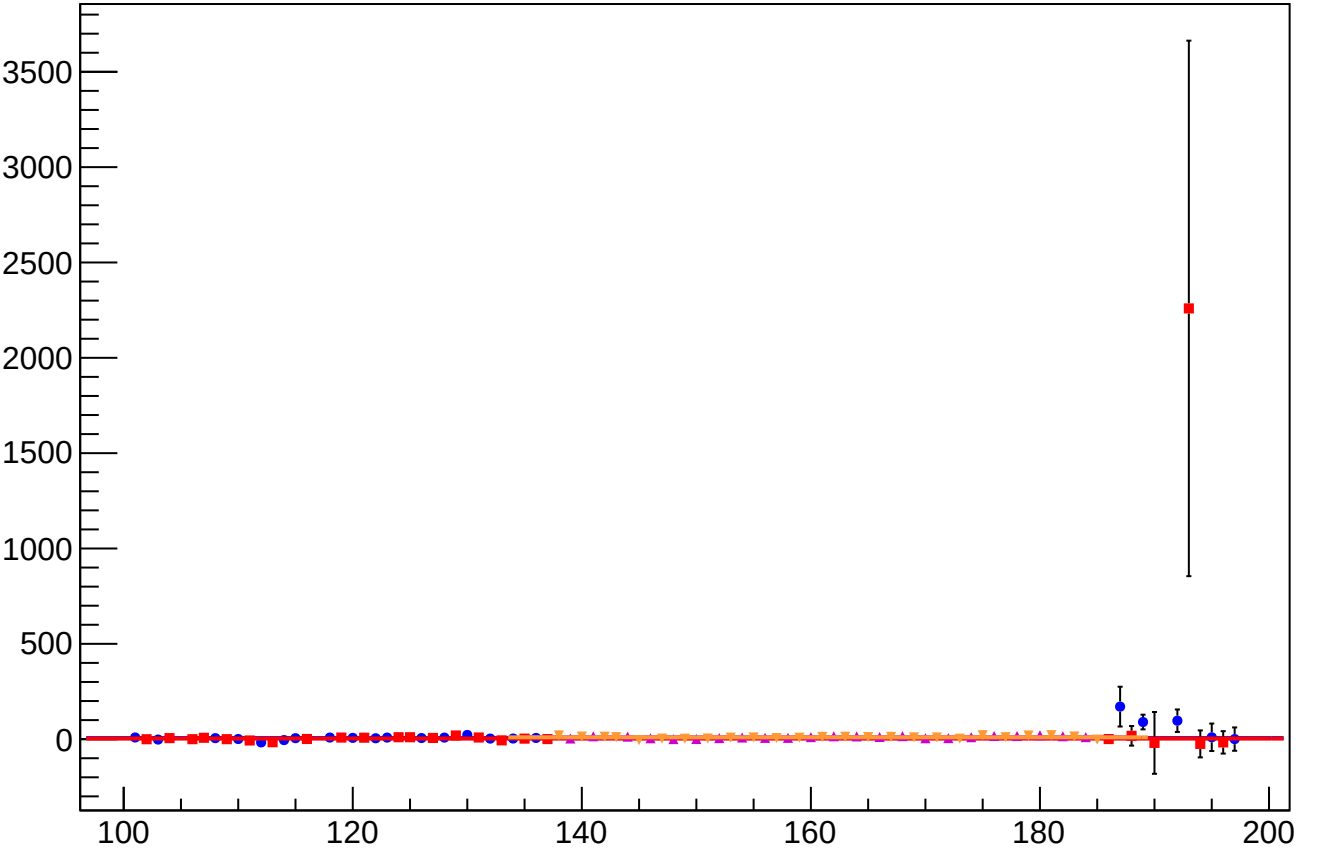
Left In: 55.252+/-0.193 χ^2/NDF:3786.2/22

+ sign 57.200+/-0.182 χ^2/NDF: 8082.1/46

All: 57.544+/-0.129 χ^2/NDF: 15443.5/93

- sign 57.894+/-0.183 χ^2/NDF: 7354.2/46

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.452+/-0.357 χ^2/NDF: 395.7/21

Left Out: 9.691+/-0.168 χ^2/NDF:1440.3/24

Right Out: 3.422+/-0.376 χ^2/NDF: 425.8/23

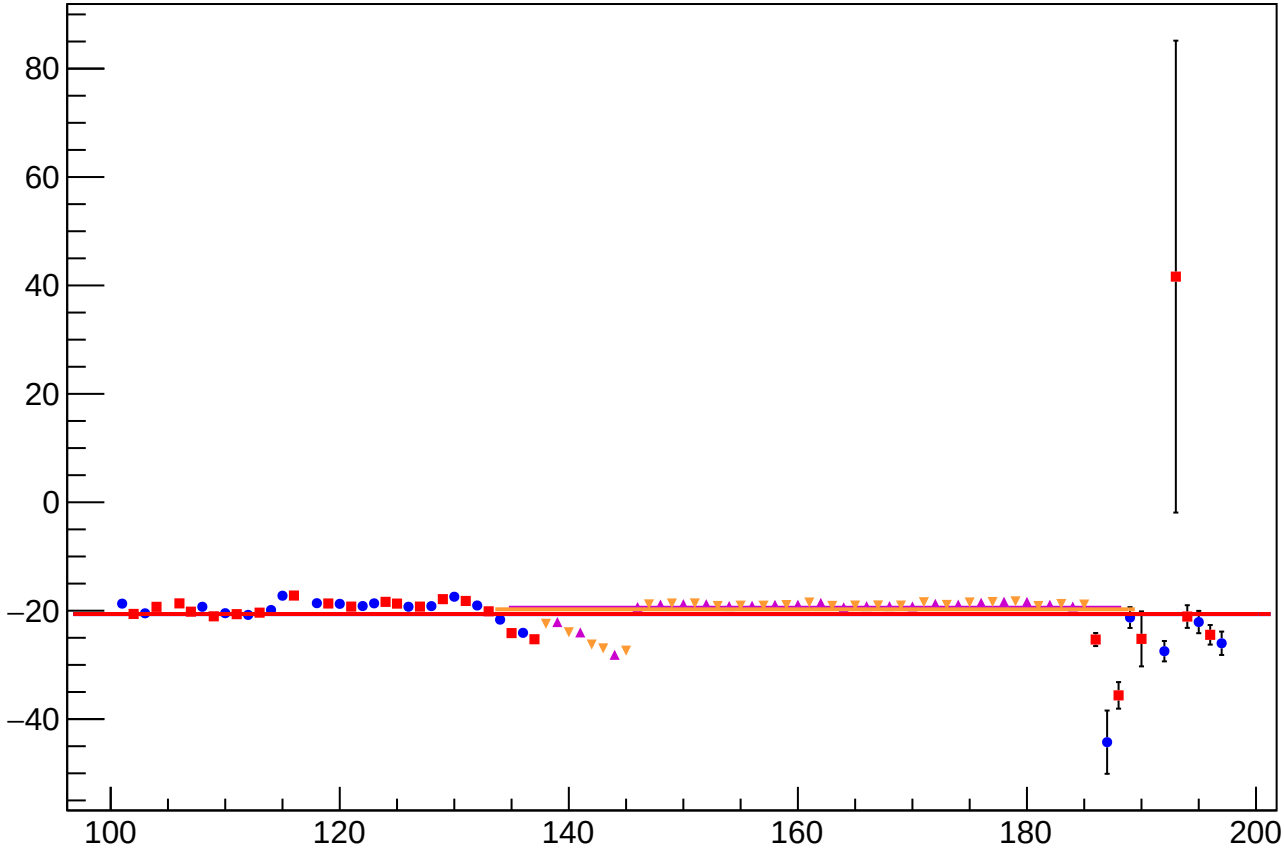
Left In: 9.708+/-0.171 χ^2/NDF:1198.0/22

+ sign 8.922+/-0.152 χ^2/NDF: 1951.0/46

All: 8.777+/-0.109 χ^2/NDF: 3808.6/93

- sign 8.625+/-0.156 χ^2/NDF: 1855.7/46

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.633+/-0.019 χ^2/NDF: 12567.2/21

Left Out: -19.746+/-0.008 χ^2/NDF:88374.4/24

Right Out: -20.608+/-0.019 χ^2/NDF: 11960.6/23

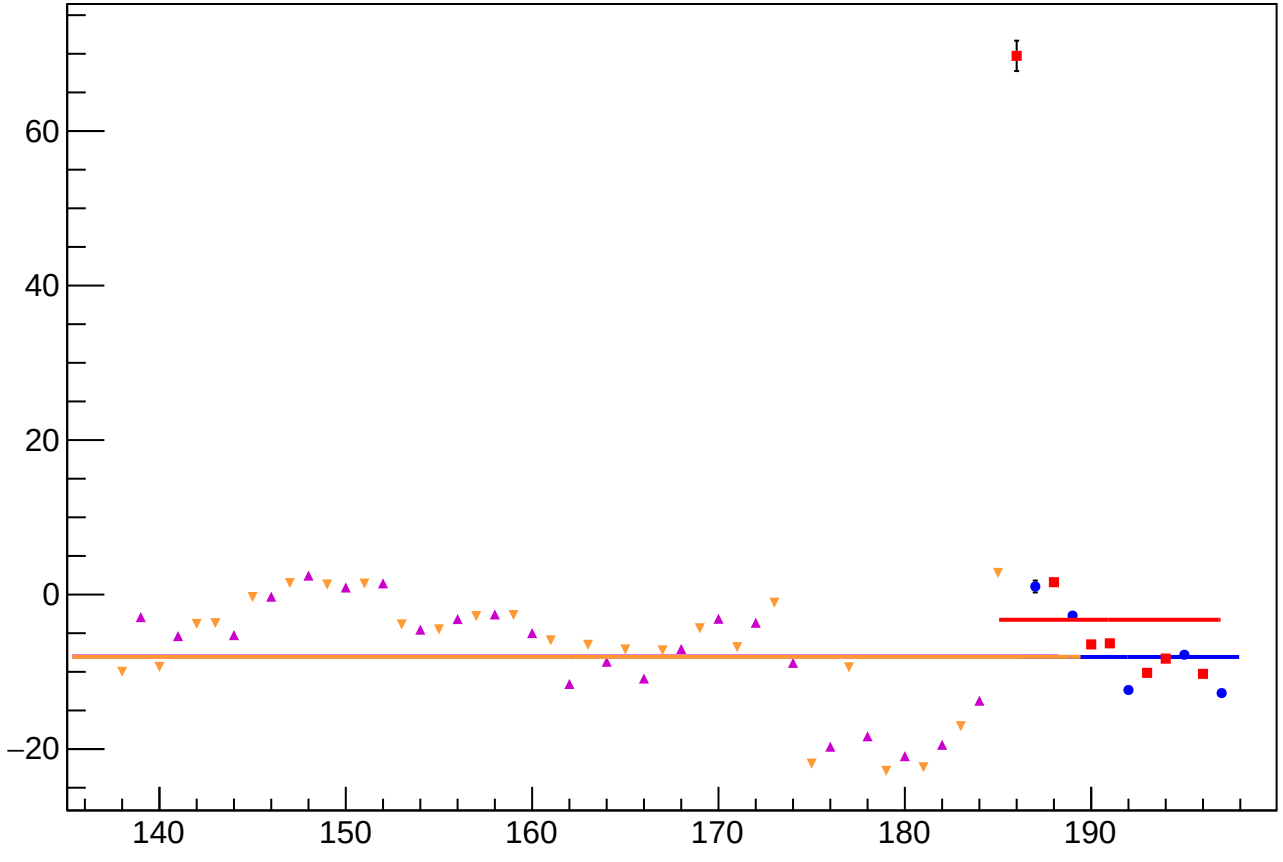
Left In: -19.457+/-0.008 χ^2/NDF:53995.4/22

+ sign -19.874+/-0.007 χ^2/NDF: 102752.6/46

All: -19.748+/-0.005 χ^2/NDF: 172303.5/93

- sign -19.621+/-0.007 χ^2/NDF: 68955.3/46

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -8.077+/-0.192 χ^2/NDF: 576.9/4

Left Out: -8.058+/-0.070 χ^2/NDF:12532.2/24

Right Out: -3.258+/-0.130 χ^2/NDF: 3005.2/6

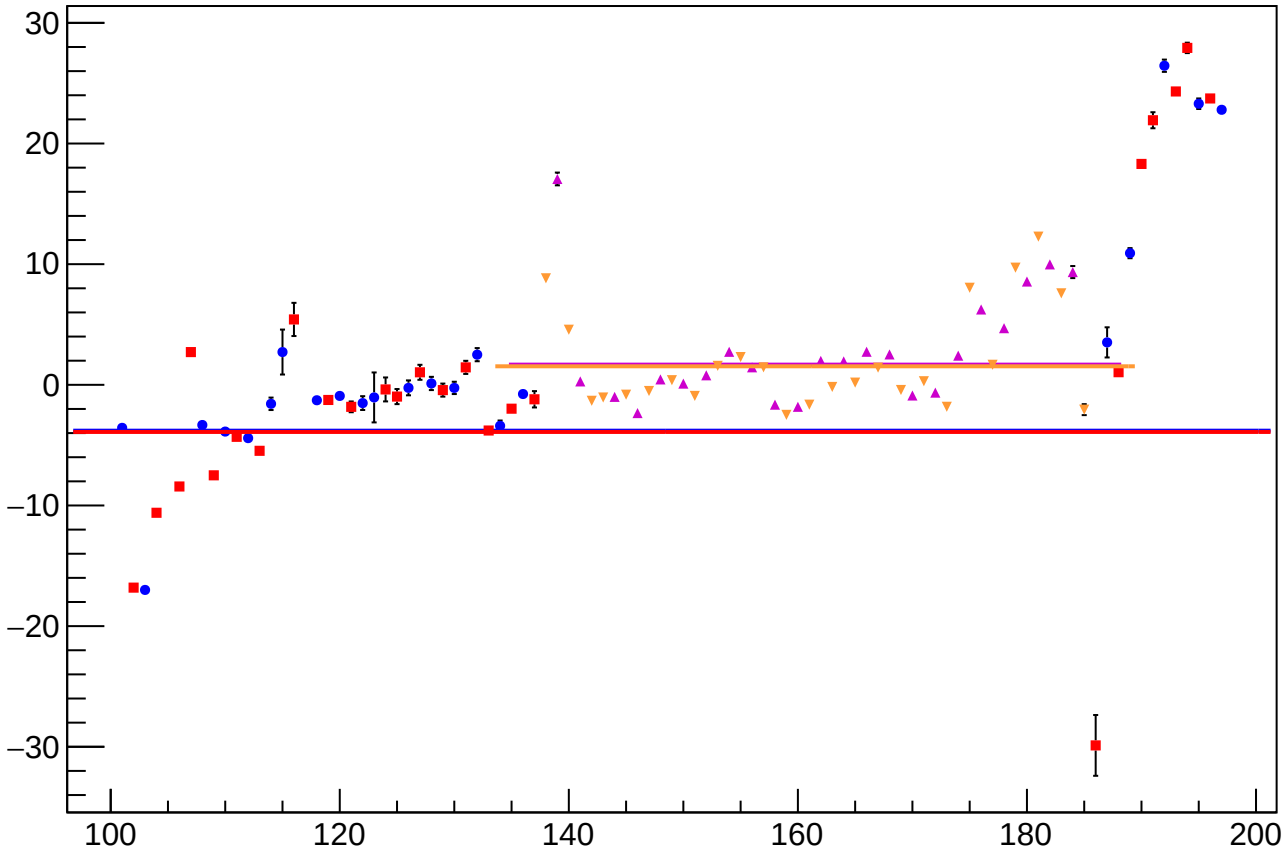
Left In: -8.010+/-0.071 χ^2/NDF:10631.2/22

+ sign -8.060+/-0.066 χ^2/NDF: 13109.1/29

All: -7.450+/-0.045 χ^2/NDF: 27938.2/59

- sign -6.904+/-0.063 χ^2/NDF: 14667.5/29

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -3.802+/-0.053 χ^2/NDF: 23832.2/21

Left Out: 1.535+/-0.055 χ^2/NDF:4816.7/24

Right Out: -3.905+/-0.056 χ^2/NDF: 34006.6/24

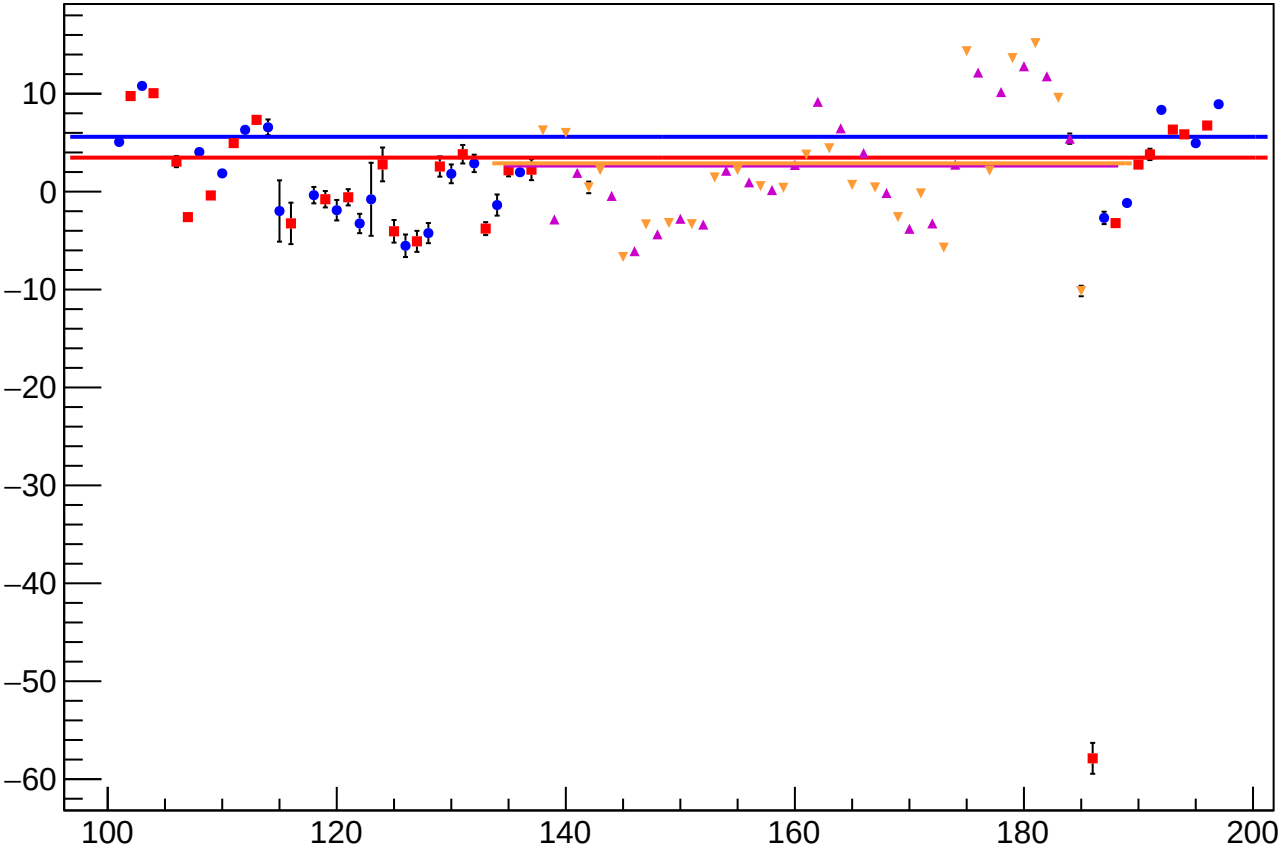
Left In: 1.673+/-0.056 χ^2/NDF:4106.3/22

+ sign -1.209+/-0.038 χ^2/NDF: 33579.3/46

All: -1.174+/-0.027 χ^2/NDF: 76618.6/94

- sign -1.136+/-0.040 χ^2/NDF: 43037.5/47

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.599+/-0.079 χ^2/NDF: 2165.9/21

Left Out: 2.891+/-0.070 χ^2/NDF:8889.4/24

Right Out: 3.473+/-0.073 χ^2/NDF: 6785.1/24

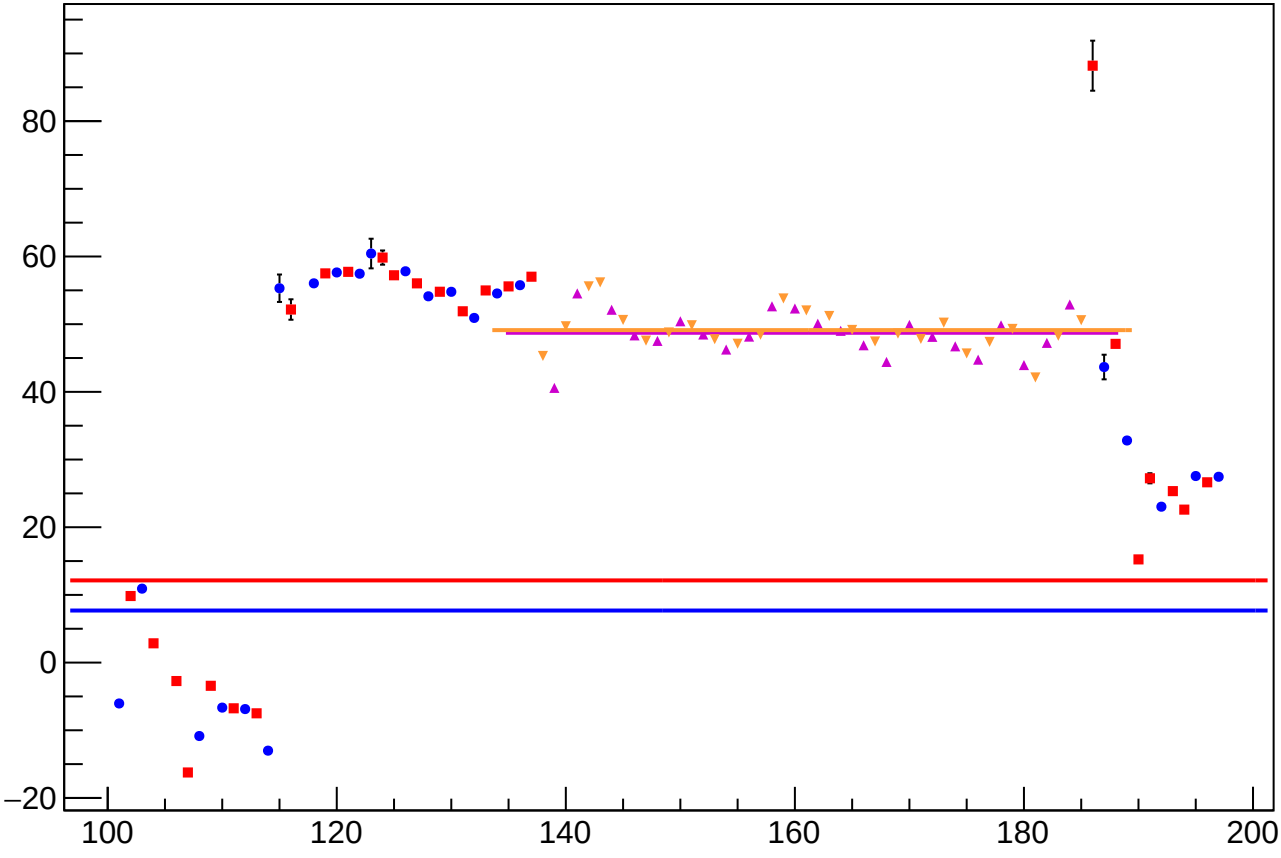
Left In: 2.663+/-0.071 χ^2/NDF:7308.8/22

+ sign 4.092+/-0.053 χ^2/NDF: 11711.7/46

All: 3.558+/-0.037 χ^2/NDF: 26069.1/94

- sign 3.059+/-0.051 χ^2/NDF: 14157.4/47

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 7.692+/-0.063 χ^2/NDF: 130137.2/21

Left Out: 49.121+/-0.062 χ^2/NDF:2165.4/24

Right Out: 12.143+/-0.067 χ^2/NDF: 133356.1/24

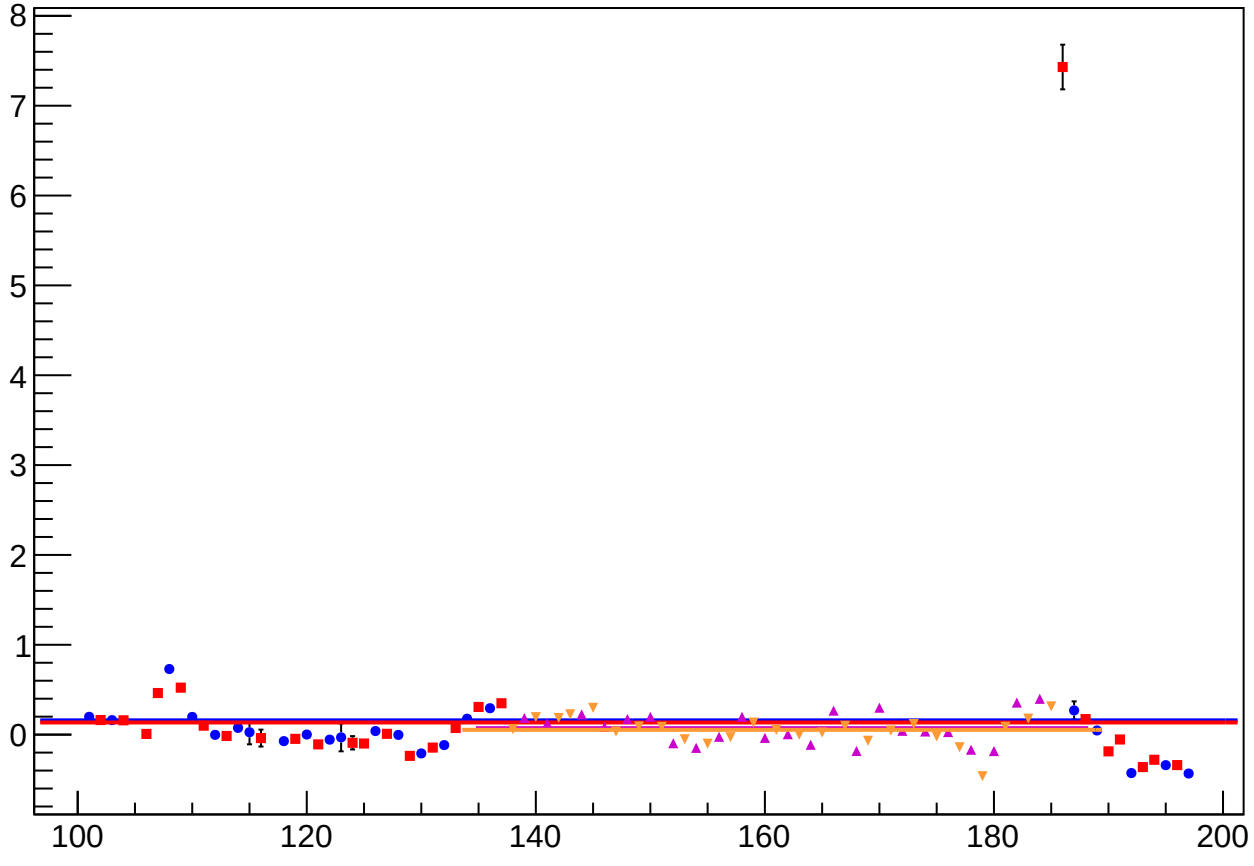
Left In: 48.731+/-0.064 χ^2/NDF:2117.7/22

+ sign 28.701+/-0.044 χ^2/NDF: 353229.8/46

All: 29.971+/-0.032 χ^2/NDF: 647786.1/94

- sign 31.359+/-0.046 χ^2/NDF: 292816.5/47

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.159+/-0.003 χ^2/NDF: 8341.6/21

Left Out: 0.053+/-0.003 χ^2/NDF:2369.3/24

Right Out: 0.135+/-0.003 χ^2/NDF: 7361.4/24

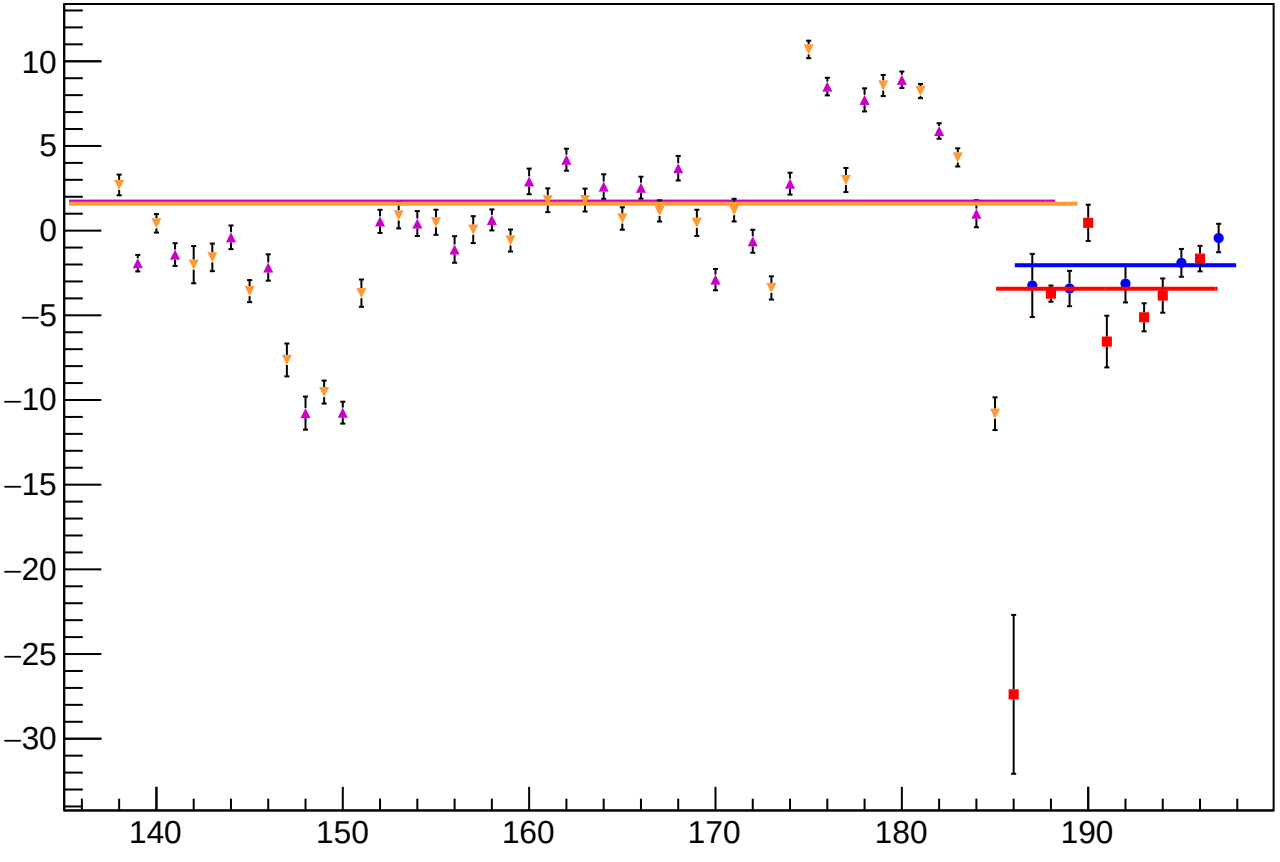
Left In: 0.072+/-0.003 χ^2/NDF:3272.0/22

+ sign 0.110+/-0.002 χ^2/NDF: 11458.3/46

All: 0.109+/-0.001 χ^2/NDF: 22369.1/94

- sign 0.107+/-0.002 χ^2/NDF: 10909.6/47

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -2.042+/-0.451 χ^2/NDF: 6.8/4

Left Out: 1.590+/-0.133 χ^2/NDF:1457.4/24

Right Out: -3.431+/-0.317 χ^2/NDF: 53.8/6

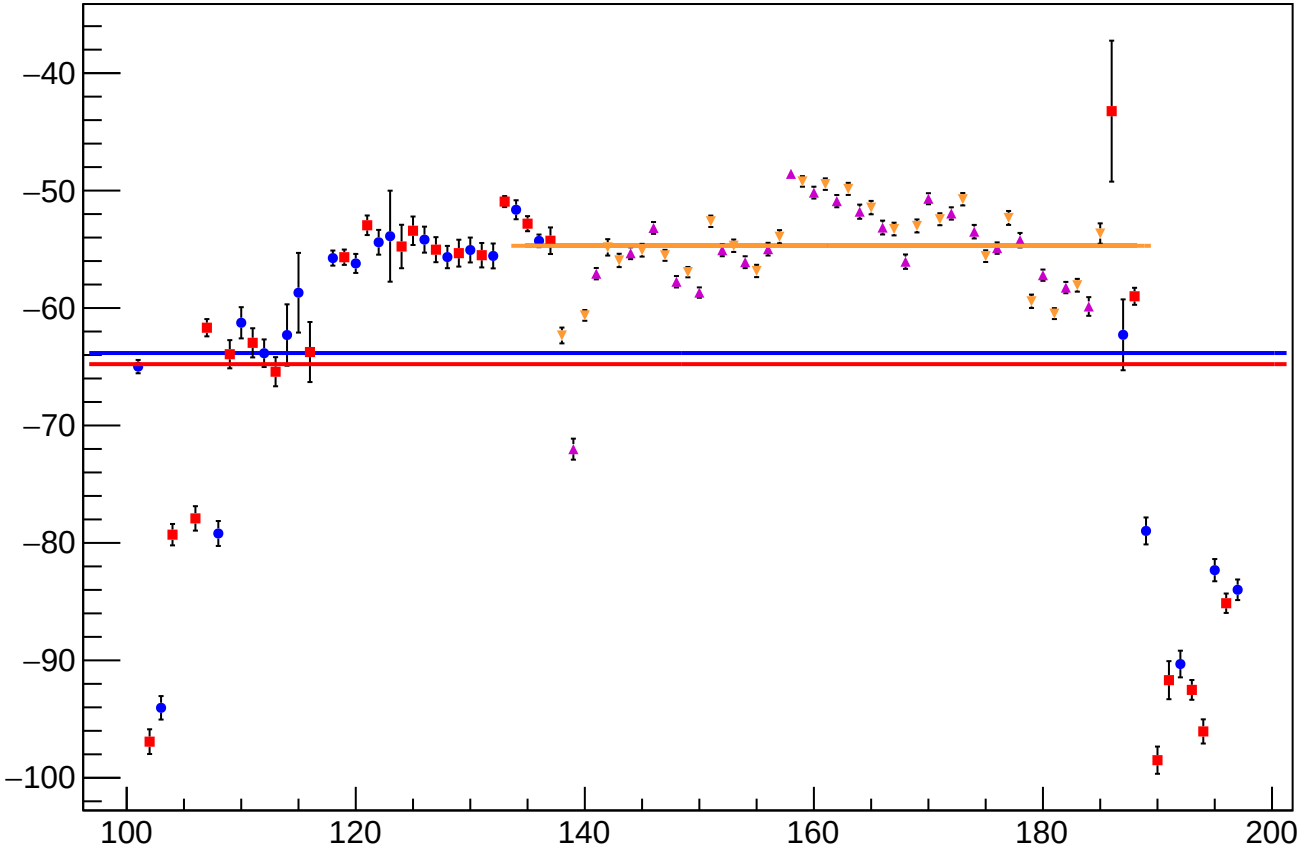
Left In: 1.715+/-0.134 χ^2/NDF:1313.5/22

+ sign 1.300+/-0.128 χ^2/NDF: 1523.8/29

All: 1.111+/-0.089 χ^2/NDF: 3118.8/59

- sign 0.933+/-0.124 χ^2/NDF: 1590.8/29

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -63.832+/-0.203 χ^2/NDF: 3917.6/21

Left Out: -54.701+/-0.106 χ^2/NDF:1124.5/24

Right Out: -64.778+/-0.186 χ^2/NDF: 7229.5/24

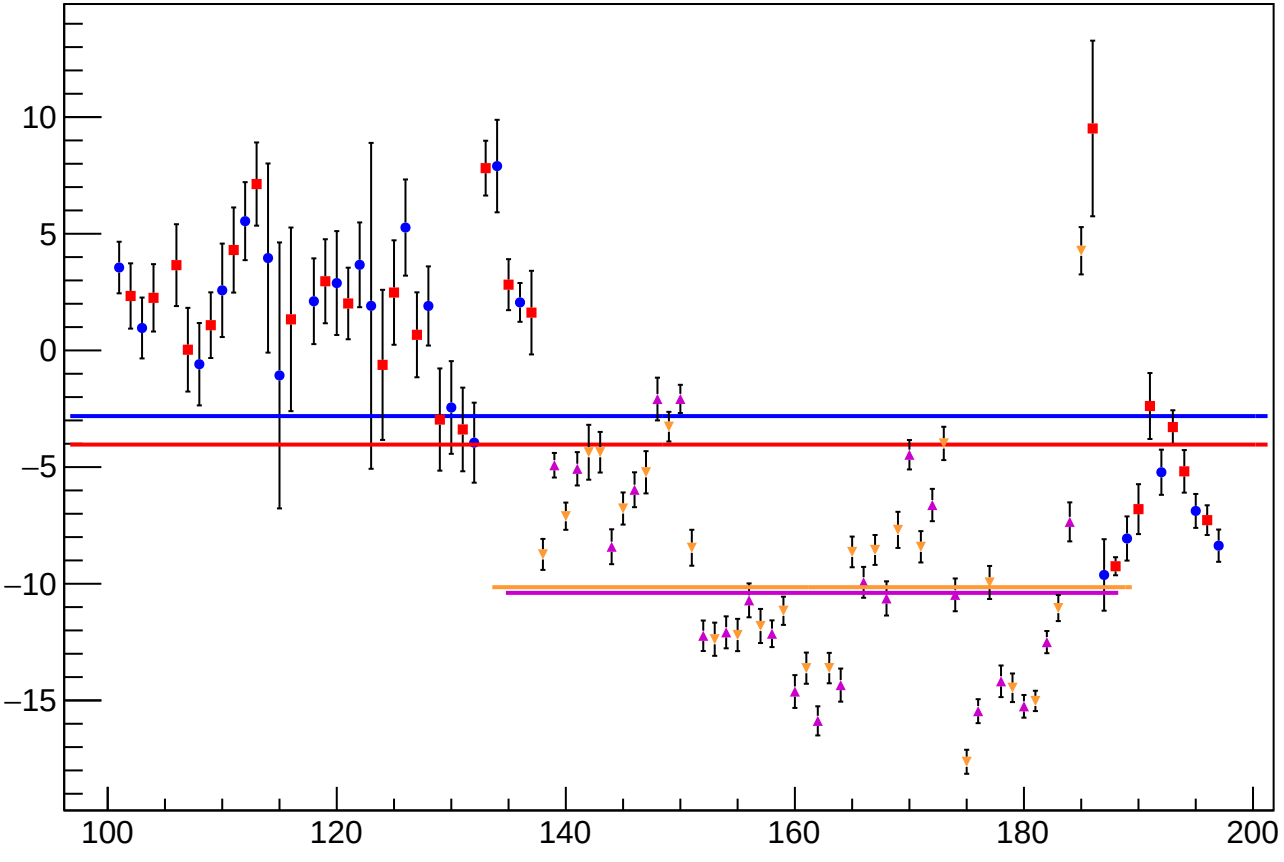
Left In: -54.677+/-0.109 χ^2/NDF:1140.6/22

+ sign -56.651+/-0.094 χ^2/NDF: 6627.1/46

All: -56.965+/-0.067 χ^2/NDF: 17214.7/94

- sign -57.281+/-0.094 χ^2/NDF: 10565.2/47

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -2.814+/-0.280 χ^2/NDF: 344.7/21

Left Out: -10.146+/-0.133 χ^2/NDF:1051.2/24

Right Out: -4.035+/-0.222 χ^2/NDF: 568.3/24

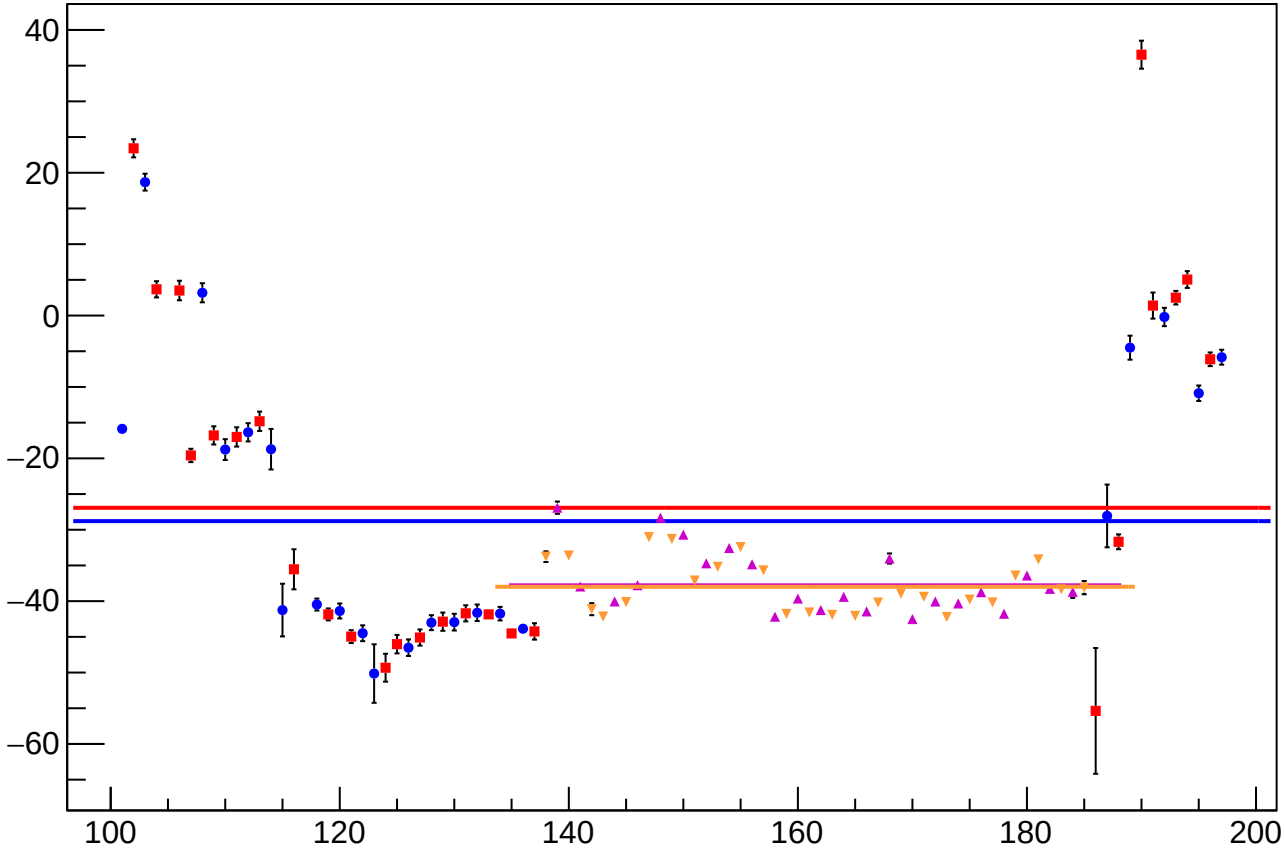
Left In: -10.391+/-0.134 χ^2/NDF:1024.8/22

+ sign -8.799+/-0.120 χ^2/NDF: 1953.9/46

All: -8.748+/-0.083 χ^2/NDF: 4147.5/94

- sign -8.702+/-0.115 χ^2/NDF: 2193.2/47

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -28.791+/-0.234 χ^2/NDF: 6381.7/21

Left Out: -37.983+/-0.119 χ^2/NDF:936.9/24

Right Out: -26.924+/-0.218 χ^2/NDF: 9818.6/24

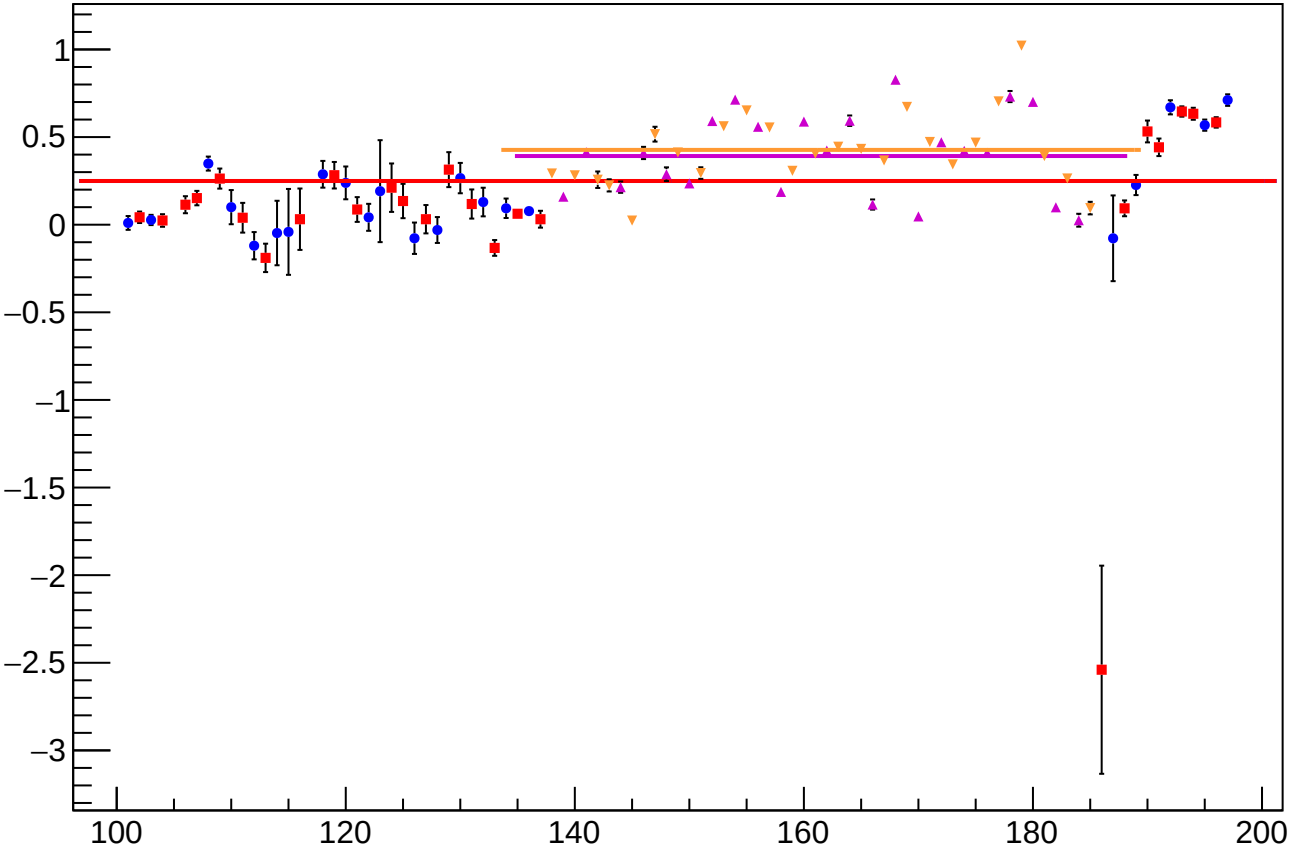
Left In: -37.784+/-0.122 χ^2/NDF:1079.7/22

+ sign -36.093+/-0.106 χ^2/NDF: 8545.8/46

All: -35.643+/-0.075 χ^2/NDF: 21375.7/94

- sign -35.191+/-0.106 χ^2/NDF: 12793.8/47

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.249+/-0.011 χ^2/NDF: 641.3/21

Left Out: 0.427+/-0.005 χ^2/NDF:1293.3/24

Right Out: 0.249+/-0.010 χ^2/NDF: 792.9/24

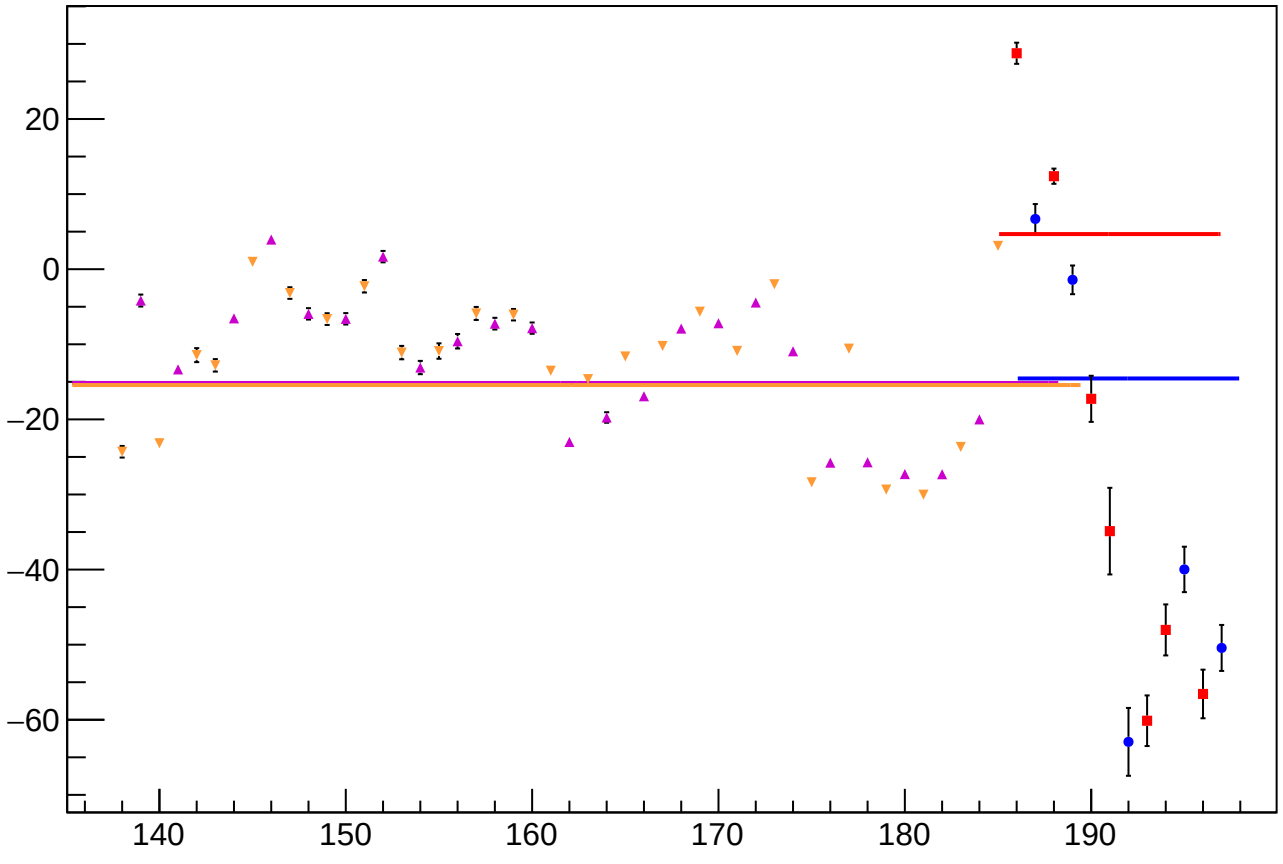
Left In: 0.392+/-0.005 χ^2/NDF:1835.6/22

+ sign 0.390+/-0.005 χ^2/NDF: 2159.9/46

All: 0.374+/-0.003 χ^2/NDF: 4980.4/94

- sign 0.358+/-0.005 χ^2/NDF: 2797.0/47

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -14.551+/-1.124 χ^2/NDF: 484.2/4

Left Out: -15.427+/-0.105 χ^2/NDF:10499.6/24

Right Out: 4.678+/-0.728 χ^2/NDF: 1416.1/6

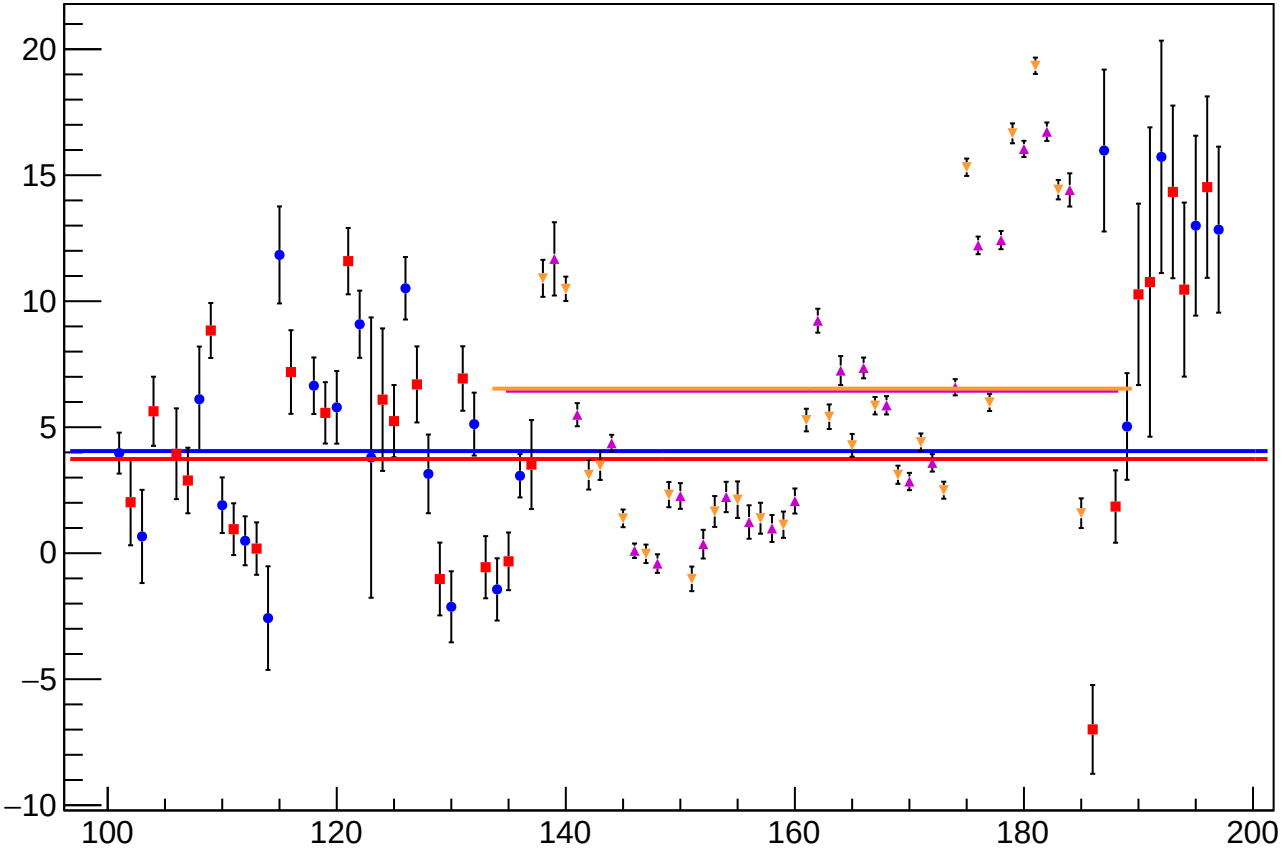
Left In: -15.151+/-0.106 χ^2/NDF:8744.3/22

+ sign -15.419+/-0.105 χ^2/NDF: 10984.4/29

All: -15.080+/-0.074 χ^2/NDF: 21891.4/59

- sign -14.738+/-0.105 χ^2/NDF: 10885.9/29

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 4.051+/-0.301 χ^2/NDF: 171.7/21

Left Out: 6.531+/-0.086 χ^2/NDF:4969.5/24

Right Out: 3.737+/-0.300 χ^2/NDF: 199.6/24

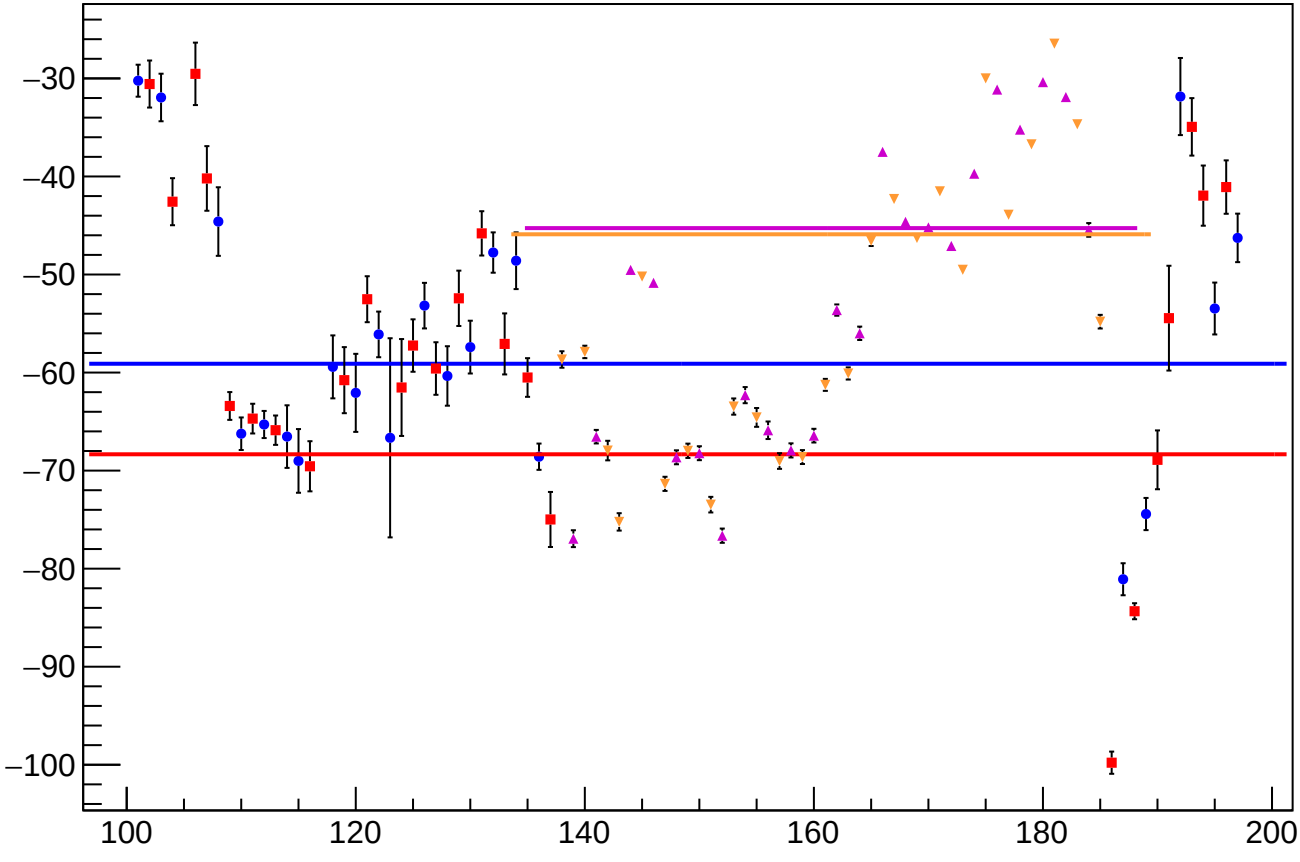
Left In: 6.448+/-0.086 χ^2/NDF:3955.6/22

+ sign 6.345+/-0.082 χ^2/NDF: 5204.0/46

All: 6.294+/-0.058 χ^2/NDF: 9435.8/94

- sign 6.242+/-0.083 χ^2/NDF: 4231.0/47

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -59.101+/-0.470 χ^2/NDF: 960.4/21

Left Out: -45.897+/-0.106 χ^2/NDF:17133.8/24

Right Out: -68.335+/-0.400 χ^2/NDF: 2317.4/24

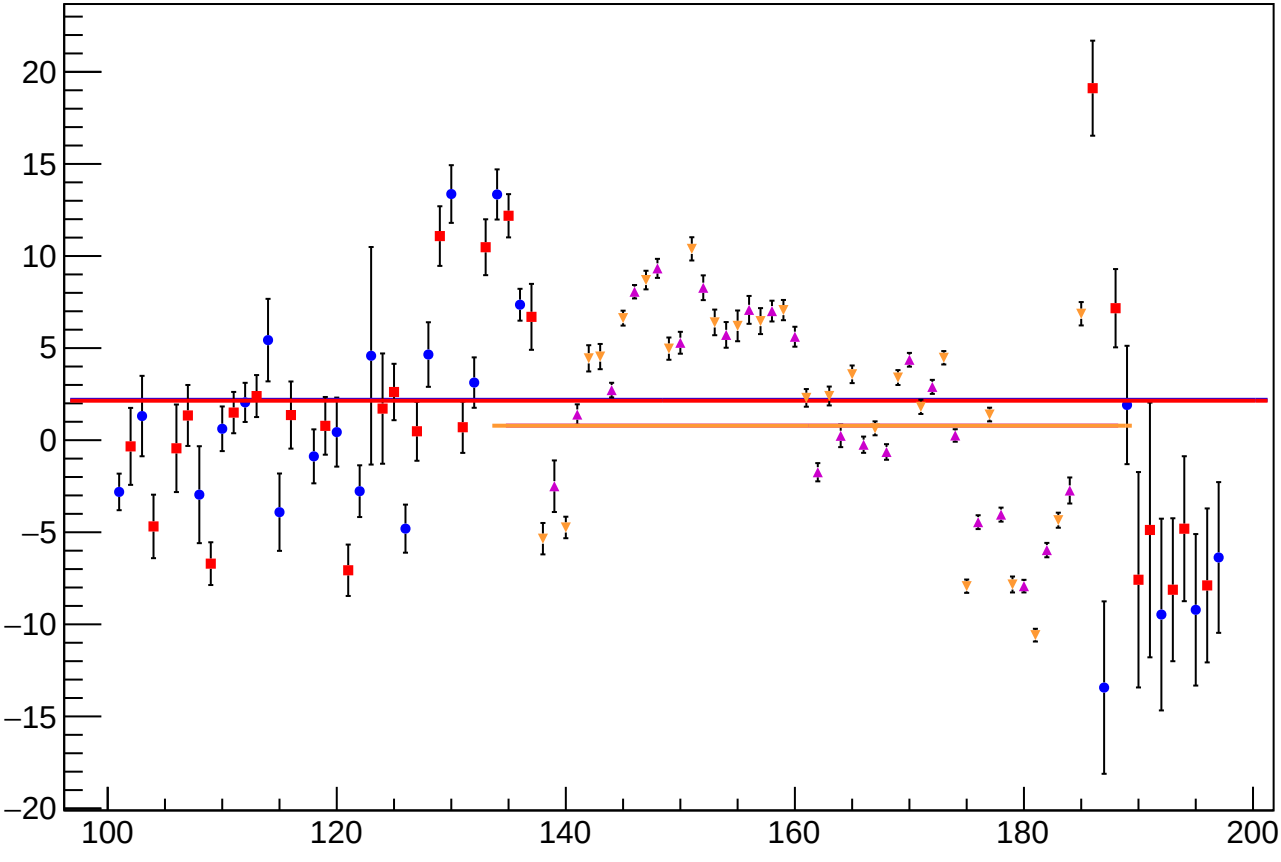
Left In: -45.268+/-0.107 χ^2/NDF:15775.7/22

+ sign -46.540+/-0.104 χ^2/NDF: 18844.3/46

All: -46.672+/-0.073 χ^2/NDF: 40045.8/94

- sign -46.802+/-0.103 χ^2/NDF: 21198.2/47

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.191+/-0.340 χ^2/NDF: 272.5/21

Left Out: 0.787+/-0.096 χ^2/NDF:3746.7/24

Right Out: 2.144+/-0.342 χ^2/NDF: 332.4/24

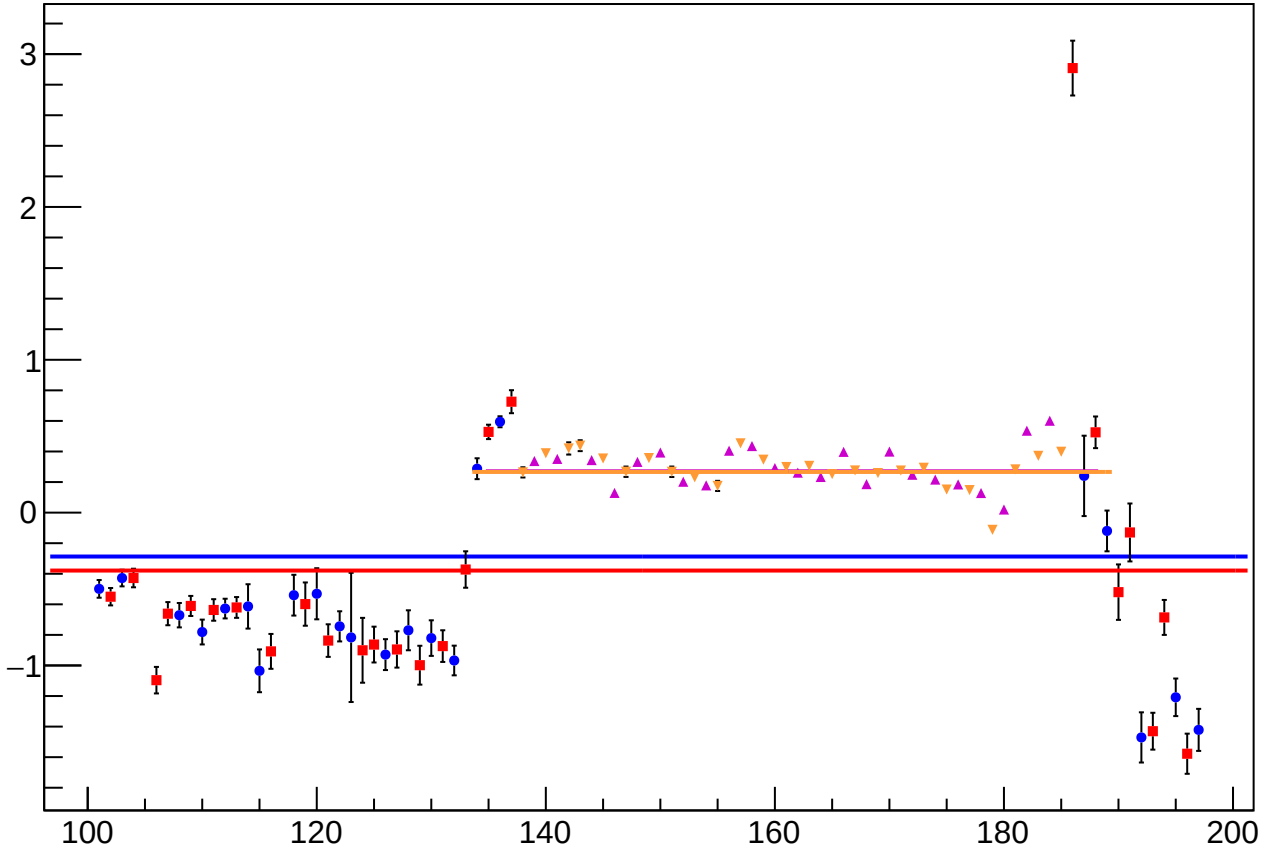
Left In: 0.791+/-0.096 χ^2/NDF:2697.7/22

+ sign 0.890+/-0.092 χ^2/NDF: 4035.0/46

All: 0.890+/-0.065 χ^2/NDF: 7079.7/94

- sign 0.890+/-0.093 χ^2/NDF: 3044.6/47

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.287+/-0.018 χ^2/NDF: 1147.9/21

Left Out: 0.266+/-0.004 χ^2/NDF:698.1/24

Right Out: -0.379+/-0.018 χ^2/NDF: 1428.5/24

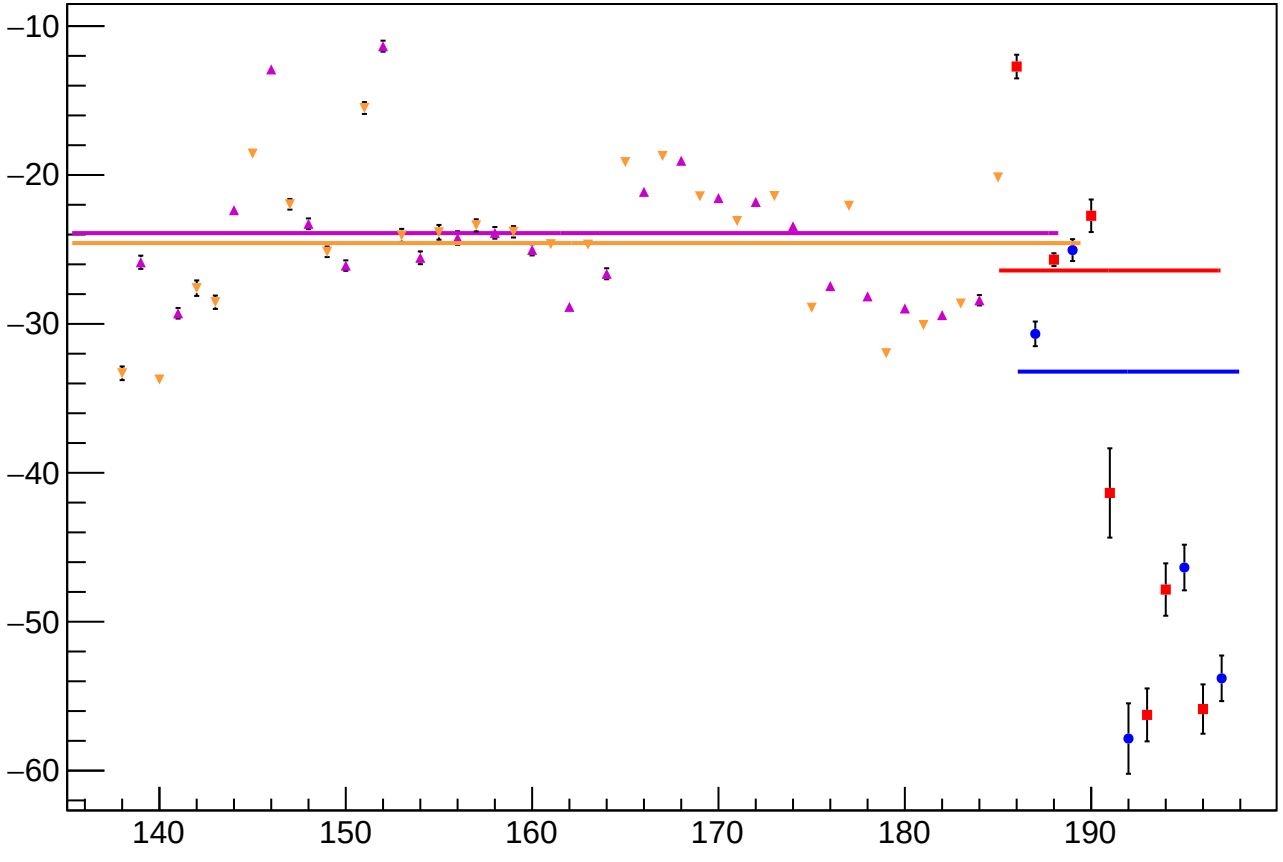
Left In: 0.270+/-0.004 χ^2/NDF:973.5/22

+ sign 0.236+/-0.004 χ^2/NDF: 2725.1/46

All: 0.234+/-0.003 χ^2/NDF: 6381.3/94

- sign 0.233+/-0.004 χ^2/NDF: 3655.9/47

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -33.204+/-0.480 χ^2/NDF: 495.6/4

Left Out: -24.571+/-0.051 χ^2/NDF:8610.0/24

Right Out: -26.413+/-0.335 χ^2/NDF: 1082.5/6

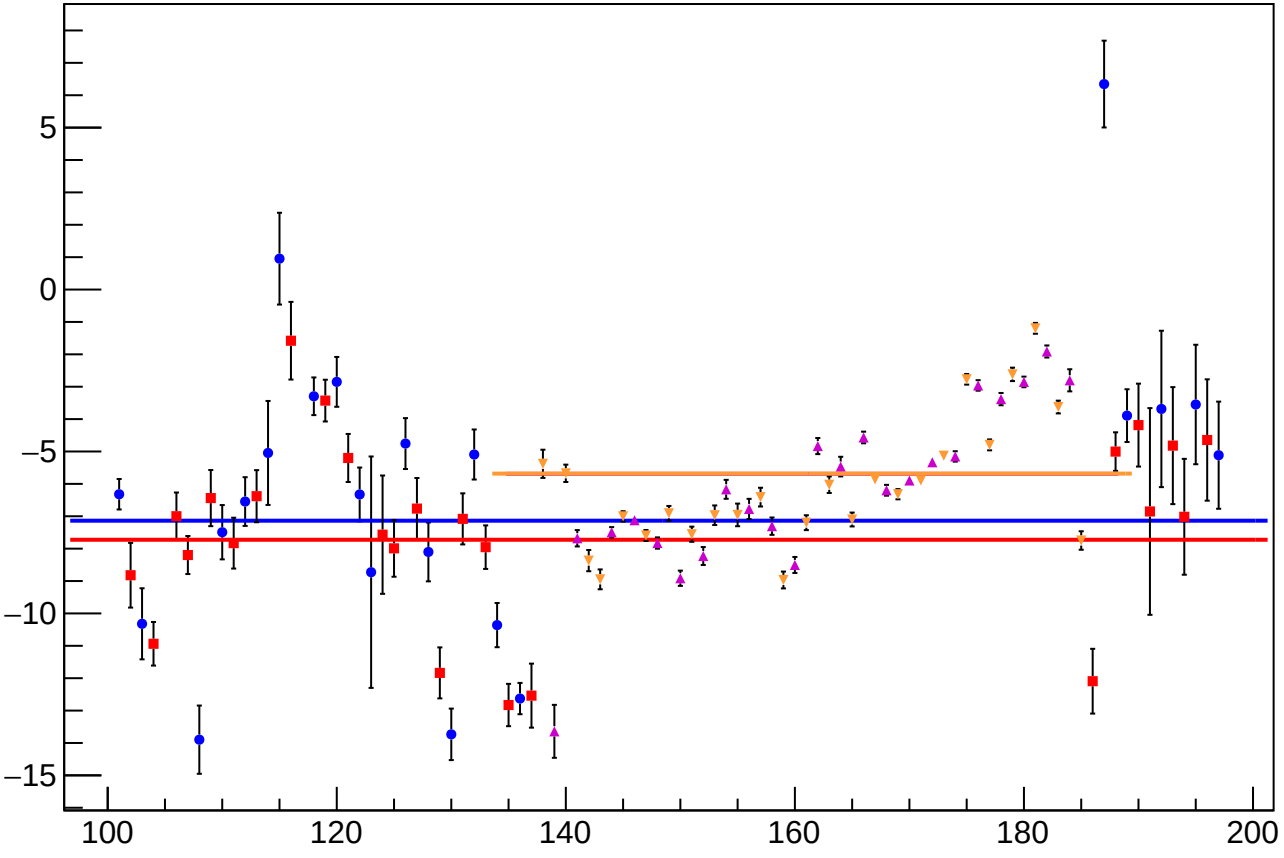
Left In: -23.902+/-0.051 χ^2/NDF:9158.9/22

+ sign -24.667+/-0.051 χ^2/NDF: 9425.4/29

All: -24.310+/-0.036 χ^2/NDF: 19820.4/59

- sign -23.959+/-0.050 χ^2/NDF: 10296.4/29

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.137+/-0.177 χ^2/NDF: 525.6/21

Left Out: -5.683+/-0.041 χ^2/NDF:2231.0/24

Right Out: -7.725+/-0.171 χ^2/NDF: 280.0/24

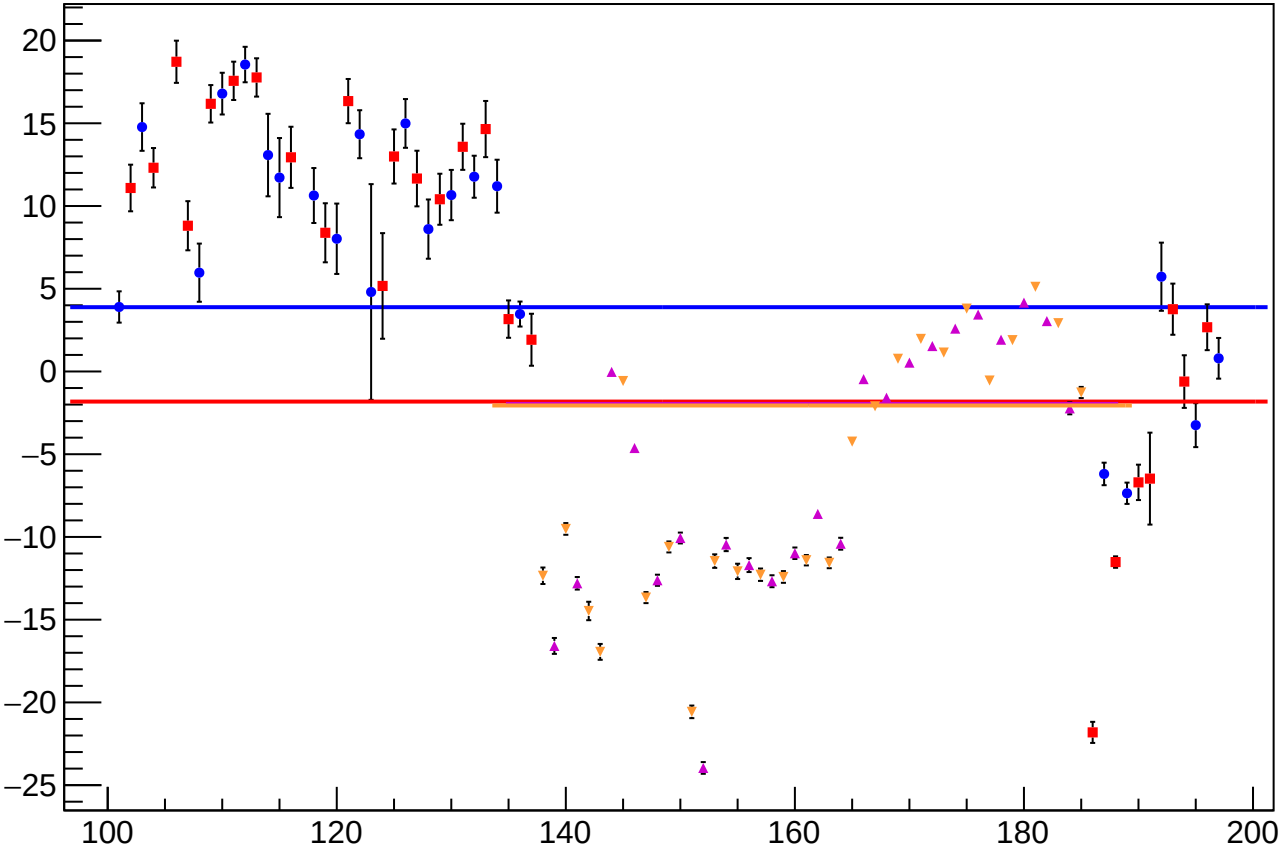
Left In: -5.690+/-0.041 χ^2/NDF:2328.2/22

+ sign -5.757+/-0.040 χ^2/NDF: 2820.5/46

All: -5.778+/-0.028 χ^2/NDF: 5564.0/94

- sign -5.799+/-0.039 χ^2/NDF: 2742.9/47

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 3.886+/-0.259 χ^2/NDF: 1151.7/21

Left Out: -2.055+/-0.051 χ^2/NDF:16042.5/24

Right Out: -1.819+/-0.212 χ^2/NDF: 3908.6/24

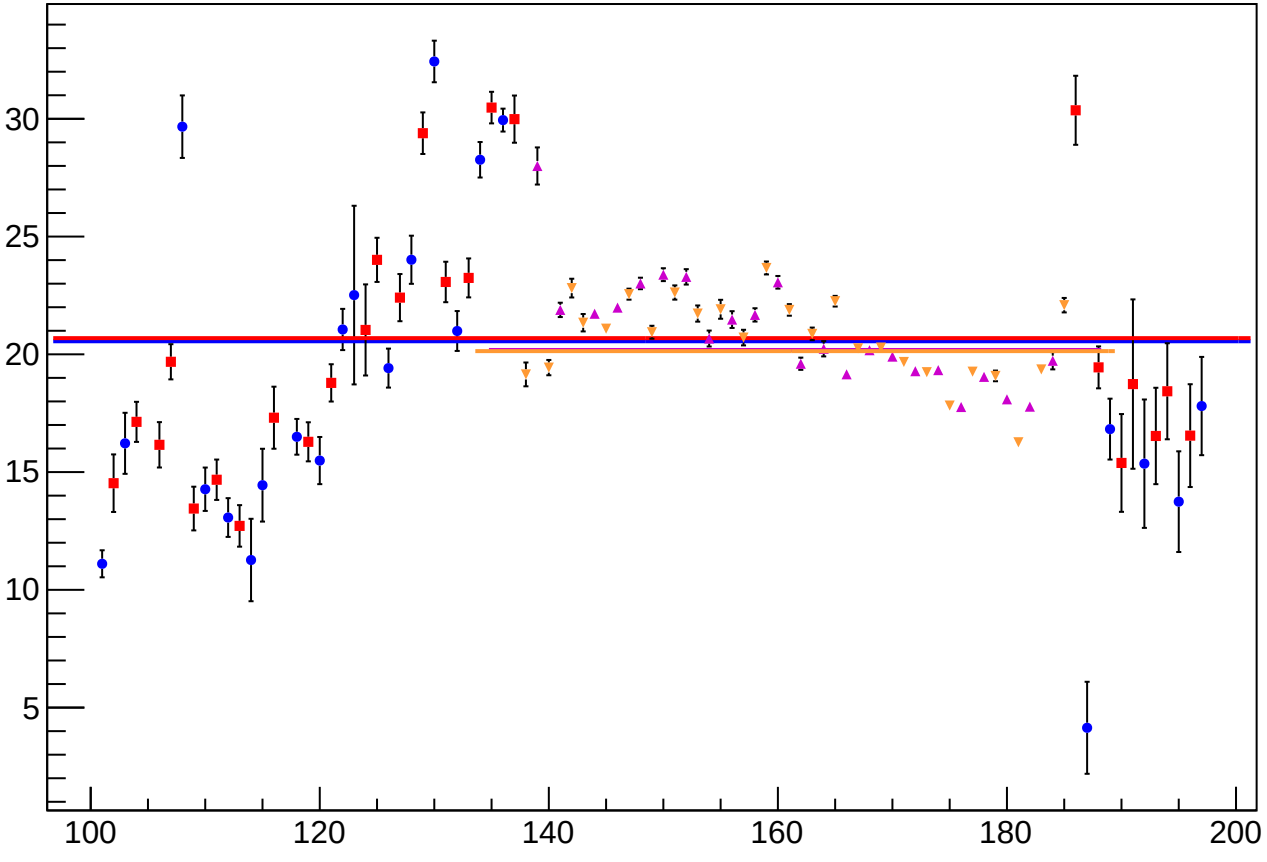
Left In: -1.963+/-0.051 χ^2/NDF:15492.9/22

+ sign -1.830+/-0.050 χ^2/NDF: 17698.7/46

All: -1.894+/-0.035 χ^2/NDF: 37103.7/94

- sign -1.955+/-0.050 χ^2/NDF: 19401.9/47

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.555+/-0.203 χ^2/NDF: 1323.7/21

Left Out: 20.136+/-0.046 χ^2/NDF:1414.2/24

Right Out: 20.687+/-0.201 χ^2/NDF: 789.7/24

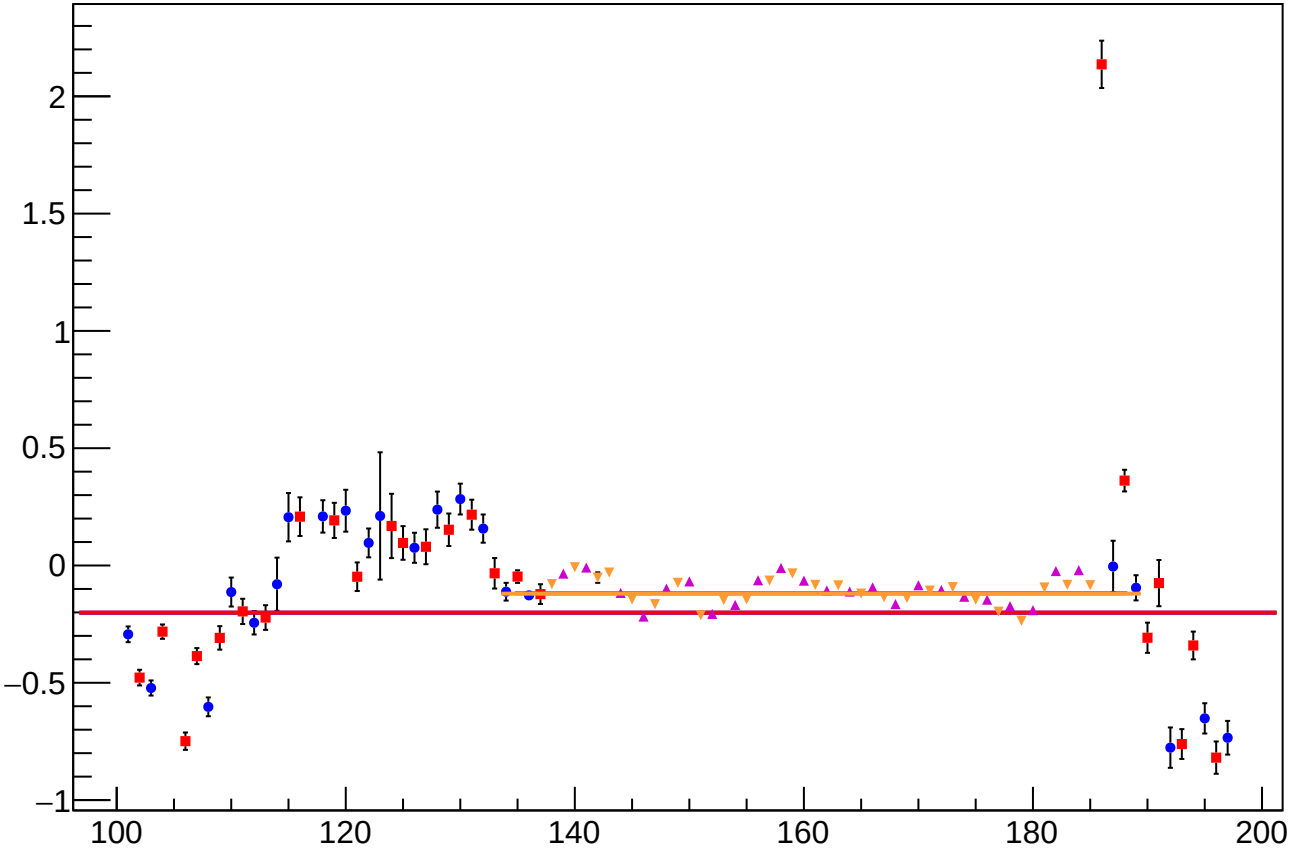
Left In: 20.184+/-0.046 χ^2/NDF:1470.7/22

+ sign 20.156+/-0.045 χ^2/NDF: 2742.0/46

All: 20.183+/-0.032 χ^2/NDF: 5009.0/94

- sign 20.209+/-0.045 χ^2/NDF: 2266.3/47

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.201+/-0.011 χ^2/NDF: 626.8/21

Left Out: -0.120+/-0.002 χ^2/NDF:532.4/24

Right Out: -0.201+/-0.010 χ^2/NDF: 1391.0/24

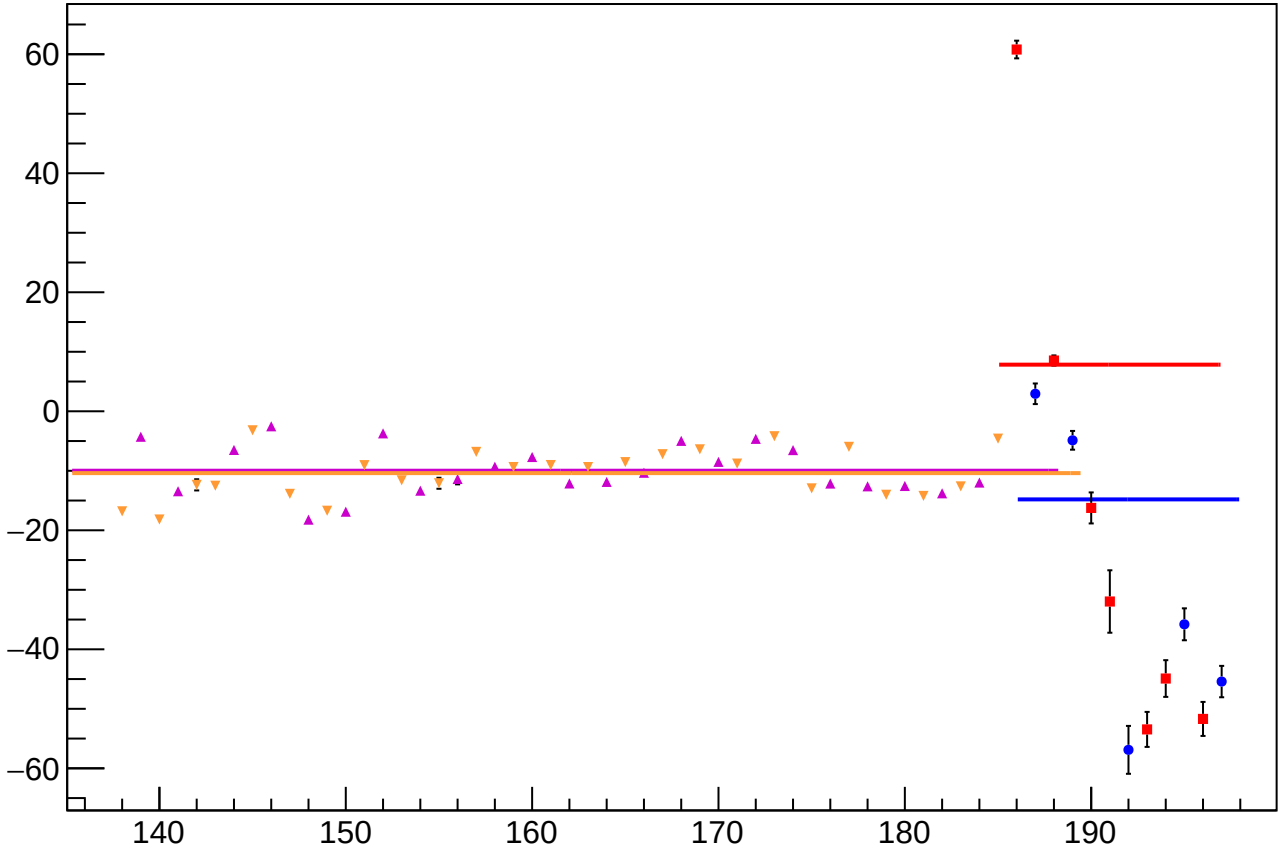
Left In: -0.118+/-0.002 χ^2/NDF:727.5/22

+ sign -0.123+/-0.002 χ^2/NDF: 1216.1/46

All: -0.123+/-0.001 χ^2/NDF: 3399.6/94

- sign -0.122+/-0.002 χ^2/NDF: 2183.3/47

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -14.807+/-0.962 χ^2/NDF: 450.0/4

Left Out: -10.392+/-0.088 χ^2/NDF:2112.5/24

Right Out: 7.835+/-0.655 χ^2/NDF: 2573.1/6

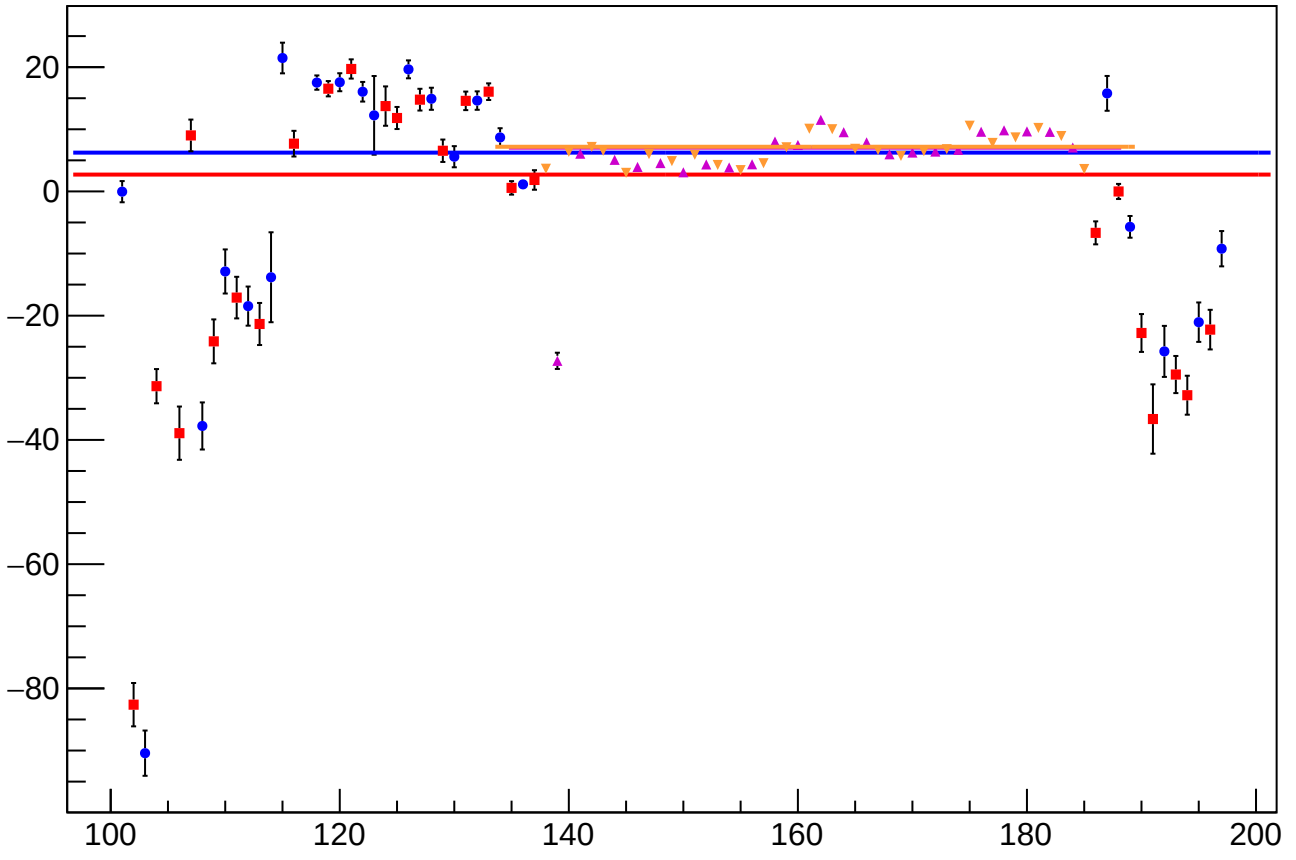
Left In: -9.990+/-0.089 χ^2/NDF:1794.2/22

+ sign -10.429+/-0.088 χ^2/NDF: 2583.3/29

All: -10.050+/-0.062 χ^2/NDF: 7716.4/59

- sign -9.665+/-0.088 χ^2/NDF: 5095.4/29

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 6.242+/-0.381 χ^2/NDF: 1594.7/21

Left Out: 7.187+/-0.074 χ^2/NDF:916.3/24

Right Out: 2.709+/-0.386 χ^2/NDF: 1959.3/24

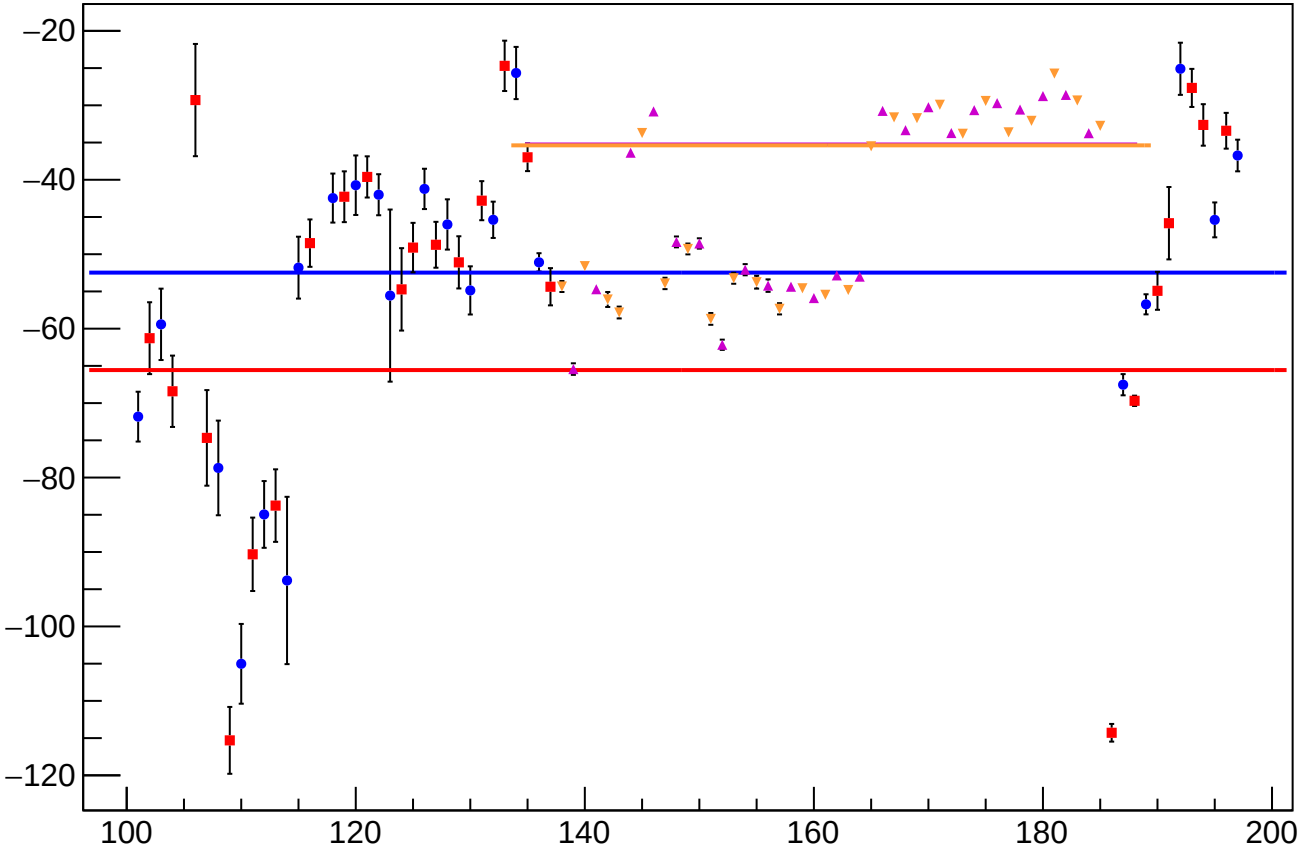
Left In: 7.043+/-0.074 χ^2/NDF:1604.6/22

+ sign 7.153+/-0.072 χ^2/NDF: 2517.0/46

All: 7.022+/-0.051 χ^2/NDF: 6209.2/94

- sign 6.889+/-0.073 χ^2/NDF: 3685.6/47

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -52.471+/-0.545 χ^2/NDF: 583.6/21

Left Out: -35.377+/-0.089 χ^2/NDF:12628.3/24

Right Out: -65.563+/-0.447 χ^2/NDF: 3194.1/24

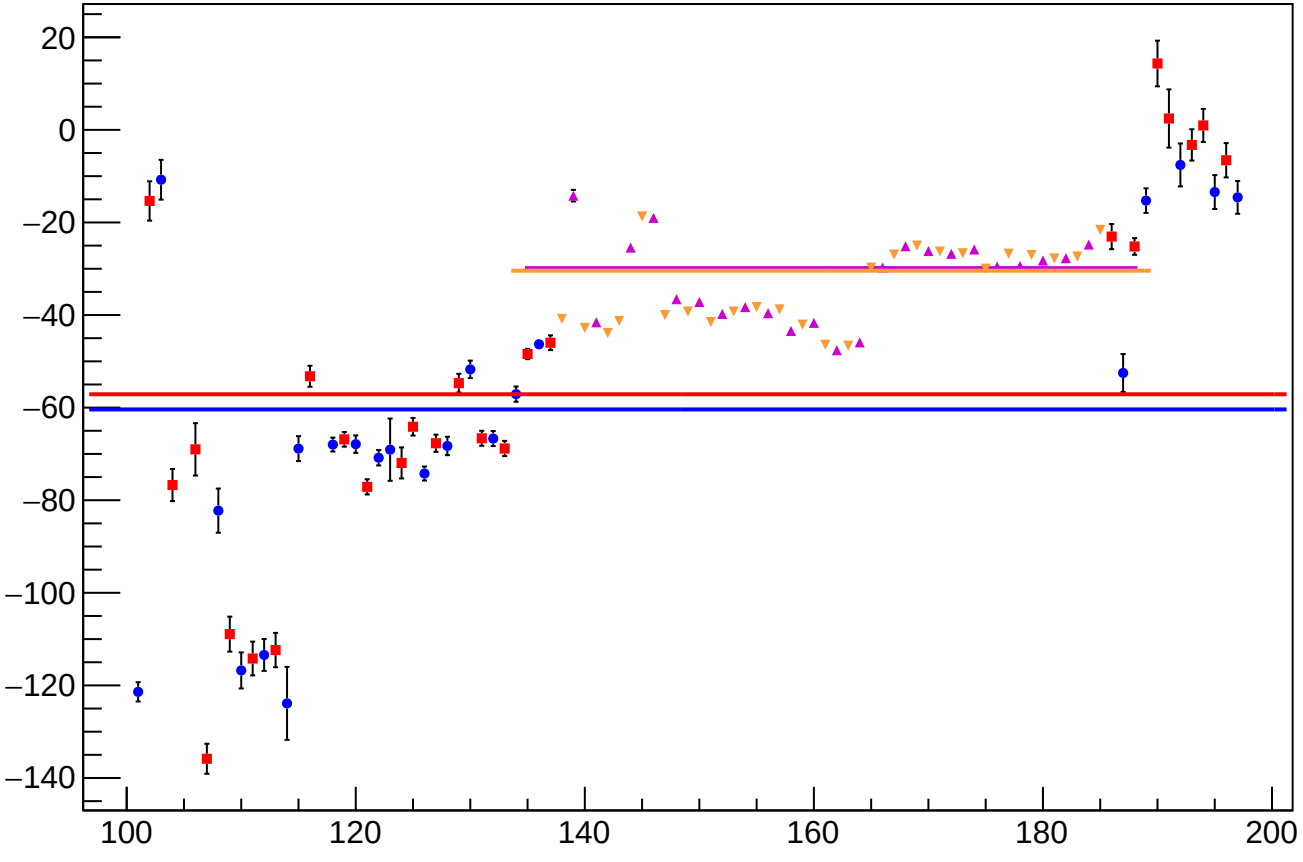
Left In: -35.260+/-0.090 χ^2/NDF:11769.2/22

+ sign -35.822+/-0.088 χ^2/NDF: 14169.5/46

All: -36.129+/-0.062 χ^2/NDF: 33582.5/94

- sign -36.437+/-0.088 χ^2/NDF: 19388.5/47

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -60.390+/-0.429 χ^2/NDF: 2821.7/21

Left Out: -30.415+/-0.082 χ^2/NDF:8132.2/24

Right Out: -57.114+/-0.445 χ^2/NDF: 3300.3/24

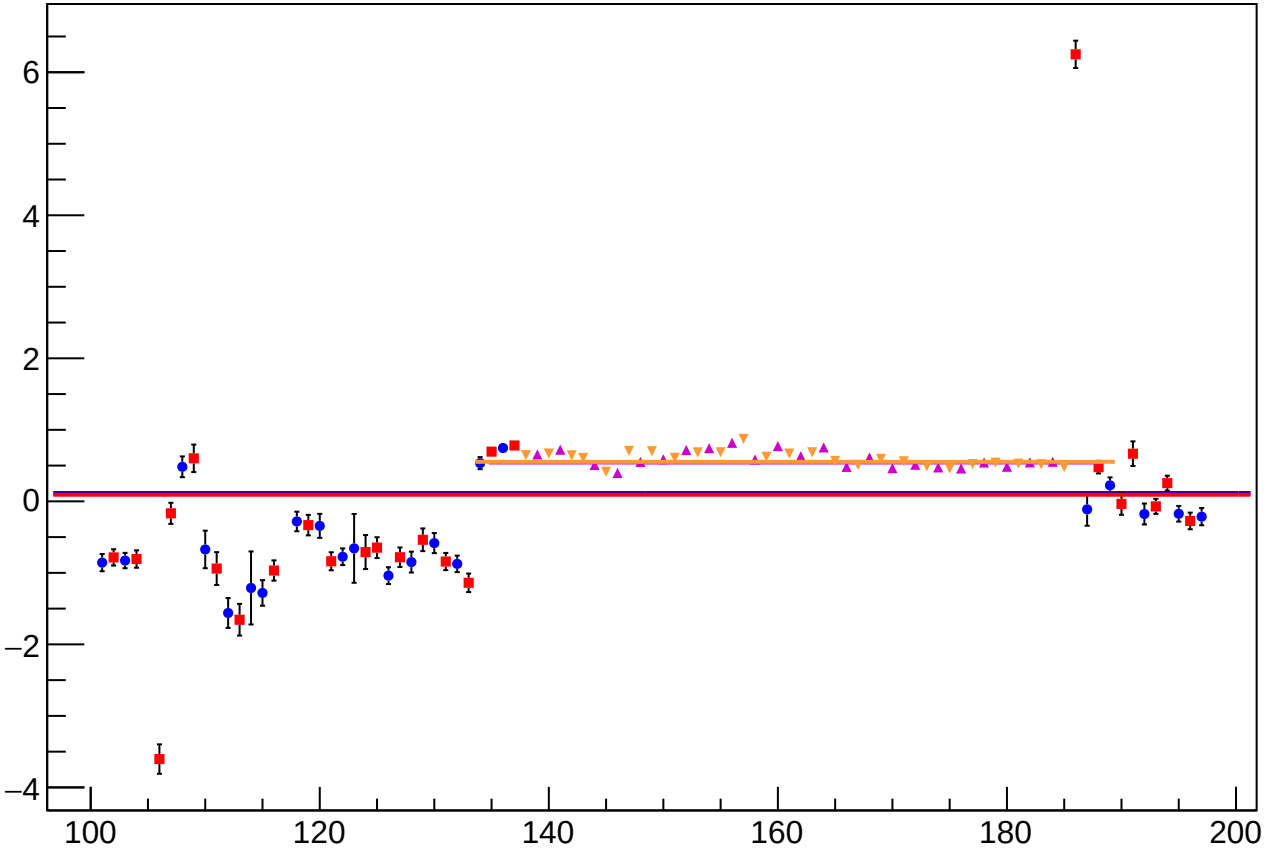
Left In: -29.863+/-0.082 χ^2/NDF:7145.9/22

+ sign -31.464+/-0.080 χ^2/NDF: 15674.0/46

All: -31.116+/-0.057 χ^2/NDF: 29777.4/94

- sign -30.762+/-0.081 χ^2/NDF: 14065.3/47

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.116+/-0.022 χ^2/NDF: 1012.3/21

Left Out: 0.553+/-0.004 χ^2/NDF:542.9/24

Right Out: 0.093+/-0.023 χ^2/NDF: 2263.8/24

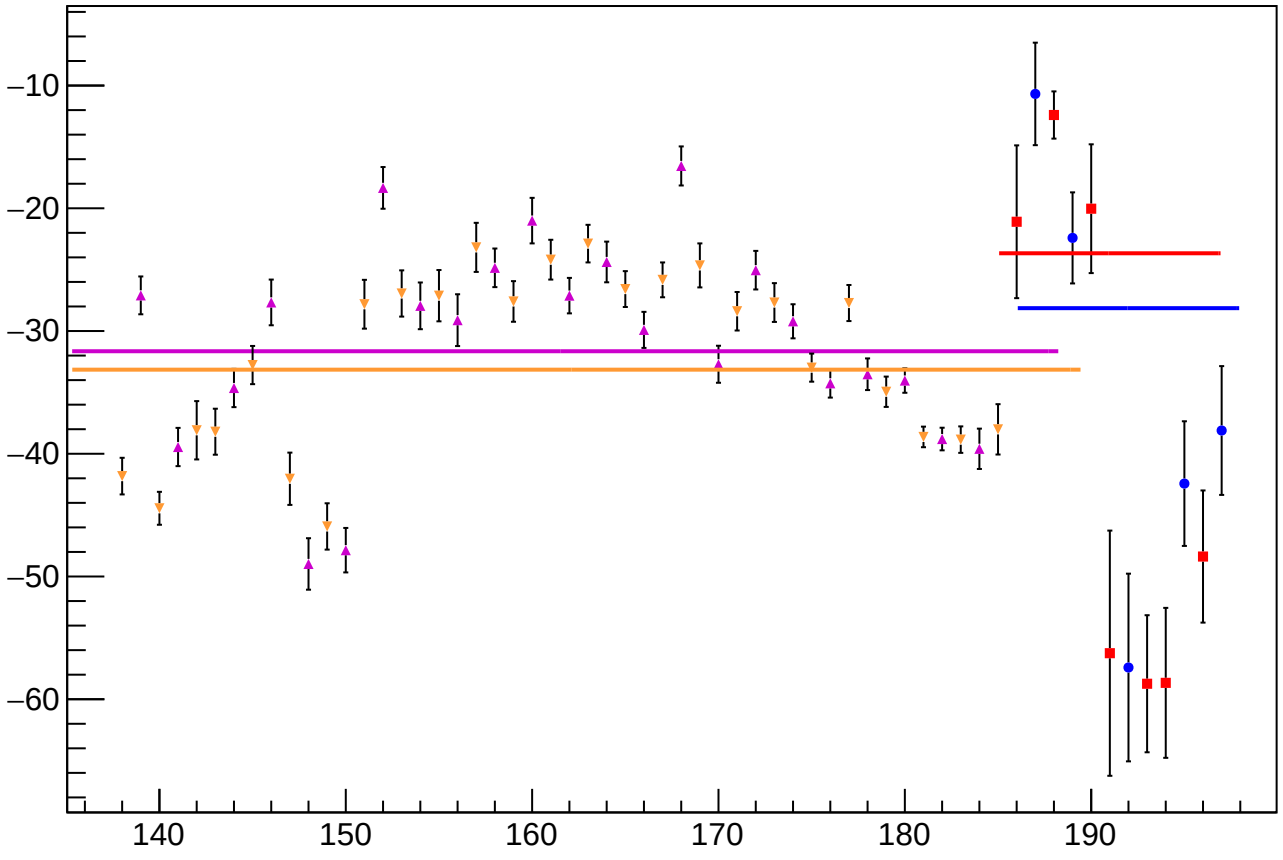
Left In: 0.544+/-0.004 χ^2/NDF:659.2/22

+ sign 0.541+/-0.004 χ^2/NDF: 1933.0/46

All: 0.536+/-0.003 χ^2/NDF: 5243.4/94

- sign 0.531+/-0.004 χ^2/NDF: 3307.0/47

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -28.137+/-2.121 χ^2/NDF: 46.0/4

Left Out: -33.148+/-0.301 χ^2/NDF:500.0/24

Right Out: -23.666+/-1.515 χ^2/NDF: 138.9/6

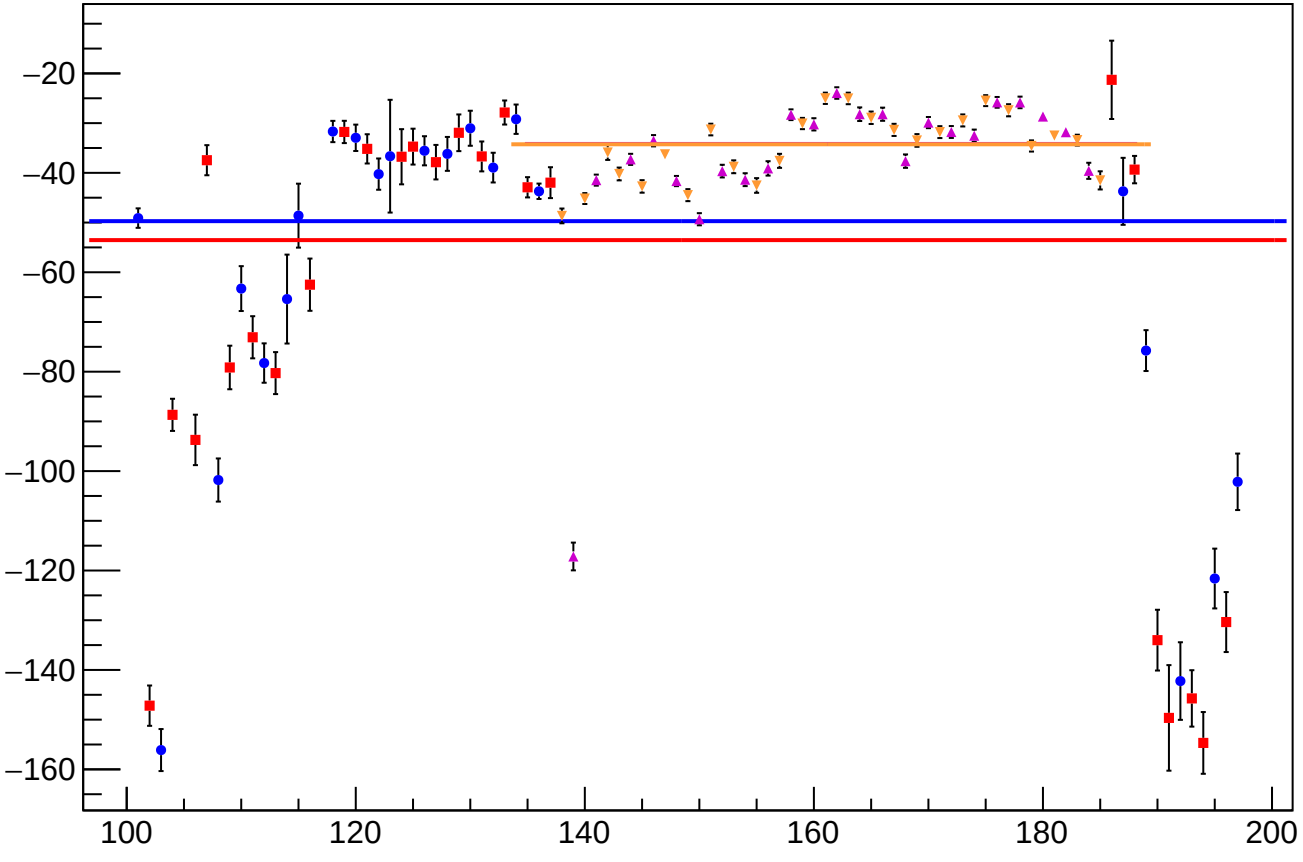
Left In: -31.647+/-0.308 χ^2/NDF:546.9/22

+ sign -33.049+/-0.298 χ^2/NDF: 551.5/29

All: -32.201+/-0.212 χ^2/NDF: 1280.4/59

- sign -31.331+/-0.301 χ^2/NDF: 712.5/29

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -49.717+/-0.695 χ^2/NDF: 1515.9/21

Left Out: -34.256+/-0.242 χ^2/NDF:693.3/24

Right Out: -53.531+/-0.711 χ^2/NDF: 2239.7/24

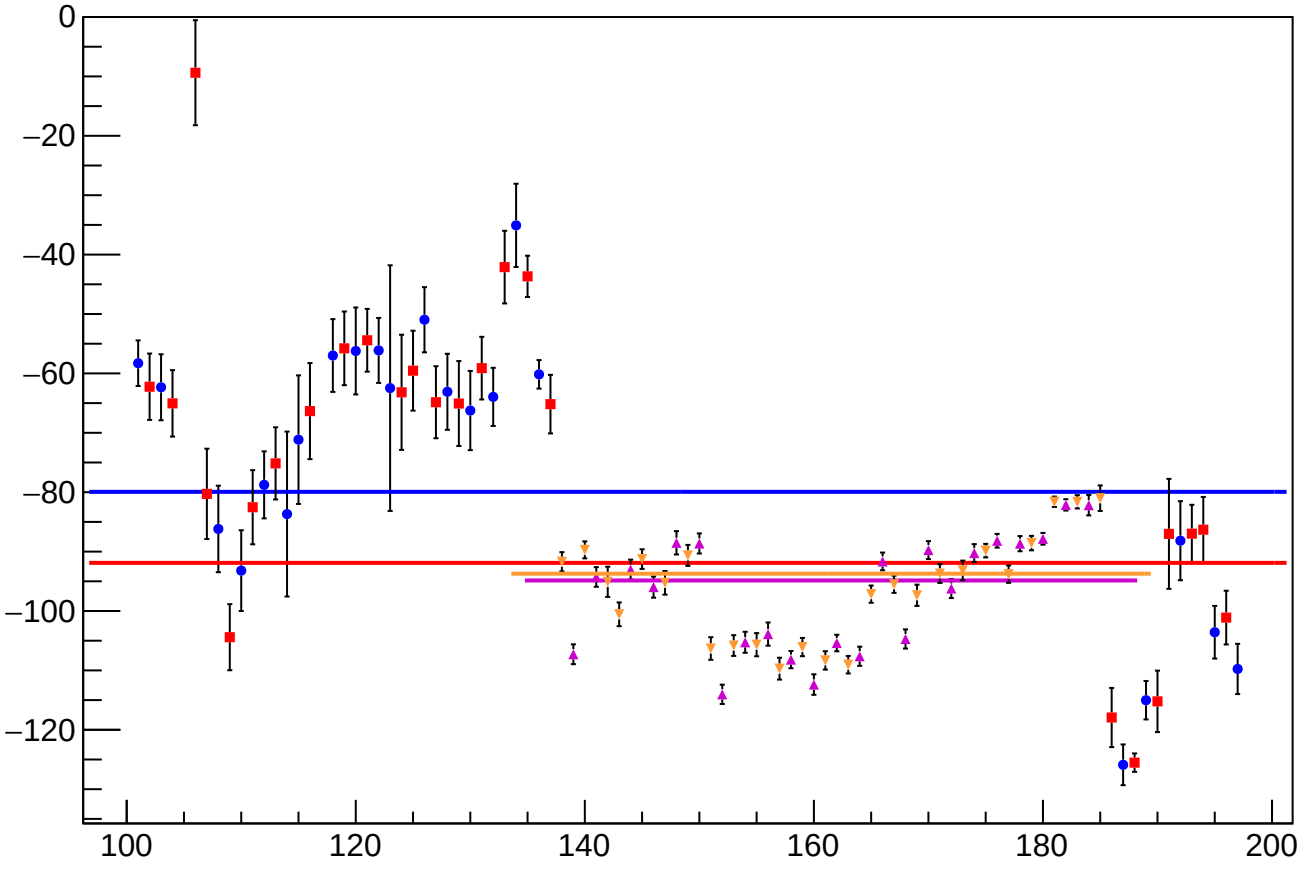
Left In: -34.189+/-0.250 χ^2/NDF:1546.1/22

+ sign -35.929+/-0.229 χ^2/NDF: 2650.6/46

All: -36.119+/-0.164 χ^2/NDF: 7096.5/94

- sign -36.321+/-0.236 χ^2/NDF: 4444.5/47

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -79.936+/-1.059 χ^2/NDF: 626.4/21

Left Out: -93.719+/-0.302 χ^2/NDF:878.2/24

Right Out: -91.895+/-0.932 χ^2/NDF: 1166.7/24

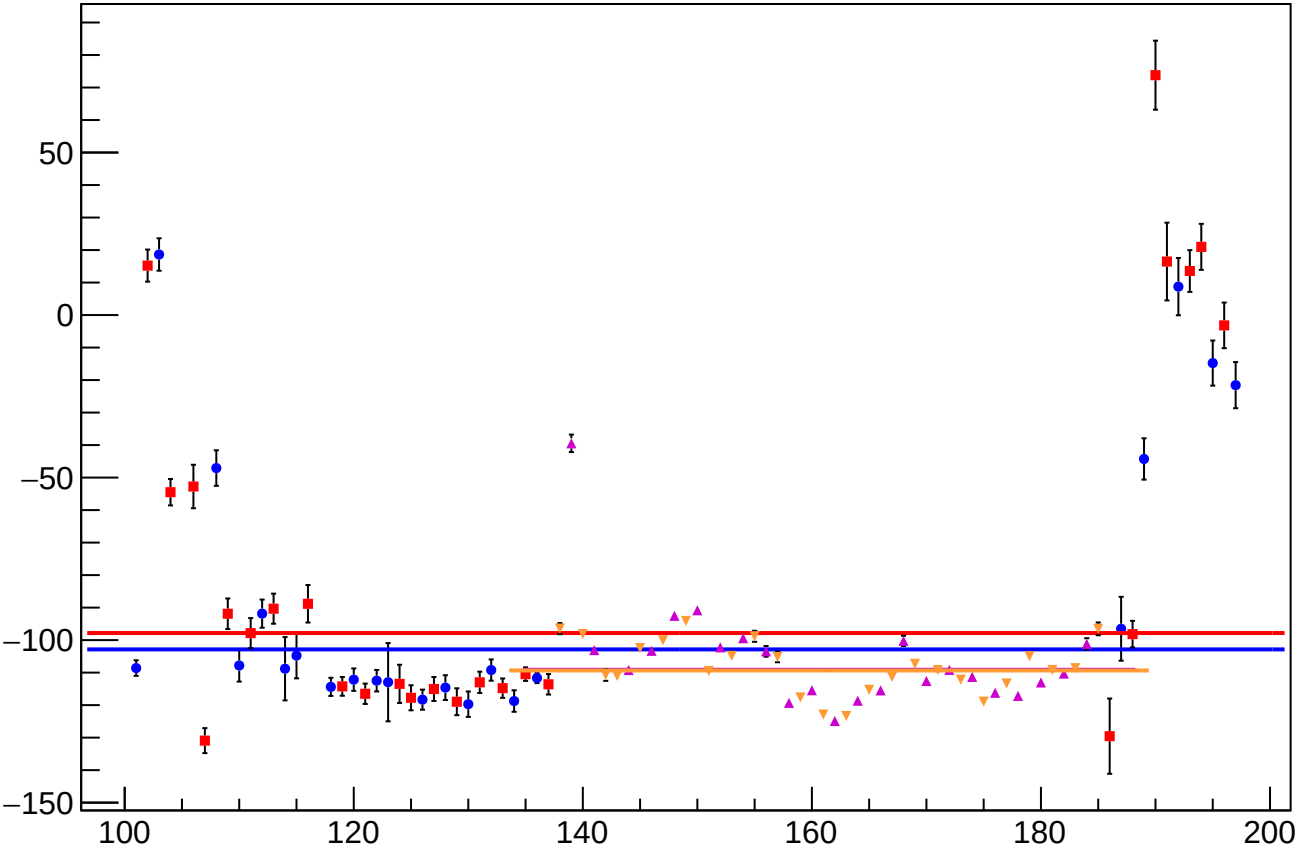
Left In: -94.861+/-0.307 χ^2/NDF:985.5/22

+ sign -92.680+/-0.291 χ^2/NDF: 1661.3/46

All: -93.621+/-0.206 χ^2/NDF: 3843.7/94

- sign -94.570+/-0.292 χ^2/NDF: 2161.4/47

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -102.858+/-0.789 χ^2/NDF: 1393.2/21

Left Out: -109.338+/-0.272 χ^2/NDF:826.2/24

Right Out: -97.826+/-0.818 χ^2/NDF: 2152.9/24

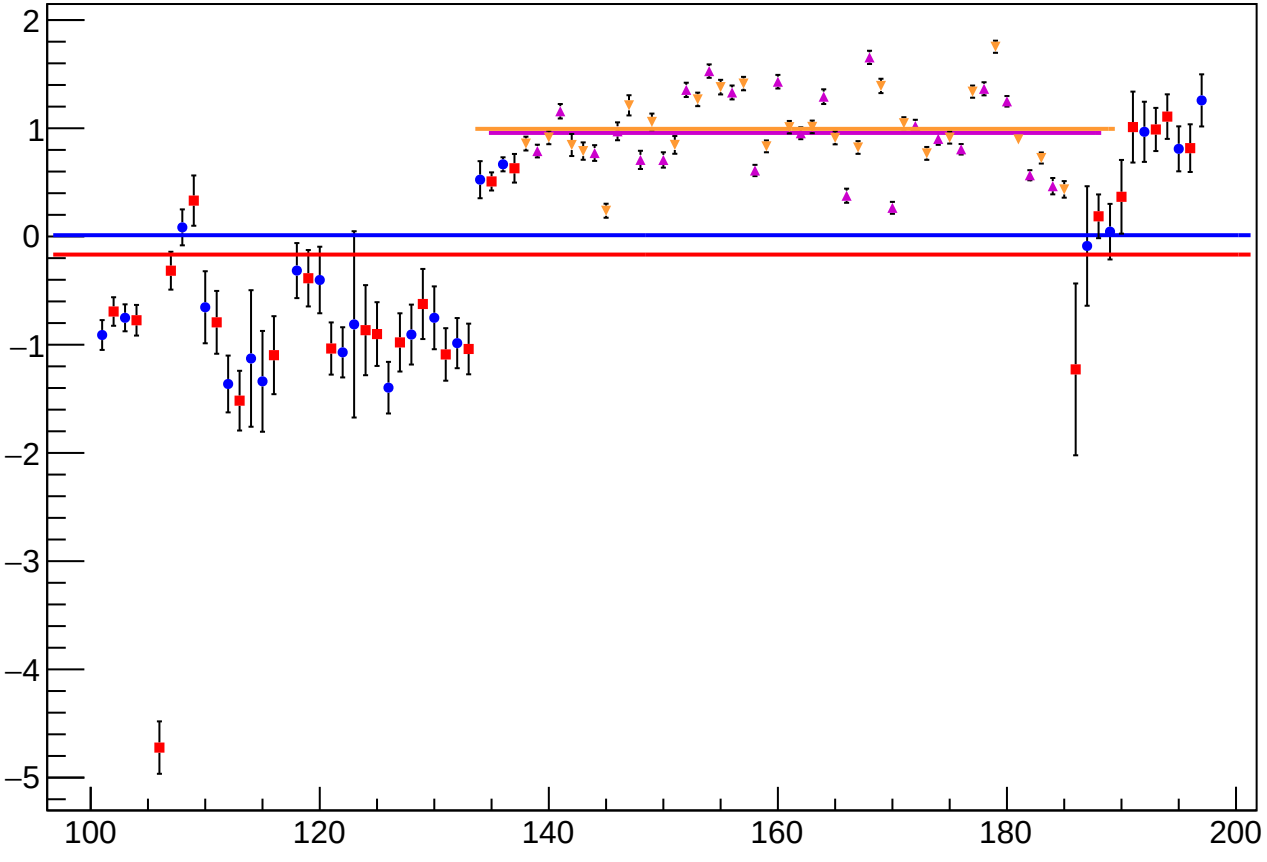
Left In: -109.126+/-0.279 χ^2/NDF:1578.7/22

+ sign -108.650+/-0.257 χ^2/NDF: 2279.7/46

All: -108.309+/-0.184 χ^2/NDF: 6185.8/94

- sign -107.948+/-0.264 χ^2/NDF: 3902.5/47

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.012+/-0.040 χ^2/NDF: 387.2/21

Left Out: 0.995+/-0.012 χ^2/NDF:635.3/24

Right Out: -0.167+/-0.040 χ^2/NDF: 704.4/24

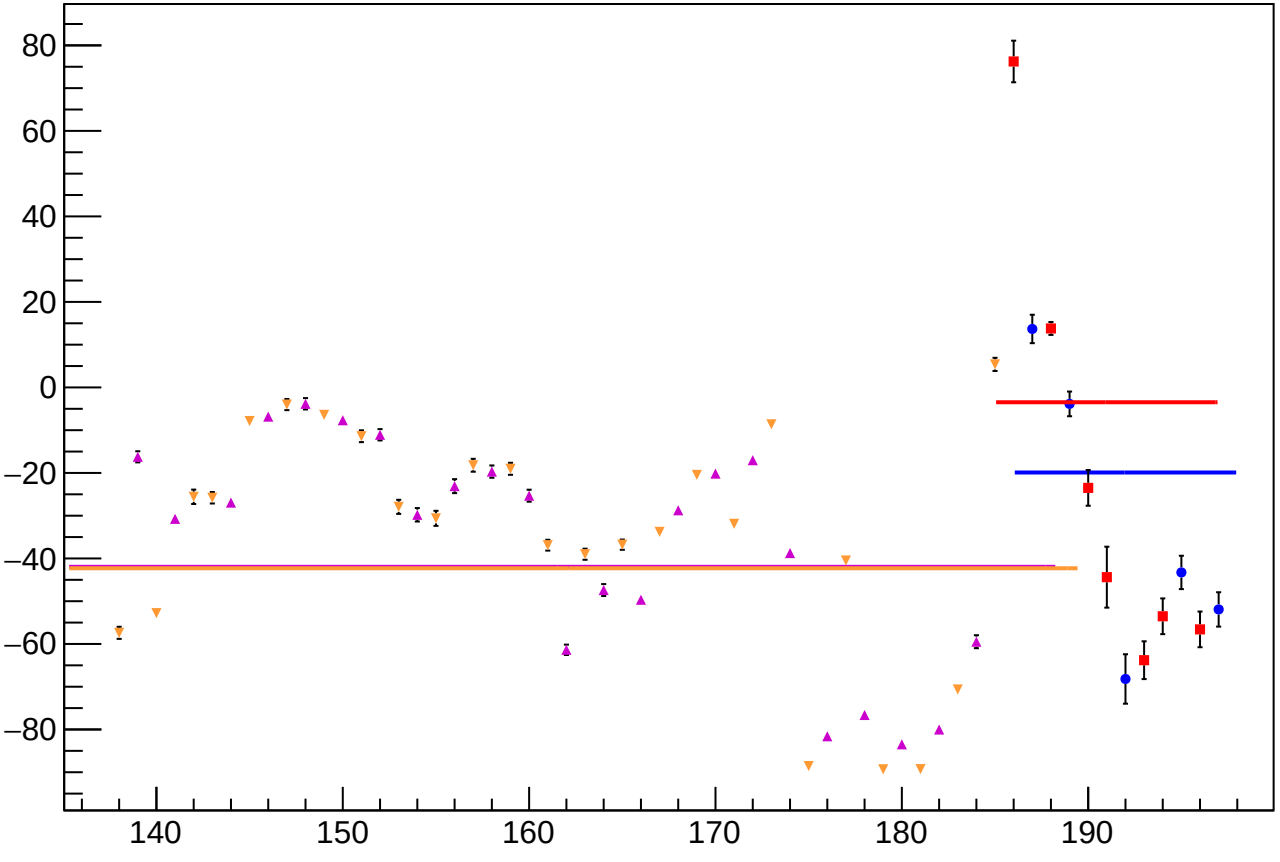
Left In: 0.957+/-0.013 χ^2/NDF:896.5/22

+ sign 0.907+/-0.012 χ^2/NDF: 1580.1/46

All: 0.881+/-0.008 χ^2/NDF: 3913.3/94

- sign 0.855+/-0.012 χ^2/NDF: 2323.6/47

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -19.897+/-1.649 χ^2/NDF: 302.0/4

Left Out: -42.295+/-0.222 χ^2/NDF:18267.5/24

Right Out: -3.467+/-1.174 χ^2/NDF: 946.9/6

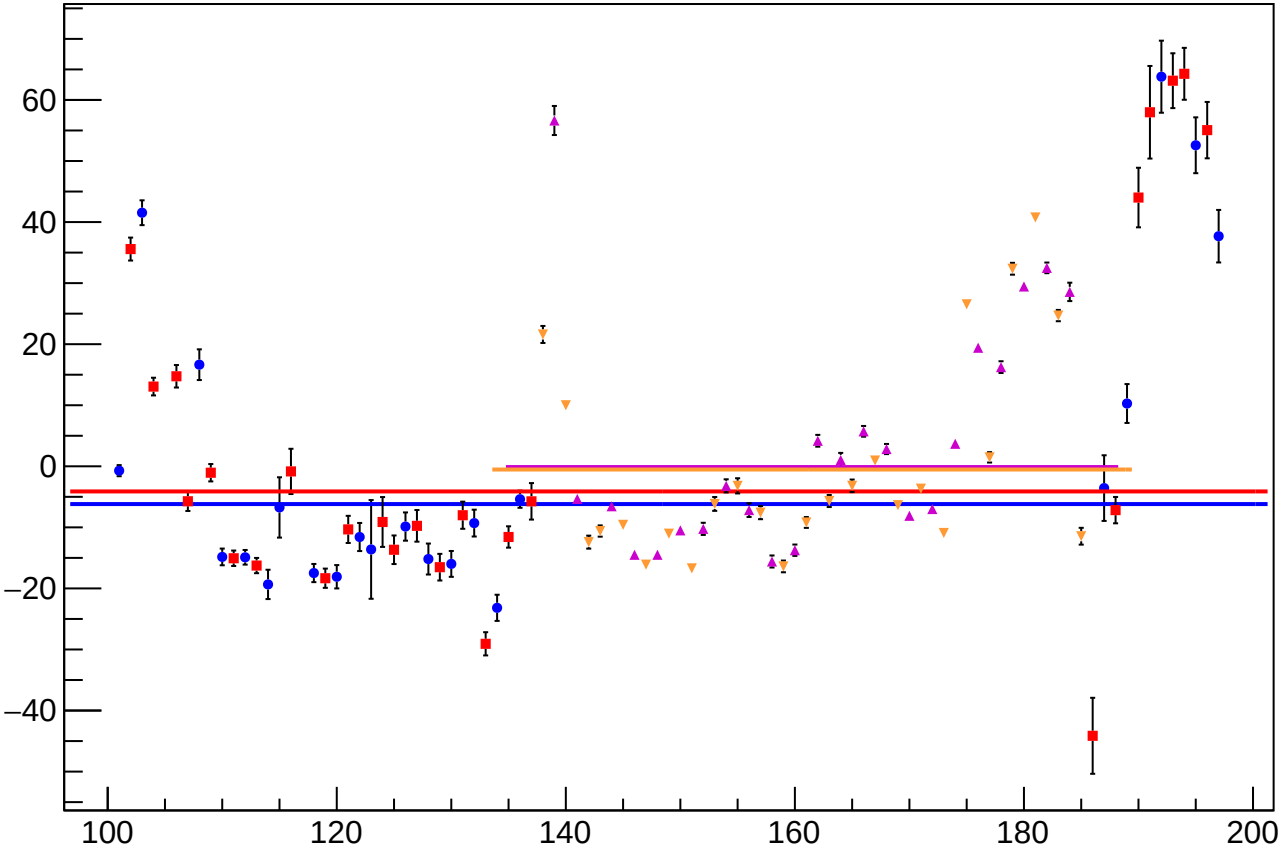
Left In: -41.955+/-0.226 χ^2/NDF:14723.4/22

+ sign -41.895+/-0.220 χ^2/NDF: 18750.8/29

All: -41.242+/-0.156 χ^2/NDF: 35474.3/59

- sign -40.581+/-0.222 χ^2/NDF: 16705.9/29

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -6.186+/-0.417 χ^2/NDF: 1434.1/21

Left Out: -0.527+/-0.175 χ^2/NDF:8707.9/24

Right Out: -4.116+/-0.413 χ^2/NDF: 2060.8/24

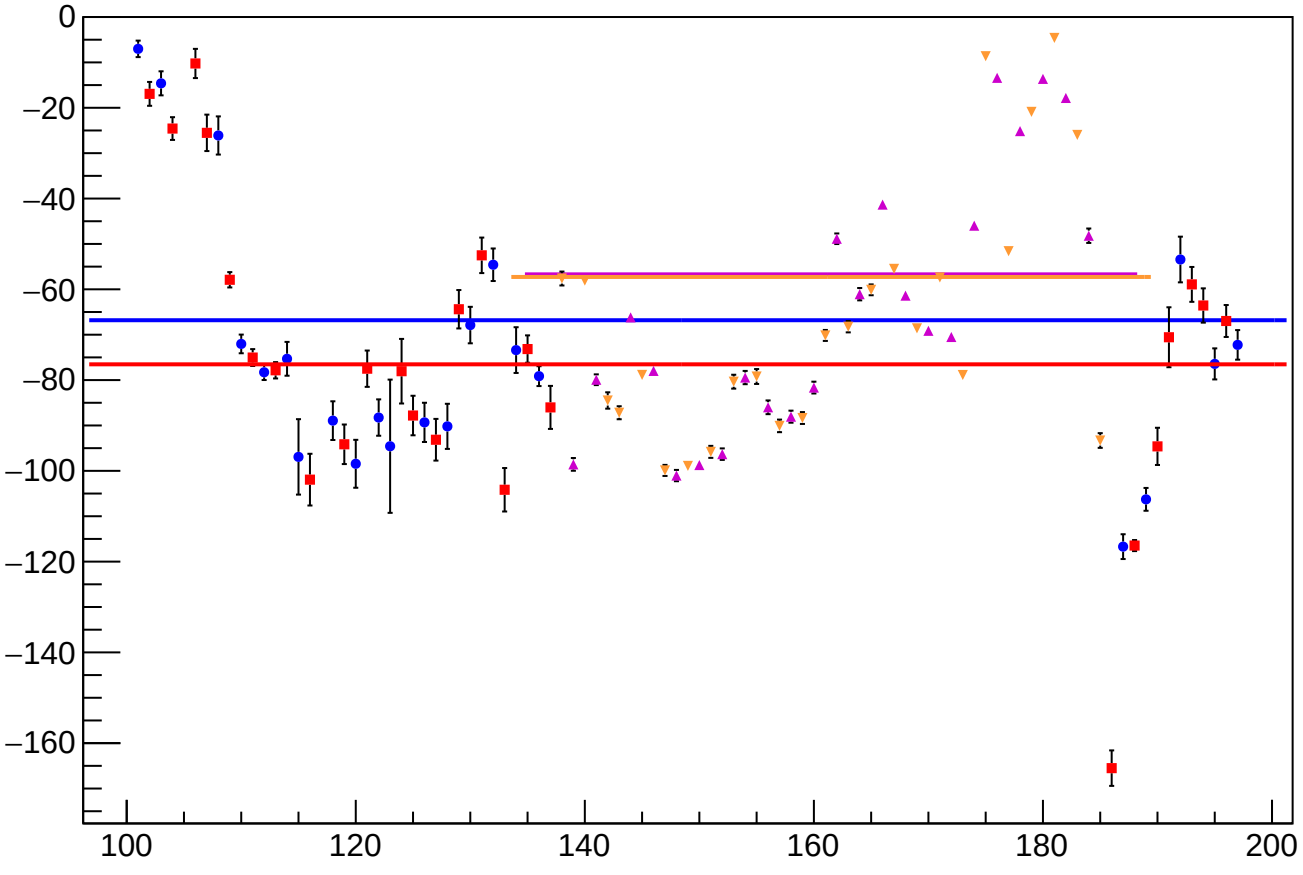
Left In: -0.125+/-0.179 χ^2/NDF:6925.0/22

+ sign -1.371+/-0.161 χ^2/NDF: 10298.4/46

All: -1.067+/-0.115 χ^2/NDF: 19370.1/94

- sign -0.753+/-0.164 χ^2/NDF: 9064.5/47

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -66.811+/-0.657 χ^2/NDF: 2422.4/21

Left Out: -57.276+/-0.224 χ^2/NDF:18511.1/24

Right Out: -76.528+/-0.574 χ^2/NDF: 3445.3/24

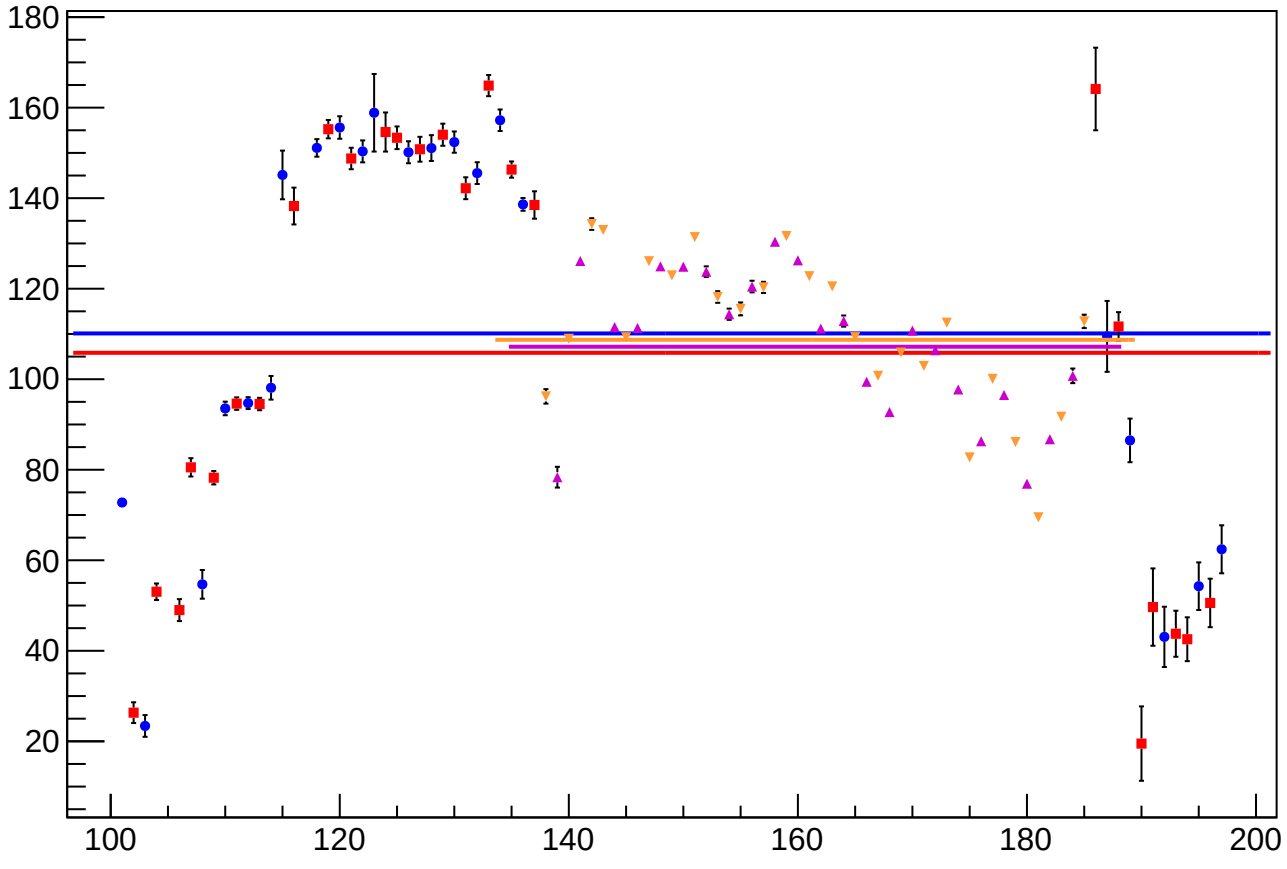
Left In: -56.705+/-0.226 χ^2/NDF:16547.5/22

+ sign -58.266+/-0.212 χ^2/NDF: 21122.4/46

All: -58.820+/-0.149 χ^2/NDF: 42161.9/94

- sign -59.368+/-0.210 χ^2/NDF: 21025.9/47

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 110.117+/-0.478 χ^2/NDF: 6287.9/21

Left Out: 108.709+/-0.198 χ^2/NDF:7297.0/24

Right Out: 105.838+/-0.474 χ^2/NDF: 7467.1/24

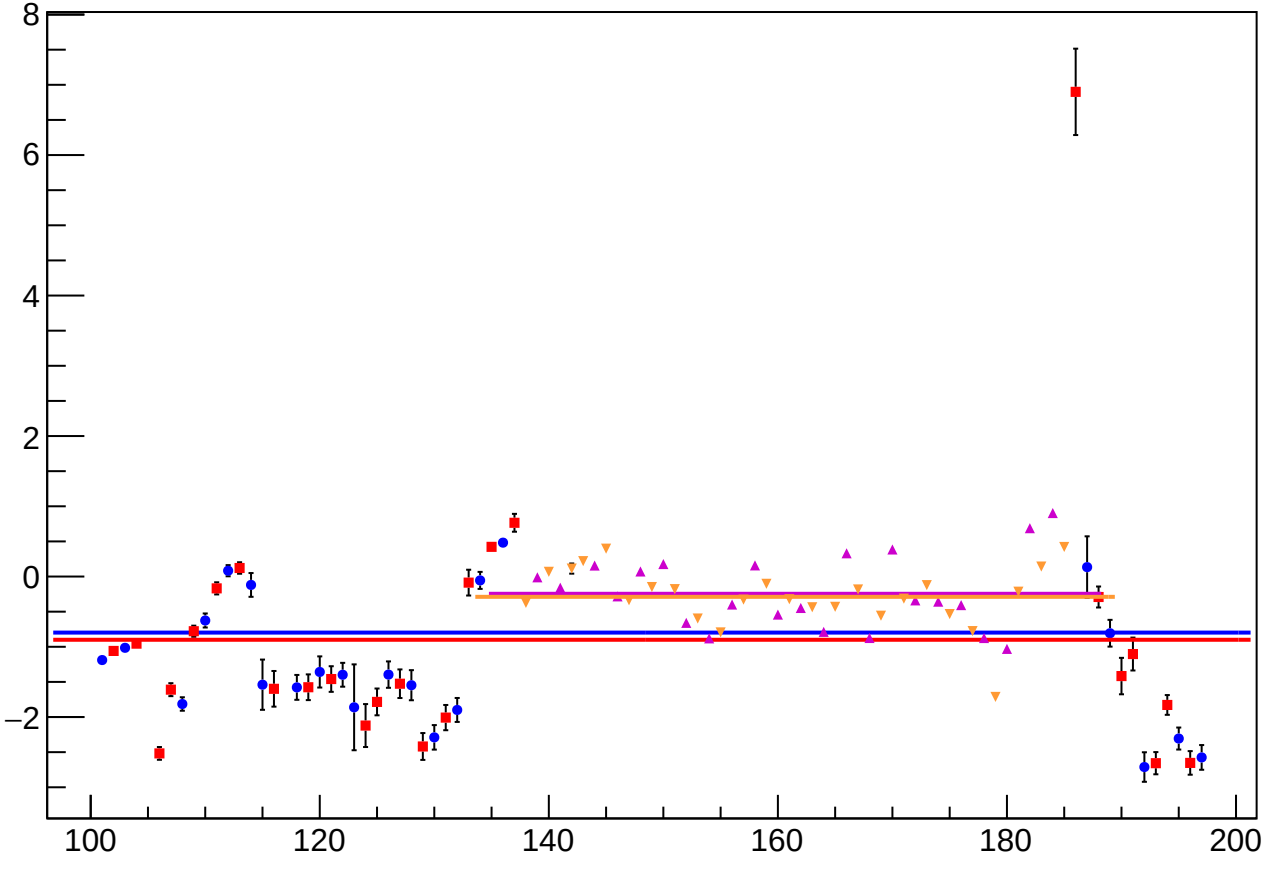
Left In: 107.180+/-0.202 χ^2/NDF:5592.3/22

+ sign 108.914+/-0.183 χ^2/NDF: 13592.3/46

All: 107.960+/-0.130 χ^2/NDF: 26713.9/94

- sign 106.975+/-0.186 χ^2/NDF: 13066.2/47

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.798+/-0.025 χ^2/NDF: 1291.8/21

Left Out: -0.289+/-0.009 χ^2/NDF:2039.6/24

Right Out: -0.900+/-0.023 χ^2/NDF: 1780.7/24

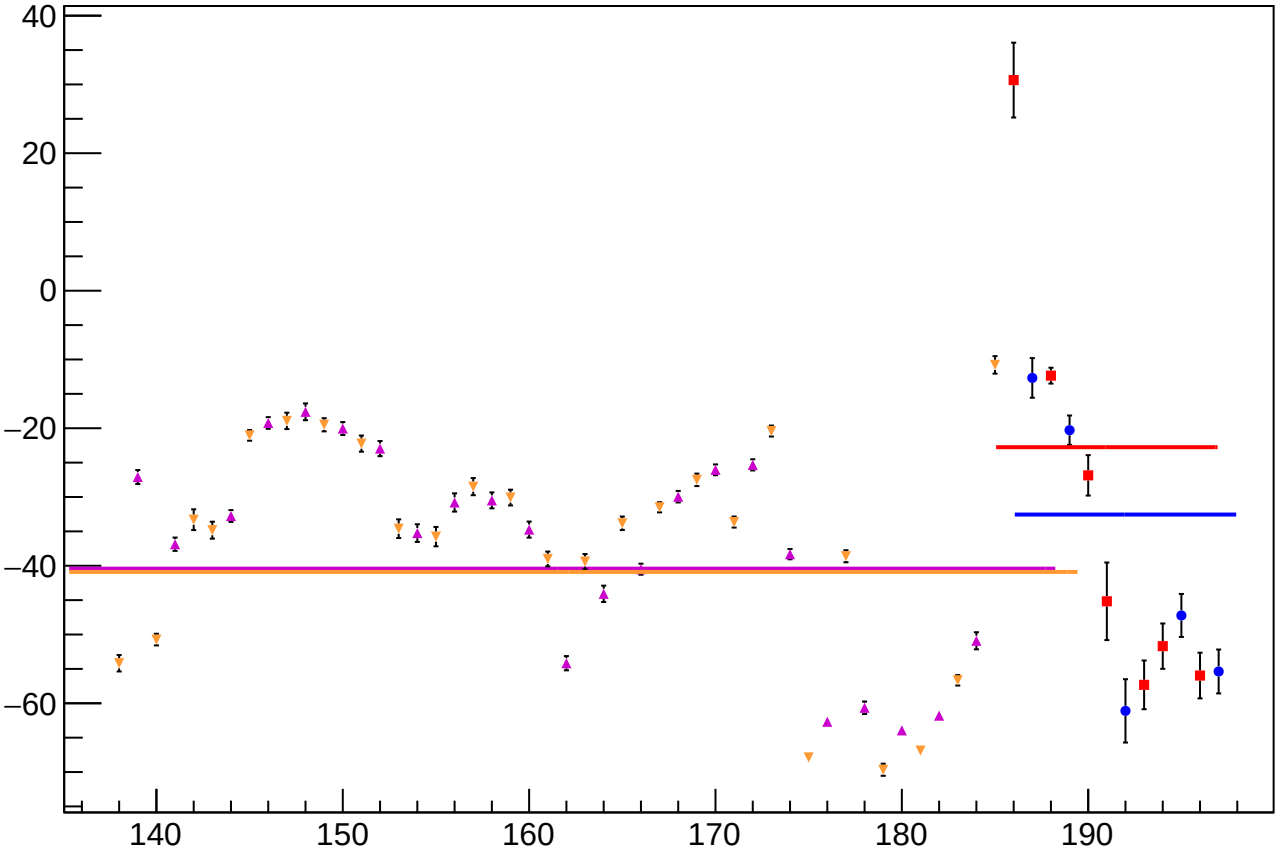
Left In: -0.246+/-0.009 χ^2/NDF:2804.3/22

+ sign -0.349+/-0.009 χ^2/NDF: 3704.4/46

All: -0.342+/-0.006 χ^2/NDF: 8983.9/94

- sign -0.335+/-0.009 χ^2/NDF: 5278.1/47

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -32.553+/-1.305 χ^2/NDF: 192.1/4

Left Out: -40.897+/-0.186 χ^2/NDF:9114.7/24

Right Out: -22.754+/-0.916 χ^2/NDF: 467.2/6

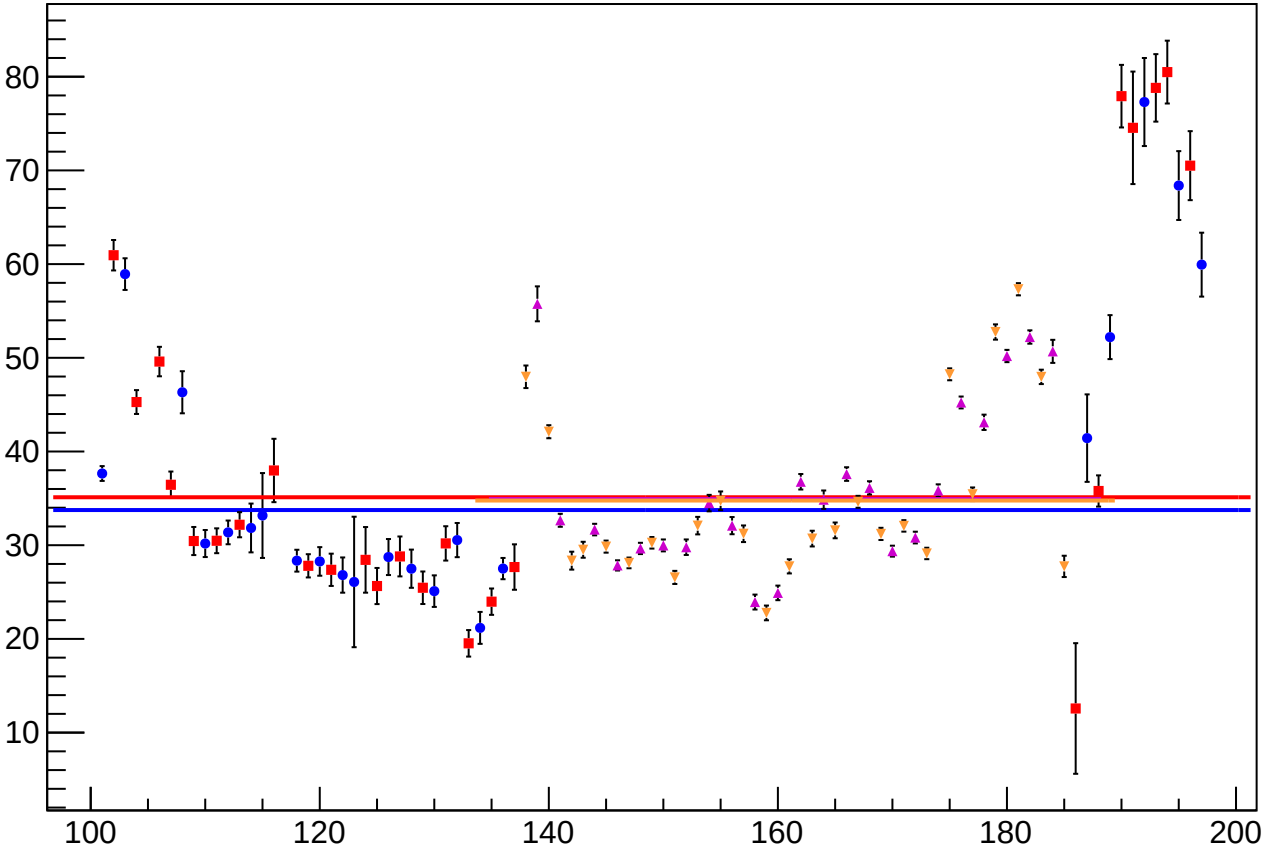
Left In: -40.422+/-0.189 χ^2/NDF:7030.2/22

+ sign -40.730+/-0.185 χ^2/NDF: 9346.9/29

All: -40.216+/-0.131 χ^2/NDF: 17216.9/59

- sign -39.701+/-0.185 χ^2/NDF: 7854.5/29

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 33.752+/-0.362 χ^2/NDF: 765.8/21

Left Out: 34.768+/-0.148 χ^2/NDF:3677.3/24

Right Out: 35.117+/-0.361 χ^2/NDF: 1393.8/24

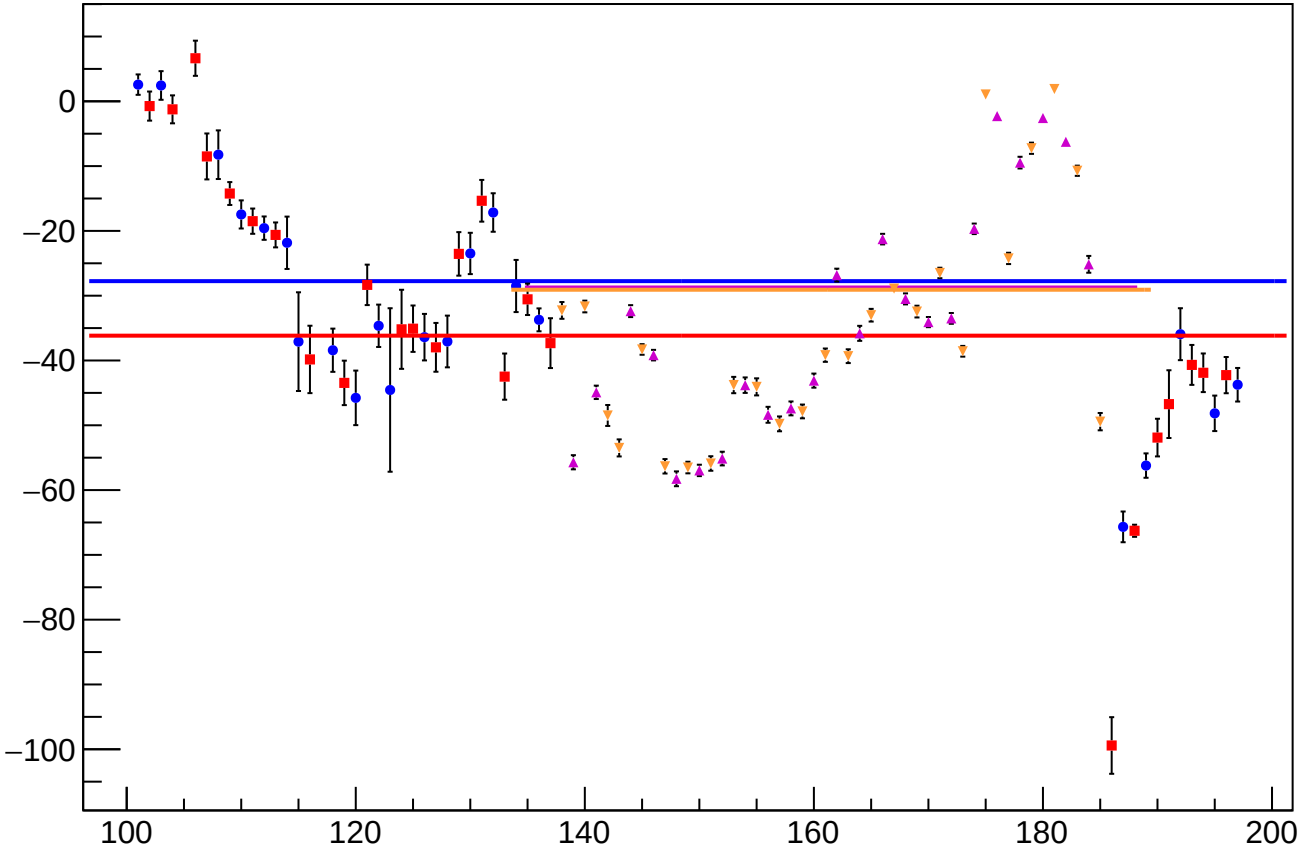
Left In: 34.928+/-0.151 χ^2/NDF:2688.4/22

+ sign 34.623+/-0.137 χ^2/NDF: 4449.9/46

All: 34.786+/-0.098 χ^2/NDF: 8535.2/94

- sign 34.956+/-0.139 χ^2/NDF: 4082.4/47

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -27.753+/-0.571 χ^2/NDF: 1286.5/21

Left Out: -29.080+/-0.187 χ^2/NDF:10059.5/24

Right Out: -36.169+/-0.495 χ^2/NDF: 2491.2/24

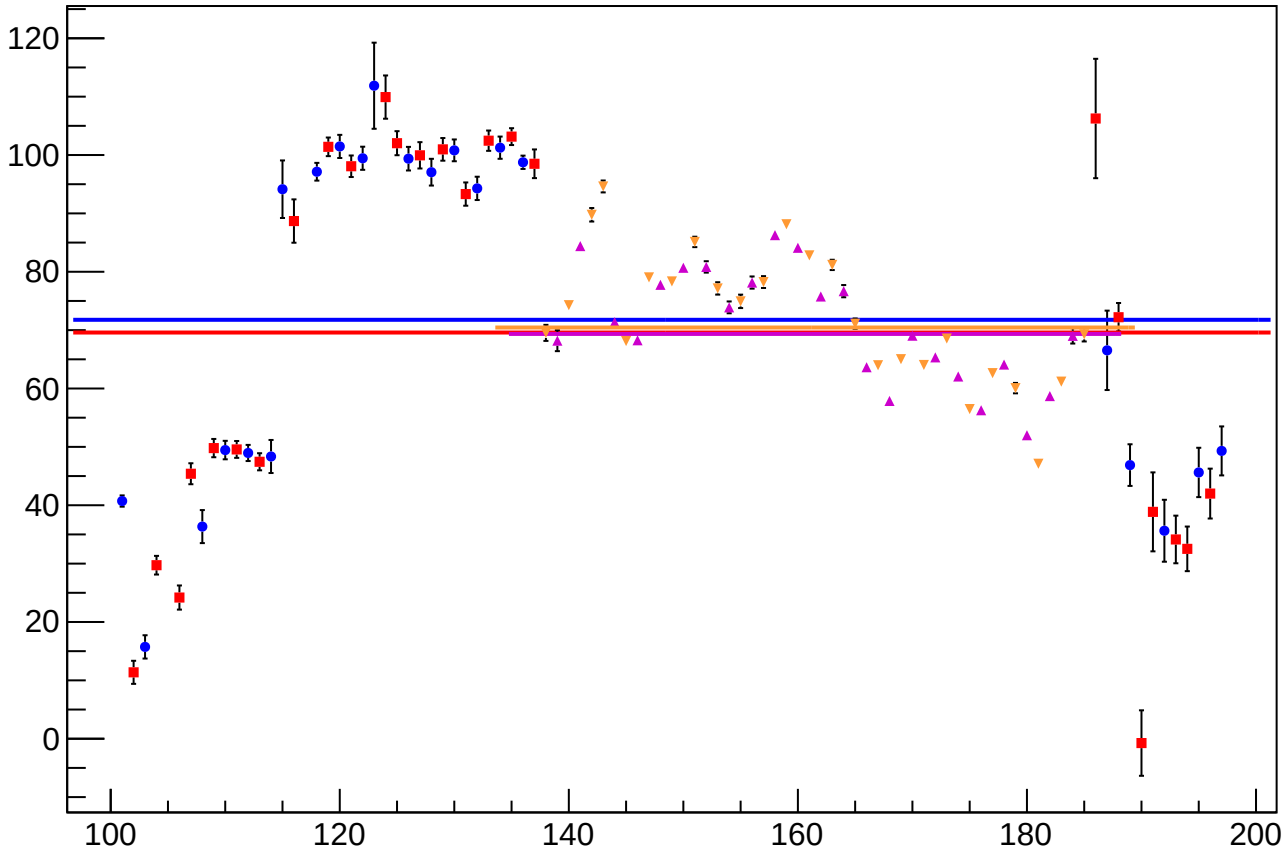
Left In: -28.735+/-0.189 χ^2/NDF:9155.5/22

+ sign -28.951+/-0.178 χ^2/NDF: 11350.8/46

All: -29.319+/-0.125 χ^2/NDF: 23202.9/94

- sign -29.681+/-0.176 χ^2/NDF: 11843.7/47

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 71.771+/-0.417 χ^2/NDF: 4907.3/21

Left Out: 70.450+/-0.167 χ^2/NDF:4484.7/24

Right Out: 69.590+/-0.418 χ^2/NDF: 5785.3/24

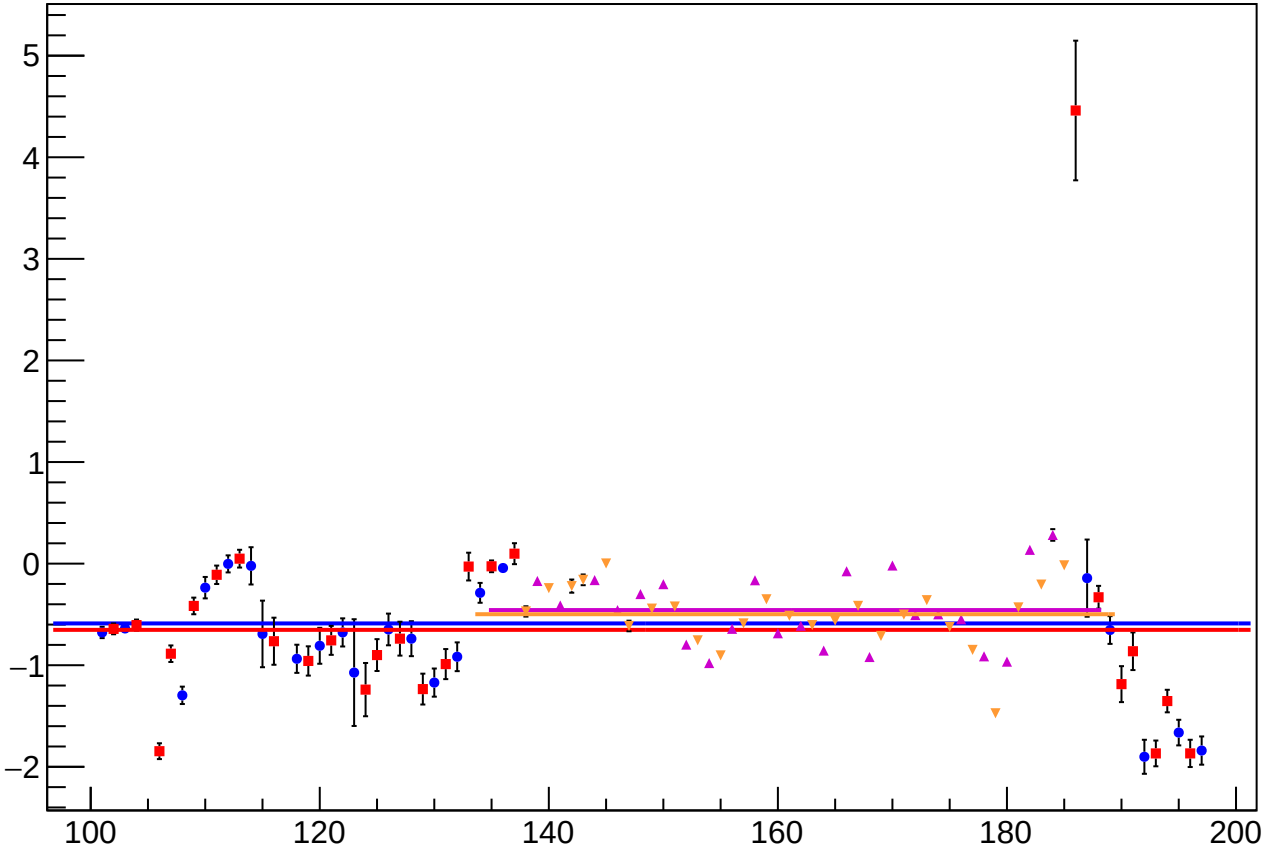
Left In: 69.350+/-0.170 χ^2/NDF:3330.7/22

+ sign 70.632+/-0.155 χ^2/NDF: 9400.6/46

All: 70.018+/-0.110 χ^2/NDF: 18548.9/94

- sign 69.384+/-0.157 χ^2/NDF: 9116.3/47

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.589+/-0.021 χ^2/NDF: 536.4/21

Left Out: -0.498+/-0.008 χ^2/NDF:1440.7/24

Right Out: -0.652+/-0.020 χ^2/NDF: 864.2/24

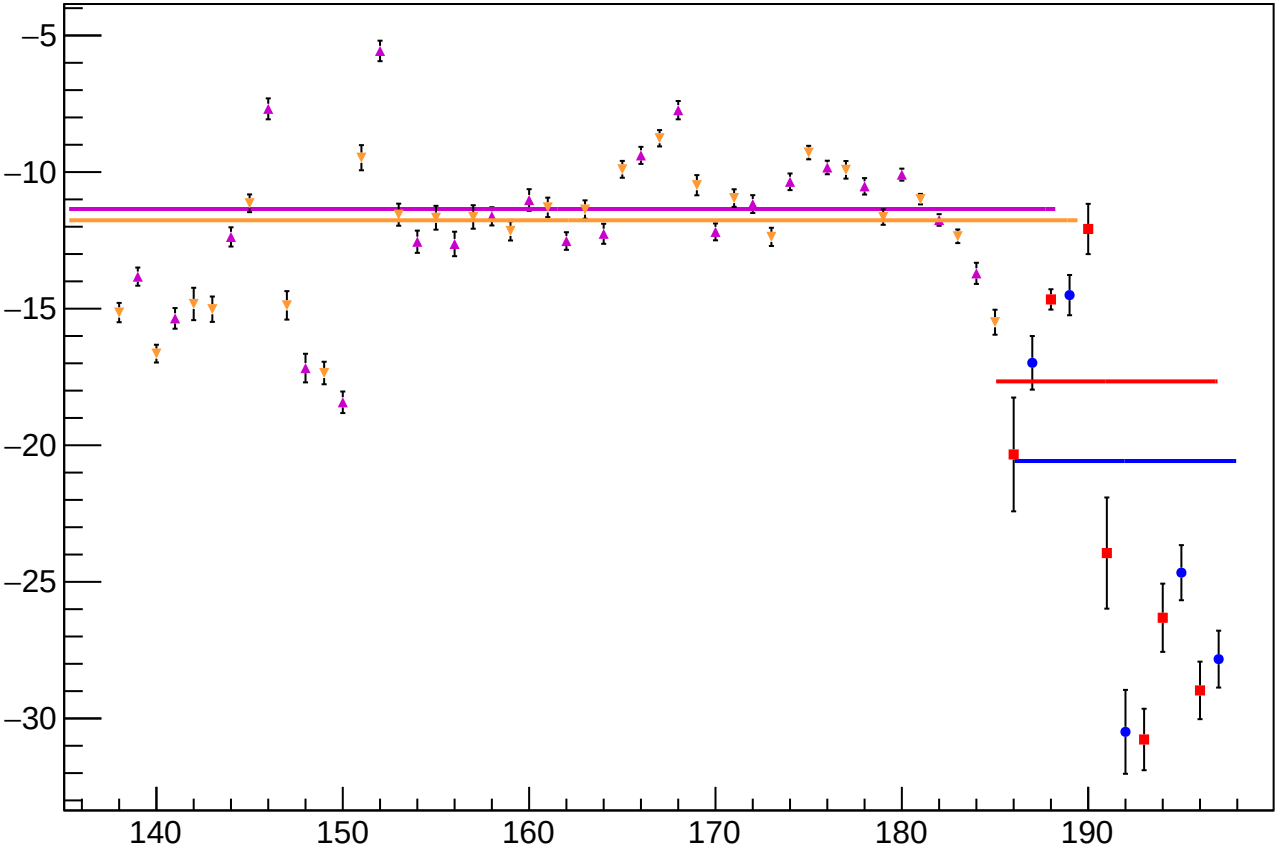
Left In: -0.457+/-0.008 χ^2/NDF:1975.2/22

+ sign -0.508+/-0.007 χ^2/NDF: 1993.3/46

All: -0.495+/-0.005 χ^2/NDF: 4922.0/94

- sign -0.482+/-0.007 χ^2/NDF: 2922.0/47

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -20.576+/-0.438 χ^2/NDF: 187.9/4

Left Out: -11.764+/-0.067 χ^2/NDF:1025.9/24

Right Out: -17.662+/-0.299 χ^2/NDF: 412.3/6

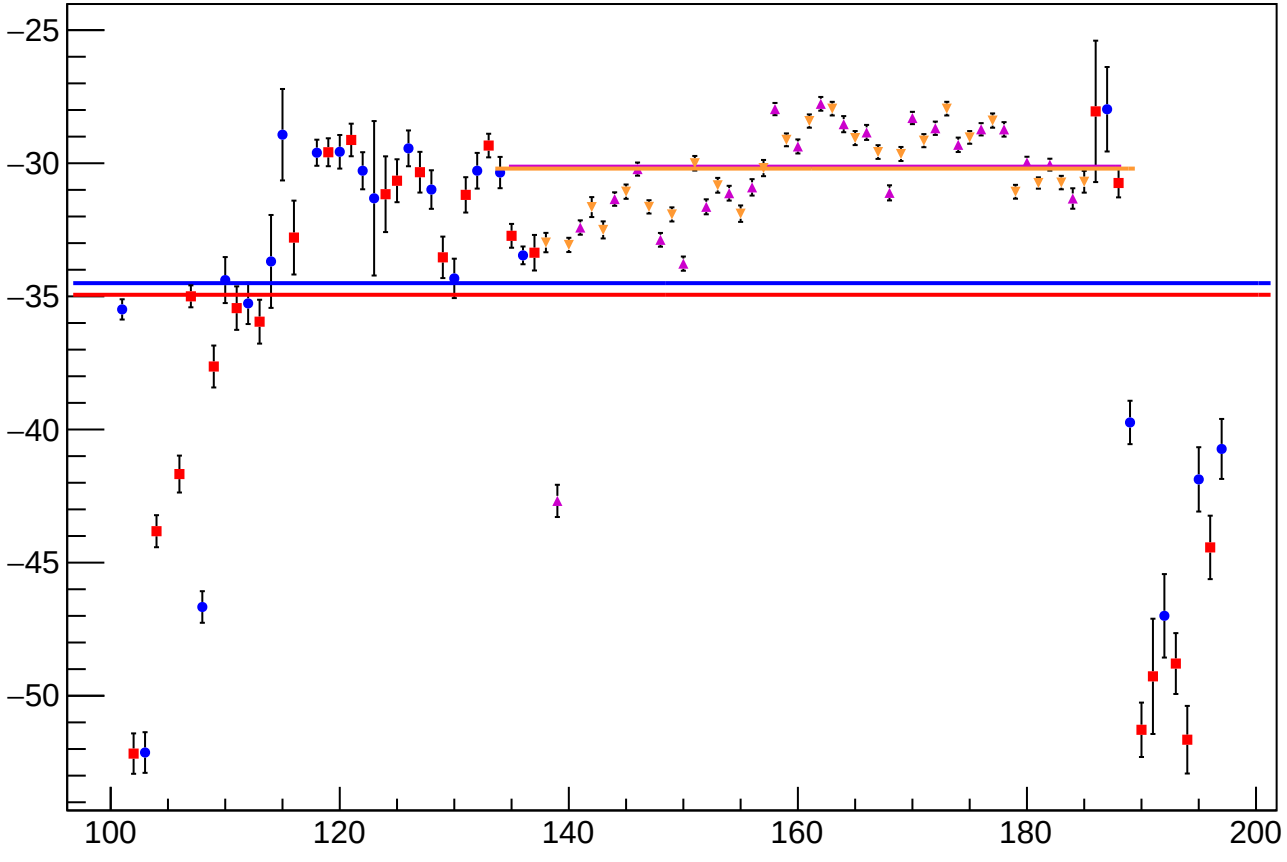
Left In: -11.352+/-0.068 χ^2/NDF:1280.6/22

+ sign -11.964+/-0.066 χ^2/NDF: 1609.0/29

All: -11.812+/-0.047 χ^2/NDF: 3737.1/59

- sign -11.660+/-0.066 χ^2/NDF: 2117.4/29

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.503+/-0.145 χ^2/NDF: 1539.6/21

Left Out: -30.201+/-0.054 χ^2/NDF:725.7/24

Right Out: -34.940+/-0.140 χ^2/NDF: 2084.7/24

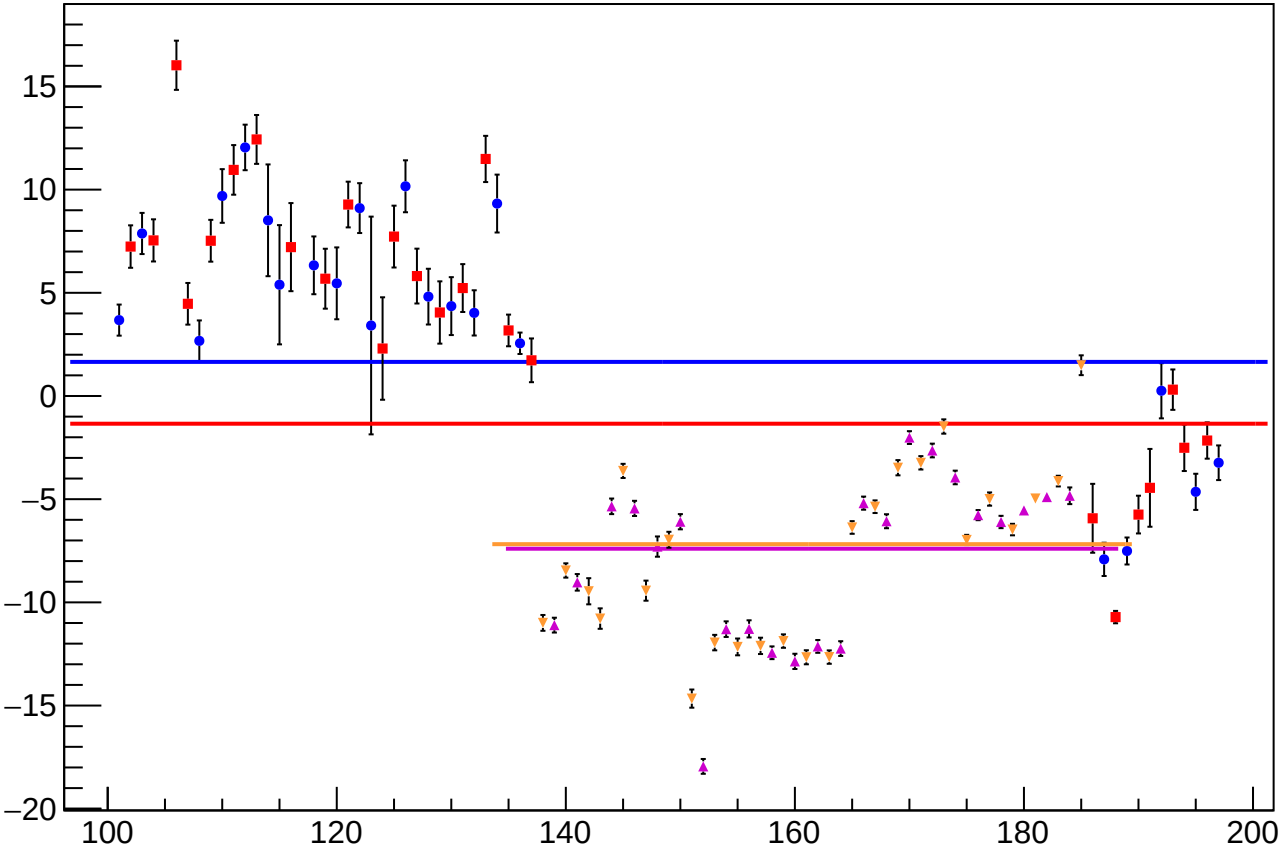
Left In: -30.128+/-0.055 χ^2/NDF:1290.4/22

+ sign -30.727+/-0.051 χ^2/NDF: 3042.3/46

All: -30.751+/-0.036 χ^2/NDF: 7433.9/94

- sign -30.775+/-0.052 χ^2/NDF: 4391.2/47

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 1.652+/-0.219 χ^2/NDF: 752.6/21

Left Out: -7.180+/-0.067 χ^2/NDF:3015.8/24

Right Out: -1.343+/-0.185 χ^2/NDF: 2137.9/24

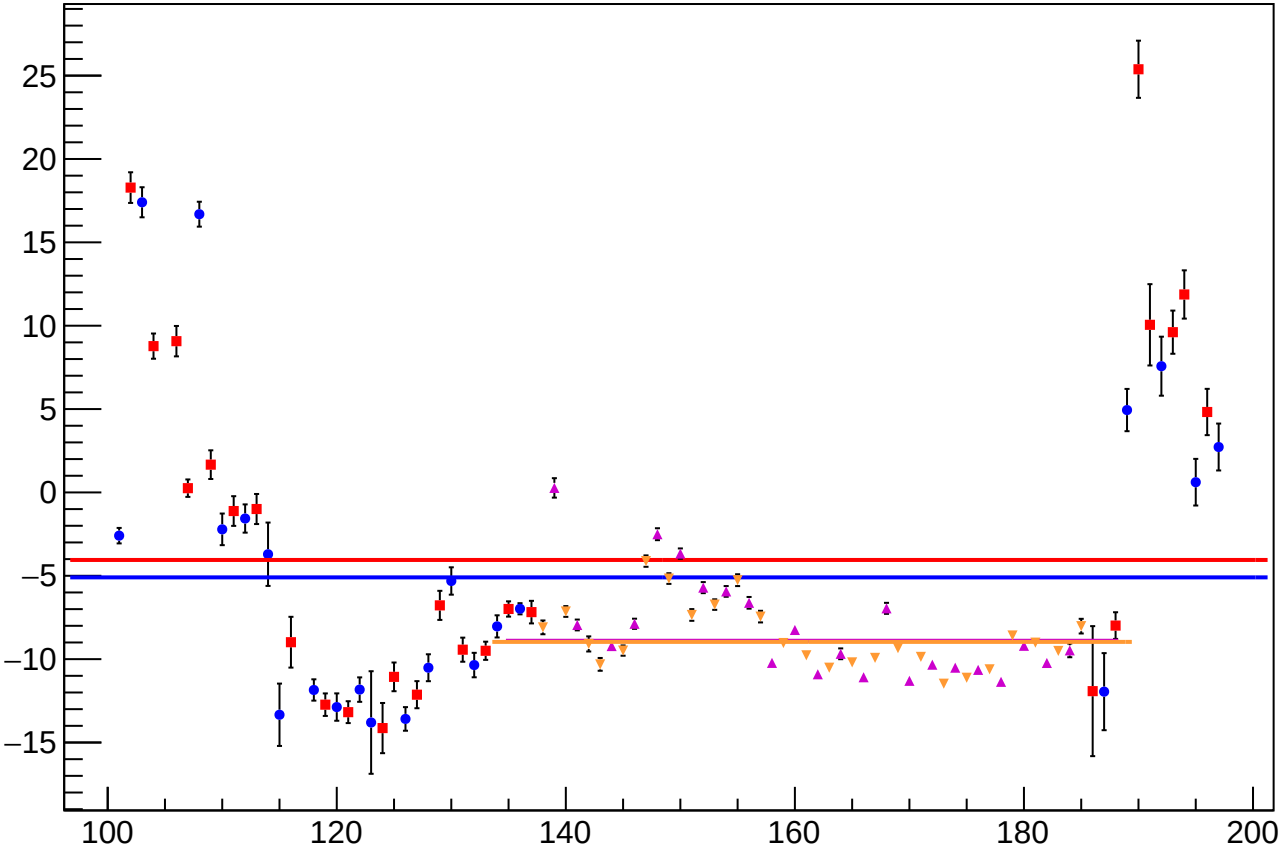
Left In: -7.400+/-0.068 χ^2/NDF:3134.9/22

+ sign -6.423+/-0.064 χ^2/NDF: 5260.3/46

All: -6.556+/-0.045 χ^2/NDF: 11488.9/94

- sign -6.686+/-0.063 χ^2/NDF: 6220.1/47

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.095+/-0.165 χ^2/NDF: 2302.8/21

Left Out: -8.965+/-0.060 χ^2/NDF:876.6/24

Right Out: -4.051+/-0.164 χ^2/NDF: 2655.3/24

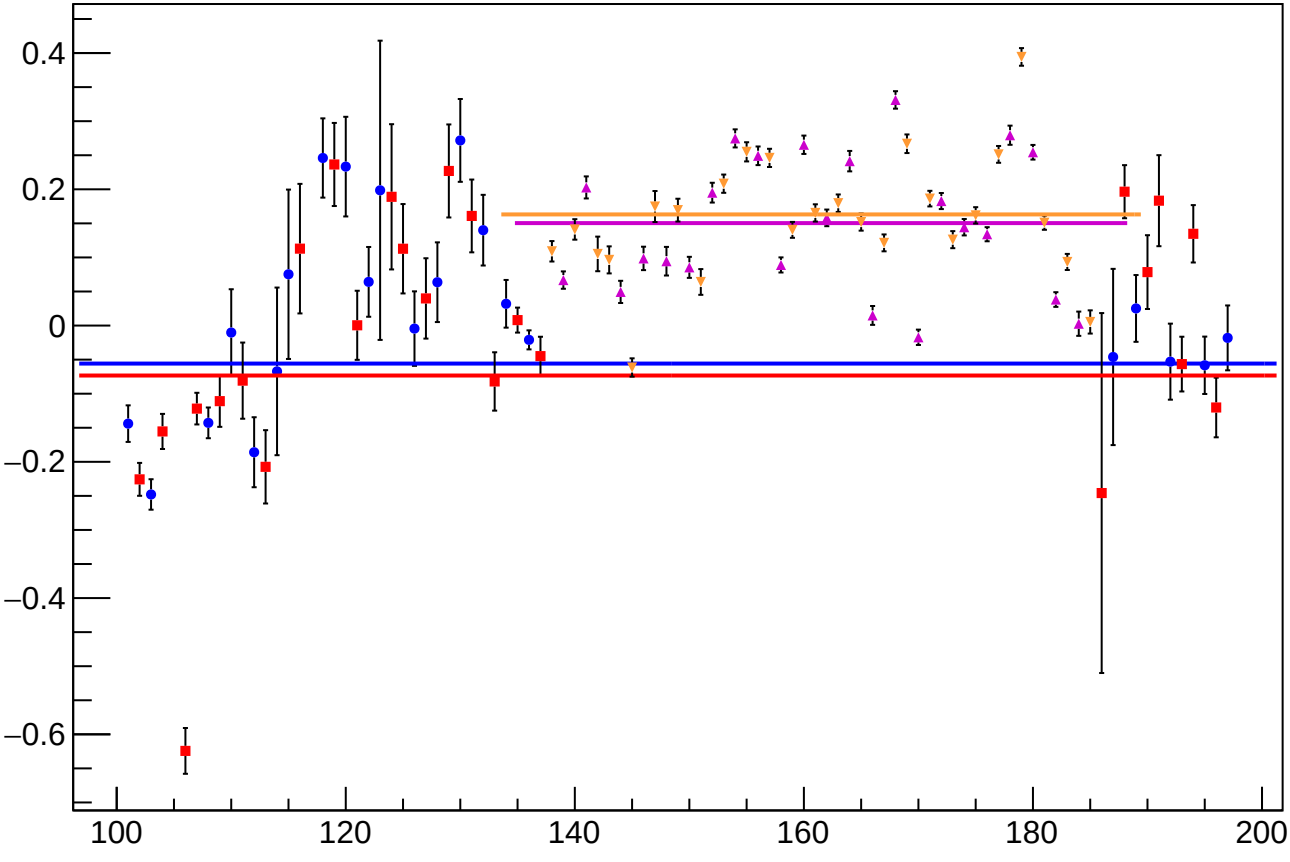
Left In: -8.898+/-0.061 χ^2/NDF:1584.0/22

+ sign -8.509+/-0.057 χ^2/NDF: 3665.5/46

All: -8.407+/-0.040 χ^2/NDF: 8676.6/94

- sign -8.301+/-0.058 χ^2/NDF: 5004.4/47

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.056+/-0.008 χ^2/NDF: 221.1/21

Left Out: 0.163+/-0.003 χ^2/NDF:1011.4/24

Right Out: -0.073+/-0.008 χ^2/NDF: 535.8/24

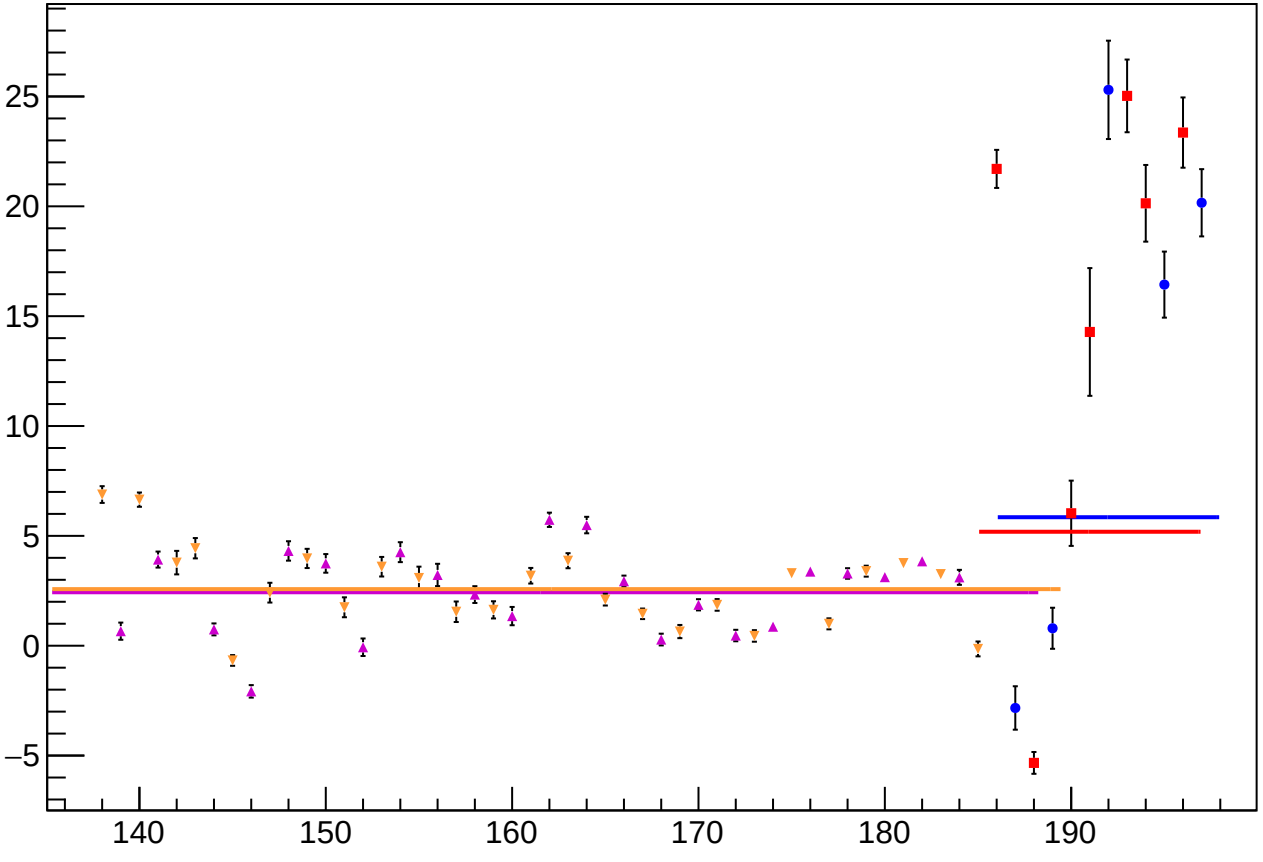
Left In: 0.150+/-0.003 χ^2/NDF:1296.5/22

+ sign 0.140+/-0.003 χ^2/NDF: 1918.0/46

All: 0.132+/-0.002 χ^2/NDF: 4519.5/94

- sign 0.125+/-0.003 χ^2/NDF: 2585.0/47

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 5.849+/-0.556 χ^2/NDF: 319.0/4

Left Out: 2.575+/-0.058 χ^2/NDF:868.1/24

Right Out: 5.187+/-0.377 χ^2/NDF: 1169.0/6

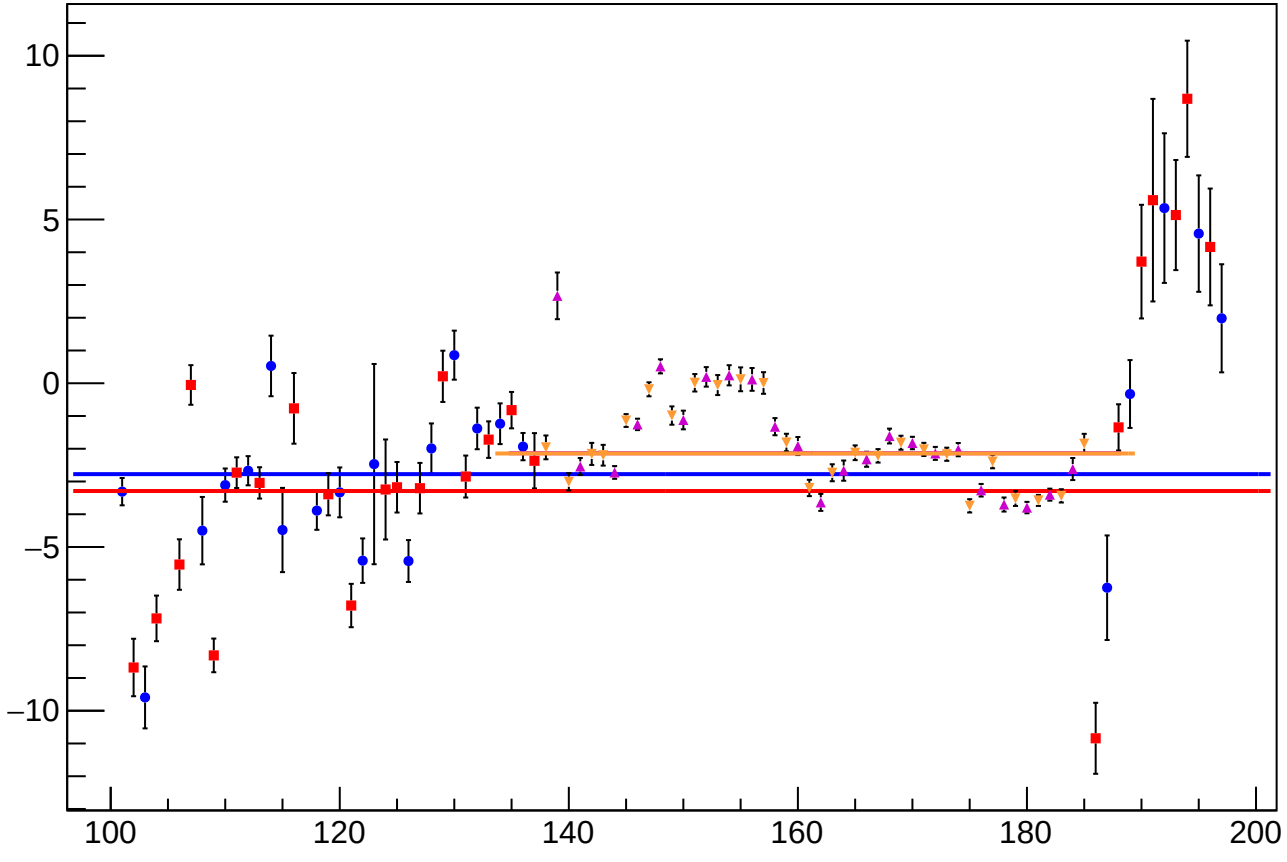
Left In: 2.433+/-0.059 χ^2/NDF:882.9/22

+ sign 2.611+/-0.058 χ^2/NDF: 1221.4/29

All: 2.556+/-0.041 χ^2/NDF: 3327.4/59

- sign 2.499+/-0.058 χ^2/NDF: 2104.1/29

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.775+/-0.150 χ^2/NDF: 195.9/21

Left Out: -2.145+/-0.048 χ^2/NDF:572.6/24

Right Out: -3.291+/-0.147 χ^2/NDF: 454.7/24

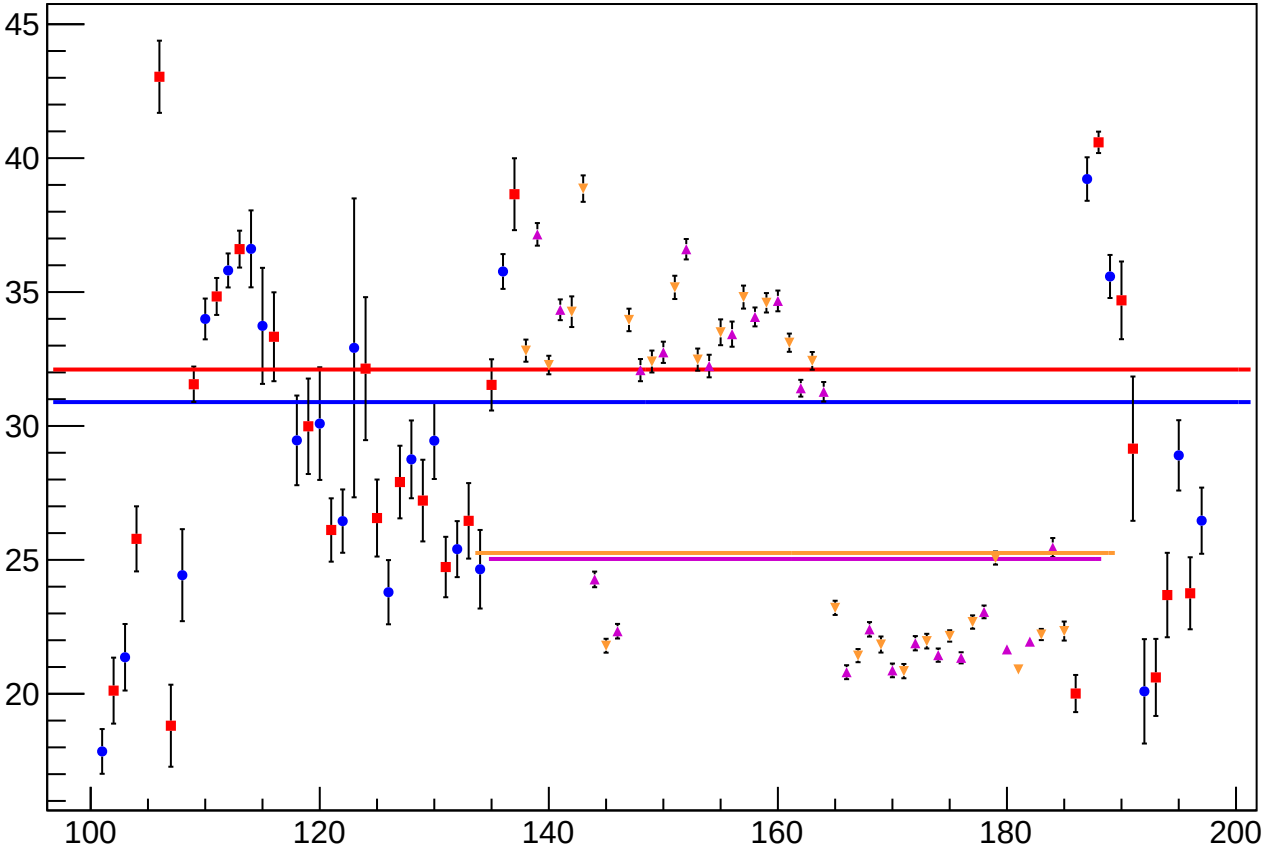
Left In: -2.137+/-0.048 χ^2/NDF:693.6/22

+ sign -2.202+/-0.045 χ^2/NDF: 784.5/46

All: -2.225+/-0.032 χ^2/NDF: 1988.6/94

- sign -2.249+/-0.046 χ^2/NDF: 1203.6/47

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 30.892+/-0.232 χ^2/NDF: 751.3/21

Left Out: 25.258+/-0.059 χ^2/NDF:8135.5/24

Right Out: 32.108+/-0.200 χ^2/NDF: 1356.5/24

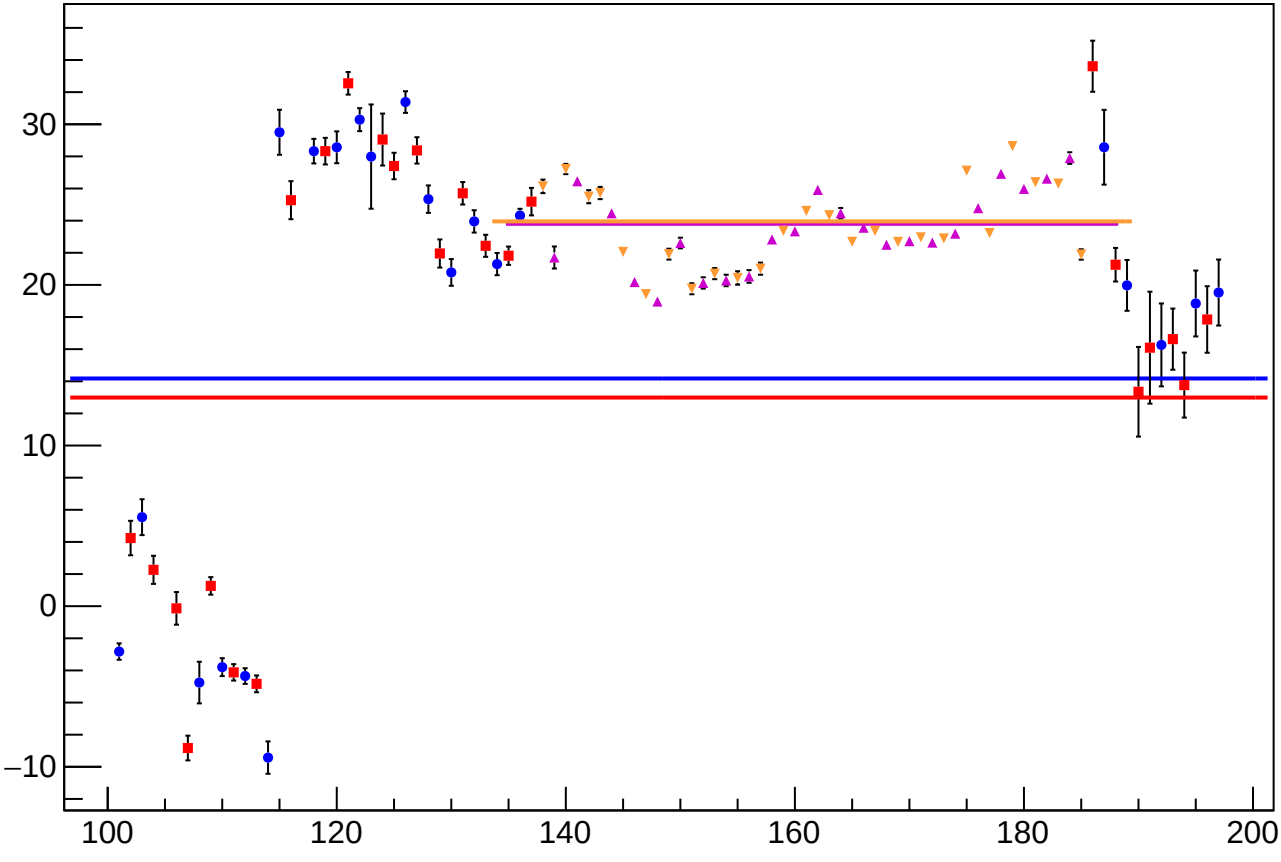
Left In: 25.034+/-0.059 χ^2/NDF:7690.0/22

+ sign 25.600+/-0.057 χ^2/NDF: 9441.9/46

All: 25.605+/-0.040 χ^2/NDF: 19643.1/94

- sign 25.610+/-0.057 χ^2/NDF: 10201.2/47

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 14.175+/-0.169 χ^2/NDF: 7457.9/21

Left Out: 23.953+/-0.053 χ^2/NDF:1915.9/24

Right Out: 12.987+/-0.168 χ^2/NDF: 7213.5/24

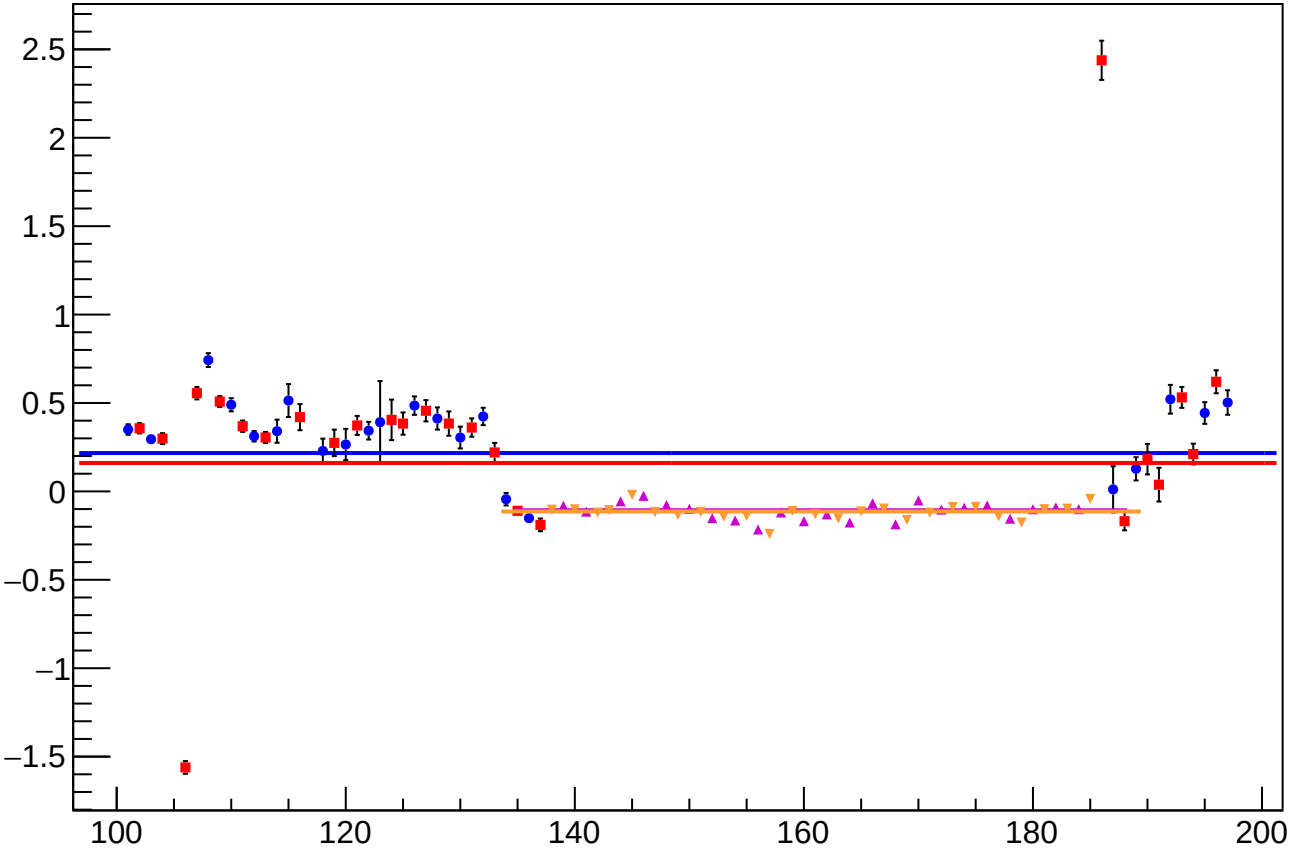
Left In: 23.804+/-0.054 χ^2/NDF:1760.4/22

+ sign 23.071+/-0.051 χ^2/NDF: 12420.9/46

All: 22.935+/-0.036 χ^2/NDF: 25162.9/94

- sign 22.797+/-0.051 χ^2/NDF: 12727.5/47

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.217+/-0.009 χ^2/NDF: 896.7/21

Left Out: -0.114+/-0.002 χ^2/NDF:290.8/24

Right Out: 0.161+/-0.009 χ^2/NDF: 3568.6/24

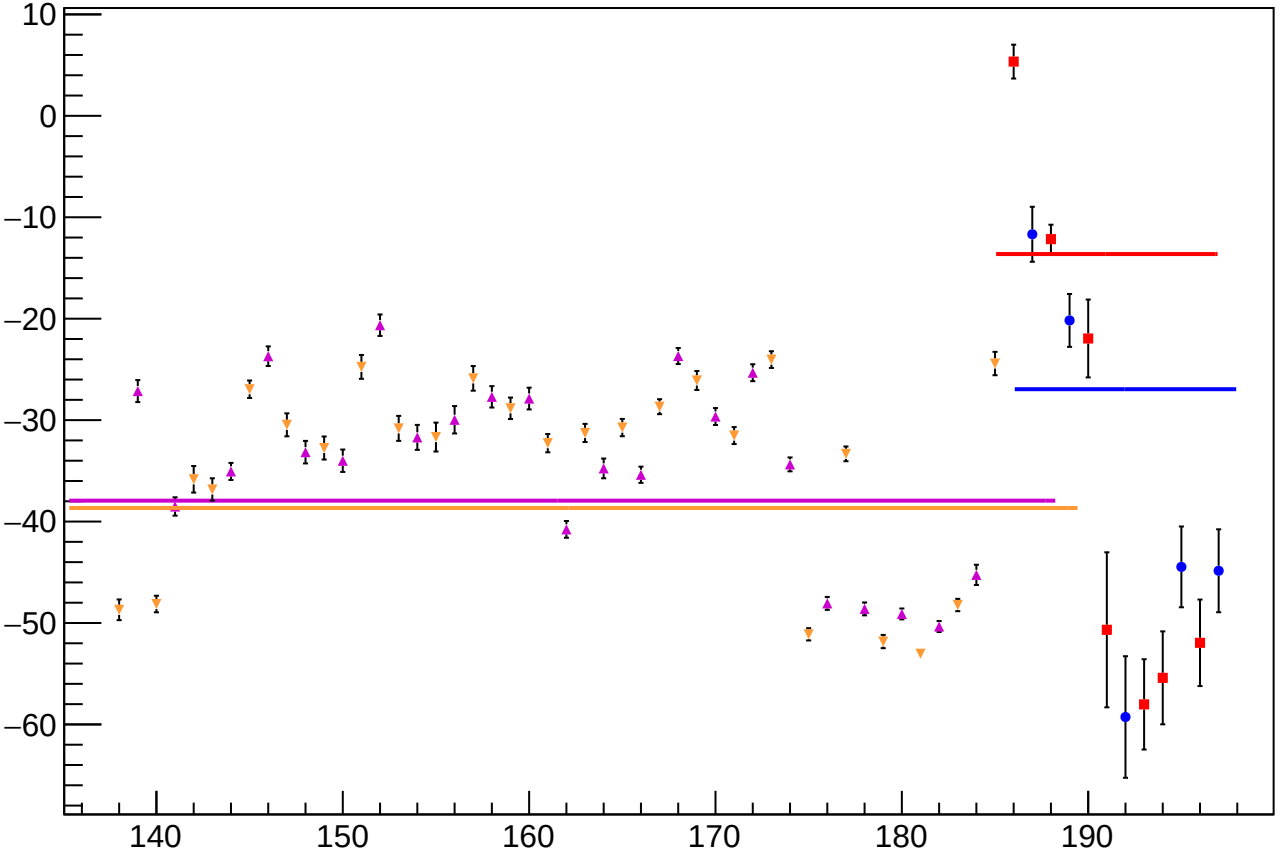
Left In: -0.107+/-0.002 χ^2/NDF:322.0/22

+ sign -0.091+/-0.002 χ^2/NDF: 2441.9/46

All: -0.089+/-0.002 χ^2/NDF: 7214.3/94

- sign -0.087+/-0.002 χ^2/NDF: 4770.7/47

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -26.951+/-1.518 χ^2/NDF: 106.1/4

Left Out: -38.660+/-0.169 χ^2/NDF:4073.8/24

Right Out: -13.626+/-0.957 χ^2/NDF: 421.9/6

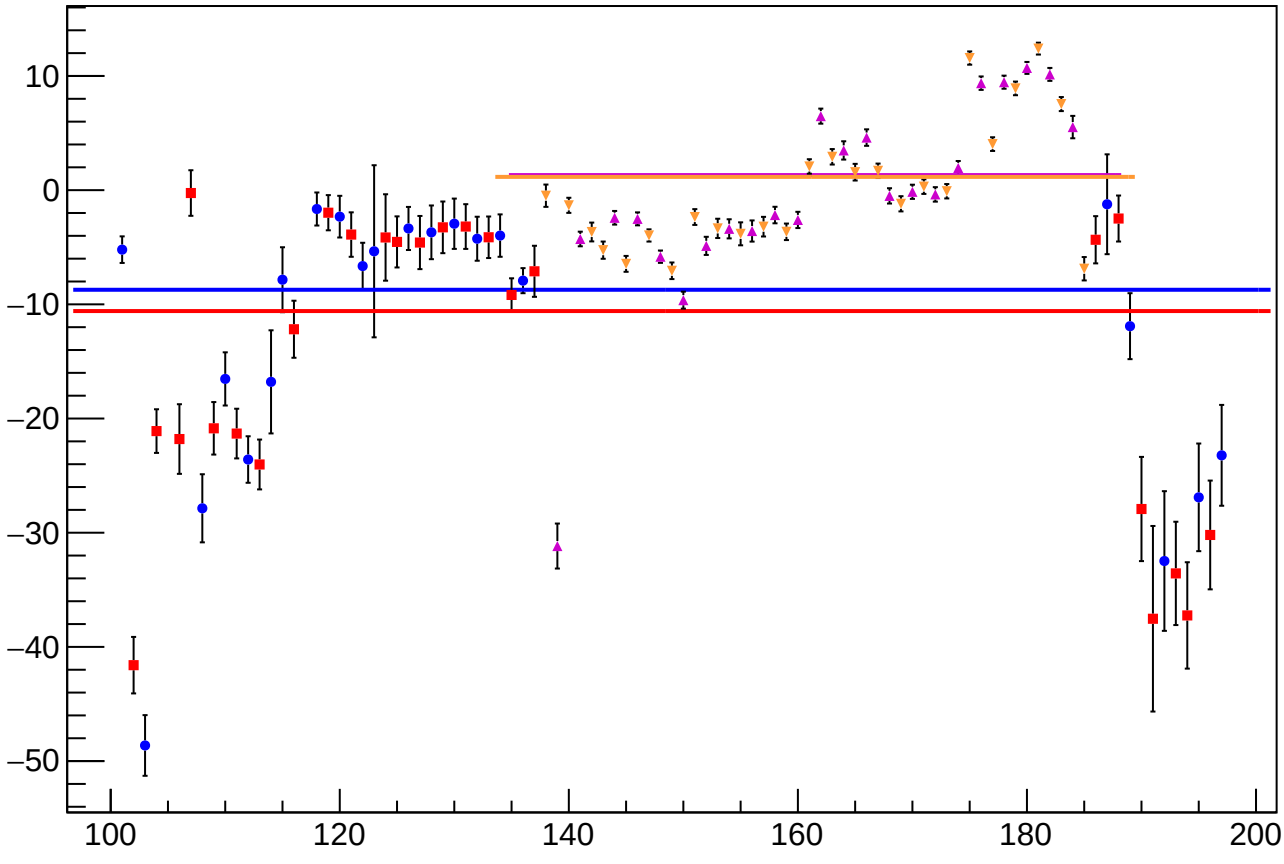
Left In: -37.939+/-0.173 χ^2/NDF:3133.2/22

+ sign -38.516+/-0.168 χ^2/NDF: 4238.7/29

All: -37.851+/-0.120 χ^2/NDF: 8450.6/59

- sign -37.174+/-0.170 χ^2/NDF: 4180.4/29

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.724+/-0.448 χ^2/NDF: 458.0/21

Left Out: 1.163+/-0.136 χ^2/NDF:1786.1/24

Right Out: -10.588+/-0.456 χ^2/NDF: 537.1/24

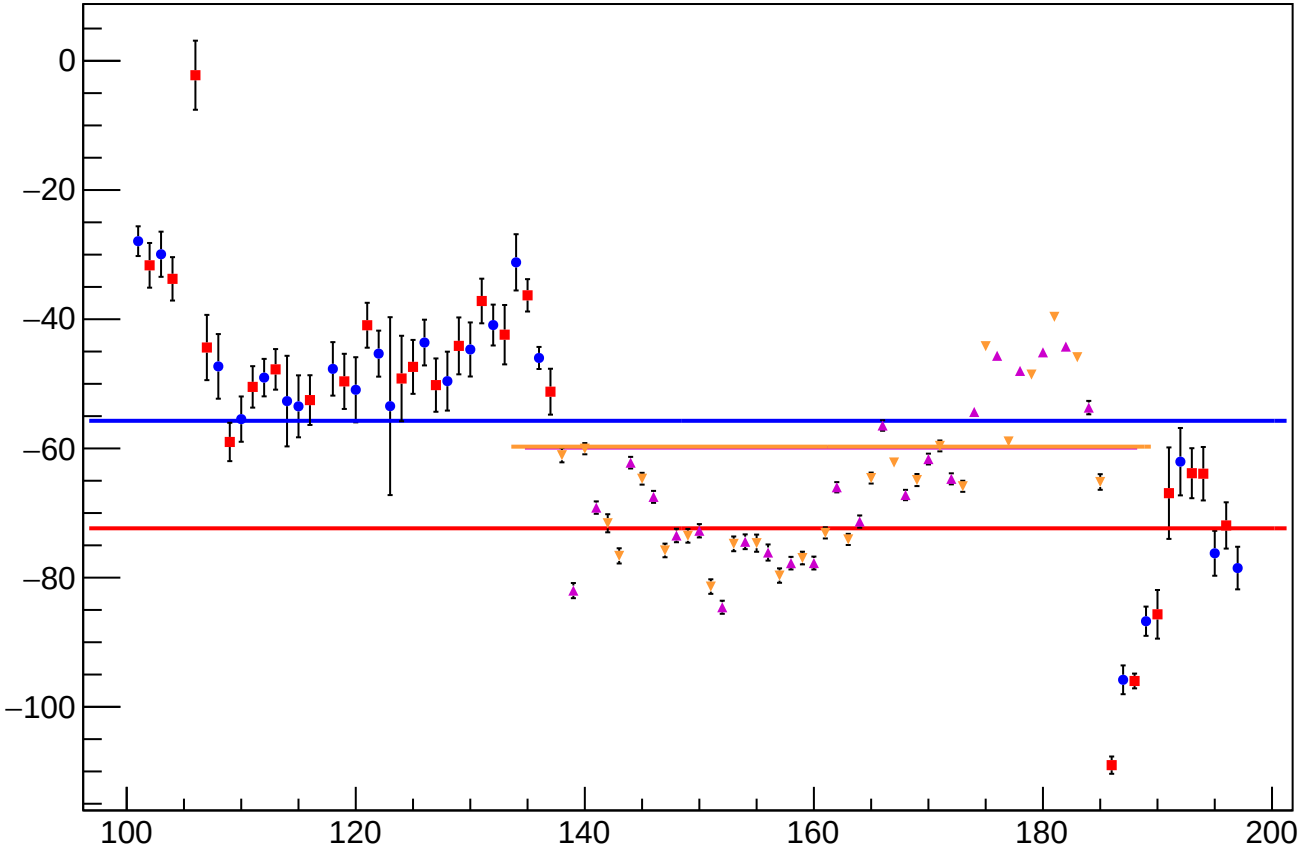
Left In: 1.319+/-0.139 χ^2/NDF:2080.7/22

+ sign 0.326+/-0.130 χ^2/NDF: 2689.5/46

All: 0.313+/-0.093 χ^2/NDF: 5931.8/94

- sign 0.299+/-0.133 χ^2/NDF: 3242.2/47

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -55.723+/-0.699 χ^2/NDF: 924.7/21

Left Out: -59.724+/-0.170 χ^2/NDF:5789.8/24

Right Out: -72.364+/-0.583 χ^2/NDF: 2443.3/24

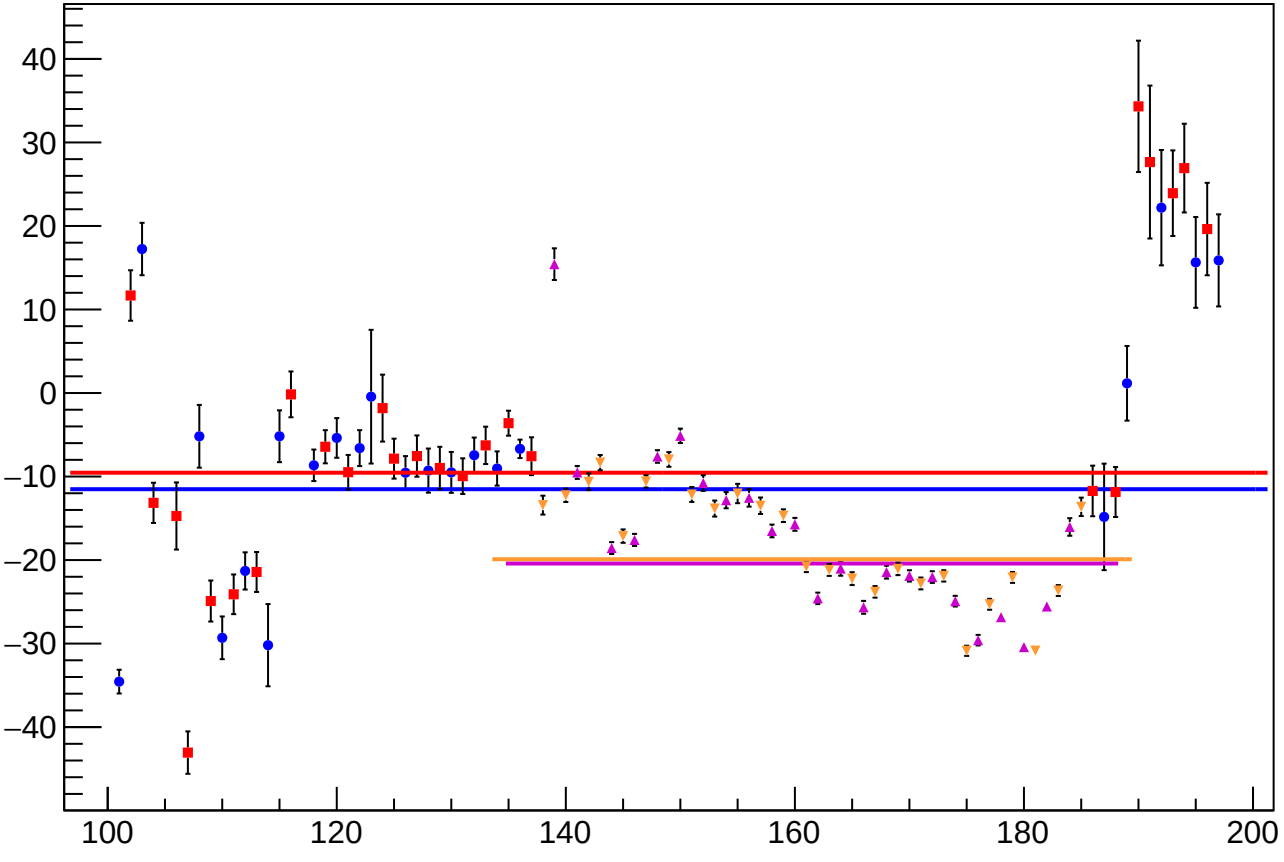
Left In: -59.864+/-0.173 χ^2/NDF:5275.1/22

+ sign -59.500+/-0.166 χ^2/NDF: 6745.4/46

All: -60.185+/-0.117 χ^2/NDF: 14920.0/94

- sign -60.871+/-0.166 χ^2/NDF: 8140.4/47

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -11.516+/-0.509 χ^2/NDF: 560.3/21

Left Out: -19.902+/-0.153 χ^2/NDF:1904.7/24

Right Out: -9.543+/-0.526 χ^2/NDF: 532.8/24

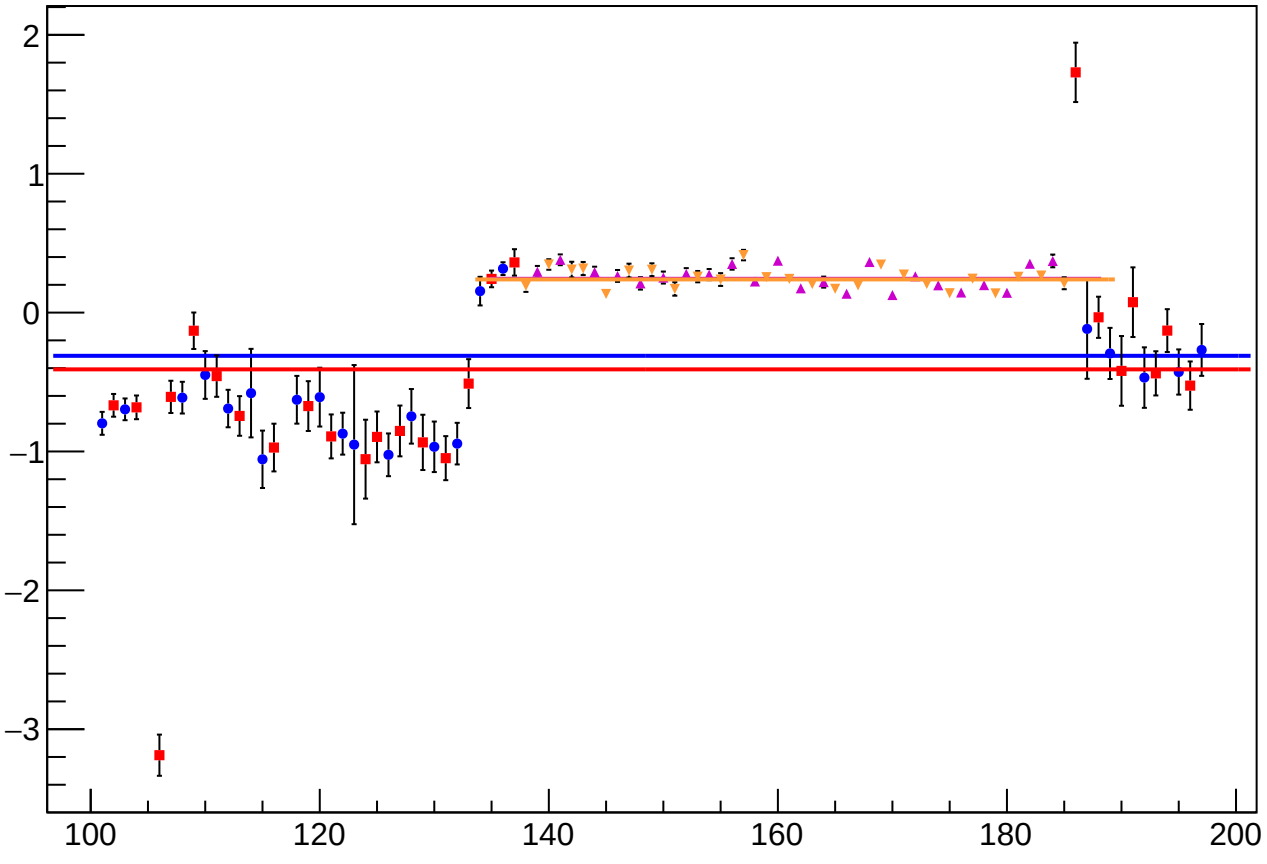
Left In: -20.412+/-0.156 χ^2/NDF:2345.4/22

+ sign -19.205+/-0.147 χ^2/NDF: 2714.2/46

All: -19.365+/-0.105 χ^2/NDF: 5986.8/94

- sign -19.532+/-0.150 χ^2/NDF: 3270.2/47

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.311+/-0.026 χ^2/NDF: 373.8/21

Left Out: 0.239+/-0.007 χ^2/NDF:93.5/24

Right Out: -0.409+/-0.026 χ^2/NDF: 745.3/24

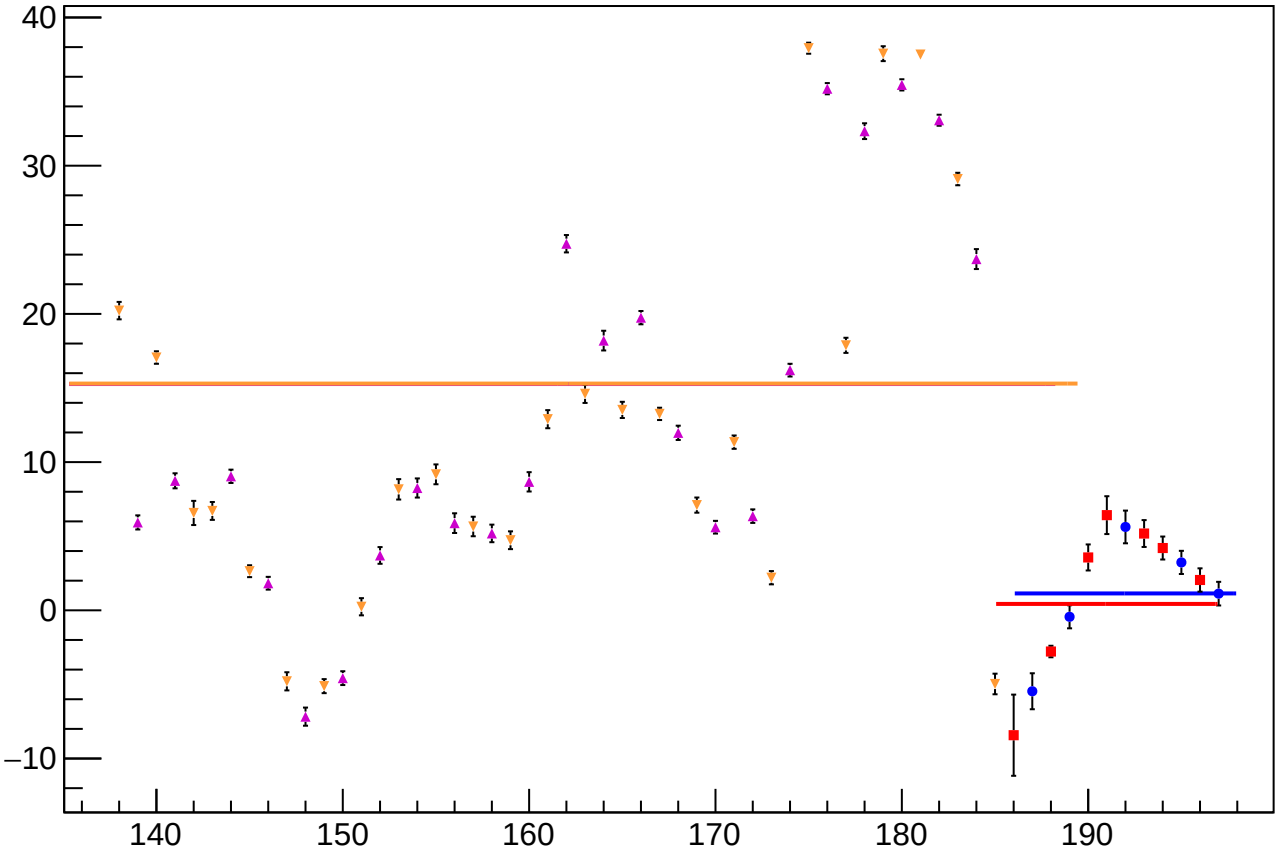
Left In: 0.243+/-0.007 χ^2/NDF:139.2/22

+ sign 0.202+/-0.007 χ^2/NDF: 875.6/46

All: 0.201+/-0.005 χ^2/NDF: 2328.7/94

- sign 0.199+/-0.007 χ^2/NDF: 1452.9/47

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 1.140+/-0.396 χ^2/NDF: 57.4/4

Left Out: 15.298+/-0.101 χ^2/NDF:19135.0/24

Right Out: 0.432+/-0.276 χ^2/NDF: 168.8/6

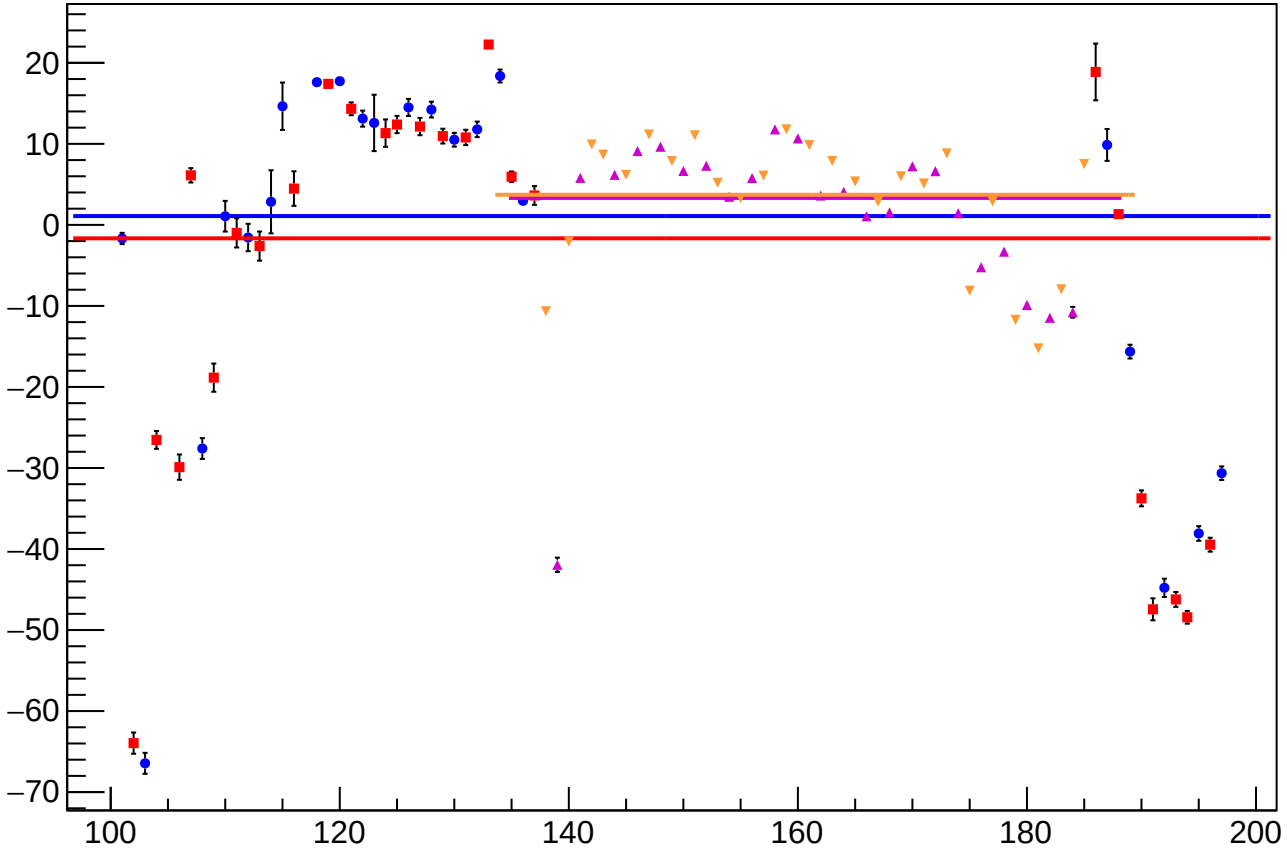
Left In: 15.268+/-0.102 χ^2/NDF:16406.3/22

+ sign 14.441+/-0.098 χ^2/NDF: 20390.4/29

All: 13.950+/-0.068 χ^2/NDF: 39561.3/59

- sign 13.478+/-0.096 χ^2/NDF: 19121.4/29

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 1.088+/-0.194 χ^2/NDF: 11789.9/21

Left Out: 3.717+/-0.079 χ^2/NDF:9201.0/24

Right Out: -1.659+/-0.180 χ^2/NDF: 18669.3/24

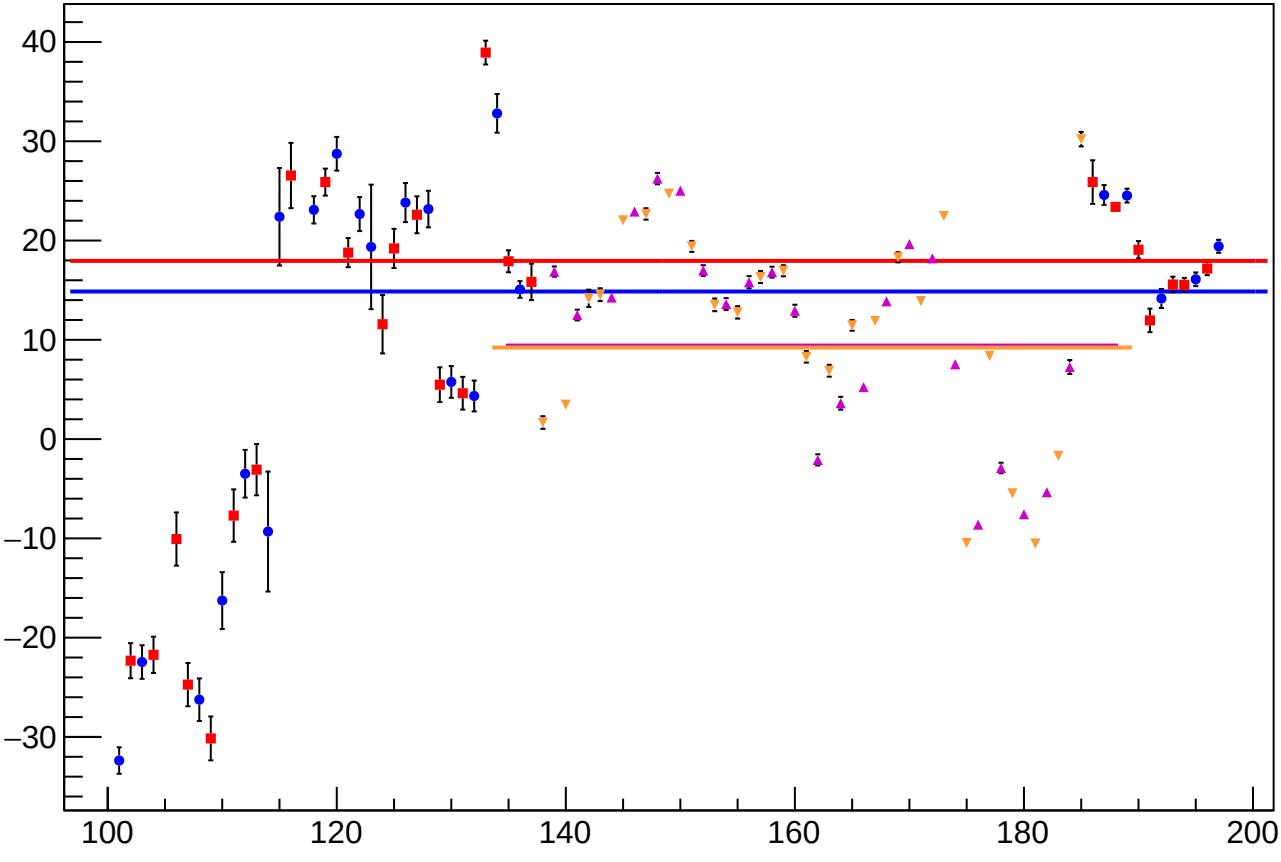
Left In: 3.327+/-0.081 χ^2/NDF:8830.5/22

+ sign 3.342+/-0.073 χ^2/NDF: 21149.0/46

All: 2.920+/-0.052 χ^2/NDF: 49352.8/94

- sign 2.489+/-0.074 χ^2/NDF: 28136.4/47

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 14.866+/-0.264 χ^2/NDF: 2968.2/21

Left Out: 9.220+/-0.101 χ^2/NDF:13617.0/24

Right Out: 17.951+/-0.204 χ^2/NDF: 2954.1/24

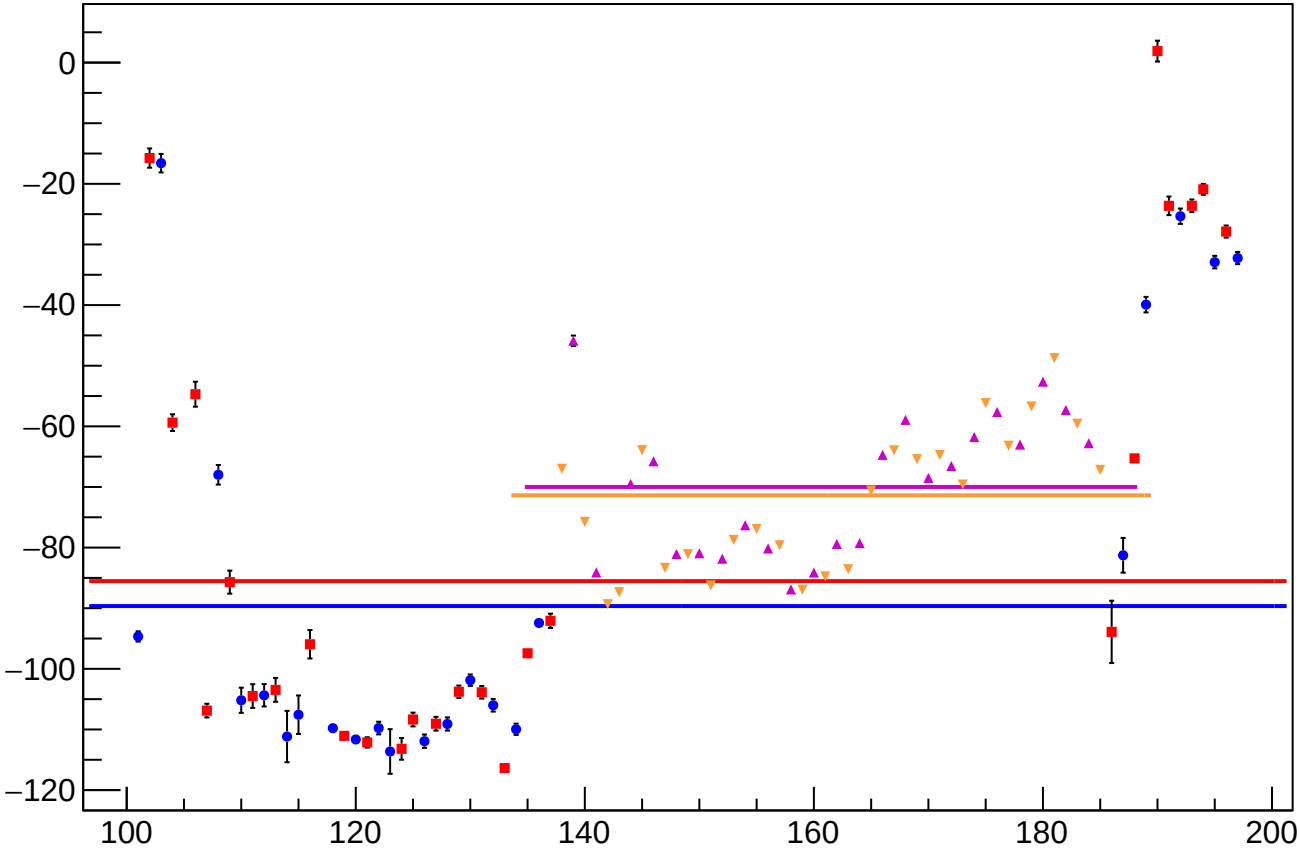
Left In: 9.420+/-0.102 χ^2/NDF:12078.1/22

+ sign 9.943+/-0.094 χ^2/NDF: 16984.4/46

All: 10.551+/-0.066 χ^2/NDF: 33490.6/94

- sign 11.120+/-0.091 χ^2/NDF: 16425.9/47

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -89.648+/-0.226 χ^2/NDF: 16847.2/21

Left Out: -71.379+/-0.089 χ^2/NDF:16226.2/24

Right Out: -85.532+/-0.214 χ^2/NDF: 27361.8/24

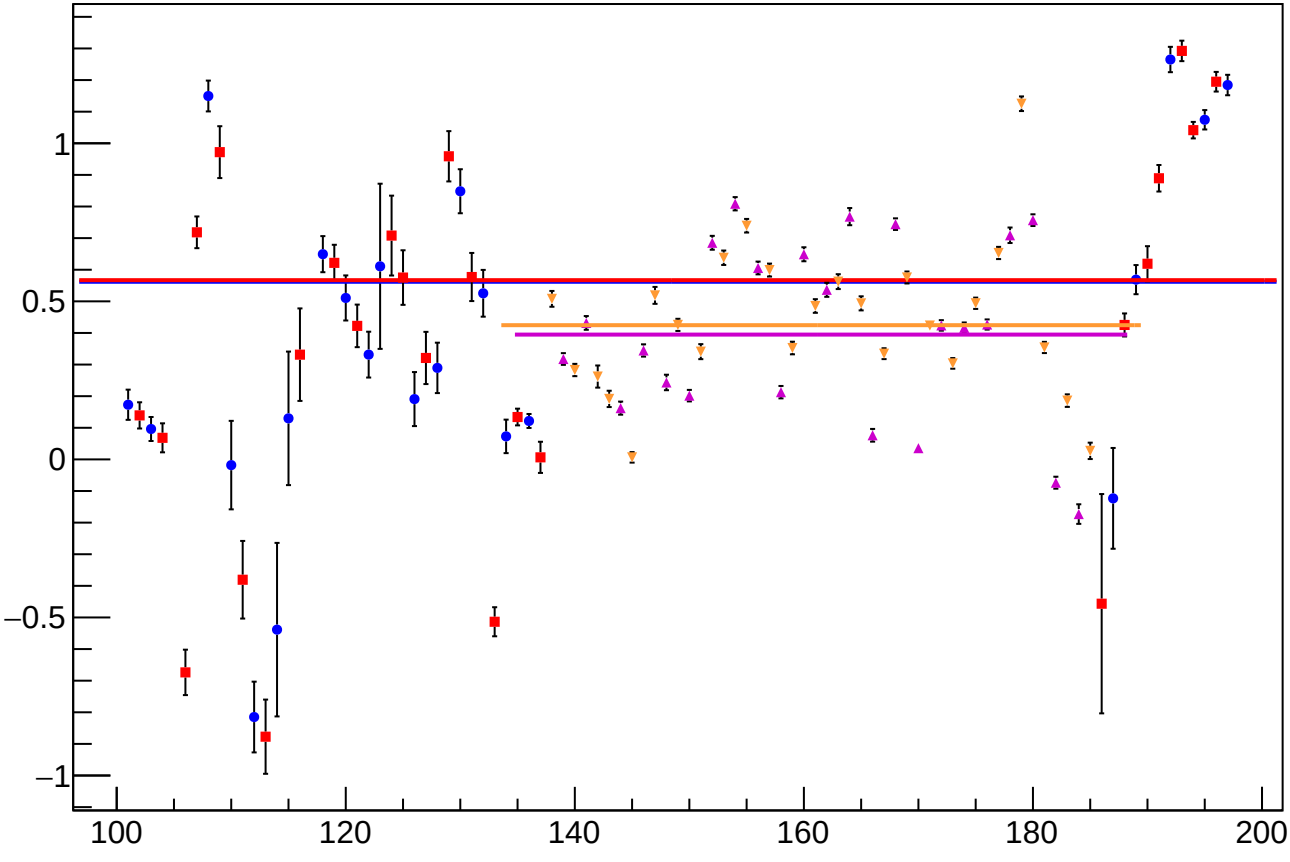
Left In: -69.999+/-0.091 χ^2/NDF:13188.0/22

+ sign -73.849+/-0.083 χ^2/NDF: 38709.3/46

All: -73.132+/-0.059 χ^2/NDF: 83874.4/94

- sign -72.401+/-0.084 χ^2/NDF: 45015.2/47

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.562+/-0.011 χ^2/NDF: 2069.6/21

Left Out: 0.425+/-0.004 χ^2/NDF:2866.9/24

Right Out: 0.567+/-0.010 χ^2/NDF: 3082.8/24

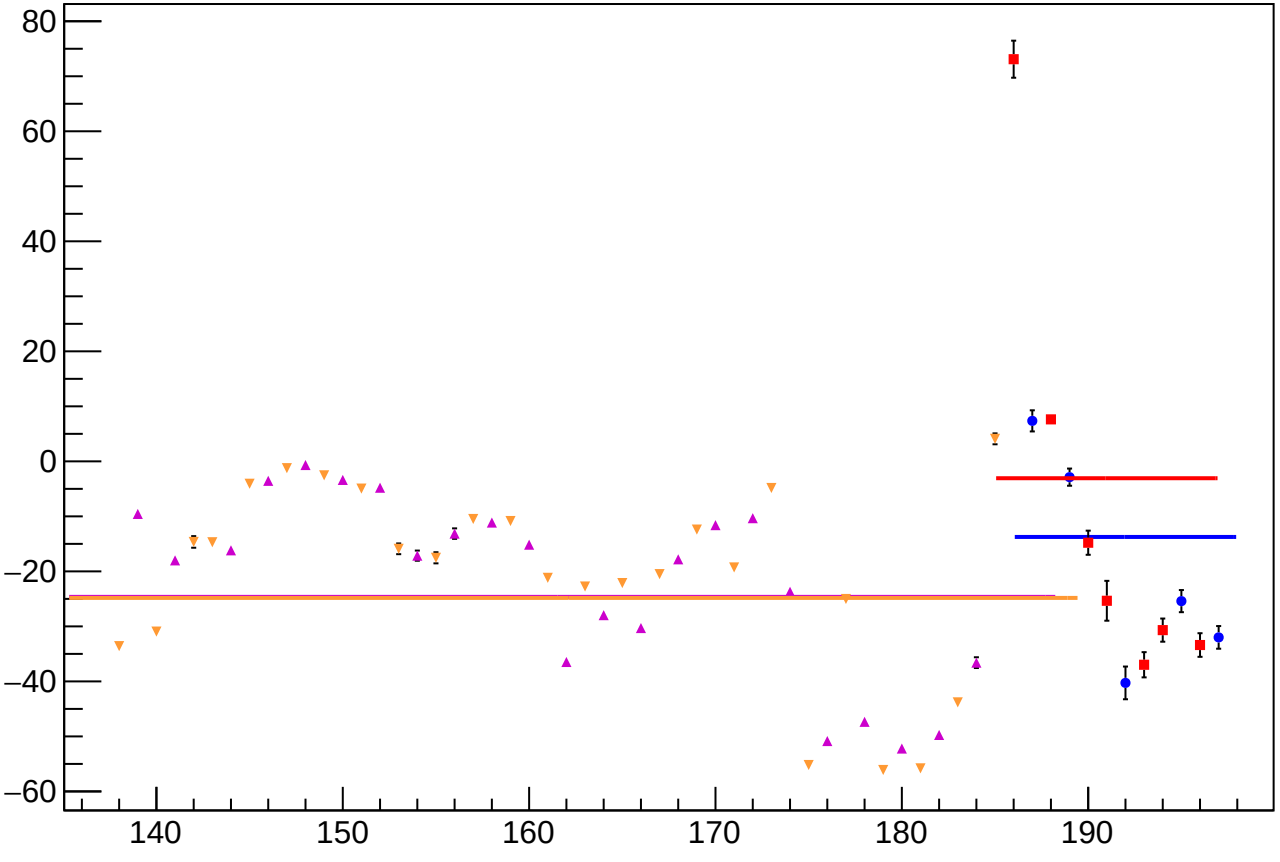
Left In: 0.395+/-0.004 χ^2/NDF:4063.1/22

+ sign 0.442+/-0.004 χ^2/NDF: 5079.2/46

All: 0.432+/-0.003 χ^2/NDF: 12506.0/94

- sign 0.421+/-0.004 χ^2/NDF: 7412.0/47

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -13.742+/-0.885 χ^2/NDF: 360.9/4

Left Out: -24.824+/-0.140 χ^2/NDF:18274.6/24

Right Out: -3.068+/-0.624 χ^2/NDF: 1346.7/6

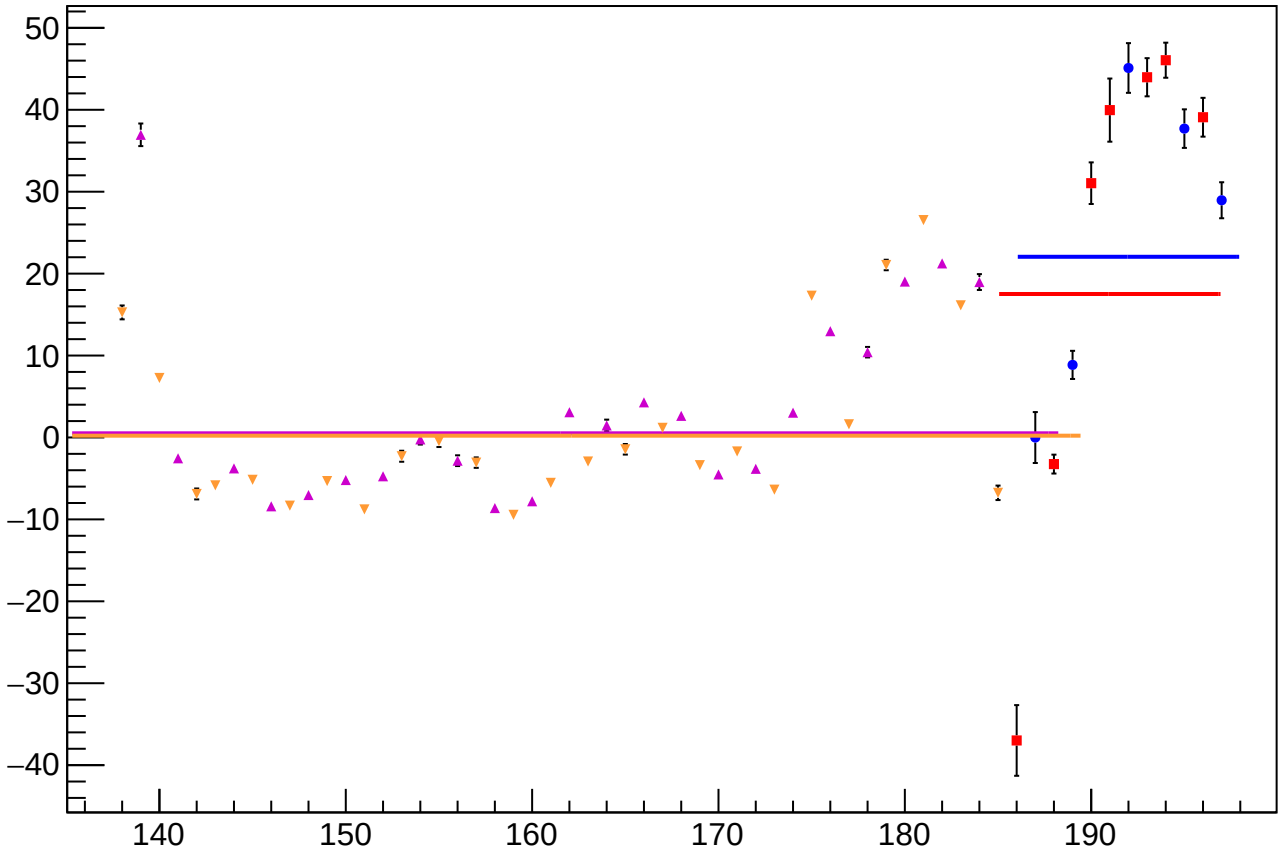
Left In: -24.635+/-0.142 χ^2/NDF:14947.9/22

+ sign -24.554+/-0.138 χ^2/NDF: 18788.6/29

All: -24.066+/-0.098 χ^2/NDF: 36242.7/59

- sign -23.574+/-0.138 χ^2/NDF: 17428.9/29

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 22.056+/-1.032 χ^2/NDF: 221.2/4

Left Out: 0.218+/-0.109 χ^2/NDF:8252.6/24

Right Out: 17.513+/-0.788 χ^2/NDF: 936.2/6

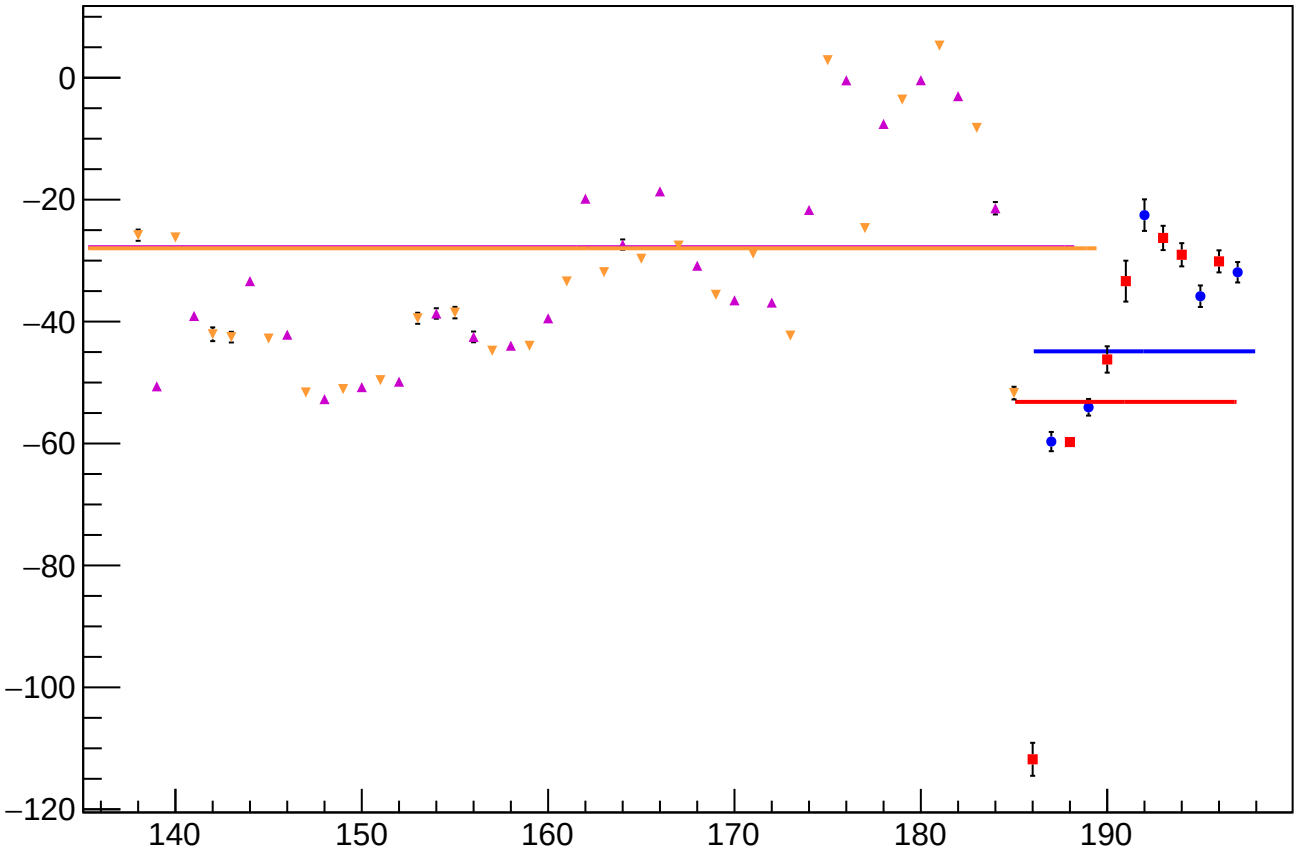
Left In: 0.507+/-0.112 χ^2/NDF:6626.9/22

+ sign 0.458+/-0.108 χ^2/NDF: 8916.6/29

All: 0.646+/-0.077 χ^2/NDF: 16942.2/59

- sign 0.842+/-0.111 χ^2/NDF: 8019.4/29

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -44.882+/-0.753 χ^2/NDF: 293.9/4

Left Out: -27.977+/-0.140 χ^2/NDF:17079.0/24

Right Out: -53.172+/-0.523 χ^2/NDF: 1123.4/6

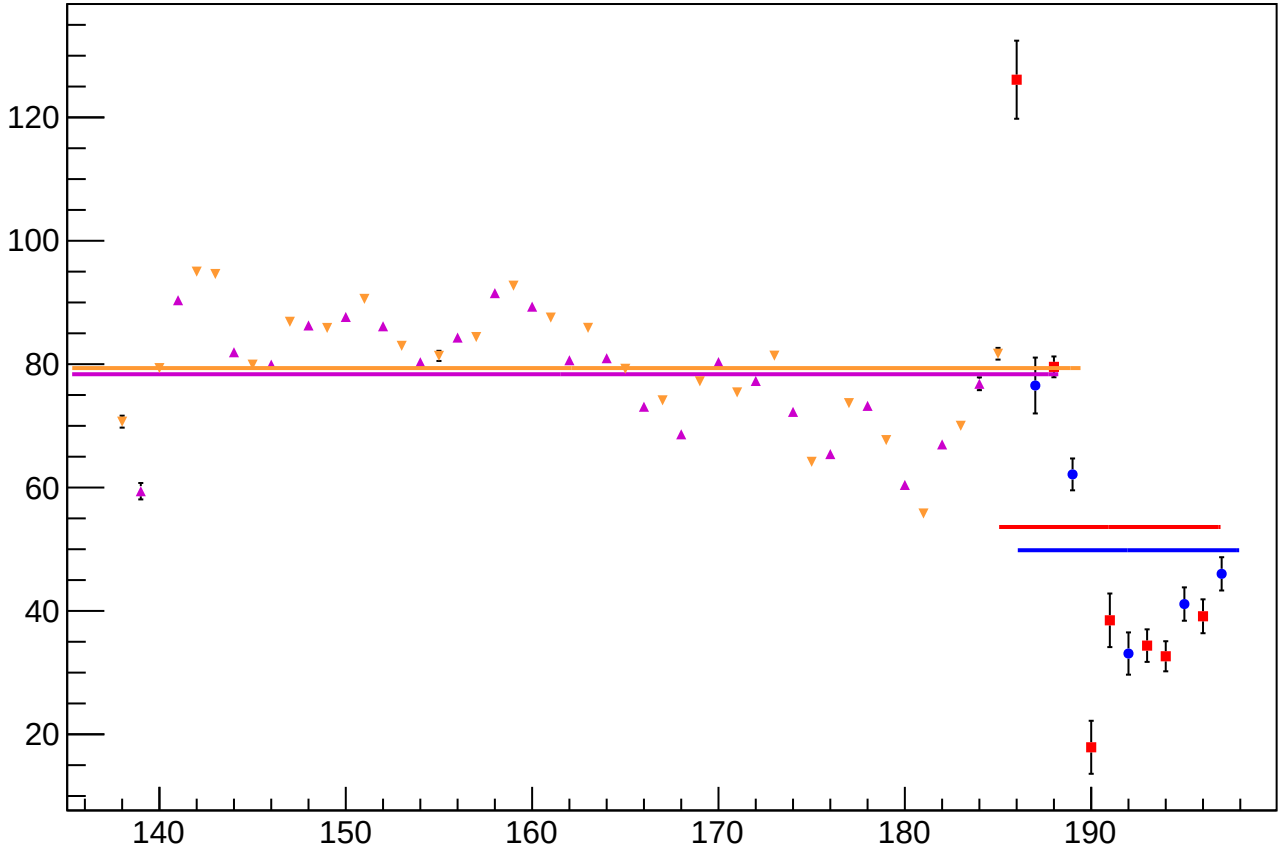
Left In: -27.796+/-0.142 χ^2/NDF:15193.3/22

+ sign -28.543+/-0.138 χ^2/NDF: 17860.4/29

All: -29.042+/-0.097 χ^2/NDF: 36397.4/59

- sign -29.534+/-0.137 χ^2/NDF: 18511.0/29

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 49.838+/-1.338 χ^2/NDF: 93.8/4

Left Out: 79.364+/-0.123 χ^2/NDF:5966.3/24

Right Out: 53.605+/-1.038 χ^2/NDF: 604.1/6

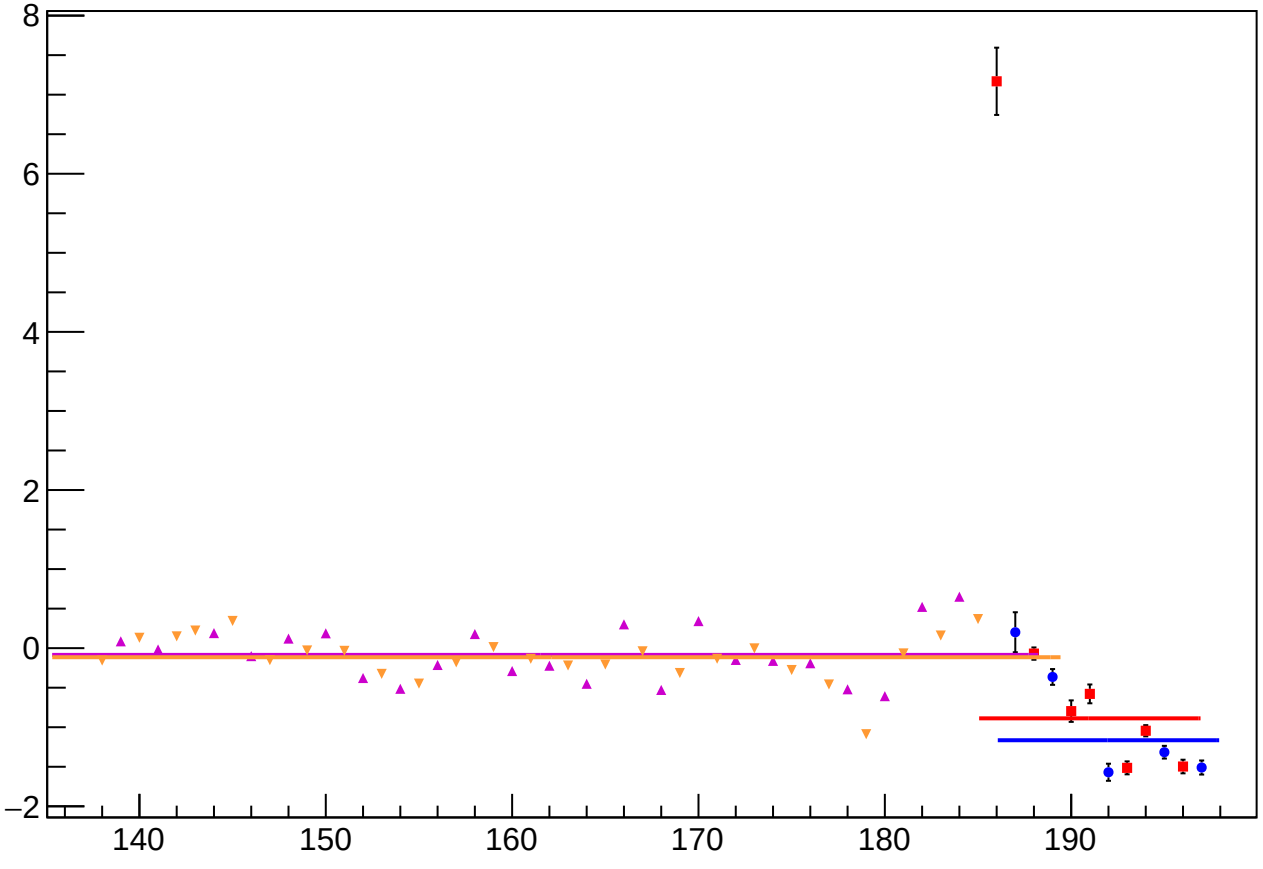
Left In: 78.367+/-0.126 χ^2/NDF:4735.5/22

+ sign 79.114+/-0.123 χ^2/NDF: 6542.6/29

All: 78.571+/-0.088 χ^2/NDF: 12482.9/59

- sign 78.006+/-0.125 χ^2/NDF: 5900.3/29

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -1.165+/-0.046 χ^2/NDF: 126.0/4

Left Out: -0.115+/-0.006 χ^2/NDF:2288.7/24

Right Out: -0.888+/-0.036 χ^2/NDF: 589.8/6

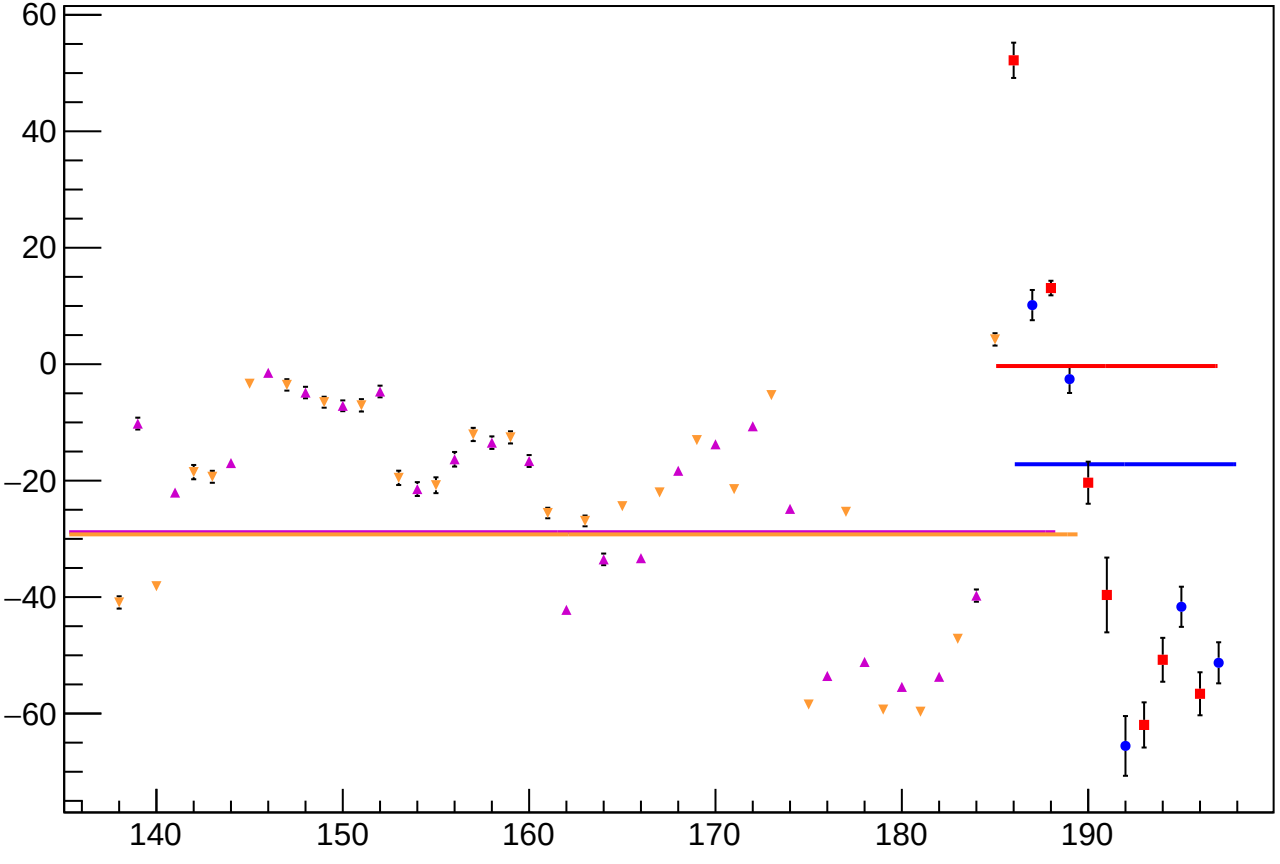
Left In: -0.085+/-0.006 χ^2/NDF:3148.4/22

+ sign -0.131+/-0.006 χ^2/NDF: 2938.0/29

All: -0.118+/-0.004 χ^2/NDF: 7175.1/59

- sign -0.105+/-0.006 χ^2/NDF: 4226.9/29

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -17.184+/-1.377 χ^2/NDF: 381.3/4

Left Out: -29.227+/-0.157 χ^2/NDF:16880.0/24

Right Out: -0.315+/-0.972 χ^2/NDF: 1146.7/6

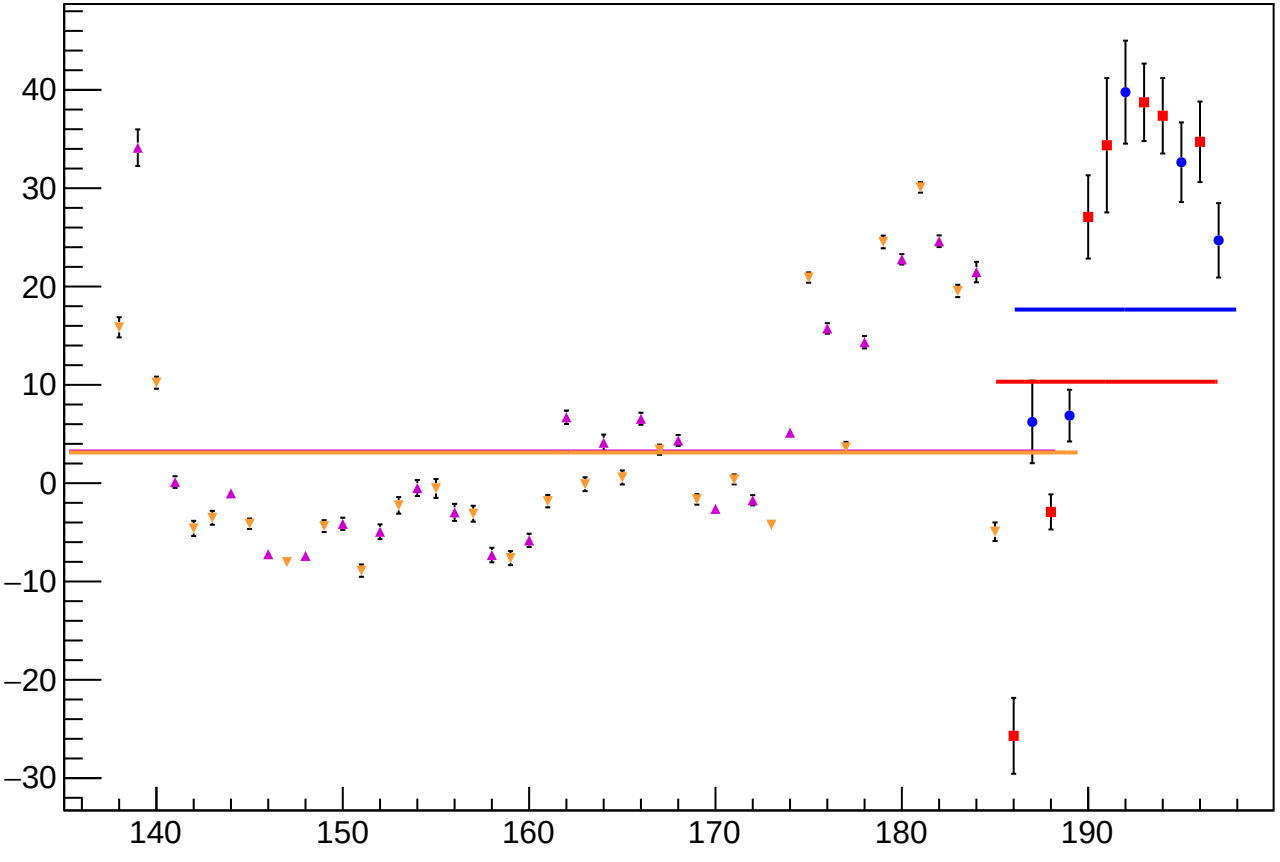
Left In: -28.857+/-0.159 χ^2/NDF:13553.6/22

+ sign -29.073+/-0.156 χ^2/NDF: 17336.8/29

All: -28.596+/-0.111 χ^2/NDF: 32895.0/59

- sign -28.113+/-0.157 χ^2/NDF: 15539.5/29

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 17.657+/-1.647 χ^2/NDF: 59.2/4

Left Out: 3.126+/-0.125 χ^2/NDF:8049.0/24

Right Out: 10.319+/-1.240 χ^2/NDF: 307.3/6

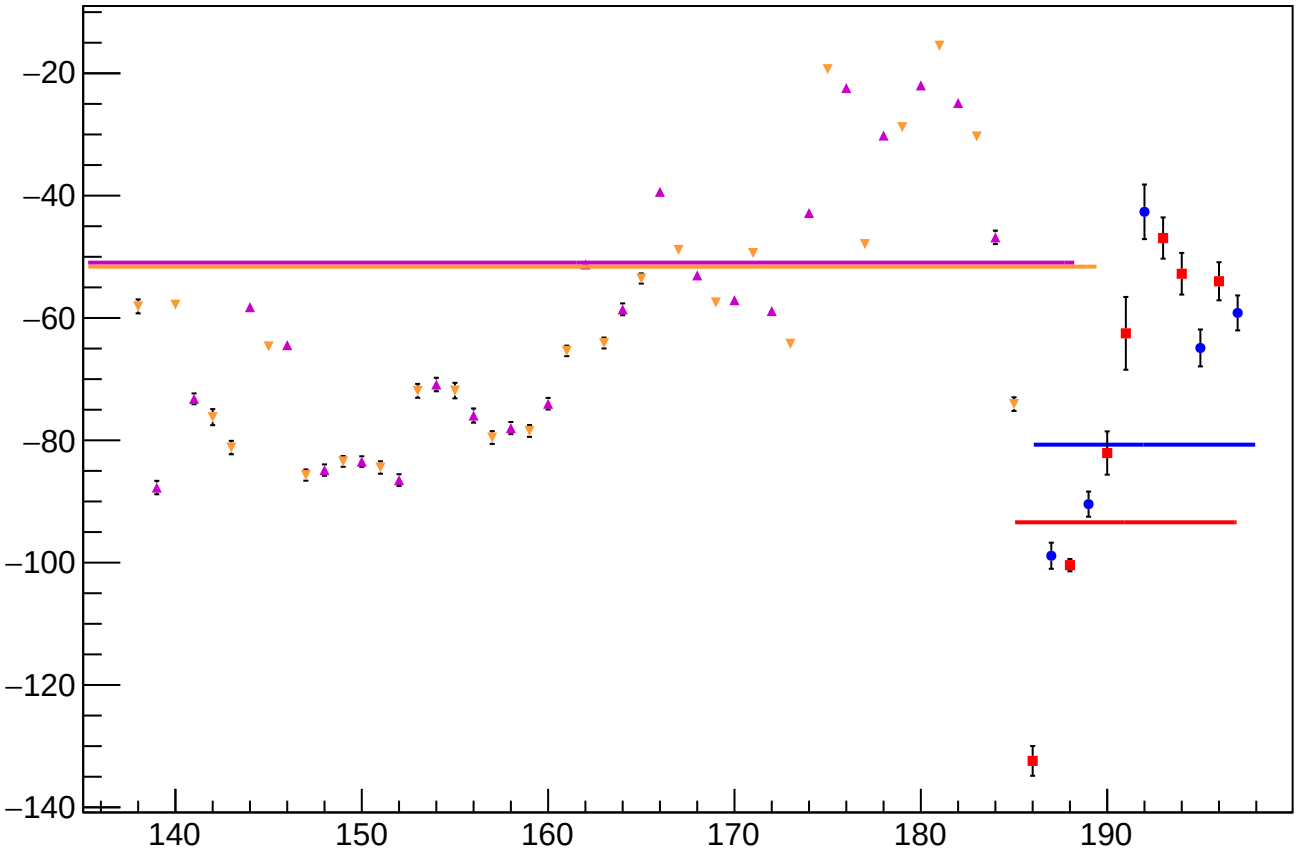
Left In: 3.224+/-0.127 χ^2/NDF:6274.0/22

+ sign 3.208+/-0.124 χ^2/NDF: 8185.6/29

All: 3.252+/-0.088 χ^2/NDF: 14799.6/59

- sign 3.297+/-0.126 χ^2/NDF: 6613.7/29

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -80.713+/-1.164 χ^2/NDF: 251.7/4

Left Out: -51.610+/-0.158 χ^2/NDF:19384.9/24

Right Out: -93.406+/-0.808 χ^2/NDF: 834.4/6

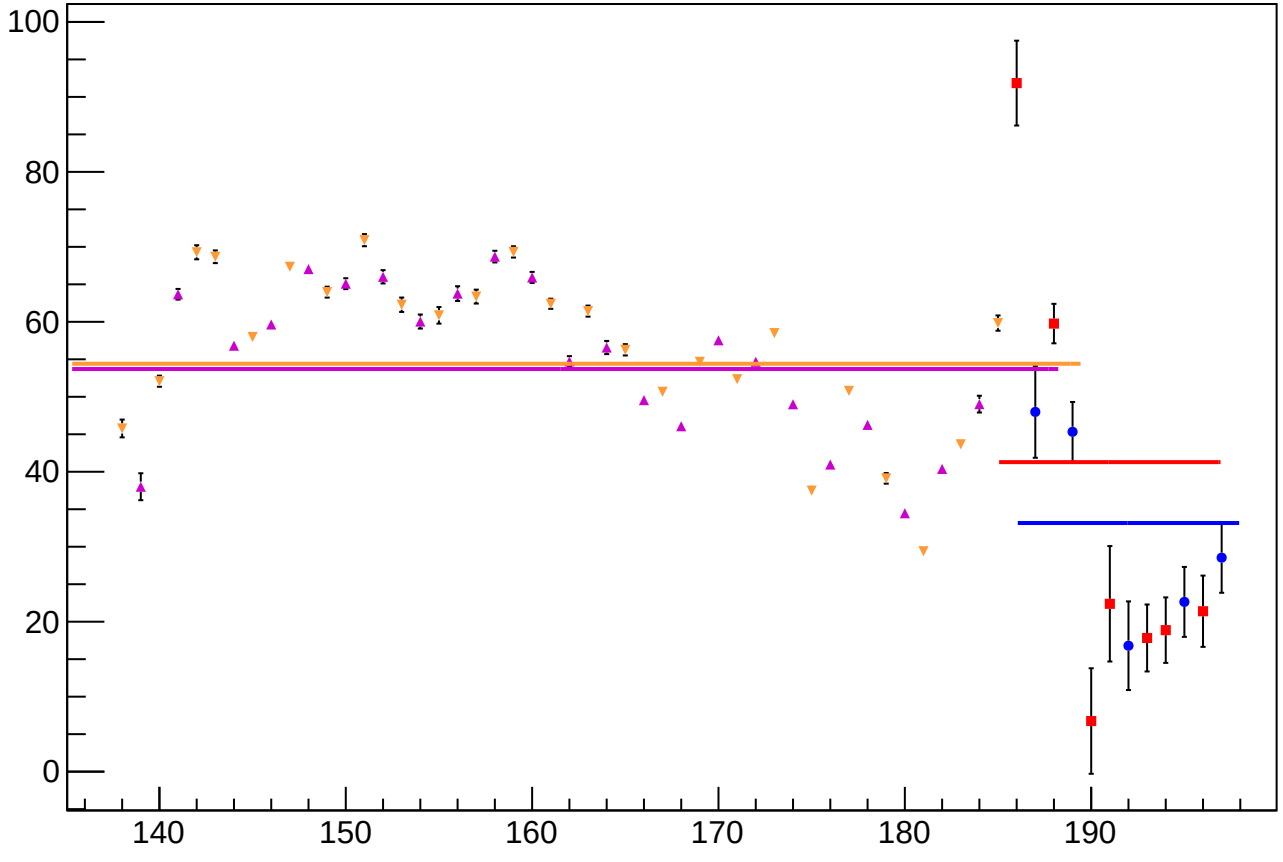
Left In: -50.954+/-0.159 χ^2/NDF:17472.2/22

+ sign -52.137+/-0.157 χ^2/NDF: 20250.2/29

All: -52.342+/-0.111 χ^2/NDF: 41219.2/59

- sign -52.546+/-0.156 χ^2/NDF: 20965.5/29

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 33.164+/-2.182 χ^2/NDF: 28.9/4

Left Out: 54.407+/-0.141 χ^2/NDF:6200.4/24

Right Out: 41.285+/-1.668 χ^2/NDF: 230.6/6

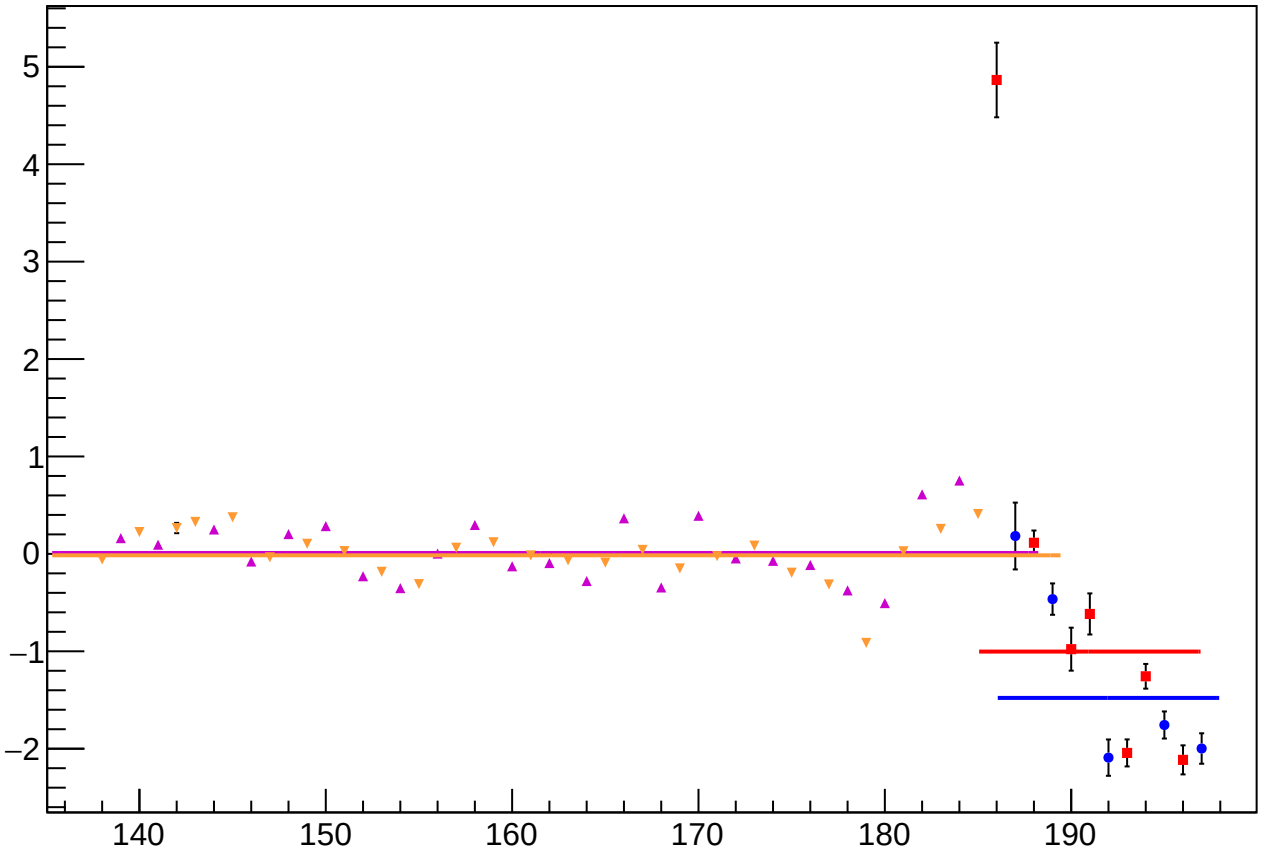
Left In: 53.704+/-0.143 χ^2/NDF:4603.5/22

+ sign 54.319+/-0.140 χ^2/NDF: 6323.7/29

All: 53.971+/-0.100 χ^2/NDF: 11225.4/59

- sign 53.613+/-0.142 χ^2/NDF: 4889.2/29

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -1.478+/-0.077 χ^2/NDF: 89.0/4

Left Out: -0.015+/-0.006 χ^2/NDF:1645.9/24

Right Out: -1.003+/-0.061 χ^2/NDF: 432.7/6

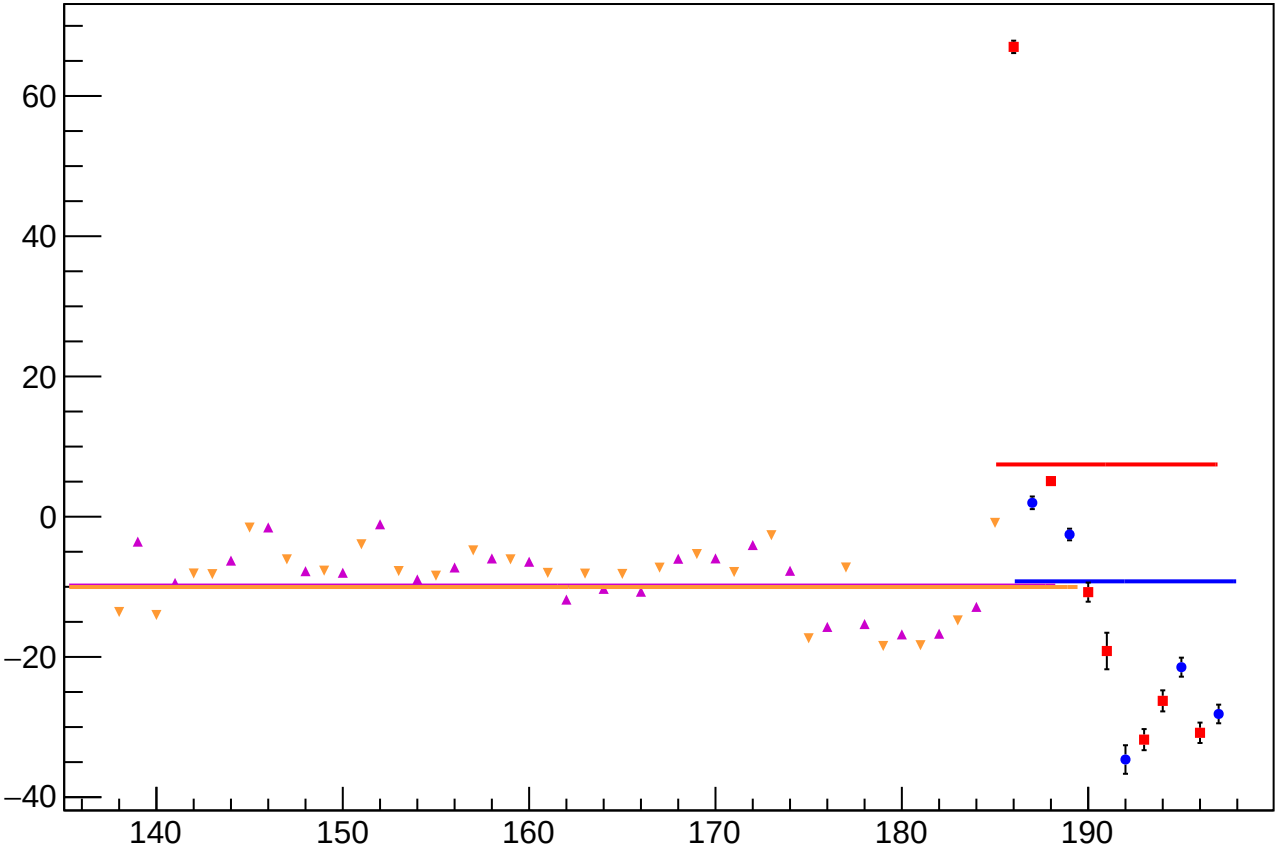
Left In: 0.009+/-0.007 χ^2/NDF:2228.9/22

+ sign -0.025+/-0.006 χ^2/NDF: 2093.2/29

All: -0.014+/-0.005 χ^2/NDF: 5036.5/59

- sign -0.002+/-0.006 χ^2/NDF: 2937.1/29

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -9.219+/-0.498 χ^2/NDF: 658.8/4

Left Out: -10.030+/-0.051 χ^2/NDF:12530.2/24

Right Out: 7.451+/-0.346 χ^2/NDF: 6718.0/6

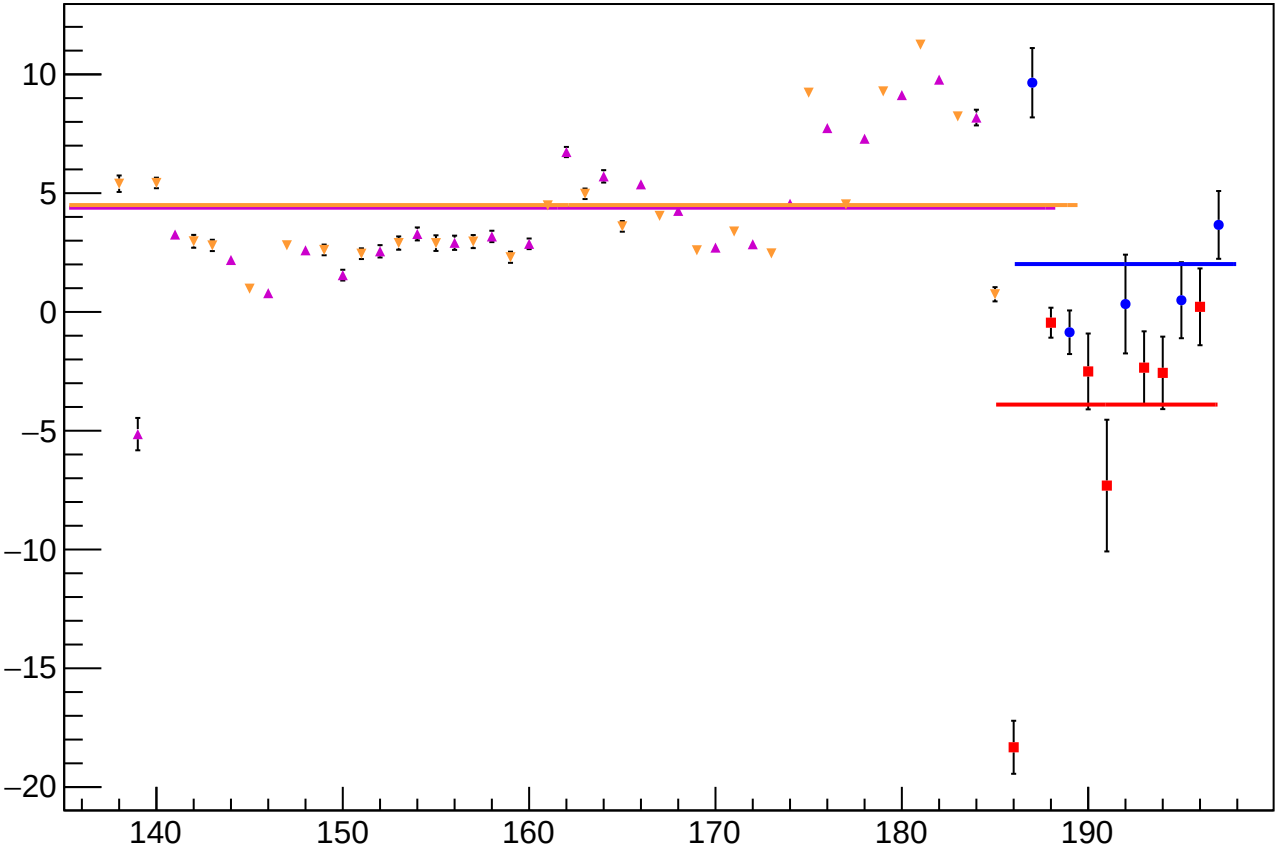
Left In: -9.820+/-0.051 χ^2/NDF:9468.8/22

+ sign -10.021+/-0.050 χ^2/NDF: 13191.6/29

All: -9.737+/-0.036 χ^2/NDF: 31881.8/59

- sign -9.450+/-0.051 χ^2/NDF: 18626.4/29

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 2.016+/-0.601 χ^2/NDF: 40.0/4

Left Out: 4.499+/-0.041 χ^2/NDF:4809.3/24

Right Out: -3.899+/-0.444 χ^2/NDF: 207.5/6

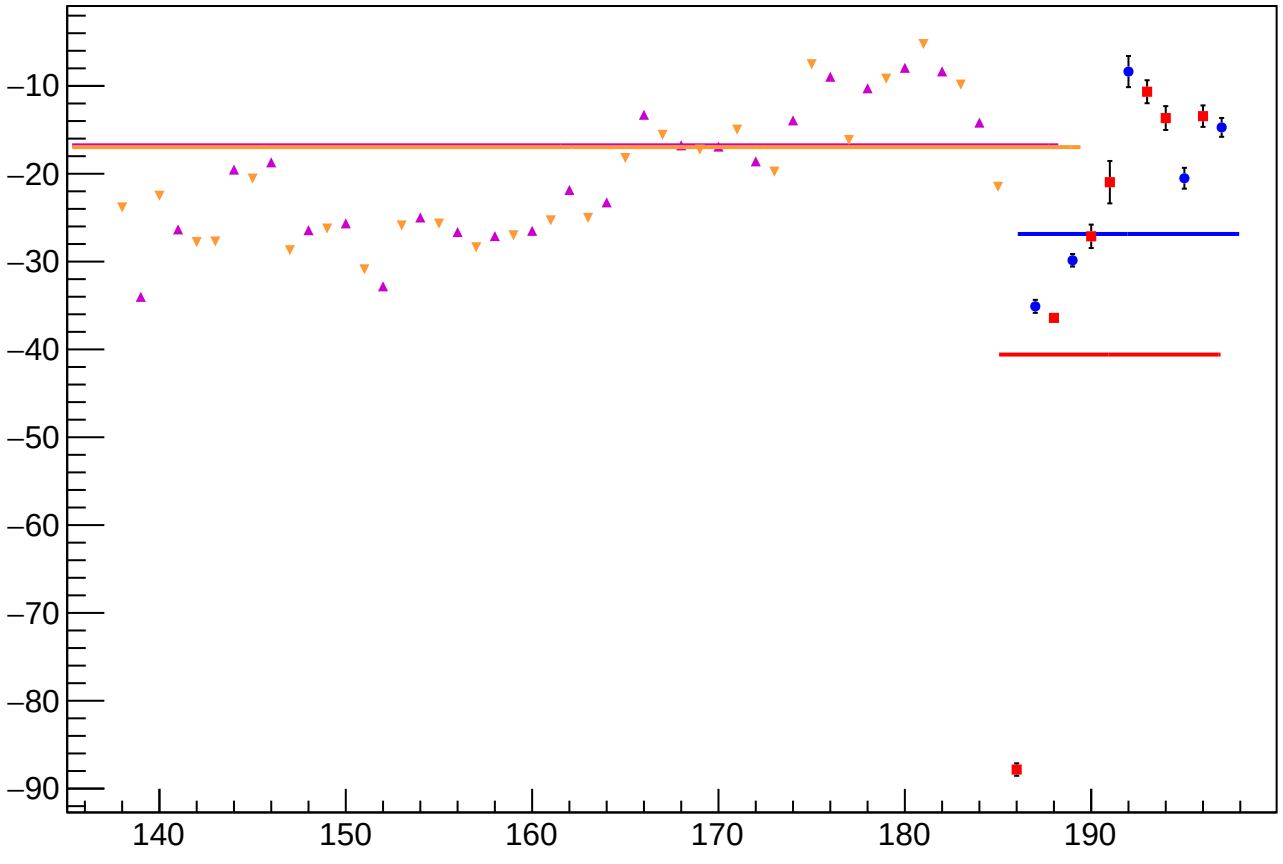
Left In: 4.388+/-0.041 χ^2/NDF:4266.4/22

+ sign 4.487+/-0.041 χ^2/NDF: 4866.3/29

All: 4.403+/-0.029 χ^2/NDF: 9694.7/59

- sign 4.317+/-0.041 χ^2/NDF: 4819.7/29

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -26.855+/-0.419 χ^2/NDF: 406.6/4

Left Out: -16.965+/-0.051 χ^2/NDF:21902.1/24

Right Out: -40.584+/-0.286 χ^2/NDF: 6129.3/6

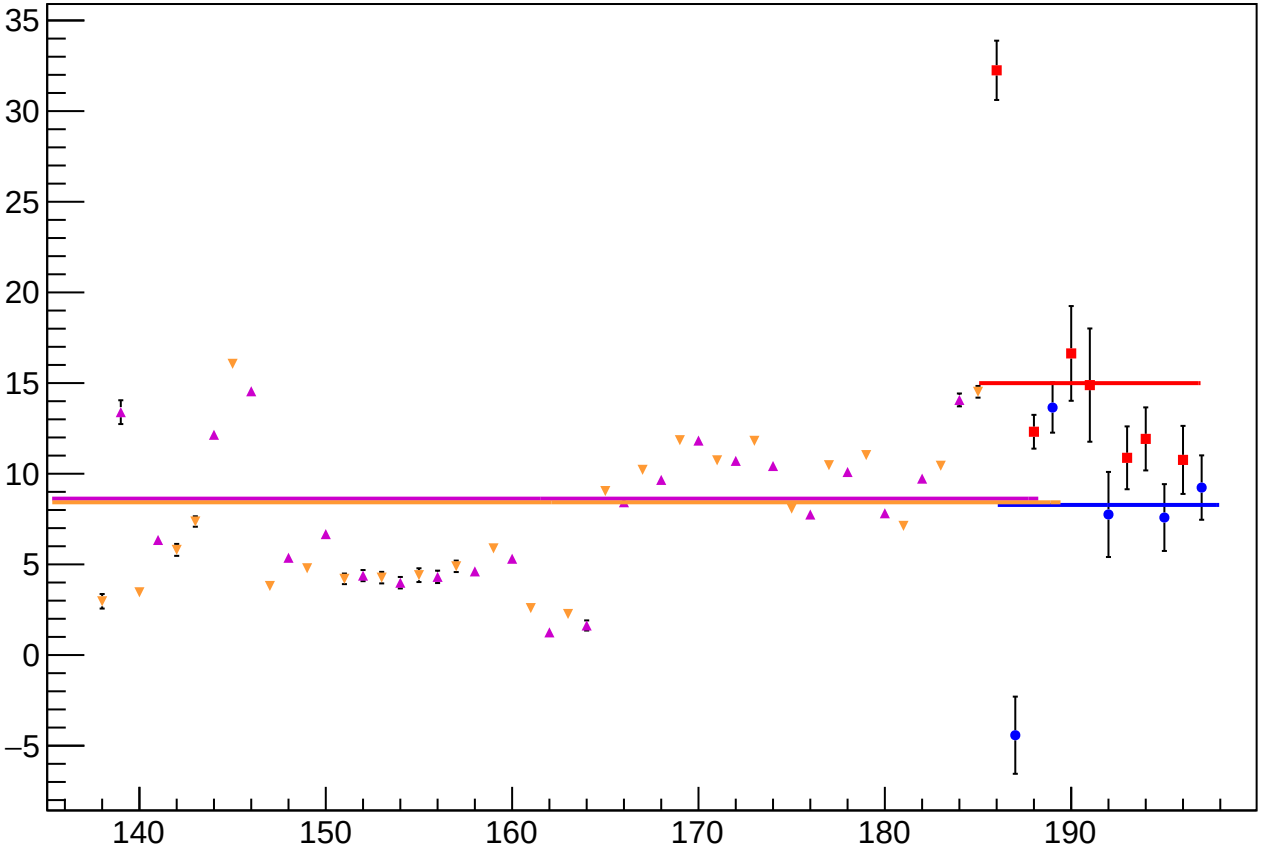
Left In: -16.764+/-0.051 χ^2/NDF:19037.7/22

+ sign -17.110+/-0.051 χ^2/NDF: 22857.8/29

All: -17.310+/-0.036 χ^2/NDF: 54786.6/59

- sign -17.509+/-0.051 χ^2/NDF: 31897.9/29

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 8.279+/-0.807 χ^2/NDF: 51.1/4

Left Out: 8.424+/-0.046 χ^2/NDF:6478.6/24

Right Out: 14.996+/-0.606 χ^2/NDF: 133.9/6

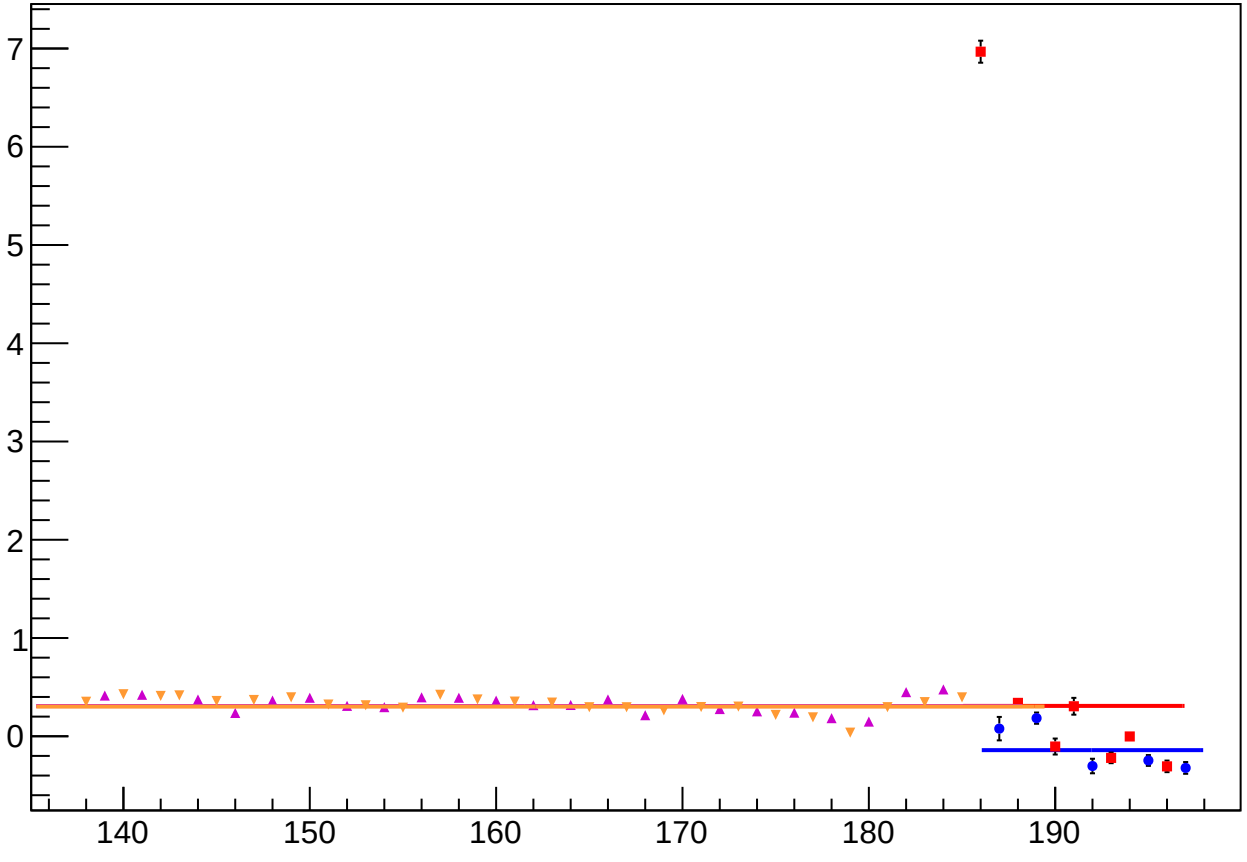
Left In: 8.626+/-0.046 χ^2/NDF:5531.9/22

+ sign 8.423+/-0.046 χ^2/NDF: 6529.8/29

All: 8.542+/-0.032 χ^2/NDF: 12319.0/59

- sign 8.663+/-0.046 χ^2/NDF: 5775.6/29

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: -0.141+/-0.029 χ^2/NDF: 53.2/4

Left Out: 0.302+/-0.002 χ^2/NDF:1589.8/24

Right Out: 0.309+/-0.023 χ^2/NDF: 3792.3/6

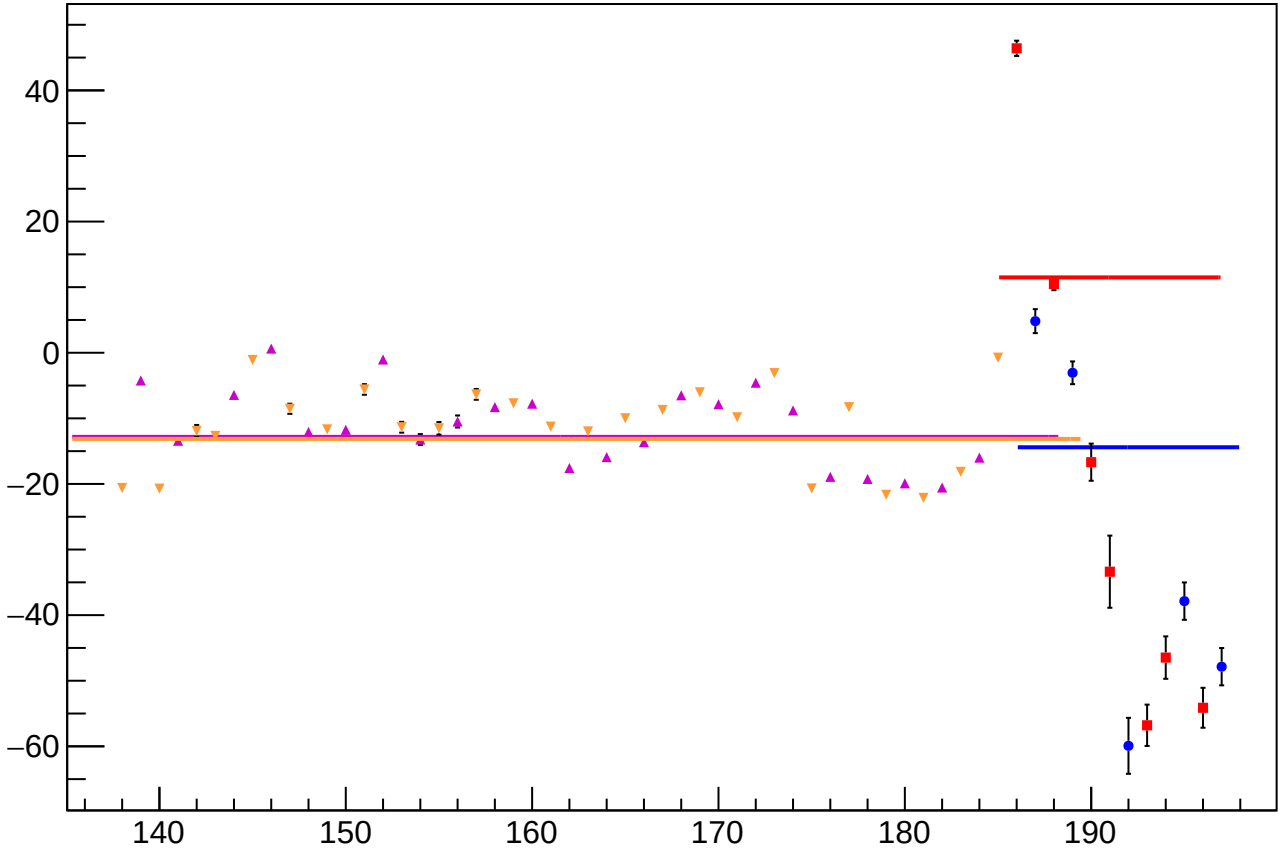
Left In: 0.307+/-0.002 χ^2/NDF:1716.8/22

+ sign 0.300+/-0.002 χ^2/NDF: 1871.4/29

All: 0.304+/-0.001 χ^2/NDF: 7386.3/59

- sign 0.307+/-0.002 χ^2/NDF: 5509.1/29

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -14.407+/-1.035 χ^2/NDF: 473.3/4

Left Out: -13.133+/-0.094 χ^2/NDF:5974.5/24

Right Out: 11.489+/-0.653 χ^2/NDF: 2318.2/6

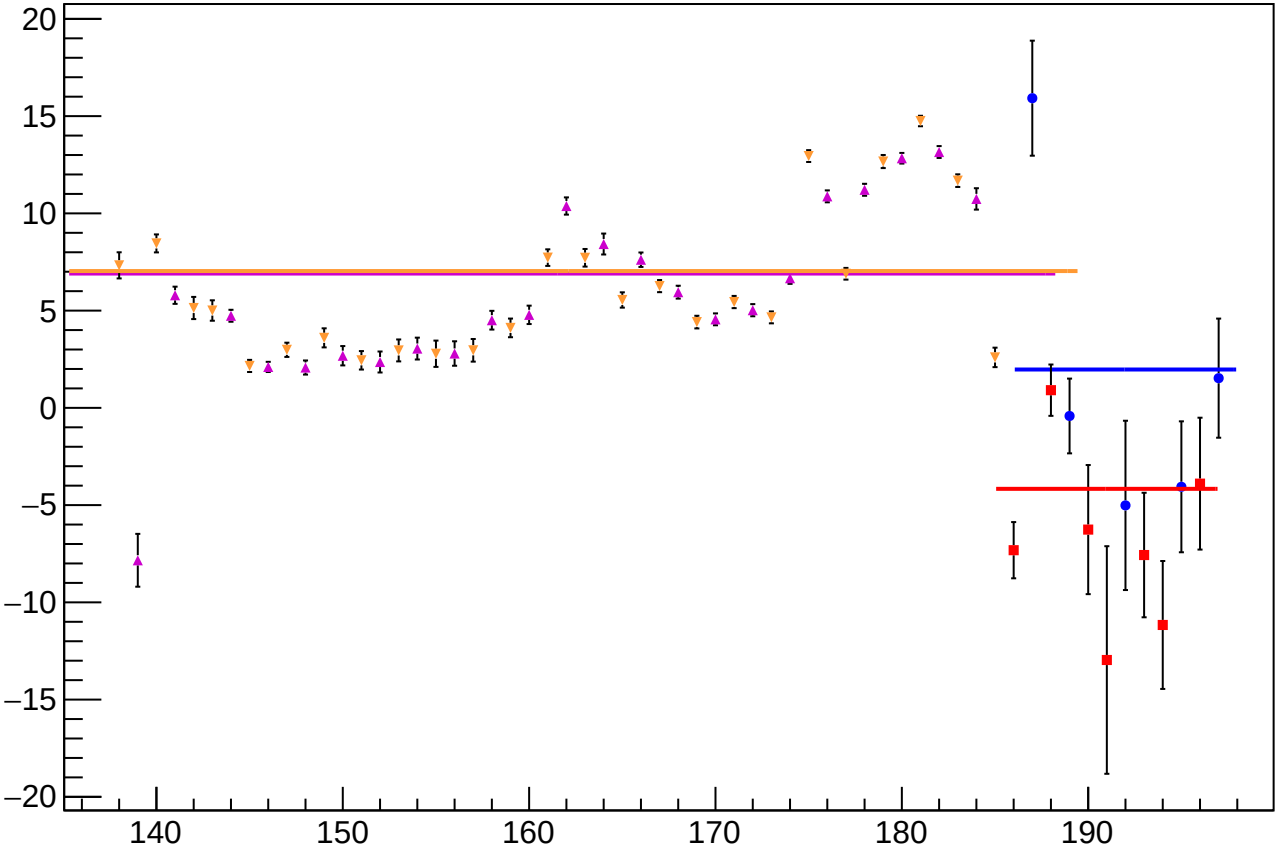
Left In: -12.823+/-0.095 χ^2/NDF:4841.5/22

+ sign -13.143+/-0.093 χ^2/NDF: 6449.3/29

All: -12.734+/-0.066 χ^2/NDF: 15006.5/59

- sign -12.322+/-0.094 χ^2/NDF: 8518.7/29

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 1.972+/-1.257 χ^2/NDF: 29.6/4

Left Out: 7.034+/-0.077 χ^2/NDF:2657.5/24

Right Out: -4.164+/-0.831 χ^2/NDF: 27.9/6

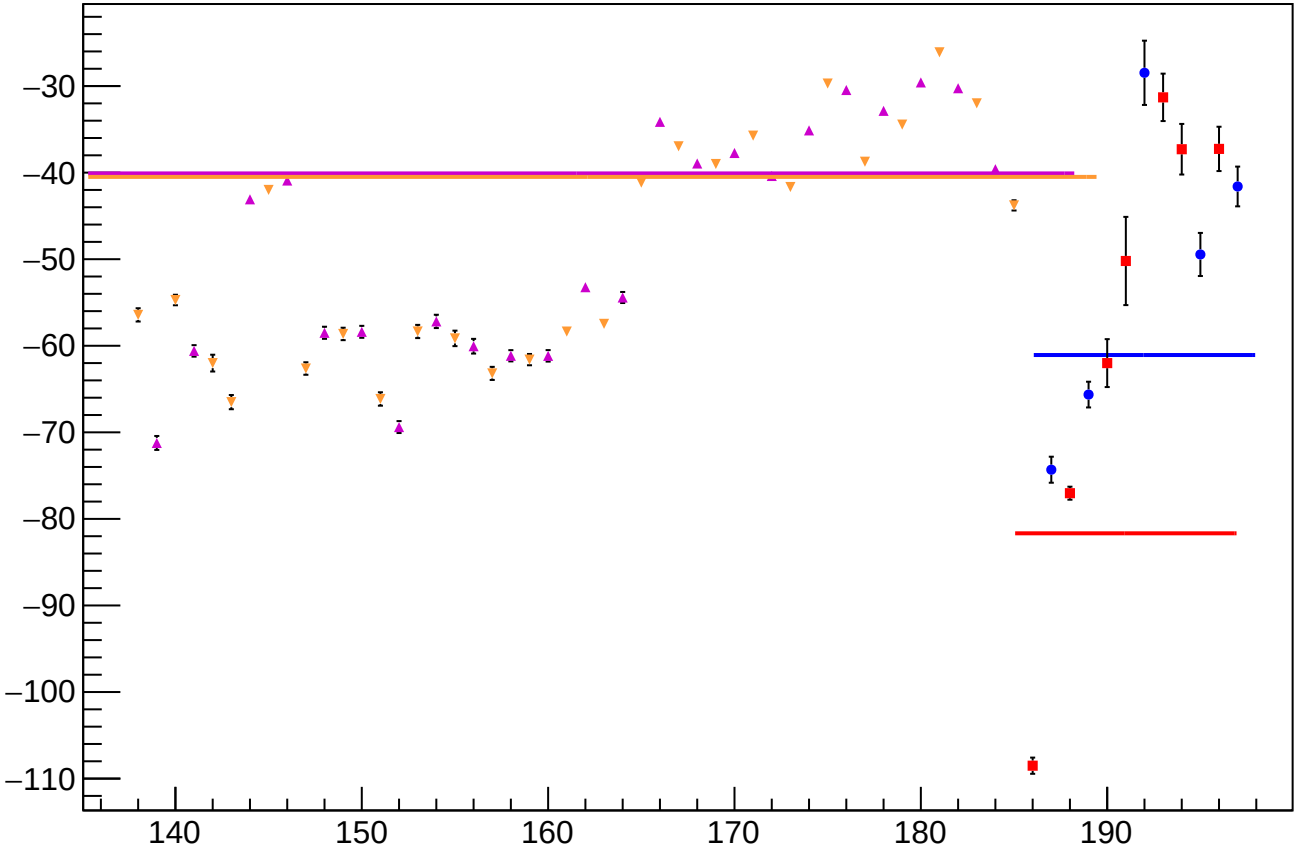
Left In: 6.906+/-0.077 χ^2/NDF:2442.8/22

+ sign 7.015+/-0.077 χ^2/NDF: 2703.3/29

All: 6.913+/-0.055 χ^2/NDF: 5353.6/59

- sign 6.811+/-0.077 χ^2/NDF: 2646.8/29

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -61.069+/-0.871 χ^2/NDF: 257.9/4

Left Out: -40.492+/-0.095 χ^2/NDF:15435.0/24

Right Out: -81.666+/-0.536 χ^2/NDF: 1819.2/6

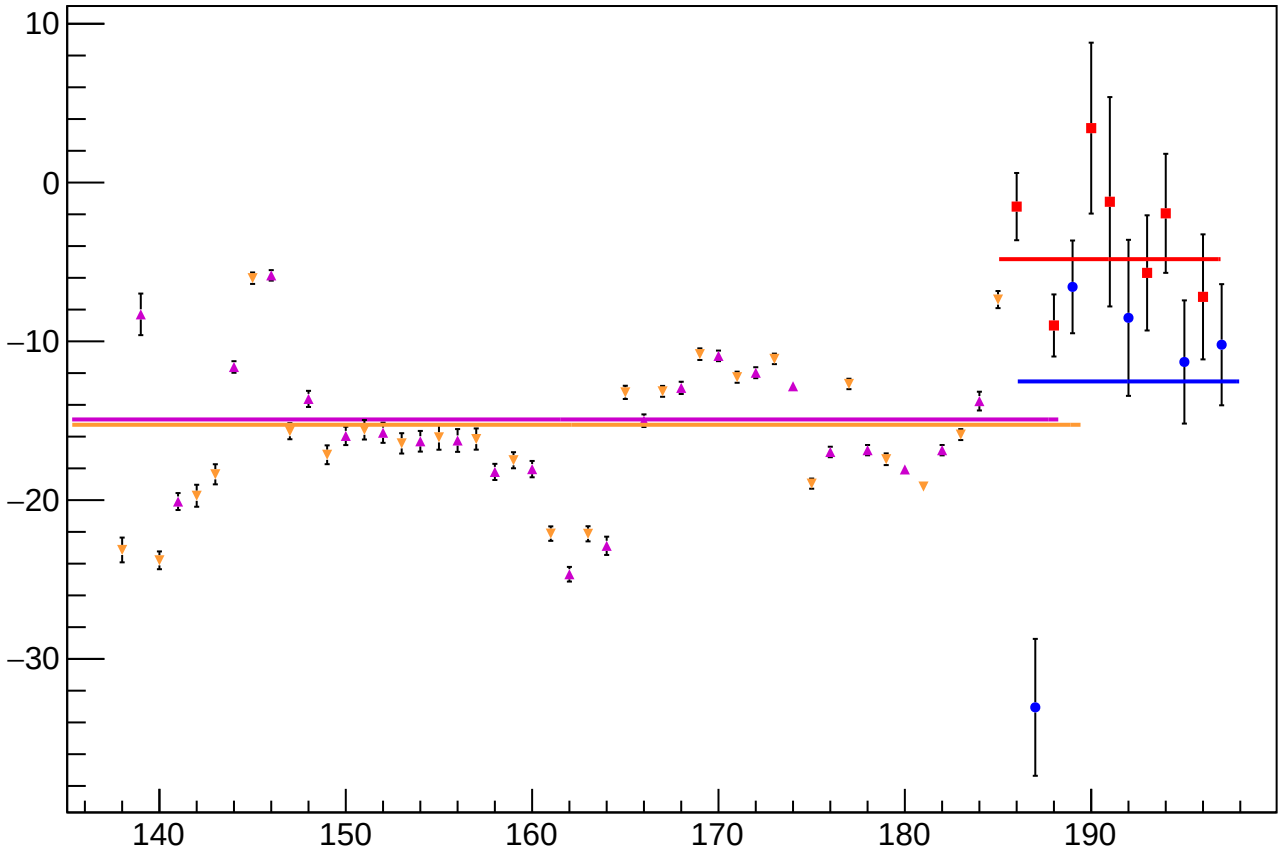
Left In: -40.091+/-0.095 χ^2/NDF:14103.5/22

+ sign -40.734+/-0.094 χ^2/NDF: 16244.7/29

All: -41.051+/-0.066 χ^2/NDF: 38028.7/59

- sign -41.365+/-0.094 χ^2/NDF: 21761.5/29

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -12.524+/-1.696 χ^2/NDF: 28.0/4

Left Out: -15.254+/-0.086 χ^2/NDF:2594.4/24

Right Out: -4.824+/-1.152 χ^2/NDF: 10.7/6

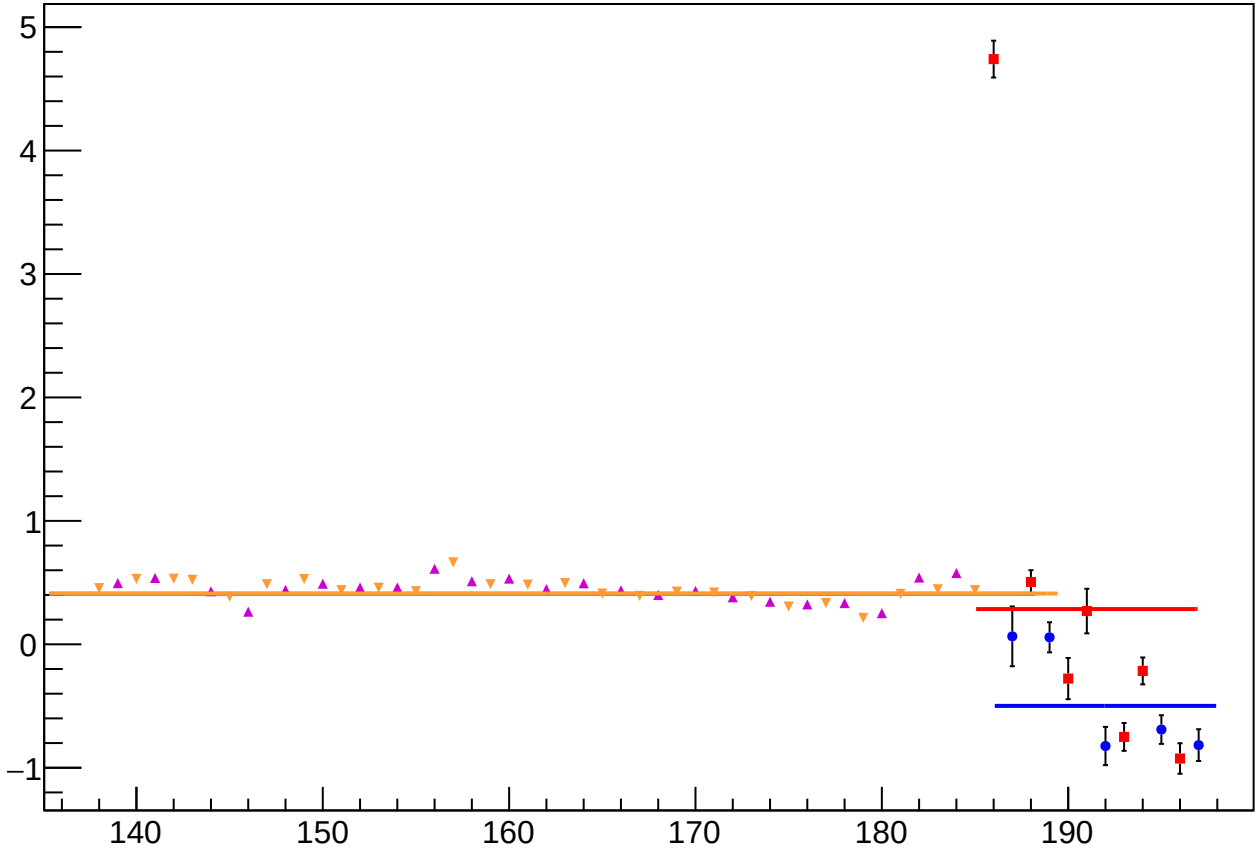
Left In: -14.919+/-0.087 χ^2/NDF:2207.7/22

+ sign -15.247+/-0.086 χ^2/NDF: 2624.9/29

All: -15.056+/-0.061 χ^2/NDF: 4929.7/59

- sign -14.862+/-0.086 χ^2/NDF: 2294.8/29

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: -0.499+/-0.062 χ^2/NDF: 39.4/4

Left Out: 0.411+/-0.004 χ^2/NDF:428.8/24

Right Out: 0.286+/-0.047 χ^2/NDF: 1107.8/6

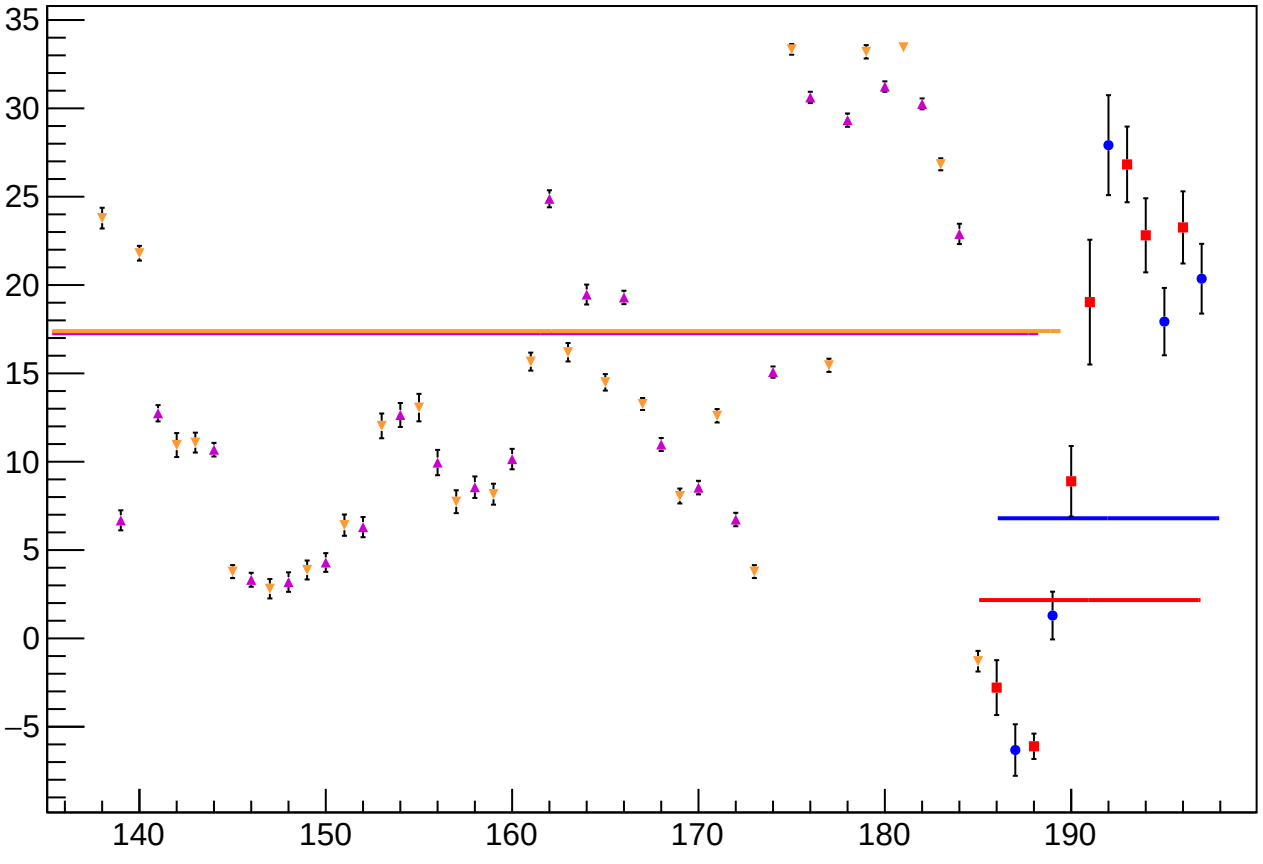
Left In: 0.409+/-0.004 χ^2/NDF:561.9/22

+ sign 0.408+/-0.004 χ^2/NDF: 683.1/29

All: 0.408+/-0.003 χ^2/NDF: 2359.7/59

- sign 0.408+/-0.004 χ^2/NDF: 1676.6/29

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 6.799+/-0.773 χ^2/NDF: 234.5/4

Left Out: 17.393+/-0.087 χ^2/NDF:16305.7/24

Right Out: 2.171+/-0.544 χ^2/NDF: 513.6/6

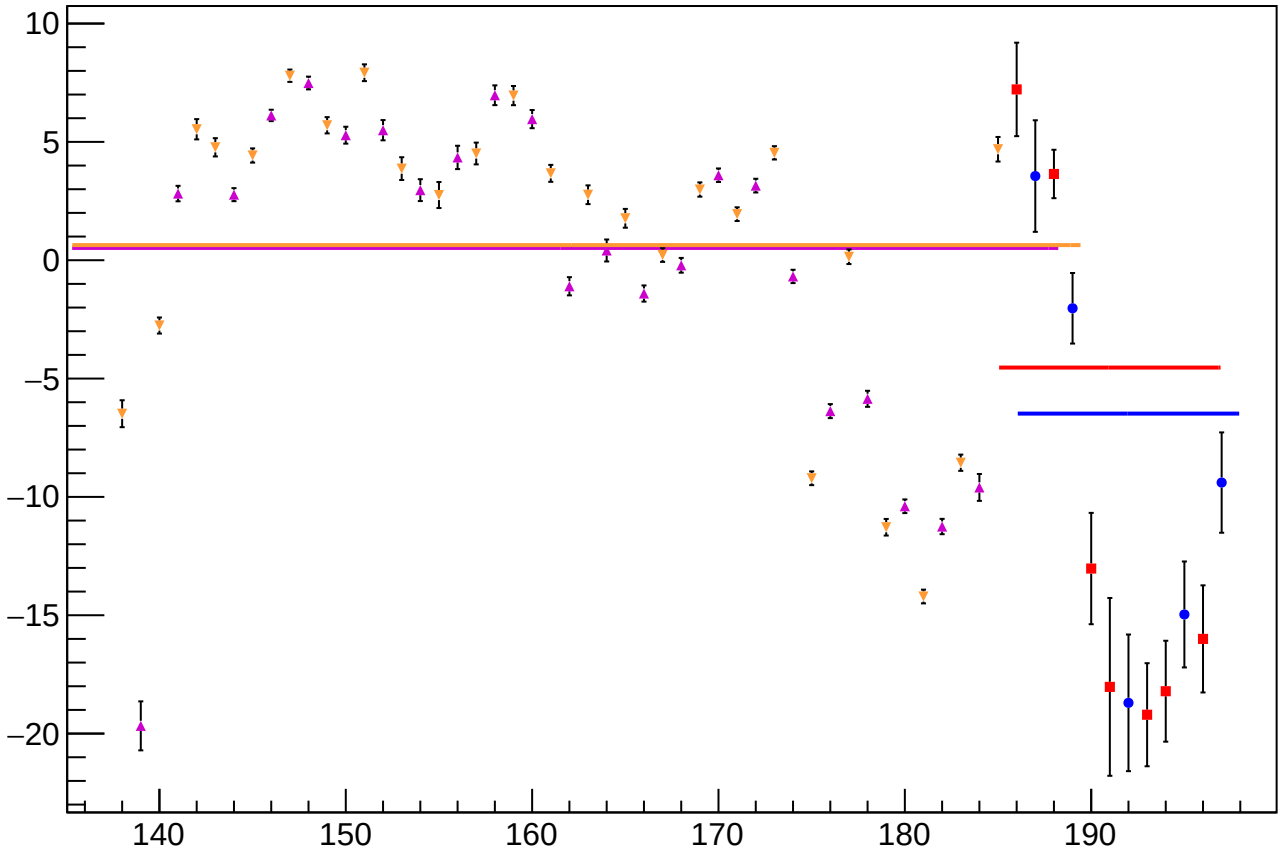
Left In: 17.271+/-0.088 χ^2/NDF:12892.2/22

+ sign 17.260+/-0.087 χ^2/NDF: 16725.8/29

All: 17.072+/-0.062 χ^2/NDF: 30891.1/59

- sign 16.882+/-0.087 χ^2/NDF: 14155.9/29

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -6.480+/-0.924 χ^2/NDF: 61.2/4

Left Out: 0.639+/-0.070 χ^2/NDF:8514.9/24

Right Out: -4.536+/-0.692 χ^2/NDF: 237.5/6

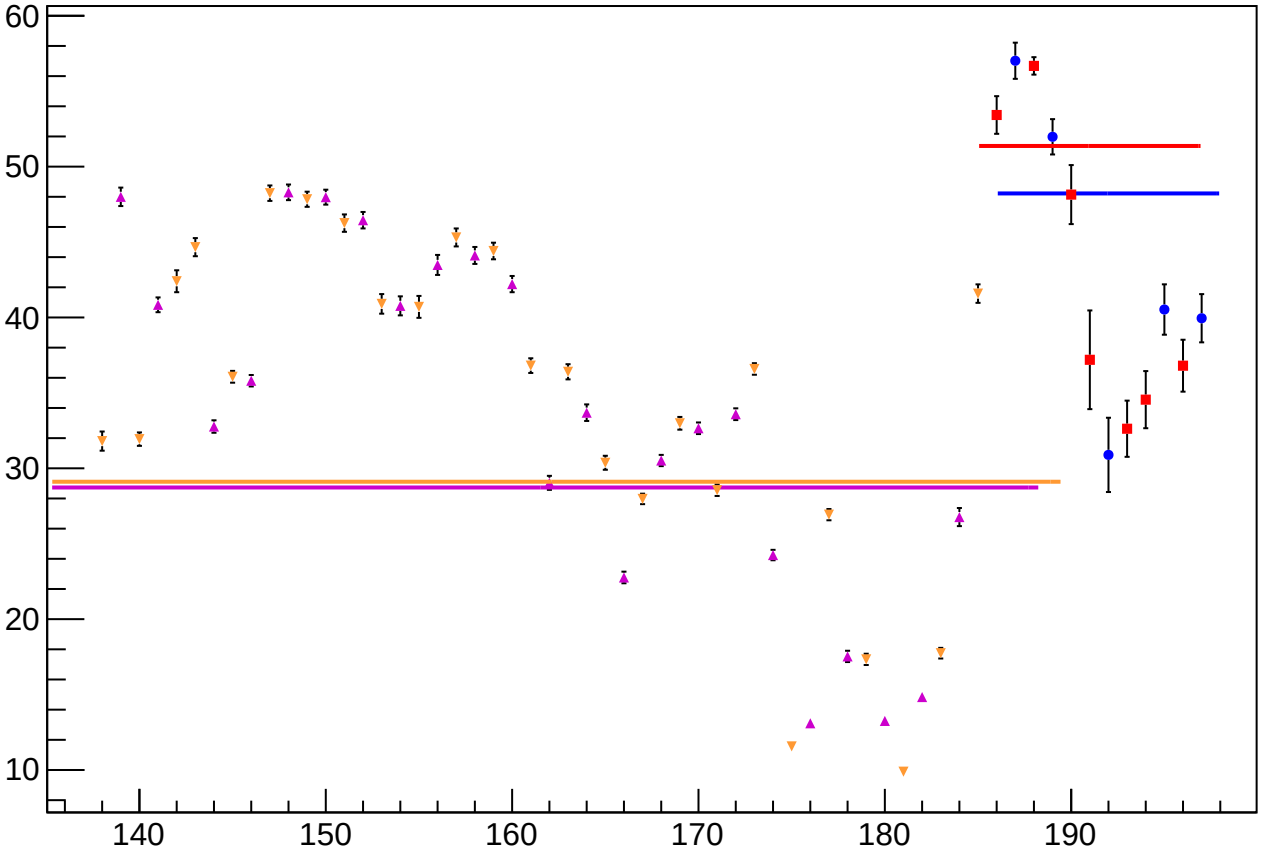
Left In: 0.519+/-0.071 χ^2/NDF:6776.8/22

+ sign 0.599+/-0.069 χ^2/NDF: 8635.2/29

All: 0.534+/-0.049 χ^2/NDF: 15704.1/59

- sign 0.467+/-0.070 χ^2/NDF: 7067.1/29

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 48.223+/-0.654 χ^2/NDF: 161.7/4

Left Out: 29.110+/-0.088 χ^2/NDF:18845.8/24

Right Out: 51.370+/-0.452 χ^2/NDF: 360.1/6

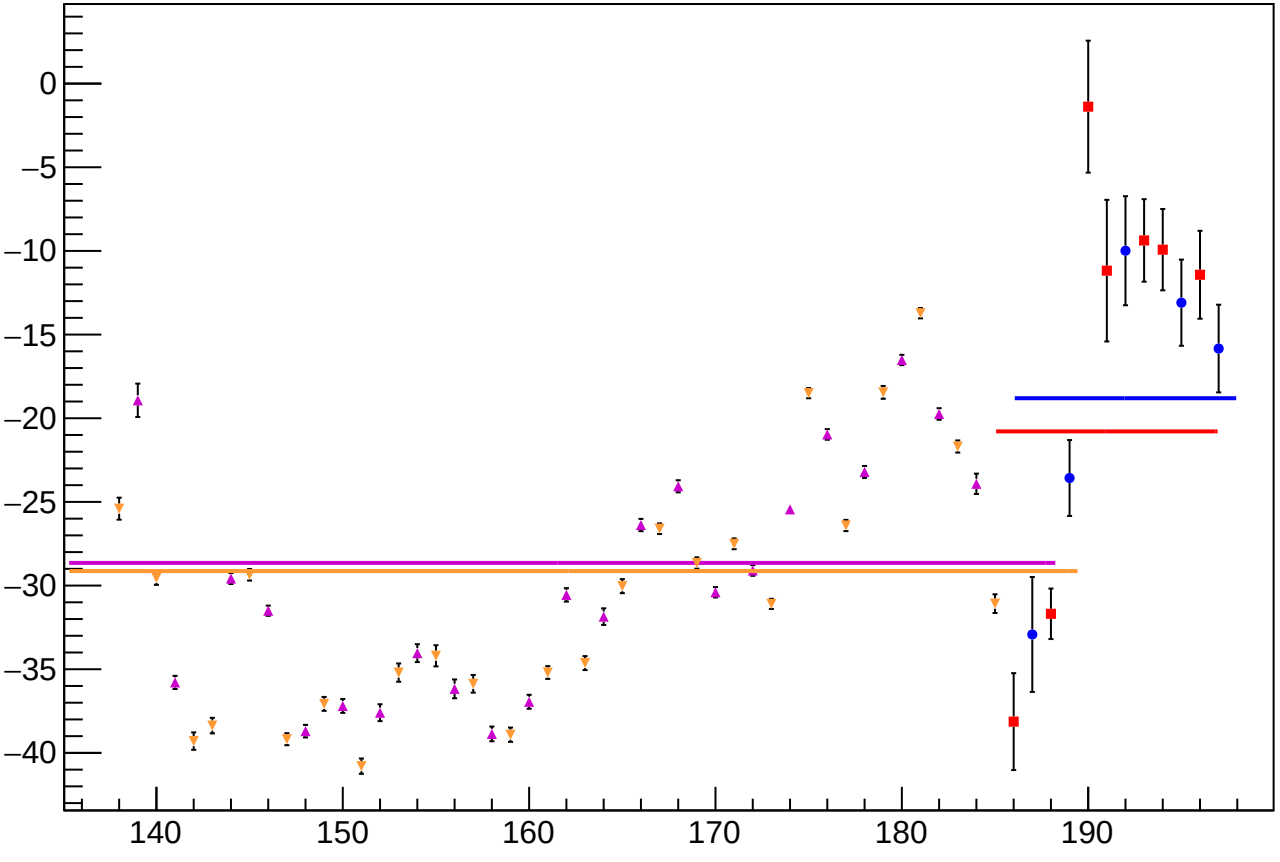
Left In: 28.728+/-0.089 χ^2/NDF:17037.4/22

+ sign 29.449+/-0.087 χ^2/NDF: 19846.8/29

All: 29.509+/-0.062 χ^2/NDF: 39658.6/59

- sign 29.568+/-0.087 χ^2/NDF: 19810.8/29

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -18.804+/-1.222 χ^2/NDF: 34.8/4

Left Out: -29.134+/-0.078 χ^2/NDF:8998.0/24

Right Out: -20.786+/-0.930 χ^2/NDF: 171.5/6

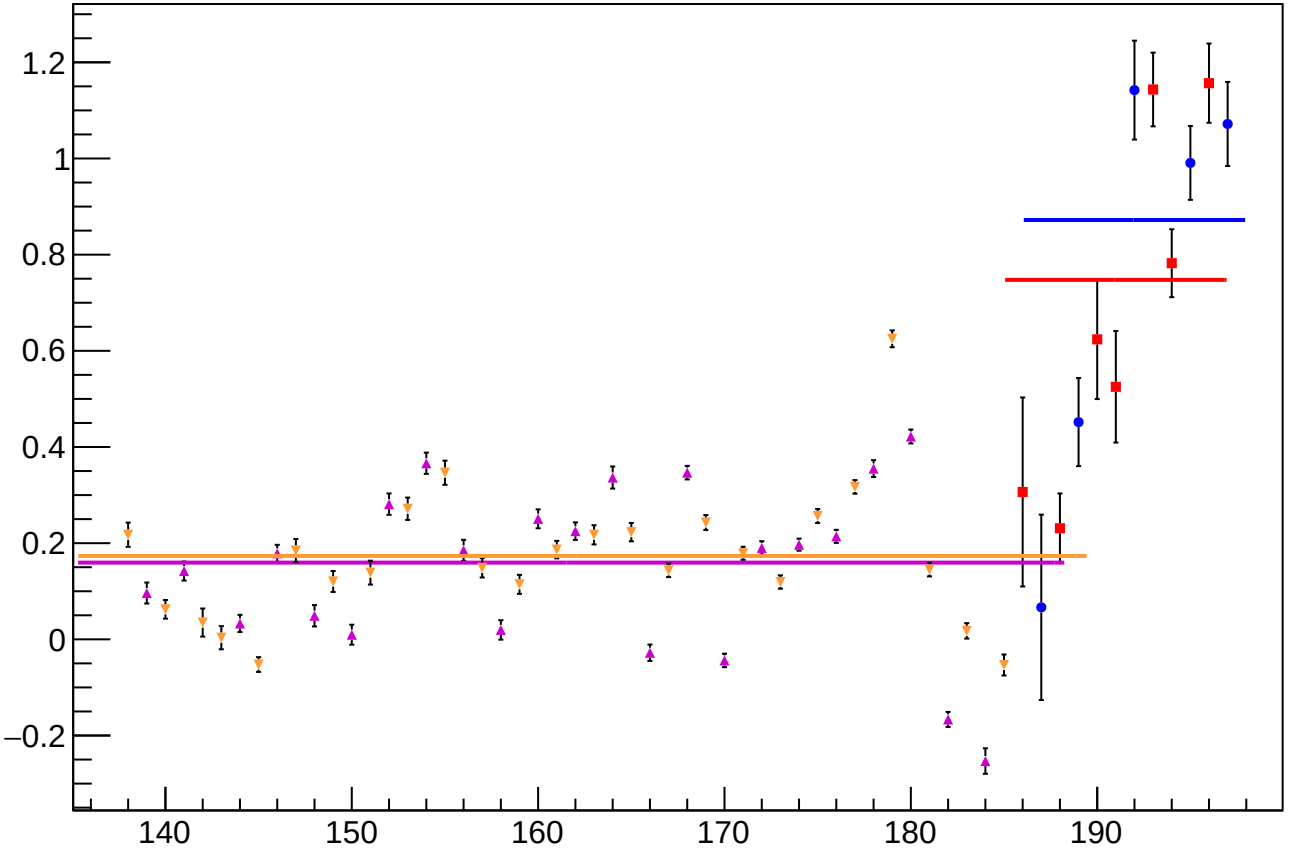
Left In: -28.645+/-0.080 χ^2/NDF:6693.5/22

+ sign -29.092+/-0.078 χ^2/NDF: 9104.0/29

All: -28.843+/-0.056 χ^2/NDF: 16060.5/59

- sign -28.587+/-0.079 χ^2/NDF: 6936.0/29

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.872+/-0.043 χ^2/NDF: 53.0/4

Left Out: 0.173+/-0.004 χ^2/NDF:1468.8/24

Right Out: 0.748+/-0.034 χ^2/NDF: 112.3/6

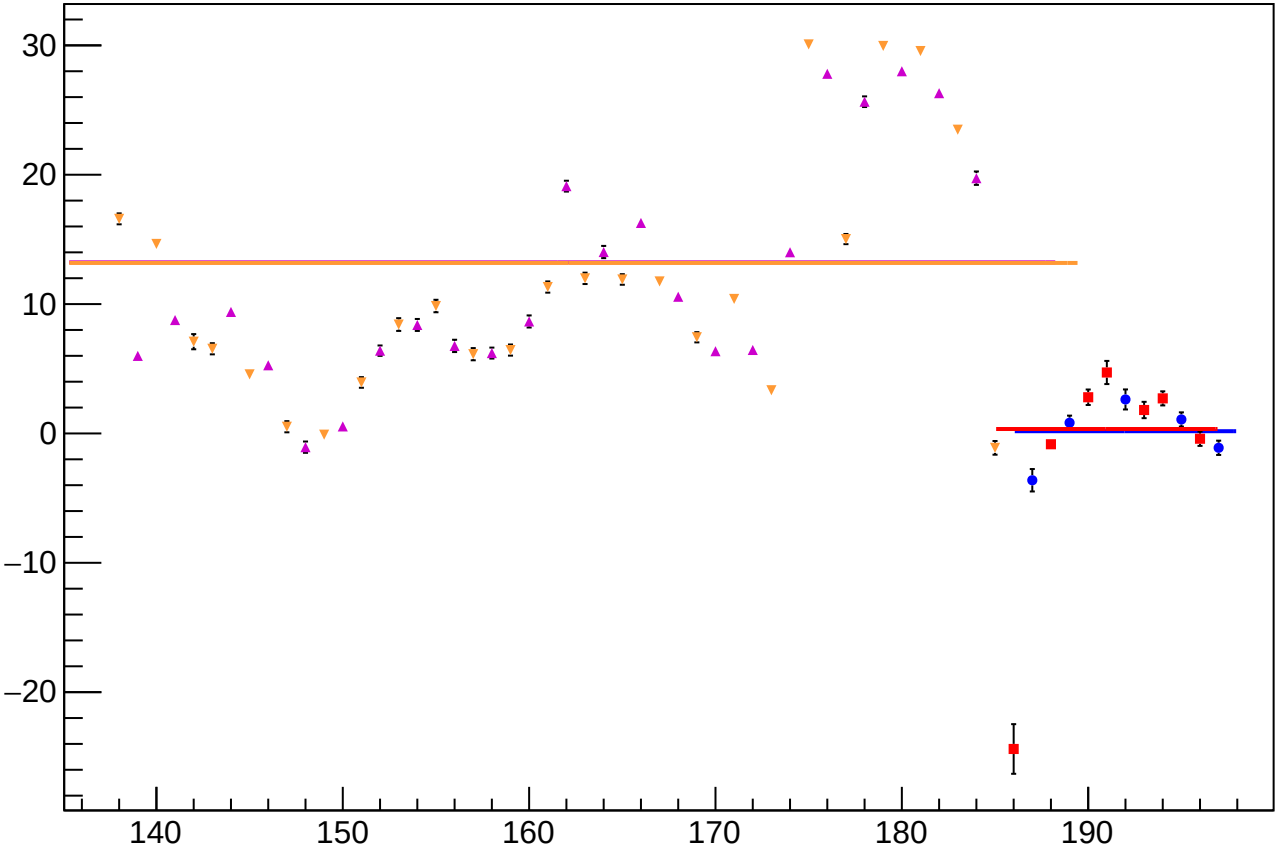
Left In: 0.160+/-0.004 χ^2/NDF:2063.7/22

+ sign 0.178+/-0.004 χ^2/NDF: 1784.1/29

All: 0.172+/-0.003 χ^2/NDF: 4264.6/59

- sign 0.166+/-0.004 χ^2/NDF: 2474.9/29

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.173+/-0.279 χ^2/NDF: 38.7/4

Left Out: 13.181+/-0.075 χ^2/NDF:17039.3/24

Right Out: 0.343+/-0.196 χ^2/NDF: 250.4/6

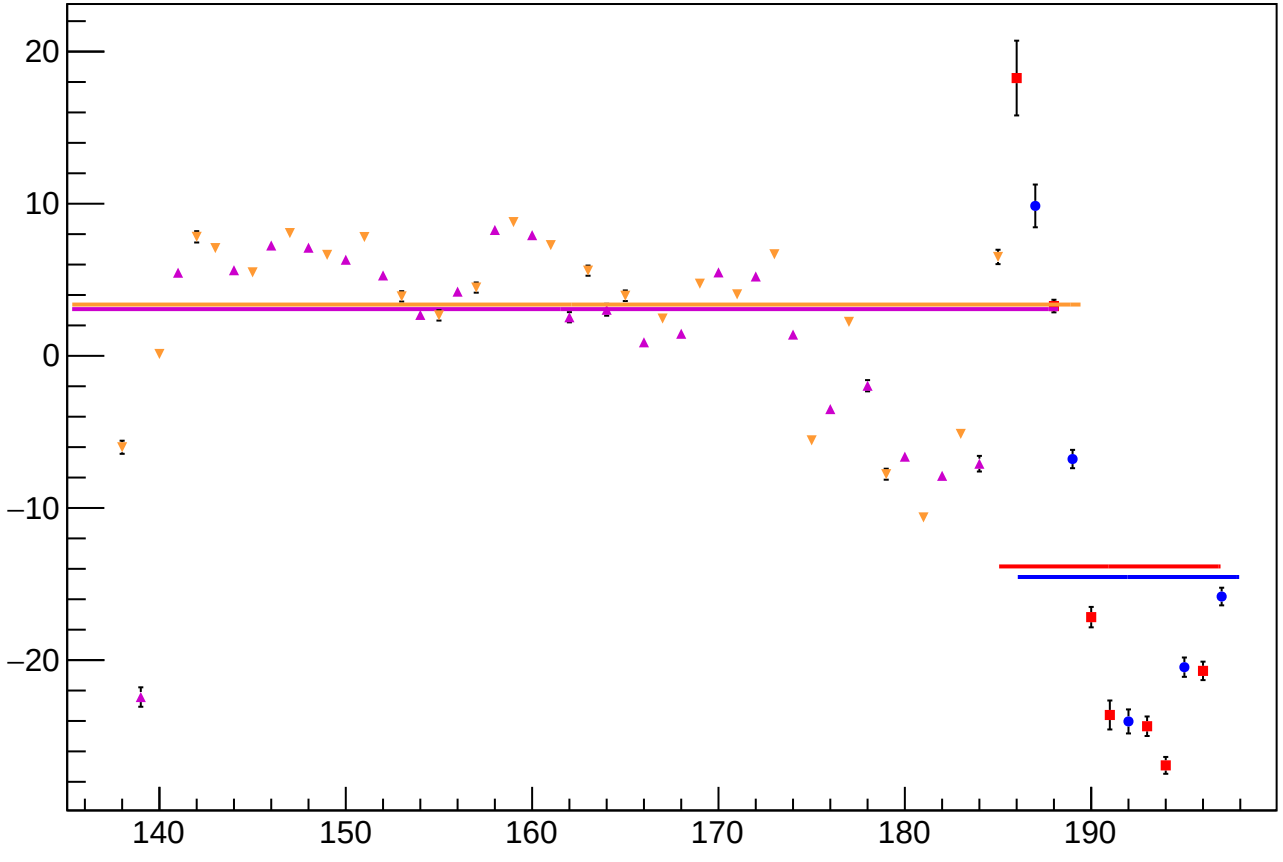
Left In: 13.228+/-0.077 χ^2/NDF:14126.1/22

+ sign 12.294+/-0.073 χ^2/NDF: 19108.7/29

All: 11.900+/-0.051 χ^2/NDF: 37290.2/59

- sign 11.520+/-0.071 χ^2/NDF: 18123.8/29

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -14.537+/-0.311 χ^2/NDF: 703.2/4

Left Out: 3.372+/-0.059 χ^2/NDF:8053.7/24

Right Out: -13.843+/-0.238 χ^2/NDF: 2959.8/6

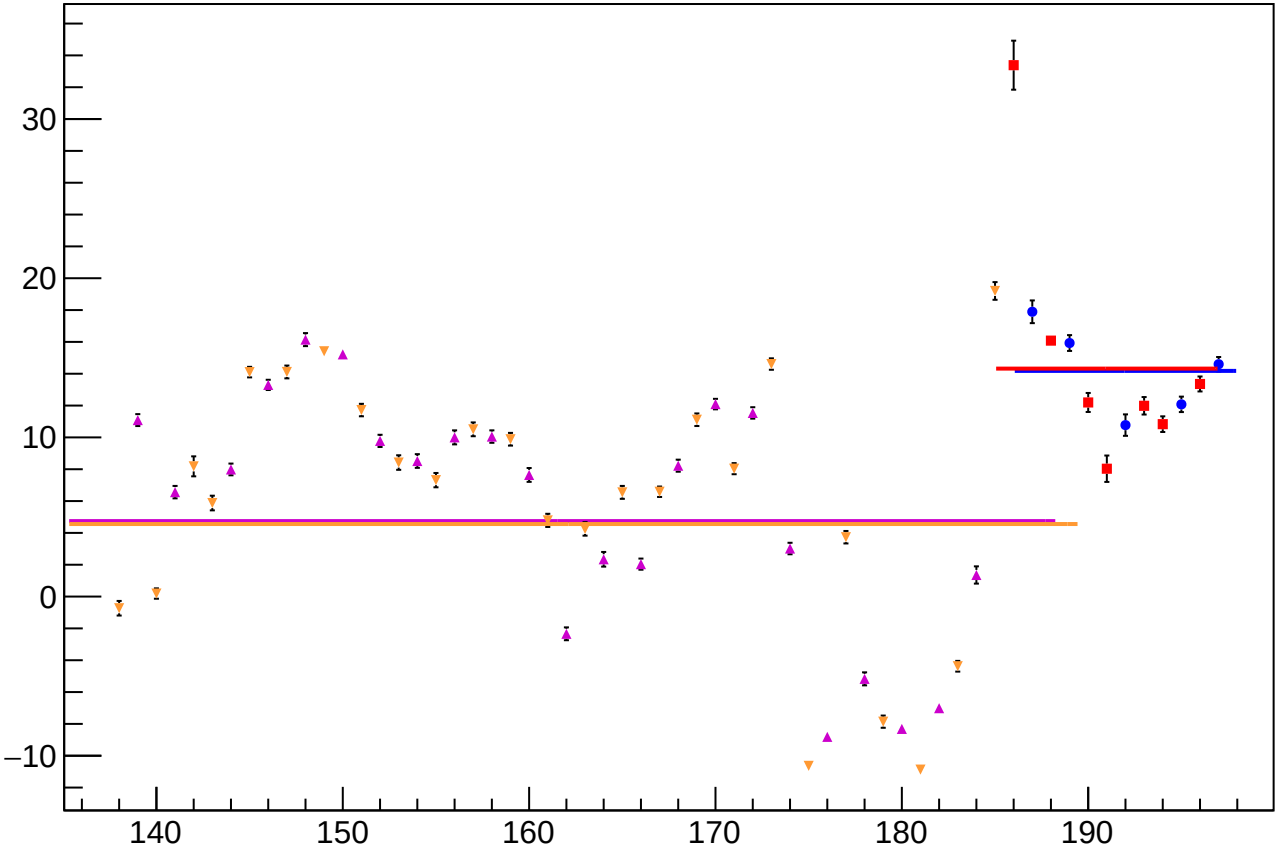
Left In: 3.071+/-0.060 χ^2/NDF:7269.0/22

+ sign 2.760+/-0.058 χ^2/NDF: 11952.6/29

All: 2.409+/-0.041 χ^2/NDF: 27019.1/59

- sign 2.044+/-0.059 χ^2/NDF: 14990.4/29

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 14.179+/-0.240 χ^2/NDF: 84.7/4

Left Out: 4.557+/-0.076 χ^2/NDF:13588.4/24

Right Out: 14.322+/-0.167 χ^2/NDF: 355.2/6

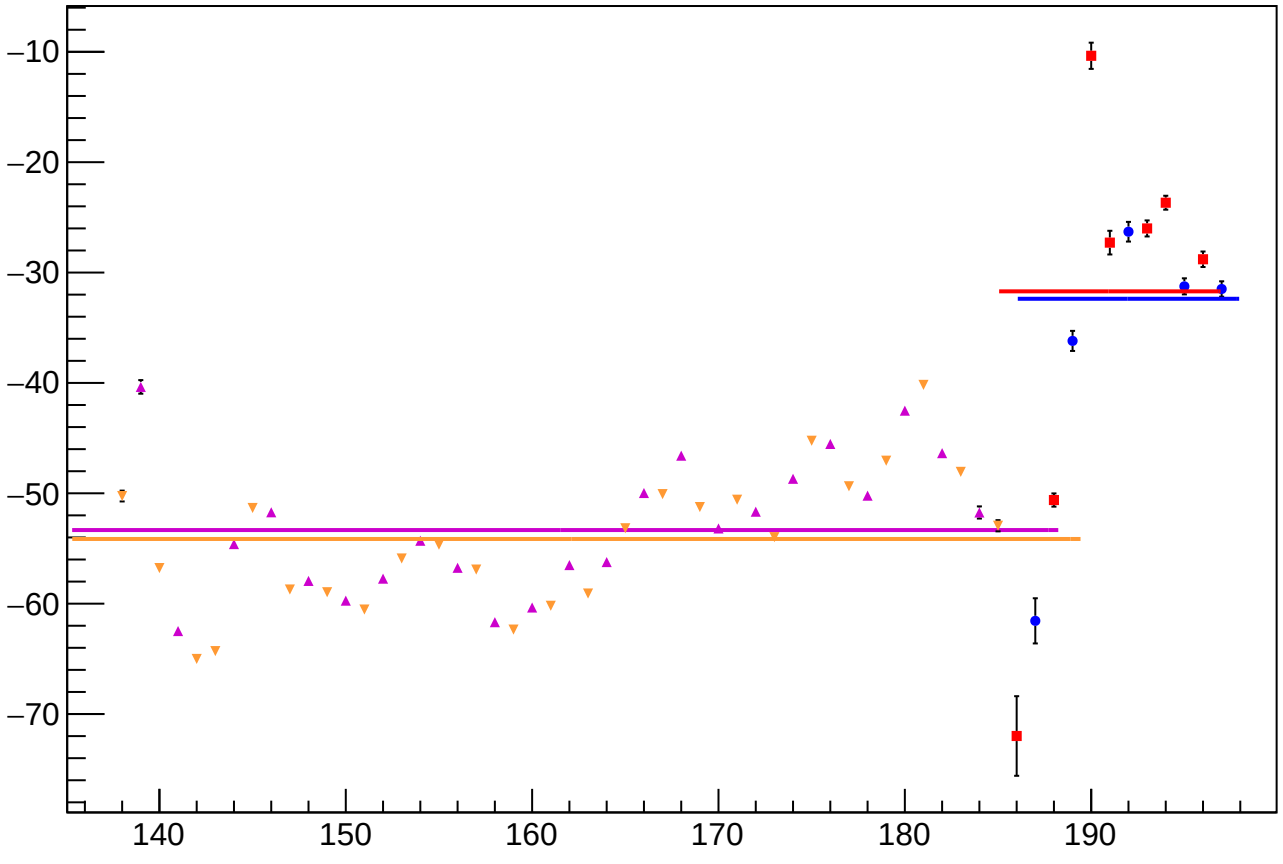
Left In: 4.741+/-0.076 χ^2/NDF:11418.2/22

+ sign 5.424+/-0.072 χ^2/NDF: 15134.6/29

All: 5.928+/-0.050 χ^2/NDF: 29719.4/59

- sign 6.397+/-0.069 χ^2/NDF: 14490.3/29

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -32.376+/-0.388 χ^2/NDF: 271.3/4

Left Out: -54.139+/-0.067 χ^2/NDF:8301.1/24

Right Out: -31.703+/-0.303 χ^2/NDF: 1701.3/6

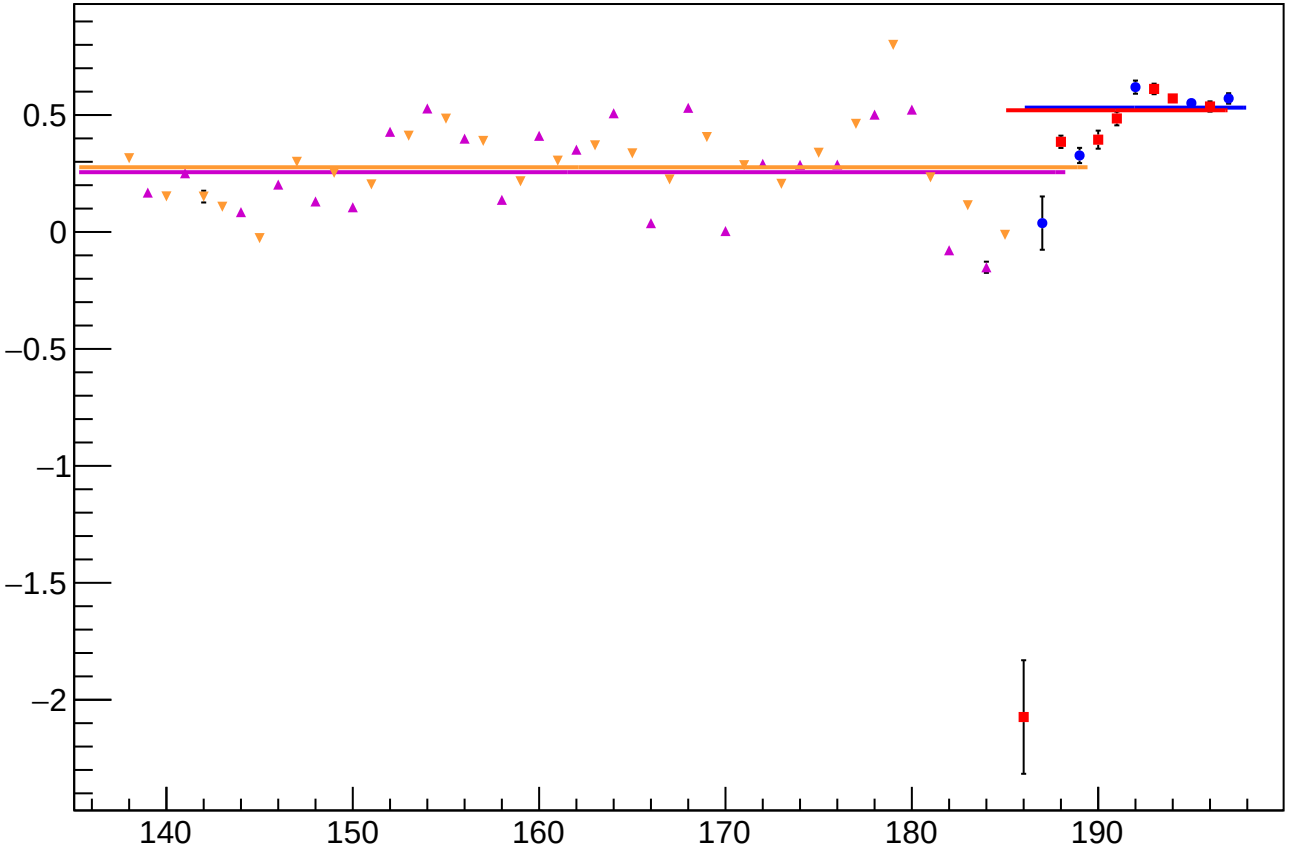
Left In: -53.330+/-0.068 χ^2/NDF:6940.2/22

+ sign -53.516+/-0.066 χ^2/NDF: 11631.6/29

All: -52.911+/-0.047 χ^2/NDF: 25287.2/59

- sign -52.287+/-0.067 χ^2/NDF: 13482.7/29

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.532+/-0.012 χ^2/NDF: 71.8/4

Left Out: 0.277+/-0.003 χ^2/NDF:2606.0/24

Right Out: 0.520+/-0.010 χ^2/NDF: 176.9/6

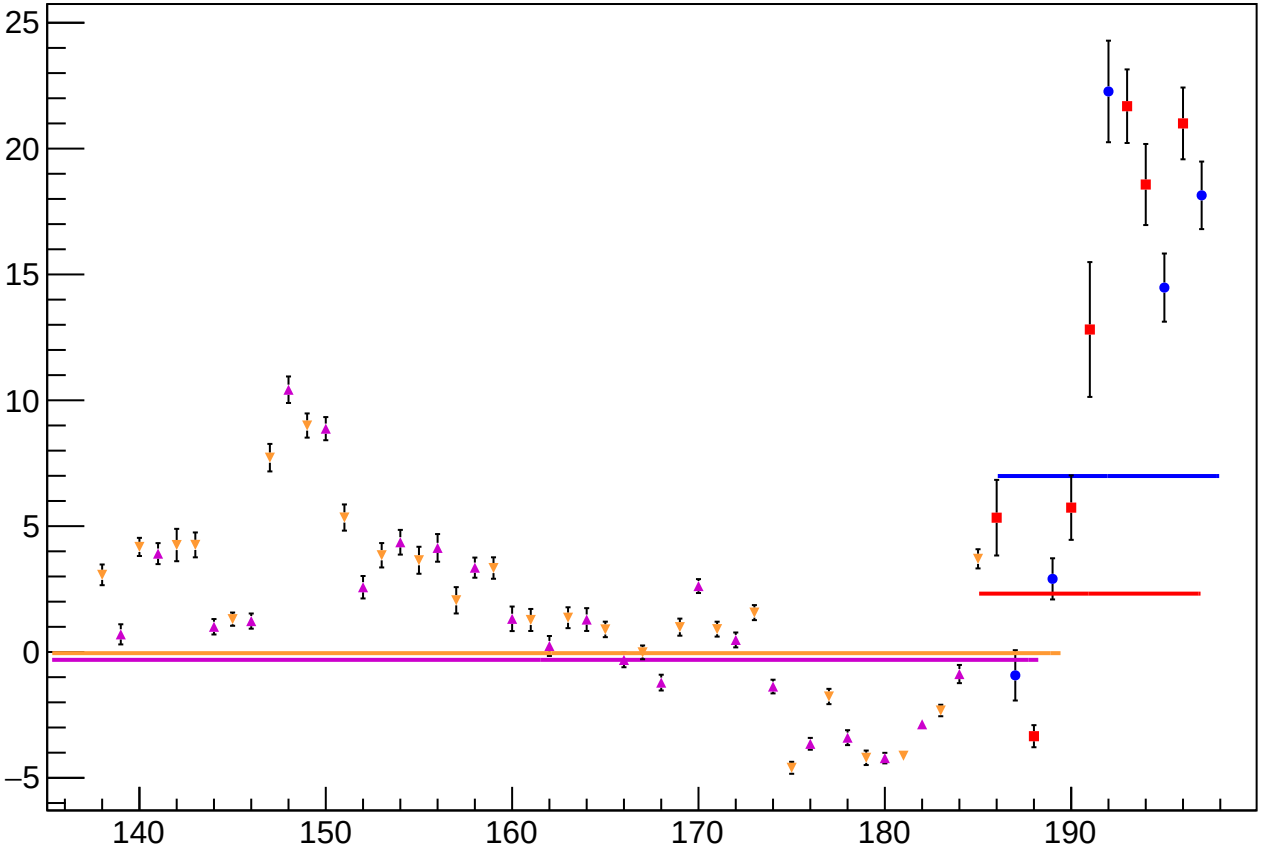
Left In: 0.256+/-0.003 χ^2/NDF:3644.0/22

+ sign 0.291+/-0.003 χ^2/NDF: 3072.1/29

All: 0.285+/-0.002 χ^2/NDF: 7558.4/59

- sign 0.279+/-0.003 χ^2/NDF: 4478.2/29

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 6.991+/-0.510 χ^2/NDF: 244.7/4

Left Out: -0.046+/-0.066 χ^2/NDF:2628.9/24

Right Out: 2.319+/-0.360 χ^2/NDF: 642.1/6

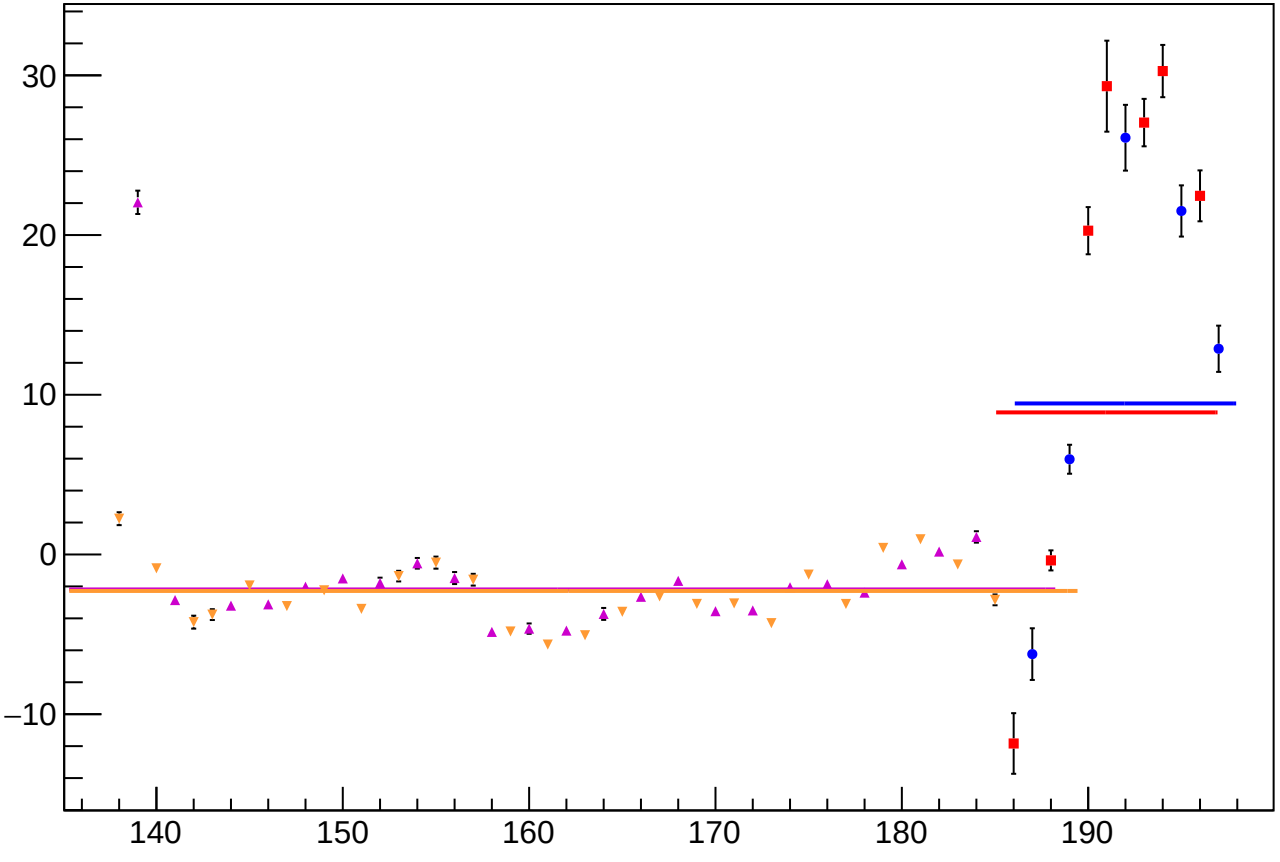
Left In: -0.312+/-0.067 χ^2/NDF:2252.6/22

+ sign 0.070+/-0.066 χ^2/NDF: 3060.7/29

All: -0.076+/-0.046 χ^2/NDF: 6017.1/59

- sign -0.224+/-0.066 χ^2/NDF: 2946.4/29

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 9.456+/-0.609 χ^2/NDF: 236.3/4

Left Out: -2.283+/-0.054 χ^2/NDF:1132.1/24

Right Out: 8.896+/-0.465 χ^2/NDF: 839.9/6

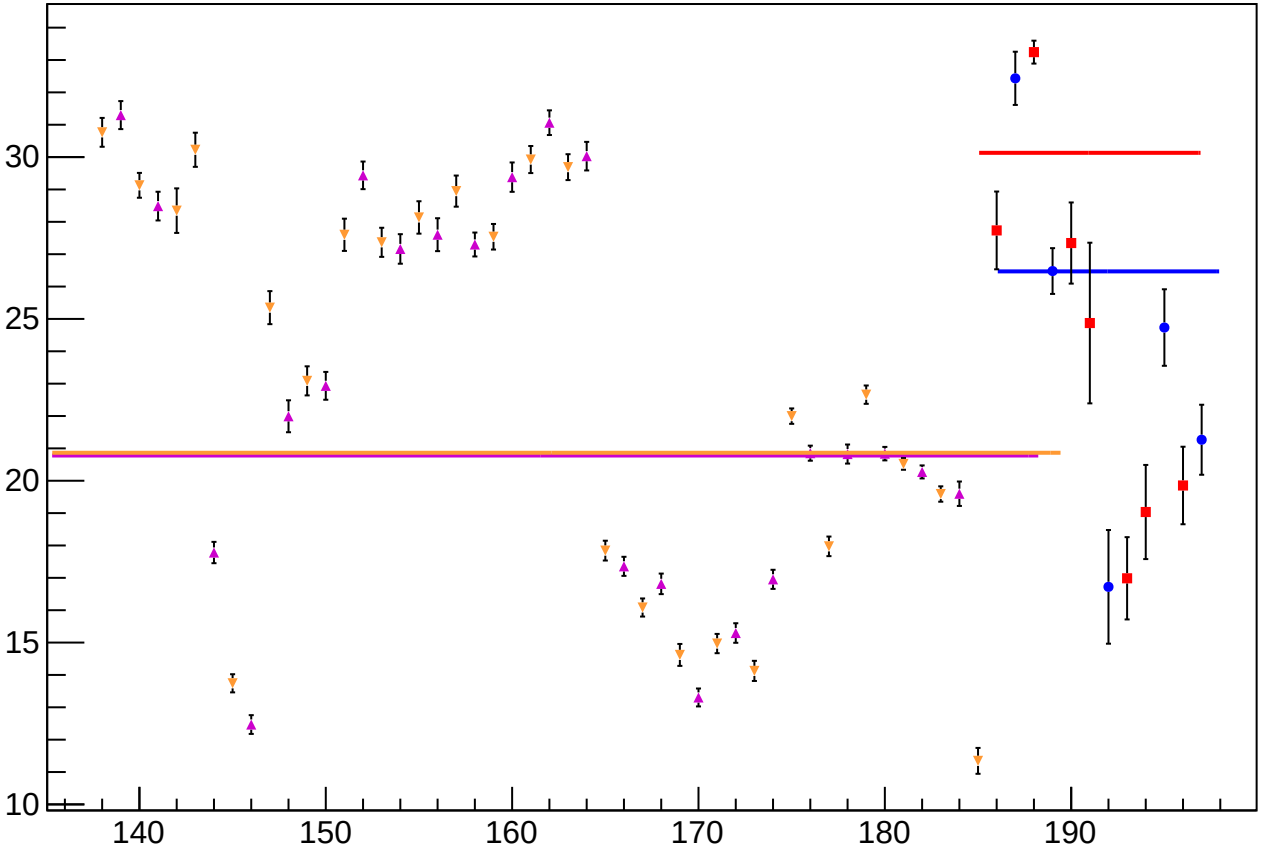
Left In: -2.190+/-0.055 χ^2/NDF:1785.1/22

+ sign -2.191+/-0.054 χ^2/NDF: 1737.6/29

All: -2.115+/-0.038 χ^2/NDF: 4926.0/59

- sign -2.038+/-0.055 χ^2/NDF: 3184.4/29

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 26.469+/-0.431 χ^2/NDF: 108.7/4

Left Out: 20.865+/-0.067 χ^2/NDF:6608.4/24

Right Out: 30.132+/-0.298 χ^2/NDF: 329.5/6

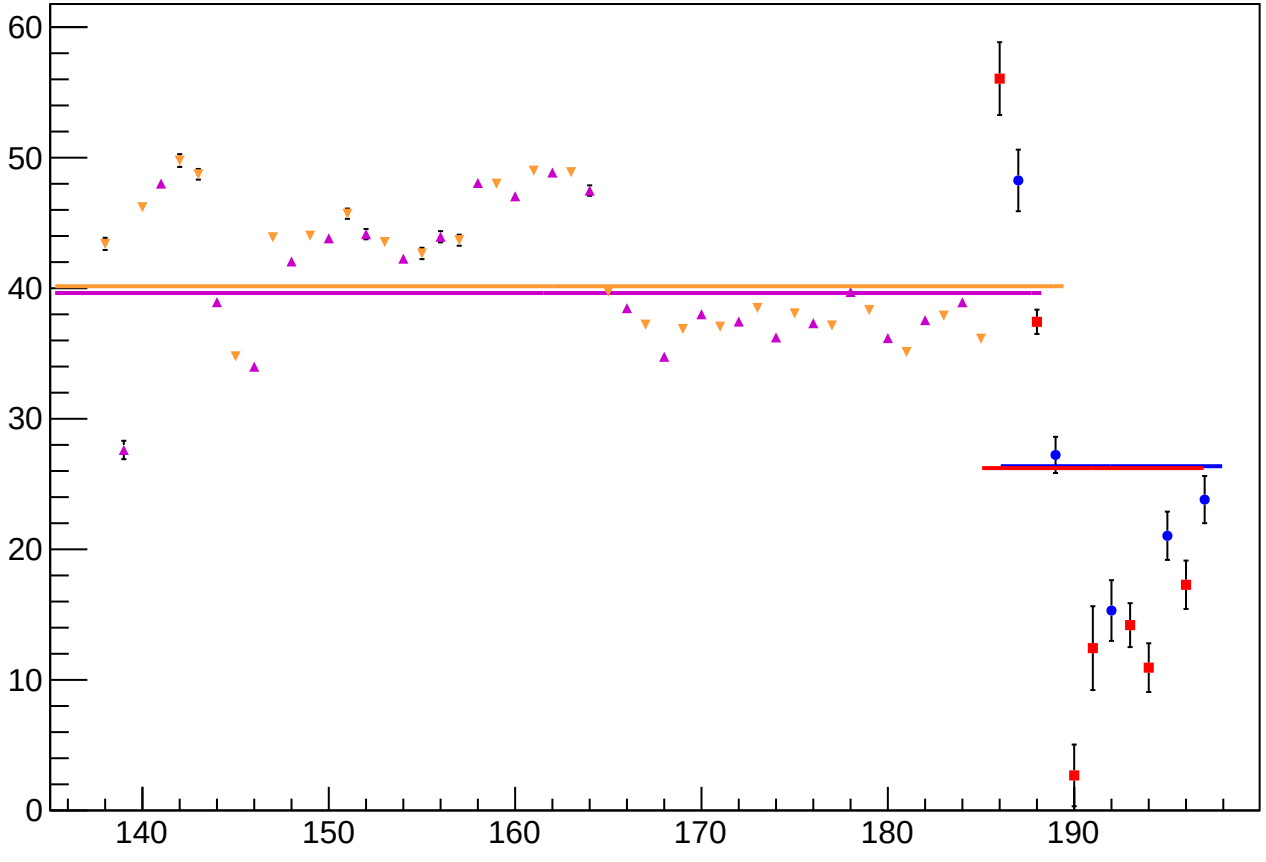
Left In: 20.780+/-0.067 χ^2/NDF:5988.0/22

+ sign 20.996+/-0.066 χ^2/NDF: 6881.9/29

All: 21.115+/-0.047 χ^2/NDF: 14143.2/59

- sign 21.233+/-0.066 χ^2/NDF: 7254.8/29

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 26.368+/-0.821 χ^2/NDF: 119.5/4

Left Out: 40.154+/-0.060 χ^2/NDF:5861.6/24

Right Out: 26.223+/-0.633 χ^2/NDF: 518.6/6

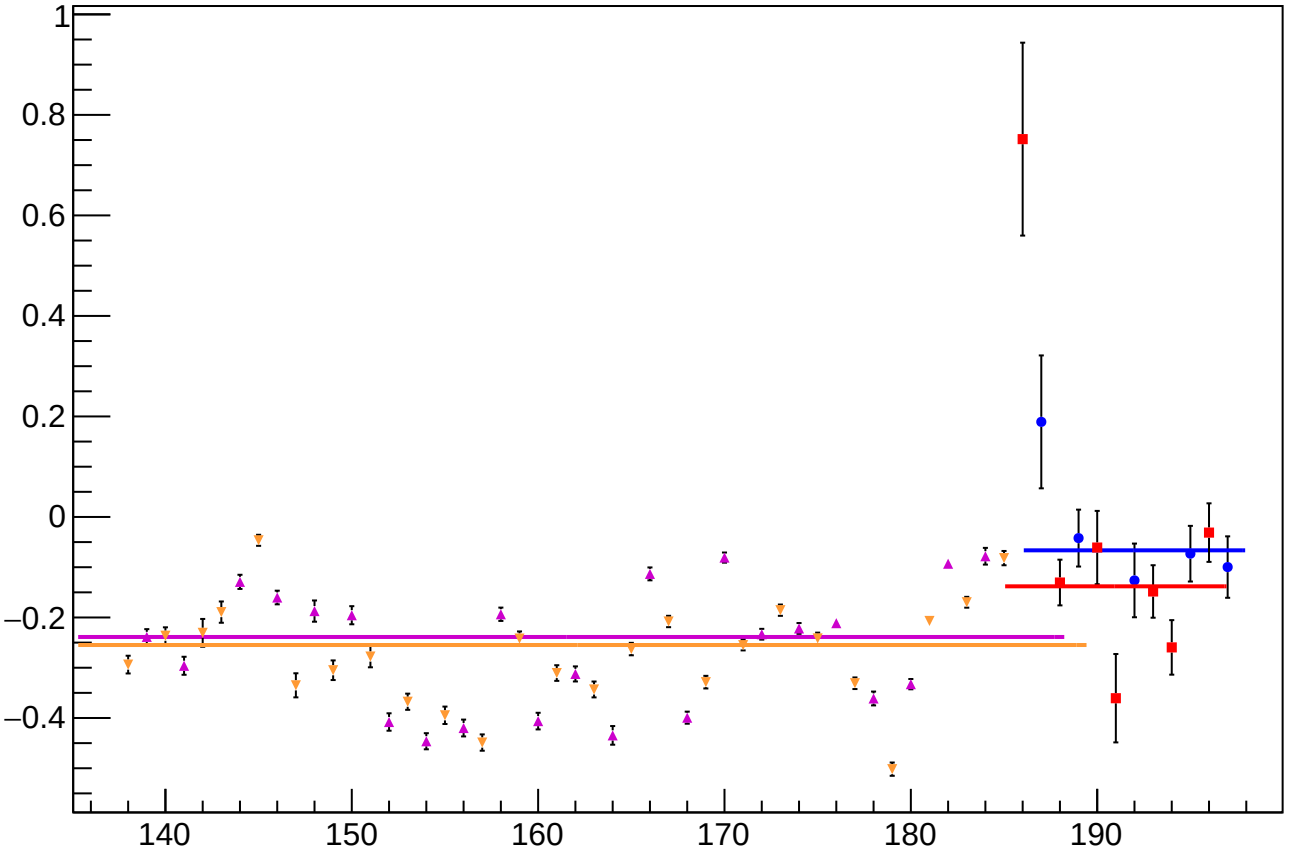
Left In: 39.632+/-0.061 χ^2/NDF:5343.3/22

+ sign 40.080+/-0.060 χ^2/NDF: 6261.7/29

All: 39.797+/-0.043 χ^2/NDF: 12612.0/59

- sign 39.508+/-0.061 χ^2/NDF: 6305.9/29

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.066+/-0.030 χ^2/NDF: 4.9/4

Left Out: -0.255+/-0.003 χ^2/NDF:1417.7/24

Right Out: -0.138+/-0.023 χ^2/NDF: 37.5/6

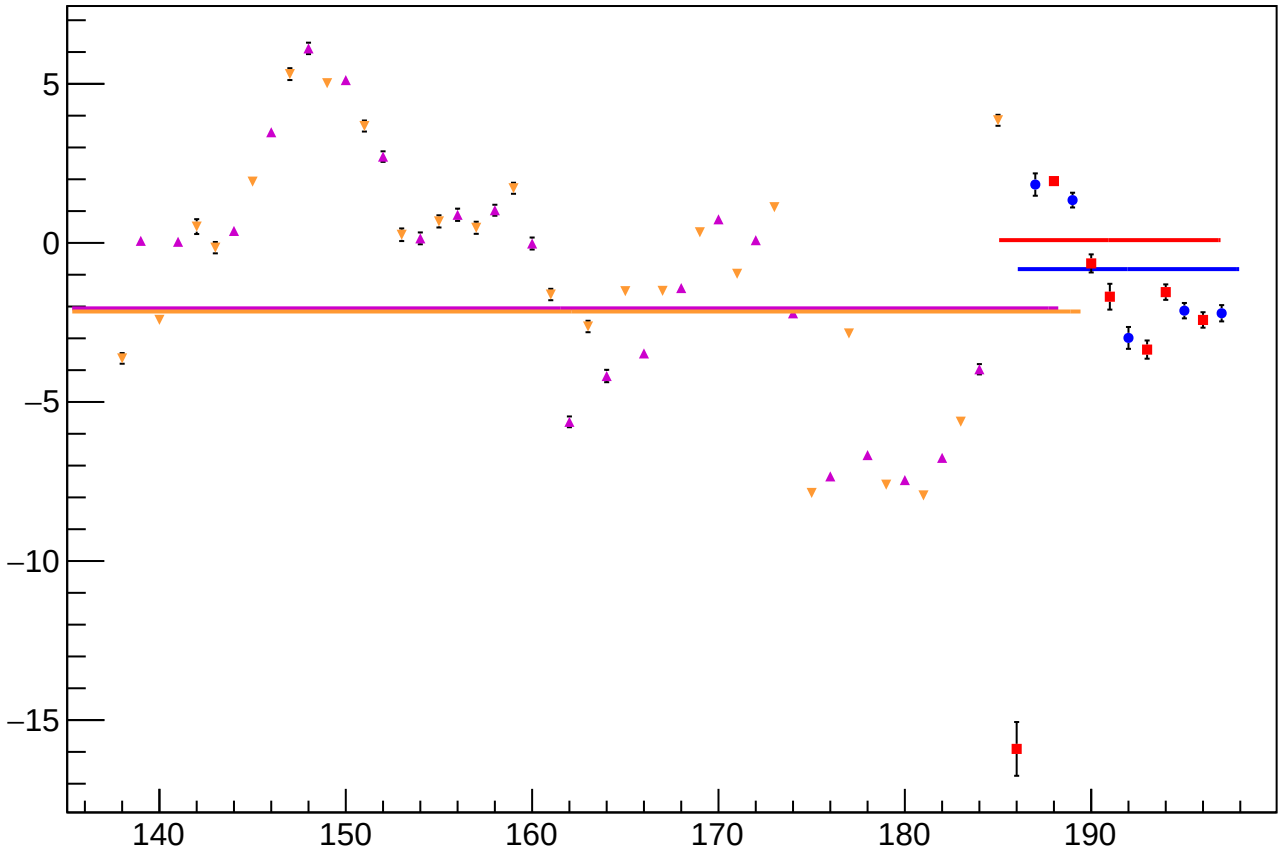
Left In: -0.239+/-0.003 χ^2/NDF:1750.0/22

+ sign -0.253+/-0.003 χ^2/NDF: 1463.0/29

All: -0.245+/-0.002 χ^2/NDF: 3285.3/59

- sign -0.237+/-0.003 χ^2/NDF: 1805.8/29

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: -0.824+/-0.122 χ^2/NDF: 242.6/4

Left Out: -2.156+/-0.026 χ^2/NDF:24501.3/24

Right Out: 0.087+/-0.082 χ^2/NDF: 966.3/6

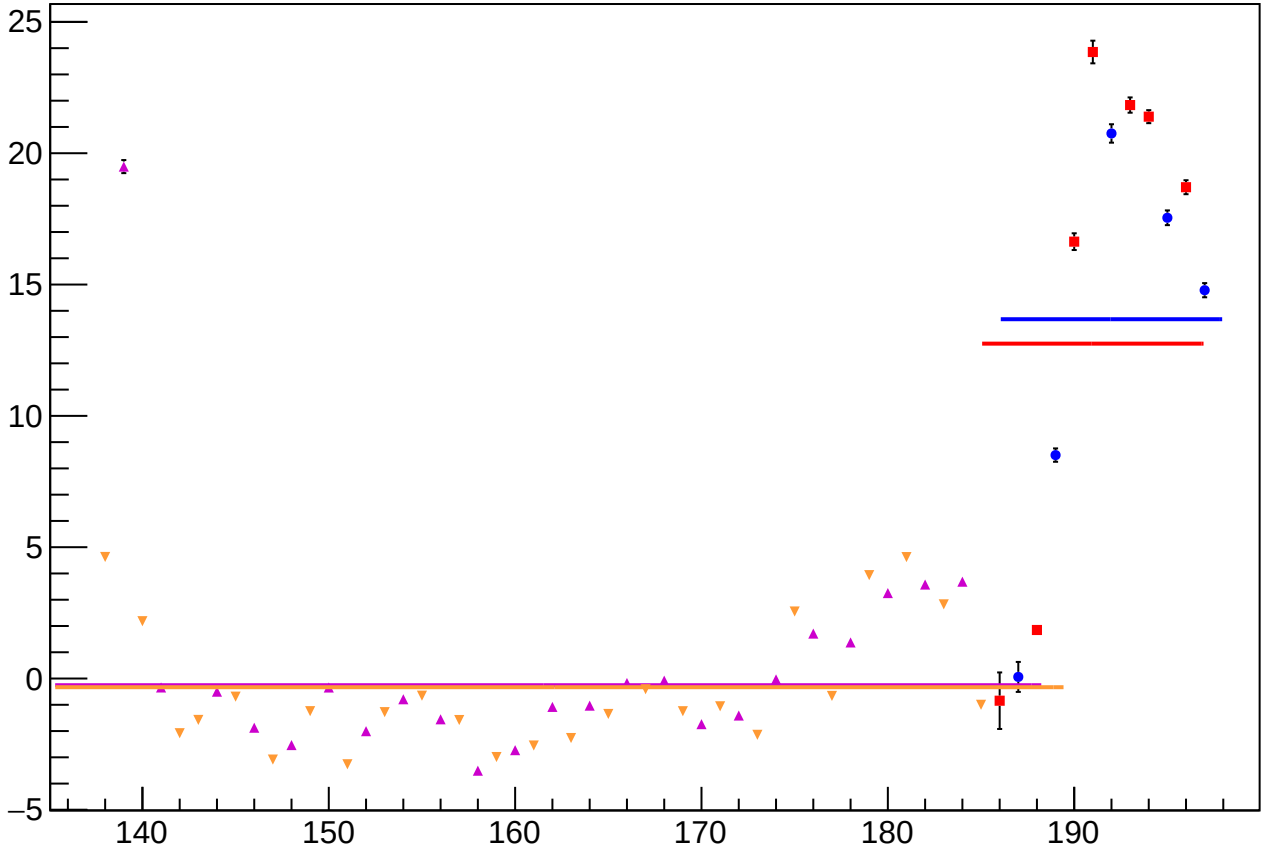
Left In: -2.058+/-0.026 χ^2/NDF:23343.8/22

+ sign -2.099+/-0.025 χ^2/NDF: 24858.5/29

All: -1.979+/-0.018 χ^2/NDF: 49836.9/59

- sign -1.863+/-0.025 χ^2/NDF: 24933.3/29

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 13.680+/-0.137 χ^2/NDF: 1595.2/4

Left Out: -0.331+/-0.021 χ^2/NDF:12552.3/24

Right Out: 12.750+/-0.102 χ^2/NDF: 8227.0/6

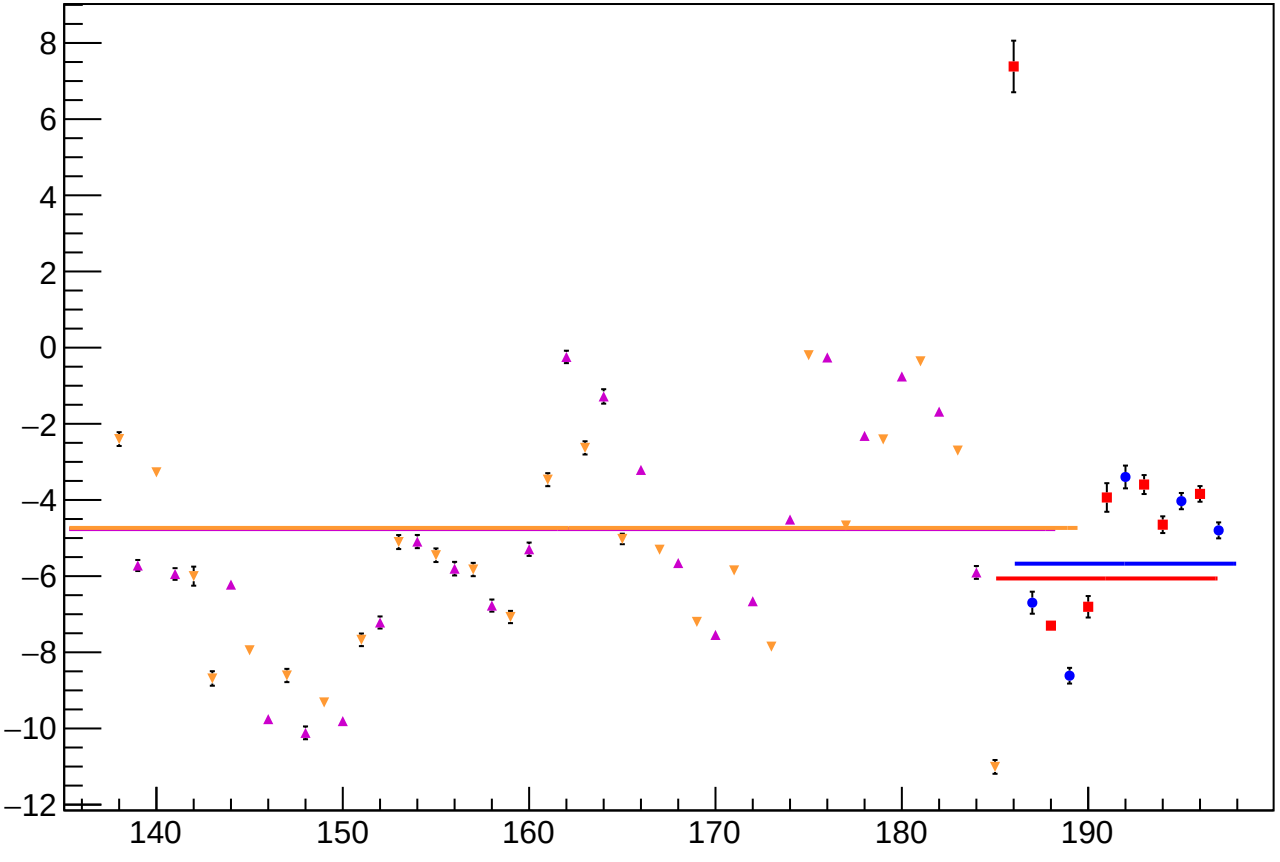
Left In: -0.255+/-0.021 χ^2/NDF:14162.0/22

+ sign -0.022+/-0.020 χ^2/NDF: 24329.9/29

All: 0.124+/-0.014 χ^2/NDF: 62519.4/59

- sign 0.271+/-0.020 χ^2/NDF: 38086.7/29

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -5.673+/-0.105 χ^2/NDF: 350.5/4

Left Out: -4.734+/-0.026 χ^2/NDF:13188.7/24

Right Out: -6.061+/-0.069 χ^2/NDF: 883.4/6

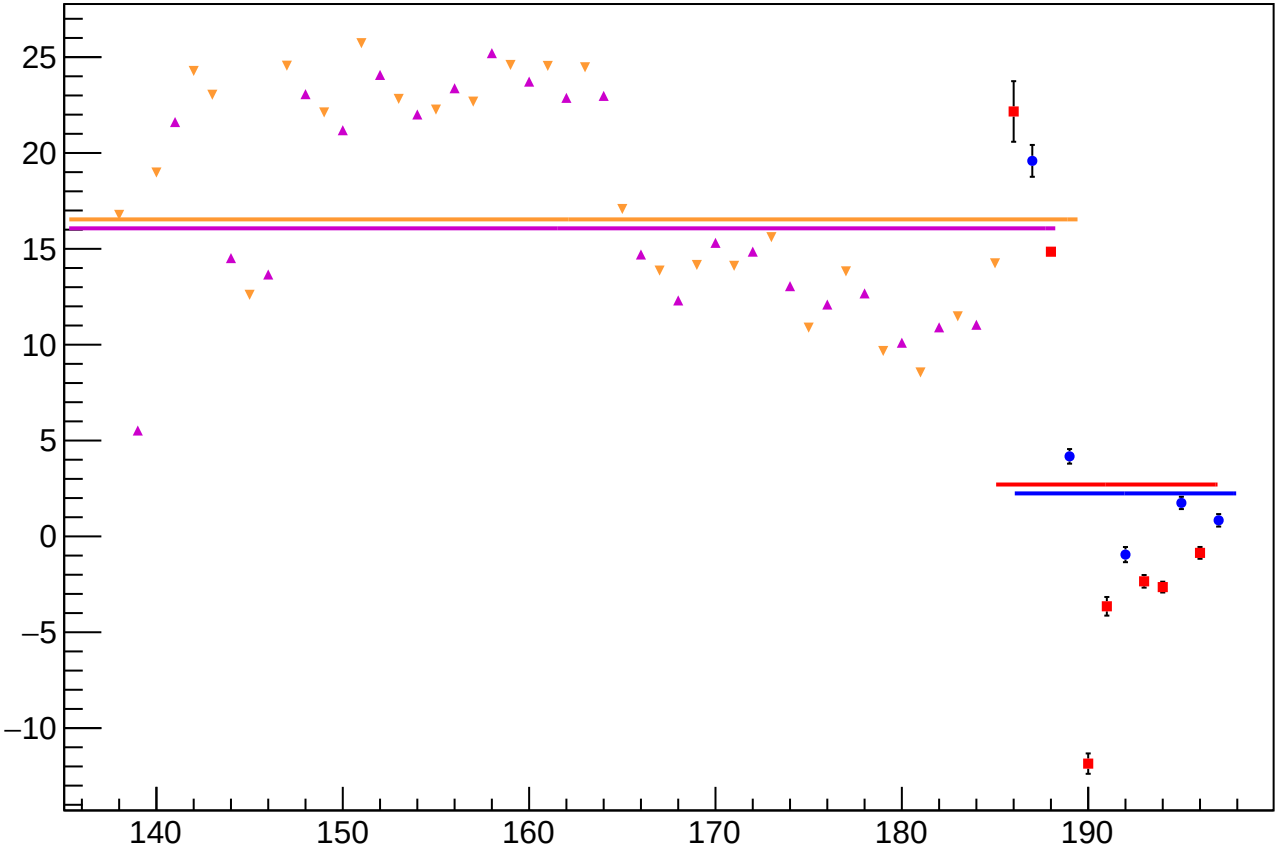
Left In: -4.764+/-0.026 χ^2/NDF:14163.2/22

+ sign -4.788+/-0.025 χ^2/NDF: 13615.0/29

All: -4.859+/-0.017 χ^2/NDF: 28984.8/59

- sign -4.925+/-0.024 χ^2/NDF: 15354.5/29

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 2.243+/-0.172 χ^2/NDF: 547.2/4

Left Out: 16.536+/-0.023 χ^2/NDF:53546.9/24

Right Out: 2.706+/-0.130 χ^2/NDF: 4496.3/6

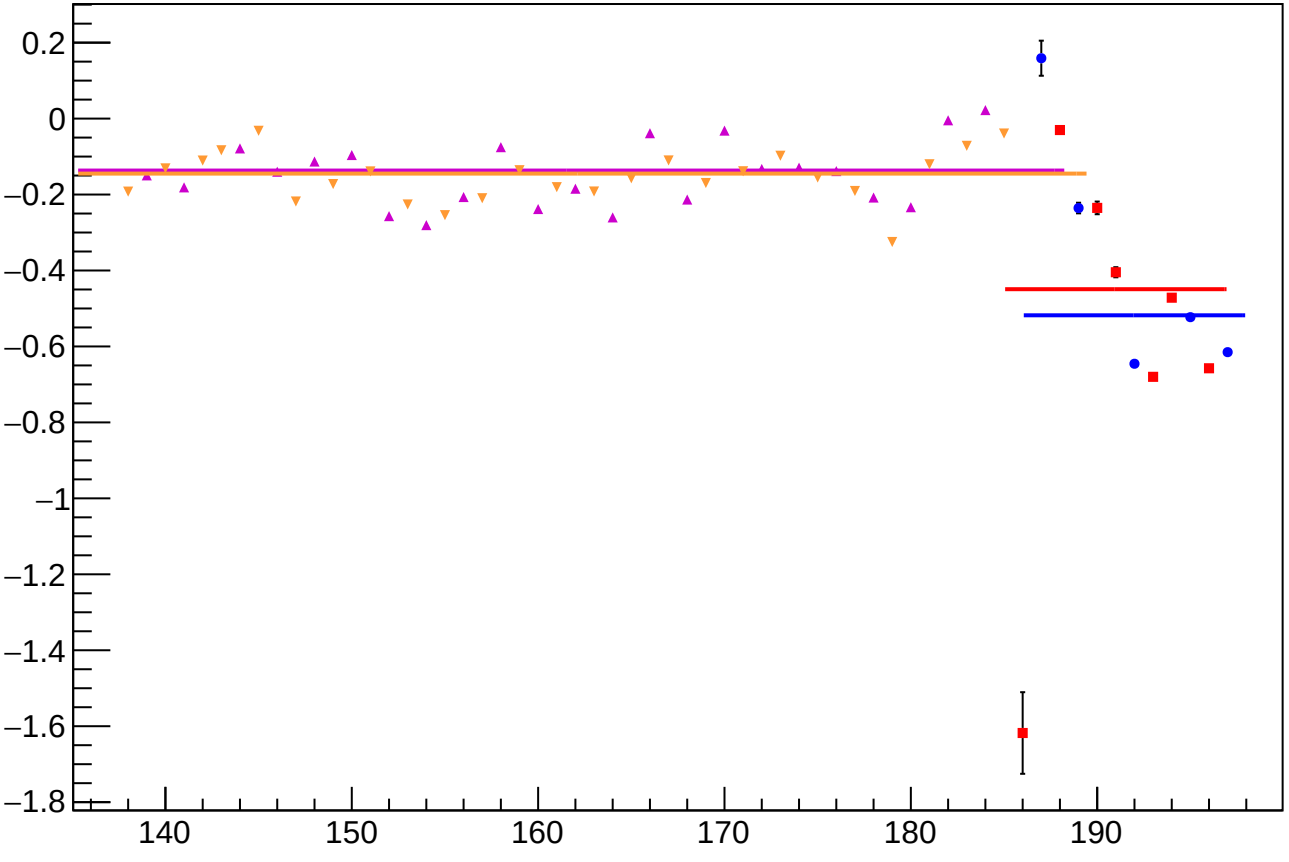
Left In: 16.069+/-0.023 χ^2/NDF:42736.3/22

+ sign 16.281+/-0.023 χ^2/NDF: 60882.5/29

All: 15.967+/-0.016 χ^2/NDF: 118650.6/59

- sign 15.650+/-0.023 χ^2/NDF: 57393.5/29

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.518+/-0.006 χ^2/NDF: 814.0/4

Left Out: -0.145+/-0.001 χ^2/NDF:3755.1/24

Right Out: -0.449+/-0.004 χ^2/NDF: 2895.0/6

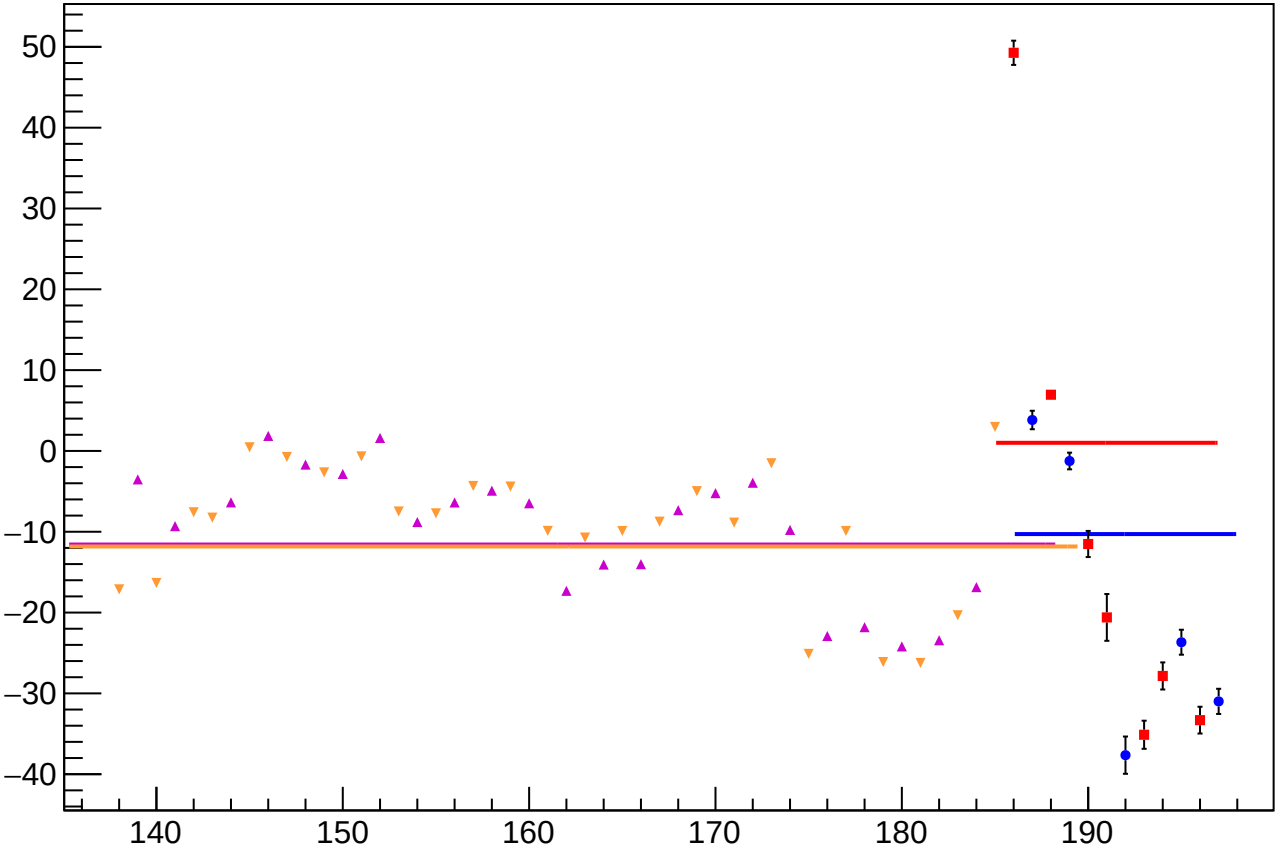
Left In: -0.137+/-0.001 χ^2/NDF:5383.4/22

+ sign -0.158+/-0.001 χ^2/NDF: 8895.0/29

All: -0.156+/-0.001 χ^2/NDF: 22116.9/59

- sign -0.155+/-0.001 χ^2/NDF: 13217.7/29

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -10.287+/-0.606 χ^2/NDF: 621.6/4

Left Out: -11.823+/-0.070 χ^2/NDF:17277.3/24

Right Out: 1.008+/-0.428 χ^2/NDF: 2431.1/6

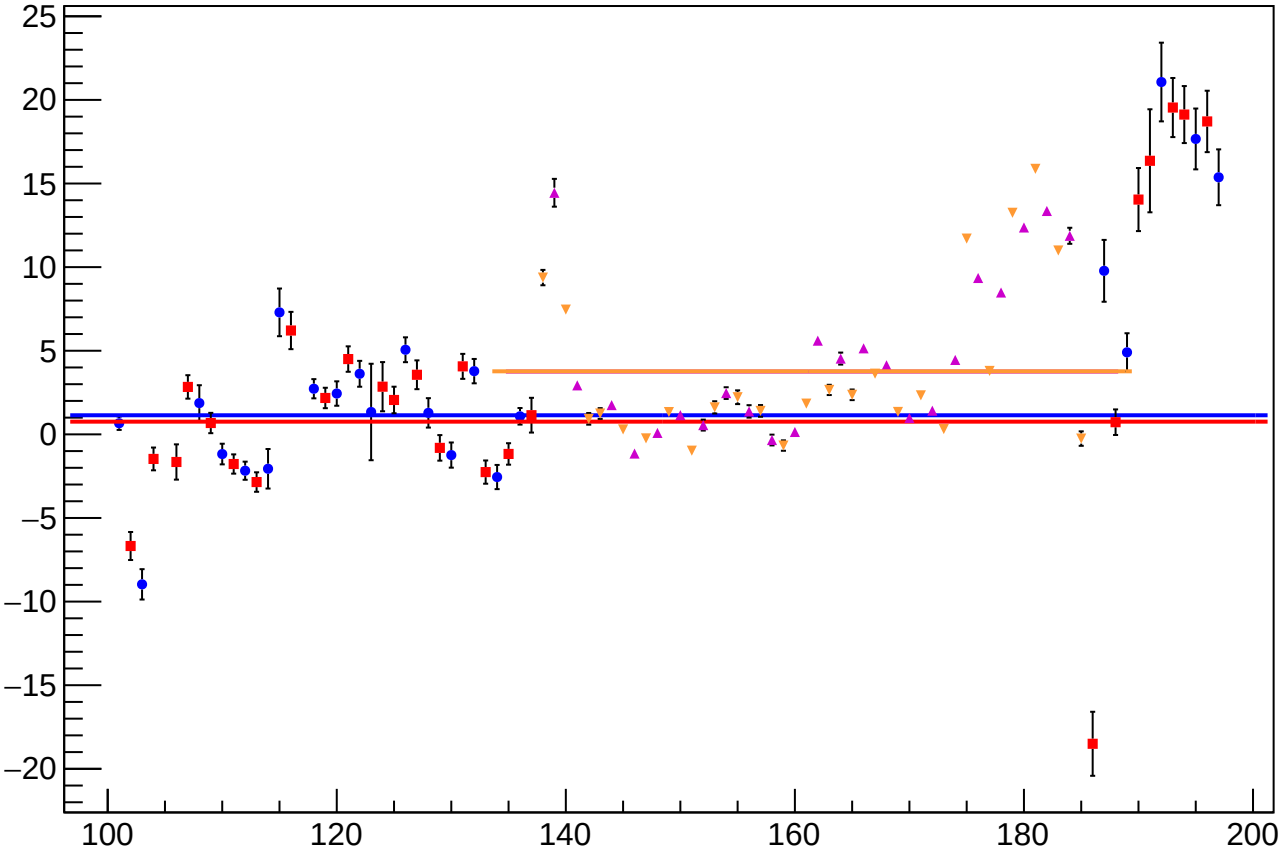
Left In: -11.580+/-0.071 χ^2/NDF:14243.6/22

+ sign -11.802+/-0.070 χ^2/NDF: 17905.2/29

All: -11.523+/-0.050 χ^2/NDF: 35454.8/59

- sign -11.241+/-0.070 χ^2/NDF: 17517.6/29

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 1.142+/-0.165 χ^2/NDF: 561.2/21

Left Out: 3.770+/-0.056 χ^2/NDF:7420.4/24

Right Out: 0.760+/-0.167 χ^2/NDF: 782.8/24

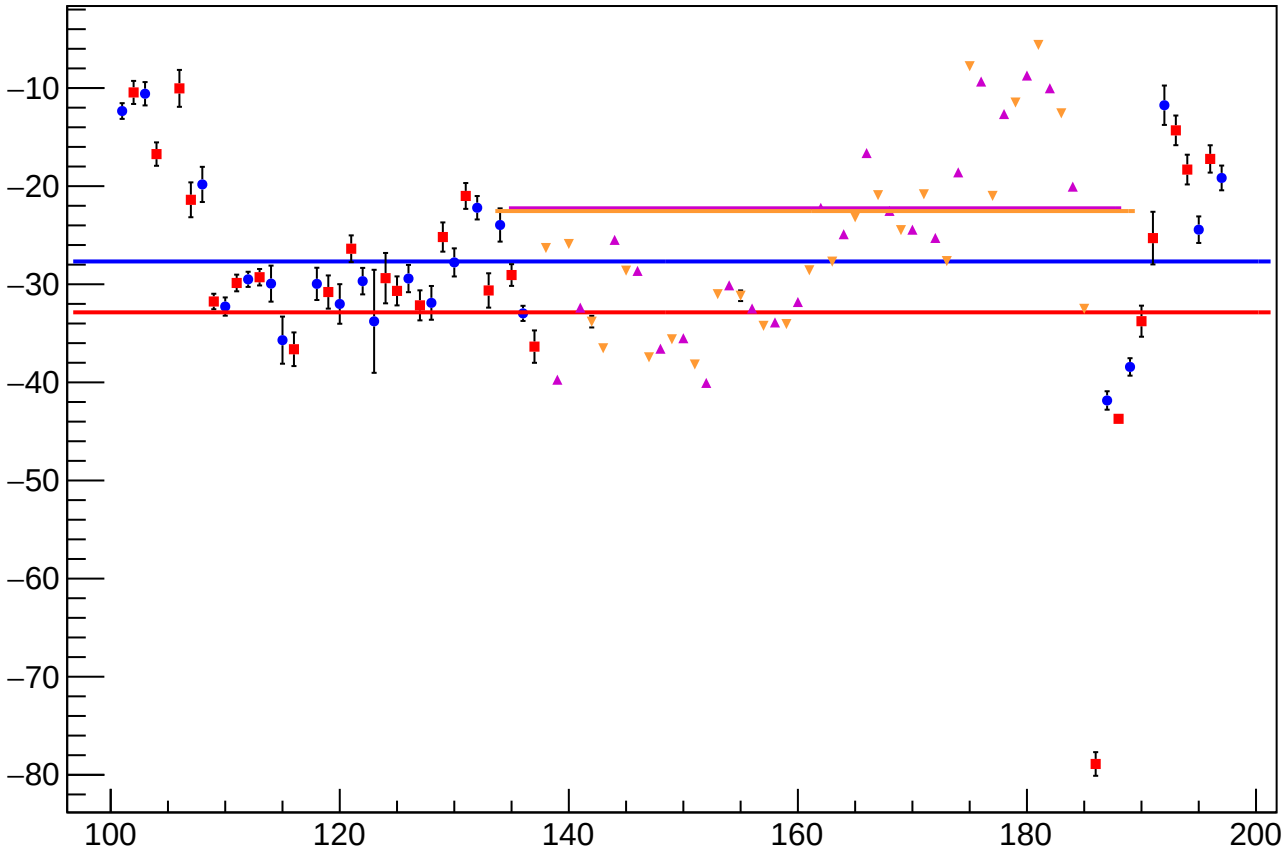
Left In: 3.755+/-0.056 χ^2/NDF:5655.2/22

+ sign 3.501+/-0.053 χ^2/NDF: 8210.5/46

All: 3.474+/-0.038 χ^2/NDF: 14939.2/94

- sign 3.447+/-0.053 χ^2/NDF: 6728.2/47

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -27.675+/-0.259 χ^2/NDF: 1211.2/21

Left Out: -22.540+/-0.071 χ^2/NDF:19751.6/24

Right Out: -32.862+/-0.228 χ^2/NDF: 3389.1/24

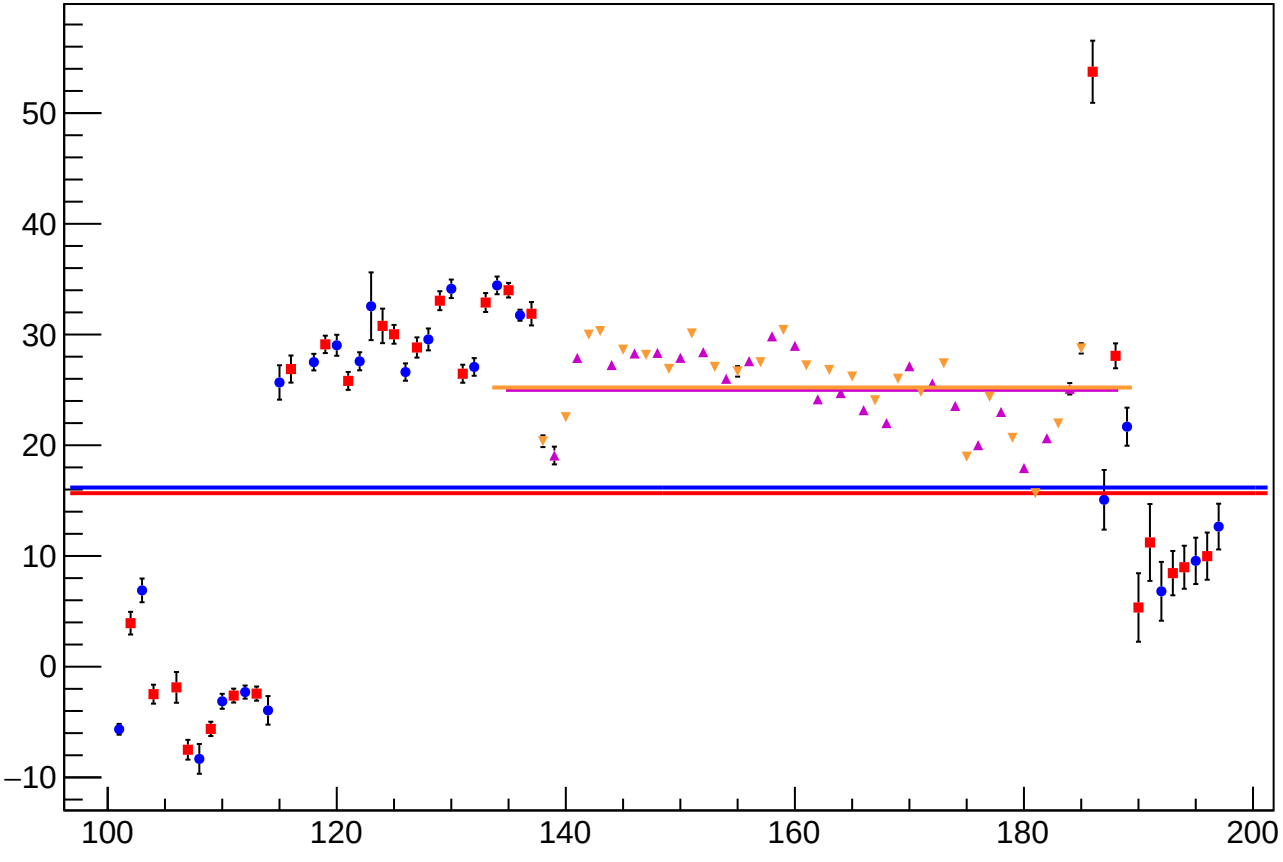
Left In: -22.258+/-0.071 χ^2/NDF:17838.4/22

+ sign -22.898+/-0.068 χ^2/NDF: 21329.9/46

All: -23.050+/-0.048 χ^2/NDF: 44532.2/94

- sign -23.200+/-0.068 χ^2/NDF: 23192.5/47

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.182+/-0.187 χ^2/NDF: 7647.2/21

Left Out: 25.216+/-0.063 χ^2/NDF:3738.3/24

Right Out: 15.672+/-0.190 χ^2/NDF: 7620.9/24

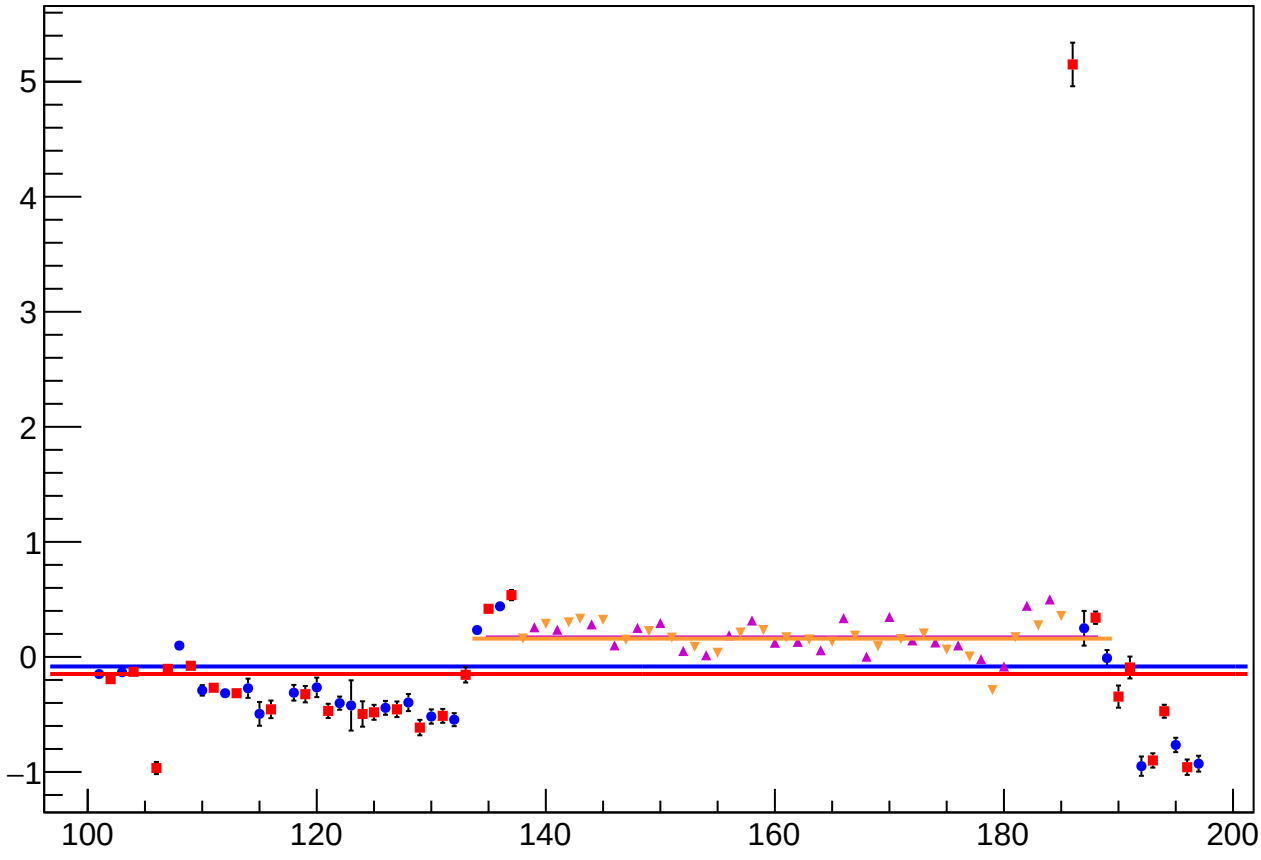
Left In: 25.005+/-0.064 χ^2/NDF:2733.7/22

+ sign 24.305+/-0.059 χ^2/NDF: 13475.9/46

All: 24.189+/-0.042 χ^2/NDF: 25998.2/94

- sign 24.068+/-0.060 χ^2/NDF: 12514.5/47

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.083+/-0.010 χ^2/NDF: 1417.6/21

Left Out: 0.159+/-0.003 χ^2/NDF:1856.8/24

Right Out: -0.148+/-0.010 χ^2/NDF: 2362.0/24

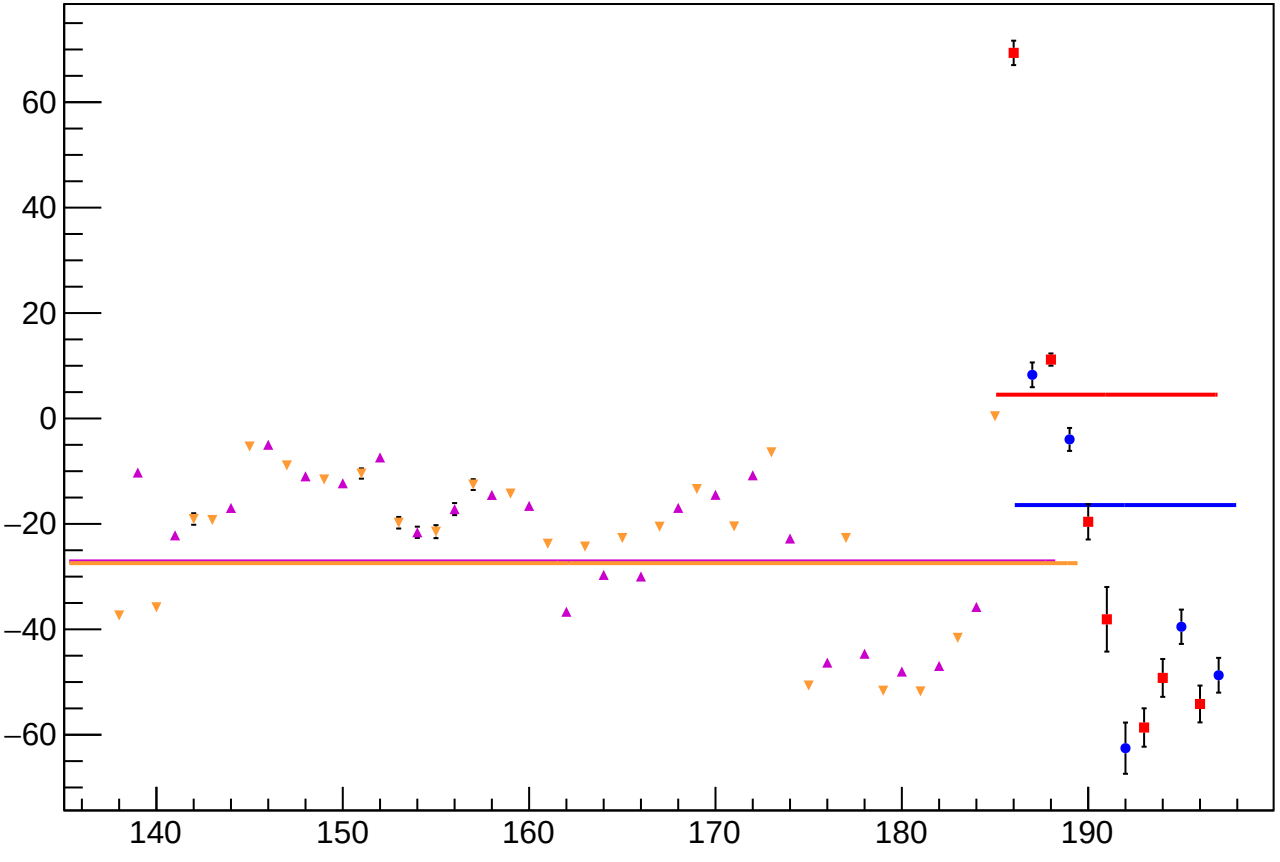
Left In: 0.169+/-0.003 χ^2/NDF:2430.7/22

+ sign 0.140+/-0.003 χ^2/NDF: 3828.8/46

All: 0.141+/-0.002 χ^2/NDF: 9608.2/94

- sign 0.143+/-0.003 χ^2/NDF: 5778.9/47

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -16.425+/-1.270 χ^2/NDF: 379.3/4

Left Out: -27.447+/-0.137 χ^2/NDF:14820.6/24

Right Out: 4.515+/-0.884 χ^2/NDF: 1722.4/6

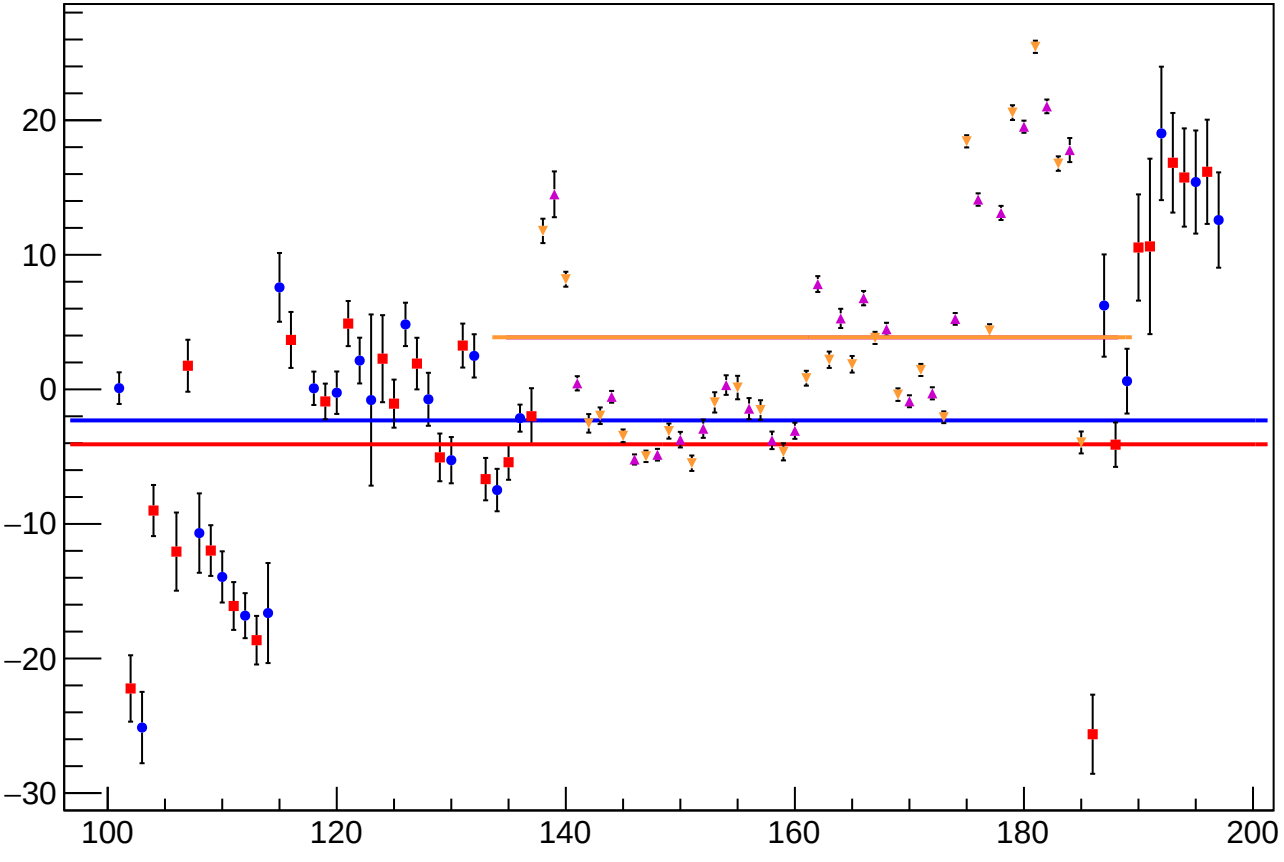
Left In: -27.114+/-0.139 χ^2/NDF:11443.8/22

+ sign -27.320+/-0.136 χ^2/NDF: 15274.4/29

All: -26.840+/-0.097 χ^2/NDF: 29713.8/59

- sign -26.355+/-0.137 χ^2/NDF: 14414.4/29

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -2.307+/-0.394 χ^2/NDF: 348.0/21

Left Out: 3.873+/-0.109 χ^2/NDF:6906.0/24

Right Out: -4.082+/-0.399 χ^2/NDF: 457.1/24

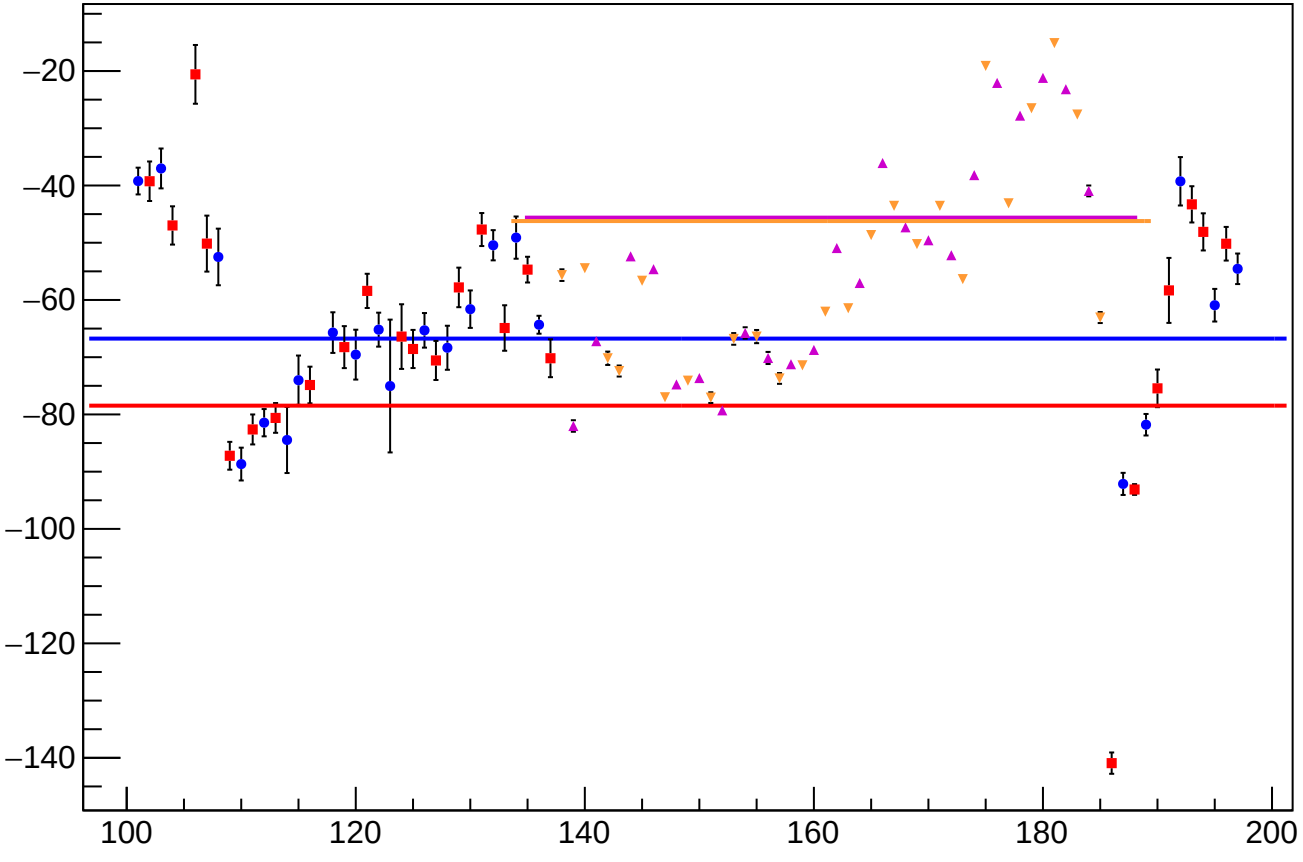
Left In: 3.861+/-0.111 χ^2/NDF:5438.4/22

+ sign 3.429+/-0.105 χ^2/NDF: 7482.7/46

All: 3.362+/-0.075 χ^2/NDF: 13746.3/94

- sign 3.293+/-0.107 χ^2/NDF: 6262.8/47

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -66.749+/-0.608 χ^2/NDF: 700.2/21

Left Out: -46.213+/-0.138 χ^2/NDF:19981.0/24

Right Out: -78.466+/-0.525 χ^2/NDF: 2432.2/24

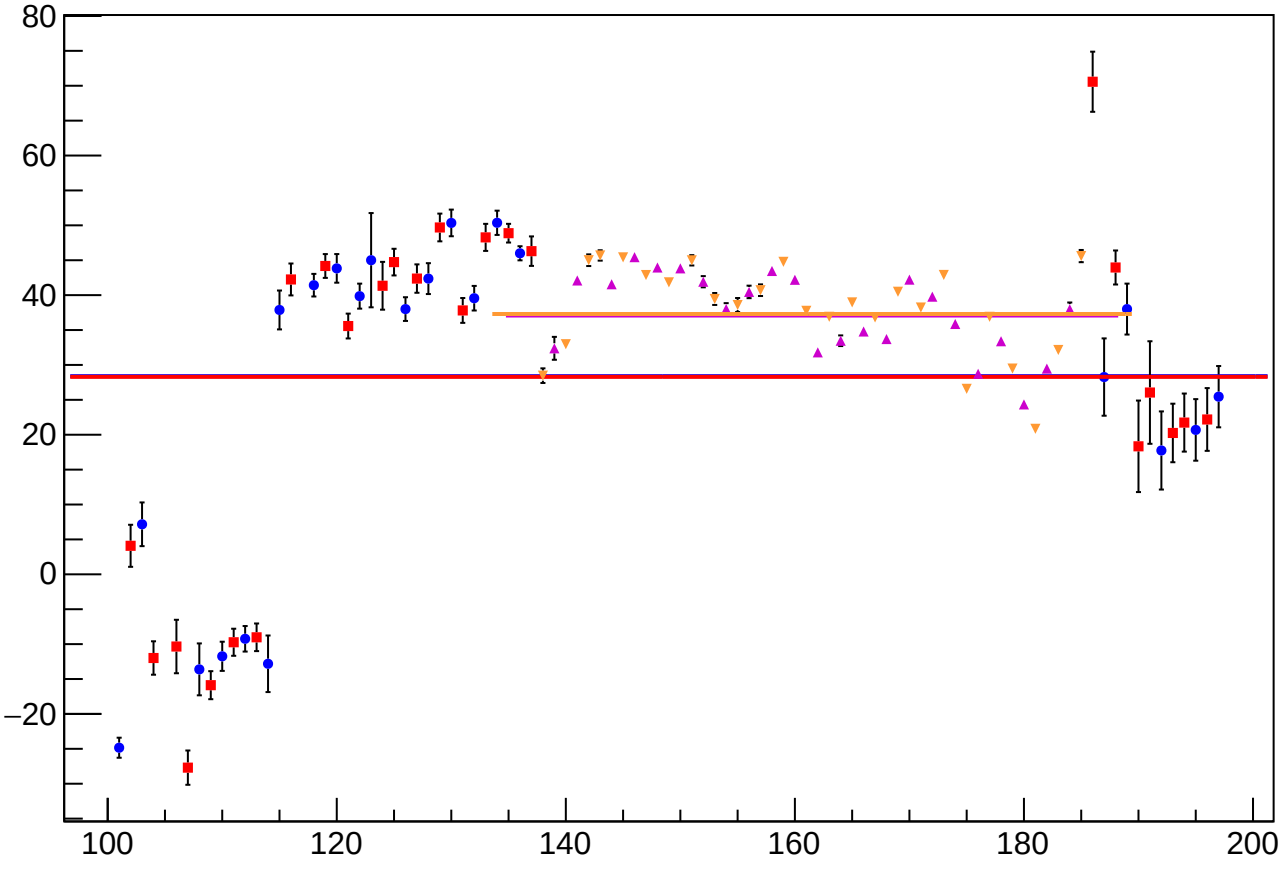
Left In: -45.616+/-0.139 χ^2/NDF:17743.8/22

+ sign -47.222+/-0.135 χ^2/NDF: 21766.8/46

All: -47.496+/-0.095 χ^2/NDF: 45605.7/94

- sign -47.770+/-0.135 χ^2/NDF: 23830.7/47

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.389+/-0.446 χ^2/NDF: 3344.3/21

Left Out: 37.298+/-0.123 χ^2/NDF:3113.0/24

Right Out: 28.294+/-0.457 χ^2/NDF: 3178.2/24

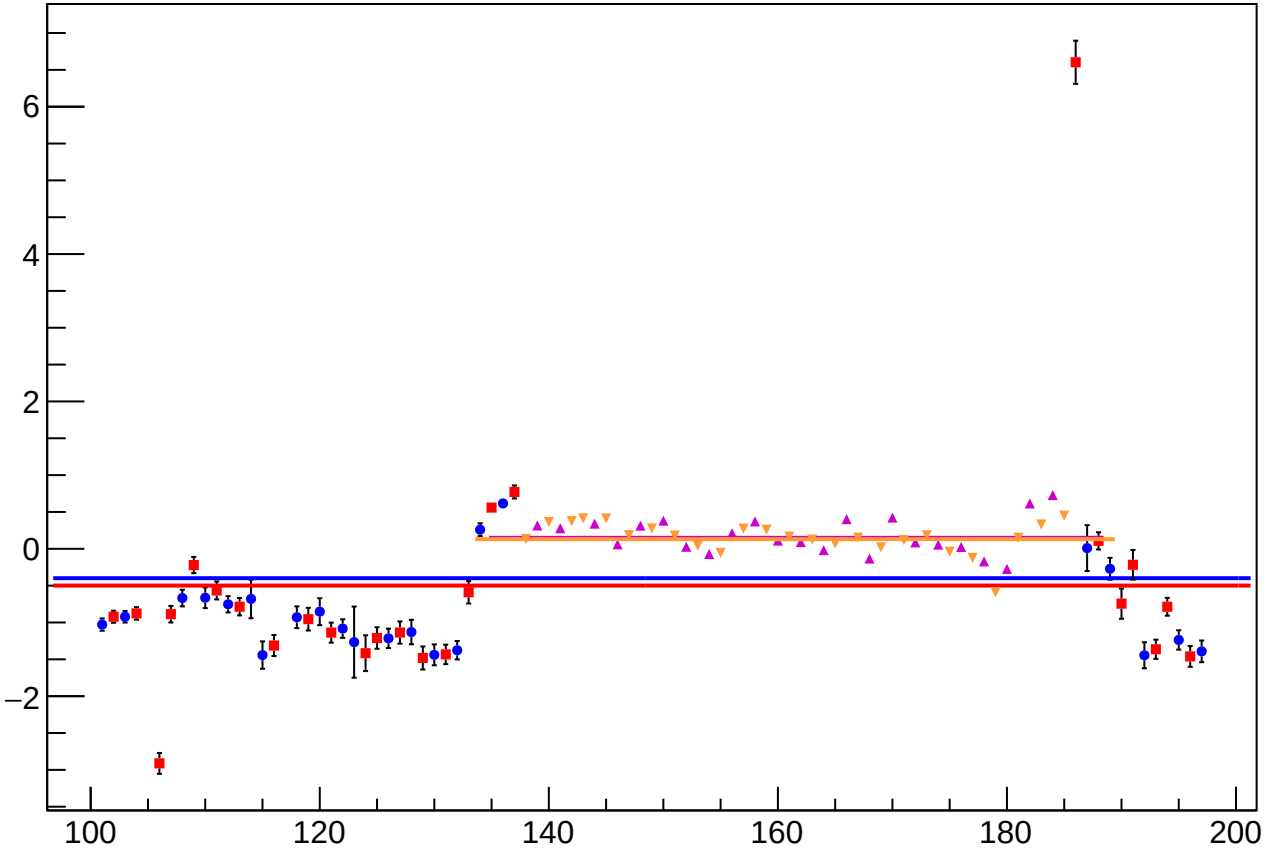
Left In: 37.079+/-0.125 χ^2/NDF:2405.4/22

+ sign 36.667+/-0.119 χ^2/NDF: 6828.2/46

All: 36.570+/-0.084 χ^2/NDF: 12756.9/94

- sign 36.471+/-0.120 χ^2/NDF: 5927.4/47

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.399+/-0.024 χ^2/NDF: 1145.3/21

Left Out: 0.130+/-0.006 χ^2/NDF:1419.7/24

Right Out: -0.499+/-0.023 χ^2/NDF: 1876.6/24

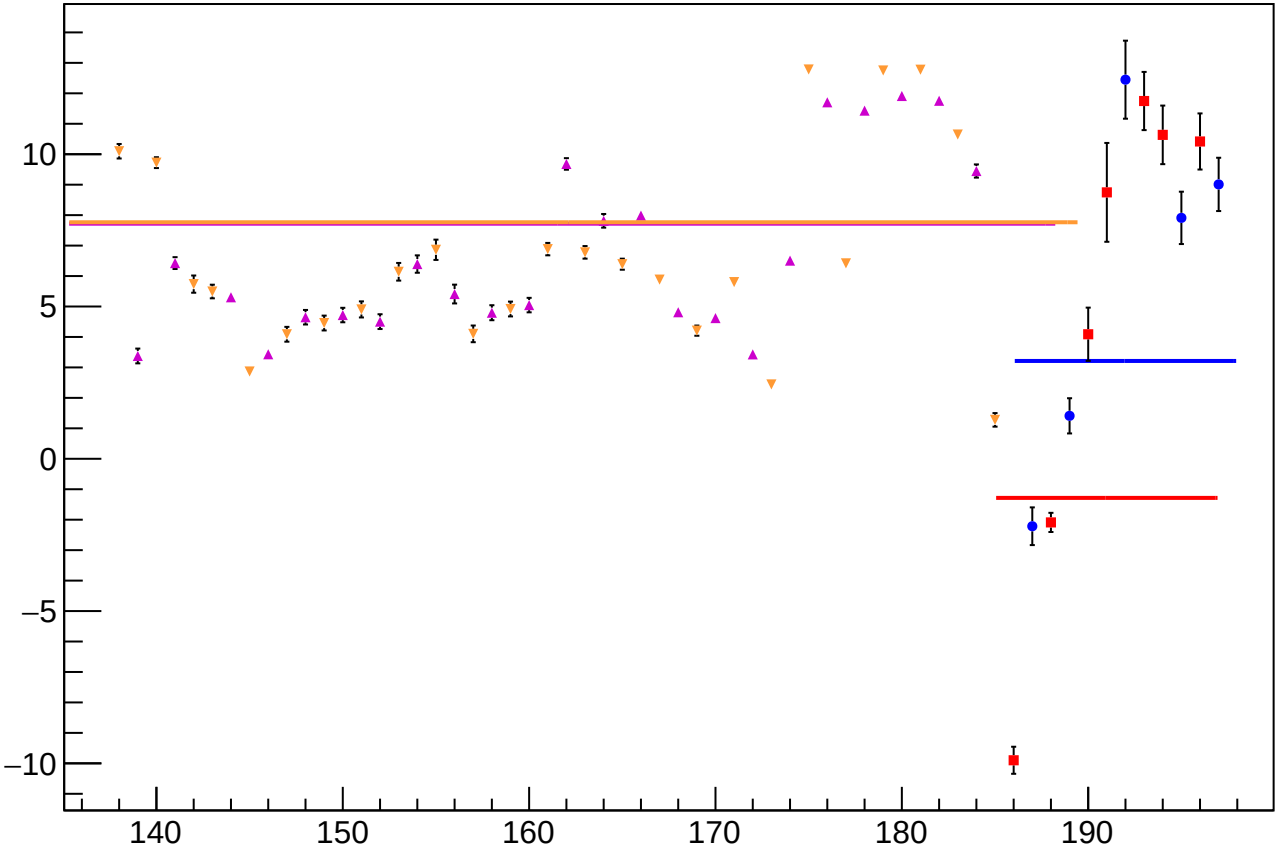
Left In: 0.149+/-0.006 χ^2/NDF:1813.7/22

+ sign 0.102+/-0.005 χ^2/NDF: 3043.2/46

All: 0.107+/-0.004 χ^2/NDF: 7455.2/94

- sign 0.113+/-0.006 χ^2/NDF: 4410.1/47

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 3.212+/-0.336 χ^2/NDF: 212.3/4

Left Out: 7.766+/-0.034 χ^2/NDF:11703.8/24

Right Out: -1.284+/-0.222 χ^2/NDF: 959.6/6

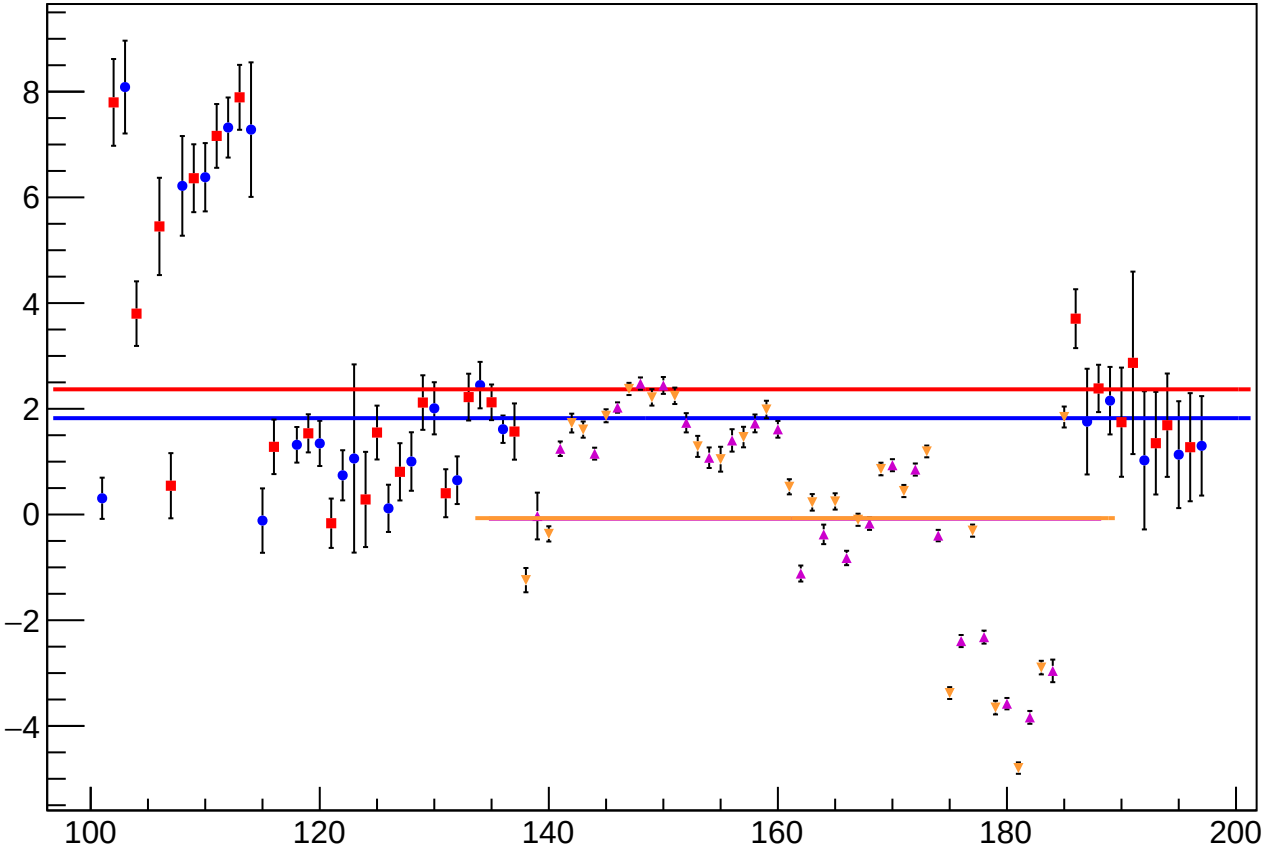
Left In: 7.719+/-0.035 χ^2/NDF:8490.5/22

+ sign 7.719+/-0.034 χ^2/NDF: 12098.2/29

All: 7.612+/-0.024 χ^2/NDF: 23167.1/59

- sign 7.503+/-0.034 χ^2/NDF: 11049.2/29

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.823+/-0.112 χ^2/NDF: 296.3/21

Left Out: -0.069+/-0.028 χ^2/NDF:6033.5/24

Right Out: 2.368+/-0.113 χ^2/NDF: 338.2/24

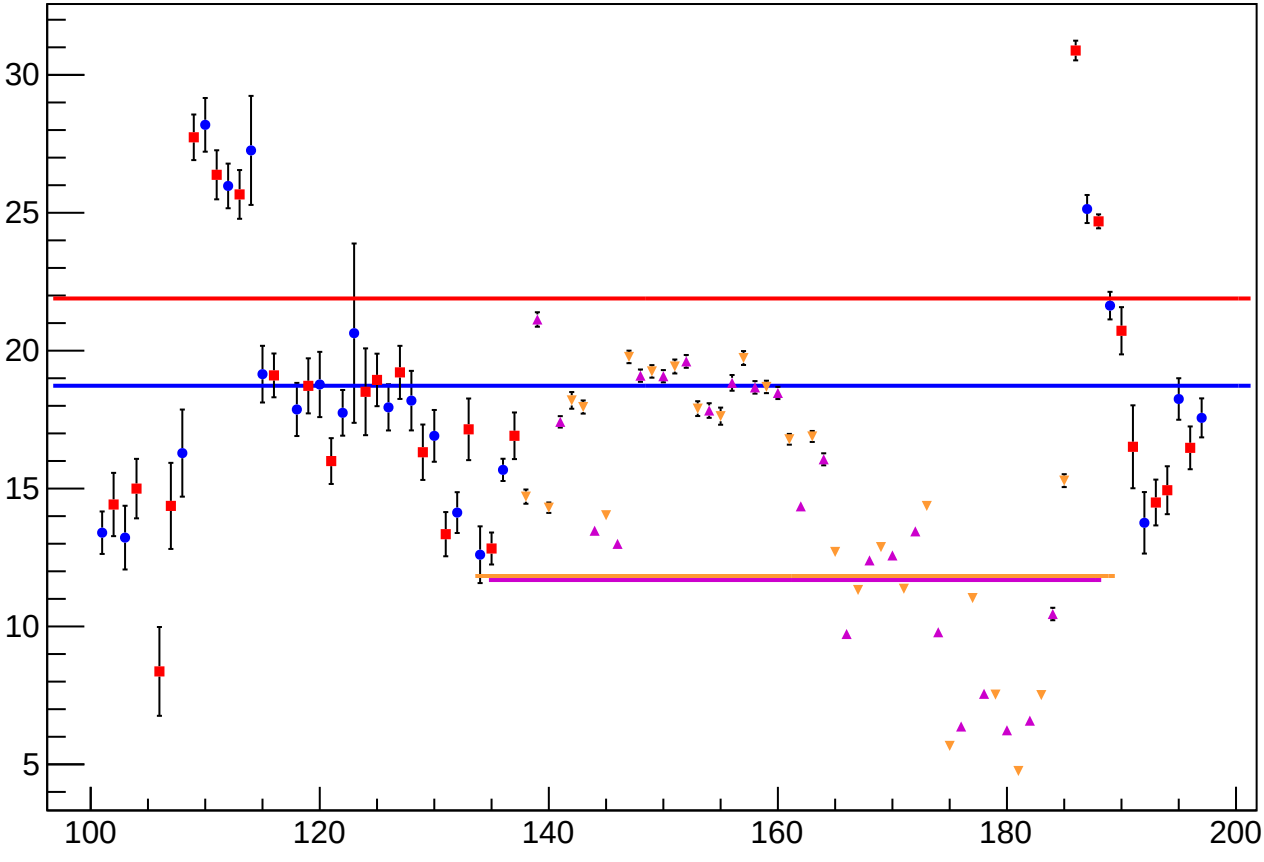
Left In: -0.079+/-0.028 χ^2/NDF:4989.1/22

+ sign 0.042+/-0.027 χ^2/NDF: 6600.6/46

All: 0.054+/-0.019 χ^2/NDF: 12373.1/94

- sign 0.065+/-0.027 χ^2/NDF: 5772.2/47

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 18.728+/-0.170 χ^2/NDF: 620.6/21

Left Out: 11.830+/-0.035 χ^2/NDF:19032.5/24

Right Out: 21.893+/-0.141 χ^2/NDF: 1769.5/24

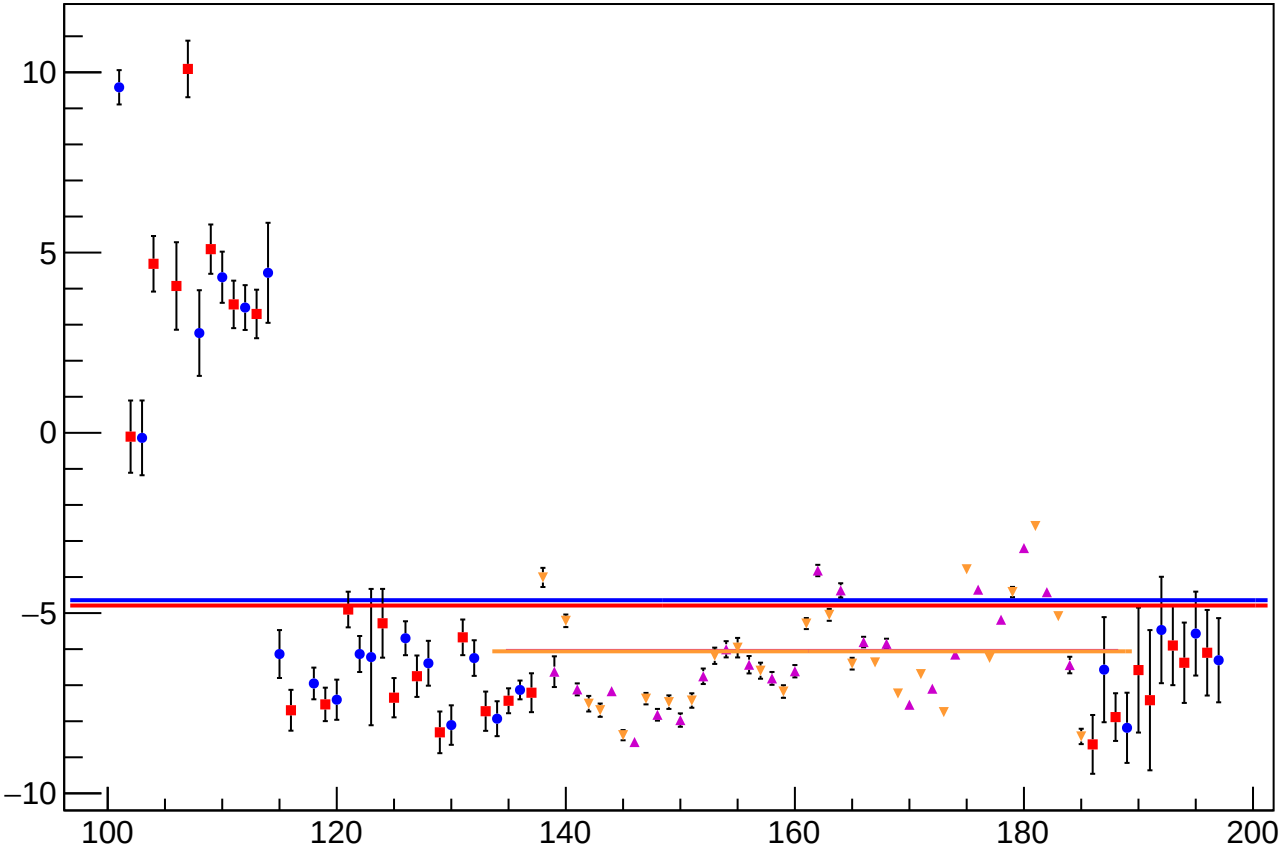
Left In: 11.683+/-0.035 χ^2/NDF:16927.3/22

+ sign 12.107+/-0.034 χ^2/NDF: 21240.1/46

All: 12.193+/-0.024 χ^2/NDF: 44894.4/94

- sign 12.278+/-0.034 χ^2/NDF: 23641.6/47

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.642+/-0.126 χ^2/NDF: 1608.9/21

Left Out: -6.061+/-0.031 χ^2/NDF:2649.3/24

Right Out: -4.790+/-0.129 χ^2/NDF: 1394.5/24

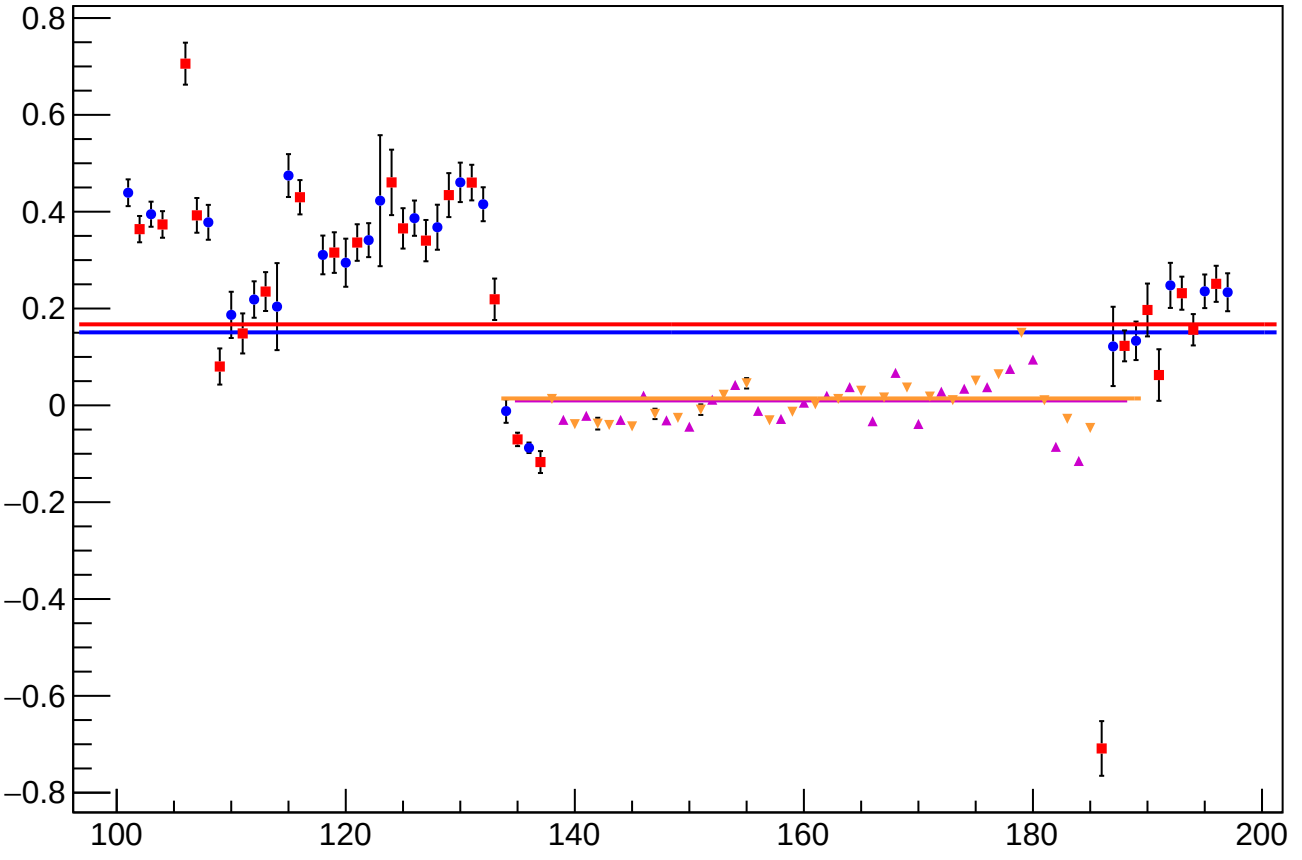
Left In: -6.050+/-0.032 χ^2/NDF:2303.3/22

+ sign -5.979+/-0.030 χ^2/NDF: 4377.8/46

All: -5.979+/-0.022 χ^2/NDF: 8165.4/94

- sign -5.979+/-0.031 χ^2/NDF: 3787.6/47

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.151+/-0.007 χ^2/NDF: 1076.6/21

Left Out: 0.014+/-0.001 χ^2/NDF:950.9/24

Right Out: 0.167+/-0.007 χ^2/NDF: 1261.8/24

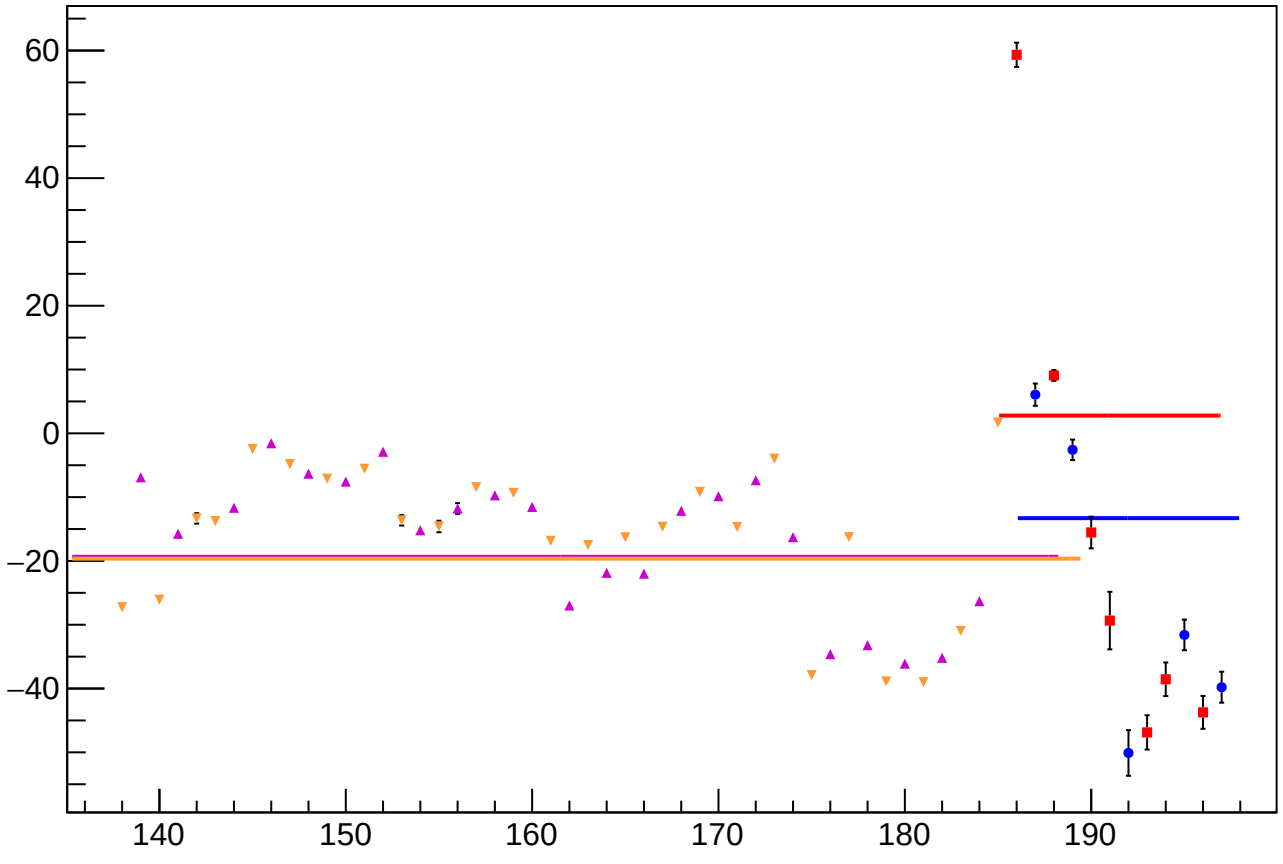
Left In: 0.010+/-0.001 χ^2/NDF:1224.5/22

+ sign 0.020+/-0.001 χ^2/NDF: 2434.2/46

All: 0.019+/-0.001 χ^2/NDF: 5459.0/94

- sign 0.017+/-0.001 χ^2/NDF: 3022.6/47

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -13.295+/-0.937 χ^2/NDF: 451.1/4

Left Out: -19.642+/-0.103 χ^2/NDF:15730.6/24

Right Out: 2.780+/-0.658 χ^2/NDF: 1959.8/6

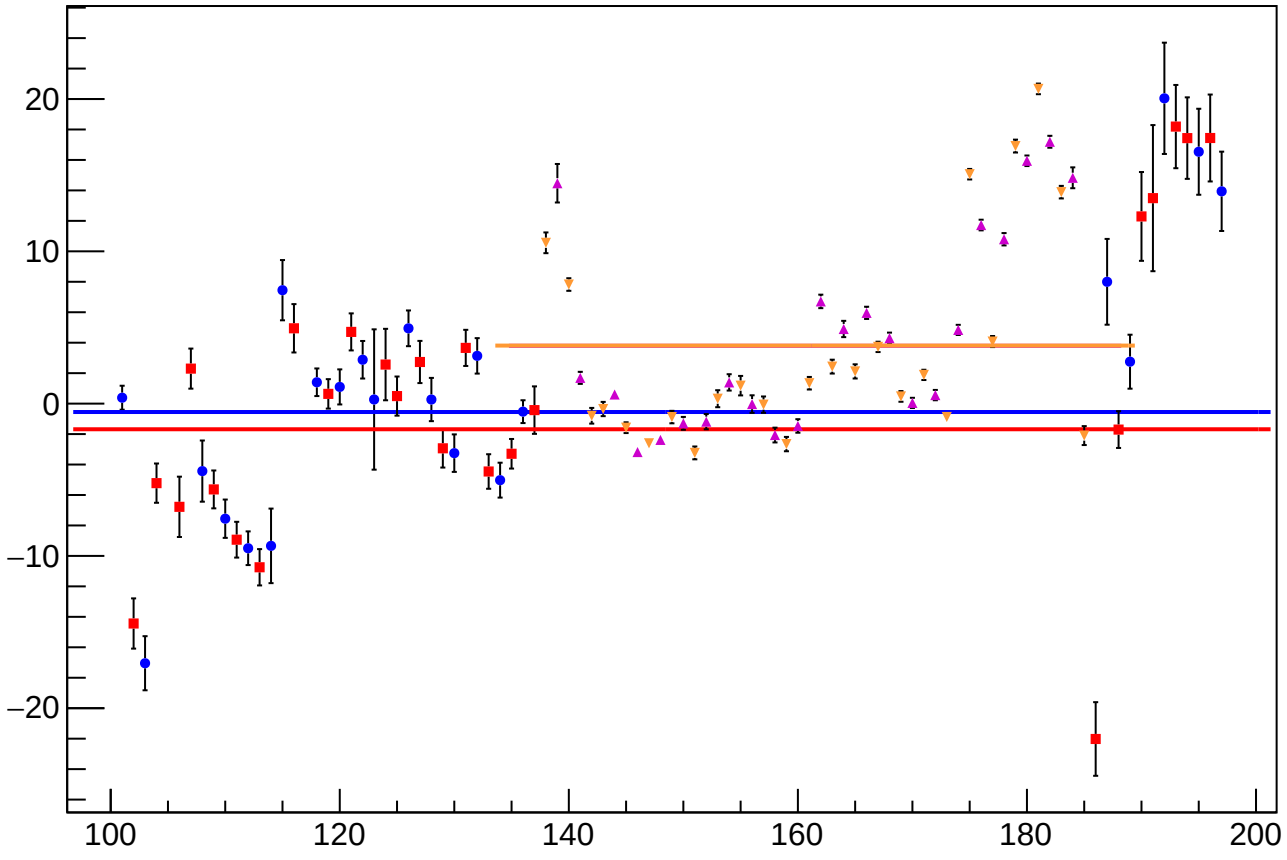
Left In: -19.355+/-0.105 χ^2/NDF:12417.1/22

+ sign -19.566+/-0.103 χ^2/NDF: 16227.1/29

All: -19.190+/-0.073 χ^2/NDF: 31736.0/59

- sign -18.809+/-0.103 χ^2/NDF: 15481.8/29

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -0.551+/-0.281 χ^2/NDF: 396.0/21

Left Out: 3.811+/-0.082 χ^2/NDF:7118.3/24

Right Out: -1.684+/-0.285 χ^2/NDF: 539.4/24

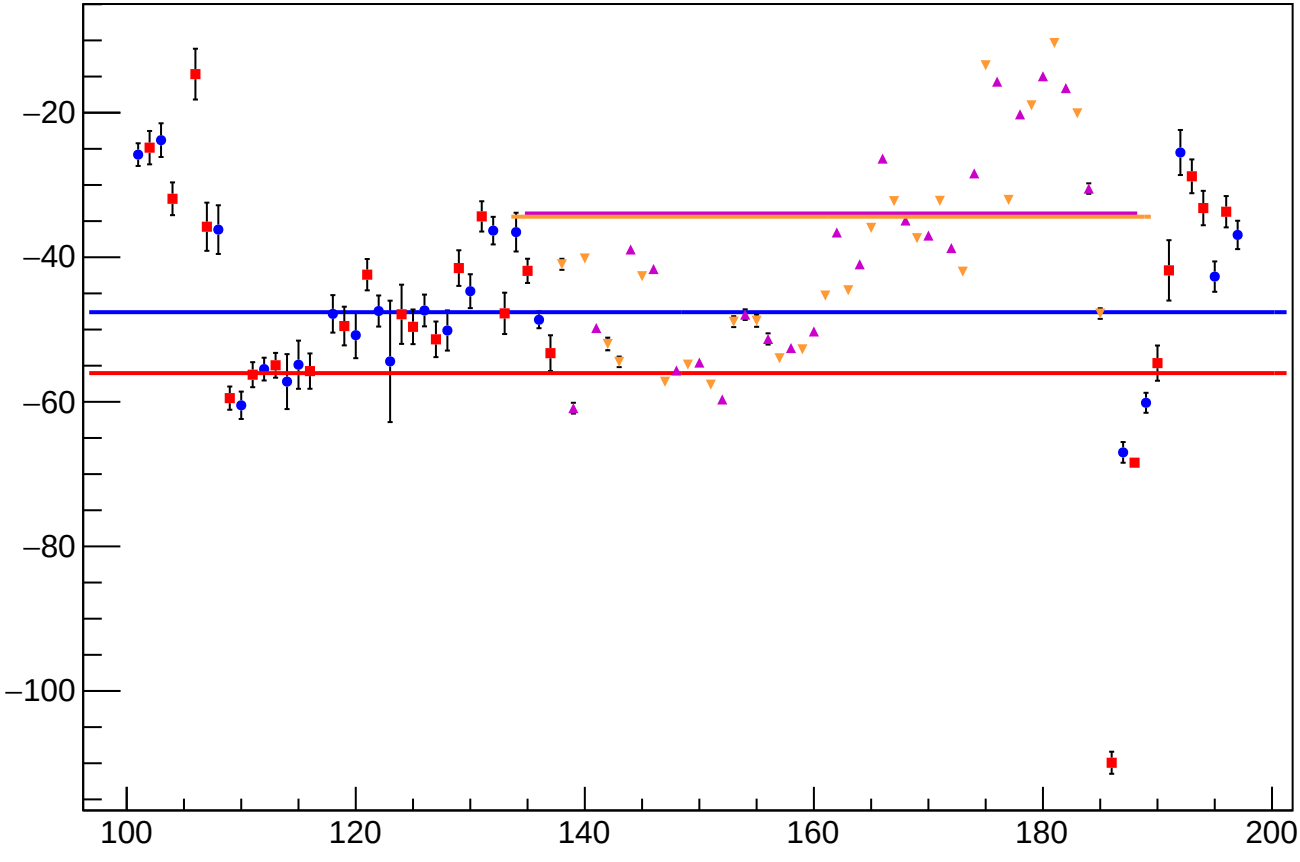
Left In: 3.795+/-0.083 χ^2/NDF:5534.4/22

+ sign 3.466+/-0.079 χ^2/NDF: 7736.5/46

All: 3.415+/-0.056 χ^2/NDF: 14152.1/94

- sign 3.363+/-0.080 χ^2/NDF: 6414.8/47

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -47.599+/-0.436 χ^2/NDF: 798.8/21

Left Out: -34.389+/-0.104 χ^2/NDF:20032.2/24

Right Out: -56.028+/-0.380 χ^2/NDF: 2678.0/24

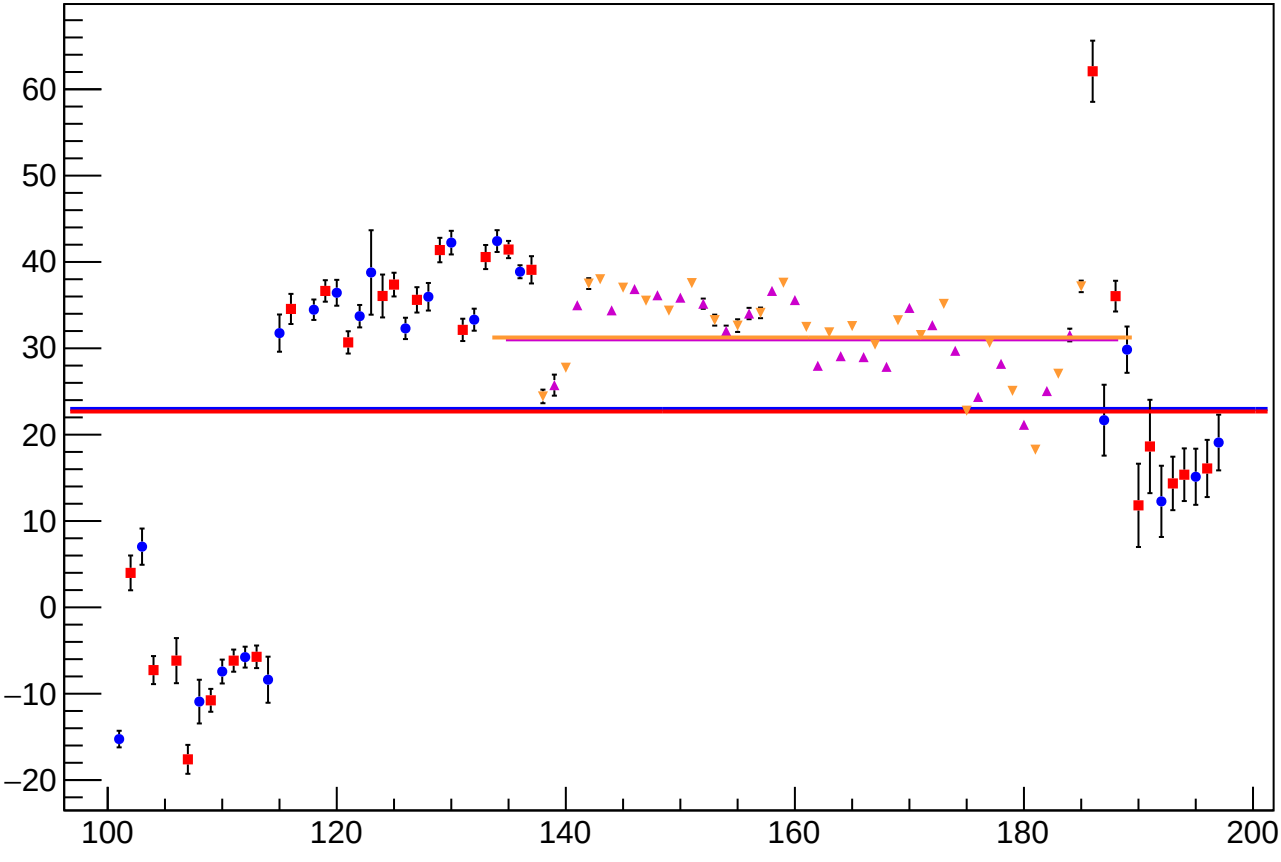
Left In: -33.946+/-0.105 χ^2/NDF:17855.4/22

+ sign -35.102+/-0.101 χ^2/NDF: 21699.8/46

All: -35.306+/-0.072 χ^2/NDF: 45380.1/94

- sign -35.509+/-0.101 χ^2/NDF: 23672.3/47

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 22.981+/-0.319 χ^2/NDF: 4366.7/21

Left Out: 31.252+/-0.093 χ^2/NDF:3305.3/24

Right Out: 22.683+/-0.326 χ^2/NDF: 4231.6/24

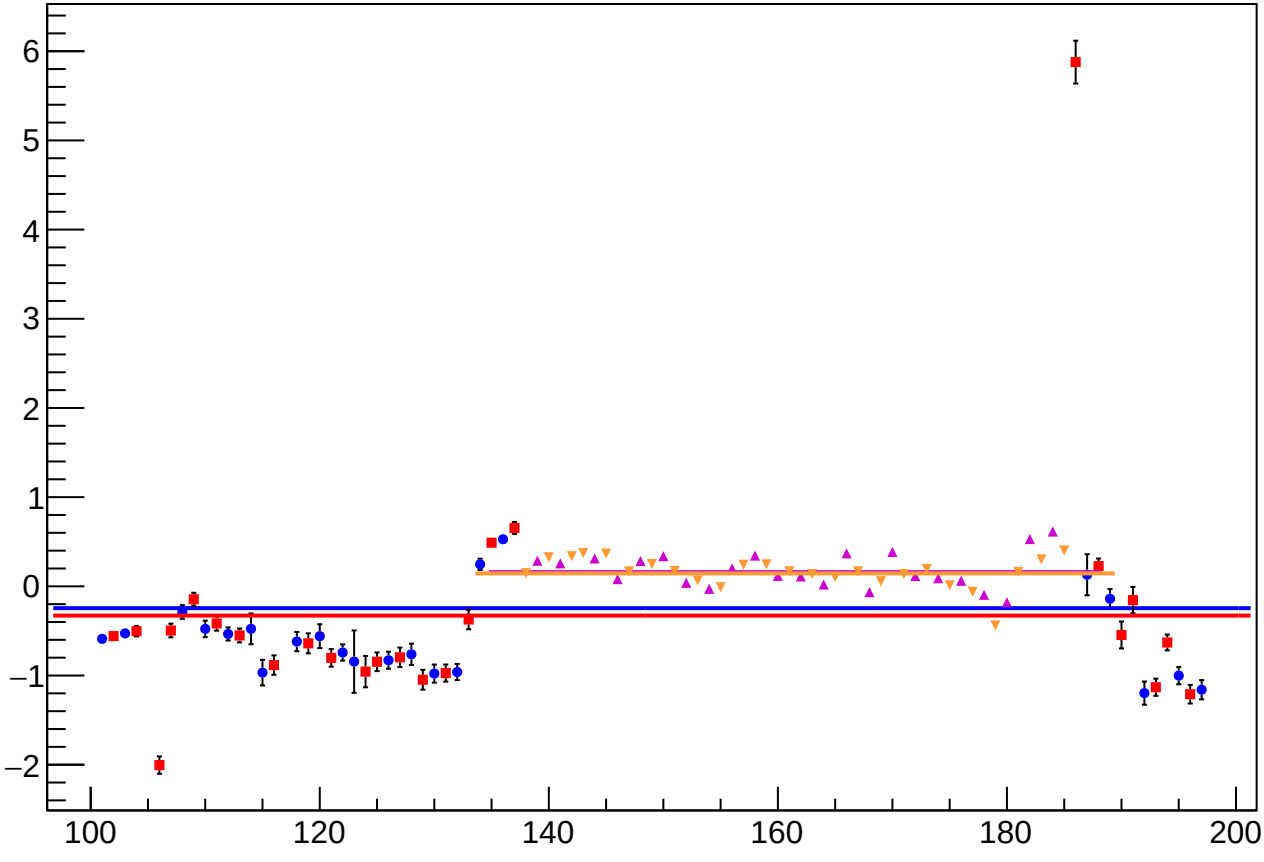
Left In: 31.040+/-0.094 χ^2/NDF:2488.6/22

+ sign 30.608+/-0.089 χ^2/NDF: 8293.9/46

All: 30.506+/-0.063 χ^2/NDF: 15624.2/94

- sign 30.400+/-0.090 χ^2/NDF: 7327.5/47

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.245+/-0.017 χ^2/NDF: 1200.2/21

Left Out: 0.145+/-0.004 χ^2/NDF:1572.6/24

Right Out: -0.328+/-0.017 χ^2/NDF: 2044.5/24

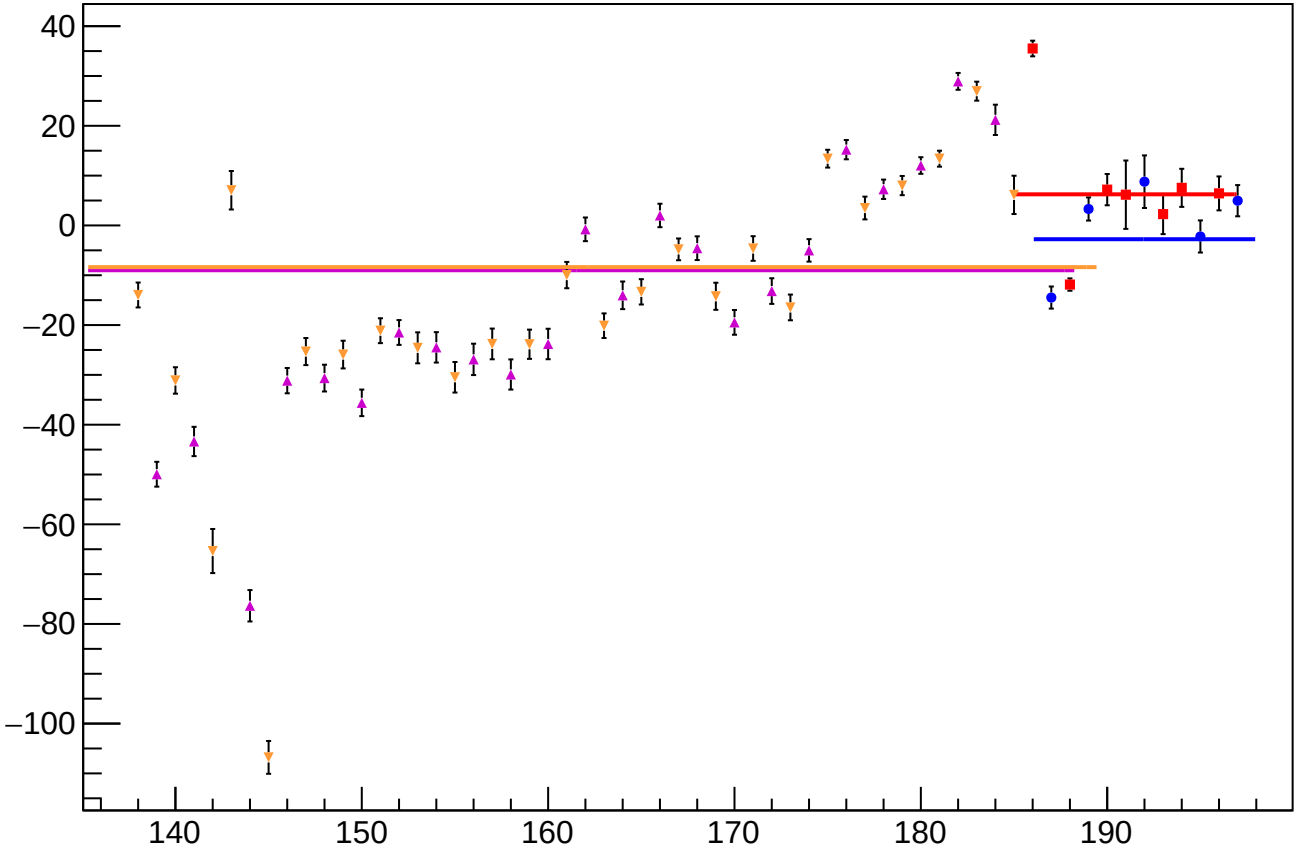
Left In: 0.159+/-0.004 χ^2/NDF:2020.5/22

+ sign 0.121+/-0.004 χ^2/NDF: 3277.5/46

All: 0.125+/-0.003 χ^2/NDF: 8142.0/94

- sign 0.129+/-0.004 χ^2/NDF: 4862.9/47

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -2.767+/-1.268 χ^2/NDF: 45.5/4

Left Out: -8.375+/-0.500 χ^2/NDF:2224.0/24

Right Out: 6.245+/-0.846 χ^2/NDF: 562.1/6

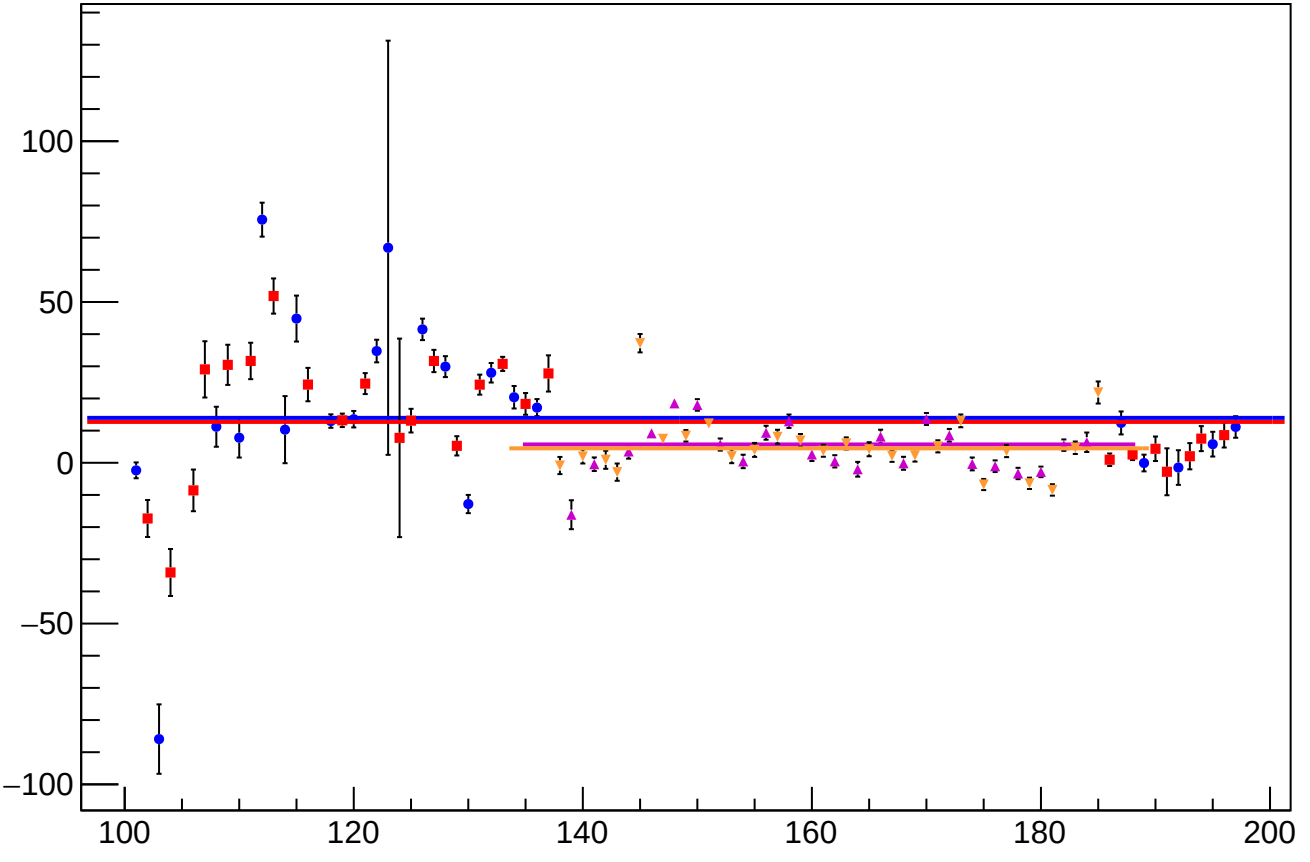
Left In: -8.995+/-0.505 χ^2/NDF:2308.2/22

+ sign -7.620+/-0.465 χ^2/NDF: 2286.5/29

All: -6.214+/-0.317 χ^2/NDF: 5413.0/59

- sign -4.992+/-0.434 χ^2/NDF: 3109.5/29

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 13.969+/-0.743 χ^2/NDF: 571.5/21

Left Out: 4.494+/-0.393 χ^2/NDF:372.1/24

Right Out: 12.709+/-0.688 χ^2/NDF: 389.1/24

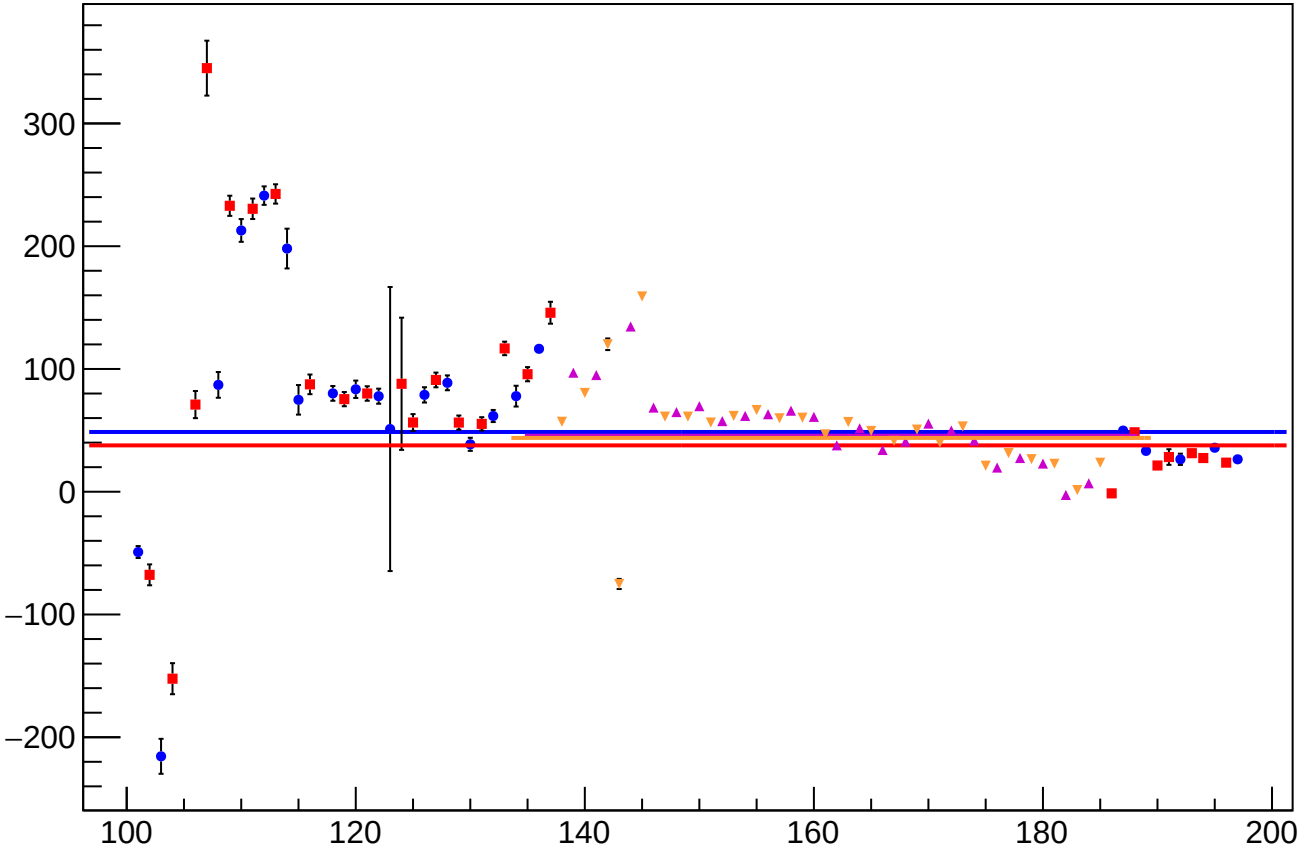
Left In: 5.699+/-0.403 χ^2/NDF:329.1/22

+ sign 6.562+/-0.347 χ^2/NDF: 1070.7/46

All: 7.027+/-0.246 χ^2/NDF: 1869.8/94

- sign 7.493+/-0.348 χ^2/NDF: 795.5/47

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 48.683+/-0.889 χ^2/NDF: 2442.6/21

Left Out: 43.840+/-0.499 χ^2/NDF:3680.9/24

Right Out: 37.753+/-0.646 χ^2/NDF: 4193.0/24

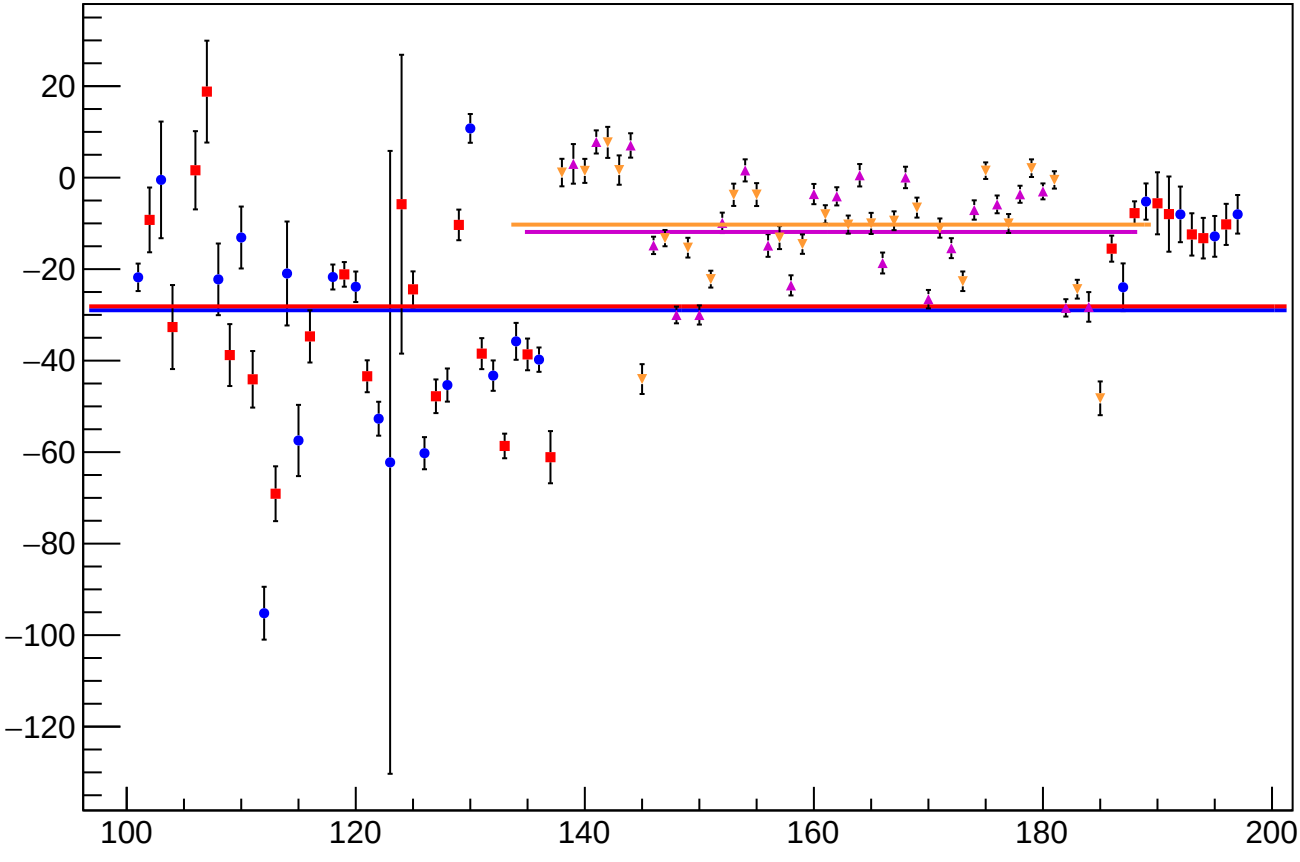
Left In: 45.559+/-0.502 χ^2/NDF:3152.4/22

+ sign 45.000+/-0.435 χ^2/NDF: 6146.1/46

All: 43.697+/-0.293 χ^2/NDF: 13598.9/94

- sign 42.616+/-0.397 χ^2/NDF: 7436.4/47

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -28.984+/-0.879 χ^2/NDF: 596.8/21

Left Out: -10.267+/-0.445 χ^2/NDF:553.7/24

Right Out: -28.132+/-0.843 χ^2/NDF: 496.7/24

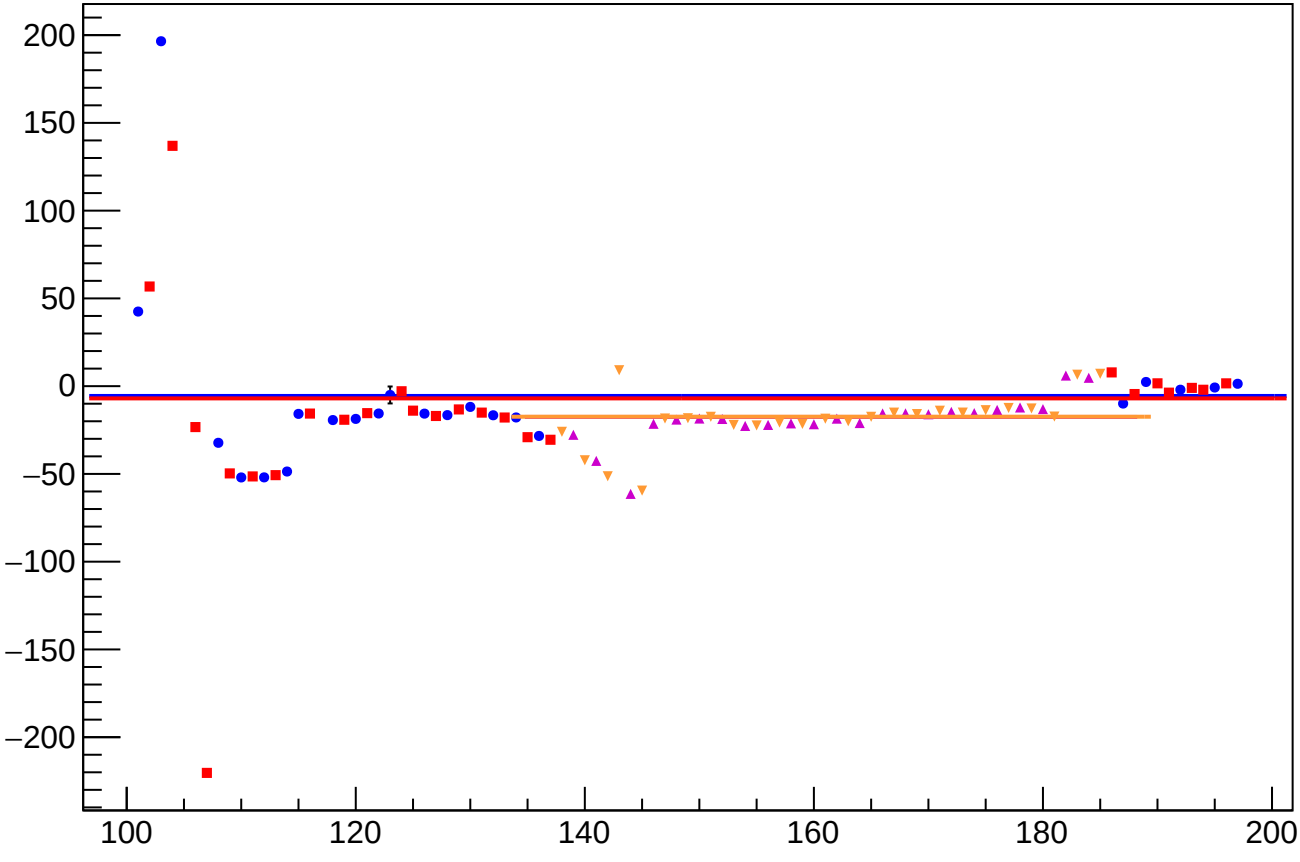
Left In: -11.875+/-0.455 χ^2/NDF:668.4/22

+ sign -14.082+/-0.397 χ^2/NDF: 1511.2/46

All: -14.803+/-0.282 χ^2/NDF: 2970.8/94

- sign -15.536+/-0.400 χ^2/NDF: 1453.0/47

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -5.585+/-0.046 χ^2/NDF: 585206.6/21

Left Out: -17.411+/-0.020 χ^2/NDF:320231.3/24

Right Out: -6.973+/-0.043 χ^2/NDF: 575822.0/24

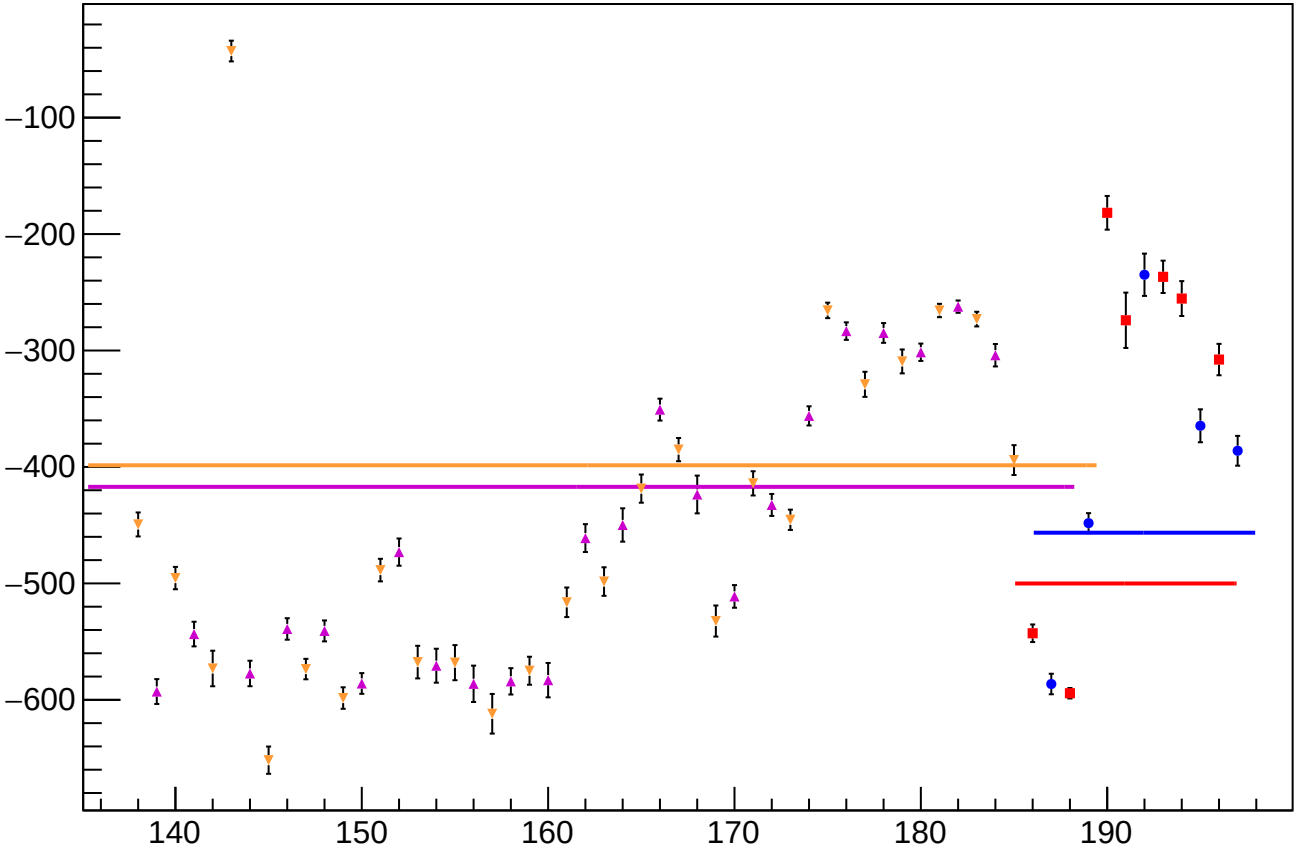
Left In: -17.552+/-0.021 χ^2/NDF:261900.3/22

+ sign -15.489+/-0.019 χ^2/NDF: 959904.0/46

All: -15.532+/-0.013 χ^2/NDF: 1846971.7/94

- sign -15.575+/-0.019 χ^2/NDF: 887057.0/47

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -456.461+/-4.964 χ^2/NDF: 439.3/4

Left Out: -398.556+/-1.962 χ^2/NDF:5659.5/24

Right Out: -500.064+/-3.353 χ^2/NDF: 1877.9/6

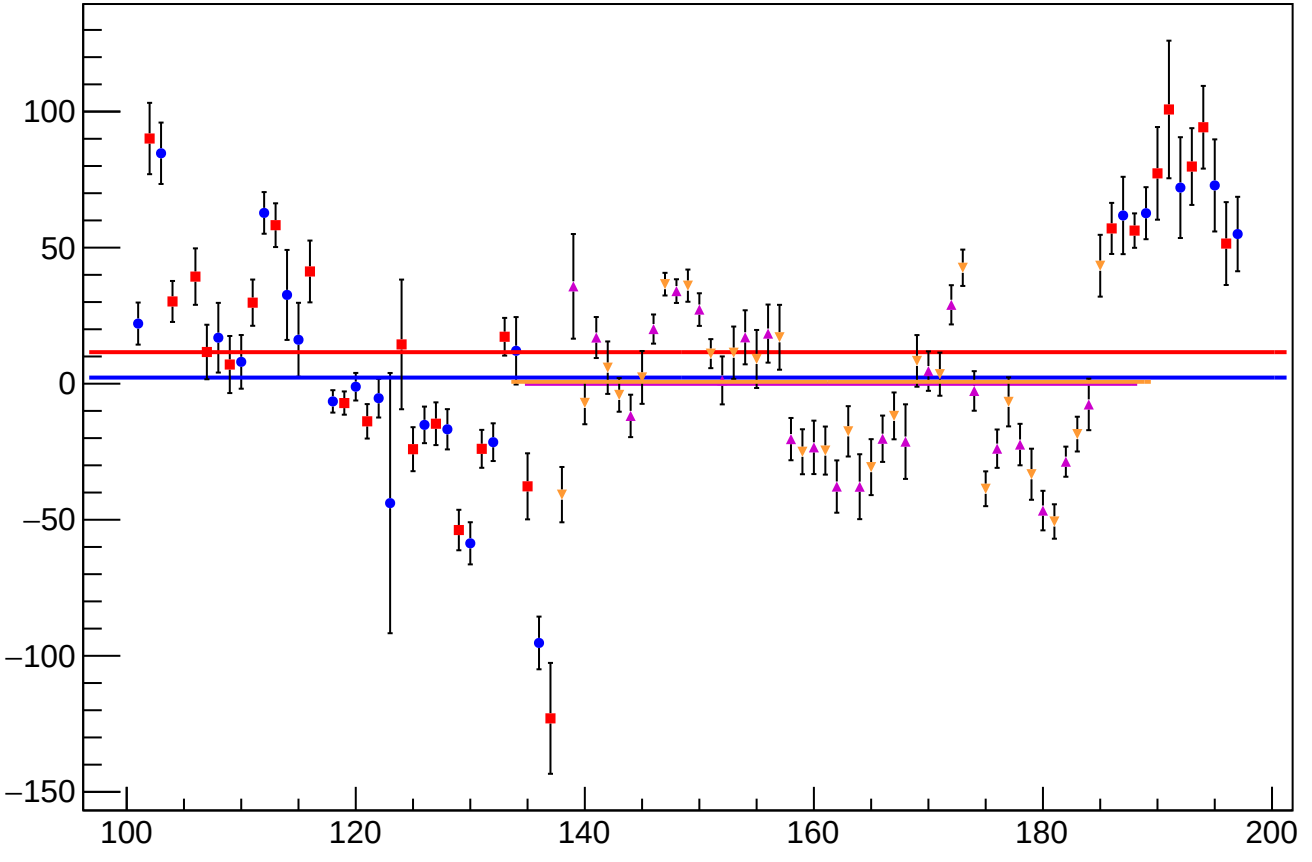
Left In: -417.080+/-1.997 χ^2/NDF:3958.5/22

+ sign -406.377+/-1.824 χ^2/NDF: 6216.5/29

All: -423.584+/-1.250 χ^2/NDF: 12672.8/59

- sign -438.804+/-1.716 χ^2/NDF: 6288.6/29

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 2.246+/-1.802 χ^2/NDF: 428.5/21

Left Out: 0.697+/-1.510 χ^2/NDF:349.9/24

Right Out: 11.585+/-1.753 χ^2/NDF: 484.9/24

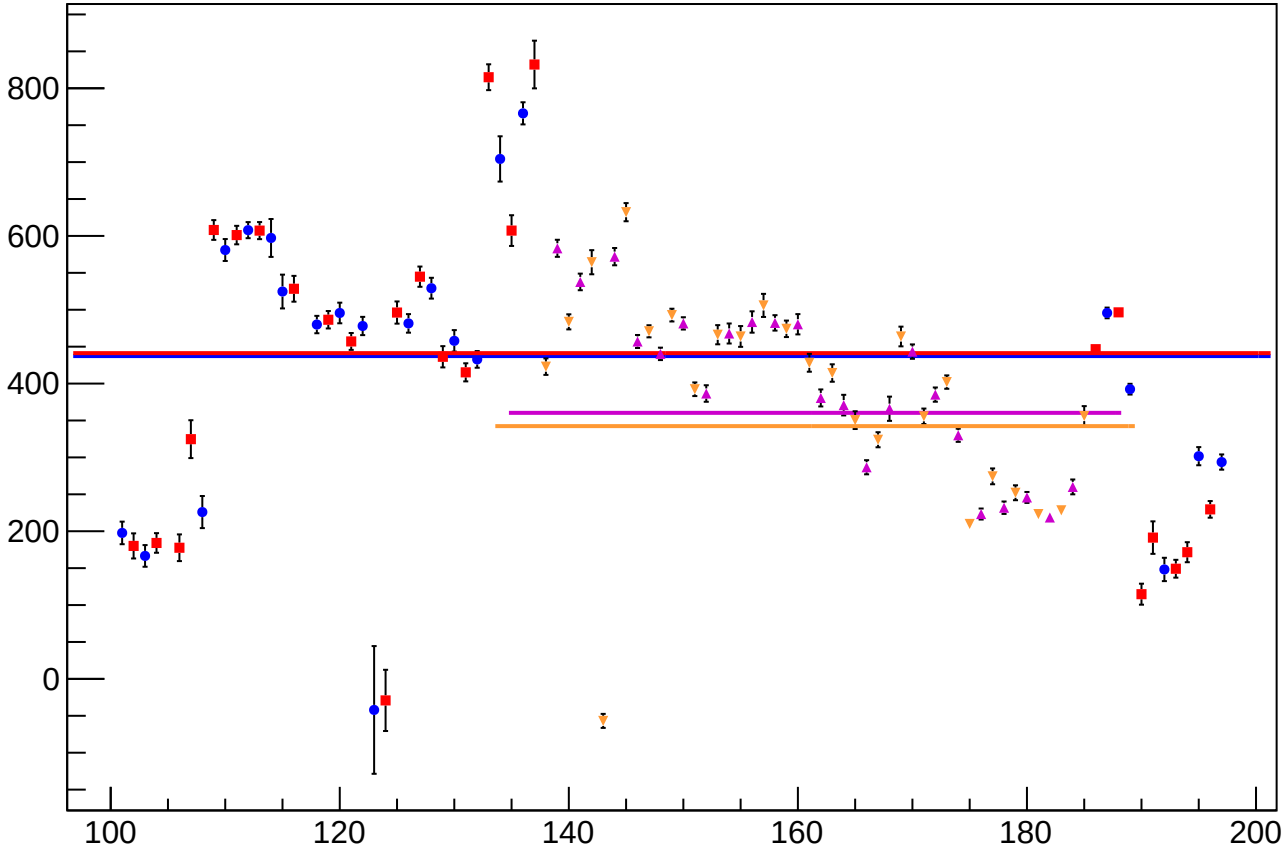
Left In: -0.052+/-1.571 χ^2/NDF:264.1/22

+ sign 1.336+/-1.157 χ^2/NDF: 778.8/46

All: 3.214+/-0.823 χ^2/NDF: 1557.6/94

- sign 5.133+/-1.170 χ^2/NDF: 773.4/47

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 437.248+/-2.734 χ^2/NDF: 2510.7/21

Left Out: 342.368+/-1.970 χ^2/NDF:5181.7/24

Right Out: 441.242+/-2.178 χ^2/NDF: 4501.8/24

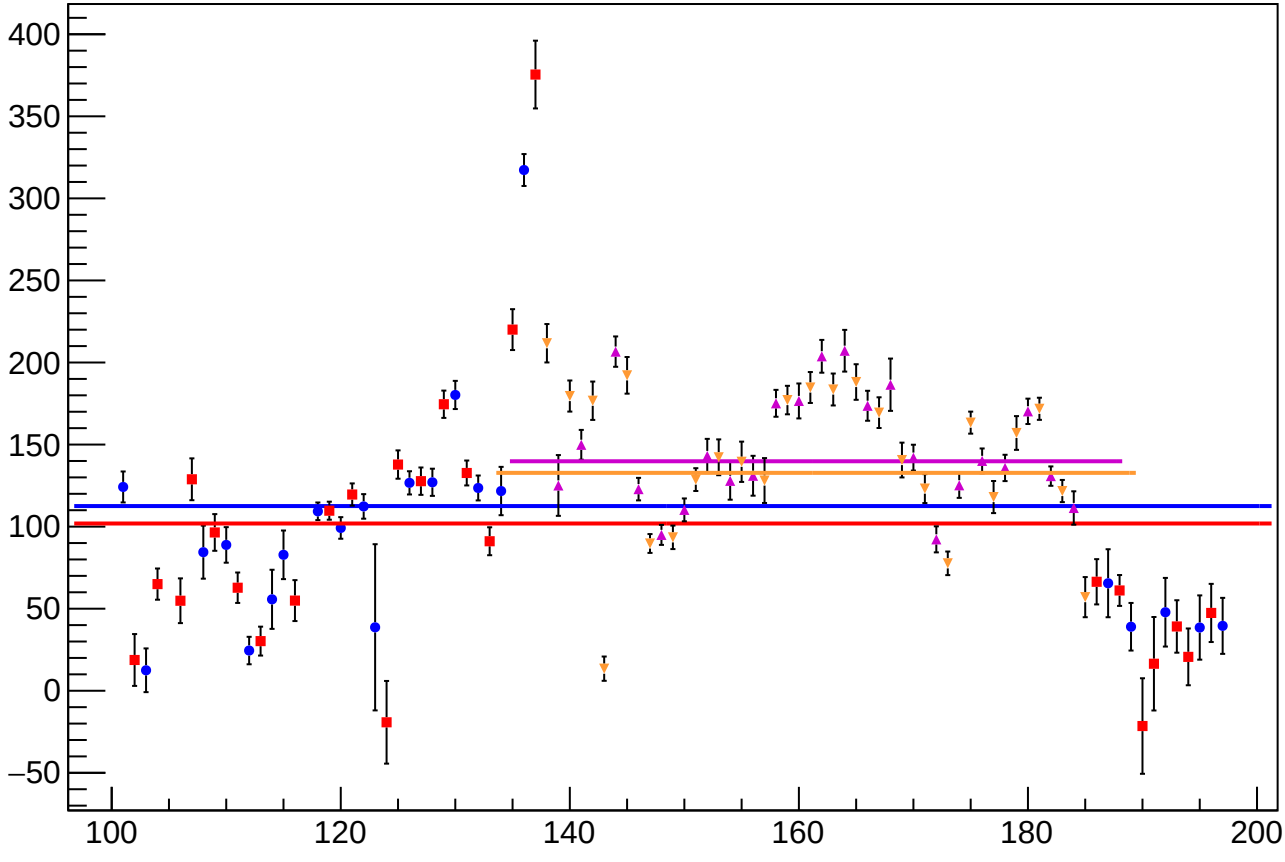
Left In: 360.355+/-1.996 χ^2/NDF:3449.9/22

+ sign 374.790+/-1.598 χ^2/NDF: 8485.3/46

All: 386.957+/-1.082 χ^2/NDF: 17293.9/94

- sign 397.269+/-1.471 χ^2/NDF: 8701.5/47

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 112.532+/-2.116 χ^2/NDF: 785.2/21

Left Out: 132.762+/-1.736 χ^2/NDF:749.6/24

Right Out: 101.908+/-2.068 χ^2/NDF: 675.7/24

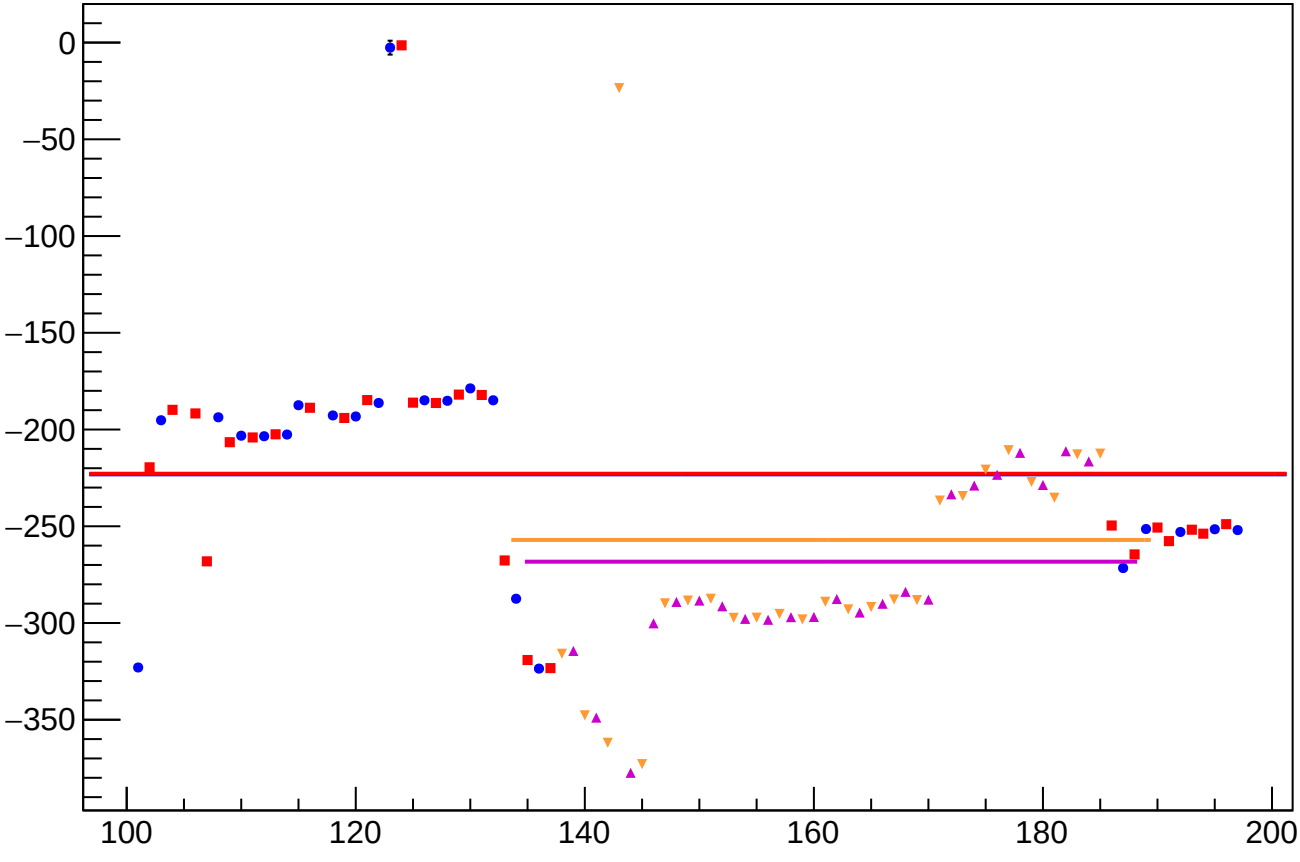
Left In: 139.828+/-1.790 χ^2/NDF:321.7/22

+ sign 124.624+/-1.342 χ^2/NDF: 1589.4/46

All: 124.114+/-0.953 χ^2/NDF: 2779.3/94

- sign 123.594+/-1.353 χ^2/NDF: 1189.6/47

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -223.163+/-0.123 χ^2/NDF: 159834.3/21

Left Out: -257.067+/-0.082 χ^2/NDF:665762.3/24

Right Out: -222.847+/-0.113 χ^2/NDF: 139712.2/24

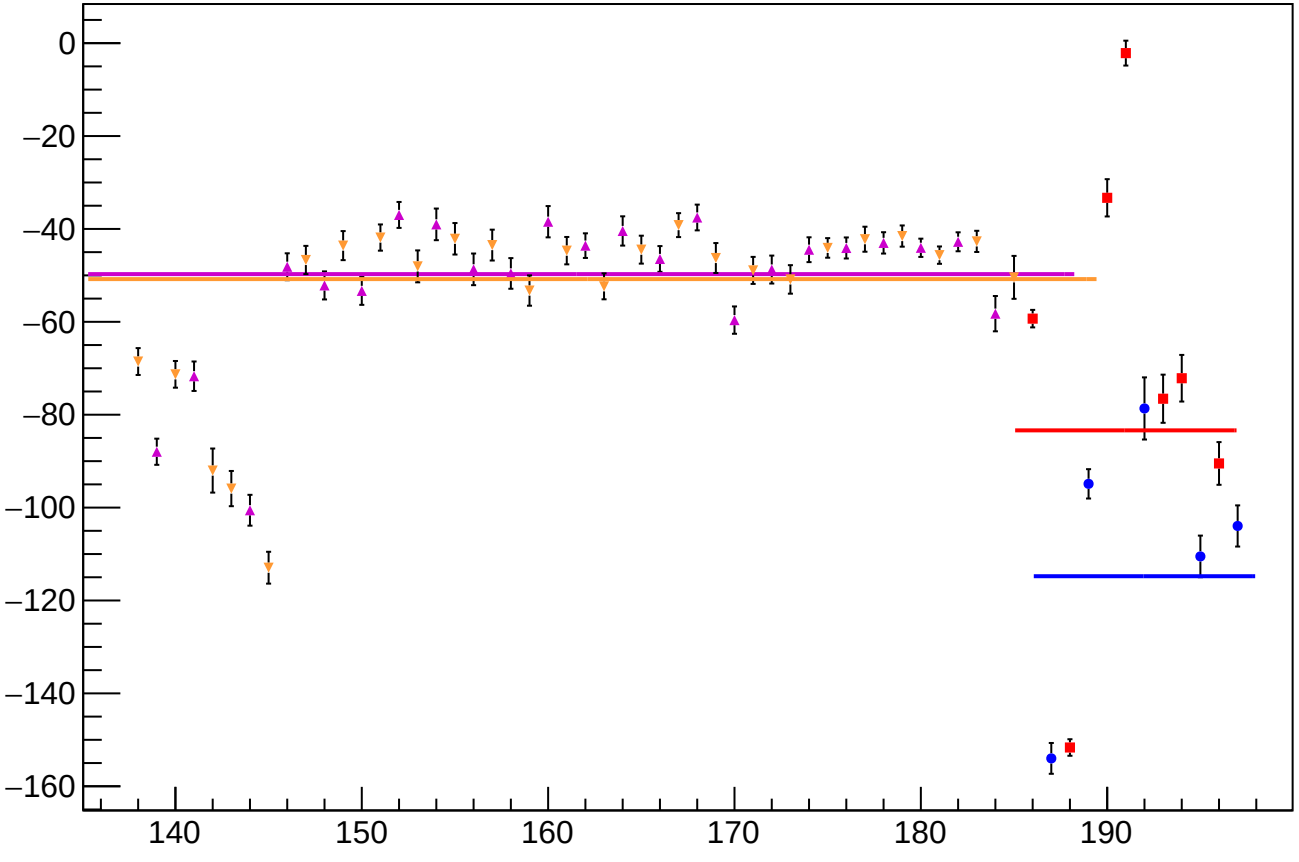
Left In: -268.305+/-0.083 χ^2/NDF:264853.3/22

+ sign -246.611+/-0.068 χ^2/NDF: 877964.2/46

All: -249.526+/-0.048 χ^2/NDF: 1390851.3/94

- sign -252.326+/-0.067 χ^2/NDF: 509328.3/47

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -114.775+/-1.784 χ^2/NDF: 215.4/4

Left Out: -50.802+/-0.574 χ^2/NDF:752.7/24

Right Out: -83.372+/-1.041 χ^2/NDF: 2717.5/6

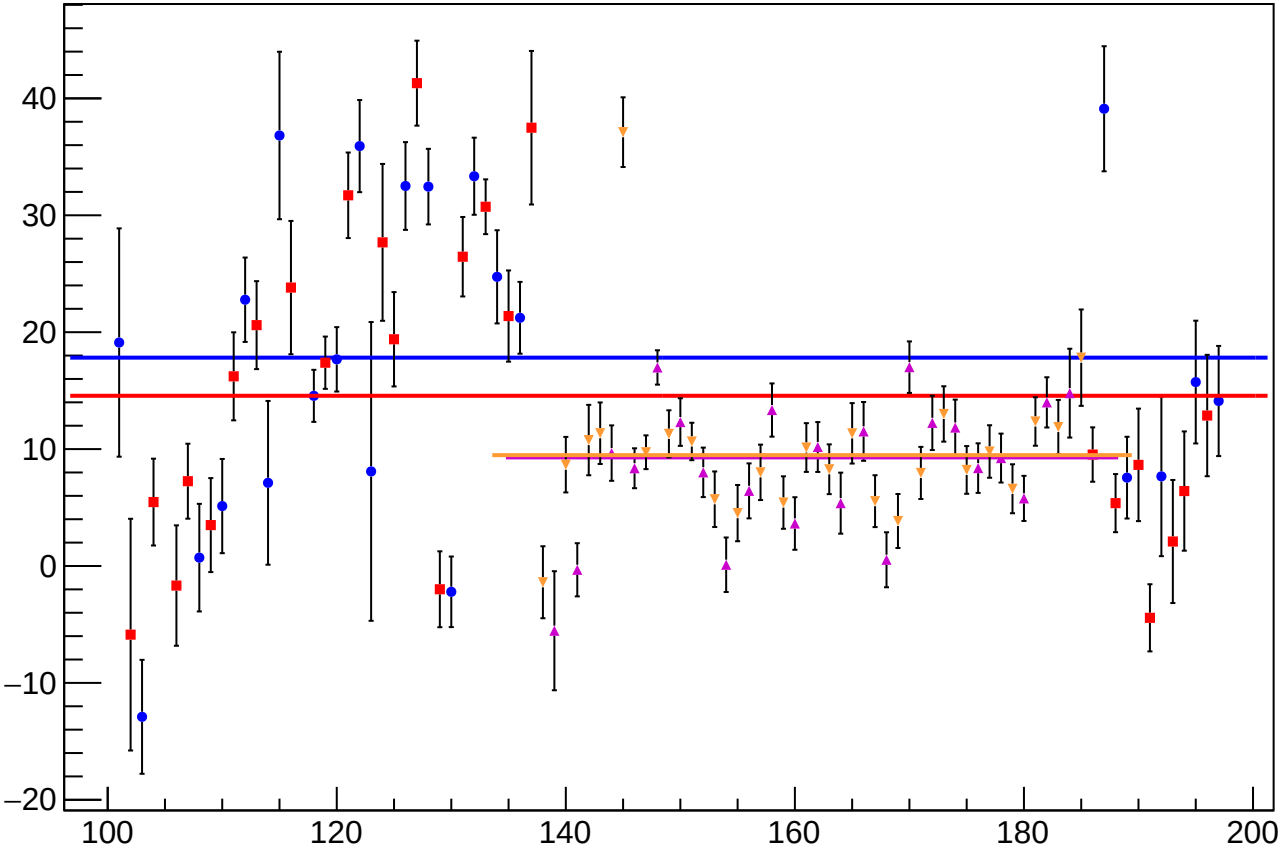
Left In: -49.728+/-0.581 χ^2/NDF:601.0/22

+ sign -56.798+/-0.546 χ^2/NDF: 2132.9/29

All: -57.295+/-0.372 χ^2/NDF: 6248.6/59

- sign -57.725+/-0.508 χ^2/NDF: 4114.2/29

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 17.823+/-0.834 χ^2/NDF: 232.3/21

Left Out: 9.483+/-0.447 χ^2/NDF:133.0/24

Right Out: 14.561+/-0.714 χ^2/NDF: 294.3/24

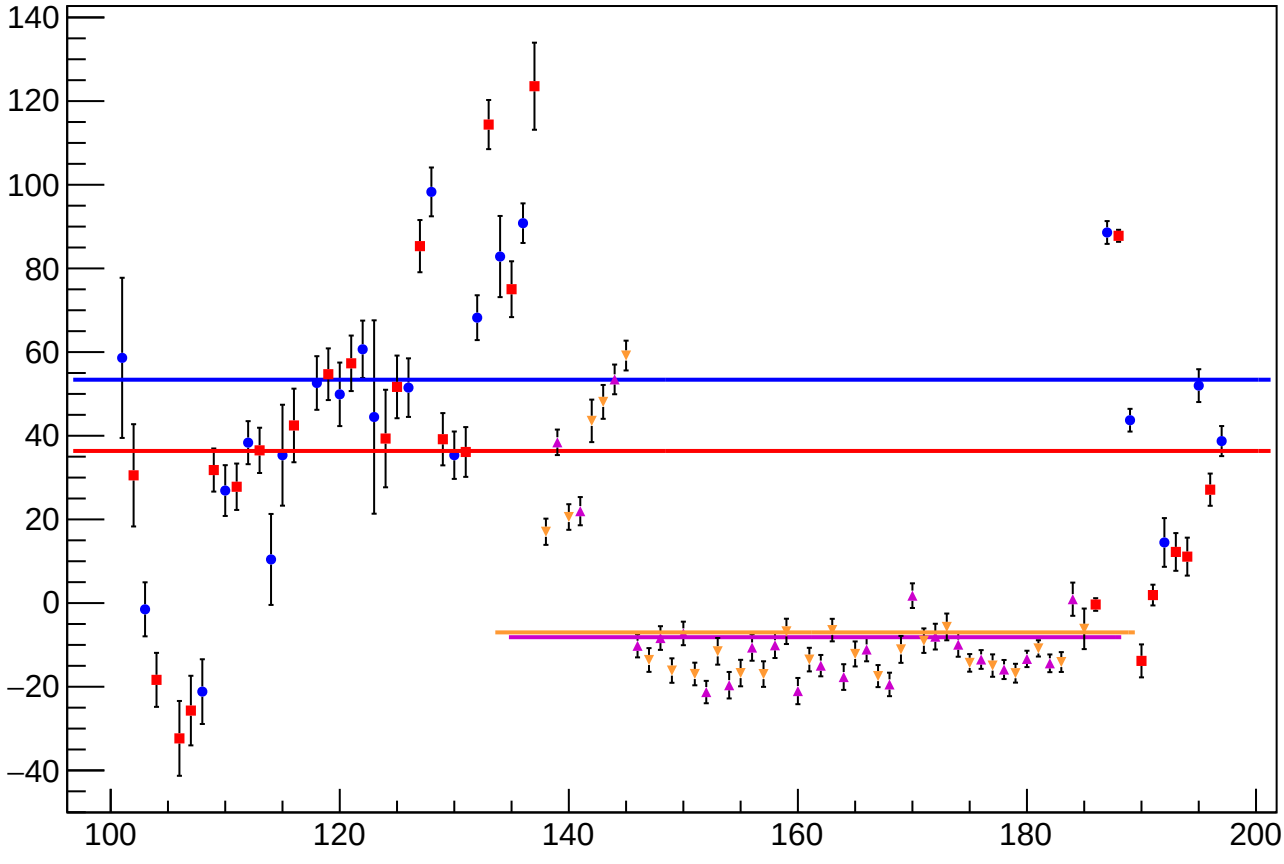
Left In: 9.289+/-0.461 χ^2/NDF:125.6/22

+ sign 11.345+/-0.394 χ^2/NDF: 443.1/46

All: 11.087+/-0.276 χ^2/NDF: 902.3/94

- sign 10.838+/-0.387 χ^2/NDF: 458.4/47

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 53.396+/-1.117 χ^2/NDF: 601.7/21

Left Out: -7.007+/-0.572 χ^2/NDF:899.2/24

Right Out: 36.366+/-0.766 χ^2/NDF: 2849.2/24

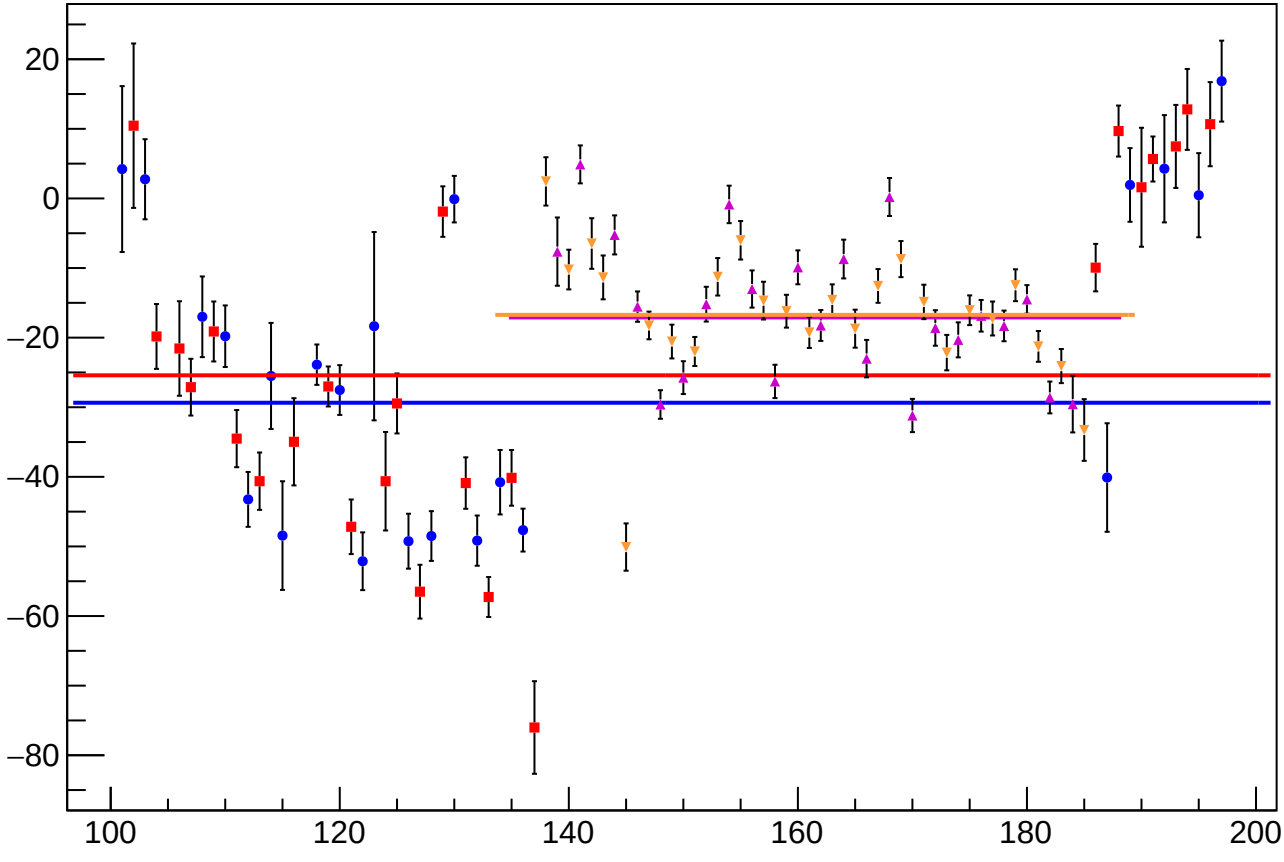
Left In: -8.158+/-0.578 χ^2/NDF:753.9/22

+ sign 5.538+/-0.509 χ^2/NDF: 3817.6/46

All: 6.882+/-0.342 χ^2/NDF: 9587.3/94

- sign 7.986+/-0.461 χ^2/NDF: 5757.1/47

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -29.354+/-0.970 χ^2/NDF: 447.1/21

Left Out: -16.727+/-0.508 χ^2/NDF:223.3/24

Right Out: -25.414+/-0.854 χ^2/NDF: 713.5/24

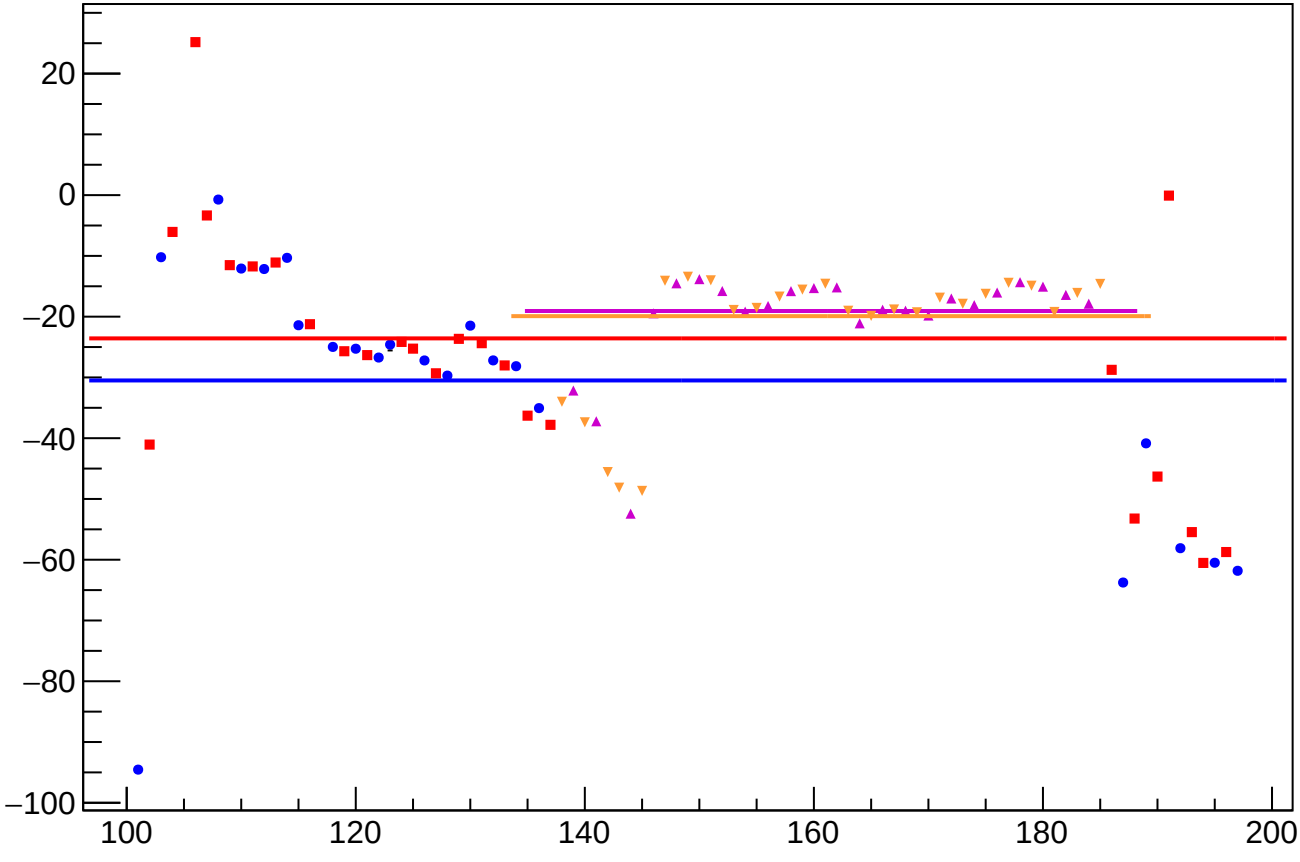
Left In: -17.100+/-0.520 χ^2/NDF:328.1/22

+ sign -19.443+/-0.450 χ^2/NDF: 803.4/46

All: -19.396+/-0.316 χ^2/NDF: 1914.0/94

- sign -19.350+/-0.444 χ^2/NDF: 1110.6/47

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -30.499+/-0.051 χ^2/NDF: 147476.7/21

Left Out: -19.915+/-0.023 χ^2/NDF:141090.6/24

Right Out: -23.576+/-0.041 χ^2/NDF: 304239.4/24

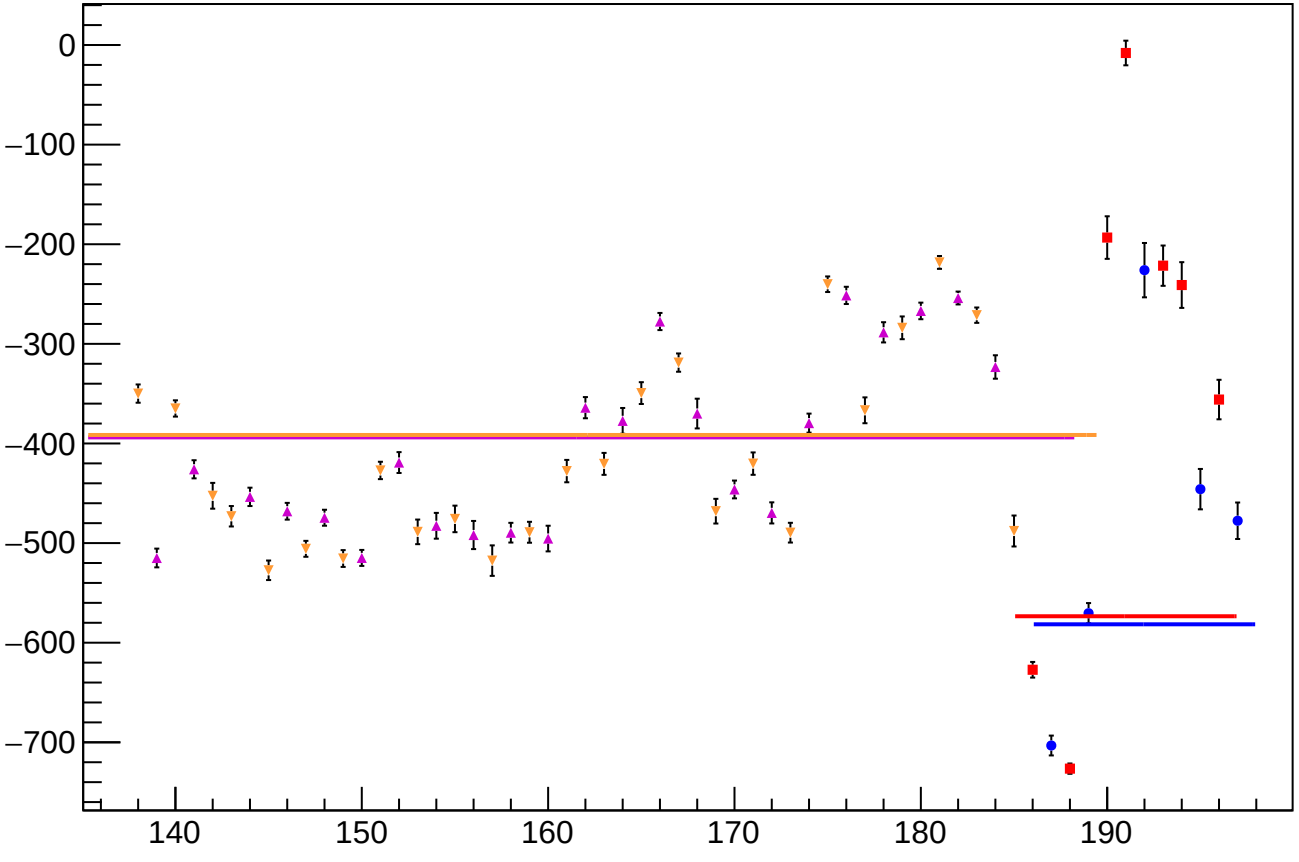
Left In: -19.068+/-0.024 χ^2/NDF:92702.3/22

+ sign -21.774+/-0.021 χ^2/NDF: 324701.8/46

All: -20.948+/-0.015 χ^2/NDF: 733574.6/94

- sign -20.176+/-0.020 χ^2/NDF: 405930.7/47

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -581.533+/-6.143 χ^2/NDF: 397.1/4

Left Out: -391.476+/-1.973 χ^2/NDF:2708.6/24

Right Out: -573.454+/-3.805 χ^2/NDF: 3959.0/6

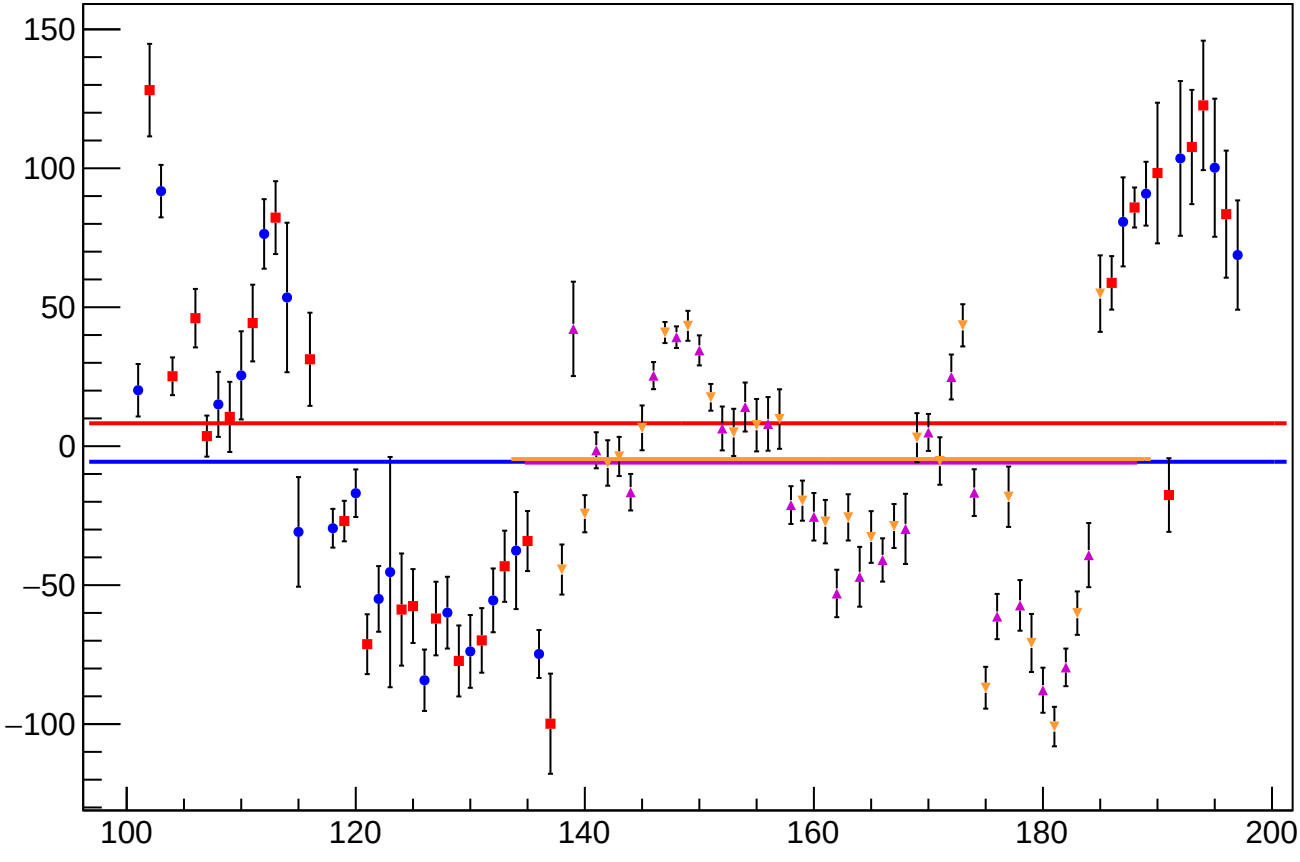
Left In: -393.904+/-1.998 χ^2/NDF:2280.8/22

+ sign -409.241+/-1.878 χ^2/NDF: 3973.5/29

All: -421.679+/-1.288 χ^2/NDF: 12041.8/59

- sign -432.711+/-1.769 χ^2/NDF: 7985.5/29

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -5.601+/-2.615 χ^2/NDF: 530.4/21

Left Out: -4.635+/-1.467 χ^2/NDF:771.4/24

Right Out: 8.248+/-2.297 χ^2/NDF: 629.6/24

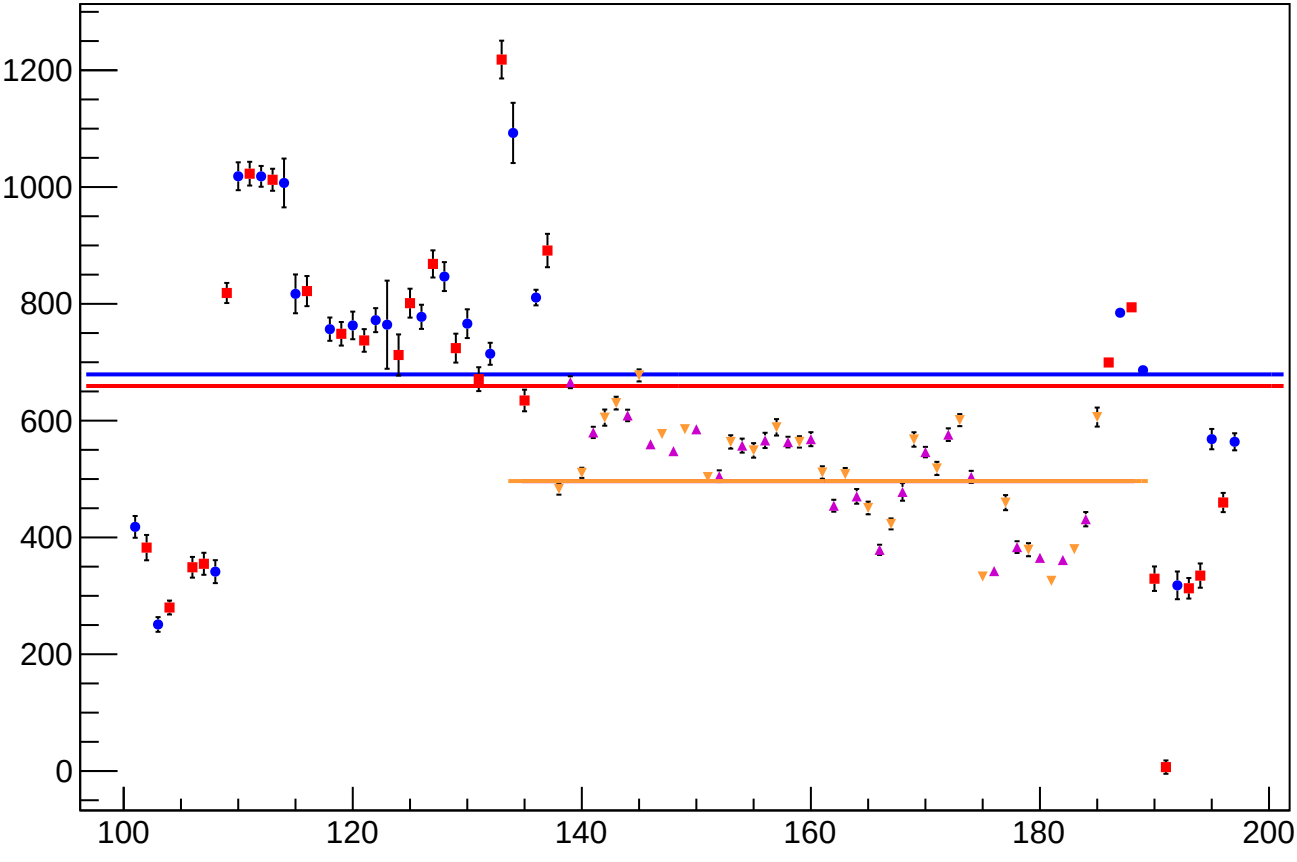
Left In: -5.906+/-1.513 χ^2/NDF:657.5/22

+ sign -4.867+/-1.280 χ^2/NDF: 1301.9/46

All: -3.224+/-0.899 χ^2/NDF: 2618.8/94

- sign -1.623+/-1.264 χ^2/NDF: 1313.6/47

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 679.178+/-3.580 χ^2/NDF: 3088.1/21

Left Out: 496.535+/-1.971 χ^2/NDF:2589.1/24

Right Out: 659.317+/-2.615 χ^2/NDF: 8432.0/24

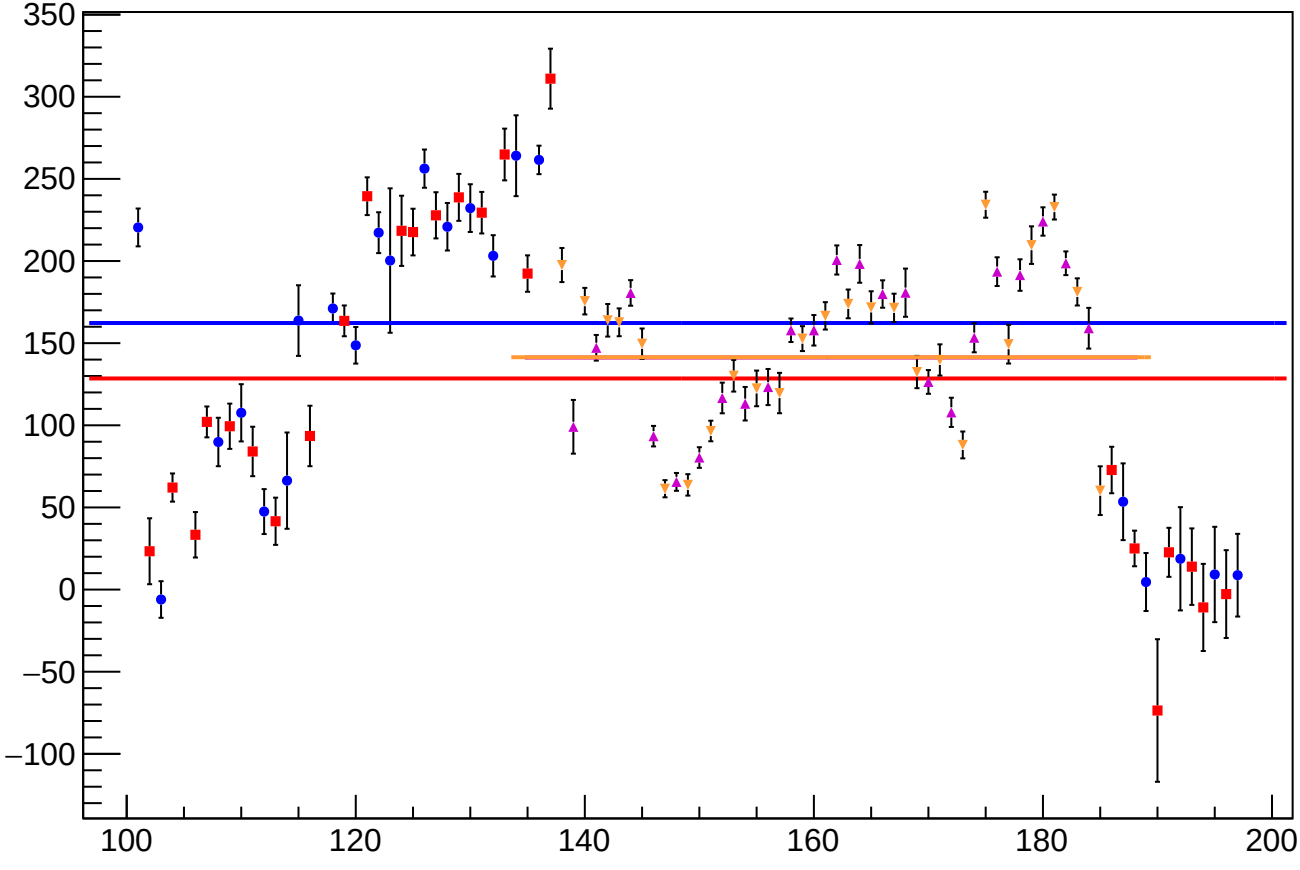
Left In: 496.393+/-1.985 χ^2/NDF:2295.8/22

+ sign 539.023+/-1.727 χ^2/NDF: 7674.5/46

All: 548.245+/-1.166 χ^2/NDF: 20917.4/94

- sign 555.979+/-1.581 χ^2/NDF: 13190.5/47

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 162.264+/-3.067 χ^2/NDF: 842.5/21

Left Out: 141.430+/-1.704 χ^2/NDF:957.7/24

Right Out: 128.506+/-2.765 χ^2/NDF: 995.9/24

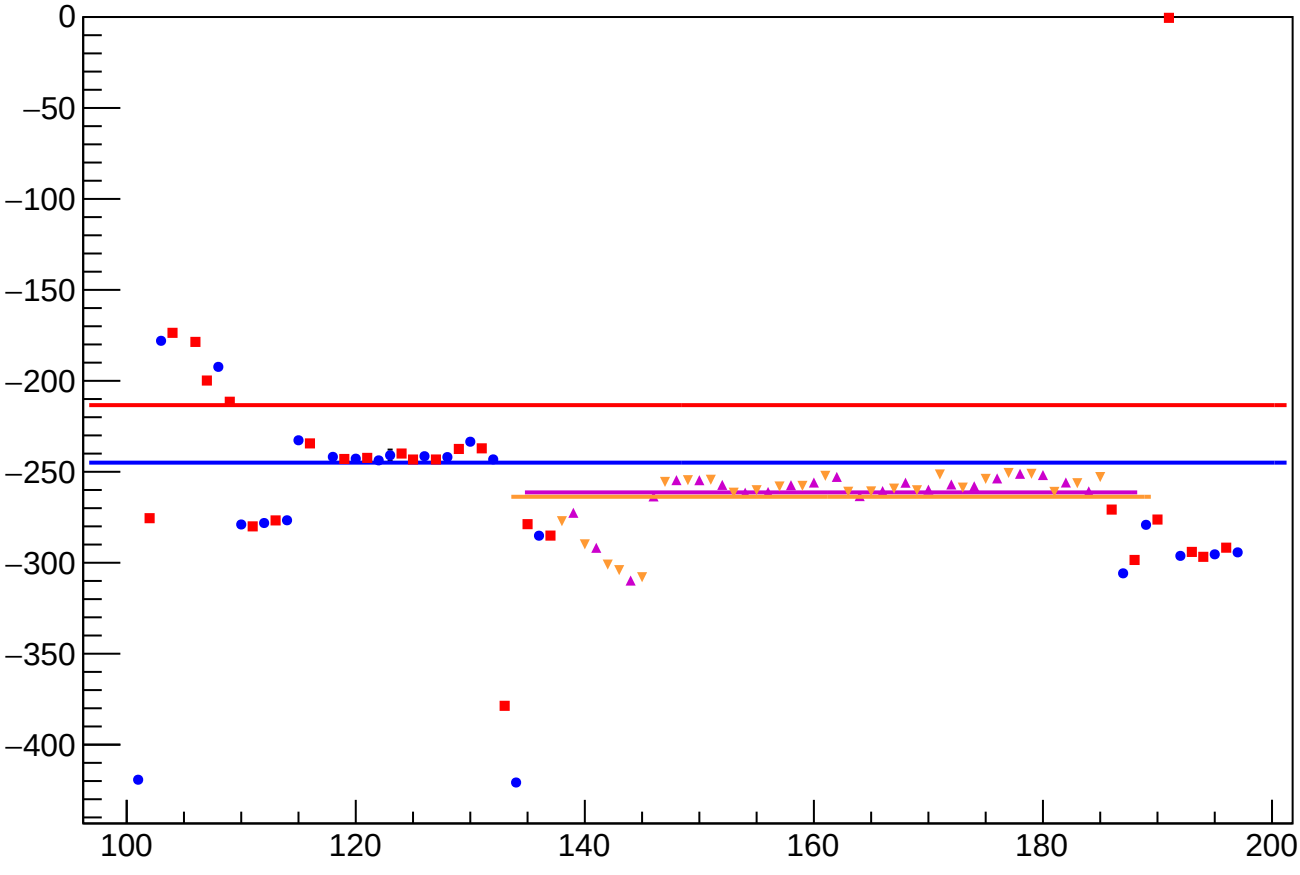
Left In: 141.248+/-1.744 χ^2/NDF:744.2/22

+ sign 146.344+/-1.490 χ^2/NDF: 1835.5/46

All: 141.941+/-1.048 χ^2/NDF: 3608.1/94

- sign 137.623+/-1.475 χ^2/NDF: 1755.3/47

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -244.970+/-0.150 χ^2/NDF: 181670.4/21

Left Out: -263.734+/-0.081 χ^2/NDF:37922.0/24

Right Out: -213.357+/-0.130 χ^2/NDF: 433239.8/24

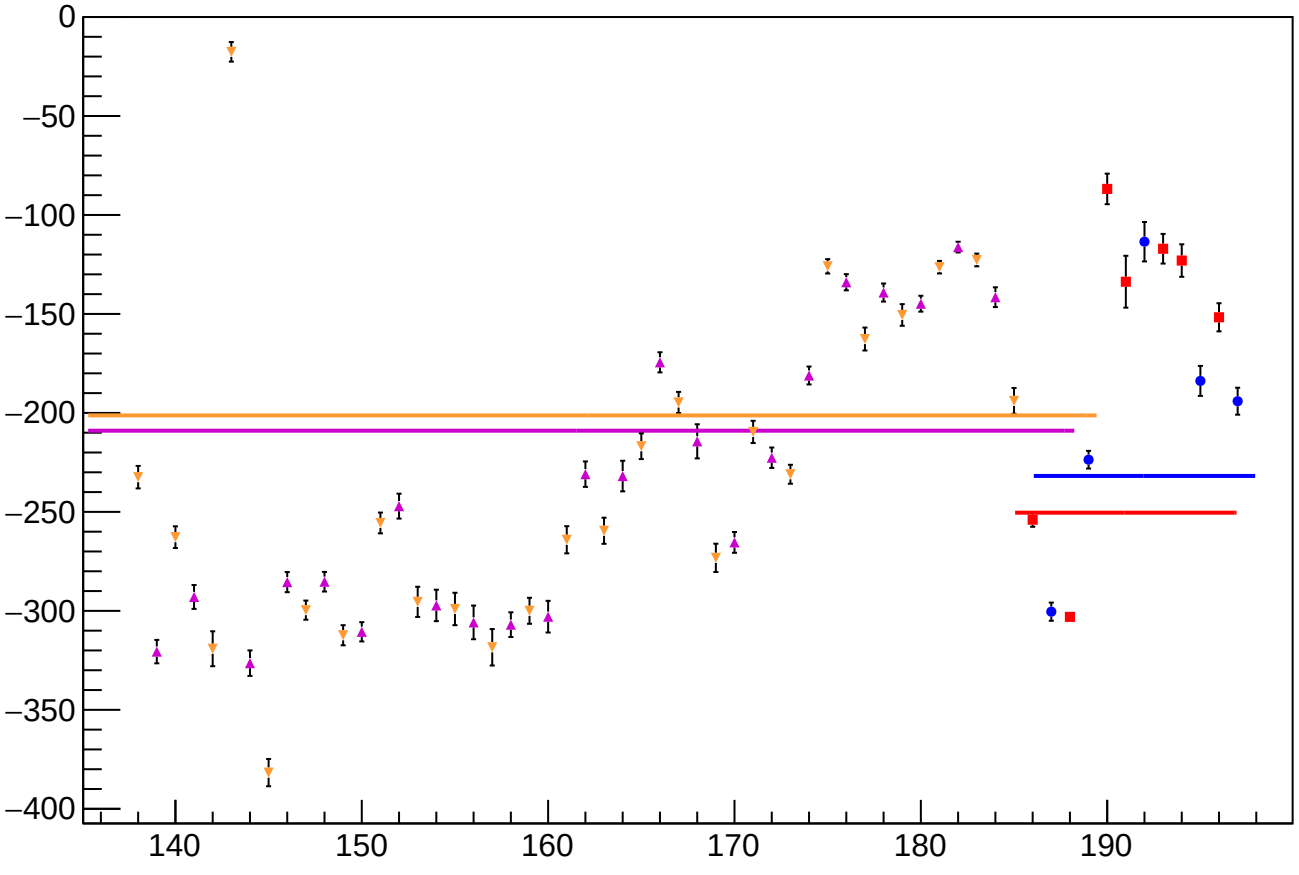
Left In: -261.325+/-0.082 χ^2/NDF:23449.2/22

+ sign -259.443+/-0.072 χ^2/NDF: 231725.0/46

All: -253.424+/-0.050 χ^2/NDF: 799452.9/94

- sign -247.797+/-0.069 χ^2/NDF: 554035.2/47

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -231.839+/-2.612 χ^2/NDF: 438.4/4

Left Out: -201.261+/-1.065 χ^2/NDF:6110.1/24

Right Out: -250.396+/-1.739 χ^2/NDF: 1773.1/6

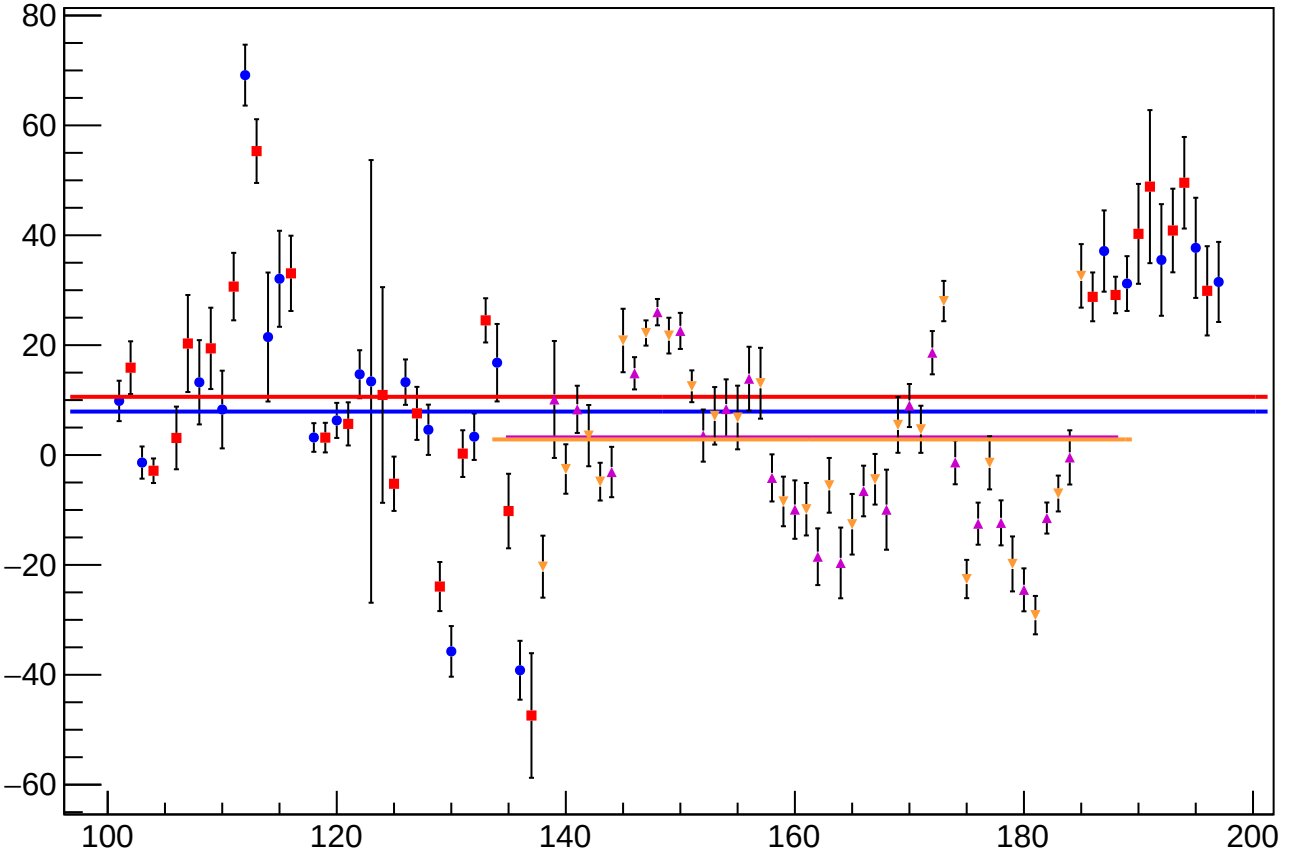
Left In: -208.981+/-1.078 χ^2/NDF:4865.2/22

+ sign -205.623+/-0.987 χ^2/NDF: 6666.0/29

All: -213.598+/-0.671 χ^2/NDF: 13835.7/59

- sign -220.480+/-0.916 χ^2/NDF: 7048.0/29

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 7.910+/-1.030 χ^2/NDF: 385.6/21

Left Out: 2.841+/-0.824 χ^2/NDF:420.6/24

Right Out: 10.595+/-0.965 χ^2/NDF: 365.1/24

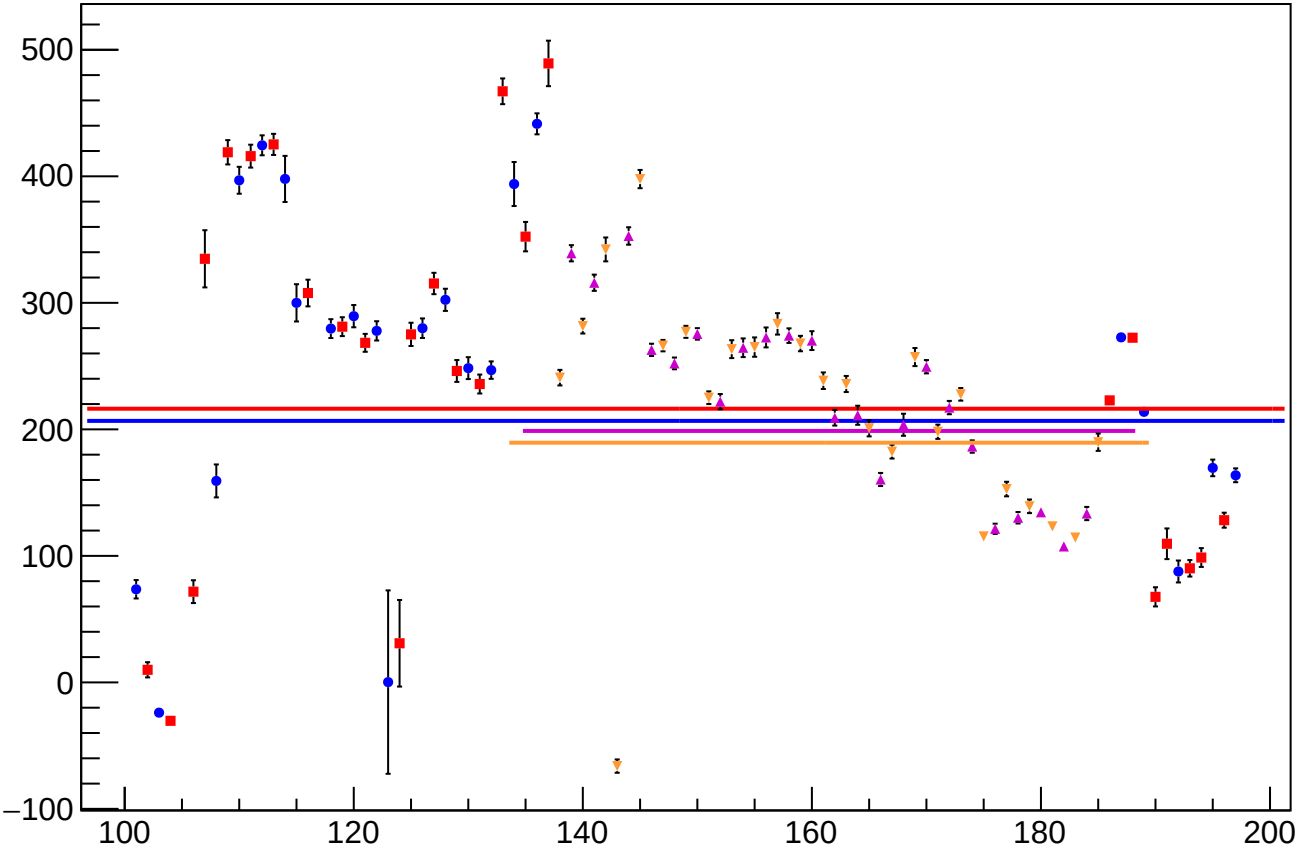
Left In: 3.208+/-0.854 χ^2/NDF:323.8/22

+ sign 4.818+/-0.643 χ^2/NDF: 821.0/46

All: 5.641+/-0.454 χ^2/NDF: 1546.0/94

- sign 6.454+/-0.640 χ^2/NDF: 721.8/47

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 206.699+/-1.463 χ^2/NDF: 7352.5/21

Left Out: 189.453+/-1.070 χ^2/NDF:6649.7/24

Right Out: 216.325+/-1.148 χ^2/NDF: 10463.2/24

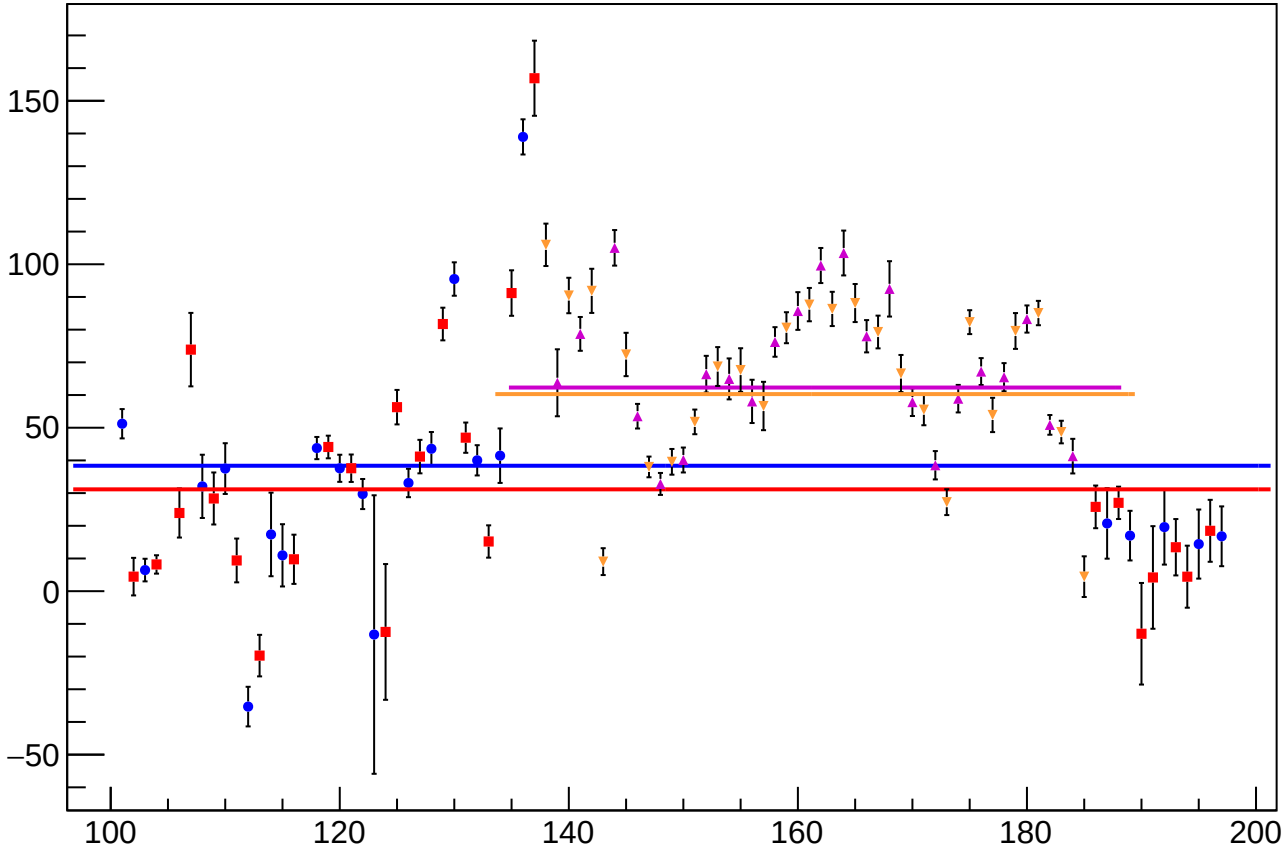
Left In: 198.762+/-1.078 χ^2/NDF:4590.0/22

+ sign 195.461+/-0.863 χ^2/NDF: 14092.8/46

All: 201.766+/-0.581 χ^2/NDF: 29367.8/94

- sign 206.988+/-0.786 χ^2/NDF: 15177.6/47

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 38.368+/-1.215 χ^2/NDF: 761.0/21

Left Out: 60.287+/-0.945 χ^2/NDF:714.8/24

Right Out: 31.149+/-1.160 χ^2/NDF: 579.1/24

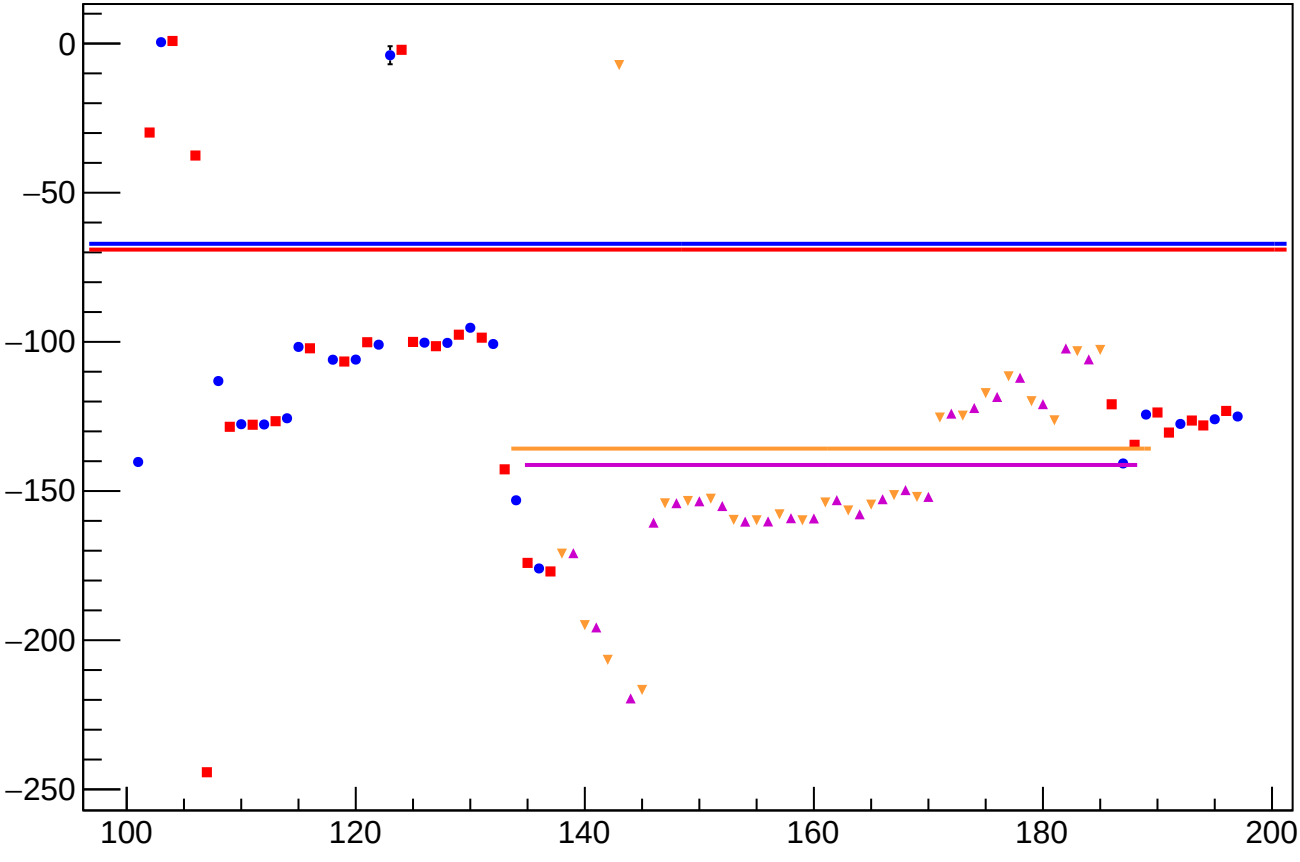
Left In: 62.290+/-0.971 χ^2/NDF:411.6/22

+ sign 52.029+/-0.746 χ^2/NDF: 1678.5/46

All: 50.737+/-0.527 χ^2/NDF: 3099.1/94

- sign 49.451+/-0.745 χ^2/NDF: 1414.5/47

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -67.124+/-0.057 χ^2/NDF: 1268128.9/21

Left Out: -135.775+/-0.045 χ^2/NDF:742021.1/24

Right Out: -69.070+/-0.054 χ^2/NDF: 1289383.1/24

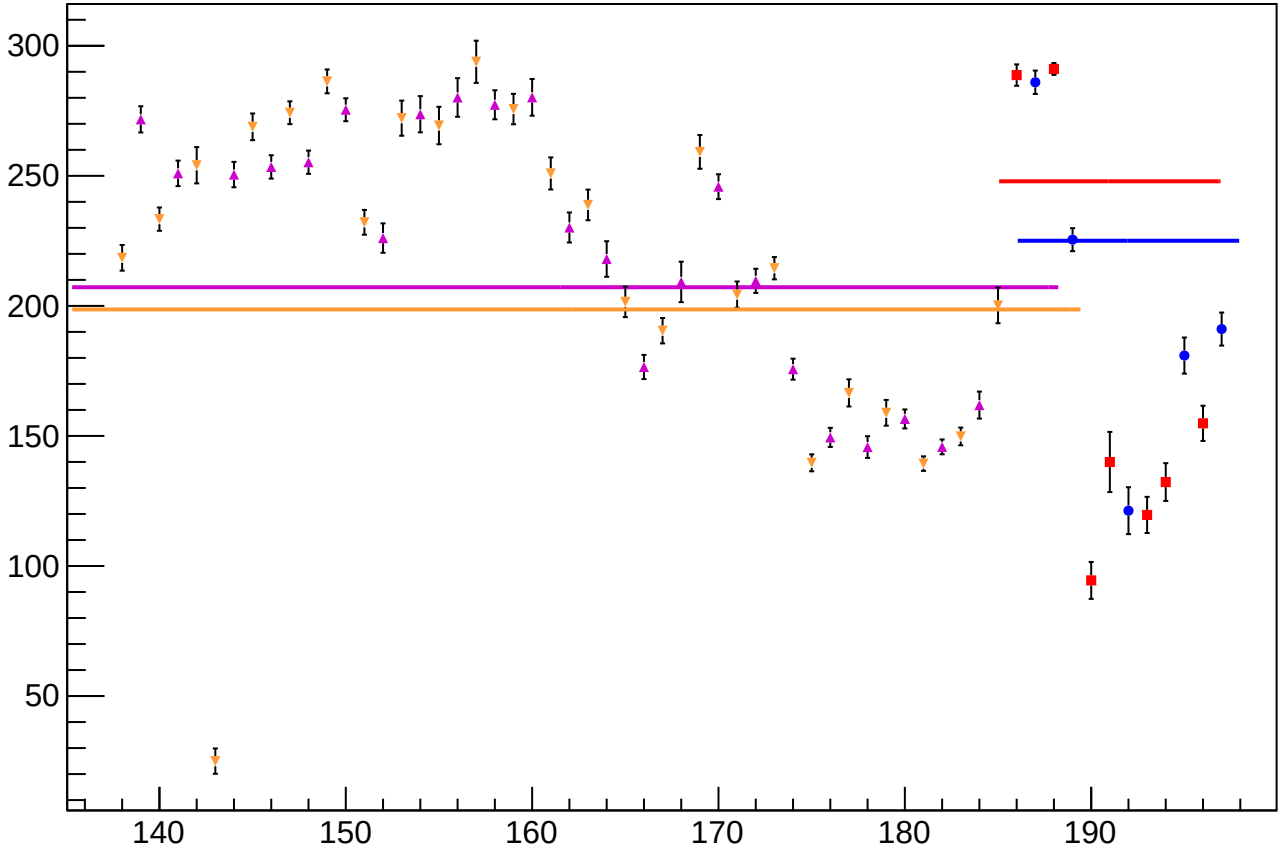
Left In: -141.259+/-0.045 χ^2/NDF:350045.9/22

+ sign -109.879+/-0.035 χ^2/NDF: 2901017.9/46

All: -110.767+/-0.025 χ^2/NDF: 5593196.5/94

- sign -111.623+/-0.035 χ^2/NDF: 2690932.4/47

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 225.045+/-2.512 χ^2/NDF: 384.8/4

Left Out: 198.637+/-0.966 χ^2/NDF:4146.6/24

Right Out: 247.904+/-1.714 χ^2/NDF: 1795.2/6

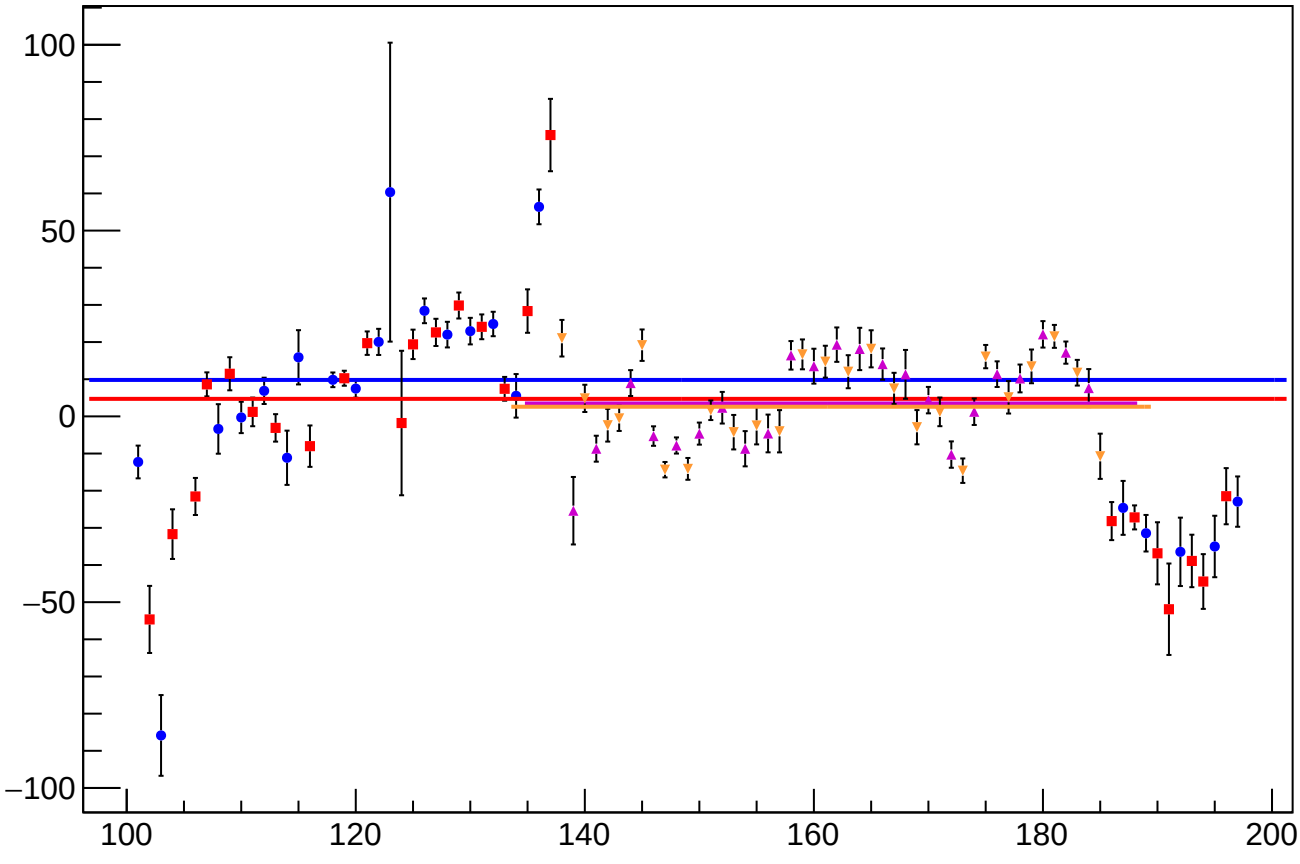
Left In: 207.171+/-0.986 χ^2/NDF:2631.6/22

+ sign 202.040+/-0.902 χ^2/NDF: 4627.7/29

All: 210.080+/-0.620 χ^2/NDF: 9629.8/59

- sign 217.302+/-0.855 χ^2/NDF: 4851.2/29

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 9.809+/-0.880 χ^2/NDF: 481.5/21

Left Out: 2.595+/-0.744 χ^2/NDF:274.3/24

Right Out: 4.716+/-0.845 χ^2/NDF: 617.6/24

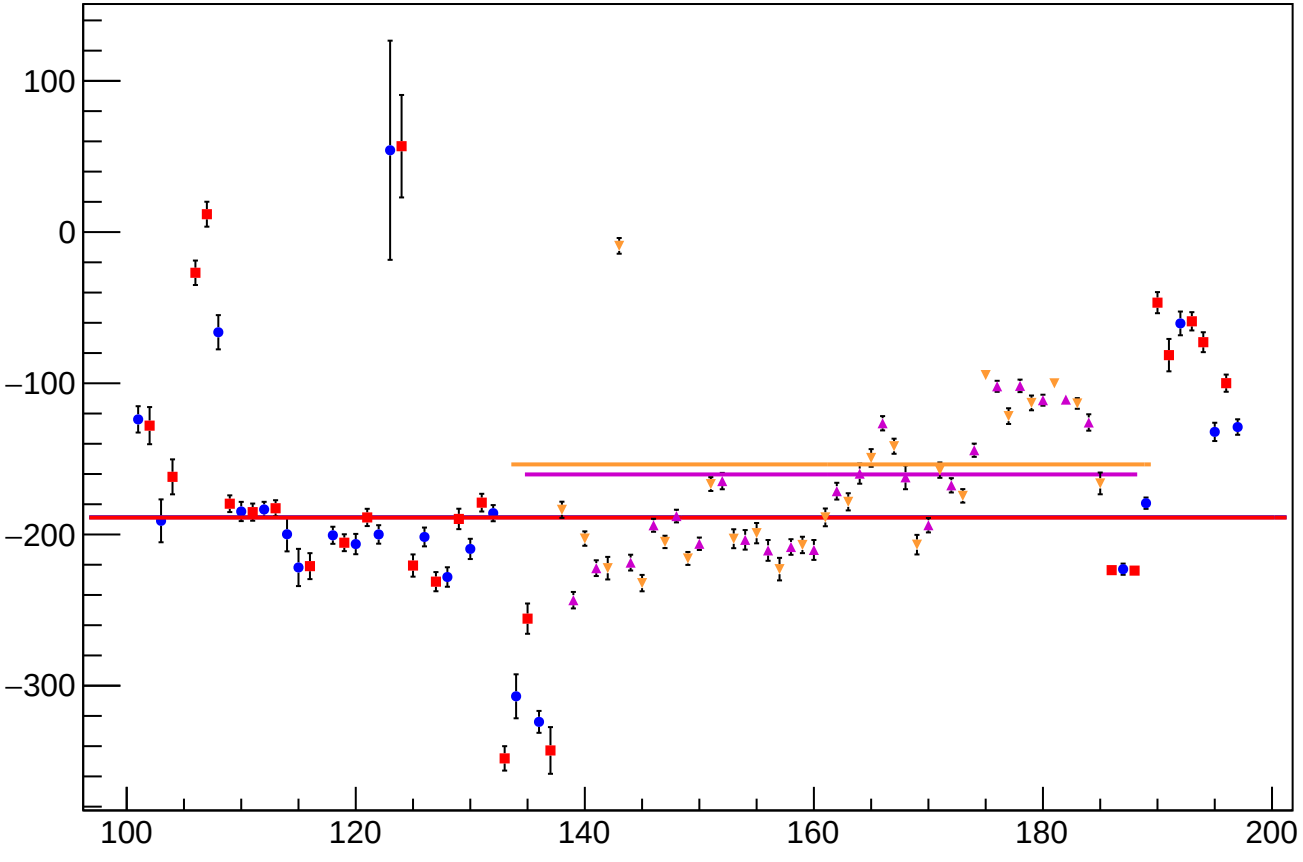
Left In: 3.478+/-0.772 χ^2/NDF:194.7/22

+ sign 5.602+/-0.568 χ^2/NDF: 795.0/46

All: 4.824+/-0.402 χ^2/NDF: 1612.2/94

- sign 4.041+/-0.570 χ^2/NDF: 813.4/47

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -188.603+/-1.359 χ^2/NDF: 1256.6/21

Left Out: -153.649+/-0.970 χ^2/NDF:2930.9/24

Right Out: -188.814+/-1.088 χ^2/NDF: 3710.7/24

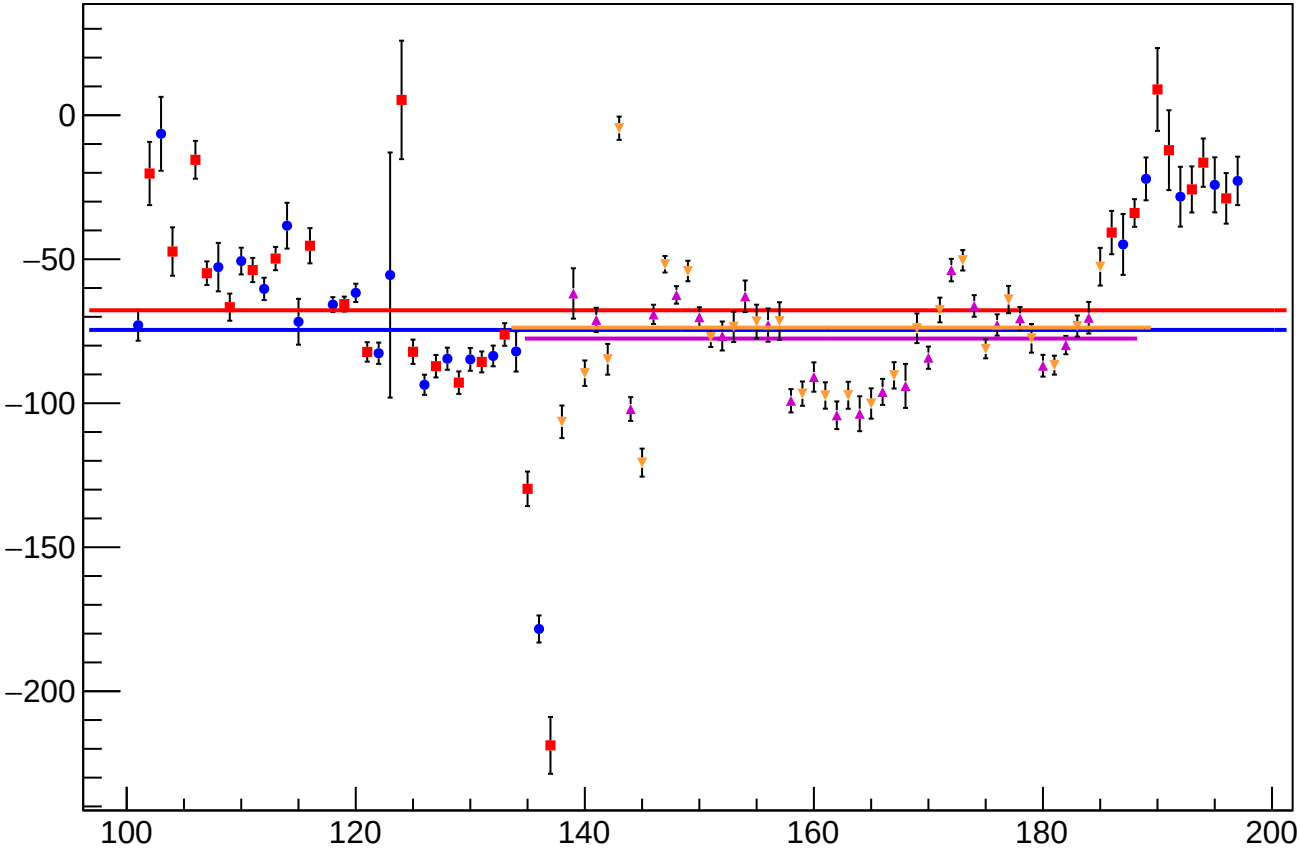
Left In: -160.279+/-0.985 χ^2/NDF:2049.4/22

+ sign -165.444+/-0.789 χ^2/NDF: 4625.8/46

All: -169.583+/-0.536 χ^2/NDF: 10814.8/94

- sign -173.125+/-0.730 χ^2/NDF: 6138.0/47

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -74.552+/-1.030 χ^2/NDF: 811.1/21

Left Out: -73.741+/-0.855 χ^2/NDF:728.3/24

Right Out: -67.732+/-0.994 χ^2/NDF: 812.9/24

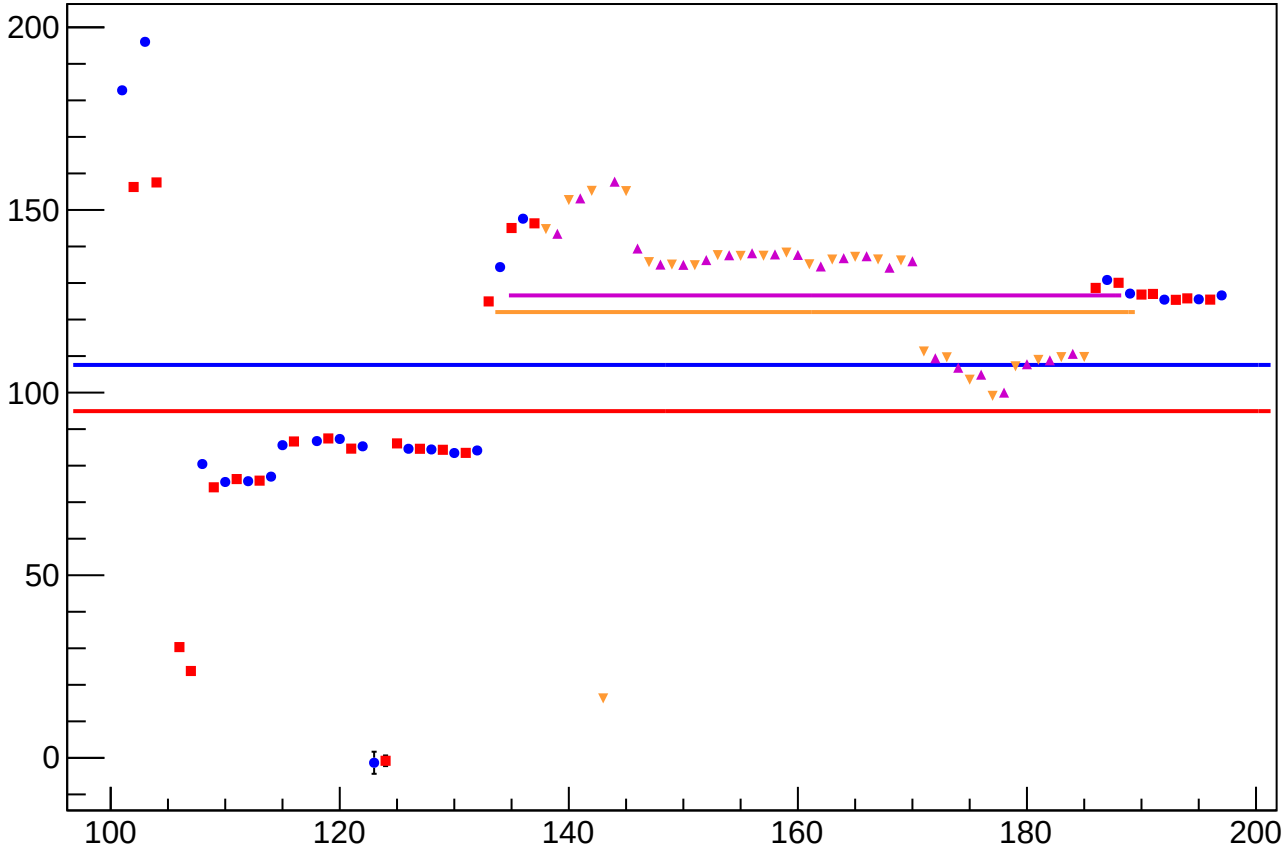
Left In: -77.545+/-0.880 χ^2/NDF:252.7/22

+ sign -74.072+/-0.658 χ^2/NDF: 1539.8/46

All: -73.652+/-0.465 χ^2/NDF: 2660.9/94

- sign -73.231+/-0.659 χ^2/NDF: 1120.3/47

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 107.575+/-0.063 χ^2/NDF: 294306.2/21

Left Out: 122.046+/-0.040 χ^2/NDF:437985.3/24

Right Out: 94.927+/-0.056 χ^2/NDF: 519117.8/24

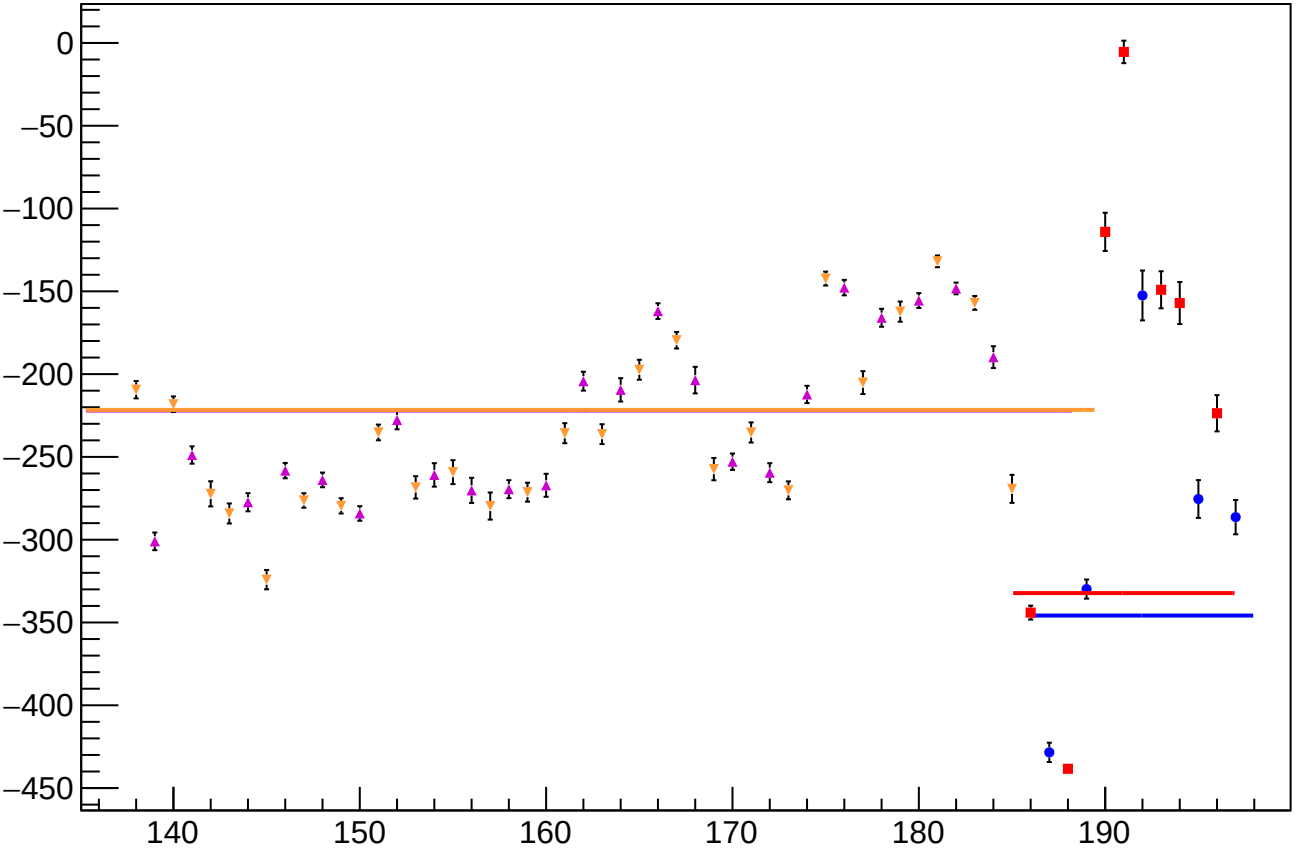
Left In: 126.605+/-0.041 χ^2/NDF:164757.9/22

+ sign 117.859+/-0.034 χ^2/NDF: 769361.4/46

All: 116.625+/-0.024 χ^2/NDF: 1666654.1/94

- sign 115.474+/-0.033 χ^2/NDF: 894761.1/47

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -345.813+/-3.517 χ^2/NDF: 444.5/4

Left Out: -221.606+/-1.087 χ^2/NDF:2565.8/24

Right Out: -332.244+/-2.148 χ^2/NDF: 4454.3/6

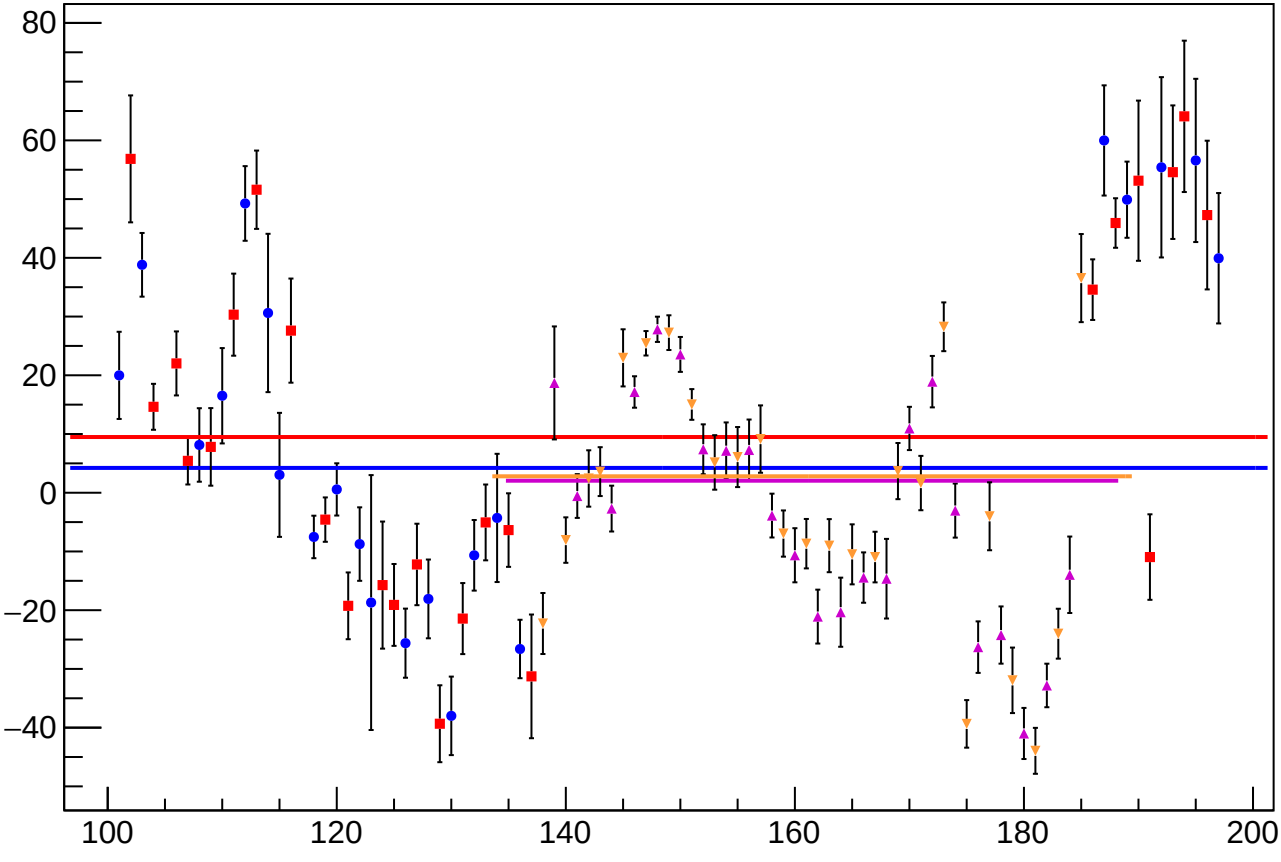
Left In: -221.980+/-1.098 χ^2/NDF:2190.6/22

+ sign -232.444+/-1.039 χ^2/NDF: 4149.0/29

All: -239.006+/-0.712 χ^2/NDF: 12957.6/59

- sign -244.820+/-0.978 χ^2/NDF: 8733.4/29

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 4.227+/-1.430 χ^2/NDF: 361.0/21

Left Out: 2.800+/-0.810 χ^2/NDF:685.5/24

Right Out: 9.486+/-1.244 χ^2/NDF: 418.9/24

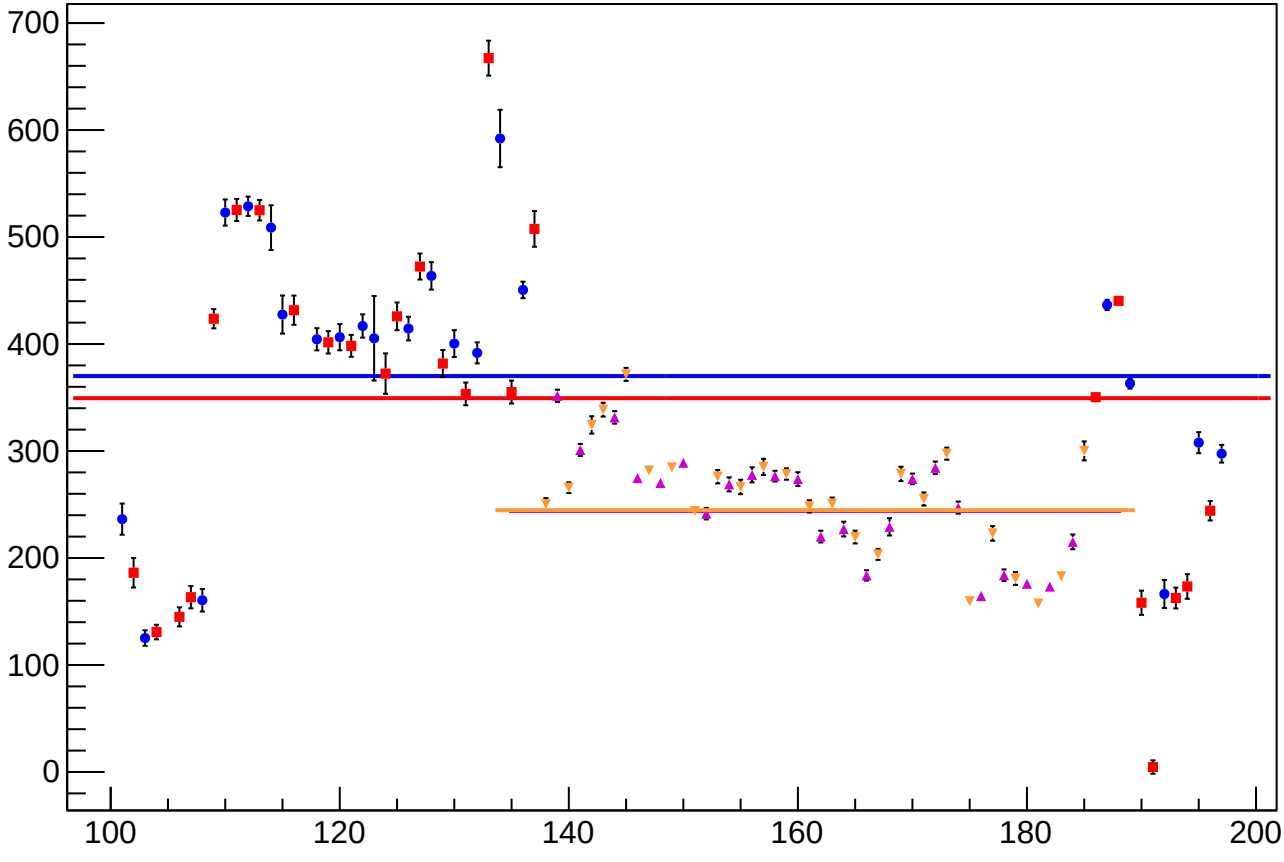
Left In: 2.050+/-0.833 χ^2/NDF:592.6/22

+ sign 3.146+/-0.704 χ^2/NDF: 1047.2/46

All: 3.760+/-0.494 χ^2/NDF: 2084.9/94

- sign 4.352+/-0.692 χ^2/NDF: 1036.2/47

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 370.067+/-2.007 χ^2/NDF: 2987.2/21

Left Out: 244.716+/-1.085 χ^2/NDF:2565.7/24

Right Out: 349.392+/-1.455 χ^2/NDF: 8819.6/24

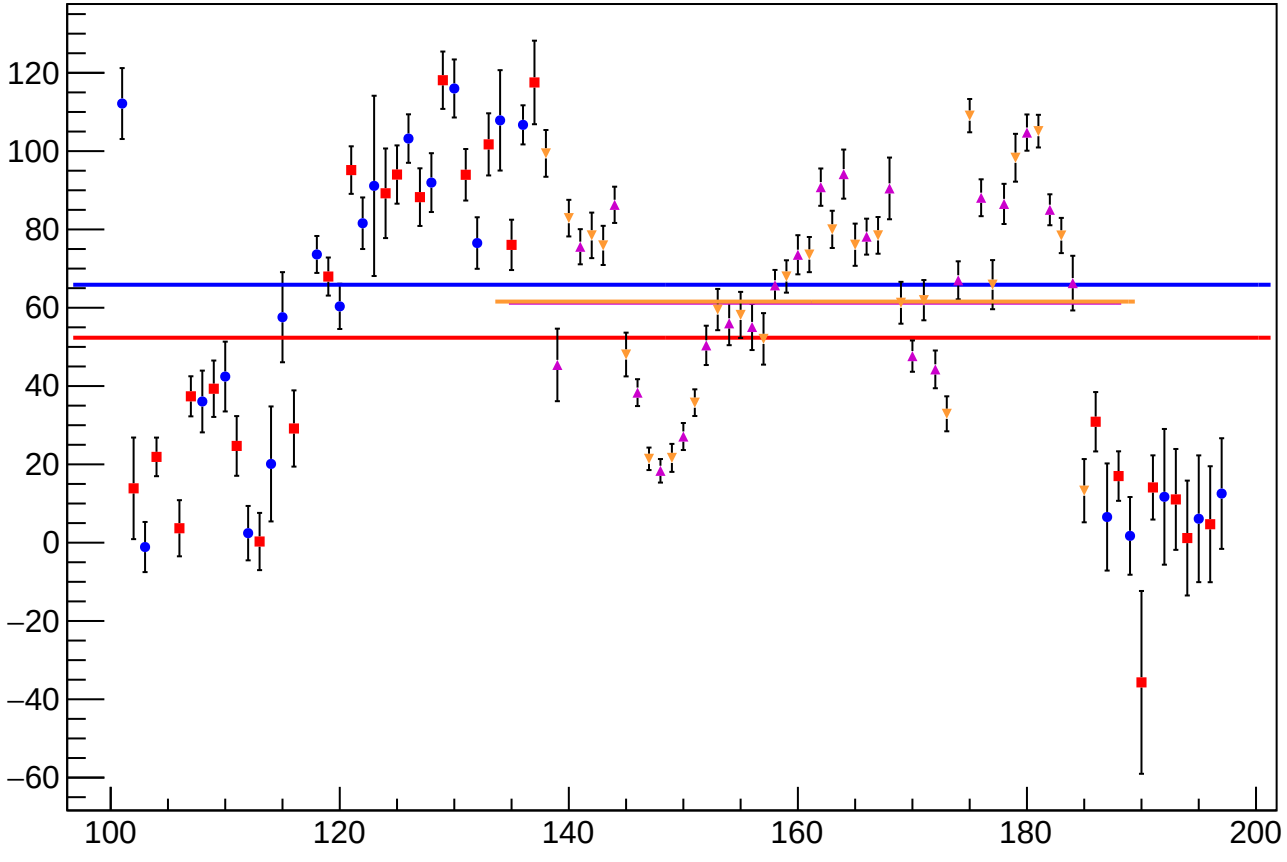
Left In: 243.933+/-1.090 χ^2/NDF:2294.8/22

+ sign 273.054+/-0.954 χ^2/NDF: 8573.0/46

All: 277.833+/-0.644 χ^2/NDF: 23096.9/94

- sign 281.830+/-0.872 χ^2/NDF: 14477.8/47

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 65.874+/-1.674 χ^2/NDF: 533.4/21

Left Out: 61.575+/-0.939 χ^2/NDF:870.3/24

Right Out: 52.345+/-1.492 χ^2/NDF: 618.1/24

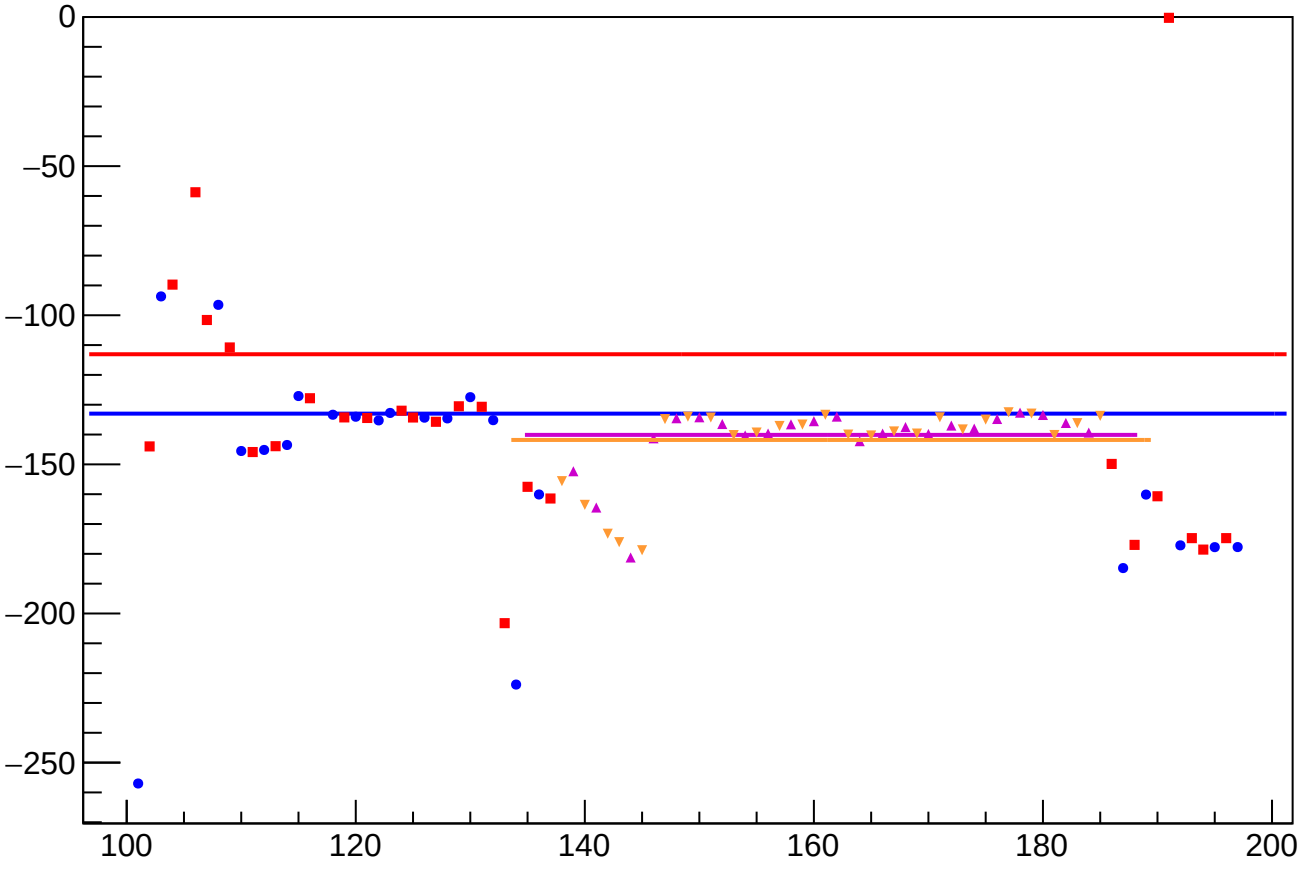
Left In: 61.286+/-0.959 χ^2/NDF:702.8/22

+ sign 62.604+/-0.819 χ^2/NDF: 1408.7/46

All: 60.609+/-0.575 χ^2/NDF: 2766.7/94

- sign 58.674+/-0.807 χ^2/NDF: 1346.3/47

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -132.988+/-0.084 χ^2/NDF: 202459.9/21

Left Out: -141.811+/-0.045 χ^2/NDF:77727.6/24

Right Out: -113.073+/-0.072 χ^2/NDF: 523620.9/24

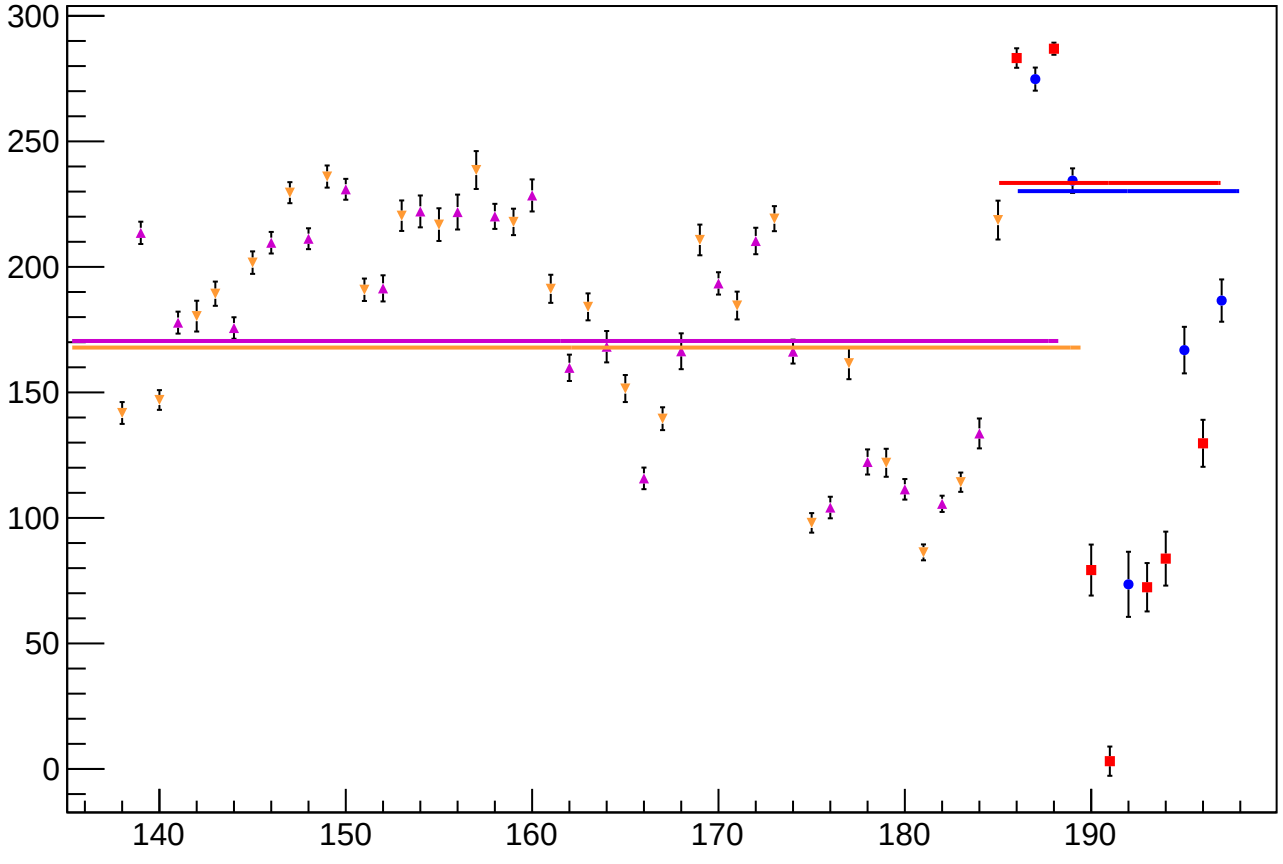
Left In: -140.112+/-0.045 χ^2/NDF:48400.6/22

+ sign -139.841+/-0.039 χ^2/NDF: 288844.9/46

All: -136.020+/-0.027 χ^2/NDF: 981506.5/94

- sign -132.485+/-0.038 χ^2/NDF: 674637.5/47

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 230.185+/-2.878 χ^2/NDF: 314.0/4

Left Out: 167.868+/-0.973 χ^2/NDF:2465.4/24

Right Out: 233.443+/-1.801 χ^2/NDF: 3046.2/6

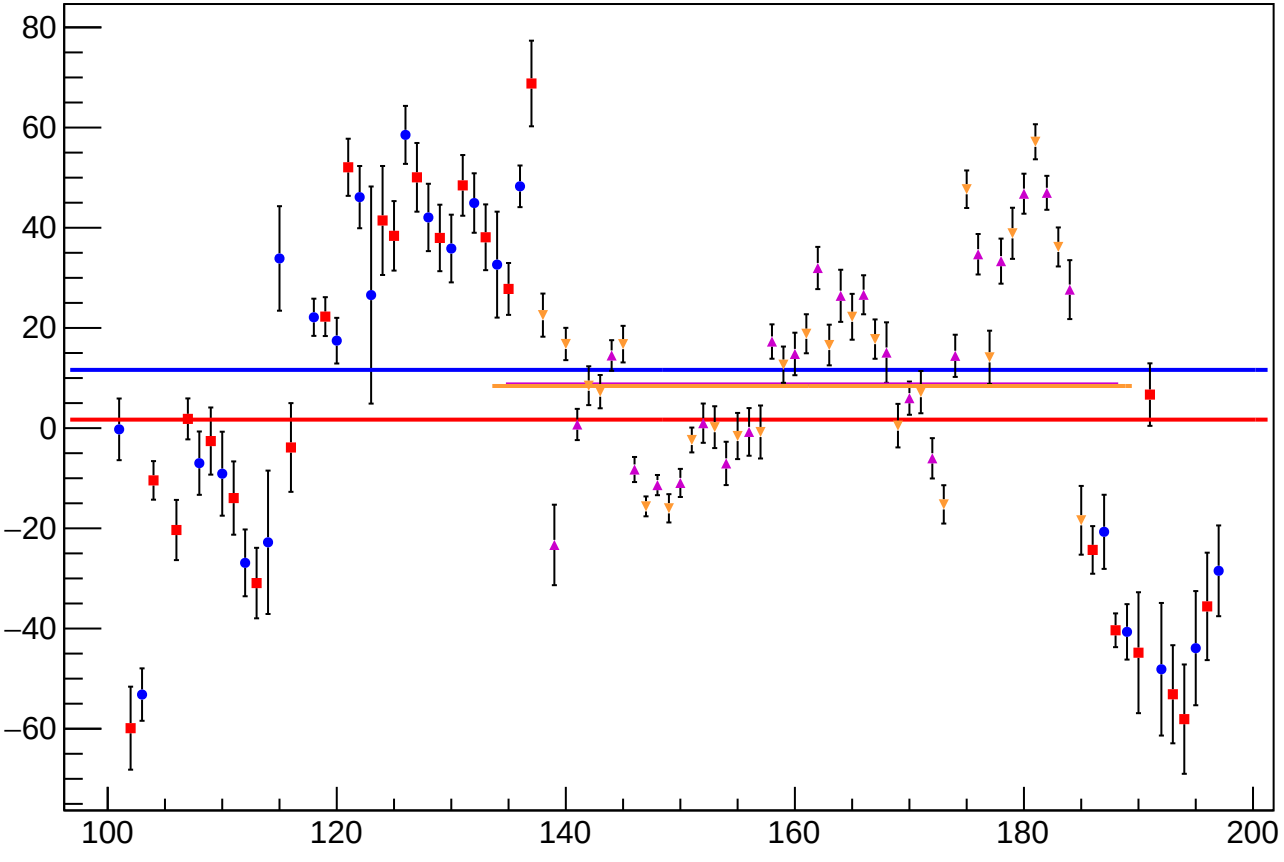
Left In: 170.487+/-0.991 χ^2/NDF:2036.5/22

+ sign 174.265+/-0.922 χ^2/NDF: 3200.1/29

All: 180.021+/-0.632 χ^2/NDF: 9294.2/59

- sign 185.124+/-0.868 χ^2/NDF: 6020.6/29

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 11.630+/-1.369 χ^2/NDF: 640.9/21

Left Out: 8.415+/-0.731 χ^2/NDF:750.6/24

Right Out: 1.700+/-1.189 χ^2/NDF: 784.4/24

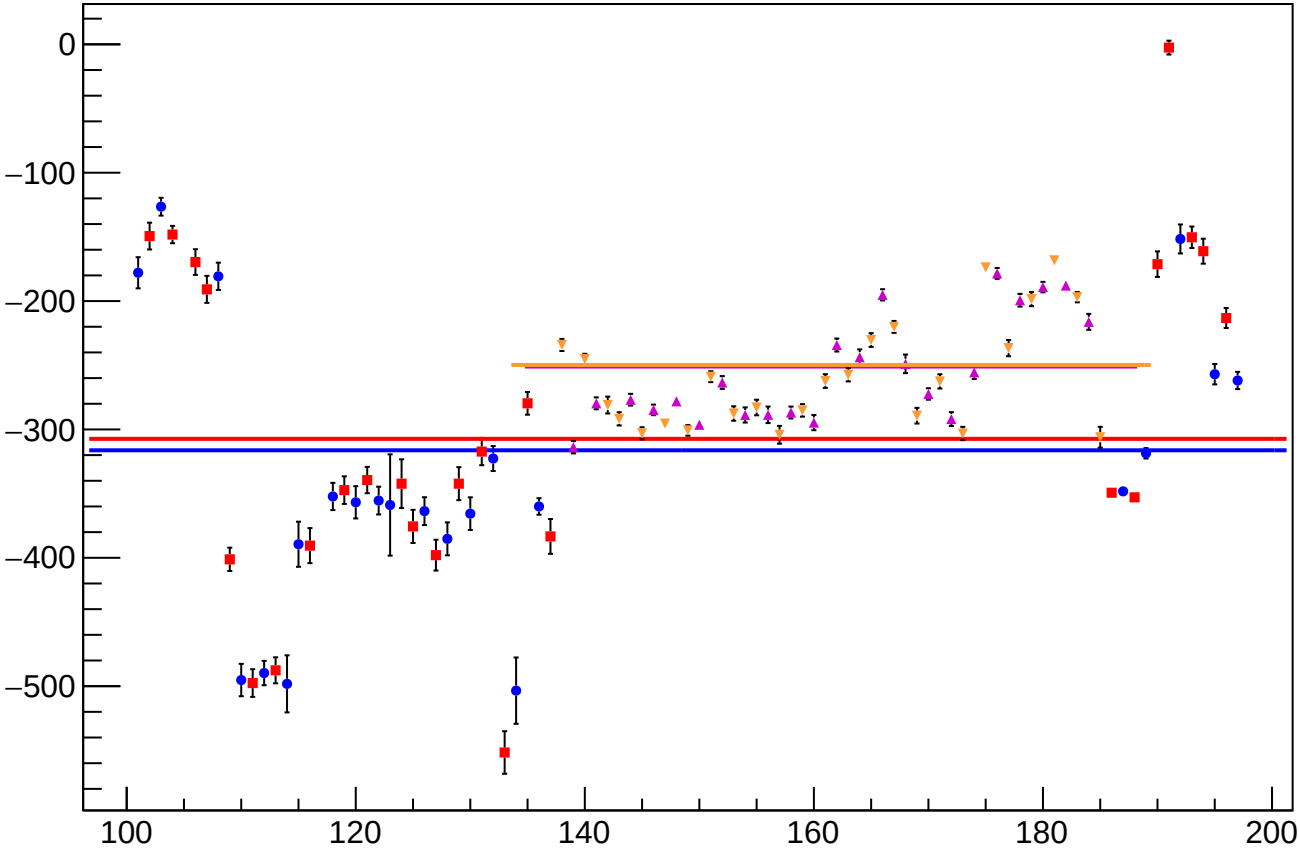
Left In: 8.730+/-0.757 χ^2/NDF:630.1/22

+ sign 9.128+/-0.645 χ^2/NDF: 1395.8/46

All: 7.903+/-0.454 χ^2/NDF: 2842.2/94

- sign 6.703+/-0.638 χ^2/NDF: 1439.3/47

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -316.238+/-1.776 χ^2/NDF: 2264.4/21

Left Out: -249.759+/-0.975 χ^2/NDF:2232.5/24

Right Out: -307.326+/-1.277 χ^2/NDF: 7088.2/24

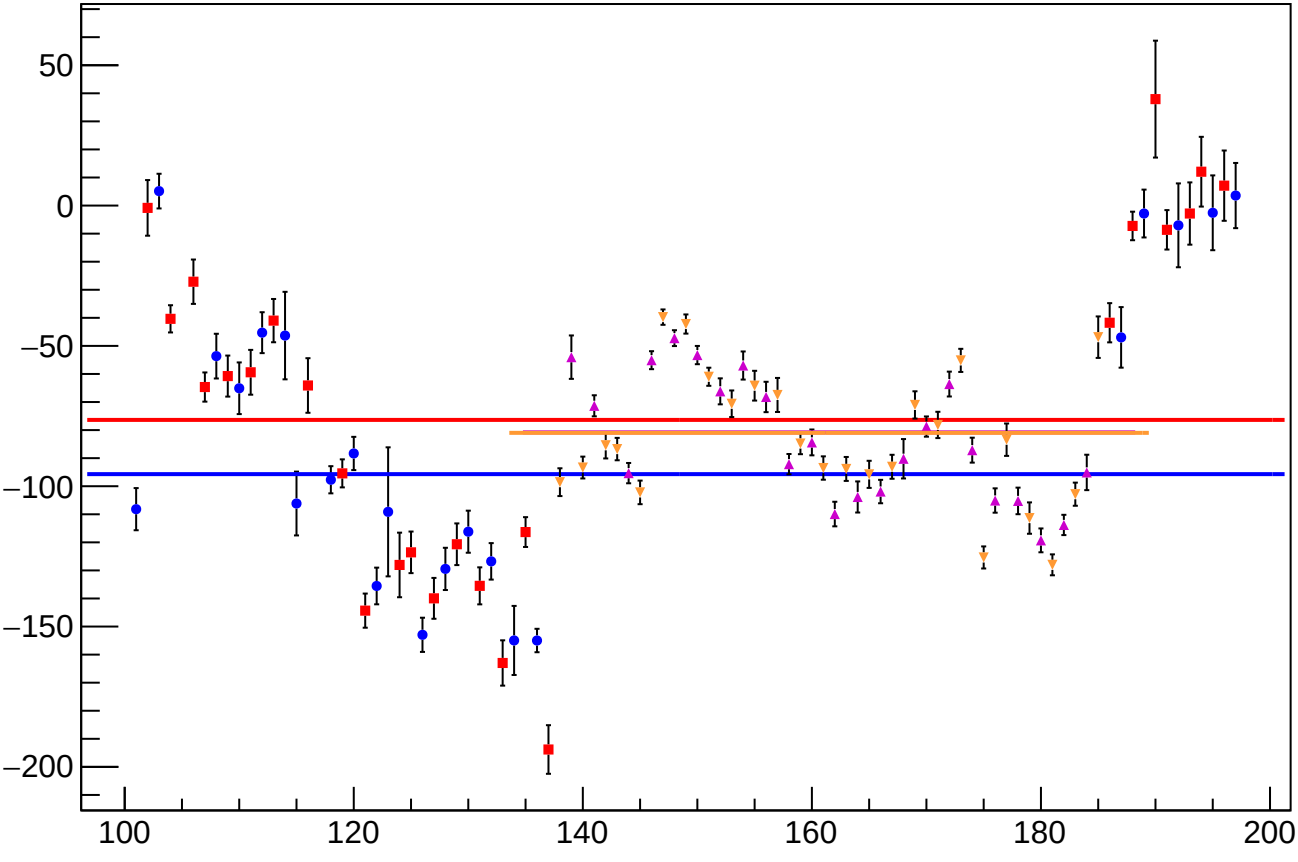
Left In: -251.002+/-0.987 χ^2/NDF:1958.3/22

+ sign -265.155+/-0.855 χ^2/NDF: 5573.2/46

All: -268.923+/-0.576 χ^2/NDF: 15873.9/94

- sign -272.066+/-0.781 χ^2/NDF: 10265.1/47

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -95.692+/-1.604 χ^2/NDF: 1065.9/21

Left Out: -80.981+/-0.846 χ^2/NDF:911.2/24

Right Out: -76.370+/-1.433 χ^2/NDF: 1408.0/24

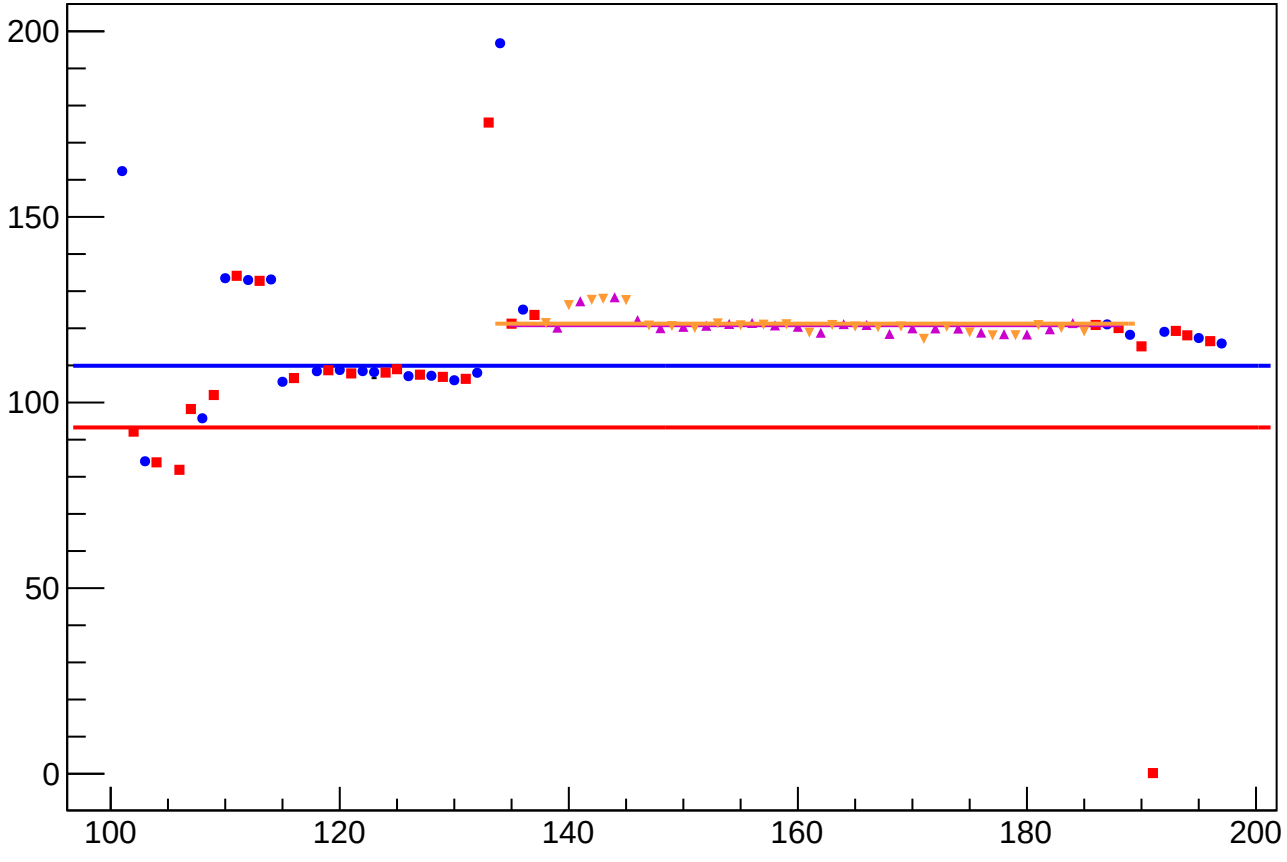
Left In: -80.803+/-0.870 χ^2/NDF:695.4/22

+ sign -84.183+/-0.748 χ^2/NDF: 2042.9/46

All: -81.881+/-0.527 χ^2/NDF: 4172.1/94

- sign -79.610+/-0.743 χ^2/NDF: 2110.4/47

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 109.905+/-0.078 χ^2/NDF: 75265.5/21

Left Out: 121.248+/-0.040 χ^2/NDF:4820.1/24

Right Out: 93.290+/-0.066 χ^2/NDF: 328094.2/24

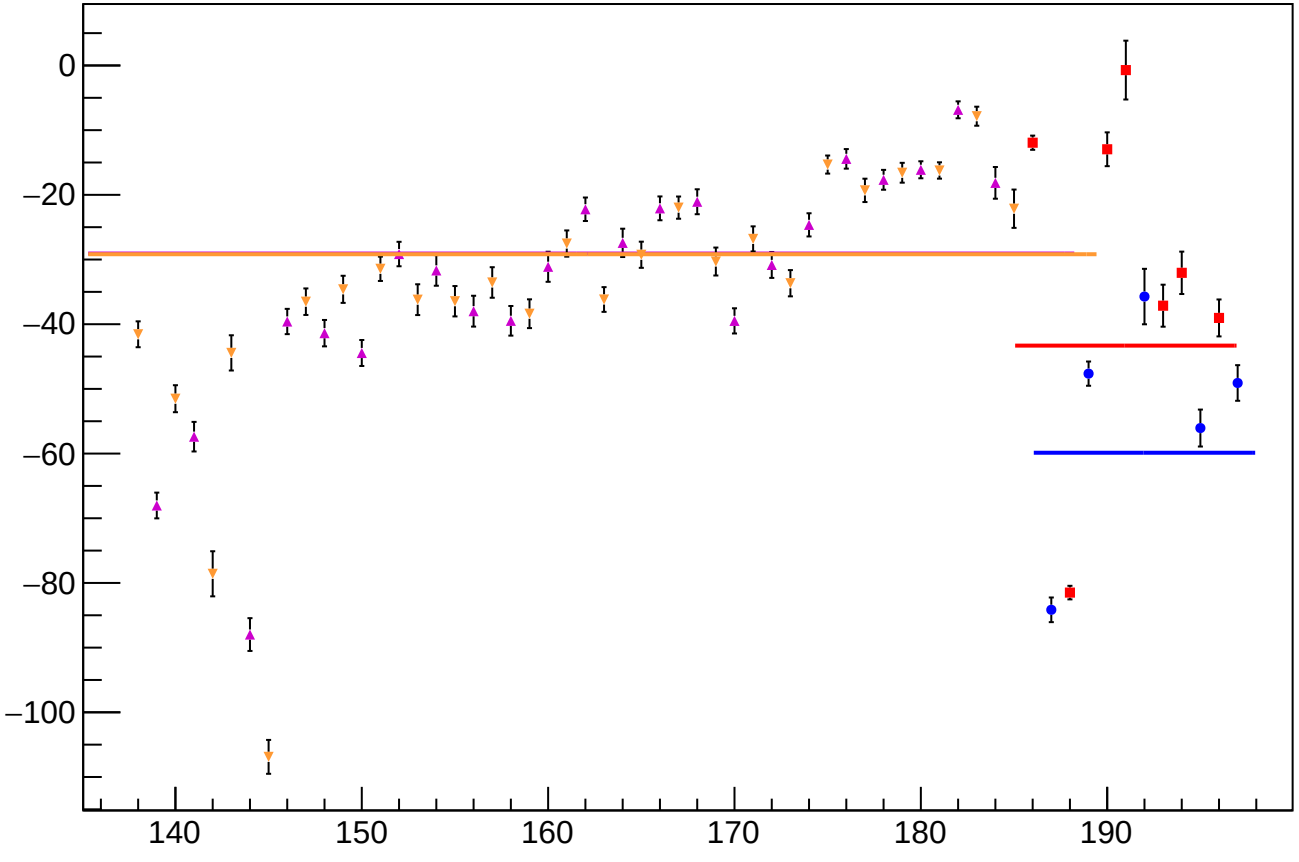
Left In: 120.834+/-0.041 χ^2/NDF:3372.4/22

+ sign 118.865+/-0.036 χ^2/NDF: 96795.8/46

All: 116.026+/-0.025 χ^2/NDF: 565772.1/94

- sign 113.367+/-0.035 χ^2/NDF: 456760.3/47

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -59.871+/-1.073 χ^2/NDF: 253.8/4

Left Out: -29.182+/-0.389 χ^2/NDF:1880.4/24

Right Out: -43.309+/-0.668 χ^2/NDF: 2380.7/6

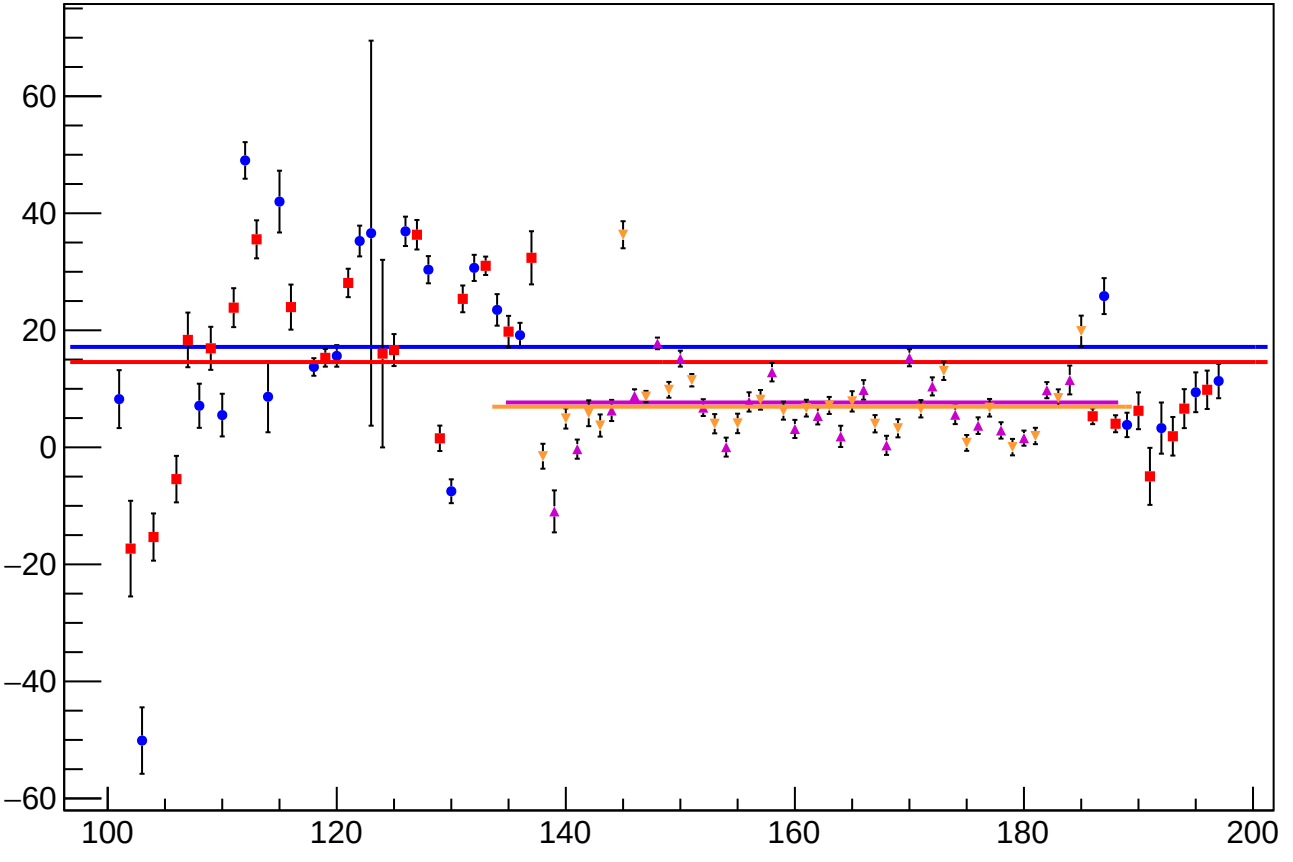
Left In: -29.073+/-0.394 χ^2/NDF:1872.4/22

+ sign -32.751+/-0.366 χ^2/NDF: 2857.3/29

All: -32.749+/-0.249 χ^2/NDF: 7447.7/59

- sign -32.747+/-0.339 χ^2/NDF: 4590.4/29

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 17.161+/-0.577 χ^2/NDF: 694.4/21

Left Out: 6.943+/-0.304 χ^2/NDF:322.6/24

Right Out: 14.575+/-0.509 χ^2/NDF: 590.5/24

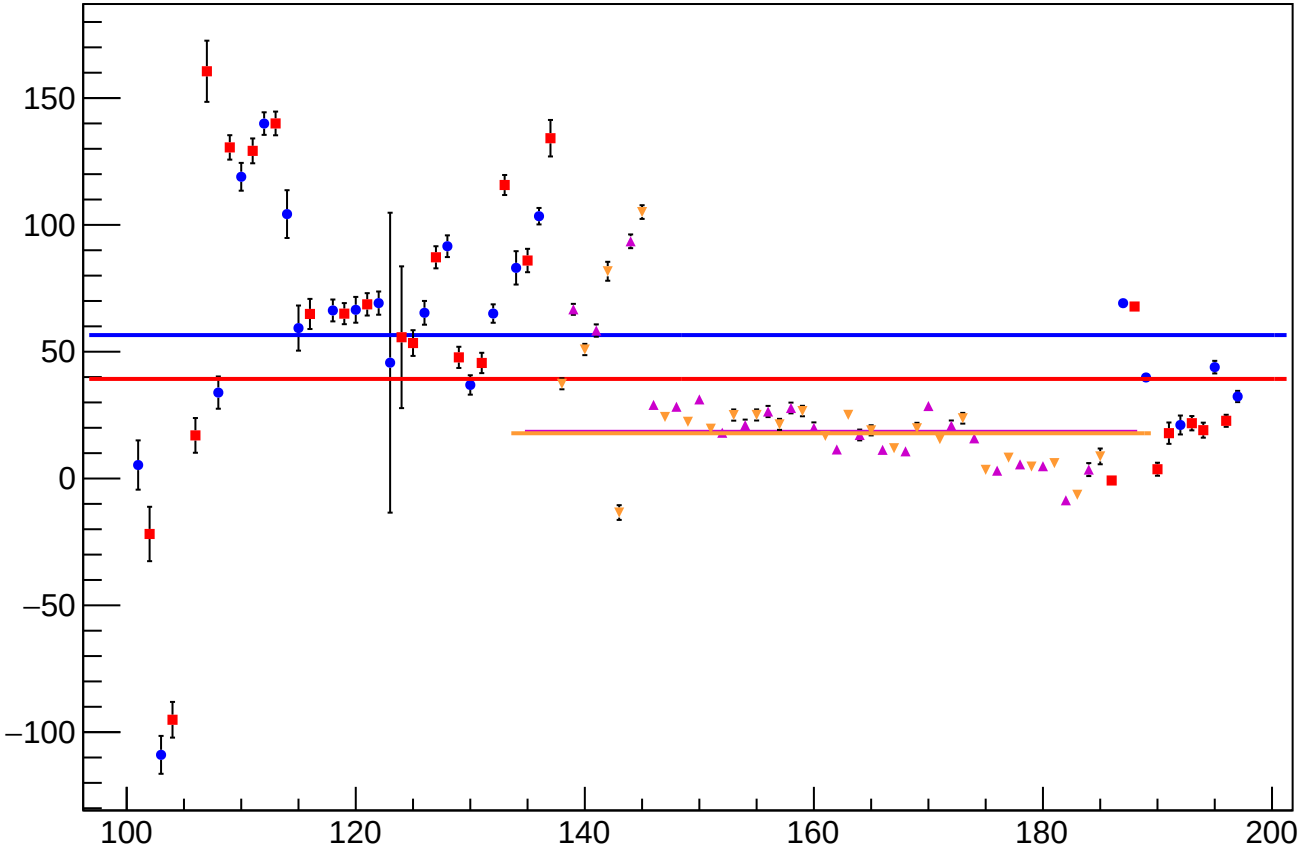
Left In: 7.666+/-0.313 χ^2/NDF:341.1/22

+ sign 9.160+/-0.269 χ^2/NDF: 1262.7/46

All: 9.360+/-0.189 χ^2/NDF: 2329.0/94

- sign 9.557+/-0.267 χ^2/NDF: 1065.2/47

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 56.556+/-0.725 χ^2/NDF: 1790.5/21

Left Out: 17.841+/-0.388 χ^2/NDF:2399.7/24

Right Out: 39.268+/-0.501 χ^2/NDF: 6131.6/24

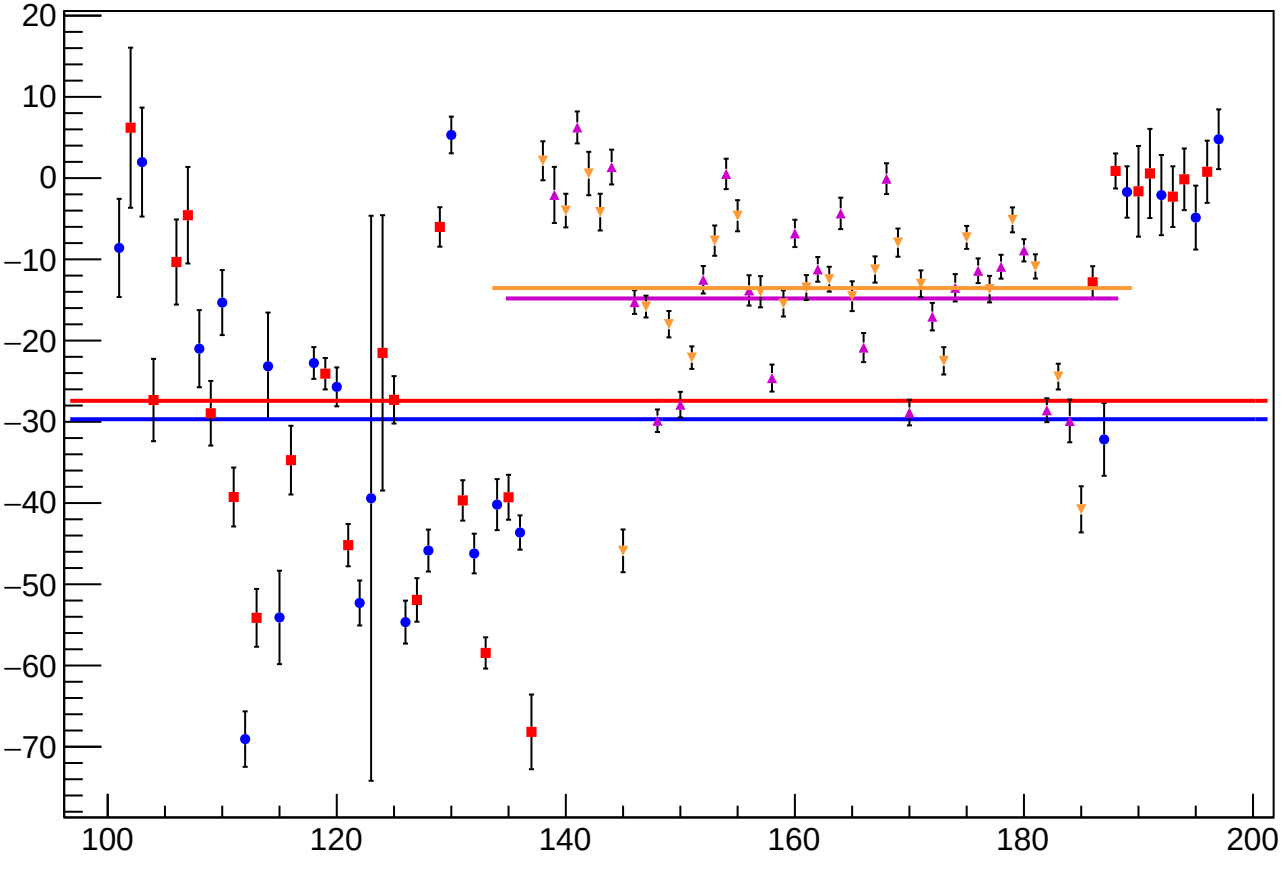
Left In: 18.416+/-0.391 χ^2/NDF:2468.4/22

+ sign 26.450+/-0.342 χ^2/NDF: 6406.3/46

All: 26.380+/-0.229 χ^2/NDF: 16083.5/94

- sign 26.323+/-0.308 χ^2/NDF: 9677.1/47

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -29.681+/-0.678 χ^2/NDF: 991.3/21

Left Out: -13.535+/-0.345 χ^2/NDF:574.6/24

Right Out: -27.413+/-0.622 χ^2/NDF: 1124.1/24

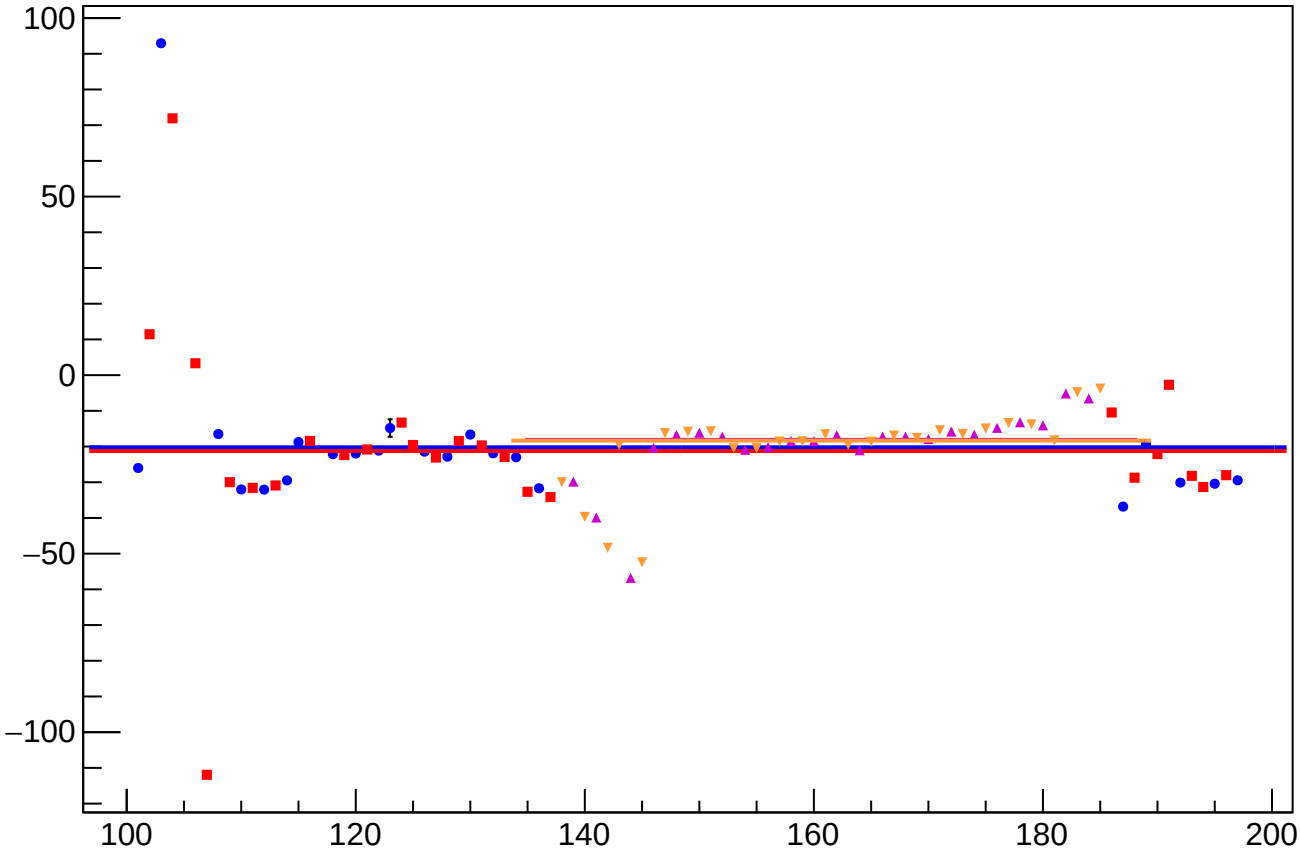
Left In: -14.815+/-0.353 χ^2/NDF:838.2/22

+ sign -16.849+/-0.307 χ^2/NDF: 2016.3/46

All: -17.369+/-0.217 χ^2/NDF: 4294.8/94

- sign -17.888+/-0.307 χ^2/NDF: 2272.8/47

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -20.218+/-0.036 χ^2/NDF: 502989.8/21

Left Out: -18.337+/-0.016 χ^2/NDF:283793.3/24

Right Out: -21.245+/-0.033 χ^2/NDF: 477287.4/24

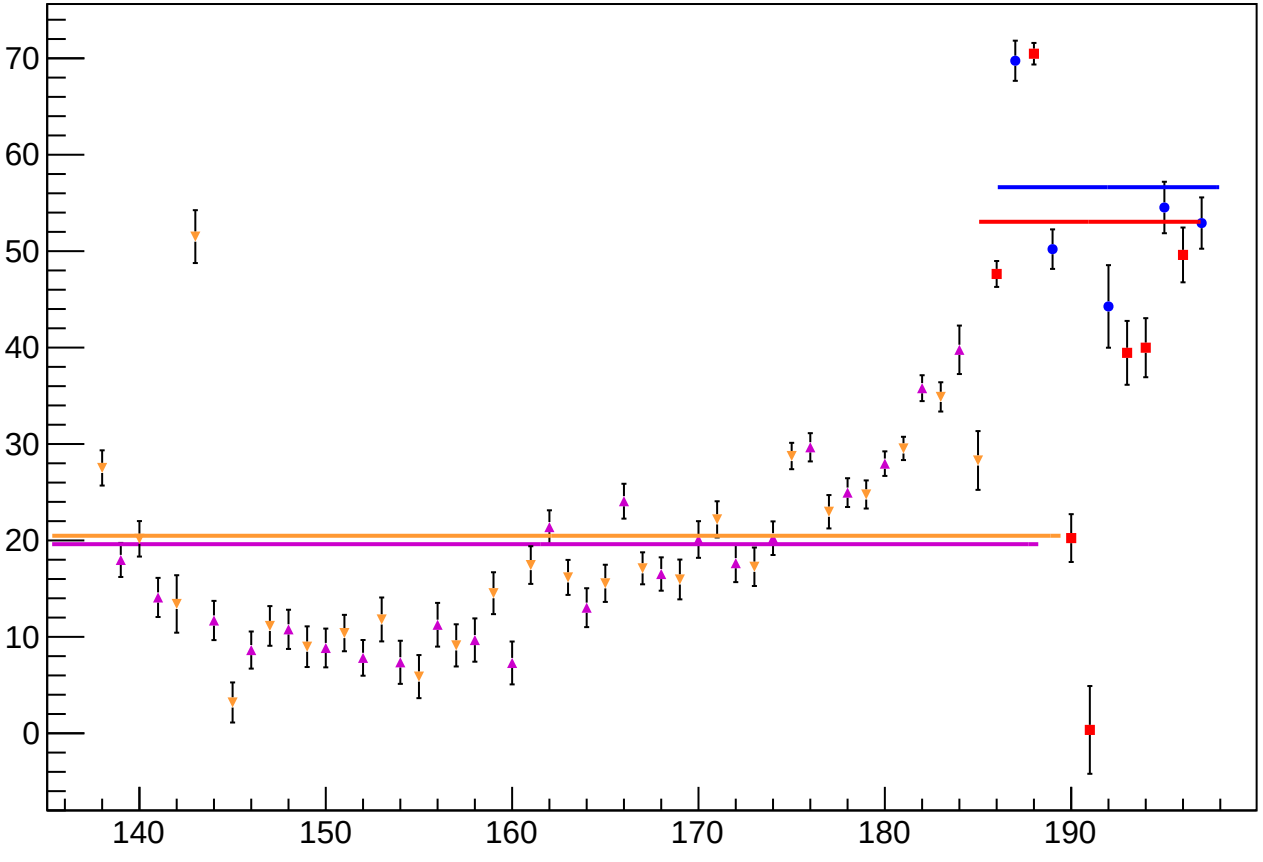
Left In: -18.135+/-0.016 χ^2/NDF:245650.3/22

+ sign -18.638+/-0.015 χ^2/NDF: 789026.2/46

All: -18.686+/-0.010 χ^2/NDF: 1519234.2/94

- sign -18.733+/-0.014 χ^2/NDF: 730186.4/47

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 56.634+/-1.115 χ^2/NDF: 60.4/4

Left Out: 20.485+/-0.374 χ^2/NDF:615.7/24

Right Out: 53.047+/-0.728 χ^2/NDF: 604.7/6

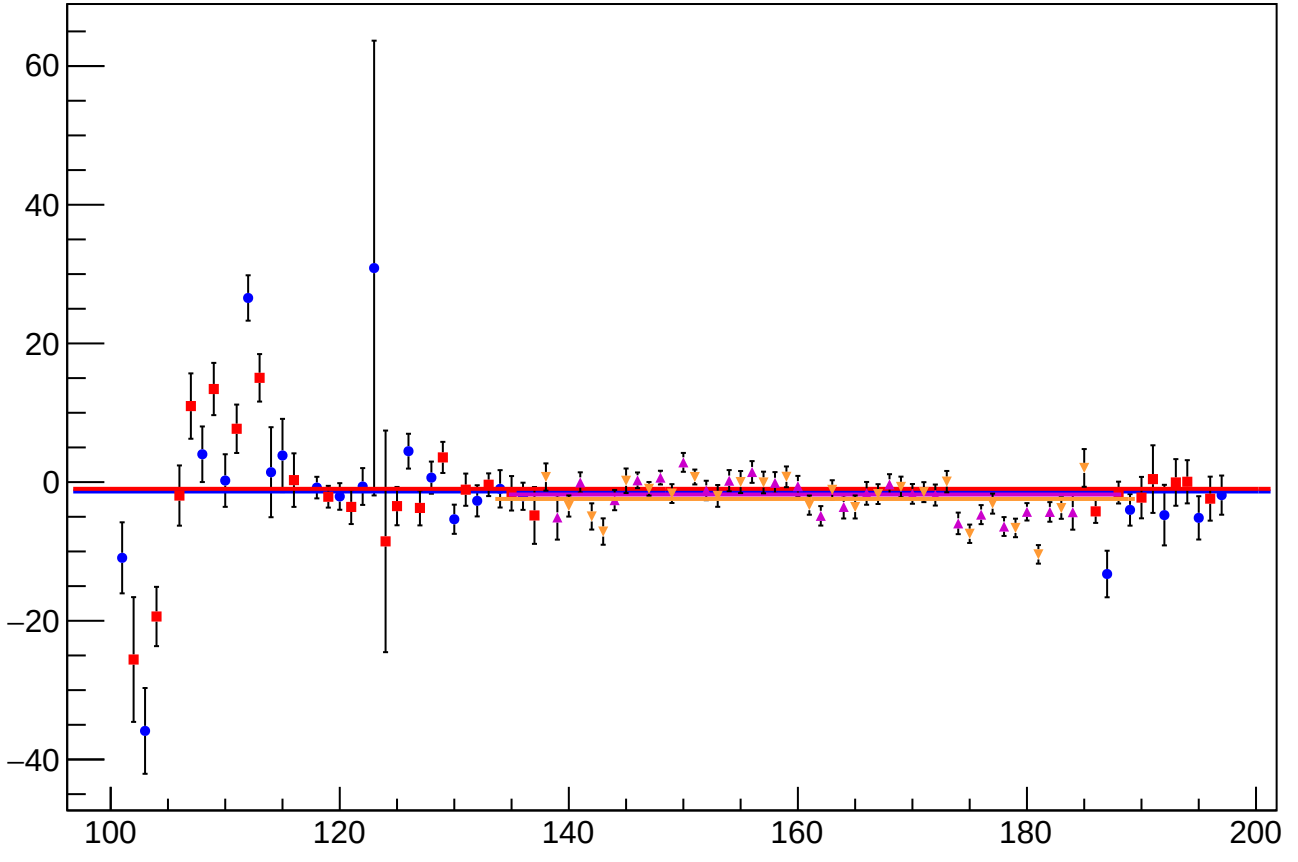
Left In: 19.612+/-0.379 χ^2/NDF:572.7/22

+ sign 24.136+/-0.354 χ^2/NDF: 1621.4/29

All: 25.501+/-0.244 χ^2/NDF: 4486.8/59

- sign 26.729+/-0.336 χ^2/NDF: 2837.2/29

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -1.354+/-0.587 χ^2/NDF: 138.1/21

Left Out: -2.429+/-0.293 χ^2/NDF:103.7/24

Right Out: -0.969+/-0.533 χ^2/NDF: 88.8/24

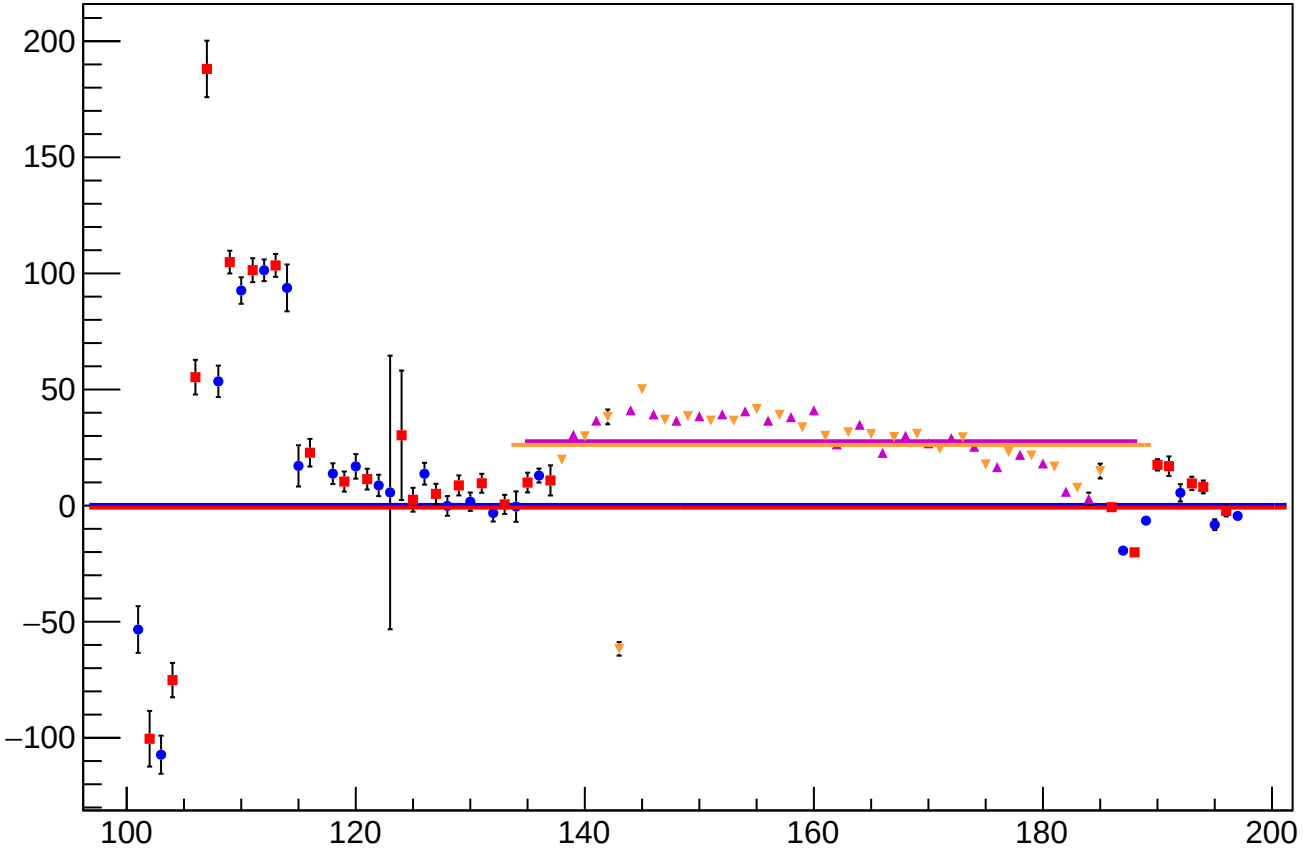
Left In: -1.791+/-0.301 χ^2/NDF:70.1/22

+ sign -2.214+/-0.262 χ^2/NDF: 244.5/46

All: -1.904+/-0.185 χ^2/NDF: 408.0/94

- sign -1.592+/-0.262 χ^2/NDF: 160.7/47

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 0.295+/-0.748 χ^2/NDF: 1299.3/21

Left Out: 26.164+/-0.373 χ^2/NDF:1577.6/24

Right Out: -0.852+/-0.543 χ^2/NDF: 2386.2/24

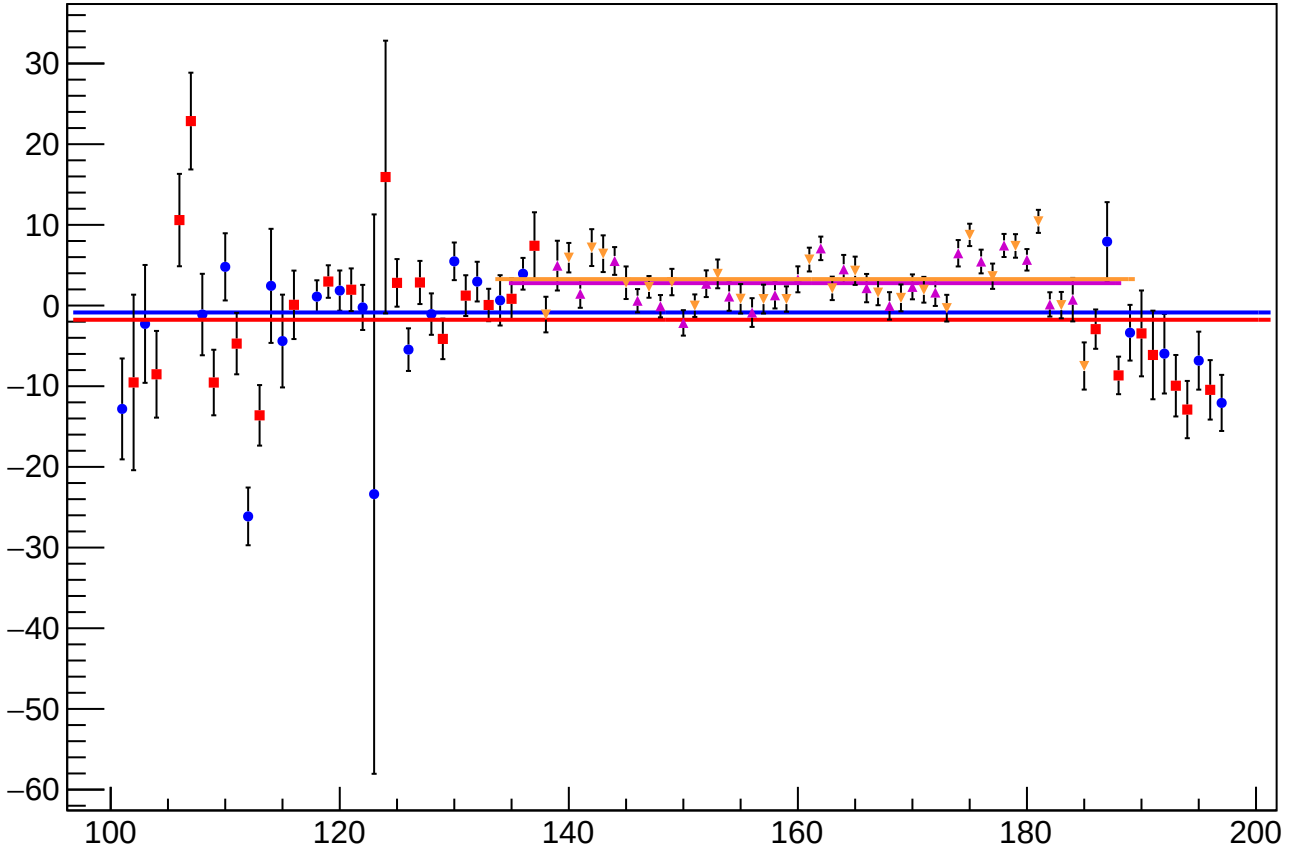
Left In: 27.725+/-0.377 χ^2/NDF:805.1/22

+ sign 21.021+/-0.334 χ^2/NDF: 3834.0/46

All: 19.634+/-0.227 χ^2/NDF: 8927.2/94

- sign 18.442+/-0.309 χ^2/NDF: 5061.1/47

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.858+/-0.684 χ^2/NDF: 95.7/21

Left Out: 3.275+/-0.332 χ^2/NDF:101.8/24

Right Out: -1.764+/-0.642 χ^2/NDF: 90.8/24

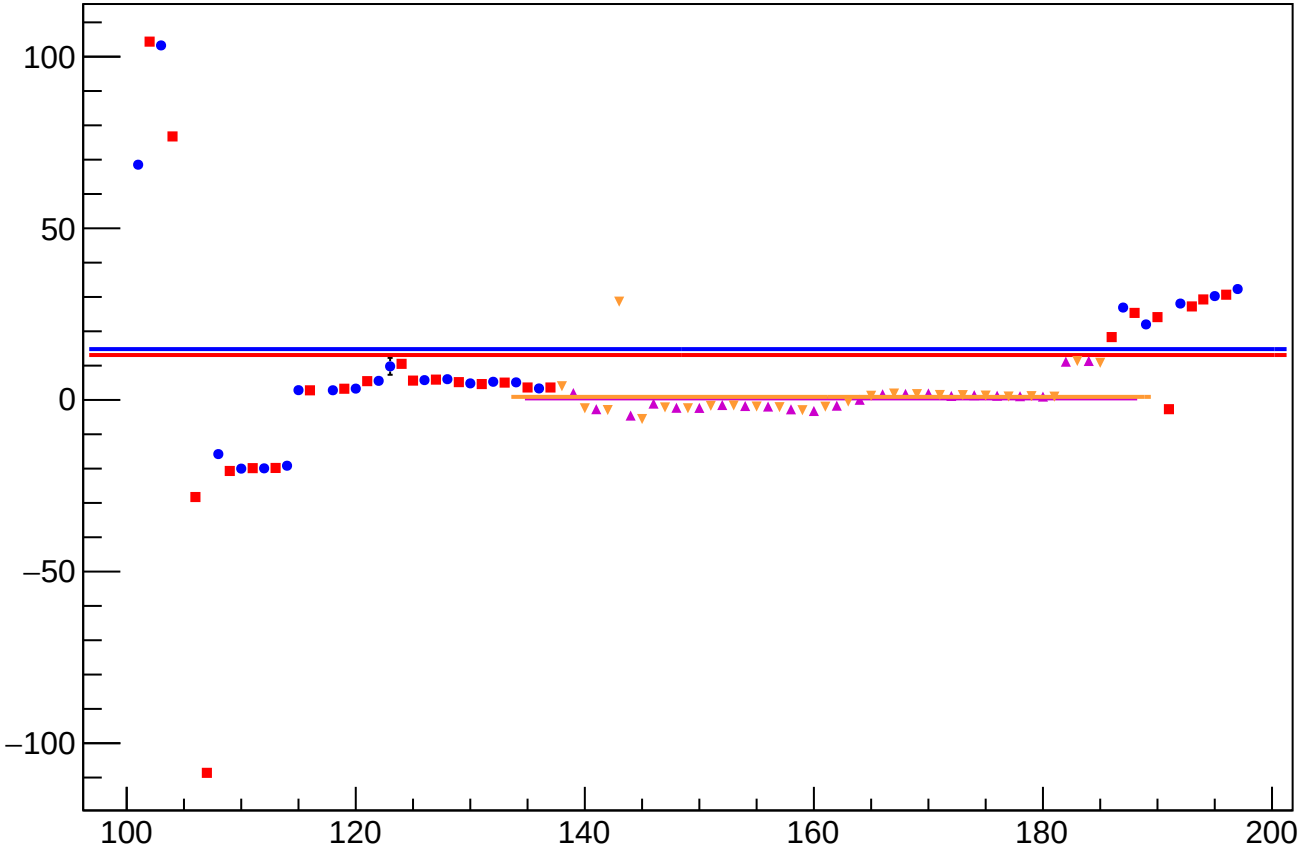
Left In: 2.777+/-0.340 χ^2/NDF:66.5/22

+ sign 2.488+/-0.299 χ^2/NDF: 227.0/46

All: 2.137+/-0.212 χ^2/NDF: 426.1/94

- sign 1.782+/-0.301 χ^2/NDF: 196.3/47

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 14.815+/-0.036 χ^2/NDF: 439174.3/21

Left Out: 0.898+/-0.015 χ^2/NDF:108195.0/24

Right Out: 13.086+/-0.033 χ^2/NDF: 640552.5/24

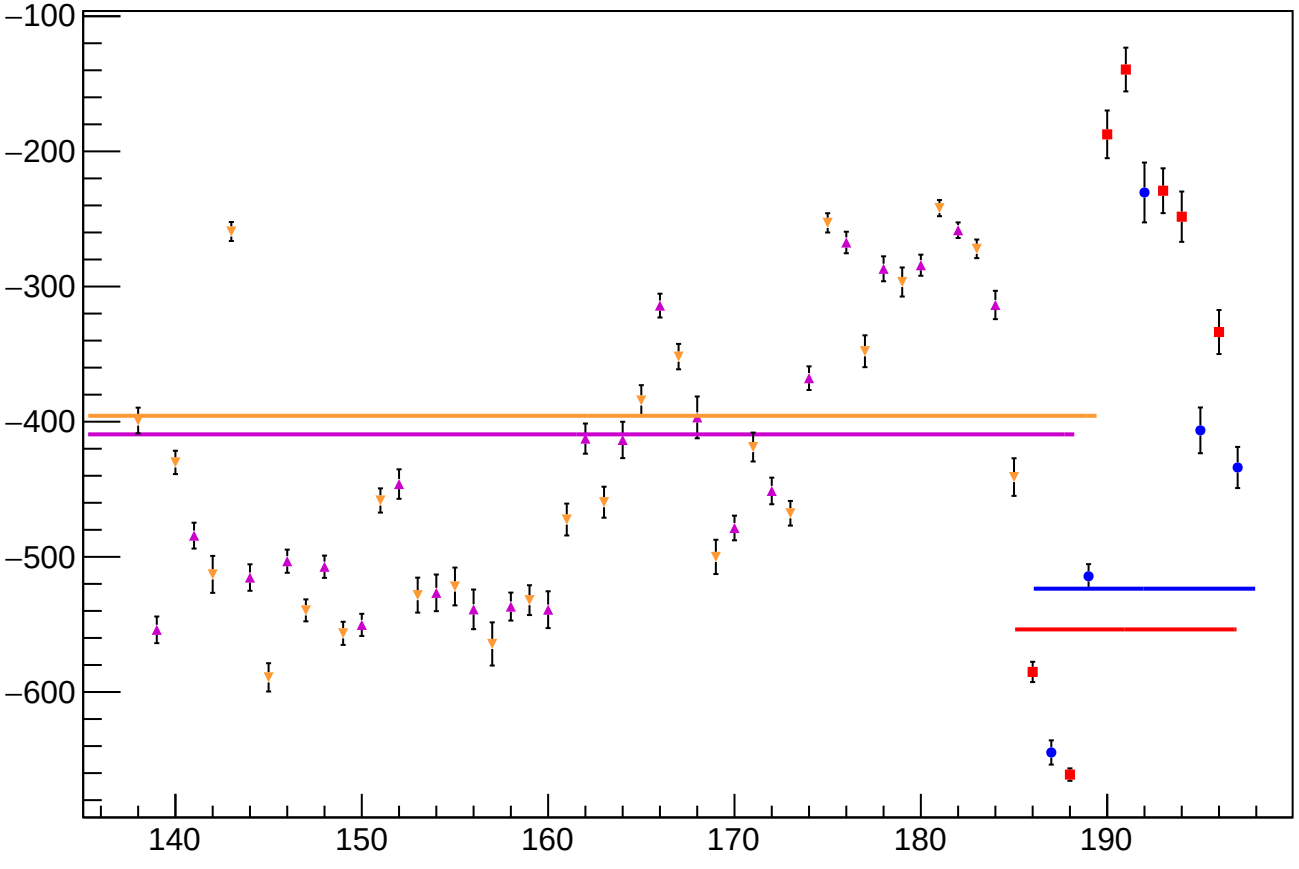
Left In: 0.448+/-0.015 χ^2/NDF:50533.6/22

+ sign 3.010+/-0.014 χ^2/NDF: 674395.4/46

All: 2.847+/-0.010 χ^2/NDF: 1485701.9/94

- sign 2.687+/-0.014 χ^2/NDF: 811038.3/47

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -523.554+/-5.369 χ^2/NDF: 441.8/4

Left Out: -395.638+/-1.909 χ^2/NDF:3704.0/24

Right Out: -553.686+/-3.482 χ^2/NDF: 2485.0/6

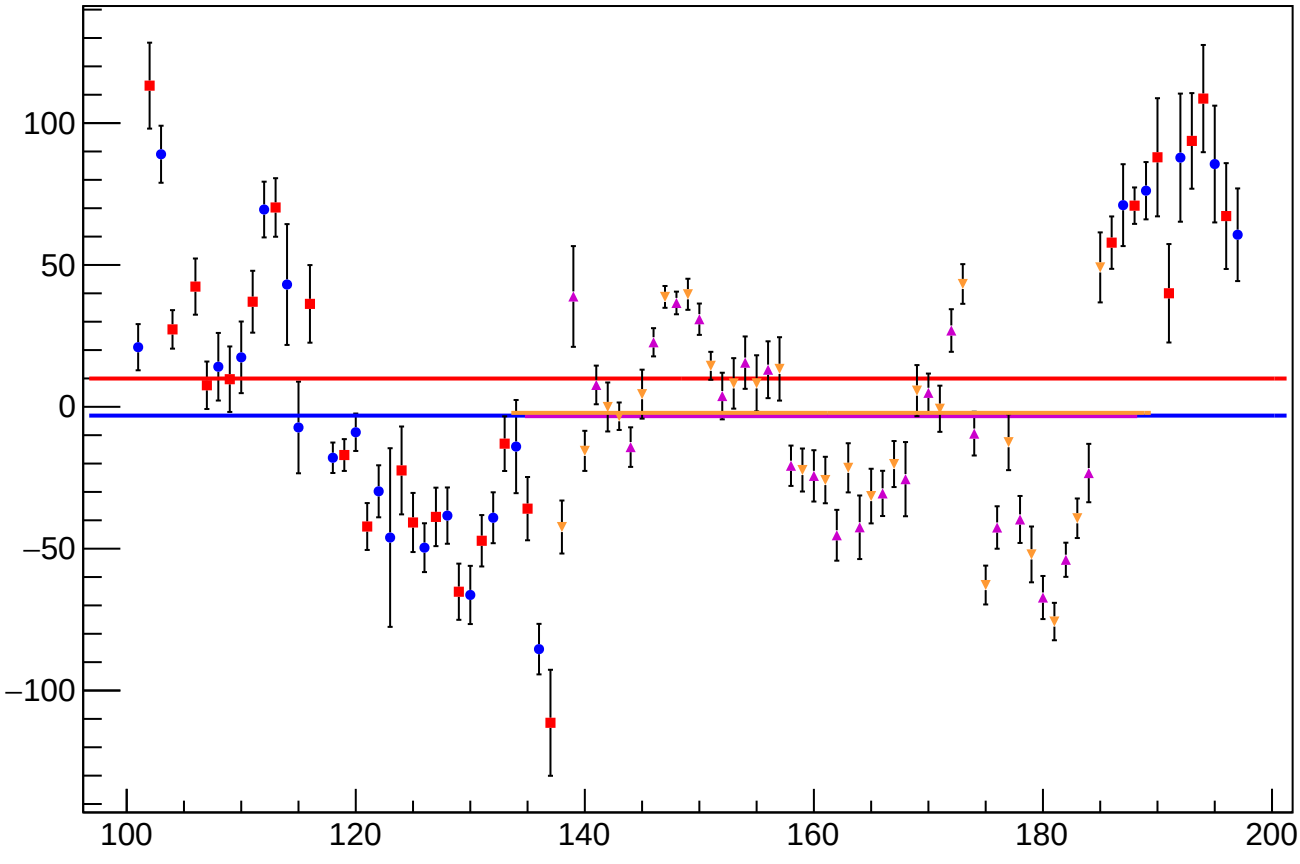
Left In: -409.377+/-1.971 χ^2/NDF:3096.1/22

+ sign -409.996+/-1.799 χ^2/NDF: 4649.8/29

All: -428.018+/-1.241 χ^2/NDF: 11723.5/59

- sign -444.411+/-1.715 χ^2/NDF: 6882.0/29

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -3.098+/-2.182 χ^2/NDF: 495.7/21

Left Out: -2.133+/-1.435 χ^2/NDF:562.8/24

Right Out: 9.971+/-2.019 χ^2/NDF: 578.7/24

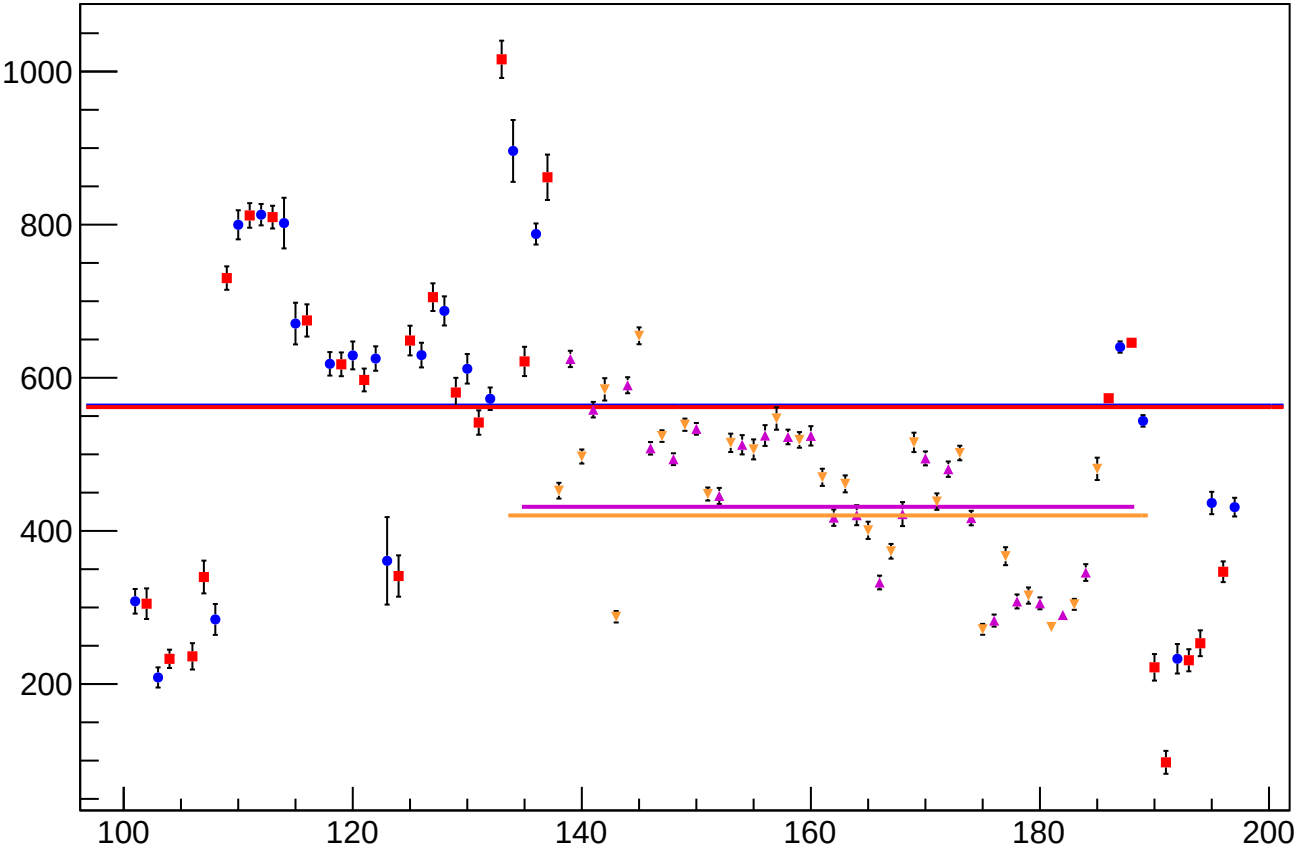
Left In: -3.290+/-1.517 χ^2/NDF:454.5/22

+ sign -2.425+/-1.199 χ^2/NDF: 1058.6/46

All: -0.488+/-0.853 χ^2/NDF: 2124.7/94

- sign 1.493+/-1.213 χ^2/NDF: 1060.8/47

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 563.712+/-3.104 χ^2/NDF: 2766.8/21

Left Out: 420.181+/-1.916 χ^2/NDF:3241.0/24

Right Out: 561.711+/-2.352 χ^2/NDF: 5665.3/24

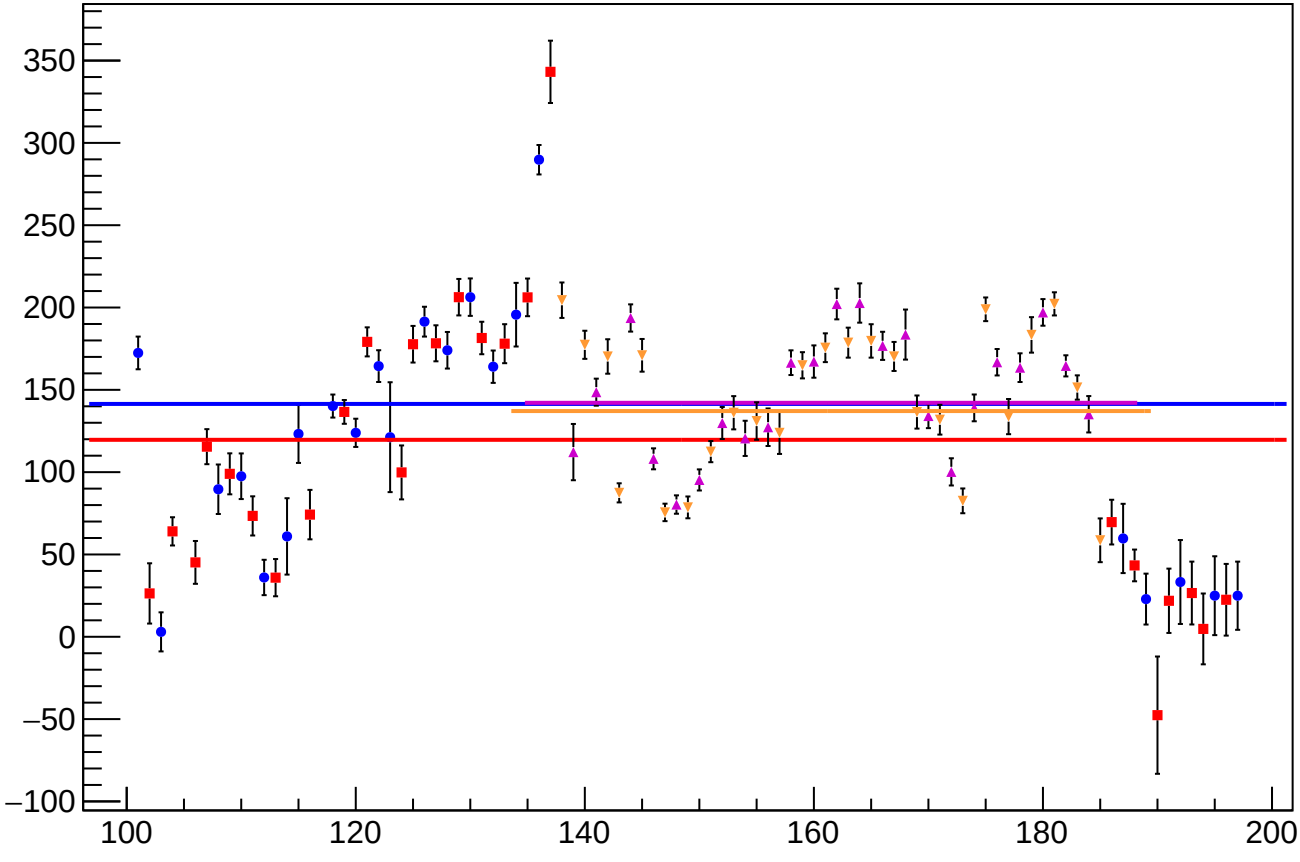
Left In: 431.487+/-1.964 χ^2/NDF:2897.1/22

+ sign 459.769+/-1.630 χ^2/NDF: 7556.2/46

All: 473.369+/-1.107 χ^2/NDF: 18054.3/94

- sign 484.998+/-1.507 χ^2/NDF: 10369.0/47

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 141.441+/-2.566 χ^2/NDF: 794.5/21

Left Out: 137.107+/-1.663 χ^2/NDF:738.9/24

Right Out: 119.641+/-2.412 χ^2/NDF: 808.1/24

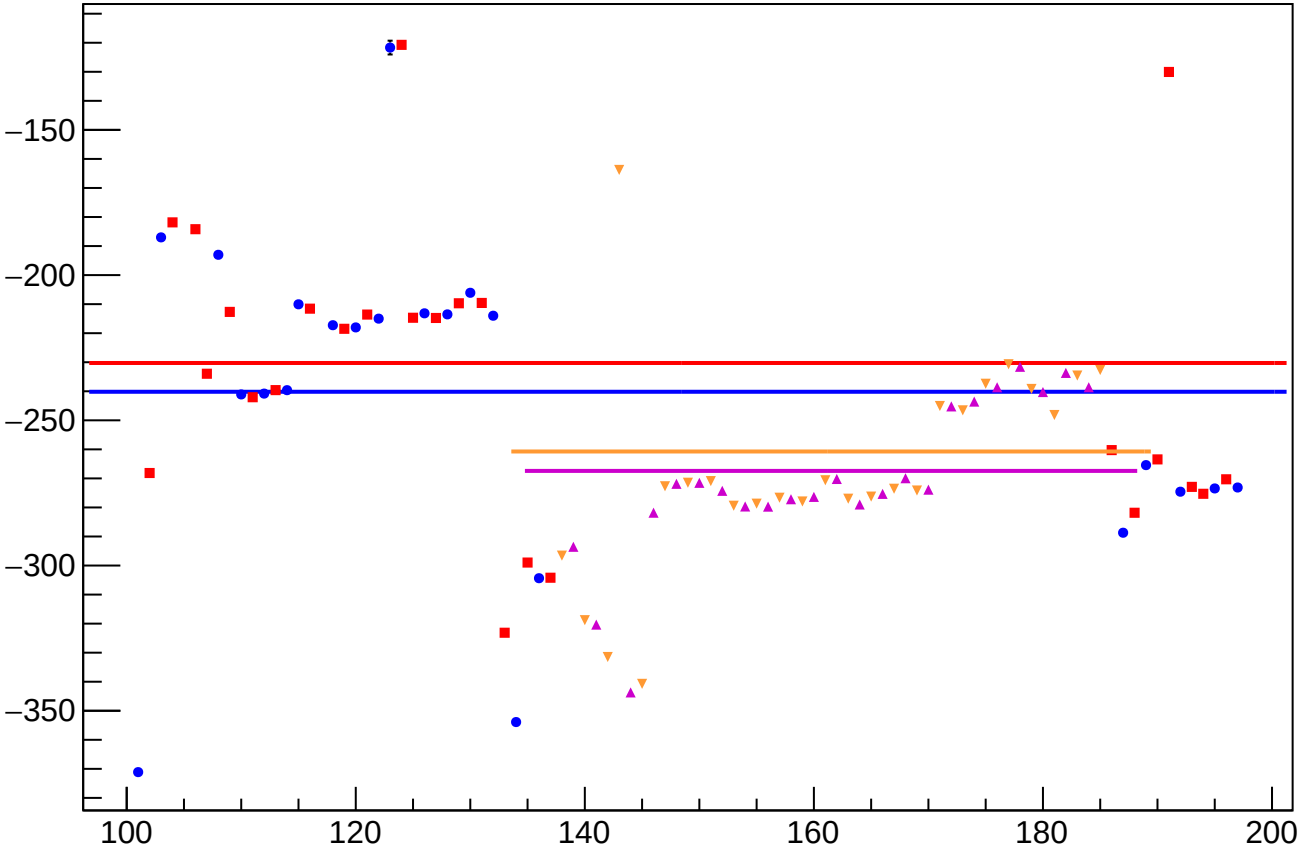
Left In: 142.123+/-1.740 χ^2/NDF:463.8/22

+ sign 138.389+/-1.395 χ^2/NDF: 1535.4/46

All: 136.430+/-0.992 χ^2/NDF: 2868.4/94

- sign 134.426+/-1.411 χ^2/NDF: 1329.0/47

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -240.167+/-0.137 χ^2/NDF: 155675.2/21

Left Out: -260.729+/-0.080 χ^2/NDF:220125.6/24

Right Out: -230.258+/-0.123 χ^2/NDF: 155003.2/24

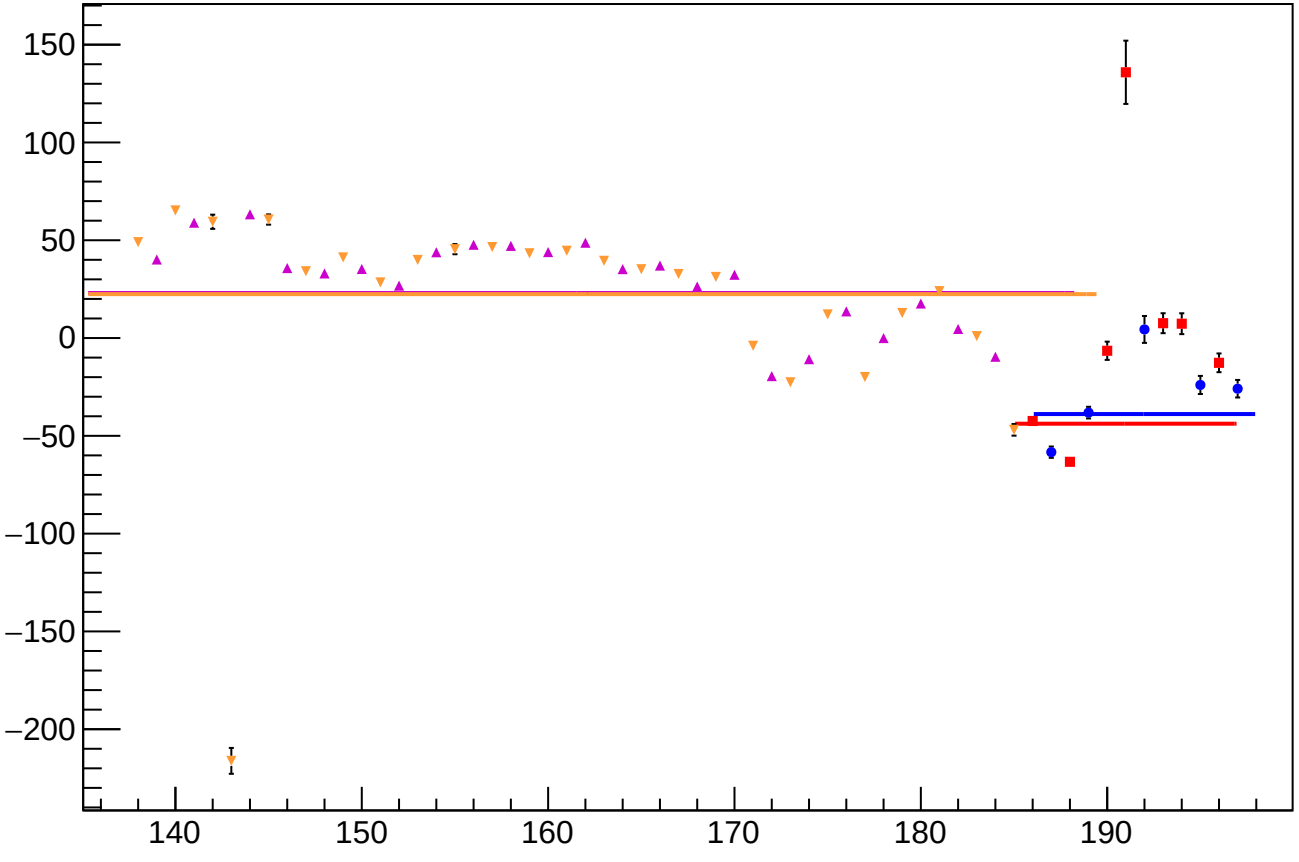
Left In: -267.416+/-0.081 χ^2/NDF:98892.0/22

+ sign -255.525+/-0.069 χ^2/NDF: 392713.3/46

All: -255.806+/-0.048 χ^2/NDF: 710308.3/94

- sign -256.079+/-0.068 χ^2/NDF: 317562.1/47

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -38.866+/-1.691 χ^2/NDF: 103.8/4

Left Out: 22.446+/-0.399 χ^2/NDF:4935.8/24

Right Out: -43.804+/-1.051 χ^2/NDF: 580.1/6

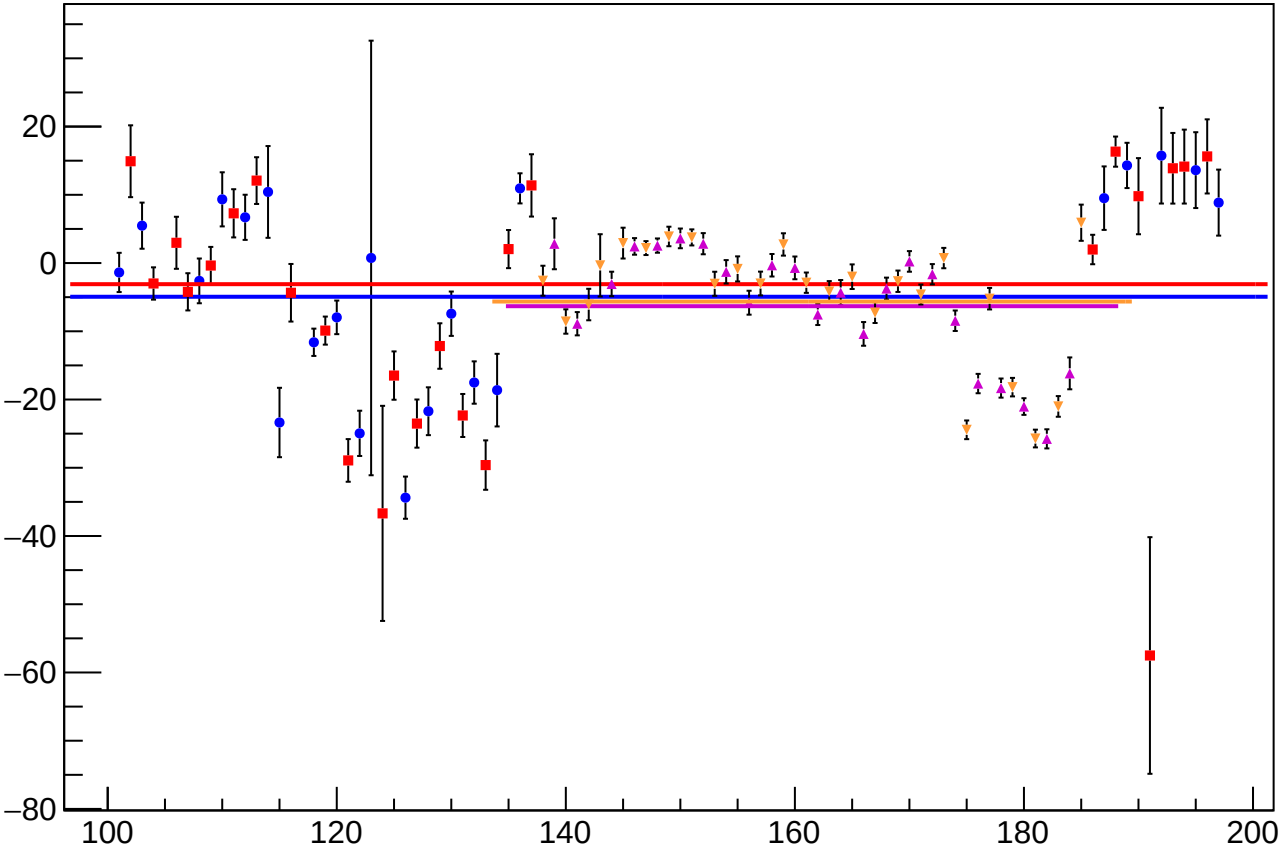
Left In: 23.019+/-0.400 χ^2/NDF:2819.9/22

+ sign 19.213+/-0.388 χ^2/NDF: 6285.5/29

All: 16.802+/-0.269 χ^2/NDF: 13293.6/59

- sign 14.568+/-0.374 χ^2/NDF: 6933.8/29

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -4.940+/-0.729 χ^2/NDF: 364.7/21

Left Out: -5.639+/-0.316 χ^2/NDF:891.5/24

Right Out: -3.096+/-0.662 χ^2/NDF: 418.0/24

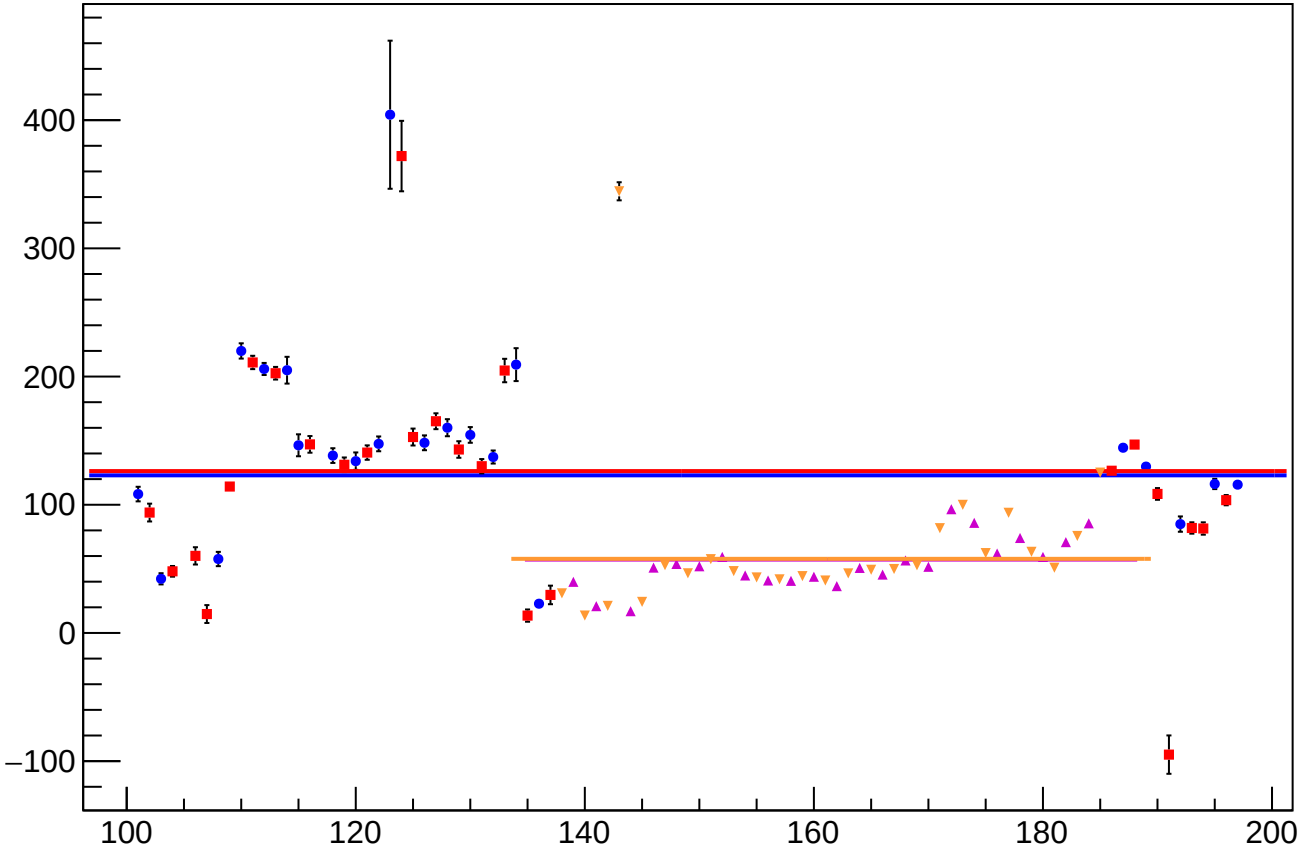
Left In: -6.323+/-0.320 χ^2/NDF:784.4/22

+ sign -5.528+/-0.290 χ^2/NDF: 1257.0/46

All: -5.620+/-0.204 χ^2/NDF: 2478.8/94

- sign -5.712+/-0.288 χ^2/NDF: 1221.6/47

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 122.945+/-0.998 χ^2/NDF: 2314.1/21

Left Out: 57.816+/-0.398 χ^2/NDF:4331.5/24

Right Out: 126.262+/-0.727 χ^2/NDF: 2934.0/24

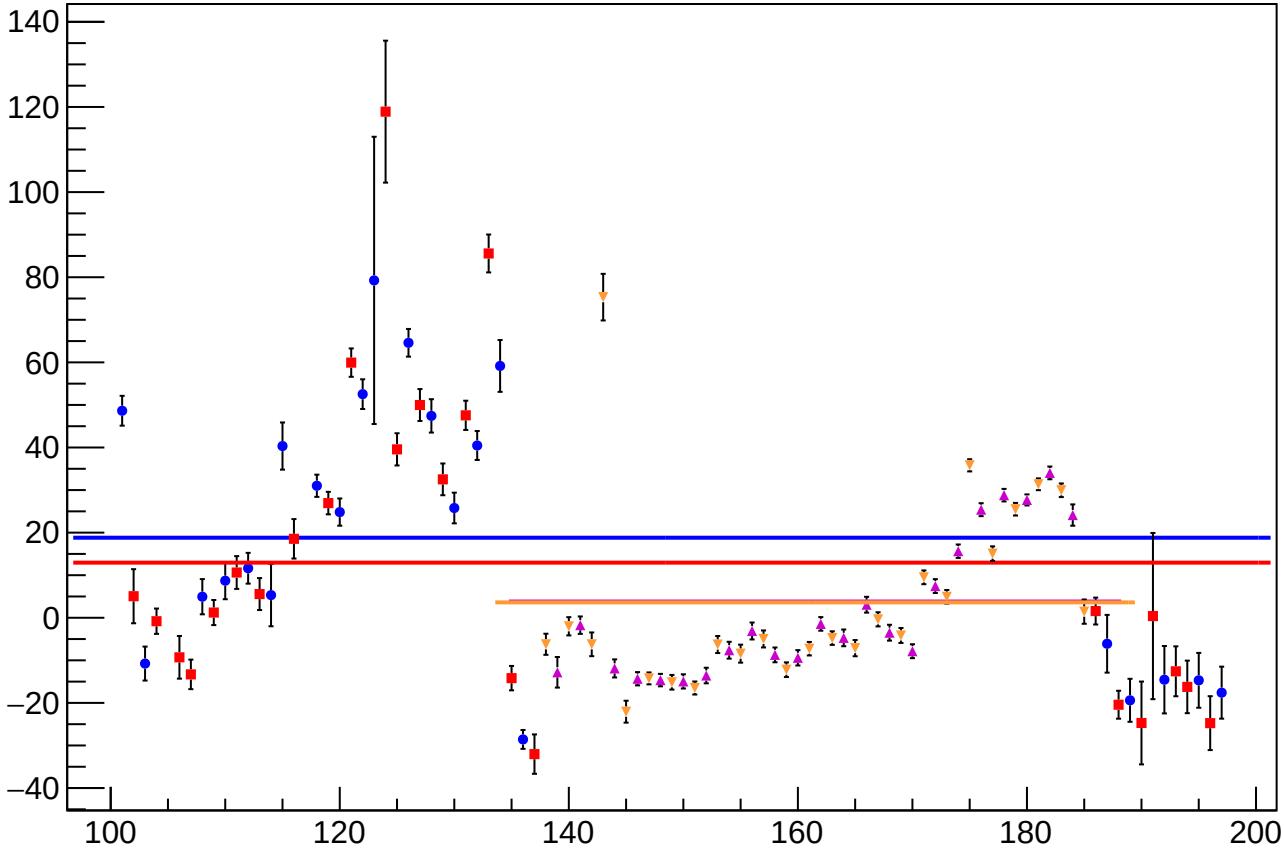
Left In: 57.226+/-0.398 χ^2/NDF:1860.6/22

+ sign 66.752+/-0.370 χ^2/NDF: 10319.6/46

All: 70.124+/-0.254 χ^2/NDF: 22201.9/94

- sign 73.133+/-0.349 χ^2/NDF: 11724.9/47

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 18.807+/-0.847 χ^2/NDF: 1237.5/21

Left Out: 3.615+/-0.357 χ^2/NDF:2501.2/24

Right Out: 12.952+/-0.790 χ^2/NDF: 1323.8/24

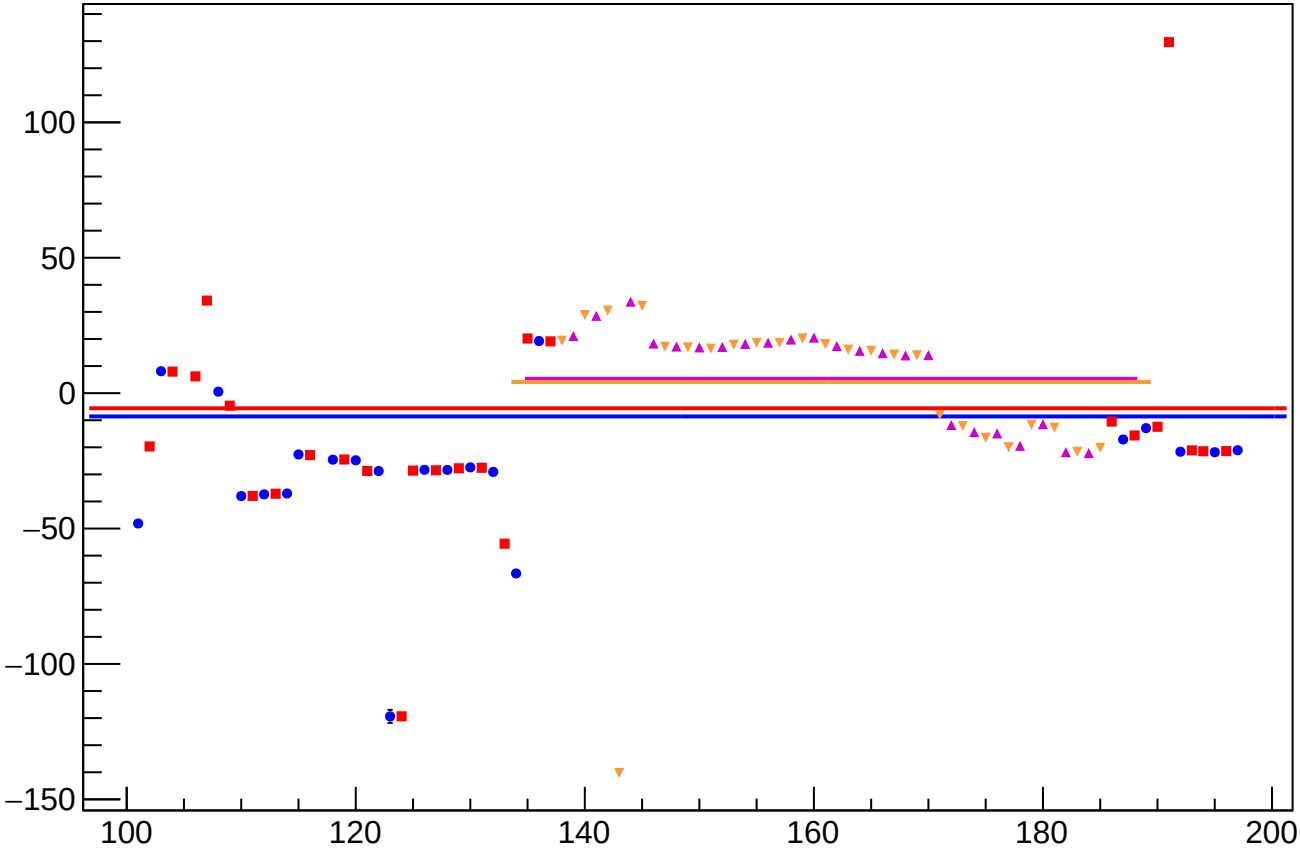
Left In: 3.812+/-0.361 χ^2/NDF:2203.5/22

+ sign 5.902+/-0.329 χ^2/NDF: 4011.7/46

All: 5.644+/-0.232 χ^2/NDF: 7650.9/94

- sign 5.387+/-0.328 χ^2/NDF: 3637.9/47

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -8.595+/-0.042 χ^2/NDF: 279660.8/21

Left Out: 4.121+/-0.016 χ^2/NDF:1340176.5/24

Right Out: -5.596+/-0.040 χ^2/NDF: 357894.6/24

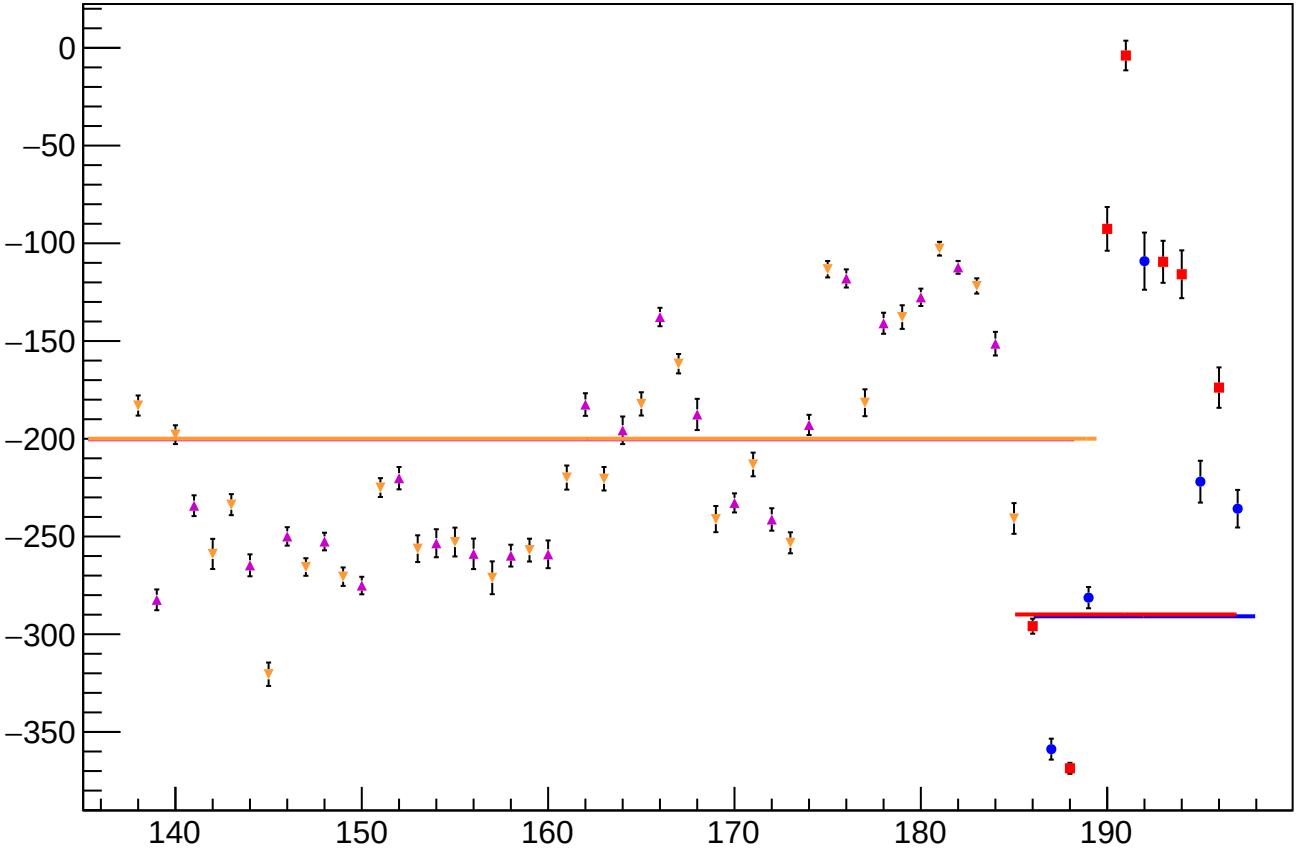
Left In: 5.305+/-0.016 χ^2/NDF:1089610.2/22

+ sign 2.455+/-0.015 χ^2/NDF: 1698913.7/46

All: 3.095+/-0.011 χ^2/NDF: 3214404.8/94

- sign 3.723+/-0.015 χ^2/NDF: 1512006.7/47

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -290.831+/-3.281 χ^2/NDF: 392.8/4

Left Out: -199.957+/-1.082 χ^2/NDF:3220.5/24

Right Out: -289.887+/-2.025 χ^2/NDF: 3127.8/6

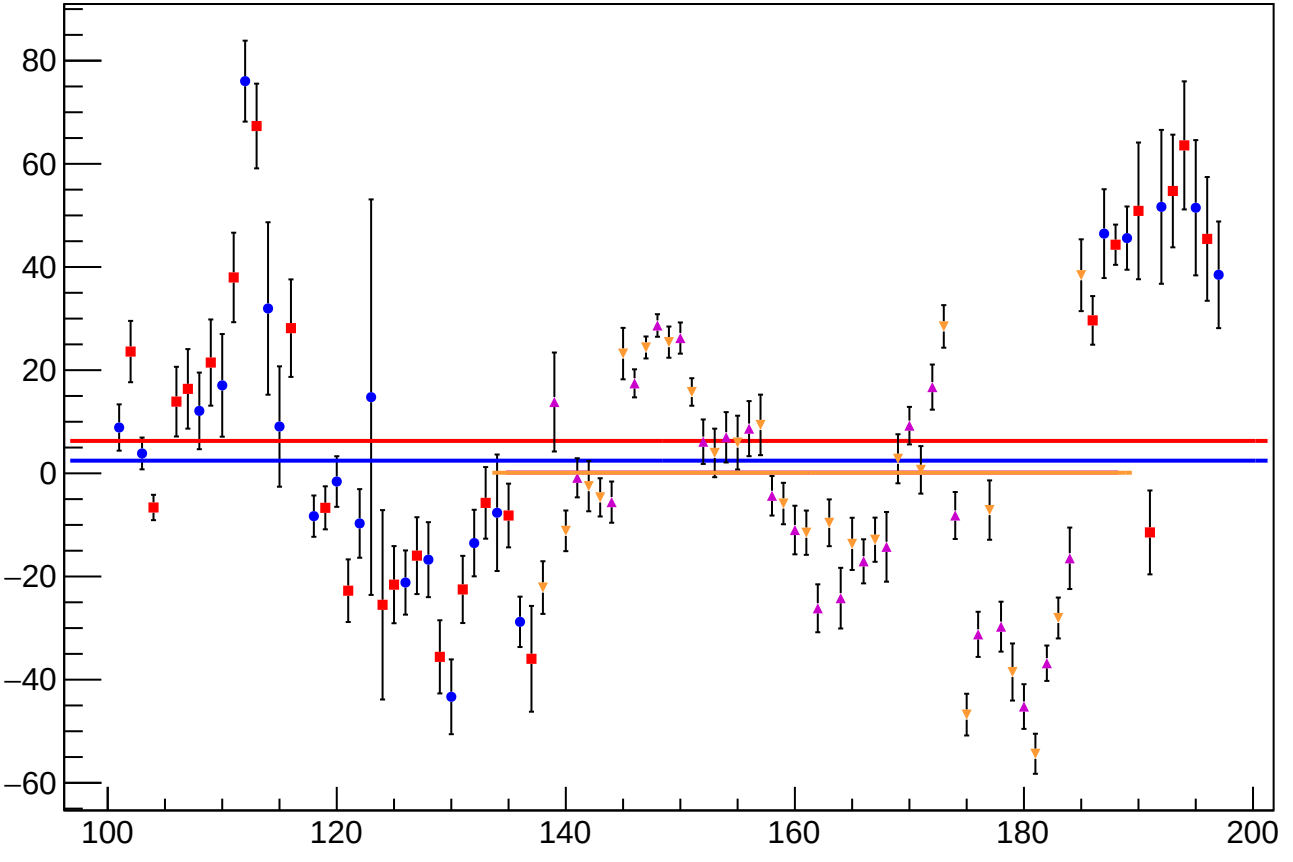
Left In: -200.276+/-1.093 χ^2/NDF:3013.8/22

+ sign -208.865+/-1.027 χ^2/NDF: 4305.4/29

All: -215.062+/-0.702 χ^2/NDF: 12031.1/59

- sign -220.498+/-0.962 χ^2/NDF: 7657.4/29

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 2.457+/-1.367 χ^2/NDF: 330.6/21

Left Out: 0.116+/-0.810 χ^2/NDF:830.1/24

Right Out: 6.285+/-1.228 χ^2/NDF: 441.9/24

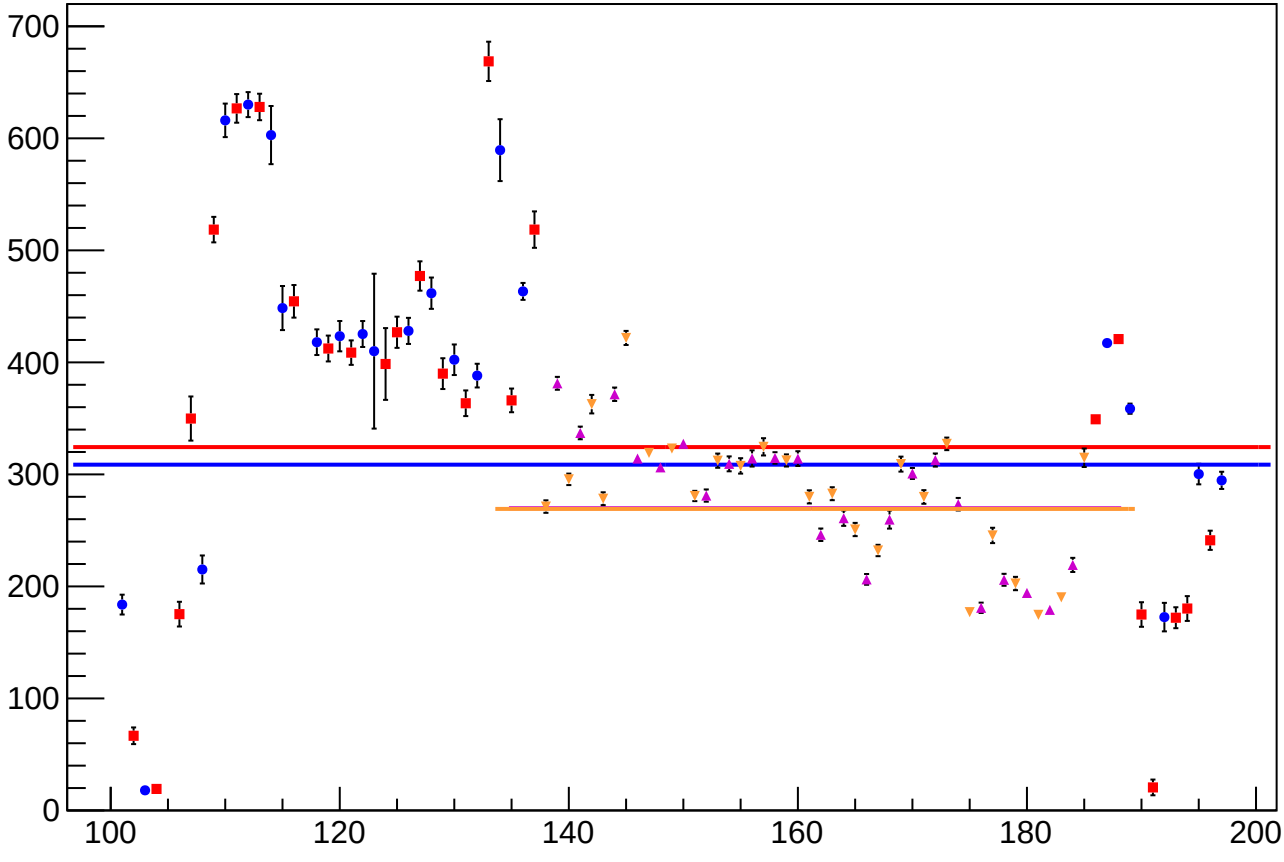
Left In: 0.153+/-0.836 χ^2/NDF:719.6/22

+ sign 0.725+/-0.697 χ^2/NDF: 1162.9/46

All: 1.416+/-0.491 χ^2/NDF: 2343.5/94

- sign 2.096+/-0.691 χ^2/NDF: 1178.6/47

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 308.681+/-1.832 χ^2/NDF: 8799.7/21

Left Out: 269.181+/-1.081 χ^2/NDF:3148.5/24

Right Out: 324.373+/-1.376 χ^2/NDF: 13267.2/24

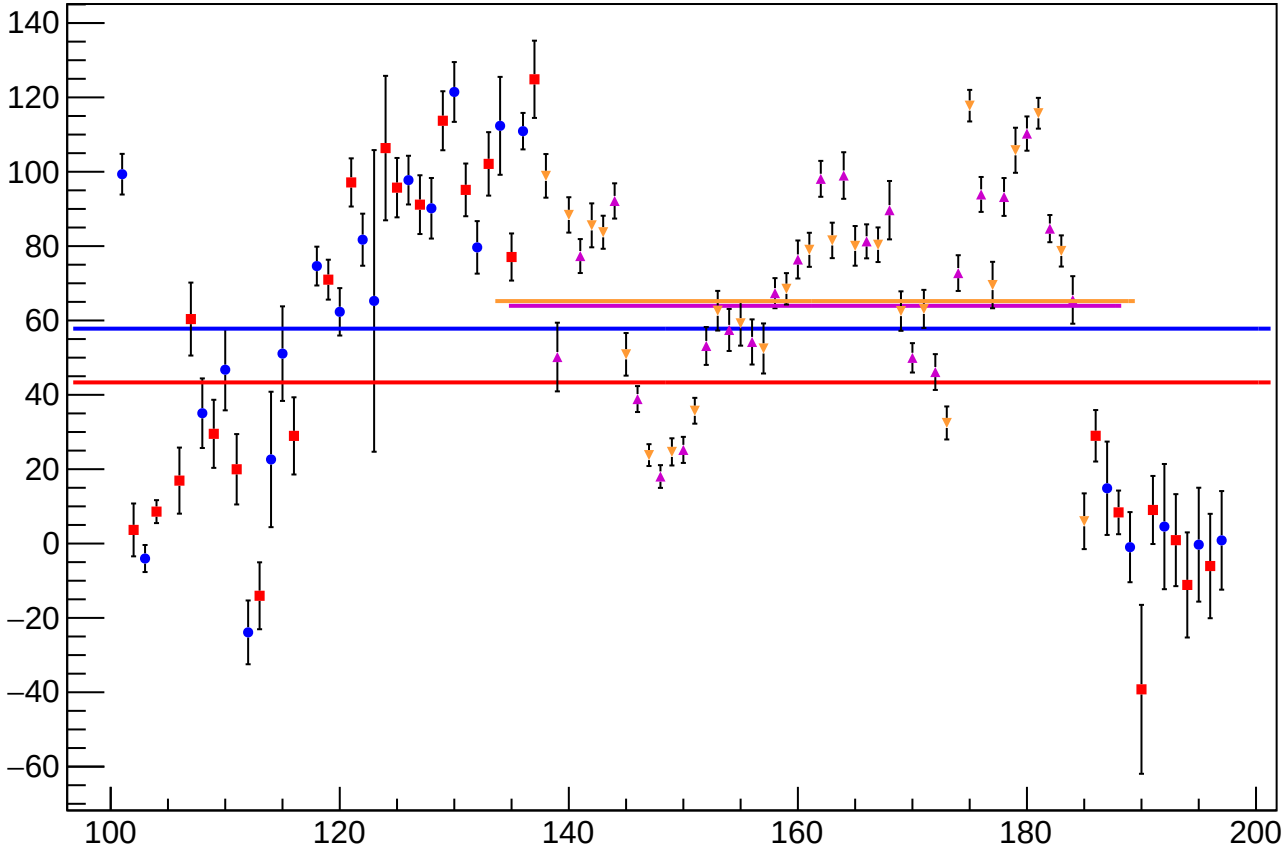
Left In: 269.798+/-1.087 χ^2/NDF:3234.9/22

+ sign 279.384+/-0.931 χ^2/NDF: 12293.2/46

All: 285.571+/-0.629 χ^2/NDF: 29845.0/94

- sign 290.766+/-0.853 χ^2/NDF: 17470.5/47

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 57.800+/-1.609 χ^2/NDF: 823.8/21

Left Out: 65.214+/-0.938 χ^2/NDF:1005.7/24

Right Out: 43.340+/-1.492 χ^2/NDF: 781.7/24

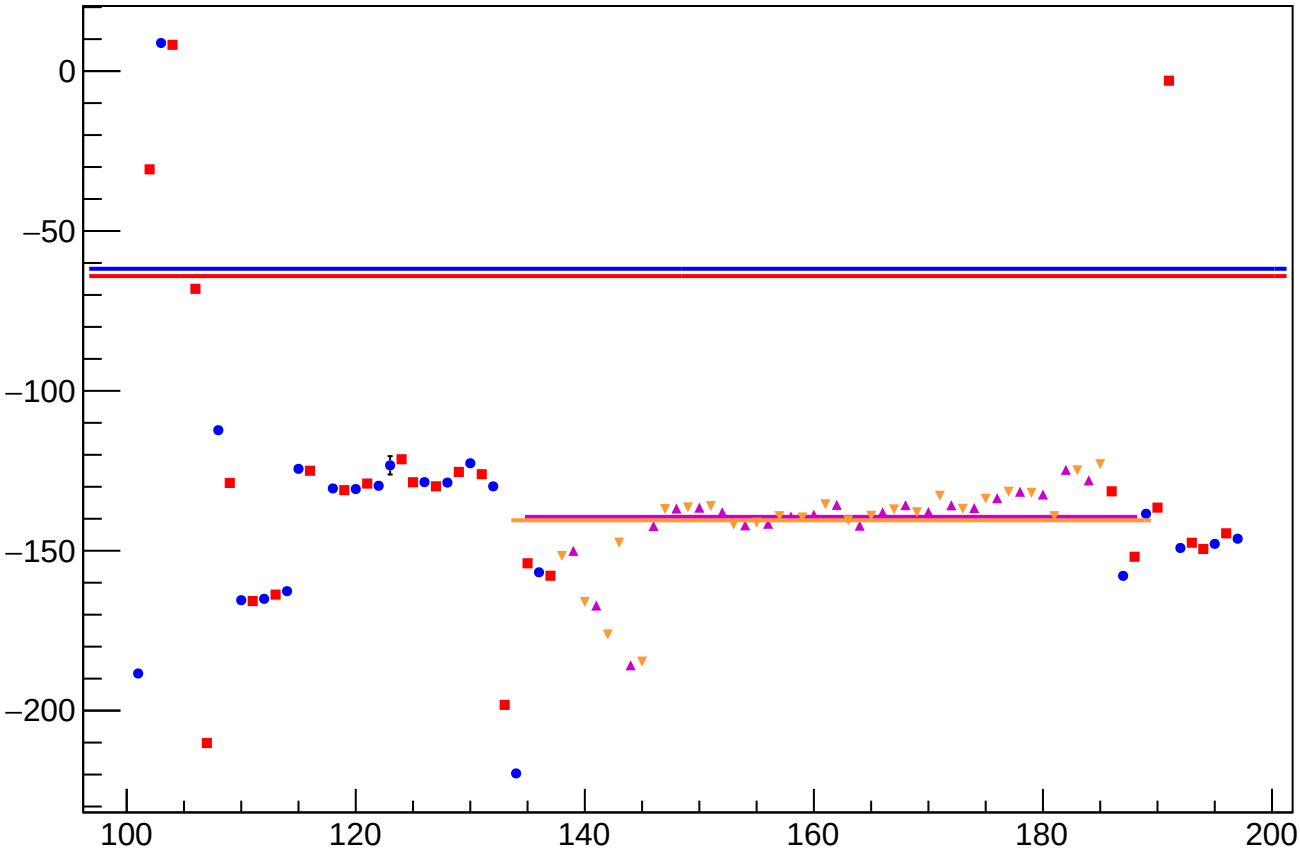
Left In: 63.944+/-0.961 χ^2/NDF:803.4/22

+ sign 63.333+/-0.811 χ^2/NDF: 1845.4/46

All: 60.609+/-0.572 χ^2/NDF: 3587.8/94

- sign 57.904+/-0.808 χ^2/NDF: 1719.9/47

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -61.820+/-0.067 χ^2/NDF: 1385708.3/21

Left Out: -140.489+/-0.045 χ^2/NDF:77350.7/24

Right Out: -64.107+/-0.064 χ^2/NDF: 1257947.5/24

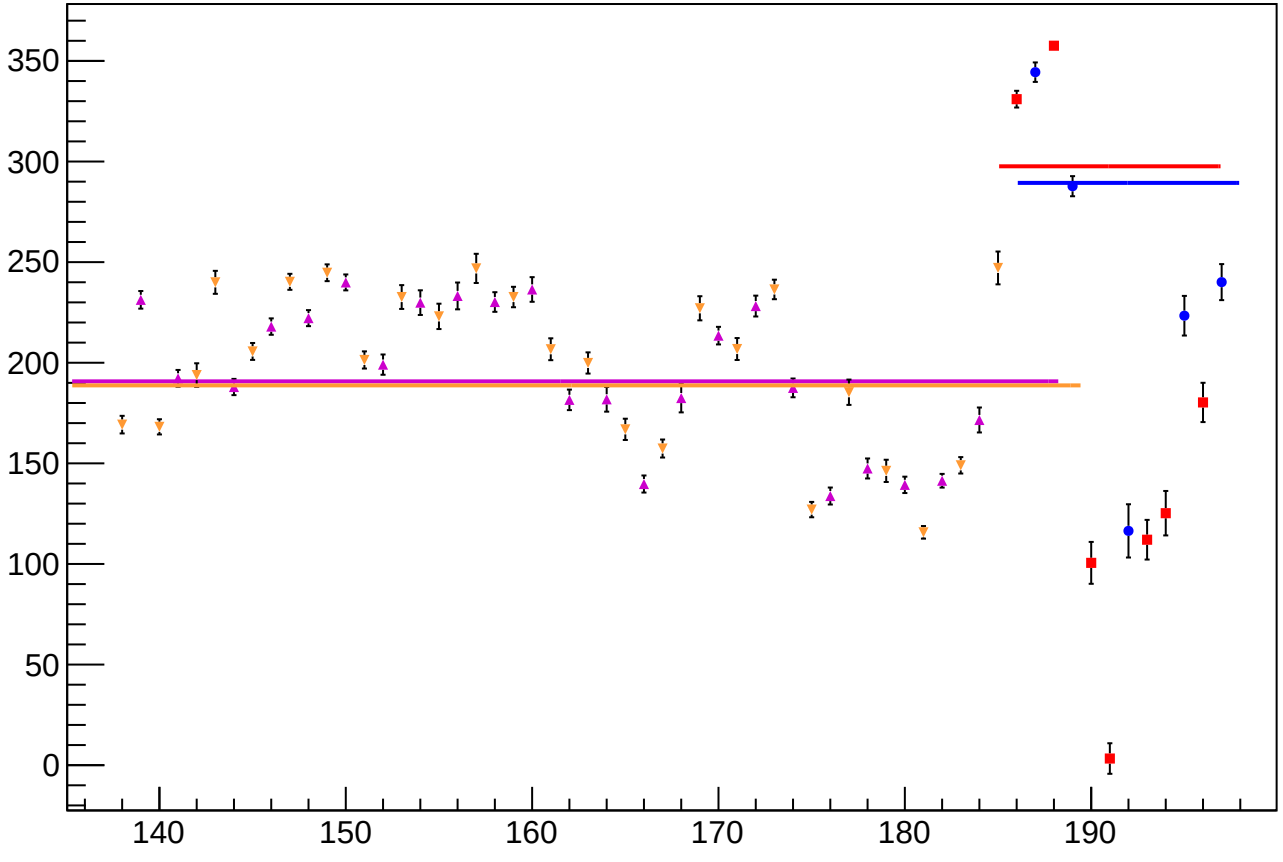
Left In: -139.406+/-0.045 χ^2/NDF:62878.4/22

+ sign -116.300+/-0.037 χ^2/NDF: 2415785.8/46

All: -115.527+/-0.026 χ^2/NDF: 4660134.5/94

- sign -114.772+/-0.037 χ^2/NDF: 2243495.5/47

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 289.384+/-2.998 χ^2/NDF: 375.4/4

Left Out: 188.749+/-0.958 χ^2/NDF:1968.6/24

Right Out: 297.627+/-1.915 χ^2/NDF: 3241.5/6

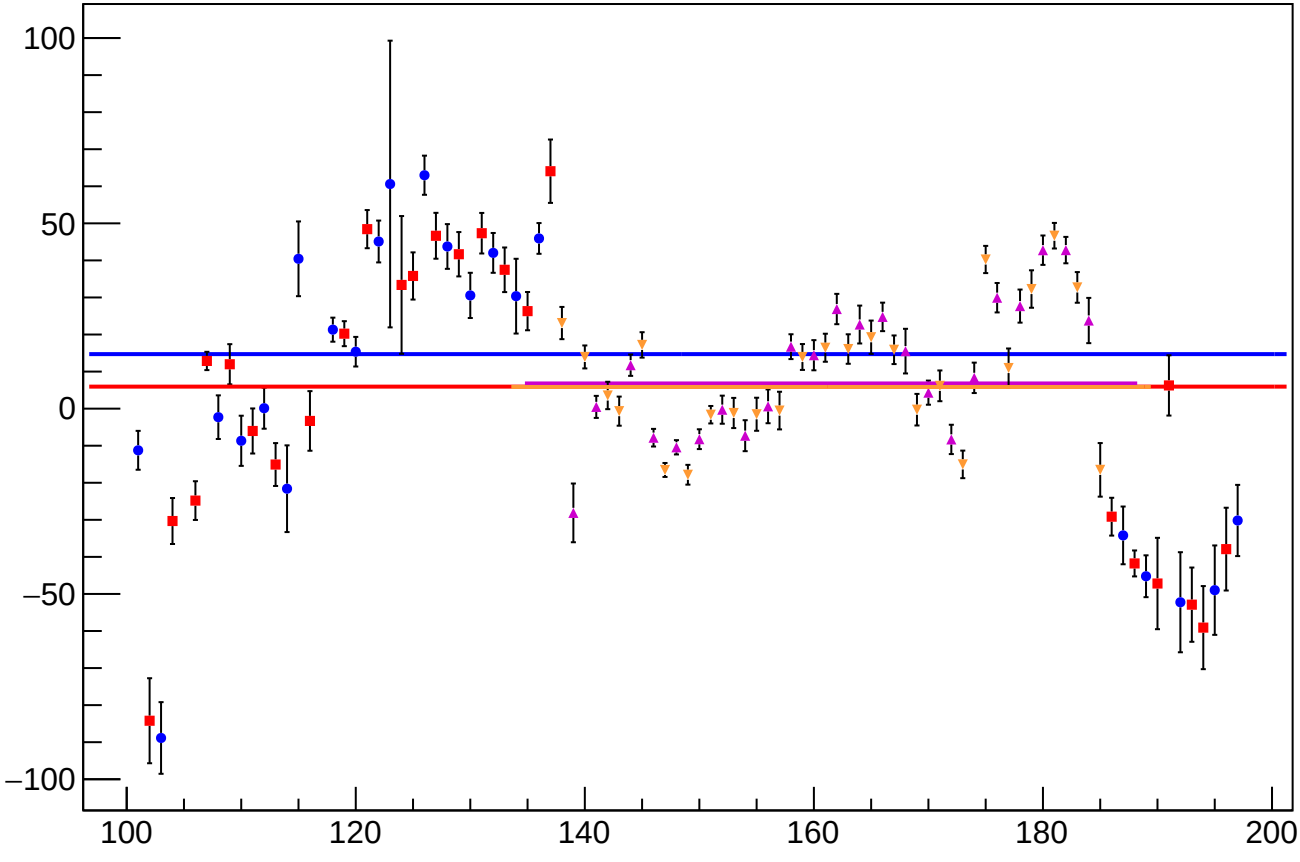
Left In: 190.753+/-0.971 χ^2/NDF:1421.8/22

+ sign 198.074+/-0.913 χ^2/NDF: 3366.2/29

All: 205.726+/-0.628 χ^2/NDF: 10641.6/59

- sign 212.617+/-0.866 χ^2/NDF: 7141.8/29

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 14.712+/-1.290 χ^2/NDF: 642.0/21

Left Out: 5.851+/-0.714 χ^2/NDF:650.6/24

Right Out: 5.942+/-1.099 χ^2/NDF: 828.8/24

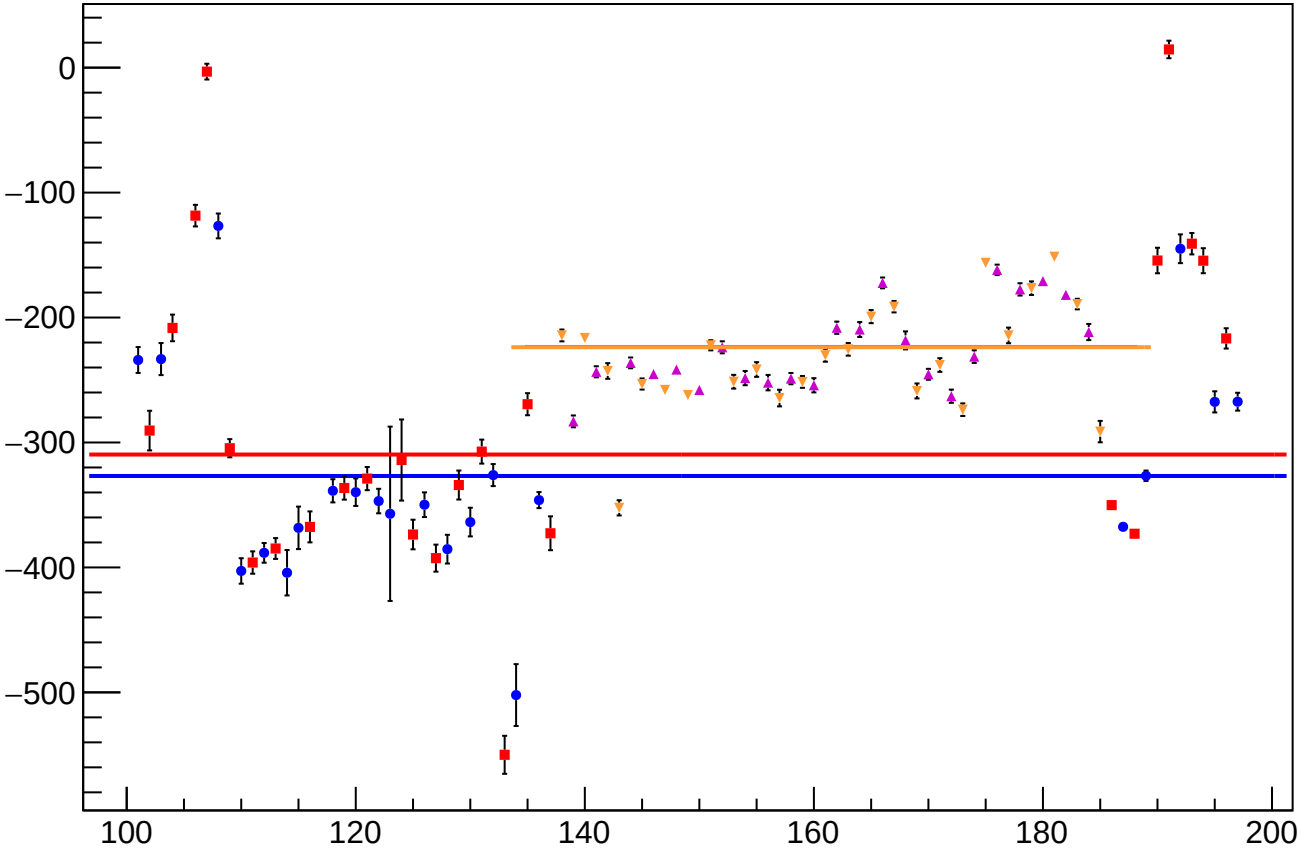
Left In: 6.797+/-0.735 χ^2/NDF:525.8/22

+ sign 7.931+/-0.625 χ^2/NDF: 1328.7/46

All: 7.216+/-0.437 χ^2/NDF: 2686.3/94

- sign 6.533+/-0.611 χ^2/NDF: 1355.1/47

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -326.809+/-1.783 χ^2/NDF: 1261.3/21

Left Out: -223.752+/-0.958 χ^2/NDF:2021.5/24

Right Out: -309.640+/-1.301 χ^2/NDF: 7791.8/24

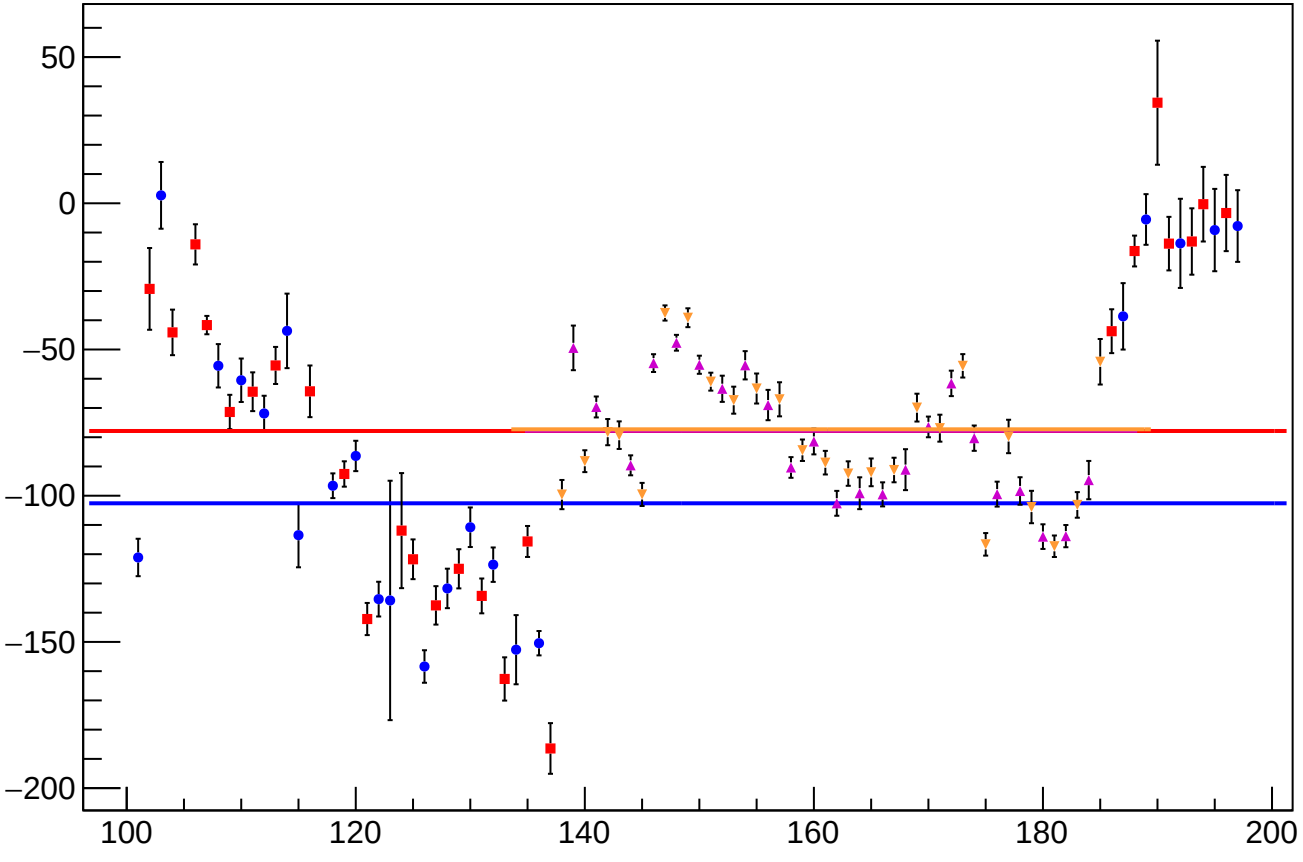
Left In: -223.554+/-0.966 χ^2/NDF:1286.5/22

+ sign -246.837+/-0.844 χ^2/NDF: 5875.3/46

All: -250.794+/-0.571 χ^2/NDF: 17817.6/94

- sign -254.135+/-0.775 χ^2/NDF: 11901.8/47

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -102.595+/-1.509 χ^2/NDF: 835.3/21

Left Out: -77.296+/-0.829 χ^2/NDF:844.6/24

Right Out: -77.868+/-1.321 χ^2/NDF: 1360.3/24

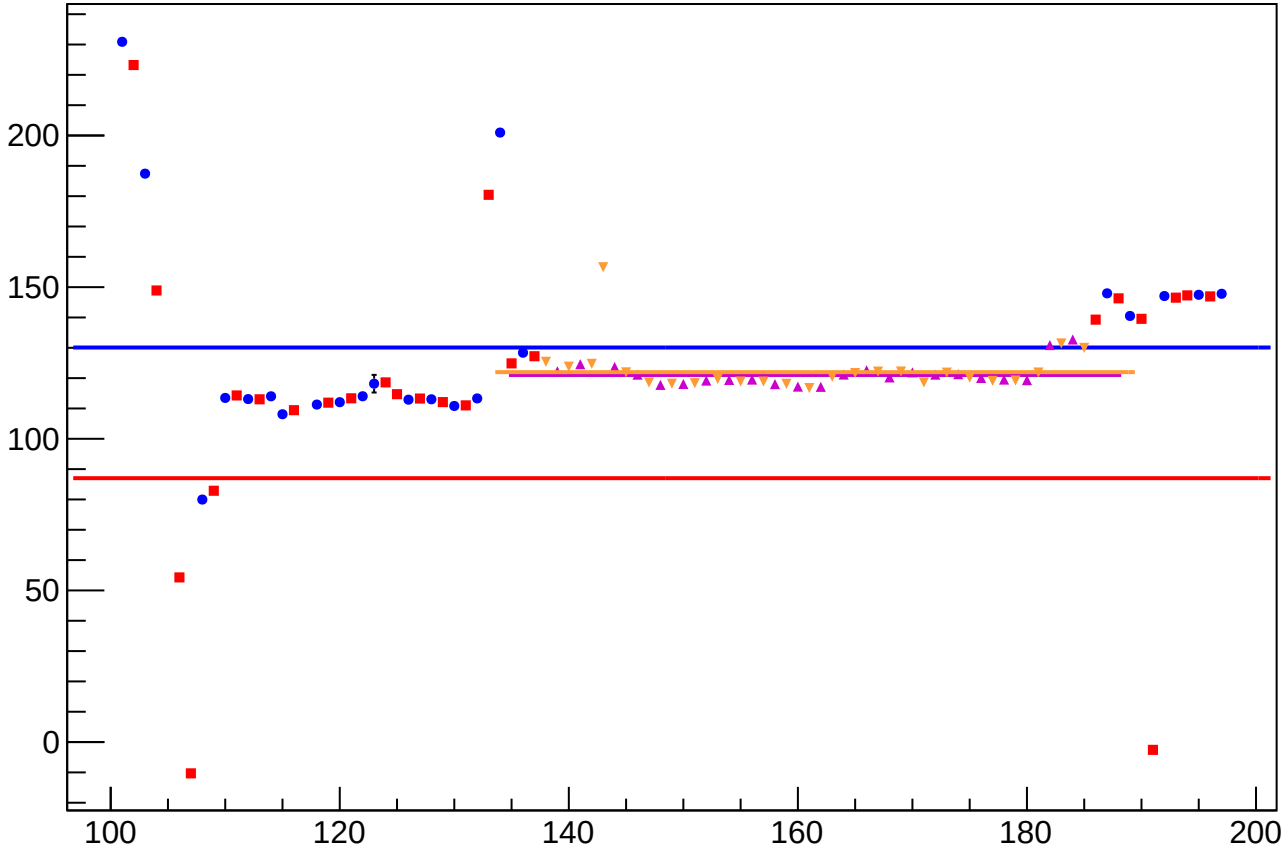
Left In: -77.777+/-0.847 χ^2/NDF:624.5/22

+ sign -83.156+/-0.726 χ^2/NDF: 1895.7/46

All: -80.429+/-0.509 χ^2/NDF: 3908.1/94

- sign -77.803+/-0.713 χ^2/NDF: 1984.7/47

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 130.098+/-0.082 χ^2/NDF: 195116.6/21

Left Out: 121.972+/-0.039 χ^2/NDF:27431.1/24

Right Out: 87.013+/-0.066 χ^2/NDF: 1017544.4/24

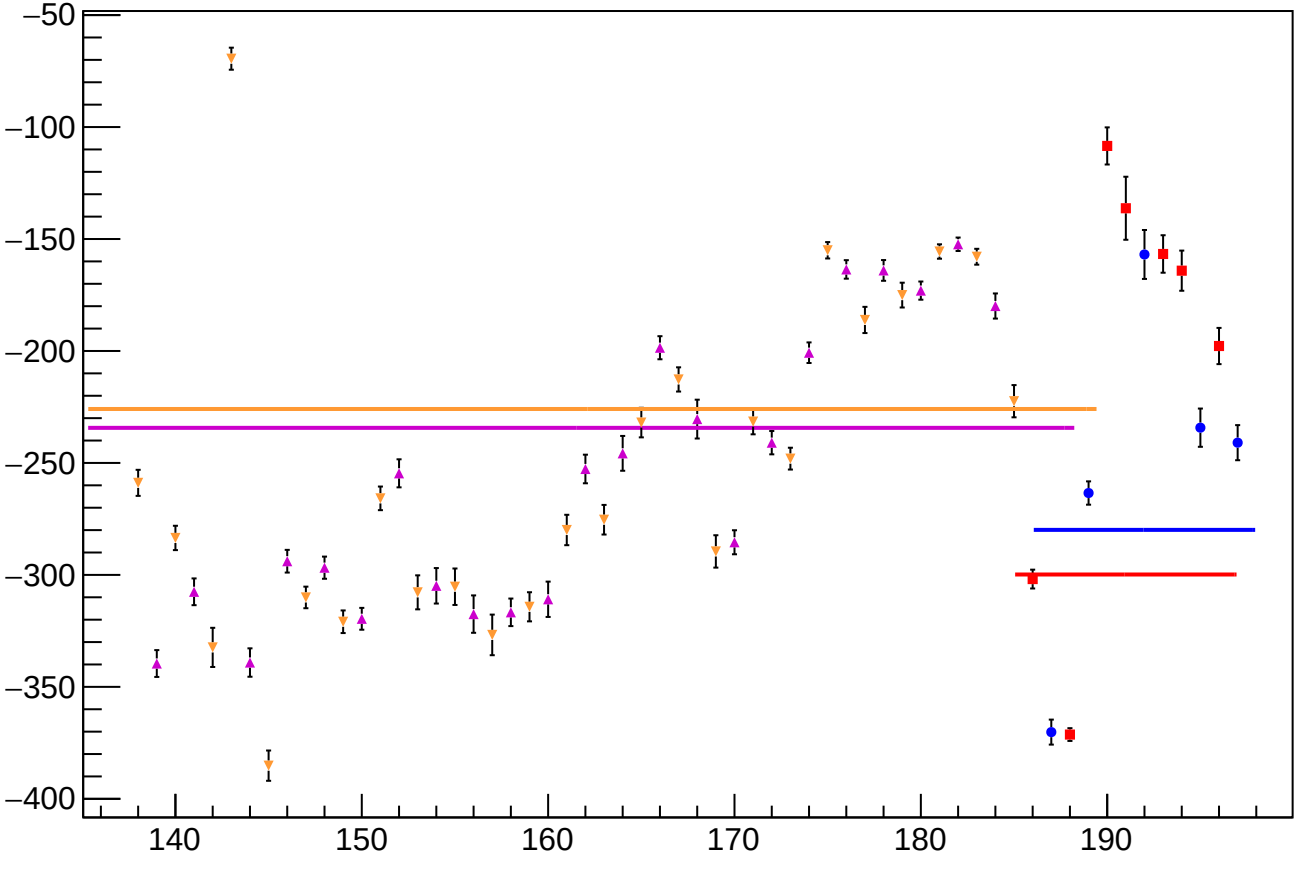
Left In: 121.045+/-0.040 χ^2/NDF:7903.5/22

+ sign 123.511+/-0.036 χ^2/NDF: 230561.7/46

All: 117.491+/-0.025 χ^2/NDF: 1507030.3/94

- sign 112.017+/-0.034 χ^2/NDF: 1221753.0/47

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -279.893+/-3.053 χ^2/NDF: 451.5/4

Left Out: -225.905+/-1.083 χ^2/NDF:4669.2/24

Right Out: -299.822+/-2.037 χ^2/NDF: 1976.9/6

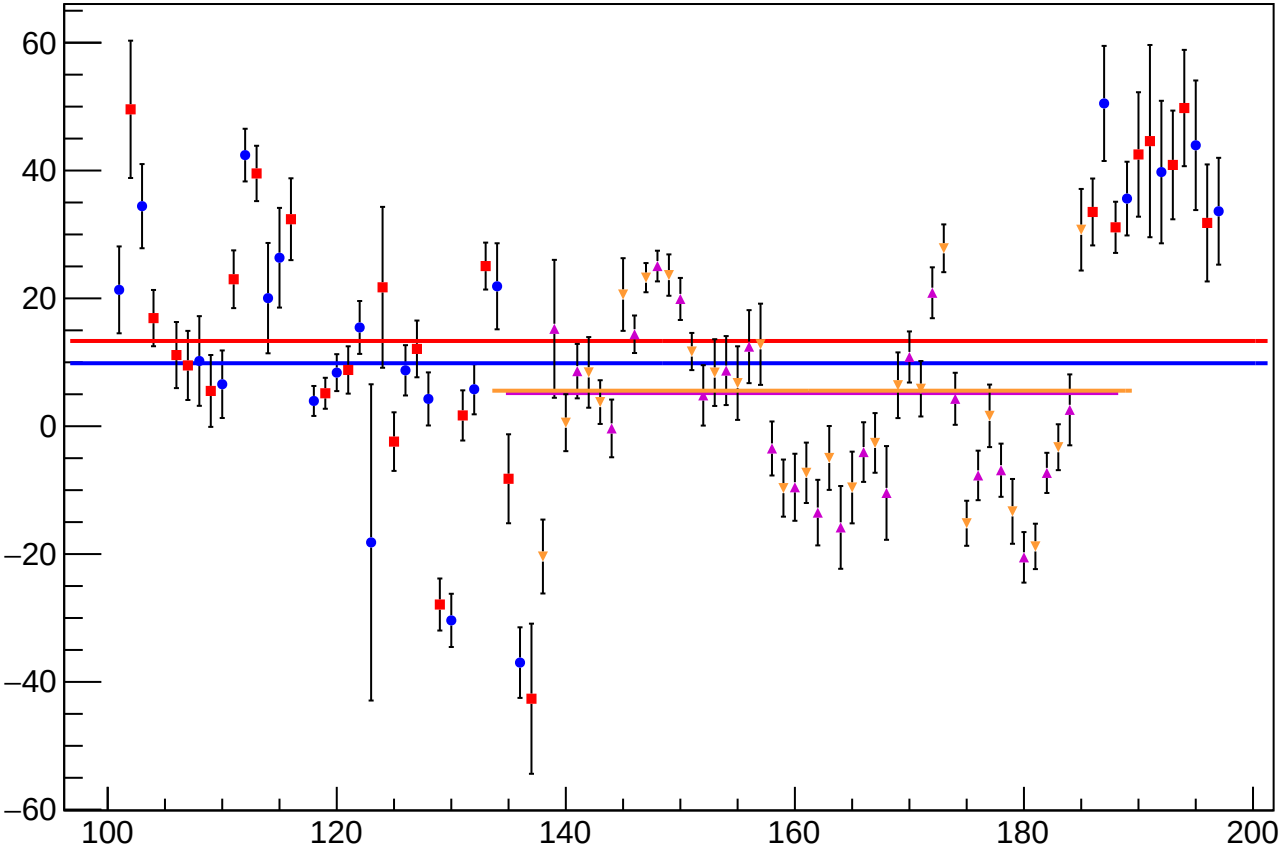
Left In: -234.328+/-1.104 χ^2/NDF:3591.9/22

+ sign -231.944+/-1.021 χ^2/NDF: 5398.5/29

All: -241.012+/-0.704 χ^2/NDF: 11916.7/59

- sign -249.208+/-0.971 χ^2/NDF: 6368.1/29

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 9.854+/-1.039 χ^2/NDF: 333.6/21

Left Out: 5.558+/-0.832 χ^2/NDF:313.4/24

Right Out: 13.336+/-0.991 χ^2/NDF: 322.4/24

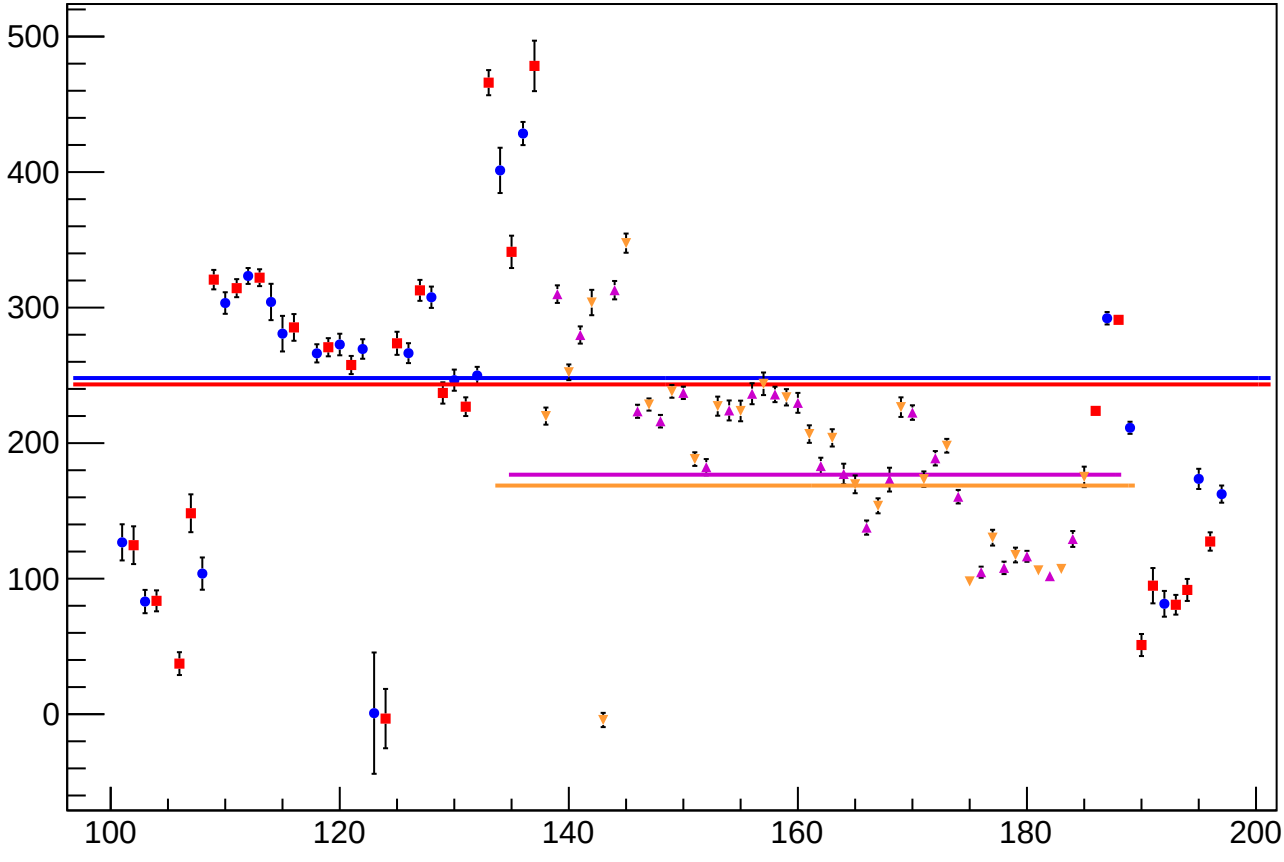
Left In: 5.186+/-0.867 χ^2/NDF:243.2/22

+ sign 7.237+/-0.649 χ^2/NDF: 657.5/46

All: 7.973+/-0.460 χ^2/NDF: 1263.9/94

- sign 8.716+/-0.652 χ^2/NDF: 603.8/47

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 248.024+/-1.612 χ^2/NDF: 2233.4/21

Left Out: 168.699+/-1.086 χ^2/NDF:4238.2/24

Right Out: 243.326+/-1.281 χ^2/NDF: 4892.1/24

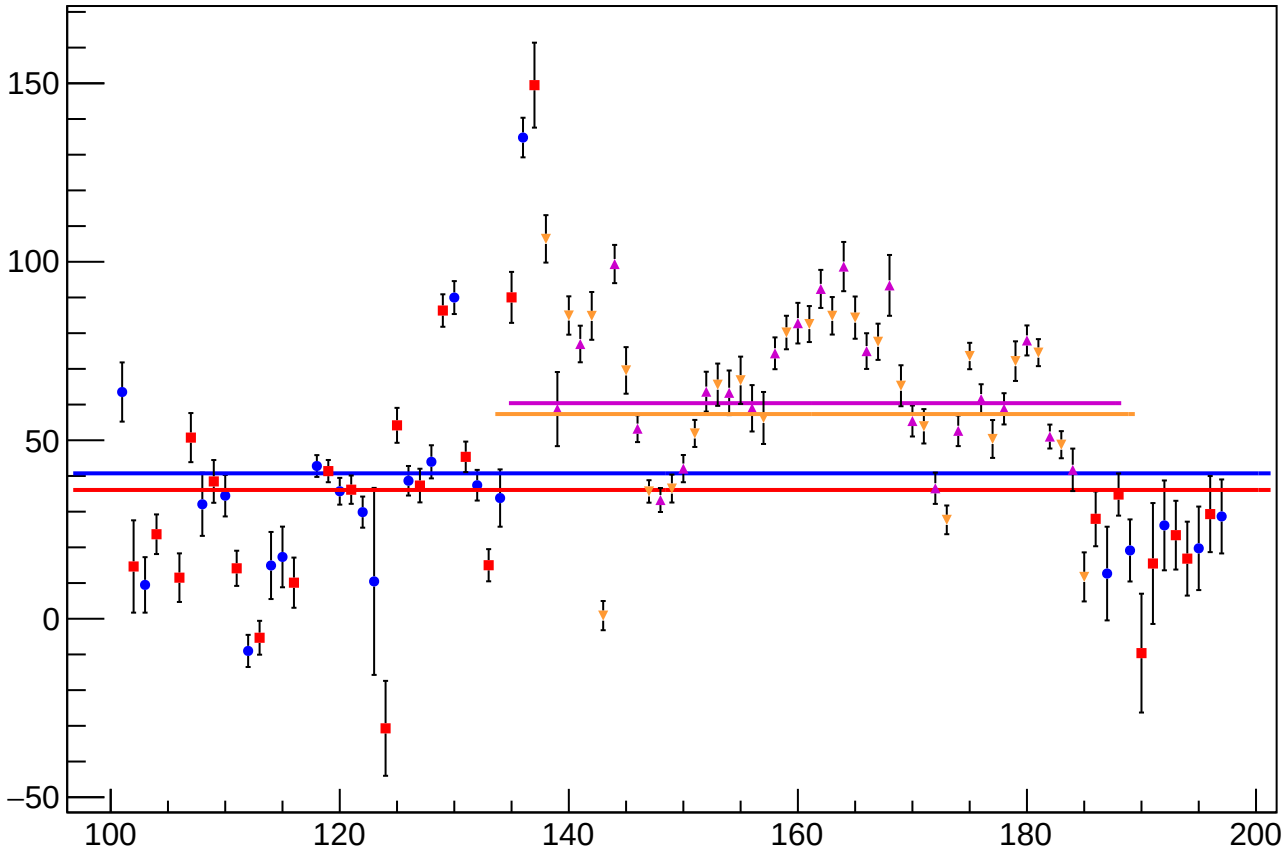
Left In: 176.711+/-1.102 χ^2/NDF:3234.3/22

+ sign 193.473+/-0.901 χ^2/NDF: 8136.5/46

All: 199.691+/-0.613 χ^2/NDF: 17905.7/94

- sign 205.036+/-0.835 χ^2/NDF: 9680.6/47

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 40.735+/-1.216 χ^2/NDF: 593.3/21

Left Out: 57.343+/-0.956 χ^2/NDF:641.5/24

Right Out: 36.077+/-1.167 χ^2/NDF: 489.3/24

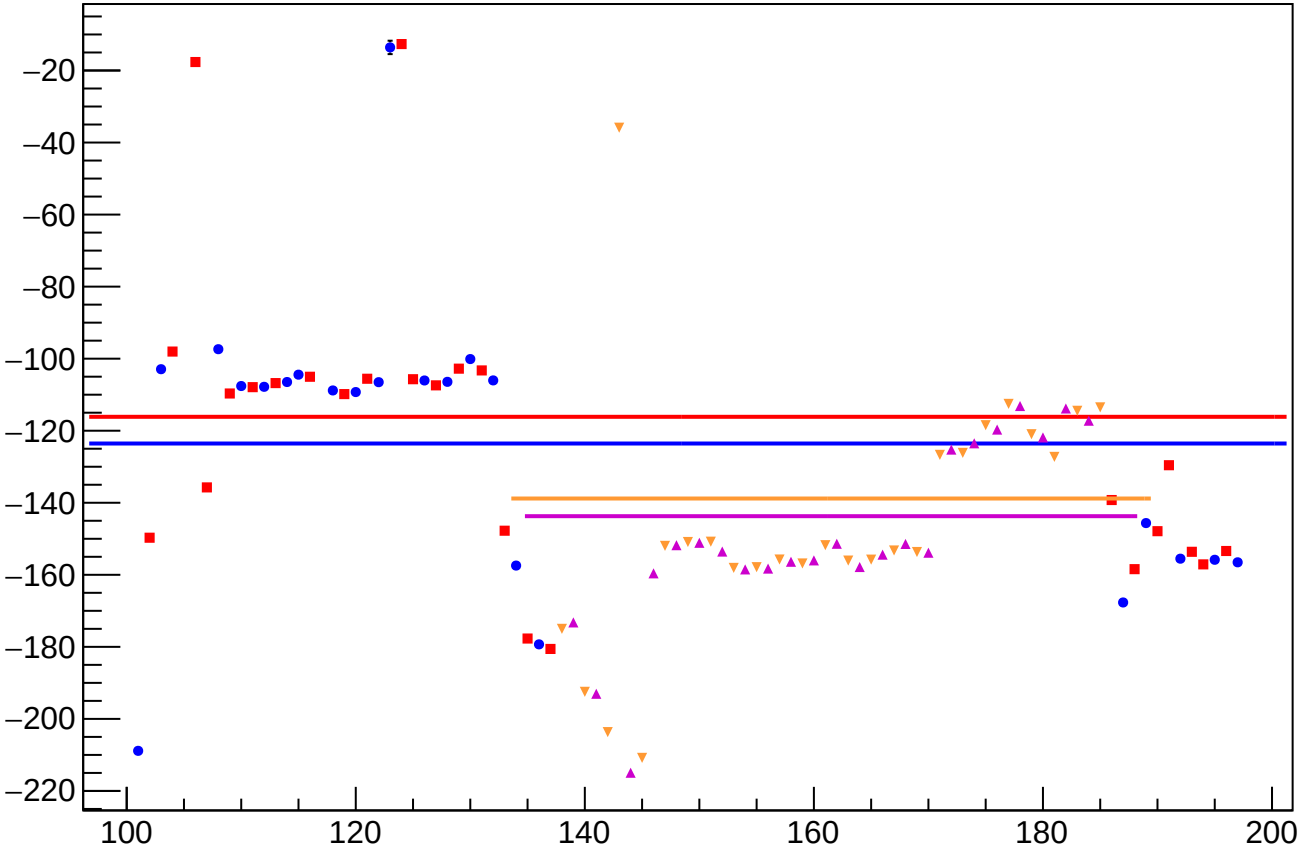
Left In: 60.392+/-0.987 χ^2/NDF:341.2/22

+ sign 50.997+/-0.752 χ^2/NDF: 1350.0/46

All: 50.624+/-0.532 χ^2/NDF: 2434.1/94

- sign 50.249+/-0.754 χ^2/NDF: 1083.6/47

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -123.552+/-0.071 χ^2/NDF: 179341.3/21

Left Out: -138.821+/-0.045 χ^2/NDF:525537.6/24

Right Out: -116.137+/-0.064 χ^2/NDF: 413615.6/24

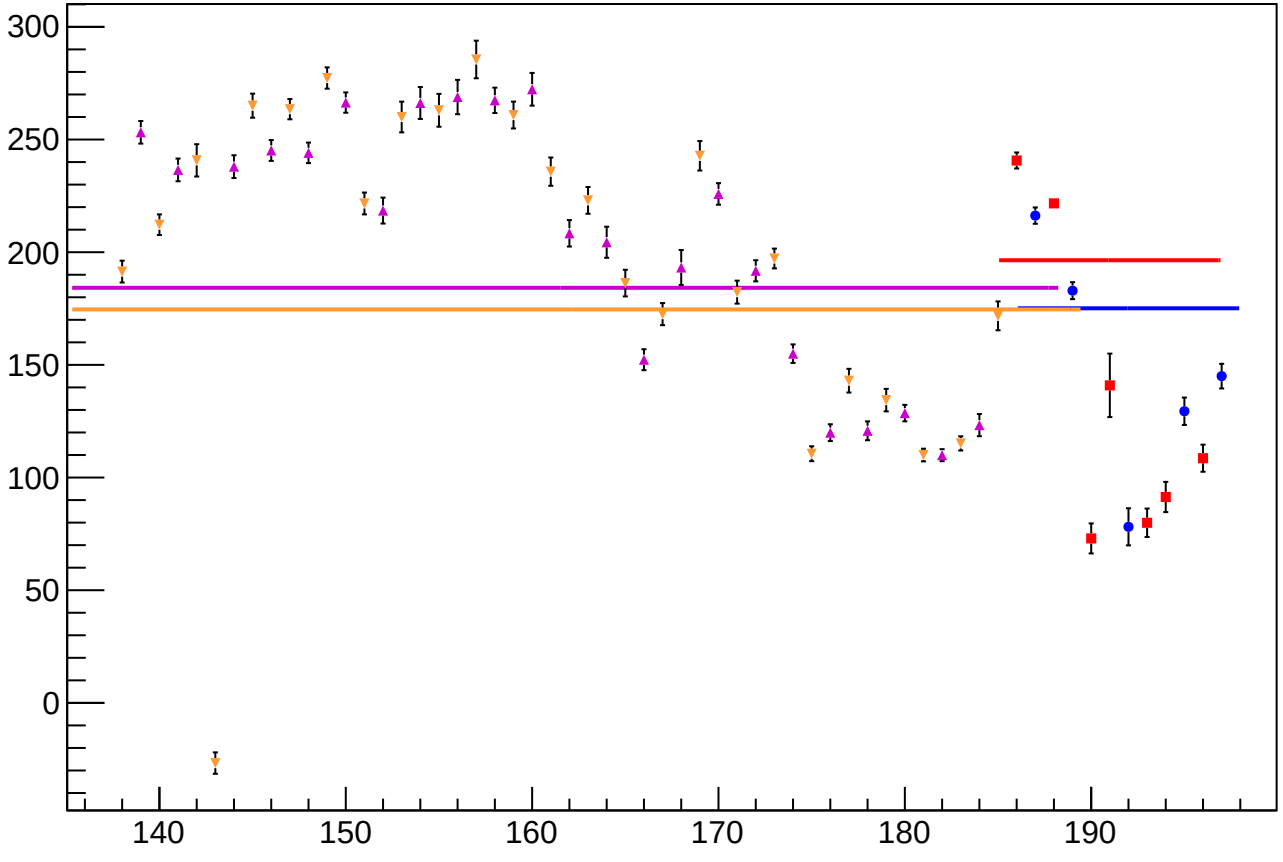
Left In: -143.726+/-0.046 χ^2/NDF:260994.5/22

+ sign -134.428+/-0.038 χ^2/NDF: 737558.6/46

All: -134.399+/-0.027 χ^2/NDF: 1534639.3/94

- sign -134.371+/-0.037 χ^2/NDF: 797079.5/47

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 175.104+/-2.124 χ^2/NDF: 358.1/4

Left Out: 174.613+/-0.969 χ^2/NDF:5551.3/24

Right Out: 196.431+/-1.459 χ^2/NDF: 1497.5/6

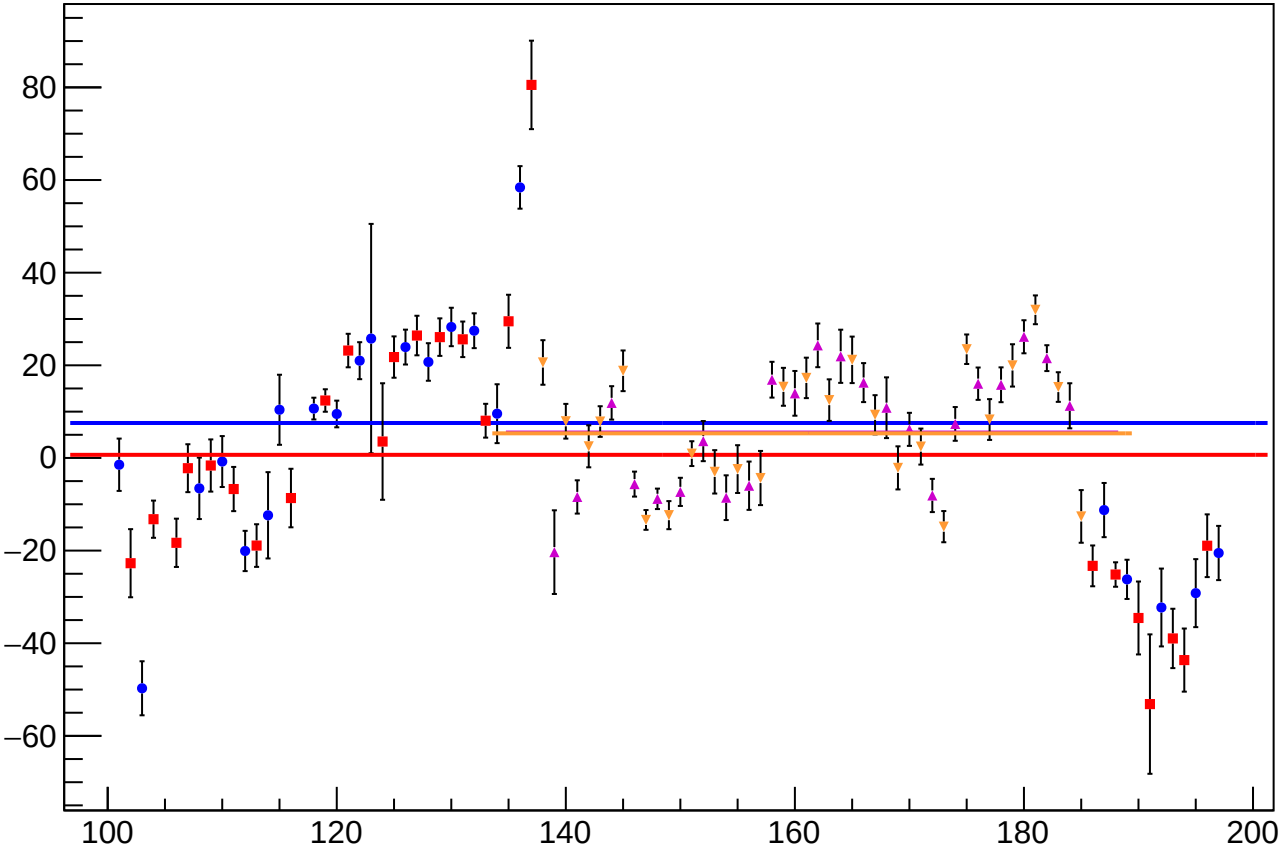
Left In: 184.205+/-0.987 χ^2/NDF:3637.1/22

+ sign 174.698+/-0.882 χ^2/NDF: 5909.4/29

All: 181.872+/-0.599 χ^2/NDF: 11215.3/59

- sign 188.041+/-0.817 χ^2/NDF: 5182.7/29

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 7.549+/-0.979 χ^2/NDF: 514.7/21

Left Out: 5.314+/-0.750 χ^2/NDF:345.1/24

Right Out: 0.674+/-0.917 χ^2/NDF: 607.4/24

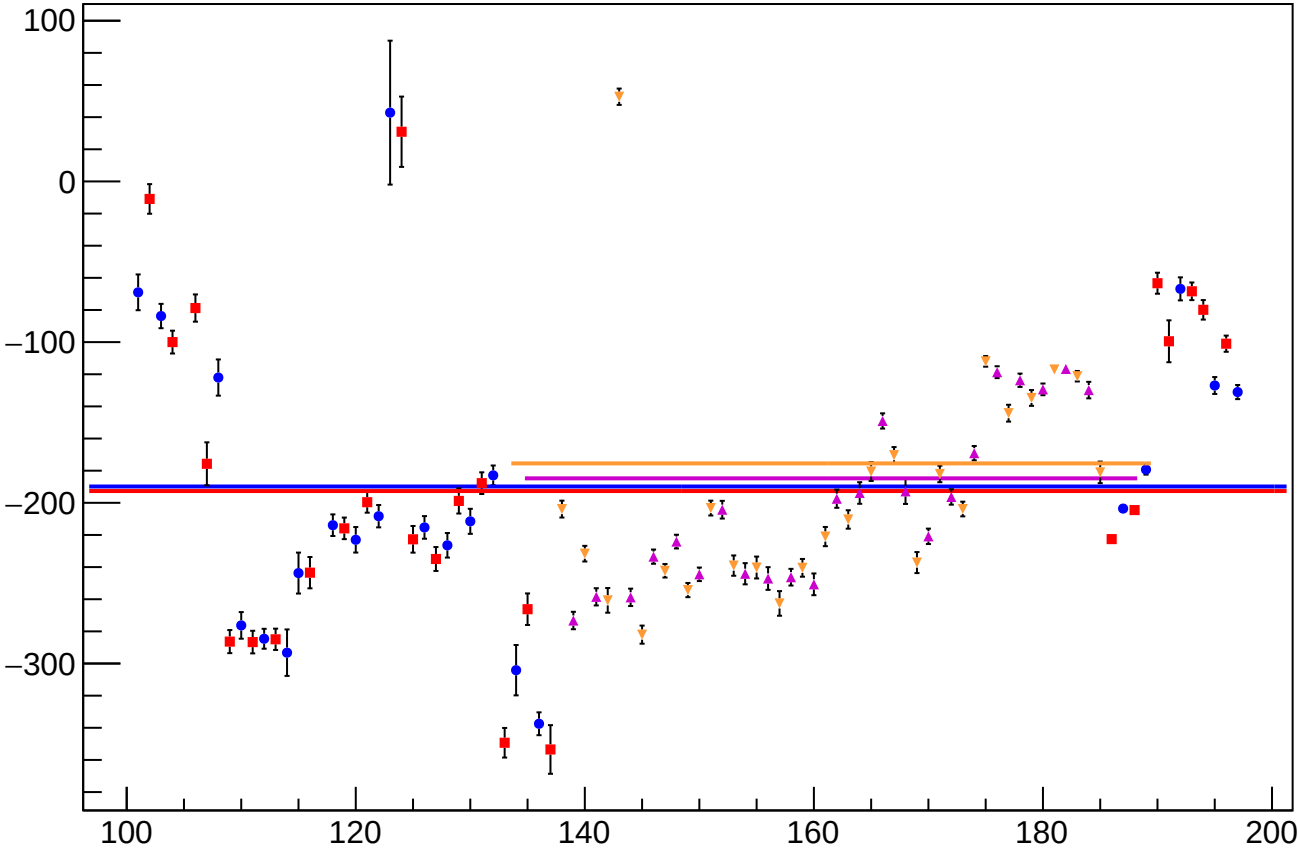
Left In: 5.483+/-0.779 χ^2/NDF:259.1/22

+ sign 6.142+/-0.596 χ^2/NDF: 863.1/46

All: 4.801+/-0.420 χ^2/NDF: 1755.6/94

- sign 3.468+/-0.594 χ^2/NDF: 882.4/47

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -189.851+/-1.326 χ^2/NDF: 2005.3/21

Left Out: -175.470+/-0.974 χ^2/NDF:5103.8/24

Right Out: -192.672+/-1.017 χ^2/NDF: 3740.5/24

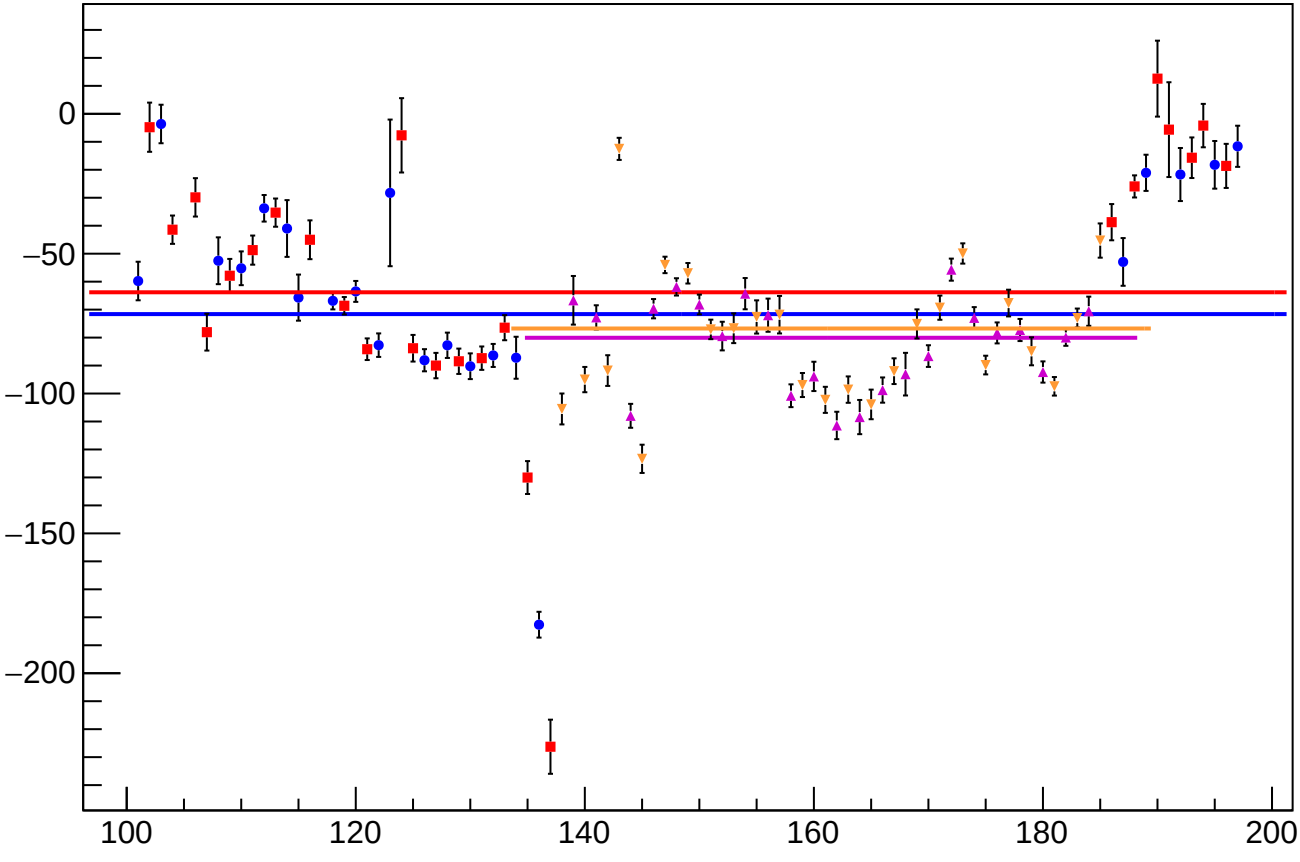
Left In: -184.774+/-0.987 χ^2/NDF:3082.4/22

+ sign -180.507+/-0.785 χ^2/NDF: 7185.4/46

All: -184.971+/-0.526 χ^2/NDF: 14098.1/94

- sign -188.605+/-0.708 χ^2/NDF: 6853.9/47

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -71.601+/-1.152 χ^2/NDF: 1038.5/21

Left Out: -76.747+/-0.861 χ^2/NDF:746.8/24

Right Out: -63.803+/-1.096 χ^2/NDF: 1005.1/24

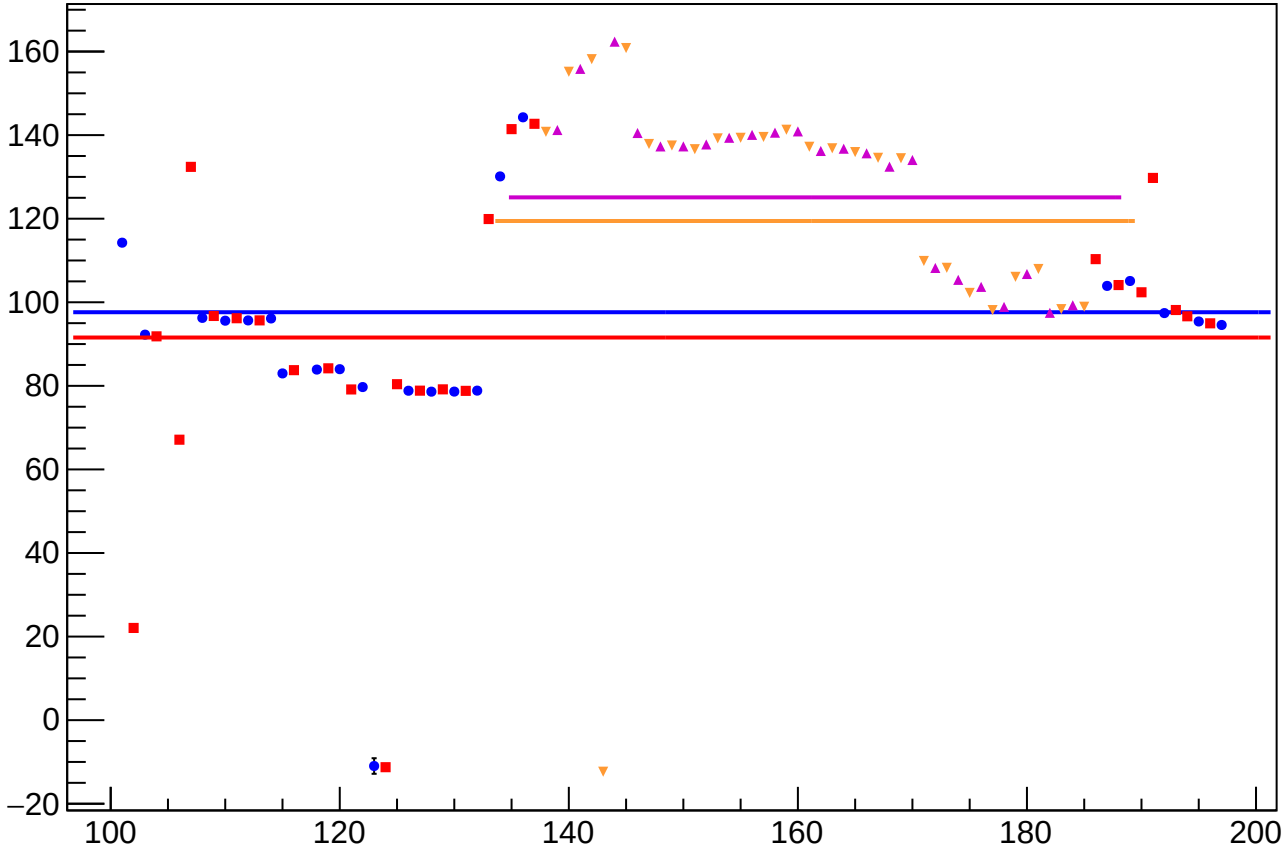
Left In: -80.068+/-0.886 χ^2/NDF:286.8/22

+ sign -74.903+/-0.689 χ^2/NDF: 1798.1/46

All: -74.270+/-0.487 χ^2/NDF: 3224.9/94

- sign -73.638+/-0.689 χ^2/NDF: 1425.1/47

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.617+/-0.064 χ^2/NDF: 95526.0/21

Left Out: 119.448+/-0.041 χ^2/NDF:660075.8/24

Right Out: 91.564+/-0.057 χ^2/NDF: 239974.5/24

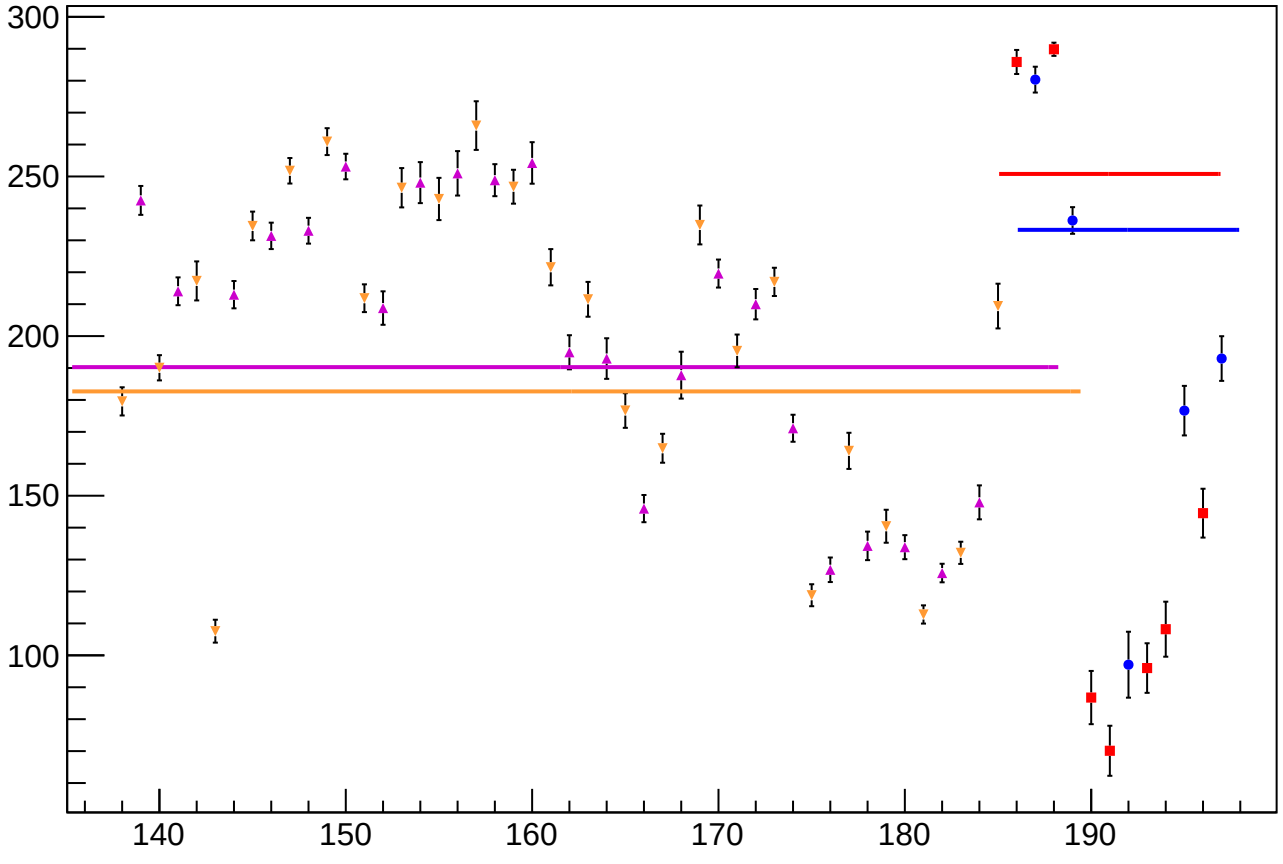
Left In: 125.101+/-0.041 χ^2/NDF:222793.3/22

+ sign 113.176+/-0.034 χ^2/NDF: 838558.1/46

All: 113.407+/-0.024 χ^2/NDF: 1529269.6/94

- sign 113.626+/-0.033 χ^2/NDF: 690623.1/47

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 233.284+/-2.463 χ^2/NDF: 396.1/4

Left Out: 182.672+/-0.919 χ^2/NDF:3230.7/24

Right Out: 250.793+/-1.618 χ^2/NDF: 2225.7/6

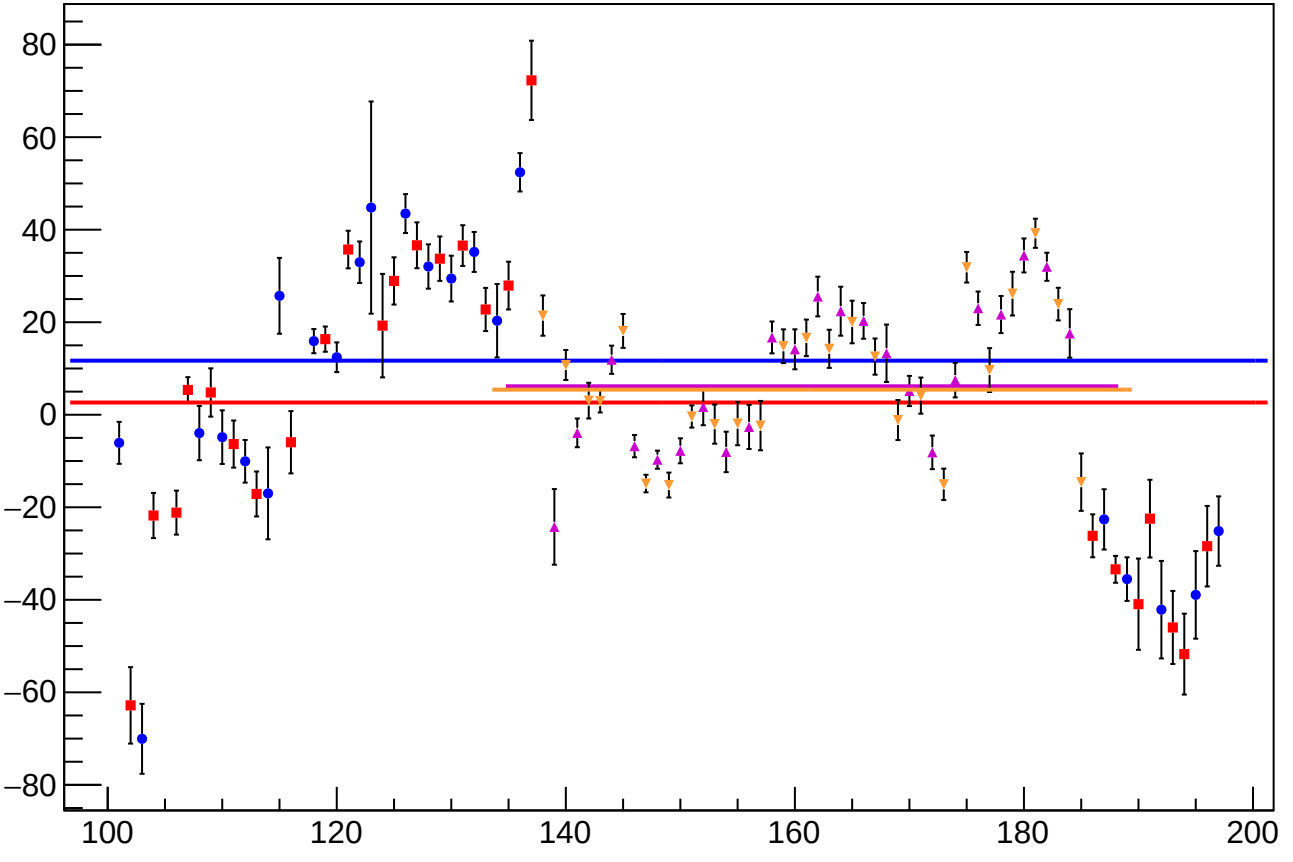
Left In: 190.279+/-0.949 χ^2/NDF:2452.9/22

+ sign 188.851+/-0.861 χ^2/NDF: 3997.4/29

All: 197.735+/-0.593 χ^2/NDF: 9920.0/59

- sign 205.770+/-0.819 χ^2/NDF: 5719.7/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 11.690+/-1.074 χ^2/NDF: 630.3/21

Left Out: 5.425+/-0.693 χ^2/NDF:525.2/24

Right Out: 2.645+/-0.963 χ^2/NDF: 822.7/24

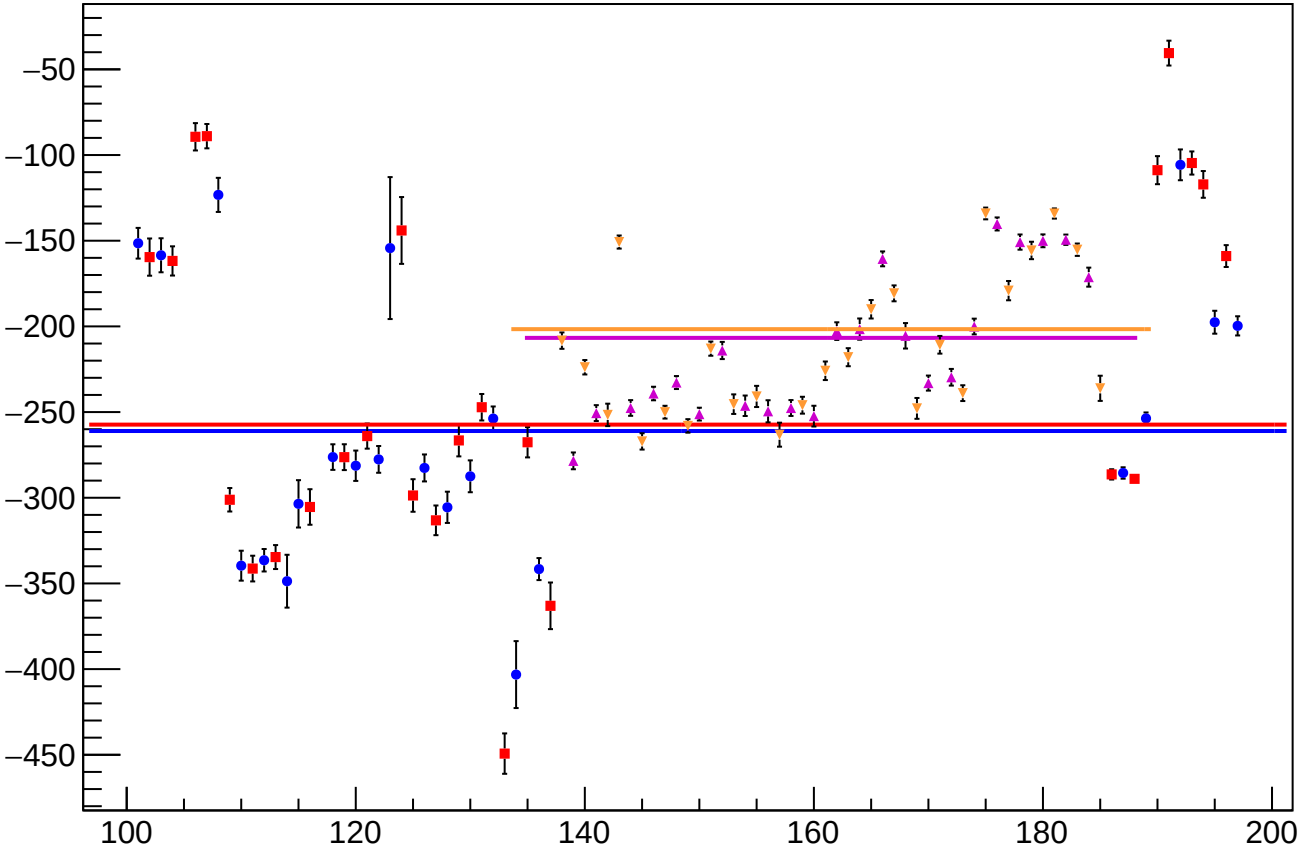
Left In: 6.151+/-0.730 χ^2/NDF:410.6/22

+ sign 7.266+/-0.582 χ^2/NDF: 1179.5/46

All: 6.068+/-0.411 χ^2/NDF: 2429.6/94

- sign 4.872+/-0.582 χ^2/NDF: 1241.6/47

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -261.052+/-1.487 χ^2/NDF: 1542.2/21

Left Out: -201.610+/-0.922 χ^2/NDF:2462.4/24

Right Out: -257.319+/-1.109 χ^2/NDF: 4703.1/24

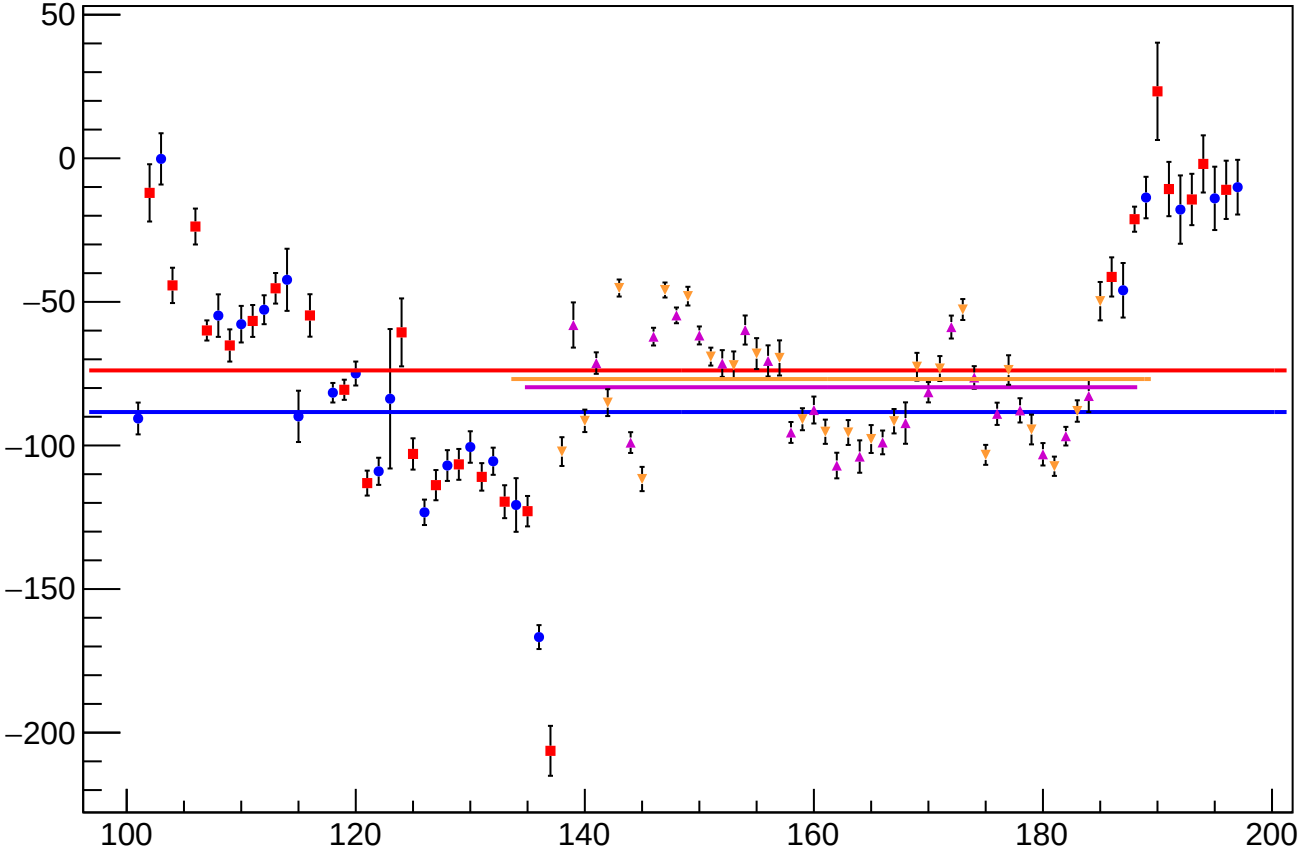
Left In: -206.700+/-0.946 χ^2/NDF:2134.9/22

+ sign -218.135+/-0.784 χ^2/NDF: 5159.0/46

All: -223.503+/-0.530 χ^2/NDF: 13289.7/94

- sign -228.029+/-0.720 χ^2/NDF: 8044.2/47

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -88.359+/-1.262 χ^2/NDF: 976.2/21

Left Out: -76.870+/-0.802 χ^2/NDF:758.7/24

Right Out: -73.866+/-1.154 χ^2/NDF: 1220.6/24

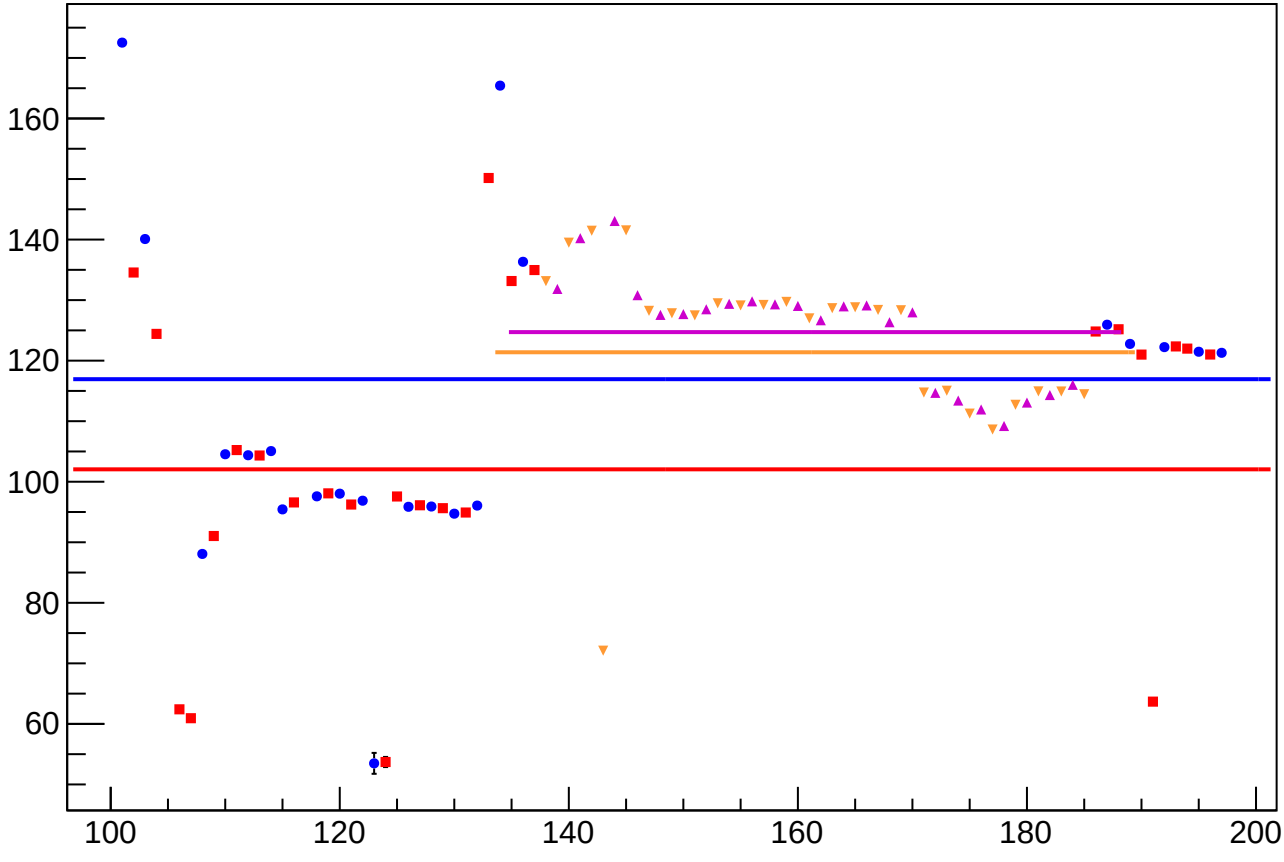
Left In: -79.719+/-0.837 χ^2/NDF:415.2/22

+ sign -80.175+/-0.677 χ^2/NDF: 1794.0/46

All: -78.940+/-0.479 χ^2/NDF: 3453.3/94

- sign -77.700+/-0.678 χ^2/NDF: 1652.6/47

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 116.938+/-0.070 χ^2/NDF: 107763.9/21

Left Out: 121.385+/-0.038 χ^2/NDF:164871.1/24

Right Out: 102.048+/-0.059 χ^2/NDF: 221353.4/24

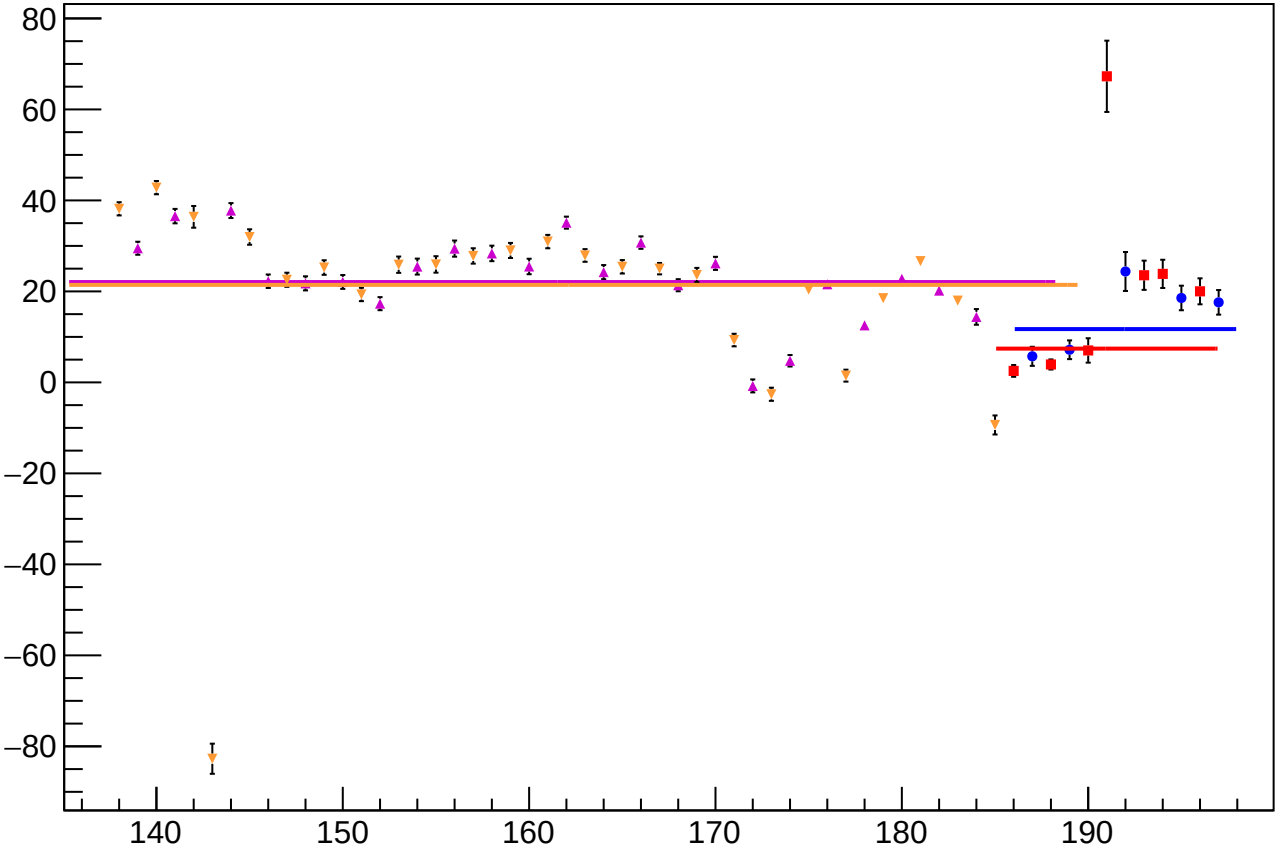
Left In: 124.714+/-0.039 χ^2/NDF:51750.7/22

+ sign 120.371+/-0.034 χ^2/NDF: 275714.6/46

All: 119.046+/-0.023 χ^2/NDF: 654437.2/94

- sign 117.801+/-0.033 χ^2/NDF: 375707.6/47

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 11.716+/-1.124 χ^2/NDF: 32.9/4

Left Out: 21.435+/-0.283 χ^2/NDF:2406.2/24

Right Out: 7.423+/-0.729 χ^2/NDF: 155.2/6

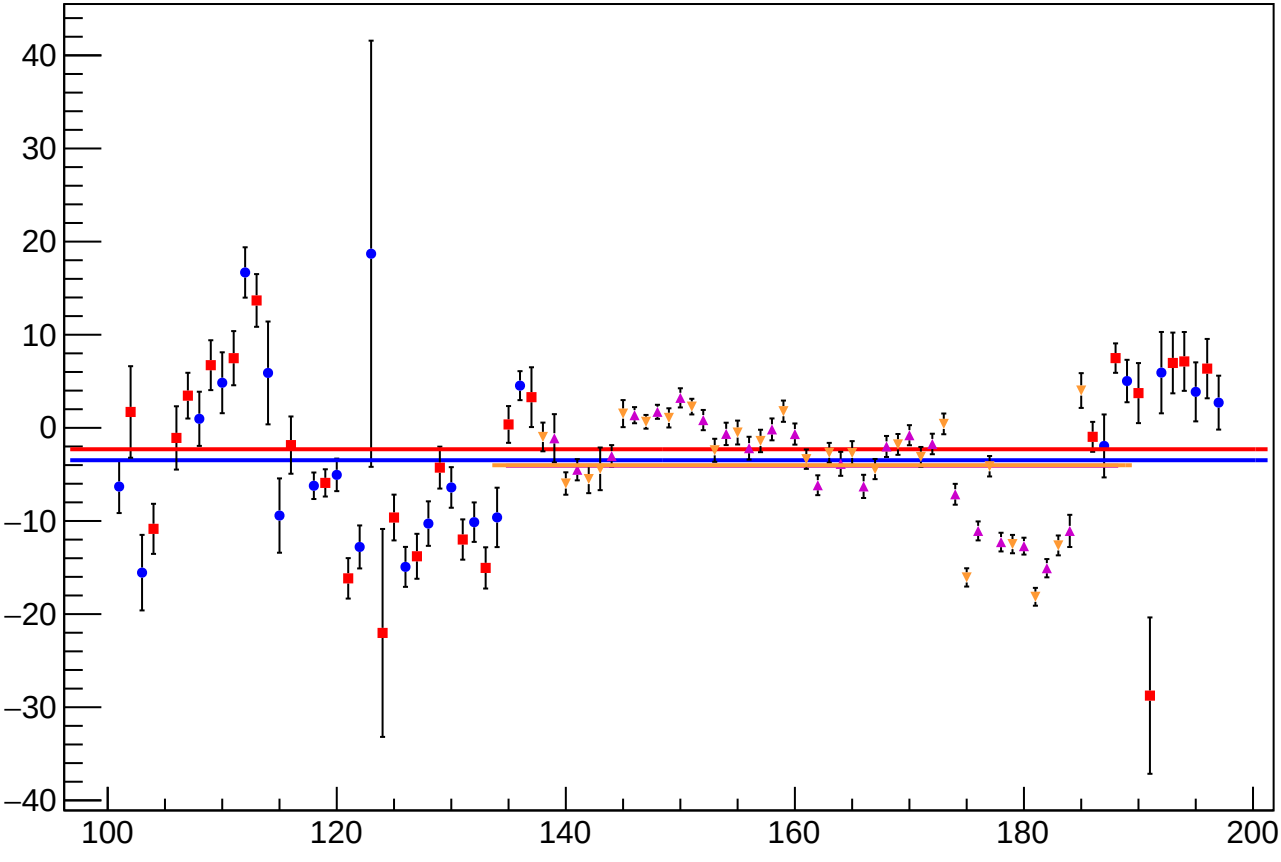
Left In: 22.055+/-0.284 χ^2/NDF:941.3/22

+ sign 20.857+/-0.274 χ^2/NDF: 2509.5/29

All: 20.478+/-0.190 χ^2/NDF: 3959.2/59

- sign 20.124+/-0.265 χ^2/NDF: 1446.0/29

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -3.475+/-0.532 χ^2/NDF: 208.2/21

Left Out: -4.015+/-0.223 χ^2/NDF:731.7/24

Right Out: -2.297+/-0.494 χ^2/NDF: 288.2/24

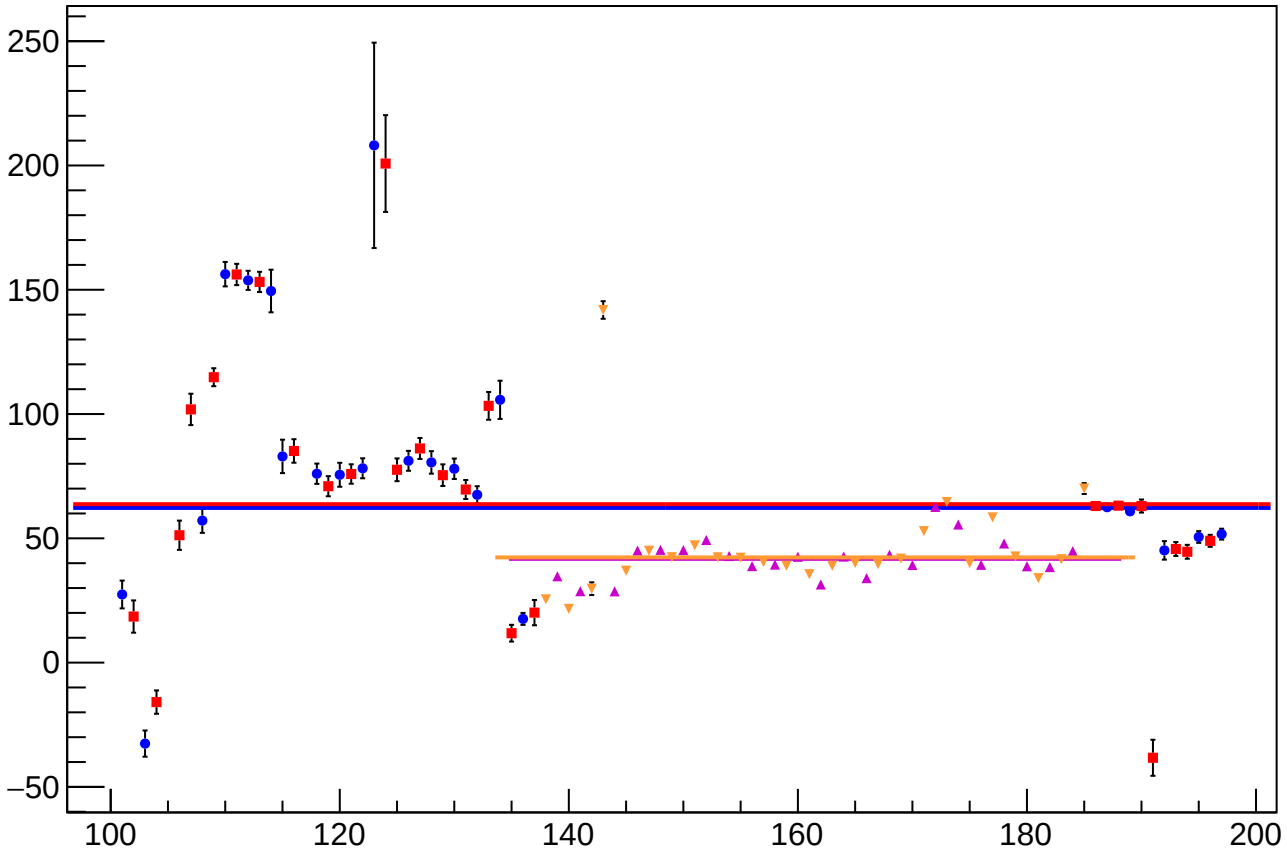
Left In: -4.069+/-0.227 χ^2/NDF:580.1/22

+ sign -3.934+/-0.206 χ^2/NDF: 940.8/46

All: -3.847+/-0.146 χ^2/NDF: 1820.0/94

- sign -3.759+/-0.207 χ^2/NDF: 878.9/47

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 62.241+/-0.711 χ^2/NDF: 1957.3/21

Left Out: 42.322+/-0.282 χ^2/NDF:1855.5/24

Right Out: 63.740+/-0.525 χ^2/NDF: 2339.3/24

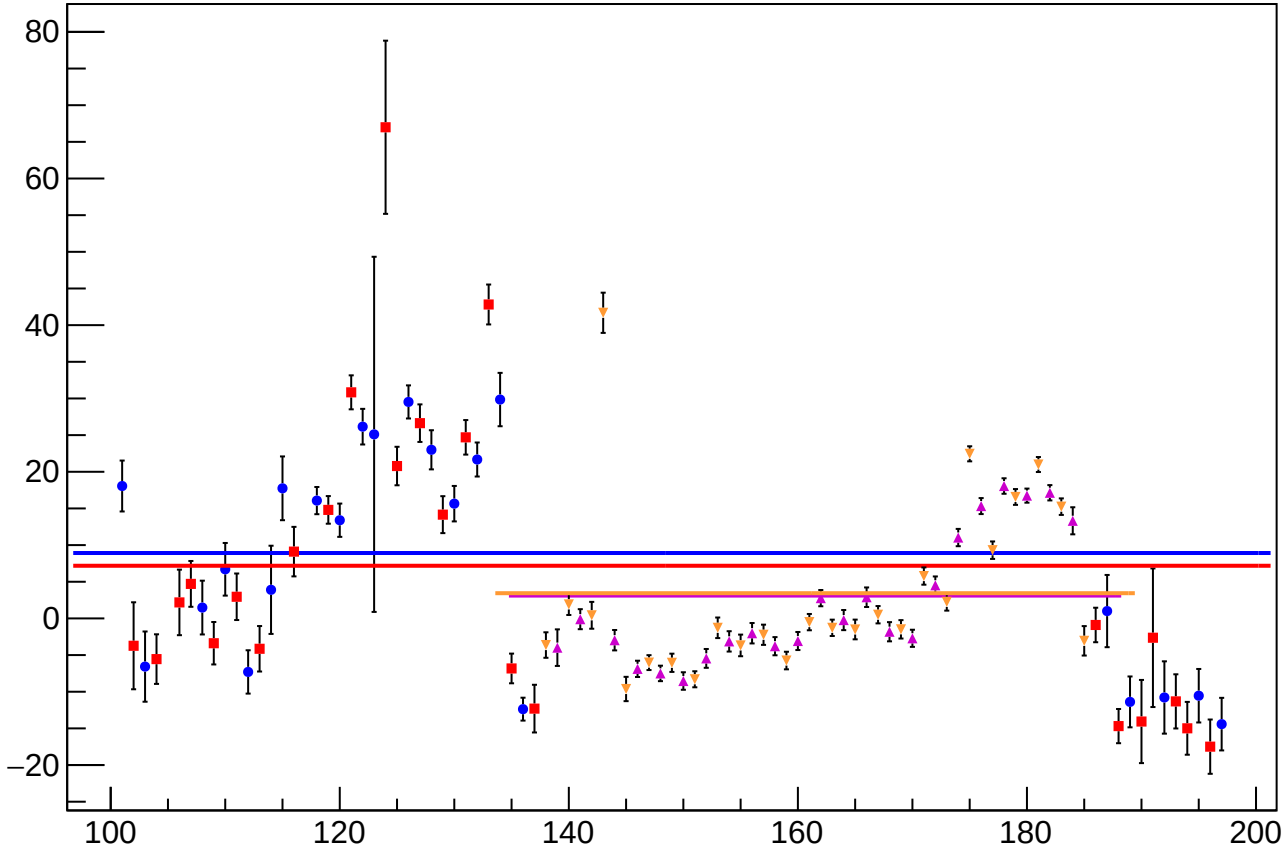
Left In: 41.755+/-0.283 χ^2/NDF:659.6/22

+ sign 45.029+/-0.262 χ^2/NDF: 4490.3/46

All: 45.910+/-0.181 χ^2/NDF: 8869.6/94

- sign 46.706+/-0.249 χ^2/NDF: 4357.8/47

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 8.921+/-0.617 χ^2/NDF: 618.0/21

Left Out: 3.439+/-0.252 χ^2/NDF:1647.7/24

Right Out: 7.182+/-0.588 χ^2/NDF: 818.9/24

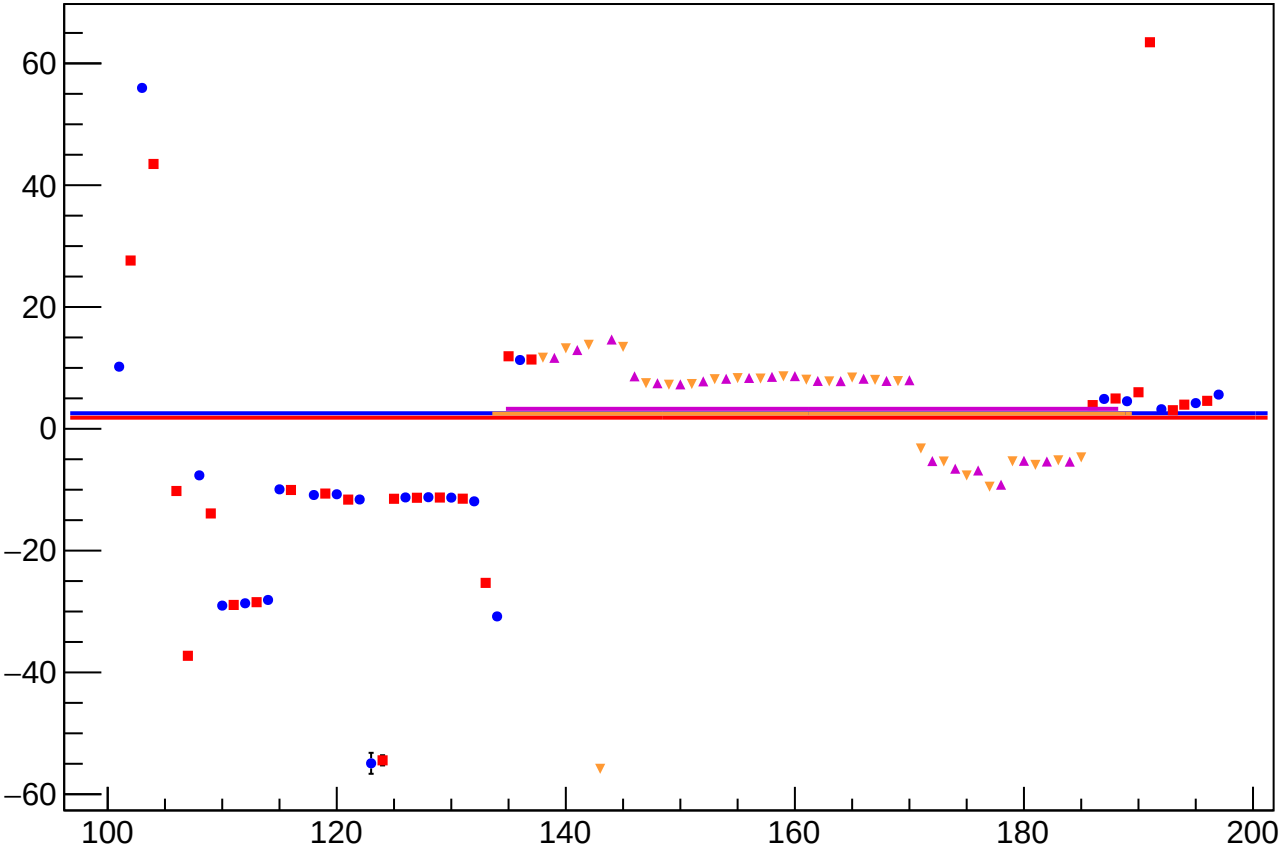
Left In: 3.114+/-0.256 χ^2/NDF:1273.1/22

+ sign 4.225+/-0.234 χ^2/NDF: 2333.3/46

All: 3.996+/-0.166 χ^2/NDF: 4467.5/94

- sign 3.764+/-0.235 χ^2/NDF: 2132.2/47

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 2.554+/-0.032 χ^2/NDF: 360941.8/21

Left Out: 2.497+/-0.012 χ^2/NDF:588138.5/24

Right Out: 1.831+/-0.030 χ^2/NDF: 423916.6/24

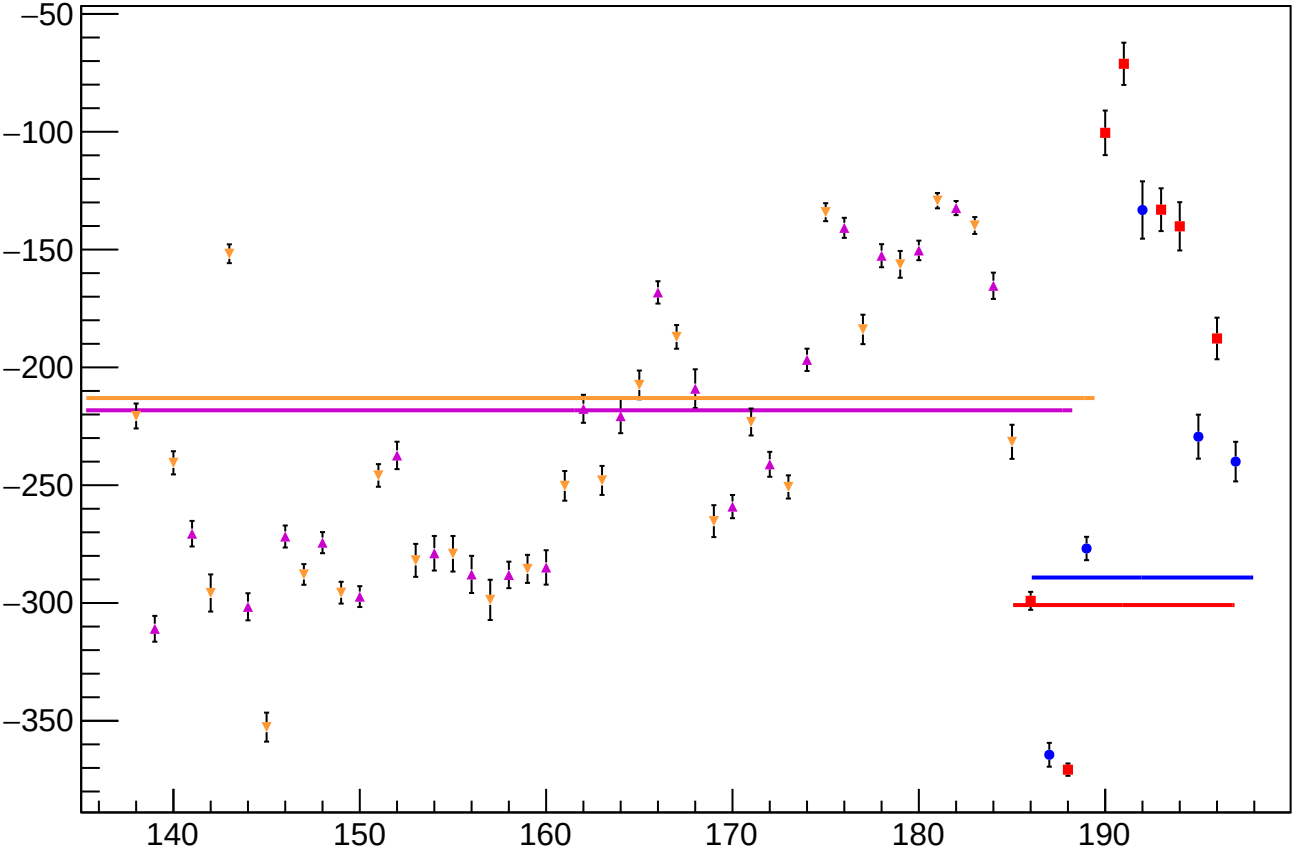
Left In: 3.281+/-0.012 χ^2/NDF:409605.3/22

+ sign 2.503+/-0.011 χ^2/NDF: 949083.1/46

All: 2.798+/-0.008 χ^2/NDF: 1786127.6/94

- sign 3.090+/-0.011 χ^2/NDF: 835581.1/47

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -289.184+/-2.986 χ^2/NDF: 466.5/4

Left Out: -213.020+/-1.035 χ^2/NDF:3826.2/24

Right Out: -300.874+/-1.912 χ^2/NDF: 2571.9/6

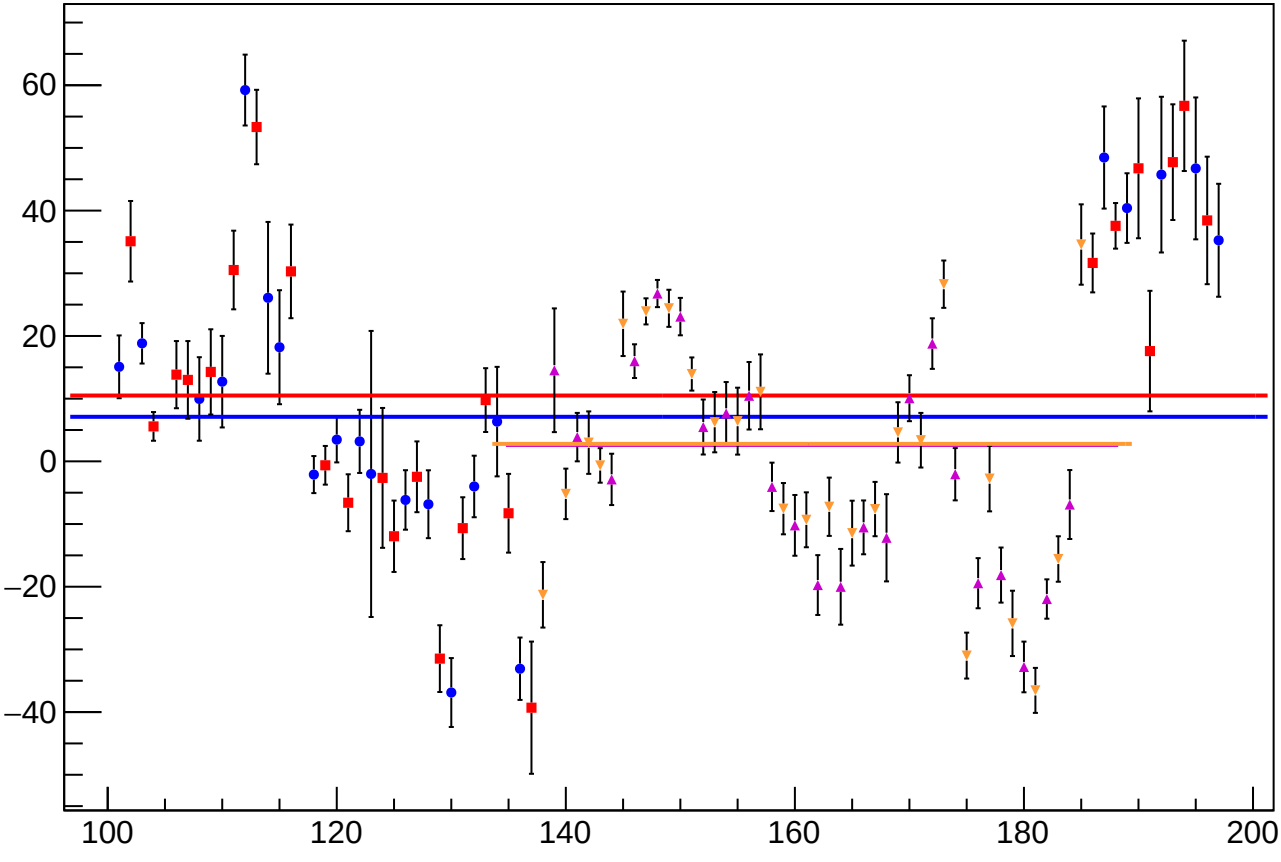
Left In: -218.216+/-1.063 χ^2/NDF:3499.0/22

+ sign -221.194+/-0.978 χ^2/NDF: 4873.5/29

All: -229.888+/-0.674 χ^2/NDF: 12522.2/59

- sign -237.727+/-0.929 χ^2/NDF: 7498.6/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 7.106+/-1.162 χ^2/NDF: 359.3/21

Left Out: 2.786+/-0.780 χ^2/NDF:582.0/24

Right Out: 10.500+/-1.047 χ^2/NDF: 381.0/24

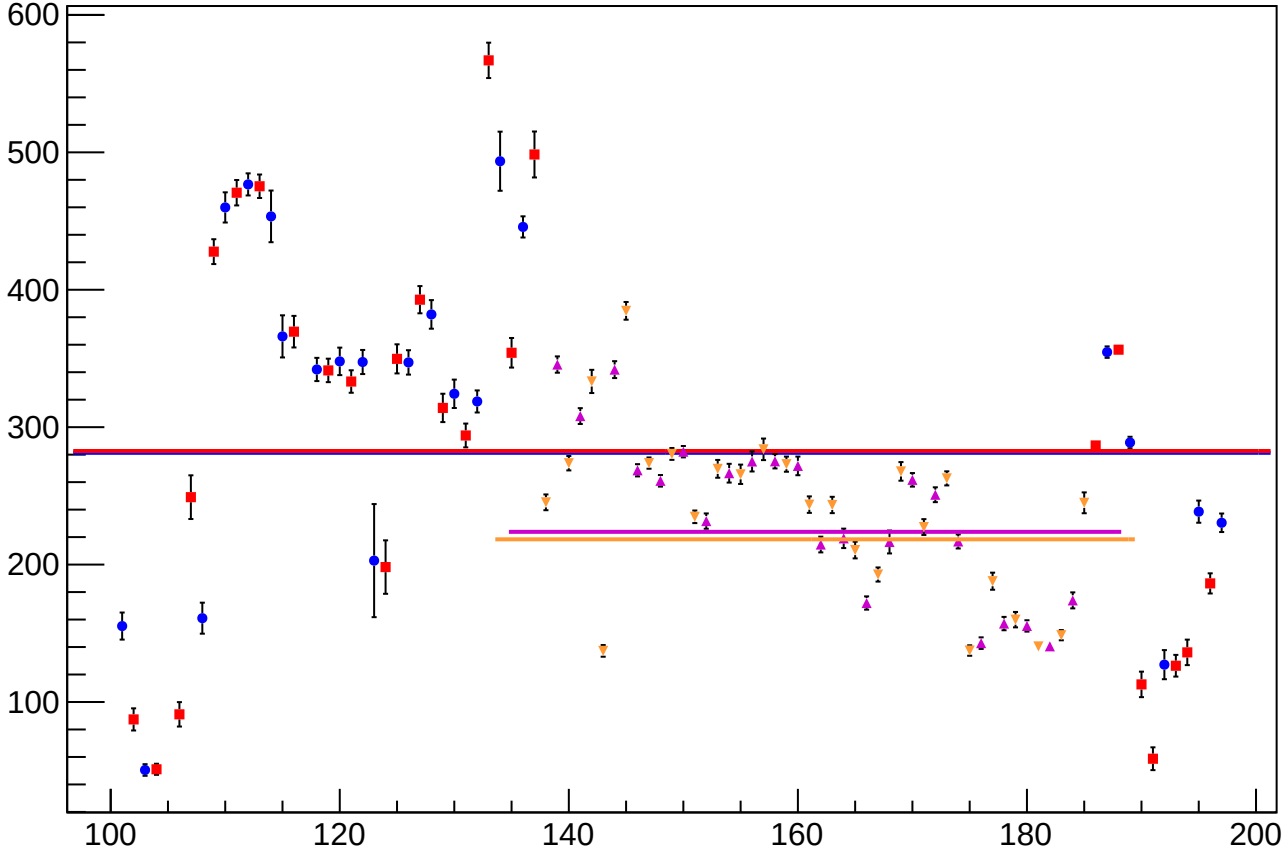
Left In: 2.619+/-0.821 χ^2/NDF:477.6/22

+ sign 4.128+/-0.648 χ^2/NDF: 950.9/46

All: 4.876+/-0.457 χ^2/NDF: 1847.2/94

- sign 5.619+/-0.646 χ^2/NDF: 893.7/47

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 281.347+/-1.644 χ^2/NDF: 5733.8/21

Left Out: 218.389+/-1.038 χ^2/NDF:3696.7/24

Right Out: 282.663+/-1.253 χ^2/NDF: 9678.0/24

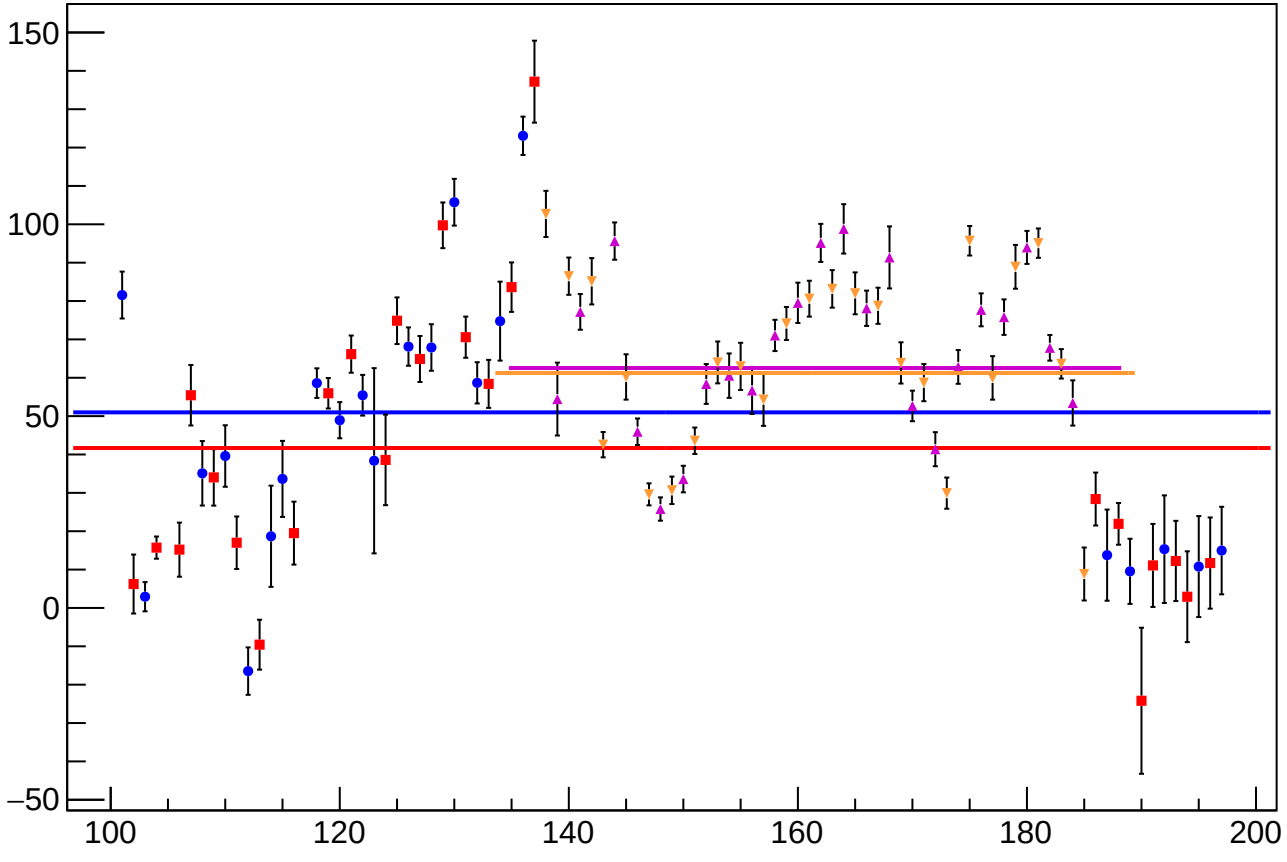
Left In: 223.827+/-1.058 χ^2/NDF:3444.7/22

+ sign 236.323+/-0.878 χ^2/NDF: 10479.0/46

All: 242.821+/-0.595 χ^2/NDF: 24990.2/94

- sign 248.335+/-0.808 χ^2/NDF: 14409.9/47

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 50.979+/-1.367 χ^2/NDF: 698.5/21

Left Out: 61.240+/-0.903 χ^2/NDF:718.8/24

Right Out: 41.686+/-1.260 χ^2/NDF: 601.0/24

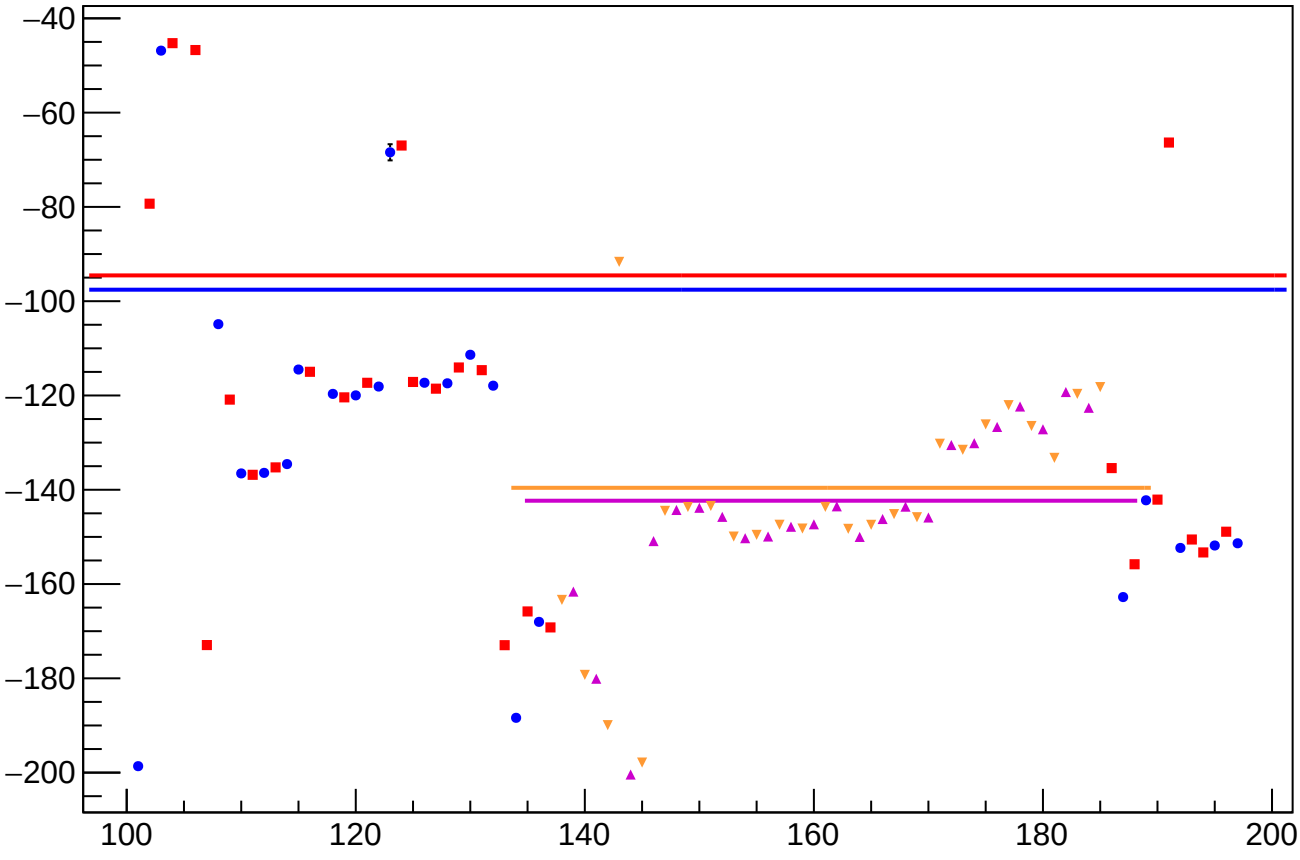
Left In: 62.538+/-0.940 χ^2/NDF:520.0/22

+ sign 58.125+/-0.753 χ^2/NDF: 1456.6/46

All: 56.603+/-0.533 χ^2/NDF: 2761.7/94

- sign 55.080+/-0.754 χ^2/NDF: 1296.9/47

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -97.562+/-0.064 χ^2/NDF: 619614.2/21

Left Out: -139.585+/-0.043 χ^2/NDF:243895.1/24

Right Out: -94.531+/-0.059 χ^2/NDF: 652727.9/24

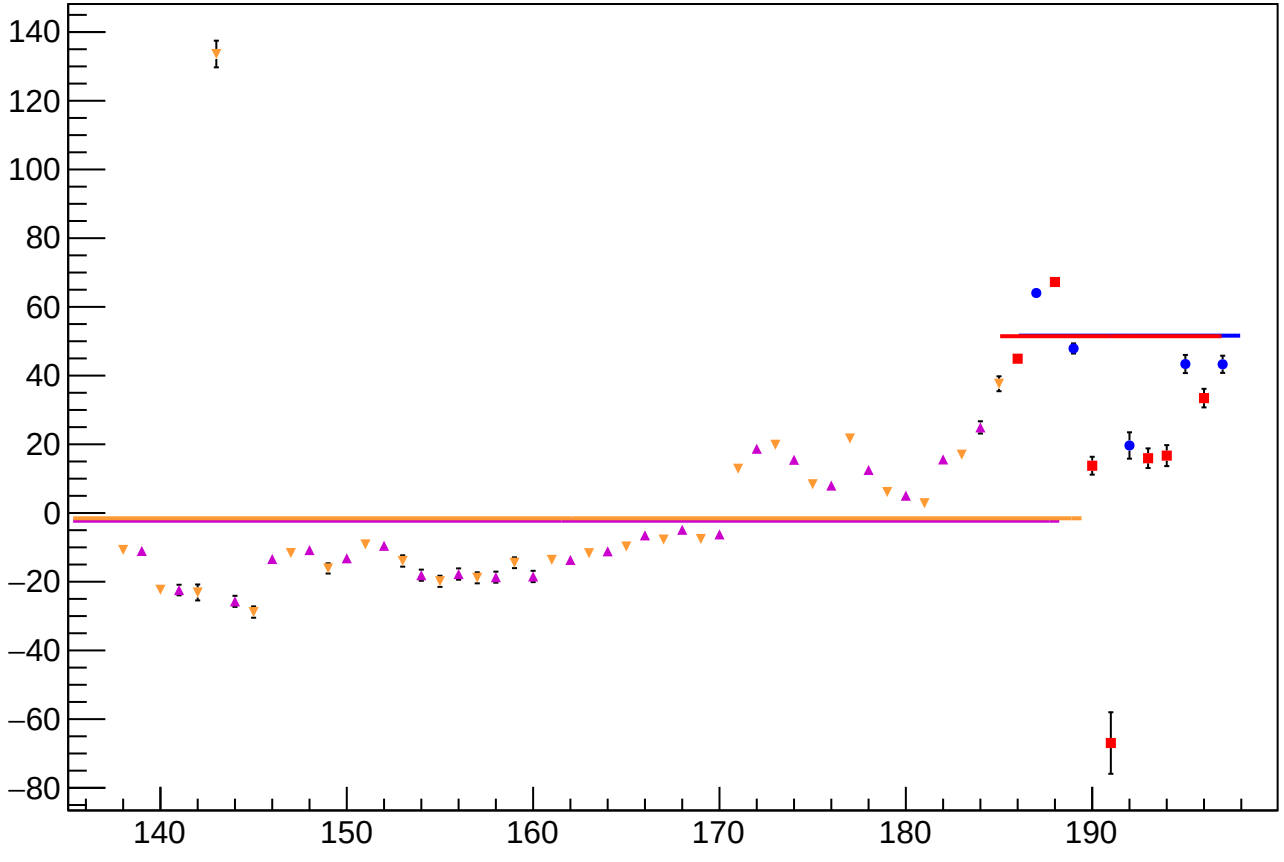
Left In: -142.326+/-0.044 χ^2/NDF:144642.3/22

+ sign -126.393+/-0.036 χ^2/NDF: 1161942.2/46

All: -125.756+/-0.025 χ^2/NDF: 2386061.7/94

- sign -125.139+/-0.035 χ^2/NDF: 1223492.1/47

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 51.627+/-0.862 χ^2/NDF: 176.0/4

Left Out: -1.540+/-0.268 χ^2/NDF:4129.1/24

Right Out: 51.460+/-0.532 χ^2/NDF: 1185.3/6

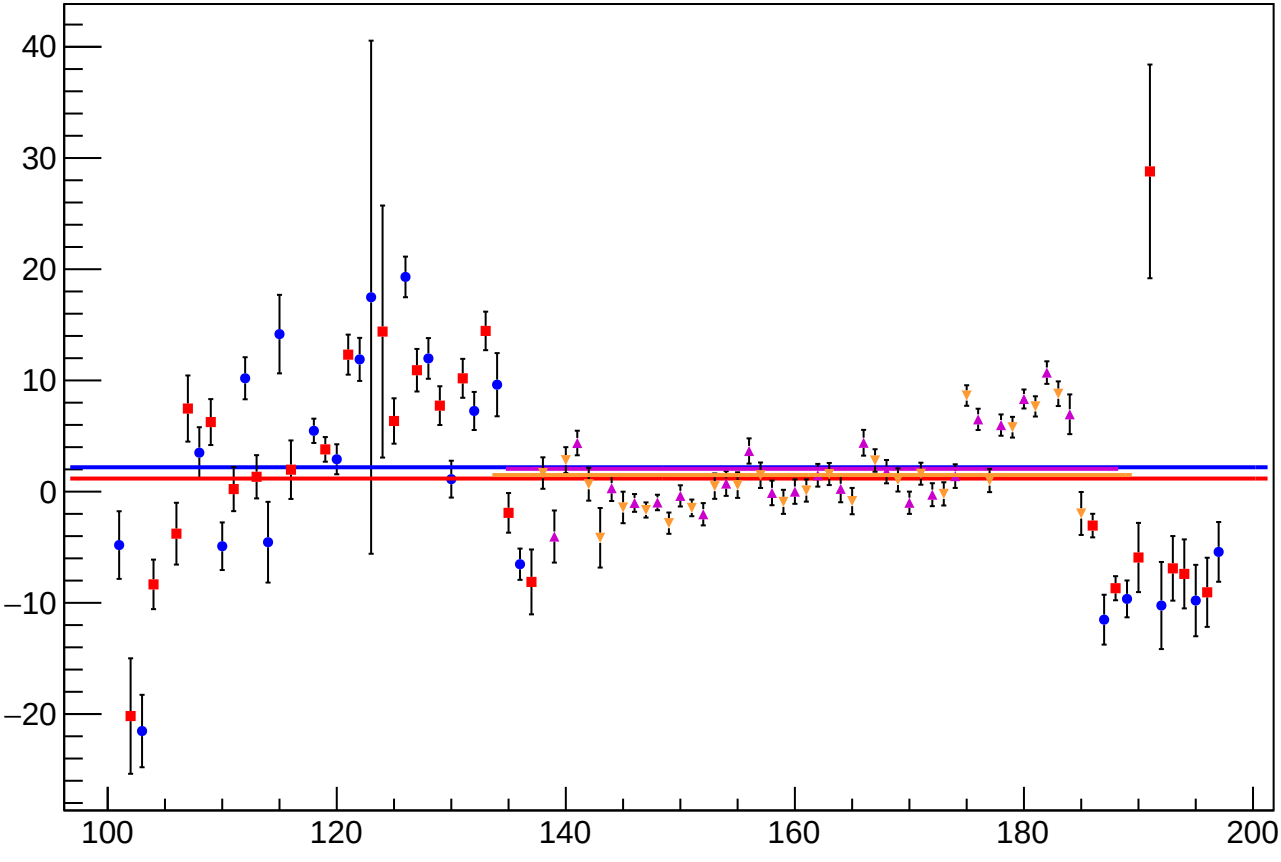
Left In: -2.244+/-0.270 χ^2/NDF:2561.6/22

+ sign 3.137+/-0.256 χ^2/NDF: 7774.5/29

All: 6.099+/-0.175 χ^2/NDF: 19879.2/59

- sign 8.720+/-0.240 χ^2/NDF: 11851.6/29

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 2.191+/-0.426 χ^2/NDF: 428.7/21

Left Out: 1.492+/-0.210 χ^2/NDF:258.3/24

Right Out: 1.177+/-0.388 χ^2/NDF: 377.8/24

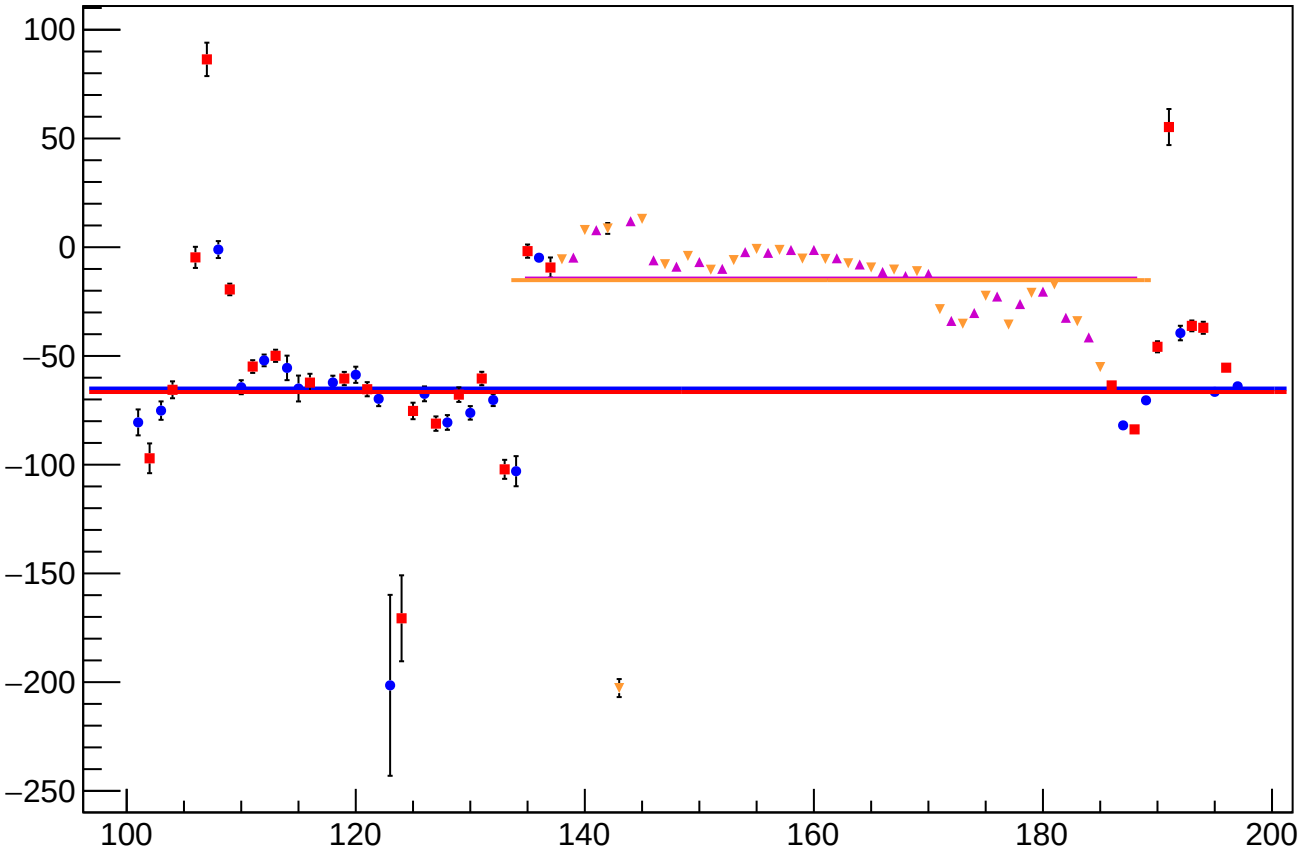
Left In: 2.051+/-0.215 χ^2/NDF:275.4/22

+ sign 1.629+/-0.189 χ^2/NDF: 689.2/46

All: 1.738+/-0.133 χ^2/NDF: 1347.0/94

- sign 1.847+/-0.188 χ^2/NDF: 657.0/47

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -64.983+/-0.551 χ^2/NDF: 1461.6/21

Left Out: -15.140+/-0.267 χ^2/NDF:4451.9/24

Right Out: -66.583+/-0.387 χ^2/NDF: 3029.7/24

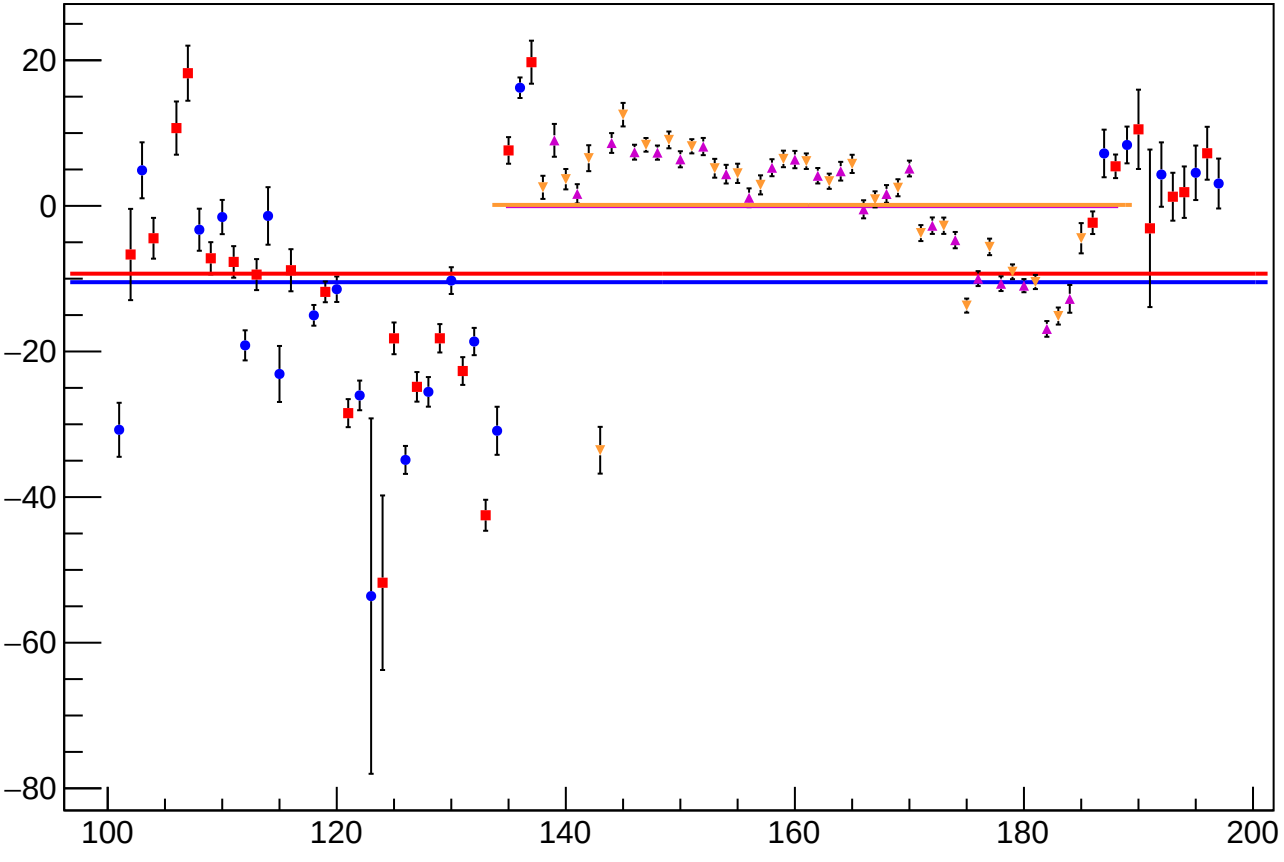
Left In: -14.415+/-0.268 χ^2/NDF:2065.7/22

+ sign -24.610+/-0.240 χ^2/NDF: 12541.9/46

All: -28.267+/-0.162 χ^2/NDF: 30354.0/94

- sign -31.343+/-0.220 χ^2/NDF: 17385.3/47

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -10.481+/-0.499 χ^2/NDF: 932.4/21

Left Out: 0.133+/-0.238 χ^2/NDF:1146.9/24

Right Out: -9.313+/-0.470 χ^2/NDF: 930.5/24

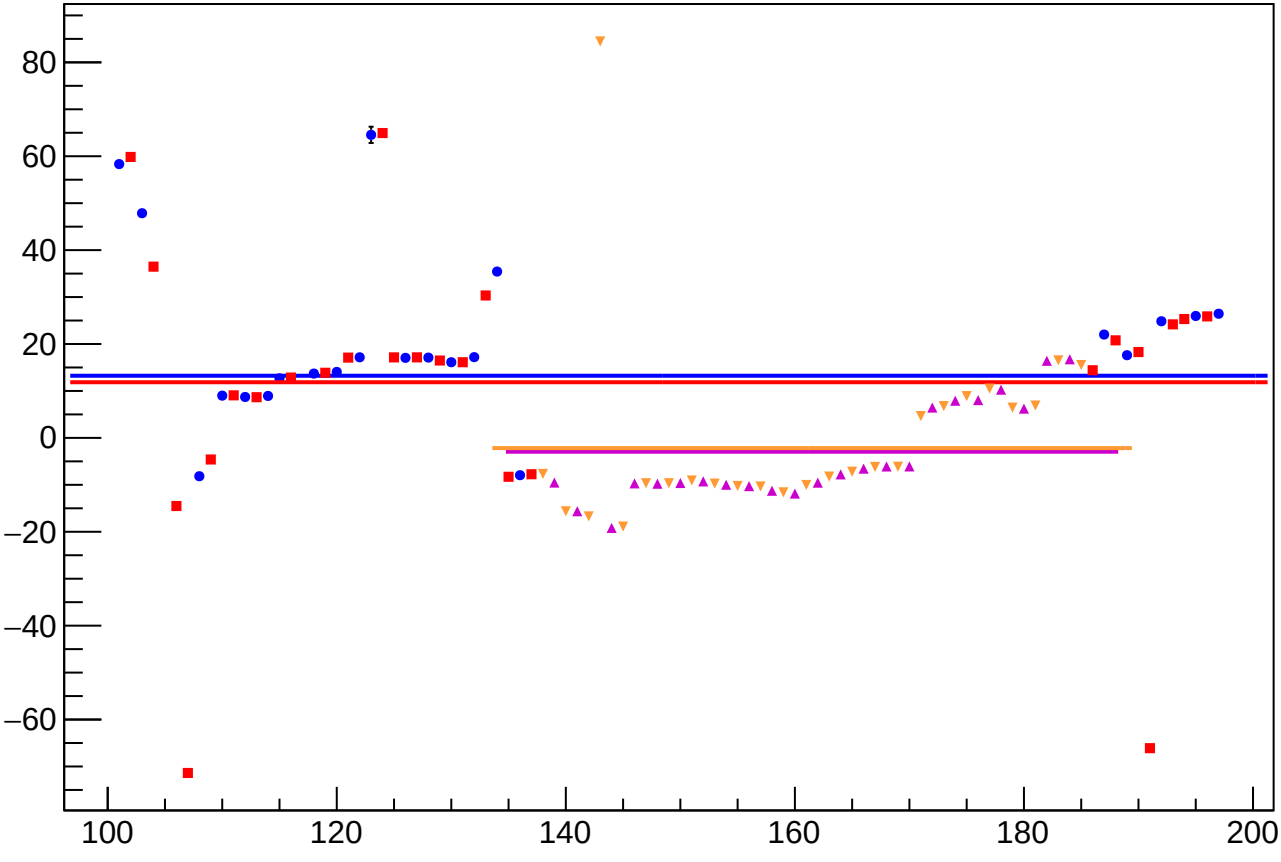
Left In: -0.036+/-0.242 χ^2/NDF:1027.6/22

+ sign -1.839+/-0.215 χ^2/NDF: 2447.6/46

All: -1.913+/-0.152 χ^2/NDF: 4714.2/94

- sign -1.988+/-0.215 χ^2/NDF: 2266.3/47

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 13.240+/-0.027 χ^2/NDF: 425021.4/21

Left Out: -2.176+/-0.011 χ^2/NDF:1047394.9/24

Right Out: 11.855+/-0.025 χ^2/NDF: 686197.7/24

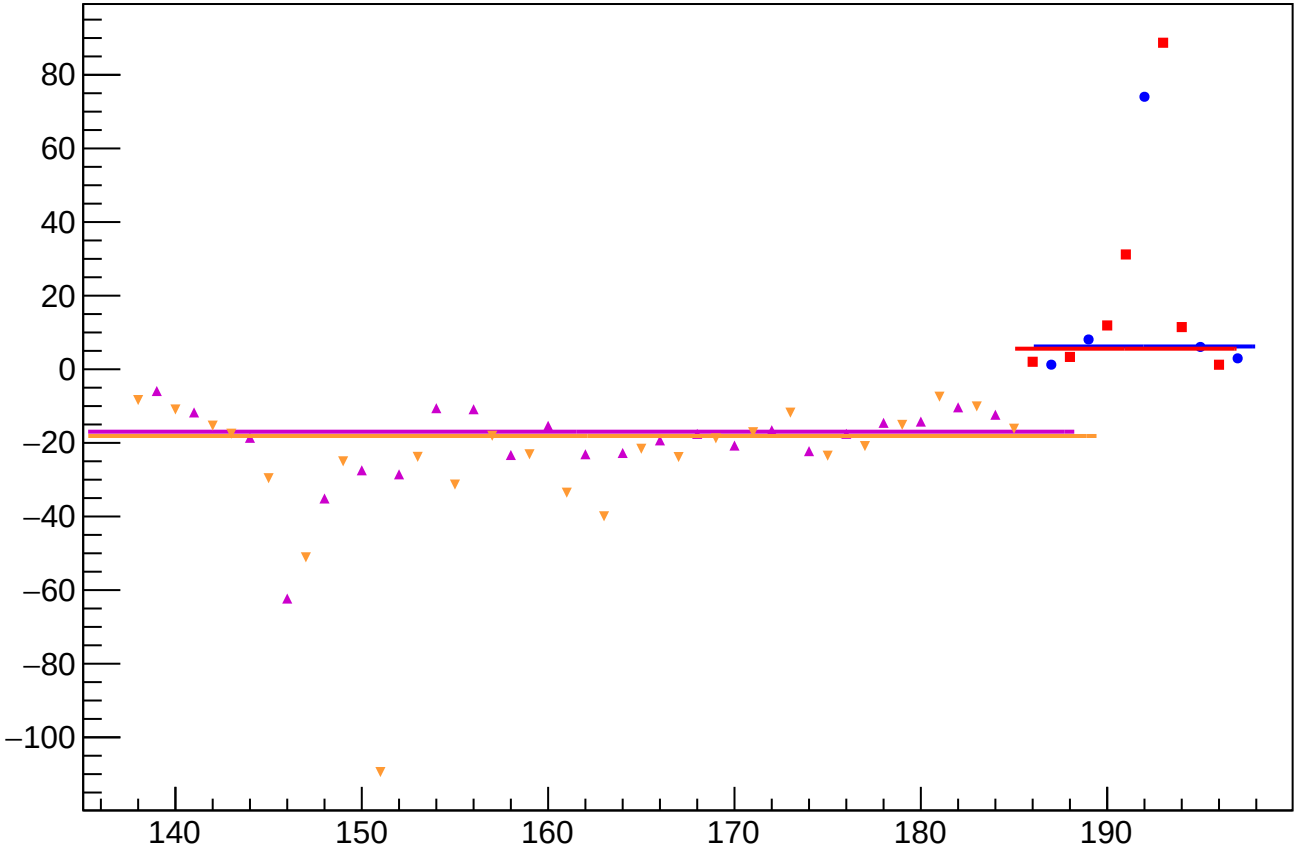
Left In: -2.949+/-0.011 χ^2/NDF:770702.4/22

+ sign -0.001+/-0.010 χ^2/NDF: 1753408.7/46

All: -0.313+/-0.007 χ^2/NDF: 3499685.0/94

- sign -0.620+/-0.010 χ^2/NDF: 1744392.0/47

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 6.196+/-0.099 χ^2/NDF: 11330.6/4

Left Out: -18.127+/-0.039 χ^2/NDF:88514.4/24

Right Out: 5.595+/-0.079 χ^2/NDF: 24770.1/6

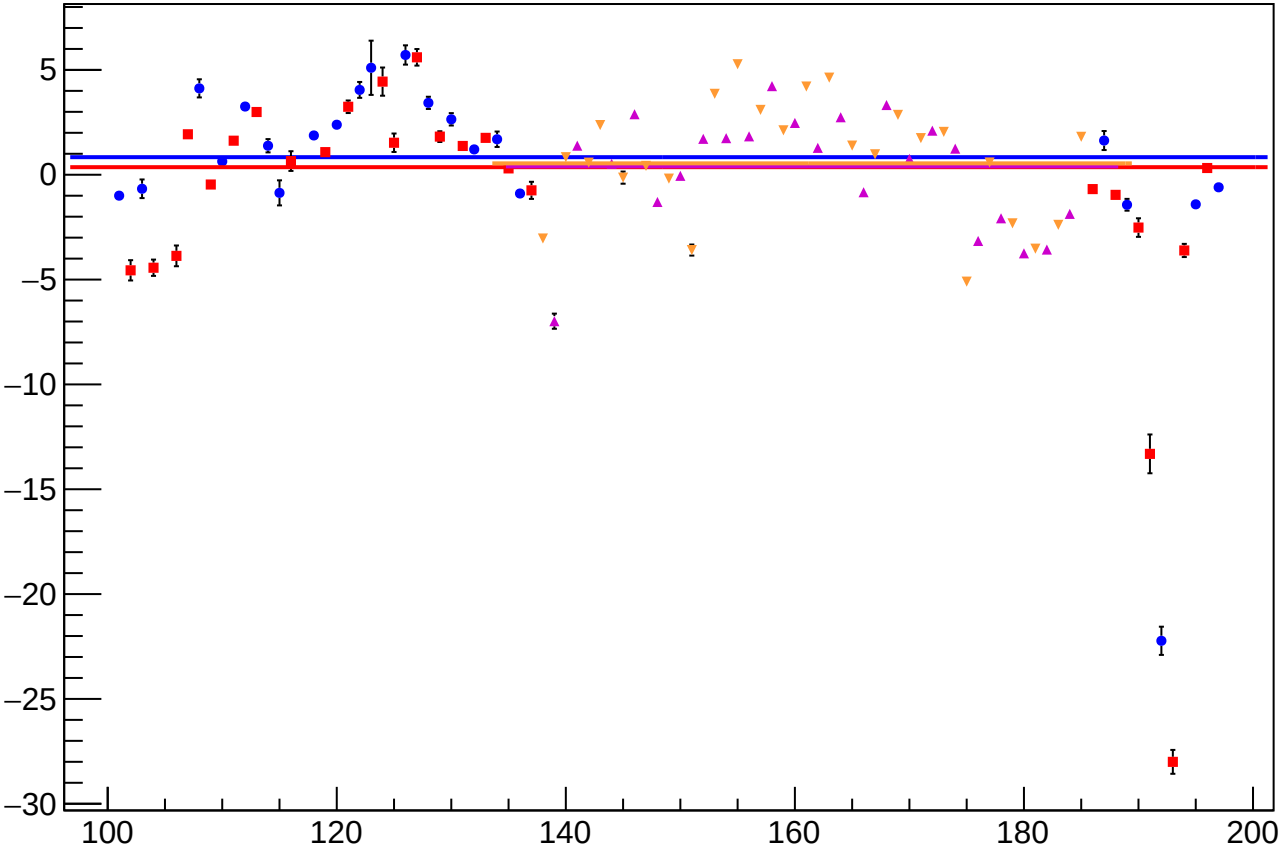
Left In: -16.958+/-0.038 χ^2/NDF:44759.9/22

+ sign -14.884+/-0.036 χ^2/NDF: 151815.3/29

All: -13.735+/-0.025 χ^2/NDF: 289590.5/59

- sign -12.710+/-0.034 χ^2/NDF: 135874.4/29

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 0.838+/-0.054 χ^2/NDF: 2255.6/21

Left Out: 0.543+/-0.032 χ^2/NDF:7067.6/24

Right Out: 0.361+/-0.050 χ^2/NDF: 4095.2/24

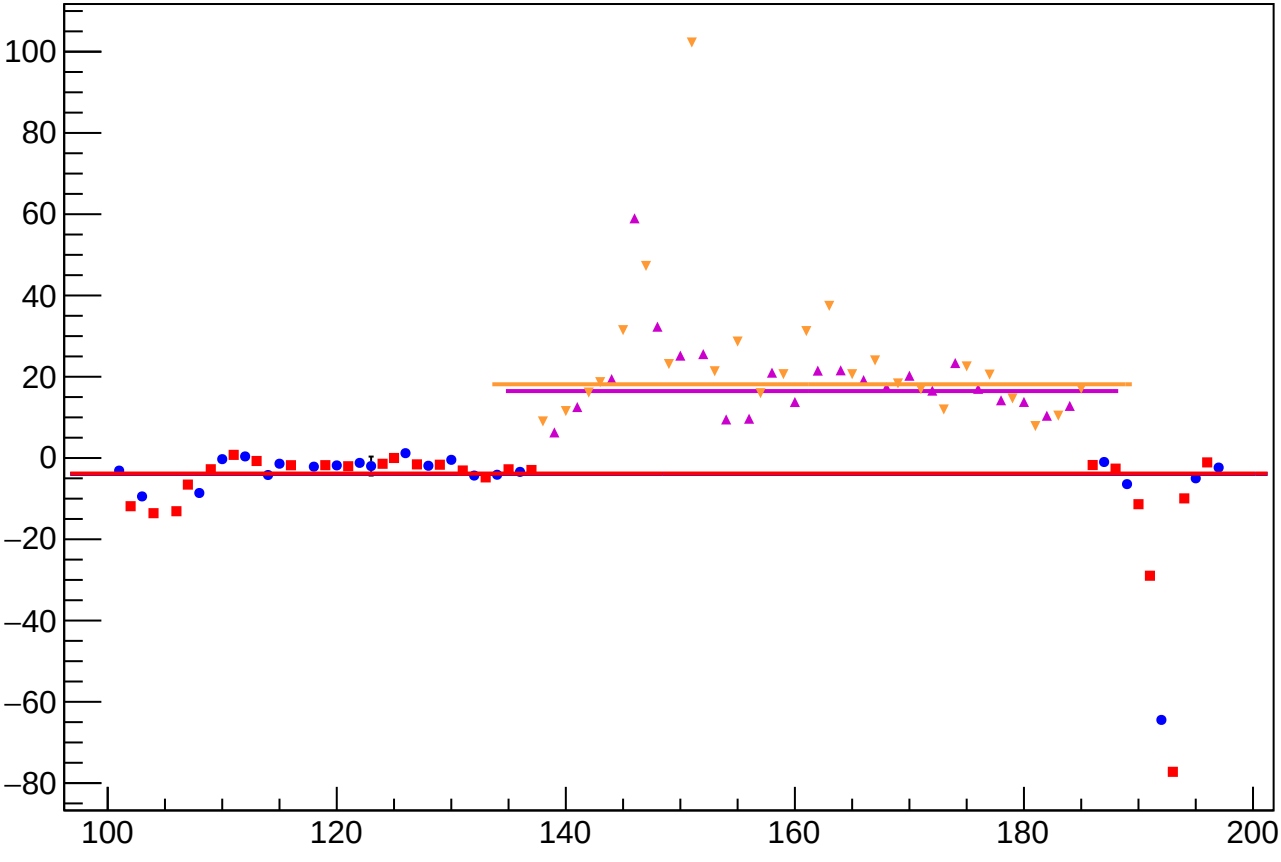
Left In: 0.398+/-0.031 χ^2/NDF:6286.3/22

+ sign 0.621+/-0.028 χ^2/NDF: 9345.2/46

All: 0.498+/-0.019 χ^2/NDF: 19764.4/94

- sign 0.388+/-0.026 χ^2/NDF: 10381.9/47

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -3.923+/-0.066 χ^2/NDF: 12302.6/21

Left Out: 18.147+/-0.039 χ^2/NDF:77805.7/24

Right Out: -3.825+/-0.054 χ^2/NDF: 26267.7/24

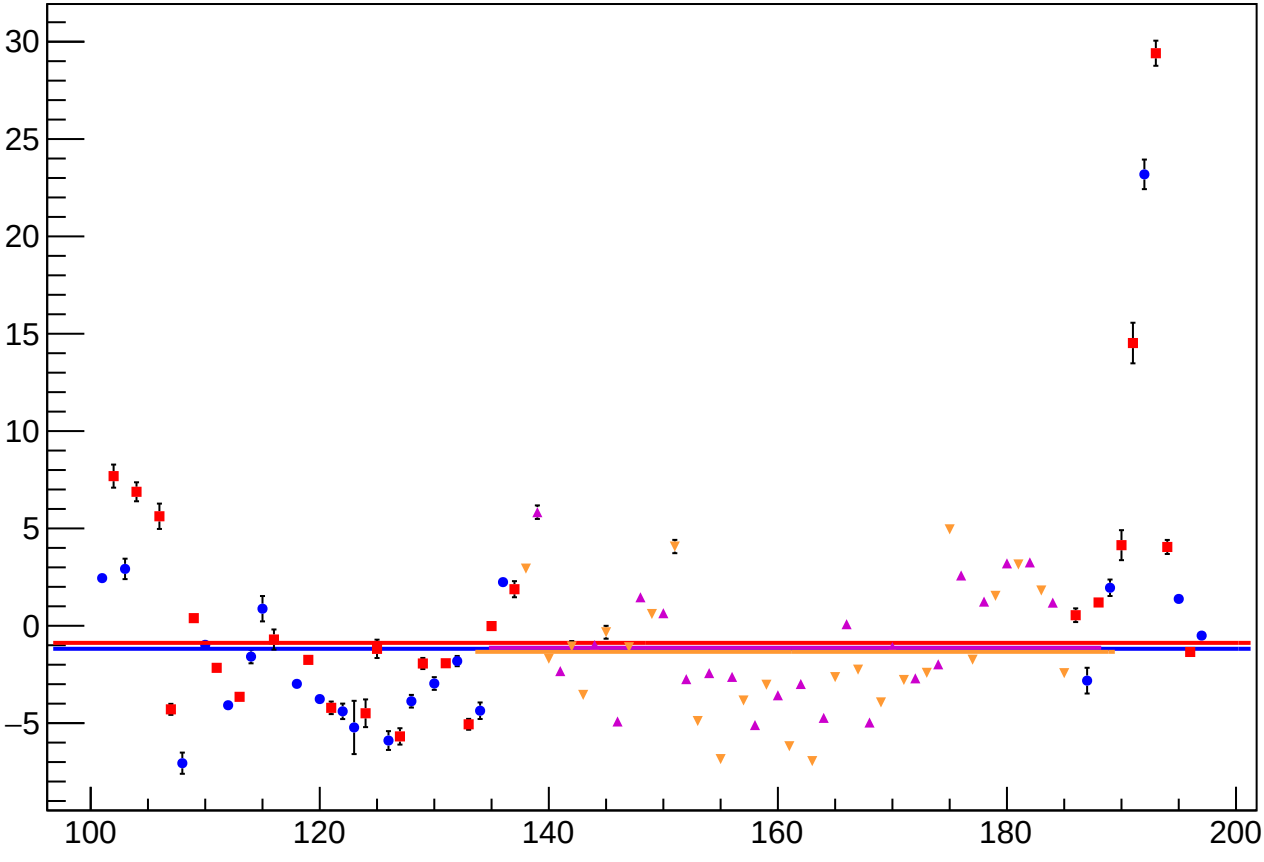
Left In: 16.477+/-0.038 χ^2/NDF:41326.5/22

+ sign 12.448+/-0.034 χ^2/NDF: 172238.2/46

All: 11.066+/-0.023 χ^2/NDF: 337222.7/94

- sign 9.902+/-0.031 χ^2/NDF: 161888.9/47

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.182+/-0.063 χ^2/NDF: 2627.4/21

Left Out: -1.338+/-0.036 χ^2/NDF:7920.8/24

Right Out: -0.878+/-0.059 χ^2/NDF: 4356.5/24

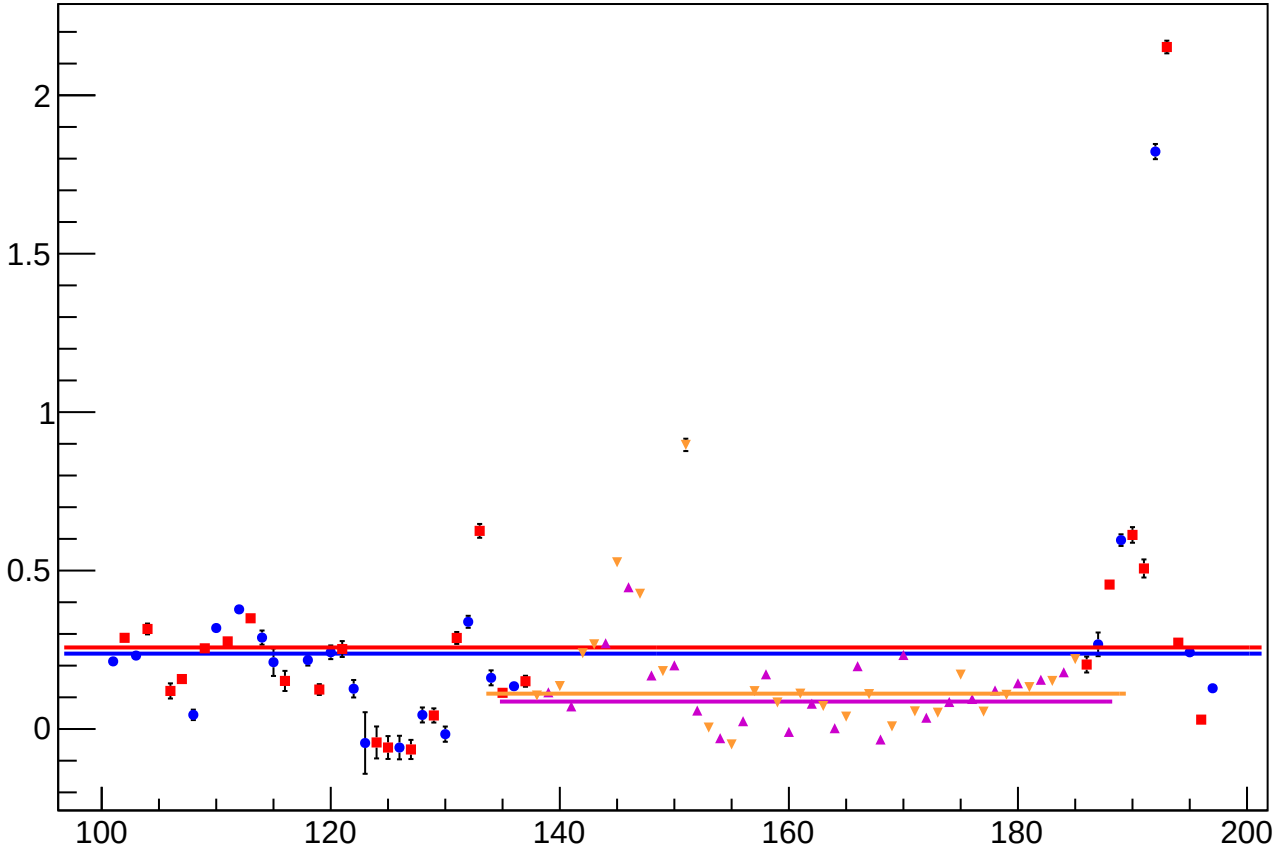
Left In: -1.129+/-0.034 χ^2/NDF:6778.7/22

+ sign -1.300+/-0.031 χ^2/NDF: 10552.8/46

All: -1.176+/-0.021 χ^2/NDF: 21730.9/94

- sign -1.066+/-0.030 χ^2/NDF: 11148.6/47

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.238+/-0.003 χ^2/NDF: 5707.8/21

Left Out: 0.112+/-0.002 χ^2/NDF:4459.9/24

Right Out: 0.257+/-0.003 χ^2/NDF: 11592.7/24

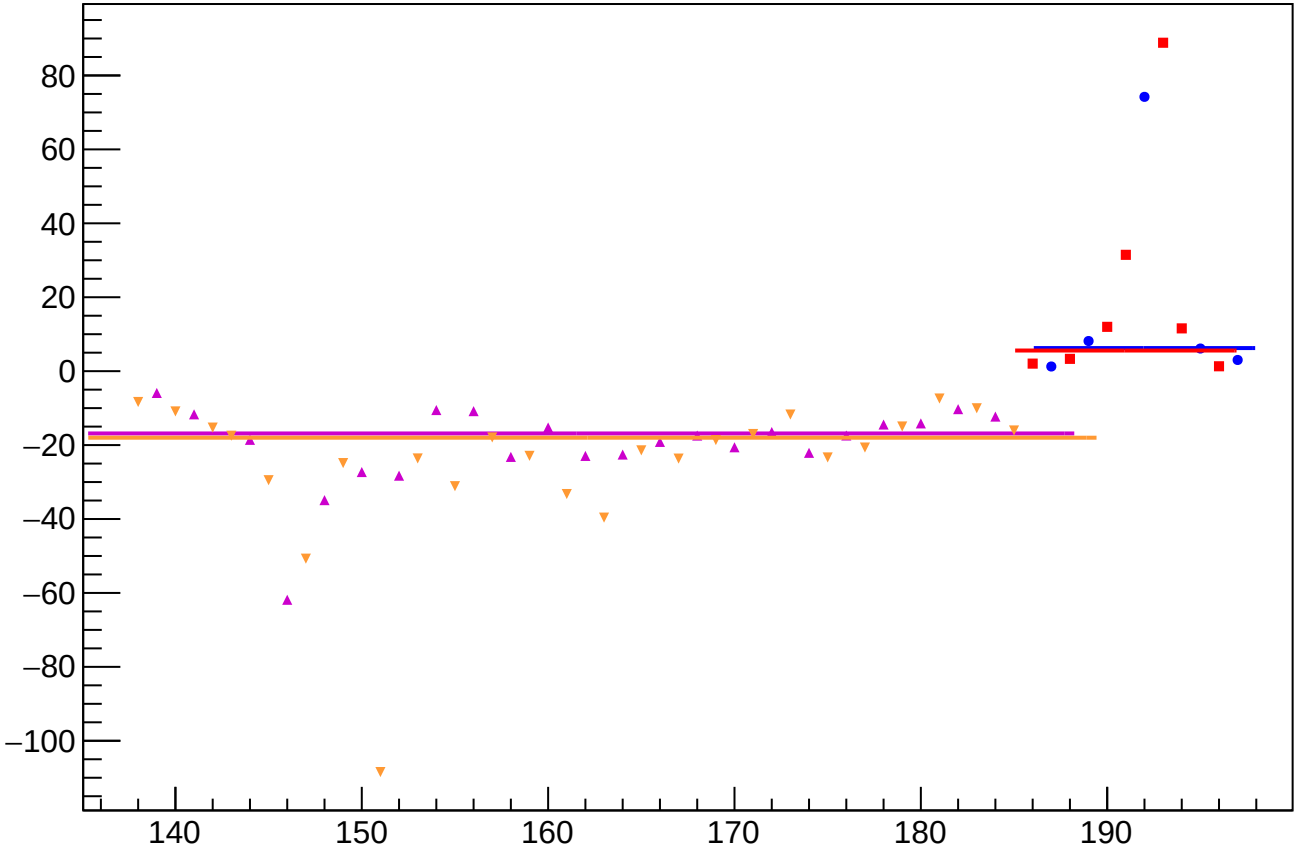
Left In: 0.087+/-0.001 χ^2/NDF:3661.4/22

+ sign 0.138+/-0.001 χ^2/NDF: 11448.1/46

All: 0.129+/-0.001 χ^2/NDF: 29386.4/94

- sign 0.121+/-0.001 χ^2/NDF: 17863.7/47

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 6.246+/-0.099 χ^2/NDF: 11459.3/4

Left Out: -18.004+/-0.039 χ^2/NDF:88352.2/24

Right Out: 5.585+/-0.078 χ^2/NDF: 25099.8/6

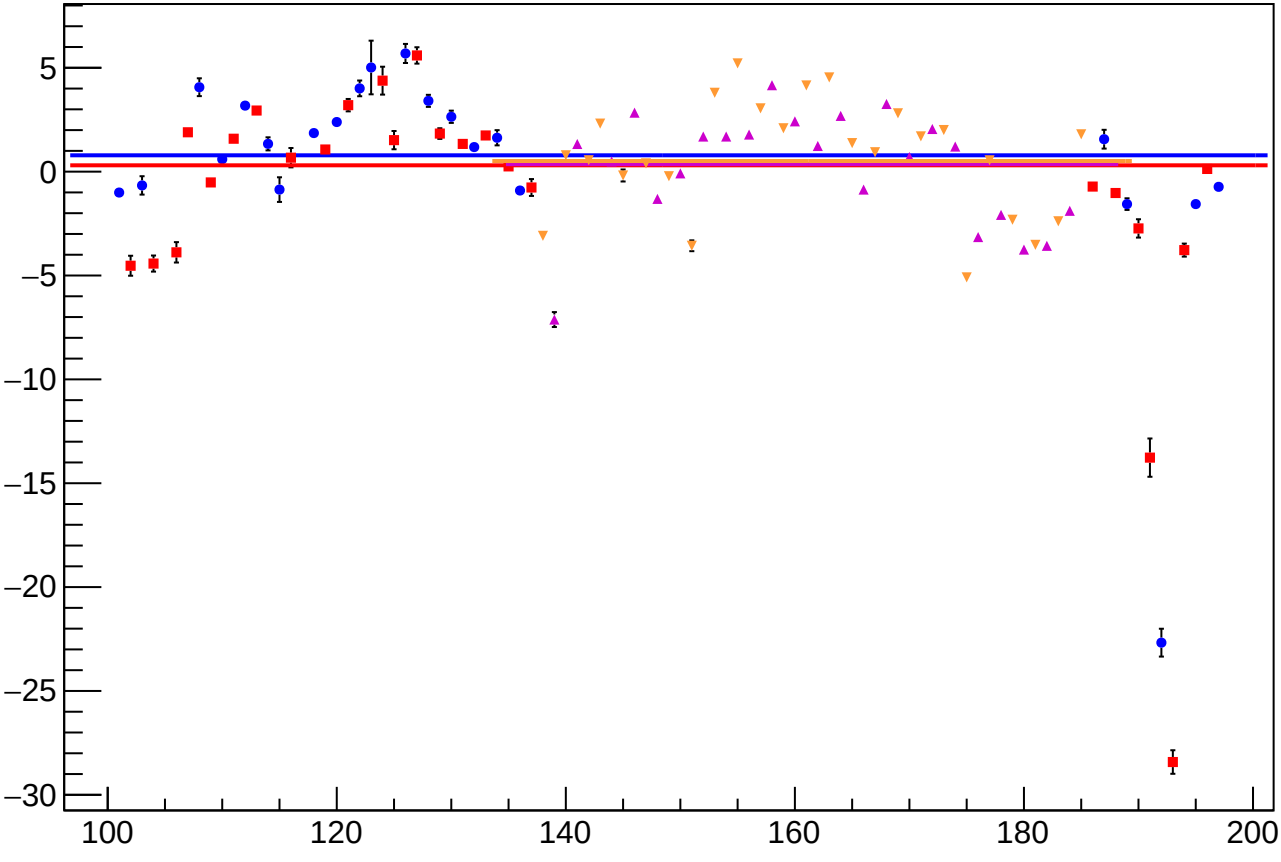
Left In: -16.854+/-0.038 χ^2/NDF:44680.7/22

+ sign -14.786+/-0.036 χ^2/NDF: 151968.2/29

All: -13.634+/-0.025 χ^2/NDF: 290542.6/59

- sign -12.608+/-0.034 χ^2/NDF: 136641.5/29

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 0.787+/-0.054 χ^2/NDF: 2340.4/21

Left Out: 0.511+/-0.032 χ^2/NDF:7053.0/24

Right Out: 0.305+/-0.050 χ^2/NDF: 4233.3/24

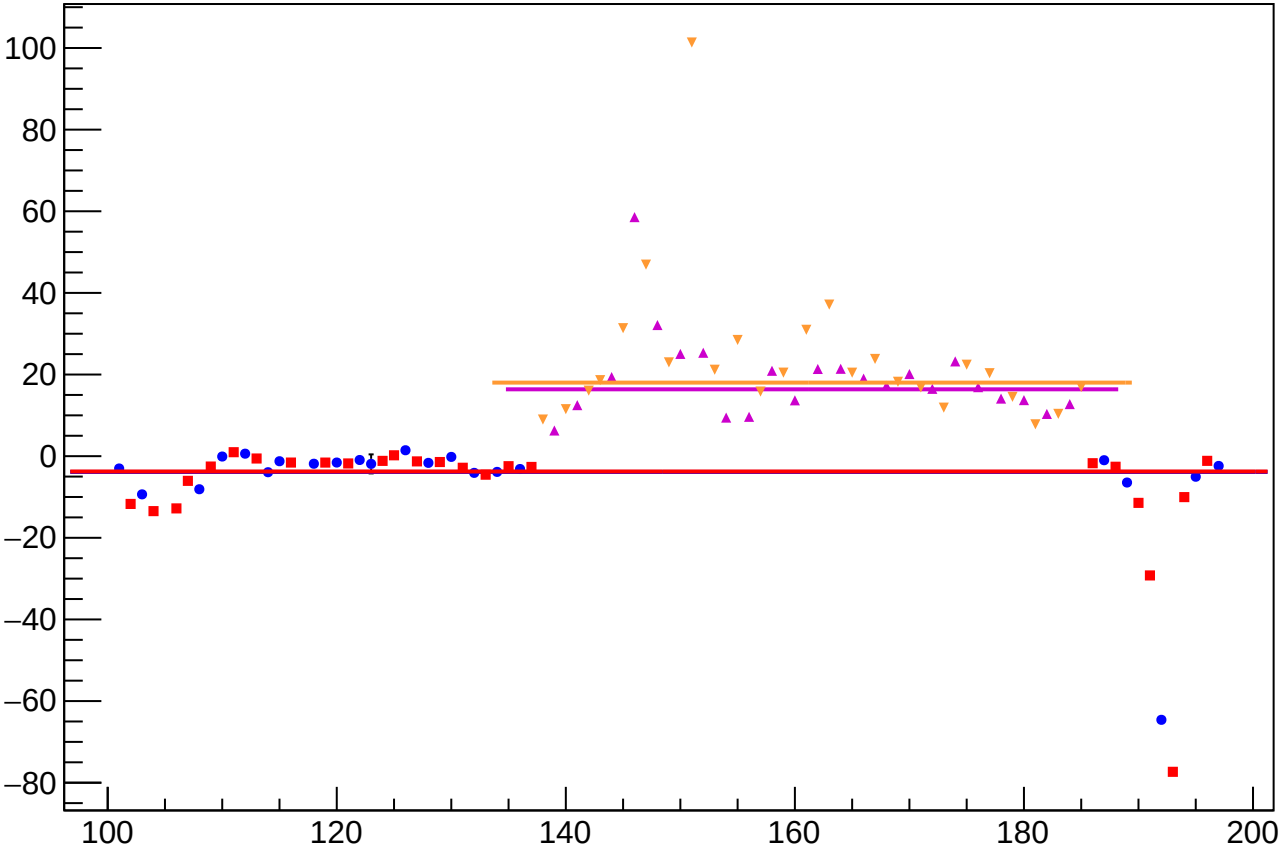
Left In: 0.361+/-0.030 χ^2/NDF:6273.5/22

+ sign 0.584+/-0.028 χ^2/NDF: 9412.7/46

All: 0.458+/-0.019 χ^2/NDF: 19959.8/94

- sign 0.346+/-0.026 χ^2/NDF: 10507.6/47

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -3.866+/-0.066 χ^2/NDF: 12515.3/21

Left Out: 18.023+/-0.039 χ^2/NDF:77674.0/24

Right Out: -3.753+/-0.054 χ^2/NDF: 26667.0/24

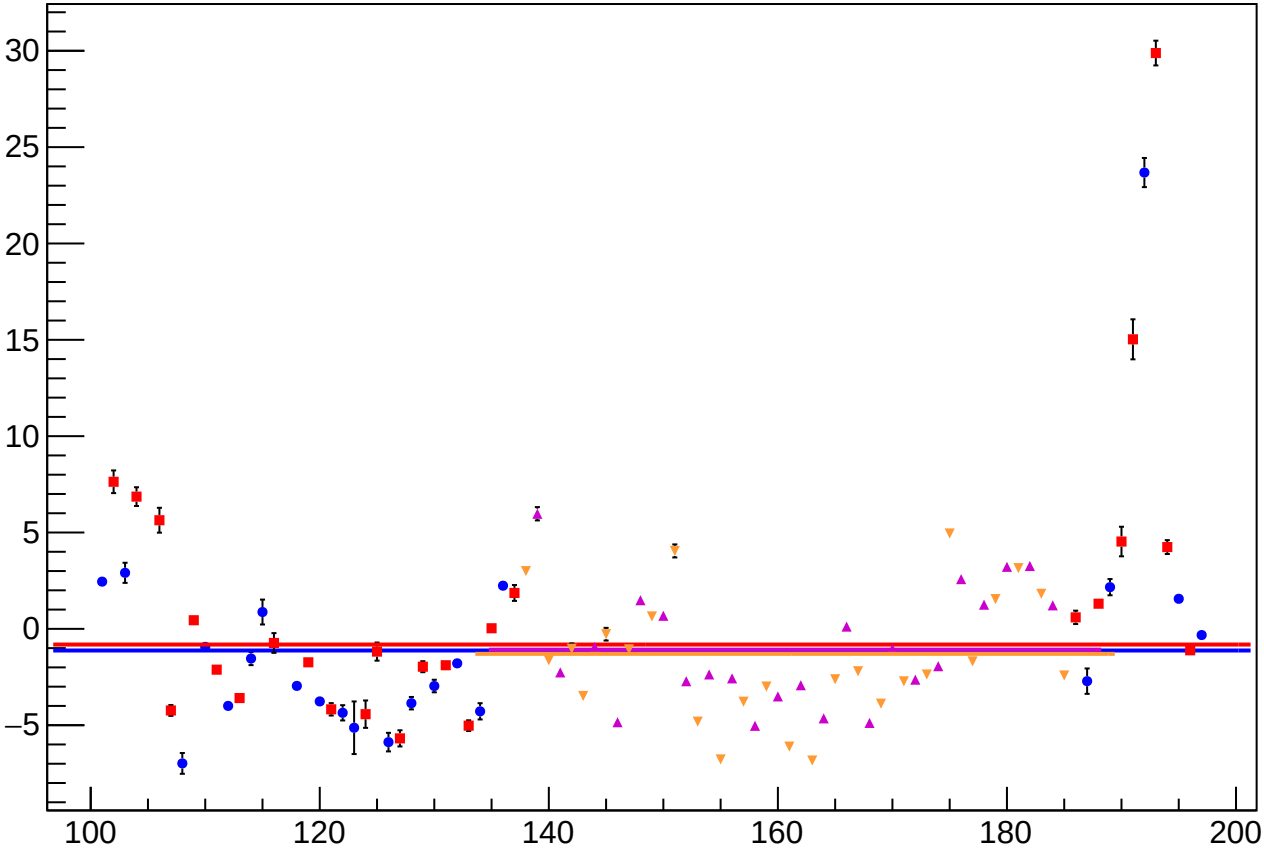
Left In: 16.377+/-0.037 χ^2/NDF:41253.5/22

+ sign 12.391+/-0.033 χ^2/NDF: 171834.9/46

All: 11.007+/-0.023 χ^2/NDF: 337070.2/94

- sign 9.843+/-0.031 χ^2/NDF: 162090.0/47

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.123+/-0.063 χ^2/NDF: 2699.2/21

Left Out: -1.297+/-0.036 χ^2/NDF:7903.2/24

Right Out: -0.815+/-0.059 χ^2/NDF: 4488.9/24

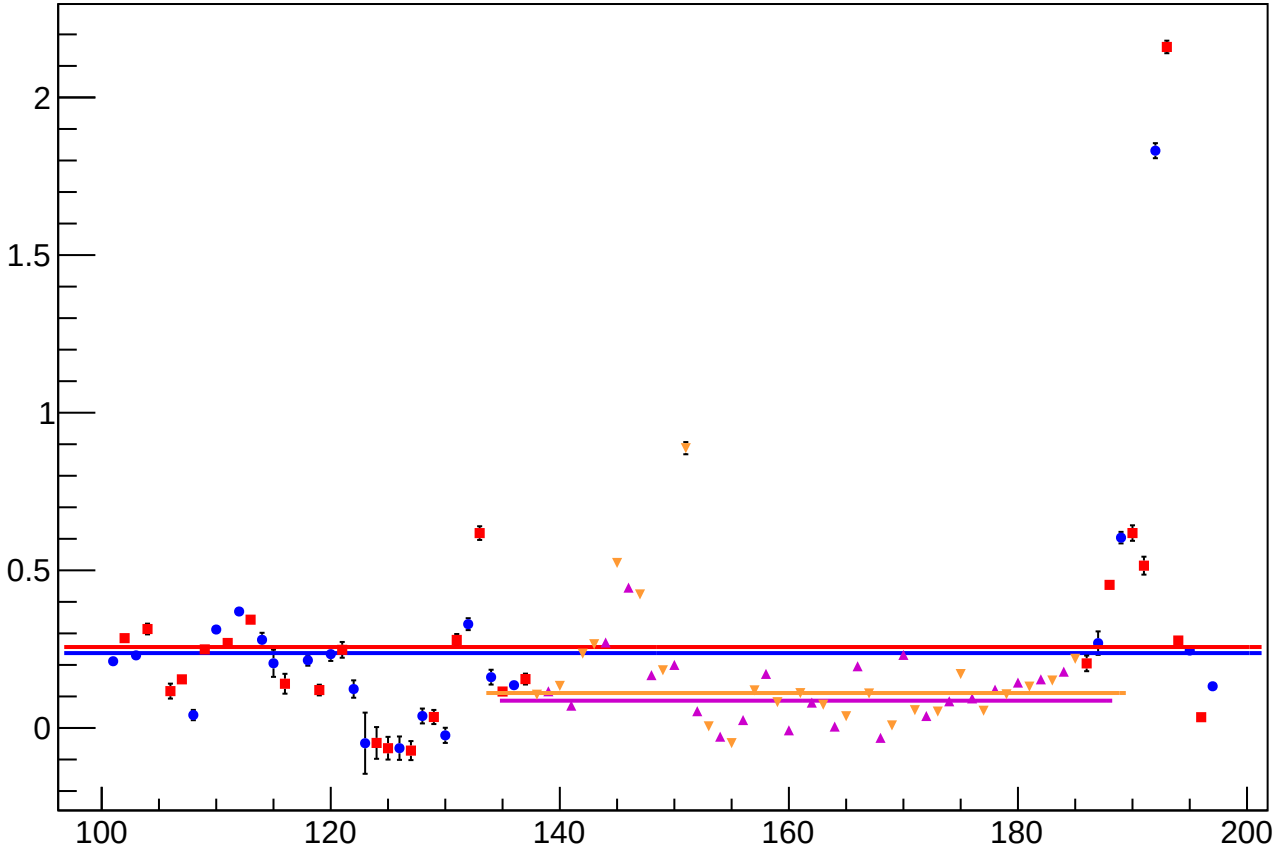
Left In: -1.081+/-0.034 χ^2/NDF:6764.0/22

+ sign -1.255+/-0.031 χ^2/NDF: 10608.2/46

All: -1.128+/-0.021 χ^2/NDF: 21908.1/94

- sign -1.015+/-0.029 χ^2/NDF: 11268.3/47

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.238+/-0.003 χ^2/NDF: 5799.4/21

Left Out: 0.111+/-0.002 χ^2/NDF:4452.0/24

Right Out: 0.257+/-0.003 χ^2/NDF: 11740.5/24

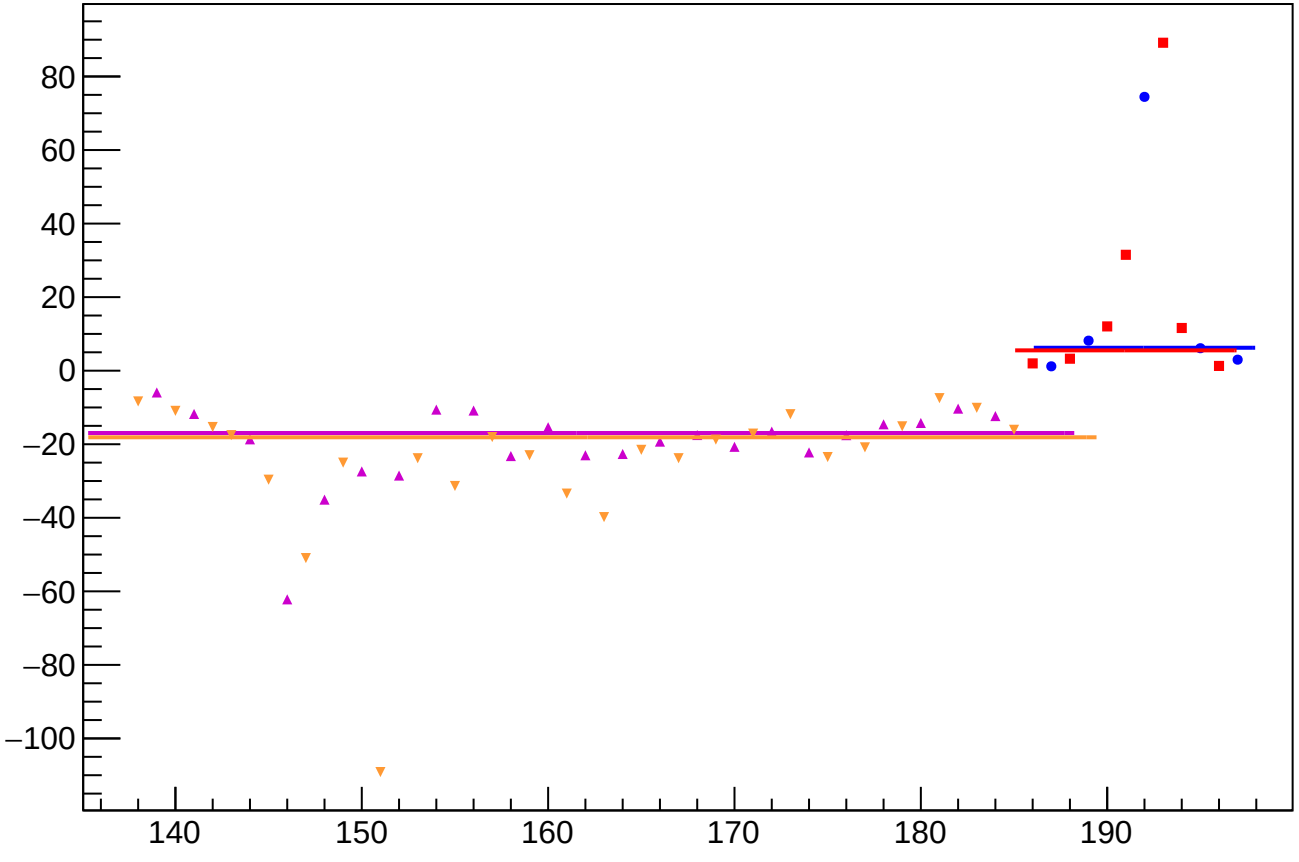
Left In: 0.087+/-0.001 χ^2/NDF:3631.4/22

+ sign 0.137+/-0.001 χ^2/NDF: 11552.2/46

All: 0.128+/-0.001 χ^2/NDF: 29614.5/94

- sign 0.121+/-0.001 χ^2/NDF: 17991.2/47

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 6.237+/-0.099 χ^2/NDF: 11471.3/4

Left Out: -18.112+/-0.039 χ^2/NDF:88488.2/24

Right Out: 5.527+/-0.078 χ^2/NDF: 25111.8/6

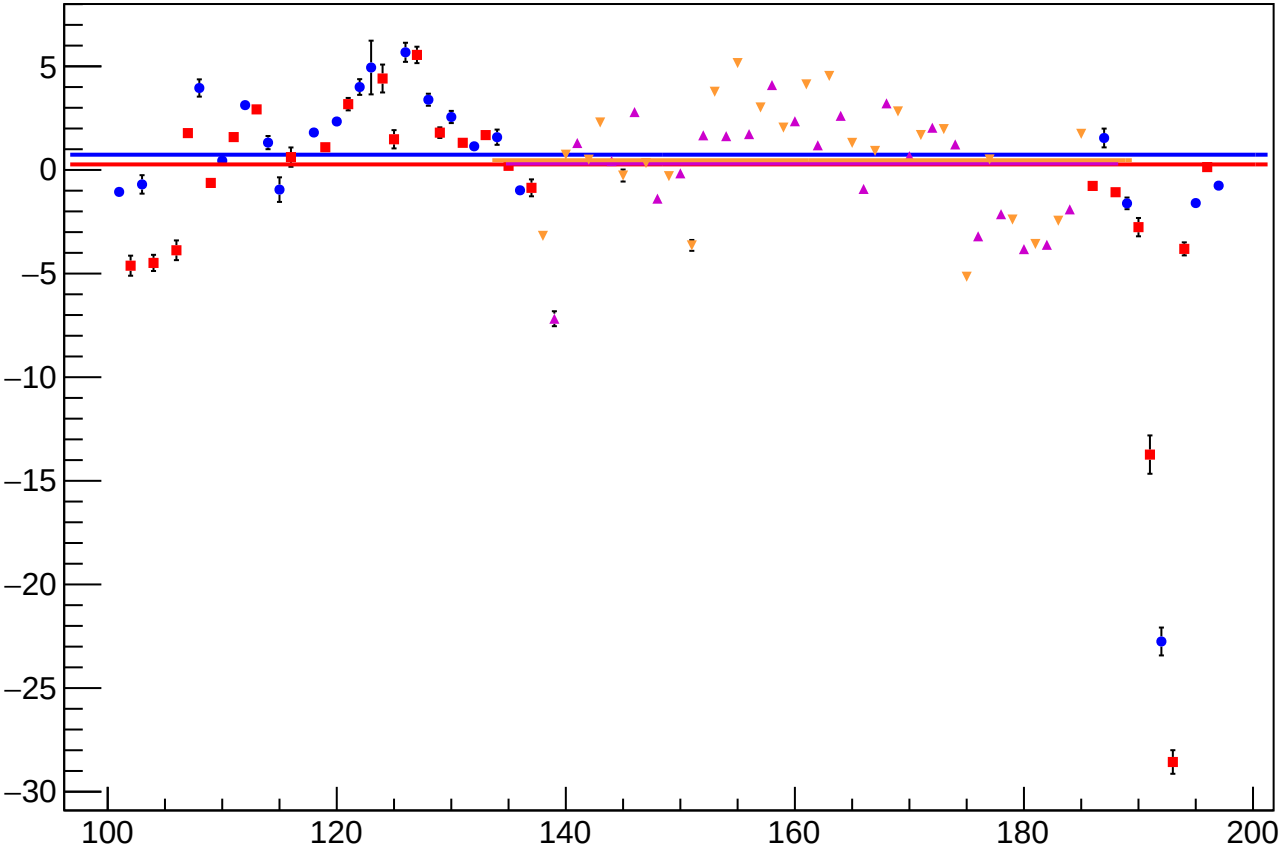
Left In: -16.945+/-0.038 χ^2/NDF:44756.2/22

+ sign -14.890+/-0.036 χ^2/NDF: 151937.9/29

All: -13.714+/-0.025 χ^2/NDF: 290688.9/59

- sign -12.670+/-0.034 χ^2/NDF: 136757.3/29

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 0.736+/-0.054 χ^2/NDF: 2329.9/21

Left Out: 0.469+/-0.032 χ^2/NDF:7076.8/24

Right Out: 0.267+/-0.050 χ^2/NDF: 4232.5/24

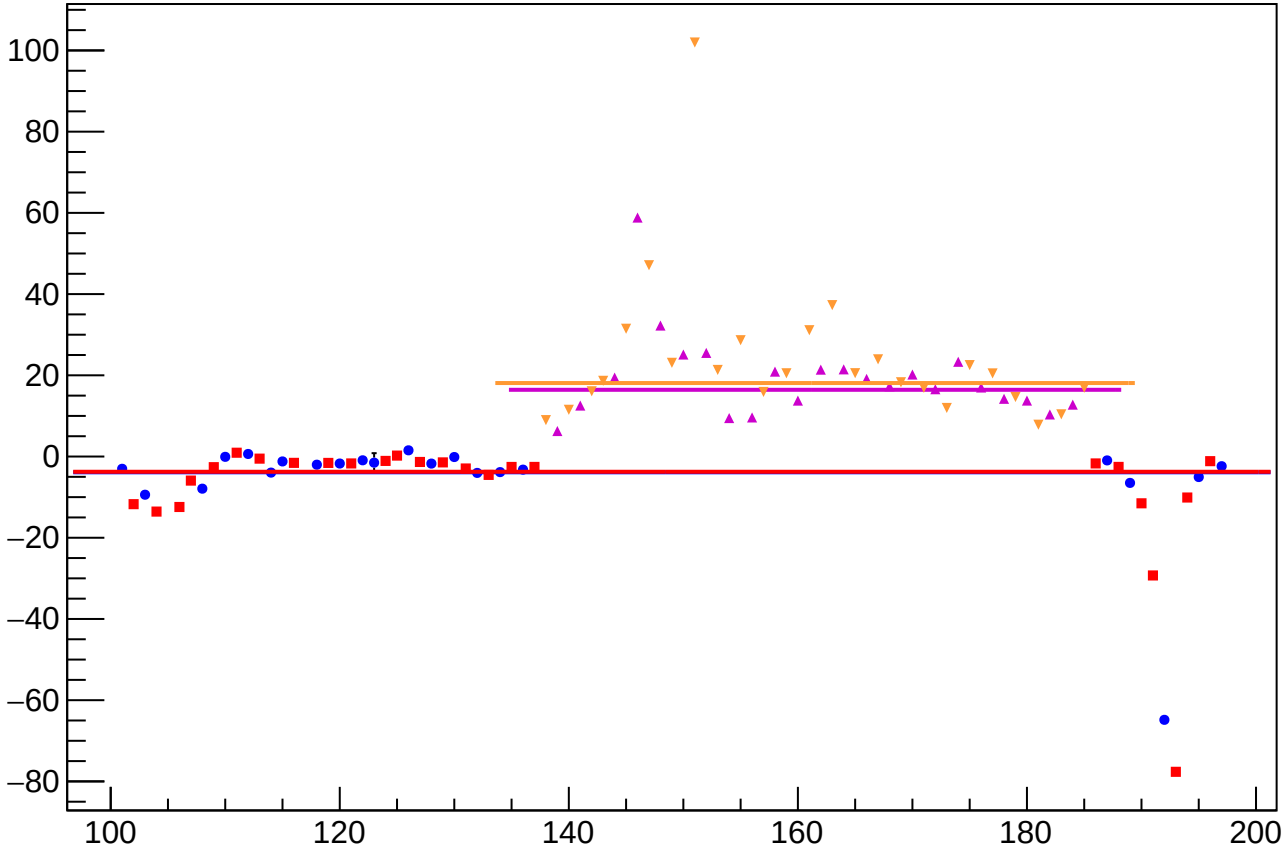
Left In: 0.313+/-0.031 χ^2/NDF:6235.0/22

+ sign 0.539+/-0.028 χ^2/NDF: 9424.7/46

All: 0.413+/-0.019 χ^2/NDF: 19932.2/94

- sign 0.300+/-0.026 χ^2/NDF: 10468.1/47

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -3.884+/-0.066 χ^2/NDF: 12519.1/21

Left Out: 18.098+/-0.039 χ^2/NDF:77793.7/24

Right Out: -3.751+/-0.054 χ^2/NDF: 26654.3/24

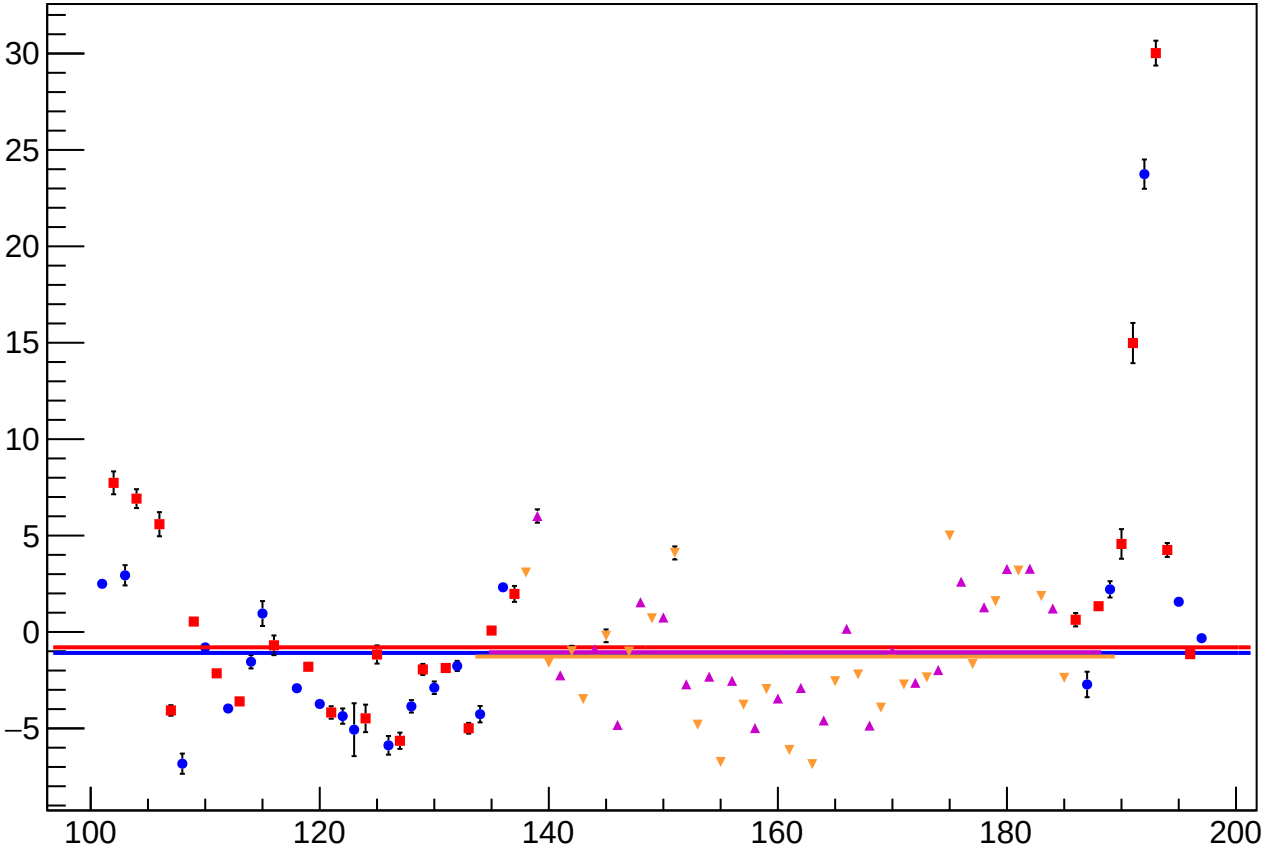
Left In: 16.431+/-0.038 χ^2/NDF:41337.1/22

+ sign 12.454+/-0.034 χ^2/NDF: 171769.7/46

All: 11.044+/-0.023 χ^2/NDF: 337185.6/94

- sign 9.861+/-0.031 χ^2/NDF: 162185.9/47

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.087+/-0.063 χ^2/NDF: 2692.4/21

Left Out: -1.273+/-0.036 χ^2/NDF:7931.0/24

Right Out: -0.795+/-0.059 χ^2/NDF: 4492.3/24

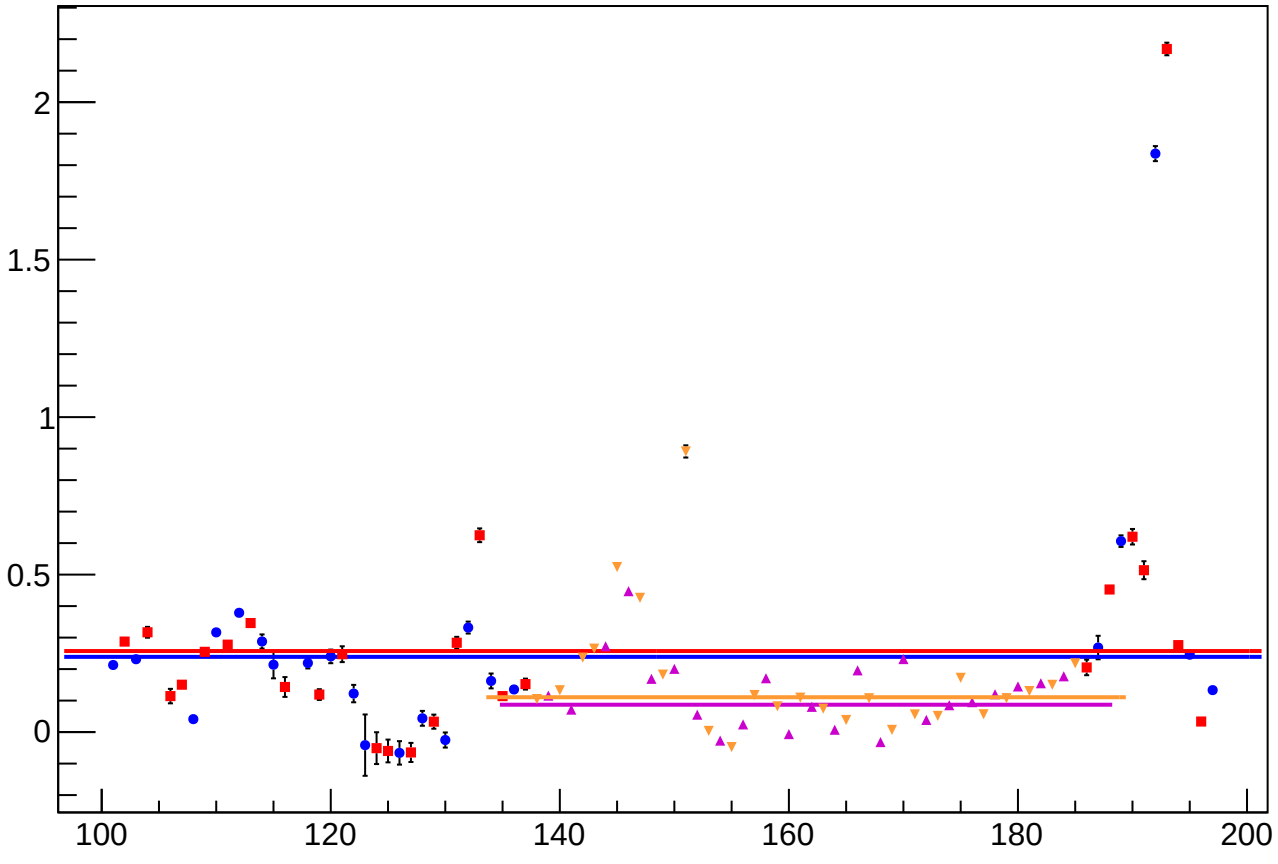
Left In: -1.050+/-0.034 χ^2/NDF:6713.0/22

+ sign -1.228+/-0.031 χ^2/NDF: 10630.0/46

All: -1.100+/-0.021 χ^2/NDF: 21880.7/94

- sign -0.987+/-0.029 χ^2/NDF: 11219.3/47

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.239+/-0.003 χ^2/NDF: 5815.5/21

Left Out: 0.111+/-0.002 χ^2/NDF:4430.3/24

Right Out: 0.257+/-0.003 χ^2/NDF: 11756.2/24

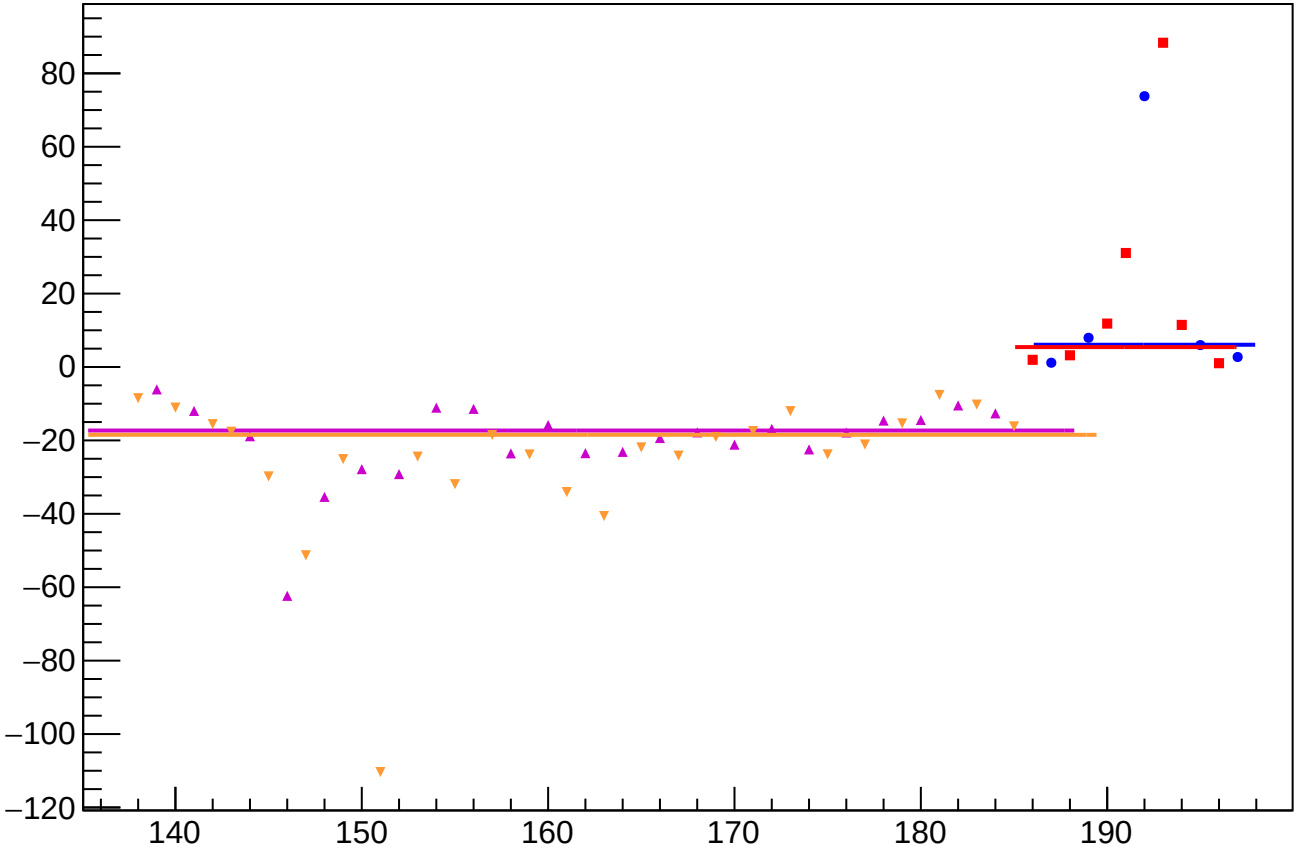
Left In: 0.087+/-0.001 χ^2/NDF:3604.3/22

+ sign 0.137+/-0.001 χ^2/NDF: 11565.3/46

All: 0.128+/-0.001 χ^2/NDF: 29604.9/94

- sign 0.121+/-0.001 χ^2/NDF: 17971.8/47

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 6.061+/-0.100 χ^2/NDF: 11252.1/4

Left Out: -18.478+/-0.040 χ^2/NDF:87856.5/24

Right Out: 5.423+/-0.079 χ^2/NDF: 24620.3/6

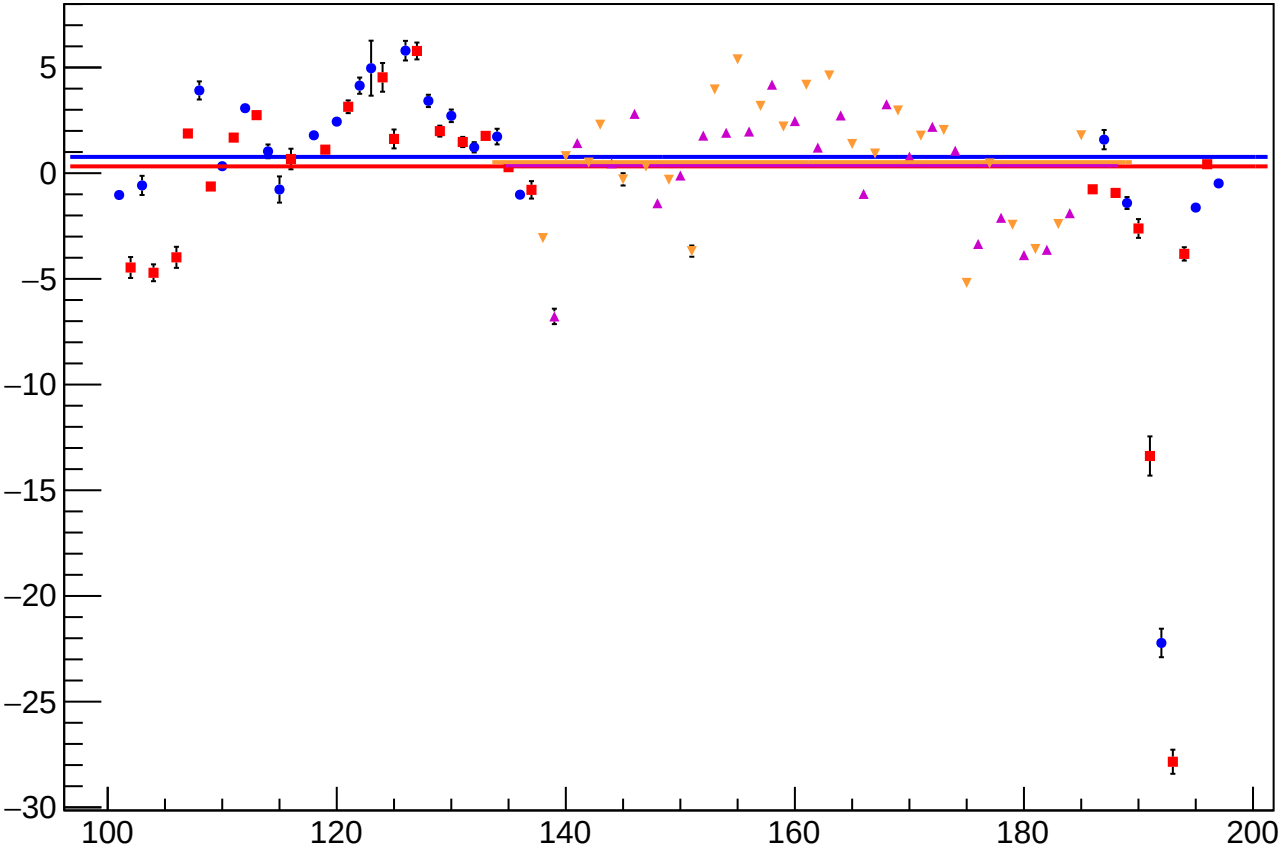
Left In: -17.309+/-0.039 χ^2/NDF:43807.0/22

+ sign -15.133+/-0.037 χ^2/NDF: 151059.1/29

All: -13.922+/-0.025 χ^2/NDF: 288869.0/59

- sign -12.849+/-0.035 χ^2/NDF: 135782.9/29

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 0.770+/-0.055 χ^2/NDF: 2234.8/21

Left Out: 0.522+/-0.033 χ^2/NDF:7038.3/24

Right Out: 0.322+/-0.051 χ^2/NDF: 4059.9/24

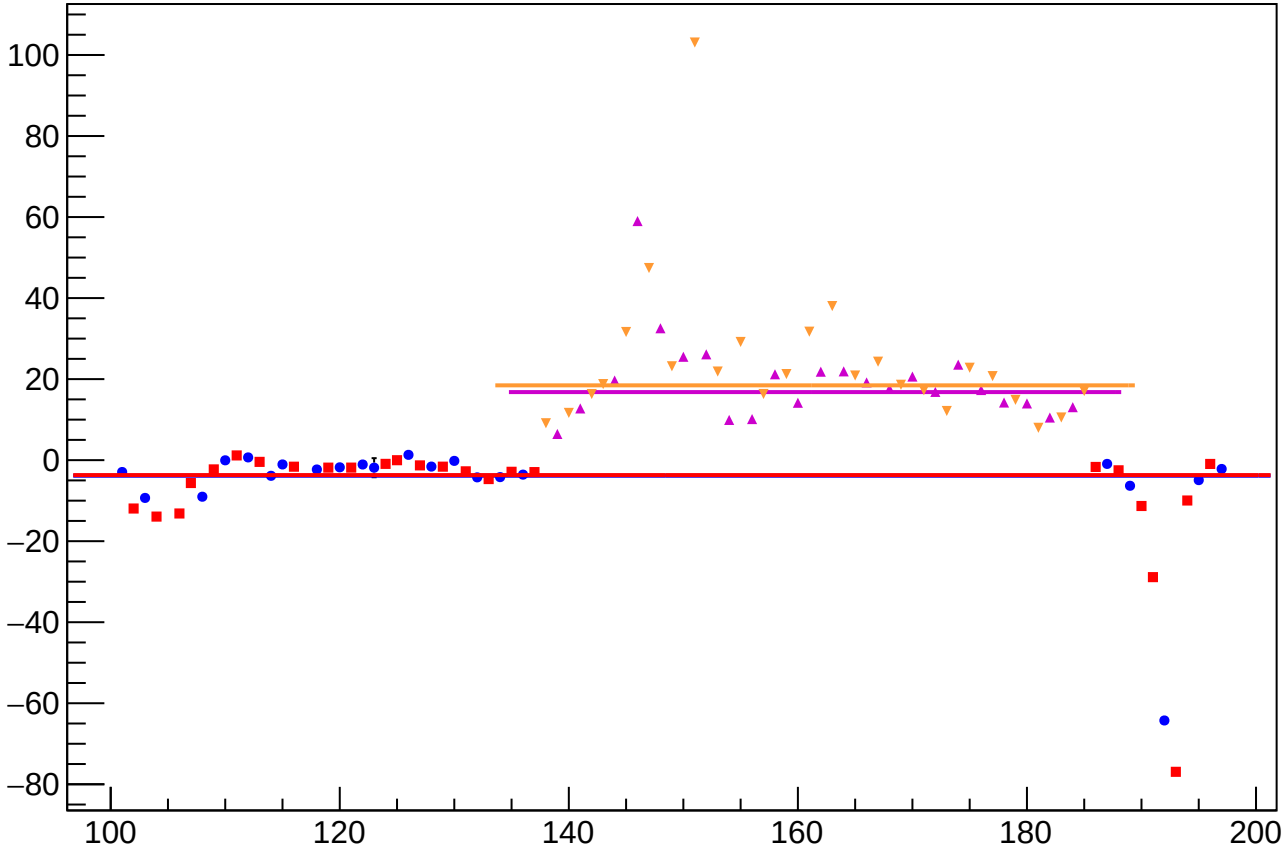
Left In: 0.373+/-0.031 χ^2/NDF:6263.9/22

+ sign 0.588+/-0.028 χ^2/NDF: 9288.2/46

All: 0.467+/-0.019 χ^2/NDF: 19647.3/94

- sign 0.359+/-0.027 χ^2/NDF: 10324.5/47

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -3.841+/-0.067 χ^2/NDF: 12239.9/21

Left Out: 18.463+/-0.040 χ^2/NDF:77193.5/24

Right Out: -3.690+/-0.055 χ^2/NDF: 26155.8/24

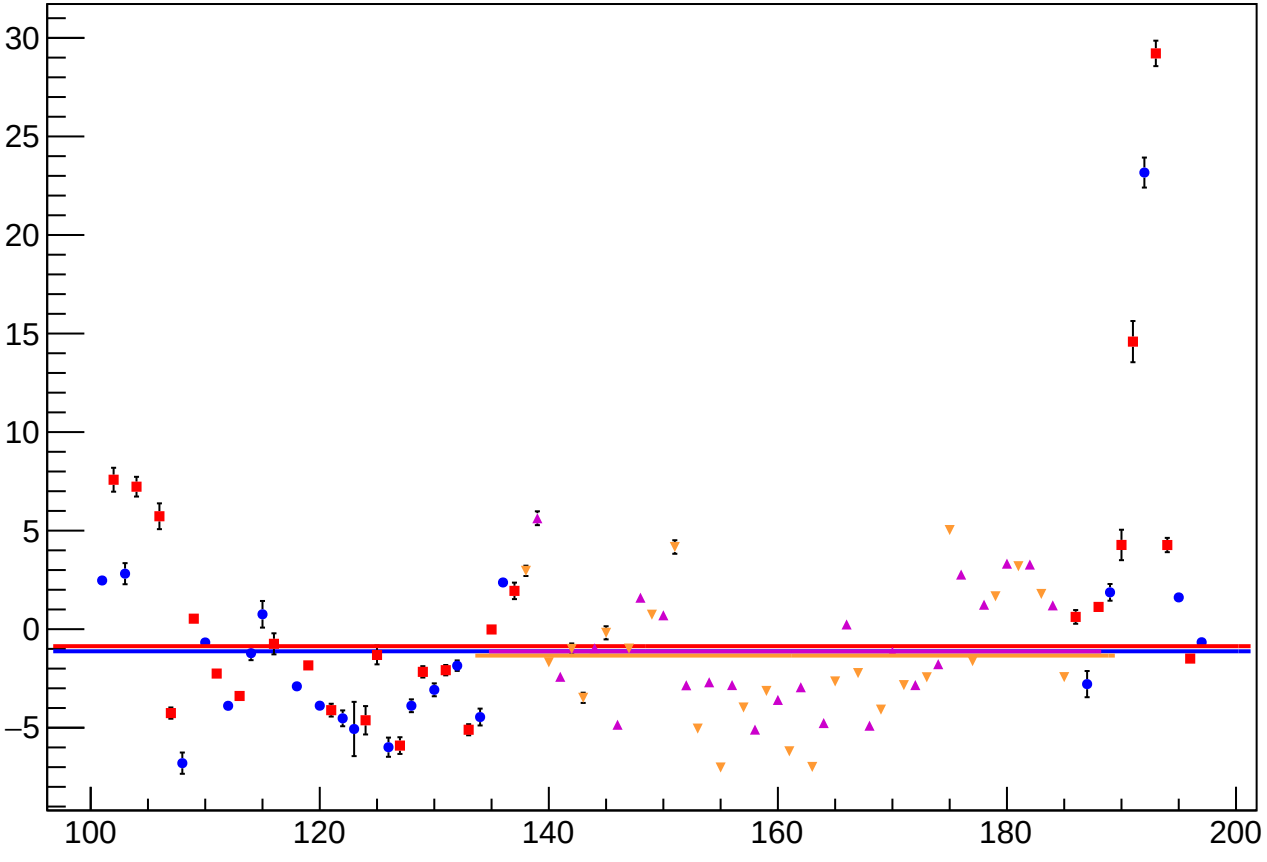
Left In: 16.798+/-0.038 χ^2/NDF:40258.9/22

+ sign 12.627+/-0.034 χ^2/NDF: 171085.6/46

All: 11.195+/-0.023 χ^2/NDF: 335098.3/94

- sign 9.995+/-0.031 χ^2/NDF: 160810.2/47

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.122+/-0.064 χ^2/NDF: 2607.5/21

Left Out: -1.341+/-0.037 χ^2/NDF:7886.0/24

Right Out: -0.863+/-0.060 χ^2/NDF: 4320.9/24

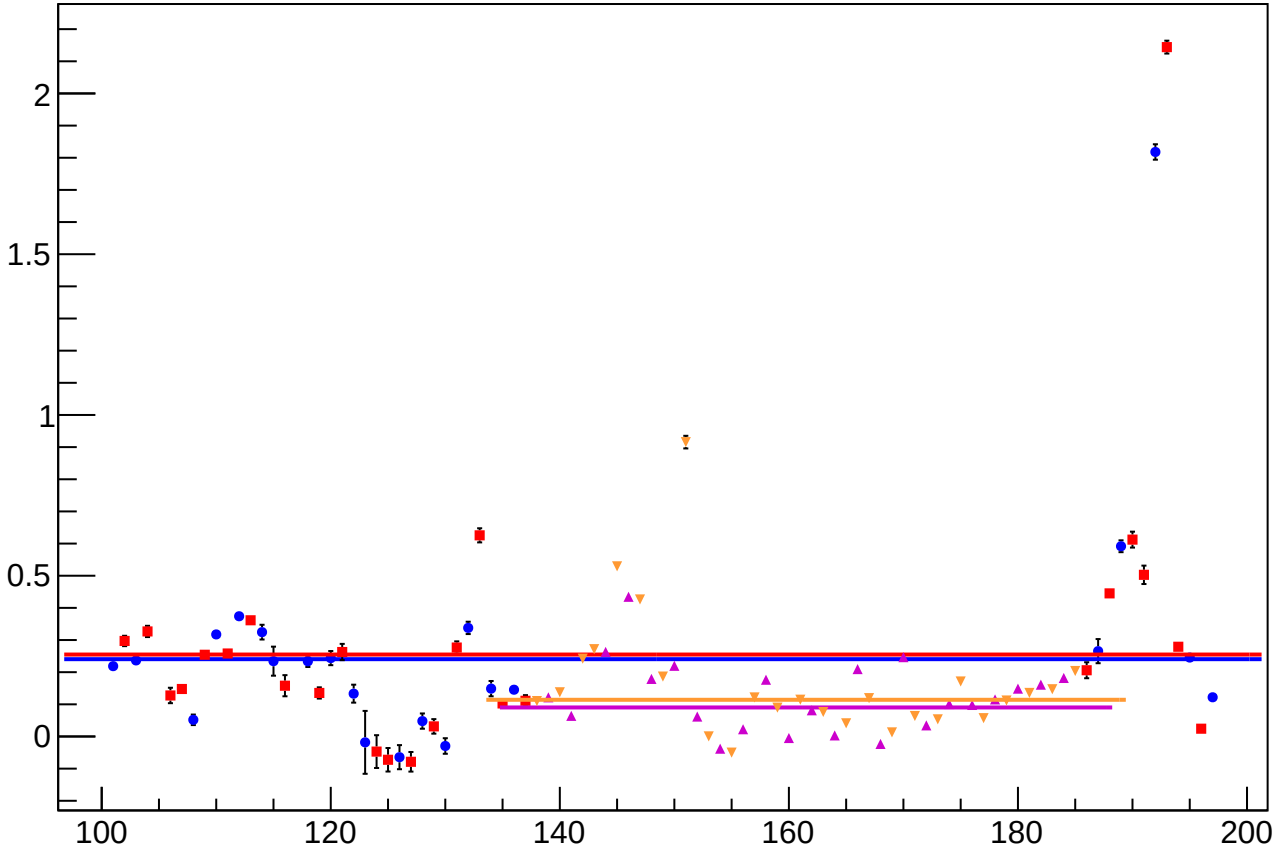
Left In: -1.132+/-0.035 χ^2/NDF:6743.4/22

+ sign -1.287+/-0.032 χ^2/NDF: 10502.3/46

All: -1.169+/-0.022 χ^2/NDF: 21607.5/94

- sign -1.064+/-0.030 χ^2/NDF: 11079.3/47

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.240+/-0.003 χ^2/NDF: 5634.9/21

Left Out: 0.114+/-0.002 χ^2/NDF:4382.5/24

Right Out: 0.255+/-0.003 χ^2/NDF: 11588.8/24

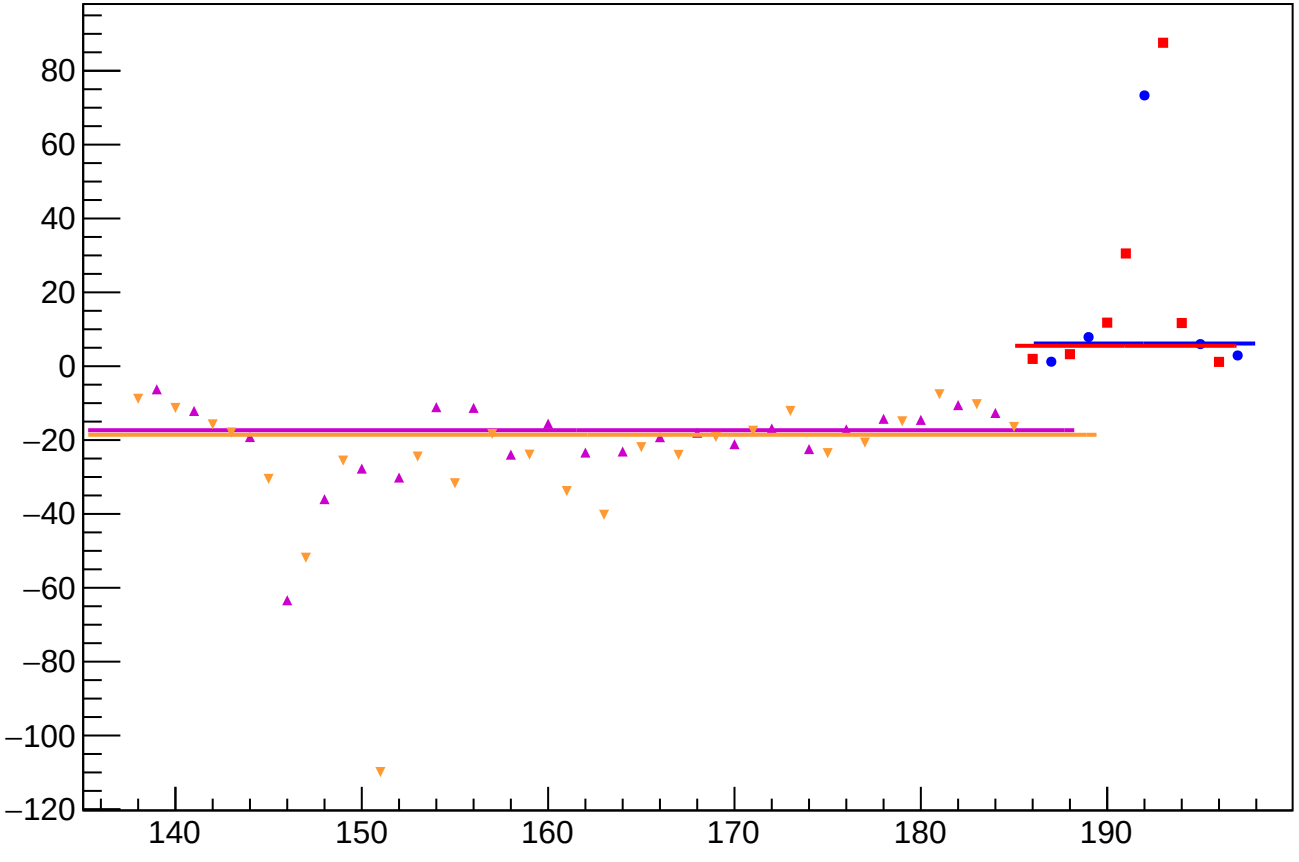
Left In: 0.090+/-0.002 χ^2/NDF:3679.2/22

+ sign 0.141+/-0.001 χ^2/NDF: 11262.4/46

All: 0.132+/-0.001 χ^2/NDF: 28953.4/94

- sign 0.124+/-0.001 χ^2/NDF: 17619.8/47

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 6.145+/-0.101 χ^2/NDF: 10940.8/4

Left Out: -18.565+/-0.040 χ^2/NDF:86349.5/24

Right Out: 5.529+/-0.080 χ^2/NDF: 24020.2/6

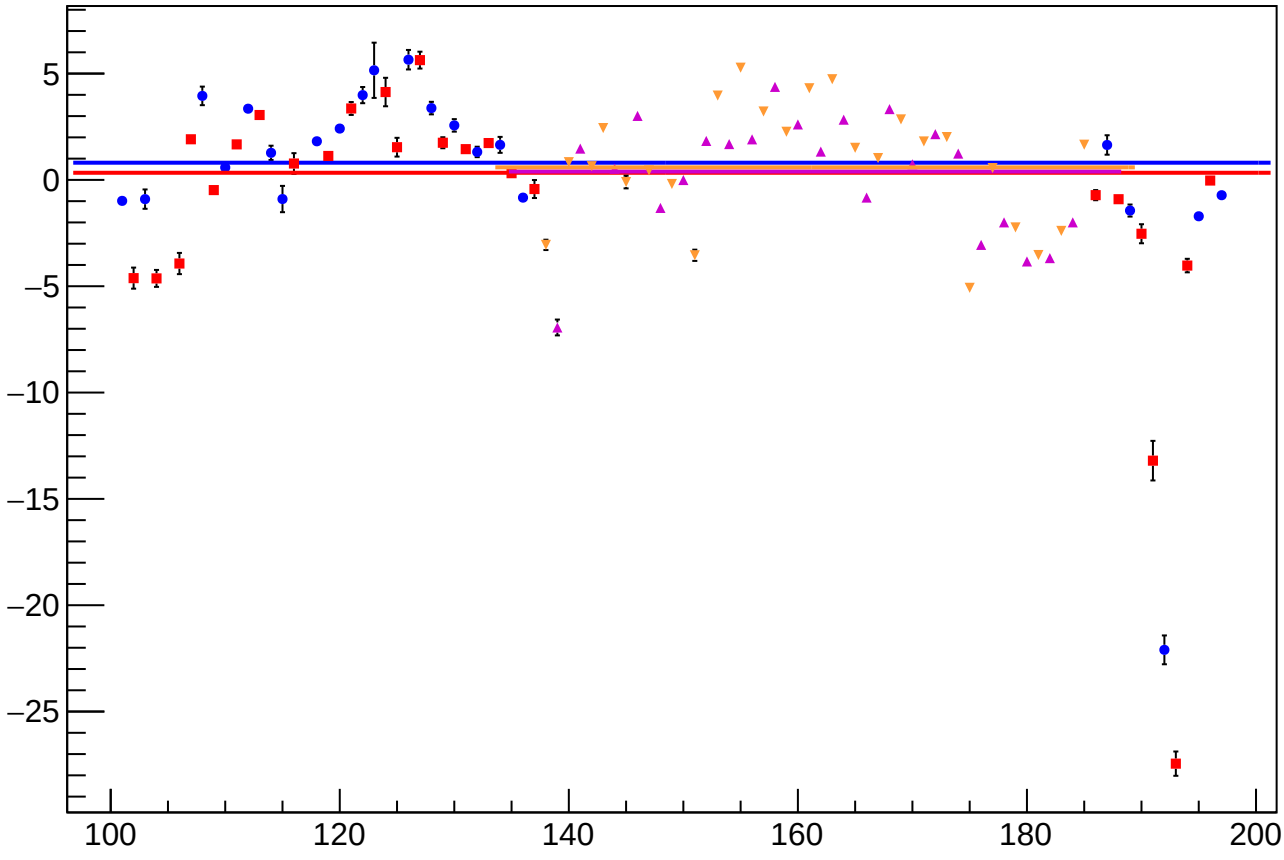
Left In: -17.335+/-0.039 χ^2/NDF:44078.7/22

+ sign -15.199+/-0.037 χ^2/NDF: 148911.3/29

All: -13.968+/-0.026 χ^2/NDF: 285595.5/59

- sign -12.876+/-0.035 χ^2/NDF: 134628.8/29

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 0.809+/-0.055 χ^2/NDF: 2223.3/21

Left Out: 0.590+/-0.033 χ^2/NDF:6780.3/24

Right Out: 0.335+/-0.052 χ^2/NDF: 3983.8/24

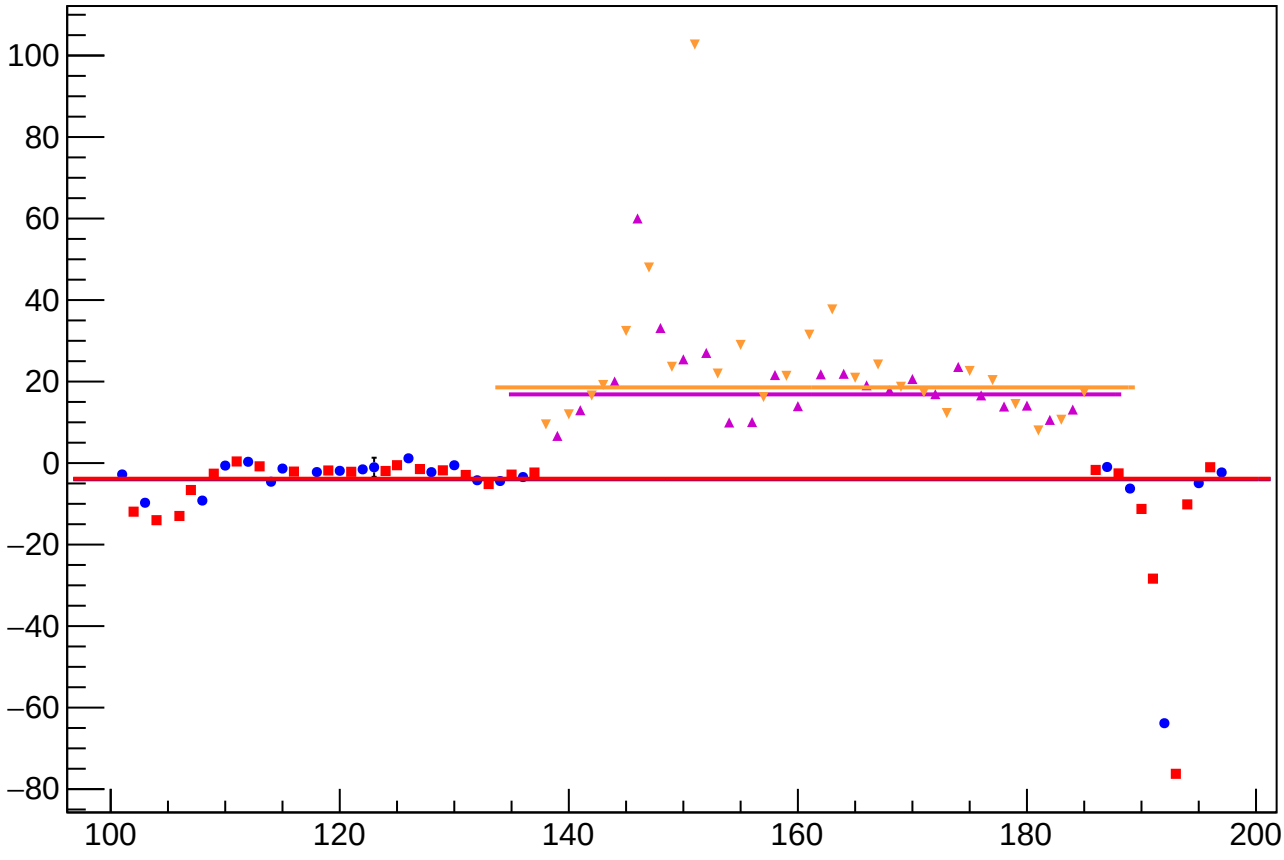
Left In: 0.394+/-0.032 χ^2/NDF:6112.7/22

+ sign 0.649+/-0.029 χ^2/NDF: 9015.0/46

All: 0.506+/-0.020 χ^2/NDF: 19159.8/94

- sign 0.378+/-0.027 χ^2/NDF: 10097.5/47

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -3.970+/-0.068 χ^2/NDF: 11818.0/21

Left Out: 18.569+/-0.040 χ^2/NDF:75983.2/24

Right Out: -3.840+/-0.055 χ^2/NDF: 25396.2/24

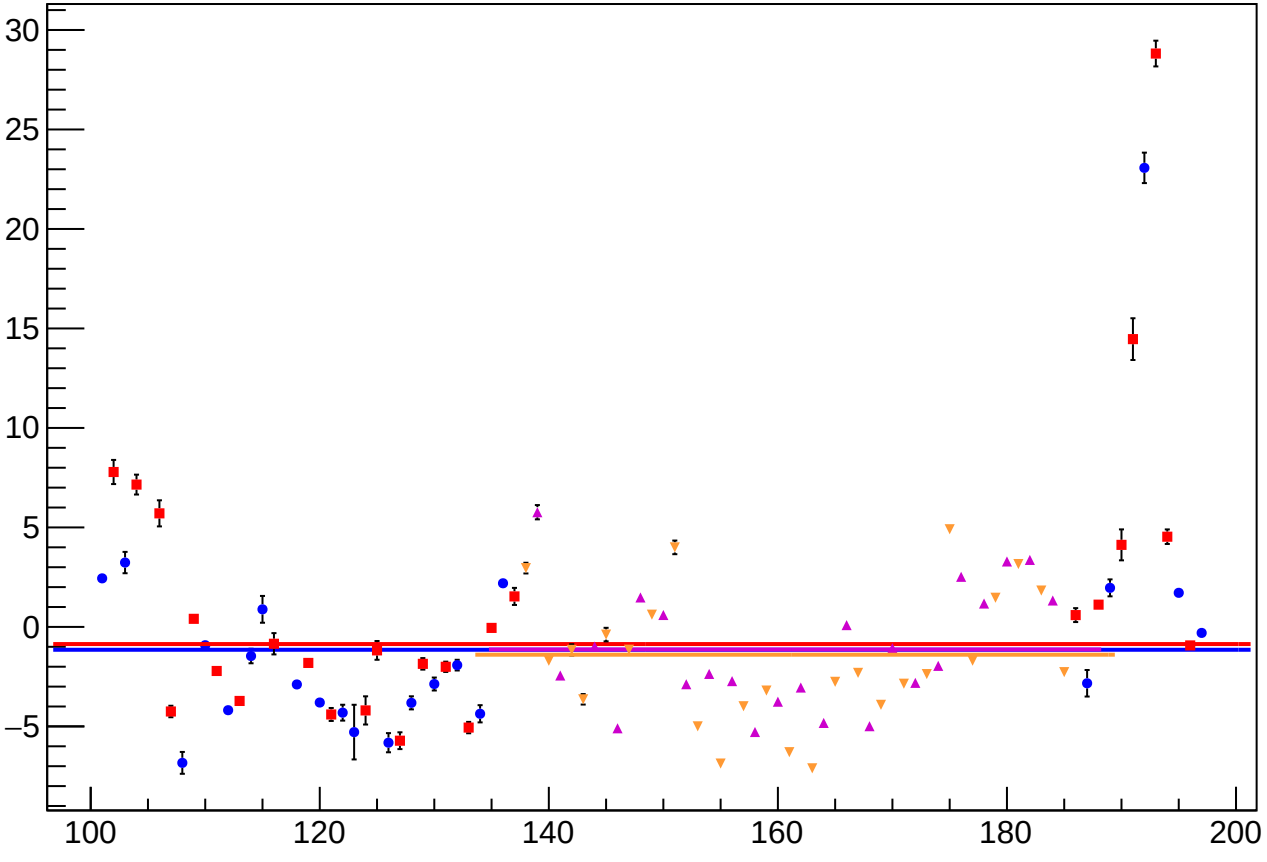
Left In: 16.854+/-0.039 χ^2/NDF:40590.0/22

+ sign 12.696+/-0.035 χ^2/NDF: 169316.9/46

All: 11.253+/-0.023 χ^2/NDF: 332285.0/94

- sign 10.041+/-0.032 χ^2/NDF: 159779.1/47

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.149+/-0.065 χ^2/NDF: 2565.3/21

Left Out: -1.397+/-0.037 χ^2/NDF:7631.3/24

Right Out: -0.862+/-0.061 χ^2/NDF: 4231.2/24

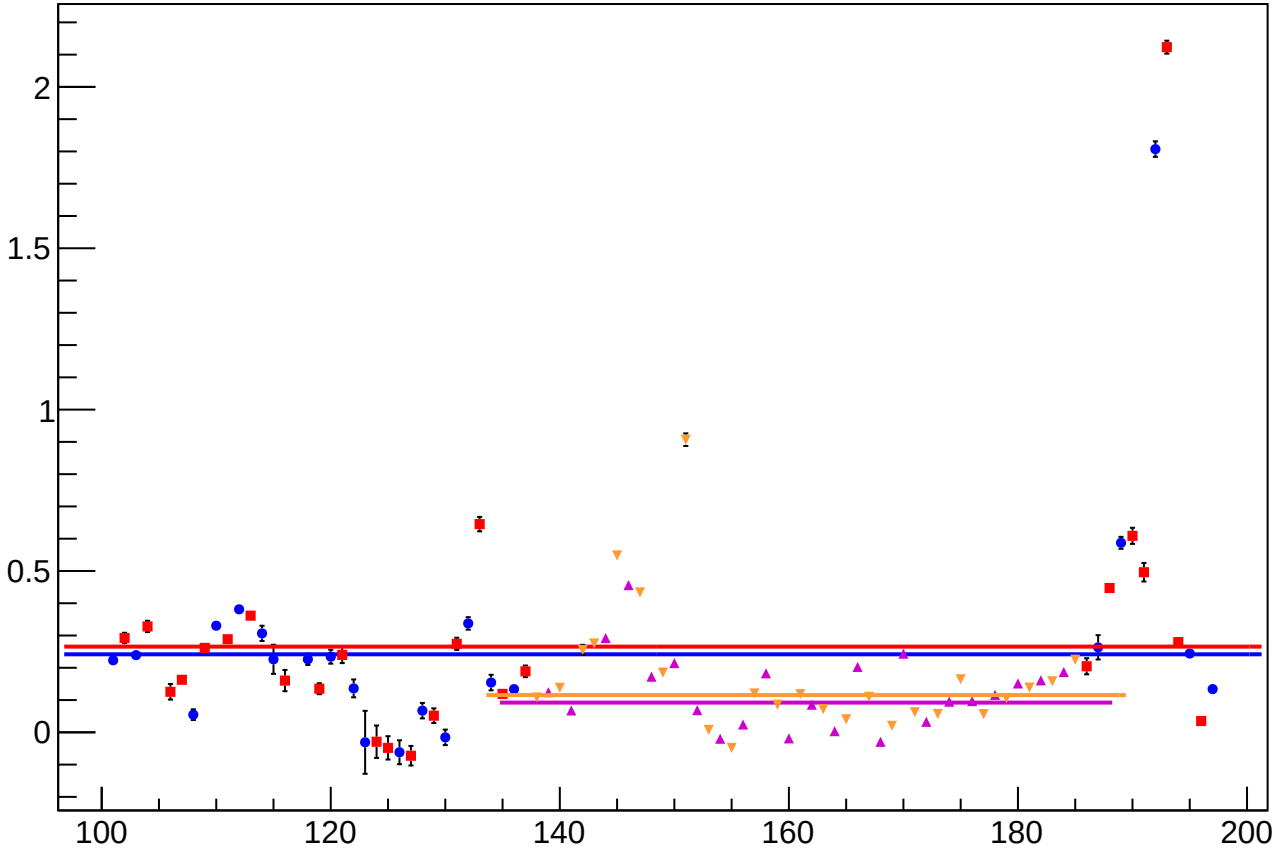
Left In: -1.132+/-0.035 χ^2/NDF:6638.3/22

+ sign -1.336+/-0.032 χ^2/NDF: 10207.7/46

All: -1.193+/-0.022 χ^2/NDF: 21129.4/94

- sign -1.065+/-0.030 χ^2/NDF: 10884.3/47

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.242+/-0.003 χ^2/NDF: 5468.3/21

Left Out: 0.115+/-0.002 χ^2/NDF:4423.4/24

Right Out: 0.266+/-0.003 χ^2/NDF: 11053.4/24

Left In: 0.092+/-0.002 χ^2/NDF:3632.6/22

+ sign 0.142+/-0.001 χ^2/NDF: 11108.0/46

All: 0.134+/-0.001 χ^2/NDF: 28377.2/94

- sign 0.127+/-0.001 χ^2/NDF: 17215.4/47