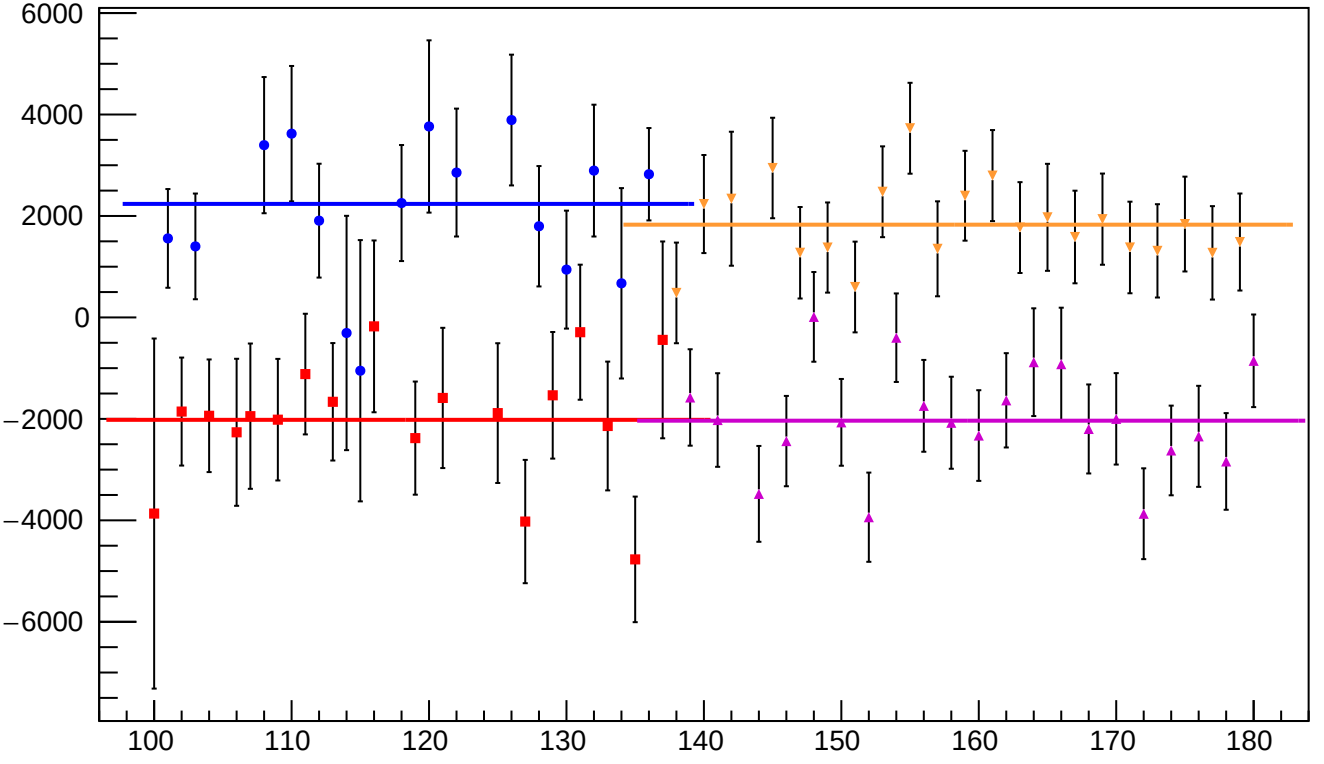
dit_asym_us_avg_mean vs Slug



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

Left Out: 1828.414+/-204.185 χ^2/NDF:14.0/20

Right Out: -2018.625+/-308.362 χ^2/NDF: 12.6/17

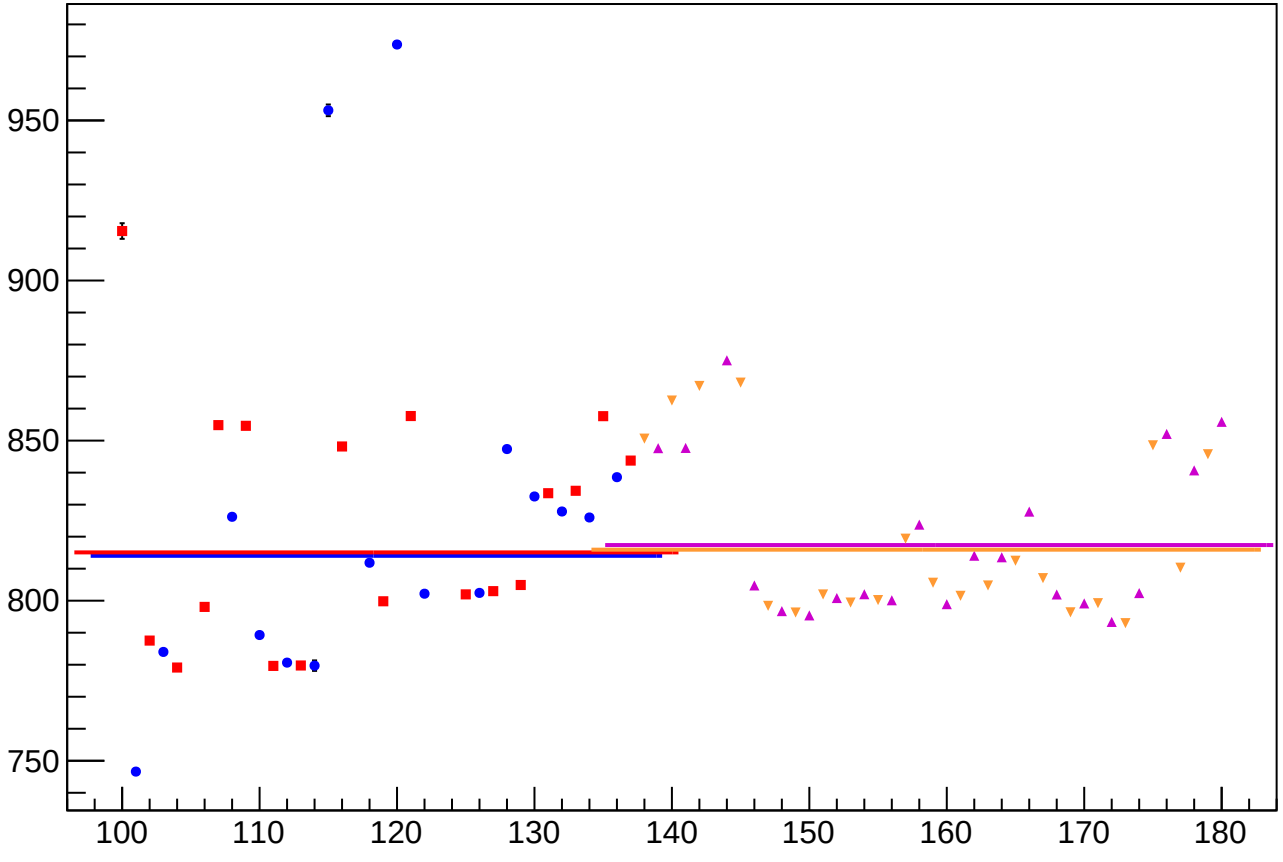
Left In: -2035.512+/-200.707 χ^2/NDF:26.1/20

+ sign 1949.767+/-171.280 χ^2/NDF: 26.5/36

All: -76.311+/-120.015 χ^2/NDF: 340.0/75

- sign -2030.487+/-168.214 χ^2/NDF: 38.6/38

dit_asym_us_avg_rms vs Slug



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

Left Out: 815.935+/-0.144 χ^2/NDF:27822.9/20

Right Out: 815.084+/-0.218 χ^2/NDF: 19959.3/17

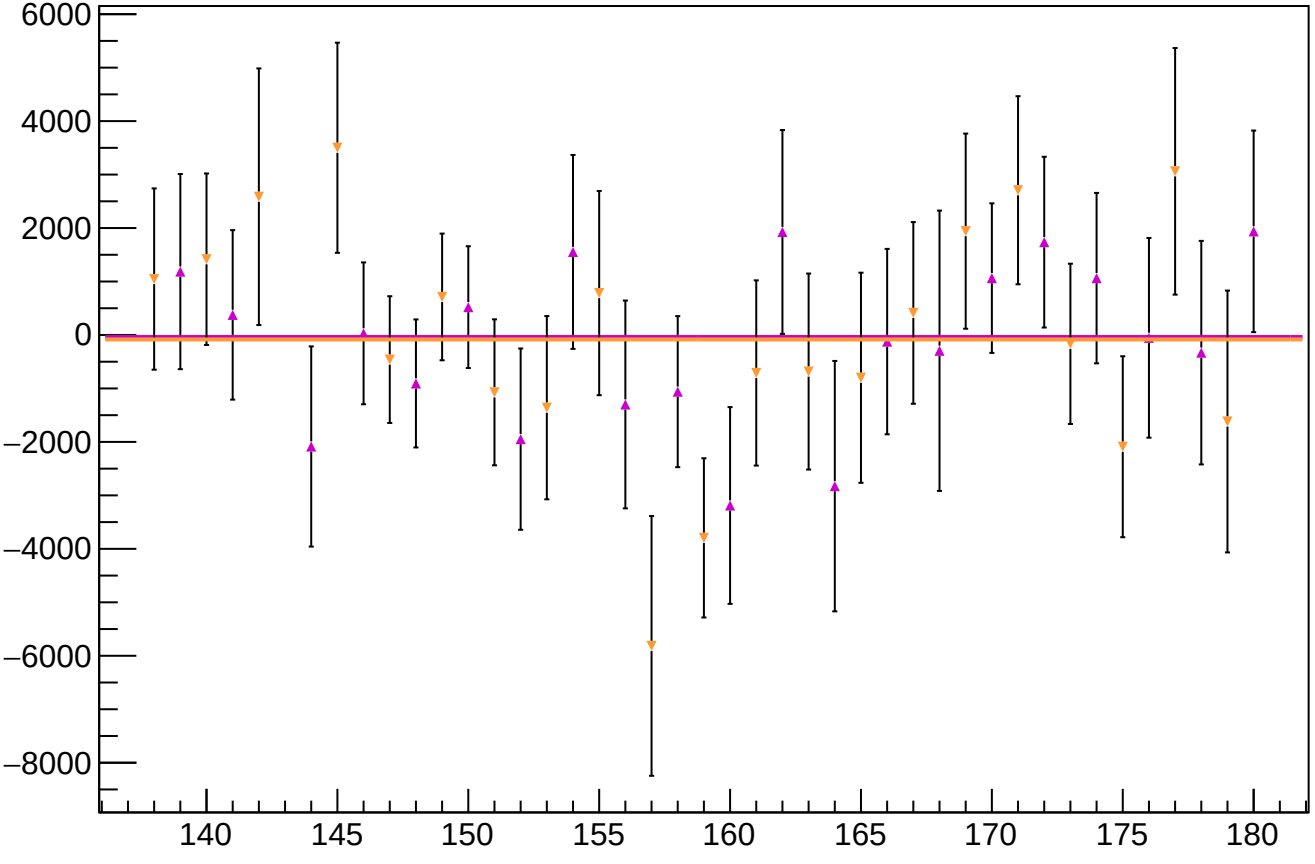
Left In: 817.379+/-0.142 χ^2/NDF:28337.3/20

+ sign 815.368+/-0.121 χ^2/NDF: 69916.6/36

All: 816.044+/-0.085 χ^2/NDF: 118352.1/75

- sign 816.696+/-0.119 χ^2/NDF: 48374.3/38

asym_us_avg_correction_mean vs Slug



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

Left Out: -83.539+/-368.248 χ^2/NDF:27.4/20

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

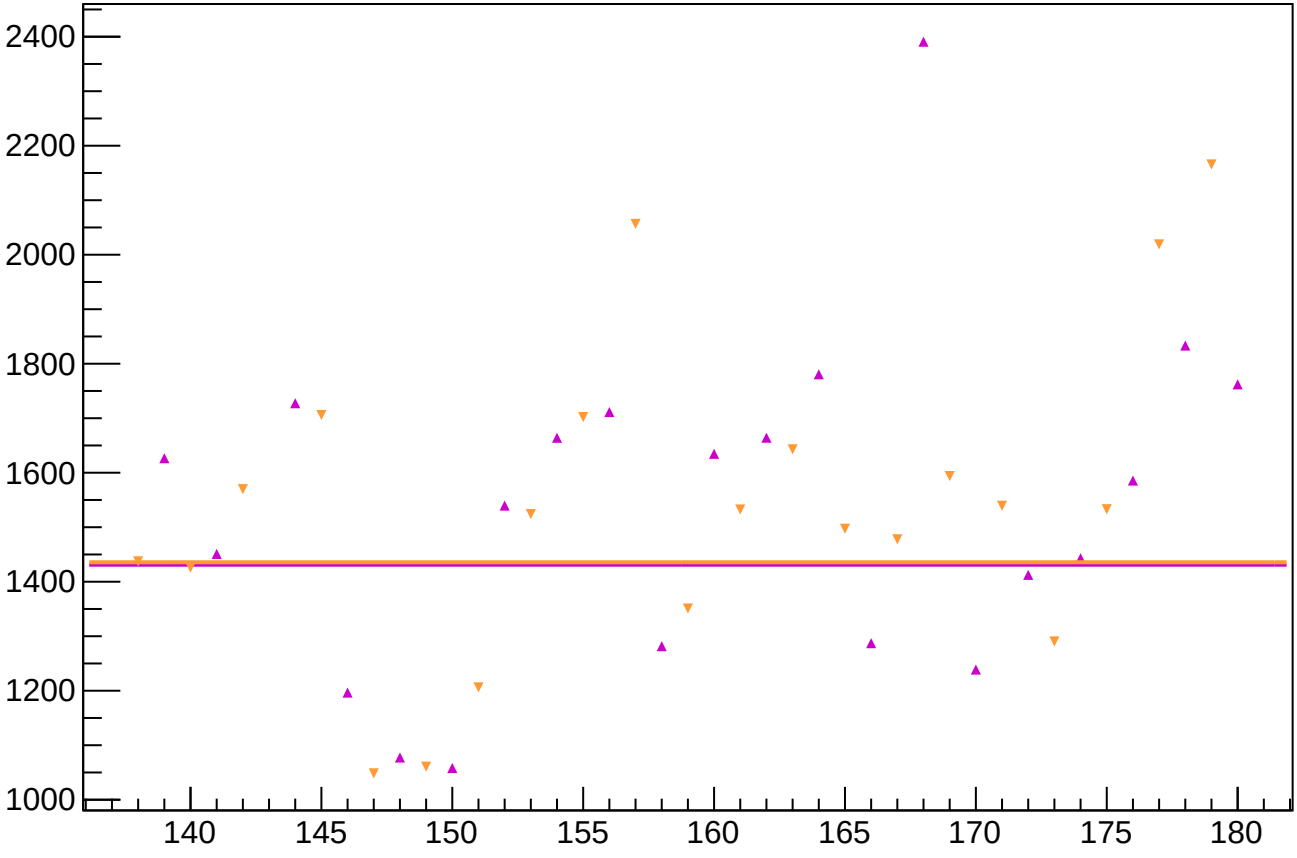
Left In: -38.497+/-358.911 χ^2/NDF:14.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -60.439+/-257.026 χ^2/NDF: 41.7/41

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_correction_rms vs Slug



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

Left Out: 1435.723+/-0.260 χ^2/NDF:1084117.7/20

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

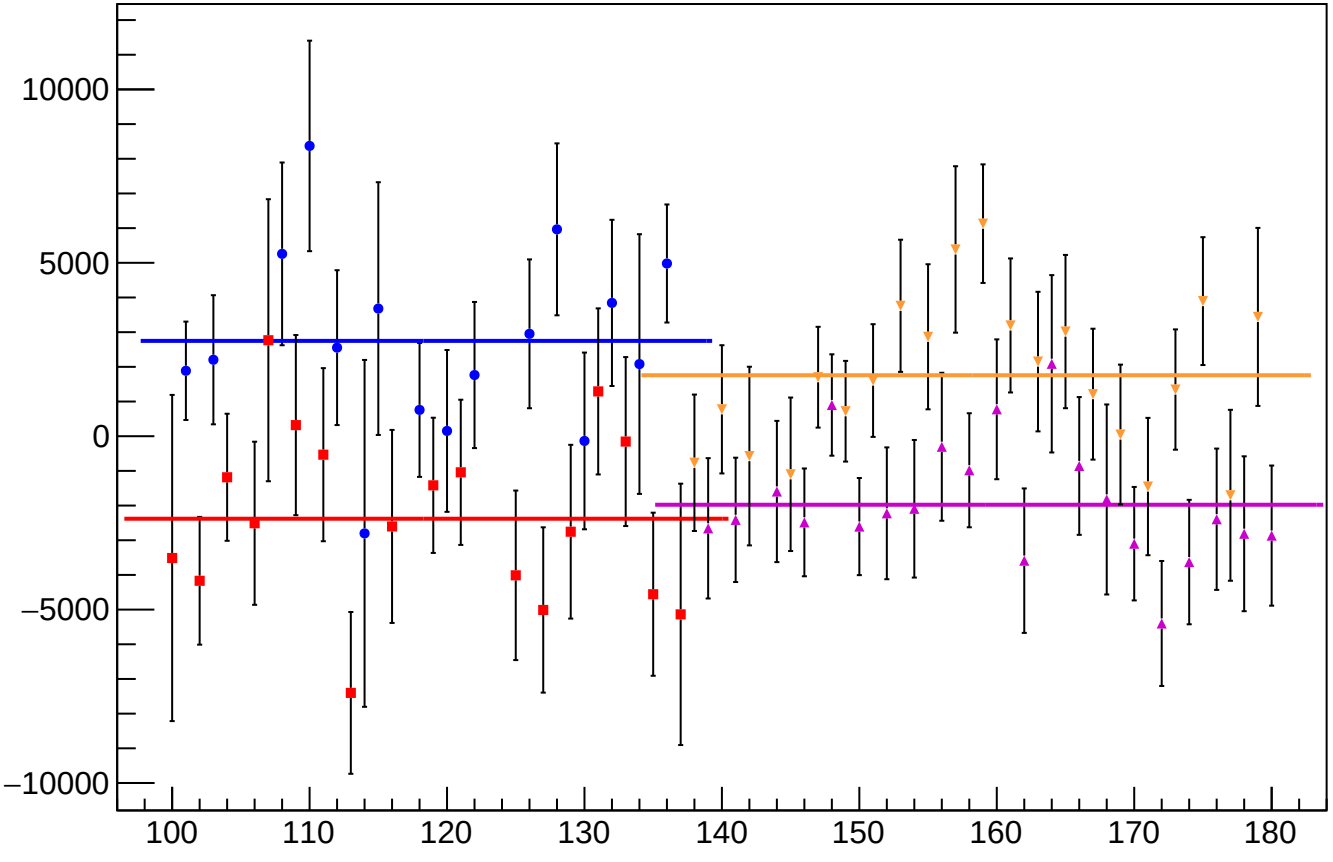
Left In: 1431.177+/-0.254 χ^2/NDF:1198217.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1433.392+/-0.182 χ^2/NDF: 2282491.2/41

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_avg_mean vs Slug



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

Left Out: 1758.511+/-418.984 χ^2/NDF:23.3/20

Right Out: -2379.450+/-568.967 χ^2/NDF: 16.2/17

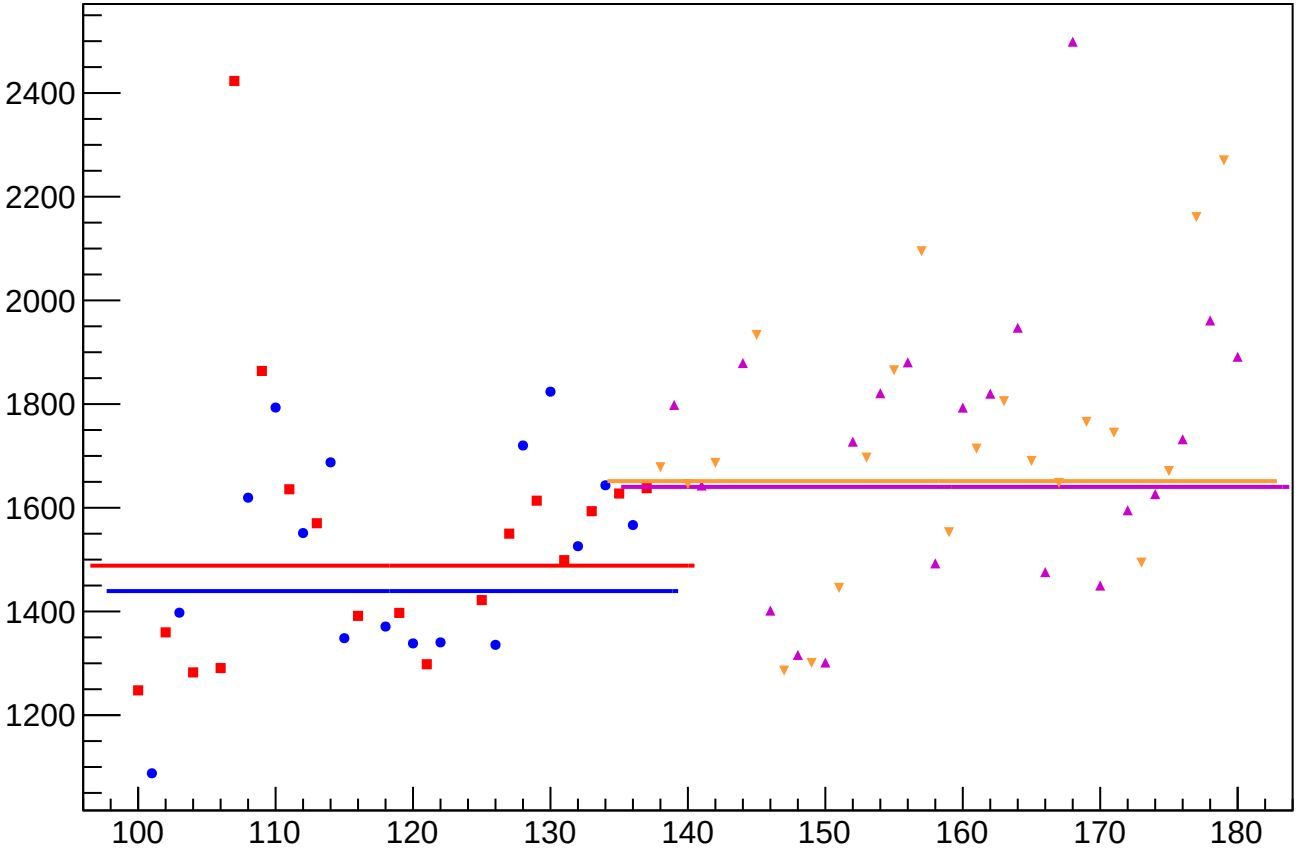
Left In: -1976.405+/-408.140 χ^2/NDF:16.0/20

+ sign 2111.517+/-336.109 χ^2/NDF: 38.8/36

All: -29.195+/-236.068 χ^2/NDF: 151.4/75

- sign -2113.338+/-331.638 χ^2/NDF: 32.6/38

asym_us_avg_rms vs Slug



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

Left Out: 1651.413+/-0.296 χ^2/NDF:649082.5/20

Right Out: 1488.384+/-0.402 χ^2/NDF: 256324.7/17

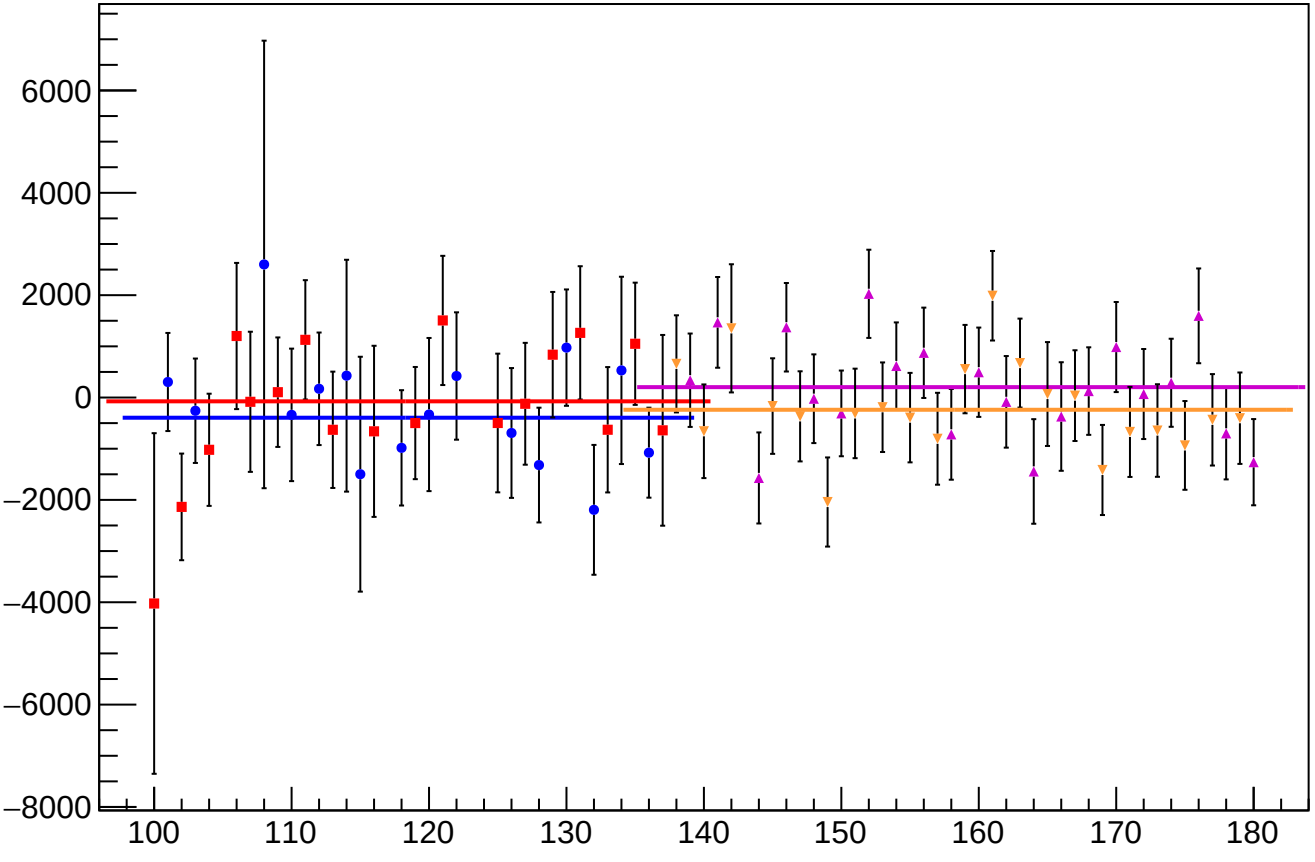
Left In: 1640.238+/-0.289 χ^2/NDF:734605.9/20

+ sign 1575.811+/-0.238 χ^2/NDF: 1109614.2/36

All: 1582.315+/-0.167 χ^2/NDF: 2196086.4/75

- sign 1588.646+/-0.235 χ^2/NDF: 1084994.4/38

dit_asym_us_dd_mean vs Slug



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

Left Out: -239.053+/-197.192 χ^2/NDF:19.0/20

Right Out: -74.289+/-298.398 χ^2/NDF: 12.9/17

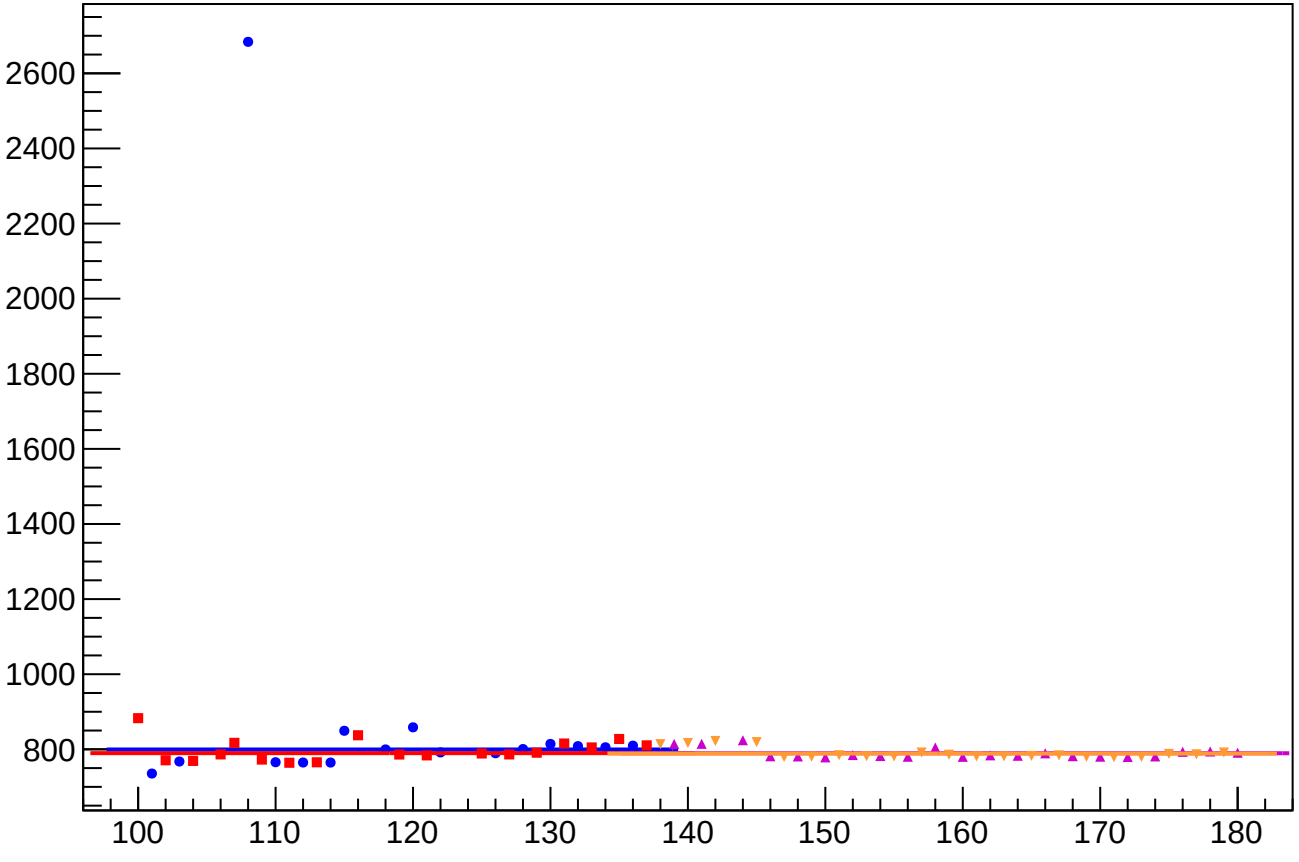
Left In: 203.062+/-193.752 χ^2/NDF:24.9/20

+ sign -283.147+/-166.868 χ^2/NDF: 26.6/36

All: -75.814+/-116.419 χ^2/NDF: 68.1/75

- sign 120.809+/-162.501 χ^2/NDF: 38.5/38

dit_asym_us_dd_rms vs Slug



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

Left Out: 788.726+/-0.139 χ^2/NDF:8745.5/20

Right Out: 789.794+/-0.211 χ^2/NDF: 11174.9/17

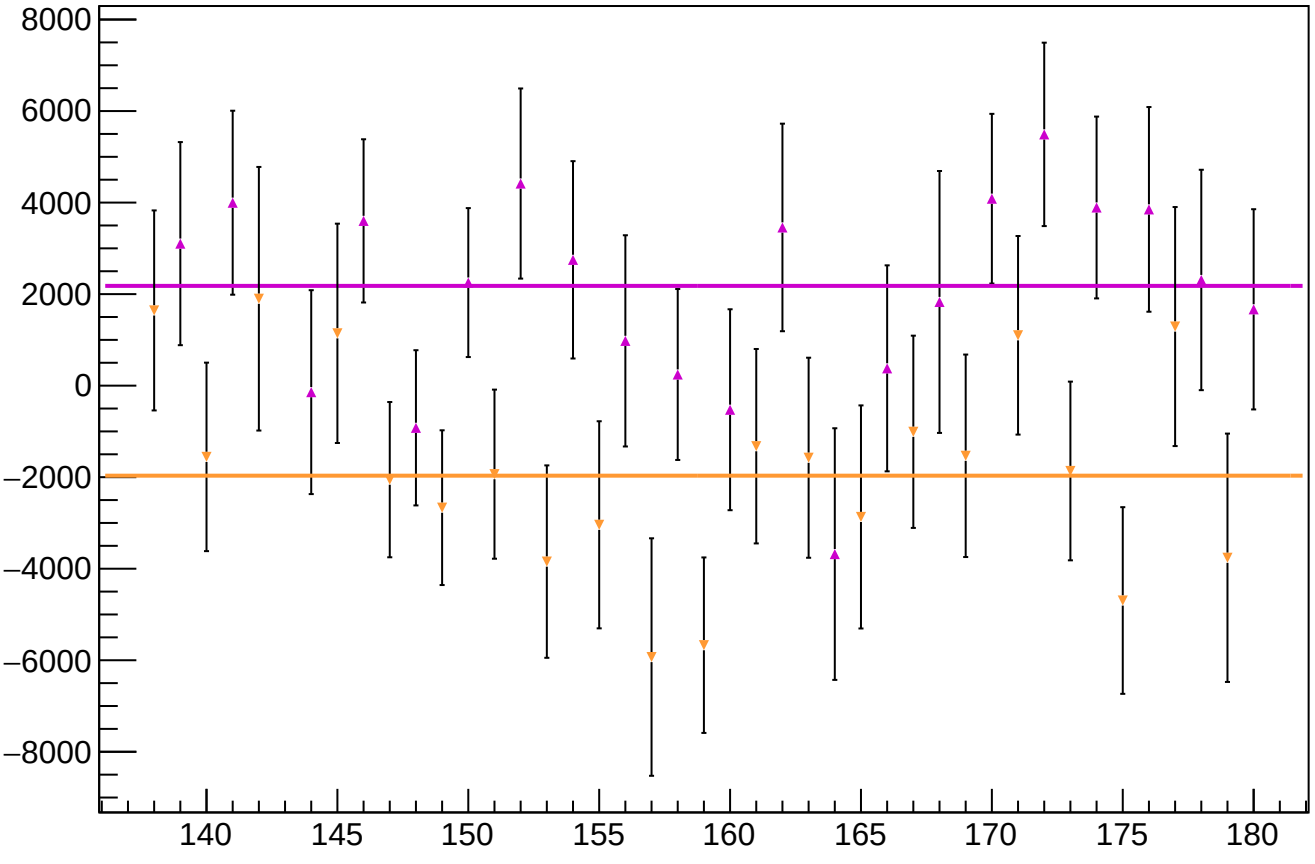
Left In: 789.523+/-0.137 χ^2/NDF:9179.0/20

+ sign 791.796+/-0.118 χ^2/NDF: 401638.1/36

All: 790.670+/-0.082 χ^2/NDF: 422170.4/75

- sign 789.603+/-0.115 χ^2/NDF: 20355.1/38

asym_us_dd_correction_mean vs Slug



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

Left Out: -1966.942+/-466.232 χ^2/NDF:19.8/20

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

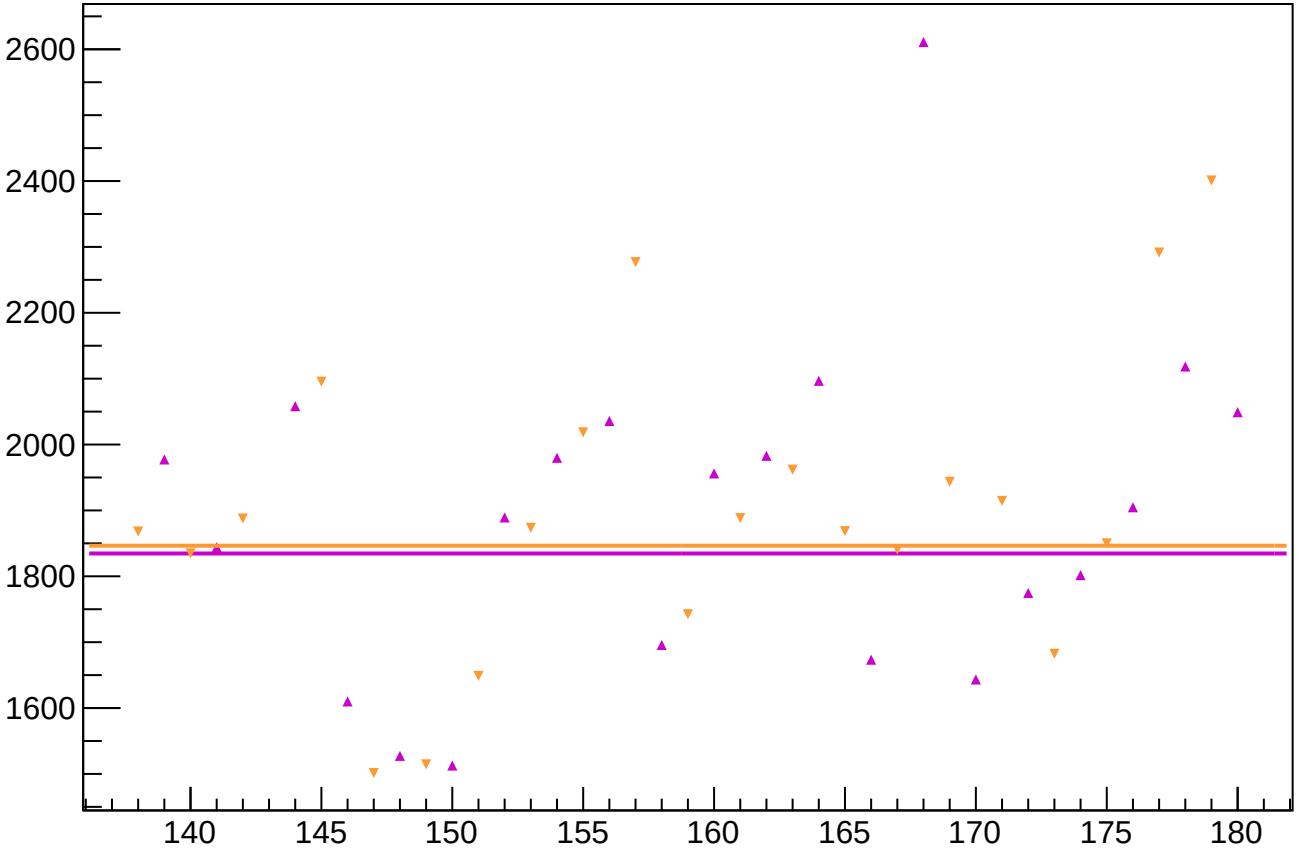
Left In: 2179.993+/-454.451 χ^2/NDF:20.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 159.577+/-325.431 χ^2/NDF: 81.2/41

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_correction_rms vs Slug



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

Left Out: 1846.431+/-0.330 χ^2/NDF:445875.6/20

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

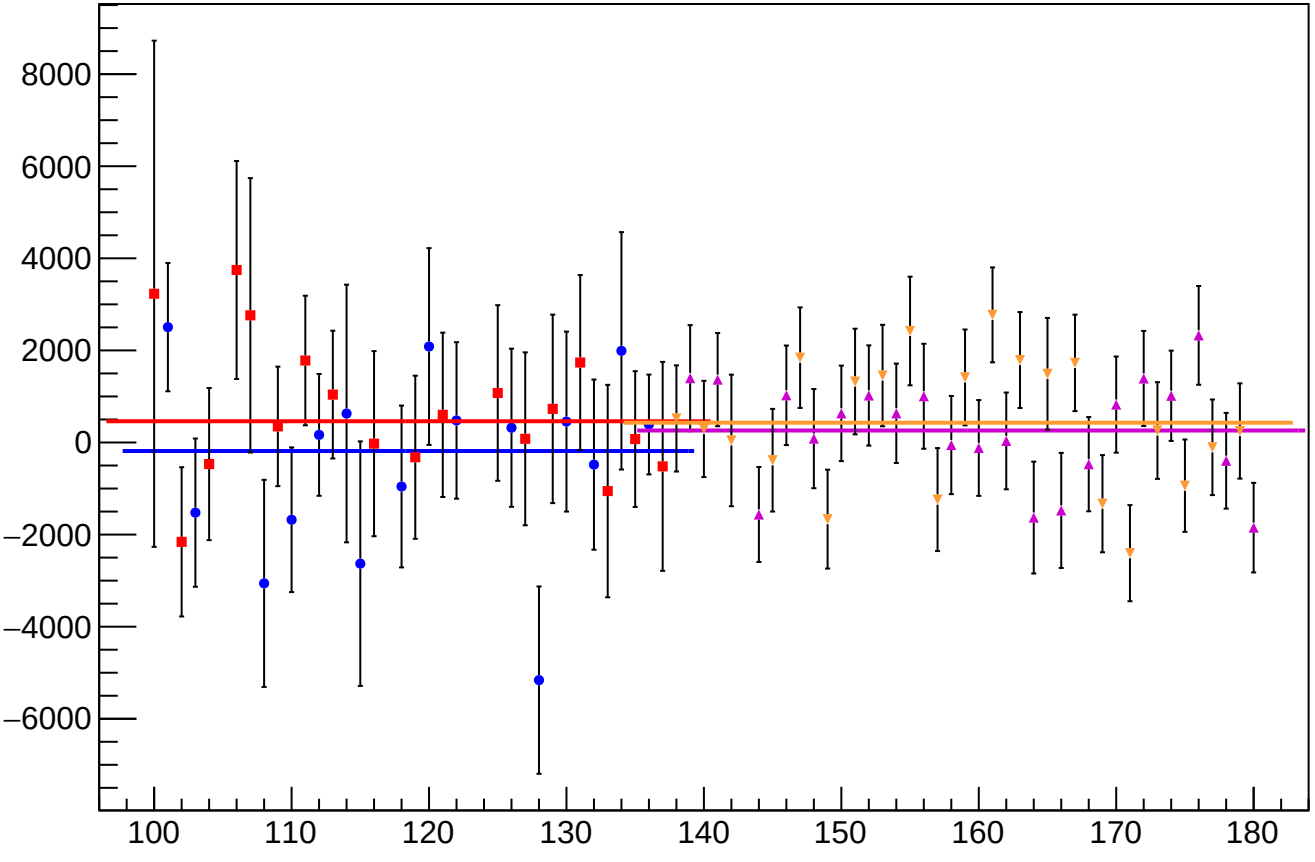
Left In: 1834.627+/-0.321 χ^2/NDF:503773.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1840.378+/-0.230 χ^2/NDF: 950306.5/41

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_us_dd_mean vs Slug



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

Left Out: 429.939+/-237.494 χ^2/NDF:35.1/20

Right Out: 461.253+/-426.921 χ^2/NDF: 8.3/17

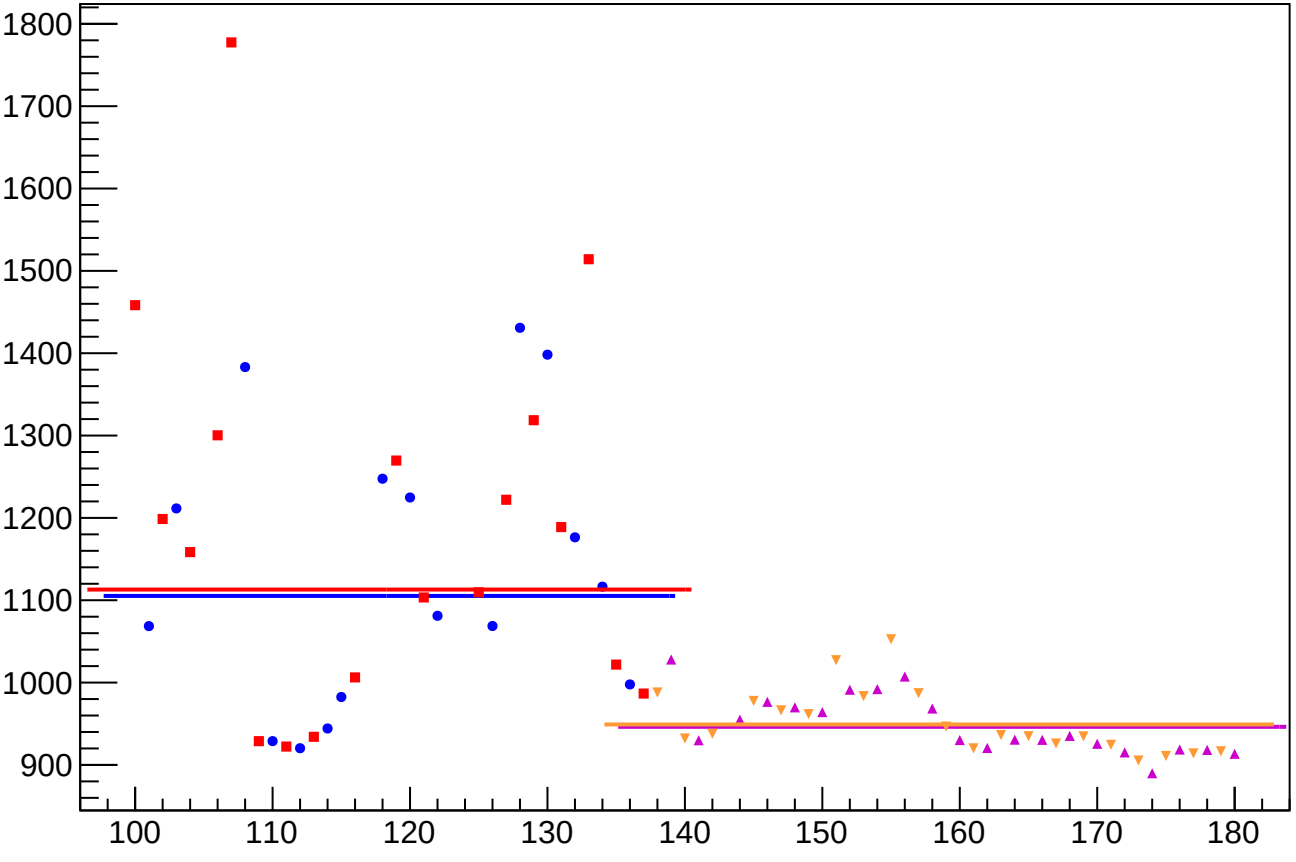
Left In: 260.470+/-232.386 χ^2/NDF:23.0/20

+ sign 286.951+/-208.061 χ^2/NDF: 53.2/36

All: 296.843+/-145.703 χ^2/NDF: 84.8/75

- sign 306.364+/-204.107 χ^2/NDF: 31.5/38

asym_us_dd_rms vs Slug



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

Left Out: 949.143+/-0.168 χ^2/NDF:49228.0/20

Right Out: 1112.974+/-0.302 χ^2/NDF: 362995.4/17

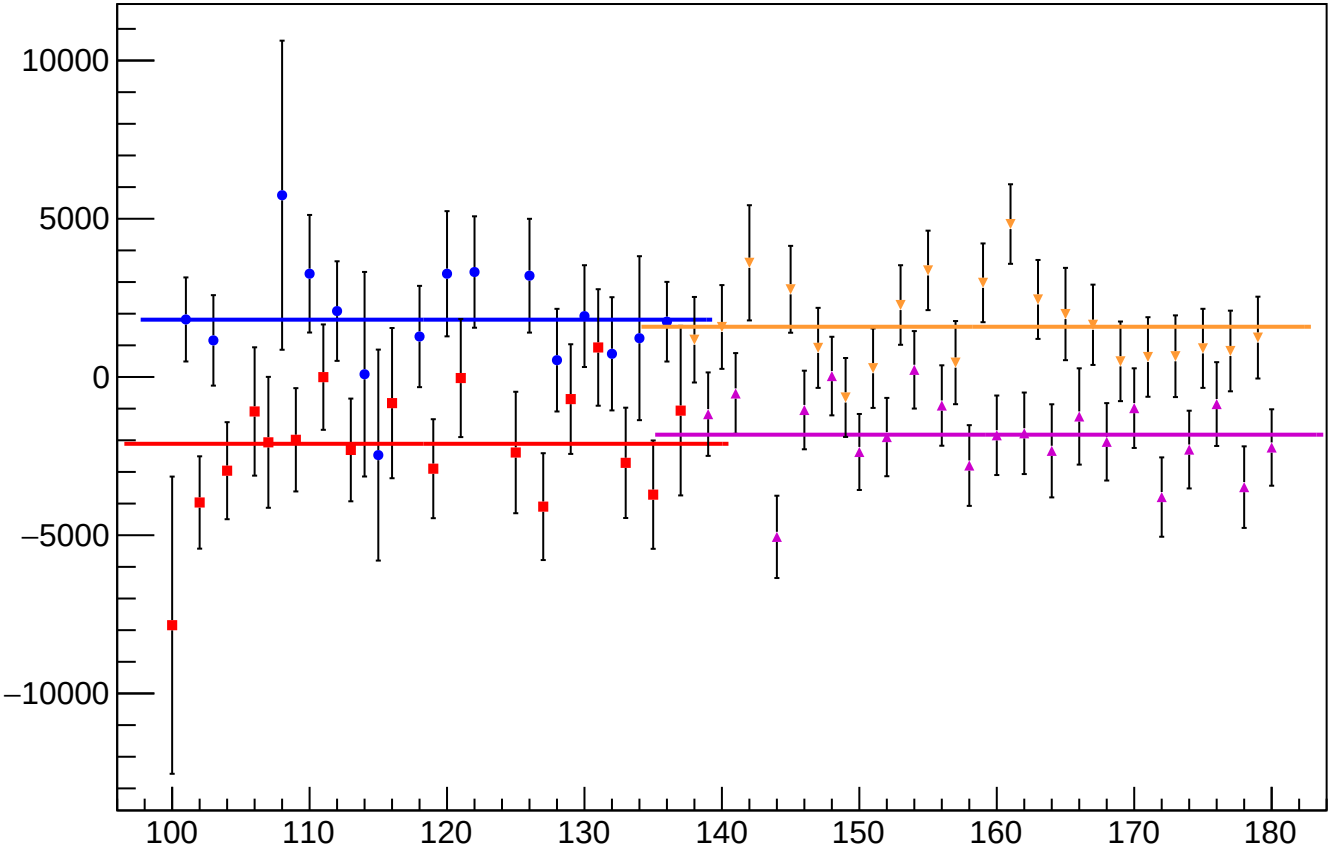
Left In: 946.287+/-0.164 χ^2/NDF:44290.7/20

+ sign 985.435+/-0.147 χ^2/NDF: 505465.9/36

All: 984.901+/-0.103 χ^2/NDF: 1147975.4/75

- sign 984.387+/-0.144 χ^2/NDF: 642483.6/38

dit_asym_usl_mean vs Slug



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

Left Out: 1587.284+/-283.621 χ^2/NDF:20.7/20

Right Out: -2111.004+/-427.676 χ^2/NDF: 13.0/17

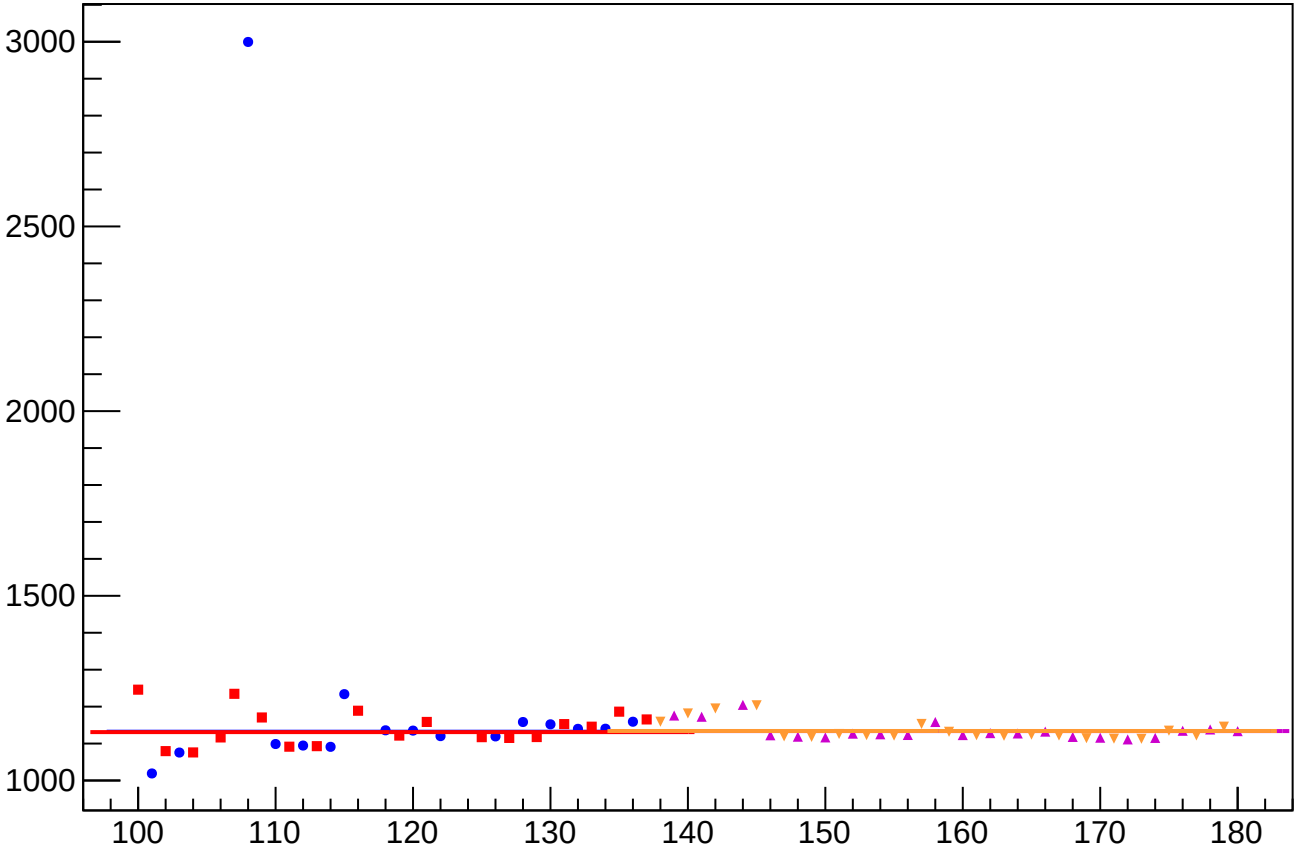
Left In: -1823.151+/-278.277 χ^2/NDF:19.9/20

+ sign 1652.519+/-238.726 χ^2/NDF: 27.4/36

All: -169.457+/-166.834 χ^2/NDF: 174.4/75

- sign -1908.771+/-233.248 χ^2/NDF: 33.2/38

dit_asym_usl_rms vs Slug



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

Left Out: 1134.044+/-0.201 χ^2/NDF:14683.7/20

Right Out: 1131.016+/-0.302 χ^2/NDF: 19719.1/17

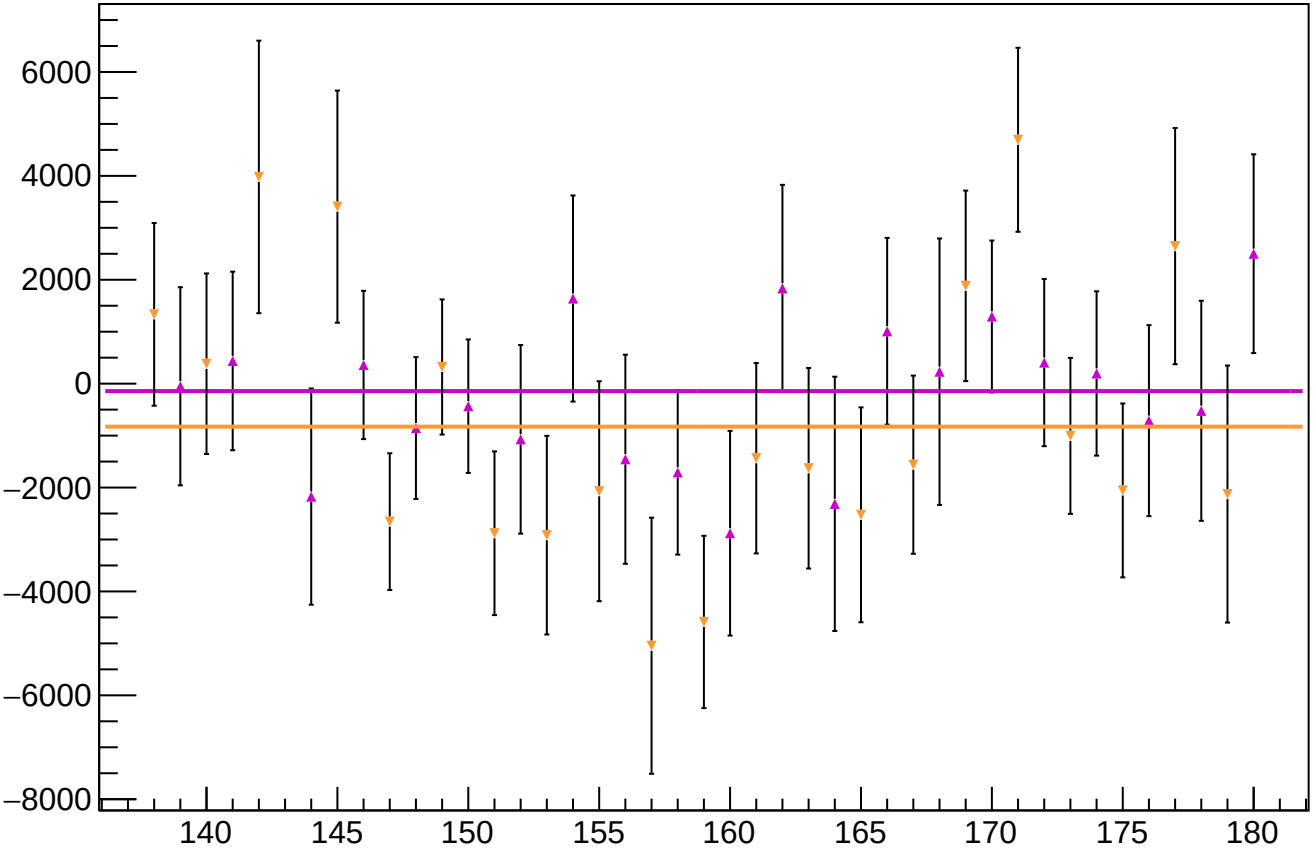
Left In: 1133.812+/-0.197 χ^2/NDF:13863.2/20

+ sign 1133.470+/-0.169 χ^2/NDF: 330738.1/36

All: 1133.219+/-0.118 χ^2/NDF: 364384.8/75

- sign 1132.980+/-0.165 χ^2/NDF: 33642.4/38

asym_usl_correction_mean vs Slug



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

Left Out: -827.707+/-391.947 χ^2/NDF:39.2/20

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

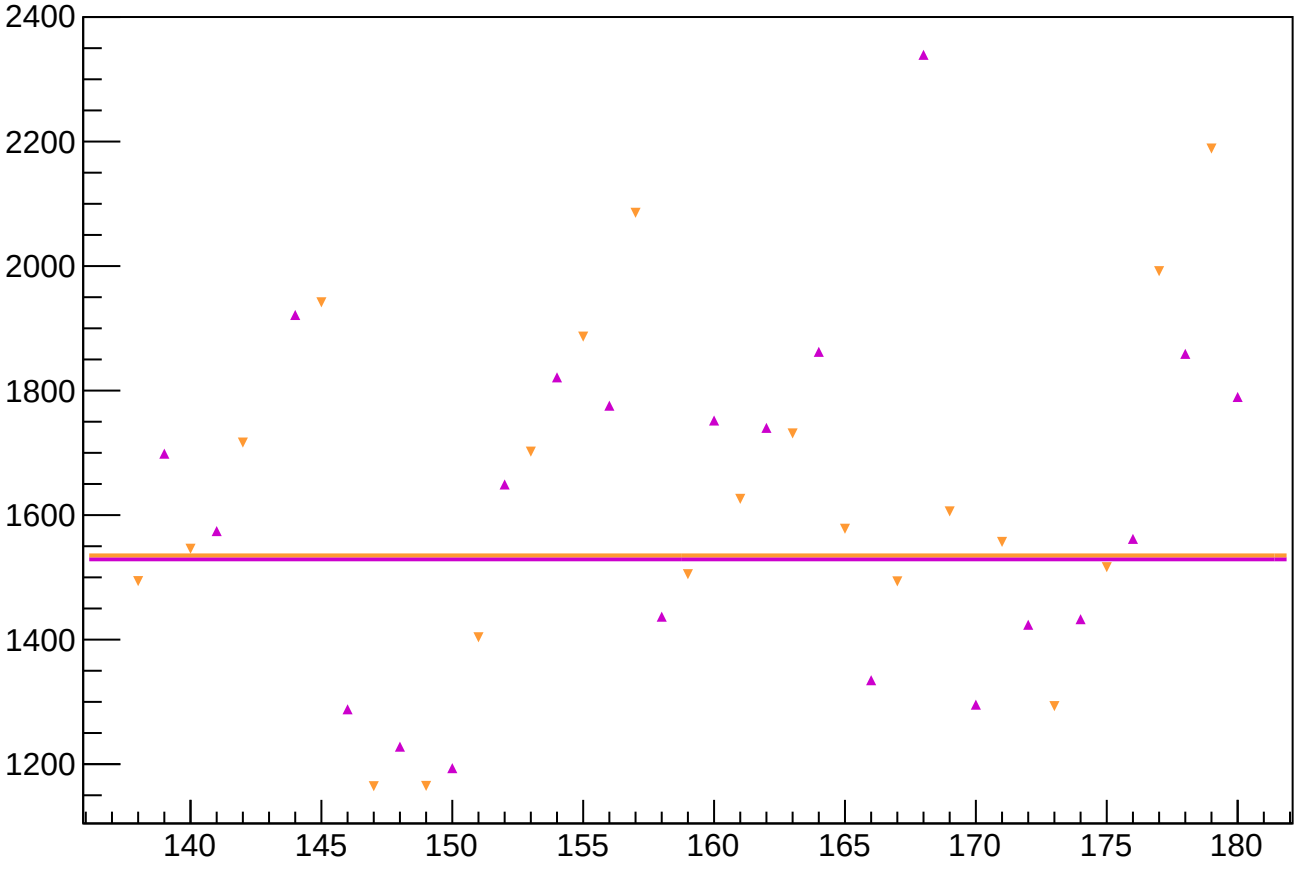
Left In: -143.308+/-381.664 χ^2/NDF:11.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -476.412+/-273.440 χ^2/NDF: 52.0/41

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_correction_rms vs Slug



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

Left Out: 1535.257+/-0.277 χ^2/NDF:885485.8/20

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

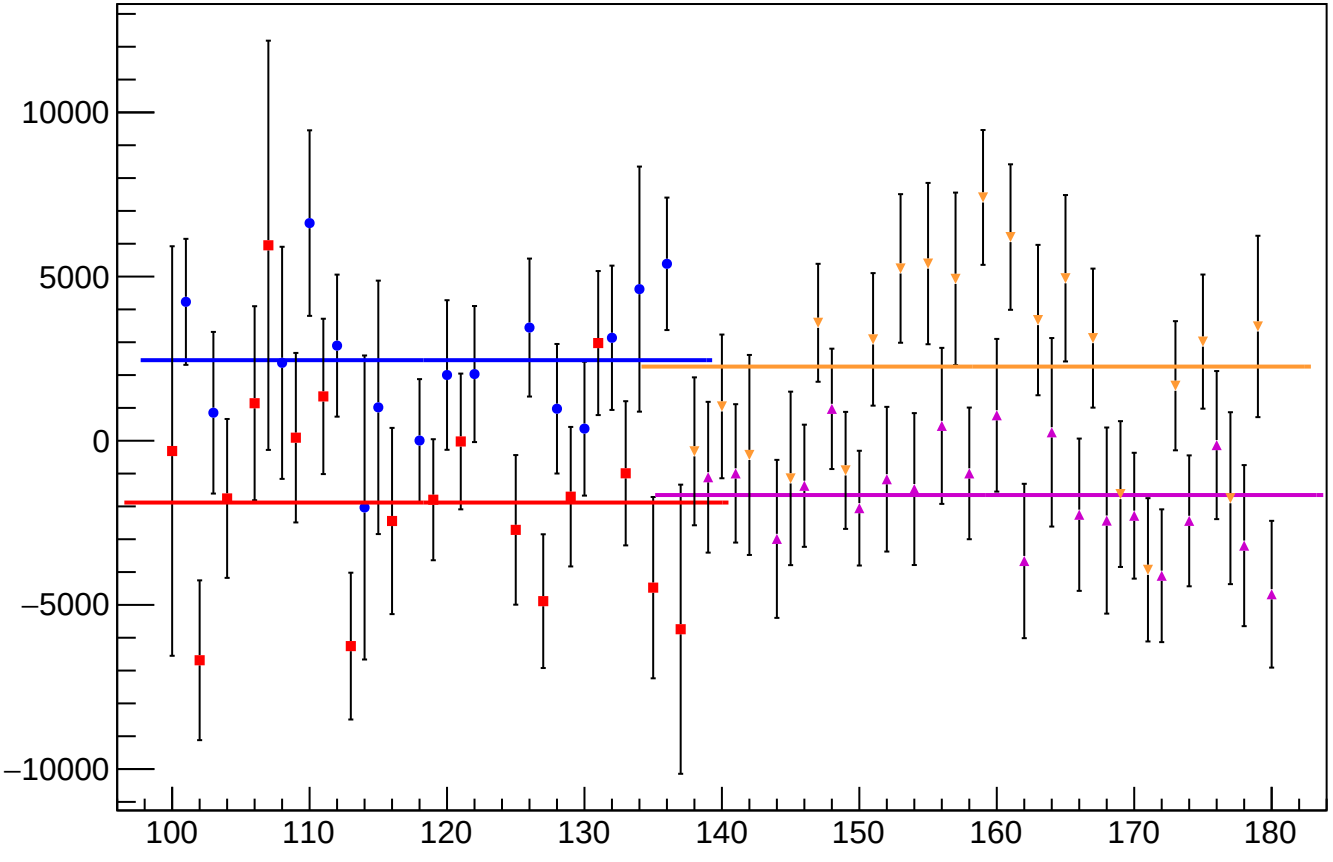
Left In: 1529.015+/-0.270 χ^2/NDF:929380.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1532.053+/-0.193 χ^2/NDF: 1815126.3/41

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usl_mean vs Slug



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

Left Out: 2258.356+/-486.151 χ^2/NDF:37.4/20

Right Out: -1882.755+/-583.188 χ^2/NDF: 22.8/17

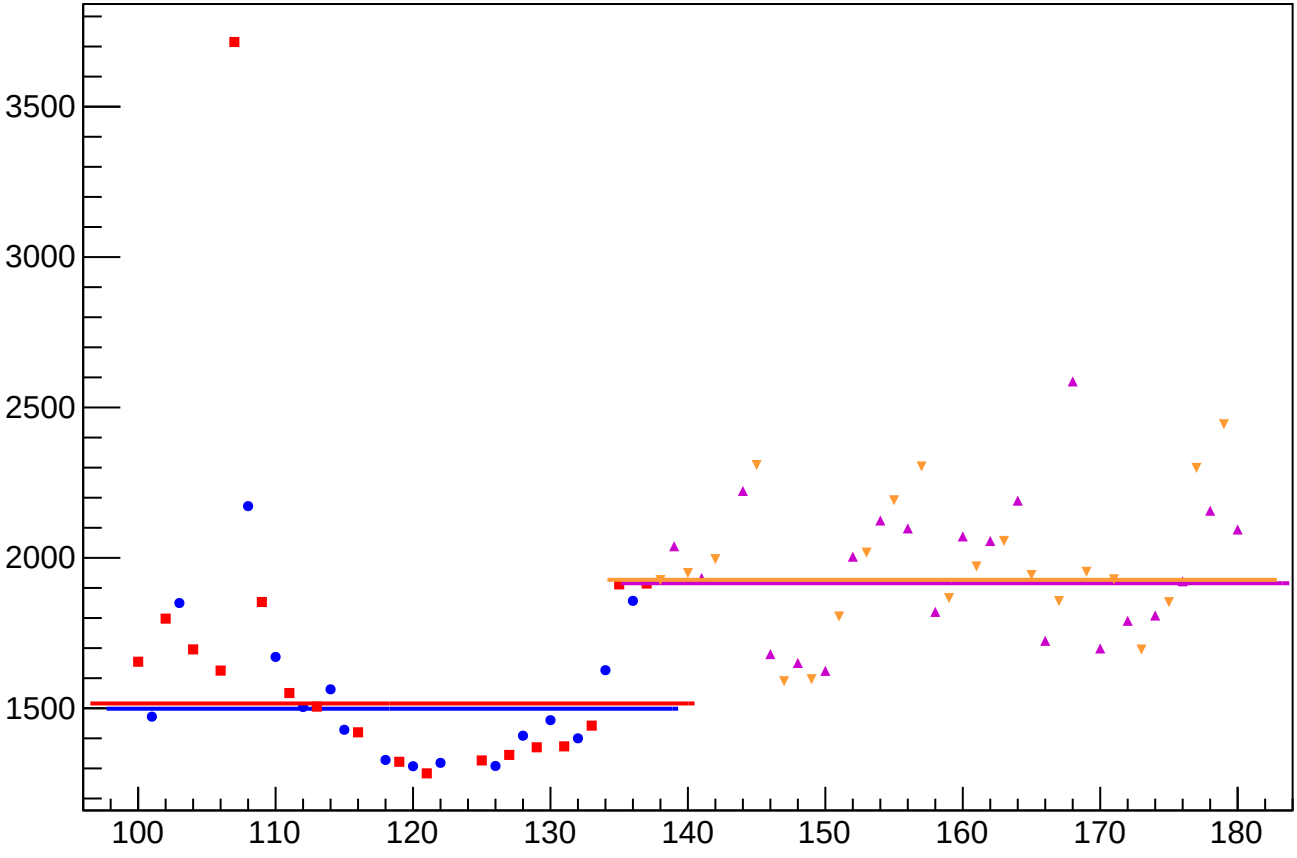
Left In: -1653.707+/-474.087 χ^2/NDF:10.4/20

+ sign 2338.253+/-373.714 χ^2/NDF: 48.2/36

All: 264.526+/-262.165 χ^2/NDF: 142.0/75

- sign -1744.844+/-367.869 χ^2/NDF: 33.2/38

asym_usl_rms vs Slug



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

Left Out: 1927.062+/-0.344 χ^2/NDF:409445.4/20

Right Out: 1515.949+/-0.412 χ^2/NDF: 480541.4/17

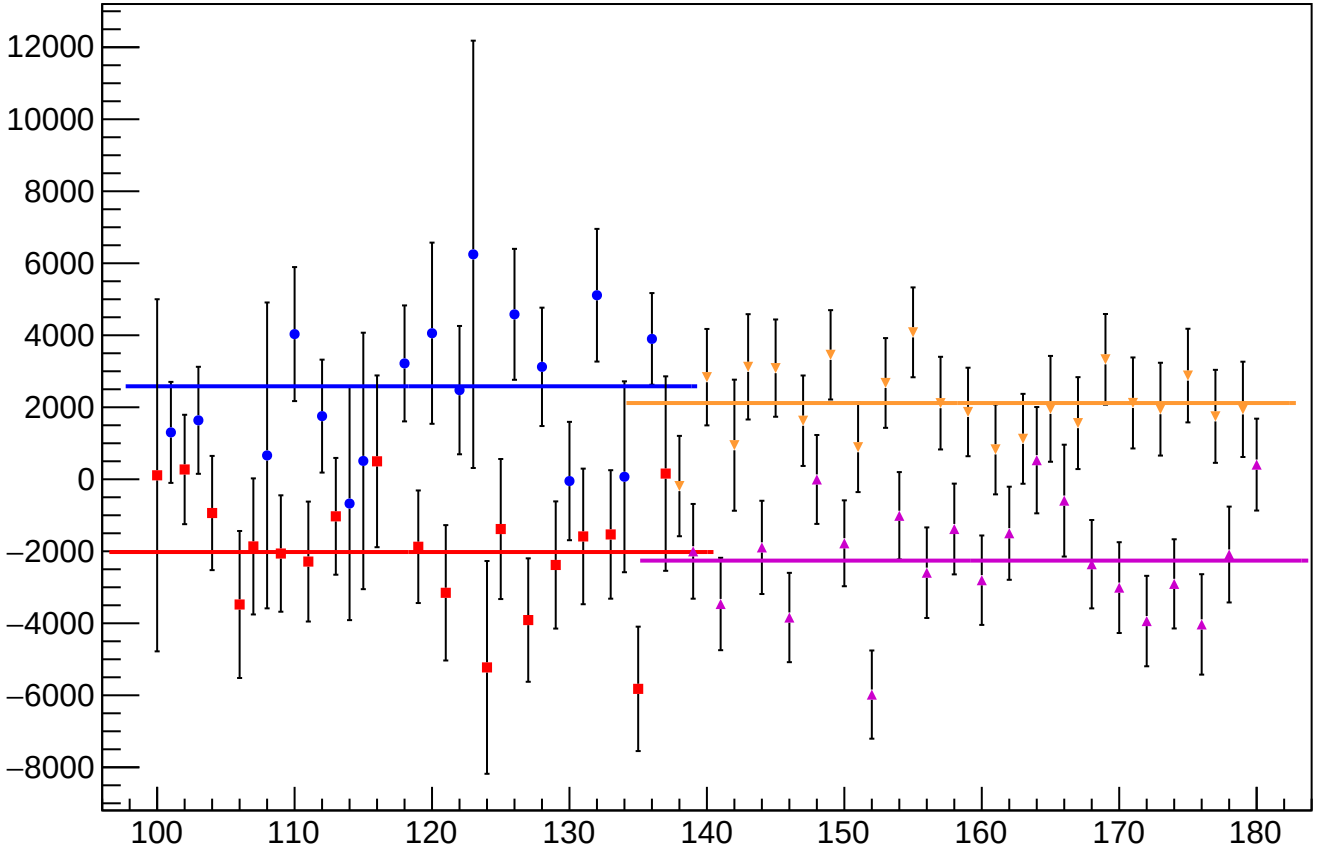
Left In: 1915.633+/-0.335 χ^2/NDF:434832.8/20

+ sign 1751.744+/-0.264 χ^2/NDF: 1304084.7/36

All: 1754.210+/-0.185 χ^2/NDF: 2785242.6/75

- sign 1756.600+/-0.260 χ^2/NDF: 1480986.3/38

dit_asym_usr_mean vs Slug



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

Left Out: 2117.737+/-279.007 χ^2/NDF:12.7/21

Right Out: -2020.735+/-426.756 χ^2/NDF: 13.5/18

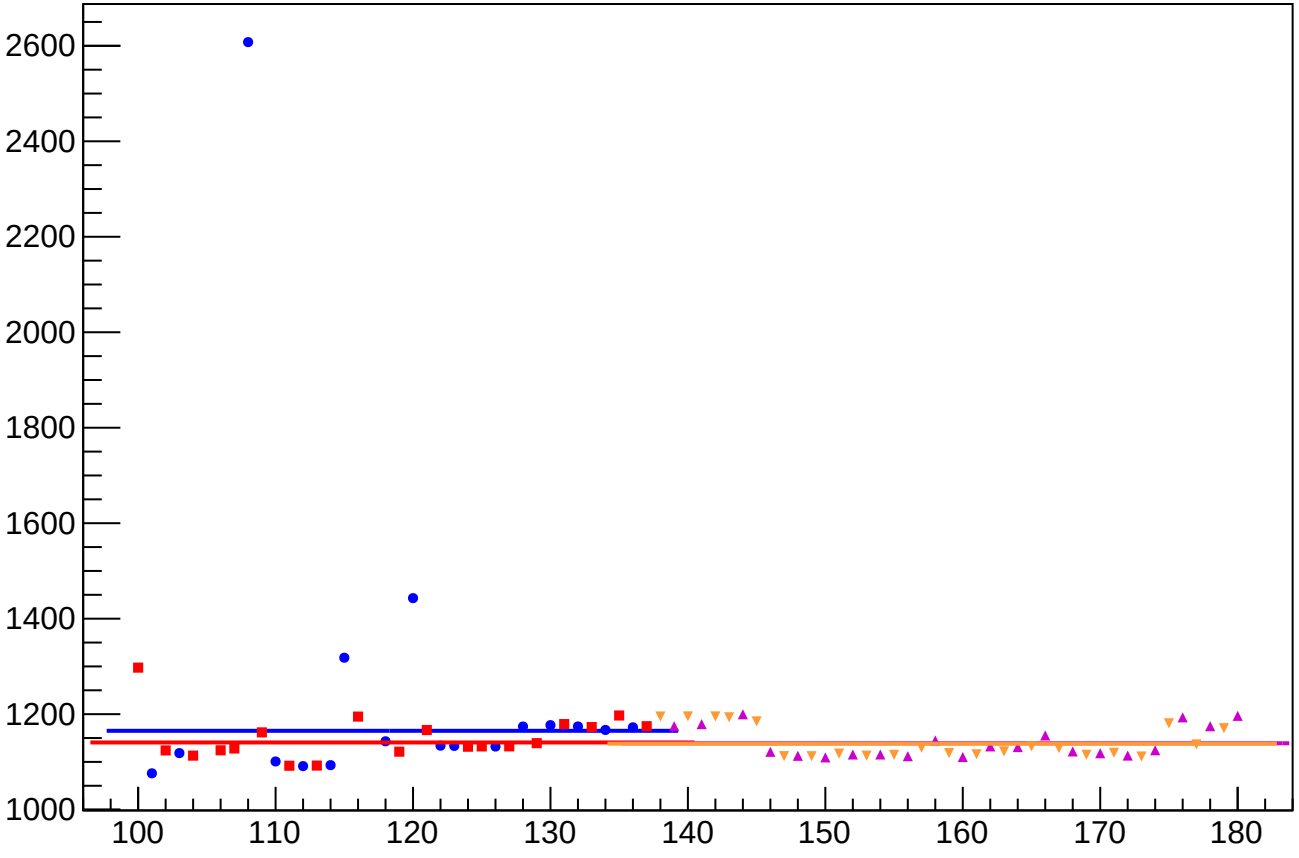
Left In: -2258.987+/-279.663 χ^2/NDF:30.6/20

+ sign 2245.610+/-237.591 χ^2/NDF: 25.8/38

All: -5.490+/-166.686 χ^2/NDF: 246.9/78

- sign -2187.409+/-233.911 χ^2/NDF: 44.3/39

dit_asym_usr_rms vs Slug



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

Left Out: 1138.195+/-0.197 χ^2/NDF:25083.5/21

Right Out: 1140.752+/-0.302 χ^2/NDF: 12717.7/18

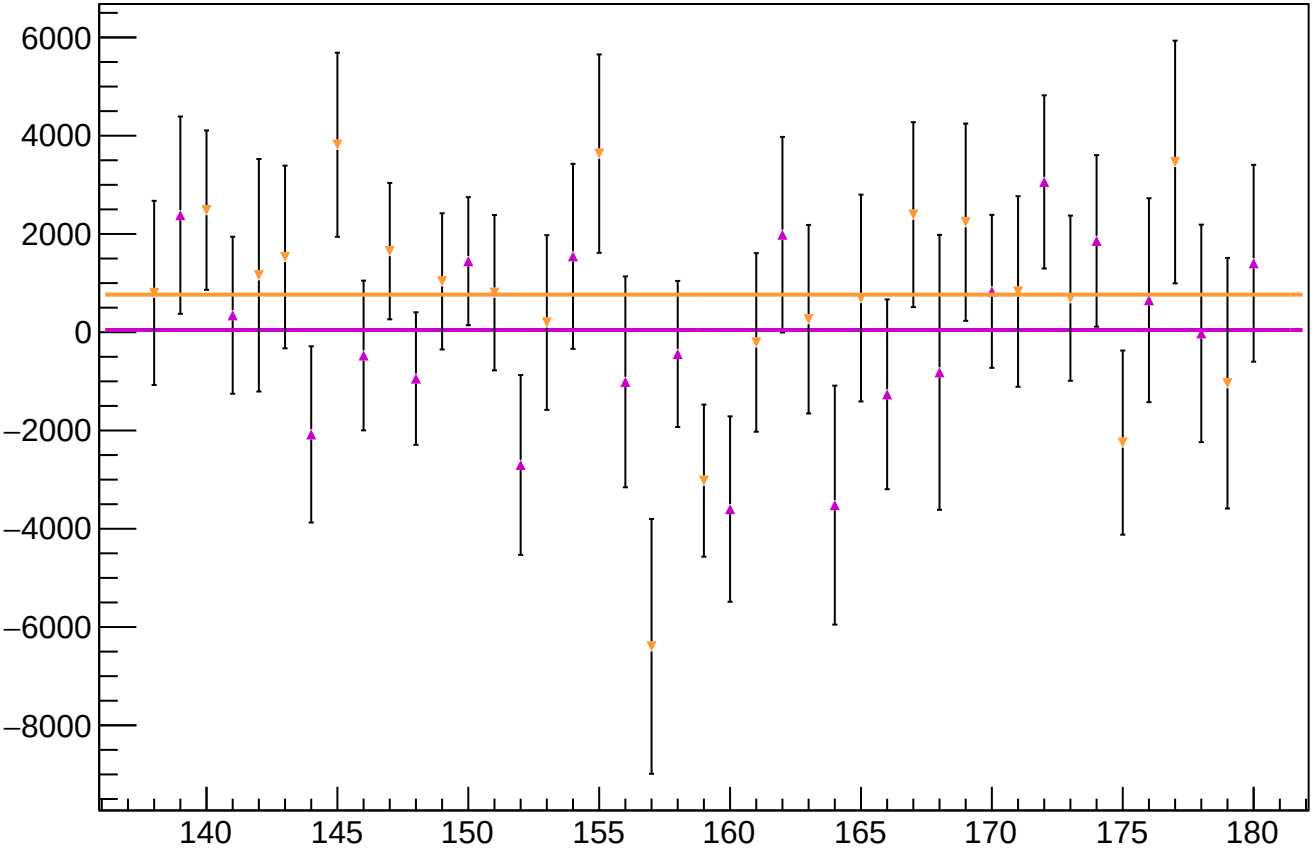
Left In: 1139.065+/-0.198 χ^2/NDF:24810.2/20

+ sign 1145.603+/-0.168 χ^2/NDF: 308782.7/38

All: 1142.540+/-0.118 χ^2/NDF: 346986.7/78

- sign 1139.572+/-0.165 χ^2/NDF: 37549.7/39

asym_usr_correction_mean vs Slug



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

Left Out: 765.084+/-391.090 χ^2/NDF:26.1/21

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

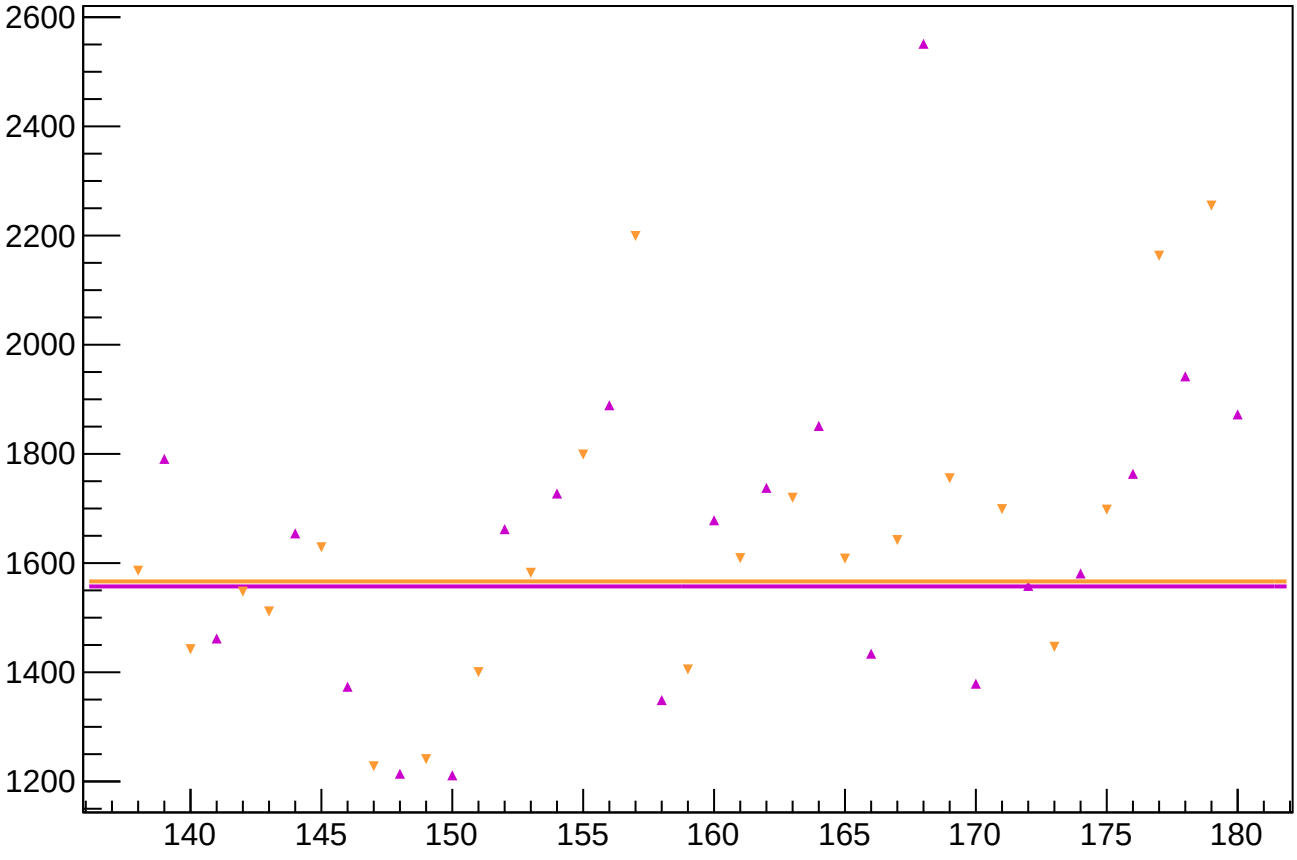
Left In: 45.769+/-388.760 χ^2/NDF:20.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 403.278+/-275.715 χ^2/NDF: 47.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_correction_rms vs Slug



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

Left Out: 1566.462+/-0.277 χ^2/NDF:762462.4/21

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

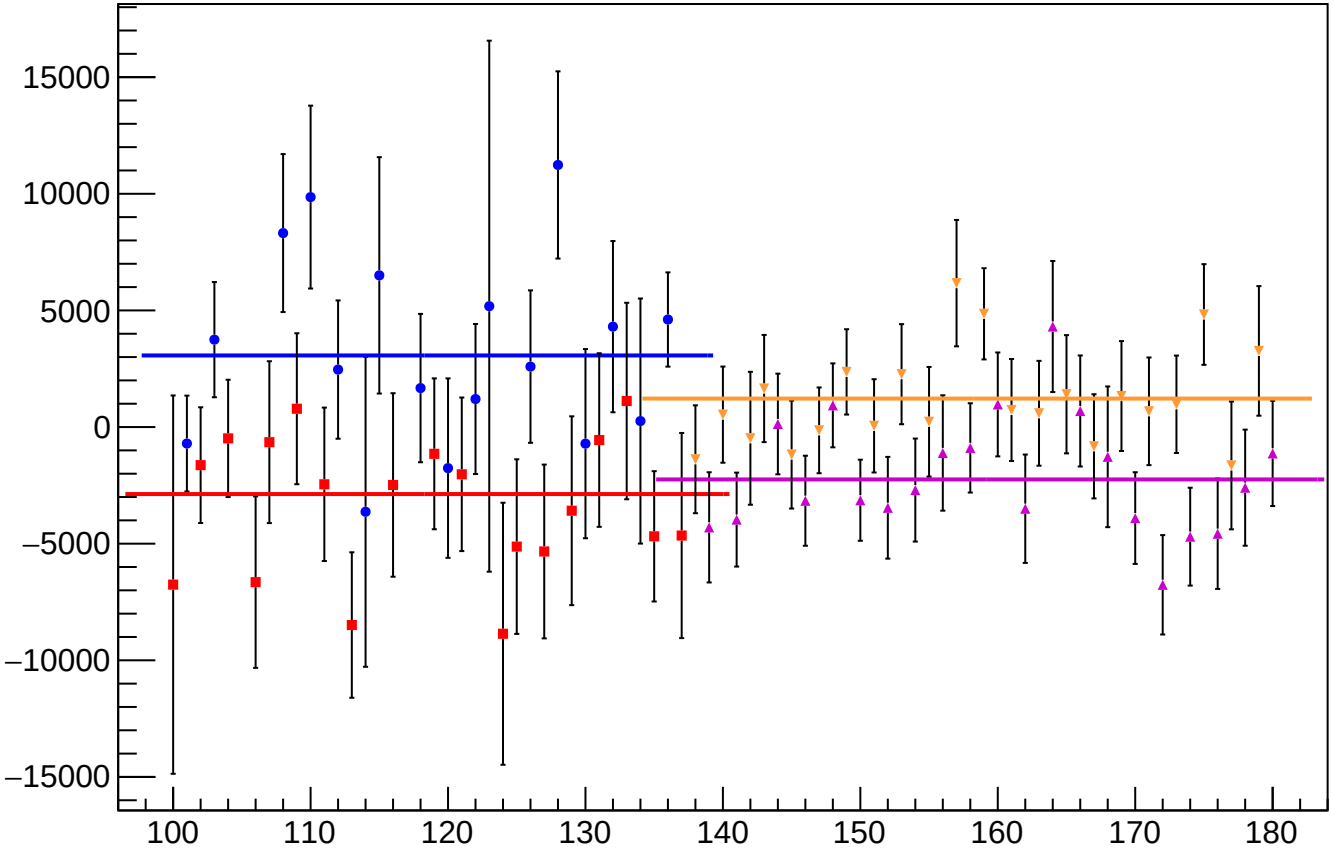
Left In: 1557.245+/-0.275 χ^2/NDF:920300.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1561.826+/-0.195 χ^2/NDF: 1683321.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_usr_mean vs Slug



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

Left Out: 1221.247+/-476.659 χ^2/NDF:16.8/21

Right Out: -2872.615+/-795.352 χ^2/NDF: 11.6/18

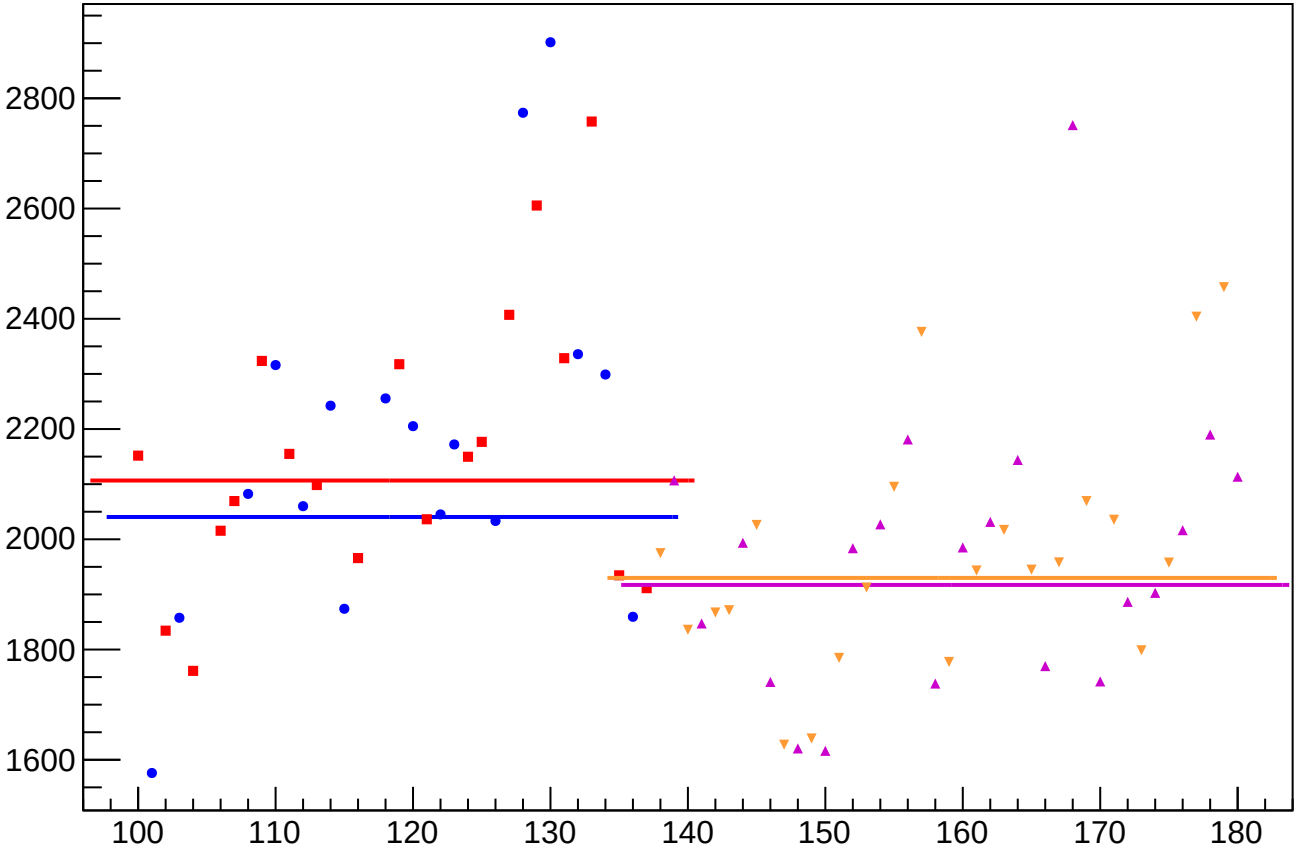
Left In: -2245.706+/-474.411 χ^2/NDF:24.6/20

+ sign 1707.501+/-409.180 χ^2/NDF: 39.3/38

All: -360.154+/-288.715 χ^2/NDF: 126.8/78

- sign -2410.220+/-407.436 χ^2/NDF: 36.6/39

asym_usr_rms vs Slug



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

Left Out: 1929.930+/-0.337 χ^2/NDF:357291.1/21

Right Out: 2106.624+/-0.562 χ^2/NDF: 195414.9/18

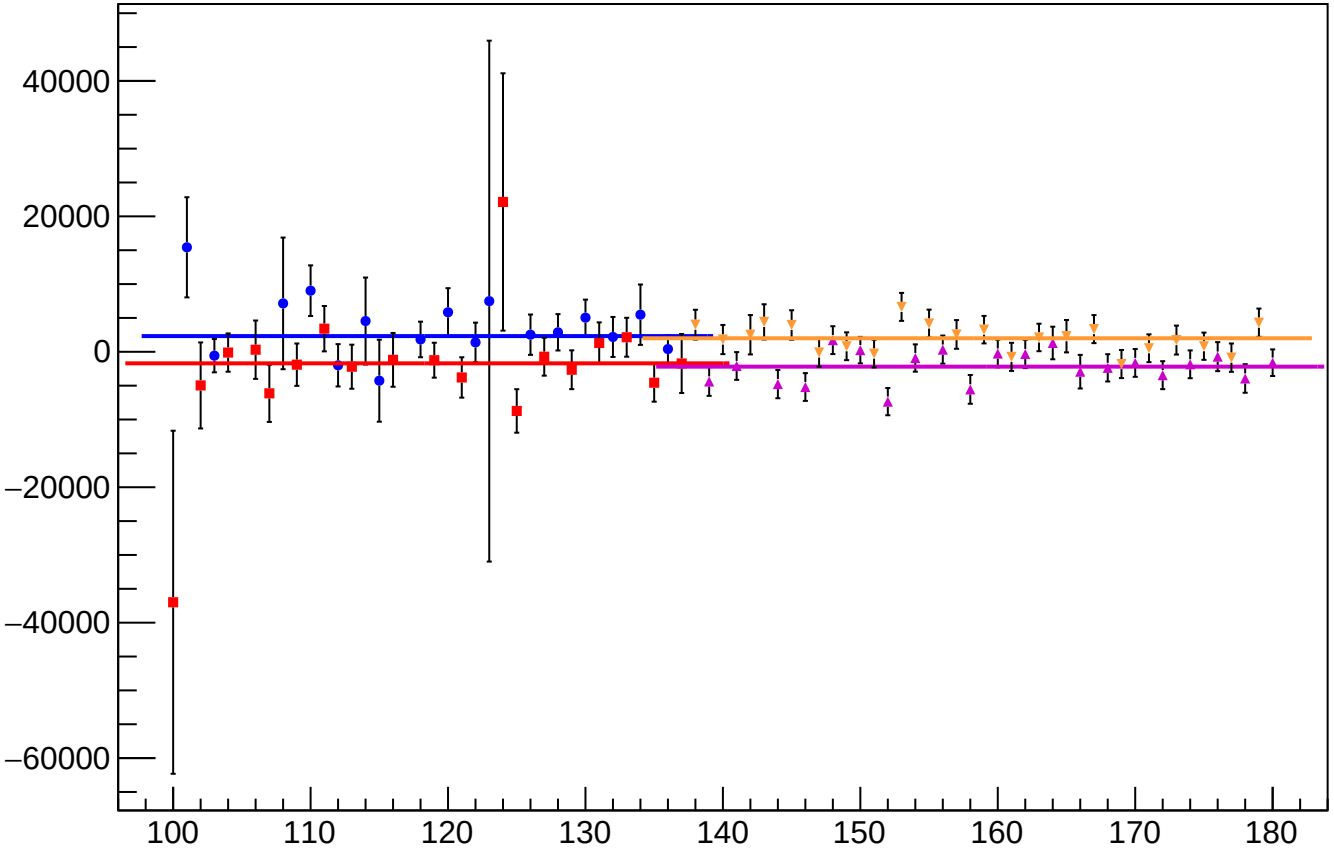
Left In: 1917.218+/-0.335 χ^2/NDF:435246.8/20

+ sign 1959.003+/-0.289 χ^2/NDF: 716910.4/38

All: 1962.979+/-0.204 χ^2/NDF: 1431606.1/78

- sign 1966.922+/-0.288 χ^2/NDF: 714319.5/39

dit_asym_at1_avg_mean vs Slug



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

Left Out: 1997.673+/-455.524 χ^2/NDF:21.3/21

Right Out: -1705.508+/-782.848 χ^2/NDF: 17.2/18

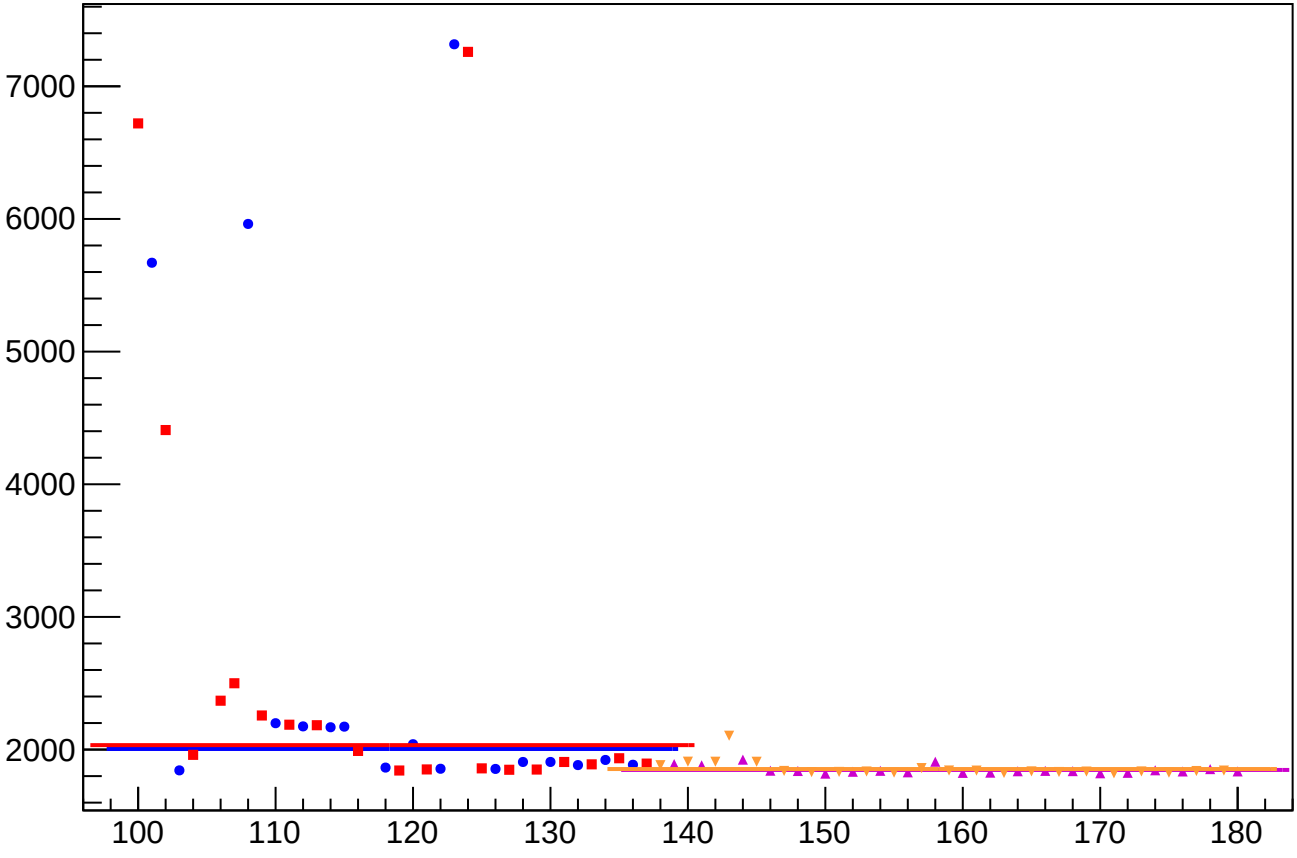
Left In: -2191.949+/-454.773 χ^2/NDF:26.5/20

+ sign 2076.142+/-396.024 χ^2/NDF: 36.2/38

All: -11.182+/-279.040 χ^2/NDF: 135.3/78

- sign -2069.210+/-393.235 χ^2/NDF: 44.0/39

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1853.320+/-0.322 χ^2/NDF:25640.7/21

Right Out: 2033.490+/-0.554 χ^2/NDF: 611009.8/18

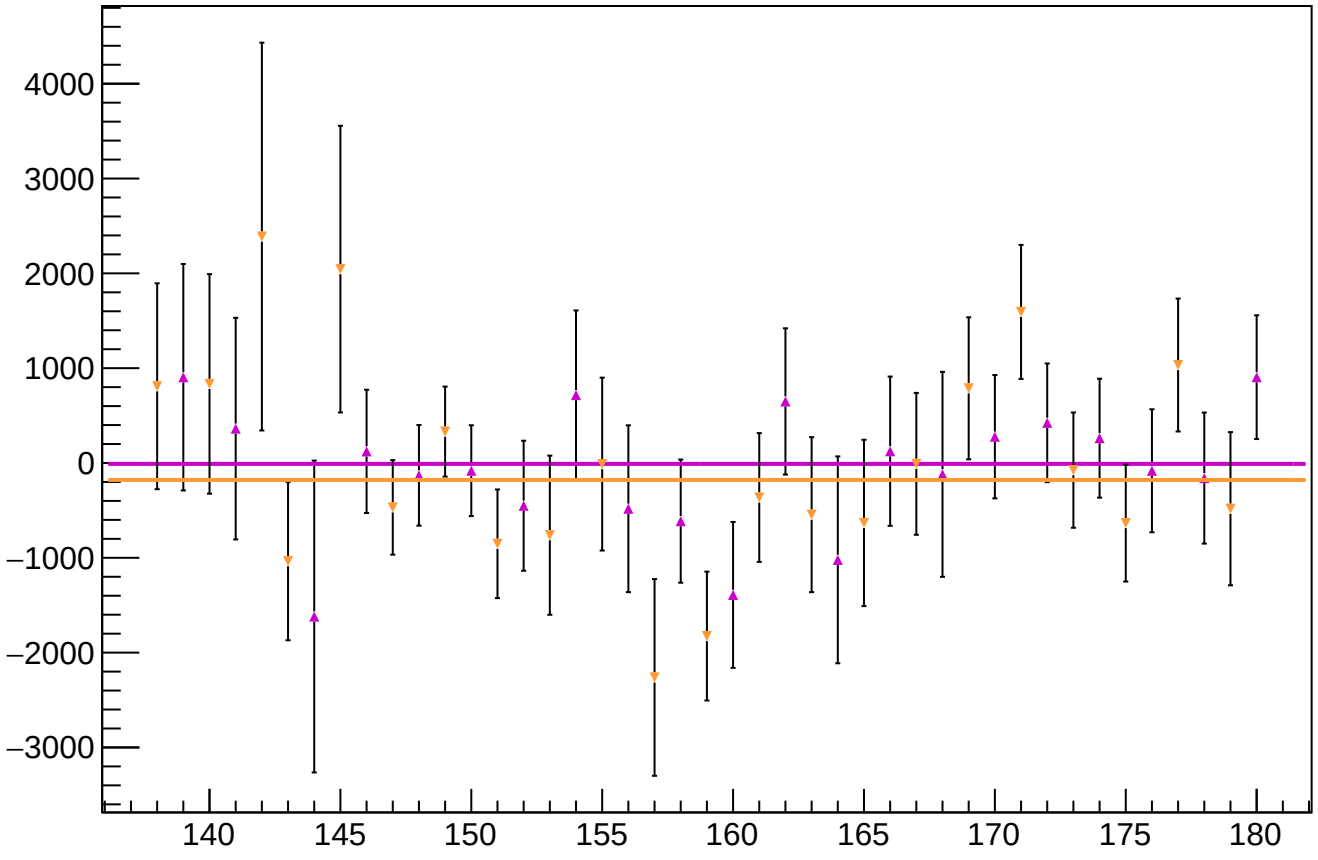
Left In: 1846.477+/-0.322 χ^2/NDF:7797.9/20

+ sign 1890.247+/-0.280 χ^2/NDF: 995479.7/38

All: 1891.968+/-0.197 χ^2/NDF: 1699699.3/78

- sign 1893.664+/-0.278 χ^2/NDF: 704144.6/39

asym_at1_avg_correction_mean vs Slug



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

Left Out: -178.913+/-157.380 χ^2/NDF:31.9/21

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

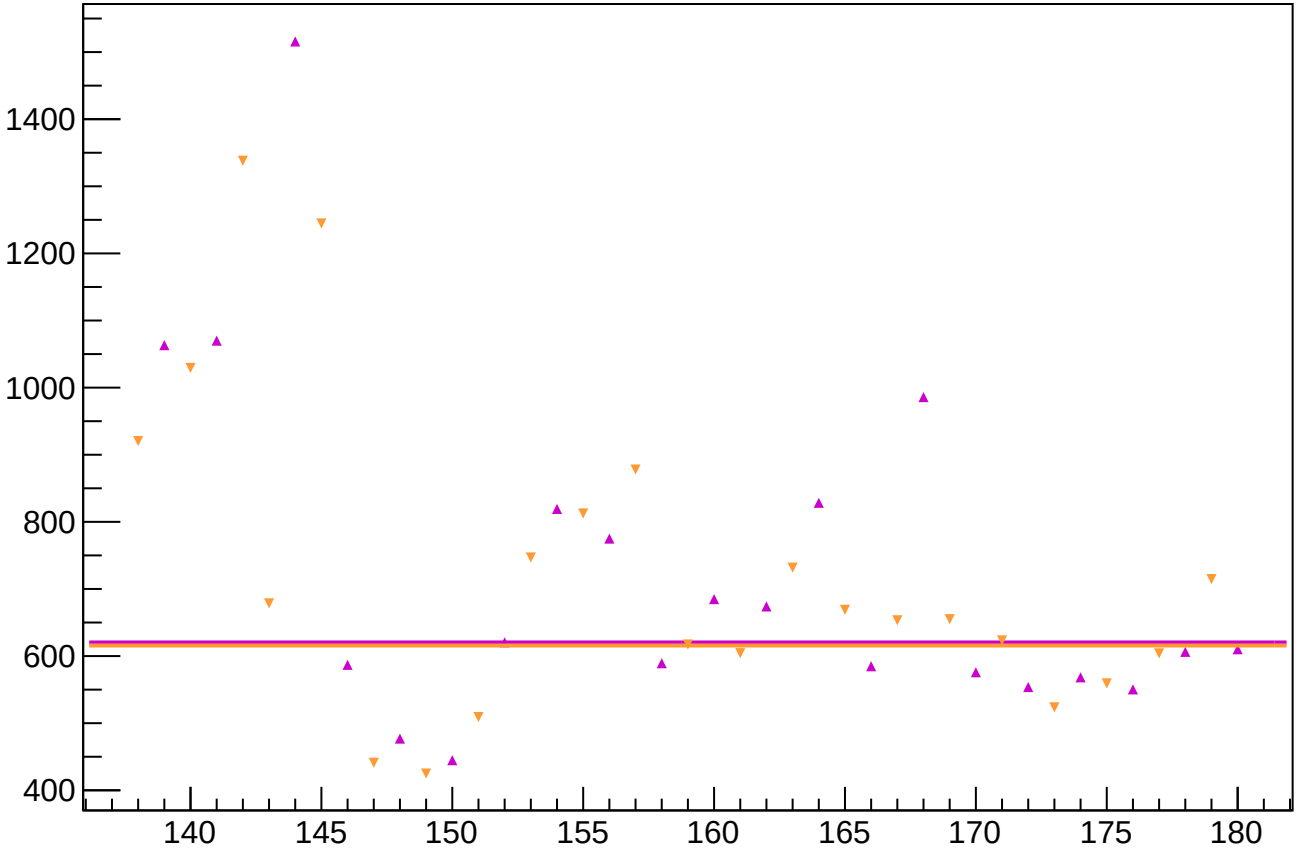
Left In: -9.543+/-157.947 χ^2/NDF:11.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -94.533+/-111.485 χ^2/NDF: 44.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_correction_rms vs Slug



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

Left Out: 615.768+/-0.111 χ^2/NDF:2080133.2/21

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

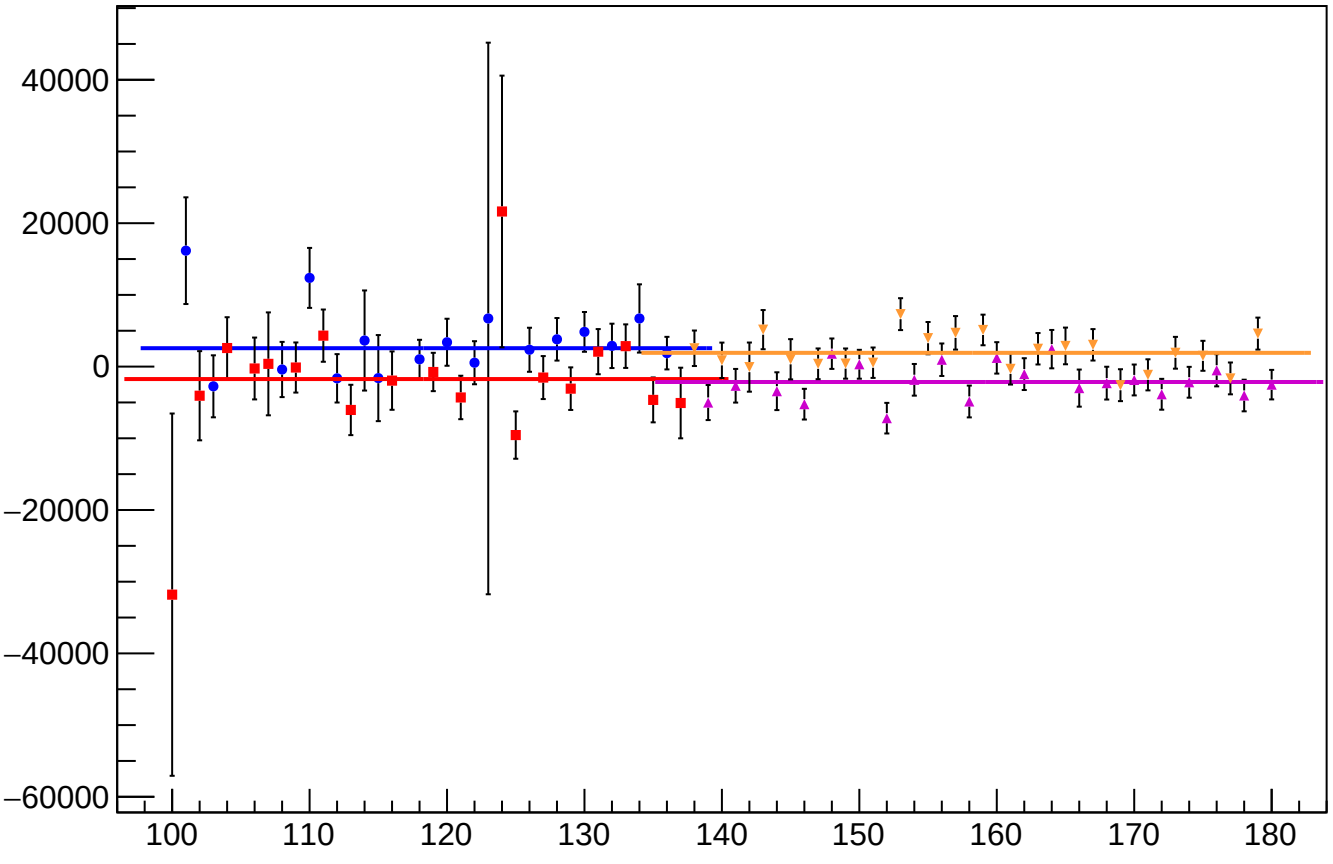
Left In: 620.282+/-0.112 χ^2/NDF:2149151.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 618.017+/-0.079 χ^2/NDF: 4230104.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_avg_mean vs Slug



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

Left Out: 1918.811+/-489.778 χ^2/NDF:25.6/21

Right Out: -1737.684+/-853.181 χ^2/NDF: 20.5/18

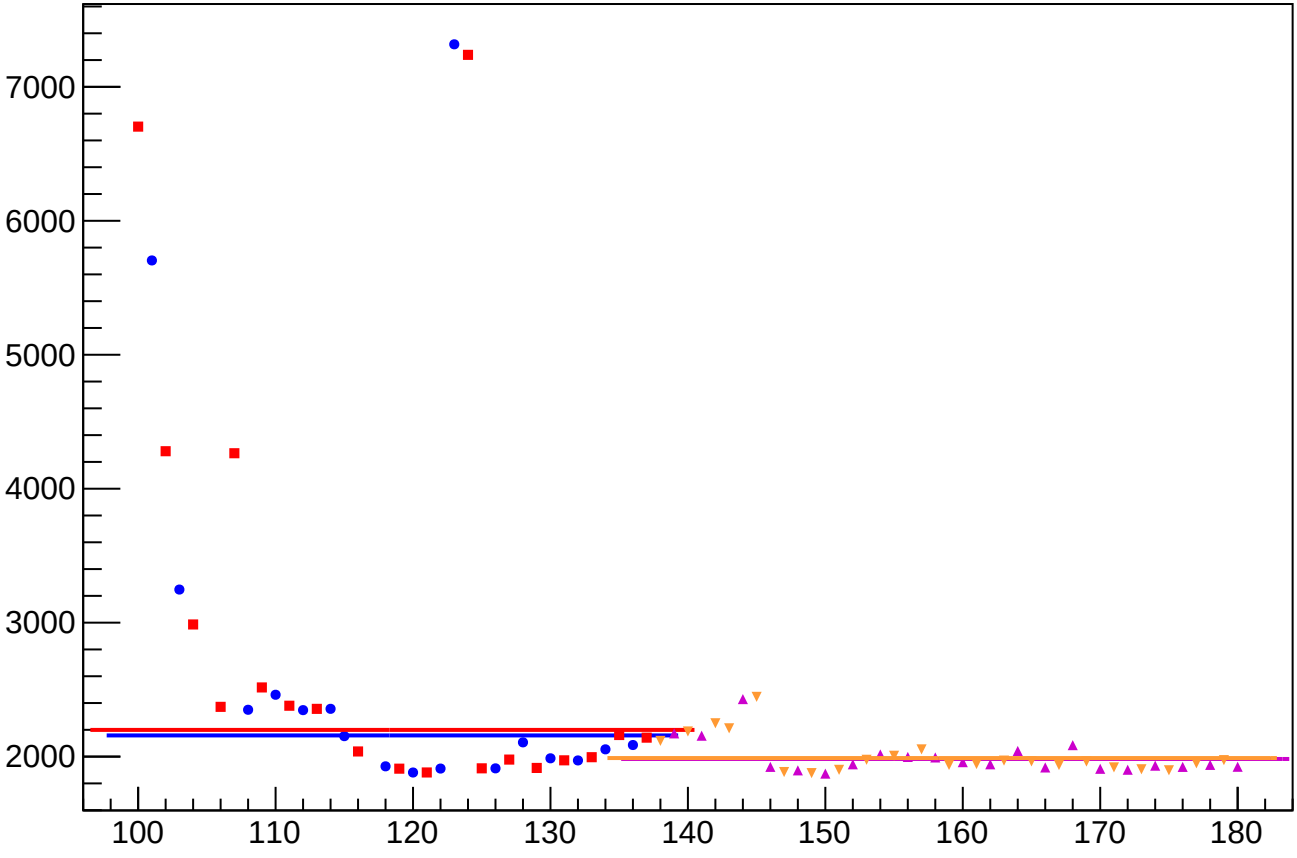
Left In: -2147.996+/-489.014 χ^2/NDF:25.3/20

+ sign 2078.602+/-425.121 χ^2/NDF: 41.6/38

All: 11.878+/-300.303 χ^2/NDF: 134.7/78

- sign -2046.533+/-424.266 χ^2/NDF: 46.0/39

asym_at1_avg_rms vs Slug



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

Left Out: 1989.197+/-0.346 χ^2/NDF:124795.6/21

Right Out: 2199.343+/-0.603 χ^2/NDF: 803022.0/18

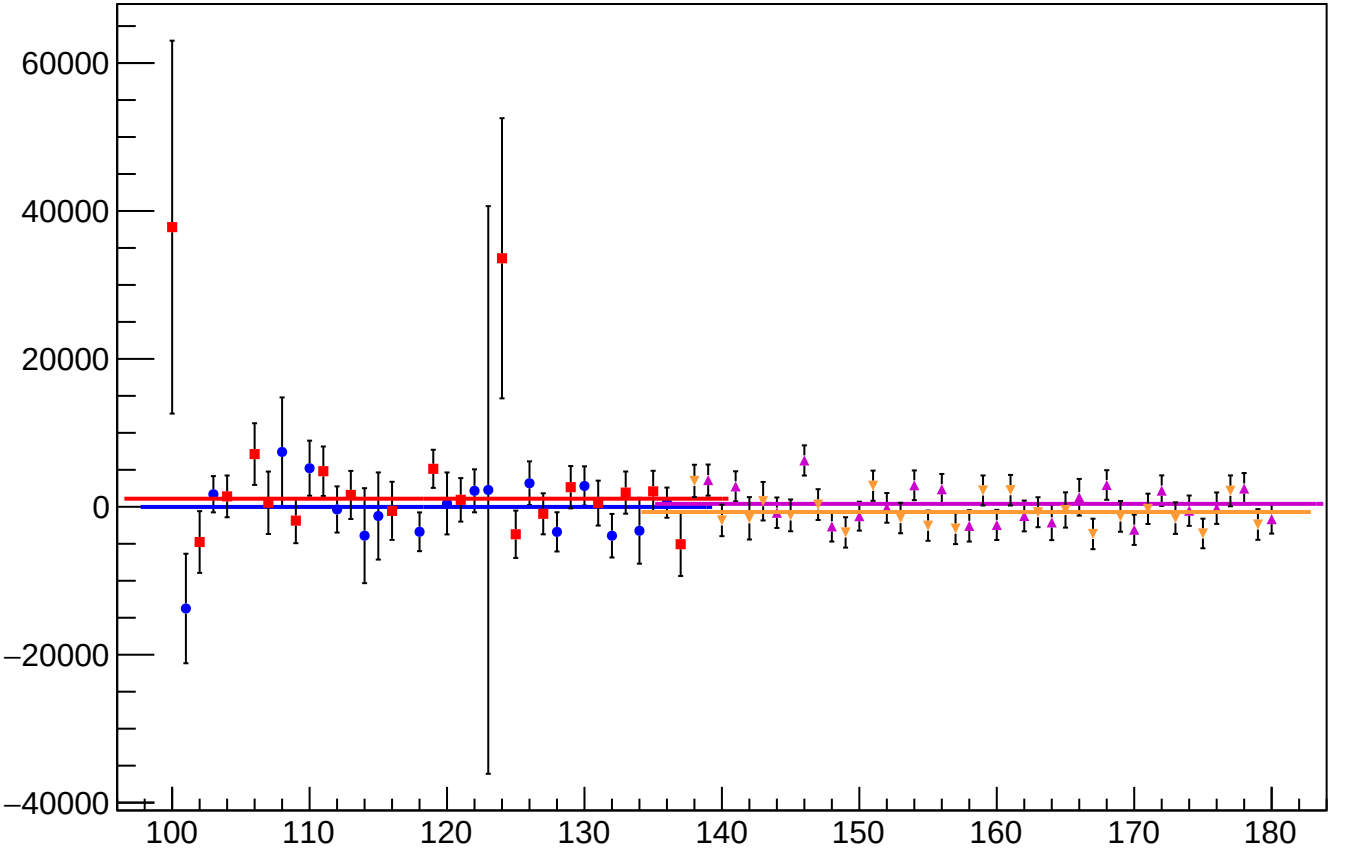
Left In: 1982.351+/-0.346 χ^2/NDF:109699.7/20

+ sign 2030.860+/-0.301 χ^2/NDF: 897345.2/38

All: 2033.440+/-0.212 χ^2/NDF: 1907593.5/78

- sign 2036.010+/-0.300 χ^2/NDF: 1010101.3/39

dit_asym_at1_dd_mean vs Slug



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

Left Out: -705.572+/-453.671 χ^2/NDF:22.7/21

Right Out: 1095.433+/-769.722 χ^2/NDF: 19.4/18

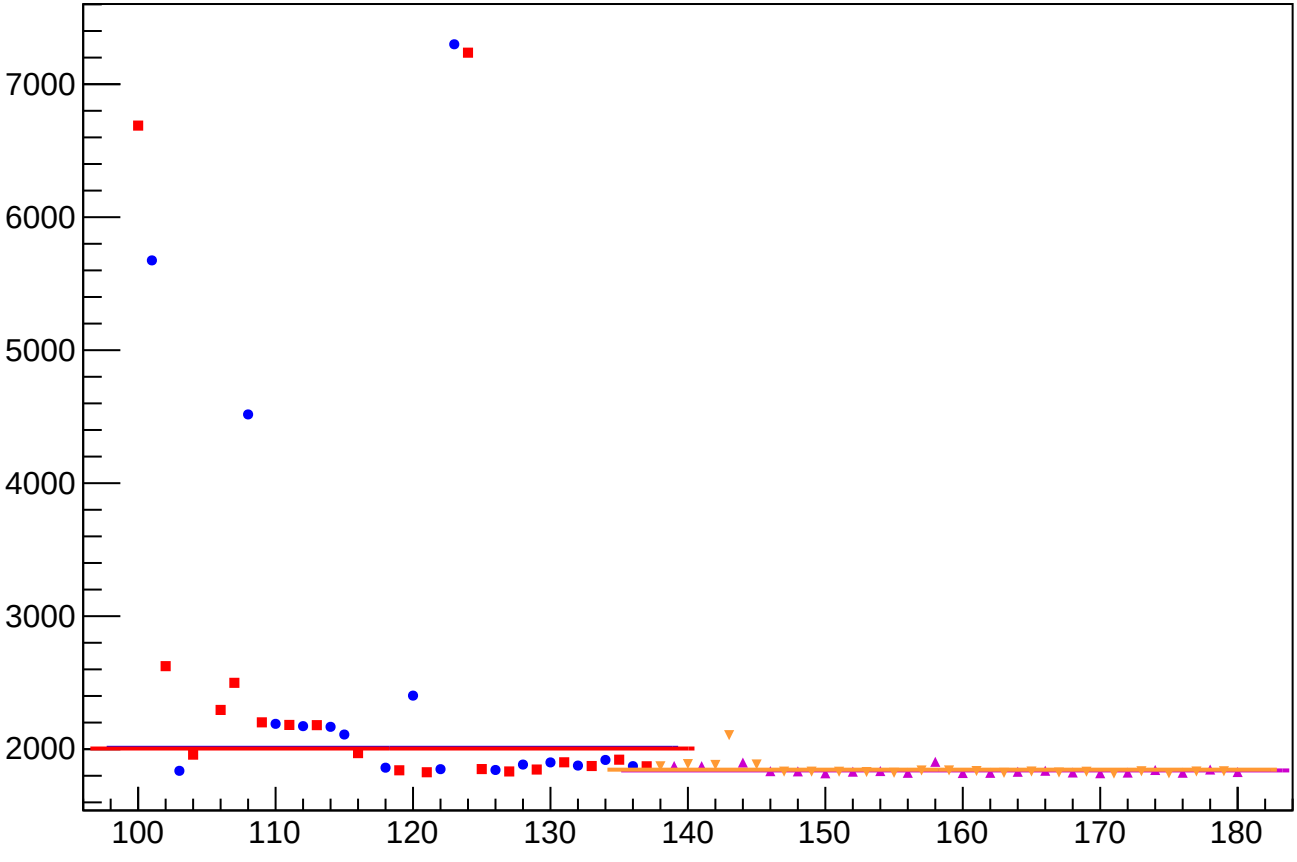
Left In: 397.436+/-453.172 χ^2/NDF:31.2/20

+ sign -538.773+/-394.800 χ^2/NDF: 39.1/38

All: 25.251+/-277.639 χ^2/NDF: 94.3/78

- sign 577.102+/-390.517 χ^2/NDF: 51.2/39

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1845.859+/-0.321 χ^2/NDF:24410.0/21

Right Out: 2004.882+/-0.544 χ^2/NDF: 367513.0/18

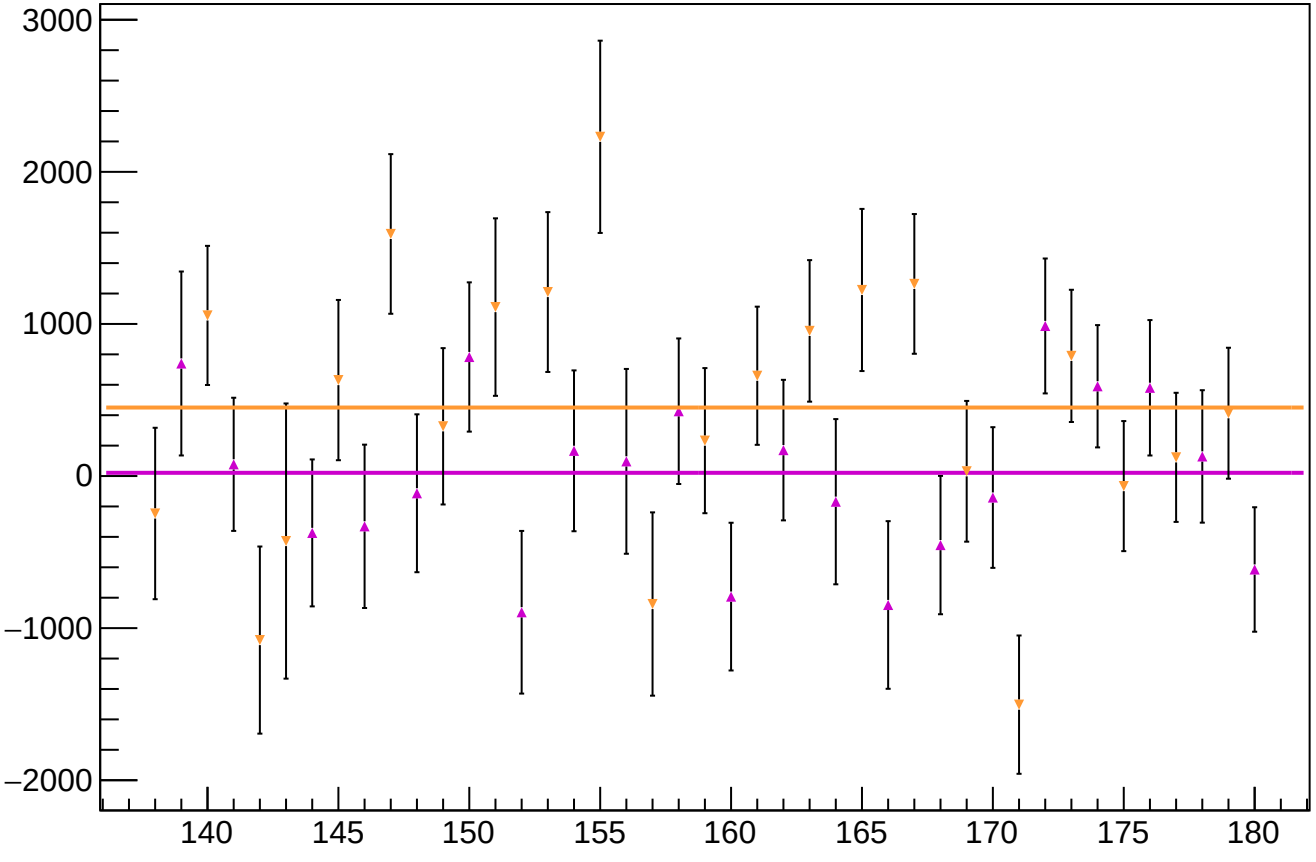
Left In: 1840.042+/-0.320 χ^2/NDF:6045.8/20

+ sign 1885.761+/-0.279 χ^2/NDF: 927905.5/38

All: 1884.098+/-0.196 χ^2/NDF: 1369650.1/78

- sign 1882.472+/-0.276 χ^2/NDF: 441674.4/39

asym_at1_dd_correction_mean vs Slug



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

Left Out: 450.439+/-106.627 χ^2/NDF:60.0/21

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

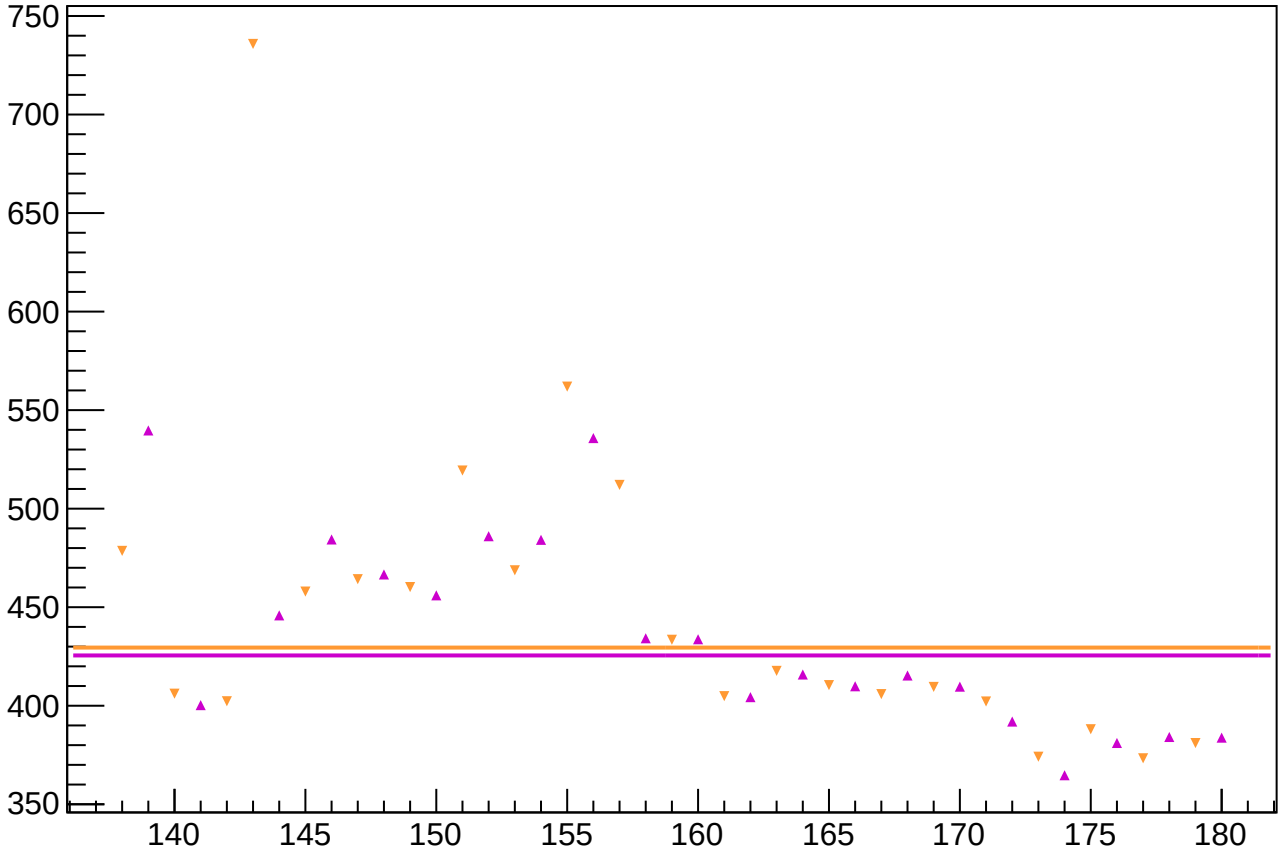
Left In: 21.226+/-105.180 χ^2/NDF:26.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 232.900+/-74.880 χ^2/NDF: 94.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_correction_rms vs Slug



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

Left Out: 429.508+/-0.075 χ^2/NDF:596895.8/21

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

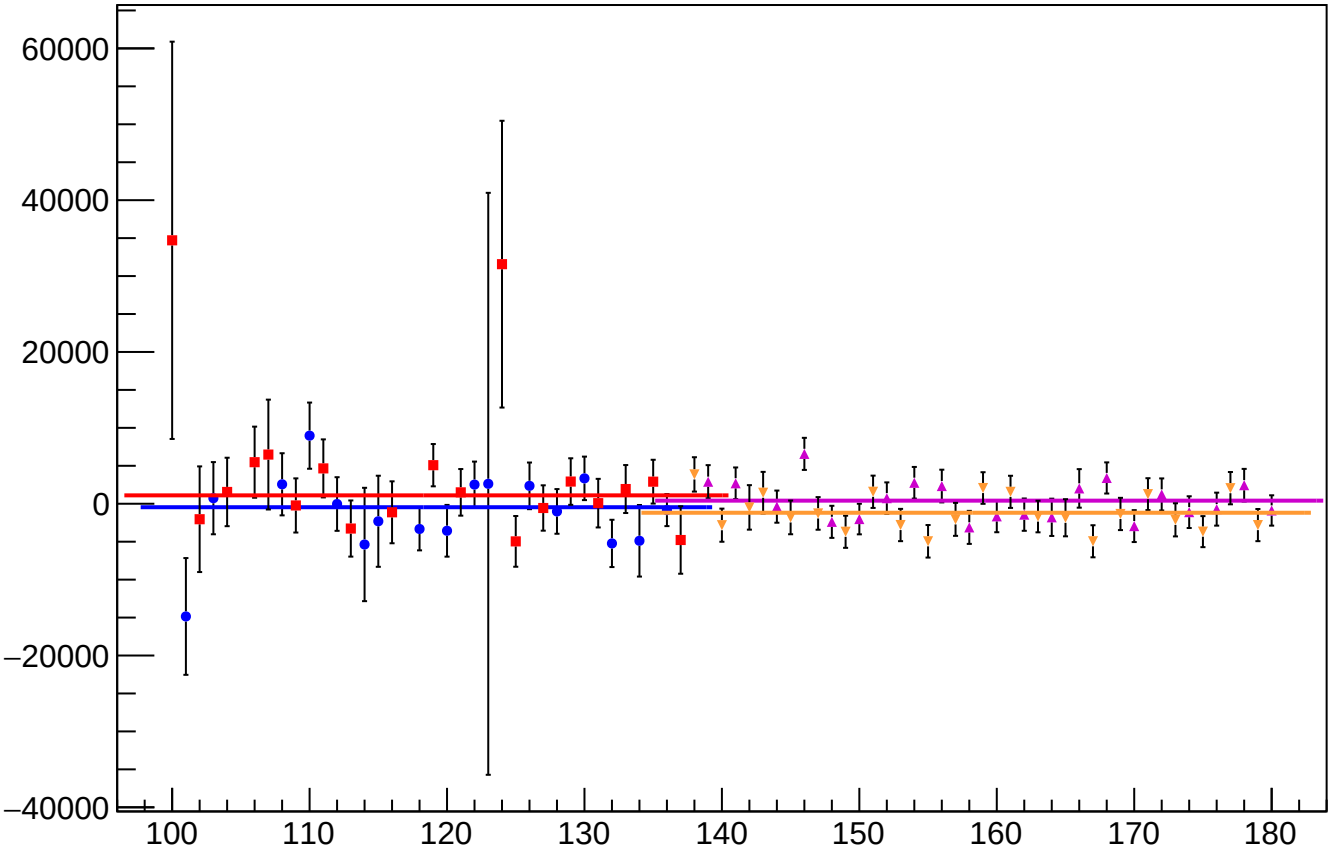
Left In: 425.516+/-0.074 χ^2/NDF:368796.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 427.485+/-0.053 χ^2/NDF: 967113.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_mean vs Slug



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

Left Out: -1187.173+/-467.028 χ^2/NDF:26.9/21

Right Out: 1104.312+/-867.160 χ^2/NDF: 16.9/18

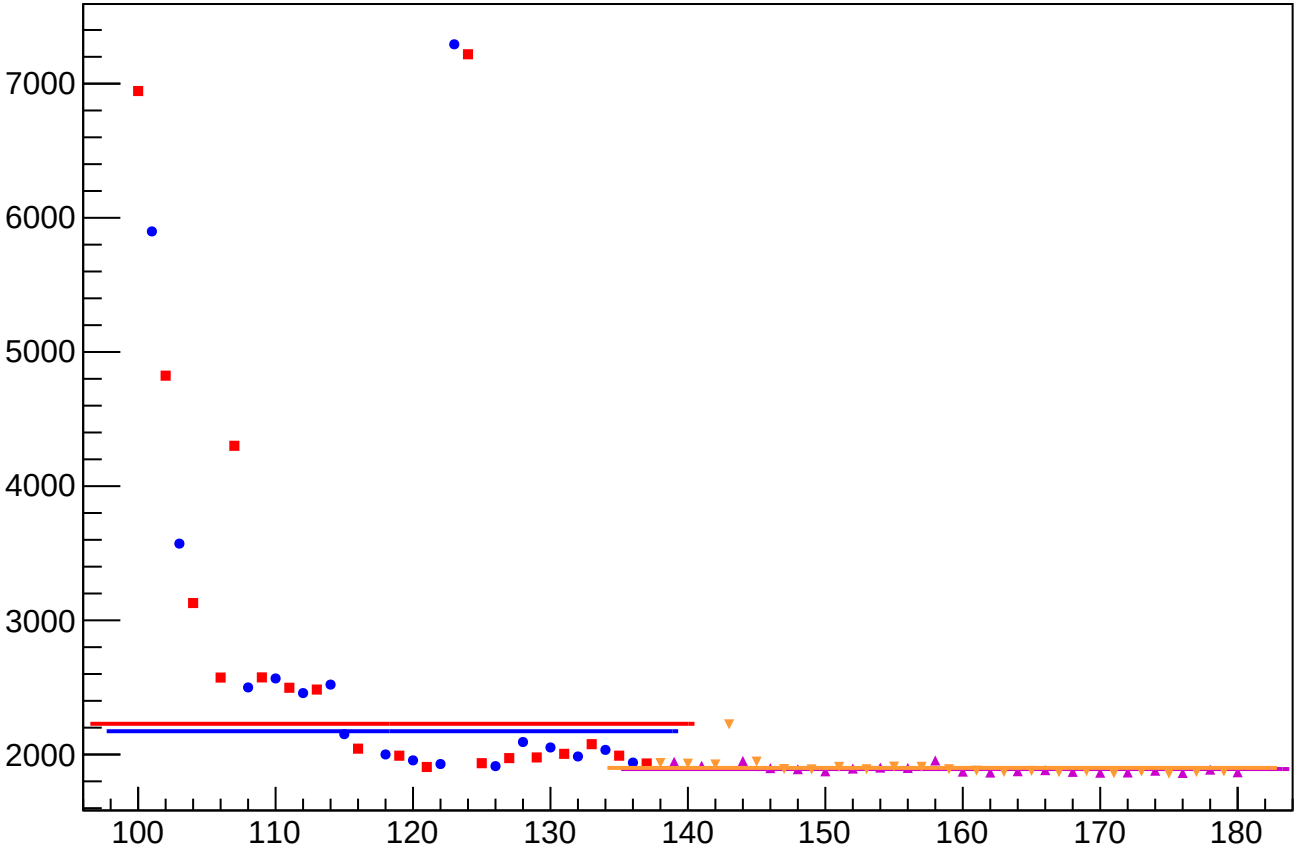
Left In: 407.293+/-465.830 χ^2/NDF:28.9/20

+ sign -1022.704+/-410.971 χ^2/NDF: 45.5/38

All: -228.491+/-290.387 χ^2/NDF: 99.3/78

- sign 563.389+/-410.367 χ^2/NDF: 46.3/39

asym_at1_dd_rms vs Slug



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

Left Out: 1900.122+/-0.330 χ^2/NDF:34259.7/21

Right Out: 2228.892+/-0.613 χ^2/NDF: 895863.4/18

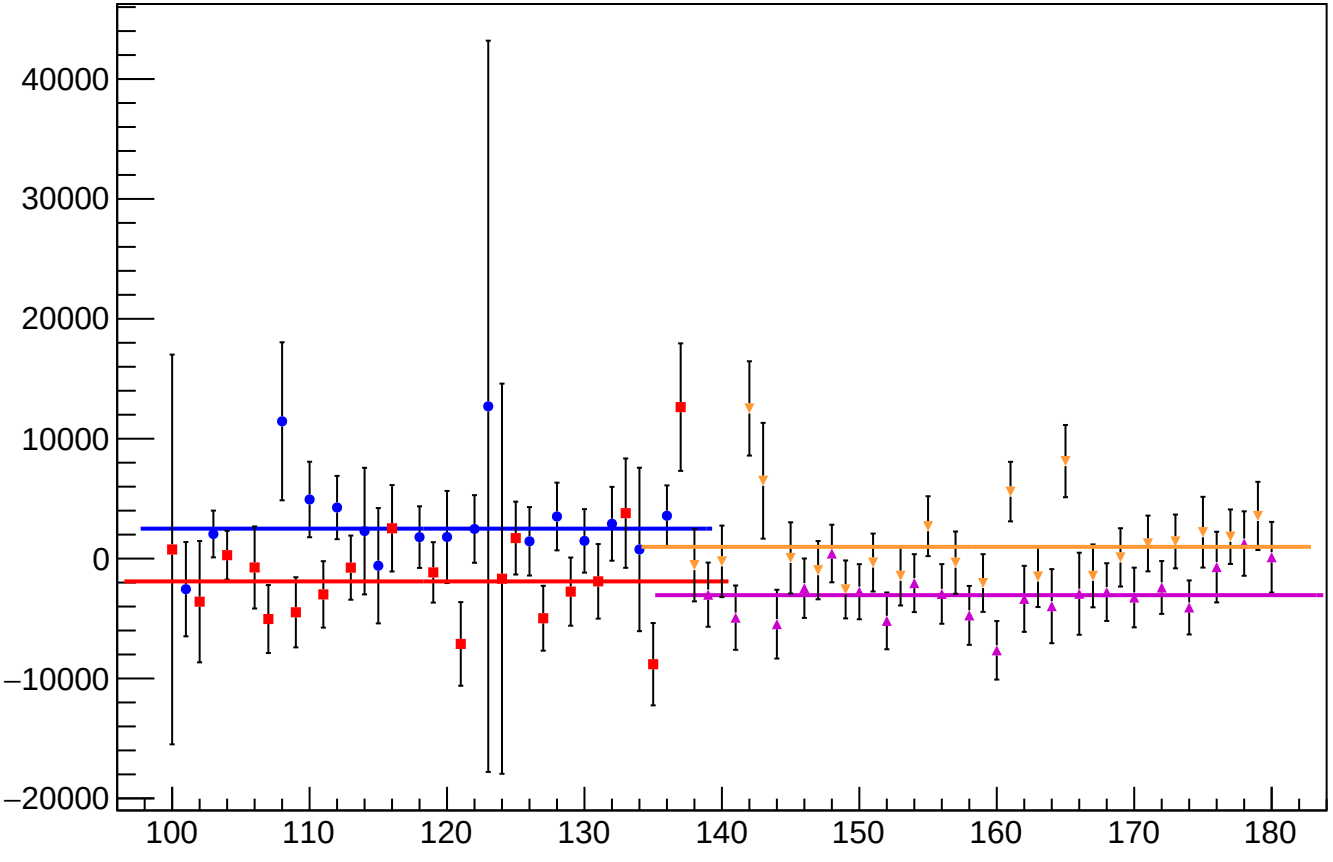
Left In: 1891.571+/-0.329 χ^2/NDF:7225.5/20

+ sign 1961.817+/-0.291 χ^2/NDF: 994288.3/38

All: 1964.469+/-0.205 χ^2/NDF: 2132405.9/78

- sign 1967.113+/-0.290 χ^2/NDF: 1137951.1/39

dit_asym_at2_avg_mean vs Slug



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

Left Out: 978.440+/-562.937 χ^2/NDF:29.0/21

Right Out: -1902.970+/-736.793 χ^2/NDF: 23.5/18

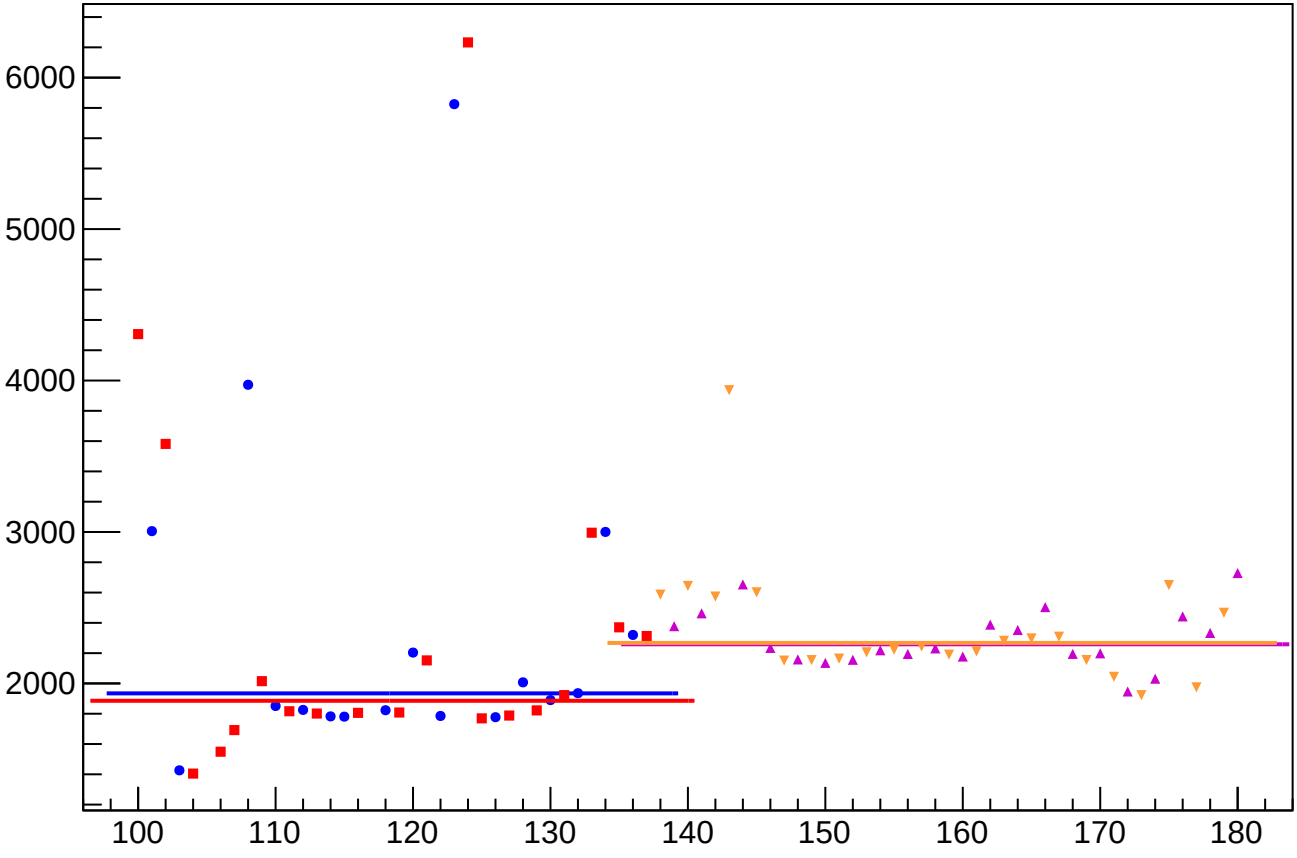
Left In: -3049.963+/-559.189 χ^2/NDF:13.1/20

+ sign 1508.774+/-454.090 χ^2/NDF: 37.4/38

All: -600.841+/-317.984 χ^2/NDF: 117.9/78

- sign -2630.755+/-445.430 χ^2/NDF: 38.1/39

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2267.482+/-0.398 χ^2/NDF:495564.4/21

Right Out: 1885.547+/-0.521 χ^2/NDF: 752091.8/18

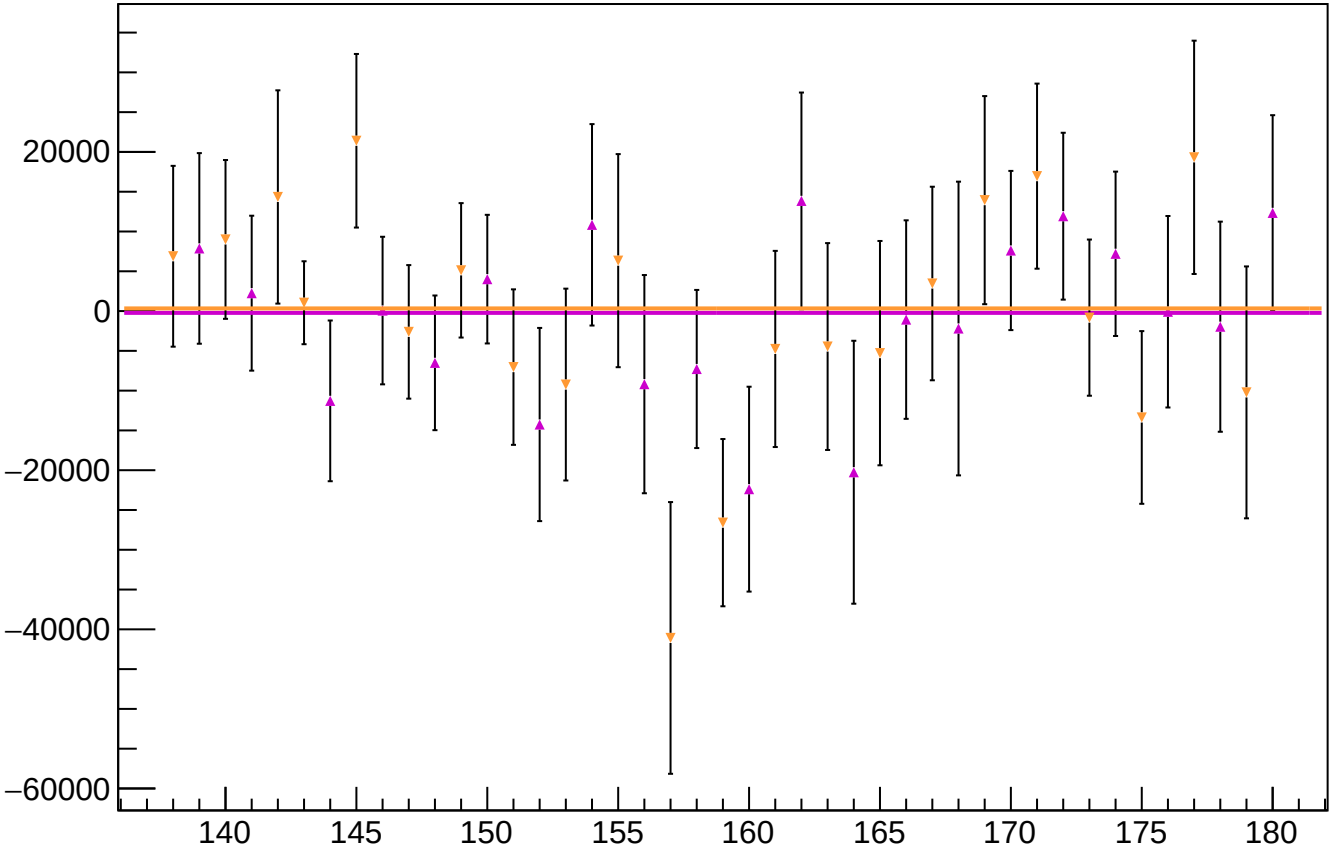
Left In: 2258.374+/-0.395 χ^2/NDF:210677.6/20

+ sign 2151.130+/-0.321 χ^2/NDF: 1379071.3/38

All: 2136.324+/-0.225 χ^2/NDF: 2671023.7/78

- sign 2122.080+/-0.315 χ^2/NDF: 1287780.7/39

asym_at2_avg_correction_mean vs Slug



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

Left Out: 334.728+/-2251.723 χ^2/NDF:27.6/21

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

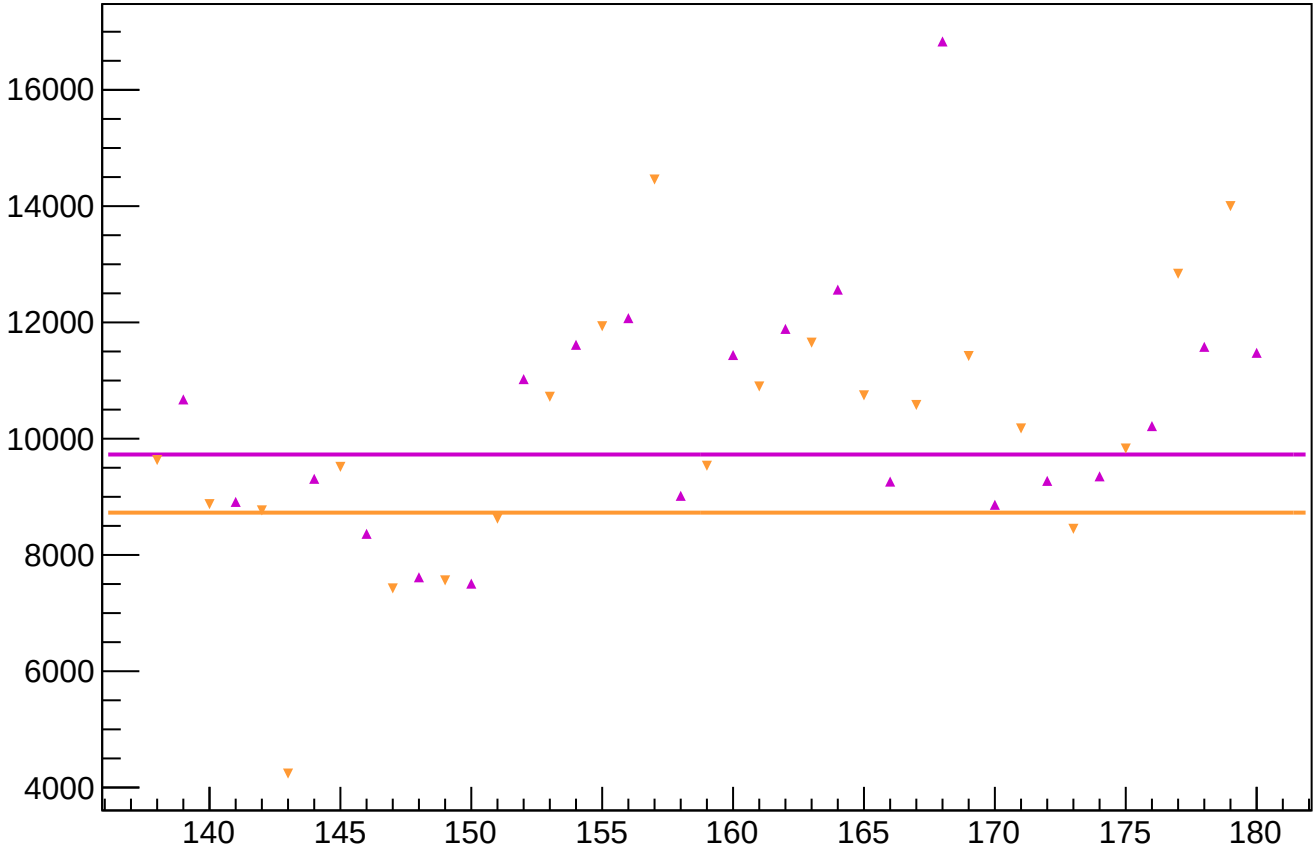
Left In: -226.455+/-2433.424 χ^2/NDF:14.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 75.868+/-1652.715 χ^2/NDF: 42.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_correction_rms vs Slug



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

Left Out: 8728.104+/-1.592 χ^2/NDF:2766925.6/21

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

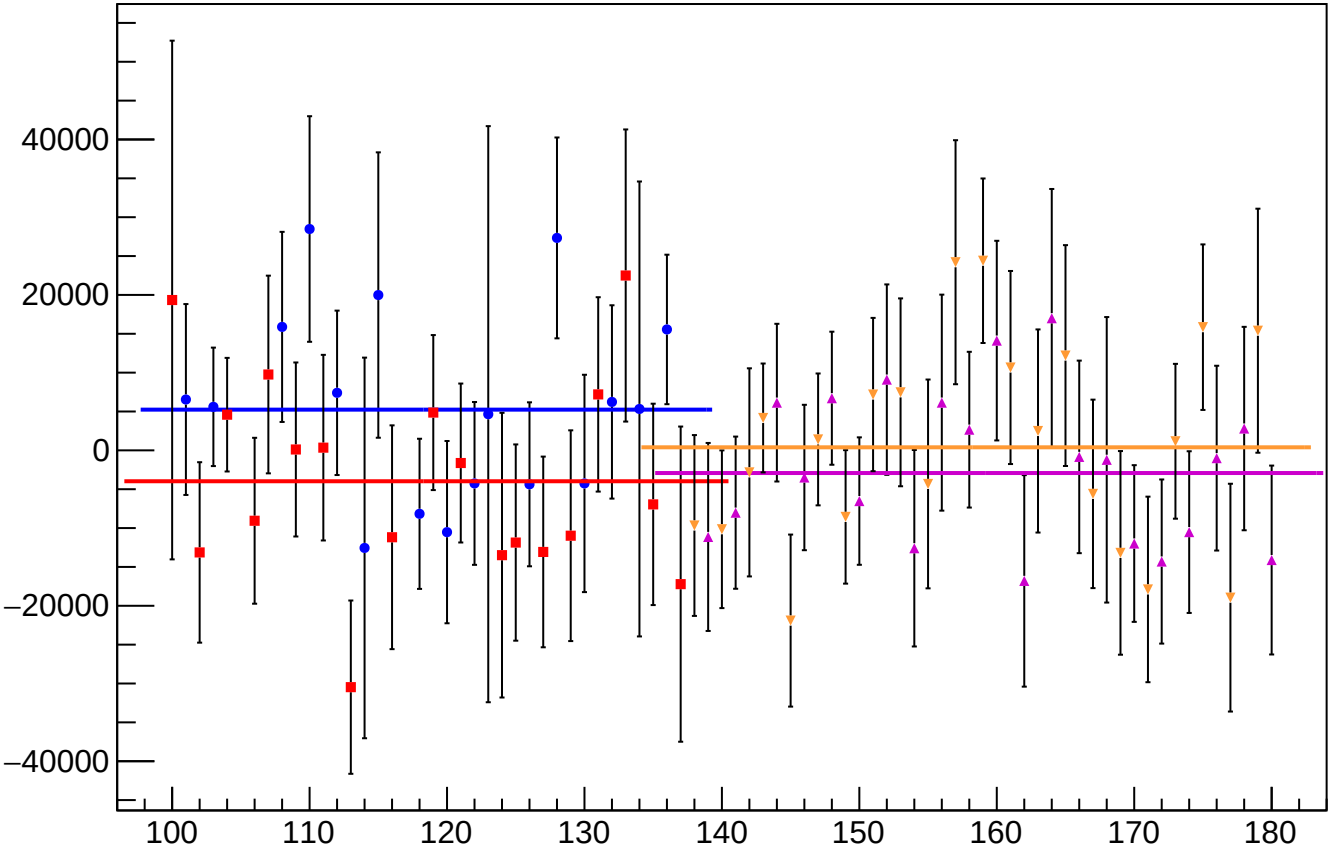
Left In: 9727.982+/-1.721 χ^2/NDF:1033191.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9189.324+/-1.169 χ^2/NDF: 3982026.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_avg_mean vs Slug



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

Left Out: 391.837+/-2364.525 χ^2/NDF:25.6/21

Right Out: -3976.061+/-2790.421 χ^2/NDF: 15.6/18

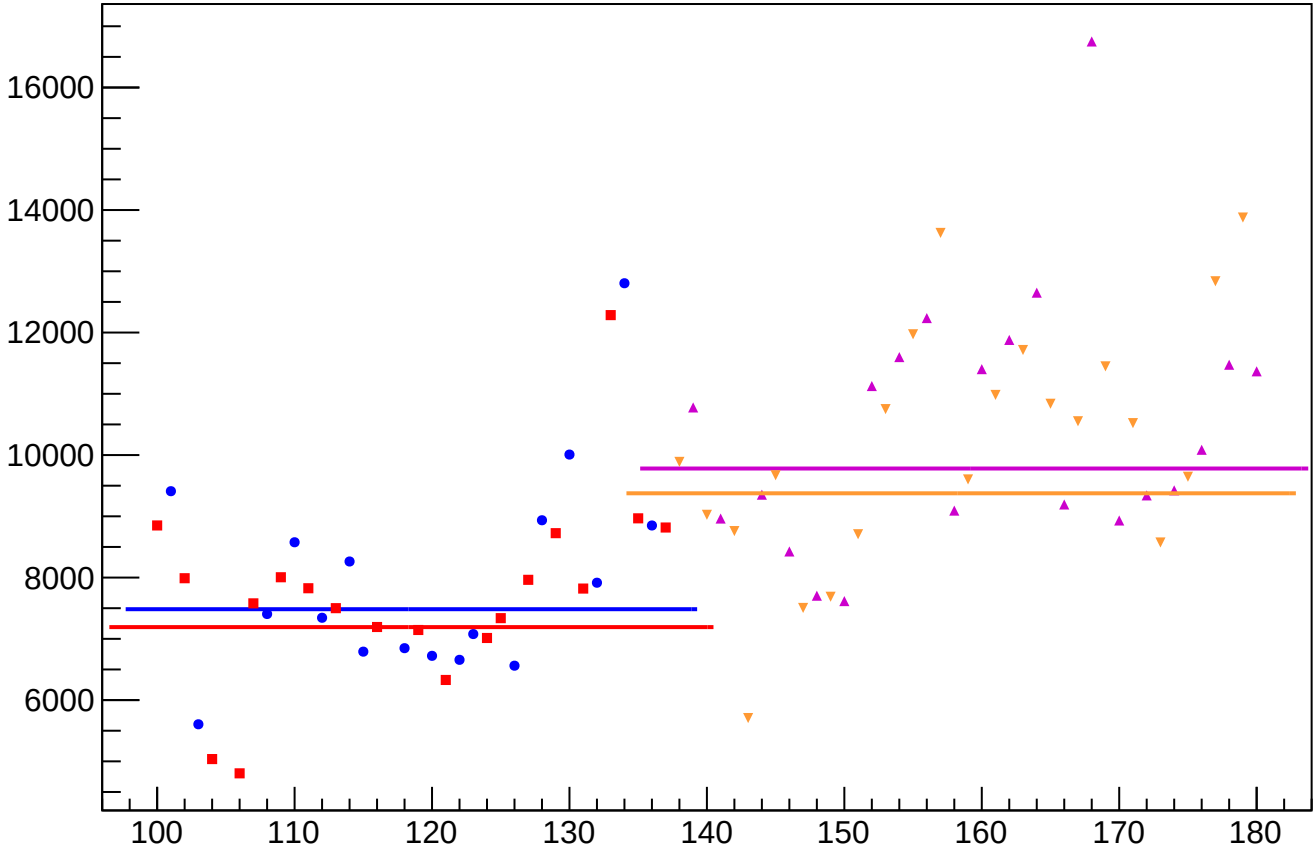
Left In: -2917.164+/-2444.965 χ^2/NDF:13.1/20

+ sign 2290.664+/-1844.063 χ^2/NDF: 41.7/38

All: -551.089+/-1302.131 χ^2/NDF: 75.2/78

- sign -3377.045+/-1838.931 χ^2/NDF: 28.8/39

asym_at2_avg_rms vs Slug



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

Left Out: 9375.845+/-1.672 χ^2/NDF:1488492.7/21

Right Out: 7191.451+/-1.973 χ^2/NDF: 558753.1/18

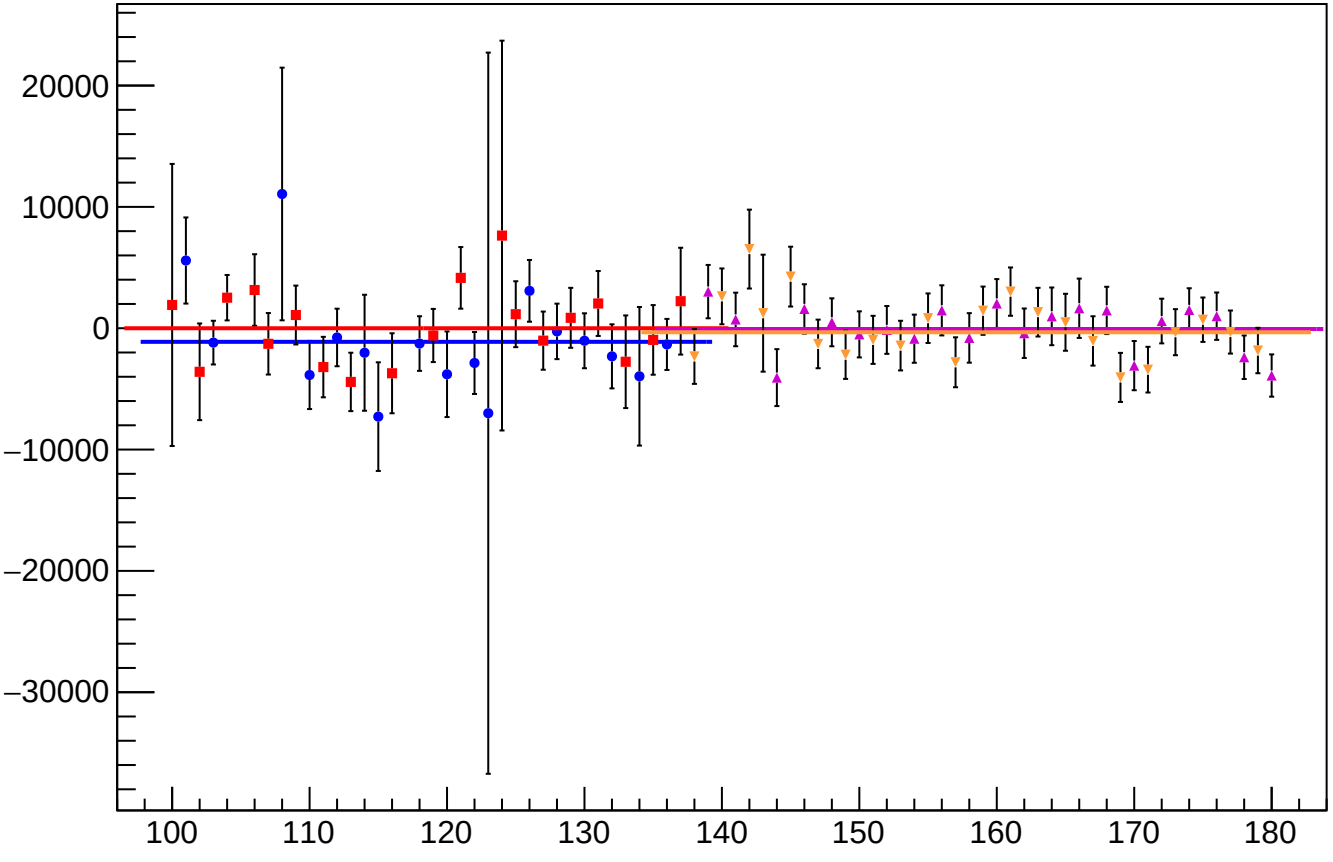
Left In: 9780.342+/-1.729 χ^2/NDF:987972.3/20

+ sign 8634.559+/-1.304 χ^2/NDF: 2422020.4/38

All: 8645.219+/-0.921 χ^2/NDF: 4942895.1/78

- sign 8655.820+/-1.300 χ^2/NDF: 2520741.4/39

dit_asym_at2_dd_mean vs Slug



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

Left Out: -332.387+/-445.469 χ^2/NDF:25.3/21

Right Out: -2.515+/-639.678 χ^2/NDF: 15.5/18

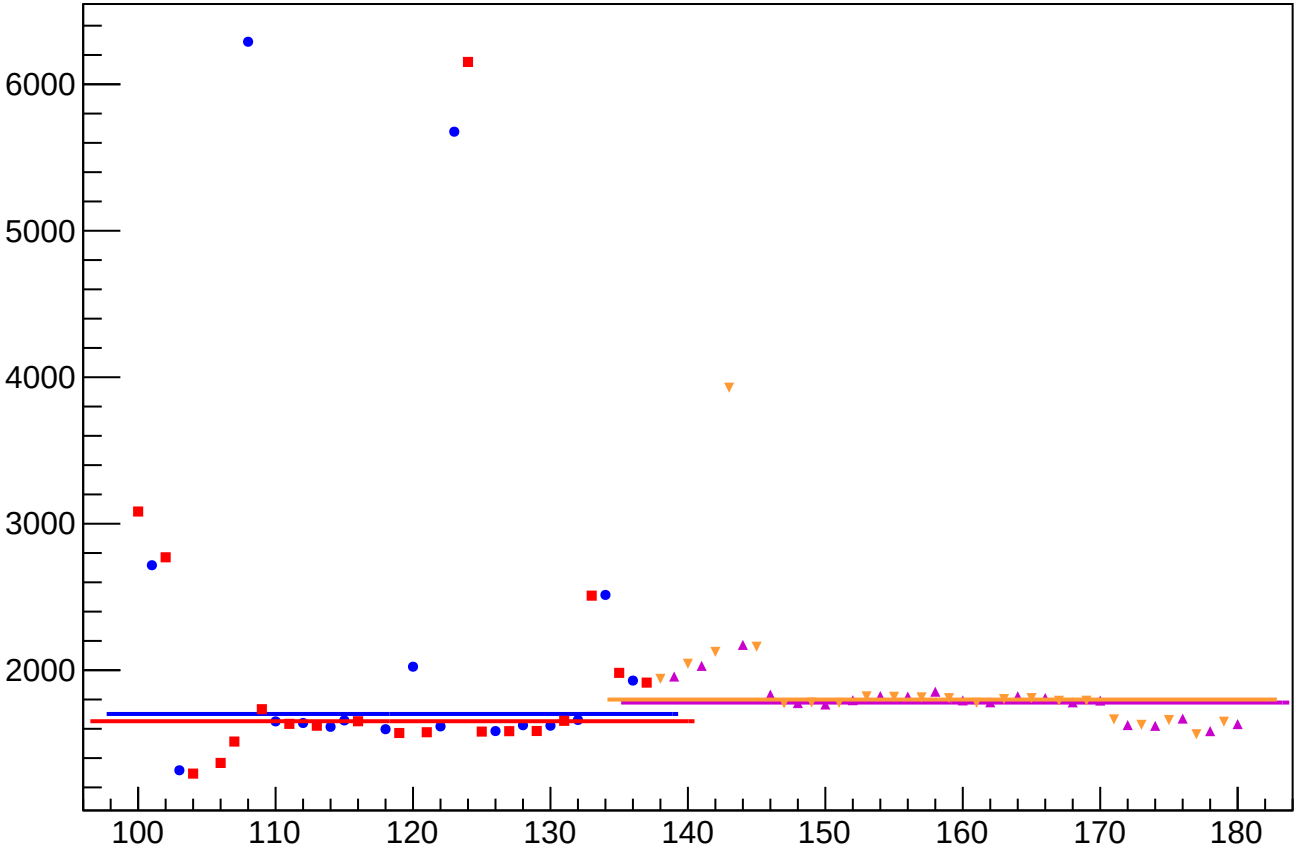
Left In: -63.703+/-438.393 χ^2/NDF:19.0/20

+ sign -569.455+/-372.492 χ^2/NDF: 38.5/38

All: -299.024+/-259.462 χ^2/NDF: 74.0/78

- sign -44.148+/-361.620 χ^2/NDF: 34.5/39

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1799.625+/-0.315 χ^2/NDF:572169.3/21

Right Out: 1651.734+/-0.452 χ^2/NDF: 588842.2/18

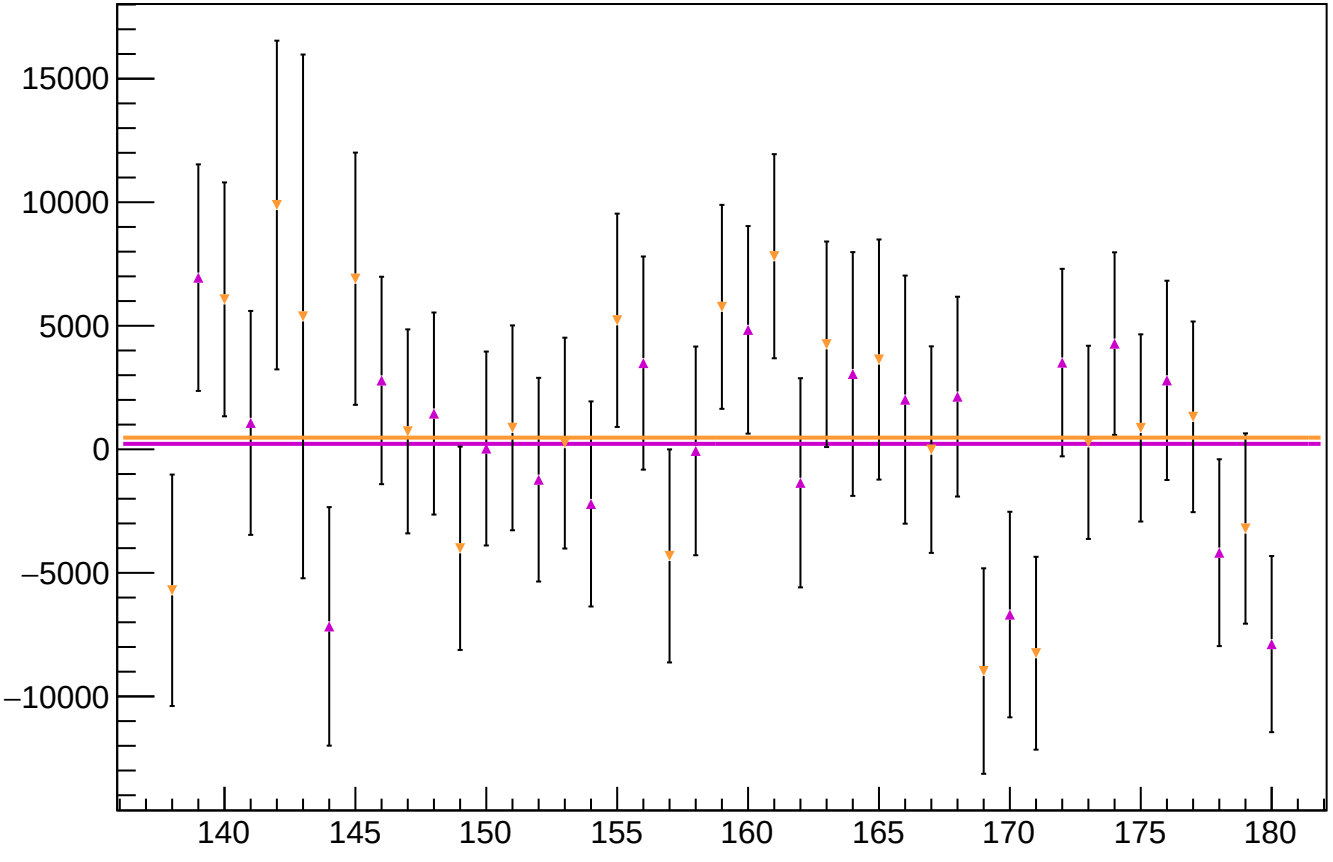
Left In: 1779.060+/-0.310 χ^2/NDF:176208.1/20

+ sign 1770.043+/-0.263 χ^2/NDF: 1380208.1/38

All: 1753.737+/-0.183 χ^2/NDF: 2206619.3/78

- sign 1738.369+/-0.256 χ^2/NDF: 818966.4/39

asym_at2_dd_correction_mean vs Slug



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

Left Out: 472.919+/-925.951 χ^2/NDF:27.8/21

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

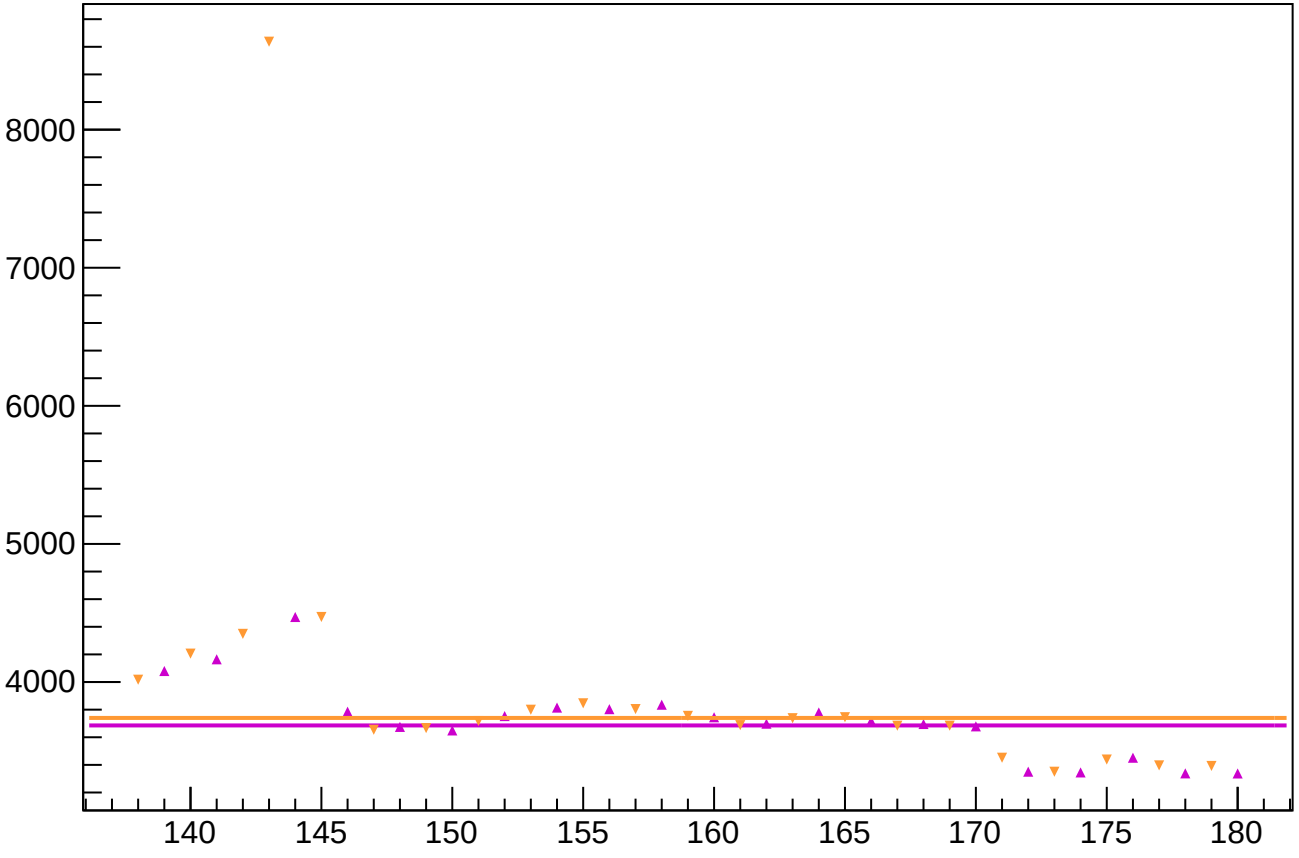
Left In: 221.359+/-908.140 χ^2/NDF:19.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 344.696+/-648.357 χ^2/NDF: 47.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_correction_rms vs Slug



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

Left Out: 3740.002+/-0.655 χ^2/NDF:591391.7/21

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

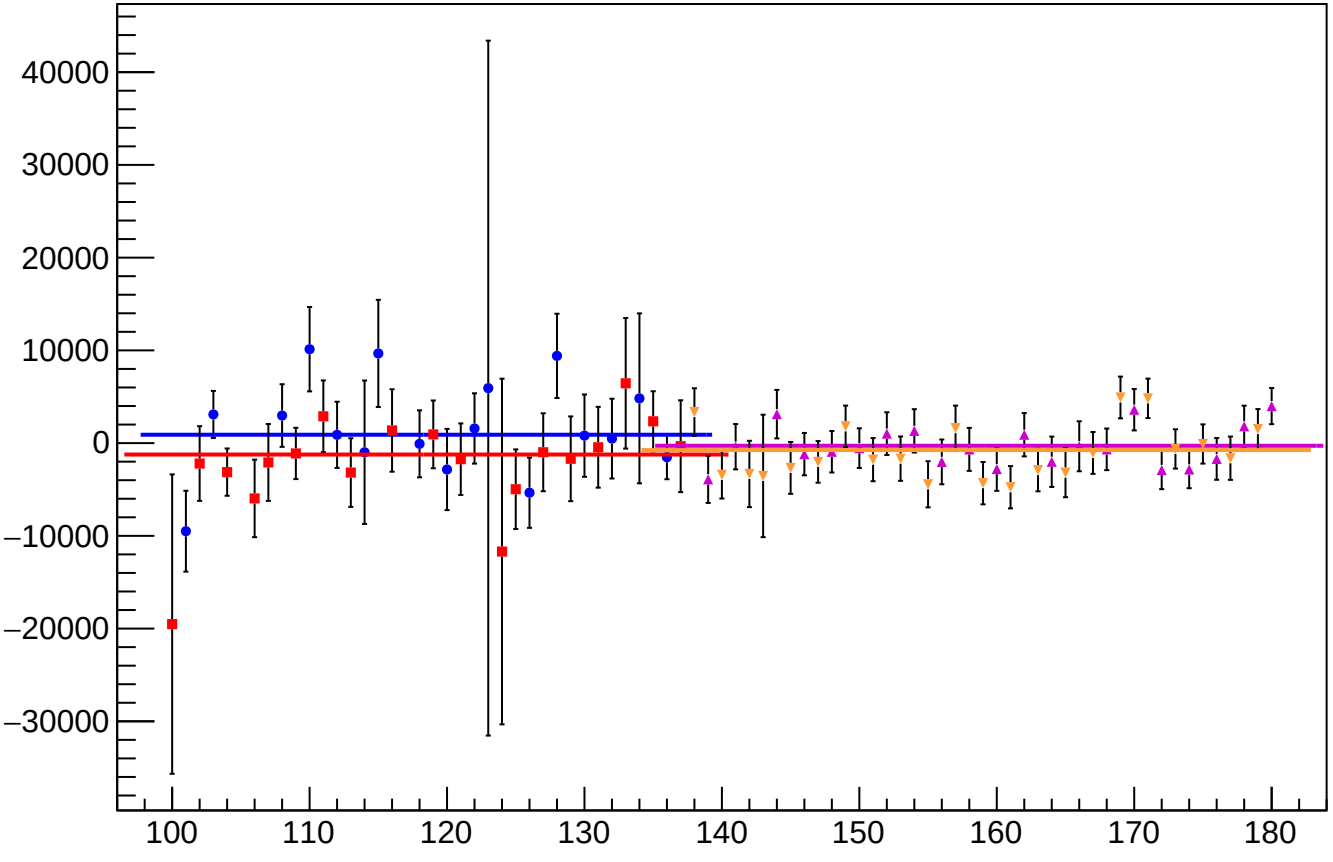
Left In: 3685.648+/-0.642 χ^2/NDF:174258.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3712.297+/-0.458 χ^2/NDF: 769162.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at2_dd_mean vs Slug



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

Left Out: -750.501+/-512.896 χ^2/NDF:31.8/21

Right Out: -1231.015+/-925.029 χ^2/NDF: 8.9/18

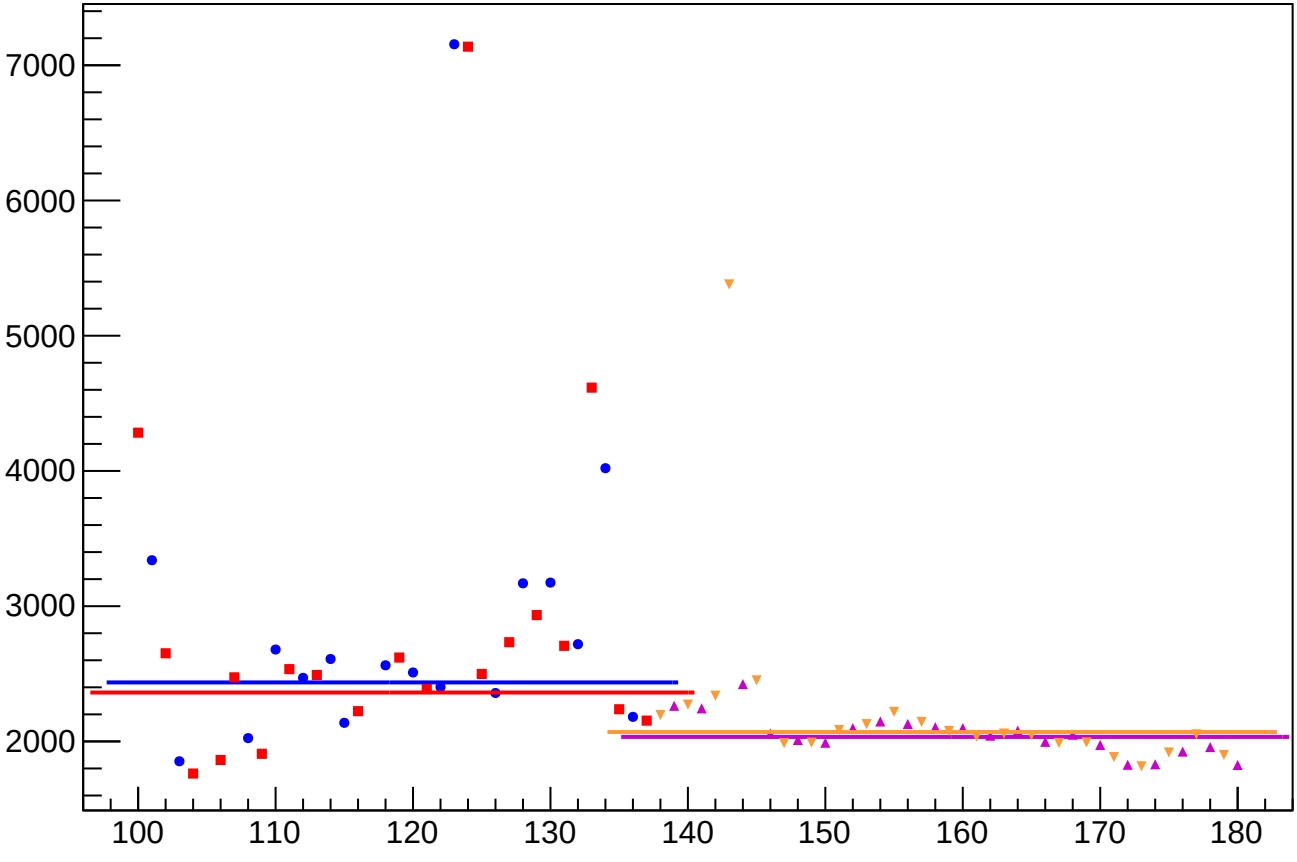
Left In: -286.364+/-500.880 χ^2/NDF:19.5/20

+ sign -384.408+/-452.580 χ^2/NDF: 55.7/38

All: -444.048+/-315.649 χ^2/NDF: 84.9/78

- sign -500.536+/-440.455 χ^2/NDF: 29.2/39

asym_at2_dd_rms vs Slug



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

Left Out: 2069.662+/-0.363 χ^2/NDF:656197.6/21

Right Out: 2361.558+/-0.654 χ^2/NDF: 655845.9/18

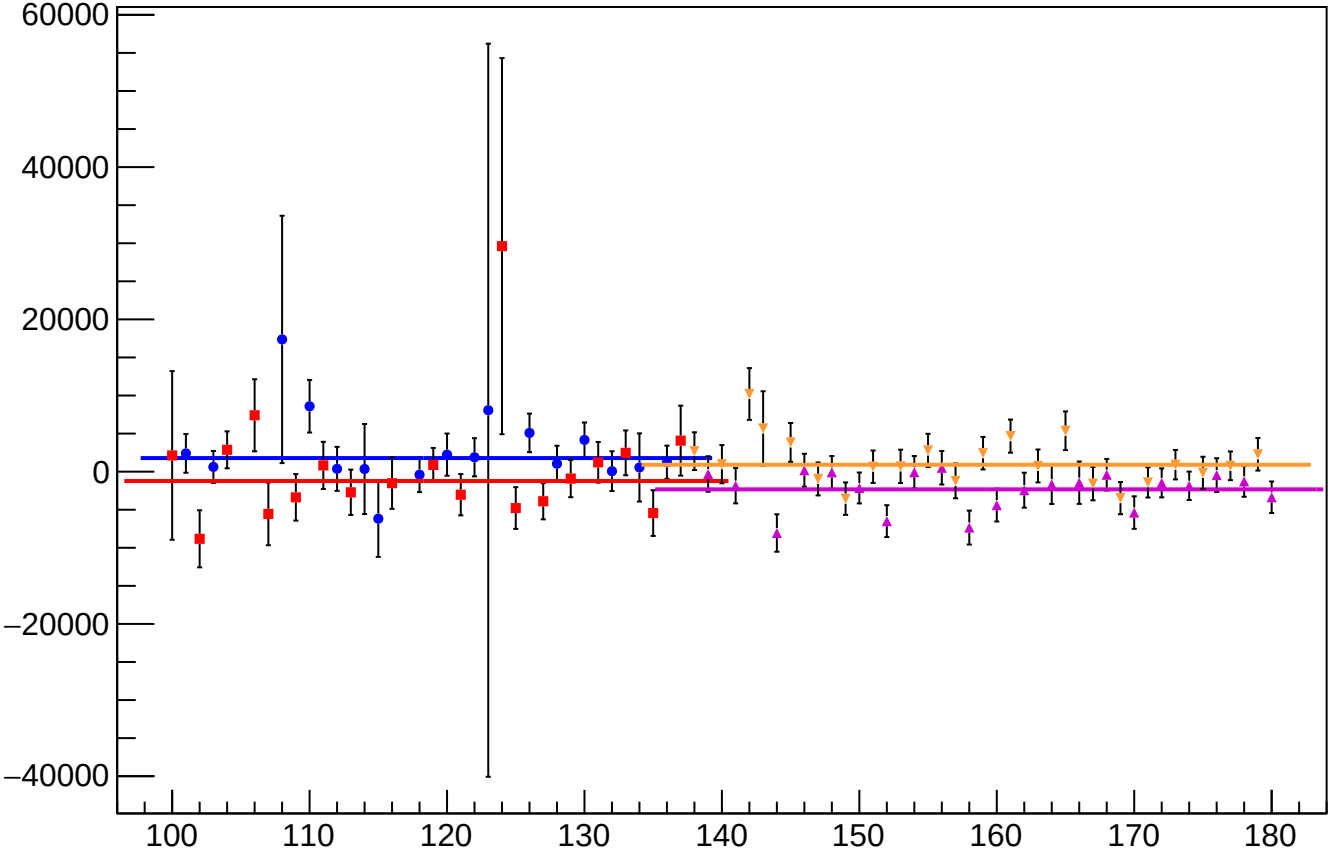
Left In: 2033.170+/-0.354 χ^2/NDF:161967.0/20

+ sign 2150.814+/-0.320 χ^2/NDF: 1350933.0/38

All: 2128.633+/-0.223 χ^2/NDF: 2373009.8/78

- sign 2107.623+/-0.311 χ^2/NDF: 1012722.2/39

dit_asym_atl_avg_mean vs Slug



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

Left Out: 902.601+/-479.640 χ^2/NDF:31.2/21

Right Out: -1229.293+/-708.144 χ^2/NDF: 24.2/18

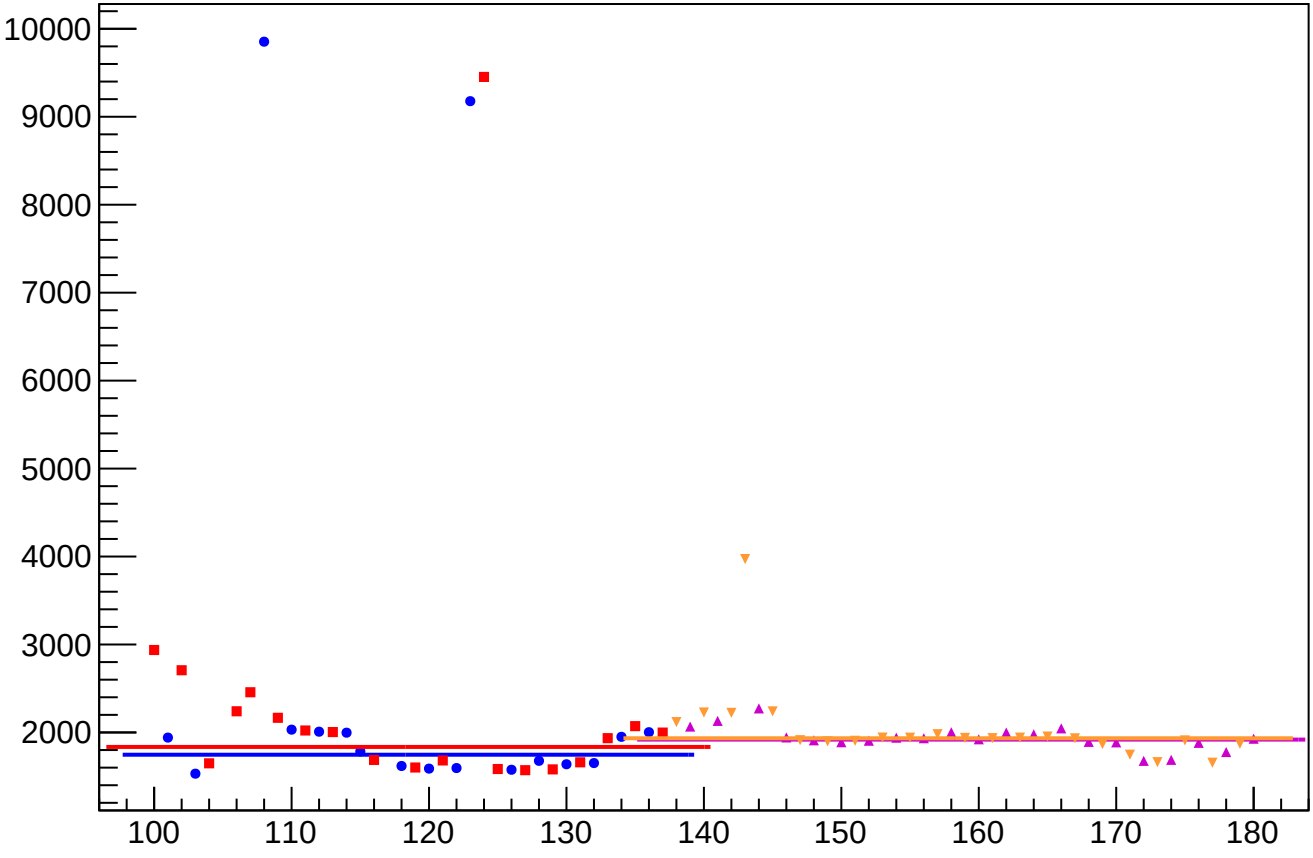
Left In: -2325.193+/-474.006 χ^2/NDF:26.0/20

+ sign 1187.130+/-394.649 χ^2/NDF: 44.7/38

All: -402.478+/-278.796 χ^2/NDF: 129.0/78

- sign -1986.105+/-393.906 χ^2/NDF: 51.9/39

dit_asym_atl_avg_rms vs Slug



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

Left Out: 1933.864+/-0.339 χ^2/NDF:535365.6/21

Right Out: 1835.413+/-0.500 χ^2/NDF: 550402.9/18

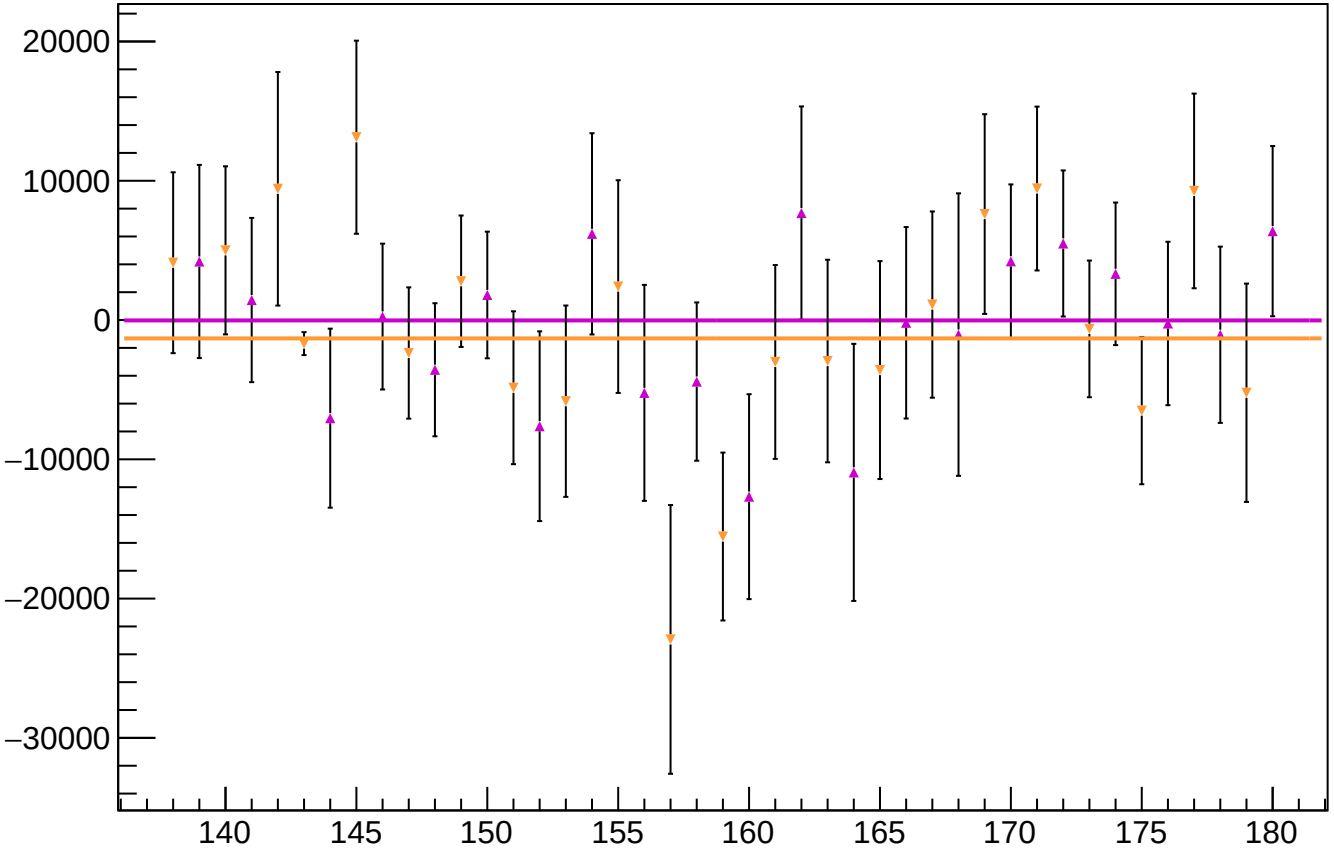
Left In: 1918.837+/-0.335 χ^2/NDF:151849.8/20

+ sign 1873.455+/-0.279 χ^2/NDF: 1316072.6/38

All: 1883.240+/-0.197 χ^2/NDF: 2039979.1/78

- sign 1892.982+/-0.278 χ^2/NDF: 721452.8/39

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1317.402+/-707.407 χ^2/NDF:29.2/21

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

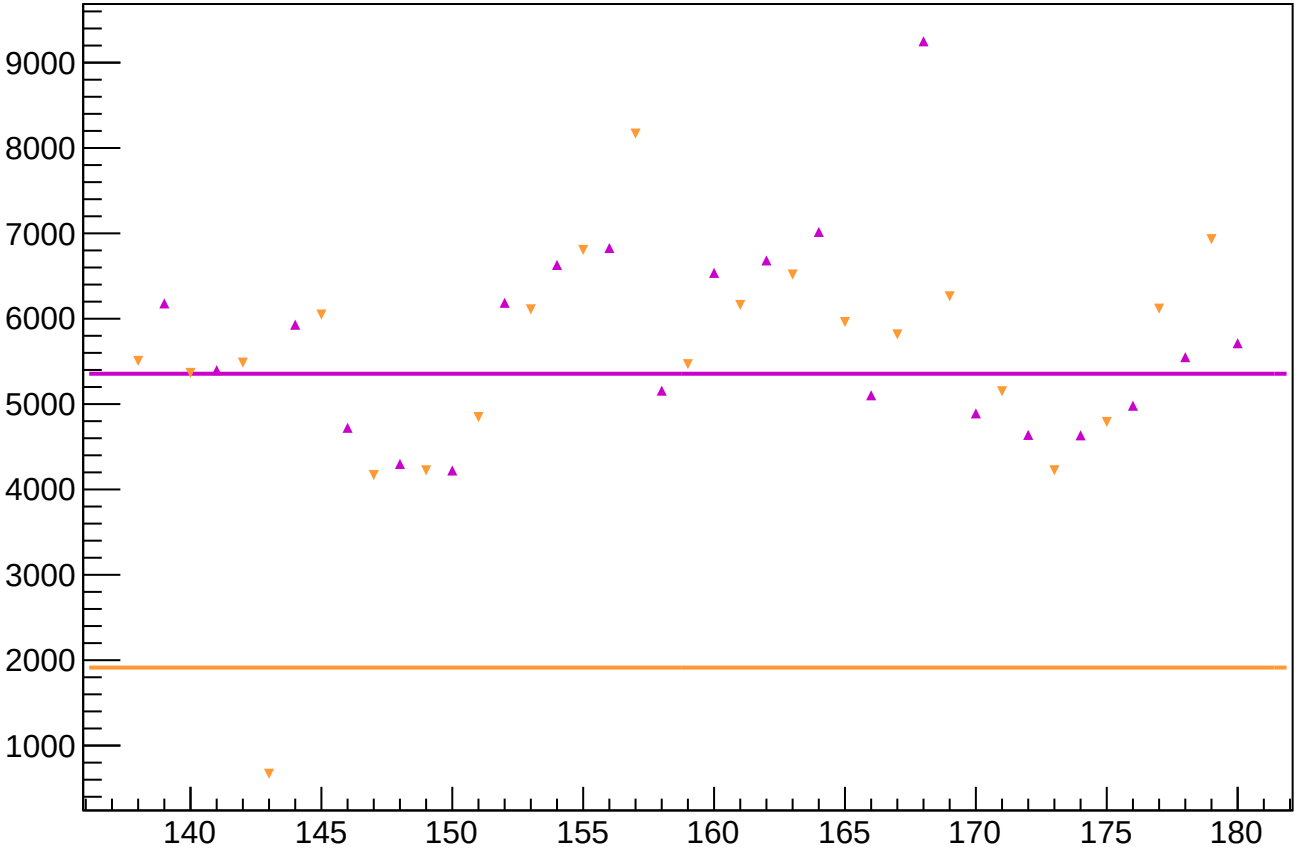
Left In: -26.758+/-1339.822 χ^2/NDF:14.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1036.044+/-625.566 χ^2/NDF: 43.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_correction_rms vs Slug



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

Left Out: 1913.468+/-0.500 χ^2/NDF:18191019.6/21

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

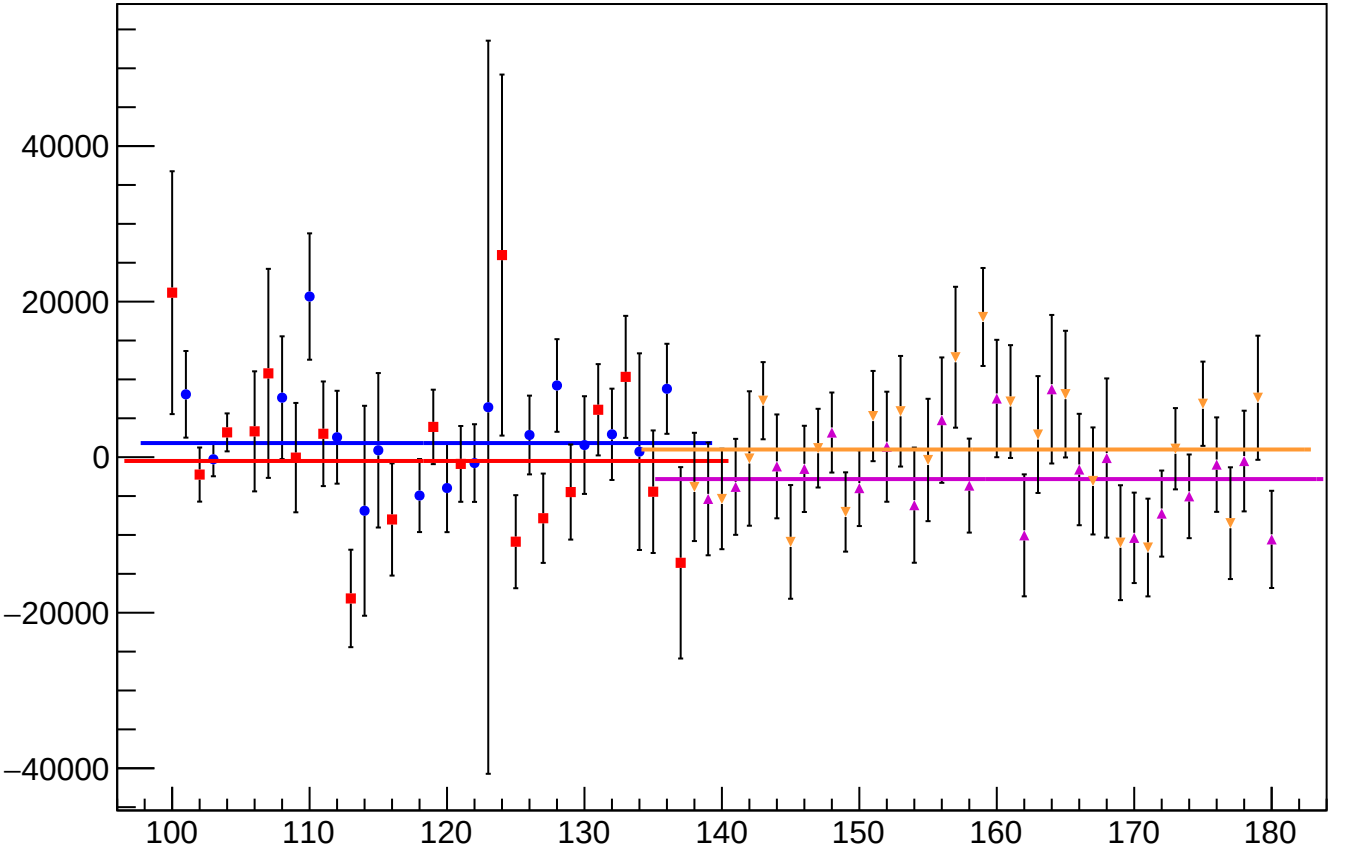
Left In: 5355.508+/-0.947 χ^2/NDF:1044510.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2663.825+/-0.442 χ^2/NDF: 29557806.3/4

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_mean vs Slug



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

Left Out: 986.800+/-1386.414 χ^2/NDF:30.4/21

Right Out: -488.360+/-1286.073 χ^2/NDF: 26.5/18

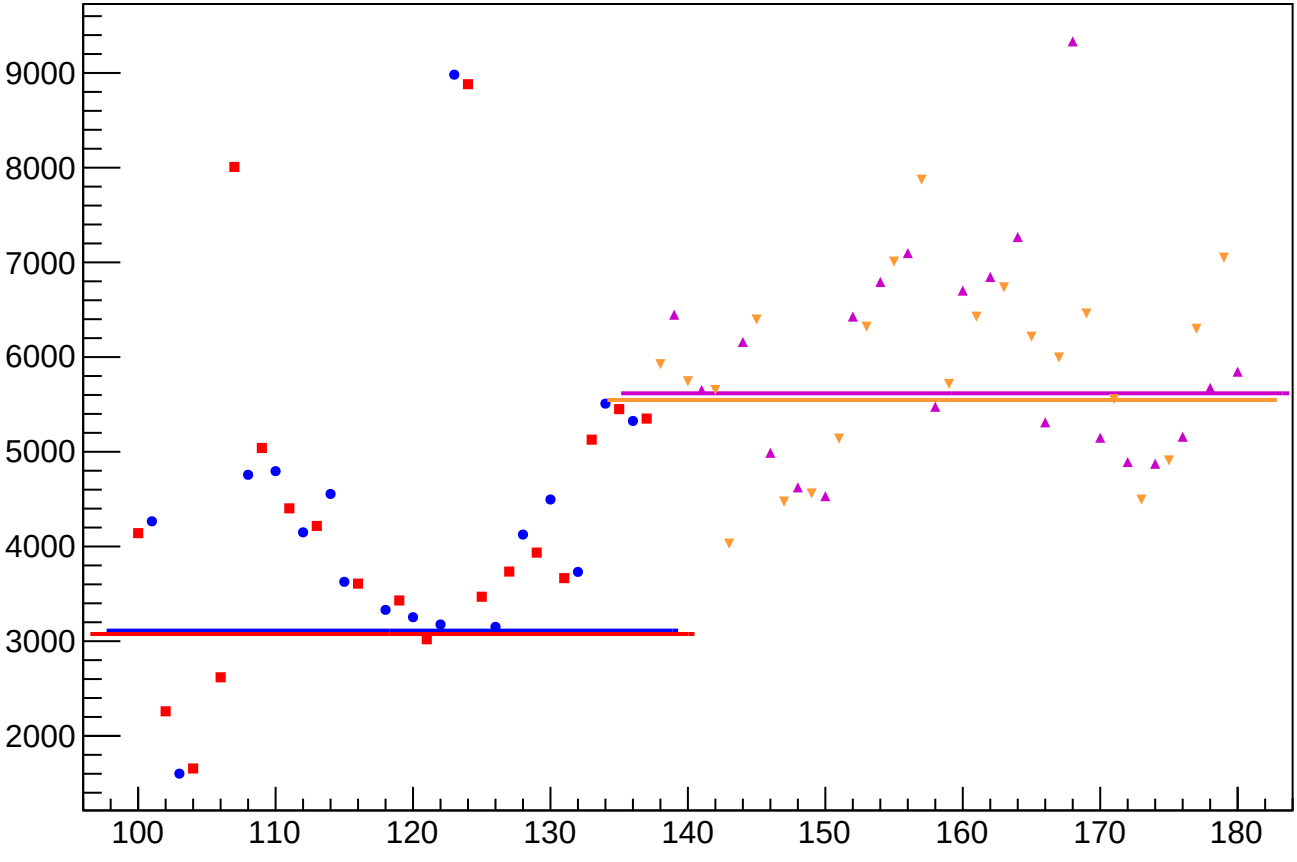
Left In: -2816.682+/-1402.708 χ^2/NDF:11.7/20

+ sign 1426.708+/-948.826 χ^2/NDF: 45.6/38

All: -63.882+/-670.611 χ^2/NDF: 90.2/78

- sign -1551.711+/-947.948 χ^2/NDF: 39.7/39

asym_atl_avg_rms vs Slug



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

Left Out: 5546.786+/-0.980 χ^2/NDF:956642.0/21

Right Out: 3075.800+/-0.896 χ^2/NDF: 2009557.4/18

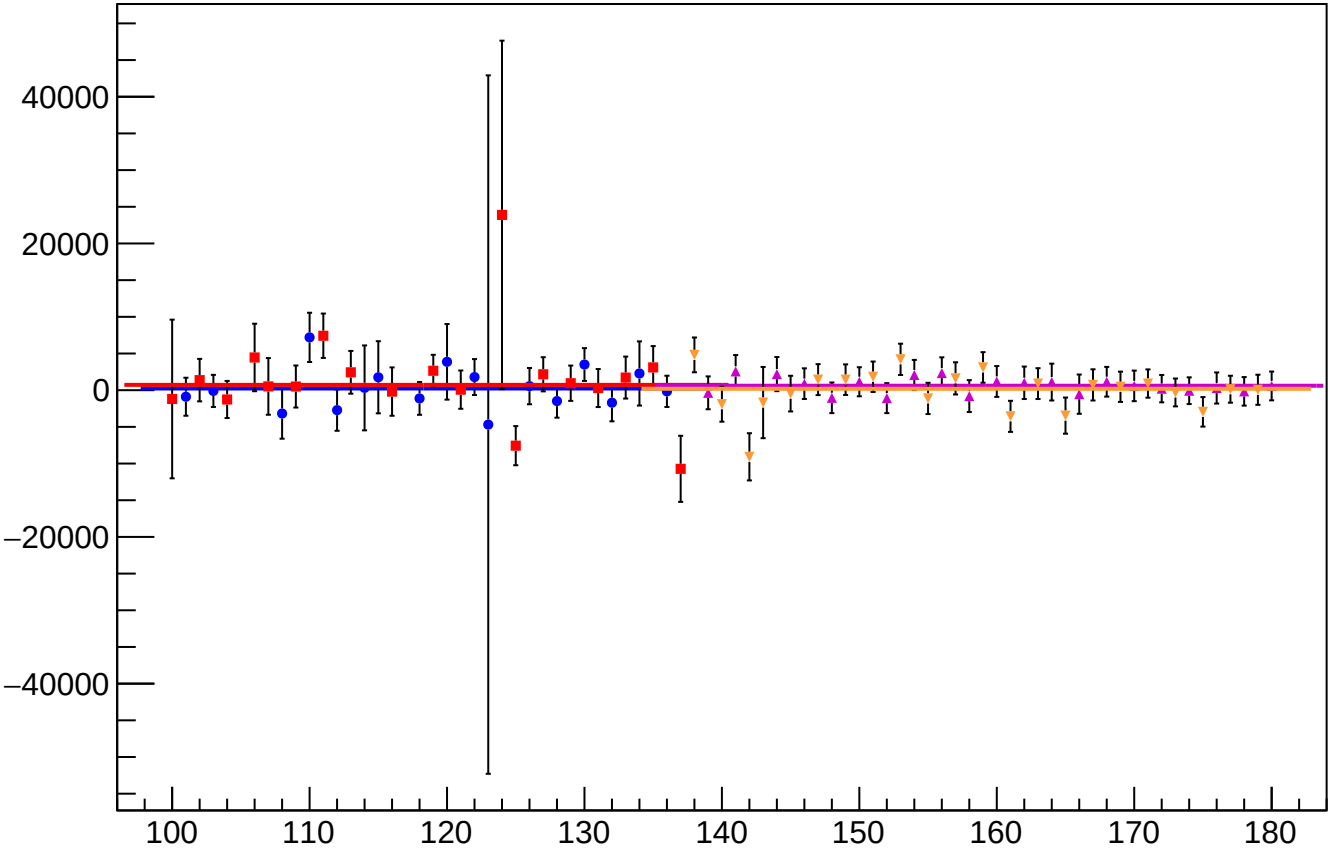
Left In: 5617.519+/-0.992 χ^2/NDF:901380.5/20

+ sign 4252.137+/-0.671 χ^2/NDF: 6116098.3/38

All: 4235.040+/-0.472 χ^2/NDF: 12643465.1/7

- sign 4218.246+/-0.665 χ^2/NDF: 6526079.6/39

dit_asym_atl_dd_mean vs Slug



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

Left Out: 192.726+/-464.870 χ^2/NDF:28.9/21

Right Out: 726.169+/-684.175 χ^2/NDF: 25.8/18

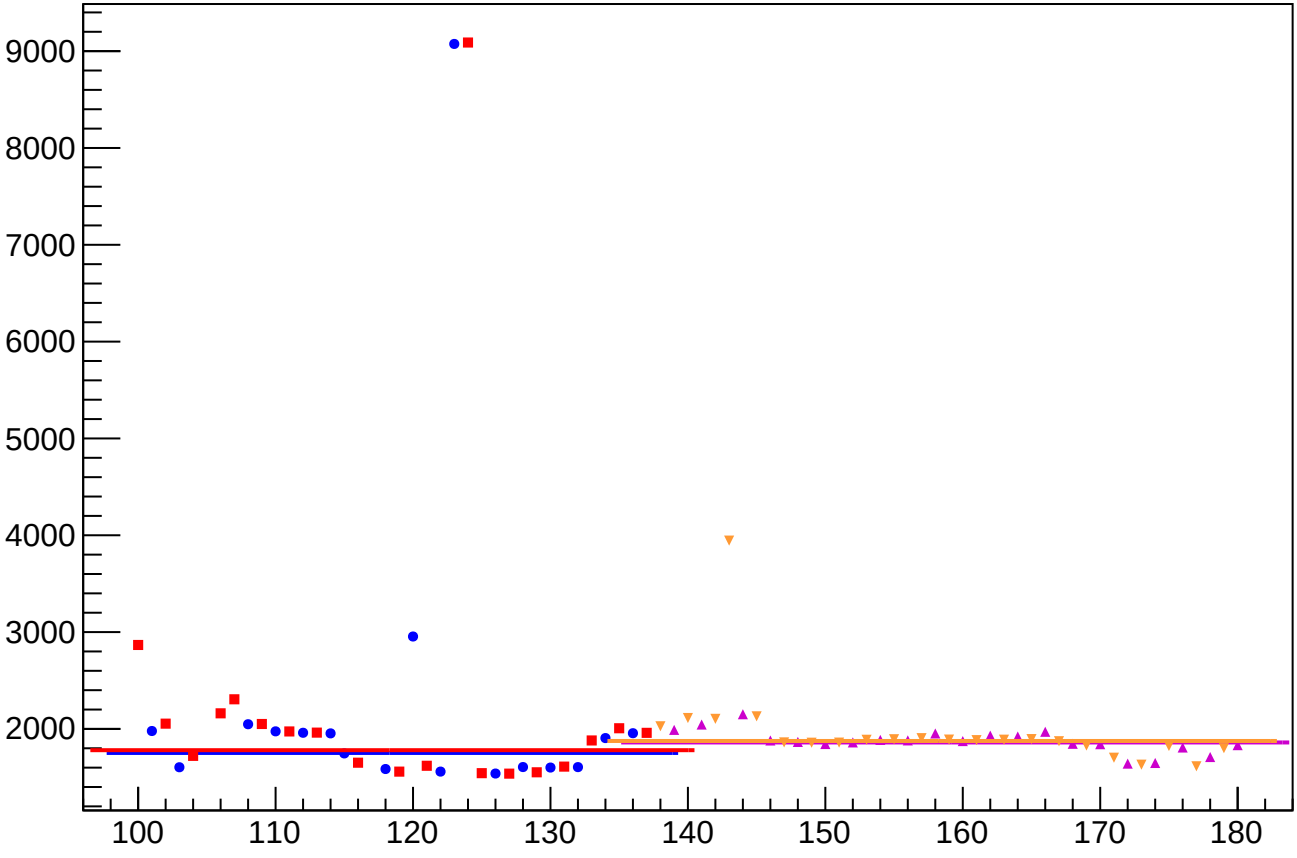
Left In: 607.974+/-459.182 χ^2/NDF:5.2/20

+ sign 205.167+/-384.972 χ^2/NDF: 40.5/38

All: 427.046+/-270.899 χ^2/NDF: 72.1/78

- sign 644.680+/-381.272 χ^2/NDF: 31.0/39

dit_asym_atl_dd_rms vs Slug



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

Left Out: 1875.424+/-0.329 χ^2/NDF:519398.0/21

Right Out: 1780.209+/-0.483 χ^2/NDF: 428327.5/18

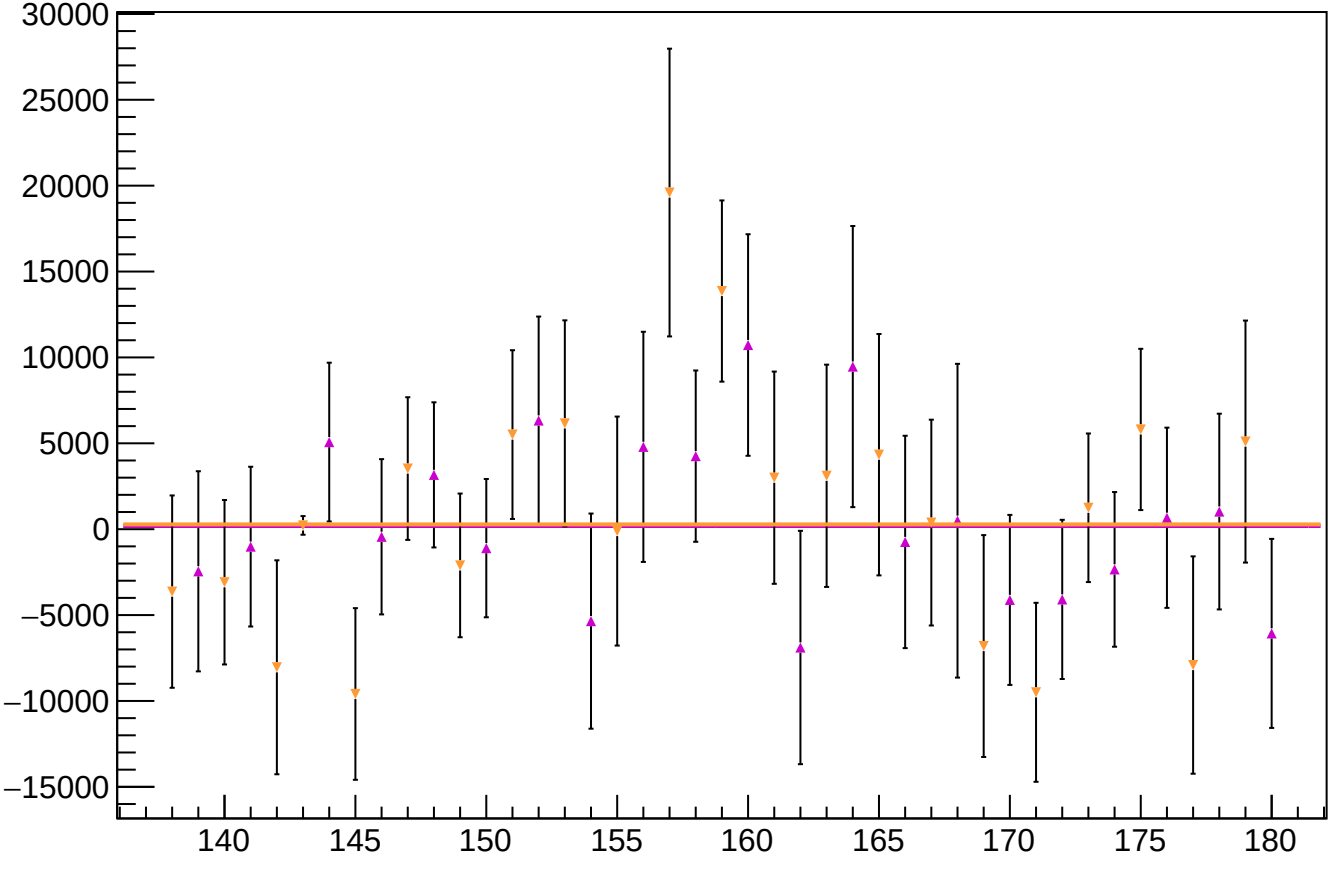
Left In: 1860.068+/-0.325 χ^2/NDF:131532.9/20

+ sign 1836.596+/-0.272 χ^2/NDF: 864701.2/38

All: 1835.898+/-0.192 χ^2/NDF: 1443402.3/78

- sign 1835.213+/-0.269 χ^2/NDF: 578688.1/39

asym_atl_dd_correction_mean vs Slug



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

Left Out: 277.982+/-494.229 χ^2/NDF:30.7/21

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

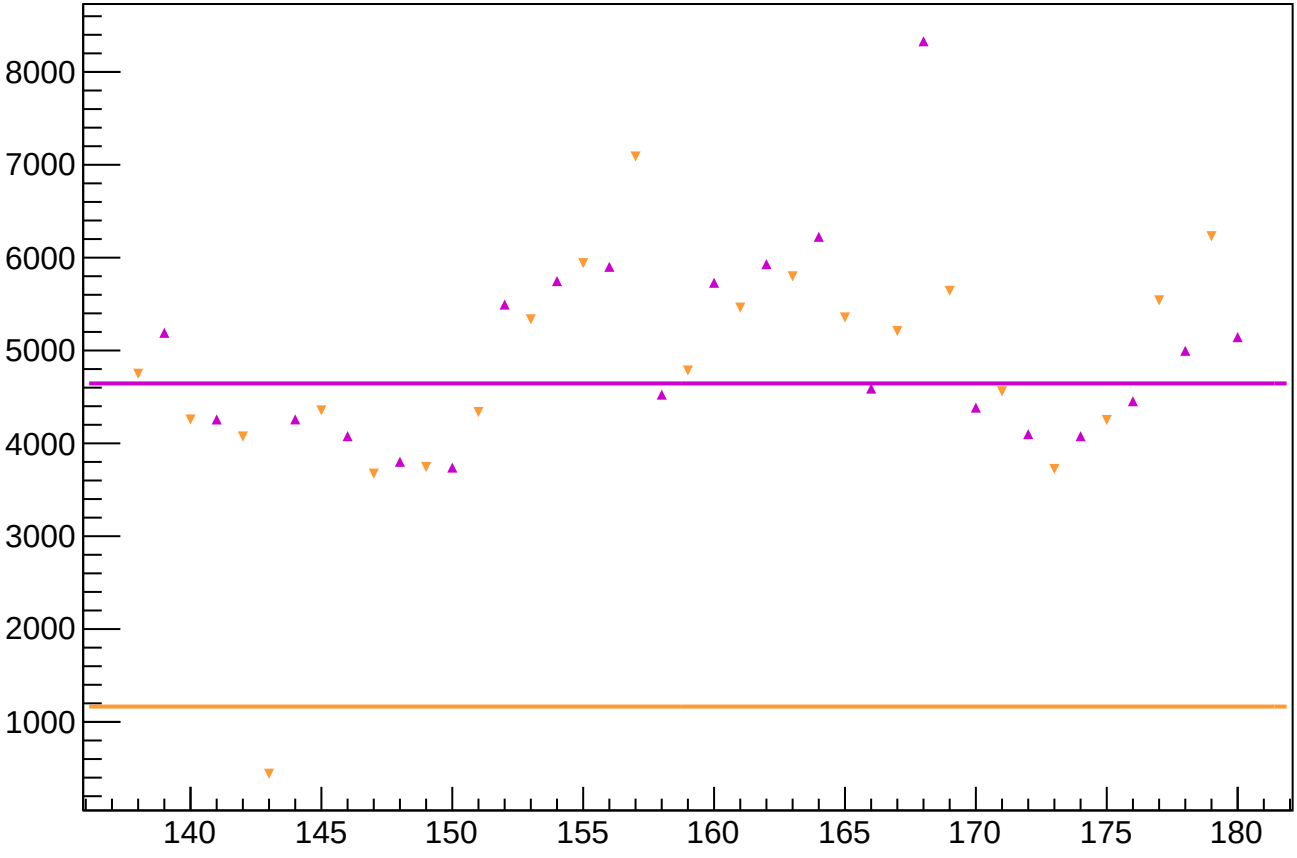
Left In: 186.181+/-1162.306 χ^2/NDF:13.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 263.925+/-454.819 χ^2/NDF: 44.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_correction_rms vs Slug



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

Left Out: 1165.517+/-0.349 χ^2/NDF:21698565.7/21

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

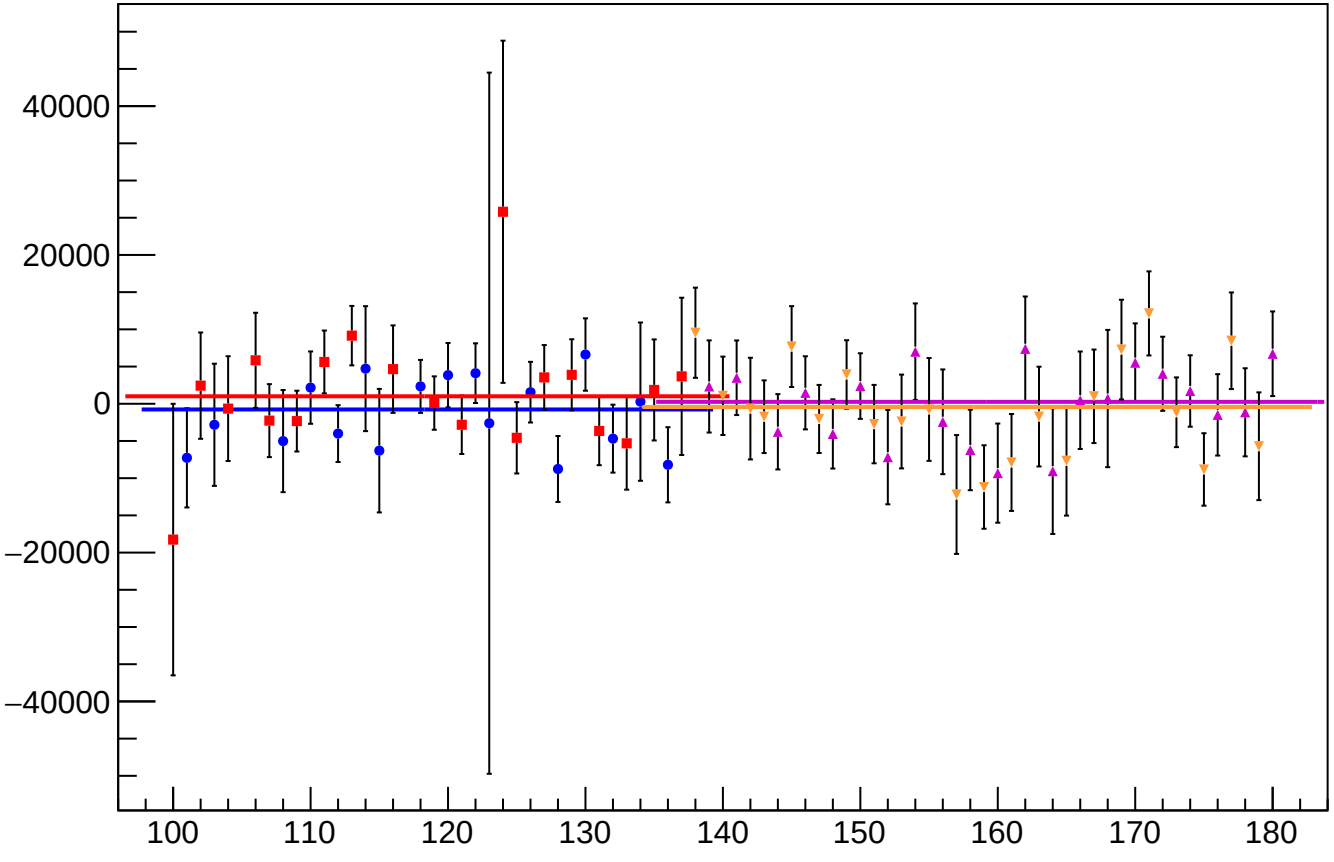
Left In: 4645.351+/-0.822 χ^2/NDF:1051122.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1698.354+/-0.322 χ^2/NDF: 37931613.2/4

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_mean vs Slug



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

Left Out: -440.829+/-1231.957 χ^2/NDF:26.3/21

Right Out: 1004.792+/-1191.116 χ^2/NDF: 15.0/18

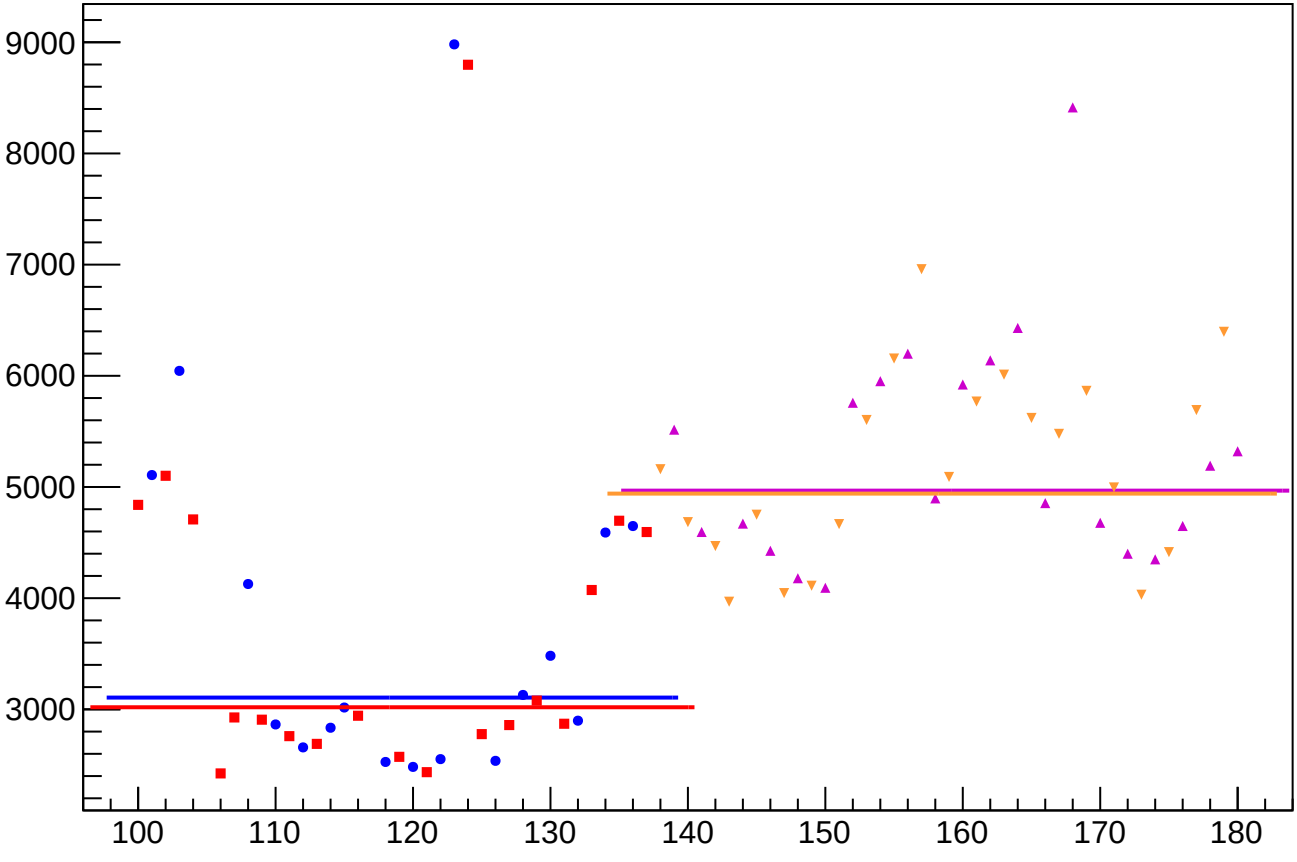
Left In: 257.318+/-1238.981 χ^2/NDF:13.8/20

+ sign -600.909+/-876.639 χ^2/NDF: 41.9/38

All: 35.340+/-613.426 χ^2/NDF: 71.9/78

- sign 645.772+/-858.669 χ^2/NDF: 29.0/39

asym_atl_dd_rms vs Slug



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

Left Out: 4940.437+/-0.871 χ^2/NDF:818175.0/21

Right Out: 3018.781+/-0.832 χ^2/NDF: 794275.0/18

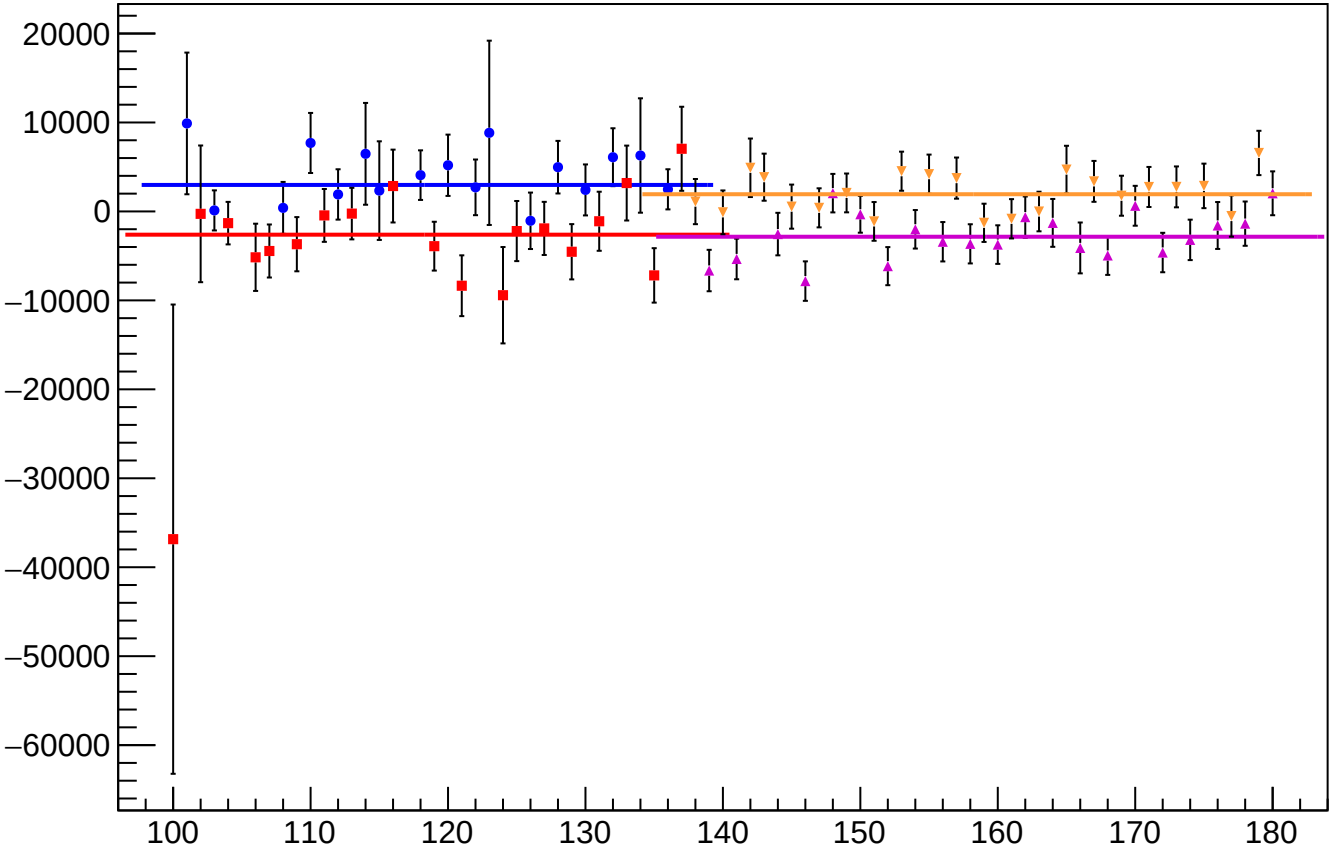
Left In: 4967.153+/-0.876 χ^2/NDF:851571.7/20

+ sign 4034.789+/-0.620 χ^2/NDF: 3967462.5/38

All: 3987.347+/-0.432 χ^2/NDF: 8225964.0/78

- sign 3942.422+/-0.603 χ^2/NDF: 4247097.0/39

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1933.751+/-500.627 χ^2/NDF:19.0/21

Right Out: -2613.881+/-783.228 χ^2/NDF: 19.6/18

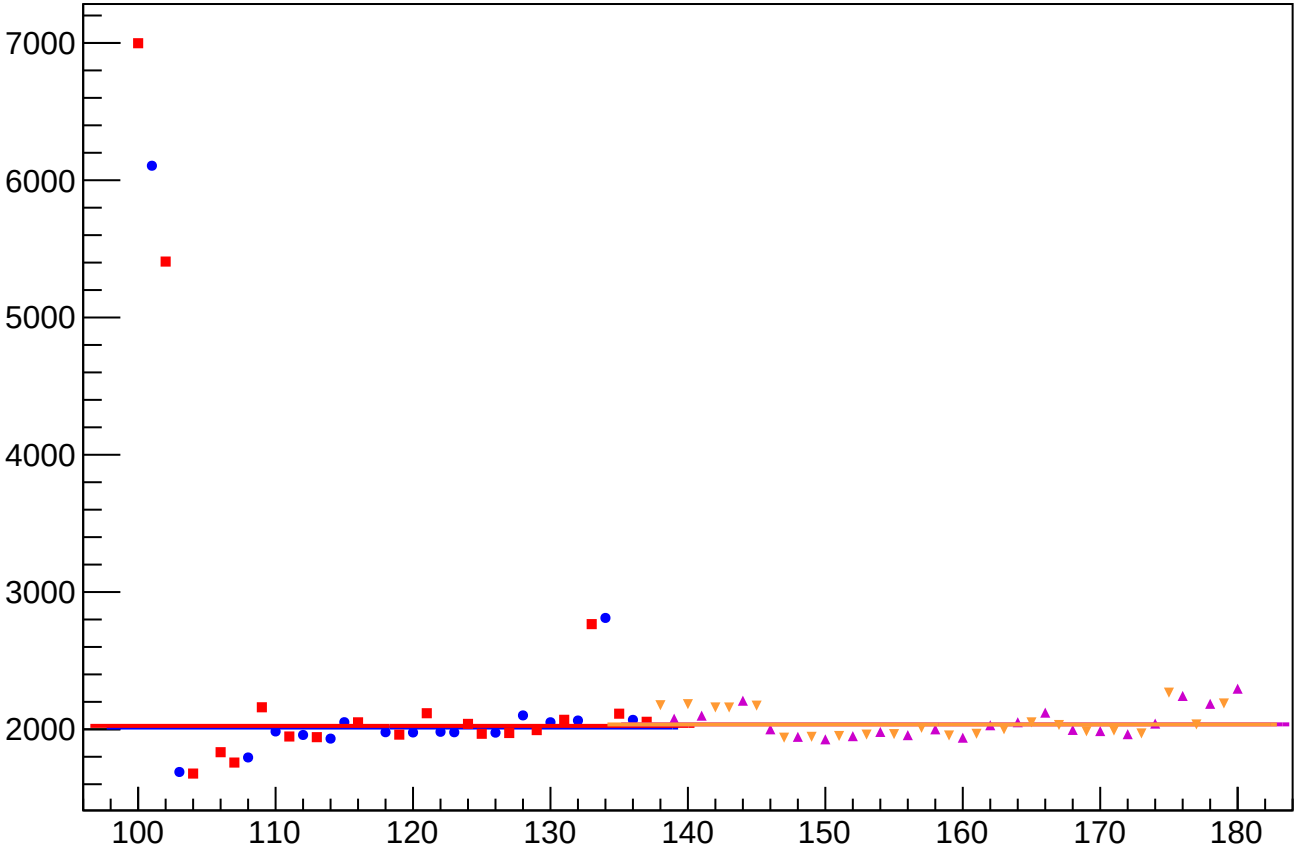
Left In: -2845.505+/-501.499 χ^2/NDF:28.4/20

+ sign 2230.177+/-423.690 χ^2/NDF: 30.1/38

All: -281.975+/-299.116 χ^2/NDF: 148.2/78

- sign -2778.156+/-422.341 χ^2/NDF: 48.0/39

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2035.372+/-0.354 χ^2/NDF:74721.3/21

Right Out: 2025.070+/-0.554 χ^2/NDF: 597422.5/18

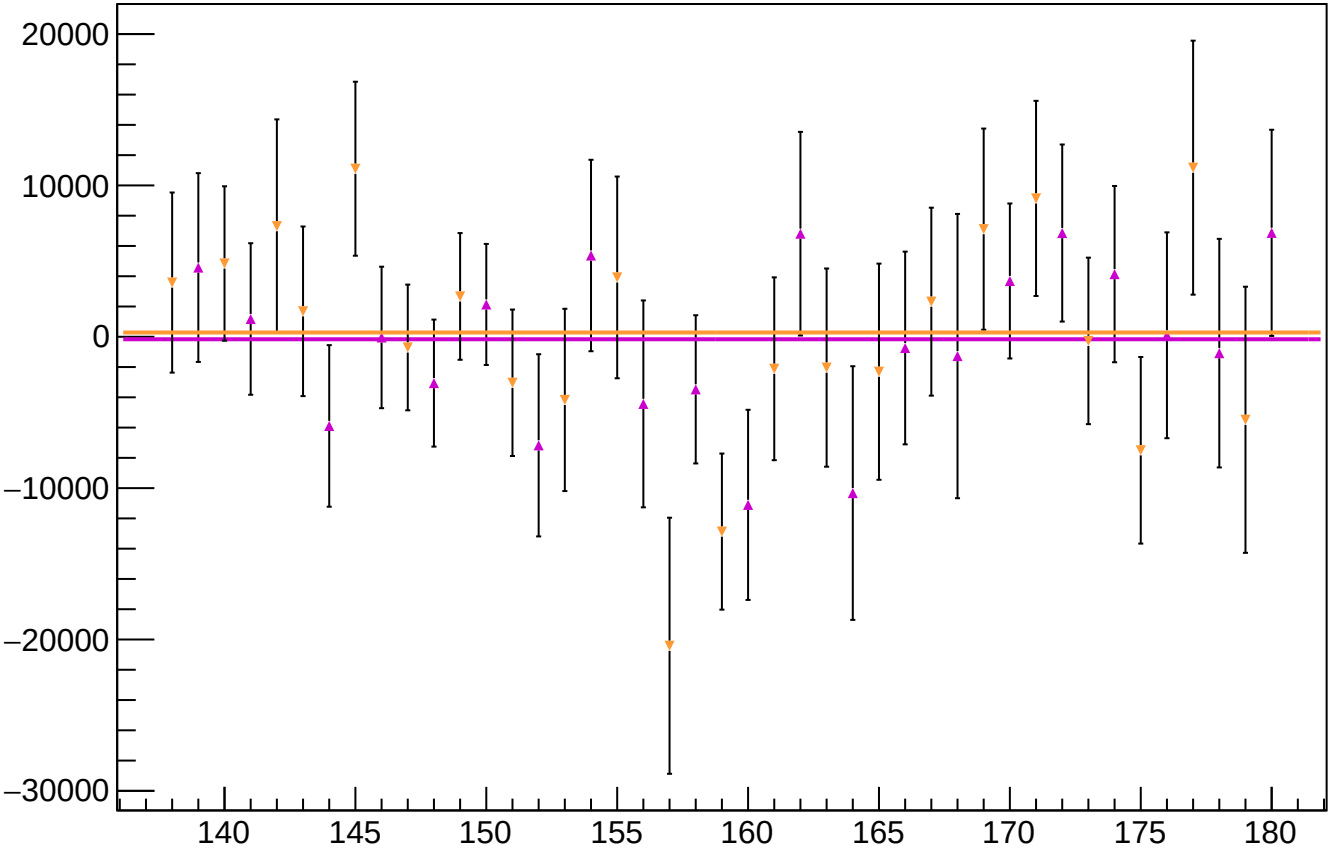
Left In: 2036.052+/-0.355 χ^2/NDF:81125.7/20

+ sign 2029.009+/-0.300 χ^2/NDF: 693567.6/38

All: 2030.939+/-0.211 χ^2/NDF: 1372477.6/78

- sign 2032.857+/-0.299 χ^2/NDF: 678827.3/39

asym_atr_avg_correction_mean vs Slug



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

Left Out: 283.328+/-1252.052 χ^2/NDF:27.1/21

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

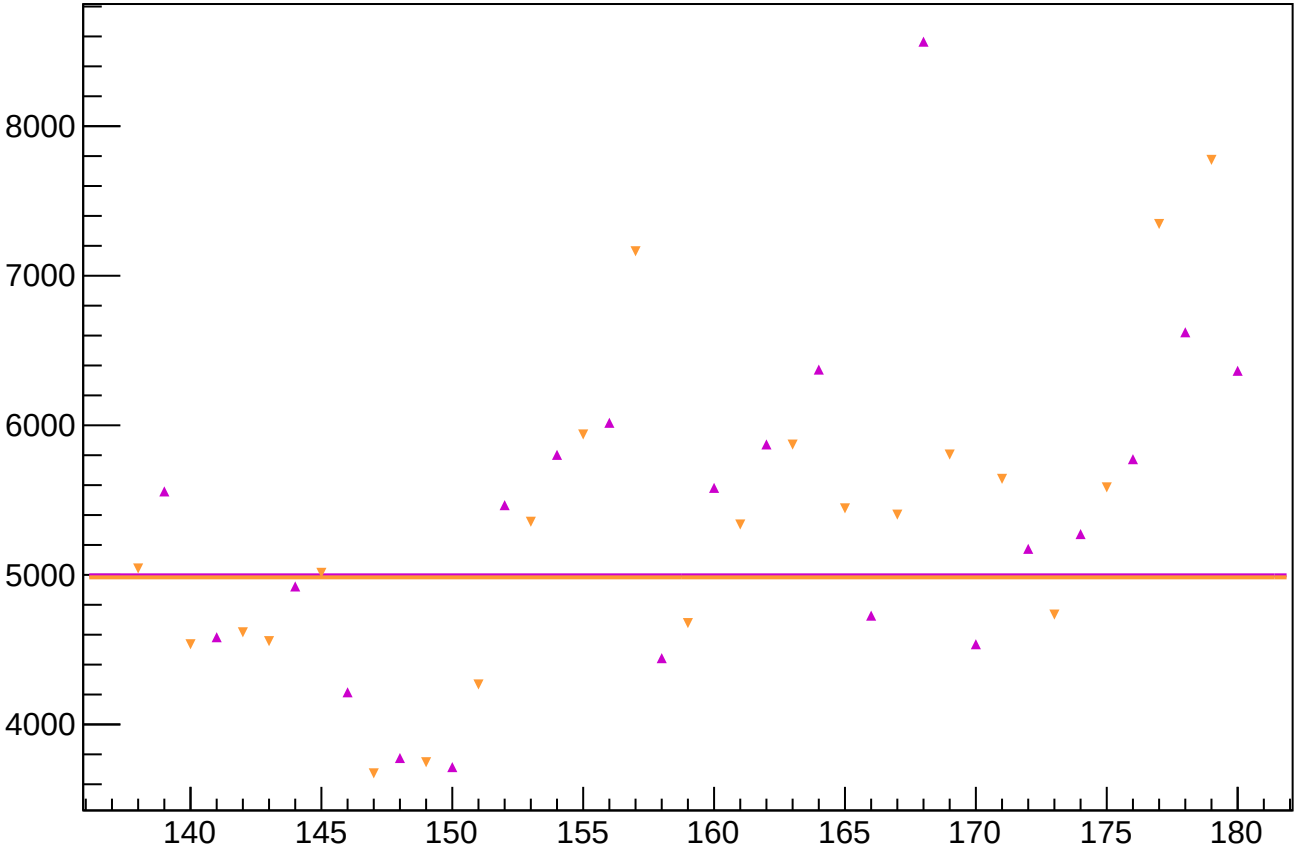
Left In: -164.336+/-1253.078 χ^2/NDF:14.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 59.679+/-885.697 χ^2/NDF: 42.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_correction_rms vs Slug



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

Left Out: 4983.436+/-0.885 χ^2/NDF:1134548.1/21

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

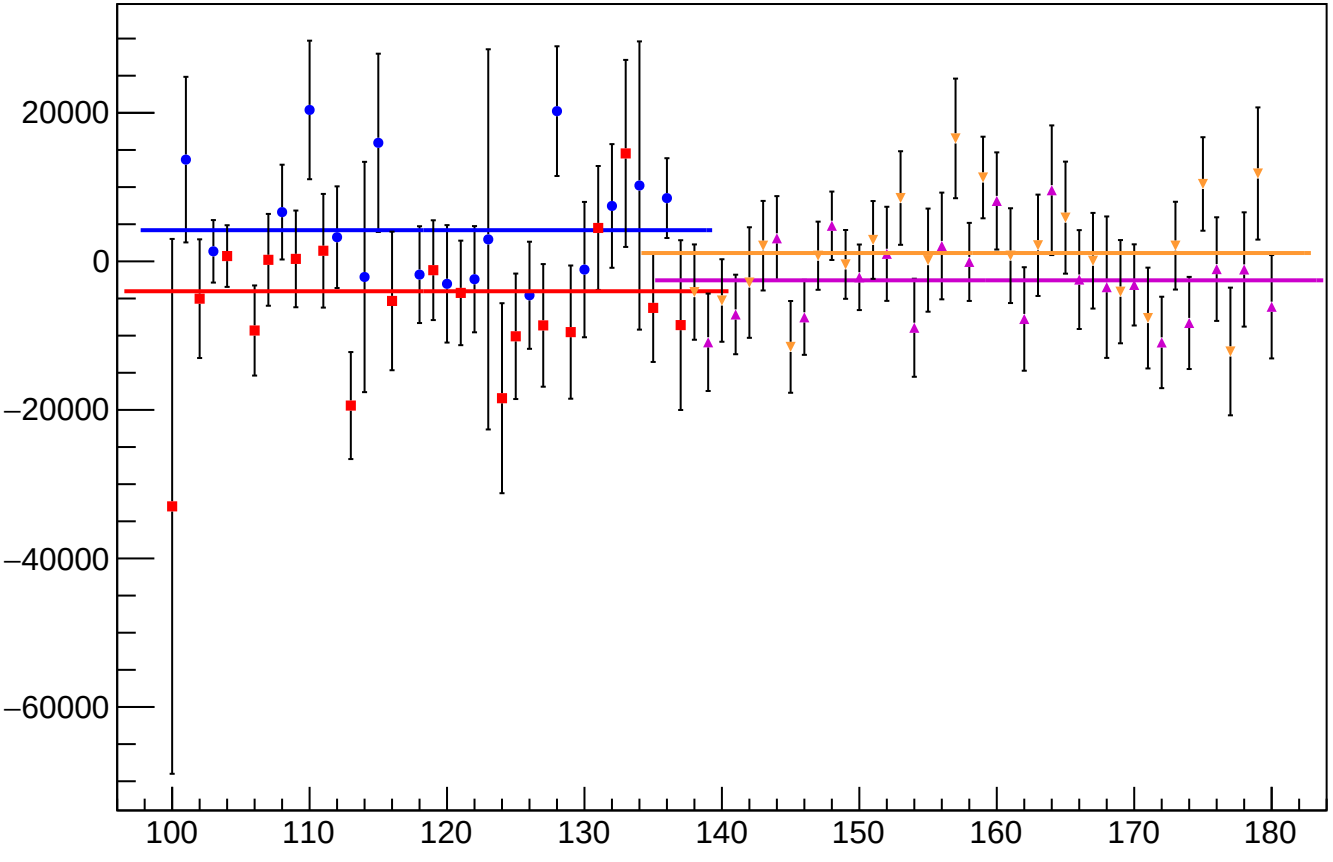
Left In: 4996.822+/-0.886 χ^2/NDF:1195367.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4990.123+/-0.626 χ^2/NDF: 2330029.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_avg_mean vs Slug



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

Left Out: 1123.107+/-1332.065 χ^2/NDF:23.9/21

Right Out: -4023.682+/-1725.187 χ^2/NDF: 14.8/18

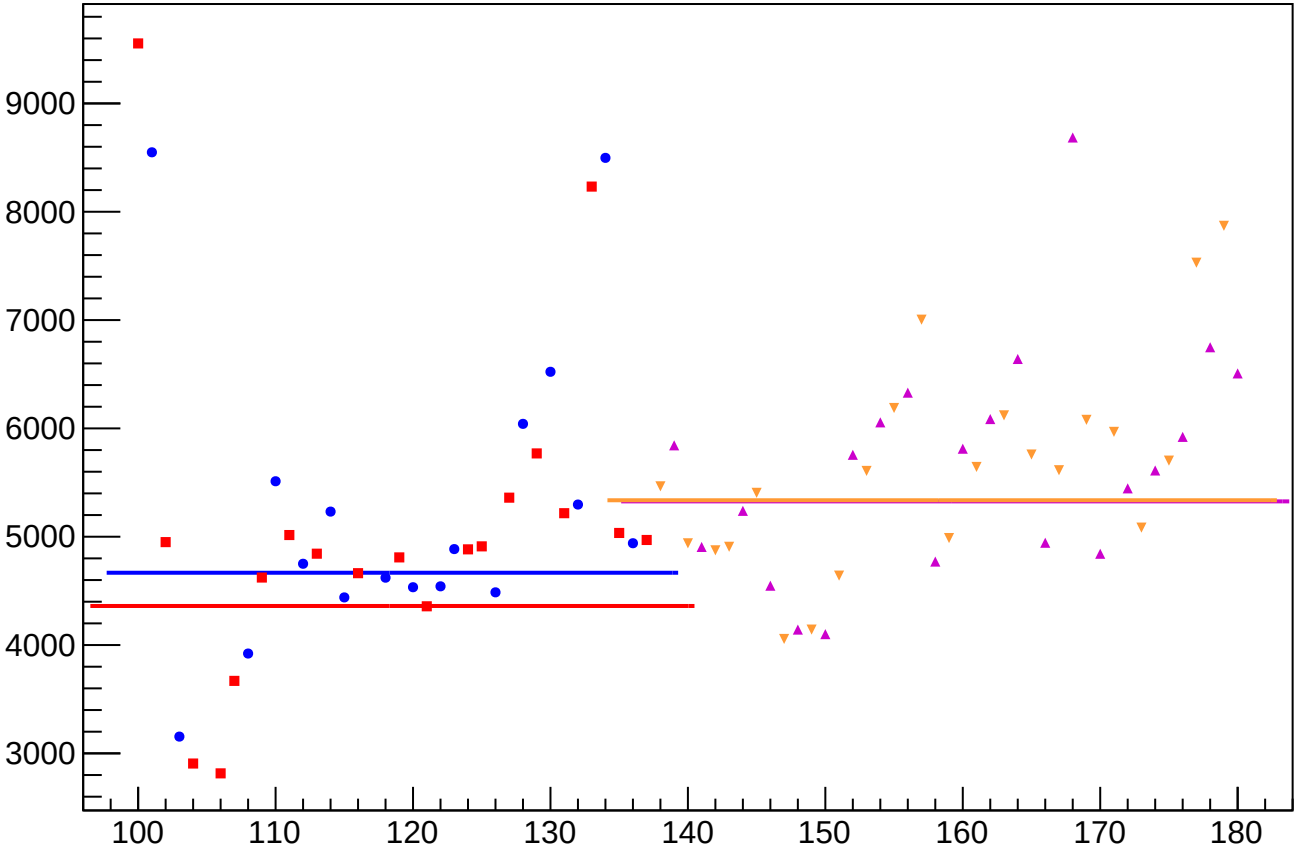
Left In: -2551.645+/-1330.470 χ^2/NDF:17.0/20

+ sign 2167.429+/-1082.548 χ^2/NDF: 39.8/38

All: -538.087+/-755.019 χ^2/NDF: 84.3/78

- sign -3100.632+/-1053.557 χ^2/NDF: 32.3/39

asym_atr_avg_rms vs Slug



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

Left Out: 5336.533+/-0.942 χ^2/NDF:864316.8/21

Right Out: 4360.582+/-1.213 χ^2/NDF: 832745.2/18

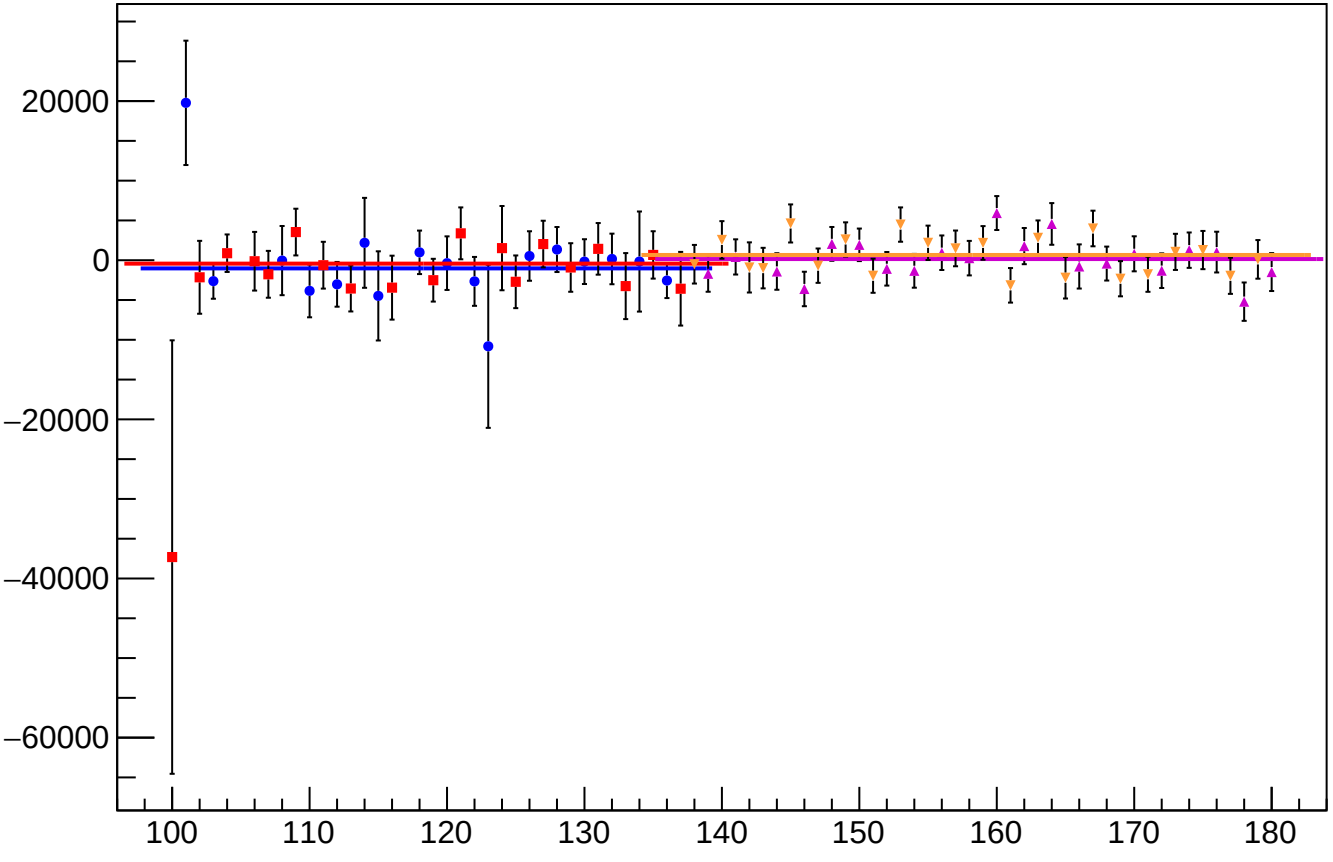
Left In: 5326.205+/-0.941 χ^2/NDF:951061.2/20

+ sign 5109.357+/-0.765 χ^2/NDF: 1813494.8/38

All: 5034.272+/-0.533 χ^2/NDF: 4011750.6/78

- sign 4963.462+/-0.743 χ^2/NDF: 2179560.7/39

dit_asym_atr_dd_mean vs Slug



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

Left Out: 660.373+/-488.634 χ^2/NDF:23.2/21

Right Out: -428.488+/-760.817 χ^2/NDF: 10.8/18

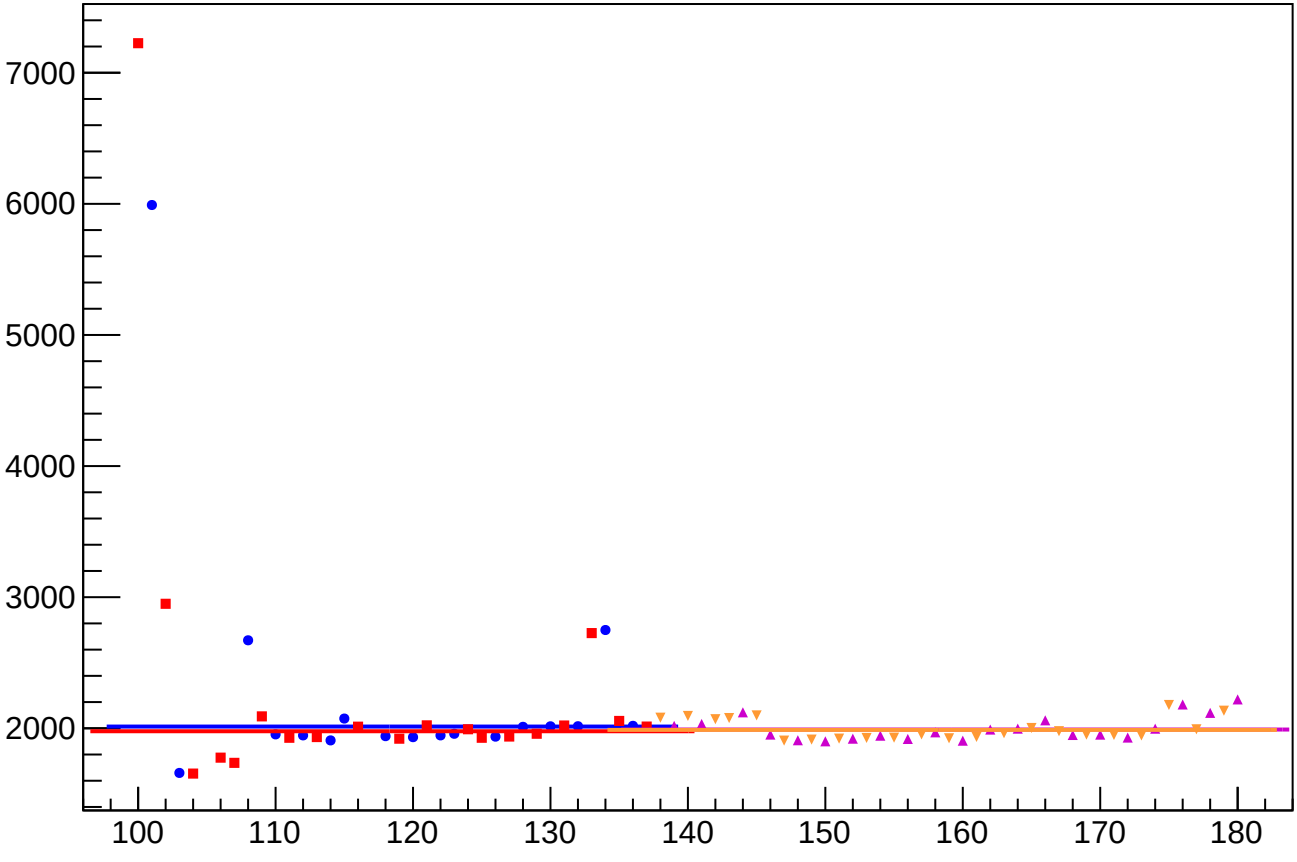
Left In: 147.157+/-490.048 χ^2/NDF:23.9/20

+ sign 199.041+/-416.517 χ^2/NDF: 39.6/38

All: 87.495+/-292.906 χ^2/NDF: 74.8/78

- sign -21.635+/-411.983 χ^2/NDF: 35.1/39

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1987.794+/-0.346 χ^2/NDF:50944.4/21

Right Out: 1977.545+/-0.537 χ^2/NDF: 294899.1/18

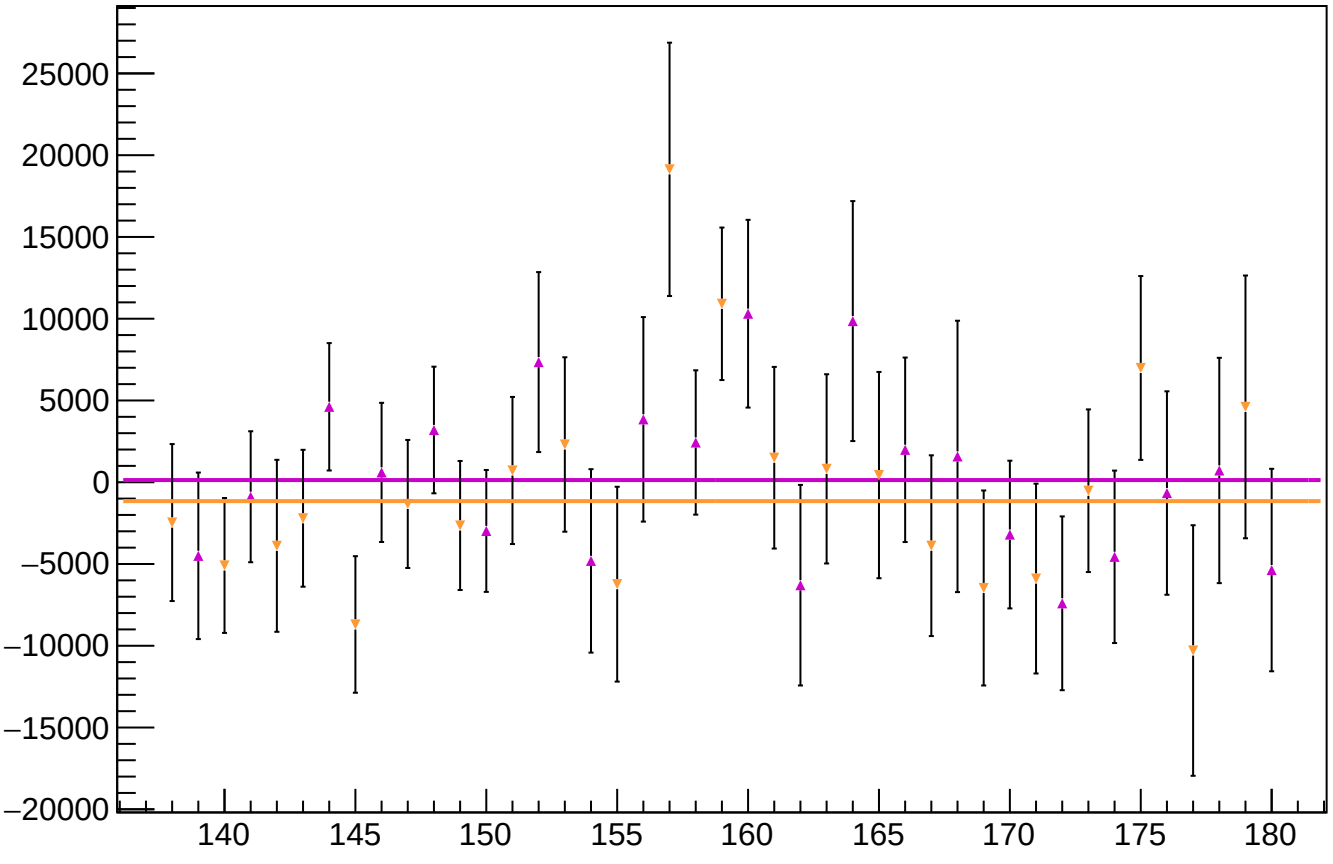
Left In: 1990.515+/-0.347 χ^2/NDF:63330.1/20

+ sign 1994.759+/-0.295 χ^2/NDF: 702479.3/38

All: 1990.687+/-0.207 χ^2/NDF: 1061498.0/78

- sign 1986.706+/-0.291 χ^2/NDF: 358640.7/39

asym_atr_dd_correction_mean vs Slug



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

Left Out: -1154.151+/-1090.949 χ^2/NDF:25.8/21

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

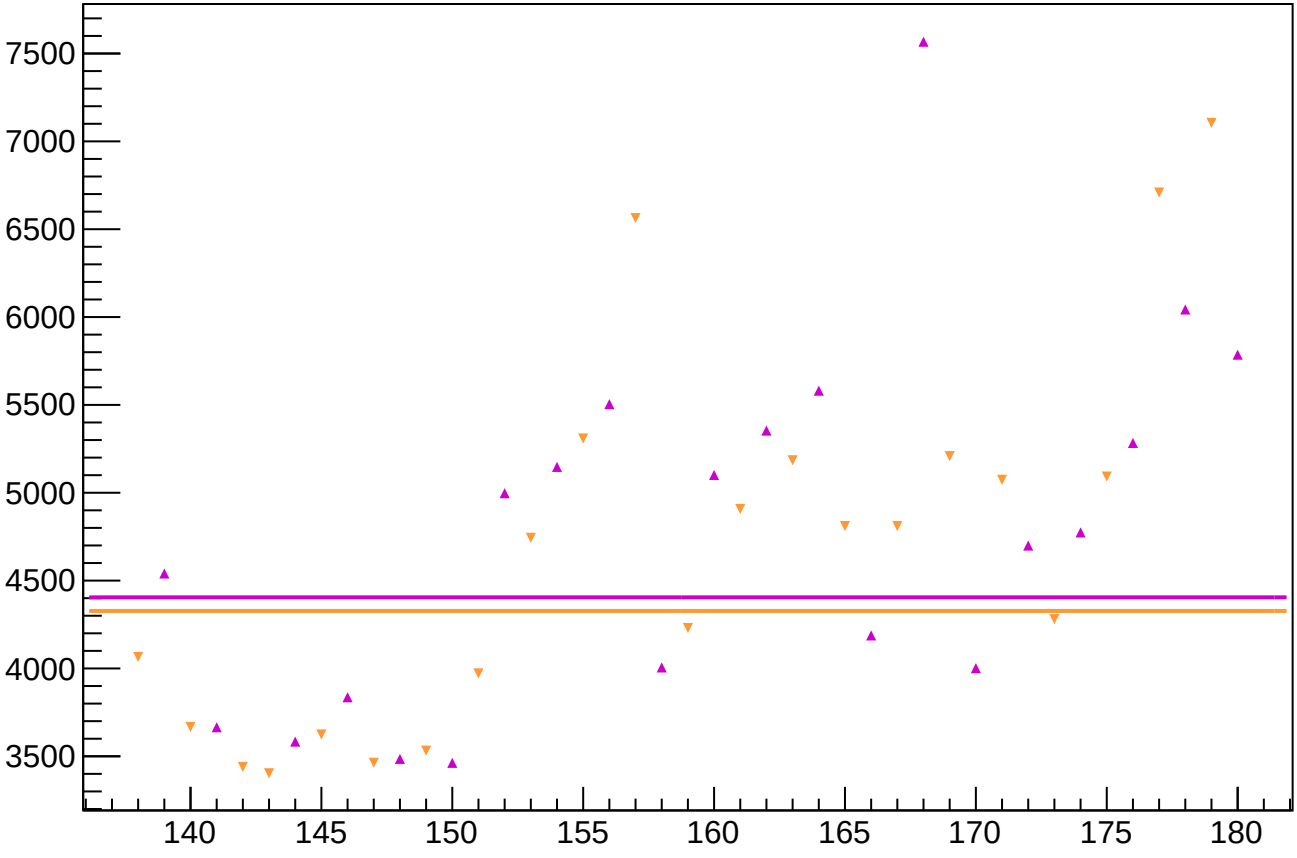
Left In: 133.202+/-1106.167 χ^2/NDF:17.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -519.391+/-776.742 χ^2/NDF: 43.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_correction_rms vs Slug



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

Left Out: 4327.298+/-0.771 χ^2/NDF:1332543.0/21

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

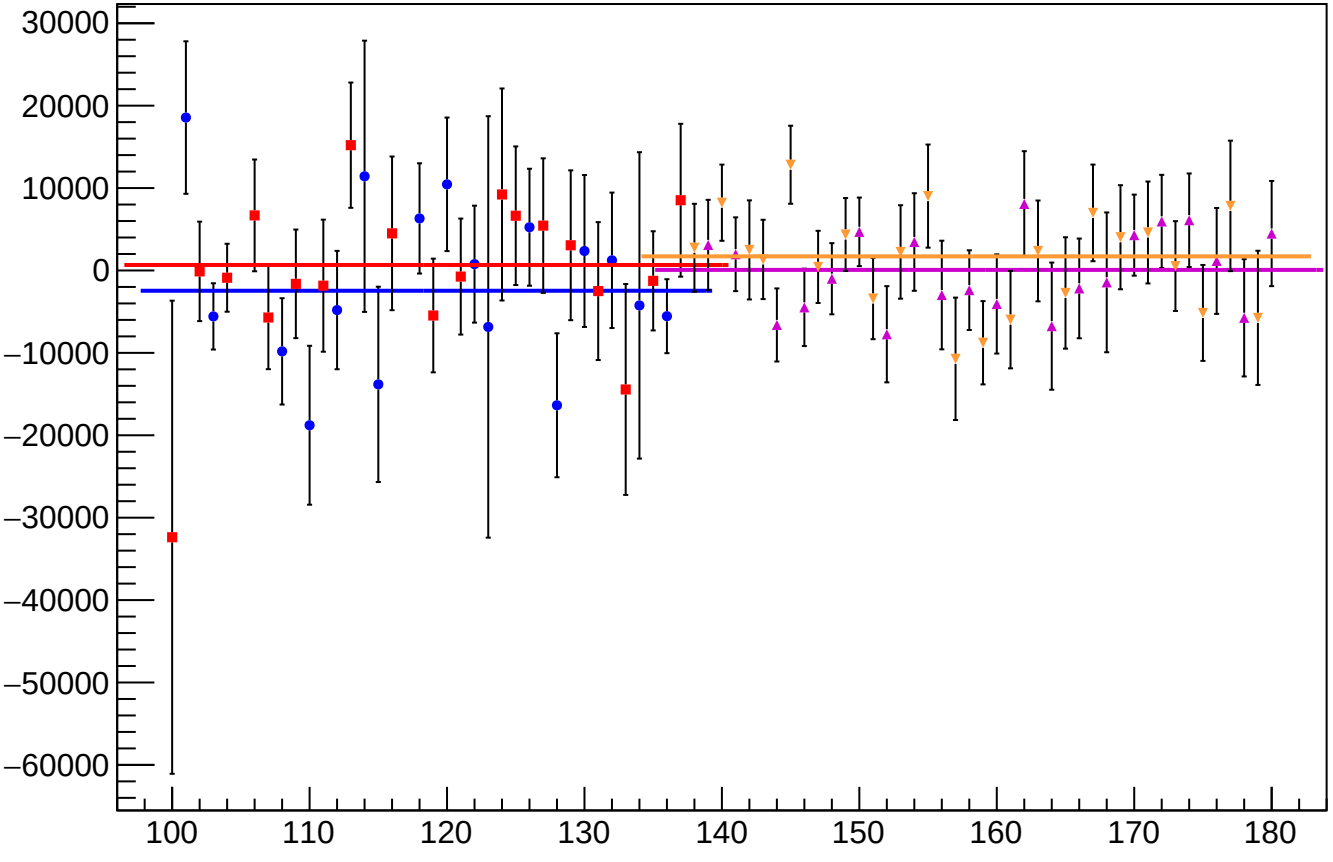
Left In: 4404.612+/-0.782 χ^2/NDF:1277772.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4365.420+/-0.549 χ^2/NDF: 2615268.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr_dd_mean vs Slug



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

Left Out: 1711.467+/-1188.859 χ^2/NDF:23.7/21

Right Out: 666.170+/-1689.812 χ^2/NDF: 11.9/18

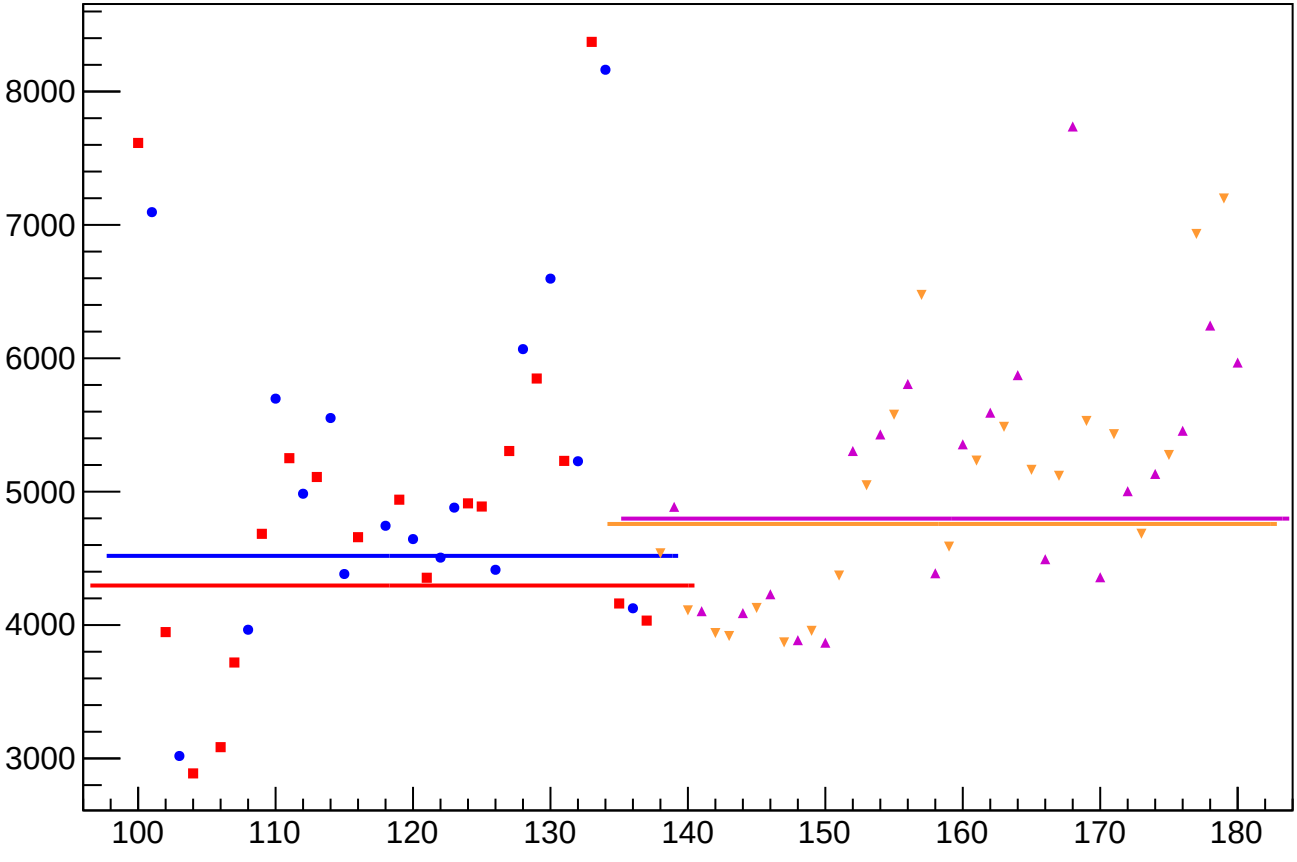
Left In: 69.380+/-1198.120 χ^2/NDF:14.7/20

+ sign 441.113+/-991.561 χ^2/NDF: 48.3/38

All: 353.832+/-696.070 χ^2/NDF: 75.0/78

- sign 269.029+/-977.376 χ^2/NDF: 26.7/39

asym_atr_dd_rms vs Slug



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

Left Out: 4757.840+/-0.841 χ^2/NDF:941294.8/21

Right Out: 4296.379+/-1.188 χ^2/NDF: 771702.5/18

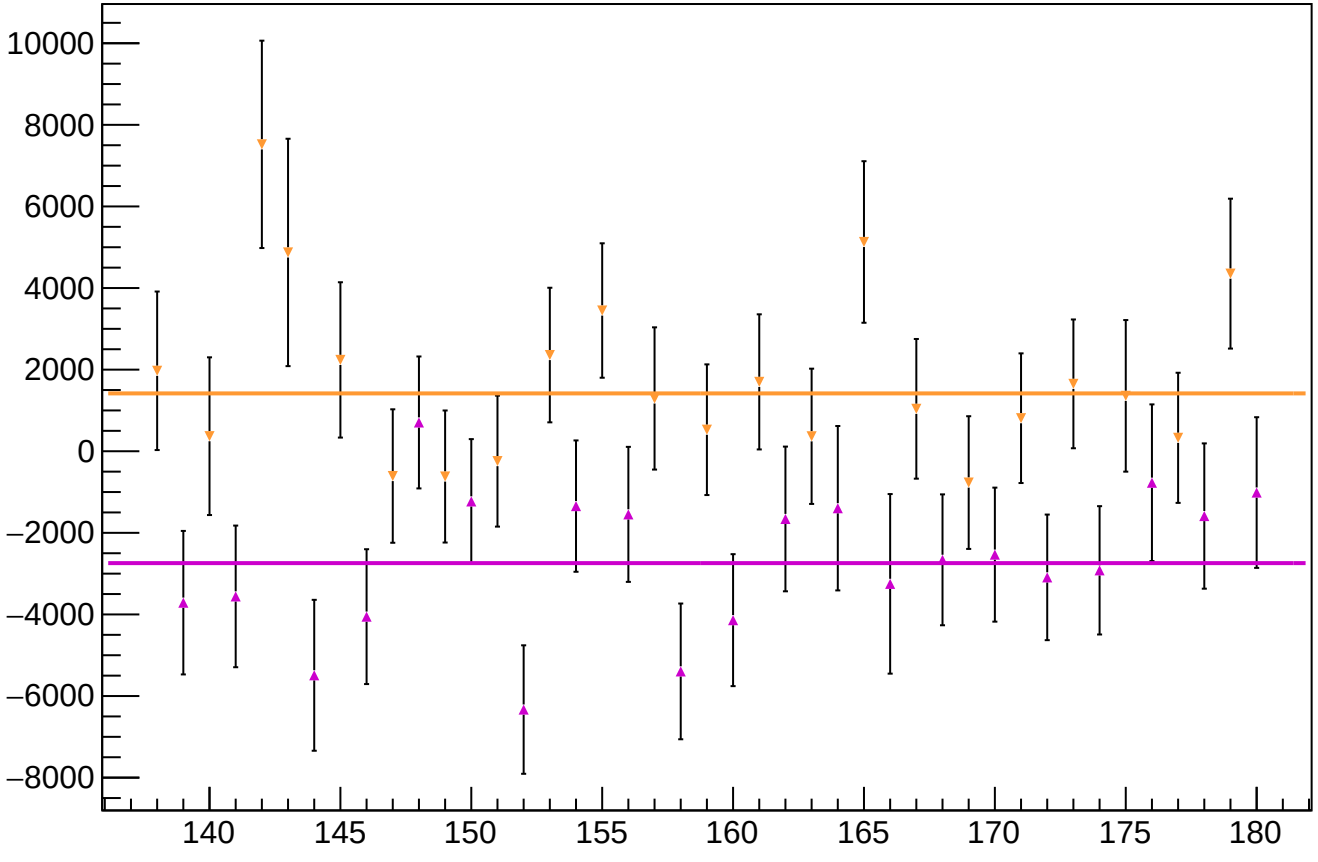
Left In: 4798.008+/-0.847 χ^2/NDF:945334.0/20

+ sign 4685.048+/-0.701 χ^2/NDF: 1736155.6/38

All: 4656.542+/-0.492 χ^2/NDF: 3574598.9/78

- sign 4628.950+/-0.690 χ^2/NDF: 1835190.5/39

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1417.511+/-373.439 χ^2/NDF:23.2/21

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

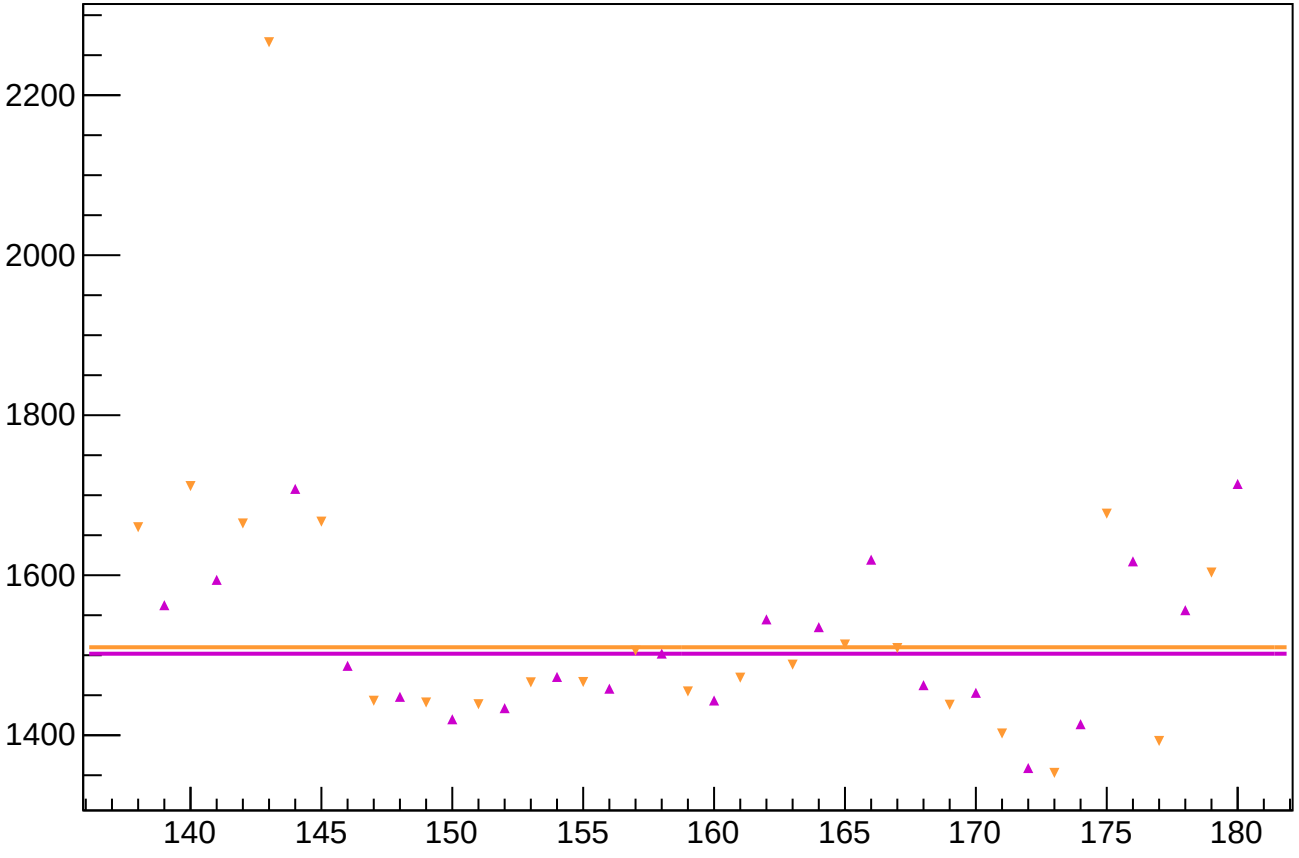
Left In: -2742.147+/-371.140 χ^2/NDF:22.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -675.164+/-263.245 χ^2/NDF: 107.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



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

Left Out: 1509.979+/-0.264 χ^2/NDF:284499.7/21

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

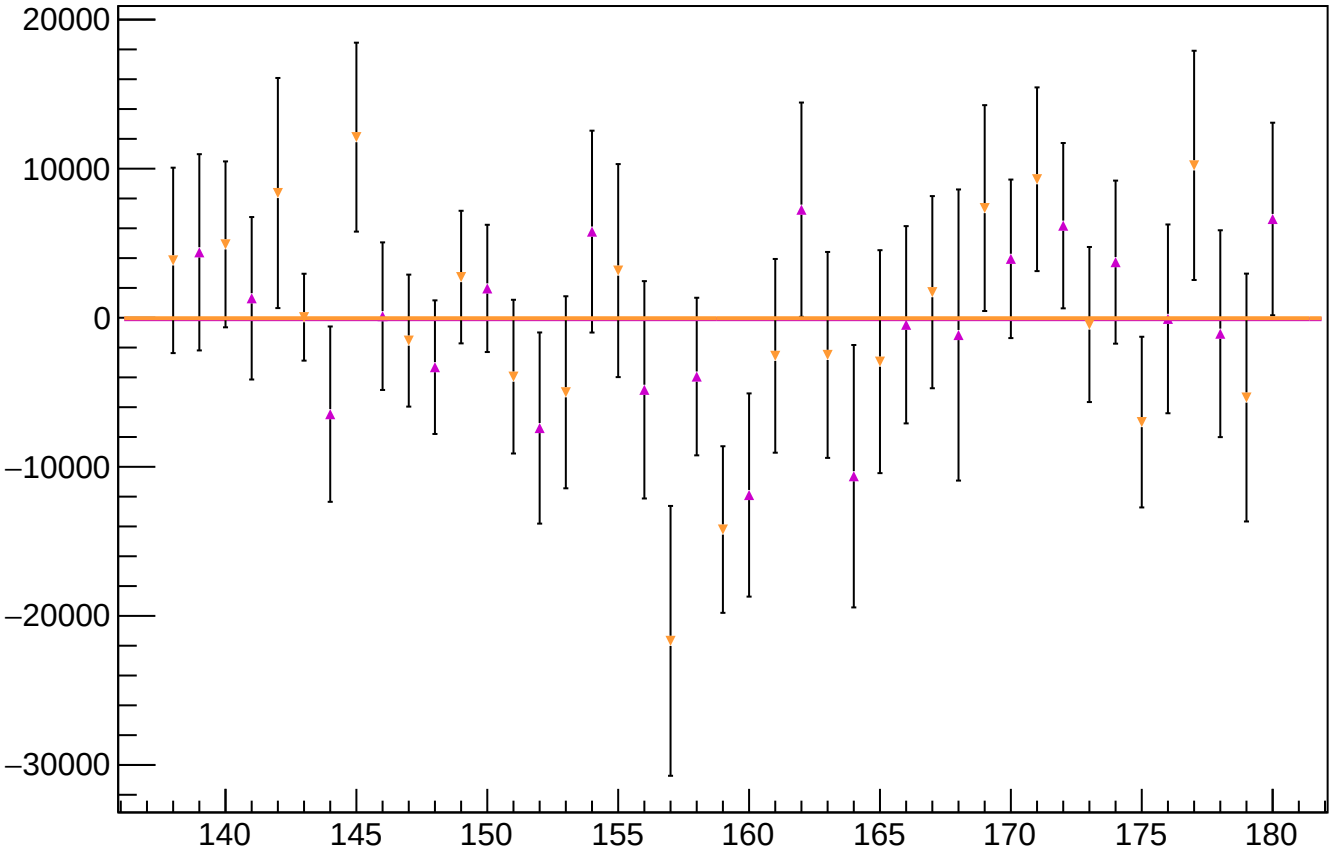
Left In: 1501.886+/-0.262 χ^2/NDF:118804.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1505.908+/-0.186 χ^2/NDF: 403776.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



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

Left Out: -33.019+/-1214.941 χ^2/NDF:27.7/21

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

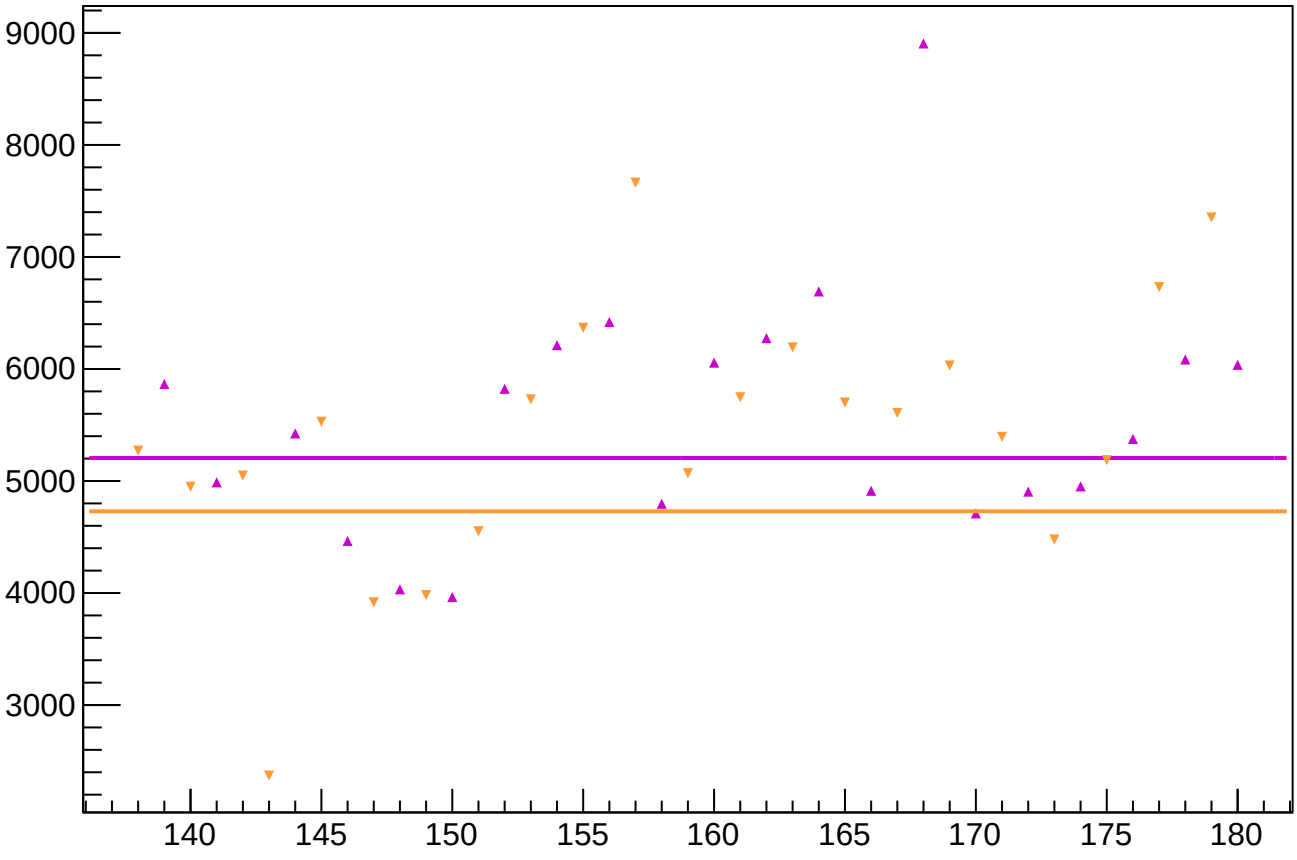
Left In: -95.306+/-1301.842 χ^2/NDF:14.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -62.014+/-888.227 χ^2/NDF: 42.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



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

Left Out: 4729.366+/-0.859 χ^2/NDF:2517297.9/21

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

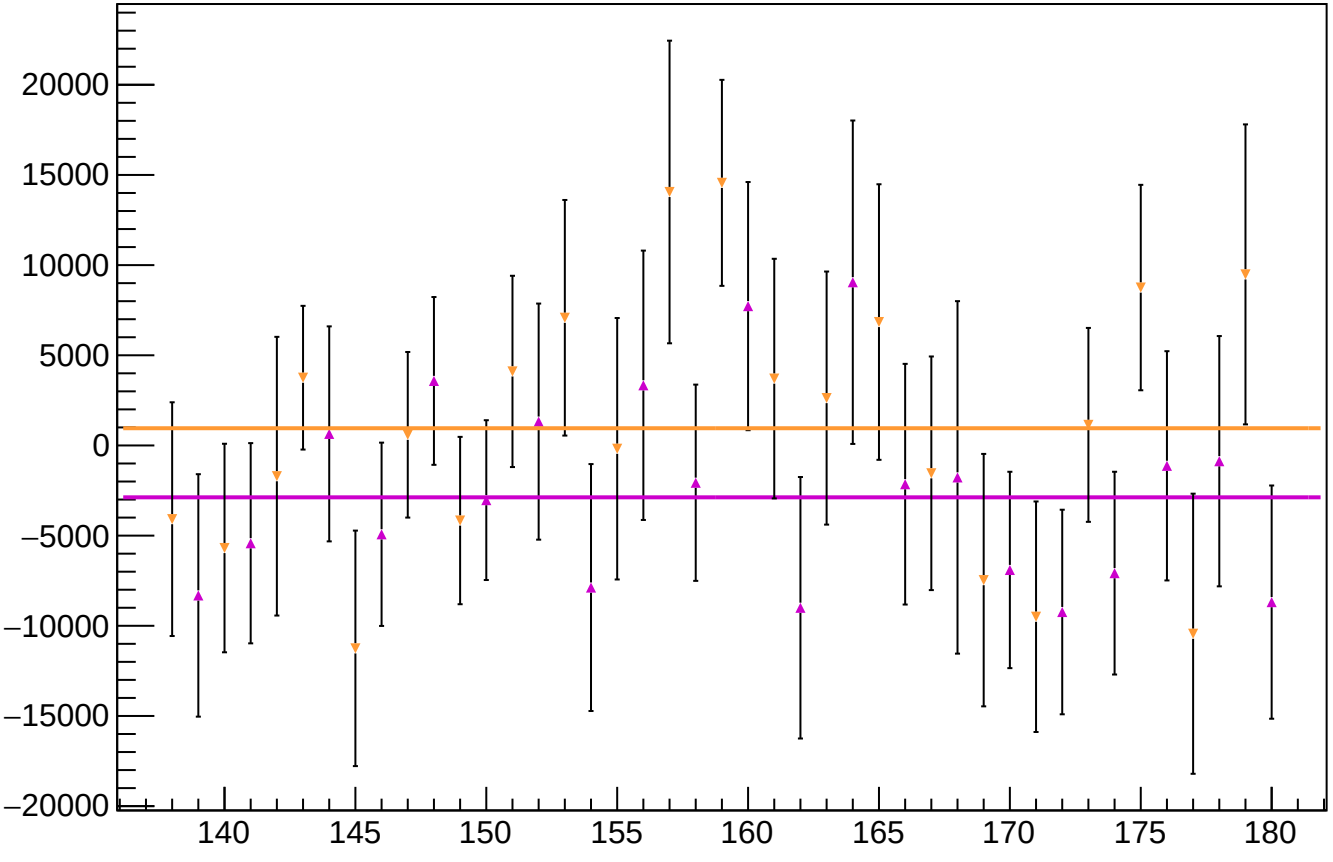
Left In: 5205.212+/-0.921 χ^2/NDF:1025063.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4950.878+/-0.628 χ^2/NDF: 3685179.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 955.027+/-1292.108 χ^2/NDF:26.8/21

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

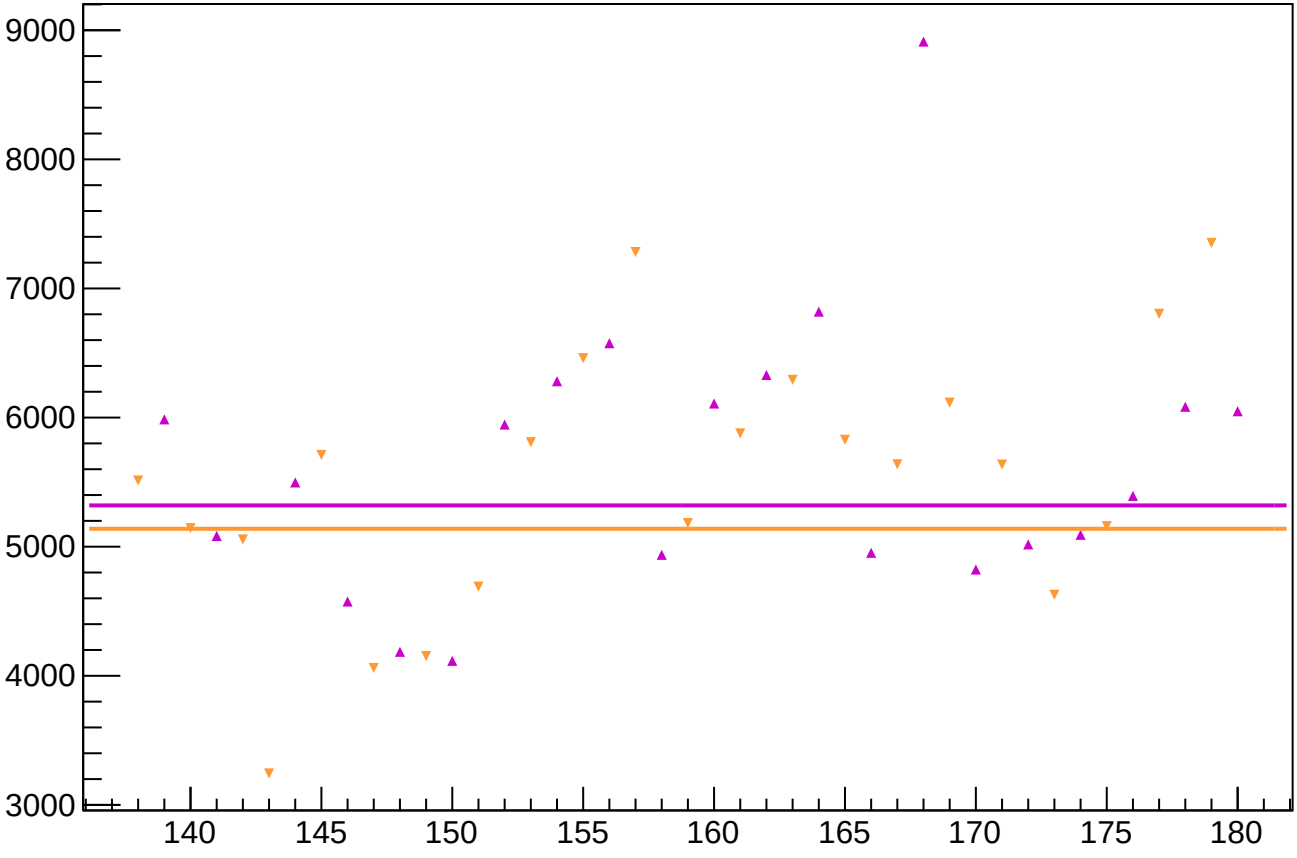
Left In: -2876.280+/-1328.776 χ^2/NDF:13.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -907.035+/-926.351 χ^2/NDF: 44.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_avg_rms vs Slug



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

Left Out: 5138.774+/-0.914 χ^2/NDF:1317373.7/21

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

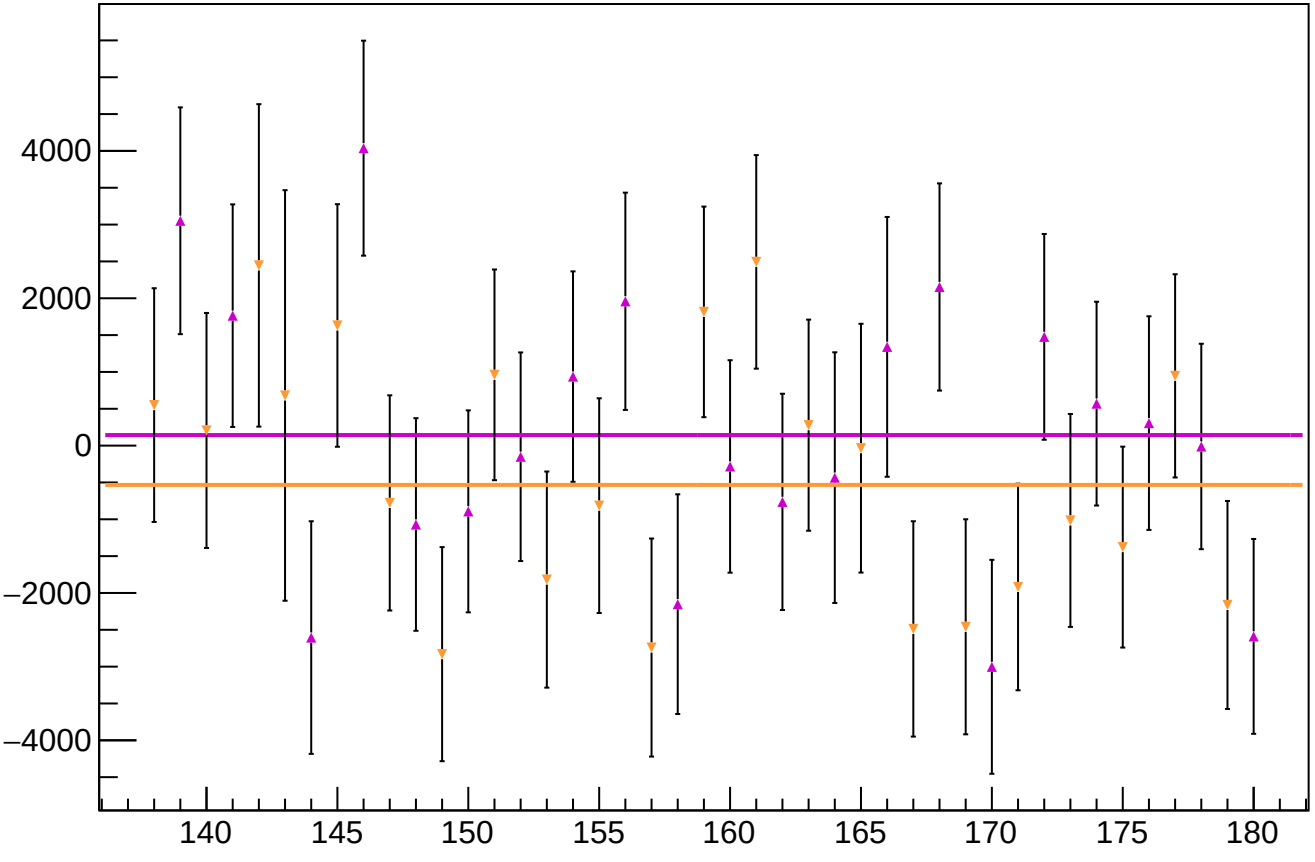
Left In: 5319.808+/-0.940 χ^2/NDF:931775.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5226.759+/-0.655 χ^2/NDF: 2268230.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -533.329+/-322.492 χ^2/NDF:26.1/21

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

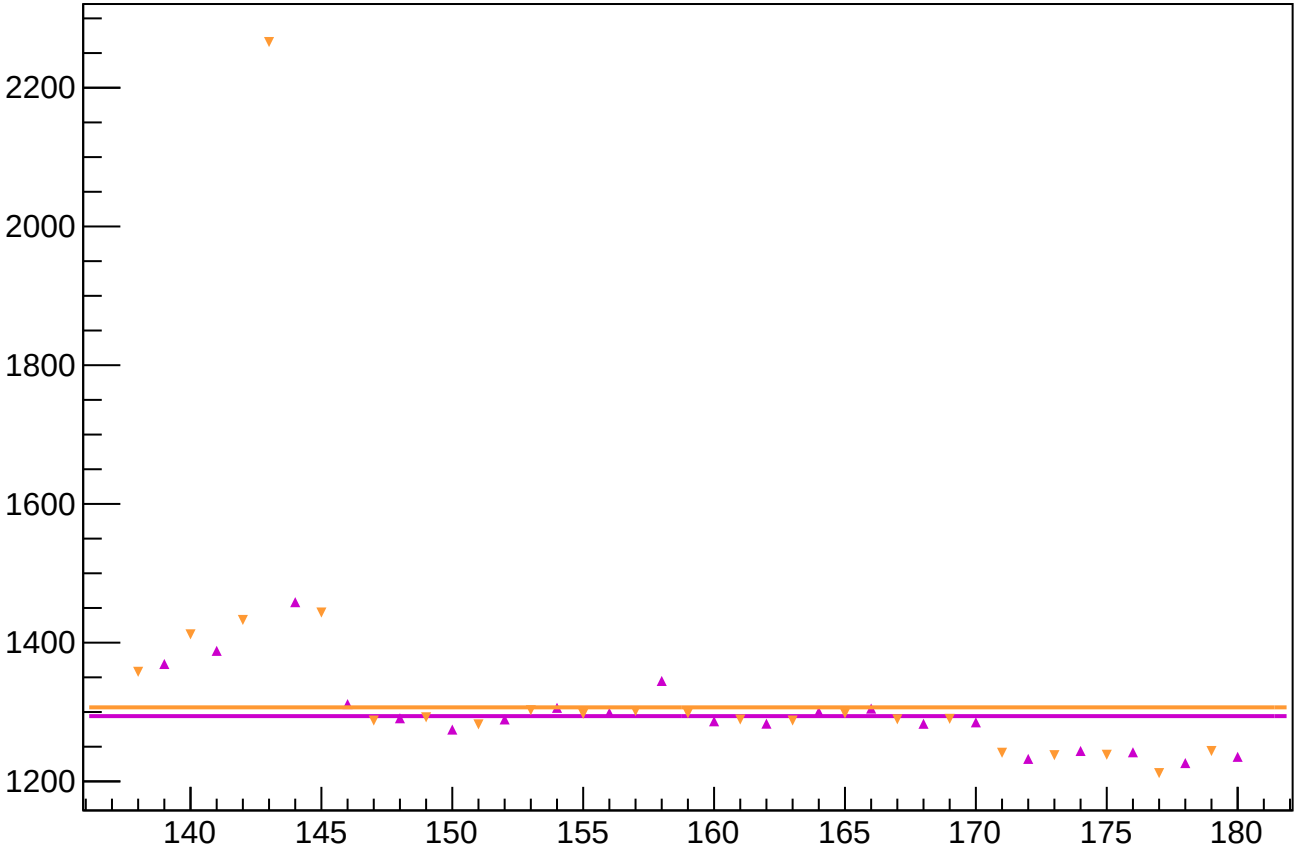
Left In: 143.365+/-318.899 χ^2/NDF:33.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -191.191+/-226.755 χ^2/NDF: 61.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1306.741+/-0.228 χ^2/NDF:298143.5/21

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

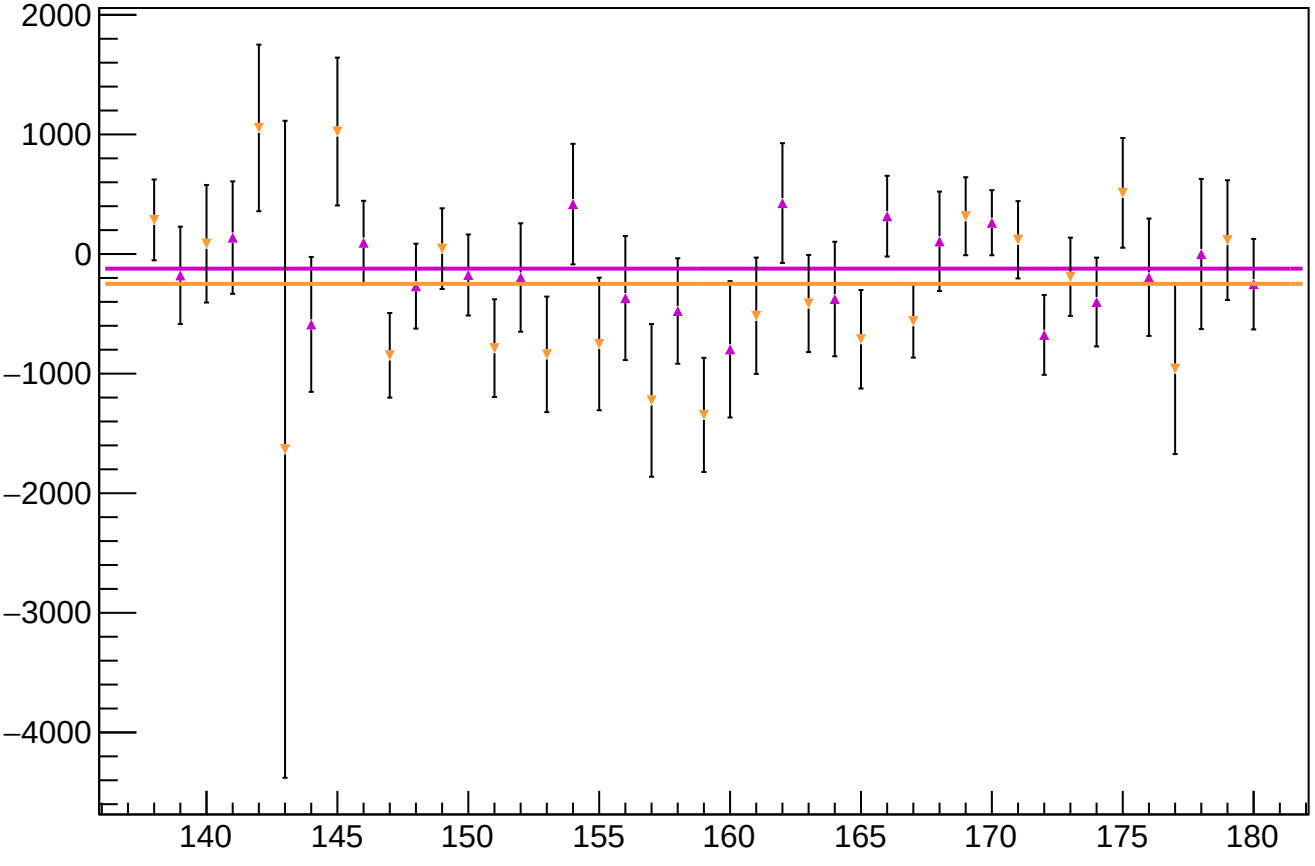
Left In: 1294.093+/-0.225 χ^2/NDF:55610.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1300.346+/-0.160 χ^2/NDF: 355309.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



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

Left Out: -249.324+/-90.964 χ^2/NDF:37.6/21

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

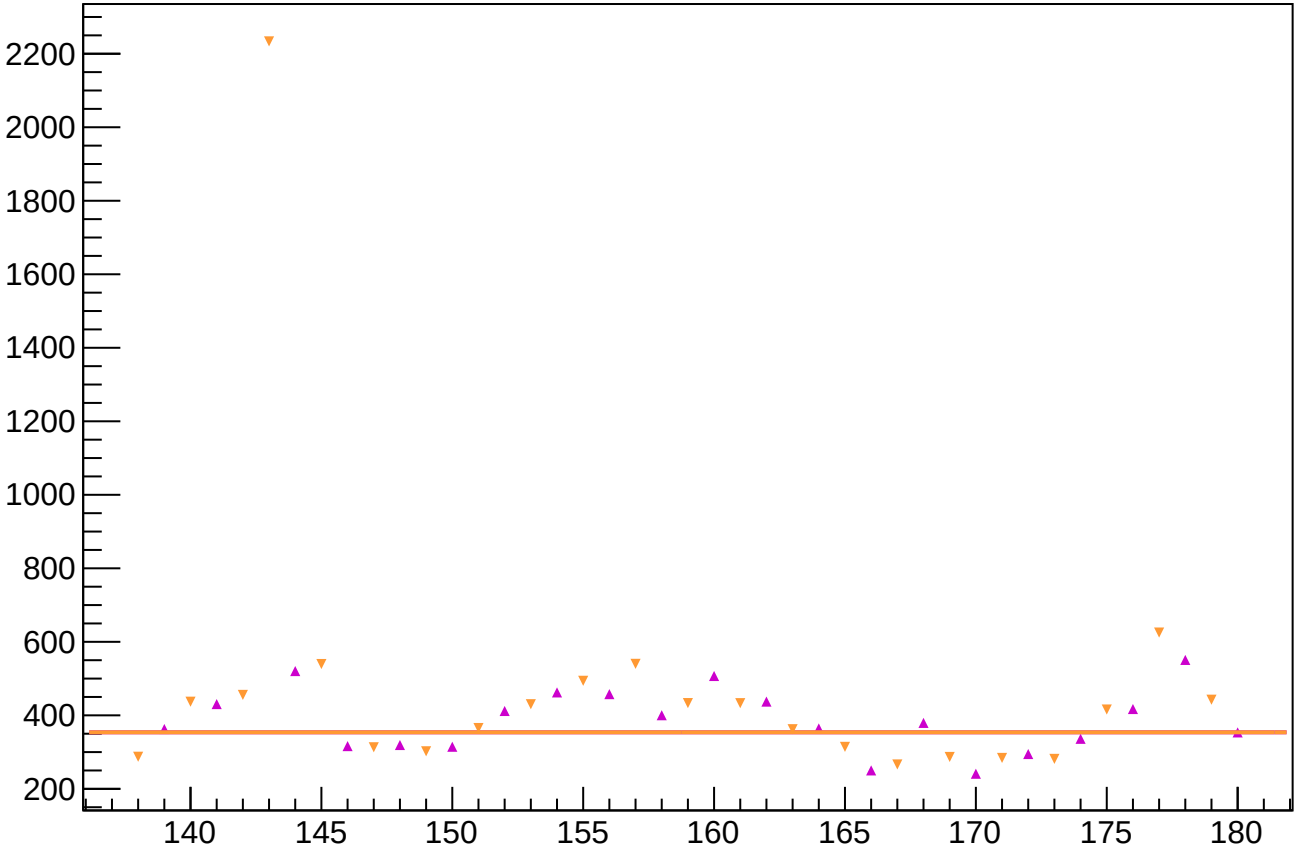
Left In: -122.113+/-89.229 χ^2/NDF:14.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -184.494+/-63.699 χ^2/NDF: 52.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

Left Out: 353.863+/-0.064 χ^2/NDF:2675053.7/21

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

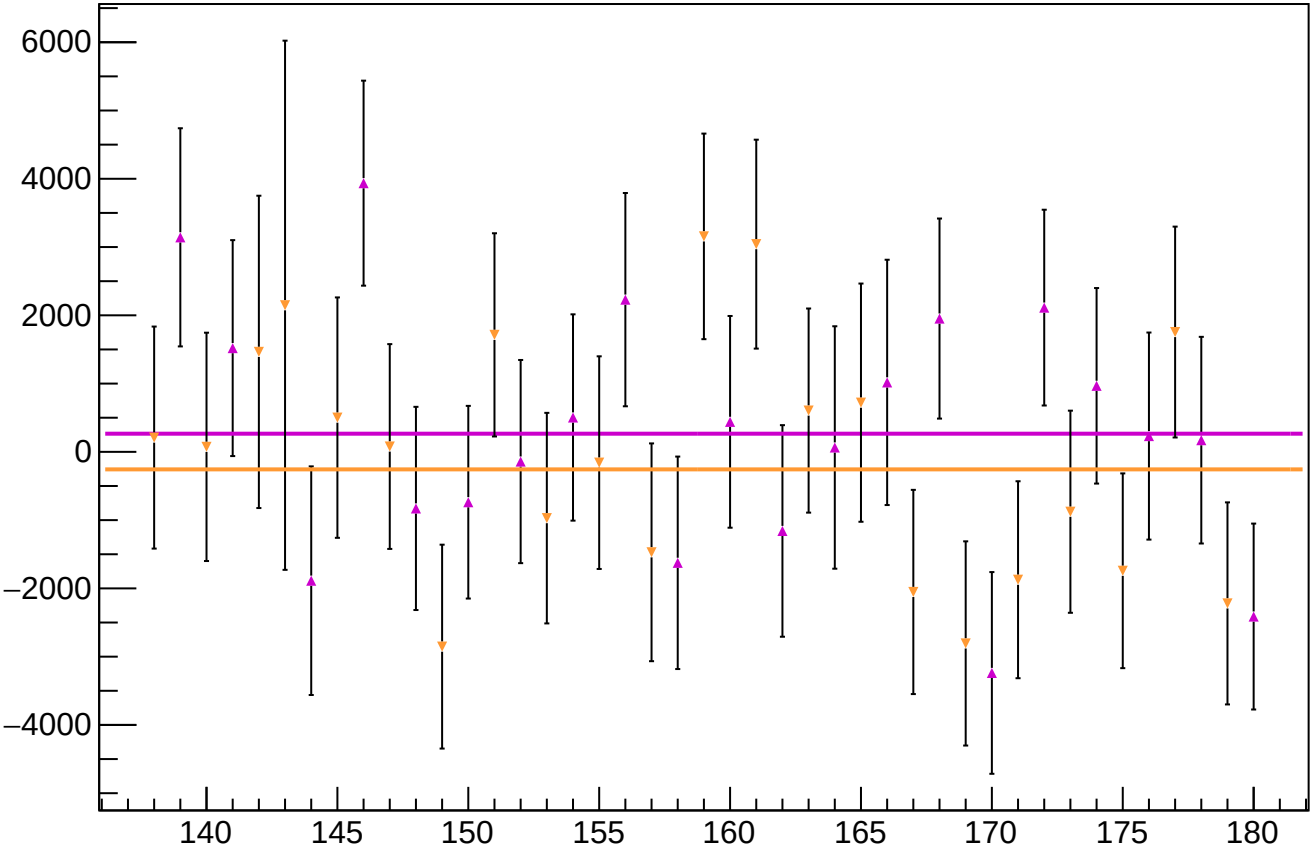
Left In: 353.887+/-0.063 χ^2/NDF:1563952.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 353.875+/-0.045 χ^2/NDF: 4239006.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -256.658+/-338.472 χ^2/NDF:27.6/21

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

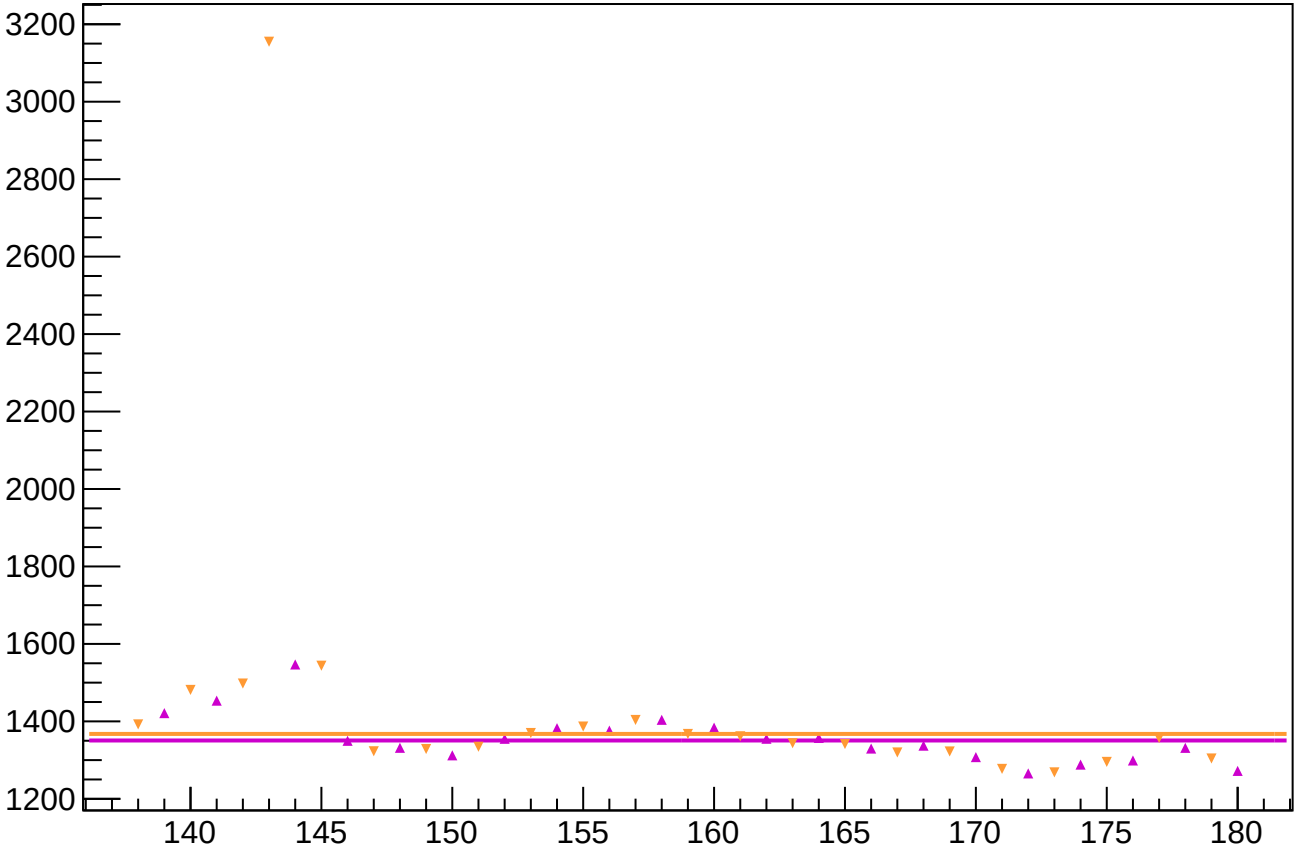
Left In: 265.948+/-332.857 χ^2/NDF:29.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.016+/-237.326 χ^2/NDF: 58.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1367.596+/-0.239 χ^2/NDF:497556.0/21

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

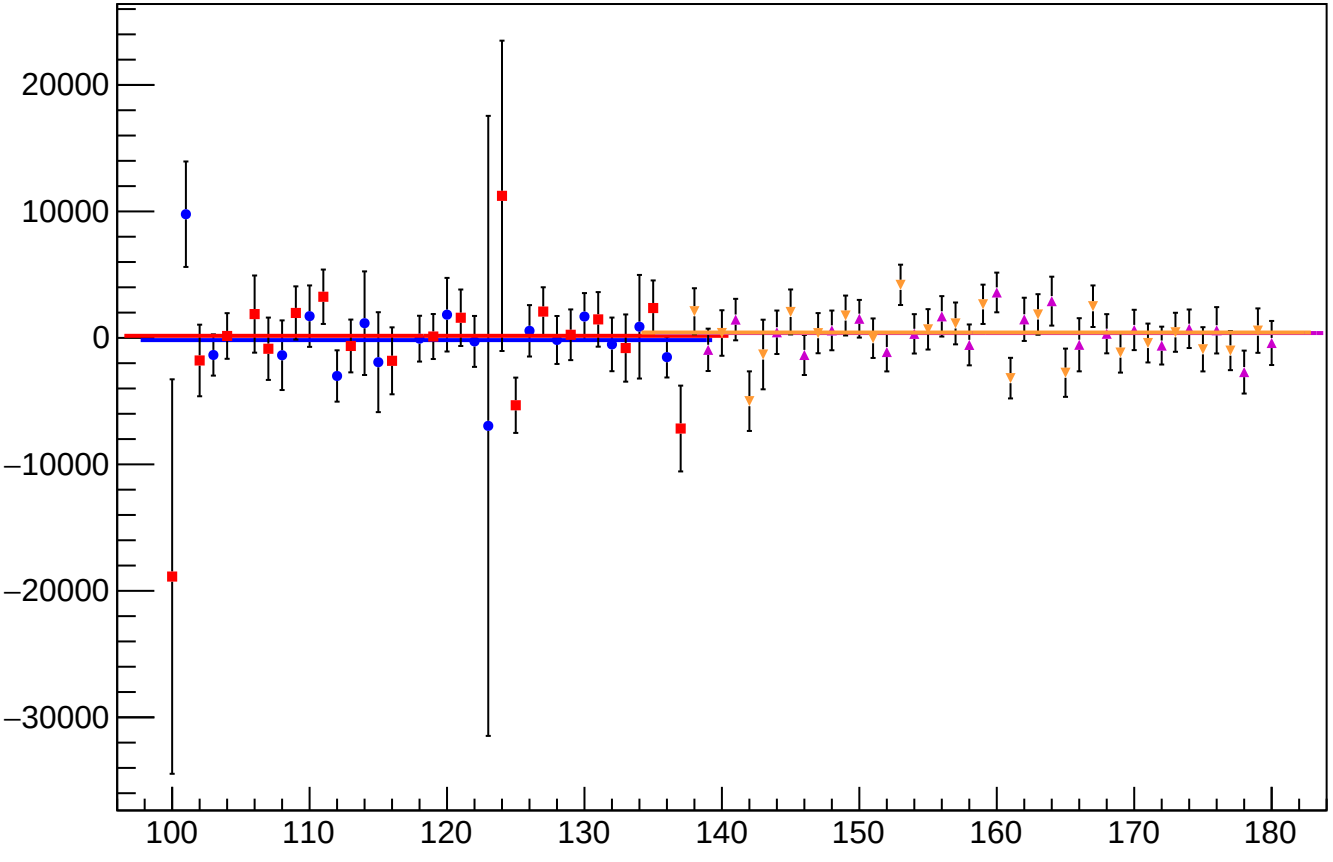
Left In: 1350.649+/-0.235 χ^2/NDF:68623.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1358.980+/-0.168 χ^2/NDF: 568727.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



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

Left Out: 425.047+/-359.268 χ^2/NDF:29.0/21

Right Out: 164.937+/-540.101 χ^2/NDF: 20.7/18

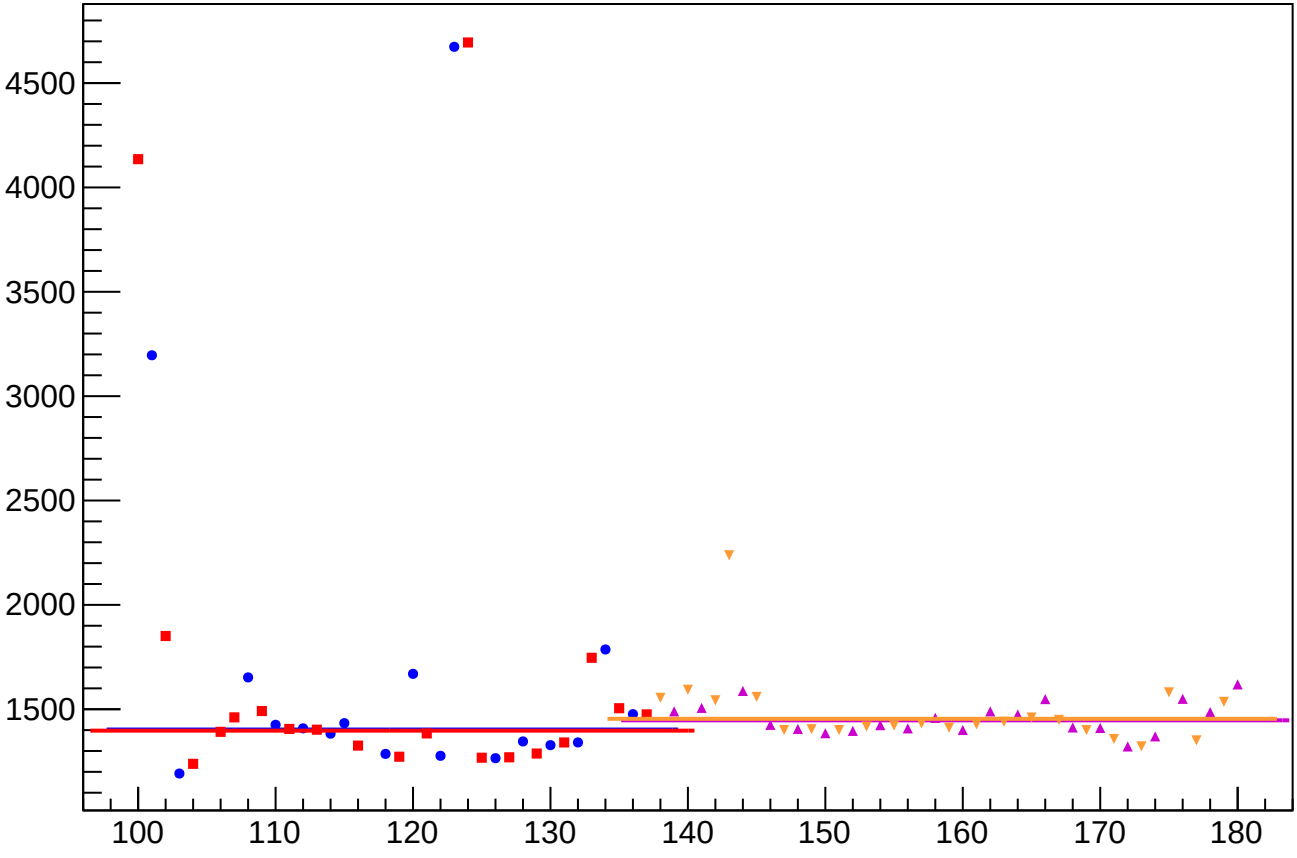
Left In: 382.764+/-357.162 χ^2/NDF:15.3/20

+ sign 247.748+/-301.539 χ^2/NDF: 41.6/38

All: 282.535+/-211.927 χ^2/NDF: 77.7/78

- sign 316.490+/-297.914 χ^2/NDF: 36.1/39

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1454.159+/-0.254 χ^2/NDF:249898.4/21

Right Out: 1397.442+/-0.382 χ^2/NDF: 353365.4/18

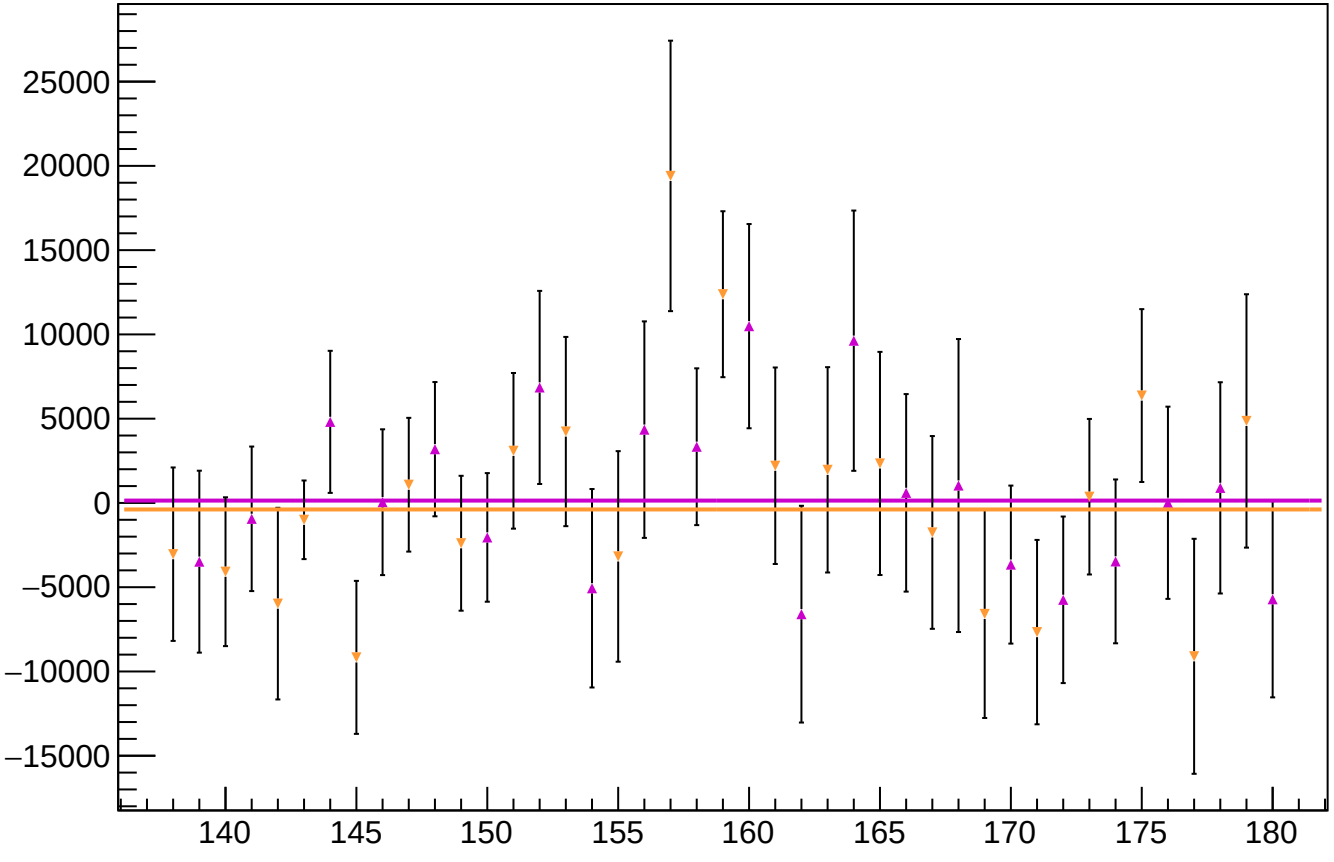
Left In: 1446.881+/-0.253 χ^2/NDF:82570.4/20

+ sign 1438.952+/-0.213 χ^2/NDF: 788347.4/38

All: 1435.346+/-0.150 χ^2/NDF: 1236516.8/78

- sign 1431.827+/-0.211 χ^2/NDF: 447604.1/39

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -386.828+/-1035.848 χ^2/NDF:27.6/21

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

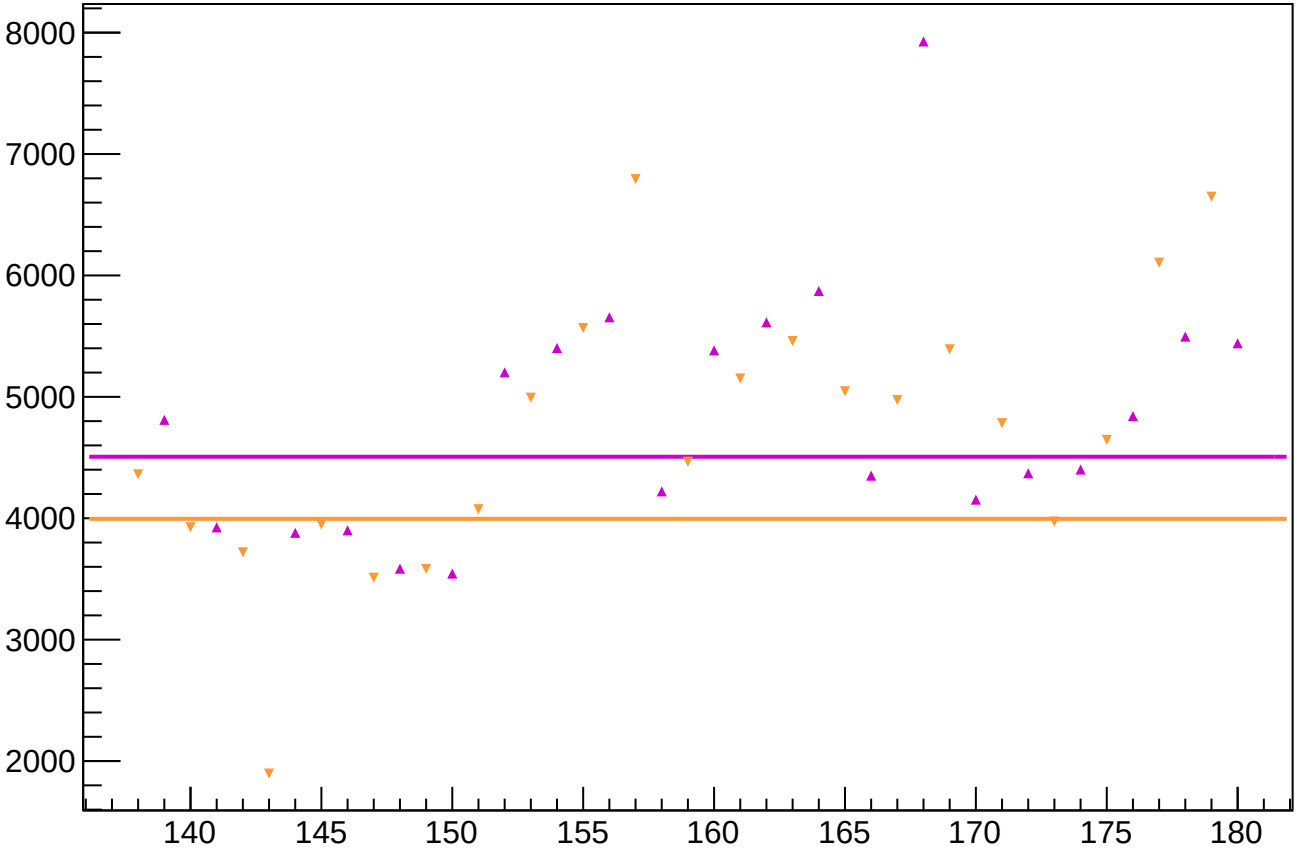
Left In: 139.965+/-1128.703 χ^2/NDF:14.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -145.989+/-763.174 χ^2/NDF: 42.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



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

Left Out: 3995.273+/-0.732 χ^2/NDF:3049007.0/21

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

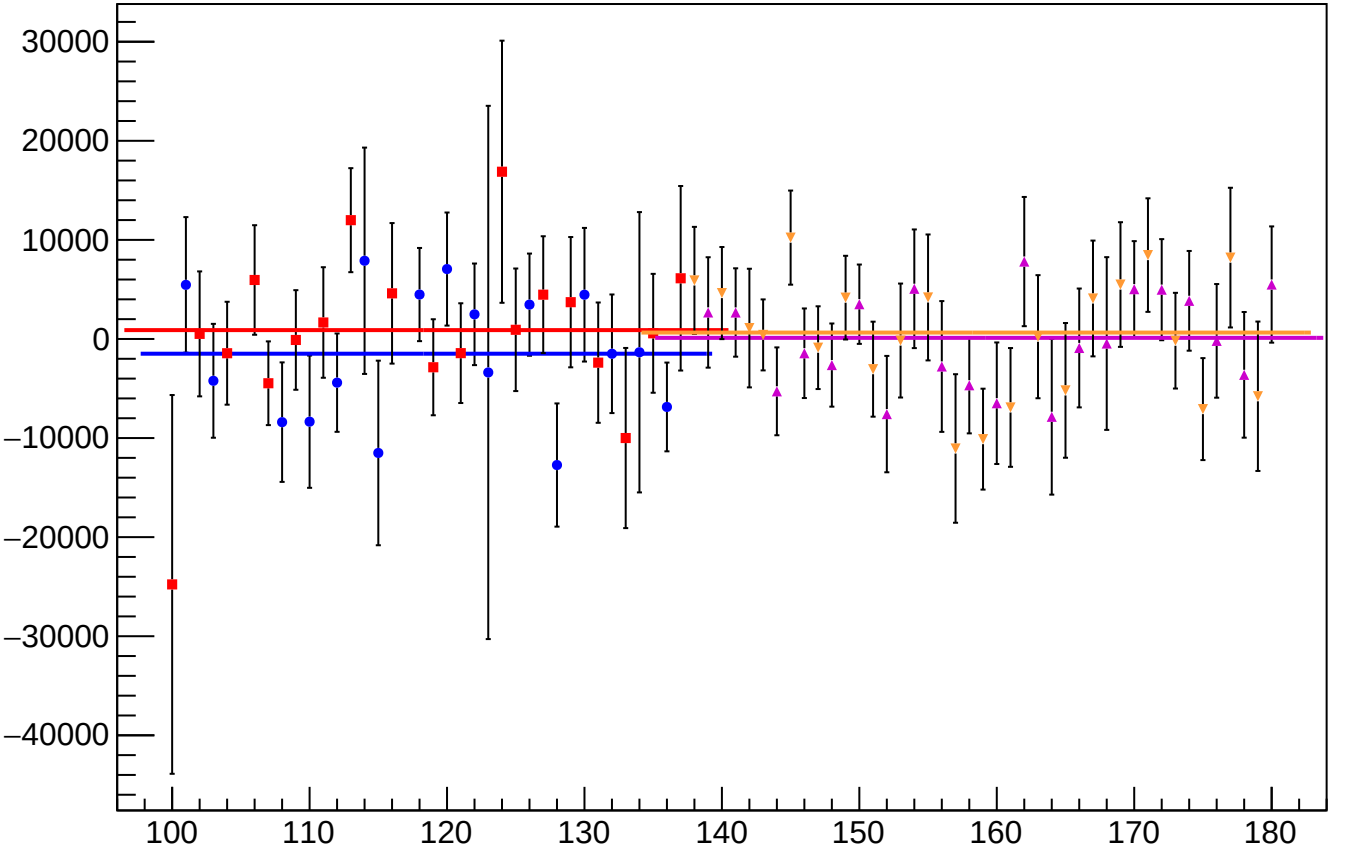
Left In: 4506.691+/-0.798 χ^2/NDF:1105142.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4229.084+/-0.540 χ^2/NDF: 4377032.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



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

Left Out: 646.361+/-1133.956 χ^2/NDF:23.7/21

Right Out: 894.160+/-1378.910 χ^2/NDF: 14.1/18

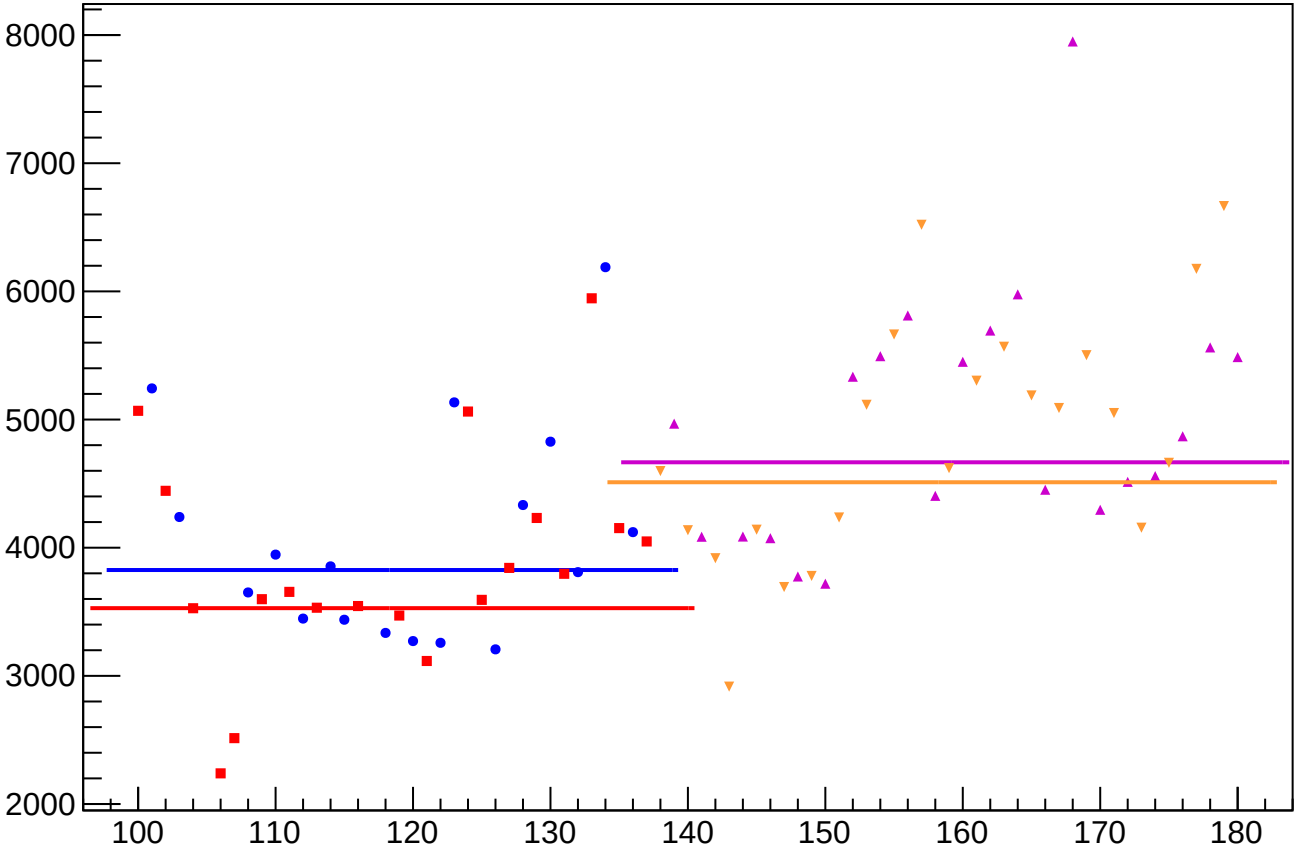
Left In: 113.600+/-1165.804 χ^2/NDF:14.1/20

+ sign -130.058+/-904.372 χ^2/NDF: 41.7/38

All: 158.927+/-634.442 χ^2/NDF: 70.3/78

- sign 438.967+/-890.266 χ^2/NDF: 28.5/39

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4510.702+/-0.802 χ^2/NDF:1304565.9/21

Right Out: 3528.289+/-0.966 χ^2/NDF: 555414.1/18

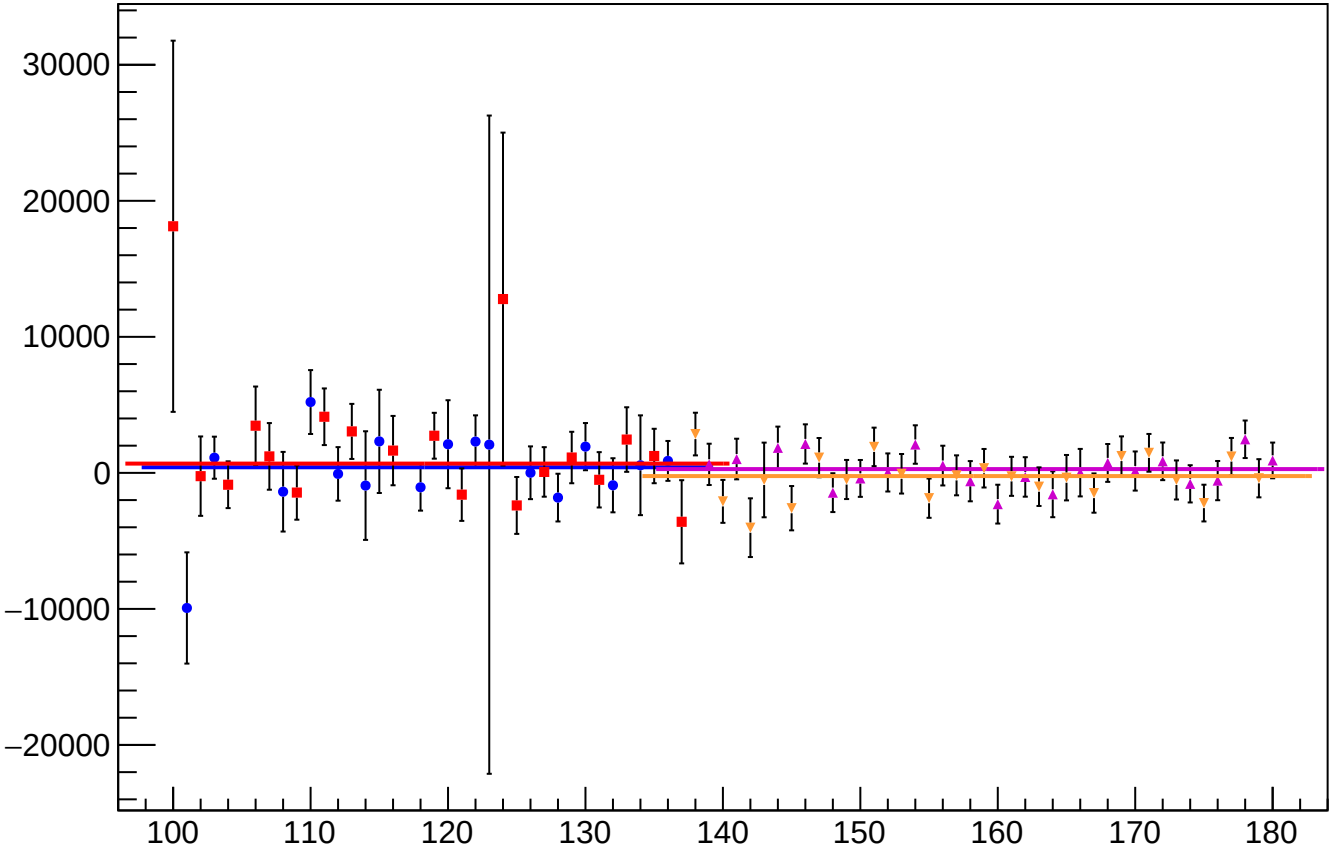
Left In: 4666.443+/-0.824 χ^2/NDF:961017.6/20

+ sign 4261.450+/-0.639 χ^2/NDF: 1904478.1/38

All: 4223.476+/-0.448 χ^2/NDF: 4230903.4/78

- sign 4186.957+/-0.627 χ^2/NDF: 2319507.8/39

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 411.419+/-527.980 χ^2/NDF: 16.5/16

Left Out: -235.274+/-319.310 χ^2/NDF:22.1/21

Right Out: 682.176+/-510.196 χ^2/NDF: 18.0/18

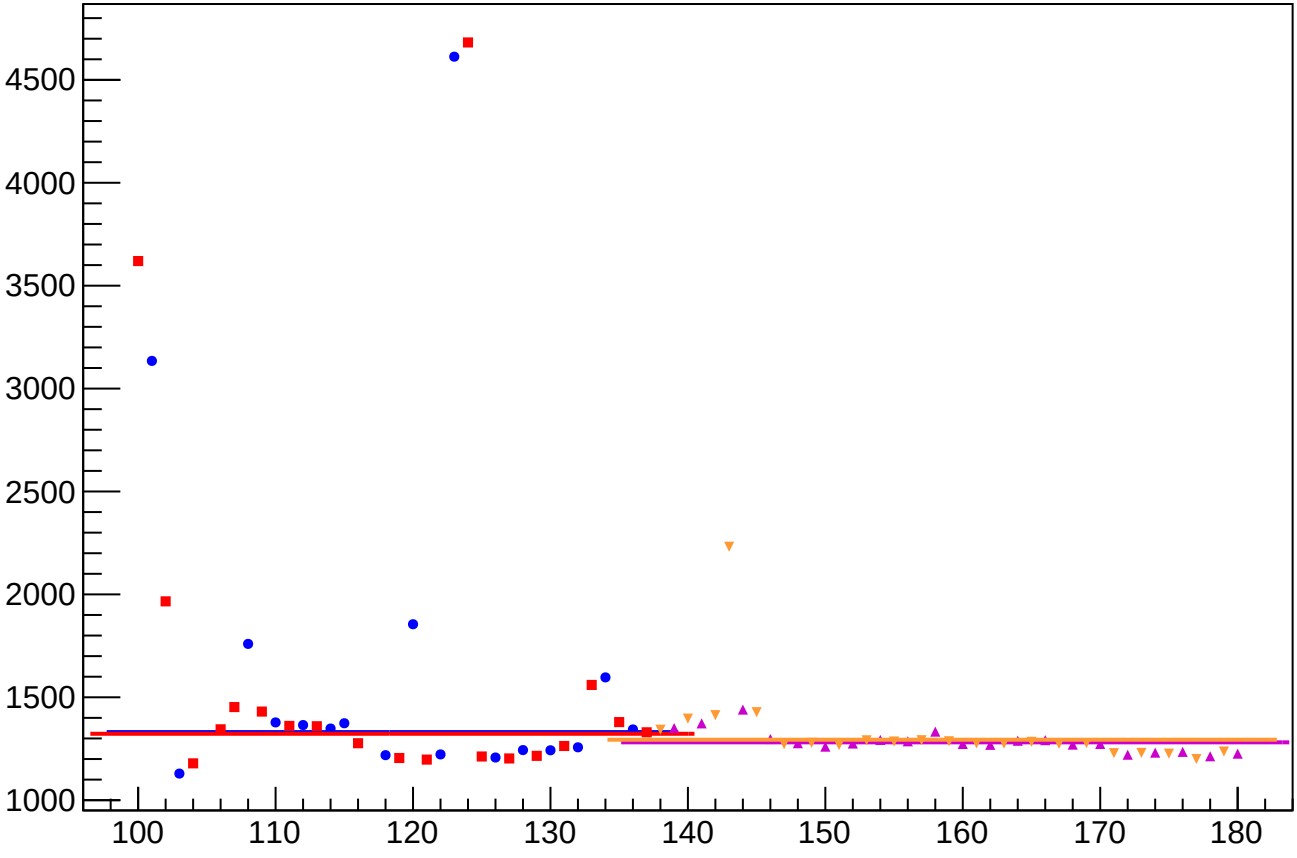
Left In: 278.383+/-315.698 χ^2/NDF:15.4/20

+ sign -62.087+/-273.229 χ^2/NDF: 39.7/38

All: 168.030+/-191.493 χ^2/NDF: 75.0/78

- sign 390.183+/-268.459 χ^2/NDF: 33.9/39

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1330.889+/-0.373 χ^2/NDF: 603474.5/16

Left Out: 1293.859+/-0.226 χ^2/NDF:292472.4/21

Right Out: 1322.706+/-0.361 χ^2/NDF: 394413.6/18

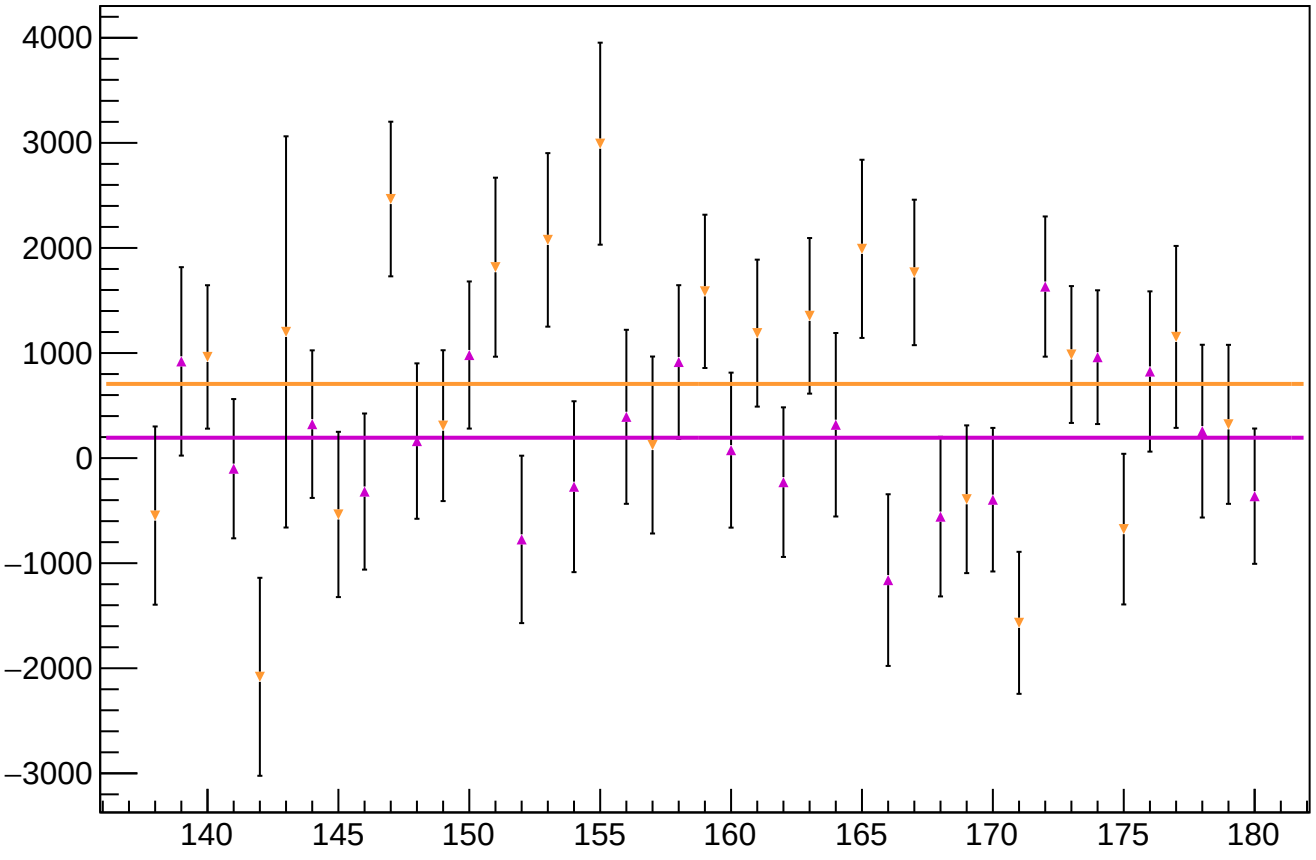
Left In: 1281.100+/-0.223 χ^2/NDF:53378.2/20

+ sign 1303.776+/-0.193 χ^2/NDF: 903150.4/38

All: 1298.099+/-0.135 χ^2/NDF: 1362256.6/78

- sign 1292.620+/-0.190 χ^2/NDF: 457409.8/39

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 706.096+/-165.488 χ^2/NDF:55.8/21

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

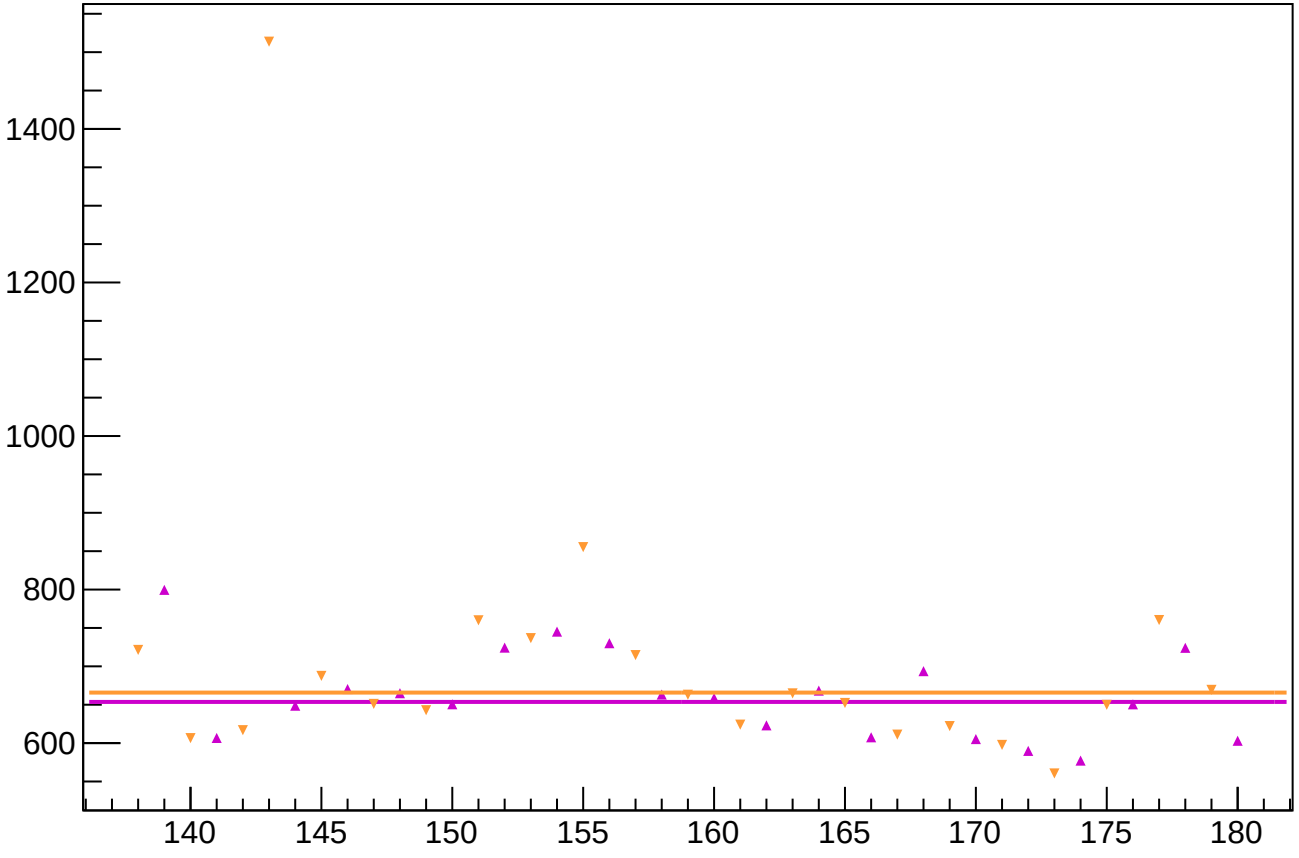
Left In: 193.927+/-161.231 χ^2/NDF:17.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 443.338+/-115.483 χ^2/NDF: 78.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

Left Out: 665.813+/-0.117 χ^2/NDF:697317.7/21

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

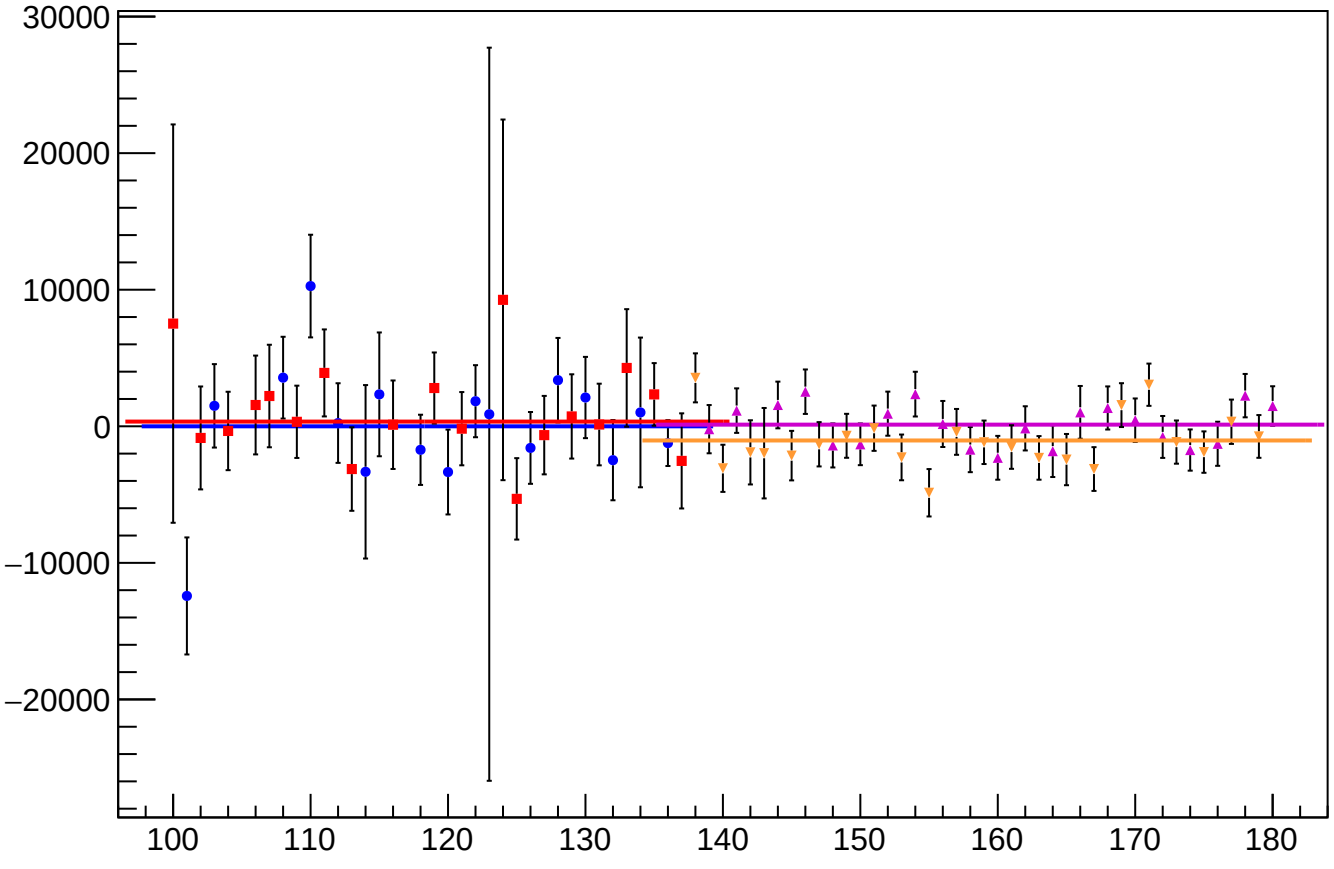
Left In: 653.642+/-0.114 χ^2/NDF:223693.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 659.569+/-0.082 χ^2/NDF: 926561.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -2.204+/-745.061 χ^2/NDF: 23.5/16

Left Out: -1038.305+/-360.872 χ^2/NDF:28.1/21

Right Out: 345.148+/-733.723 χ^2/NDF: 10.7/18

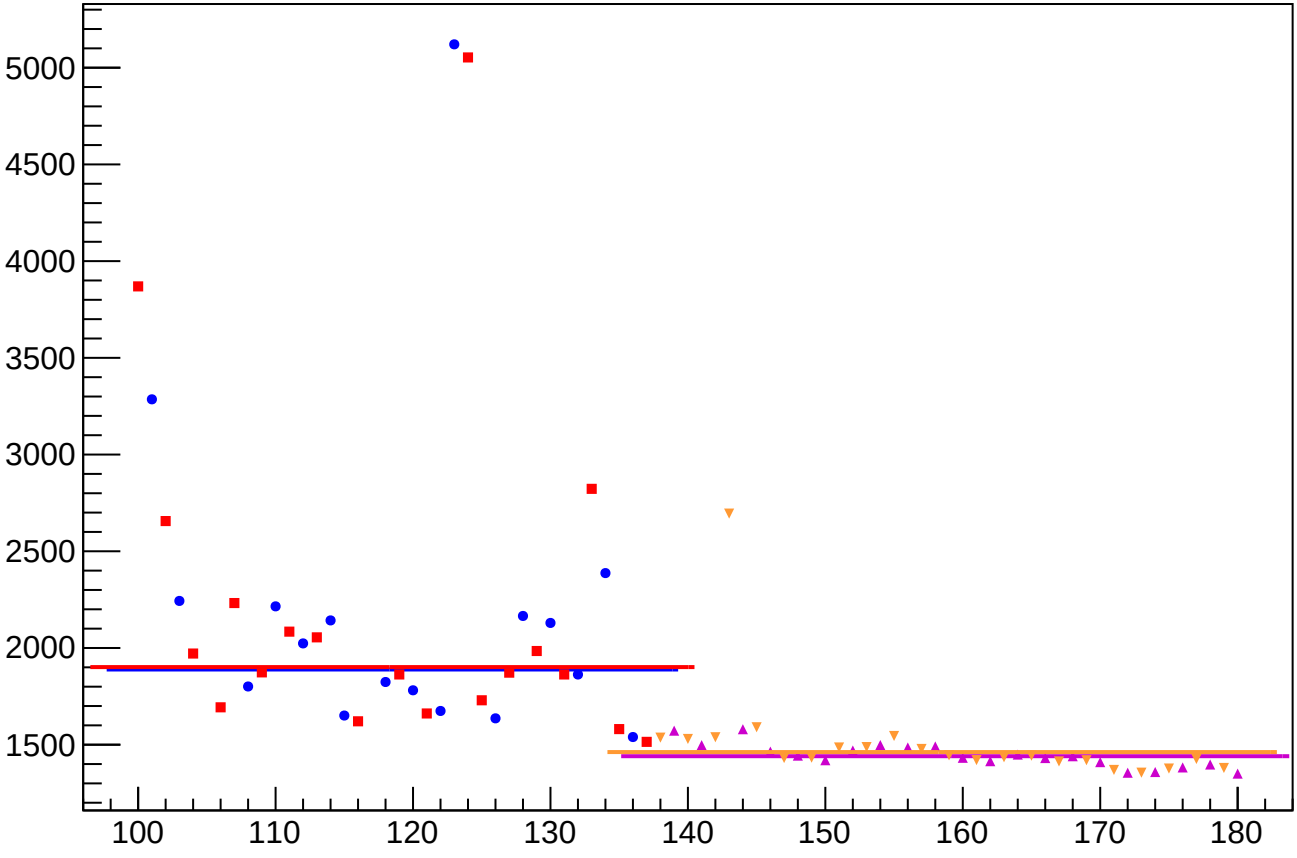
Left In: 120.689+/-354.868 χ^2/NDF:18.0/20

+ sign -841.426+/-324.781 χ^2/NDF: 53.1/38

All: -330.804+/-227.752 χ^2/NDF: 86.8/78

- sign 163.241+/-319.465 χ^2/NDF: 28.8/39

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1888.810+/-0.527 χ^2/NDF: 465842.8/16

Left Out: 1461.937+/-0.255 χ^2/NDF:337500.5/21

Right Out: 1901.248+/-0.519 χ^2/NDF: 461424.3/18

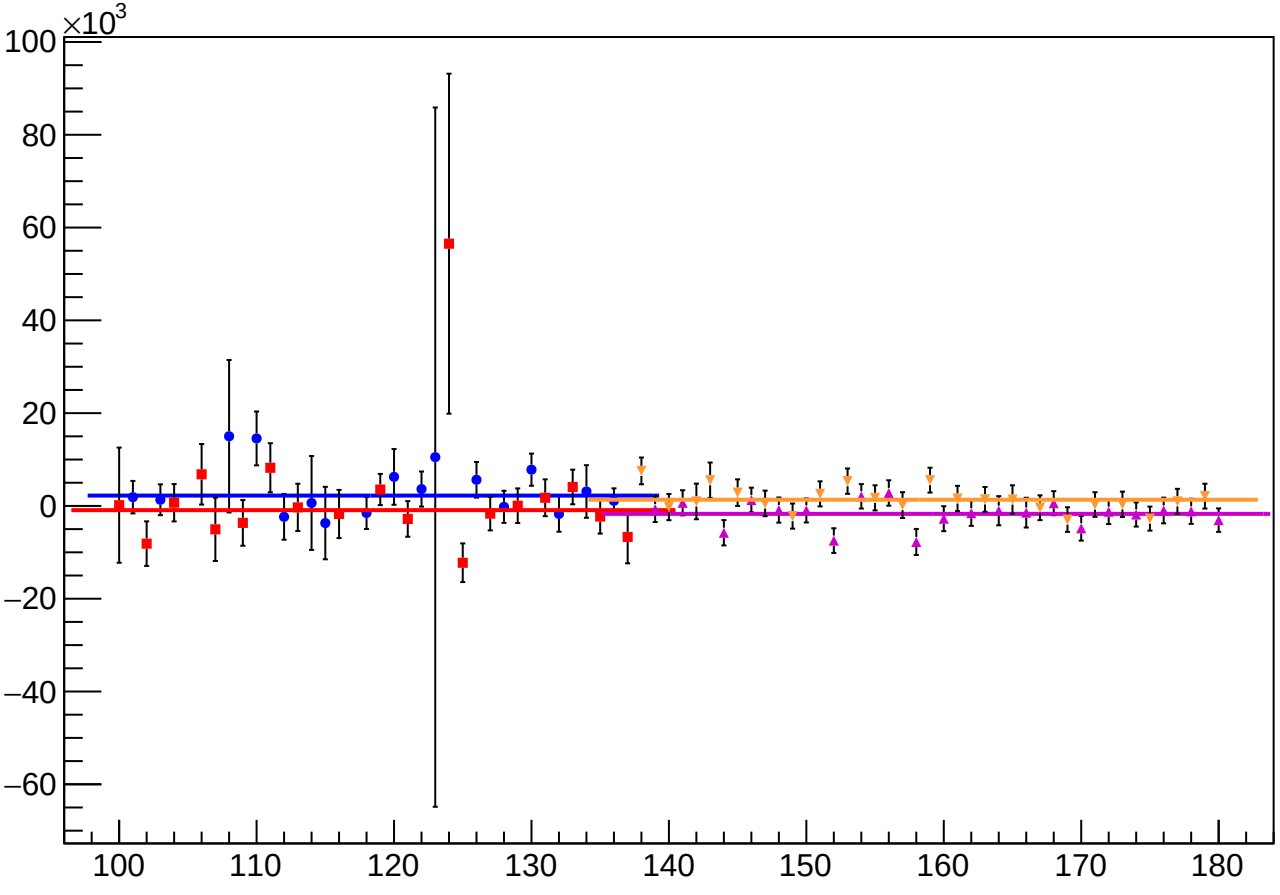
Left In: 1440.569+/-0.251 χ^2/NDF:59459.4/20

+ sign 1543.052+/-0.230 χ^2/NDF: 1335112.1/38

All: 1535.353+/-0.161 χ^2/NDF: 2497185.0/78

- sign 1527.905+/-0.226 χ^2/NDF: 1159861.8/39

dit_asym_atl1_mean vs Slug



Right In: 2227.517+/-1039.288 χ^2/NDF: 13.6/16

Left Out: 1334.534+/-596.135 χ^2/NDF:19.2/21

Right Out: -907.837+/-1046.878 χ^2/NDF: 22.9/18

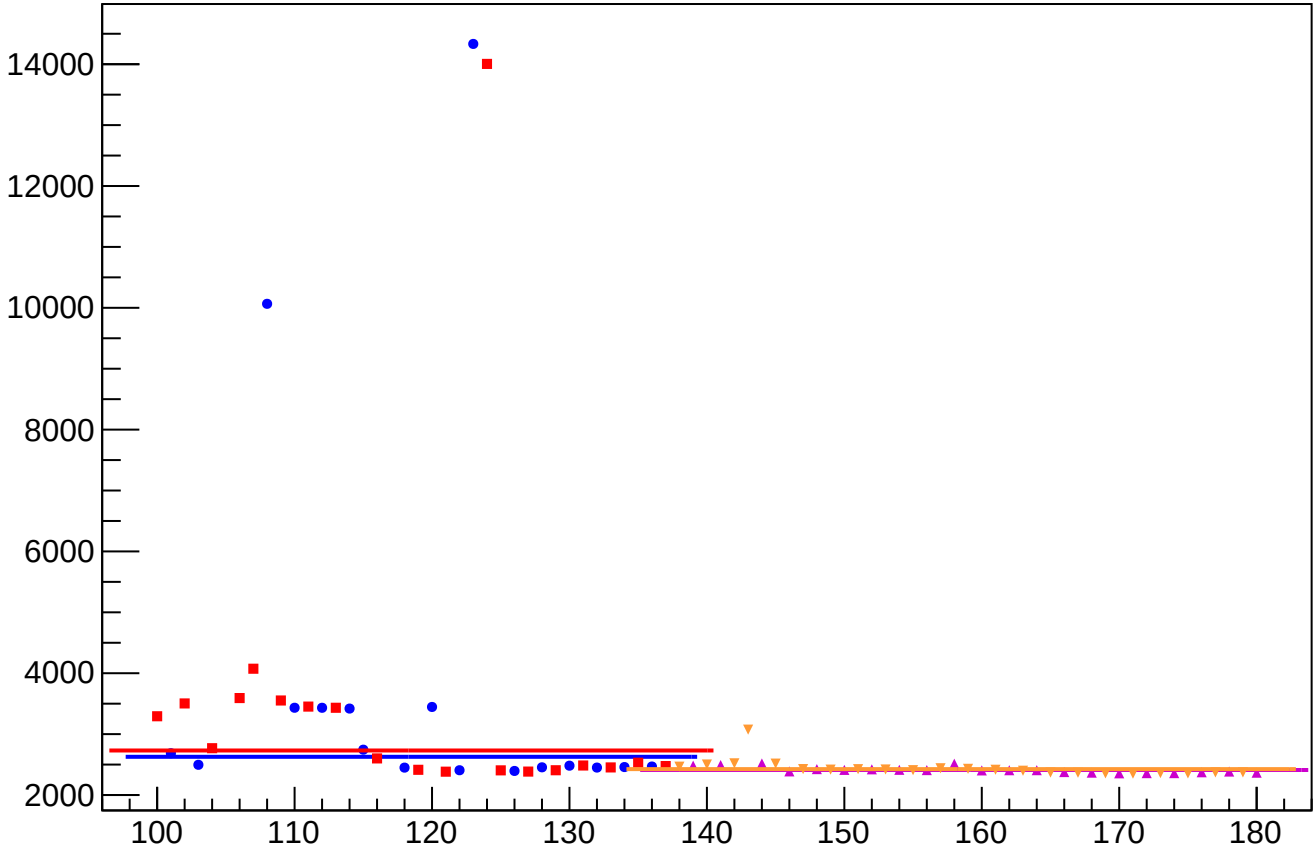
Left In: -1712.493+/-593.441 χ^2/NDF:21.5/20

+ sign 1555.605+/-517.106 χ^2/NDF: 33.3/38

All: 16.891+/-365.351 χ^2/NDF: 95.8/78

- sign -1516.808+/-516.263 χ^2/NDF: 44.8/39

dit_asym_atl1_rms vs Slug



Right In: 2627.570+/-0.735 χ^2/NDF: 644396.7/16

Left Out: 2425.417+/-0.422 χ^2/NDF:72262.1/21

Right Out: 2731.271+/-0.740 χ^2/NDF: 598207.5/18

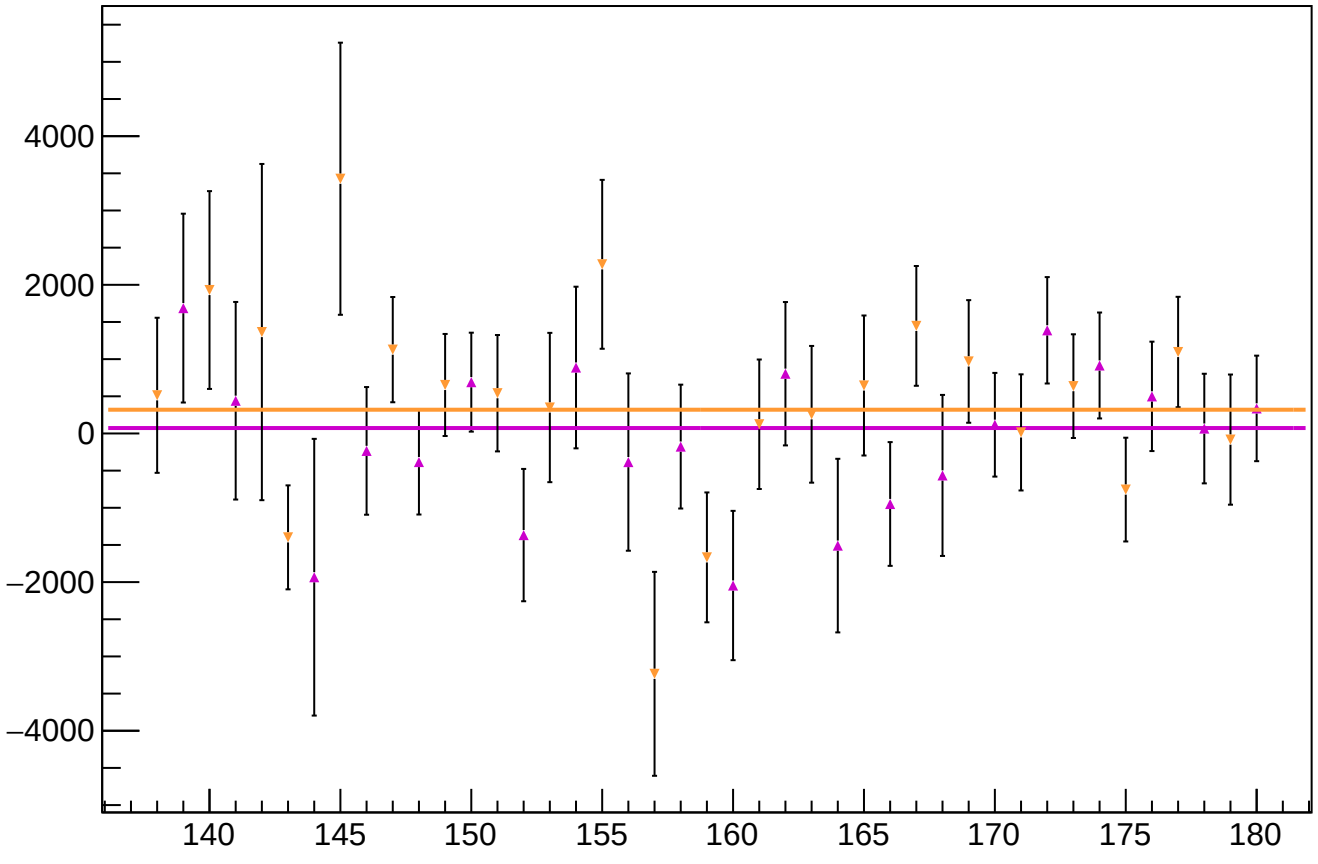
Left In: 2410.838+/-0.420 χ^2/NDF:13478.2/20

+ sign 2475.462+/-0.366 χ^2/NDF: 773595.3/38

All: 2482.124+/-0.258 χ^2/NDF: 1527750.5/78

- sign 2488.765+/-0.365 χ^2/NDF: 753492.4/39

asym_atl1_correction_mean vs Slug



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

Left Out: 319.523+/-186.106 χ^2/NDF:33.9/21

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

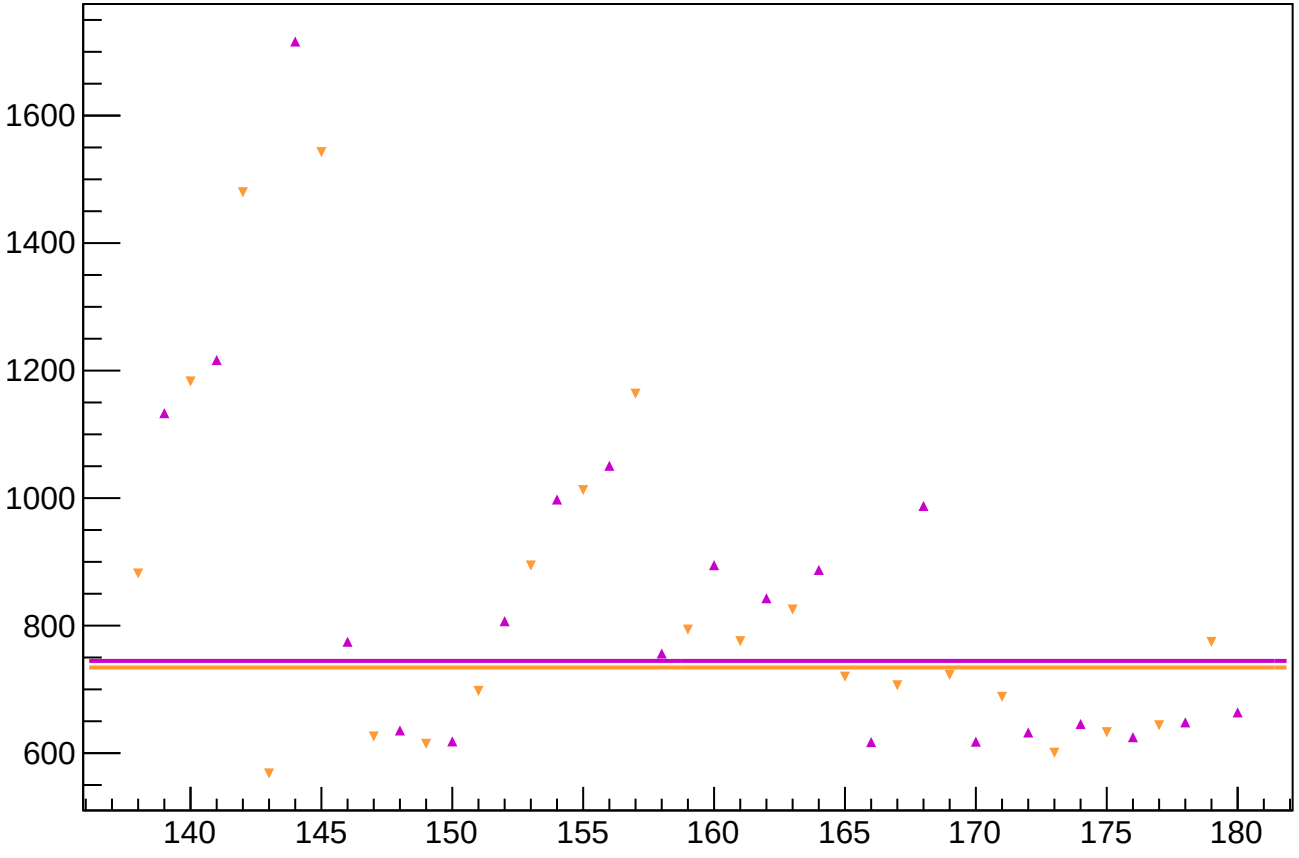
Left In: 72.973+/-188.713 χ^2/NDF:21.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 197.963+/-132.509 χ^2/NDF: 56.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_correction_rms vs Slug



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

Left Out: 734.342+/-0.132 χ^2/NDF:1659114.3/21

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

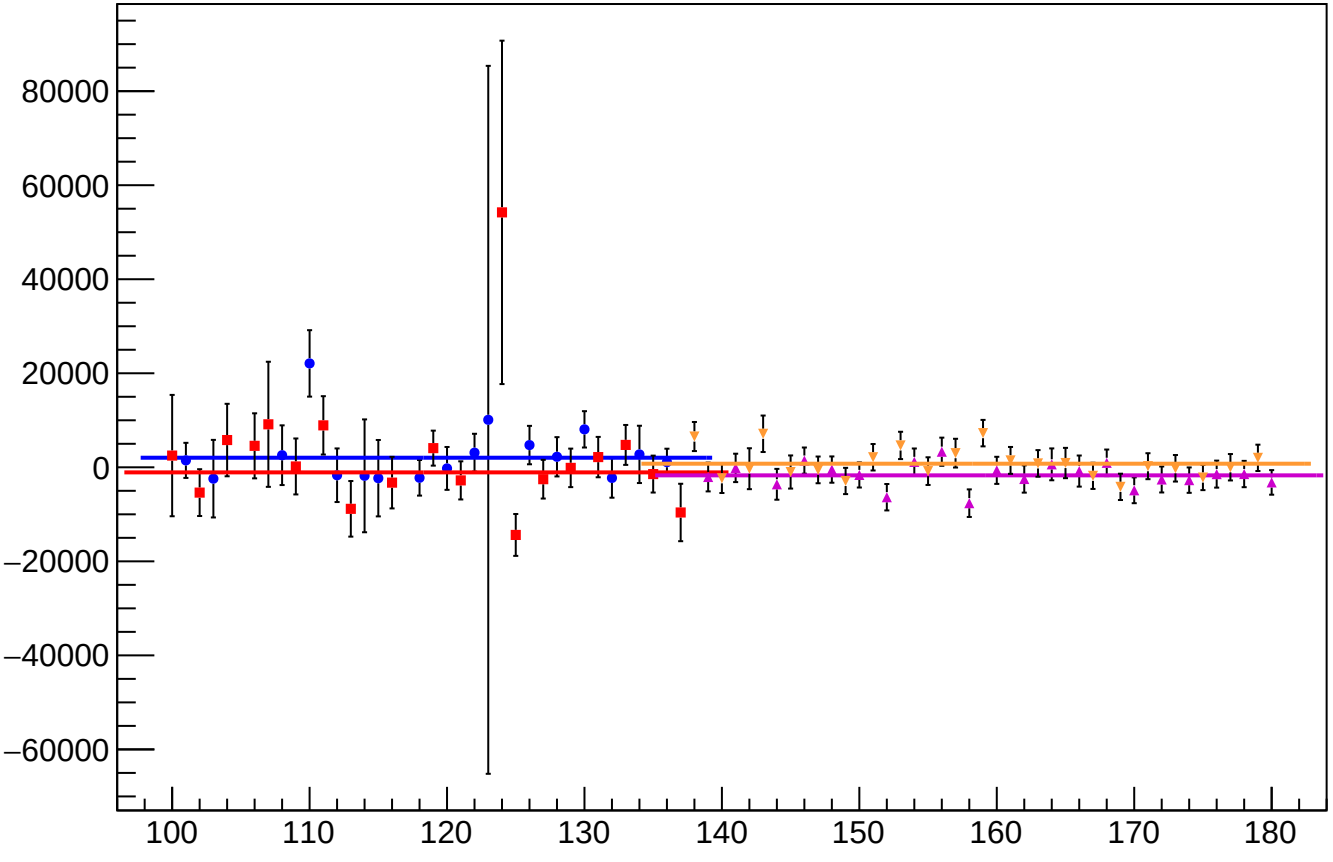
Left In: 744.672+/-0.133 χ^2/NDF:1865544.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 739.435+/-0.094 χ^2/NDF: 3527696.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl1_mean vs Slug



Right In: 2037.803+/-1151.419 χ^2/NDF: 14.8/16

Left Out: 765.573+/-632.137 χ^2/NDF:23.3/21

Right Out: -1080.125+/-1186.666 χ^2/NDF: 25.3/18

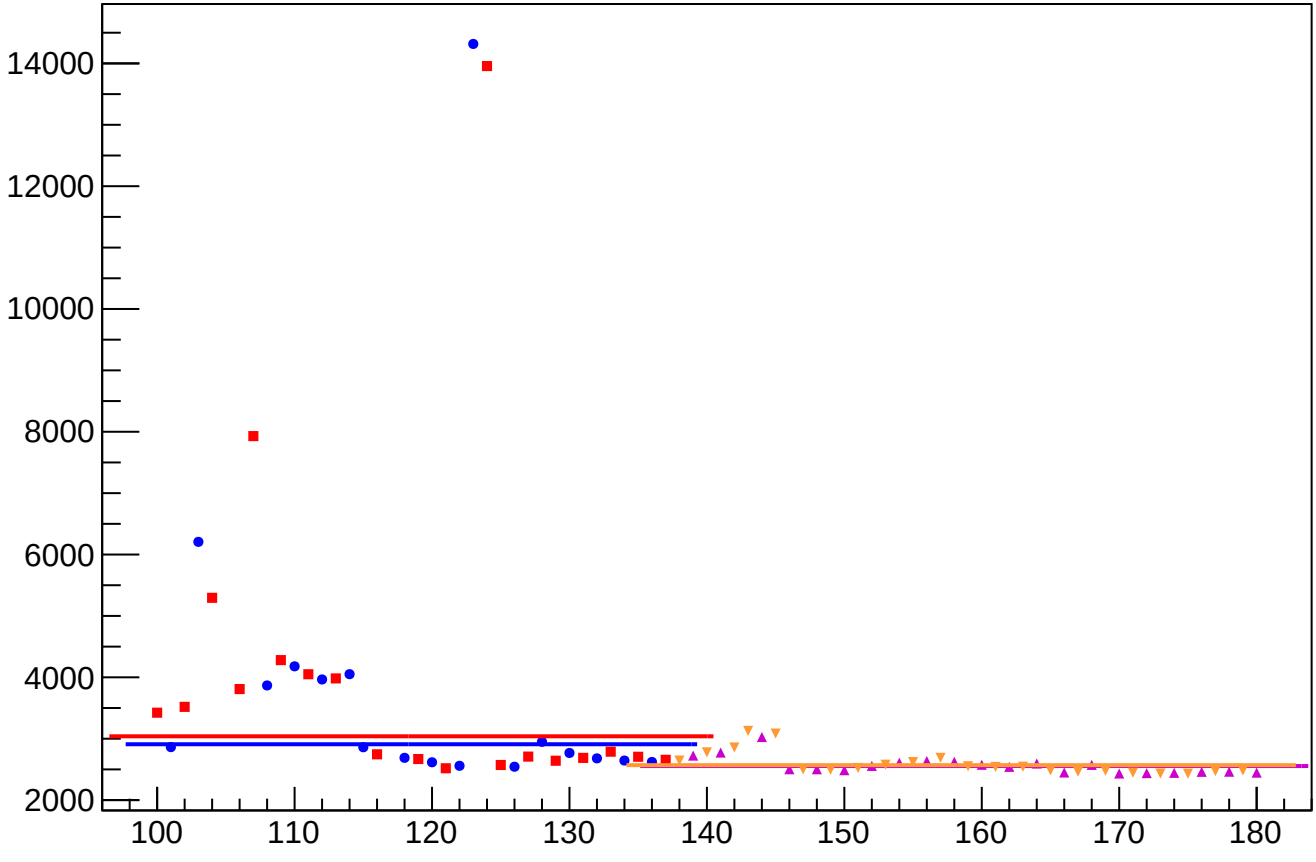
Left In: -1711.281+/-629.577 χ^2/NDF:16.3/20

+ sign 1060.224+/-554.120 χ^2/NDF: 39.0/38

All: -251.393+/-392.539 χ^2/NDF: 92.2/78

- sign -1572.647+/-556.153 χ^2/NDF: 41.9/39

asym_atl1_rms vs Slug



Right In: 2909.732+/-0.814 χ^2/NDF: 641894.7/16

Left Out: 2569.143+/-0.447 χ^2/NDF:134810.0/21

Right Out: 3039.118+/-0.839 χ^2/NDF: 1011306.5/18

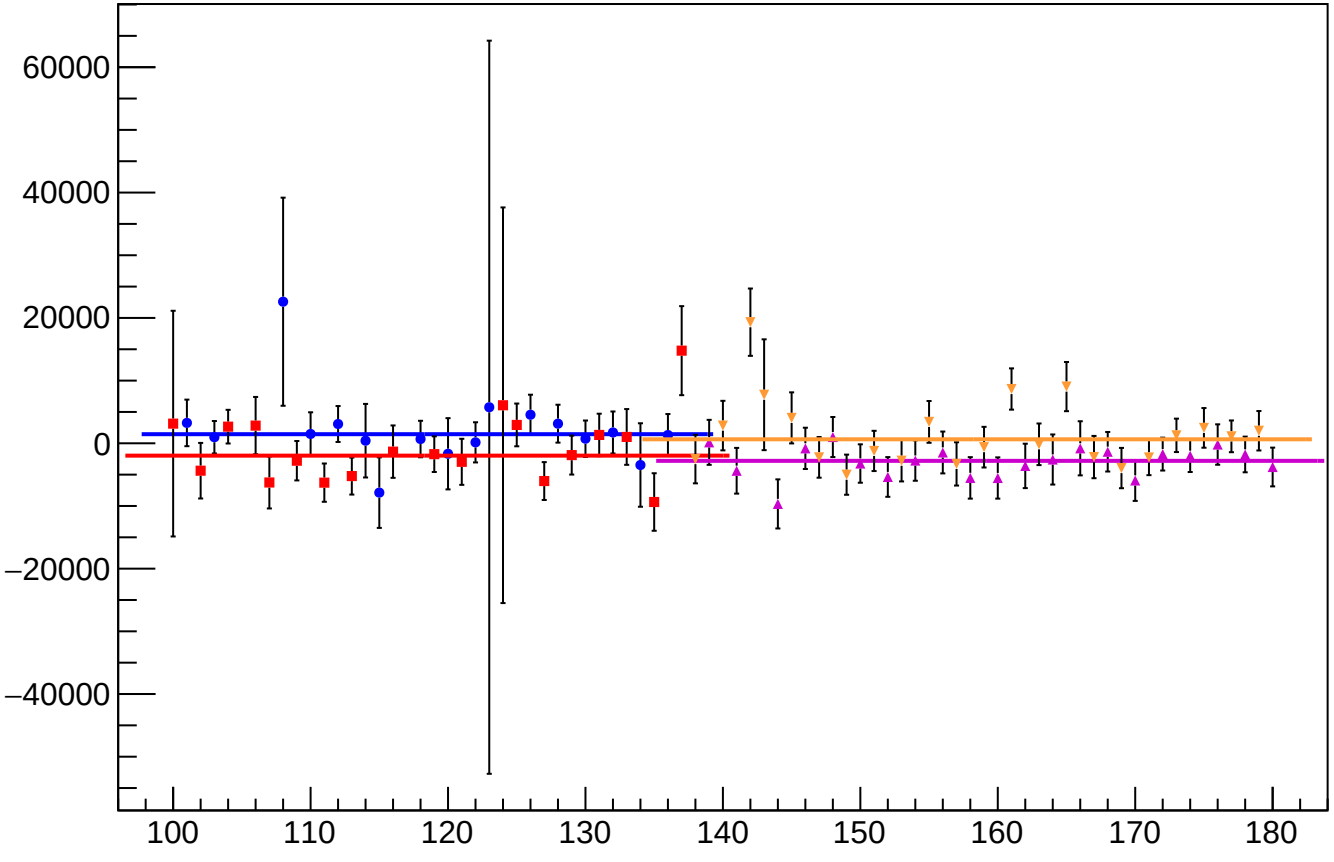
Left In: 2554.656+/-0.445 χ^2/NDF:85267.0/20

+ sign 2648.024+/-0.392 χ^2/NDF: 911170.6/38

All: 2654.522+/-0.278 χ^2/NDF: 2268420.5/78

- sign 2661.068+/-0.393 χ^2/NDF: 1356697.8/39

dit_asym_atl2_mean vs Slug



Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: 636.413+/-717.192 χ^2/NDF:36.9/21

Right Out: -1969.182+/-850.490 χ^2/NDF: 22.4/18

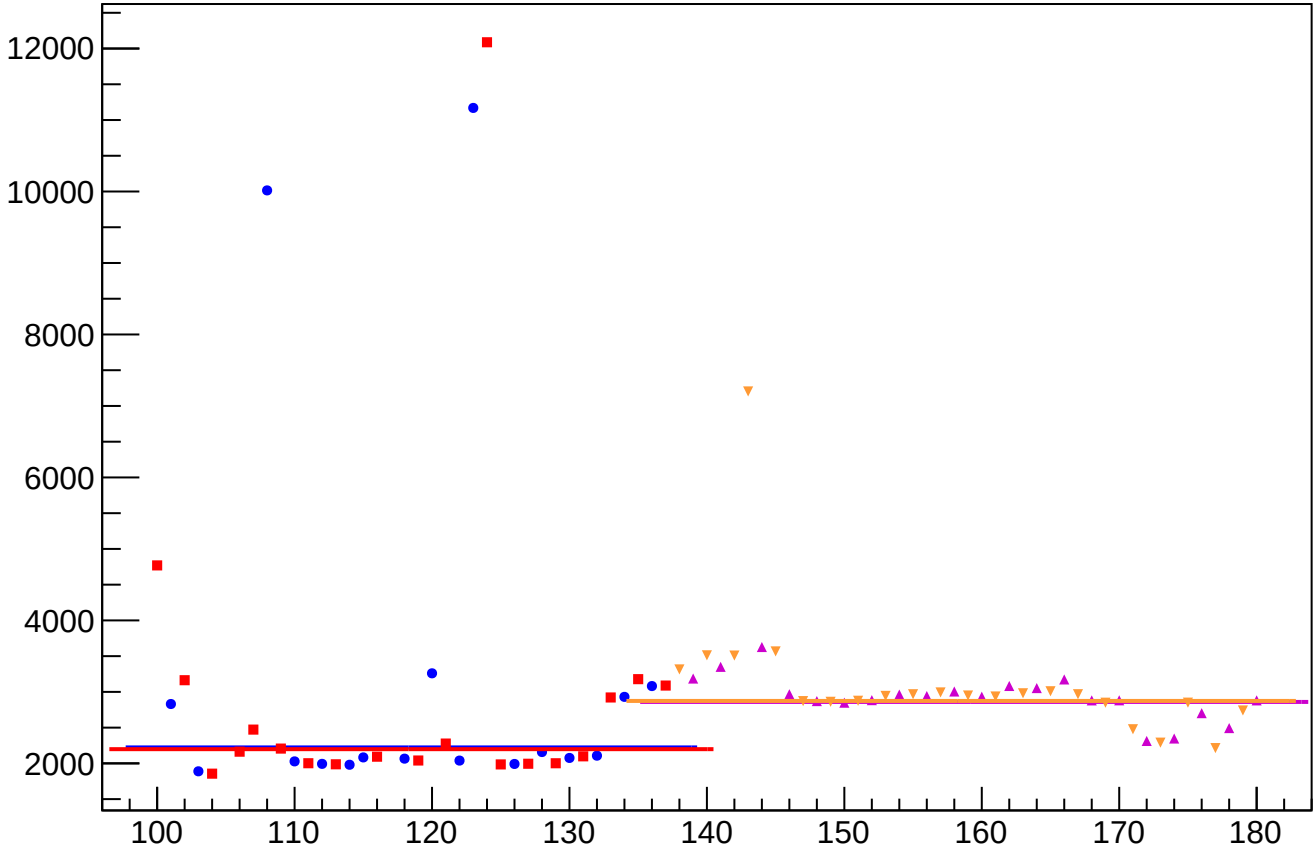
Left In: -2801.041+/-708.391 χ^2/NDF:10.5/20

+ sign 957.942+/-558.195 χ^2/NDF: 44.8/38

All: -794.225+/-389.702 χ^2/NDF: 97.4/78

- sign -2460.314+/-544.311 χ^2/NDF: 33.4/39

dit_asym_atl2_rms vs Slug



Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 2873.438+/-0.507 χ^2/NDF:931042.0/21

Right Out: 2198.760+/-0.601 χ^2/NDF: 602418.1/18

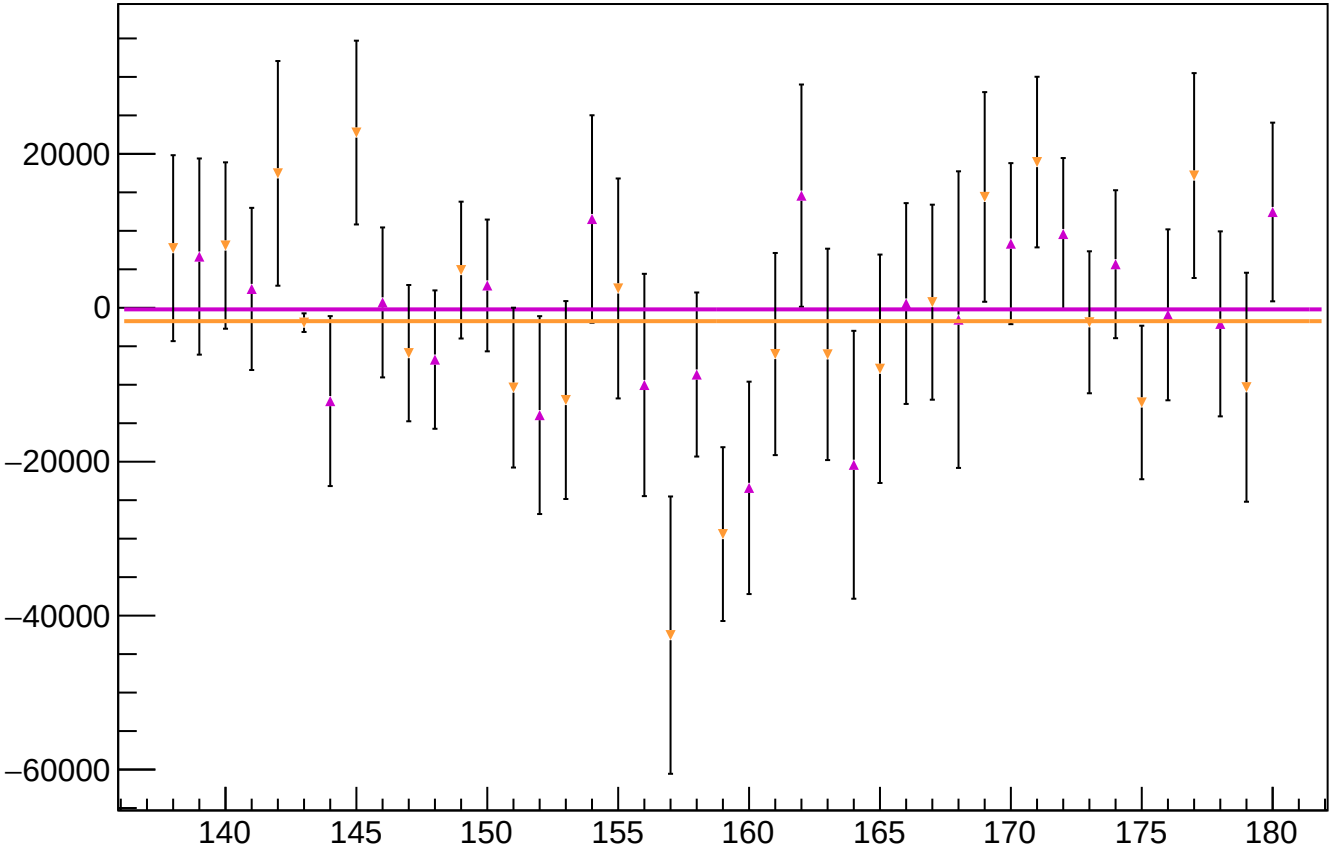
Left In: 2859.514+/-0.501 χ^2/NDF:366237.4/20

+ sign 2617.061+/-0.395 χ^2/NDF: 2429600.6/38

All: 2602.489+/-0.276 χ^2/NDF: 4114247.2/78

- sign 2588.640+/-0.385 χ^2/NDF: 1681988.0/39

asym_atl2_correction_mean vs Slug



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

Left Out: -1737.892+/-1094.000 χ^2/NDF:29.5/21

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

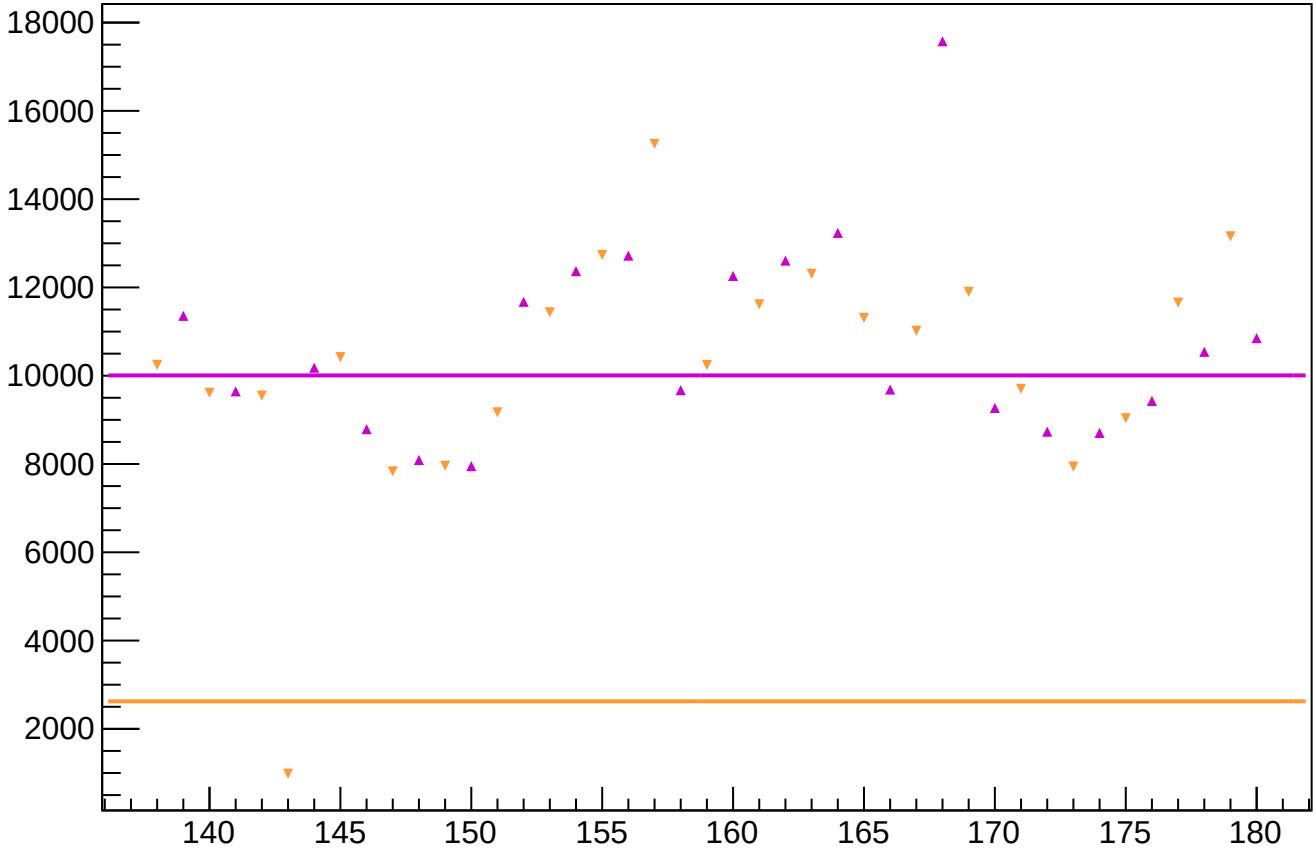
Left In: -205.894+/-2502.756 χ^2/NDF:13.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1492.128+/-1002.417 χ^2/NDF: 43.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_correction_rms vs Slug



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

Left Out: 2624.273+/-0.774 χ^2/NDF:21316777.3/21

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

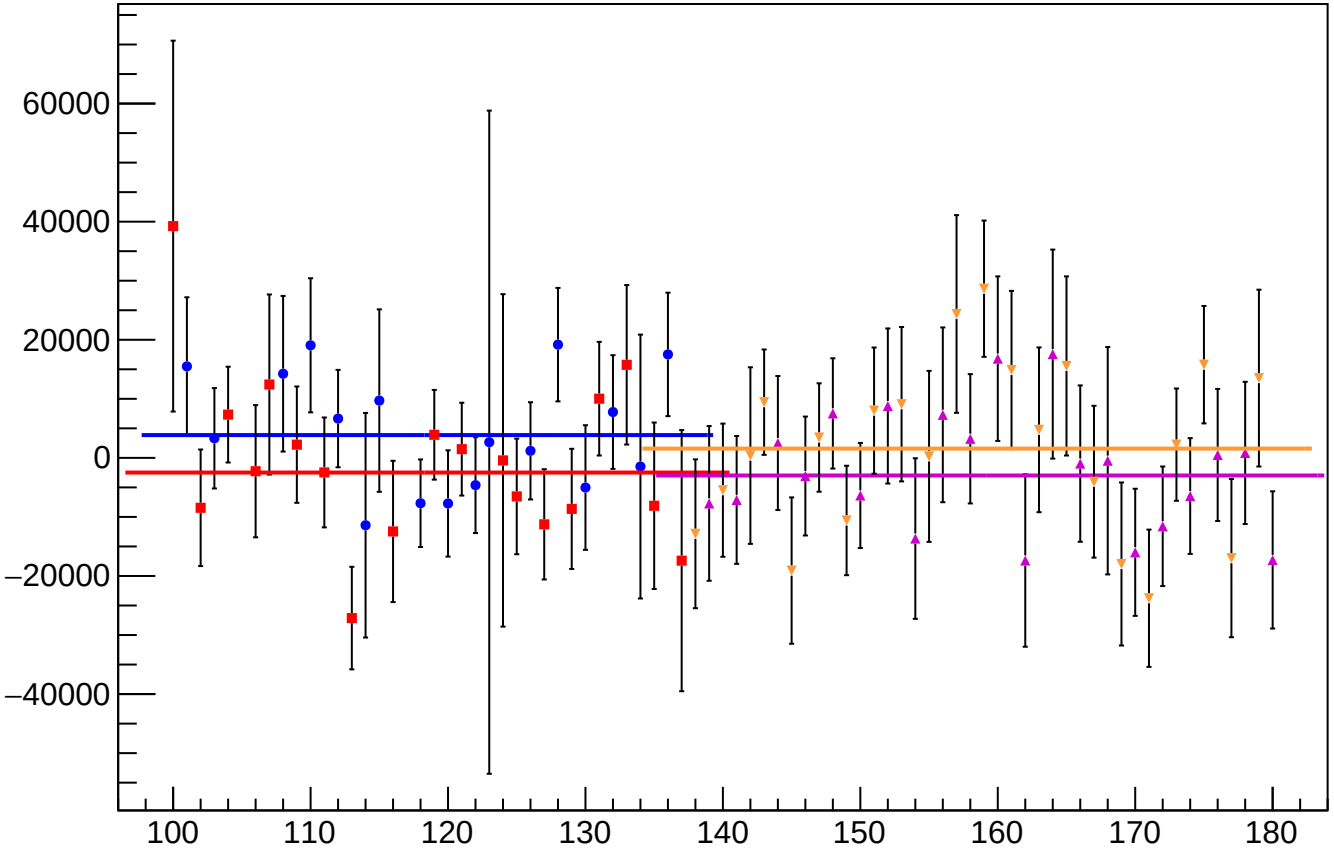
Left In: 10006.686+/-1.770 χ^2/NDF:1026867.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3808.563+/-0.709 χ^2/NDF: 36953687.2/4

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_mean vs Slug



Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: 1572.740+/-2526.556 χ^2/NDF:28.5/21

Right Out: -2482.925+/-2421.310 χ^2/NDF: 20.0/18

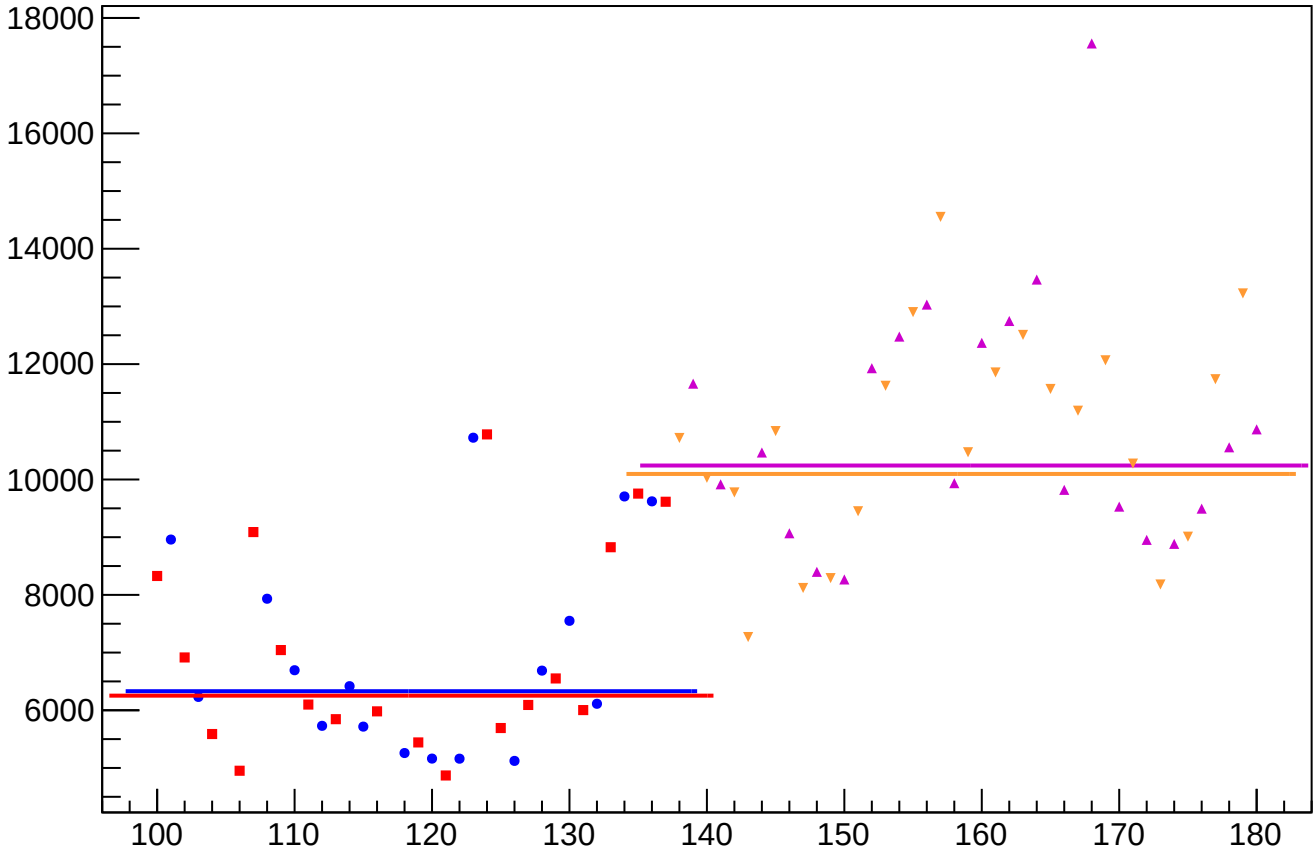
Left In: -2982.347+/-2558.761 χ^2/NDF:12.5/20

+ sign 2724.376+/-1780.228 χ^2/NDF: 43.7/38

All: -30.338+/-1251.134 χ^2/NDF: 81.0/78

- sign -2718.862+/-1758.710 χ^2/NDF: 32.6/39

asym_atl2_rms vs Slug



Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 10096.171+/-1.787 χ^2/NDF:1027394.9/21

Right Out: 6253.330+/-1.712 χ^2/NDF: 535355.5/18

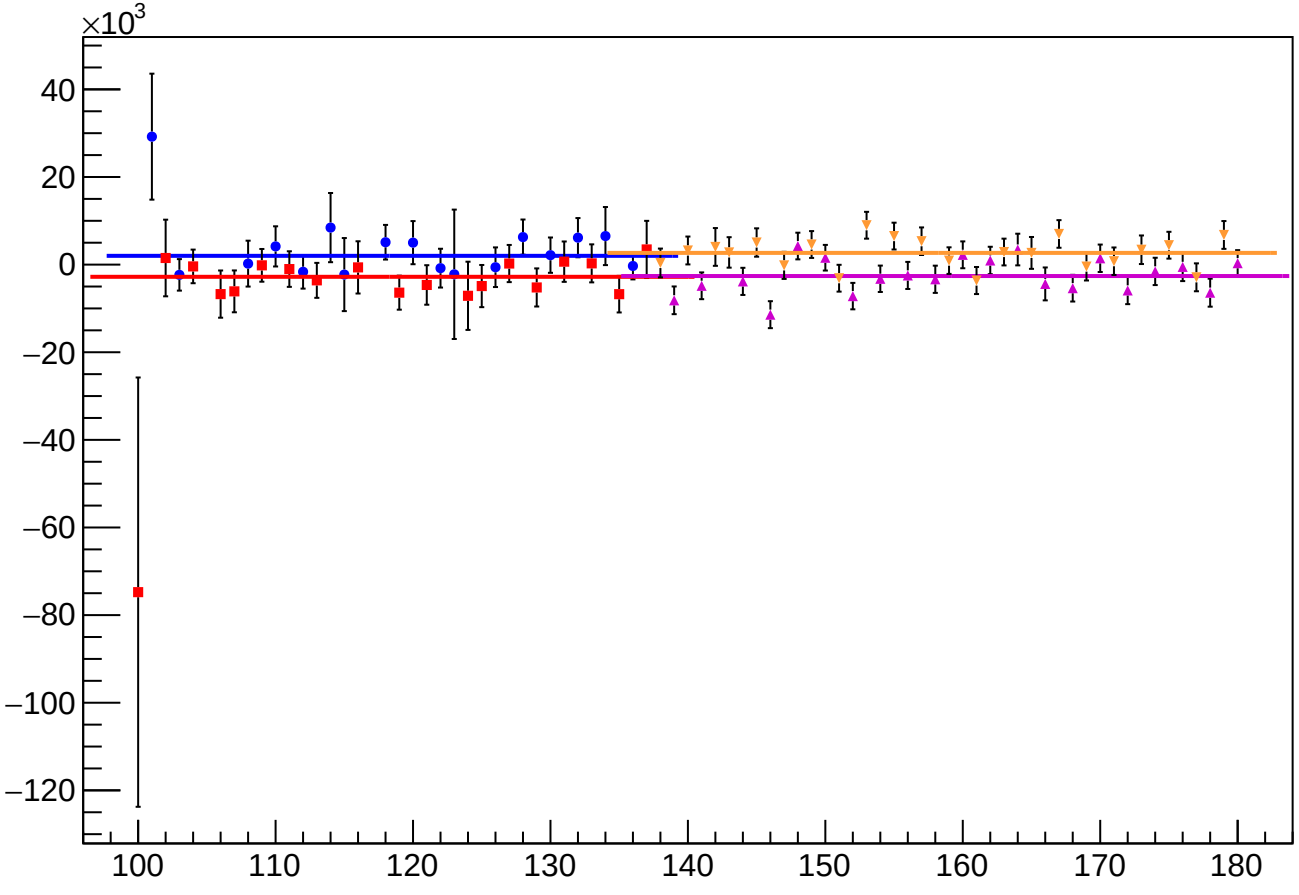
Left In: 10242.268+/-1.809 χ^2/NDF:947675.3/20

+ sign 8199.930+/-1.259 χ^2/NDF: 3858131.2/38

All: 8168.433+/-0.885 χ^2/NDF: 7906833.3/78

- sign 8137.695+/-1.244 χ^2/NDF: 4047465.1/39

dit_asym_atr1_mean vs Slug



Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 2677.259+/-681.556 χ^2/NDF:25.3/21

Right Out: -2781.006+/-1086.164 χ^2/NDF: 9.9/18

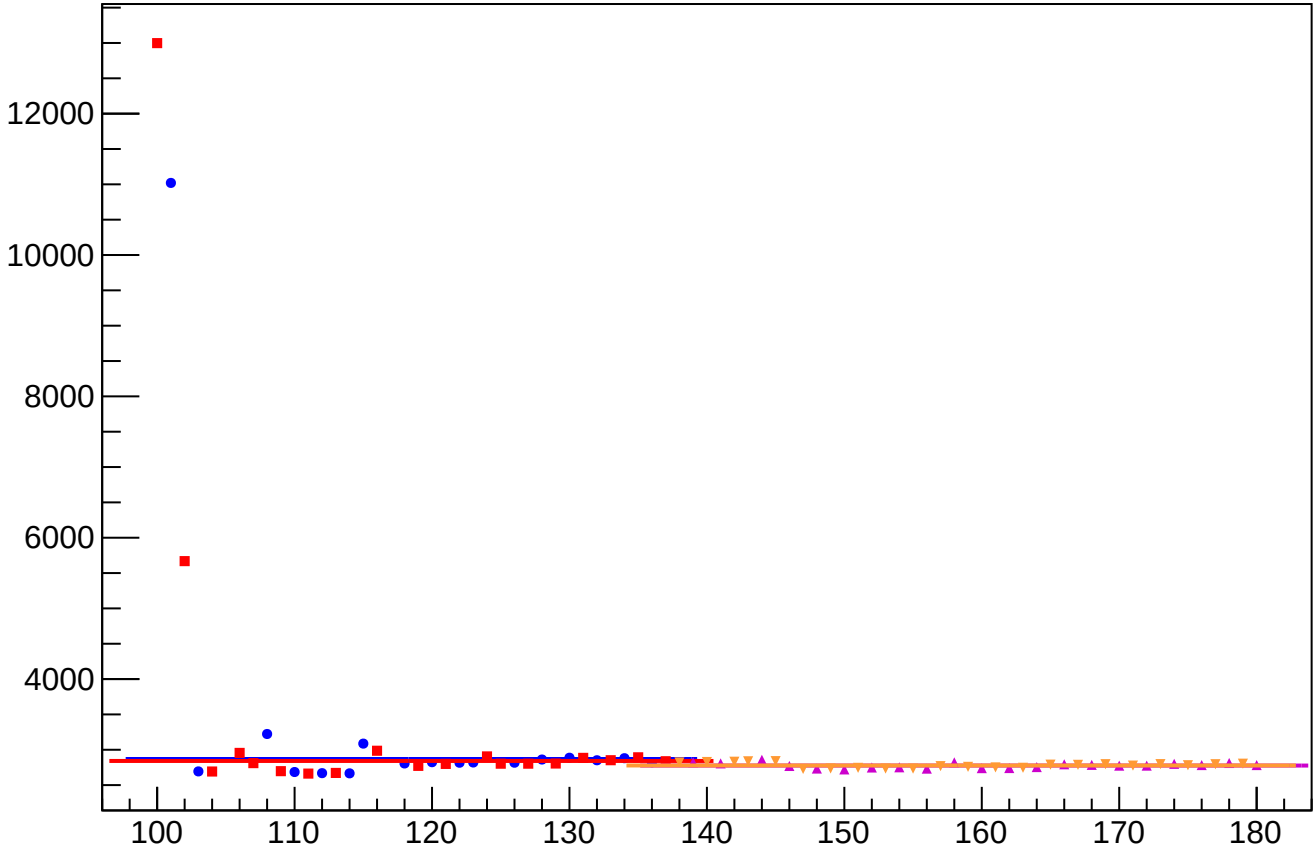
Left In: -2604.472+/-682.567 χ^2/NDF:34.8/20

+ sign 2499.020+/-584.199 χ^2/NDF: 37.6/38

All: -105.536+/-410.855 χ^2/NDF: 121.7/78

- sign -2654.450+/-577.925 χ^2/NDF: 44.7/39

dit_asym_atr1_rms vs Slug



Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2777.713+/-0.482 χ^2/NDF:5236.4/21

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

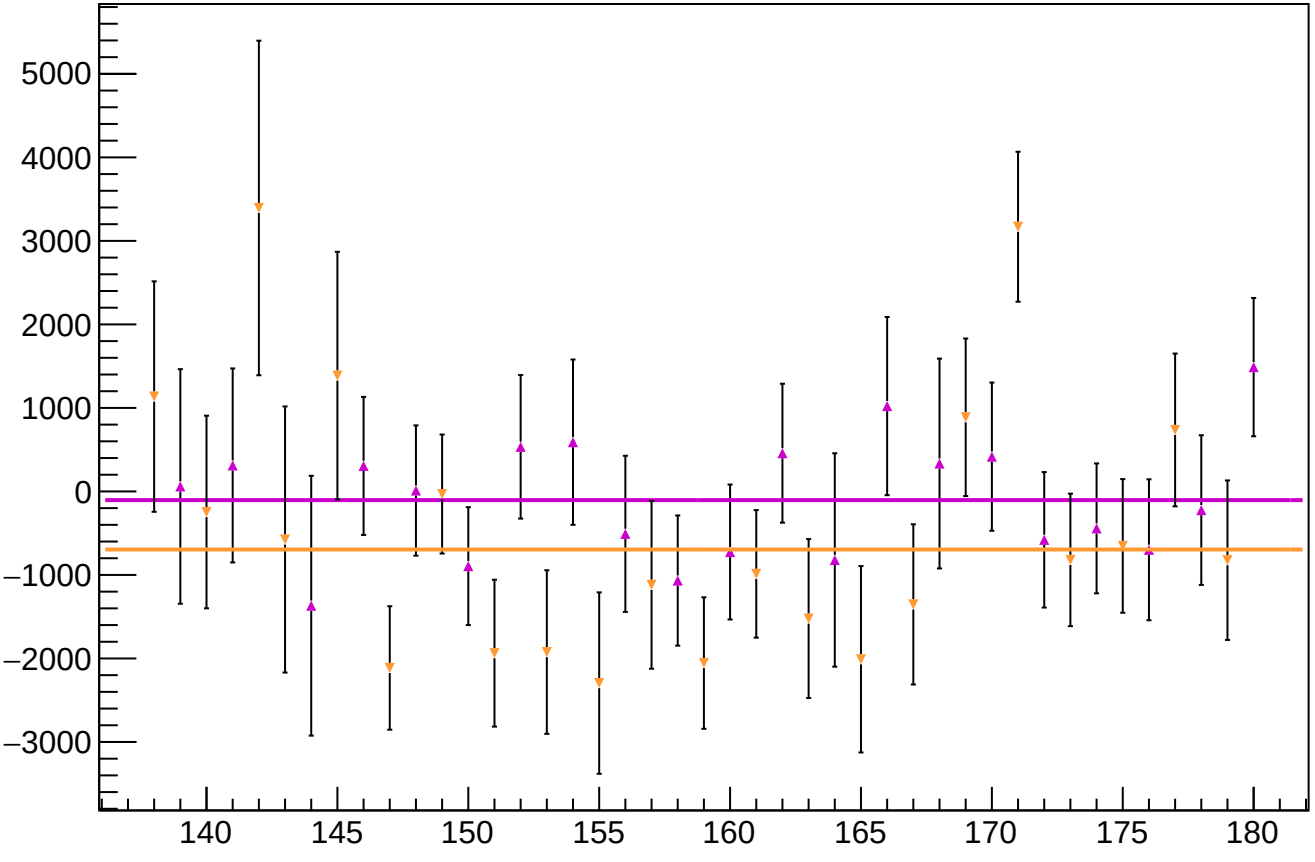
Left In: 2776.444+/-0.483 χ^2/NDF:5291.3/20

+ sign 2801.982+/-0.413 χ^2/NDF: 684696.2/38

All: 2798.392+/-0.291 χ^2/NDF: 1007813.2/78

- sign 2794.879+/-0.409 χ^2/NDF: 322967.6/39

asym_atr1_correction_mean vs Slug



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

Left Out: -695.290+/-202.134 χ^2/NDF:48.1/21

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

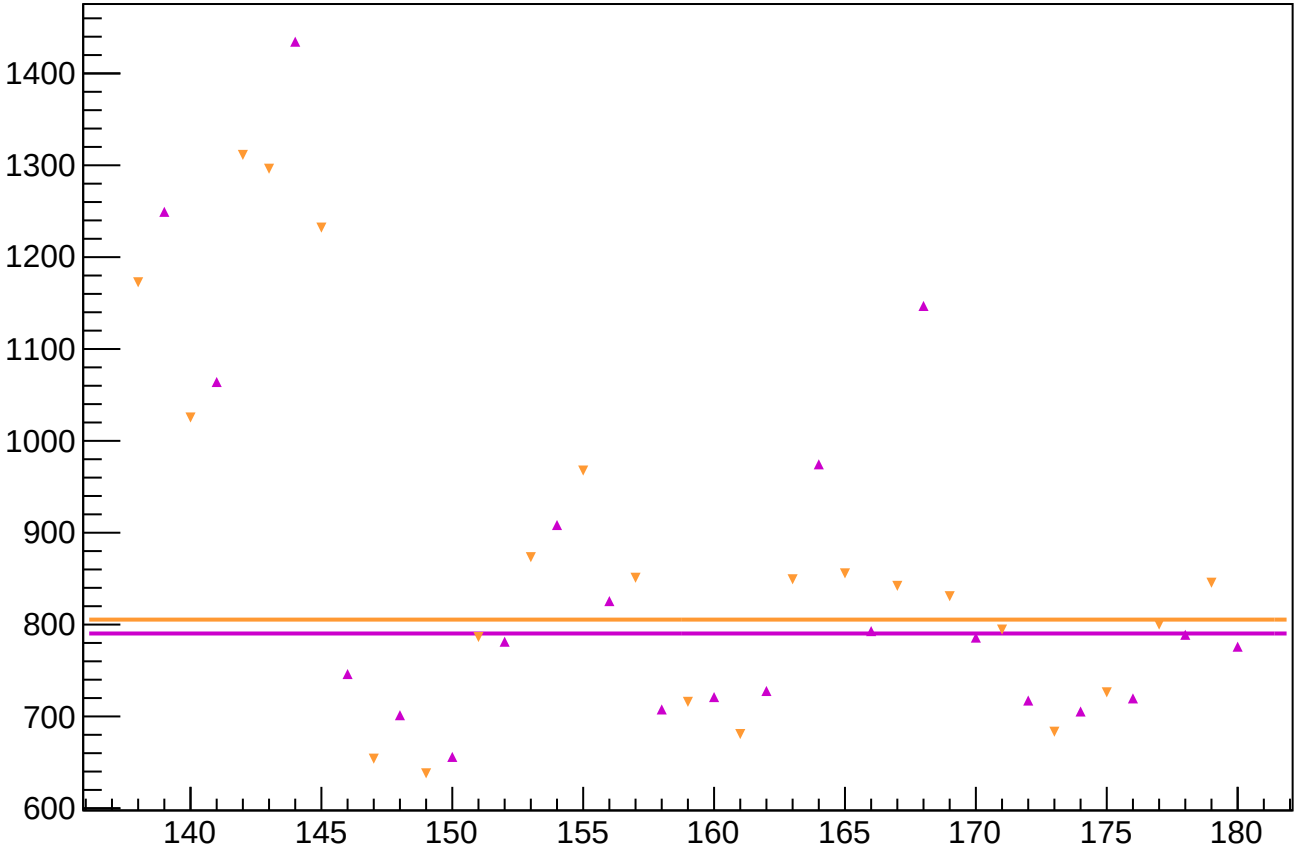
Left In: -104.033+/-197.669 χ^2/NDF:12.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -393.060+/-141.325 χ^2/NDF: 65.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_correction_rms vs Slug



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

Left Out: 805.414+/-0.143 χ^2/NDF:1113700.2/21

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

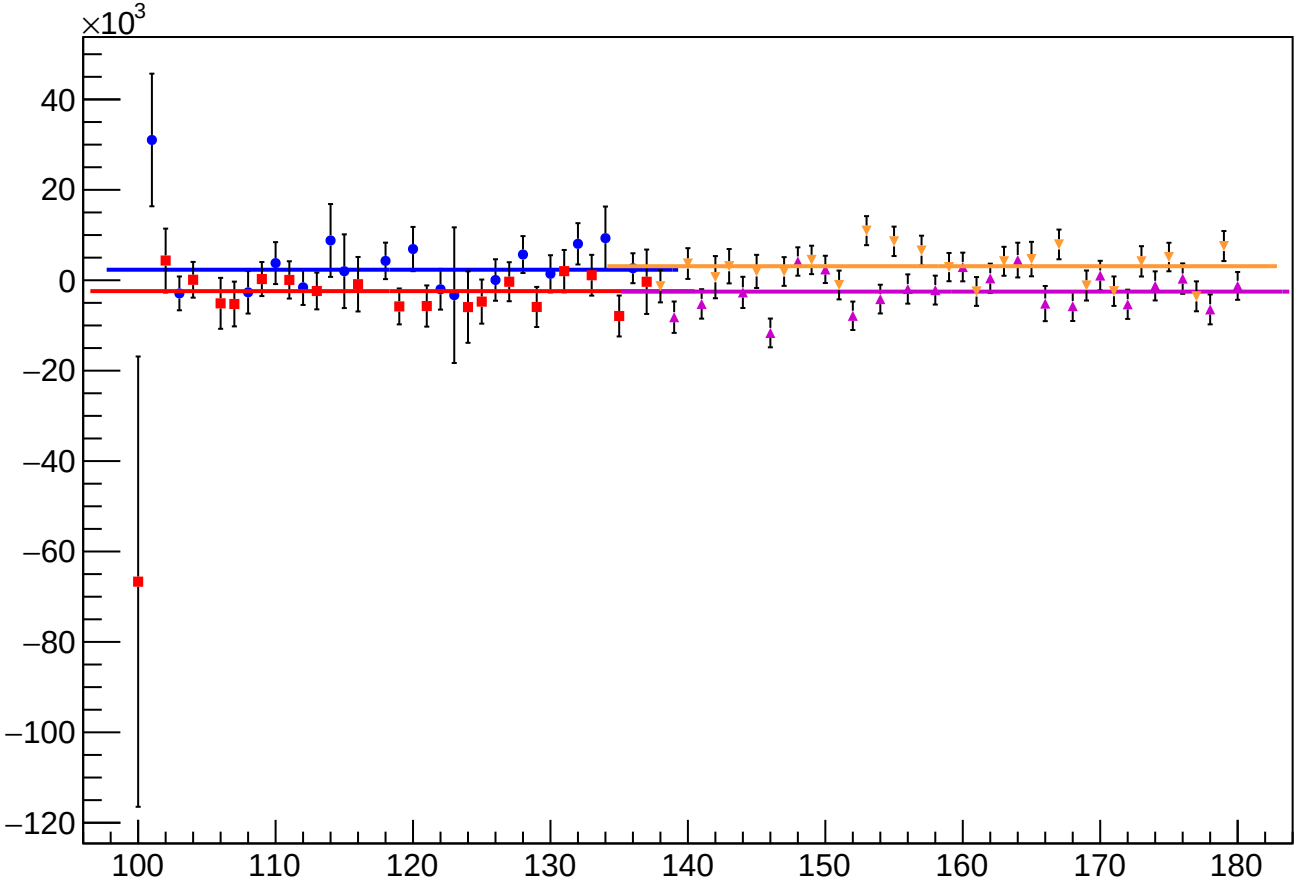
Left In: 790.297+/-0.140 χ^2/NDF:1109409.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 797.687+/-0.100 χ^2/NDF: 2228828.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr1_mean vs Slug



Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 3107.761+/-715.599 χ^2/NDF:30.3/21

Right Out: -2403.750+/-1110.093 χ^2/NDF: 10.1/18

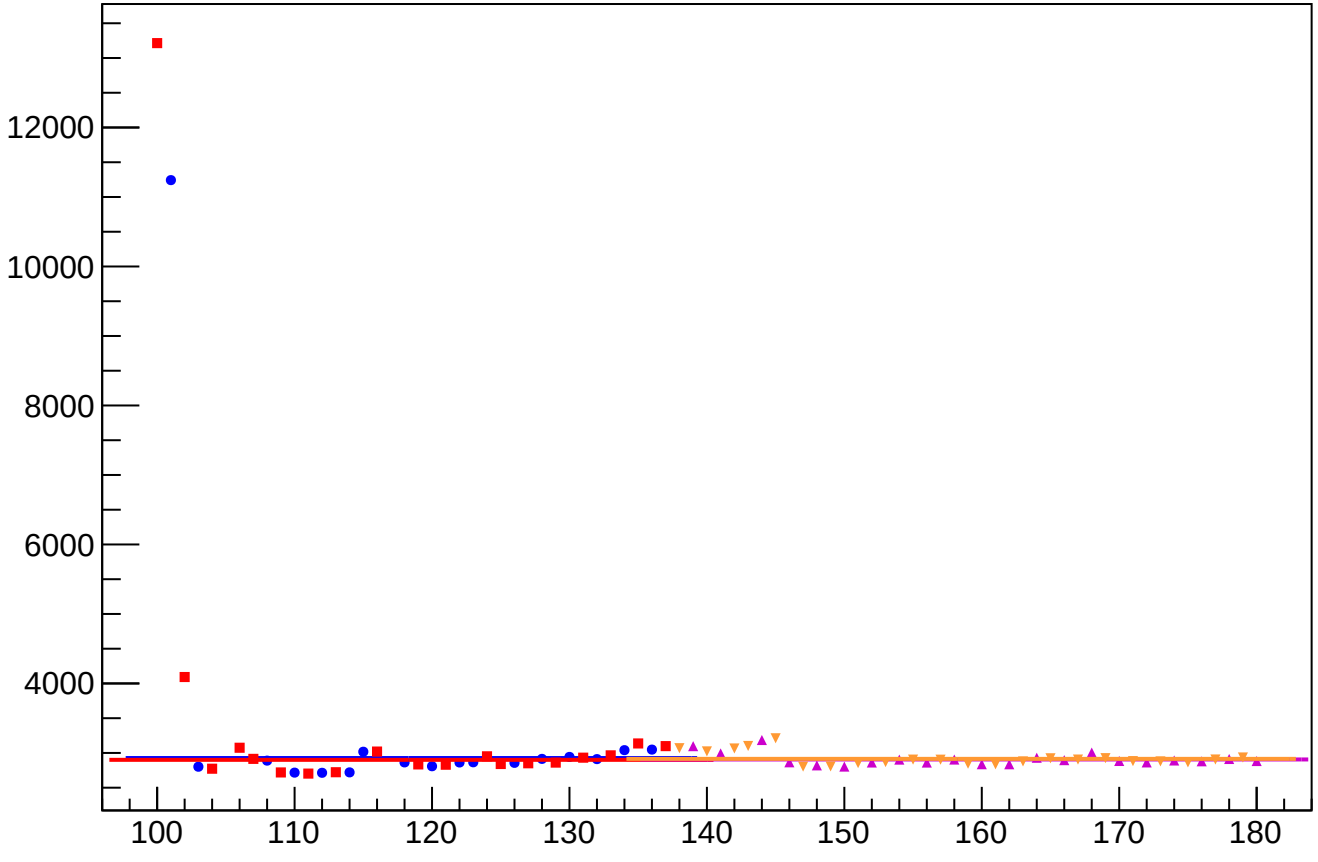
Left In: -2514.085+/-714.761 χ^2/NDF:34.9/20

+ sign 2892.478+/-608.535 χ^2/NDF: 45.1/38

All: 171.723+/-427.597 χ^2/NDF: 129.5/78

- sign -2481.748+/-600.963 χ^2/NDF: 44.9/39

asym_atr1_rms vs Slug



Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 2914.891+/-0.506 χ^2/NDF:35139.2/21

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

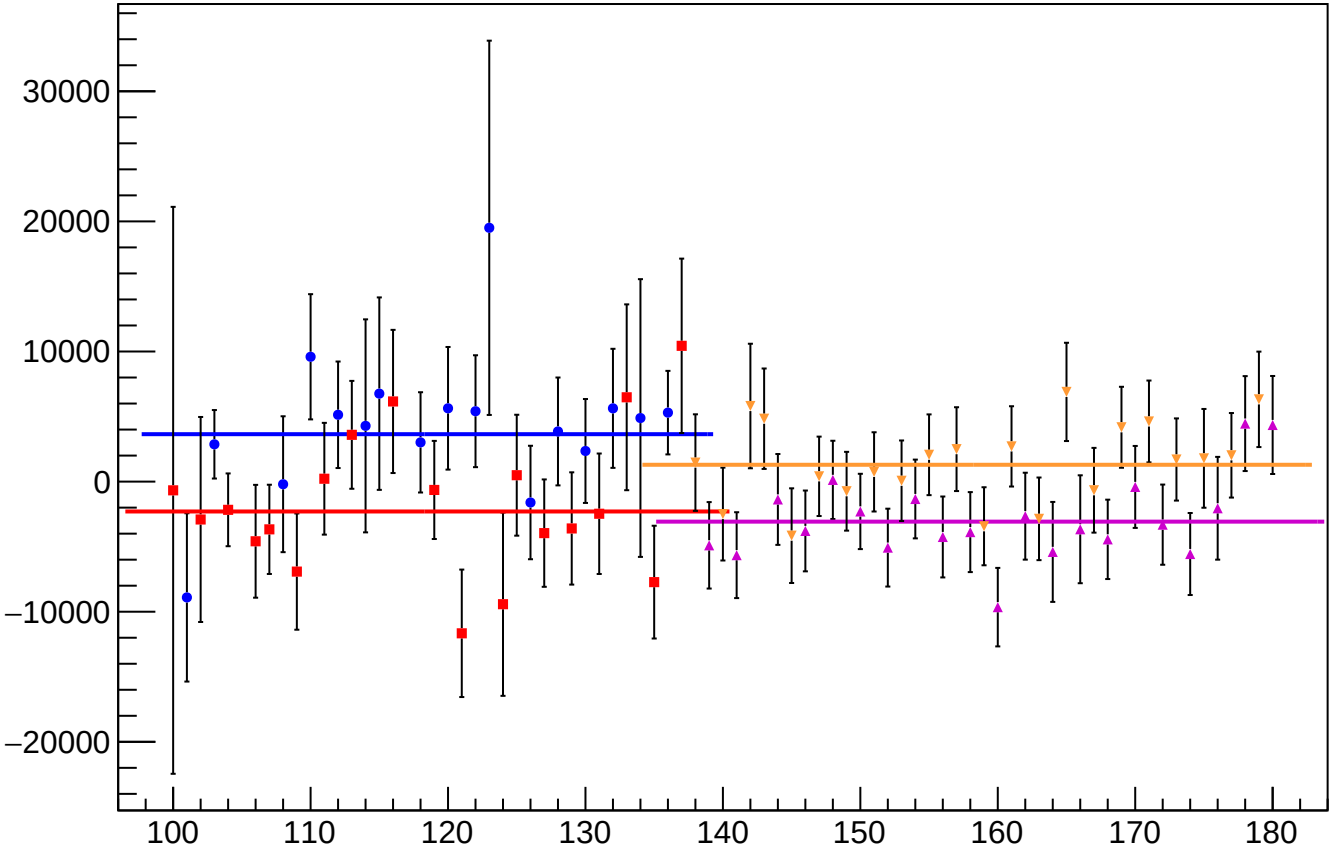
Left In: 2906.286+/-0.505 χ^2/NDF:29971.2/20

+ sign 2918.135+/-0.430 χ^2/NDF: 698082.0/38

All: 2911.326+/-0.302 χ^2/NDF: 898448.7/78

- sign 2904.686+/-0.425 χ^2/NDF: 199872.0/39

dit_asym_atr2_mean vs Slug



Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 1293.862+/-709.001 χ^2/NDF:16.9/21

Right Out: -2295.846+/-1046.865 χ^2/NDF: 18.4/18

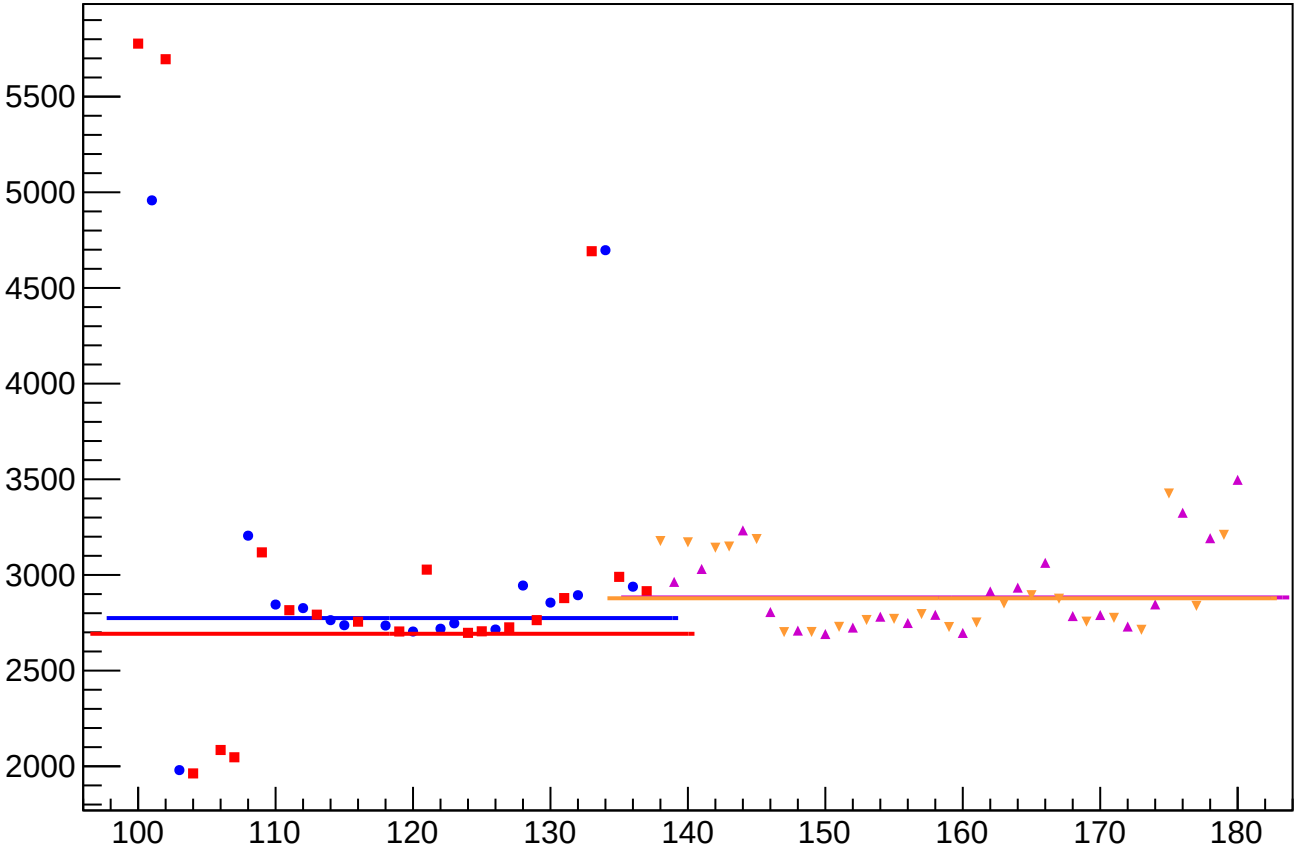
Left In: -3076.715+/-711.111 χ^2/NDF:18.3/20

+ sign 1991.615+/-594.573 χ^2/NDF: 30.1/38

All: -445.116+/-418.168 χ^2/NDF: 100.4/78

- sign -2830.169+/-588.235 χ^2/NDF: 37.1/39

dit_asym_atr2_rms vs Slug



Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 2878.085+/-0.501 χ^2/NDF:159026.1/21

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

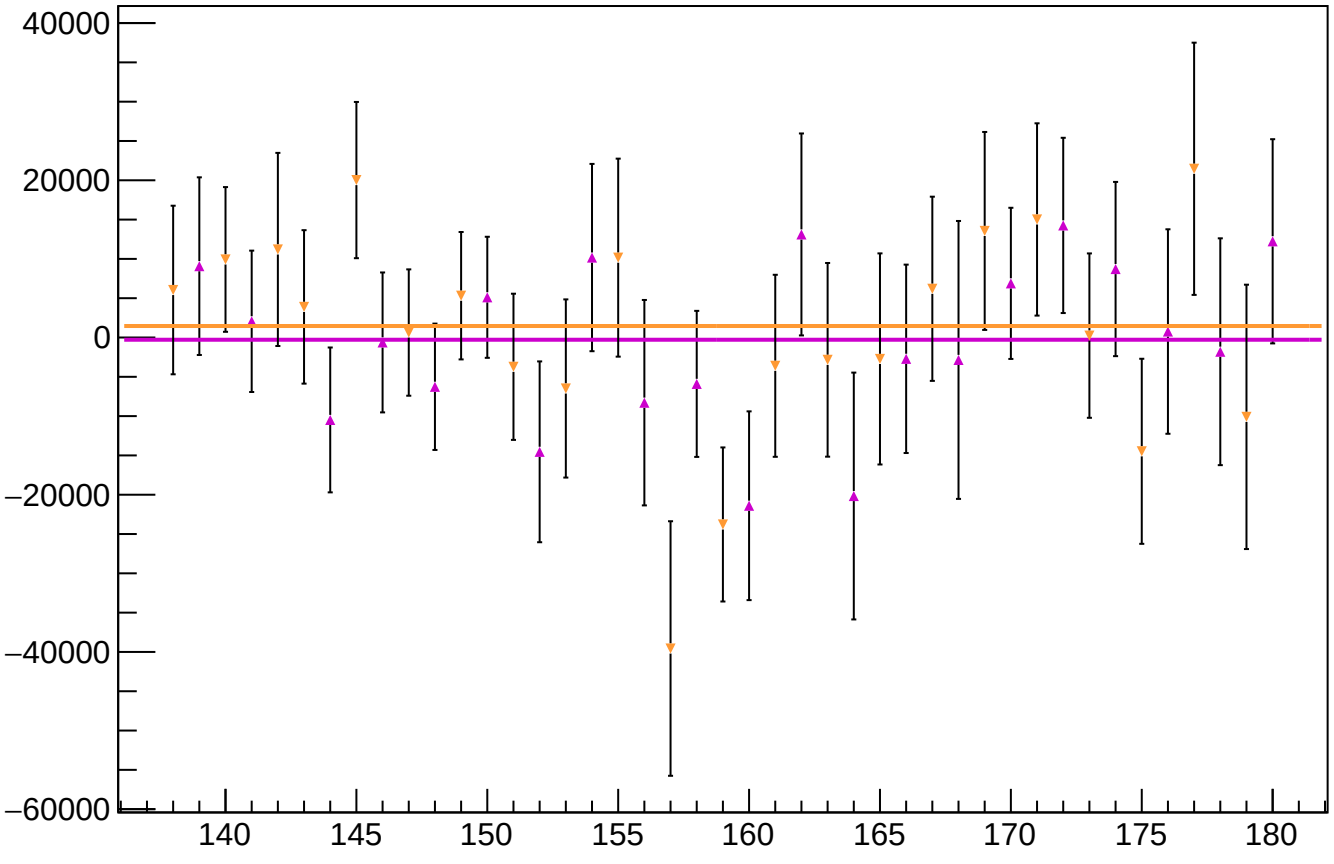
Left In: 2882.475+/-0.503 χ^2/NDF:168744.3/20

+ sign 2847.382+/-0.420 χ^2/NDF: 673345.6/38

All: 2834.791+/-0.296 χ^2/NDF: 1669215.1/78

- sign 2822.470+/-0.416 χ^2/NDF: 994094.9/39

asym_atr2_correction_mean vs Slug



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

Left Out: 1461.716+/-2344.073 χ^2/NDF:26.4/21

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

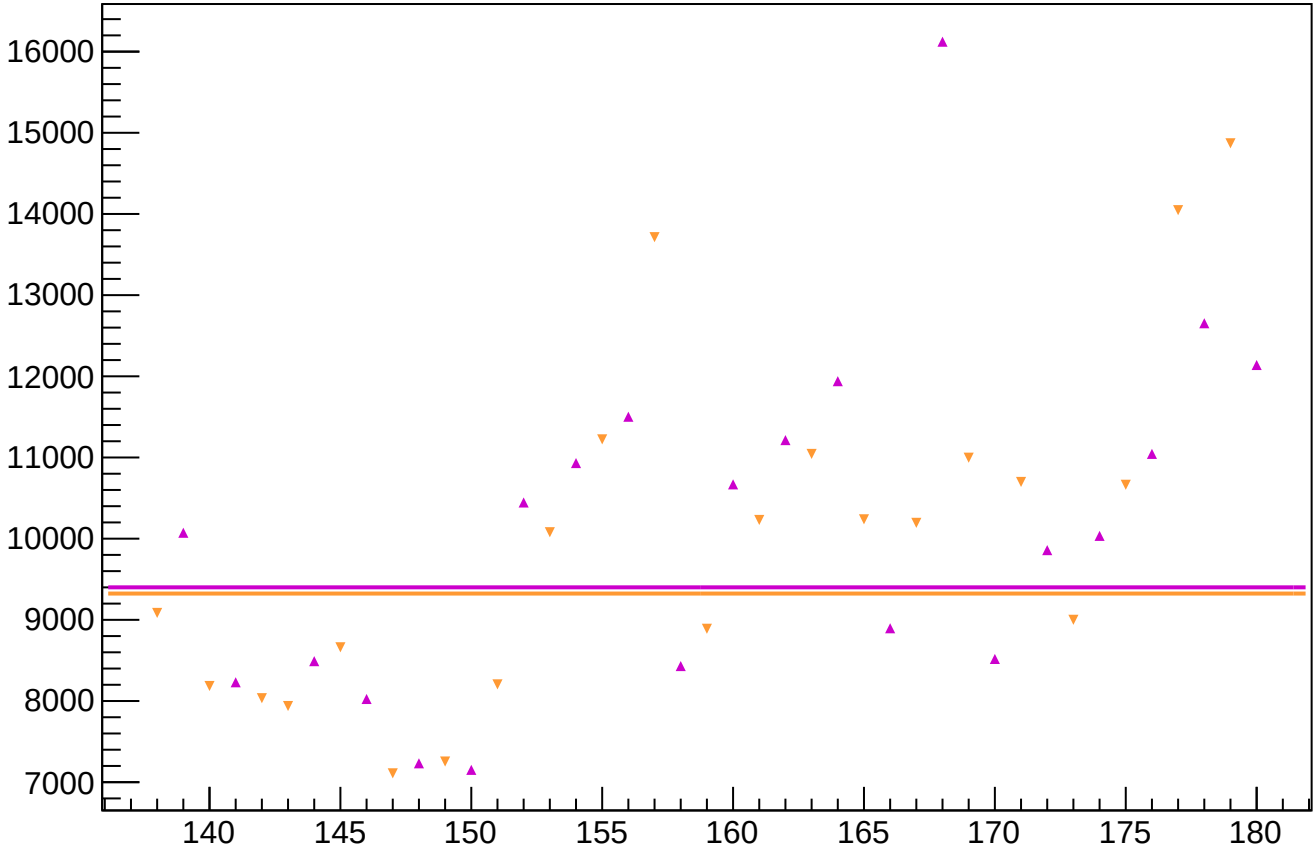
Left In: -284.434+/-2357.849 χ^2/NDF:15.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 593.757+/-1662.359 χ^2/NDF: 42.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_correction_rms vs Slug



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

Left Out: 9323.733+/-1.658 χ^2/NDF:1170355.0/21

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

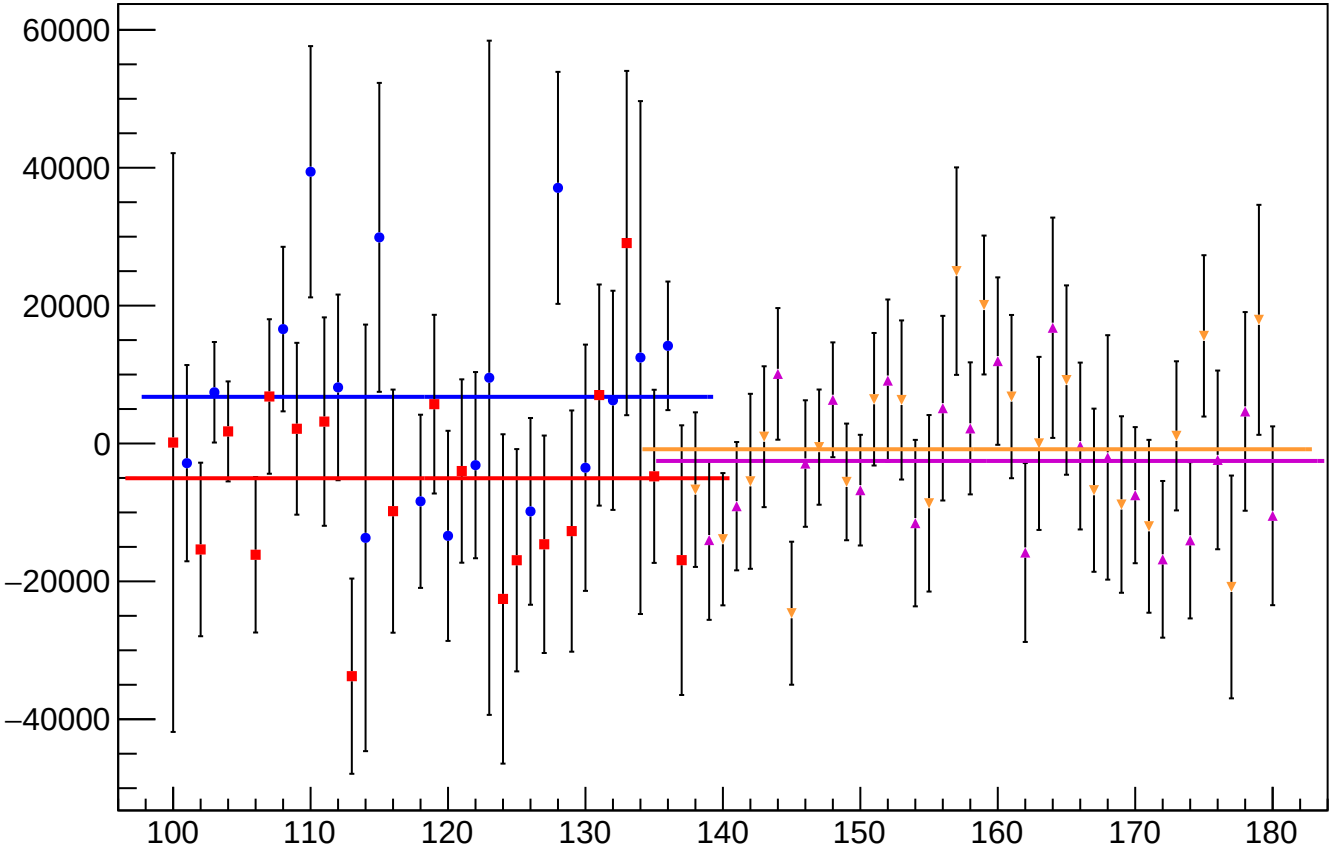
Left In: 9400.396+/-1.667 χ^2/NDF:1203909.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9361.840+/-1.175 χ^2/NDF: 2375327.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atr2_mean vs Slug



Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: -833.612+/-2407.469 χ^2/NDF:23.6/21

Right Out: -5041.440+/-3167.616 χ^2/NDF: 13.6/18

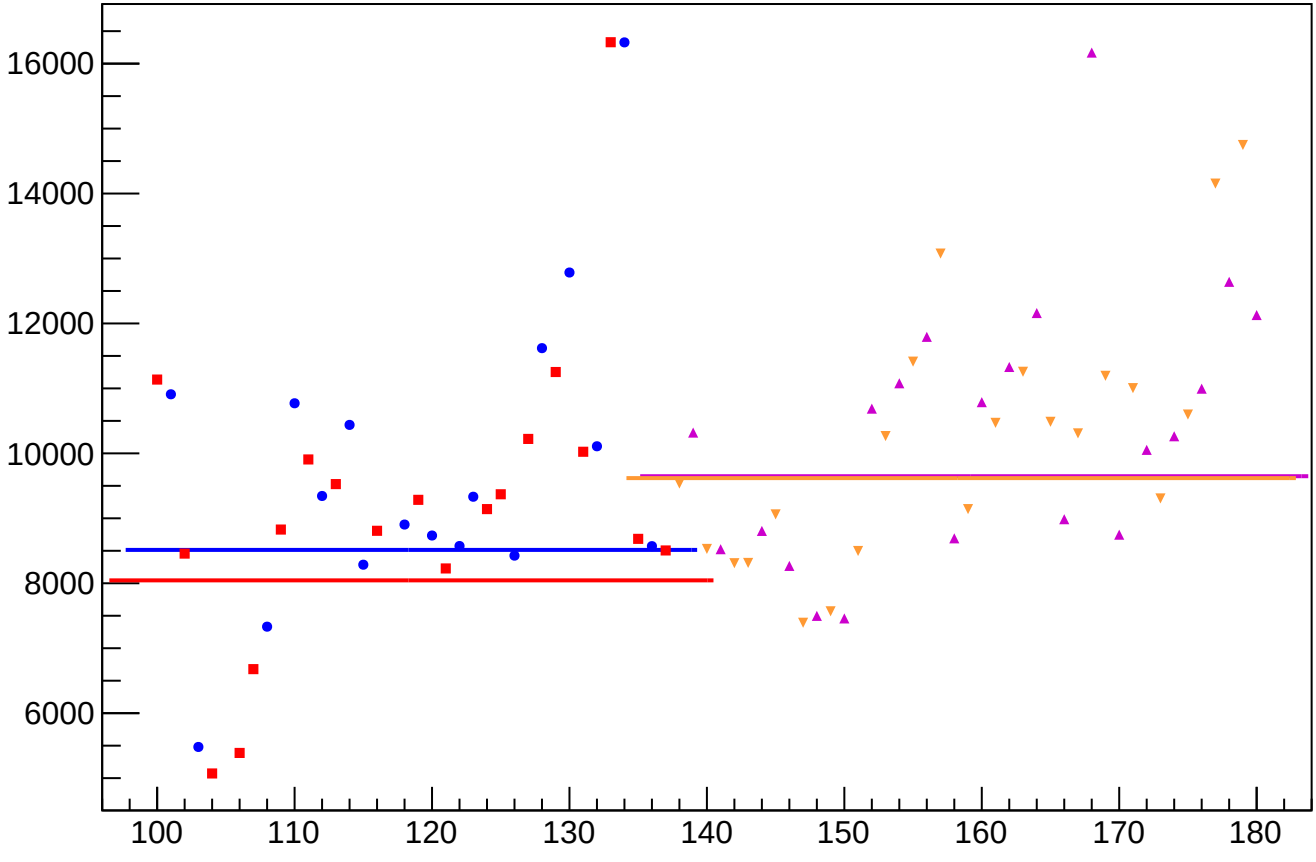
Left In: -2532.318+/-2414.880 χ^2/NDF:14.2/20

+ sign 1717.534+/-1962.298 χ^2/NDF: 42.3/38

All: -924.274+/-1372.518 χ^2/NDF: 74.1/78

- sign -3454.594+/-1920.446 χ^2/NDF: 28.2/39

asym_atr2_rms vs Slug



Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 9618.987+/-1.702 χ^2/NDF:1003895.5/21

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

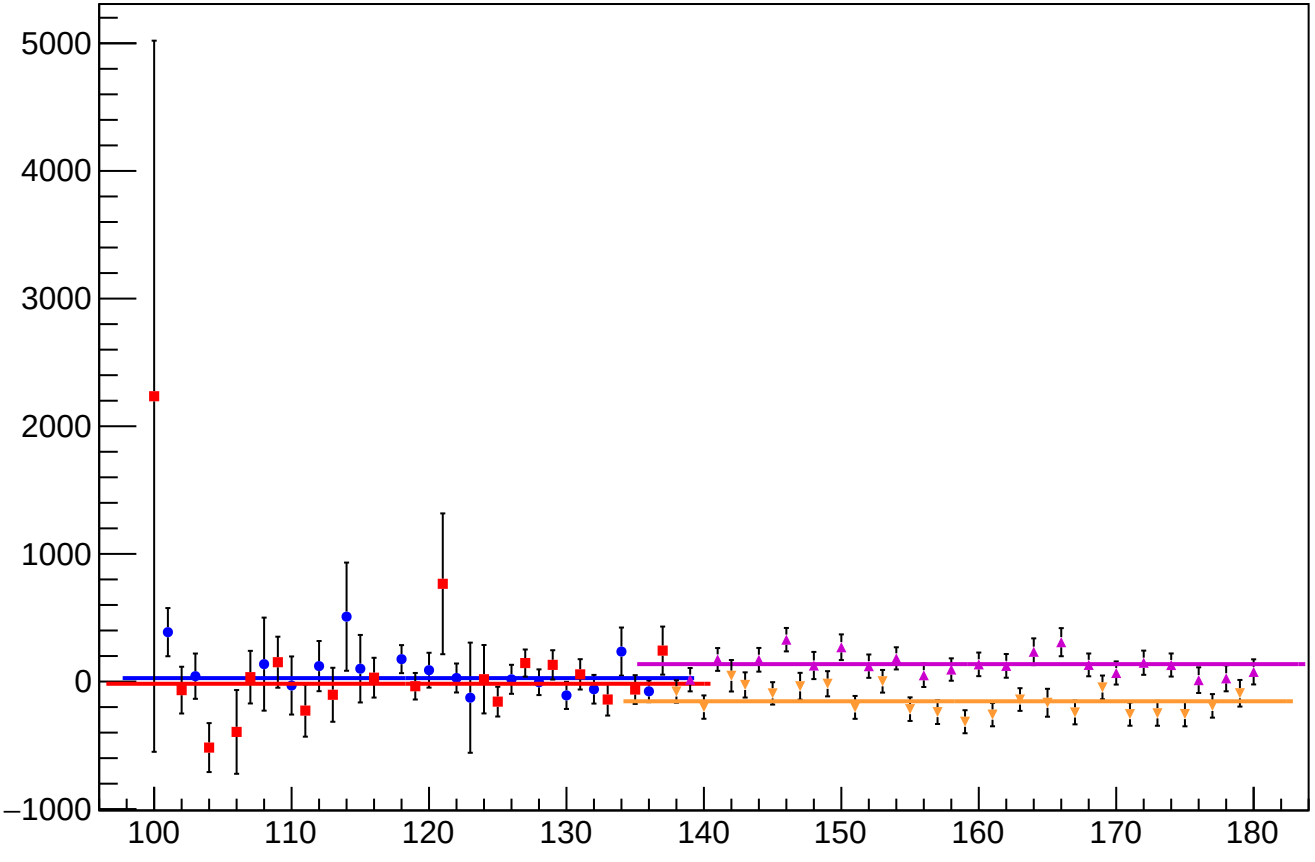
Left In: 9648.208+/-1.708 χ^2/NDF:1077093.8/20

+ sign 9248.005+/-1.388 χ^2/NDF: 1908007.8/38

All: 9151.360+/-0.971 χ^2/NDF: 4271039.8/78

- sign 9058.796+/-1.358 χ^2/NDF: 2353534.1/39

dit_asym_sam1_mean vs Slug



Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -154.464+/-20.194 χ^2/NDF:24.2/21

Right Out: -17.368+/-35.548 χ^2/NDF: 21.9/18

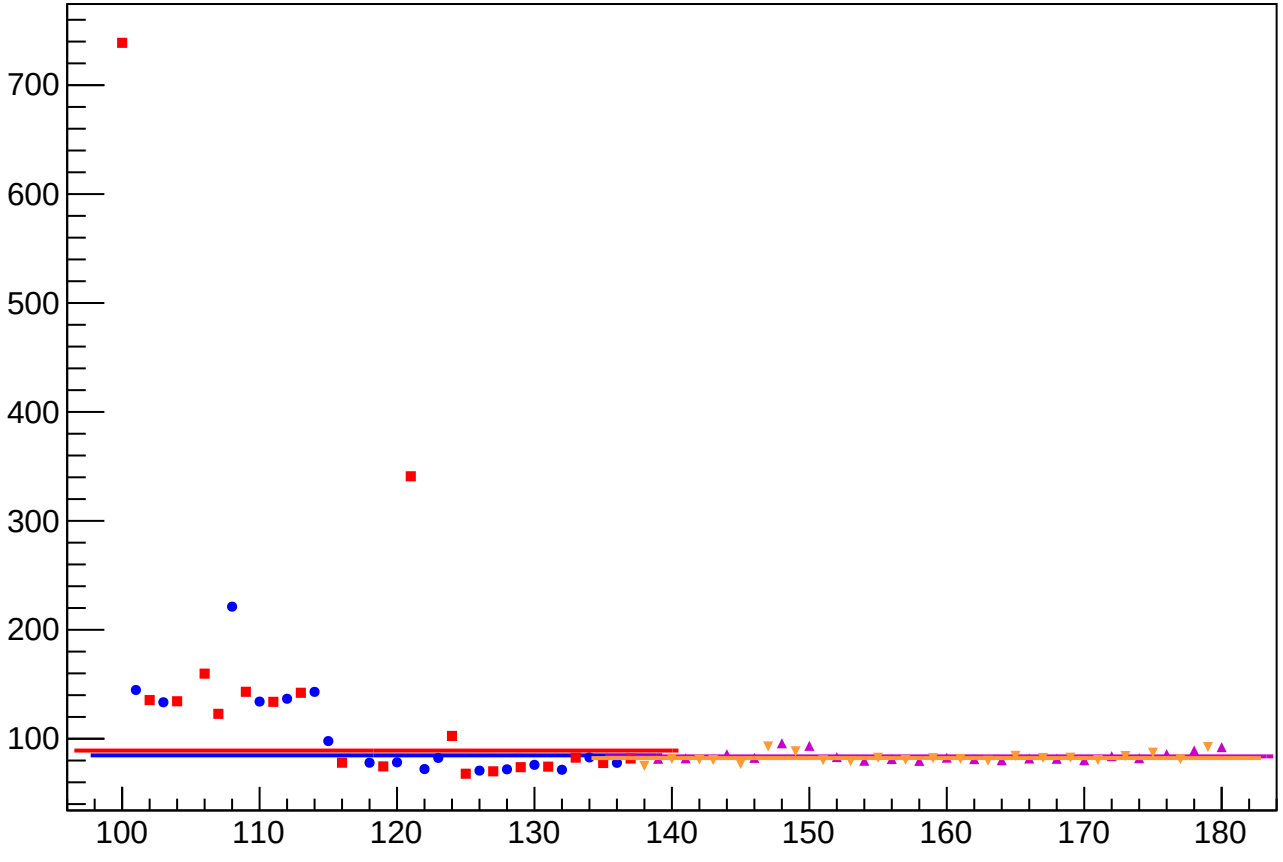
Left In: 136.550+/-20.618 χ^2/NDF:16.7/20

+ sign -107.218+/-17.367 χ^2/NDF: 57.8/38

All: -7.434+/-12.442 χ^2/NDF: 178.2/78

- sign 97.805+/-17.835 χ^2/NDF: 52.6/39

dit_asym_sam1_rms vs Slug



Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 82.221+/-0.014 χ^2/NDF:82895.0/21

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

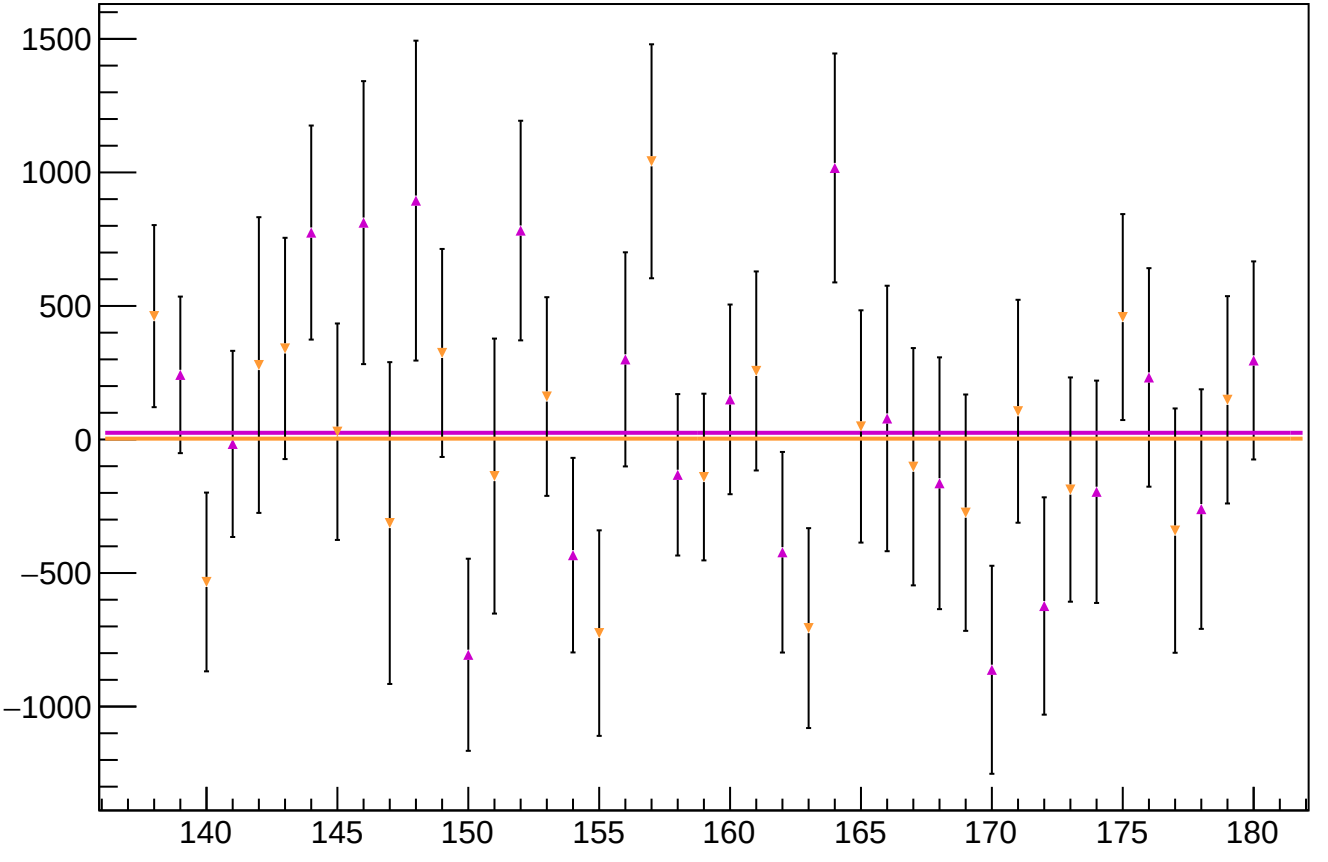
Left In: 83.802+/-0.015 χ^2/NDF:88402.4/20

+ sign 82.876+/-0.012 χ^2/NDF: 1155401.5/38

All: 83.981+/-0.009 χ^2/NDF: 2853491.6/78

- sign 85.147+/-0.013 χ^2/NDF: 1681452.3/39

asym_sam1_correction_mean vs Slug



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

Left Out: 3.137+/-86.181 χ^2/NDF:22.8/21

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

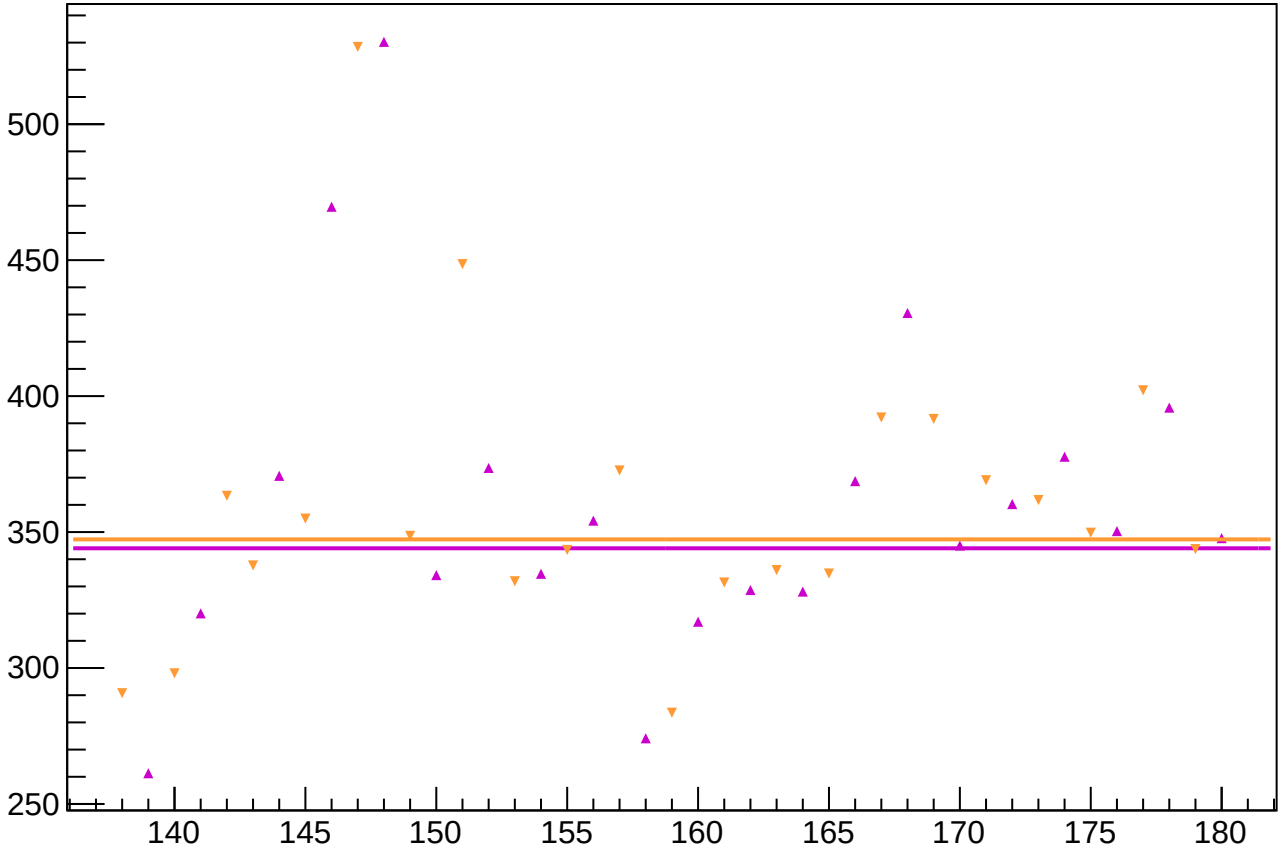
Left In: 25.080+/-85.617 χ^2/NDF:35.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 14.180+/-60.739 χ^2/NDF: 58.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_correction_rms vs Slug



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

Left Out: 347.305+/-0.061 χ^2/NDF:537910.5/21

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

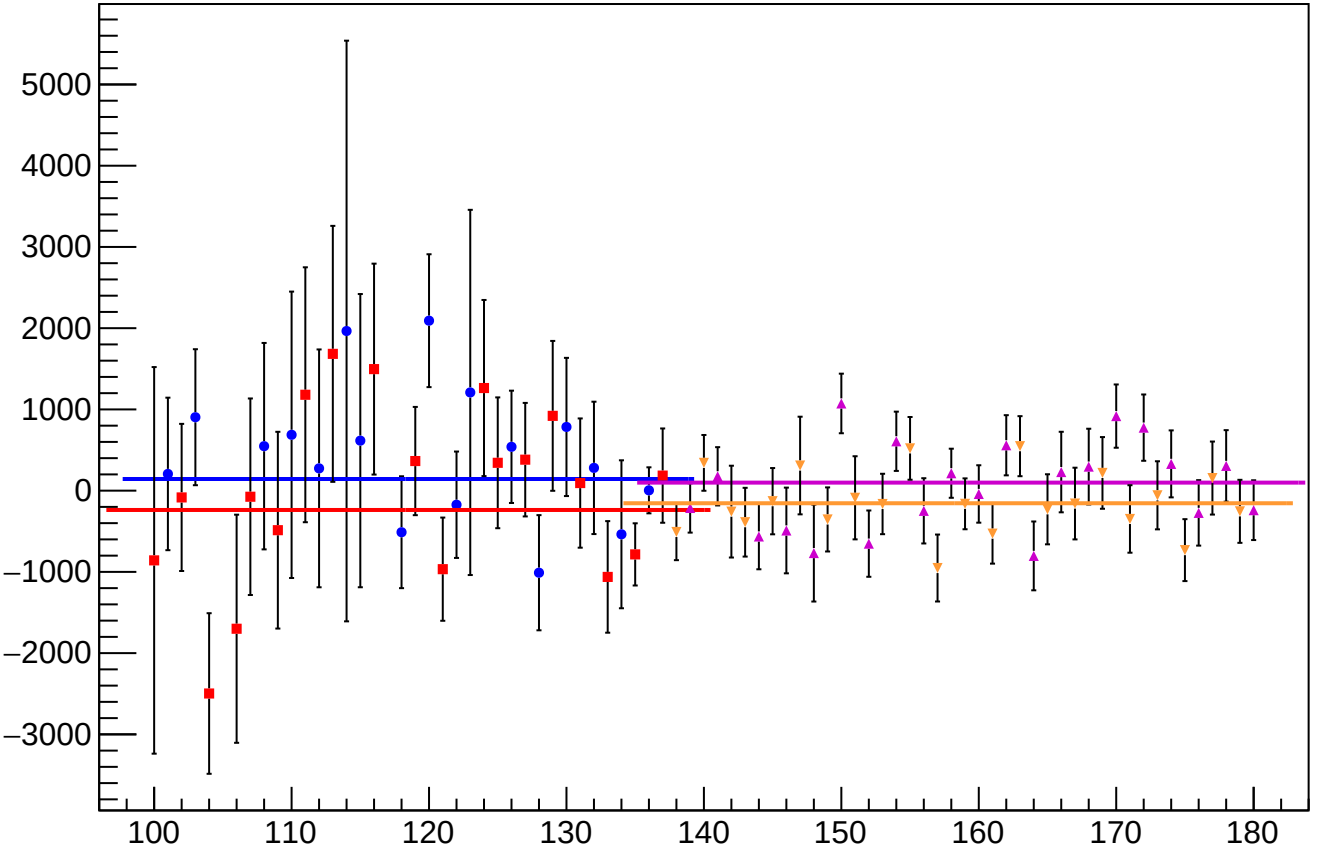
Left In: 344.034+/-0.061 χ^2/NDF:738322.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 345.659+/-0.043 χ^2/NDF: 1277683.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_mean vs Slug



Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -155.007+/-86.117 χ^2/NDF:19.6/21

Right Out: -237.821+/-183.995 χ^2/NDF: 21.7/18

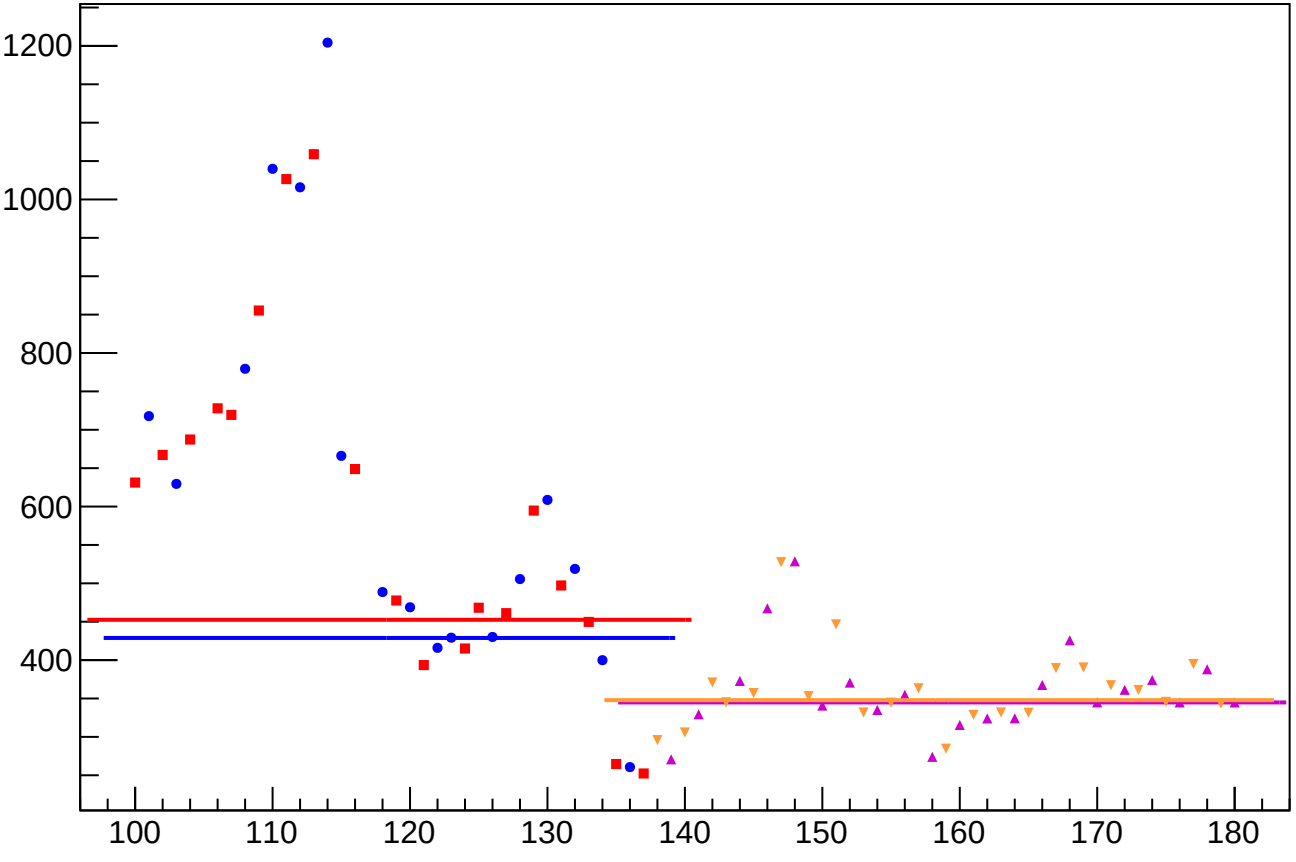
Left In: 98.881+/-85.747 χ^2/NDF:36.3/20

+ sign -99.024+/-77.623 χ^2/NDF: 34.7/38

All: -30.198+/-54.922 χ^2/NDF: 97.0/78

- sign 38.803+/-77.722 χ^2/NDF: 60.8/39

asym_sam1_rms vs Slug



Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 347.846+/-0.061 χ^2/NDF:498810.1/21

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

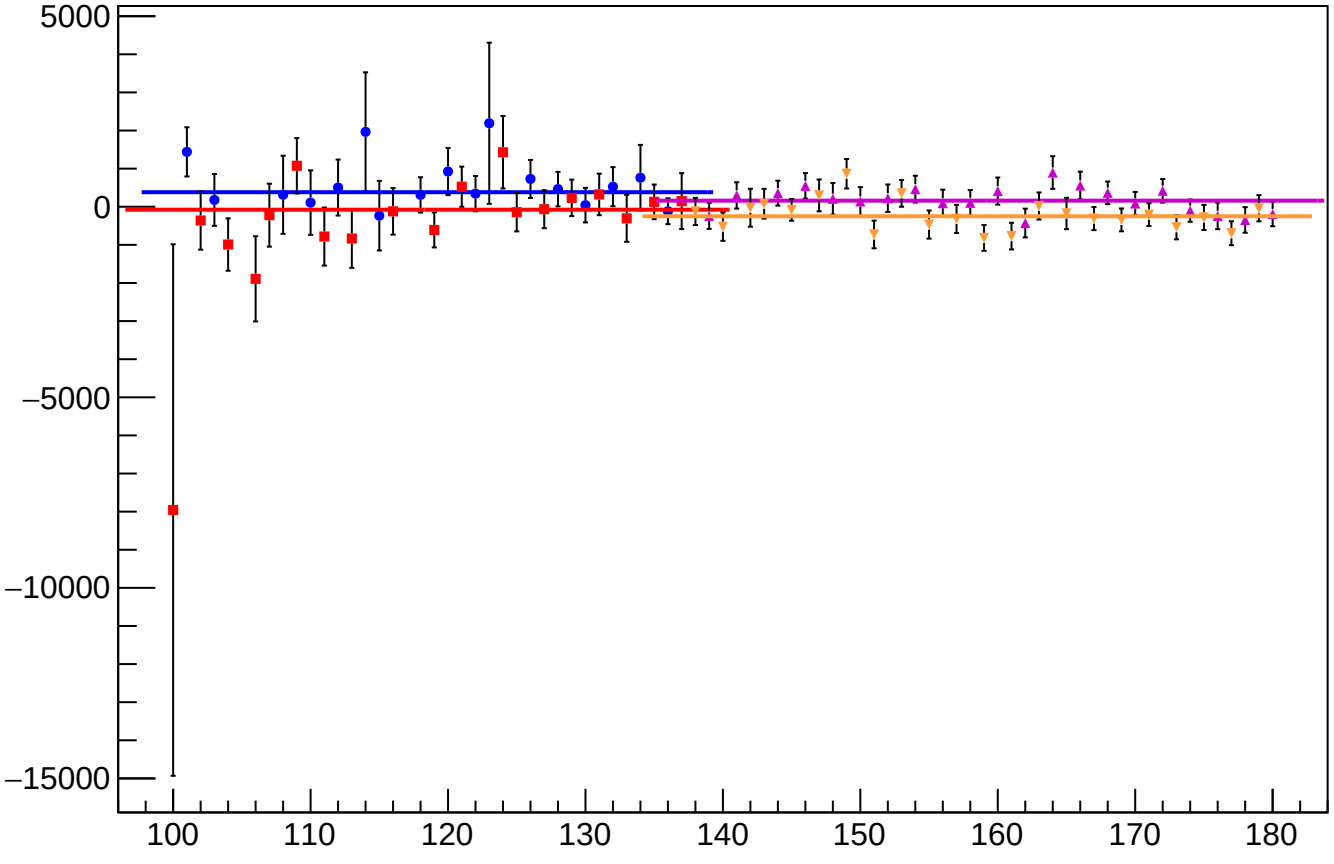
Left In: 344.864+/-0.061 χ^2/NDF:673107.5/20

+ sign 363.040+/-0.055 χ^2/NDF: 2843065.6/38

All: 363.556+/-0.039 χ^2/NDF: 6118081.9/78

- sign 364.073+/-0.055 χ^2/NDF: 3274839.5/39

dit_asym_sam2_mean vs Slug



Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -249.006+/-74.032 χ^2/NDF:26.0/21

Right Out: -77.490+/-143.469 χ^2/NDF: 16.8/18

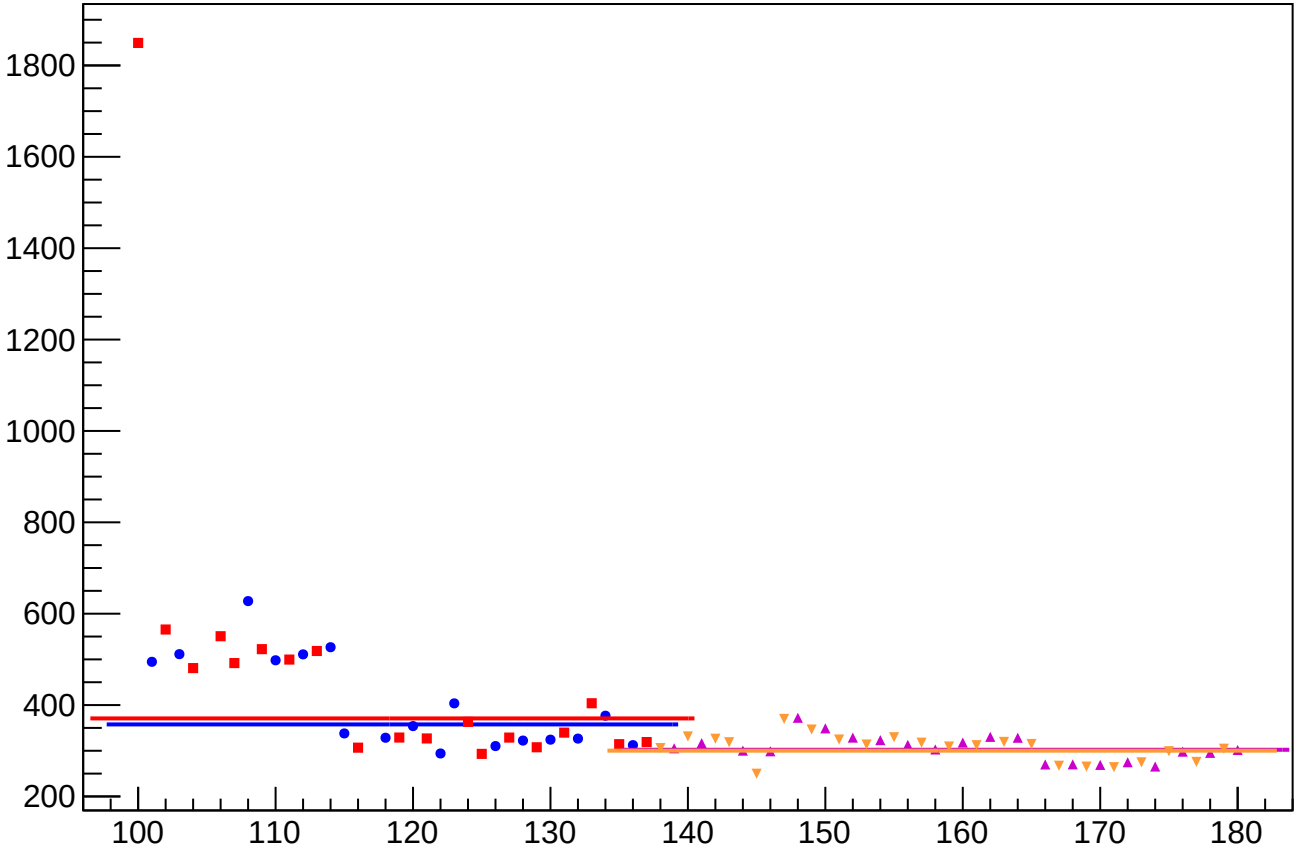
Left In: 160.045+/-74.553 χ^2/NDF:18.0/20

+ sign -112.959+/-65.566 χ^2/NDF: 51.1/38

All: -2.702+/-46.568 χ^2/NDF: 93.7/78

- sign 109.541+/-66.154 χ^2/NDF: 36.9/39

dit_asym_sam2_rms vs Slug



Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 300.218+/-0.052 χ^2/NDF:318183.3/21

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

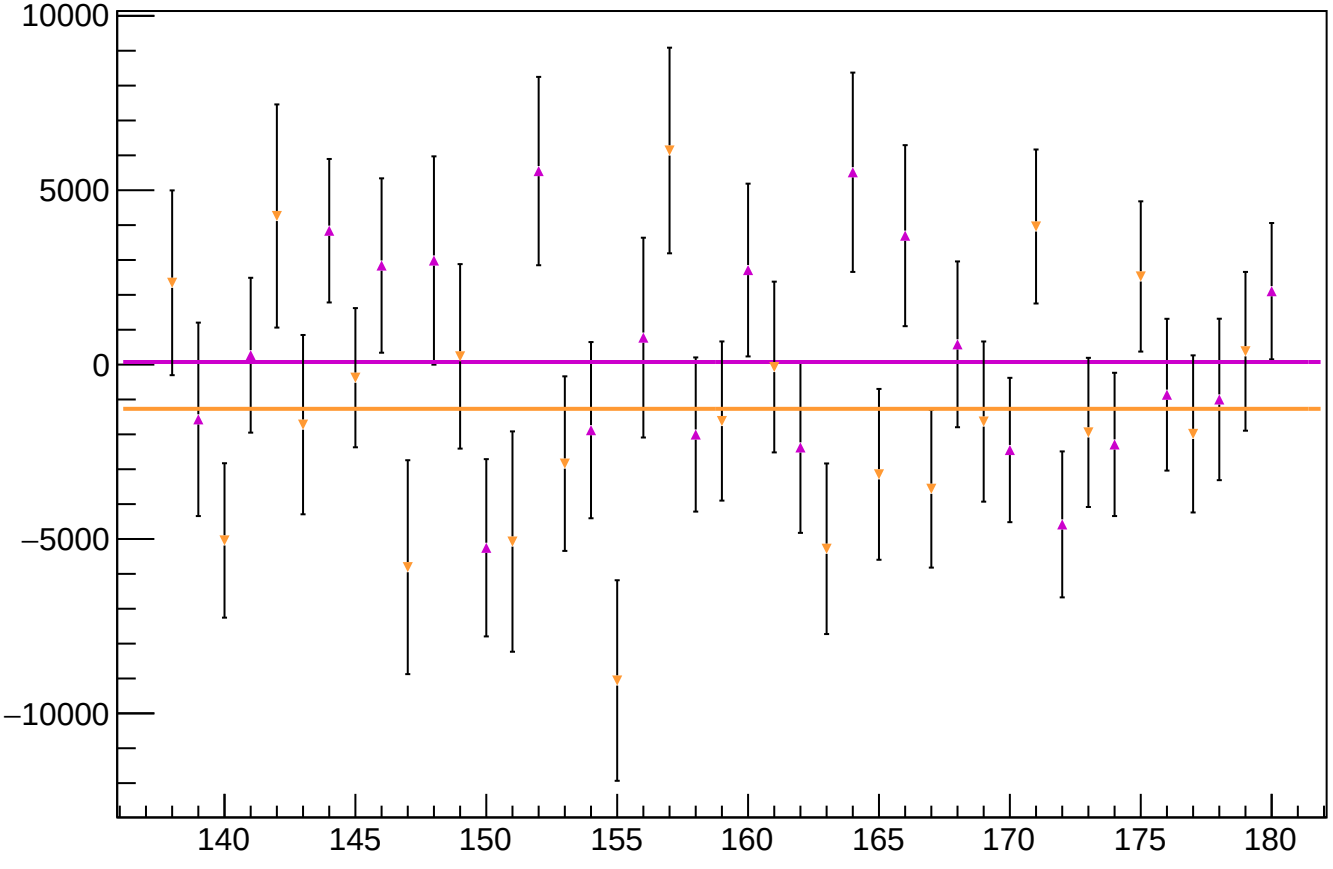
Left In: 302.177+/-0.053 χ^2/NDF:245915.2/20

+ sign 312.606+/-0.046 χ^2/NDF: 1207540.5/38

All: 314.667+/-0.033 χ^2/NDF: 2602447.2/78

- sign 316.766+/-0.047 χ^2/NDF: 1390915.9/39

asym_sam2_correction_mean vs Slug



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

Left Out: -1267.722+/-519.945 χ^2/NDF:40.0/21

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

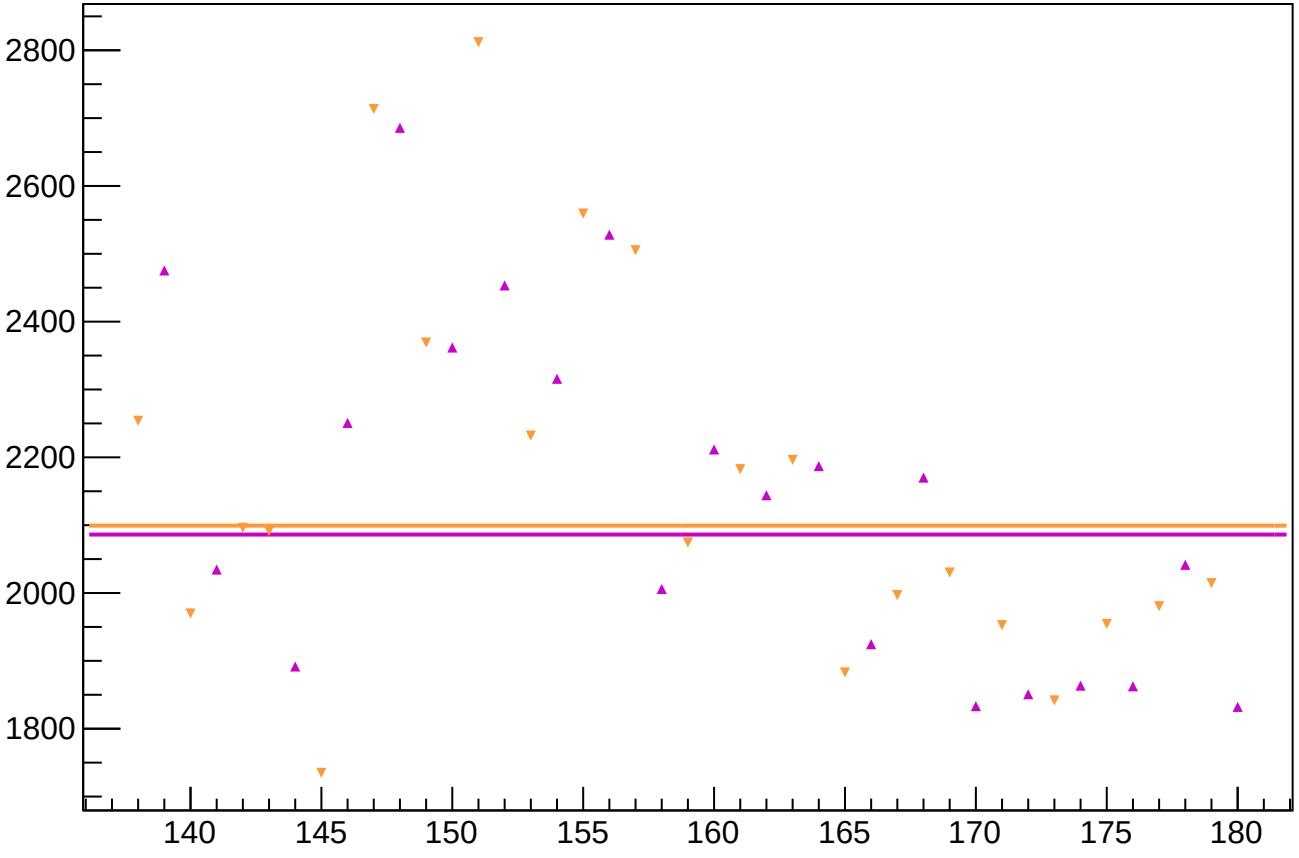
Left In: 74.762+/-516.228 χ^2/NDF:32.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -591.665+/-366.335 χ^2/NDF: 76.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_correction_rms vs Slug



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

Left Out: 2099.335+/-0.368 χ^2/NDF:460232.1/21

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

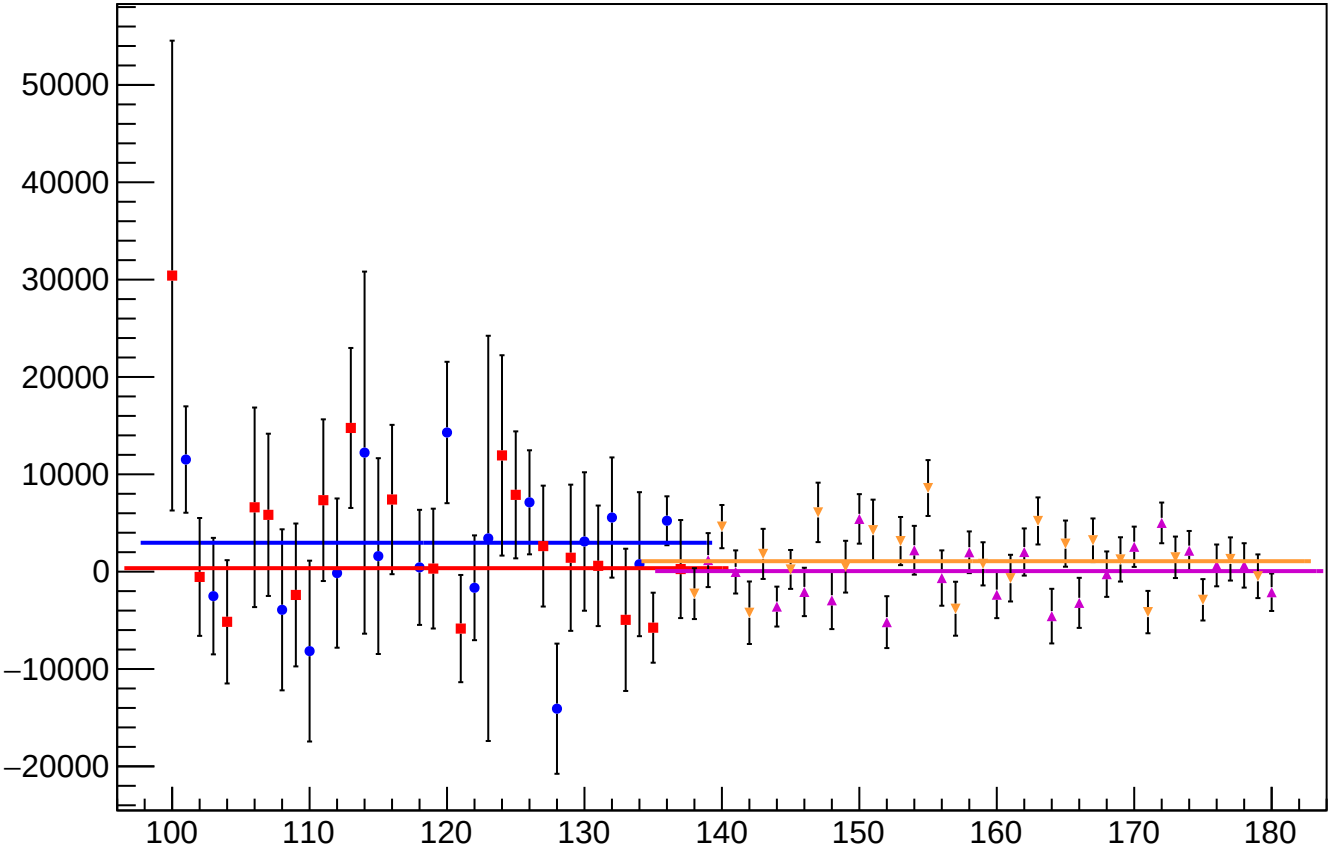
Left In: 2086.170+/-0.365 χ^2/NDF:428273.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2092.705+/-0.259 χ^2/NDF: 889150.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam2_mean vs Slug



Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 1074.504+/-513.900 χ^2/NDF:36.4/21

Right Out: 358.685+/-1507.064 χ^2/NDF: 15.3/18

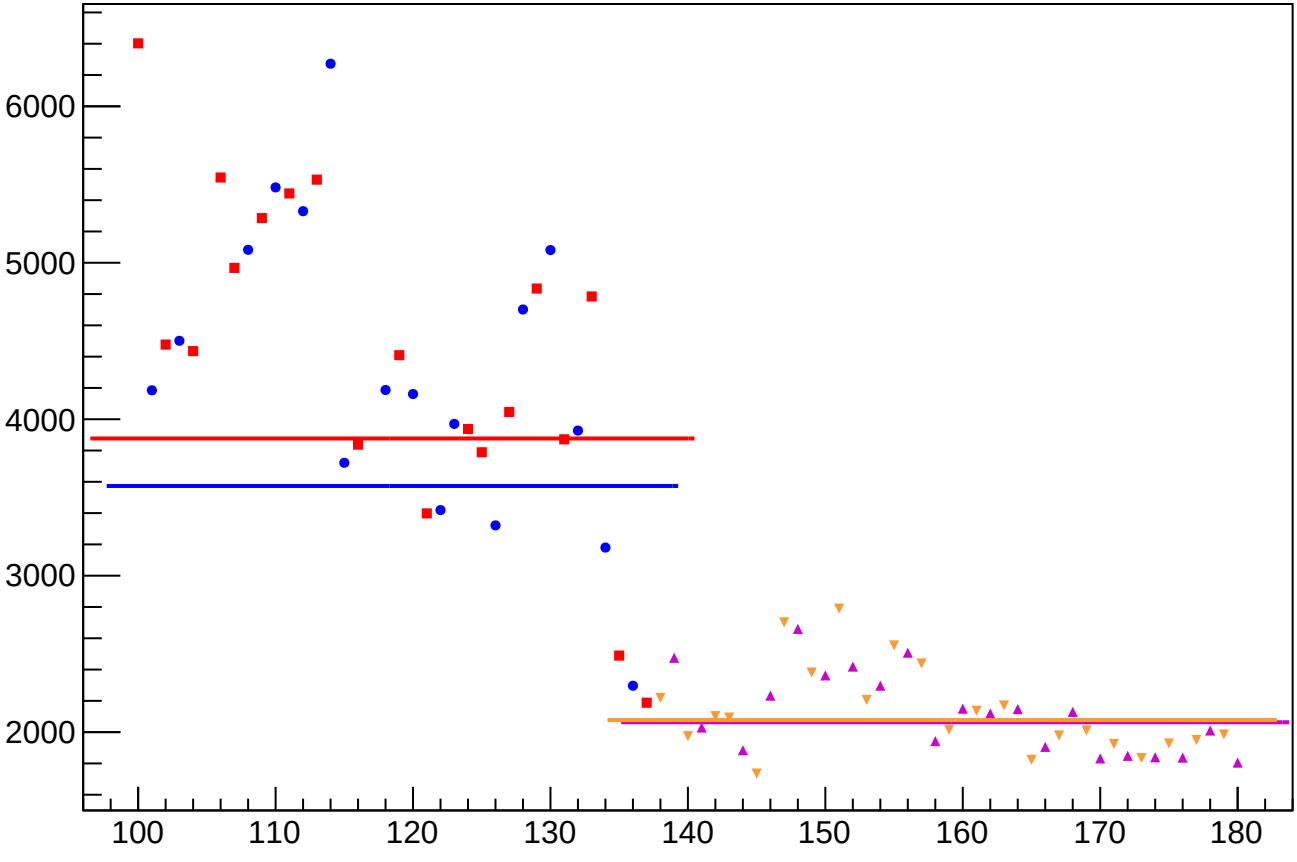
Left In: 56.895+/-510.736 χ^2/NDF:30.6/20

+ sign 1288.414+/-484.021 χ^2/NDF: 55.3/38

All: 687.819+/-342.146 χ^2/NDF: 104.3/78

- sign 87.985+/-483.714 χ^2/NDF: 46.0/39

asym_sam2_rms vs Slug



Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2077.257+/-0.363 χ^2/NDF:466833.0/21

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

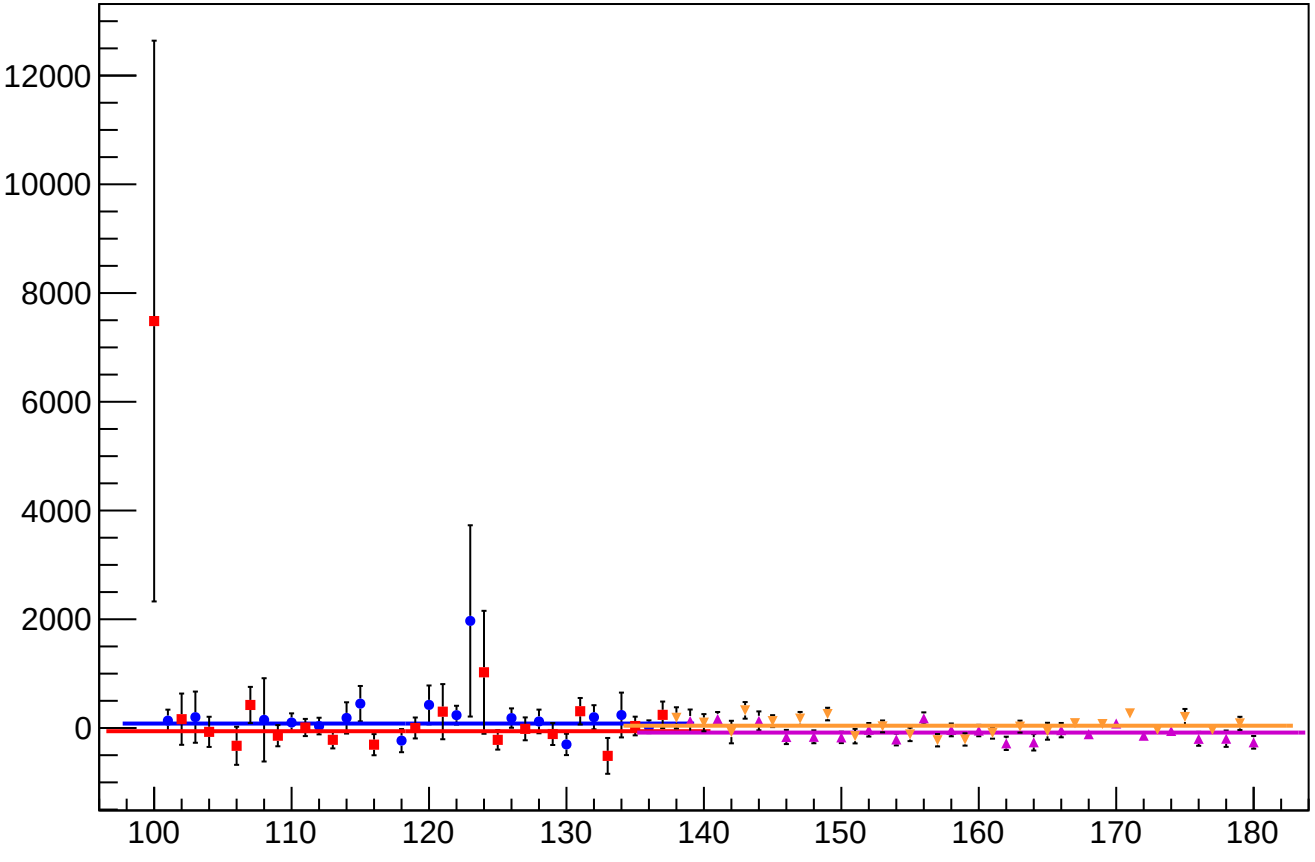
Left In: 2063.178+/-0.361 χ^2/NDF:430603.5/20

+ sign 2246.185+/-0.342 χ^2/NDF: 3469678.3/38

All: 2248.107+/-0.242 χ^2/NDF: 7487107.1/78

- sign 2250.026+/-0.342 χ^2/NDF: 4017365.8/39

dit_asym_sam3_mean vs Slug



Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 42.315+/-23.968 χ^2/NDF:36.5/21

Right Out: -59.008+/-53.165 χ^2/NDF: 16.4/18

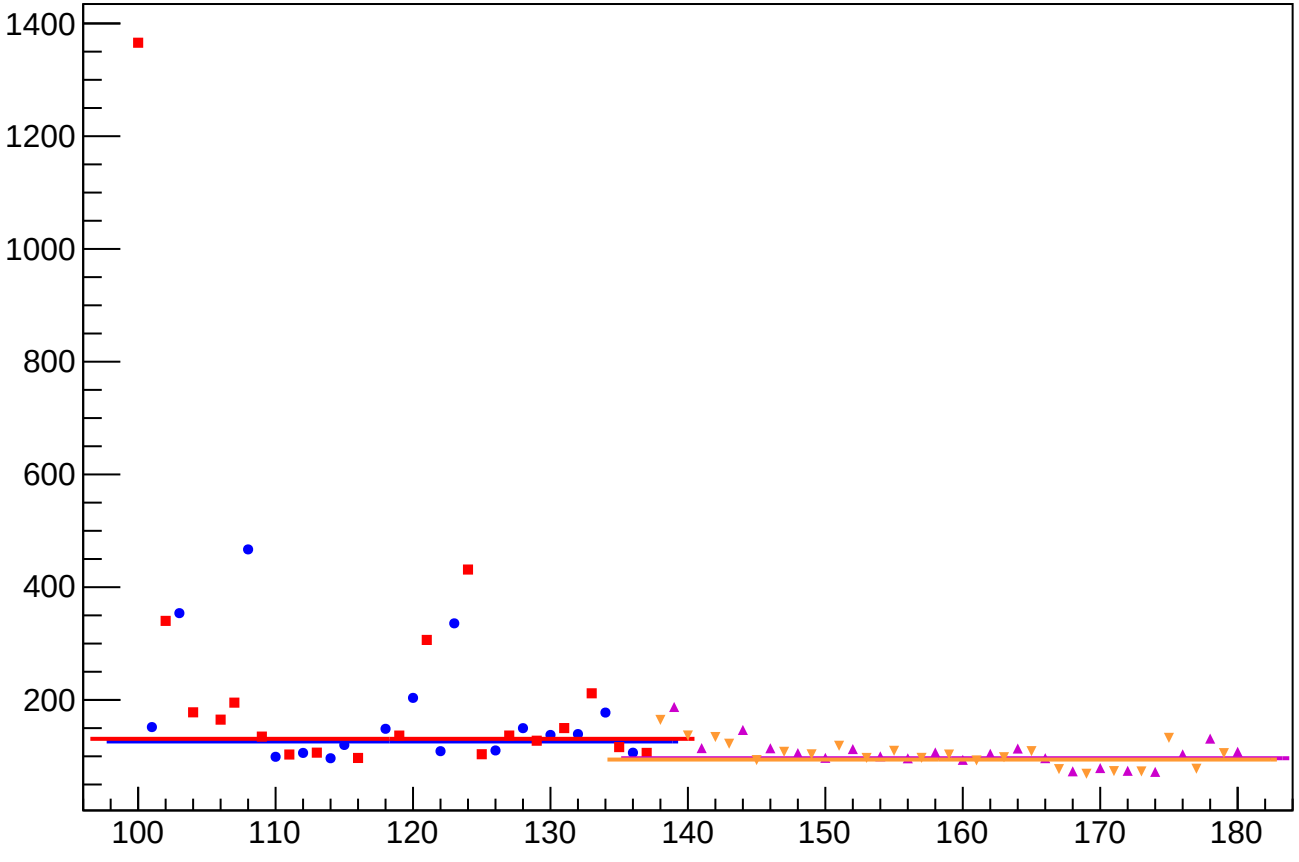
Left In: -84.208+/-24.653 χ^2/NDF:27.5/20

+ sign 49.263+/-21.760 χ^2/NDF: 48.5/38

All: -13.473+/-15.596 χ^2/NDF: 109.7/78

- sign -79.748+/-22.366 χ^2/NDF: 44.1/39

dit_asym_sam3_rms vs Slug



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 94.254+/-0.017 χ^2/NDF:1466398.1/21

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

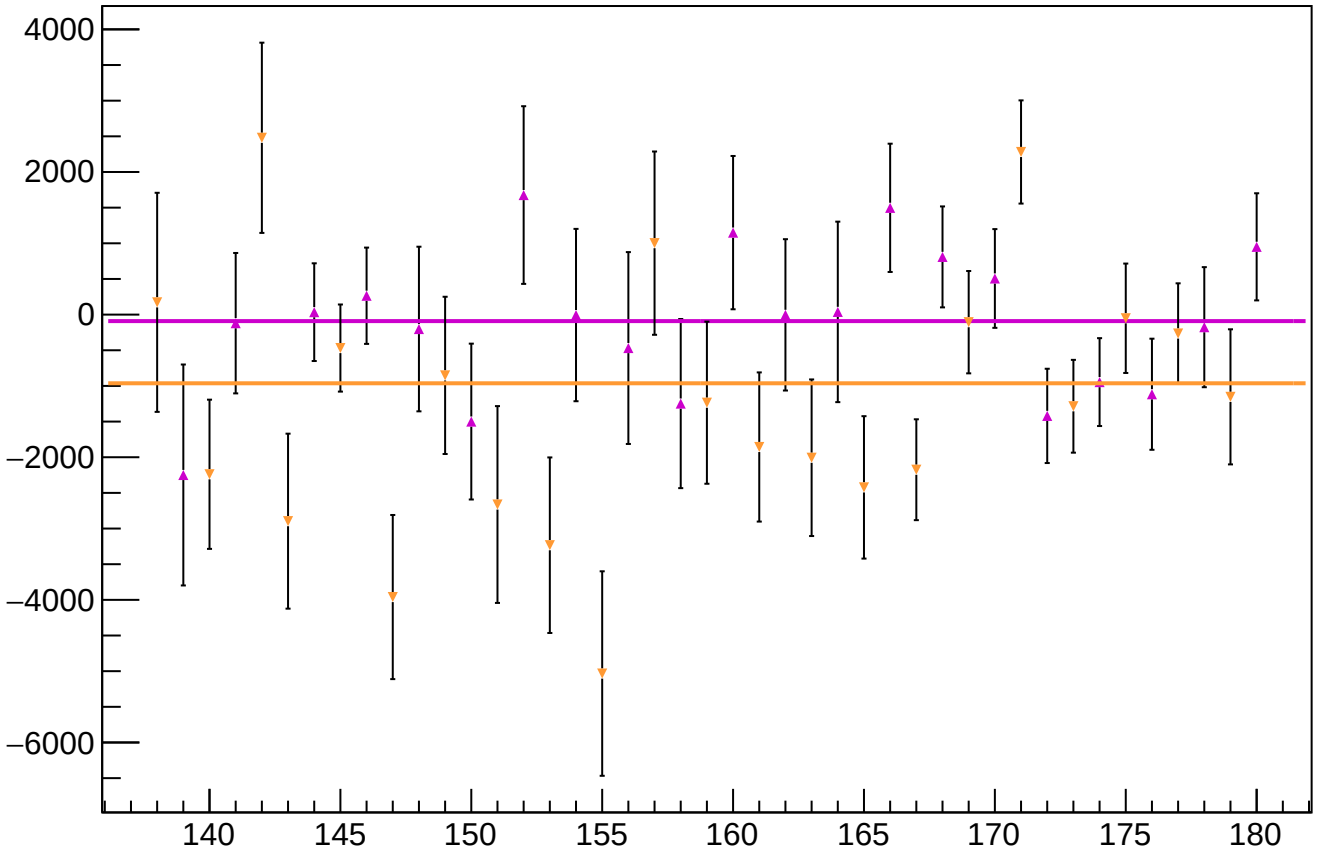
Left In: 96.606+/-0.017 χ^2/NDF:1400521.7/20

+ sign 99.893+/-0.015 χ^2/NDF: 3406861.0/38

All: 101.255+/-0.011 χ^2/NDF: 6941940.6/78

- sign 102.694+/-0.016 χ^2/NDF: 3518957.7/39

asym_sam3_correction_mean vs Slug



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

Left Out: -962.982+/-197.390 χ^2/NDF:64.9/21

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

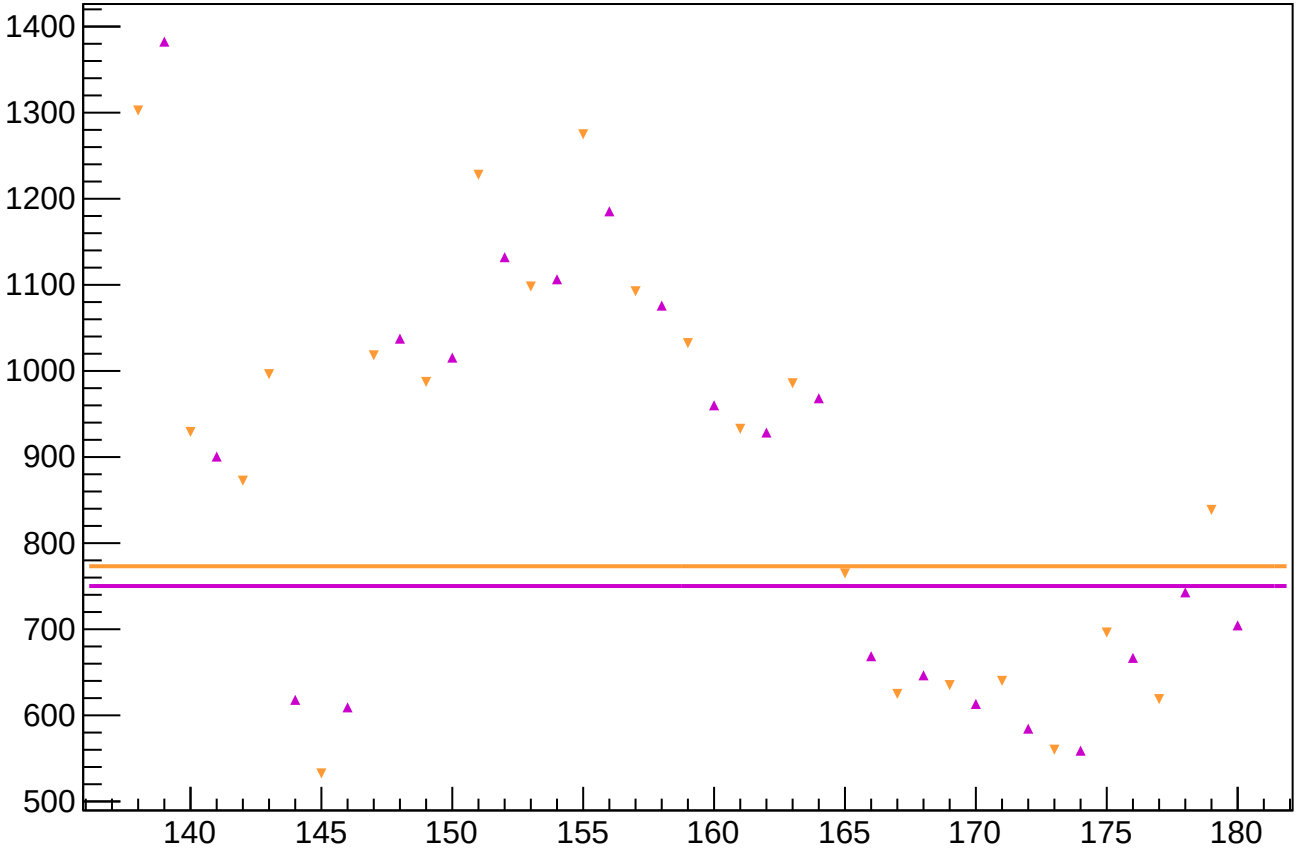
Left In: -90.973+/-191.026 χ^2/NDF:23.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -512.694+/-137.271 χ^2/NDF: 98.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_correction_rms vs Slug



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

Left Out: 773.183+/-0.140 χ^2/NDF:2355942.1/21

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

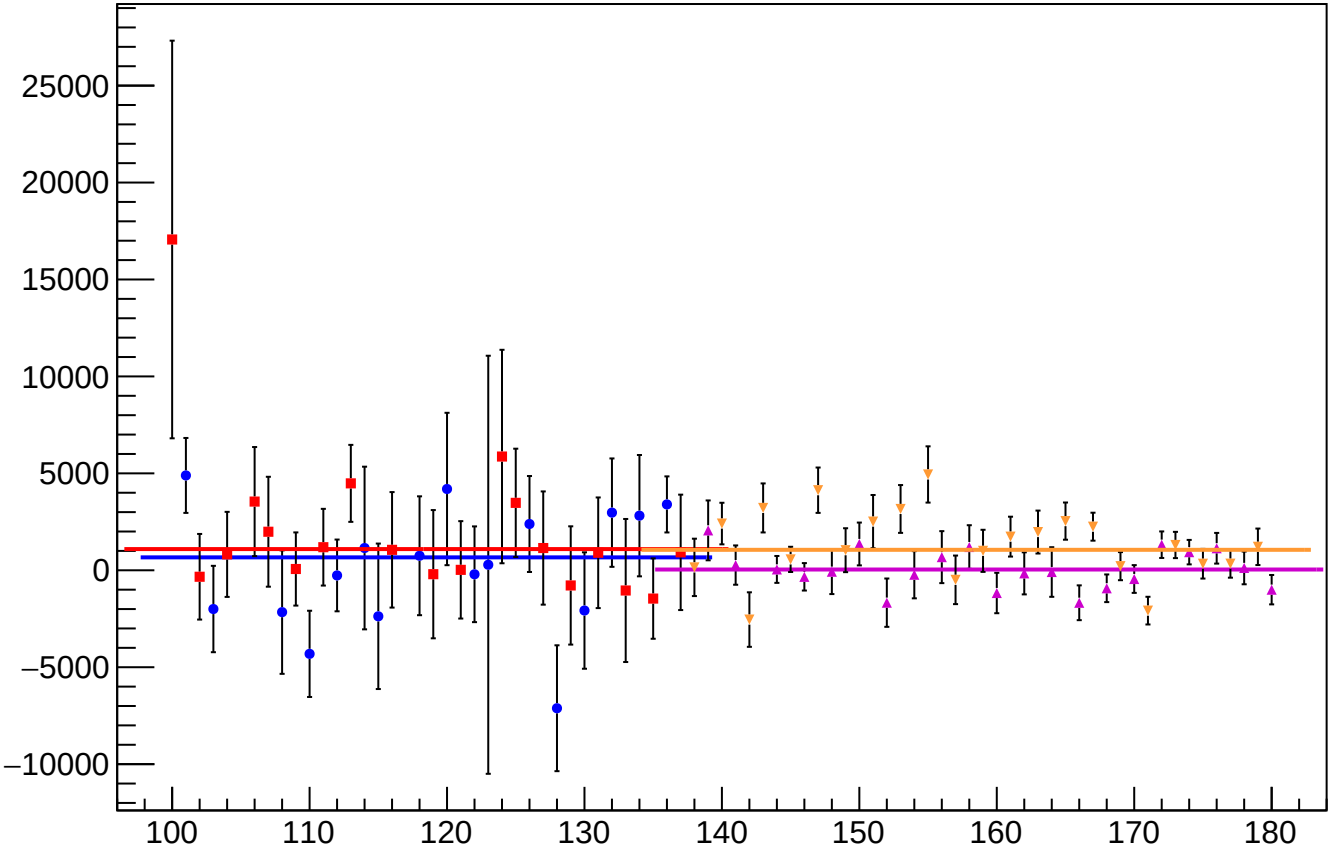
Left In: 750.186+/-0.135 χ^2/NDF:2183826.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 761.308+/-0.097 χ^2/NDF: 4553786.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam3_mean vs Slug



Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 1055.991+/-199.800 χ^2/NDF:60.6/21

Right Out: 1094.278+/-602.639 χ^2/NDF: 11.0/18

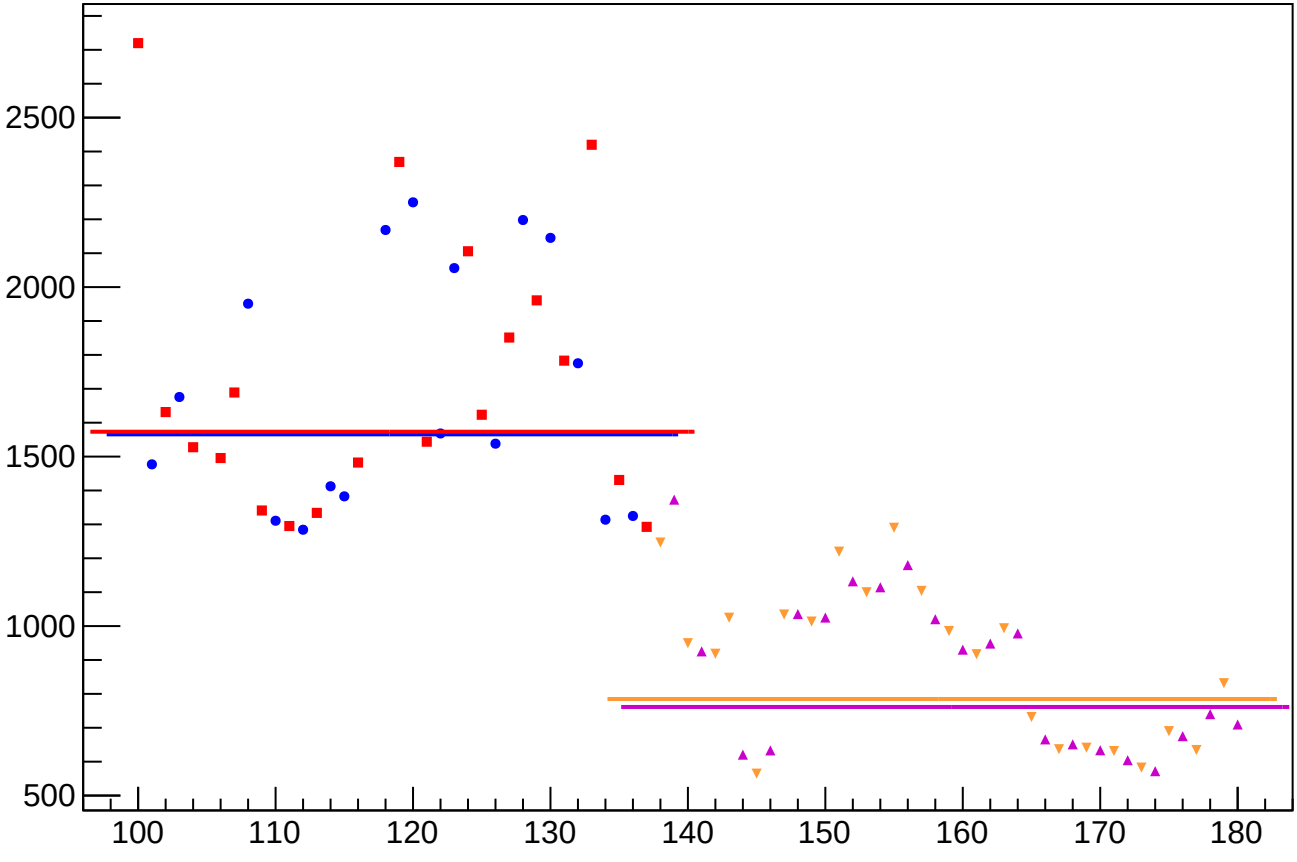
Left In: 40.030+/-193.778 χ^2/NDF:23.4/20

+ sign 1019.219+/-190.136 χ^2/NDF: 86.6/38

All: 565.721+/-132.400 χ^2/NDF: 134.8/78

- sign 138.819+/-184.476 χ^2/NDF: 37.1/39

asym_sam3_rms vs Slug



Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 784.908+/-0.141 χ^2/NDF:2171707.3/21

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

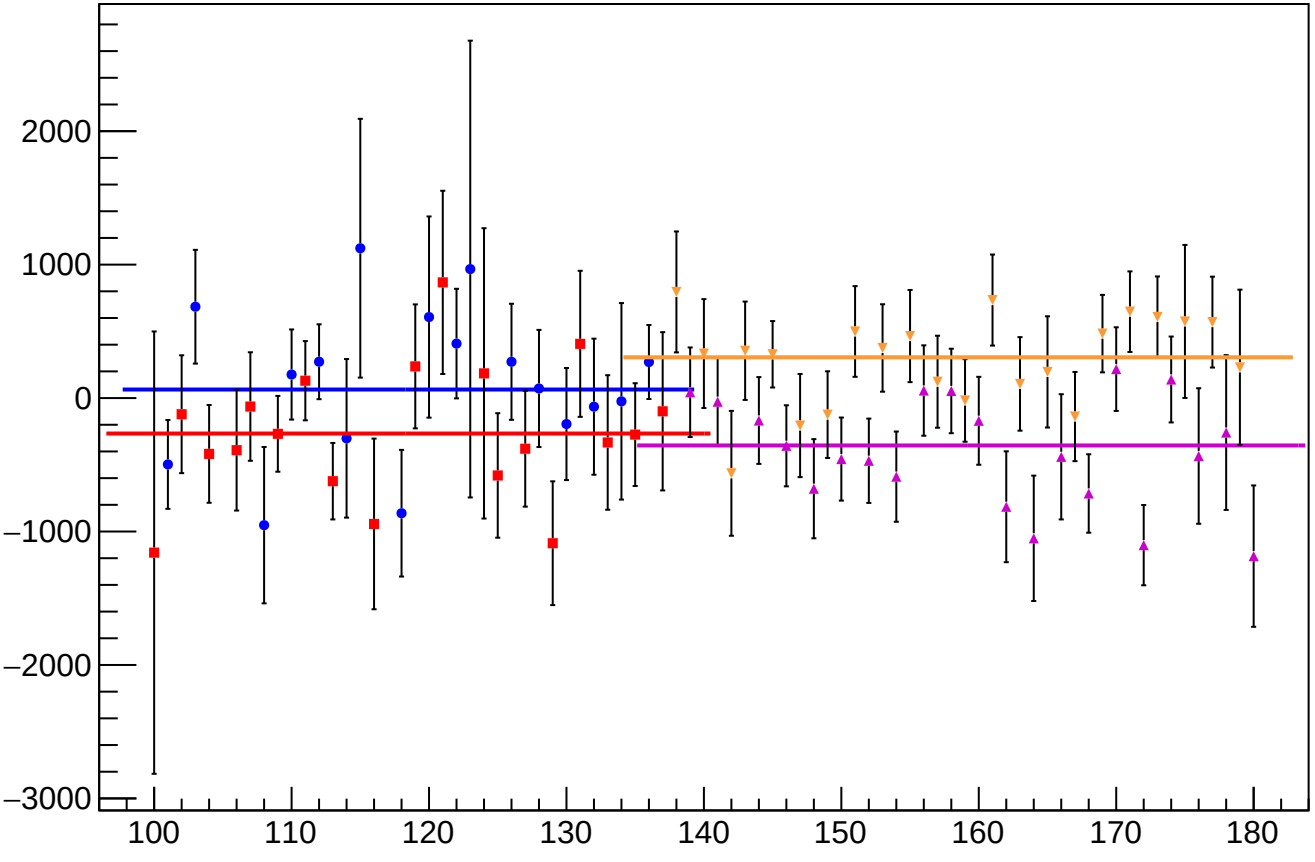
Left In: 761.349+/-0.137 χ^2/NDF:2010593.7/20

+ sign 858.607+/-0.134 χ^2/NDF: 5545172.3/38

All: 847.703+/-0.094 χ^2/NDF: 11321476.9/78

- sign 837.439+/-0.130 χ^2/NDF: 5763535.2/39

dit_asym_sam4_mean vs Slug



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 305.709+/-74.511 χ^2/NDF:17.3/21

Right Out: -265.661+/-99.379 χ^2/NDF: 14.7/18

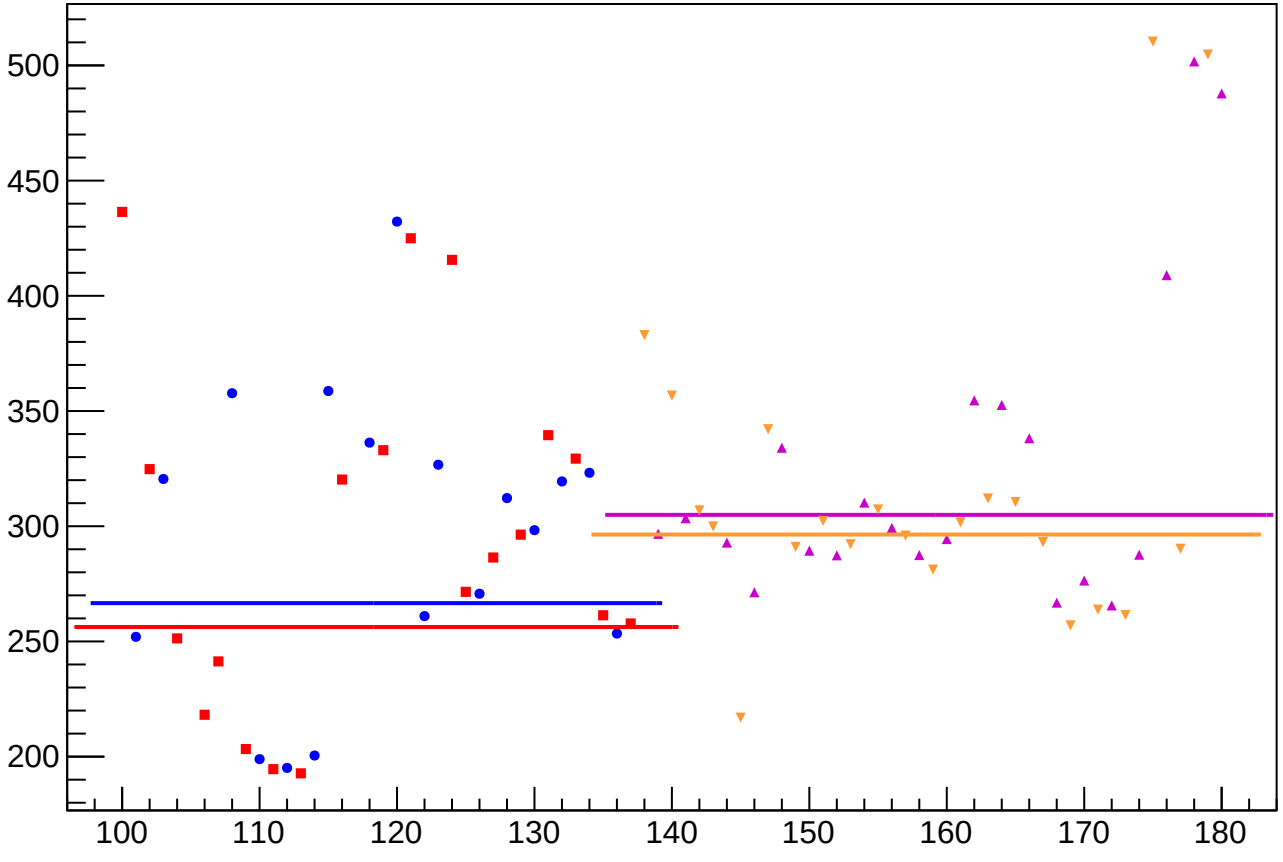
Left In: -355.002+/-76.642 χ^2/NDF:27.0/20

+ sign 225.129+/-60.831 χ^2/NDF: 37.6/38

All: -48.908+/-42.964 χ^2/NDF: 120.2/78

- sign -321.683+/-60.690 χ^2/NDF: 42.2/39

dit_asym_sam4_rms vs Slug



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 296.406+/-0.053 χ^2/NDF:986806.7/21

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

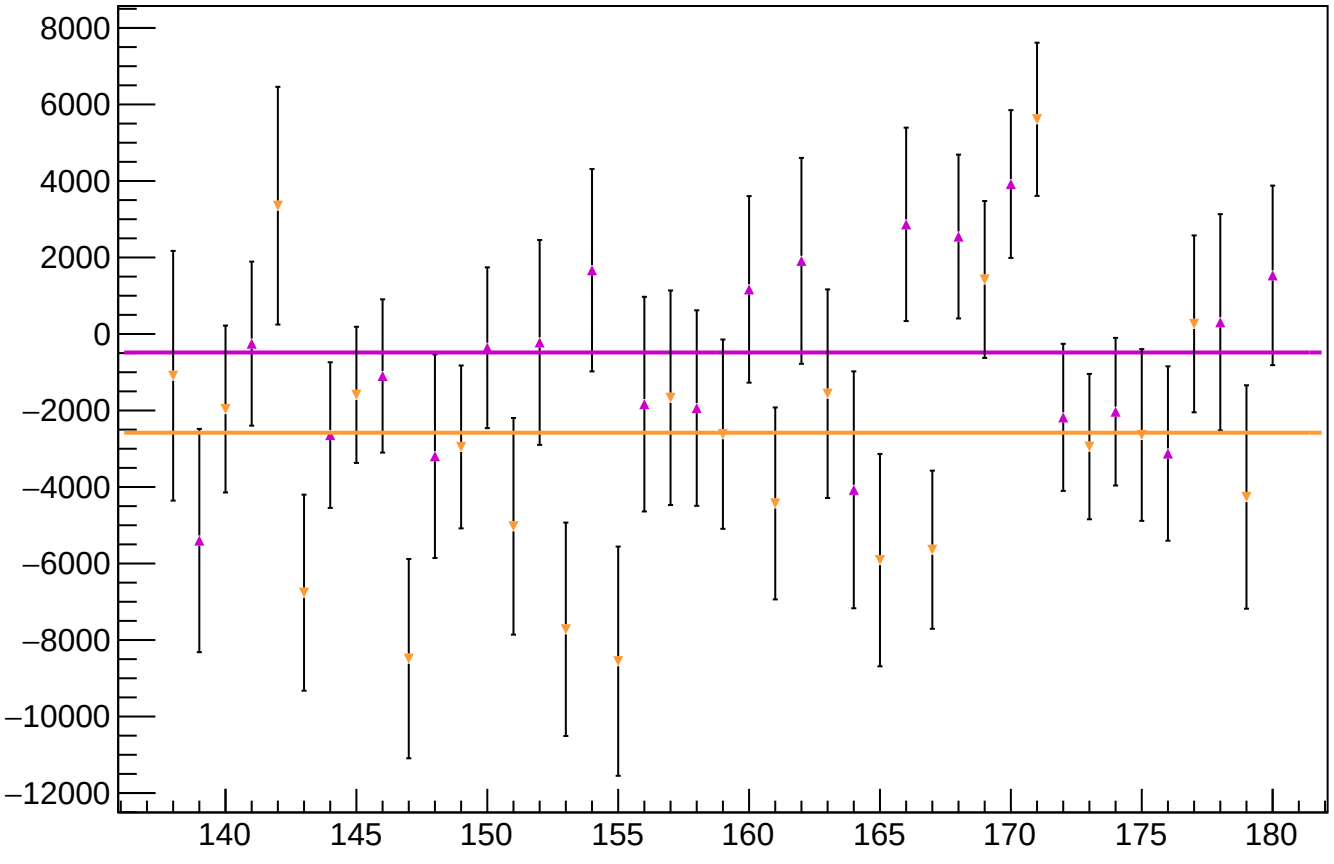
Left In: 304.936+/-0.054 χ^2/NDF:762964.9/20

+ sign 286.474+/-0.043 χ^2/NDF: 1644112.6/38

All: 286.630+/-0.030 χ^2/NDF: 3404761.3/78

- sign 286.785+/-0.043 χ^2/NDF: 1760622.4/39

asym_sam4_correction_mean vs Slug



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

Left Out: -2580.491+/-511.457 χ^2/NDF:47.0/21

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

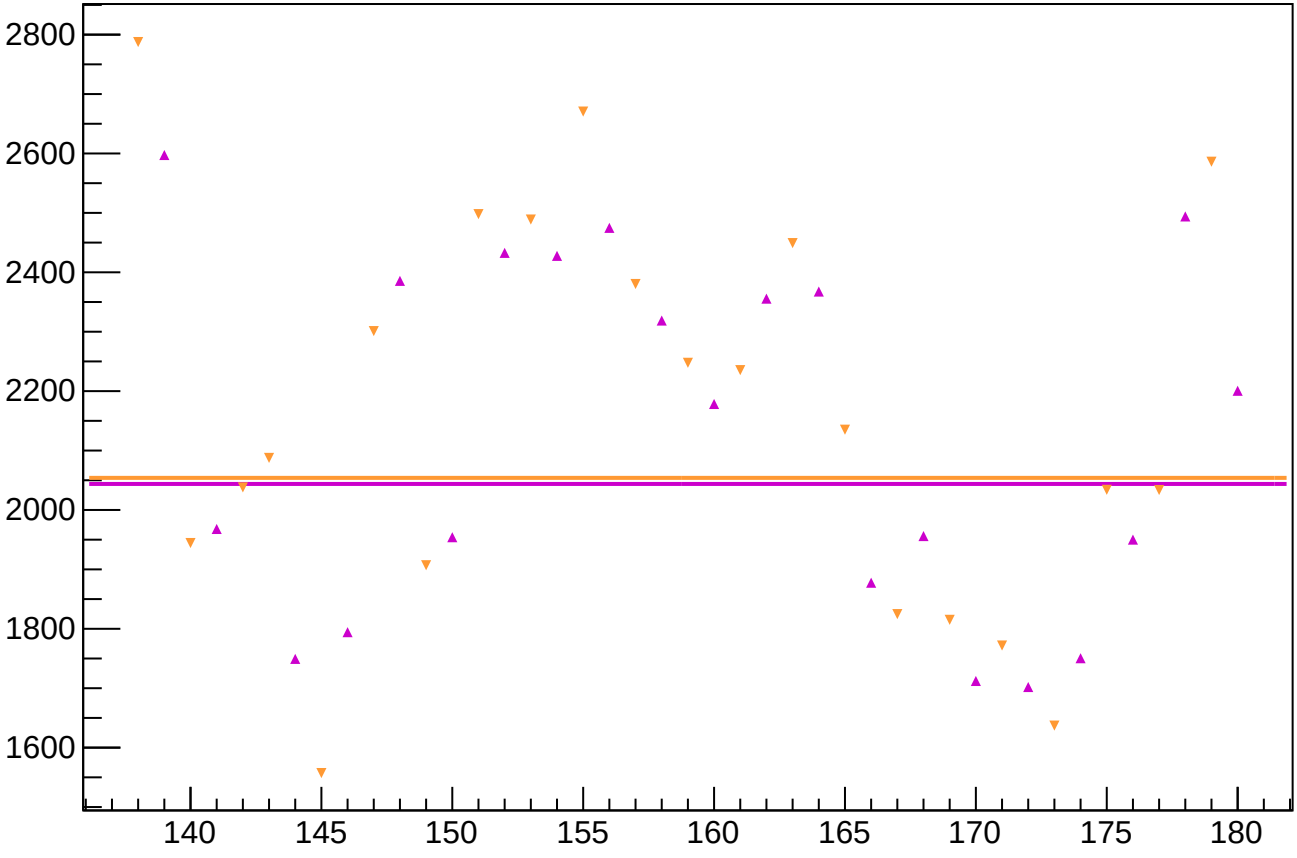
Left In: -483.541+/-507.582 χ^2/NDF:21.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1524.043+/-360.277 χ^2/NDF: 77.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_correction_rms vs Slug



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

Left Out: 2054.035+/-0.362 χ^2/NDF:820249.0/21

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

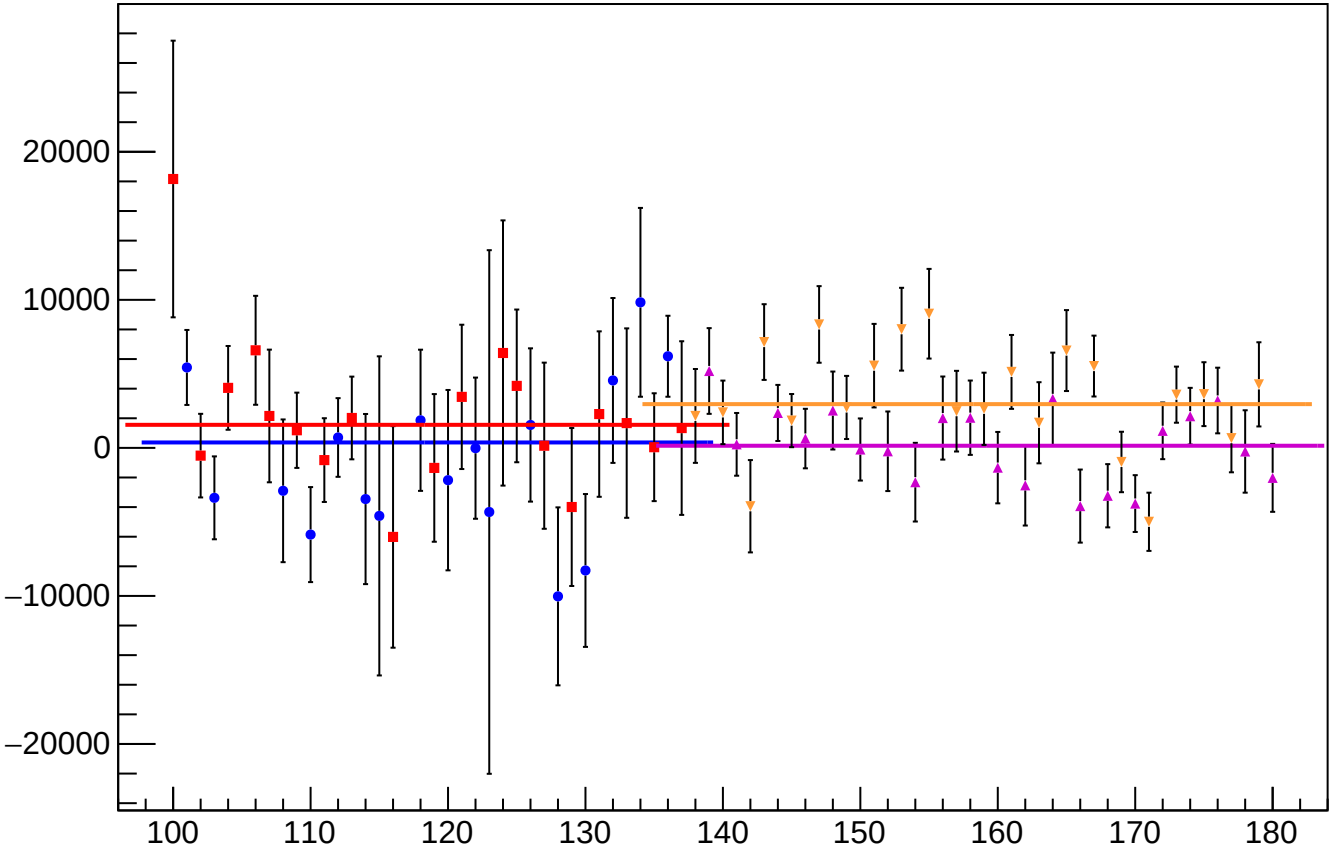
Left In: 2043.795+/-0.359 χ^2/NDF:642840.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2048.876+/-0.255 χ^2/NDF: 1463493.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam4_mean vs Slug



Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 2955.464+/-507.355 χ^2/NDF:46.4/21

Right Out: 1557.388+/-924.003 χ^2/NDF: 10.5/18

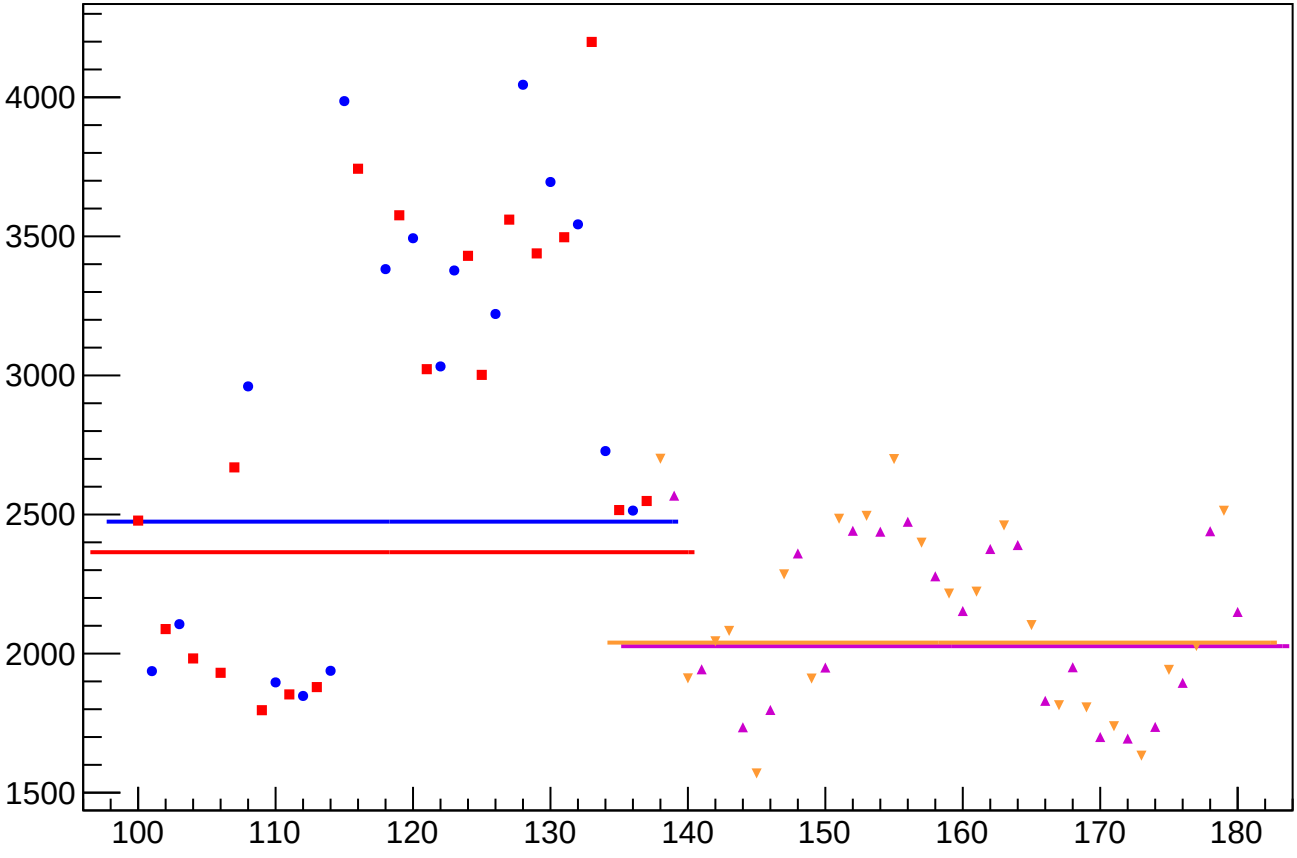
Left In: 144.450+/-503.897 χ^2/NDF:23.1/20

+ sign 2419.066+/-451.750 χ^2/NDF: 76.0/38

All: 1423.279+/-316.074 χ^2/NDF: 120.9/78

- sign 468.332+/-442.390 χ^2/NDF: 35.4/39

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2039.504+/-0.359 χ^2/NDF:808007.8/21

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

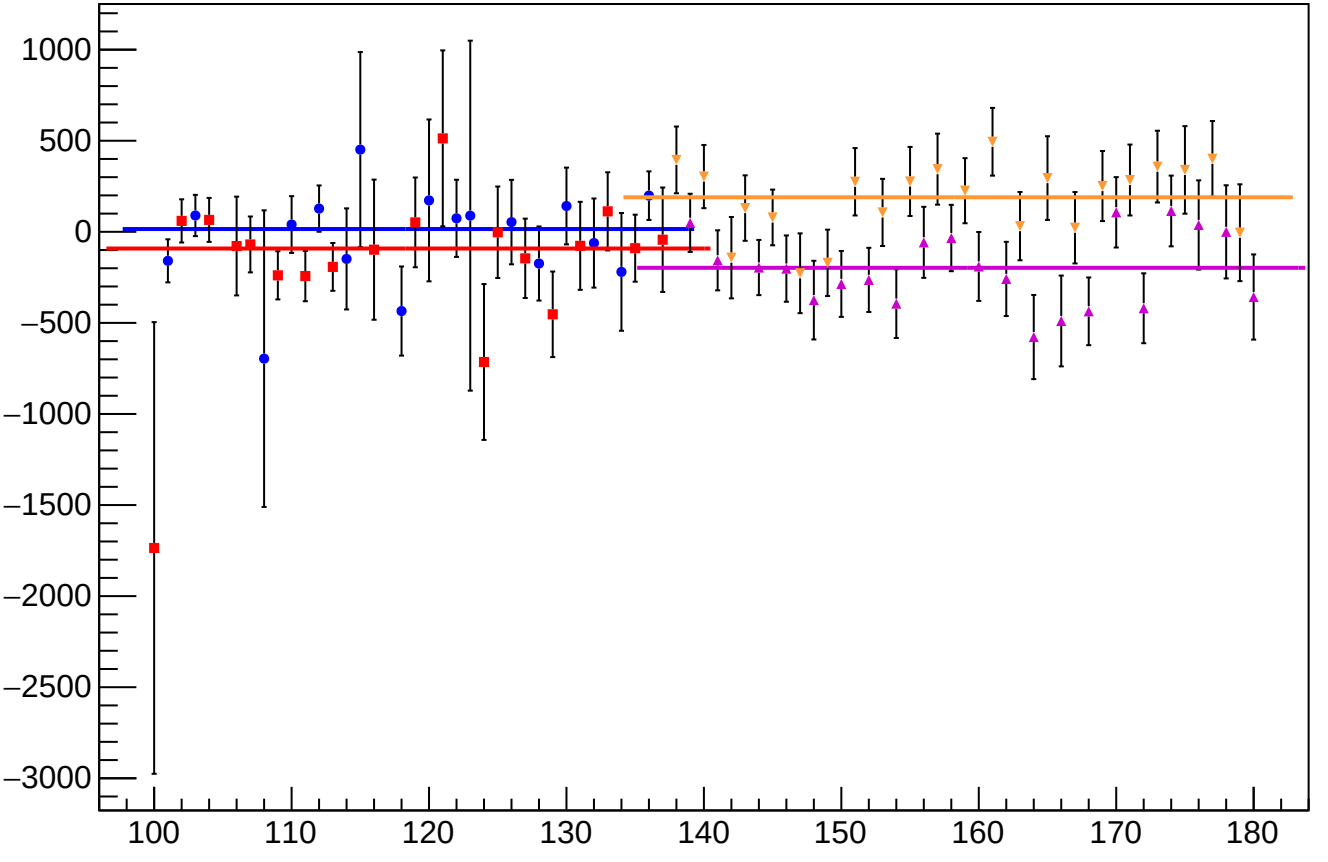
Left In: 2026.665+/-0.356 χ^2/NDF:649467.5/20

+ sign 2129.605+/-0.319 χ^2/NDF: 2018713.9/38

All: 2116.589+/-0.223 χ^2/NDF: 3900918.3/78

- sign 2104.107+/-0.313 χ^2/NDF: 1878952.0/39

dit_asym_sam5_mean vs Slug



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 189.648+/-41.232 χ^2/NDF:20.7/21

Right Out: -91.634+/-43.318 χ^2/NDF: 15.7/18

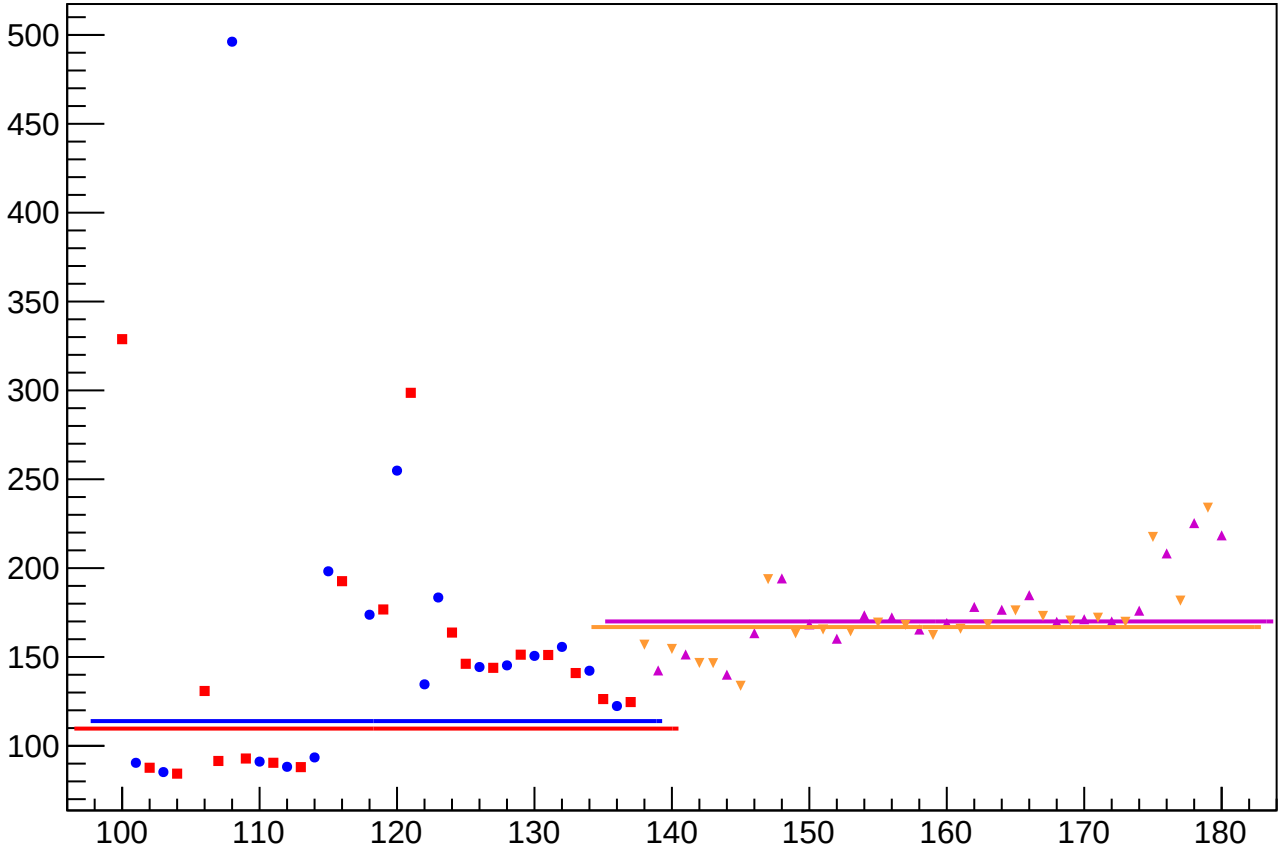
Left In: -197.581+/-42.071 χ^2/NDF:20.1/20

+ sign 112.801+/-30.834 χ^2/NDF: 41.2/38

All: -19.452+/-21.568 χ^2/NDF: 116.0/78

- sign -146.154+/-30.180 χ^2/NDF: 38.9/39

dit_asym_sam5_rms vs Slug



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 166.834+/-0.029 χ^2/NDF:419788.8/21

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

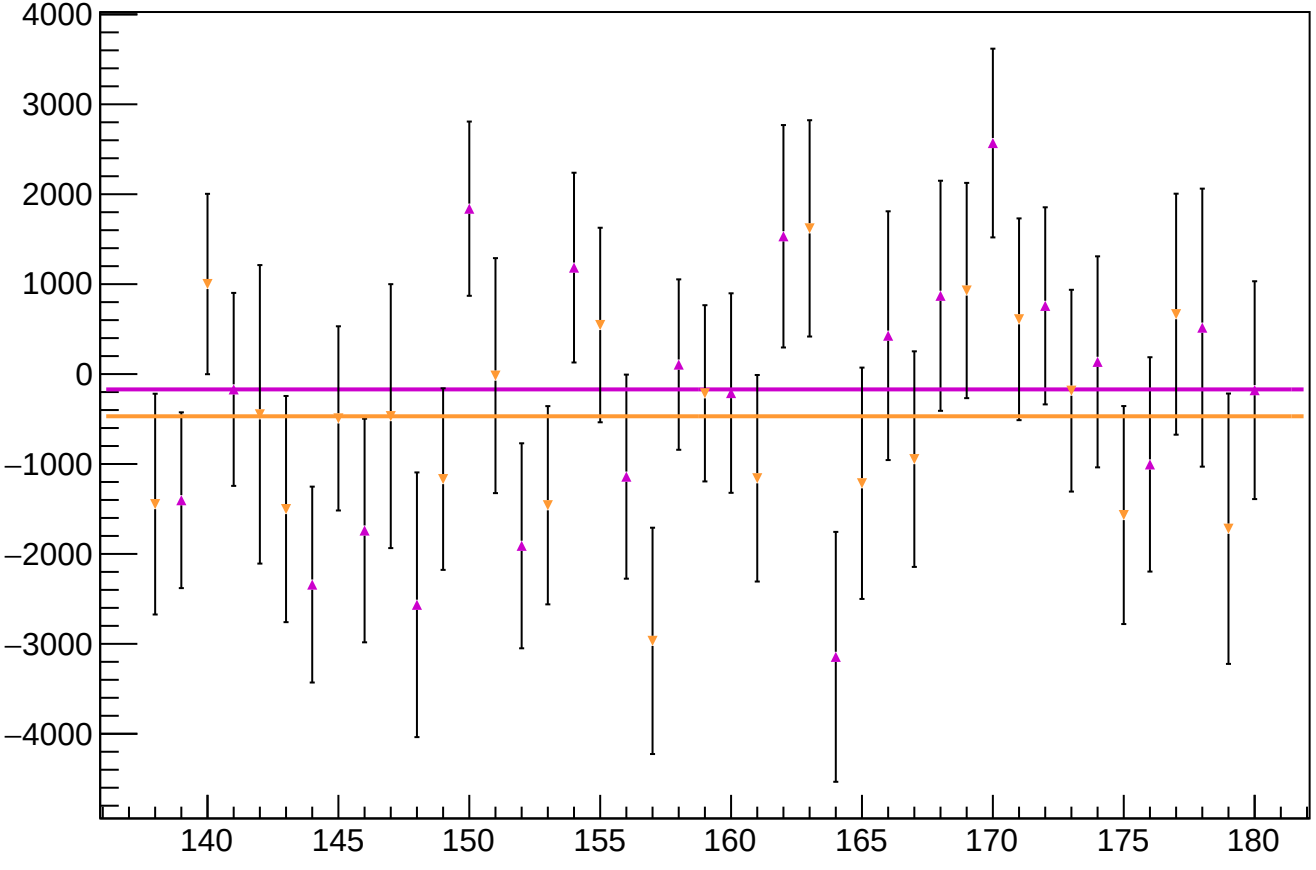
Left In: 170.006+/-0.030 χ^2/NDF:441586.9/20

+ sign 143.516+/-0.022 χ^2/NDF: 3278818.5/38

All: 142.097+/-0.015 χ^2/NDF: 6964812.1/78

- sign 140.738+/-0.021 χ^2/NDF: 3677701.9/39

asym_sam5_correction_mean vs Slug



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

Left Out: -469.346+/-252.342 χ^2/NDF:18.2/21

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

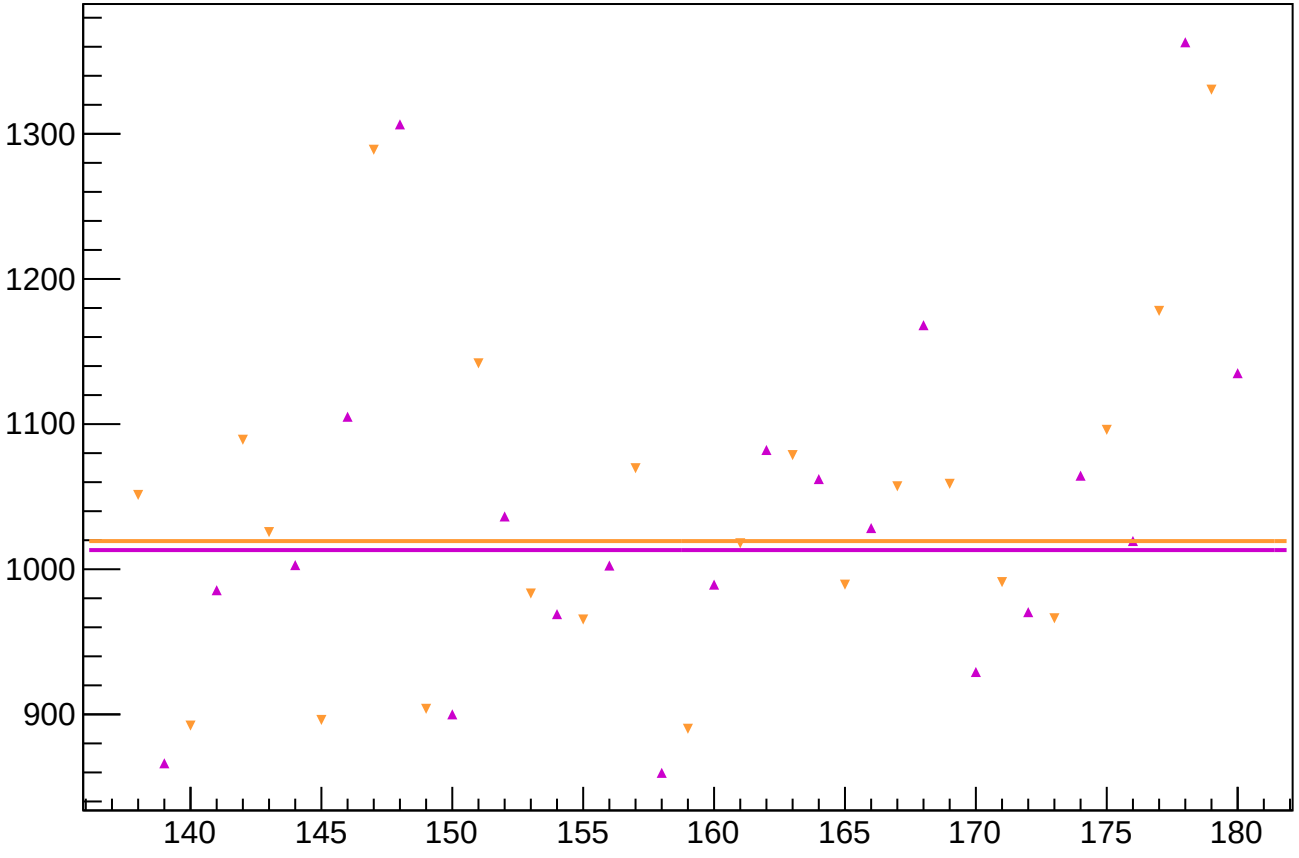
Left In: -170.461+/-250.954 χ^2/NDF:34.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -319.080+/-177.940 χ^2/NDF: 53.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_correction_rms vs Slug



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

Left Out: 1019.399+/-0.178 χ^2/NDF:359938.0/21

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

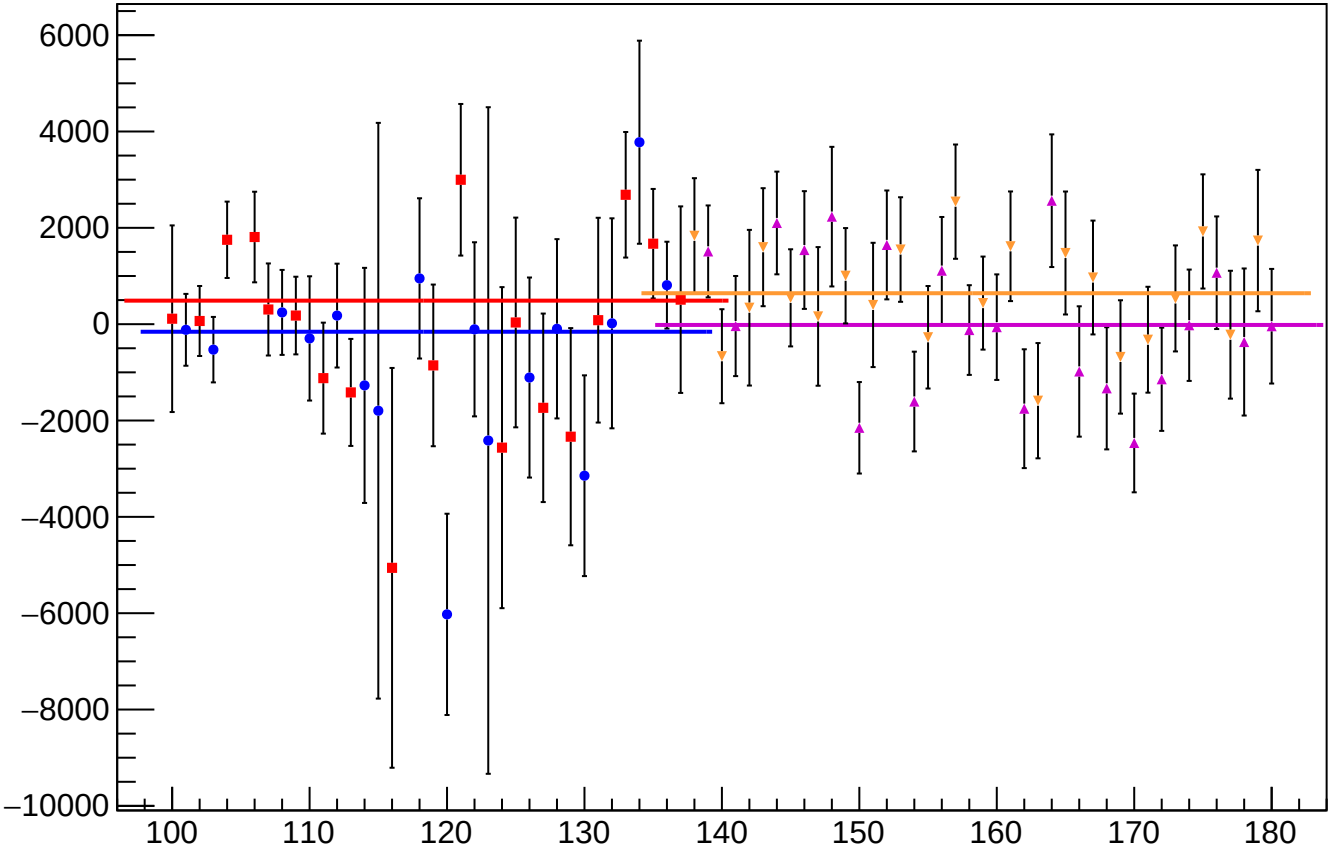
Left In: 1013.197+/-0.177 χ^2/NDF:402947.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1016.281+/-0.126 χ^2/NDF: 763493.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam5_mean vs Slug



Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 642.532+/-247.517 χ^2/NDF:16.7/21

Right Out: 488.583+/-282.758 χ^2/NDF: 22.6/18

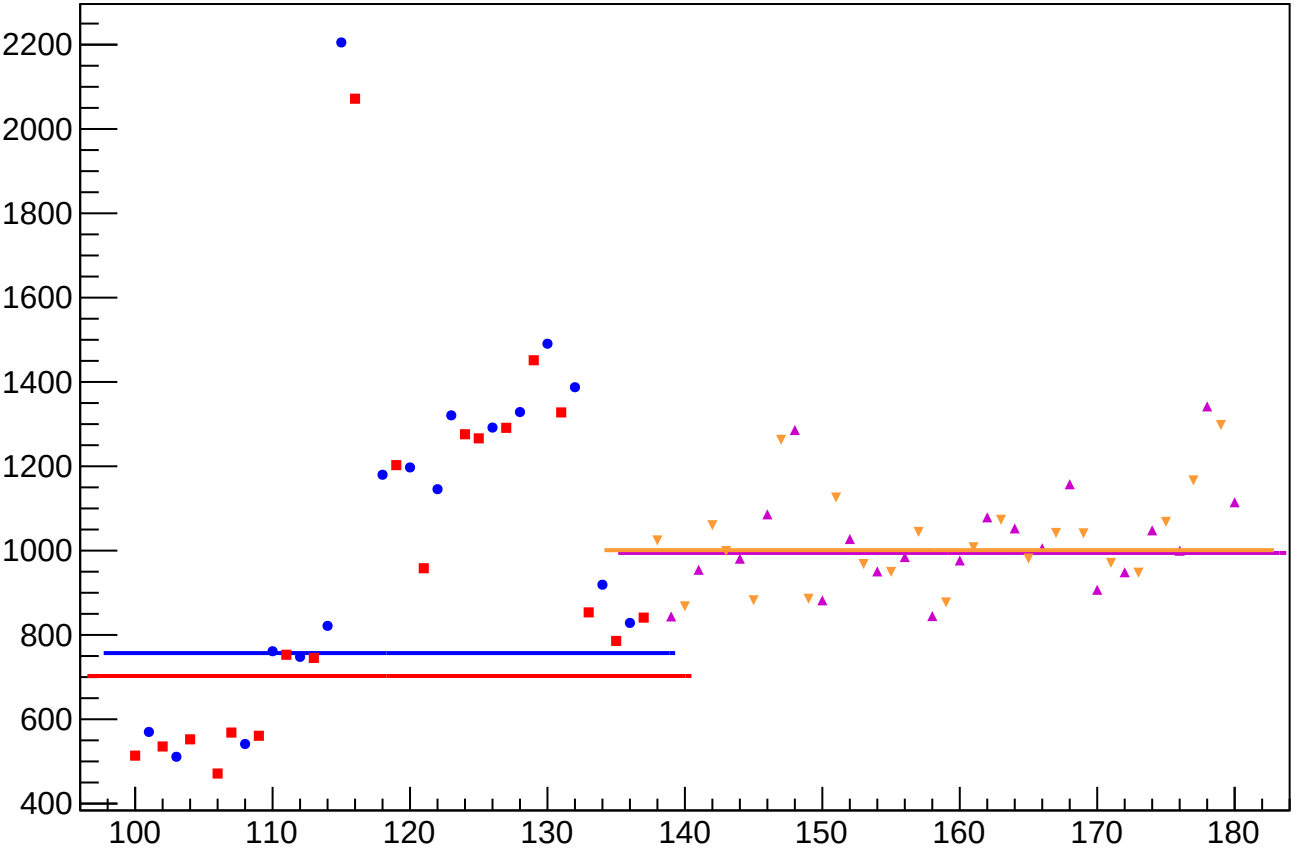
Left In: -16.079+/-246.497 χ^2/NDF:36.0/20

+ sign 334.239+/-194.028 χ^2/NDF: 37.0/38

All: 265.174+/-134.197 χ^2/NDF: 97.6/78

- sign 201.838+/-185.806 χ^2/NDF: 60.4/39

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 1001.058+/-0.175 χ^2/NDF:360723.2/21

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

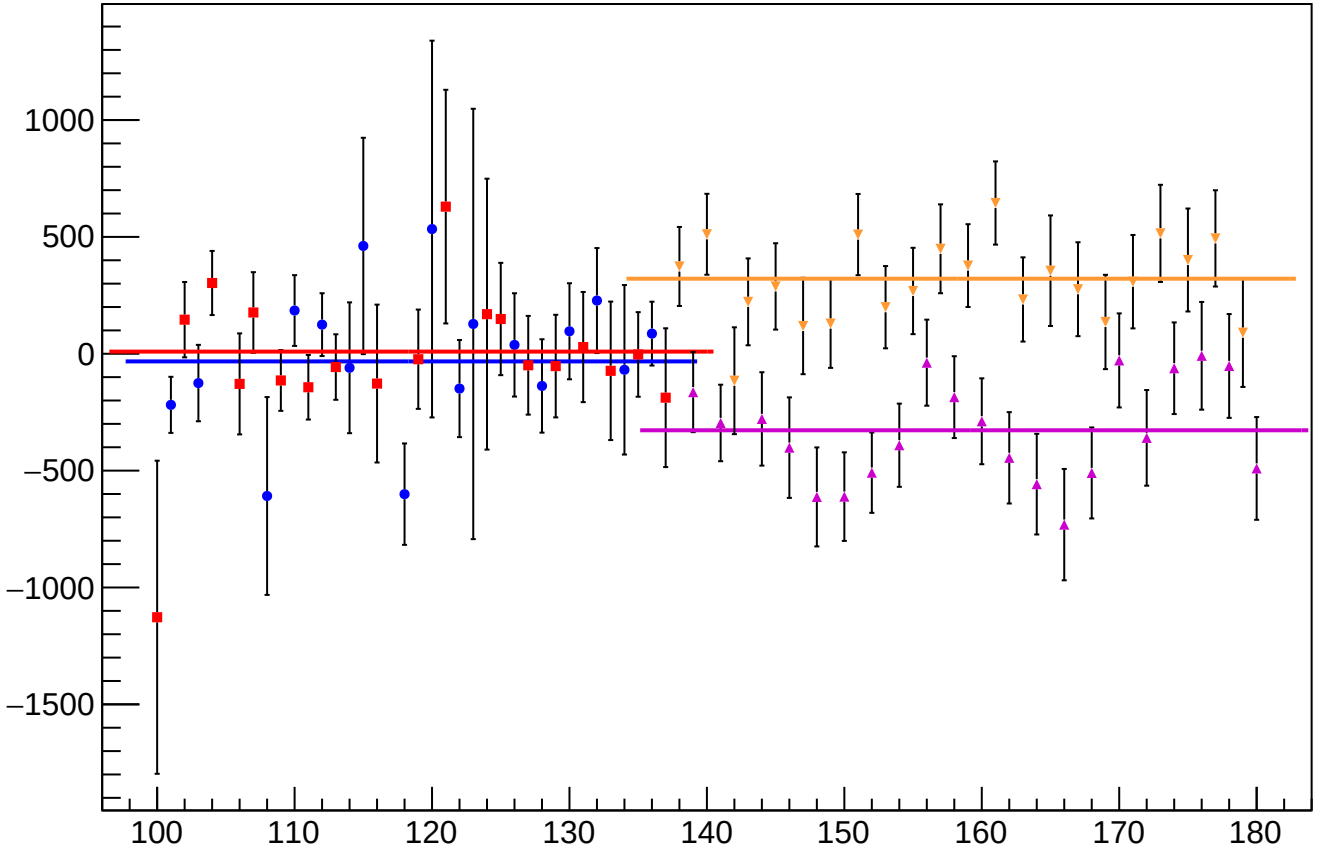
Left In: 994.469+/-0.174 χ^2/NDF:423701.7/20

+ sign 906.966+/-0.137 χ^2/NDF: 2821709.6/38

All: 886.881+/-0.095 χ^2/NDF: 6186406.2/78

- sign 868.462+/-0.131 χ^2/NDF: 3323611.4/39

dit_asym_sam6_mean vs Slug



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 321.183+/-41.106 χ^2/NDF:16.7/21

Right Out: 9.277+/-45.600 χ^2/NDF: 14.7/18

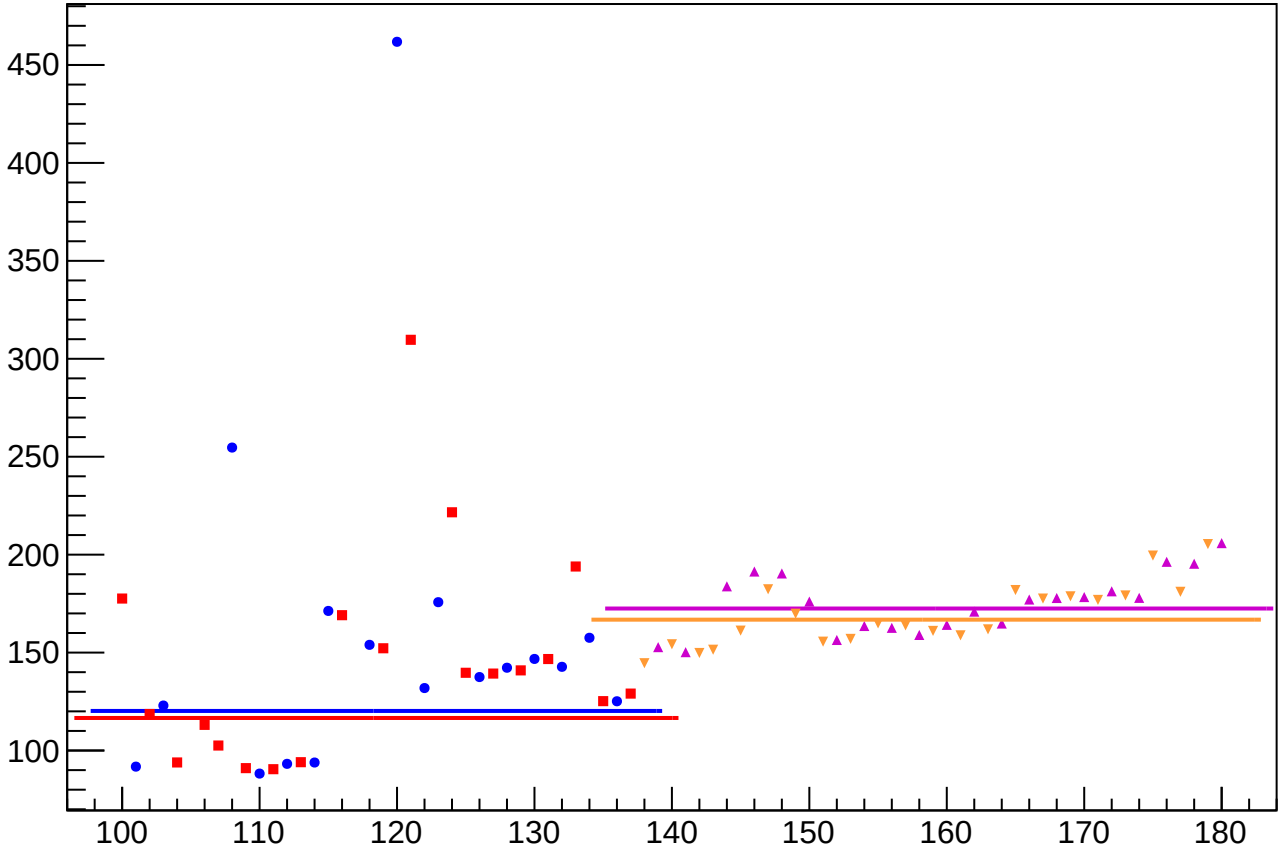
Left In: -327.425+/-42.577 χ^2/NDF:22.9/20

+ sign 173.003+/-31.340 χ^2/NDF: 67.5/38

All: -0.005+/-22.082 χ^2/NDF: 194.7/78

- sign -170.602+/-31.120 χ^2/NDF: 66.7/39

dit_asym_sam6_rms vs Slug



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 166.809+/-0.029 χ^2/NDF:248470.1/21

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

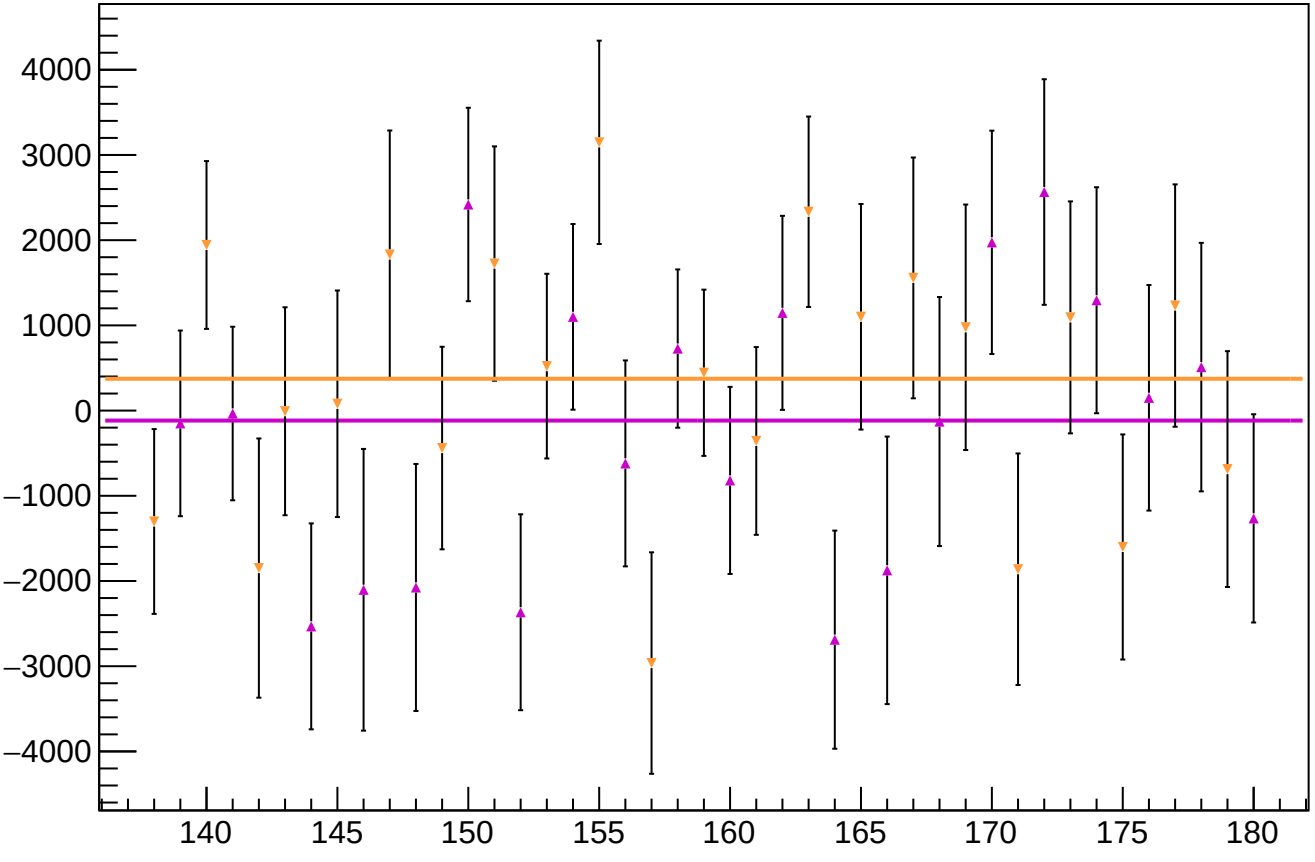
Left In: 172.500+/-0.030 χ^2/NDF:245300.2/20

+ sign 147.295+/-0.022 χ^2/NDF: 2387197.6/38

All: 146.881+/-0.016 χ^2/NDF: 5235798.2/78

- sign 146.472+/-0.022 χ^2/NDF: 2847905.8/39

asym_sam6_correction_mean vs Slug



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

Left Out: 373.536+/-264.393 χ^2/NDF:32.5/21

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

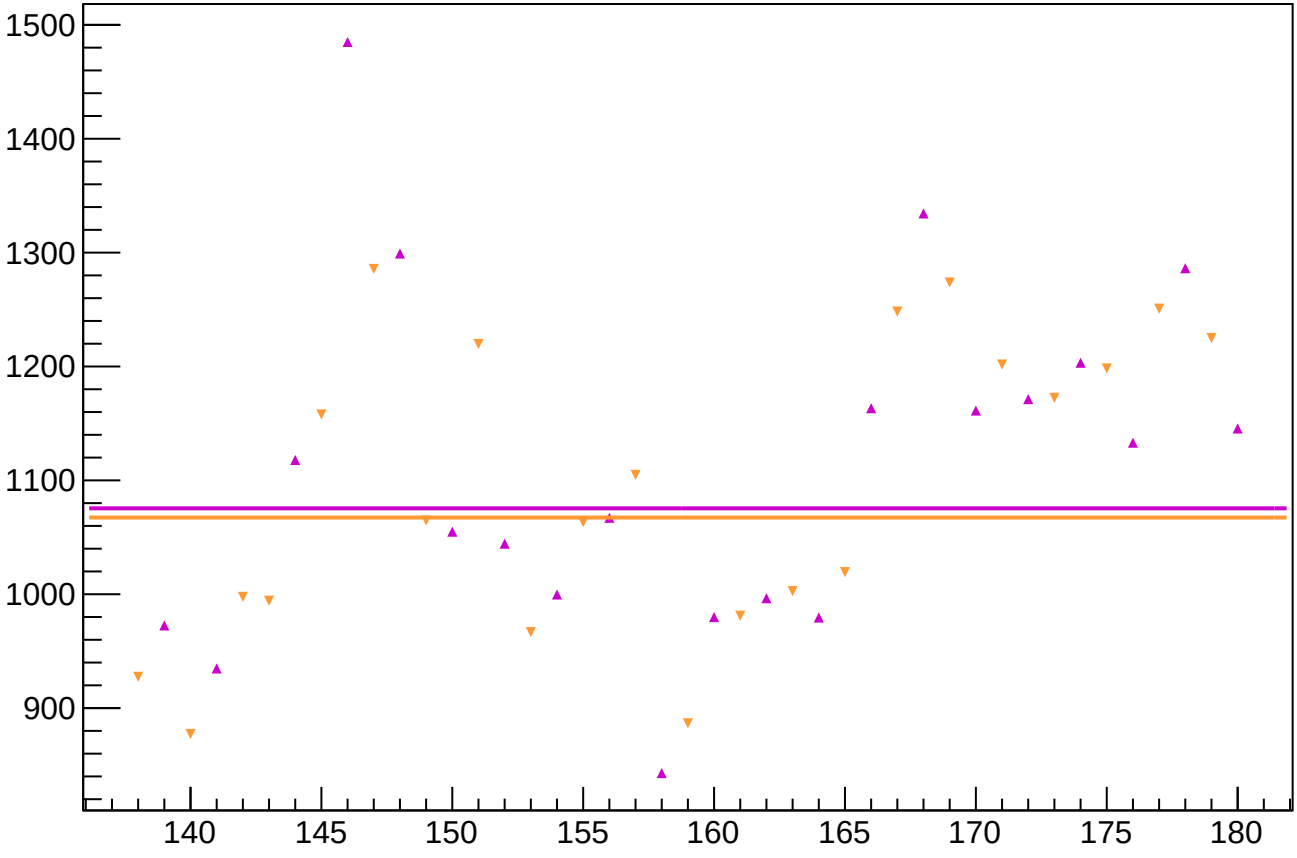
Left In: -117.114+/-266.600 χ^2/NDF:34.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 130.249+/-187.730 χ^2/NDF: 68.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_correction_rms vs Slug



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

Left Out: 1067.358+/-0.187 χ^2/NDF:491245.8/21

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

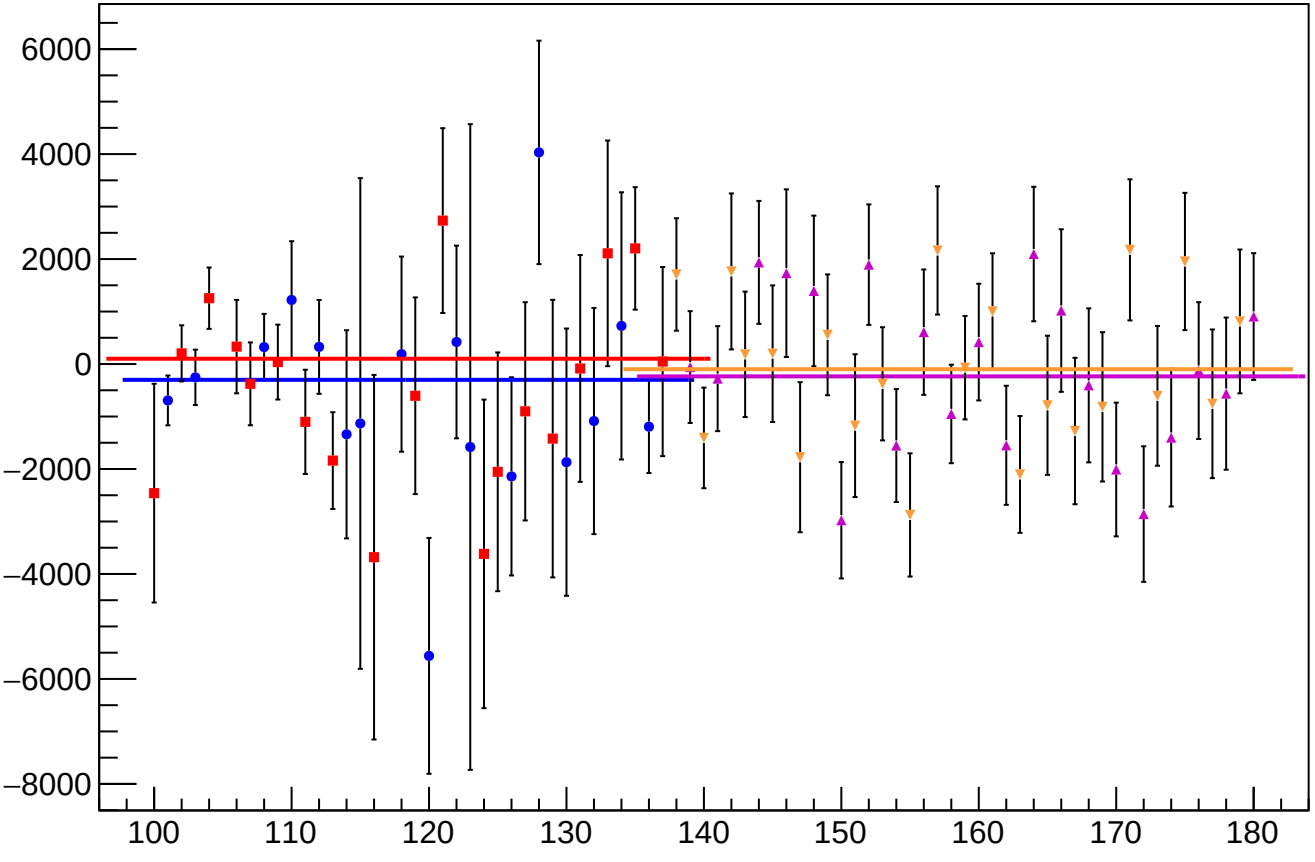
Left In: 1075.430+/-0.189 χ^2/NDF:560895.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1071.360+/-0.133 χ^2/NDF: 1053065.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam6_mean vs Slug



Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: -98.531+/-260.775 χ^2/NDF:29.4/21

Right Out: 100.857+/-245.981 χ^2/NDF: 22.5/18

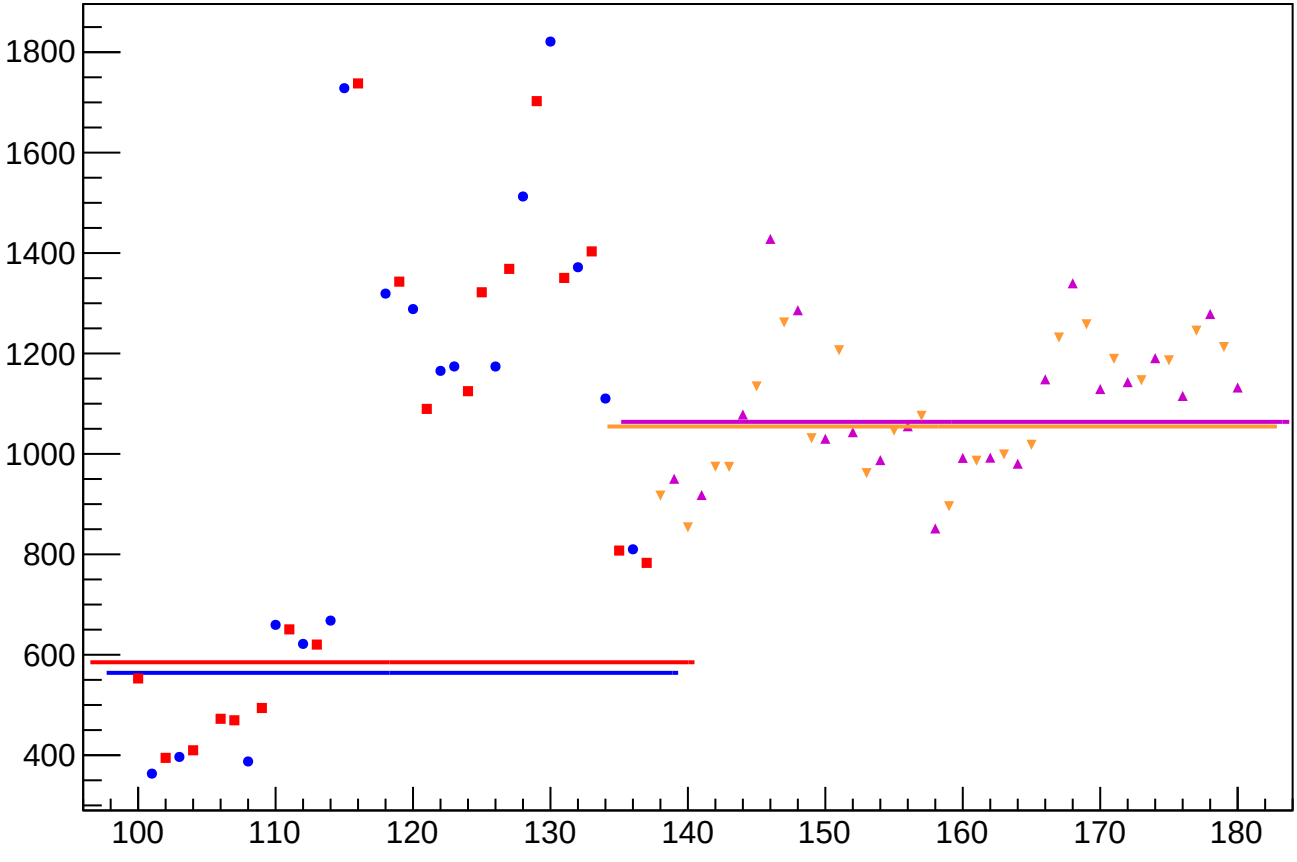
Left In: -235.151+/-263.672 χ^2/NDF:31.9/20

+ sign -204.018+/-180.482 χ^2/NDF: 46.6/38

All: -129.503+/-127.401 χ^2/NDF: 102.2/78

- sign -55.497+/-179.864 χ^2/NDF: 55.3/39

asym_sam6_rms vs Slug



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1054.565+/-0.184 χ^2/NDF:478638.5/21

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

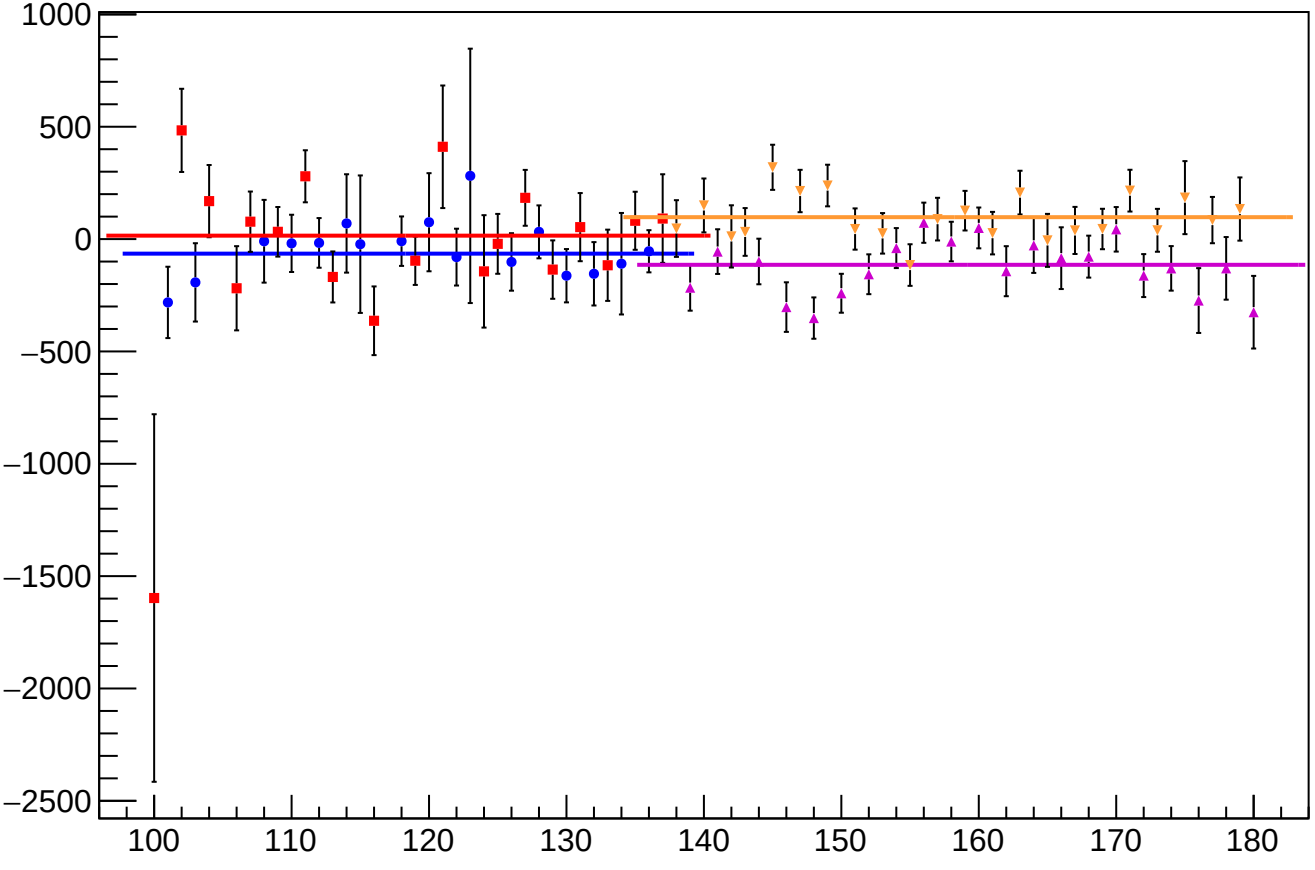
Left In: 1063.833+/-0.186 χ^2/NDF:518768.4/20

+ sign 798.981+/-0.128 χ^2/NDF: 7427558.3/38

All: 803.432+/-0.090 χ^2/NDF: 14295168.7/78

- sign 807.853+/-0.127 χ^2/NDF: 6865186.2/39

dit_asym_sam7_mean vs Slug



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 97.518+/-21.763 χ^2/NDF:21.8/21

Right Out: 15.294+/-33.422 χ^2/NDF: 35.0/18

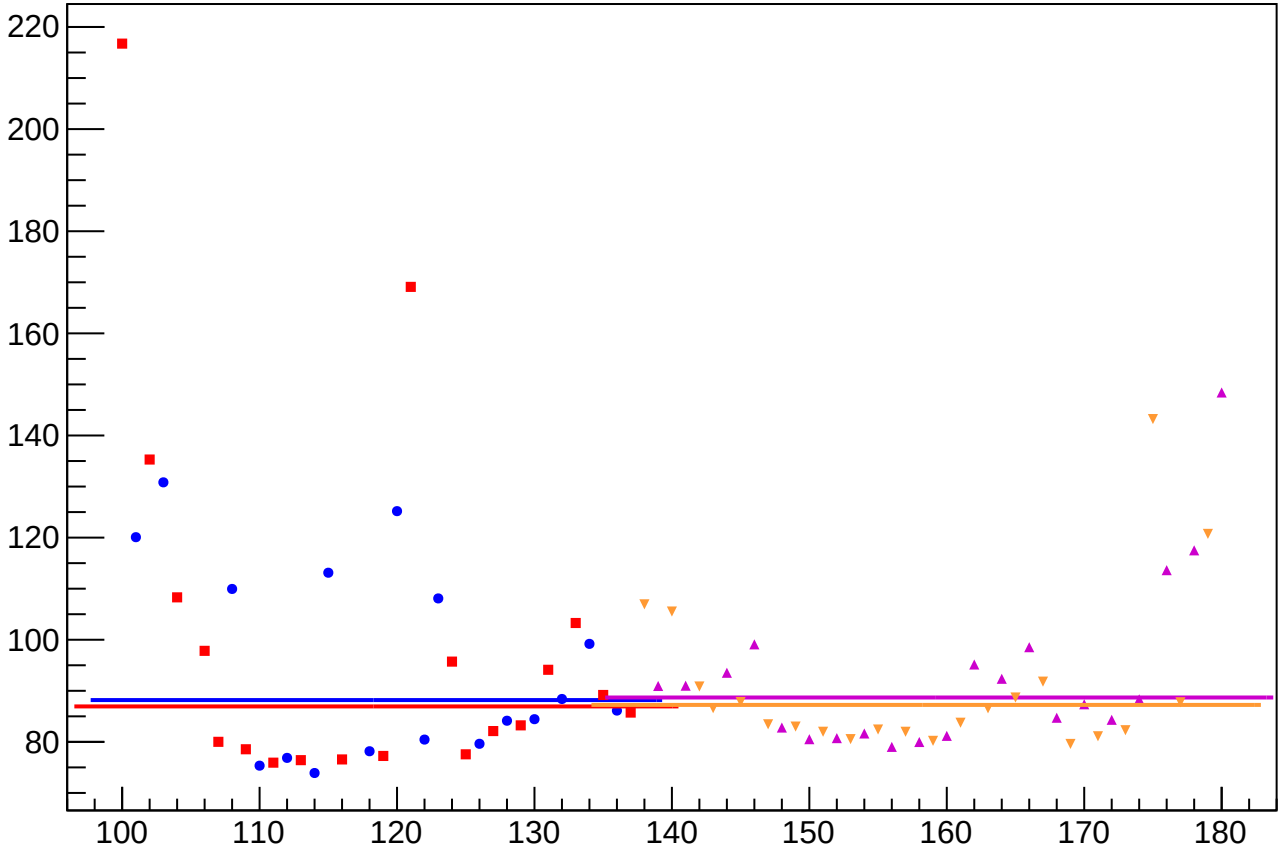
Left In: -114.492+/-22.238 χ^2/NDF:29.5/20

+ sign 51.561+/-18.426 χ^2/NDF: 43.7/38

All: -11.252+/-13.060 χ^2/NDF: 142.1/78

- sign -74.665+/-18.514 χ^2/NDF: 75.0/39

dit_asym_sam7_rms vs Slug



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 87.238+/-0.015 χ^2/NDF:532270.0/21

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

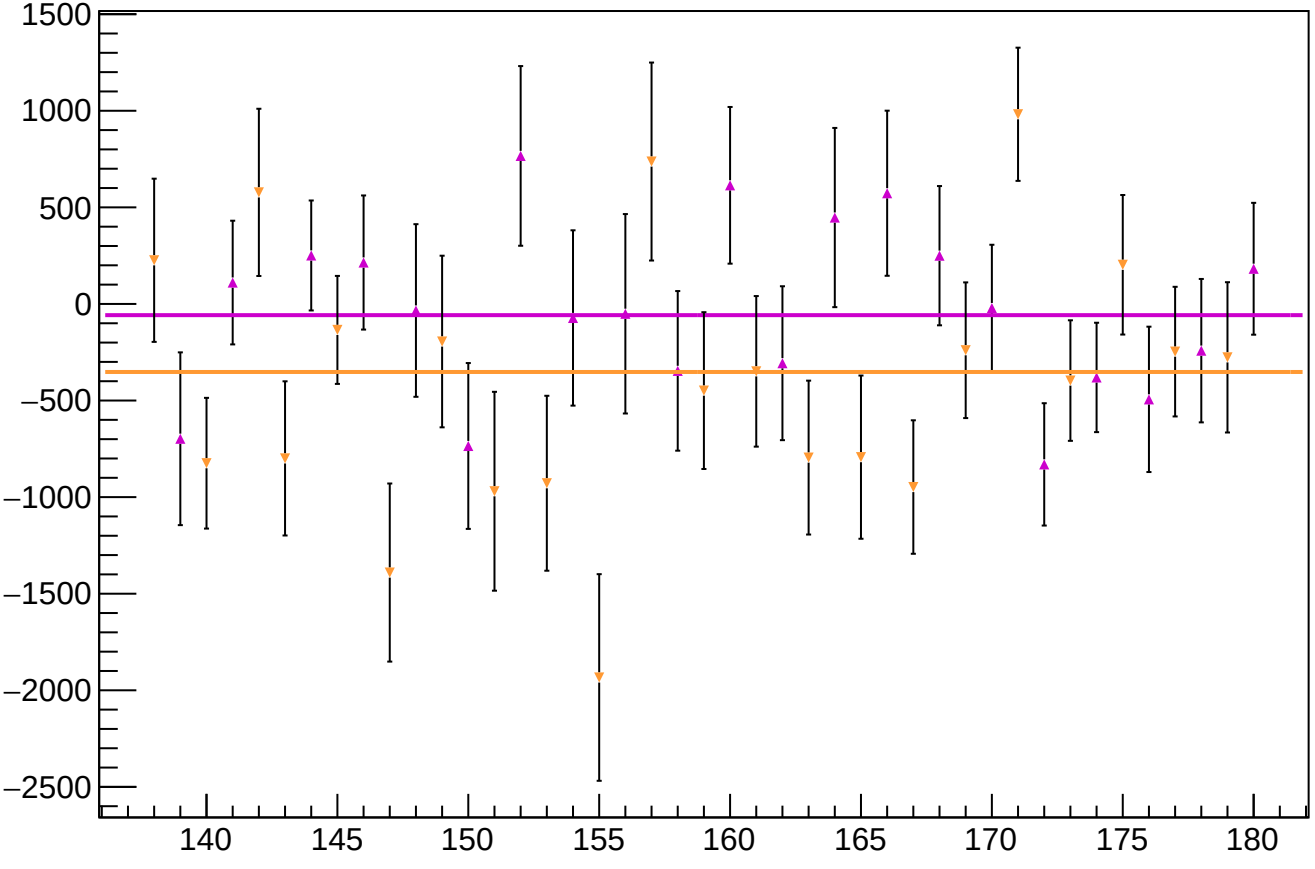
Left In: 88.690+/-0.016 χ^2/NDF:581123.3/20

+ sign 87.506+/-0.013 χ^2/NDF: 927792.6/38

All: 87.829+/-0.009 χ^2/NDF: 2045295.9/78

- sign 88.154+/-0.013 χ^2/NDF: 1116273.2/39

asym_sam7_correction_mean vs Slug



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

Left Out: -352.163+/-82.376 χ^2/NDF:54.8/21

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

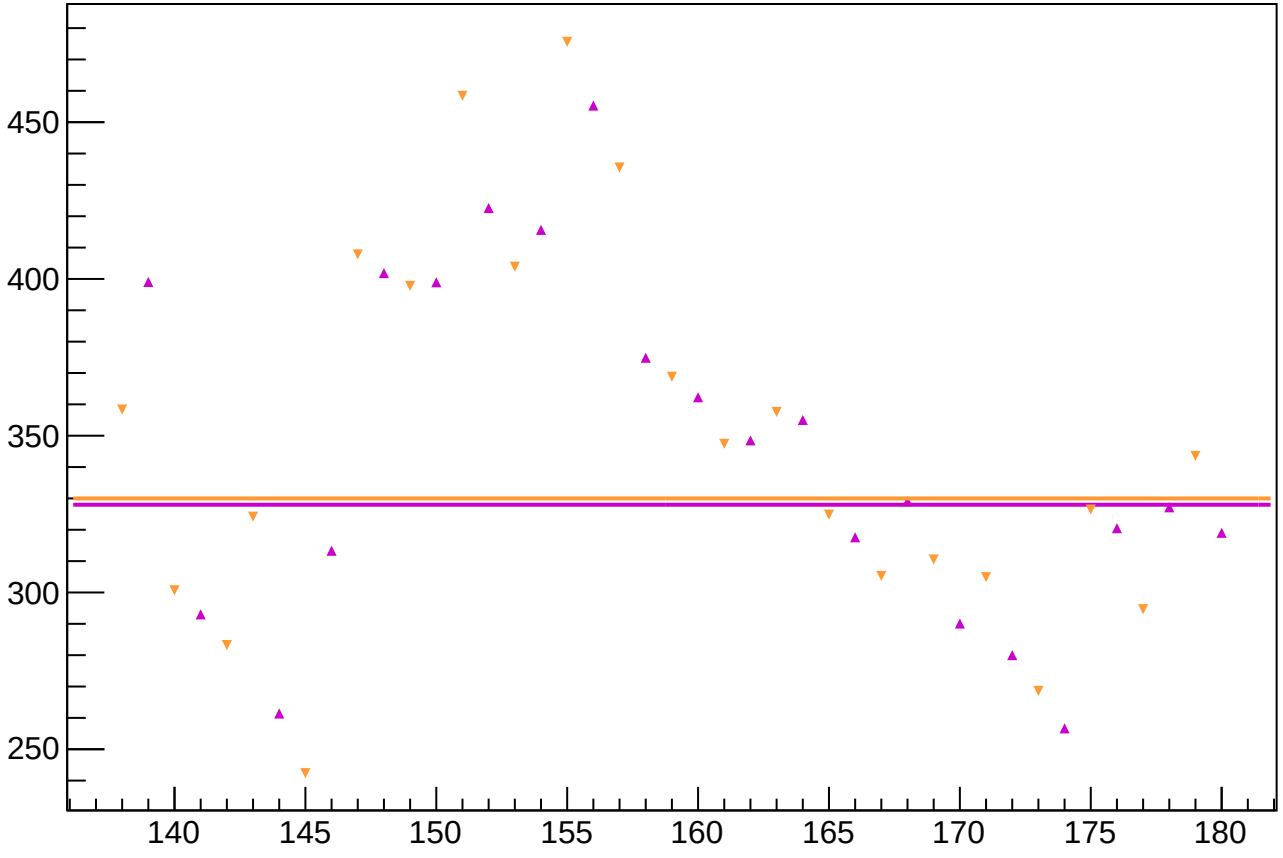
Left In: -57.994+/-81.701 χ^2/NDF:26.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -203.870+/-58.008 χ^2/NDF: 88.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_correction_rms vs Slug



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

Left Out: 329.984+/-0.058 χ^2/NDF:920155.6/21

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

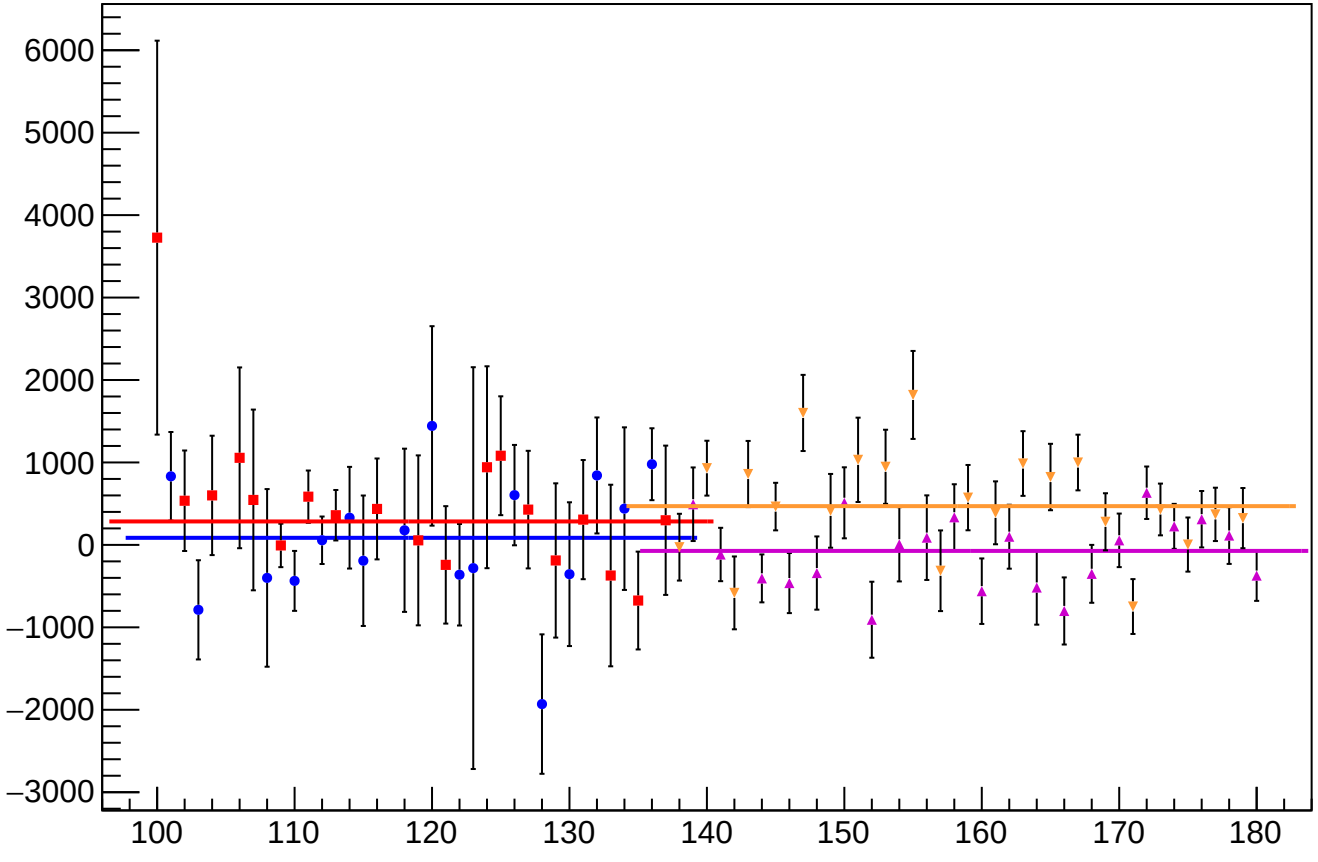
Left In: 327.986+/-0.058 χ^2/NDF:831037.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 328.977+/-0.041 χ^2/NDF: 1751786.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam7_mean vs Slug



Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 469.975+/-80.799 χ^2/NDF:48.4/21

Right Out: 284.456+/-129.599 χ^2/NDF: 10.6/18

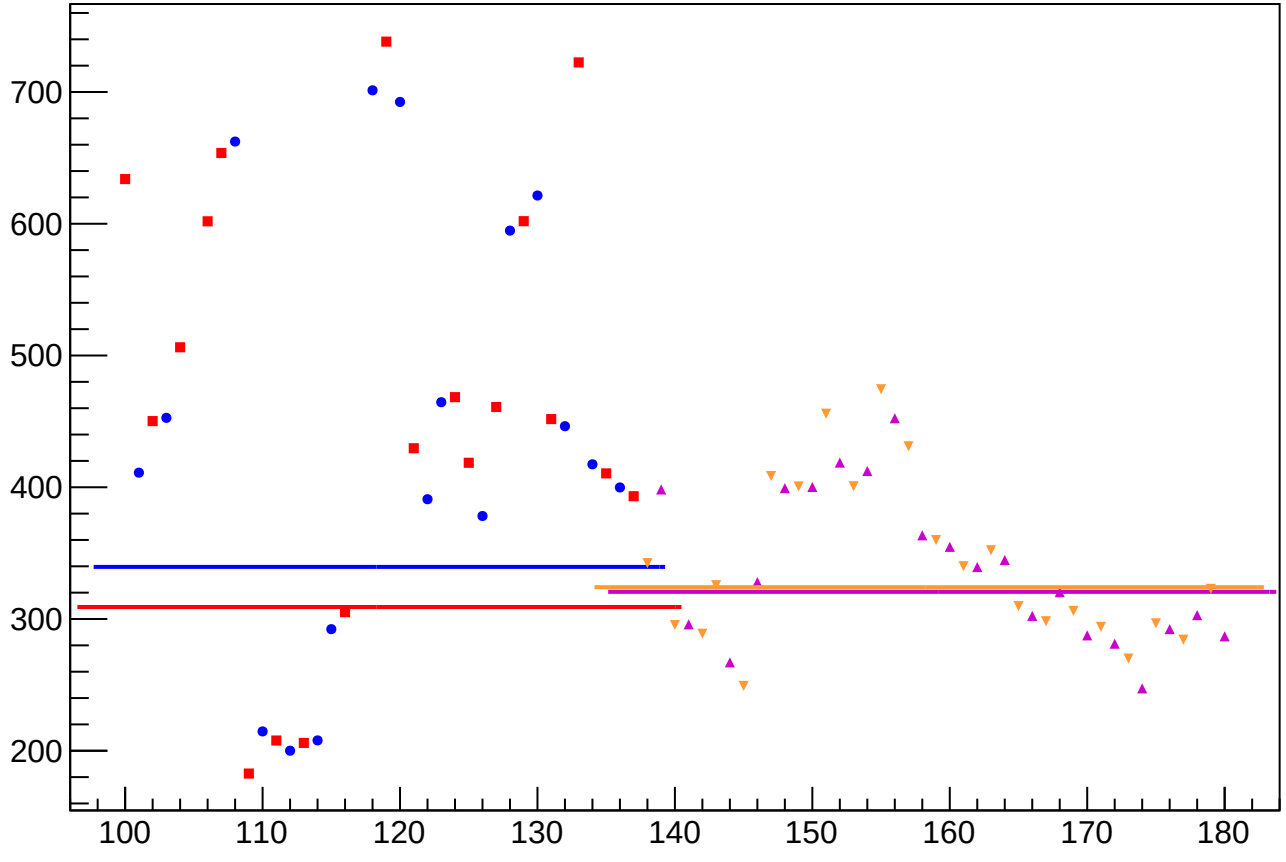
Left In: -72.953+/-79.920 χ^2/NDF:26.0/20

+ sign 376.613+/-70.299 χ^2/NDF: 74.5/38

All: 195.298+/-48.885 χ^2/NDF: 129.5/78

- sign 25.518+/-68.026 χ^2/NDF: 42.1/39

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 324.147+/-0.057 χ^2/NDF:906591.7/21

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

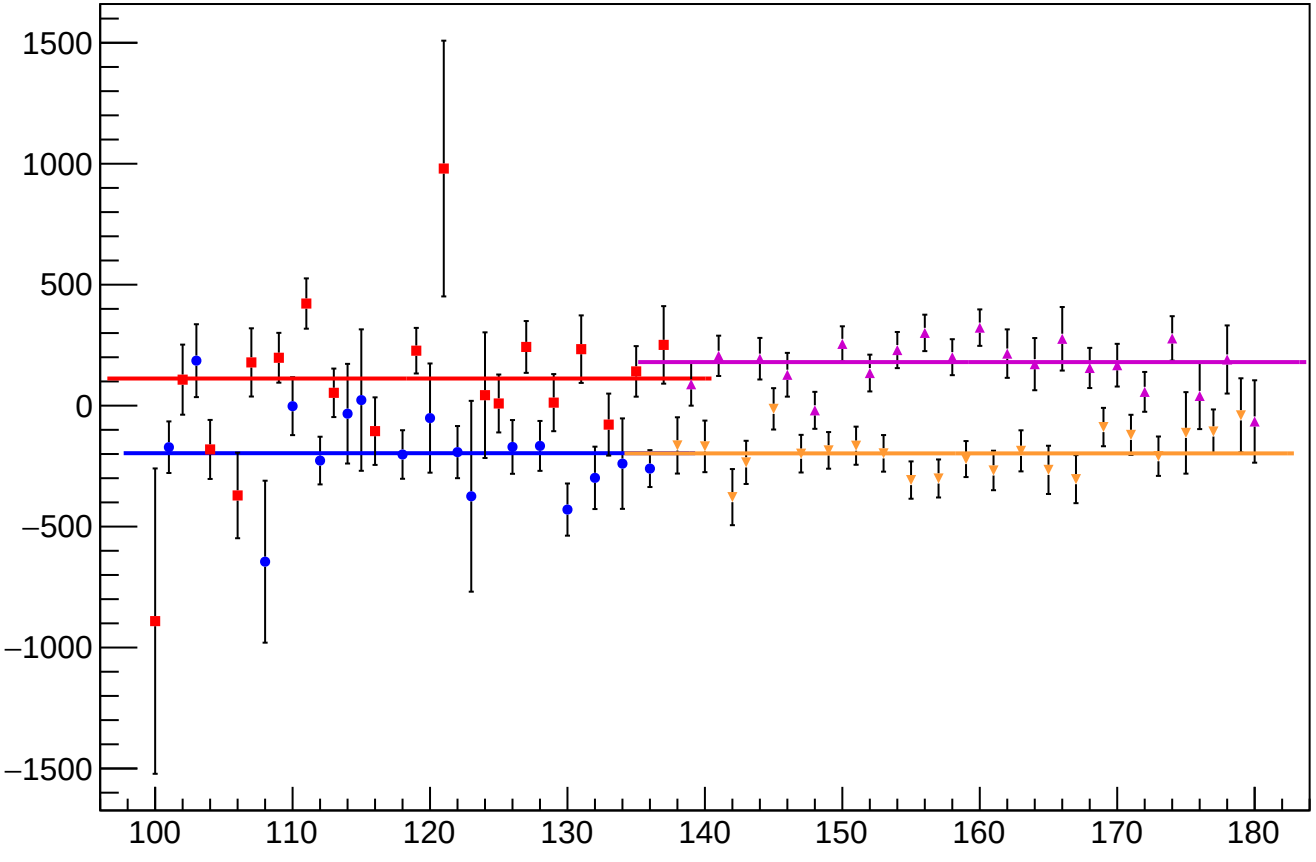
Left In: 320.603+/-0.057 χ^2/NDF:868470.4/20

+ sign 327.891+/-0.050 χ^2/NDF: 2966505.8/38

All: 322.491+/-0.035 χ^2/NDF: 6599538.2/78

- sign 317.435+/-0.048 χ^2/NDF: 3610183.3/39

dit_asym_sam8_mean vs Slug



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -197.376+/-18.805 χ^2/NDF:18.9/21

Right Out: 112.097+/-29.622 χ^2/NDF: 39.3/18

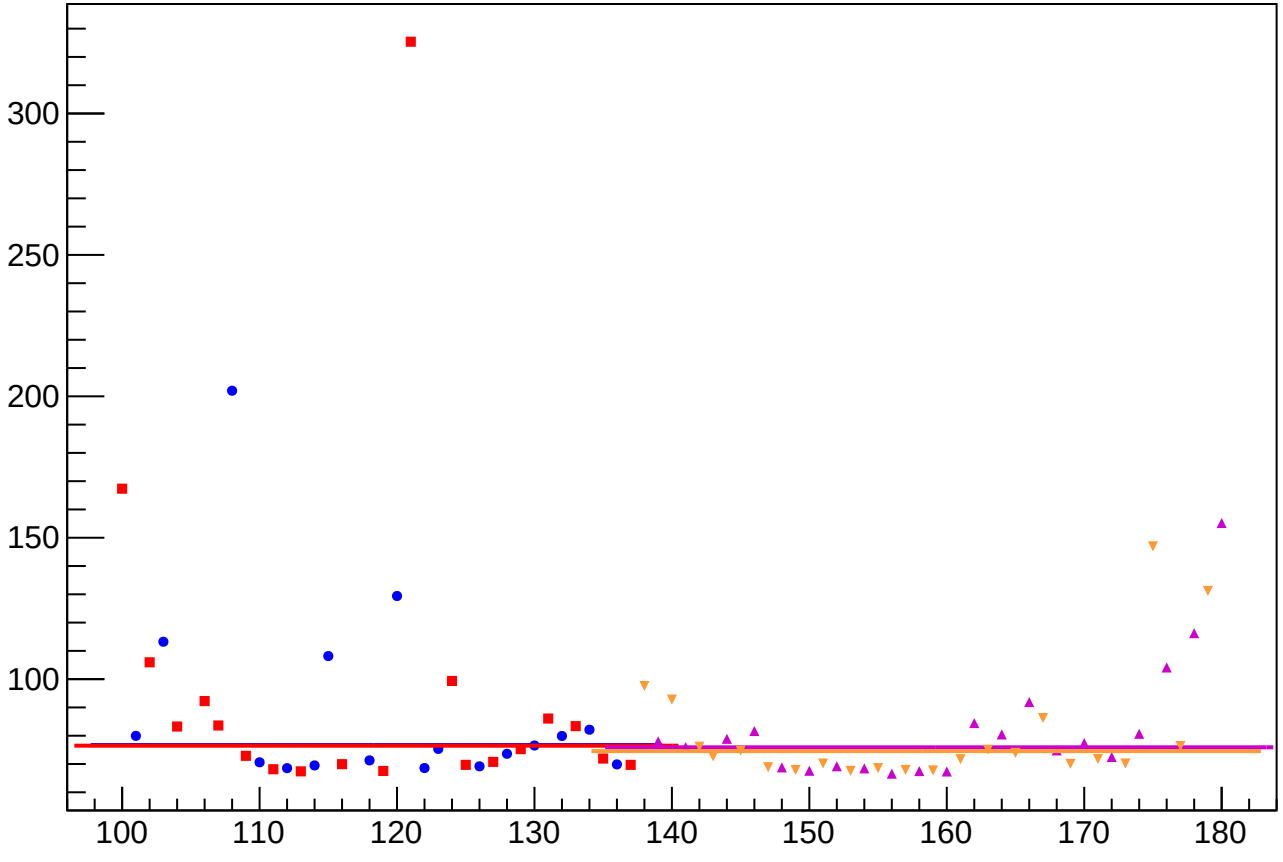
Left In: 179.998+/-19.259 χ^2/NDF:23.7/20

+ sign -197.161+/-15.992 χ^2/NDF: 37.9/38

All: -20.381+/-11.362 χ^2/NDF: 351.4/78

- sign 159.823+/-16.147 χ^2/NDF: 66.7/39

dit_asym_sam8_rms vs Slug



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 74.563+/-0.013 χ^2/NDF:918712.1/21

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

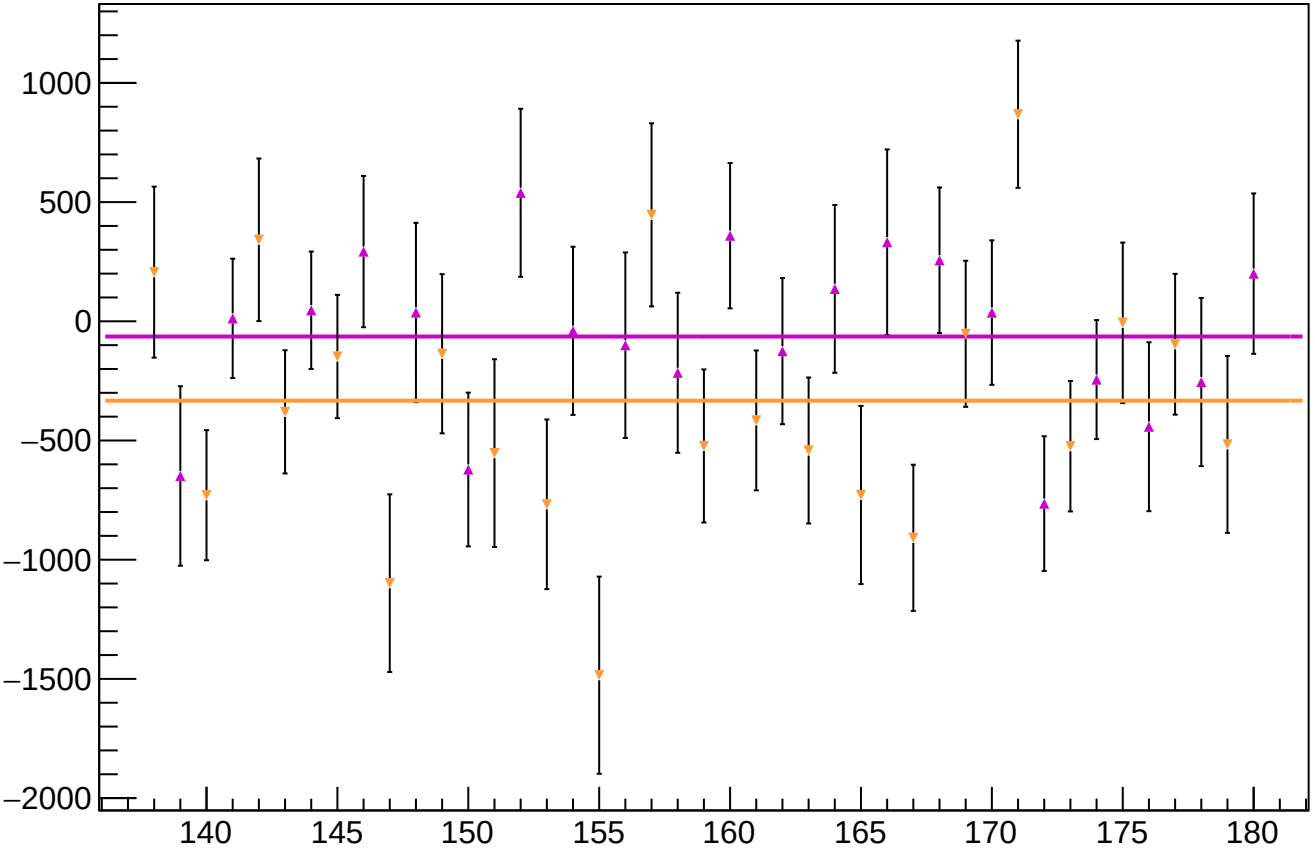
Left In: 75.904+/-0.014 χ^2/NDF:912453.7/20

+ sign 75.152+/-0.011 χ^2/NDF: 1526157.0/38

All: 75.609+/-0.008 χ^2/NDF: 3141799.6/78

- sign 76.075+/-0.011 χ^2/NDF: 1612344.5/39

asym_sam8_correction_mean vs Slug



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

Left Out: -332.907+/-68.241 χ^2/NDF:50.9/21

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

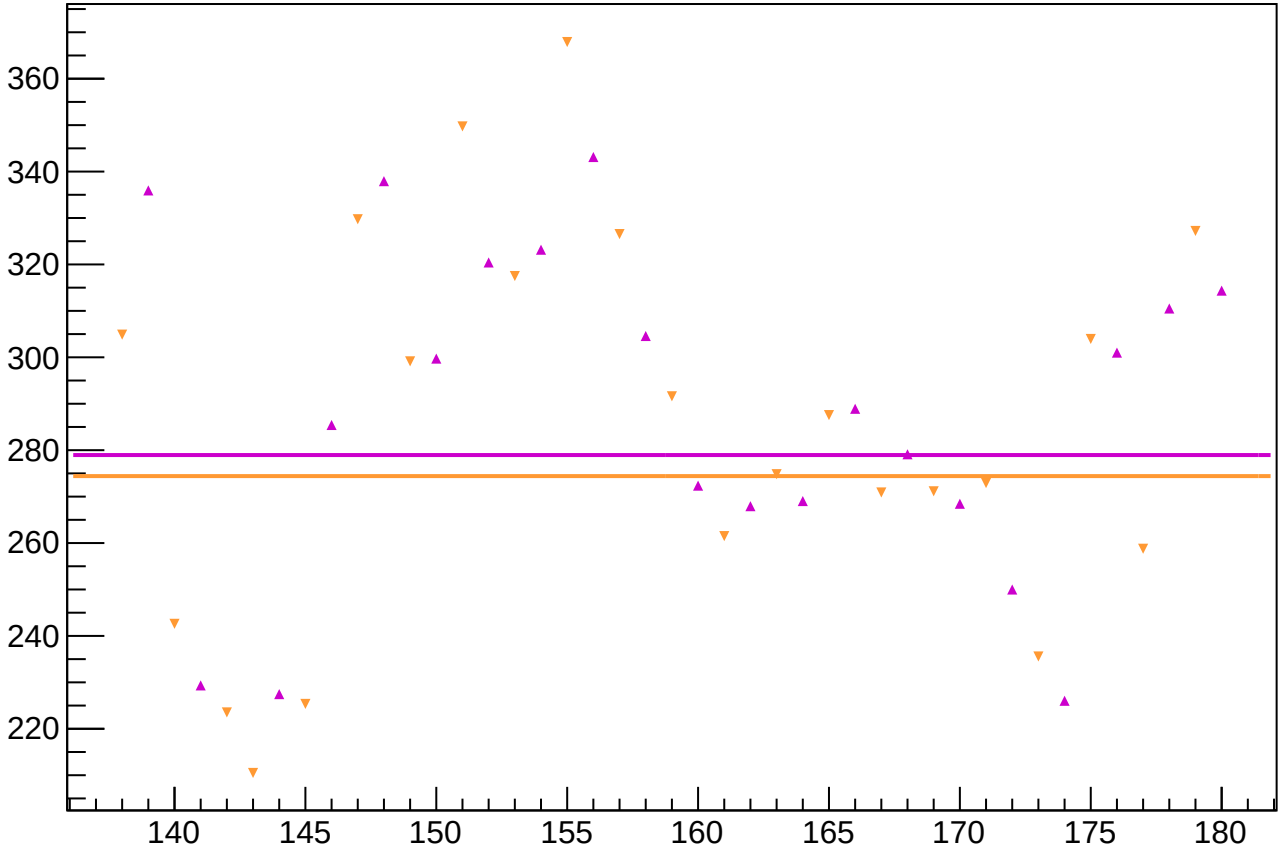
Left In: -63.848+/-69.208 χ^2/NDF:23.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -200.271+/-48.592 χ^2/NDF: 82.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_correction_rms vs Slug



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

Left Out: 274.417+/-0.048 χ^2/NDF:691474.4/21

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

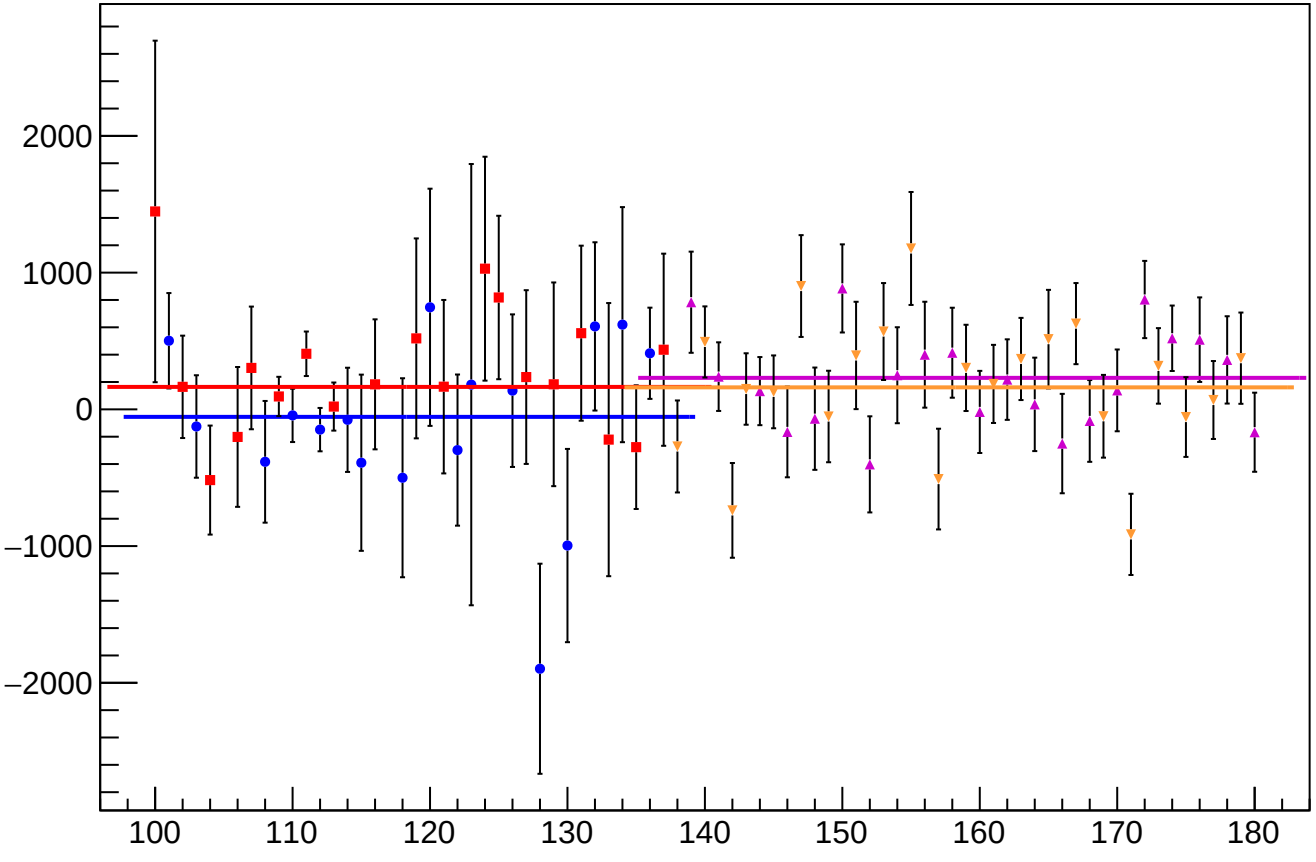
Left In: 278.951+/-0.049 χ^2/NDF:560945.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 276.652+/-0.034 χ^2/NDF: 1256772.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam8_mean vs Slug



Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 160.871+/-66.616 χ^2/NDF:44.6/21

Right Out: 164.141+/-76.903 χ^2/NDF: 11.9/18

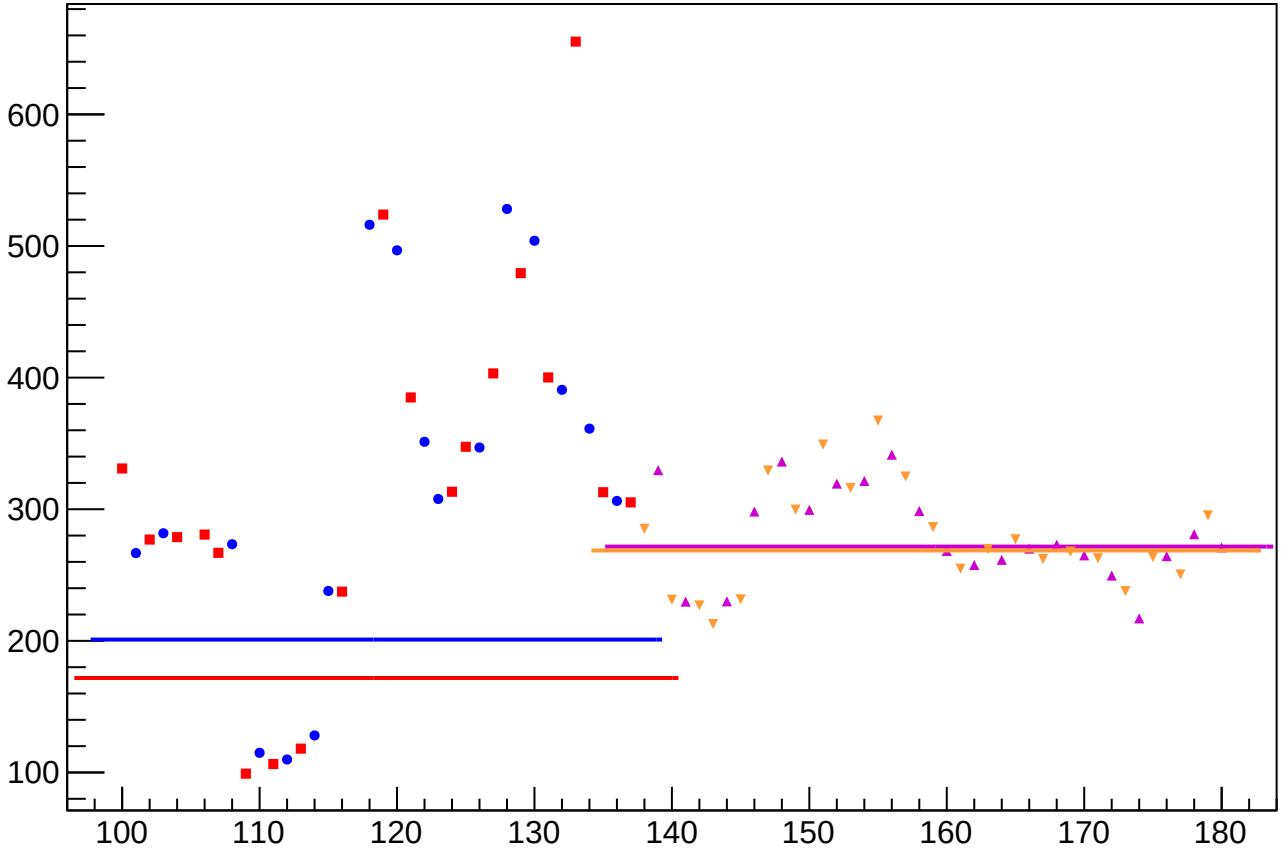
Left In: 230.335+/-67.332 χ^2/NDF:24.7/20

+ sign 84.876+/-53.618 χ^2/NDF: 64.8/38

All: 146.554+/-36.823 χ^2/NDF: 104.3/78

- sign 201.611+/-50.659 χ^2/NDF: 37.0/39

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 268.653+/-0.047 χ^2/NDF:617375.5/21

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

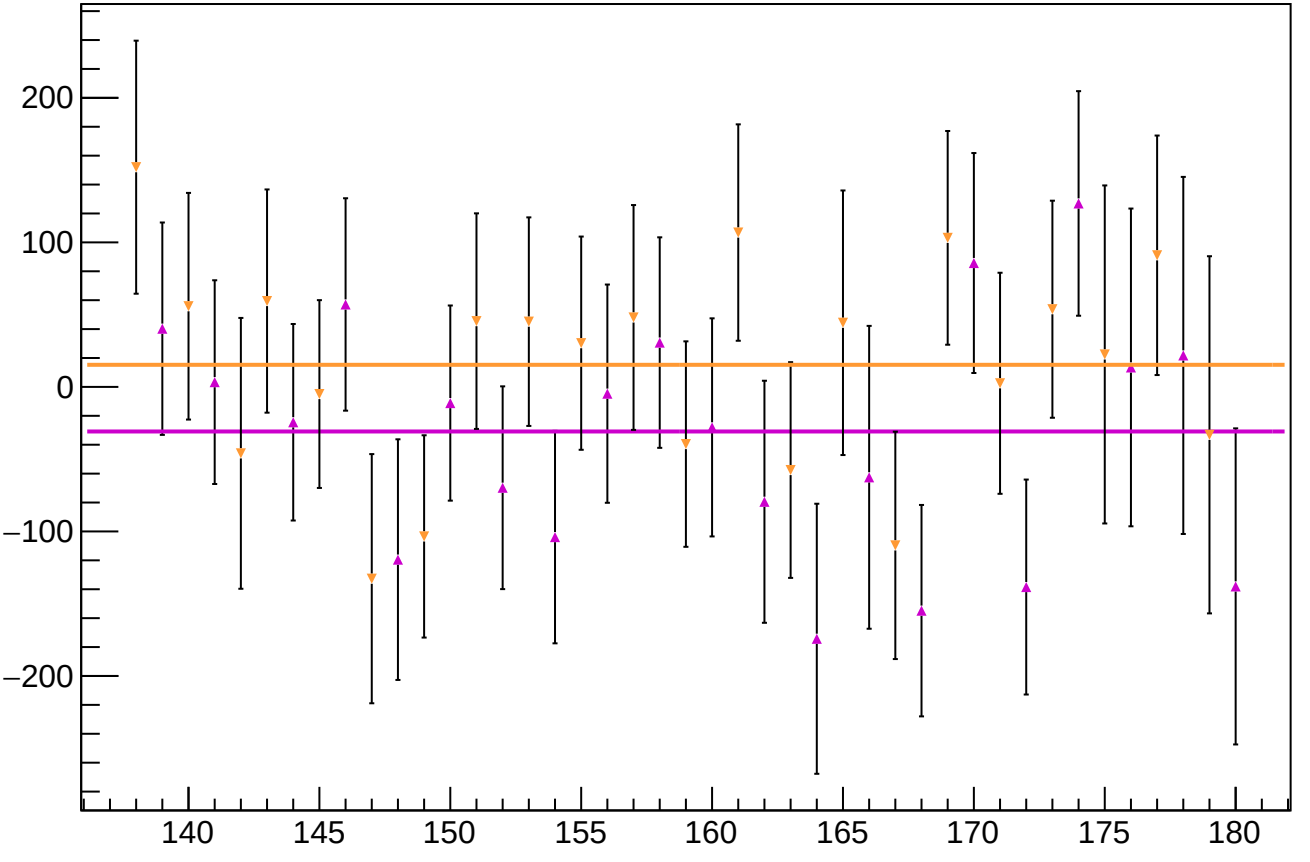
Left In: 271.620+/-0.048 χ^2/NDF:530575.8/20

+ sign 244.819+/-0.038 χ^2/NDF: 4780556.4/38

All: 236.092+/-0.026 χ^2/NDF: 11411699.9/78

- sign 228.302+/-0.036 χ^2/NDF: 6530872.8/39

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 15.291+/-16.846 χ^2/NDF:18.3/21

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

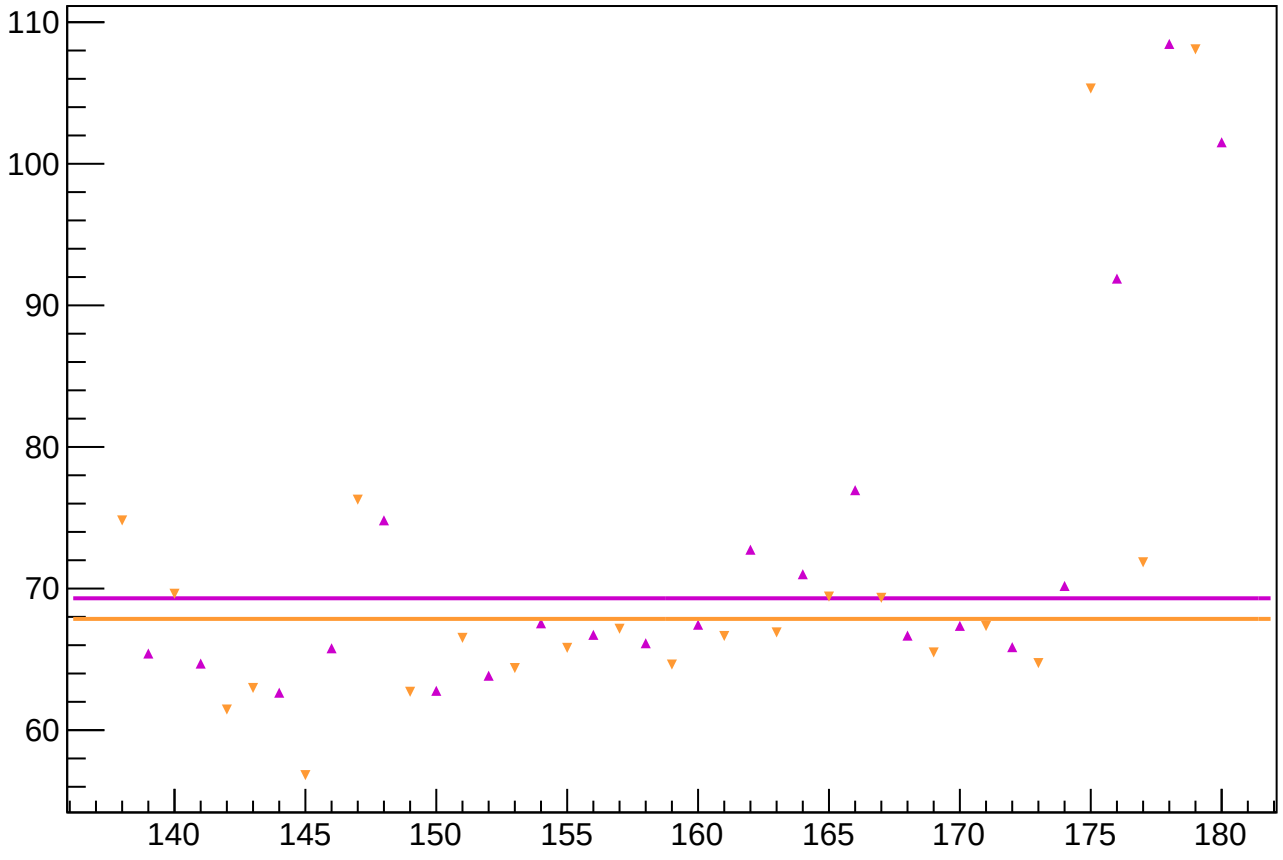
Left In: -30.839+/-17.237 χ^2/NDF:21.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.246+/-12.048 χ^2/NDF: 43.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 67.858+/-0.012 χ^2/NDF:559253.9/21

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

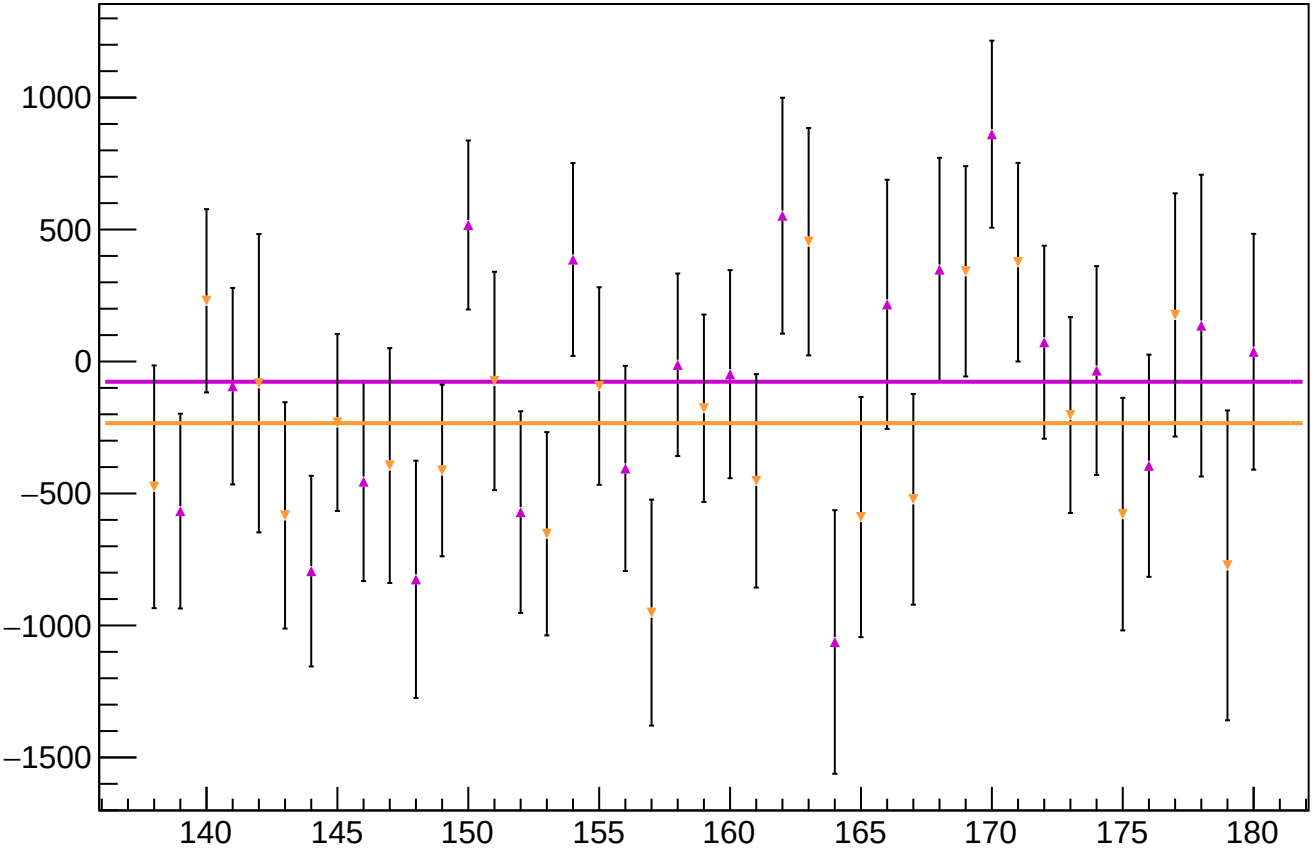
Left In: 69.312+/-0.012 χ^2/NDF:568069.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 68.568+/-0.009 χ^2/NDF: 1134607.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_correction_mean vs Slug



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

Left Out: -233.353+/-86.345 χ^2/NDF:18.5/21

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

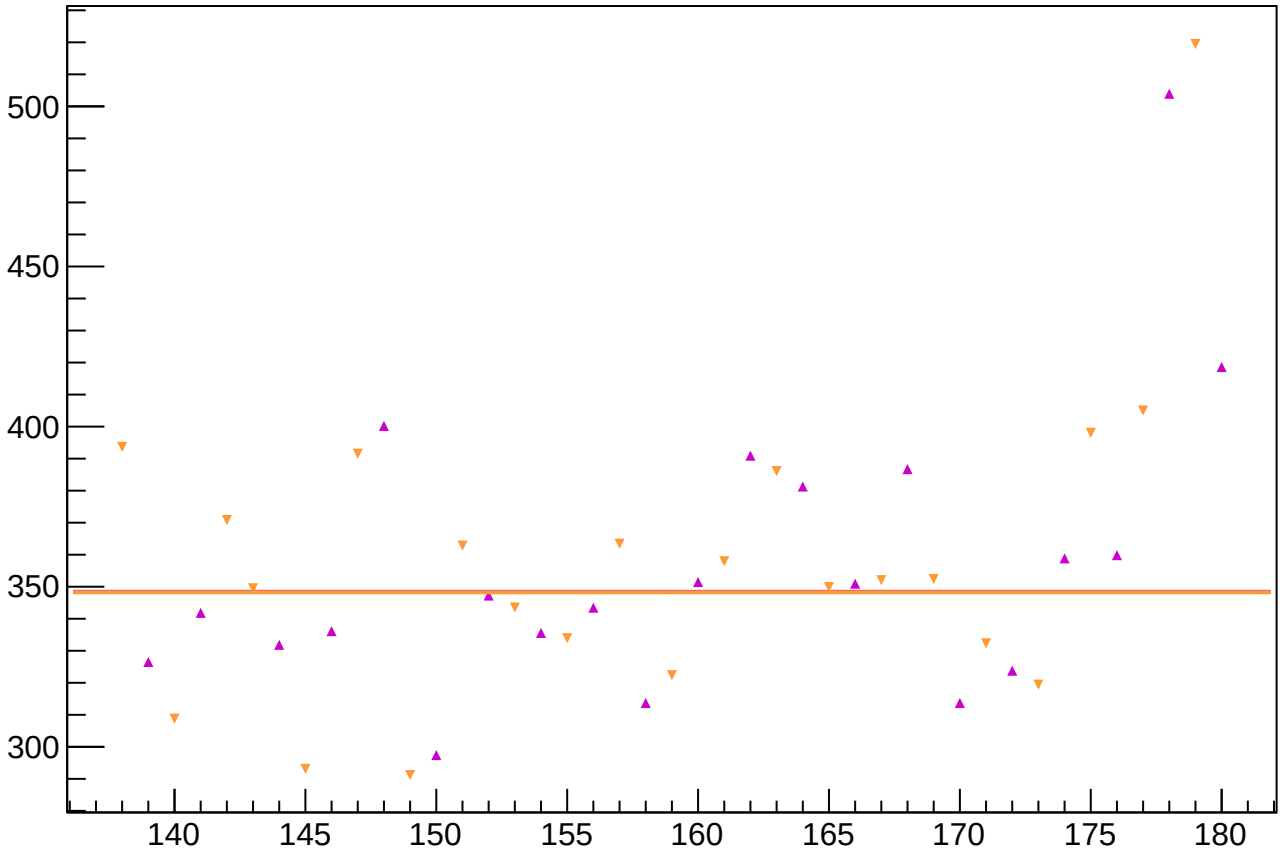
Left In: -76.661+/-86.270 χ^2/NDF:32.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -154.939+/-61.028 χ^2/NDF: 52.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_correction_rms vs Slug



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

Left Out: 348.266+/-0.061 χ^2/NDF:460779.8/21

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

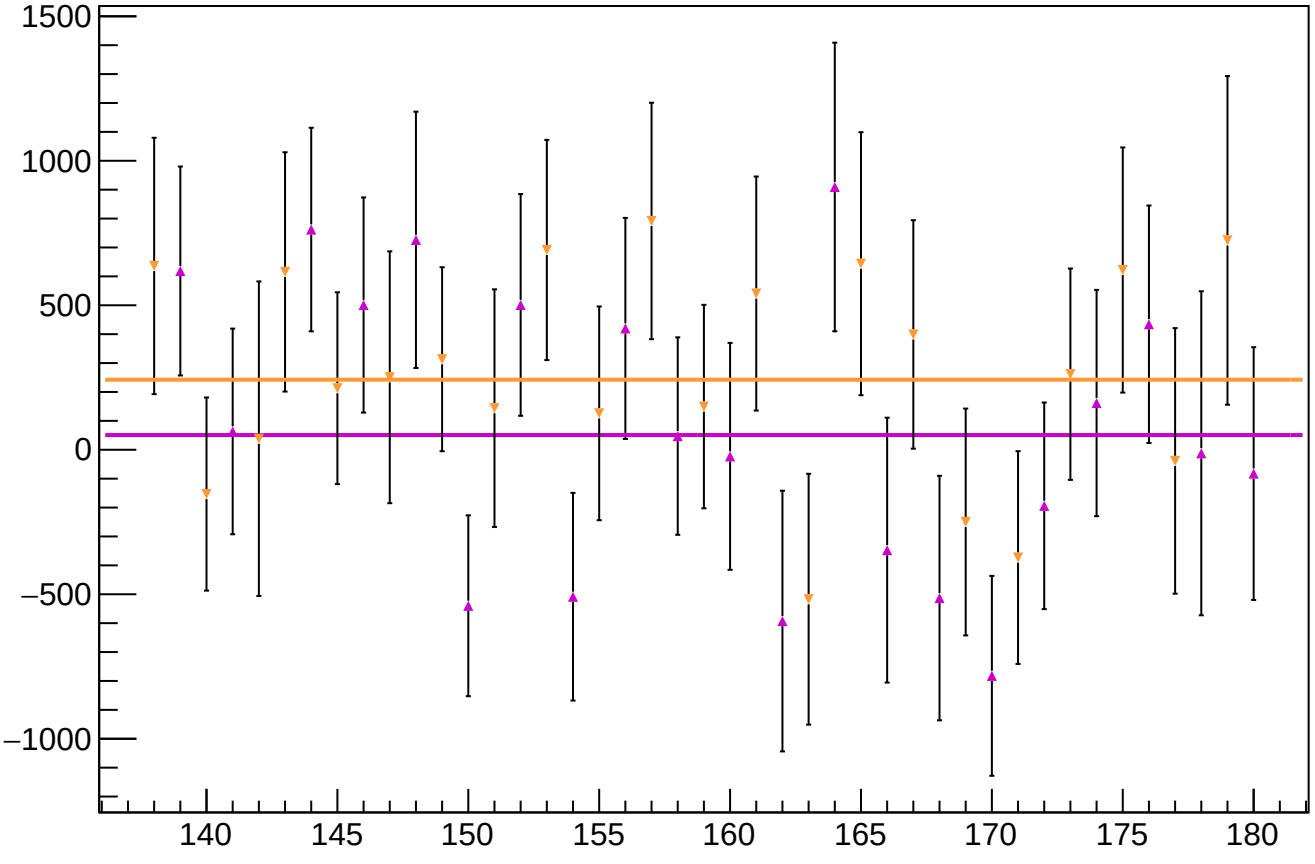
Left In: 348.400+/-0.061 χ^2/NDF:386161.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 348.333+/-0.043 χ^2/NDF: 846943.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_mean vs Slug



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

Left Out: 242.521+/-84.823 χ^2/NDF:17.4/21

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

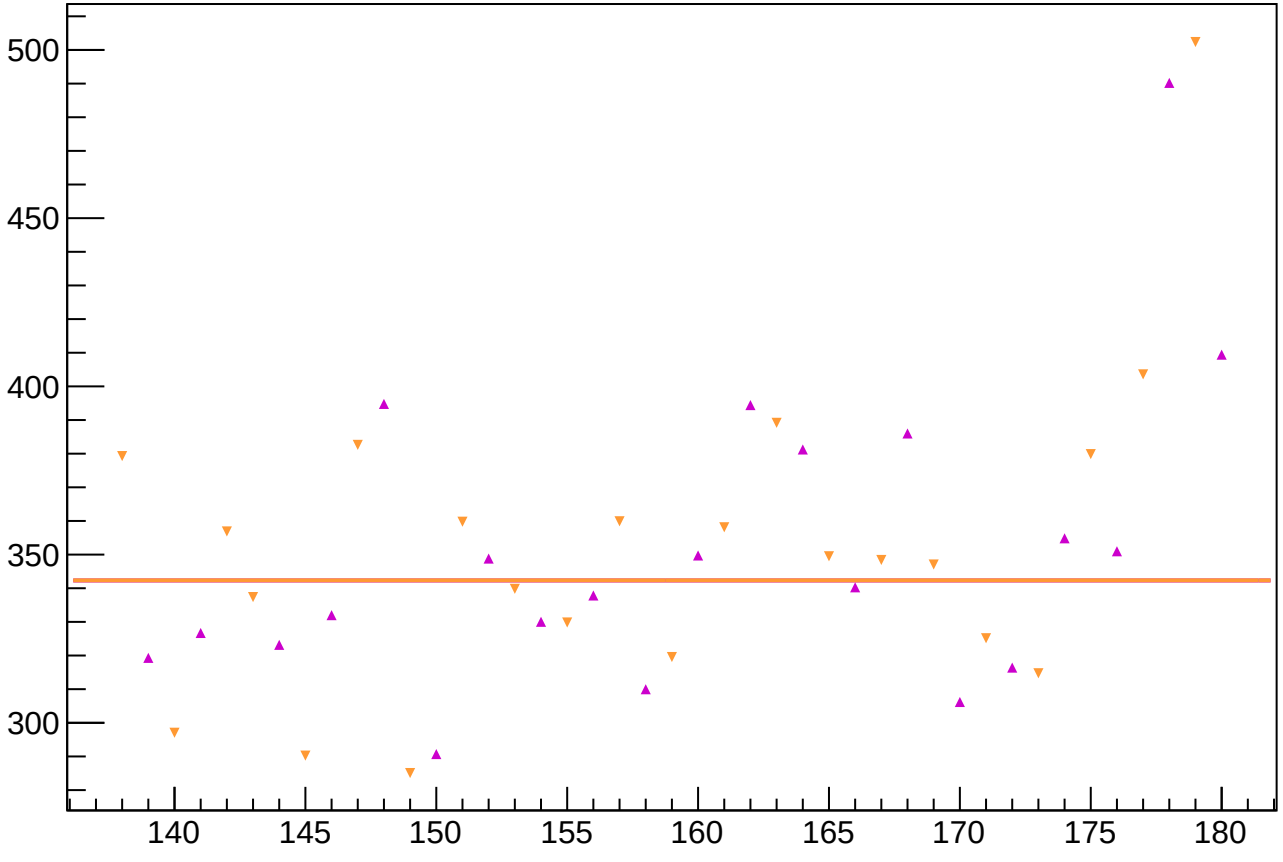
Left In: 51.005+/-84.861 χ^2/NDF:33.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 146.805+/-59.992 χ^2/NDF: 53.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_rms vs Slug



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

Left Out: 342.345+/-0.060 χ^2/NDF:454282.4/21

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

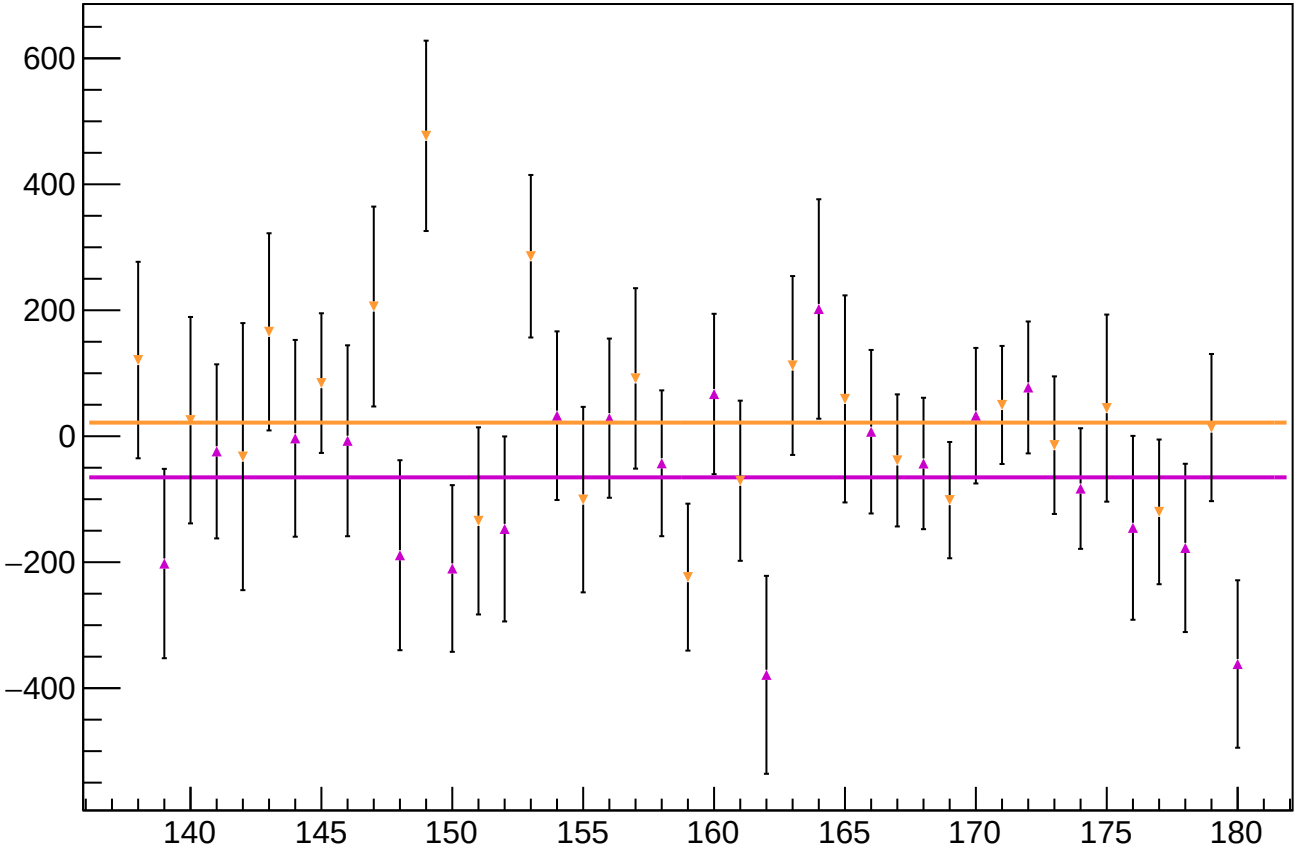
Left In: 342.304+/-0.060 χ^2/NDF:405340.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 342.324+/-0.042 χ^2/NDF: 859623.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_avg_mean vs Slug



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

Left Out: 21.639+/-27.434 χ^2/NDF:27.6/21

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

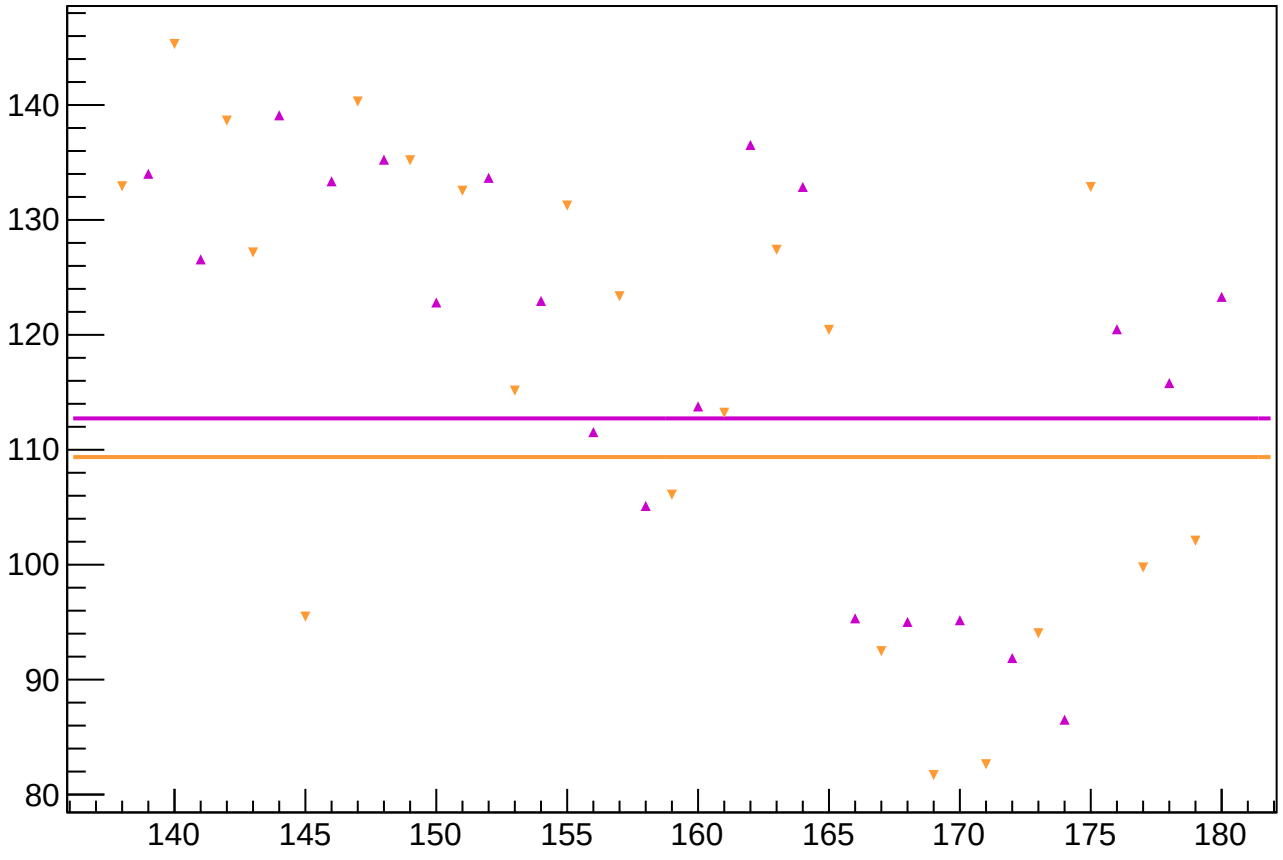
Left In: -65.274+/-28.238 χ^2/NDF:21.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.563+/-19.677 χ^2/NDF: 53.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_avg_rms vs Slug



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

Left Out: 109.366+/-0.019 χ^2/NDF:1037676.5/21

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

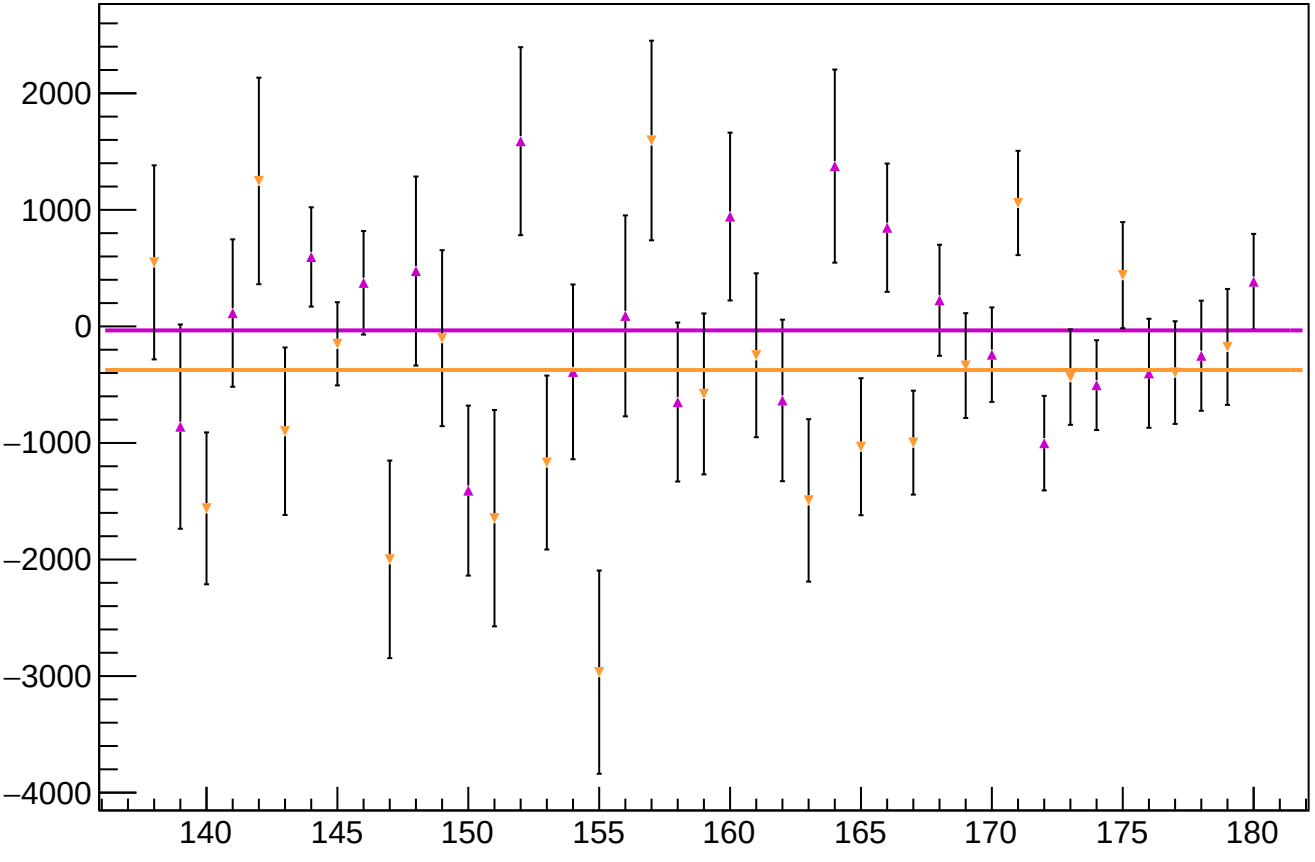
Left In: 112.730+/-0.020 χ^2/NDF:739634.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 110.999+/-0.014 χ^2/NDF: 1791910.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_correction_mean vs Slug



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

Left Out: -373.764+/-121.551 χ^2/NDF:49.3/21

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

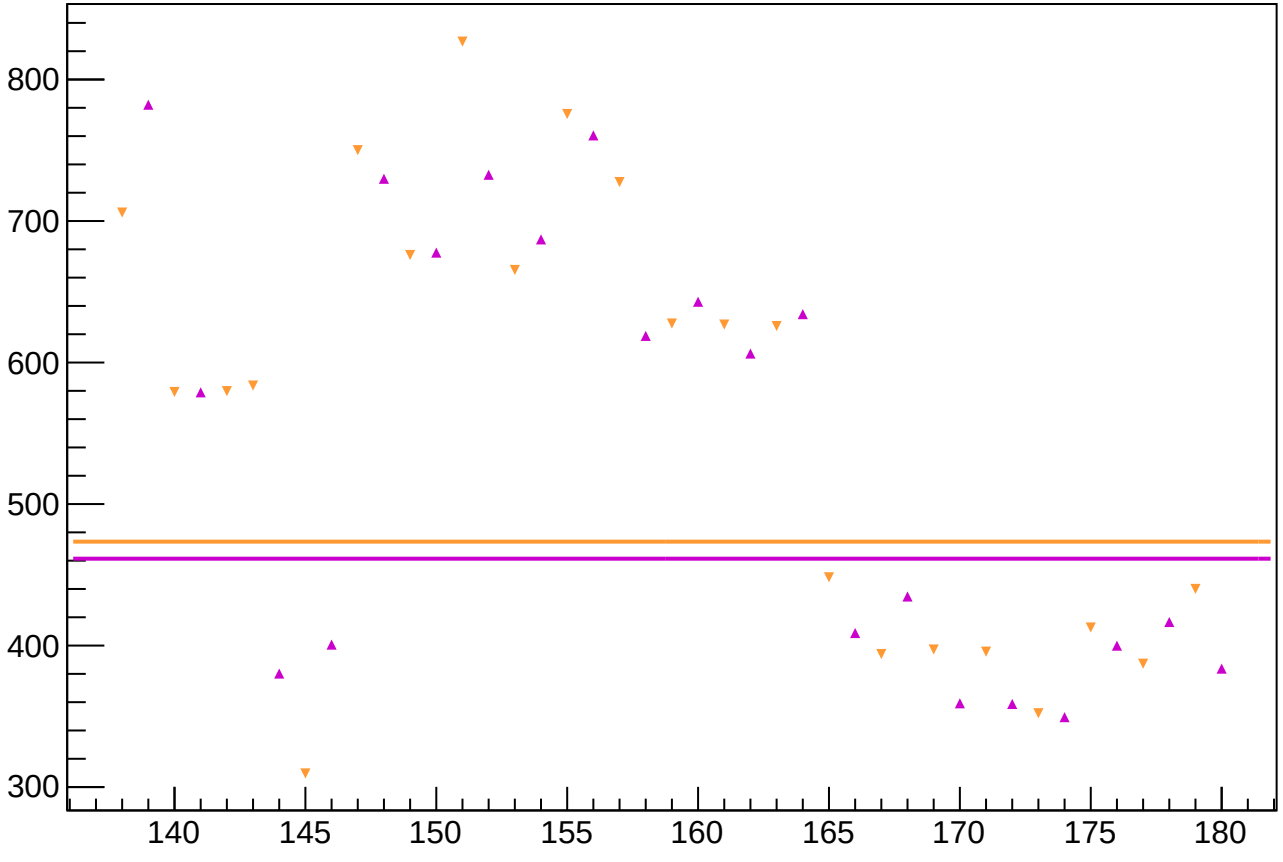
Left In: -34.149+/-118.116 χ^2/NDF:30.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -199.090+/-84.709 χ^2/NDF: 84.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_correction_rms vs Slug



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

Left Out: 473.446+/-0.086 χ^2/NDF:2673806.0/21

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

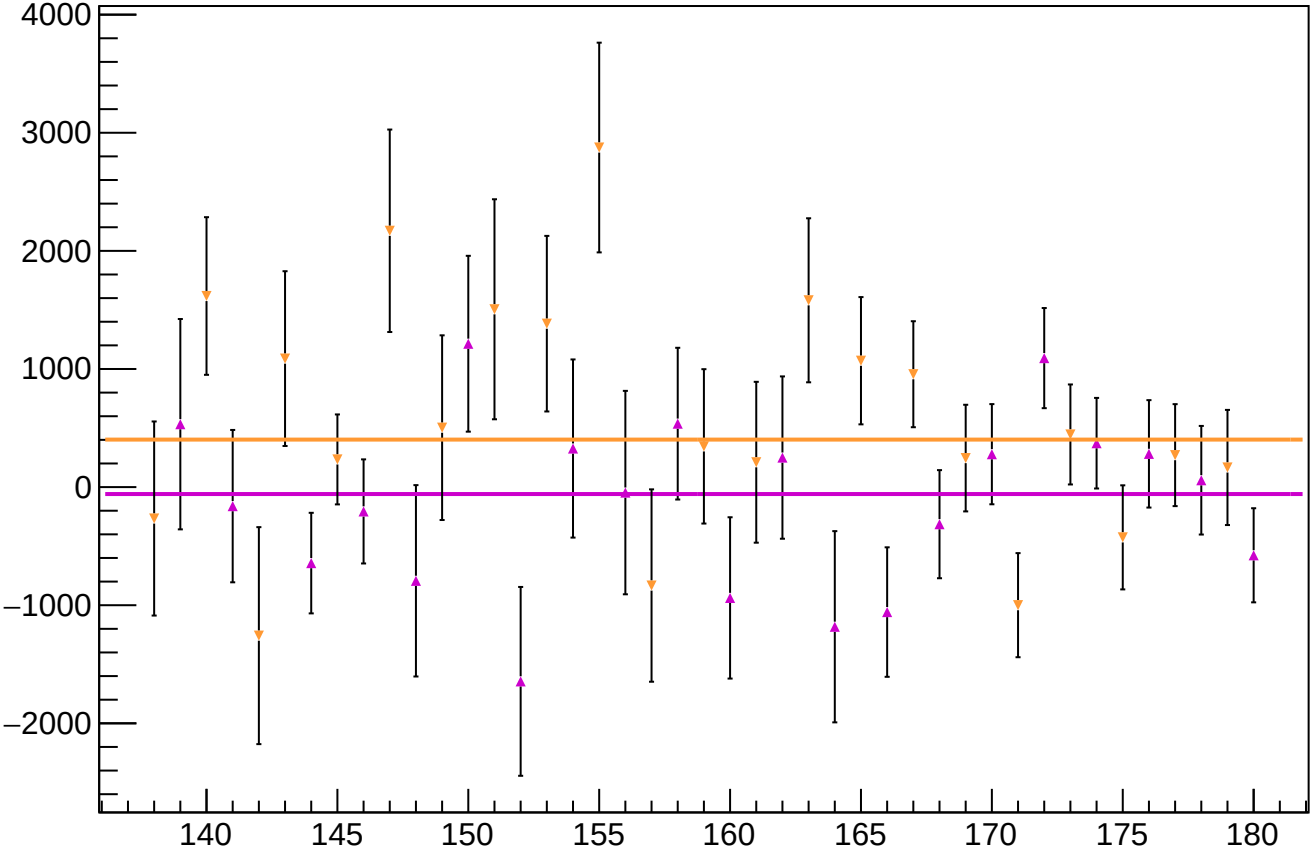
Left In: 461.398+/-0.084 χ^2/NDF:2471715.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 467.250+/-0.060 χ^2/NDF: 5155626.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_mean vs Slug



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

Left Out: 402.254+/-121.520 χ^2/NDF:45.9/21

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

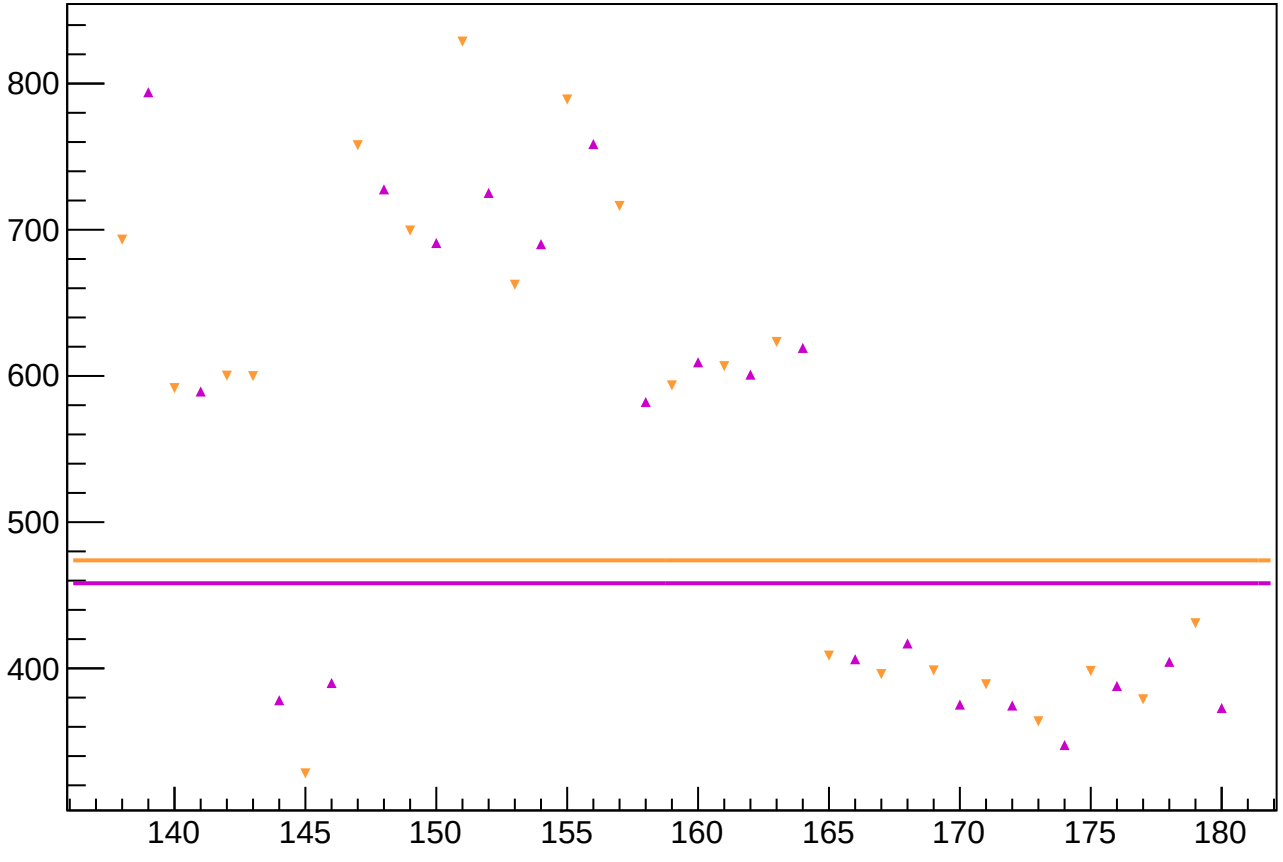
Left In: -58.764+/-117.497 χ^2/NDF:30.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 163.987+/-84.469 χ^2/NDF: 83.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_avg_rms vs Slug



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

Left Out: 473.867+/-0.086 χ^2/NDF:2589283.8/21

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

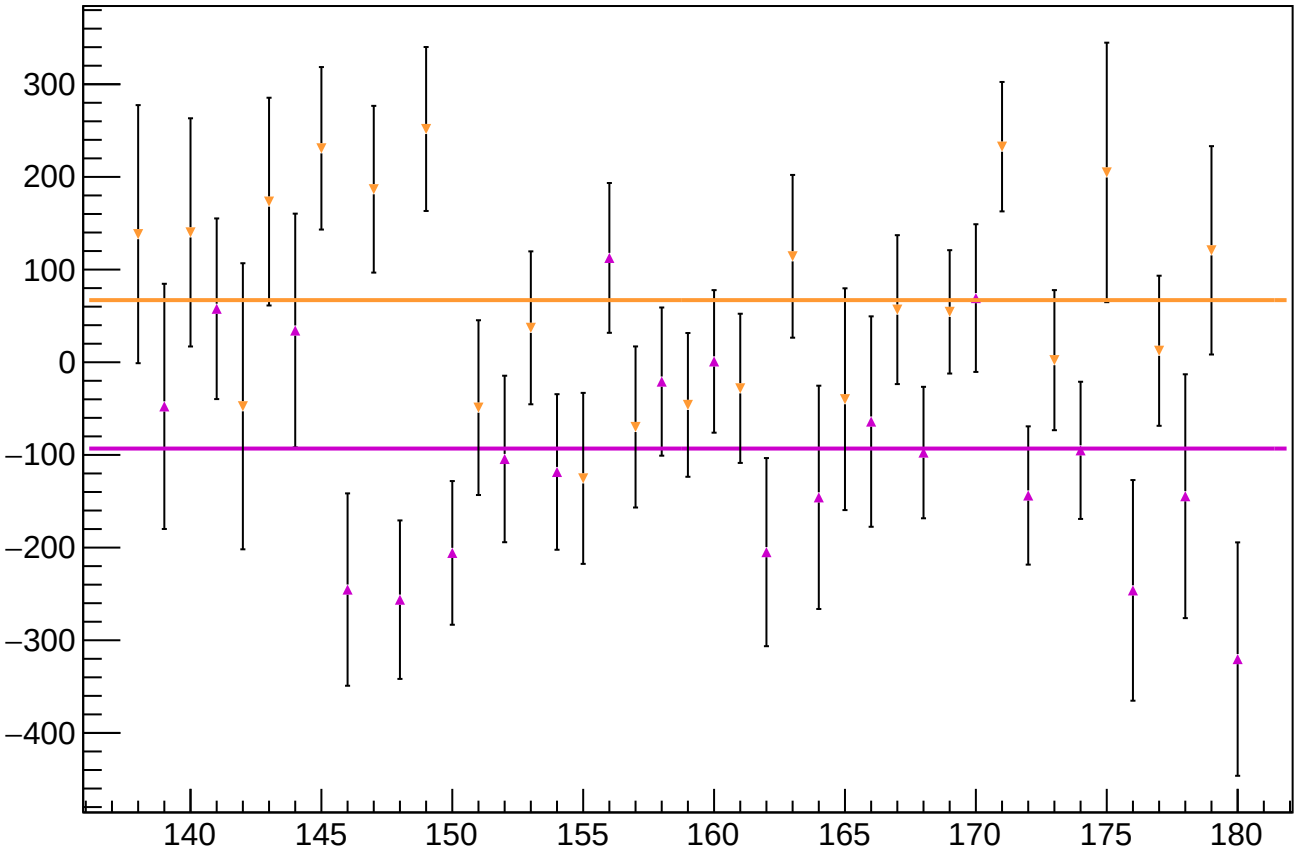
Left In: 458.207+/-0.083 χ^2/NDF:2417991.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 465.774+/-0.060 χ^2/NDF: 5024442.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_avg_mean vs Slug



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

Left Out: 67.041+/-19.270 χ^2/NDF:32.8/21

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

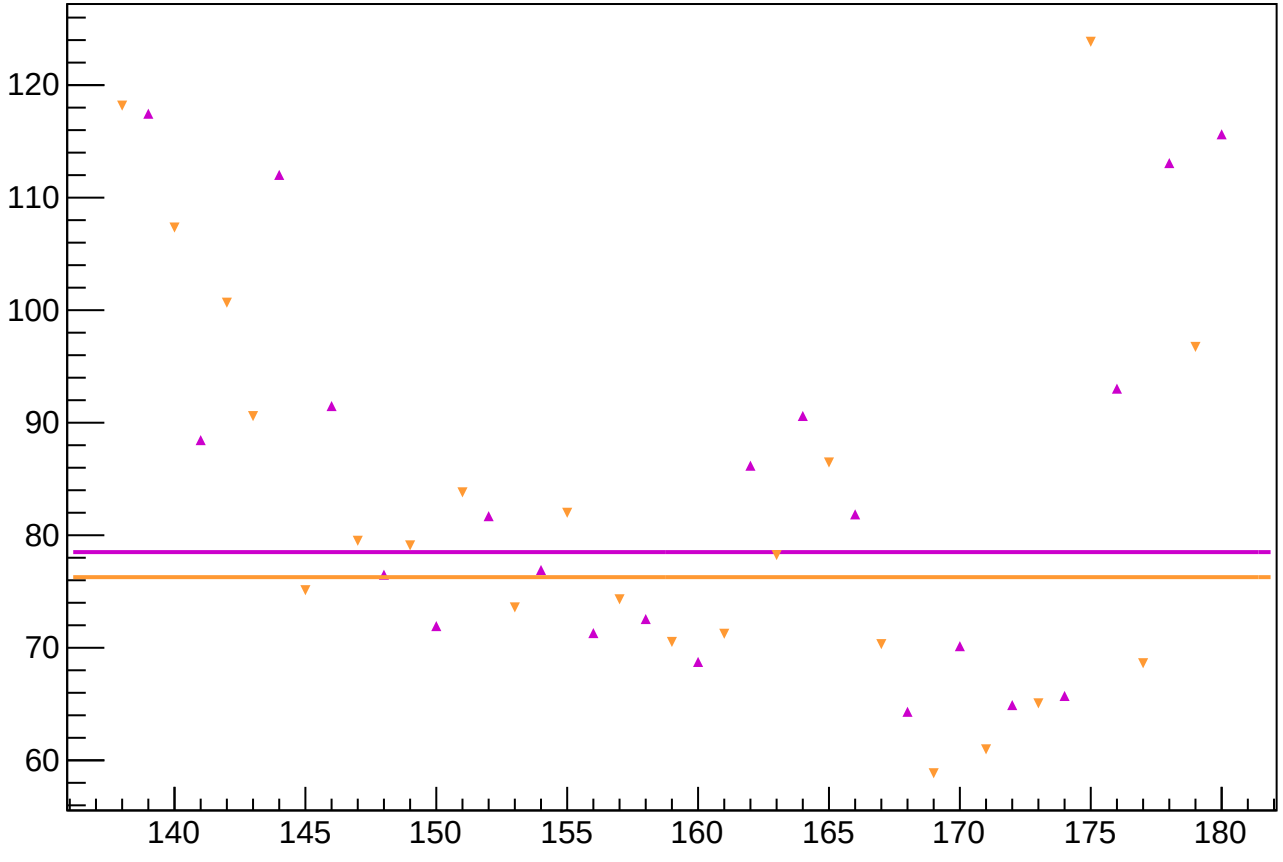
Left In: -93.130+/-19.926 χ^2/NDF:31.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.366+/-13.852 χ^2/NDF: 97.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_avg_rms vs Slug



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

Left Out: 76.276+/-0.014 χ^2/NDF:1056988.8/21

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

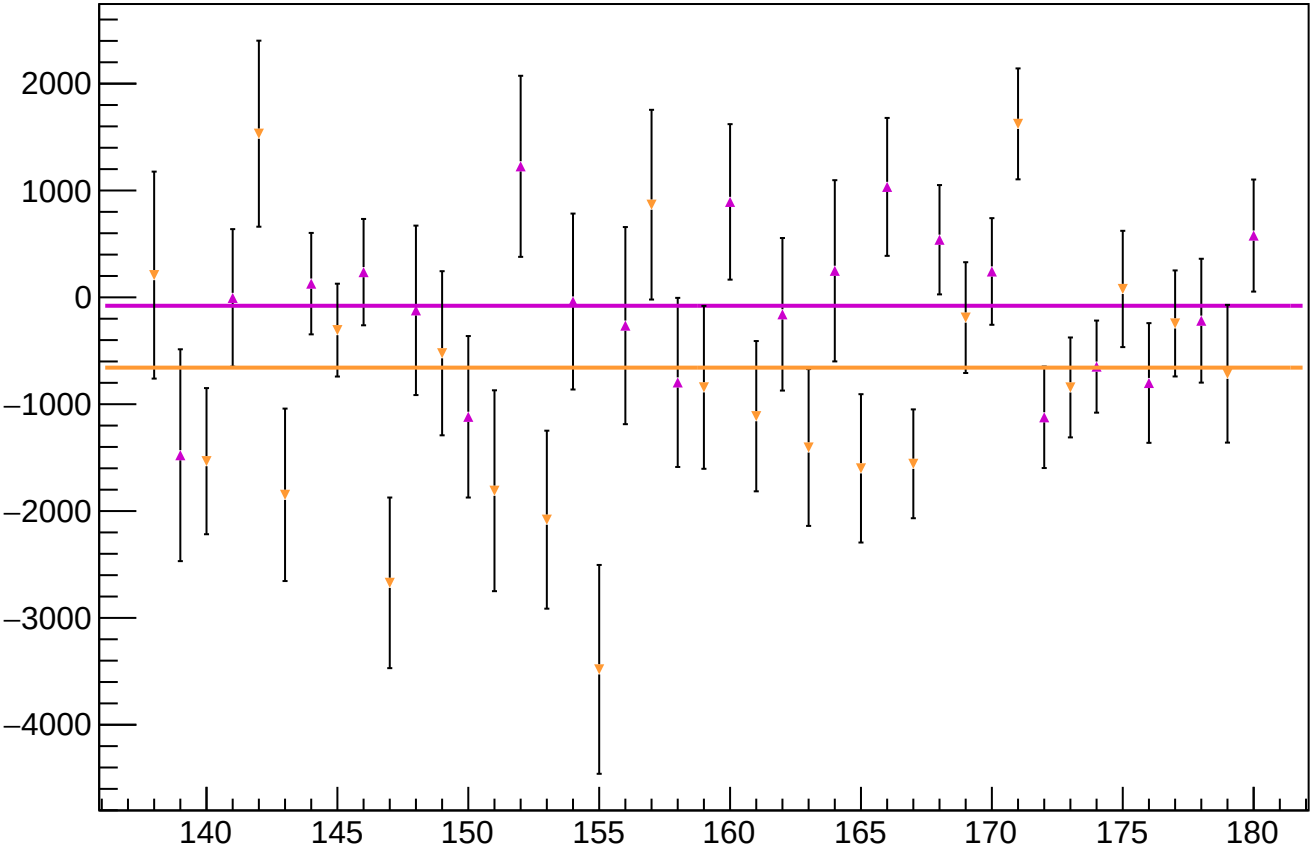
Left In: 78.501+/-0.014 χ^2/NDF:1047742.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 77.351+/-0.010 χ^2/NDF: 2117623.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_correction_mean vs Slug



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

Left Out: -657.690+/-137.496 χ^2/NDF:63.0/21

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

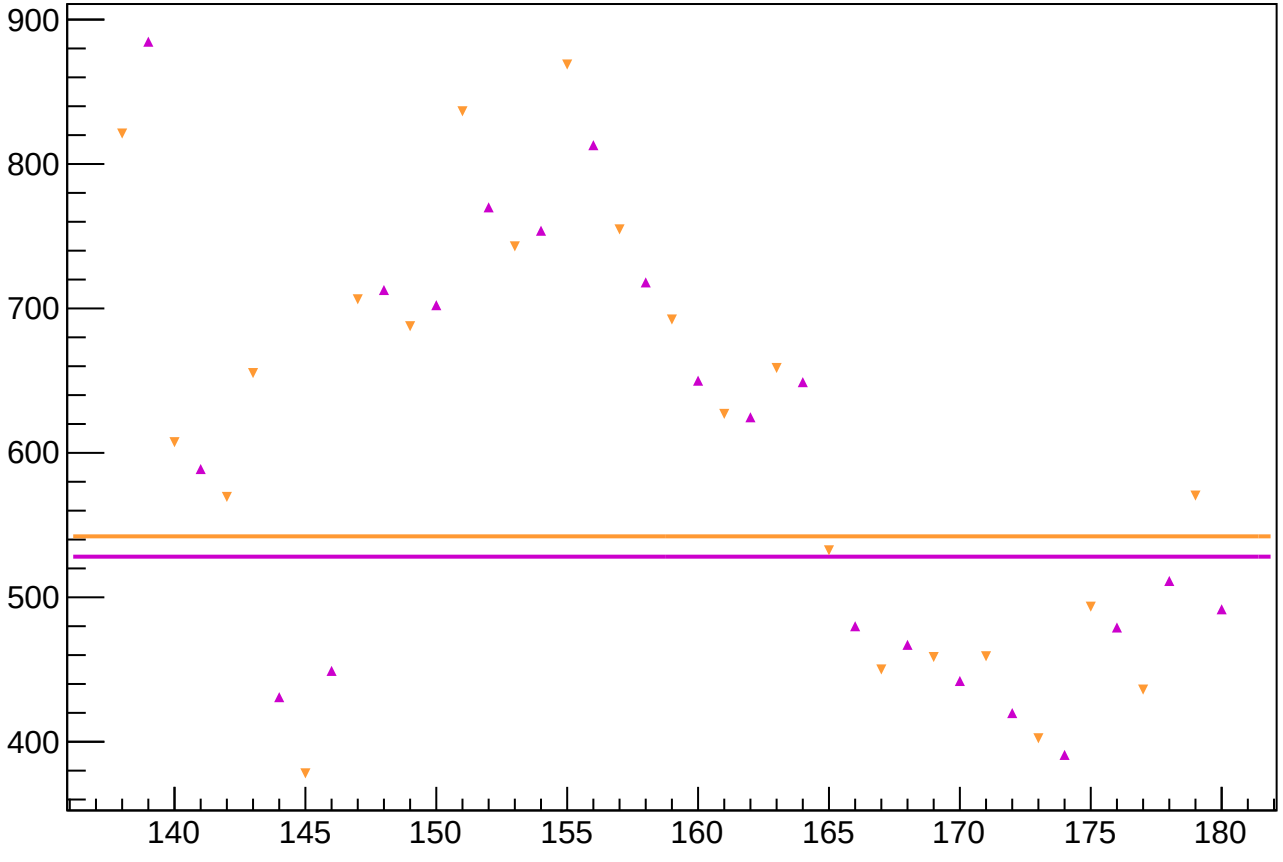
Left In: -78.777+/-133.644 χ^2/NDF:24.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -360.011+/-95.834 χ^2/NDF: 96.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_correction_rms vs Slug



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

Left Out: 542.207+/-0.097 χ^2/NDF:1933381.2/21

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

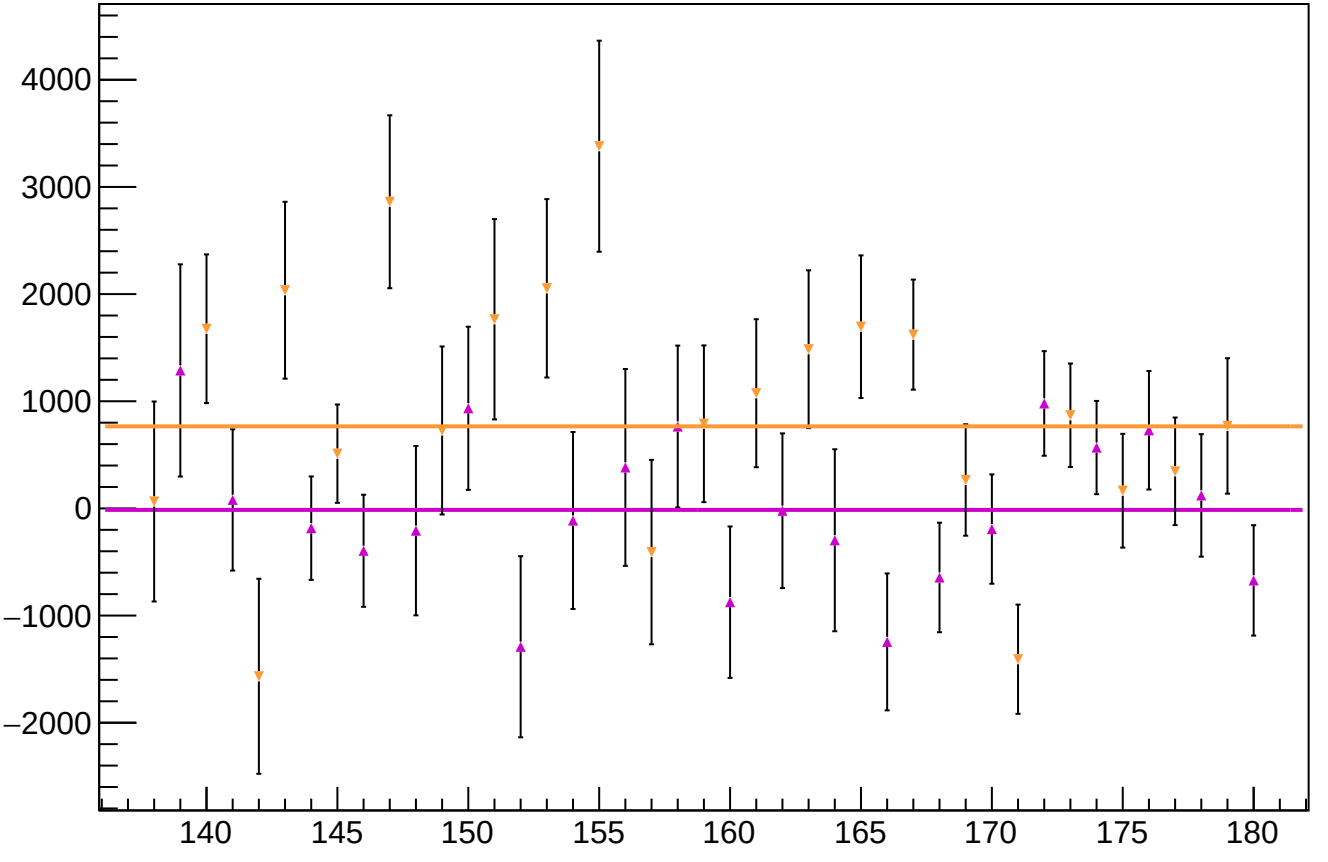
Left In: 528.144+/-0.095 χ^2/NDF:1810687.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 534.976+/-0.068 χ^2/NDF: 3754826.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_mean vs Slug



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

Left Out: 765.731+/-138.012 χ^2/NDF:57.7/21

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

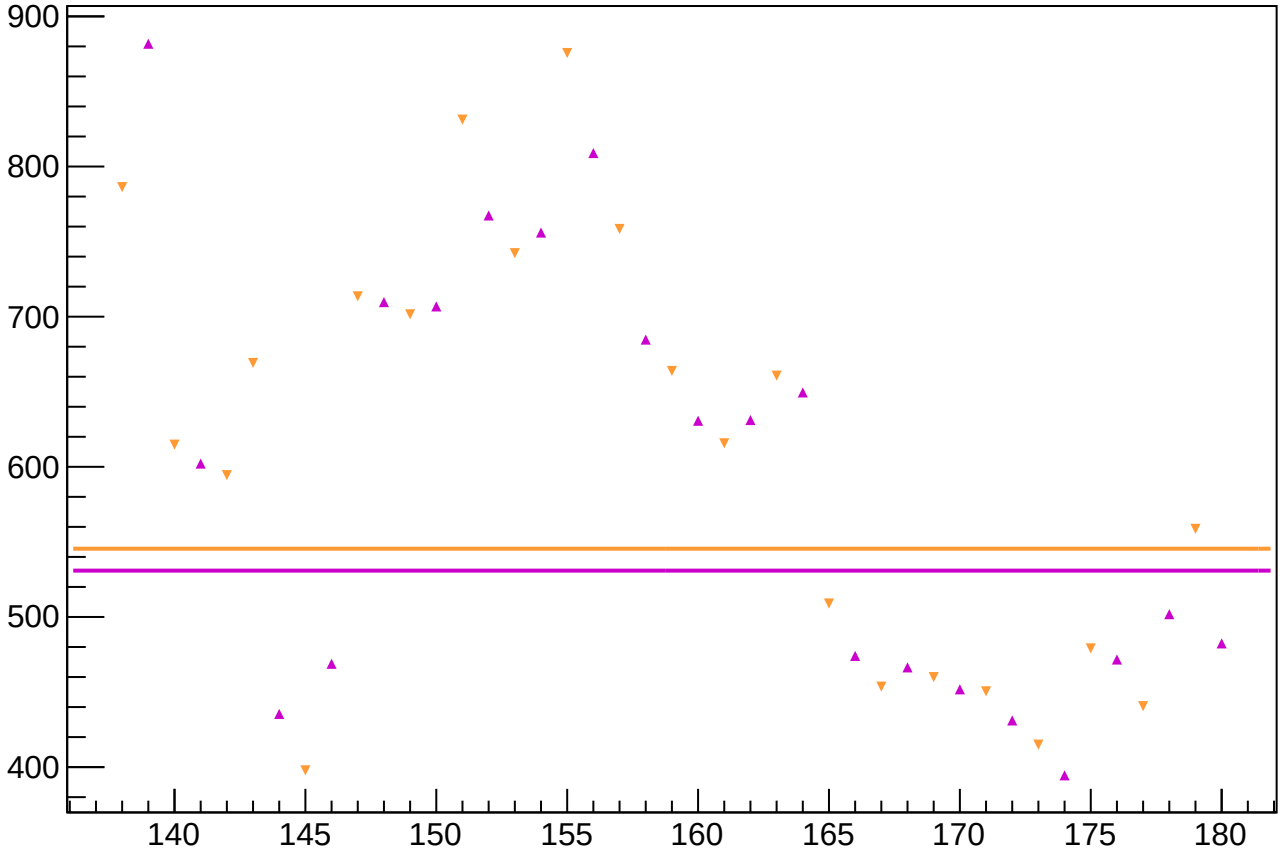
Left In: -13.949+/-134.340 χ^2/NDF:23.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 365.379+/-96.265 χ^2/NDF: 98.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_avg_rms vs Slug



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

Left Out: 545.477+/-0.098 χ^2/NDF:1804192.5/21

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

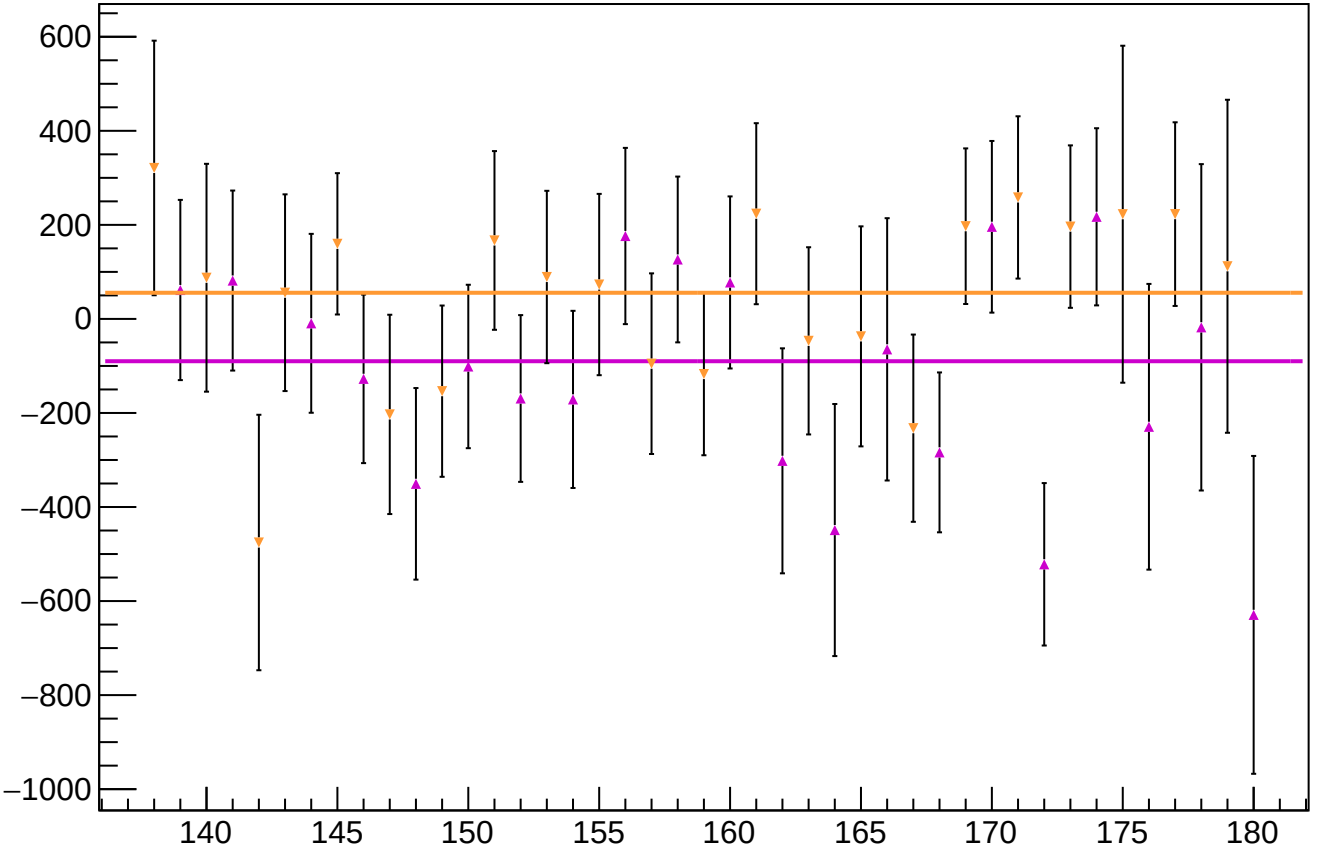
Left In: 530.868+/-0.095 χ^2/NDF:1700974.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 537.976+/-0.068 χ^2/NDF: 3516672.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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

Left Out: 55.622+/-42.635 χ^2/NDF:17.1/21

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

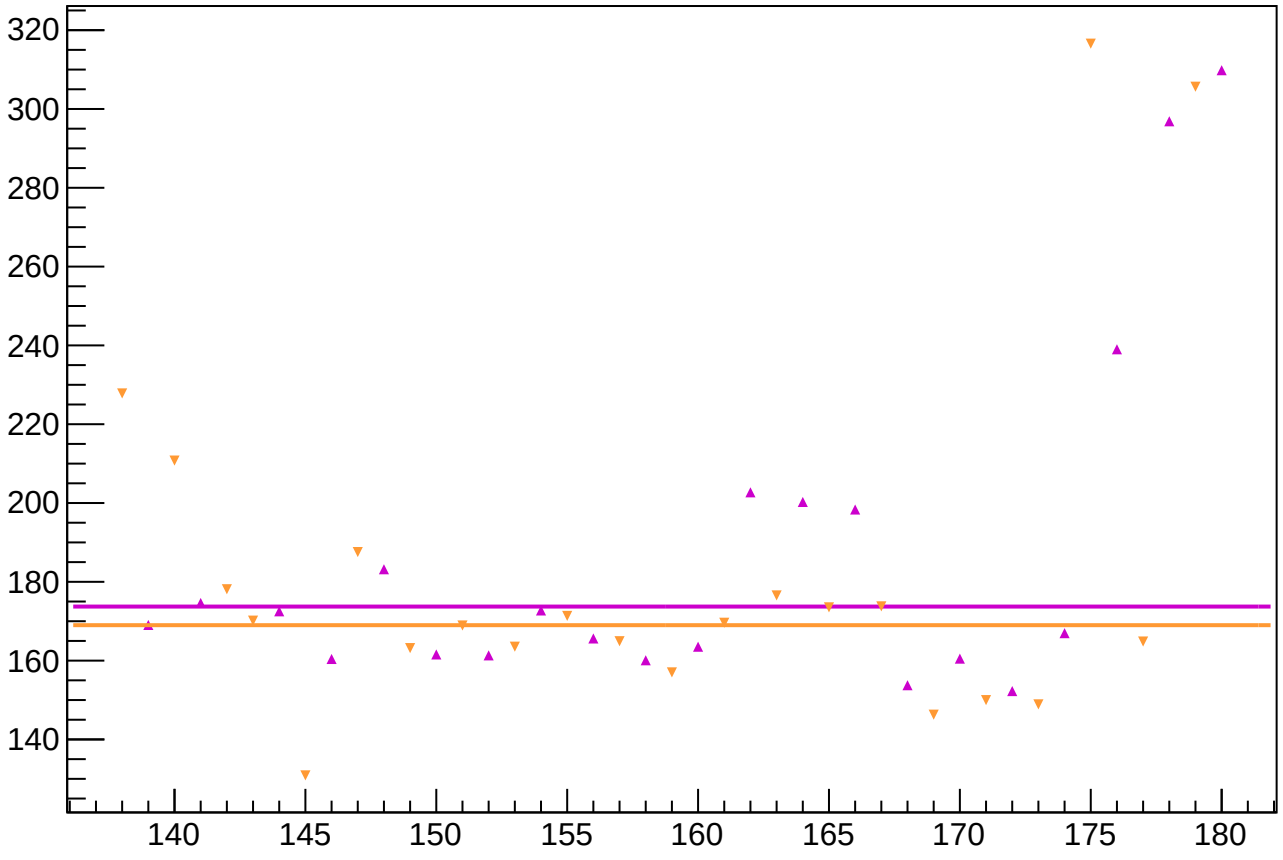
Left In: -89.972+/-43.875 χ^2/NDF:26.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.089+/-30.576 χ^2/NDF: 48.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 168.998+/-0.030 χ^2/NDF:1046737.3/21

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

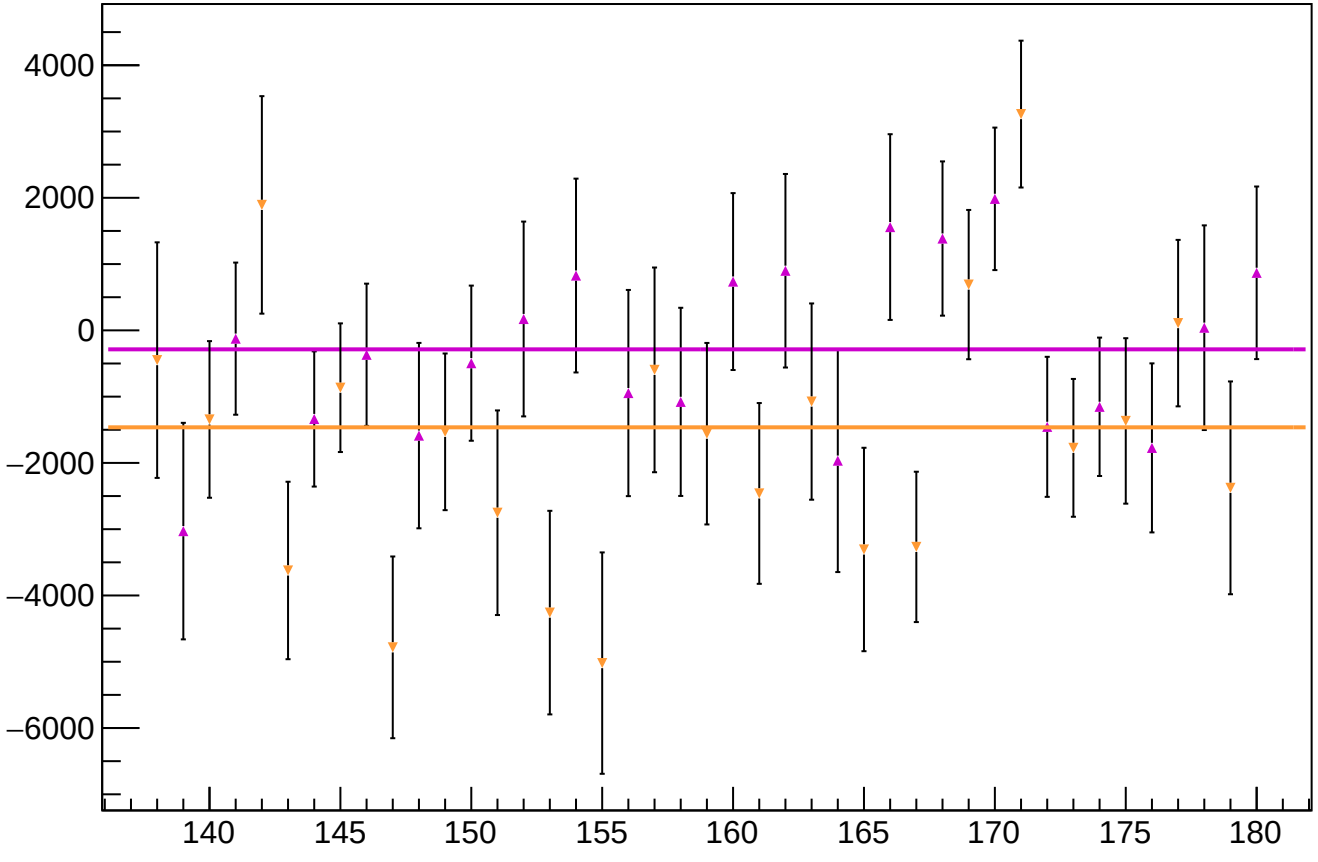
Left In: 173.722+/-0.031 χ^2/NDF:862806.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 171.292+/-0.022 χ^2/NDF: 1921467.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_correction_mean vs Slug



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

Left Out: -1462.963+/-279.352 χ^2/NDF:50.7/21

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

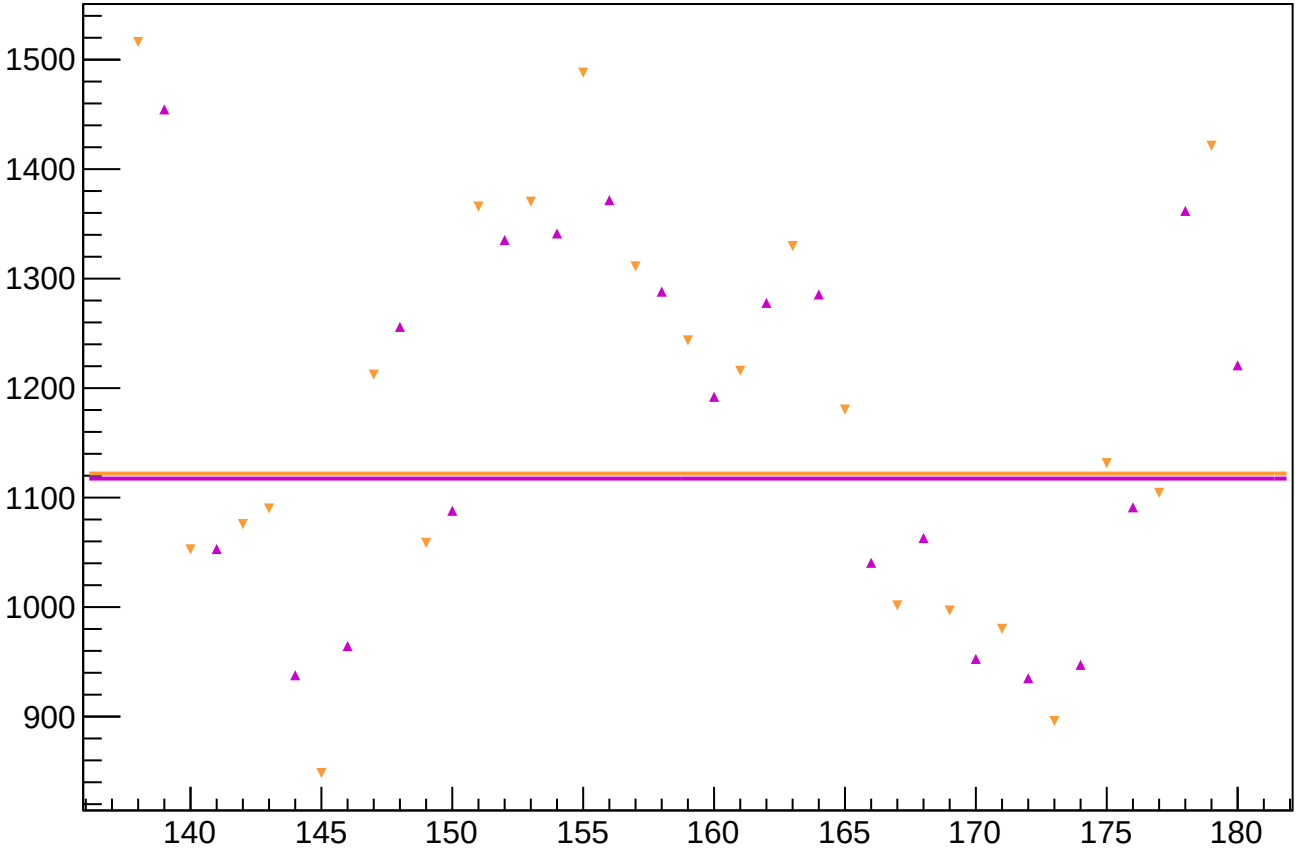
Left In: -286.490+/-277.563 χ^2/NDF:20.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -870.947+/-196.896 χ^2/NDF: 80.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_correction_rms vs Slug



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

Left Out: 1121.971+/-0.198 χ^2/NDF:821740.2/21

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

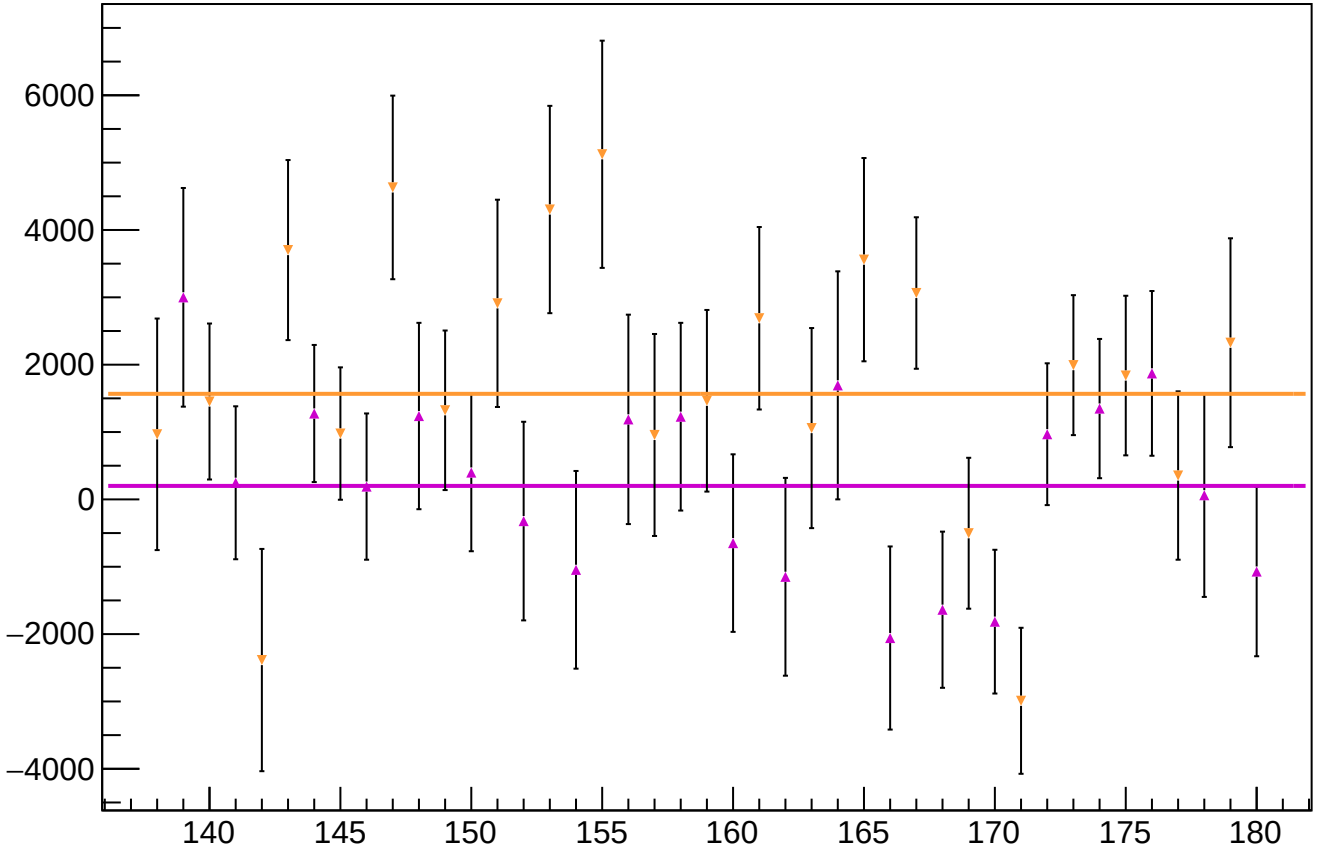
Left In: 1117.363+/-0.196 χ^2/NDF:672349.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1119.652+/-0.139 χ^2/NDF: 1494363.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_mean vs Slug



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

Left Out: 1567.312+/-276.725 χ^2/NDF:49.2/21

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

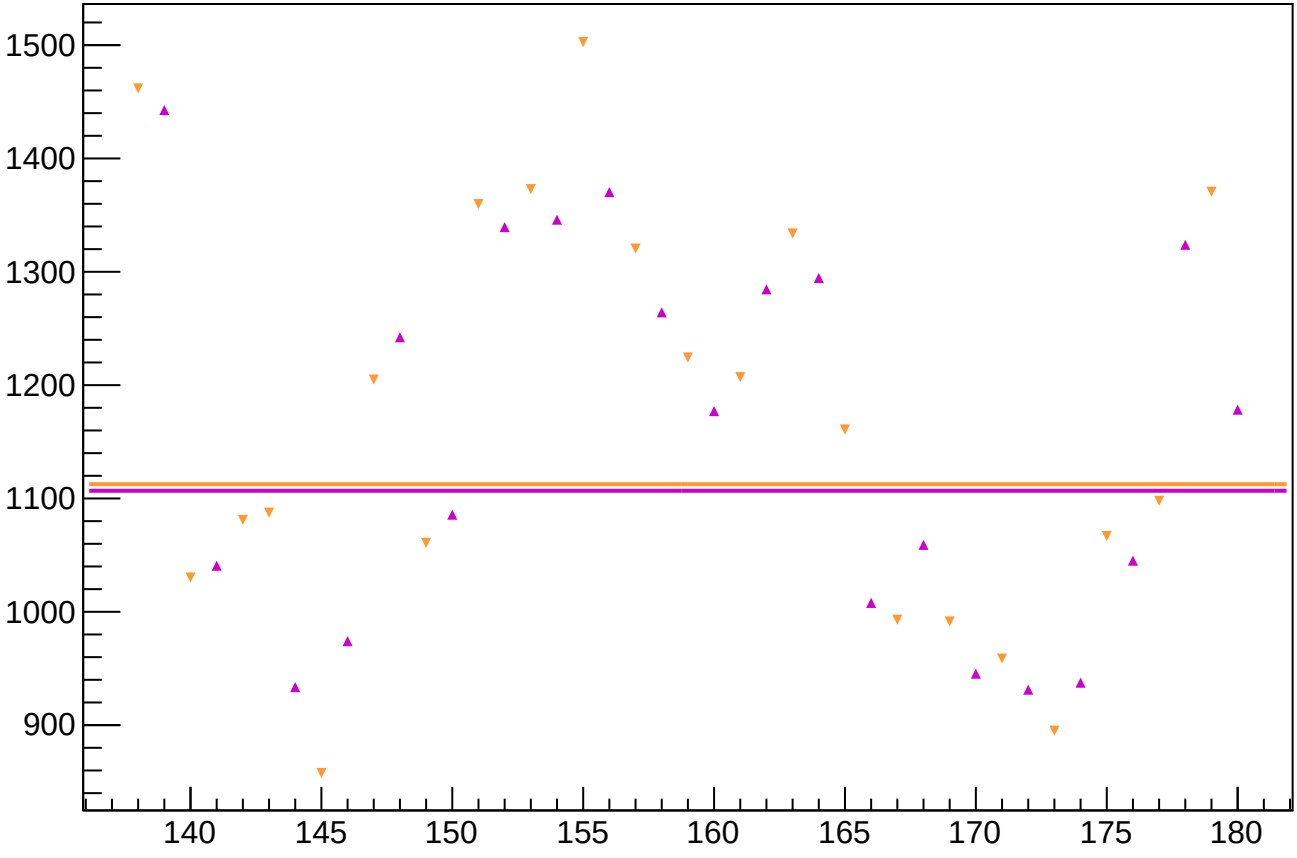
Left In: 200.255+/-275.187 χ^2/NDF:22.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 879.976+/-195.128 χ^2/NDF: 83.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_avg_rms vs Slug



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

Left Out: 1112.616+/-0.196 χ^2/NDF:798287.1/21

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

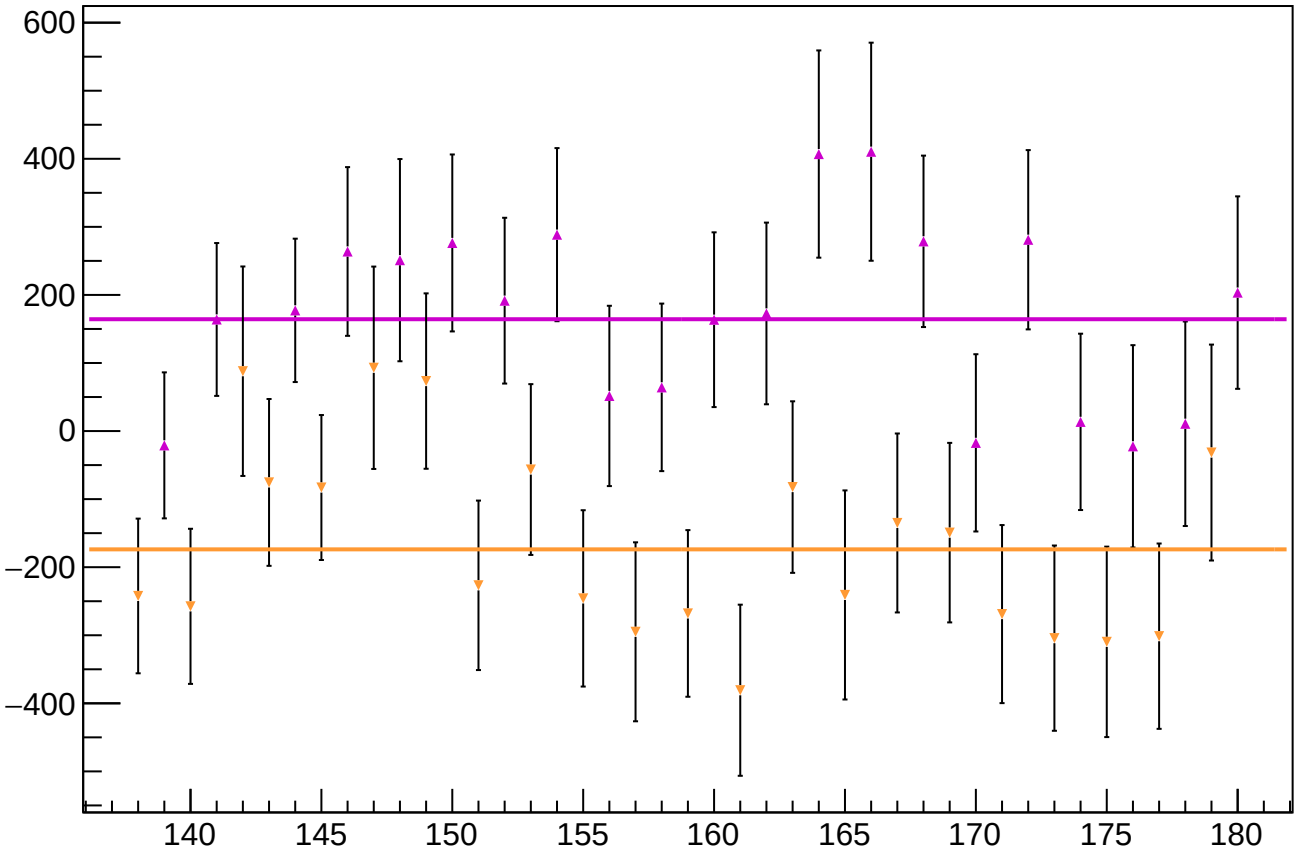
Left In: 1106.801+/-0.195 χ^2/NDF:667400.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1109.692+/-0.138 χ^2/NDF: 1466131.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_dd_mean vs Slug



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

Left Out: -173.803+/-27.624 χ^2/NDF:22.5/21

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

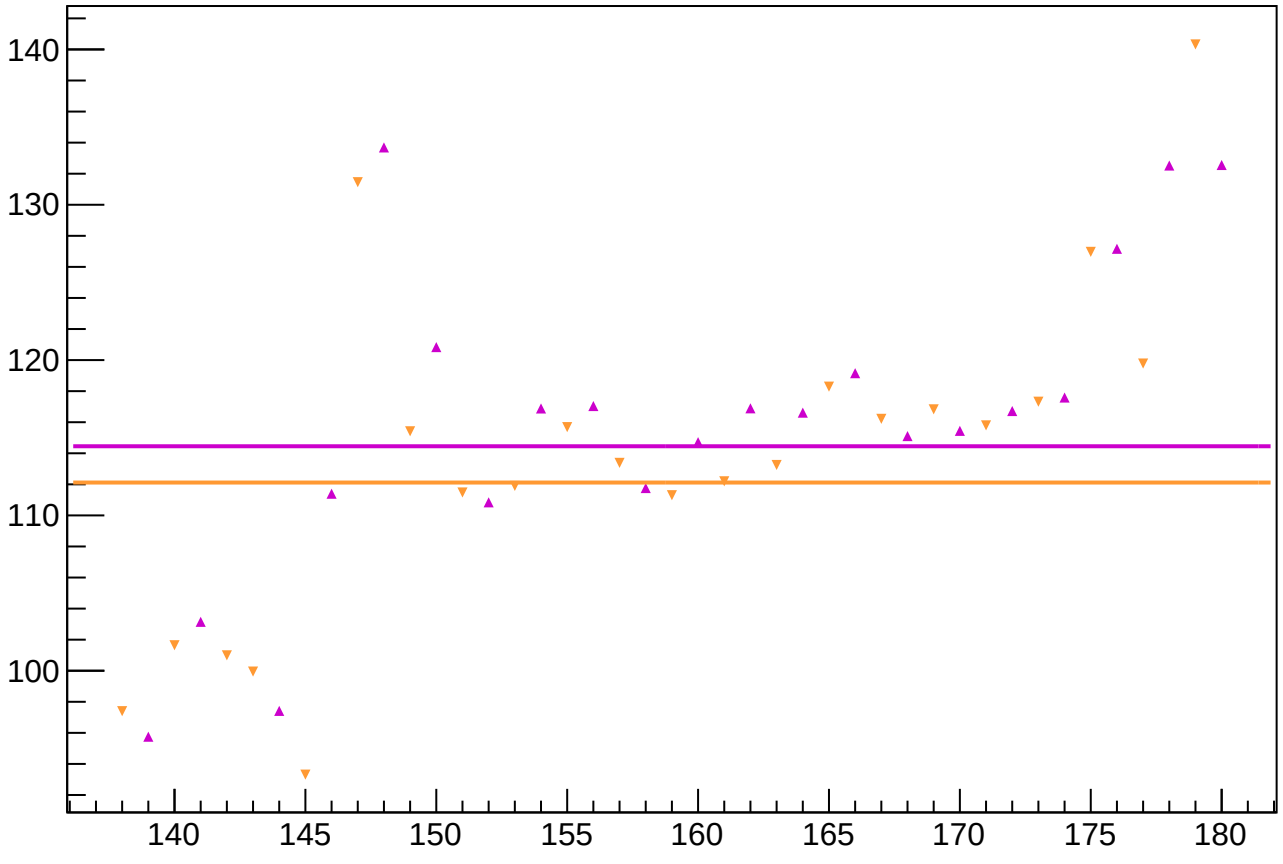
Left In: 164.303+/-28.215 χ^2/NDF:19.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.331+/-19.739 χ^2/NDF: 115.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 112.116+/-0.020 χ^2/NDF:284547.7/21

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

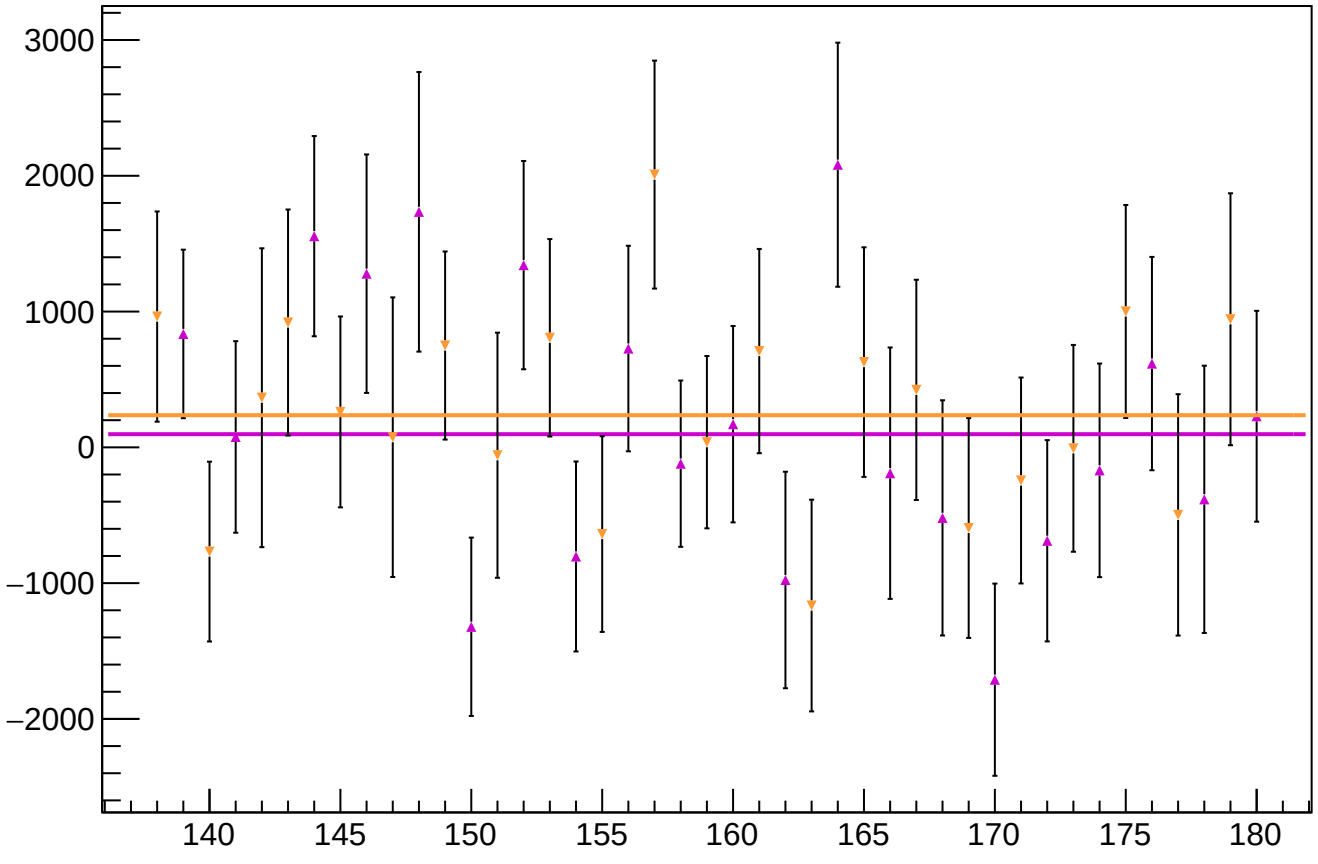
Left In: 114.452+/-0.020 χ^2/NDF:258317.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 113.260+/-0.014 χ^2/NDF: 549863.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_correction_mean vs Slug



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

Left Out: 236.734+/-167.619 χ^2/NDF:18.9/21

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

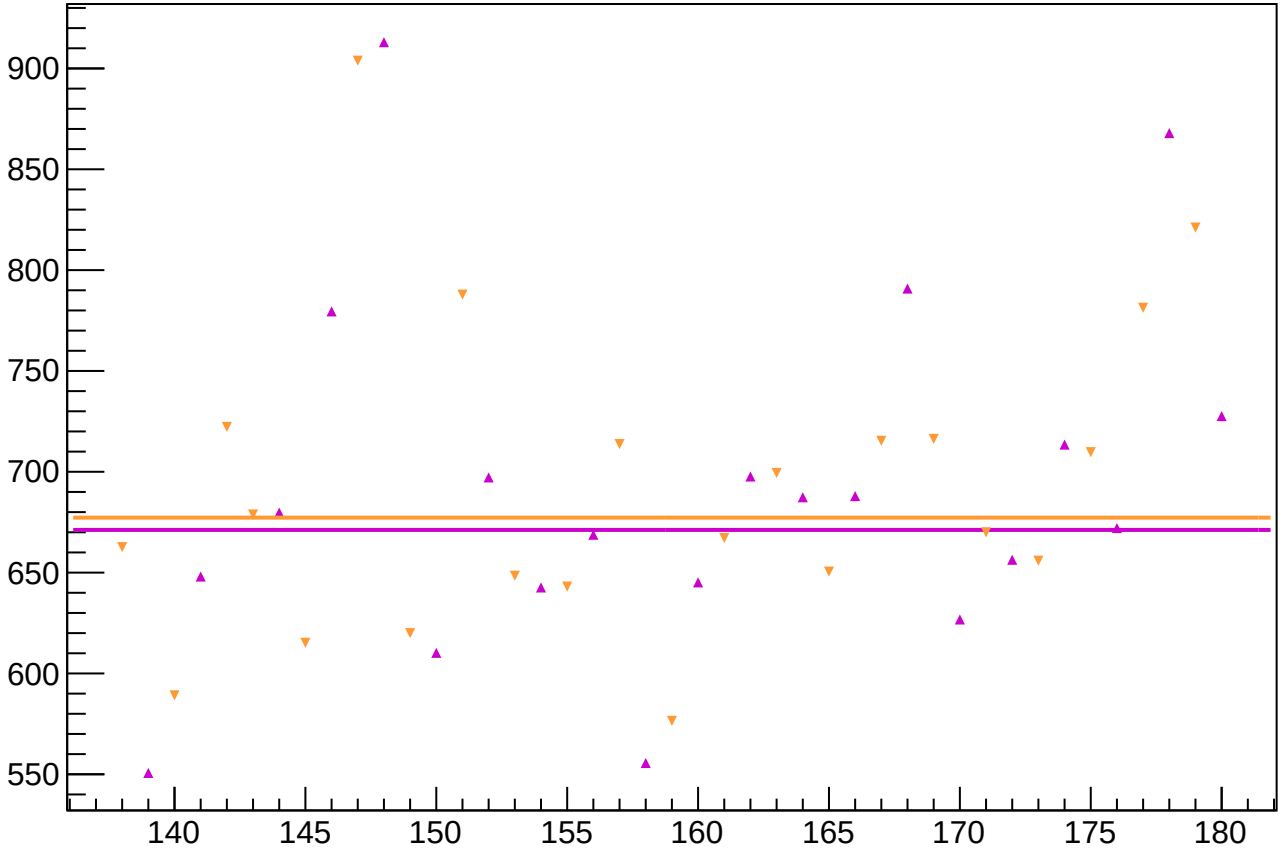
Left In: 96.868+/-166.377 χ^2/NDF:35.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 166.281+/-118.083 χ^2/NDF: 54.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_correction_rms vs Slug



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

Left Out: 677.270+/-0.119 χ^2/NDF:351188.7/21

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

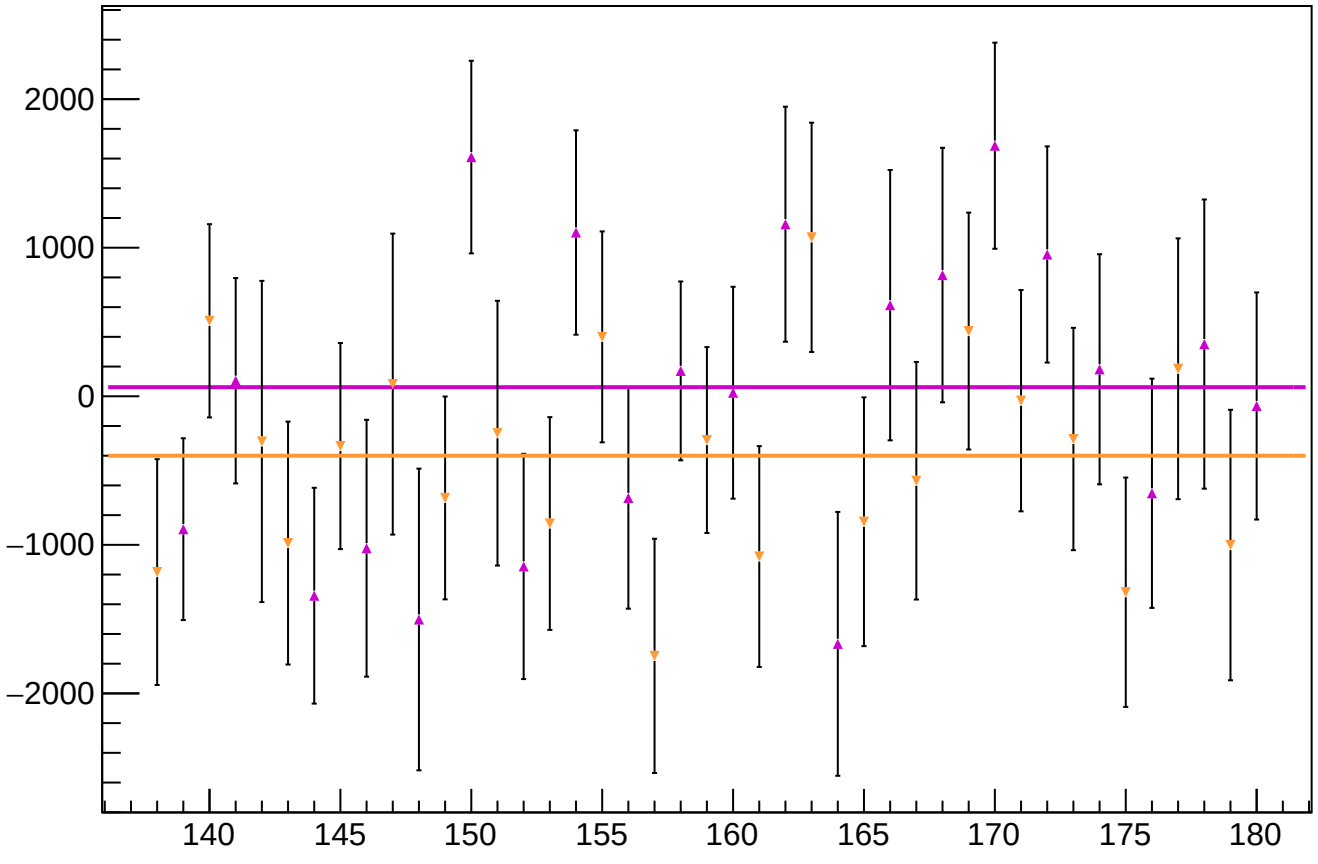
Left In: 671.170+/-0.118 χ^2/NDF:462067.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 674.197+/-0.083 χ^2/NDF: 814589.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_mean vs Slug



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

Left Out: -400.129+/-164.779 χ^2/NDF:17.1/21

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

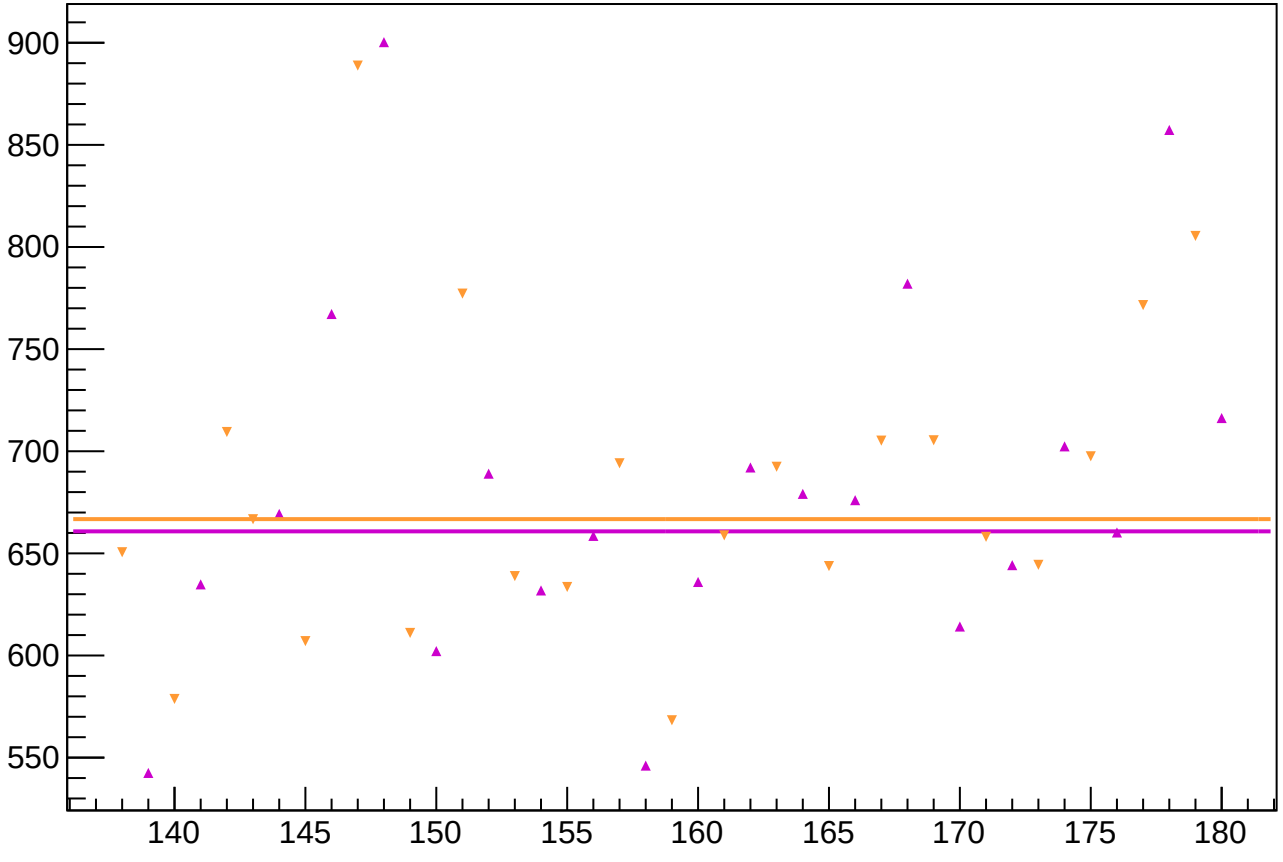
Left In: 61.138+/-163.849 χ^2/NDF:36.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -168.189+/-116.186 χ^2/NDF: 57.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_dd_rms vs Slug



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

Left Out: 666.772+/-0.117 χ^2/NDF:348434.1/21

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

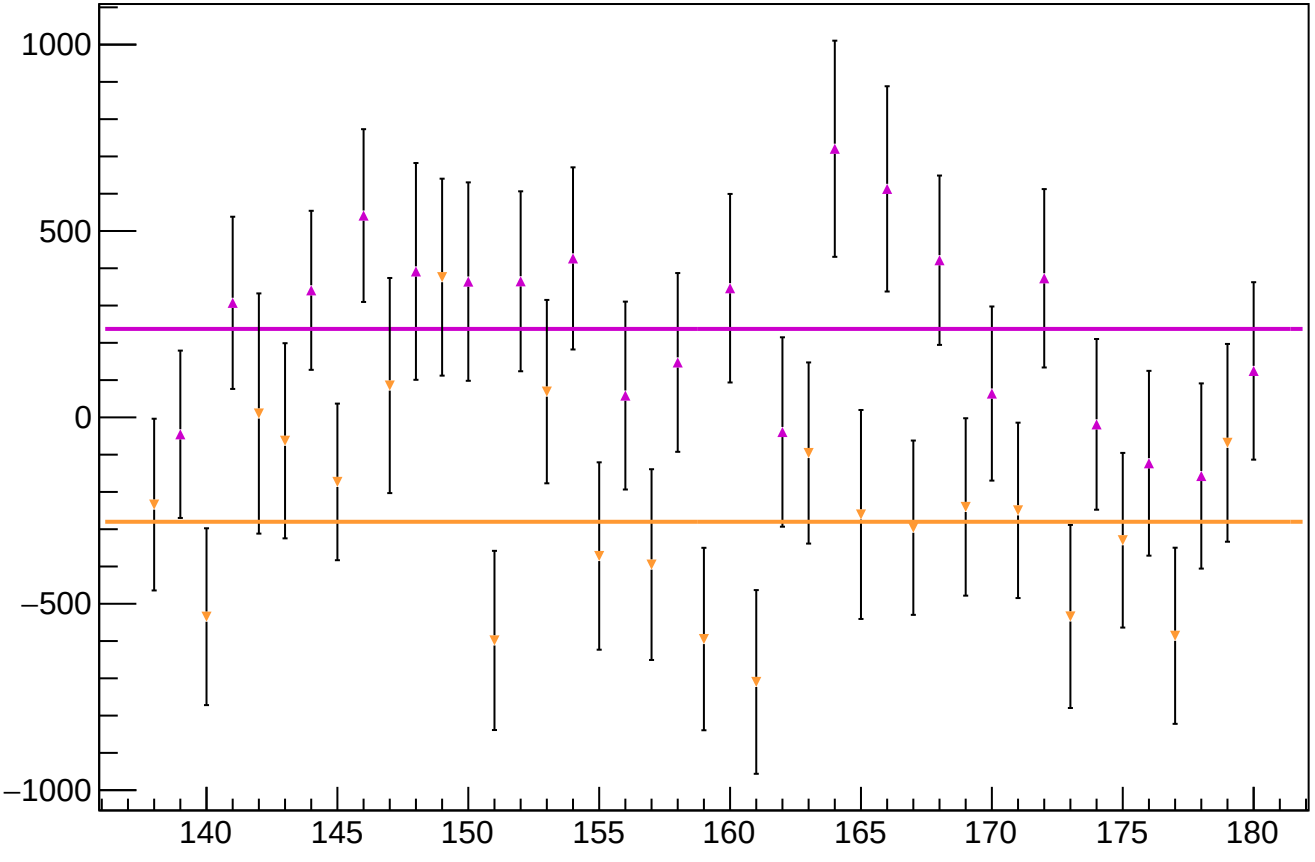
Left In: 660.780+/-0.116 χ^2/NDF:469748.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 663.759+/-0.082 χ^2/NDF: 819512.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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

Left Out: -280.035+/-52.808 χ^2/NDF:23.6/21

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

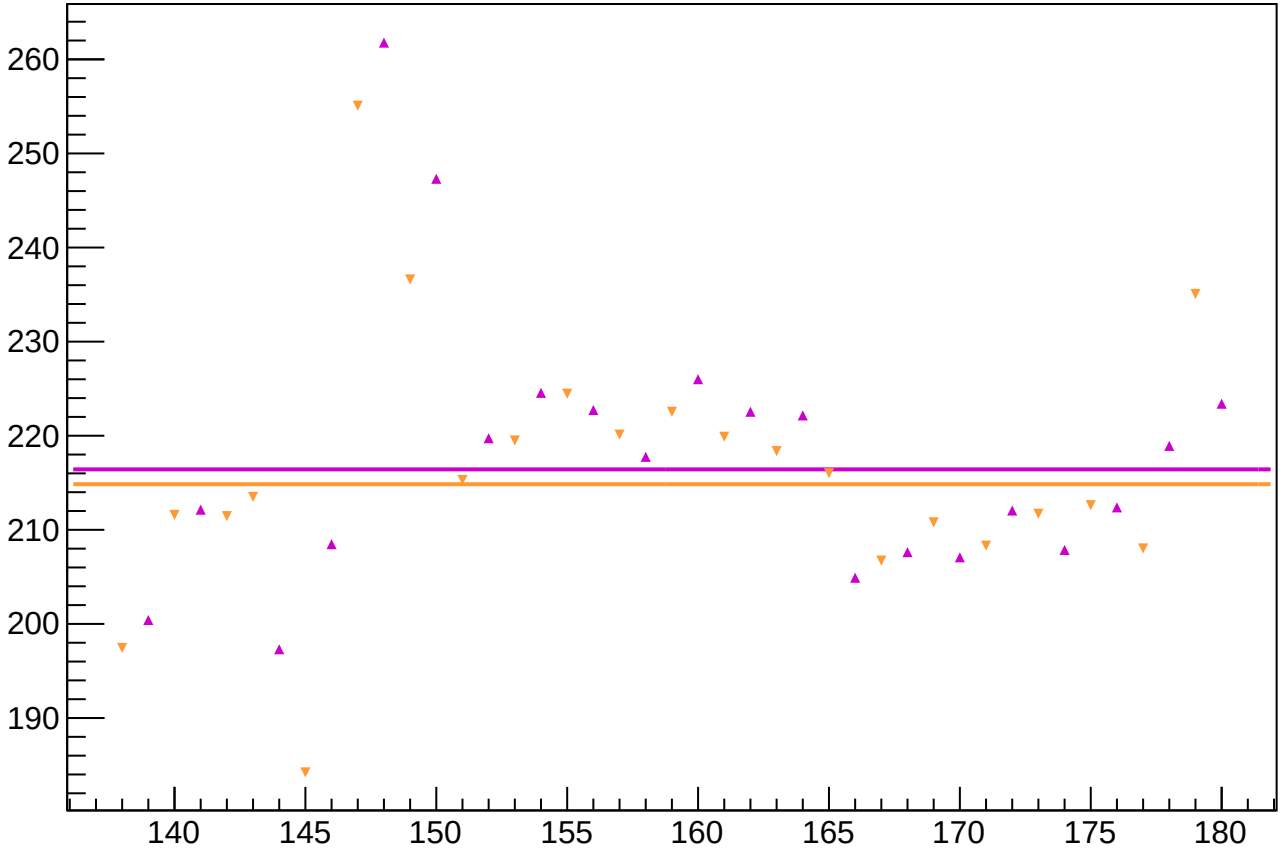
Left In: 237.313+/-53.241 χ^2/NDF:19.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.472+/-37.493 χ^2/NDF: 90.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 214.849+/-0.037 χ^2/NDF:133118.9/21

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

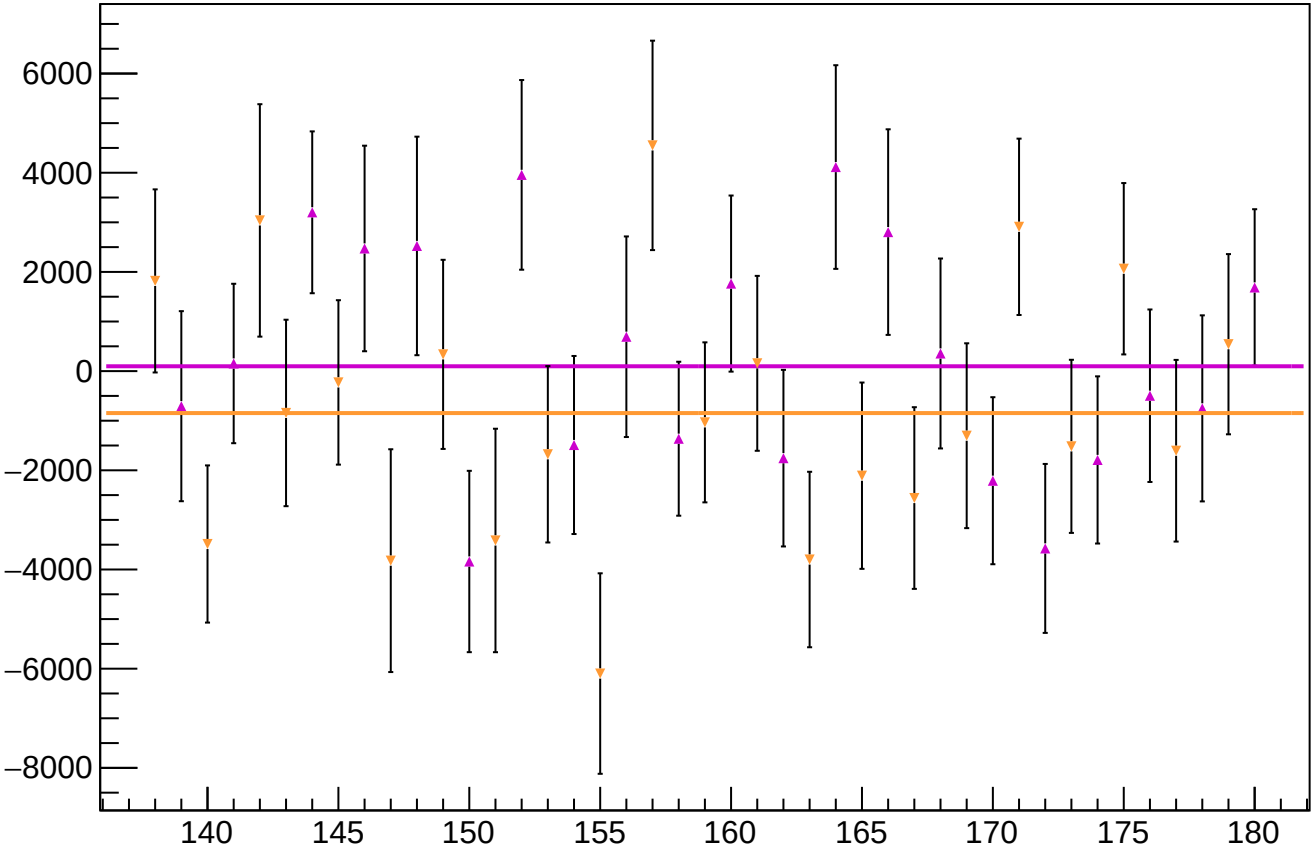
Left In: 216.424+/-0.038 χ^2/NDF:129197.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 215.630+/-0.027 χ^2/NDF: 263199.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_correction_mean vs Slug



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

Left Out: -845.947+/-393.693 χ^2/NDF:37.4/21

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

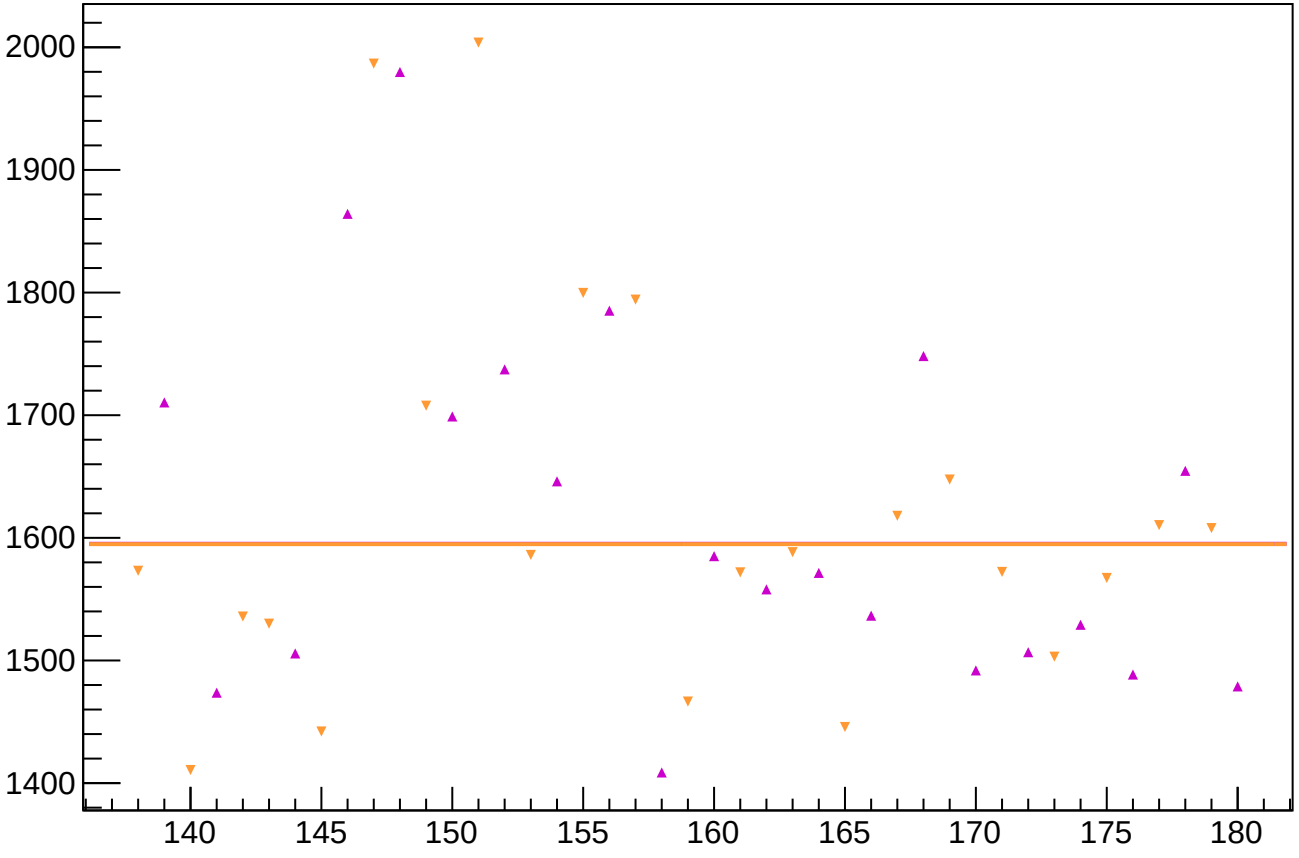
Left In: 97.646+/-393.505 χ^2/NDF:33.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -373.925+/-278.317 χ^2/NDF: 73.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_correction_rms vs Slug



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

Left Out: 1594.868+/-0.278 χ^2/NDF:254265.8/21

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

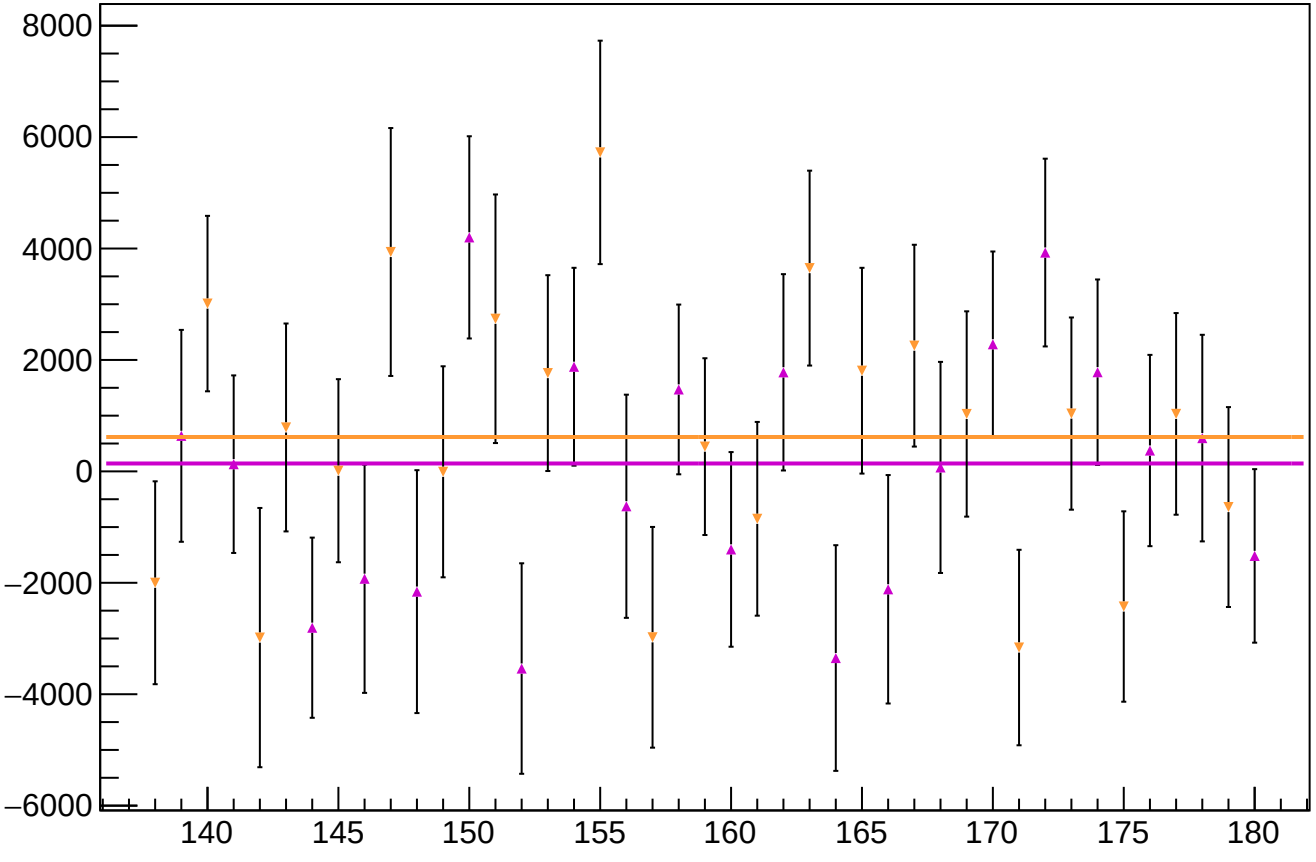
Left In: 1595.146+/-0.278 χ^2/NDF:236959.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1595.007+/-0.197 χ^2/NDF: 491225.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_mean vs Slug



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

Left Out: 616.912+/-388.579 χ^2/NDF:33.8/21

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

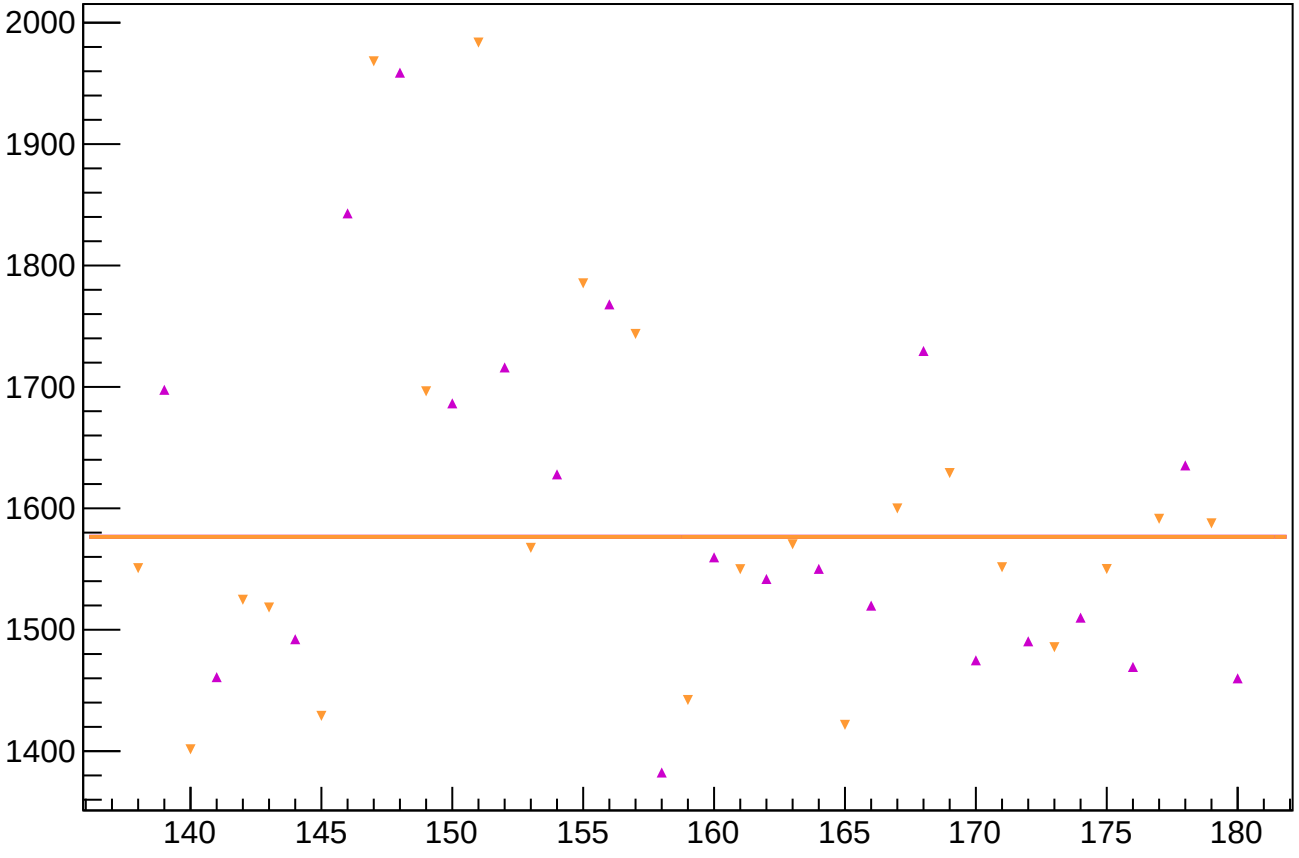
Left In: 141.586+/-388.991 χ^2/NDF:30.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 379.500+/-274.912 χ^2/NDF: 65.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_rms vs Slug



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

Left Out: 1576.488+/-0.275 χ^2/NDF:254200.8/21

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

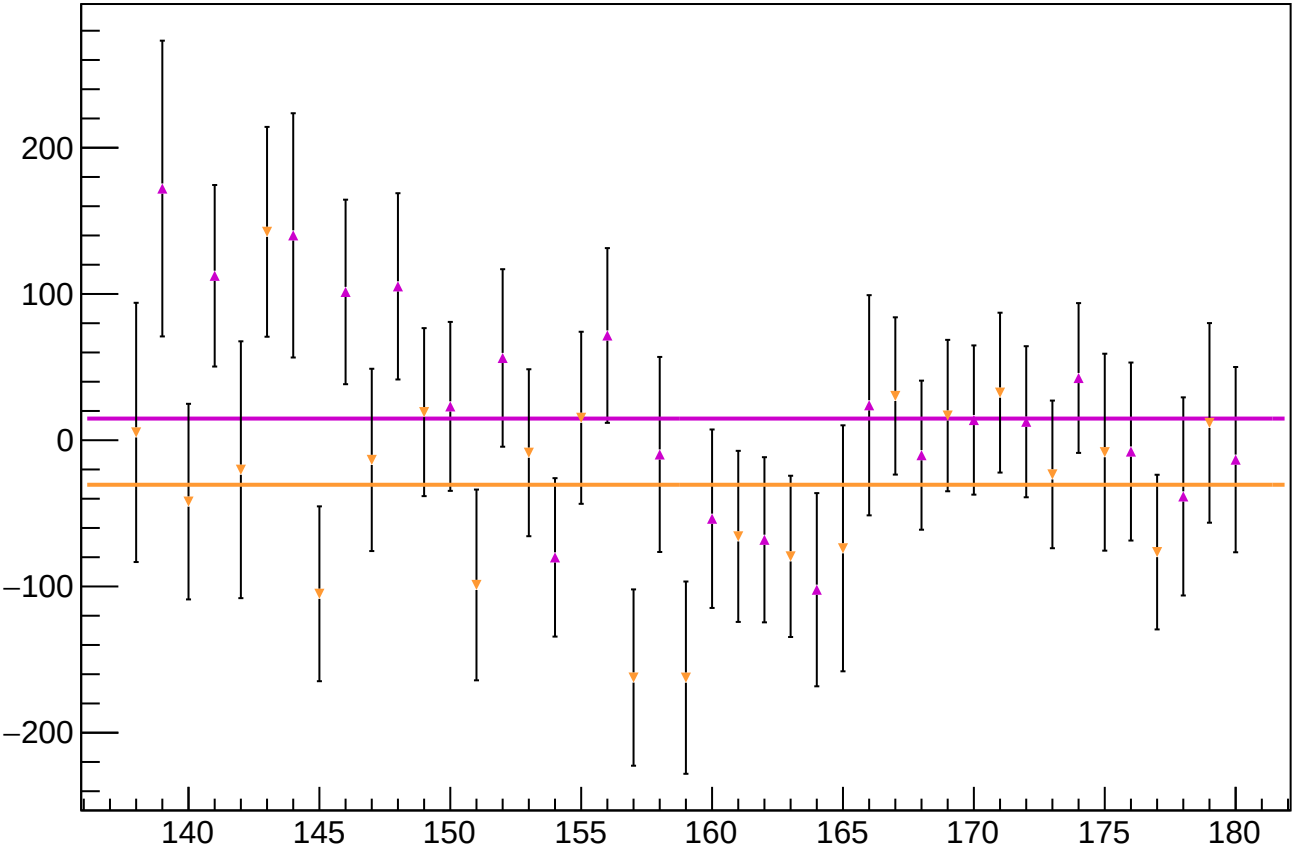
Left In: 1576.581+/-0.275 χ^2/NDF:242844.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1576.534+/-0.194 χ^2/NDF: 497045.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_dd_mean vs Slug



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

Left Out: -30.450+/-13.069 χ^2/NDF:25.2/21

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

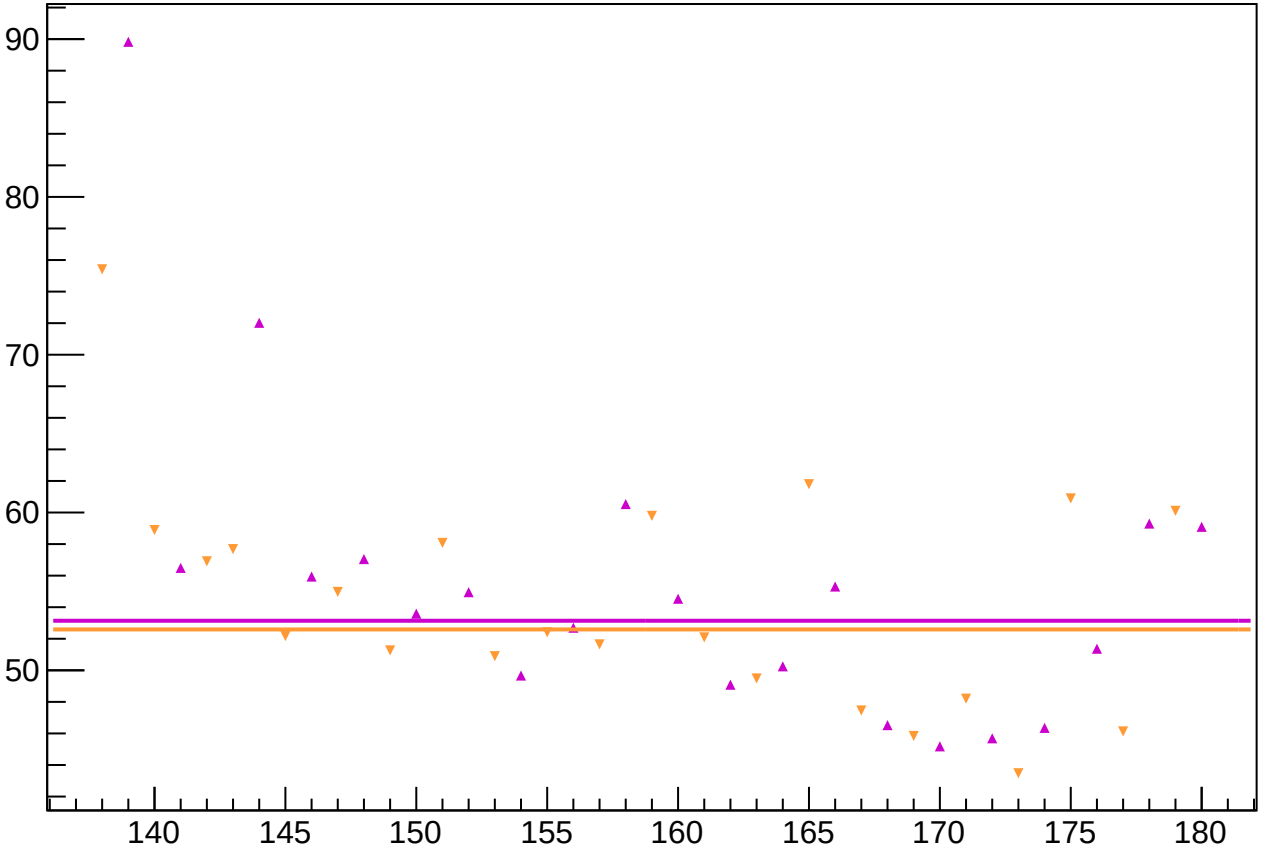
Left In: 14.805+/-13.285 χ^2/NDF:23.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.193+/-9.317 χ^2/NDF: 54.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 52.591+/-0.009 χ^2/NDF:455067.0/21

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

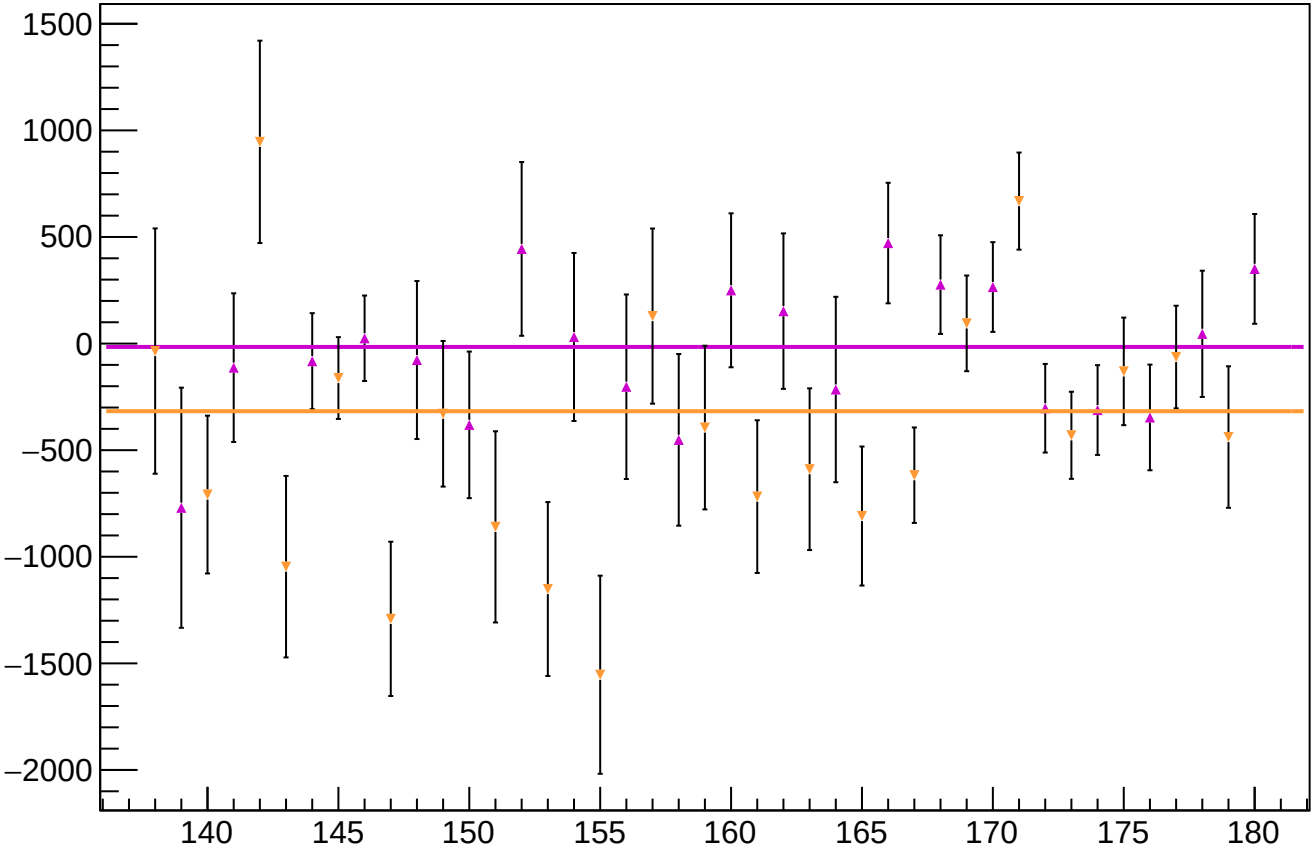
Left In: 53.142+/-0.009 χ^2/NDF:629521.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 52.862+/-0.007 χ^2/NDF: 1086336.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -317.167+/-64.384 χ^2/NDF:63.3/21

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

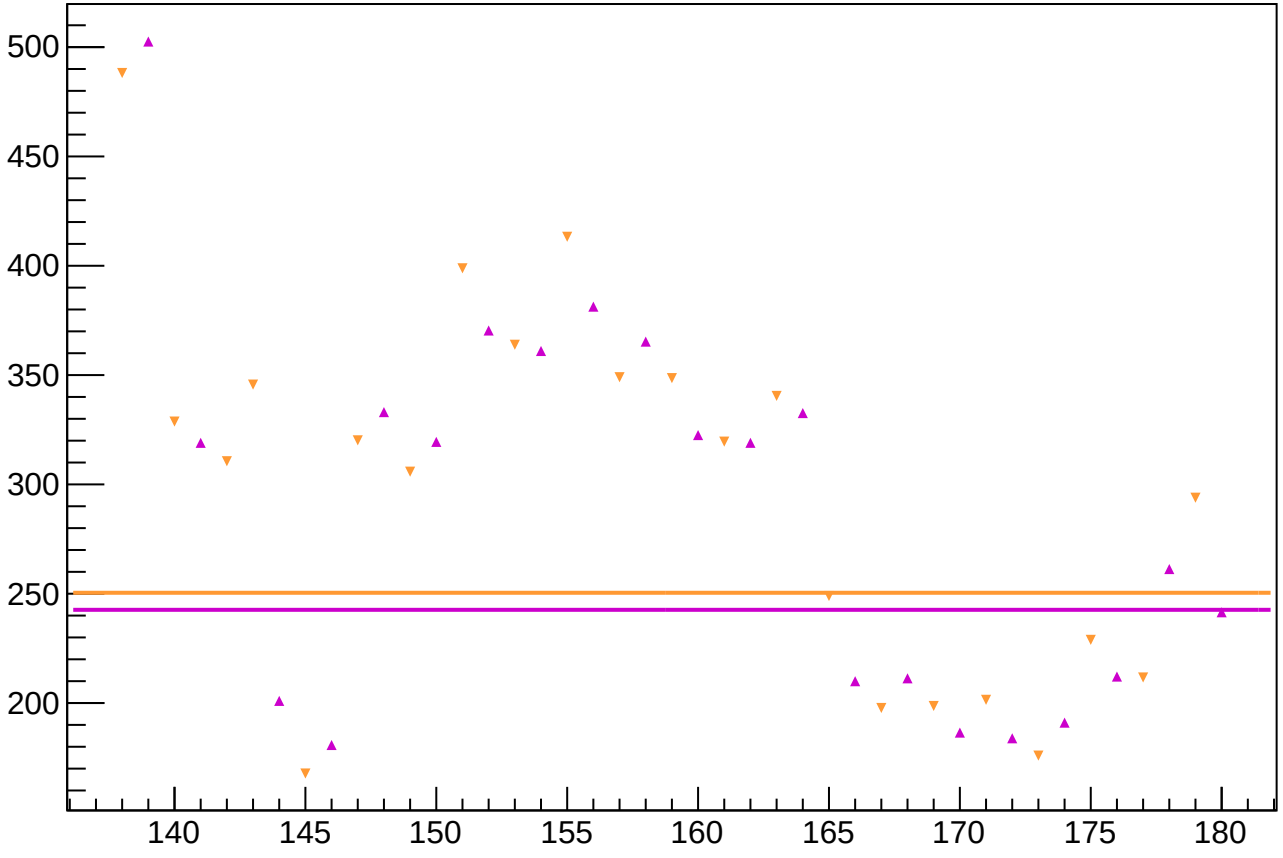
Left In: -15.713+/-62.201 χ^2/NDF:20.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -161.243+/-44.734 χ^2/NDF: 95.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_correction_rms vs Slug



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

Left Out: 250.432+/-0.046 χ^2/NDF:2790454.0/21

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

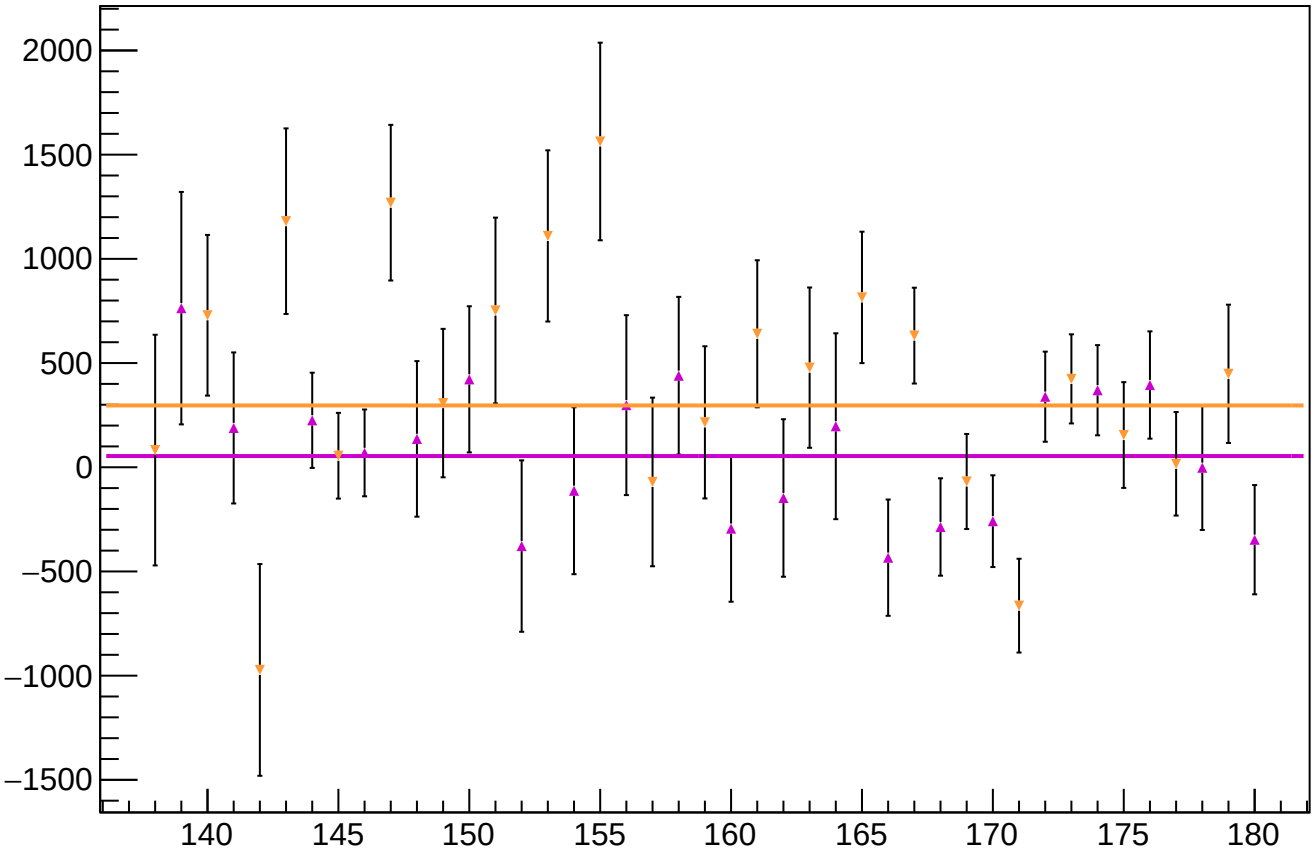
Left In: 242.635+/-0.044 χ^2/NDF:2563172.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 246.399+/-0.032 χ^2/NDF: 5368796.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_mean vs Slug



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

Left Out: 296.562+/-65.647 χ^2/NDF:61.7/21

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

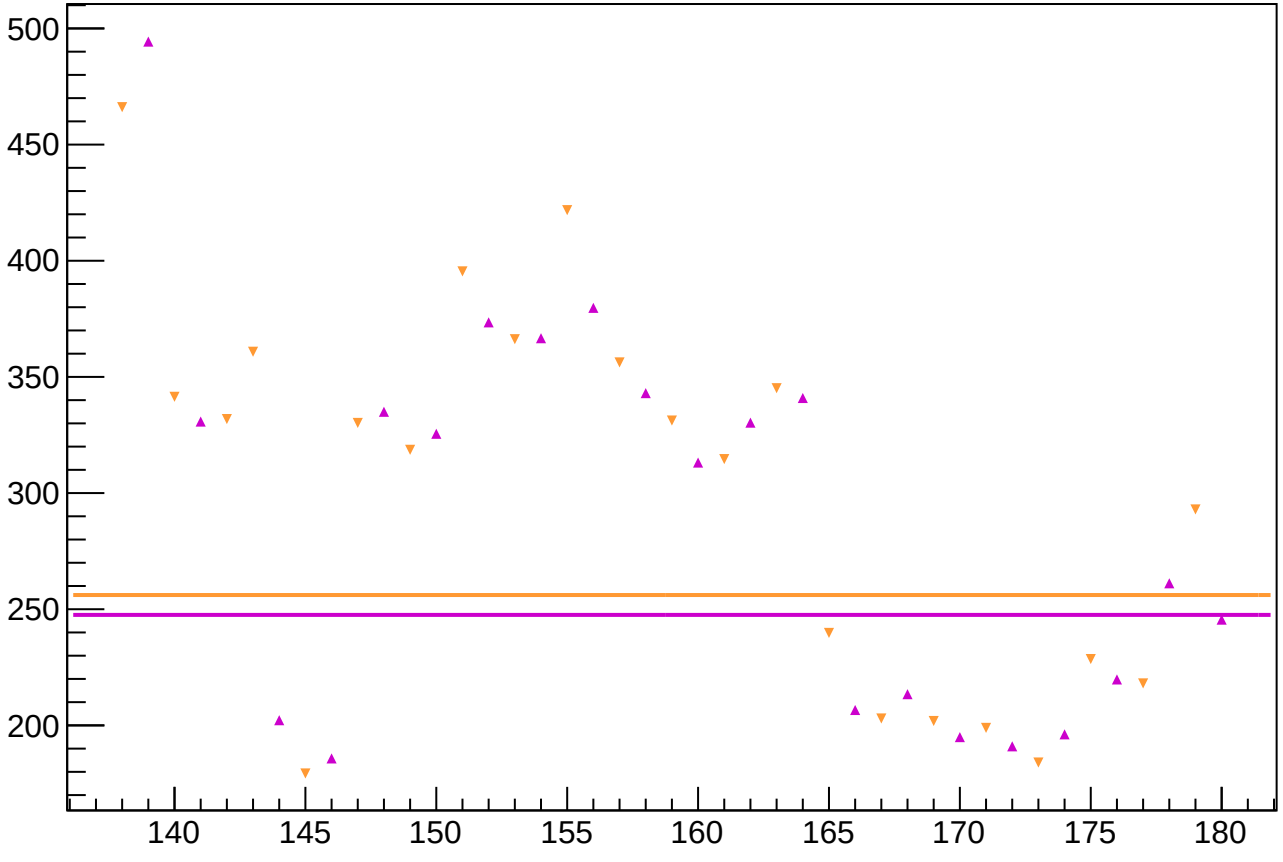
Left In: 53.752+/-63.448 χ^2/NDF:22.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 171.022+/-45.622 χ^2/NDF: 91.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_dd_rms vs Slug



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

Left Out: 256.113+/-0.046 χ^2/NDF:2589694.3/21

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

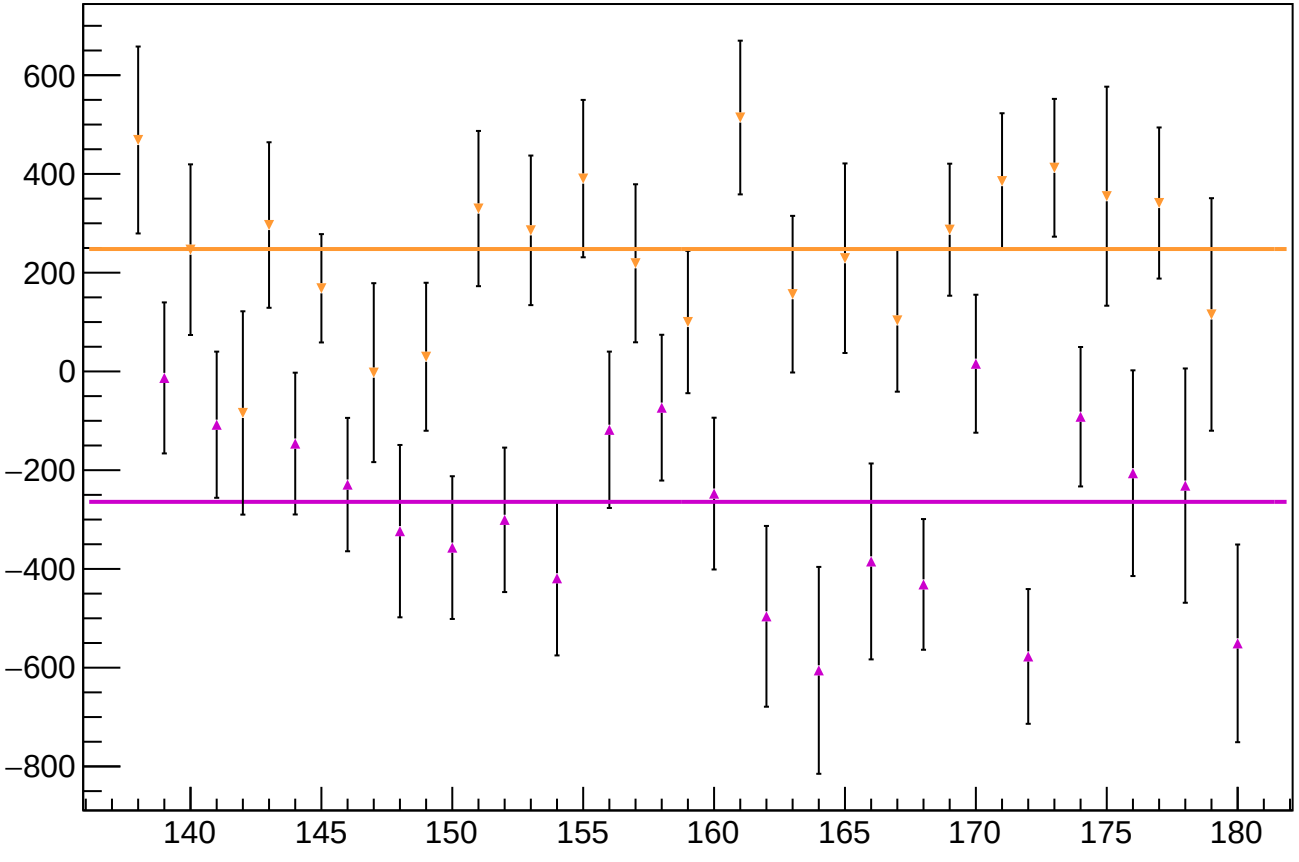
Left In: 247.559+/-0.045 χ^2/NDF:2370452.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 251.690+/-0.032 χ^2/NDF: 4977706.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_dd_mean vs Slug



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

Left Out: 247.917+/-33.585 χ^2/NDF:18.5/21

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

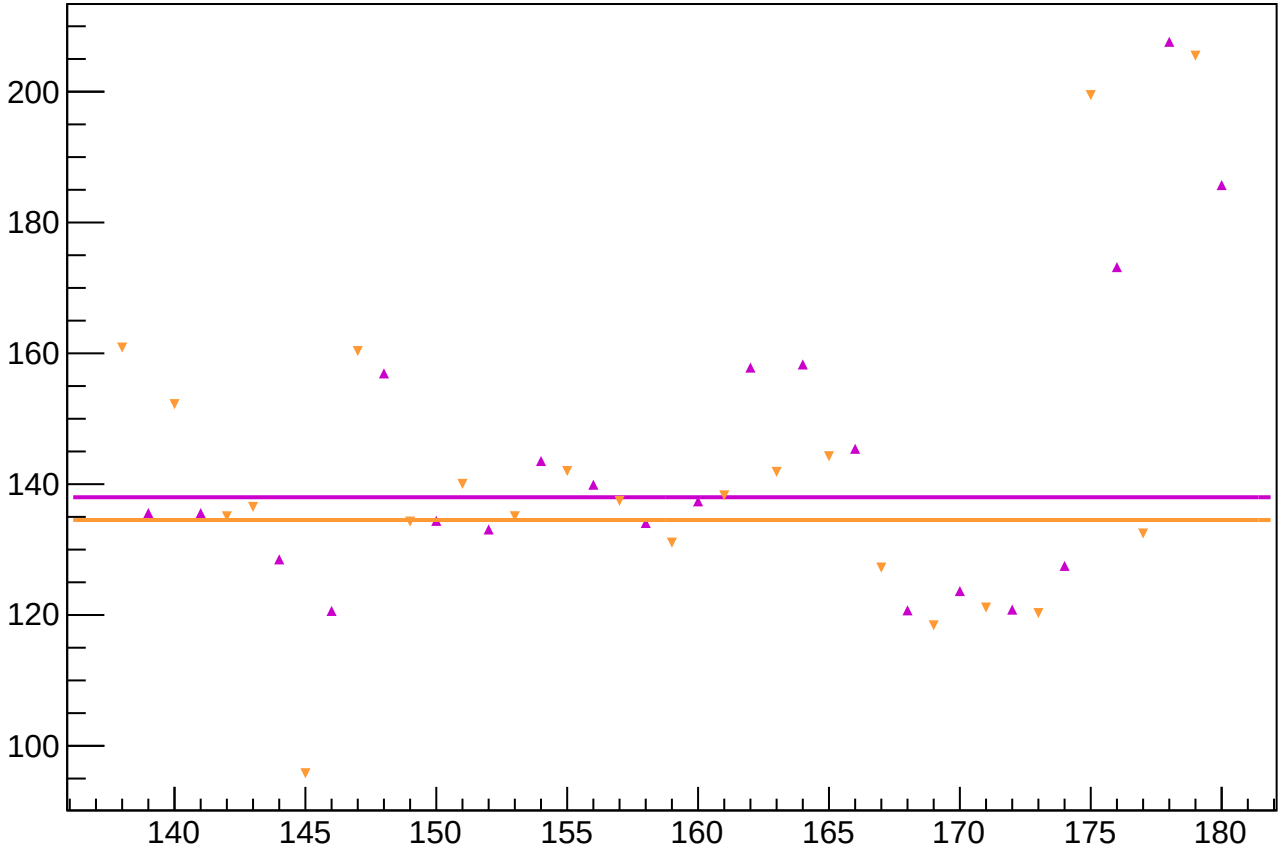
Left In: -264.143+/-34.420 χ^2/NDF:27.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.825+/-24.038 χ^2/NDF: 159.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_dd_rms vs Slug



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

Left Out: 134.521+/-0.024 χ^2/NDF:796528.4/21

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

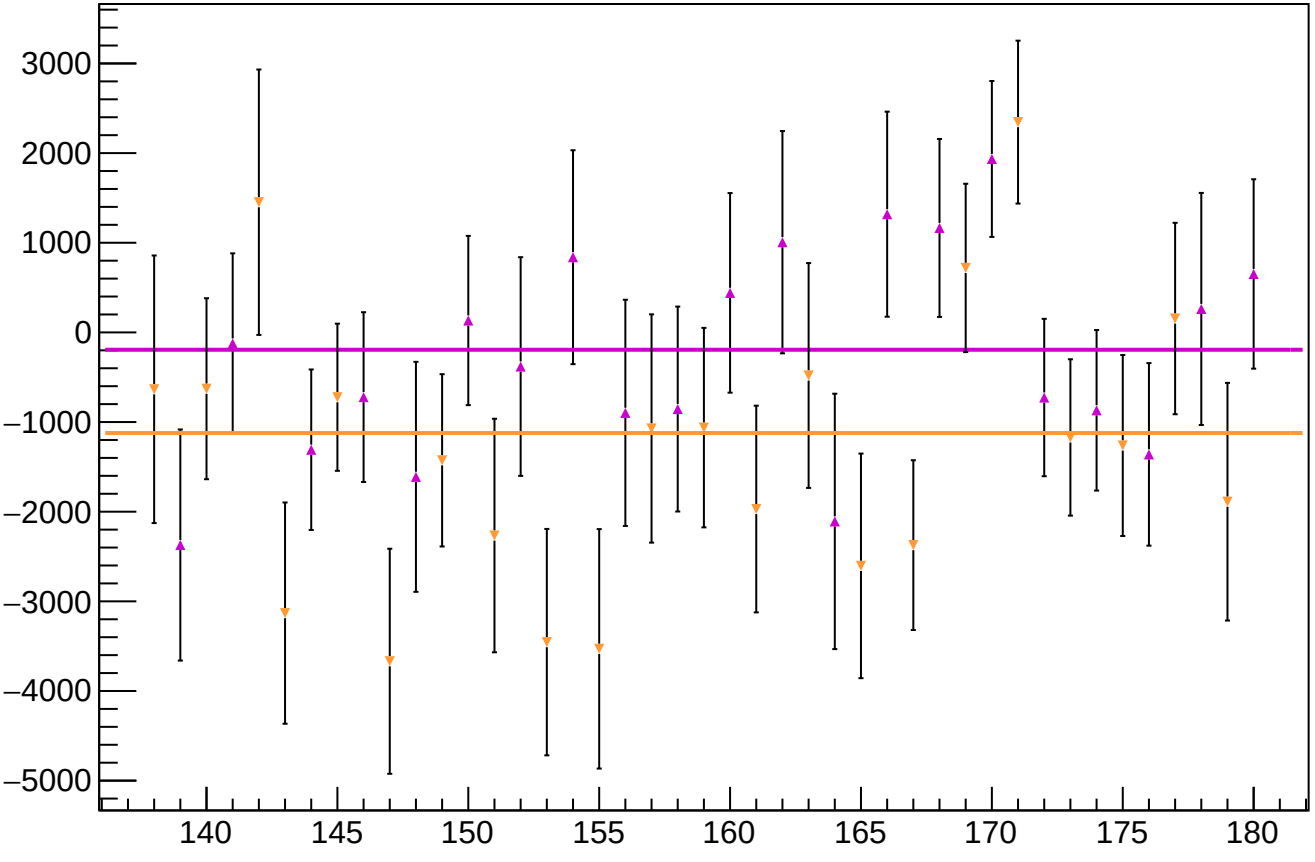
Left In: 138.003+/-0.024 χ^2/NDF:560050.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 136.219+/-0.017 χ^2/NDF: 1367064.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_correction_mean vs Slug



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

Left Out: -1122.101+/-234.552 χ^2/NDF:42.1/21

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

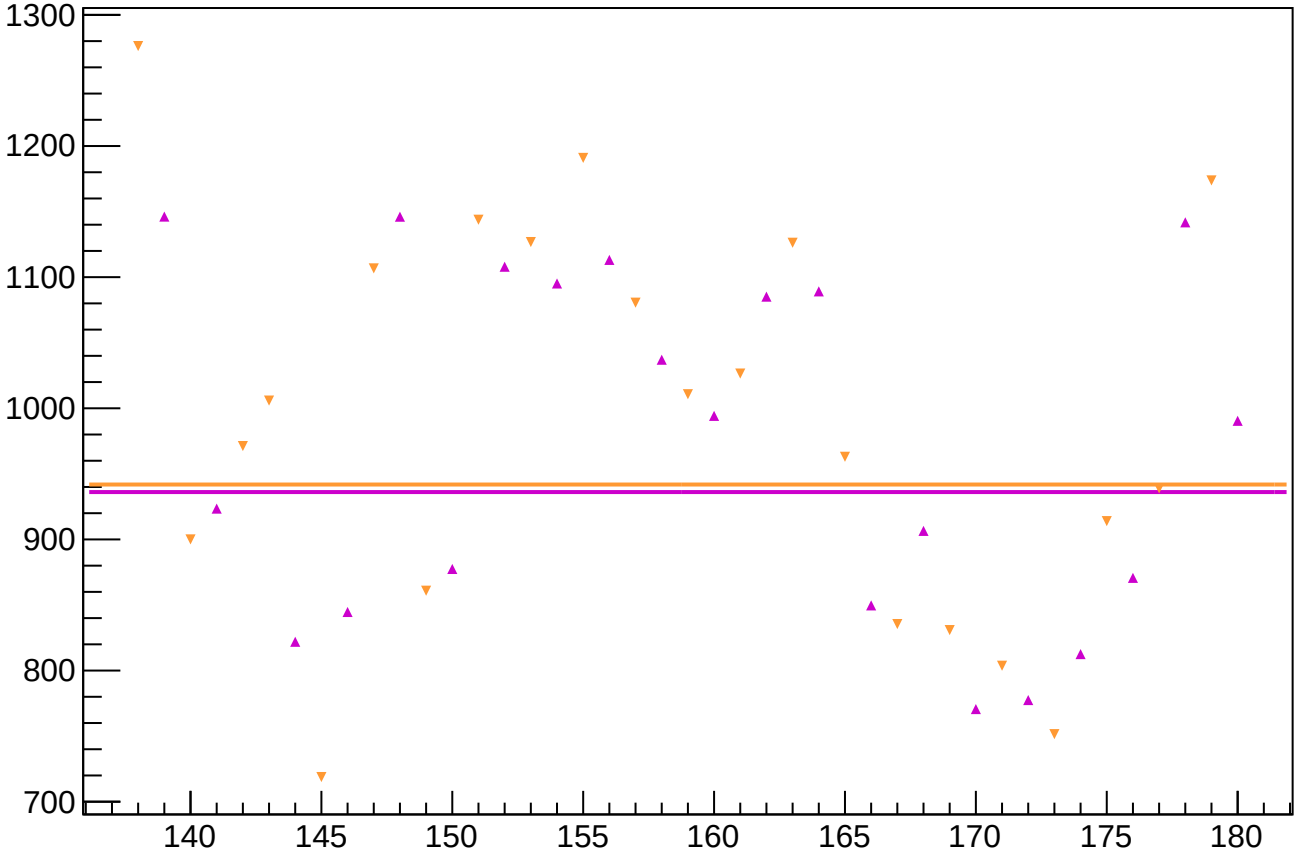
Left In: -193.533+/-232.444 χ^2/NDF:23.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -653.625+/-165.103 χ^2/NDF: 73.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_correction_rms vs Slug



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

Left Out: 941.869+/-0.166 χ^2/NDF:810453.9/21

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

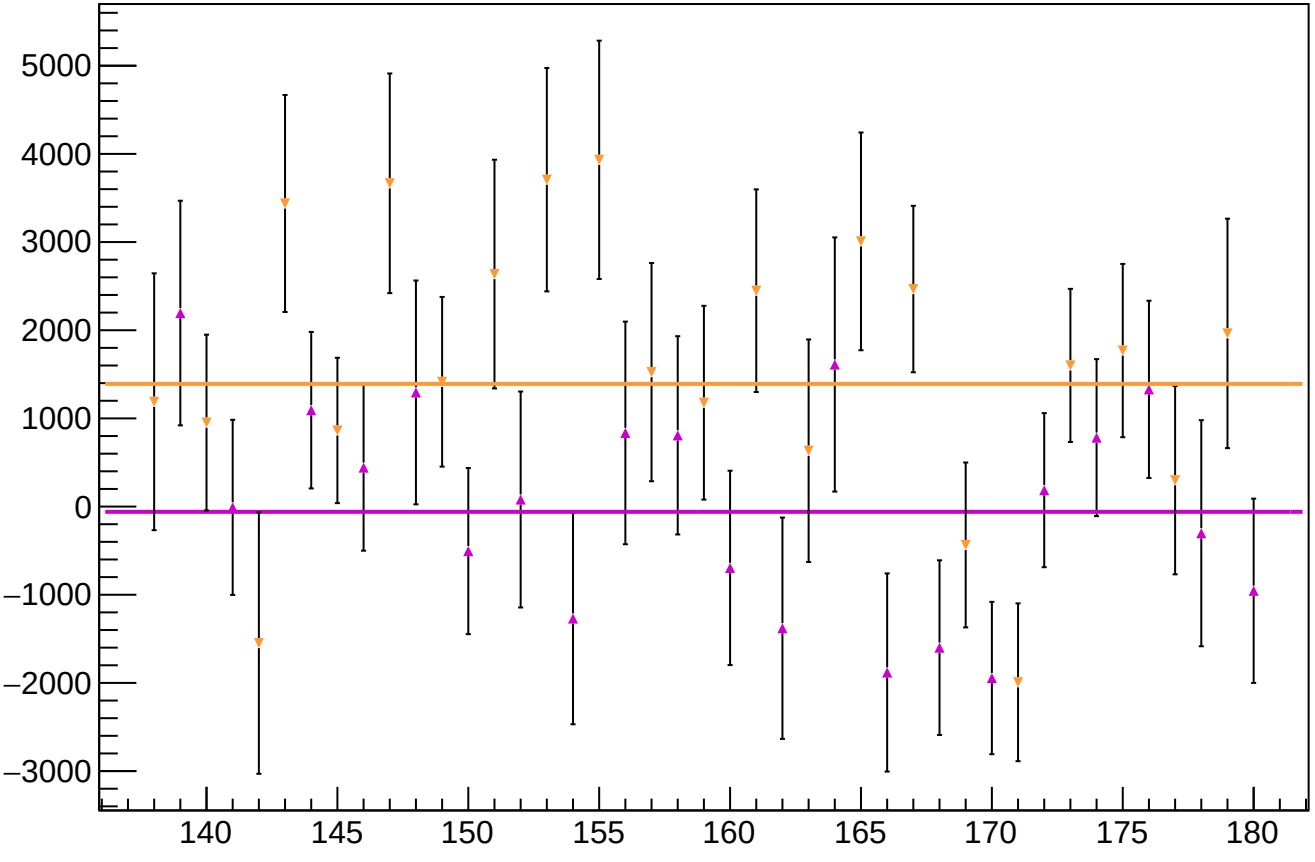
Left In: 936.114+/-0.164 χ^2/NDF:606692.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 938.965+/-0.117 χ^2/NDF: 1417754.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_mean vs Slug



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

Left Out: 1391.614+/-232.999 χ^2/NDF:42.3/21

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

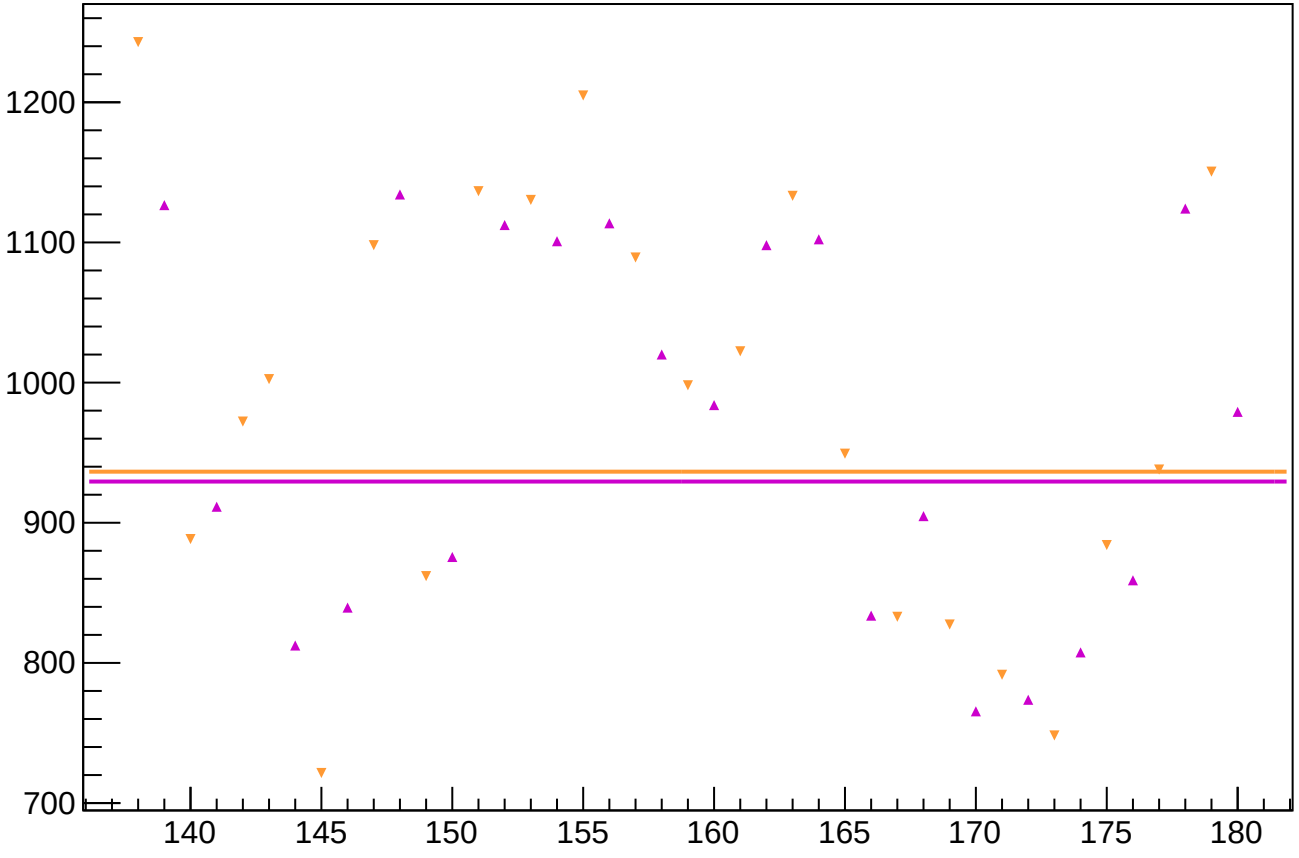
Left In: -59.483+/-231.071 χ^2/NDF:24.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 660.036+/-164.069 χ^2/NDF: 86.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_48_dd_rms vs Slug



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

Left Out: 936.455+/-0.165 χ^2/NDF:809346.2/21

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

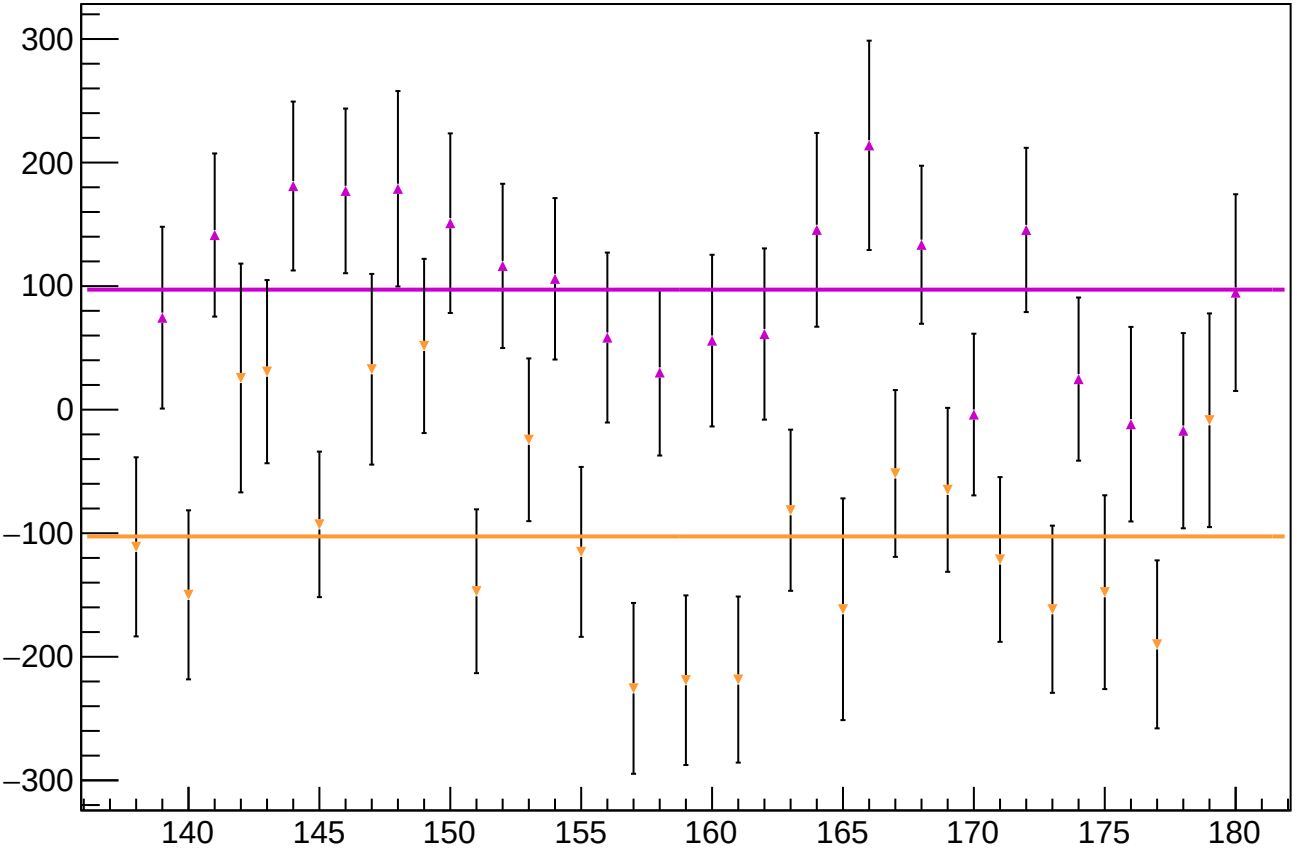
Left In: 929.399+/-0.163 χ^2/NDF:620304.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 932.898+/-0.116 χ^2/NDF: 1430575.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



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

Left Out: -102.598+/-15.017 χ^2/NDF:29.9/21

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

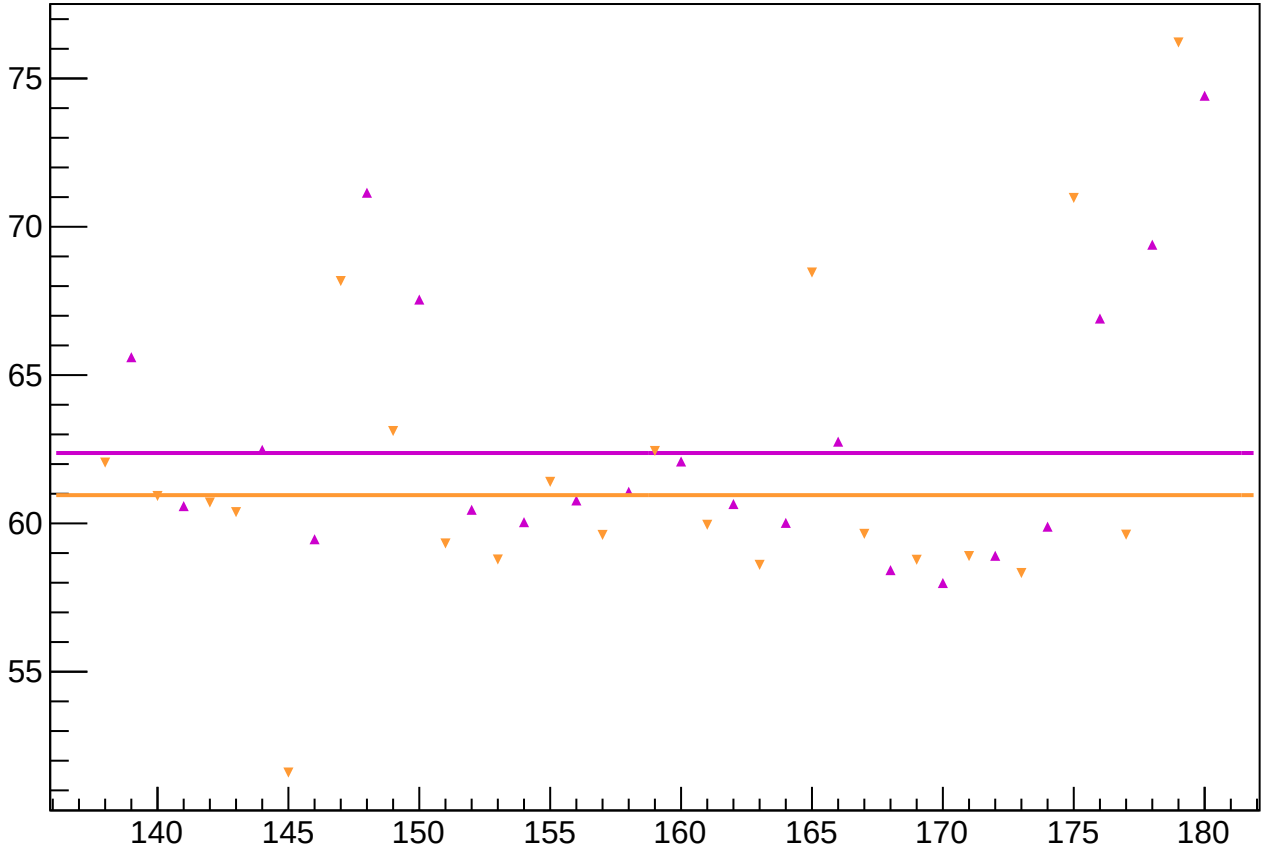
Left In: 97.146+/-15.383 χ^2/NDF:17.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.130+/-10.746 χ^2/NDF: 134.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



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

Left Out: 60.953+/-0.011 χ^2/NDF:196086.4/21

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

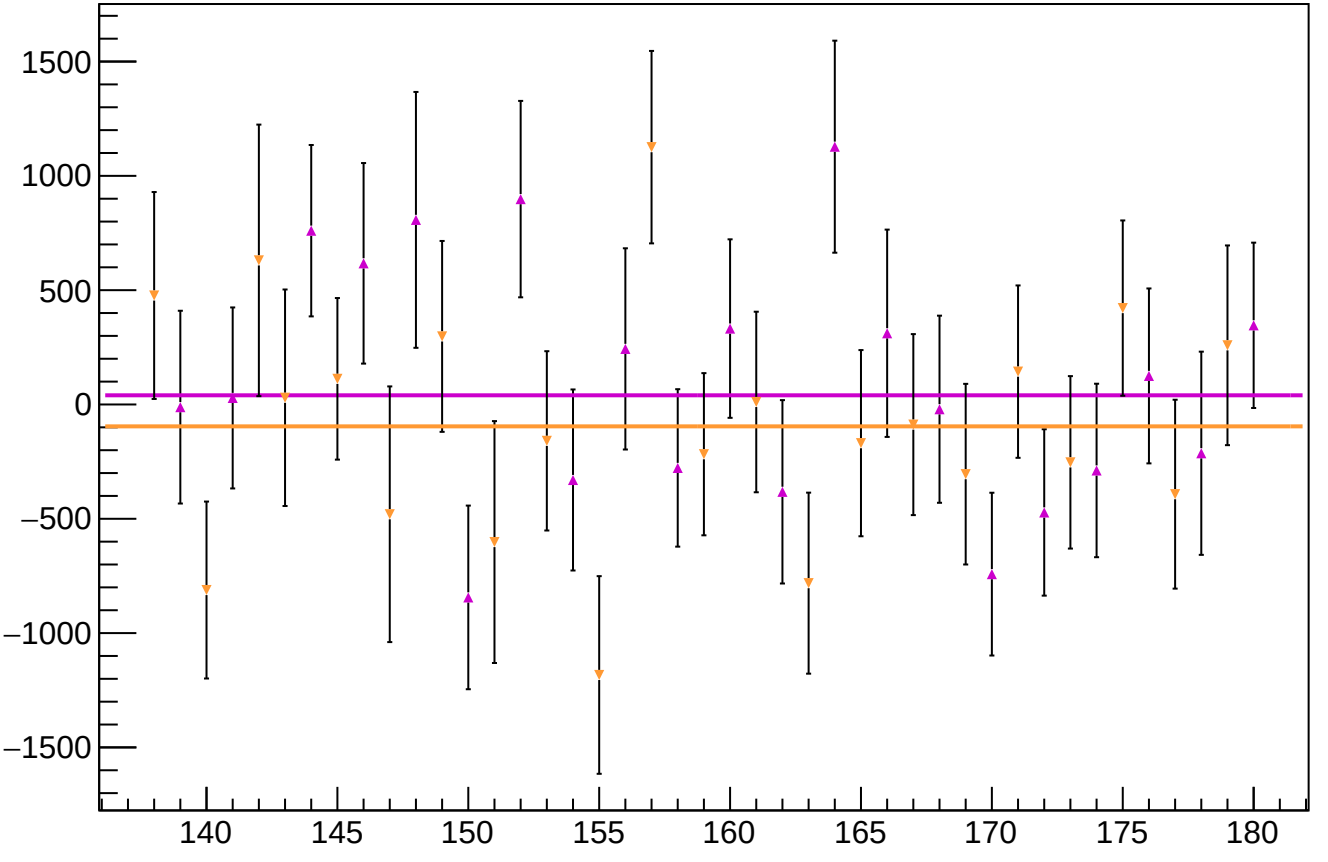
Left In: 62.373+/-0.011 χ^2/NDF:146094.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 61.646+/-0.008 χ^2/NDF: 350909.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_correction_mean vs Slug



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

Left Out: -95.730+/-88.249 χ^2/NDF:31.1/21

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

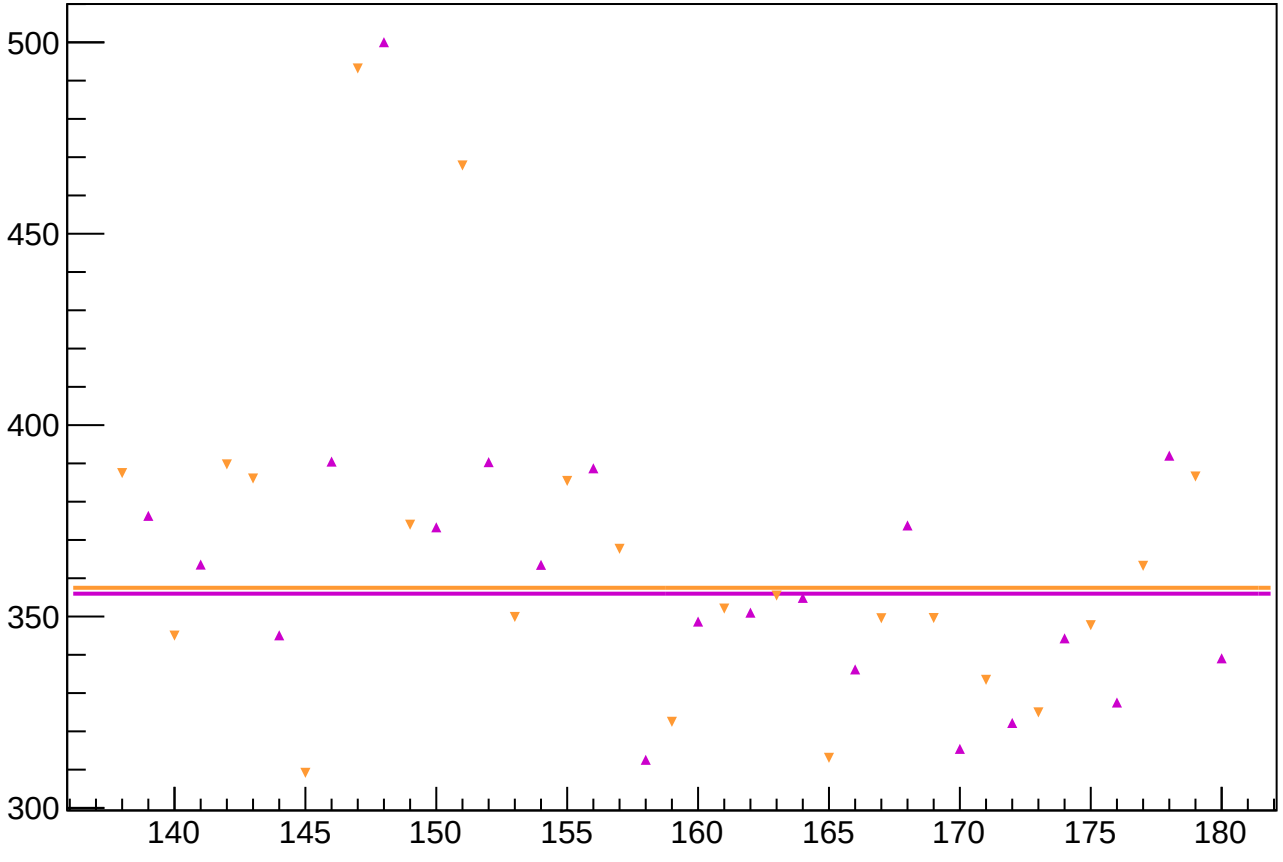
Left In: 40.131+/-87.940 χ^2/NDF:34.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -27.561+/-62.292 χ^2/NDF: 66.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_correction_rms vs Slug



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

Left Out: 357.508+/-0.062 χ^2/NDF:358442.6/21

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

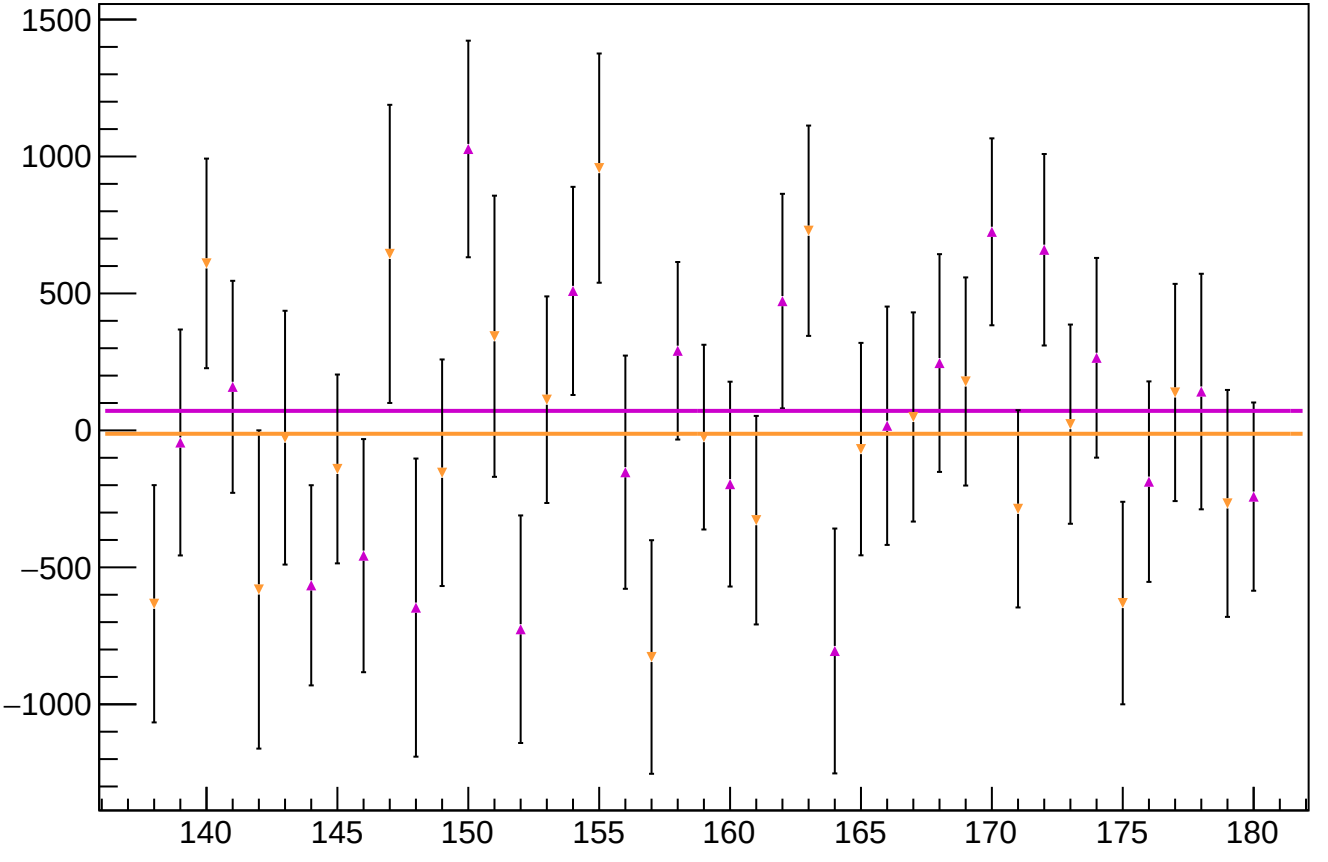
Left In: 355.968+/-0.062 χ^2/NDF:294346.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 356.735+/-0.044 χ^2/NDF: 653094.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_mean vs Slug



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

Left Out: -12.340+/-85.388 χ^2/NDF:25.6/21

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

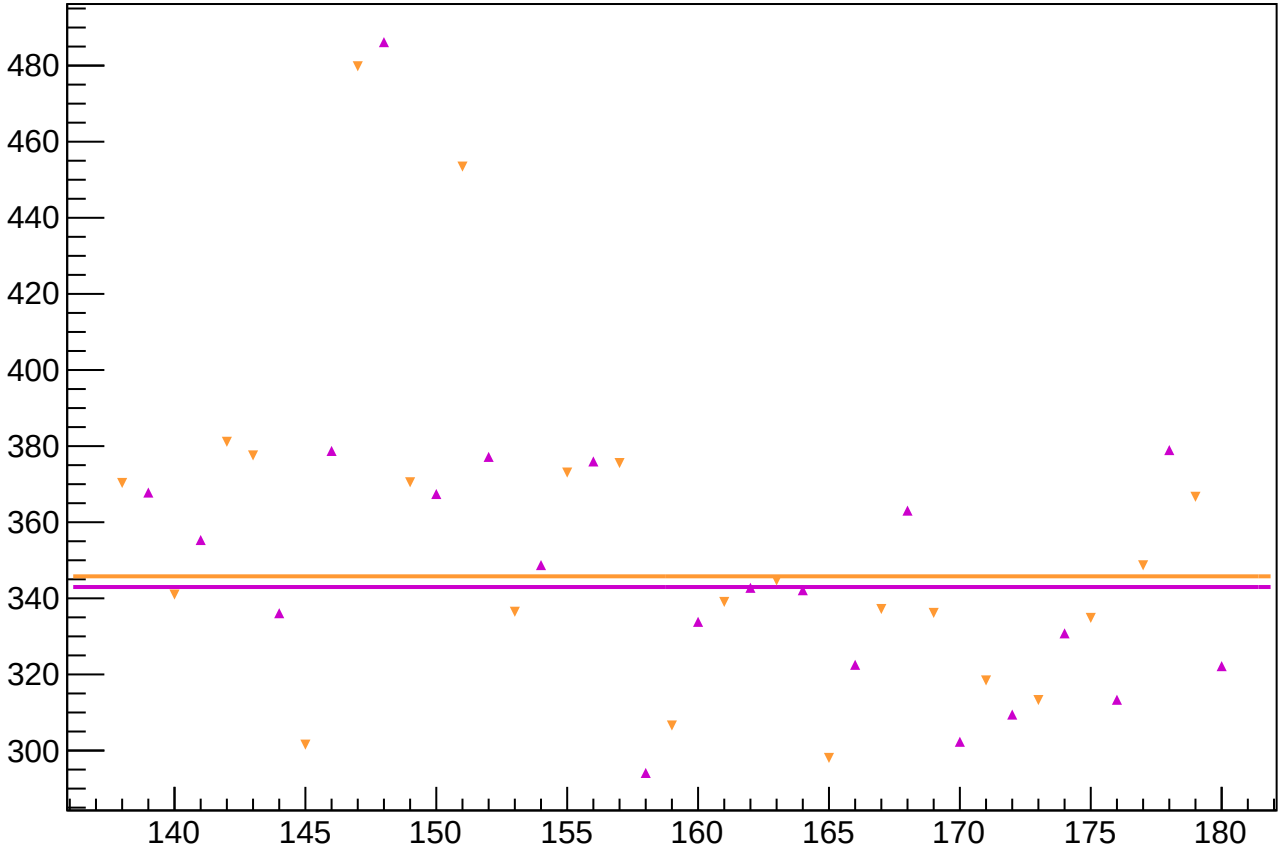
Left In: 71.257+/-84.810 χ^2/NDF:31.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 29.742+/-60.173 χ^2/NDF: 57.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_rms vs Slug



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

Left Out: 345.782+/-0.060 χ^2/NDF:387120.3/21

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

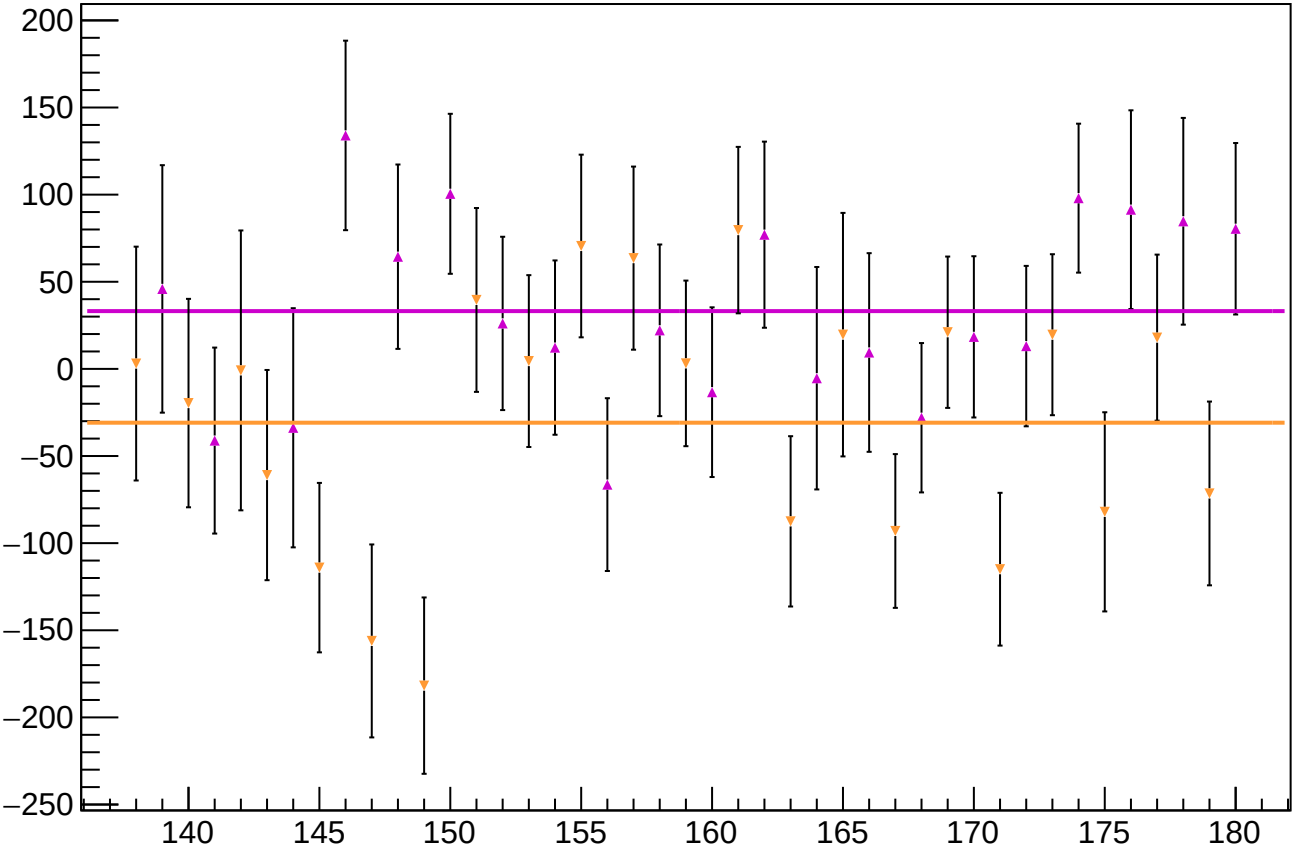
Left In: 342.973+/-0.060 χ^2/NDF:335889.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 344.368+/-0.043 χ^2/NDF: 724098.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



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

Left Out: -30.878+/-11.035 χ^2/NDF:45.3/21

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

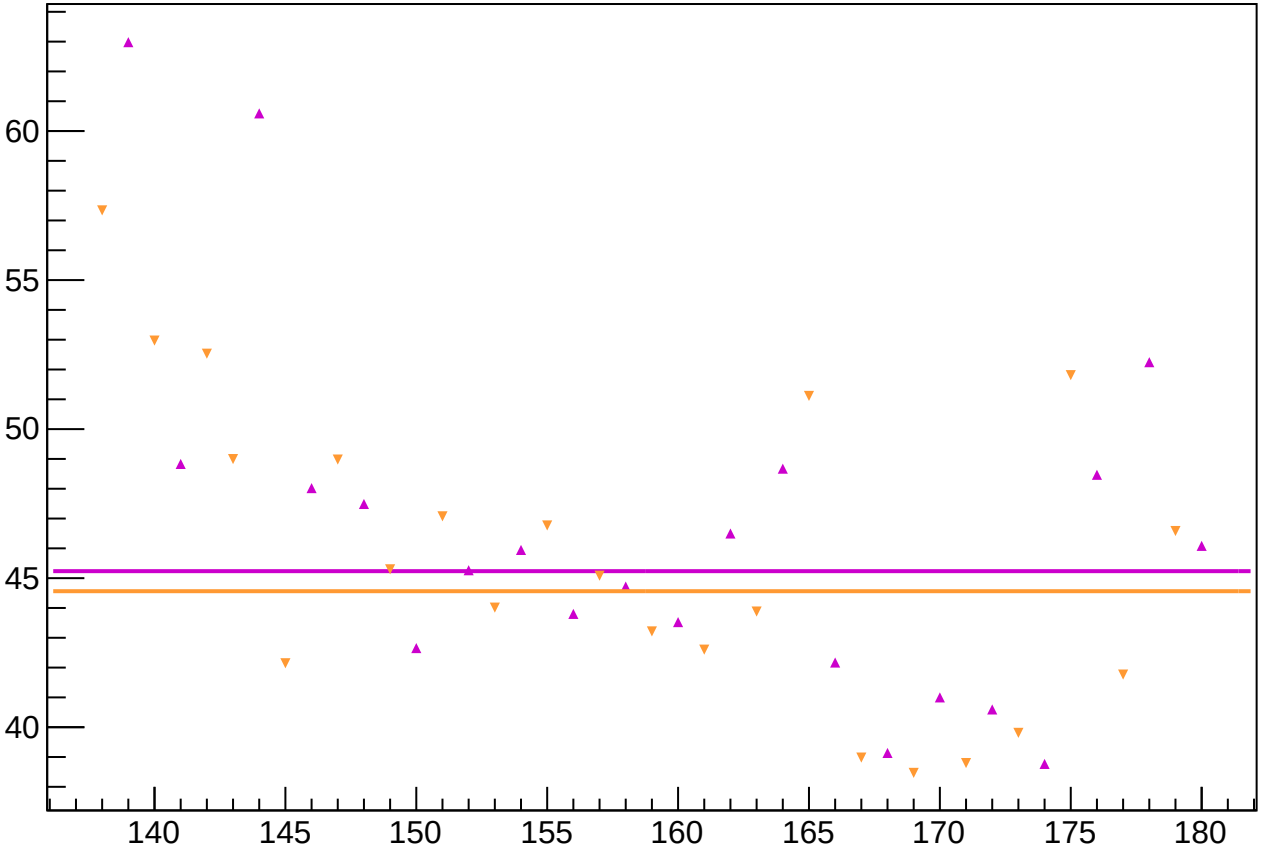
Left In: 33.161+/-11.239 χ^2/NDF:22.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.553+/-7.874 χ^2/NDF: 84.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 44.563+/-0.008 χ^2/NDF:361241.3/21

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

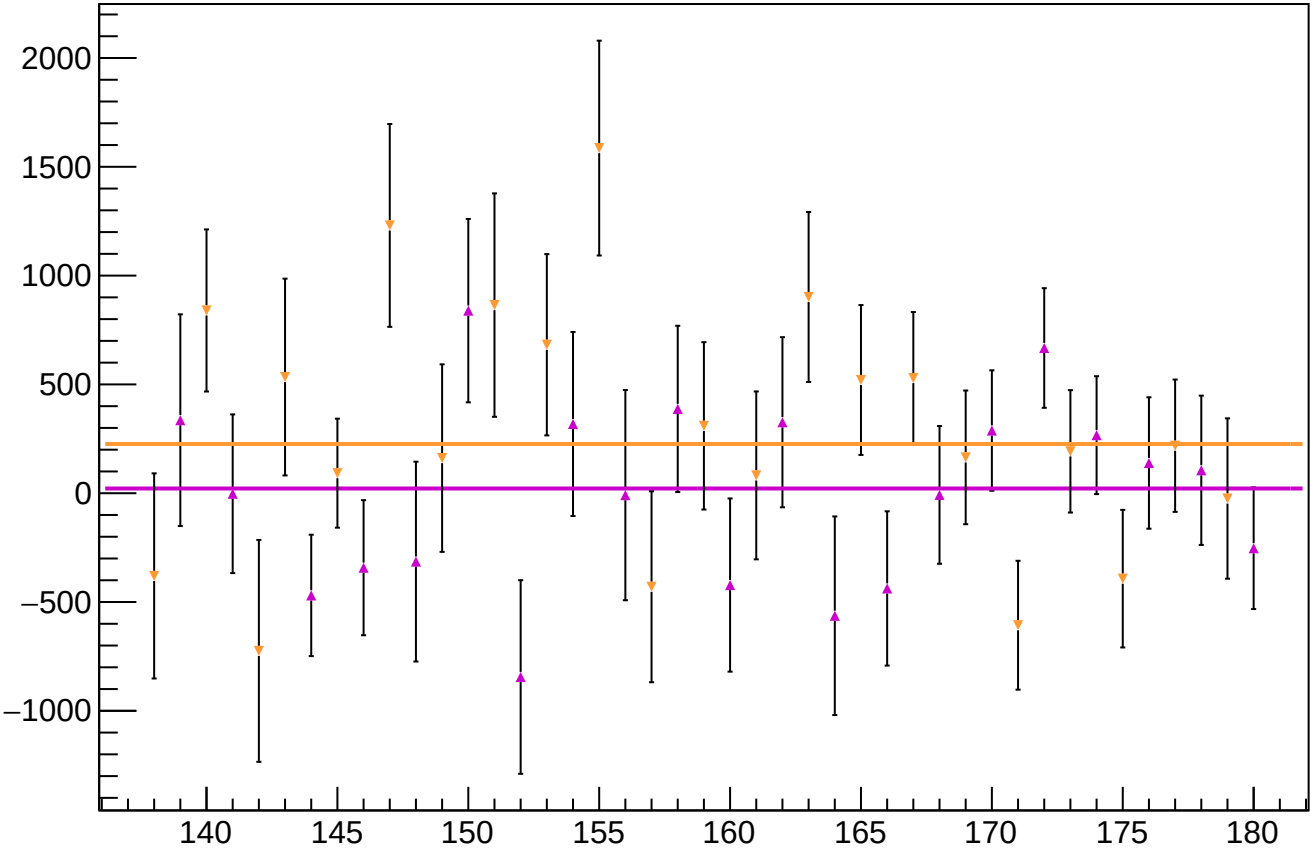
Left In: 45.235+/-0.008 χ^2/NDF:425130.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 44.893+/-0.006 χ^2/NDF: 790016.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_correction_mean vs Slug



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

Left Out: 226.182+/-77.287 χ^2/NDF:43.0/21

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

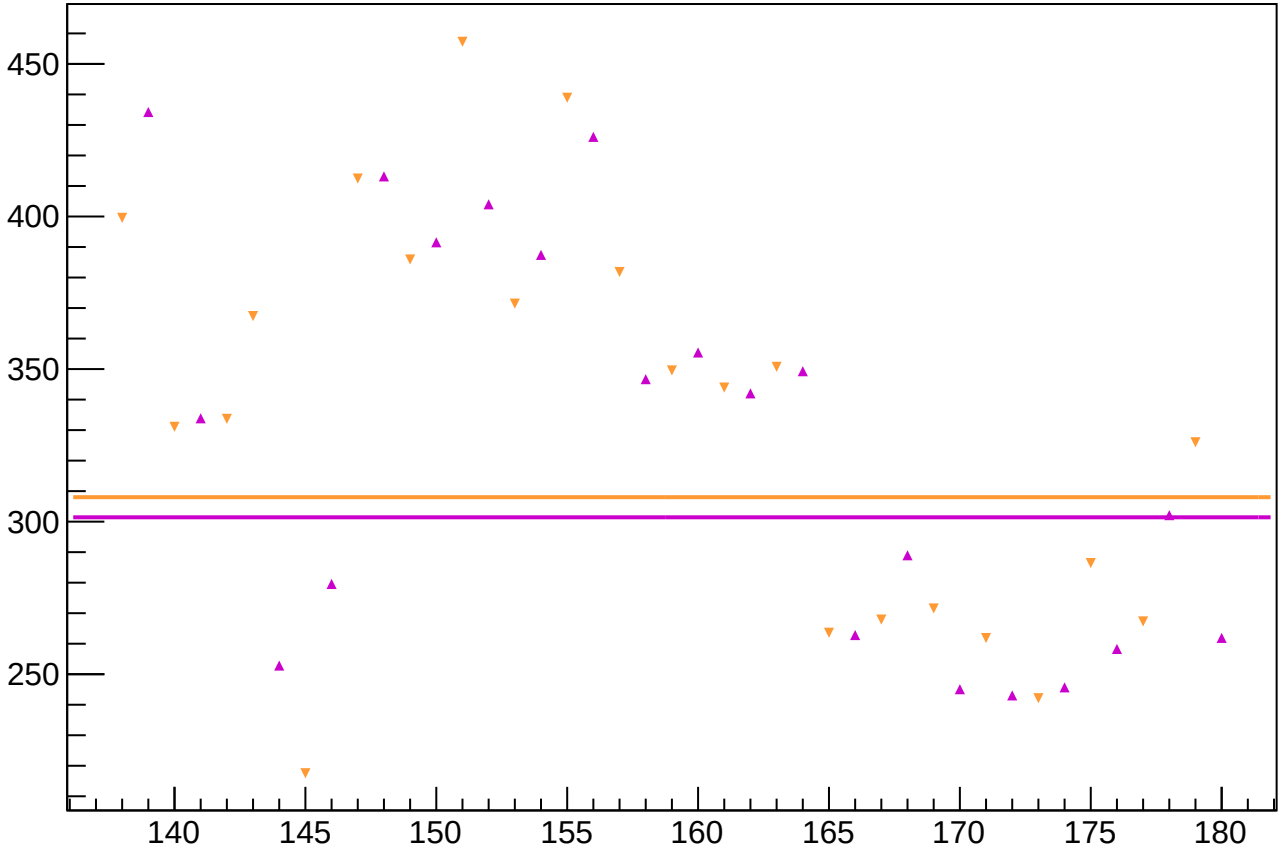
Left In: 21.673+/-75.609 χ^2/NDF:28.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 121.684+/-54.047 χ^2/NDF: 74.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_correction_rms vs Slug



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

Left Out: 308.014+/-0.055 χ^2/NDF:1331362.3/21

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

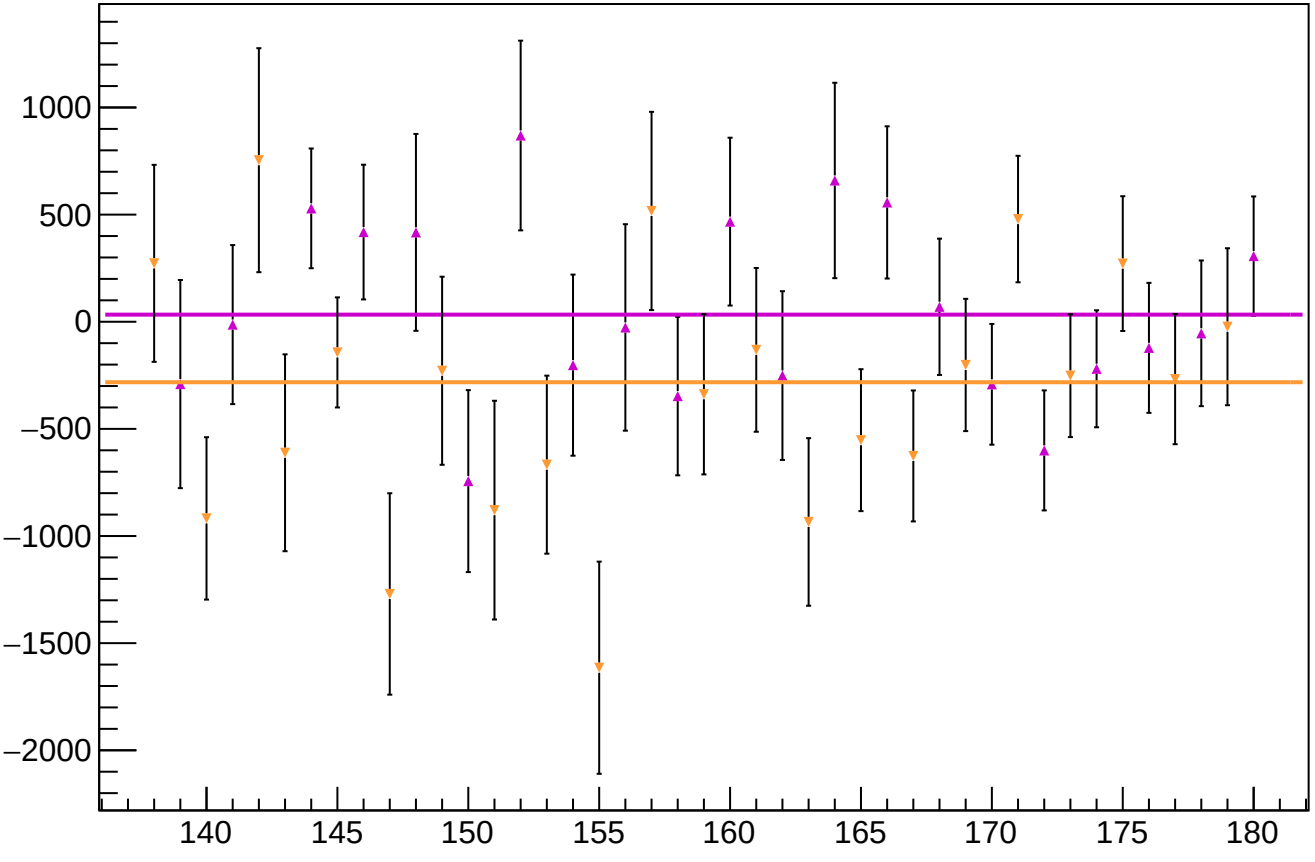
Left In: 301.425+/-0.053 χ^2/NDF:1241548.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 304.647+/-0.038 χ^2/NDF: 2580339.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -282.286+/-77.565 χ^2/NDF:41.1/21

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

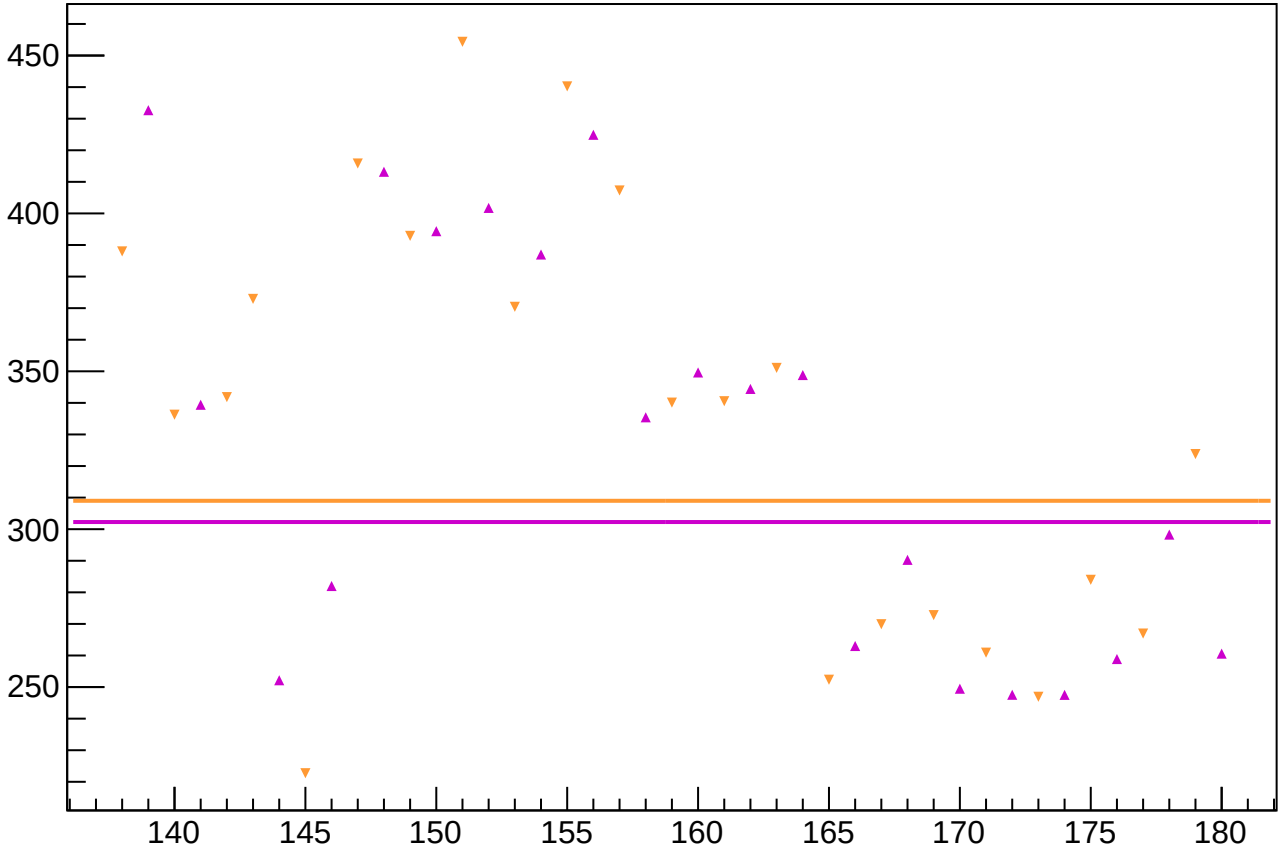
Left In: 33.188+/-75.850 χ^2/NDF:28.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -121.024+/-54.230 χ^2/NDF: 78.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 308.994+/-0.055 χ^2/NDF:1325052.4/21

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

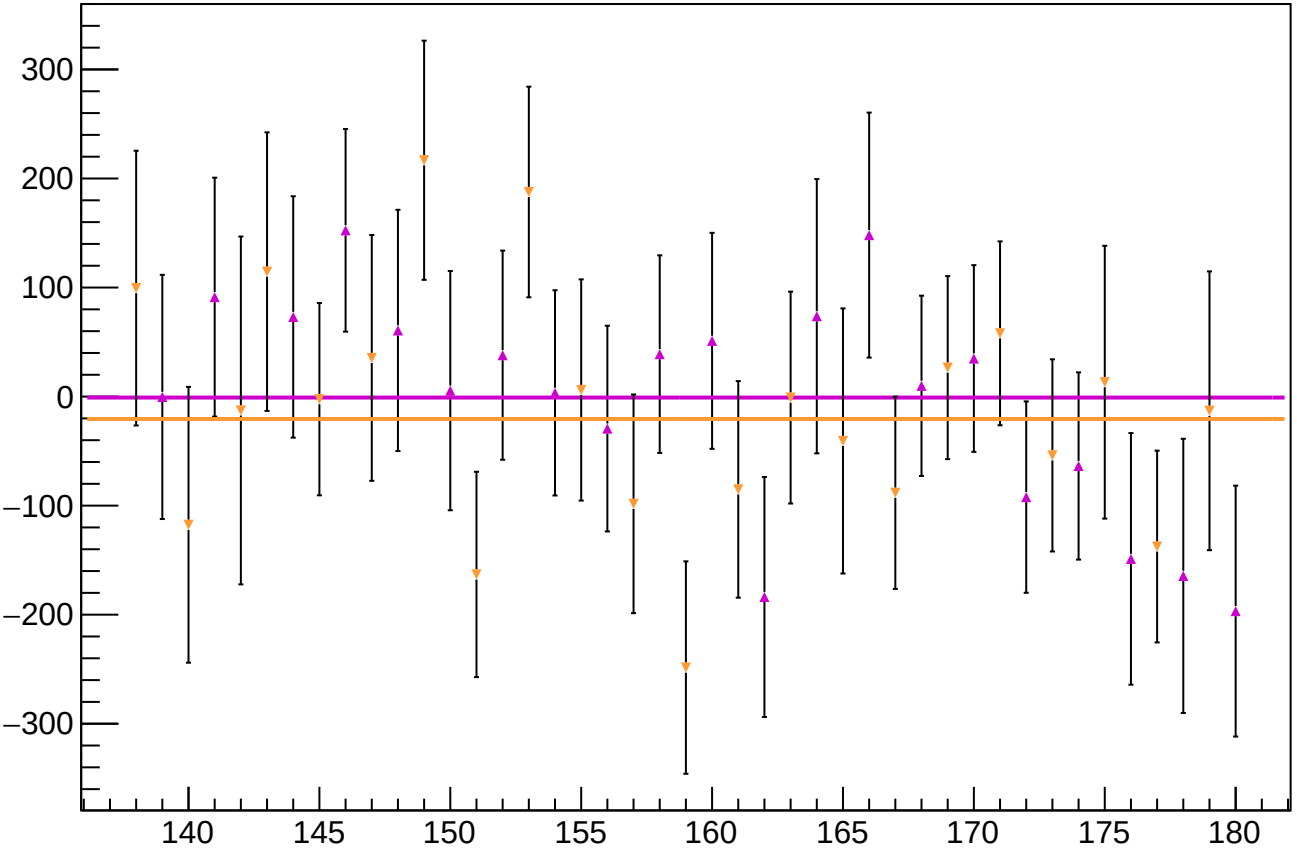
Left In: 302.266+/-0.054 χ^2/NDF:1187854.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 305.555+/-0.038 χ^2/NDF: 2520598.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



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

Left Out: -20.544+/-21.780 χ^2/NDF:24.9/21

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

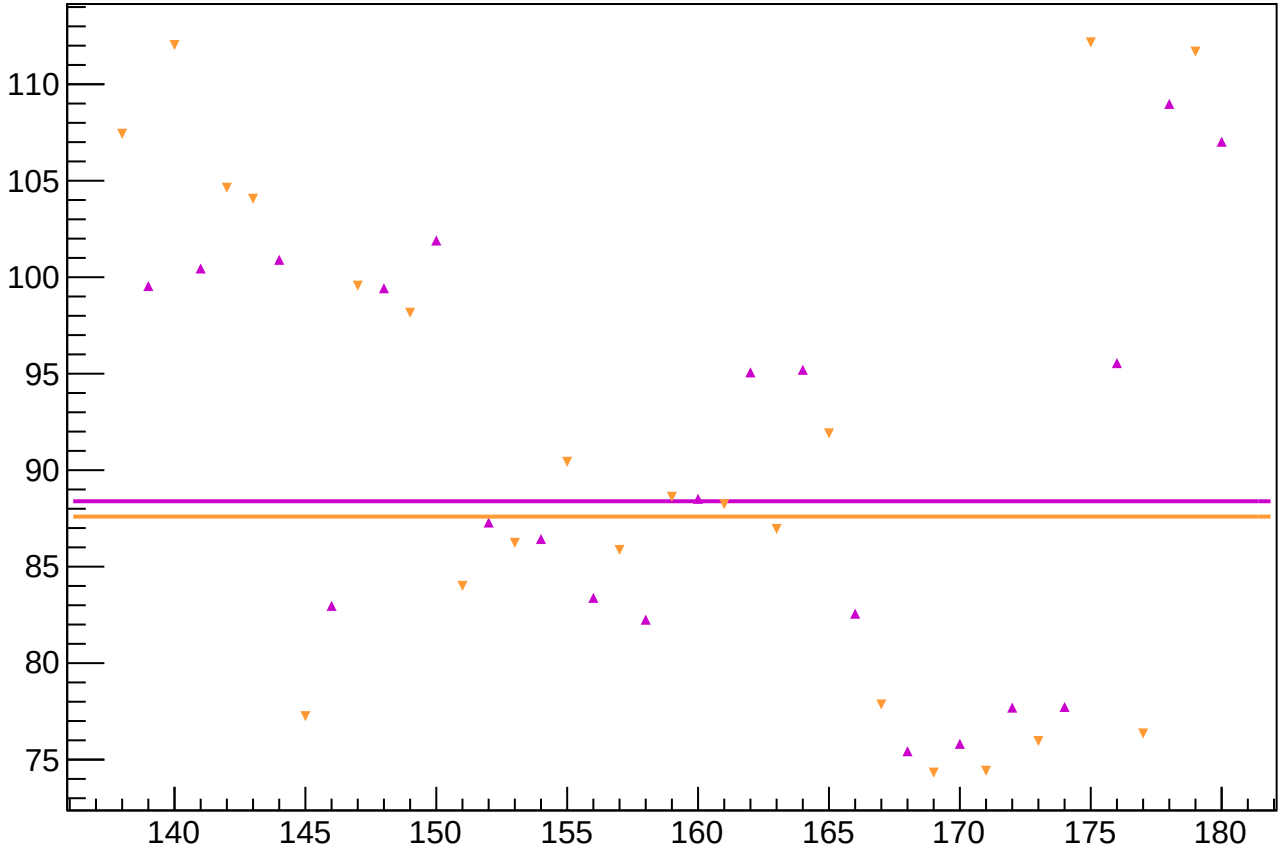
Left In: -0.886+/-21.978 χ^2/NDF:17.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.804+/-15.470 χ^2/NDF: 43.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug



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

Left Out: 87.595+/-0.015 χ^2/NDF:596261.1/21

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

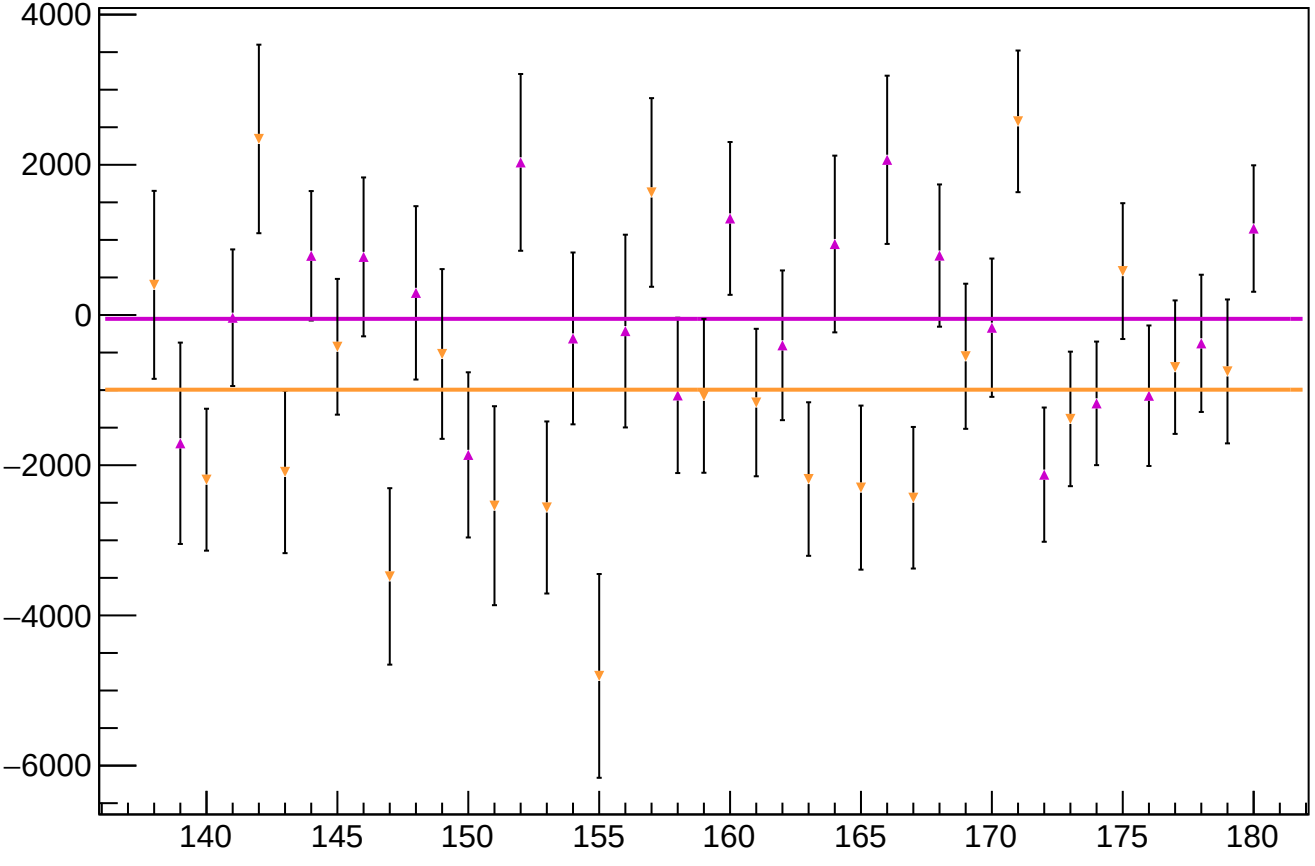
Left In: 88.389+/-0.016 χ^2/NDF:427859.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 87.988+/-0.011 χ^2/NDF: 1025439.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_correction_mean vs Slug



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

Left Out: -994.415+/-221.296 χ^2/NDF:54.6/21

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

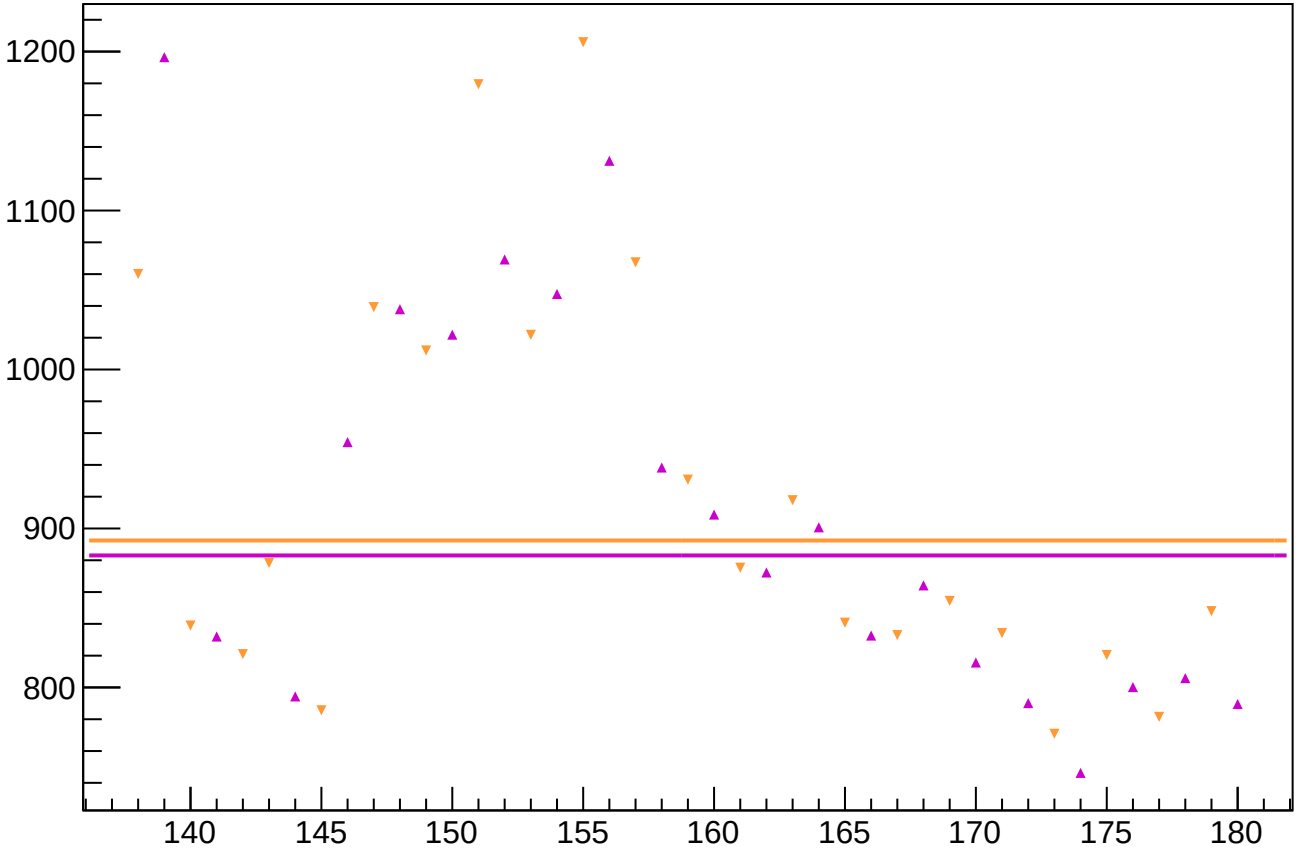
Left In: -51.161+/-218.858 χ^2/NDF:27.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -517.564+/-155.611 χ^2/NDF: 91.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_correction_rms vs Slug



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

Left Out: 892.450+/-0.156 χ^2/NDF:508472.4/21

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

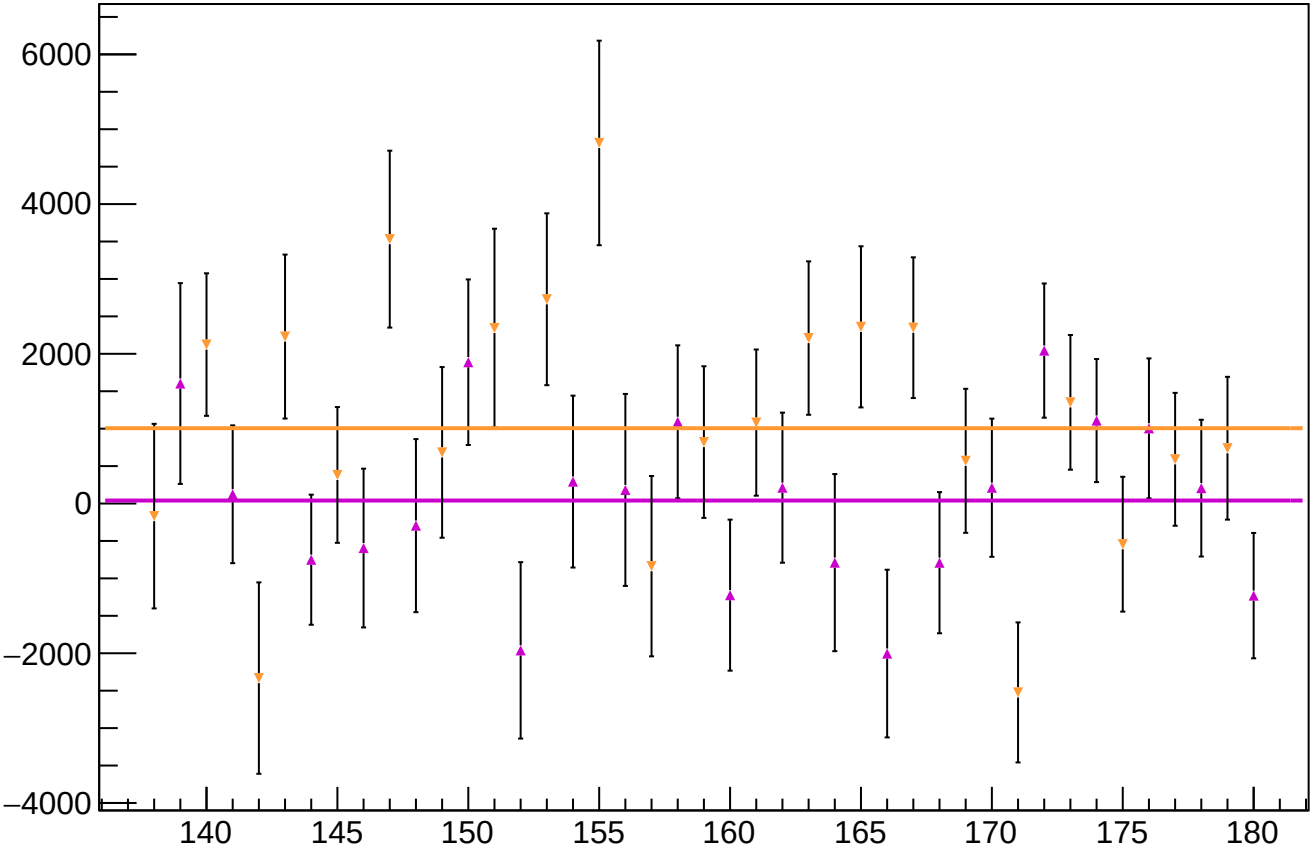
Left In: 883.037+/-0.155 χ^2/NDF:534747.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 887.691+/-0.110 χ^2/NDF: 1045049.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_mean vs Slug



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

Left Out: 1006.192+/-220.895 χ^2/NDF:51.8/21

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

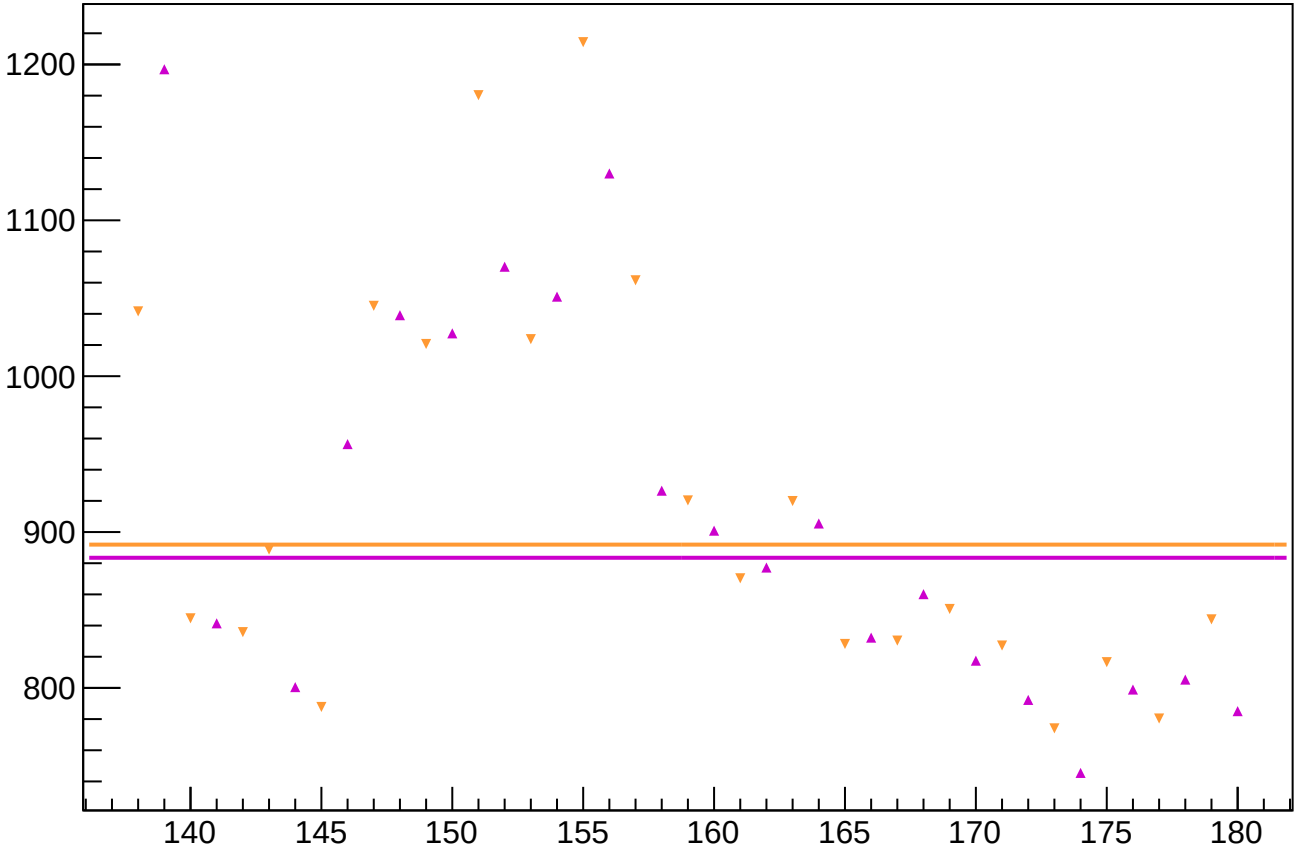
Left In: 39.995+/-219.025 χ^2/NDF:25.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 518.986+/-155.531 χ^2/NDF: 87.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_24_68_dd_rms vs Slug



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

Left Out: 891.942+/-0.156 χ^2/NDF:513603.6/21

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

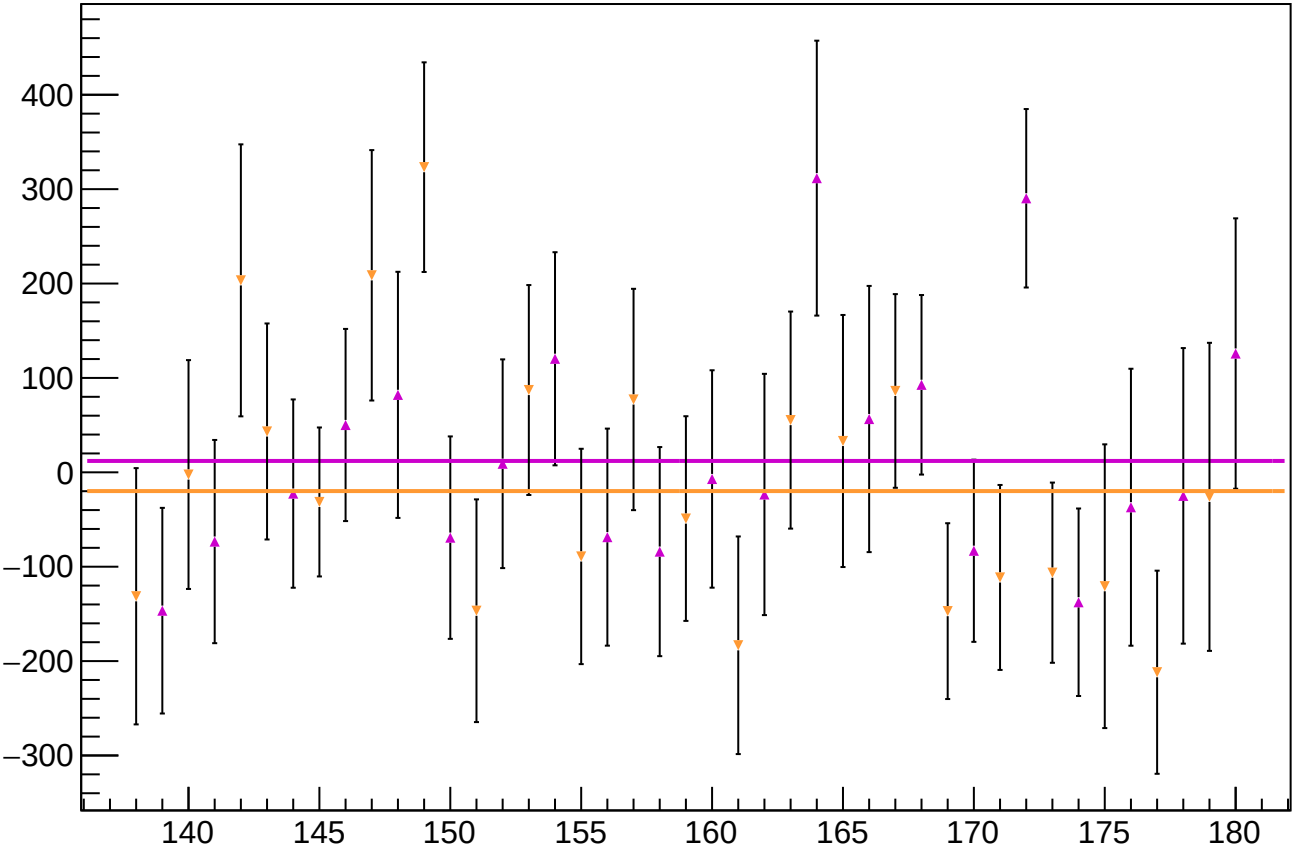
Left In: 883.497+/-0.155 χ^2/NDF:534303.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 887.684+/-0.110 χ^2/NDF: 1049381.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



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

Left Out: -19.878+/-24.028 χ^2/NDF:30.0/21

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

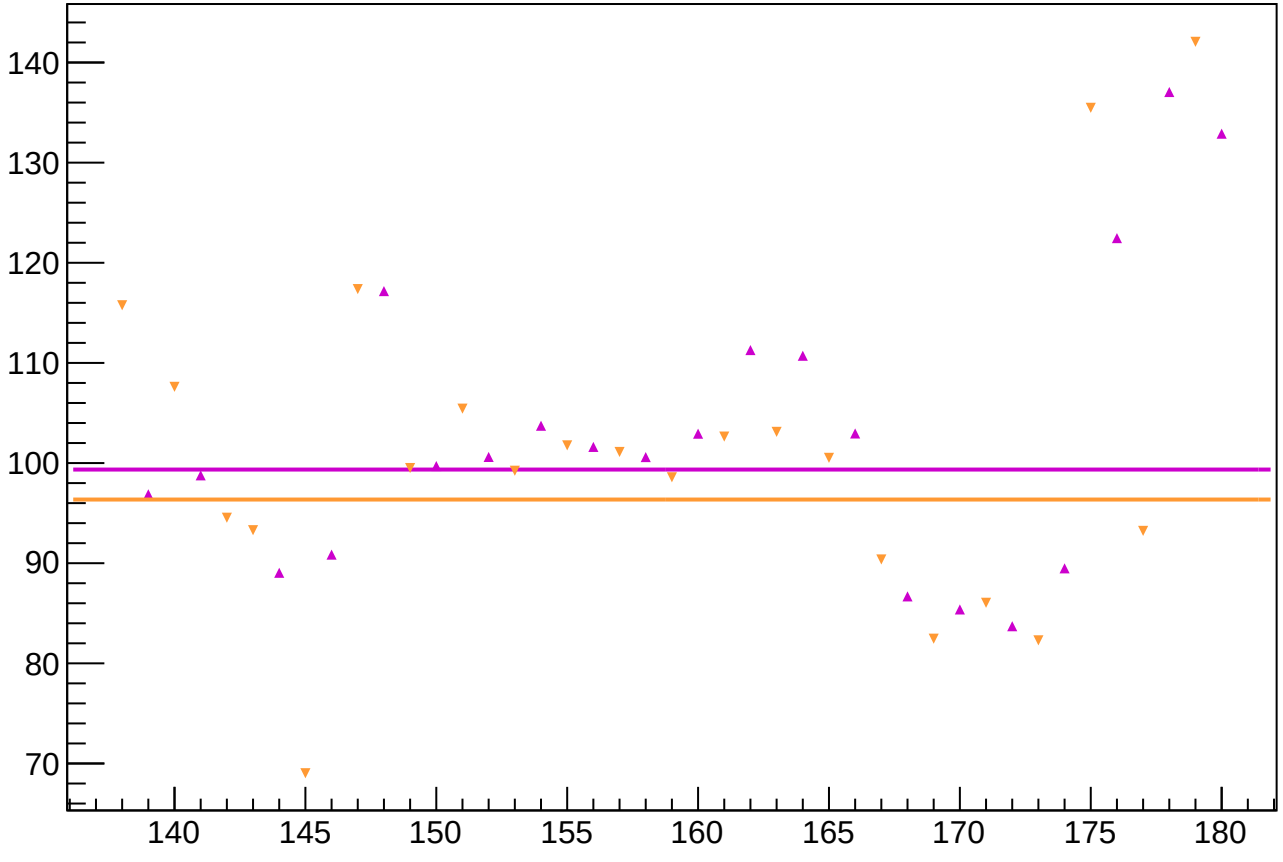
Left In: 12.048+/-24.754 χ^2/NDF:23.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.390+/-17.242 χ^2/NDF: 54.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 96.358+/-0.017 χ^2/NDF:799062.7/21

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

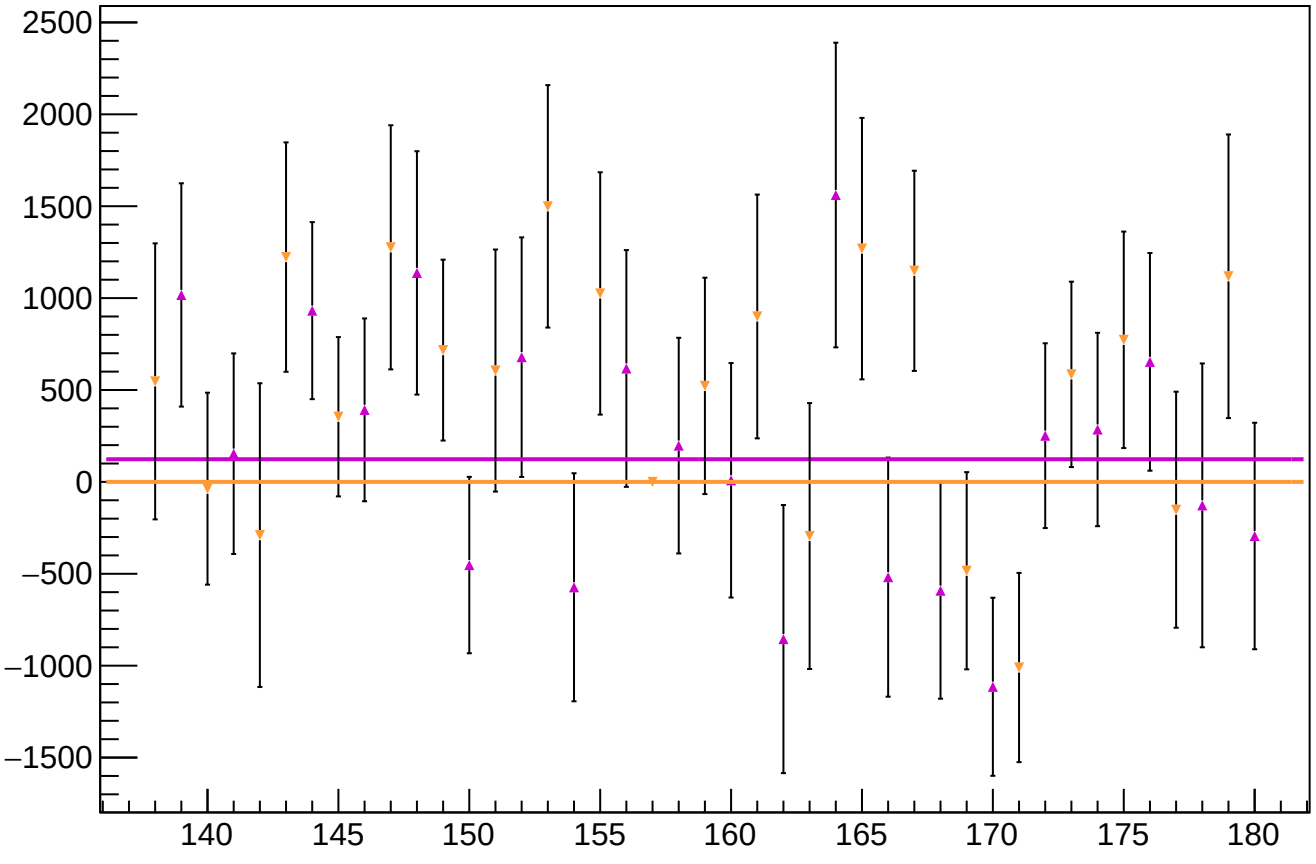
Left In: 99.352+/-0.018 χ^2/NDF:538010.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 97.810+/-0.012 χ^2/NDF: 1352136.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_correction_mean vs Slug



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

Left Out: -0.000+/-0.000 χ^2/NDF:39.7/21

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

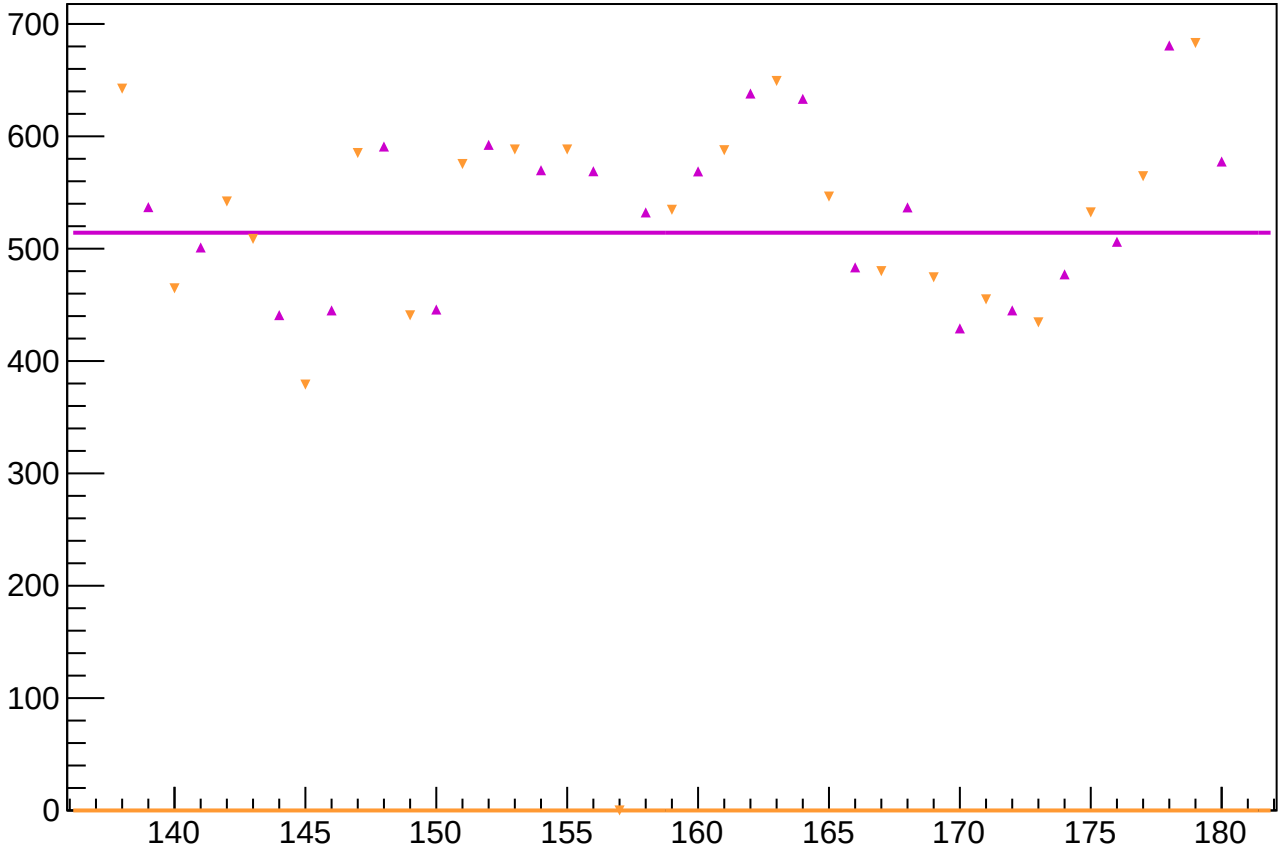
Left In: 123.269+/-127.667 χ^2/NDF:27.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.000+/-0.000 χ^2/NDF: 67.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_correction_rms vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF:31552506.3/21

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

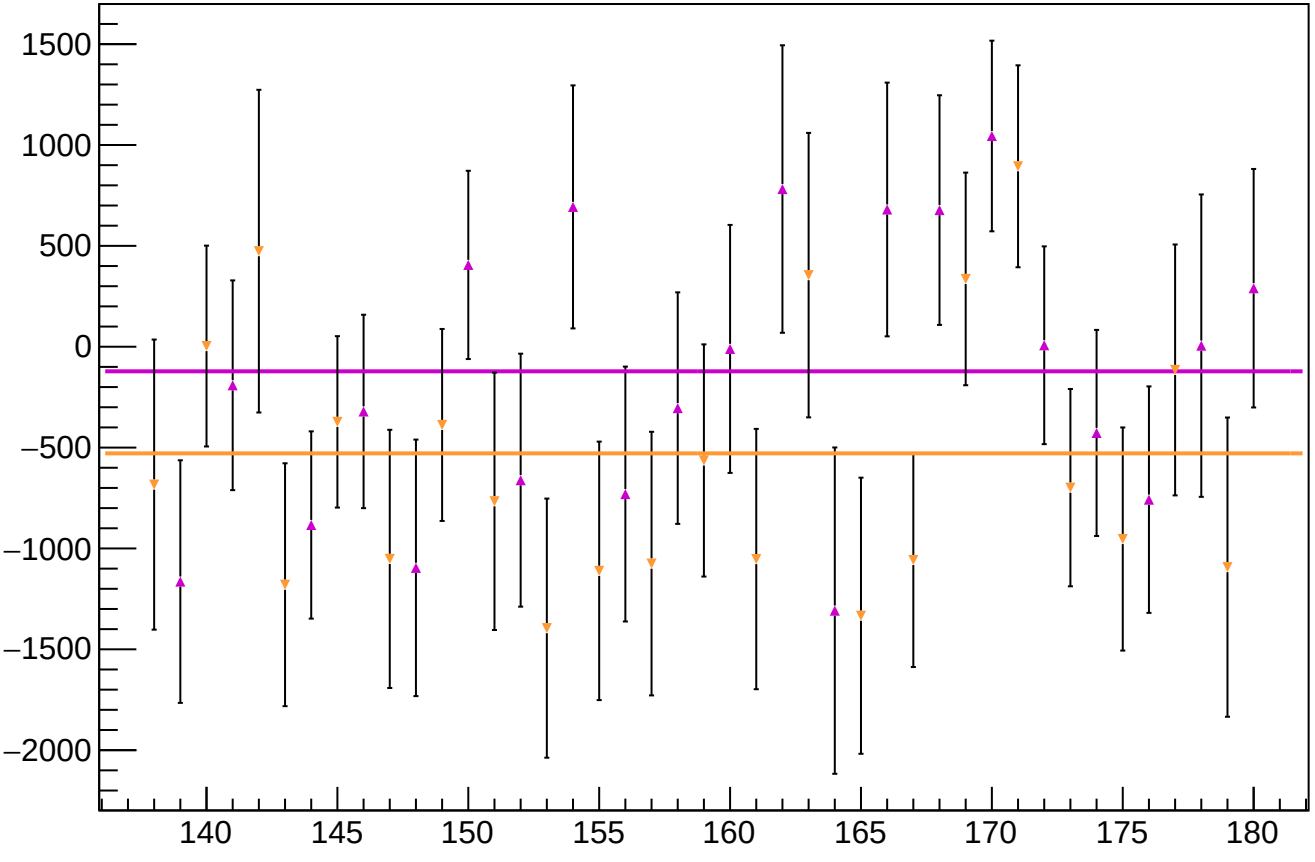
Left In: 514.210+/-0.090 χ^2/NDF:562960.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 64560991.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_mean vs Slug



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

Left Out: -528.629+/-124.120 χ^2/NDF:25.4/21

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

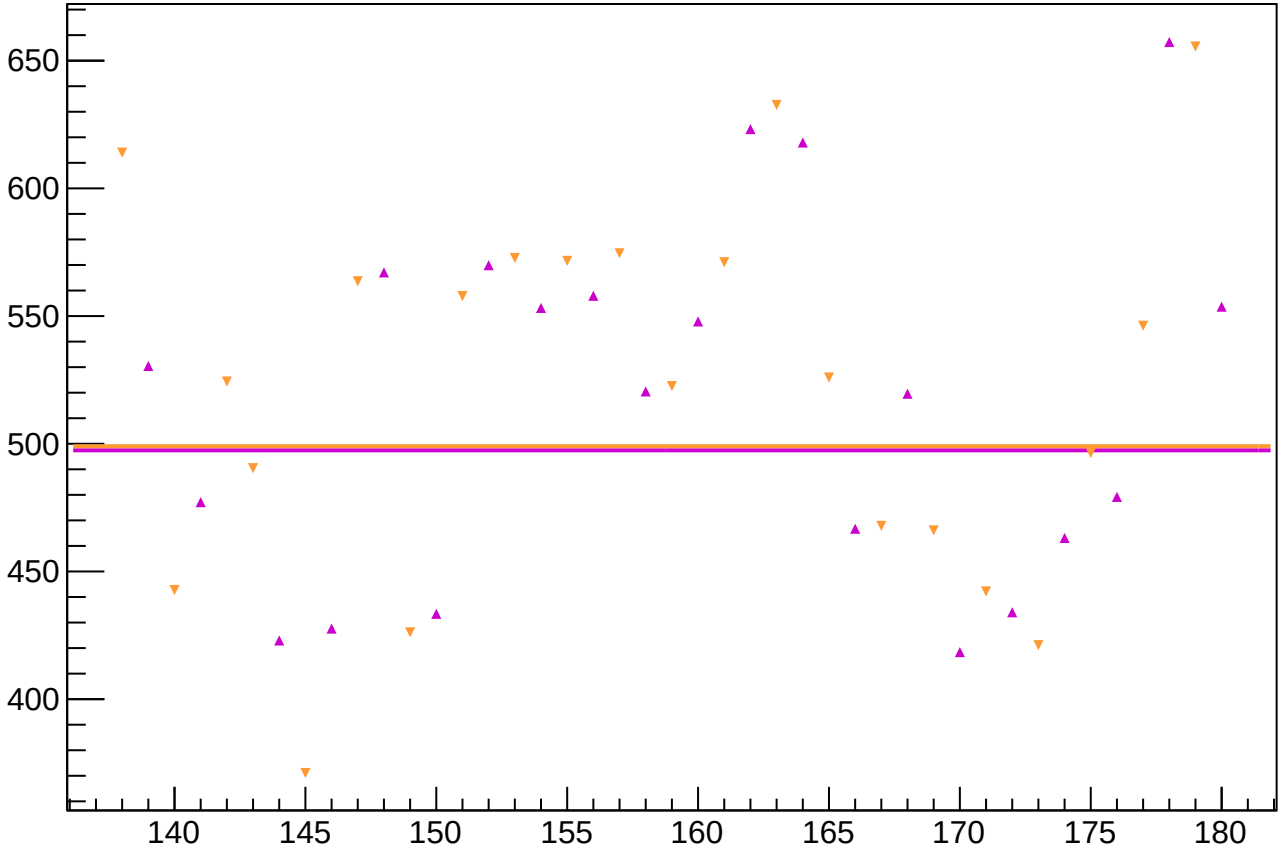
Left In: -121.887+/-123.643 χ^2/NDF:28.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -324.476+/-87.597 χ^2/NDF: 59.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_rms vs Slug



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

Left Out: 499.052+/-0.088 χ^2/NDF:718591.0/21

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

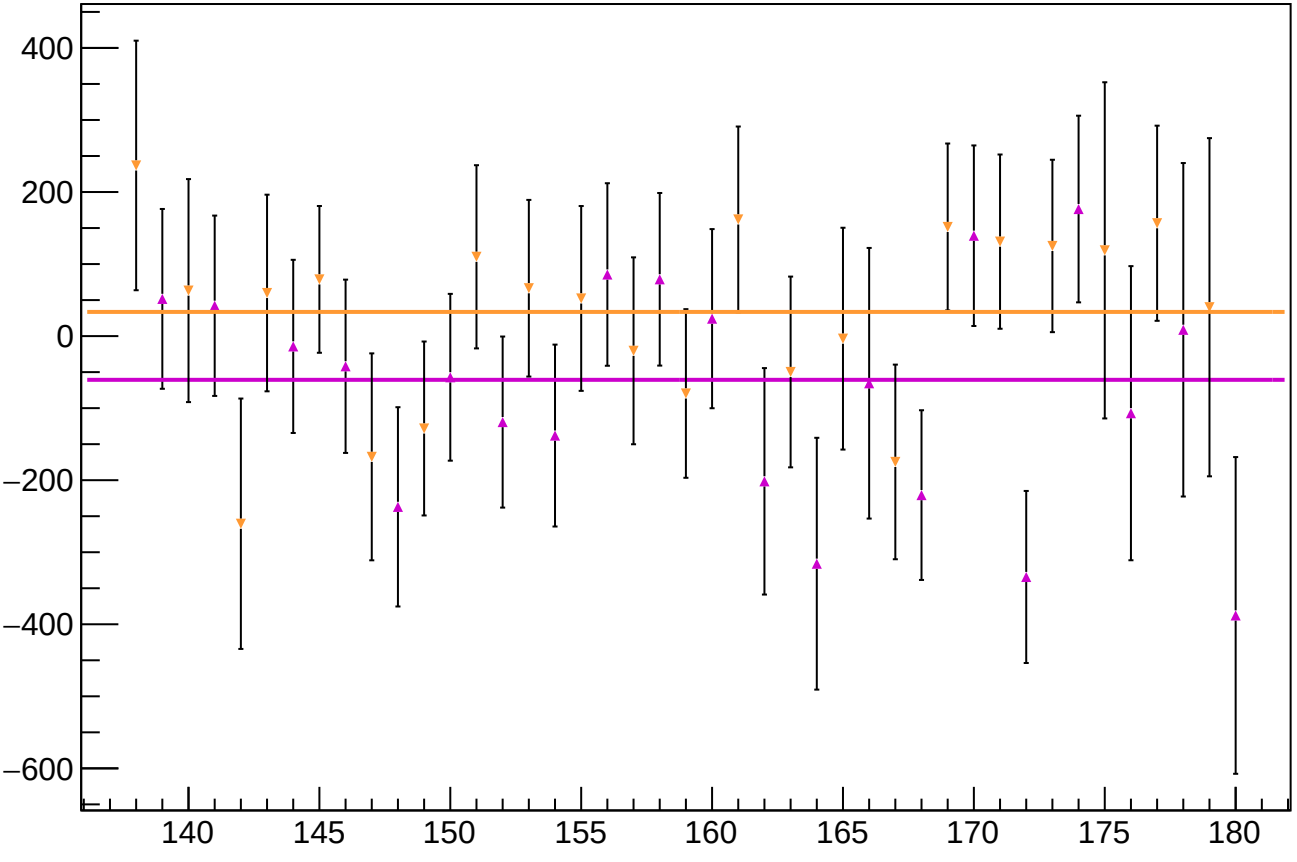
Left In: 497.433+/-0.087 χ^2/NDF:567585.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 498.239+/-0.062 χ^2/NDF: 1286347.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 33.578+/-28.691 χ^2/NDF:16.9/21

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

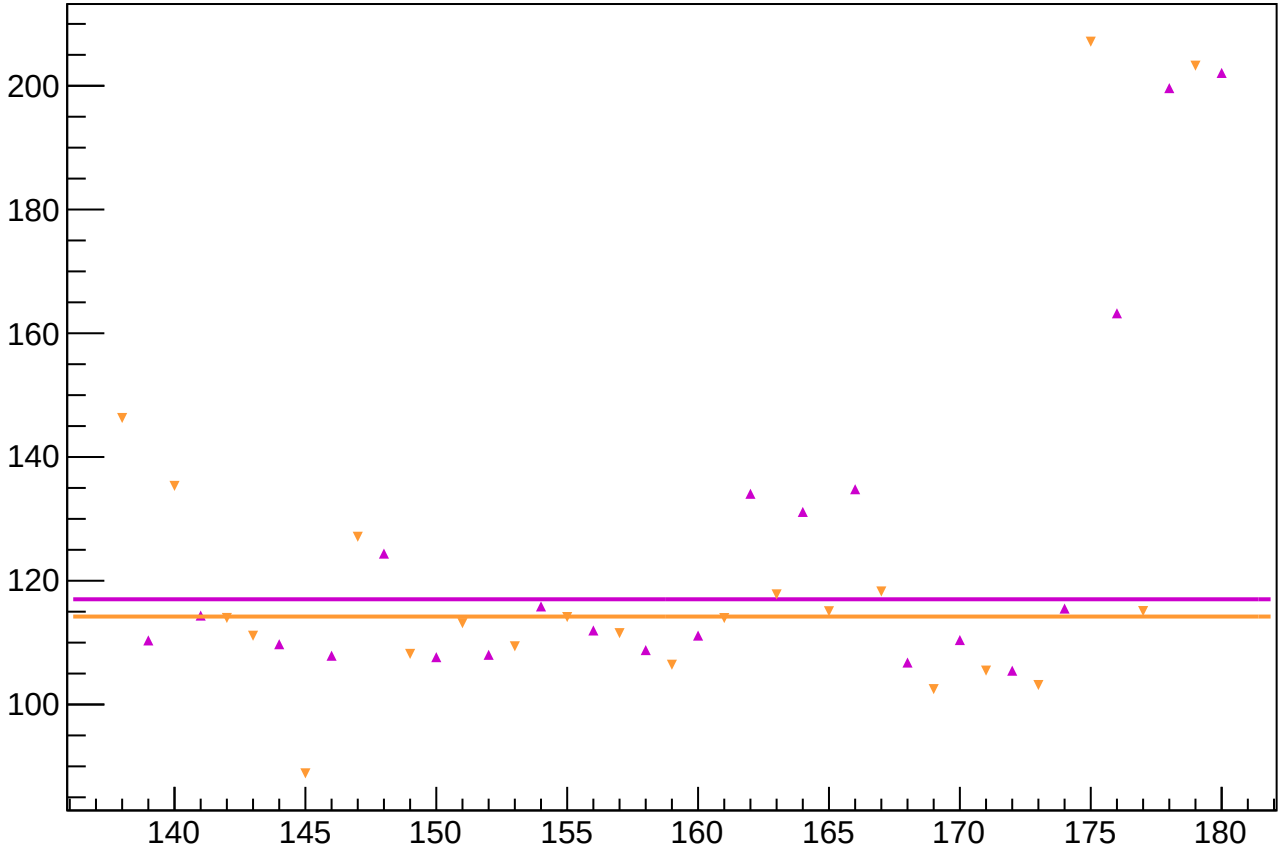
Left In: -60.681+/-29.437 χ^2/NDF:25.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.341+/-20.546 χ^2/NDF: 47.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 114.213+/-0.020 χ^2/NDF:921160.5/21

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

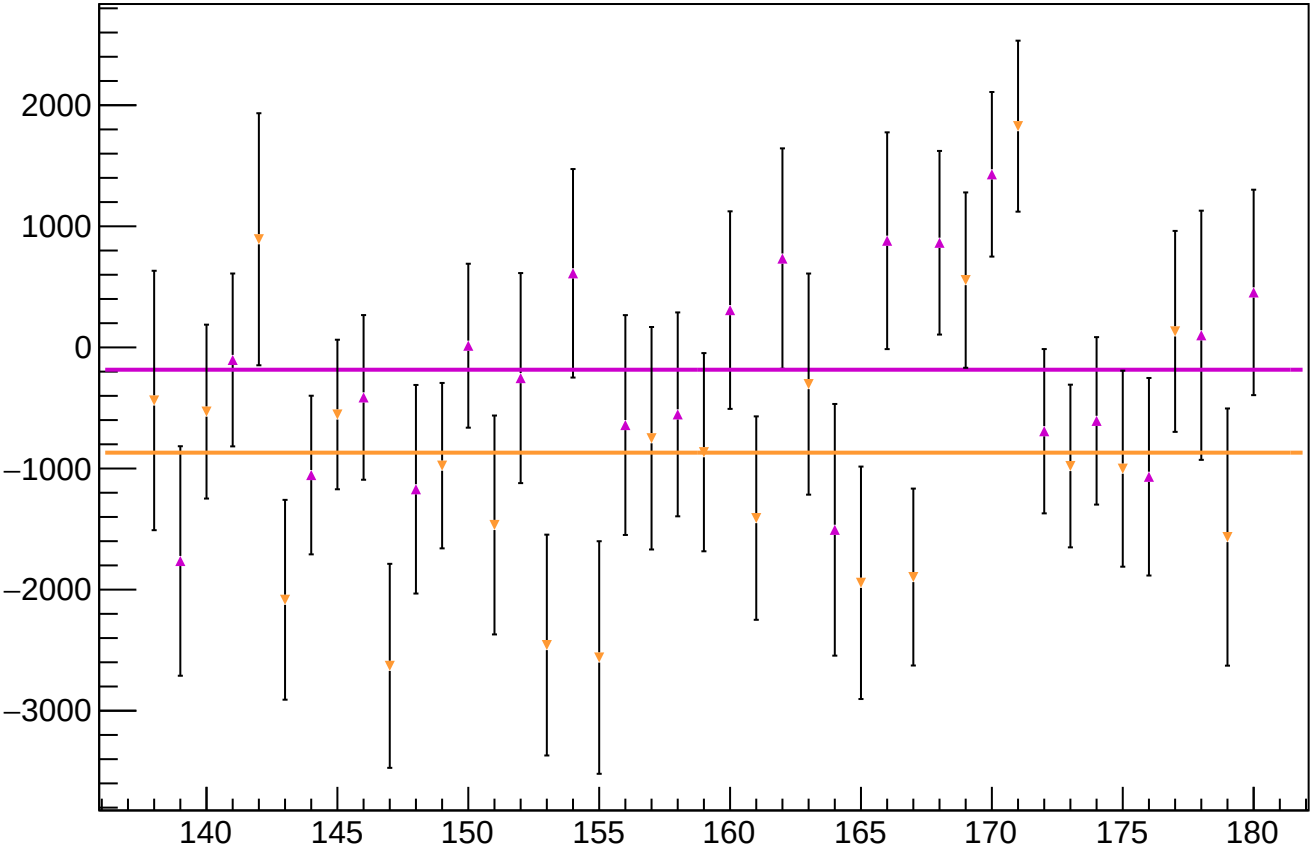
Left In: 117.005+/-0.021 χ^2/NDF:823748.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 115.573+/-0.015 χ^2/NDF: 1754134.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -869.019+/-173.698 χ^2/NDF:41.1/21

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

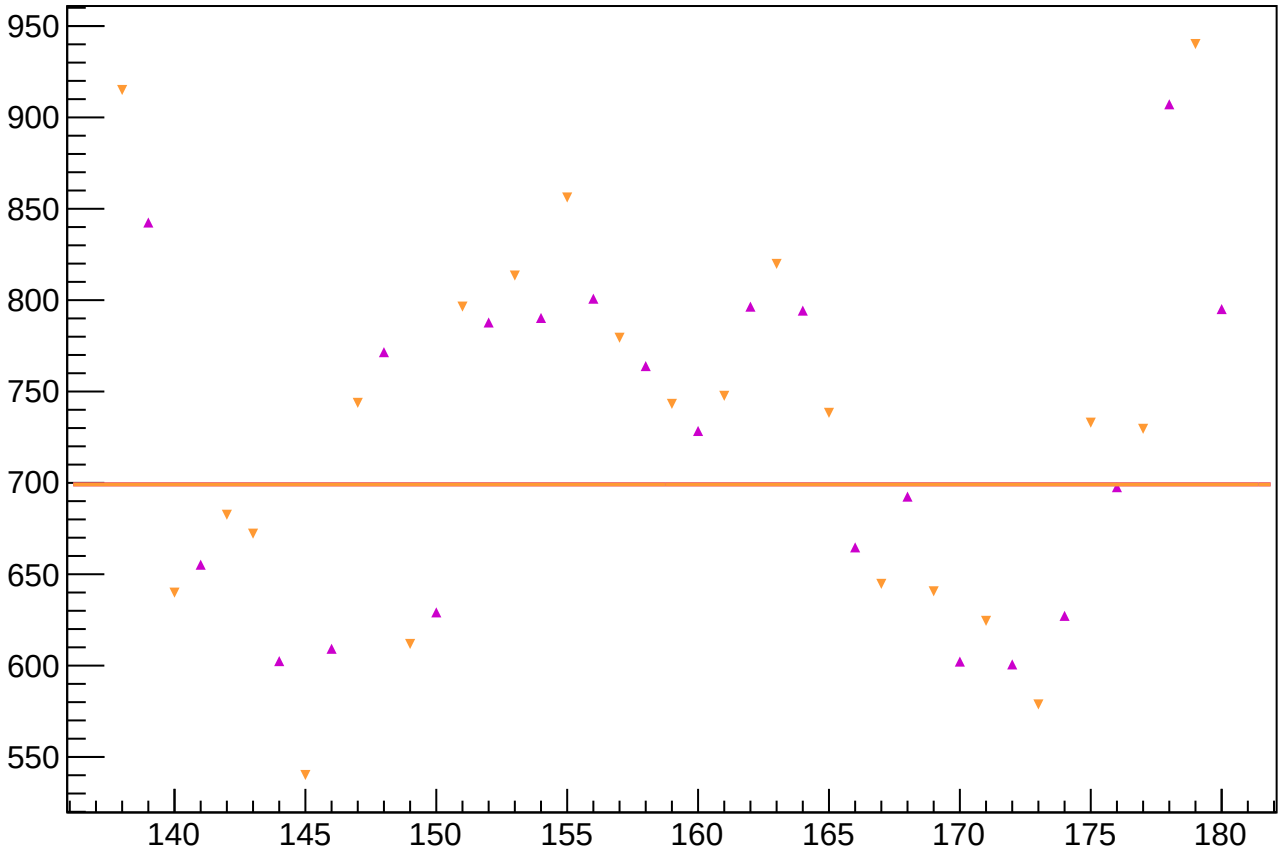
Left In: -184.205+/-173.294 χ^2/NDF:22.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -525.816+/-122.680 χ^2/NDF: 71.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_correction_rms vs Slug



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

Left Out: 699.158+/-0.123 χ^2/NDF:662556.3/21

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

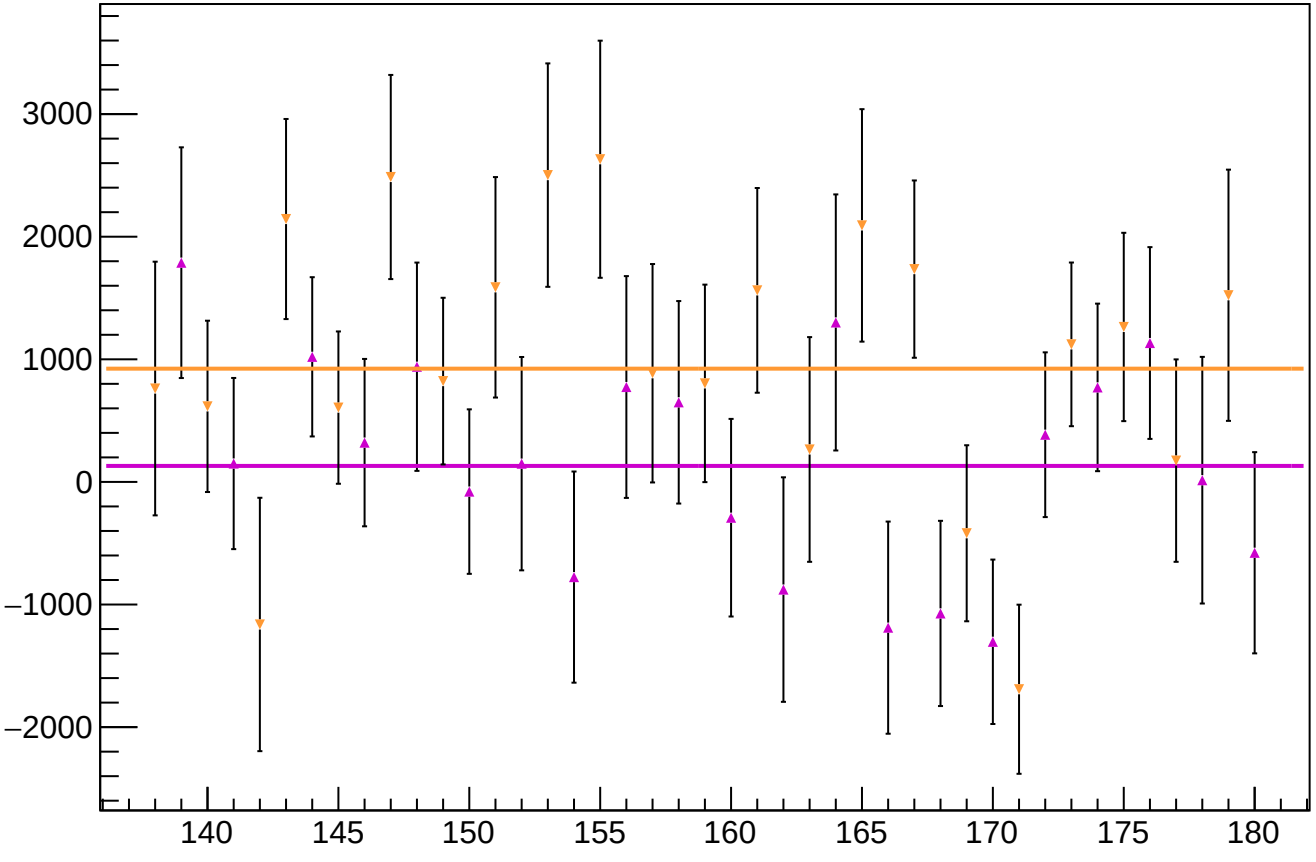
Left In: 699.215+/-0.123 χ^2/NDF:504879.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 699.186+/-0.087 χ^2/NDF: 1167436.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_mean vs Slug



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

Left Out: 923.779+/-171.530 χ^2/NDF:40.2/21

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

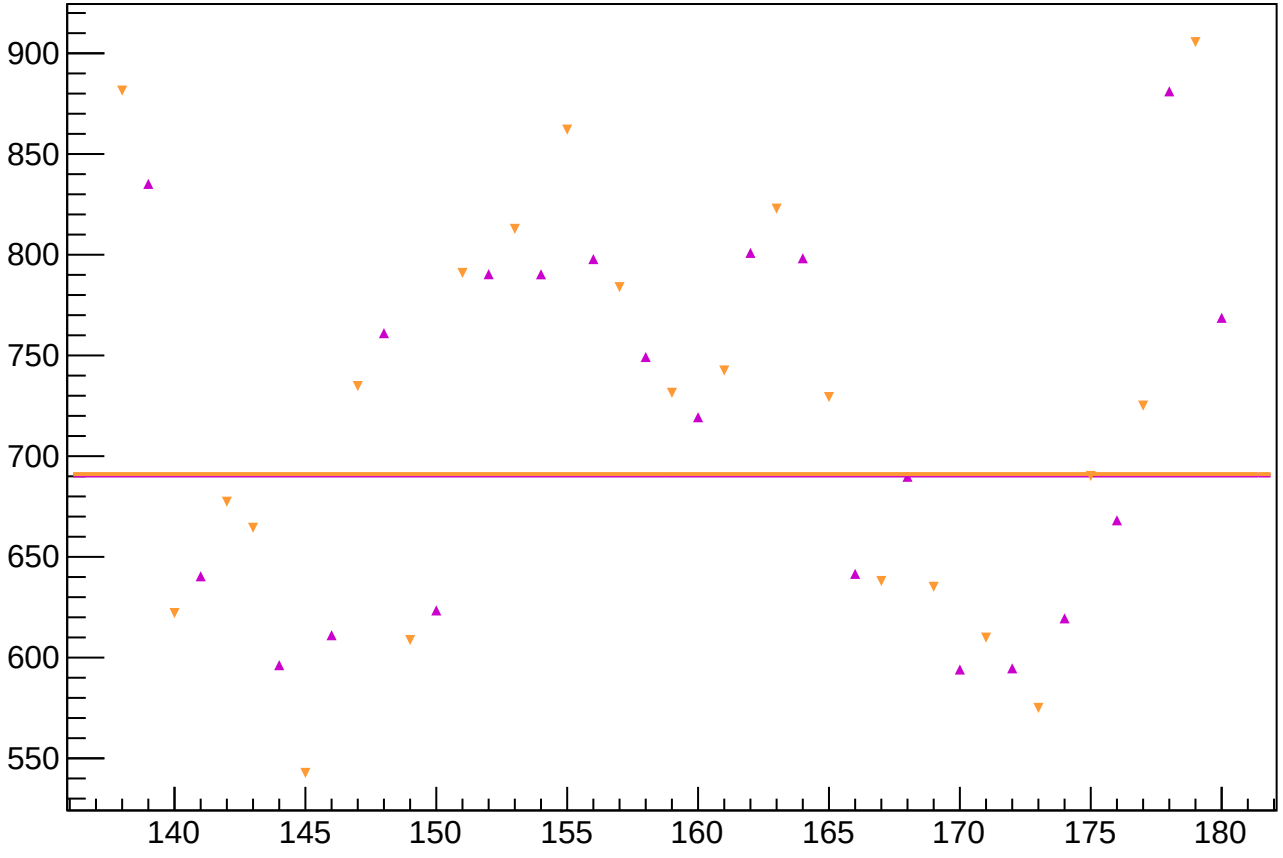
Left In: 130.523+/-171.265 χ^2/NDF:23.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 526.539+/-121.196 χ^2/NDF: 74.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_rms vs Slug



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

Left Out: 691.116+/-0.121 χ^2/NDF:642686.2/21

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

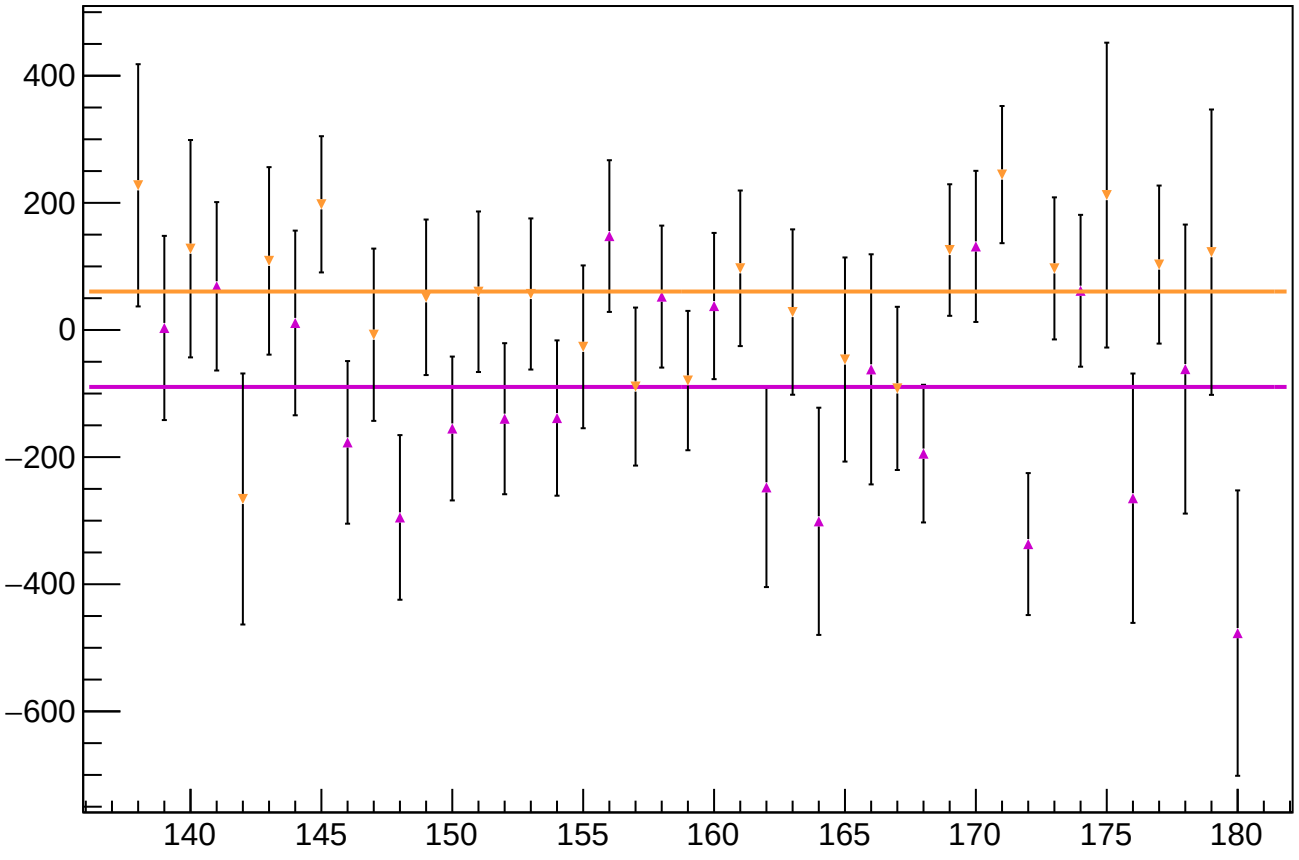
Left In: 690.406+/-0.121 χ^2/NDF:506641.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 690.761+/-0.086 χ^2/NDF: 1149344.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



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

Left Out: 60.508+/-28.054 χ^2/NDF:15.2/21

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

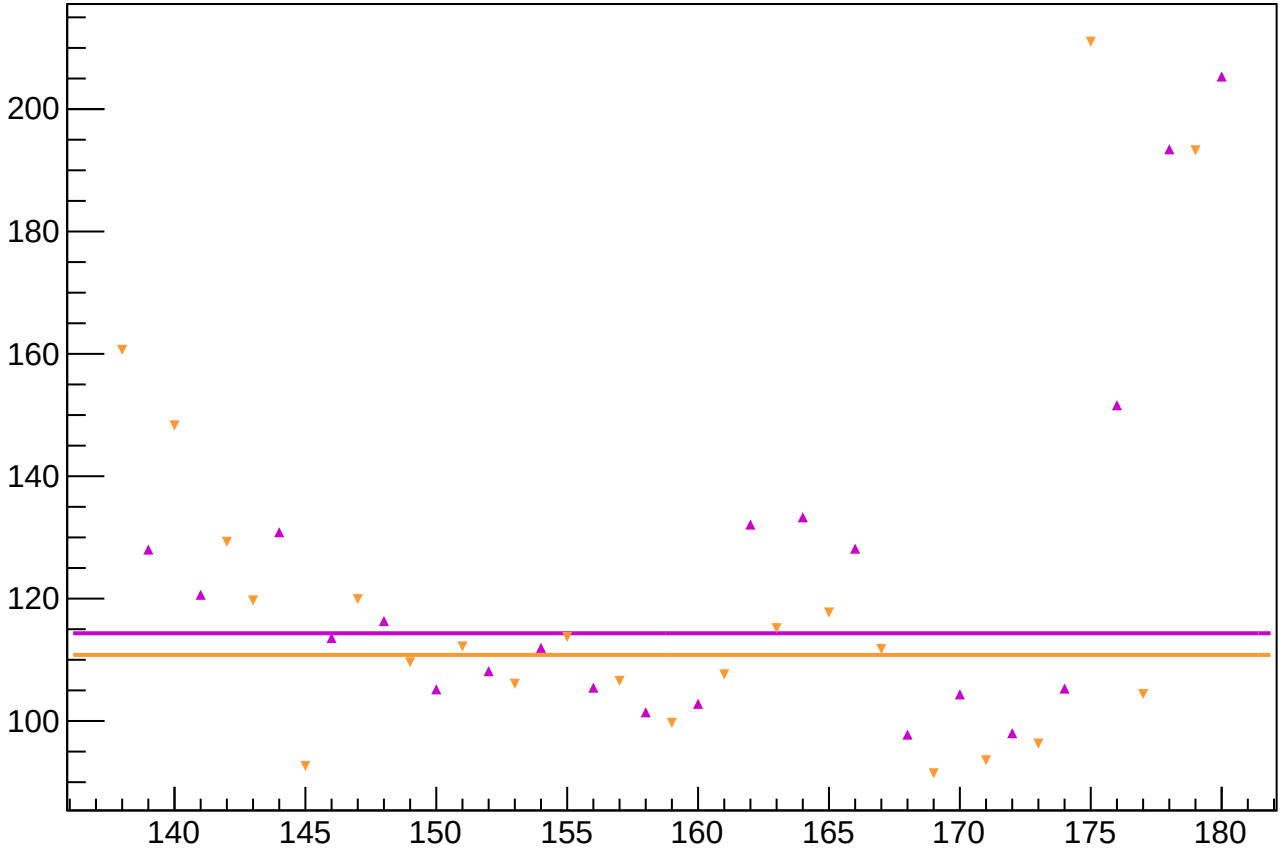
Left In: -89.600+/-29.007 χ^2/NDF:29.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.040+/-20.166 χ^2/NDF: 58.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_3748_avg_rms vs Slug



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

Left Out: 110.796+/-0.020 χ^2/NDF:1138255.2/21

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

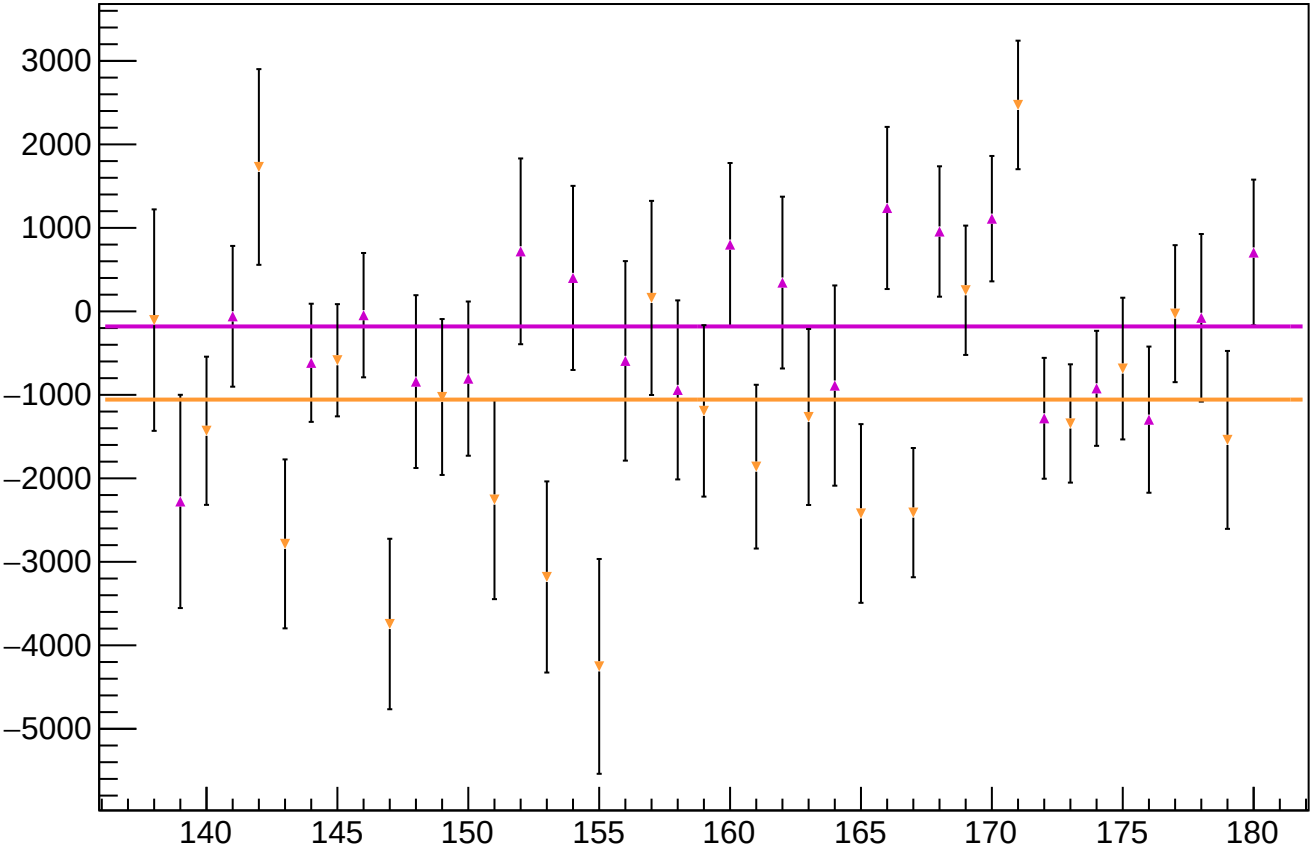
Left In: 114.338+/-0.021 χ^2/NDF:943693.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 112.508+/-0.014 χ^2/NDF: 2097356.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1056.644+/-199.191 χ^2/NDF:59.8/21

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

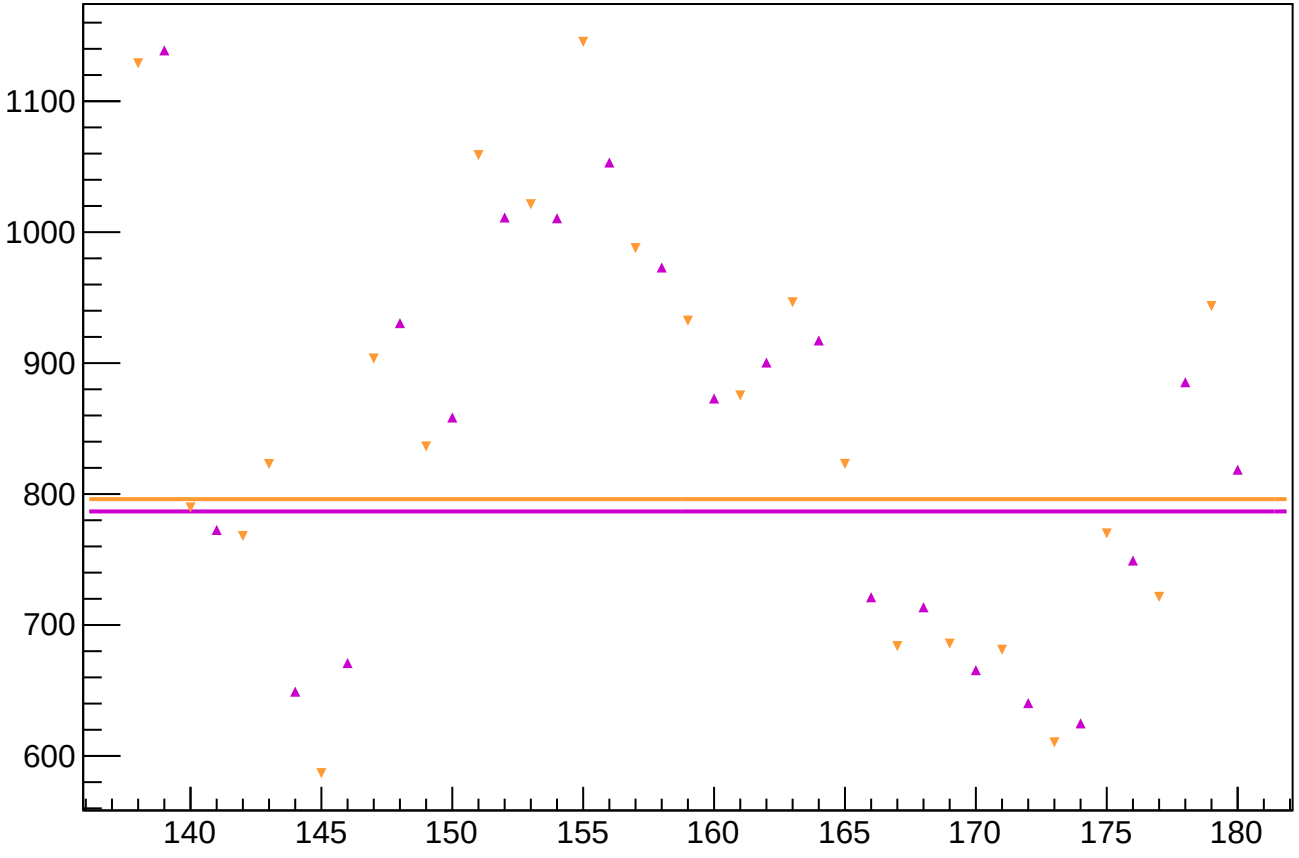
Left In: -180.501+/-196.445 χ^2/NDF:20.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -612.492+/-139.868 χ^2/NDF: 90.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 796.120+/-0.141 χ^2/NDF:1136265.6/21

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

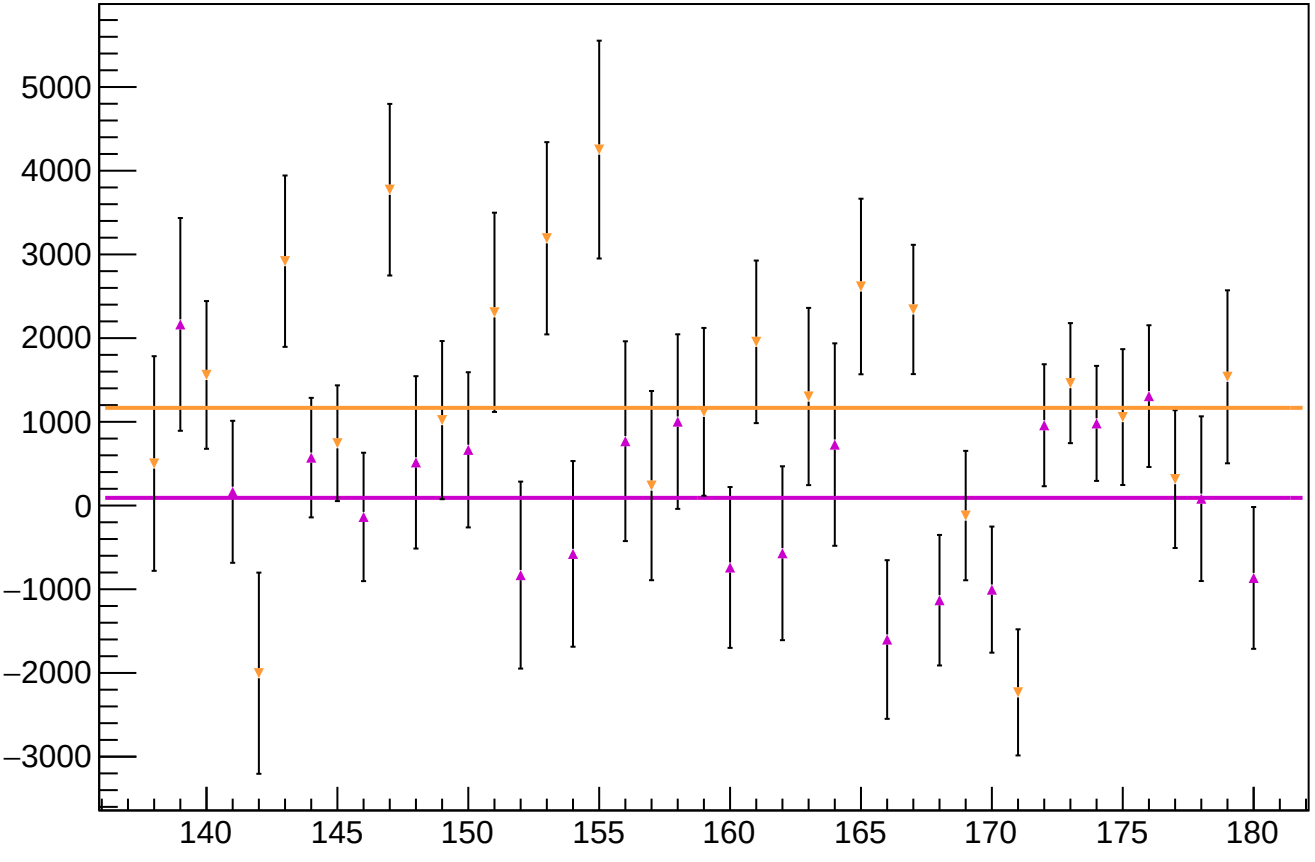
Left In: 786.719+/-0.139 χ^2/NDF:1011320.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 791.354+/-0.099 χ^2/NDF: 2149844.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_mean vs Slug



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

Left Out: 1167.126+/-198.478 χ^2/NDF:57.0/21

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

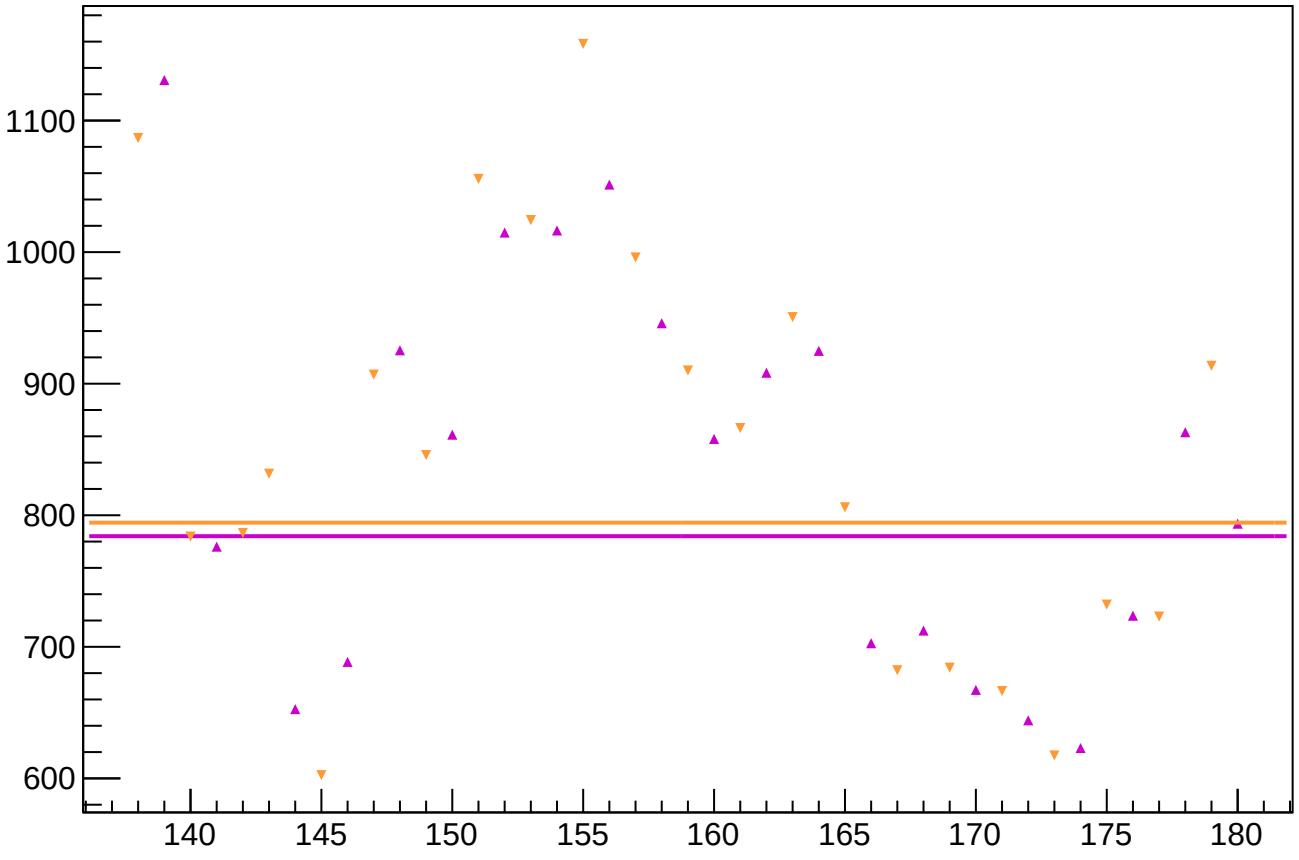
Left In: 91.765+/-195.923 χ^2/NDF:21.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 622.480+/-139.433 χ^2/NDF: 93.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_rms vs Slug



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

Left Out: 794.381+/-0.140 χ^2/NDF:1084868.5/21

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

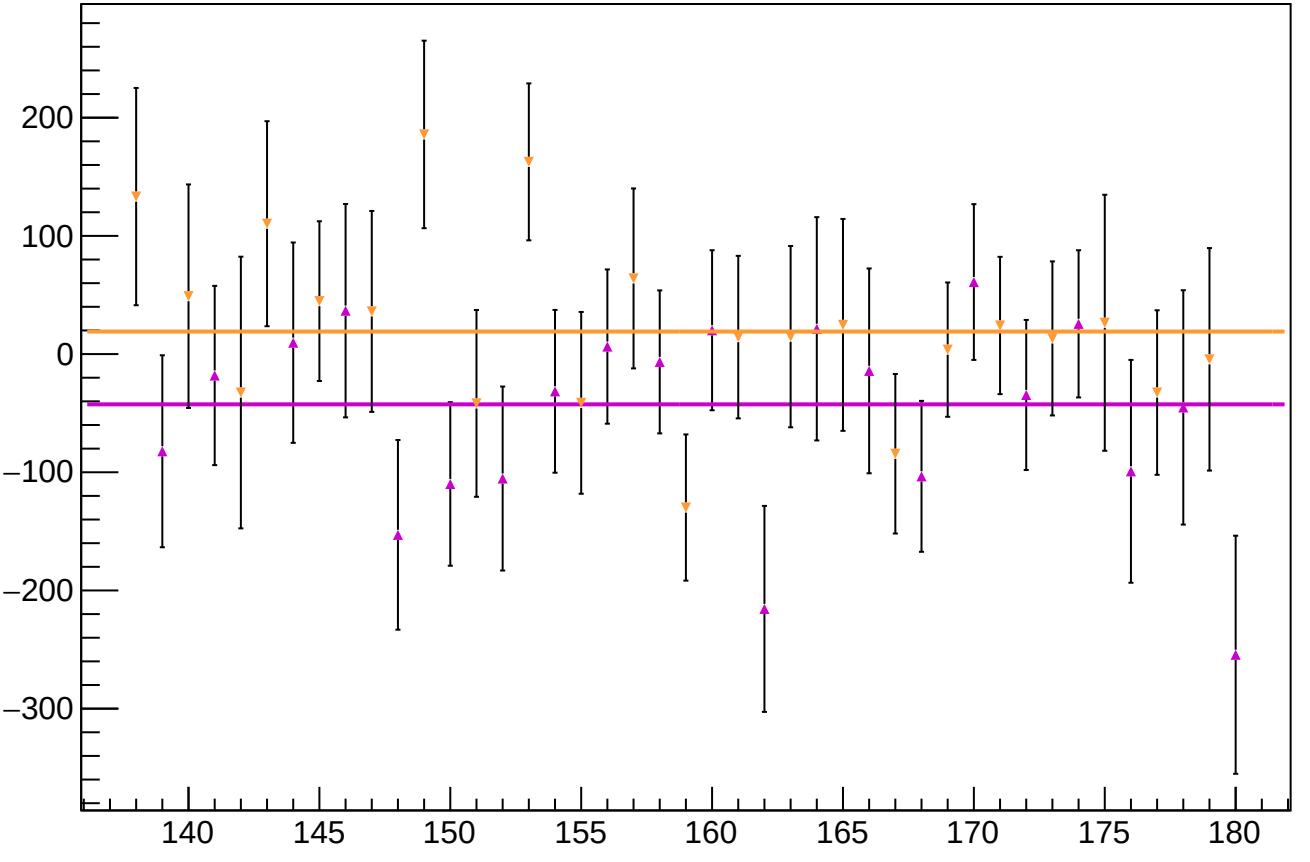
Left In: 784.094+/-0.139 χ^2/NDF:975246.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 789.171+/-0.099 χ^2/NDF: 2062835.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



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

Left Out: 19.073+/-15.978 χ^2/NDF:22.7/21

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

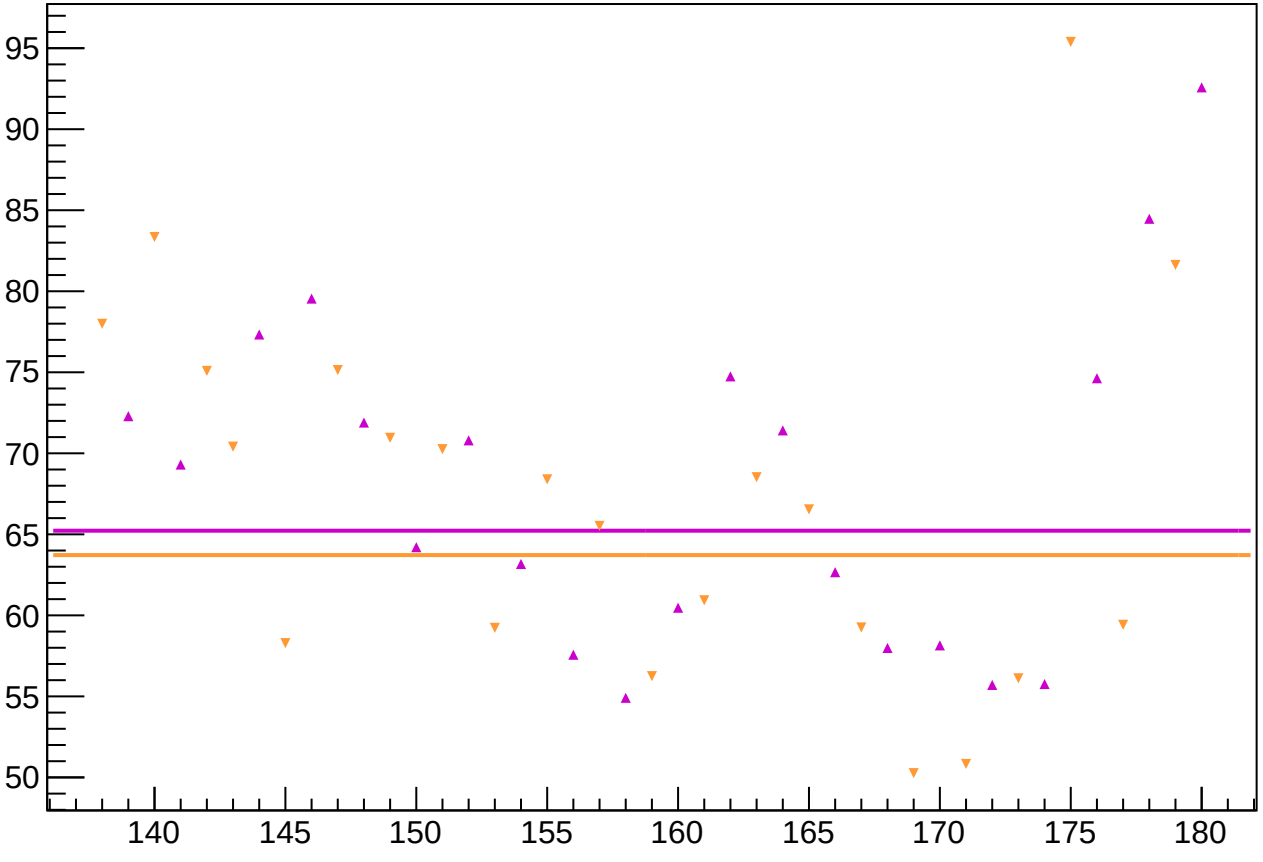
Left In: -42.539+/-16.384 χ^2/NDF:20.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.960+/-11.439 χ^2/NDF: 50.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



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

Left Out: 63.720+/-0.011 χ^2/NDF:802853.6/21

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

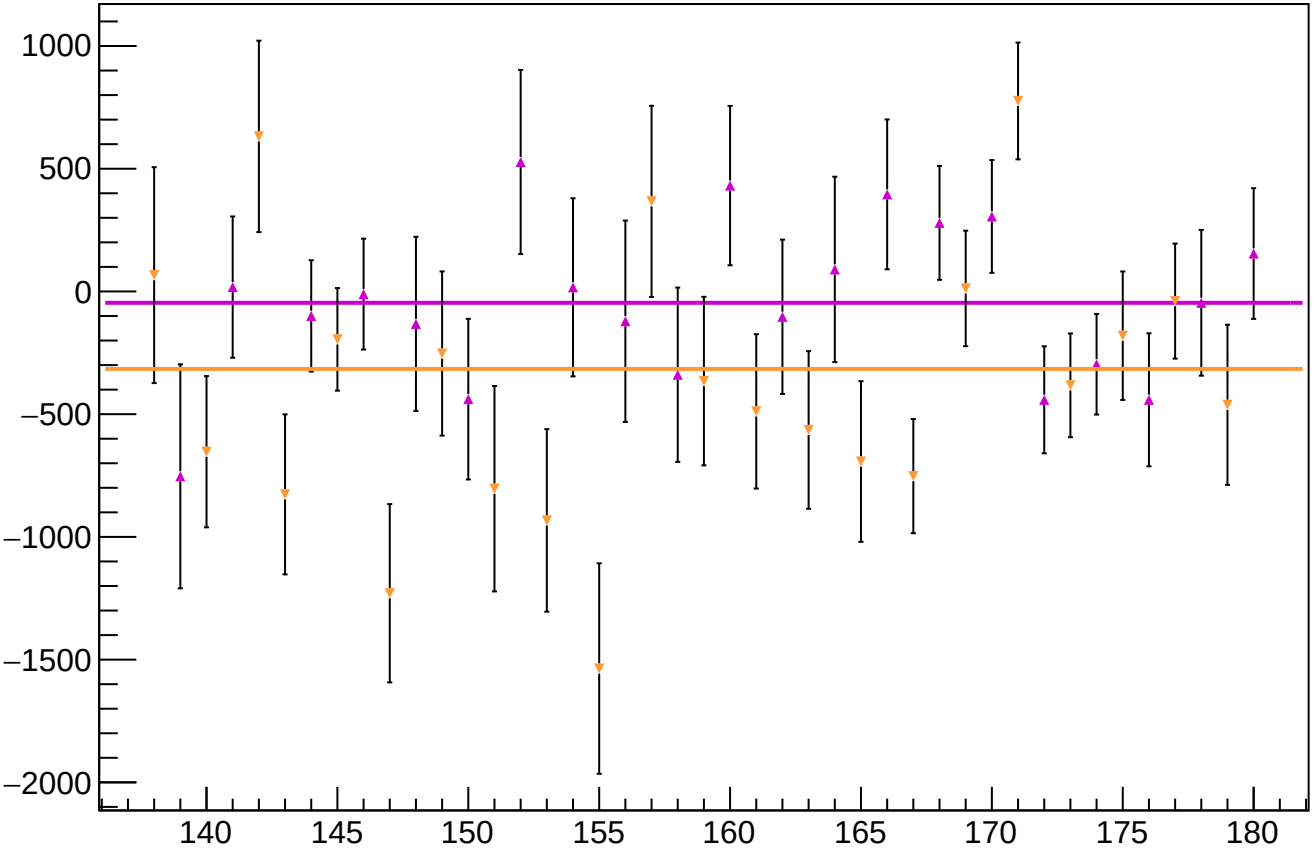
Left In: 65.224+/-0.012 χ^2/NDF:650851.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 64.453+/-0.008 χ^2/NDF: 1462346.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -315.583+/-62.926 χ^2/NDF:63.0/21

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

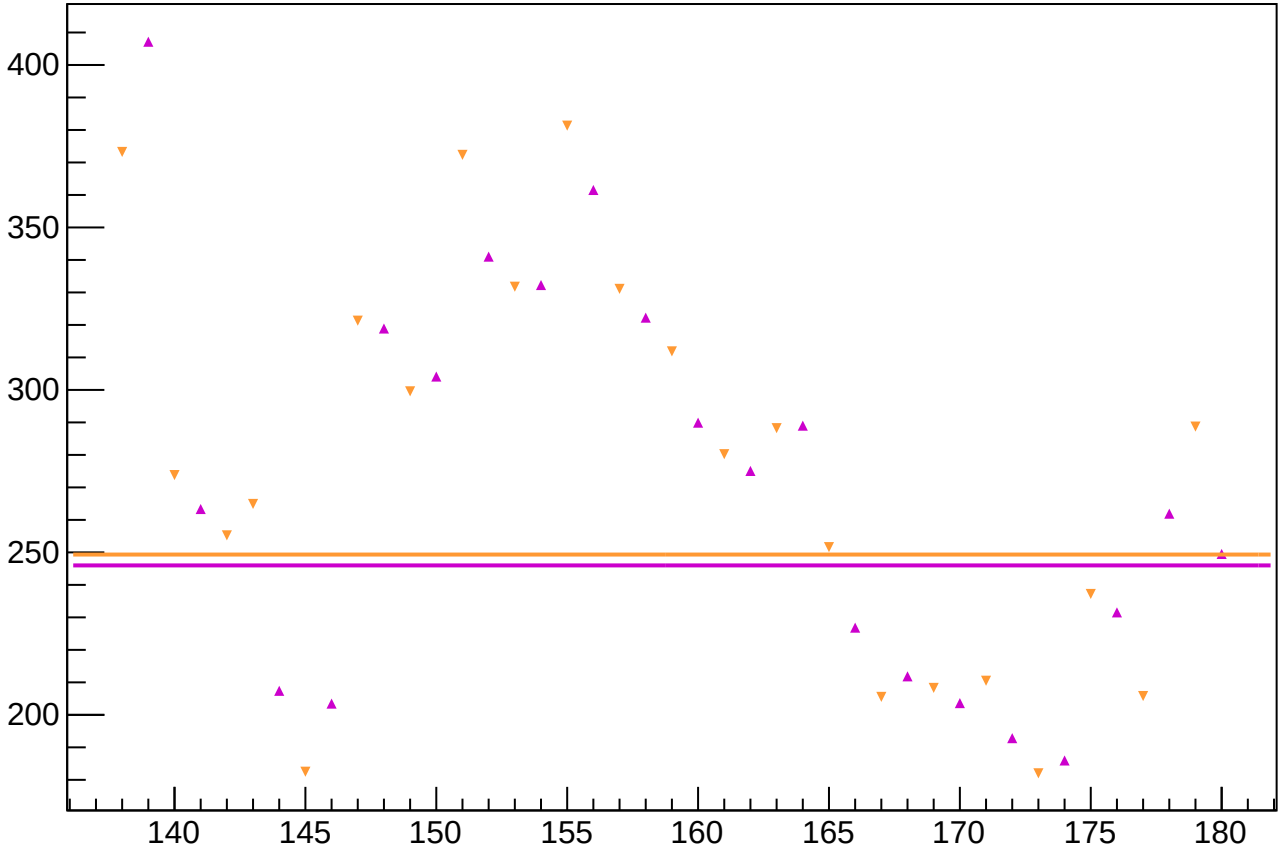
Left In: -46.211+/-61.942 χ^2/NDF:23.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -178.773+/-44.143 χ^2/NDF: 95.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 249.335+/-0.044 χ^2/NDF:1659031.9/21

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

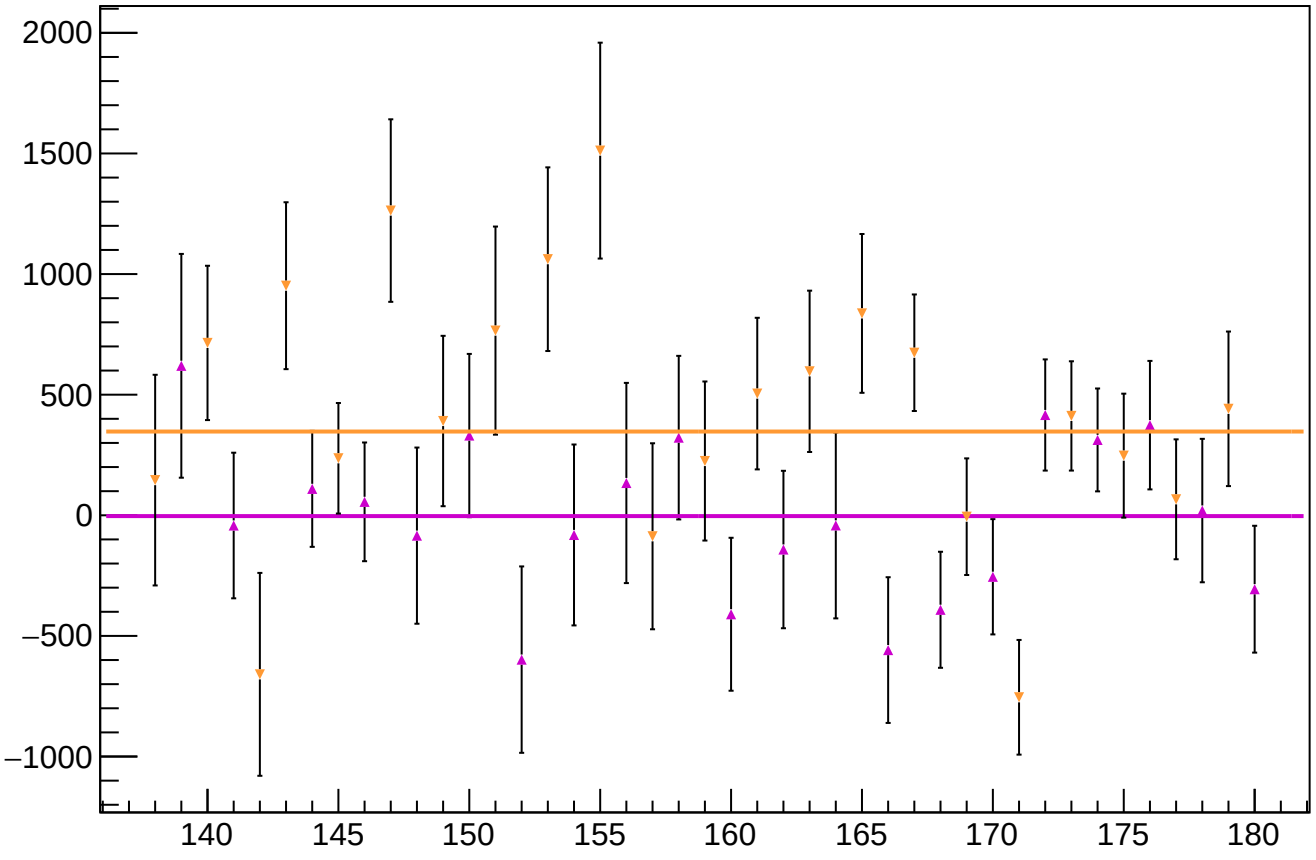
Left In: 245.993+/-0.044 χ^2/NDF:1527067.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 247.637+/-0.031 χ^2/NDF: 3188965.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_mean vs Slug



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

Left Out: 347.250+/-64.945 χ^2/NDF:59.1/21

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

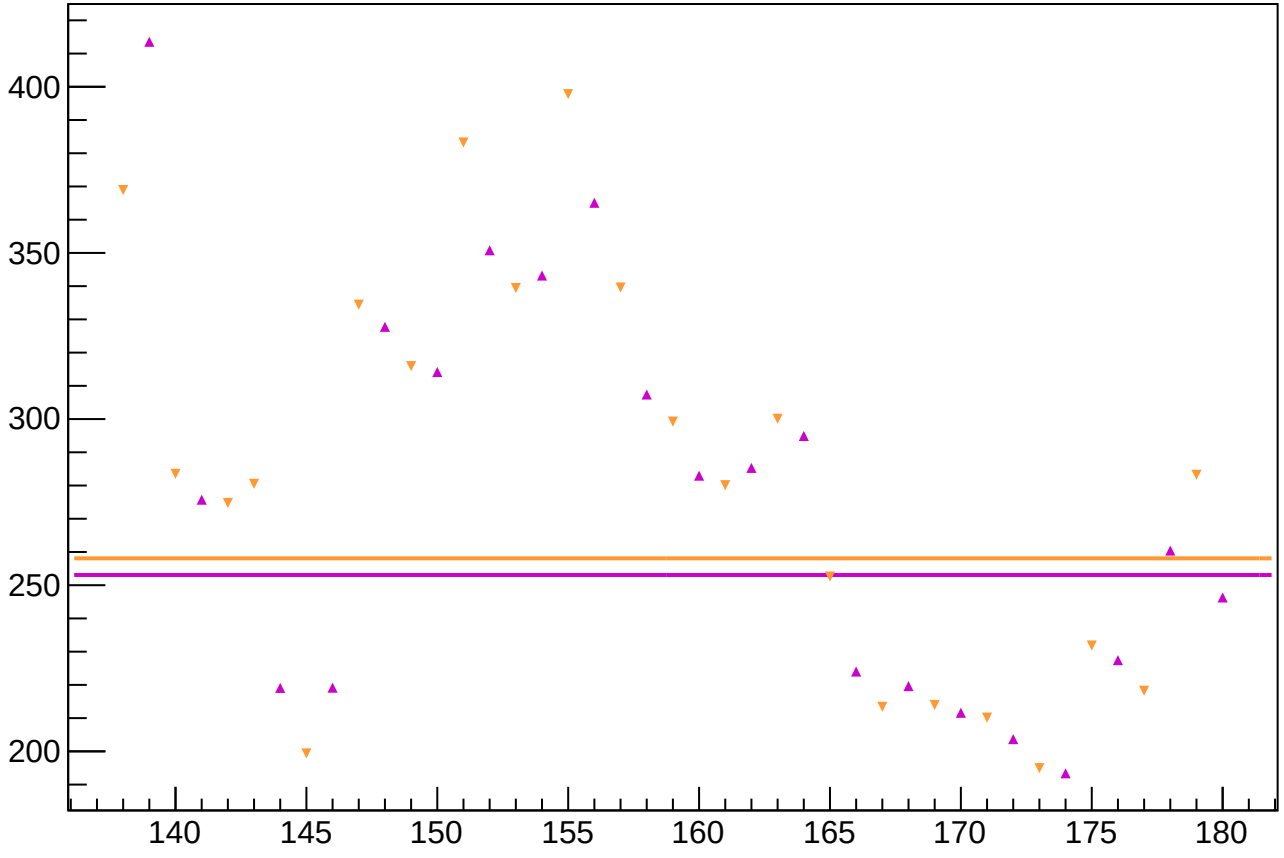
Left In: -3.312+/-63.690 χ^2/NDF:24.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 168.550+/-45.473 χ^2/NDF: 98.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_rms vs Slug



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

Left Out: 258.084+/-0.046 χ^2/NDF:1492828.5/21

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

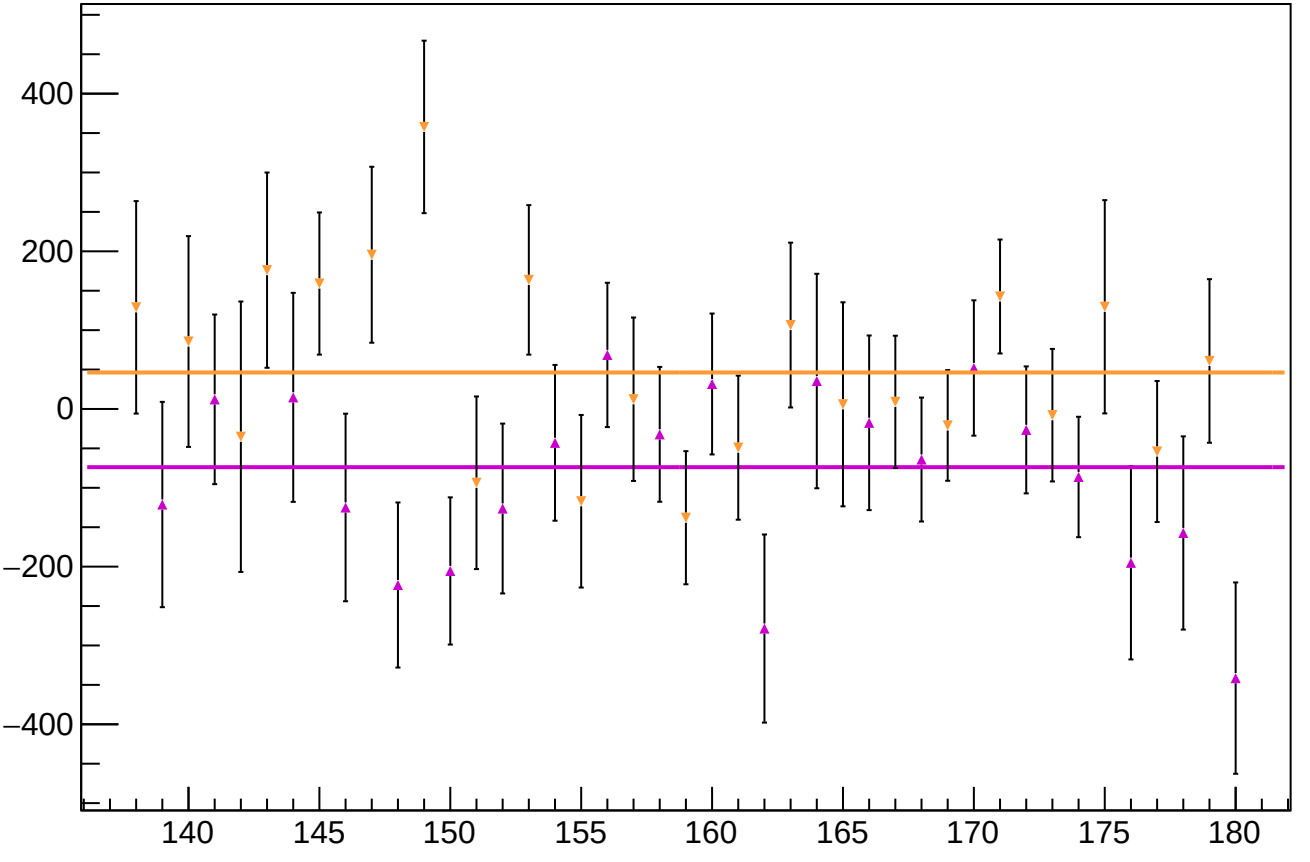
Left In: 253.076+/-0.045 χ^2/NDF:1365800.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 255.531+/-0.032 χ^2/NDF: 2864690.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



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

Left Out: 46.291+/-21.177 χ^2/NDF:30.0/21

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

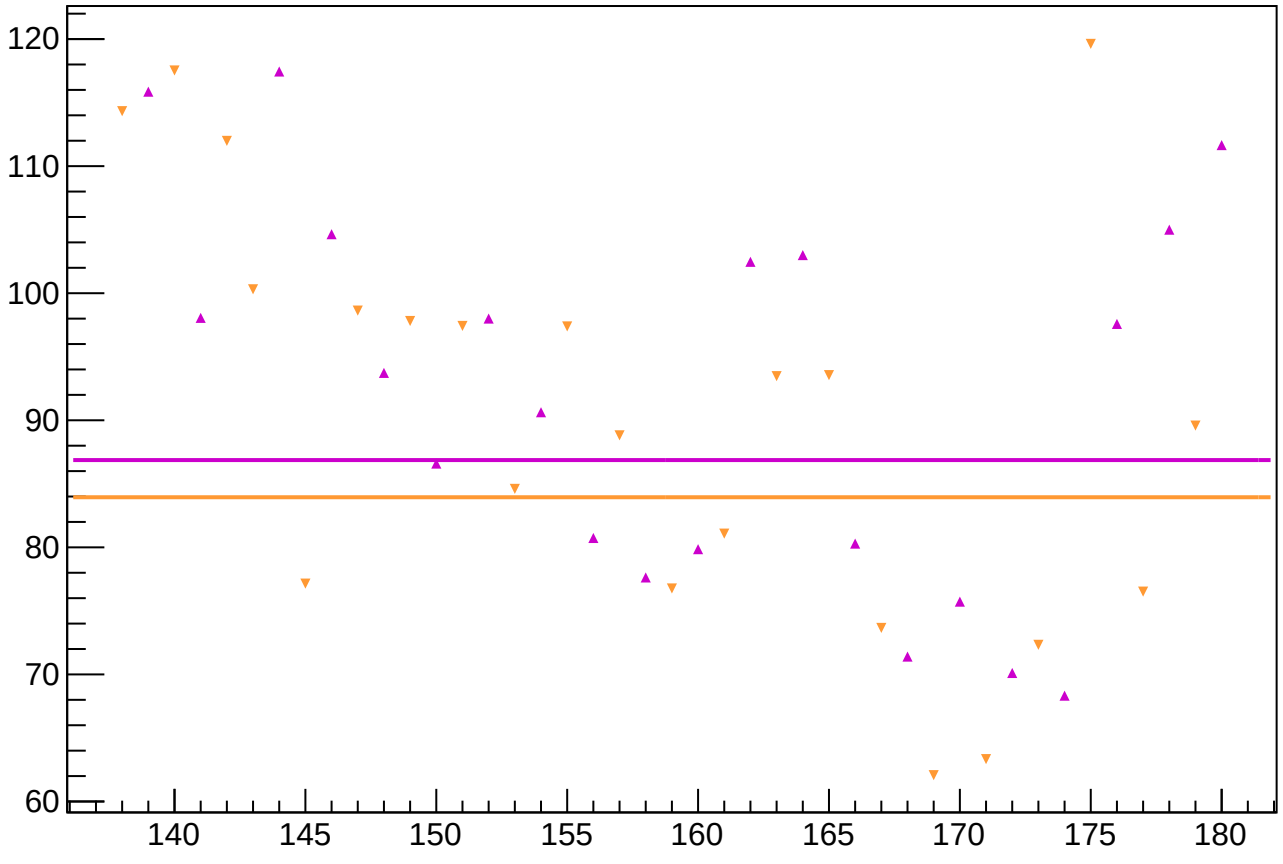
Left In: -73.838+/-21.935 χ^2/NDF:22.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.662+/-15.235 χ^2/NDF: 68.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



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

Left Out: 83.943+/-0.015 χ^2/NDF:1087329.1/21

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

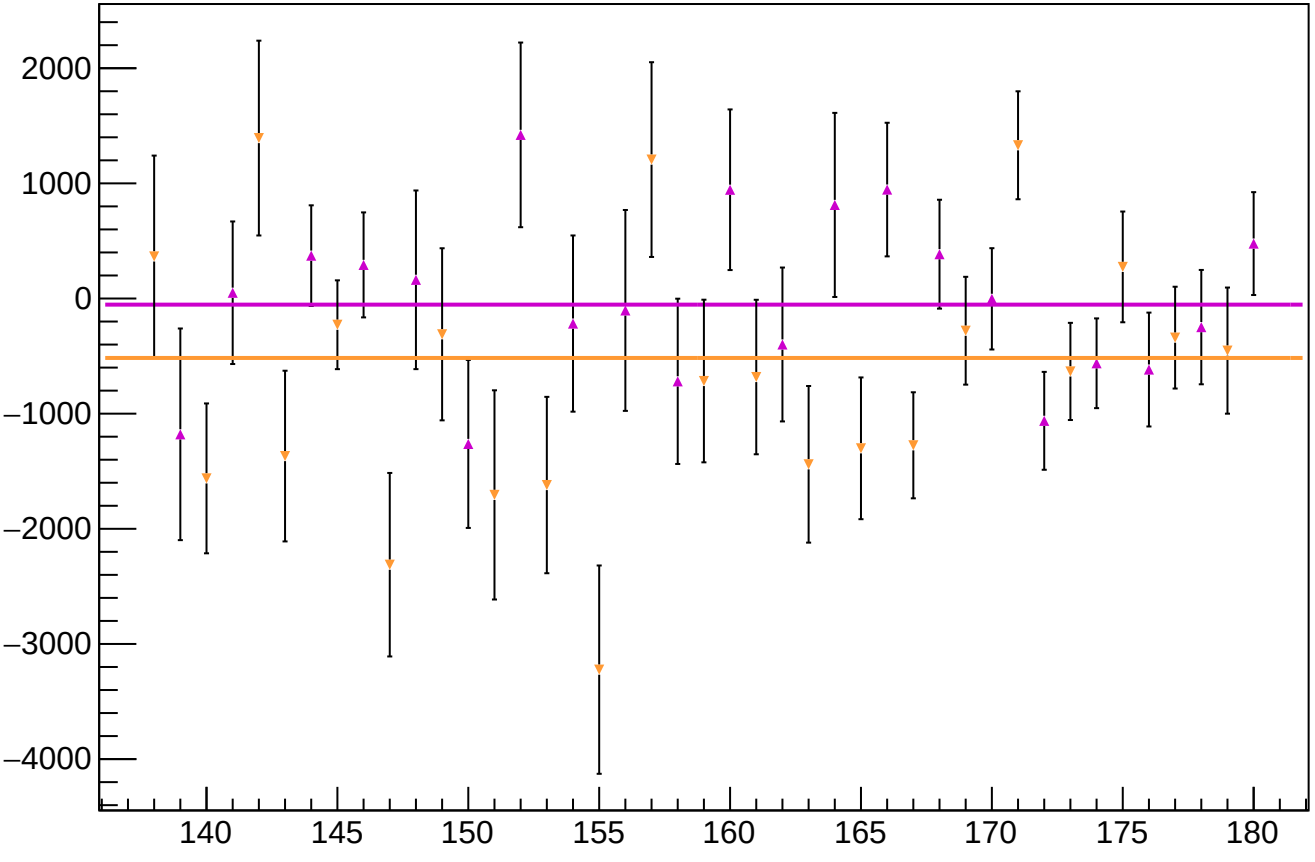
Left In: 86.868+/-0.016 χ^2/NDF:876640.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 85.354+/-0.011 χ^2/NDF: 1982385.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -516.231+/-125.237 χ^2/NDF:57.7/21

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

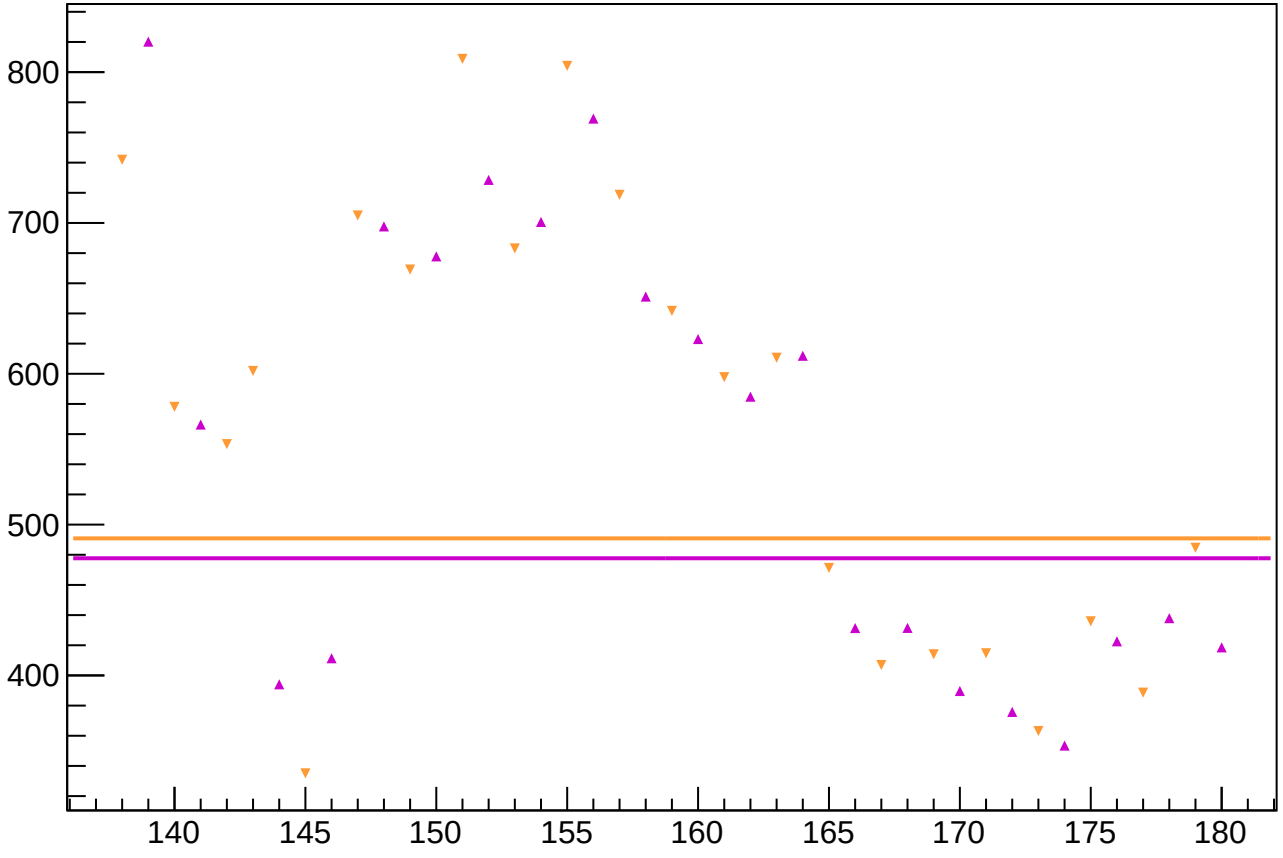
Left In: -53.186+/-121.583 χ^2/NDF:27.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -277.855+/-87.235 χ^2/NDF: 92.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_correction_rms vs Slug



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

Left Out: 490.872+/-0.089 χ^2/NDF:2292733.9/21

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

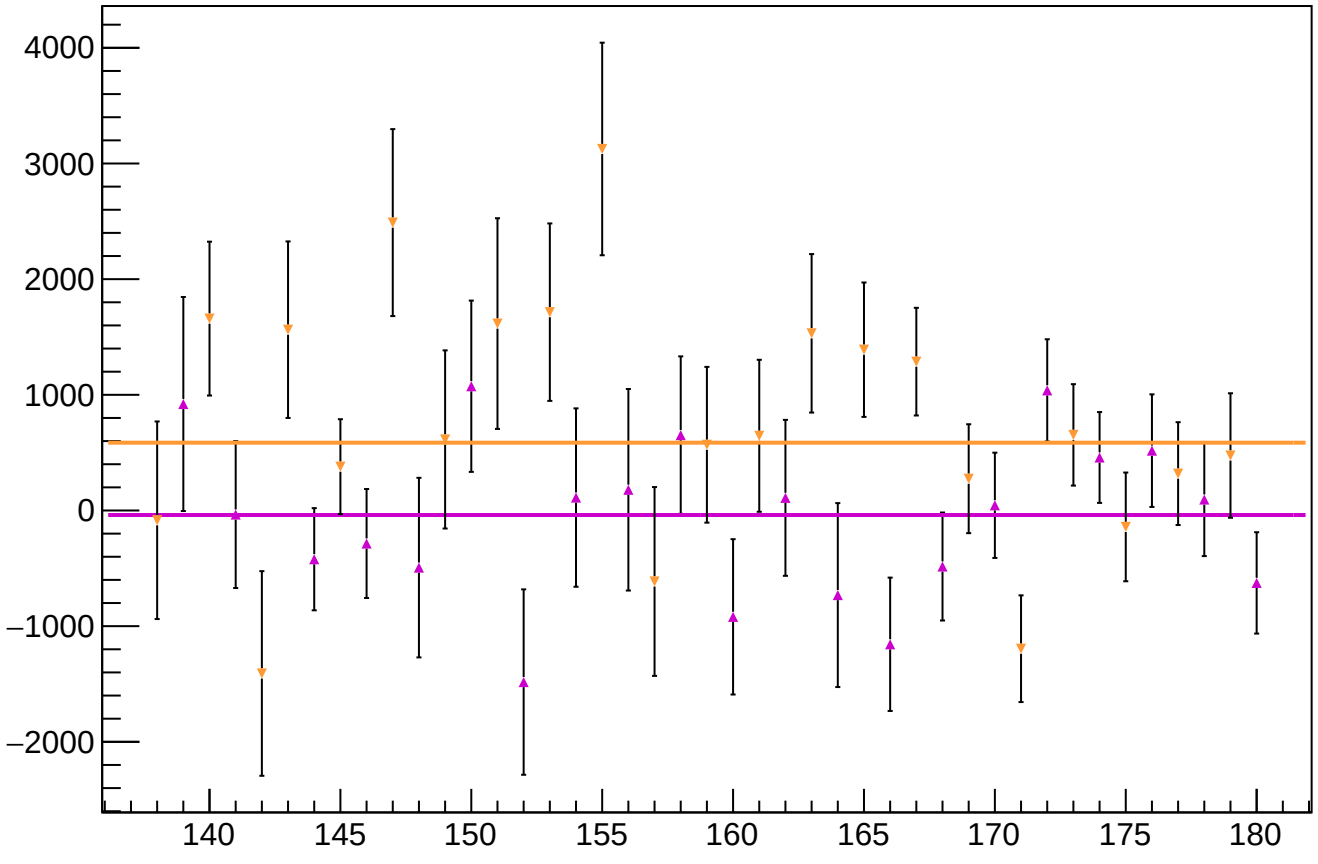
Left In: 477.683+/-0.086 χ^2/NDF:2148730.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 484.082+/-0.062 χ^2/NDF: 4452883.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_mean vs Slug



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

Left Out: 586.264+/-125.917 χ^2/NDF:53.3/21

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

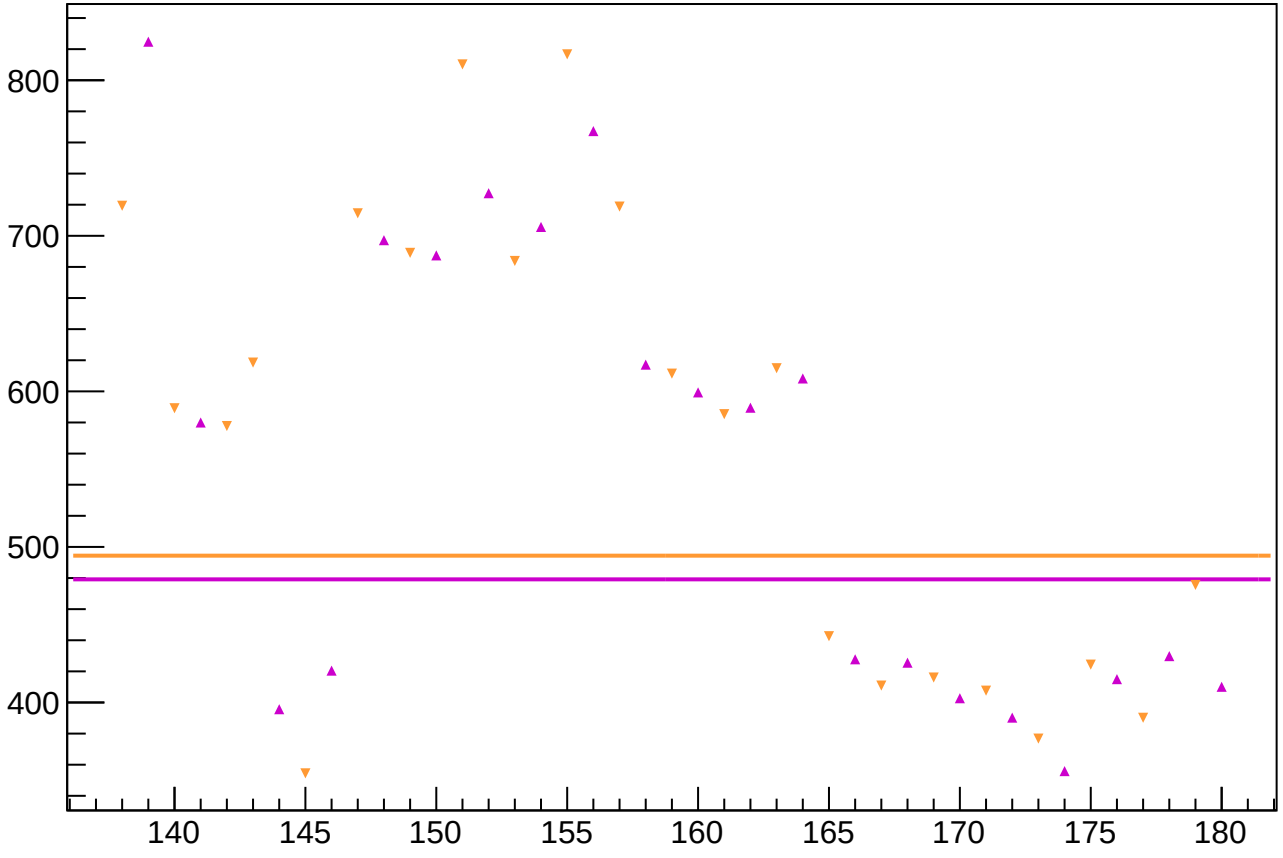
Left In: -39.092+/-122.050 χ^2/NDF:27.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 263.837+/-87.638 χ^2/NDF: 93.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_rms vs Slug



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

Left Out: 494.382+/-0.089 χ^2/NDF:2186390.3/21

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

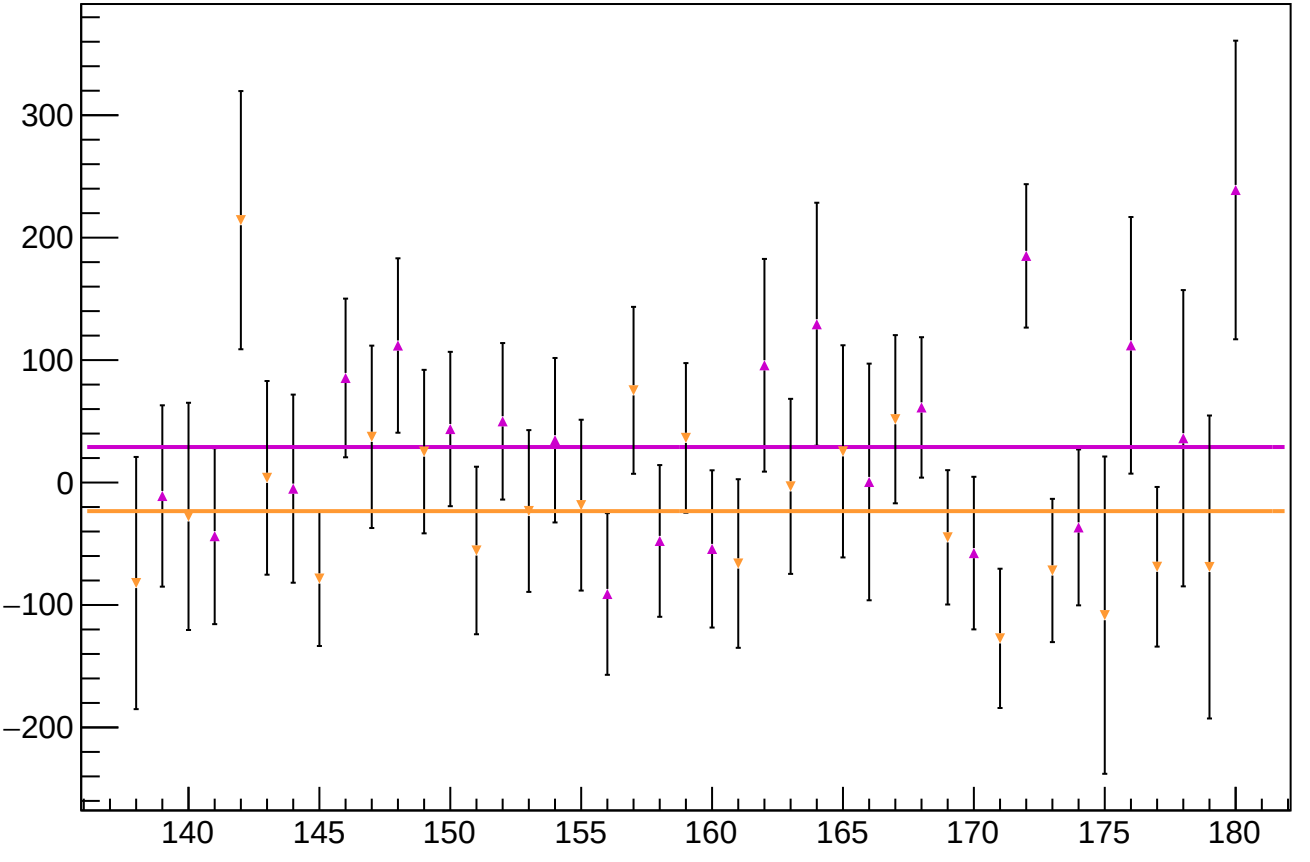
Left In: 479.152+/-0.086 χ^2/NDF:2065382.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 486.530+/-0.062 χ^2/NDF: 4266858.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -23.348+/-15.124 χ^2/NDF:18.2/21

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

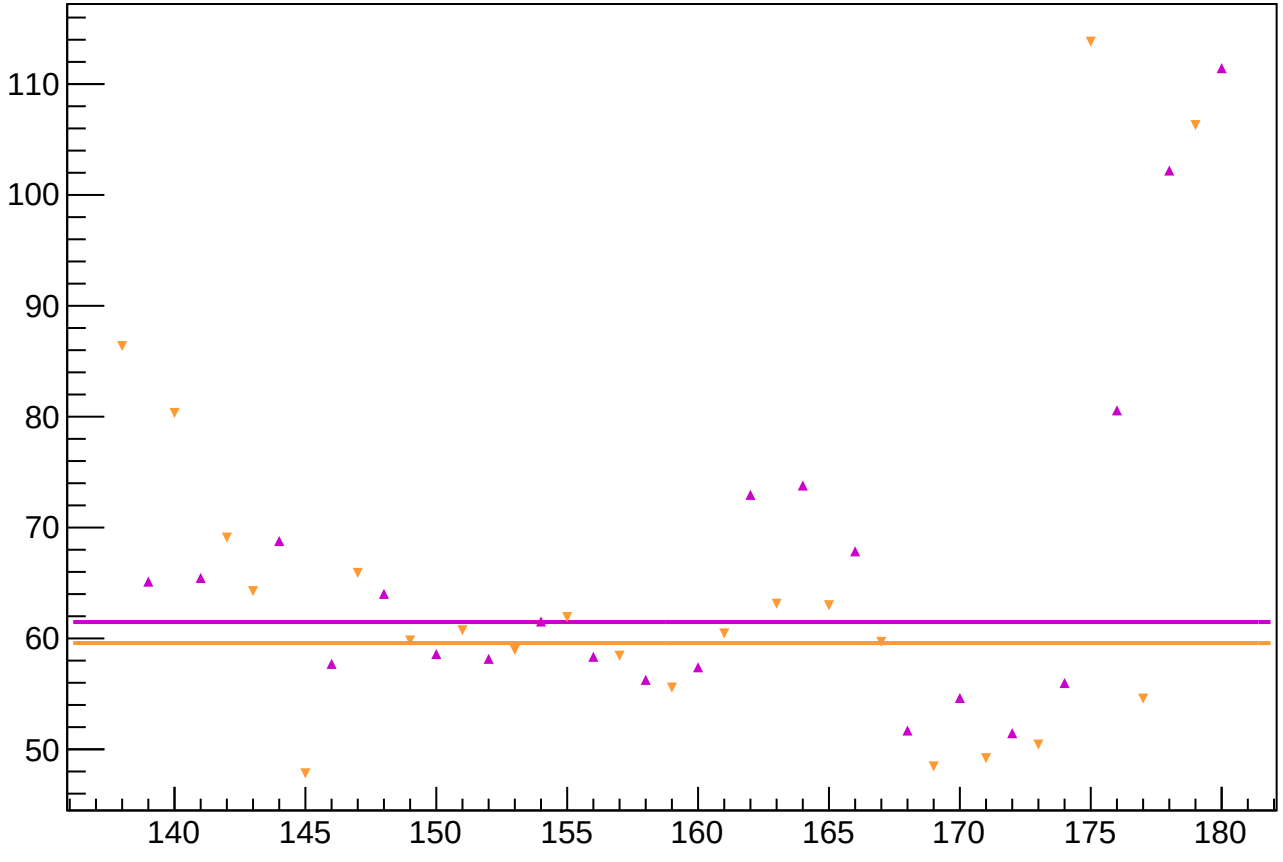
Left In: 29.009+/-15.619 χ^2/NDF:26.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.988+/-10.865 χ^2/NDF: 50.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 59.581+/-0.011 χ^2/NDF:1230217.8/21

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

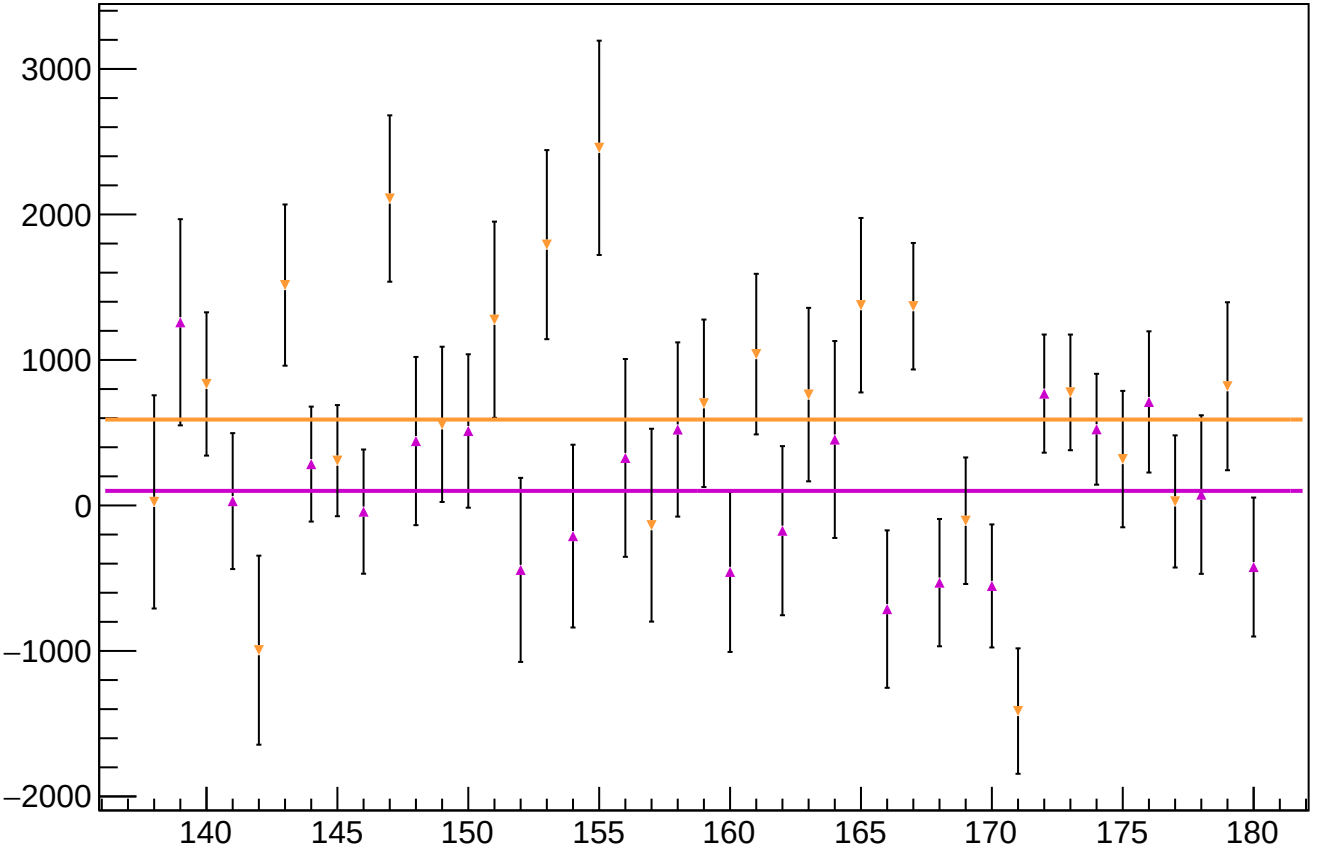
Left In: 61.480+/-0.011 χ^2/NDF:933694.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 60.500+/-0.008 χ^2/NDF: 2179170.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 590.417+/-111.587 χ^2/NDF:61.4/21

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

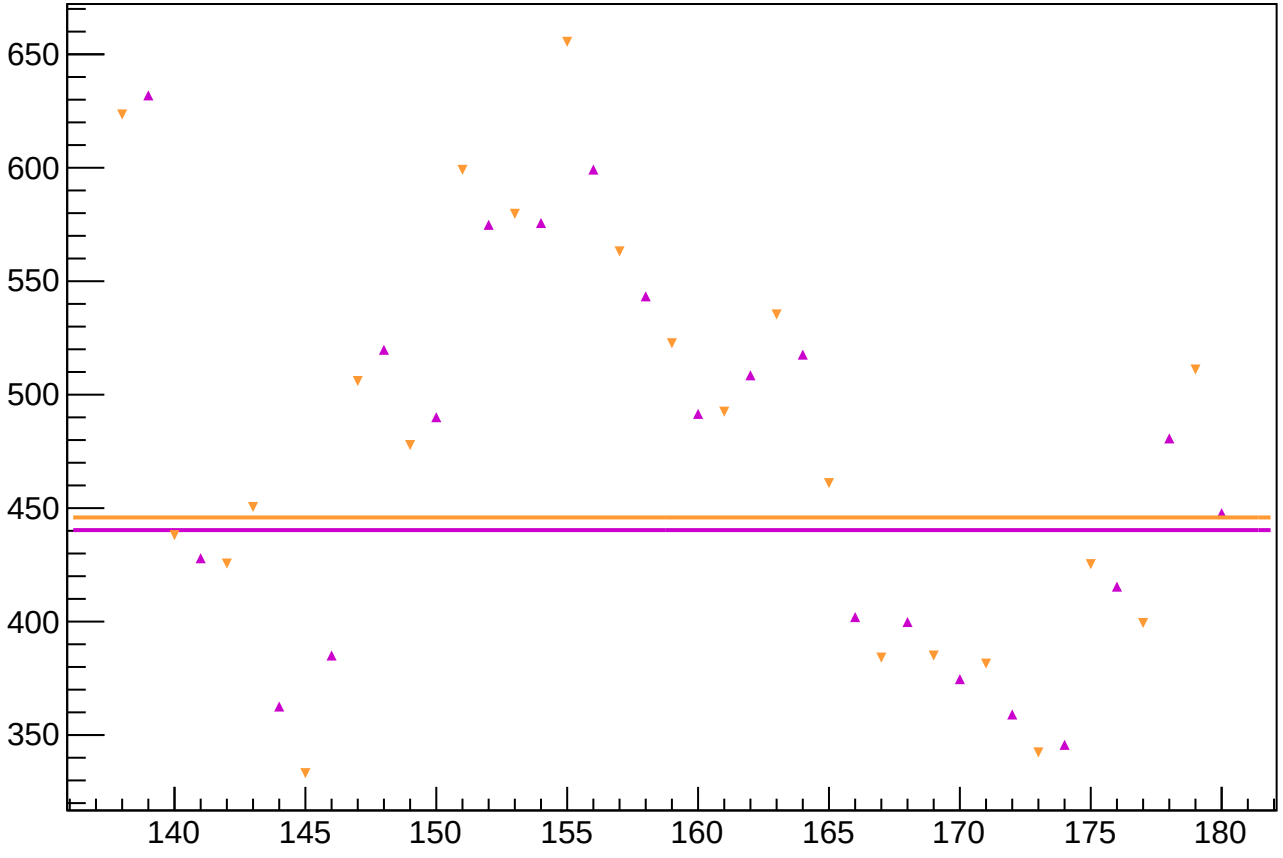
Left In: 100.103+/-109.978 χ^2/NDF:20.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 341.700+/-78.329 χ^2/NDF: 91.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_correction_rms vs Slug



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

Left Out: 445.894+/-0.079 χ^2/NDF:1142520.3/21

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

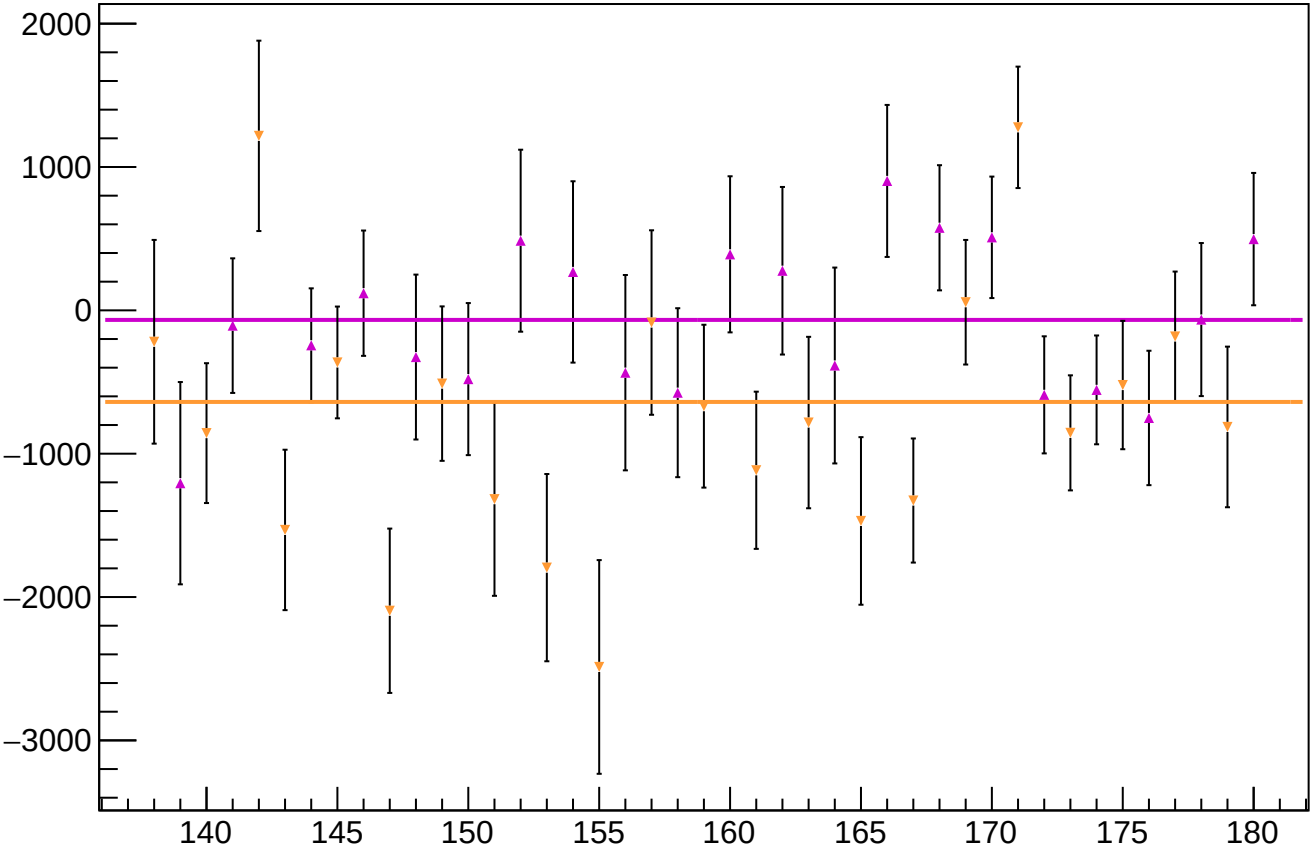
Left In: 440.314+/-0.078 χ^2/NDF:1032605.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 443.063+/-0.055 χ^2/NDF: 2177662.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -638.952+/-111.058 χ^2/NDF:58.8/21

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

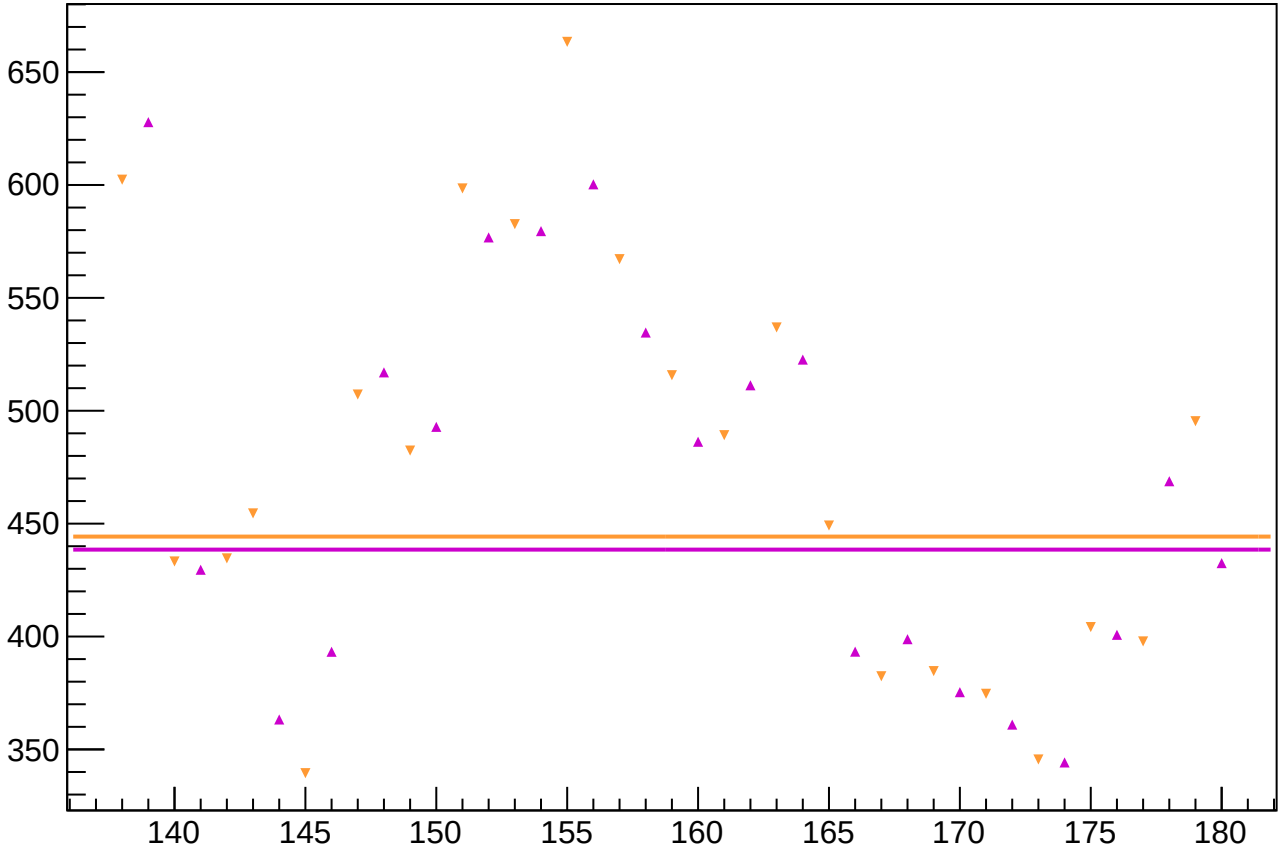
Left In: -66.709+/-109.629 χ^2/NDF:21.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -349.126+/-78.020 χ^2/NDF: 93.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 444.266+/-0.079 χ^2/NDF:1120184.1/21

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

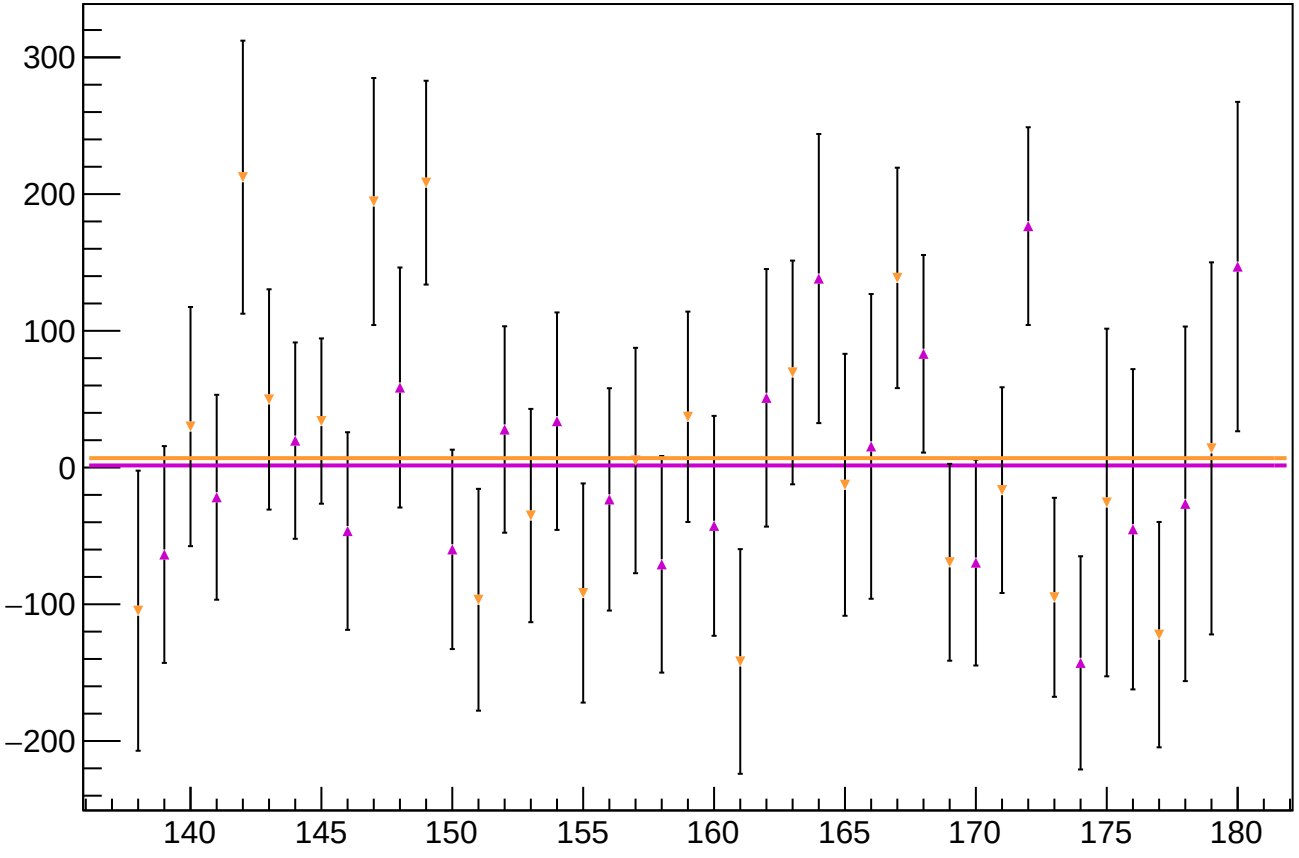
Left In: 438.494+/-0.078 χ^2/NDF:1023864.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 441.342+/-0.055 χ^2/NDF: 2146784.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 6.873+/-17.604 χ^2/NDF:33.5/21

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

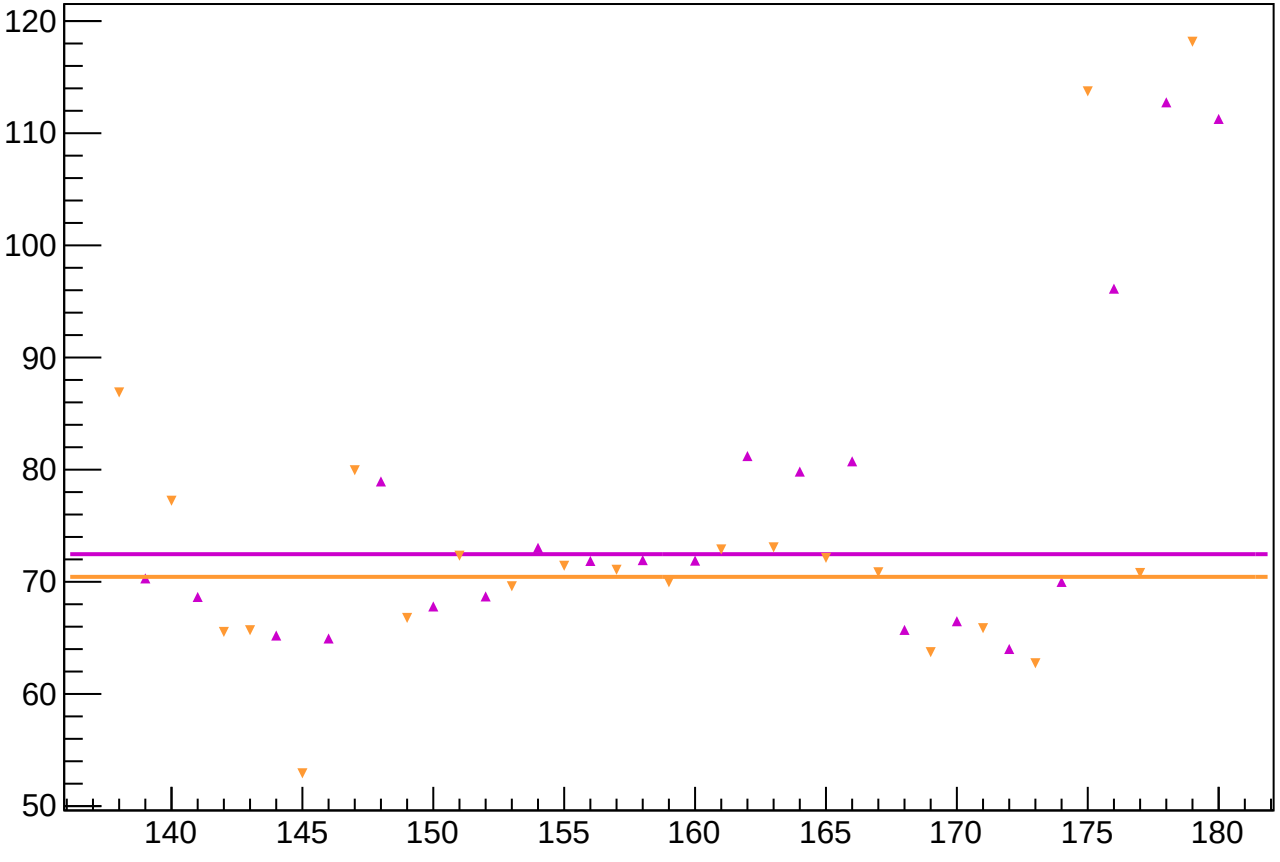
Left In: 1.530+/-18.116 χ^2/NDF:19.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.278+/-12.625 χ^2/NDF: 52.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 70.442+/-0.012 χ^2/NDF:801789.9/21

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

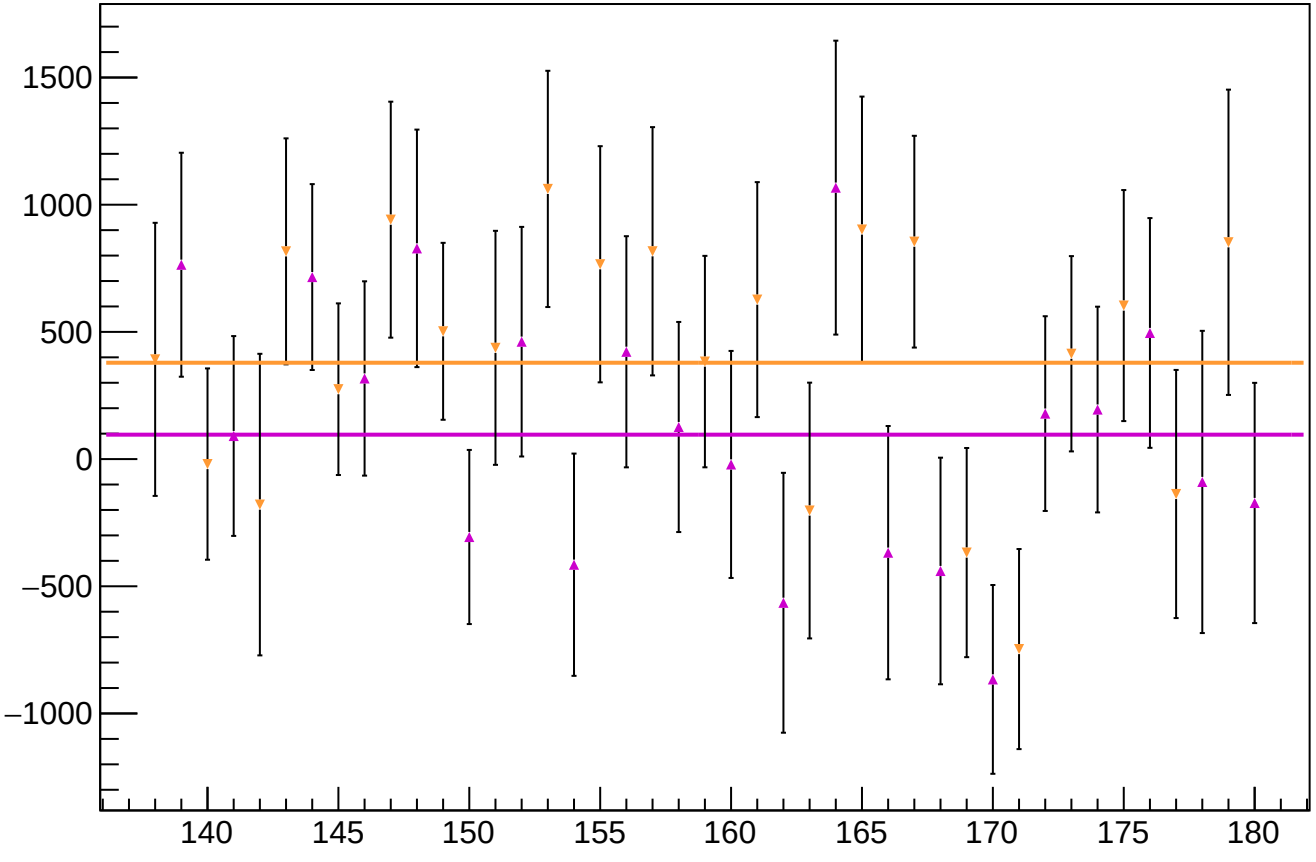
Left In: 72.465+/-0.013 χ^2/NDF:653002.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 71.424+/-0.009 χ^2/NDF: 1467612.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_correction_mean vs Slug



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

Left Out: 378.783+/-93.980 χ^2/NDF:25.8/21

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

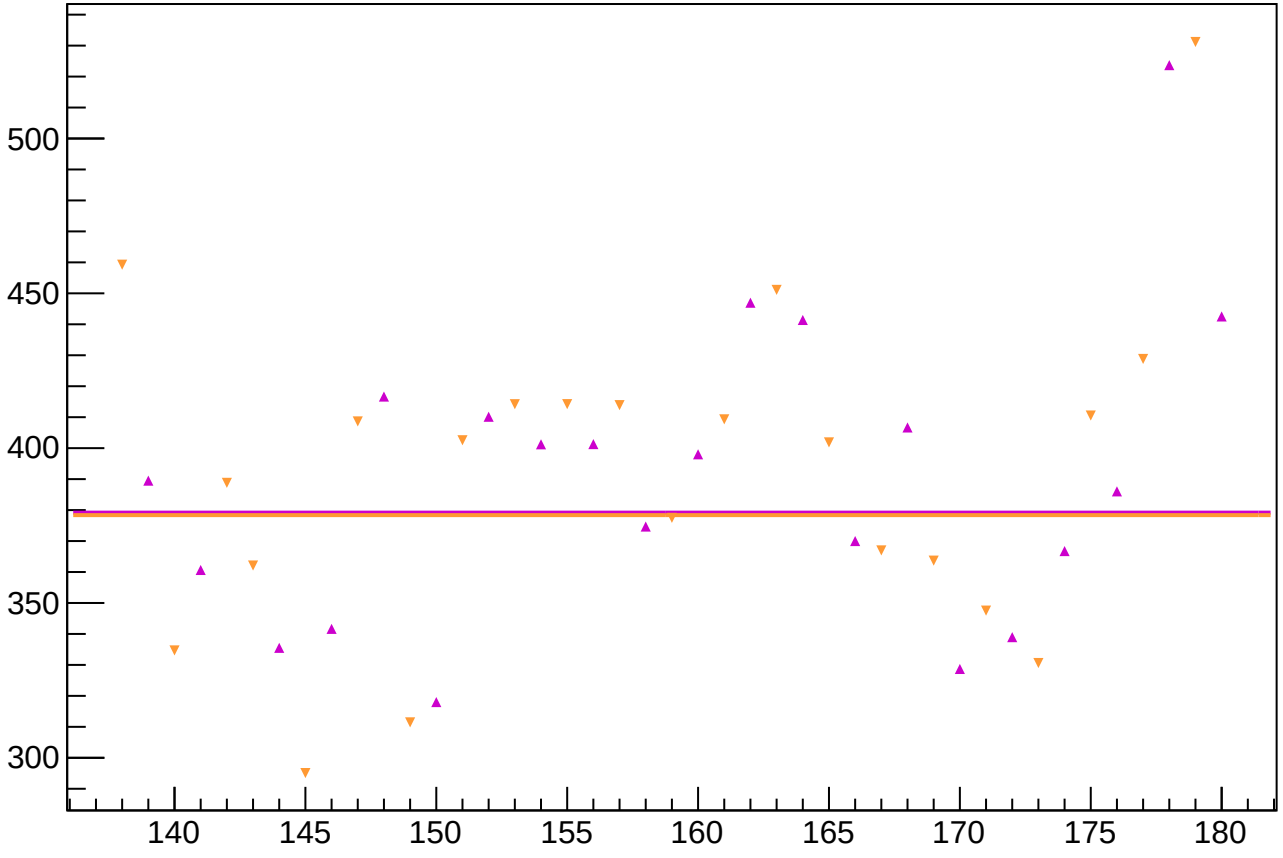
Left In: 95.980+/-93.939 χ^2/NDF:26.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 237.321+/-66.439 χ^2/NDF: 57.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_correction_rms vs Slug



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

Left Out: 378.371+/-0.066 χ^2/NDF:583461.7/21

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

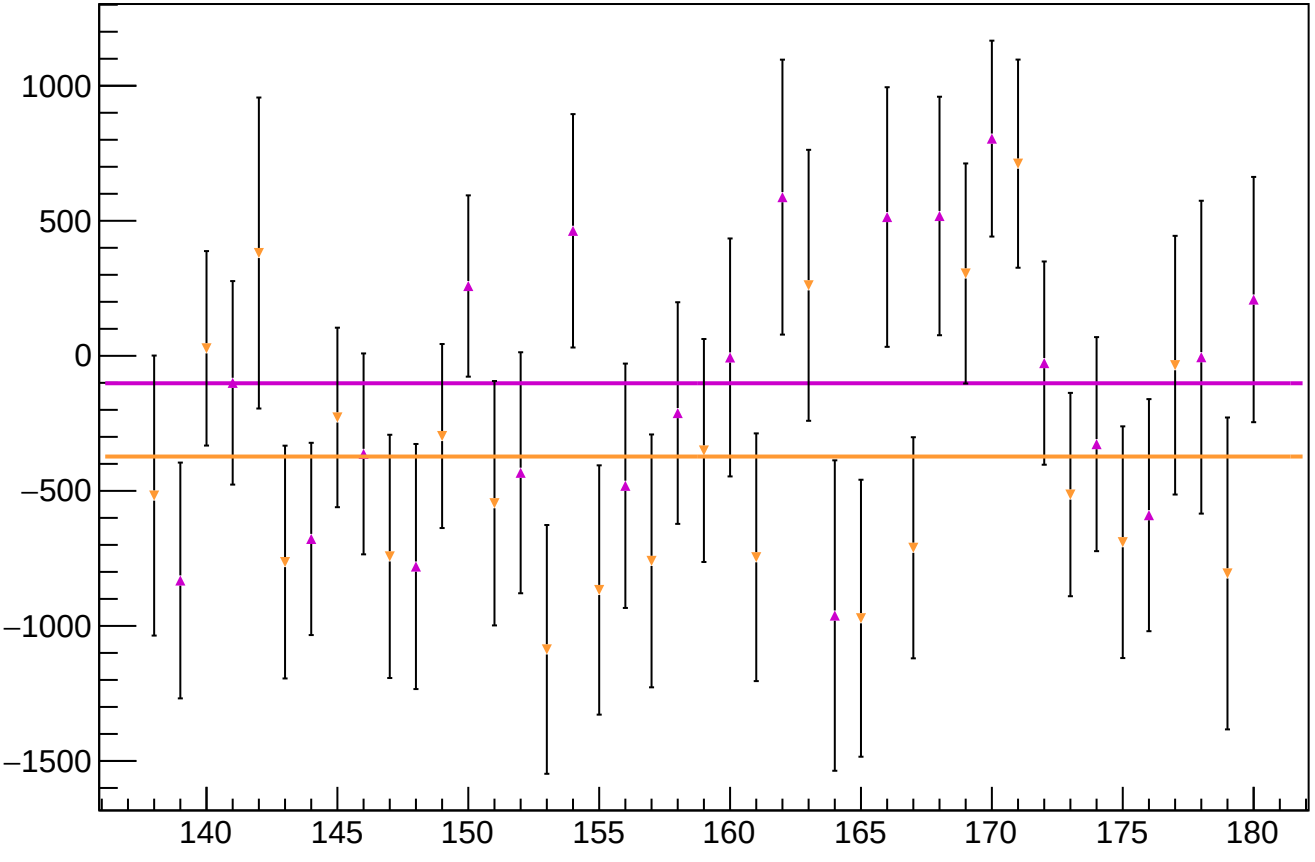
Left In: 379.178+/-0.066 χ^2/NDF:435830.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 378.775+/-0.047 χ^2/NDF: 1019365.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -372.847+/-91.954 χ^2/NDF:25.9/21

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

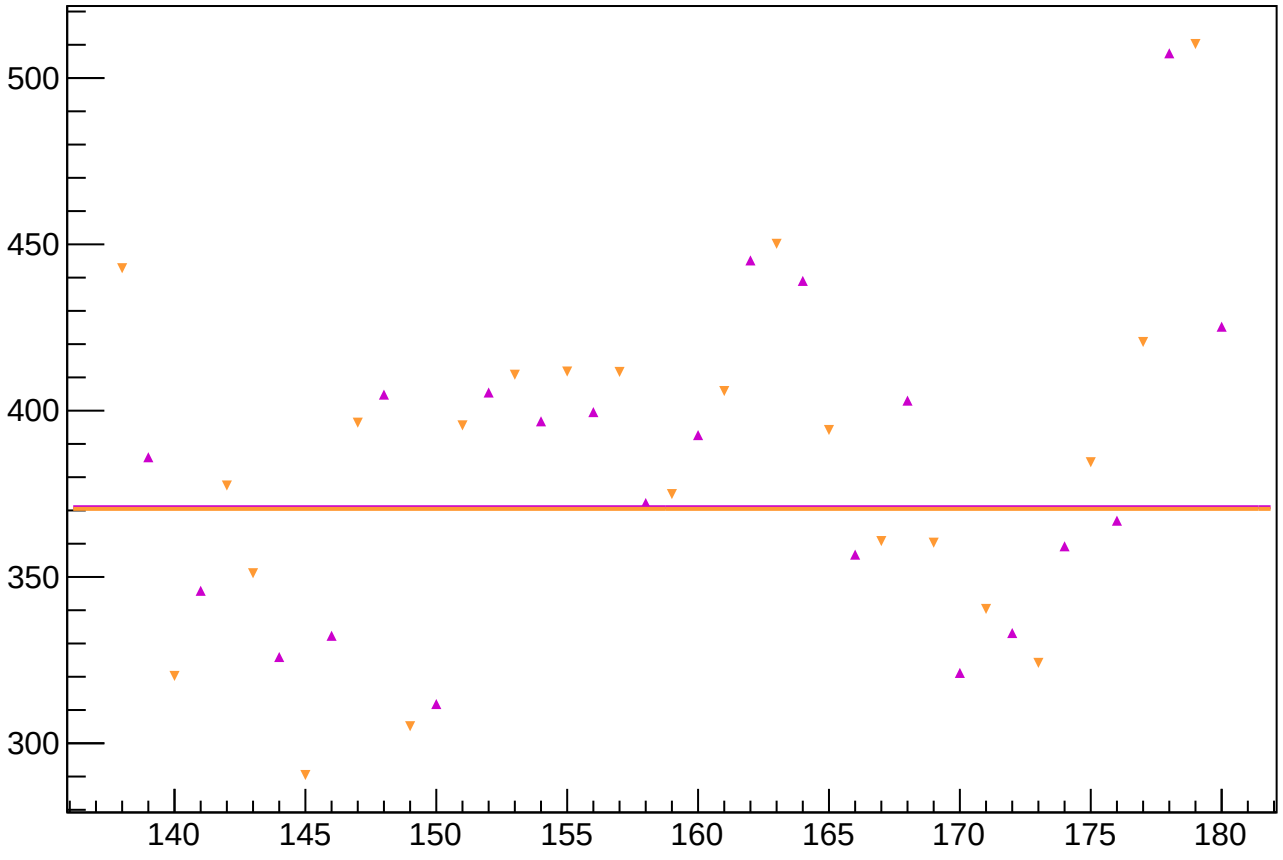
Left In: -101.523+/-92.007 χ^2/NDF:28.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -237.264+/-65.040 χ^2/NDF: 58.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 370.475+/-0.065 χ^2/NDF:584283.7/21

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

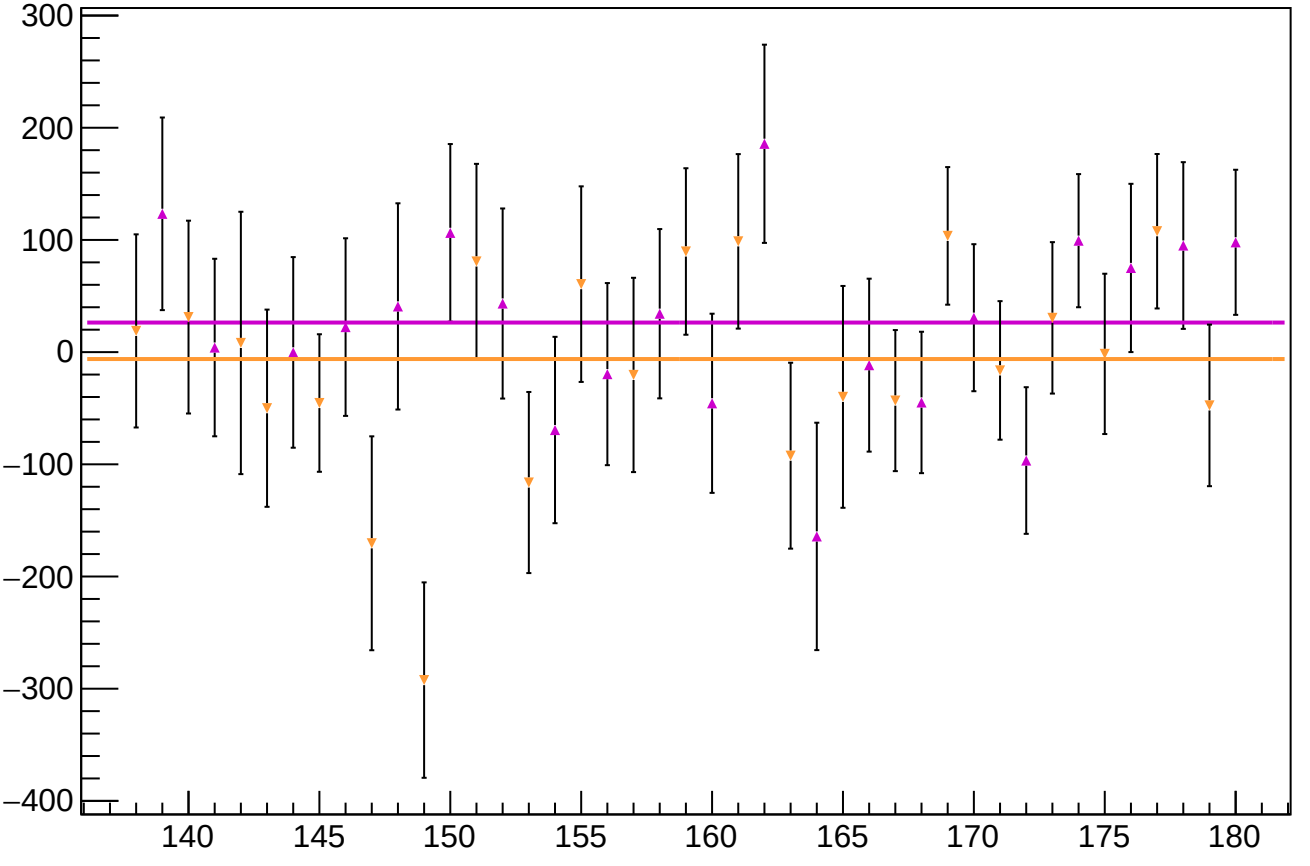
Left In: 370.968+/-0.065 χ^2/NDF:452432.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 370.721+/-0.046 χ^2/NDF: 1036744.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -6.157+/-16.380 χ^2/NDF:29.8/21

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

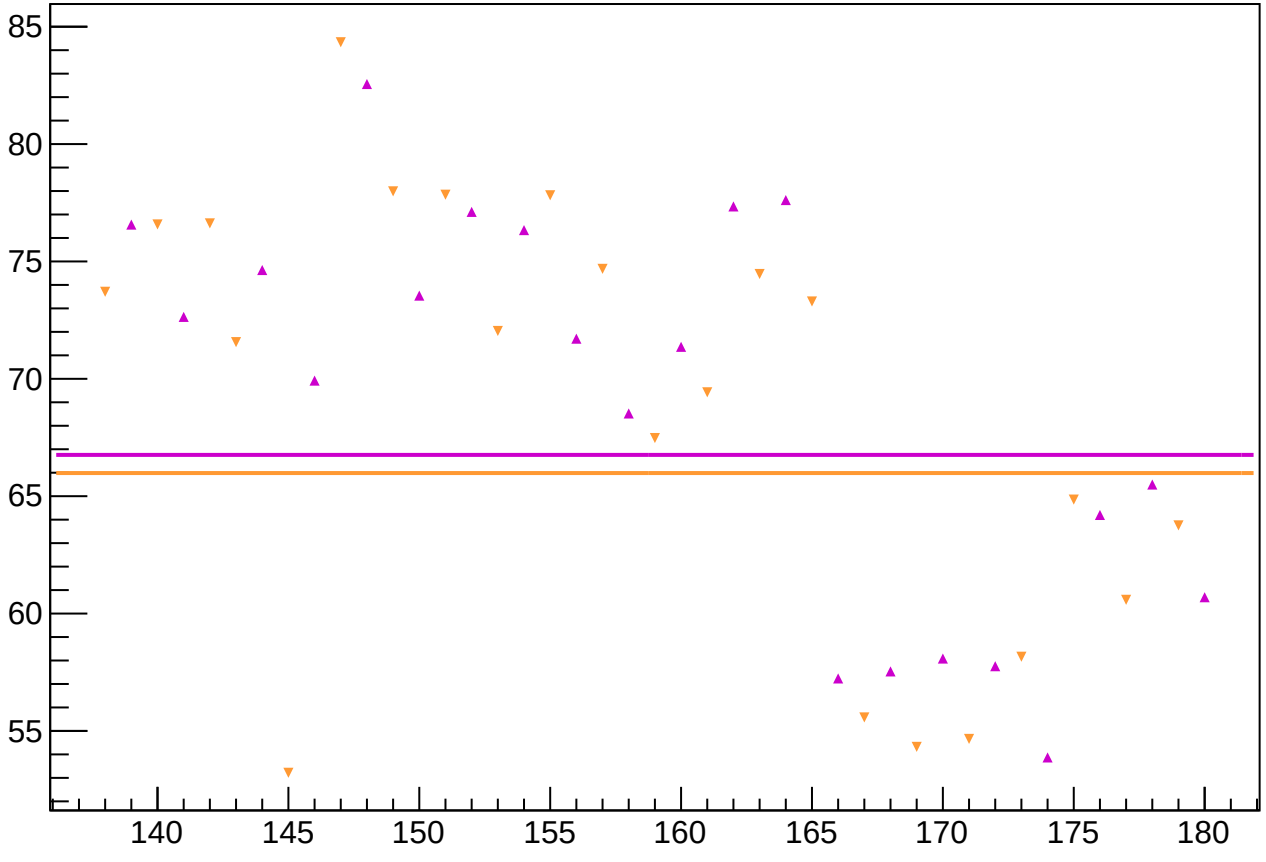
Left In: 26.357+/-16.586 χ^2/NDF:20.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.897+/-11.655 χ^2/NDF: 52.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 65.986+/-0.012 χ^2/NDF:648075.9/21

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

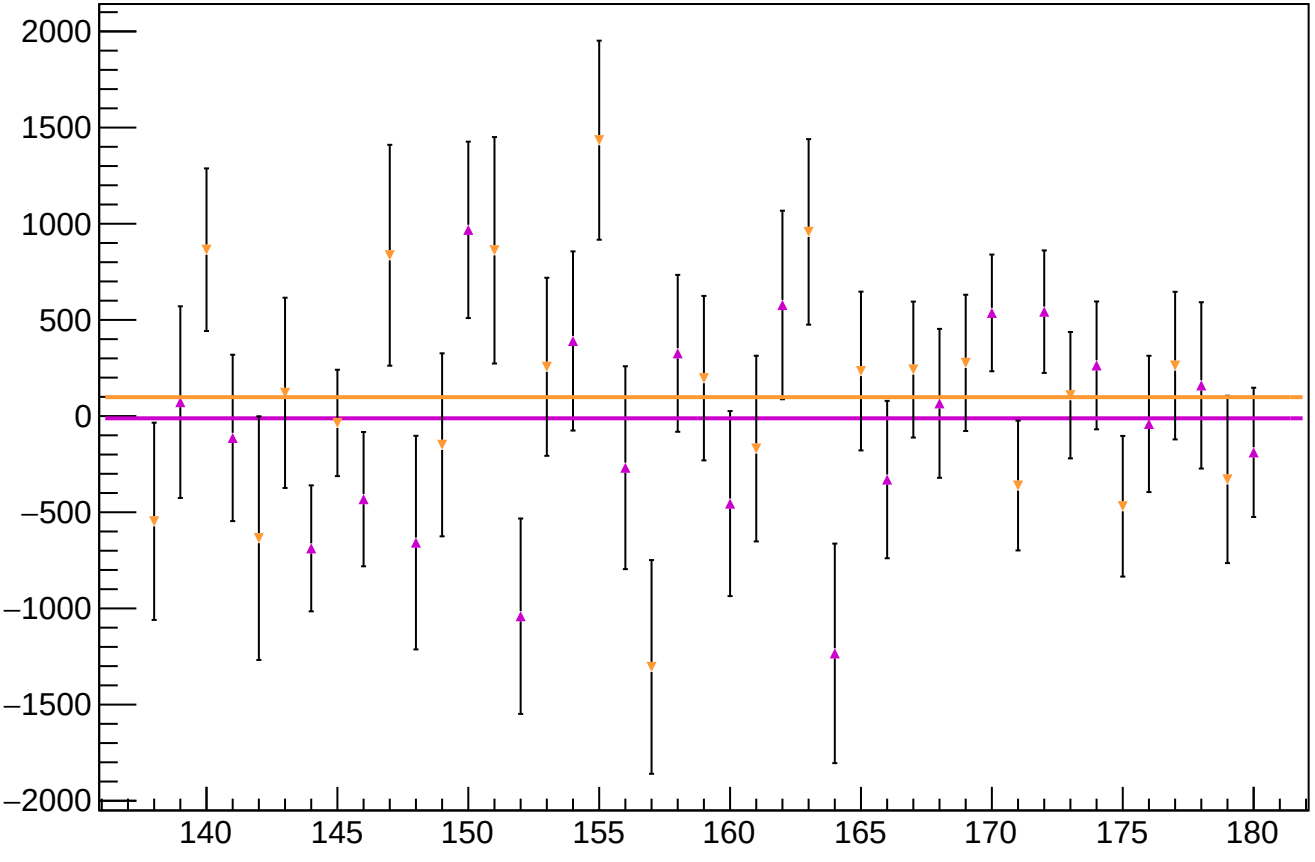
Left In: 66.759+/-0.012 χ^2/NDF:515863.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 66.368+/-0.008 χ^2/NDF: 1166140.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 98.396+/-89.606 χ^2/NDF:32.7/21

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

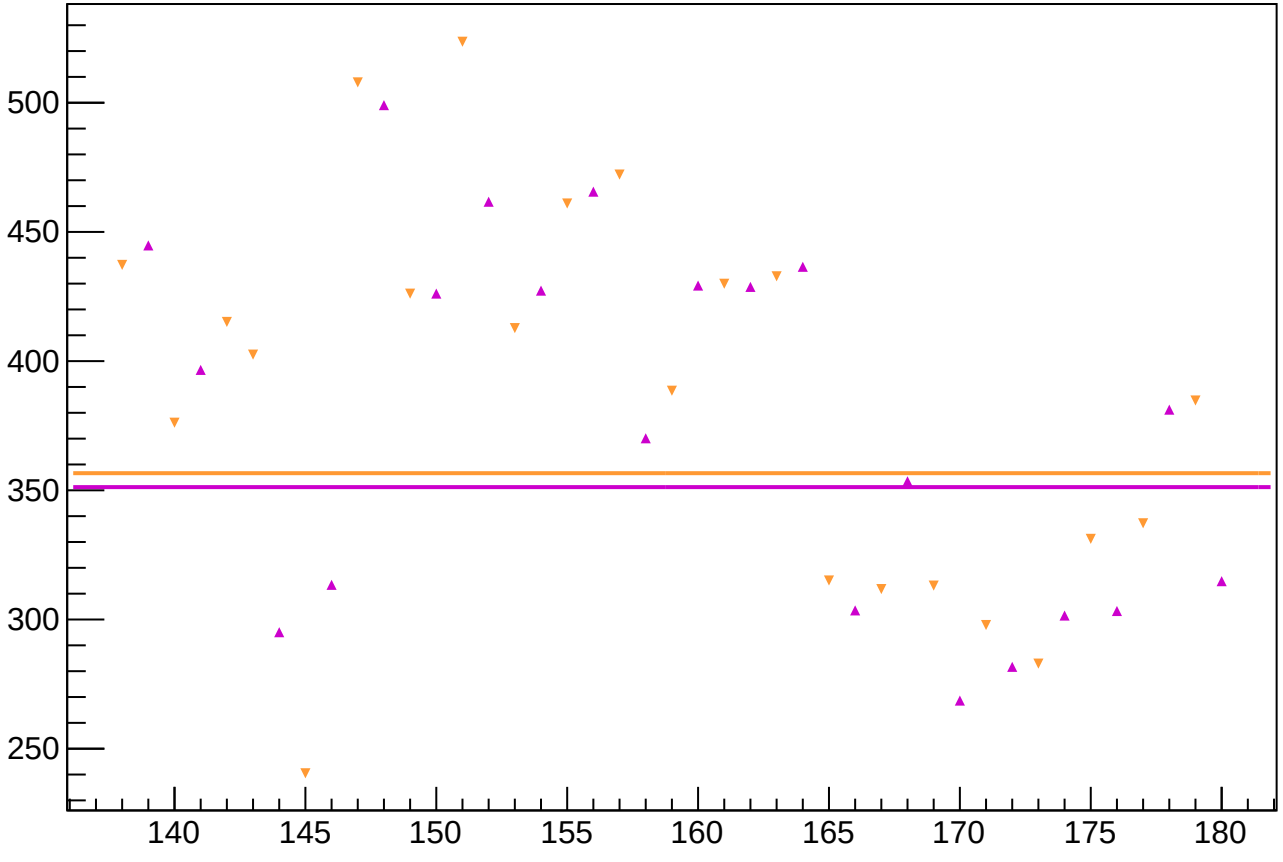
Left In: -11.551+/-88.004 χ^2/NDF:32.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 42.431+/-62.787 χ^2/NDF: 65.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_correction_rms vs Slug



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

Left Out: 356.633+/-0.063 χ^2/NDF:1354673.0/21

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

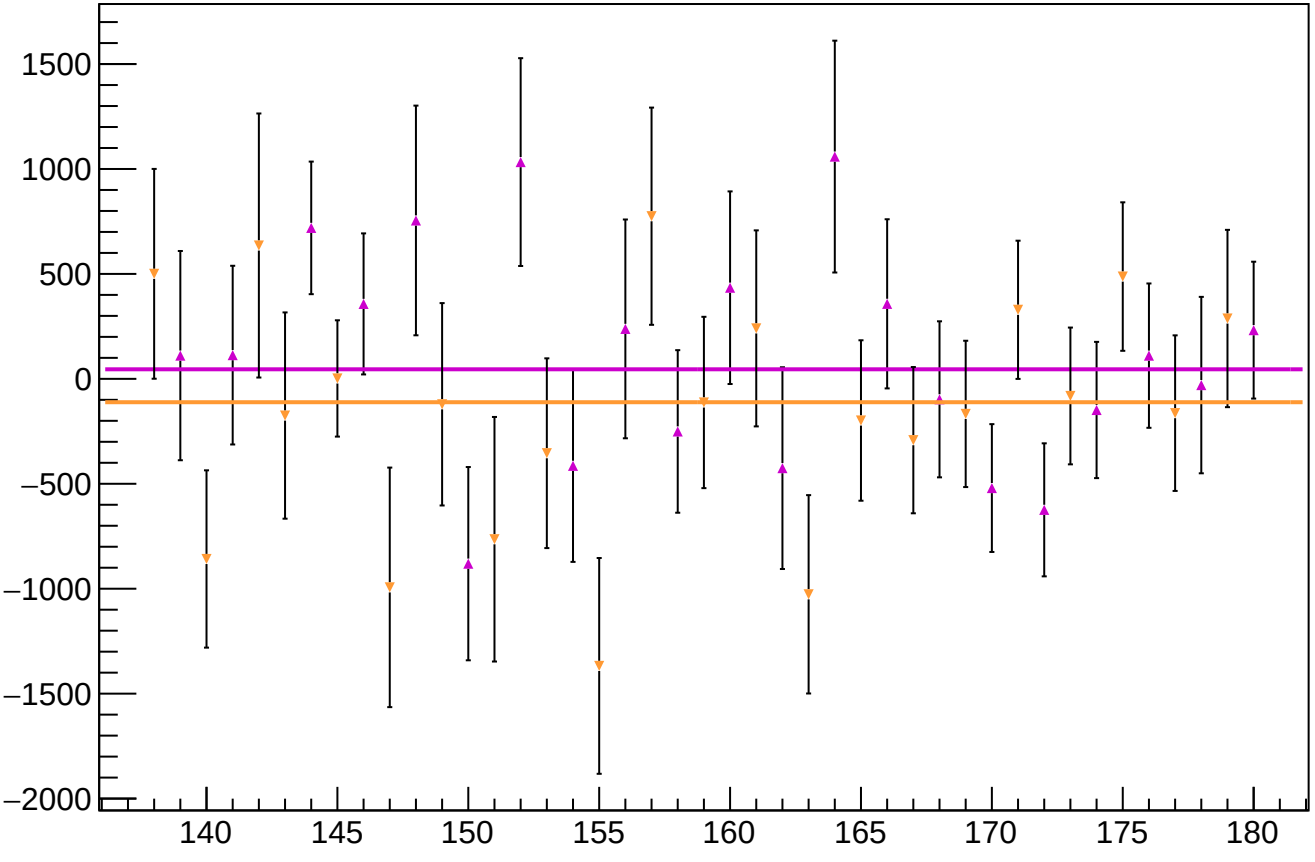
Left In: 351.238+/-0.062 χ^2/NDF:1148571.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 353.887+/-0.044 χ^2/NDF: 2506934.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -111.352+/-87.738 χ^2/NDF:29.3/21

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

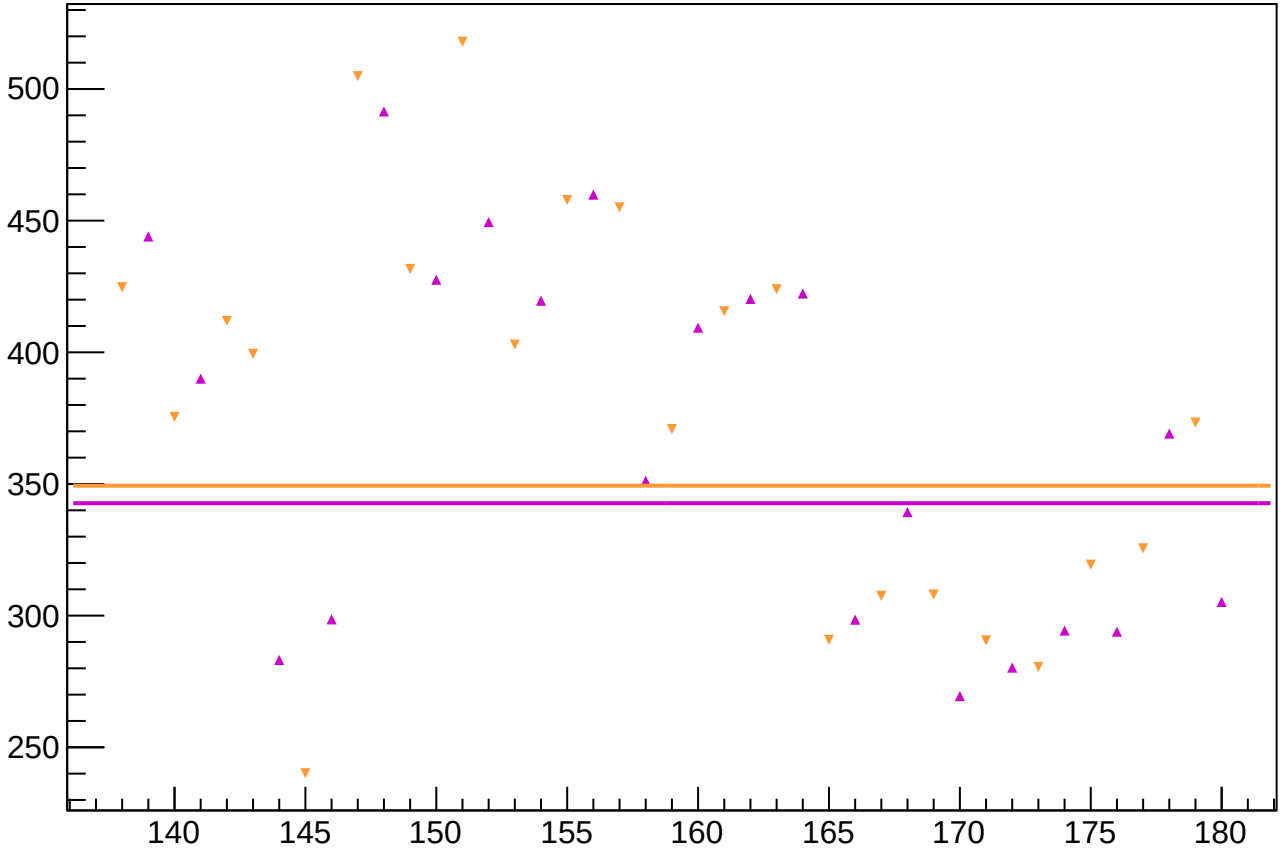
Left In: 45.505+/-86.012 χ^2/NDF:31.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -31.366+/-61.421 χ^2/NDF: 62.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 349.345+/-0.062 χ^2/NDF:1360708.8/21

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

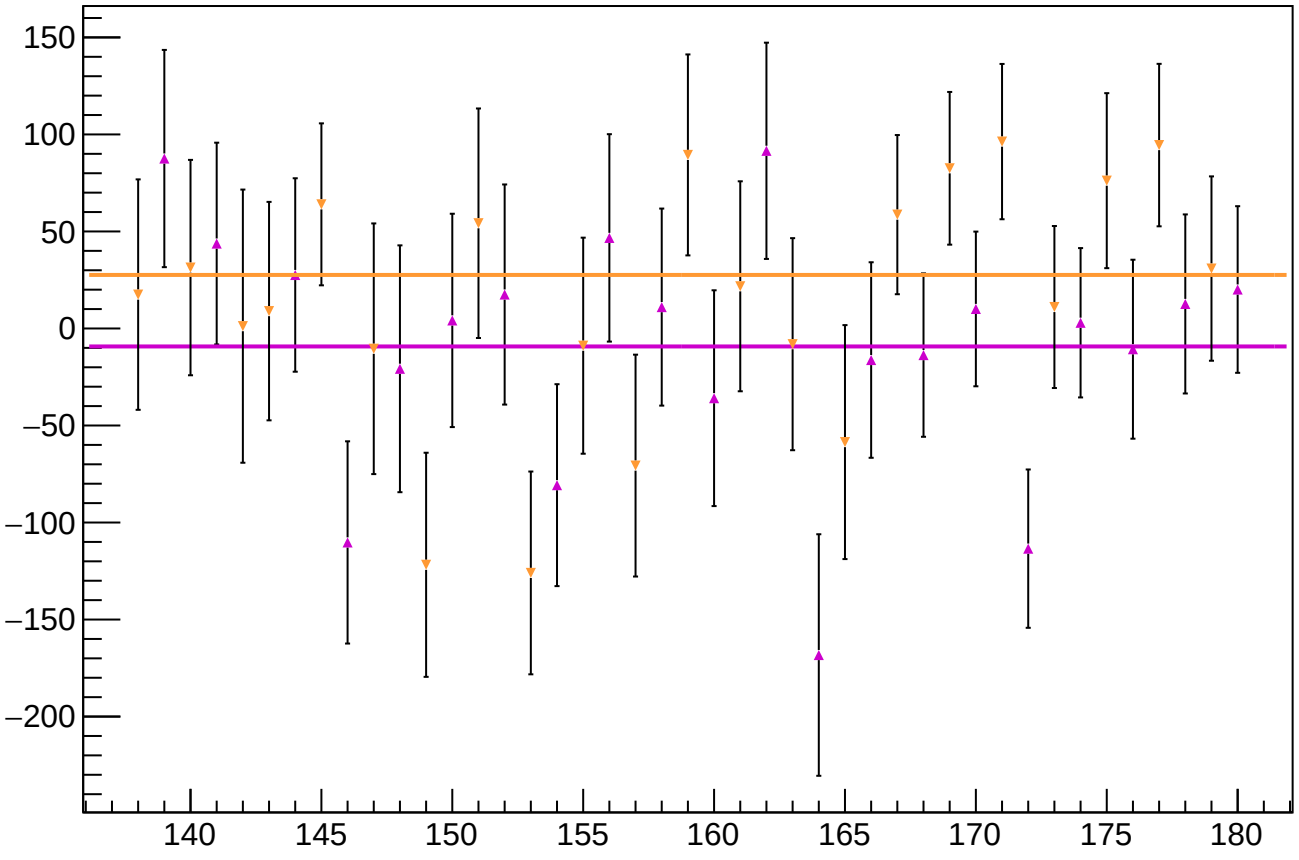
Left In: 342.697+/-0.061 χ^2/NDF:1152534.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 345.955+/-0.043 χ^2/NDF: 2519098.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



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

Left Out: 27.592+/-10.667 χ^2/NDF:33.6/21

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

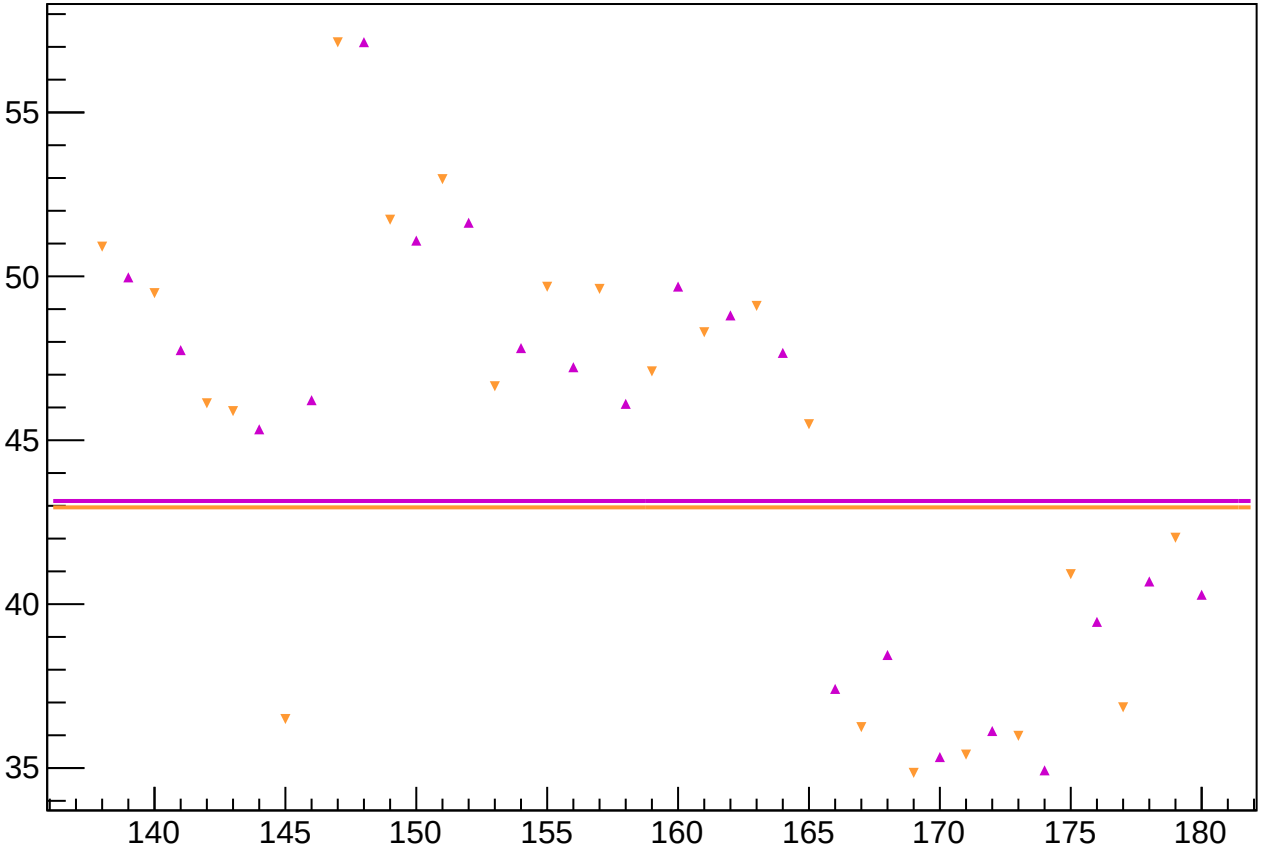
Left In: -9.263+/-10.718 χ^2/NDF:29.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.252+/-7.560 χ^2/NDF: 68.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 42.953+/-0.008 χ^2/NDF:760798.1/21

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

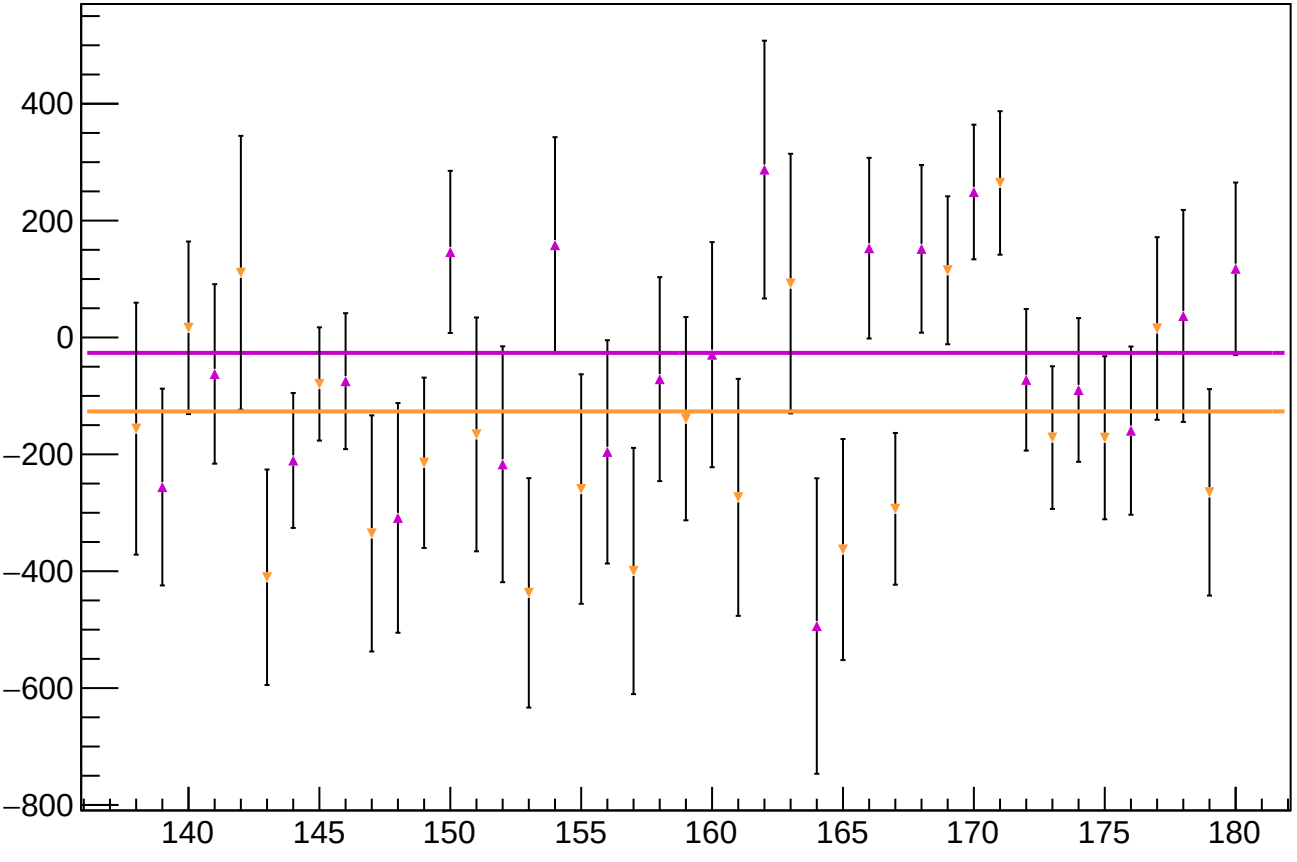
Left In: 43.147+/-0.008 χ^2/NDF:638302.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 43.050+/-0.005 χ^2/NDF: 1399432.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_correction_mean vs Slug



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

Left Out: -126.508+/-33.756 χ^2/NDF:30.9/21

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

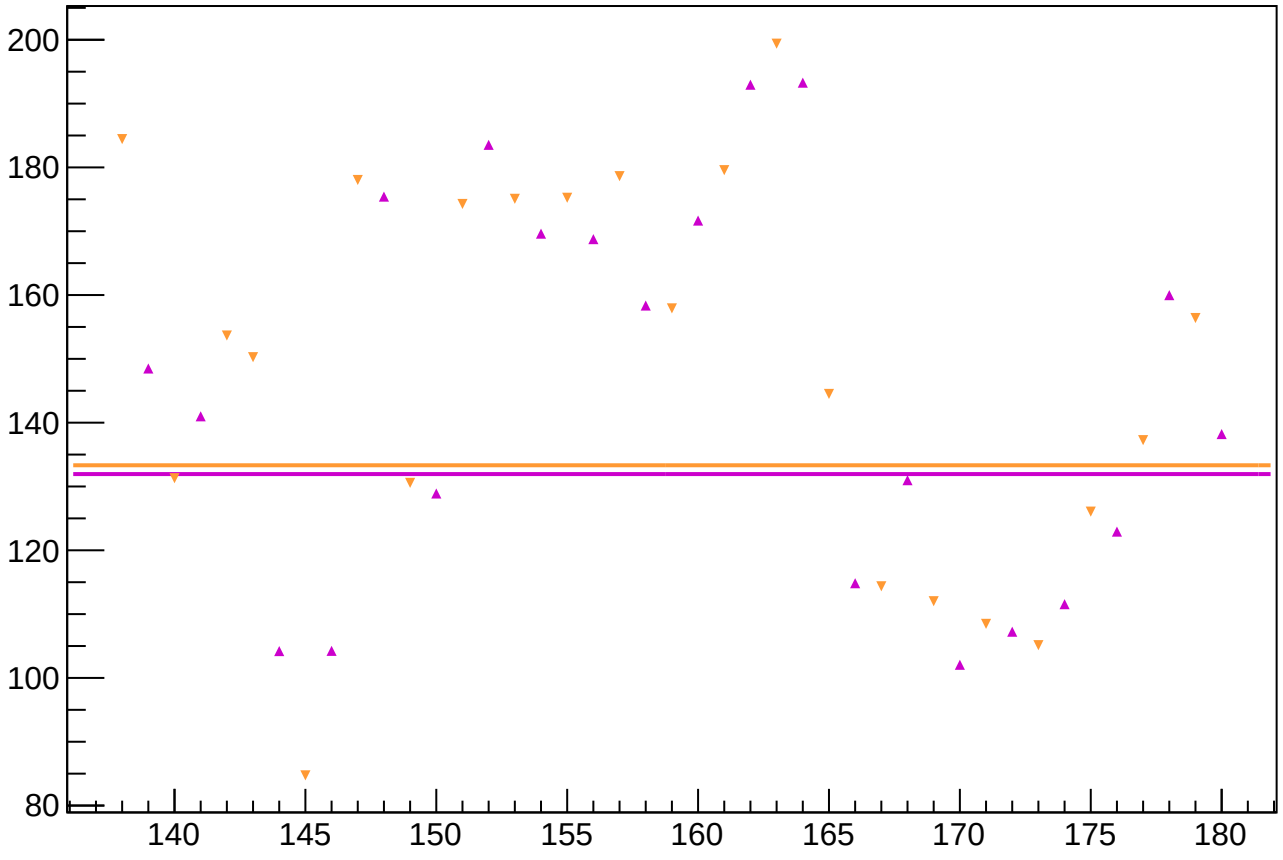
Left In: -26.366+/-33.216 χ^2/NDF:27.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -75.629+/-23.676 χ^2/NDF: 62.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 133.324+/-0.024 χ^2/NDF:1760684.2/21

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

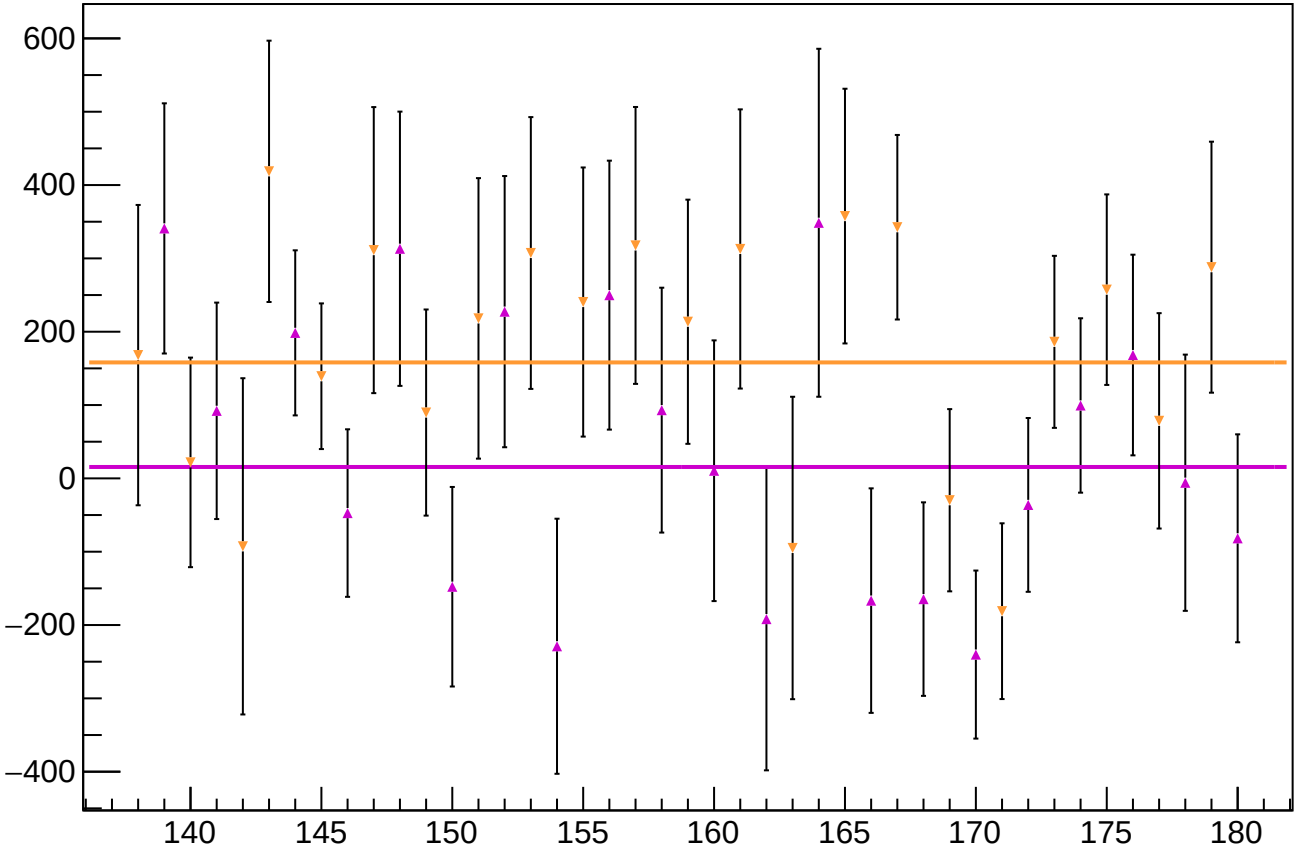
Left In: 131.944+/-0.023 χ^2/NDF:1400252.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 132.623+/-0.017 χ^2/NDF: 3162634.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 158.129+/-32.511 χ^2/NDF:24.4/21

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

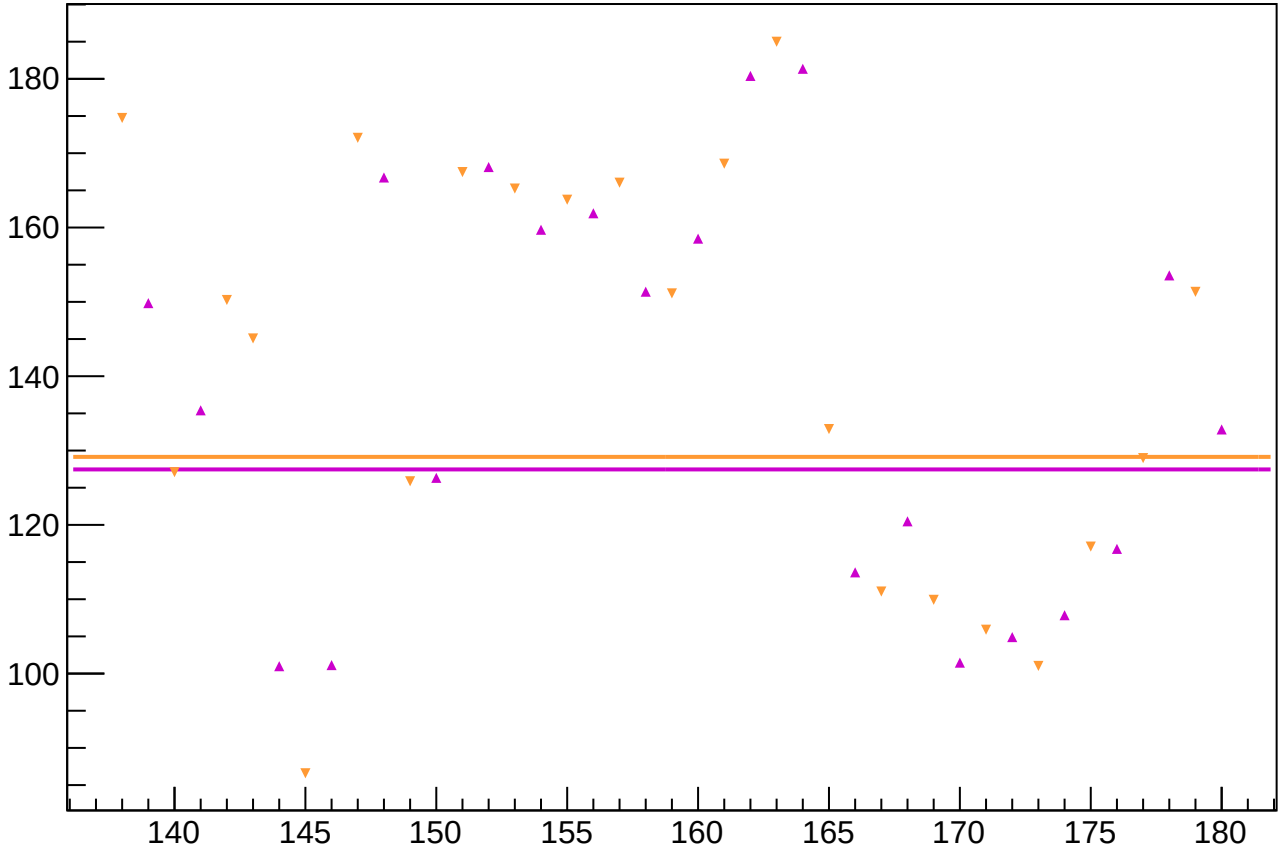
Left In: 15.543+/-32.053 χ^2/NDF:29.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 85.825+/-22.825 χ^2/NDF: 63.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 129.149+/-0.023 χ^2/NDF:1499889.8/21

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

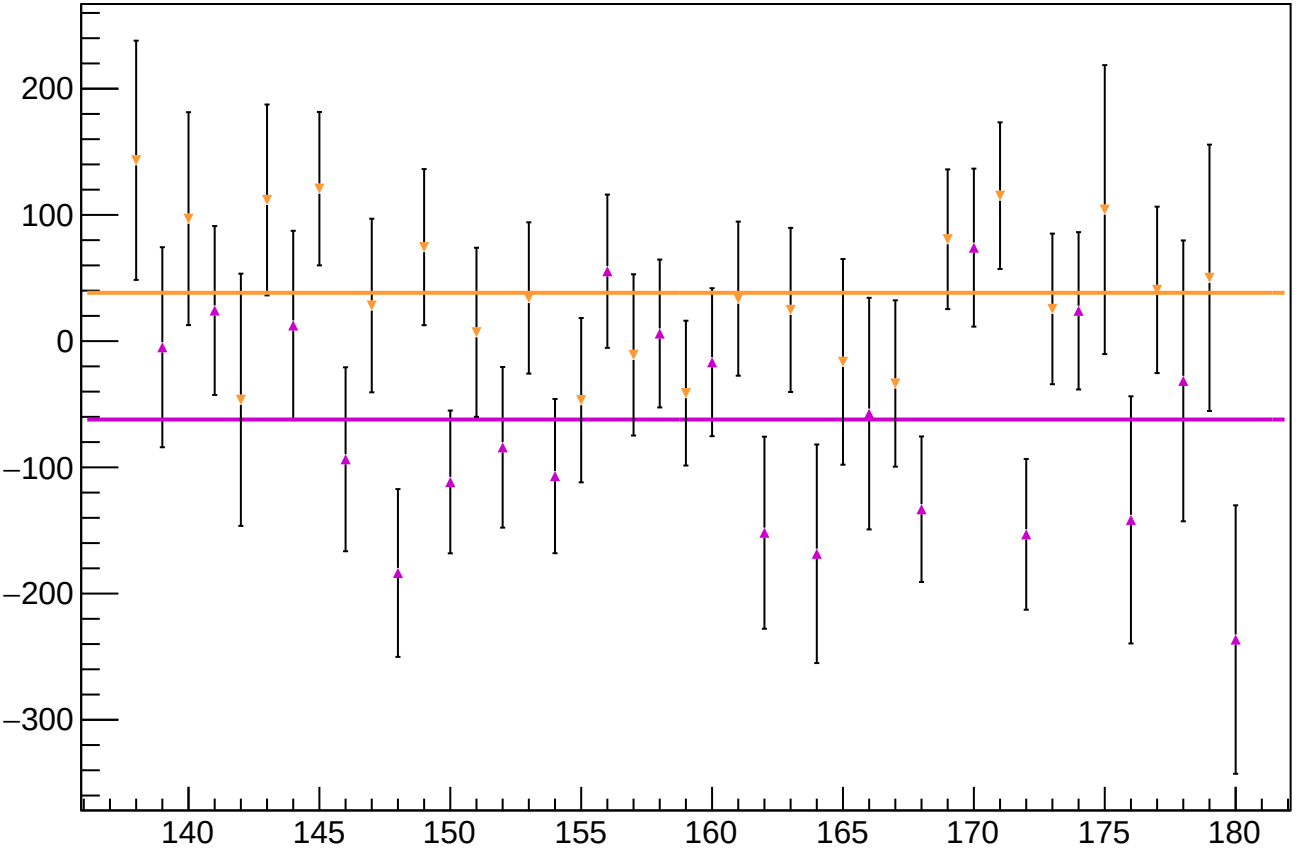
Left In: 127.461+/-0.023 χ^2/NDF:1229672.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 128.293+/-0.016 χ^2/NDF: 2732295.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 38.302+/-14.521 χ^2/NDF:14.4/21

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

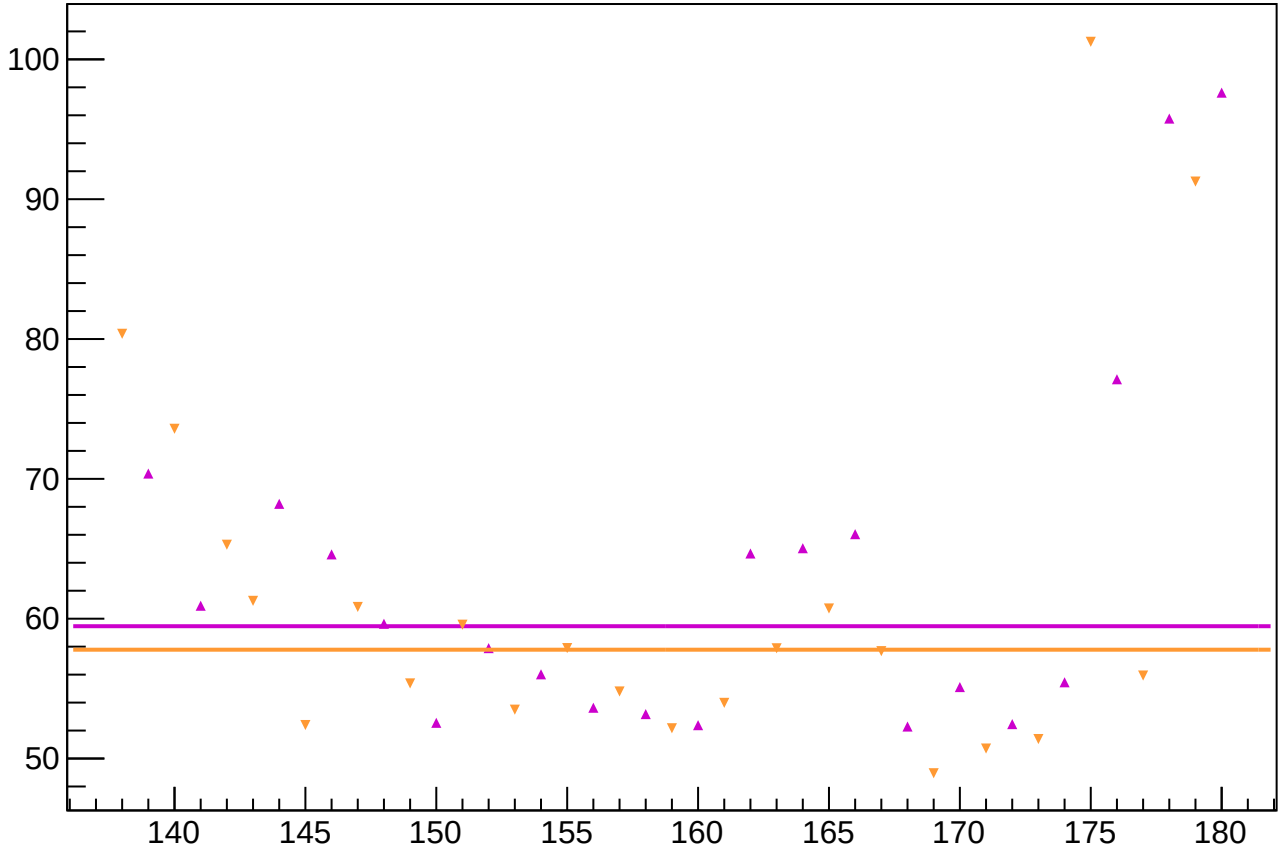
Left In: -62.113+/-14.993 χ^2/NDF:30.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.302+/-10.431 χ^2/NDF: 68.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 57.783+/-0.010 χ^2/NDF:862714.7/21

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

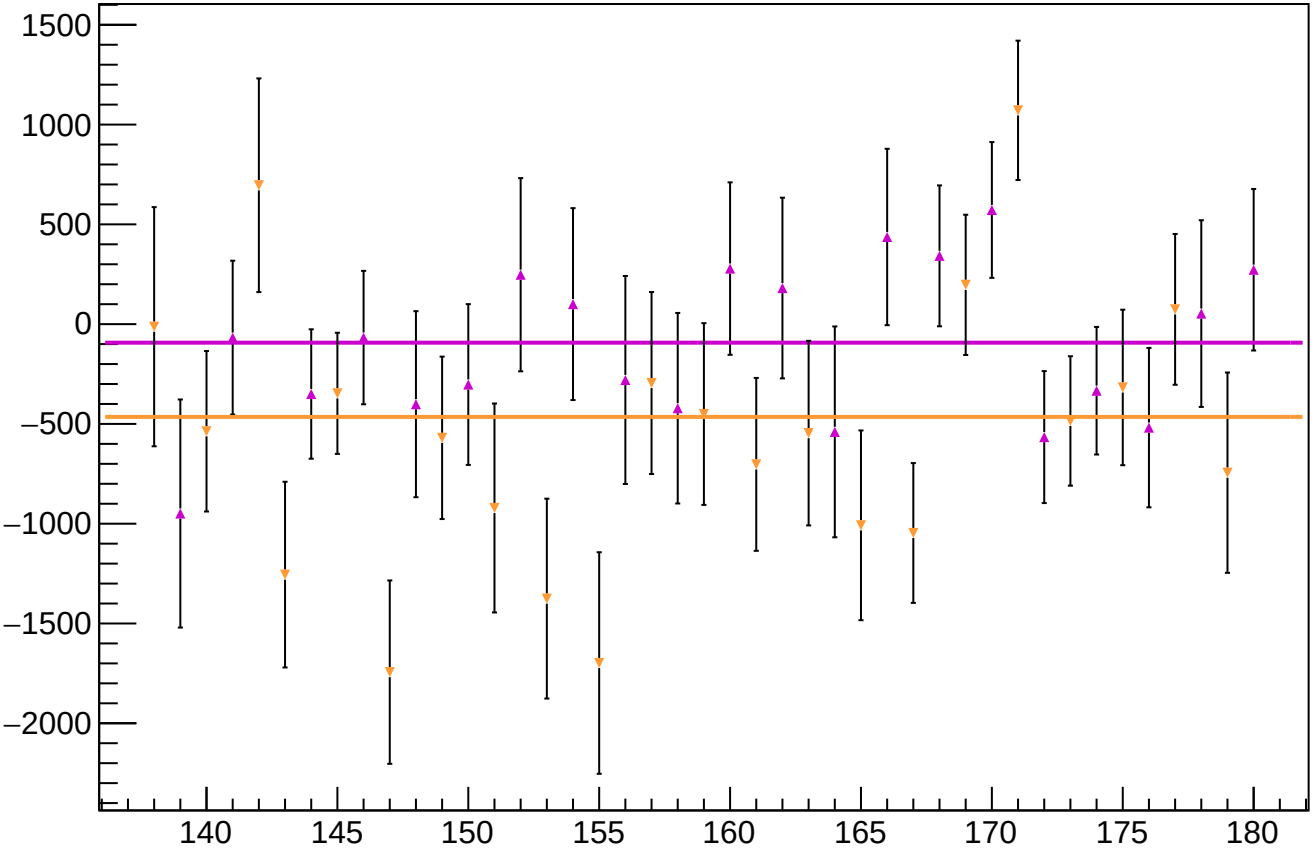
Left In: 59.462+/-0.011 χ^2/NDF:823843.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 58.596+/-0.007 χ^2/NDF: 1699509.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_correction_mean vs Slug



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

Left Out: -464.852+/-89.373 χ^2/NDF:55.1/21

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

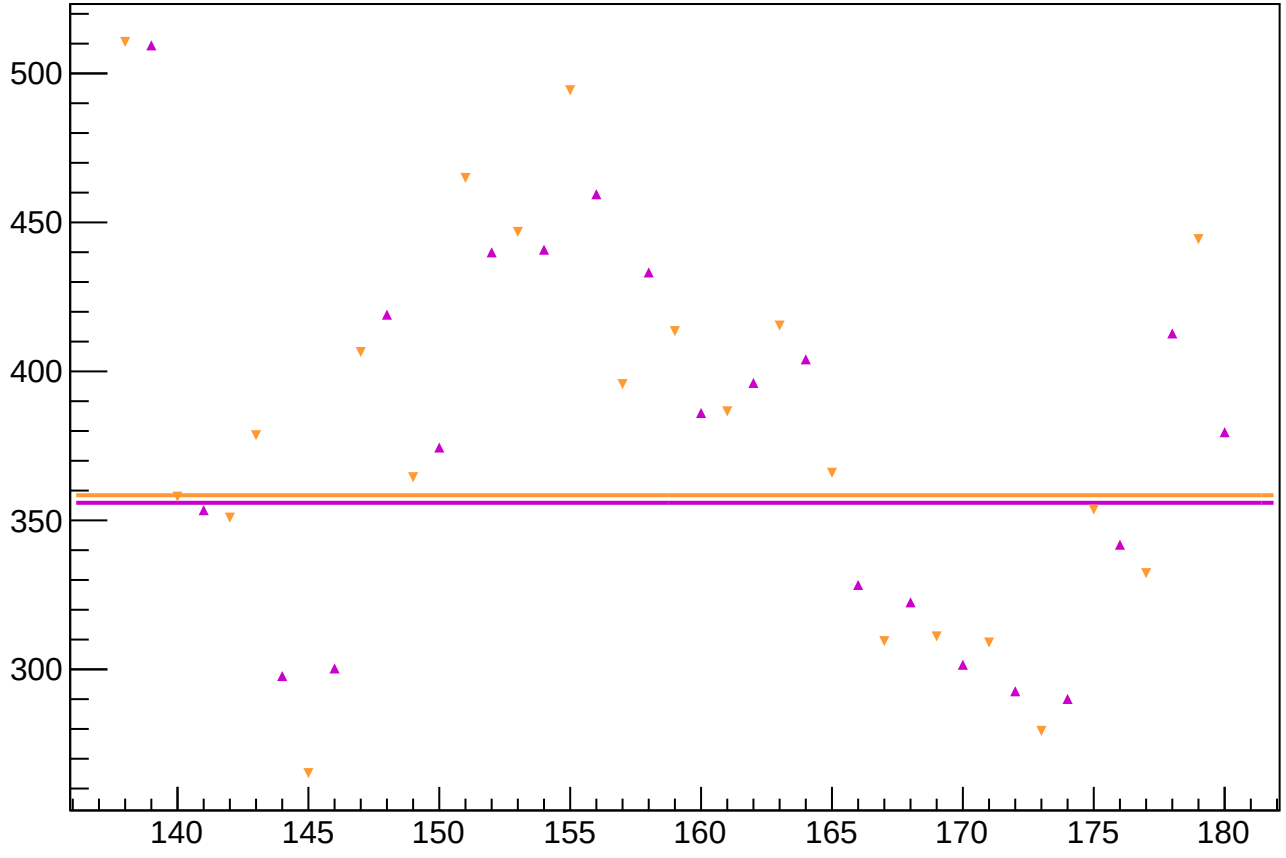
Left In: -92.890+/-88.680 χ^2/NDF:18.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -277.423+/-62.950 χ^2/NDF: 81.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_correction_rms vs Slug



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

Left Out: 358.439+/-0.063 χ^2/NDF:994348.9/21

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

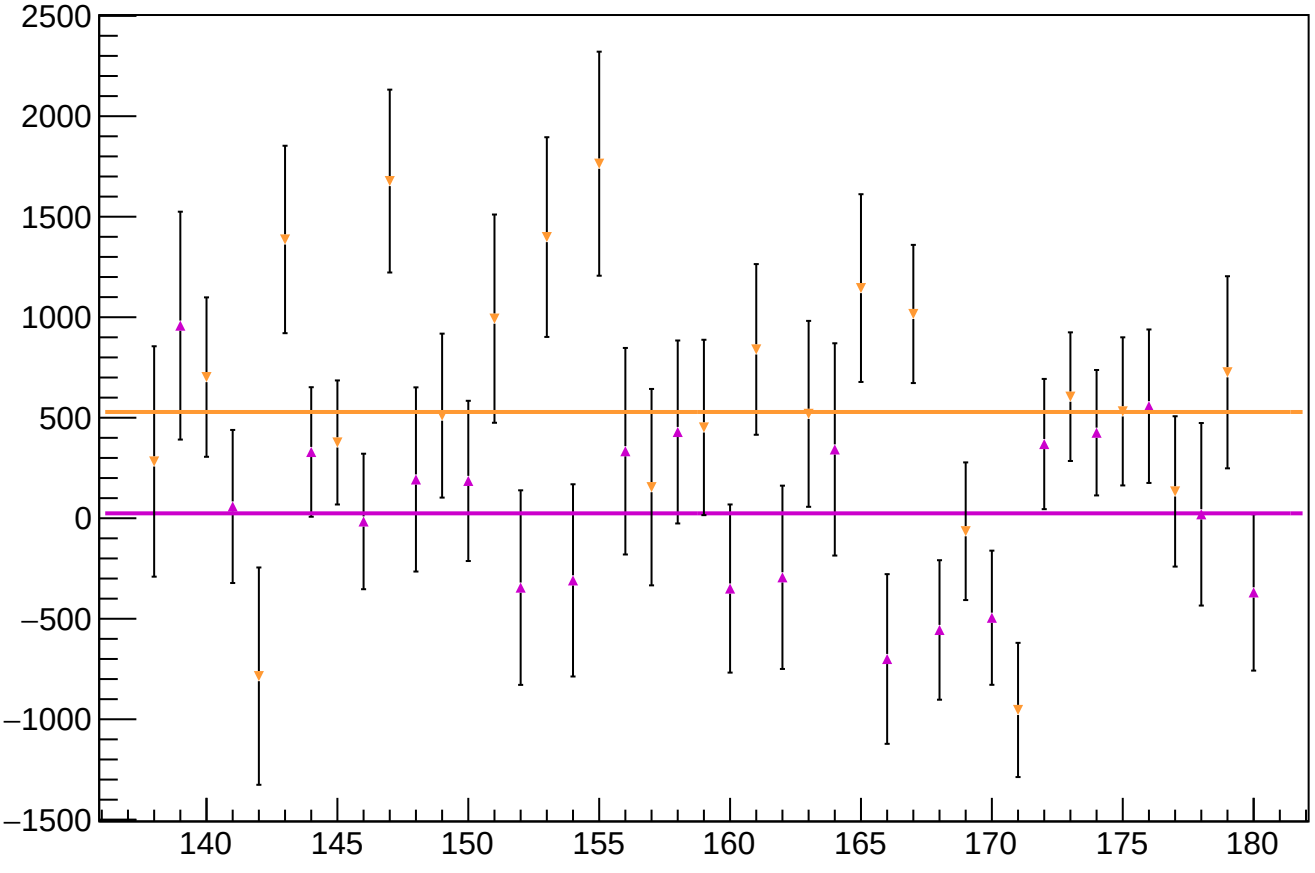
Left In: 355.901+/-0.063 χ^2/NDF:874878.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 357.160+/-0.045 χ^2/NDF: 1870040.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_mean vs Slug



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

Left Out: 528.624+/-88.160 χ^2/NDF:54.1/21

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

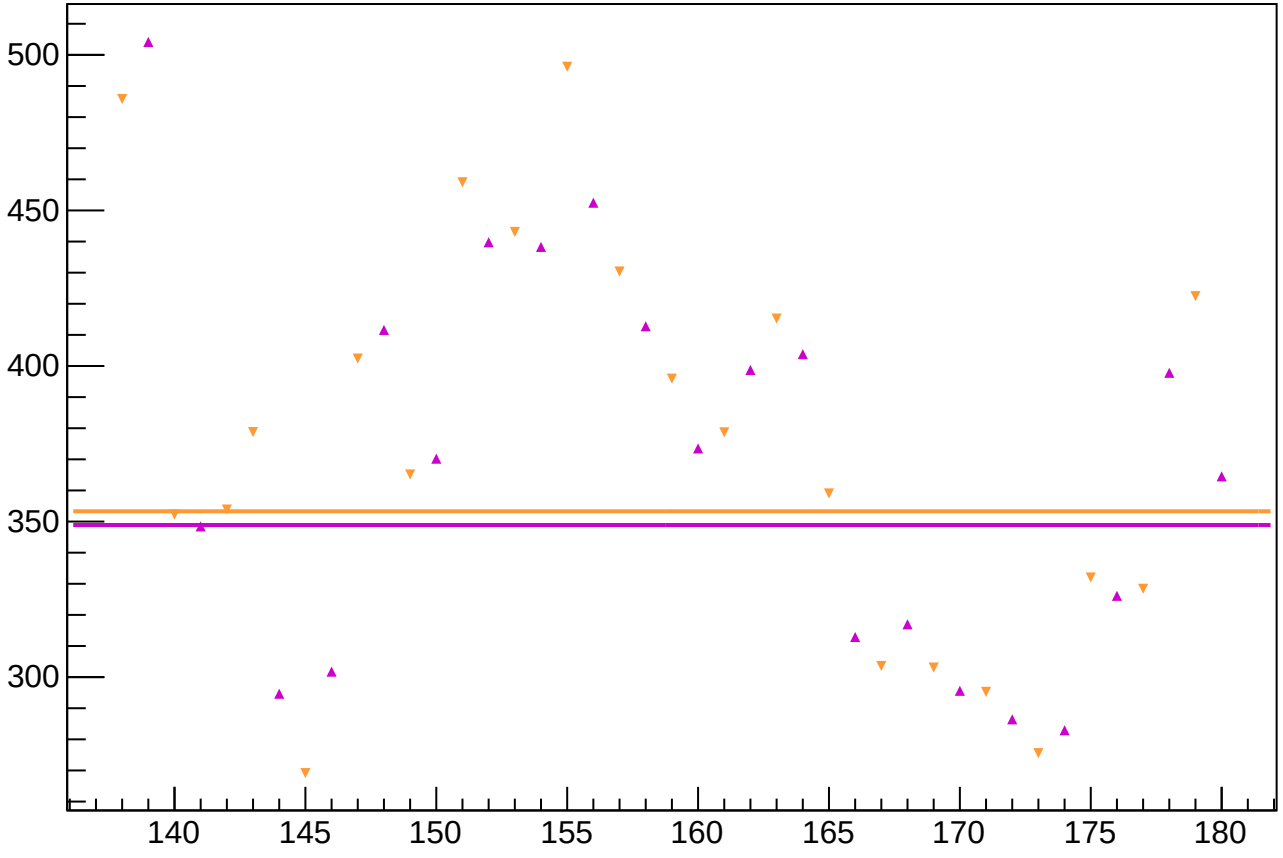
Left In: 24.430+/-87.069 χ^2/NDF:21.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 273.388+/-61.949 χ^2/NDF: 92.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_avg_rms vs Slug



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

Left Out: 353.307+/-0.062 χ^2/NDF:999852.1/21

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

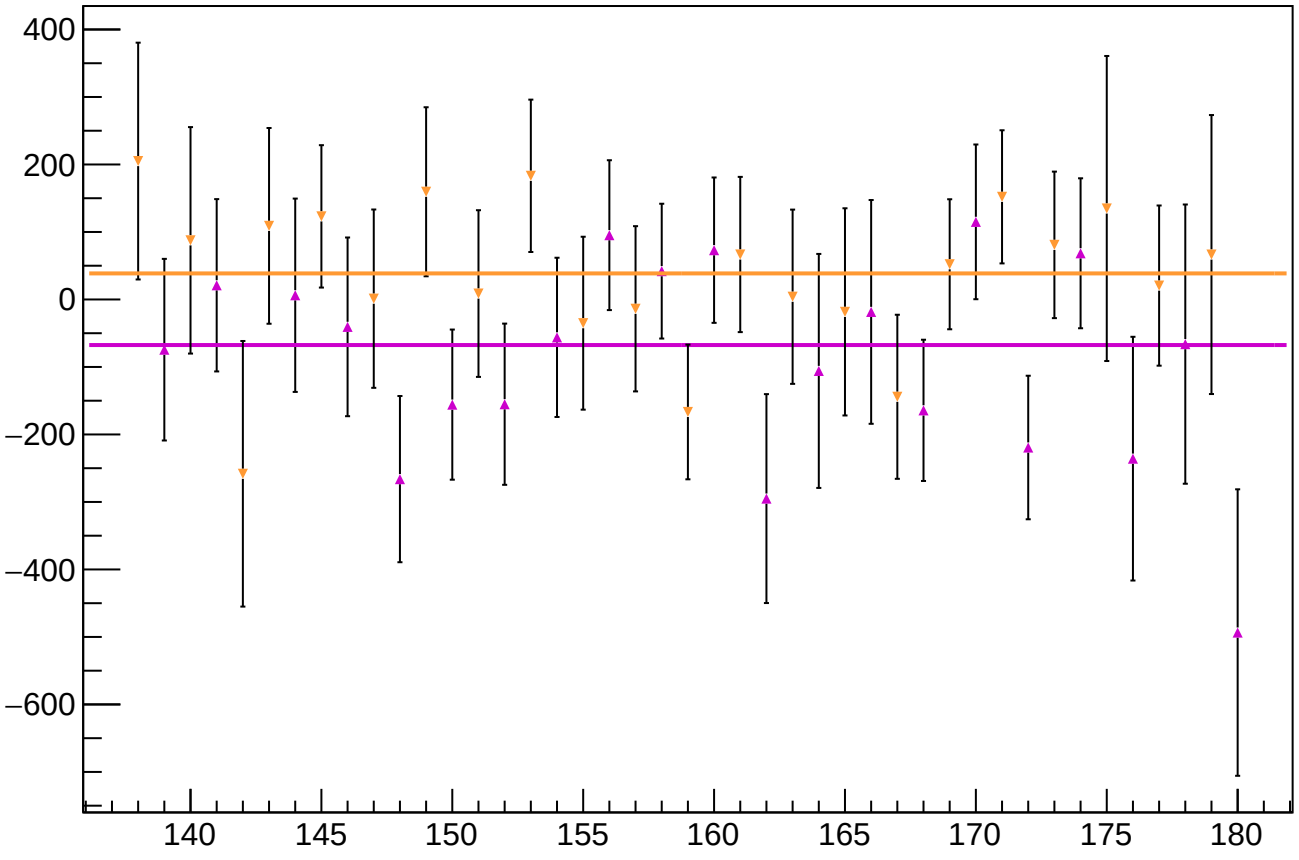
Left In: 348.890+/-0.062 χ^2/NDF:882487.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 351.071+/-0.044 χ^2/NDF: 1884880.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



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

Left Out: 38.605+/-26.920 χ^2/NDF:15.8/21

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

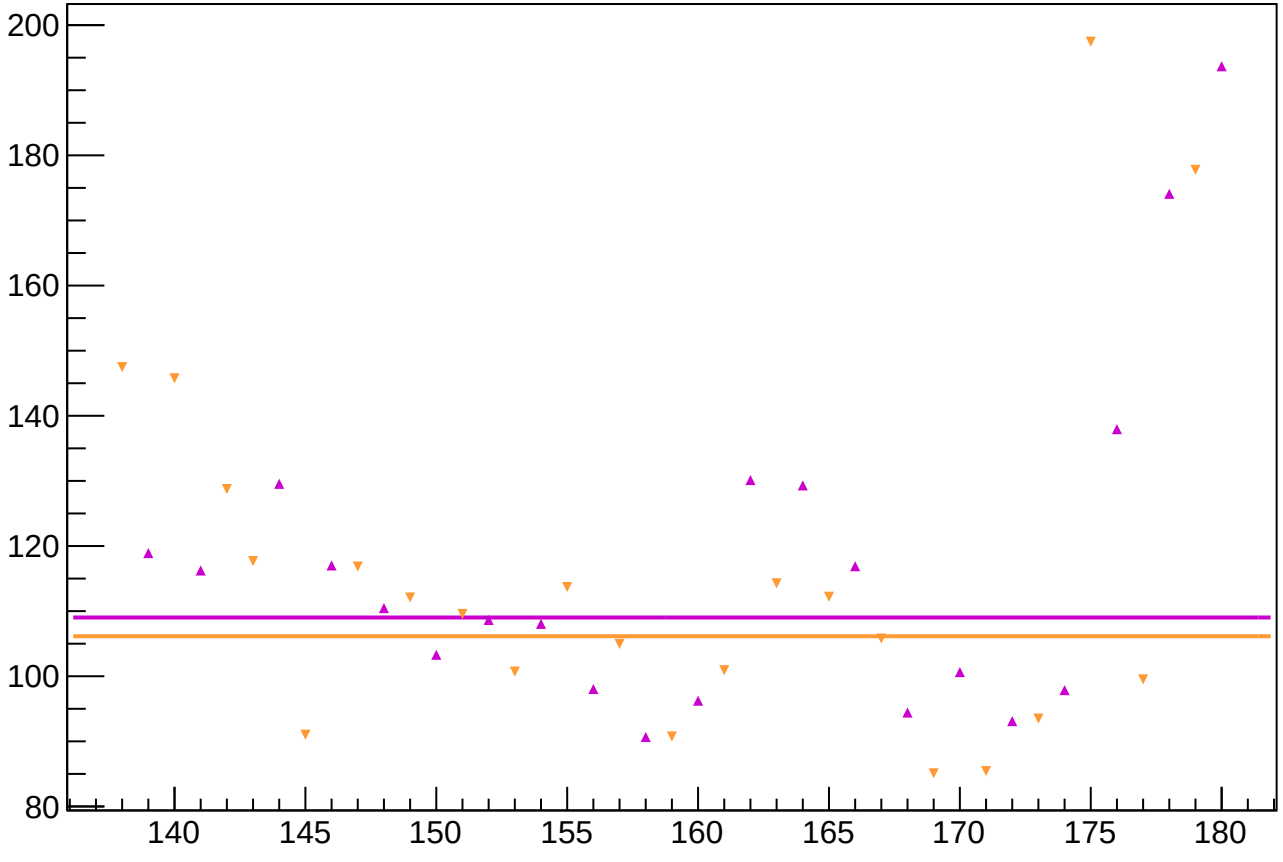
Left In: -67.522+/-27.698 χ^2/NDF:23.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.948+/-19.305 χ^2/NDF: 47.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_2468_avg_rms vs Slug



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

Left Out: 106.142+/-0.019 χ^2/NDF:1180456.0/21

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

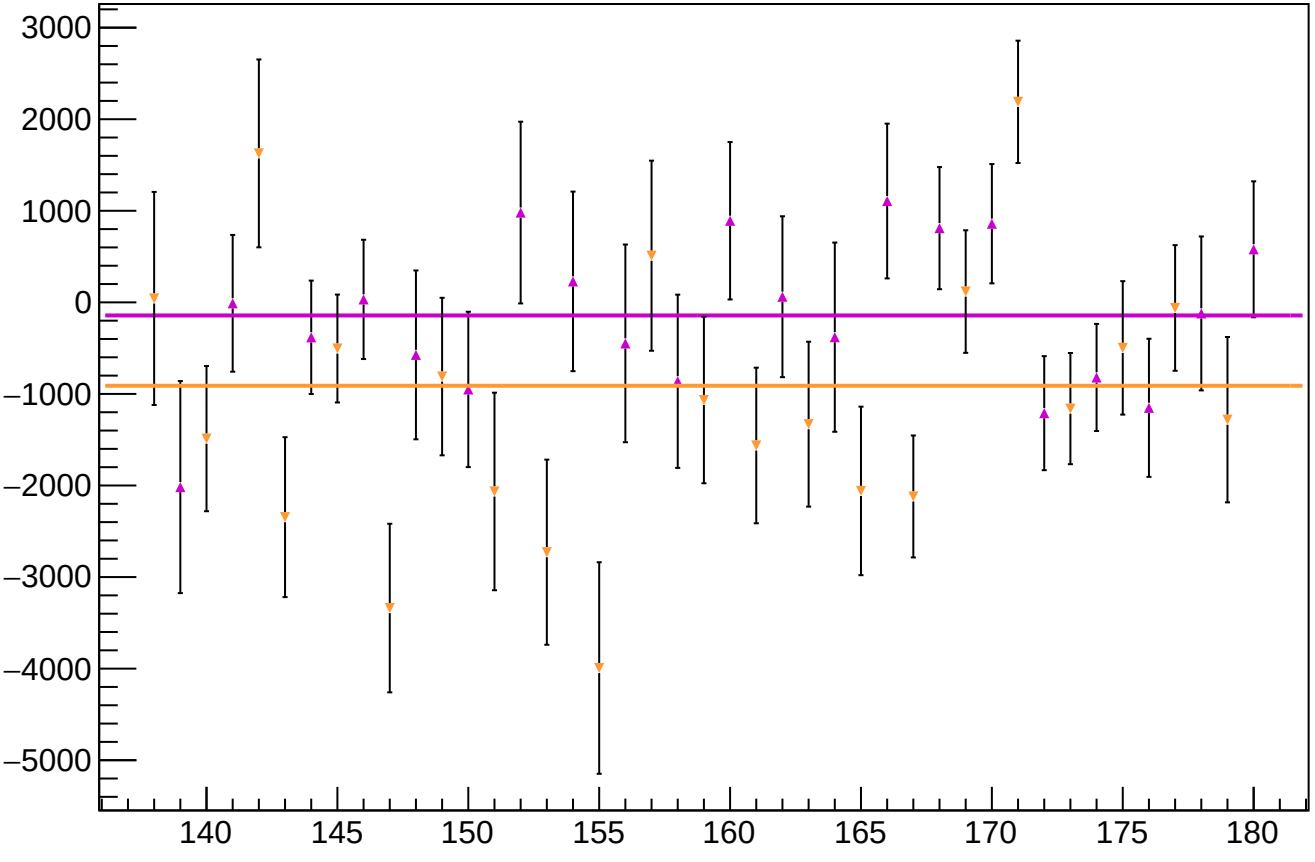
Left In: 109.022+/-0.020 χ^2/NDF:937839.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 107.541+/-0.014 χ^2/NDF: 2129417.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_correction_mean vs Slug



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

Left Out: -910.755+/-173.548 χ^2/NDF:62.6/21

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

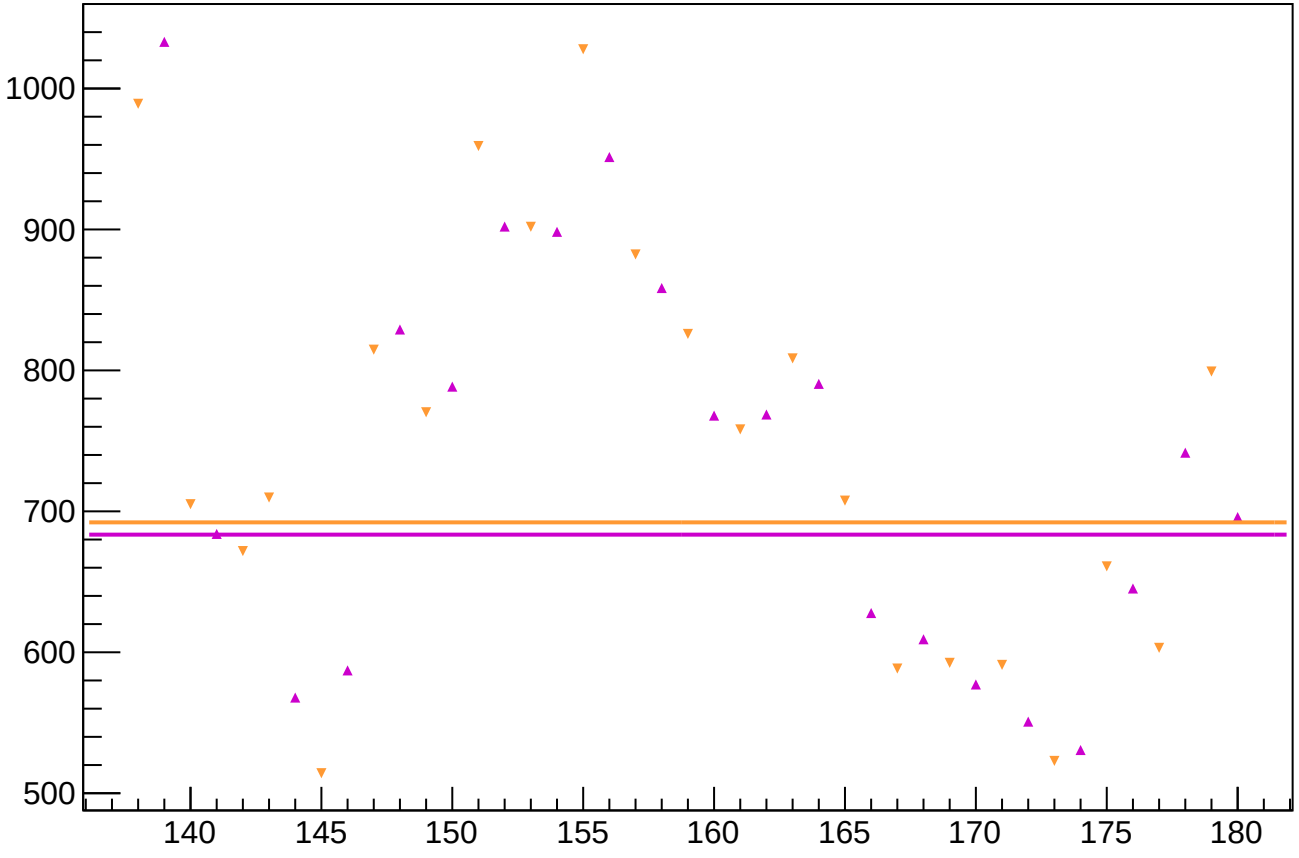
Left In: -142.973+/-171.040 χ^2/NDF:21.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -521.277+/-121.820 χ^2/NDF: 93.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_correction_rms vs Slug



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

Left Out: 692.176+/-0.123 χ^2/NDF:1260173.5/21

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

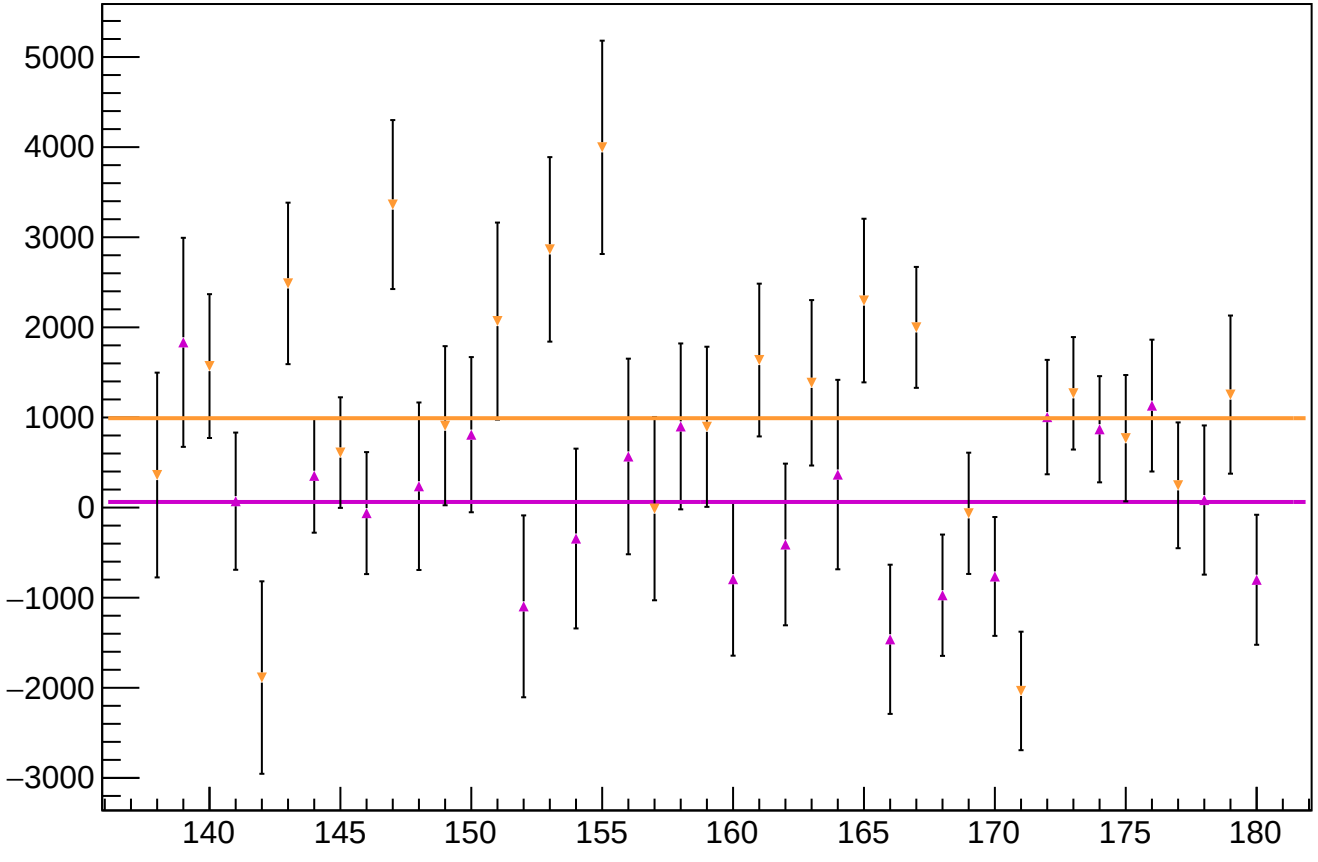
Left In: 683.469+/-0.121 χ^2/NDF:1149813.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 687.760+/-0.086 χ^2/NDF: 2412540.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_mean vs Slug



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

Left Out: 991.915+/-174.693 χ^2/NDF:59.7/21

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

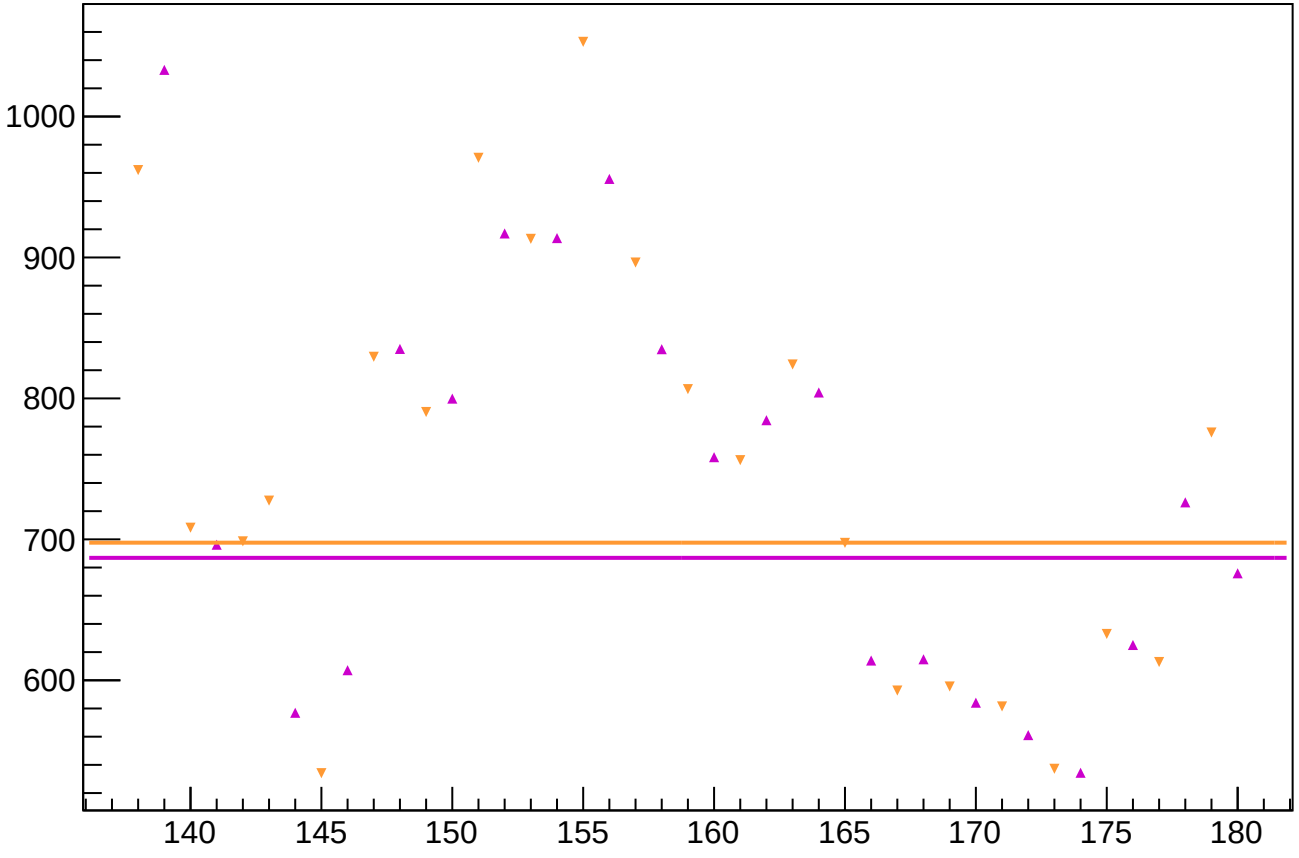
Left In: 62.230+/-172.032 χ^2/NDF:22.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 519.938+/-122.575 χ^2/NDF: 96.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_2468_avg_rms vs Slug



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

Left Out: 697.648+/-0.124 χ^2/NDF:1214015.2/21

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

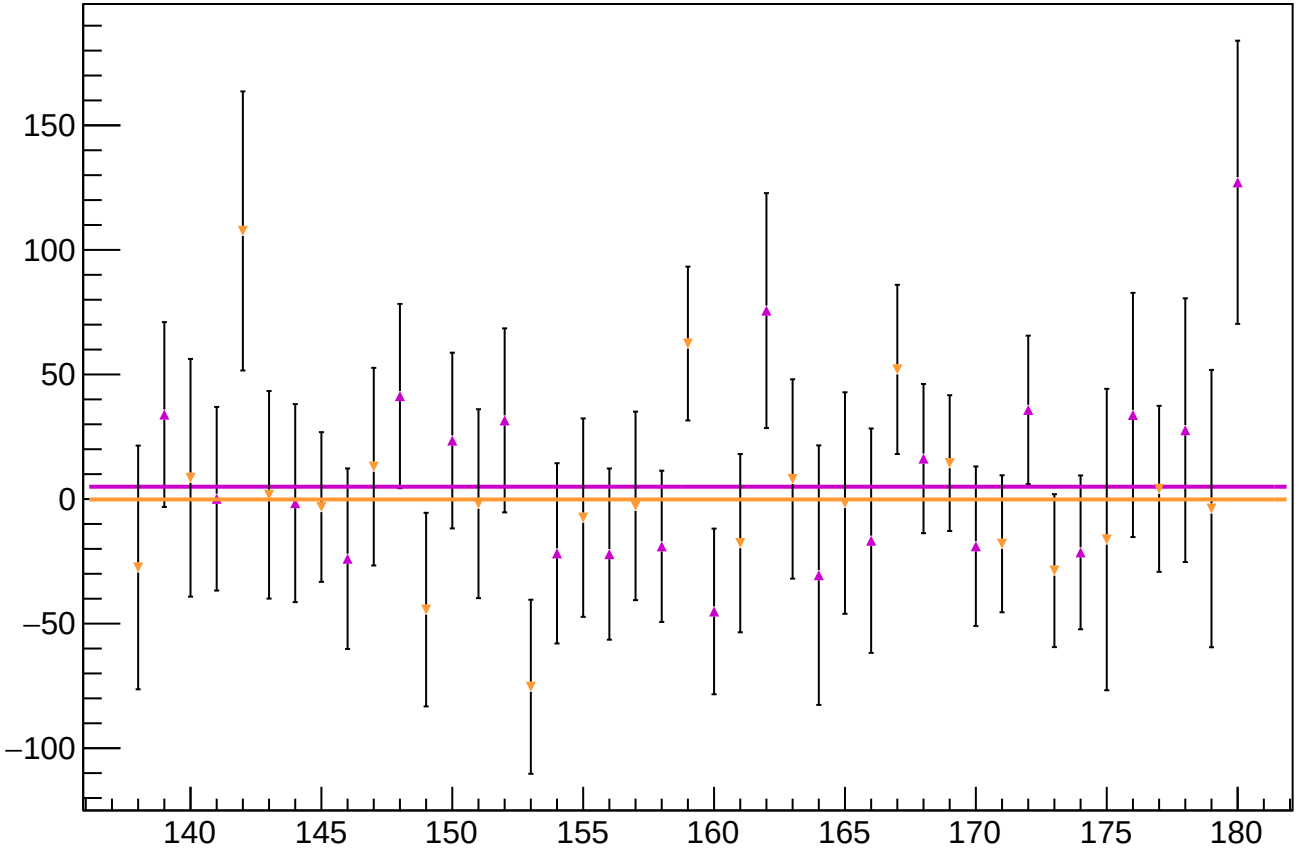
Left In: 686.876+/-0.122 χ^2/NDF:1115317.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 692.179+/-0.087 χ^2/NDF: 2333193.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -0.161+/-7.892 χ^2/NDF:18.6/21

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

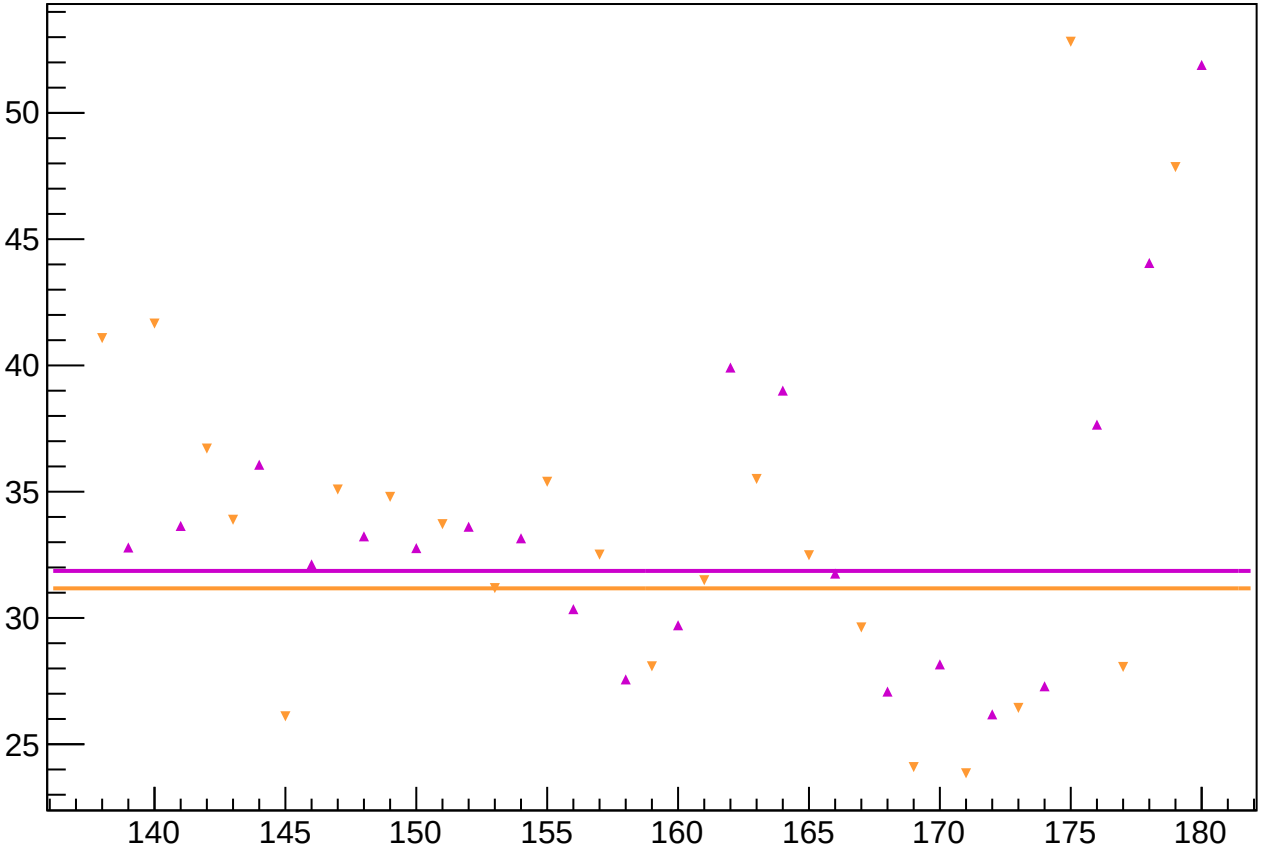
Left In: 4.950+/-8.062 χ^2/NDF:17.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.340+/-5.639 χ^2/NDF: 36.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 31.173+/-0.006 χ^2/NDF:1161460.1/21

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

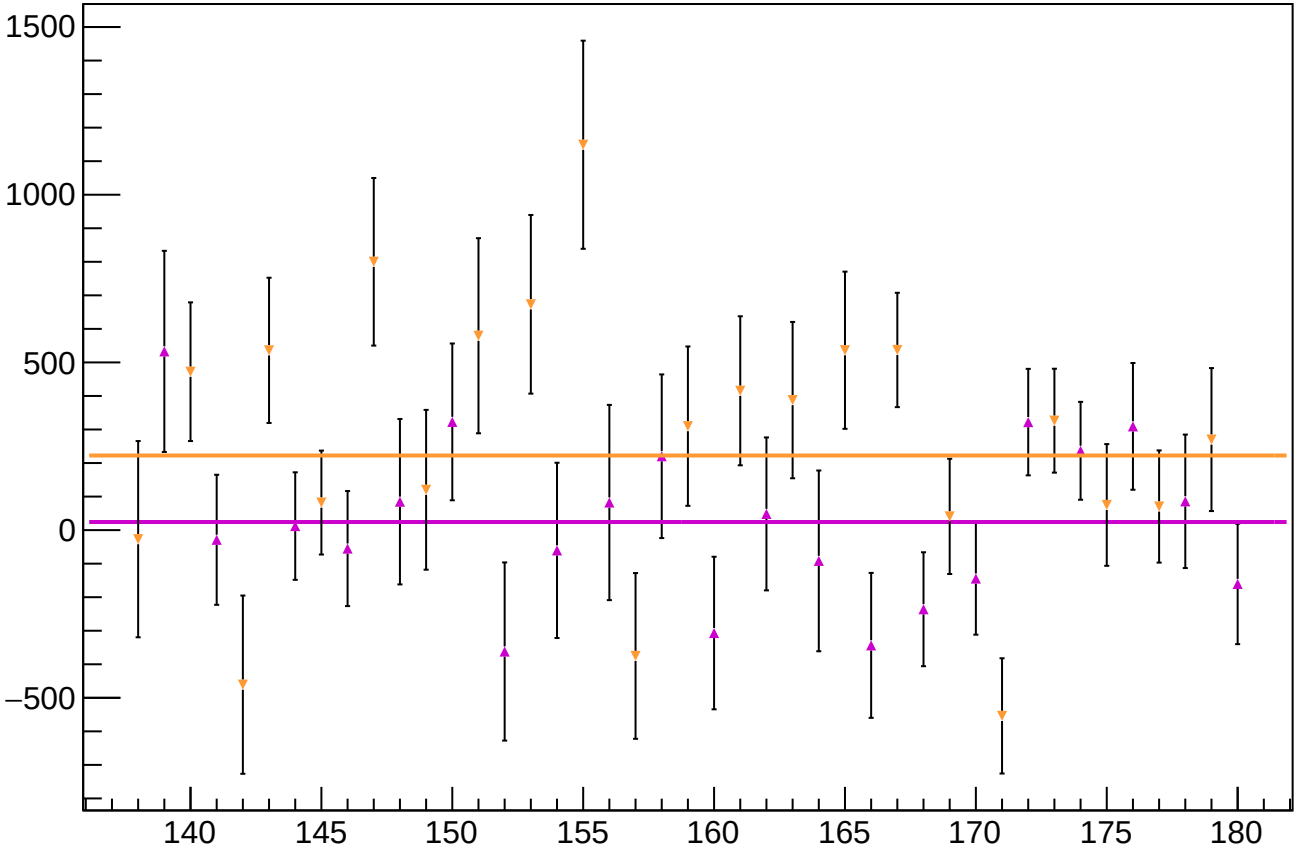
Left In: 31.863+/-0.006 χ^2/NDF:764460.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 31.511+/-0.004 χ^2/NDF: 1933402.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_correction_mean vs Slug



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

Left Out: 222.492+/-44.494 χ^2/NDF:66.5/21

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

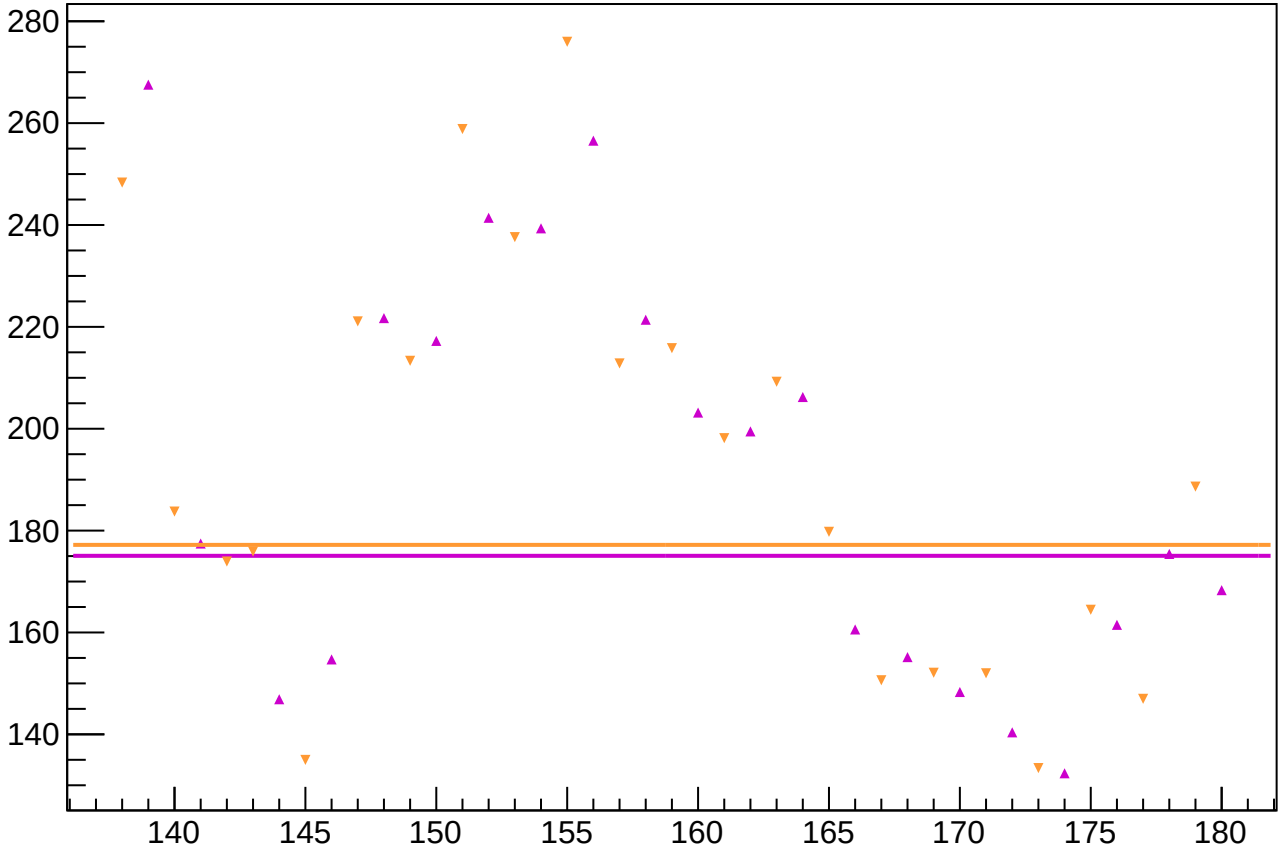
Left In: 24.146+/-43.944 χ^2/NDF:25.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 122.086+/-31.266 χ^2/NDF: 102.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_correction_rms vs Slug



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

Left Out: 177.198+/-0.031 χ^2/NDF:1365547.3/21

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

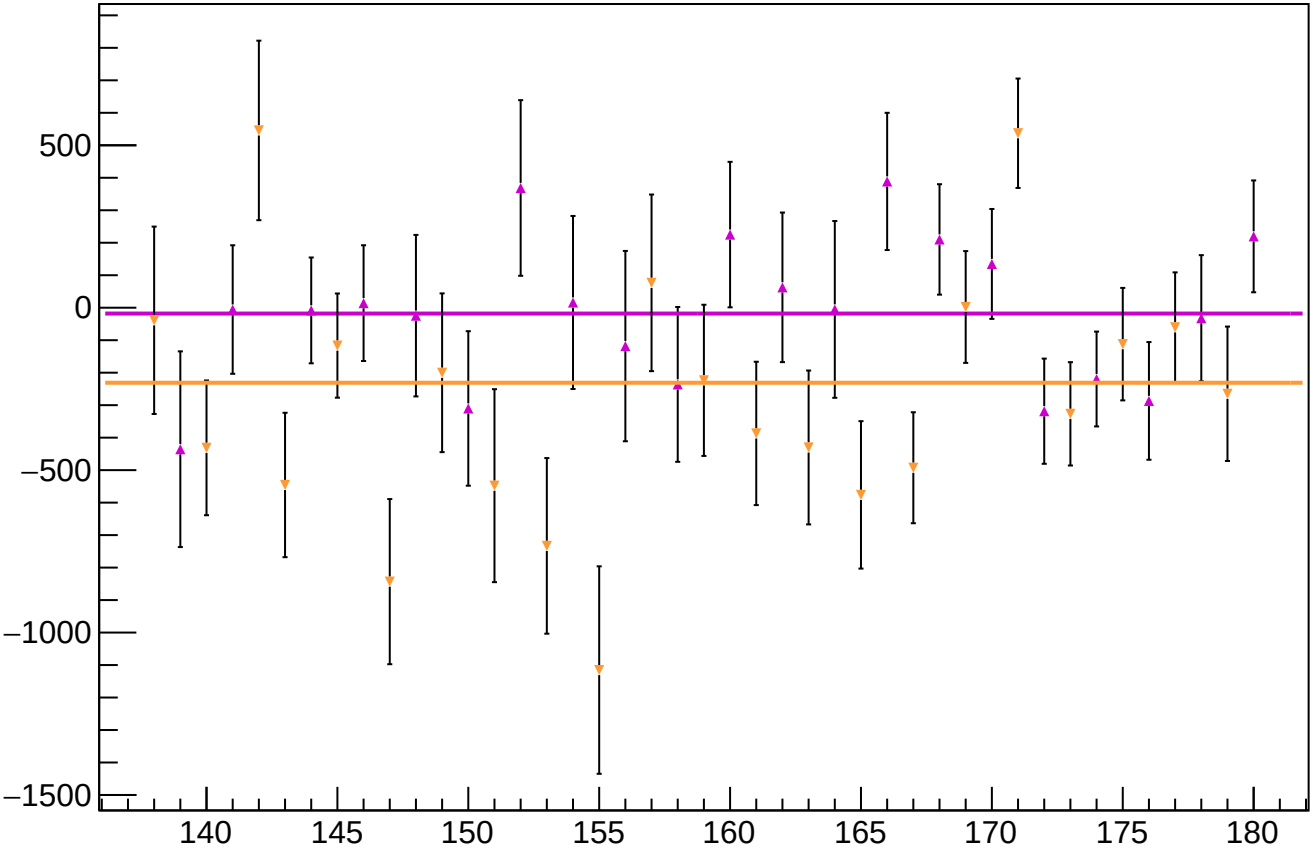
Left In: 175.051+/-0.031 χ^2/NDF:1339749.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 176.111+/-0.022 χ^2/NDF: 2707655.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -230.976+/-44.772 χ^2/NDF:61.5/21

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

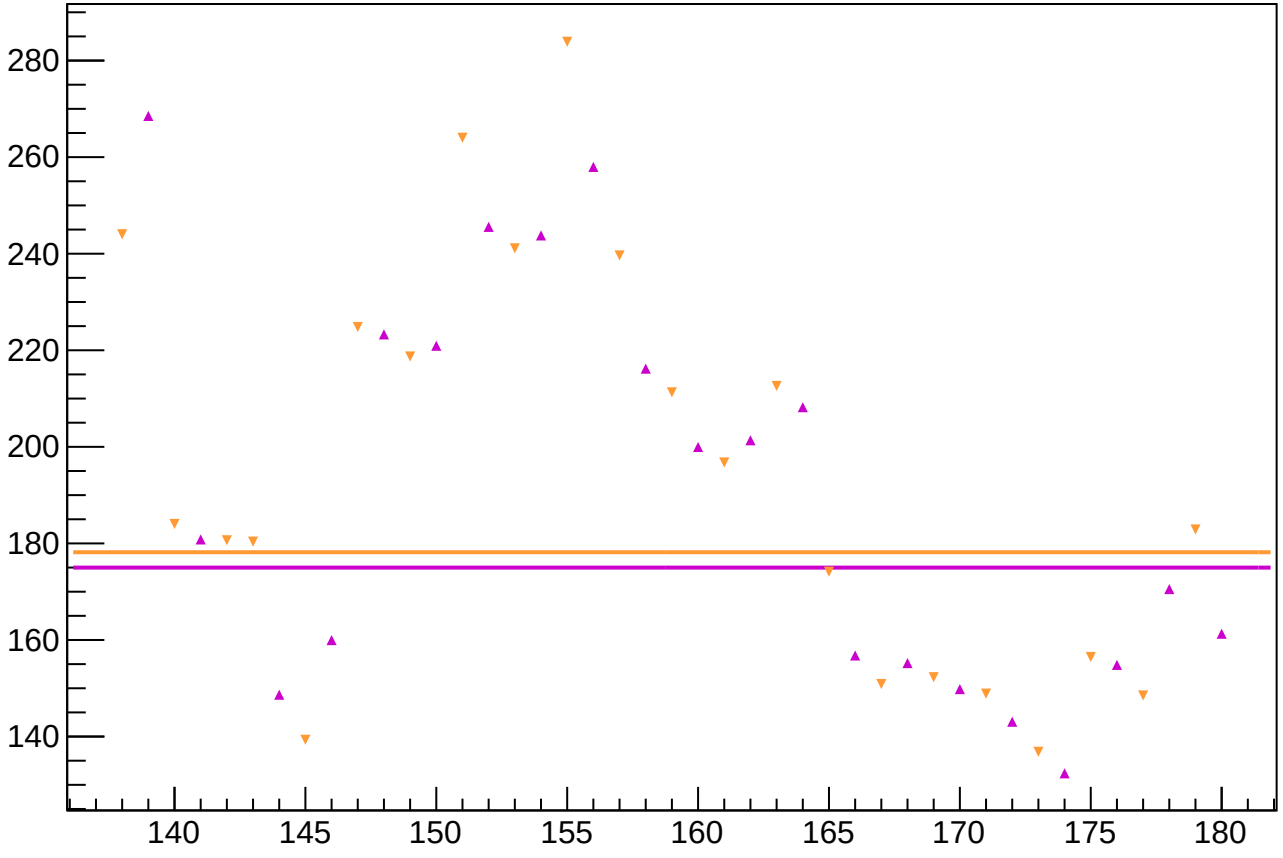
Left In: -17.974+/-43.990 χ^2/NDF:23.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -122.599+/-31.378 χ^2/NDF: 96.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 178.172+/-0.032 χ^2/NDF:1426305.9/21

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

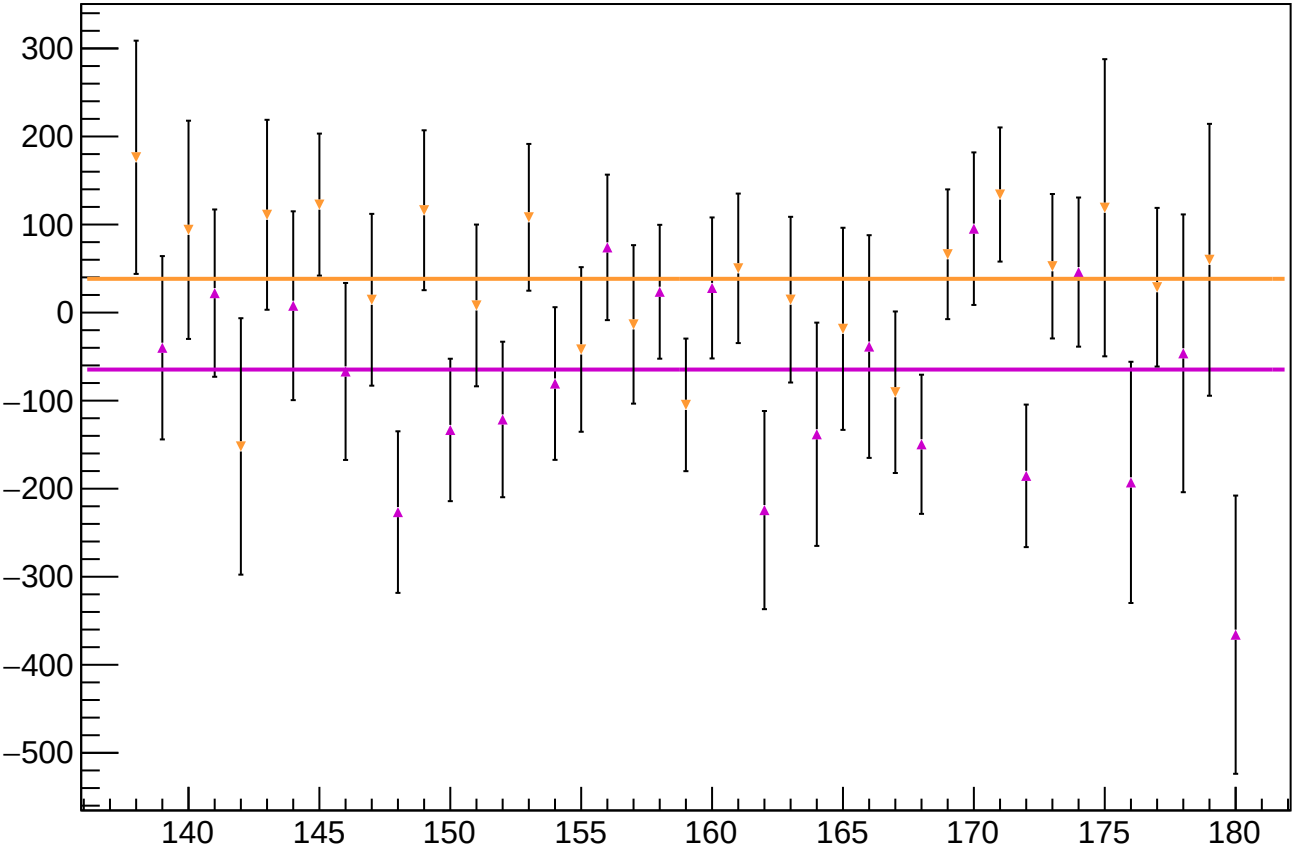
Left In: 174.990+/-0.031 χ^2/NDF:1354798.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 176.553+/-0.022 χ^2/NDF: 2786244.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



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

Left Out: 38.353+/-20.145 χ^2/NDF:15.1/21

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

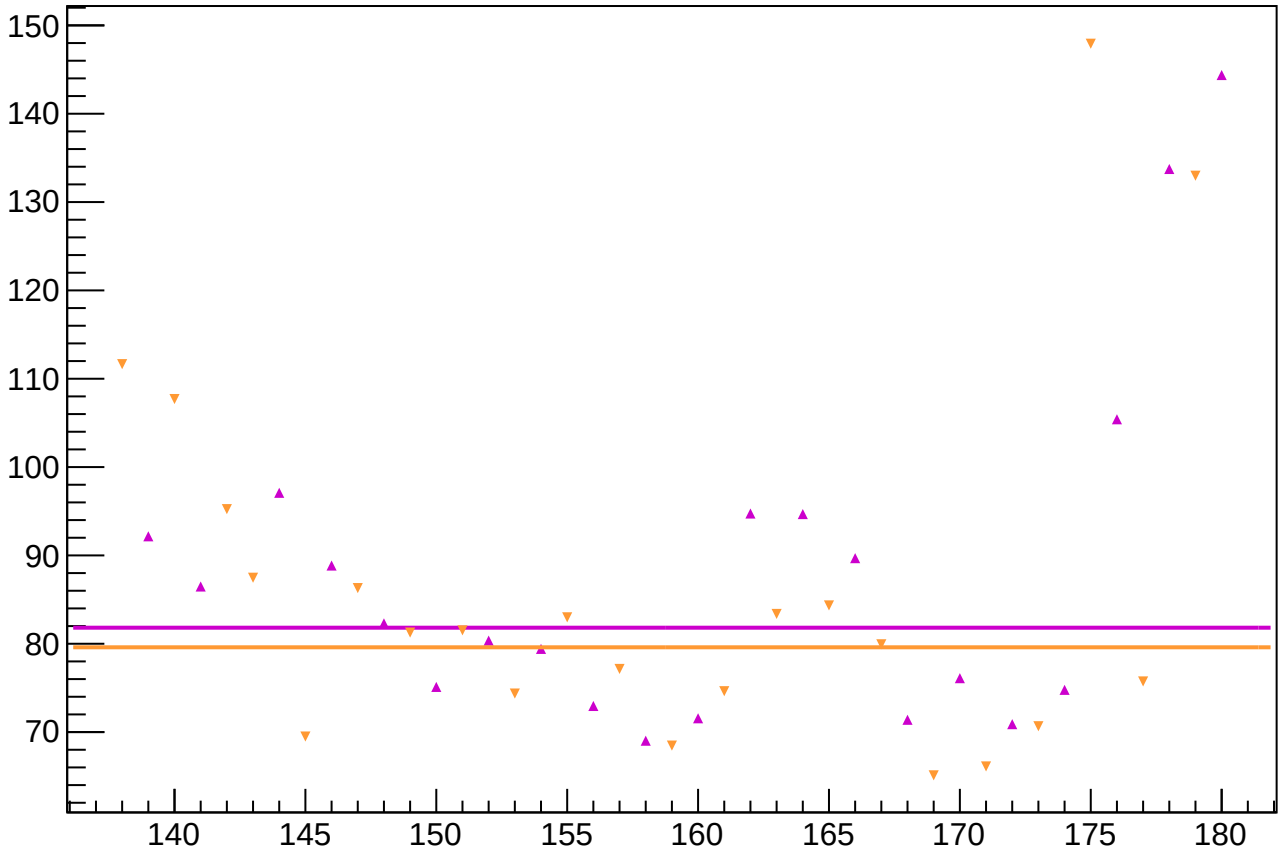
Left In: -64.696+/-20.761 χ^2/NDF:26.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.621+/-14.458 χ^2/NDF: 54.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



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

Left Out: 79.598+/-0.014 χ^2/NDF:1099820.8/21

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

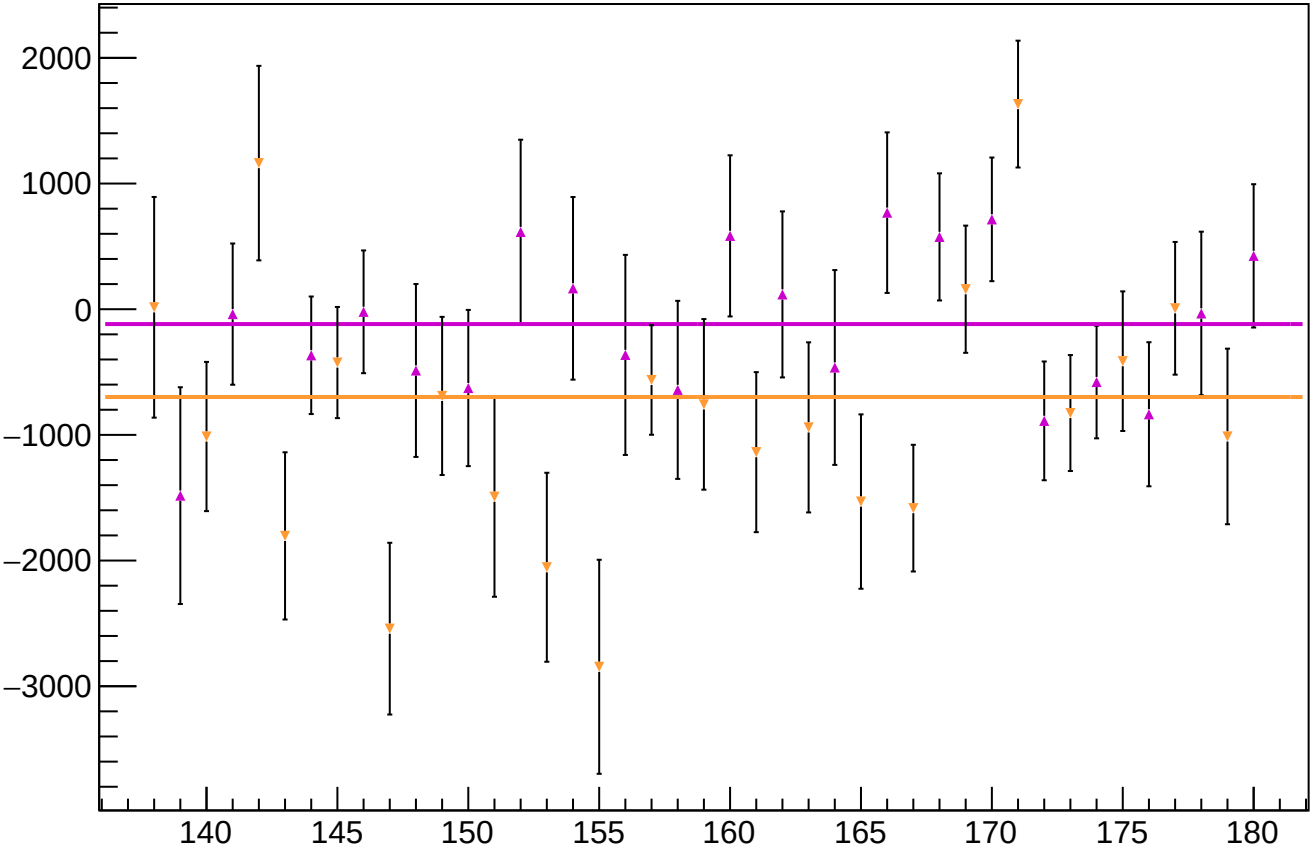
Left In: 81.817+/-0.015 χ^2/NDF:941330.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 80.674+/-0.010 χ^2/NDF: 2052920.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug



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

Left Out: -698.654+/-126.934 χ^2/NDF:59.5/21

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

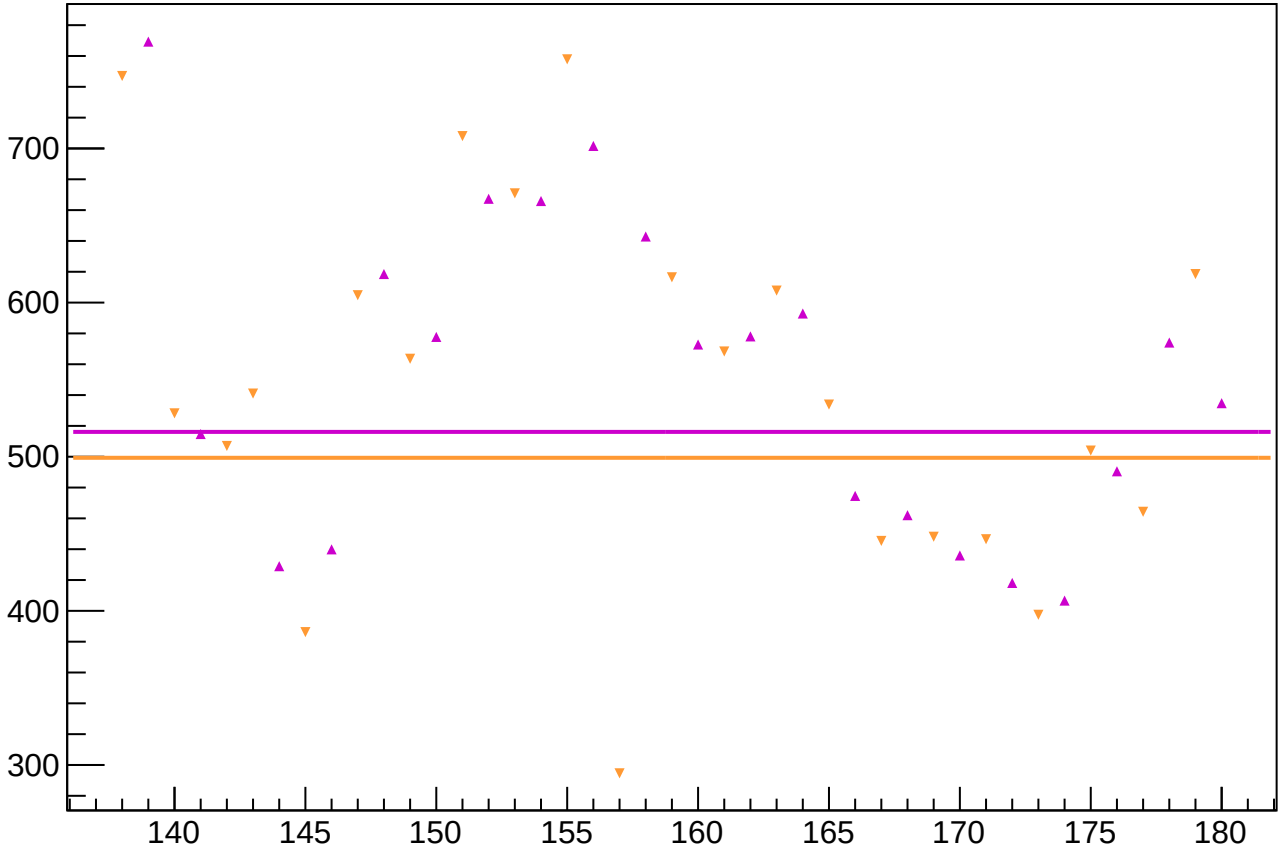
Left In: -118.189+/-128.975 χ^2/NDF:20.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -413.050+/-90.469 χ^2/NDF: 89.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_12345678_avg_correction_rms vs Slug



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

Left Out: 499.307+/-0.090 χ^2/NDF:1607396.9/21

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

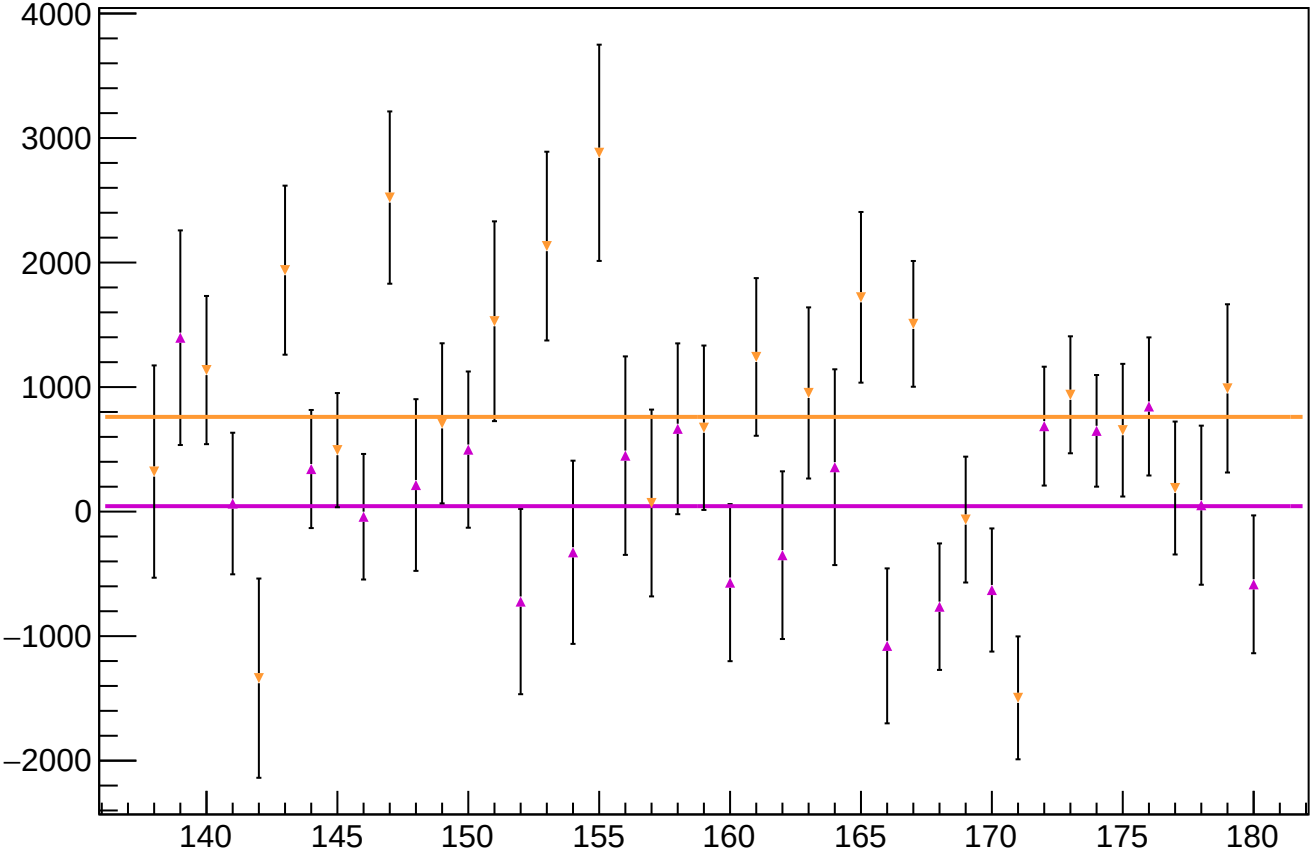
Left In: 516.110+/-0.091 χ^2/NDF:1061575.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 507.574+/-0.064 χ^2/NDF: 2686216.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_12345678_avg_mean vs Slug



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

Left Out: 760.625+/-130.927 χ^2/NDF:58.2/21

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

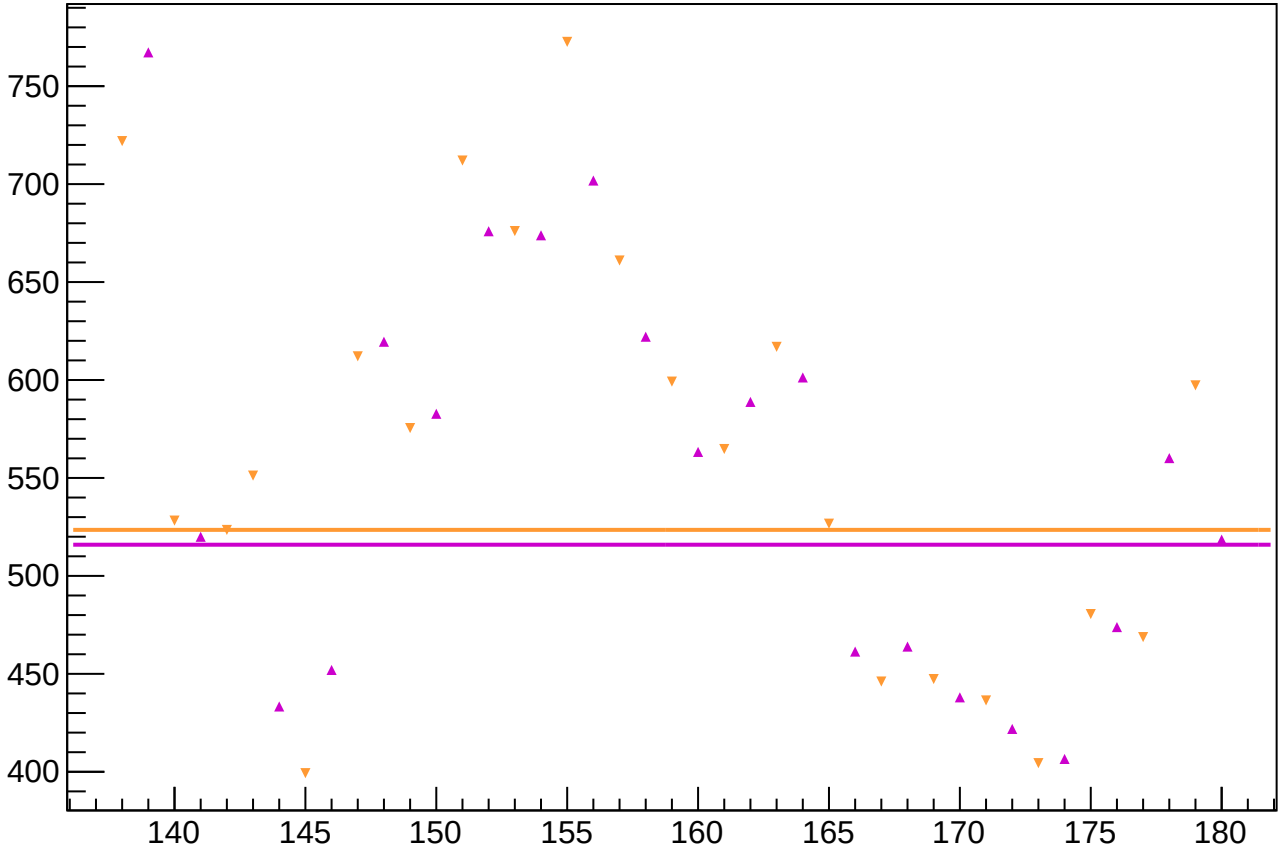
Left In: 43.739+/-129.053 χ^2/NDF:22.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 397.014+/-91.909 χ^2/NDF: 95.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_12345678_avg_rms vs Slug



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

Left Out: 523.498+/-0.093 χ^2/NDF:1140721.8/21

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

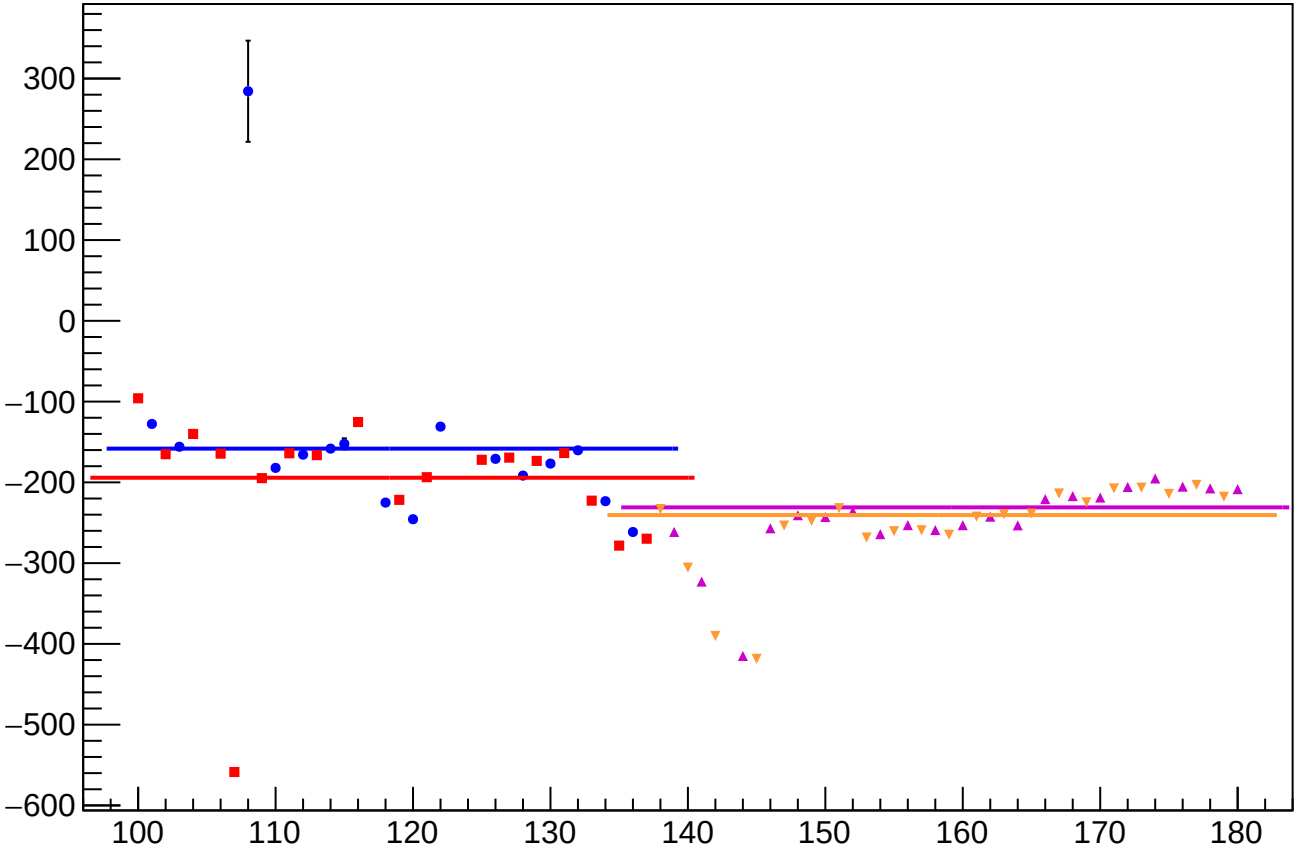
Left In: 515.916+/-0.091 χ^2/NDF:1034489.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 519.653+/-0.065 χ^2/NDF: 2178613.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_usl_4aX_slope vs Slug



Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -240.491+/-0.117 χ^2/NDF:69302.9/20

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

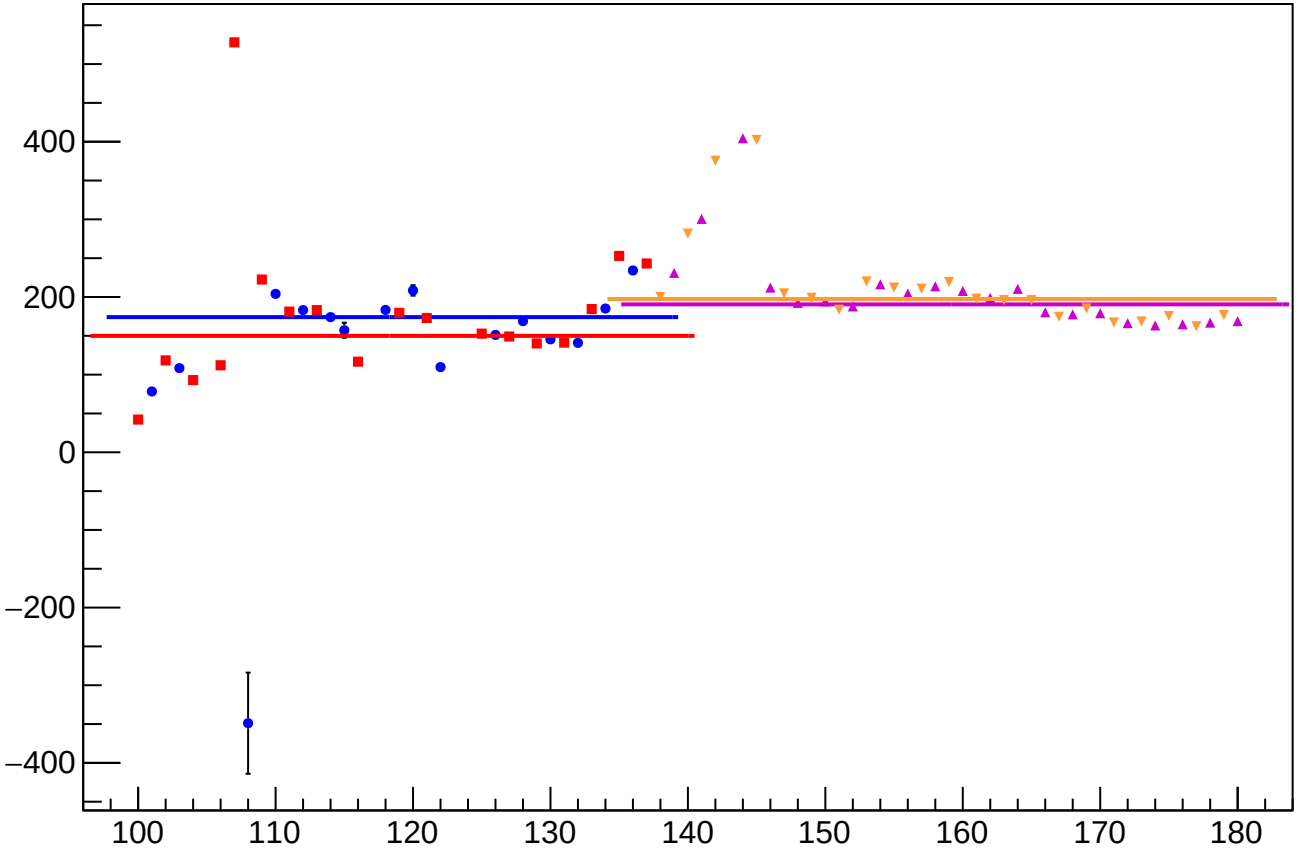
Left In: -230.962+/-0.104 χ^2/NDF:113734.0/20

+ sign -158.222+/-0.000 χ^2/NDF: 680101.3/36

All: -158.222+/-0.000 χ^2/NDF: 1505620.5/75

- sign -220.517+/-0.088 χ^2/NDF: 325611.5/38

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 197.426+/-0.117 χ^2/NDF:66914.2/20

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

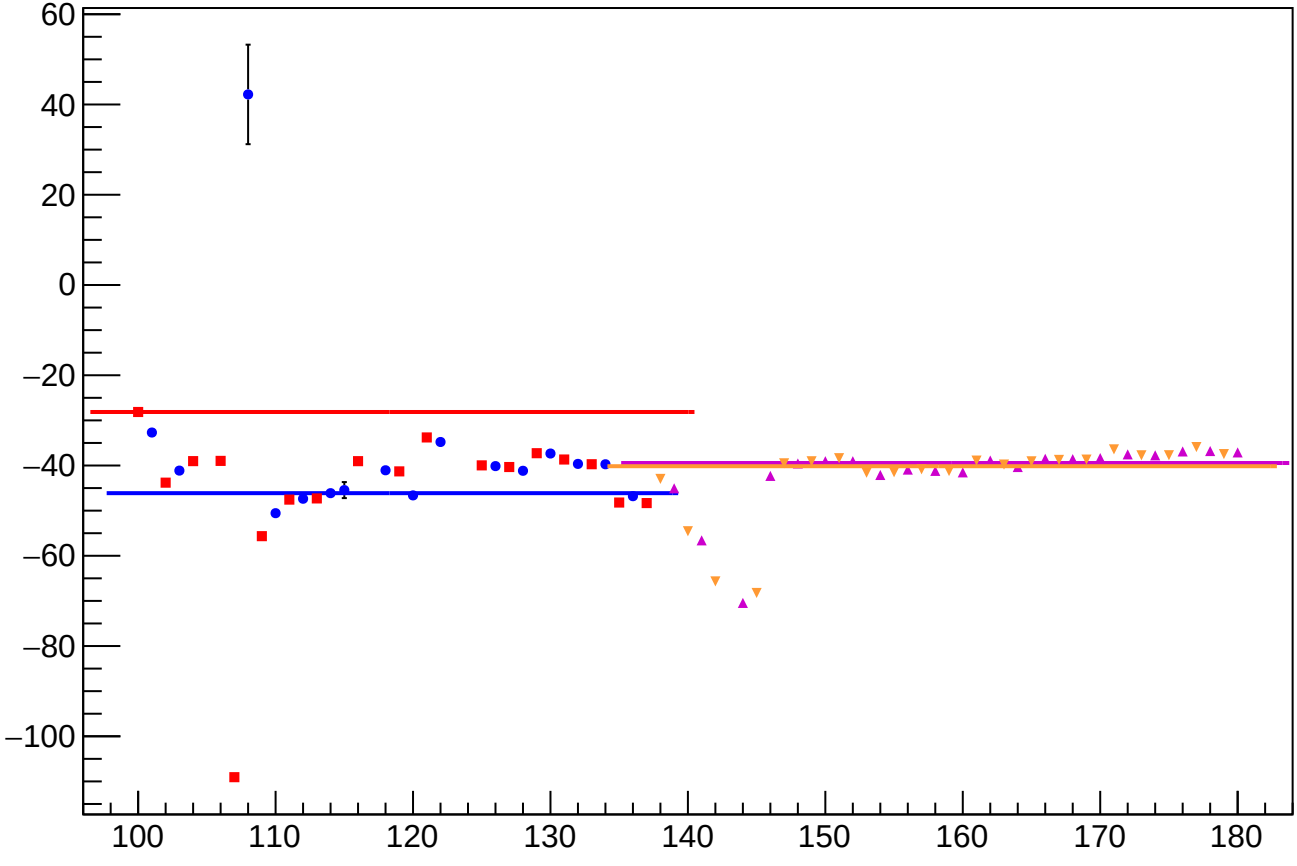
Left In: 190.523+/-0.105 χ^2/NDF:116012.6/20

+ sign 174.085+/-0.000 χ^2/NDF: 159998.8/36

All: 174.085+/-0.000 χ^2/NDF: 483433.8/75

- sign 181.393+/-0.093 χ^2/NDF: 317227.6/38

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -40.155+/-0.007 χ^2/NDF:152389.0/20

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

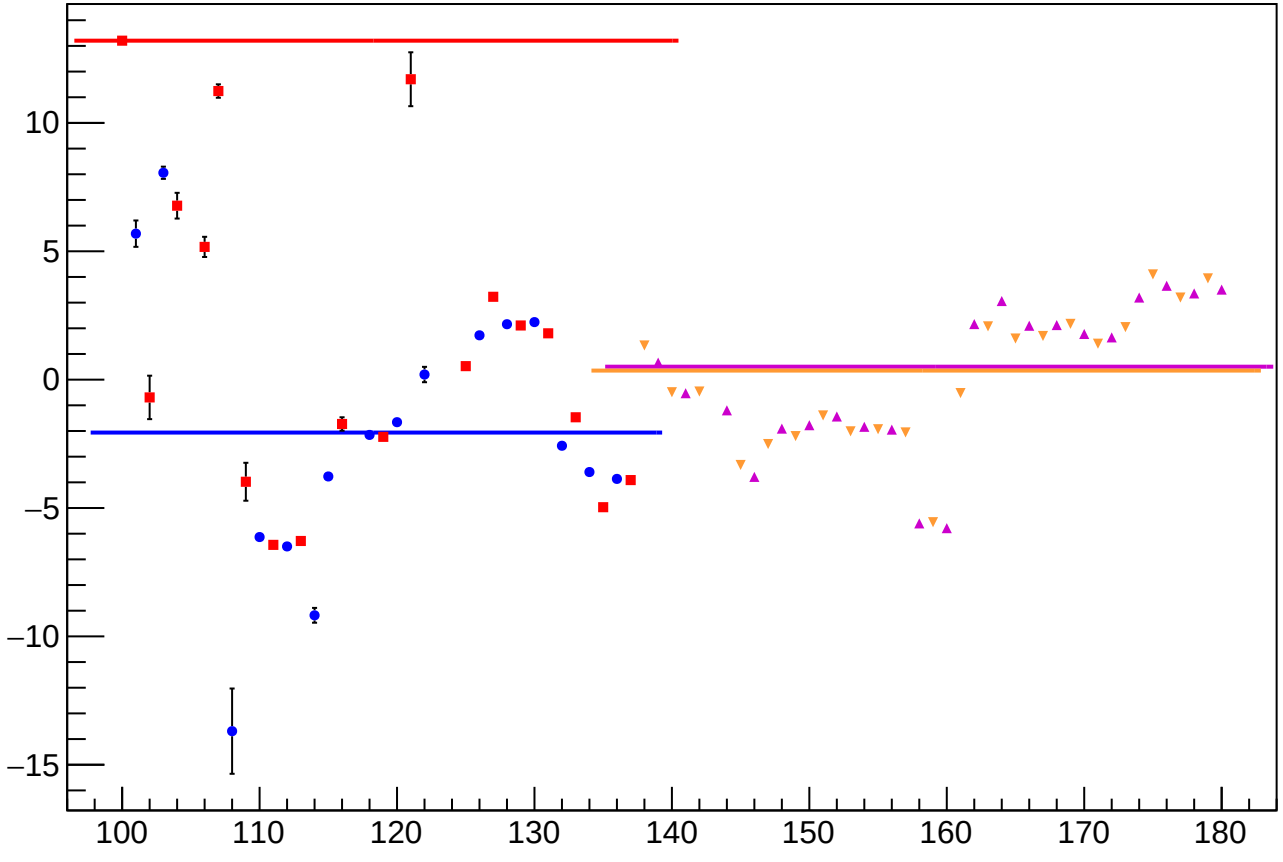
Left In: -39.446+/-0.007 χ^2/NDF:229341.6/20

+ sign -46.126+/-0.000 χ^2/NDF: 1131224.4/36

All: -39.778+/-0.000 χ^2/NDF: 24879599323 1

- sign -28.139+/-0.000 χ^2/NDF: 3673257.2/38

dit_usl_4aY_slope vs Slug



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: 0.353+/-0.006 χ^2/NDF:201363.7/20

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

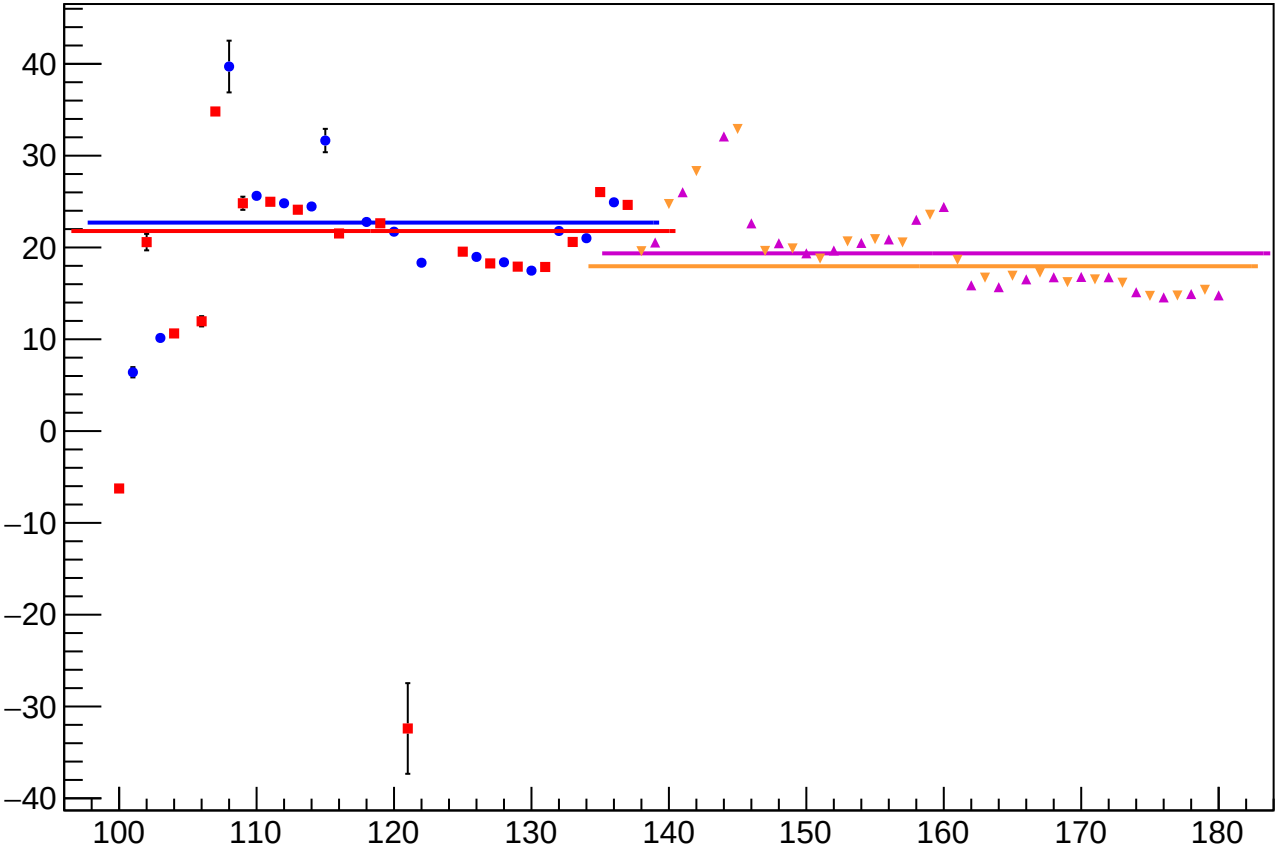
Left In: 0.505+/-0.005 χ^2/NDF:315590.4/20

+ sign 0.072+/-0.006 χ^2/NDF: 243239.8/36

All: 13.204+/-0.000 χ^2/NDF: 11900137.0/75

- sign 13.204+/-0.000 χ^2/NDF: 6987372.2/38

dit_usl_4eY_slope vs Slug



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 17.955+/-0.007 χ^2/NDF:145391.4/20

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

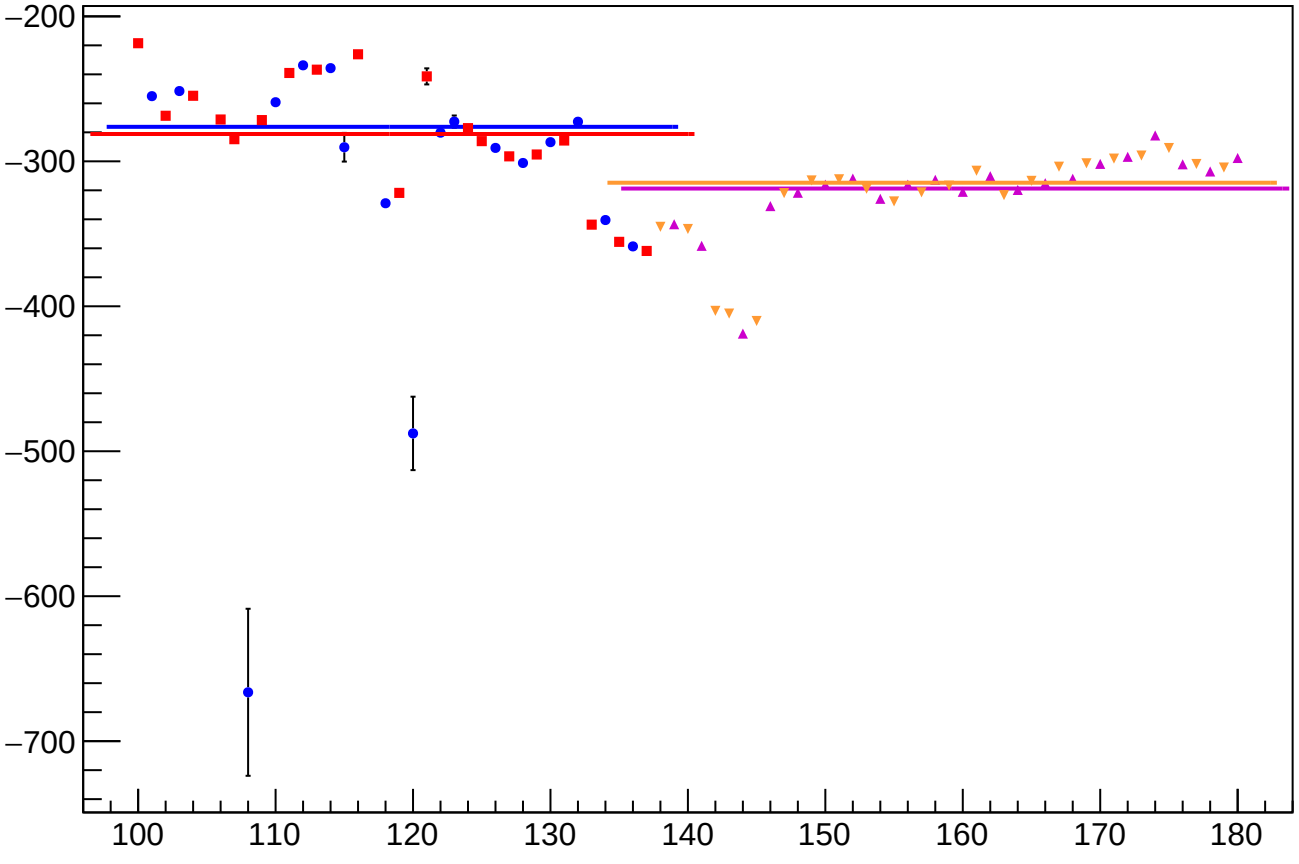
Left In: 19.360+/-0.007 χ^2/NDF:198491.7/20

+ sign 18.593+/-0.007 χ^2/NDF: 223834.8/36

All: 19.100+/-0.005 χ^2/NDF: 471379.2/75

- sign 19.606+/-0.007 χ^2/NDF: 236626.6/38

dit_usr_4aX_slope vs Slug



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -314.759+/-0.099 χ^2/NDF:50091.4/21

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

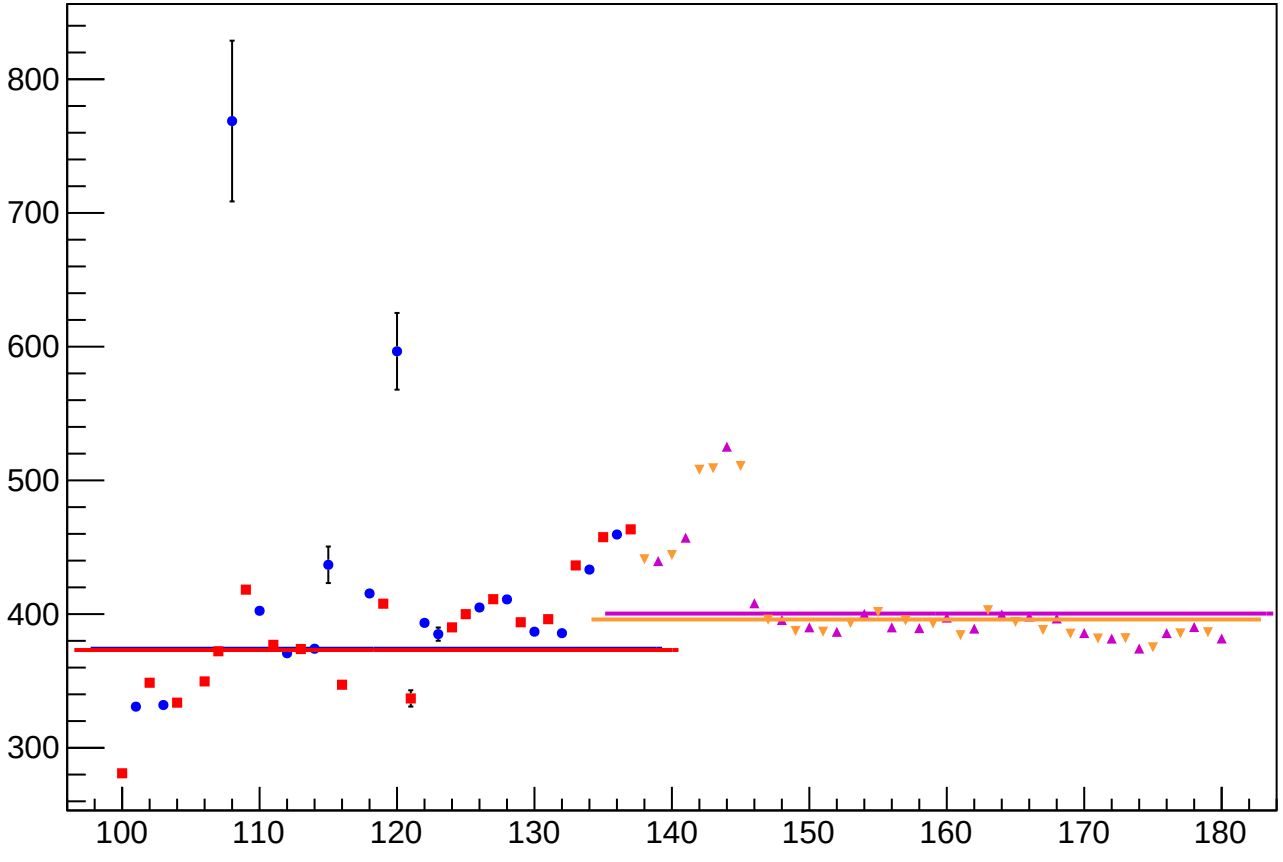
Left In: -318.782+/-0.097 χ^2/NDF:58459.4/20

+ sign -304.632+/-0.085 χ^2/NDF: 147710.3/38

All: -306.087+/-0.059 χ^2/NDF: 329708.9/78

- sign -307.401+/-0.081 χ^2/NDF: 181445.5/39

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 395.992+/-0.099 χ^2/NDF:66351.5/21

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

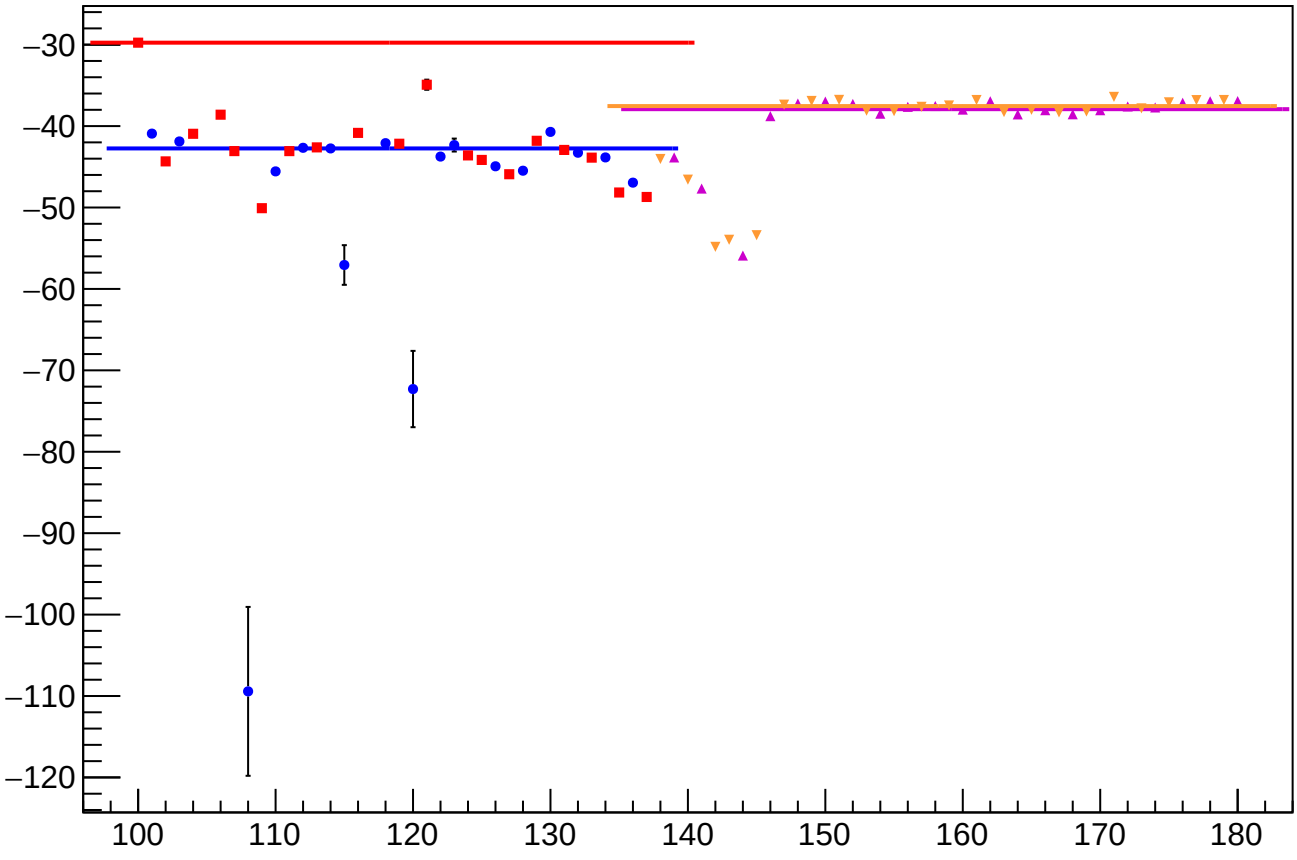
Left In: 400.389+/-0.099 χ^2/NDF:74651.3/20

+ sign 374.094+/-0.000 χ^2/NDF: 149896.2/38

All: 374.094+/-0.000 χ^2/NDF: 403662.7/78

- sign 392.726+/-0.084 χ^2/NDF: 204274.2/39

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.543+/-0.004 χ^2/NDF:266093.0/21

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

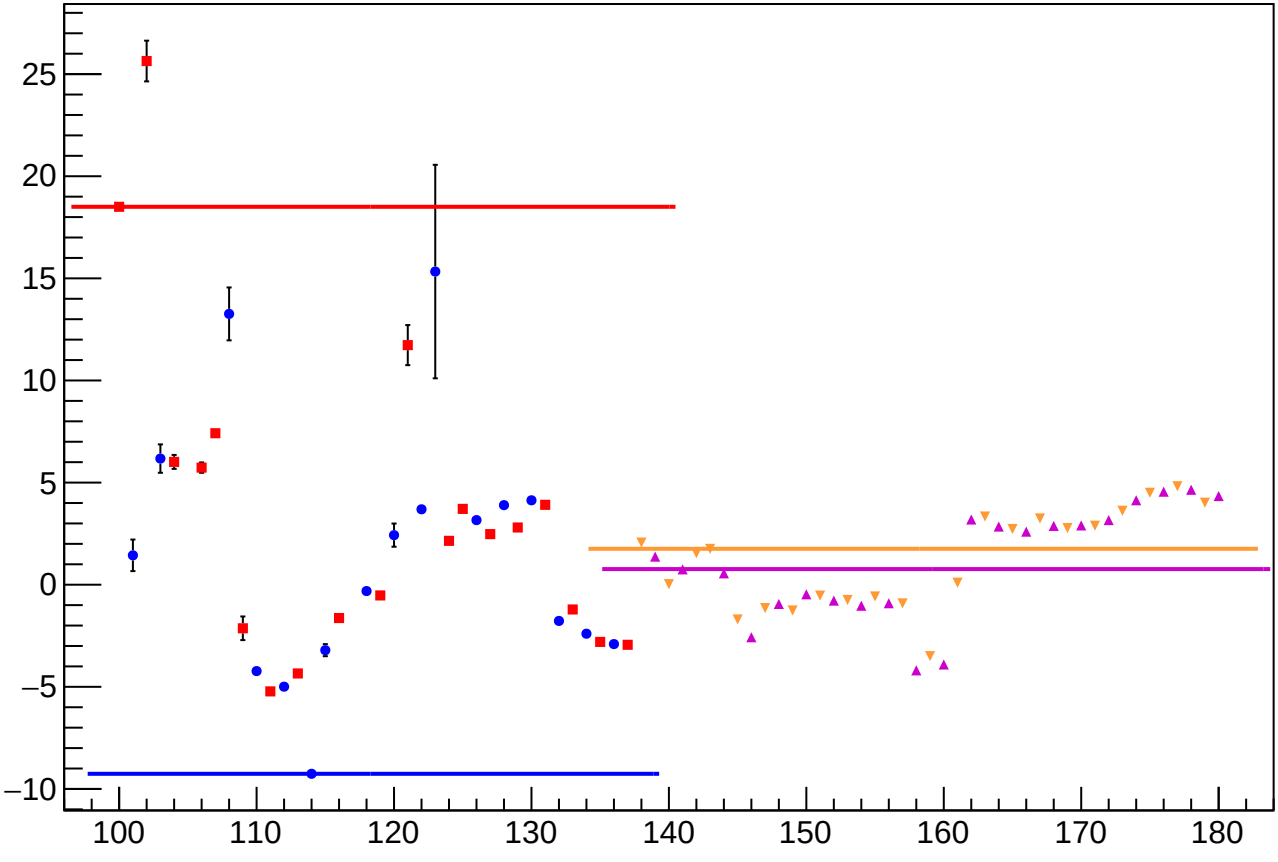
Left In: -37.922+/-0.004 χ^2/NDF:156363.0/20

+ sign -42.744+/-0.000 χ^2/NDF: 2036021.0/38

All: -38.159+/-0.000 χ^2/NDF: 129765212680

- sign -29.754+/-0.000 χ^2/NDF: 4381730.0/39

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: 1.759+/-0.005 χ^2/NDF:219032.8/21

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

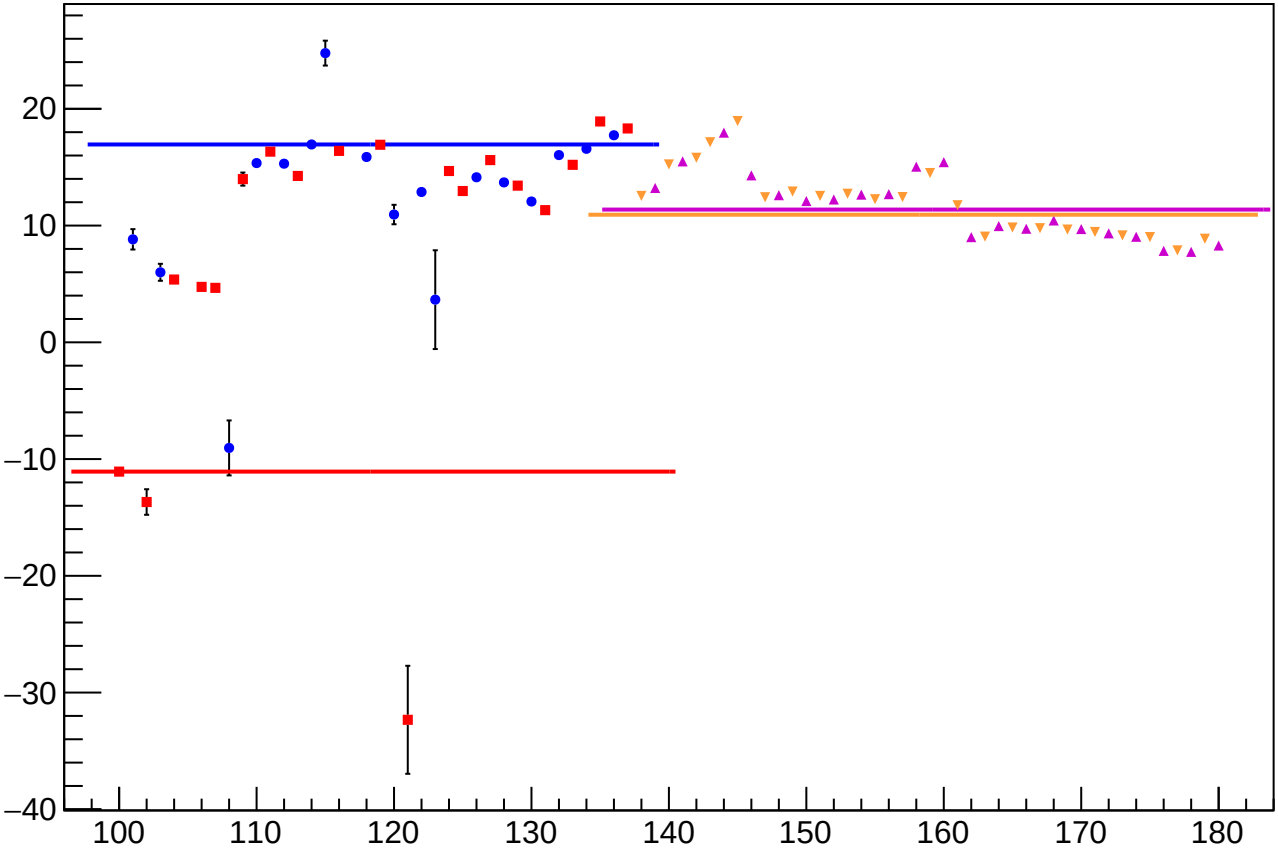
Left In: 0.765+/-0.006 χ^2/NDF:212167.8/20

+ sign -9.259+/-0.000 χ^2/NDF: 5283278.4/38

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

- sign 18.504+/-0.000 χ^2/NDF: 16773351.1/39

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 10.929+/-0.007 χ^2/NDF:117644.9/21

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

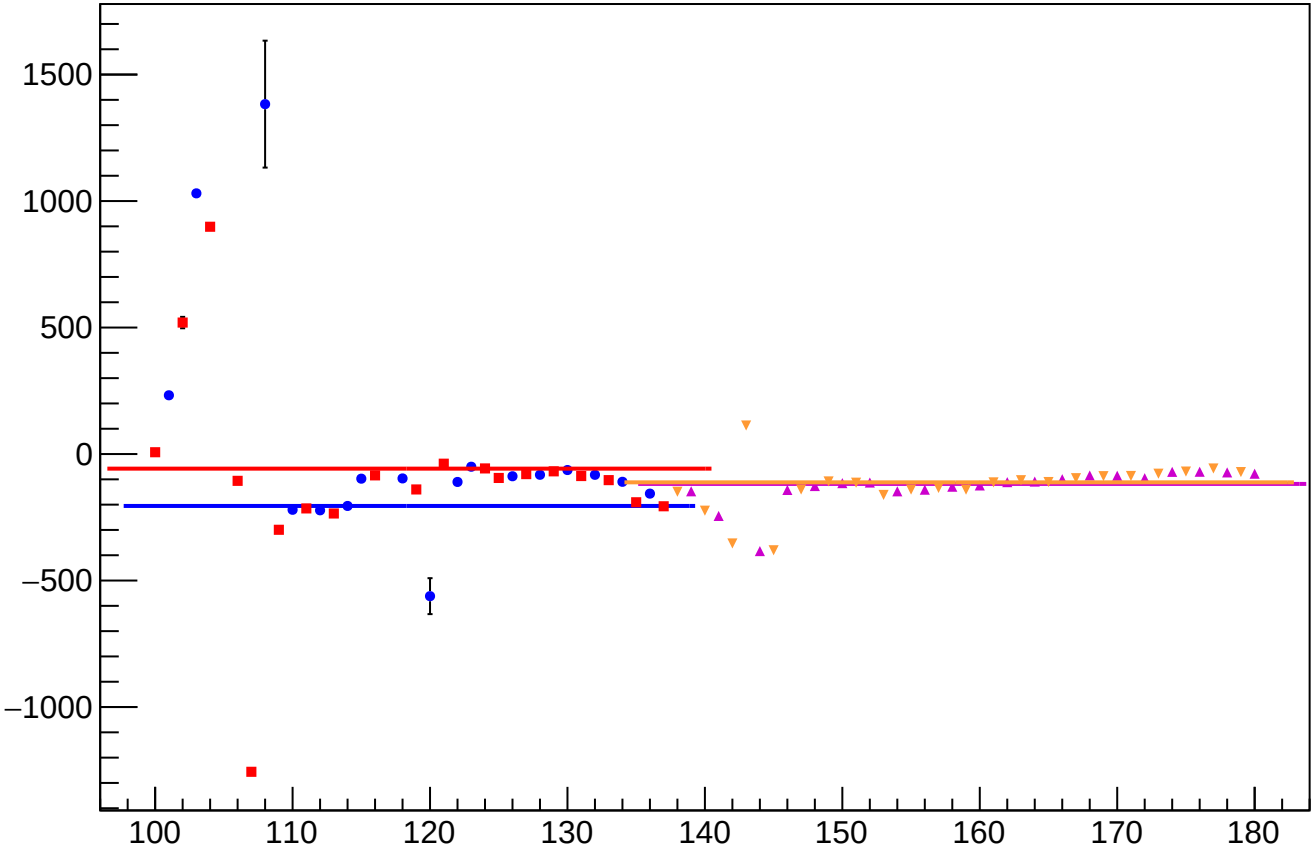
Left In: 11.371+/-0.008 χ^2/NDF:91885.3/20

+ sign 16.947+/-0.000 χ^2/NDF: 910925.4/38

All: -2.268+/-0.000 χ^2/NDF: 469252745463

- sign -11.075+/-0.000 χ^2/NDF: 10783320.6/39

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -111.834+/-0.200 χ^2/NDF:60438.7/21

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

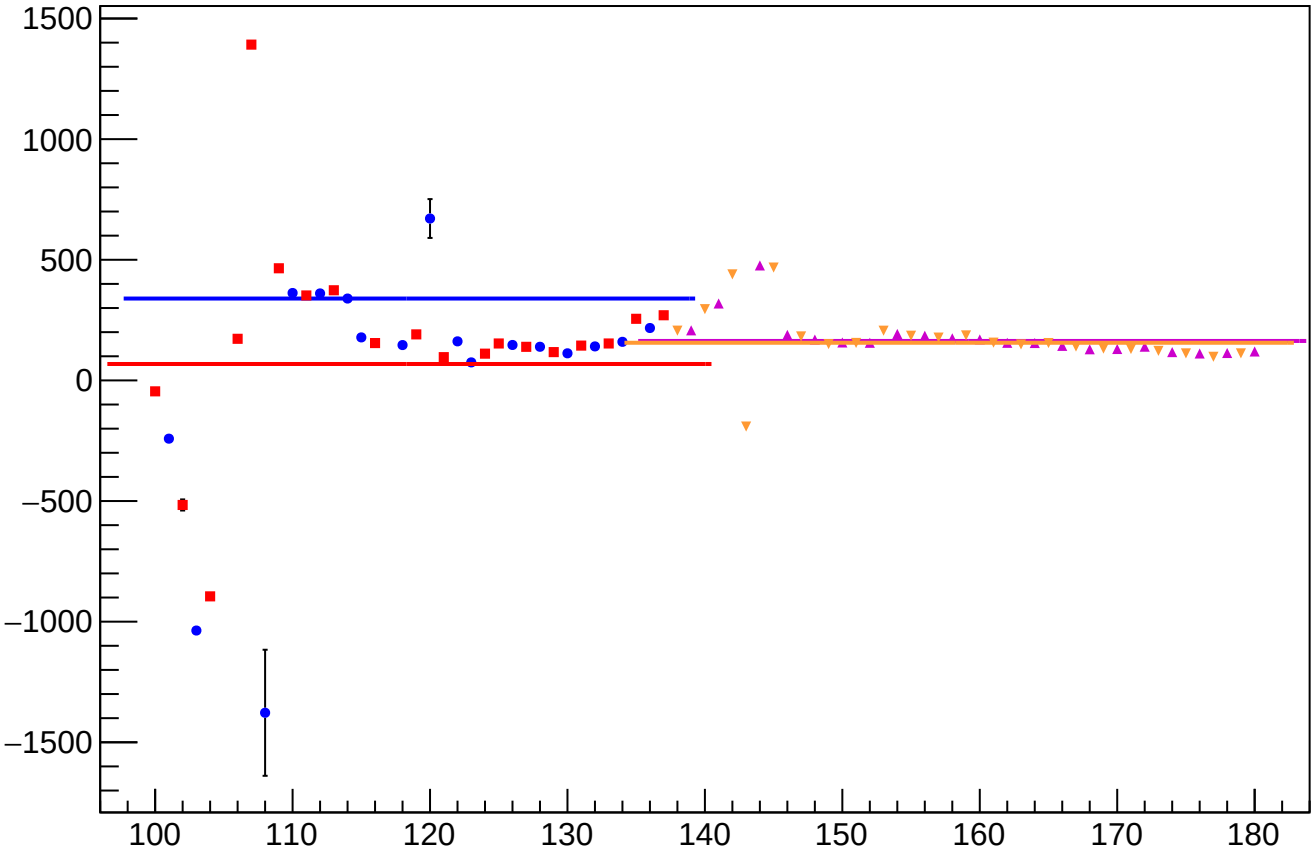
Left In: -118.072+/-0.227 χ^2/NDF:64474.3/20

+ sign -205.160+/-0.000 χ^2/NDF: 861604.2/38

All: -205.160+/-0.000 χ^2/NDF: 1458842.5/78

- sign -94.449+/-0.177 χ^2/NDF: 206981.5/39

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 156.042+/-0.204 χ^2/NDF:95263.9/21

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

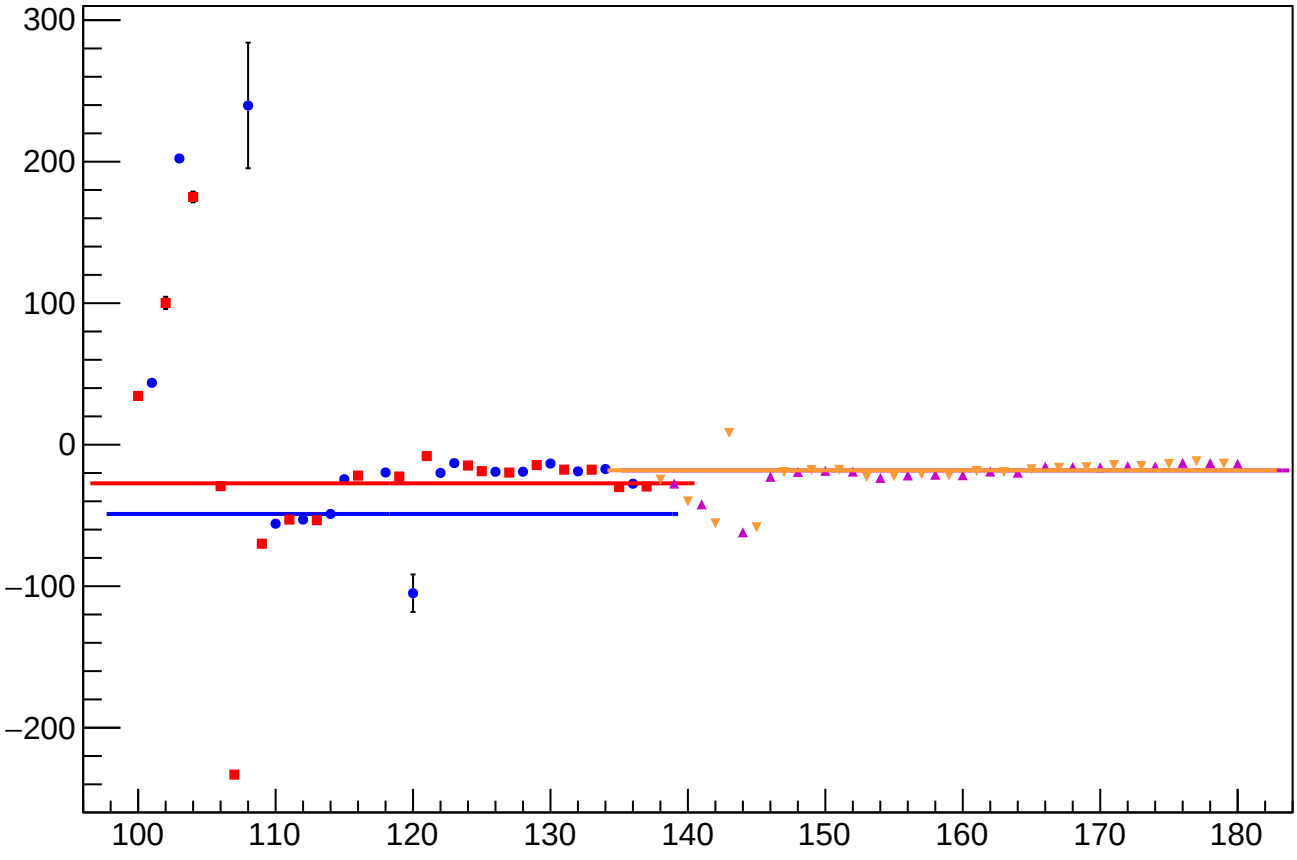
Left In: 163.510+/-0.232 χ^2/NDF:70784.5/20

+ sign 339.325+/-0.000 χ^2/NDF: 1932386.7/38

All: 339.325+/-0.000 χ^2/NDF: 3750675.4/78

- sign 125.687+/-0.180 χ^2/NDF: 410392.7/39

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -18.105+/-0.011 χ^2/NDF:599861.0/21

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

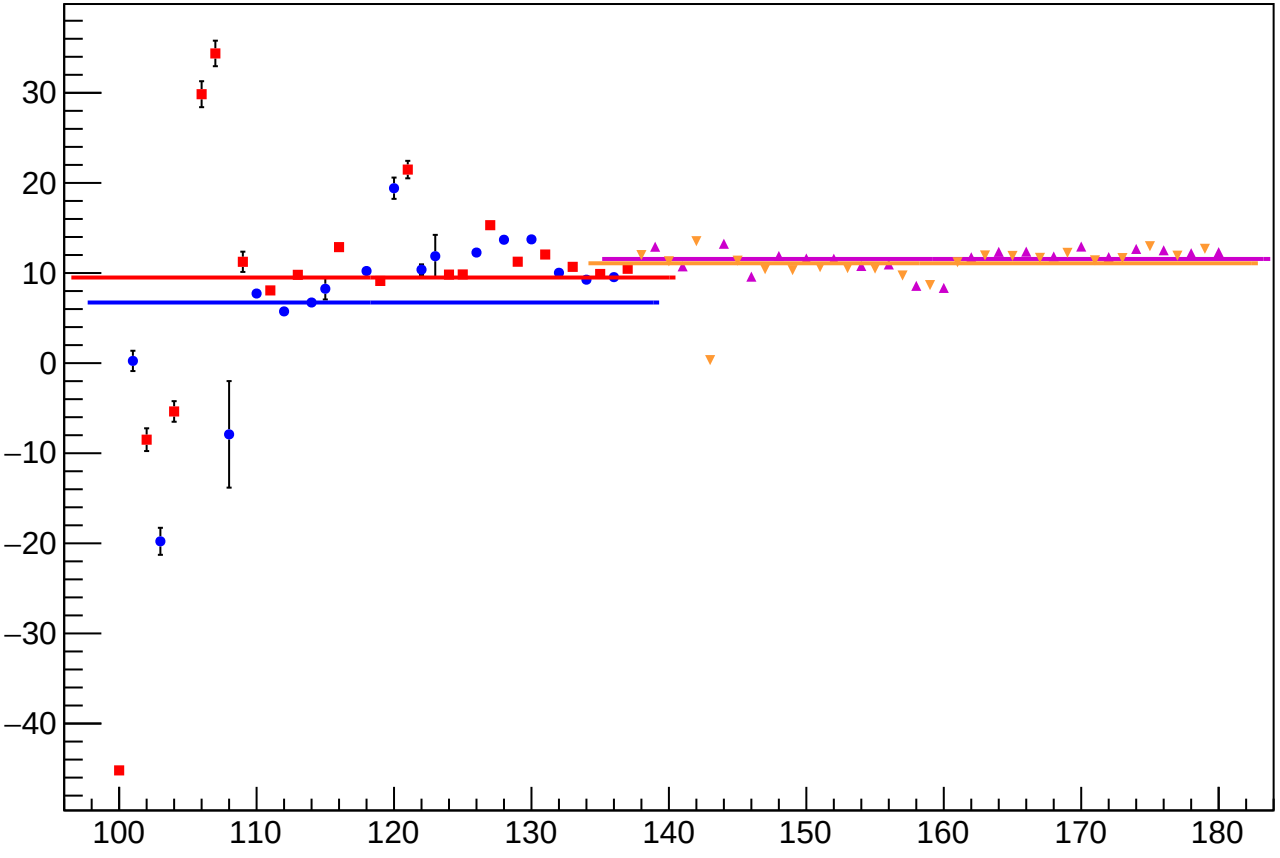
Left In: -18.182+/-0.012 χ^2/NDF:216765.3/20

+ sign -48.945+/-0.000 χ^2/NDF: 13751975.9/38

All: -48.945+/-0.000 χ^2/NDF: 20541491.5/78

- sign -18.672+/-0.012 χ^2/NDF: 414104.7/39

dit_atl1_4aY_slope vs Slug



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 11.083+/-0.013 χ^2/NDF:29214.3/21

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

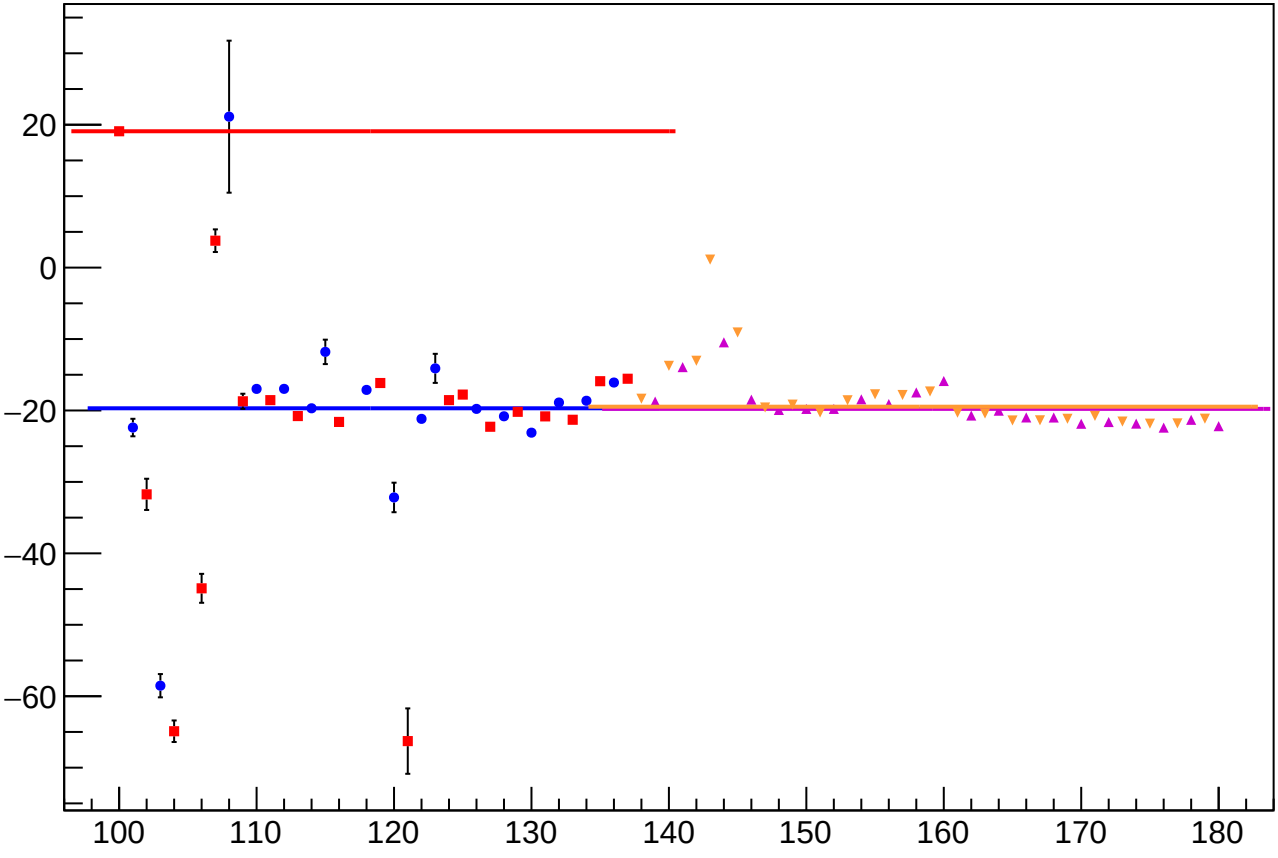
Left In: 11.562+/-0.011 χ^2/NDF:14705.3/20

+ sign 6.728+/-0.000 χ^2/NDF: 155885.0/38

All: 6.728+/-0.000 χ^2/NDF: 411162.3/78

- sign 11.394+/-0.010 χ^2/NDF: 44600.0/39

dit_atl1_4eY_slope vs Slug



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -19.471+/-0.015 χ^2/NDF:57205.3/21

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

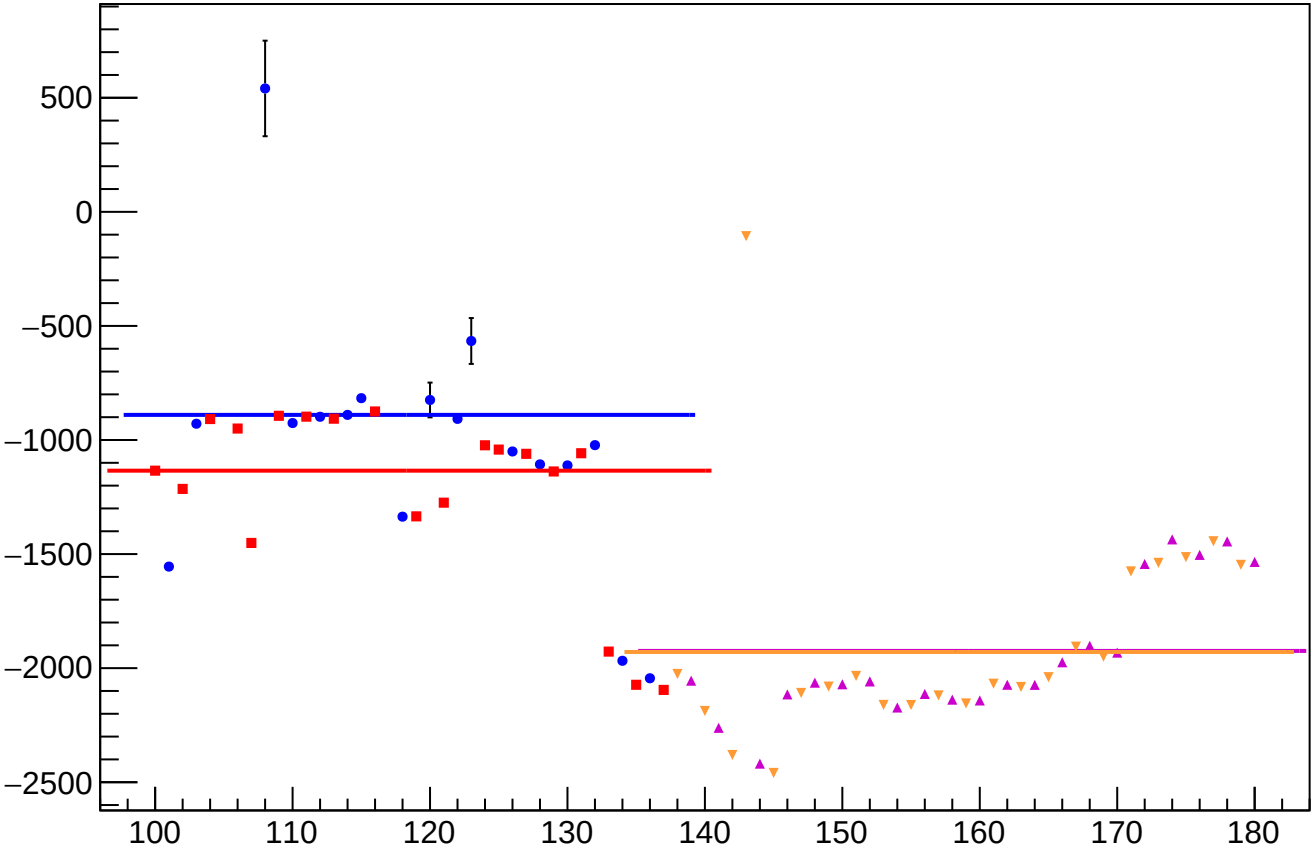
Left In: -19.776+/-0.015 χ^2/NDF:18980.3/20

+ sign -19.693+/-0.000 χ^2/NDF: 65010.5/38

All: -6.006+/-0.000 χ^2/NDF: 462563773129

- sign 19.086+/-0.000 χ^2/NDF: 6988971.2/39

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -1929.048+/-0.370 χ^2/NDF:678940.8/21

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

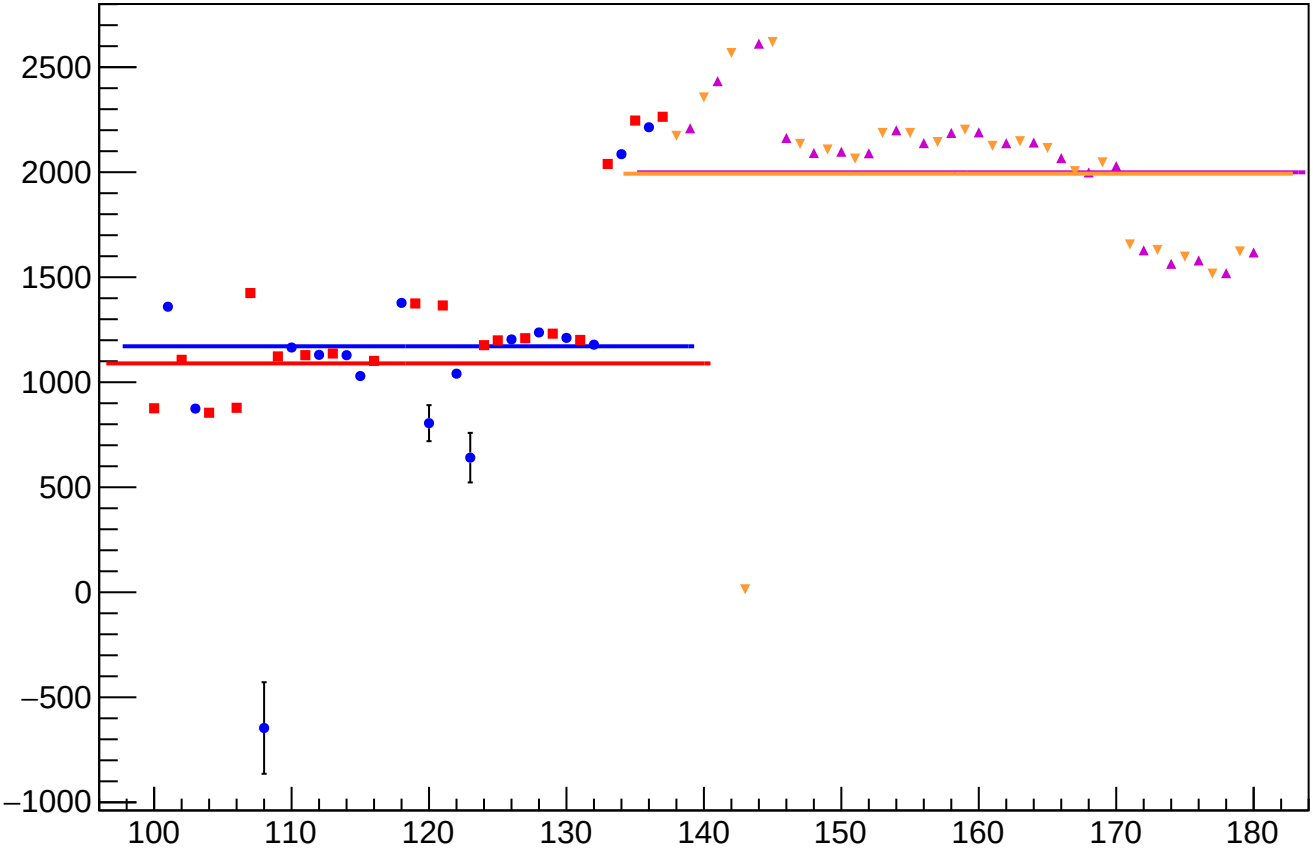
Left In: -1924.515+/-0.373 χ^2/NDF:594058.1/20

+ sign -889.928+/-0.000 χ^2/NDF: 9331467.9/38

All: -976.220+/-0.000 χ^2/NDF: 4488978738

- sign -1134.421+/-0.000 χ^2/NDF: 5825002.2/39

dit_atl2_4eX_slope vs Slug



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 1992.938+/-0.369 χ^2/NDF:671663.8/21

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

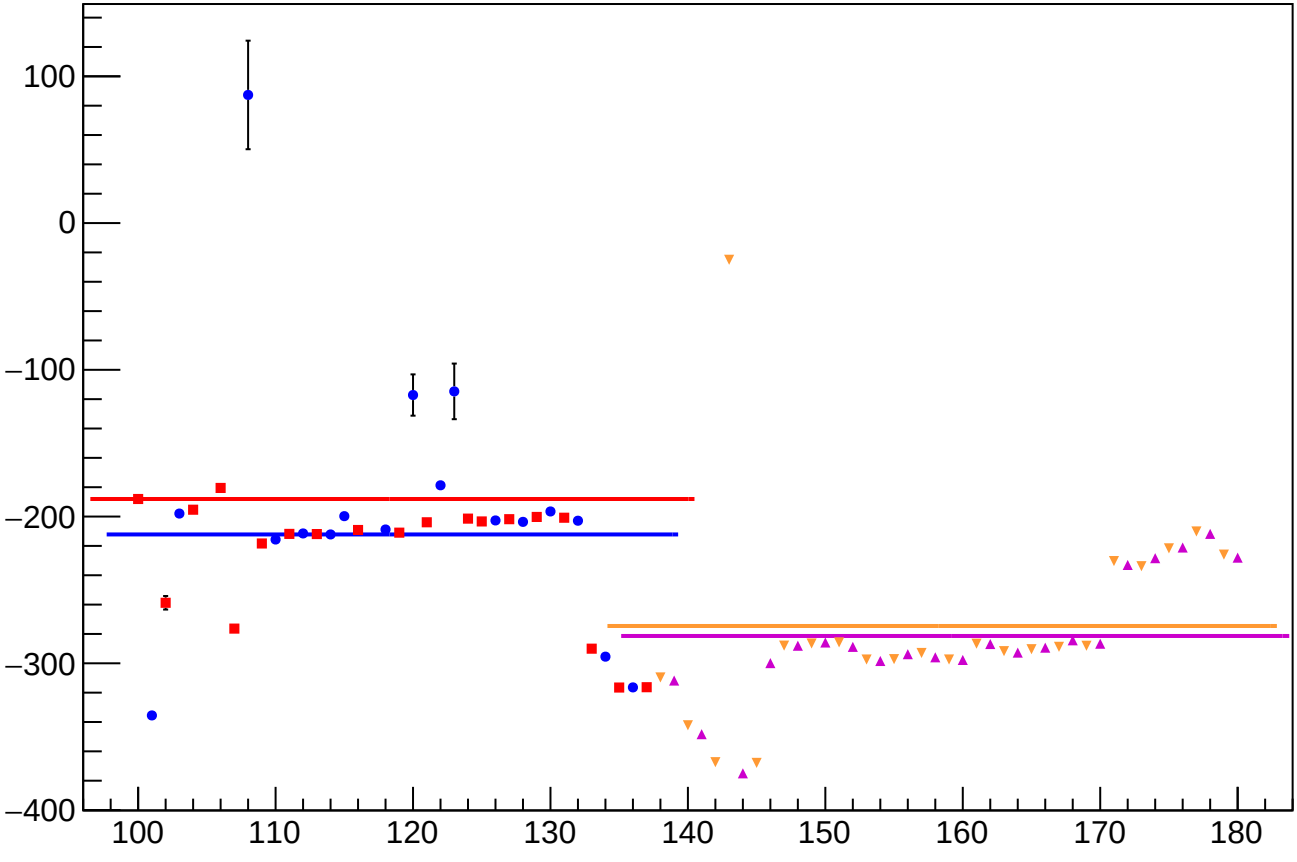
Left In: 1999.403+/-0.375 χ^2/NDF:540476.5/20

+ sign 1422.702+/-0.204 χ^2/NDF: 4613451.9/38

All: 1399.242+/-0.146 χ^2/NDF: 10314152.6/7

- sign 1374.464+/-0.210 χ^2/NDF: 5673614.2/39

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -274.574+/-0.023 χ^2/NDF:6379690.3/21

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

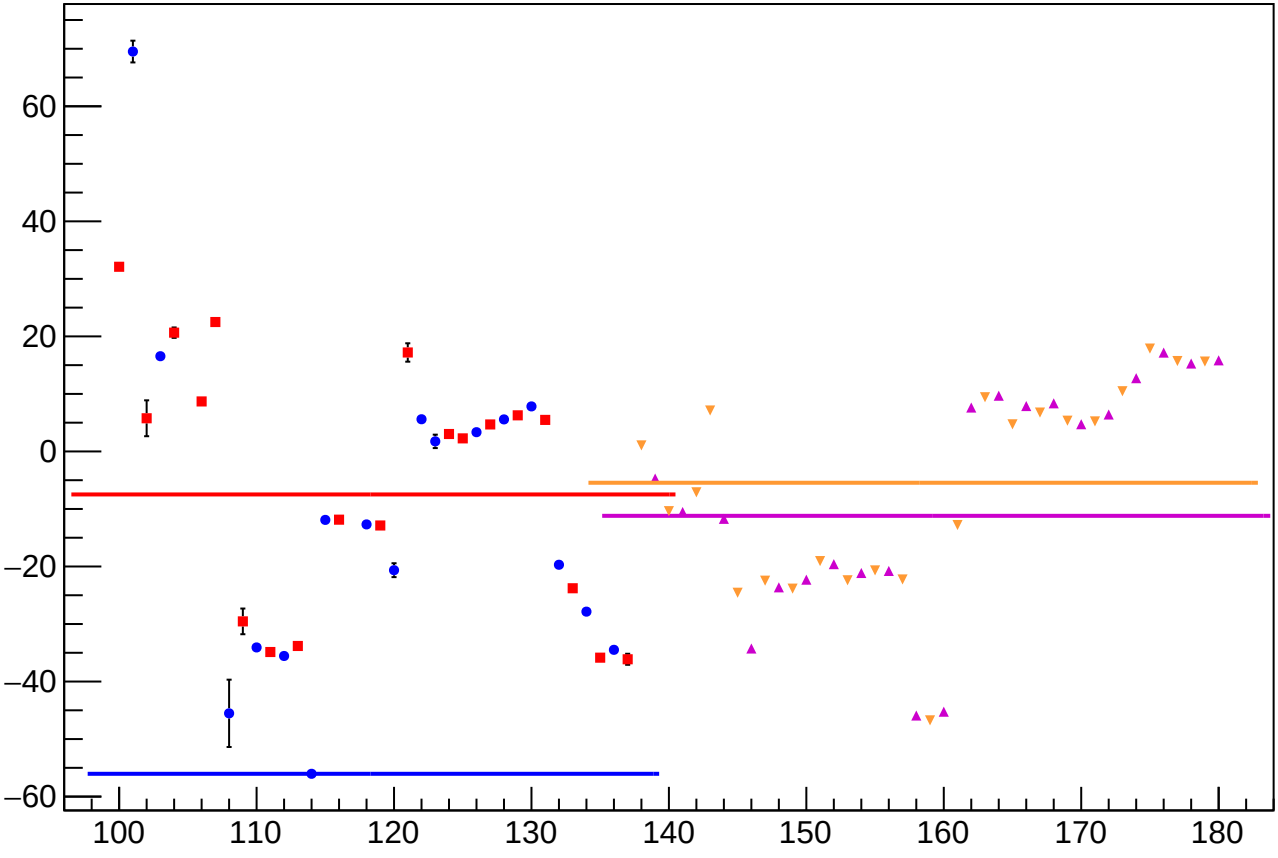
Left In: -281.379+/-0.022 χ^2/NDF:2042886.9/20

+ sign -212.190+/-0.000 χ^2/NDF: 14718046.9/38

All: -195.625+/-0.000 χ^2/NDF: 1362230362 5

- sign -188.033+/-0.000 χ^2/NDF: 20713538.0/39

dit_atl2_4aY_slope vs Slug



Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -5.443+/-0.018 χ^2/NDF:1200805.4/21

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

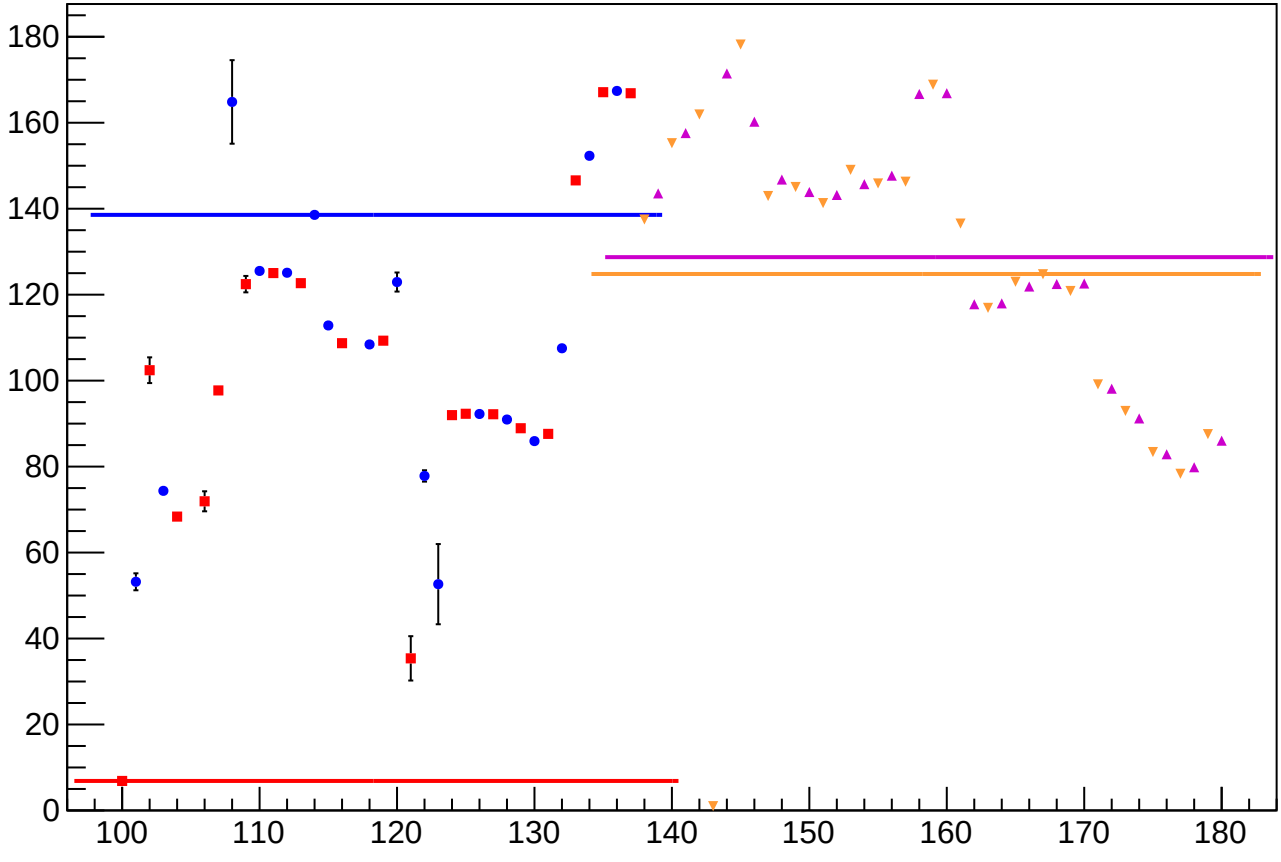
Left In: -11.192+/-0.019 χ^2/NDF:1561594.8/20

+ sign -56.037+/-0.000 χ^2/NDF: 10509726.5/38

All: -56.037+/-0.000 χ^2/NDF: 19266293.6/78

- sign -10.577+/-0.017 χ^2/NDF: 1741965.8/39

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 124.811+/-0.025 χ^2/NDF:1382226.6/21

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

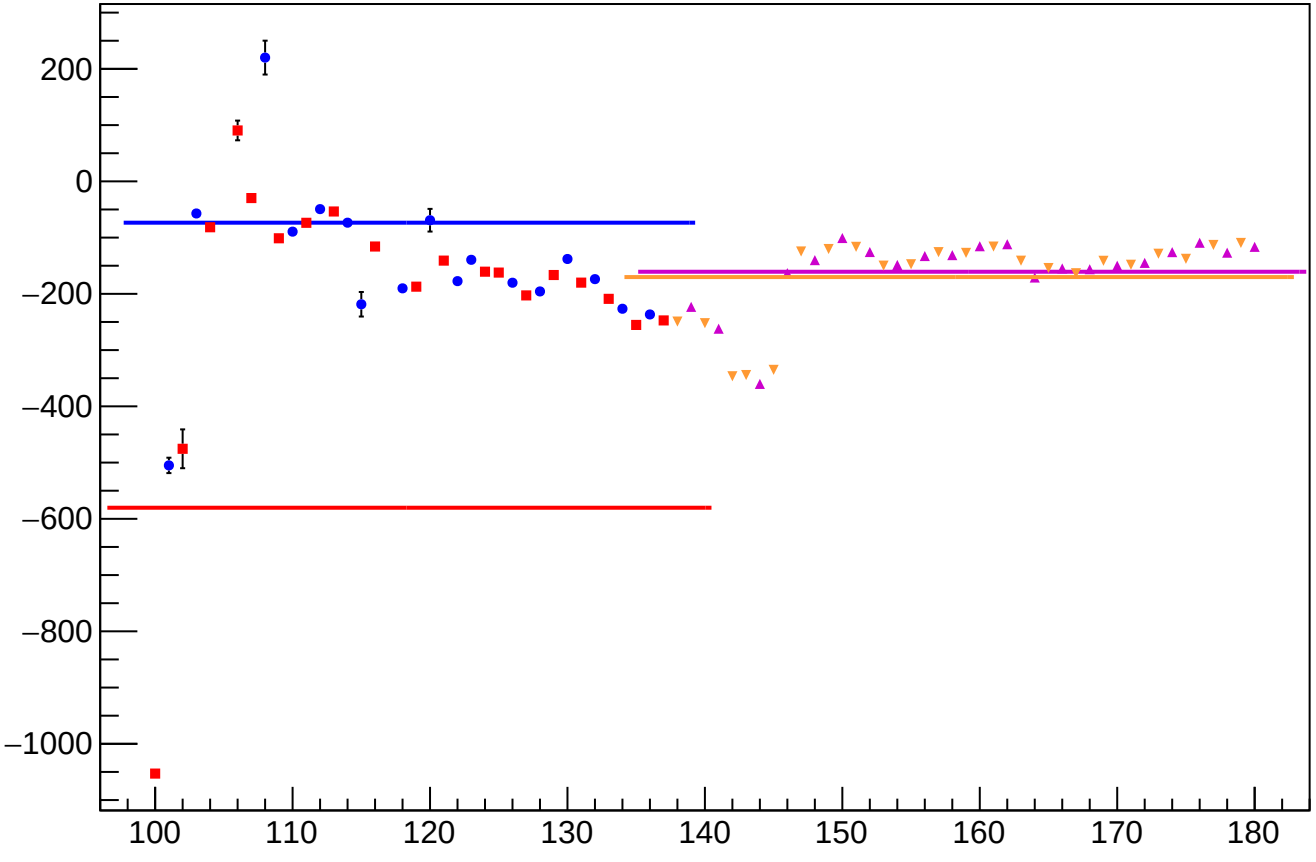
Left In: 128.730+/-0.027 χ^2/NDF:1213676.5/20

+ sign 138.565+/-0.000 χ^2/NDF: 2585000.3/38

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

- sign 6.866+/-0.000 χ^2/NDF: 30331375.1/39

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -170.181+/-0.245 χ^2/NDF:79388.0/21

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

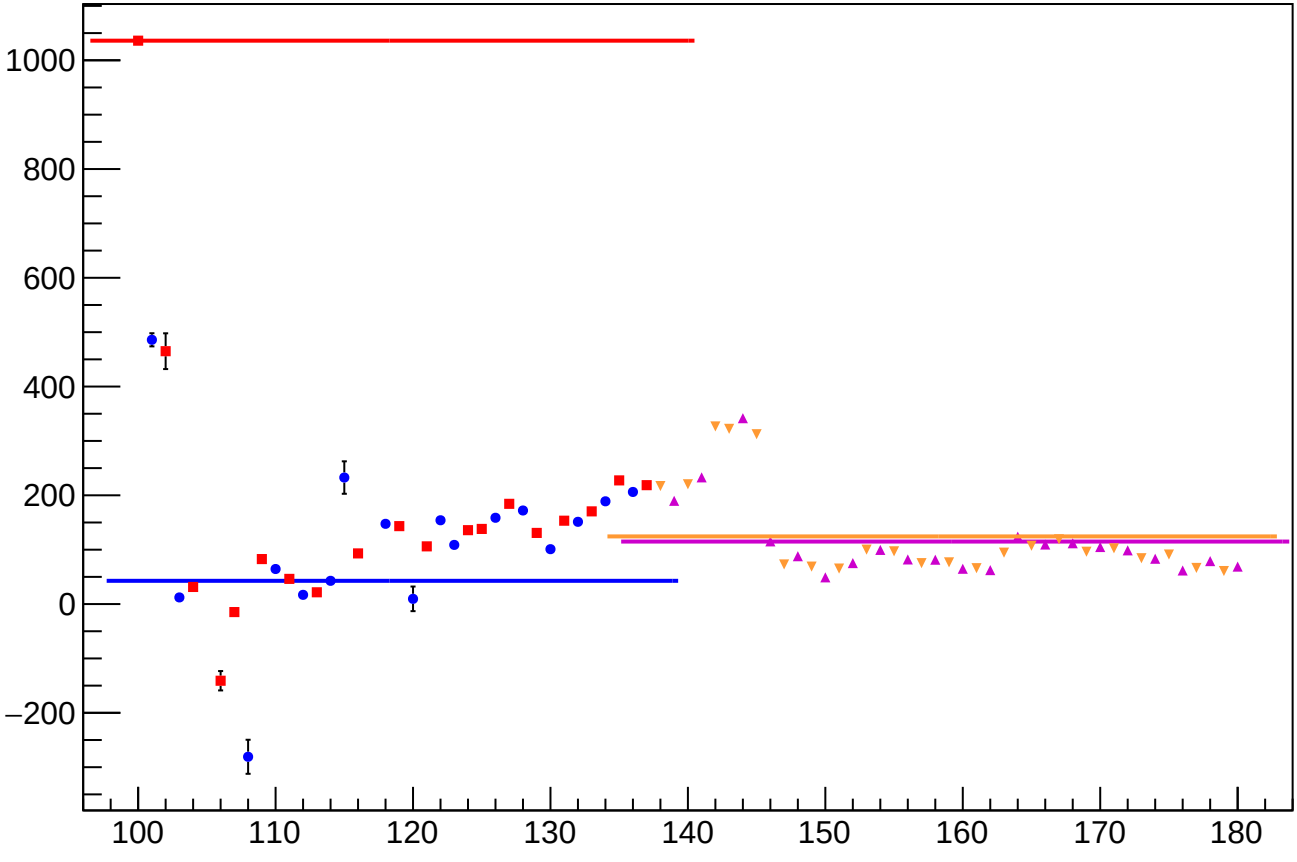
Left In: -160.704+/-0.245 χ^2/NDF:73219.6/20

+ sign -73.485+/-0.000 χ^2/NDF: 334334.1/38

All: -73.485+/-0.000 χ^2/NDF: 7337353.7/78

- sign -357.544+/-0.179 χ^2/NDF: 4477167.8/39

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 124.409+/-0.249 χ^2/NDF:93681.0/21

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

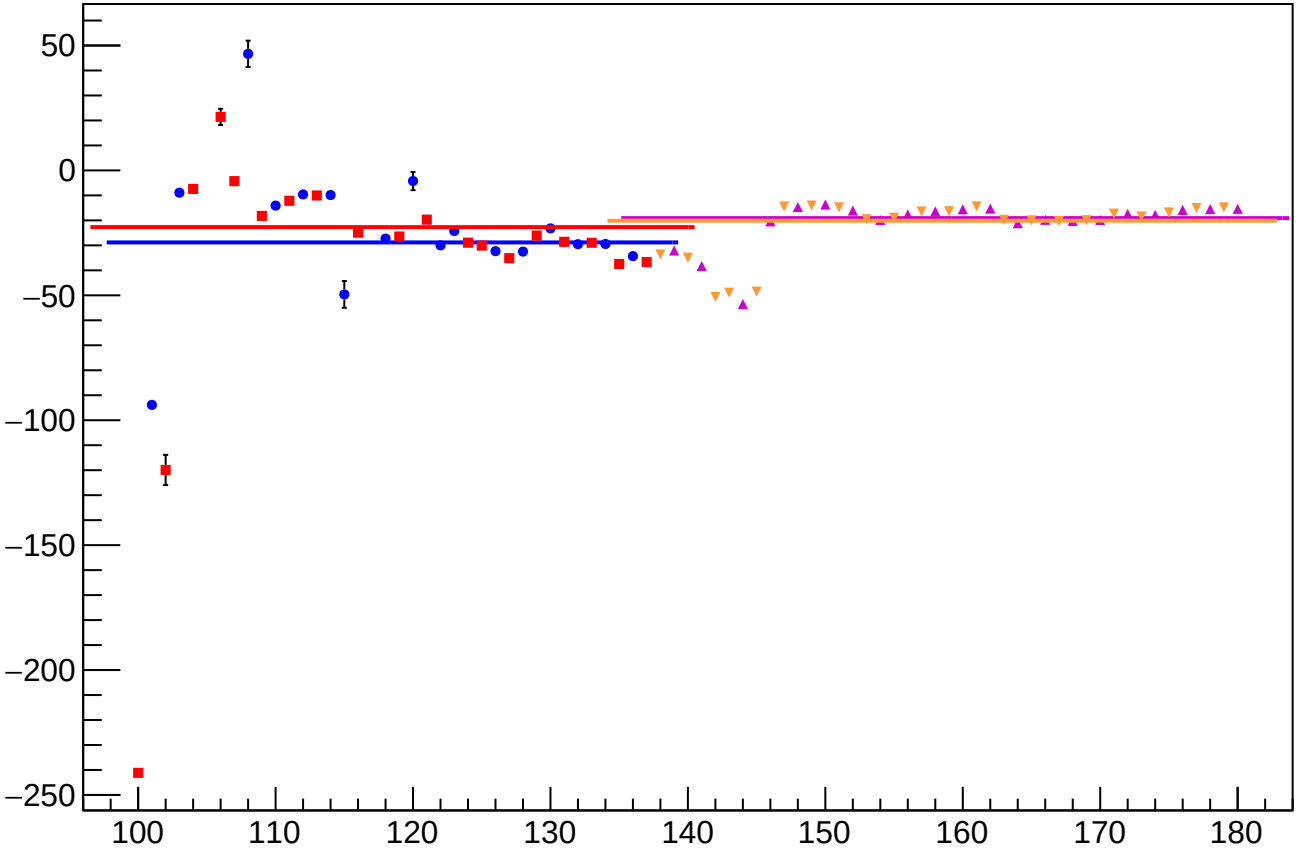
Left In: 114.932+/-0.252 χ^2/NDF:81366.4/20

+ sign 42.743+/-0.000 χ^2/NDF: 285677.6/38

All: 43.272+/-0.000 χ^2/NDF: 114451749726

- sign 1036.068+/-0.000 χ^2/NDF: 18332924.4/39

dit_atr1_11X12X_slope vs Slug



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -20.131+/-0.013 χ^2/NDF:369460.4/21

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

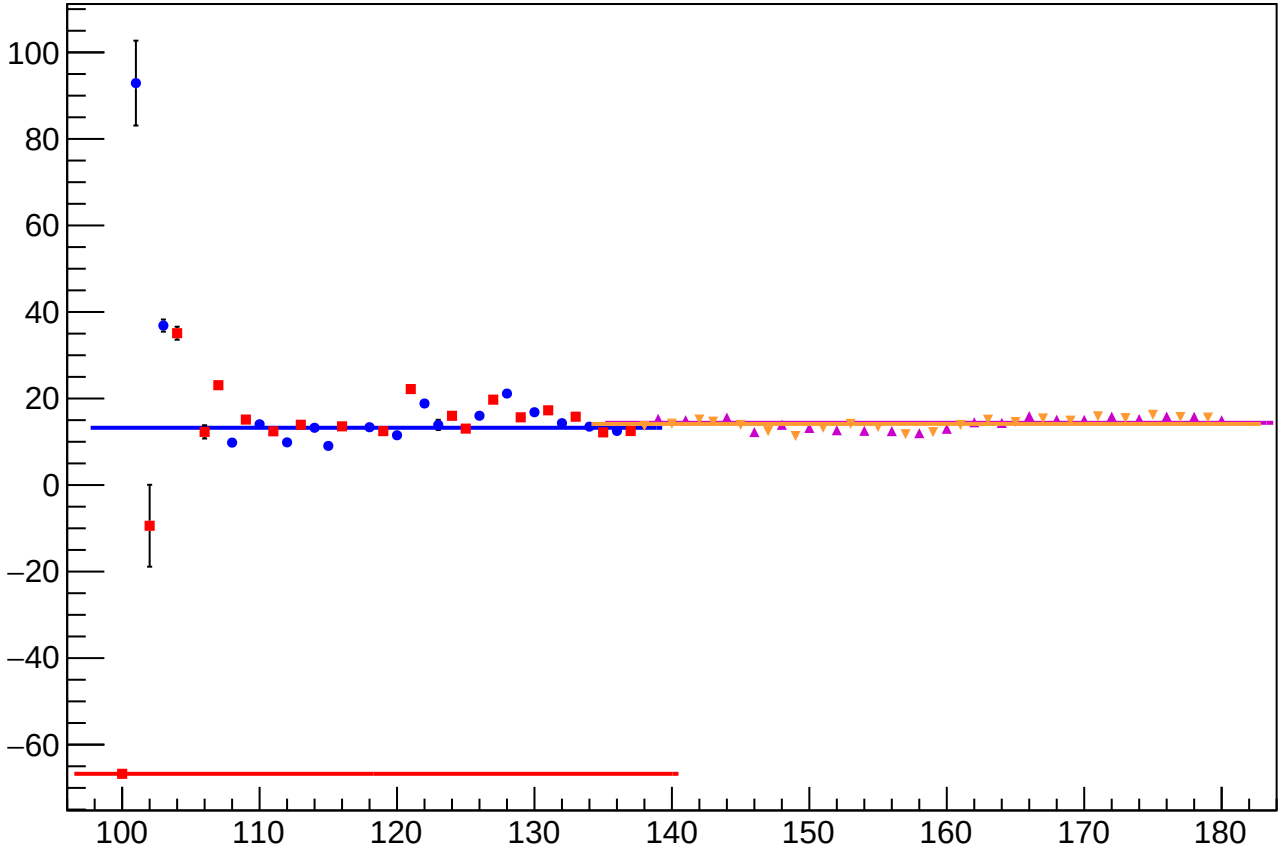
Left In: -19.099+/-0.014 χ^2/NDF:214332.4/20

+ sign -21.196+/-0.012 χ^2/NDF: 473883.4/38

All: -20.444+/-0.009 χ^2/NDF: 1114682.2/78

- sign -19.541+/-0.013 χ^2/NDF: 632381.9/39

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 14.127+/-0.012 χ^2/NDF:10441.6/21

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

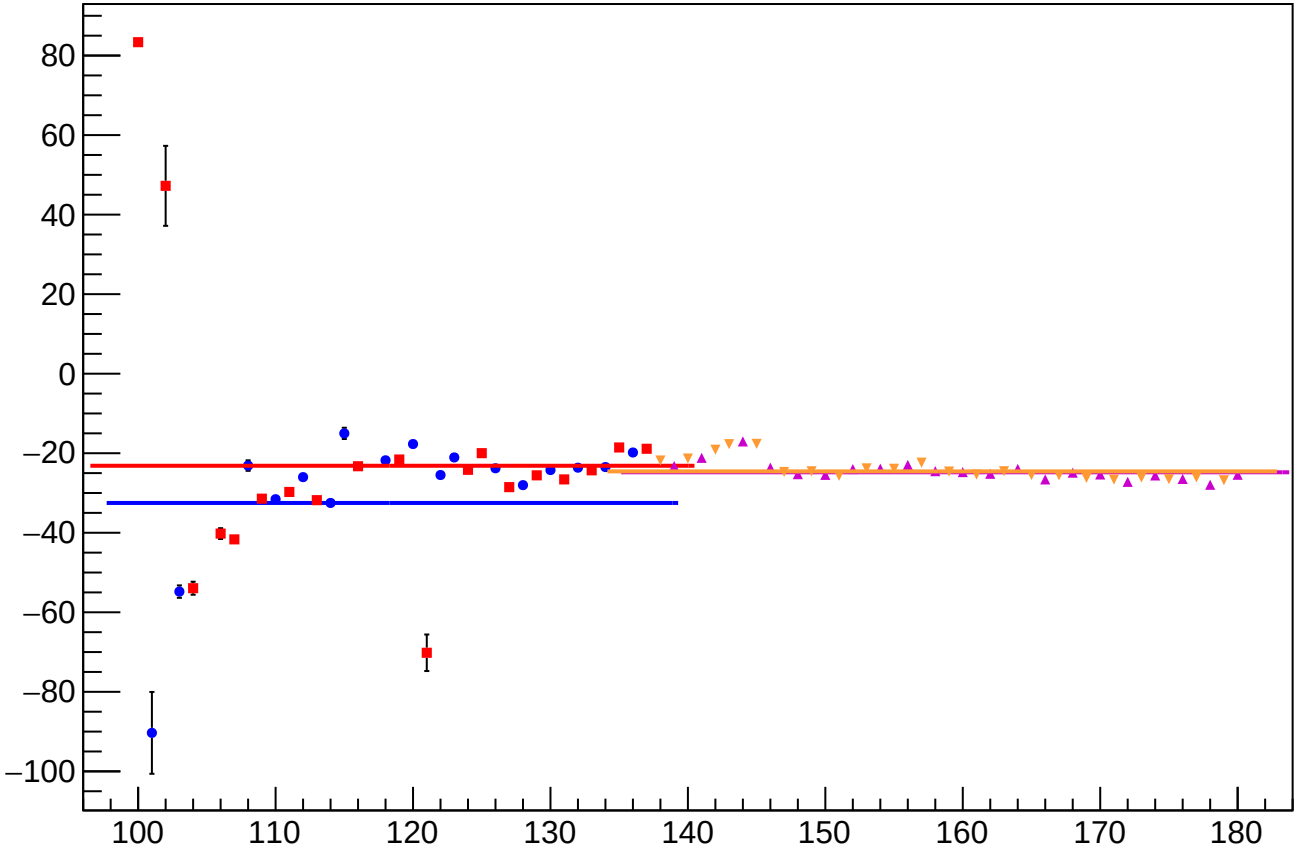
Left In: 14.385+/-0.012 χ^2/NDF:12133.1/20

+ sign 13.238+/-0.000 χ^2/NDF: 21285.6/38

All: 12.562+/-0.000 χ^2/NDF: 1884310027651

- sign -66.739+/-0.000 χ^2/NDF: 50258444.4/39

dit_atr1_4eY_slope vs Slug



Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -24.566+/-0.016 χ^2/NDF:21431.3/21

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

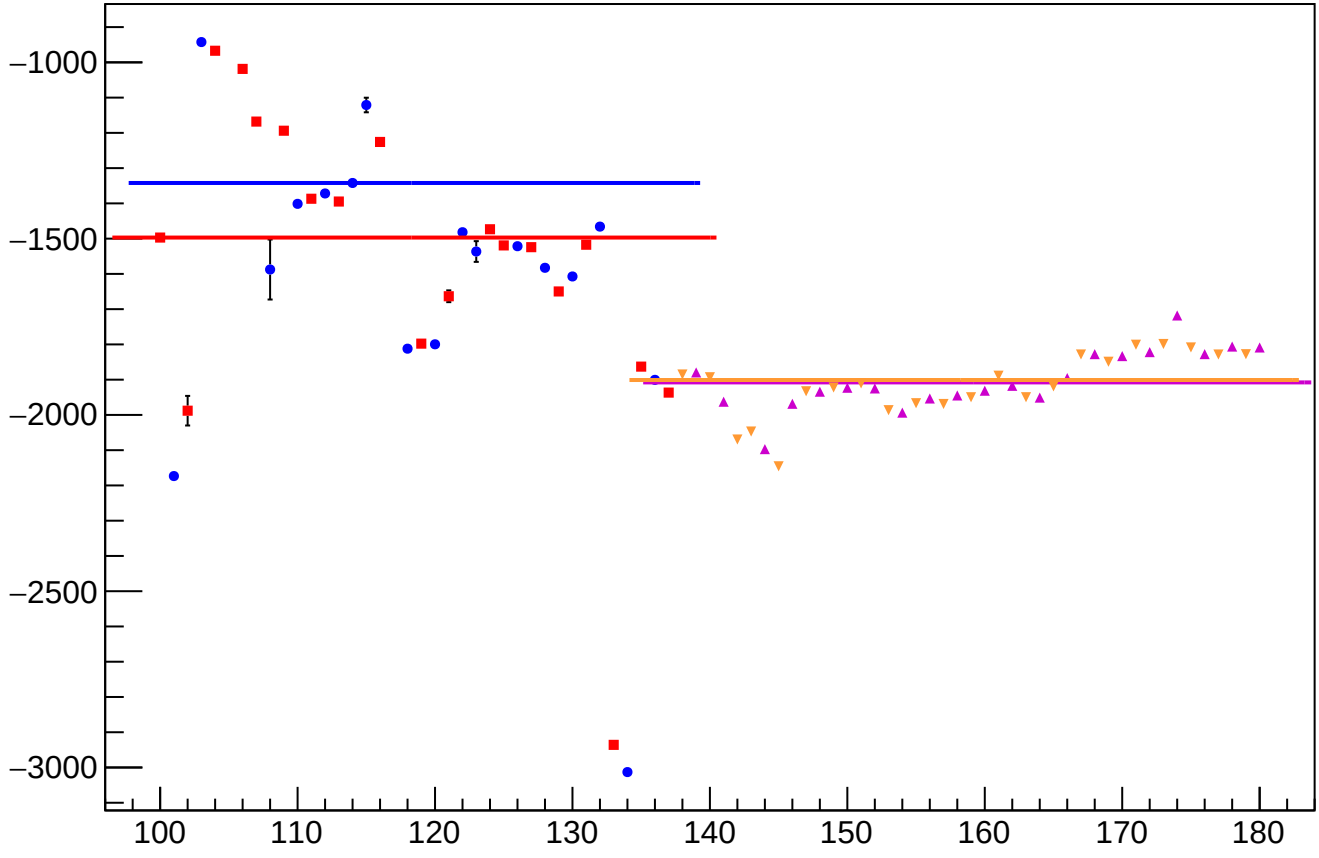
Left In: -24.796+/-0.016 χ^2/NDF:11821.6/20

+ sign -32.504+/-0.000 χ^2/NDF: 338375.0/38

All: -32.504+/-0.000 χ^2/NDF: 726396.7/78

- sign -24.638+/-0.015 χ^2/NDF: 103650.3/39

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1900.997+/-0.324 χ^2/NDF:57524.3/21

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

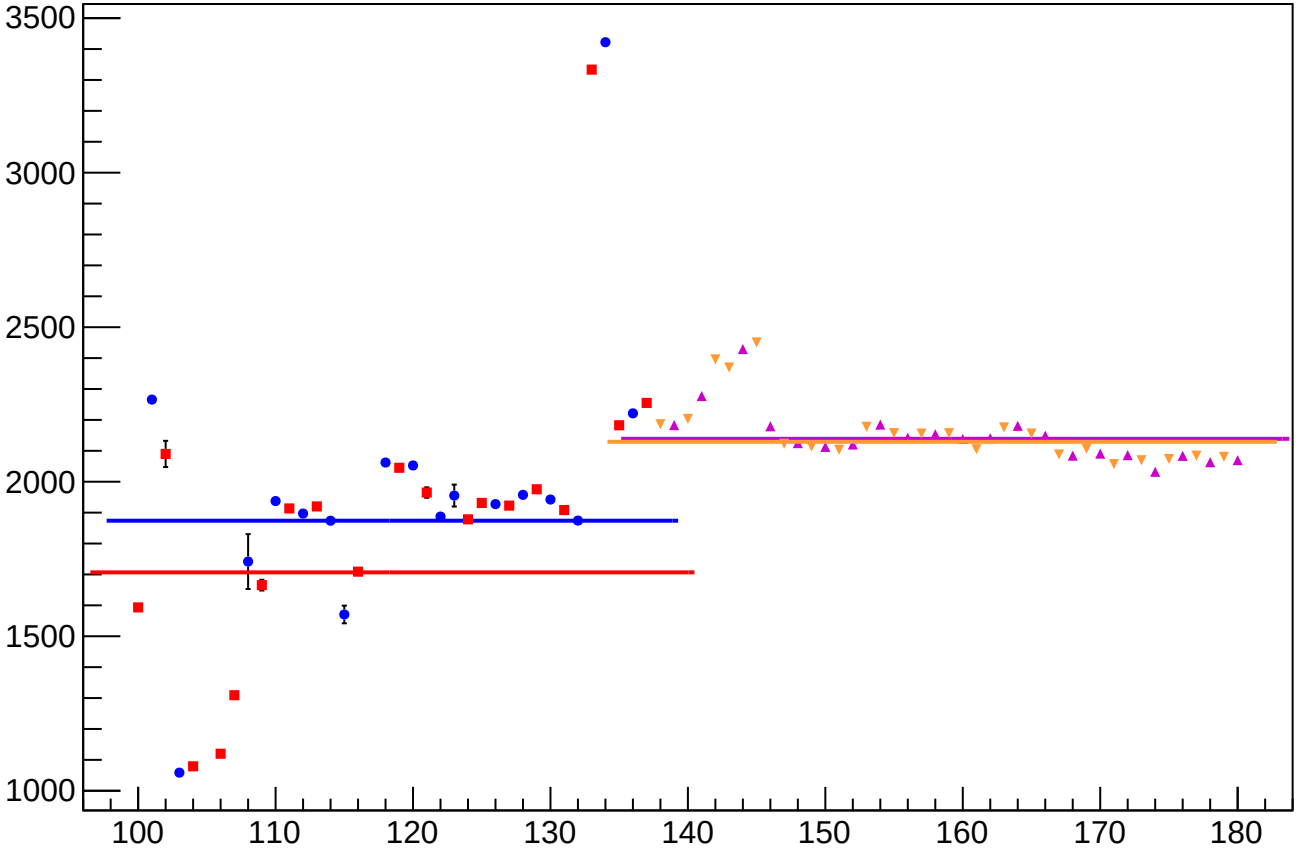
Left In: -1907.772+/-0.293 χ^2/NDF:58657.3/20

+ sign -1342.107+/-0.000 χ^2/NDF: 3396472.0/38

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

- sign -1496.932+/-0.000 χ^2/NDF: 2532230.5/39

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2129.198+/-0.323 χ^2/NDF:45465.4/21

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

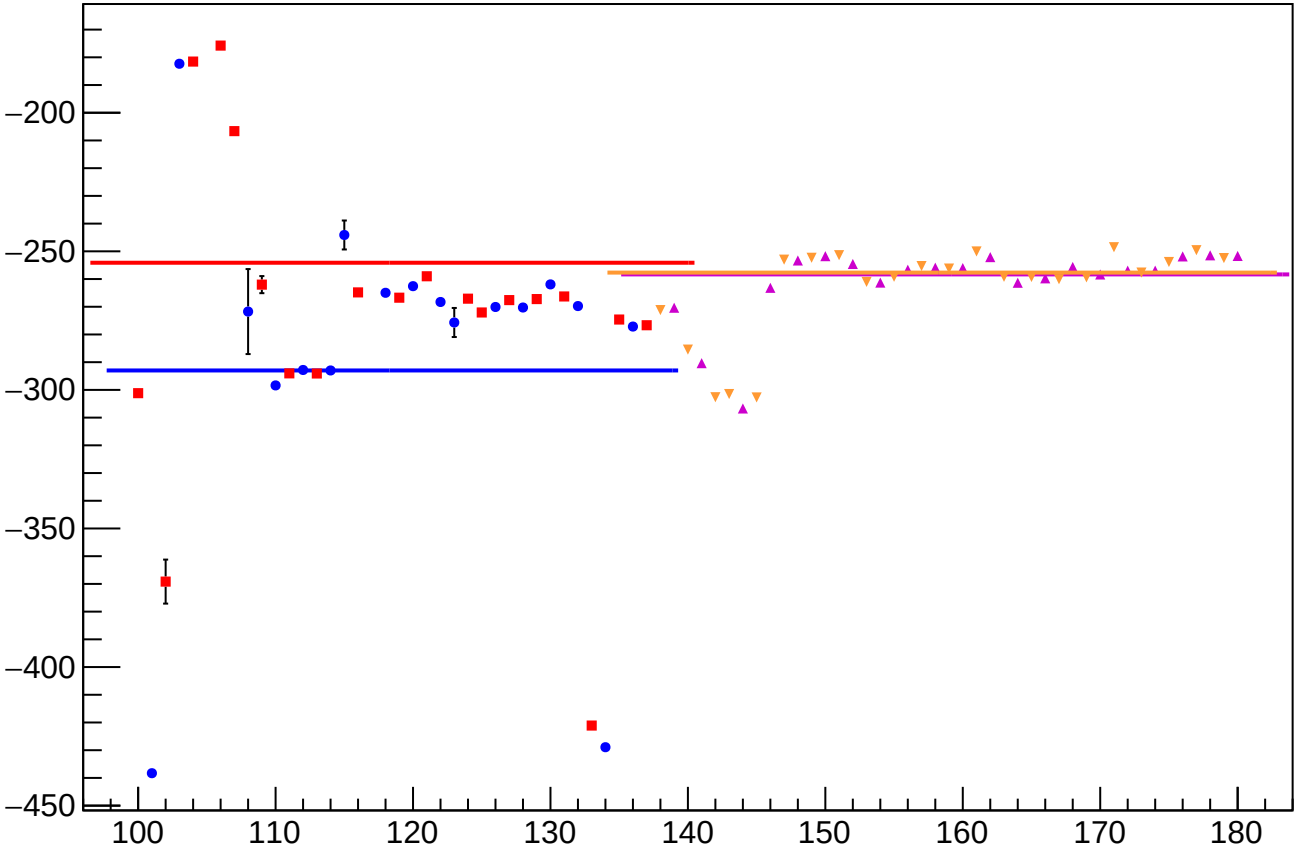
Left In: 2138.853+/-0.294 χ^2/NDF:53952.6/20

+ sign 1873.852+/-0.000 χ^2/NDF: 870565.4/38

All: 1873.852+/-0.000 χ^2/NDF: 2882976.9/78

- sign 1929.228+/-0.211 χ^2/NDF: 1943282.4/39

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -257.674+/-0.020 χ^2/NDF:224838.0/21

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

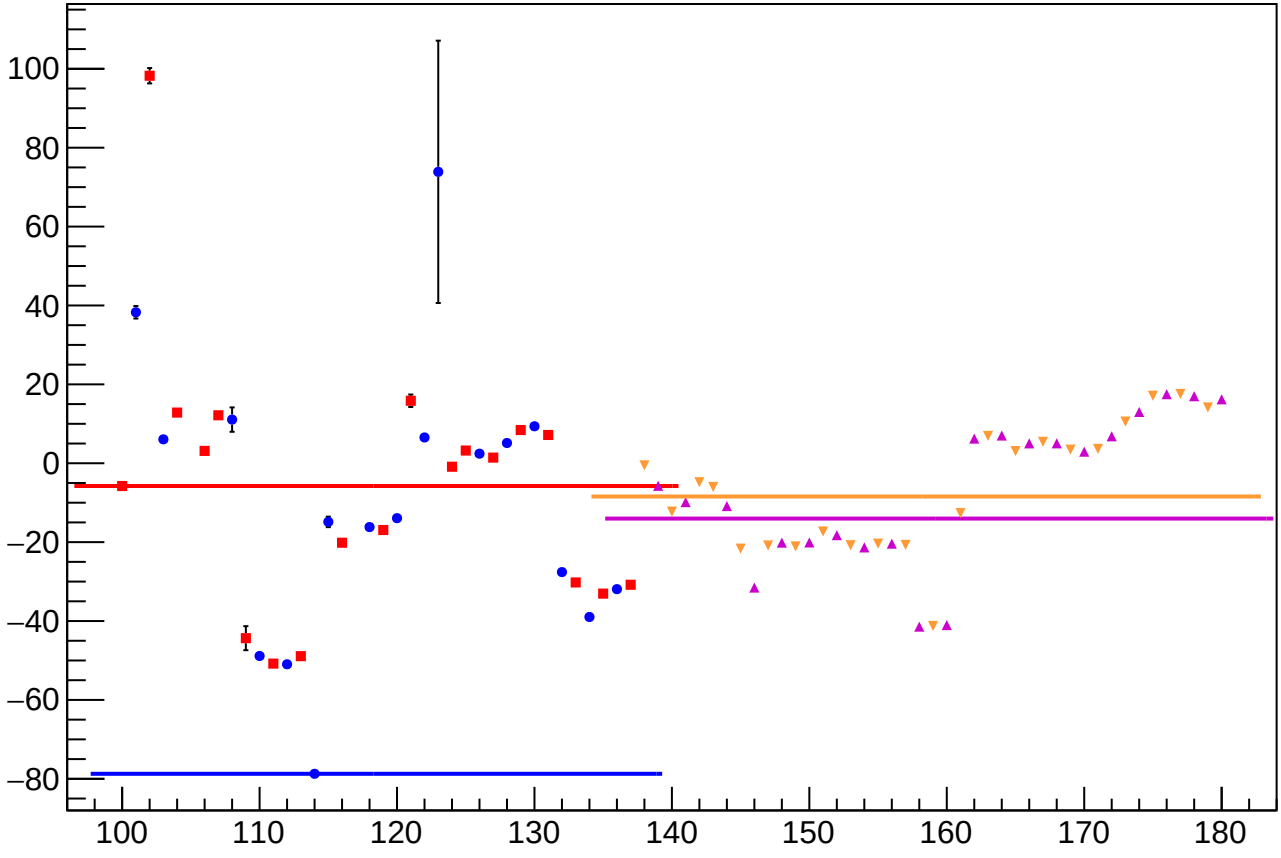
Left In: -258.333+/-0.018 χ^2/NDF:266744.6/20

+ sign -292.986+/-0.000 χ^2/NDF: 4301491.2/38

All: -292.986+/-0.000 χ^2/NDF: 9343343.0/78

- sign -257.985+/-0.017 χ^2/NDF: 774084.1/39

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -8.425+/-0.018 χ^2/NDF:903488.9/21

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

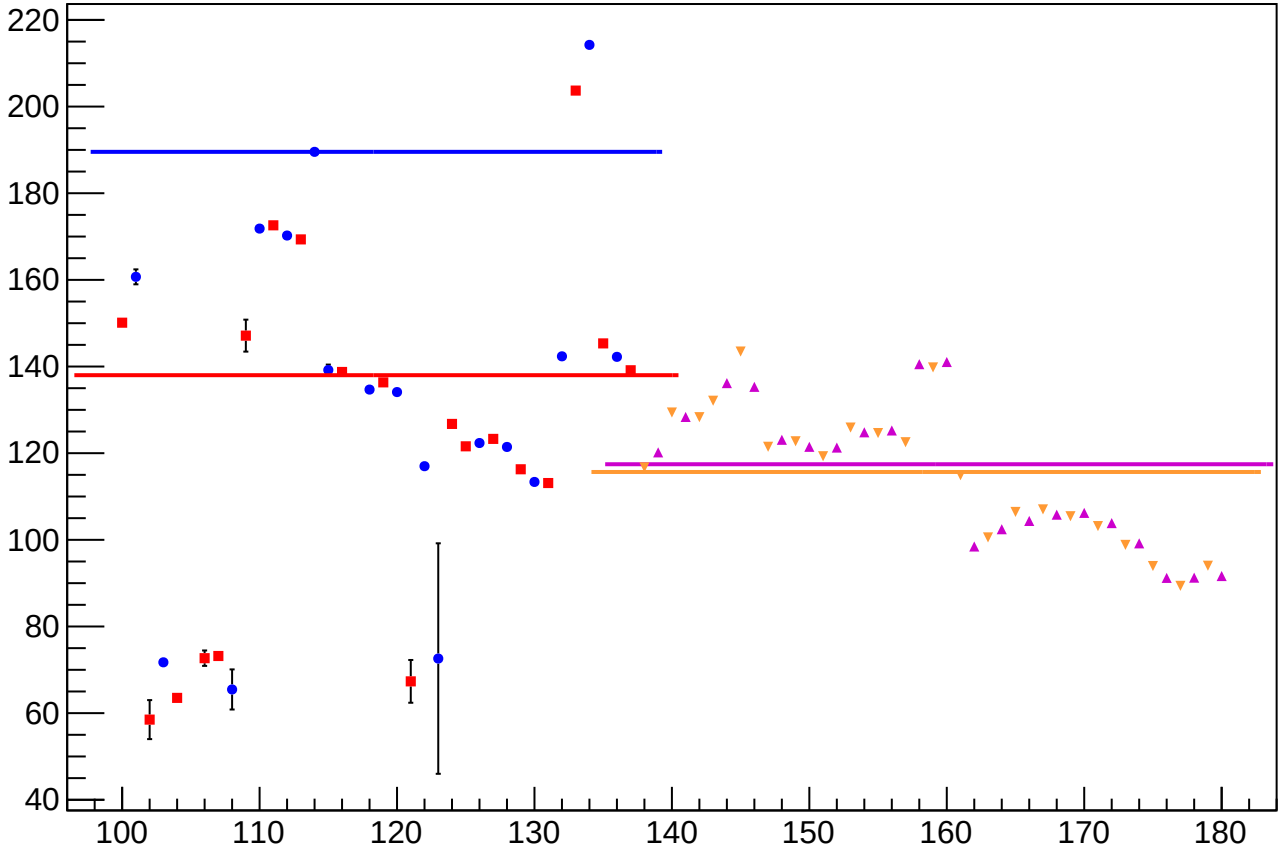
Left In: -14.025+/-0.017 χ^2/NDF:1238765.1/20

+ sign -78.728+/-0.000 χ^2/NDF: 17146715.4/38

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

- sign -5.769+/-0.000 χ^2/NDF: 1583882.1/39

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 115.662+/-0.023 χ^2/NDF:359906.8/21

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

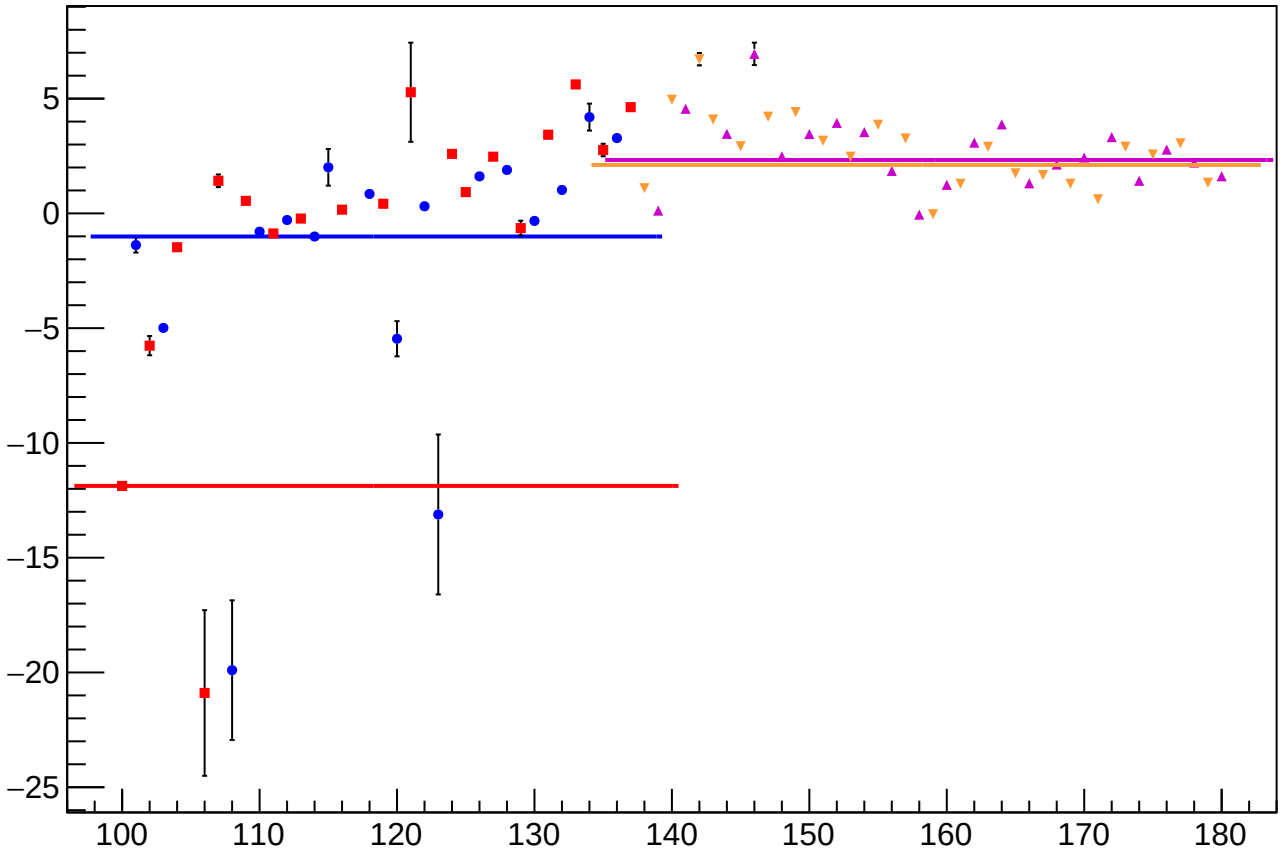
Left In: 117.448+/-0.024 χ^2/NDF:405731.2/20

+ sign 189.551+/-0.000 χ^2/NDF: 11570167.6/38

All: 189.551+/-0.000 χ^2/NDF: 21922138.4/78

- sign 120.350+/-0.022 χ^2/NDF: 627086.2/39

dit_sam1_4aX_slope vs Slug



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.113+/-0.016 χ^2/NDF:6486.8/21

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

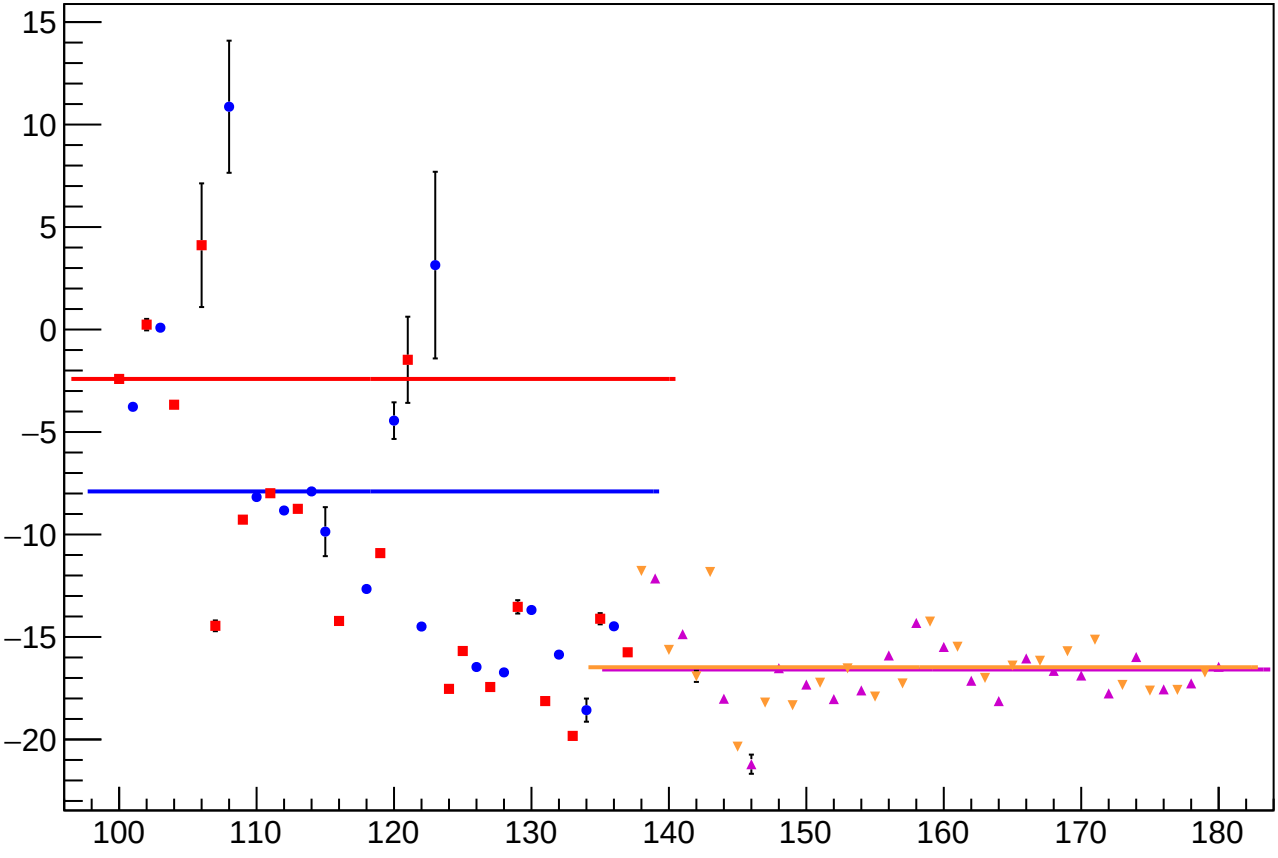
Left In: 2.328+/-0.014 χ^2/NDF:7198.2/20

+ sign -1.007+/-0.000 χ^2/NDF: 53348.6/38

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

- sign -11.872+/-0.000 χ^2/NDF: 1478165.2/39

dit_sam1_4eX_slope vs Slug



Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -16.477+/-0.015 χ^2/NDF:7893.1/21

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

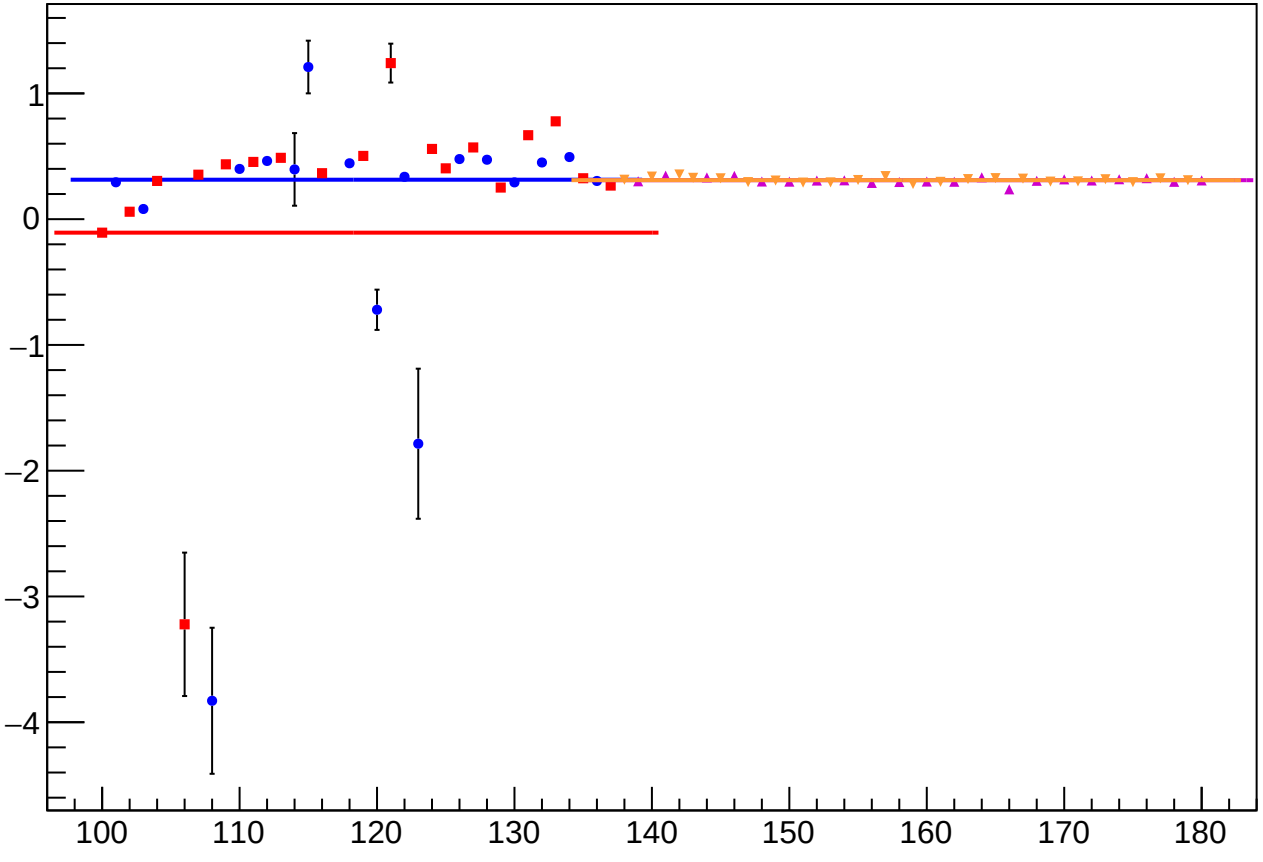
Left In: -16.586+/-0.015 χ^2/NDF:5982.0/20

+ sign -7.899+/-0.000 χ^2/NDF: 359153.2/38

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

- sign -2.410+/-0.000 χ^2/NDF: 1097983.0/39

dit_sam1_11X12X_slope vs Slug



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.310+/-0.000 χ^2/NDF:4626.2/21

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

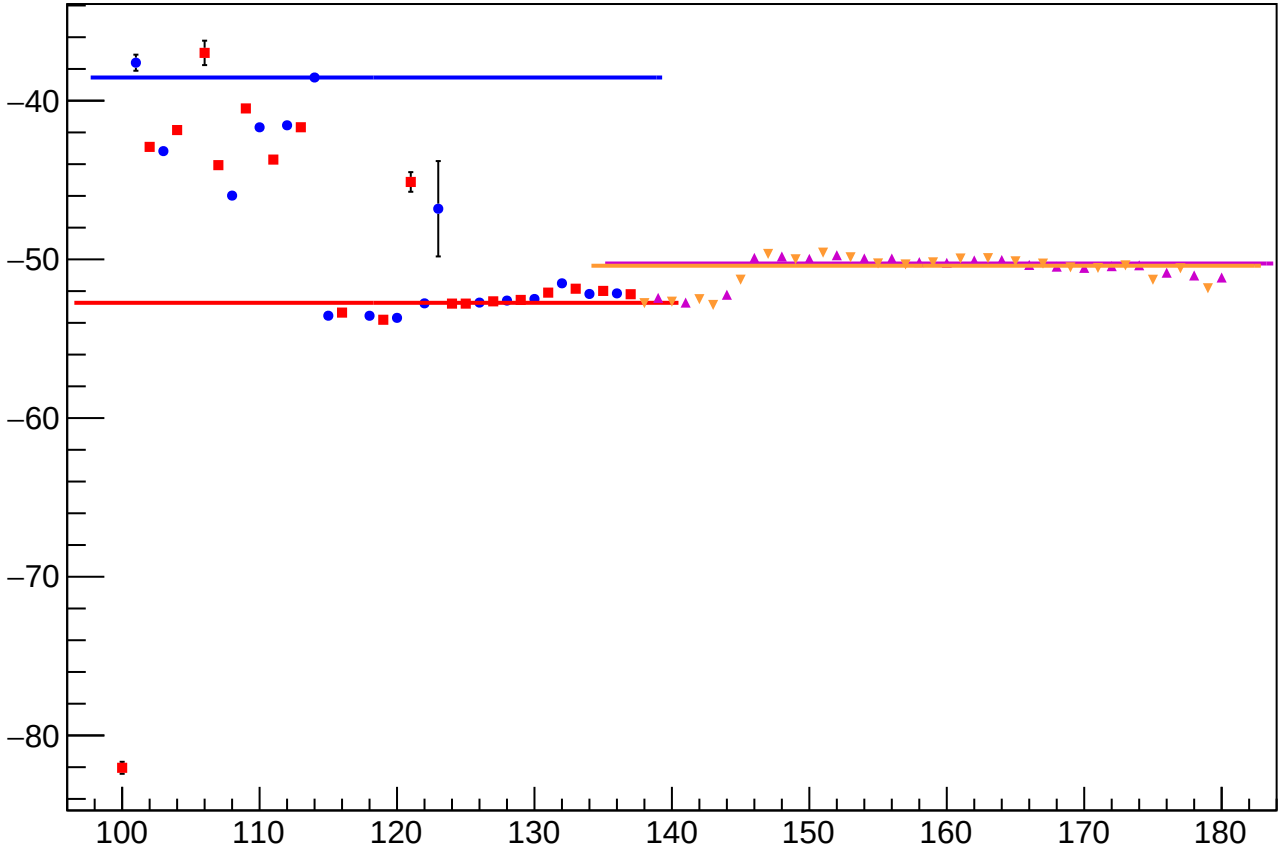
Left In: 0.310+/-0.000 χ^2/NDF:3073.6/20

+ sign 0.310+/-0.000 χ^2/NDF: 7387.1/38

All: -0.107+/-0.000 χ^2/NDF: 6699040.4/78

- sign -0.107+/-0.000 χ^2/NDF: 3314722.3/39

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.400+/-0.001 χ^2/NDF:282700.5/21

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

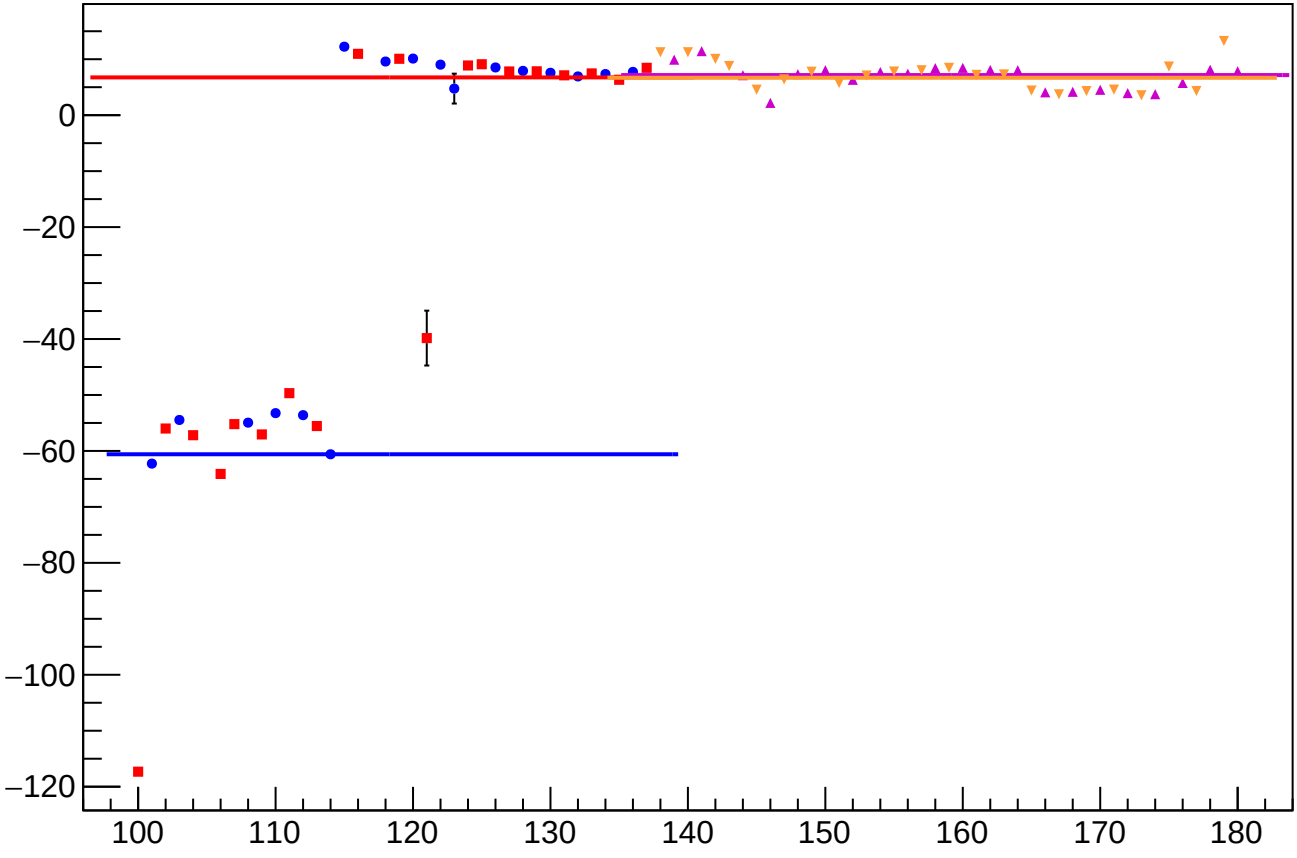
Left In: -50.260+/-0.001 χ^2/NDF:176627.6/20

+ sign -38.539+/-0.000 χ^2/NDF: 85247062.4/38

All: -38.539+/-0.000 χ^2/NDF: 229333910.4/7

- sign -51.027+/-0.001 χ^2/NDF: 1462834.0/39

dit_sam1_4eY_slope vs Slug



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 6.684+/-0.004 χ^2/NDF:325982.7/21

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

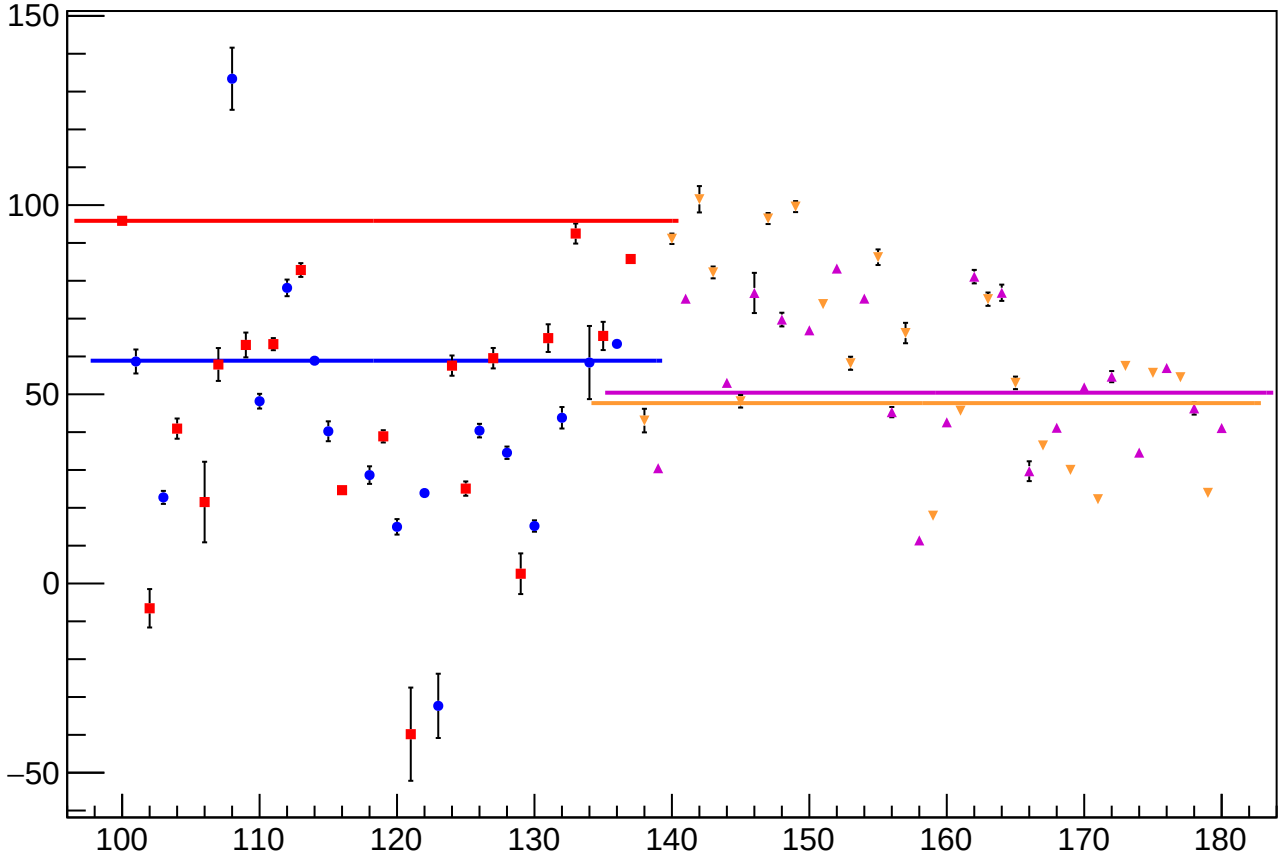
Left In: 7.166+/-0.003 χ^2/NDF:208827.6/20

+ sign -60.594+/-0.000 χ^2/NDF: 351820772.0/38

All: -60.594+/-0.000 χ^2/NDF: 773180004.8/7

- sign 7.128+/-0.003 χ^2/NDF: 1476730.9/39

dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 47.670+/-0.241 χ^2/NDF:9080.2/21

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

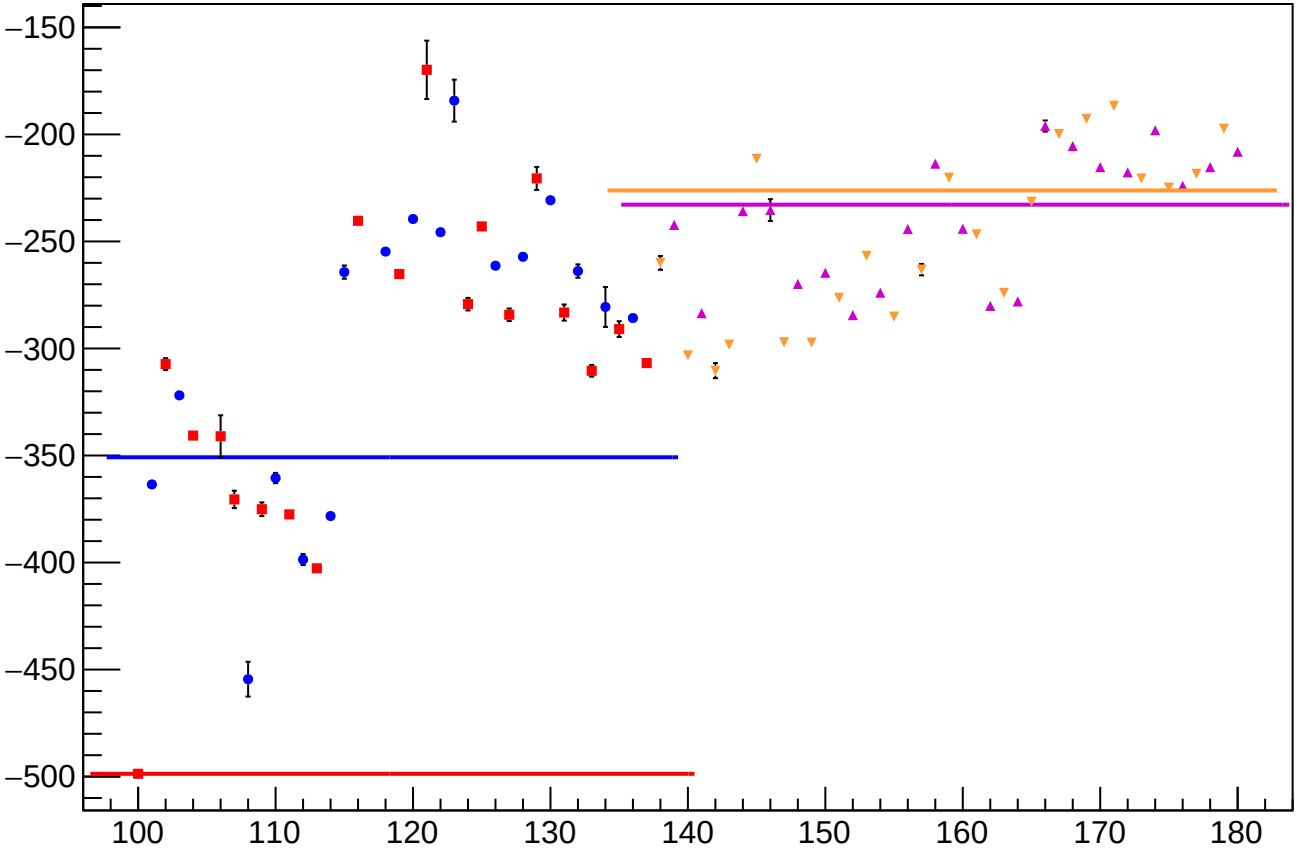
Left In: 50.422+/-0.218 χ^2/NDF:6345.1/20

+ sign 58.880+/-0.000 χ^2/NDF: 15062.7/38

All: 60.098+/-0.000 χ^2/NDF: 981523394566

- sign 95.846+/-0.000 χ^2/NDF: 89304.0/39

dit_sam2_4eX_slope vs Slug



Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -226.169+/-0.241 χ^2/NDF:21549.8/21

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

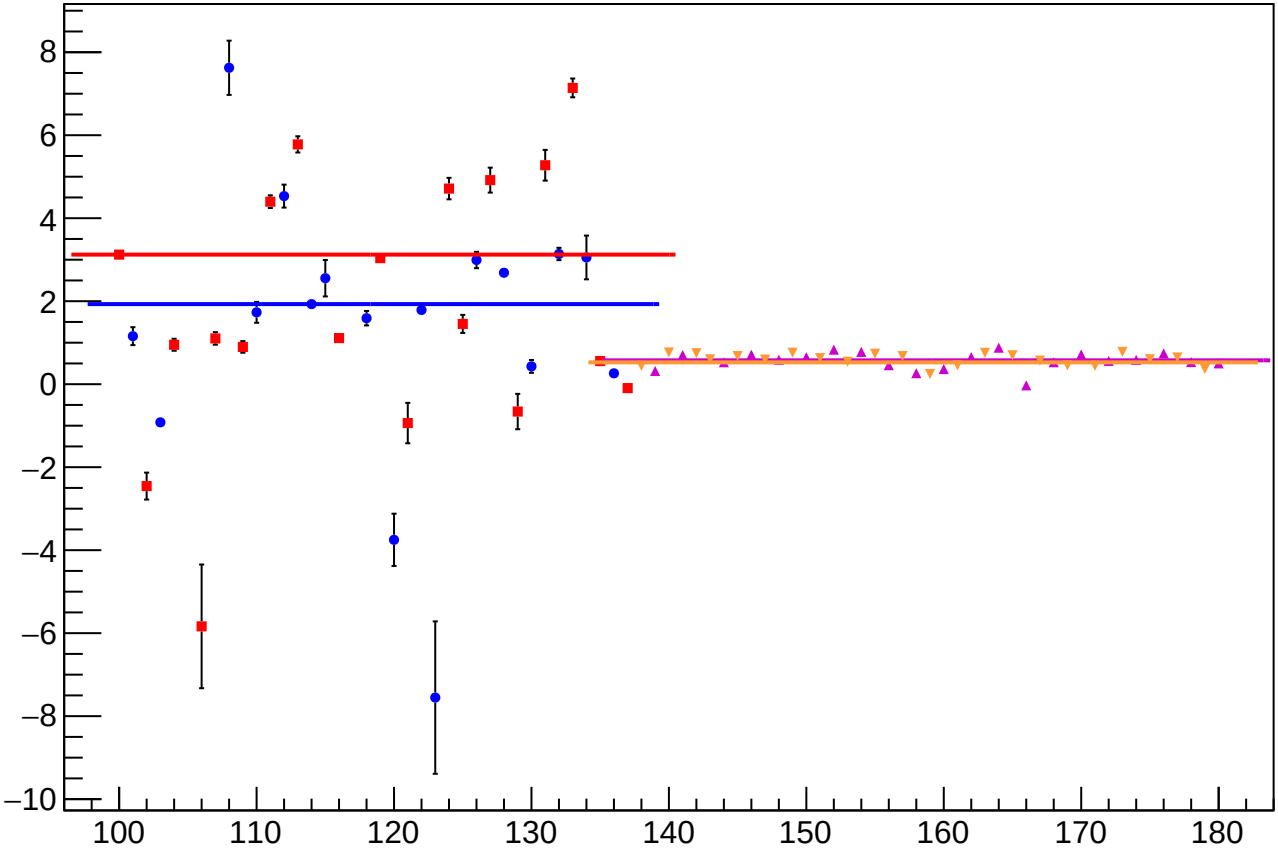
Left In: -232.818+/-0.223 χ^2/NDF:16998.5/20

+ sign -287.551+/-0.172 χ^2/NDF: 194780.9/38

All: -498.692+/-0.000 χ^2/NDF: 3664831.0/78

- sign -498.692+/-0.000 χ^2/NDF: 1955895.1/39

dit_sam2_11X12X_slope vs Slug



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.526+/-0.002 χ^2/NDF:10325.9/21

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

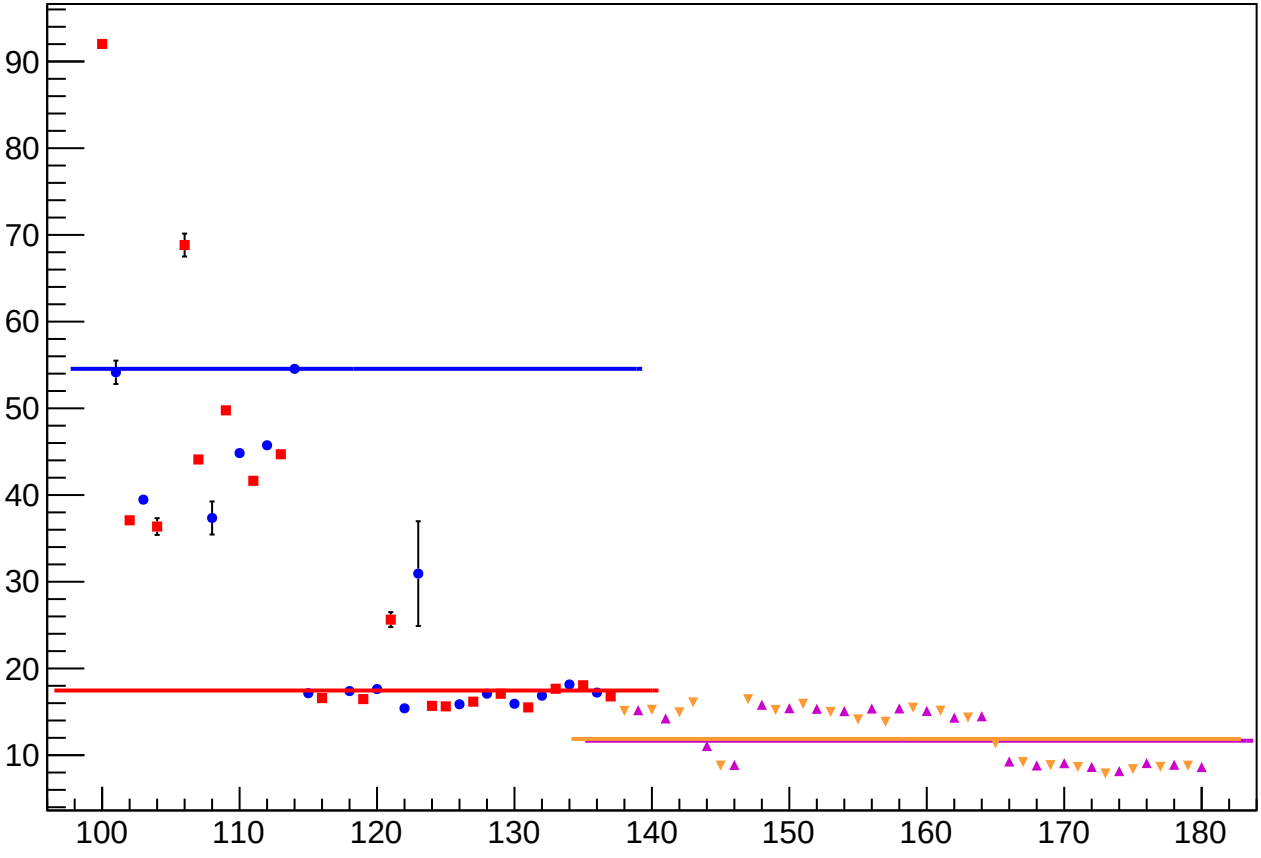
Left In: 0.575+/-0.001 χ^2/NDF:15176.8/20

+ sign 1.930+/-0.000 χ^2/NDF: 678861.6/38

All: 2.073+/-0.000 χ^2/NDF: 3809953457808

- sign 3.123+/-0.000 χ^2/NDF: 3487320.1/39

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 11.874+/-0.006 χ^2/NDF:301330.6/21

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

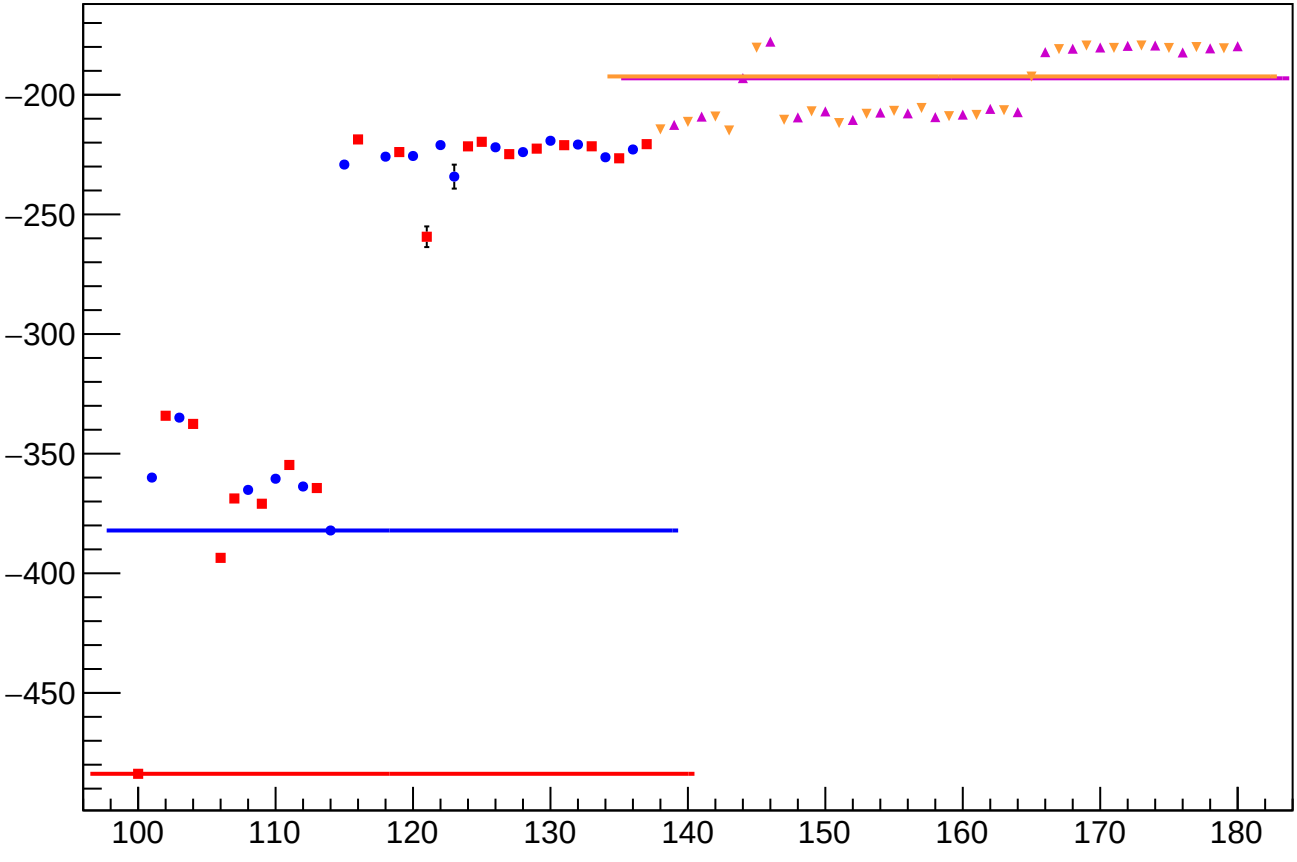
Left In: 11.667+/-0.005 χ^2/NDF:360014.7/20

+ sign 54.556+/-0.000 χ^2/NDF: 57618613.0/38

All: 54.556+/-0.000 χ^2/NDF: 125577240.1/78

- sign 12.130+/-0.005 χ^2/NDF: 551614.6/39

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -192.332+/-0.012 χ^2/NDF:1442596.7/21

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

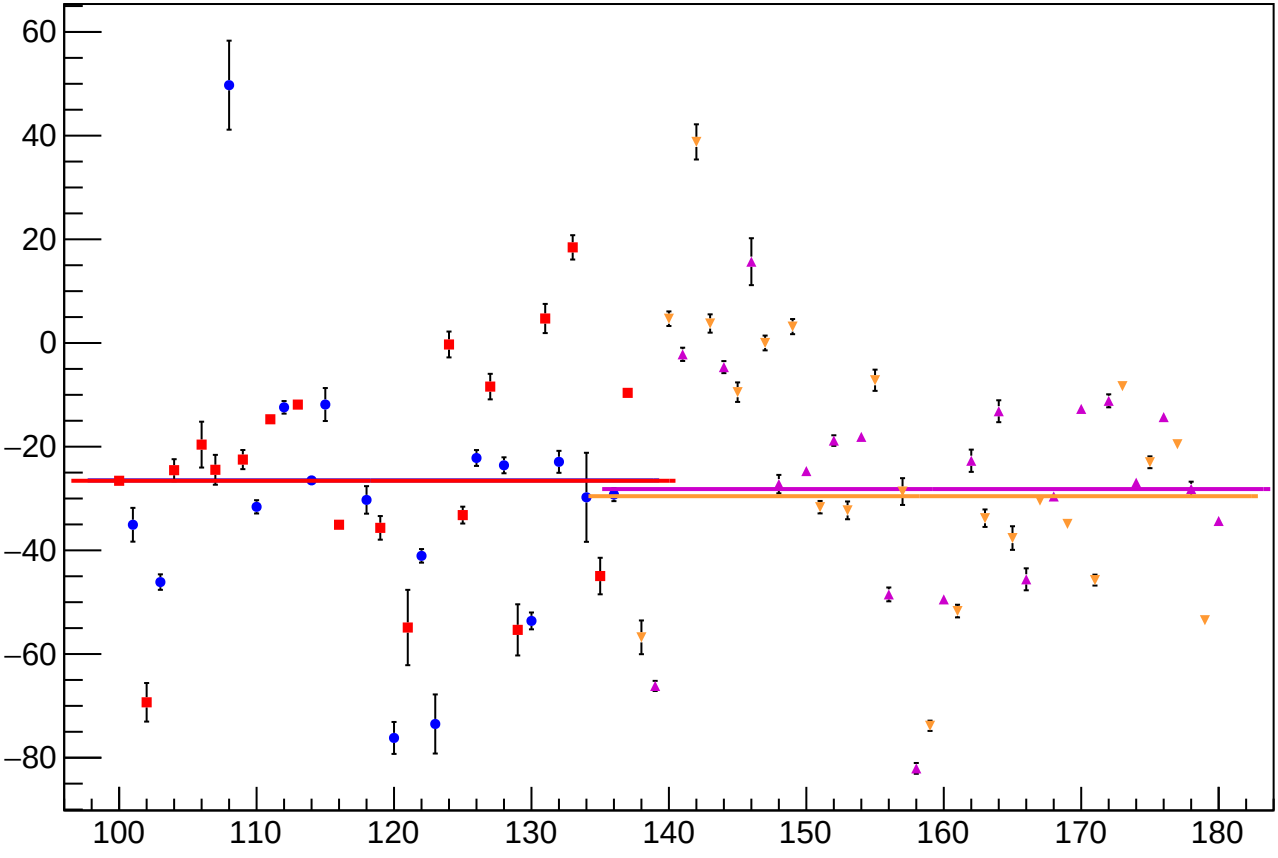
Left In: -193.124+/-0.012 χ^2/NDF:1441750.4/20

+ sign -382.108+/-0.000 χ^2/NDF: 274861292.7/38

All: -417.999+/-0.000 χ^2/NDF: 12425488813

- sign -483.800+/-0.000 χ^2/NDF: 644320562.5/39

dit_sam3_4aX_slope vs Slug



Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -29.552+/-0.251 χ^2/NDF:6950.2/21

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

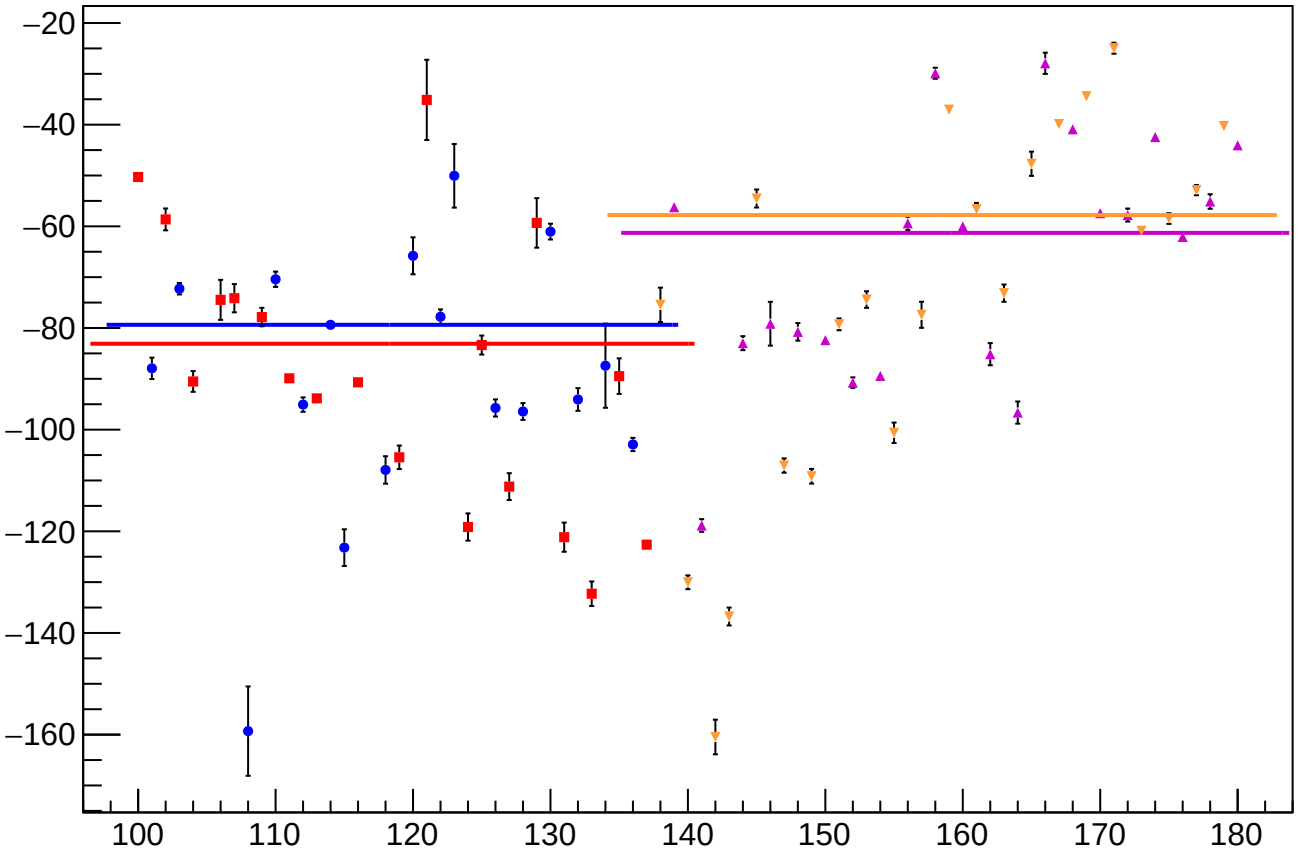
Left In: -28.177+/-0.219 χ^2/NDF:7365.7/20

+ sign -26.504+/-0.000 χ^2/NDF: 8278.2/38

All: -26.530+/-0.000 χ^2/NDF: 412159279654

- sign -26.577+/-0.000 χ^2/NDF: 10060.1/39

dit_sam3_4eX_slope vs Slug



Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -57.791+/-0.247 χ^2/NDF:12916.6/21

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

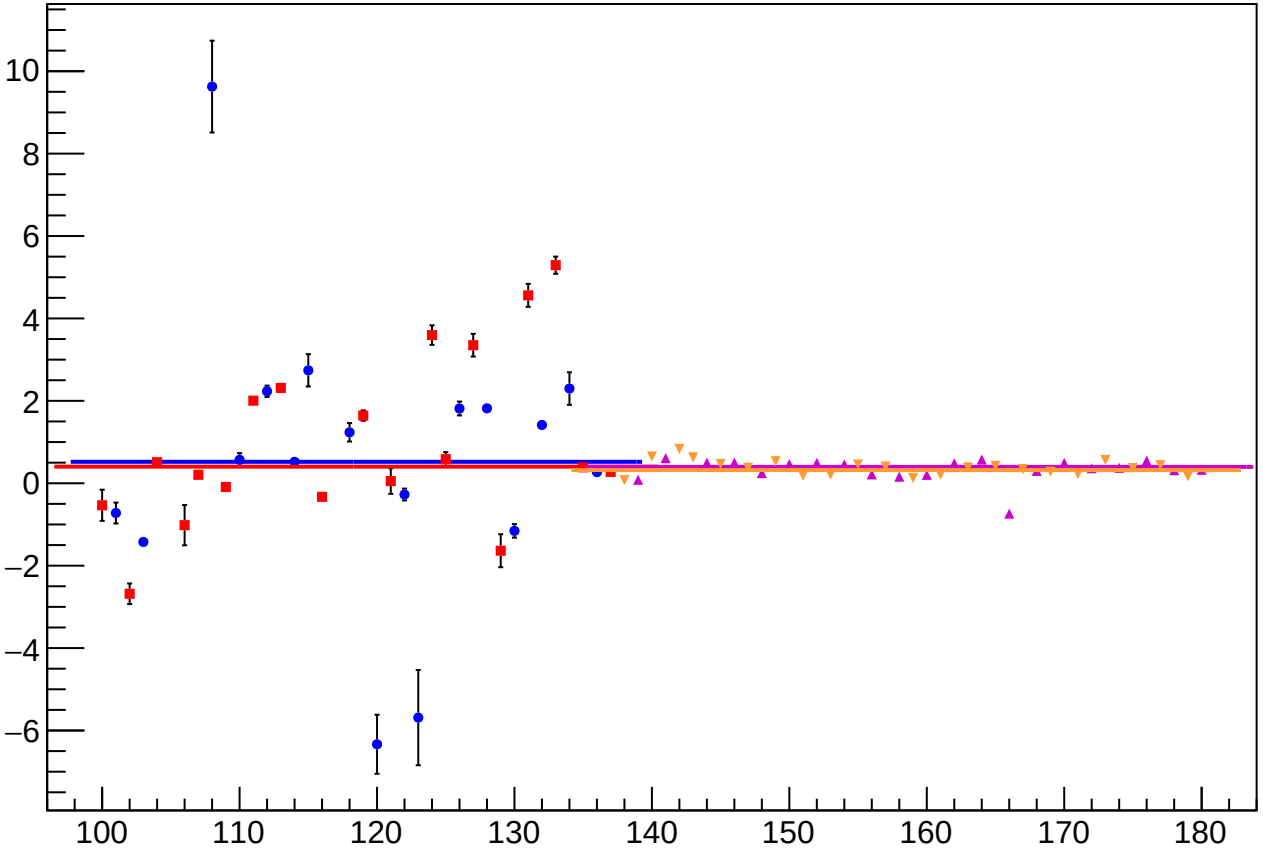
Left In: -61.289+/-0.221 χ^2/NDF:8652.0/20

+ sign -79.376+/-0.000 χ^2/NDF: 21888.7/38

All: -79.376+/-0.000 χ^2/NDF: 49600.5/78

- sign -74.500+/-0.139 χ^2/NDF: 26475.3/39

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.320+/-0.002 χ^2/NDF:10041.3/21

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

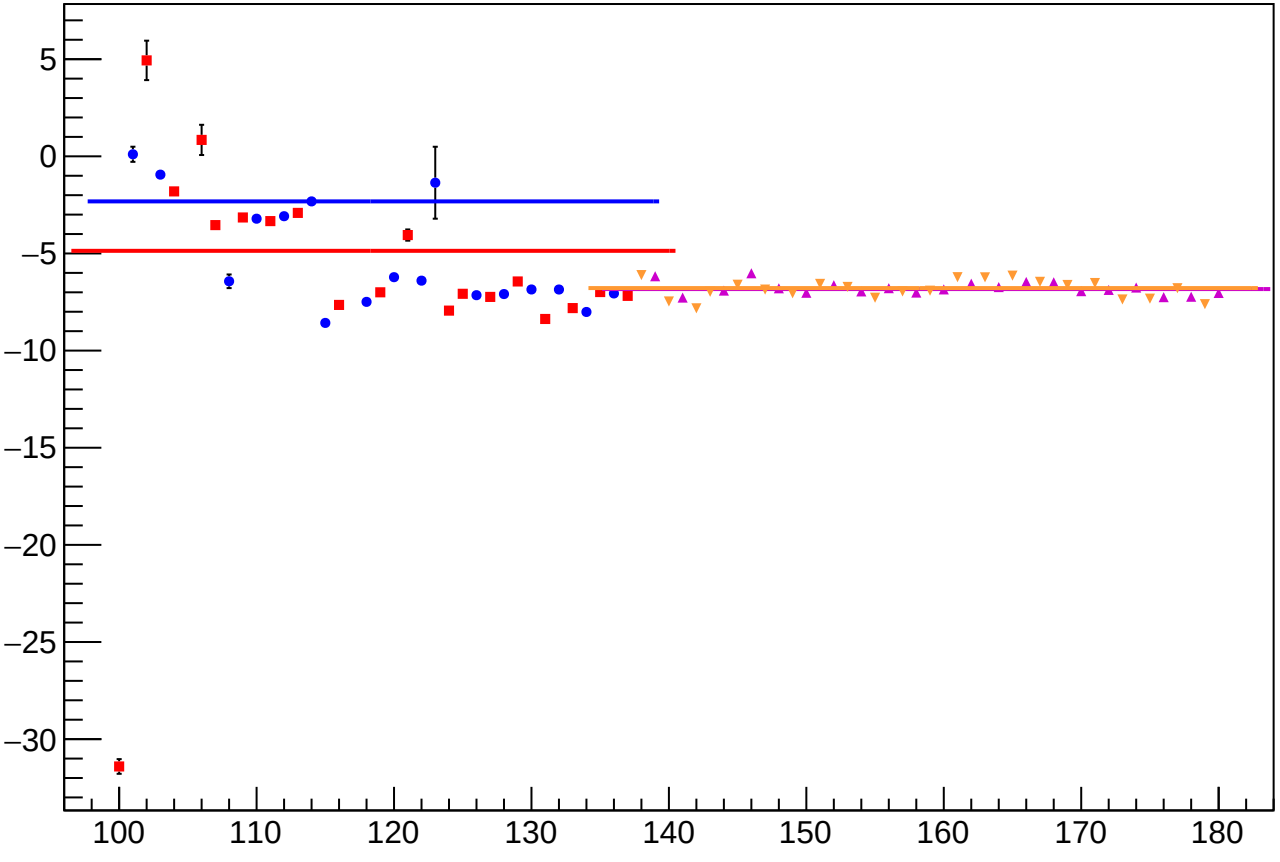
Left In: 0.396+/-0.001 χ^2/NDF:10733.6/20

+ sign 0.521+/-0.000 χ^2/NDF: 28132.5/38

All: 0.521+/-0.000 χ^2/NDF: 48858.5/78

- sign 0.397+/-0.001 χ^2/NDF: 13461.5/39

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.782+/-0.003 χ^2/NDF:12702.2/21

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

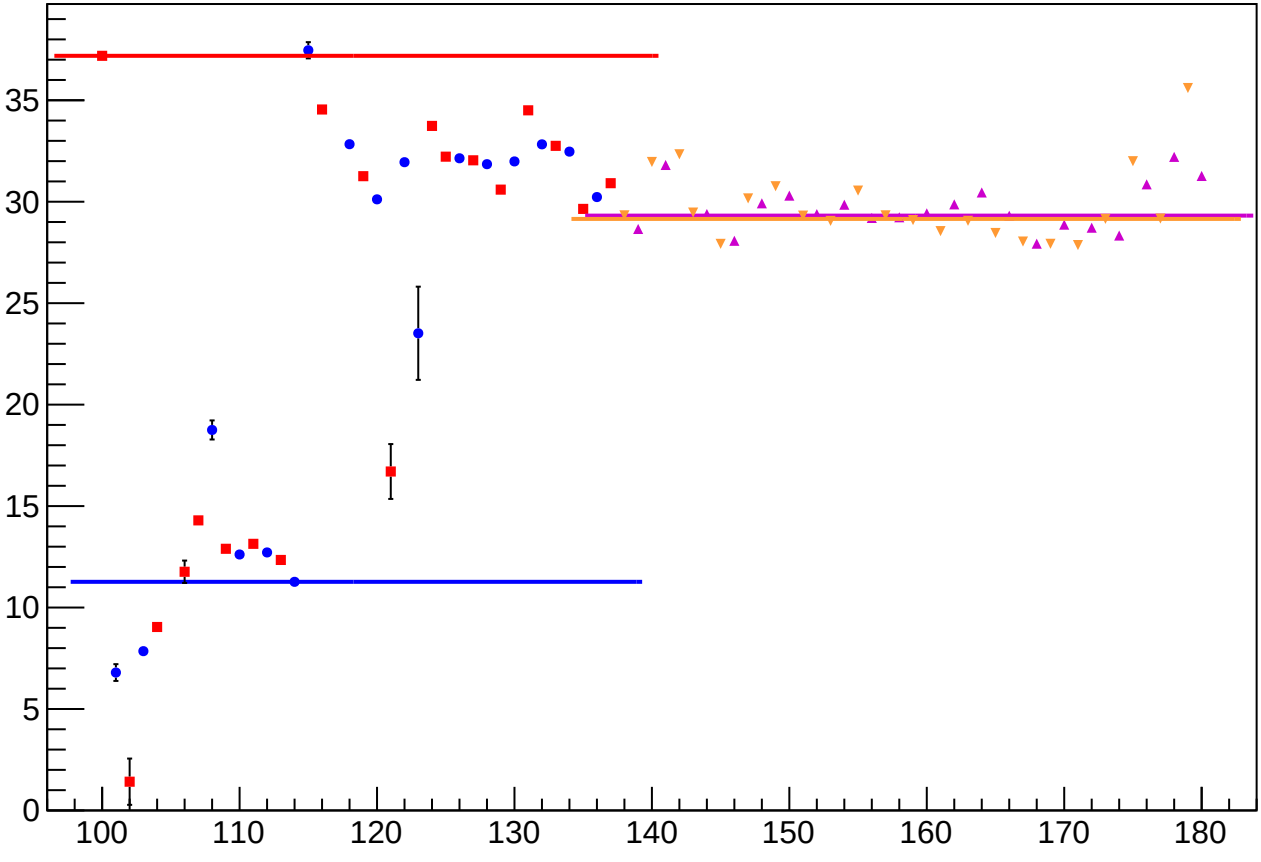
Left In: -6.833+/-0.002 χ^2/NDF:8667.5/20

+ sign -2.320+/-0.000 χ^2/NDF: 3385621.5/38

All: -2.320+/-0.000 χ^2/NDF: 6995519.5/78

- sign -6.730+/-0.002 χ^2/NDF: 92638.5/39

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.152+/-0.009 χ^2/NDF:32991.9/21

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

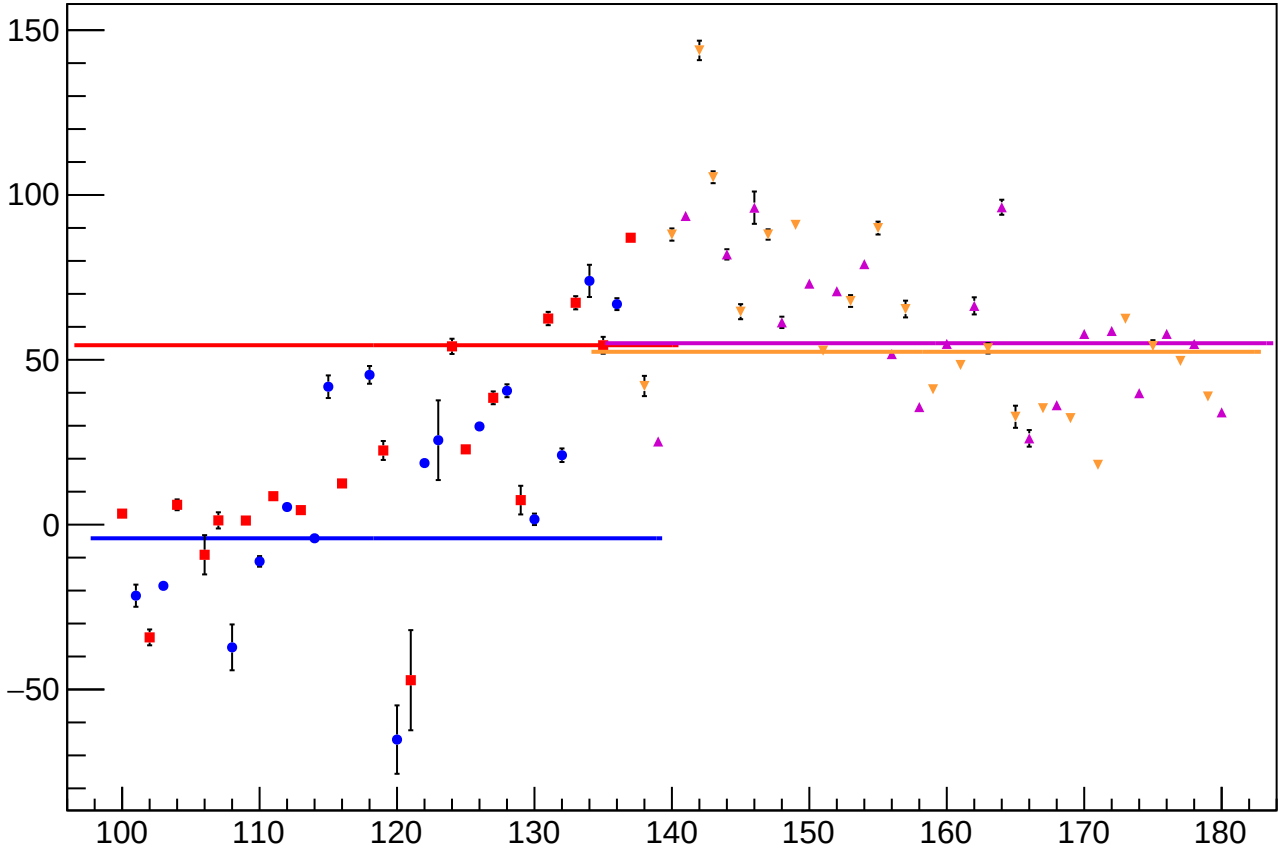
Left In: 29.315+/-0.008 χ^2/NDF:11820.2/20

+ sign 11.268+/-0.000 χ^2/NDF: 5325371.5/38

All: 12.122+/-0.000 χ^2/NDF: 772305569497

- sign 37.191+/-0.000 χ^2/NDF: 2123947.3/39

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 52.434+/-0.285 χ^2/NDF:6110.9/21

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

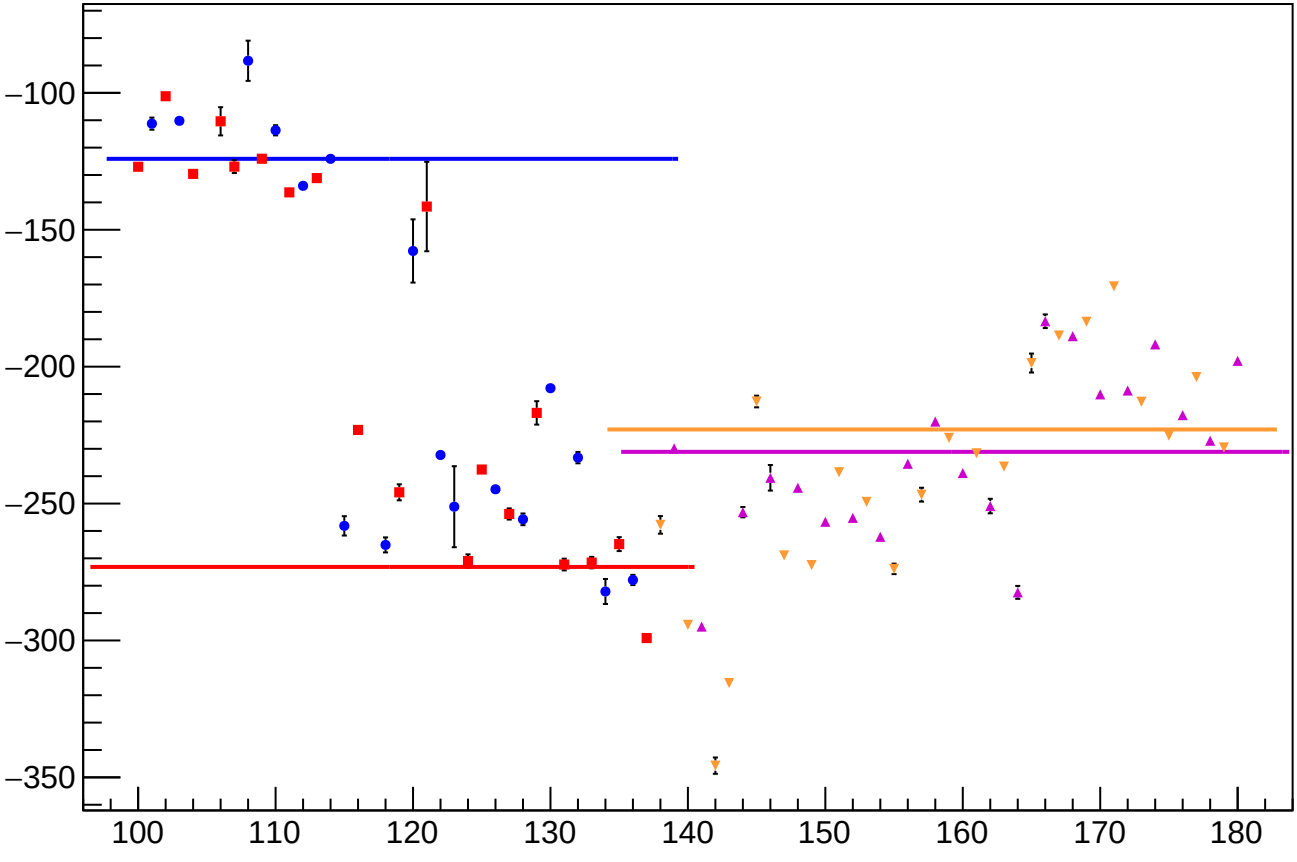
Left In: 55.035+/-0.250 χ^2/NDF:5933.5/20

+ sign -4.139+/-0.000 χ^2/NDF: 50207.4/38

All: -4.139+/-0.000 χ^2/NDF: 284638.1/78

- sign 54.620+/-0.141 χ^2/NDF: 59936.3/39

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -222.934+/-0.282 χ^2/NDF:15466.9/21

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

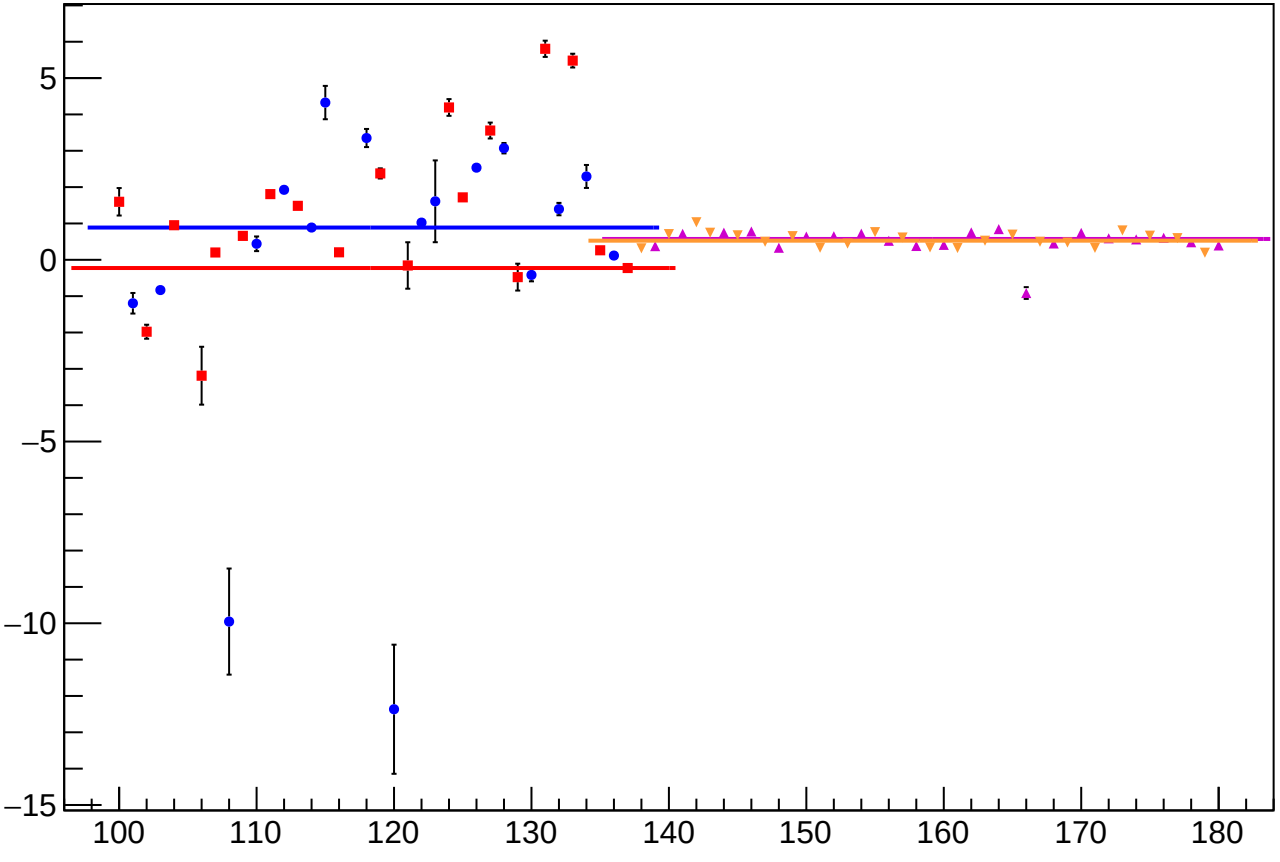
Left In: -231.113+/-0.251 χ^2/NDF:11815.9/20

+ sign -124.095+/-0.000 χ^2/NDF: 176747.4/38

All: -124.095+/-0.000 χ^2/NDF: 2398274.6/78

- sign -266.112+/-0.103 χ^2/NDF: 315216.1/39

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.527+/-0.002 χ^2/NDF:8862.6/21

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

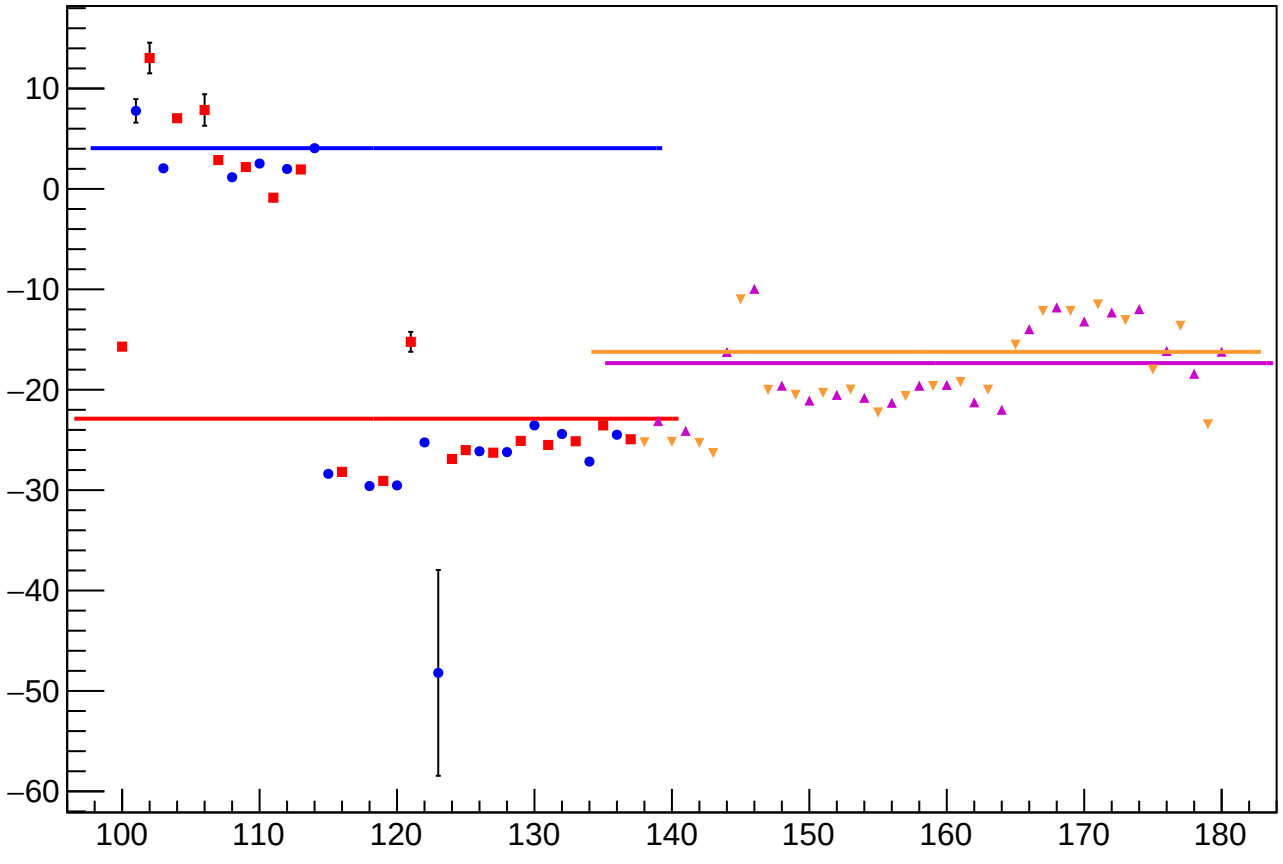
Left In: 0.574+/-0.002 χ^2/NDF:5089.3/20

+ sign 0.888+/-0.000 χ^2/NDF: 48130.4/38

All: 0.888+/-0.000 χ^2/NDF: 422289734.4/78

- sign -0.225+/-0.000 χ^2/NDF: 169982.4/39

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.228+/-0.010 χ^2/NDF:184793.8/21

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

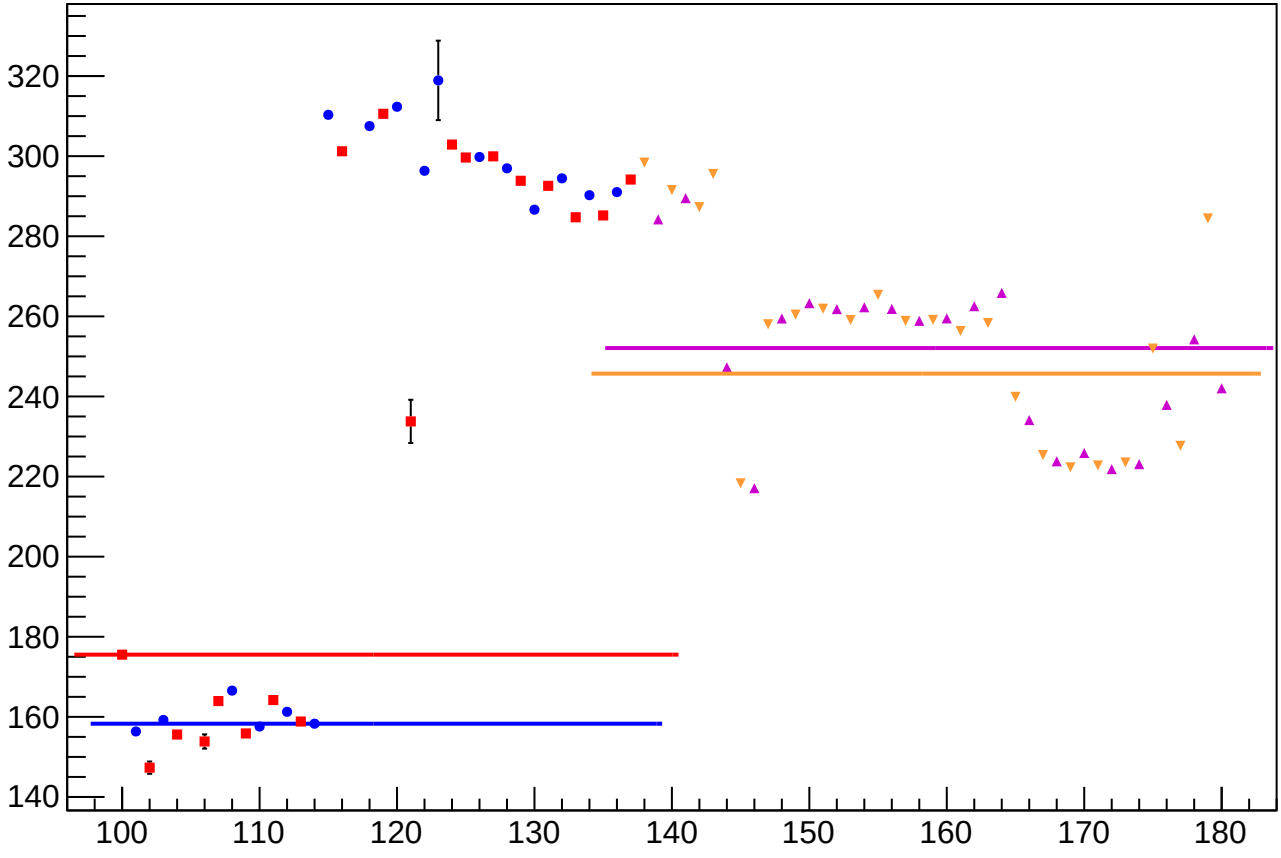
Left In: -17.349+/-0.009 χ^2/NDF:168062.7/20

+ sign 4.057+/-0.000 χ^2/NDF: 5288418.4/38

All: 4.057+/-0.000 χ^2/NDF: 11813261.2/78

- sign -17.975+/-0.009 χ^2/NDF: 323809.1/39

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 245.700+/-0.028 χ^2/NDF:712002.8/21

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

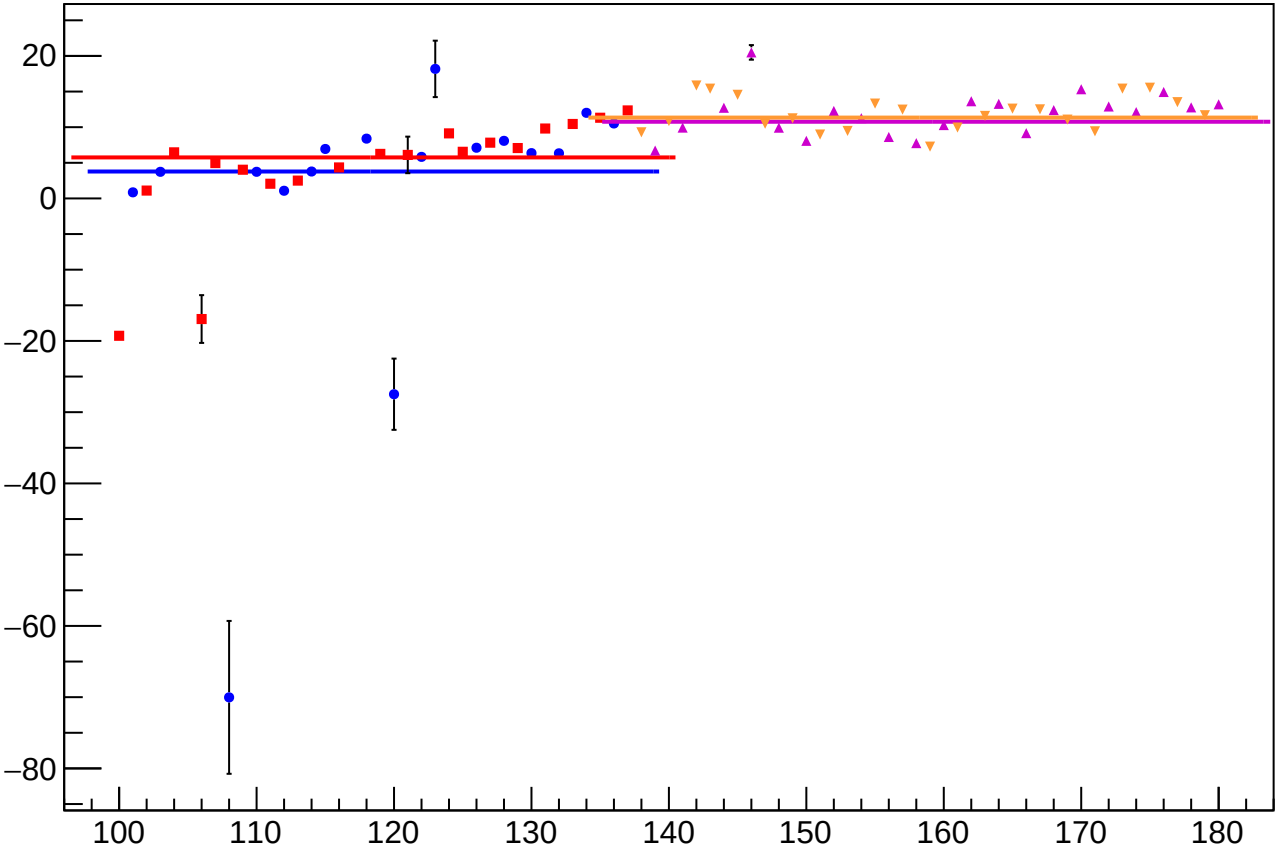
Left In: 252.089+/-0.028 χ^2/NDF:357653.7/20

+ sign 158.293+/-0.000 χ^2/NDF: 13097699.6/38

All: 172.618+/-0.000 χ^2/NDF: 37372749122

- sign 175.536+/-0.000 χ^2/NDF: 9730745.6/39

dit_sam5_4aX_slope vs Slug



Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 11.347+/-0.031 χ^2/NDF:4234.3/21

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

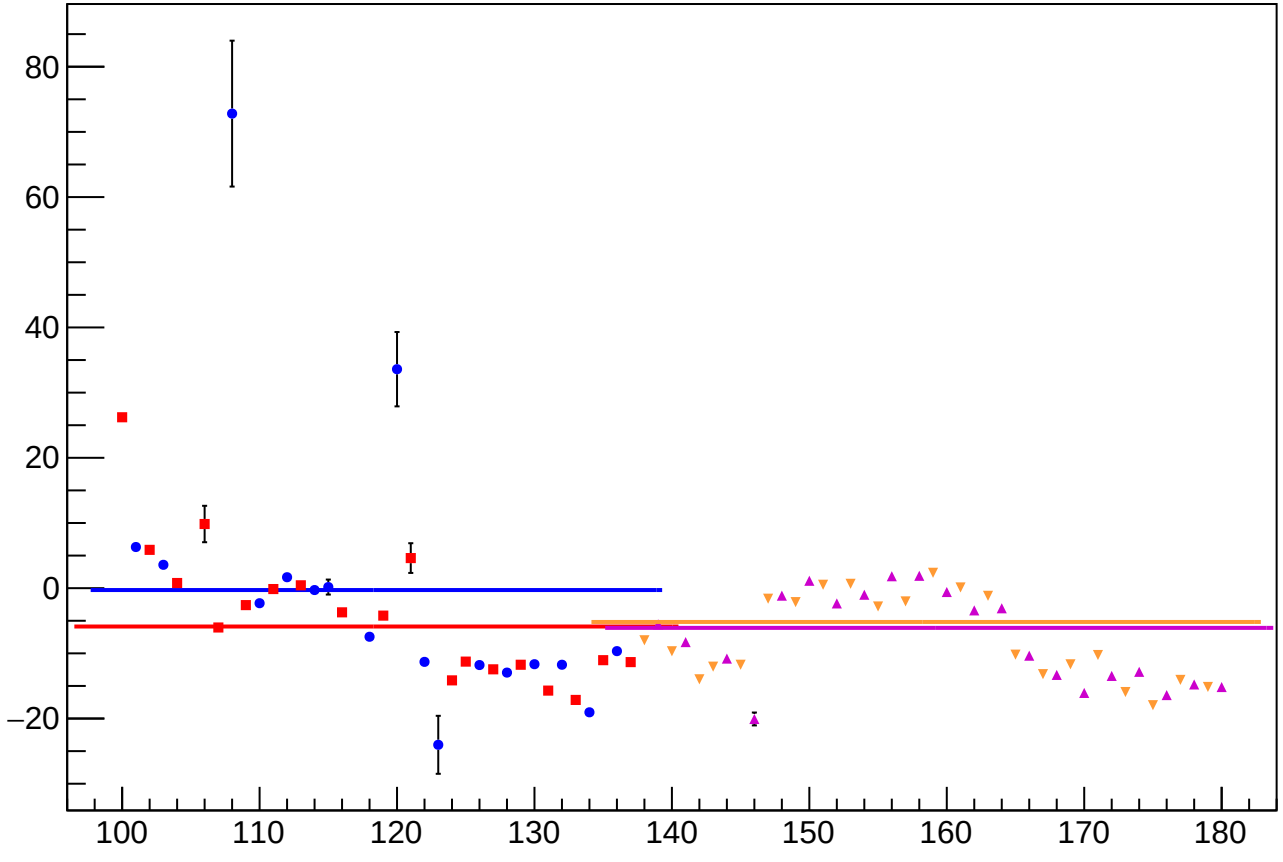
Left In: 10.762+/-0.028 χ^2/NDF:9589.8/20

+ sign 3.778+/-0.000 χ^2/NDF: 72020.7/38

All: 3.778+/-0.000 χ^2/NDF: 171906.4/78

- sign 8.049+/-0.019 χ^2/NDF: 49182.8/39

dit_sam5_4eX_slope vs Slug



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -5.183+/-0.031 χ^2/NDF:39803.4/21

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

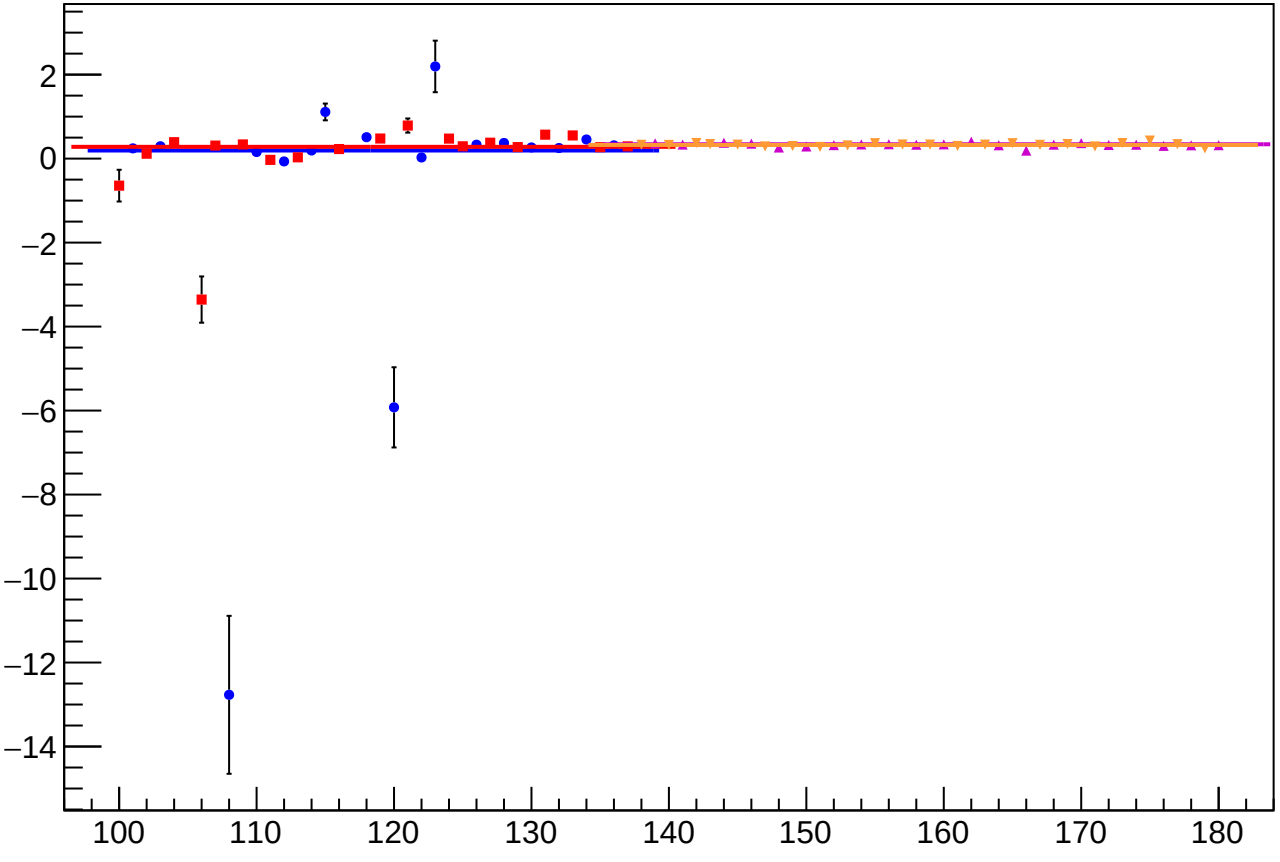
Left In: -6.090+/-0.029 χ^2/NDF:55752.8/20

+ sign -0.287+/-0.000 χ^2/NDF: 109554.7/38

All: -0.287+/-0.000 χ^2/NDF: 312531.0/78

- sign -5.981+/-0.020 χ^2/NDF: 119274.7/39

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.325+/-0.001 χ^2/NDF:2605.4/21

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

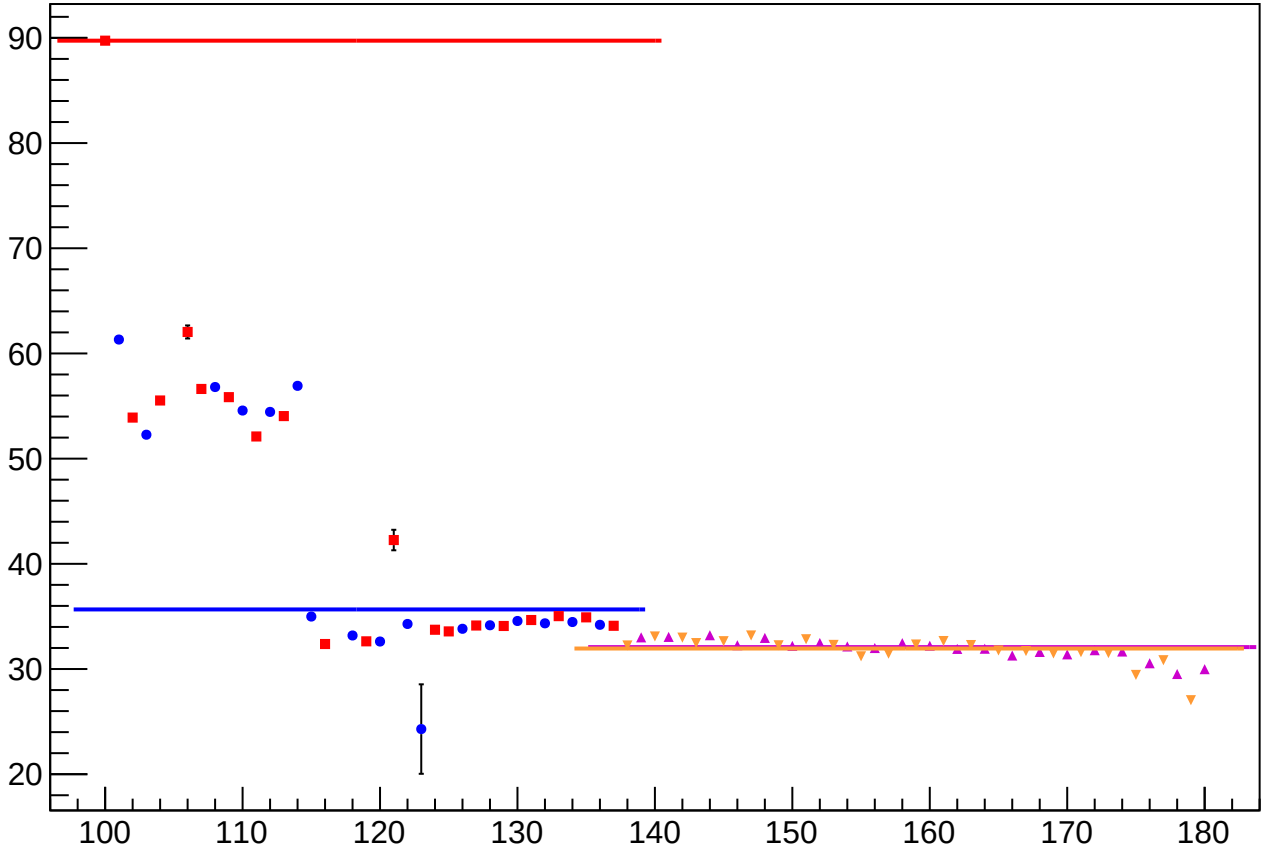
Left In: 0.342+/-0.001 χ^2/NDF:3596.1/20

+ sign 0.193+/-0.000 χ^2/NDF: 68691.8/38

All: 0.193+/-0.000 χ^2/NDF: 158740.2/78

- sign 0.334+/-0.001 χ^2/NDF: 11166.9/39

dit_sam5_4aY_slope vs Slug



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 31.948+/-0.003 χ^2/NDF:44463.9/21

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

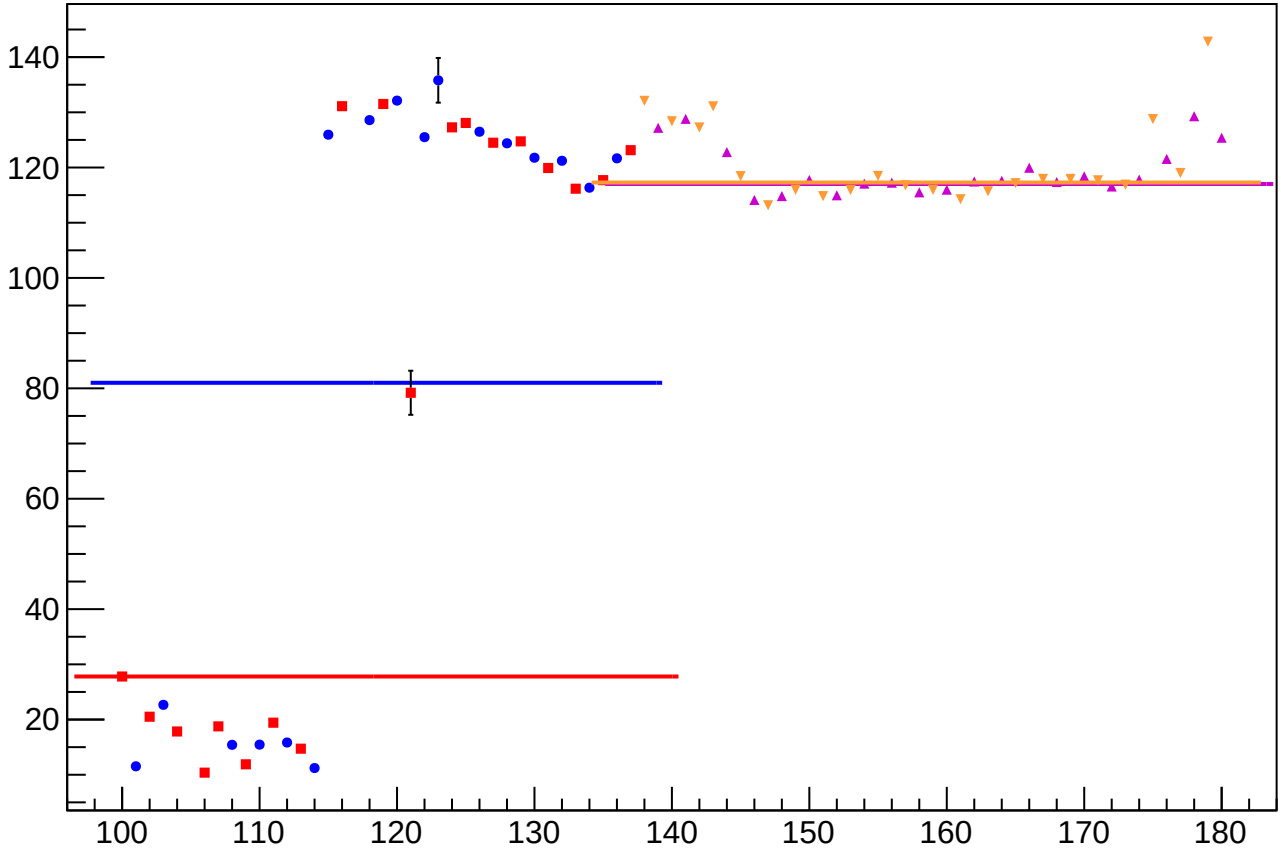
Left In: 32.084+/-0.003 χ^2/NDF:21633.9/20

+ sign 32.223+/-0.003 χ^2/NDF: 362097.5/38

All: 89.735+/-0.000 χ^2/NDF: 655852738.6/78

- sign 89.735+/-0.000 χ^2/NDF: 308728560.3/39

dit_sam5_4eY_slope vs Slug



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.286+/-0.008 χ^2/NDF:164787.3/21

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

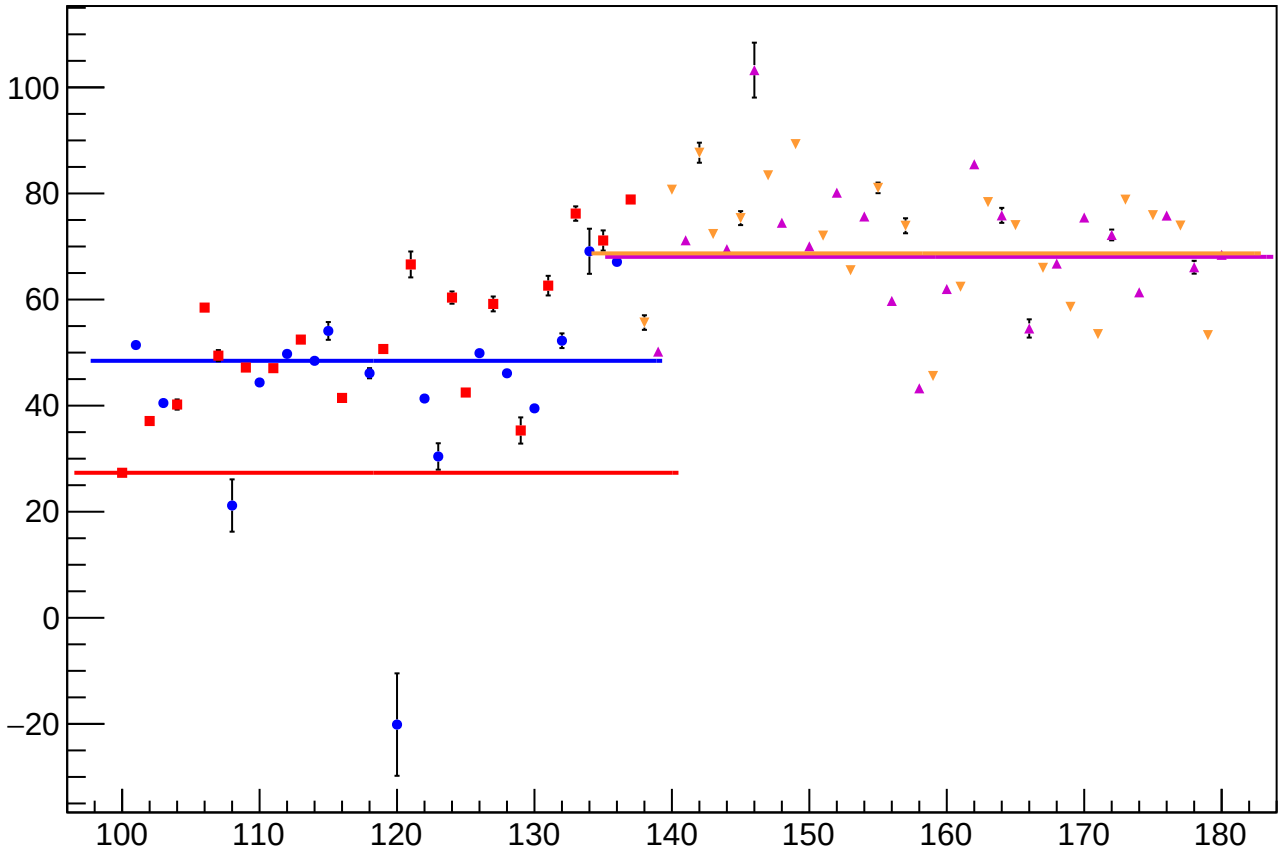
Left In: 117.017+/-0.009 χ^2/NDF:51316.7/20

+ sign 115.484+/-0.008 χ^2/NDF: 3442691.5/38

All: 27.798+/-0.000 χ^2/NDF: 244770658.6/78

- sign 27.798+/-0.000 χ^2/NDF: 111550722.5/39

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 68.702+/-0.147 χ^2/NDF:6491.4/21

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

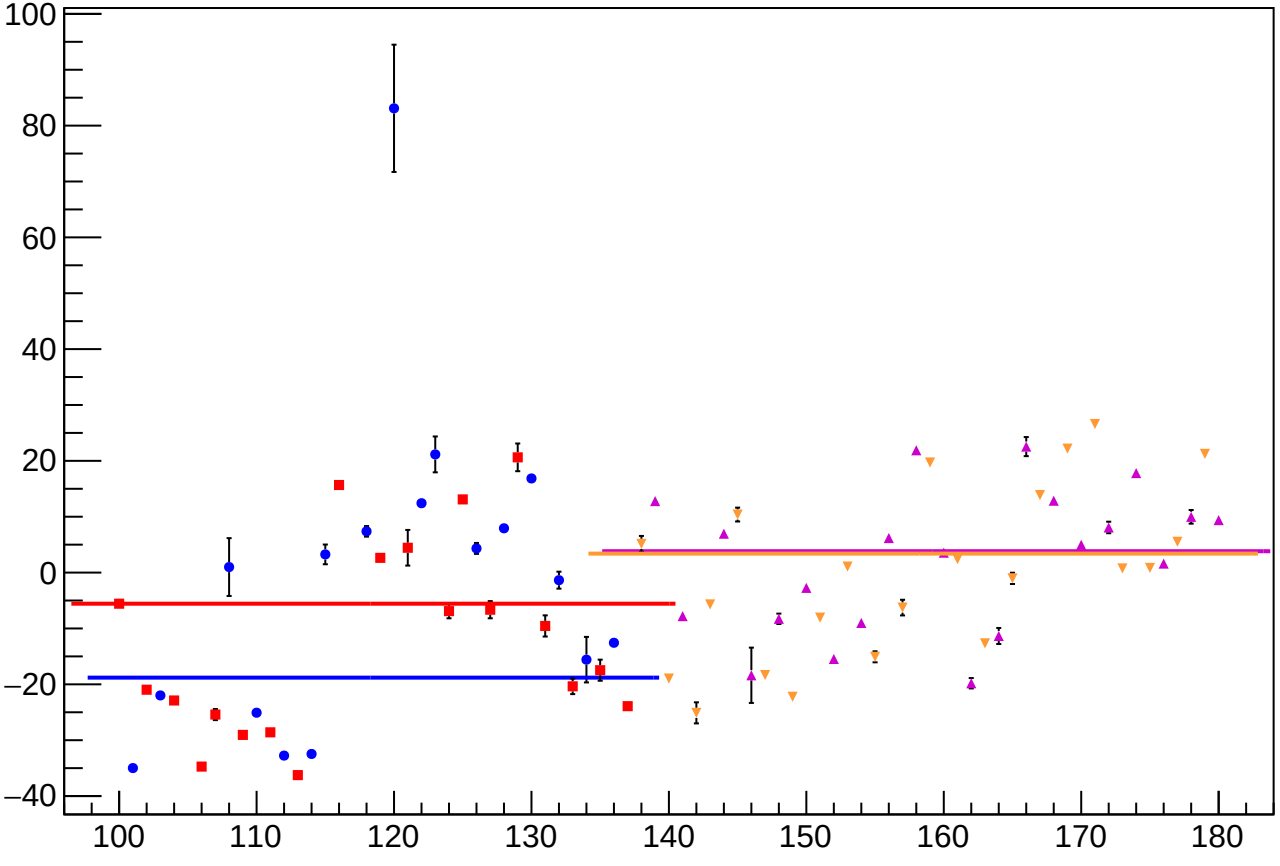
Left In: 68.050+/-0.129 χ^2/NDF:5286.5/20

+ sign 48.450+/-0.000 χ^2/NDF: 28235.5/38

All: 28.365+/-0.000 χ^2/NDF: 102629010488

- sign 27.342+/-0.000 χ^2/NDF: 129932.7/39

dit_sam6_4eX_slope vs Slug



Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: 3.397+/-0.147 χ^2/NDF:9783.3/21

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

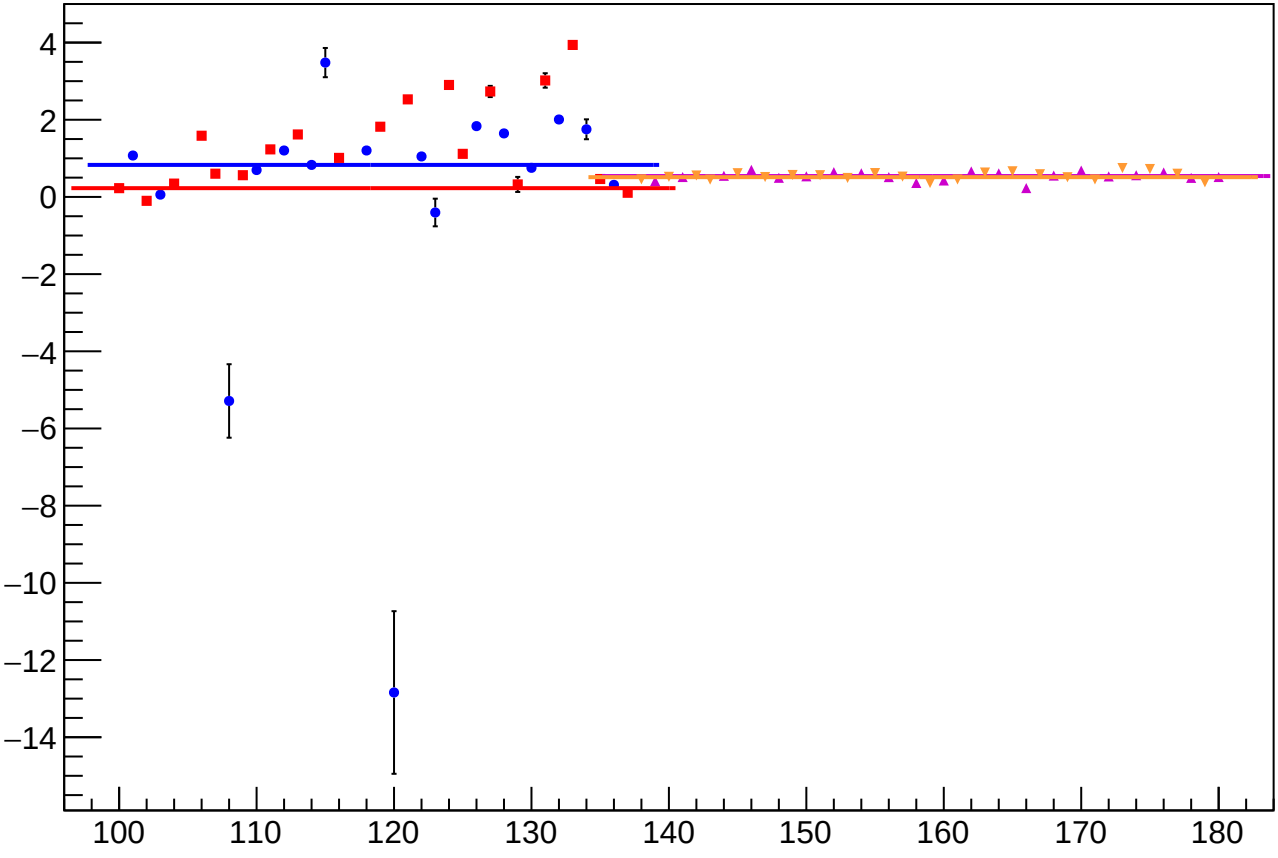
Left In: 3.826+/-0.130 χ^2/NDF:5892.7/20

+ sign -7.578+/-0.104 χ^2/NDF: 32852.9/38

All: -5.568+/-0.000 χ^2/NDF: 67427.2/78

- sign -5.568+/-0.000 χ^2/NDF: 34203.2/39

dit_sam6_11X12X_slope vs Slug



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.512+/-0.001 χ^2/NDF:14966.7/21

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

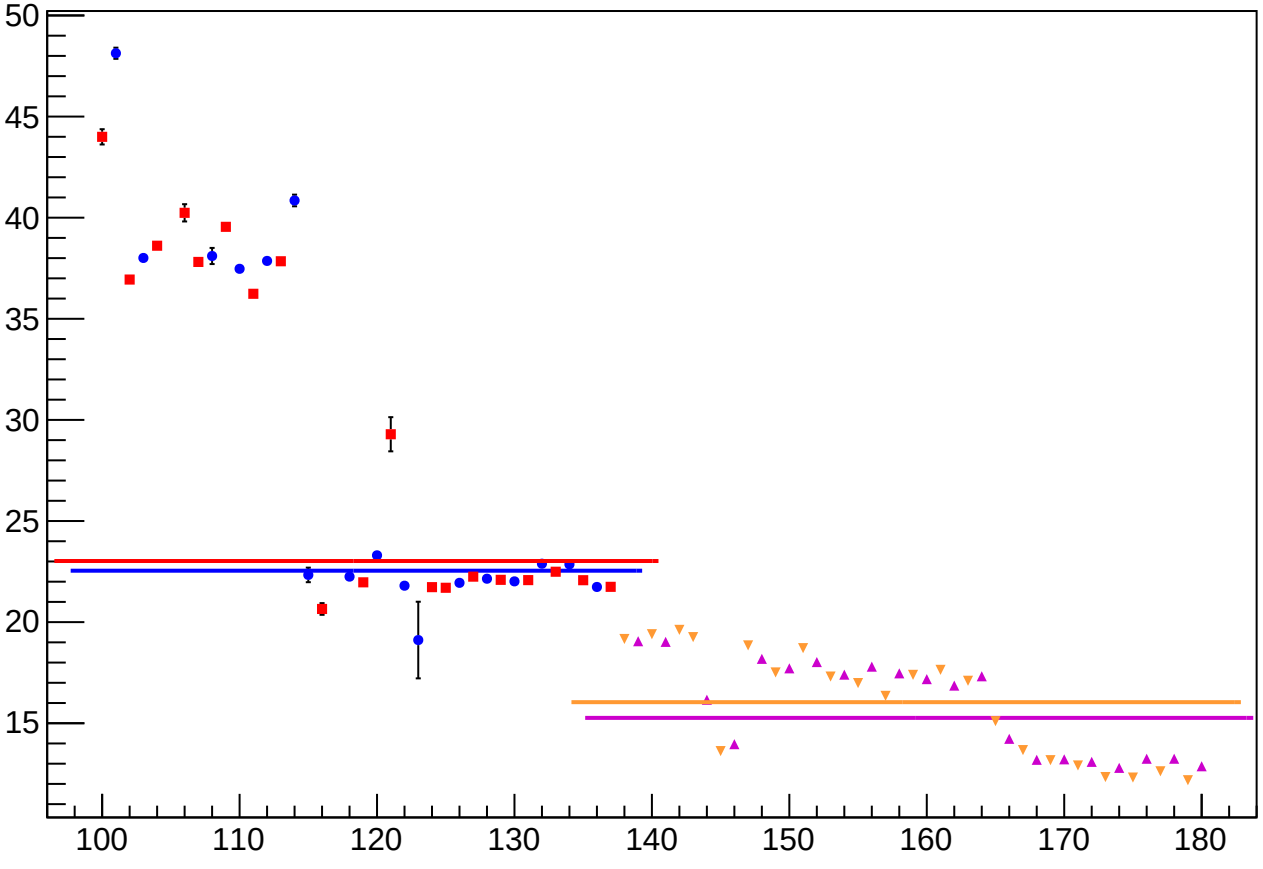
Left In: 0.541+/-0.001 χ^2/NDF:11156.1/20

+ sign 0.830+/-0.000 χ^2/NDF: 130408.4/38

All: 0.289+/-0.000 χ^2/NDF: 2906608256145

- sign 0.227+/-0.000 χ^2/NDF: 141026.3/39

dit_sam6_4aY_slope vs Slug



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 16.042+/-0.005 χ^2/NDF:272675.0/21

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

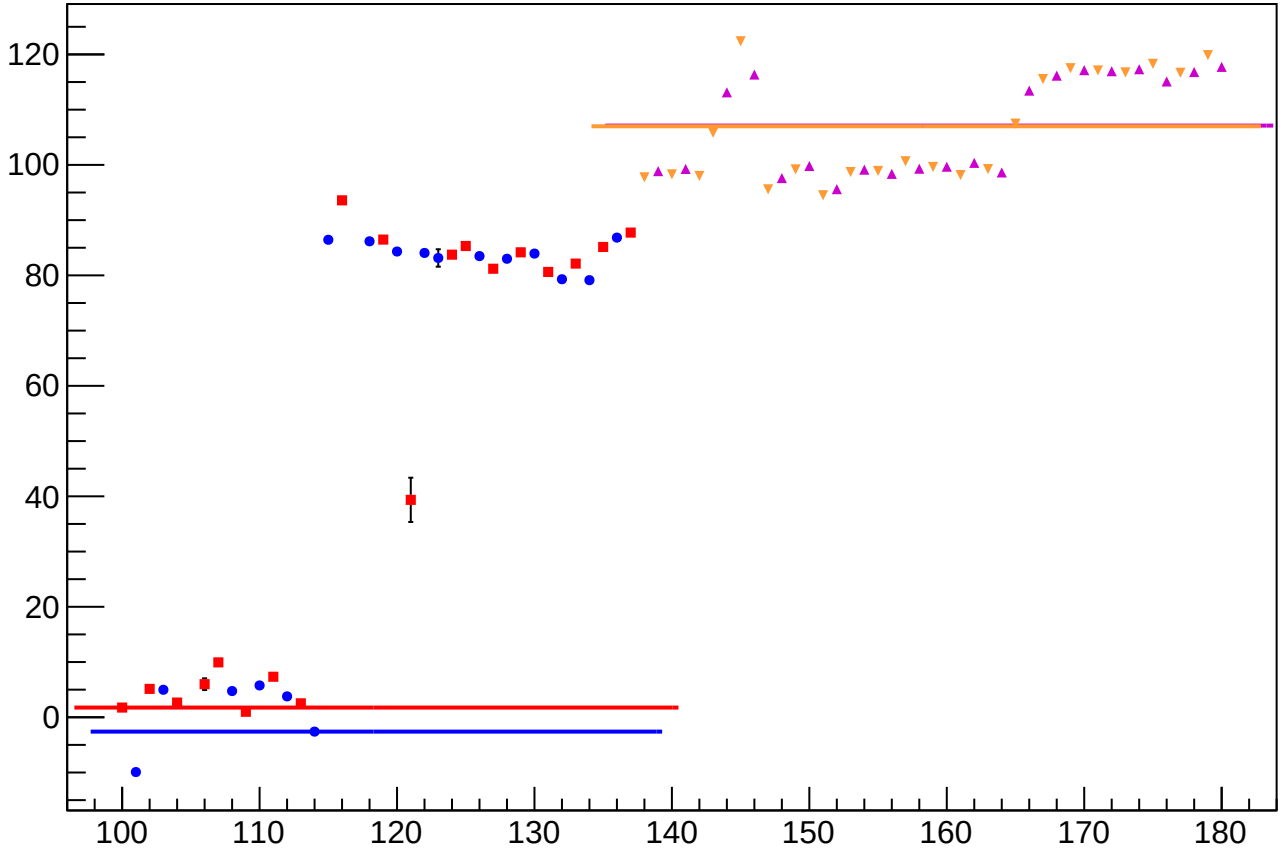
Left In: 15.265+/-0.005 χ^2/NDF:255703.0/20

+ sign 17.417+/-0.004 χ^2/NDF: 762565.6/38

All: 17.189+/-0.003 χ^2/NDF: 1763949.9/78

- sign 16.966+/-0.004 χ^2/NDF: 995766.4/39

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 106.990+/-0.010 χ^2/NDF:931069.5/21

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

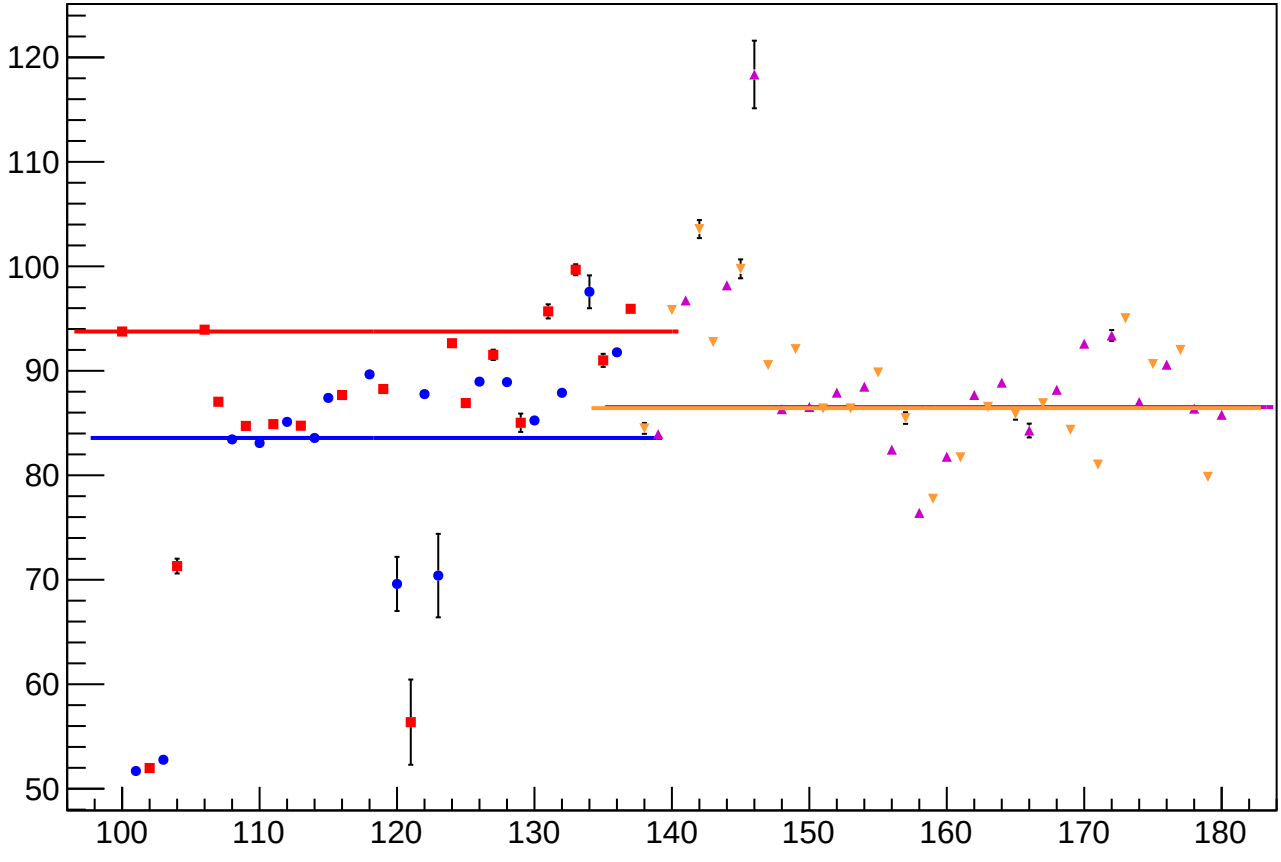
Left In: 107.115+/-0.009 χ^2/NDF:932726.2/20

+ sign -2.596+/-0.000 χ^2/NDF: 133229245.0/38

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

- sign 1.758+/-0.000 χ^2/NDF: 128254011.9/39

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 86.429+/-0.063 χ^2/NDF:8422.6/21

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

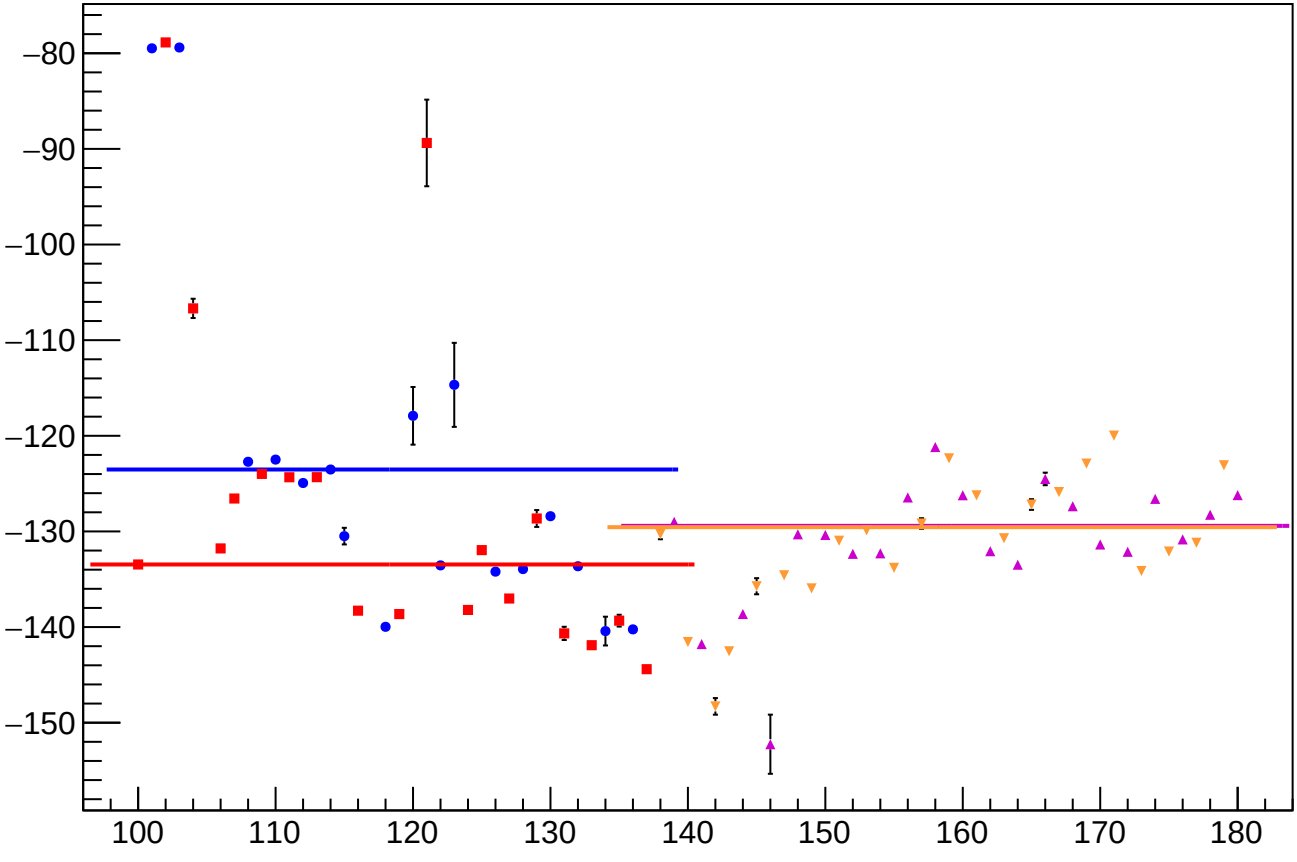
Left In: 86.531+/-0.053 χ^2/NDF:7636.9/20

+ sign 83.573+/-0.000 χ^2/NDF: 59970.1/38

All: 87.169+/-0.000 χ^2/NDF: 199568440414

- sign 93.762+/-0.000 χ^2/NDF: 108764.8/39

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -129.556+/-0.062 χ^2/NDF:10705.4/21

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

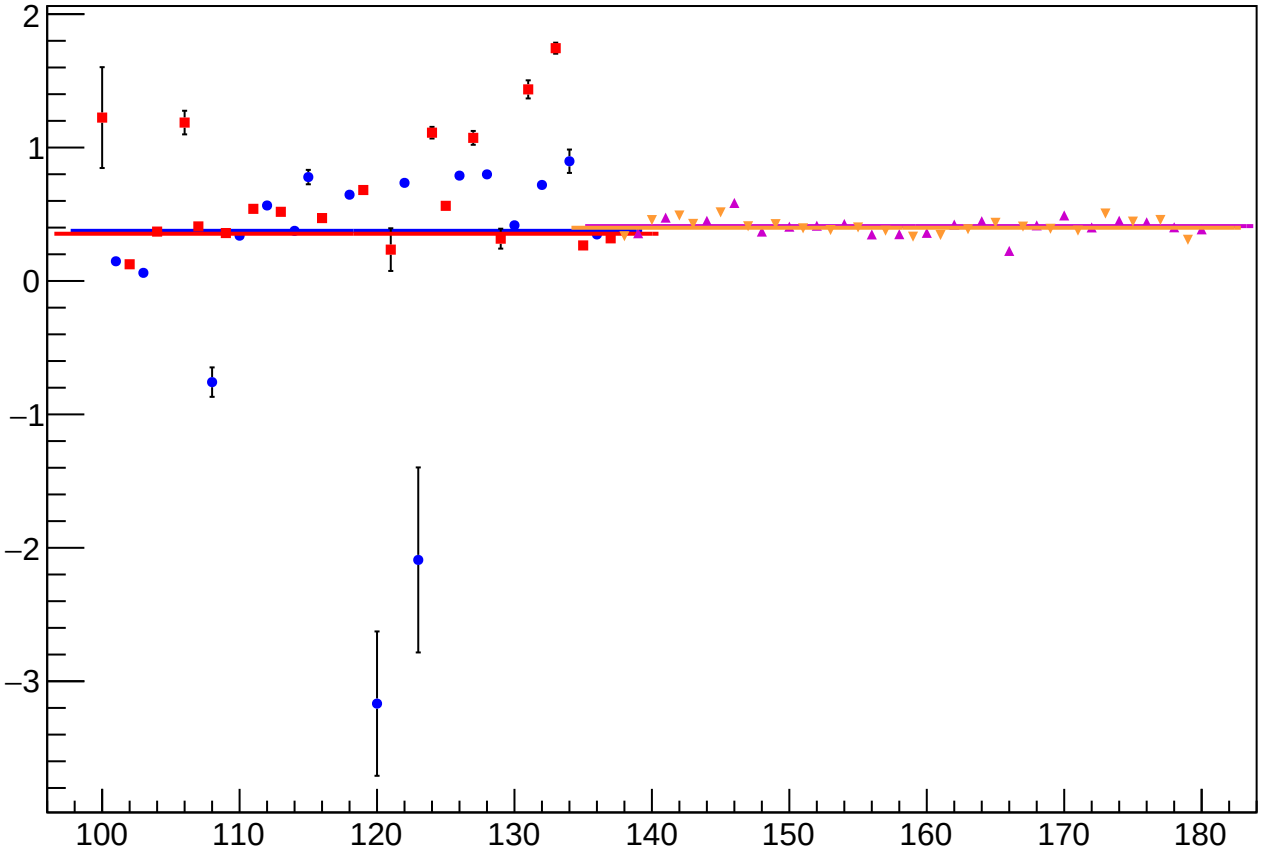
Left In: -129.417+/-0.053 χ^2/NDF:5861.6/20

+ sign -123.524+/-0.000 χ^2/NDF: 180532.8/38

All: -124.716+/-0.000 χ^2/NDF: 6446786990

- sign -133.456+/-0.000 χ^2/NDF: 406526.0/39

dit_sam7_11X12X_slope vs Slug



Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.399+/-0.001 χ^2/NDF:8500.4/21

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

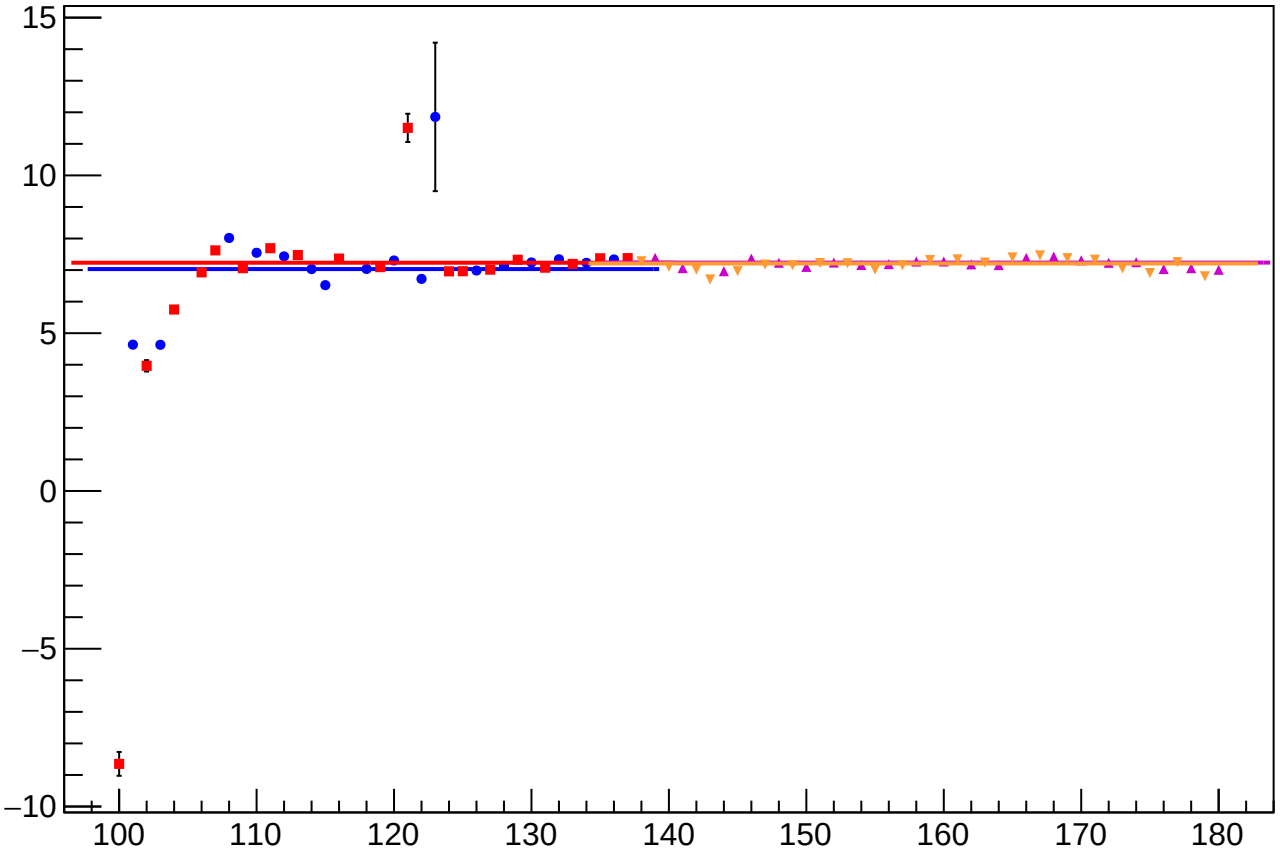
Left In: 0.411+/-0.000 χ^2/NDF:8213.5/20

+ sign 0.376+/-0.000 χ^2/NDF: 14519.3/38

All: 0.376+/-0.000 χ^2/NDF: 33581.0/78

- sign 0.406+/-0.000 χ^2/NDF: 14122.2/39

dit_sam7_4aY_slope vs Slug



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.209+/-0.001 χ^2/NDF:33011.7/21

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

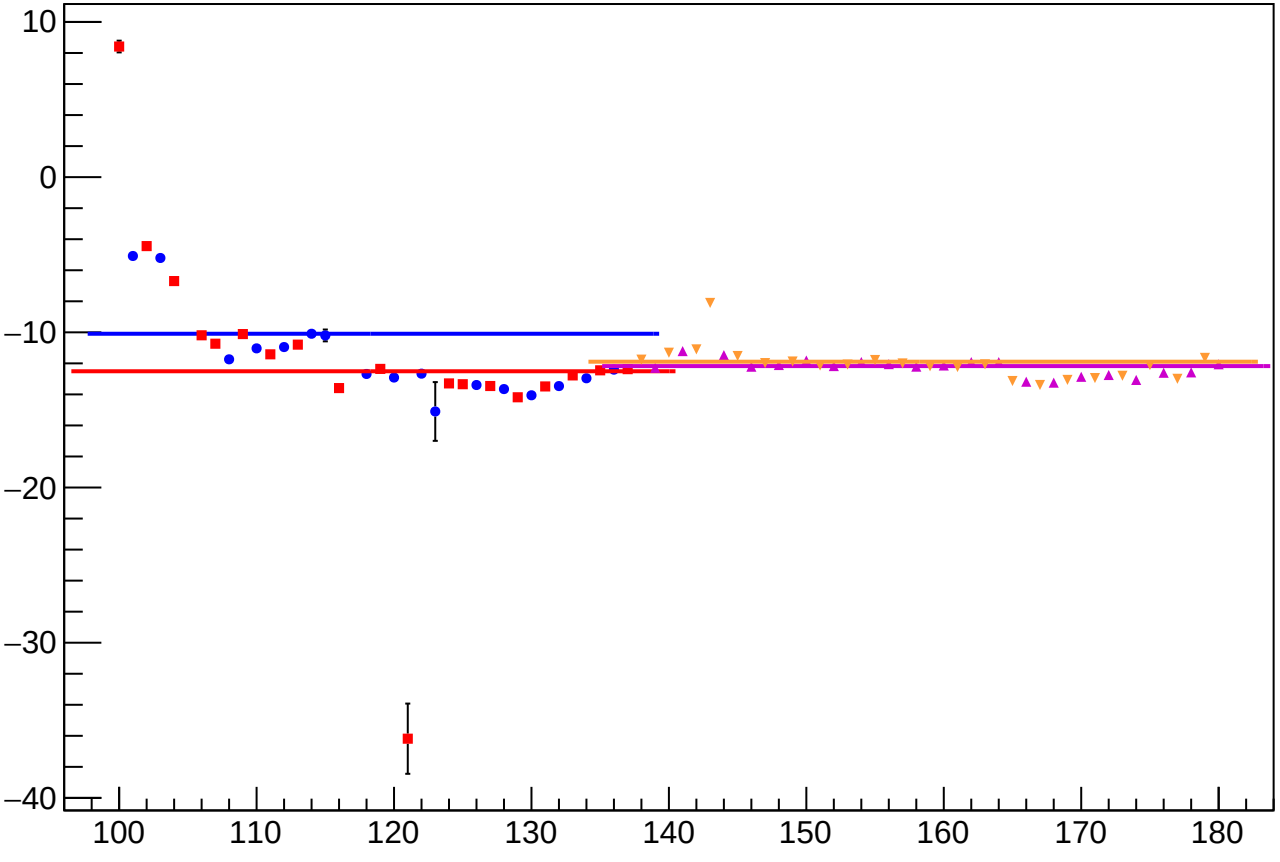
Left In: 7.237+/-0.001 χ^2/NDF:19992.8/20

+ sign 7.032+/-0.000 χ^2/NDF: 90161.2/38

All: 7.032+/-0.000 χ^2/NDF: 188090.7/78

- sign 7.237+/-0.001 χ^2/NDF: 30057.3/39

dit_sam7_4eY_slope vs Slug



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.893+/-0.002 χ^2/NDF:497183.8/21

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

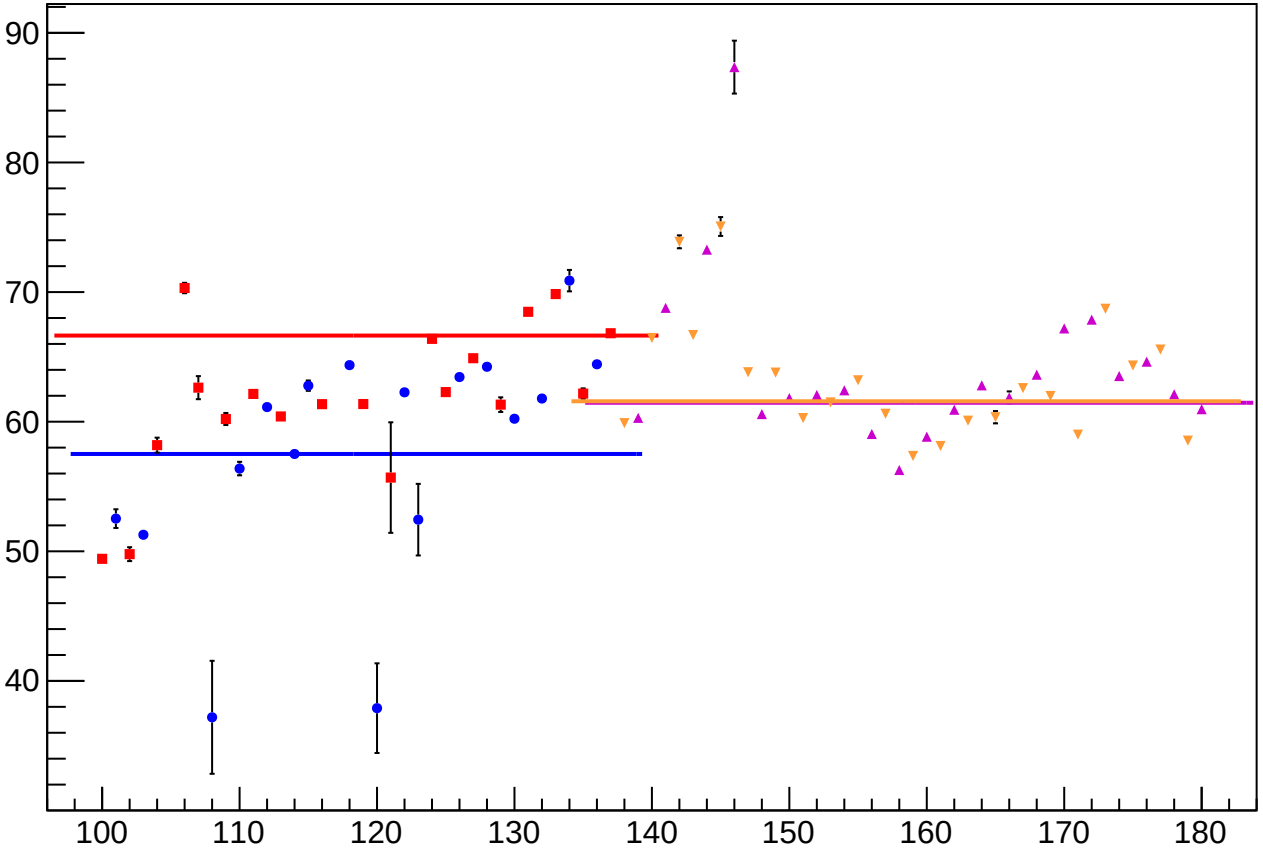
Left In: -12.175+/-0.002 χ^2/NDF:48418.2/20

+ sign -10.092+/-0.000 χ^2/NDF: 2139387.0/38

All: -10.092+/-0.000 χ^2/NDF: 4180600.7/78

- sign -12.233+/-0.002 χ^2/NDF: 158464.5/39

dit_sam8_4aX_slope vs Slug



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.576+/-0.040 χ^2/NDF:7684.6/21

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

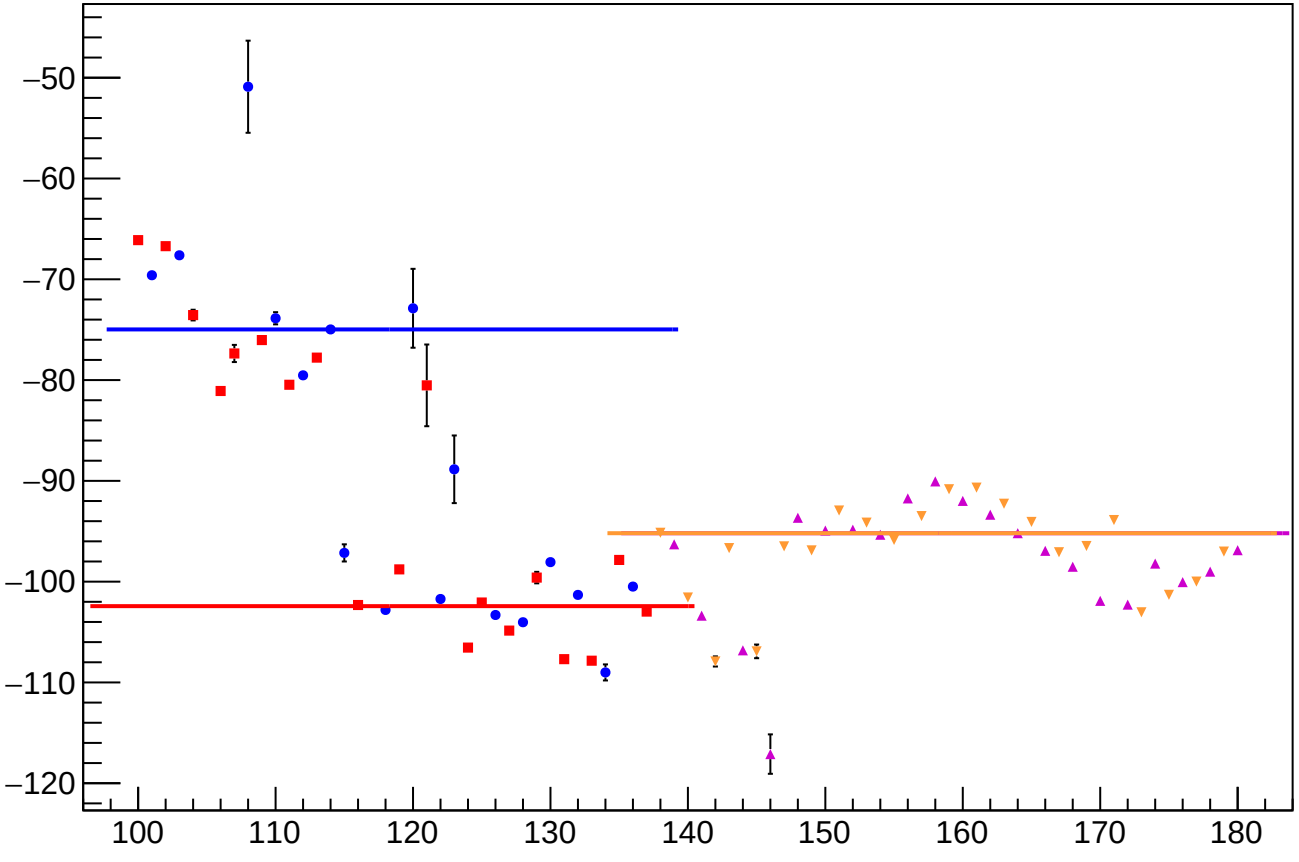
Left In: 61.461+/-0.033 χ^2/NDF:8283.7/20

+ sign 57.510+/-0.000 χ^2/NDF: 26304.5/38

All: 57.510+/-0.000 χ^2/NDF: 545009.0/78

- sign 65.952+/-0.012 χ^2/NDF: 37464.7/39

dit_sam8_4eX_slope vs Slug



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -95.193+/-0.039 χ^2/NDF:8964.1/21

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

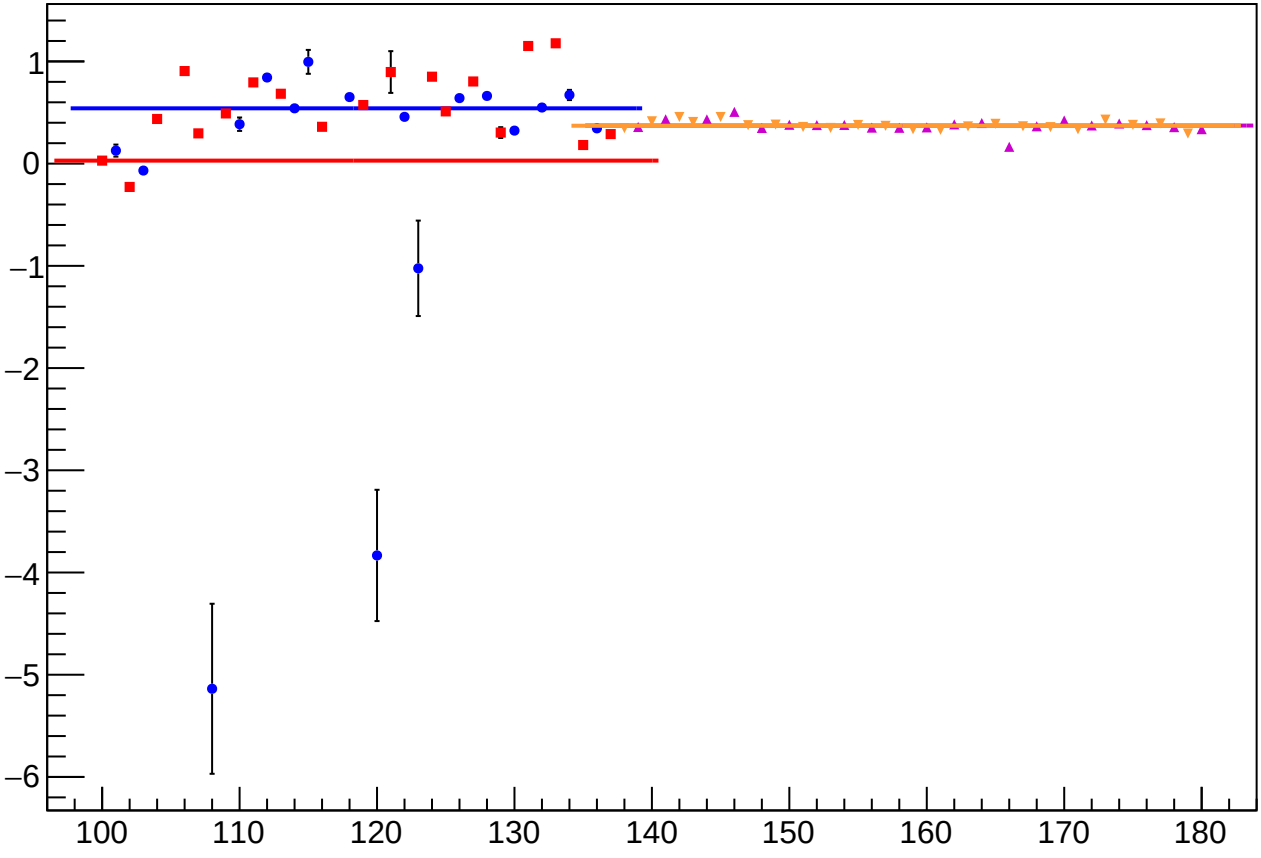
Left In: -95.196+/-0.034 χ^2/NDF:10710.9/20

+ sign -74.974+/-0.000 χ^2/NDF: 401825.4/38

All: -74.974+/-0.000 χ^2/NDF: 3196029.8/78

- sign -100.859+/-0.016 χ^2/NDF: 96904.3/39

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.371+/-0.000 χ^2/NDF:6479.5/21

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

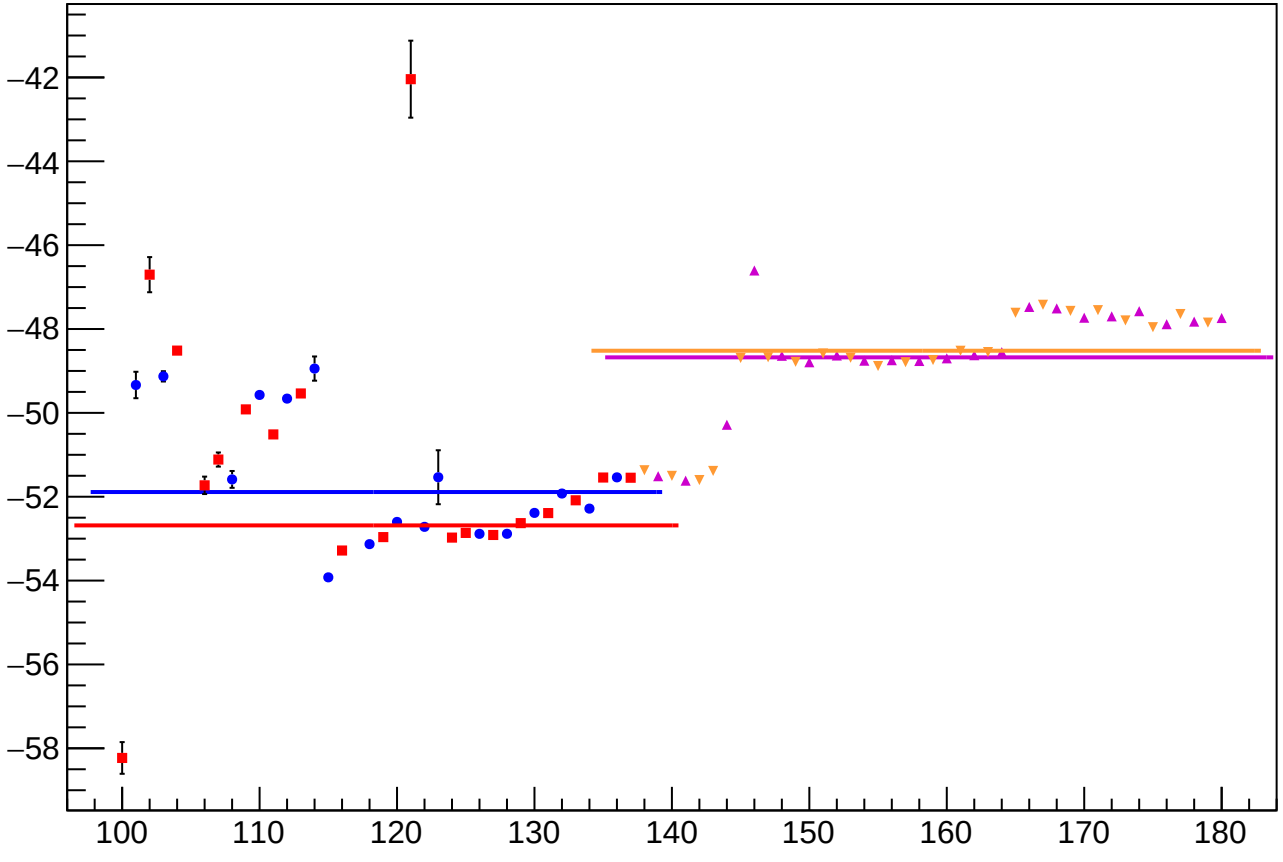
Left In: 0.372+/-0.000 χ^2/NDF:5977.5/20

+ sign 0.541+/-0.000 χ^2/NDF: 241489.0/38

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

- sign 0.030+/-0.000 χ^2/NDF: 1353475.7/39

dit_sam8_4aY_slope vs Slug



Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -48.518+/-0.001 χ^2/NDF:686692.0/21

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

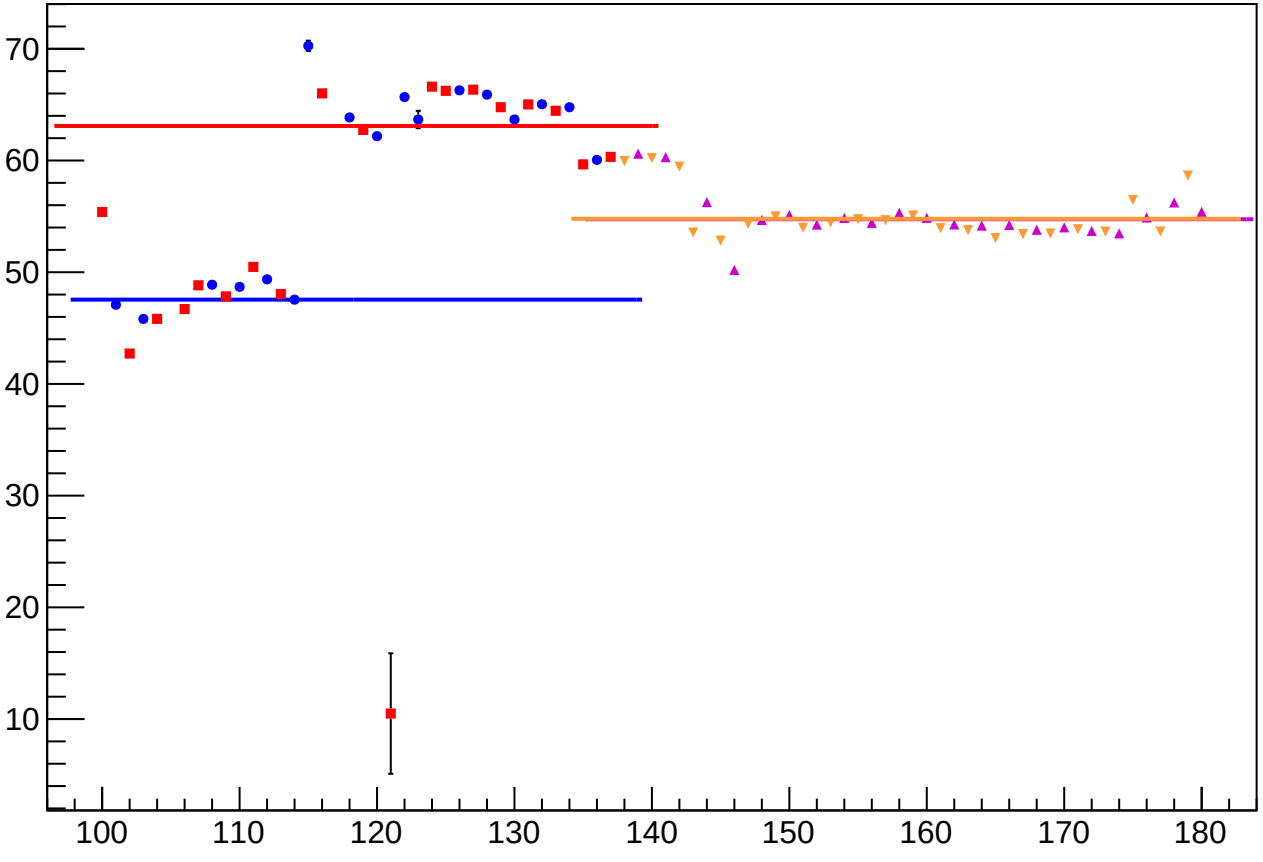
Left In: -48.676+/-0.001 χ^2/NDF:804064.3/20

+ sign -49.162+/-0.001 χ^2/NDF: 2614954.7/38

All: -49.157+/-0.001 χ^2/NDF: 5635013.3/78

- sign -49.153+/-0.001 χ^2/NDF: 3020018.1/39

dit_sam8_4eY_slope vs Slug



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 54.782+/-0.003 χ^2/NDF:295457.1/21

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

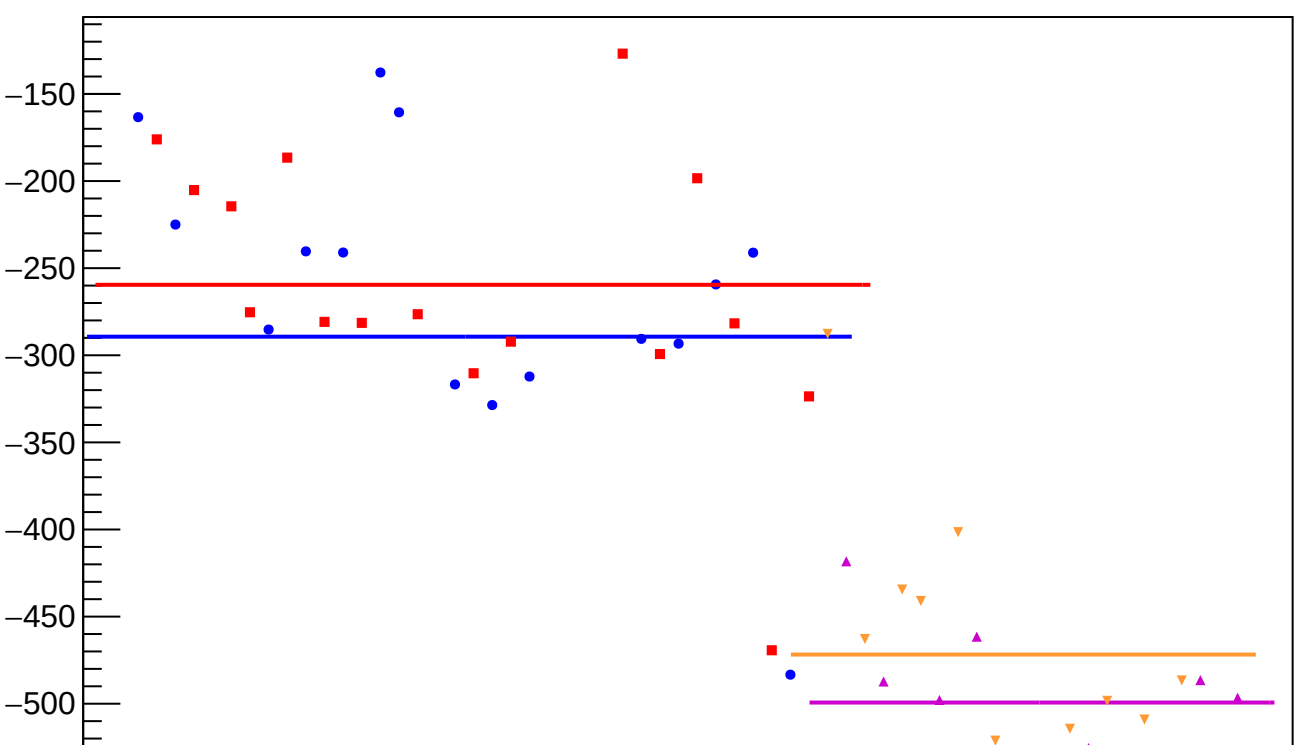
Left In: 54.743+/-0.003 χ^2/NDF:94510.1/20

+ sign 47.545+/-0.000 χ^2/NDF: 9735587.5/38

All: 47.545+/-0.000 χ^2/NDF: 22096305.7/78

- sign 55.652+/-0.002 χ^2/NDF: 1541304.4/39

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

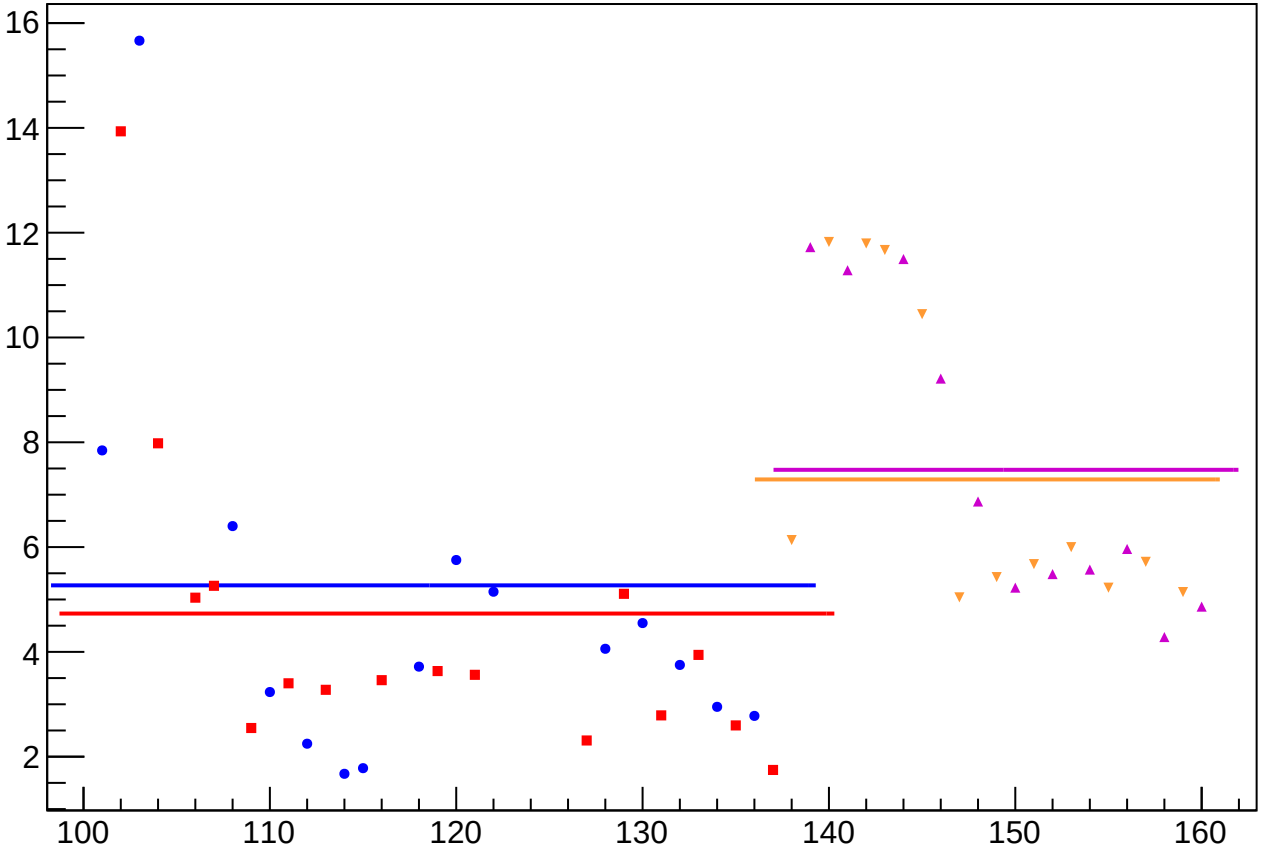
All: -397.428+/-0.000 χ^2/NDF: 50007078016

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

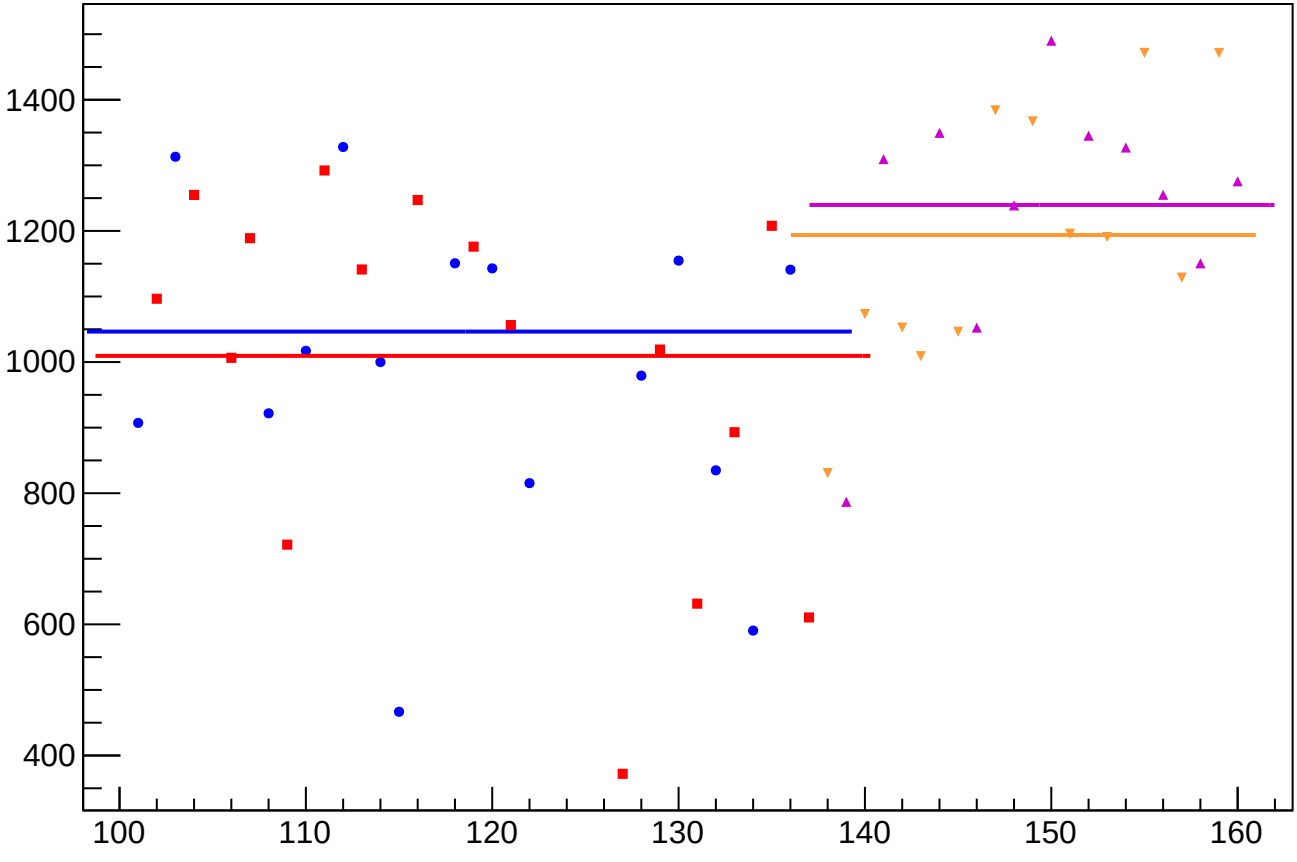
Left In: 7.475+/-0.000 χ^2/NDF:705781213939957953887024455037747 2.0/10

+ 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

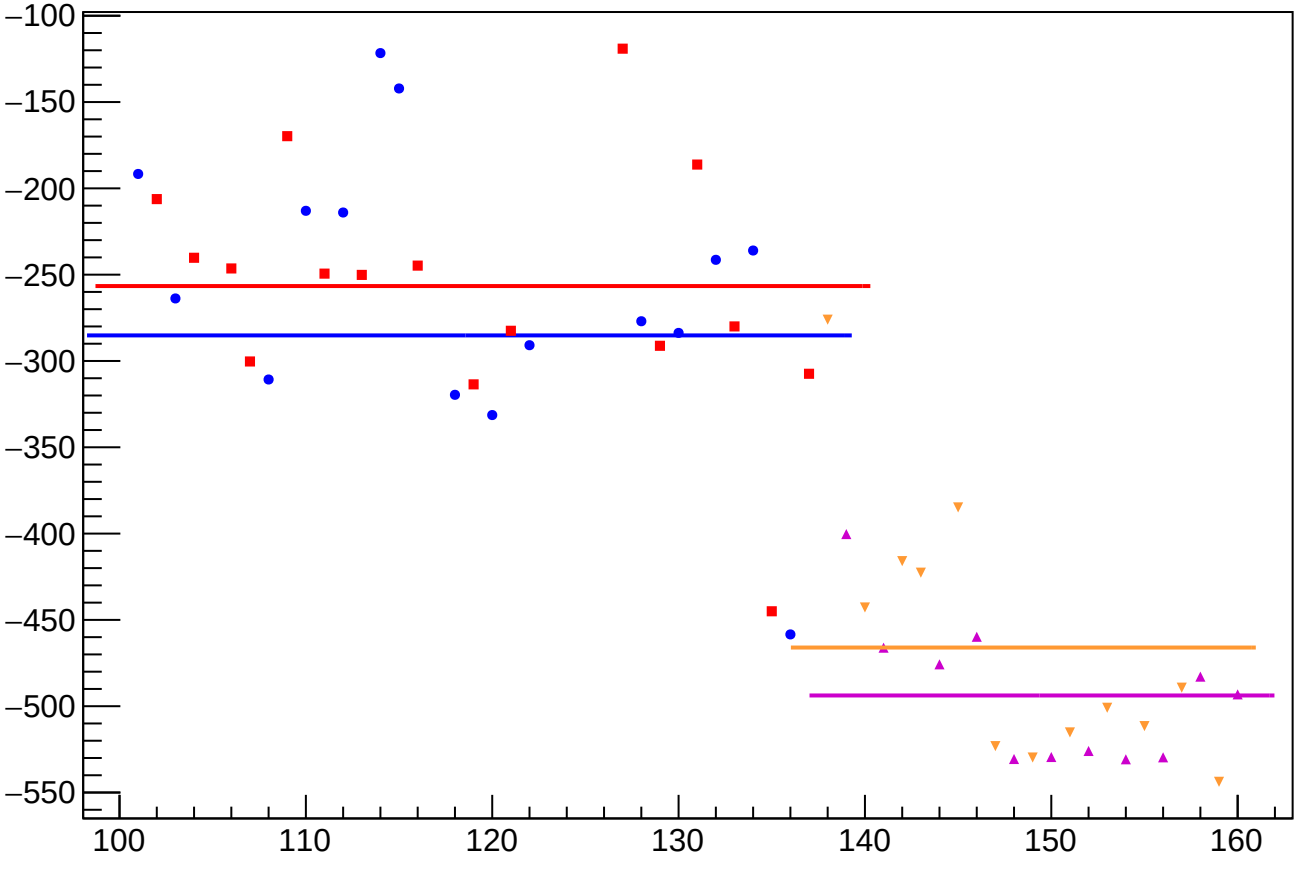
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ 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

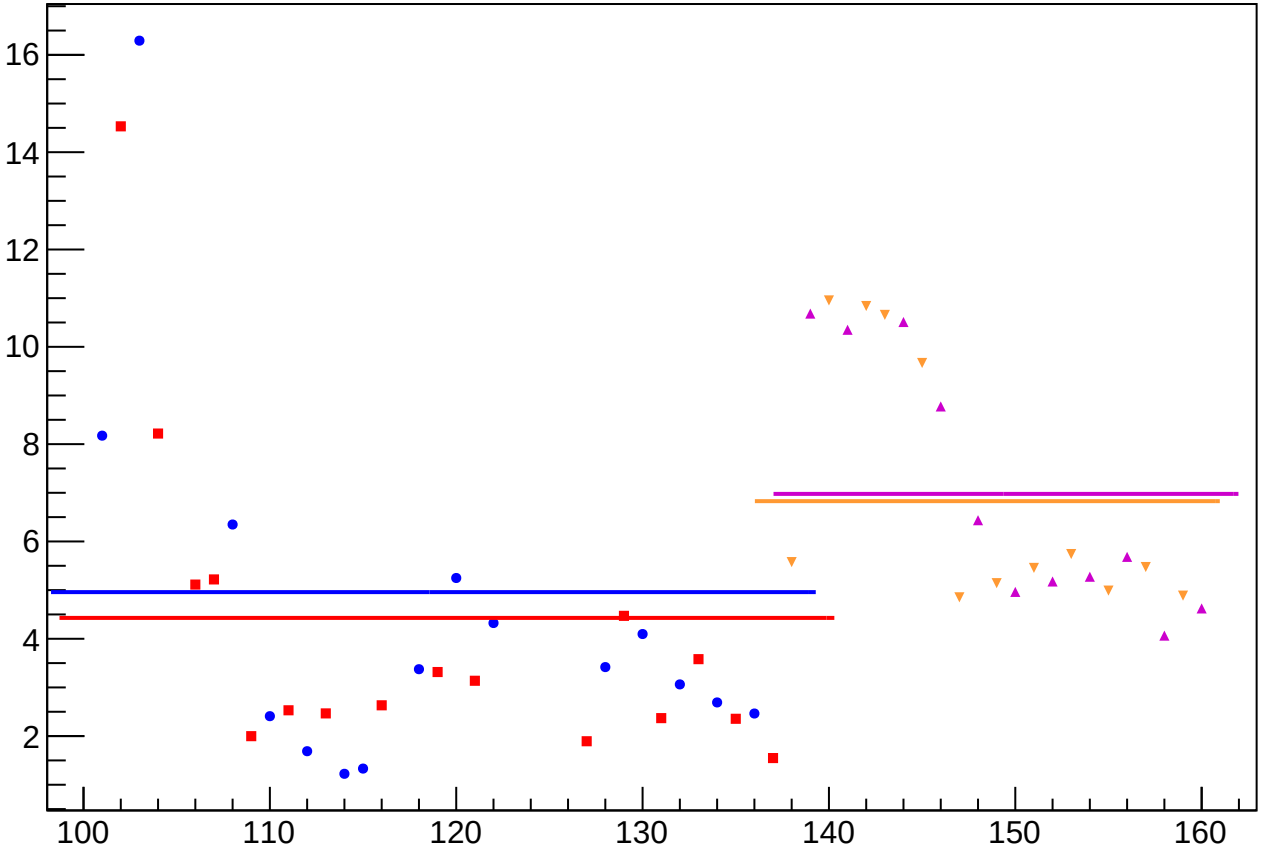
Left In: -493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10

+ 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

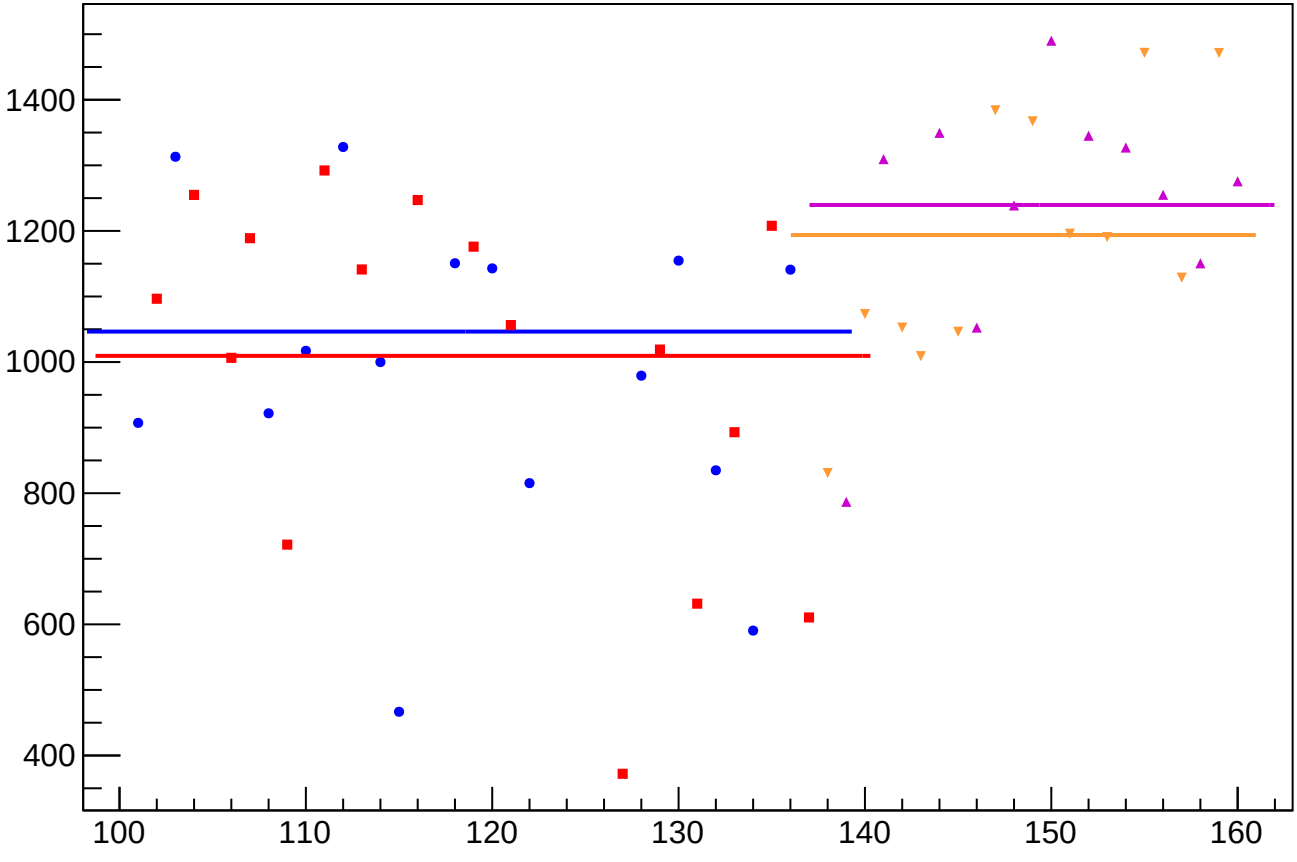
Left In: 6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

+ 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

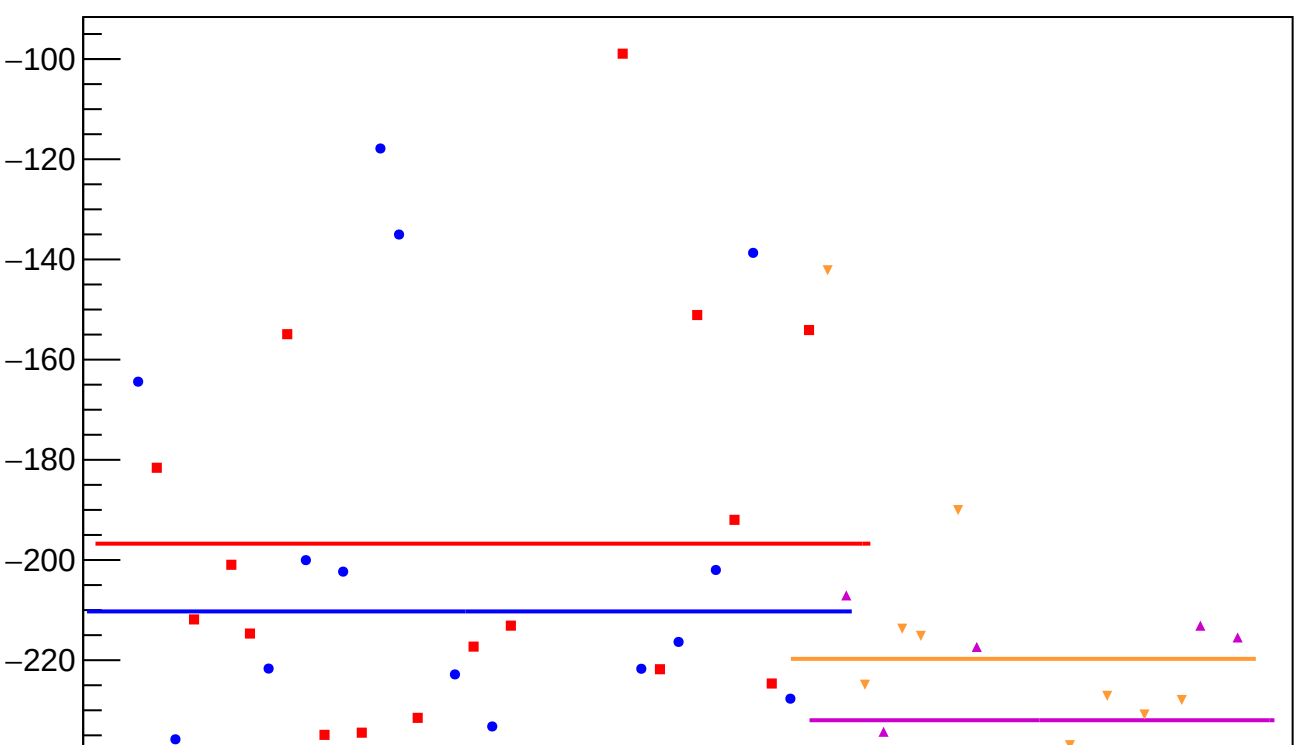
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ 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

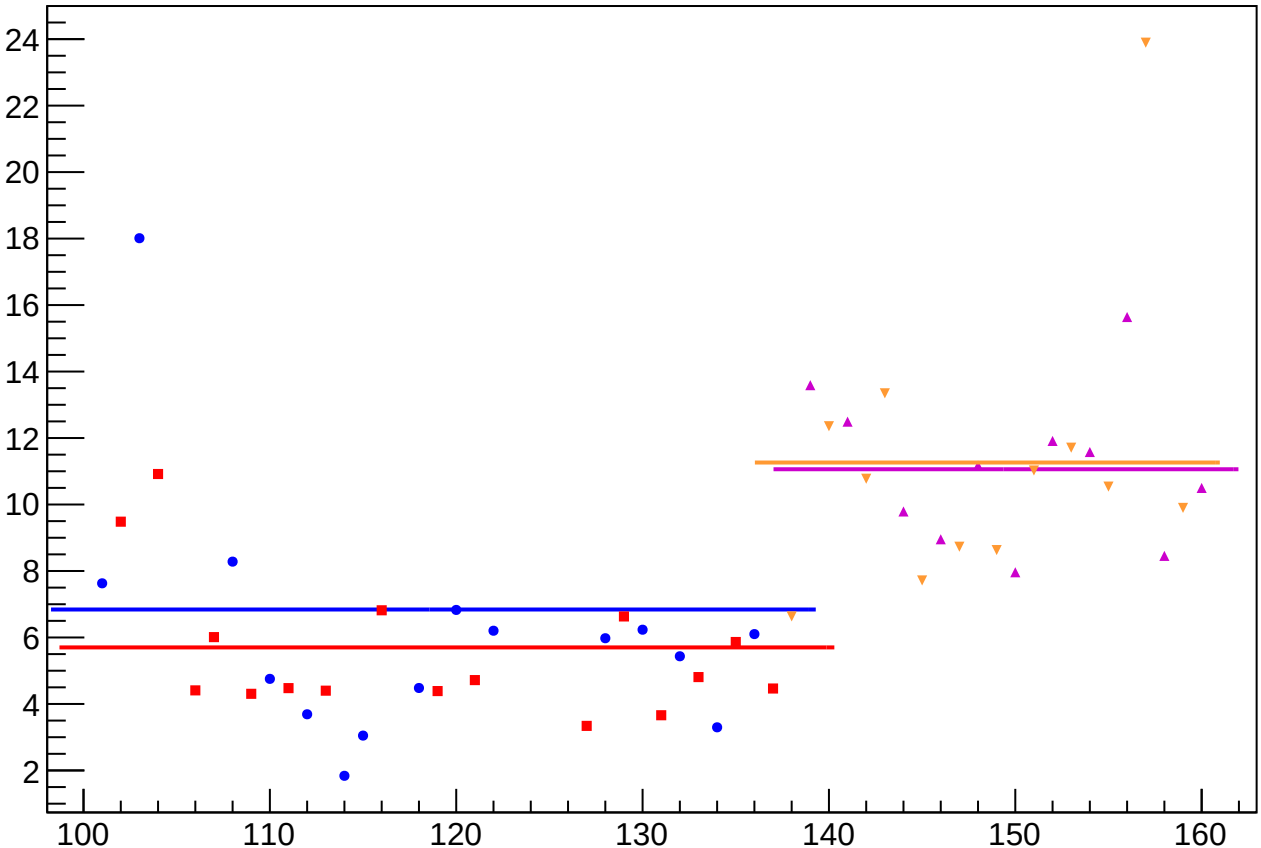
All: -216.509+/-0.000 χ^2/NDF: 2868258790 5

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

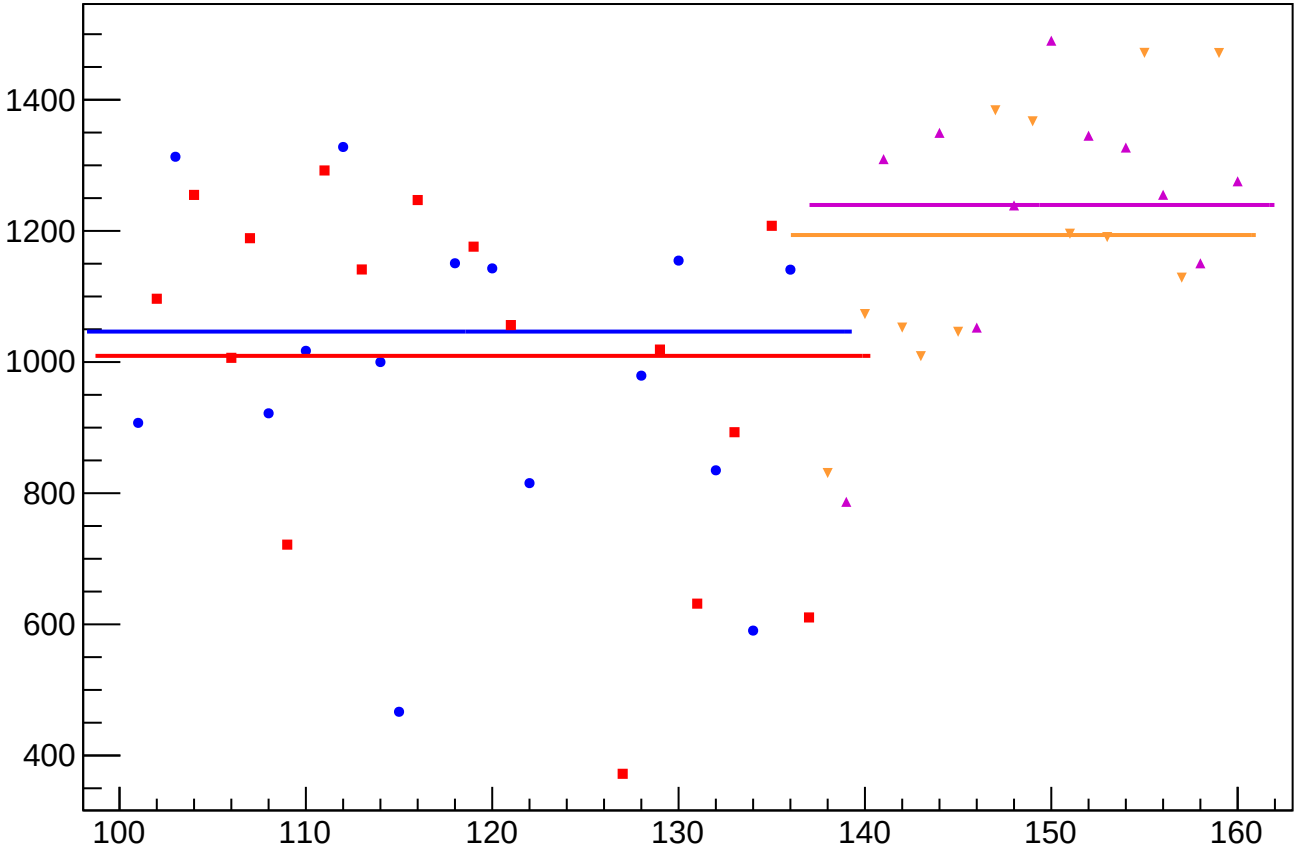
Left In: 11.061+/-0.000 χ^2/NDF:4417559387784954400311933713514496.0/10

+ 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

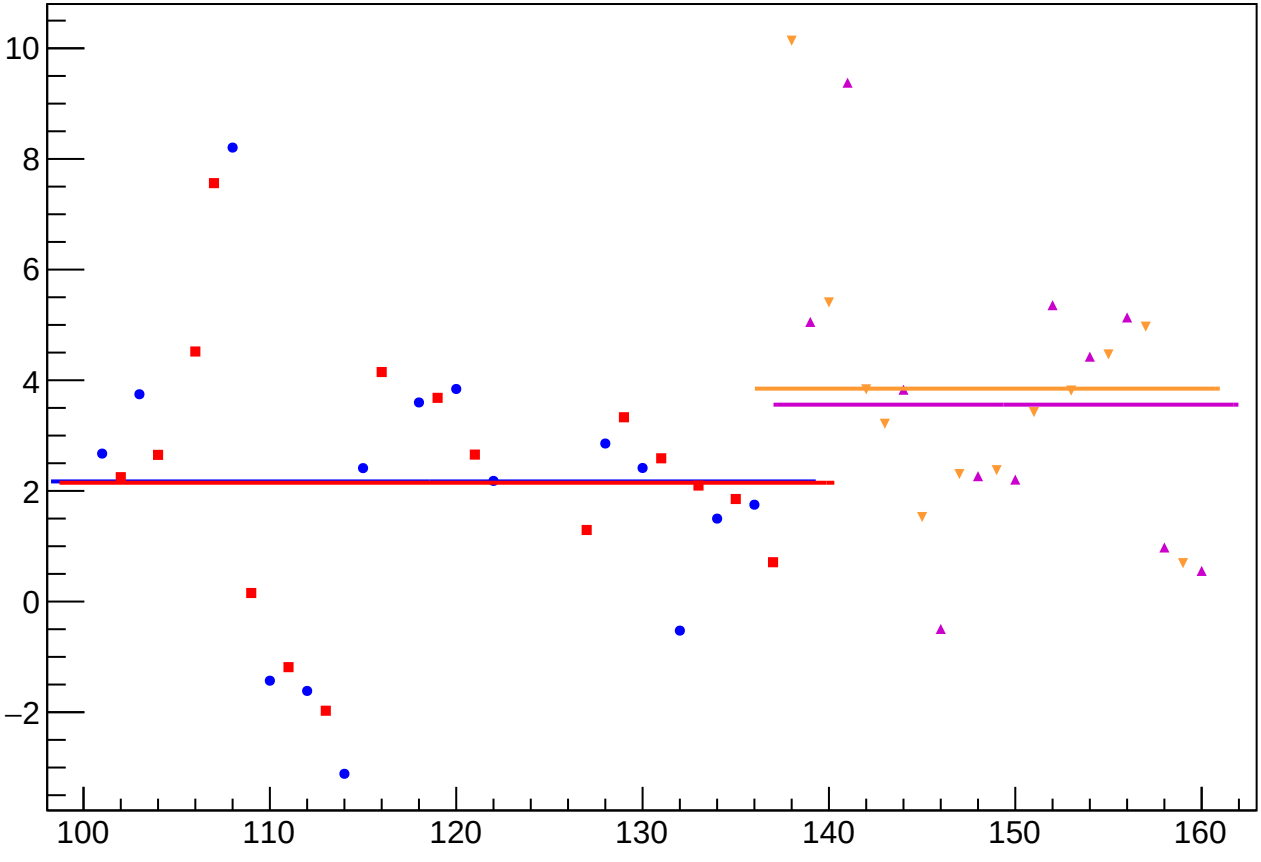
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ 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

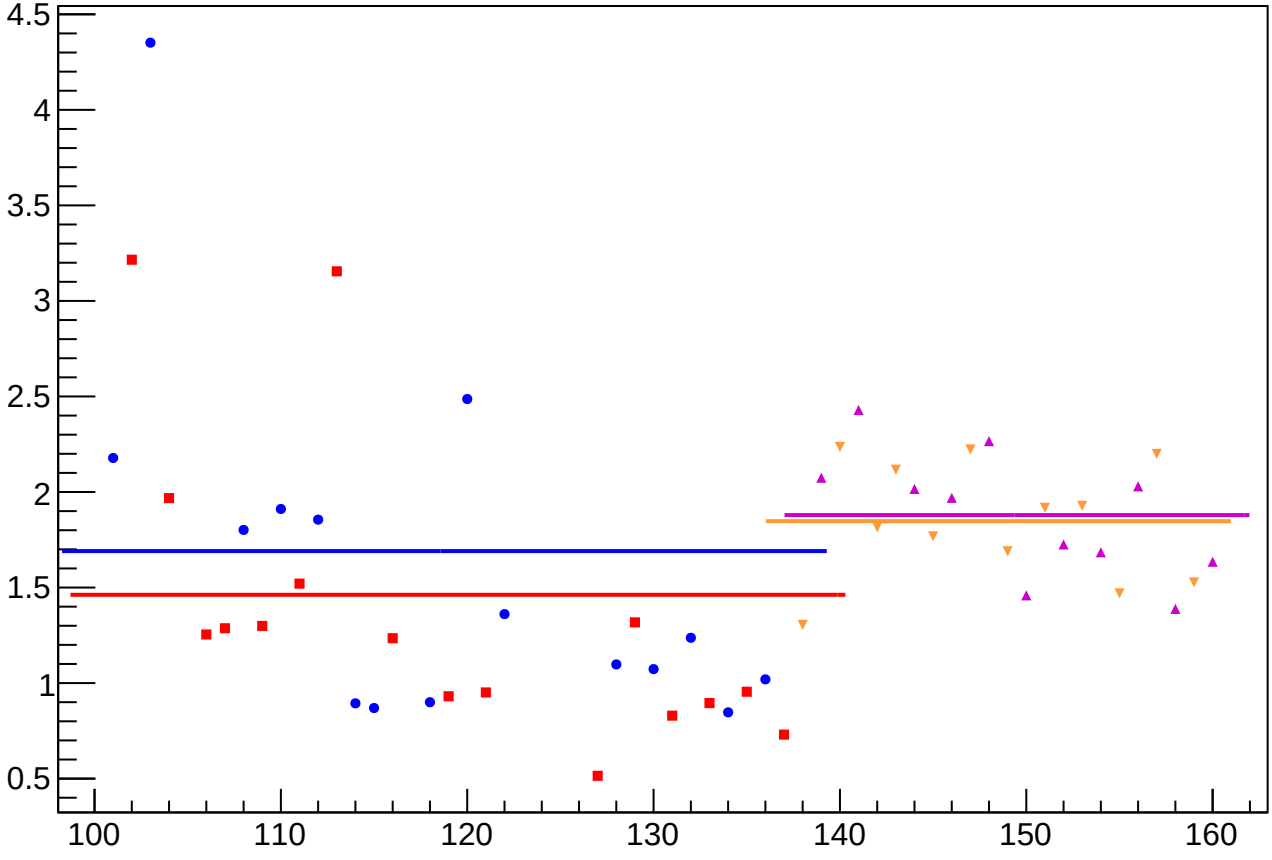
Left In: 3.559+/-0.000 χ^2/NDF:649266734510996254065216575871385 6.0/10

+ 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

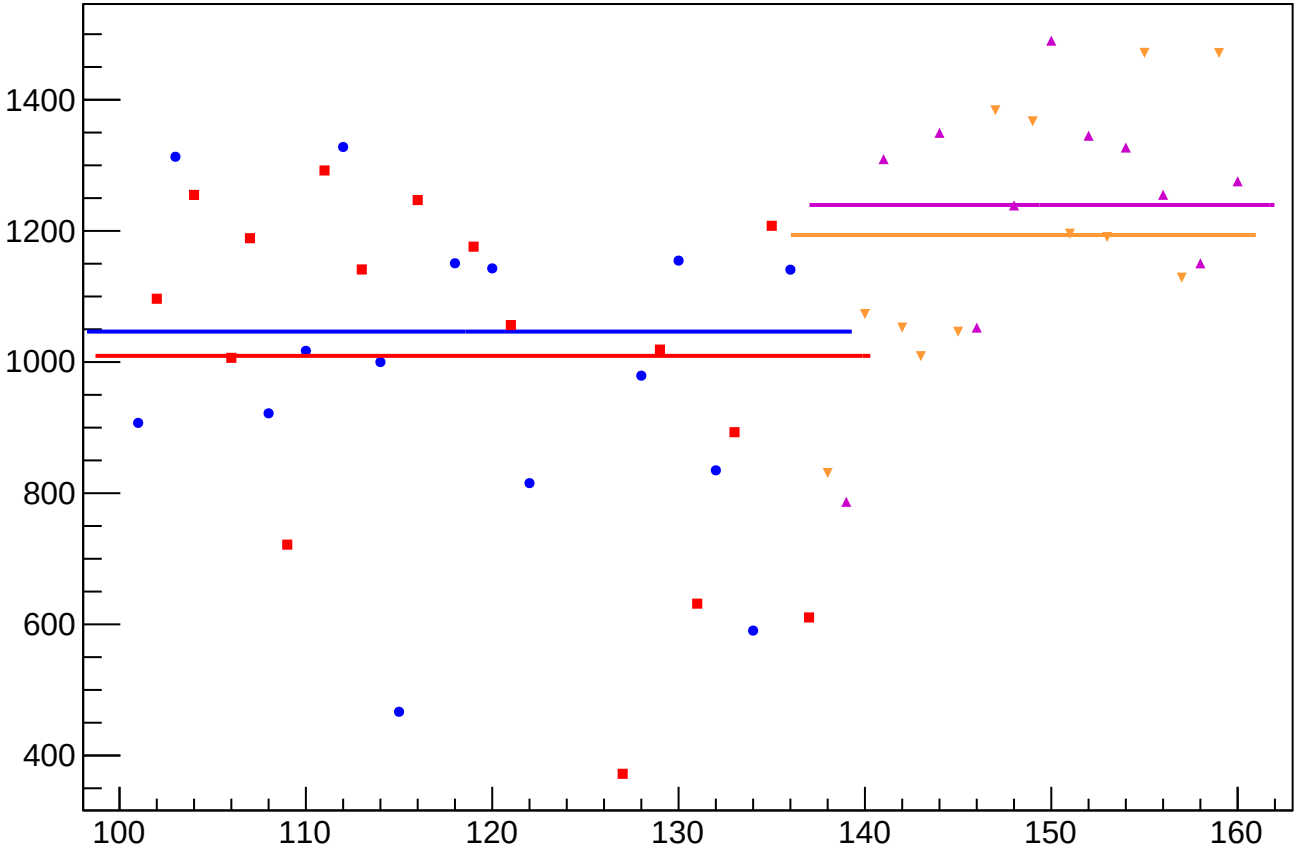
Left In: 1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

+ 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

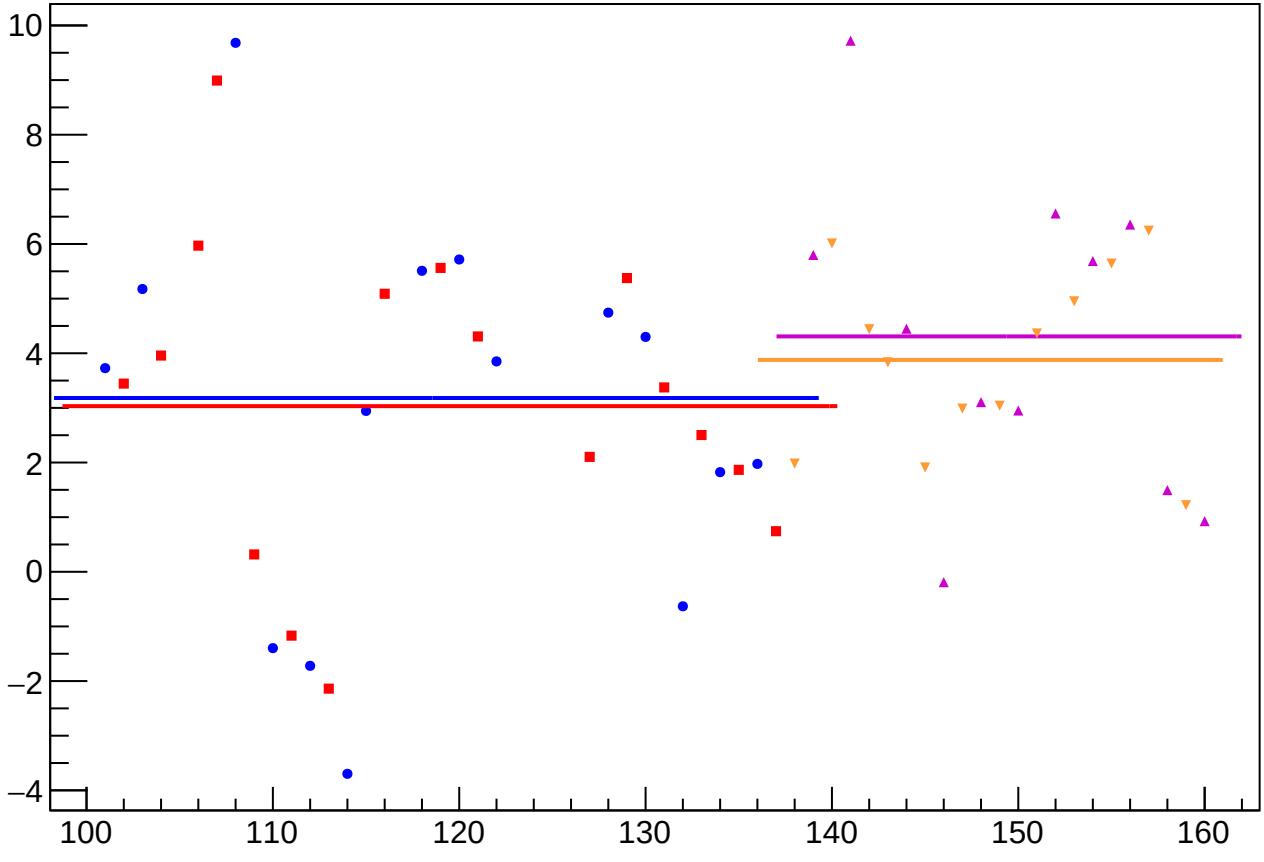
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ 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

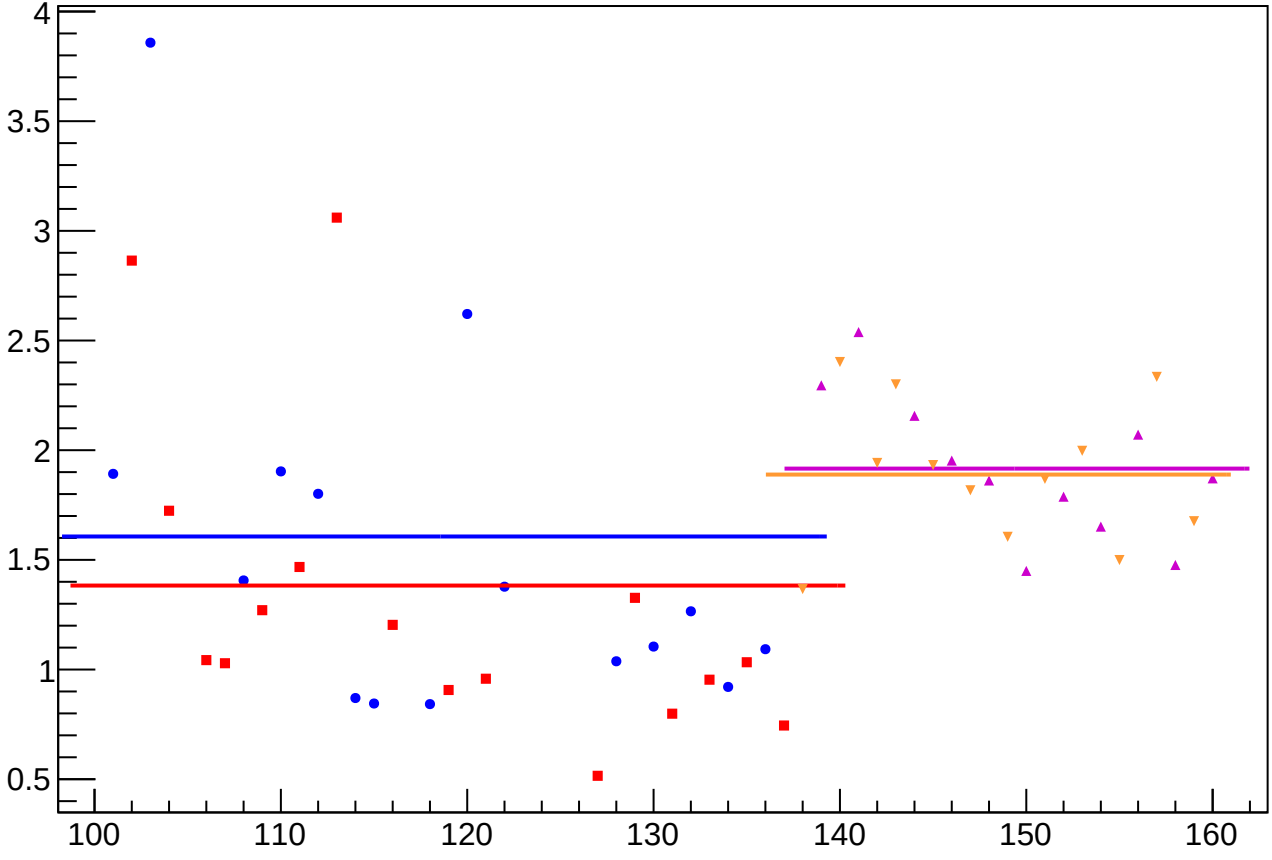
All: 3.682+/-0.000 χ^2/NDF: 2115006474861 8

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

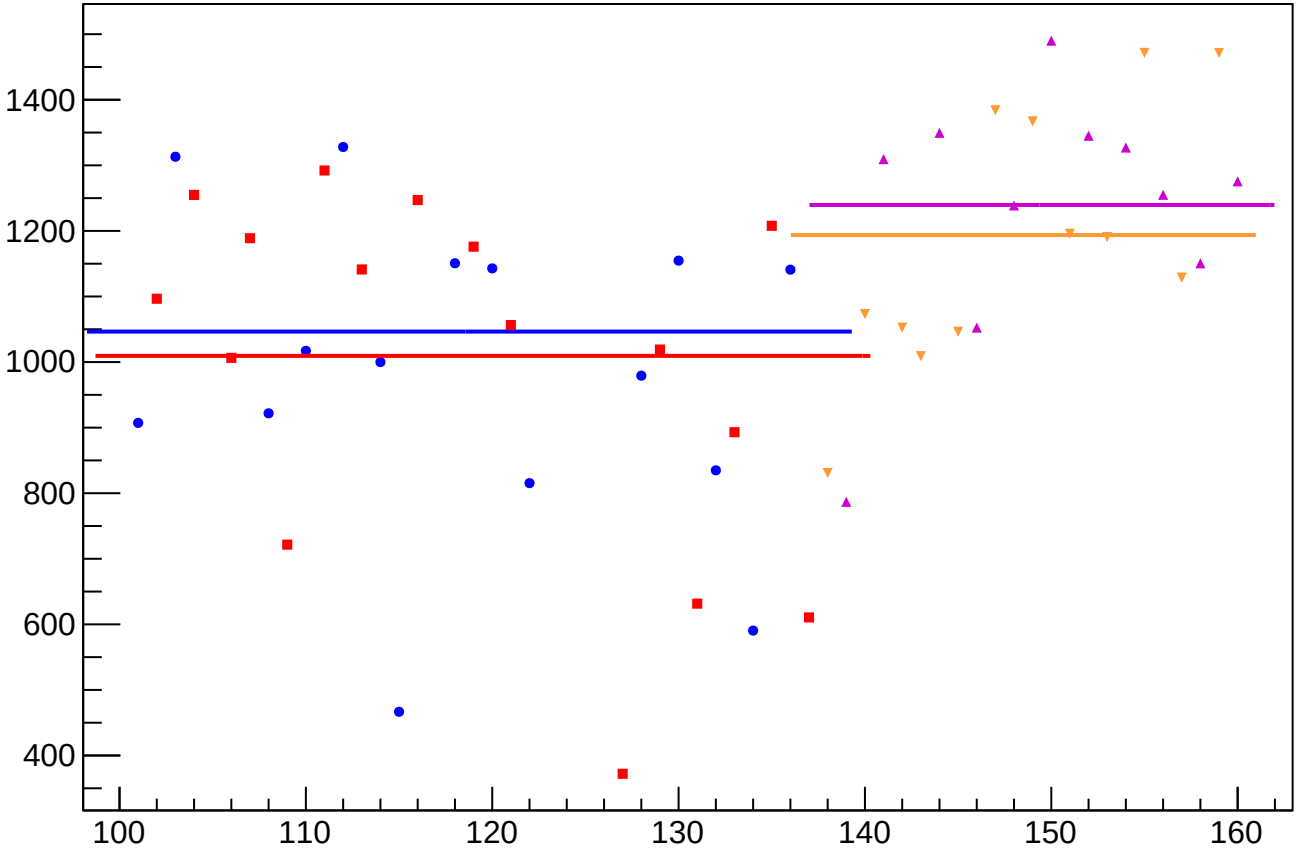
Left In: 1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

+ 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

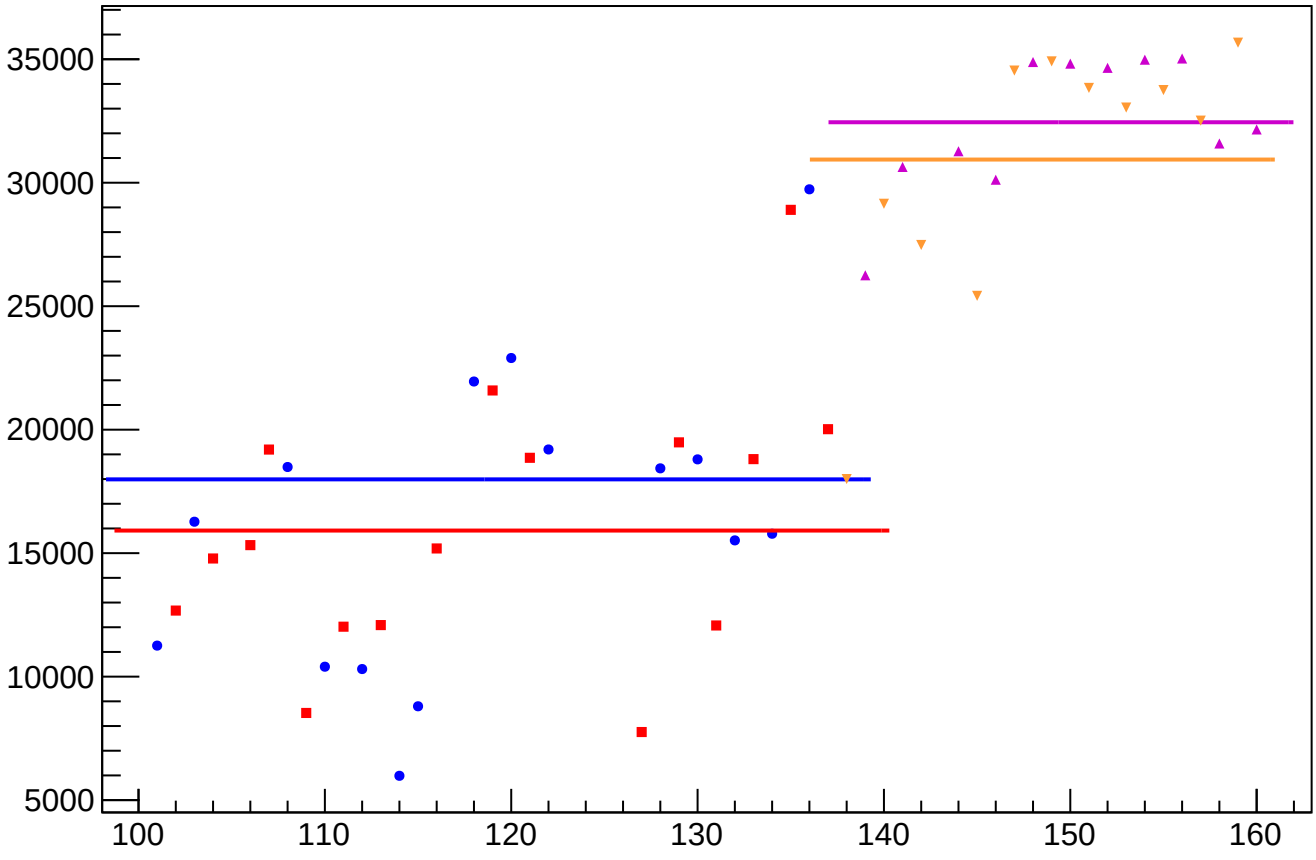
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ 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

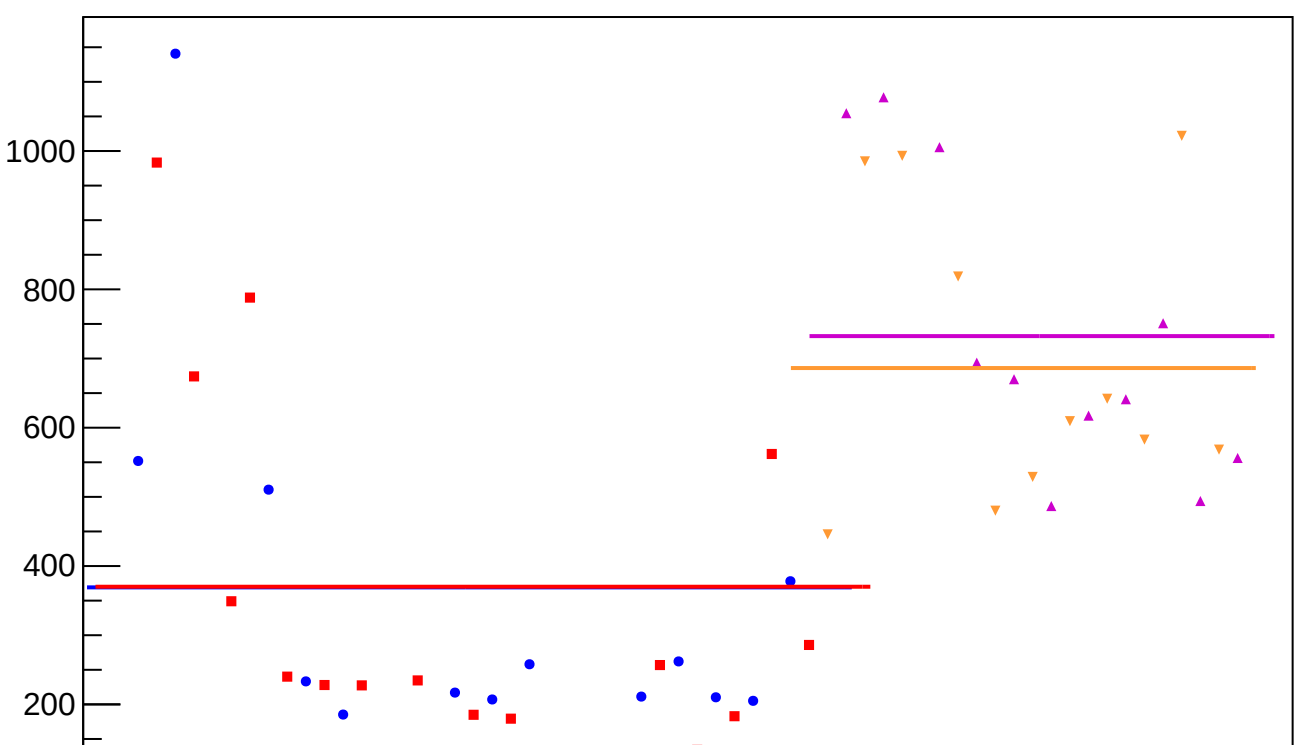
Left In: 32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10

+ 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

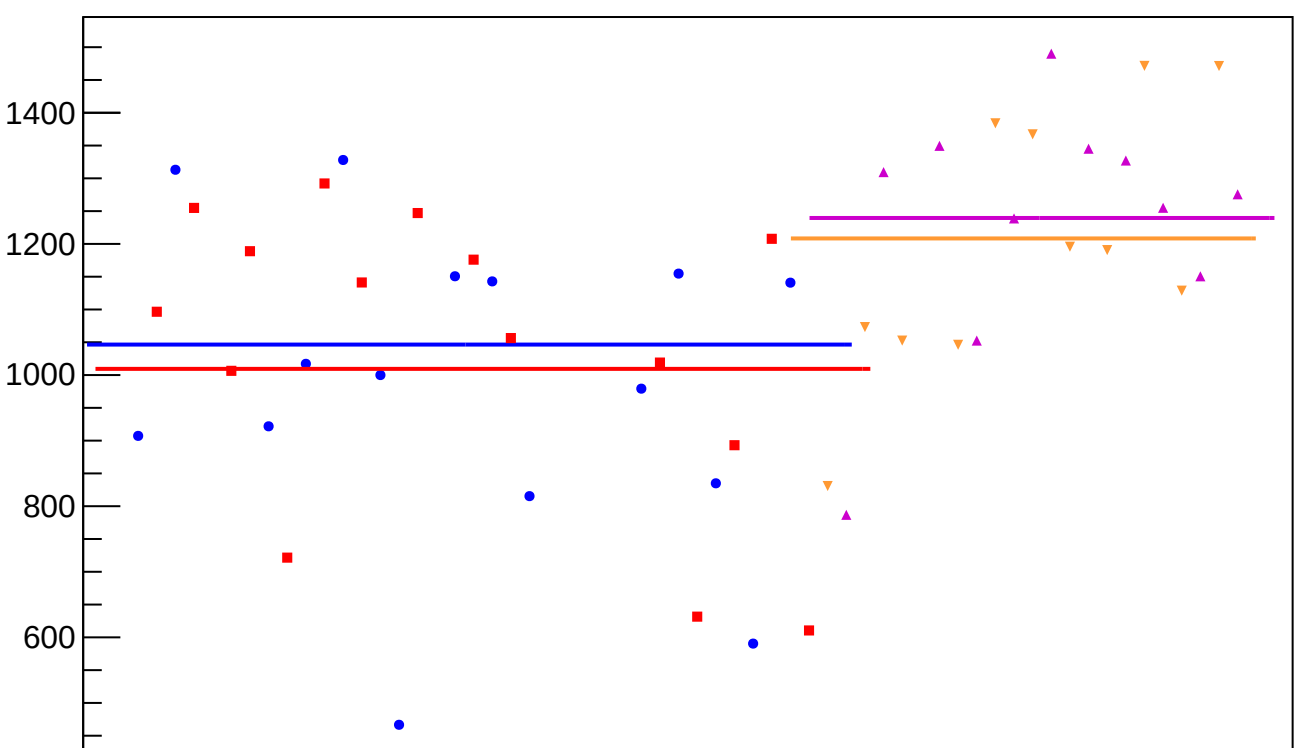
Left In: 732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10

+ 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

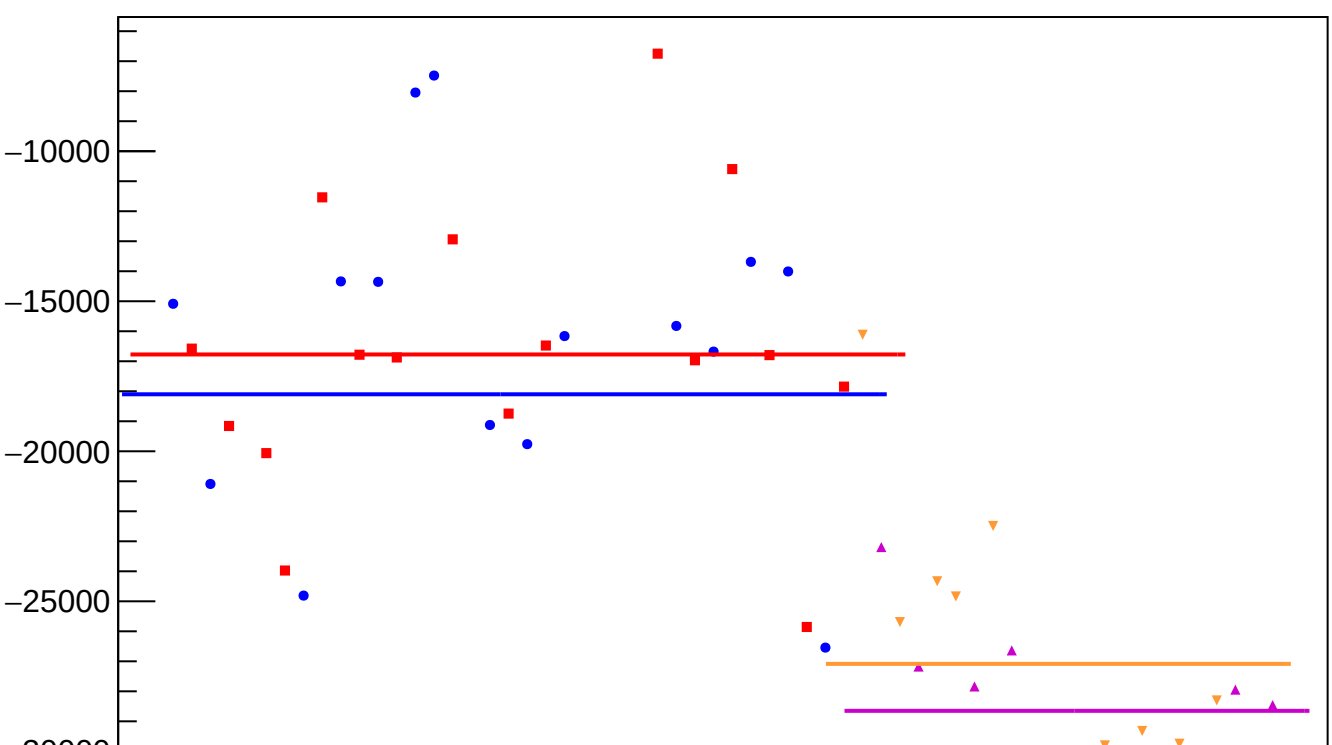
Left In: 1239.553+/-0.000 χ^2/NDF:291161803304255052425940307043900456 96.0/10

+ 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

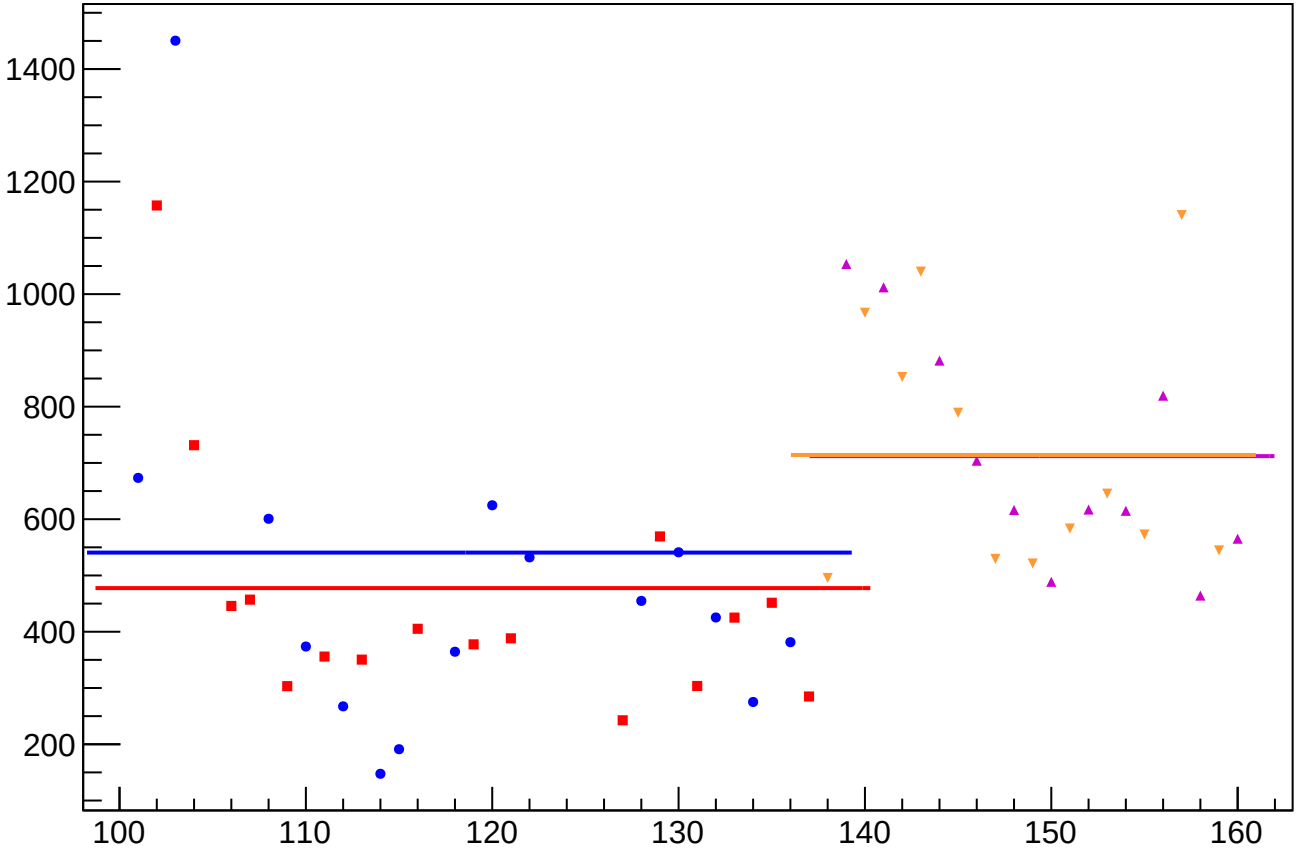
Left In: -28650.410+/-0.000 χ^2/NDF:4838827535981080826725947474344765554688.0/10

+ 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

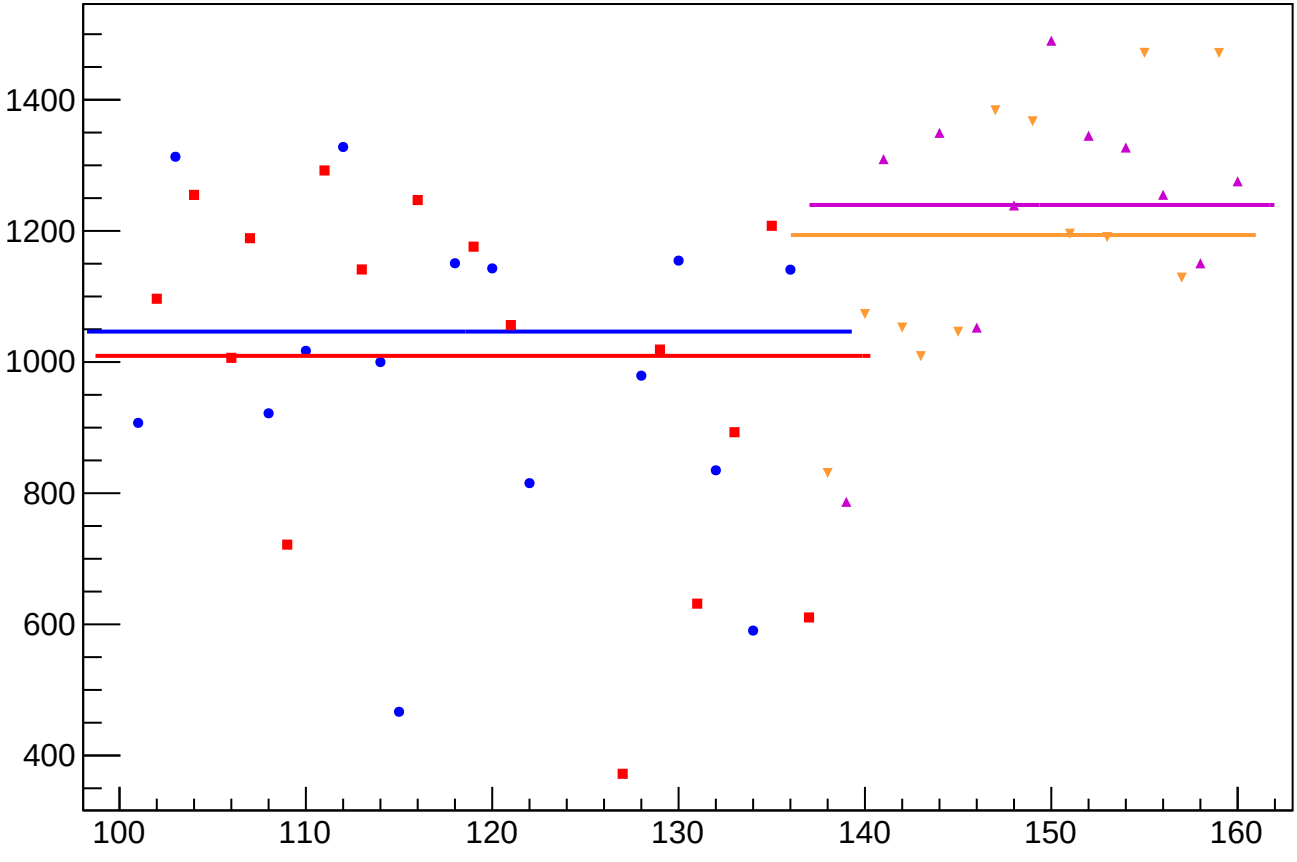
Left In: 712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

+ 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

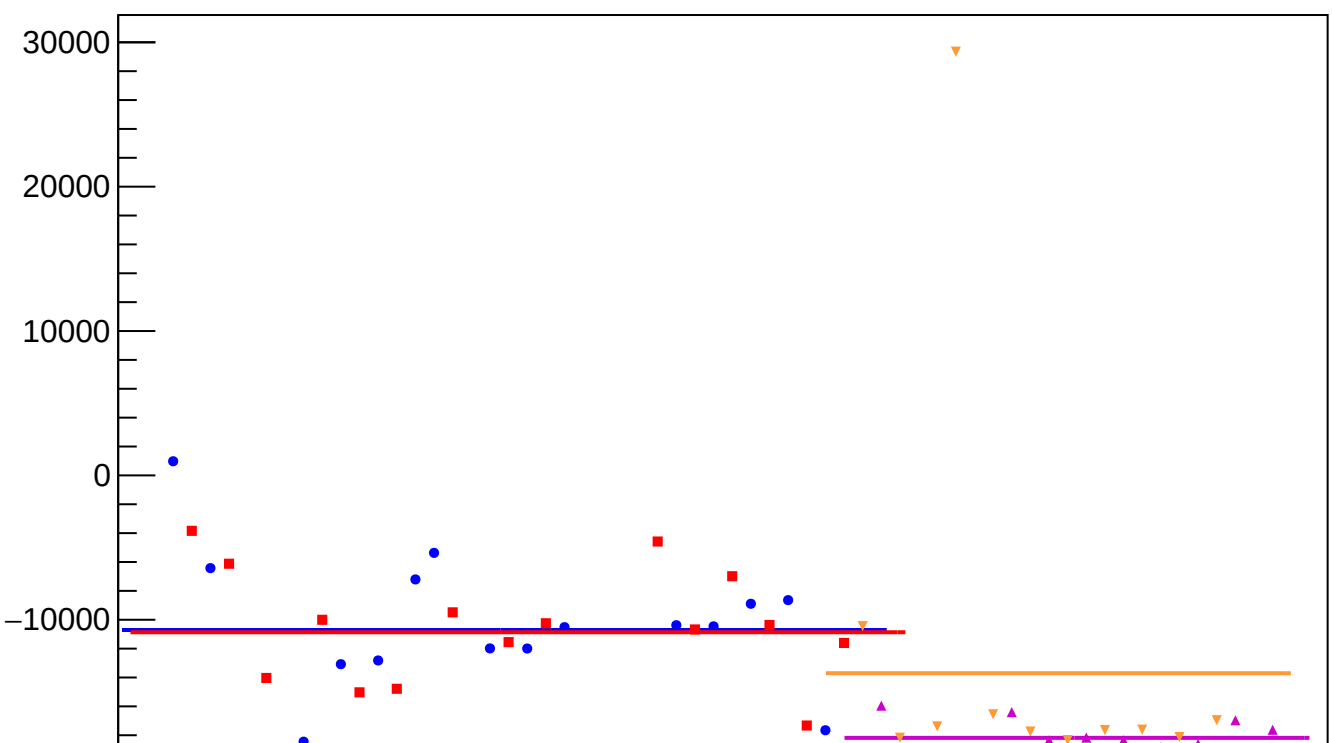
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ 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

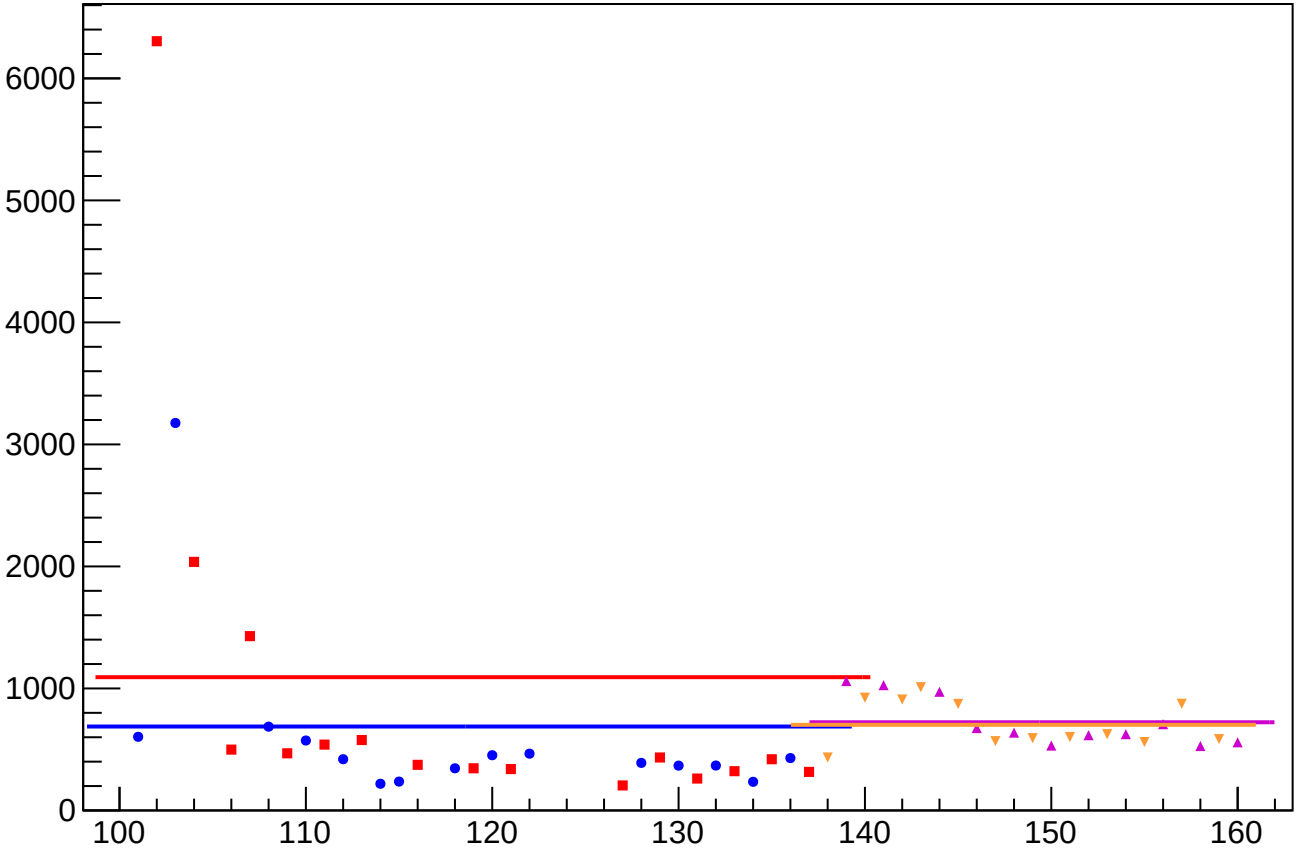
All: -13800.033+/-0.000 χ^2/NDF: 200733129

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

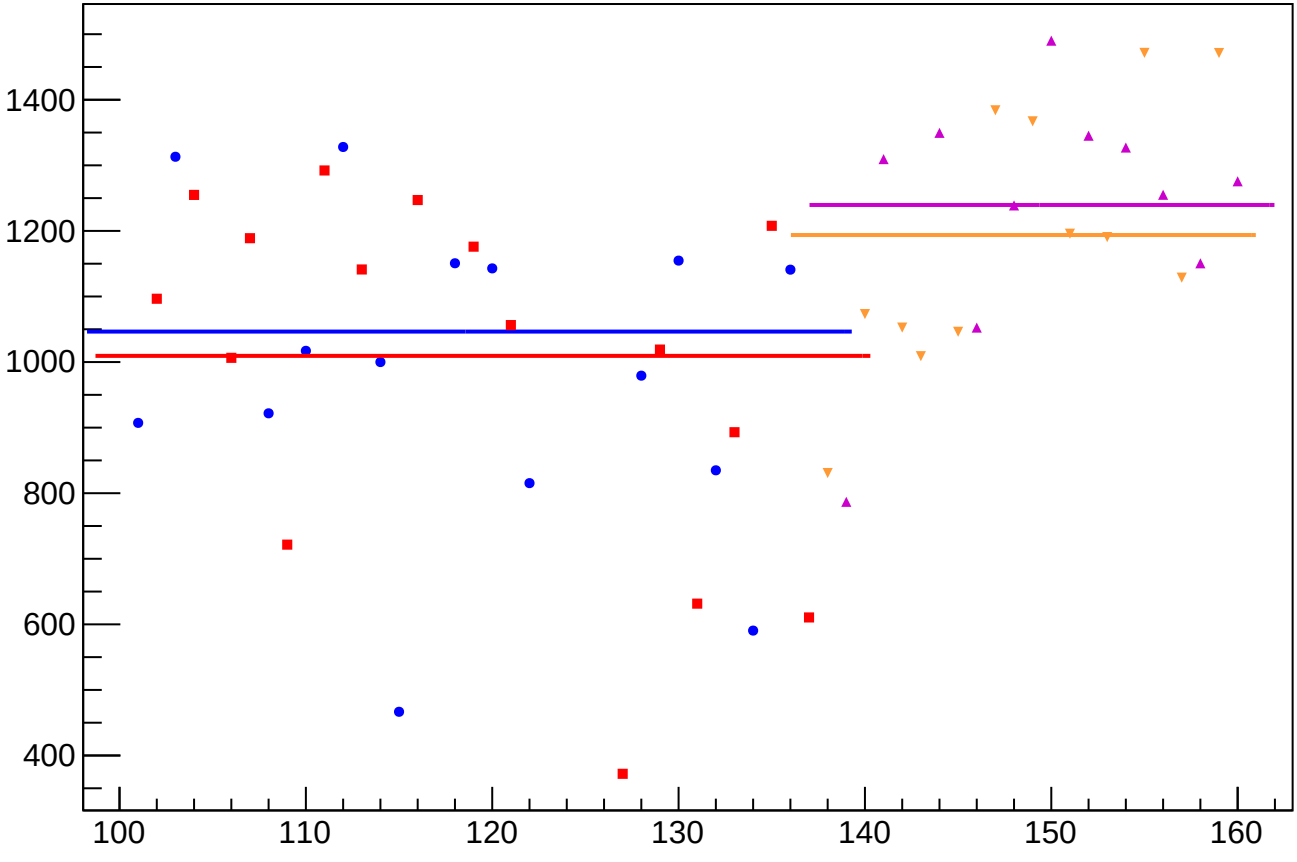
All: 787.665+/-0.000 χ^2/NDF: 2434168948 39

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

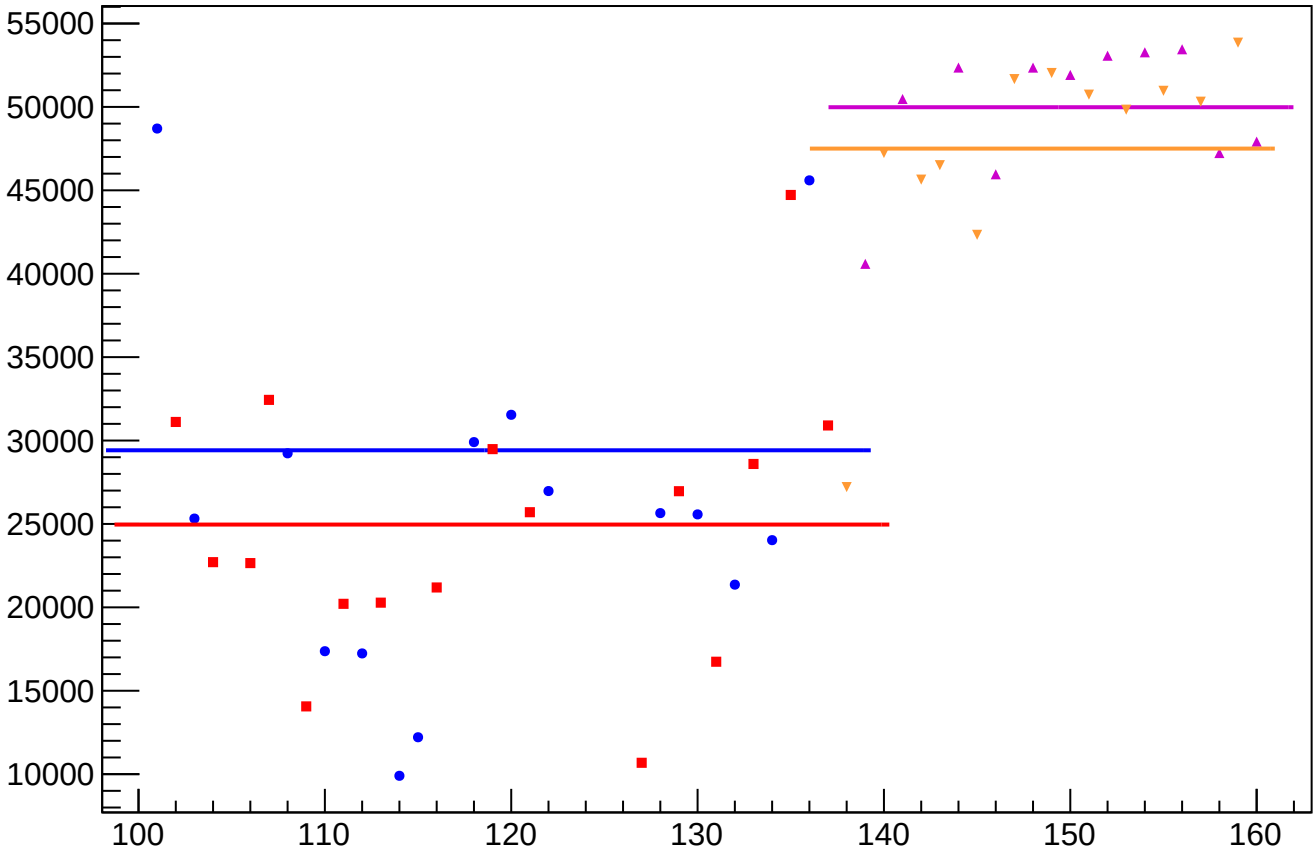
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

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

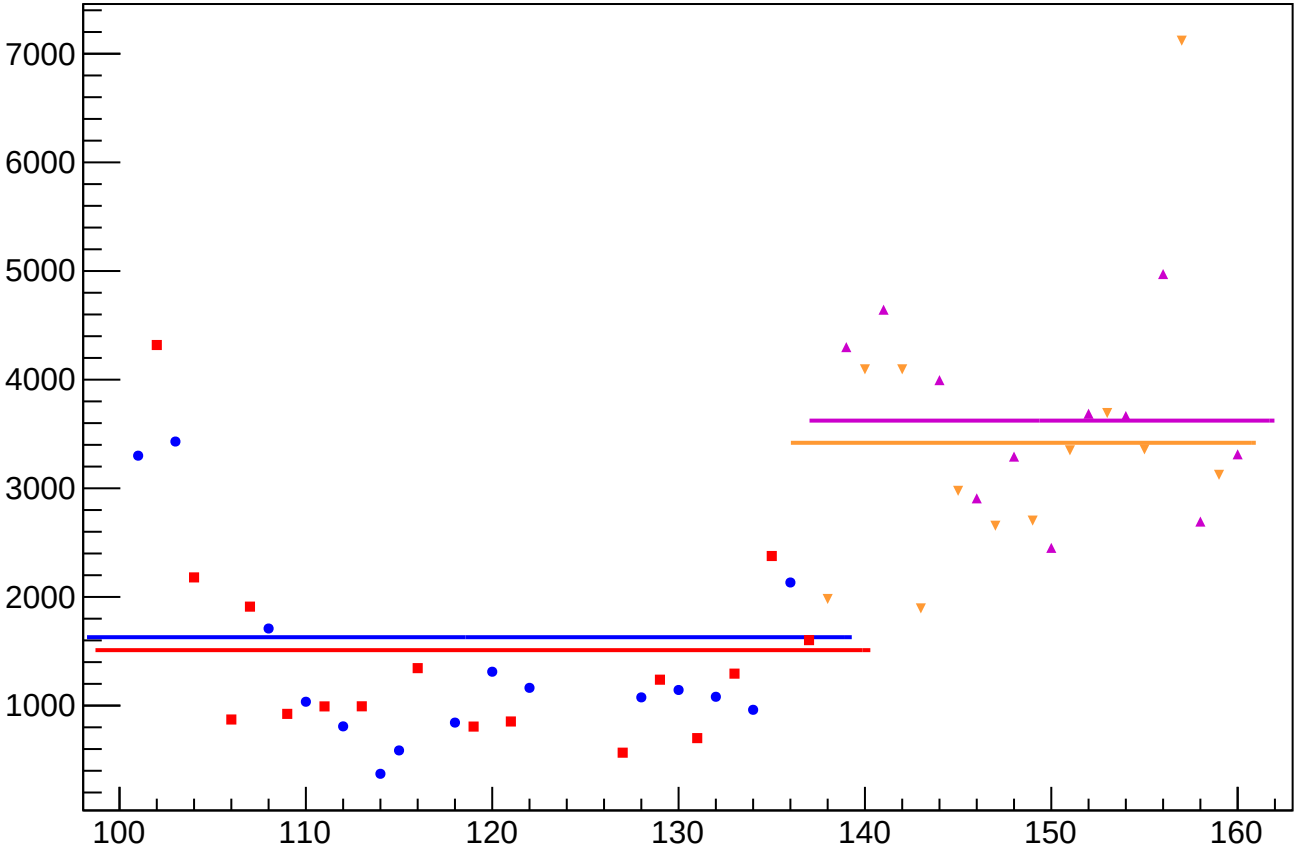
All: 39740.450+/-0.000 χ^2/NDF: 5413093002

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

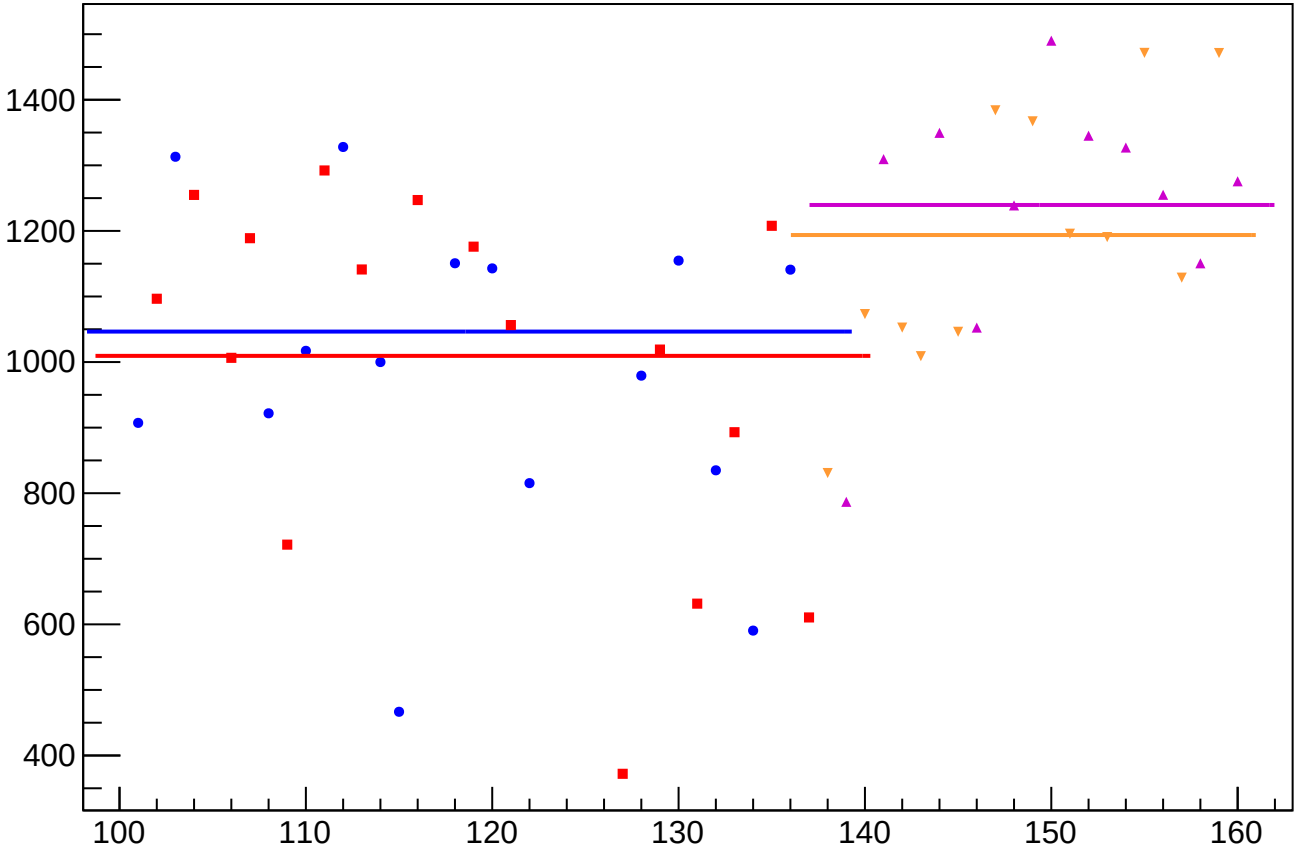
Left In: 3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

+ 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

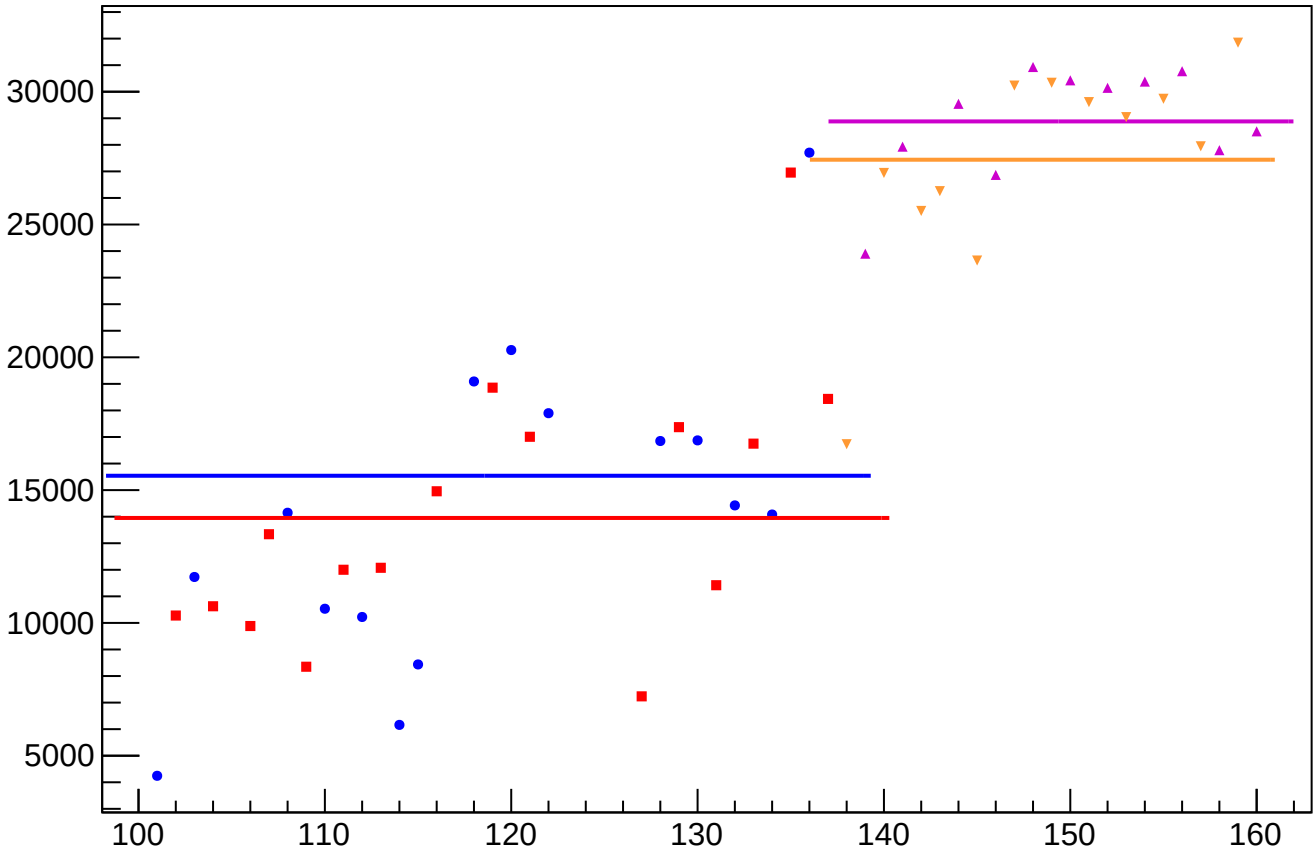
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

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

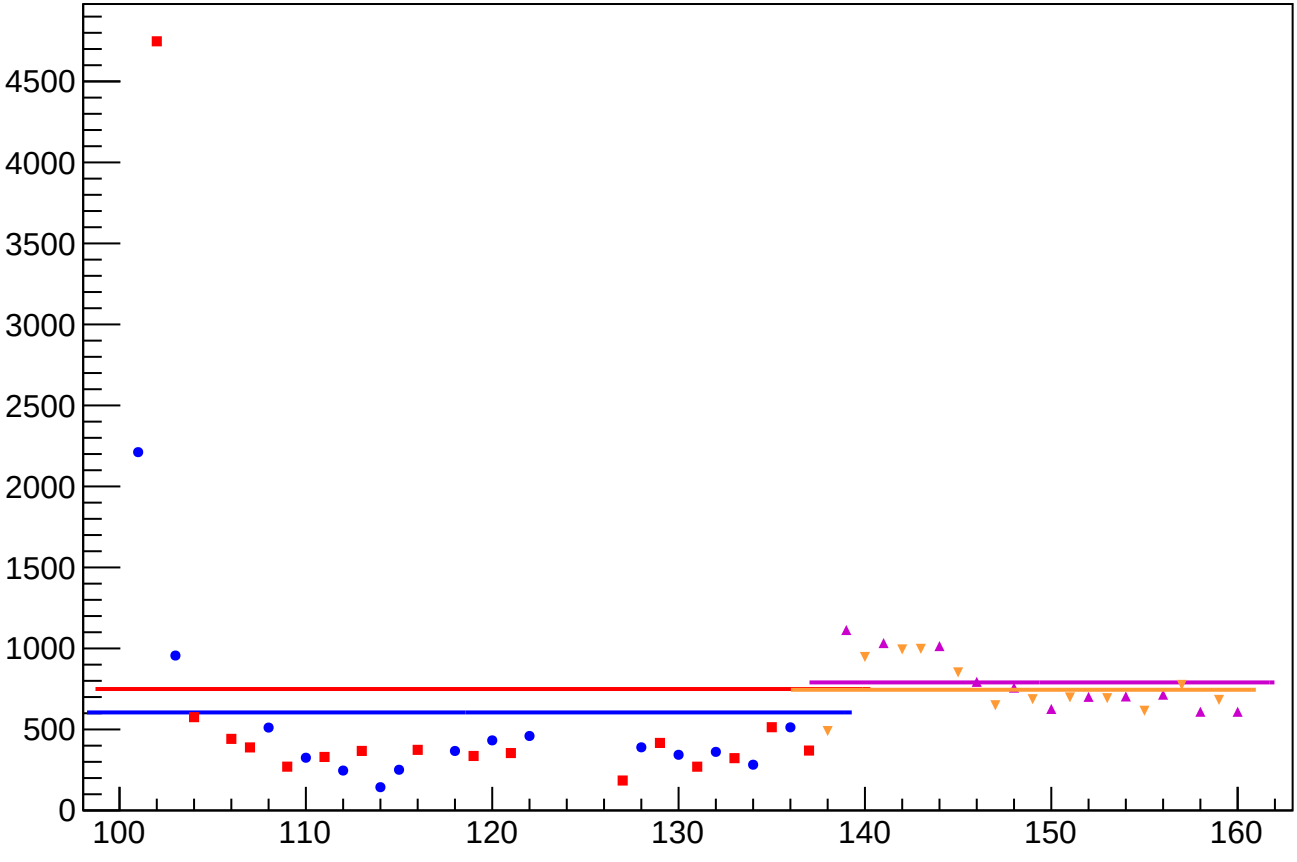
All: 22561.315+/-0.000 χ^2/NDF: 2024381611

Right Out: 13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

- sign 22622.631+/-0.000 χ^2/NDF: 1070625118466

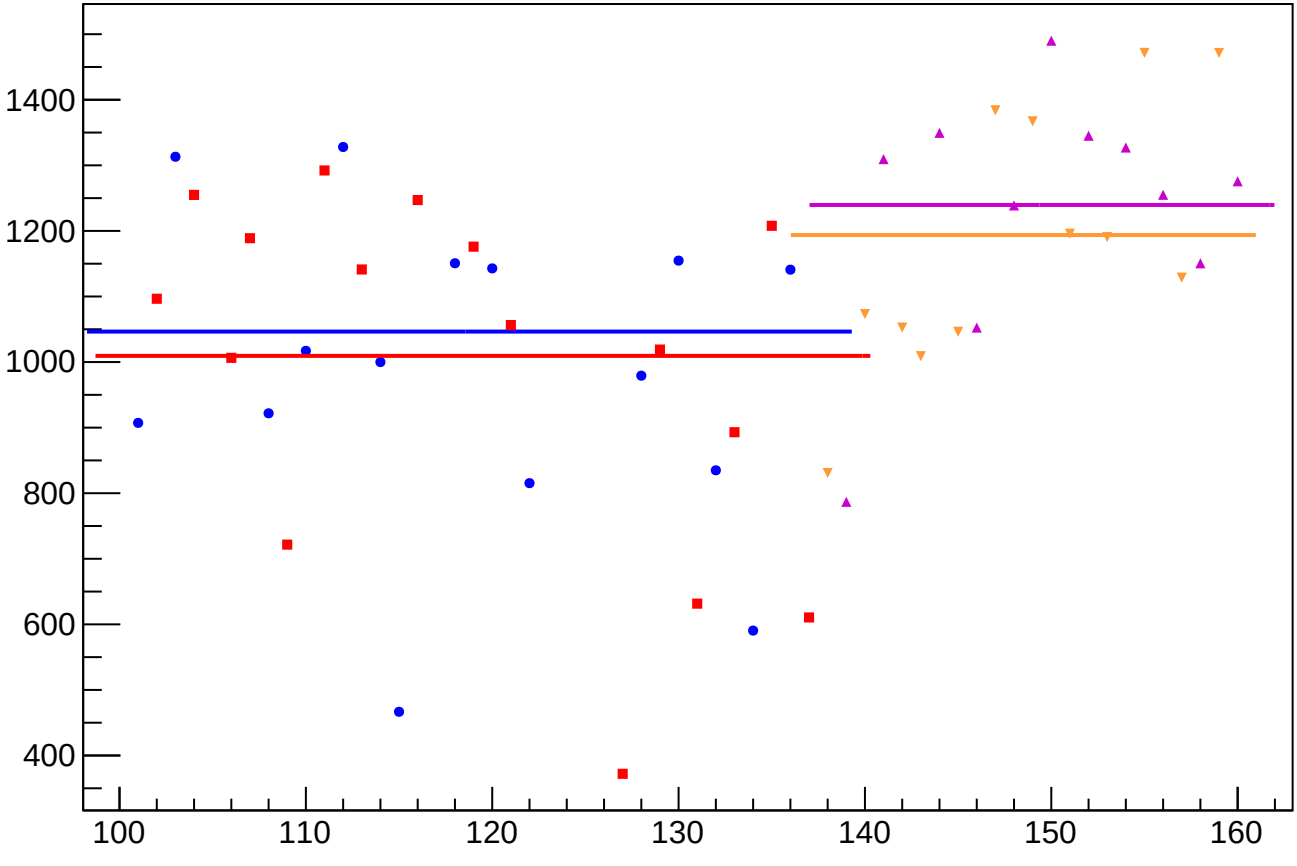
Left In: 28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10

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

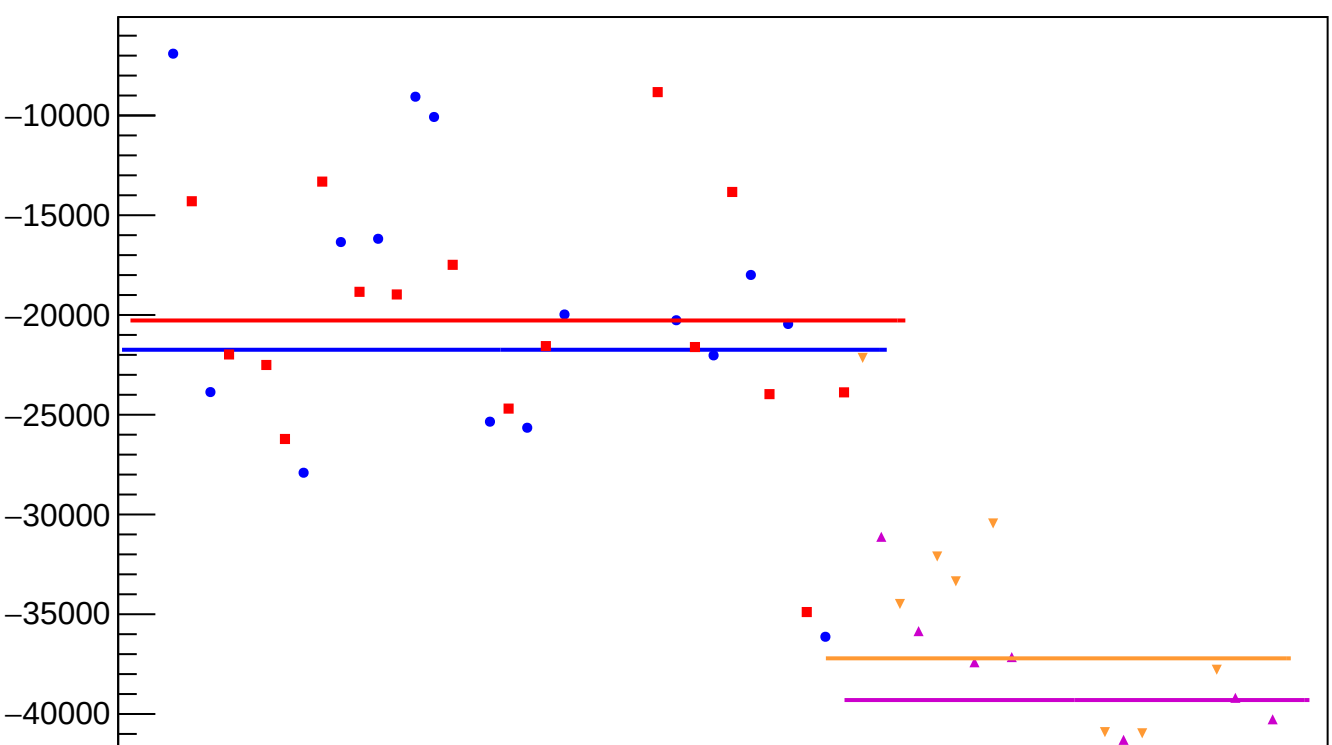
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

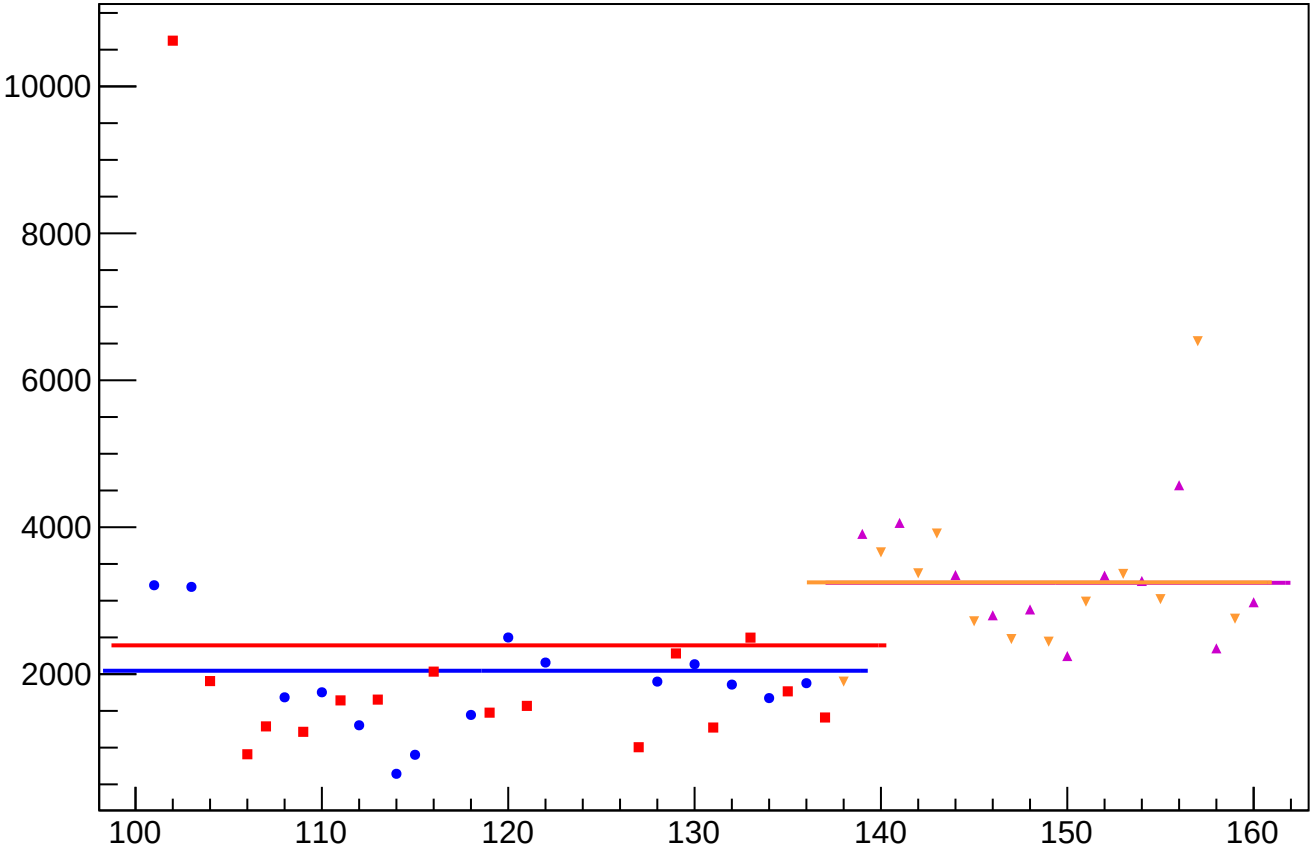
- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

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

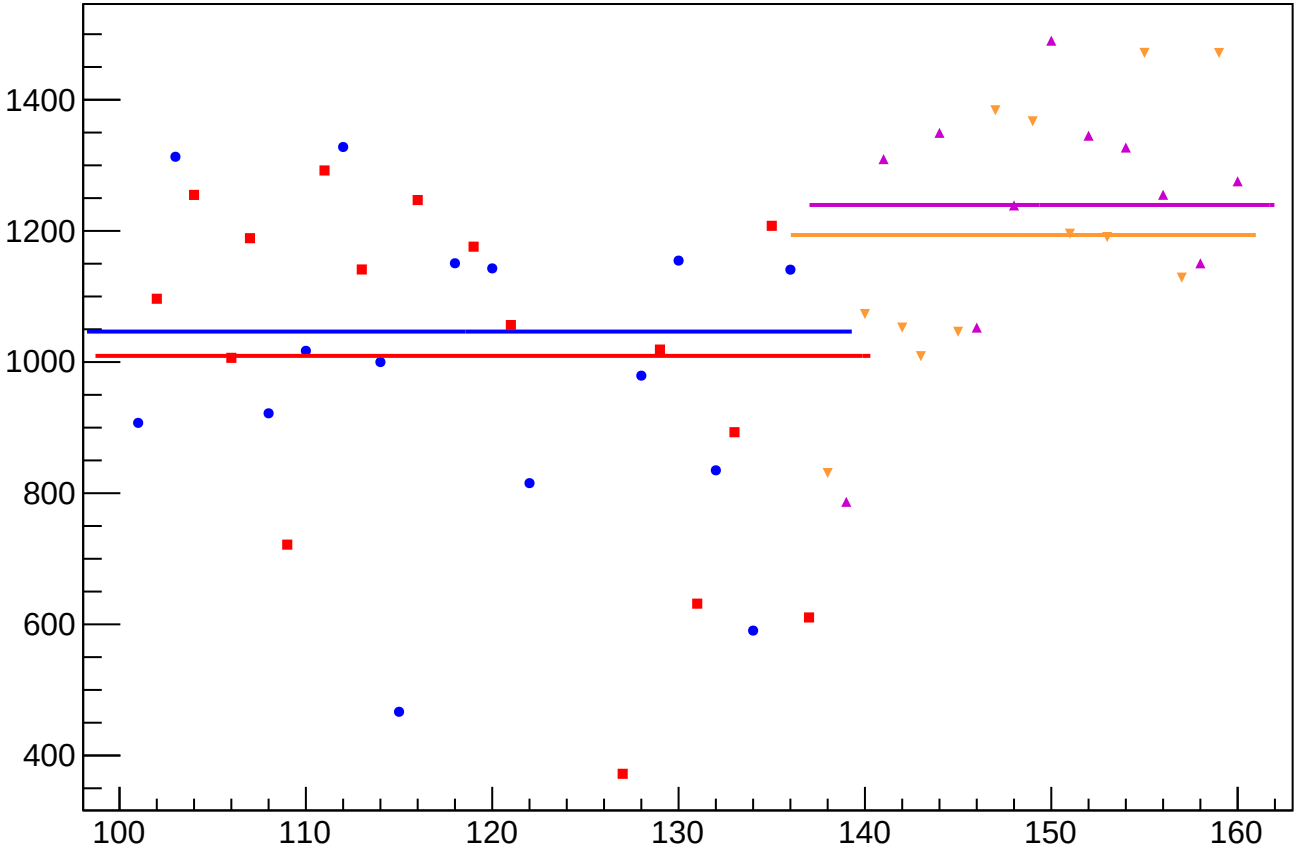
All: 2818.755+/-0.000 χ^2/NDF: 7140152506

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

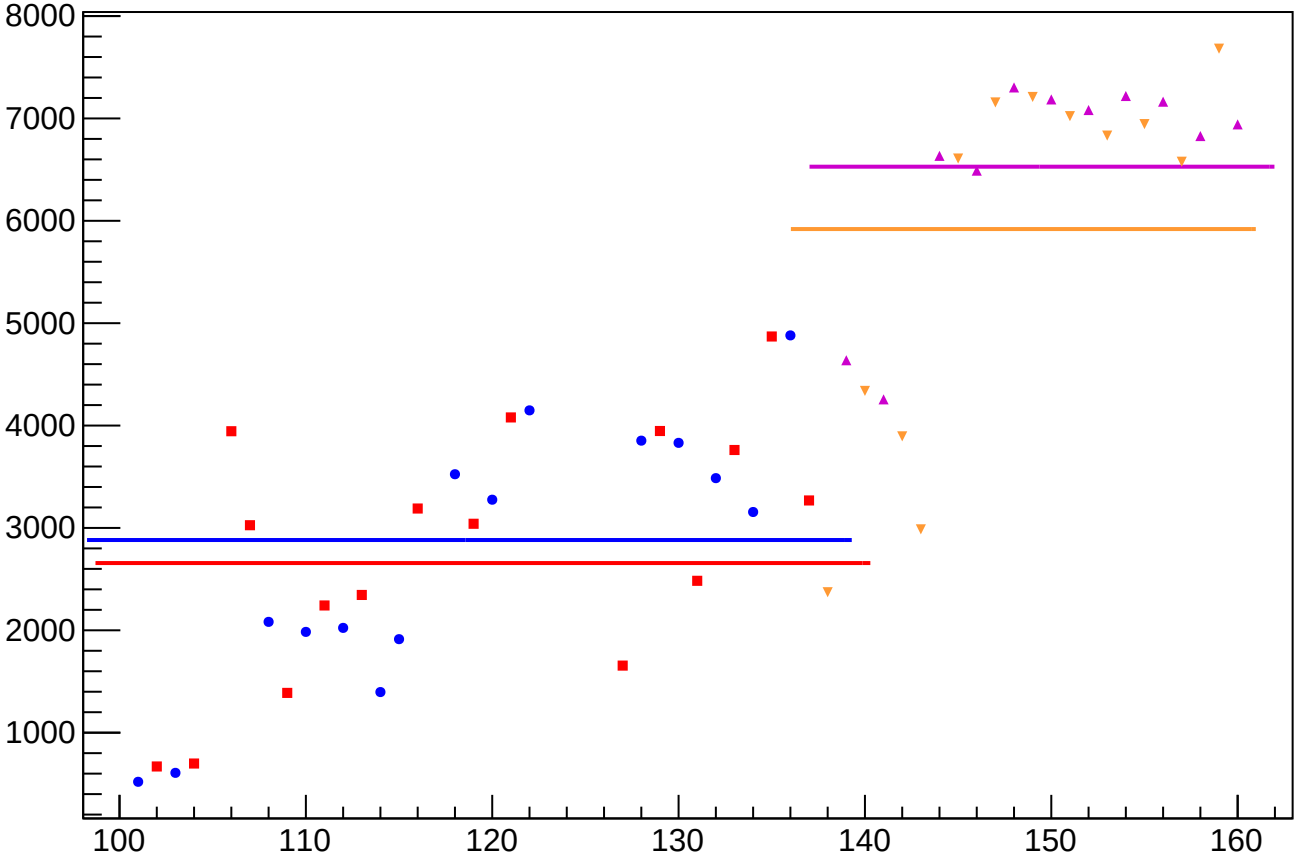
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

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

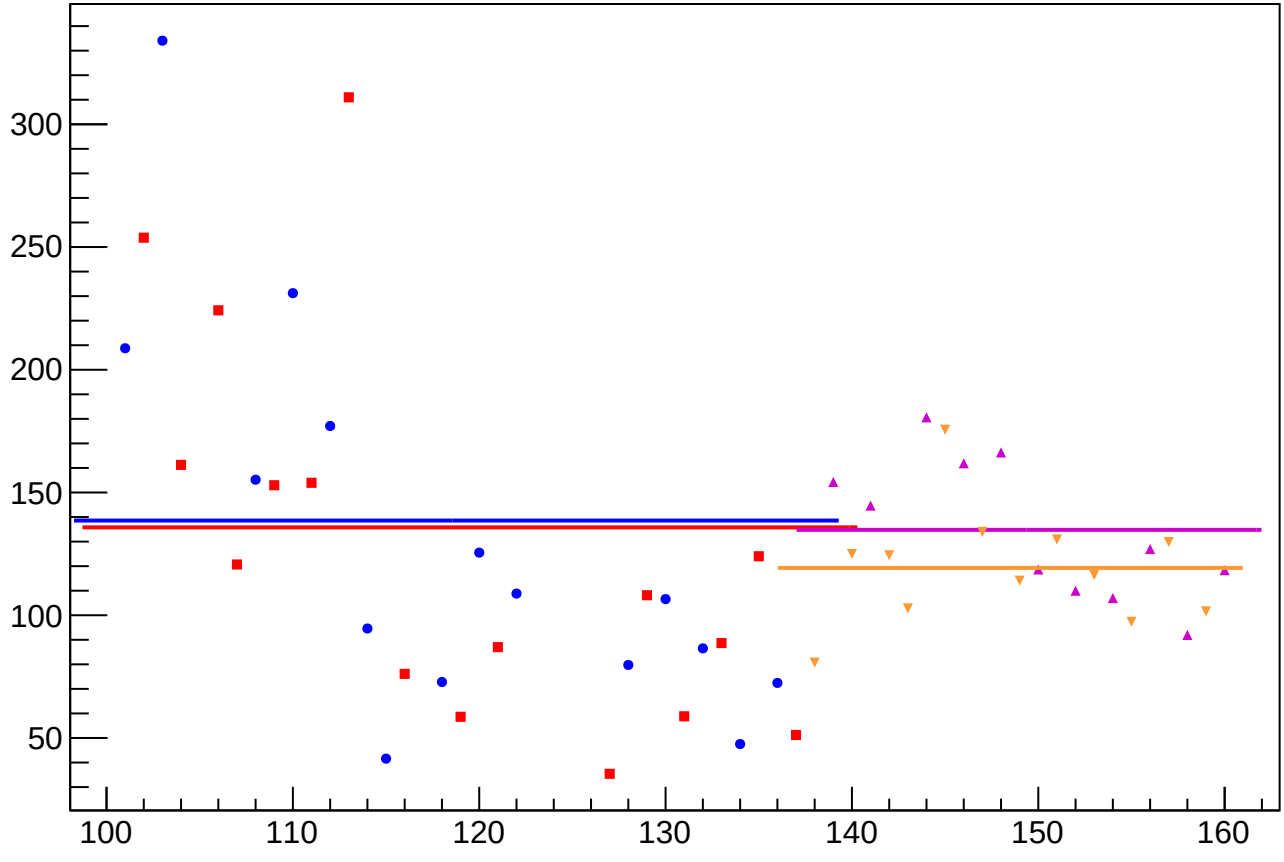
Left In: 6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10

+ 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

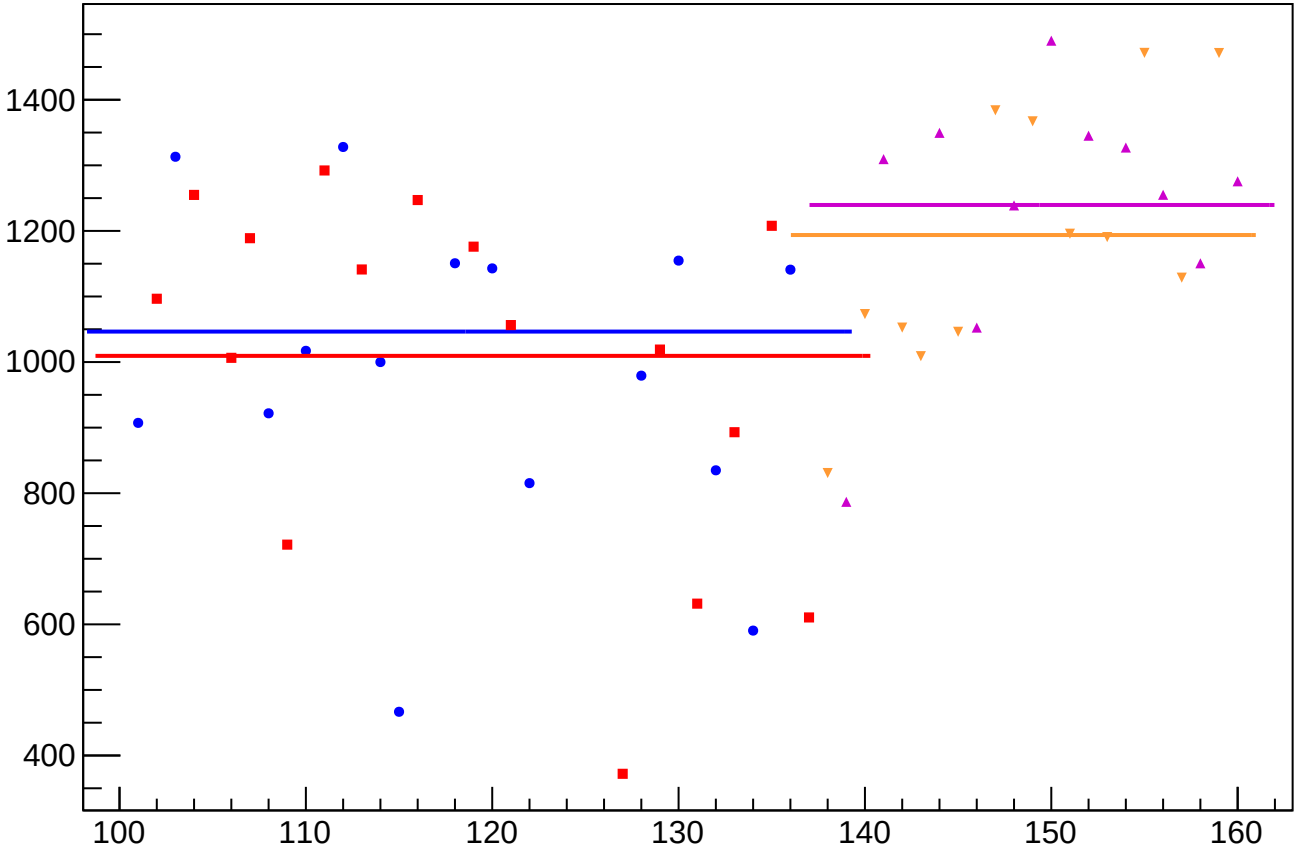
All: 131.289+/-0.000 χ^2/NDF: 95675897587 3

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

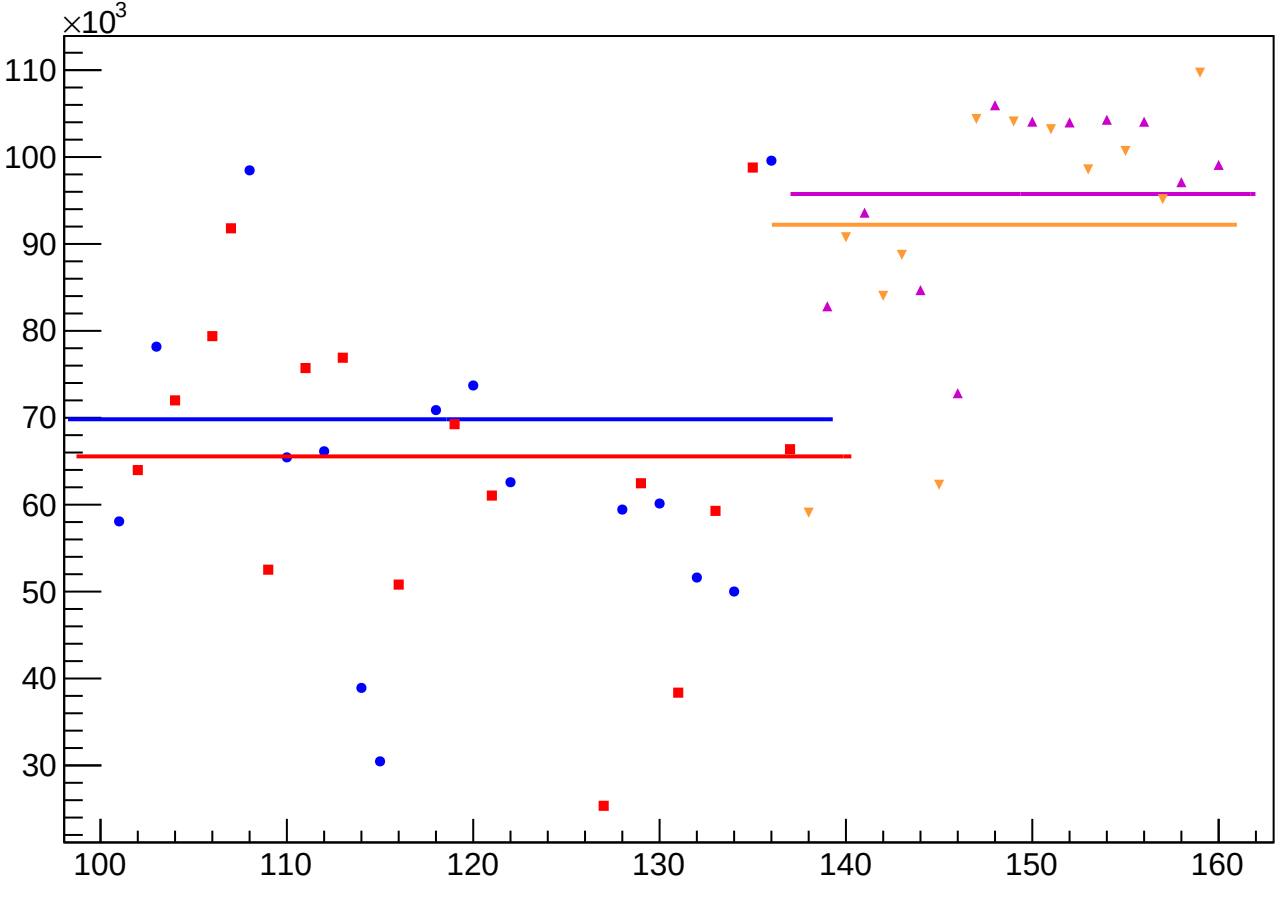
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ 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

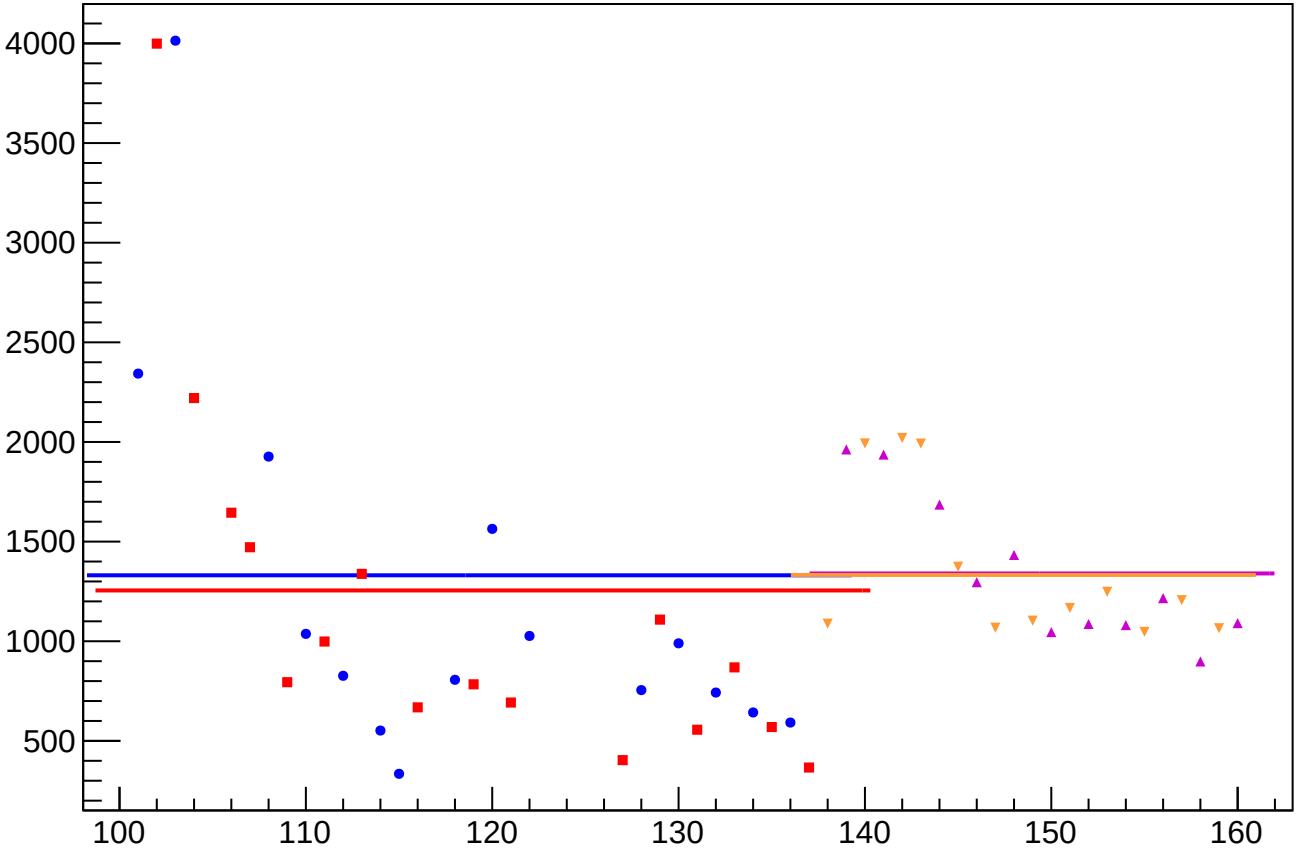
Left In: 95749.411+/-0.000 χ^2/NDF:1023767618815302714273402847386938260848 64.0/10

+ sign 82916.711+/-0.000 χ^2/NDF: 6045168976255

All: 83004.616+/-0.000 χ^2/NDF: 1272083143

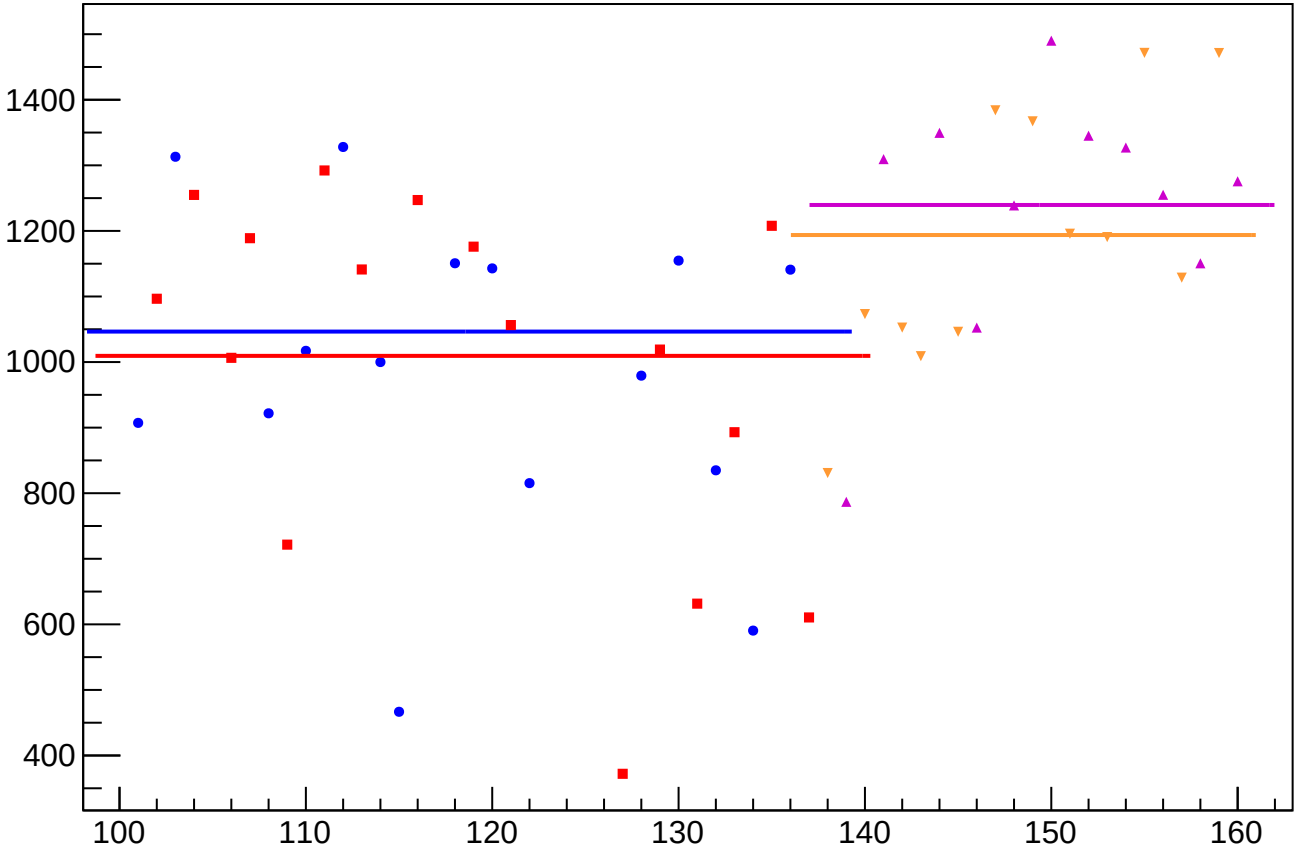
- sign 83090.974+/-0.000 χ^2/NDF: 6675423024903

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

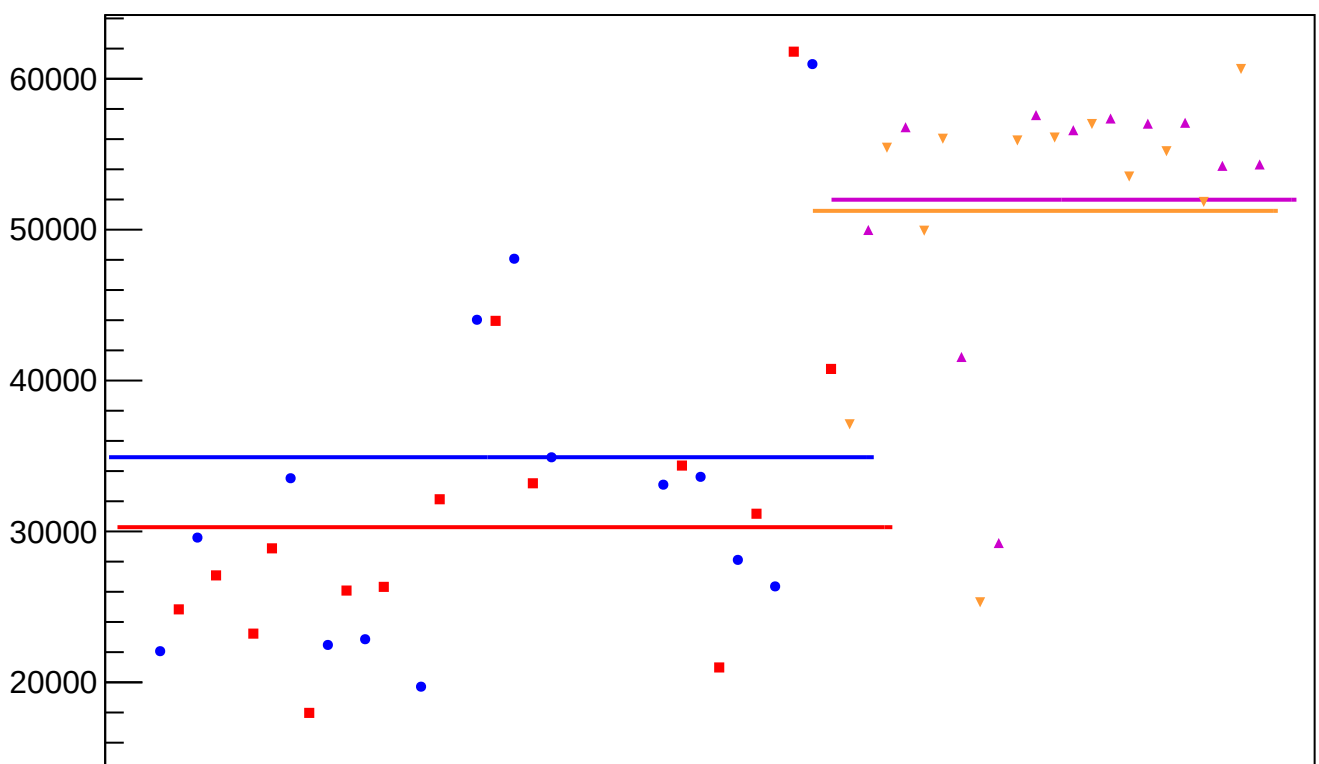
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ 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

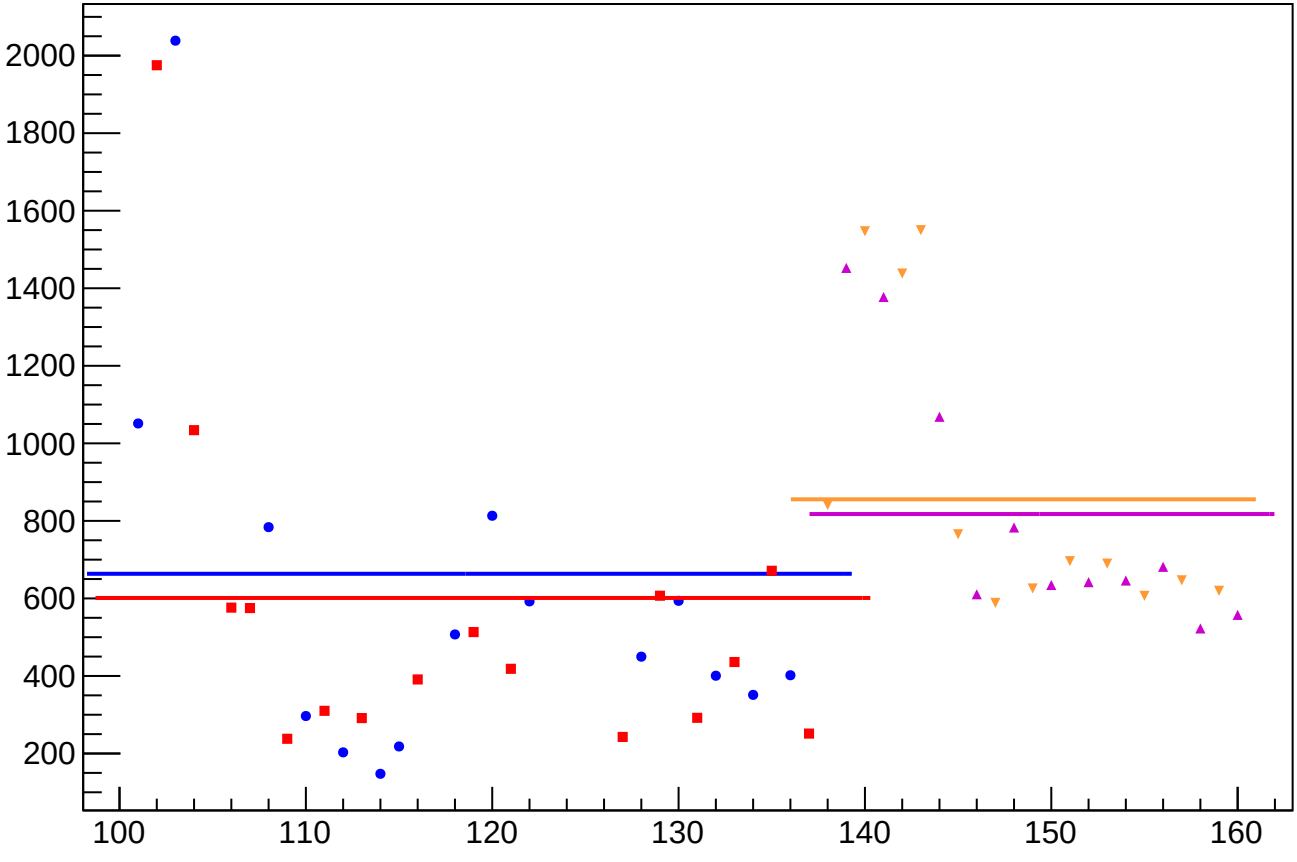
Left In: 51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

+ sign 44467.216+/-0.000 χ^2/NDF: 2937224586407

All: 43669.971+/-0.000 χ^2/NDF: 6336704207

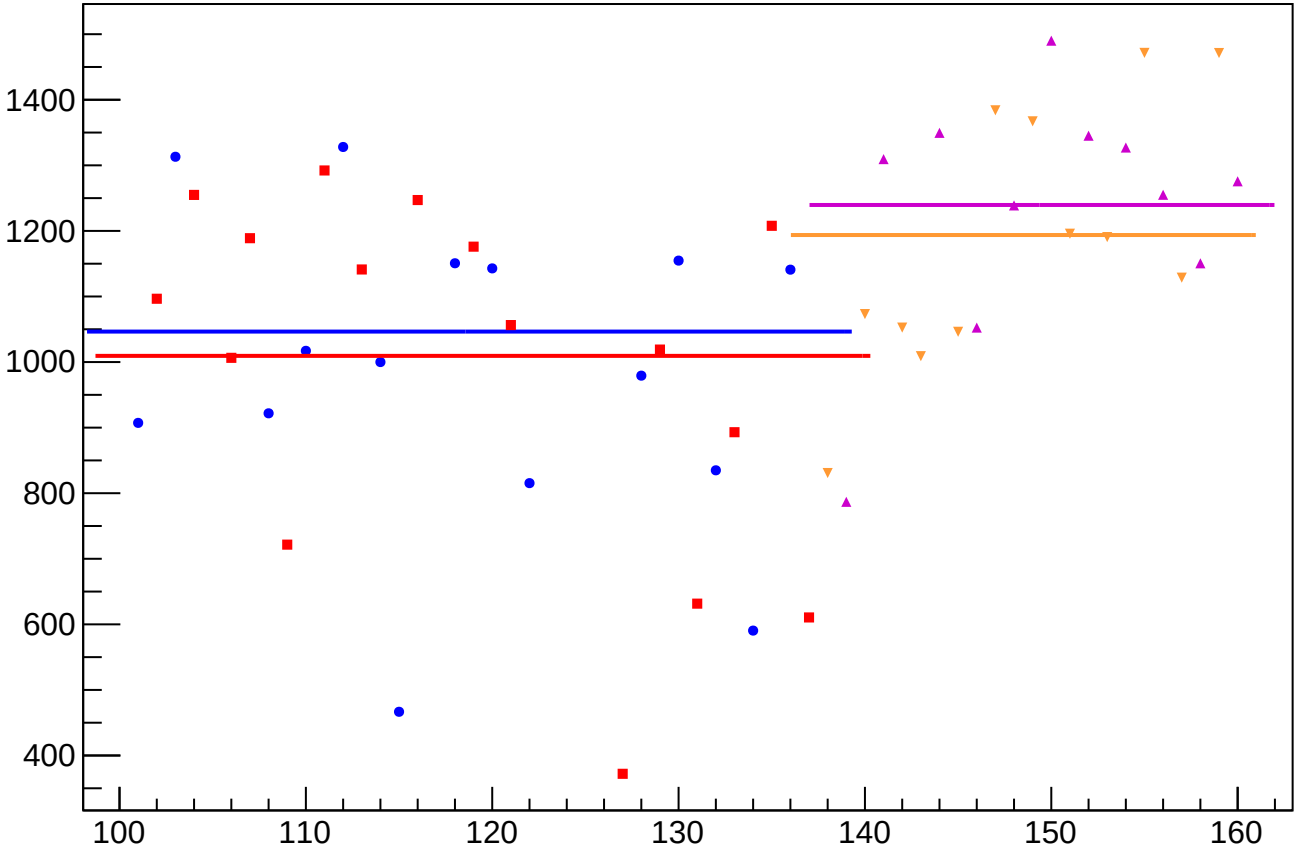
- sign 42886.756+/-0.000 χ^2/NDF: 3379785593938

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

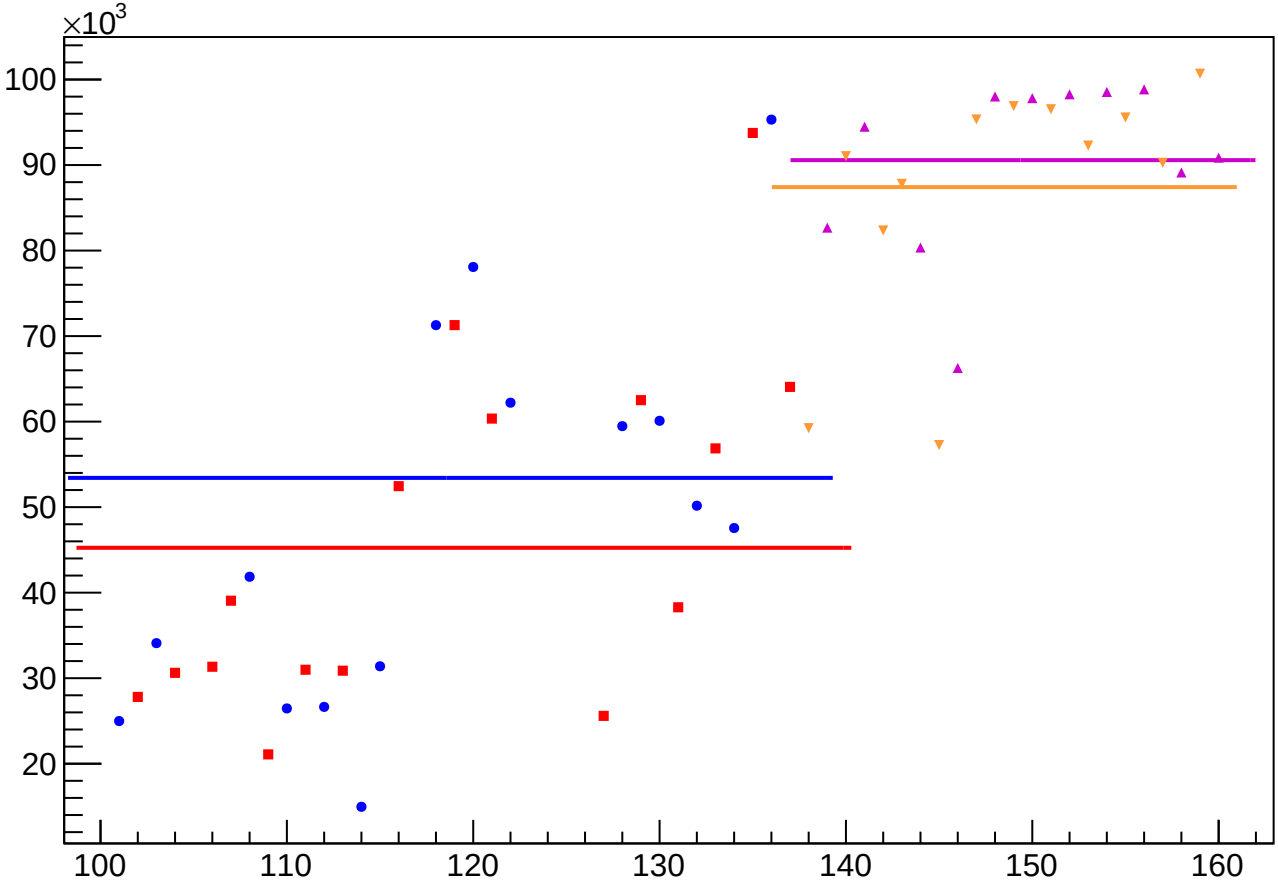
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ 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

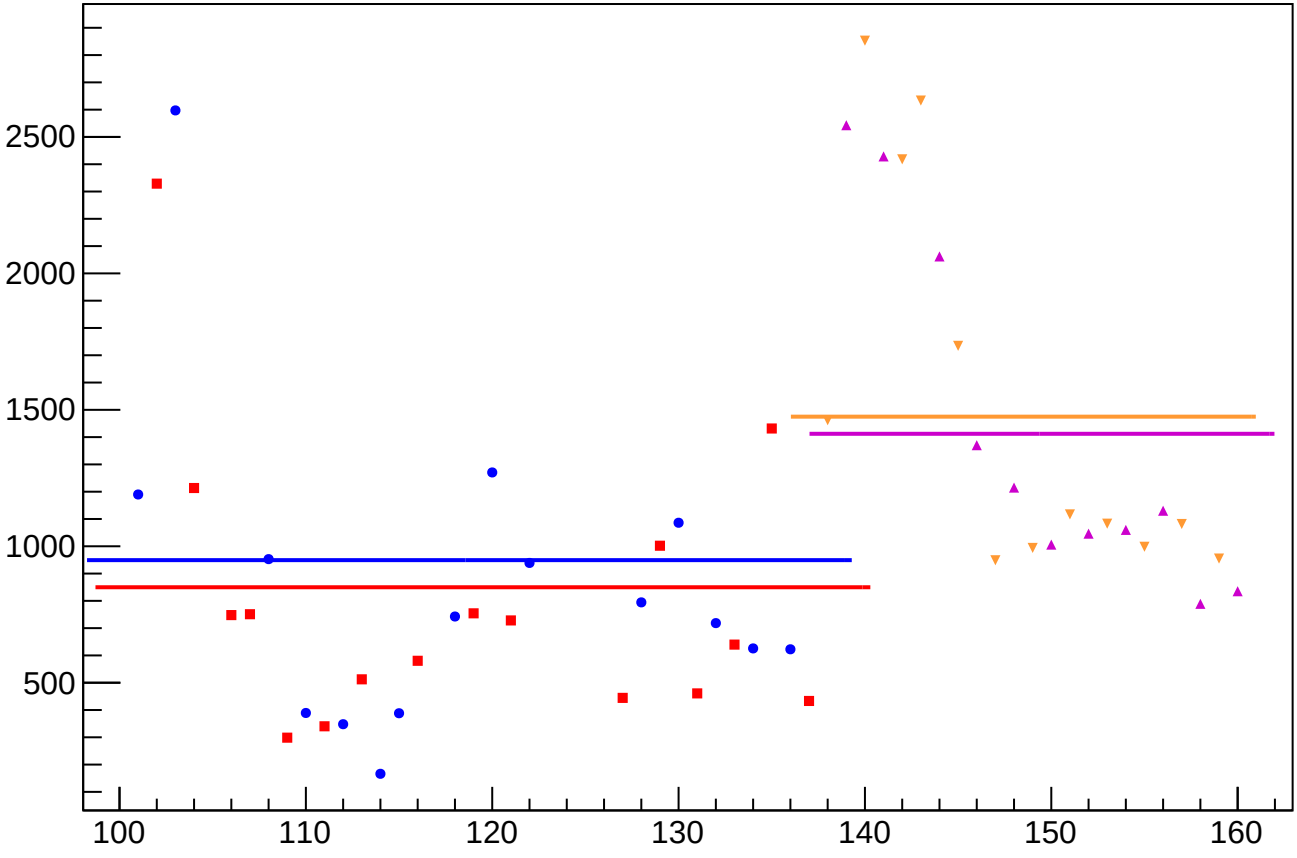
All: 72430.299+/-0.000 χ^2/NDF: 2150195804

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

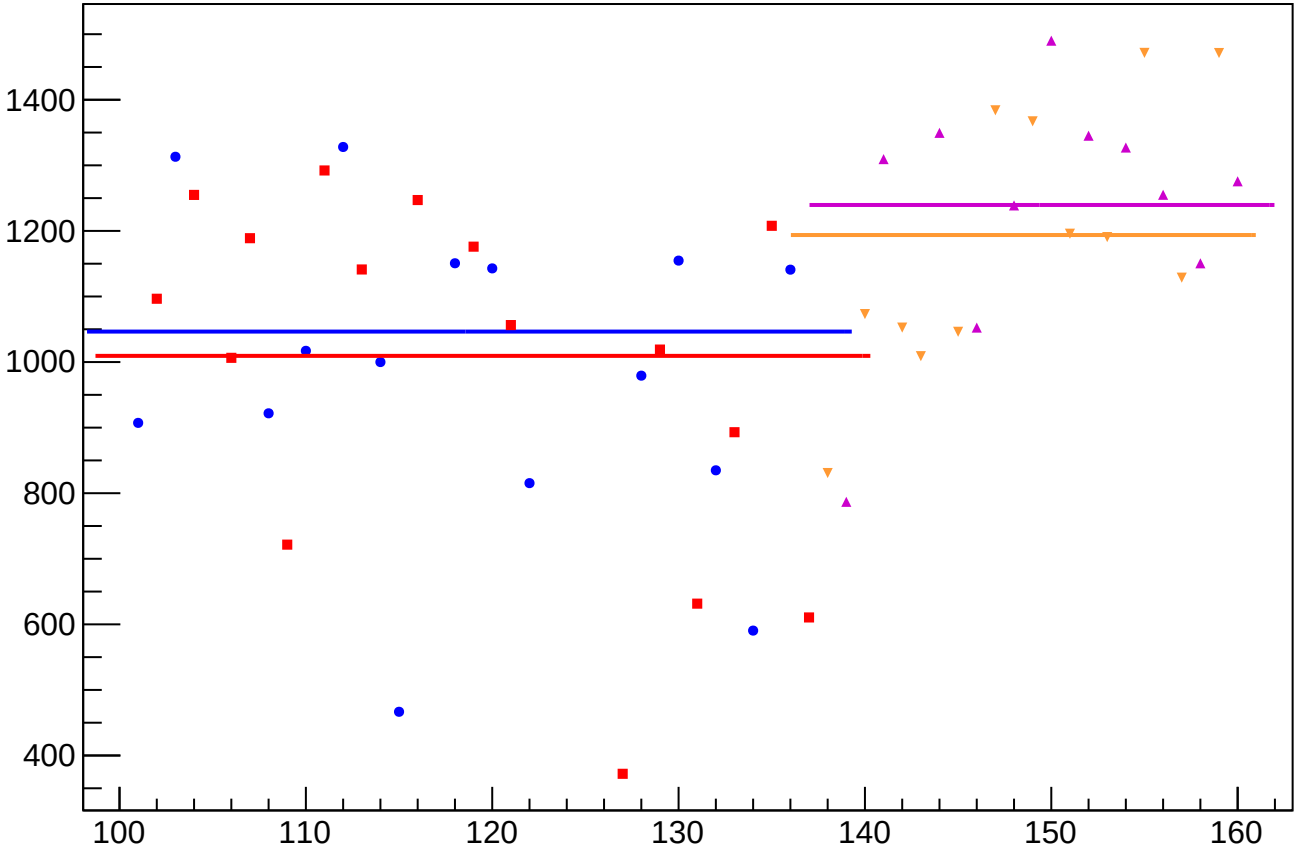
All: 1216.192+/-0.000 χ^2/NDF: 1403124317 1

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

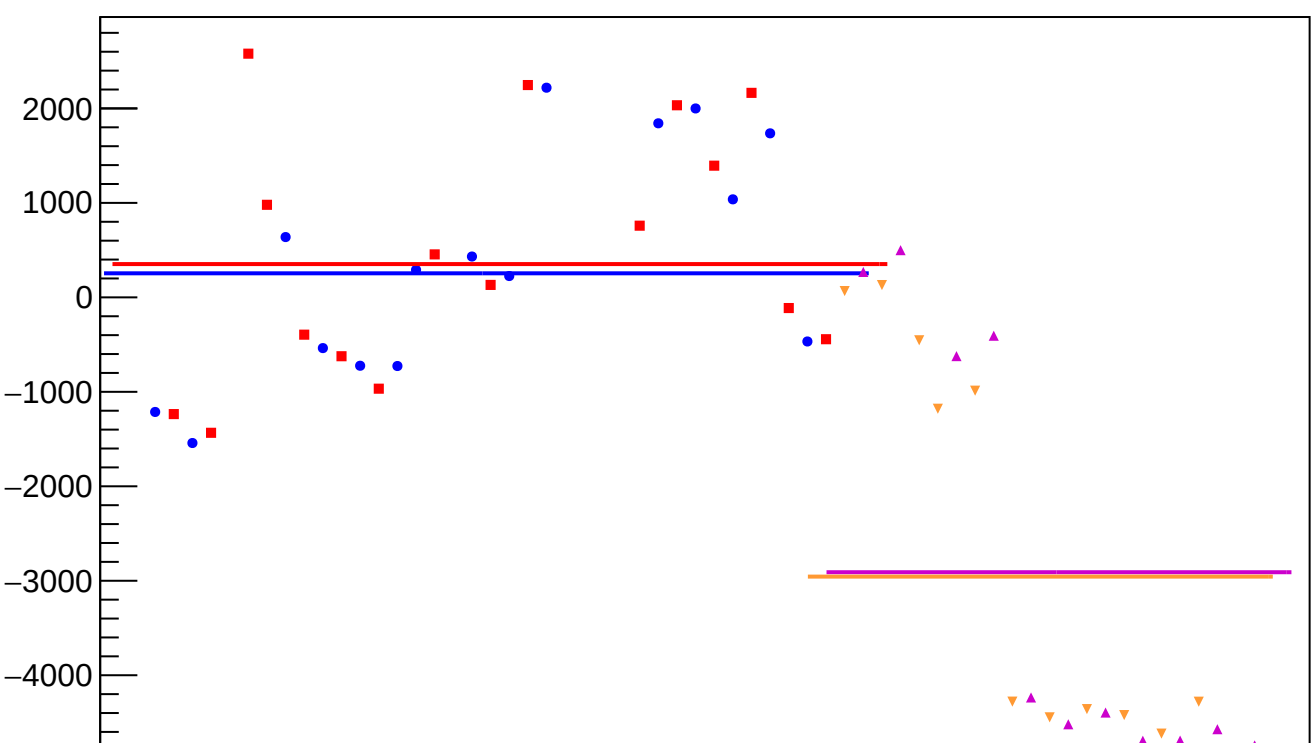
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1132.590+/-0.000 χ^2/NDF: 6748264807644 1

All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

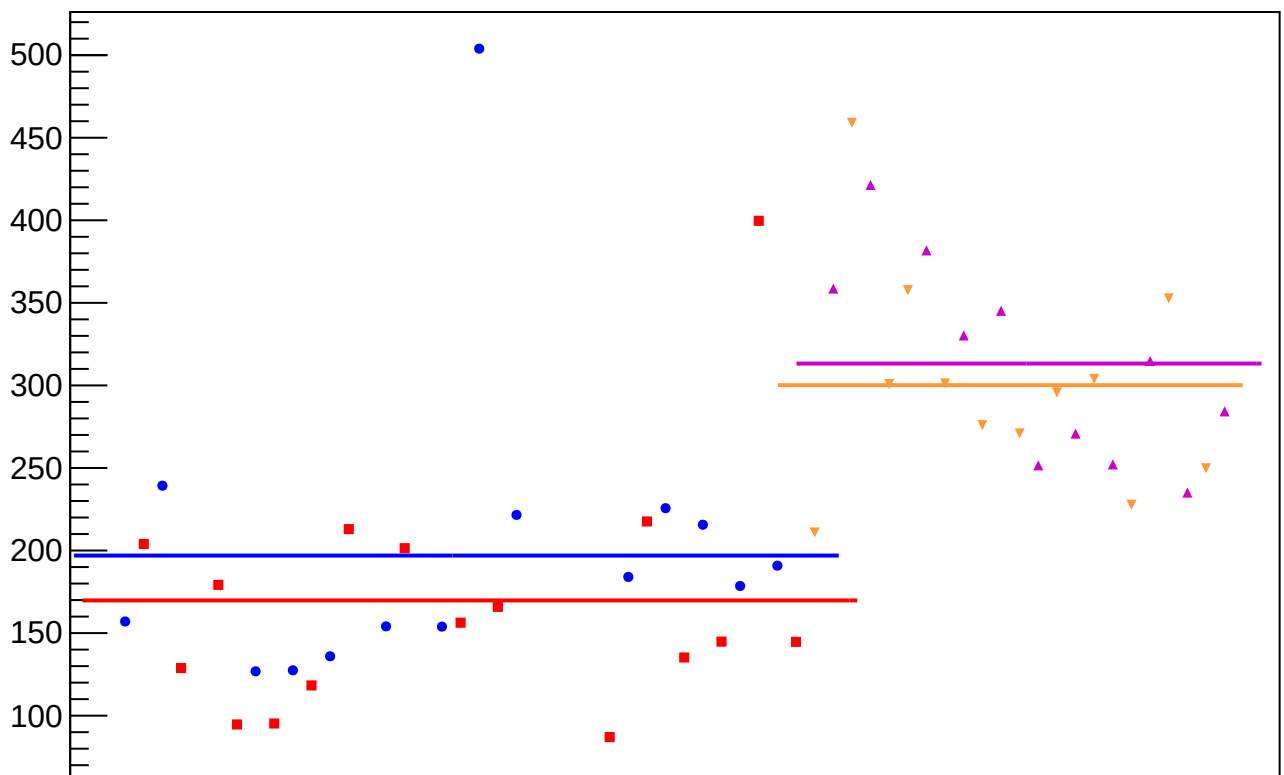
- sign 1143.084+/-0.000 χ^2/NDF: 9423011957203 0

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

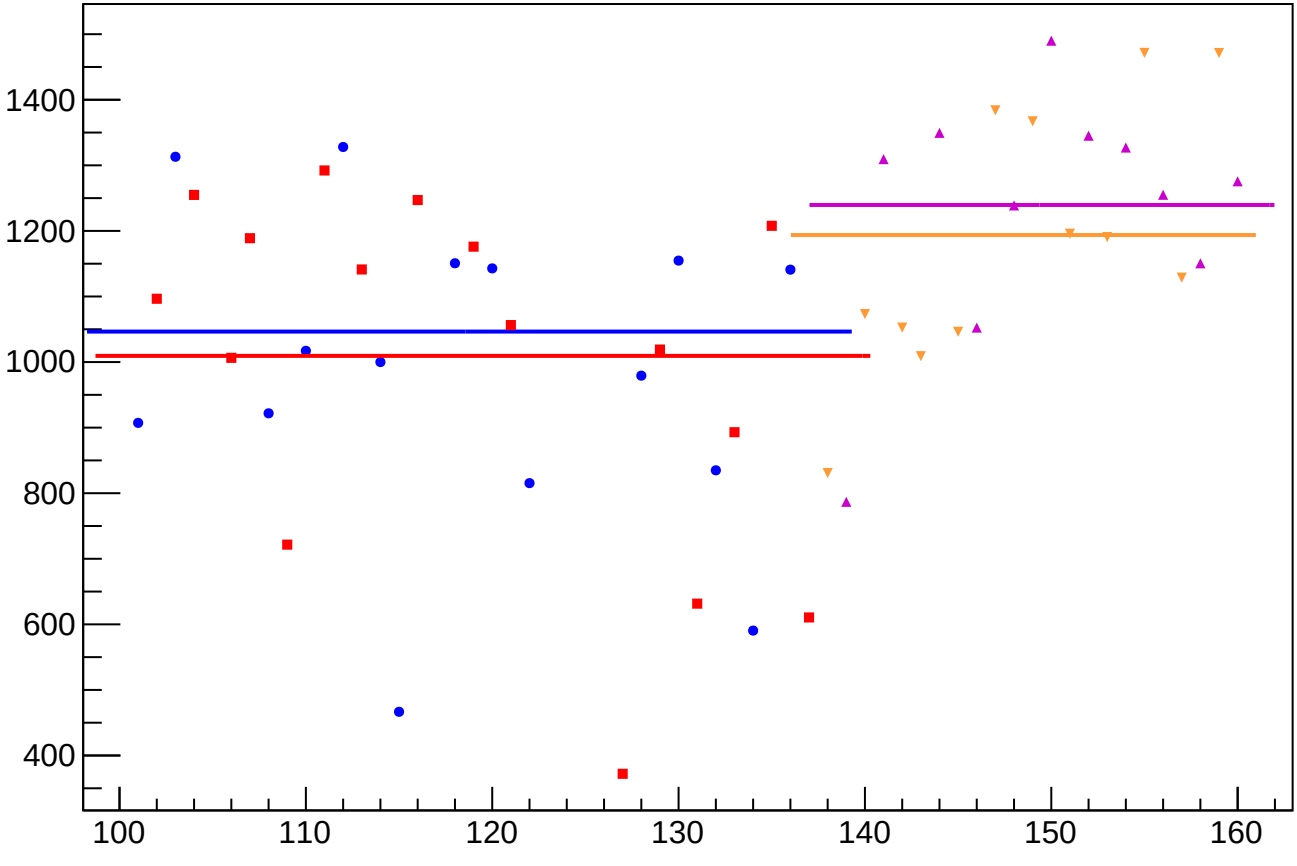
Left In: 313.228+/-0.000 χ^2/NDF:307906170184356071477452976814240563 2.0/10

+ 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

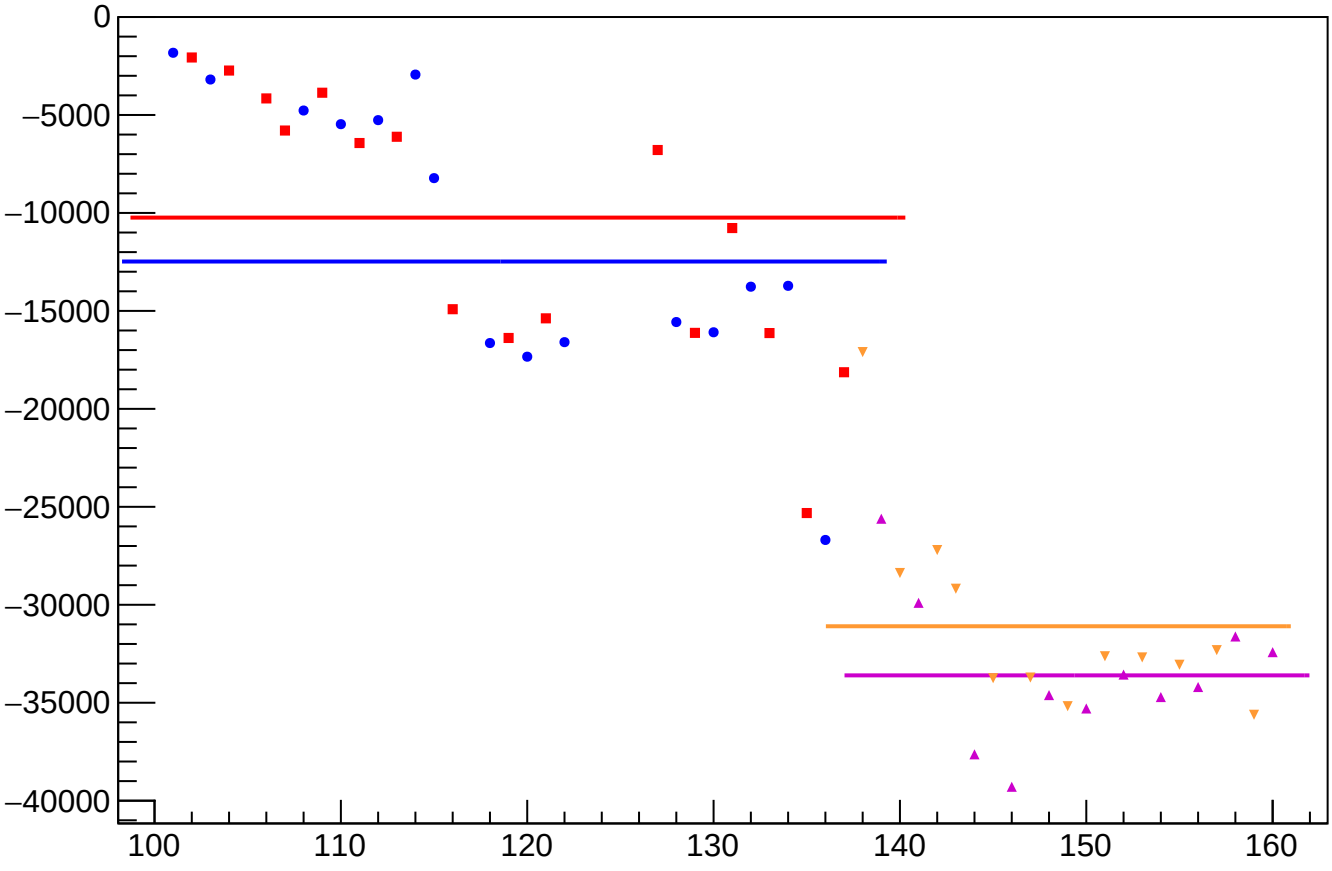
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ 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

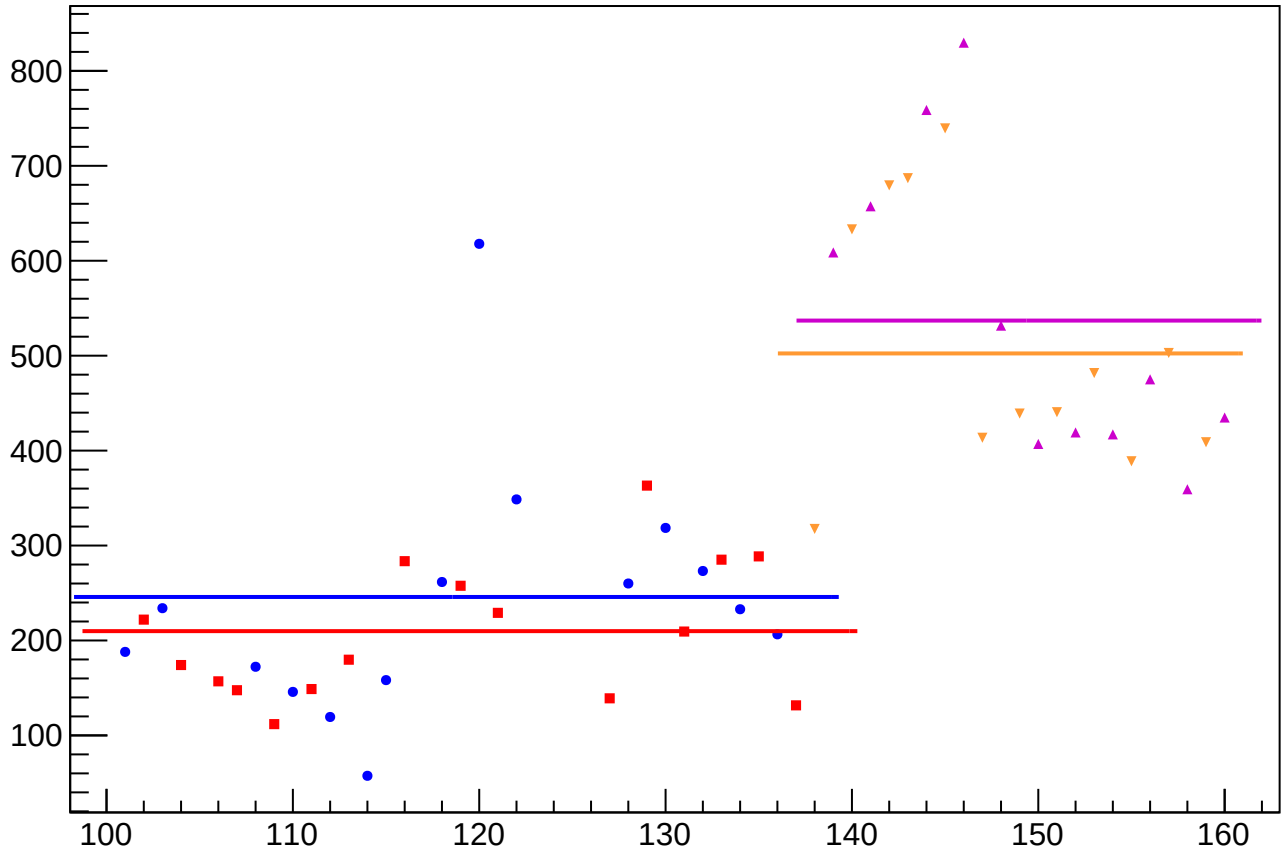
All: -23588.925+/-0.000 χ^2/NDF: 448707023

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

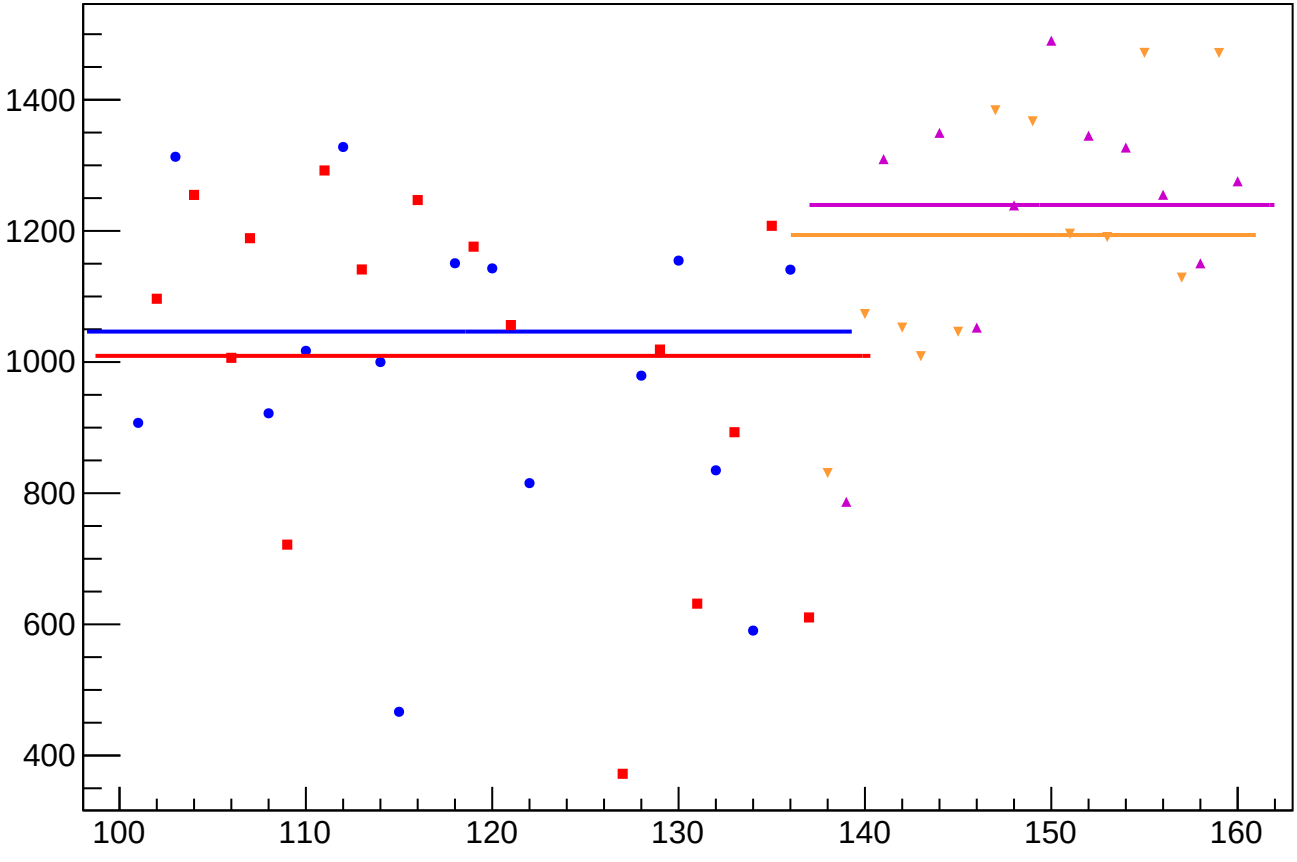
Left In: 536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

+ 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

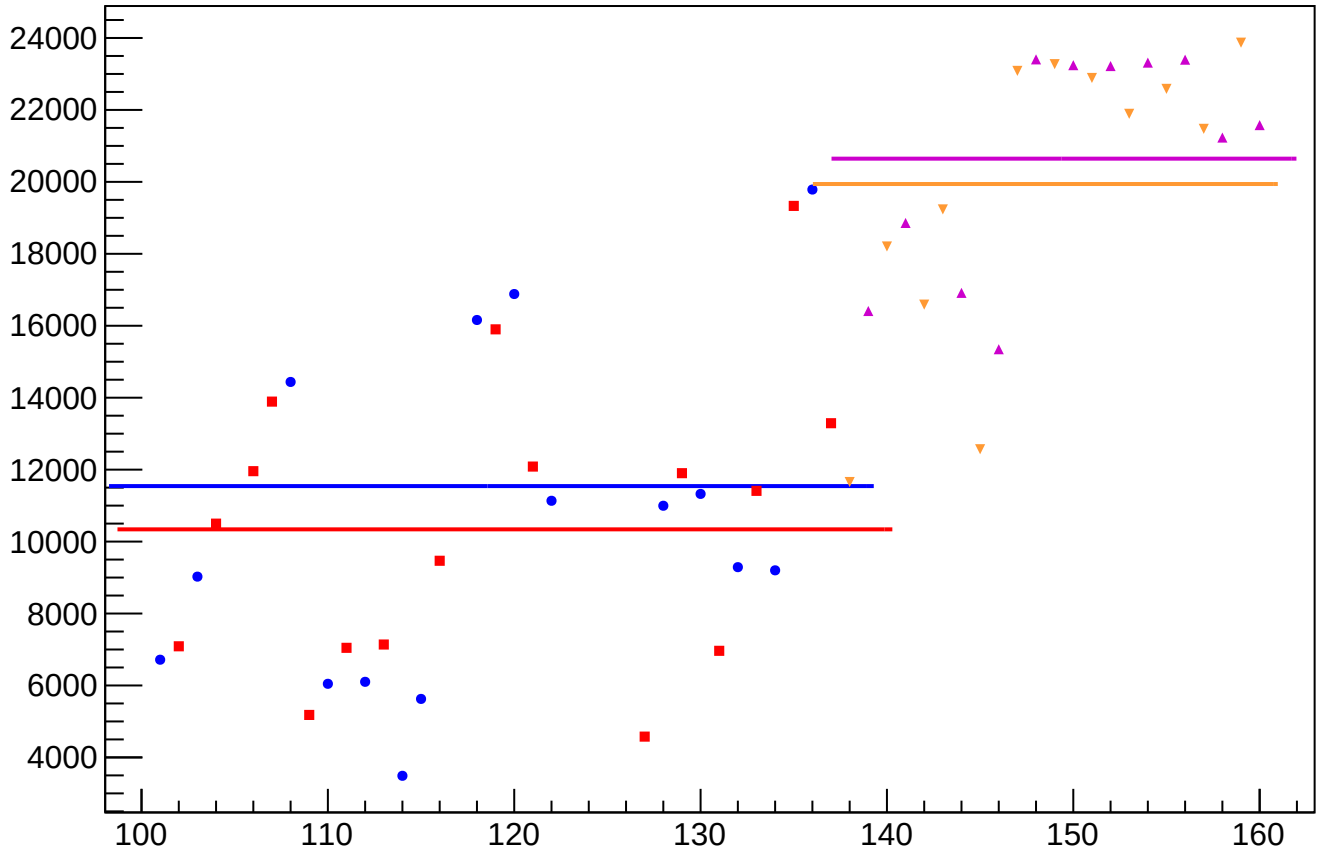
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ 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

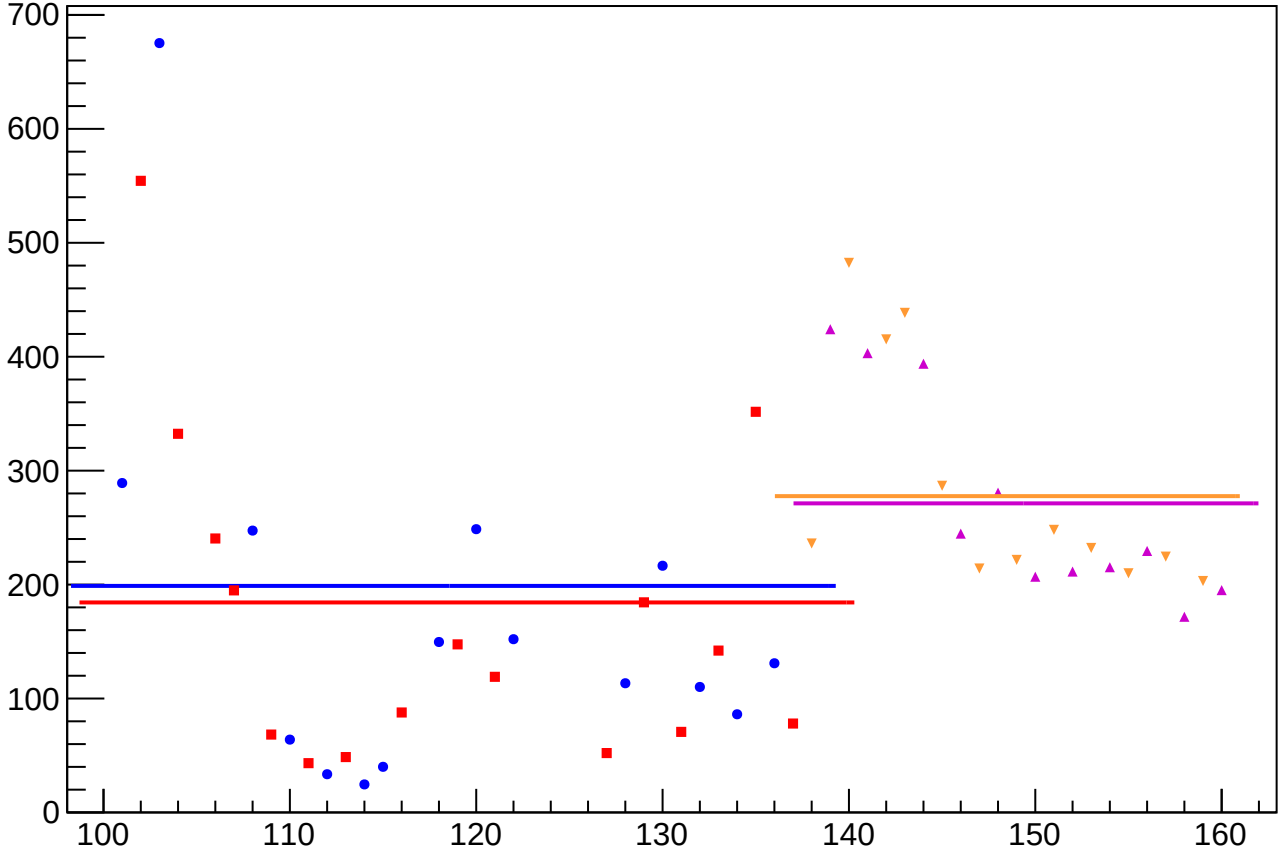
All: 16388.663+/-0.000 χ^2/NDF: 1169361701

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

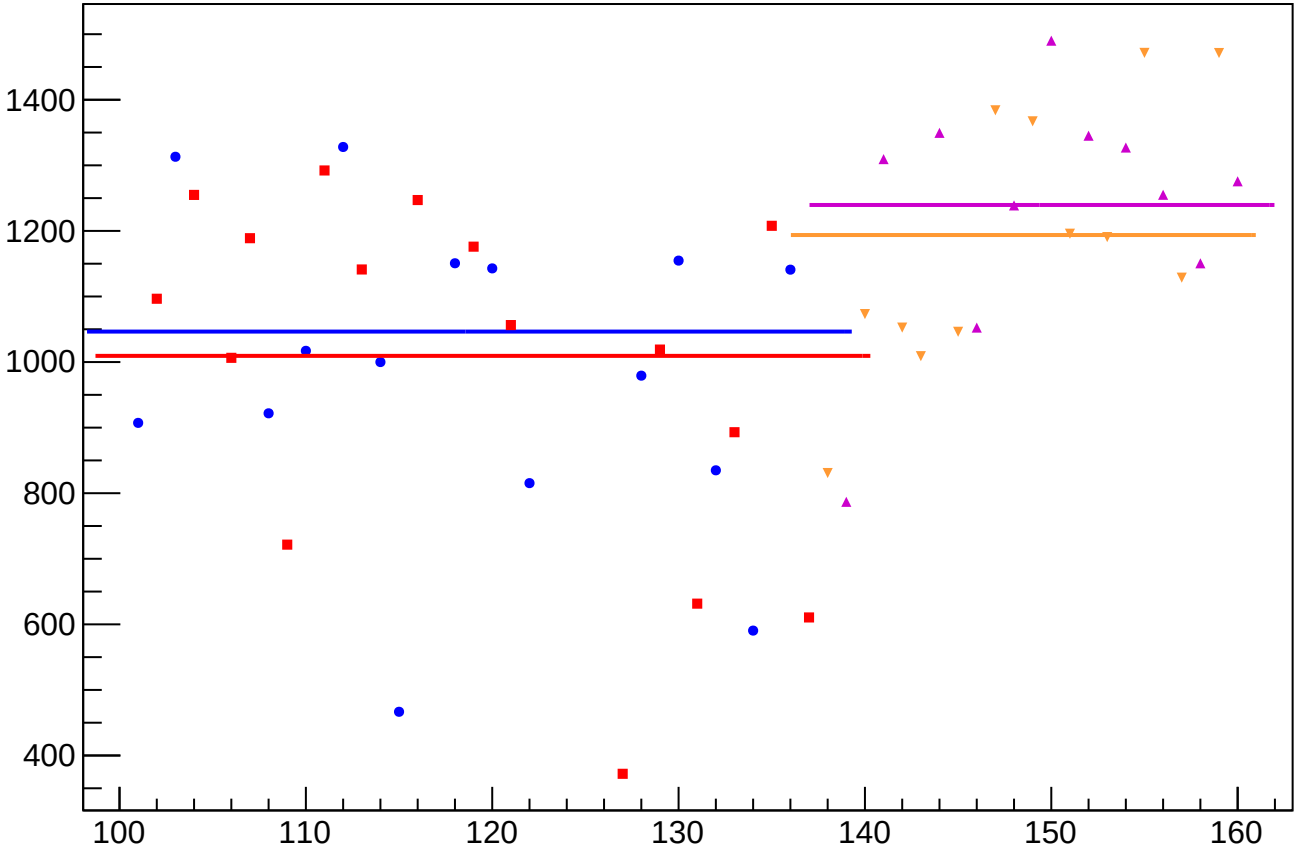
Left In: 271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10

+ 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

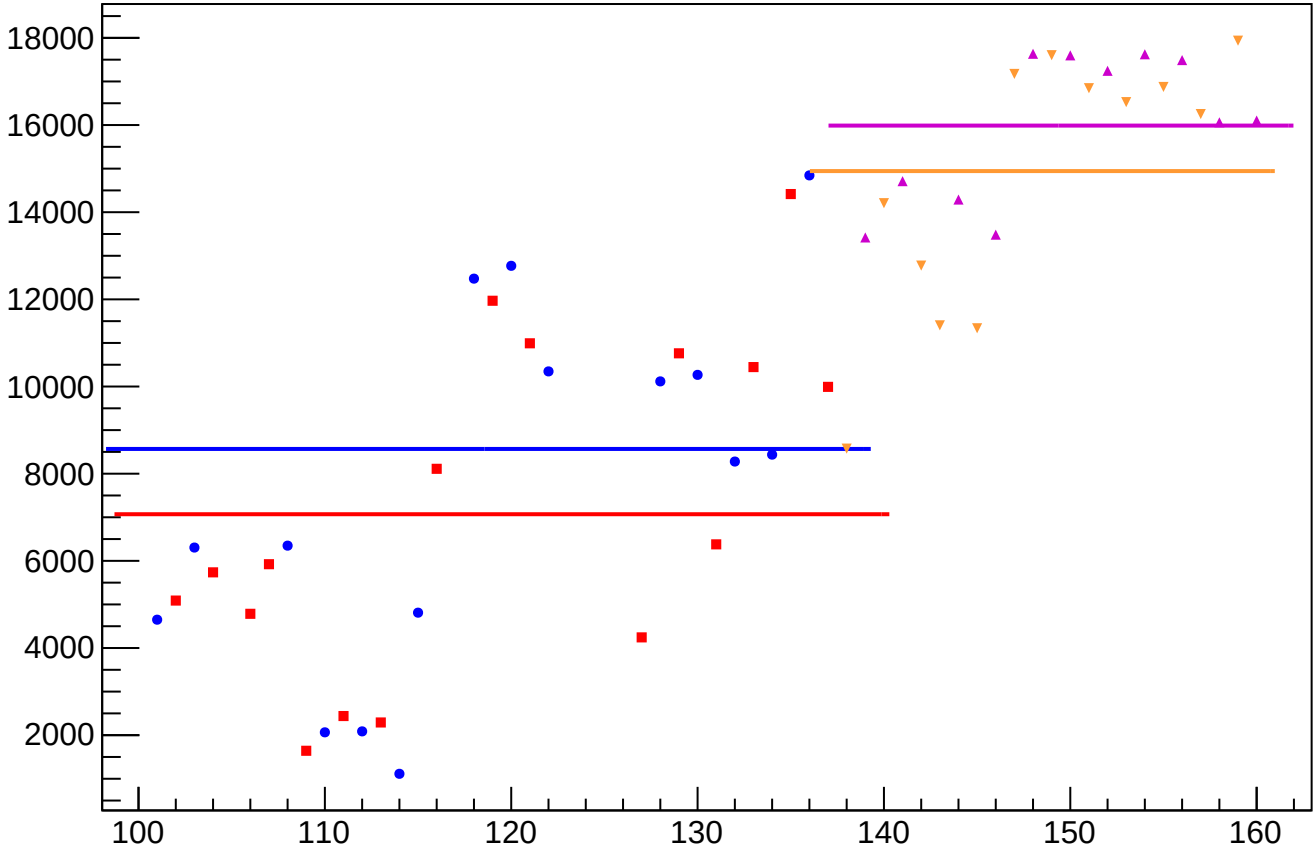
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ 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

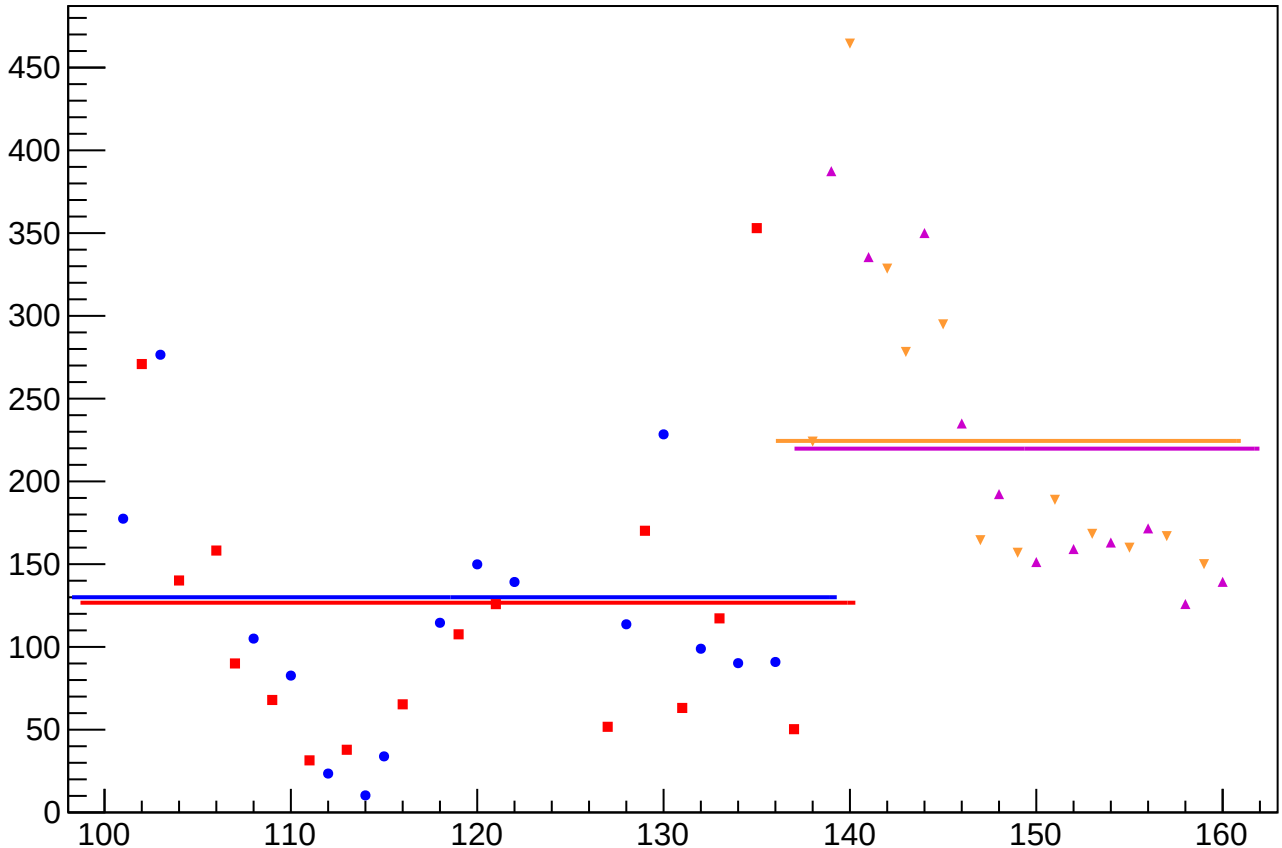
All: 12272.324+/-0.000 χ^2/NDF: 7778802513

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

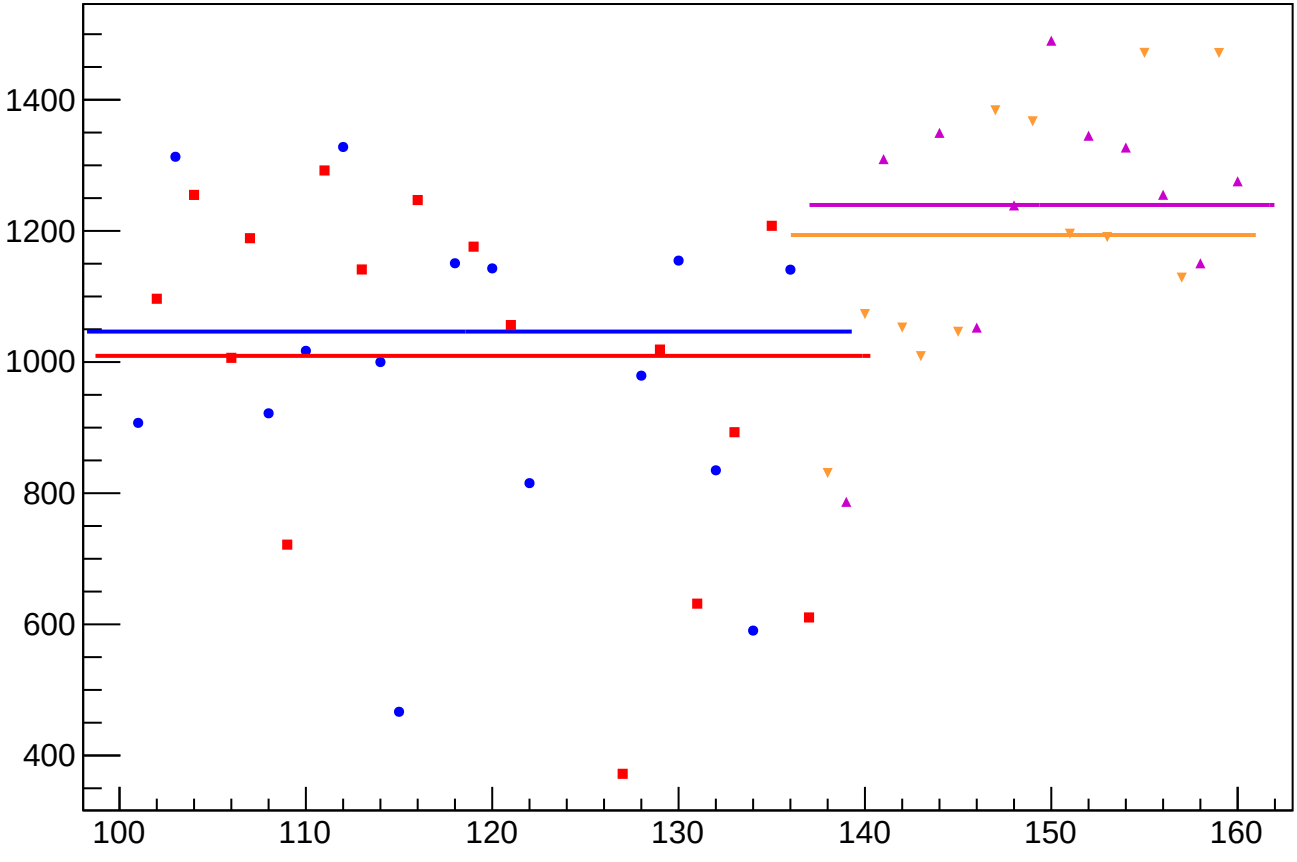
Left In: 219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10

+ 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

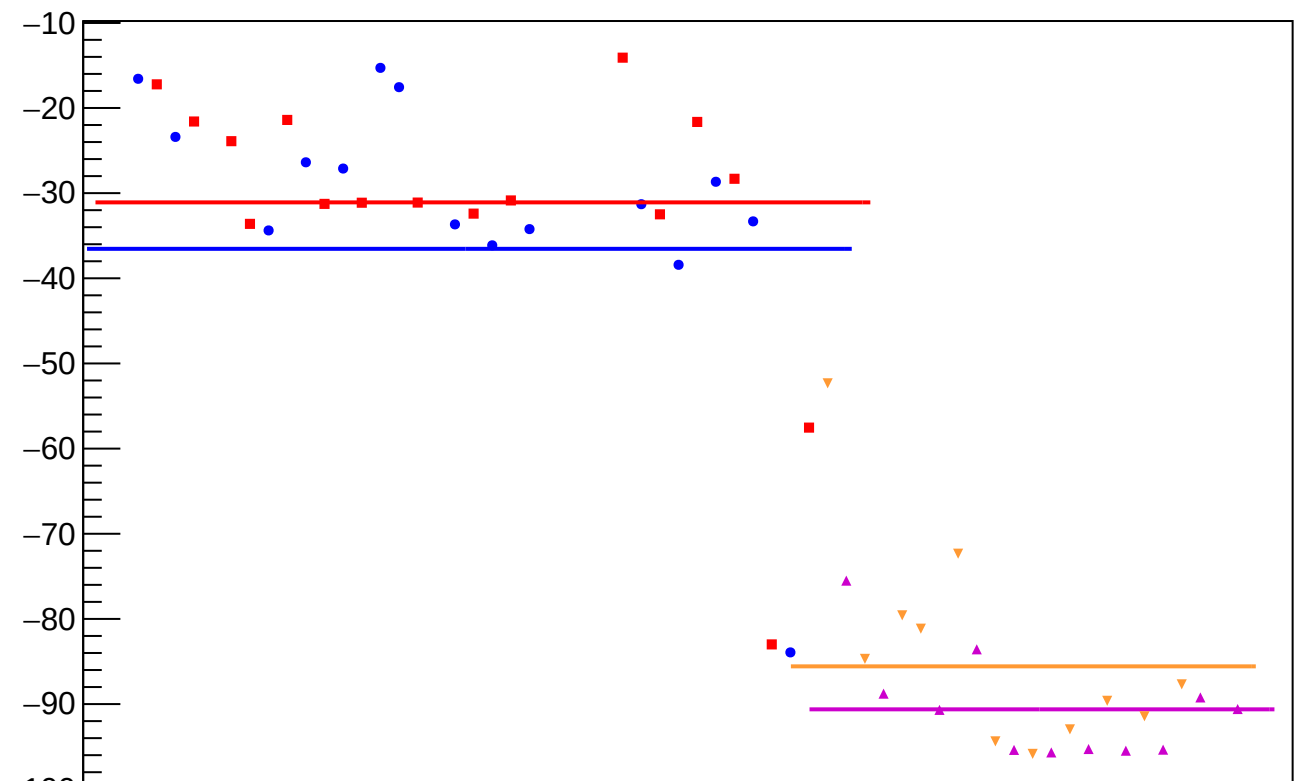
All: 1137.884+/-0.000 χ^2/NDF: 1617995991 0

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

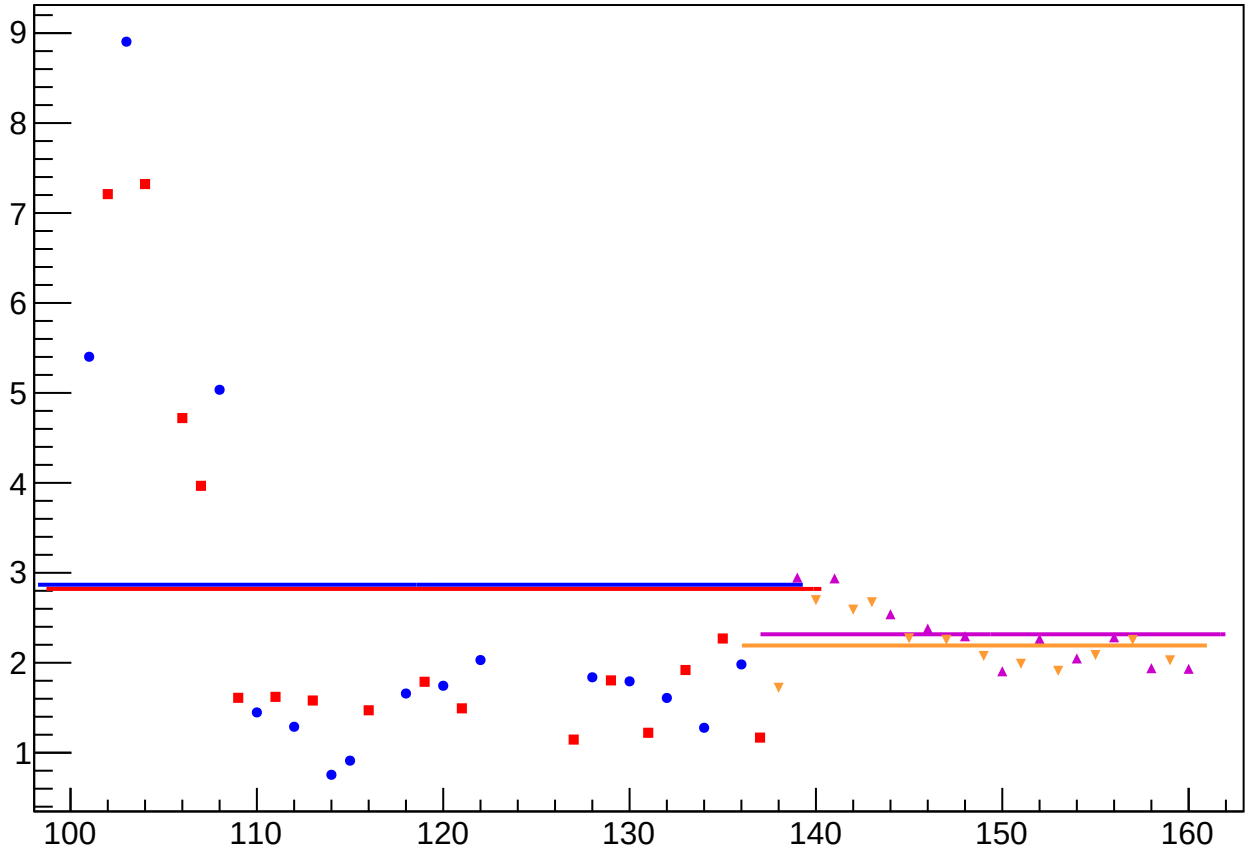
Left In: -90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10

+ 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

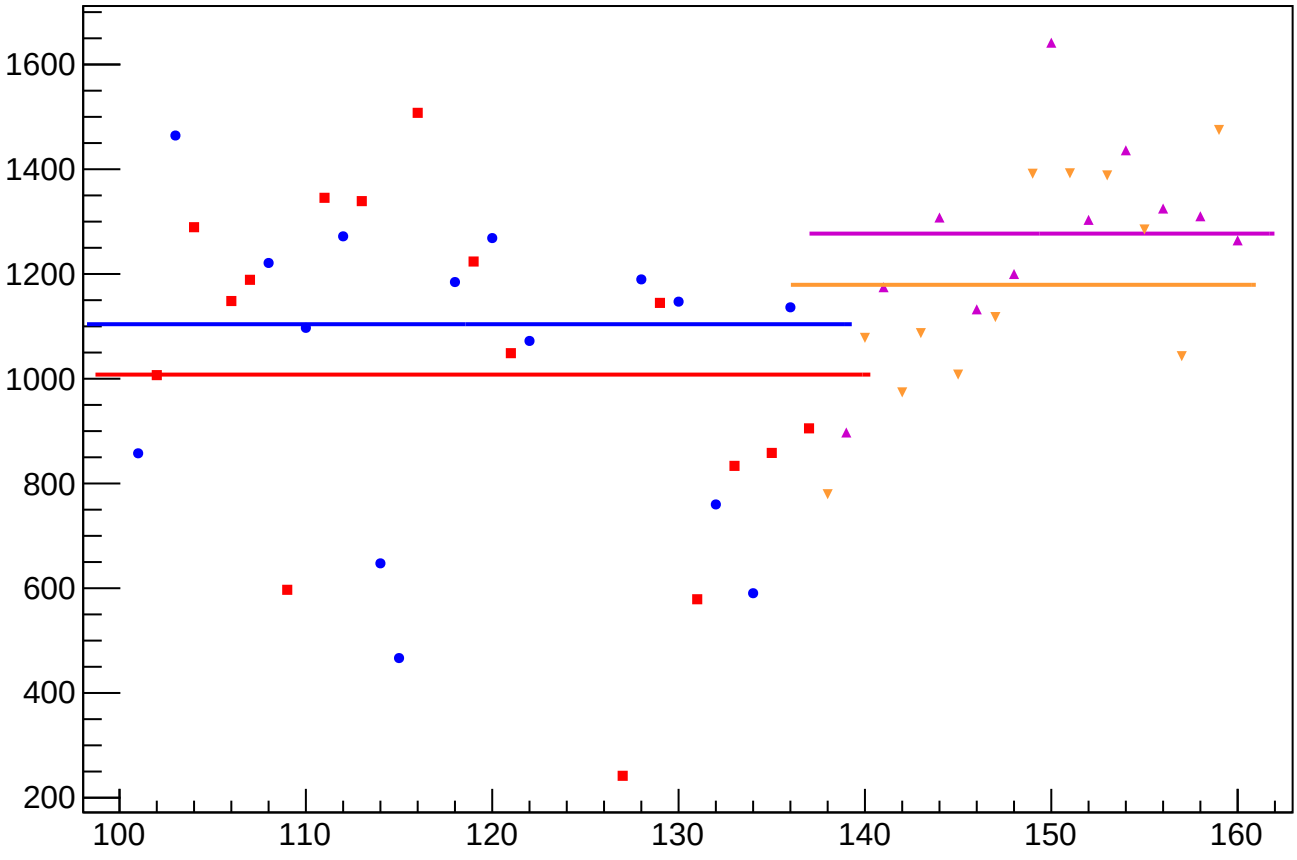
Left In: 2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

+ 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

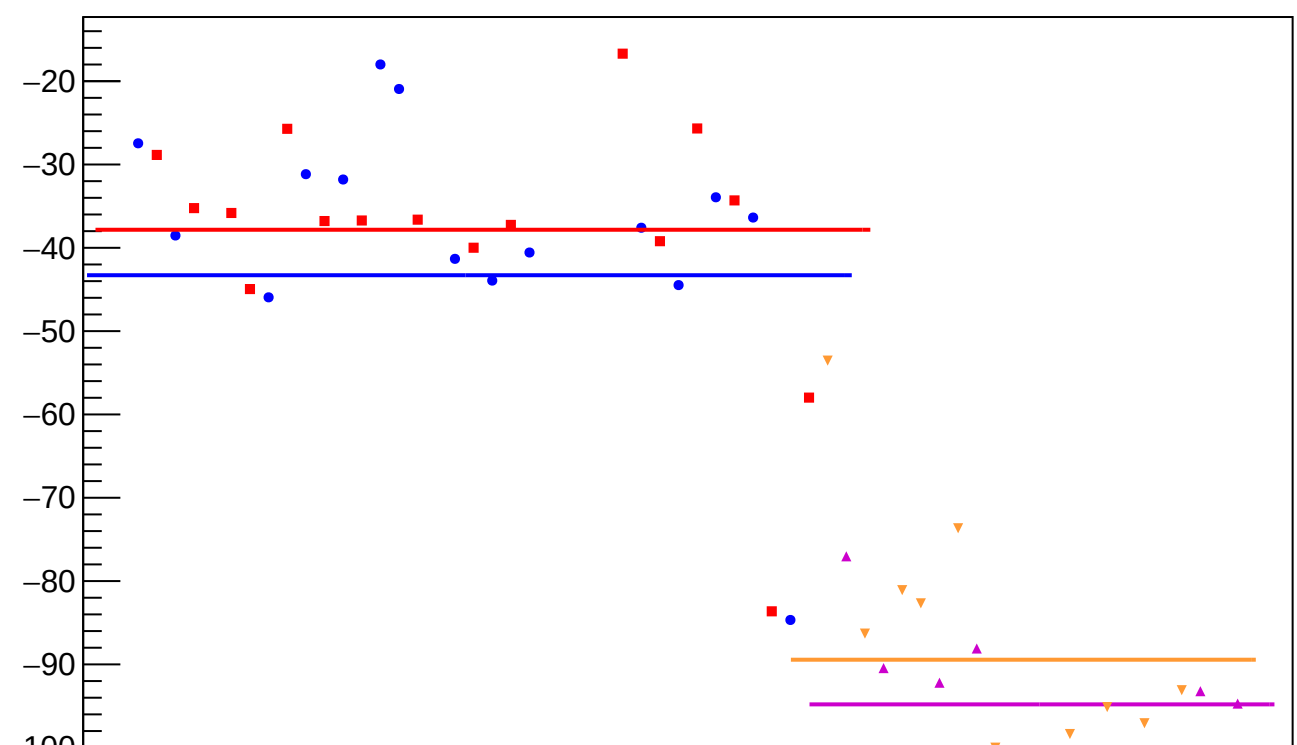
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ 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

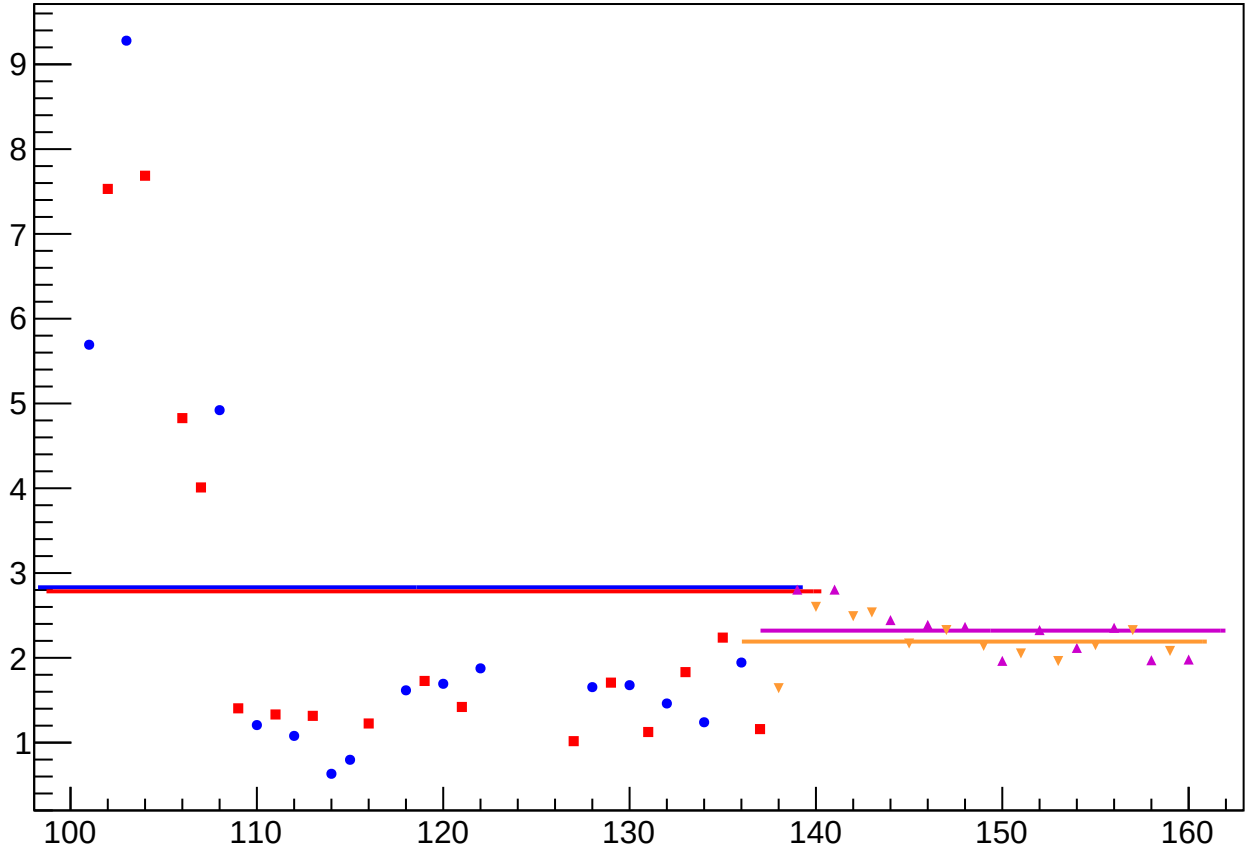
Left In: -94.799+/-0.000 χ^2/NDF:4907705003261100698215696807493632 0.0/10

+ 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

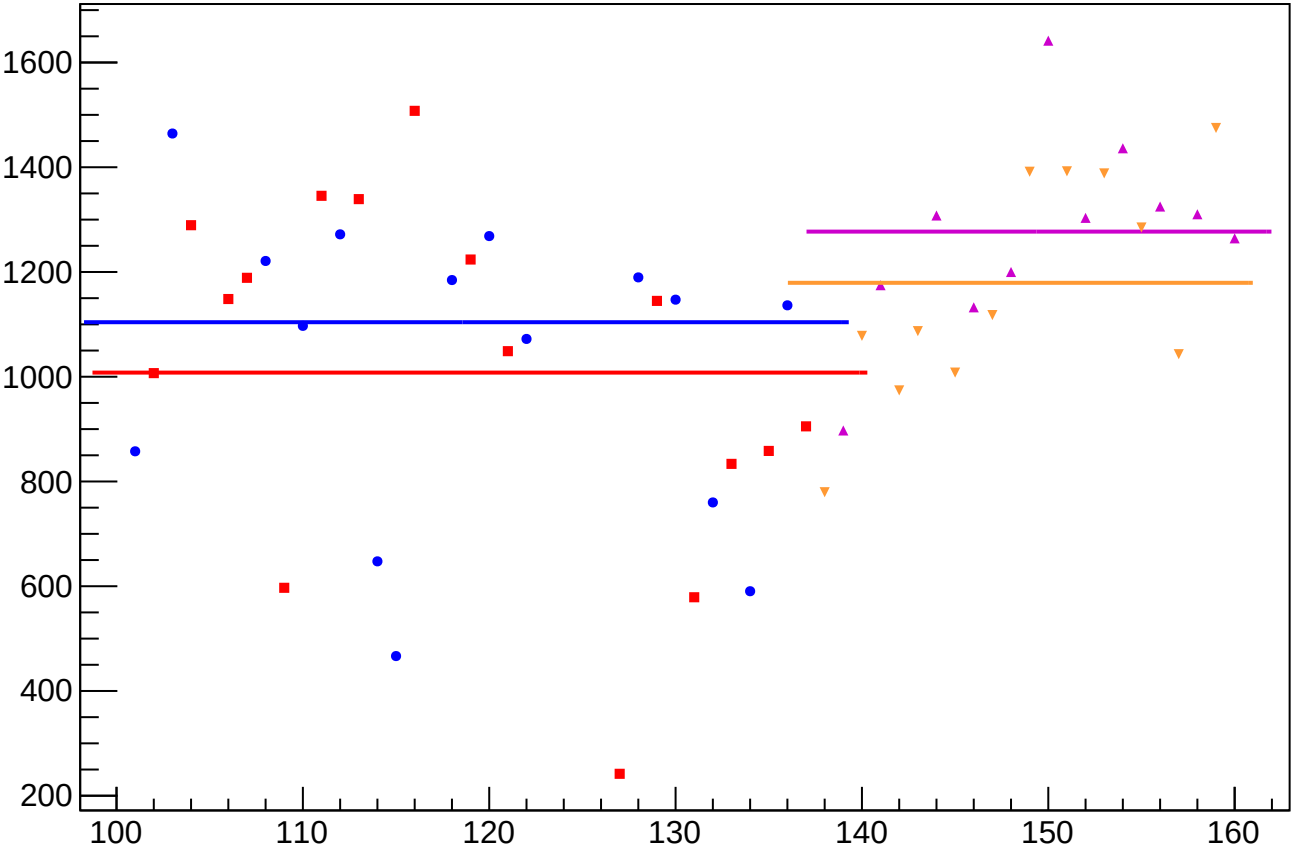
All: 2.487+/-0.000 χ^2/NDF: 7922695447655 6

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

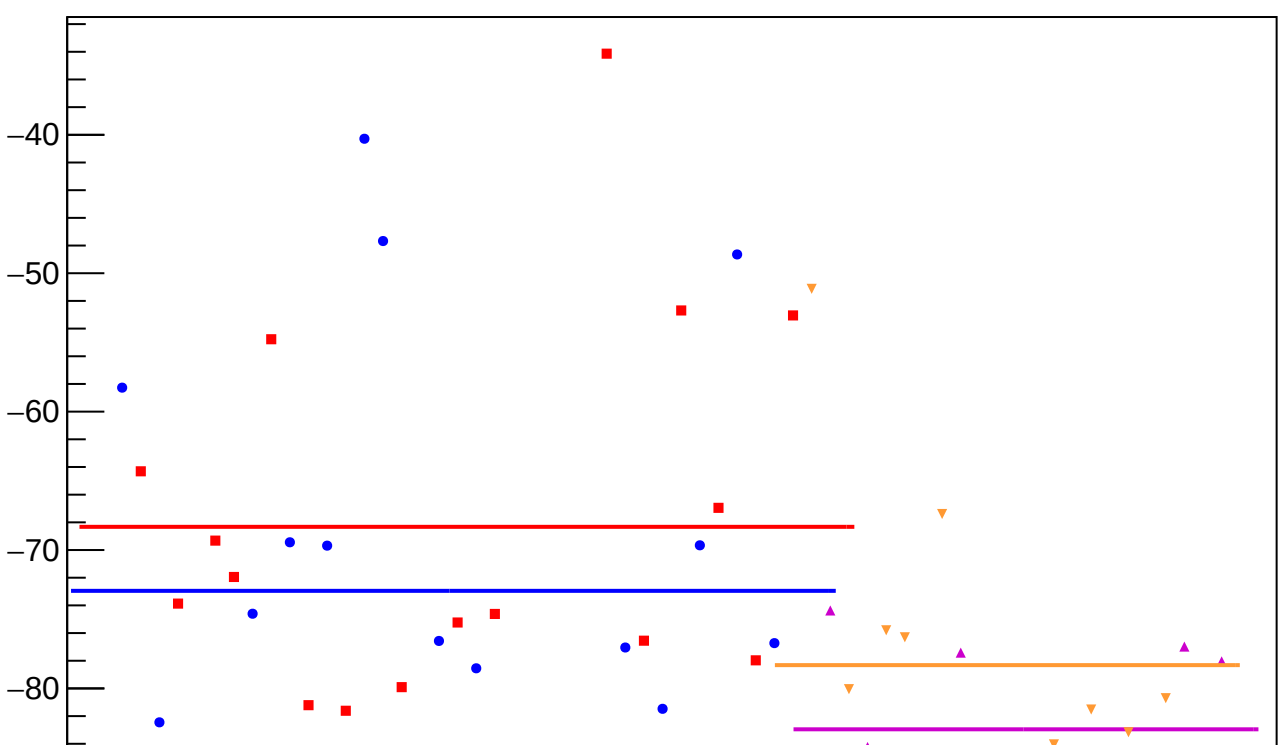
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ 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

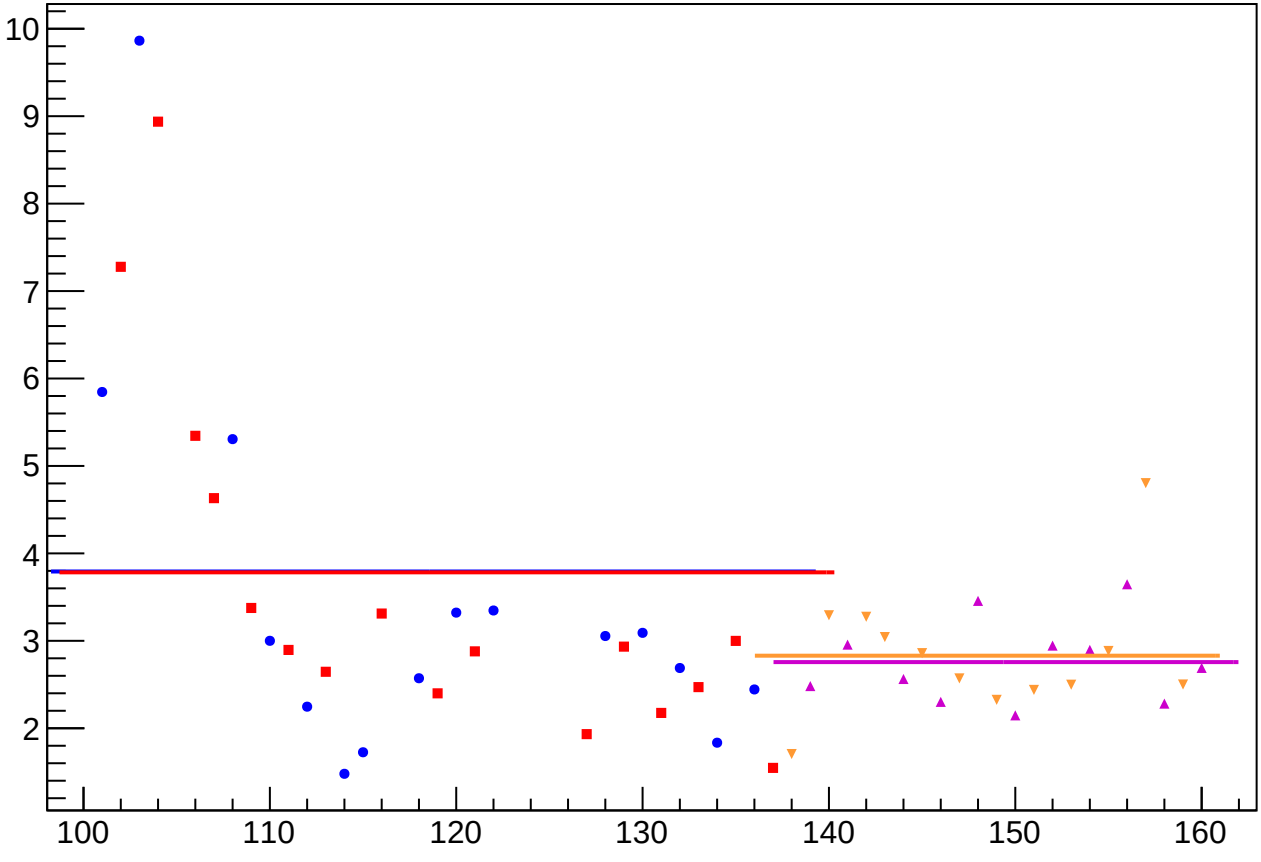
Left In: -82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

+ 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

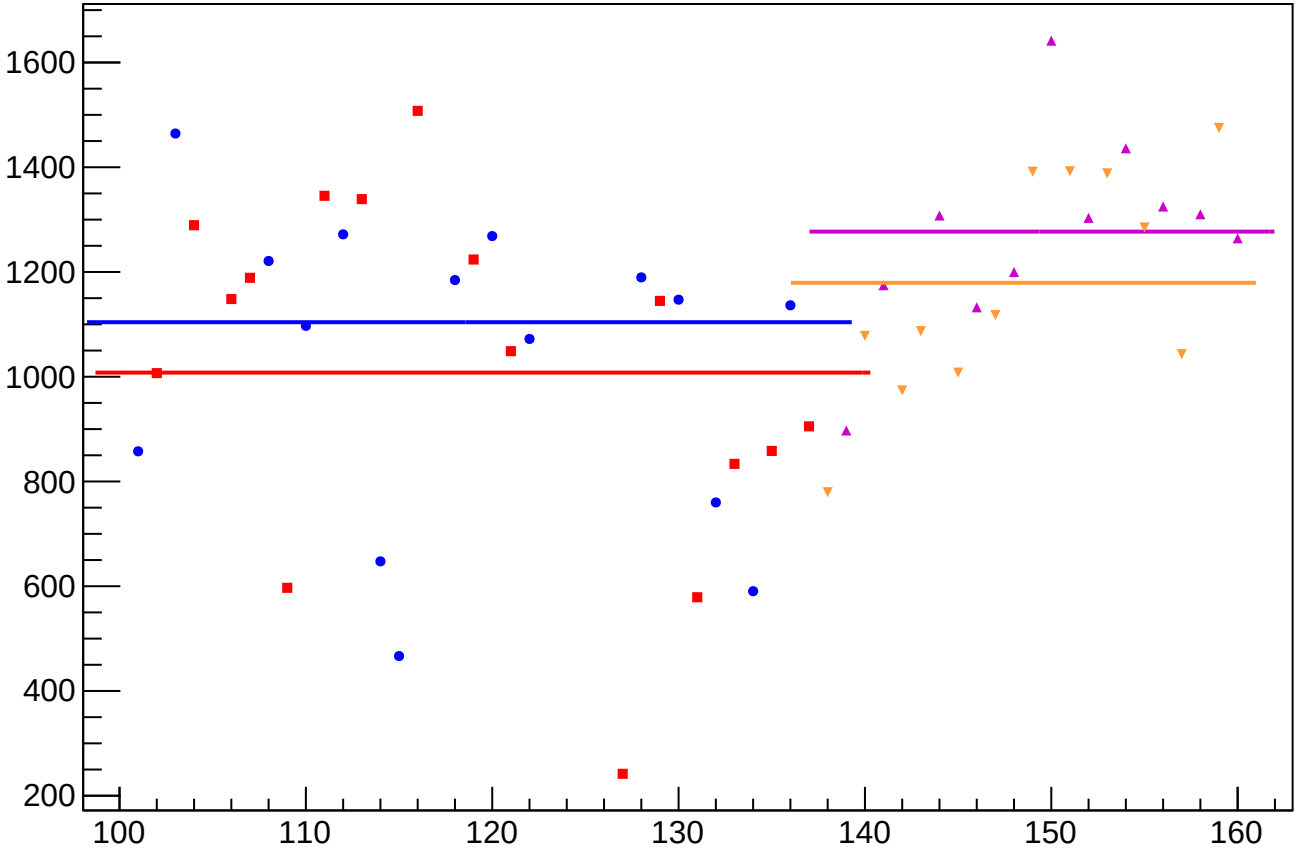
Left In: 2.757+/-0.000 χ^2/NDF:1917207465477323062260540427468 80.0/10

+ 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

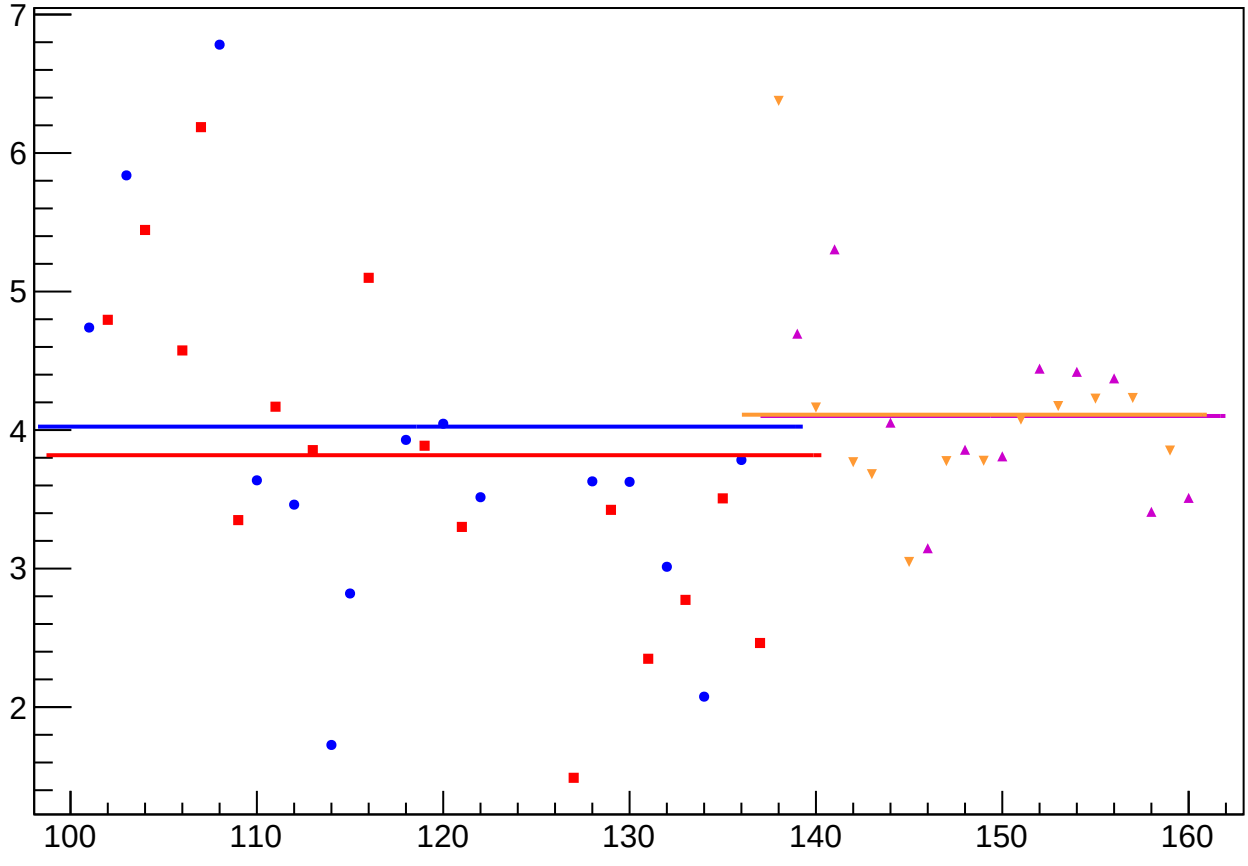
All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

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

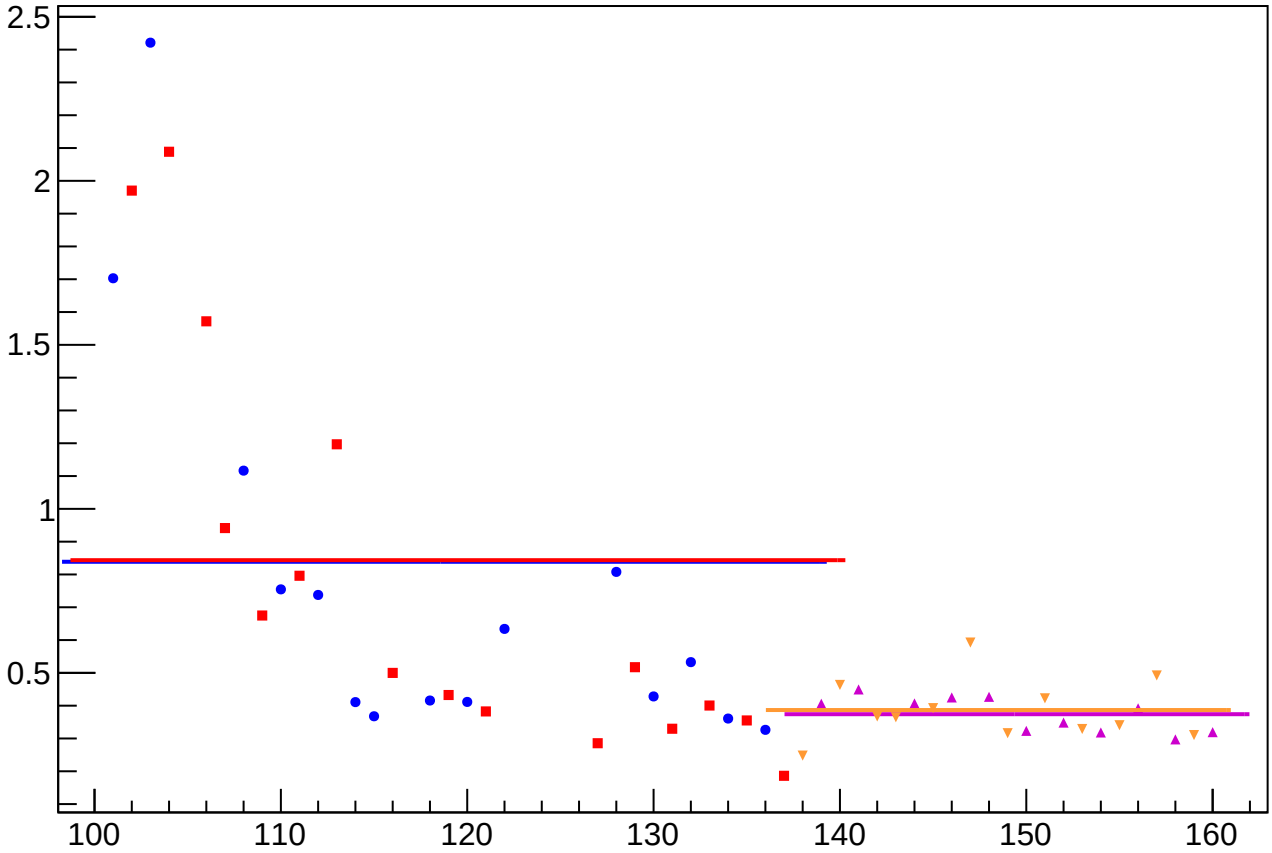
All: 4.029+/-0.000 χ^2/NDF: 2560414246886

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

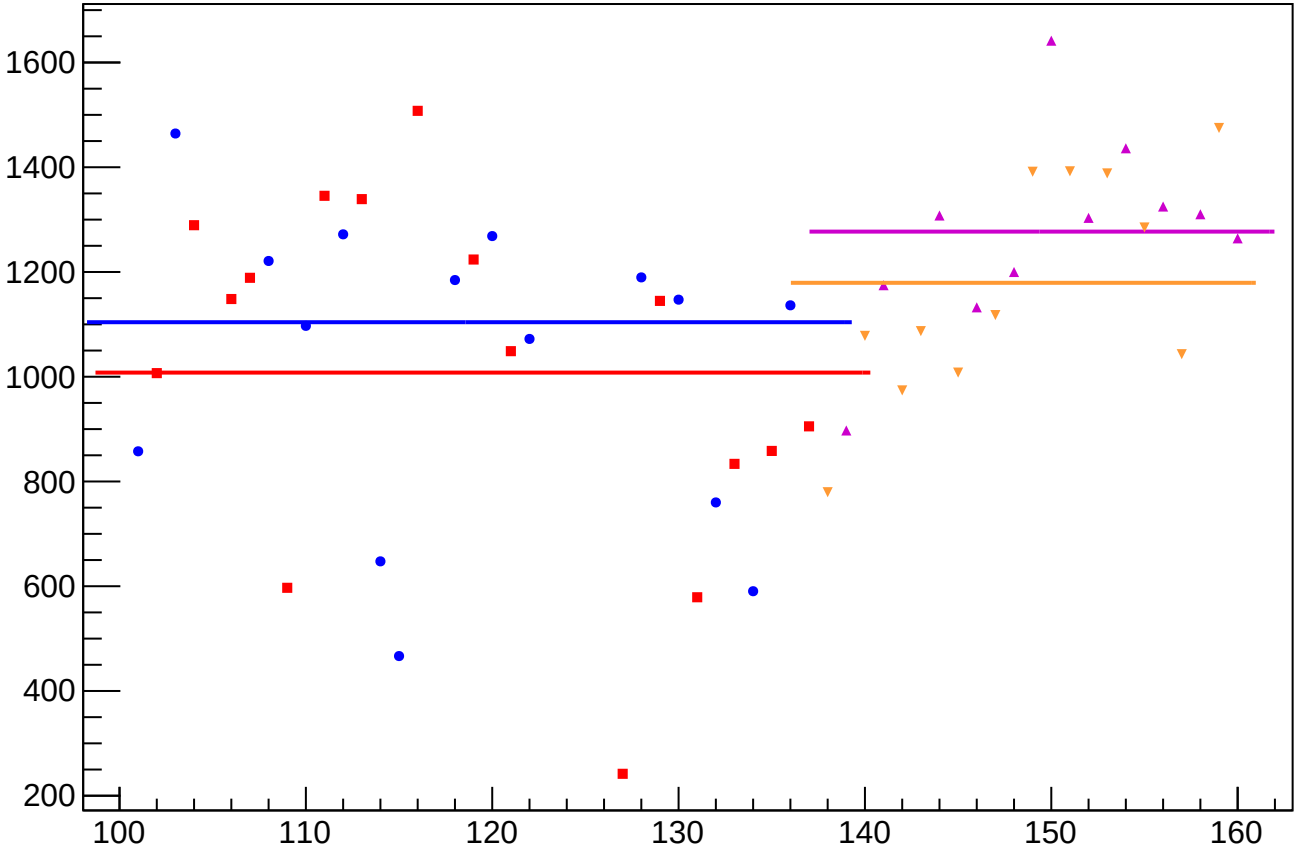
Left In: 0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10

+ 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

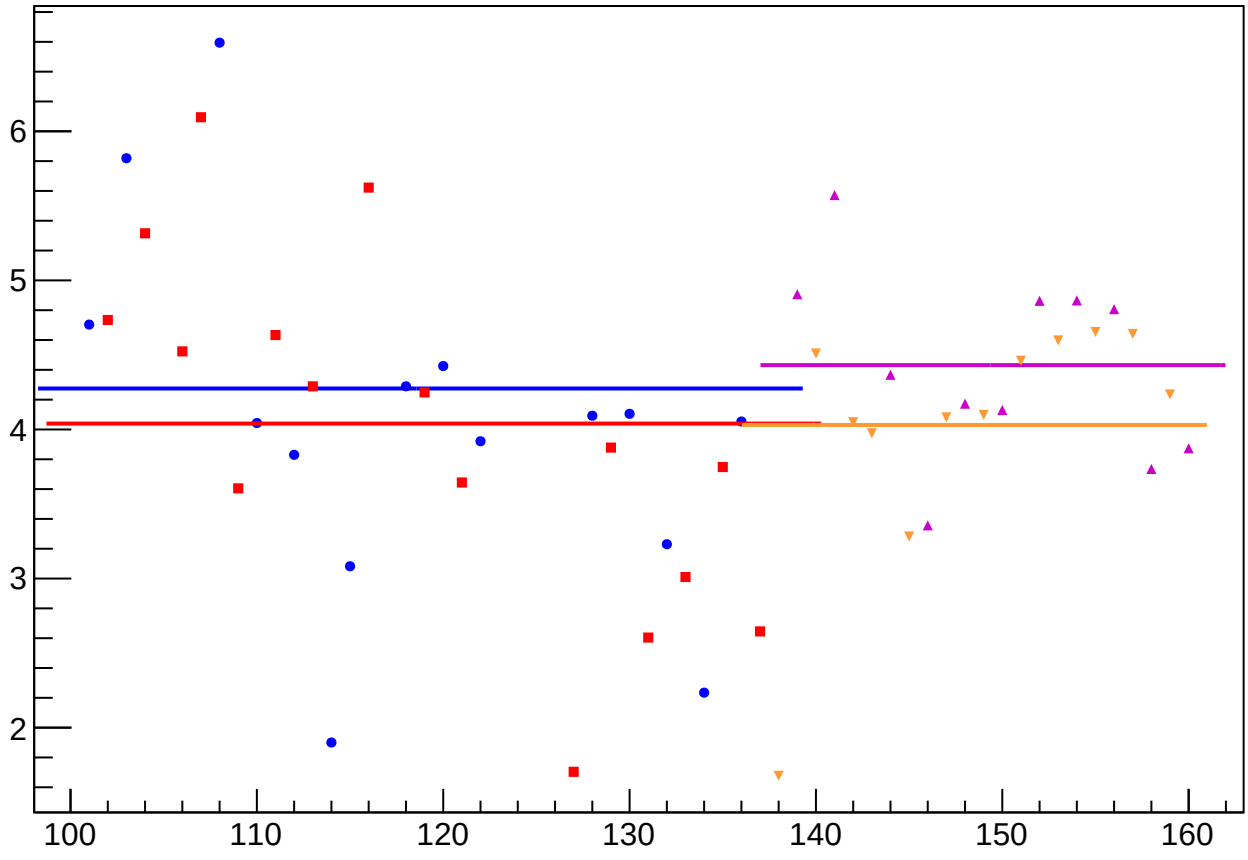
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ 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

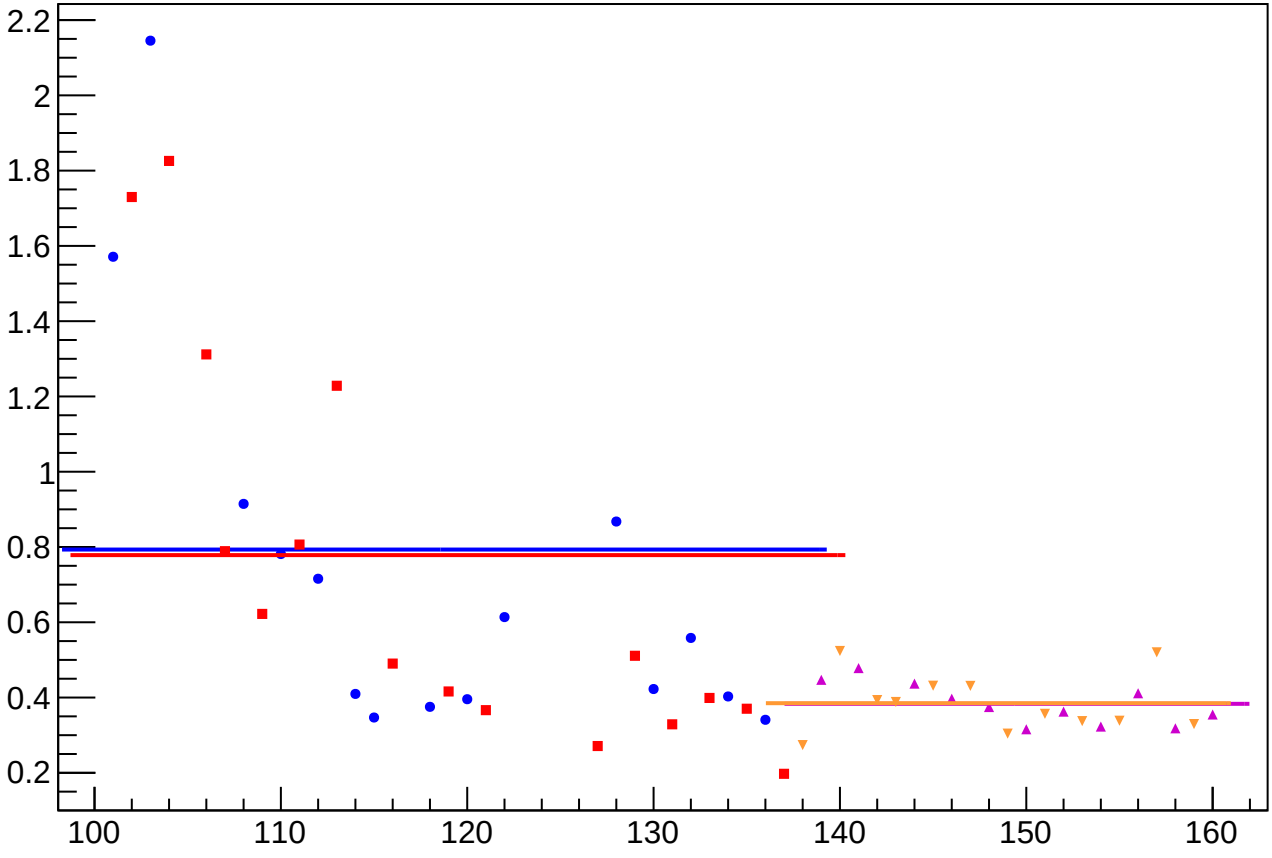
All: 4.200+/-0.000 χ^2/NDF: 2412675813766 7

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

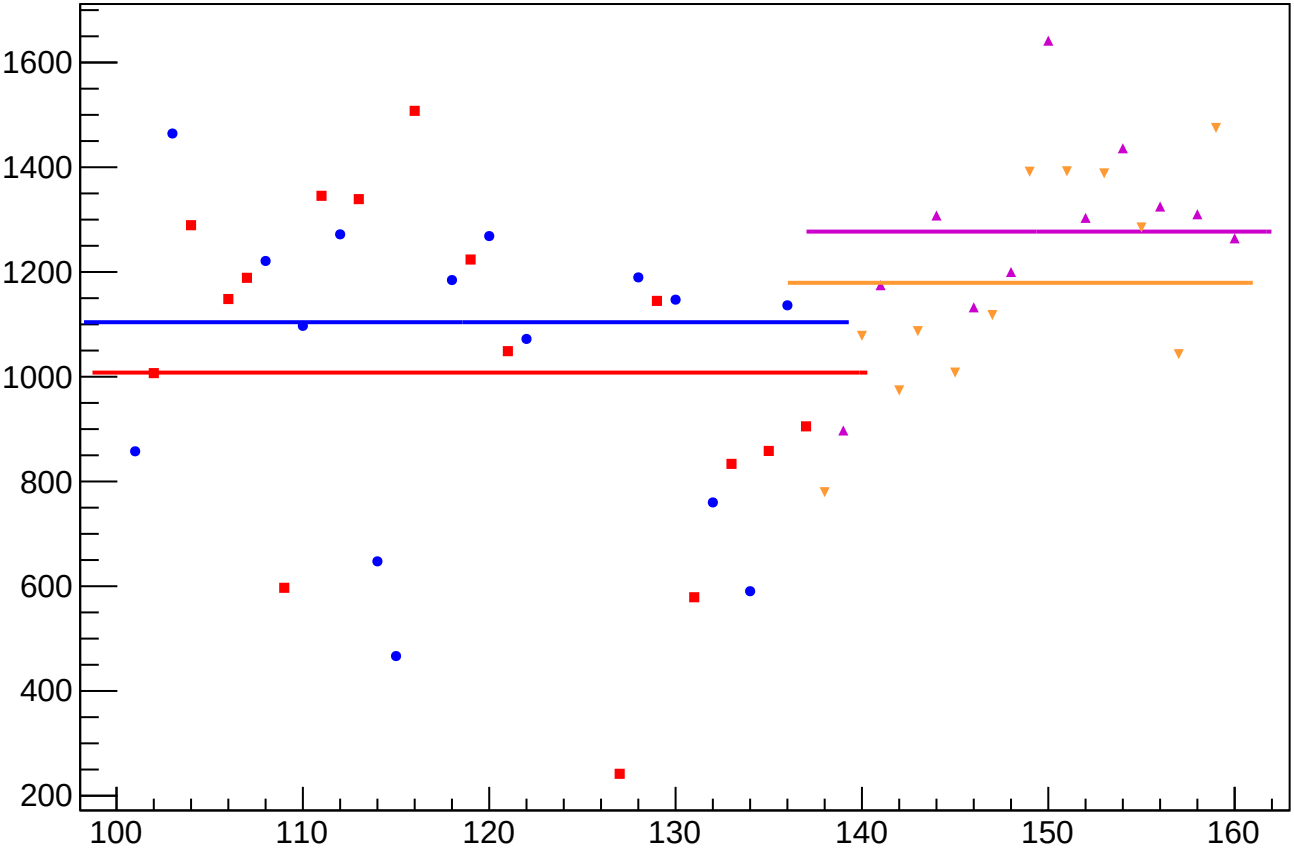
Left In: 0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

+ 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

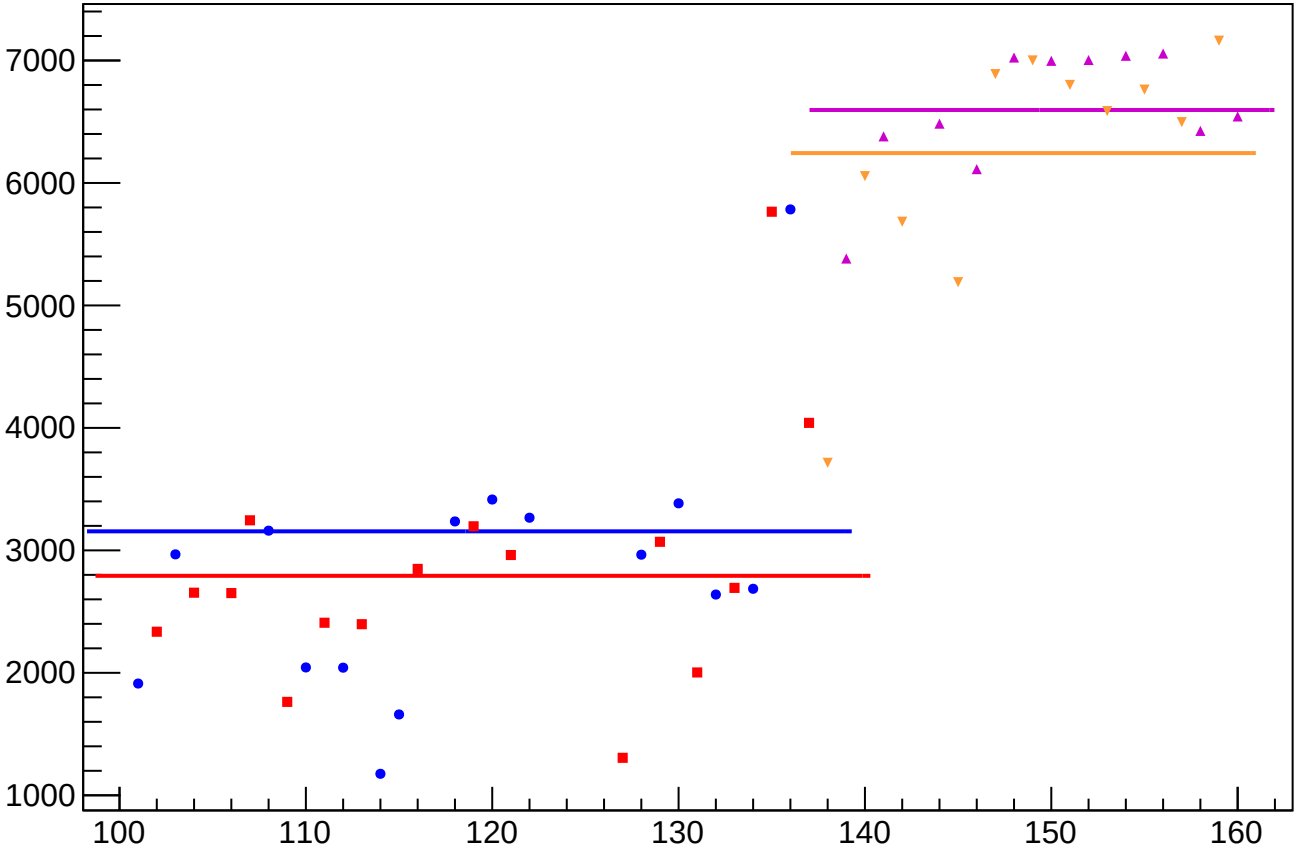
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

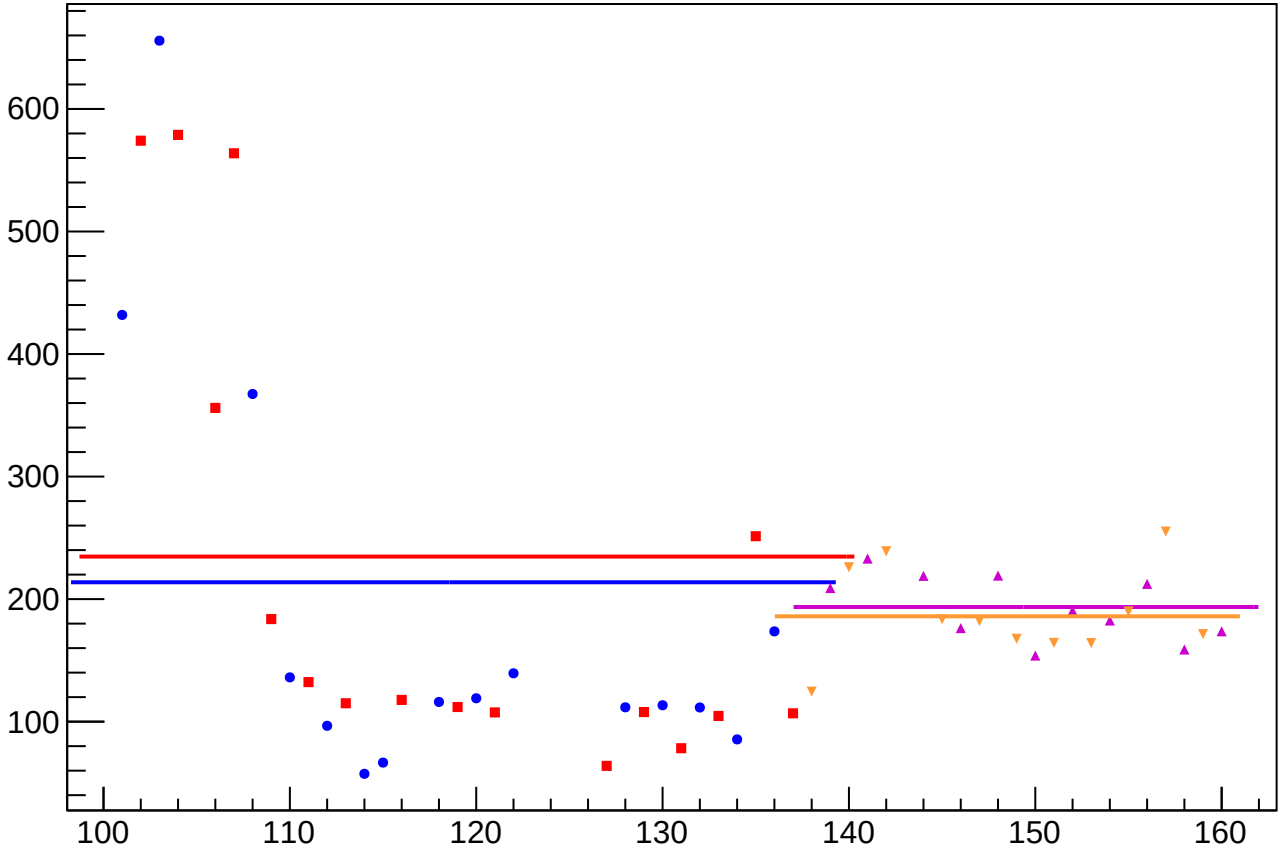
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

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

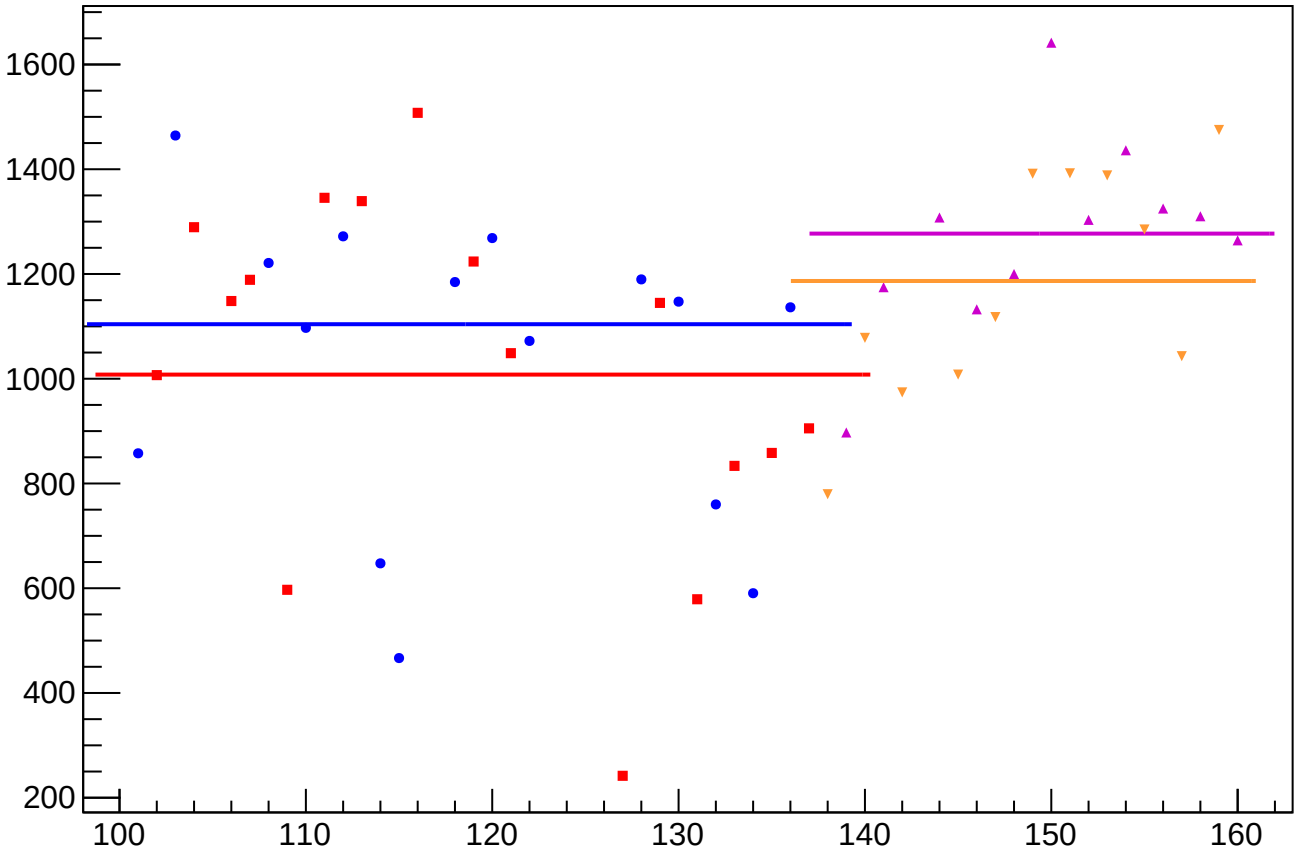
Left In: 193.543+/-0.000 χ^2/NDF:598931150644293332680217057881489408.0/10

+ 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

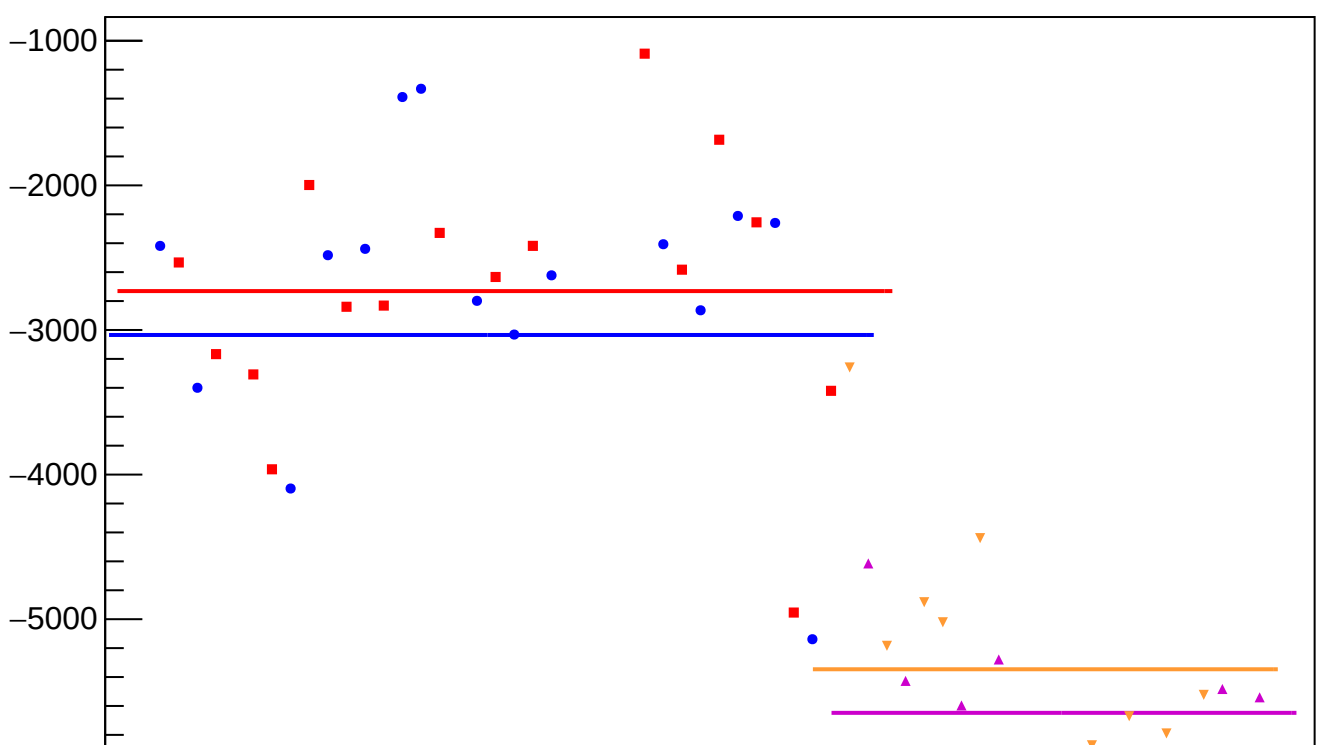
Left In: 1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

+ sign 1150.834+/-0.000 χ^2/NDF: 7336754837783

All: 1157.745+/-0.000 χ^2/NDF: 2002333714

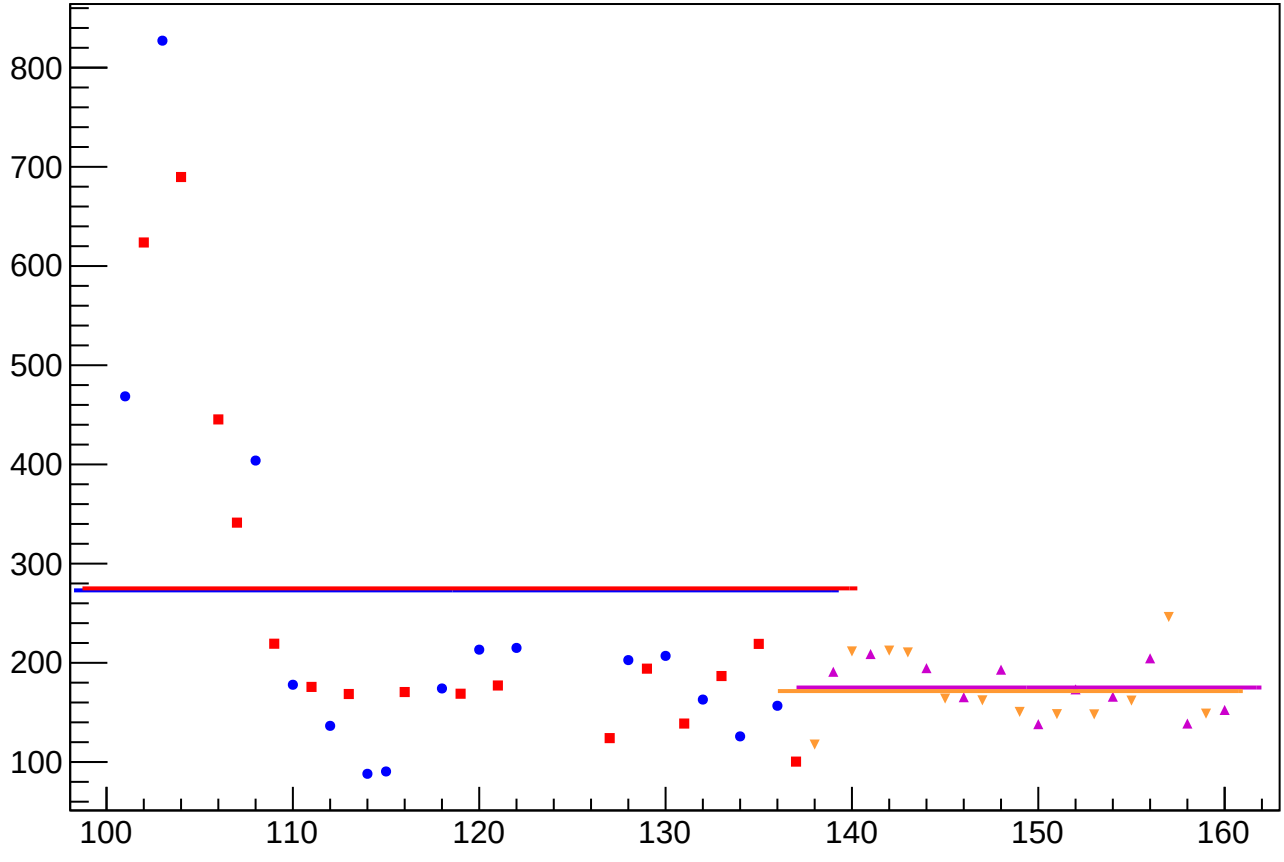
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930

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

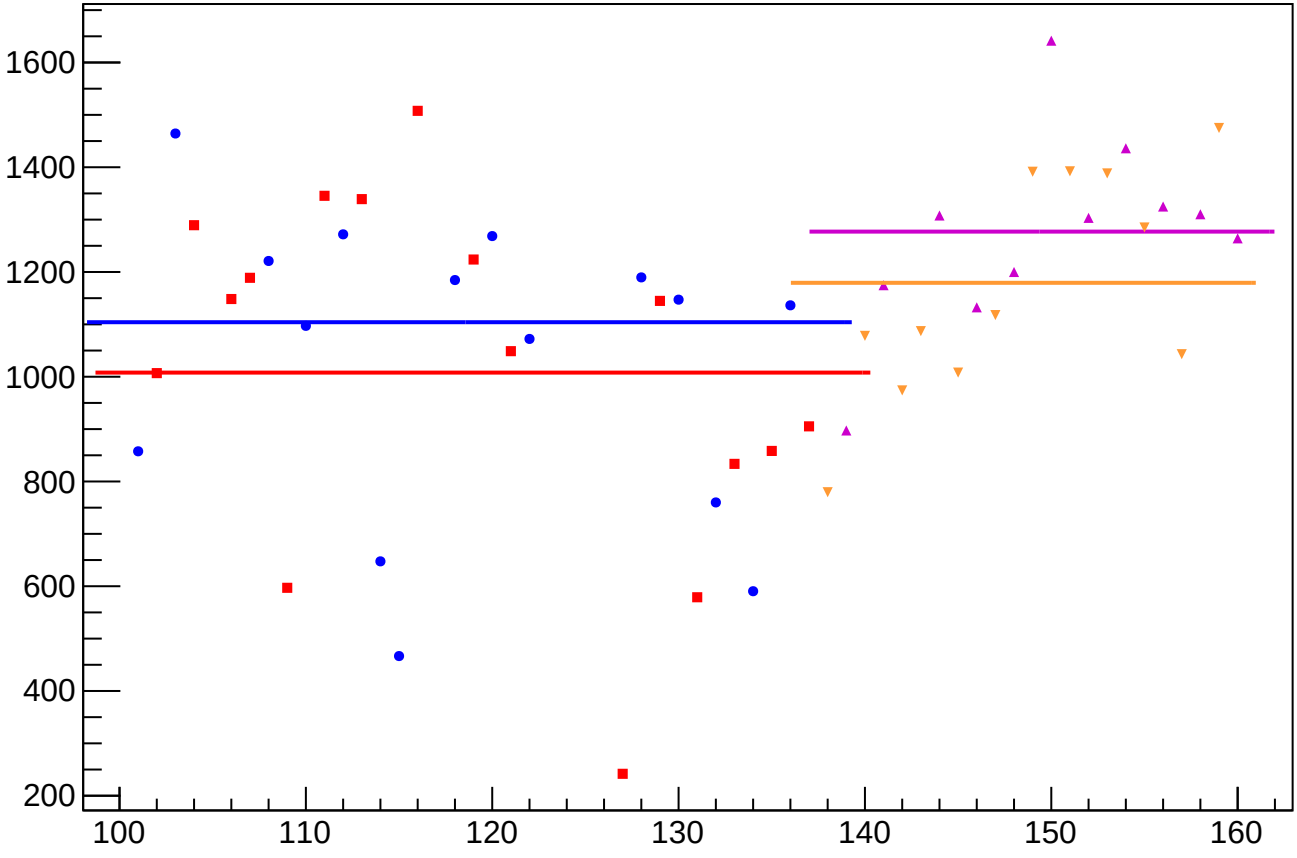
Left In: 175.100+/-0.000 χ^2/NDF:532319905760316522814470909096624128.0/10

+ 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

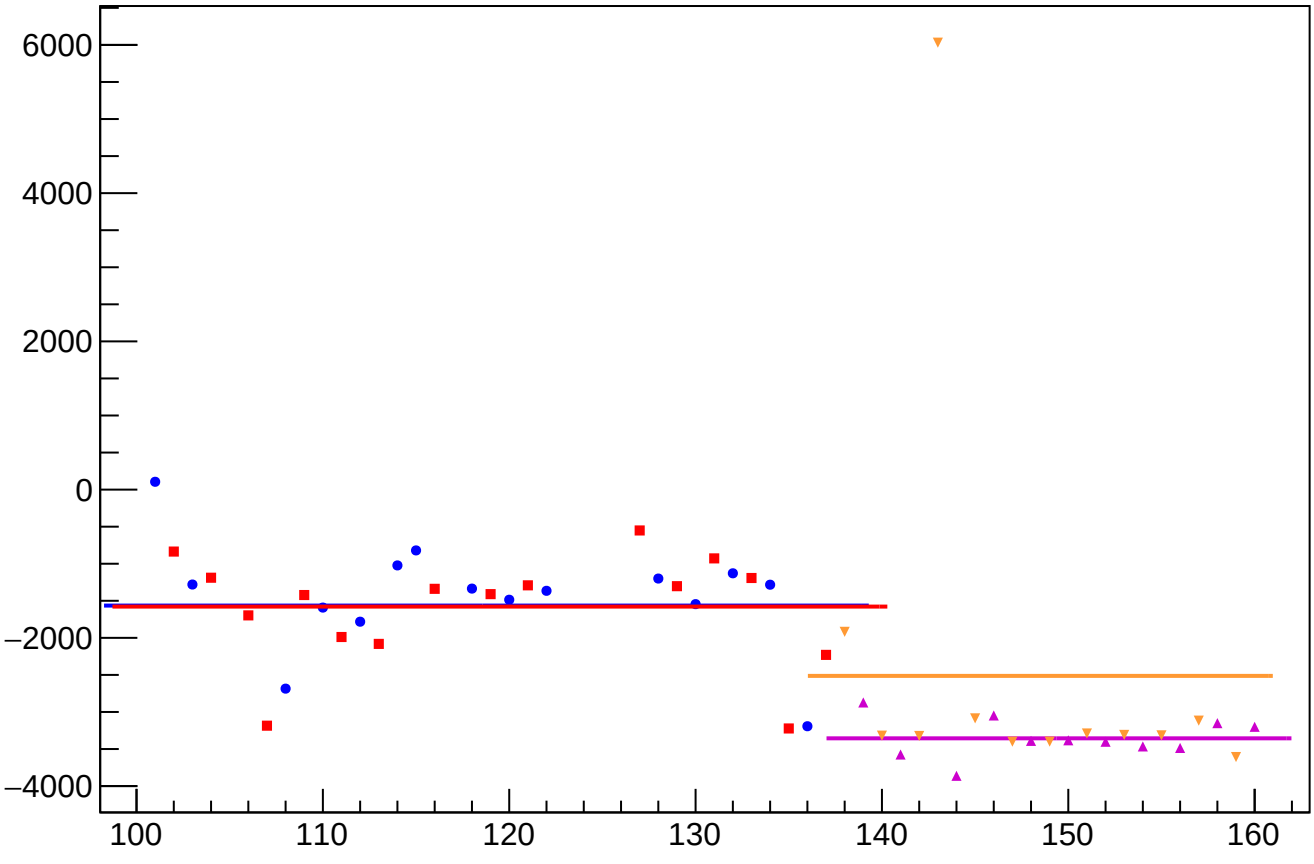
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

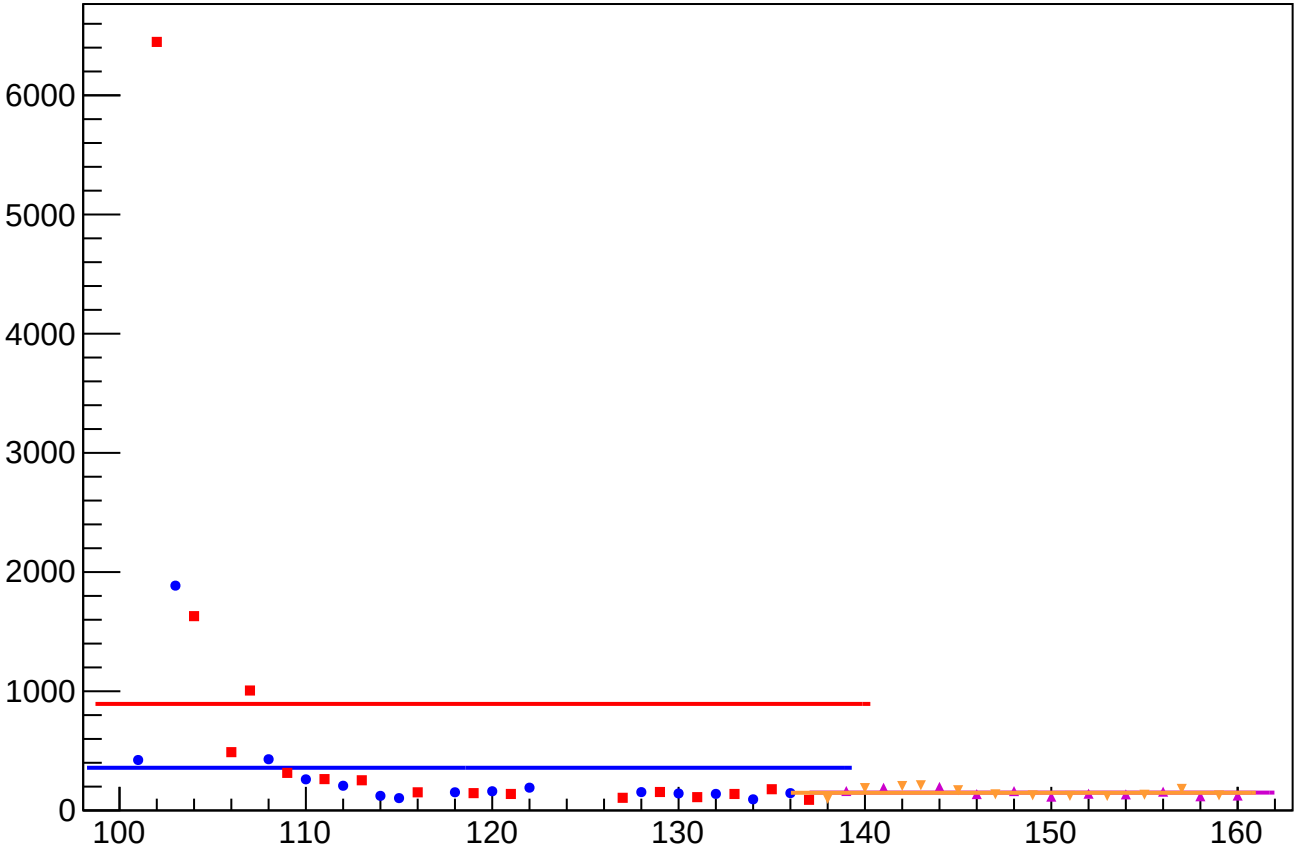
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

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

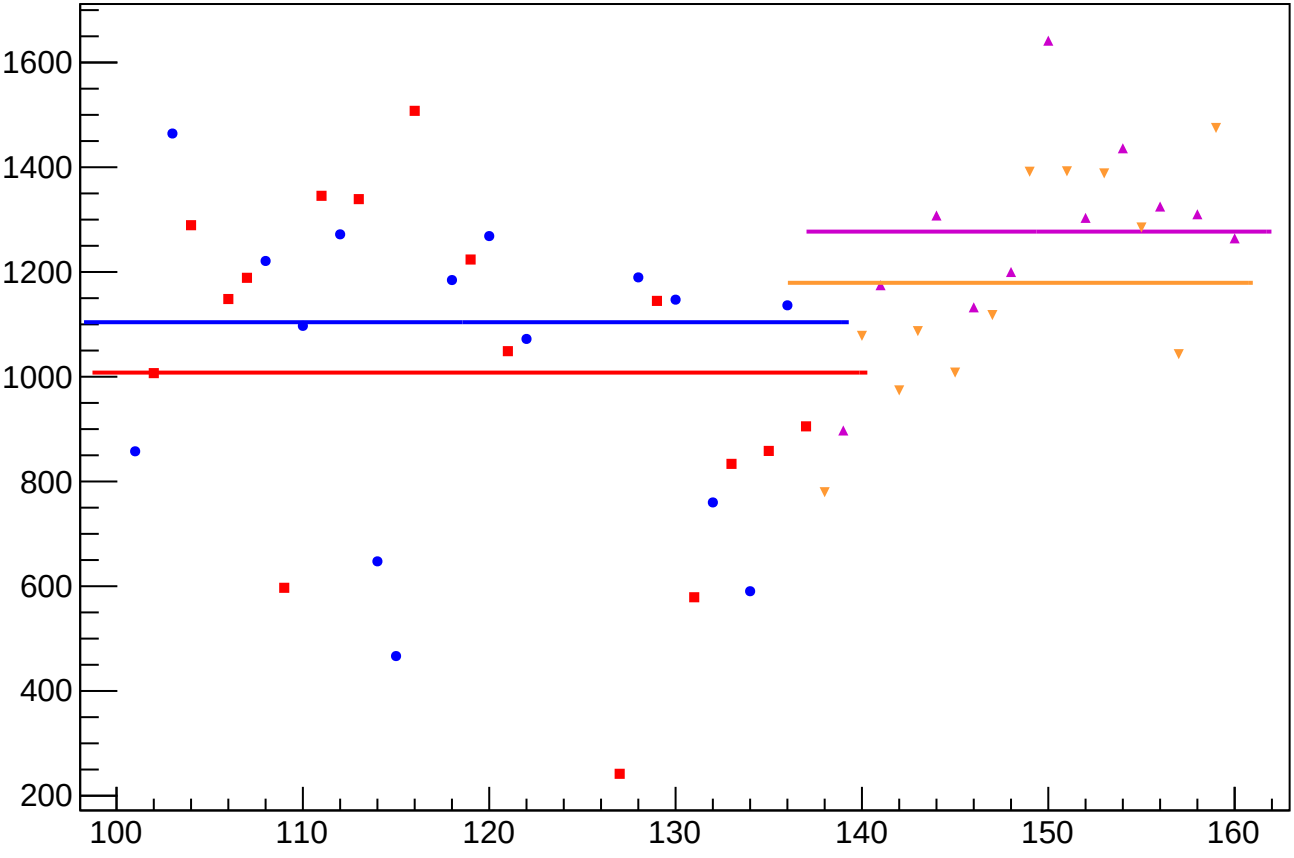
All: 349.608+/-0.000 χ^2/NDF: 2507121059 72

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

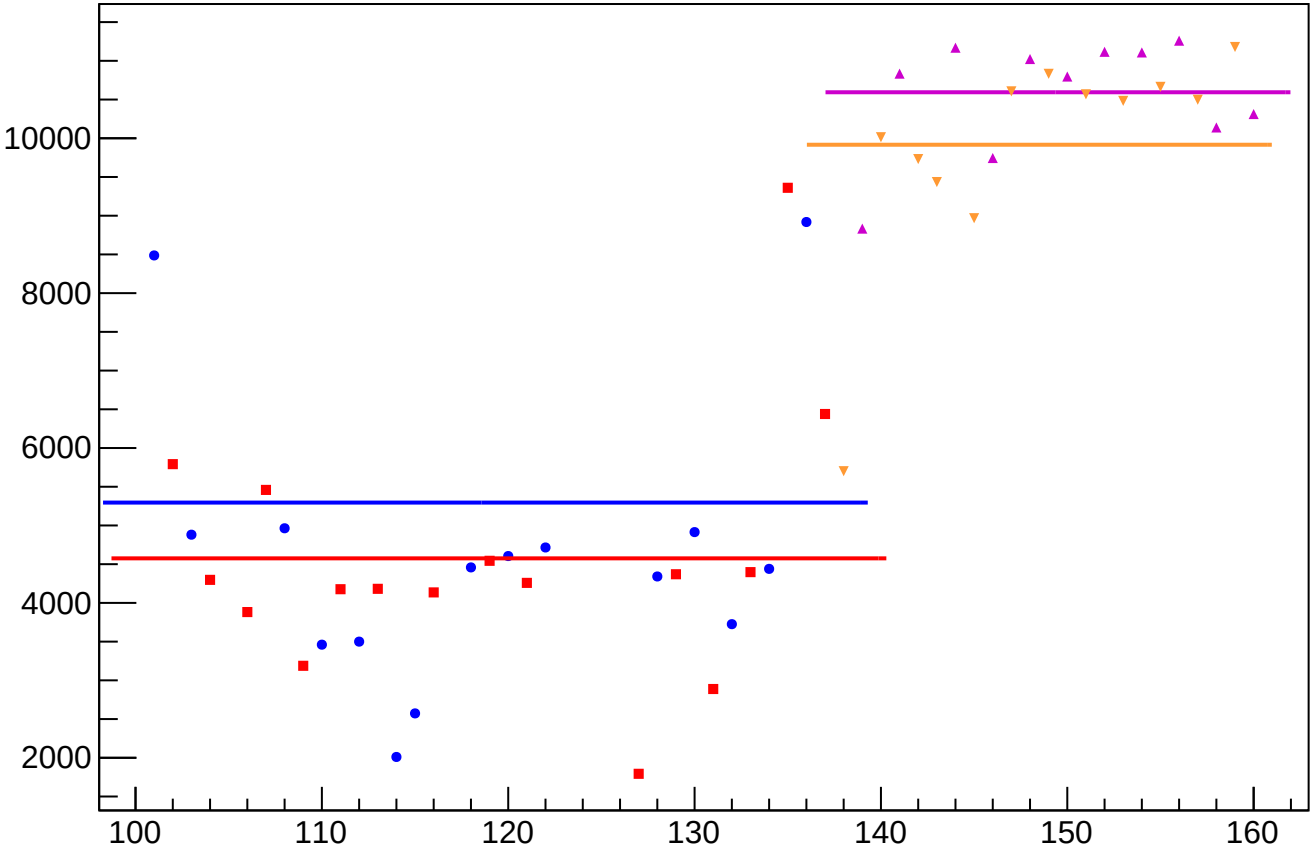
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ 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

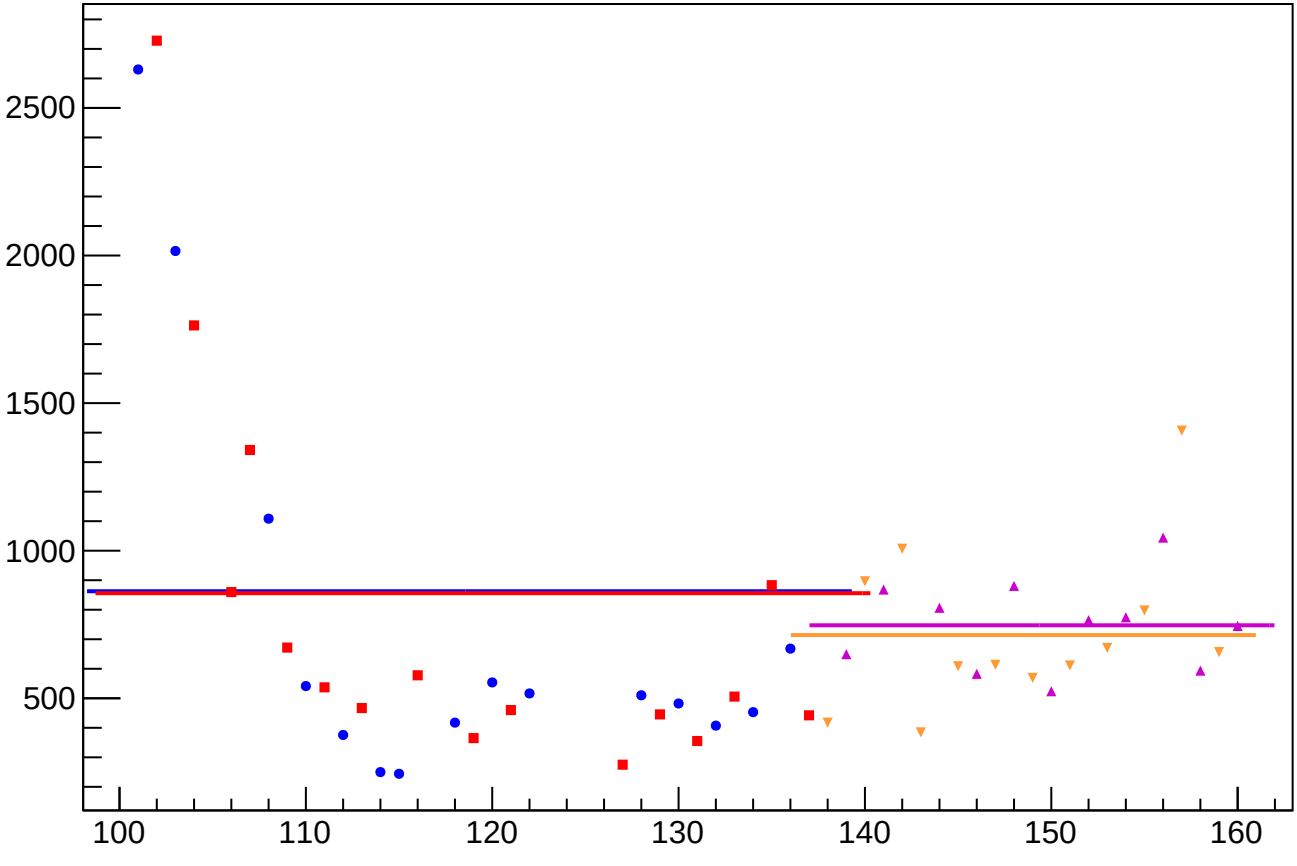
Left In: 10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

+ 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

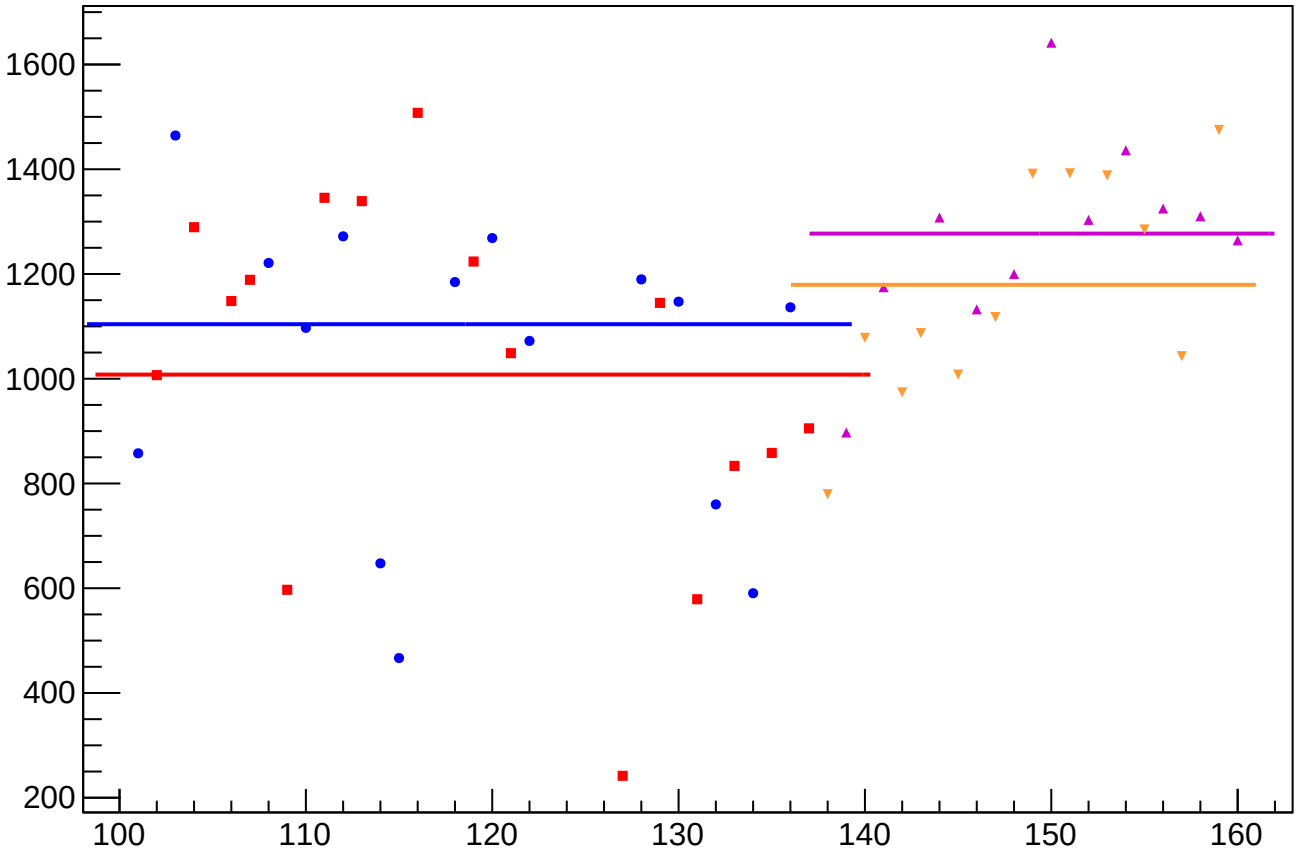
Left In: 747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10

+ 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

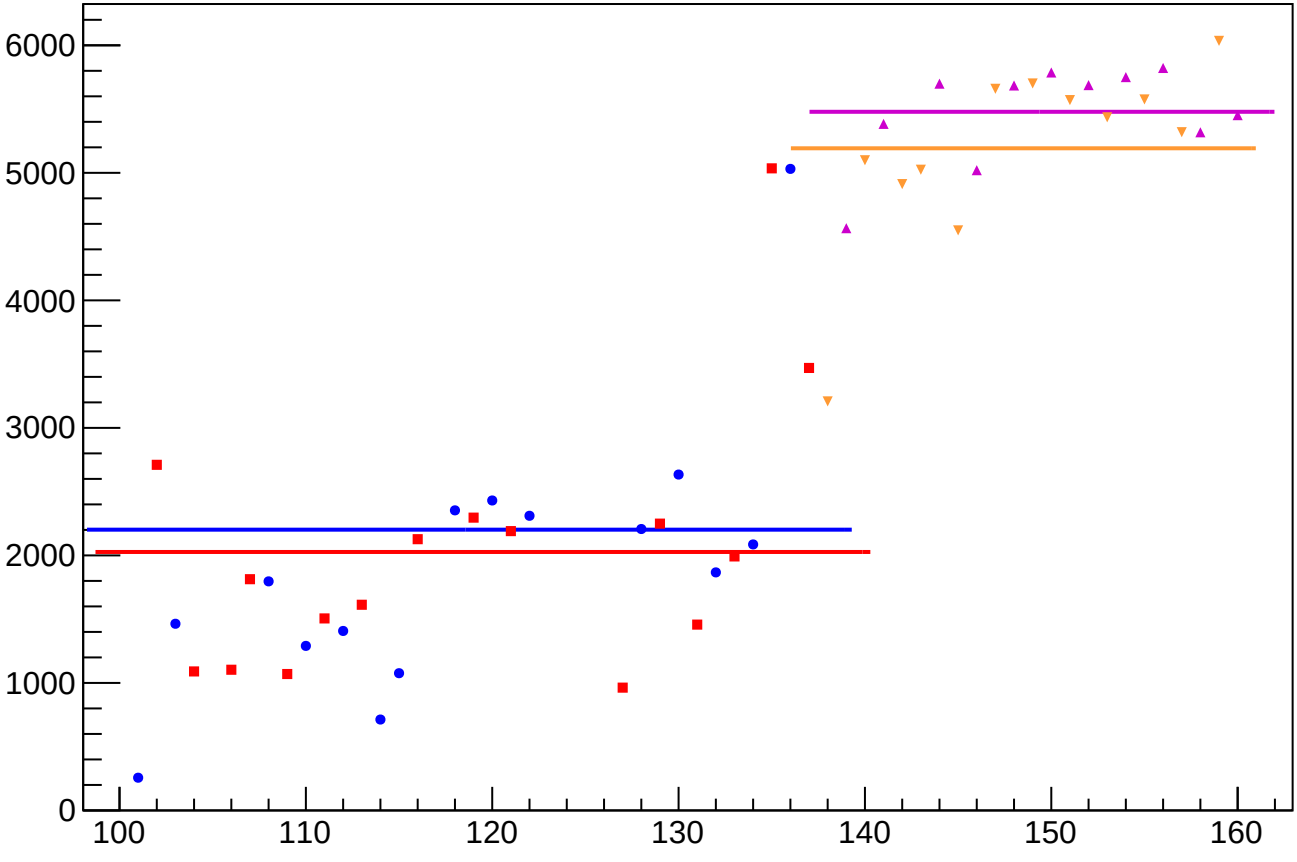
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ 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

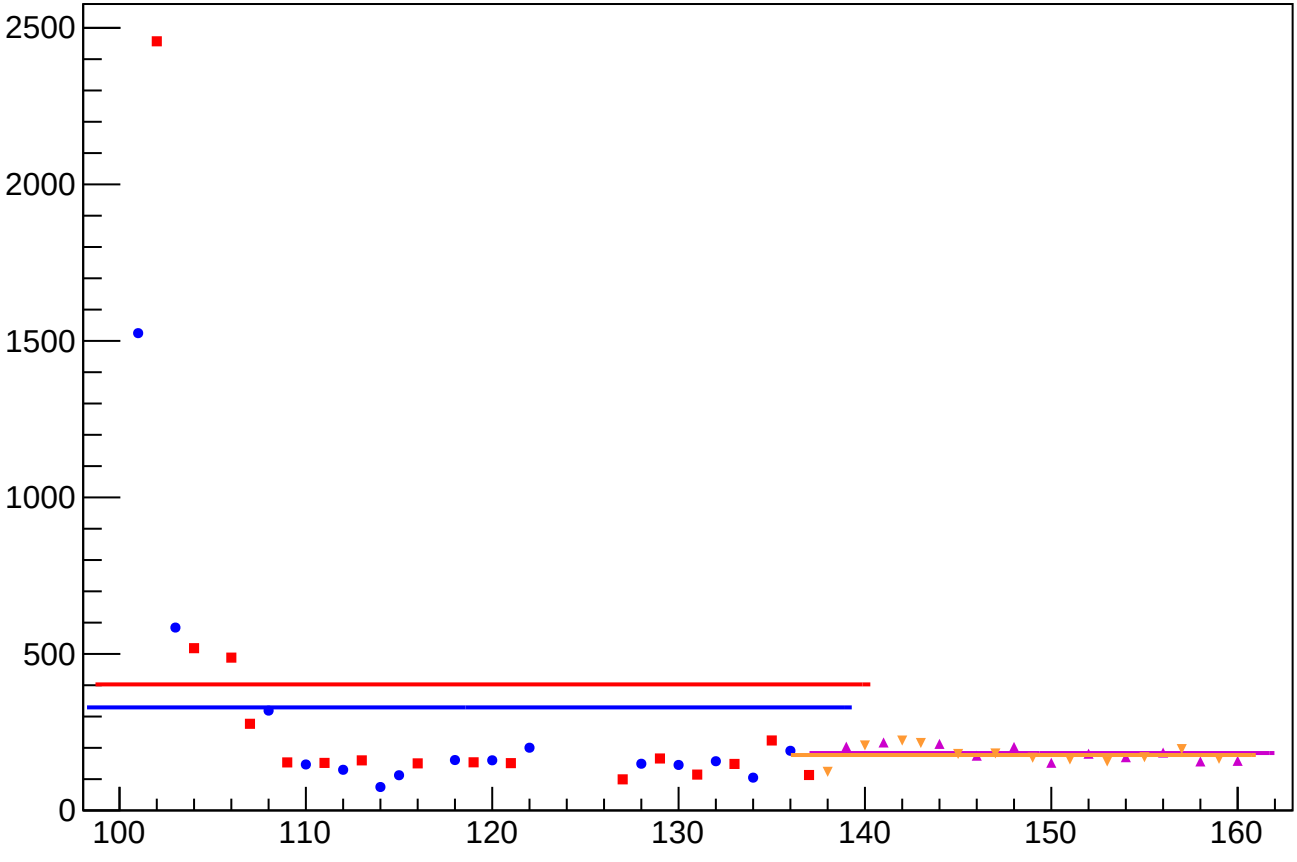
All: 3991.515+/-0.000 χ^2/NDF: 1040455023

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

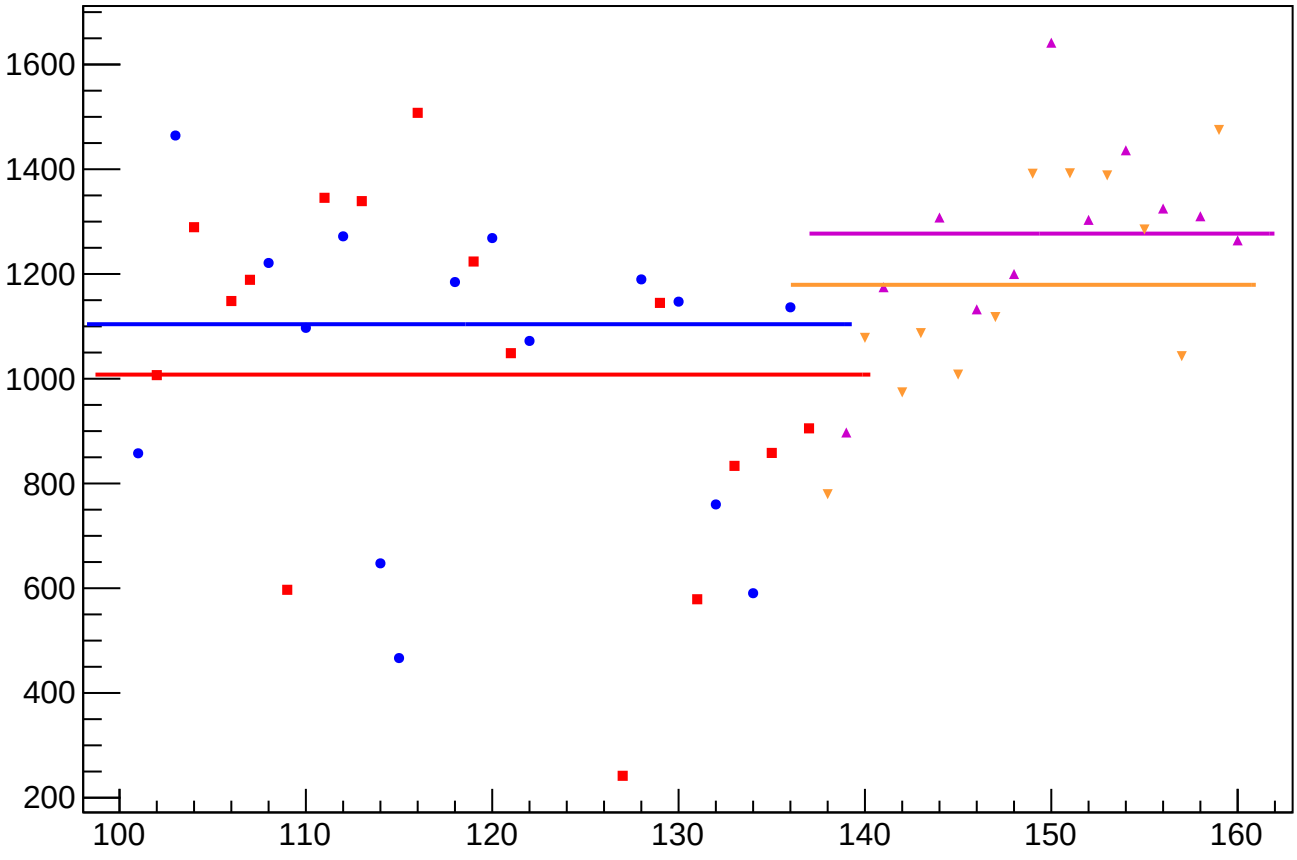
Left In: 183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

+ 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

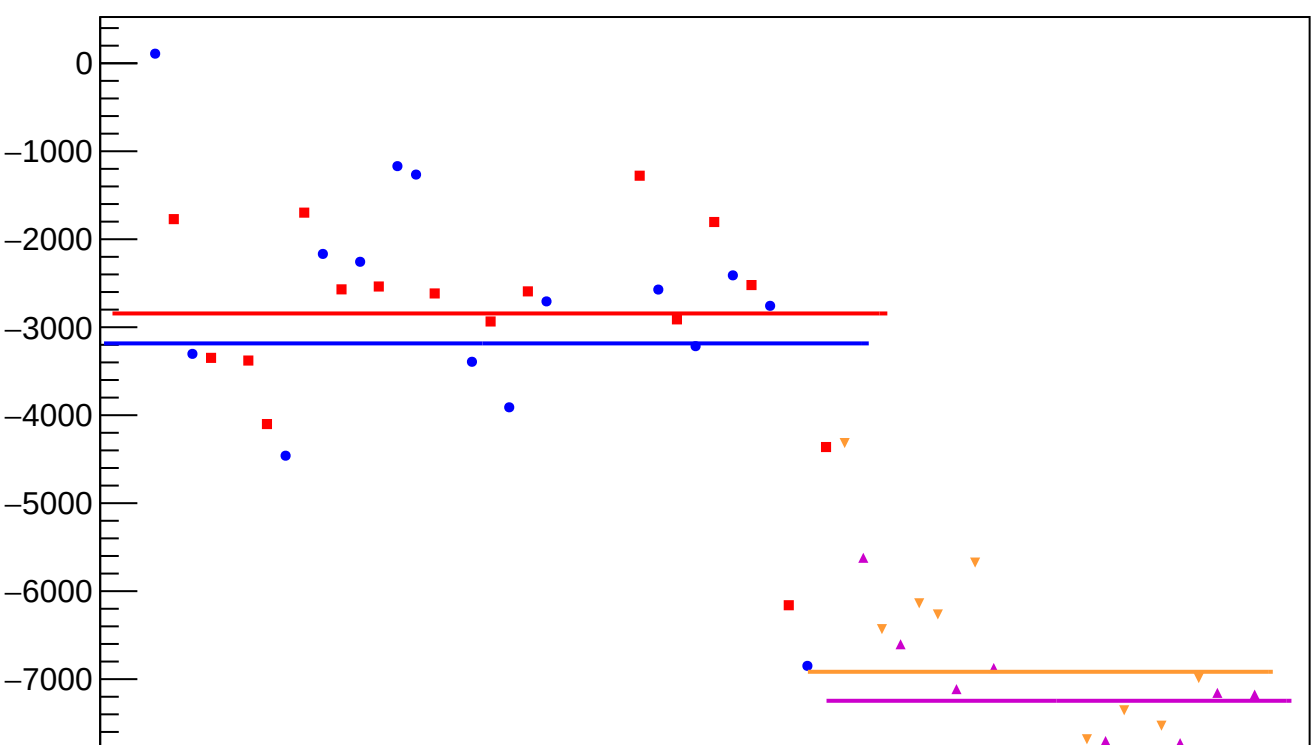
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

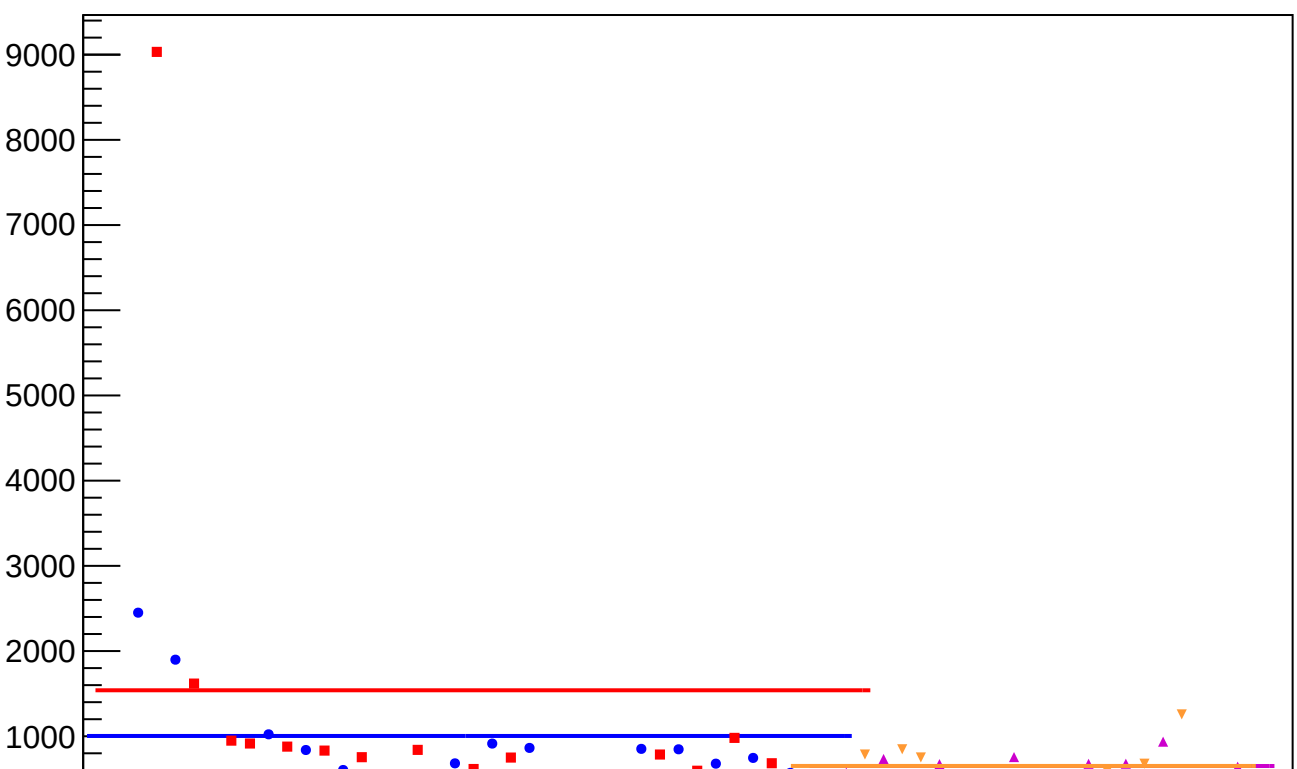
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

dit_atr2_coil3_mean vs Slug



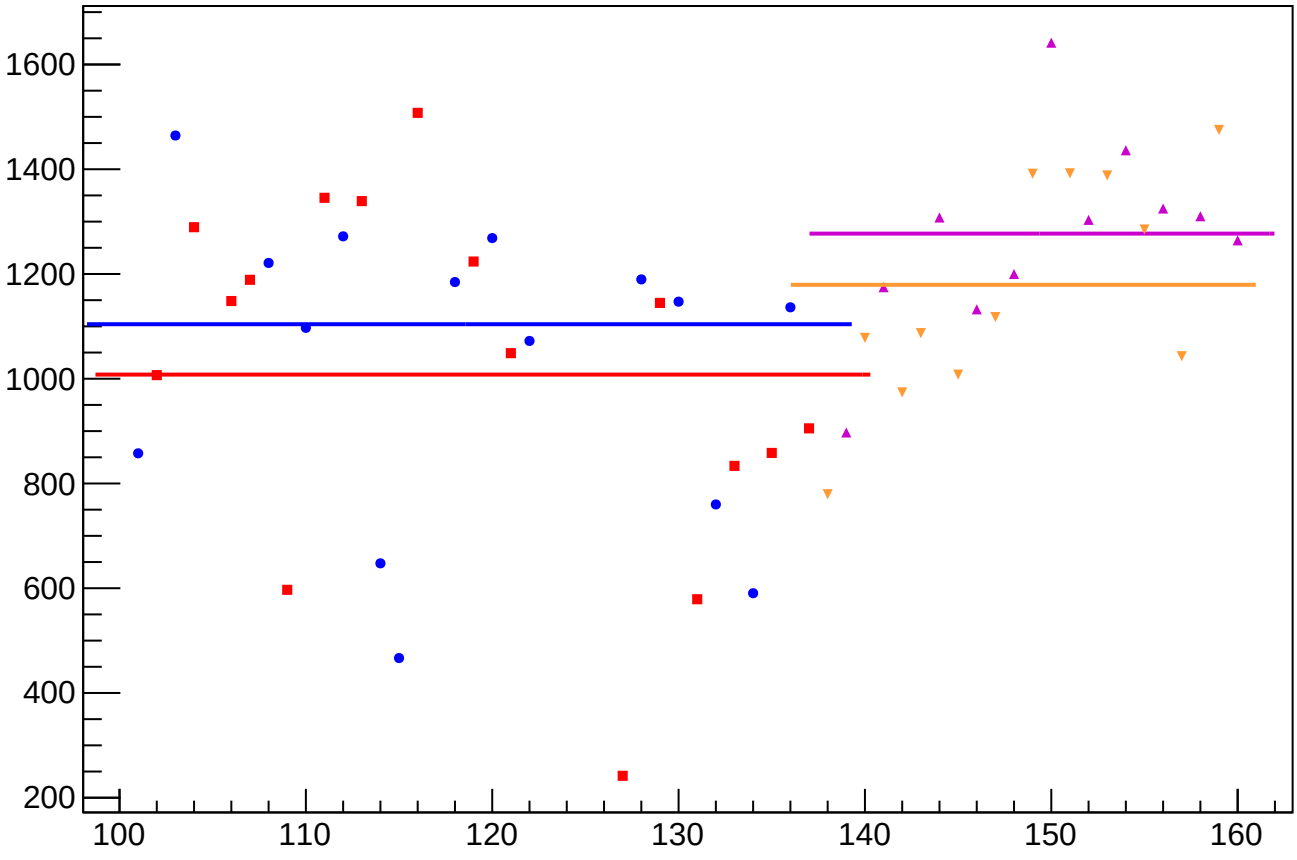
Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14
+ sign -5366.500+/-0.000 χ^2/NDF: 8538549854874
Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11
All: -5383.560+/-0.000 χ^2/NDF: 1739572201
Right Out: -2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 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

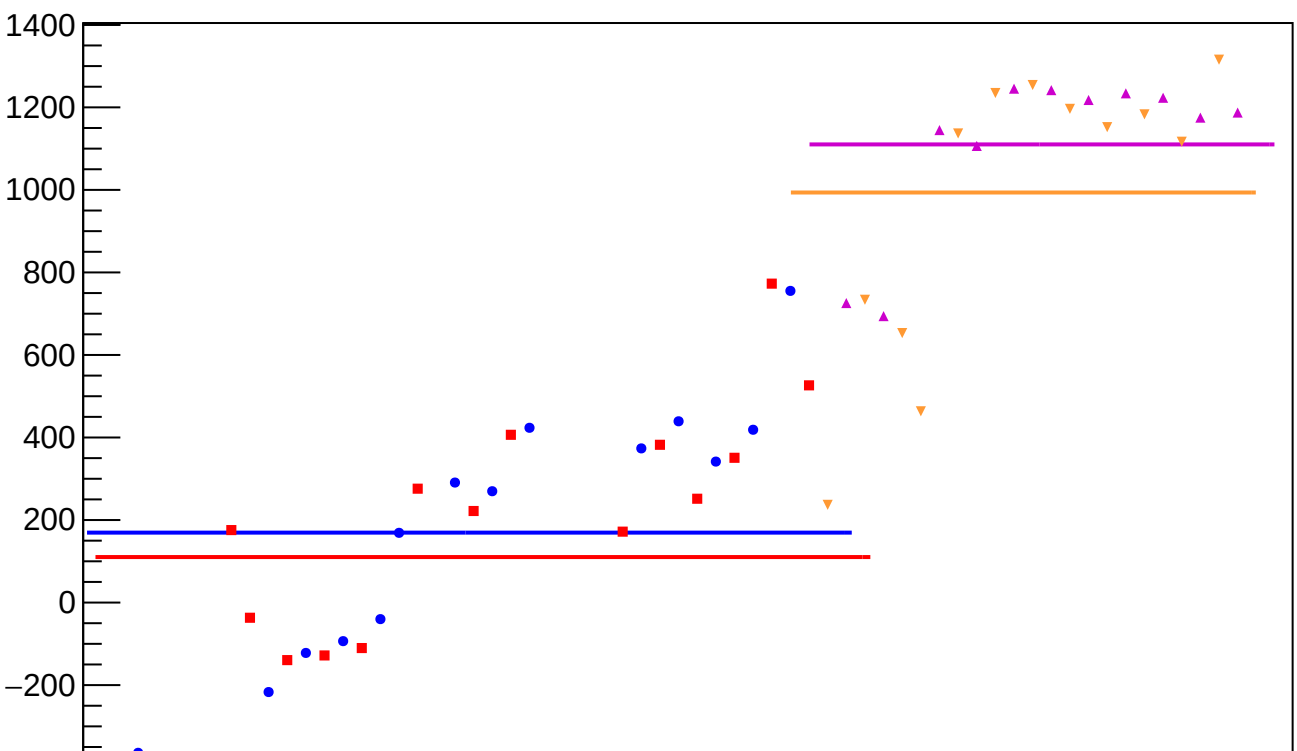
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ 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

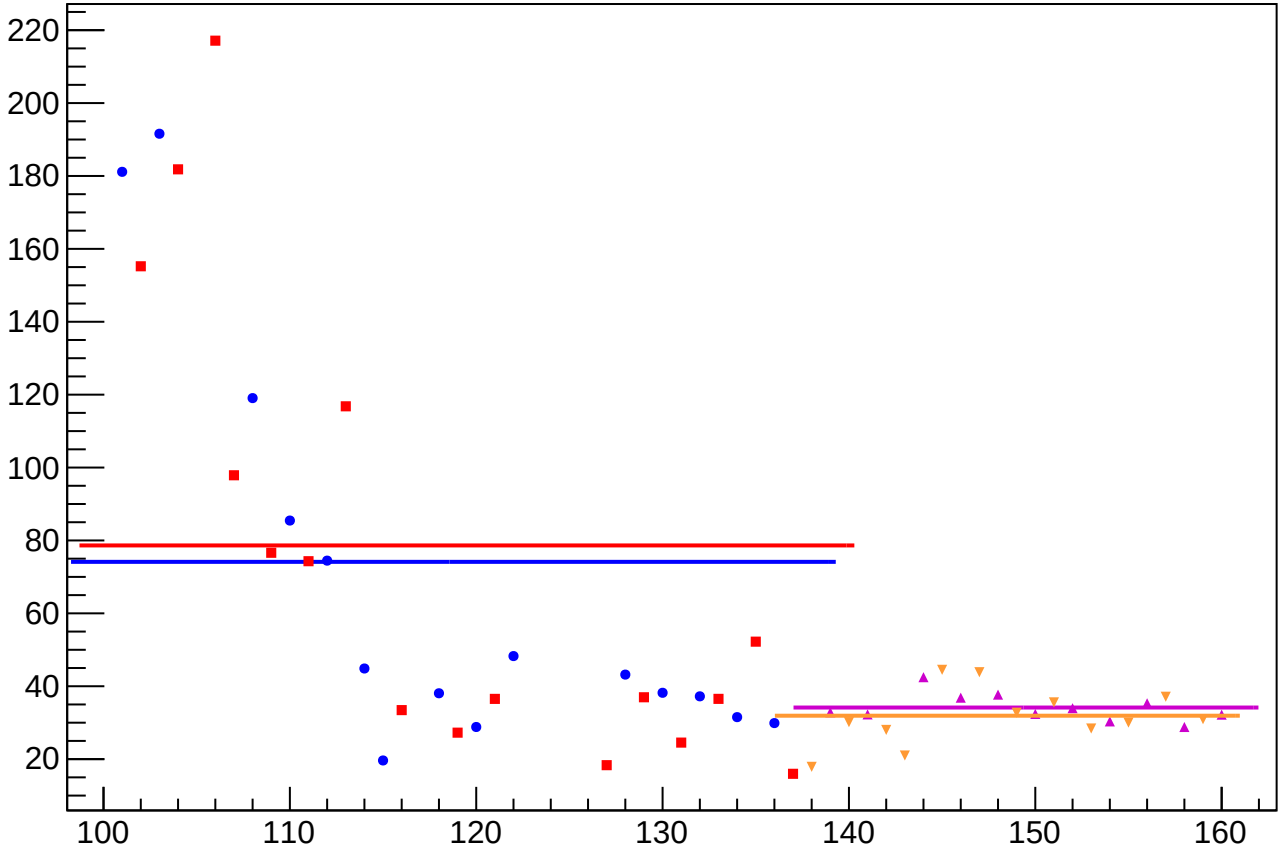
Left In: 1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

+ 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

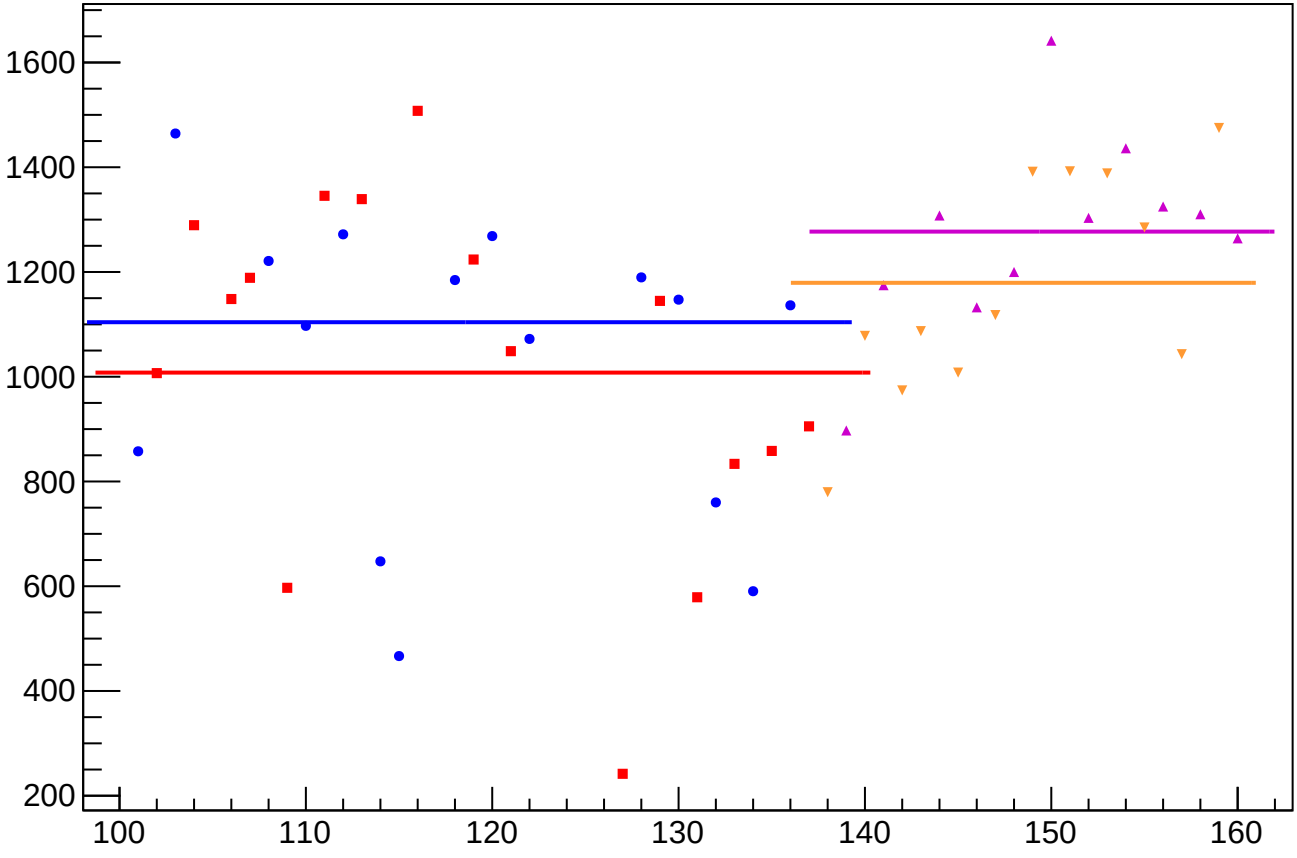
Left In: 34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

+ 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

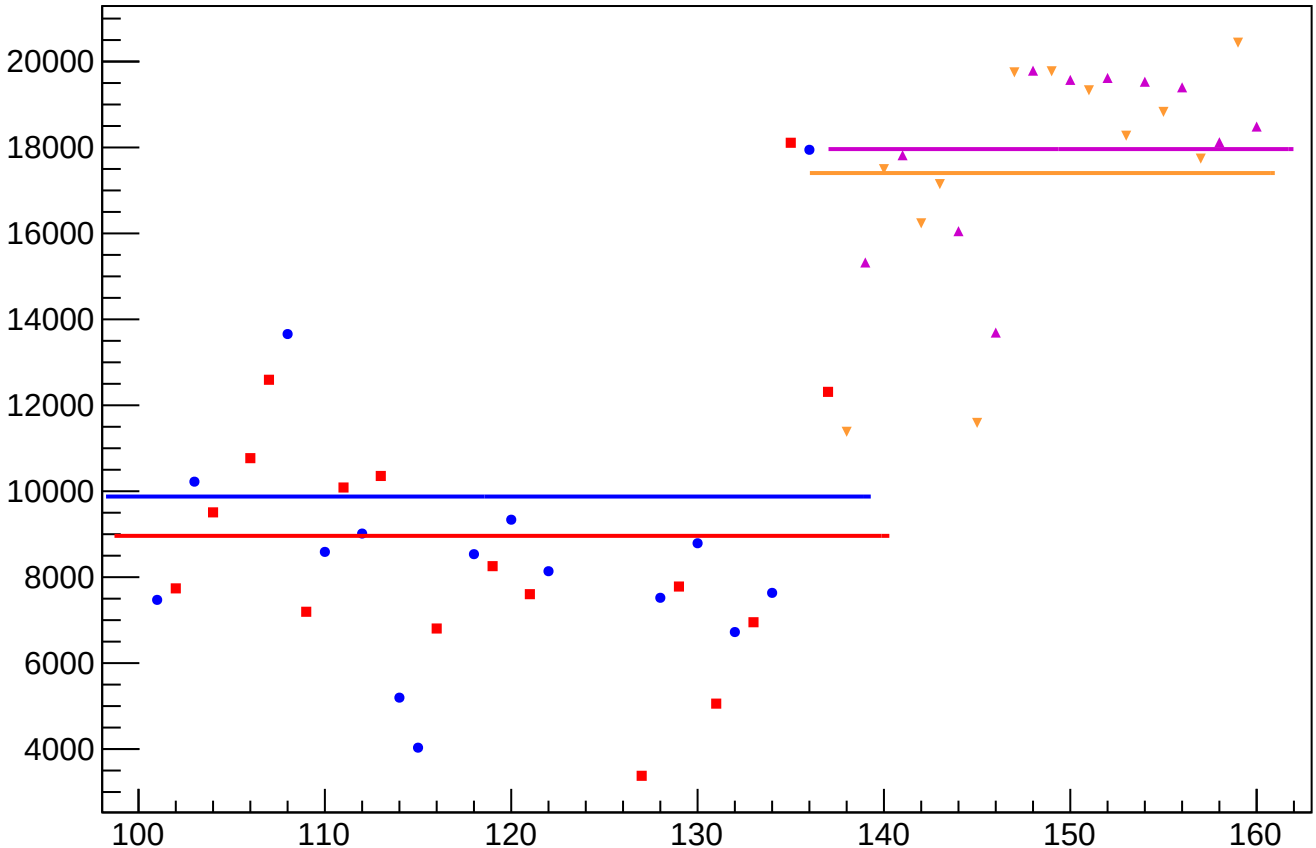
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ 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

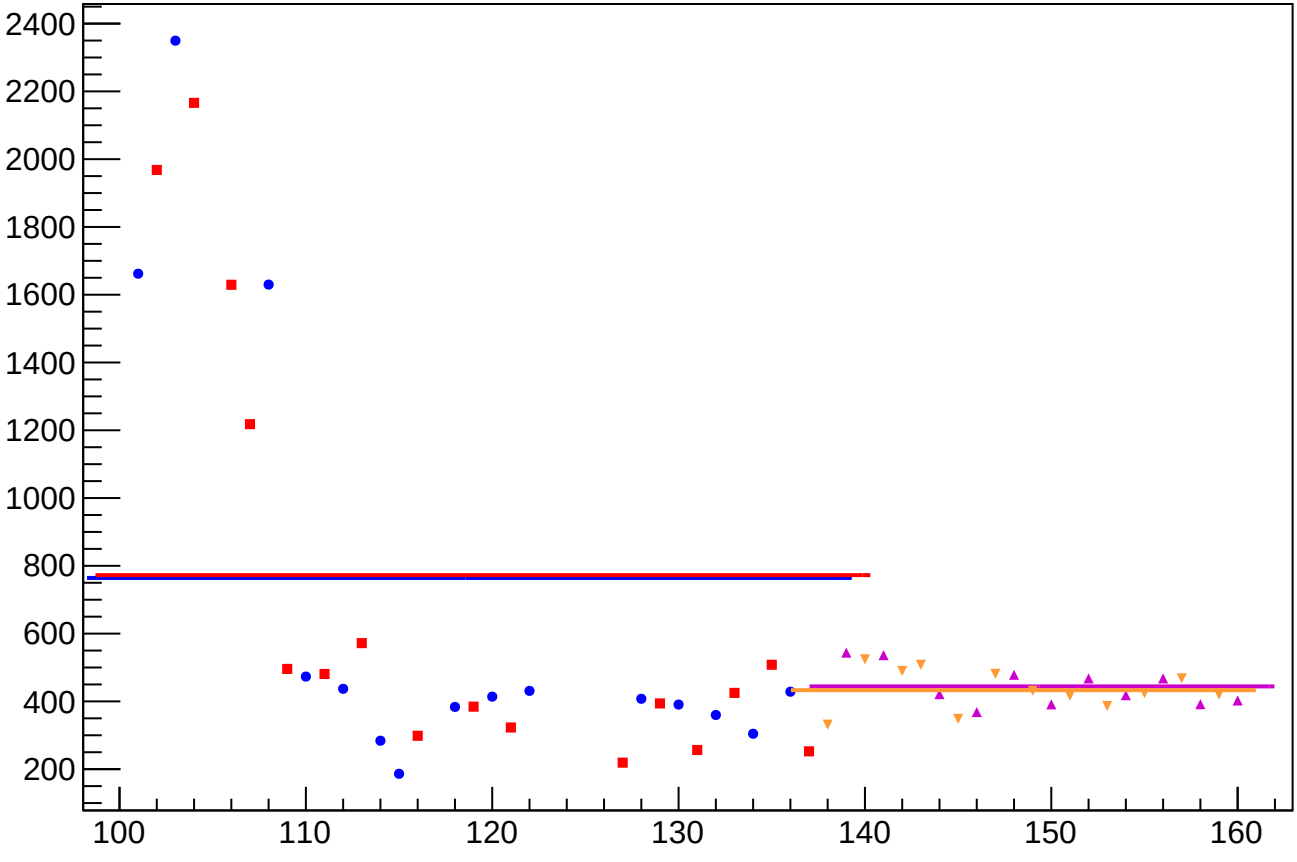
All: 14233.622+/-0.000 χ^2/NDF: 8022211512

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

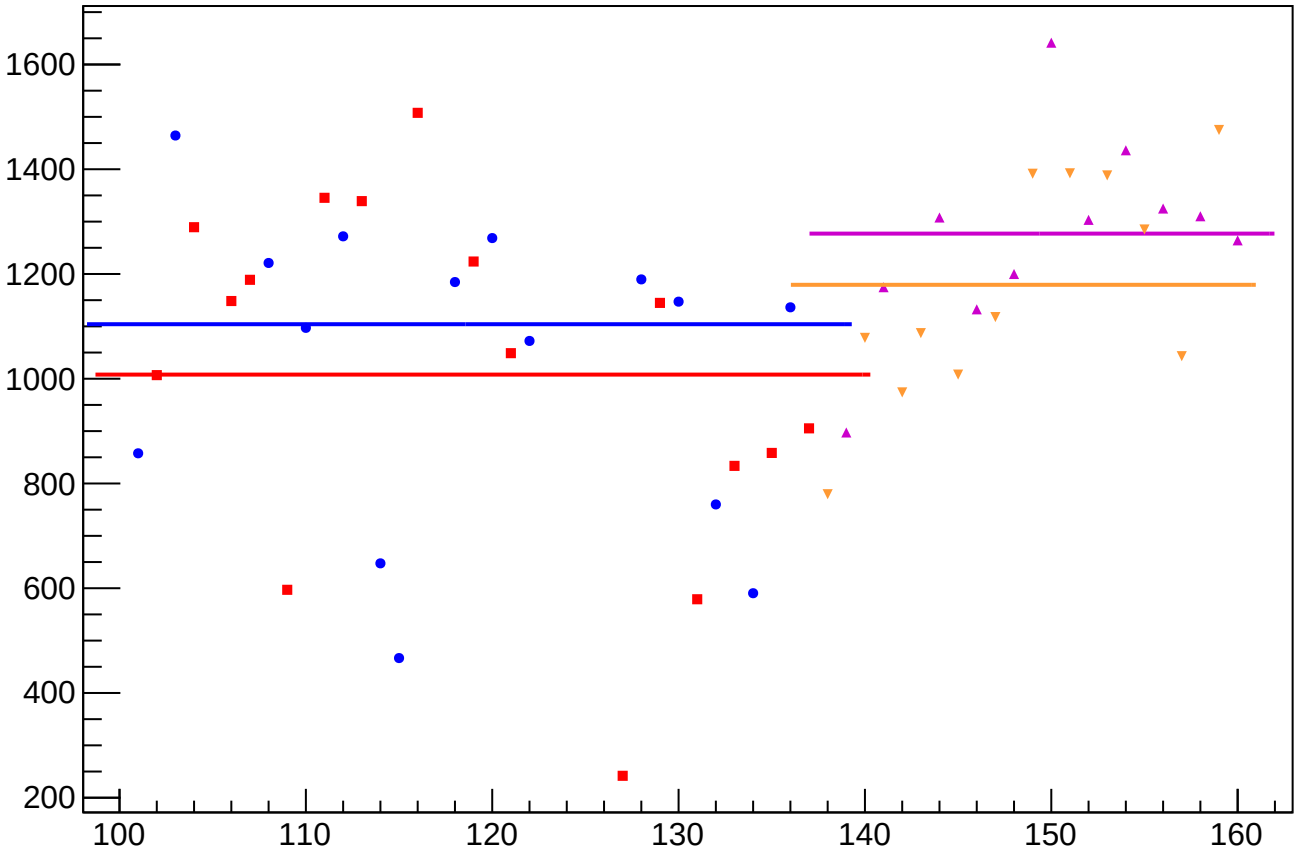
All: 576.292+/-0.000 χ^2/NDF: 666328037619

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

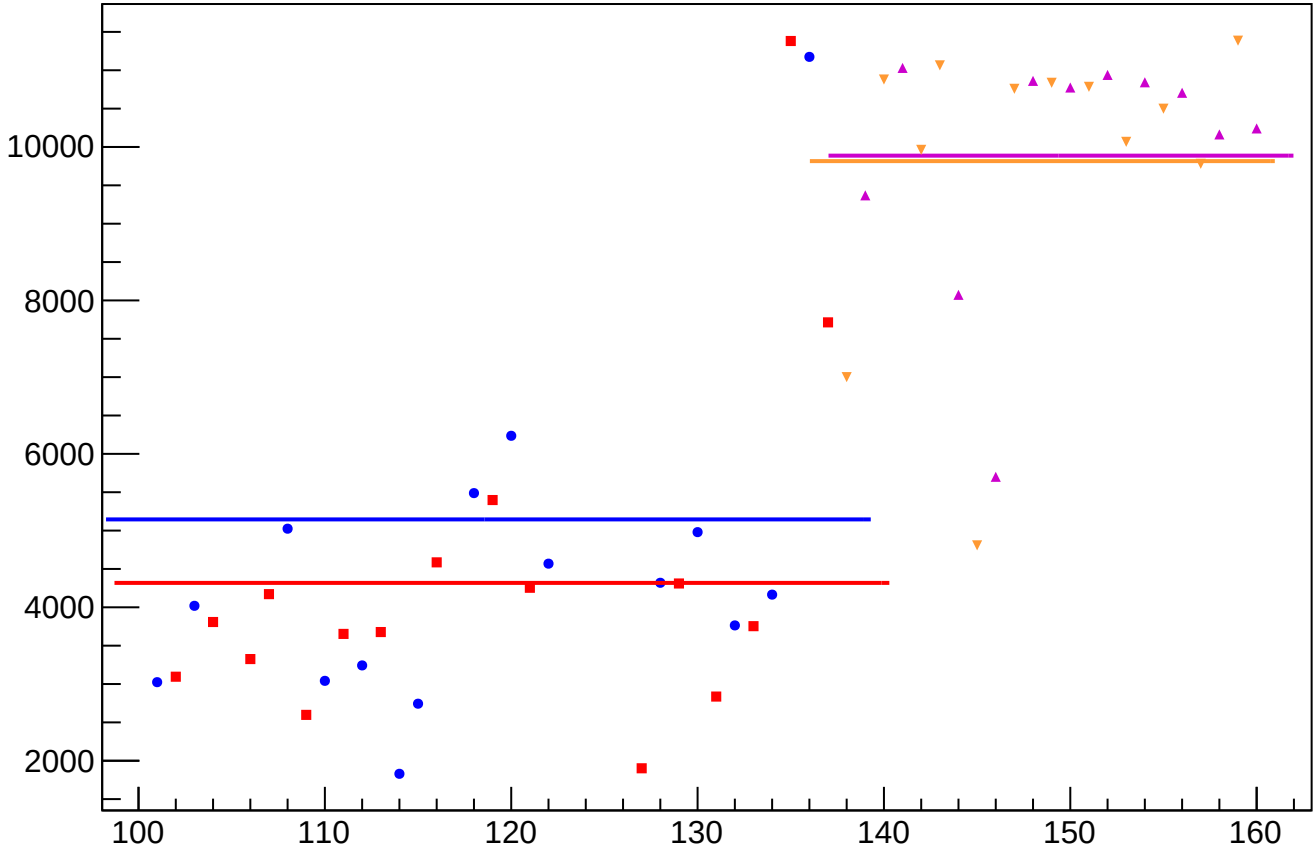
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ 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

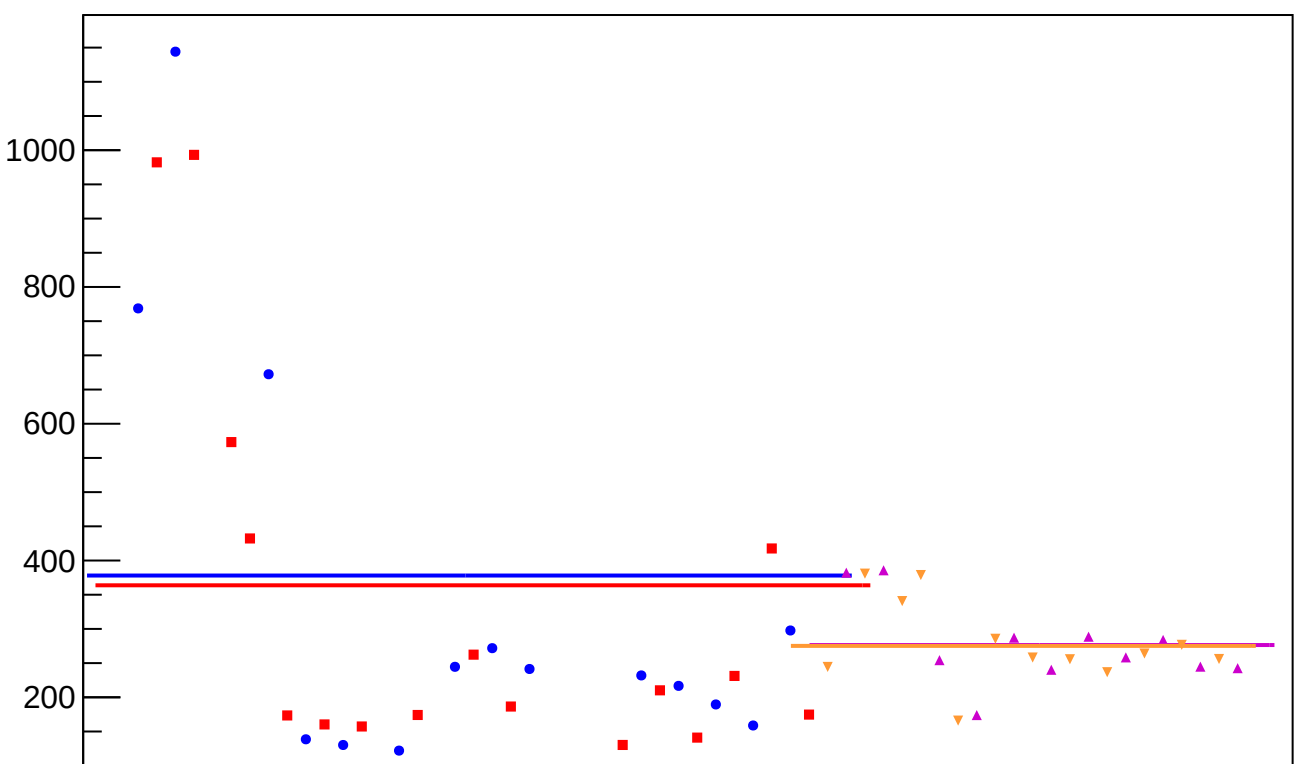
All: 7713.049+/-0.000 χ^2/NDF: 3351230123 5

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

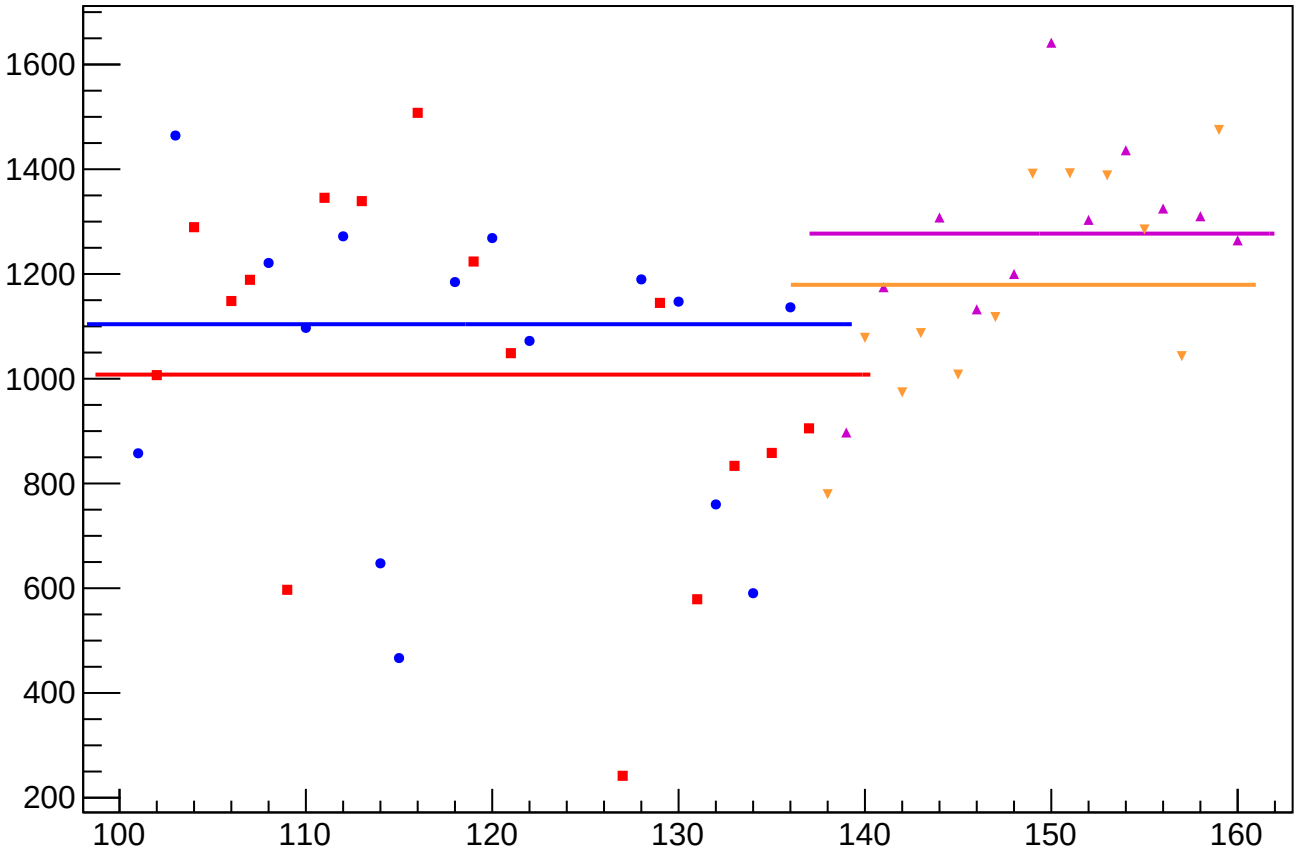
Left In: 276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

+ 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

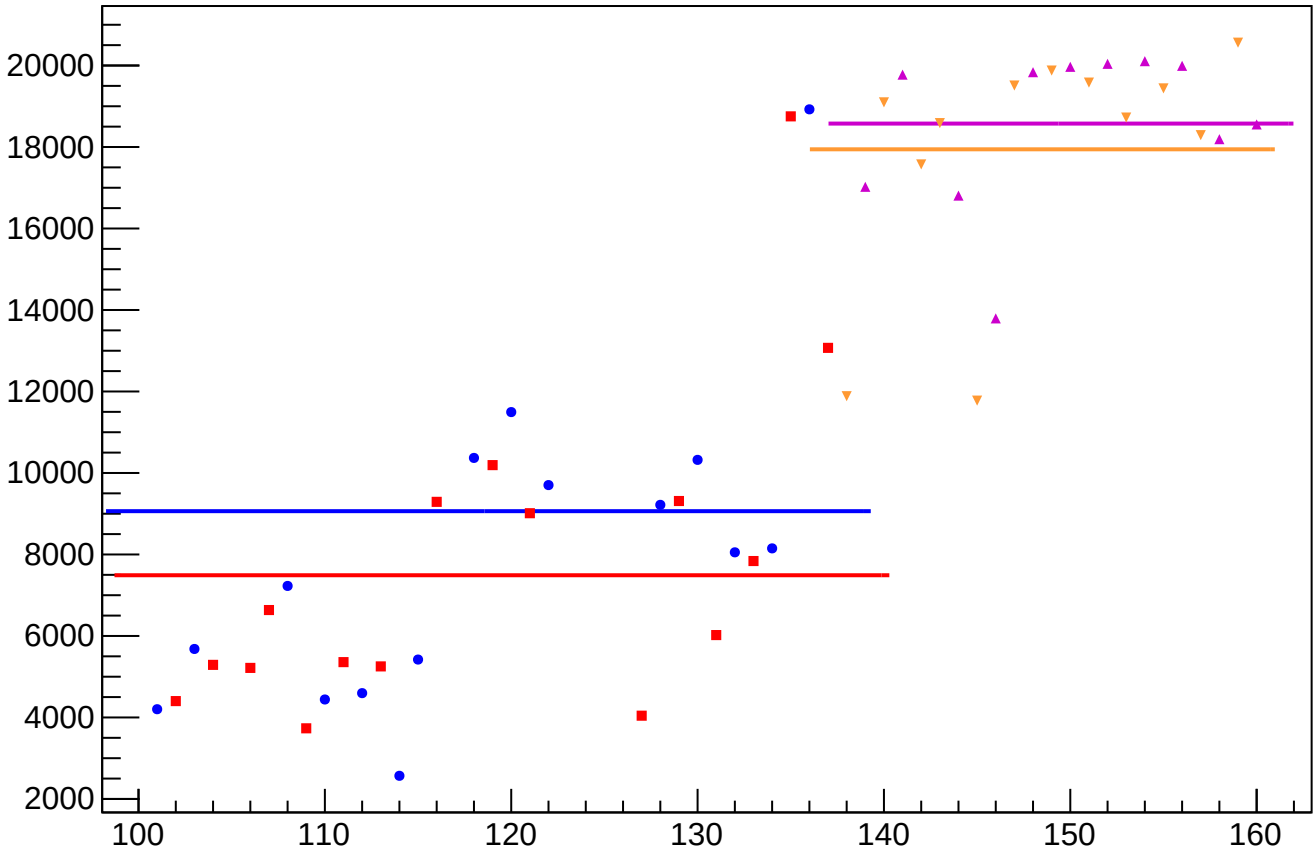
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ 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

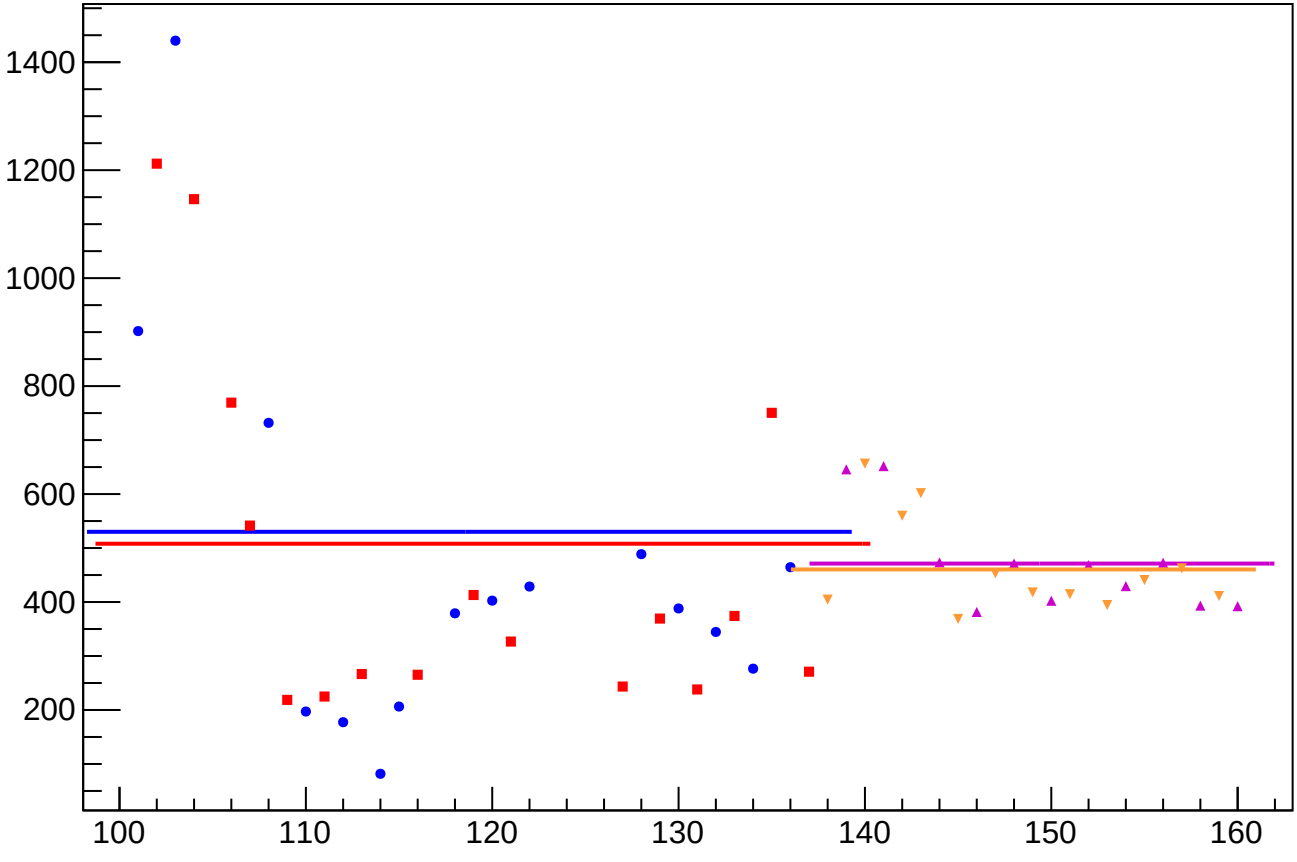
All: 14090.424+/-0.000 χ^2/NDF: 1121885161

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

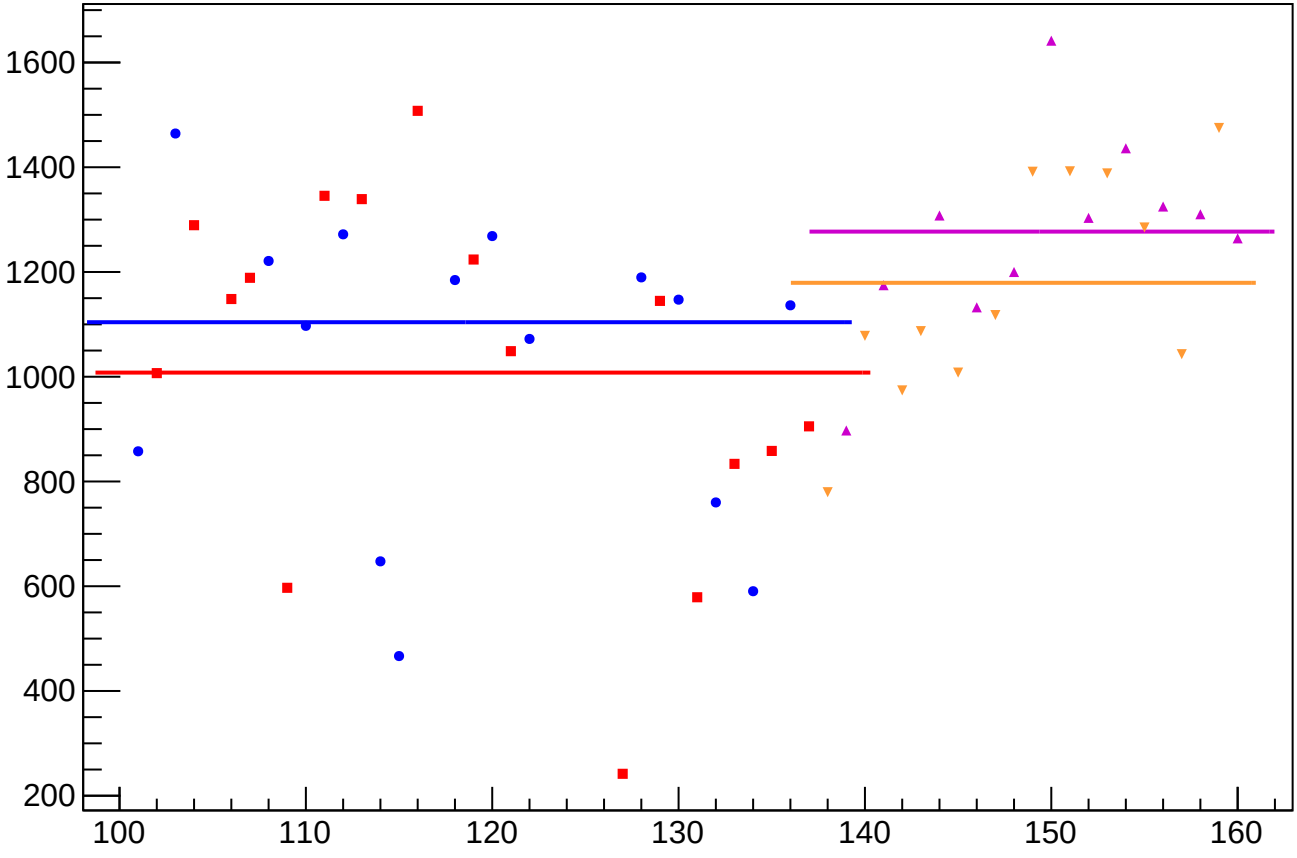
Left In: 471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

+ 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

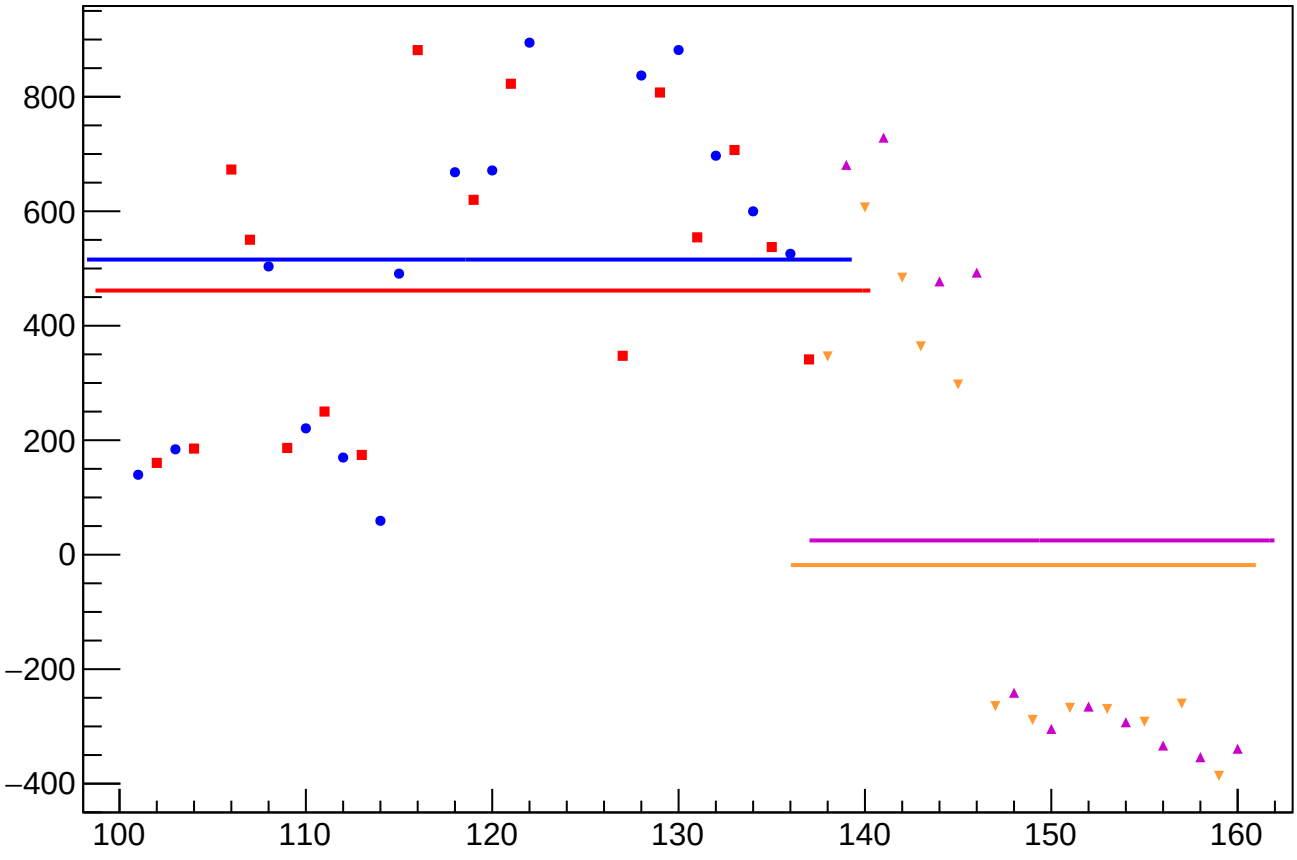
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

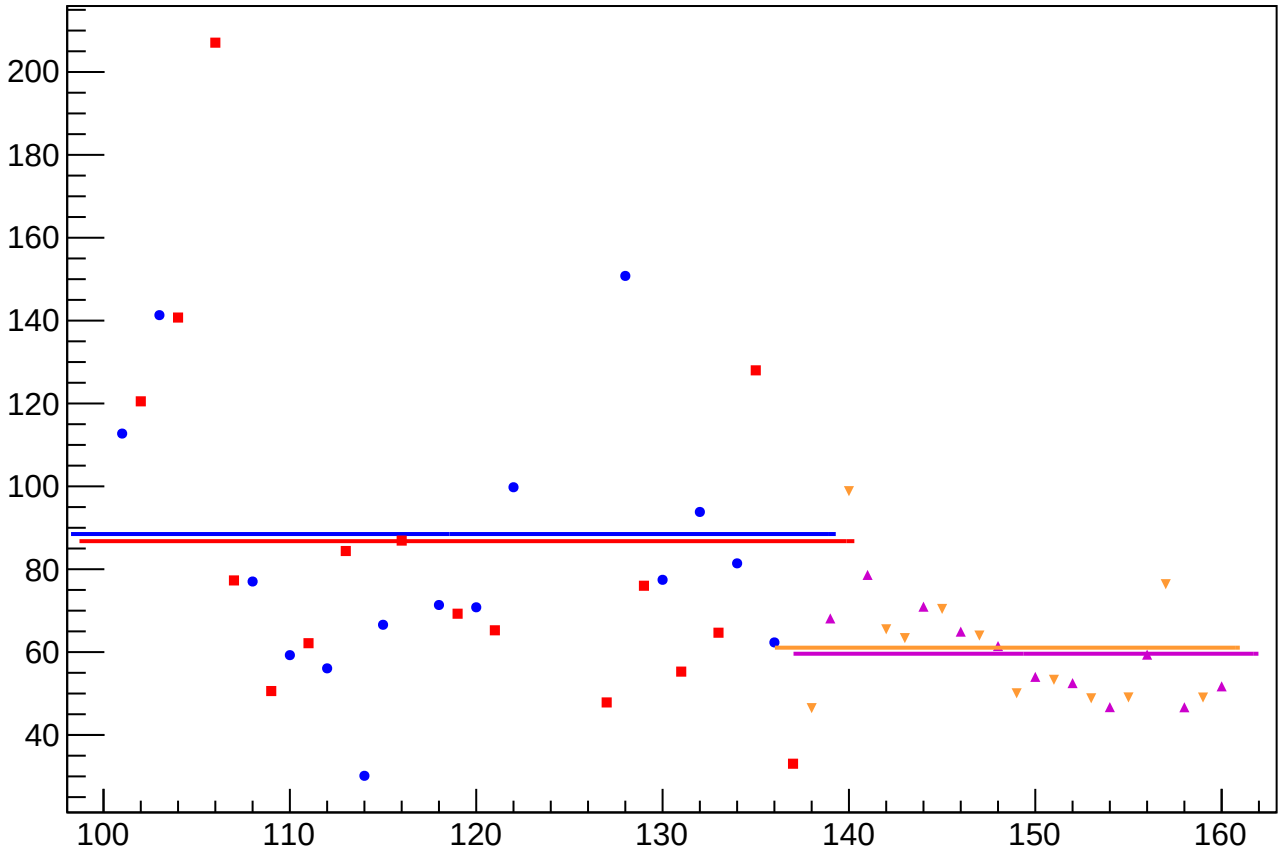
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

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

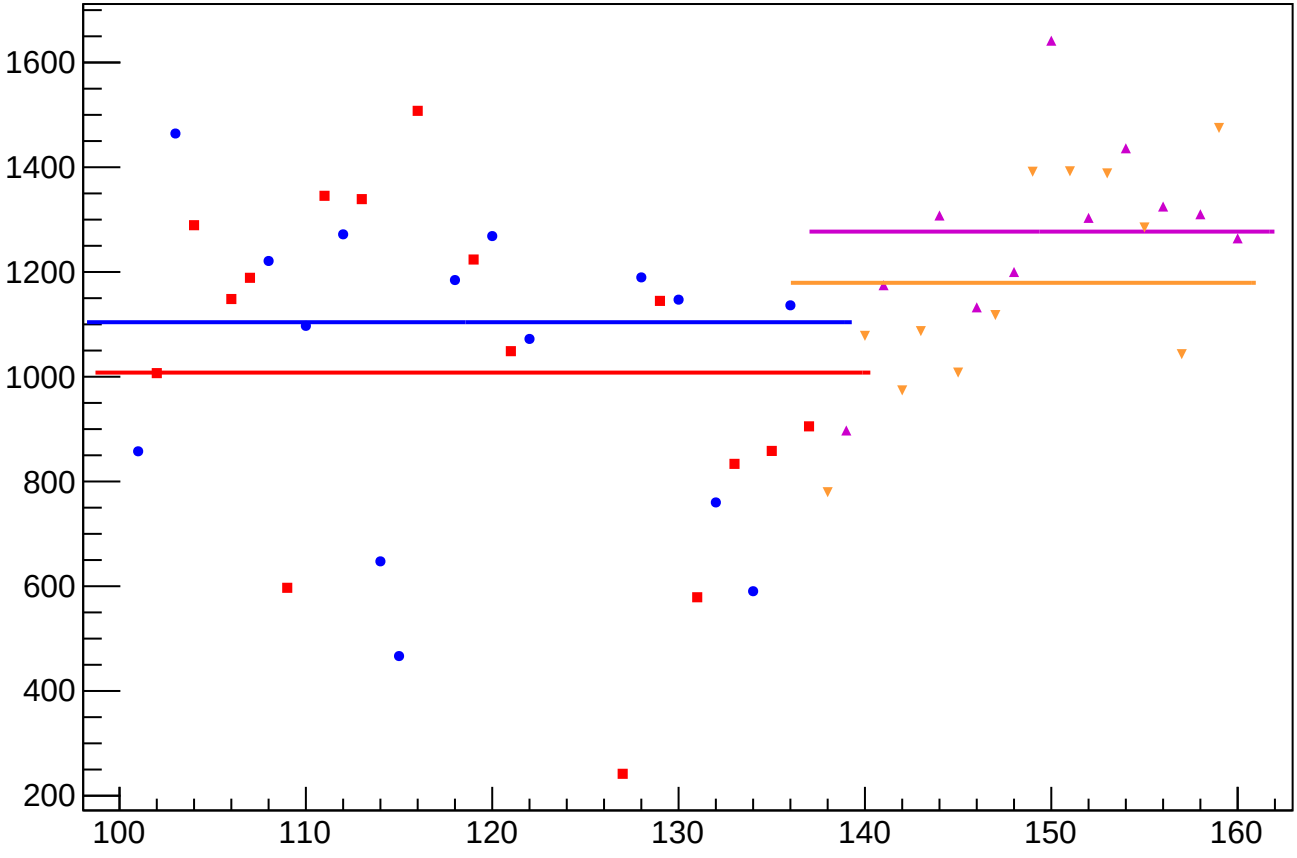
All: 71.718+/-0.000 χ^2/NDF: 2577899671839

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

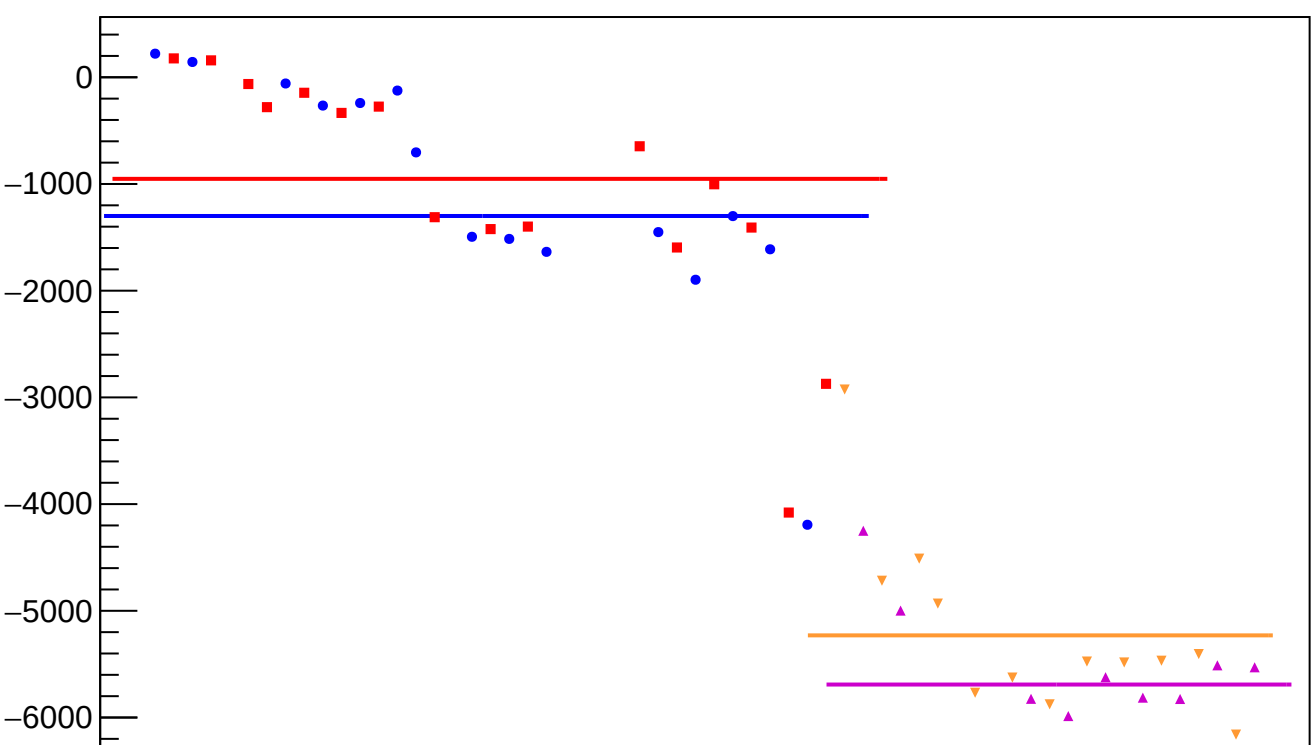
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ sign 1148.100+/-0.000 χ^2/NDF: 7362836895862 5

All: 1156.244+/-0.000 χ^2/NDF: 2005610203 4

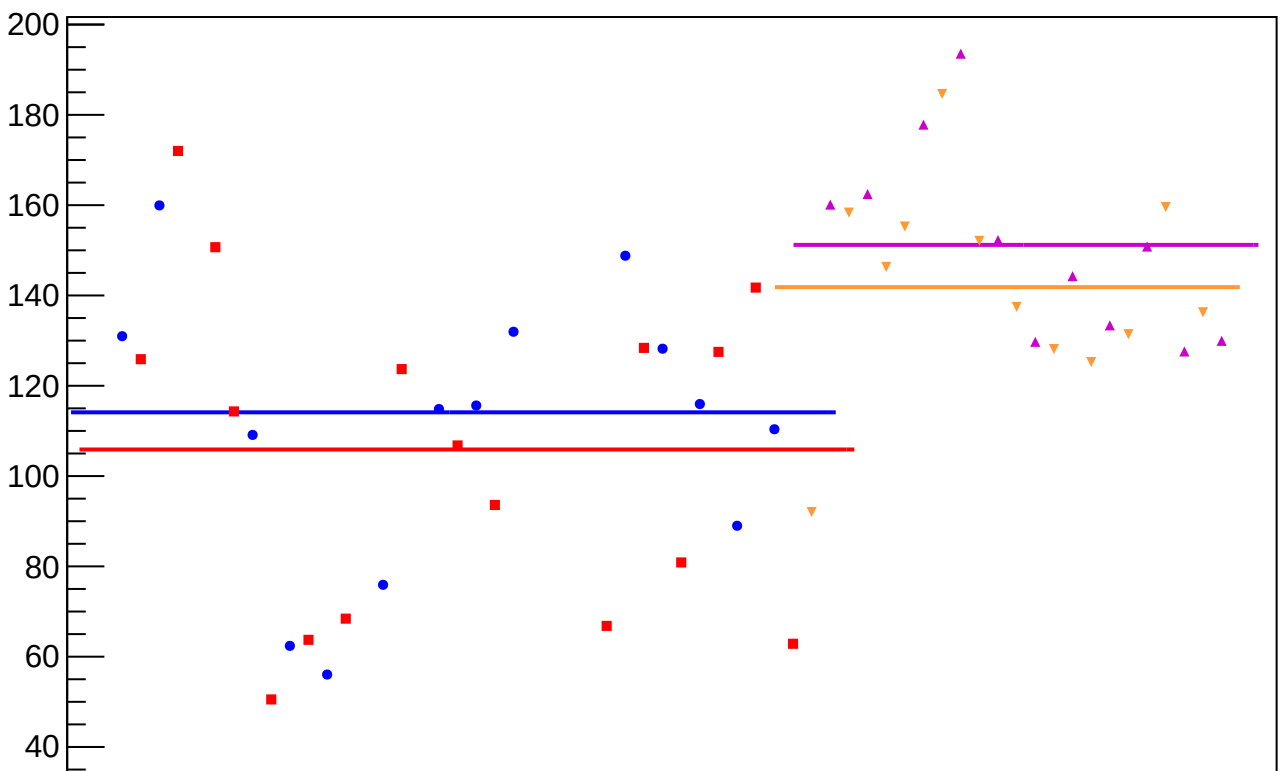
- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

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

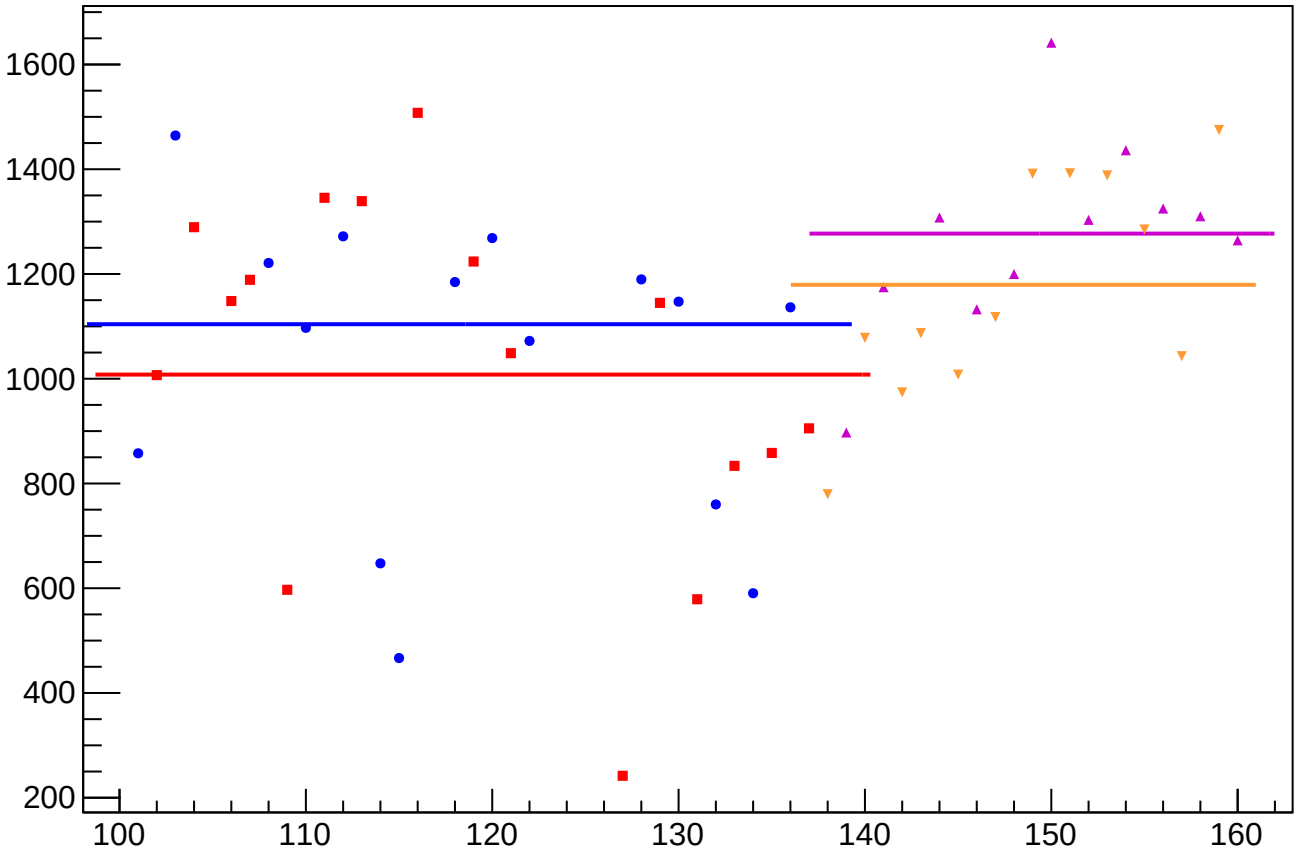
Left In: 151.203+/-0.000 χ^2/NDF:382227652604999337577431549784096768.0/10

+ 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

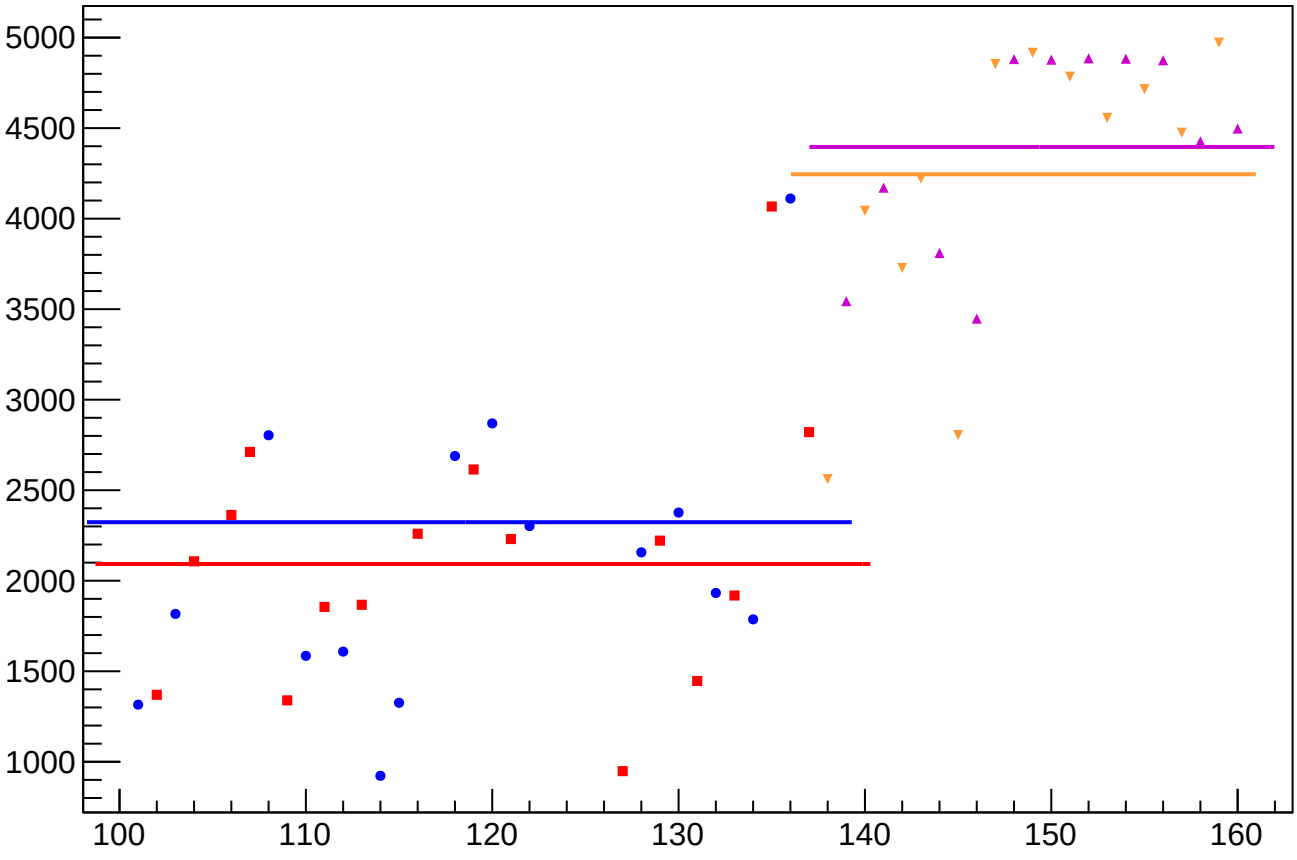
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ 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

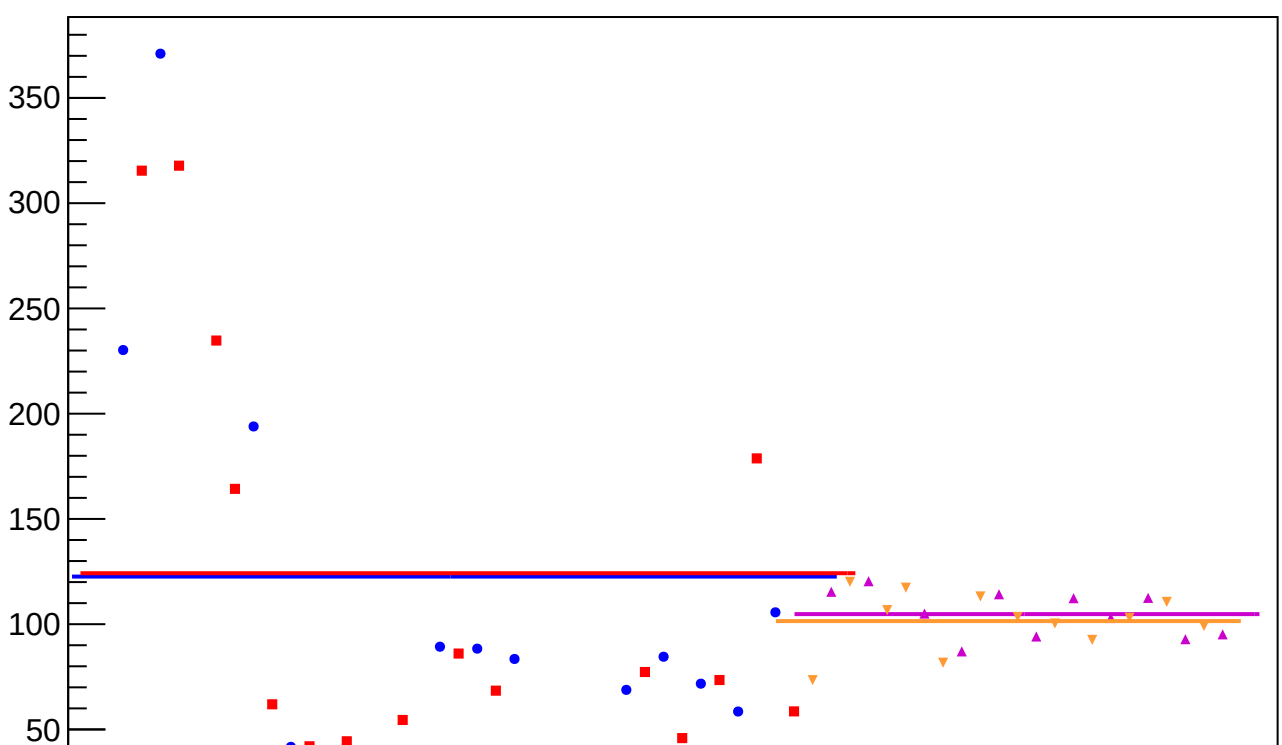
Left In: 4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

+ 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

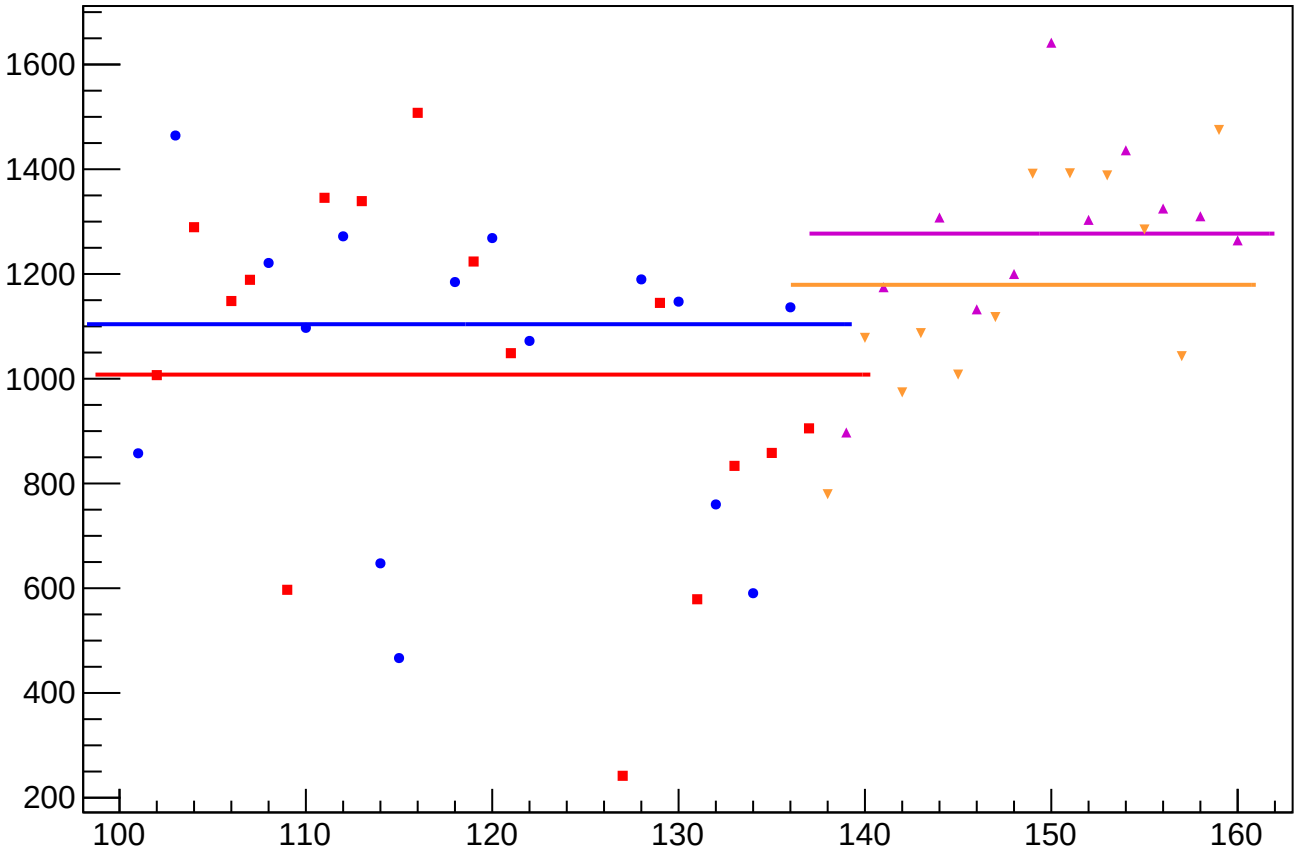
Left In: 104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

+ 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

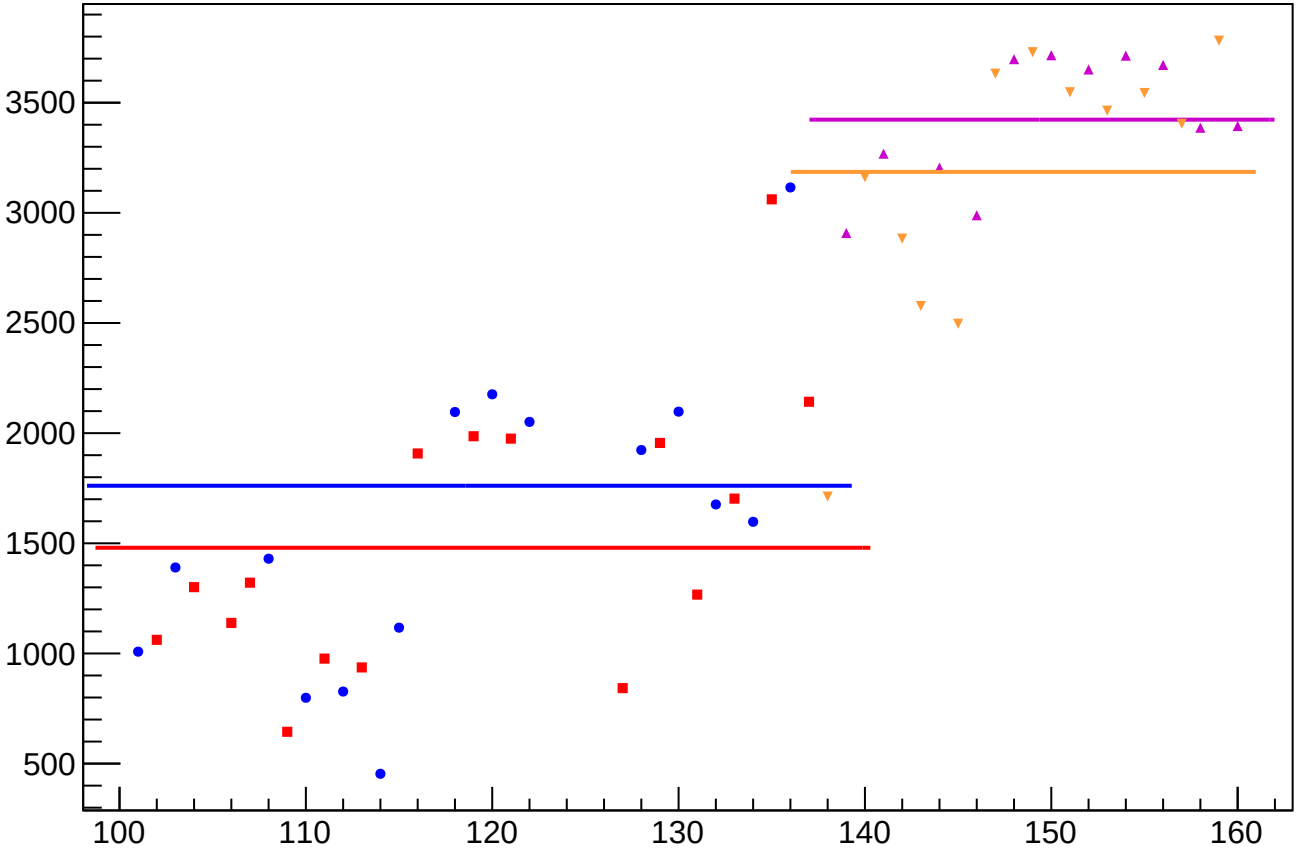
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ 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

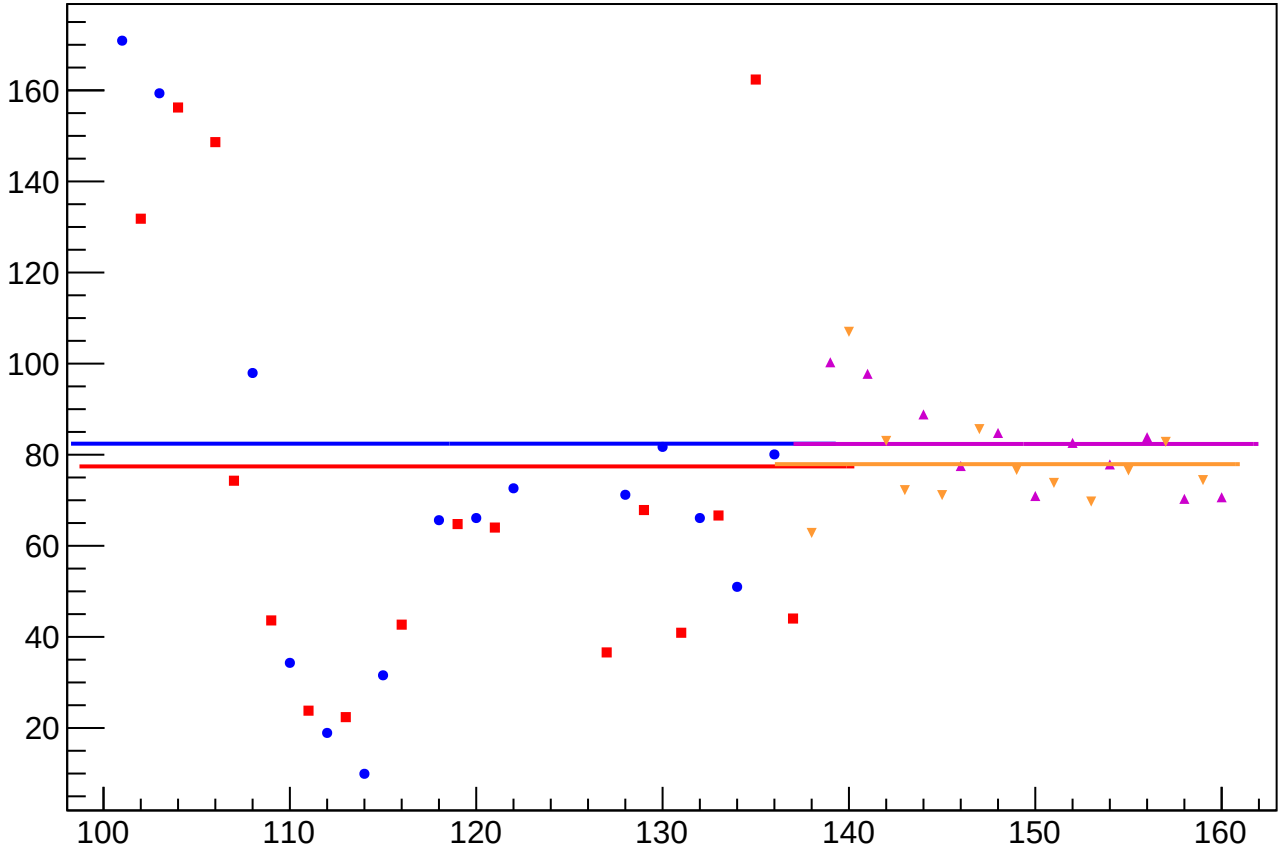
Left In: 3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

+ 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

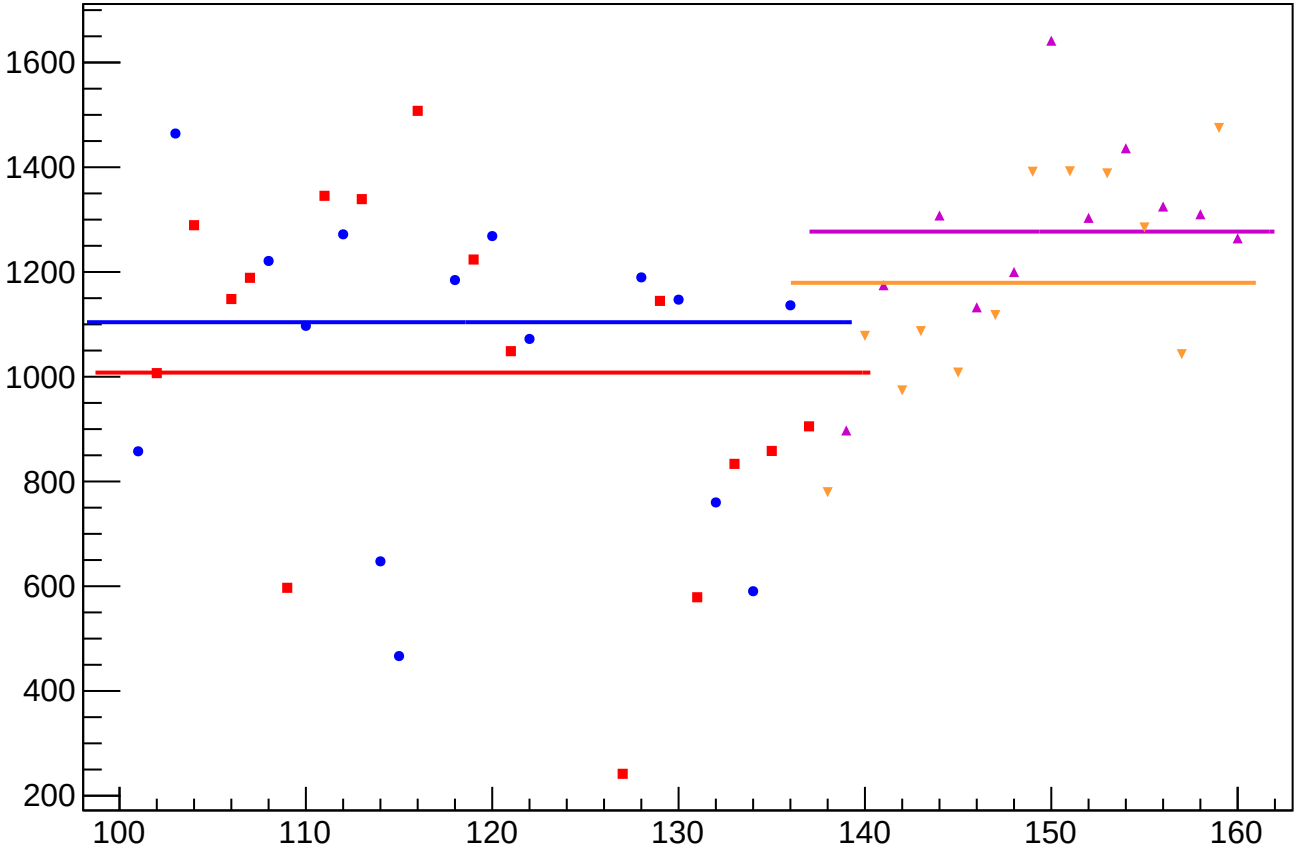
All: 80.046+/-0.000 χ^2/NDF: 299335194248 3

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

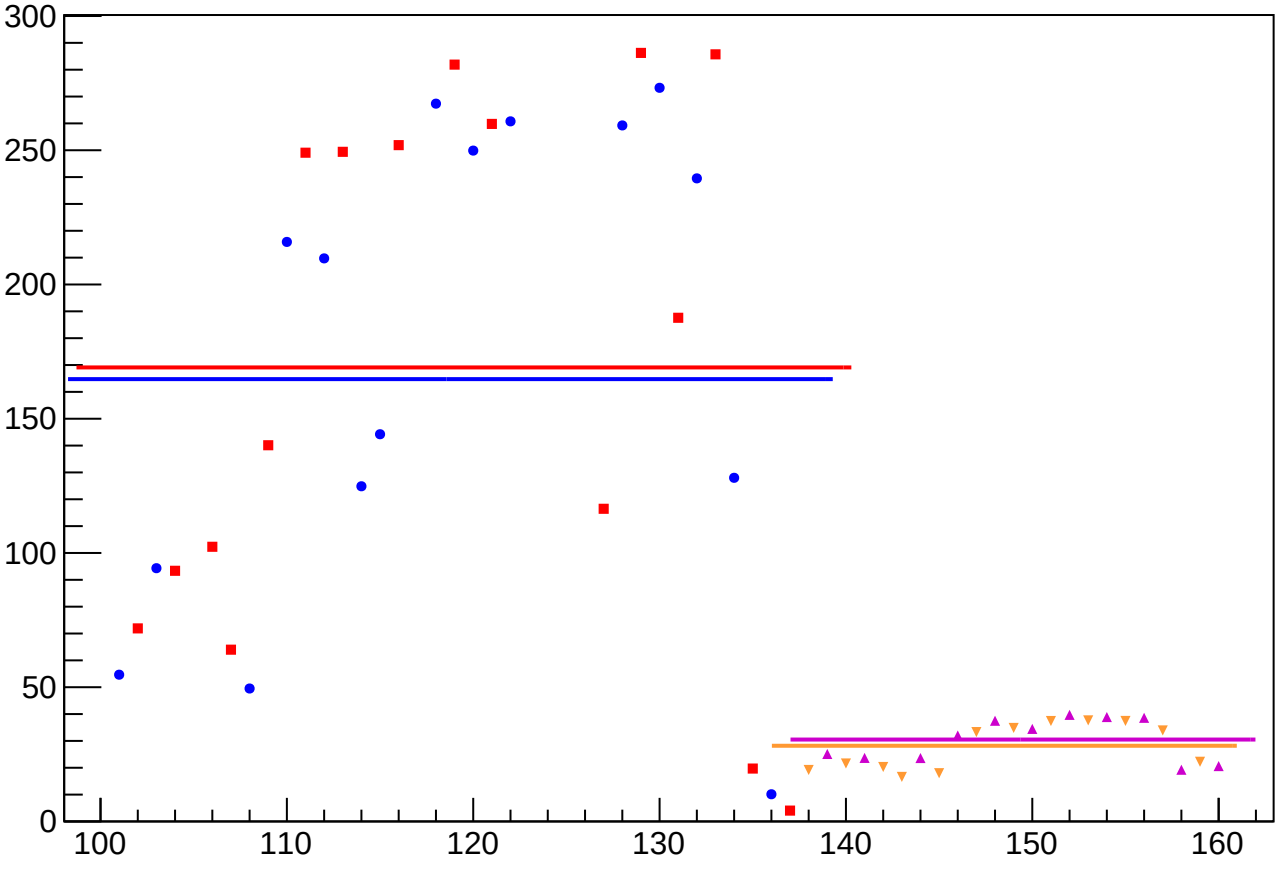
Left In: 1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

+ 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

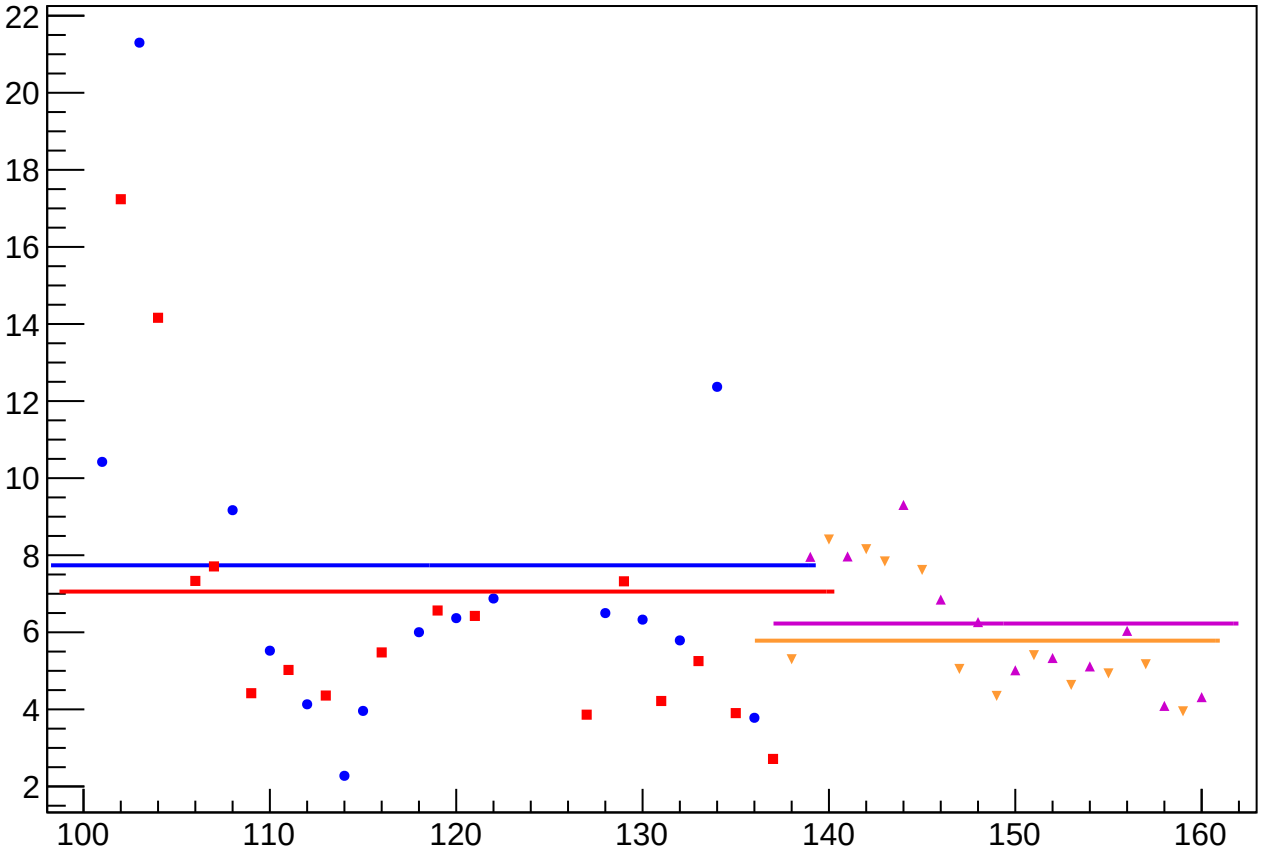
All: 86.771+/-0.000 χ^2/NDF: 2705497277682

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

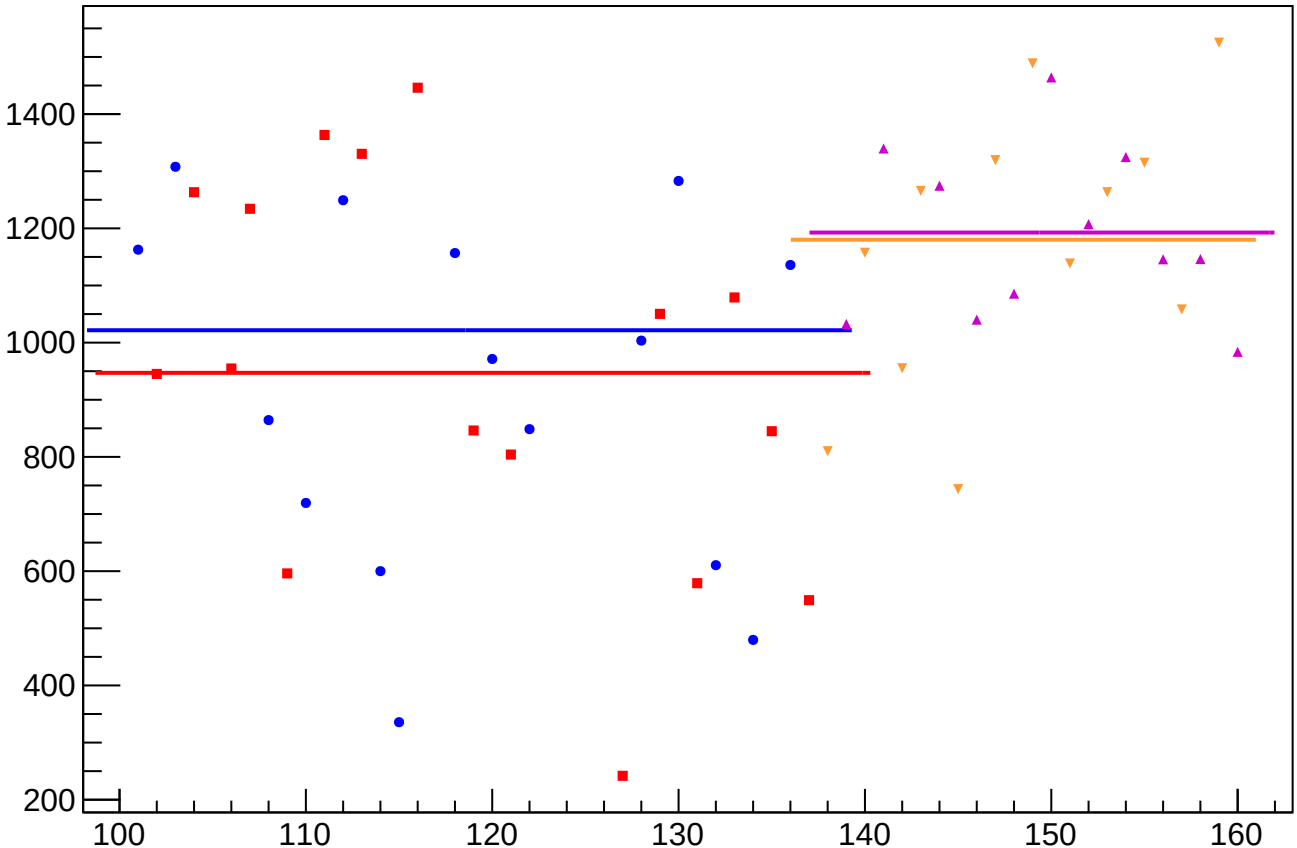
All: 6.585+/-0.000 χ^2/NDF: 3255111946980 5

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

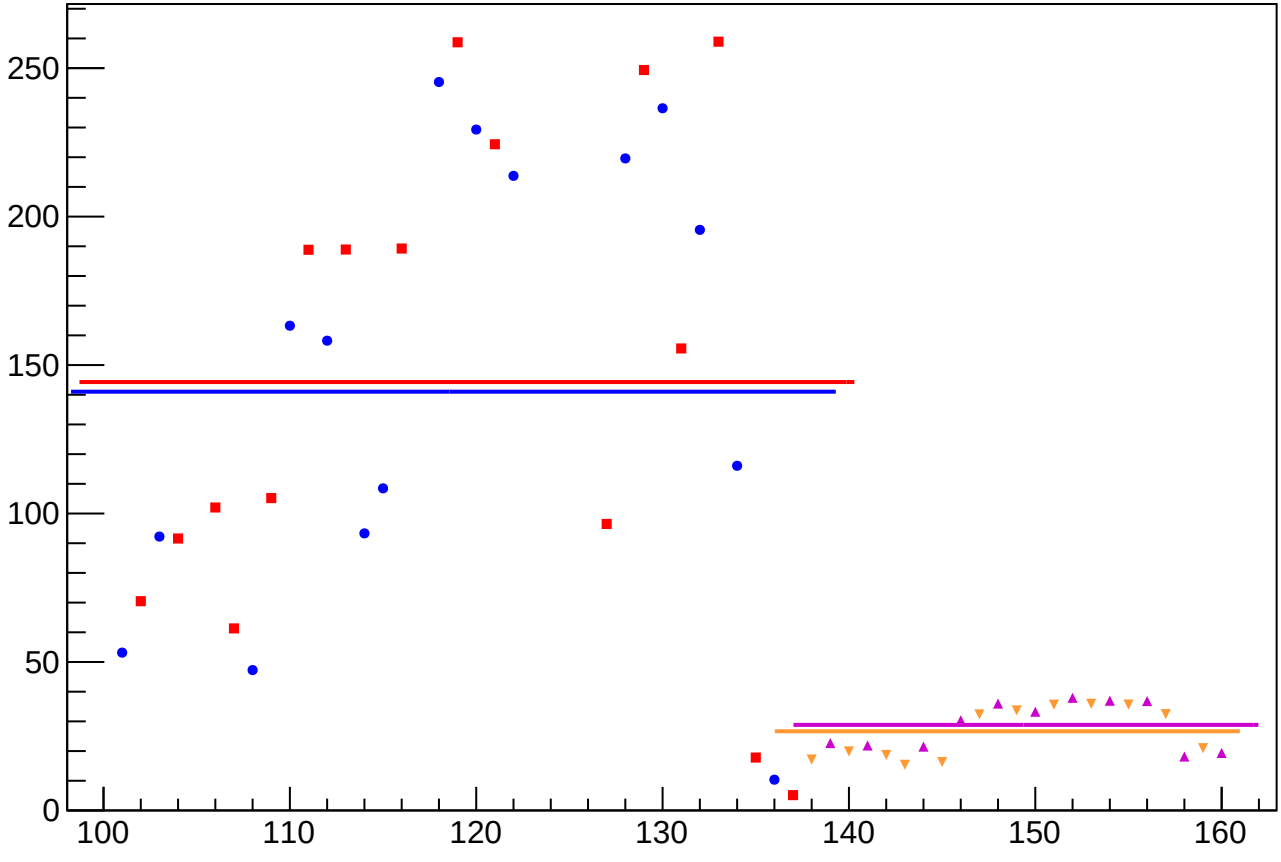
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

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

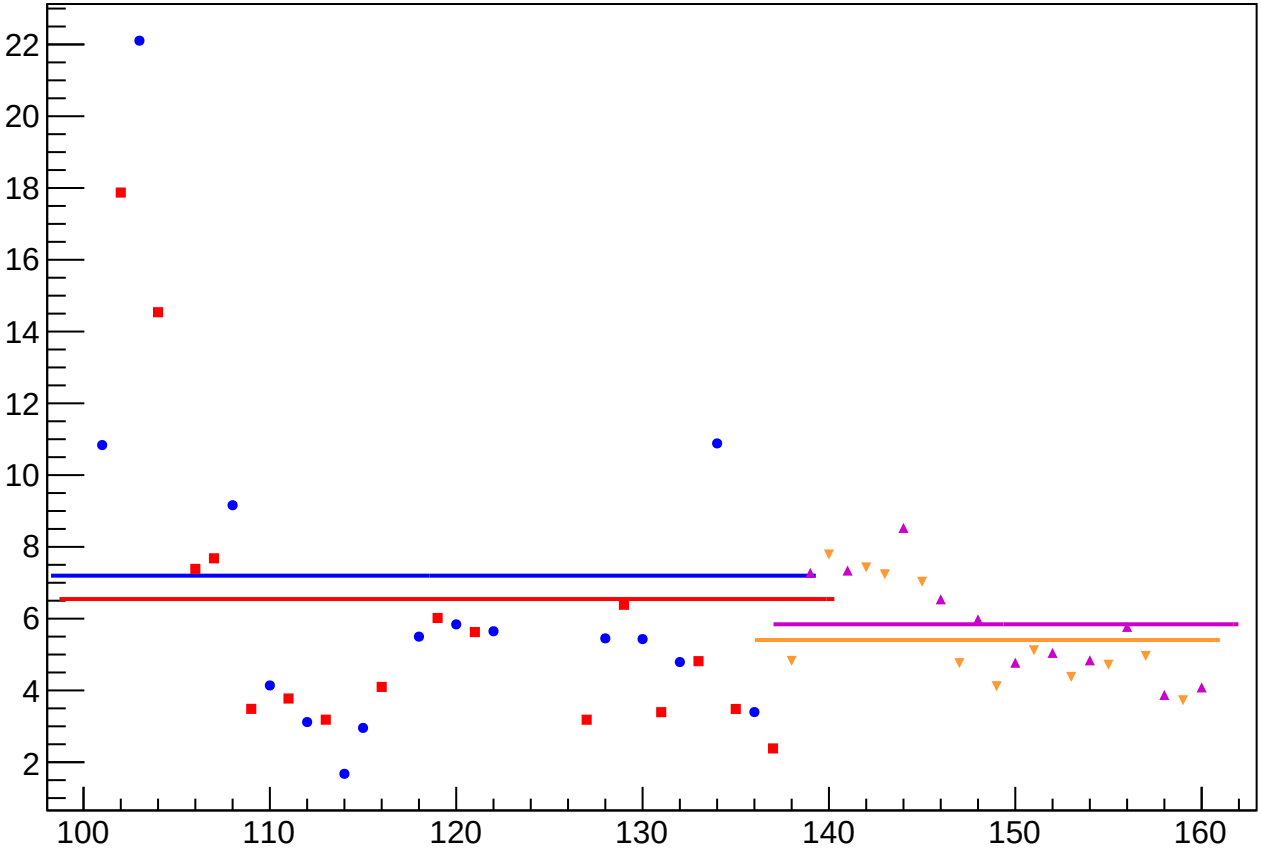
All: 75.703+/-0.000 χ^2/NDF: 1902686413208

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

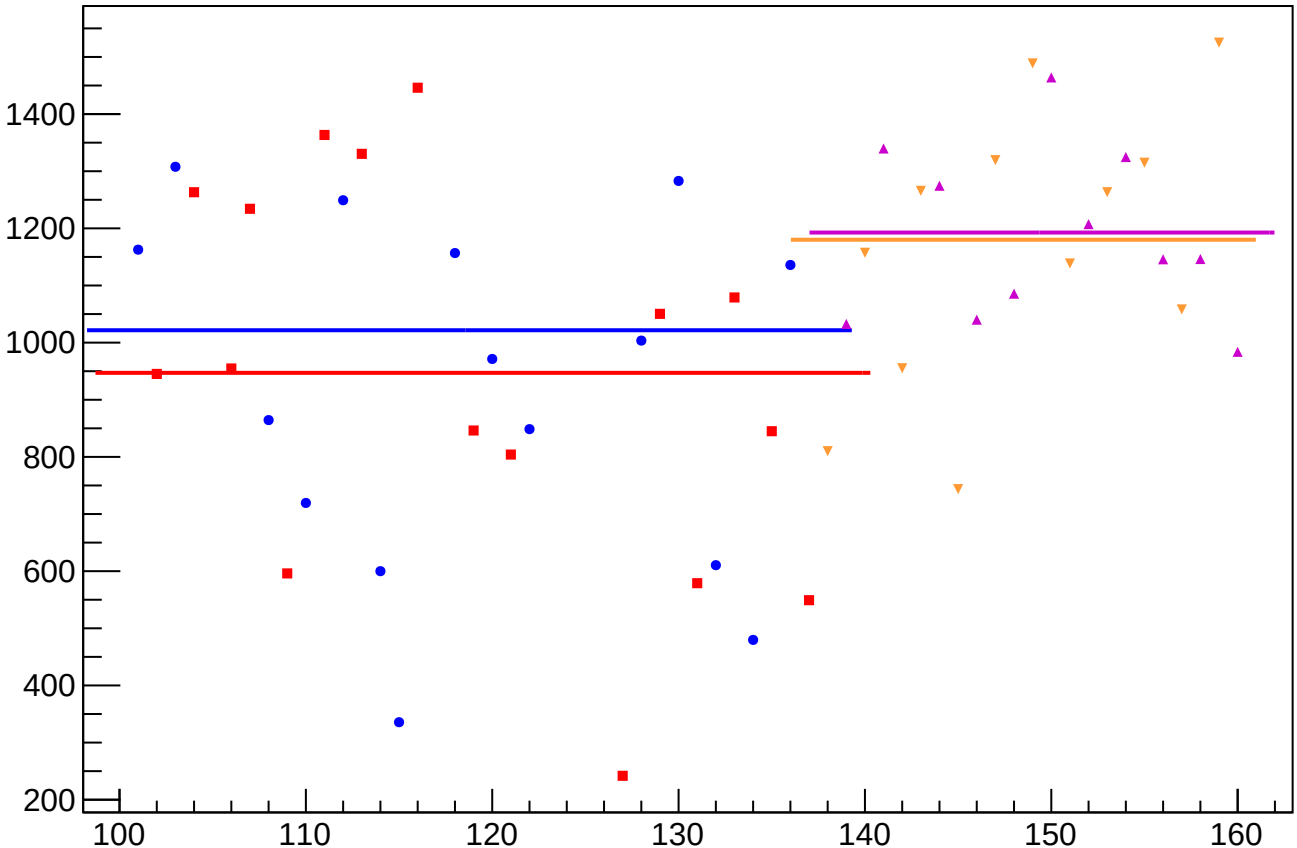
Left In: 5.843+/-0.000 χ^2/NDF:18327868371027078624005378067660 80.0/10

+ 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

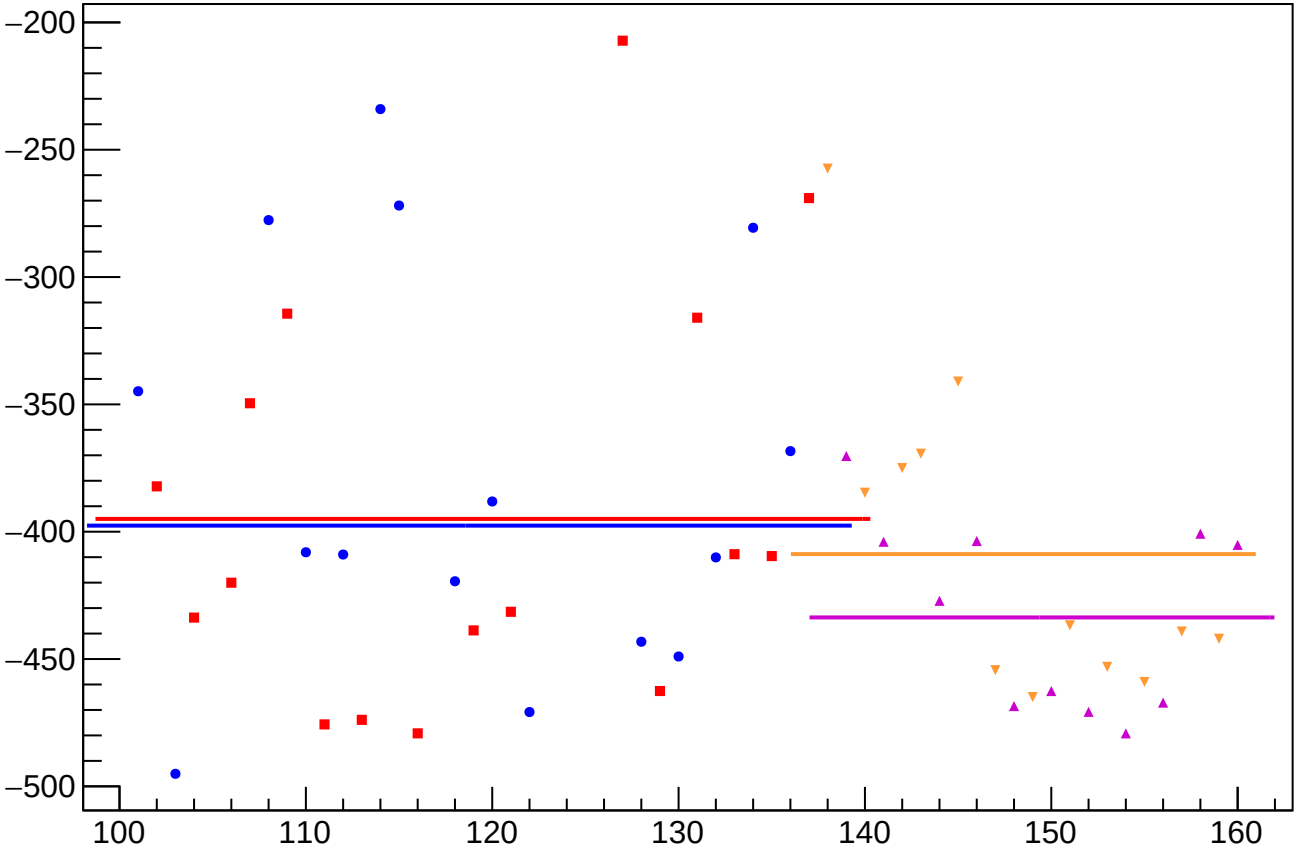
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

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

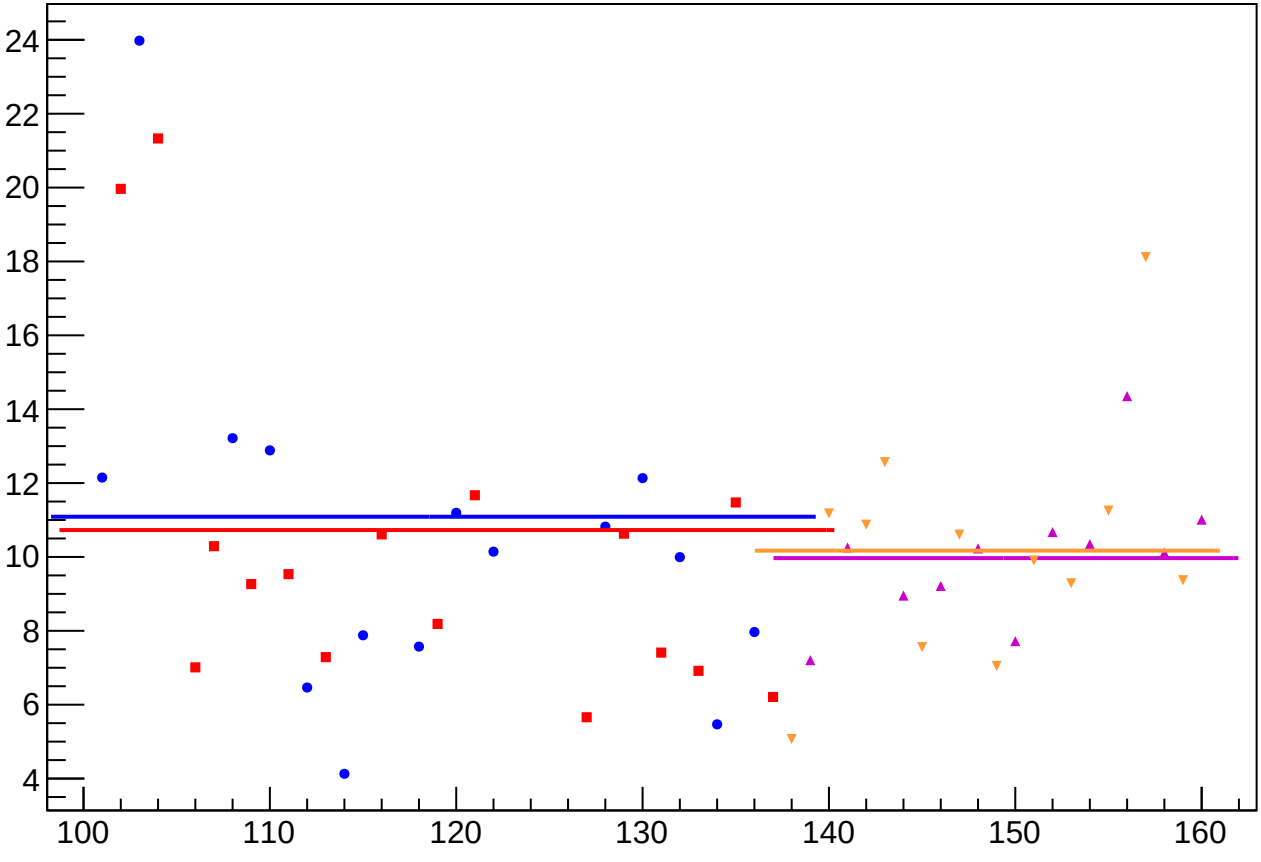
All: -410.856+/-0.000 χ^2/NDF: 11678350413

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

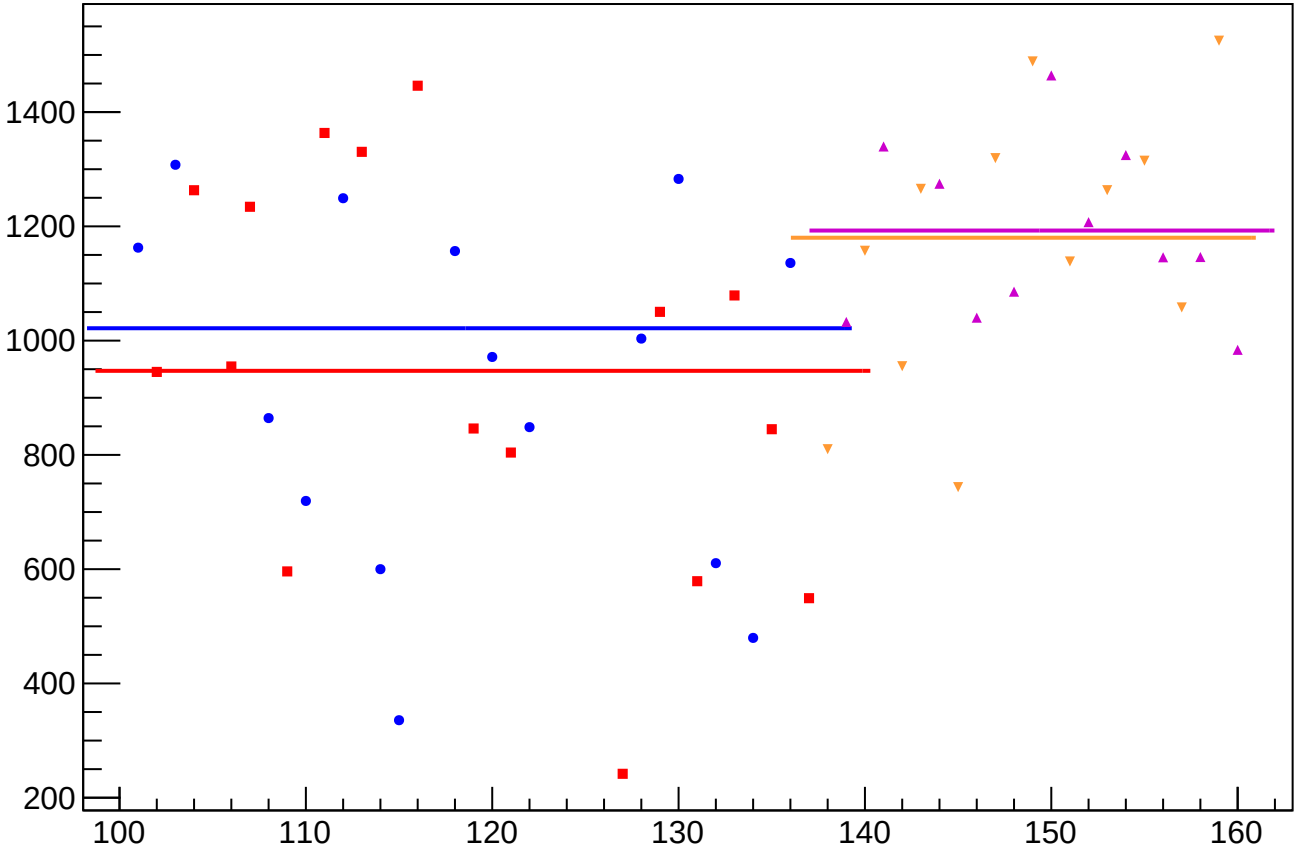
All: 10.418+/-0.000 χ^2/NDF: 415971934979 4

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

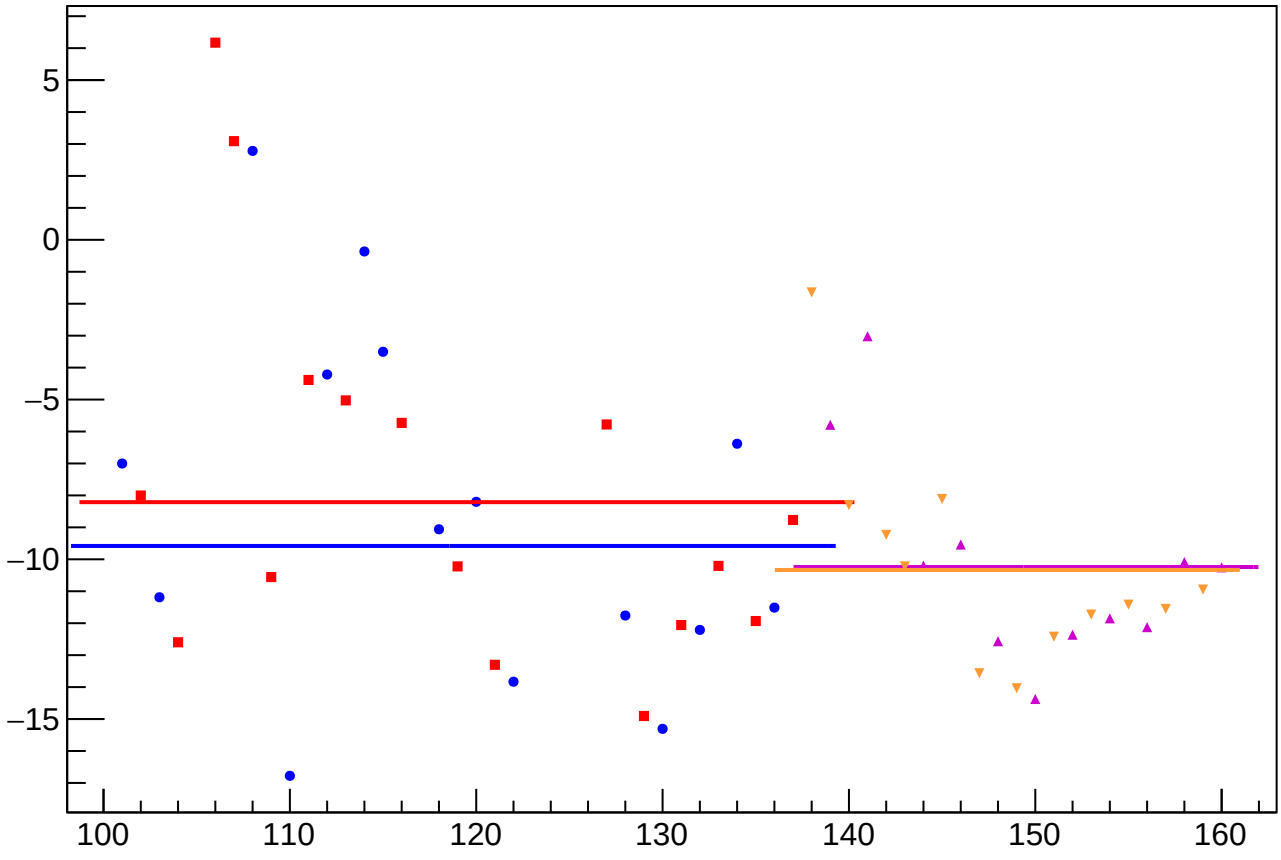
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

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

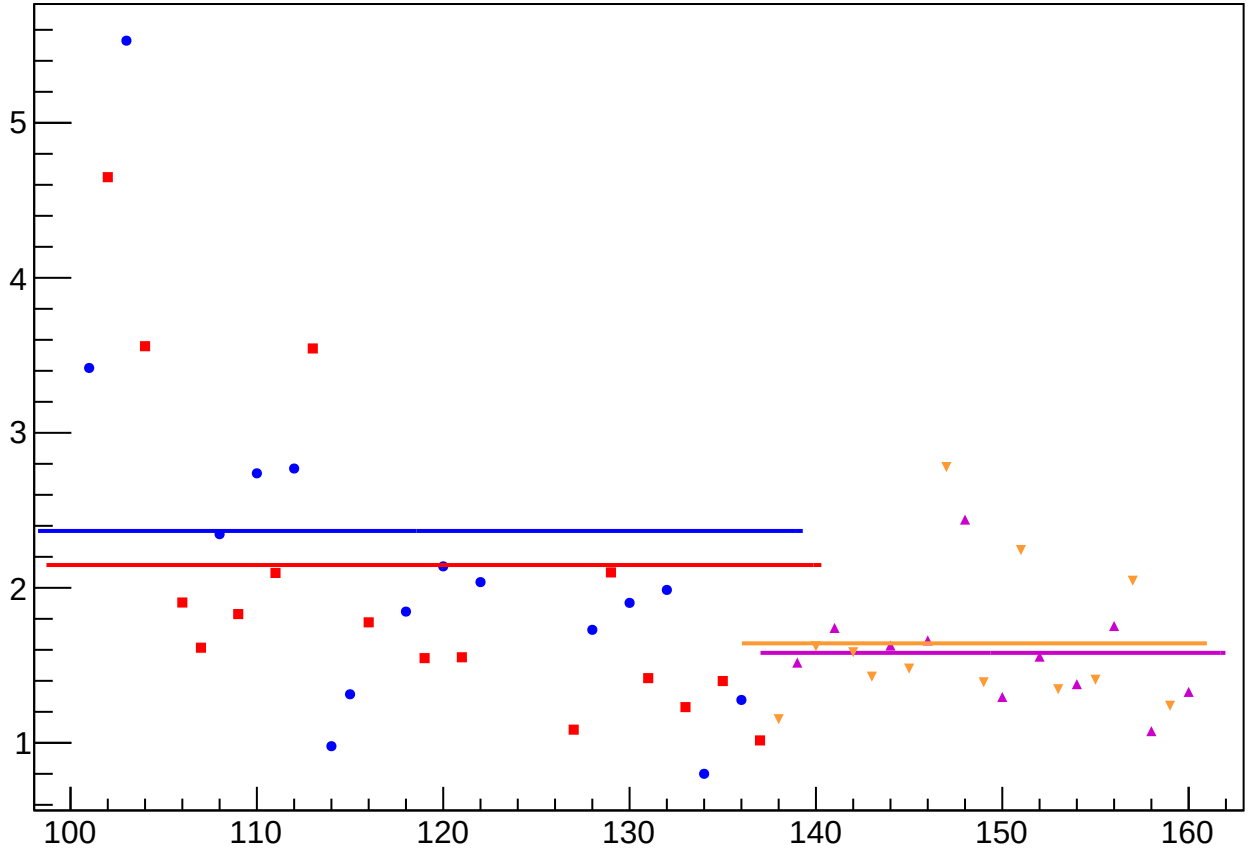
All: -9.703+/-0.000 χ^2/NDF: 5350258312452

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

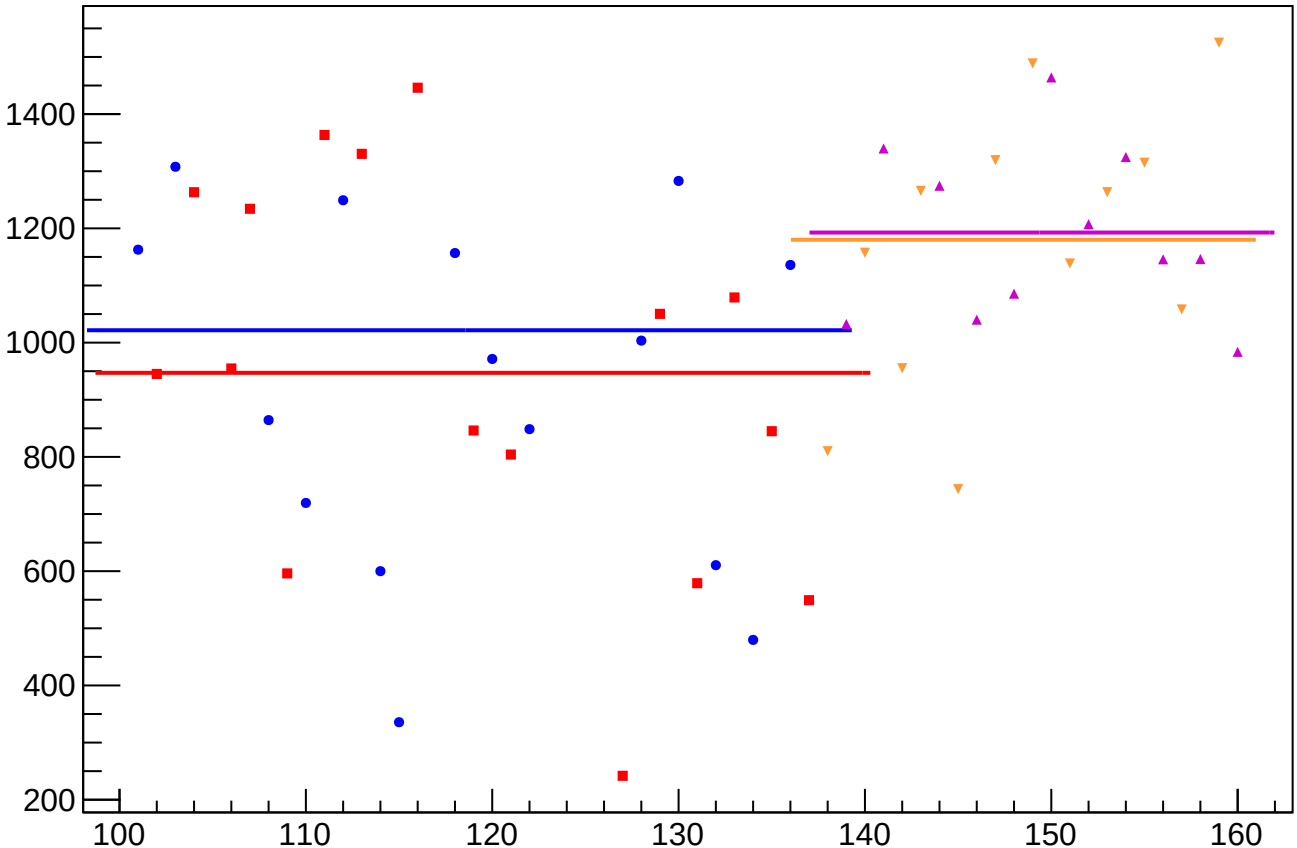
Left In: 1.580+/-0.000 χ^2/NDF:104159820106689813353171792166912.0/10

+ 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

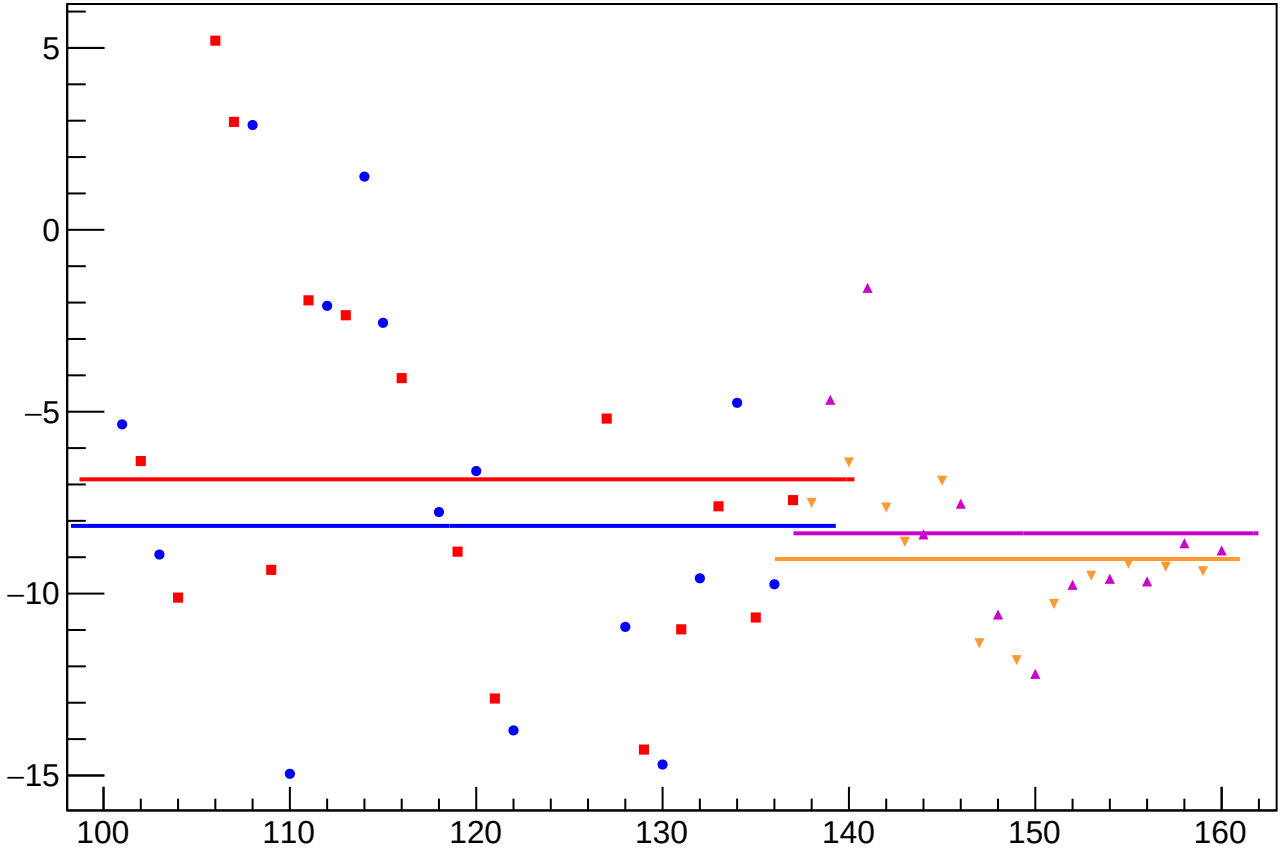
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

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

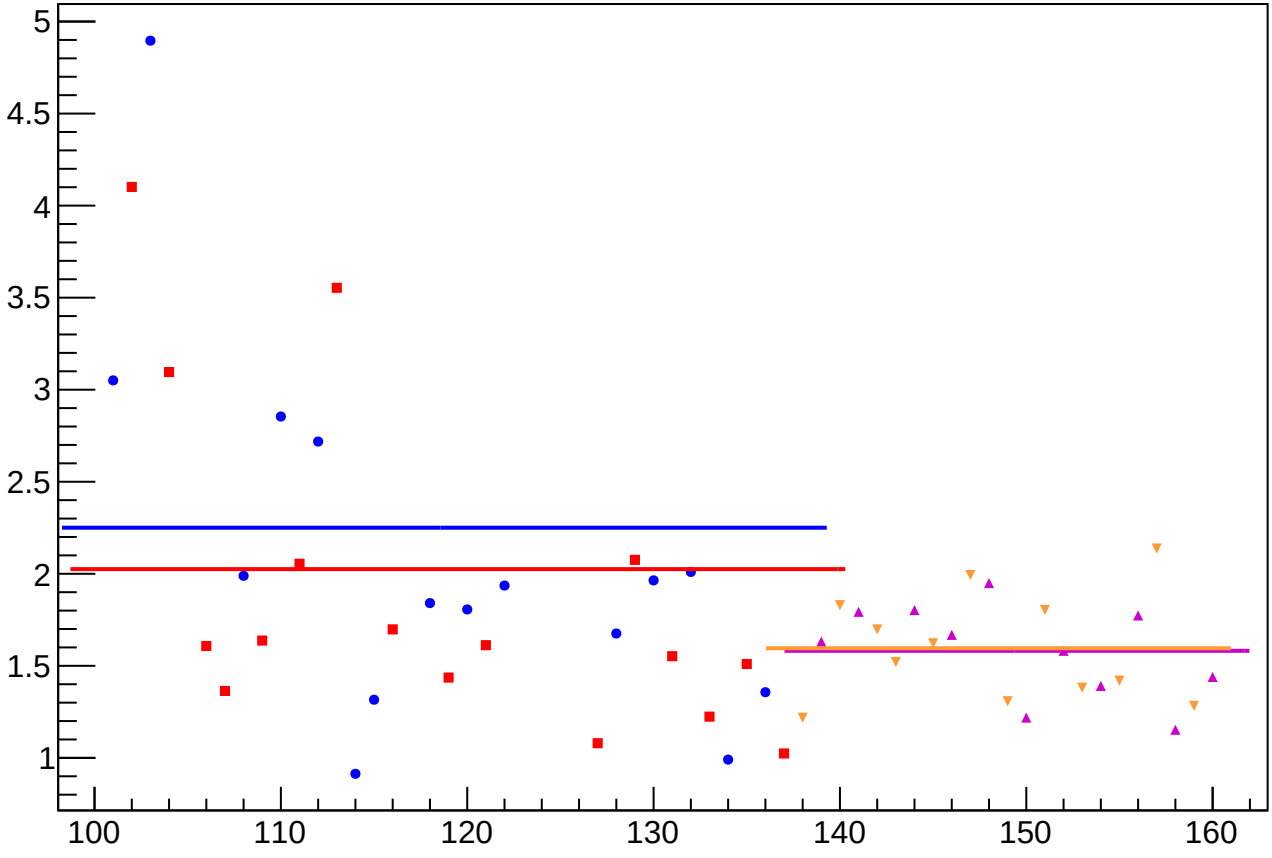
Left In: -8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

+ 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

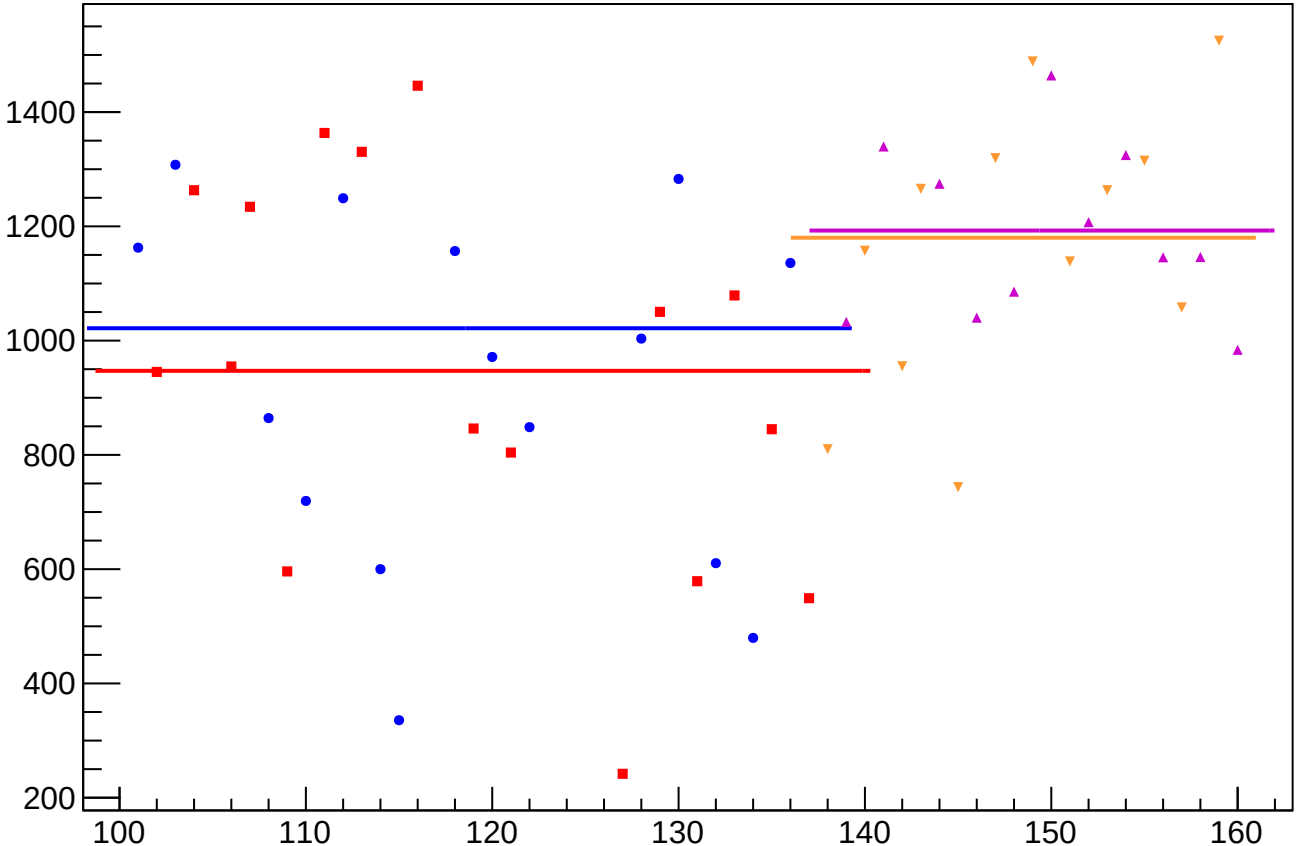
Left In: 1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

+ 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

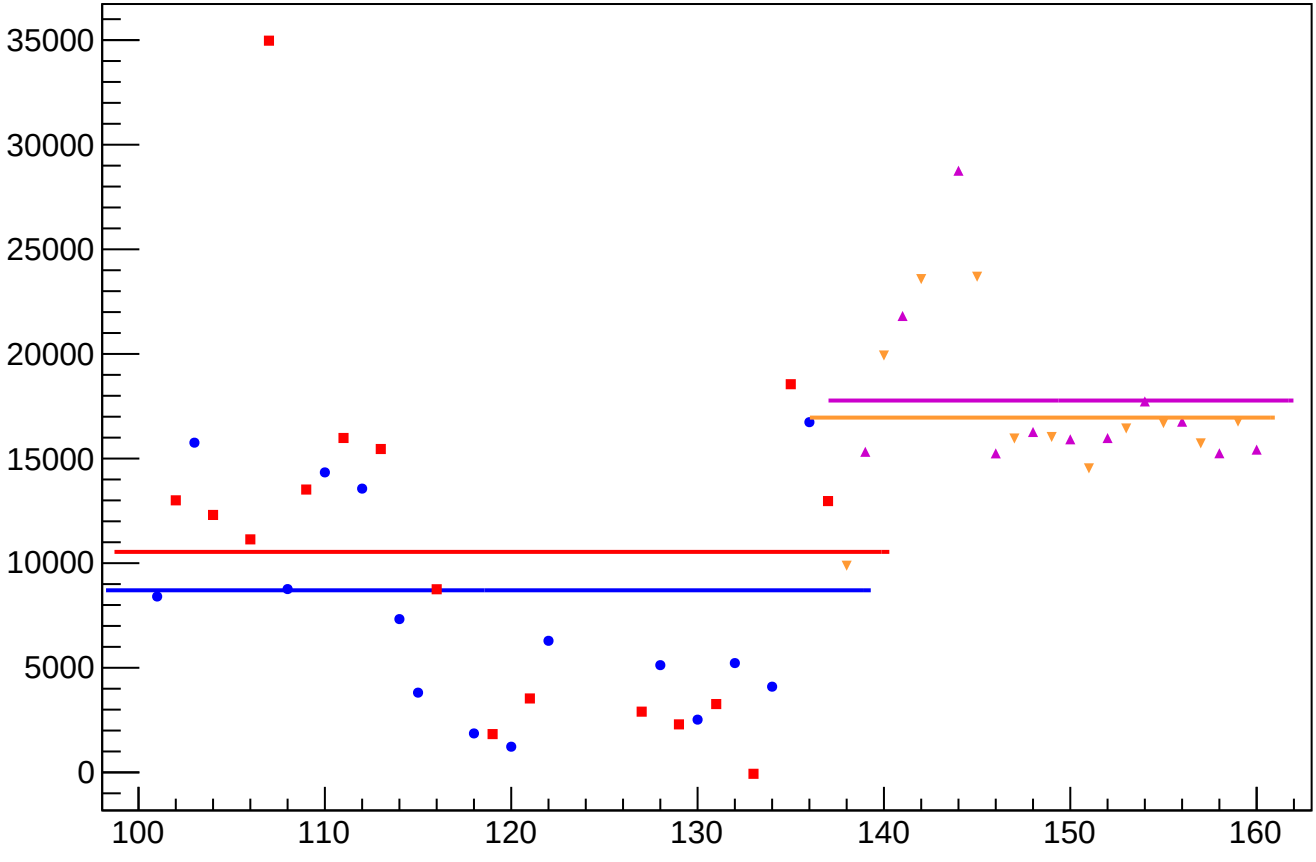
Left In: 1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

+ 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

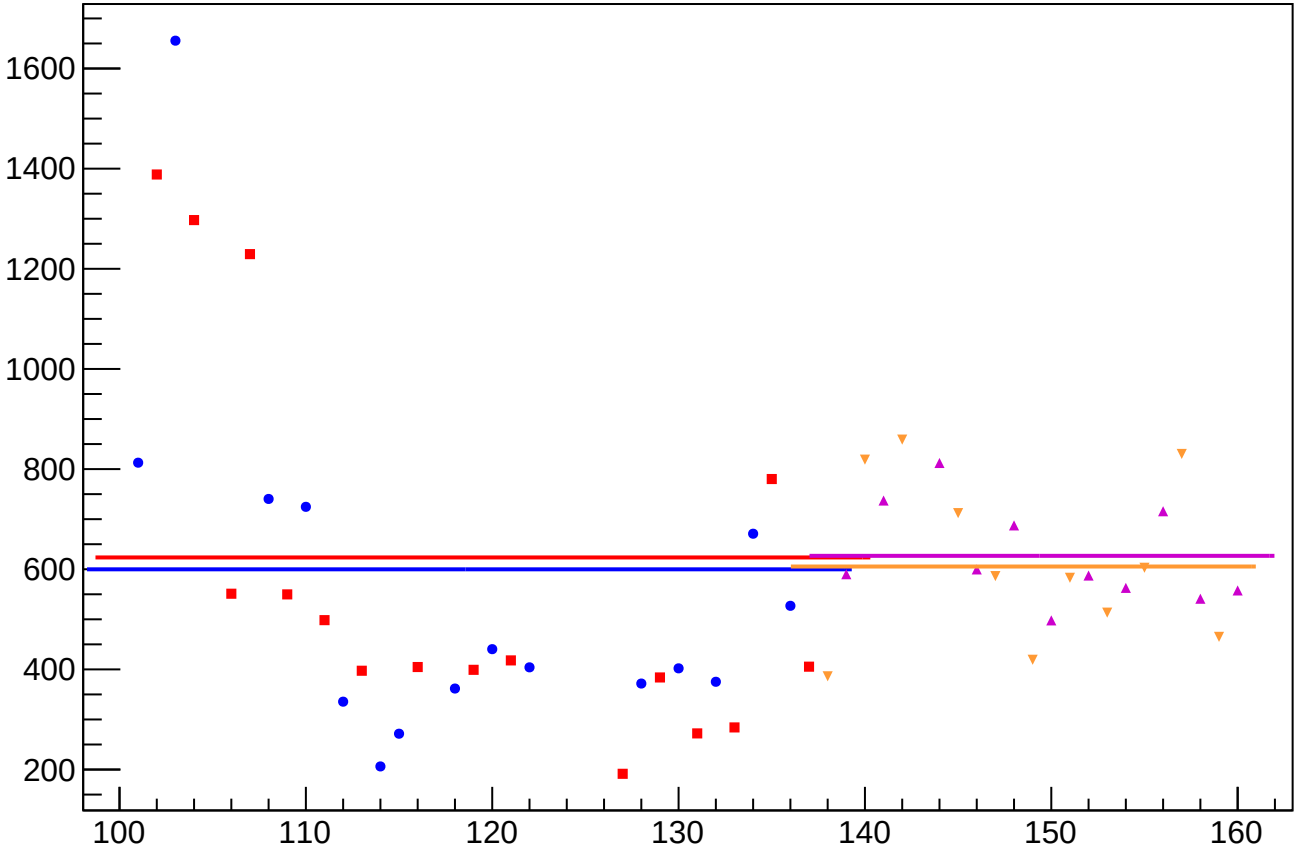
Left In: 17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

+ 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

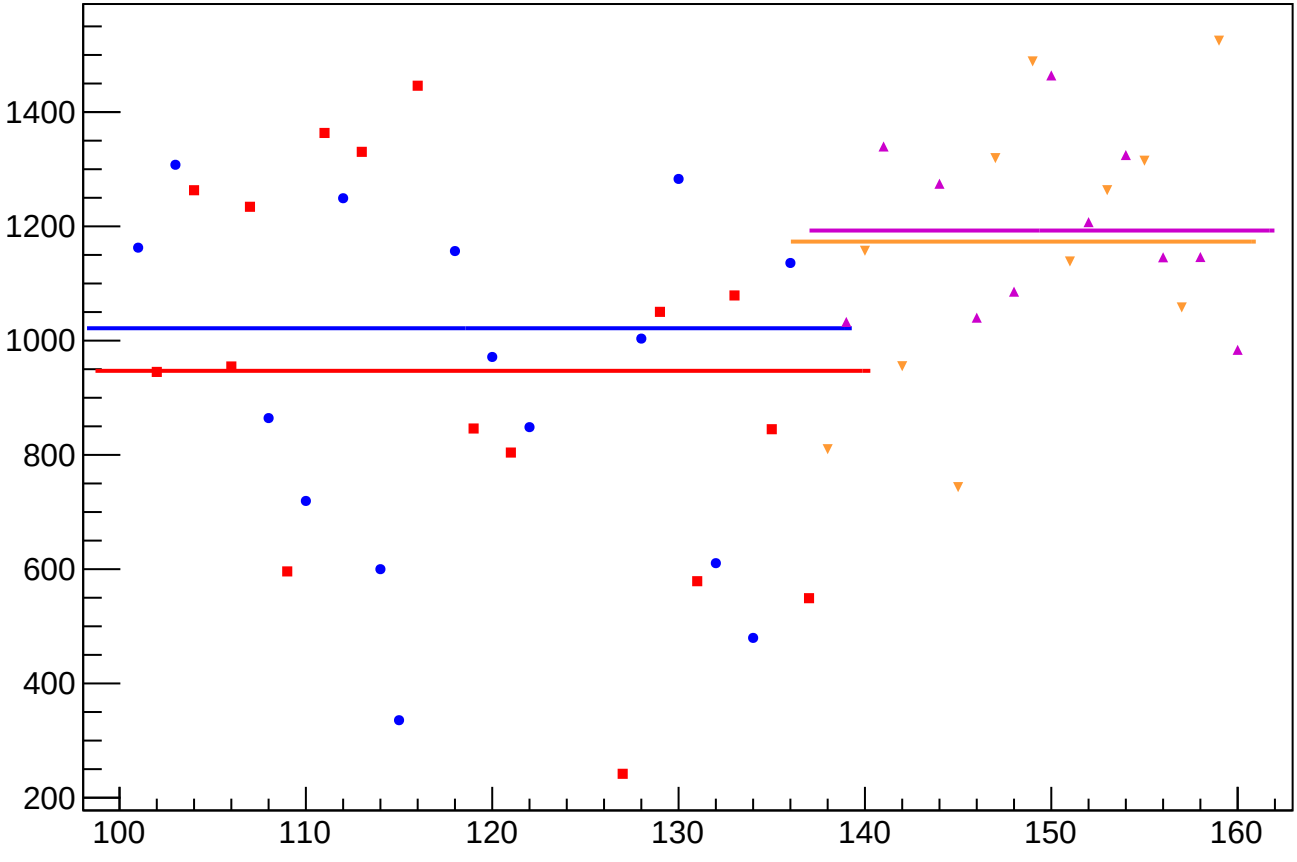
All: 614.575+/-0.000 χ^2/NDF: 21988174064 5

Right Out: 623.569+/-0.000 χ^2/NDF: 101448845479297603044152618126879490048.0/15

- sign 625.437+/-0.000 χ^2/NDF: 109623841978162

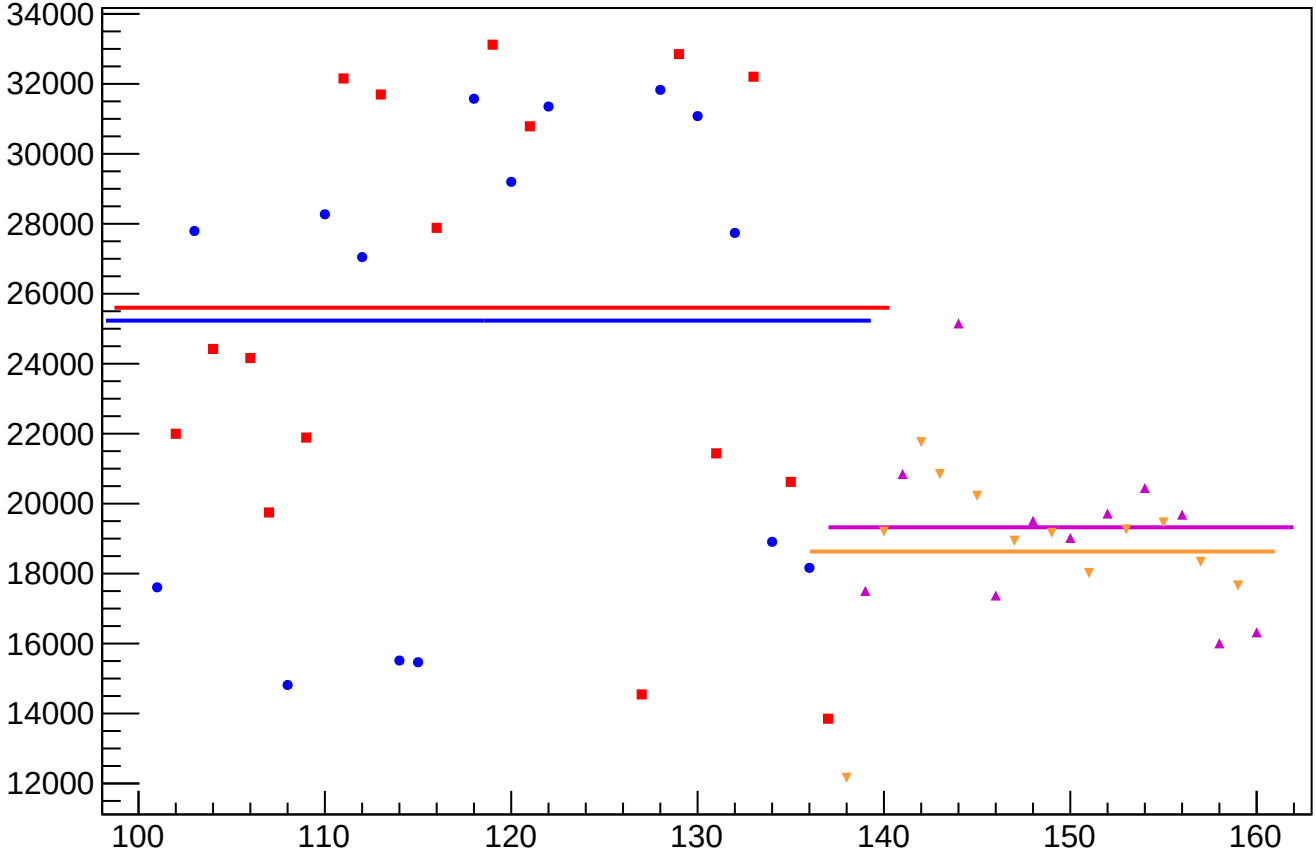
Left In: 626.785+/-0.000 χ^2/NDF:817098942966537005025427577470399 2832.0/10

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

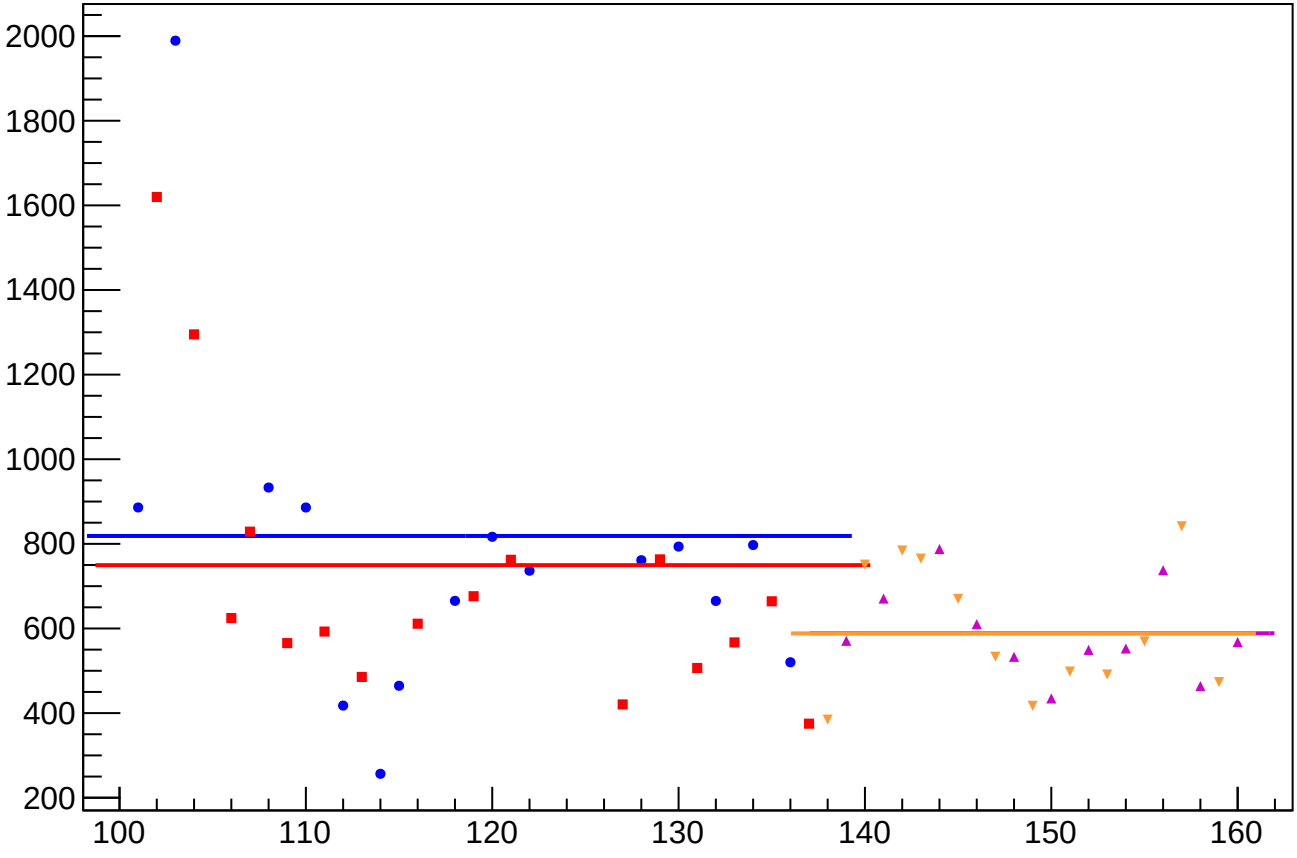
All: 21666.026+/-0.000 χ^2/NDF: 9098110501

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

- sign 21955.094+/-0.000 χ^2/NDF: 4513919478175

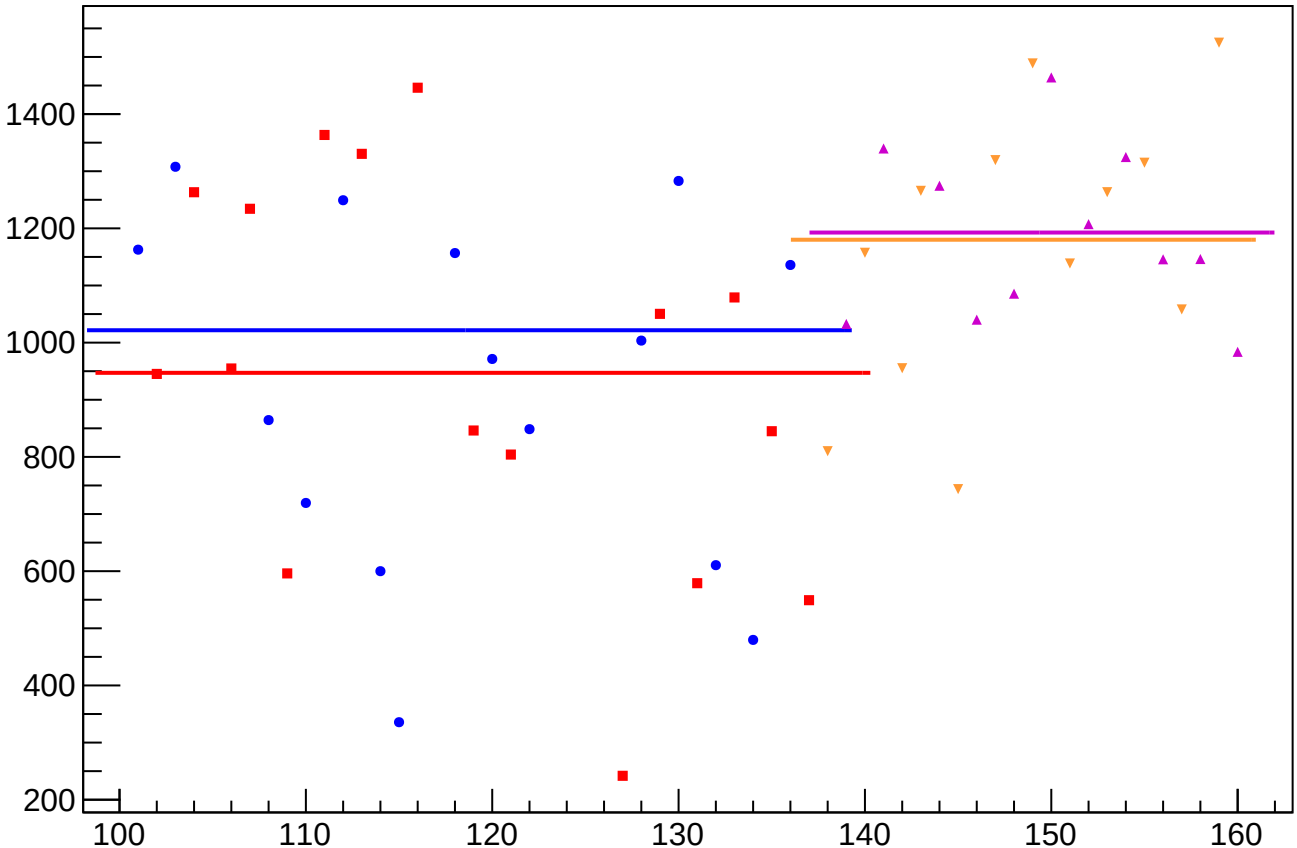
Left In: 19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

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

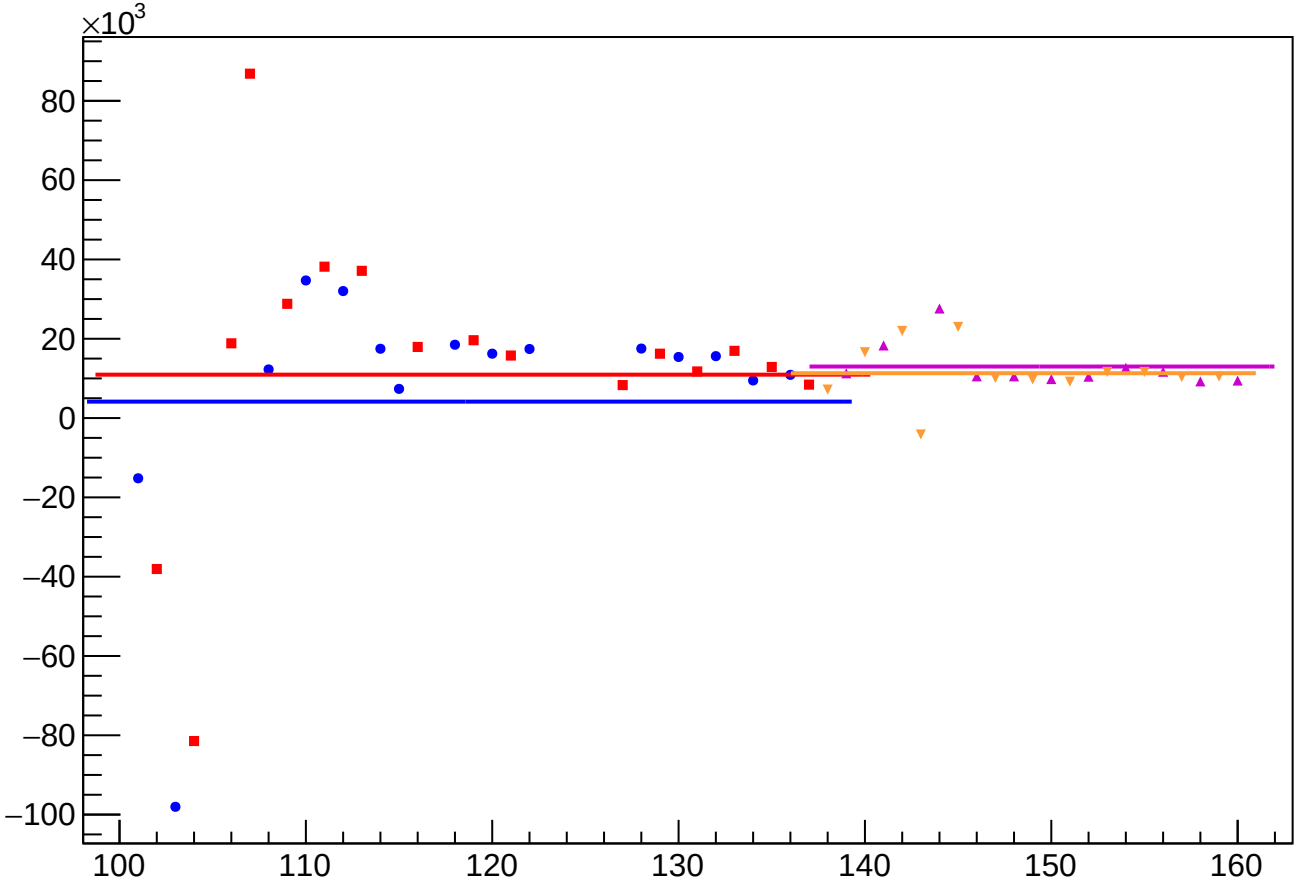
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

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

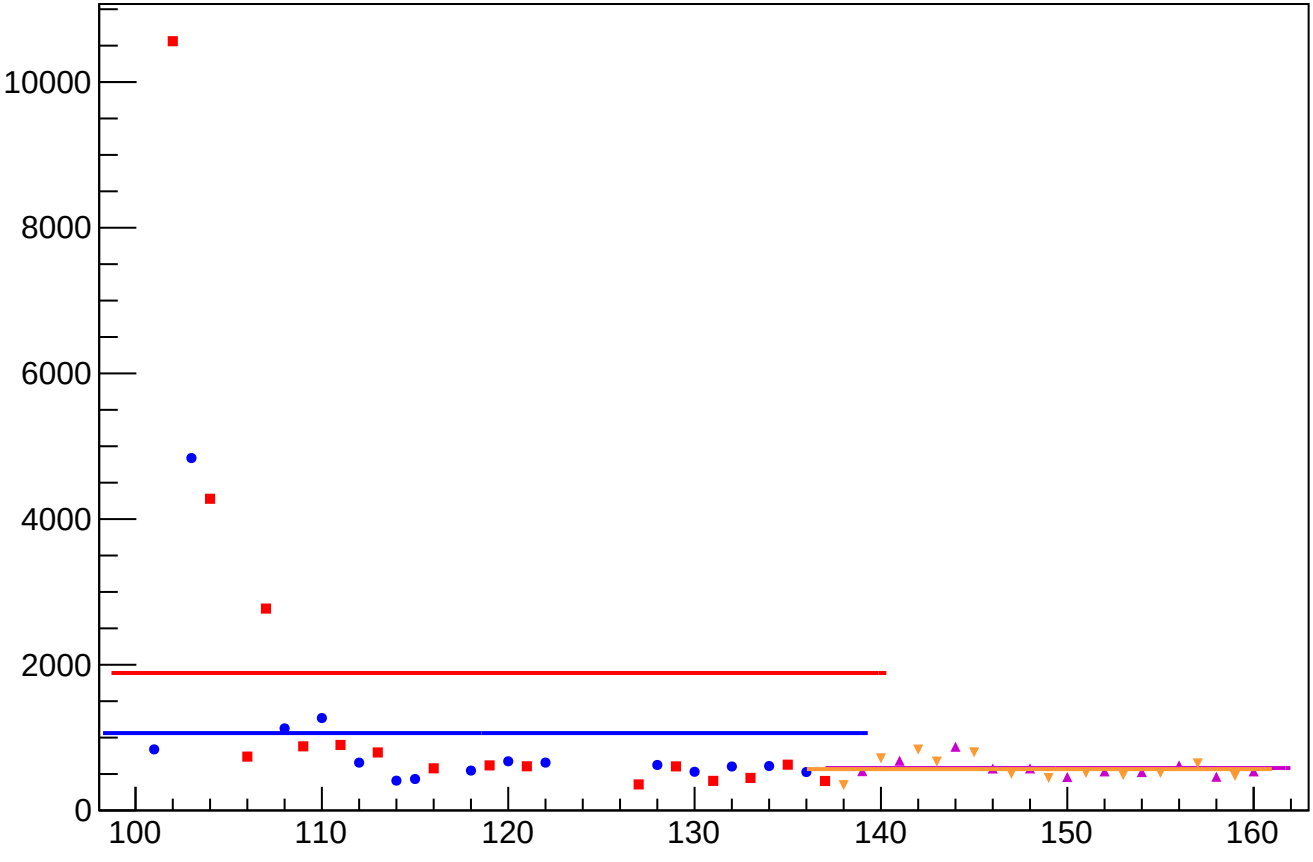
All: 10251.942+/-0.000 χ^2/NDF: 1732817087

Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

- sign 12136.418+/-0.000 χ^2/NDF: 9019709098500

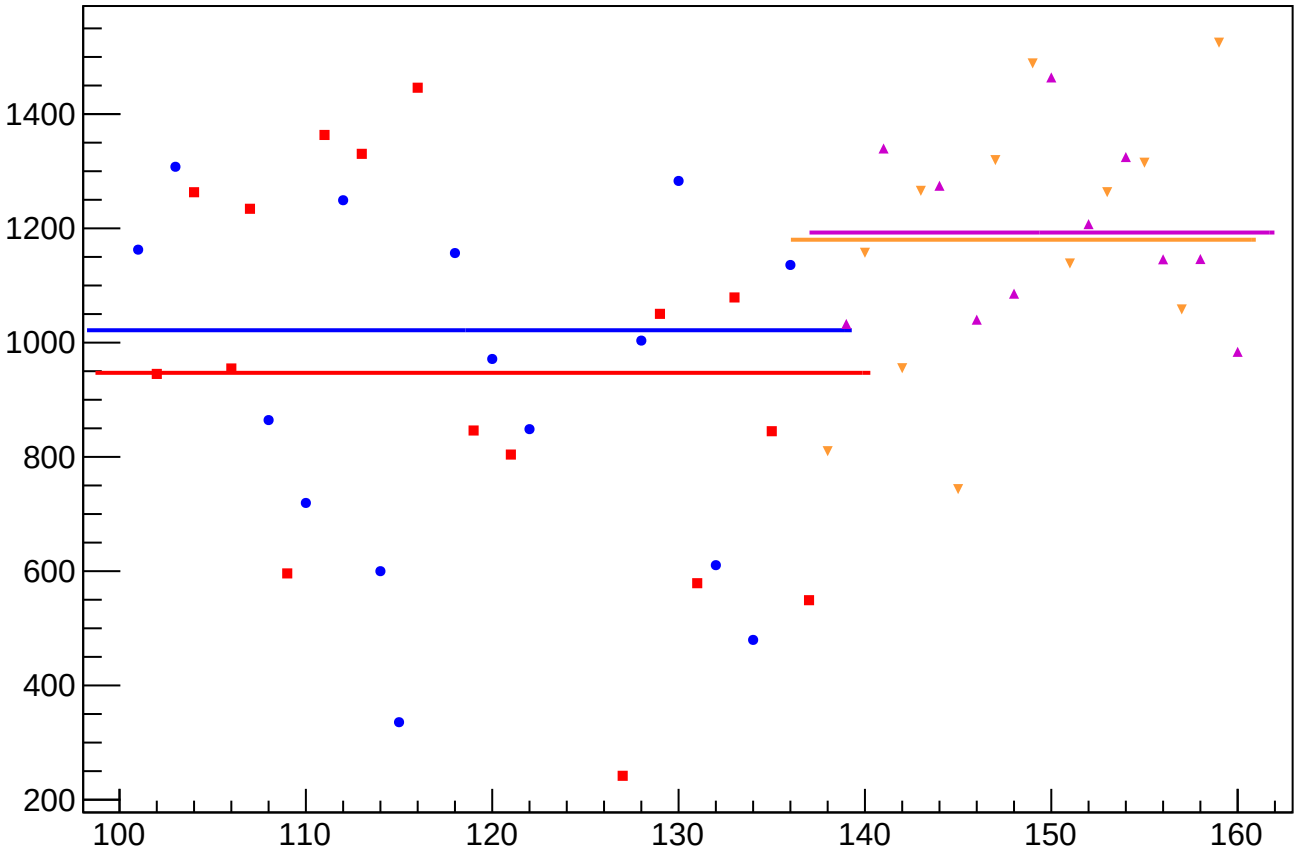
Left In: 12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

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

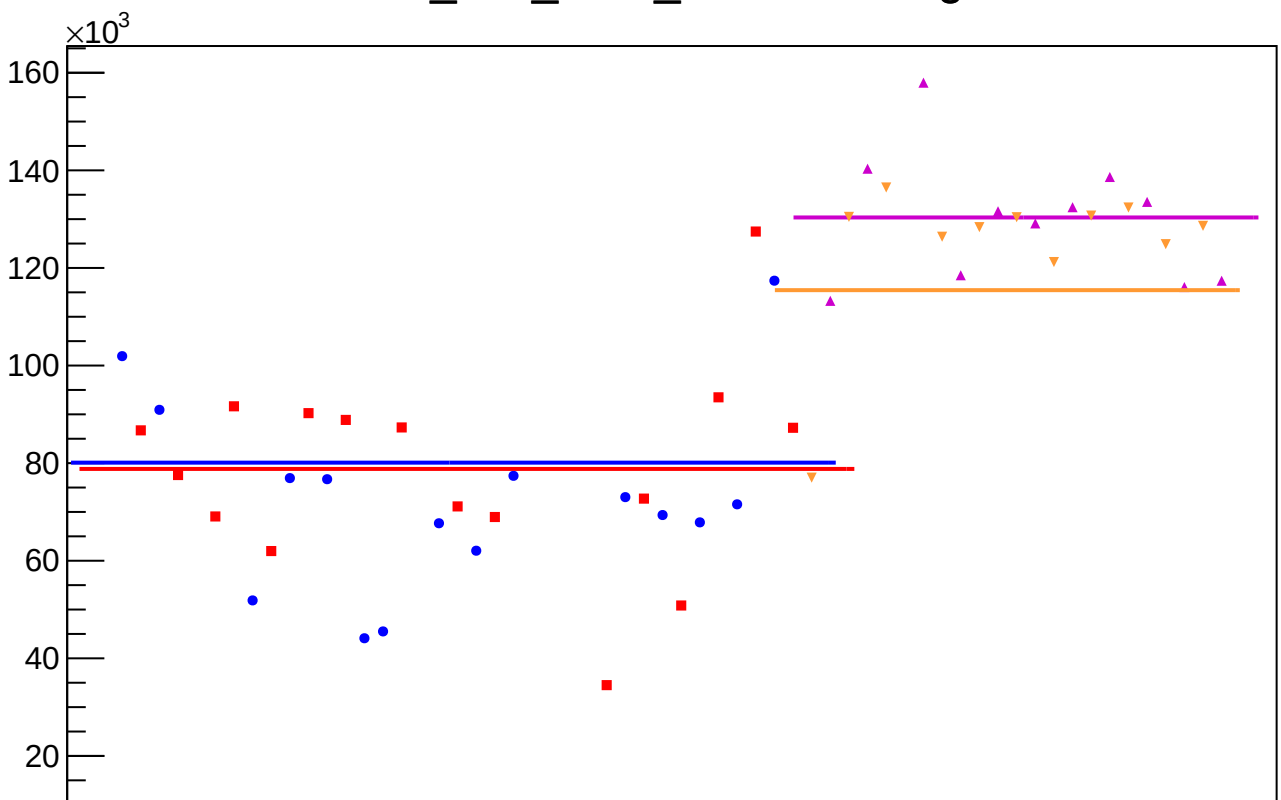
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

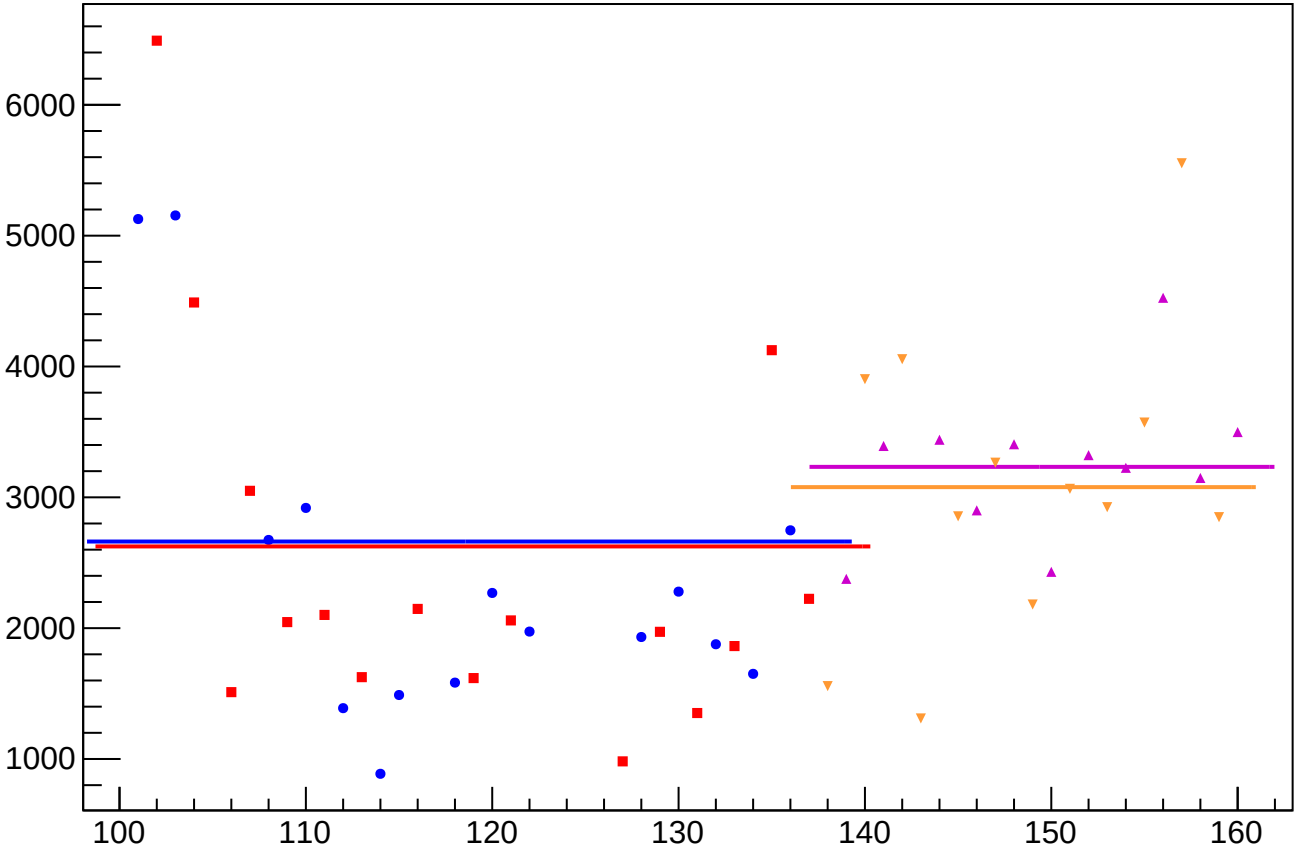
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

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

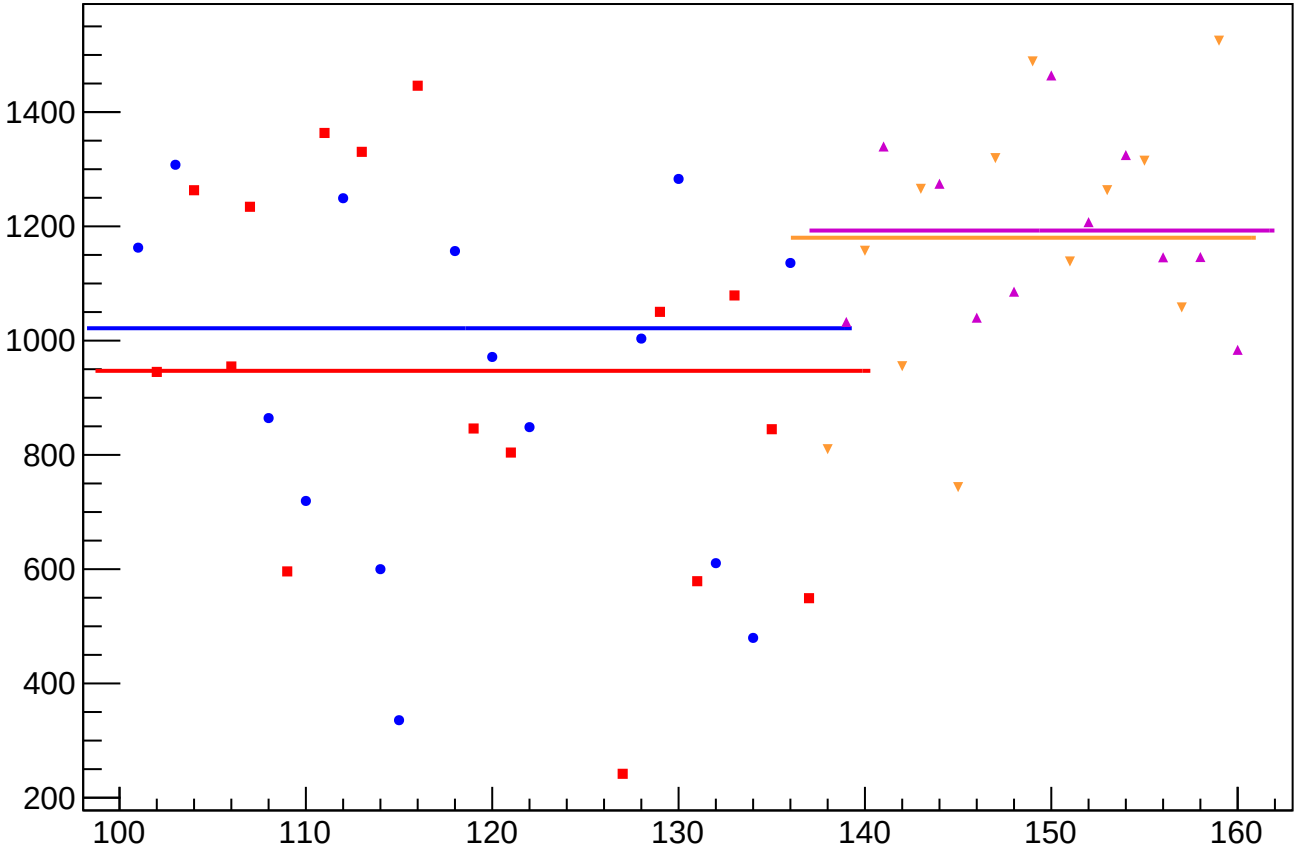
Left In: 3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938888.0/10

+ 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

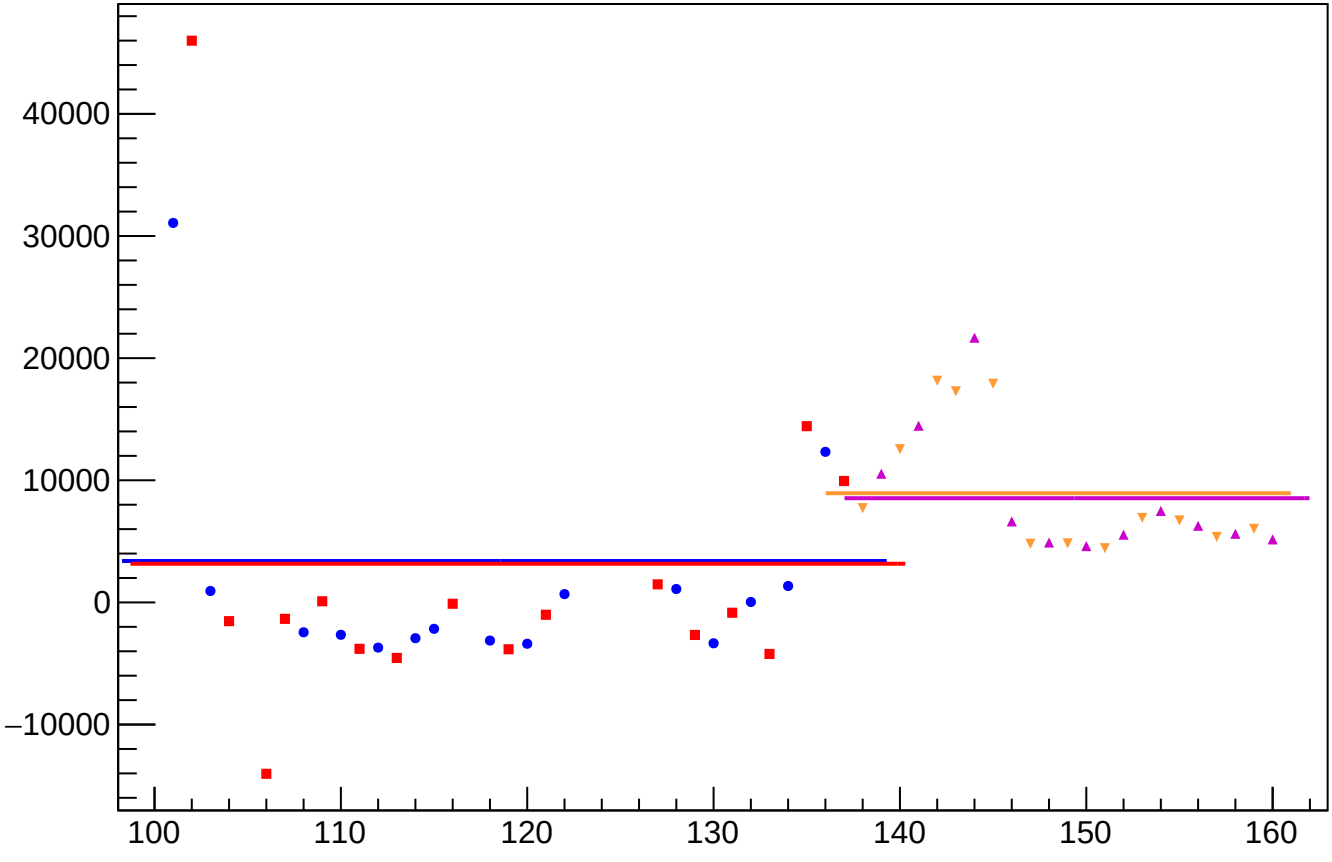
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

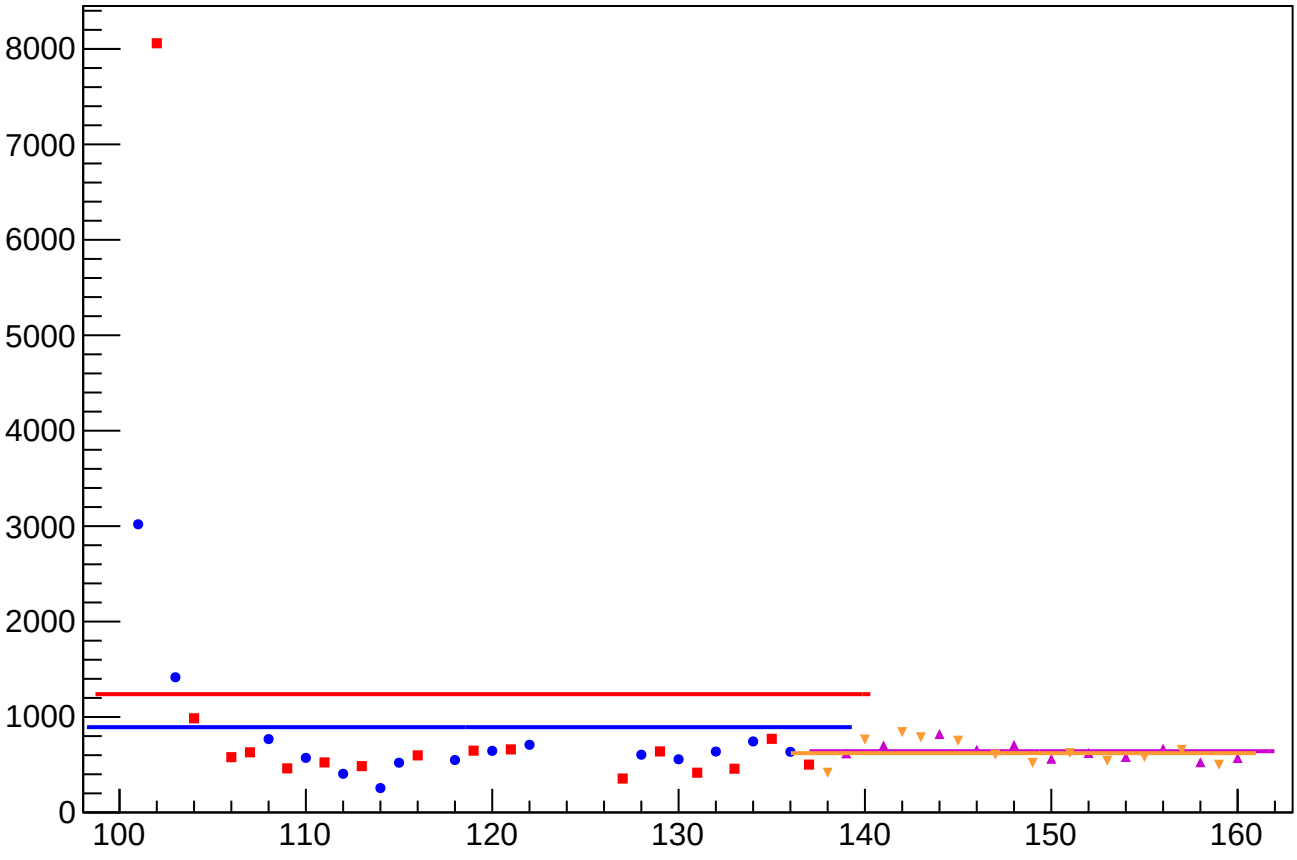
Left In: 1192.687+/-0.000 χ^2/NDF:19255287383728205662654022867381911552.0/10

dit_atr1_coil7_mean vs Slug



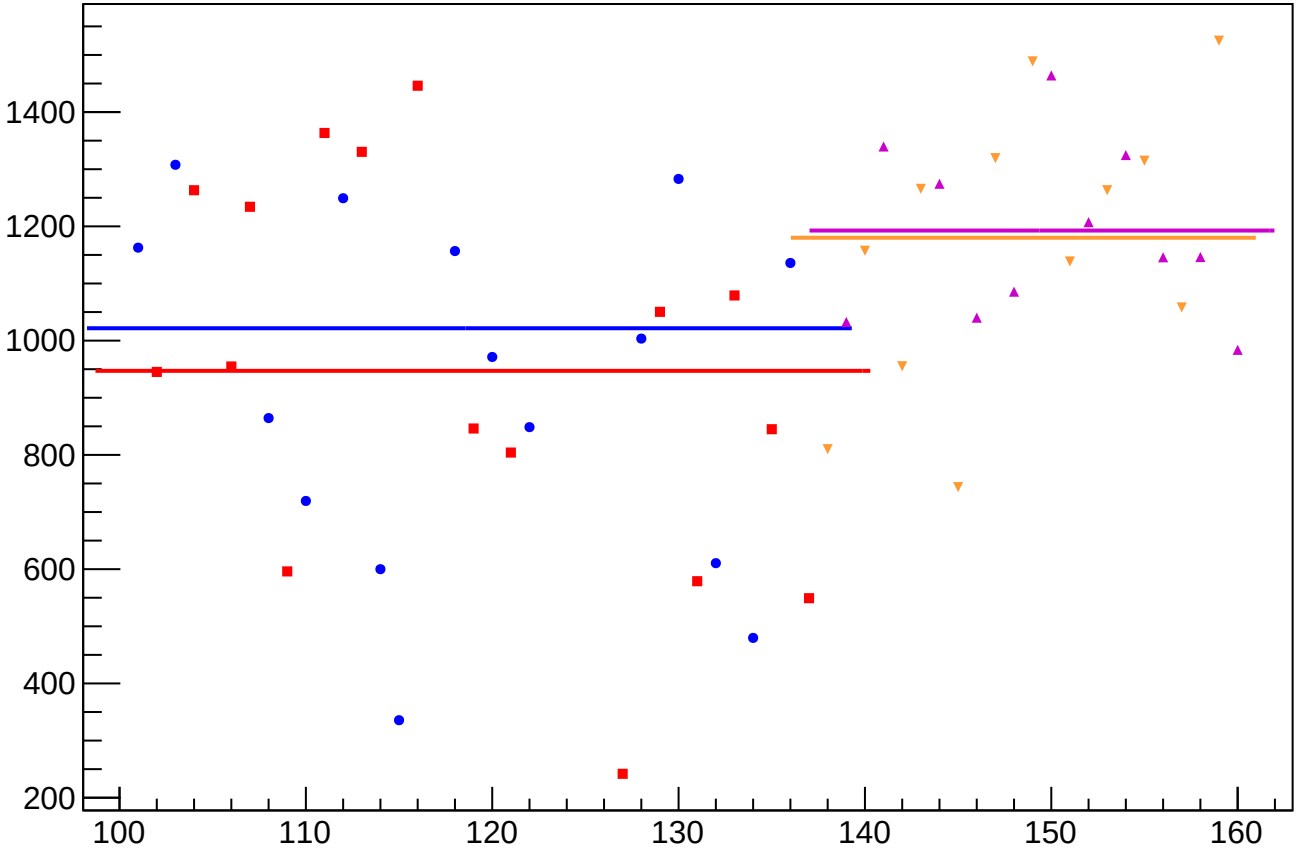
Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14
+ sign 6636.719+/-0.000 χ^2/NDF: 10032445769830
Left Out: 8941.712+/-0.000 χ^2/NDF:227575427235299768629241896288372643594 24.0/11
All: 6458.520+/-0.000 χ^2/NDF: 2736278227 8
Right Out: 3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15
- 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

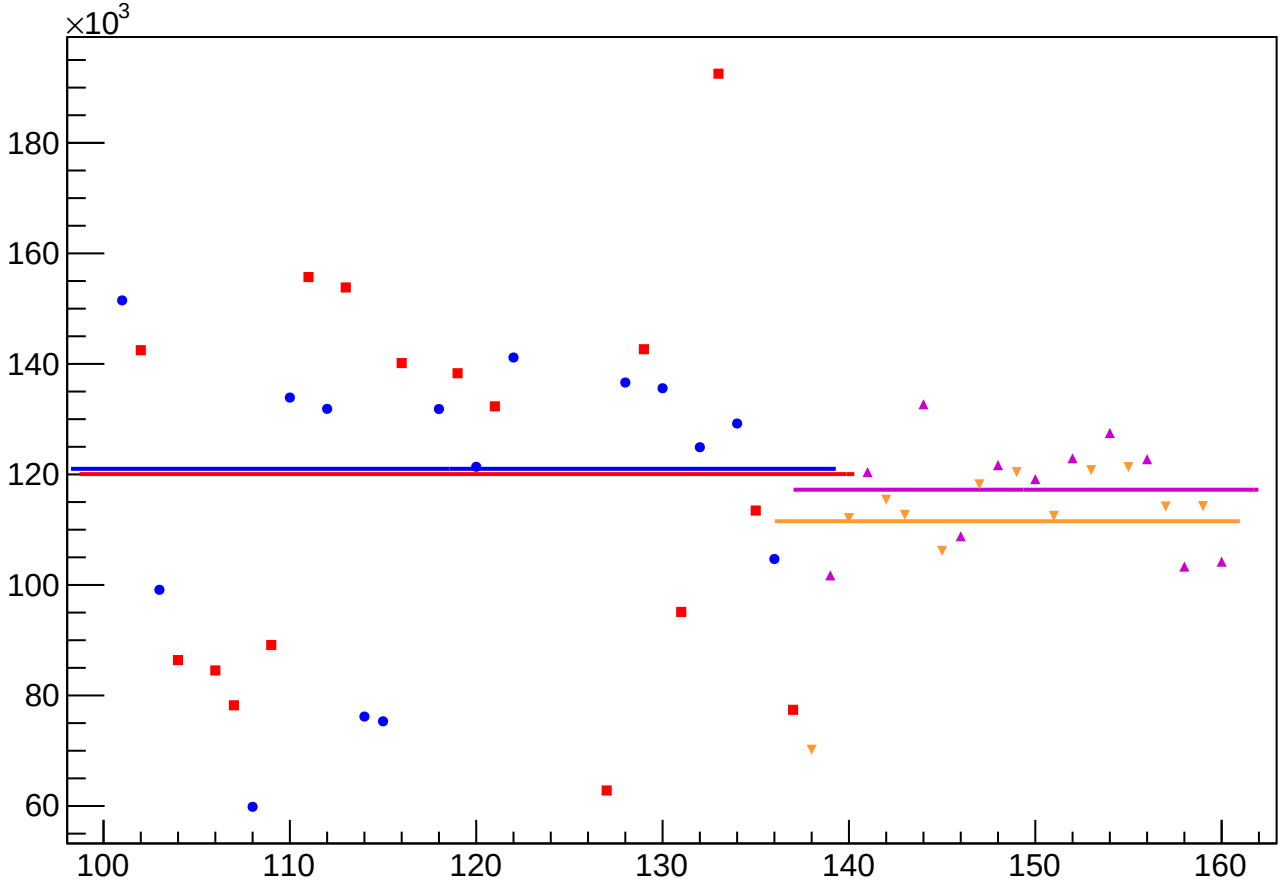
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

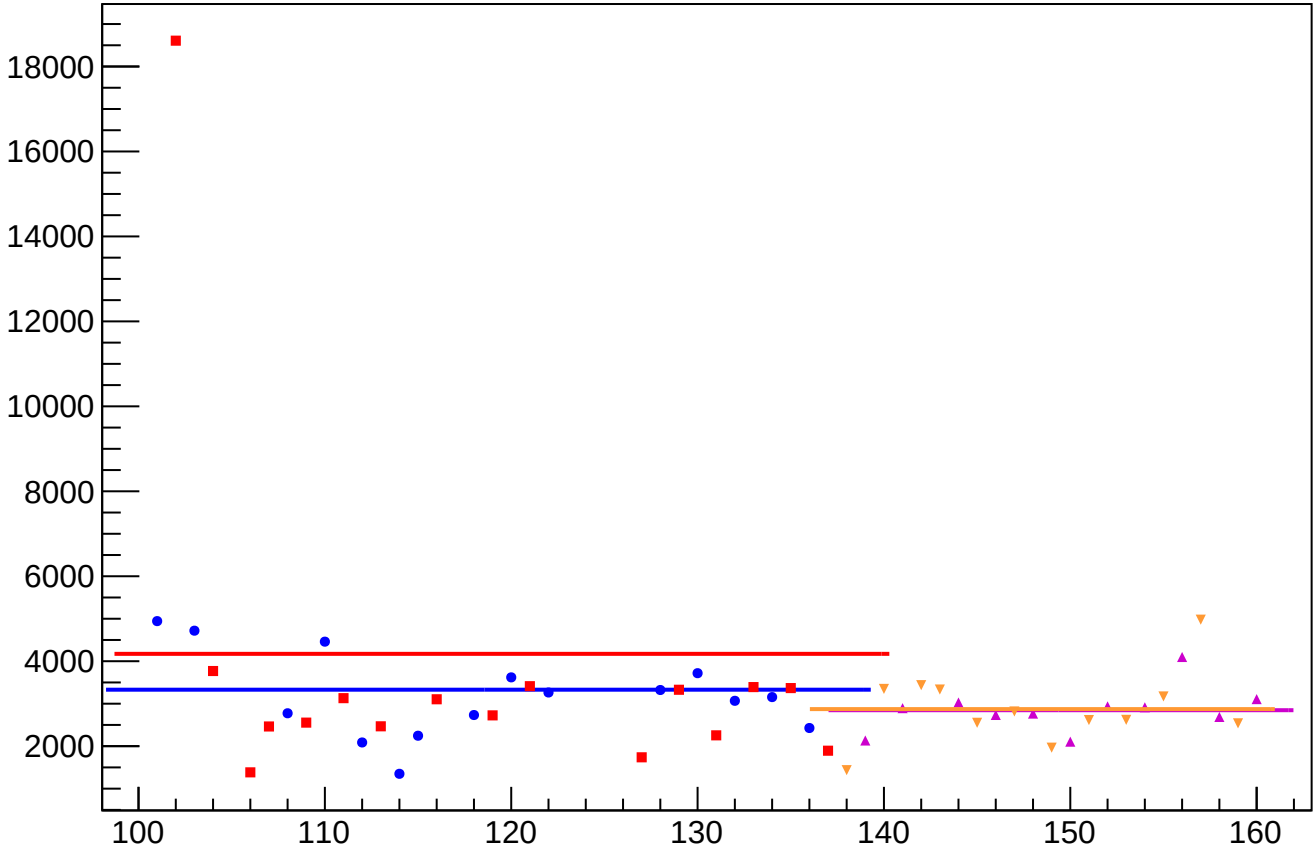
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

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

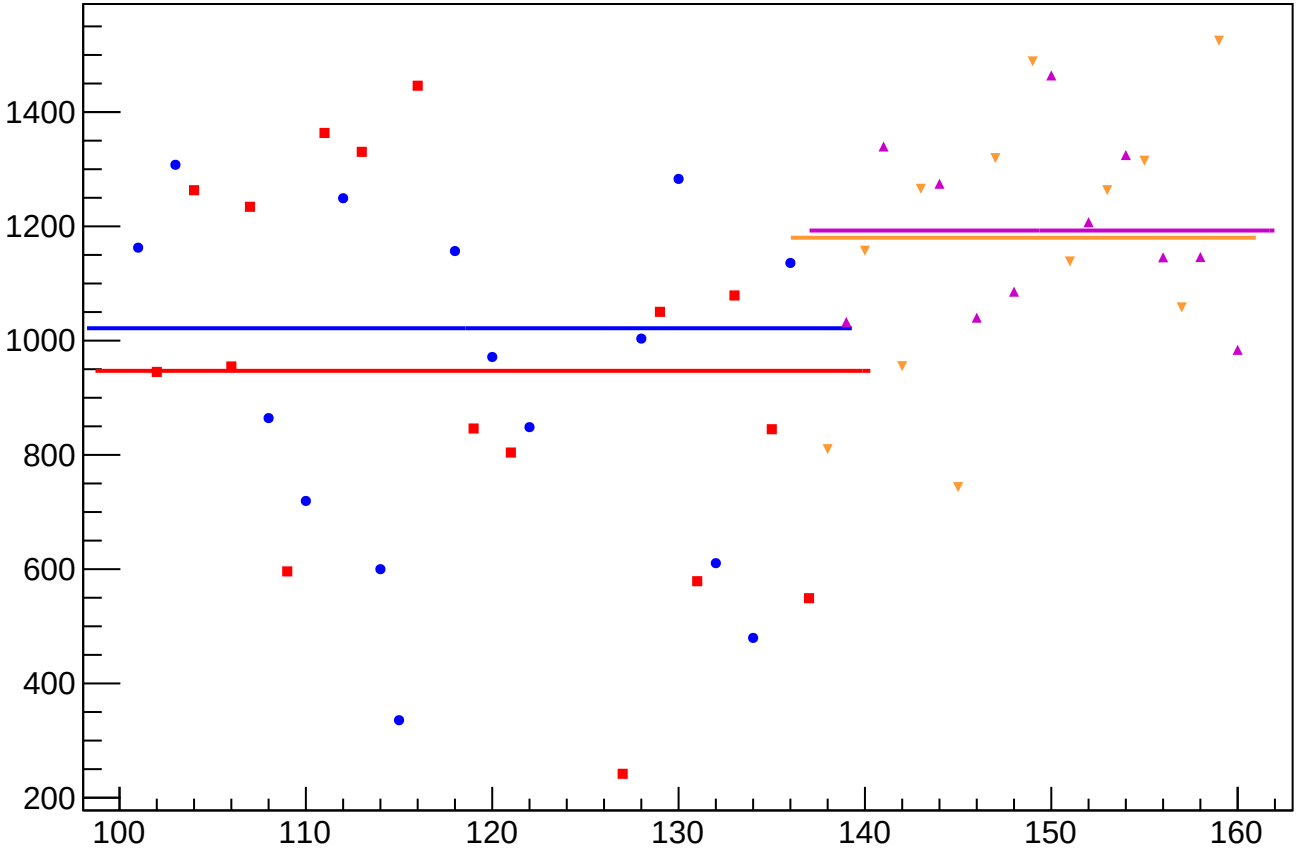
All: 3234.072+/-0.000 χ^2/NDF: 1581039287

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

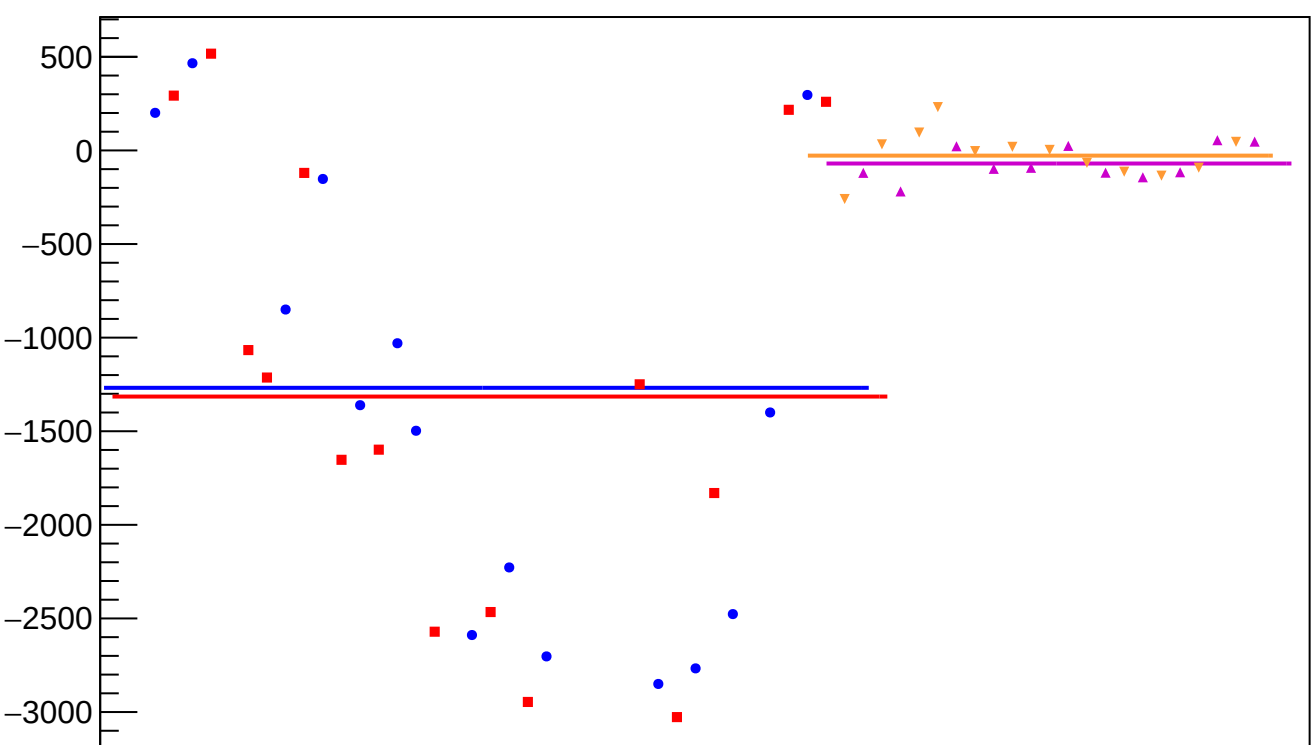
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

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

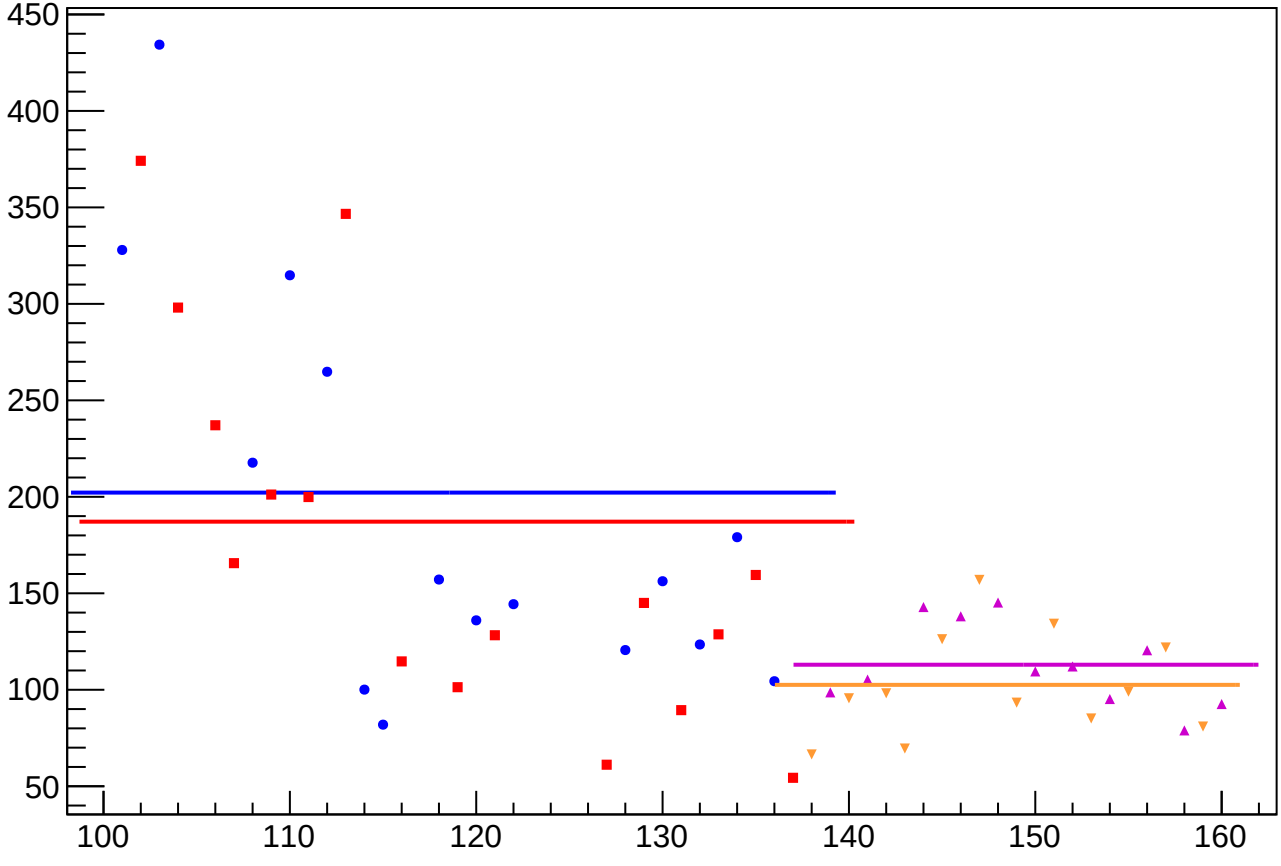
All: -567.488+/-0.000 χ^2/NDF: 33961086853

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

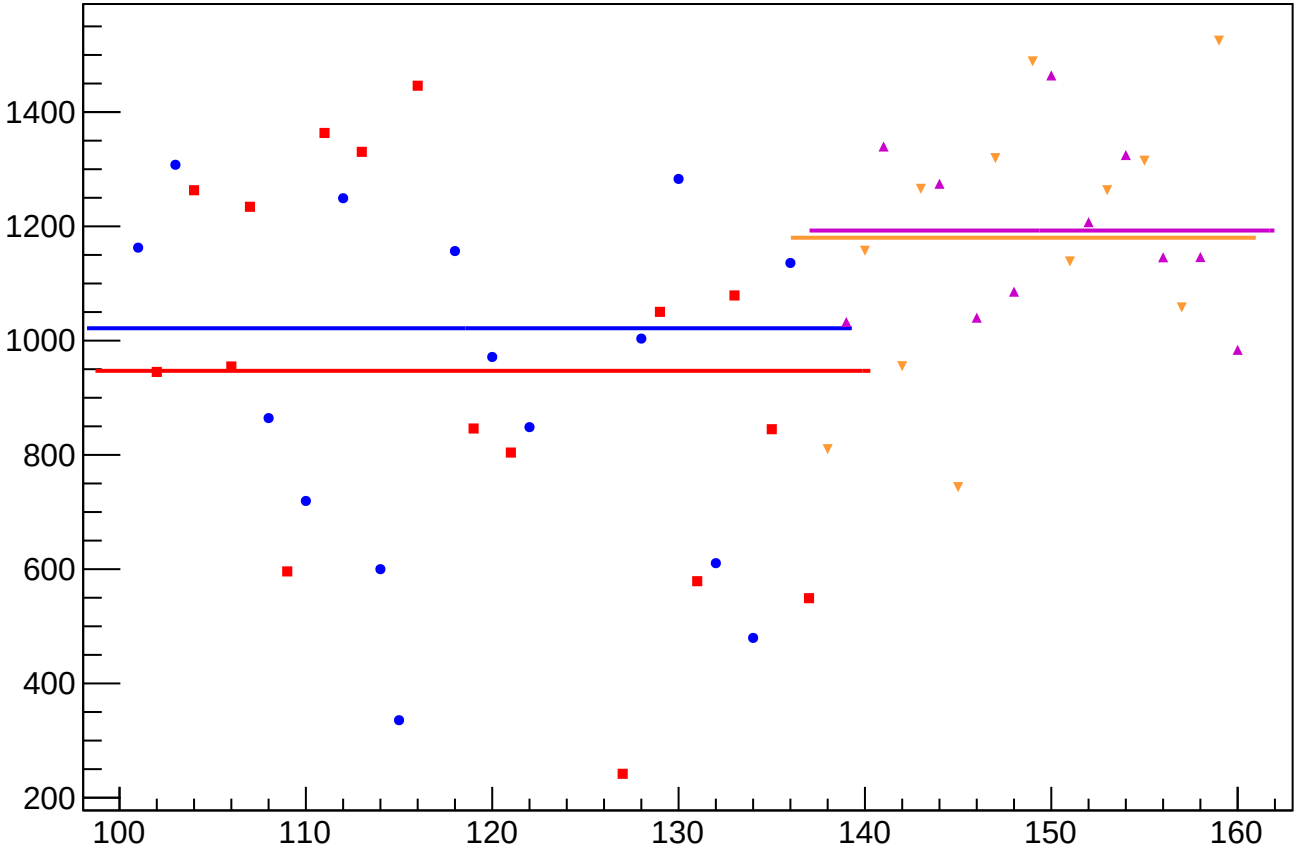
Left In: 112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

+ 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

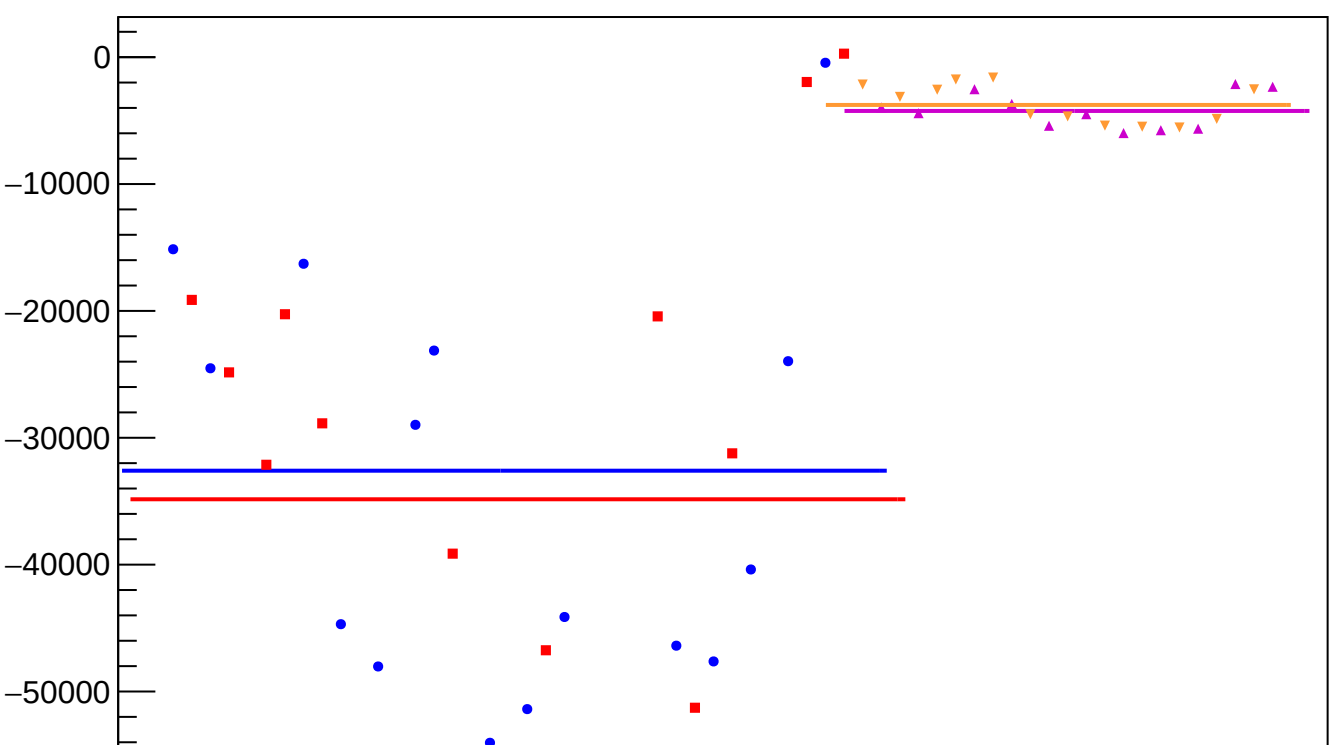
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

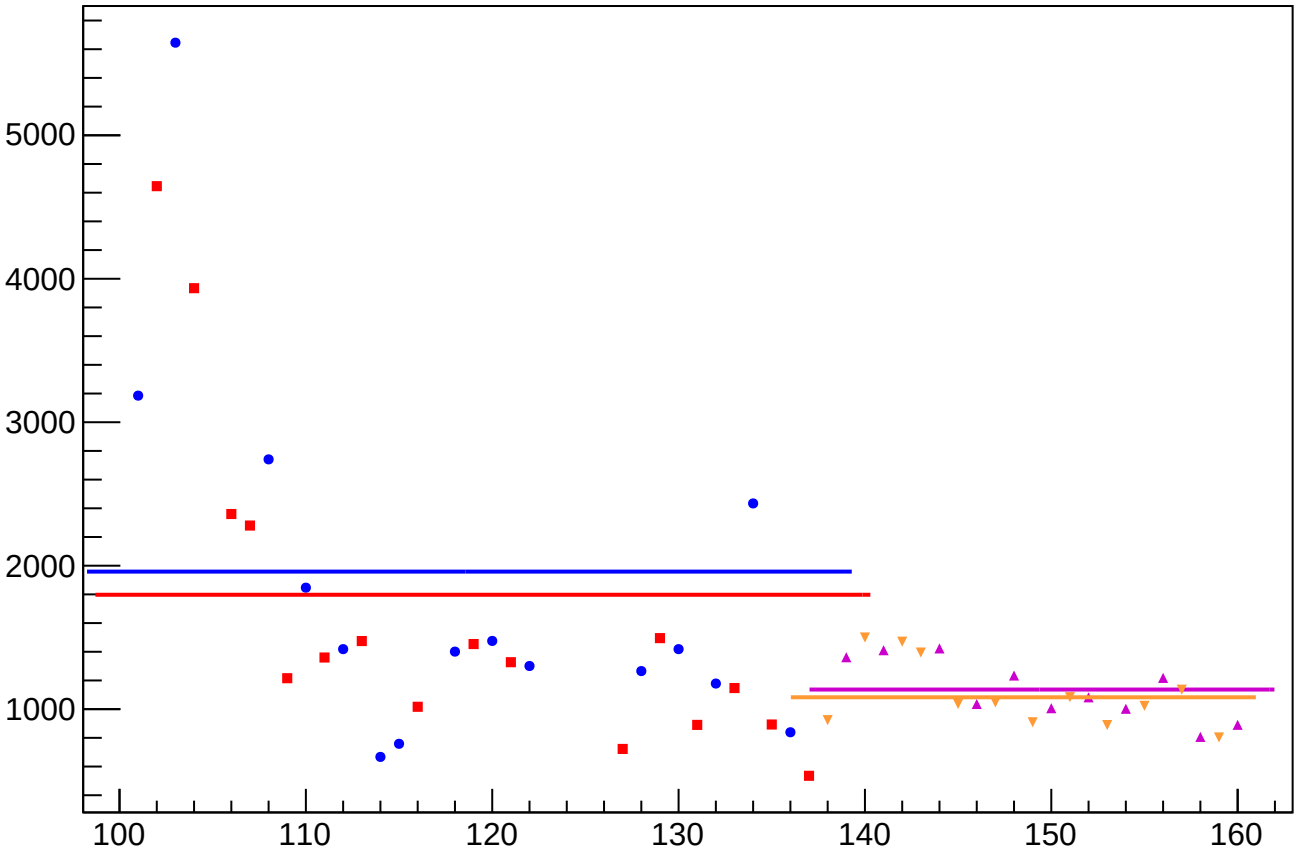
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

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

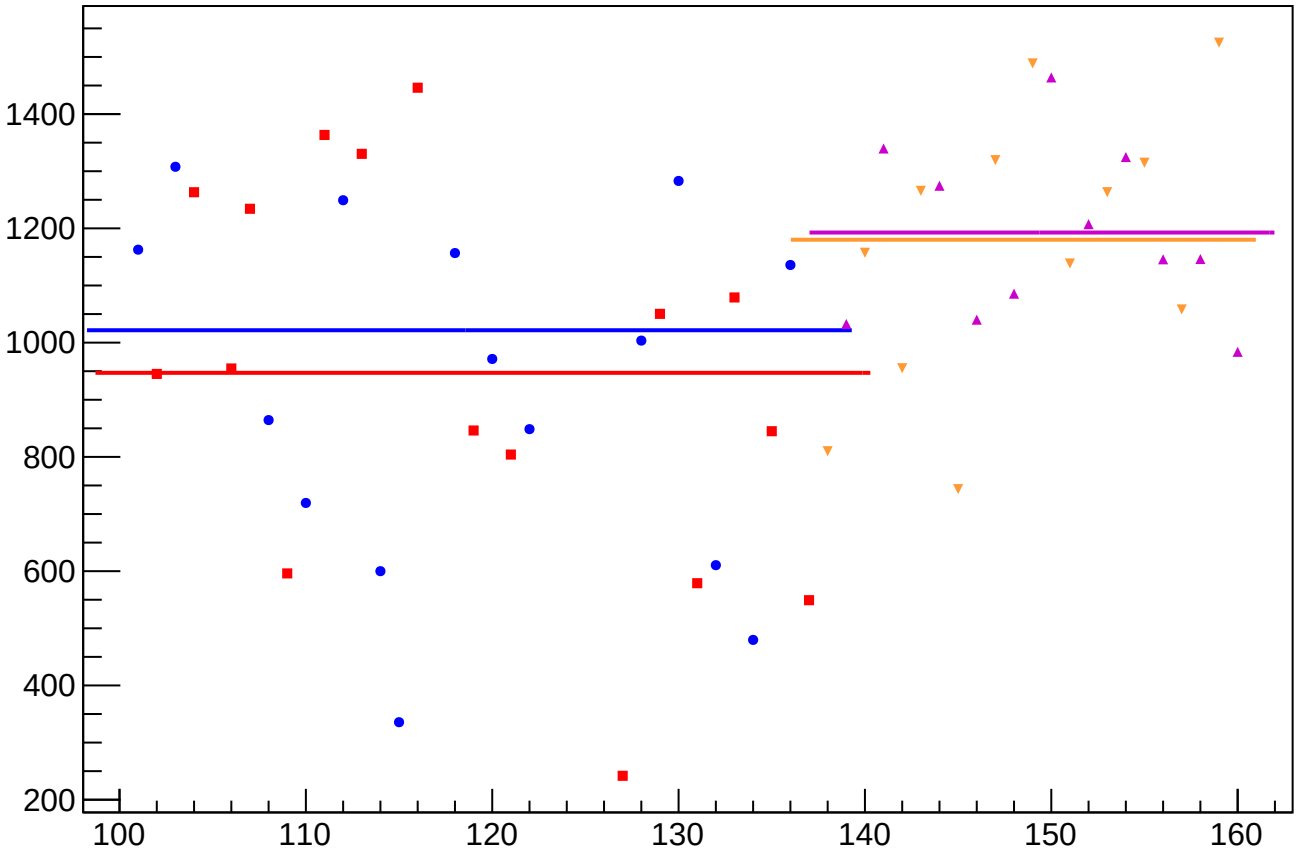
All: 1429.975+/-0.000 χ^2/NDF: 2684715334 1

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

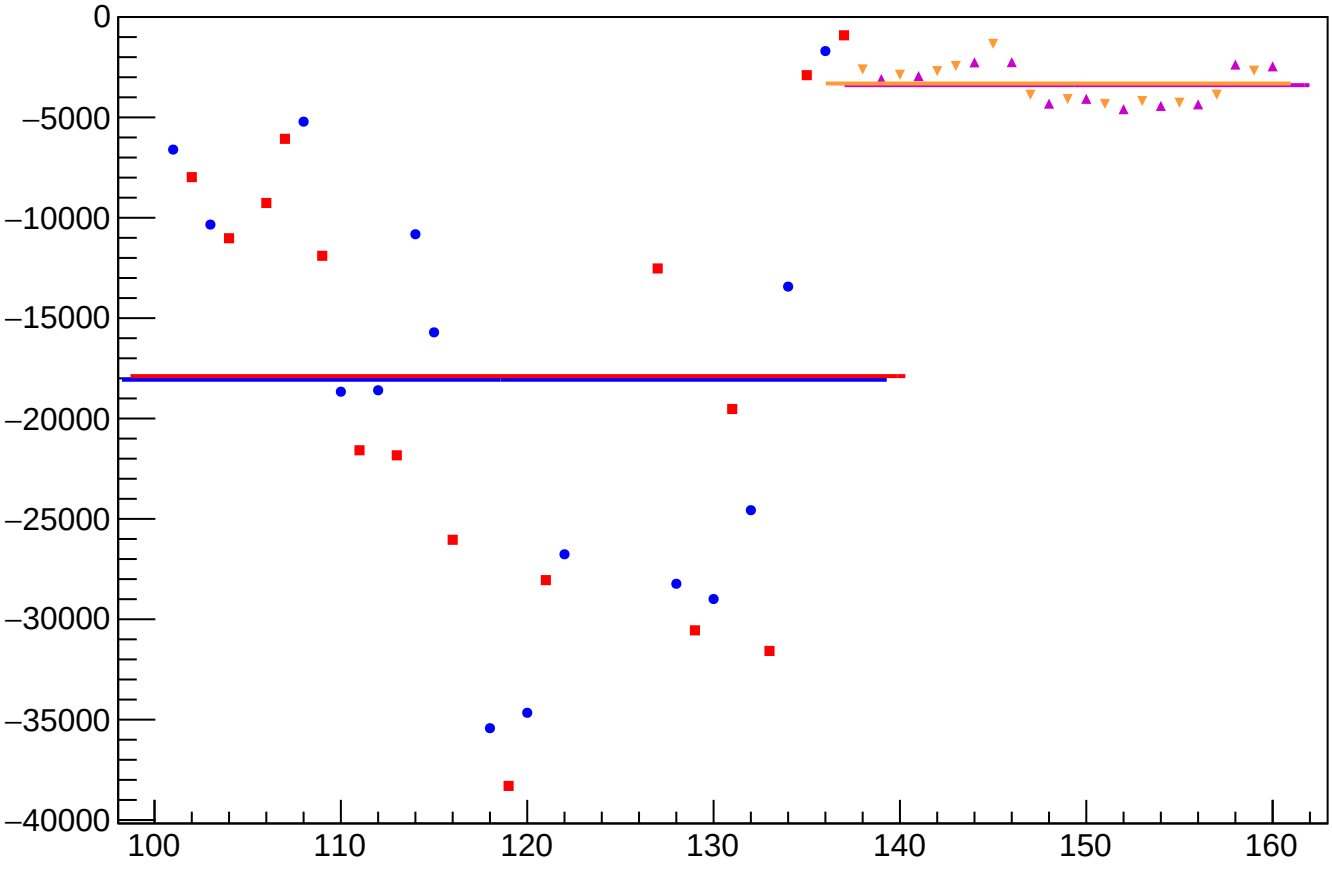
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

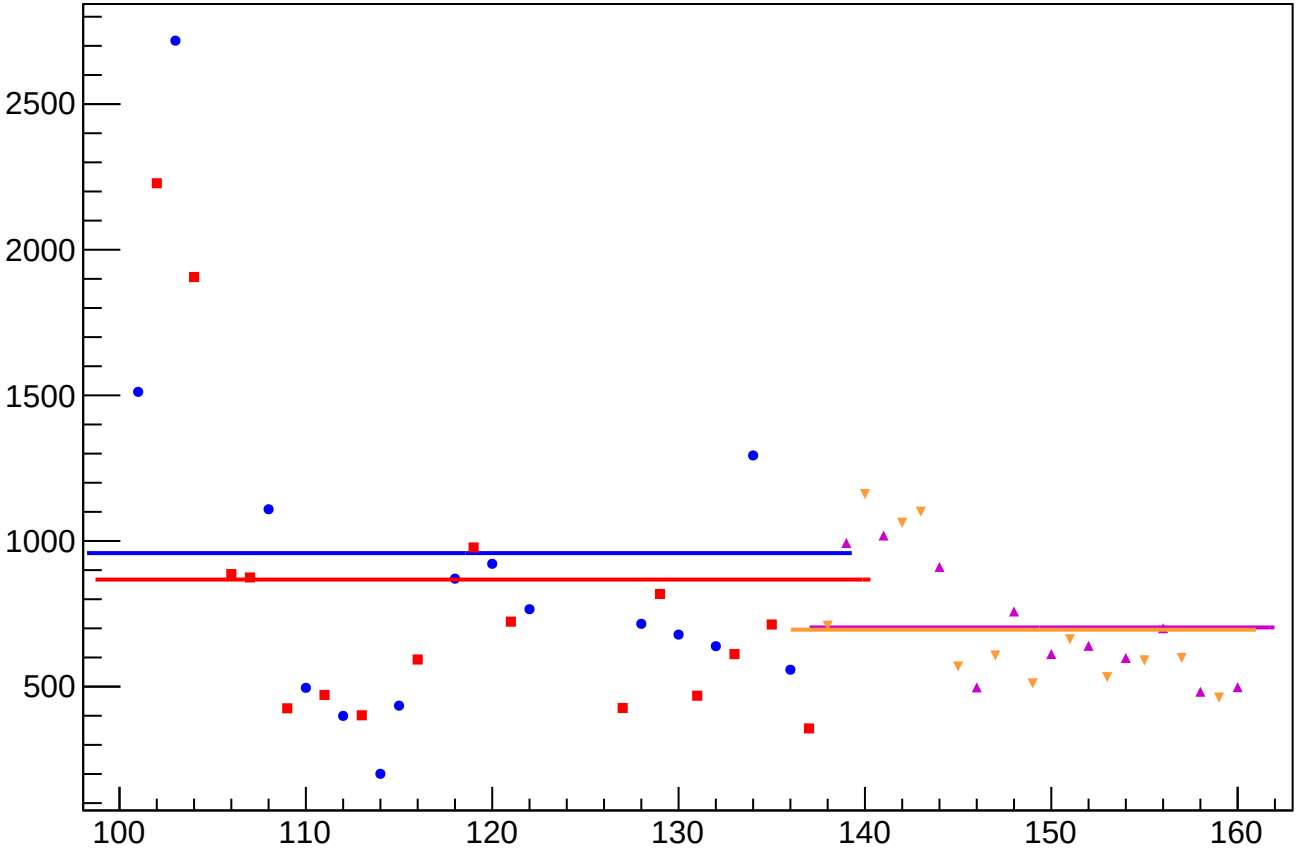
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

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

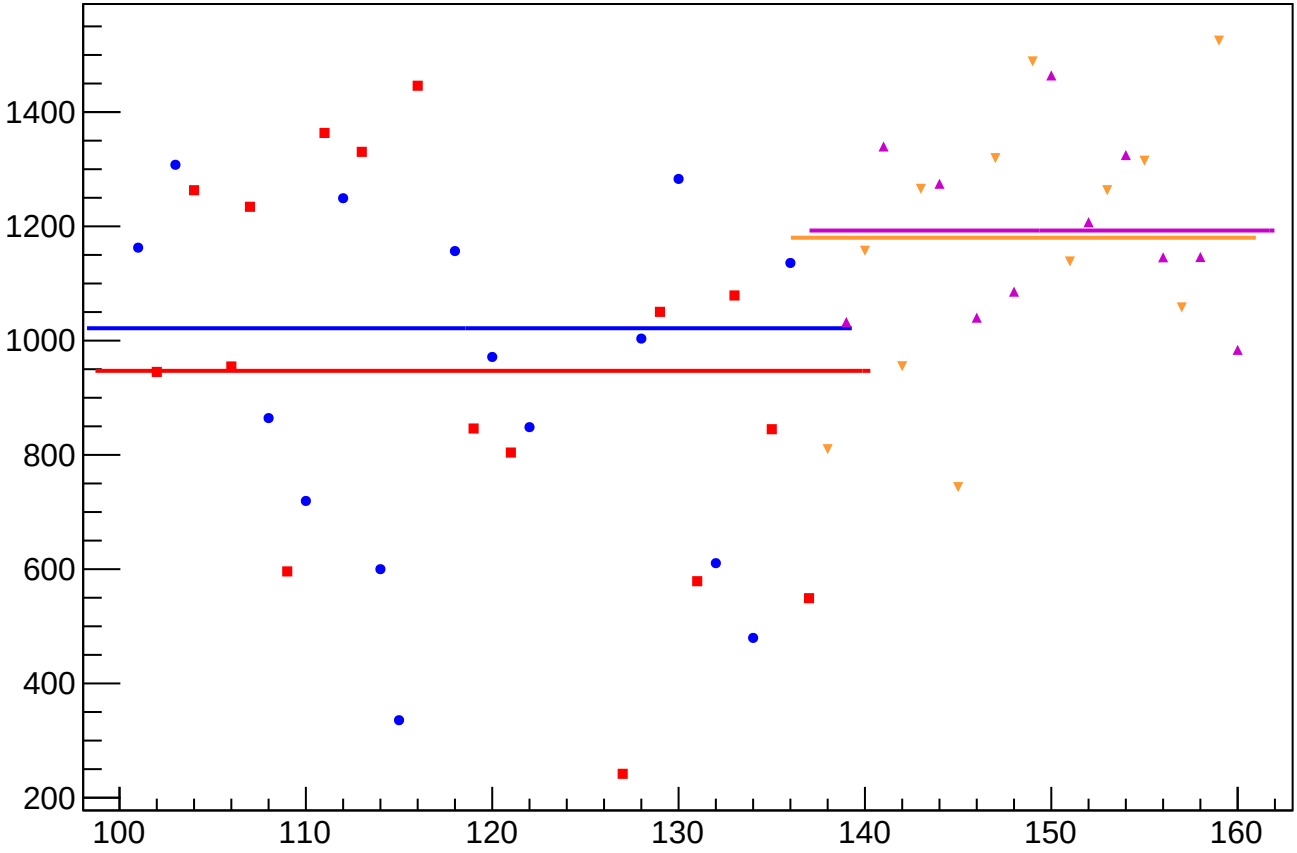
All: 788.186+/-0.000 χ^2/NDF: 5984680249 63

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

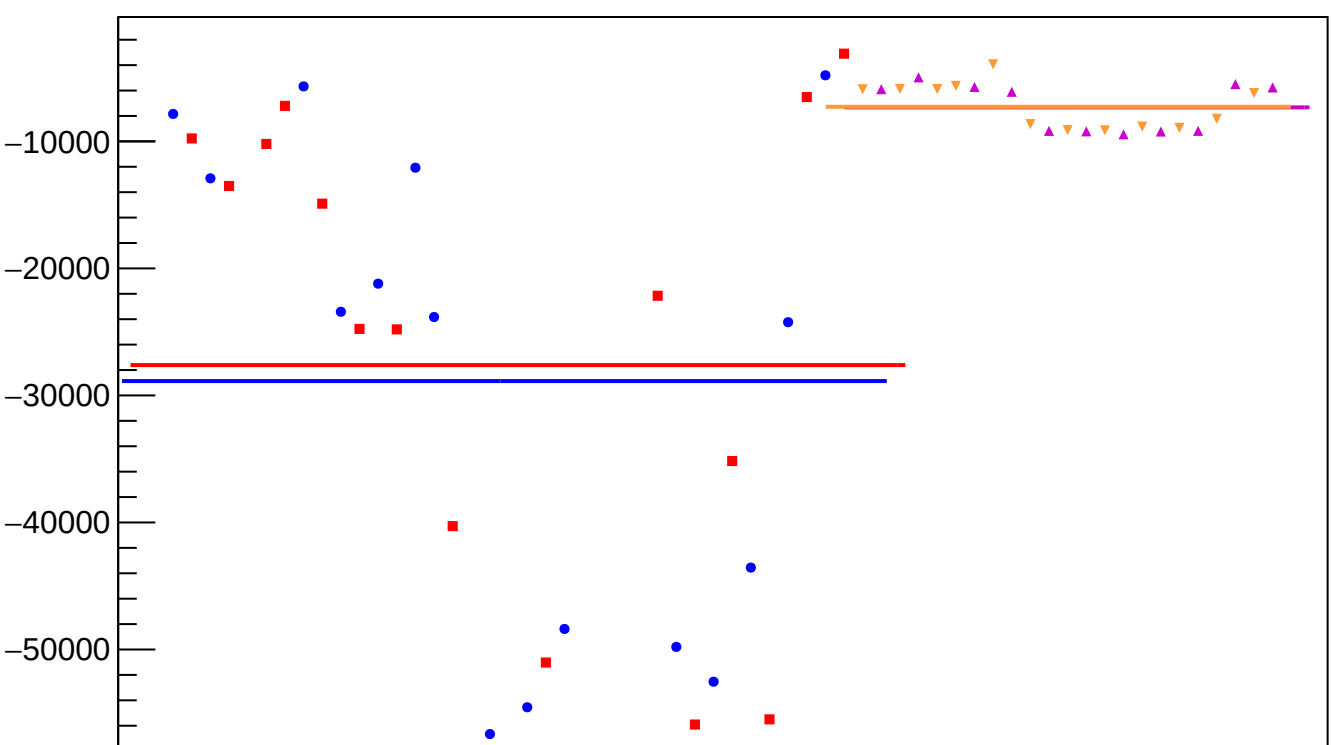
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

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

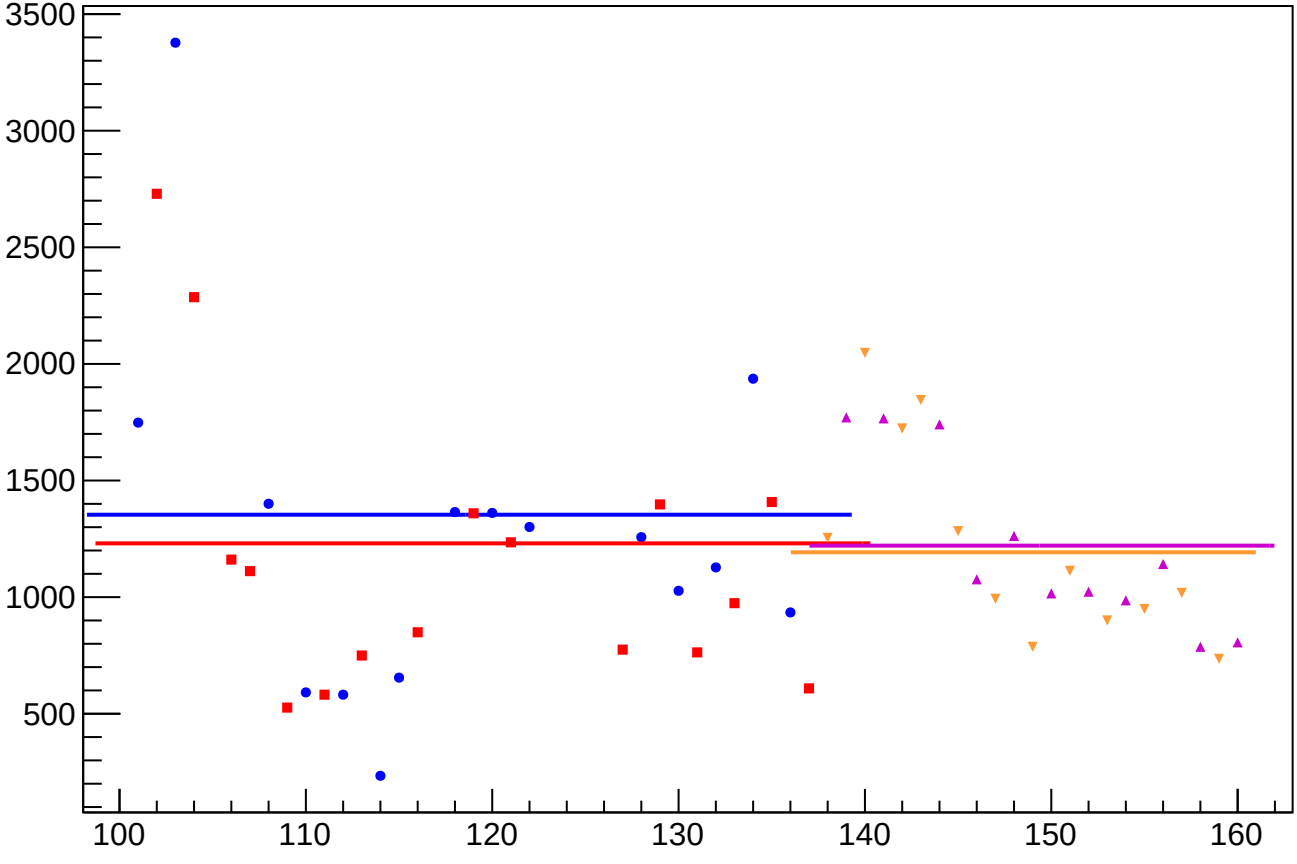
All: -16034.416+/-0.000 χ^2/NDF: 851792093

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

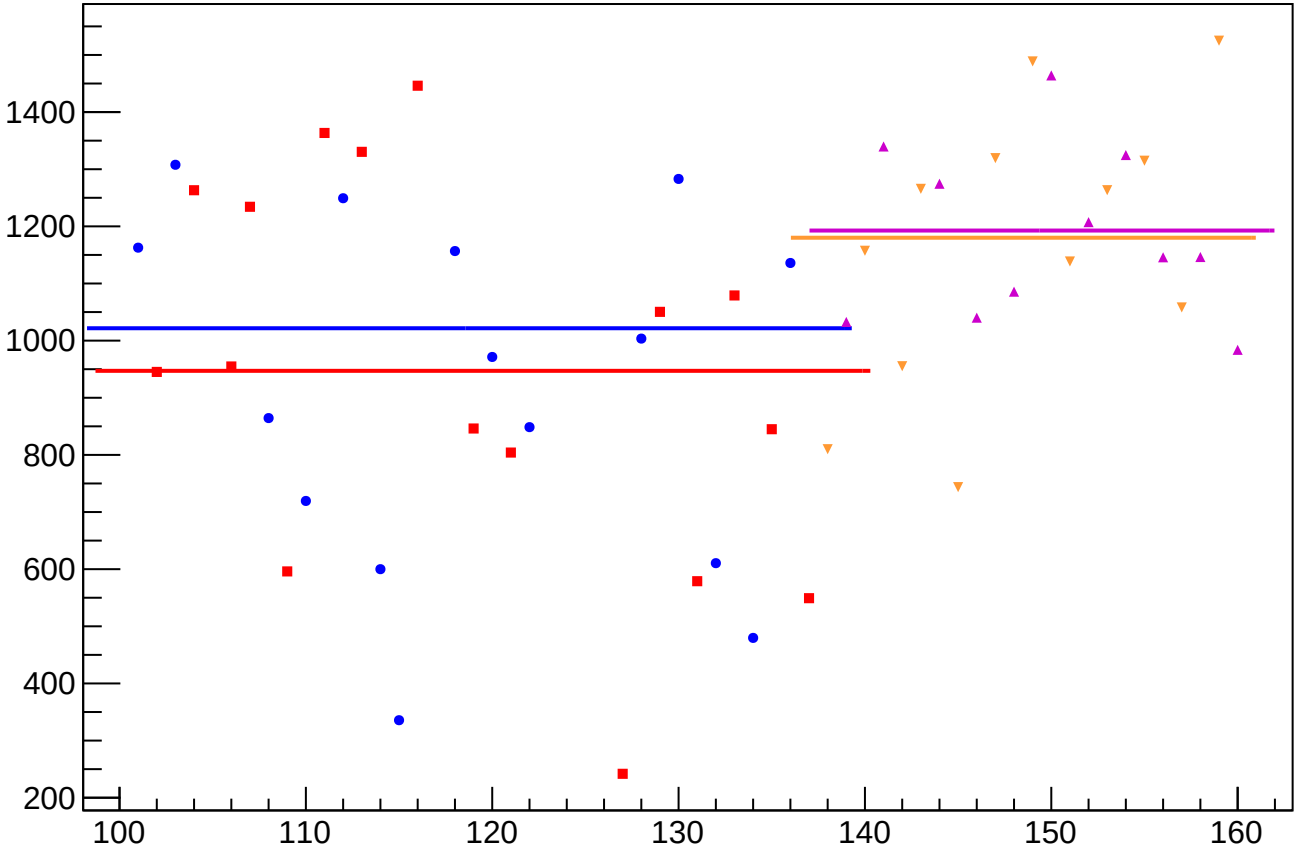
All: 1241.889+/-0.000 χ^2/NDF: 9078869434 7

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

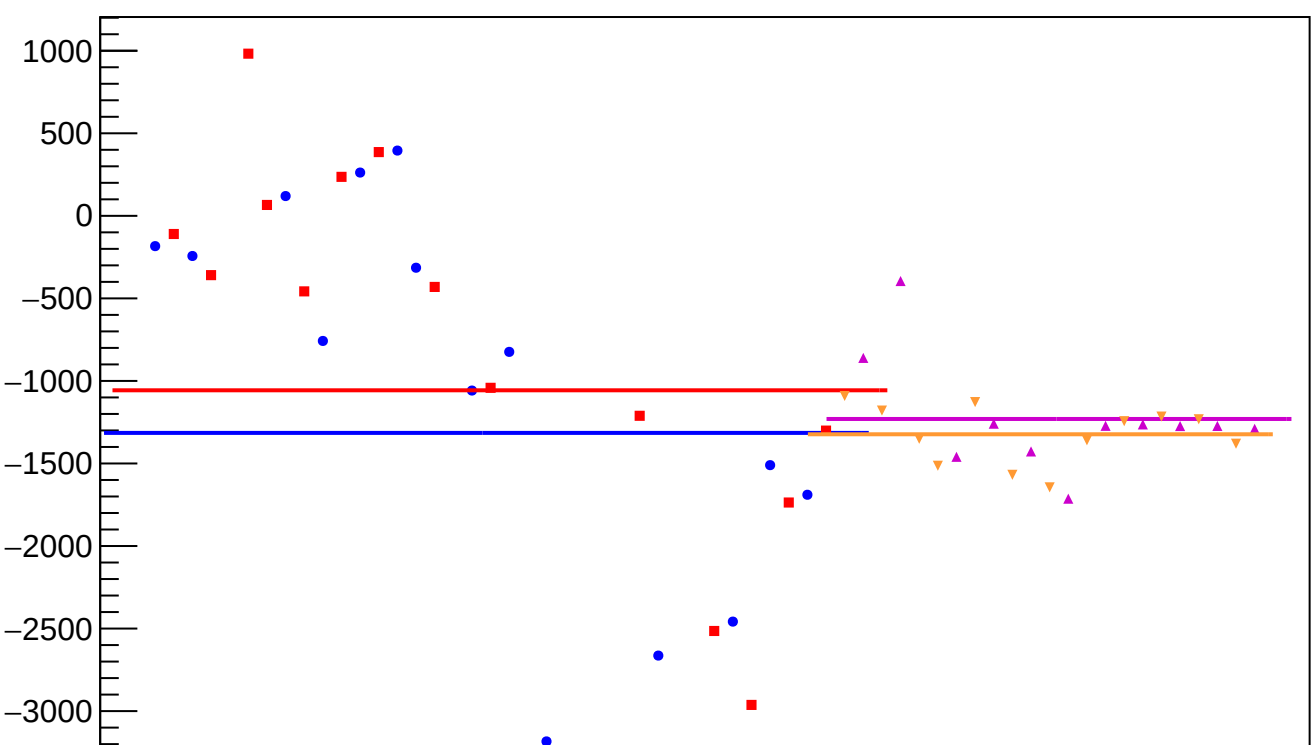
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

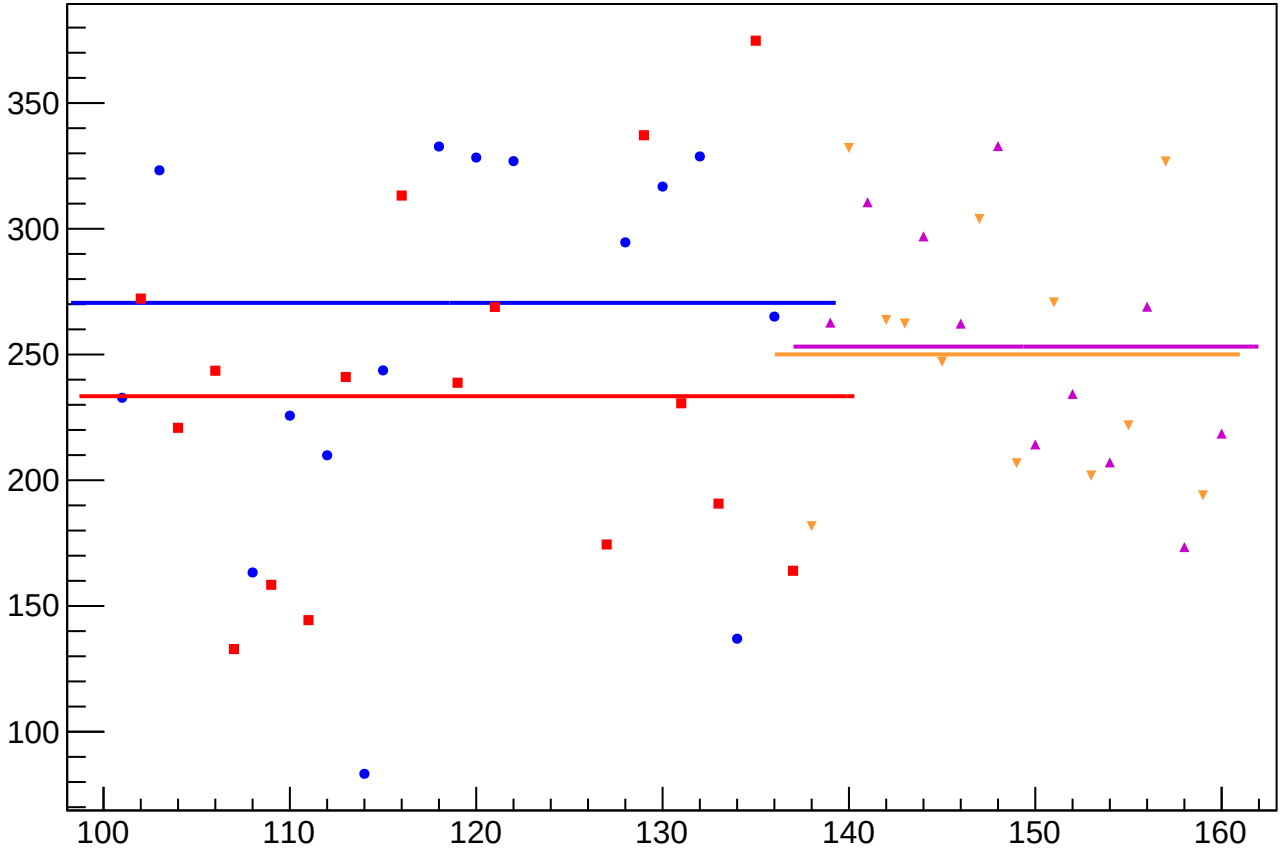
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

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

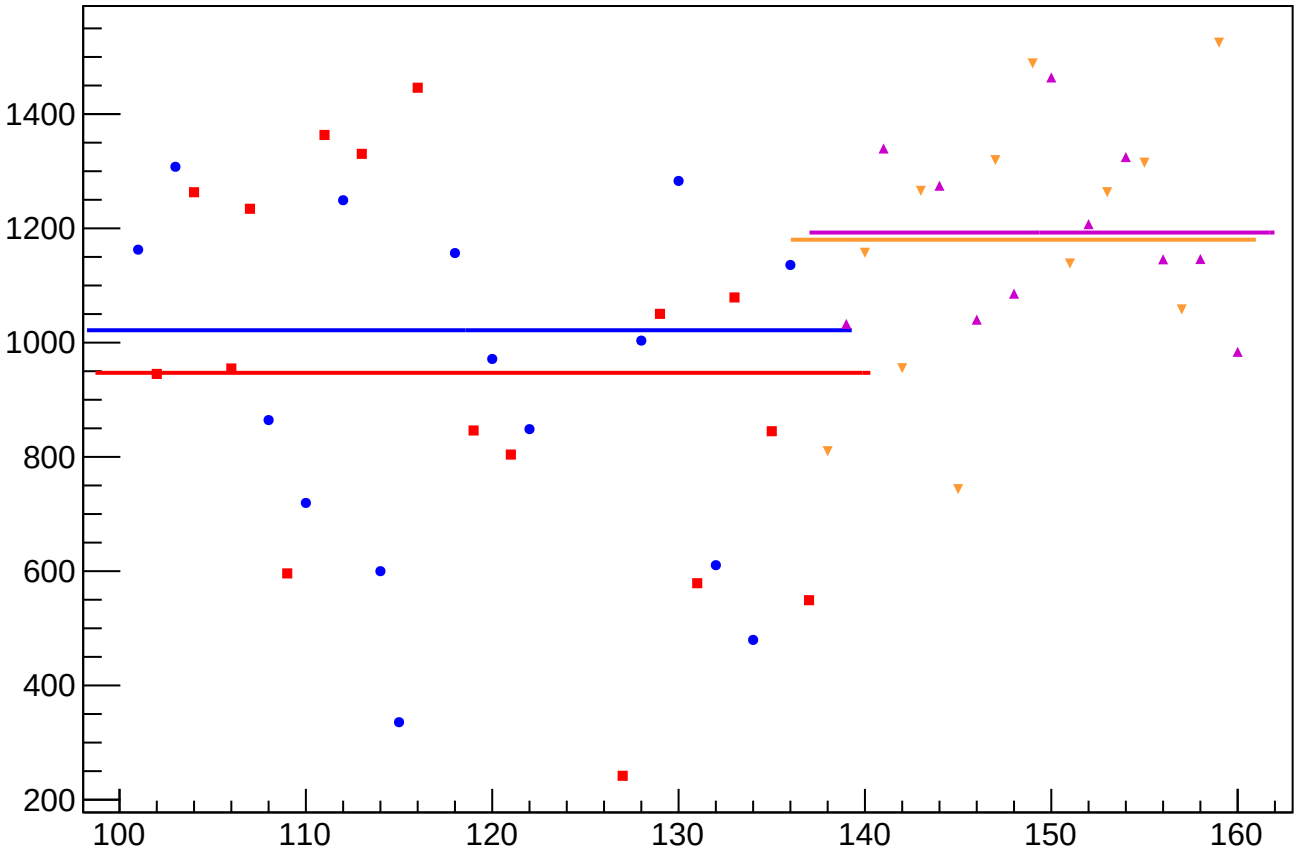
Left In: 253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

+ 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

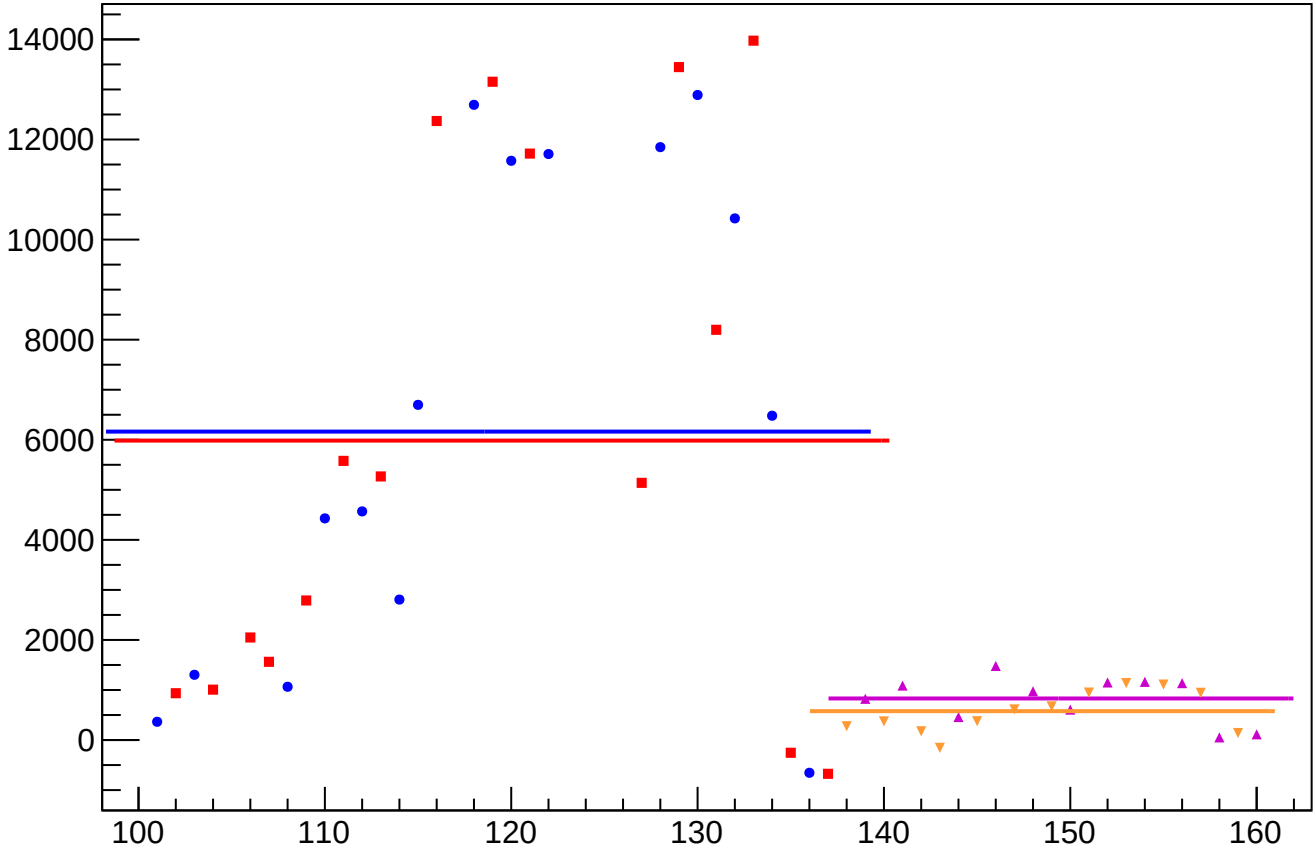
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ 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

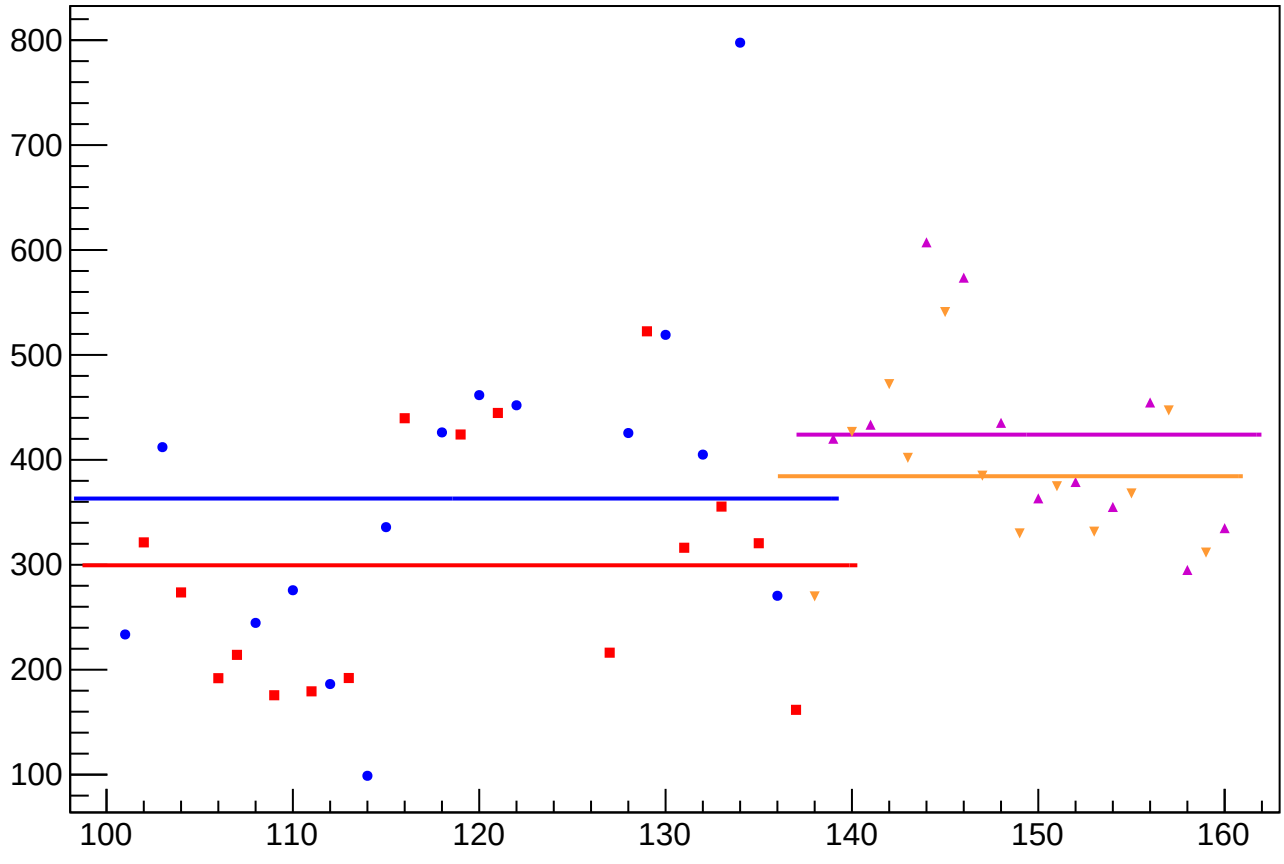
All: 2944.332+/-0.000 χ^2/NDF: 5815922787 8

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

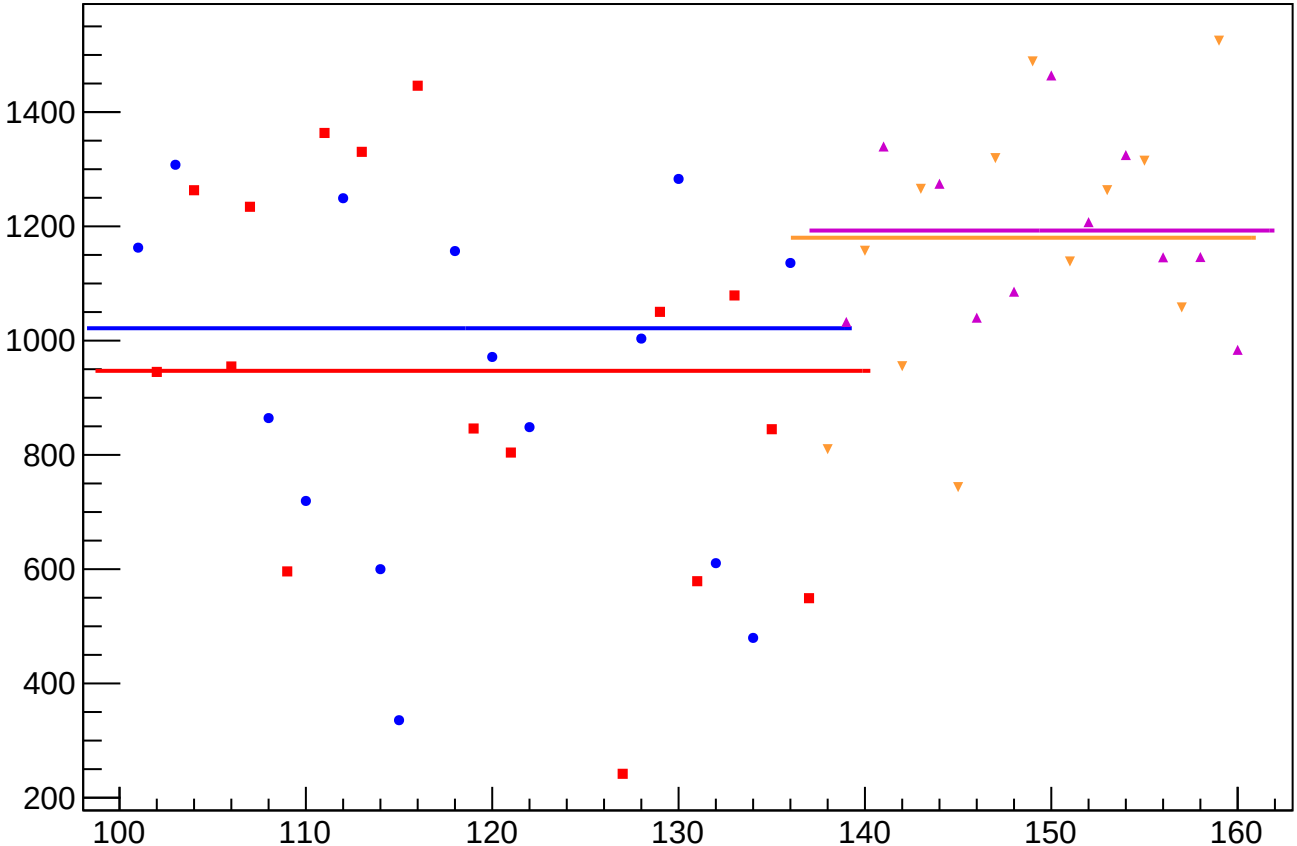
Left In: 424.034+/-0.000 χ^2/NDF:781289423171808610624109486888137523 2.0/10

+ 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

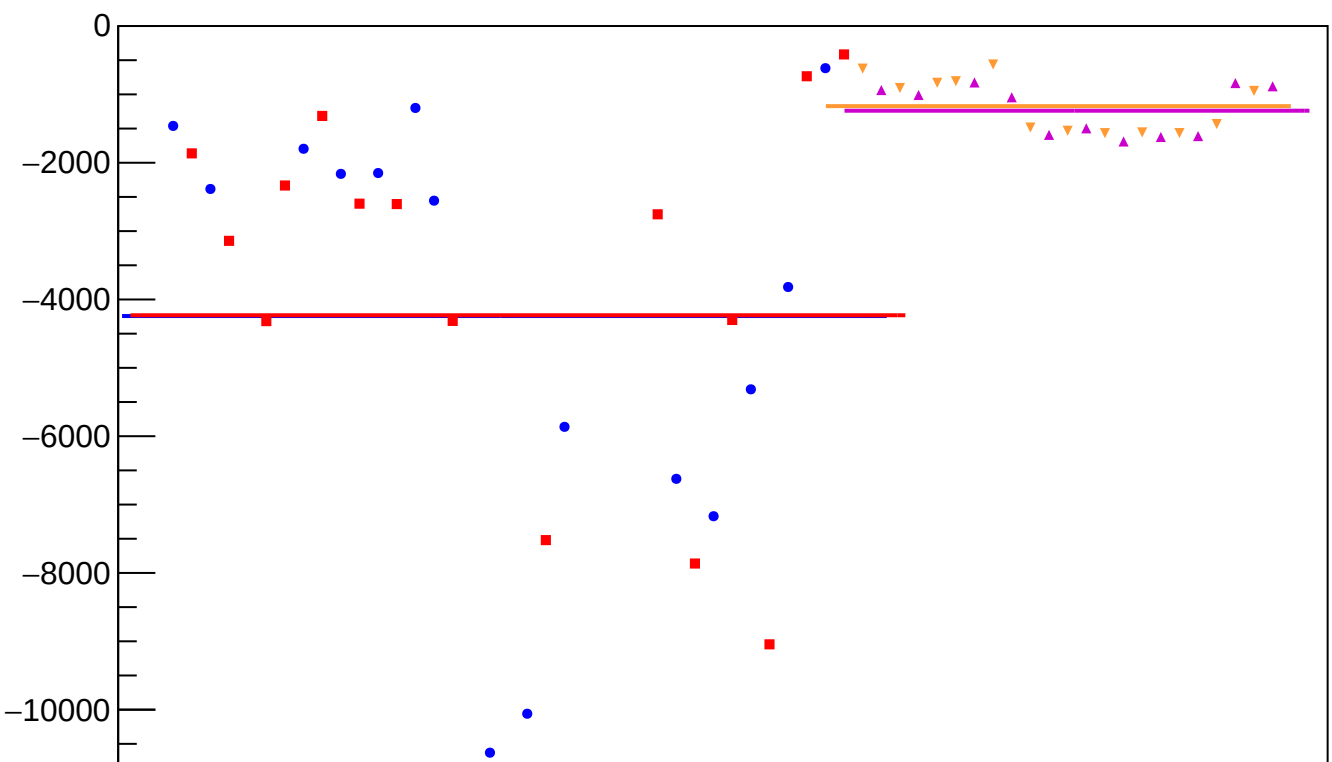
All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

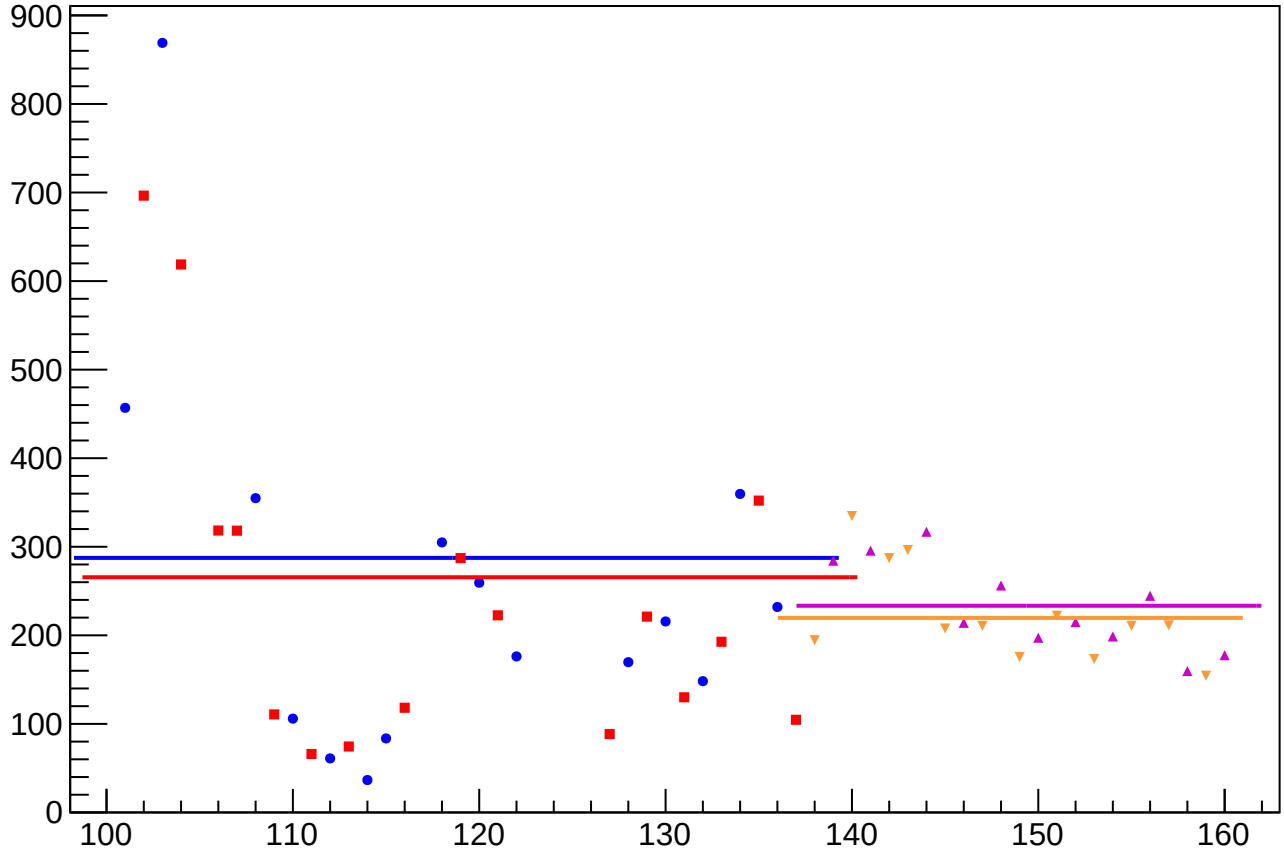
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

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

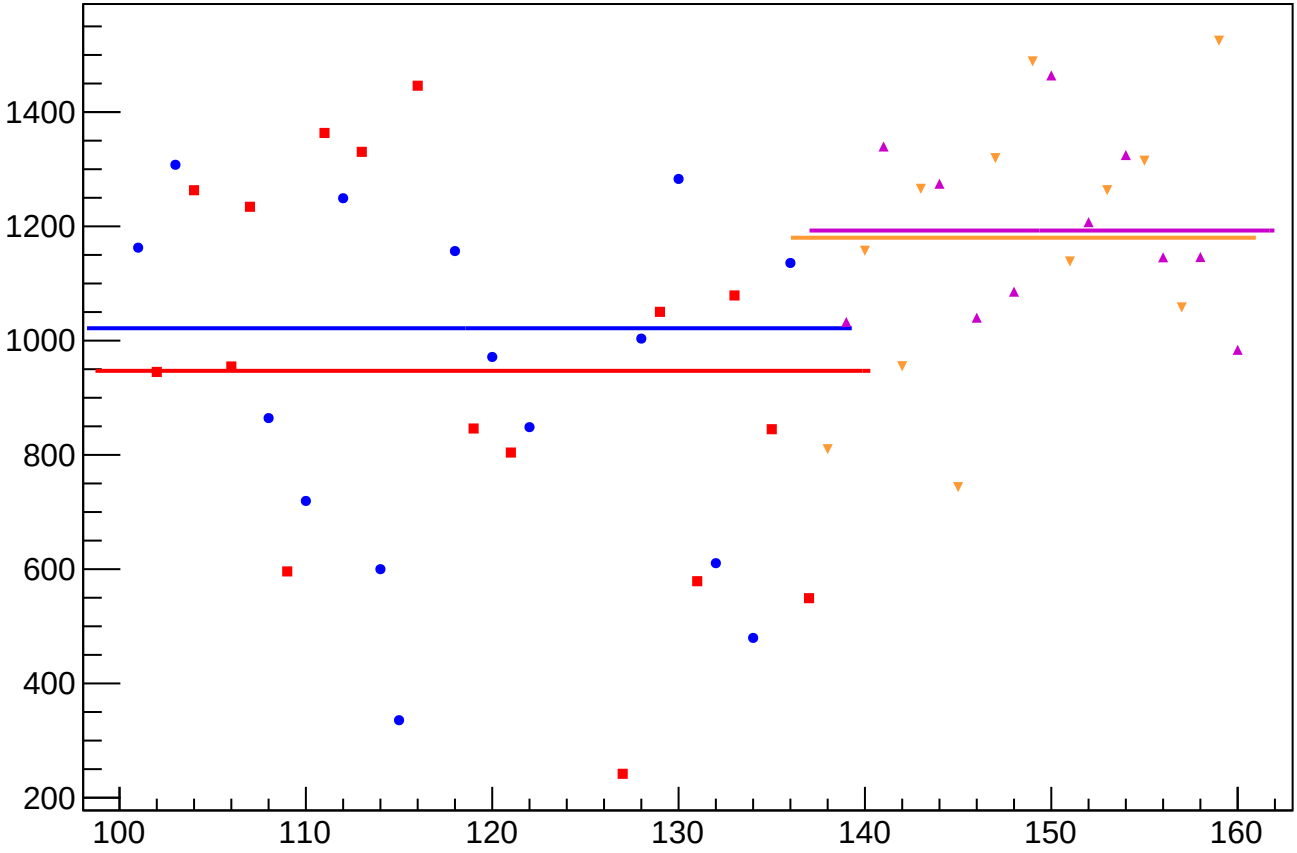
Left In: 233.397+/-0.000 χ^2/NDF:217134173798935923775359976649995 0592.0/10

+ 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

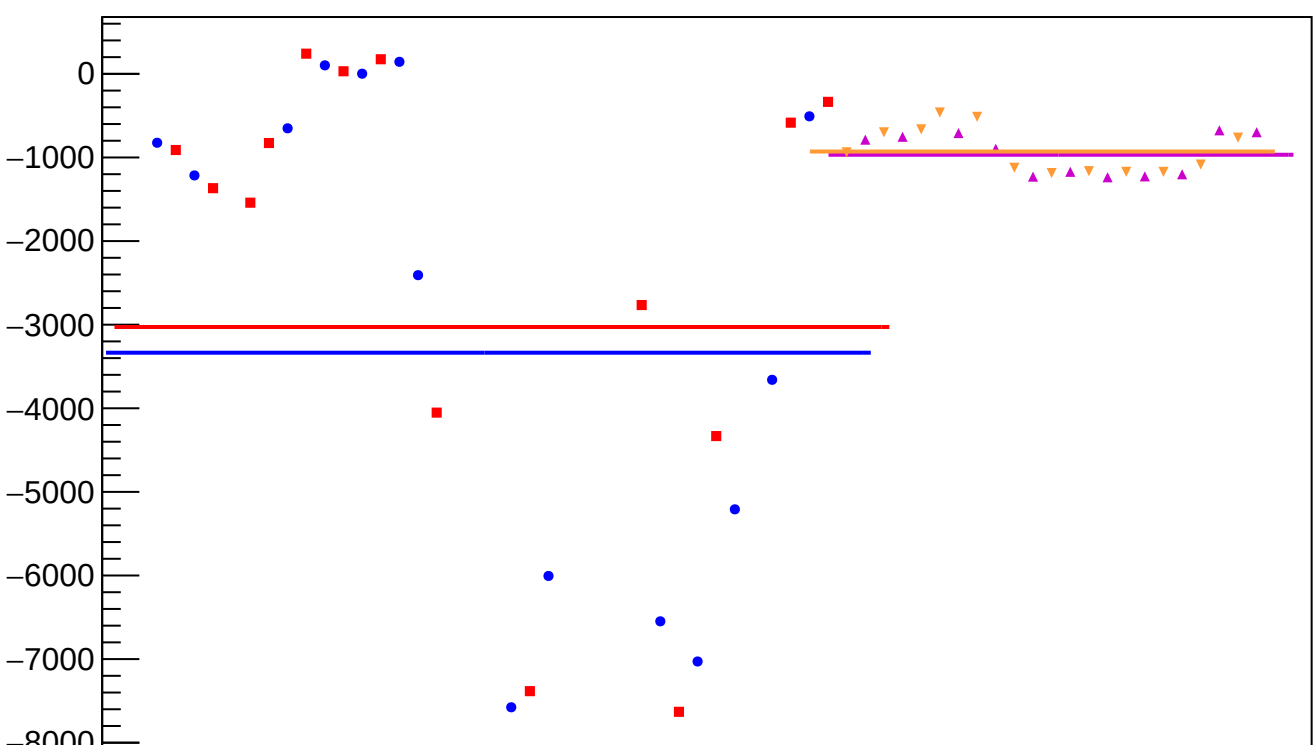
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1114.323+/-0.000 χ^2/NDF: 10080626753263

All: 1101.926+/-0.000 χ^2/NDF: 2116773045 2

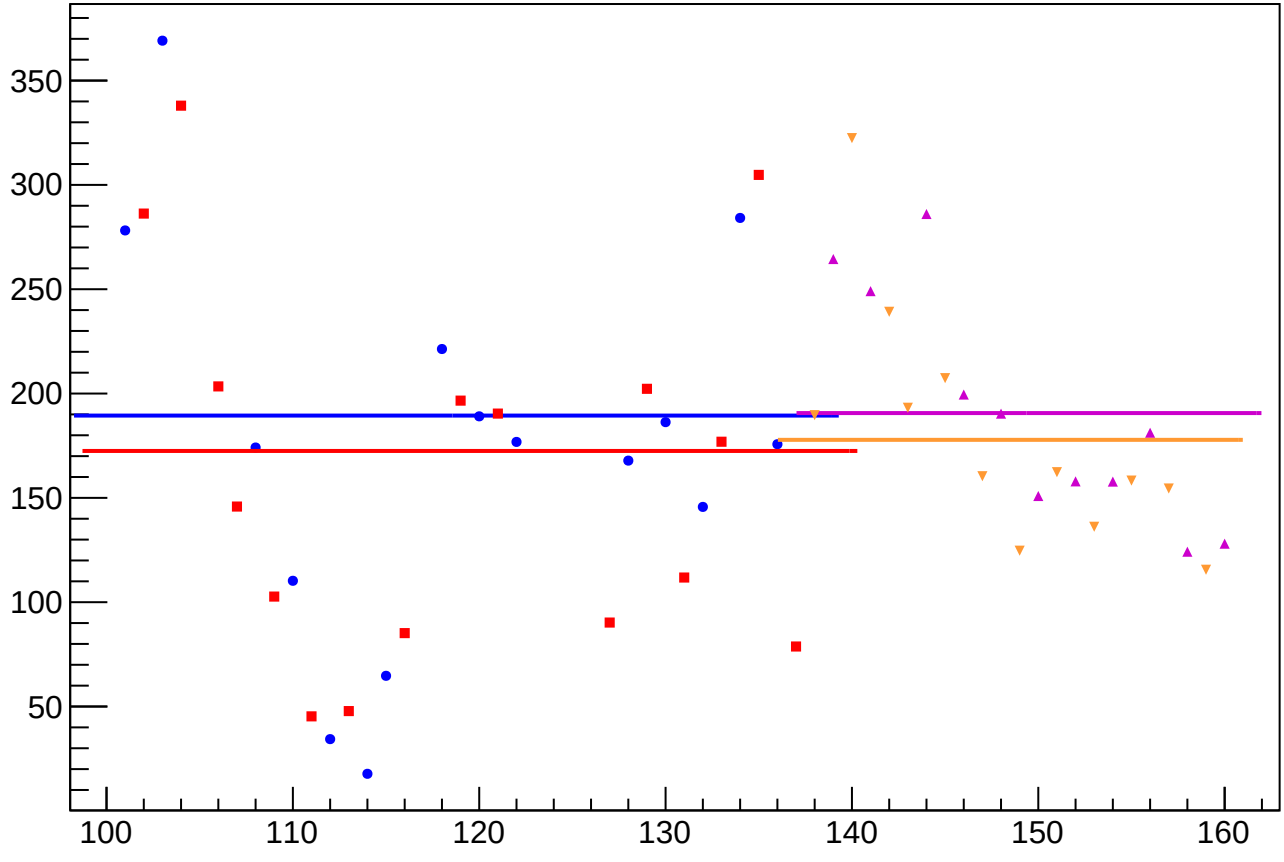
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

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

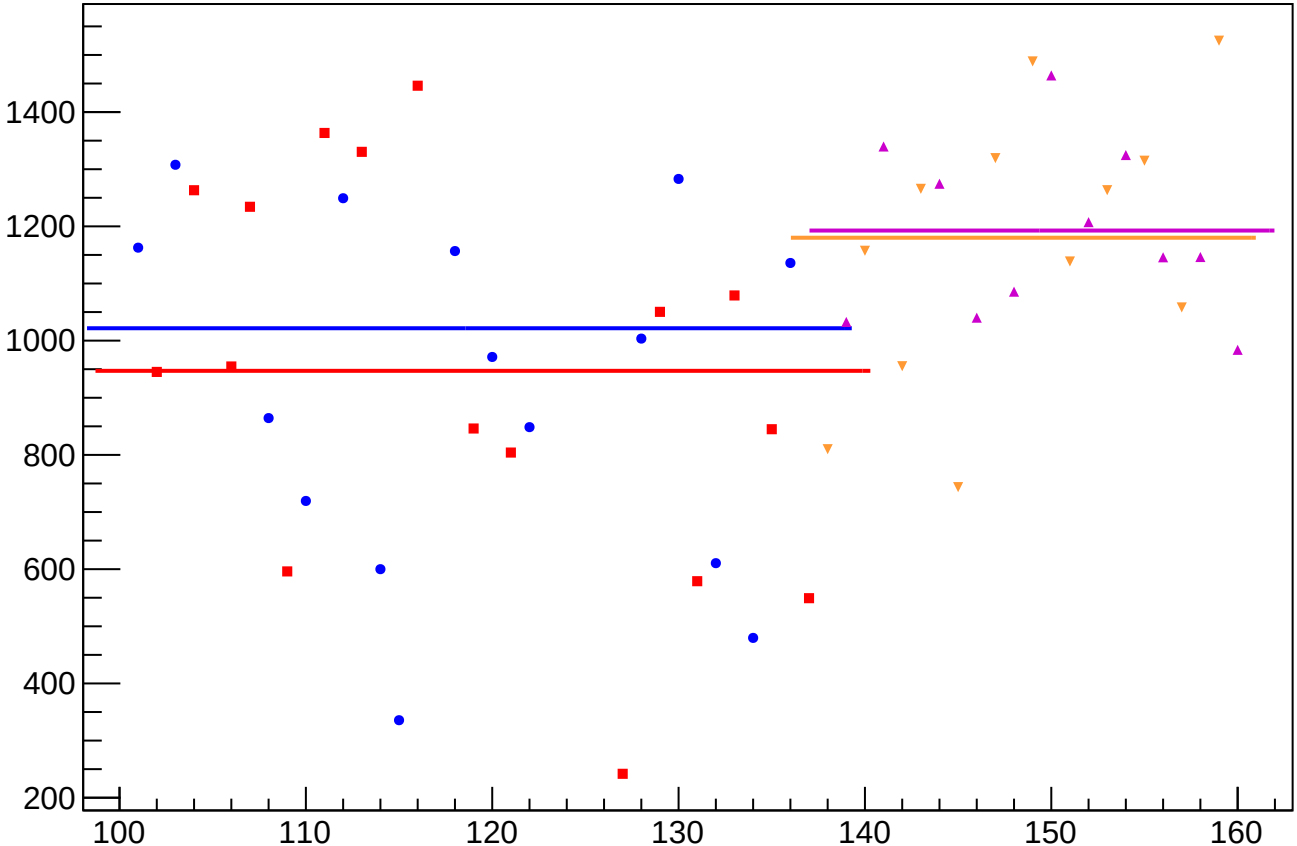
All: 182.836+/-0.000 χ^2/NDF: 15810669328

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

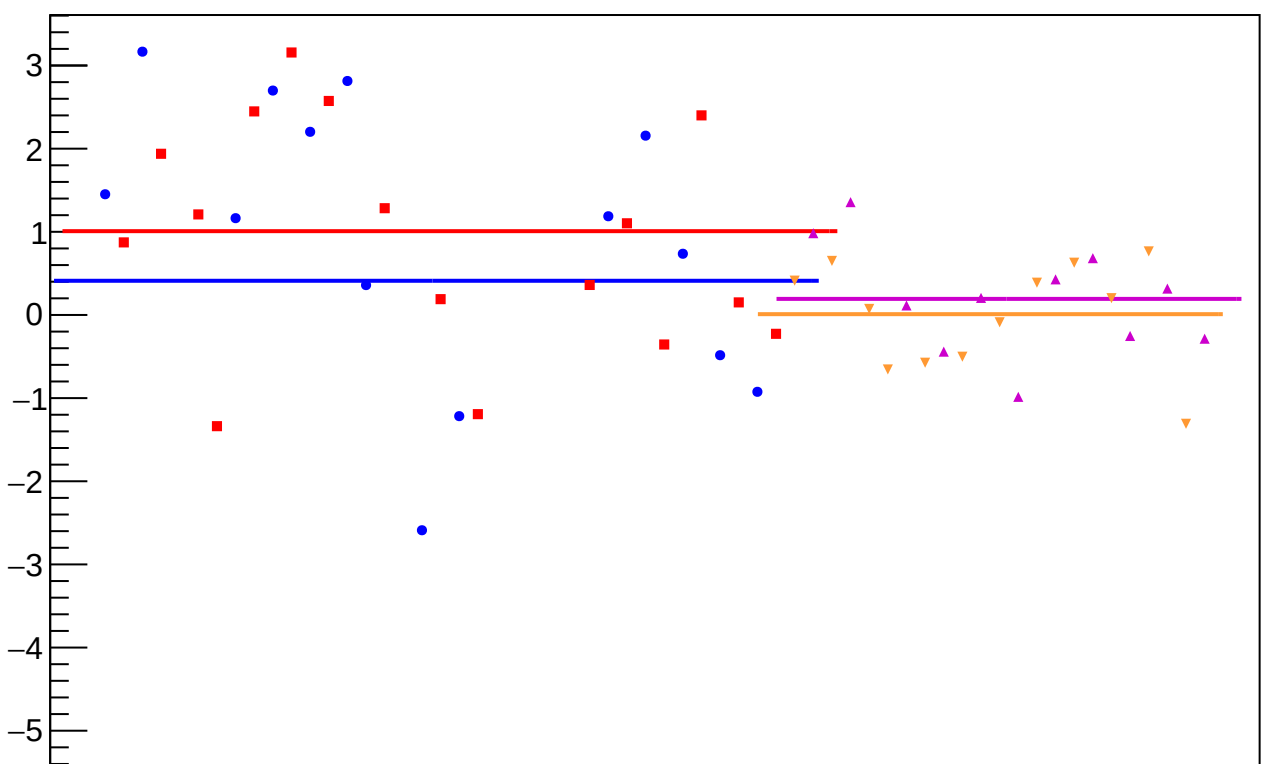
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ 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

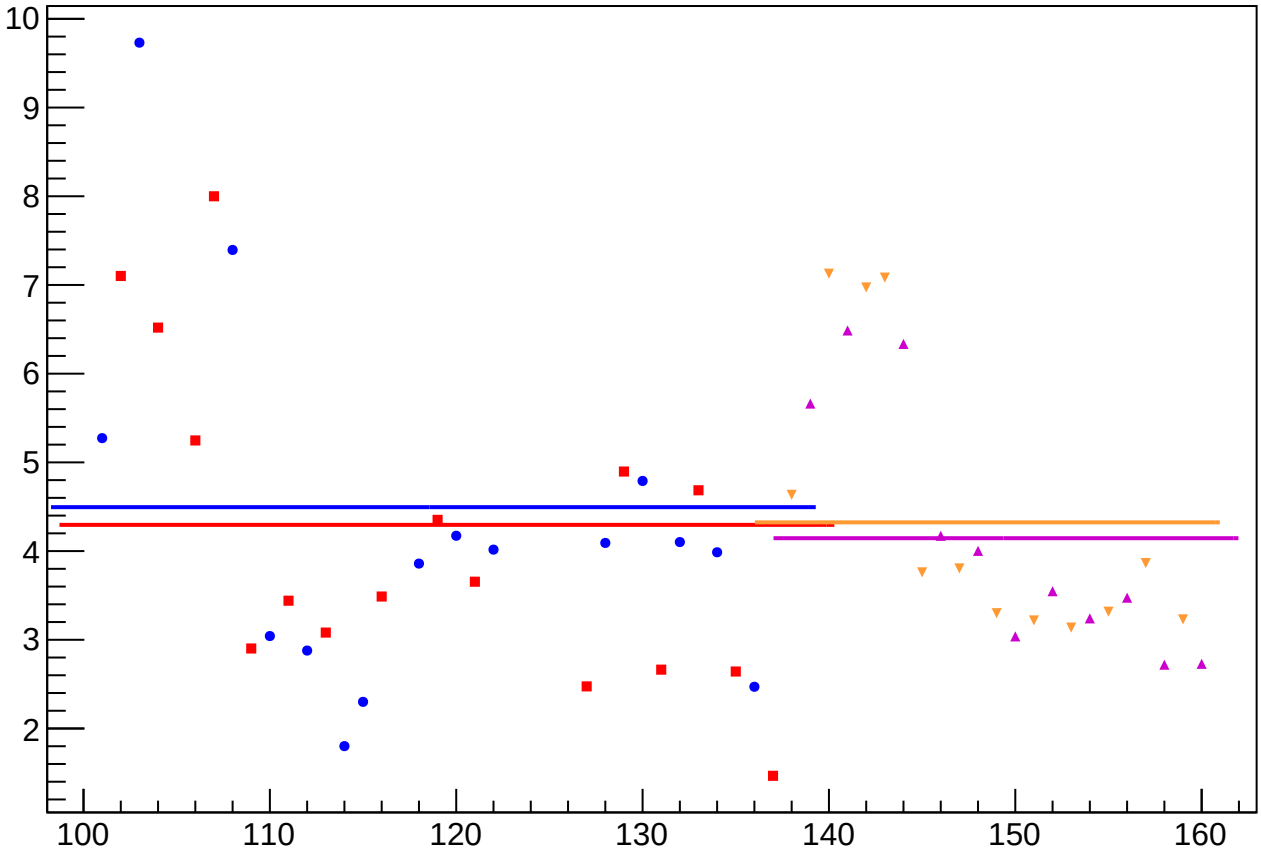
All: 0.357+/-0.000 χ^2/NDF: 5674167911062 2

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

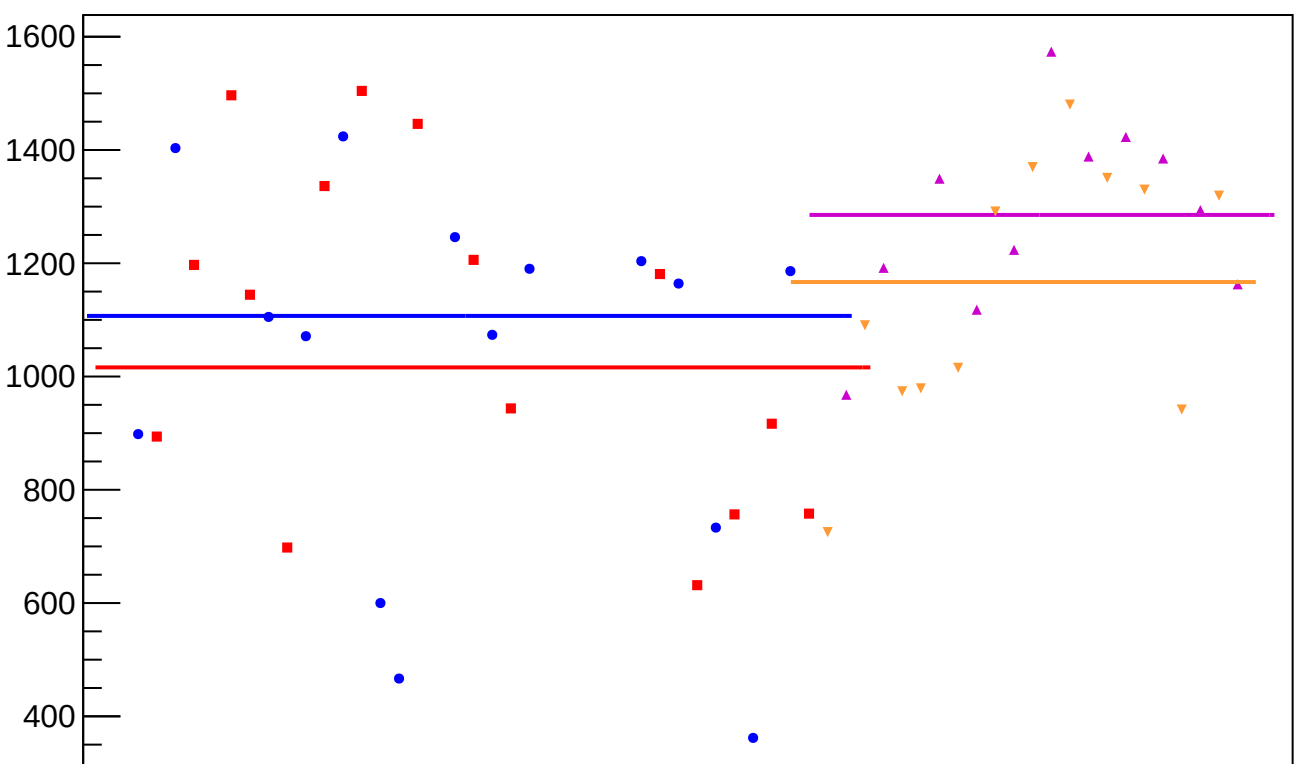
Left In: 4.145+/-0.000 χ^2/NDF:164594260430334960857184982794240 0.0/10

+ 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

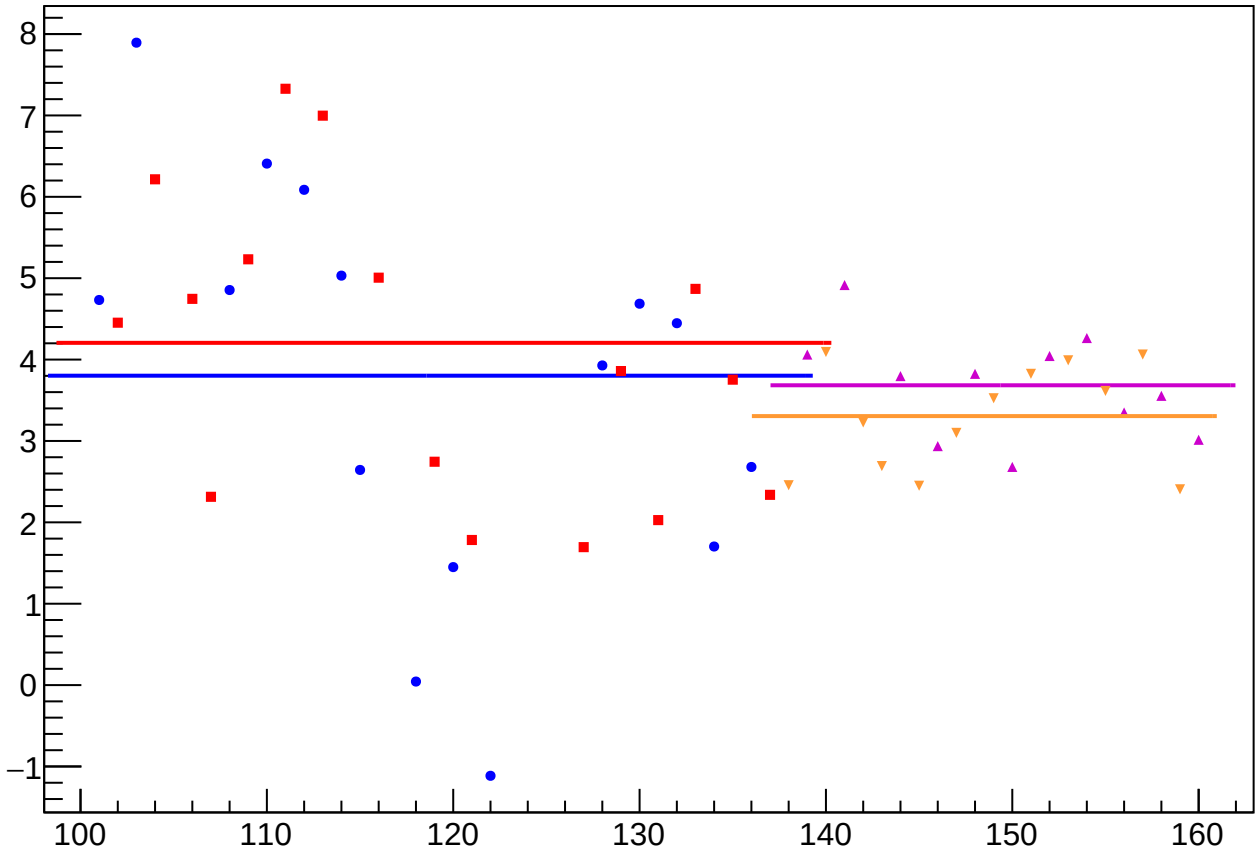
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ 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

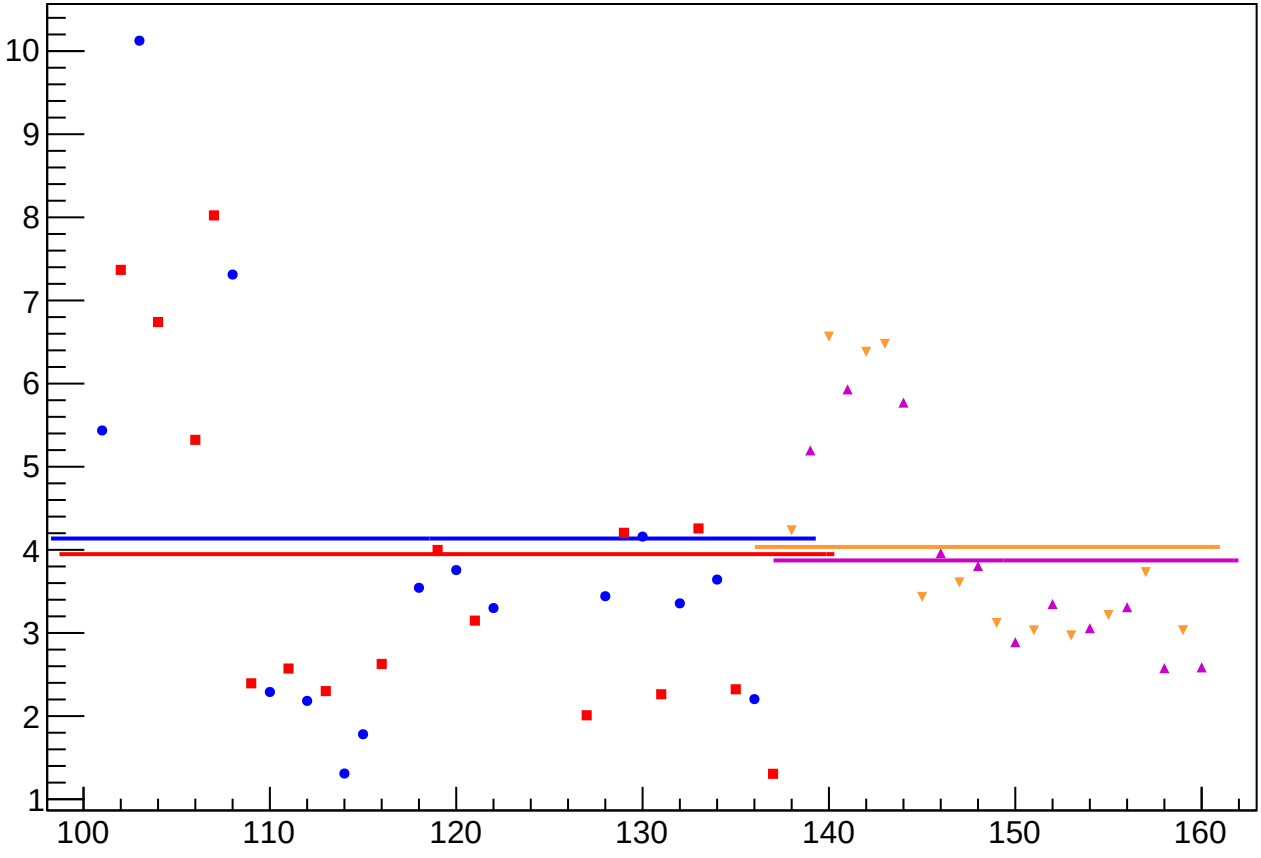
All: 3.709+/-0.000 χ^2/NDF: 6952977853900 1

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

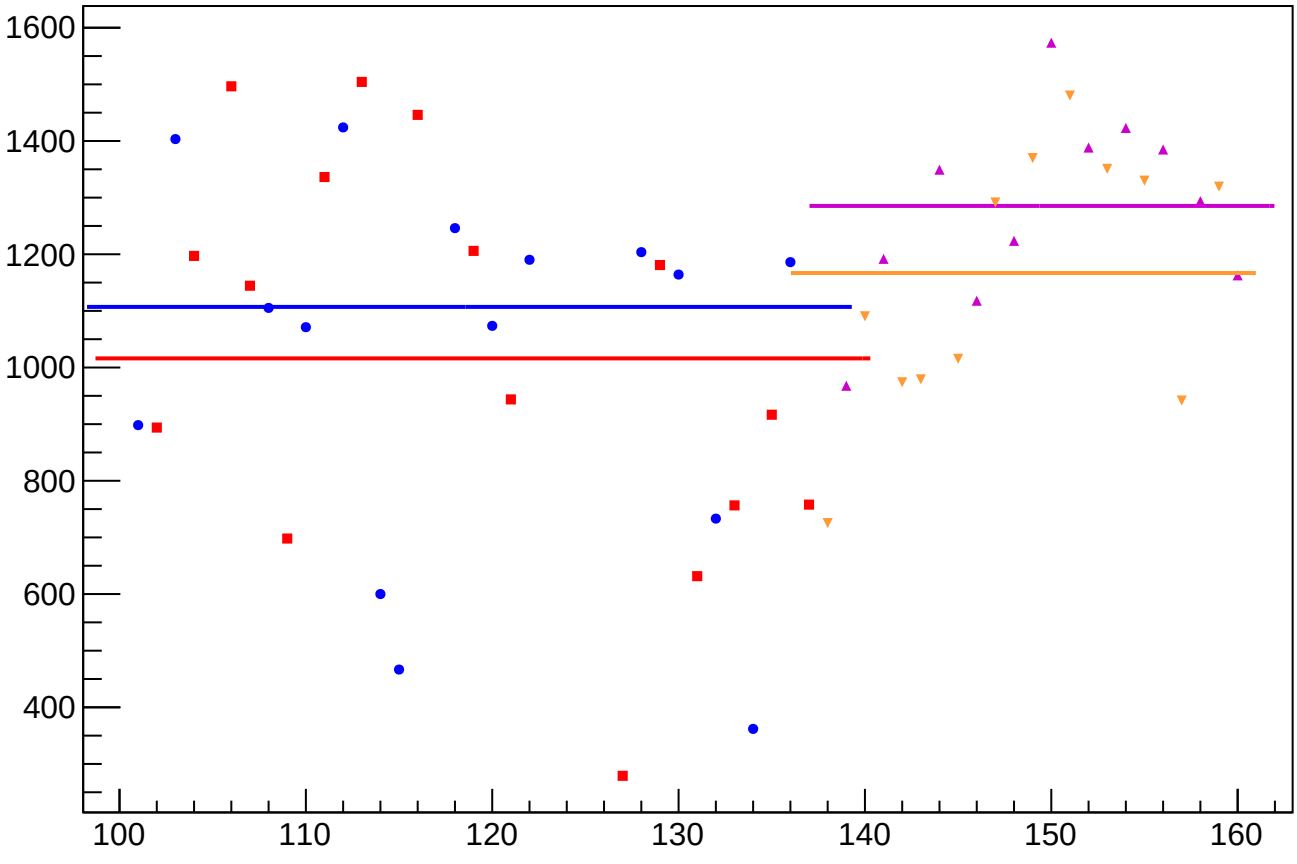
Left In: 3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

+ 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

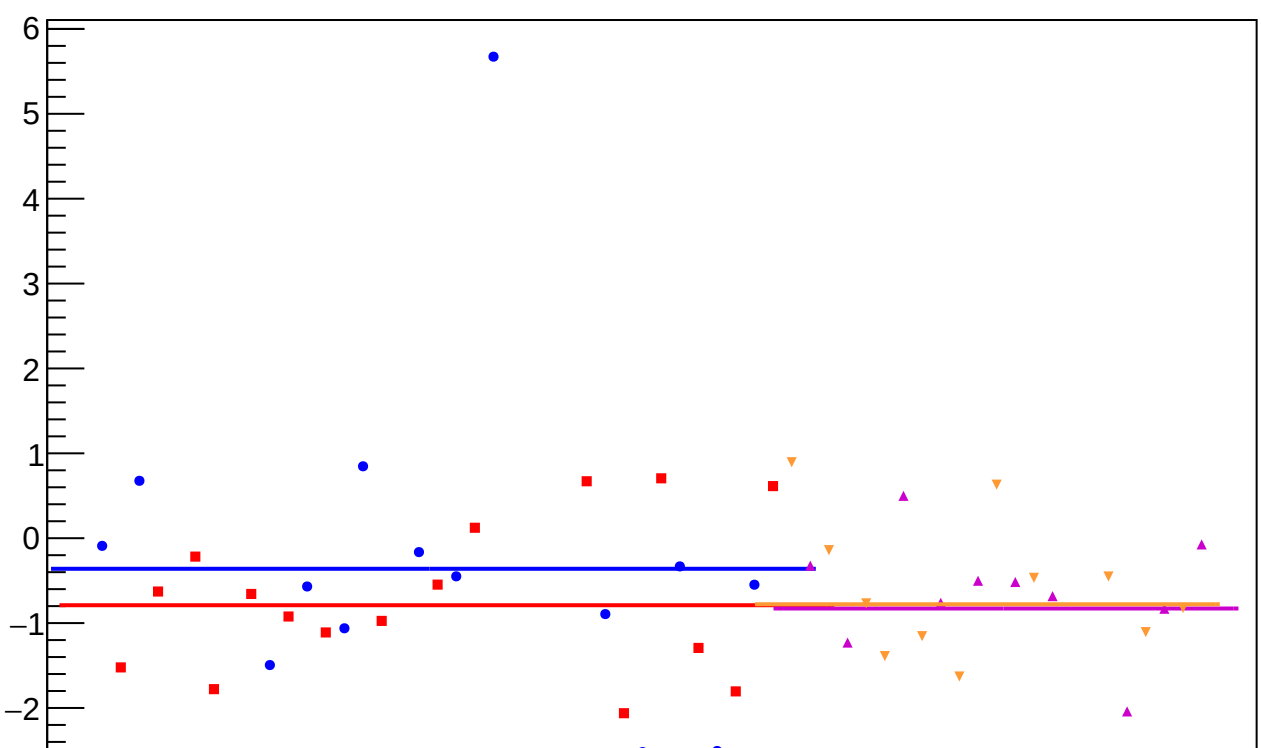
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ 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

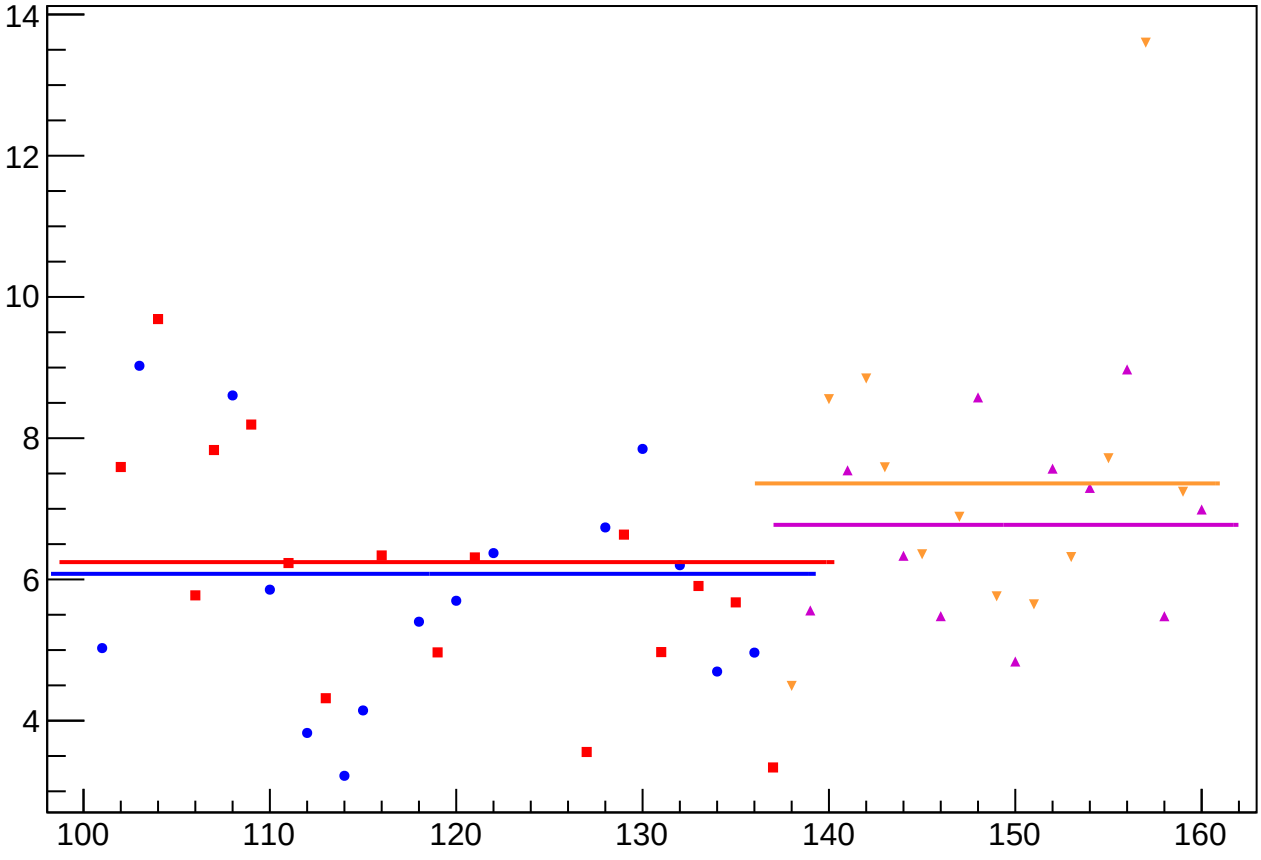
All: -0.709+/-0.000 χ^2/NDF: 4336052335682

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

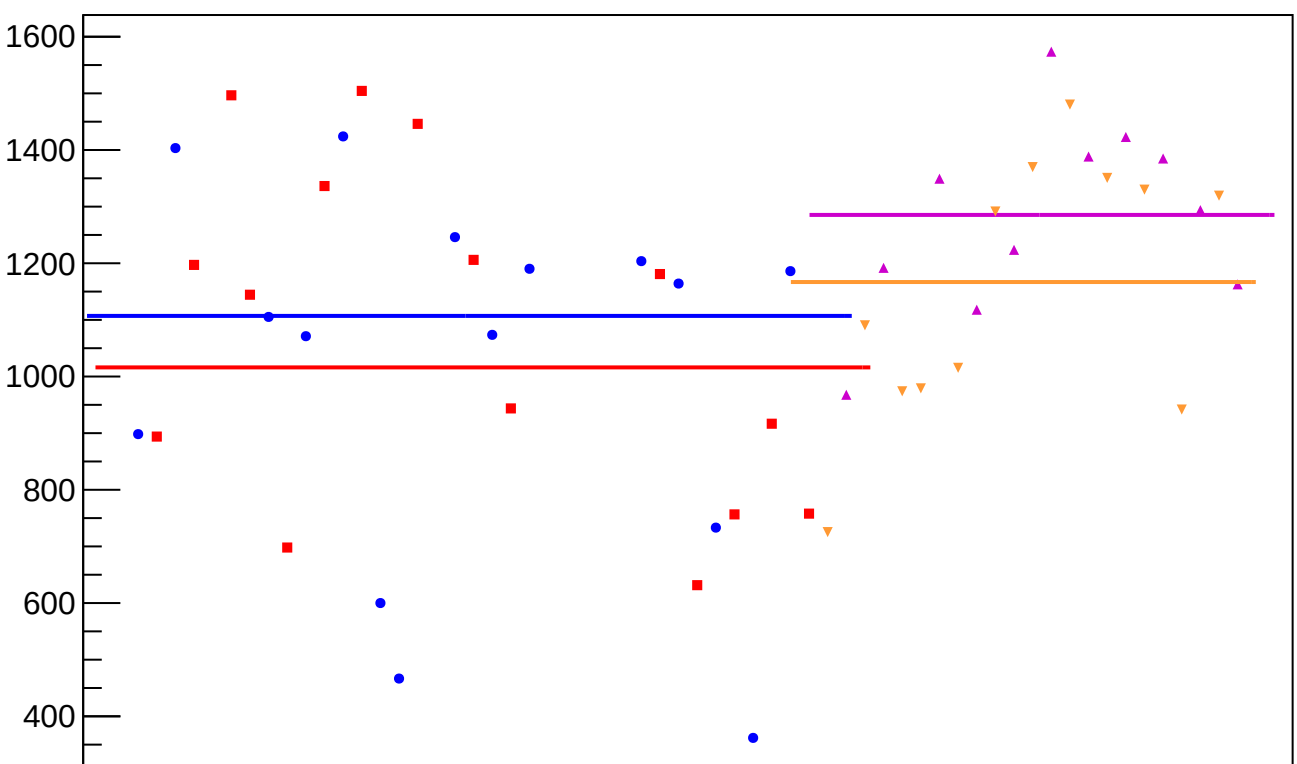
All: 6.689+/-0.000 χ^2/NDF: 1032305053905 5

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

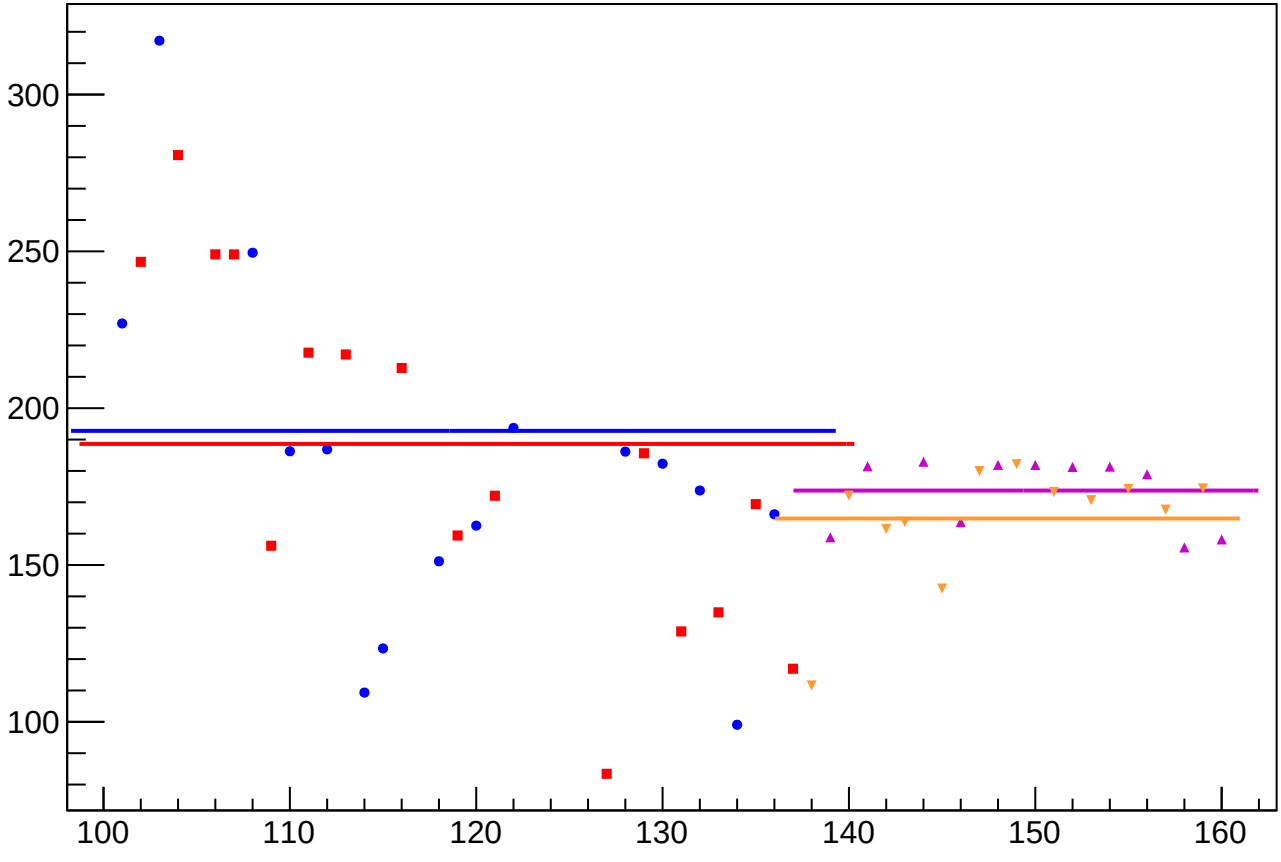
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ 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

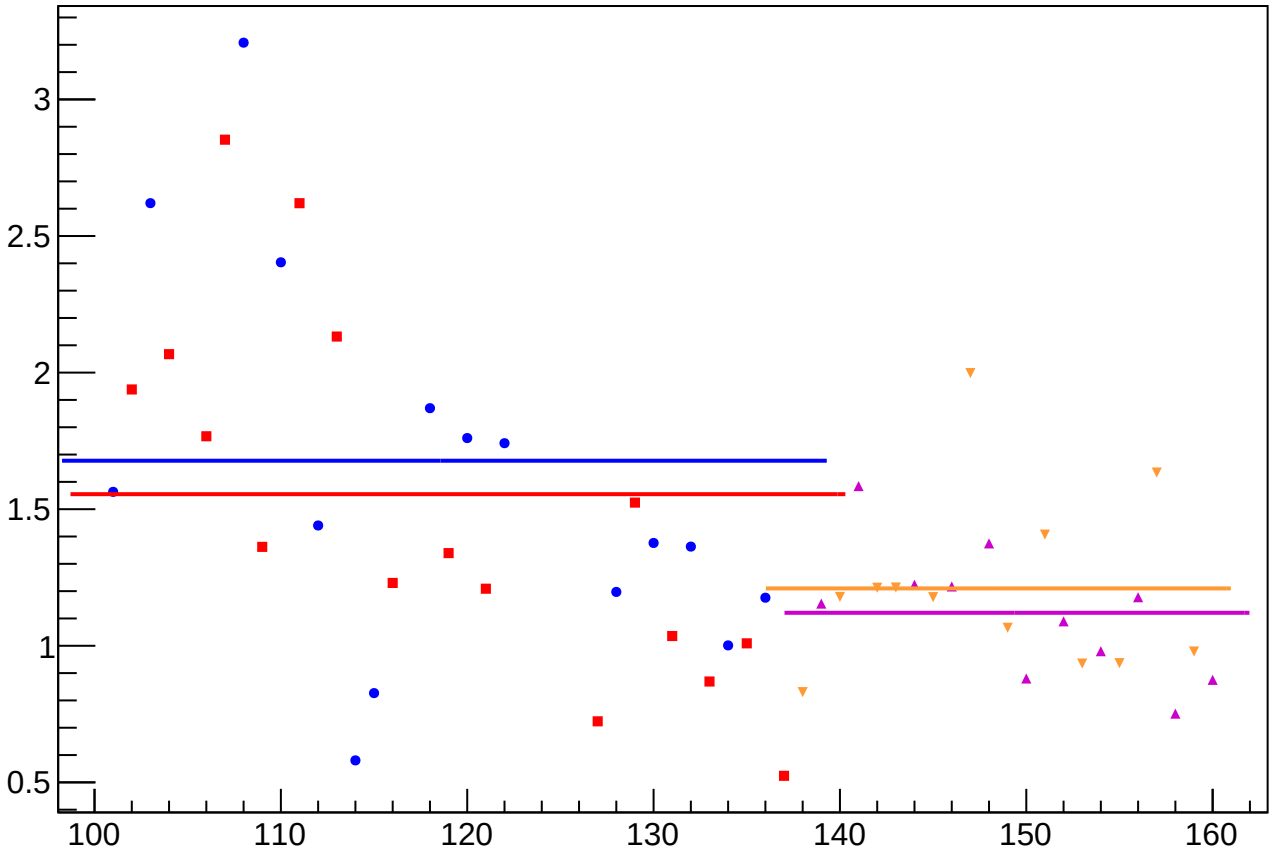
All: 178.219+/-0.000 χ^2/NDF: 43935498747

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

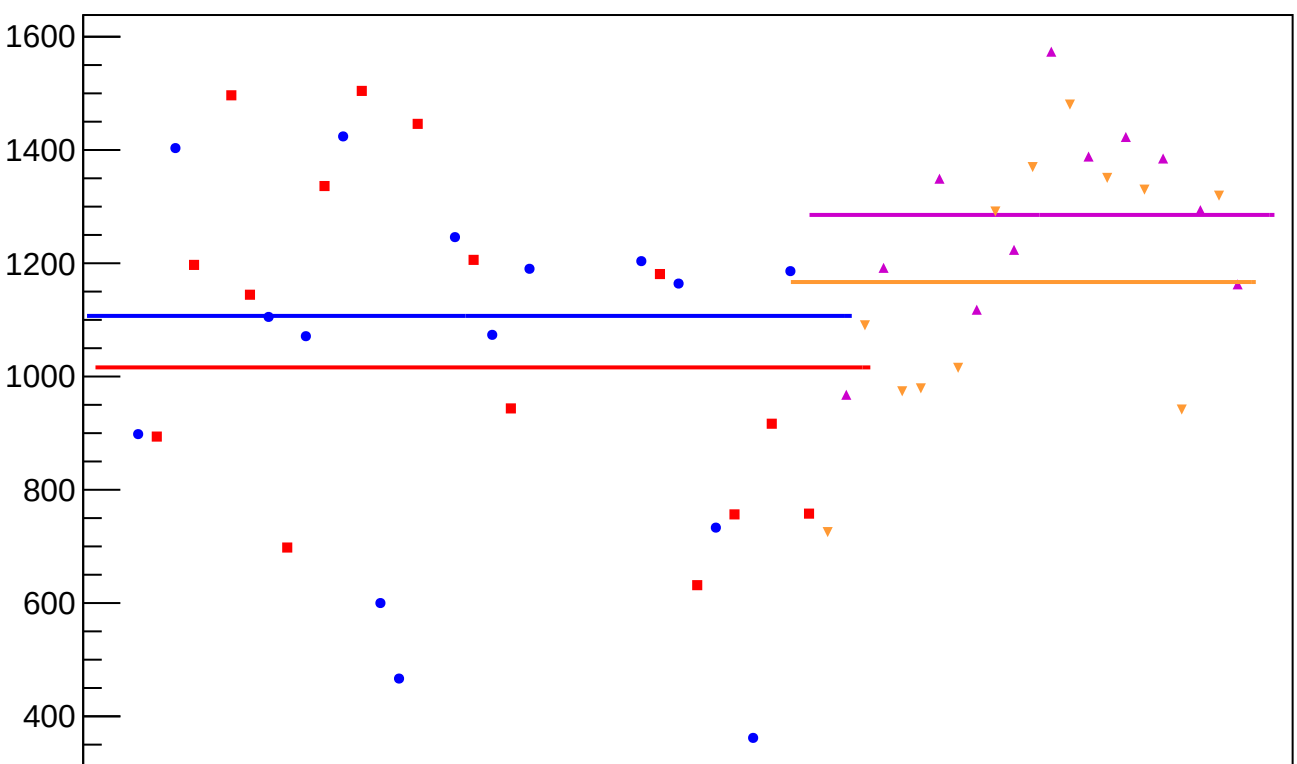
All: 1.353+/-0.000 χ^2/NDF: 8054448524380 2

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

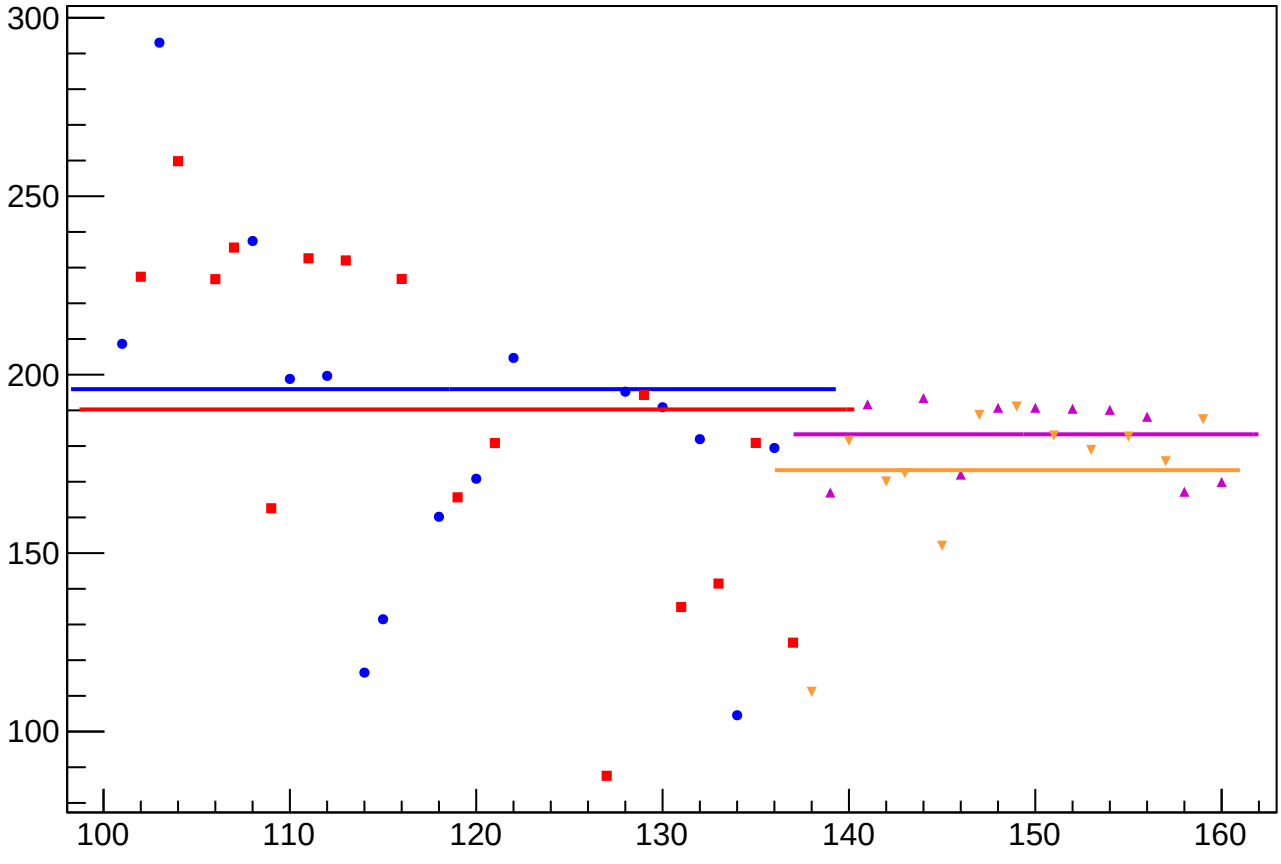
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ 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

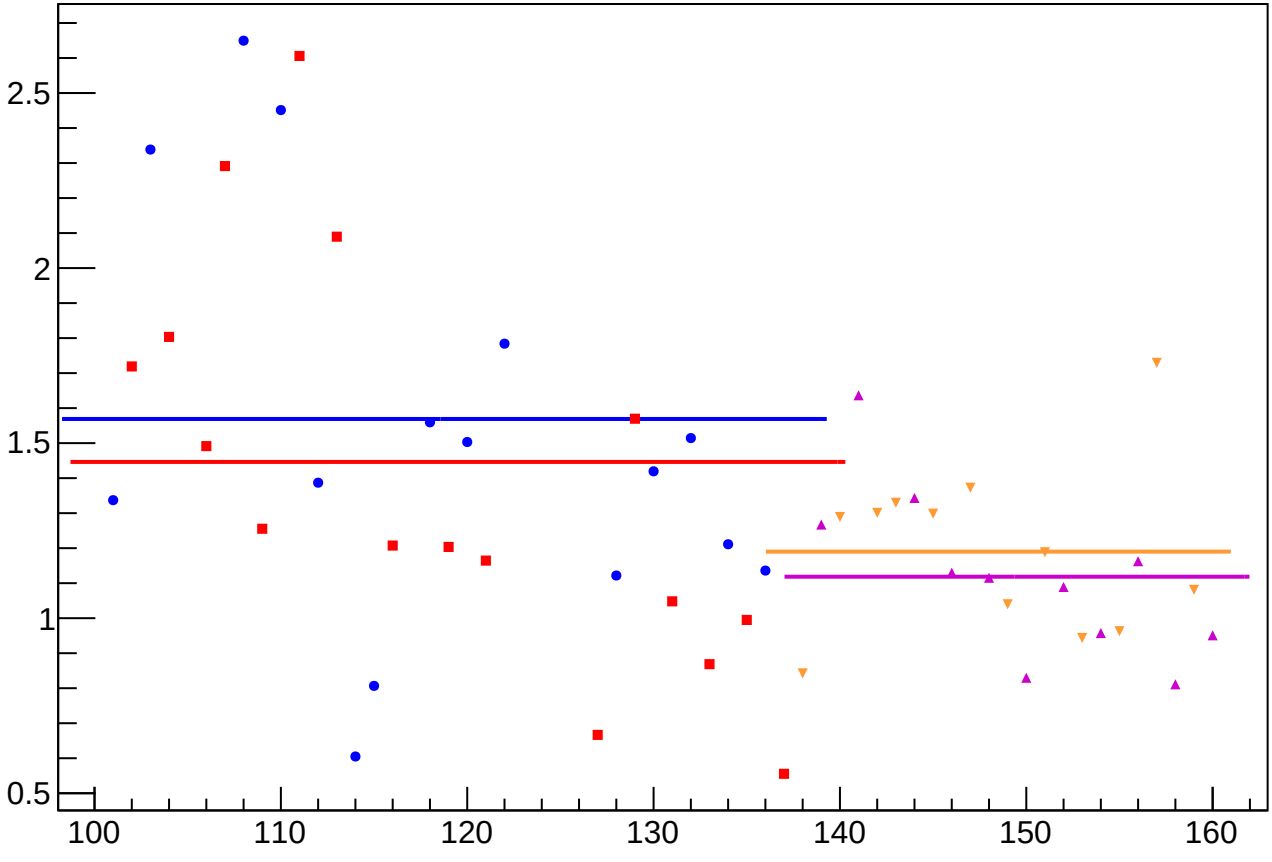
Left In: 183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

+ 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

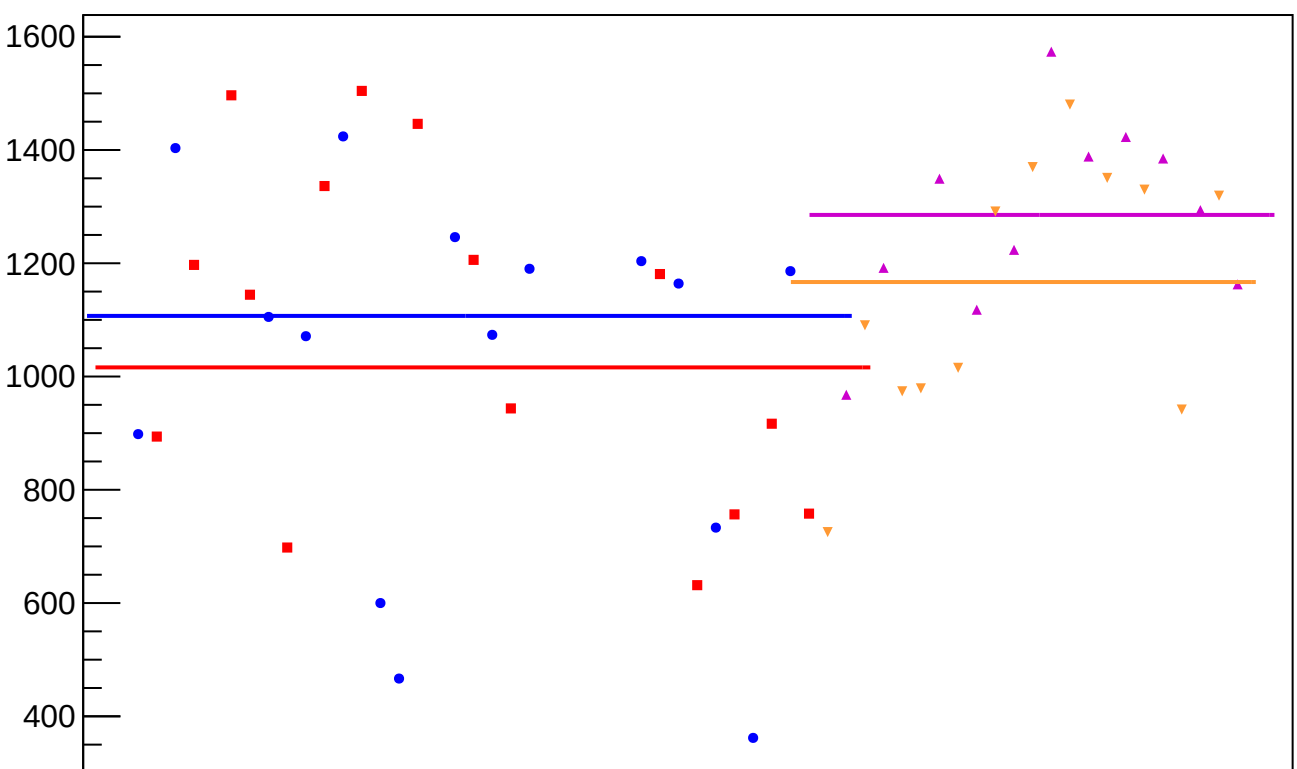
Left In: 1.118+/-0.000 χ^2/NDF:4897349699572348091180136582348 8.0/10

+ 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

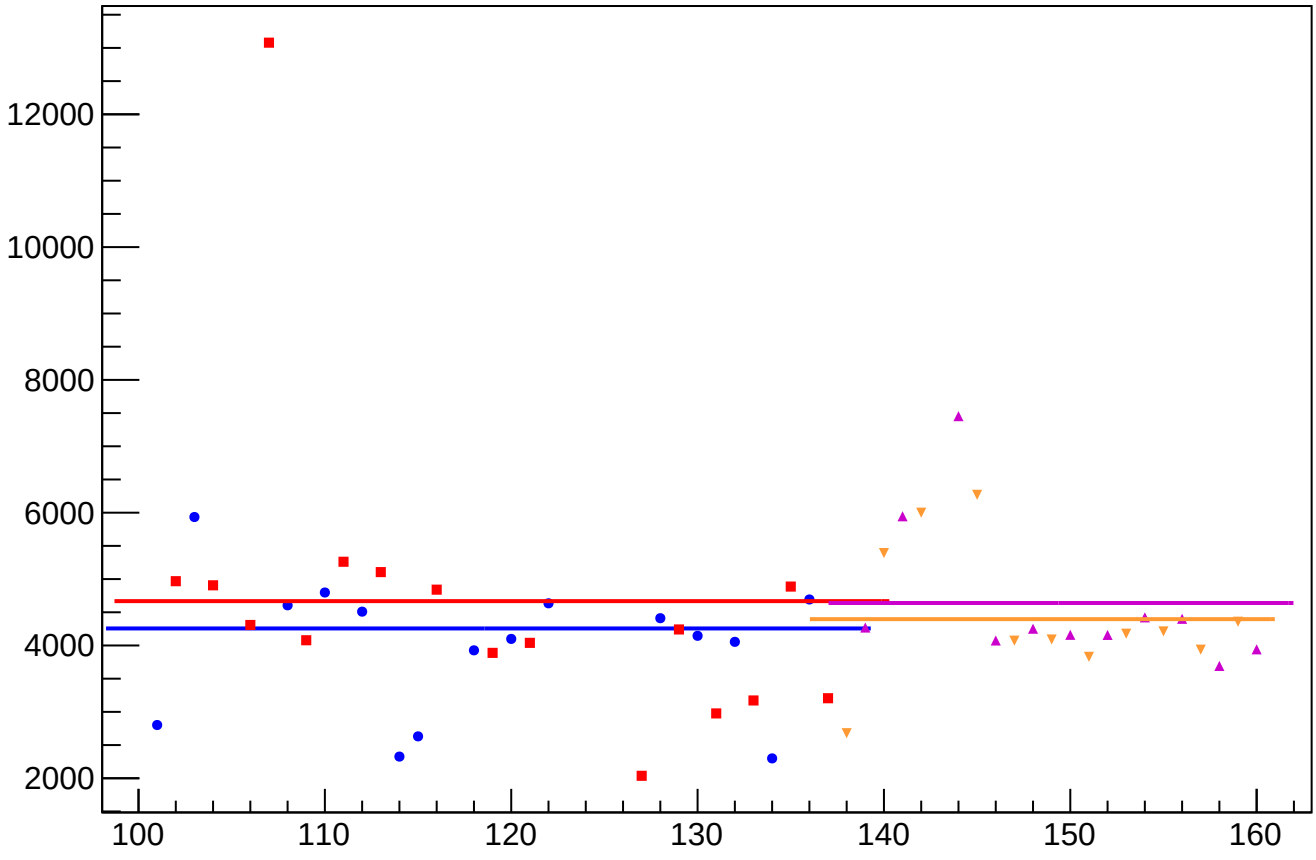
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ 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

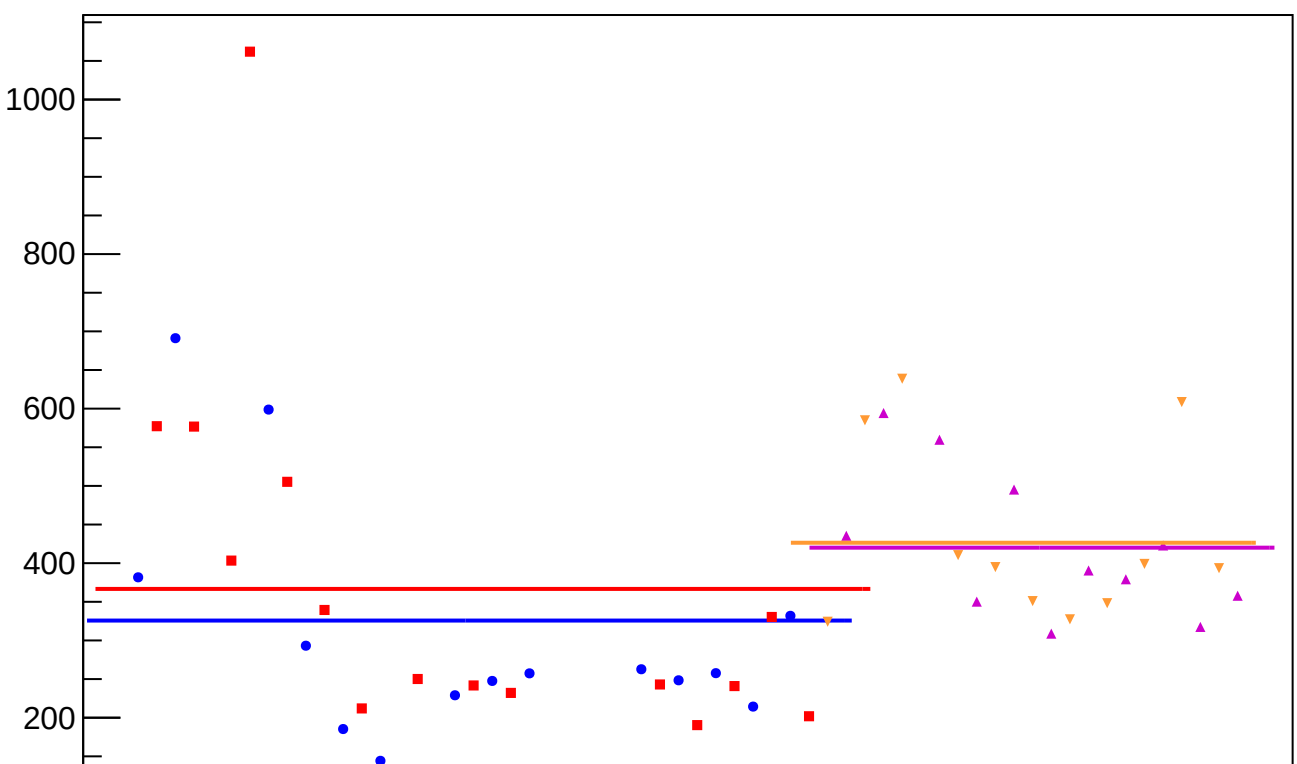
All: 4498.481+/-0.000 χ^2/NDF: 5611121427 8

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

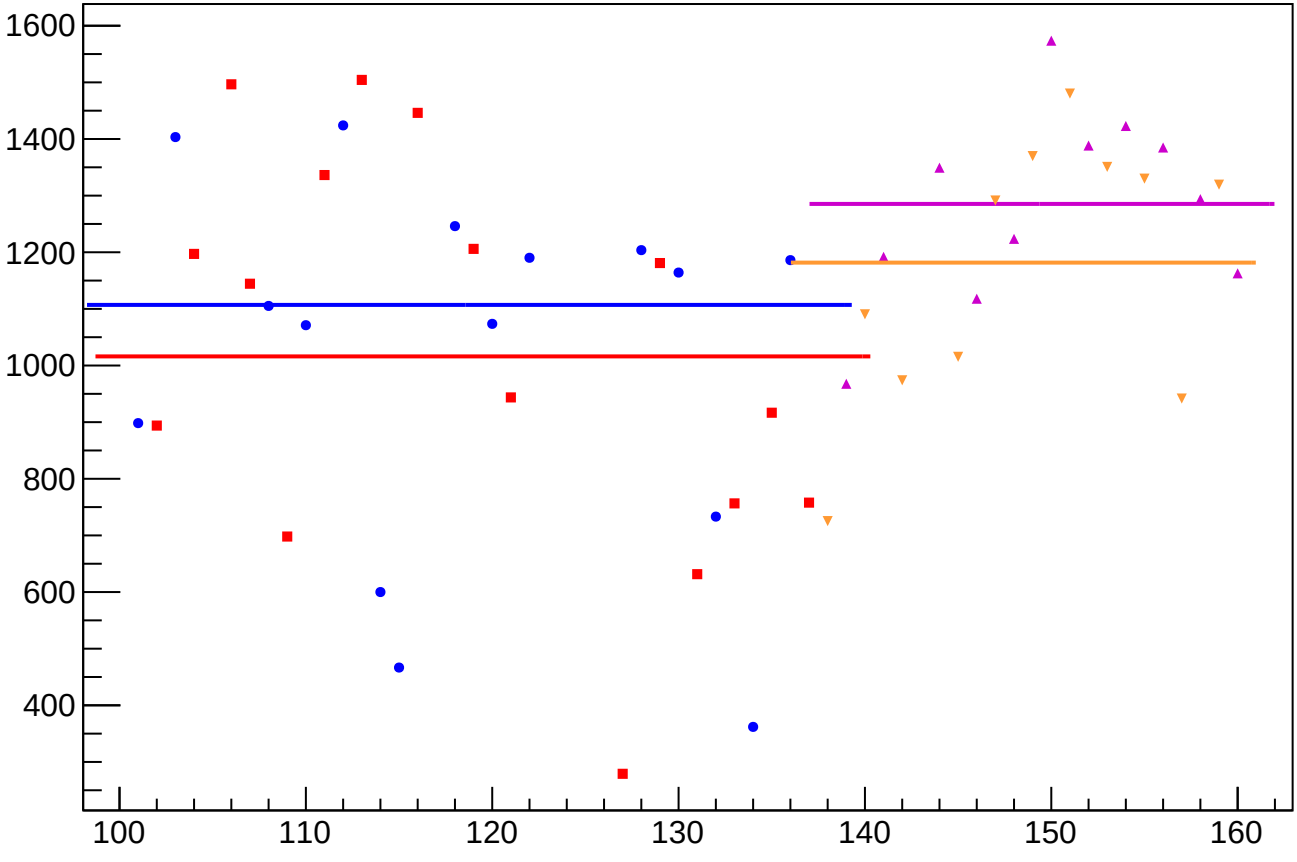
All: 390.448+/-0.000 χ^2/NDF: 69004632674

Right Out: 366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

- sign 397.684+/-0.000 χ^2/NDF: 409075450012092

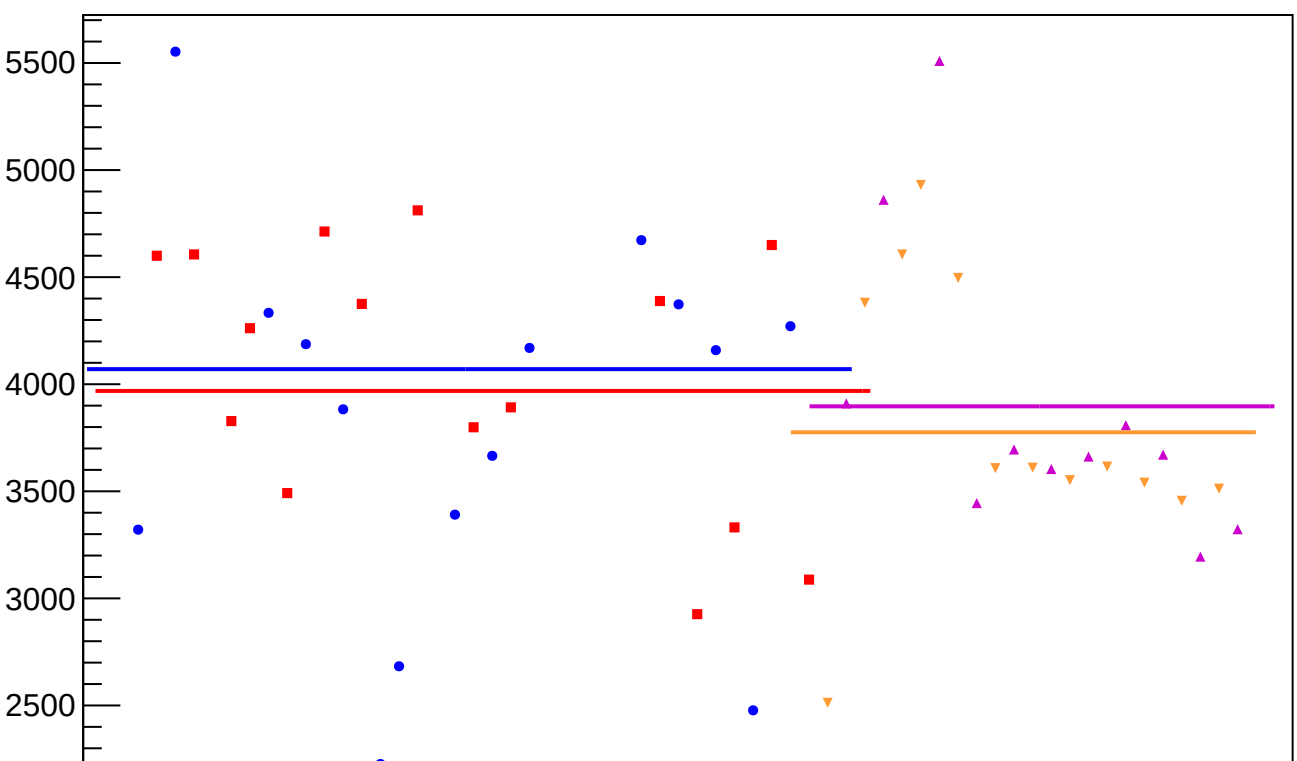
Left In: 420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

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

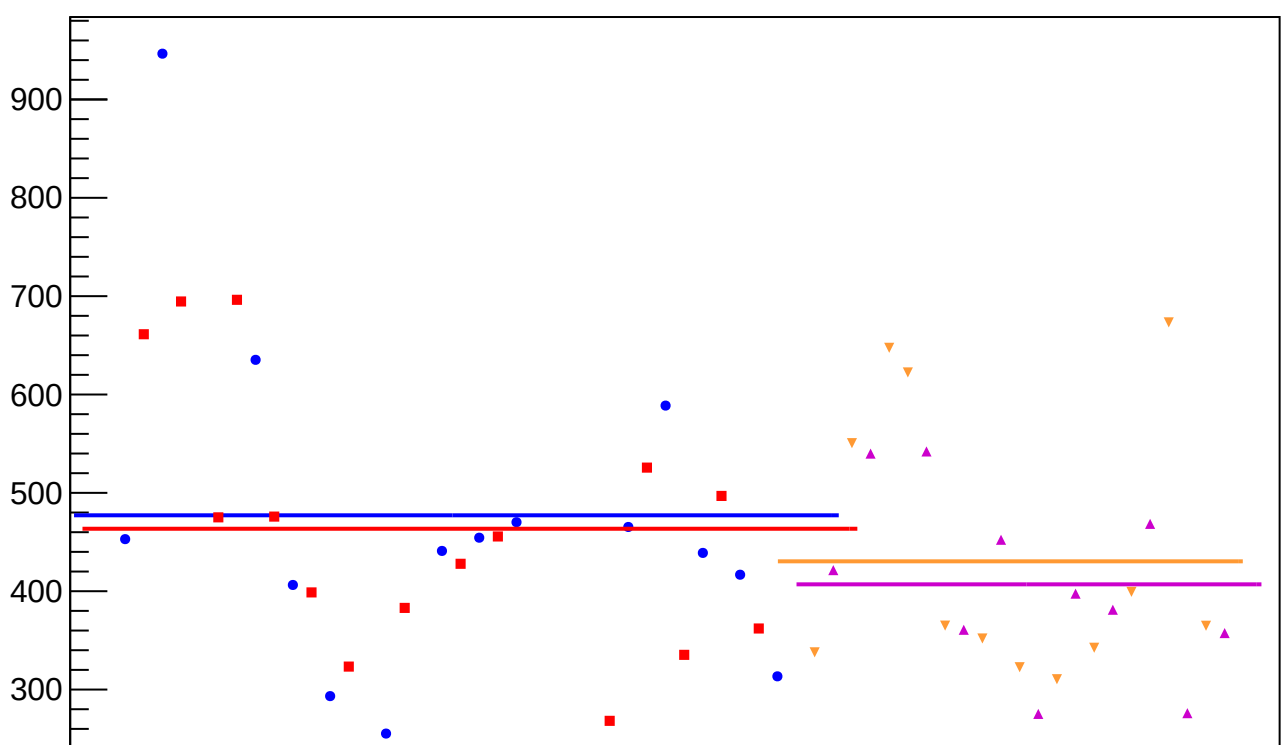
Left In: 3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143533178 88.0/10

+ 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

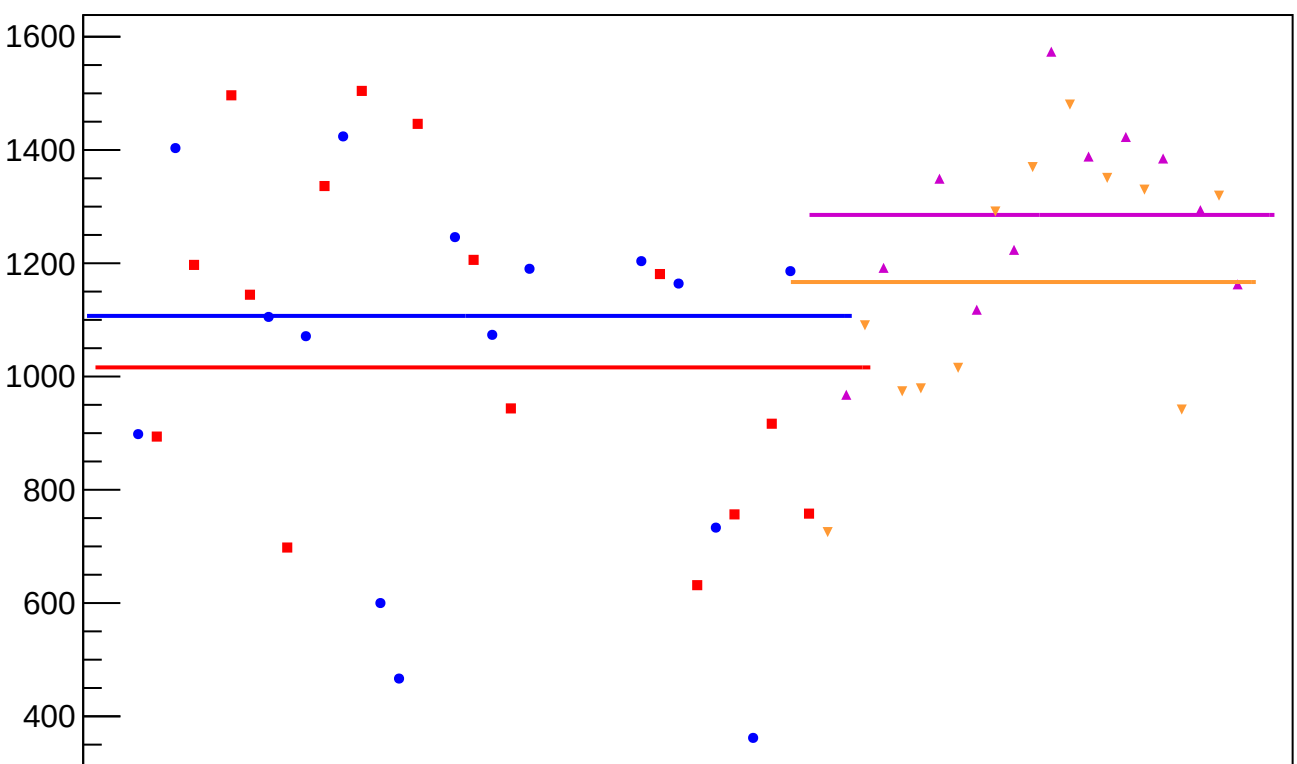
Left In: 406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

+ 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

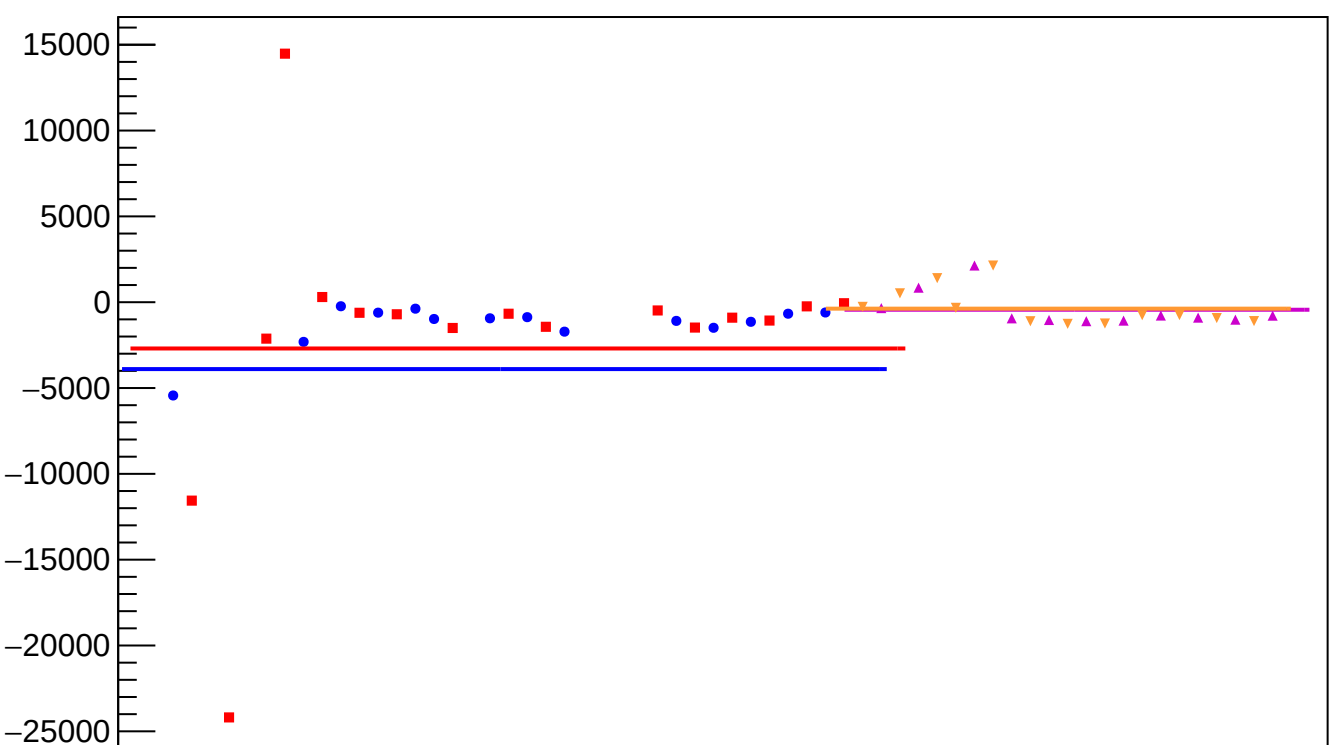
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

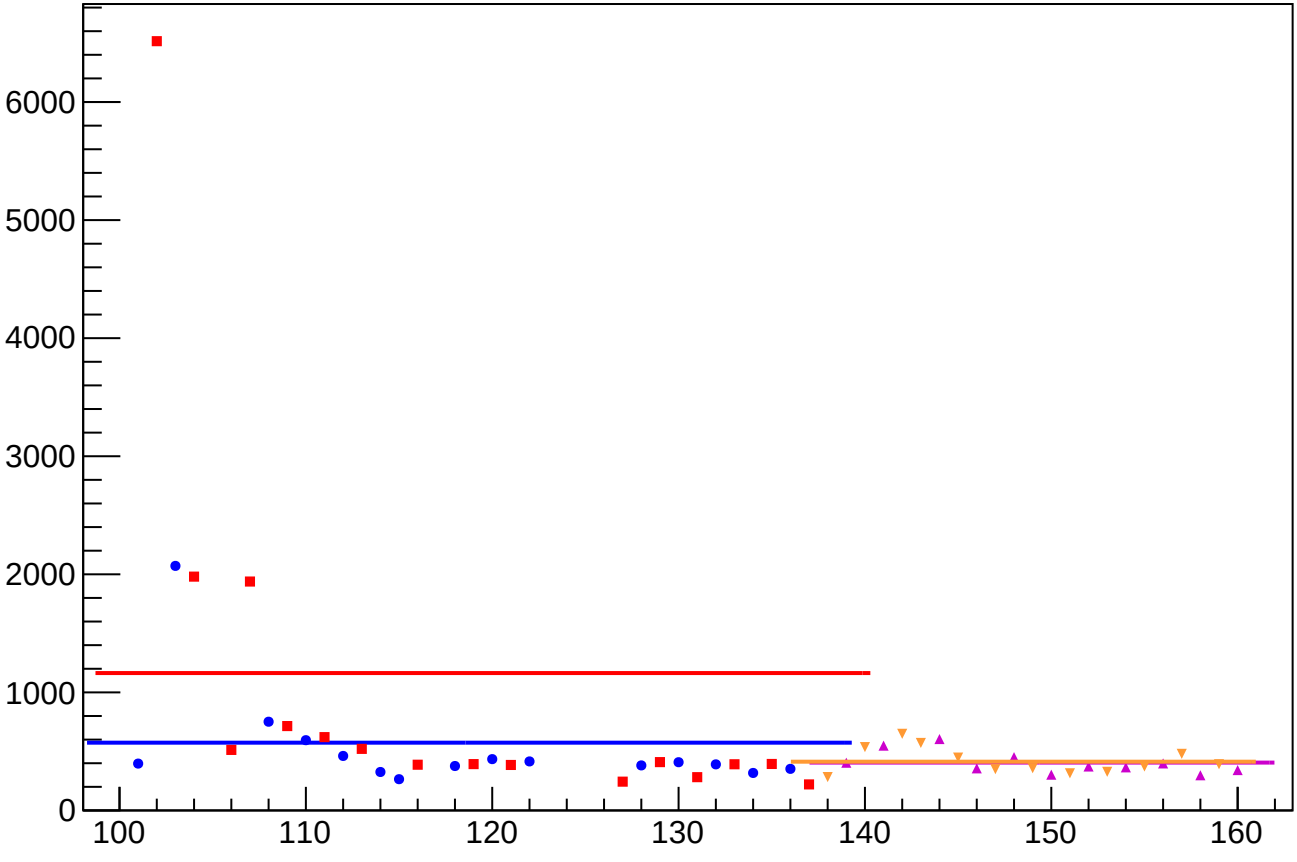
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

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

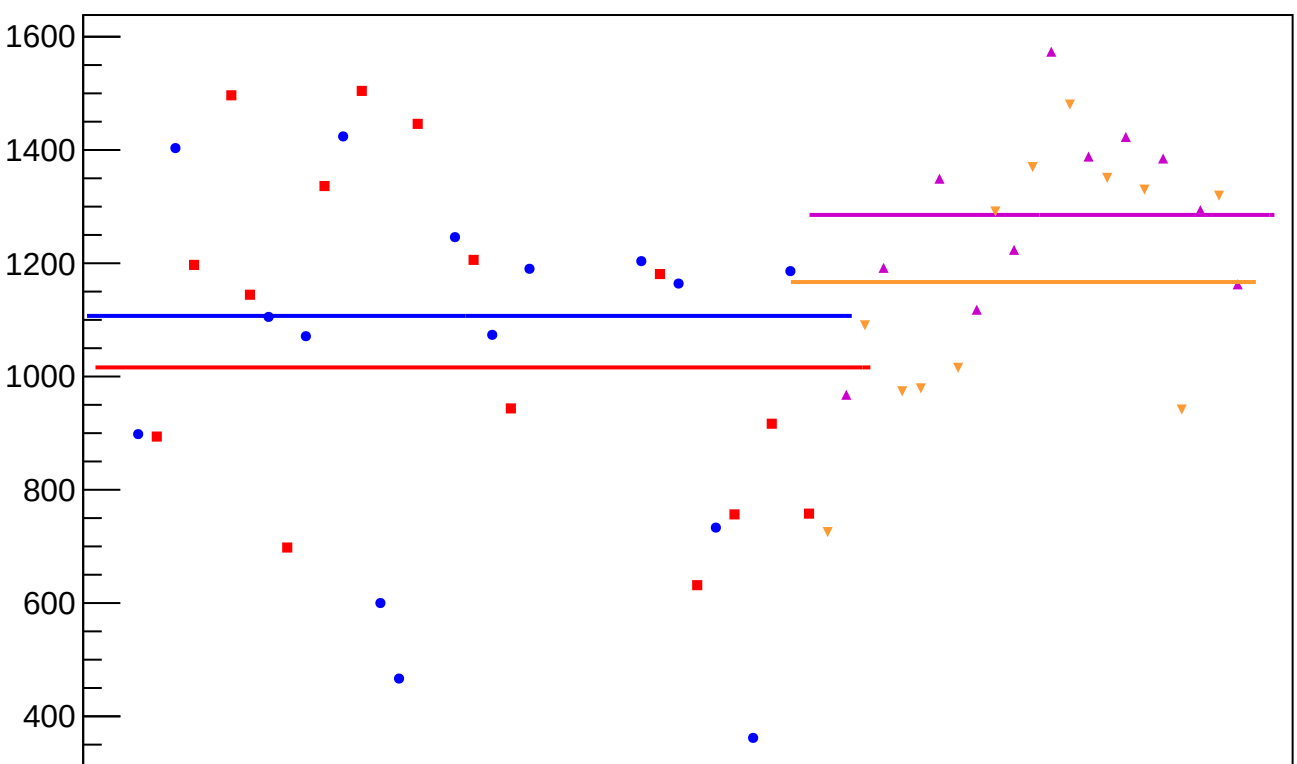
All: 602.666+/-0.000 χ^2/NDF: 24520895778 5

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

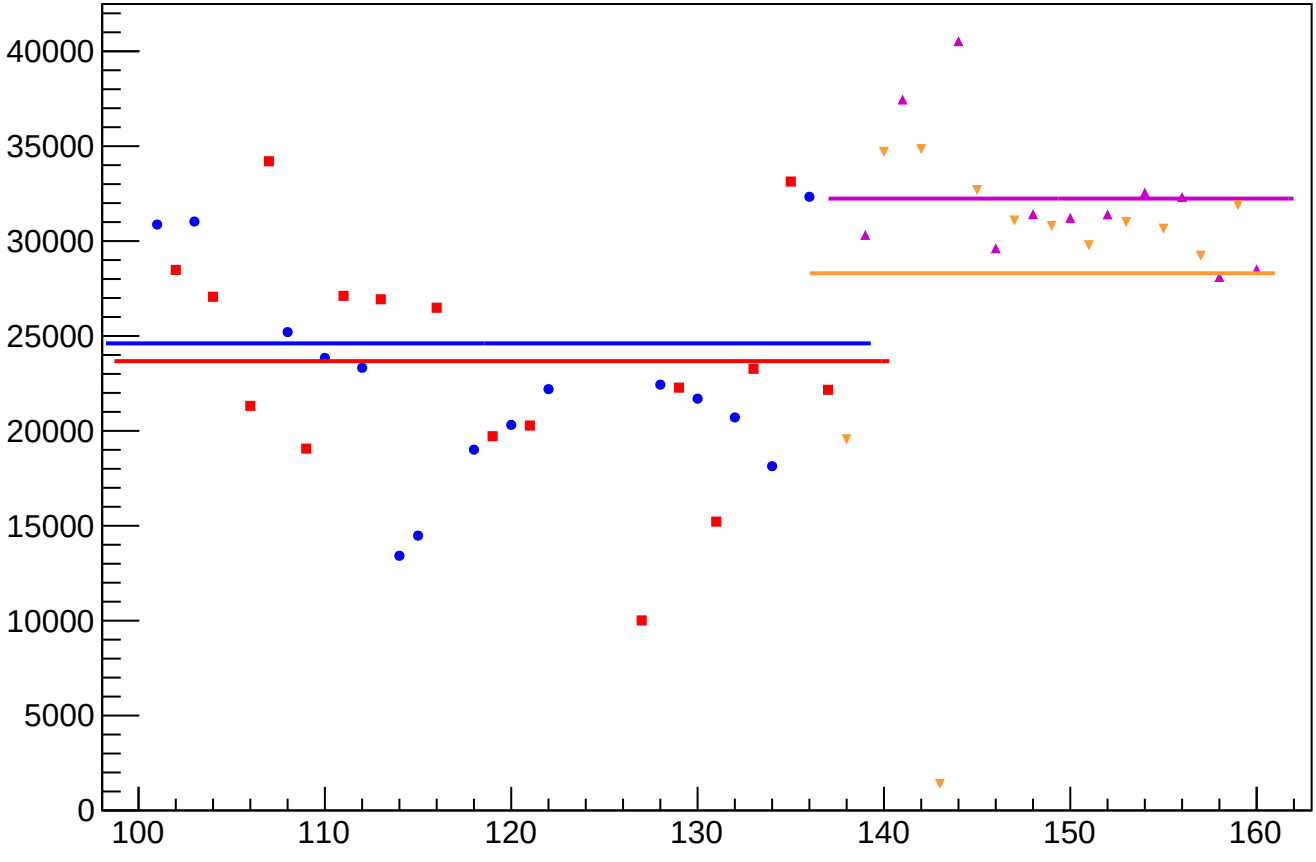
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ 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

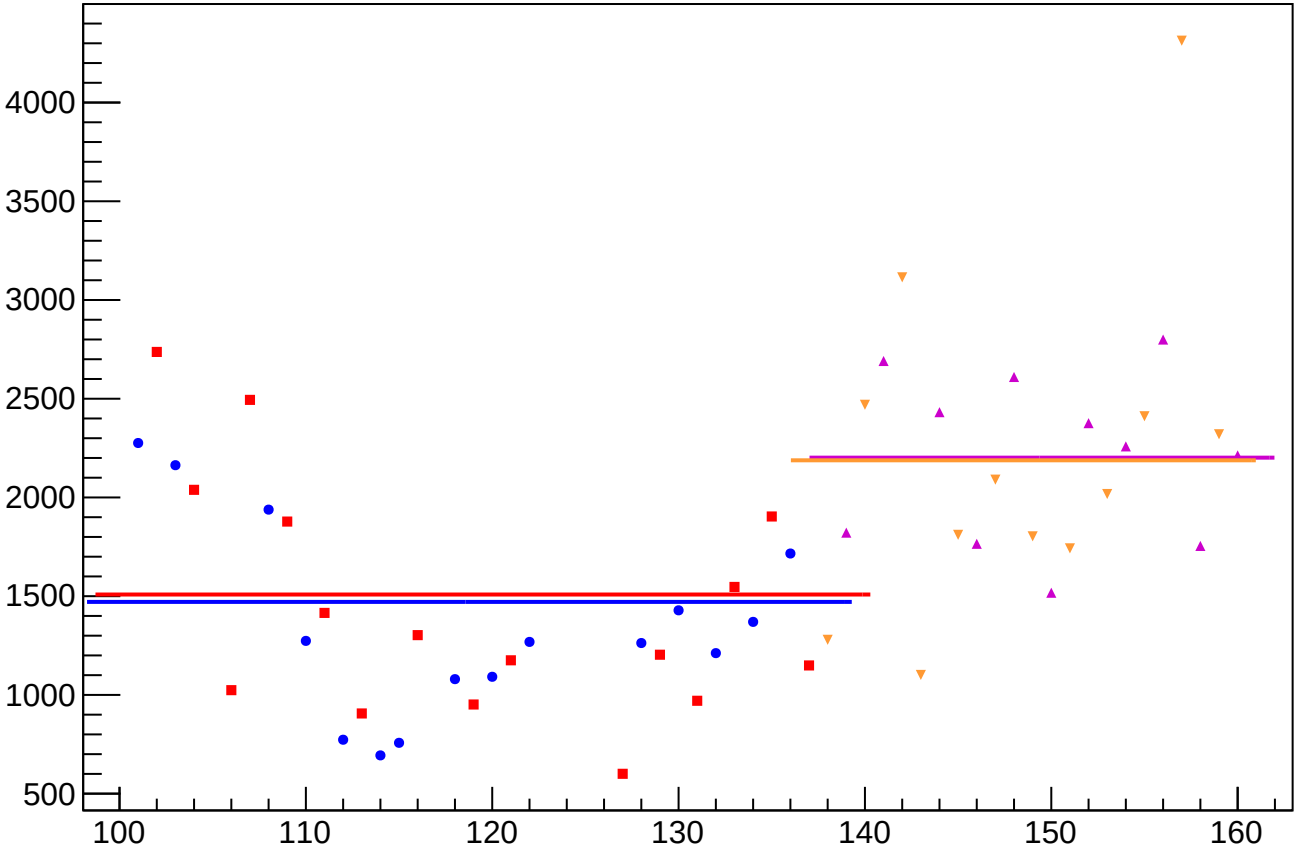
Left In: 32239.303+/-0.000 χ^2/NDF:1193139787566317714281282999880354103296 0.0/10

+ 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

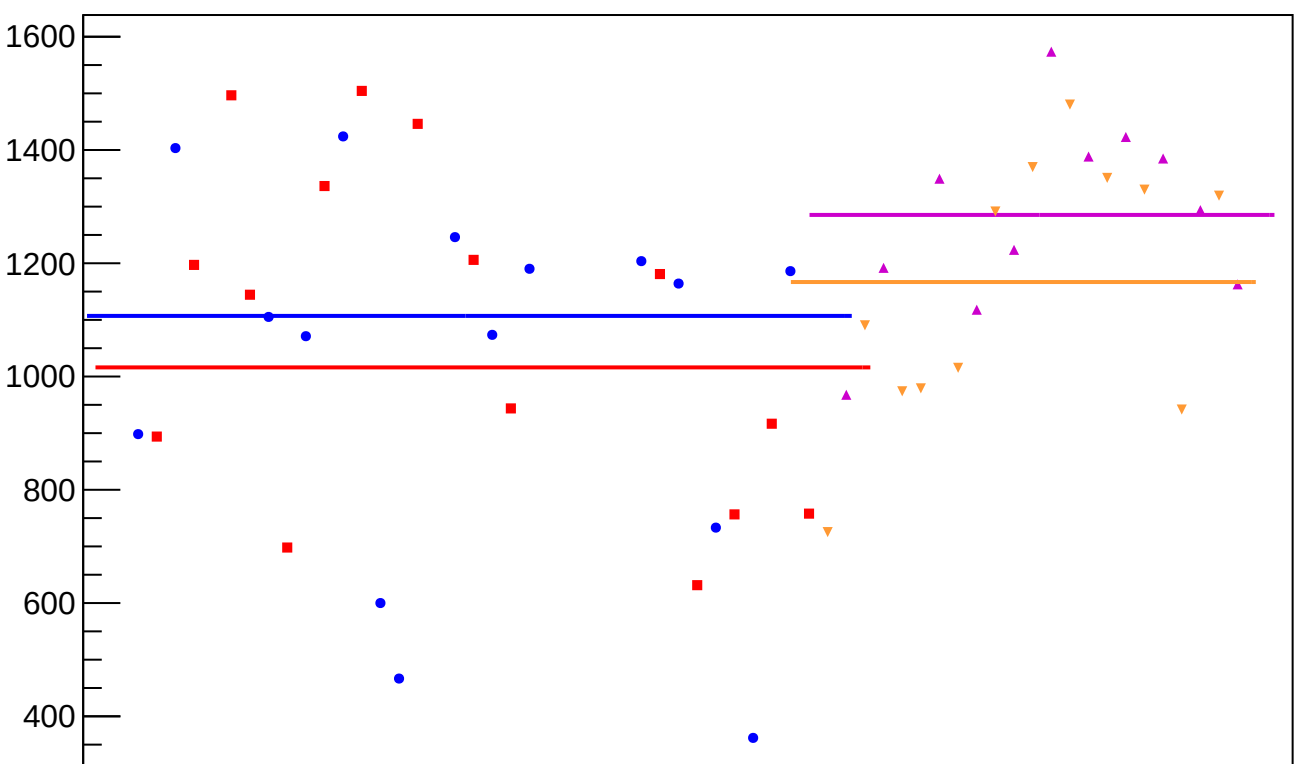
Left In: 2201.571+/-0.000 χ^2/NDF:156929124179690930619030229097962799104.0/10

+ 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

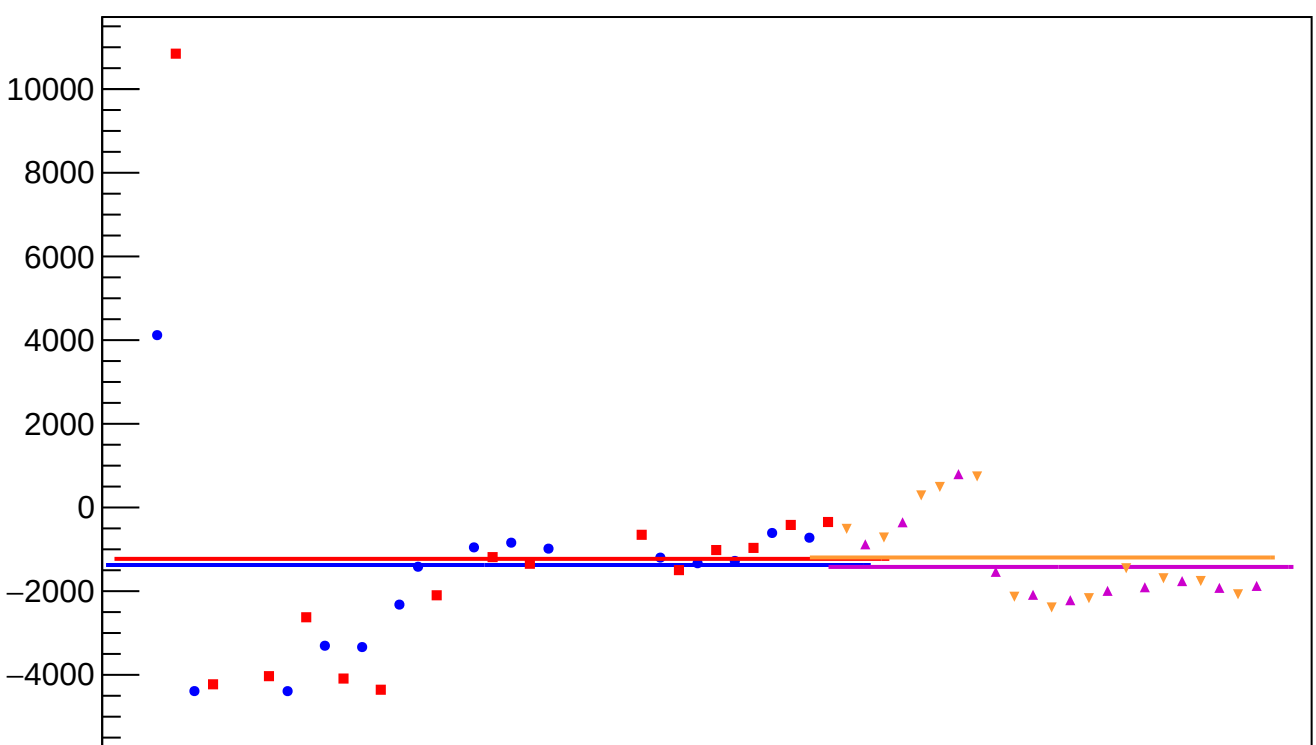
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

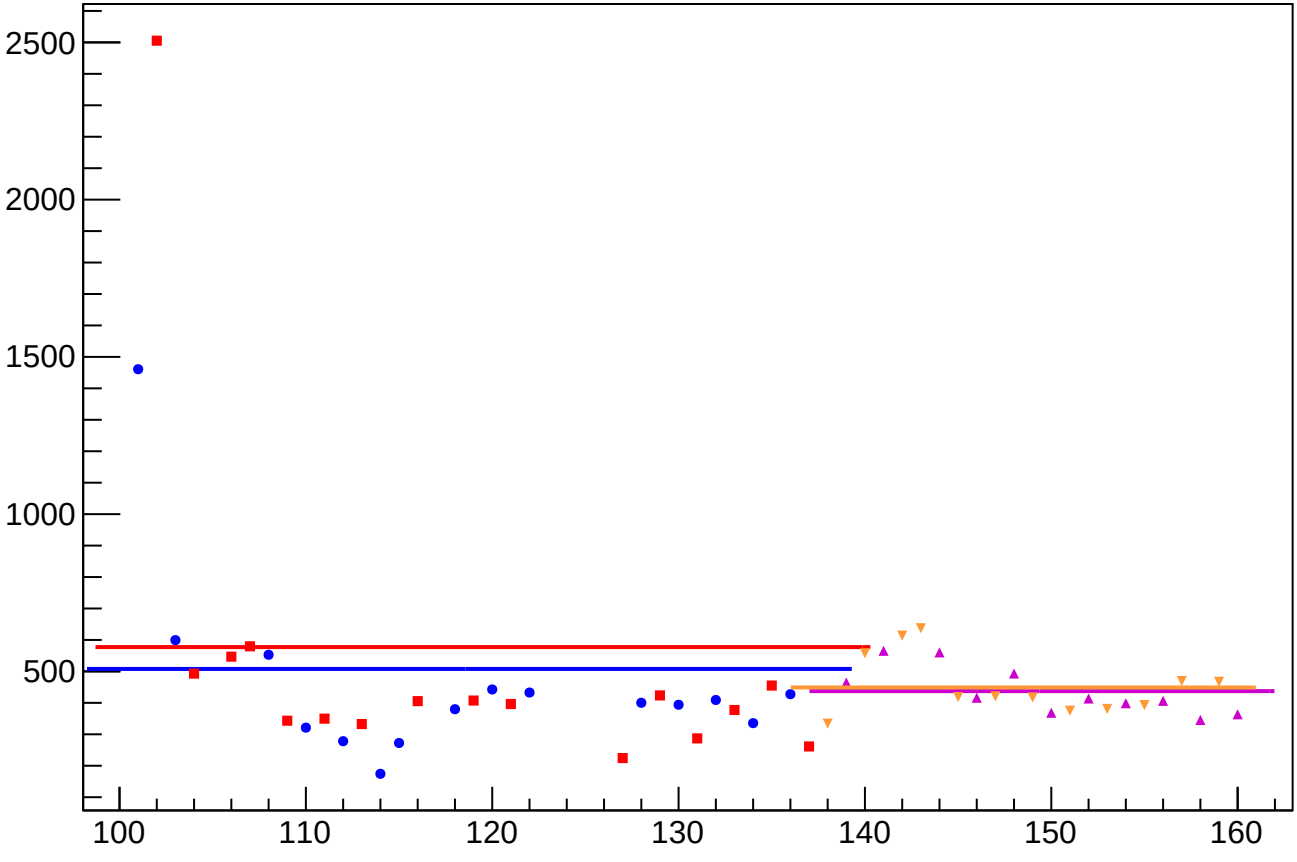
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

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

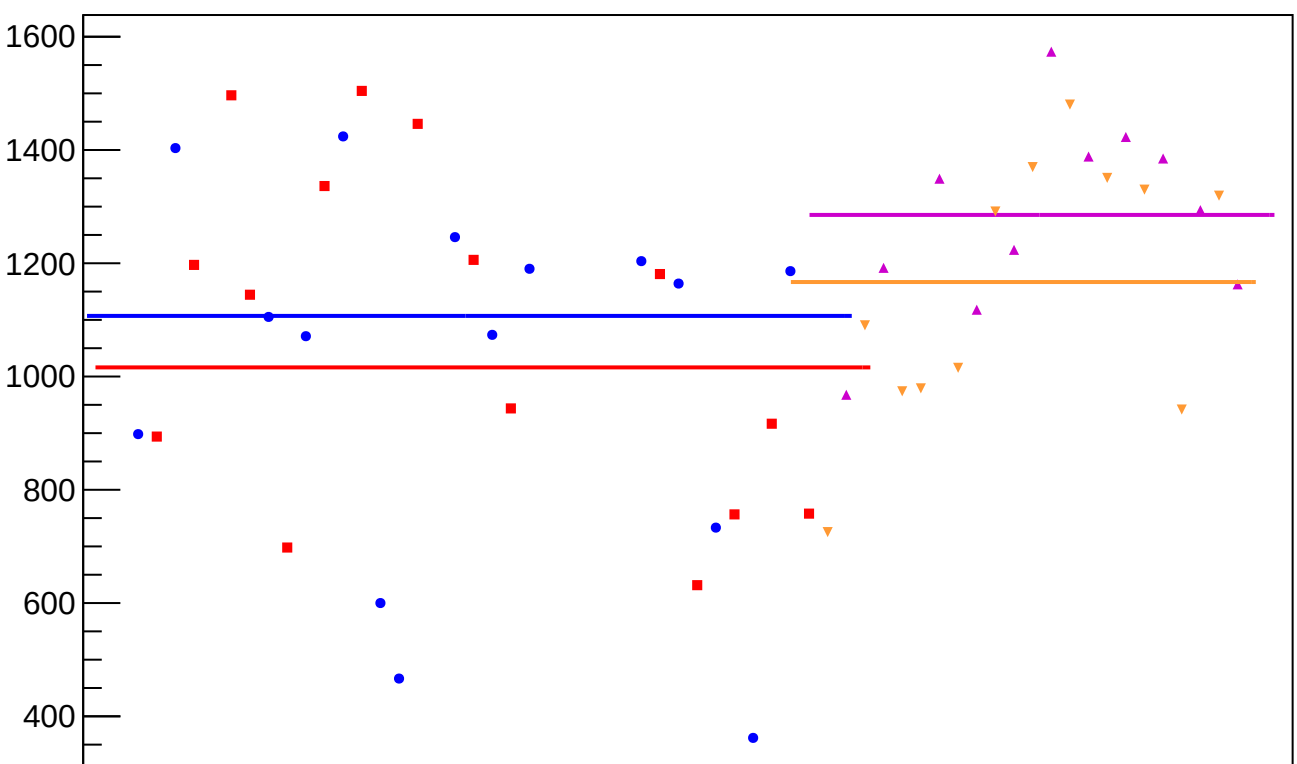
Left In: 437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10

+ 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

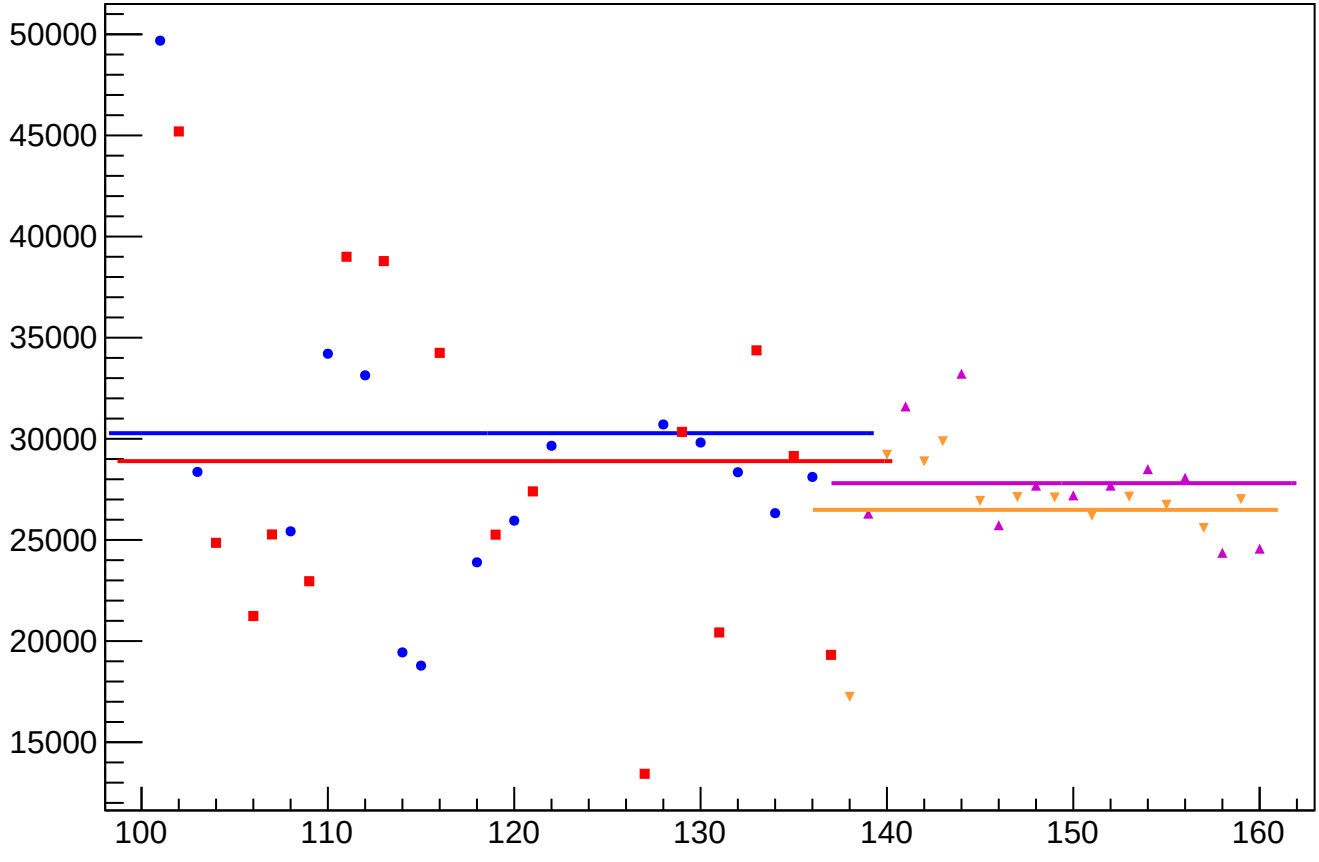
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

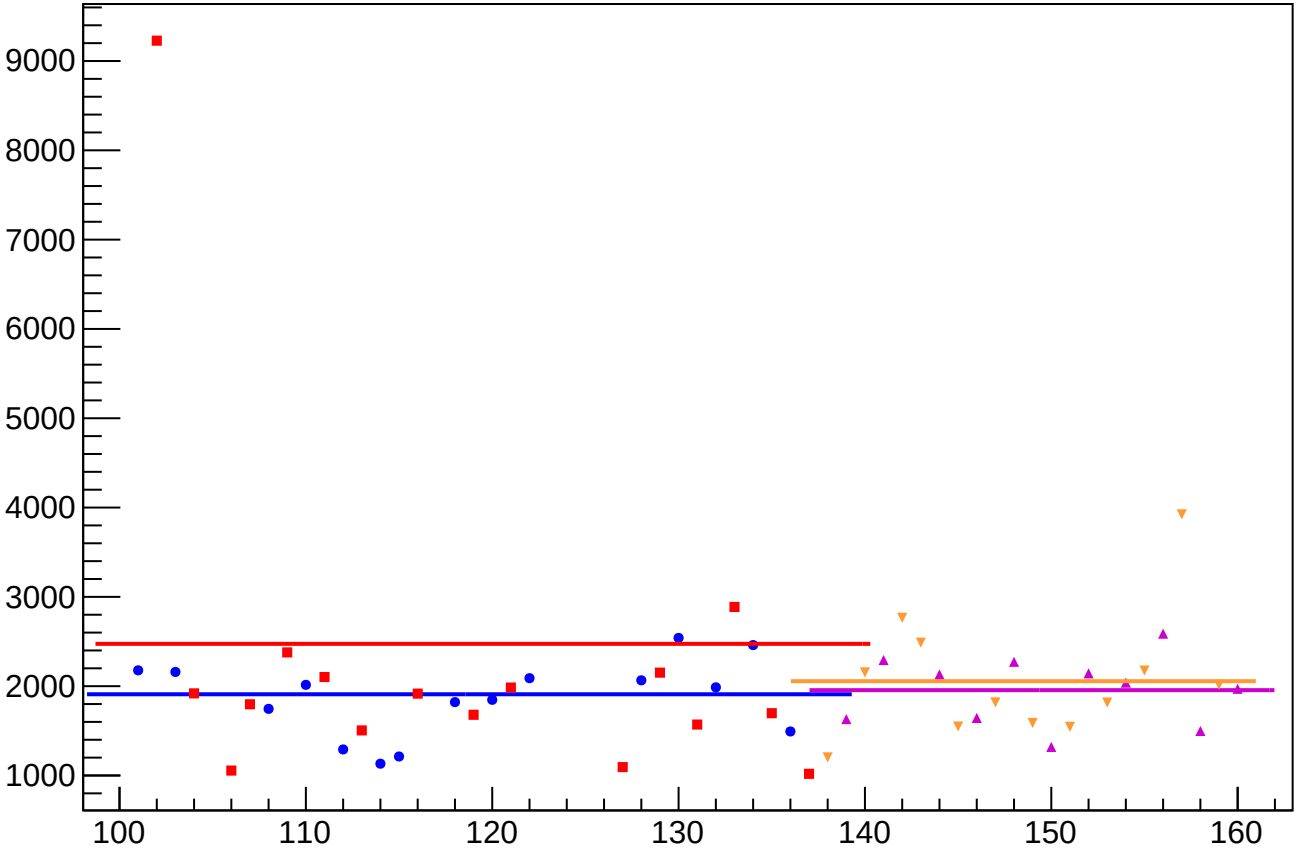
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_atr2_coil4_mean vs Slug



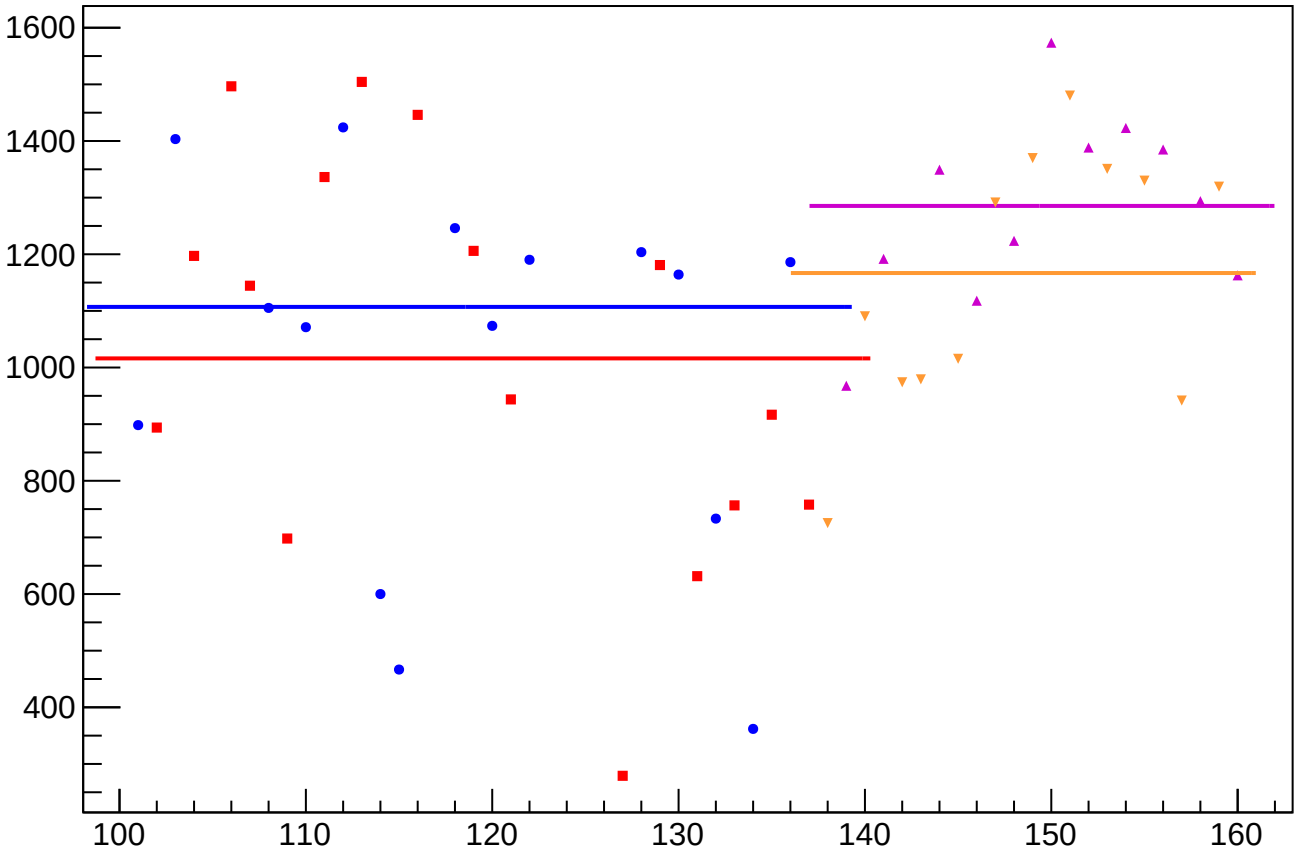
Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14
+ sign 28060.820+/-0.000 χ^2/NDF: 4495105358177
Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11
All: 28163.219+/-0.000 χ^2/NDF: 986055664 7
Right Out: 28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 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

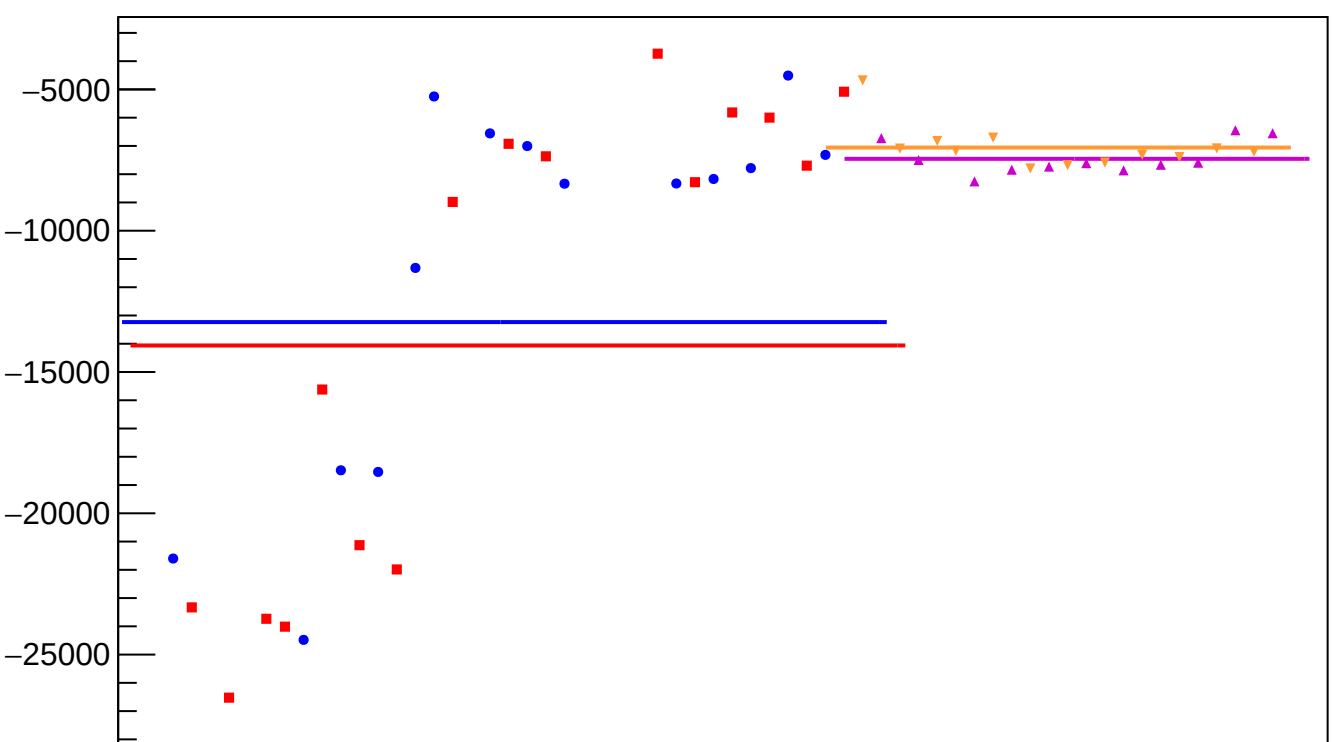
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

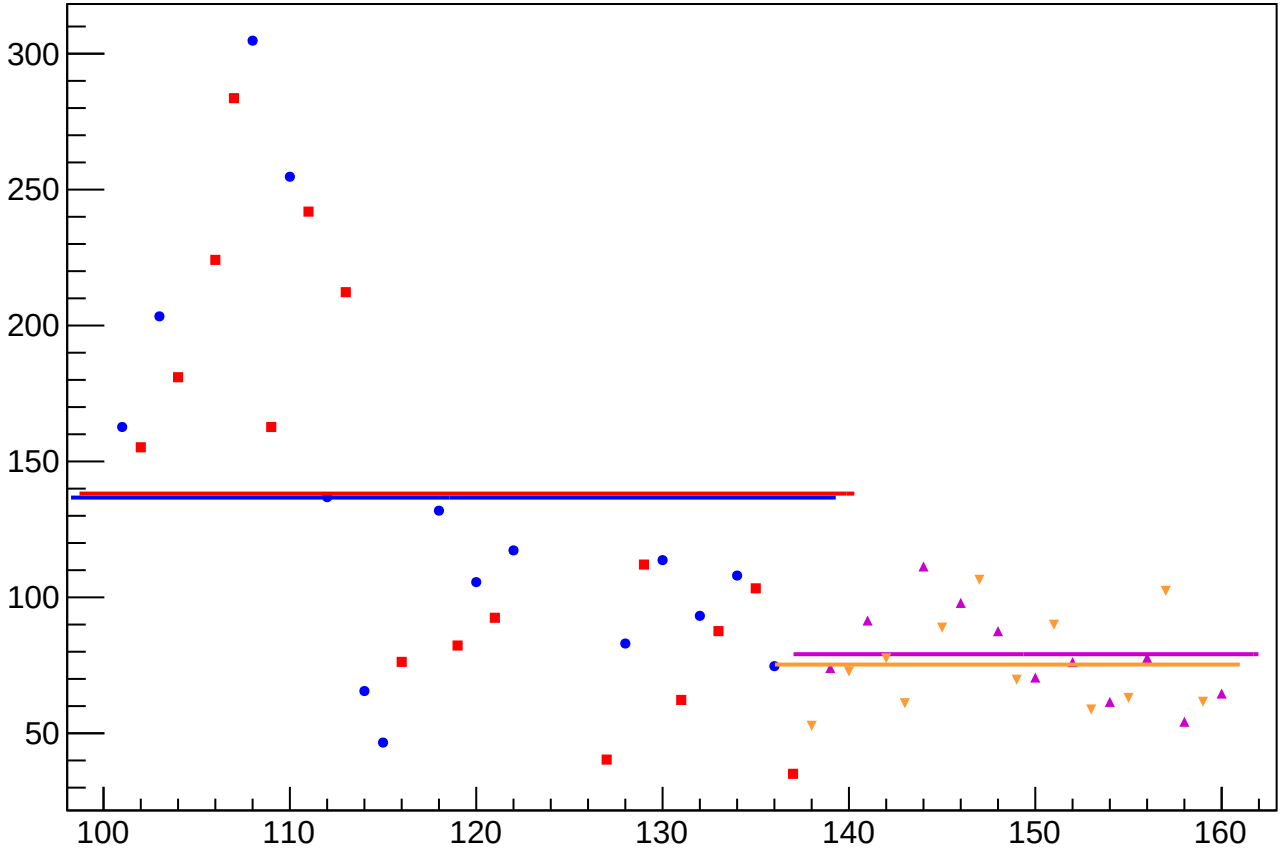
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

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

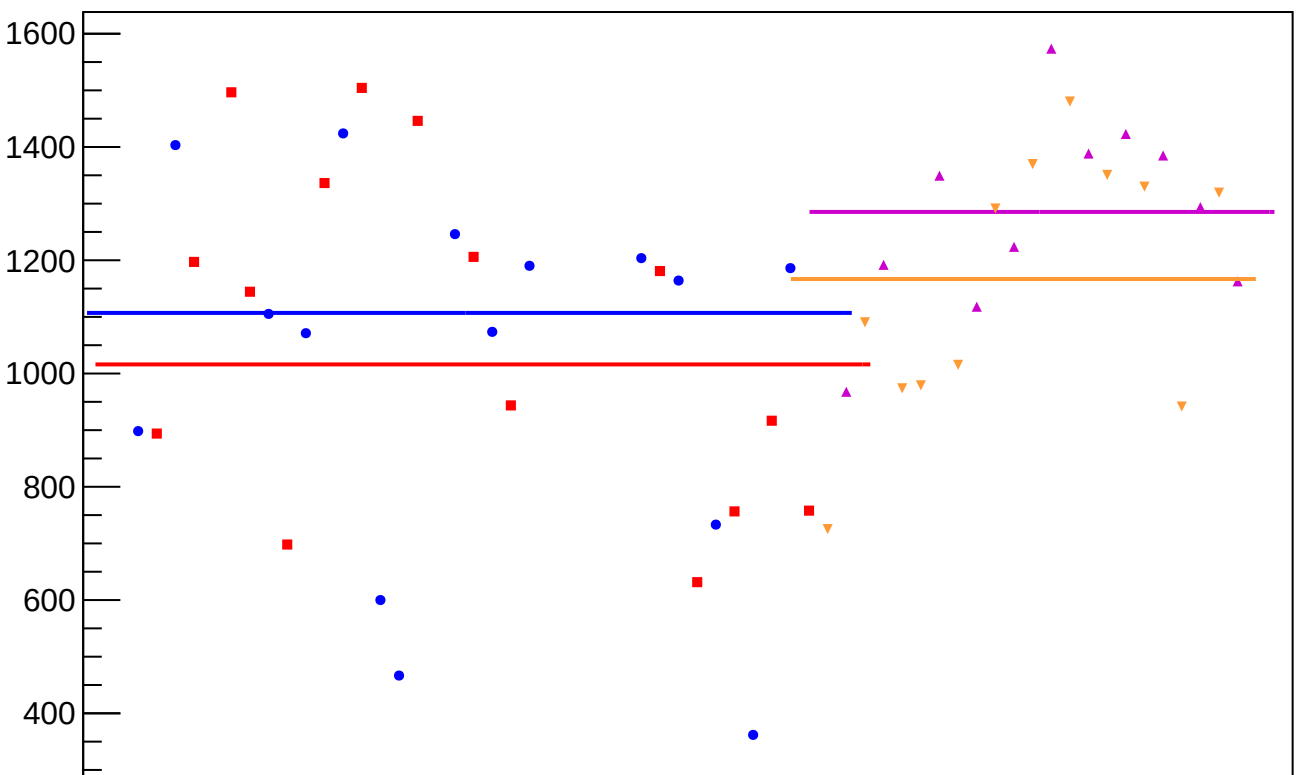
All: 102.340+/-0.000 χ^2/NDF: 92254045368 5

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

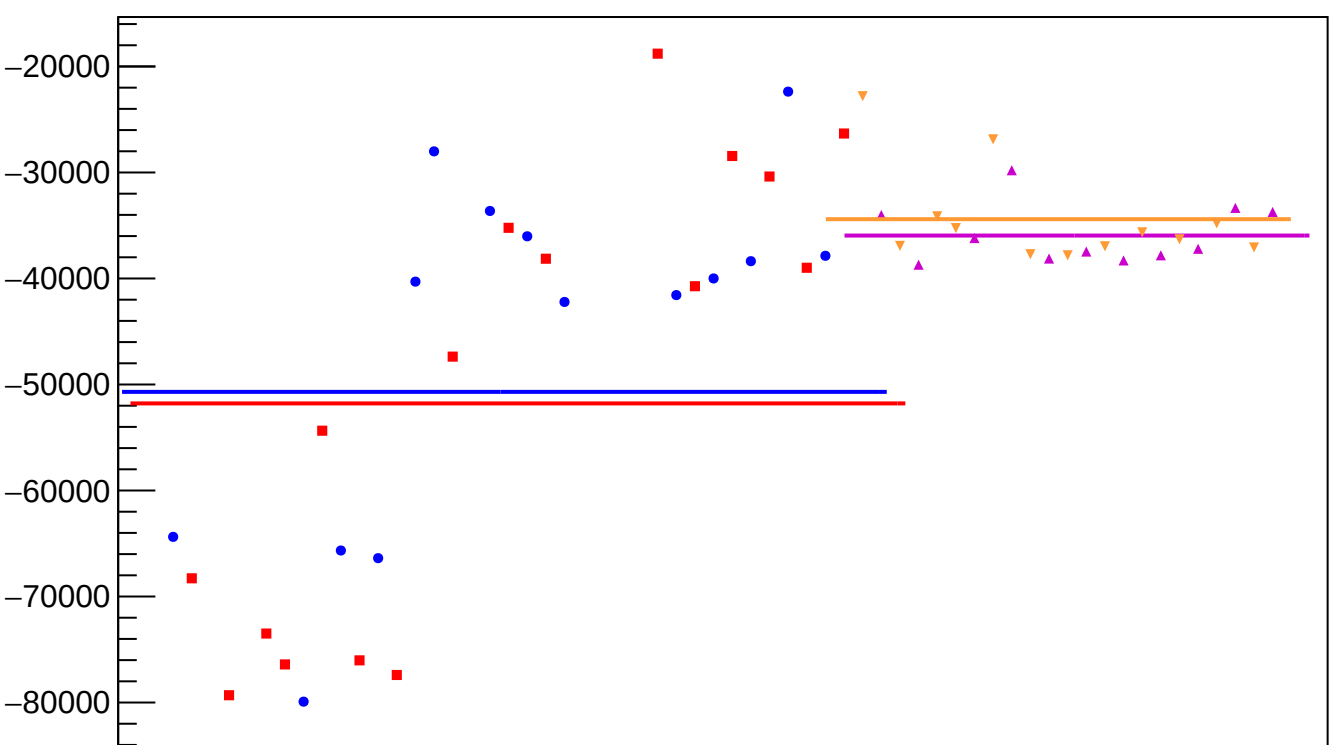
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ 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

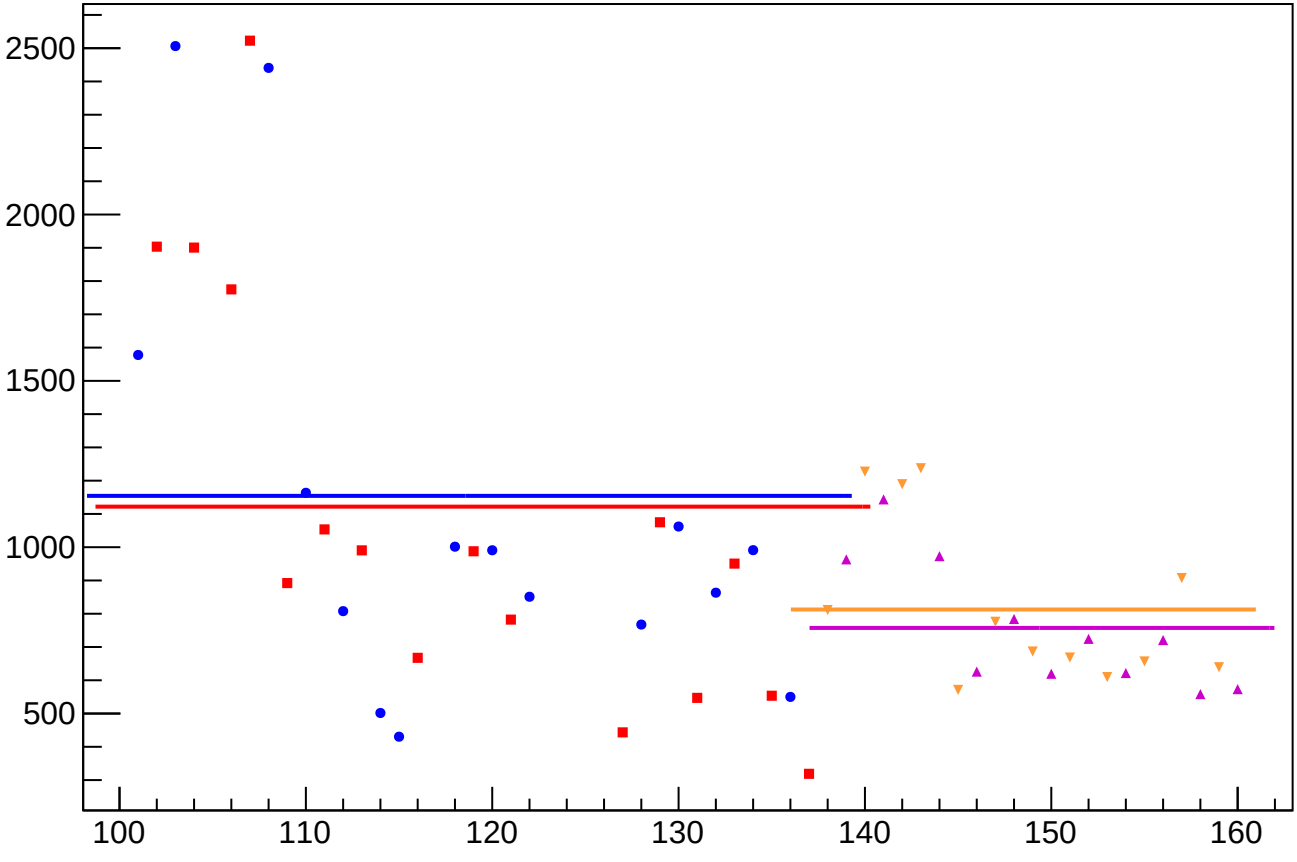
Left In: -35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

+ sign -41169.025+/-0.000 χ^2/NDF: 346153436808

All: -41884.763+/-0.000 χ^2/NDF: 733189271

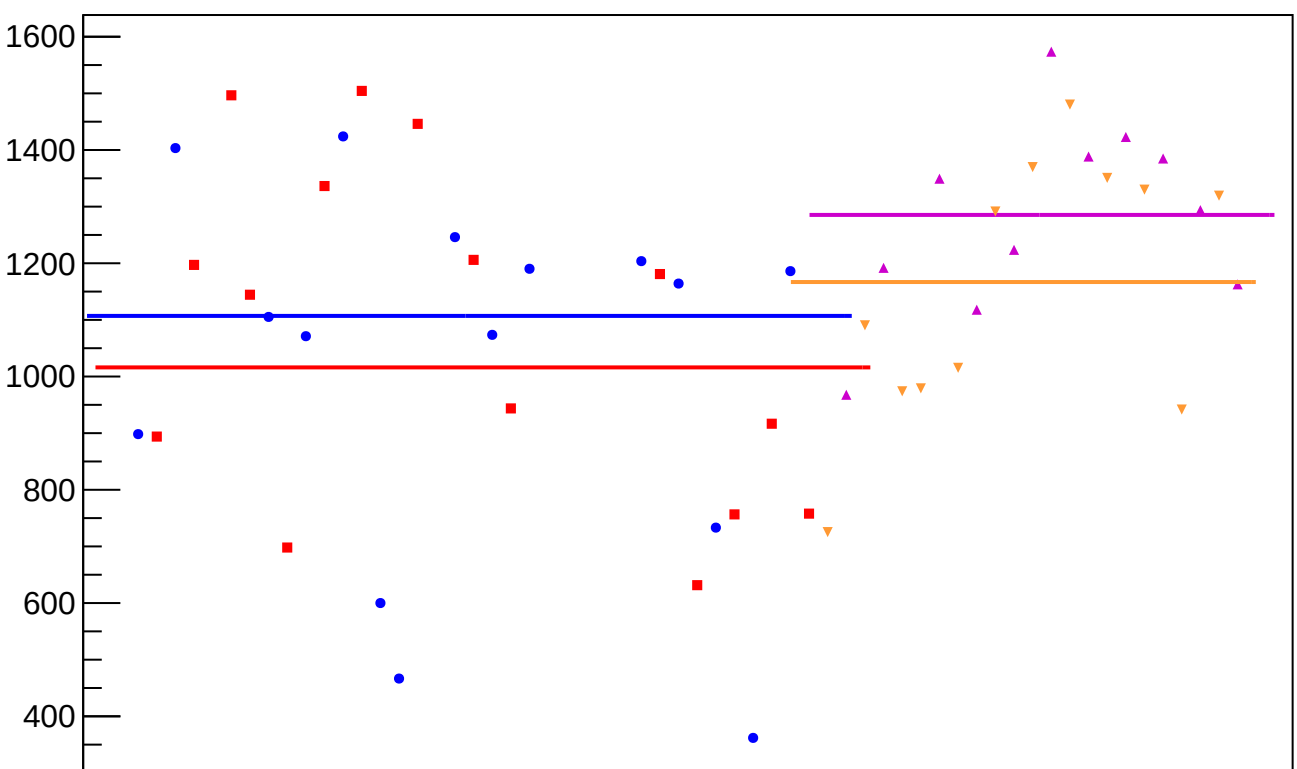
- sign -42587.904+/-0.000 χ^2/NDF: 3854485377902

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

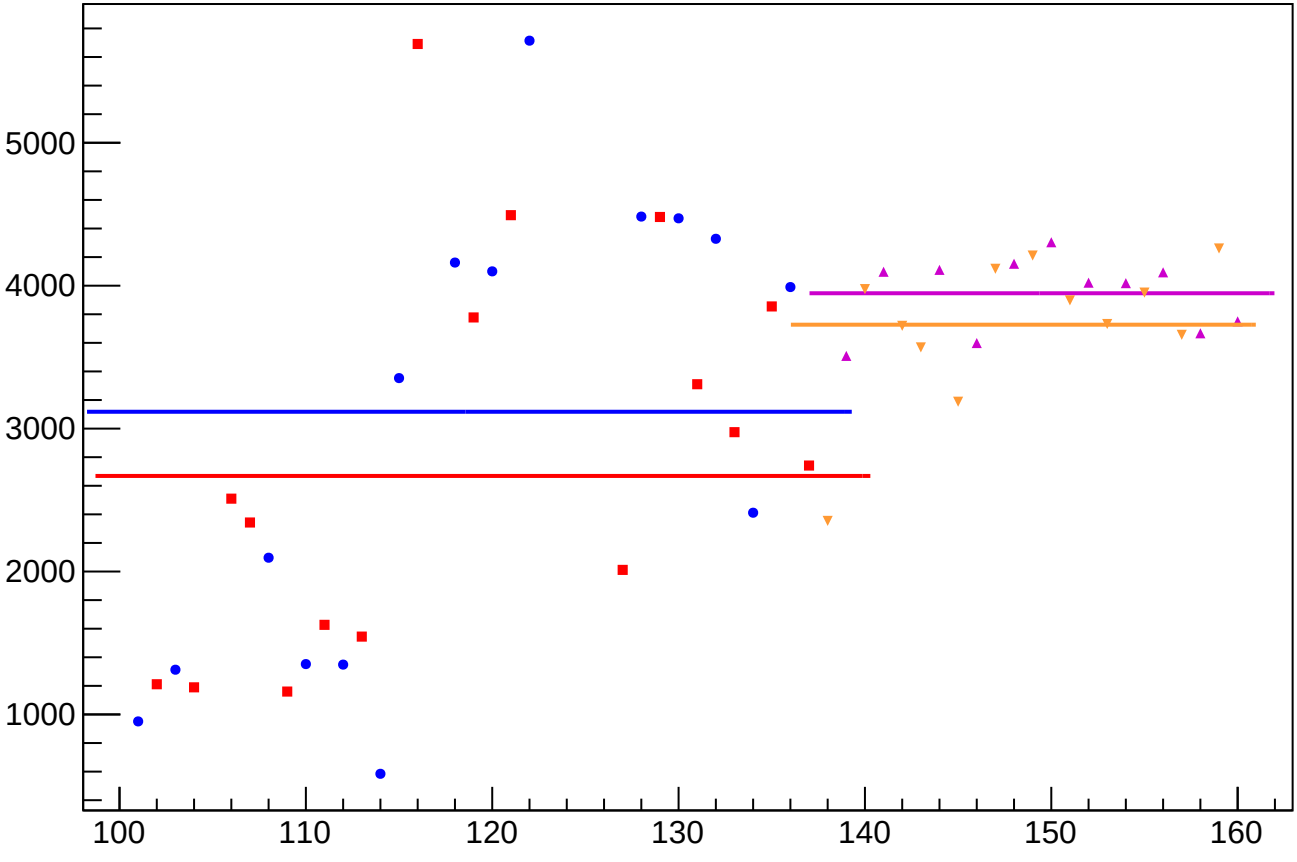
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ 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

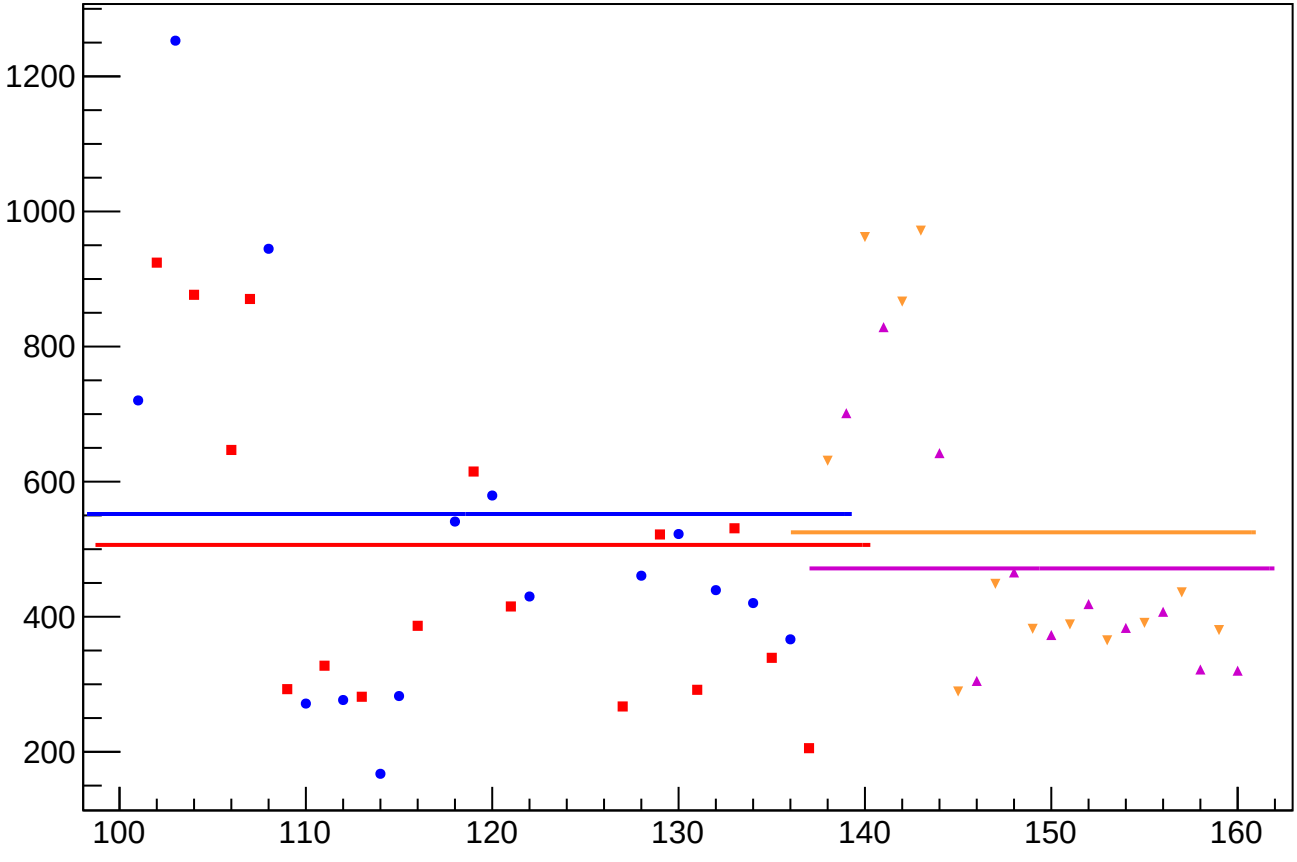
All: 3442.374+/-0.000 χ^2/NDF: 3760490456 8

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

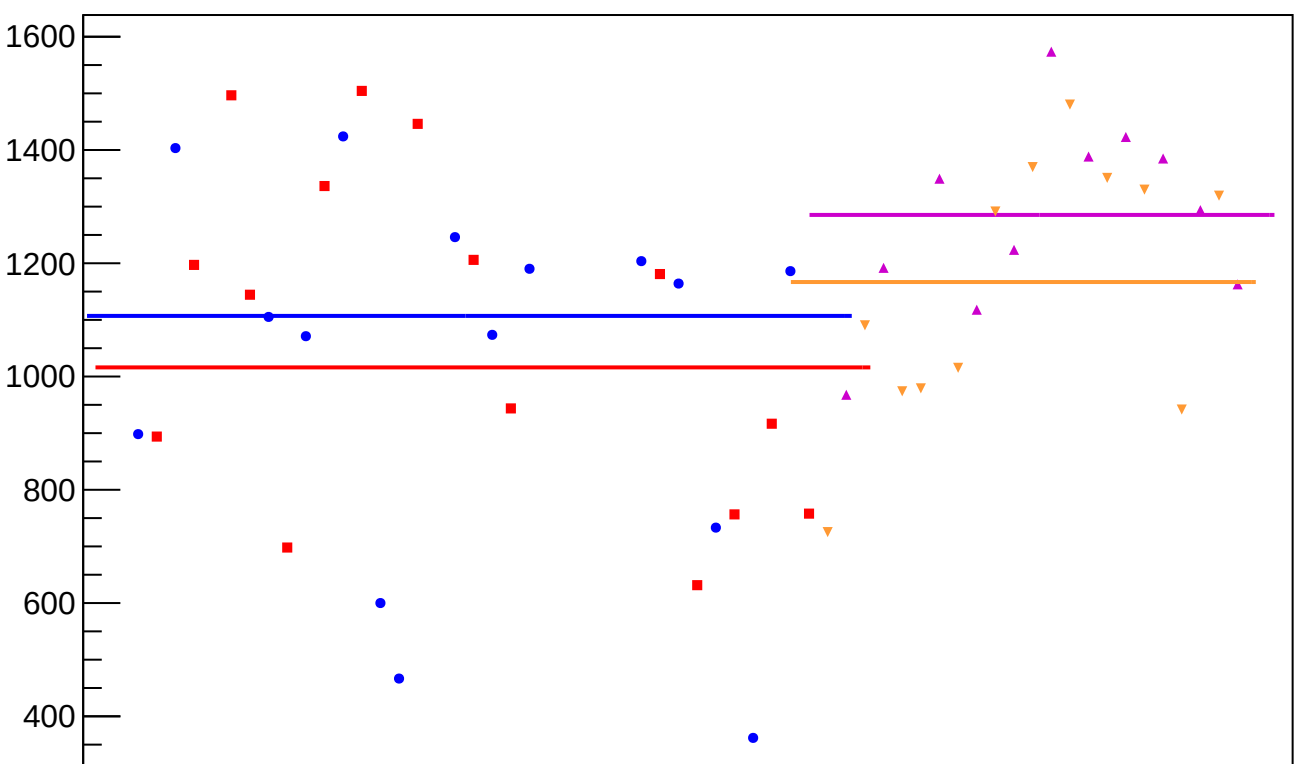
All: 510.967+/-0.000 χ^2/NDF: 16545089304 3

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

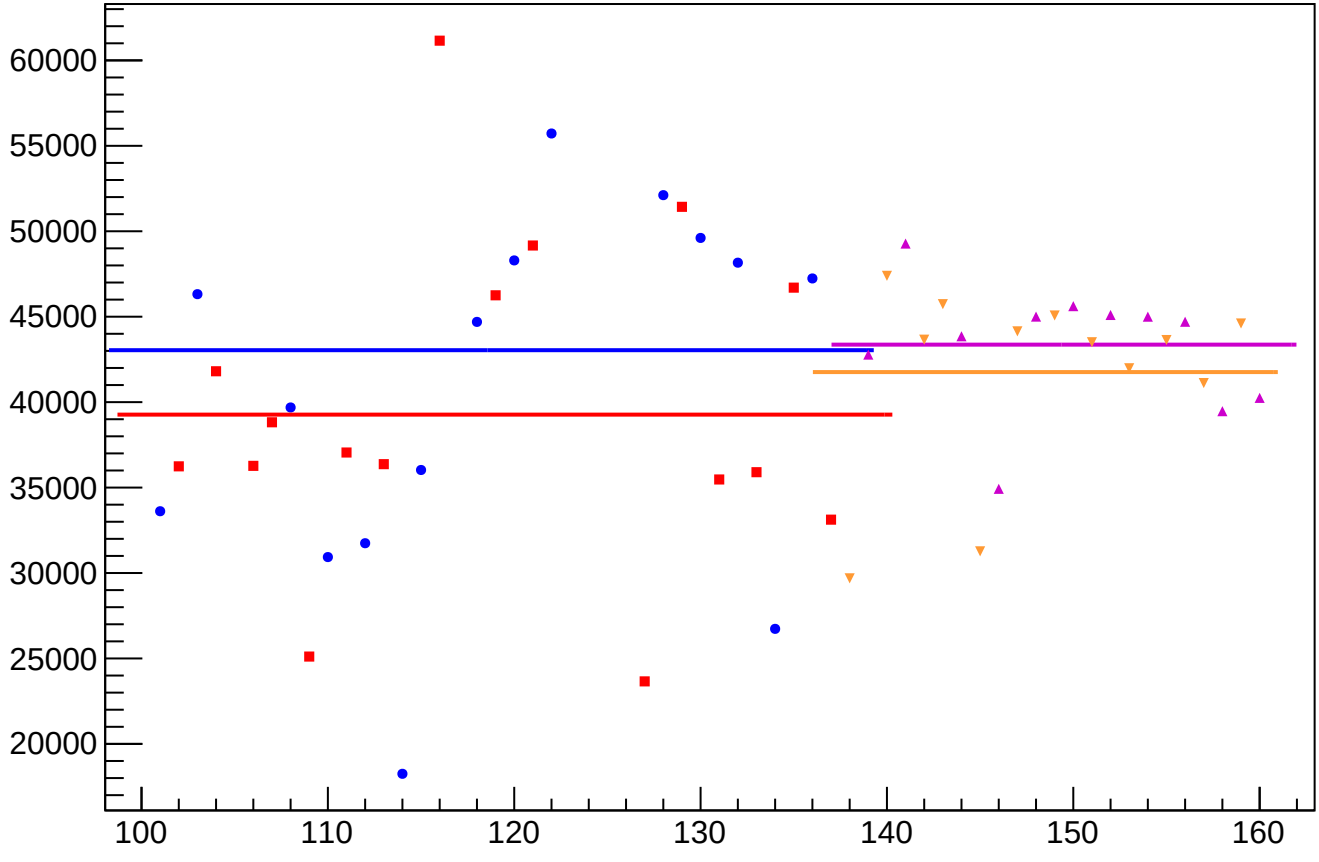
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ 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

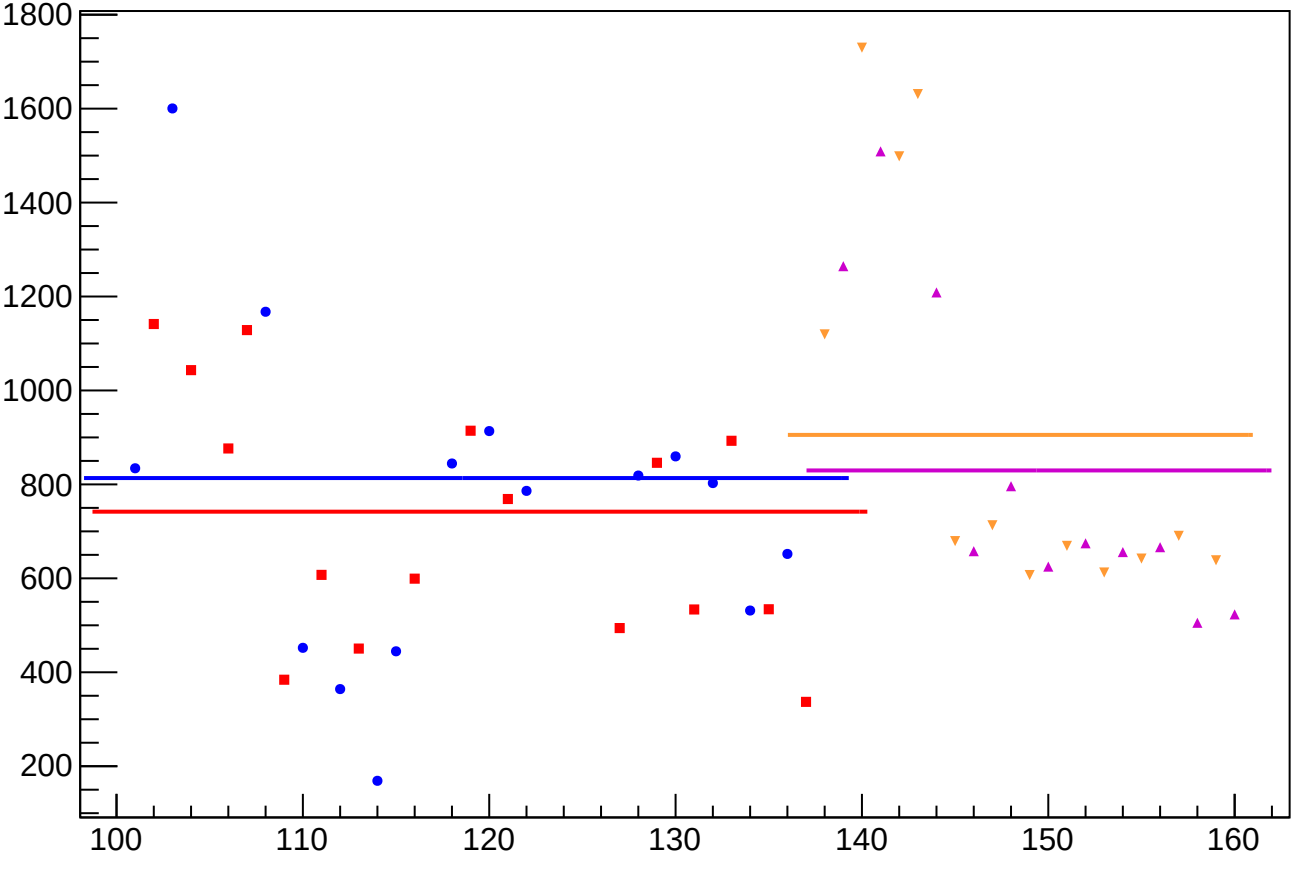
Left In: 43364.892+/-0.000 χ^2/NDF:1220969572368159224100018841495480251187 2.0/10

+ 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

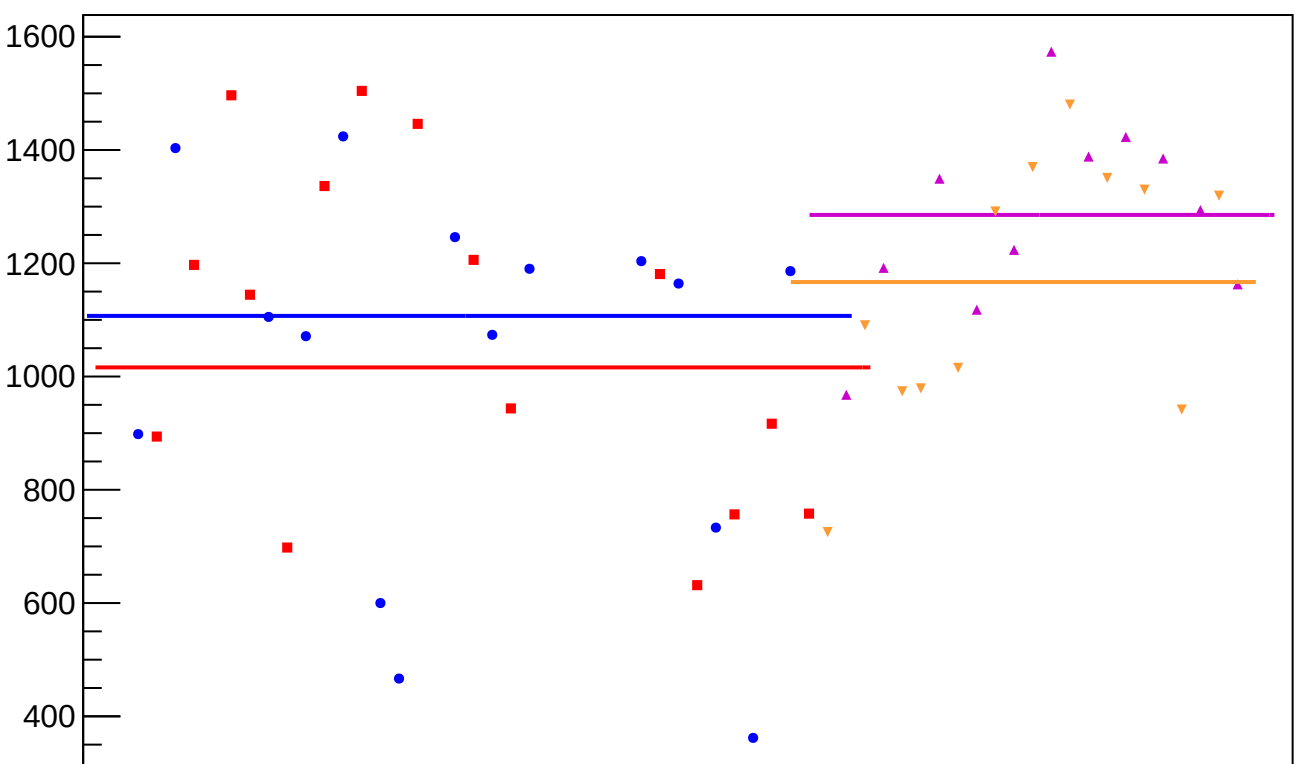
Left In: 829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10

+ 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

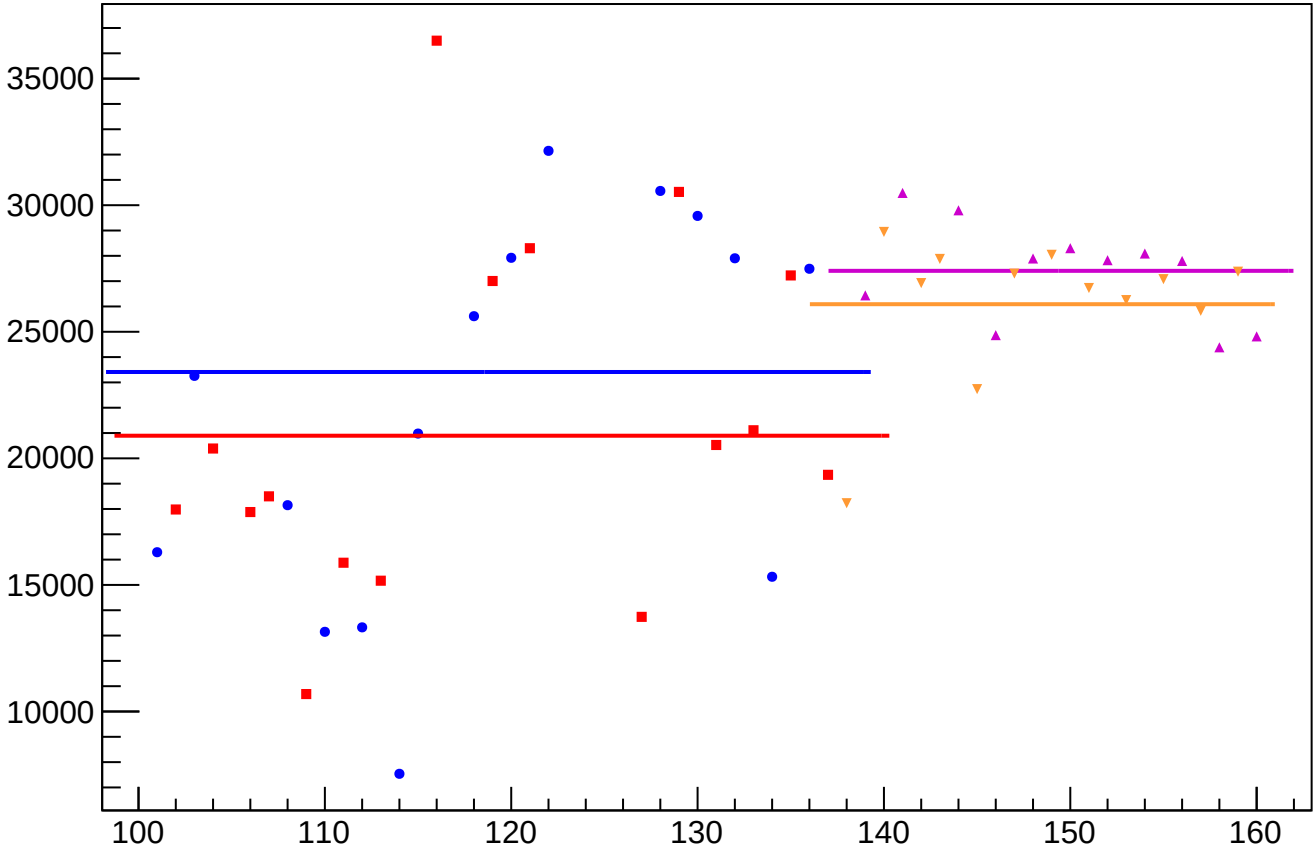
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ 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

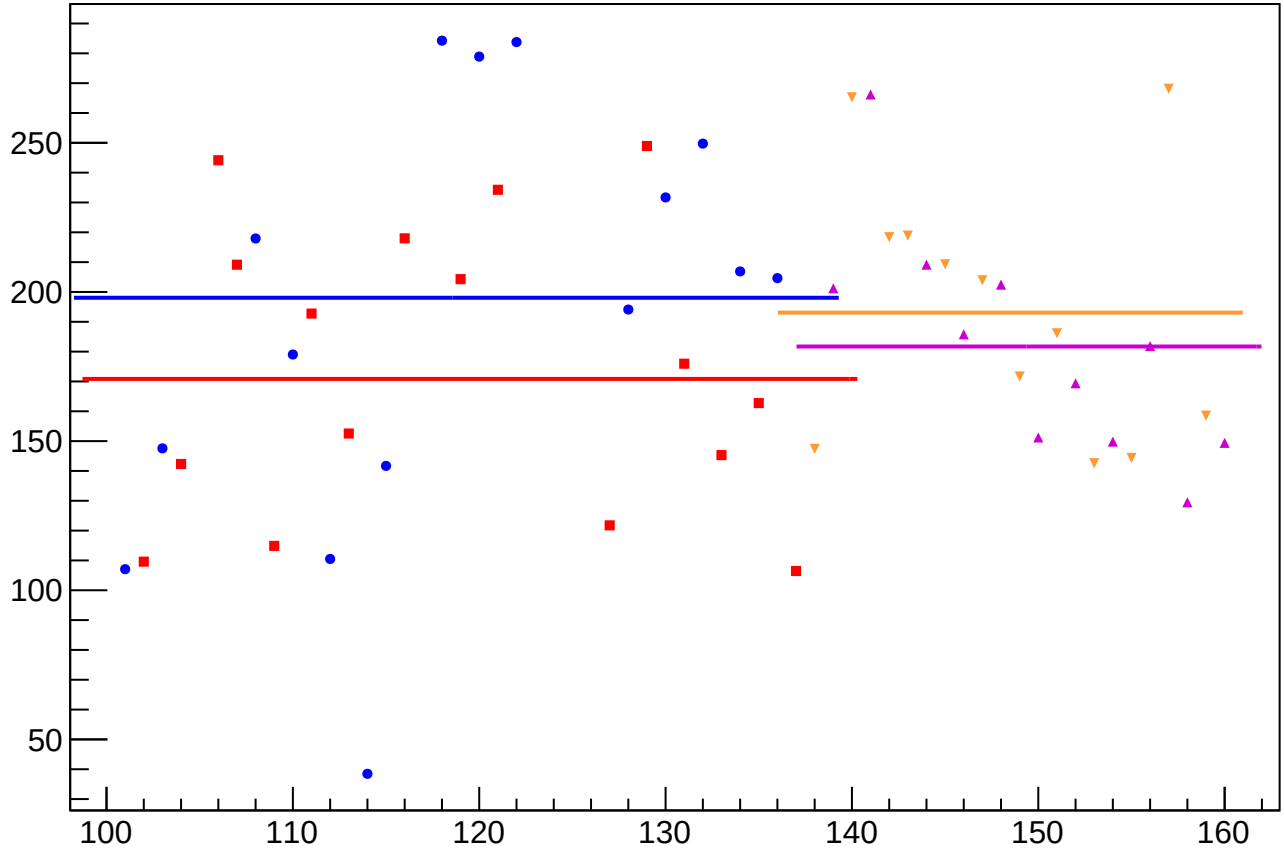
Left In: 27407.255+/-0.000 χ^2/NDF:3322659858866093858426557456838465421312.0/10

+ 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

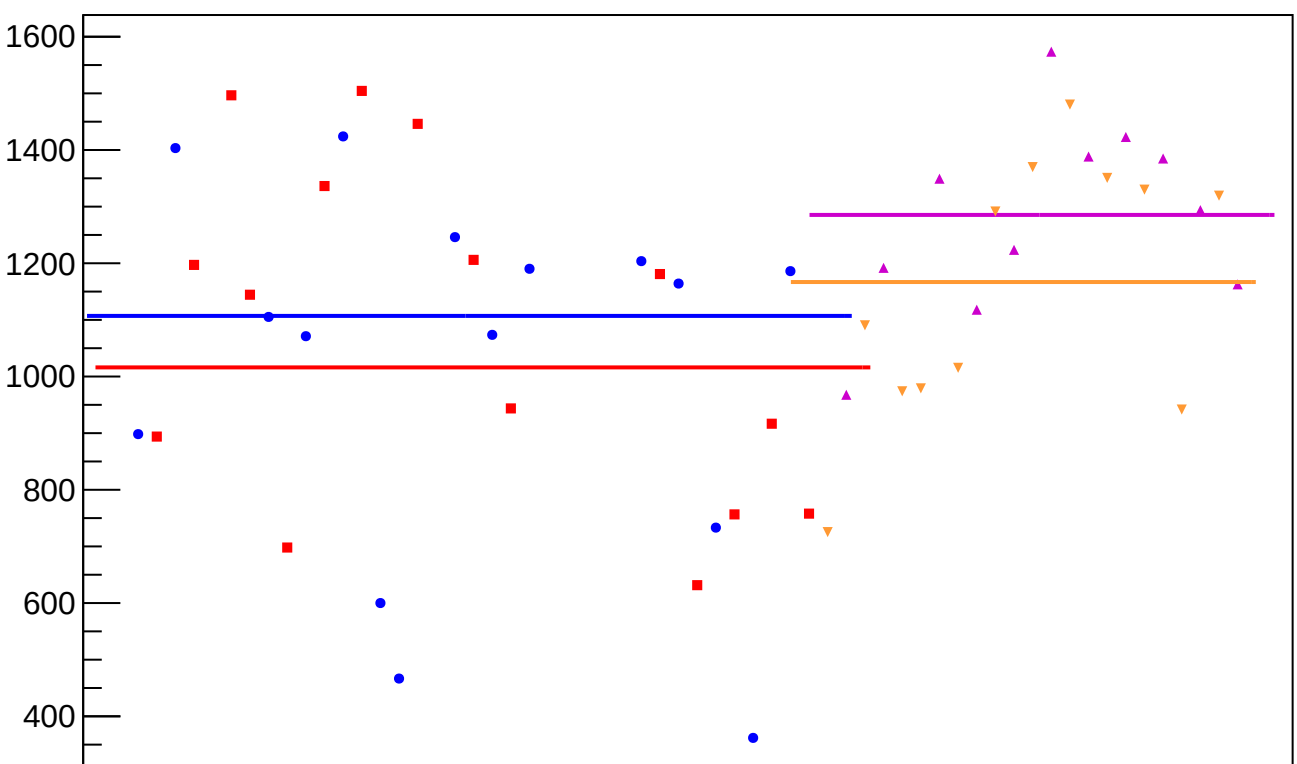
Left In: 181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

+ 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

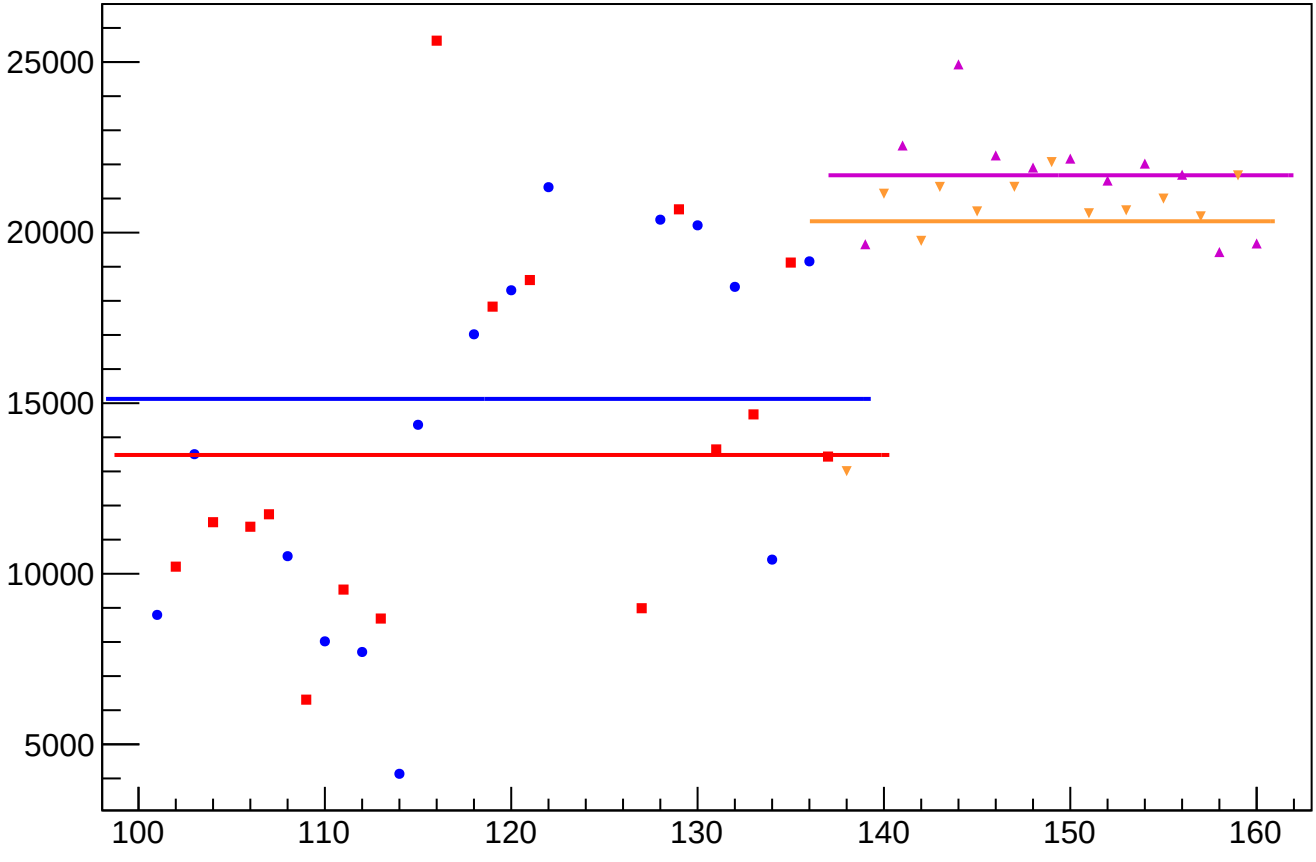
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ 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

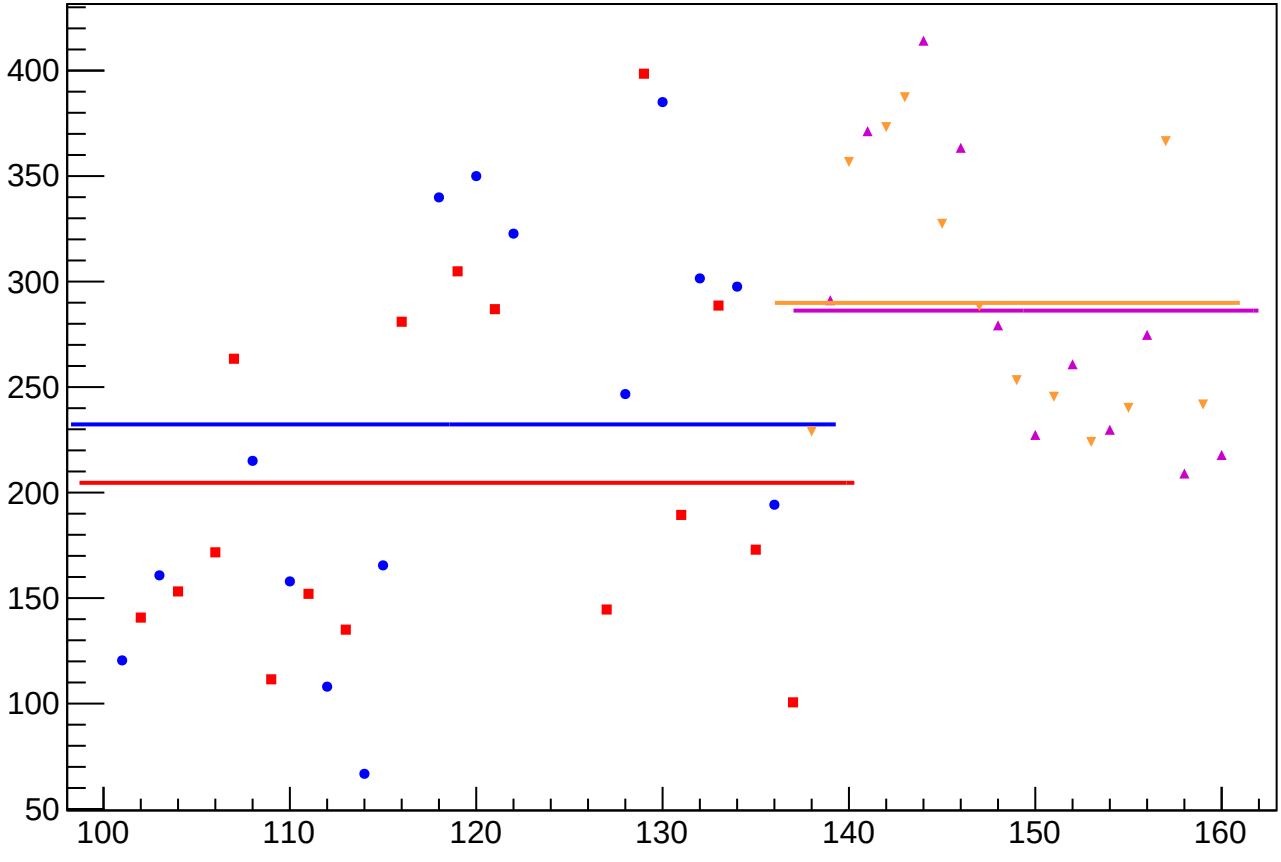
All: 18207.738+/-0.000 χ^2/NDF: 7582607940

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

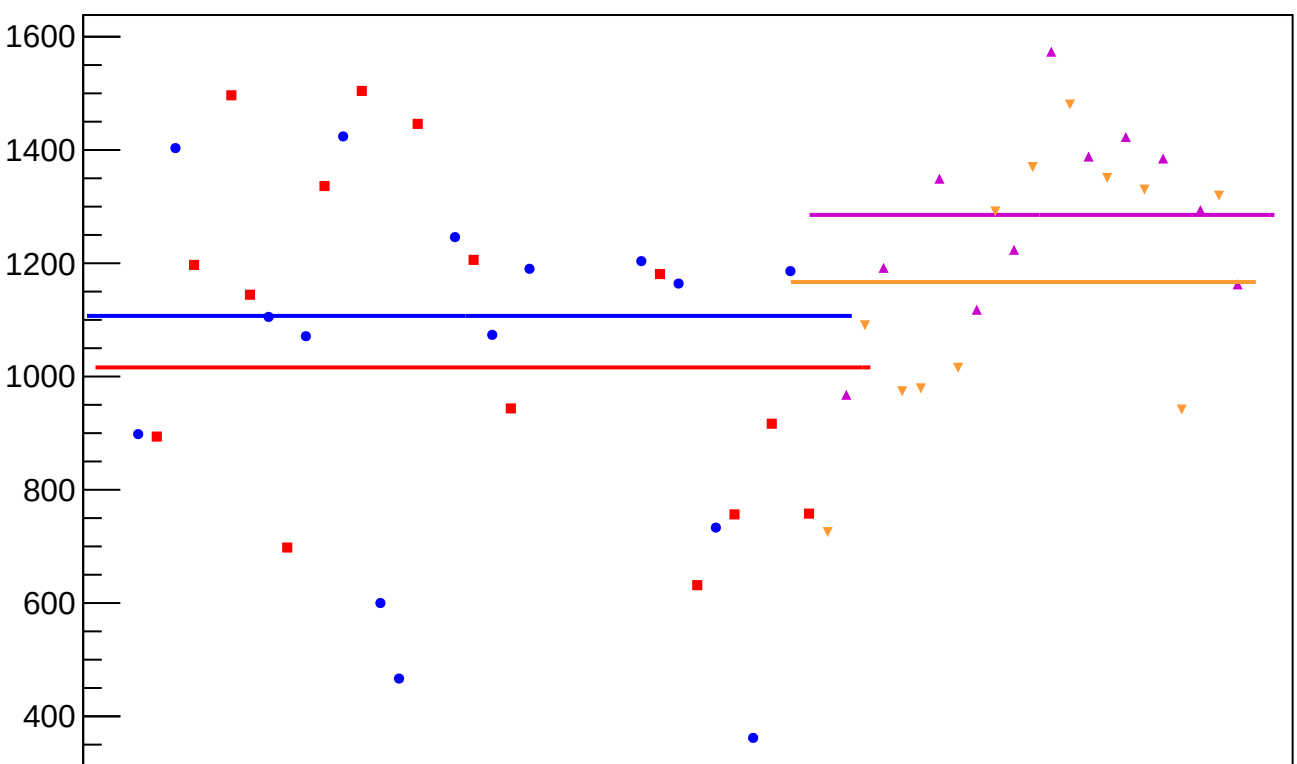
All: 258.948+/-0.000 χ^2/NDF: 212946744199

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

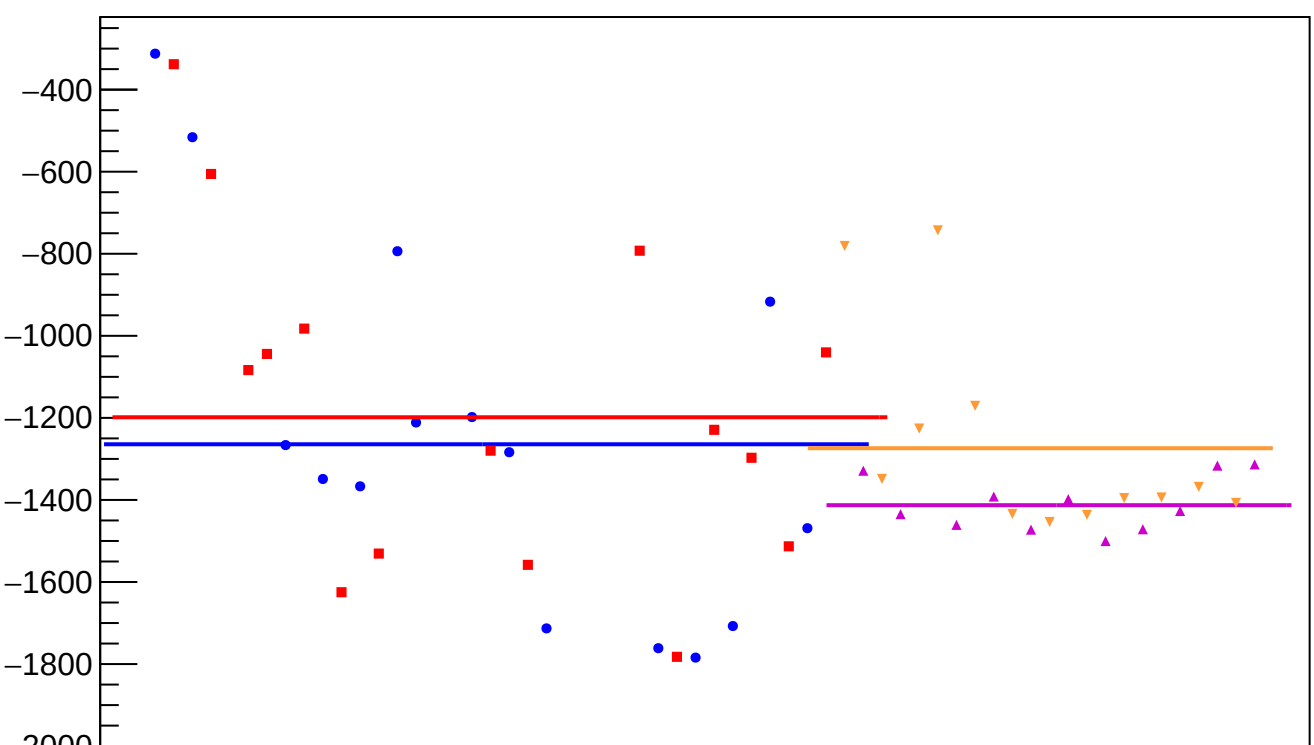
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

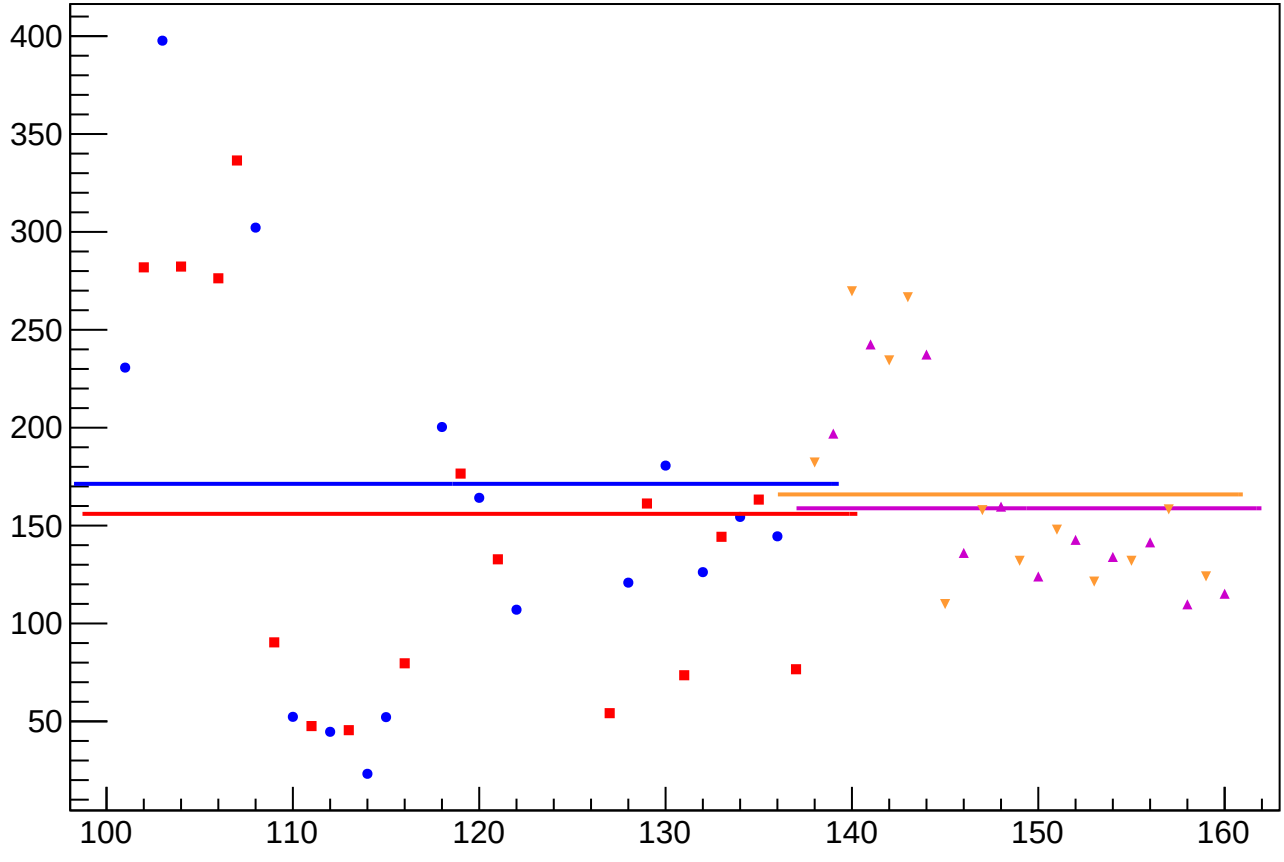
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

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

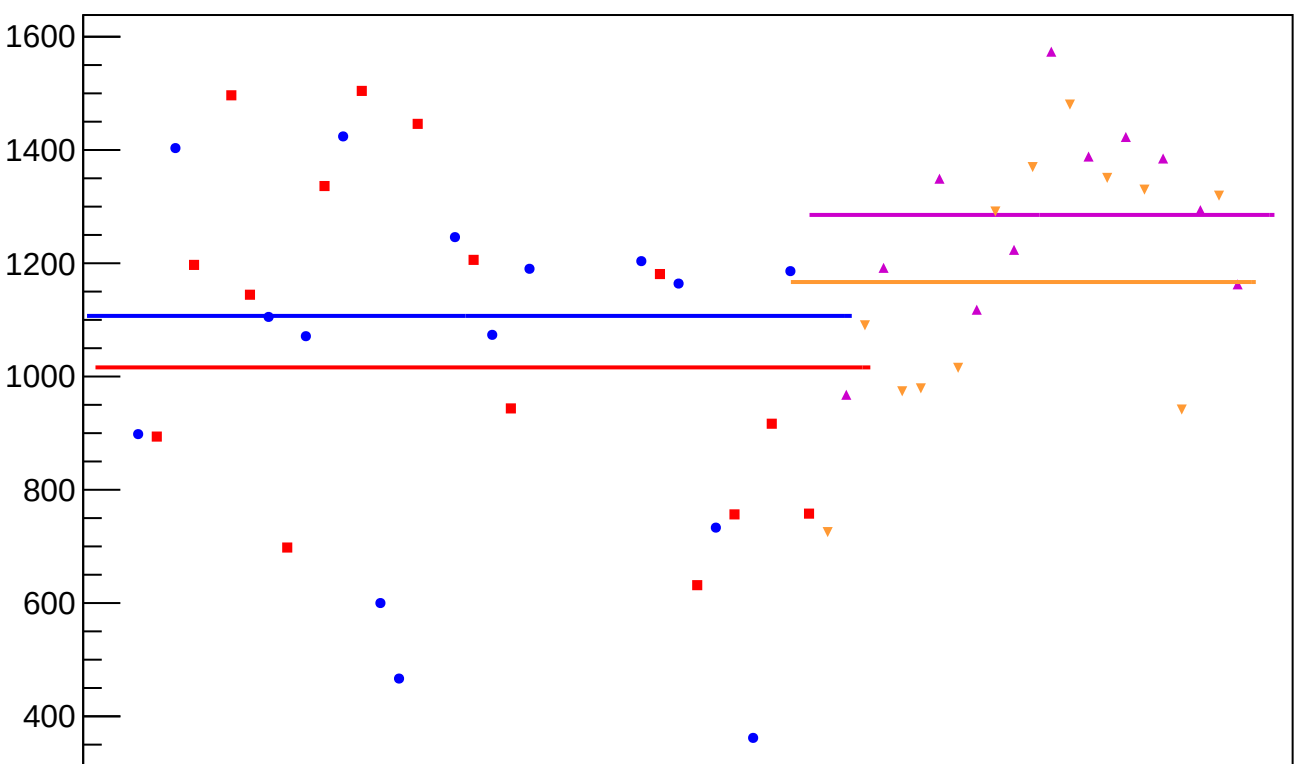
Left In: 158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10

+ 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

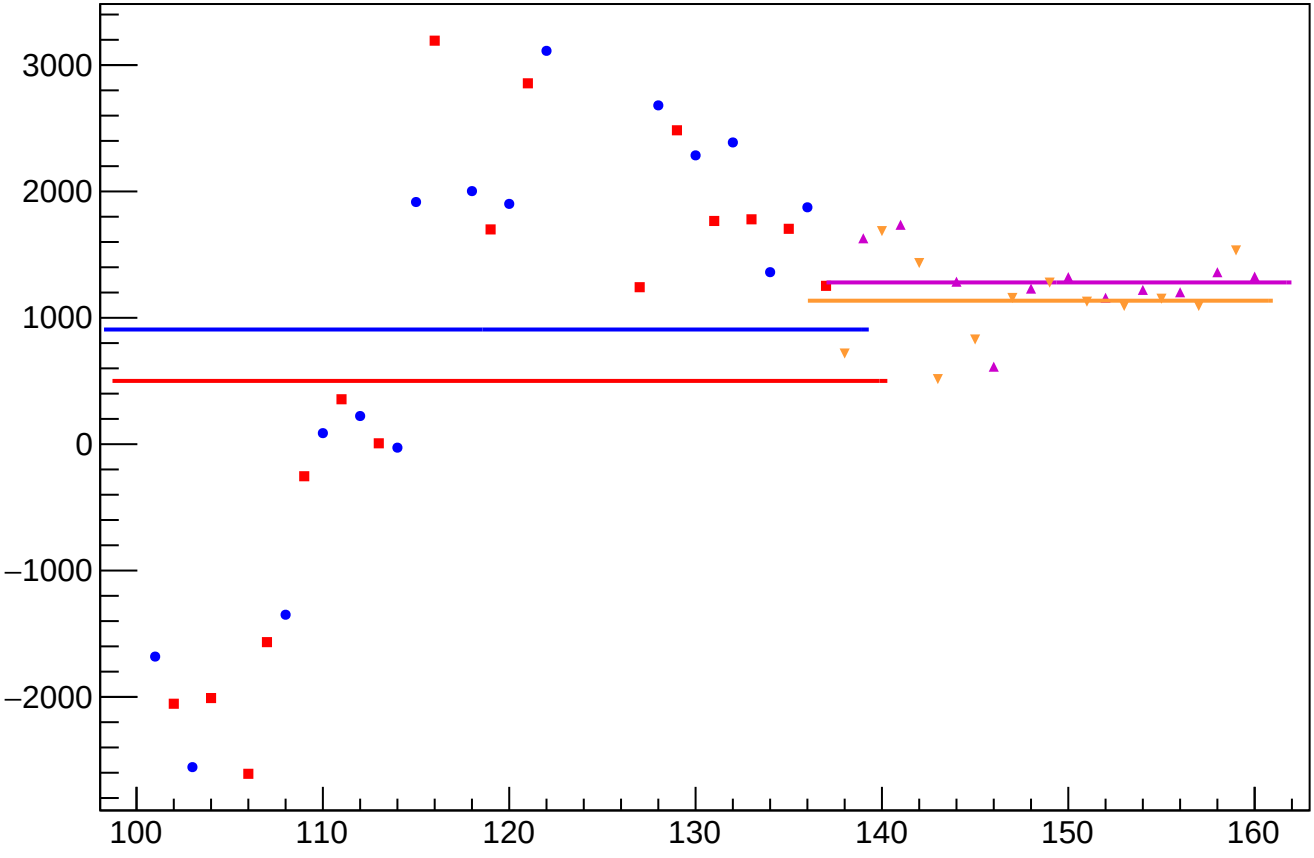
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1142.031+/-0.000 χ^2/NDF: 8664358837731 6

All: 1157.392+/-0.000 χ^2/NDF: 2120291144 2

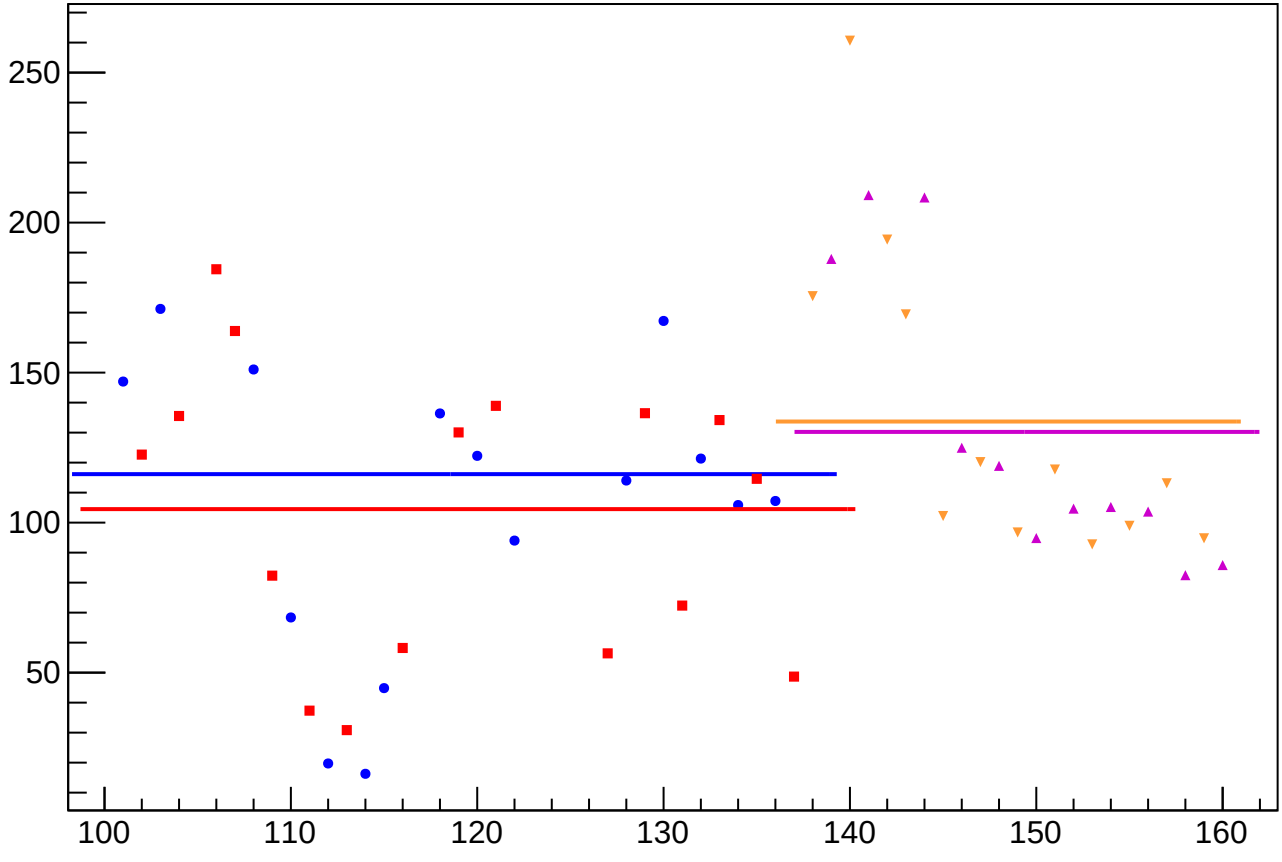
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

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

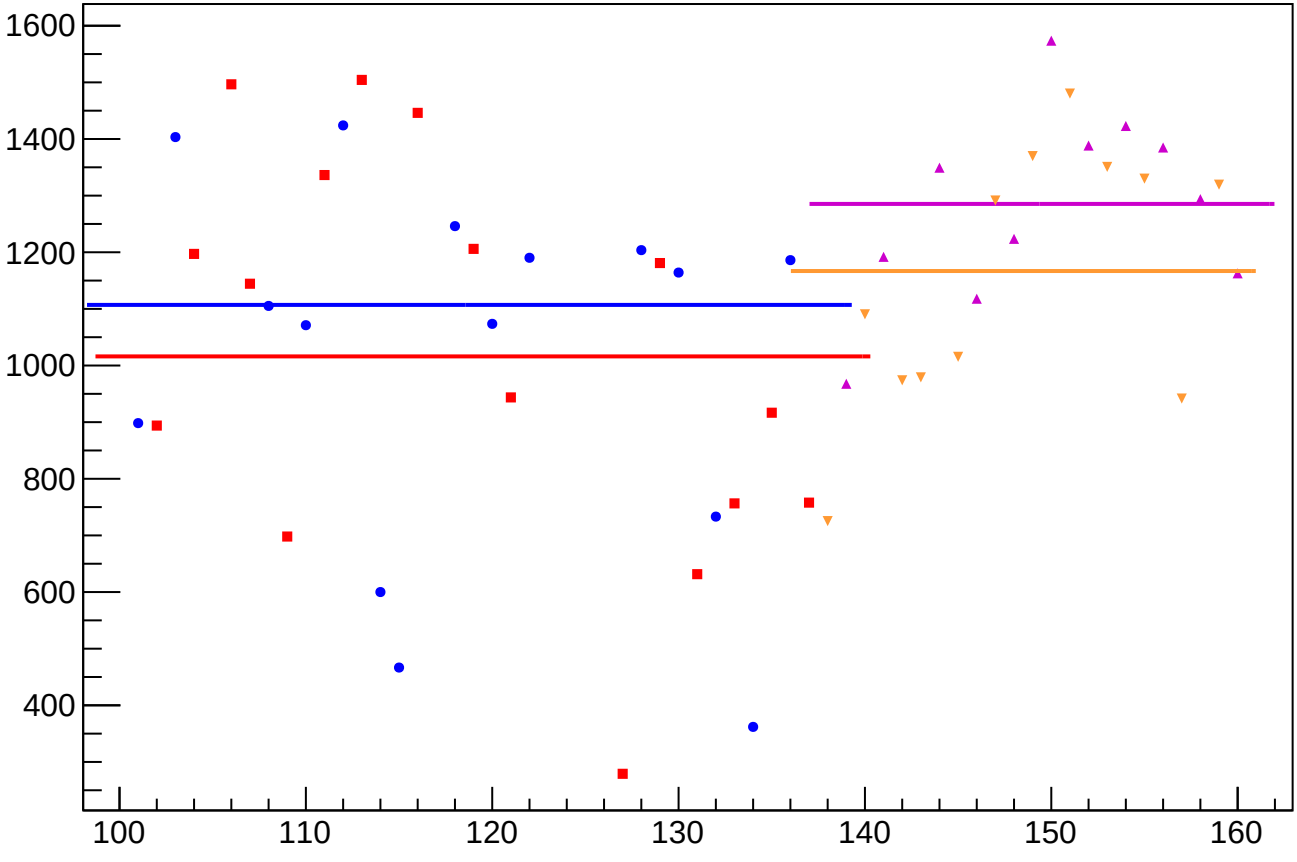
Left In: 130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10

+ 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

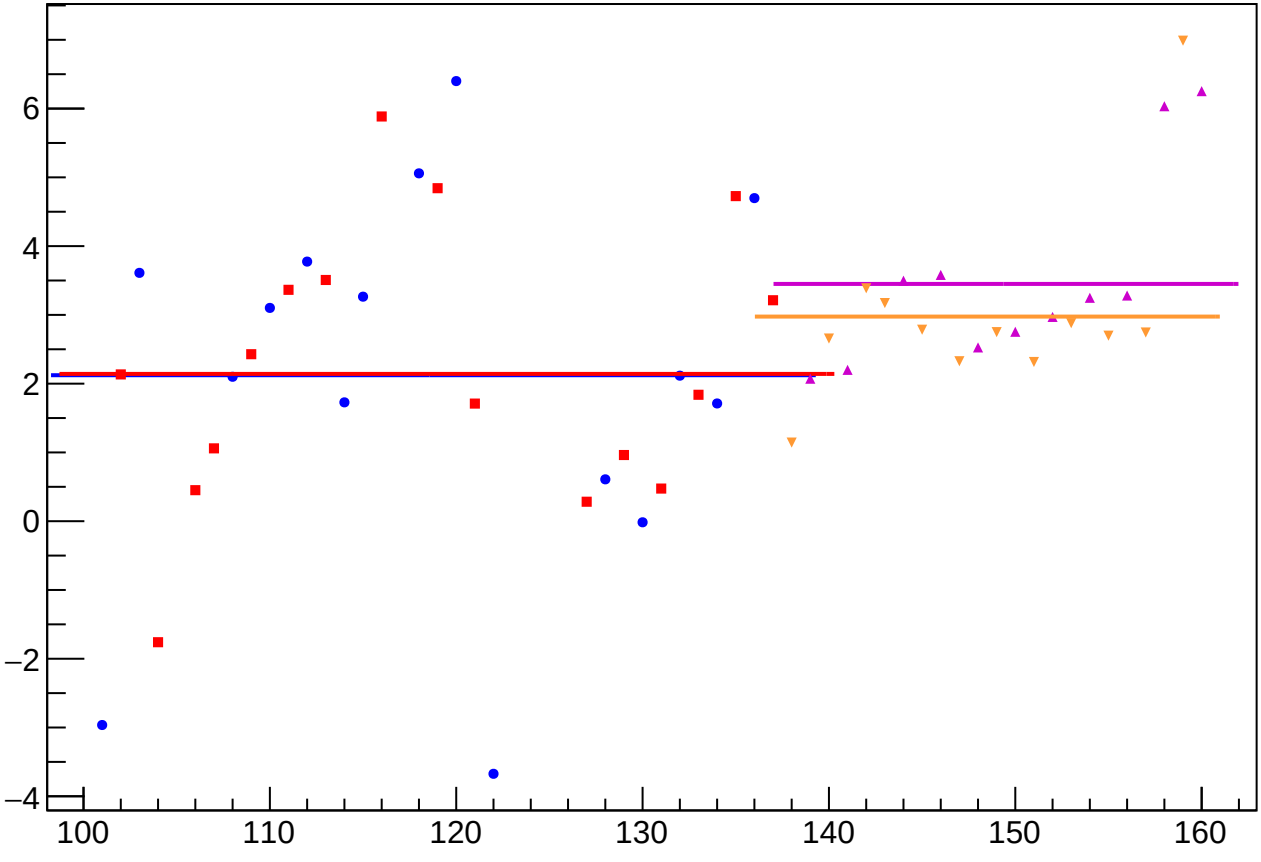
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ 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

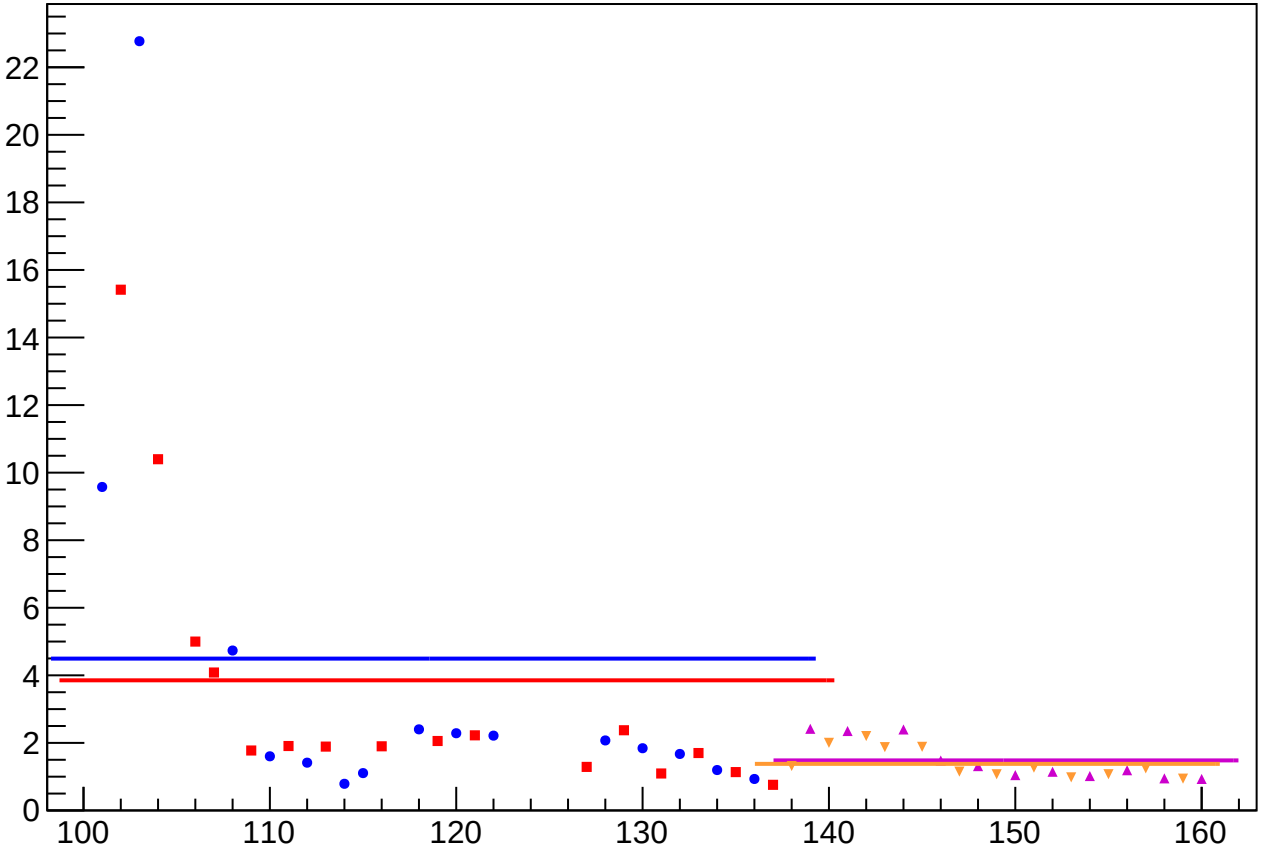
Left In: 3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10

+ 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

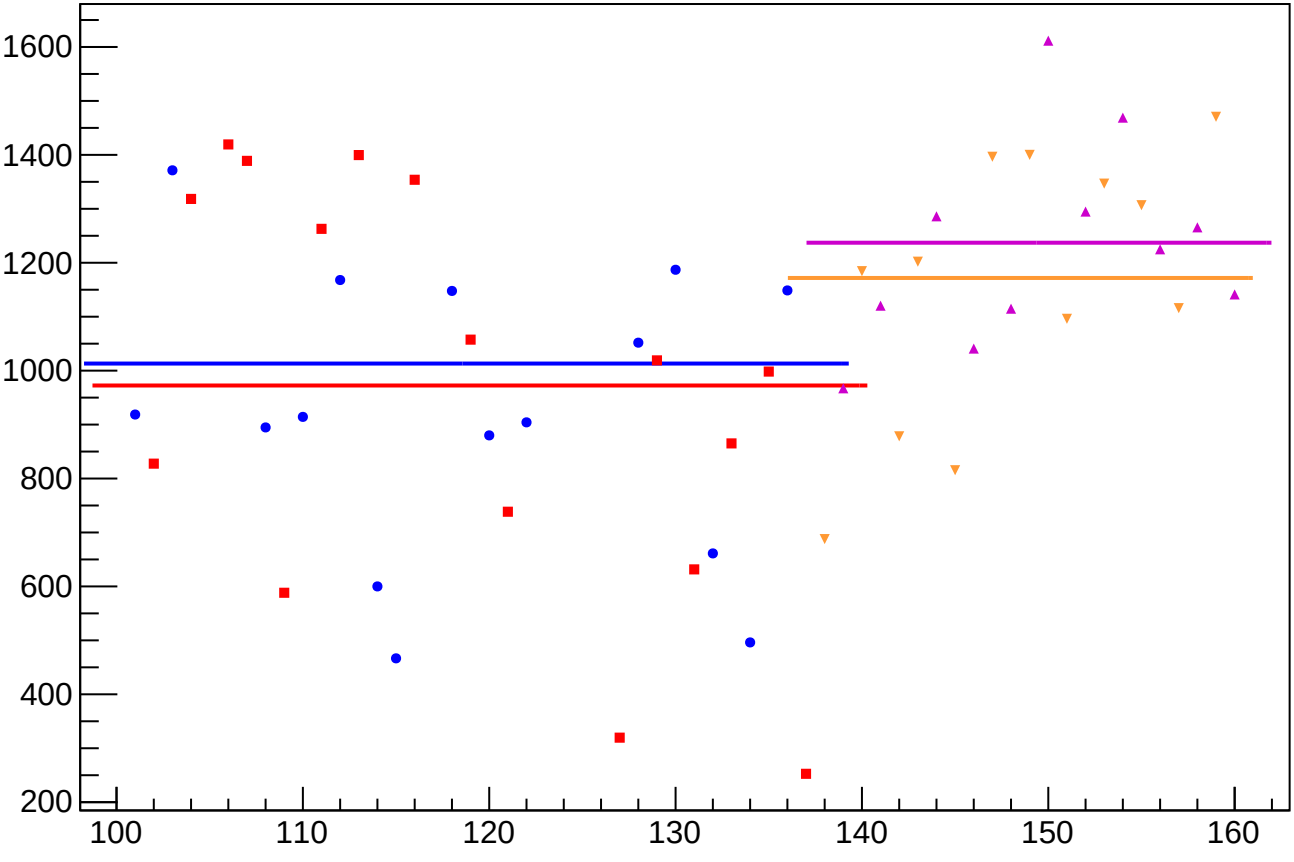
All: 2.573+/-0.000 χ^2/NDF: 4393857611244 7

Right Out: 3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

- sign 2.476+/-0.000 χ^2/NDF: 1480240591264191 0

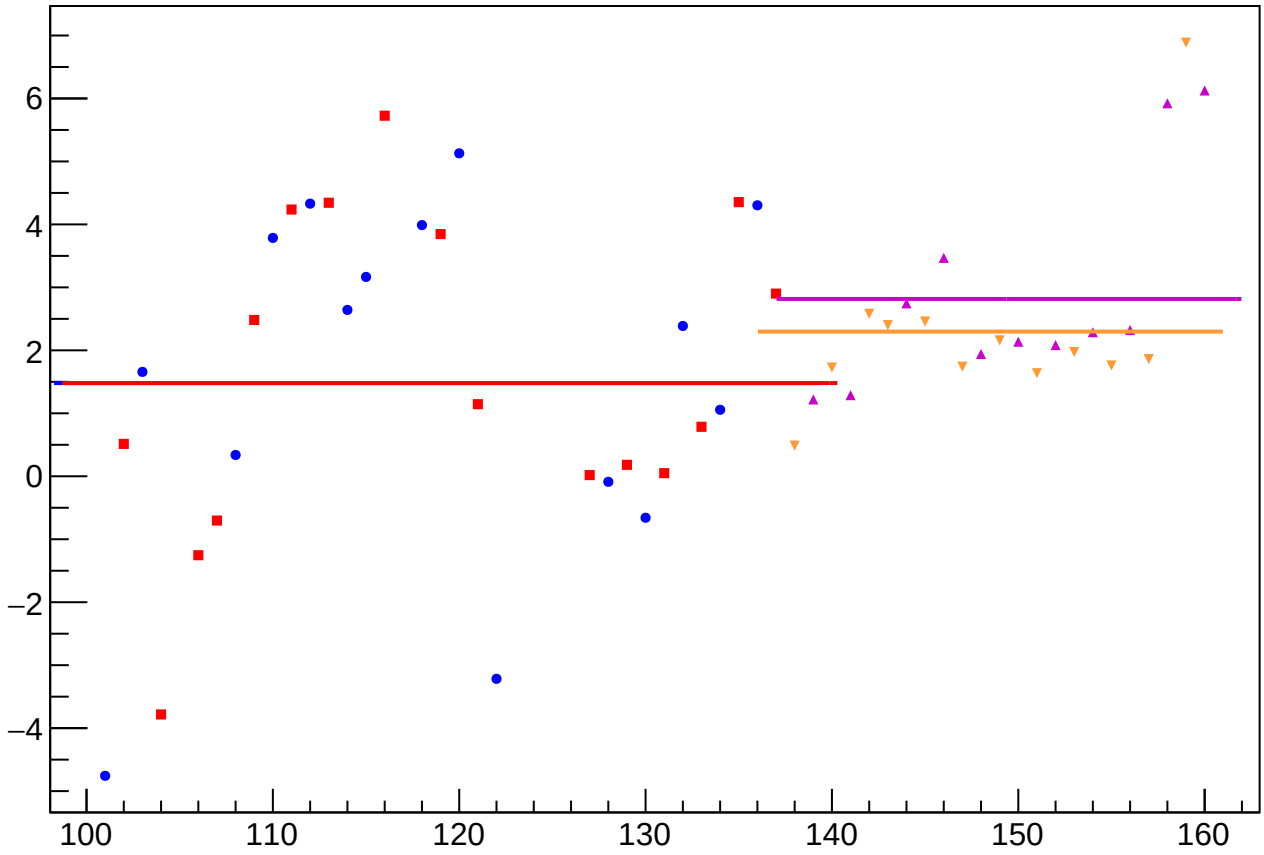
Left In: 1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

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

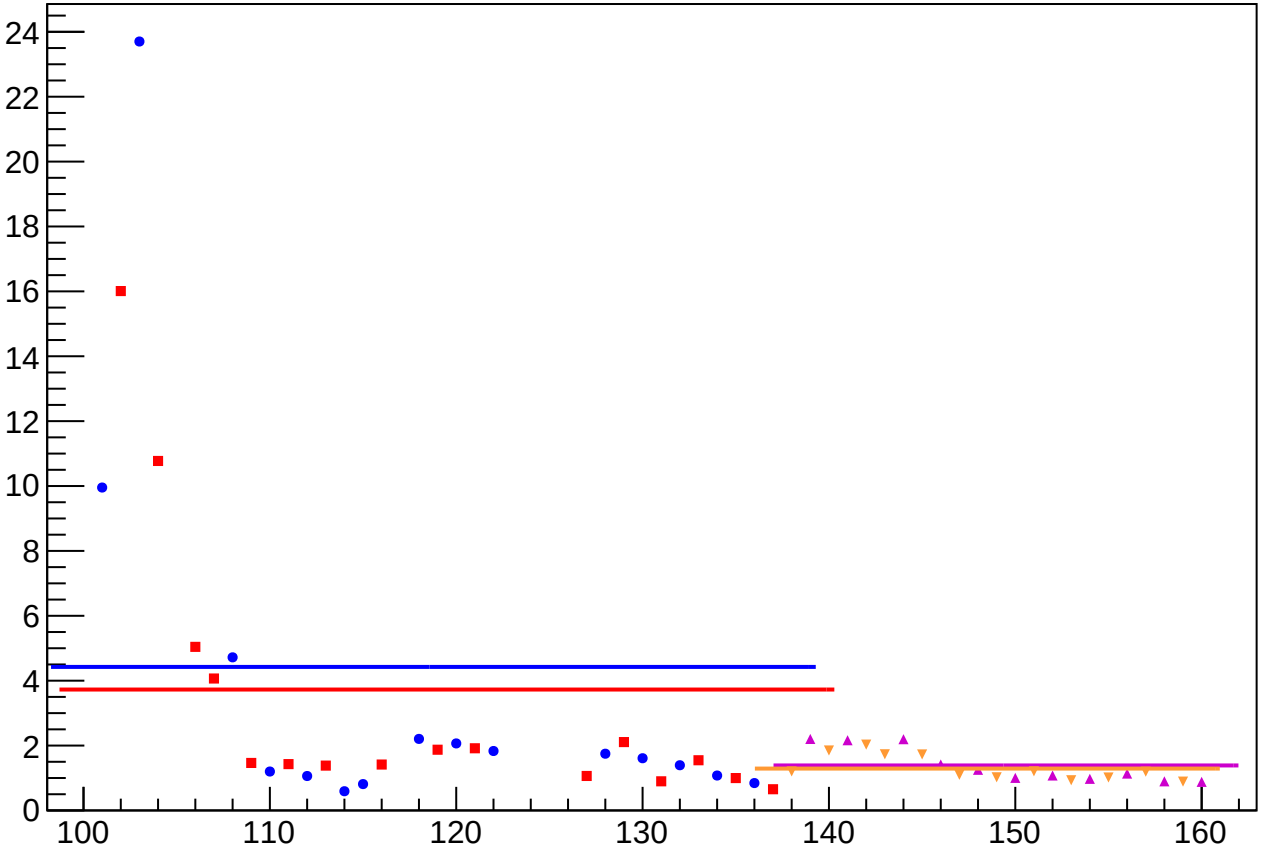
Left In: 2.816+/-0.000 χ^2/NDF:2230790234579581781884760219451392.0/10

+ 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

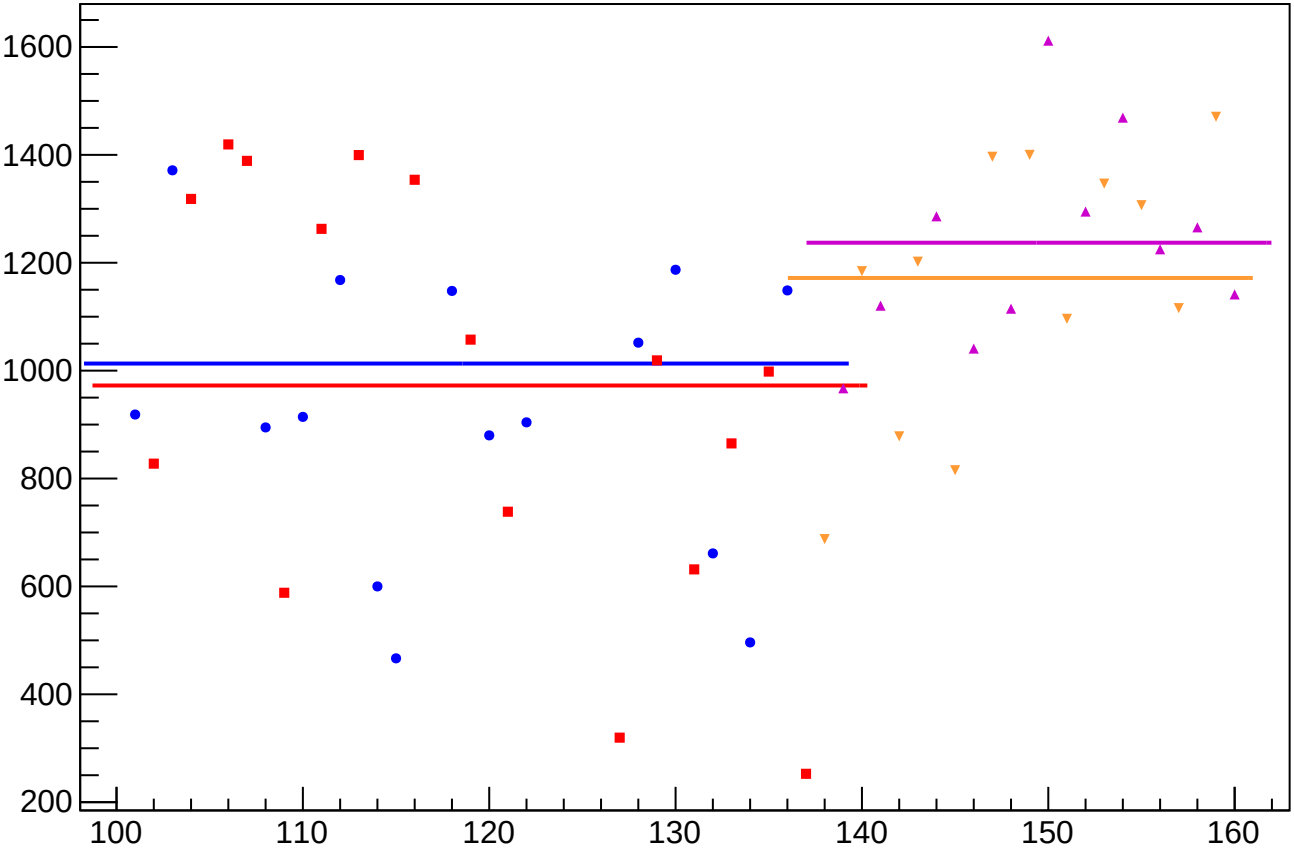
All: 2.479+/-0.000 χ^2/NDF: 4850101738154

Right Out: 3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

- sign 2.368+/-0.000 χ^2/NDF: 16358007863357496

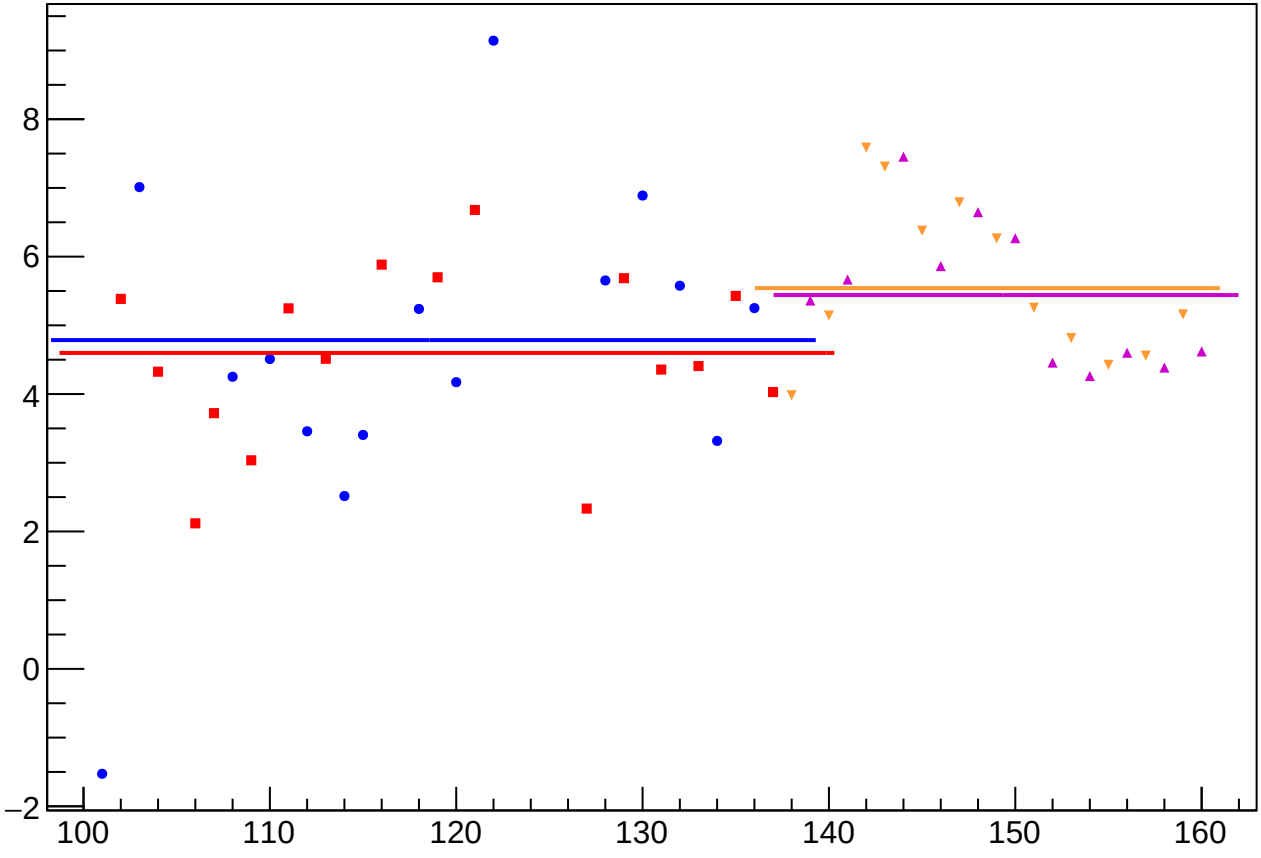
Left In: 1.387+/-0.000 χ^2/NDF:24538120591373436894782956136038 4.0/10

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

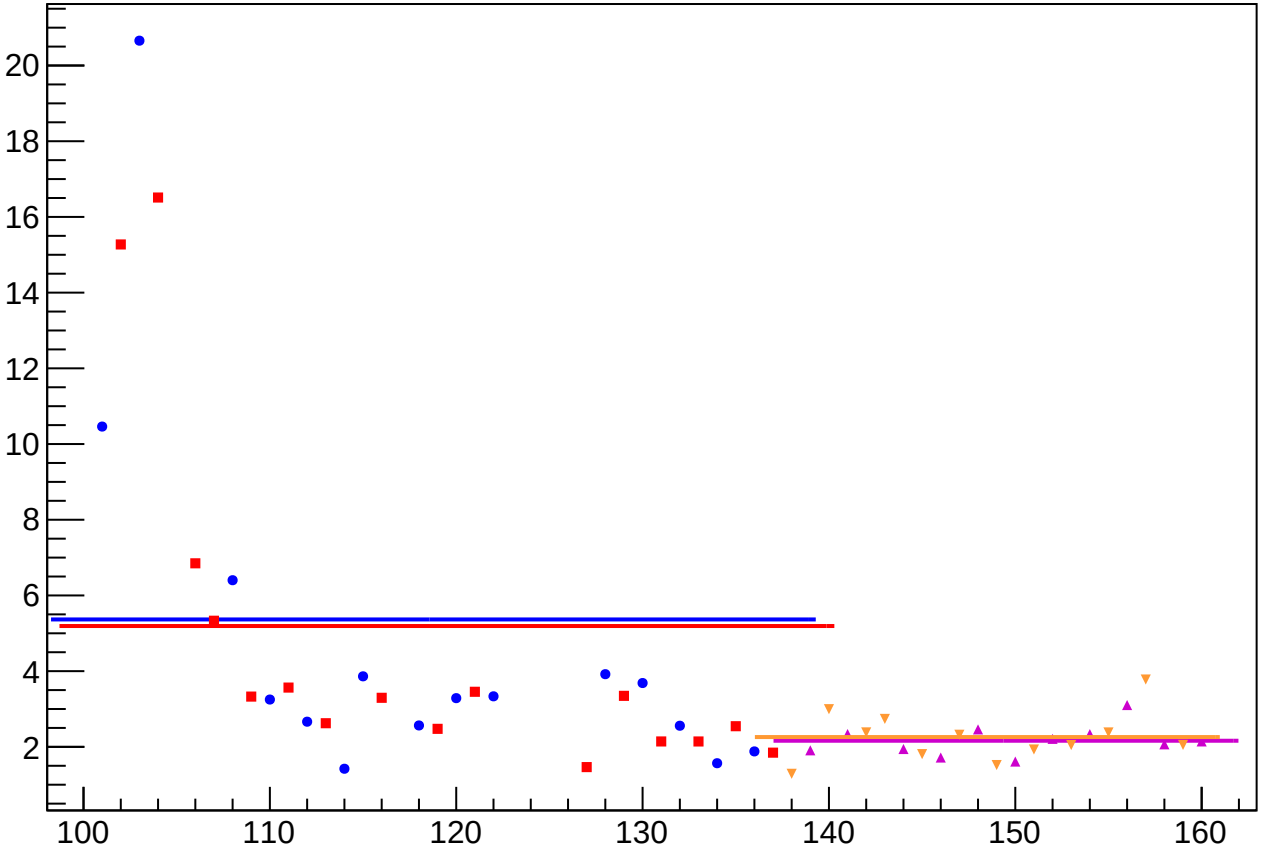
Left In: 5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10

+ 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

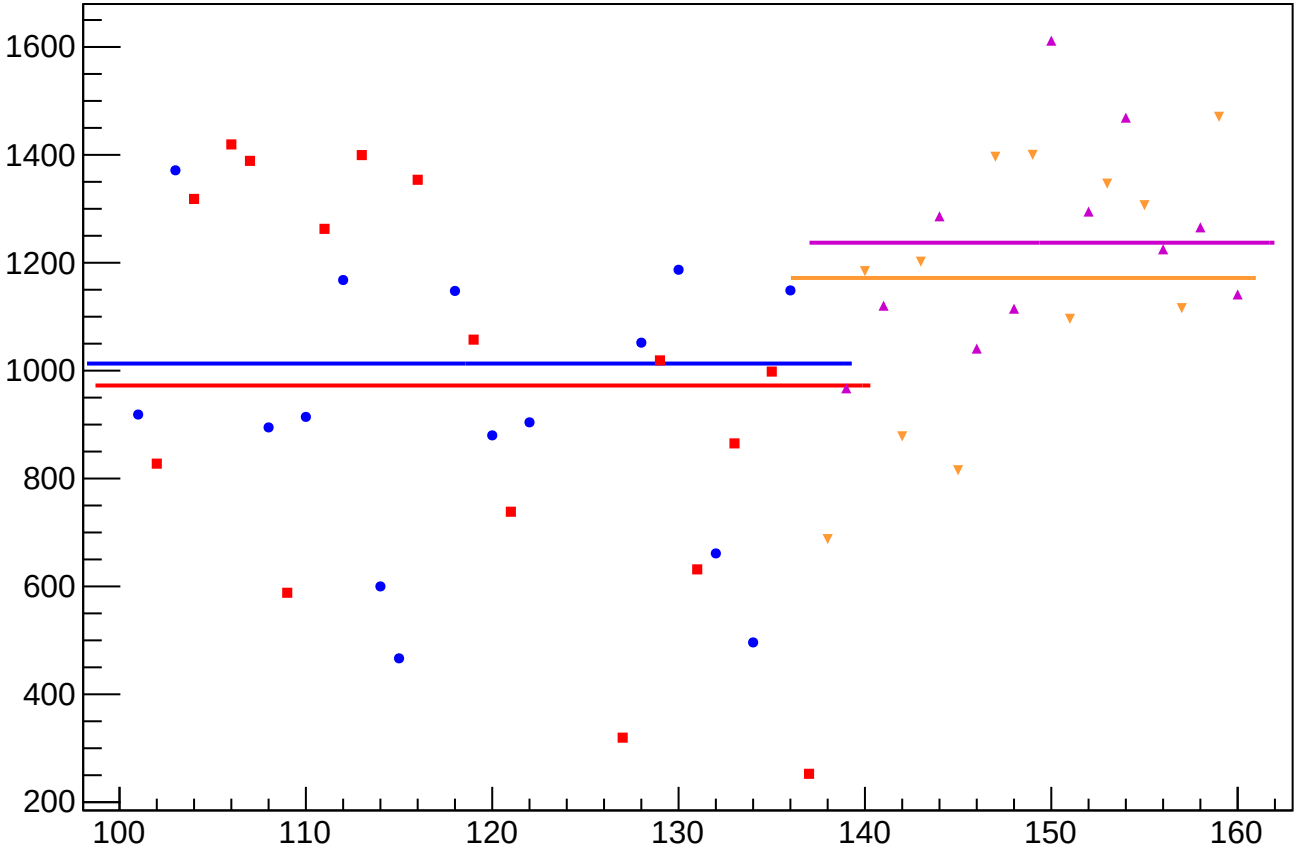
All: 3.490+/-0.000 χ^2/NDF: 4229693907768 0

Right Out: 5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289139 2.0/15

- sign 3.432+/-0.000 χ^2/NDF: 1944582992061895 7

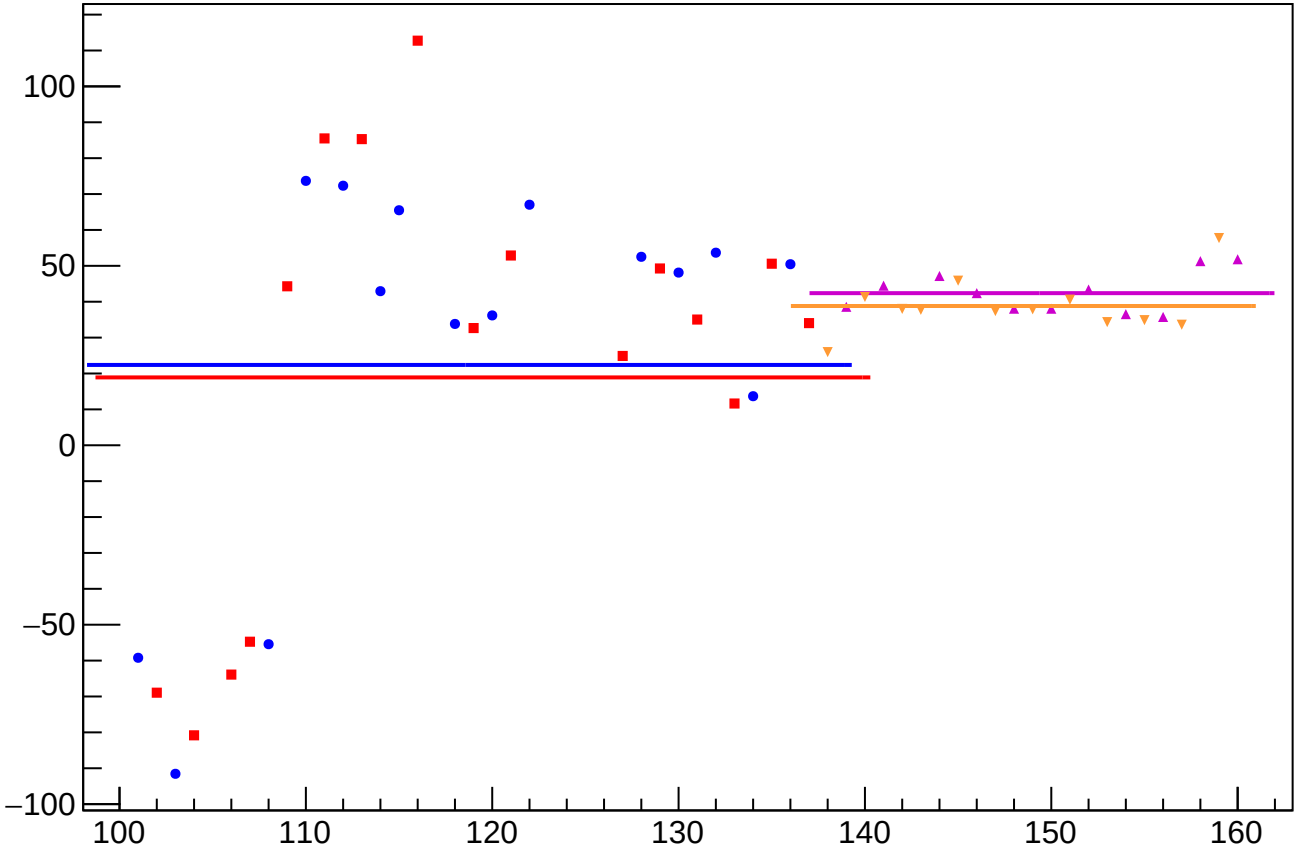
Left In: 2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

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

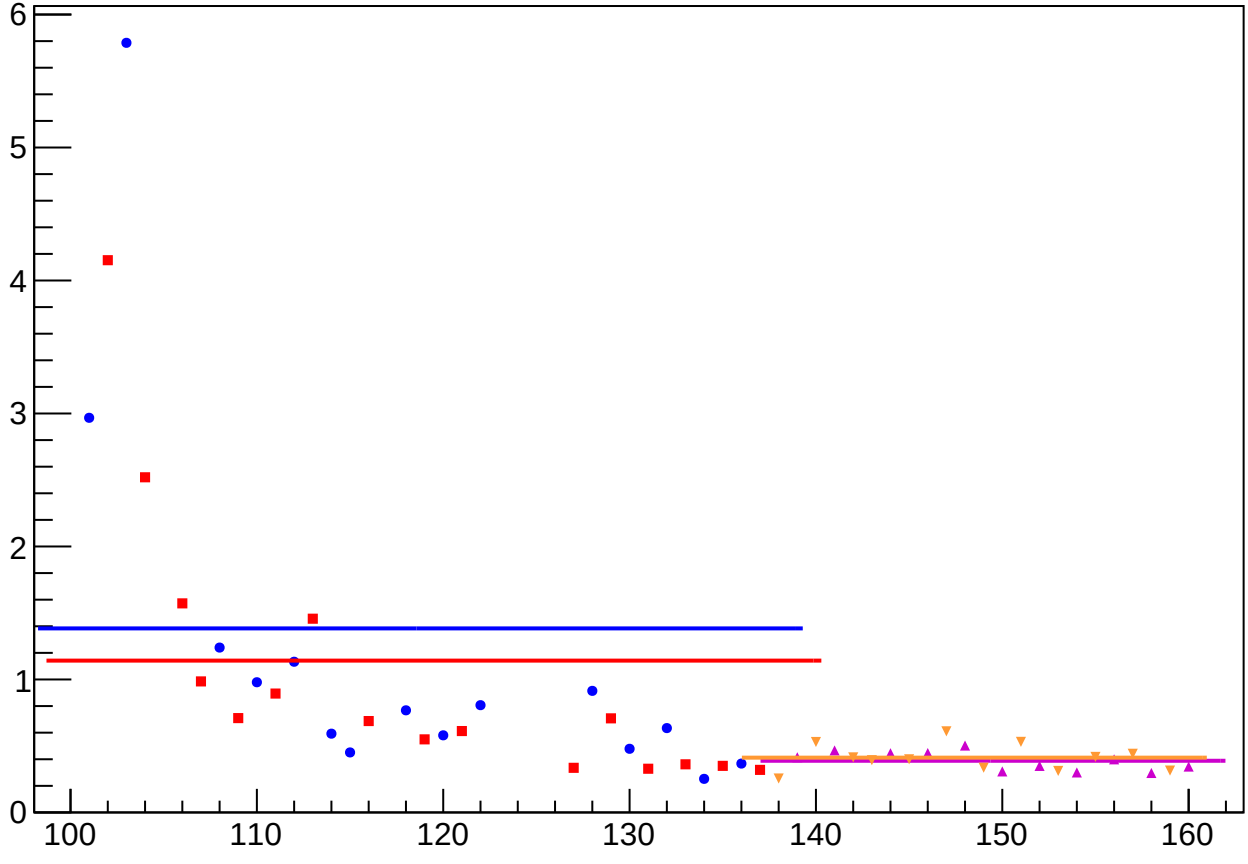
Left In: 42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10

+ 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

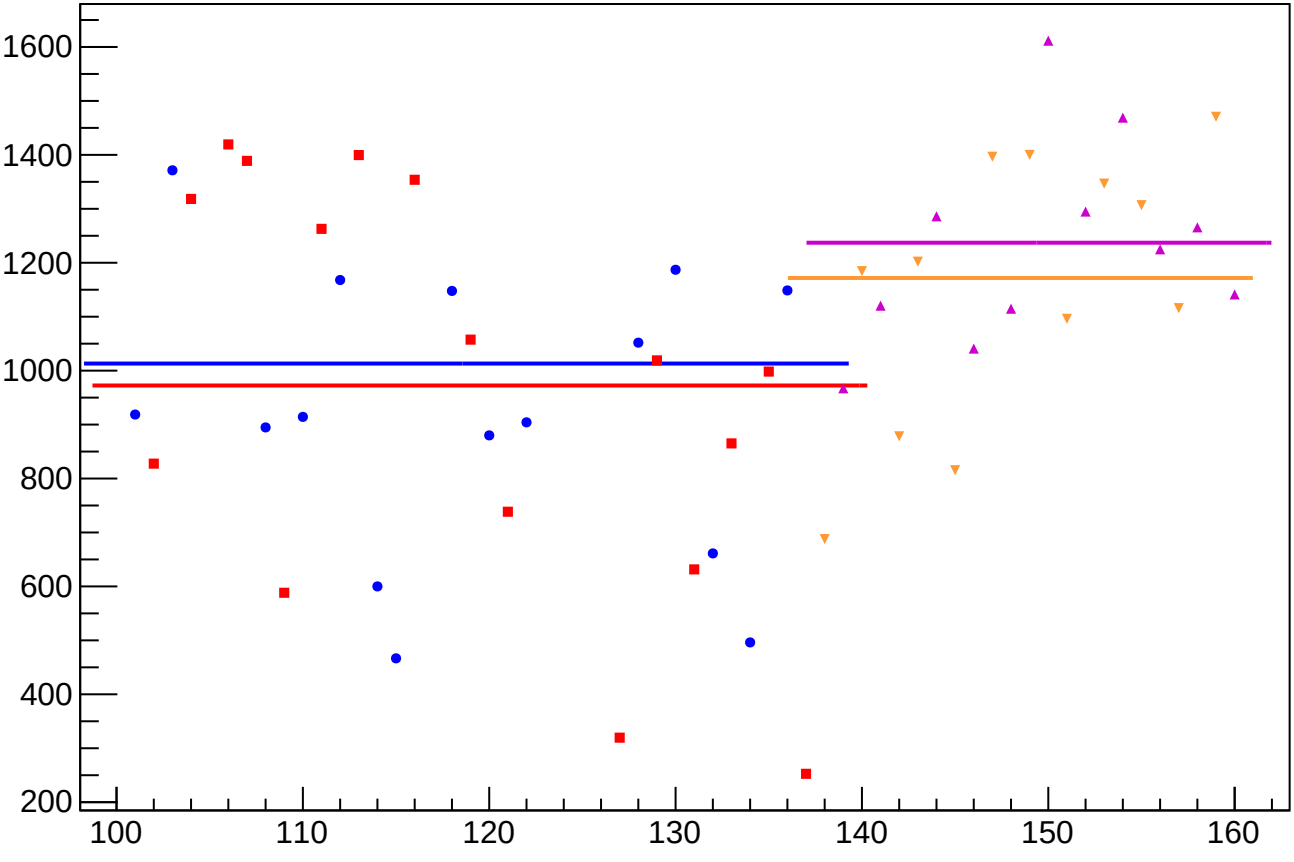
Left In: 0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

+ sign 0.816+/-0.000 χ^2/NDF: 1938989534103537 8

All: 0.760+/-0.000 χ^2/NDF: 2983619505756 6

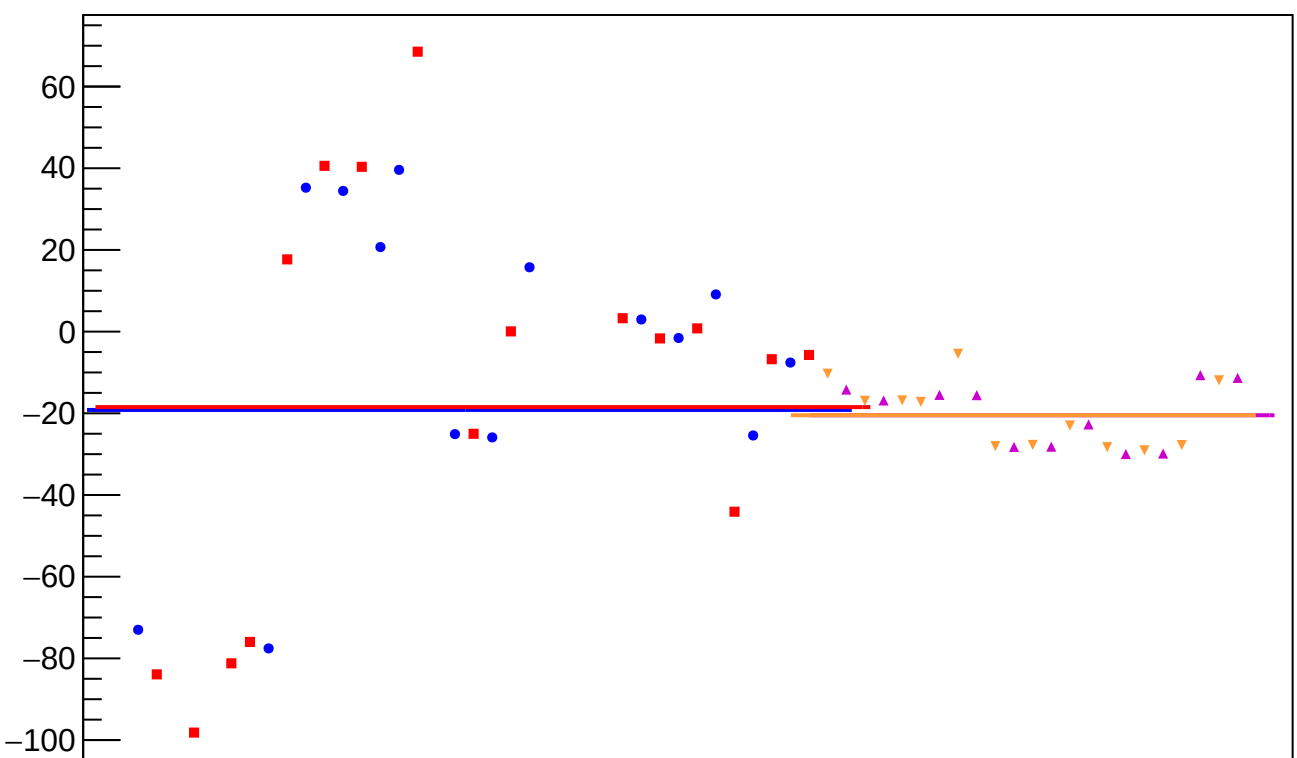
- sign 0.704+/-0.000 χ^2/NDF: 1034872597888586 5

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

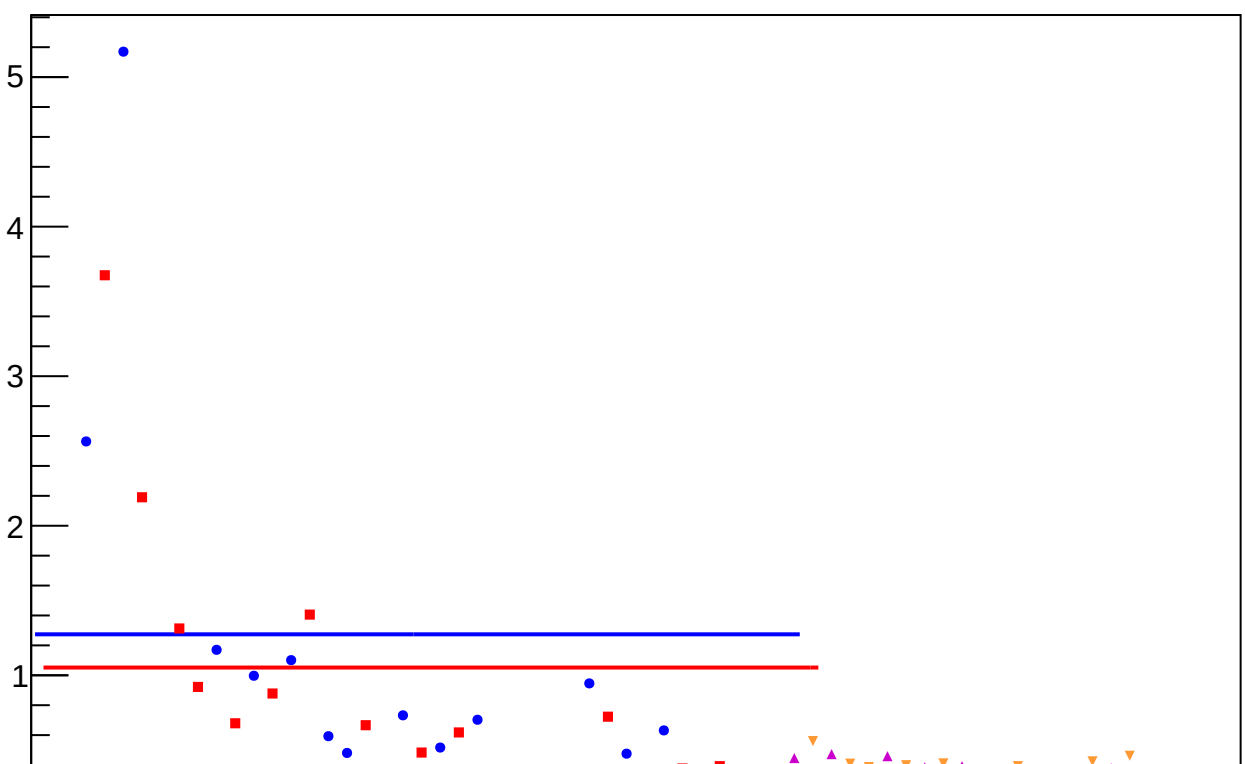
All: -19.782+/-0.000 χ^2/NDF: 284511592850

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

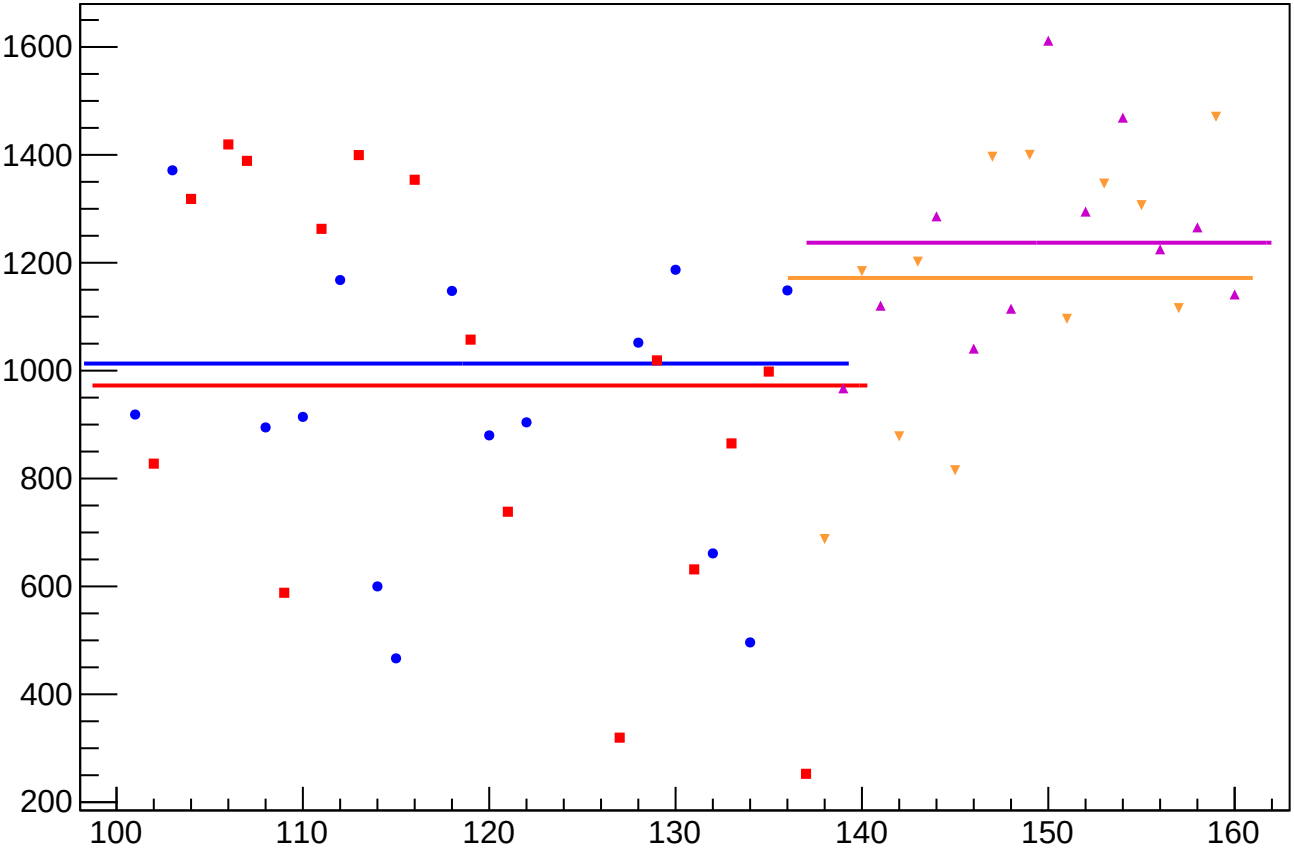
Left In: 0.369+/-0.000 χ^2/NDF:41663506388481386767078161 12128.0/10

+ sign 0.754+/-0.000 χ^2/NDF: 1518228086882446 8

All: 0.704+/-0.000 χ^2/NDF: 2317786361226 1

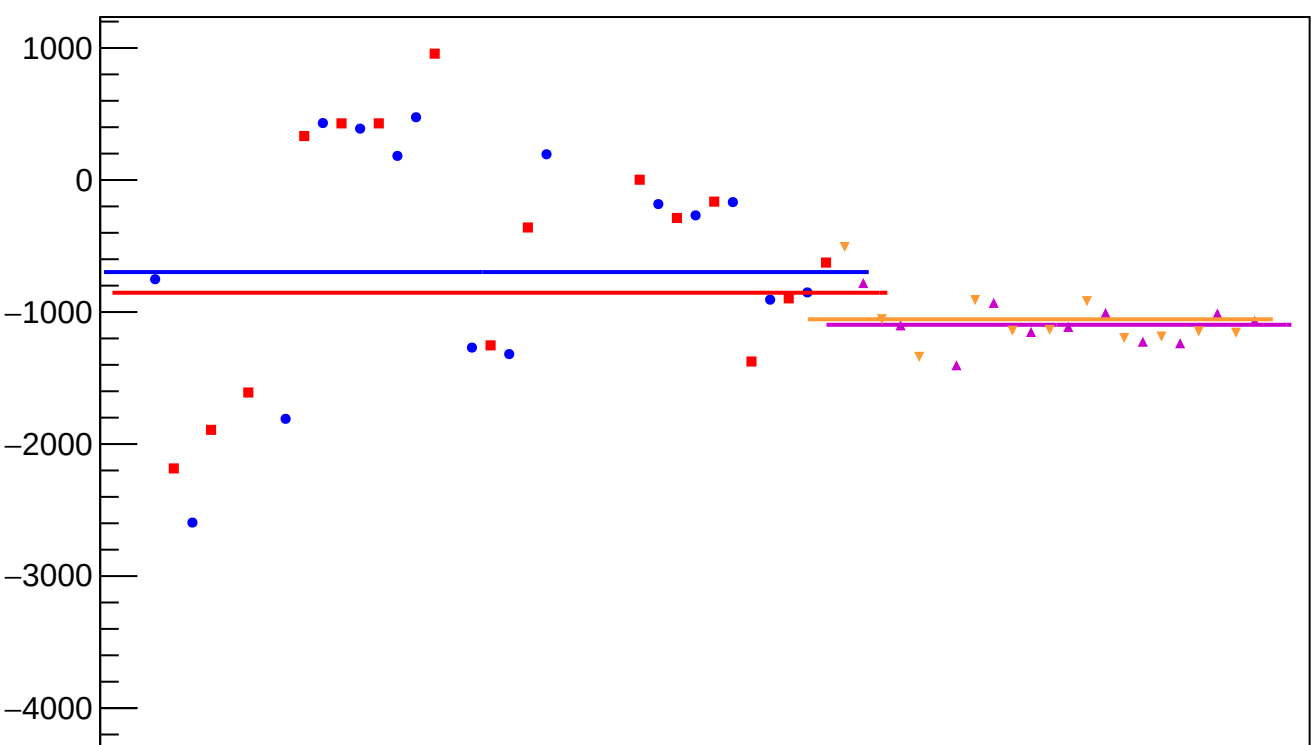
- sign 0.655+/-0.000 χ^2/NDF: 7919391626882888 1

dit_4eY_coil6_Ndata_mean vs Slug



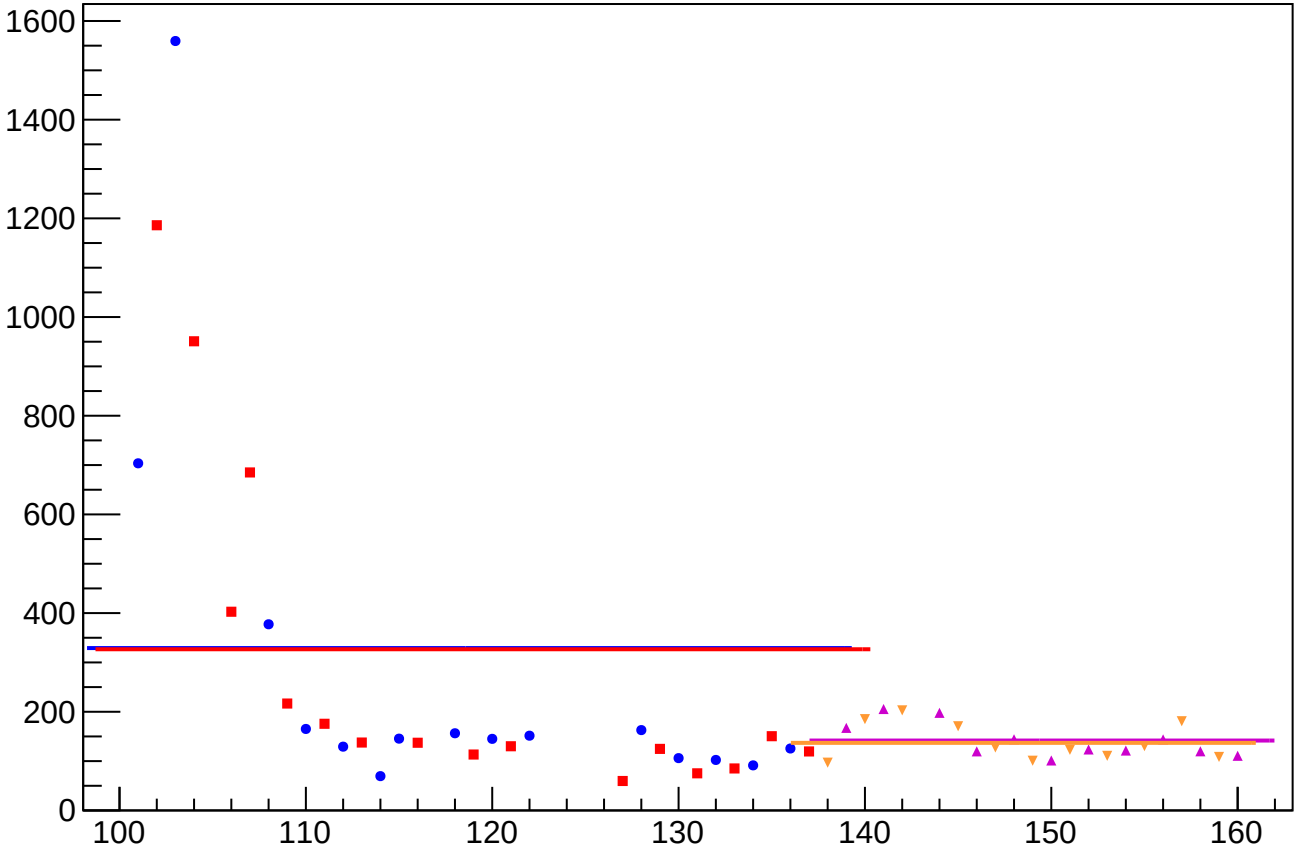
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 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

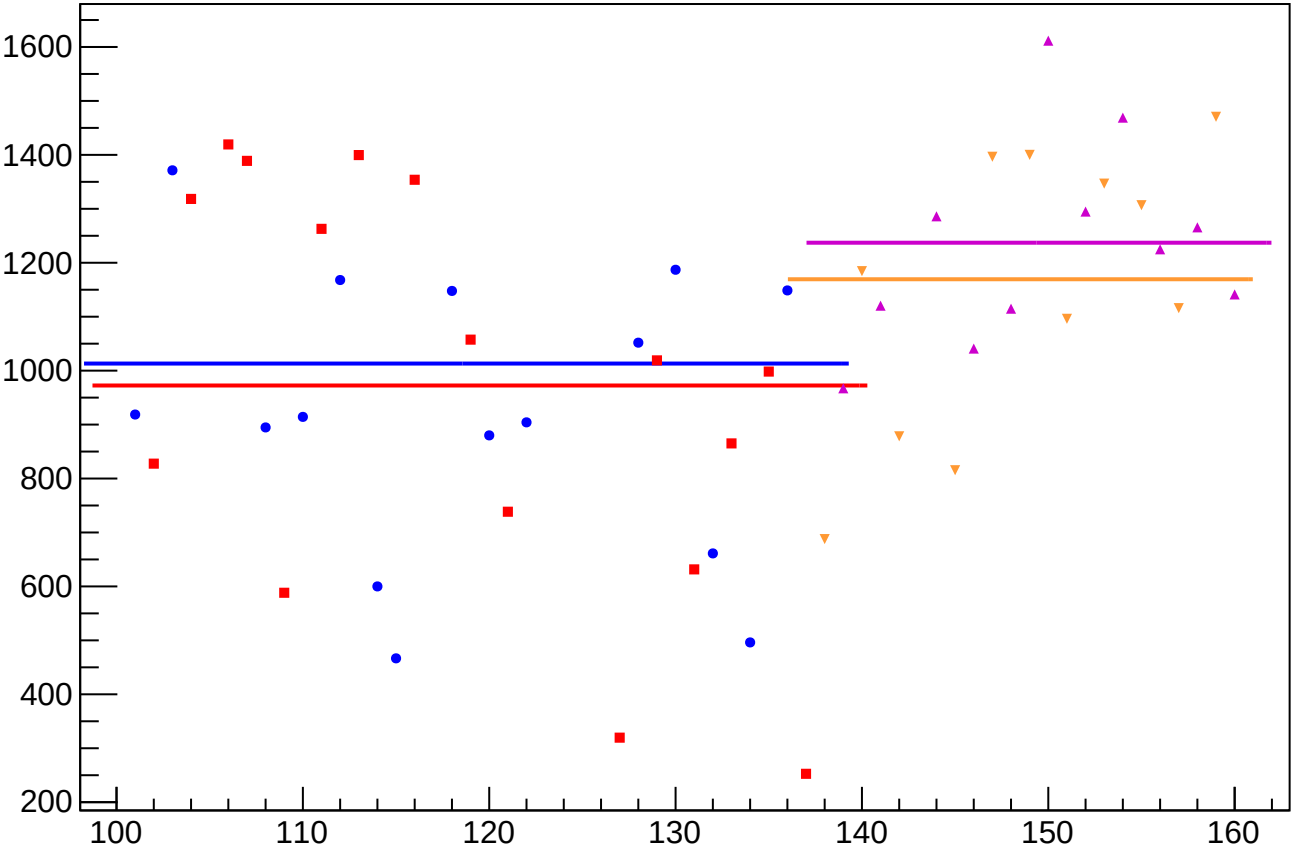
All: 219.782+/-0.000 χ^2/NDF: 233310972456

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

- sign 219.249+/-0.000 χ^2/NDF: 101872754009430

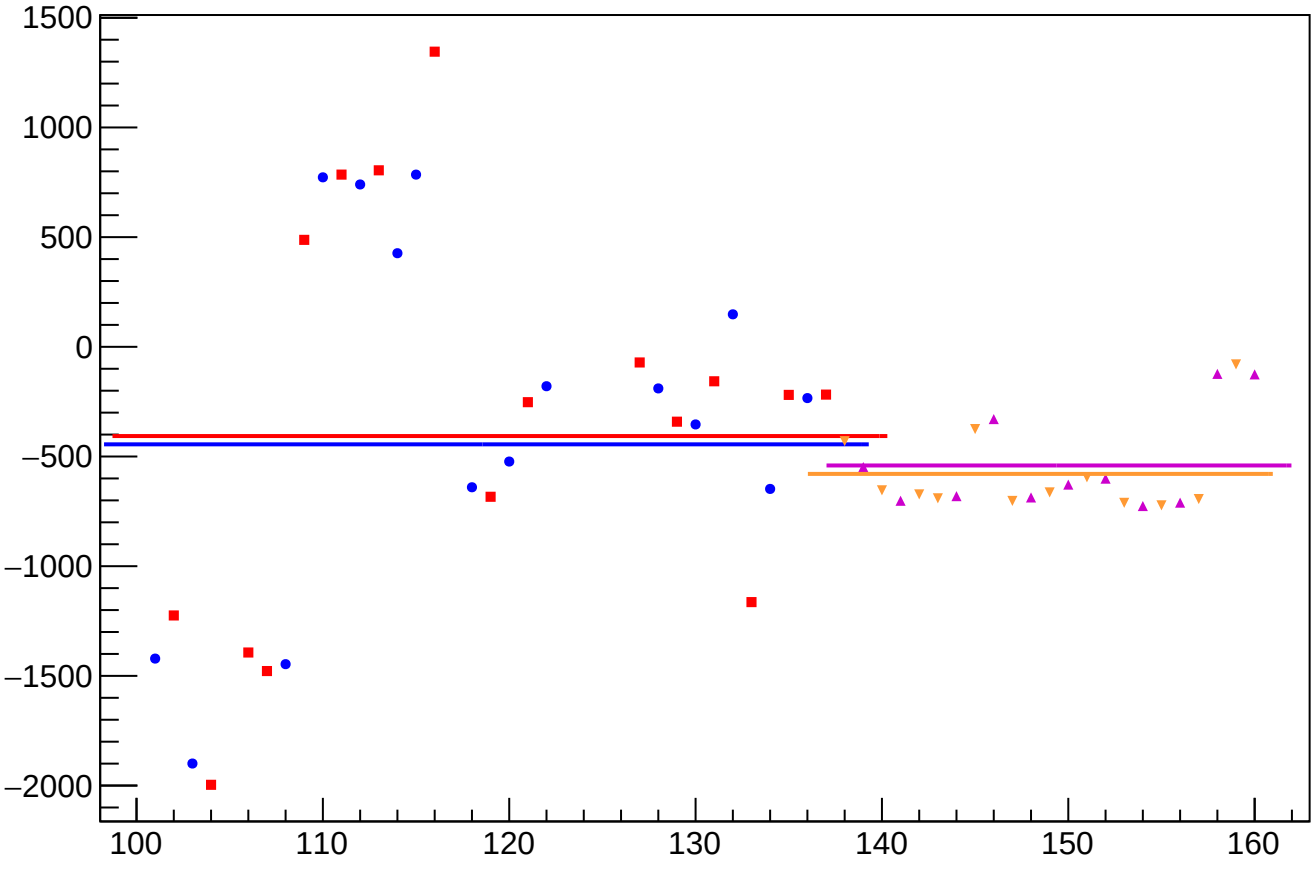
Left In: 141.688+/-0.000 χ^2/NDF:104488240805784919408142413060059955 2.0/10

dit_usl_coil6_Ndata_mean vs Slug



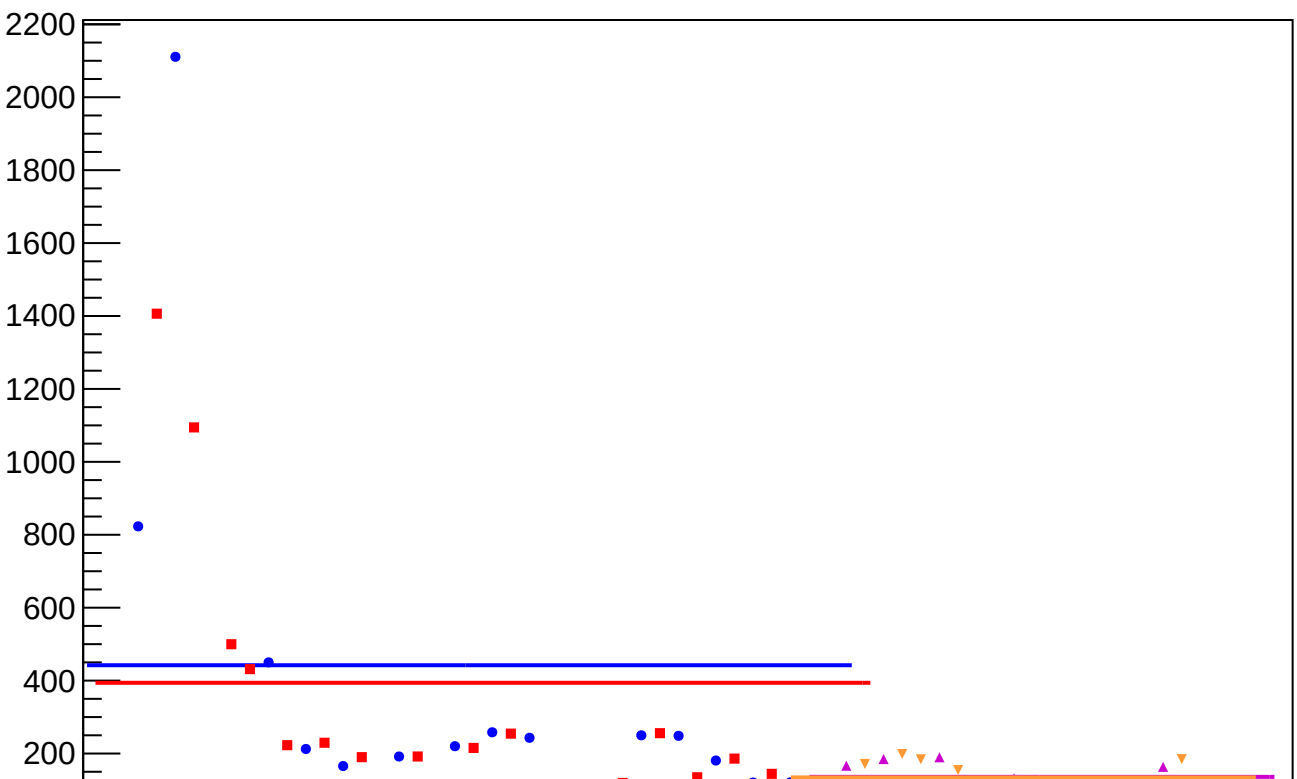
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1101.625+/-0.000 χ^2/NDF: 9305398859829 5
Left Out: 1169.420+/-0.000 χ^2/NDF:5235905852848421215297581793055395 0208.0/10
All: 1114.283+/-0.000 χ^2/NDF: 2298656455 5
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 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

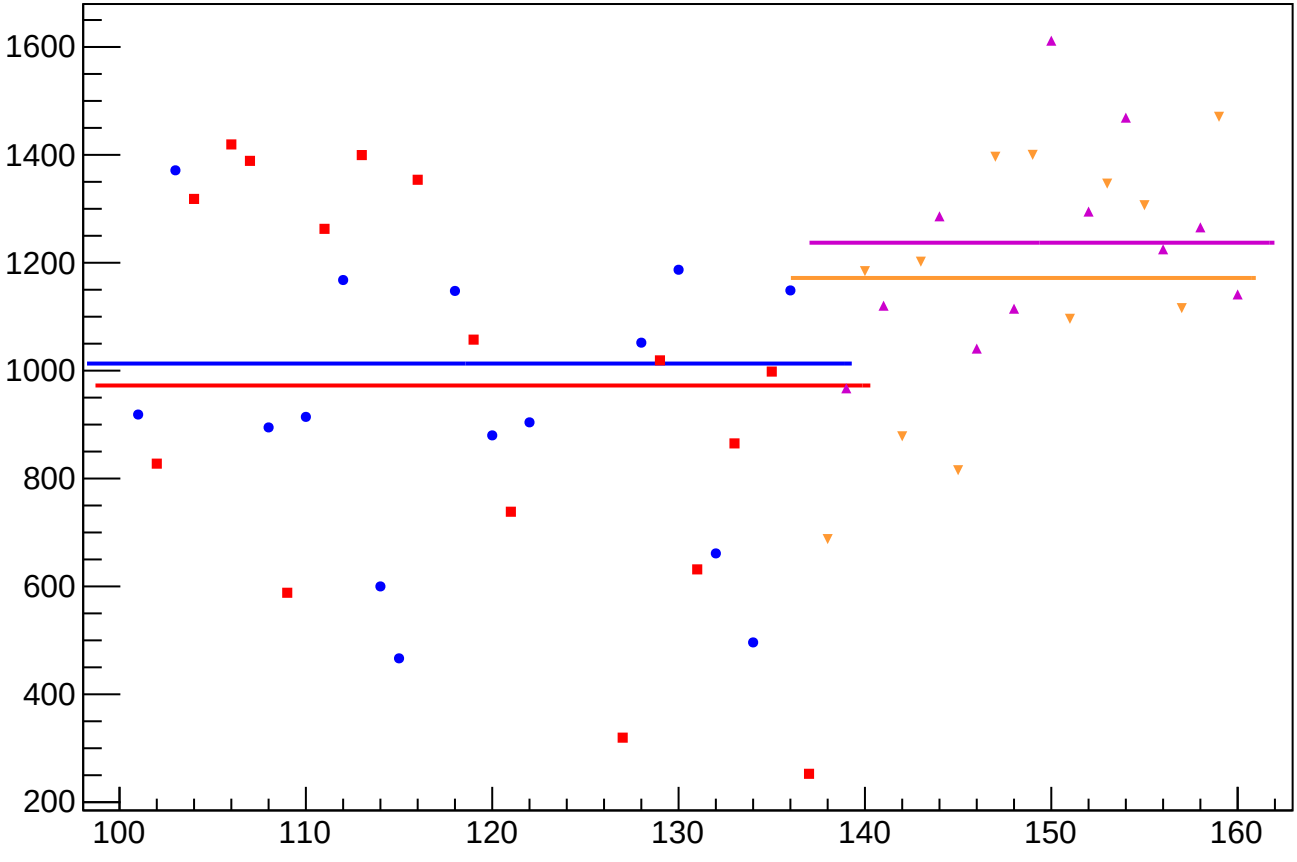
All: 253.162+/-0.000 χ^2/NDF: 37398353308

Right Out: 394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

- sign 244.199+/-0.000 χ^2/NDF: 132677424429000

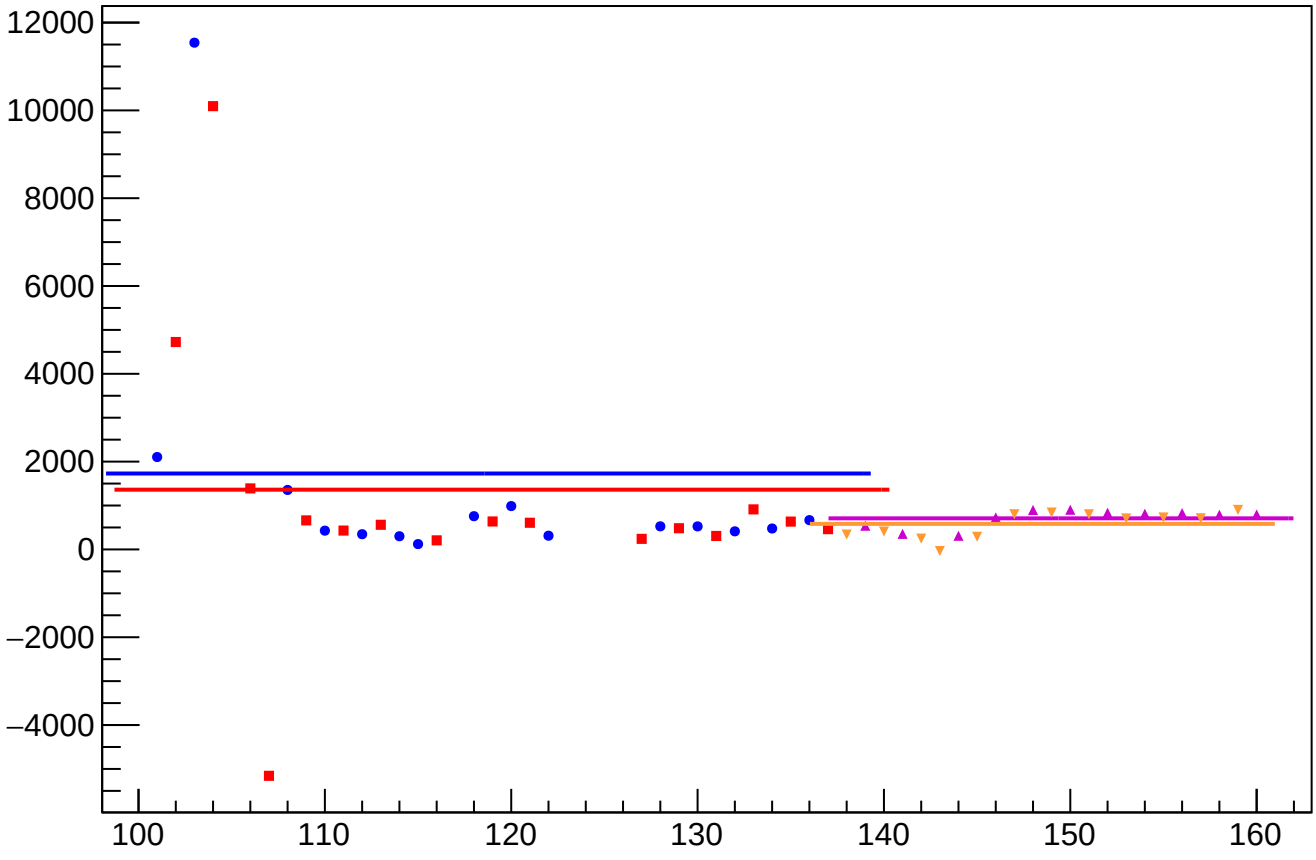
Left In: 136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10

dit_usr_coil6_Ndata_mean vs Slug



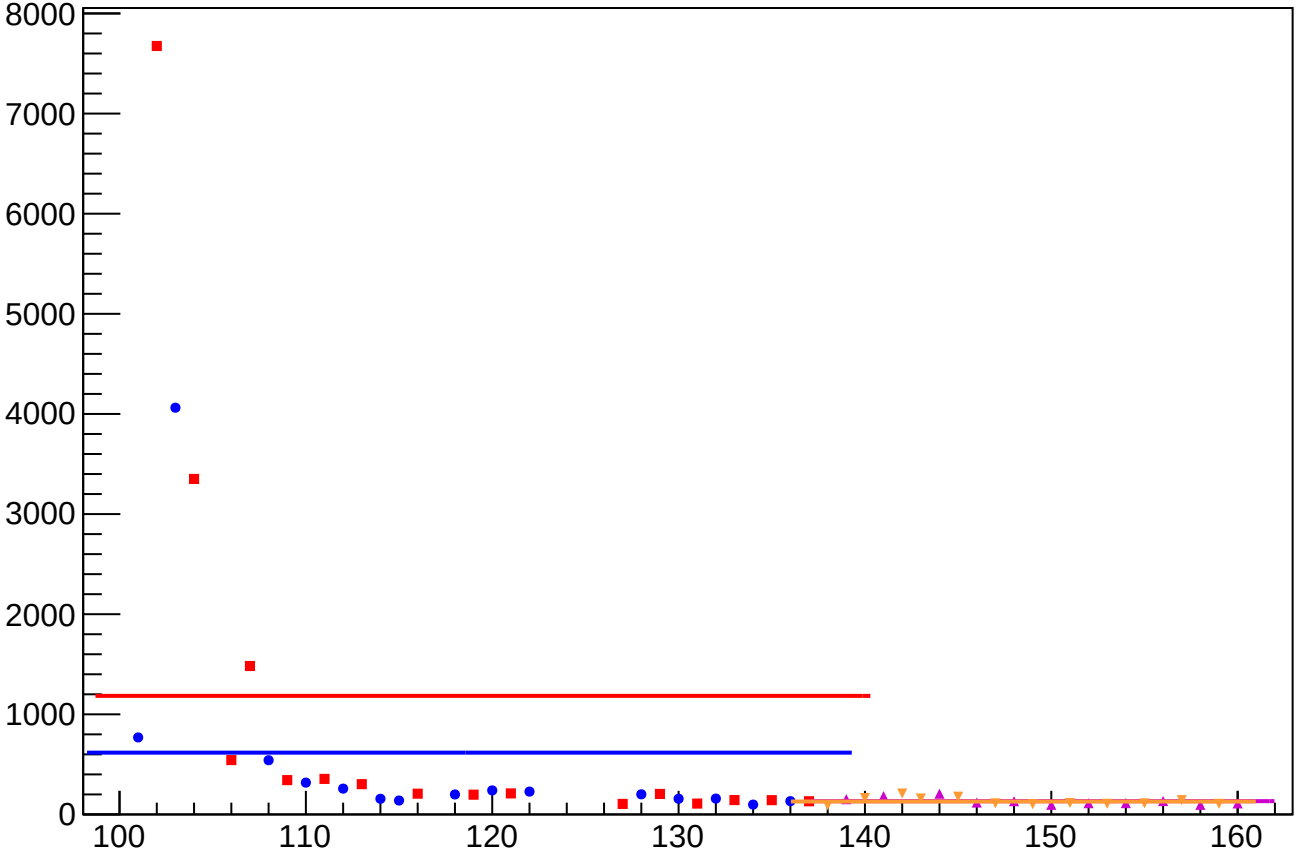
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 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



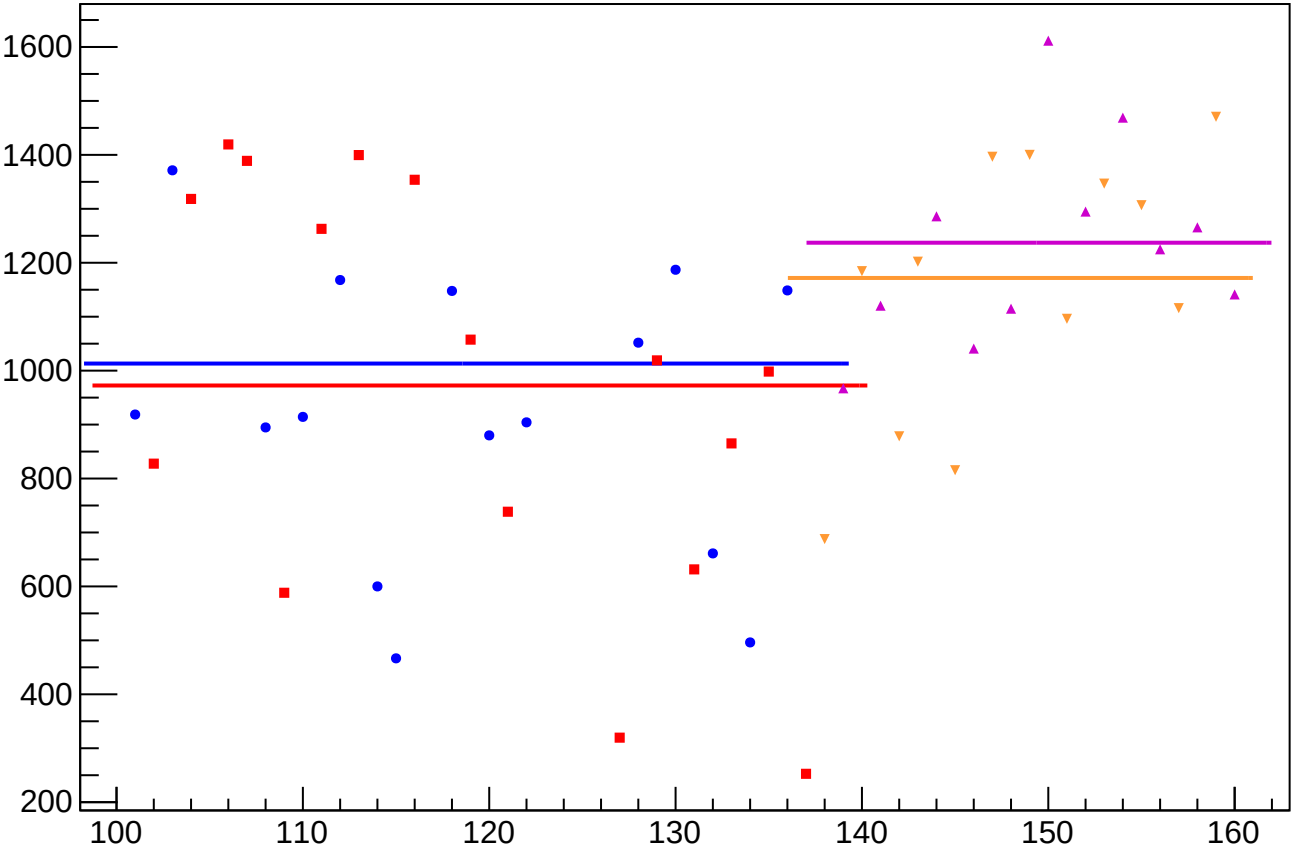
Right In: 1729.013+/-0.000 χ^2/NDF: 641312129727334740807562411650796486656 0.0/14
+ sign 1058.360+/-0.000 χ^2/NDF: 69823808255157
Left Out: 582.152+/-0.000 χ^2/NDF:700837726478314861257329897688017141 76.0/11
All: 1019.669+/-0.000 χ^2/NDF: 1362193289 5
Right Out: 1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617 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



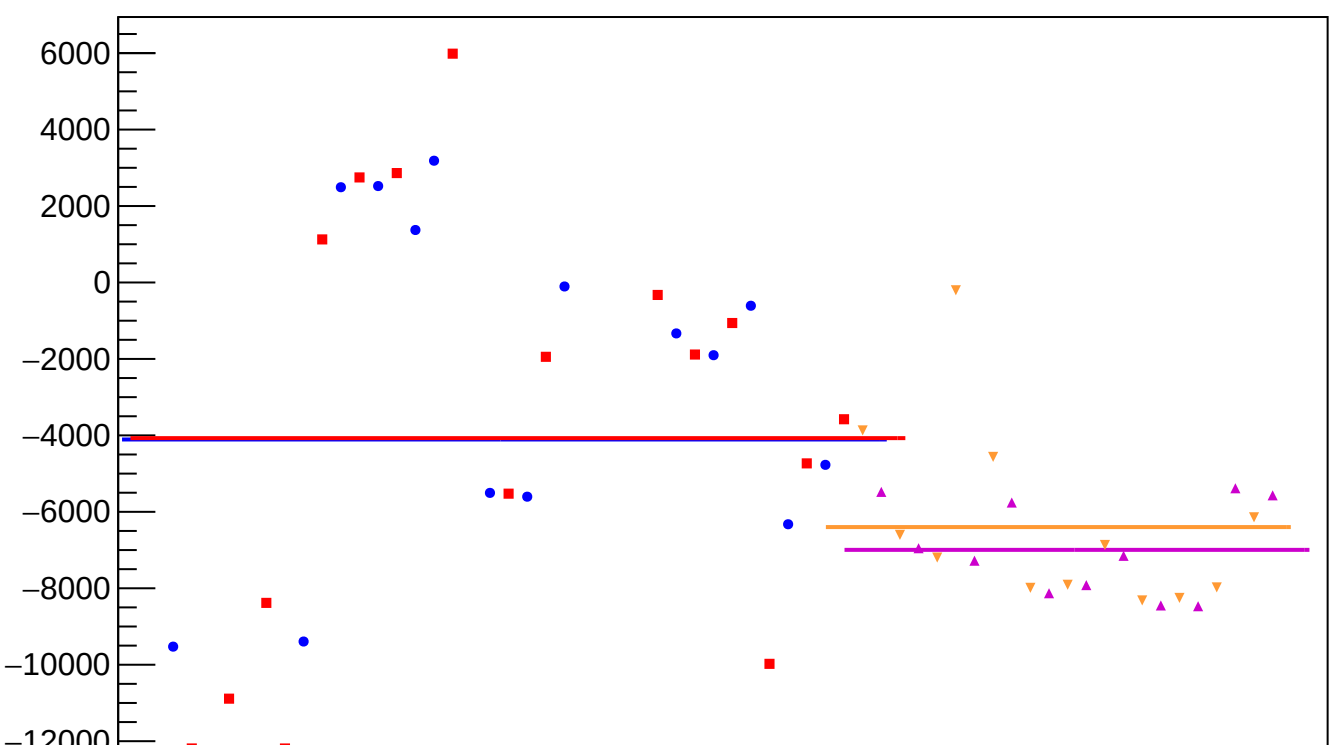
Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14
+ sign 331.972+/-0.000 χ^2/NDF: 883734584018434
Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11
All: 453.895+/-0.000 χ^2/NDF: 45265690321 2
Right Out: 1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15
- 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

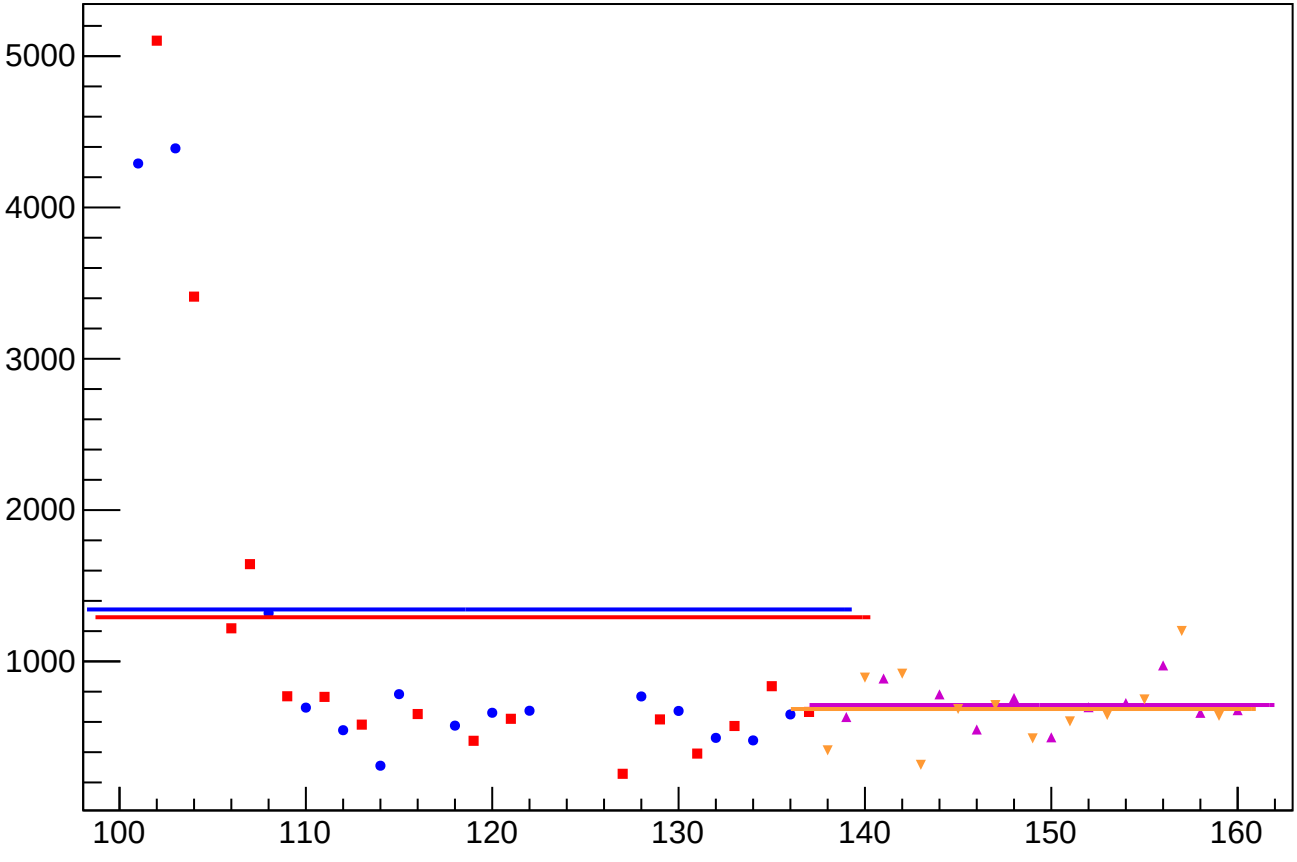
Left In: -6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

+ 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

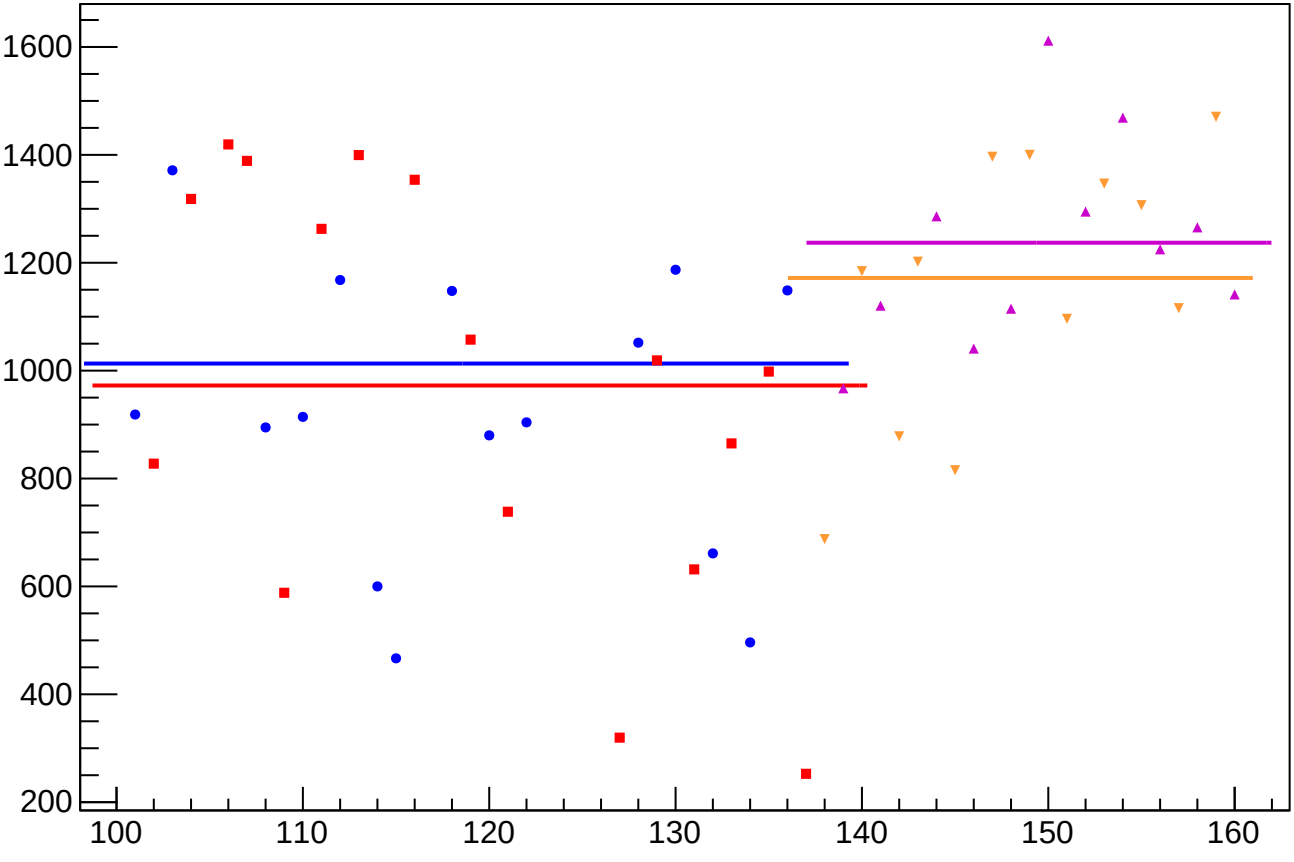
All: 956.706+/-0.000 χ^2/NDF: 299793196976

Right Out: 1291.796+/-0.000 χ^2/NDF: 13235689170088729779059600115869910302 72.0/15

- sign 954.911+/-0.000 χ^2/NDF: 146978575897924

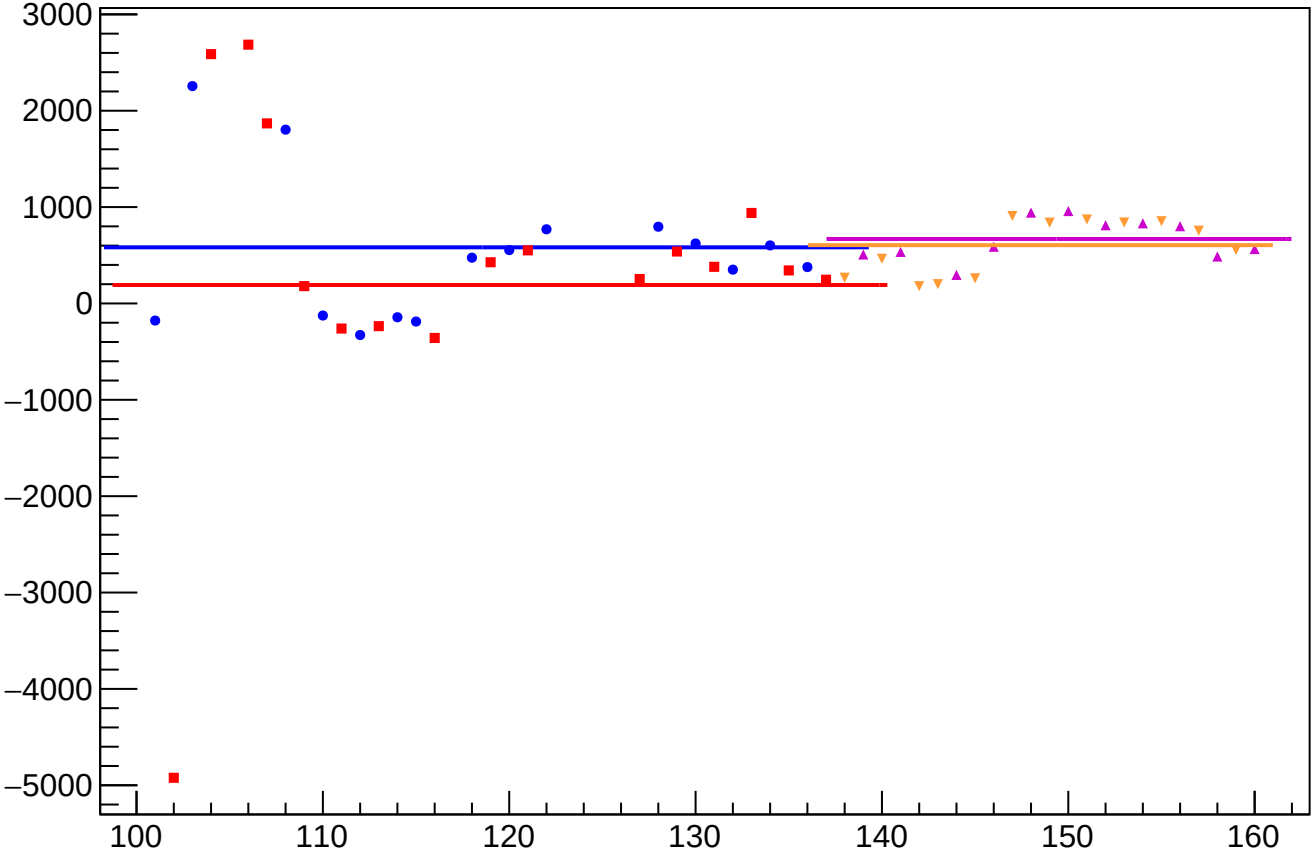
Left In: 711.726+/-0.000 χ^2/NDF:158734199795832073070684292470171238 40.0/10

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

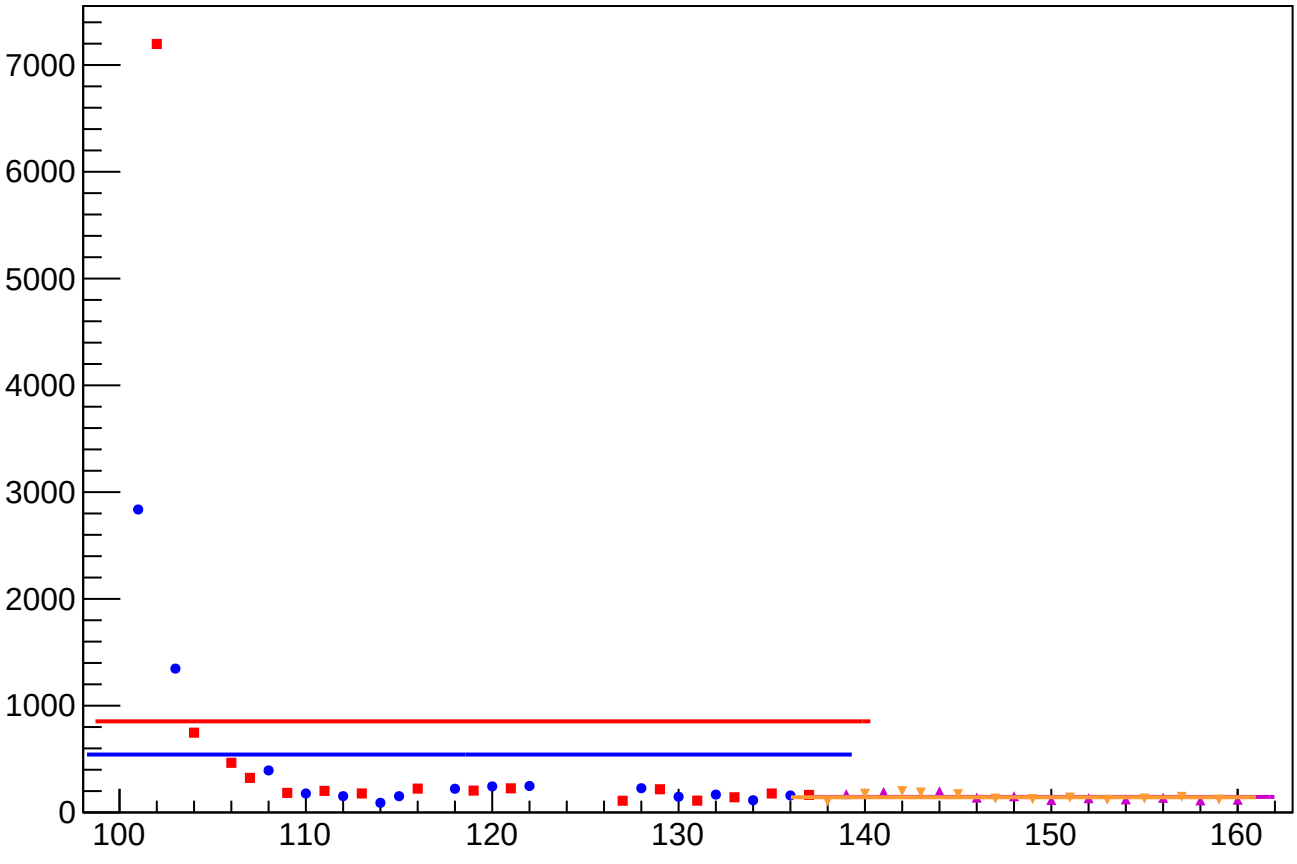
All: 531.737+/-0.000 χ^2/NDF: 27161550392 5

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

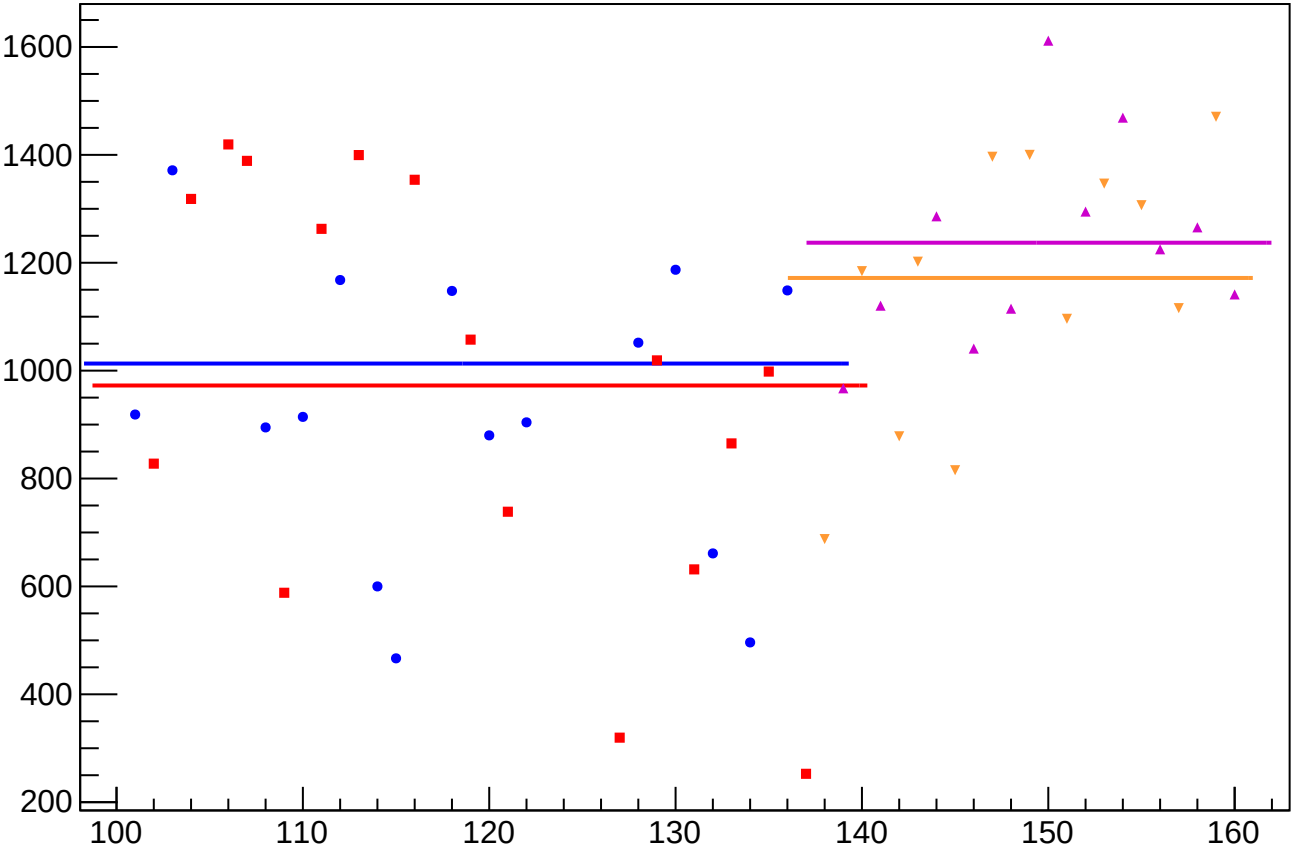
All: 375.901+/-0.000 χ^2/NDF: 325877888055

Right Out: 853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15

- sign 442.194+/-0.000 χ^2/NDF: 276887014570090

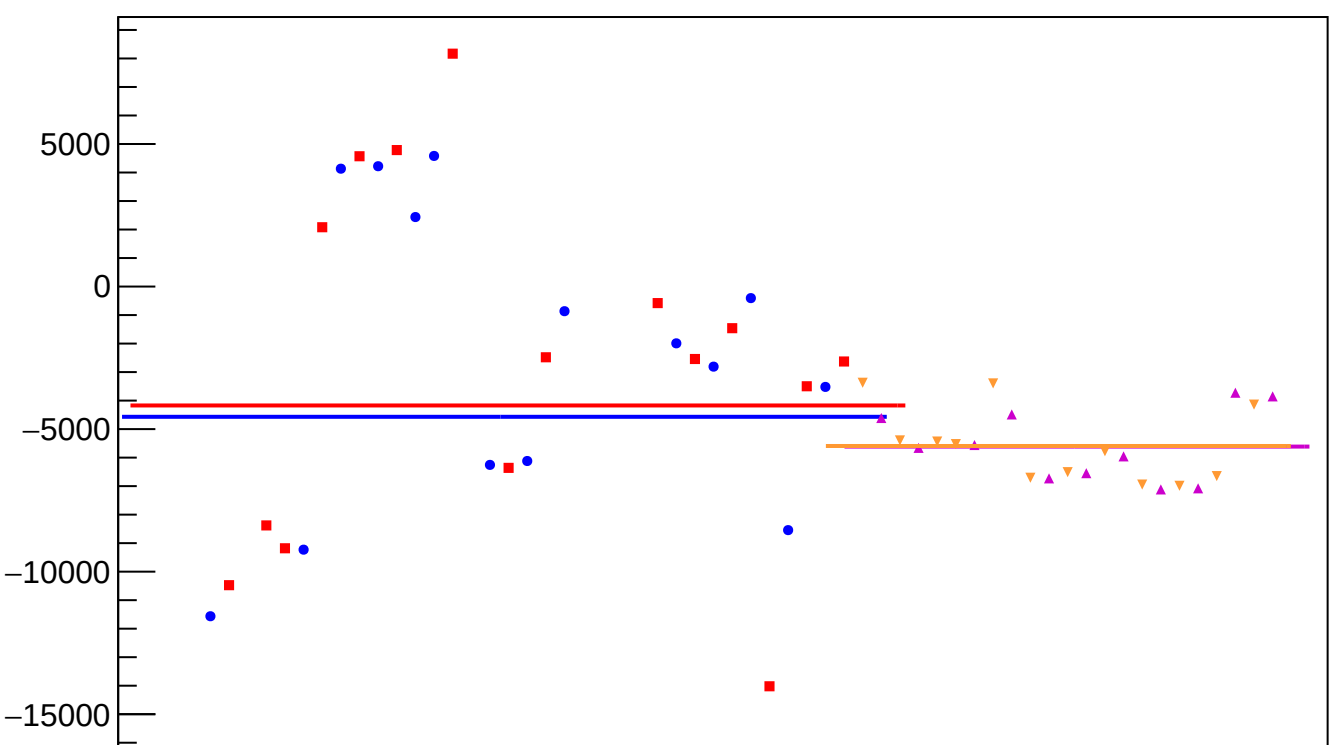
Left In: 145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

dit_atr1_coil6_Ndata_mean vs Slug



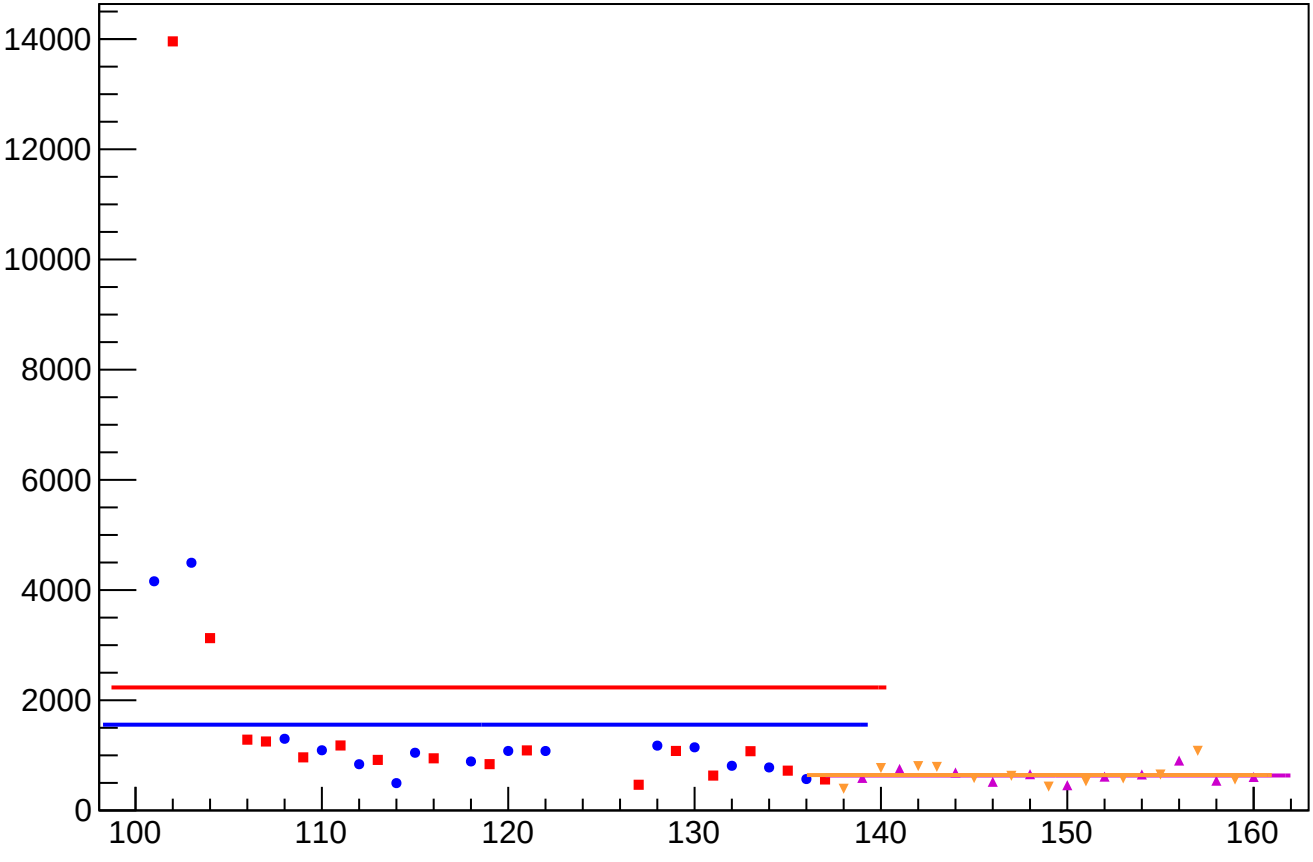
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 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



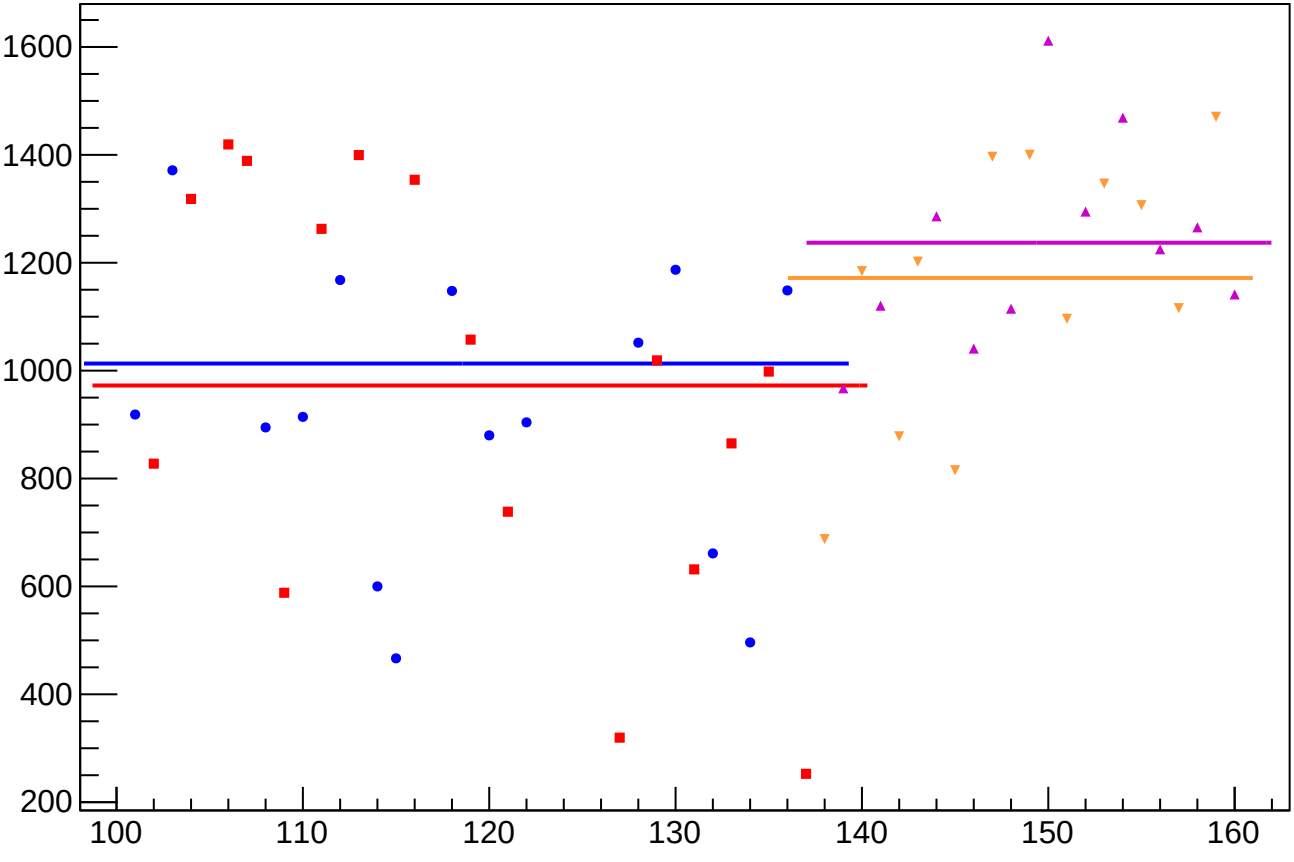
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
+ sign -5167.140+/-0.000 χ^2/NDF: 2609556026190
Left Out: -5592.357+/-0.000 χ^2/NDF:1502507998590915650067934753088681803776.0/11
All: -5087.057+/-0.000 χ^2/NDF: 5916065819
Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302 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

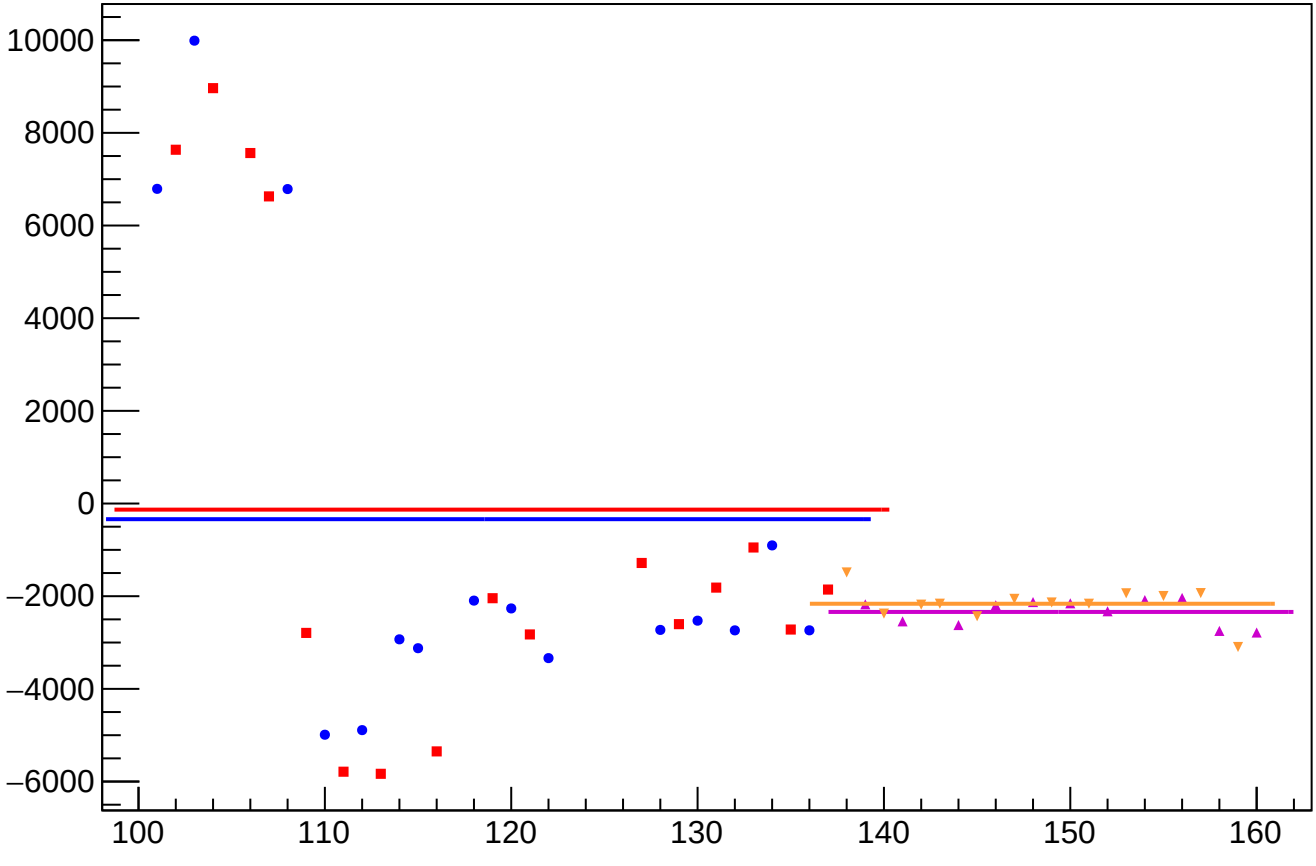
Left In: 1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

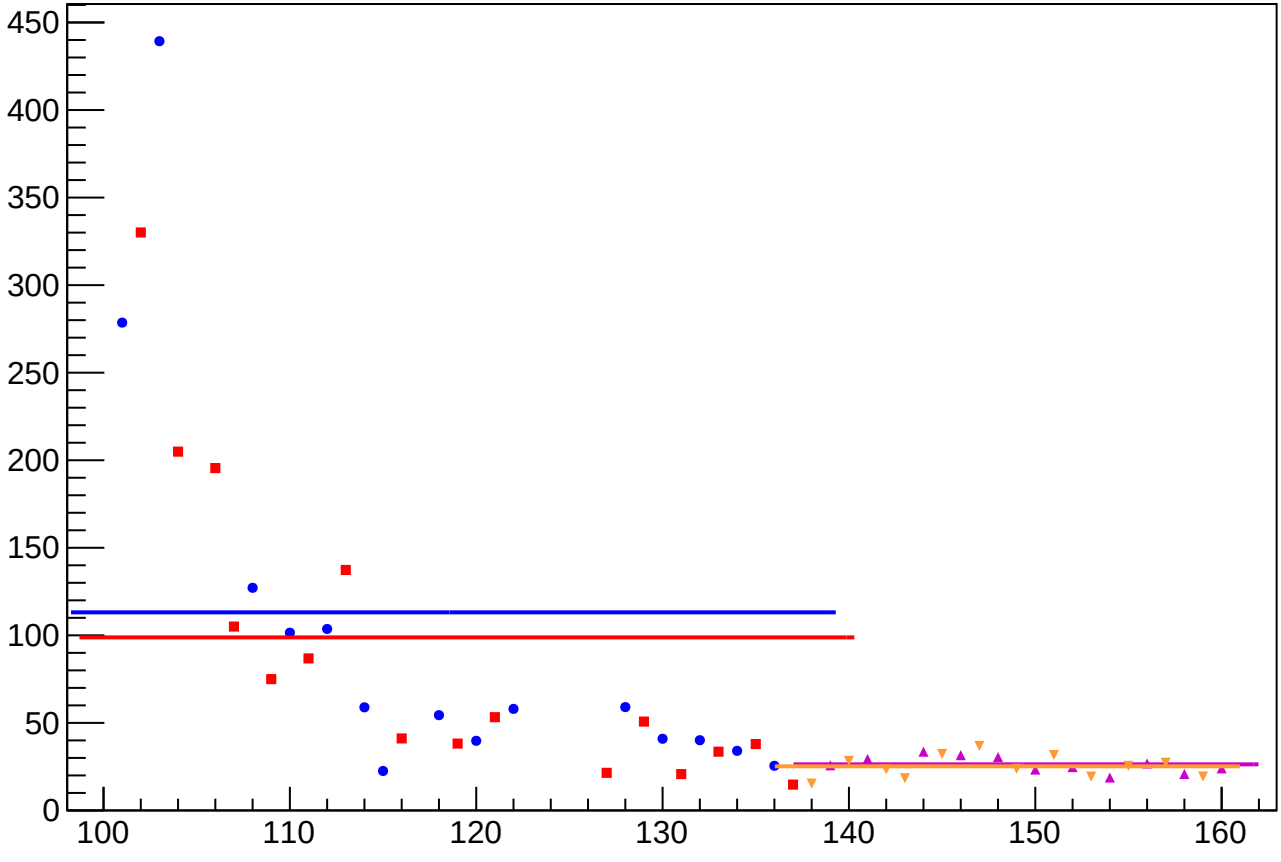
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

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

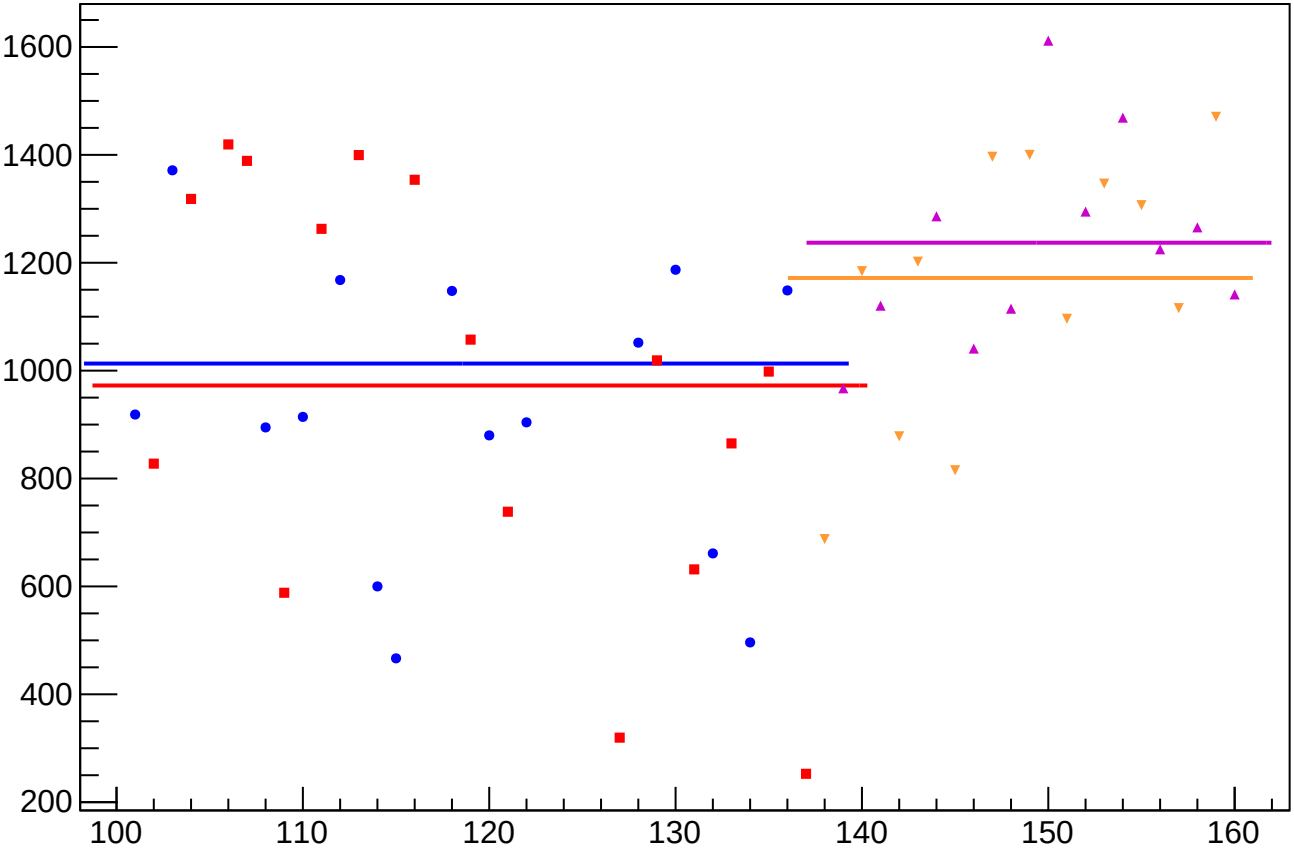
All: 59.198+/-0.000 χ^2/NDF: 205436551836 9

Right Out: 98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

- sign 56.726+/-0.000 χ^2/NDF: 7564771732797838

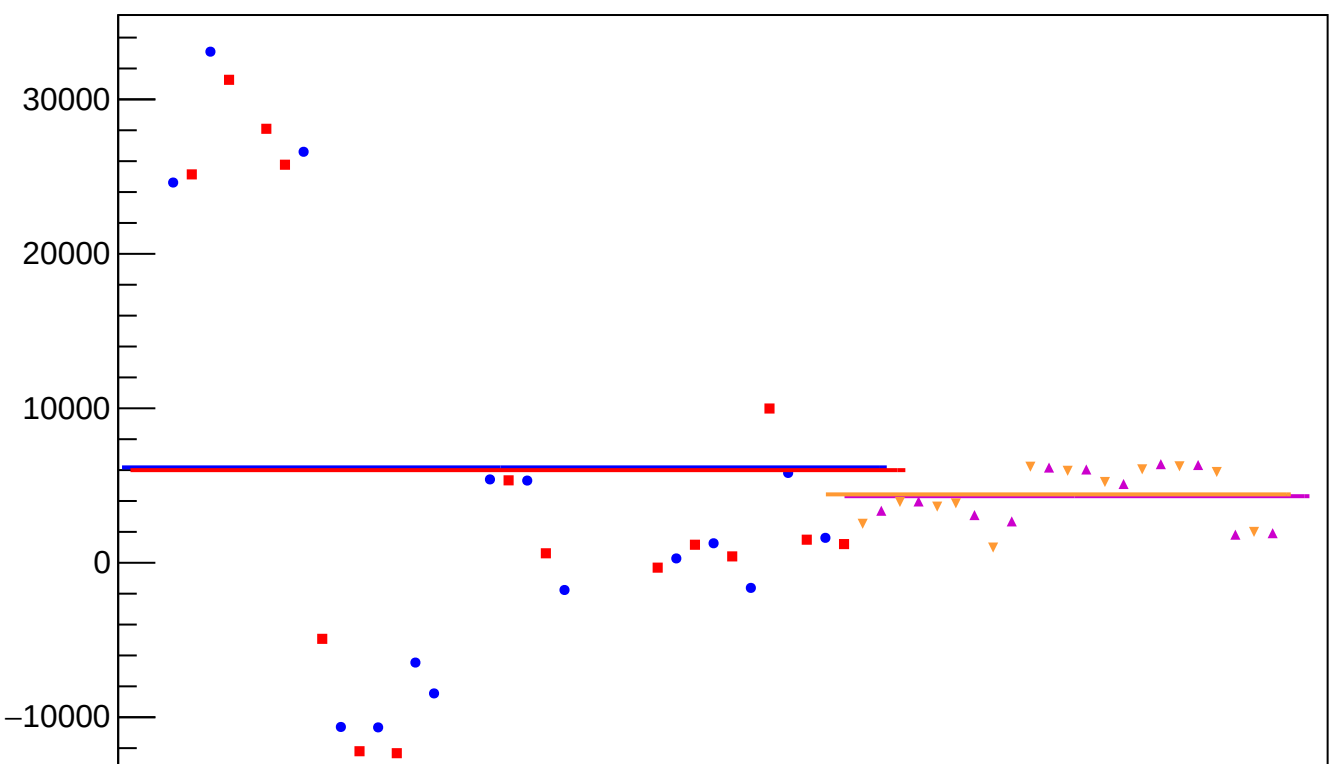
Left In: 26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

dit_sam1_coil6_Ndata_mean vs Slug



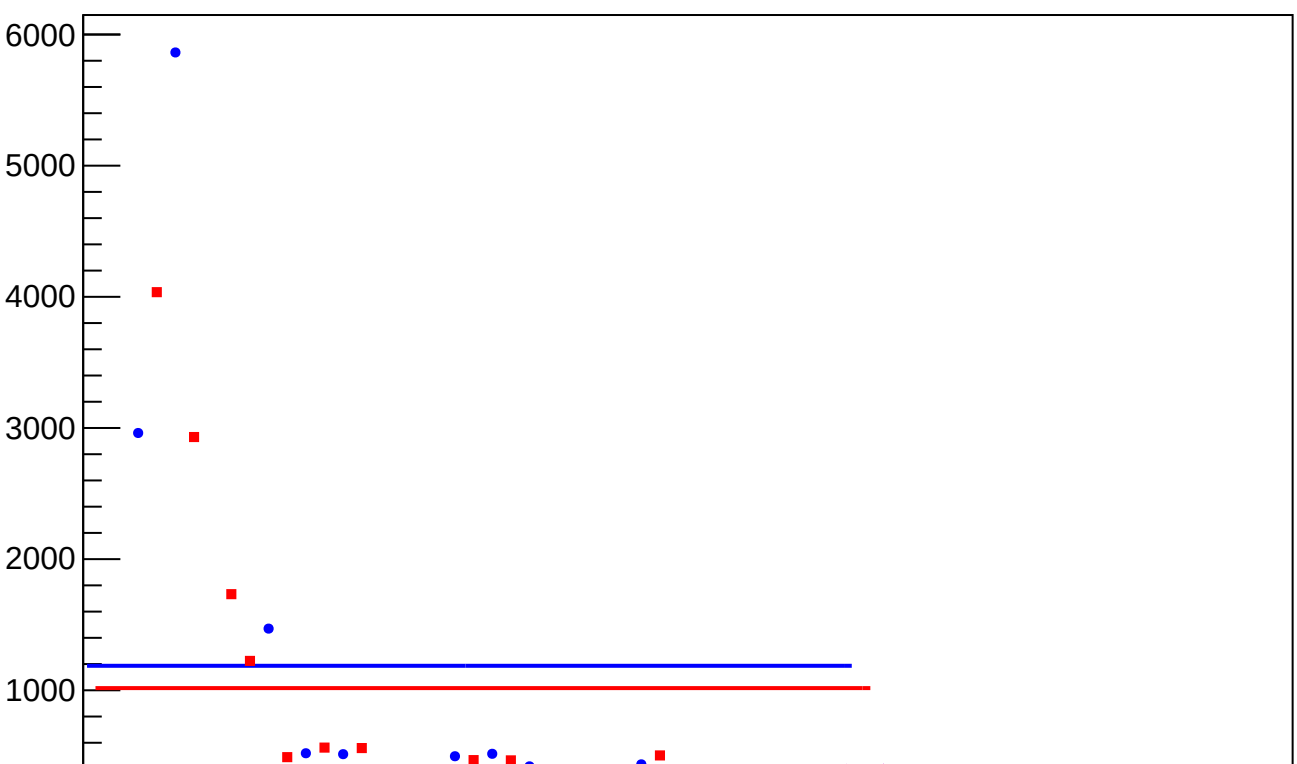
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 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

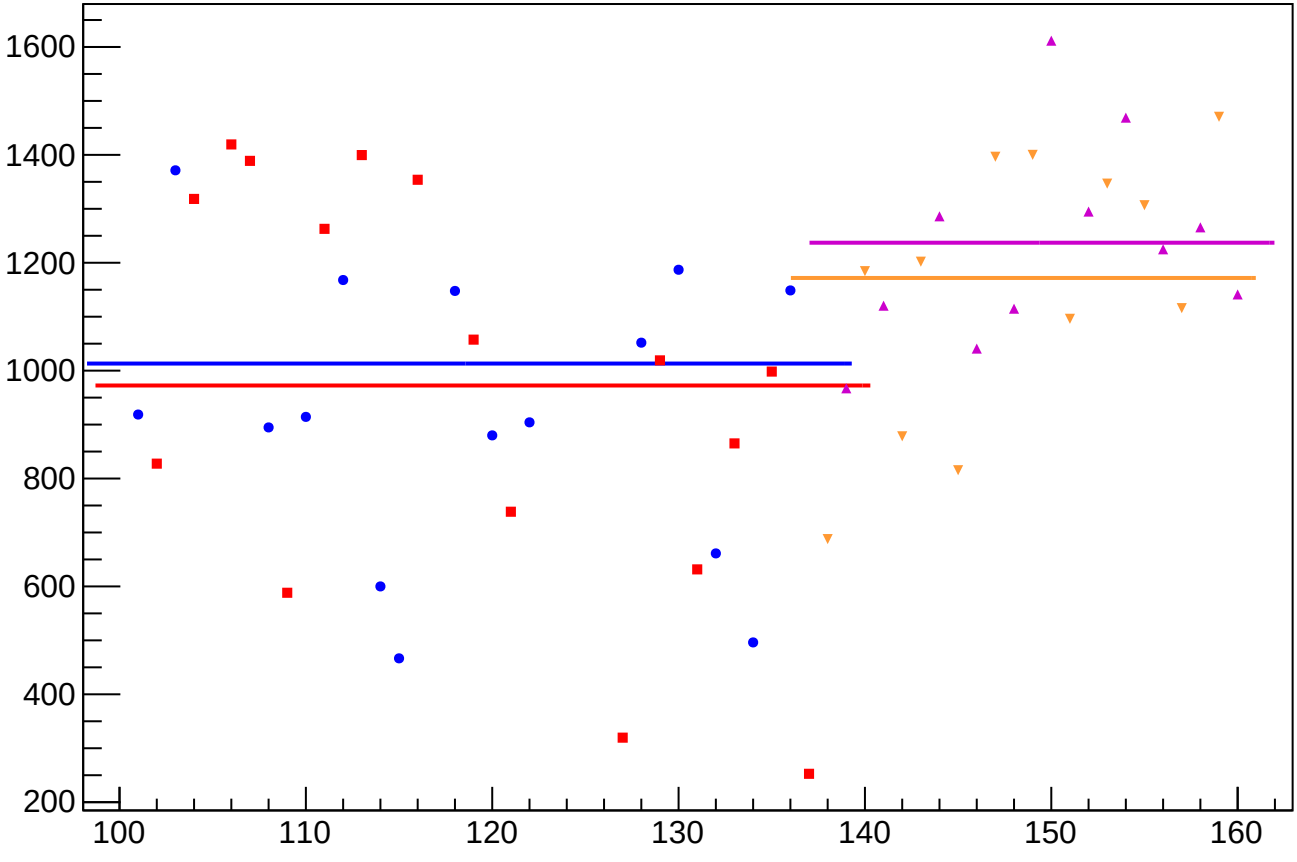
All: 612.442+/-0.000 χ^2/NDF: 328051716192

Right Out: 1016.732+/-0.000 χ^2/NDF: 927646003466094249558391691024825057280.0/15

- sign 582.179+/-0.000 χ^2/NDF: 115037612749111

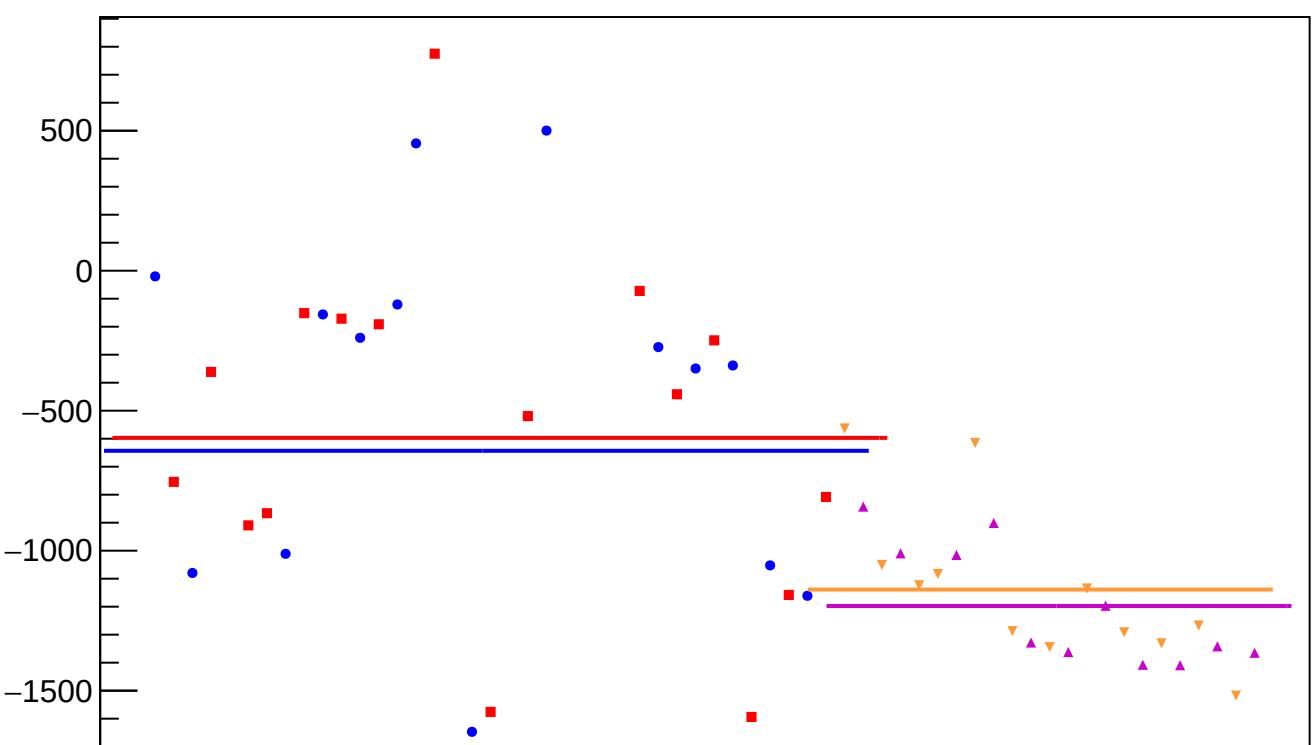
Left In: 268.493+/-0.000 χ^2/NDF:585573497570654782355660796638684774 4.0/10

dit_sam2_coil6_Ndata_mean vs Slug



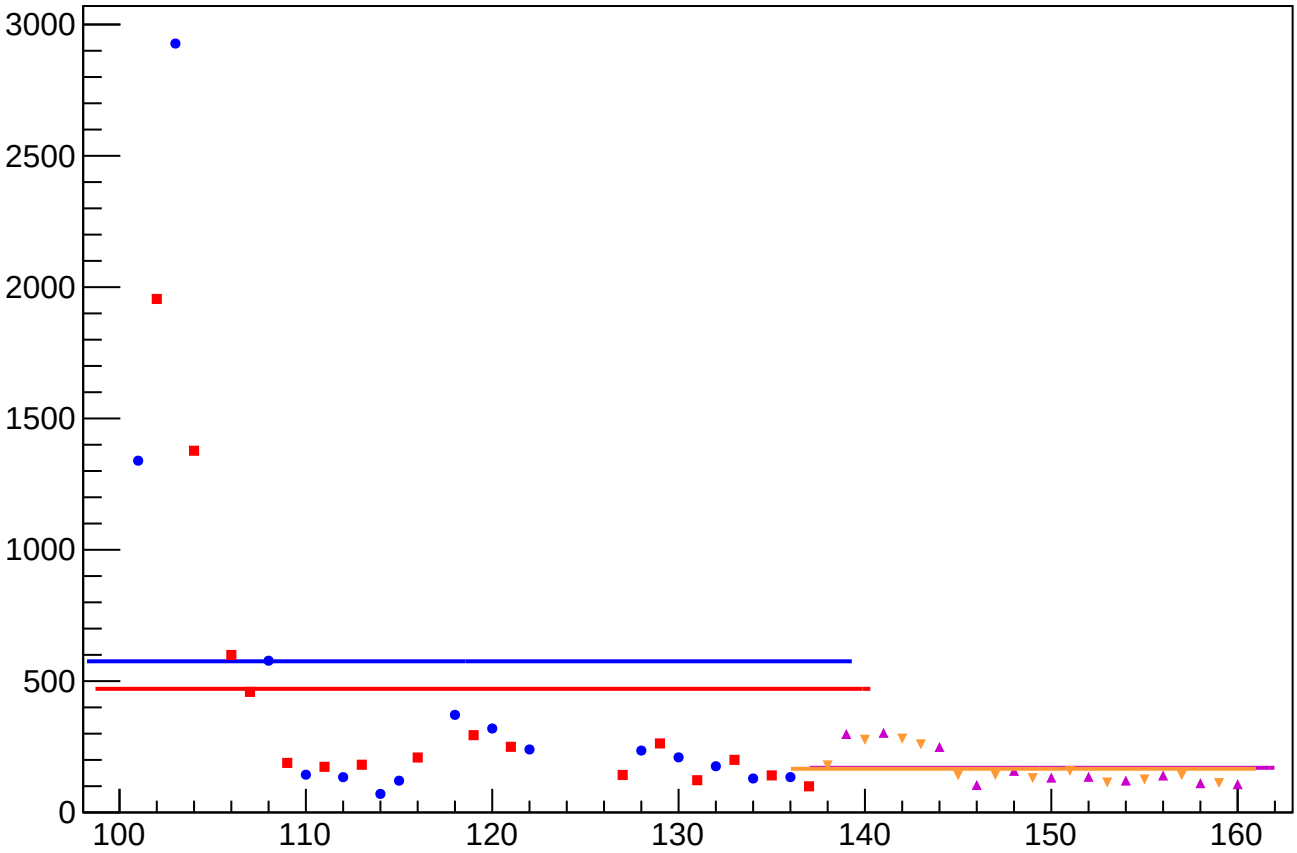
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 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

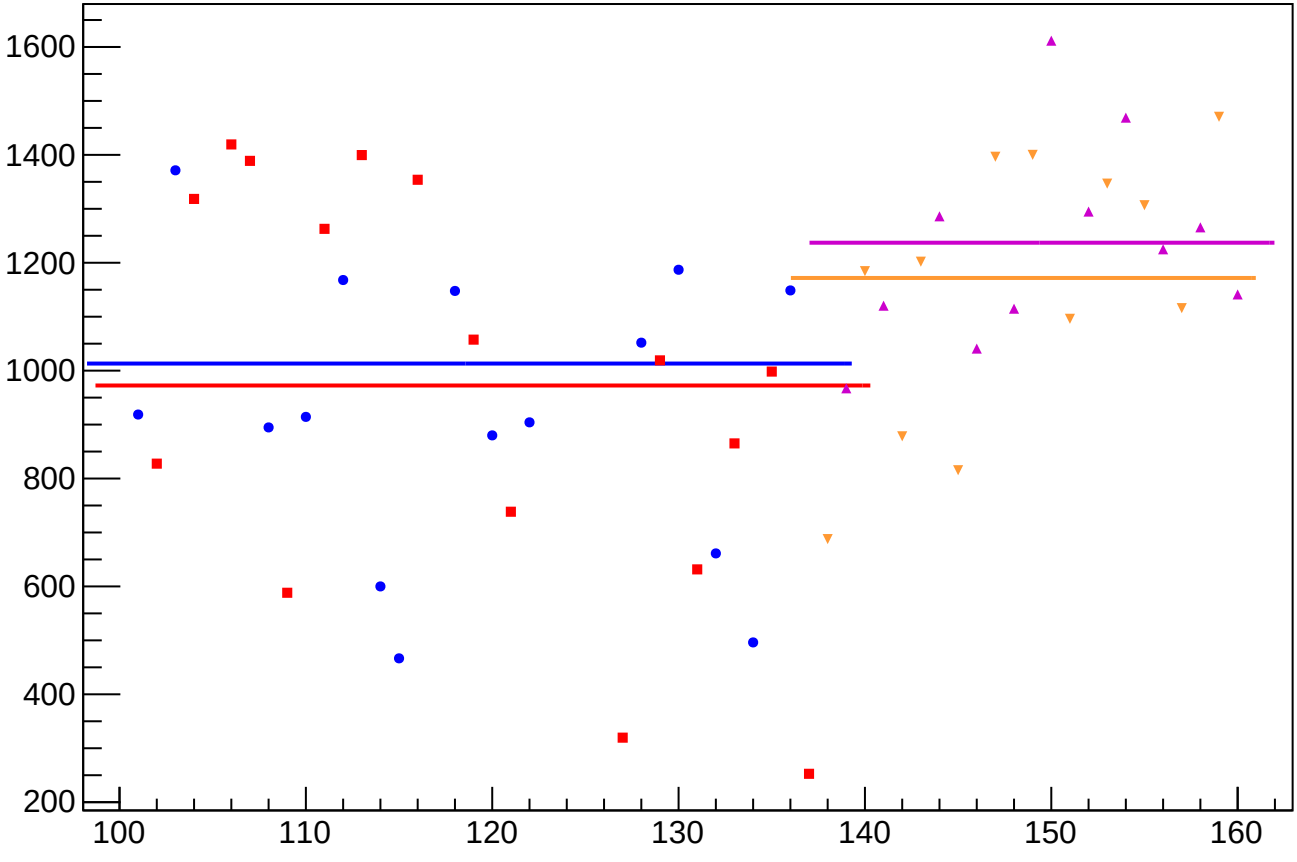
Left In: 170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10

+ 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

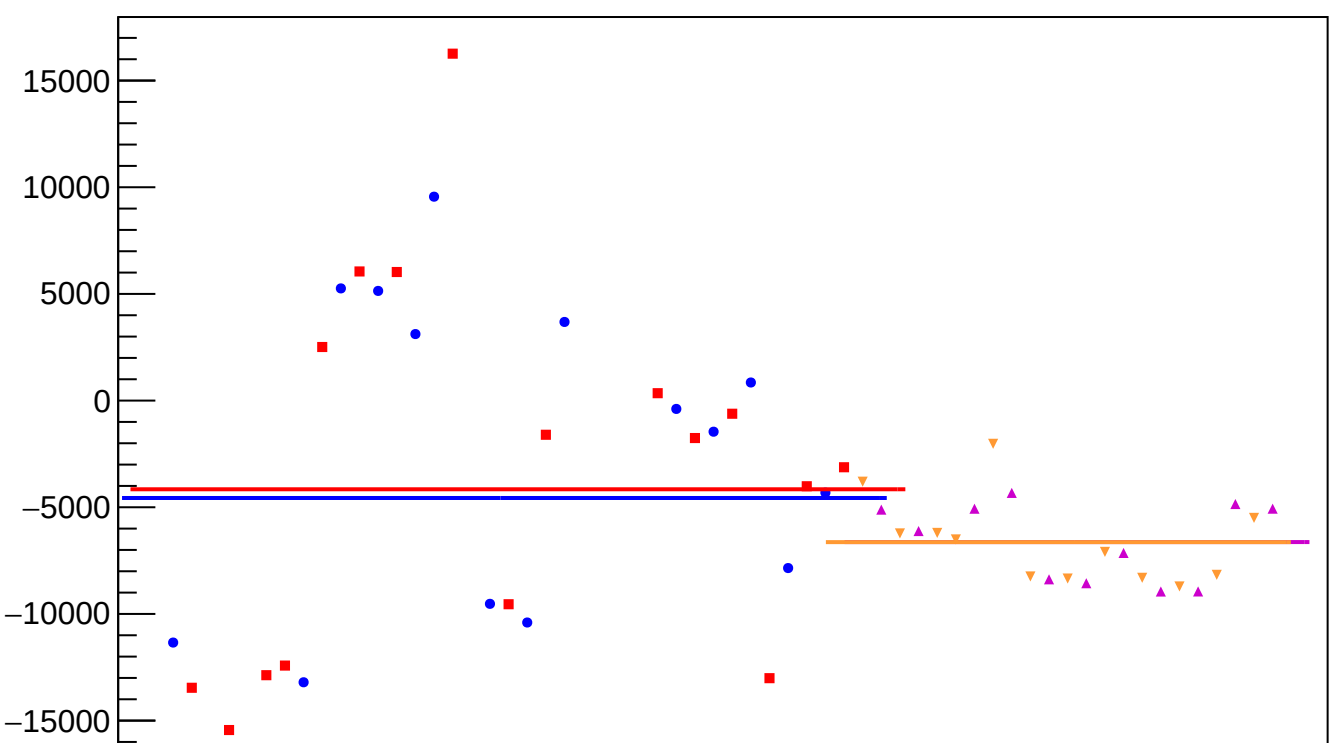
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ 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

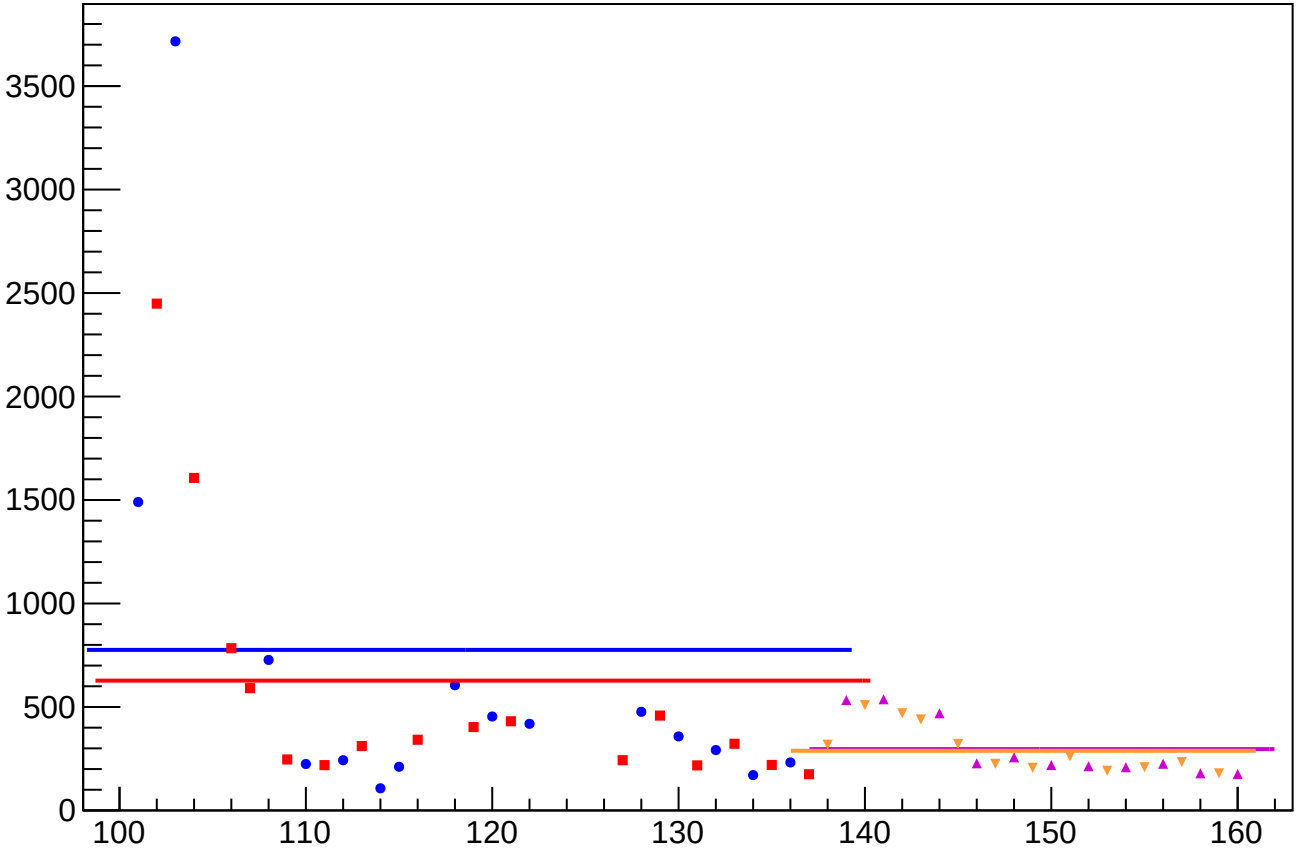
Left In: -6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10

+ 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

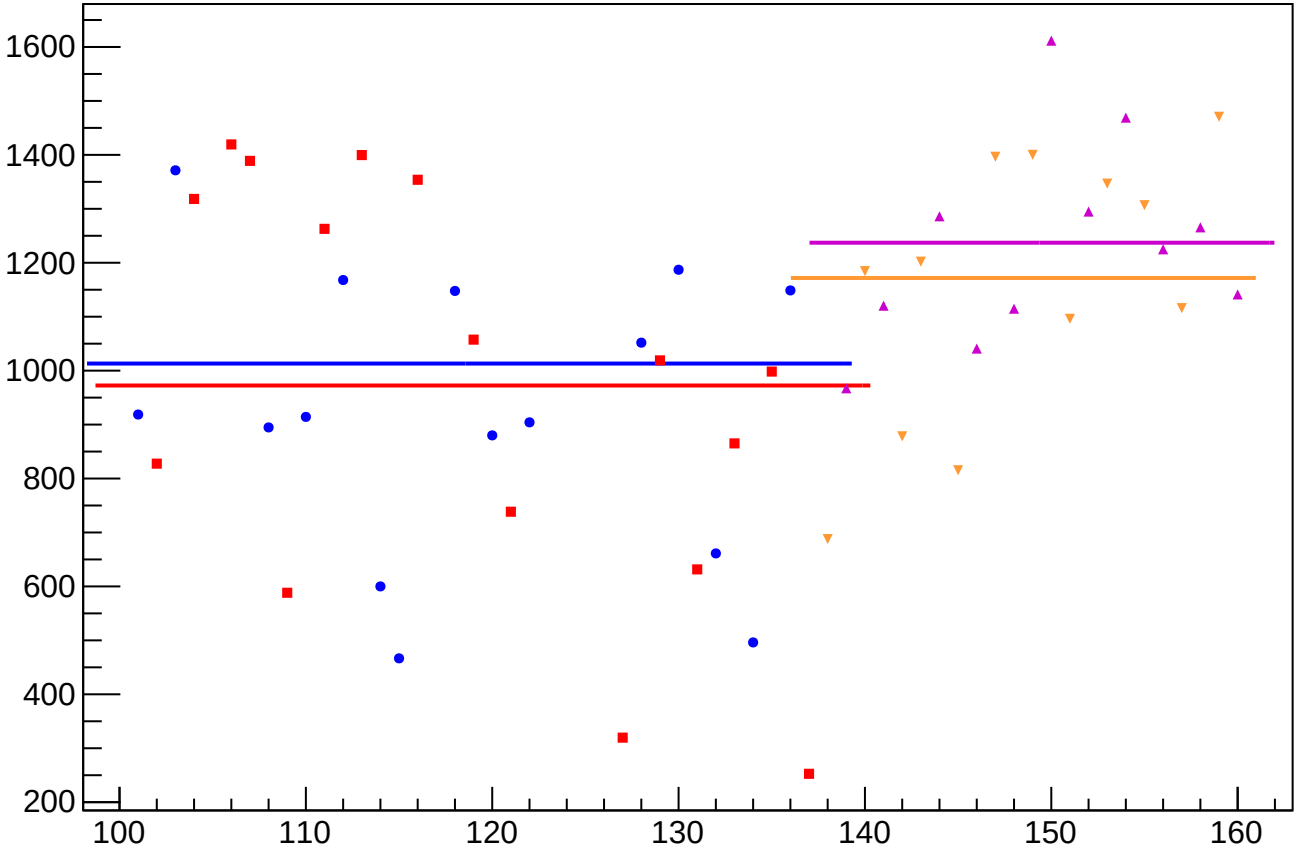
Left In: 296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

+ sign 490.690+/-0.000 χ^2/NDF: 74269533494512 1

All: 462.697+/-0.000 χ^2/NDF: 11020925146 8

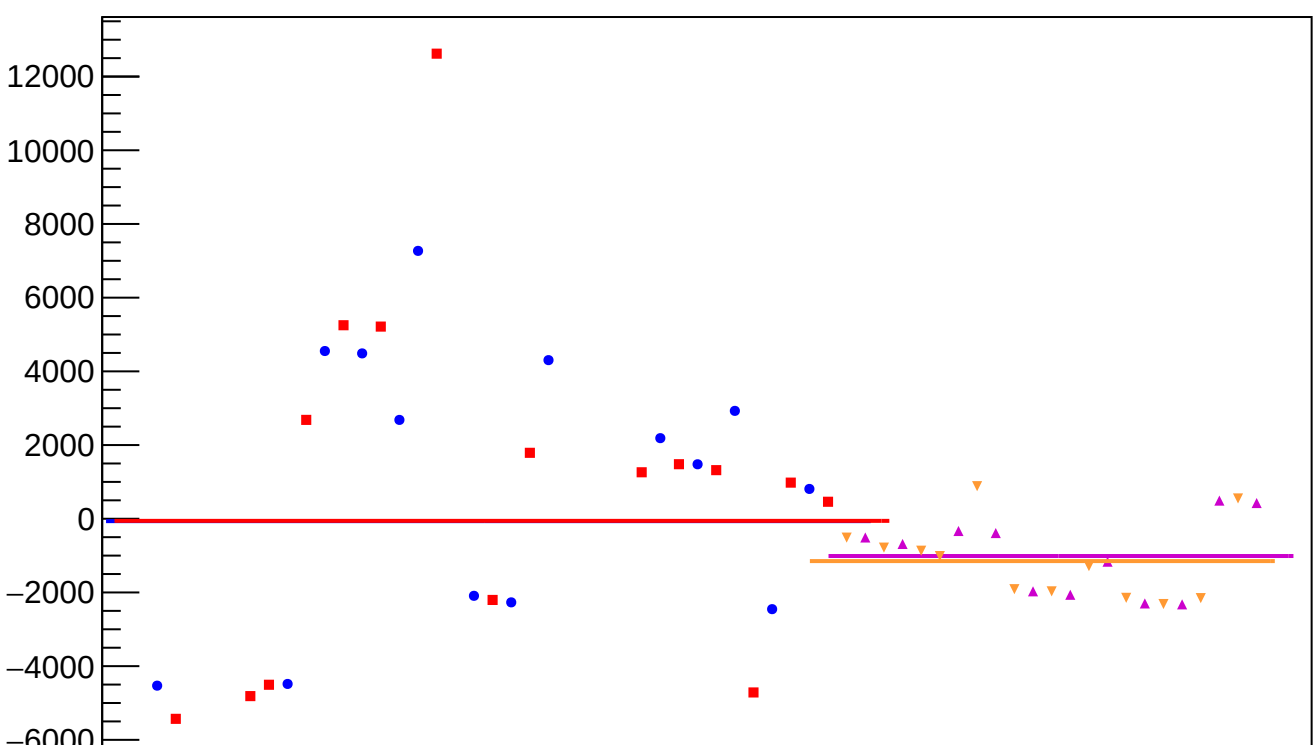
- sign 435.197+/-0.000 χ^2/NDF: 356969187717050

dit_sam4_coil6_Ndata_mean vs Slug



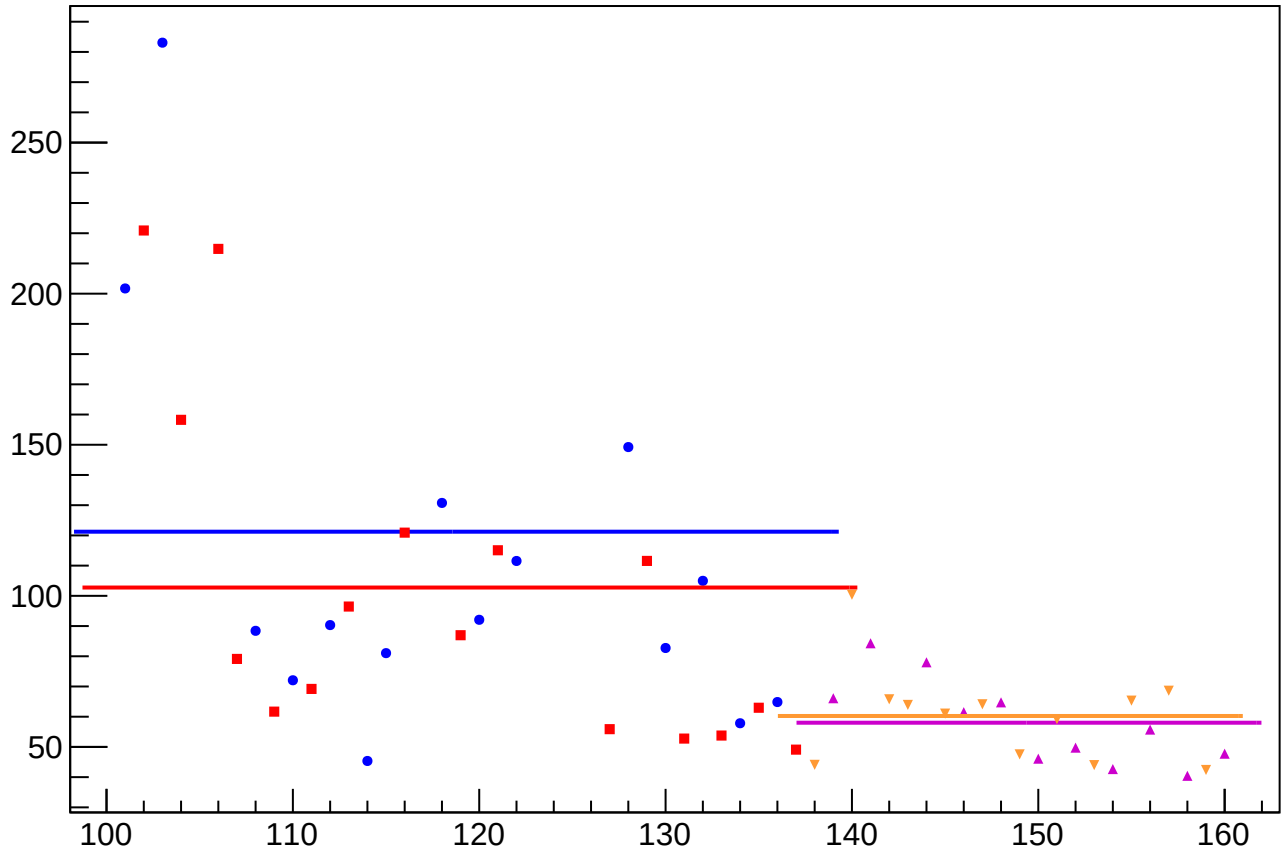
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1
Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11
All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 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

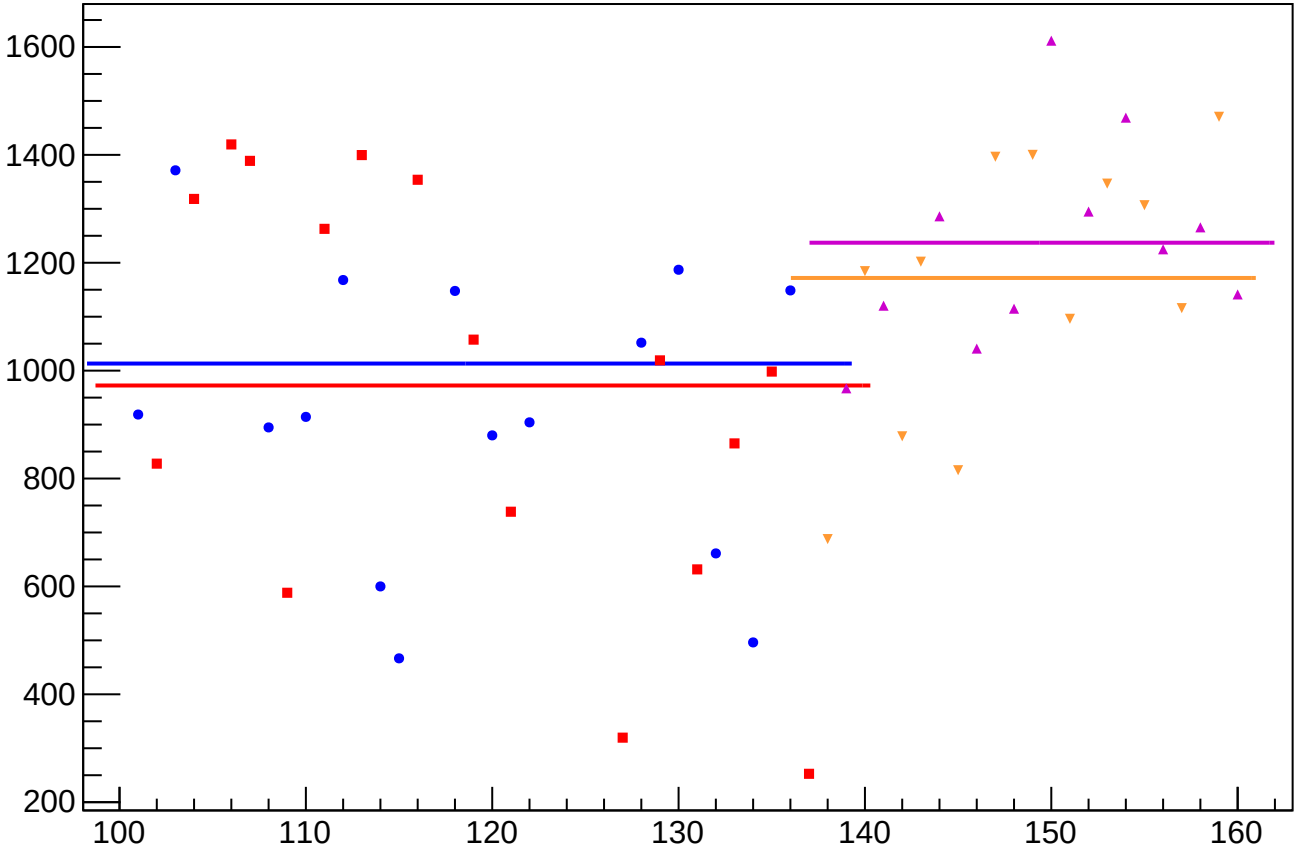
All: 81.126+/-0.000 χ^2/NDF: 734136660562

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

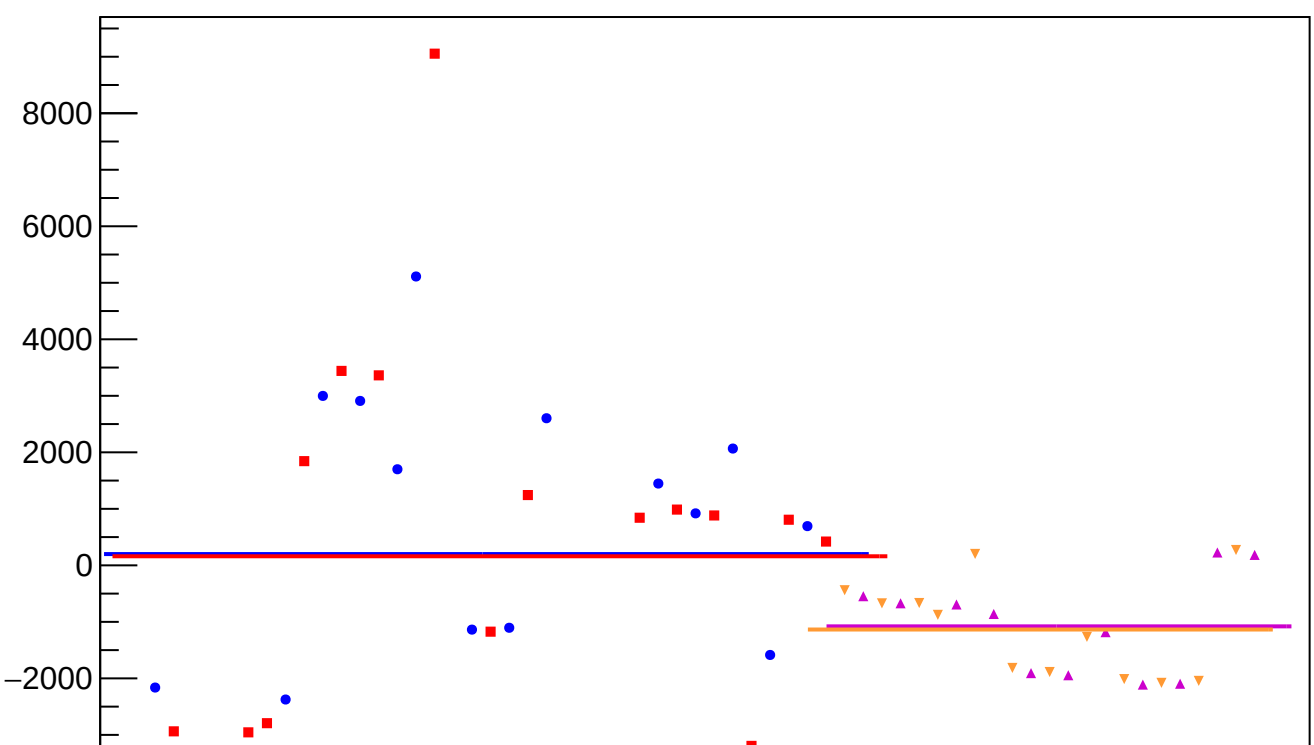
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1105.927+/-0.000 χ^2/NDF: 9369989467344 1

All: 1116.146+/-0.000 χ^2/NDF: 2303700376 3

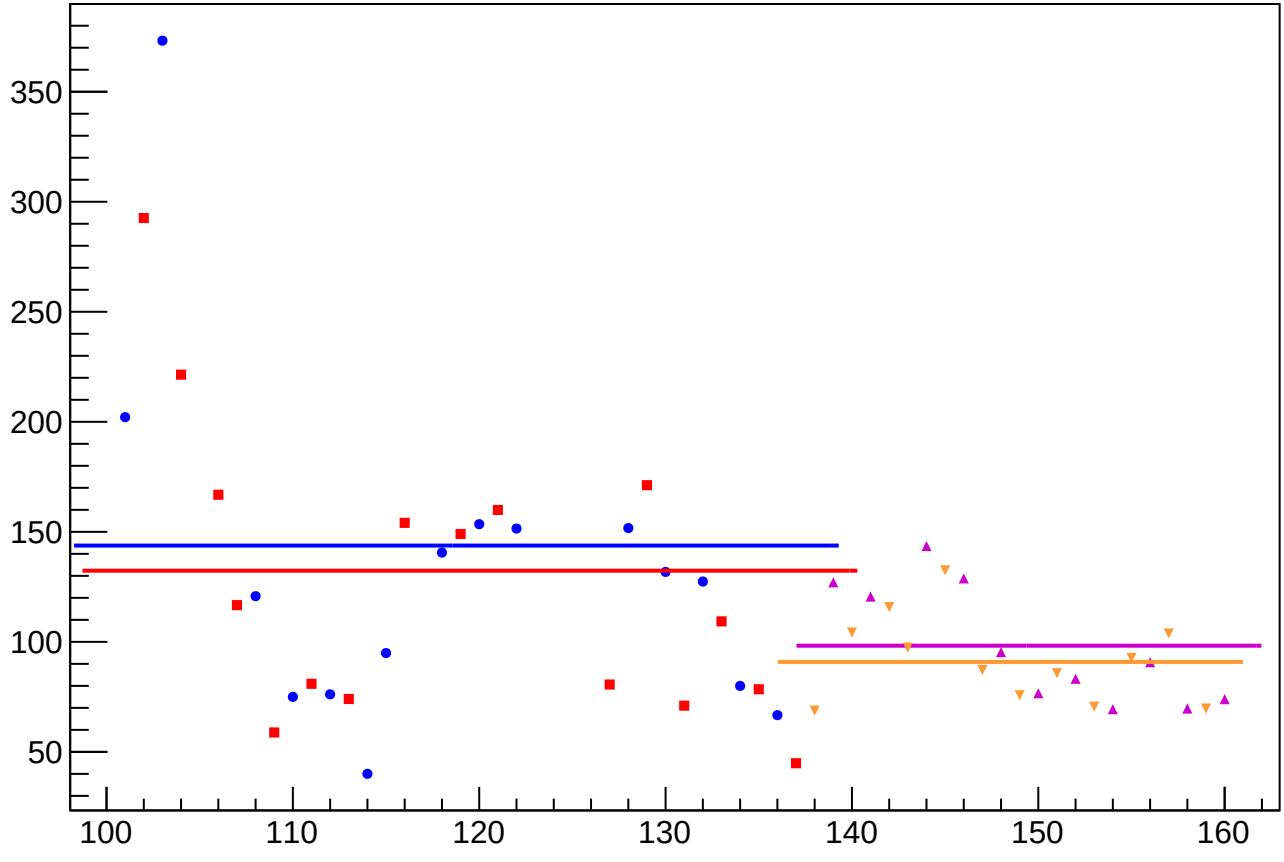
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460

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

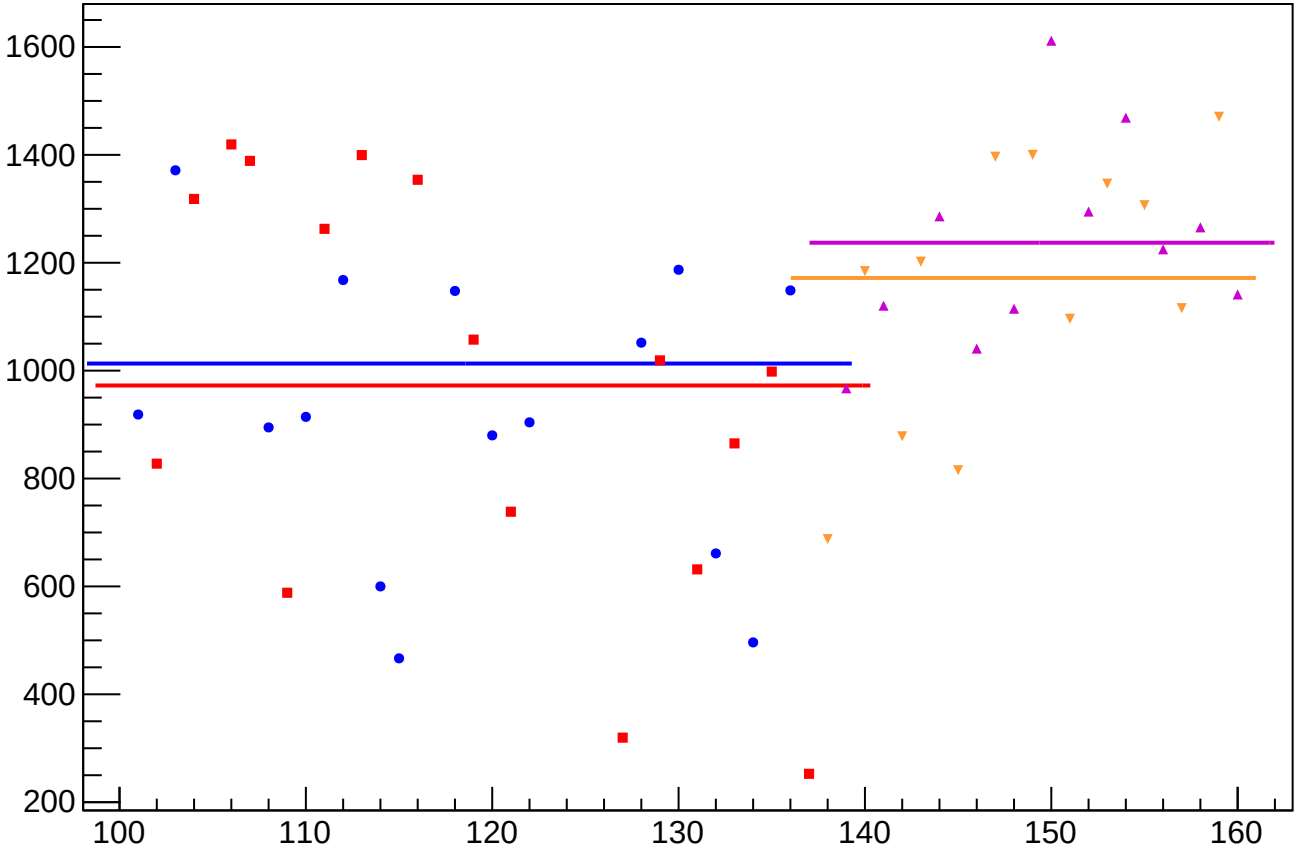
All: 112.691+/-0.000 χ^2/NDF: 10147510778 3

Right Out: 132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

- sign 112.546+/-0.000 χ^2/NDF: 424509210993955

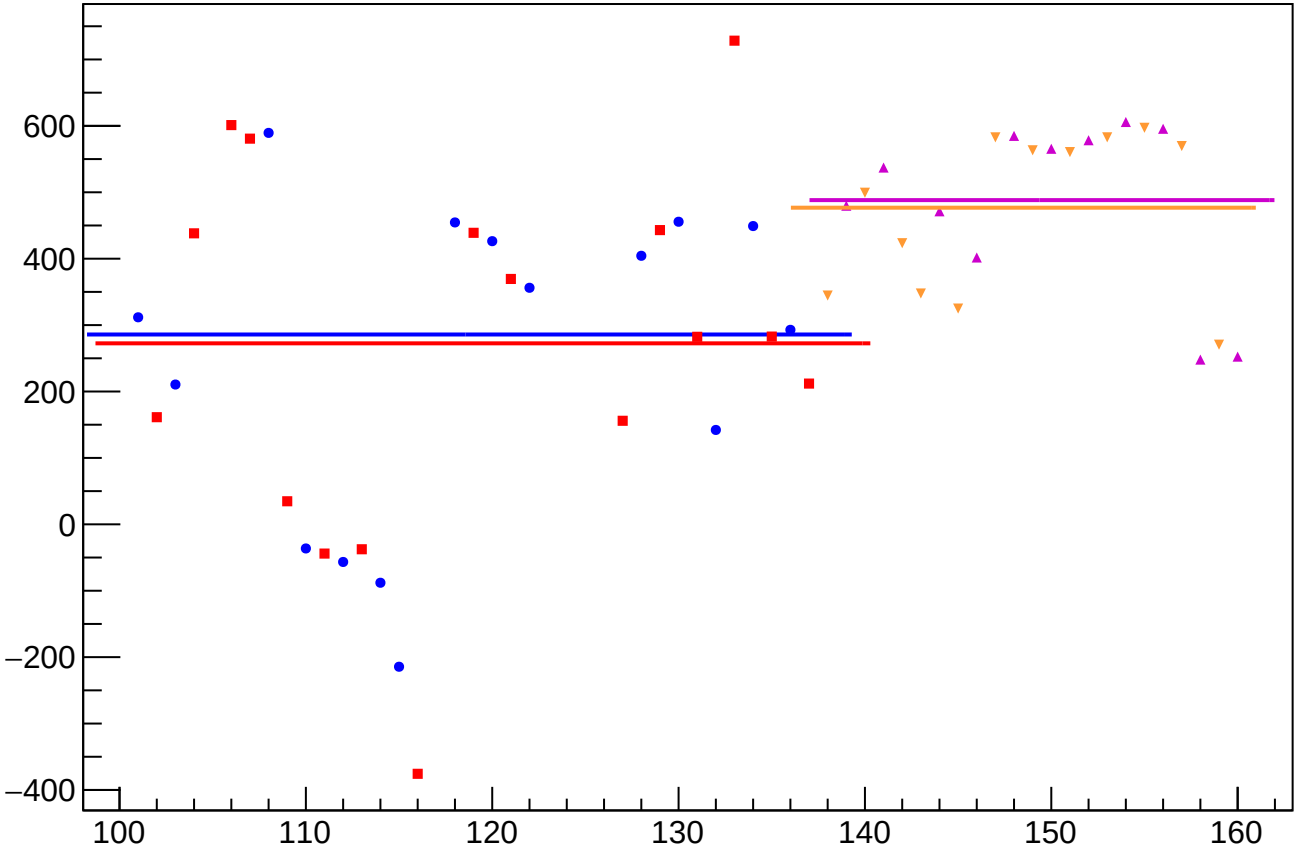
Left In: 98.257+/-0.000 χ^2/NDF:620993776773093393033369428470792192.0/10

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

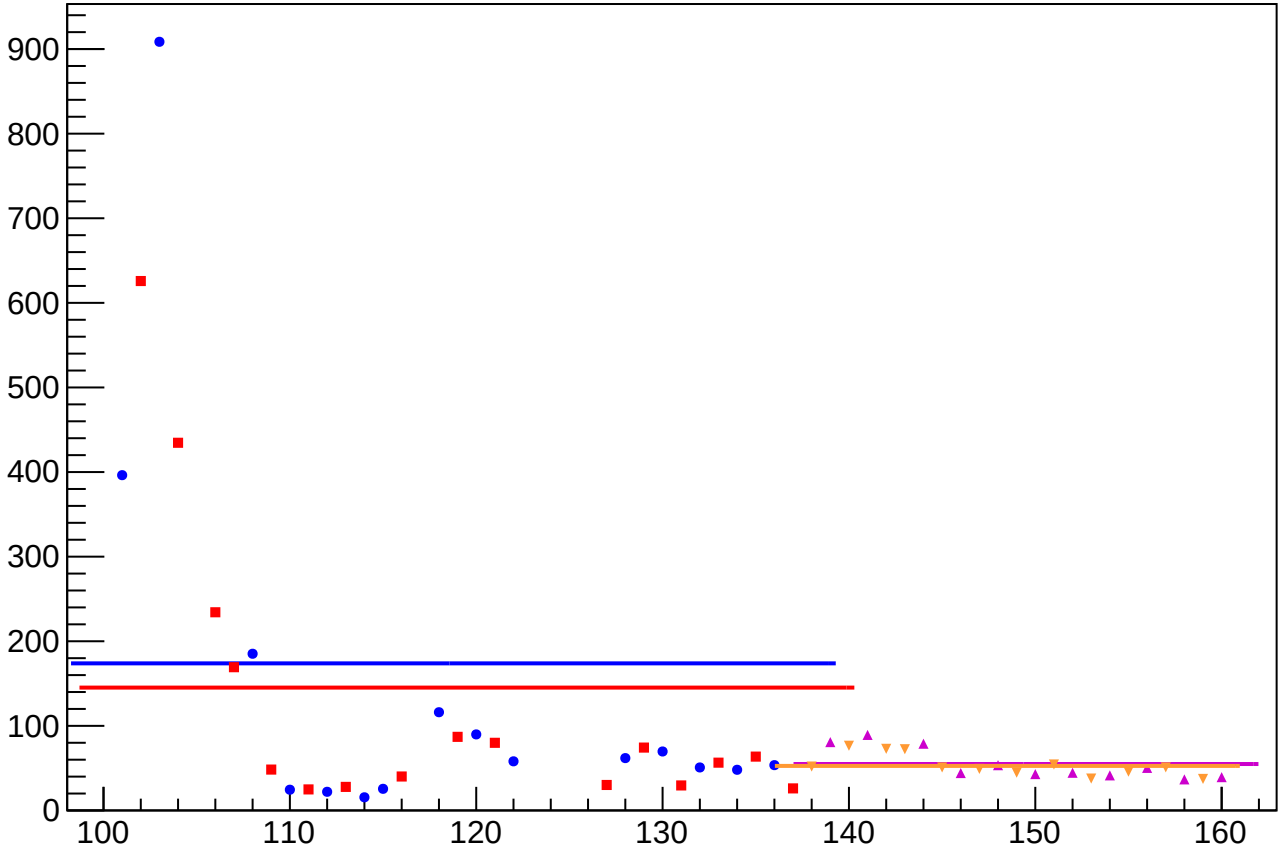
Left In: 488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10

+ 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

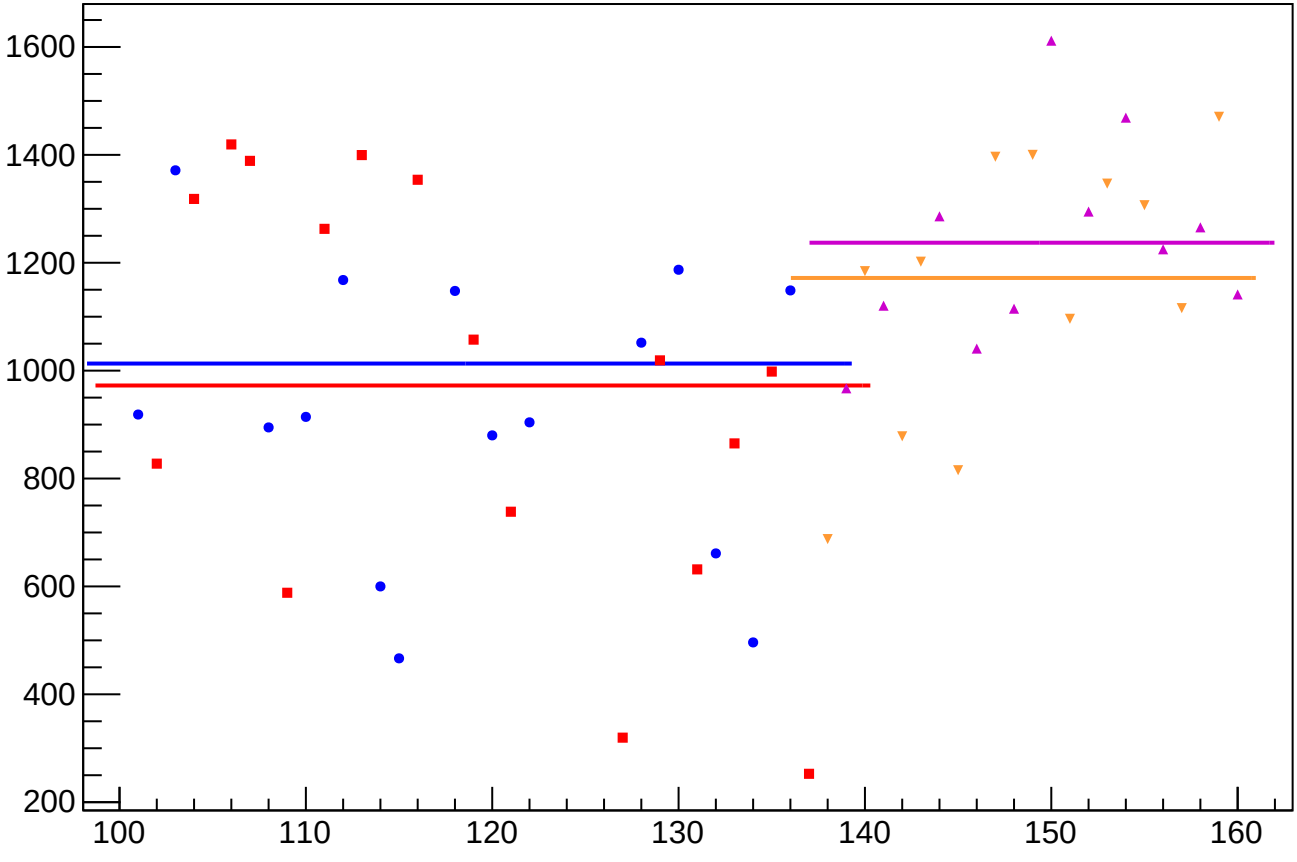
All: 97.830+/-0.000 χ^2/NDF: 7349556913199

Right Out: 145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

- sign 92.763+/-0.000 χ^2/NDF: 2599123168114386

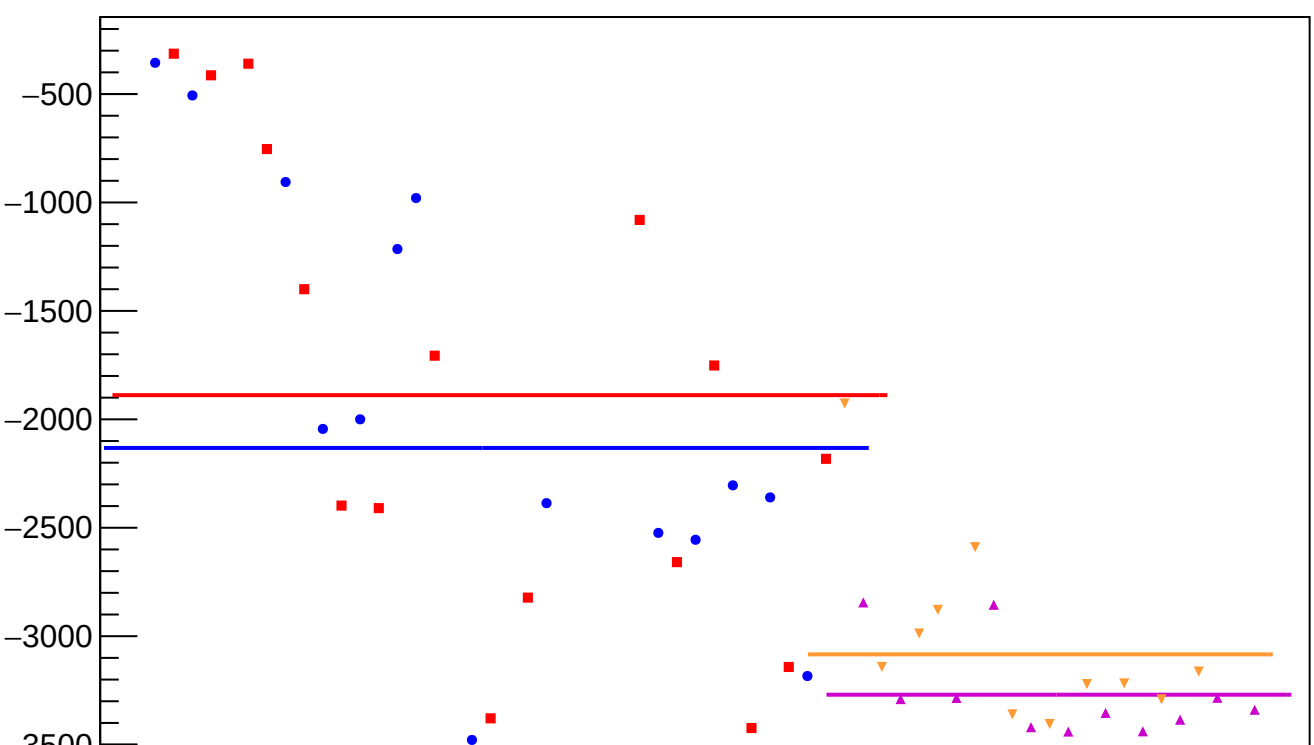
Left In: 54.891+/-0.000 χ^2/NDF:300358274506113612486338175884591104.0/10

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

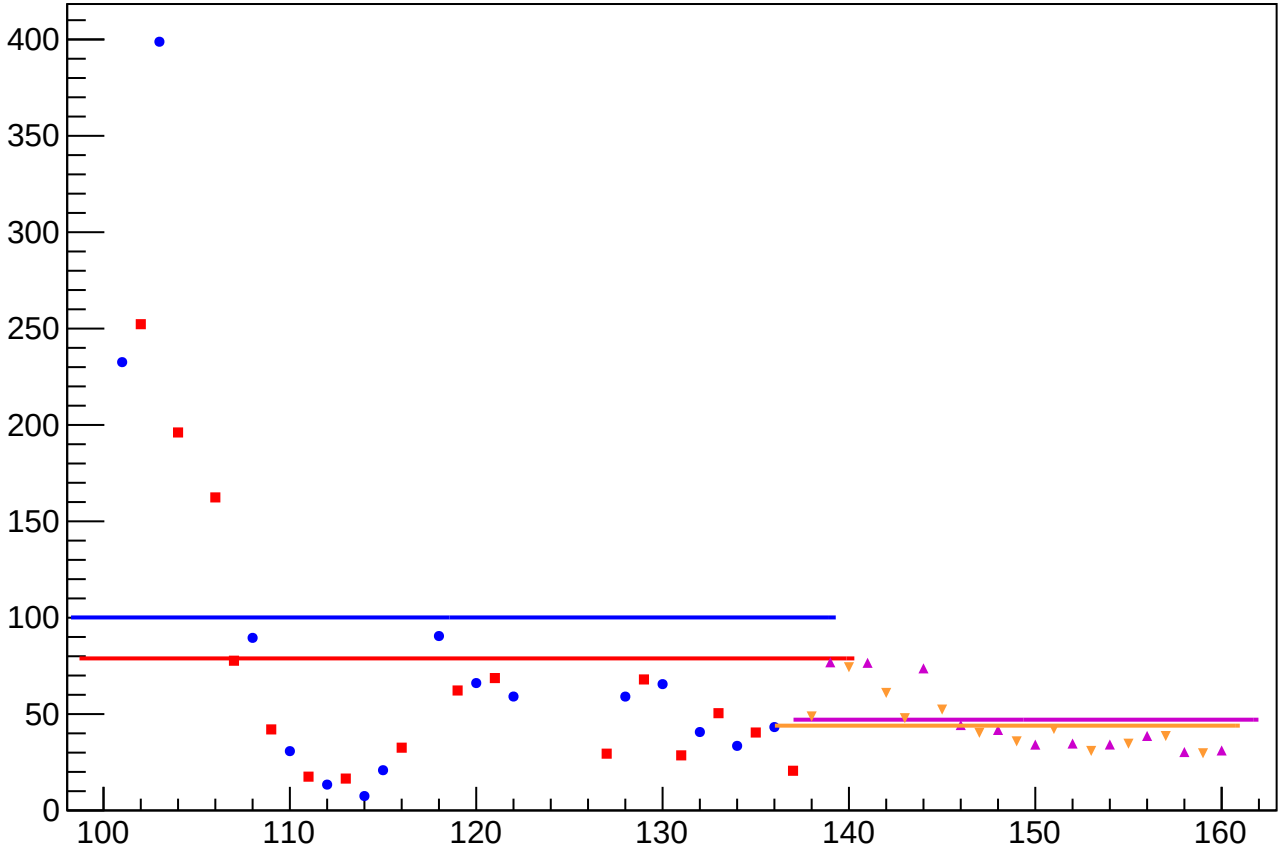
Left In: -3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10

+ 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

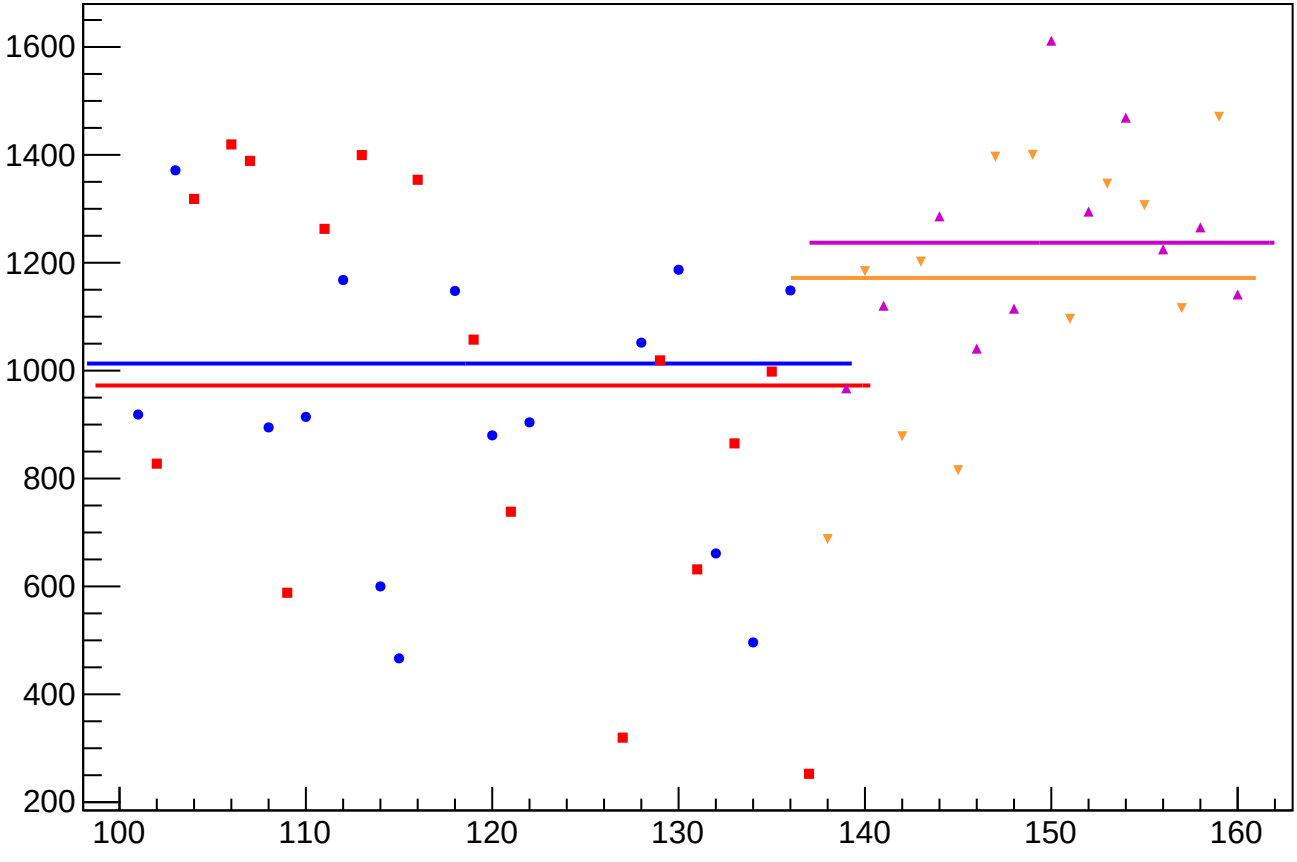
All: 63.832+/-0.000 χ^2/NDF: 1341063315555

Right Out: 78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

- sign 60.419+/-0.000 χ^2/NDF: 4219125097072467

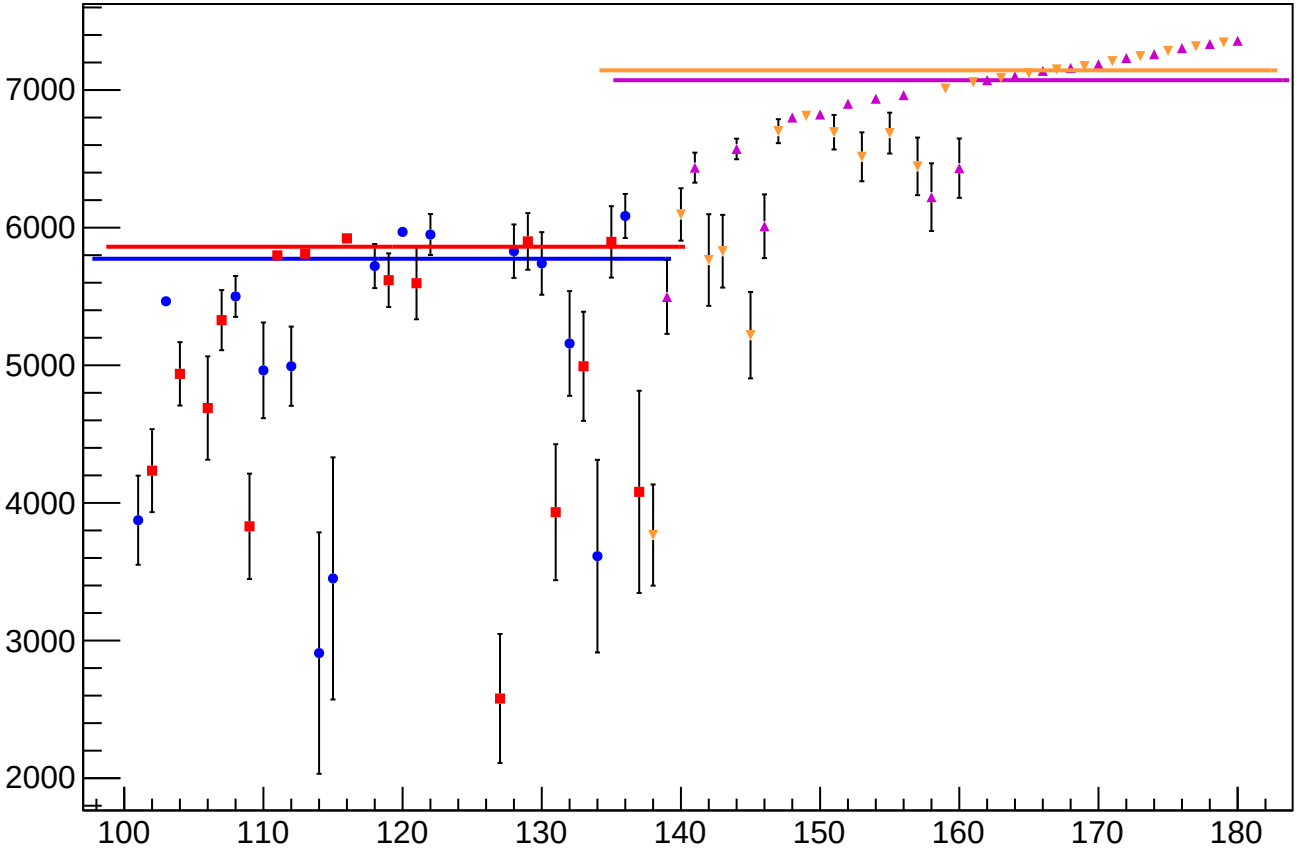
Left In: 47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028 00128.0/10

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: 7143.090+/-0.121 χ^2/NDF:2048229.4/21

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

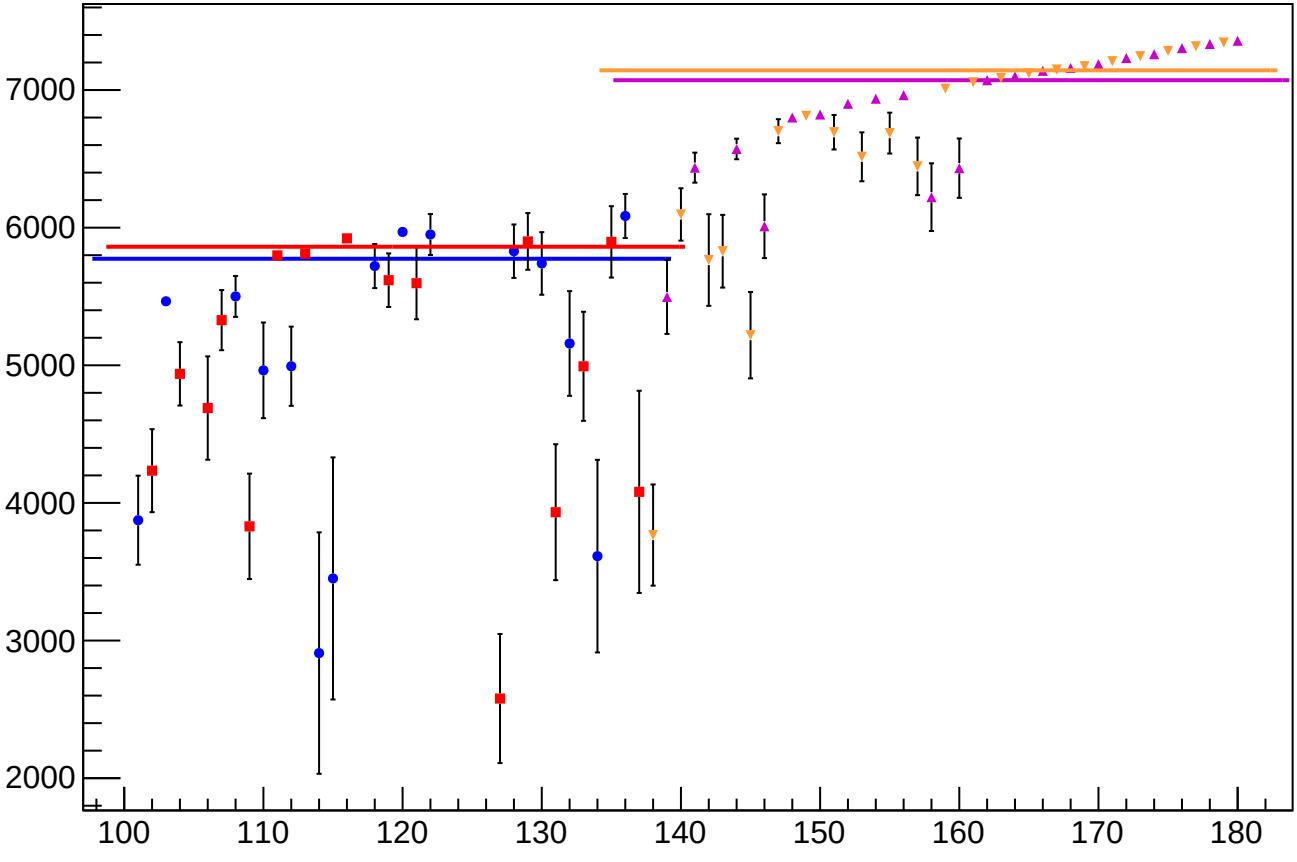
Left In: 7071.344+/-0.109 χ^2/NDF:2599738.9/20

+ sign 6722.471+/-0.101 χ^2/NDF: 43306544.0/36

All: 6658.532+/-0.065 χ^2/NDF: 93383229.6/7

- sign 6611.762+/-0.086 χ^2/NDF: 49376979.2/36

dit_run_rms vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7143.090+/-0.121 χ^2/NDF:2048229.4/21

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

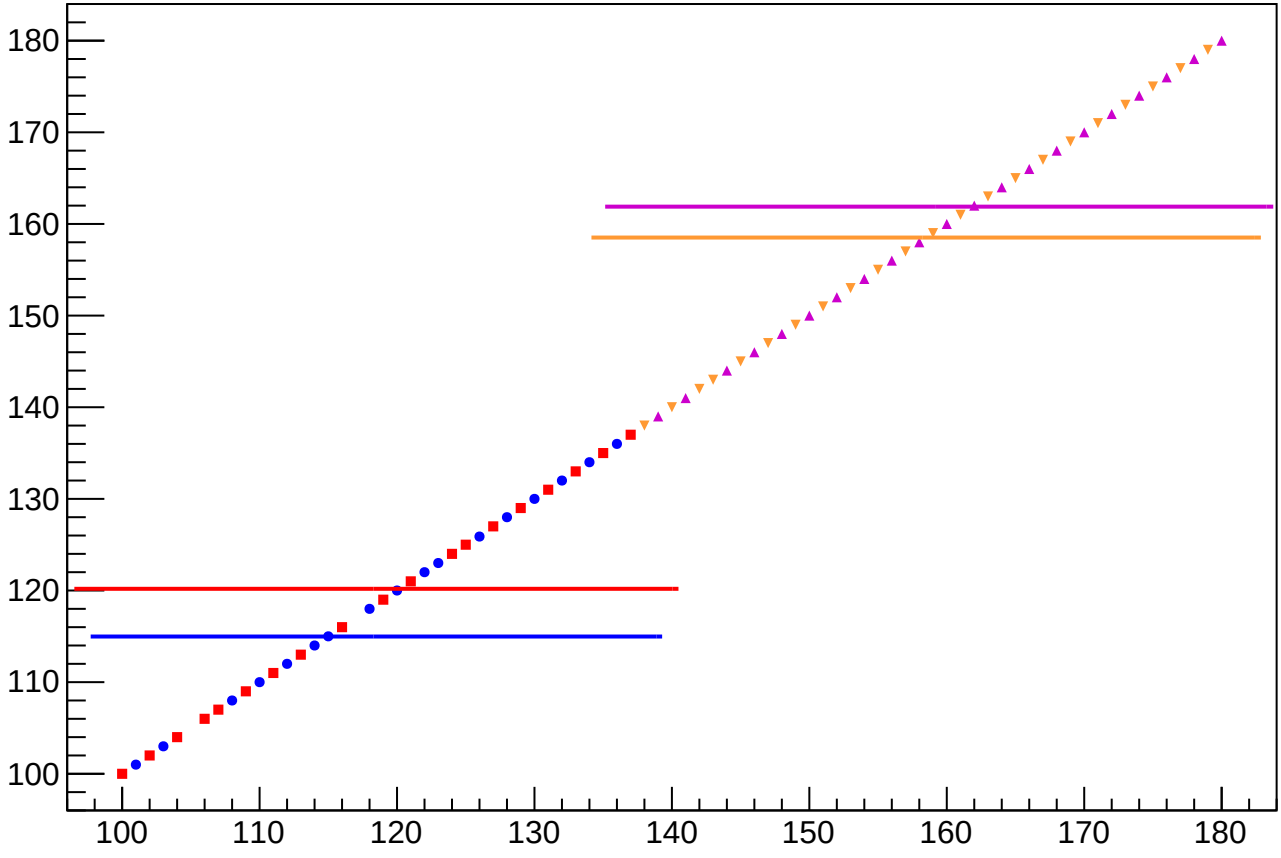
Left In: 7071.344+/-0.109 χ^2/NDF:2599738.9/20

+ sign 6722.471+/-0.101 χ^2/NDF: 43306544.0/36

All: 6658.532+/-0.065 χ^2/NDF: 93383229.6/7

- sign 6611.762+/-0.086 χ^2/NDF: 49376979.2/36

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 158.516+/-0.000 χ^2/NDF:81132188890785263948948767244288.0/21

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

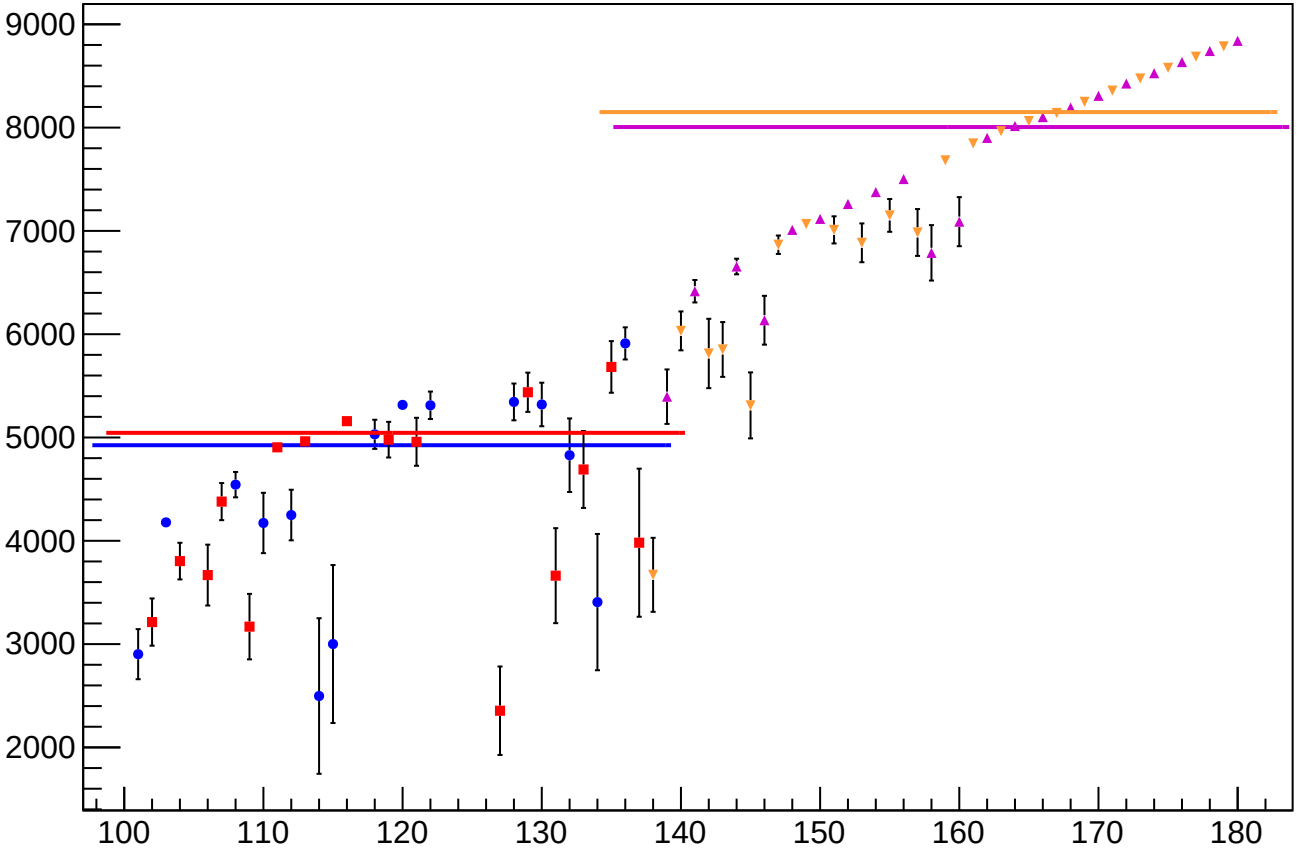
Left In: 161.889+/-0.000 χ^2/NDF:15662907953896271070819031973888 0.0/20

+ sign 131.044+/-0.000 χ^2/NDF: 12254929893031 2

All: 136.768+/-0.000 χ^2/NDF: 2545696792 83

- sign 142.825+/-0.000 χ^2/NDF: 116252487495802

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8150.370+/-0.473 χ^2/NDF:1077018.0/21

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

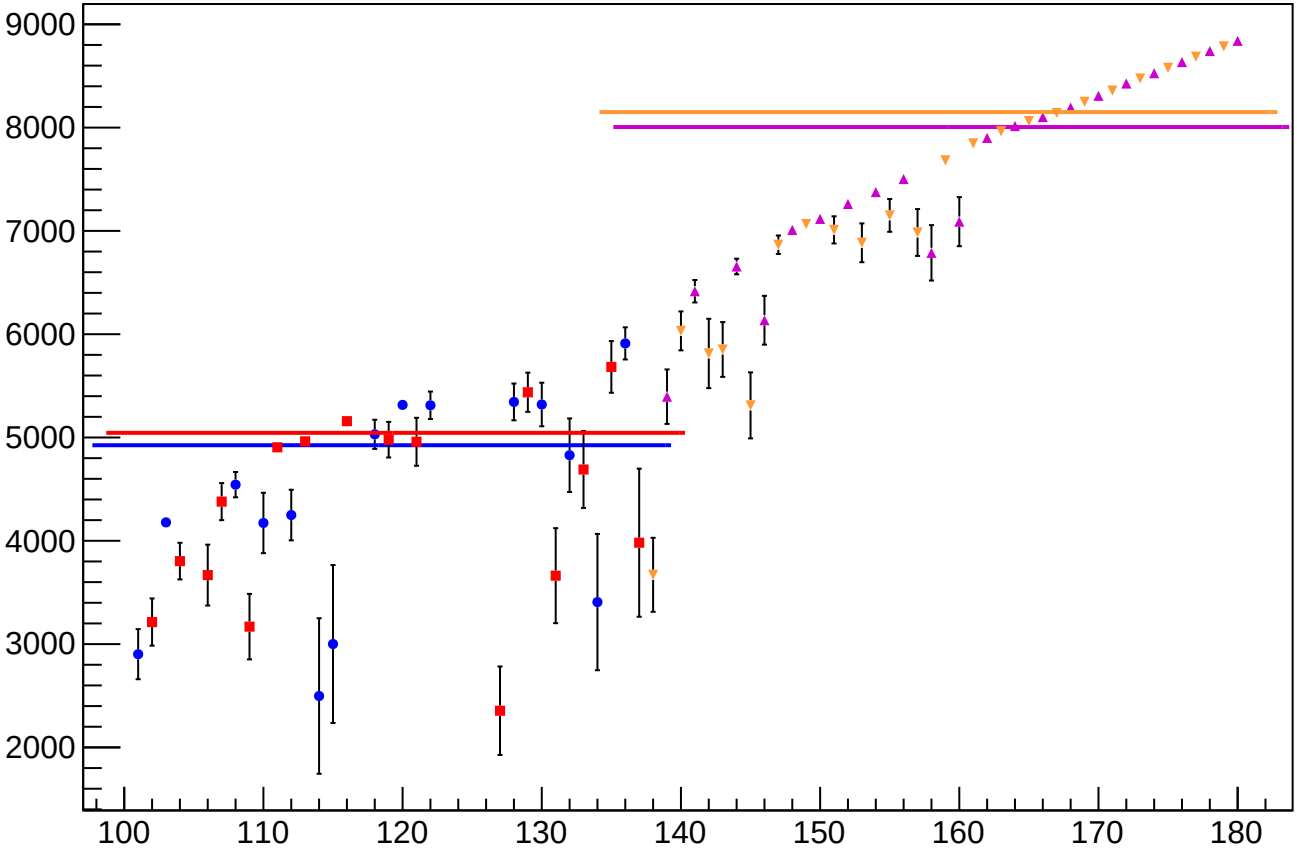
Left In: 8005.430+/-0.428 χ^2/NDF:1779702.2/20

+ sign 7496.295+/-0.423 χ^2/NDF: 10817935.2/36

All: 7292.616+/-0.274 χ^2/NDF: 26963733.0/7

- sign 7144.832+/-0.360 χ^2/NDF: 15745224.1/36

dit_cyclenum_rms vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8150.370+/-0.473 χ^2/NDF:1077018.0/21

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

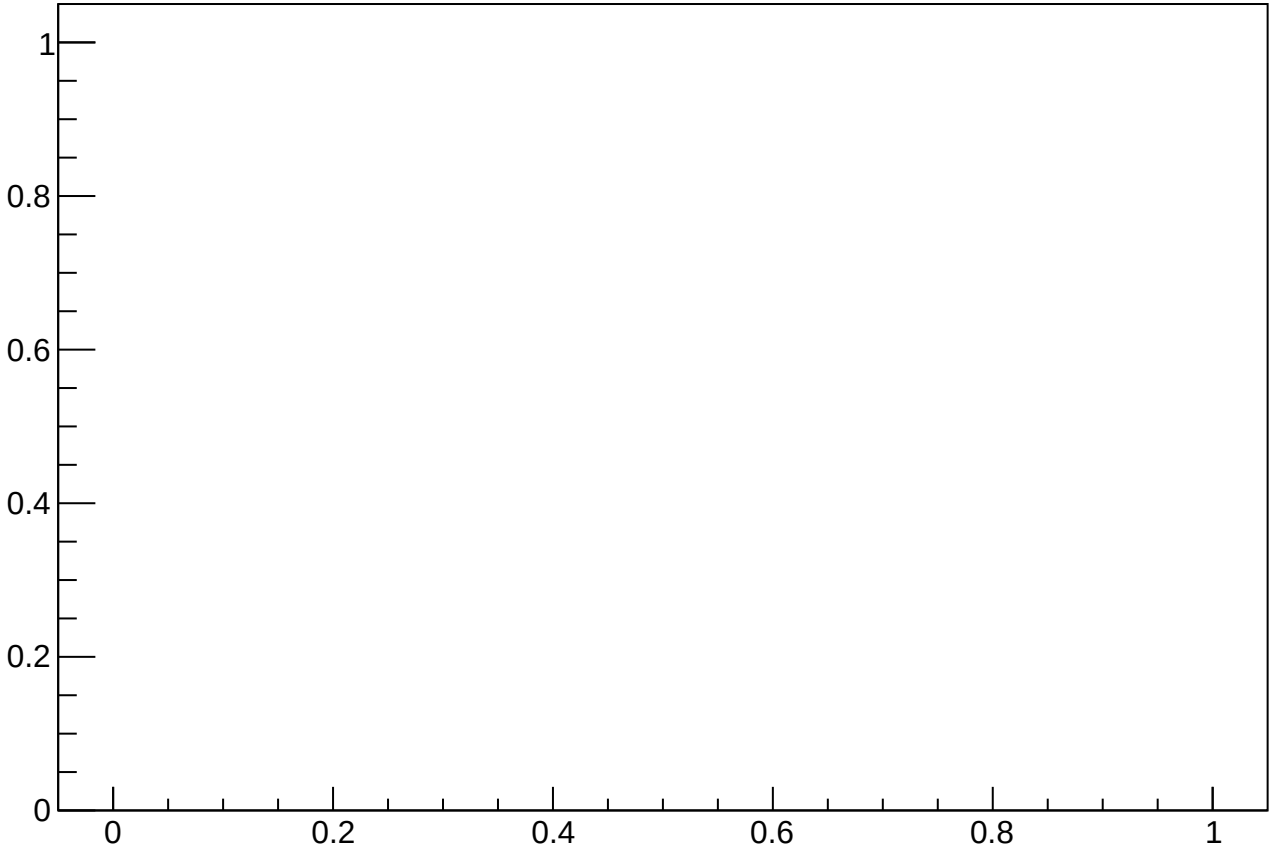
Left In: 8005.430+/-0.428 χ^2/NDF:1779702.2/20

+ sign 7496.295+/-0.423 χ^2/NDF: 10817935.2/36

All: 7292.616+/-0.274 χ^2/NDF: 26963733.0/7

- sign 7144.832+/-0.360 χ^2/NDF: 15745224.1/36

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

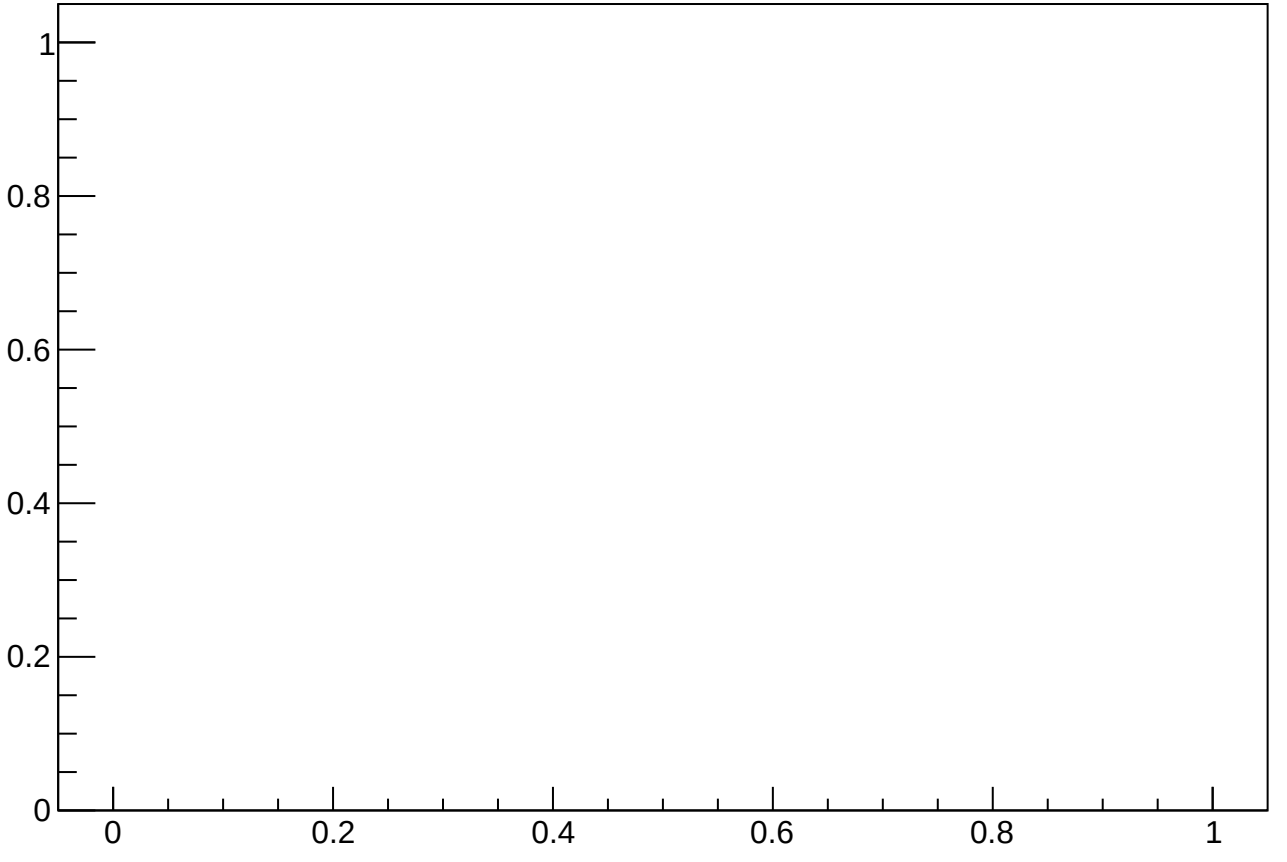
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

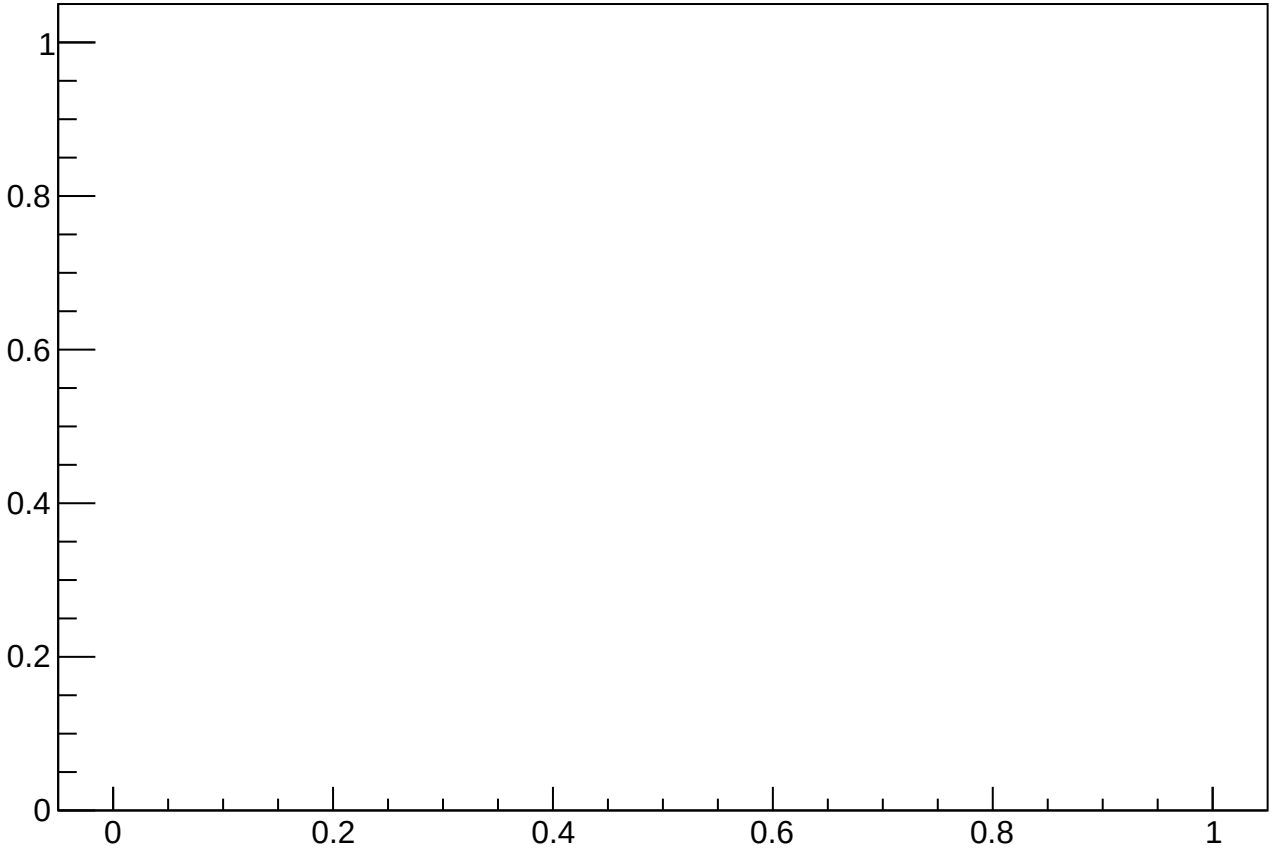
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

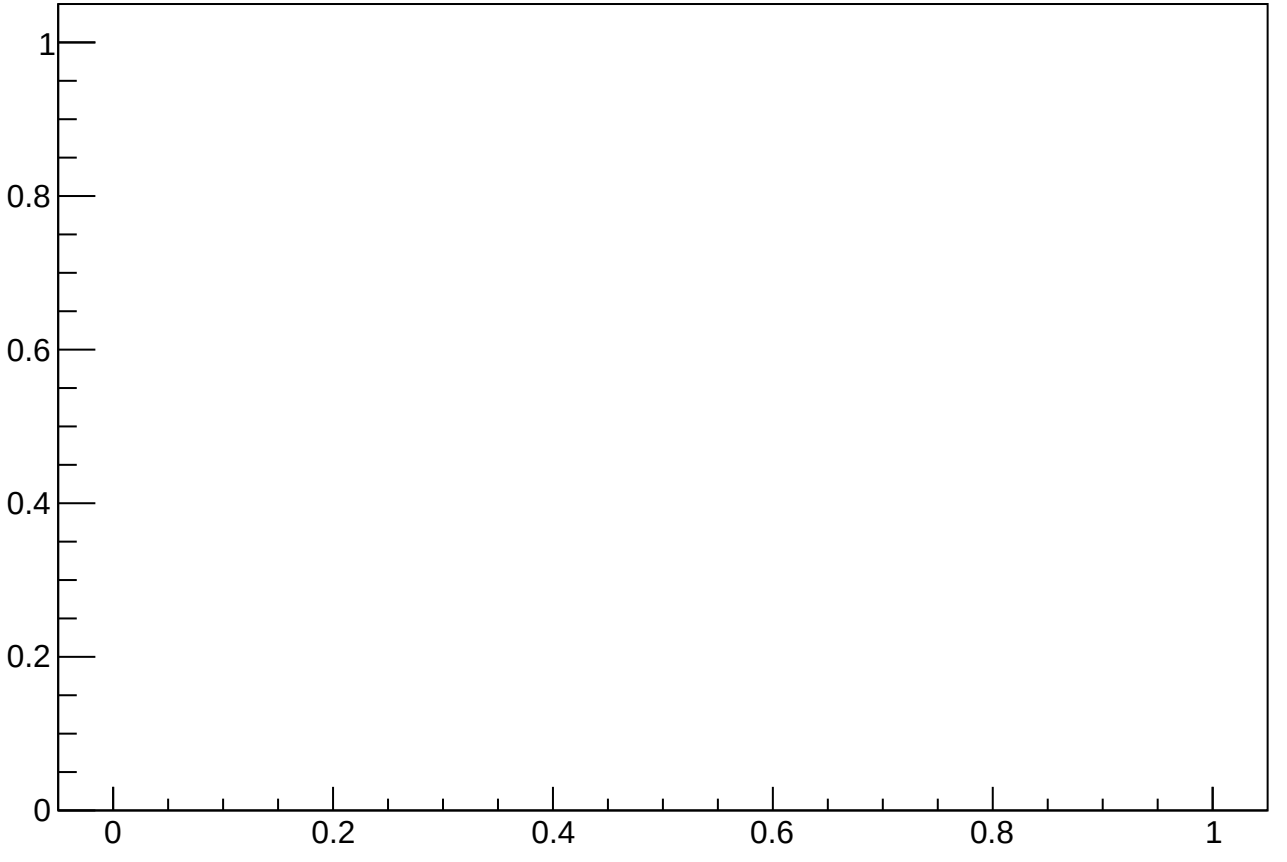
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

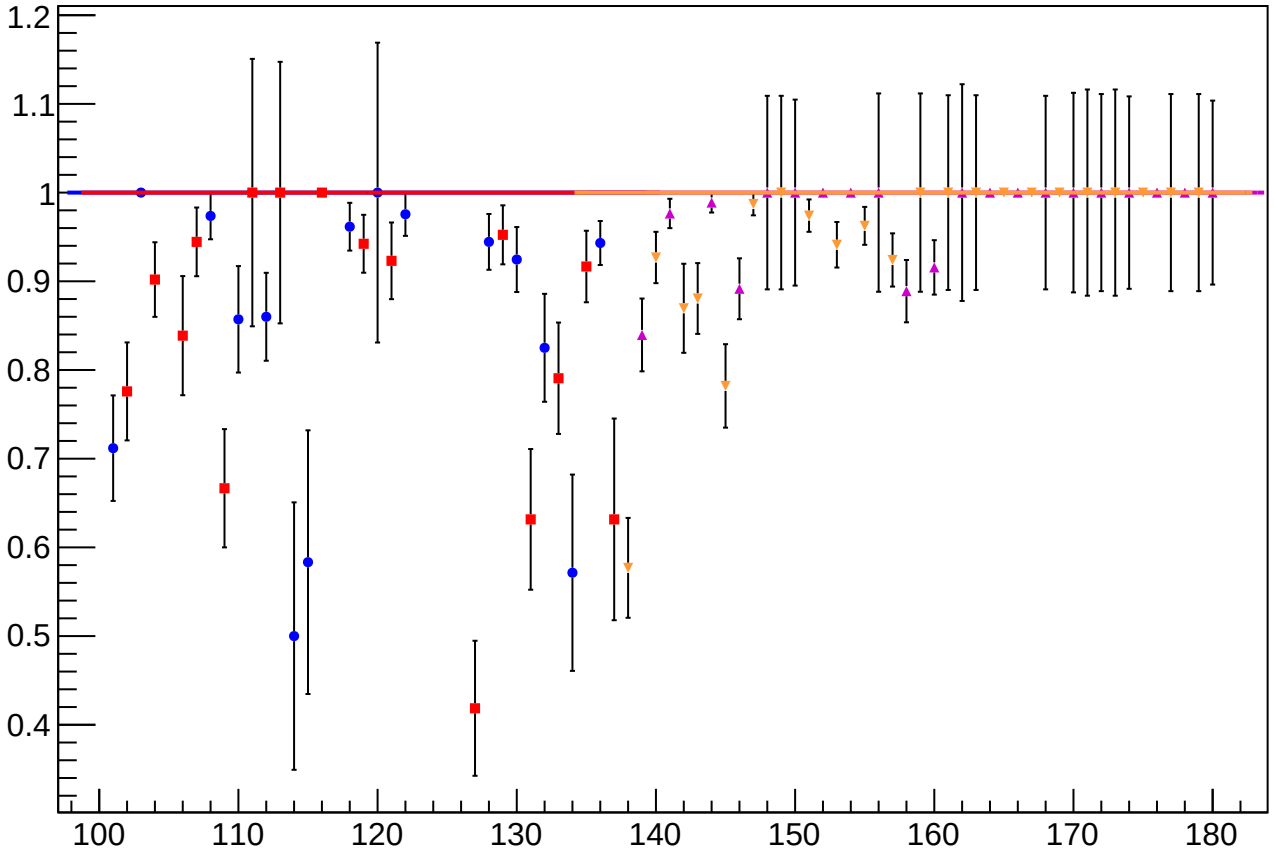
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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:1596.8/21

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

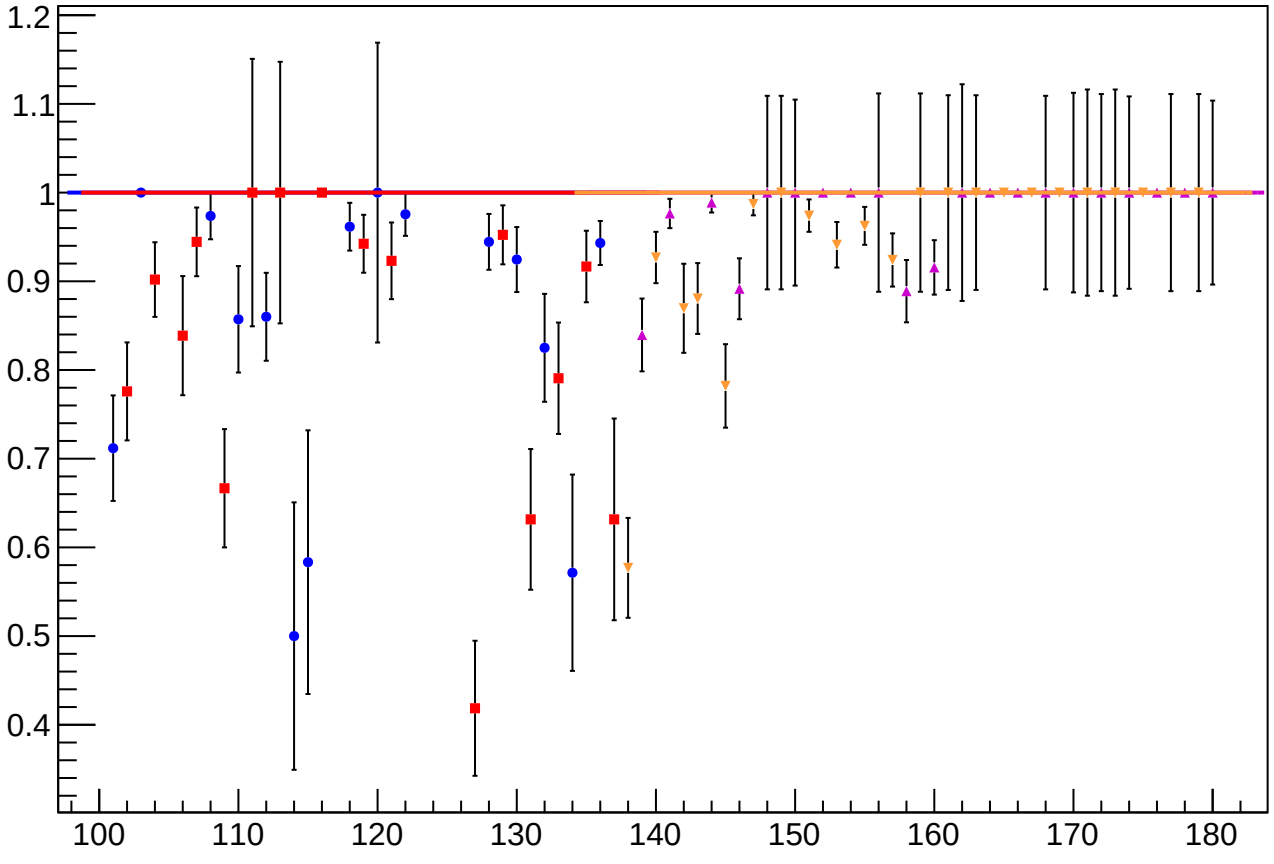
Left In: 1.000+/-0.000 χ^2/NDF:513.8/20

+ sign 1.000+/-0.000 χ^2/NDF: 567.7/36

All: 1.000+/-0.000 χ^2/NDF: 1287.4/73

- sign 1.000+/-0.000 χ^2/NDF: 782.7/36

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:1596.8/21

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

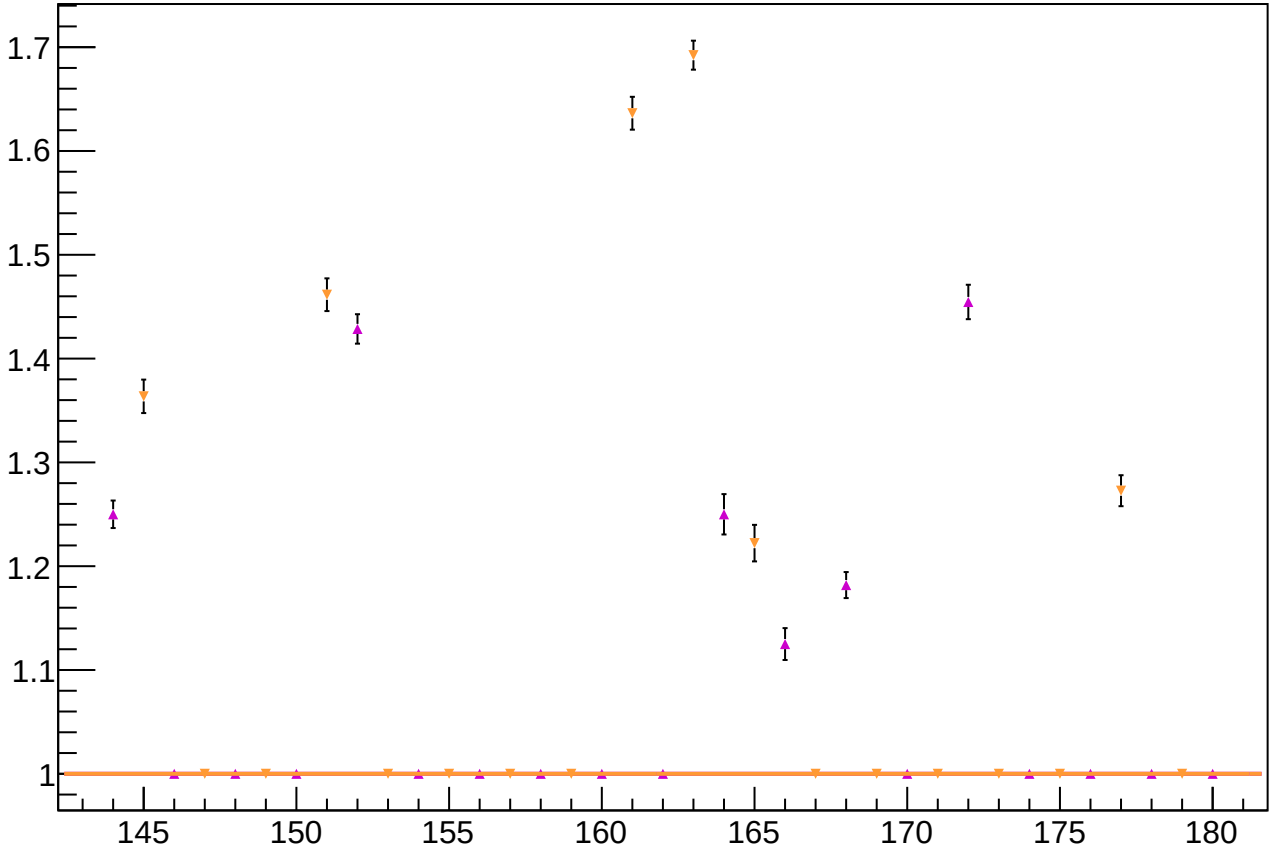
Left In: 1.000+/-0.000 χ^2/NDF:513.8/20

+ sign 1.000+/-0.000 χ^2/NDF: 567.7/36

All: 1.000+/-0.000 χ^2/NDF: 1287.4/73

- sign 1.000+/-0.000 χ^2/NDF: 782.7/36

dit_segment_slope vs Slug



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

Left Out: 1.000+/-0.000 χ^2/NDF:8616.6/17

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

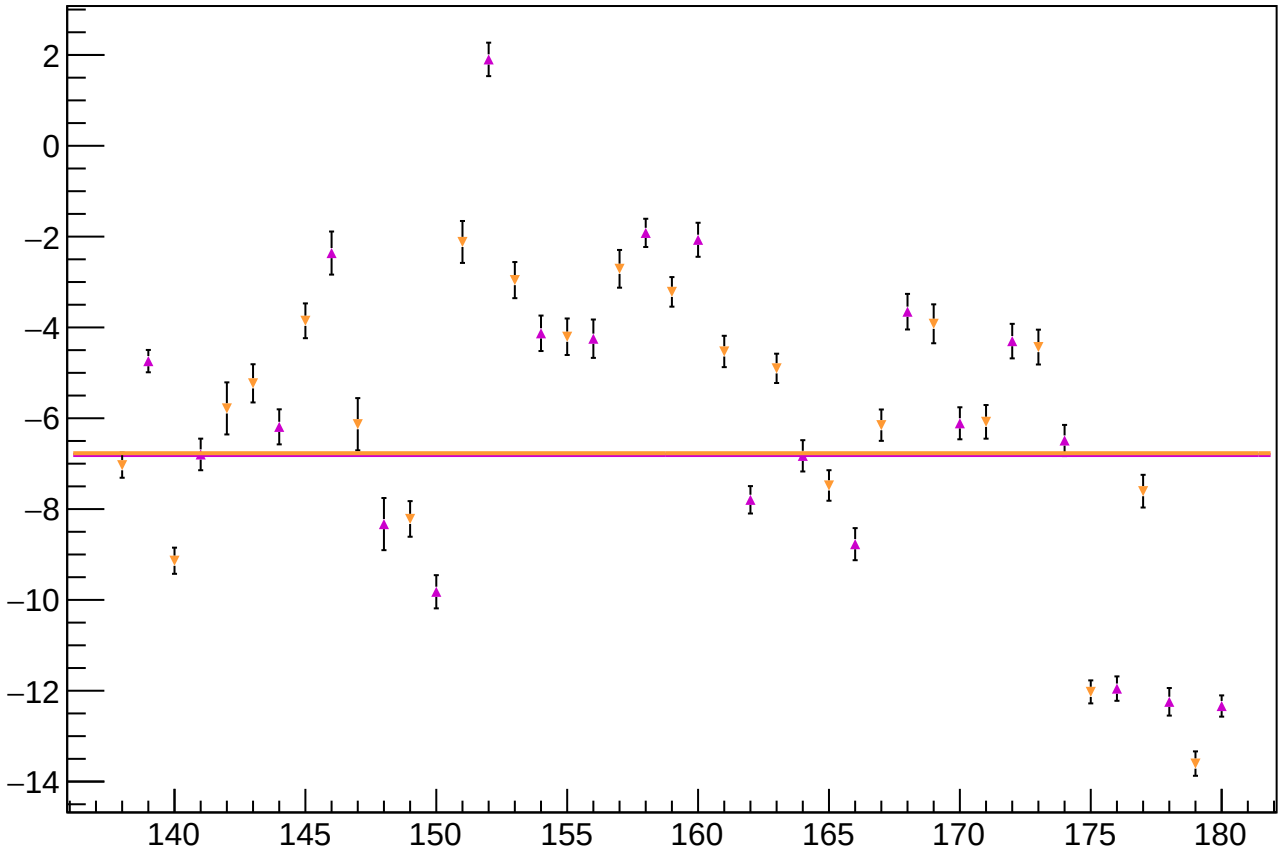
Left In: 1.000+/-0.000 χ^2/NDF:9899.0/18

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.000+/-0.000 χ^2/NDF: 9934.3/36

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -6.769+/-0.076 χ^2/NDF:1856.3/21

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

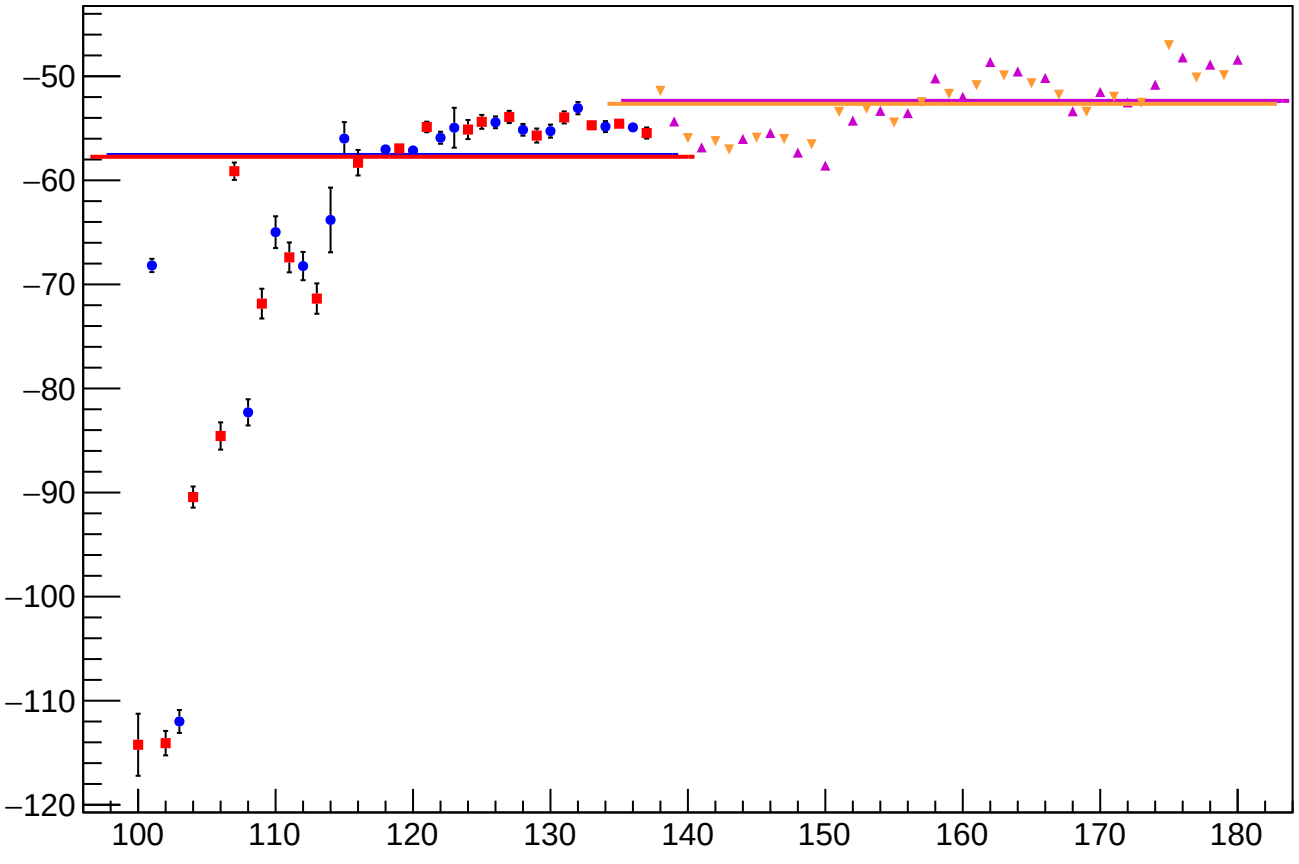
Left In: -6.810+/-0.074 χ^2/NDF:2685.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.790+/-0.053 χ^2/NDF: 4542.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -52.651+/-0.059 χ^2/NDF:2033.9/21

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

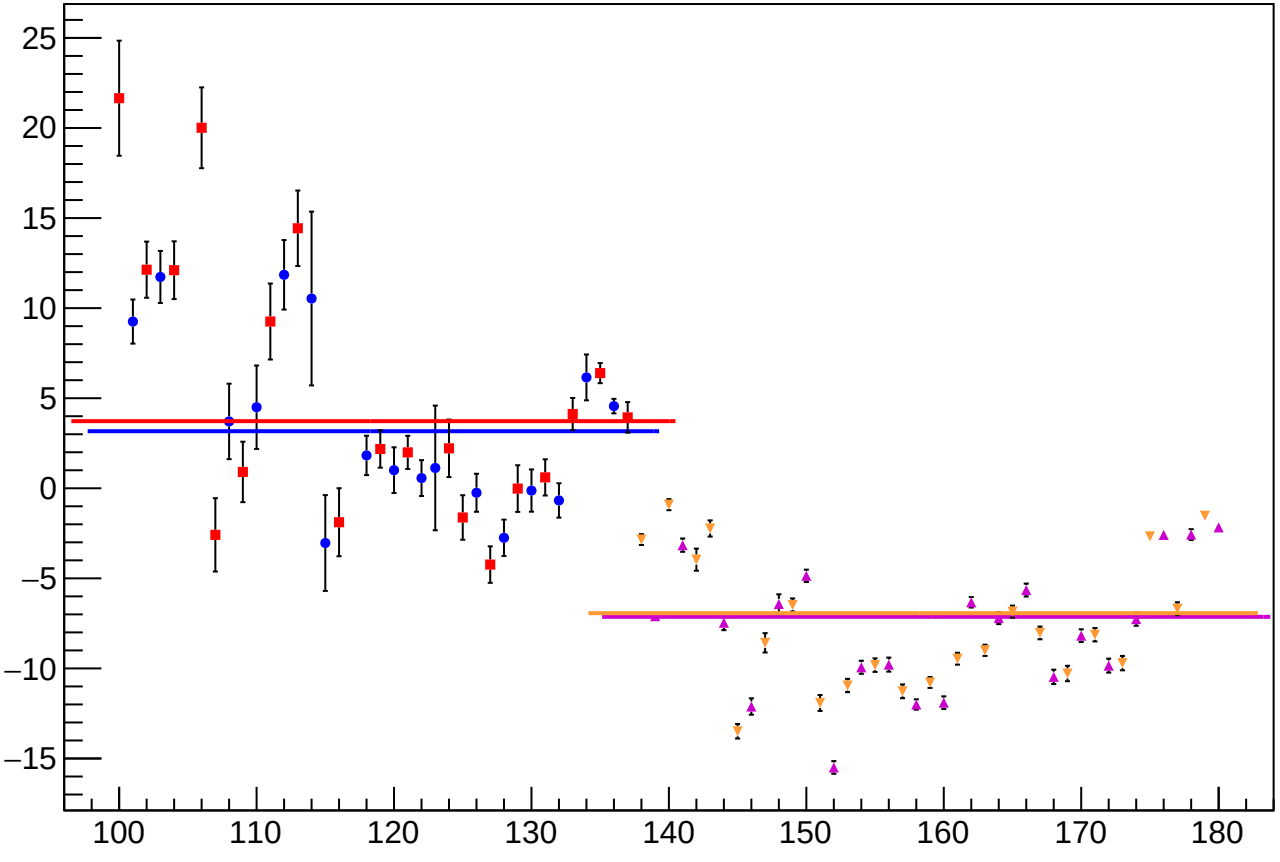
Left In: -52.366+/-0.060 χ^2/NDF:2859.2/20

+ sign -53.377+/-0.054 χ^2/NDF: 6517.5/38

All: -53.272+/-0.039 χ^2/NDF: 15283.0/78

- sign -53.164+/-0.055 χ^2/NDF: 8758.0/39

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -6.934+/-0.075 χ^2/NDF:2508.3/21

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

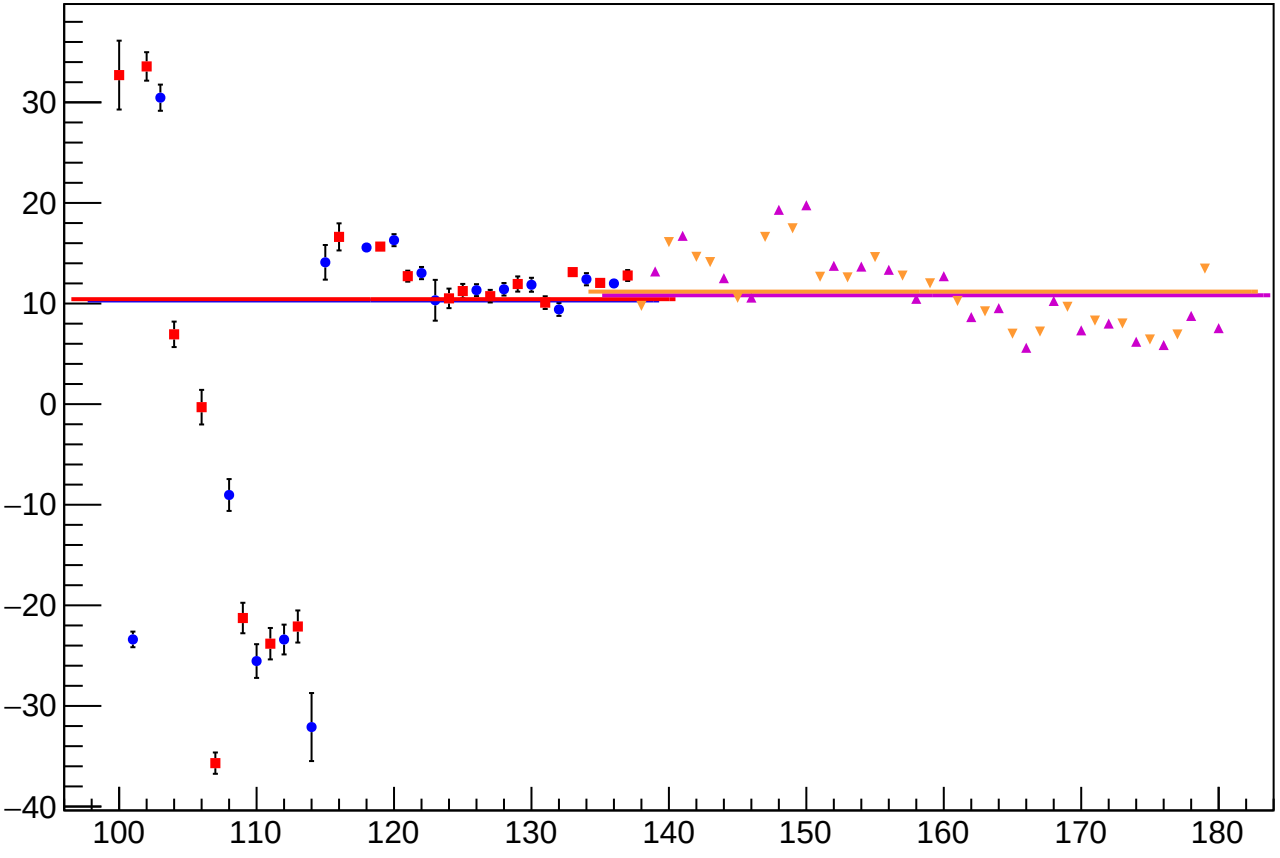
Left In: -7.136+/-0.073 χ^2/NDF:2554.1/20

+ sign -6.141+/-0.072 χ^2/NDF: 4110.2/38

All: -6.263+/-0.050 χ^2/NDF: 8531.8/78

- sign -6.379+/-0.071 χ^2/NDF: 4416.0/39

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 11.186+/-0.066 χ^2/NDF:2438.0/21

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

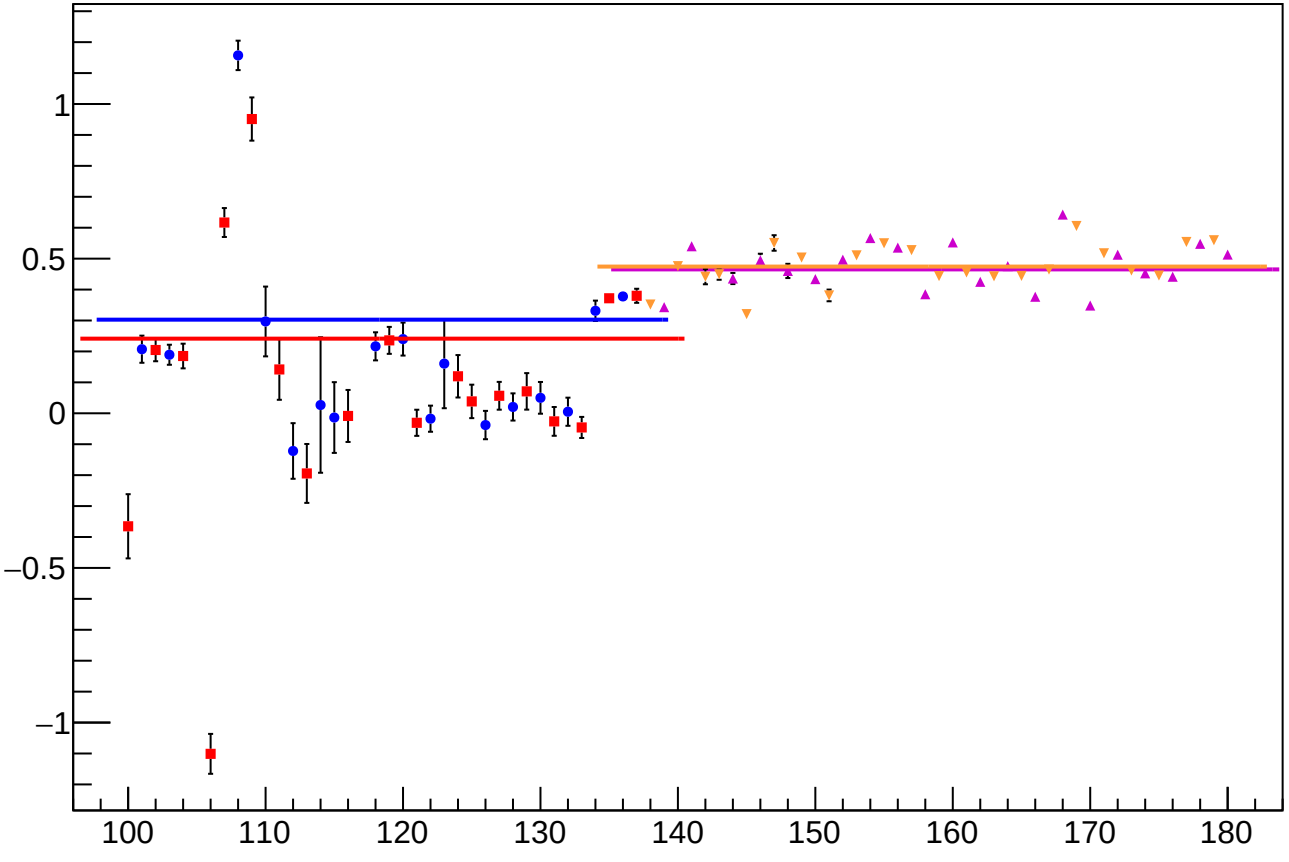
Left In: 10.822+/-0.066 χ^2/NDF:3460.9/20

+ sign 11.053+/-0.061 χ^2/NDF: 6177.1/38

All: 10.910+/-0.043 χ^2/NDF: 13482.7/78

- sign 10.765+/-0.061 χ^2/NDF: 7294.5/39

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.474+/-0.003 χ^2/NDF:495.7/21

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

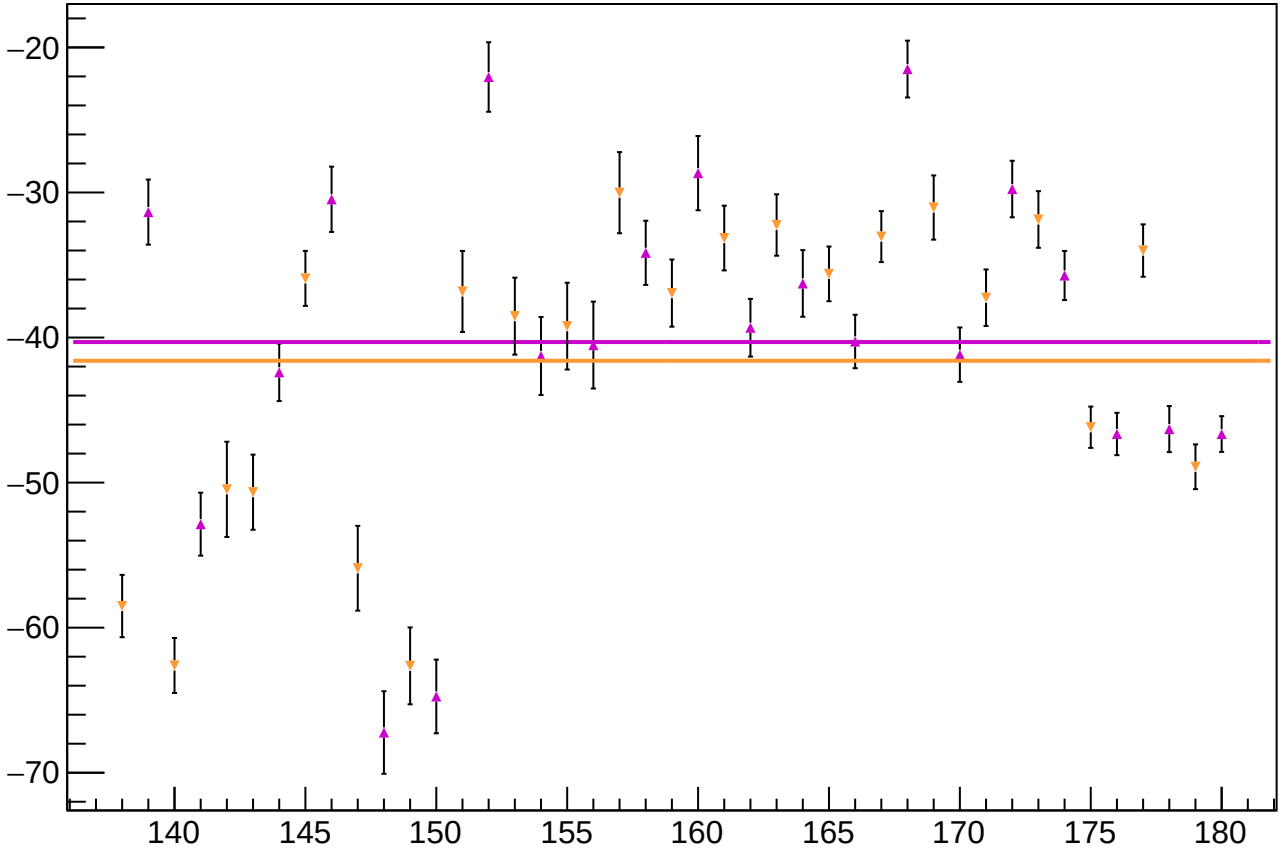
Left In: 0.465+/-0.003 χ^2/NDF:743.1/20

+ sign 0.454+/-0.003 χ^2/NDF: 1529.8/38

All: 0.448+/-0.002 χ^2/NDF: 3892.3/78

- sign 0.442+/-0.003 χ^2/NDF: 2352.2/39

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -41.600+/-0.449 χ^2/NDF:497.2/21

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

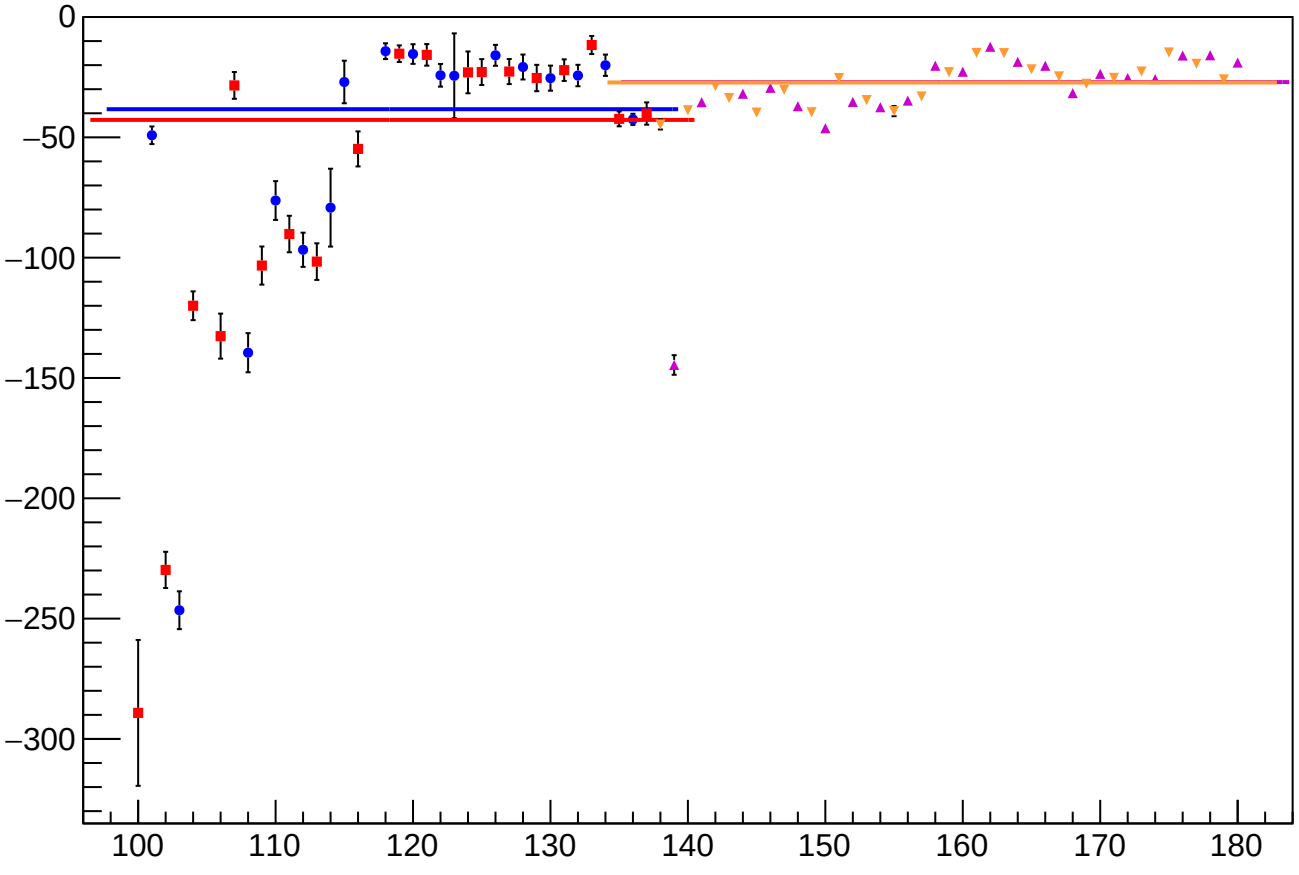
Left In: -40.311+/-0.433 χ^2/NDF:530.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -40.931+/-0.312 χ^2/NDF: 1032.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -27.194+/-0.344 χ^2/NDF:583.7/21

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

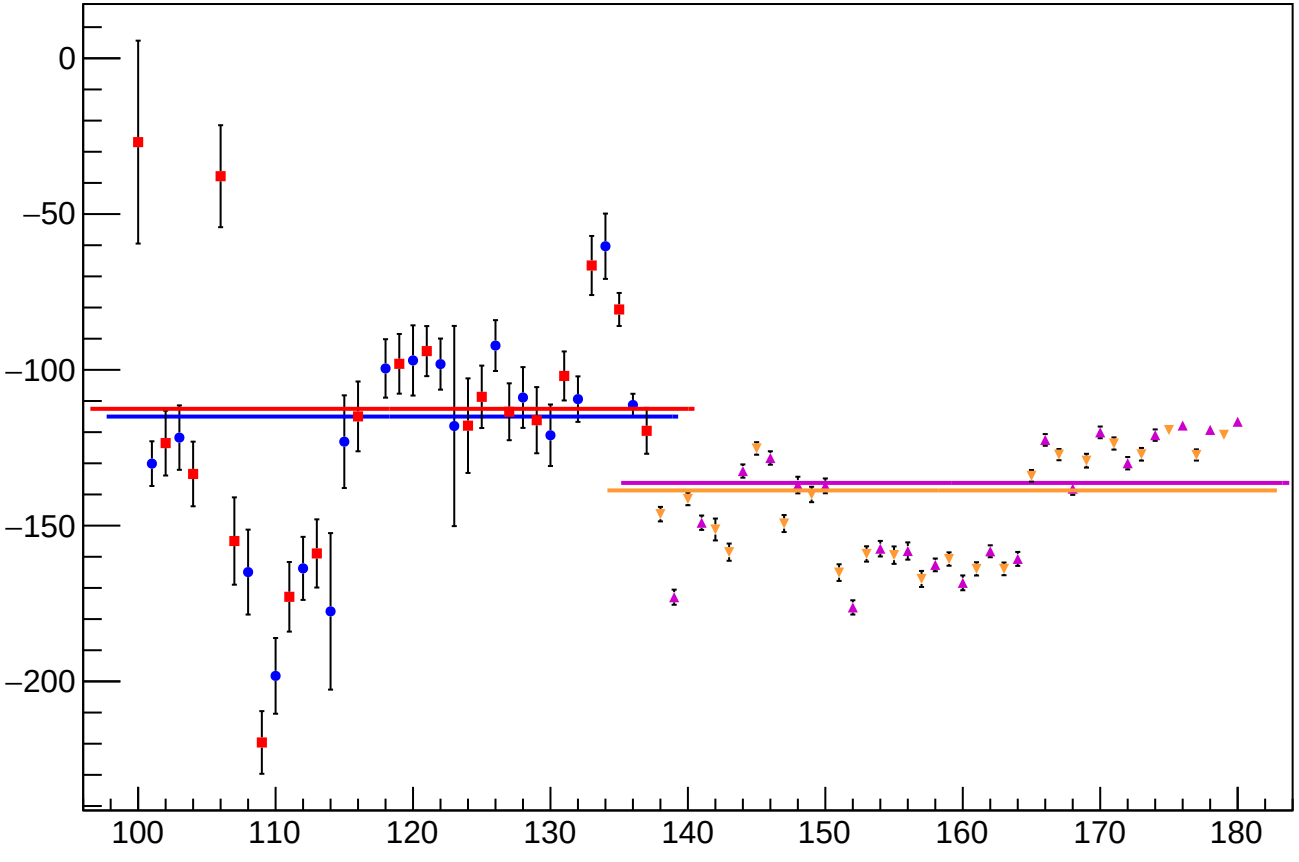
Left In: -27.036+/-0.343 χ^2/NDF:1459.0/20

+ sign -28.127+/-0.329 χ^2/NDF: 1803.9/38

All: -28.164+/-0.233 χ^2/NDF: 4760.7/78

- sign -28.202+/-0.330 χ^2/NDF: 2956.7/39

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -138.700+/-0.448 χ^2/NDF:1397.5/21

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

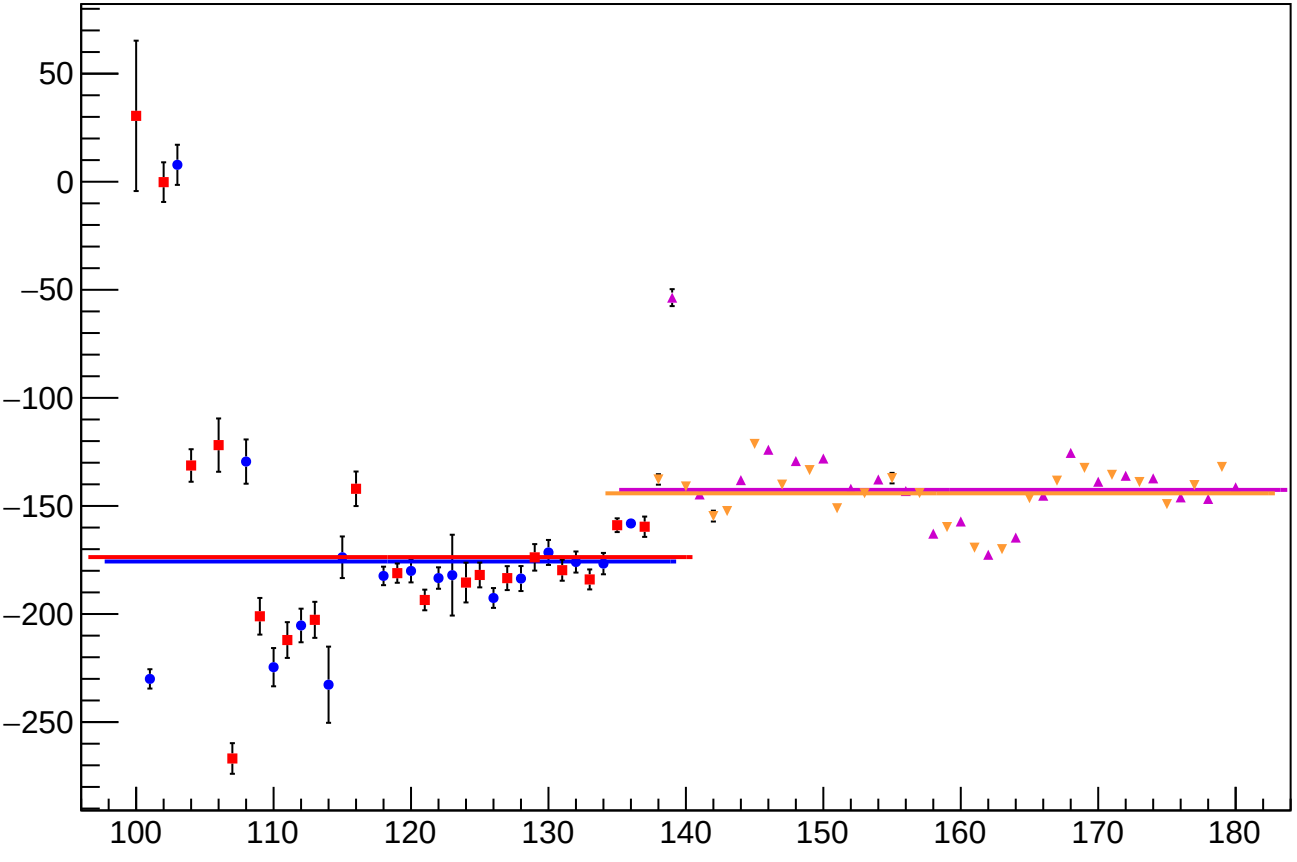
Left In: -136.291+/-0.430 χ^2/NDF:2056.6/20

+ sign -137.642+/-0.438 χ^2/NDF: 1664.3/38

All: -136.491+/-0.304 χ^2/NDF: 4119.2/78

- sign -135.420+/-0.422 χ^2/NDF: 2441.6/39

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -144.164+/-0.389 χ^2/NDF:985.2/21

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

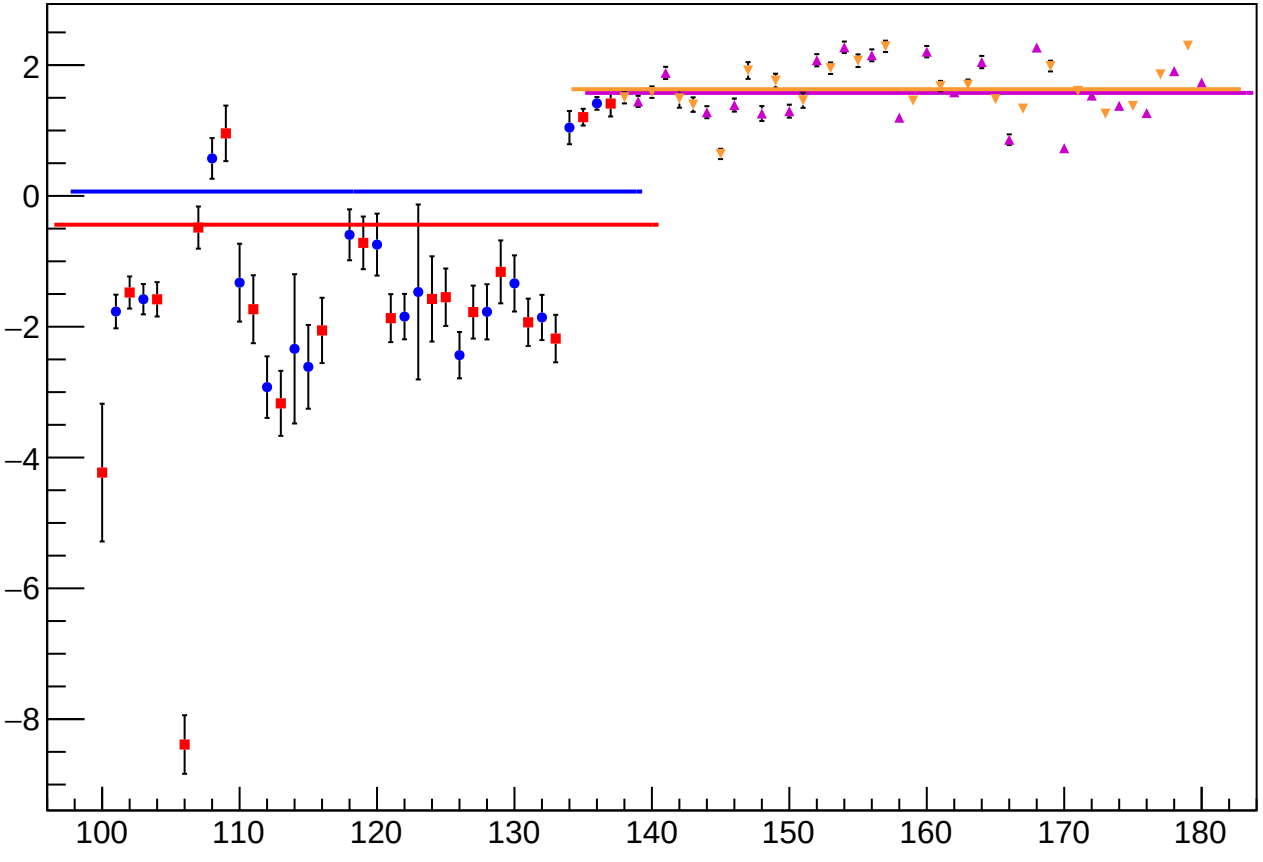
Left In: -142.575+/-0.384 χ^2/NDF:1540.3/20

+ sign -146.873+/-0.372 χ^2/NDF: 2243.7/38

All: -145.871+/-0.262 χ^2/NDF: 5023.0/78

- sign -144.880+/-0.369 χ^2/NDF: 2764.8/39

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.631+/-0.018 χ^2/NDF:448.7/21

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

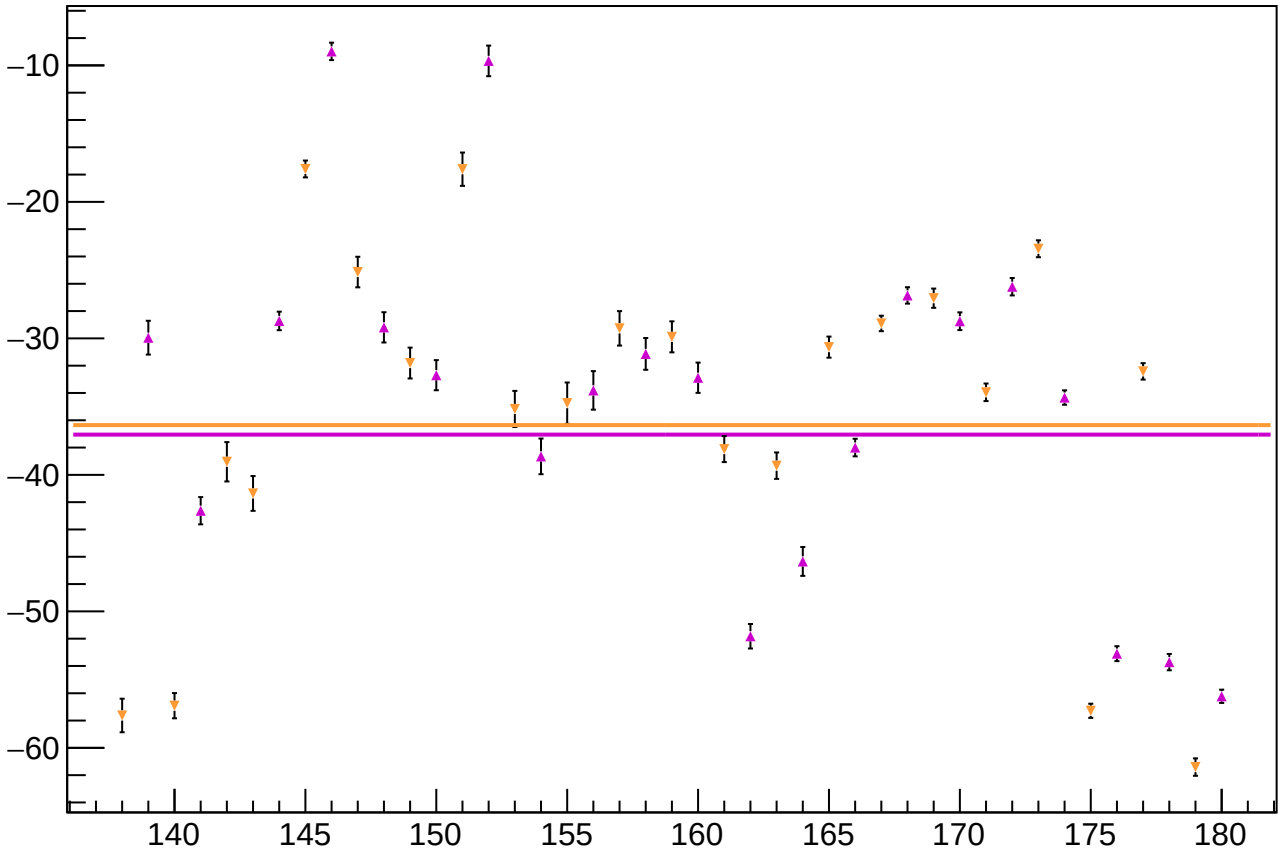
Left In: 1.575+/-0.017 χ^2/NDF:653.0/20

+ sign 1.527+/-0.017 χ^2/NDF: 1484.0/38

All: 1.493+/-0.012 χ^2/NDF: 3657.2/78

- sign 1.461+/-0.017 χ^2/NDF: 2165.7/39

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -36.353+/-0.174 χ^2/NDF:6229.0/21

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

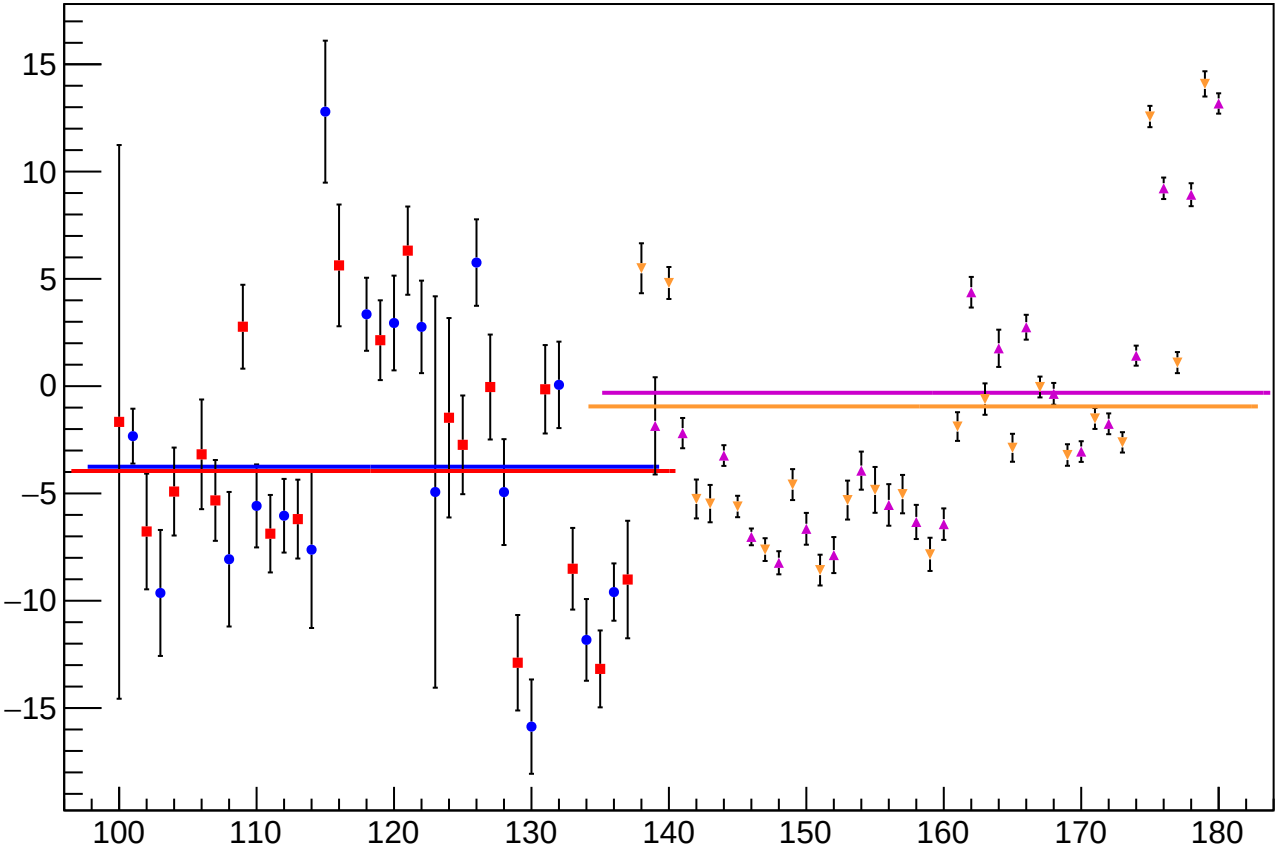
Left In: -37.051+/-0.163 χ^2/NDF:7172.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.723+/-0.119 χ^2/NDF: 13410.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -0.945+/-0.134 χ^2/NDF:2118.7/21

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

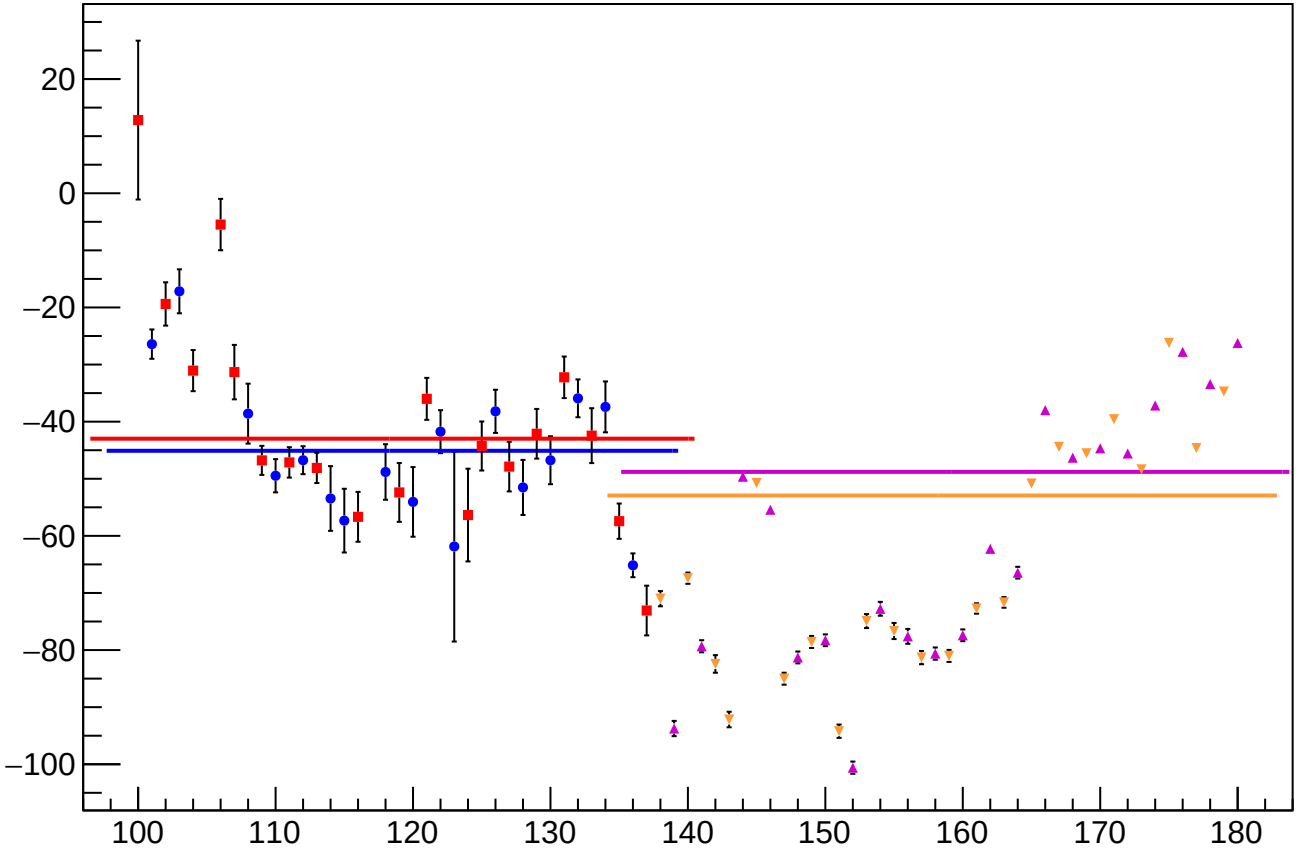
Left In: -0.309+/-0.128 χ^2/NDF:2484.6/20

+ sign -1.136+/-0.129 χ^2/NDF: 2314.1/38

All: -0.821+/-0.090 χ^2/NDF: 4982.0/78

- sign -0.529+/-0.124 χ^2/NDF: 2656.5/39

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -52.929+/-0.174 χ^2/NDF:11648.9/21

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

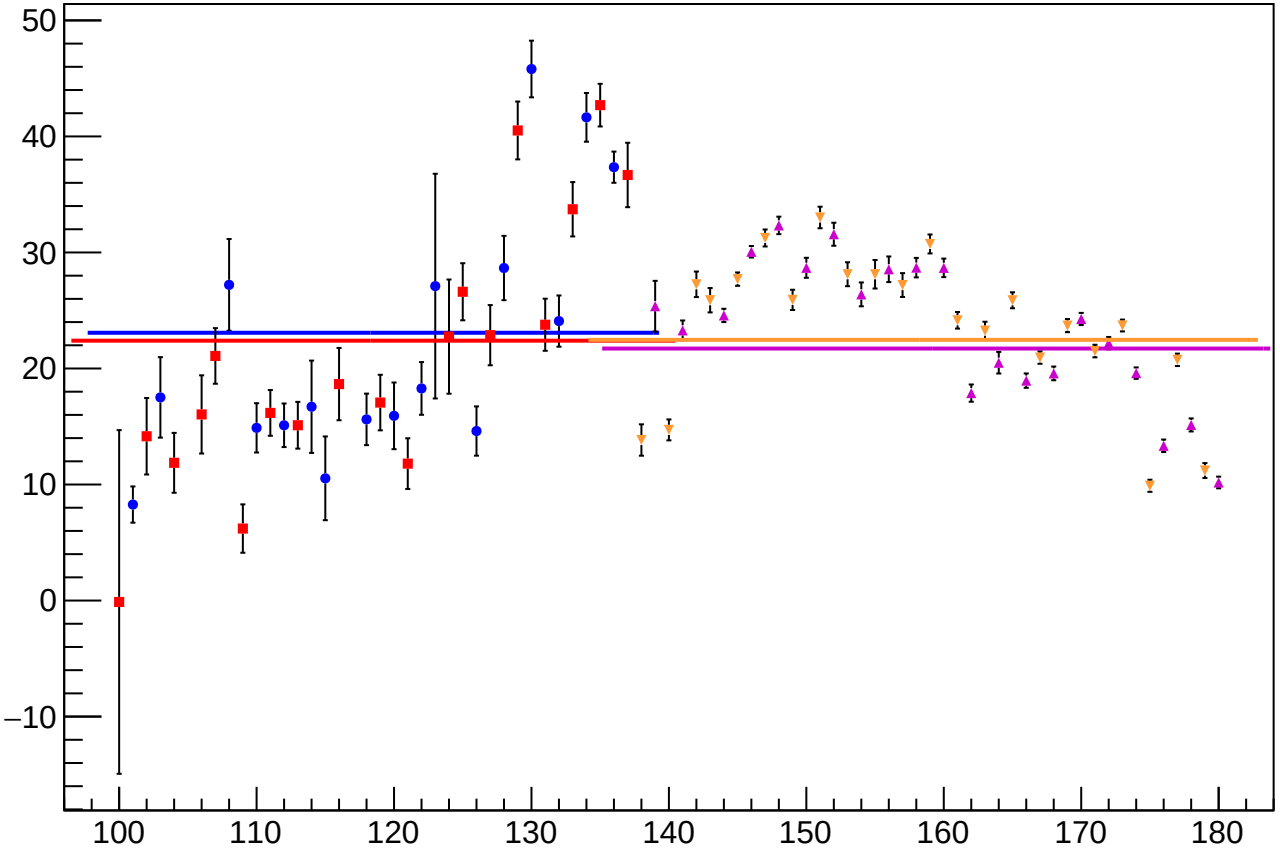
Left In: -48.795+/-0.164 χ^2/NDF:14388.5/20

+ sign -52.636+/-0.171 χ^2/NDF: 11954.8/38

All: -50.497+/-0.117 χ^2/NDF: 26931.0/78

- sign -48.600+/-0.161 χ^2/NDF: 14679.8/39

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 22.468+/-0.151 χ^2/NDF:1640.3/21

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

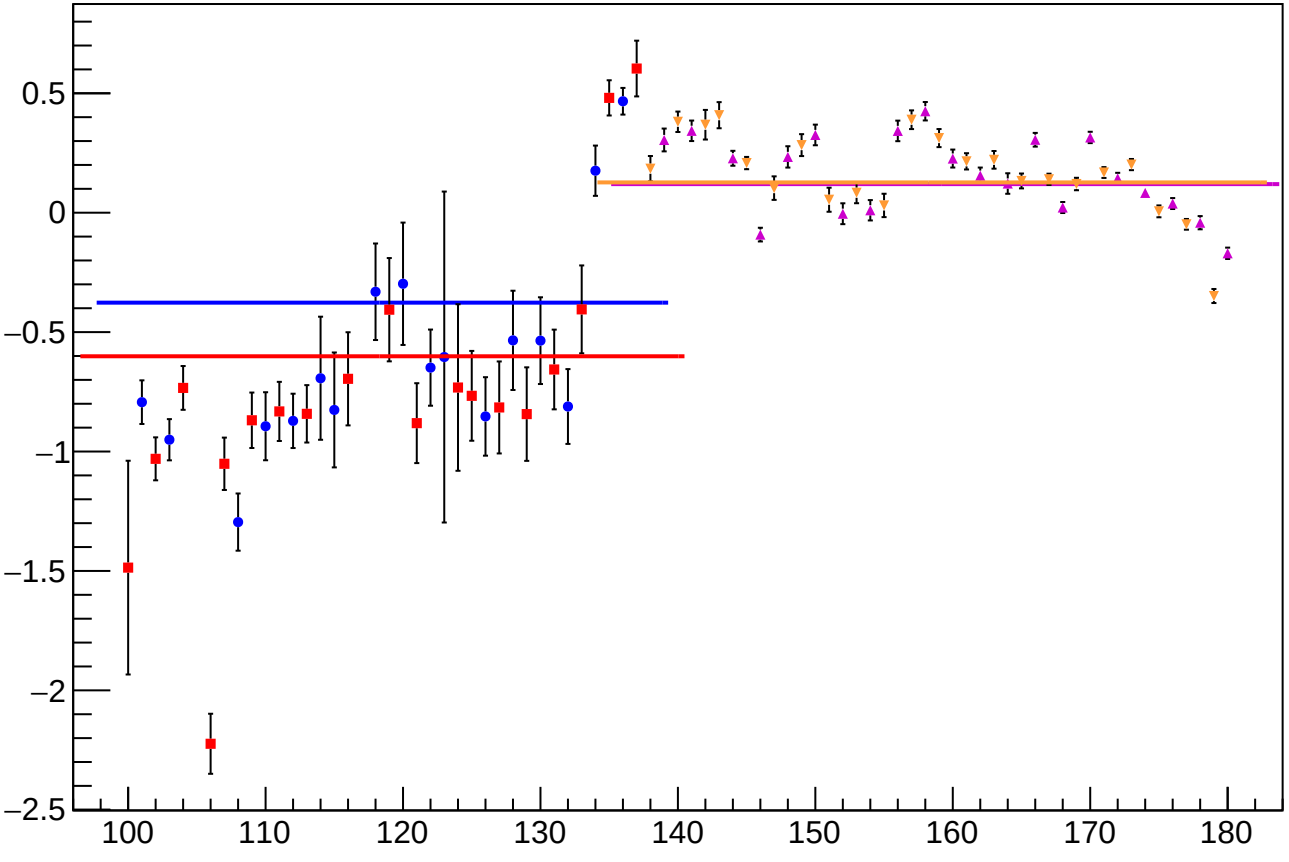
Left In: 21.719+/-0.145 χ^2/NDF:1887.4/20

+ sign 22.510+/-0.145 χ^2/NDF: 2102.5/38

All: 22.121+/-0.101 χ^2/NDF: 4375.3/78

- sign 21.759+/-0.140 χ^2/NDF: 2259.0/39

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.127+/-0.007 χ^2/NDF:549.2/21

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

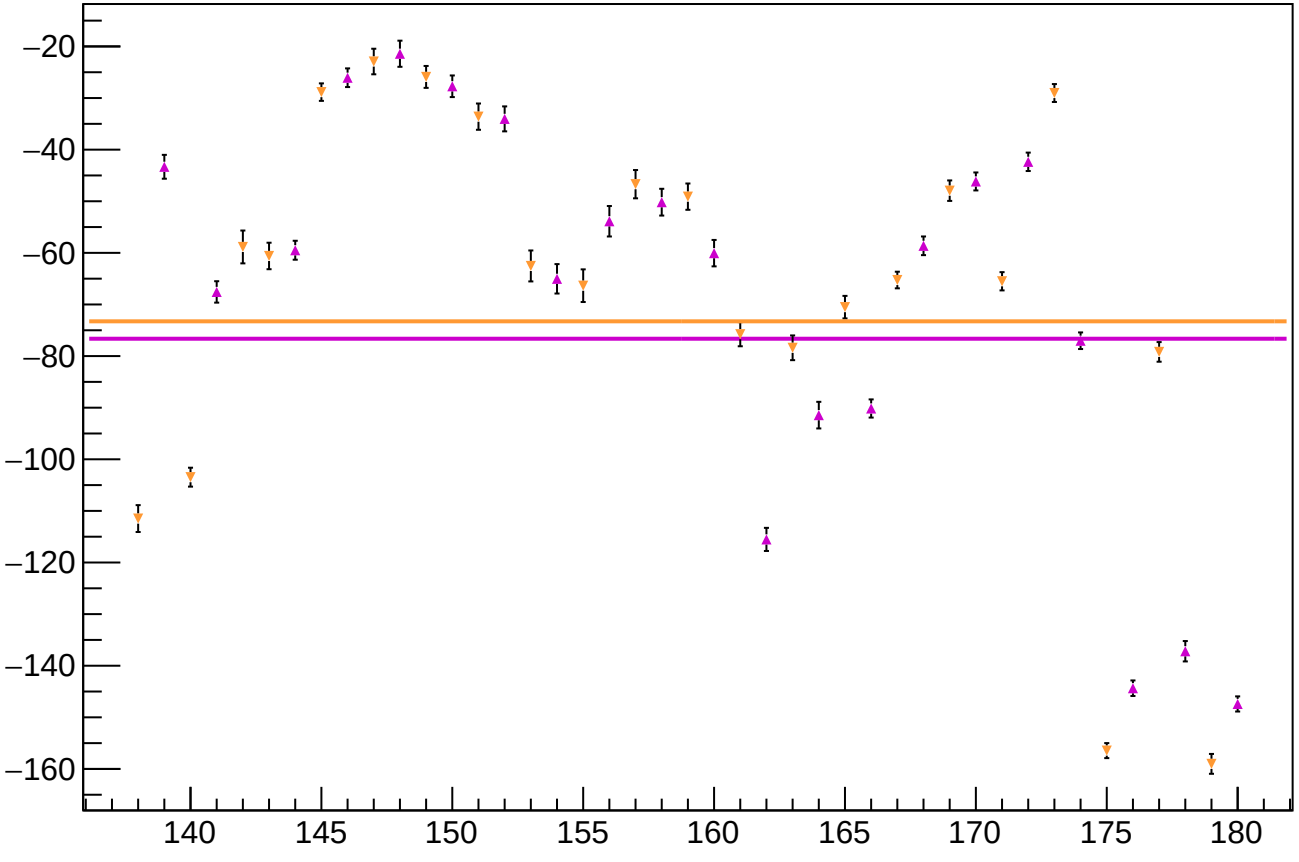
Left In: 0.120+/-0.007 χ^2/NDF:577.7/20

+ sign 0.102+/-0.007 χ^2/NDF: 1252.7/38

All: 0.094+/-0.005 χ^2/NDF: 2933.1/78

- sign 0.086+/-0.006 χ^2/NDF: 1677.7/39

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -73.266+/-0.449 χ^2/NDF:8696.9/21

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

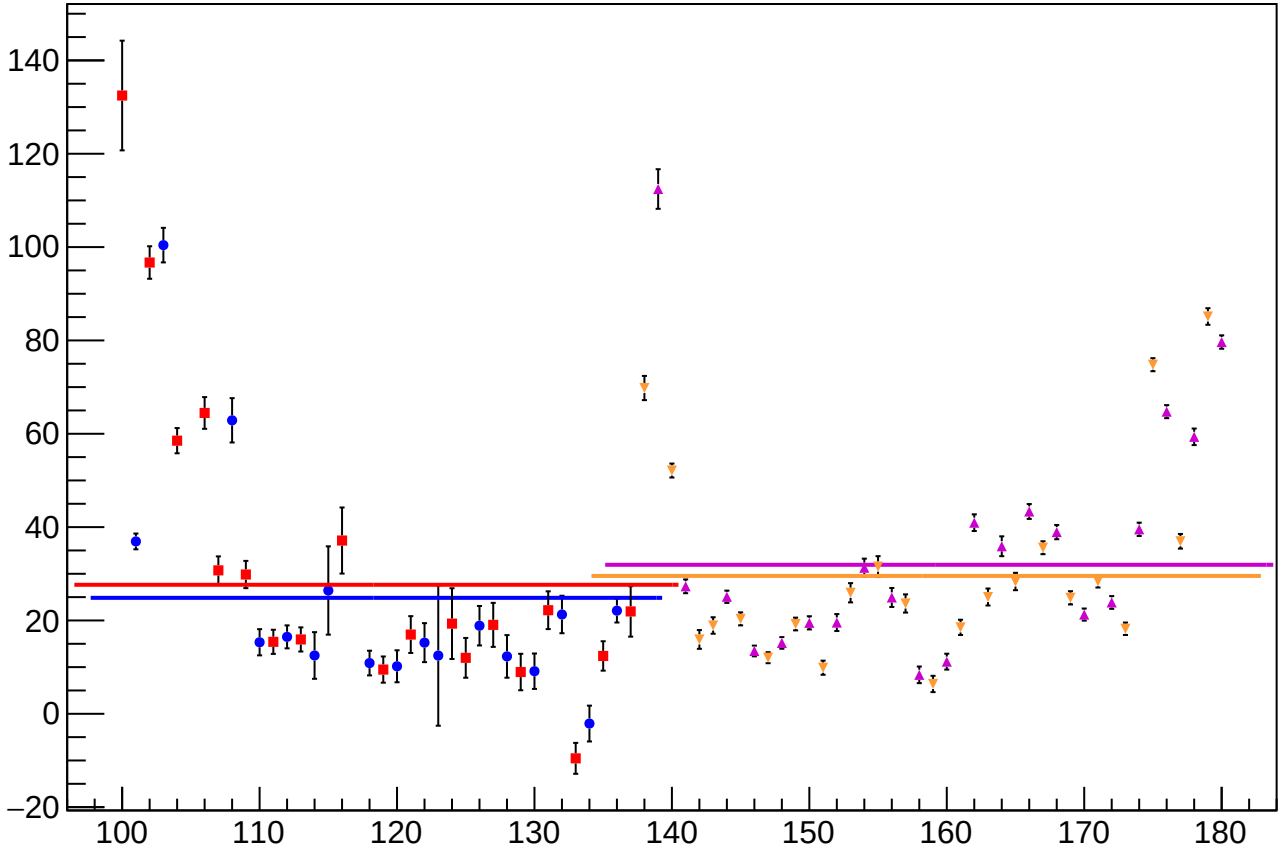
Left In: -76.638+/-0.435 χ^2/NDF:9106.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -75.006+/-0.312 χ^2/NDF: 17832.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 29.542+/-0.339 χ^2/NDF:3425.5/21

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

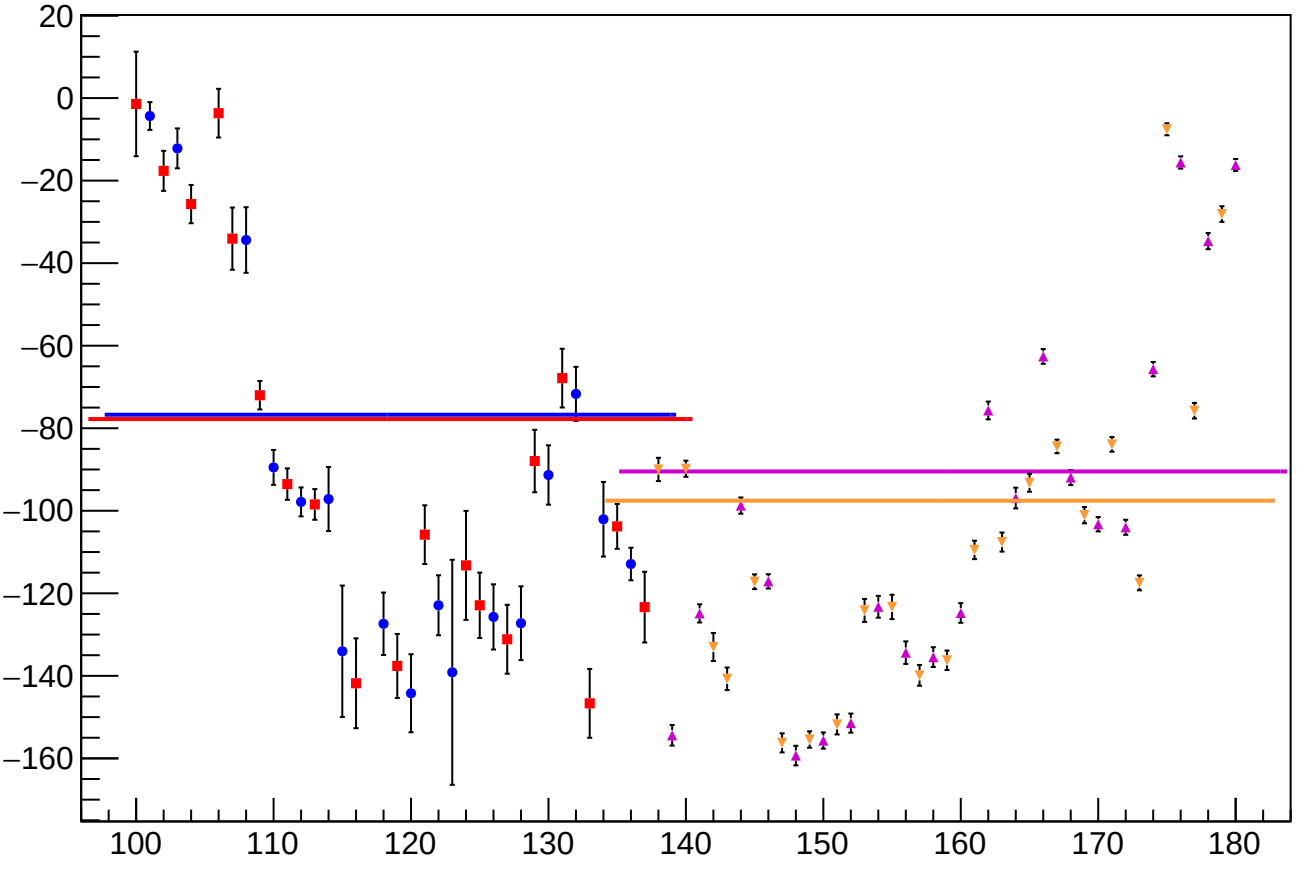
Left In: 31.927+/-0.338 χ^2/NDF:3416.6/20

+ sign 28.829+/-0.312 χ^2/NDF: 4145.5/38

All: 30.061+/-0.221 χ^2/NDF: 8626.2/78

- sign 31.293+/-0.312 χ^2/NDF: 4449.5/39

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -97.559+/-0.448 χ^2/NDF:8800.8/21

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

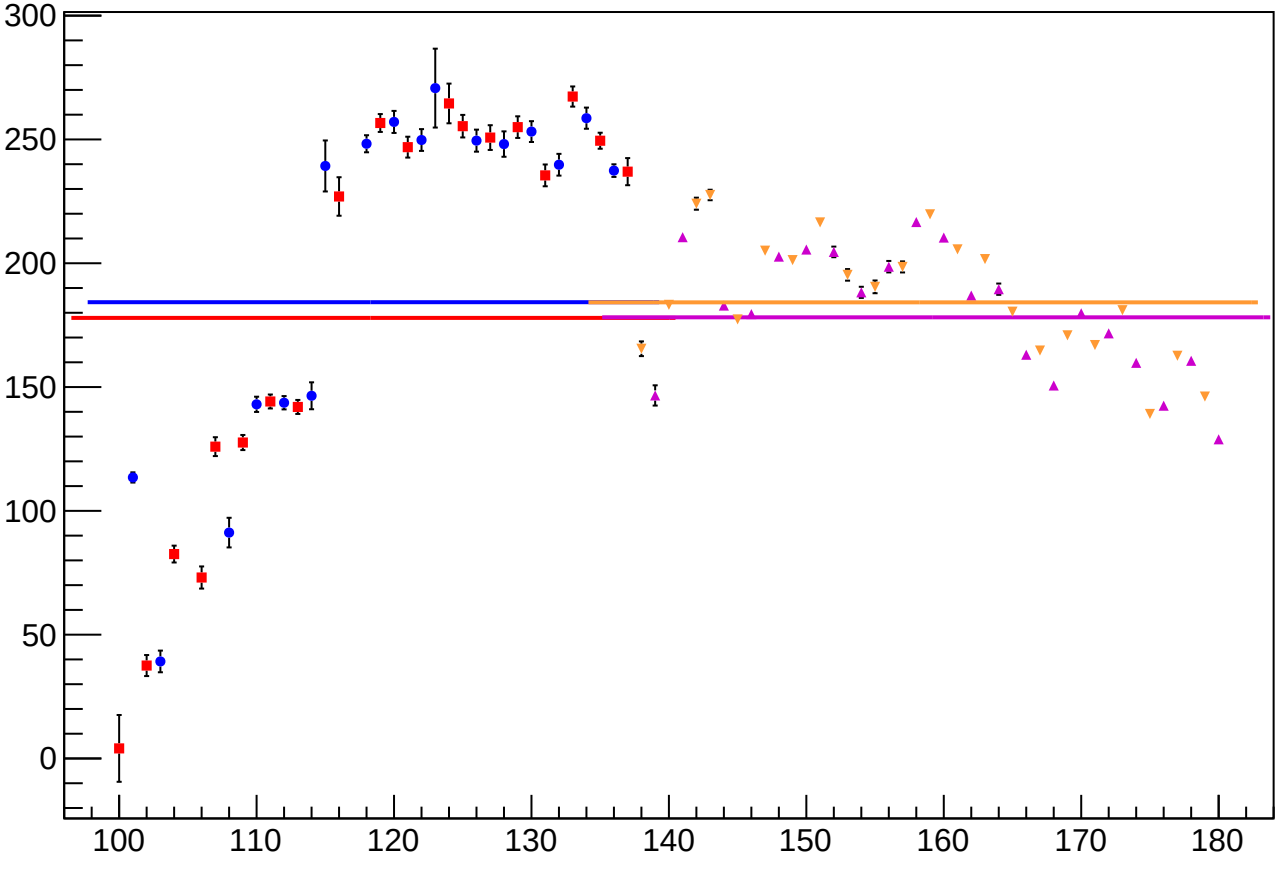
Left In: -90.476+/-0.433 χ^2/NDF:11290.7/20

+ sign -95.655+/-0.427 χ^2/NDF: 10040.6/38

All: -92.365+/-0.297 χ^2/NDF: 22397.8/78

- sign -89.293+/-0.413 χ^2/NDF: 12242.5/39

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 184.208+/-0.385 χ^2/NDF:3827.8/21

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

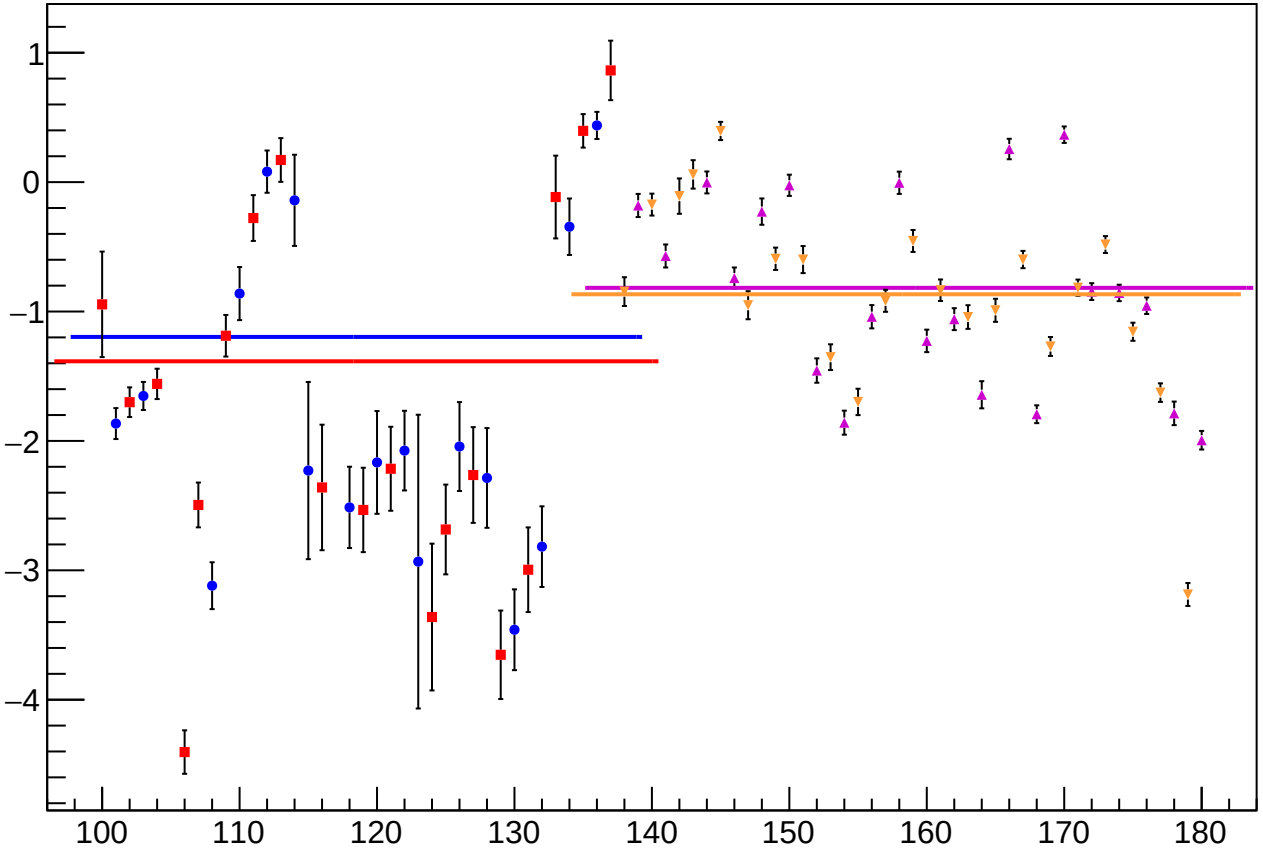
Left In: 178.162+/-0.382 χ^2/NDF:4076.9/20

+ sign 184.217+/-0.355 χ^2/NDF: 9228.8/38

All: 181.155+/-0.250 χ^2/NDF: 19784.6/78

- sign 178.128+/-0.353 χ^2/NDF: 10407.9/39

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.867+/-0.018 χ^2/NDF:1523.4/21

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

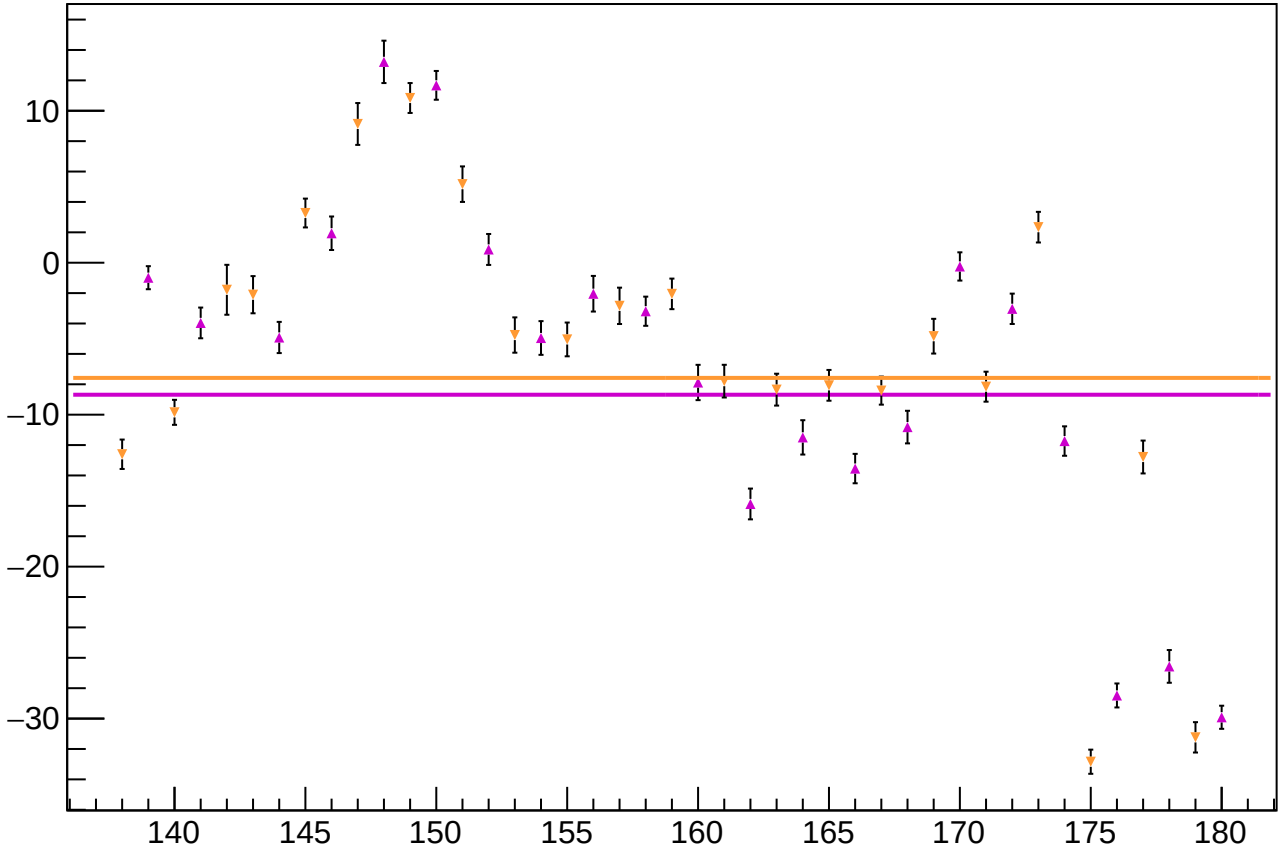
Left In: -0.817+/-0.017 χ^2/NDF:1757.3/20

+ sign -0.906+/-0.017 χ^2/NDF: 2187.9/38

All: -0.897+/-0.012 χ^2/NDF: 5004.6/78

- sign -0.889+/-0.016 χ^2/NDF: 2816.2/39

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -7.580+/-0.222 χ^2/NDF:2569.5/21

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

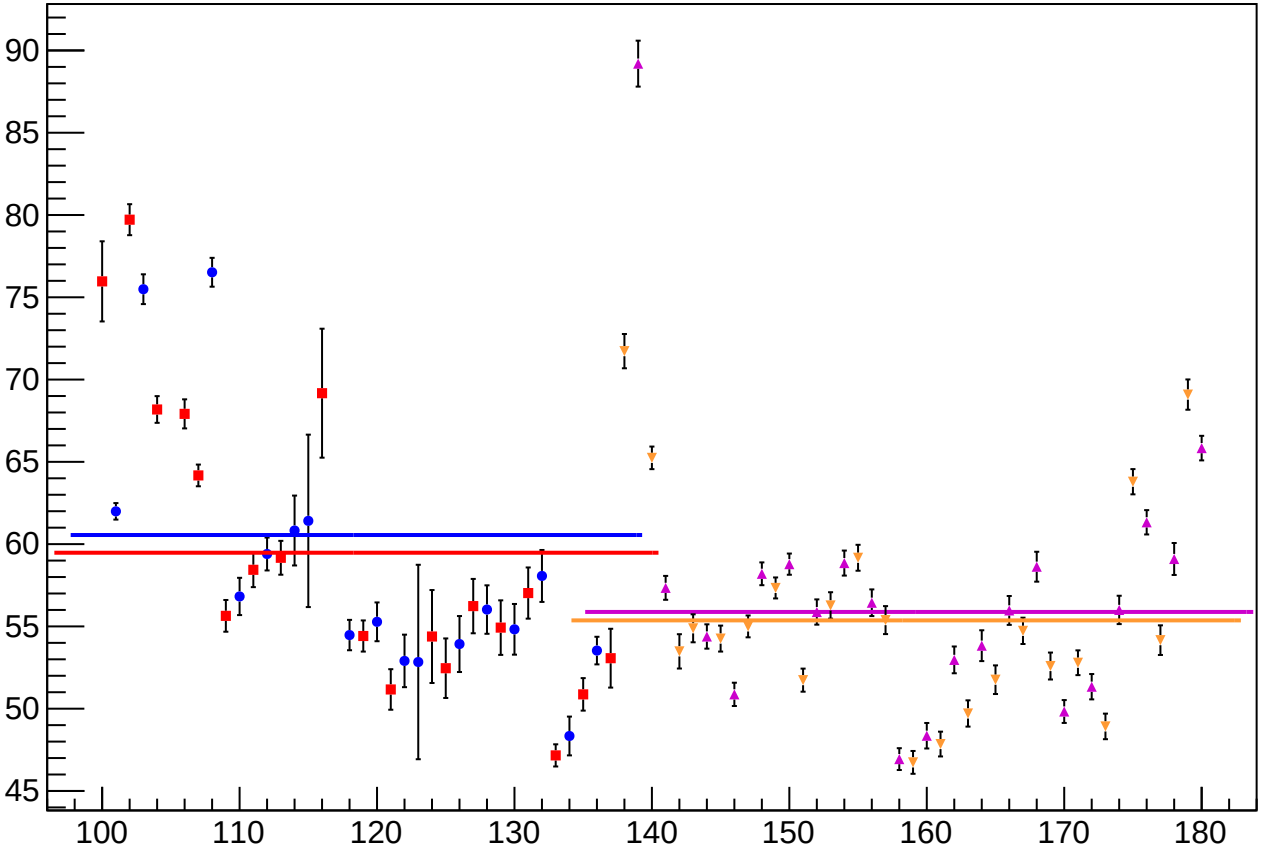
Left In: -8.687+/-0.215 χ^2/NDF:2997.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.149+/-0.154 χ^2/NDF: 5579.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 55.365+/-0.168 χ^2/NDF:1279.5/21

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

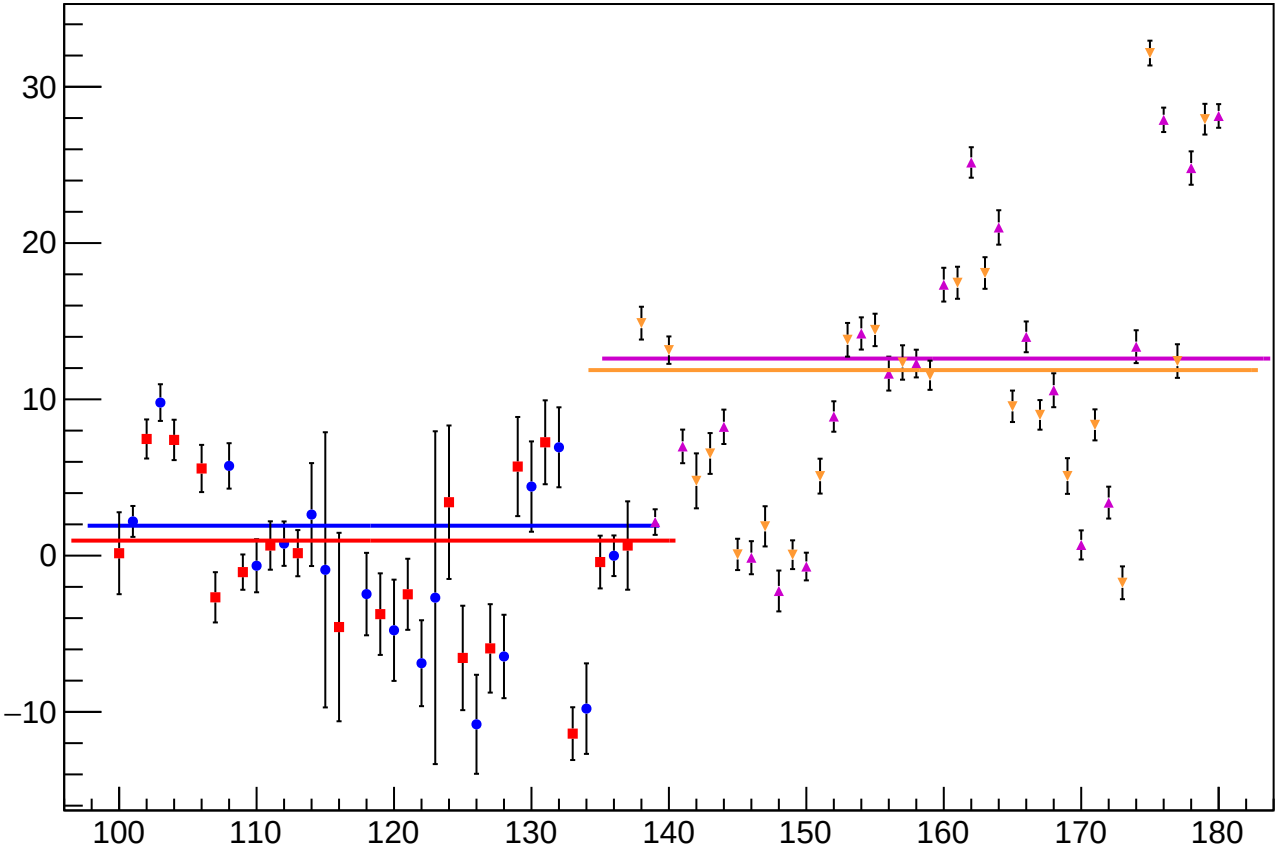
Left In: 55.879+/-0.170 χ^2/NDF:1331.7/20

+ sign 56.876+/-0.141 χ^2/NDF: 2489.2/38

All: 56.954+/-0.099 χ^2/NDF: 5281.7/78

- sign 57.031+/-0.140 χ^2/NDF: 2791.9/39

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 11.871+/-0.220 χ^2/NDF:1671.5/21

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

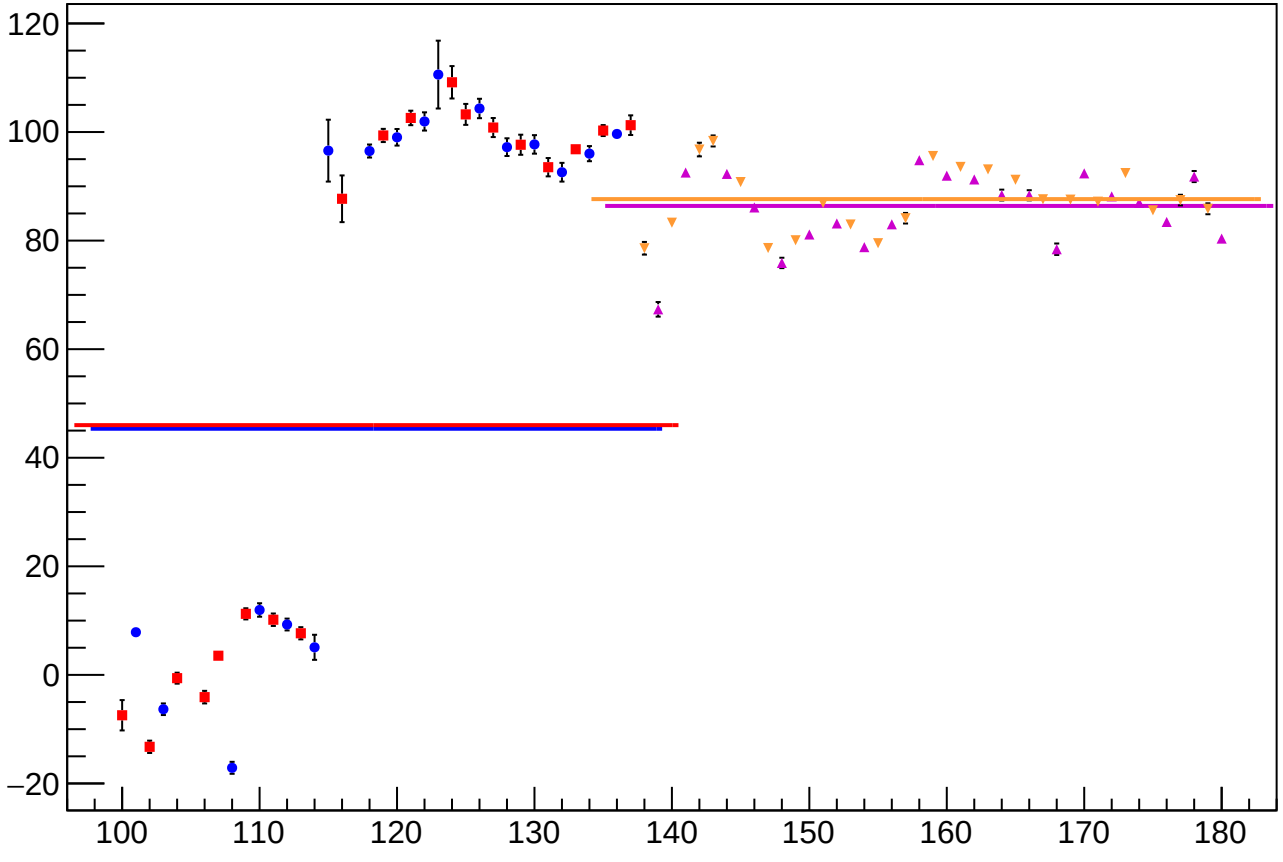
Left In: 12.609+/-0.214 χ^2/NDF:2151.3/20

+ sign 10.003+/-0.198 χ^2/NDF: 2177.5/38

All: 10.134+/-0.137 χ^2/NDF: 5080.9/78

- sign 10.255+/-0.191 χ^2/NDF: 2902.5/39

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 87.644+/-0.190 χ^2/NDF:854.4/21

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

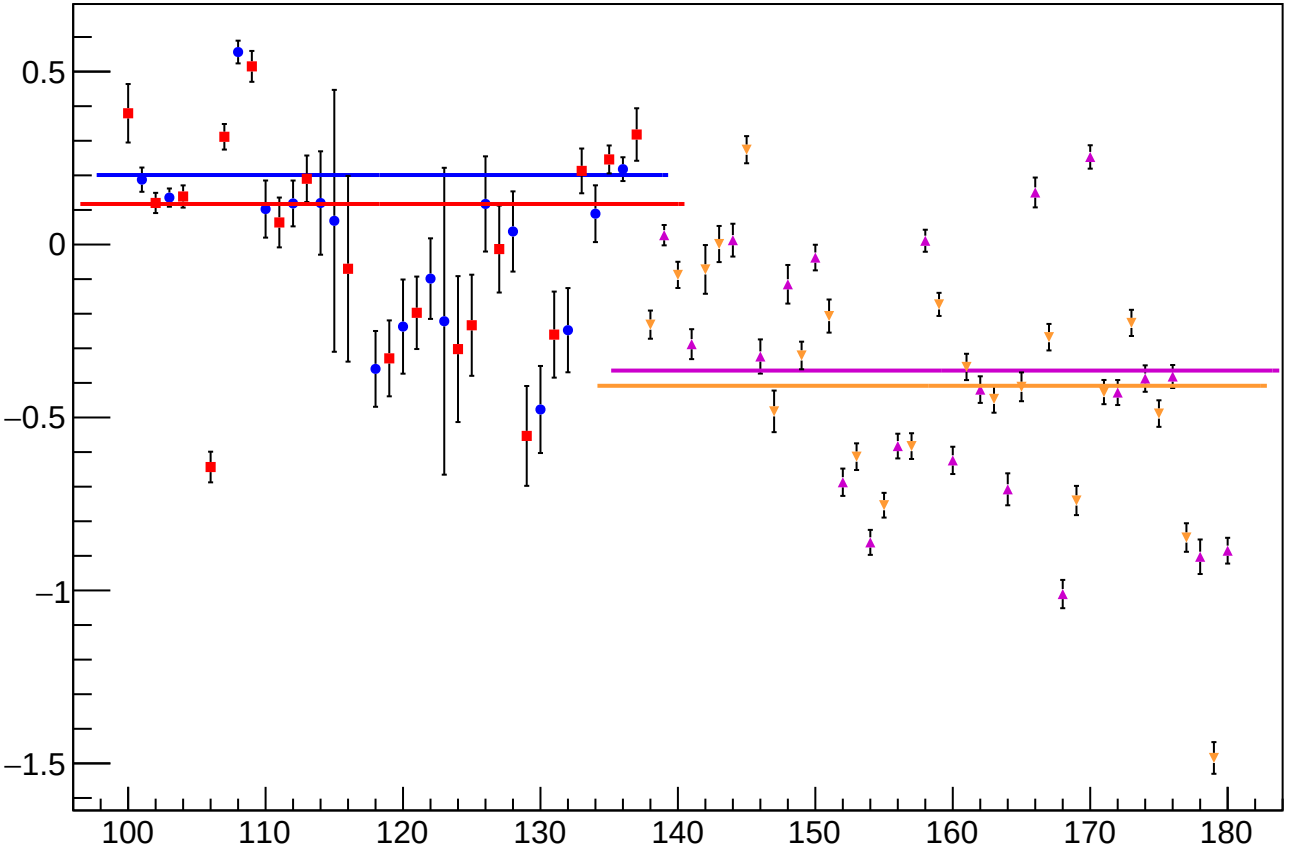
Left In: 86.388+/-0.191 χ^2/NDF:1023.2/20

+ sign 75.705+/-0.161 χ^2/NDF: 39892.4/38

All: 74.927+/-0.113 χ^2/NDF: 82752.6/78

- sign 74.167+/-0.159 χ^2/NDF: 42814.1/39

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.408+/-0.009 χ^2/NDF:1464.6/21

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

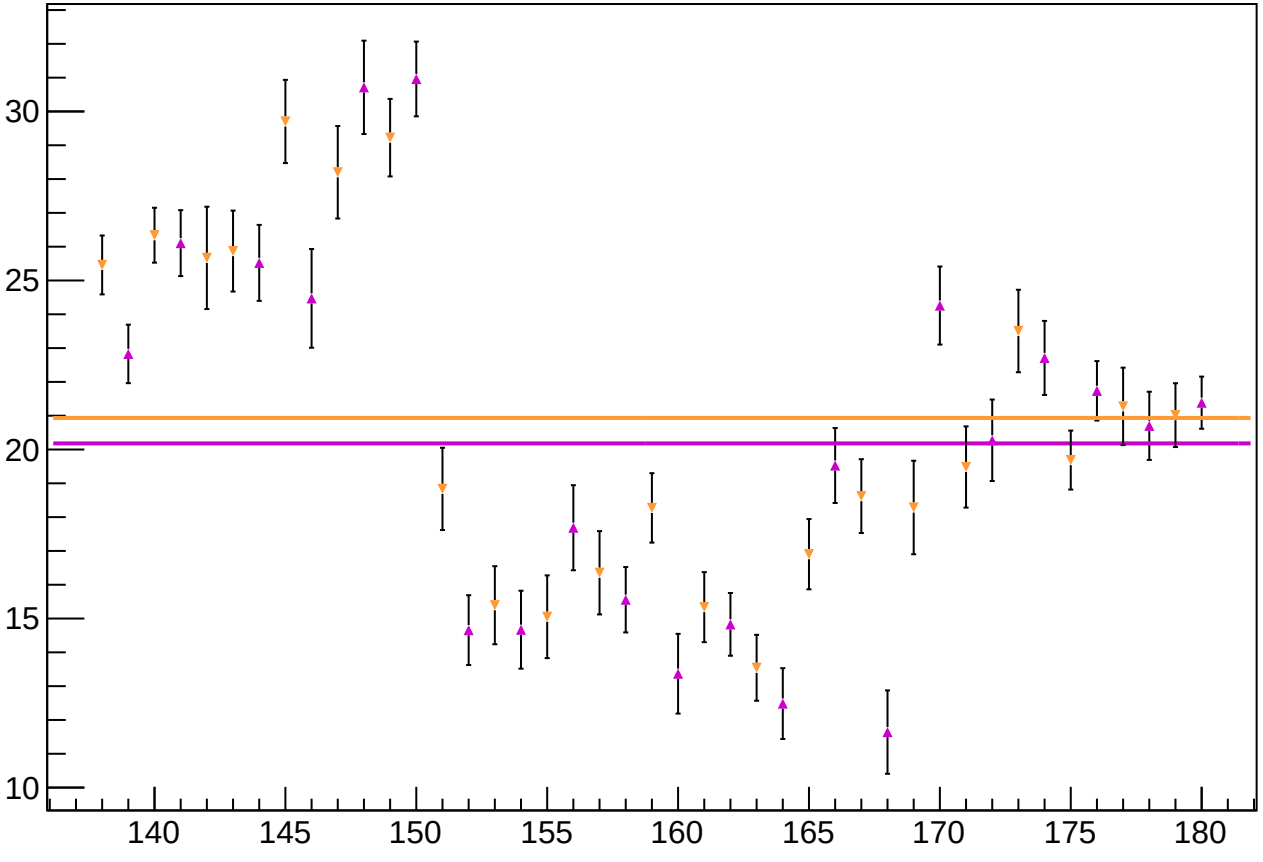
Left In: -0.364+/-0.008 χ^2/NDF:1915.1/20

+ sign -0.240+/-0.007 χ^2/NDF: 3047.6/38

All: -0.231+/-0.005 χ^2/NDF: 6429.8/78

- sign -0.222+/-0.007 χ^2/NDF: 3379.0/39

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 20.934+/-0.233 χ^2/NDF:416.9/21

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

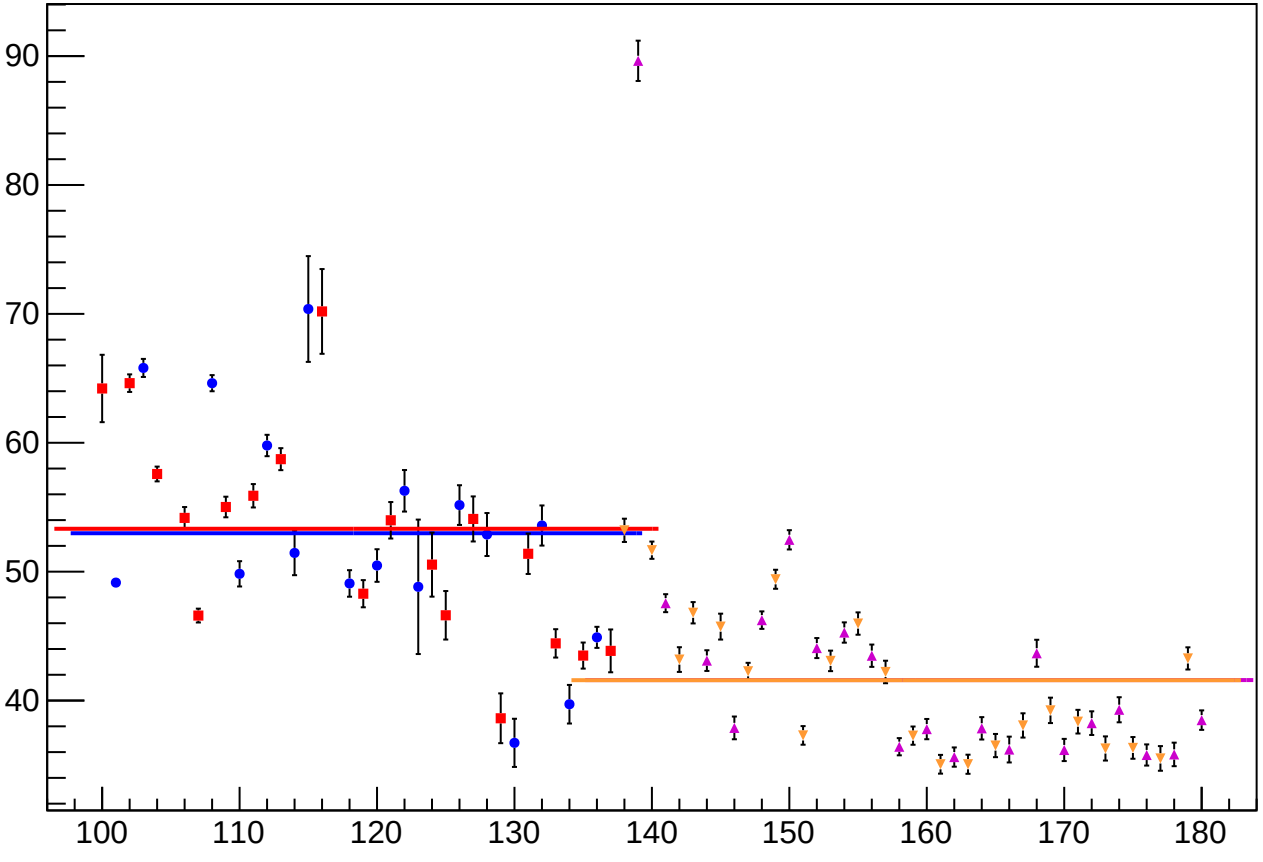
Left In: 20.181+/-0.230 χ^2/NDF:501.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 20.554+/-0.164 χ^2/NDF: 923.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 41.579+/-0.175 χ^2/NDF:1004.1/21

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

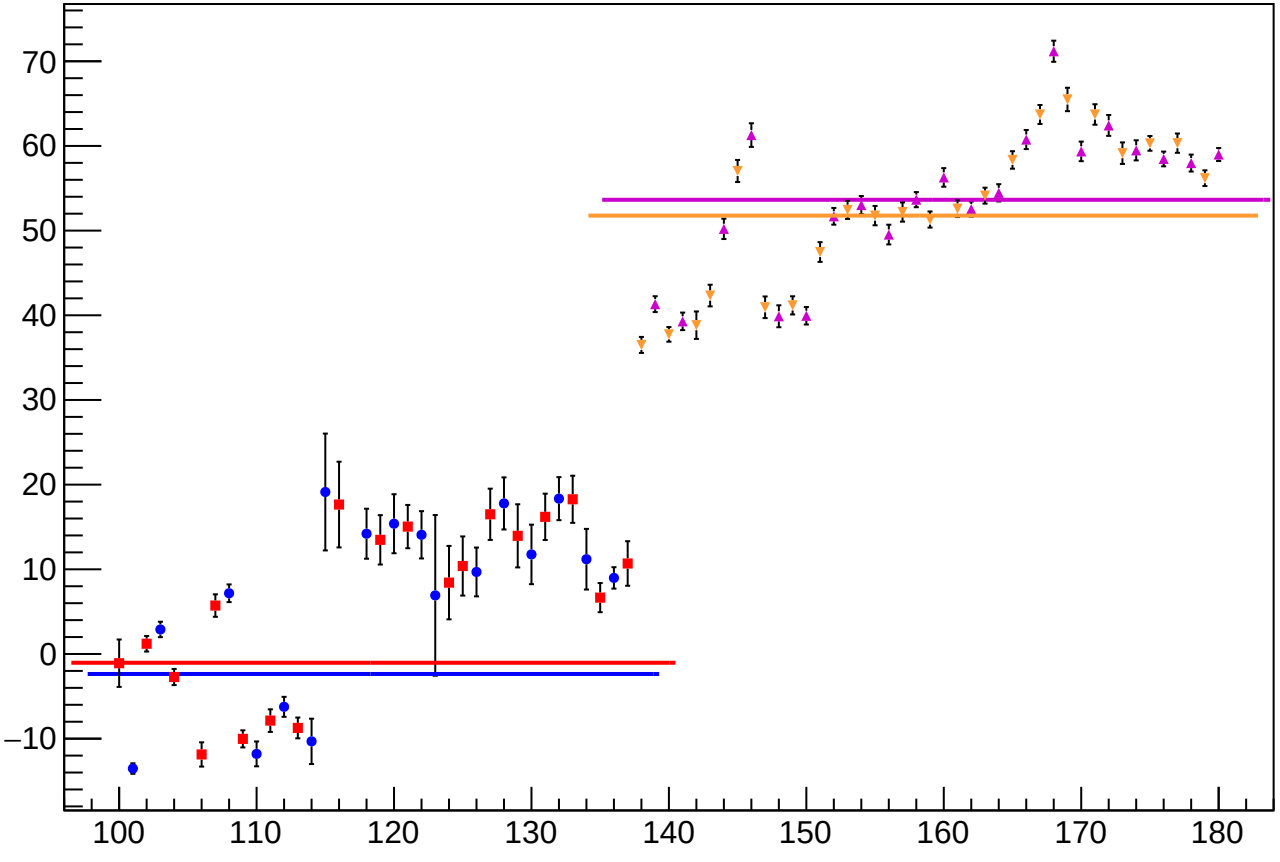
Left In: 41.589+/-0.180 χ^2/NDF:1698.6/20

+ sign 46.255+/-0.135 χ^2/NDF: 3938.2/38

All: 46.198+/-0.097 χ^2/NDF: 8152.7/78

- sign 46.136+/-0.141 χ^2/NDF: 4214.2/39

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 51.773+/-0.231 χ^2/NDF:1409.2/21

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

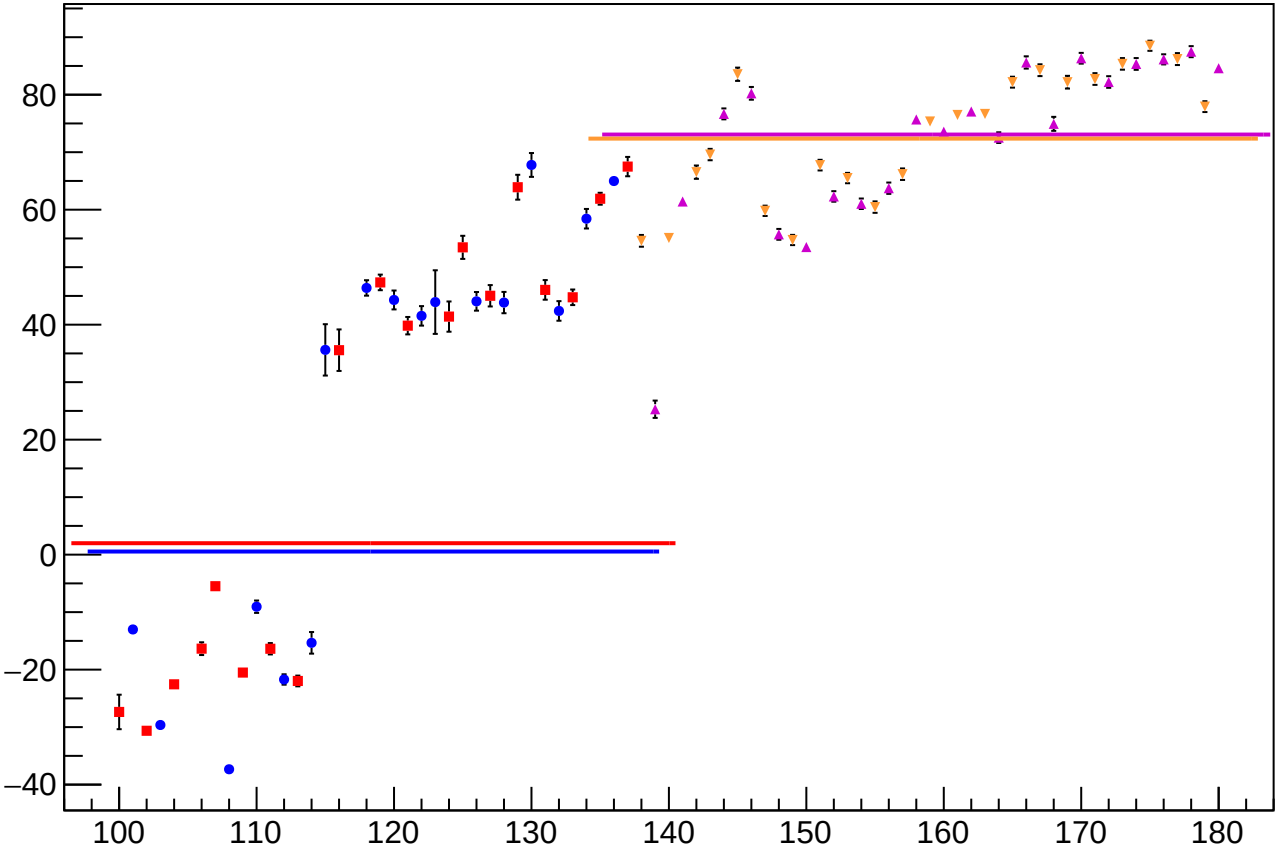
Left In: 53.641+/-0.228 χ^2/NDF:1150.9/20

+ sign 36.218+/-0.195 χ^2/NDF: 18028.3/38

All: 37.624+/-0.138 χ^2/NDF: 35210.0/78

- sign 39.028+/-0.195 χ^2/NDF: 17077.9/39

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 72.362+/-0.199 χ^2/NDF:2946.9/21

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

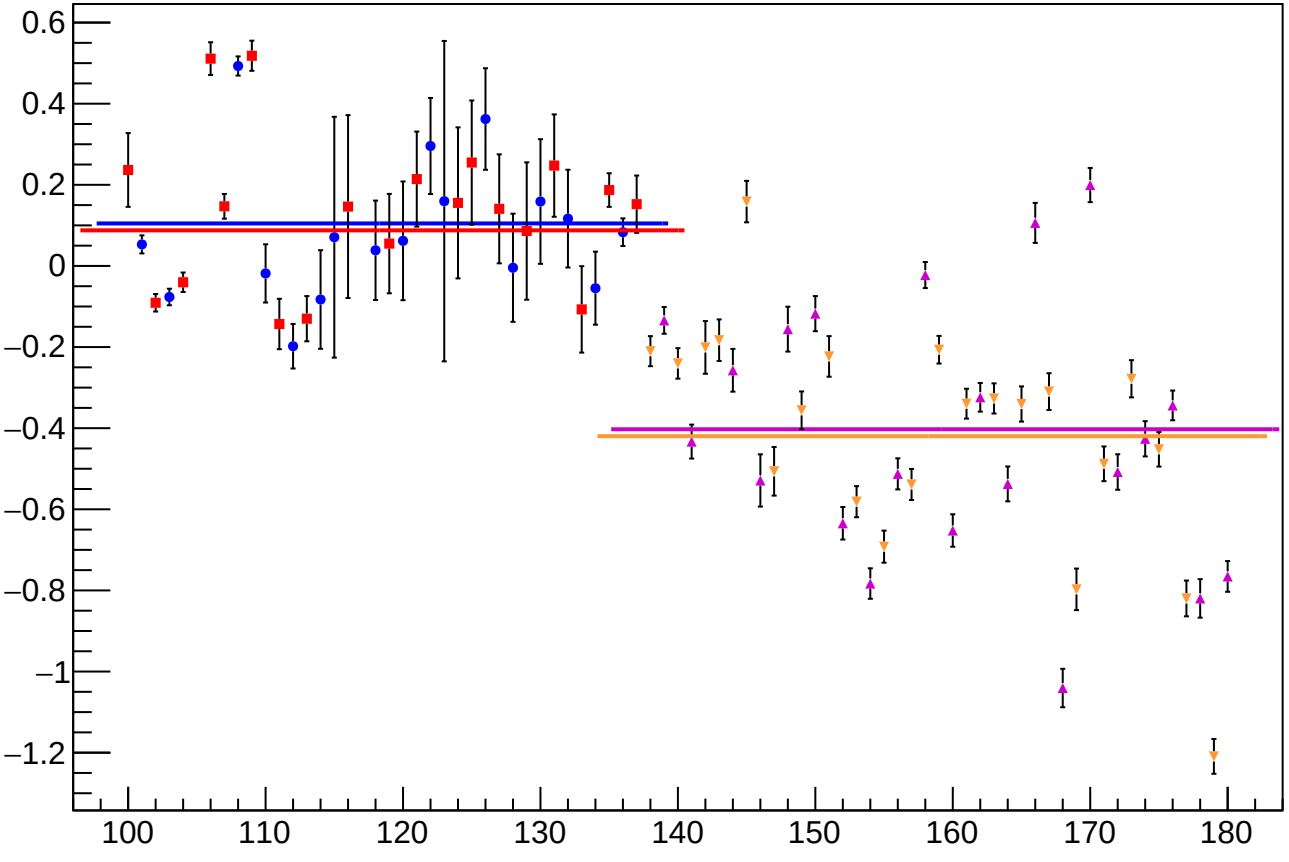
Left In: 73.067+/-0.202 χ^2/NDF:3765.8/20

+ sign 43.988+/-0.155 χ^2/NDF: 72639.0/38

All: 45.477+/-0.112 χ^2/NDF: 137196.8/78

- sign 47.085+/-0.161 χ^2/NDF: 64366.0/39

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.420+/-0.009 χ^2/NDF:857.9/21

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

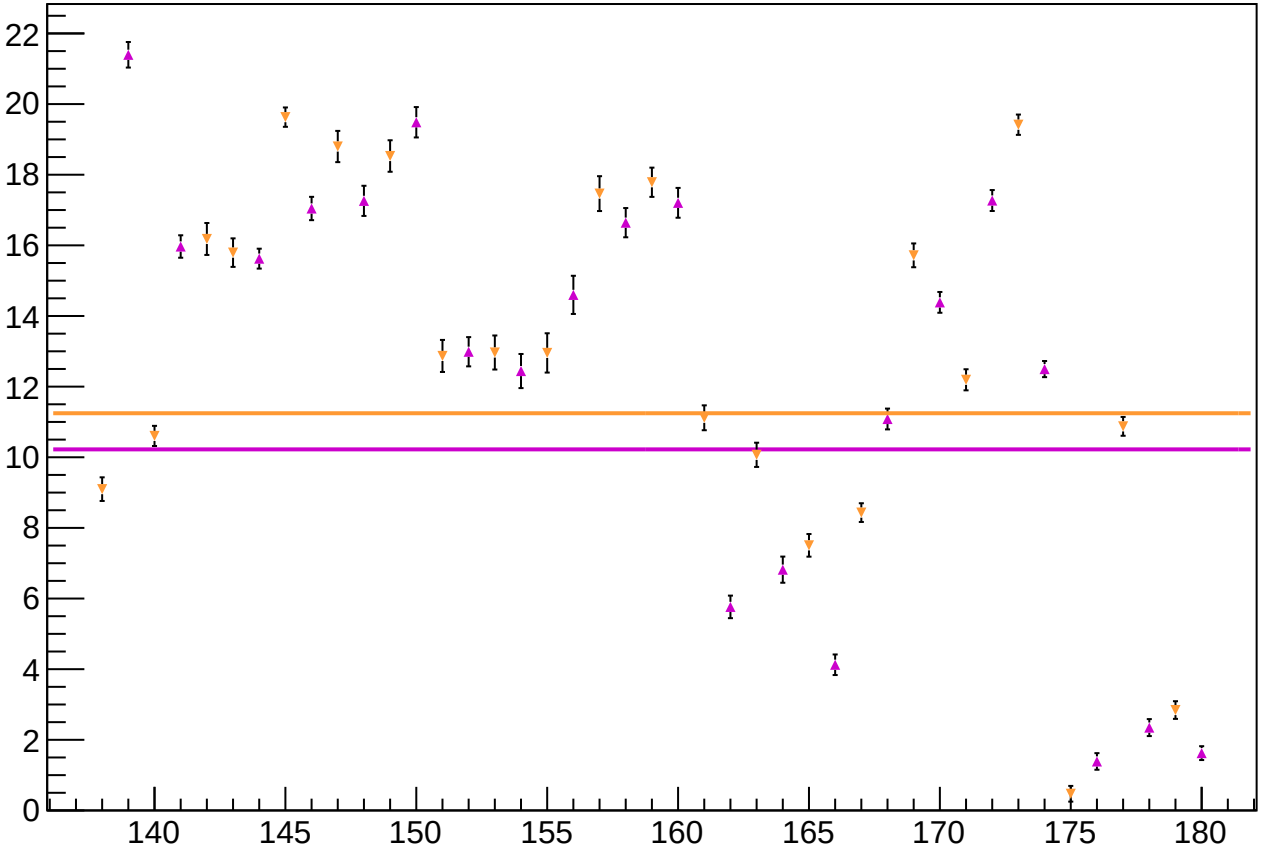
Left In: -0.403+/-0.009 χ^2/NDF:1149.1/20

+ sign -0.206+/-0.007 χ^2/NDF: 2597.3/38

All: -0.206+/-0.005 χ^2/NDF: 5323.9/78

- sign -0.205+/-0.007 χ^2/NDF: 2726.6/39

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 11.247+/-0.071 χ^2/NDF:6963.0/21

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

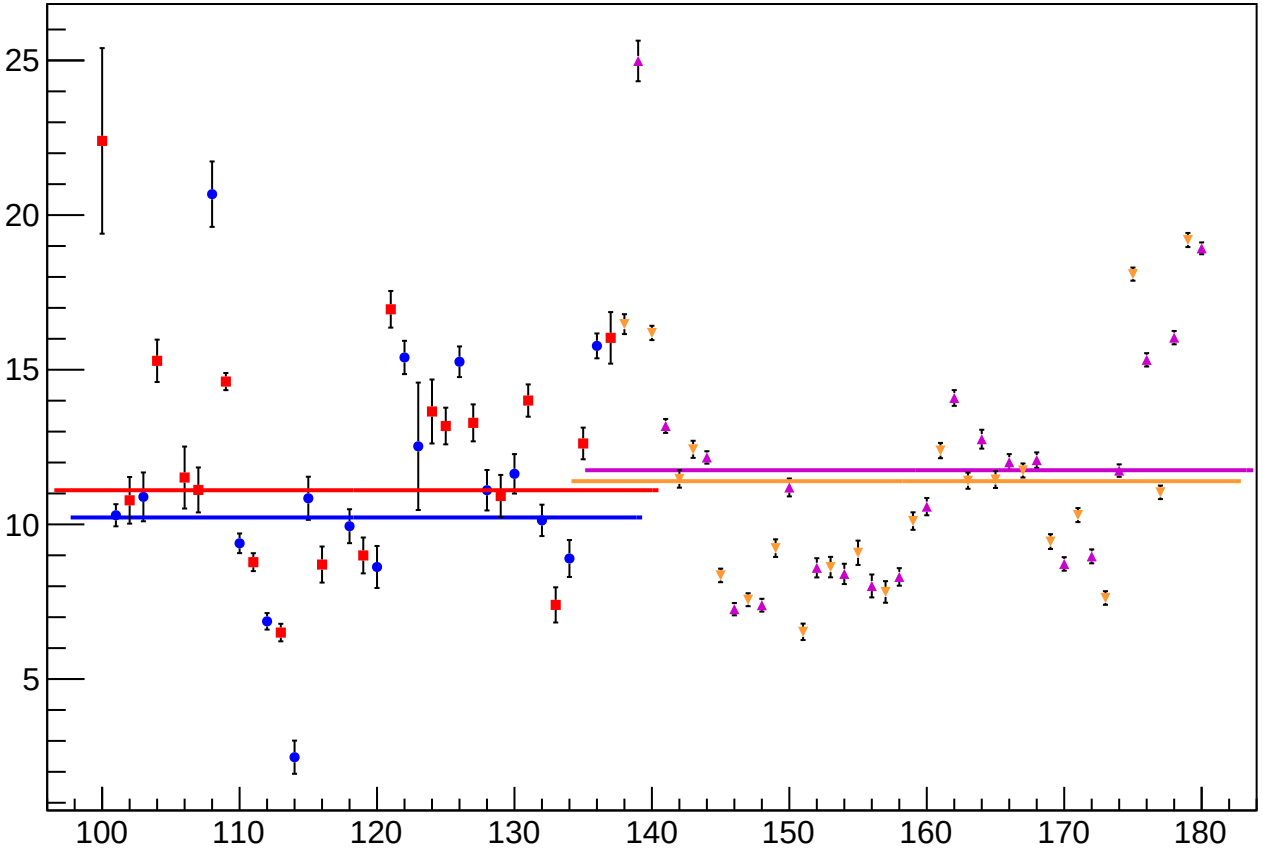
Left In: 10.223+/-0.068 χ^2/NDF:9451.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.713+/-0.049 χ^2/NDF: 16524.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 11.398+/-0.054 χ^2/NDF:4402.1/21

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

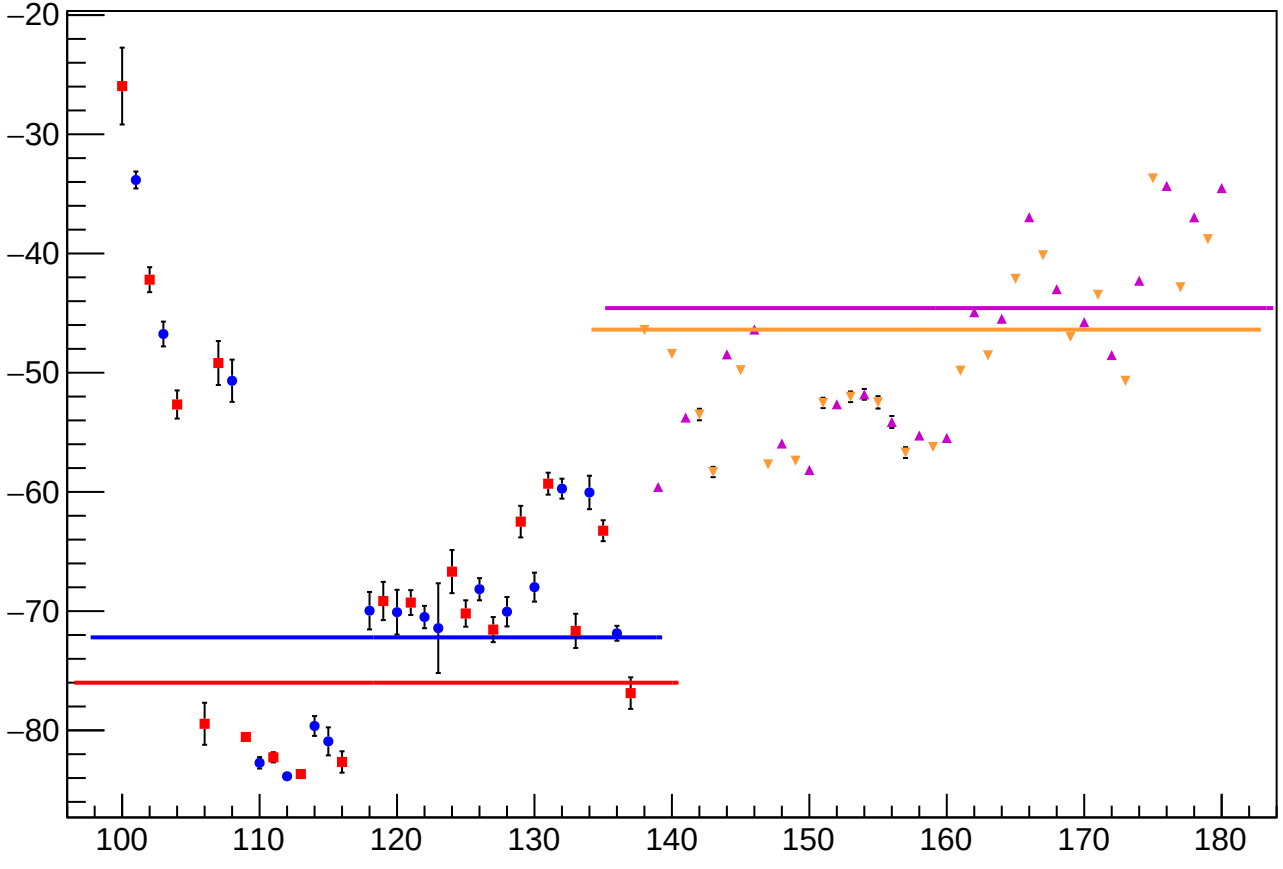
Left In: 11.751+/-0.053 χ^2/NDF:4392.3/20

+ sign 11.197+/-0.049 χ^2/NDF: 5360.4/38

All: 11.421+/-0.035 χ^2/NDF: 10636.3/78

- sign 11.639+/-0.049 χ^2/NDF: 5235.0/39

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -46.384+/-0.071 χ^2/NDF:9799.2/21

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

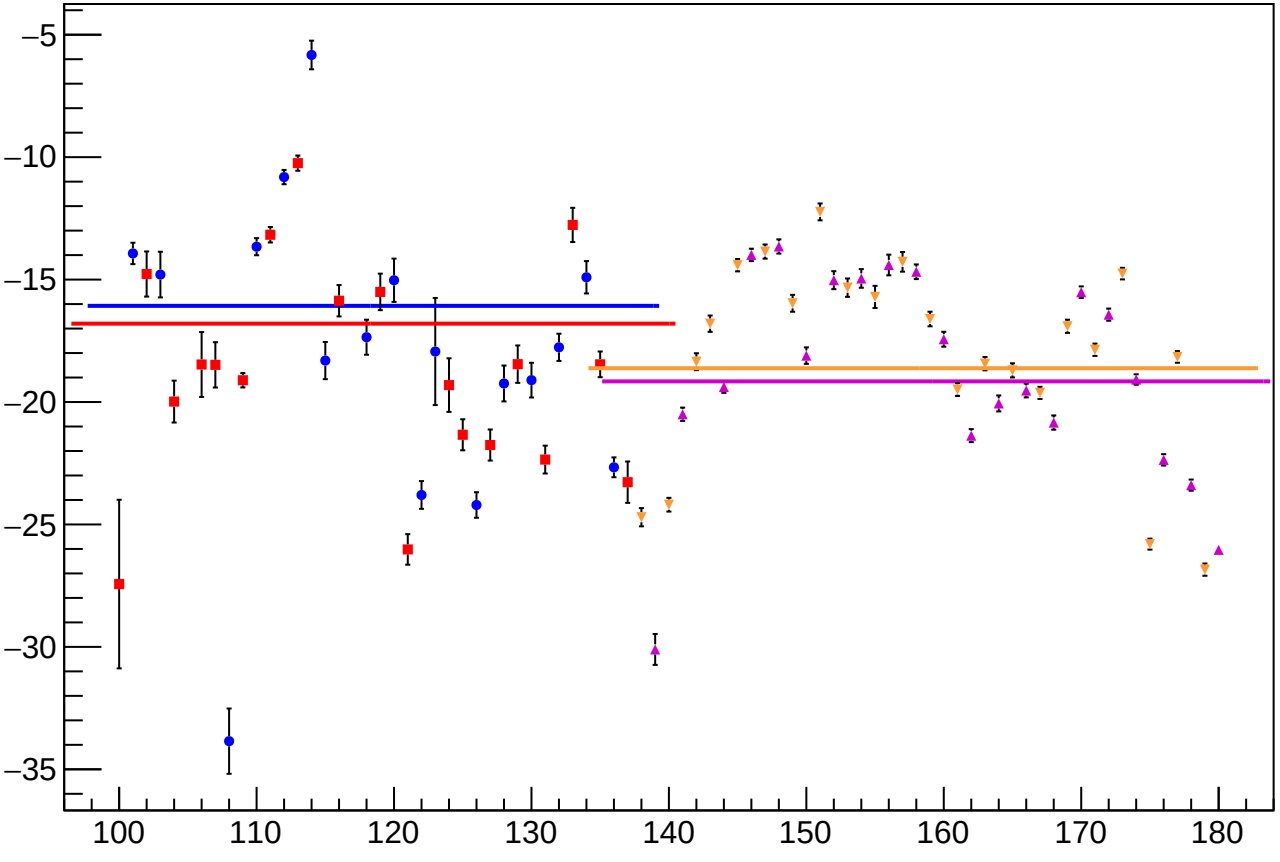
Left In: -44.582+/-0.068 χ^2/NDF:13521.3/20

+ sign -49.310+/-0.067 χ^2/NDF: 30487.3/38

All: -48.846+/-0.046 χ^2/NDF: 74034.8/78

- sign -48.426+/-0.063 χ^2/NDF: 43455.0/39

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -18.619+/-0.061 χ^2/NDF:4384.8/21

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

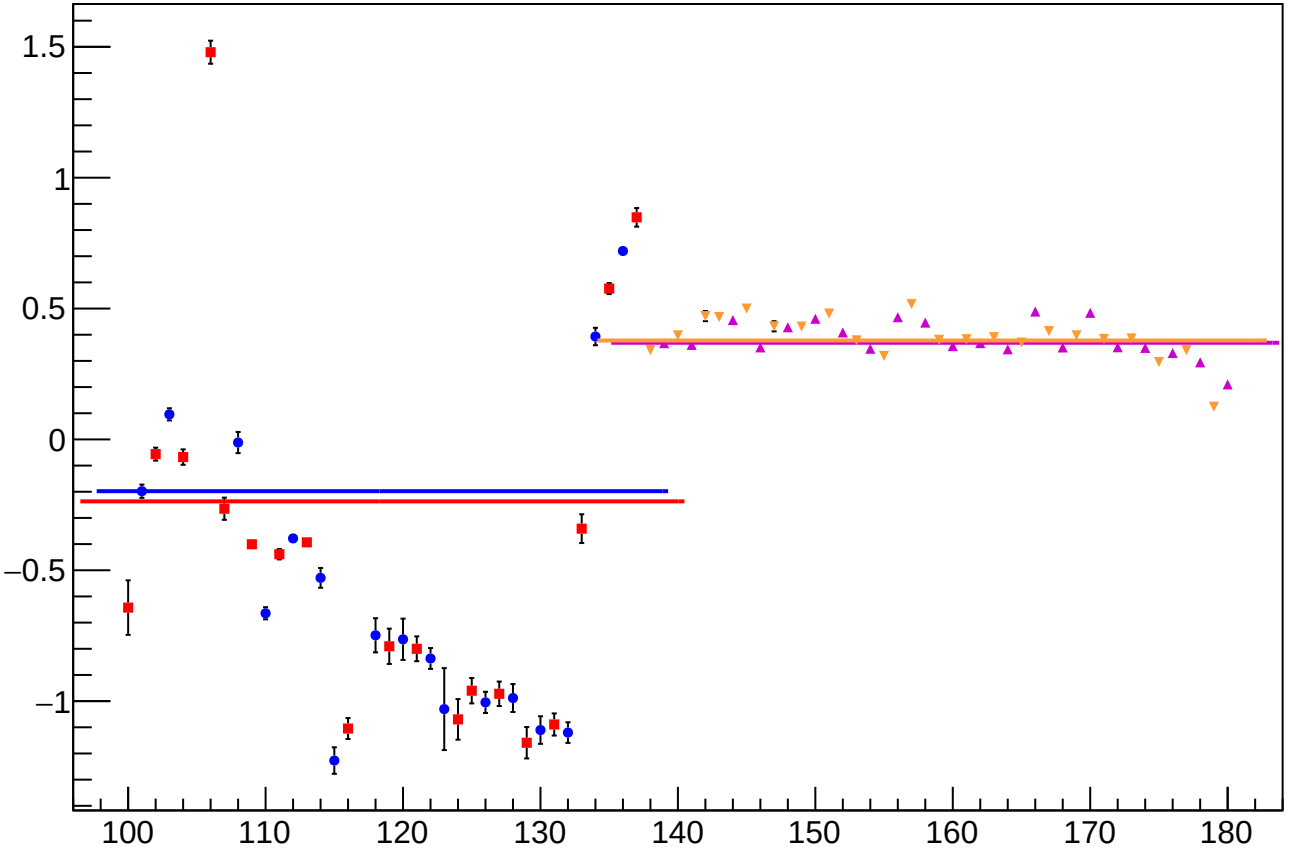
Left In: -19.157+/-0.060 χ^2/NDF:3885.1/20

+ sign -18.171+/-0.055 χ^2/NDF: 6331.9/38

All: -18.458+/-0.039 χ^2/NDF: 11763.1/78

- sign -18.733+/-0.054 χ^2/NDF: 5378.7/39

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.378+/-0.003 χ^2/NDF:891.0/21

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

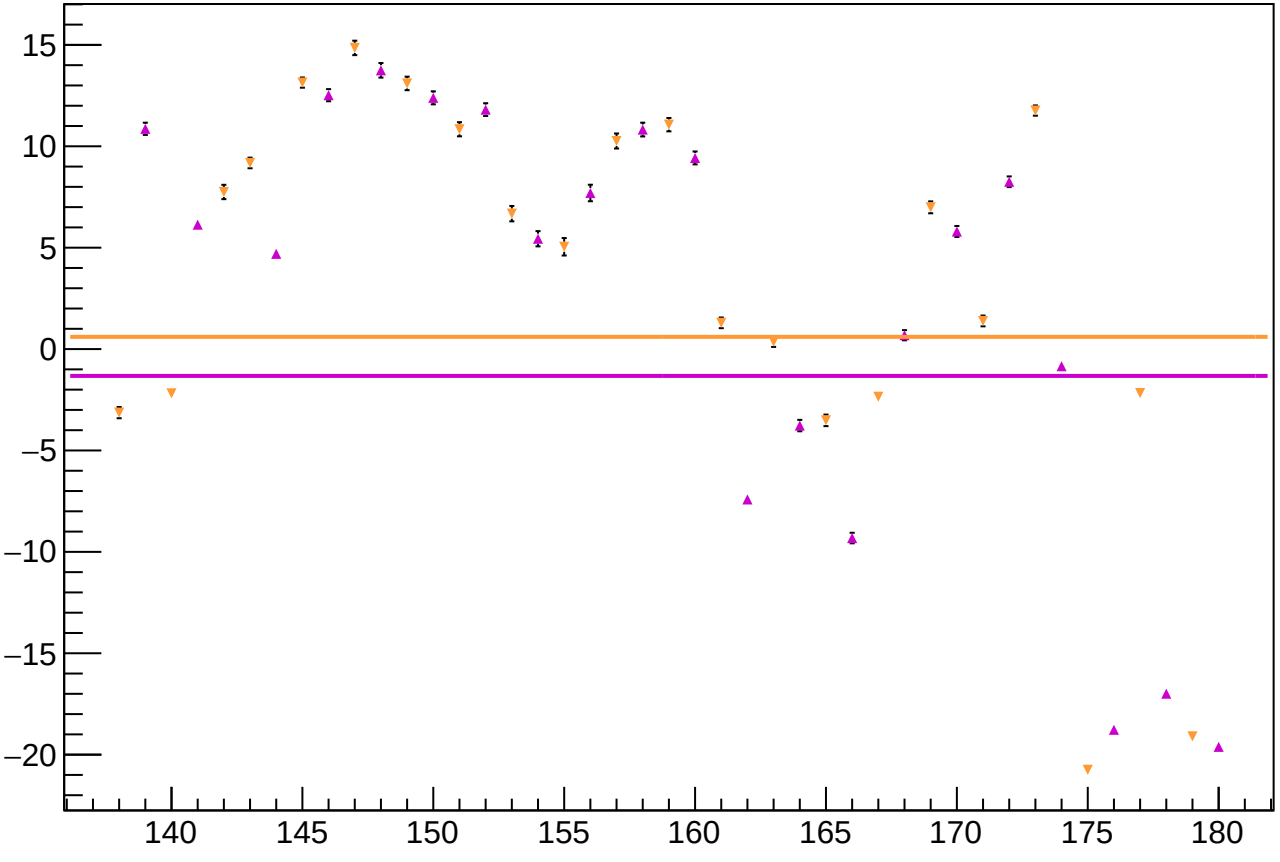
Left In: 0.369+/-0.003 χ^2/NDF:706.0/20

+ sign 0.307+/-0.003 χ^2/NDF: 12350.6/38

All: 0.299+/-0.002 χ^2/NDF: 25526.4/78

- sign 0.292+/-0.003 χ^2/NDF: 13158.8/39

reg_asym_sam8_diff_bpm1X_slope vs Slug



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

Left Out: 0.603+/-0.059 χ^2/NDF:32273.5/21

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

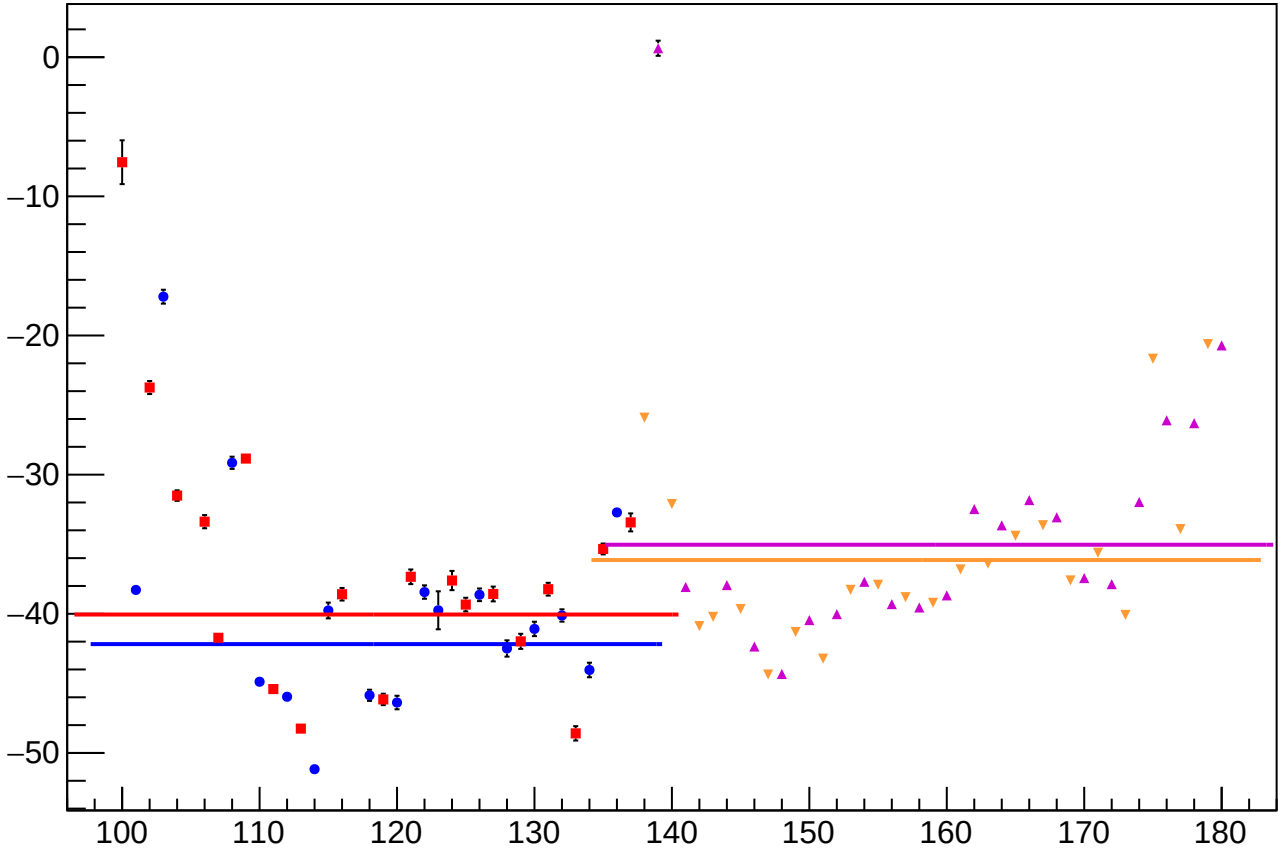
Left In: -1.323+/-0.058 χ^2/NDF:39007.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.377+/-0.041 χ^2/NDF: 71826.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -36.136+/-0.044 χ^2/NDF:19853.7/21

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

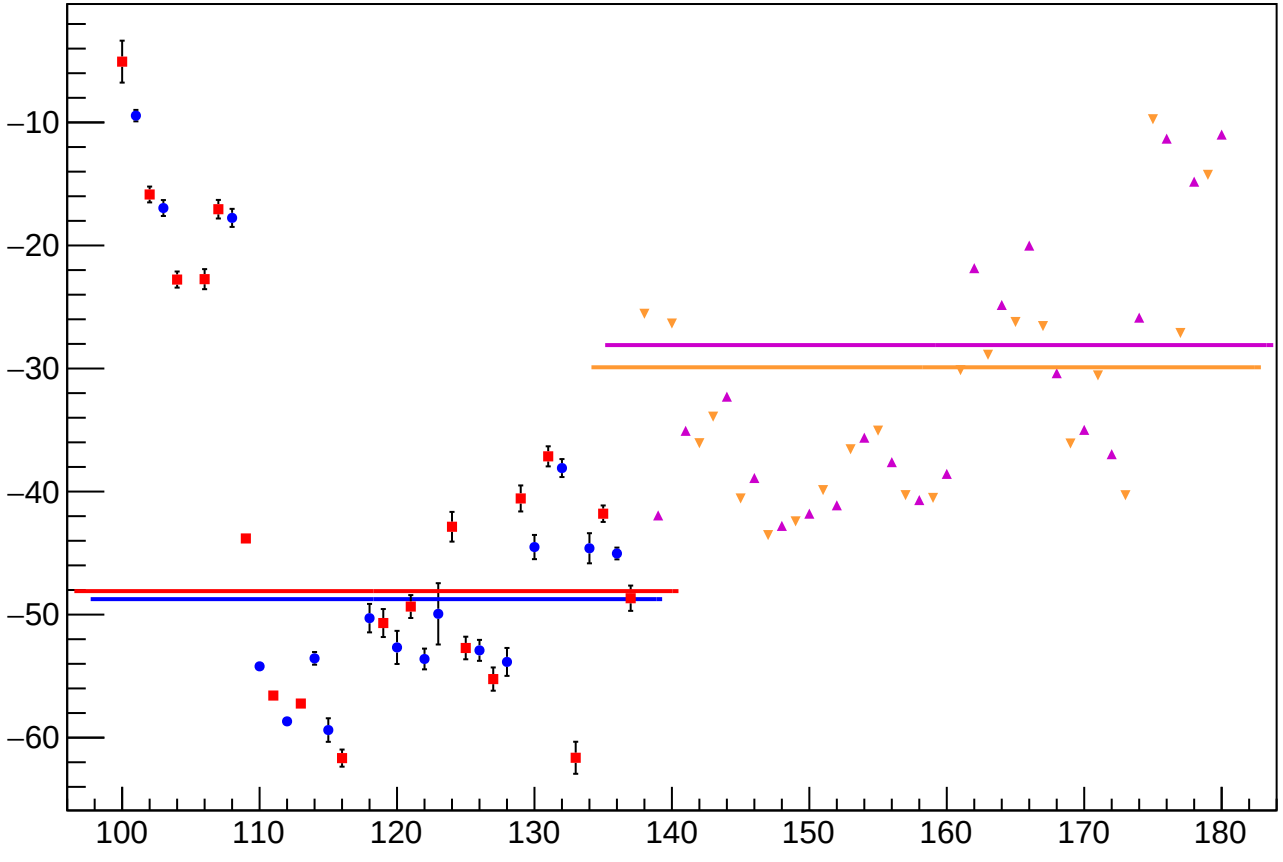
Left In: -35.038+/-0.045 χ^2/NDF:22635.6/20

+ sign -37.625+/-0.039 χ^2/NDF: 30977.8/38

All: -37.030+/-0.027 χ^2/NDF: 68820.8/78

- sign -36.439+/-0.038 χ^2/NDF: 37369.2/39

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -29.900+/-0.059 χ^2/NDF:27045.5/21

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

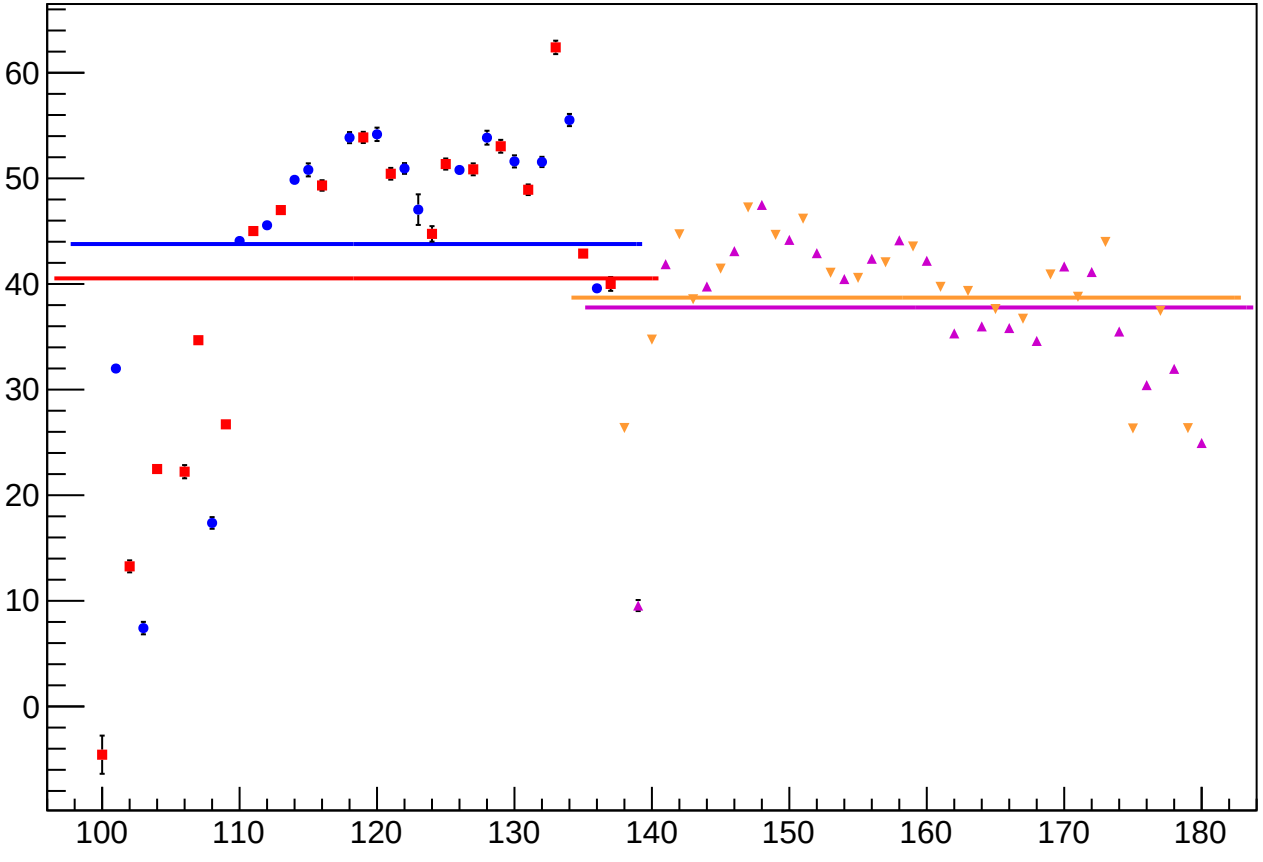
Left In: -28.096+/-0.058 χ^2/NDF:36240.4/20

+ sign -33.343+/-0.053 χ^2/NDF: 60447.2/38

All: -32.944+/-0.037 χ^2/NDF: 135504.2/78

- sign -32.580+/-0.051 χ^2/NDF: 74949.4/39

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 38.710+/-0.051 χ^2/NDF:13510.3/21

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

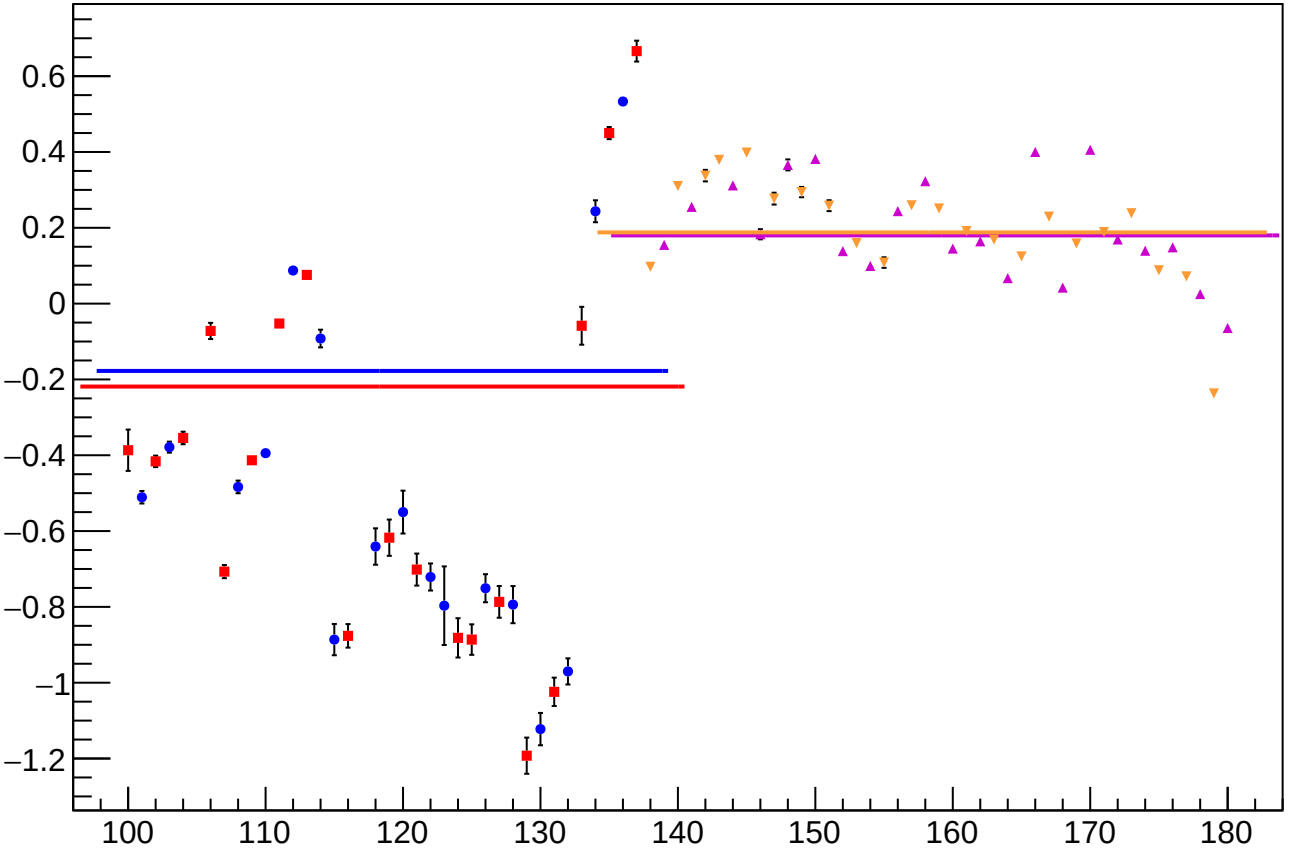
Left In: 37.776+/-0.051 χ^2/NDF:15303.4/20

+ sign 39.998+/-0.044 χ^2/NDF: 26706.9/38

All: 39.272+/-0.031 χ^2/NDF: 60975.7/78

- sign 38.568+/-0.043 χ^2/NDF: 33724.6/39

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.188+/-0.002 χ^2/NDF:3240.9/21

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

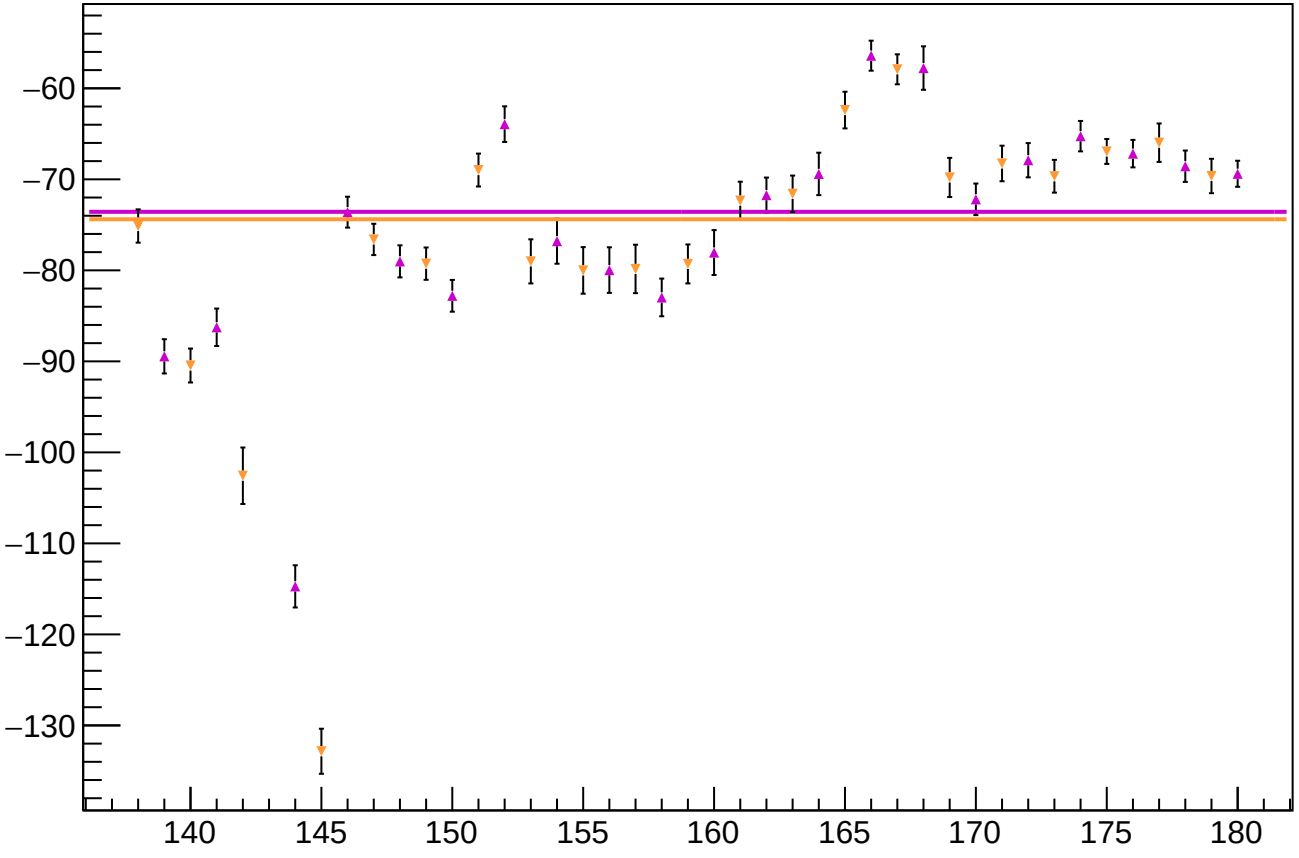
Left In: 0.180+/-0.002 χ^2/NDF:3030.9/20

+ sign 0.118+/-0.002 χ^2/NDF: 15242.7/38

All: 0.104+/-0.001 χ^2/NDF: 32495.3/78

- sign 0.090+/-0.002 χ^2/NDF: 17158.6/39

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -74.388+/-0.430 χ^2/NDF:962.0/20

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

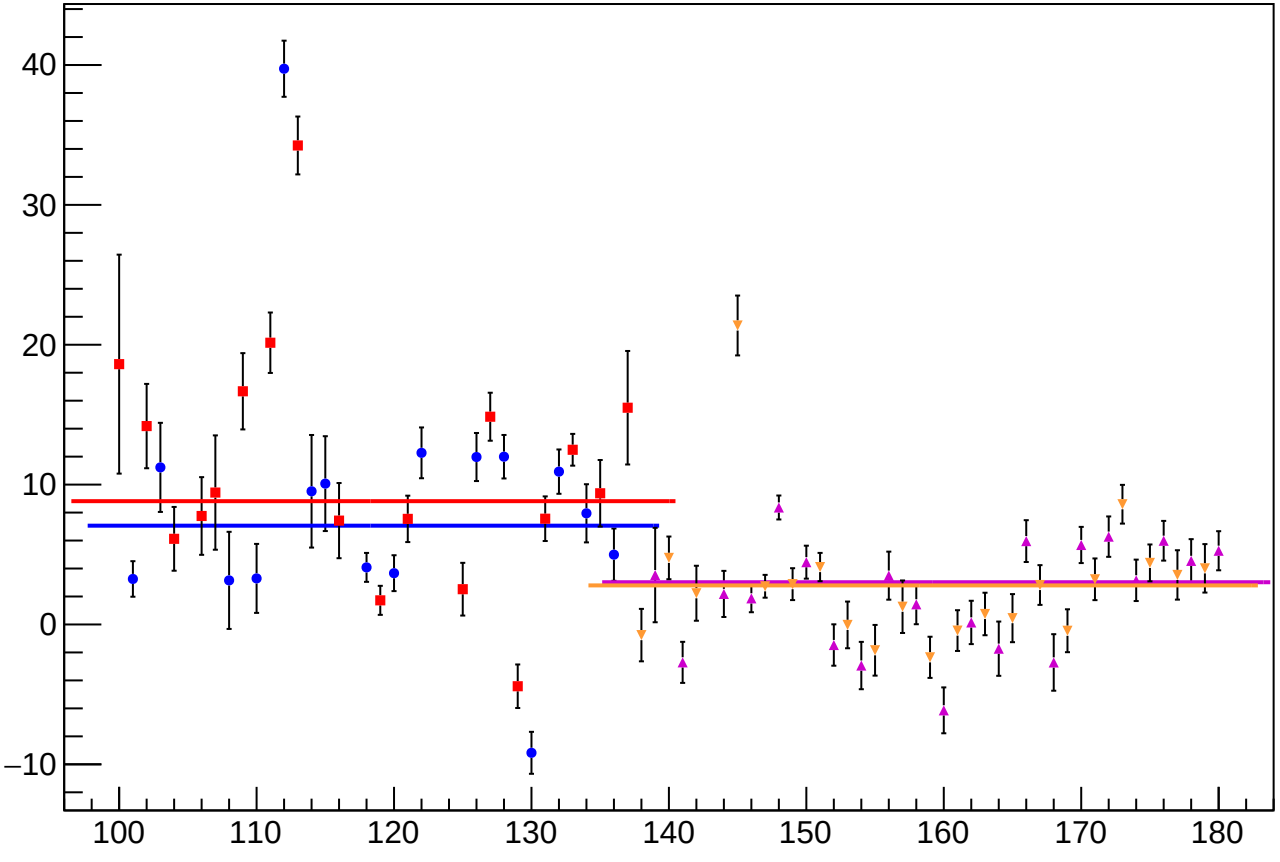
Left In: -73.569+/-0.411 χ^2/NDF:743.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -73.961+/-0.297 χ^2/NDF: 1707.6/41

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 2.793+/-0.313 χ^2/NDF:137.6/20

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

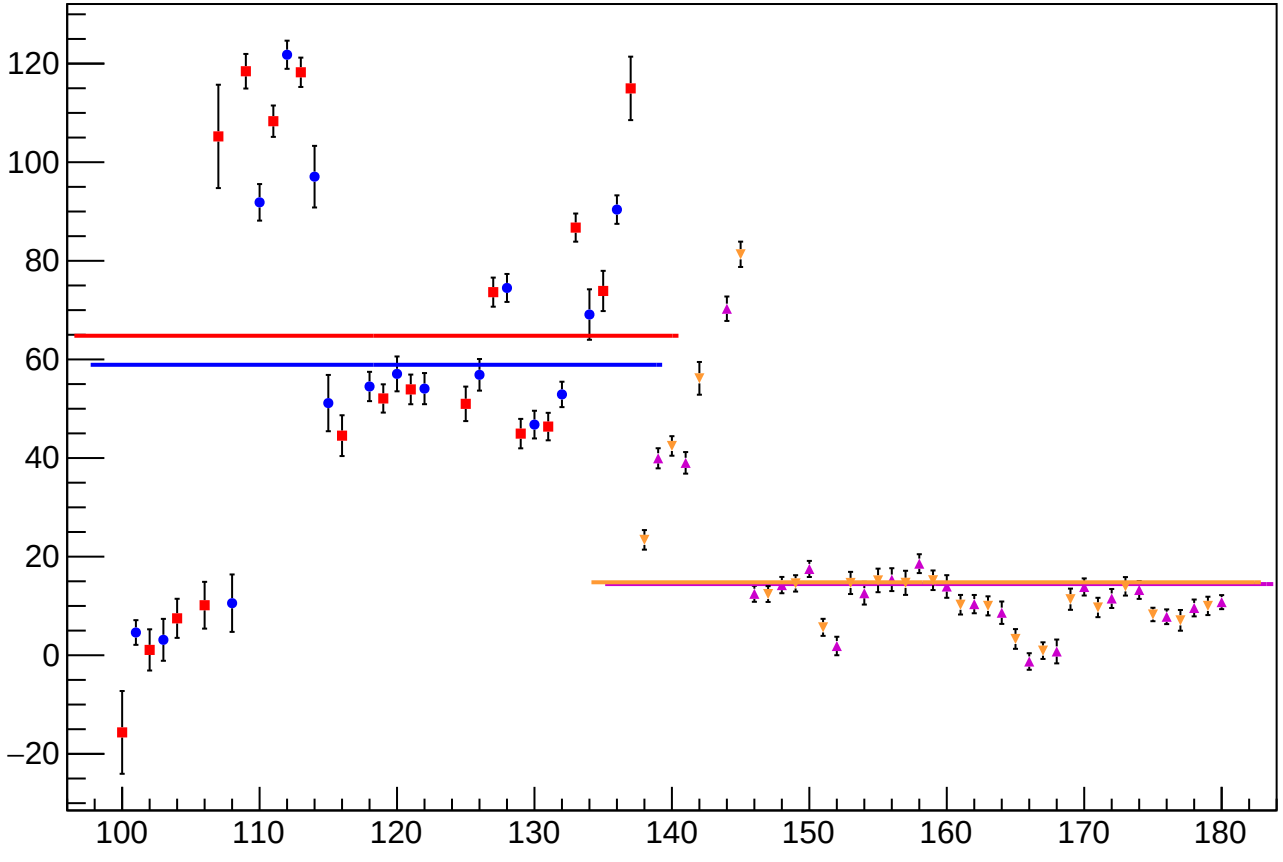
Left In: 3.020+/-0.311 χ^2/NDF:150.0/20

+ sign 4.255+/-0.254 χ^2/NDF: 648.2/36

All: 4.574+/-0.180 χ^2/NDF: 1264.5/75

- sign 4.896+/-0.255 χ^2/NDF: 613.1/38

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 14.799+/-0.424 χ^2/NDF:1233.3/20

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

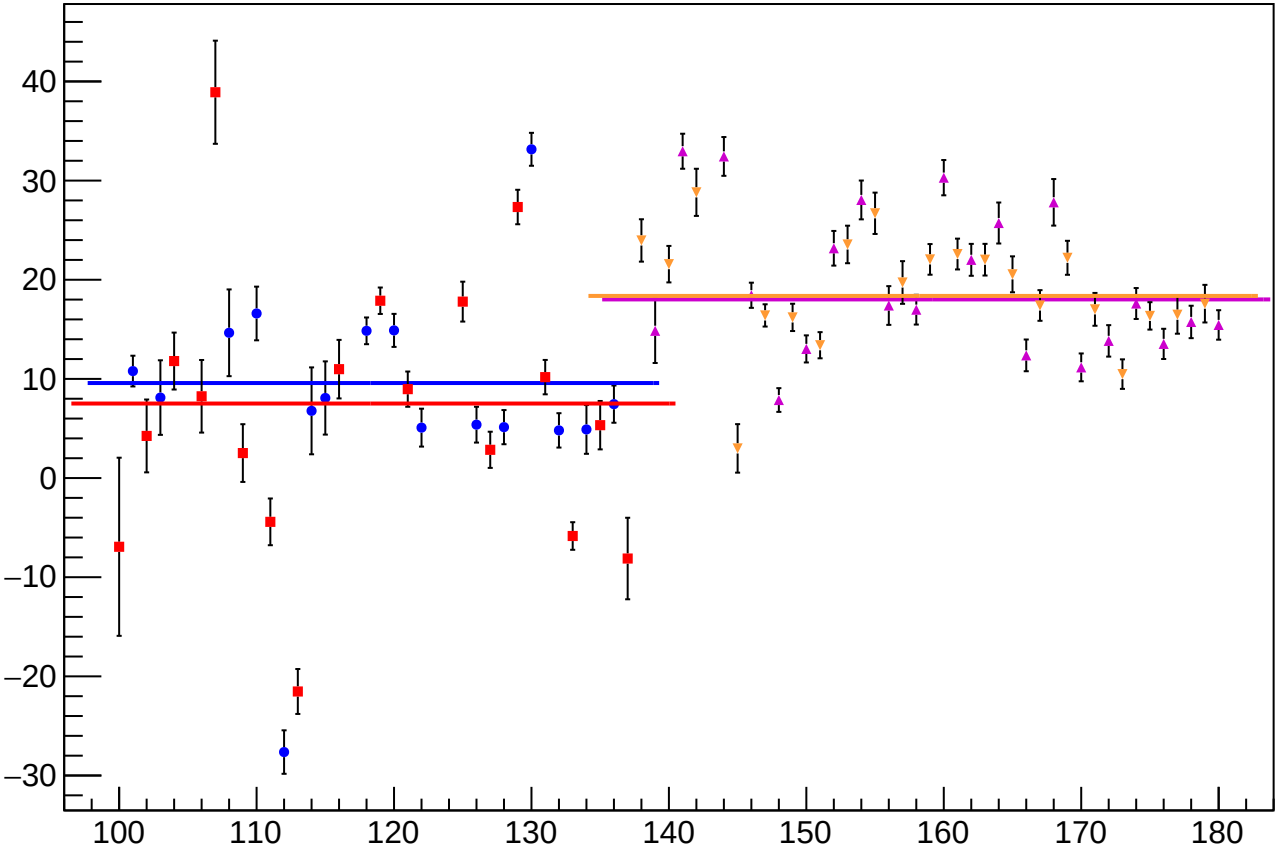
Left In: 14.437+/-0.406 χ^2/NDF:1014.0/20

+ sign 23.905+/-0.378 χ^2/NDF: 4964.1/36

All: 23.948+/-0.263 χ^2/NDF: 10607.9/75

- sign 23.989+/-0.366 χ^2/NDF: 5643.7/38

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 18.369+/-0.361 χ^2/NDF:169.5/20

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

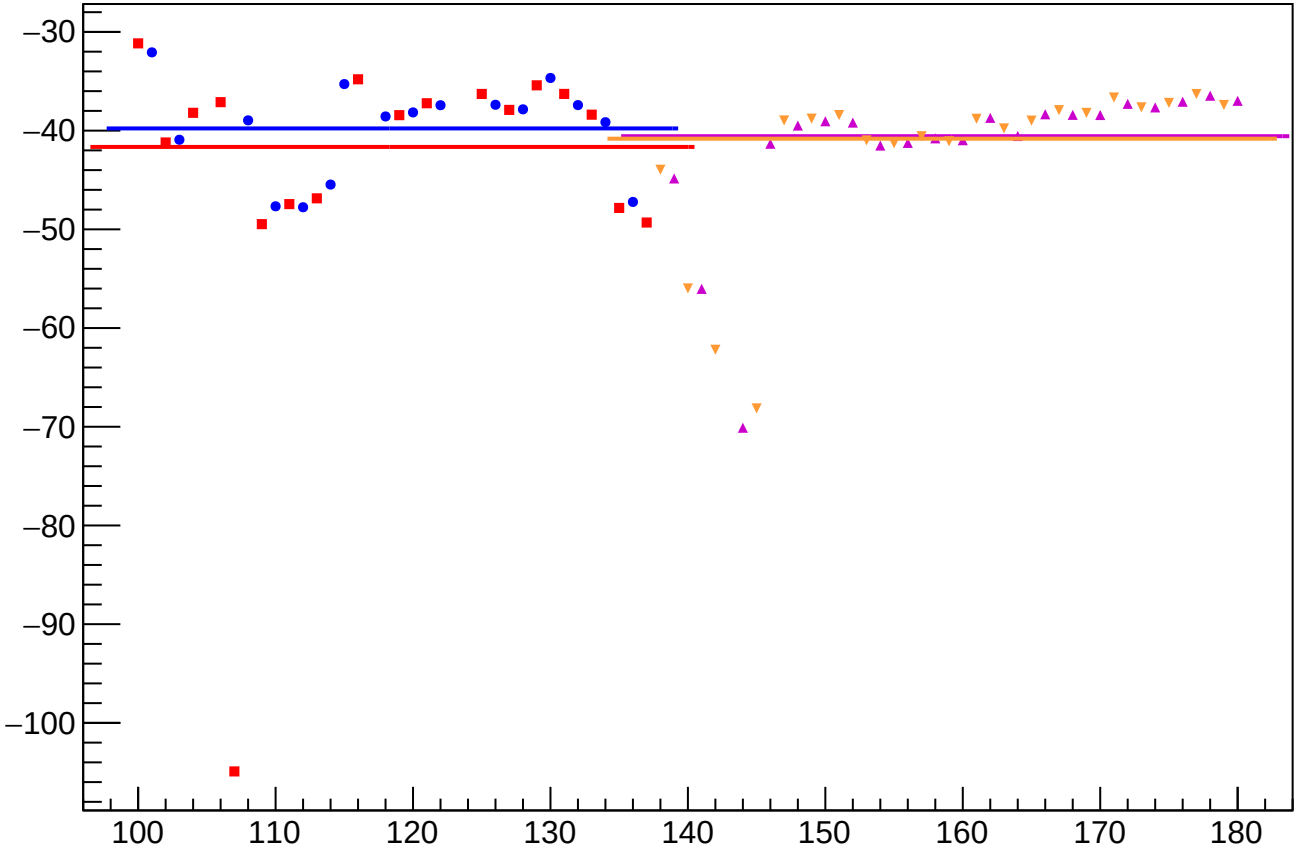
Left In: 18.015+/-0.356 χ^2/NDF:389.8/20

+ sign 15.363+/-0.293 χ^2/NDF: 926.1/36

All: 14.996+/-0.207 χ^2/NDF: 2169.7/75

- sign 14.630+/-0.293 χ^2/NDF: 1240.4/38

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -40.817+/-0.017 χ^2/NDF:150274.8/20

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

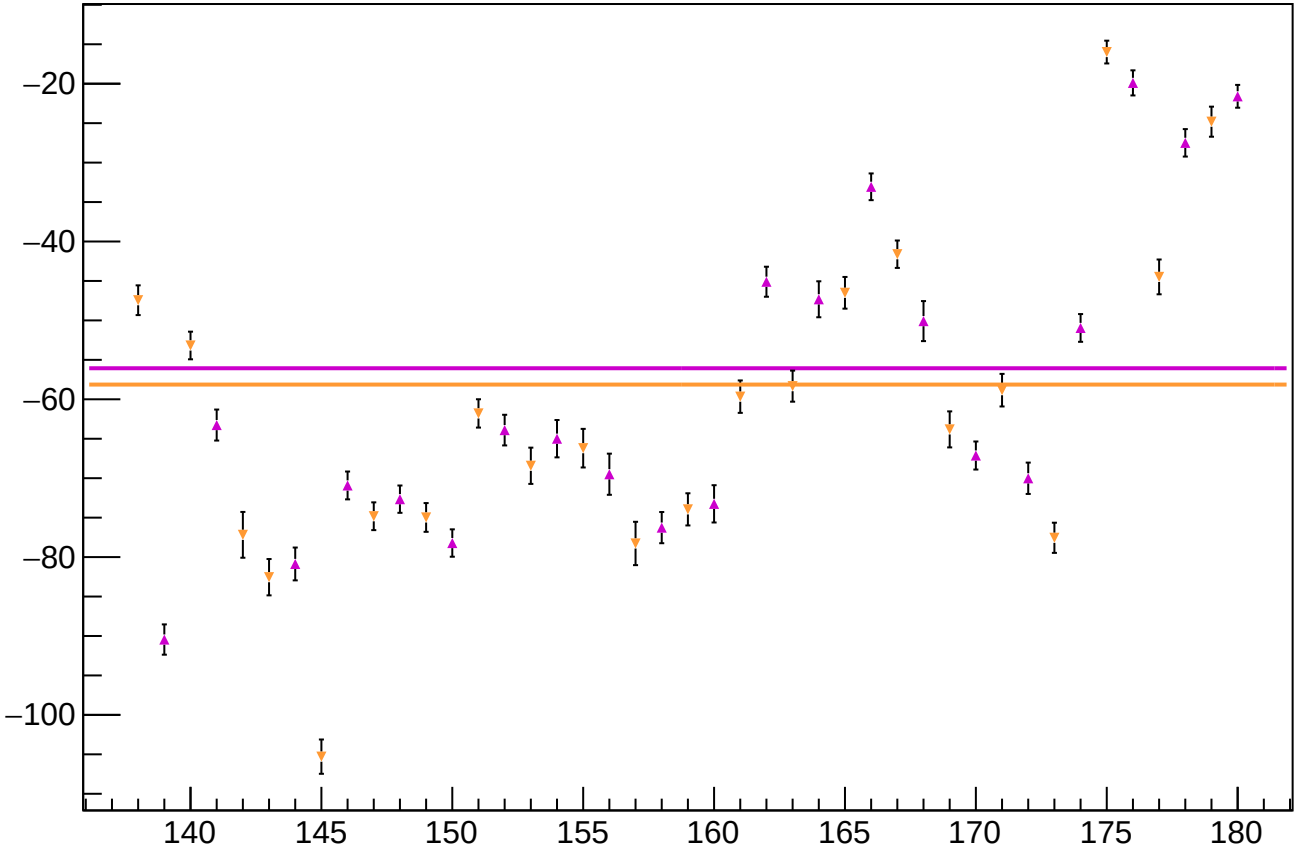
Left In: -40.563+/-0.016 χ^2/NDF:124728.3/20

+ sign -40.576+/-0.015 χ^2/NDF: 177293.9/36

All: -40.691+/-0.010 χ^2/NDF: 397546.4/75

- sign -40.799+/-0.015 χ^2/NDF: 220137.8/38

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -58.133+/-0.425 χ^2/NDF:2421.0/21

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

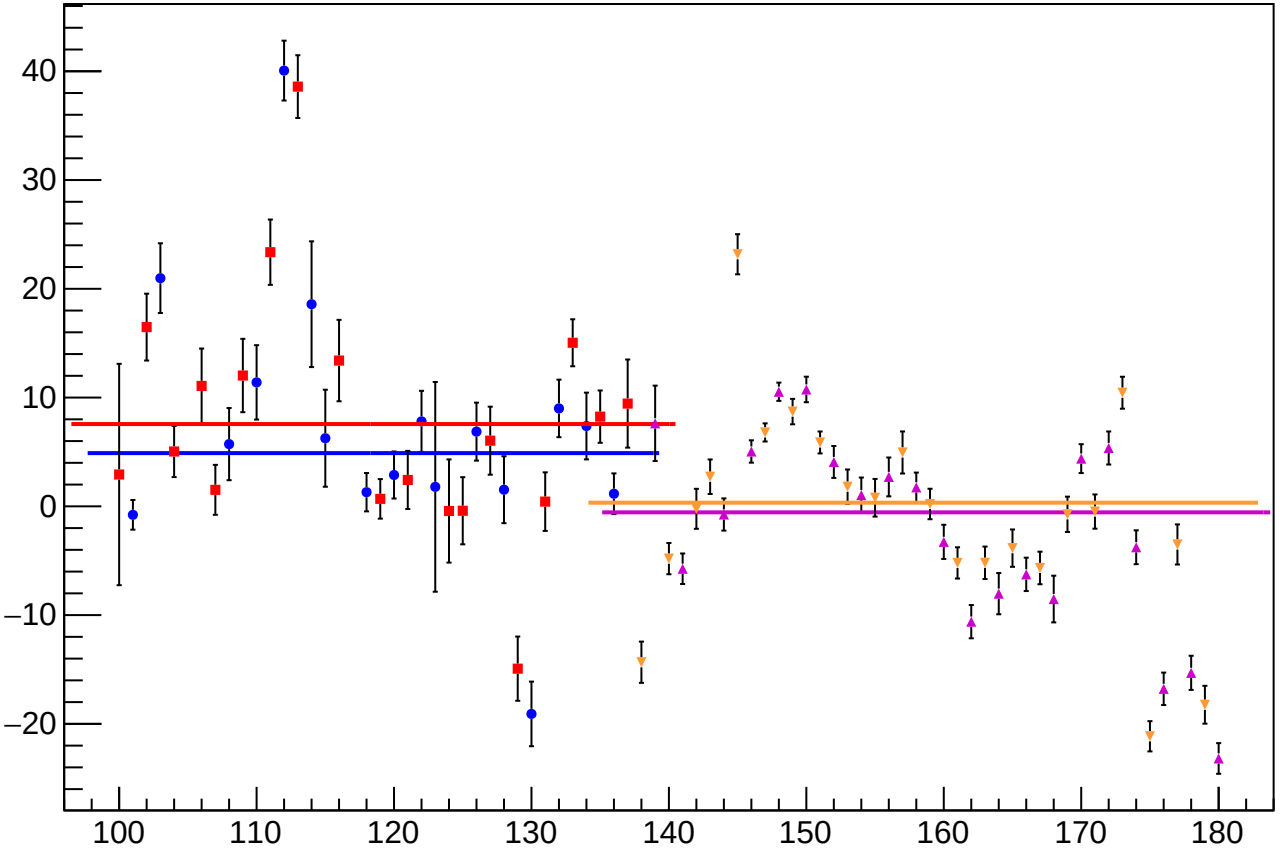
Left In: -56.065+/-0.414 χ^2/NDF:2704.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -57.070+/-0.297 χ^2/NDF: 5137.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 0.337+/-0.308 χ^2/NDF:831.8/21

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

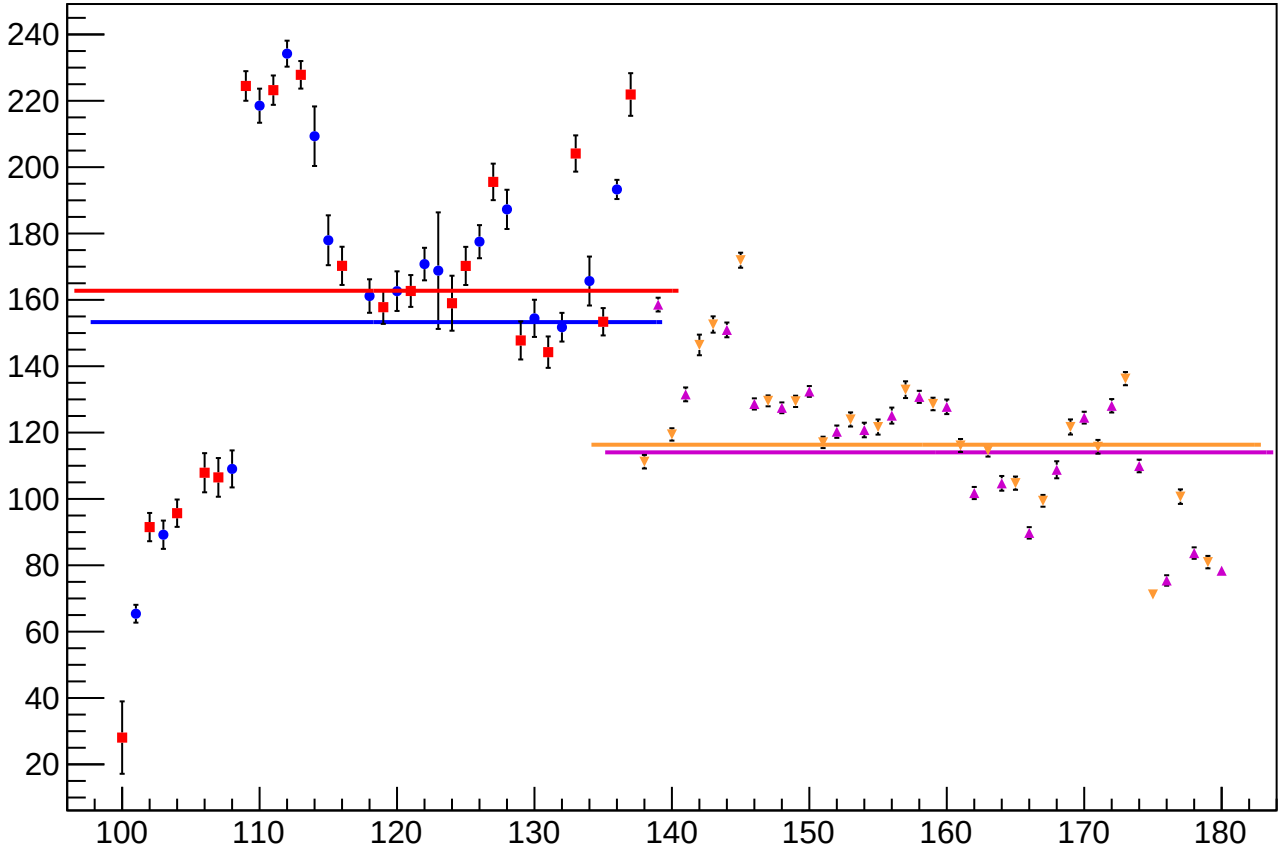
Left In: -0.552+/-0.311 χ^2/NDF:920.0/20

+ sign 1.237+/-0.276 χ^2/NDF: 1170.3/38

All: 1.096+/-0.197 χ^2/NDF: 2487.5/78

- sign 0.950+/-0.280 χ^2/NDF: 1316.7/39

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 116.343+/-0.421 χ^2/NDF:2765.1/21

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

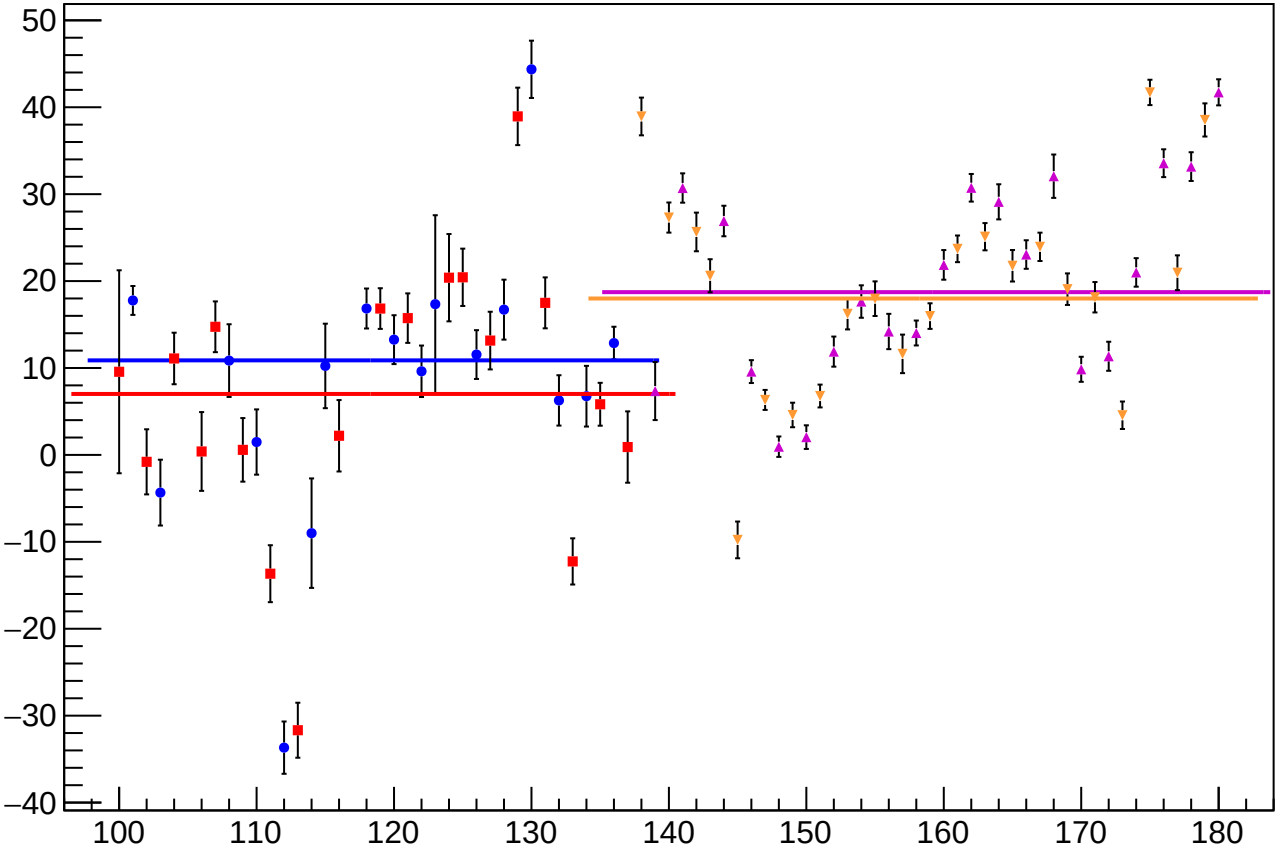
Left In: 114.040+/-0.409 χ^2/NDF:3116.5/20

+ sign 120.743+/-0.395 χ^2/NDF: 5950.0/38

All: 119.995+/-0.276 χ^2/NDF: 12311.4/78

- sign 119.281+/-0.386 χ^2/NDF: 6354.4/39

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 17.994+/-0.357 χ^2/NDF:1093.1/21

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

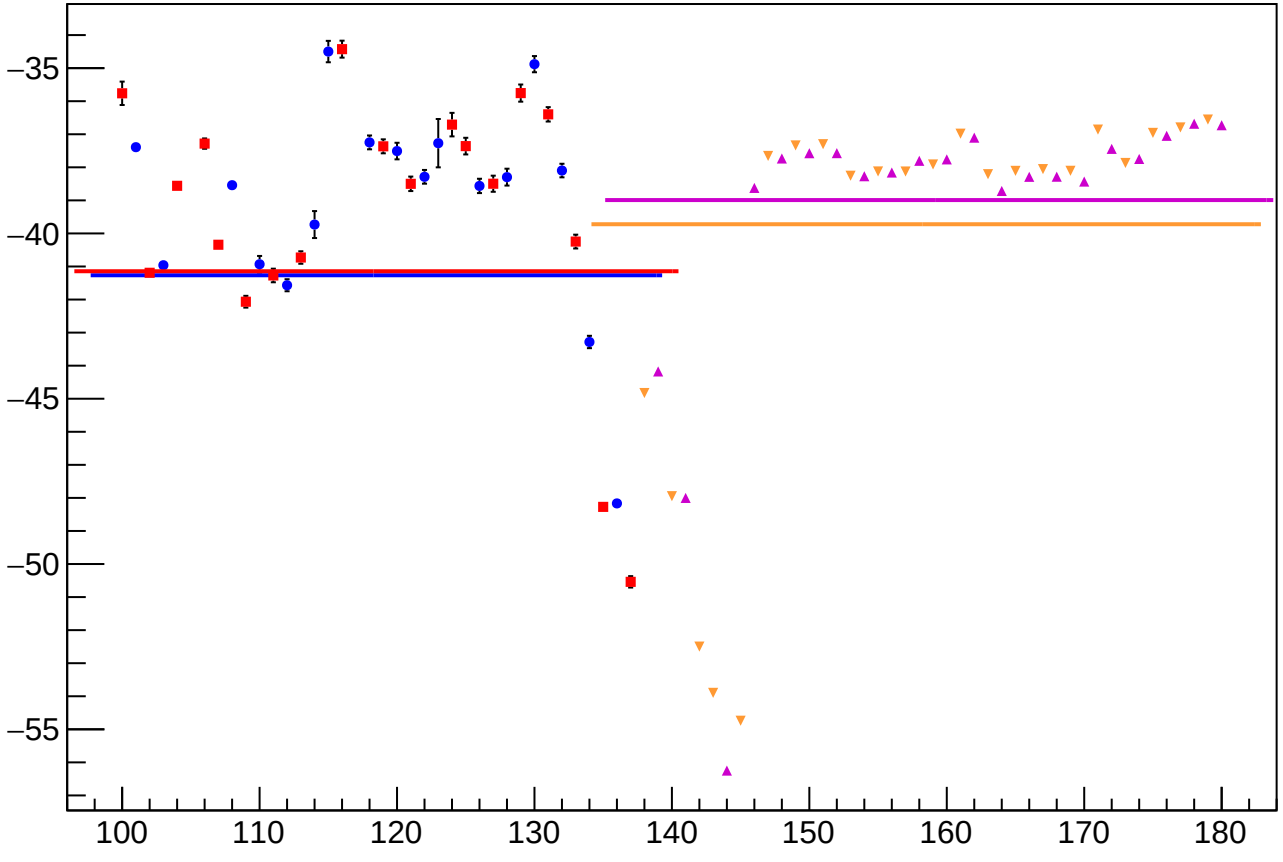
Left In: 18.727+/-0.356 χ^2/NDF:1122.3/20

+ sign 16.570+/-0.319 χ^2/NDF: 1560.8/38

All: 16.567+/-0.227 χ^2/NDF: 3307.5/78

- sign 16.563+/-0.322 χ^2/NDF: 1746.7/39

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -39.722+/-0.017 χ^2/NDF:87296.2/21

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

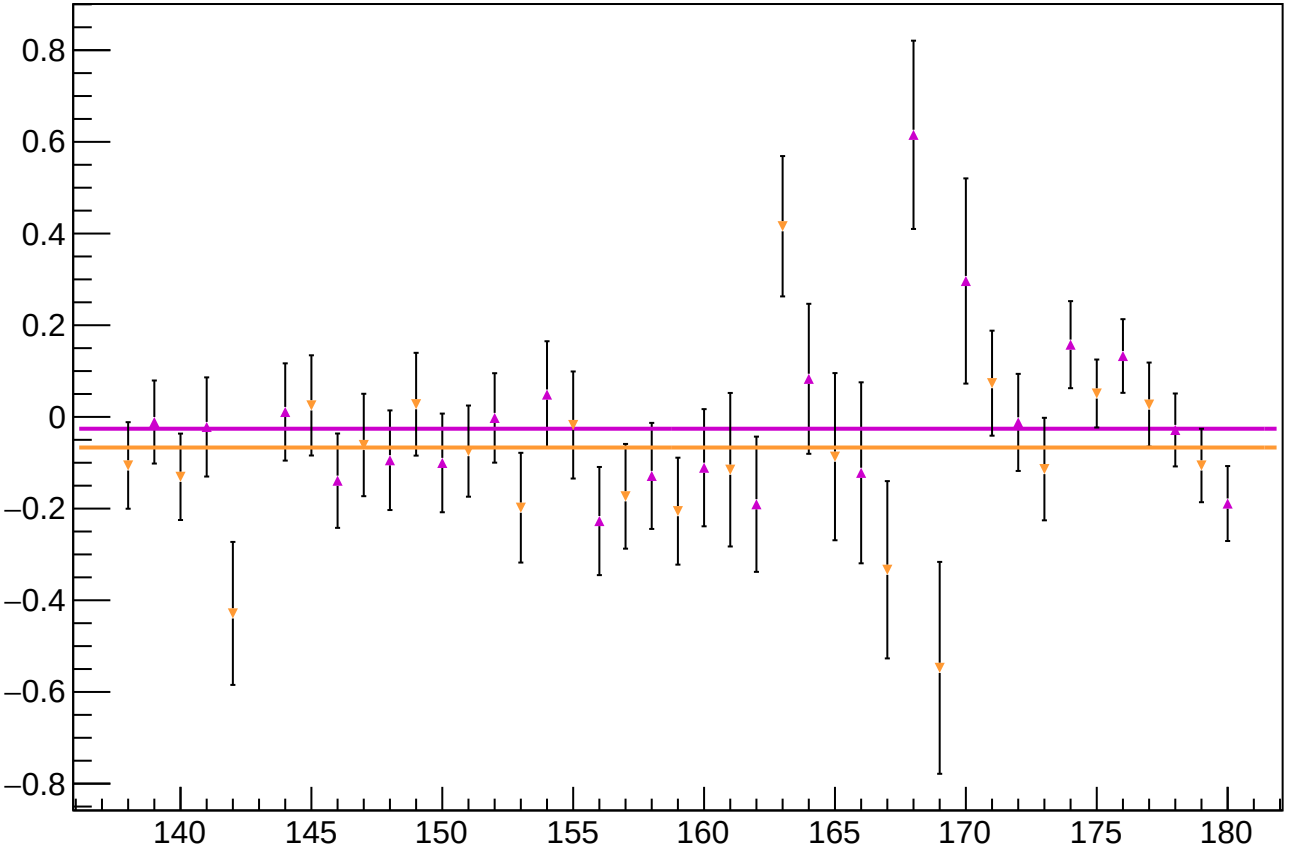
Left In: -38.991+/-0.017 χ^2/NDF:53931.0/20

+ sign -39.971+/-0.015 χ^2/NDF: 101214.4/38

All: -39.641+/-0.011 χ^2/NDF: 170884.0/78

- sign -39.324+/-0.015 χ^2/NDF: 68777.3/39

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.067+/-0.024 χ^2/NDF:32.9/20

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

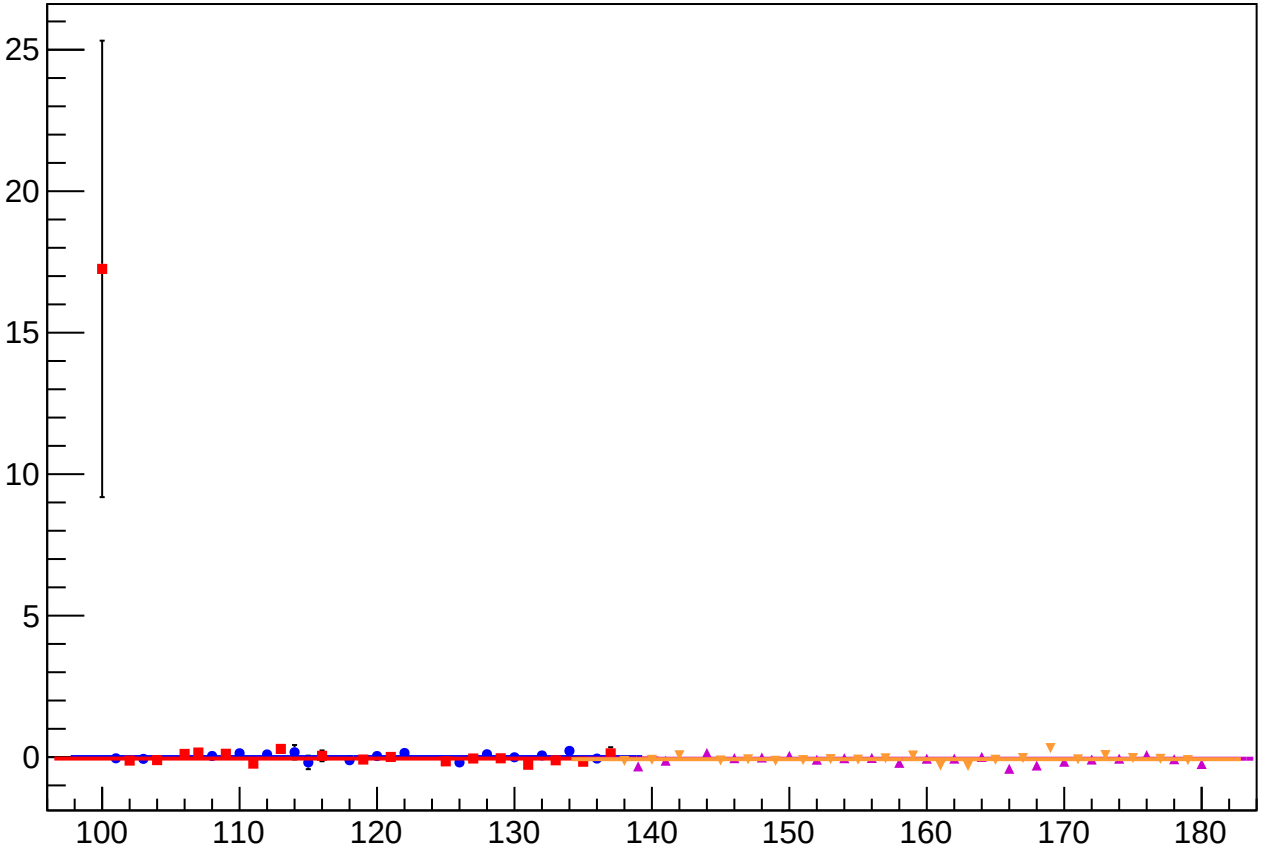
Left In: -0.026+/-0.024 χ^2/NDF:32.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.046+/-0.017 χ^2/NDF: 66.5/41

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.073+/-0.018 χ^2/NDF:23.2/20

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

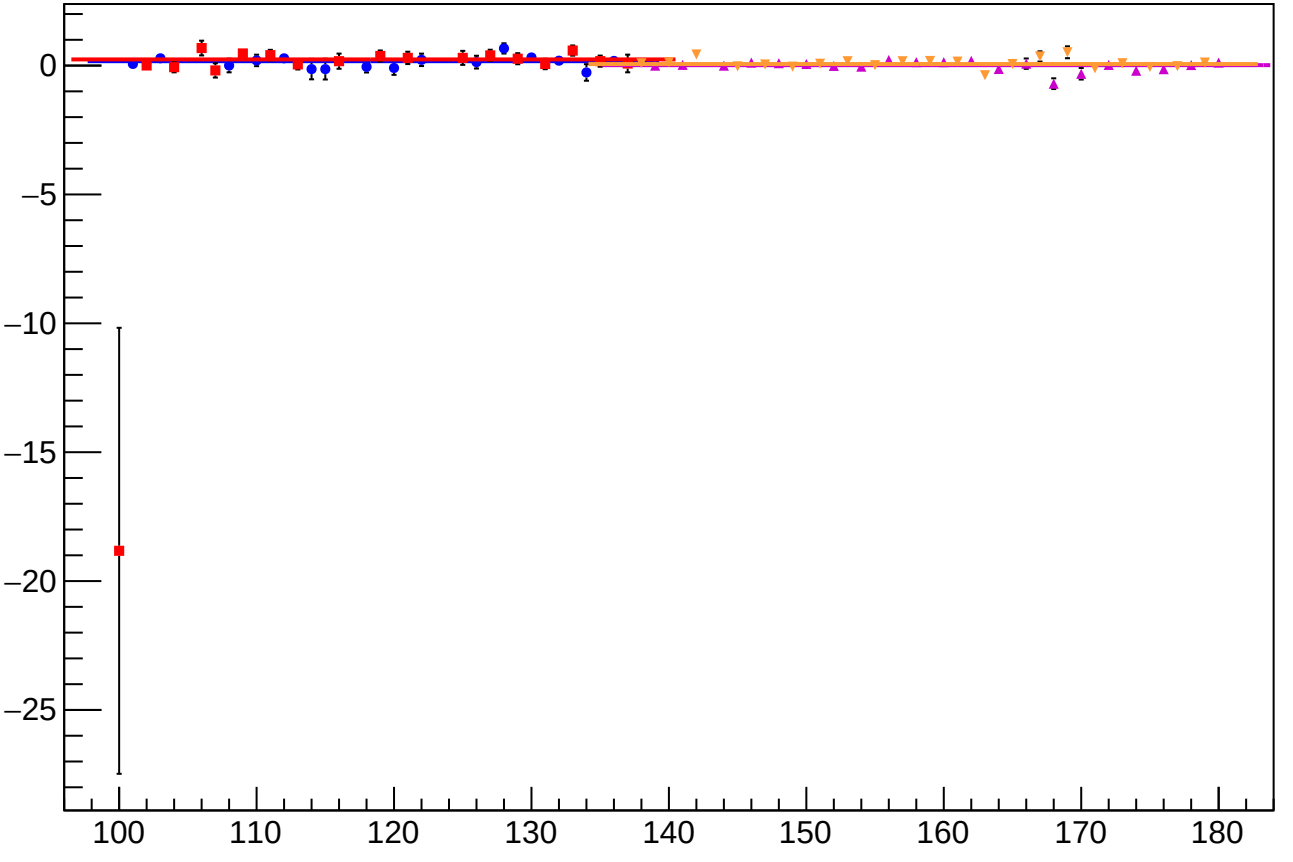
Left In: -0.056+/-0.018 χ^2/NDF:31.7/20

+ sign -0.051+/-0.015 χ^2/NDF: 40.7/36

All: -0.053+/-0.011 χ^2/NDF: 98.3/75

- sign -0.055+/-0.015 χ^2/NDF: 57.6/38

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.060+/-0.024 χ^2/NDF:31.4/20

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

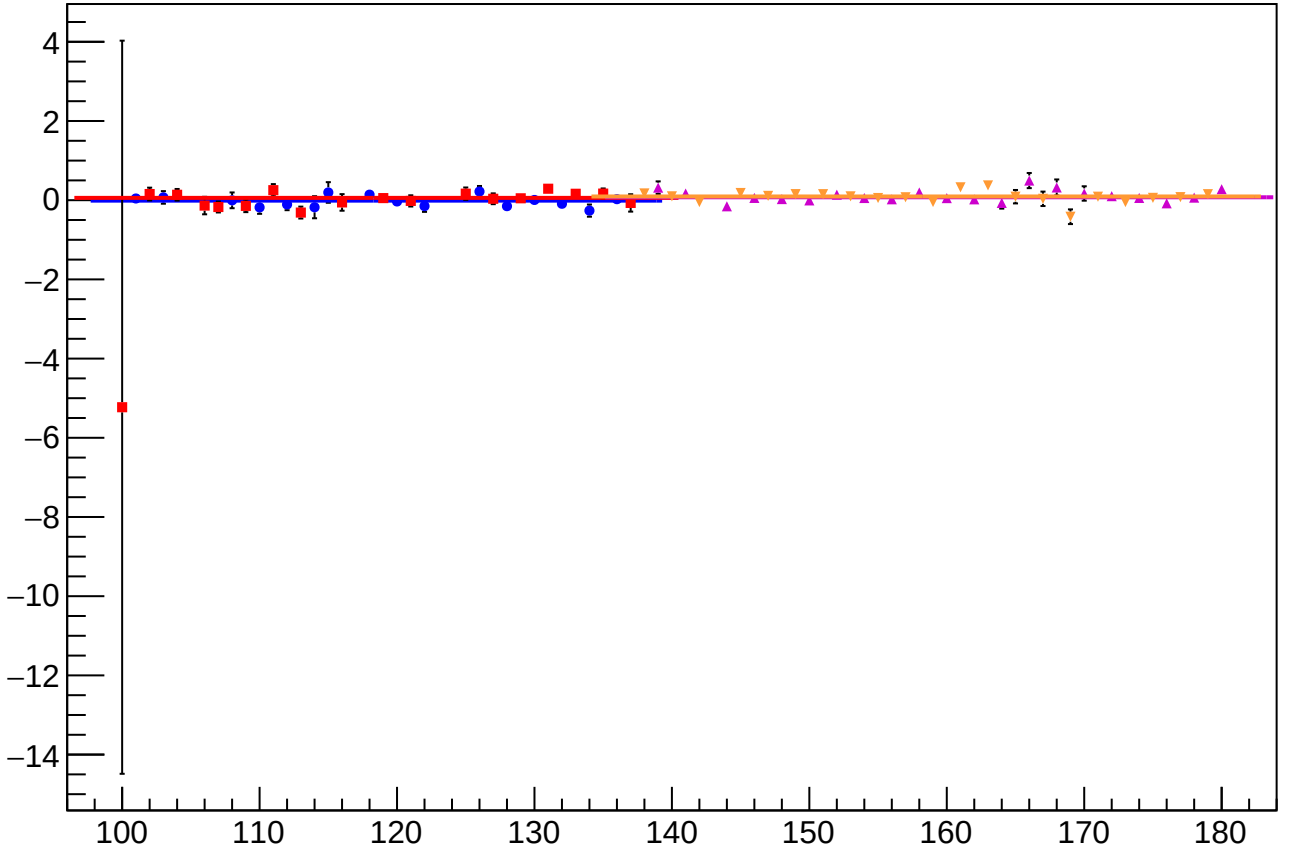
Left In: 0.016+/-0.024 χ^2/NDF:34.1/20

+ sign 0.079+/-0.022 χ^2/NDF: 48.8/36

All: 0.065+/-0.015 χ^2/NDF: 119.9/75

- sign 0.052+/-0.022 χ^2/NDF: 70.3/38

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.094+/-0.021 χ^2/NDF:26.0/20

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

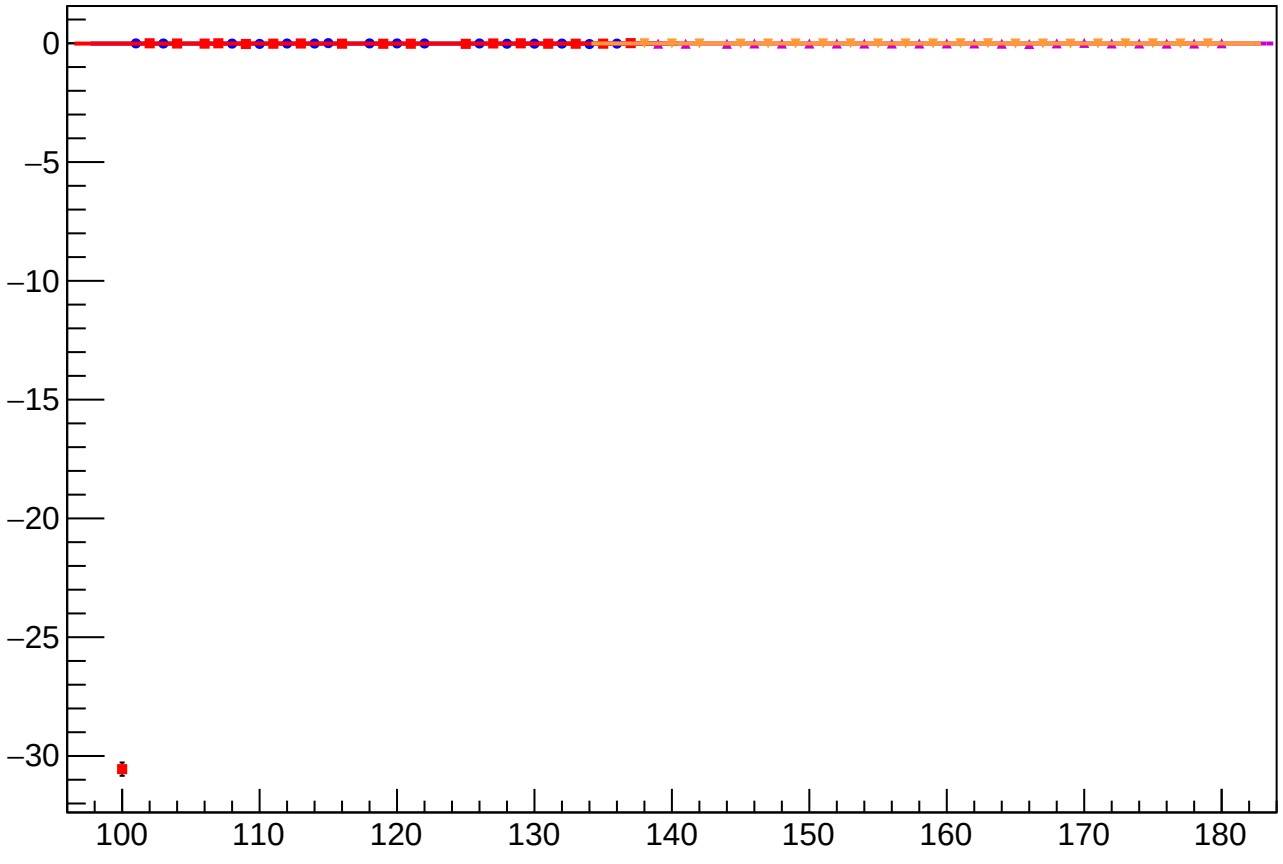
Left In: 0.074+/-0.021 χ^2/NDF:31.4/20

+ sign 0.063+/-0.018 χ^2/NDF: 47.1/36

All: 0.066+/-0.013 χ^2/NDF: 99.3/75

- sign 0.070+/-0.018 χ^2/NDF: 52.1/38

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.008+/-0.001 χ^2/NDF:15.9/20

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

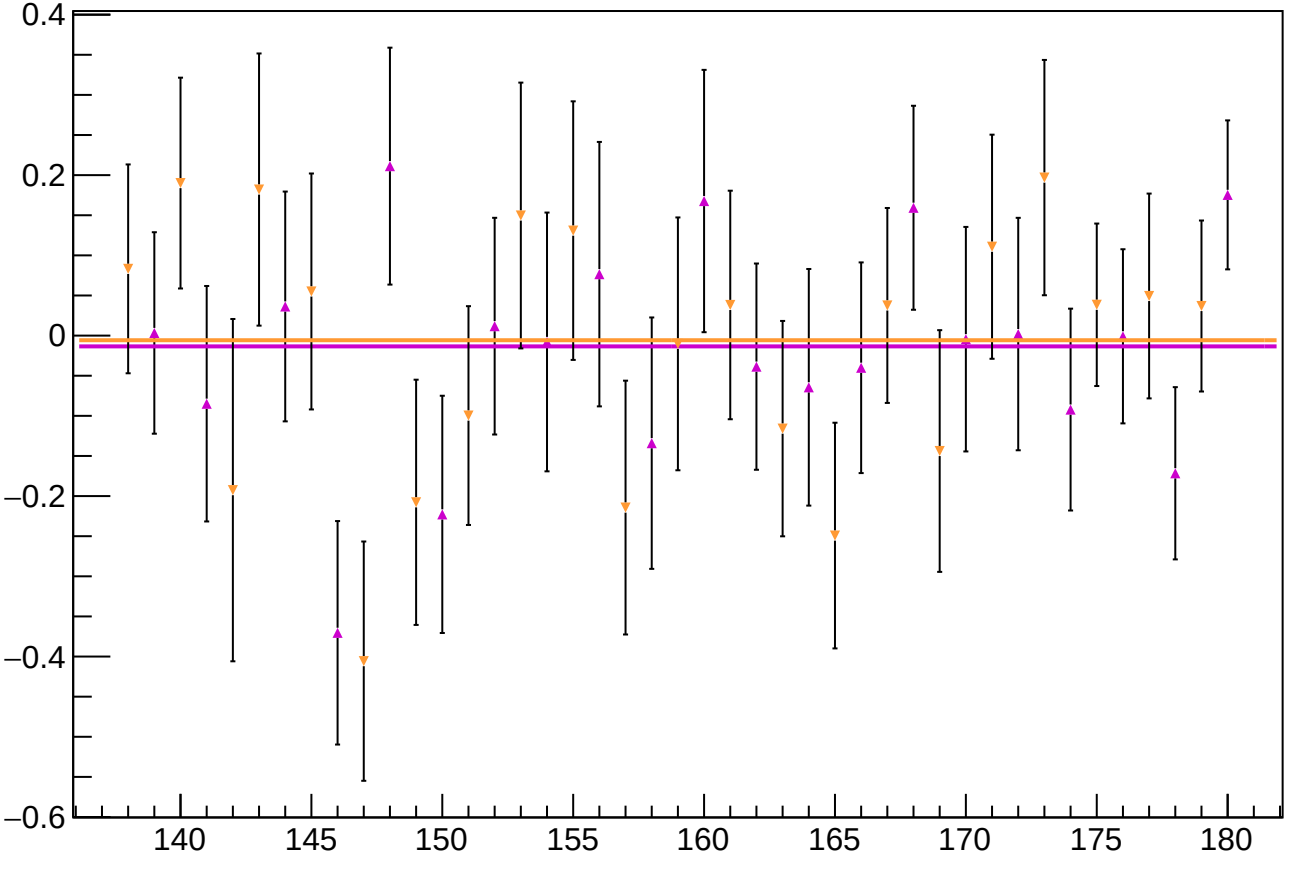
Left In: -0.009+/-0.001 χ^2/NDF:37.6/20

+ sign -0.009+/-0.001 χ^2/NDF: 32.2/36

All: -0.009+/-0.001 χ^2/NDF: 11964.0/75

- sign -0.010+/-0.001 χ^2/NDF: 11931.0/38

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.006+/-0.030 χ^2/NDF:25.5/21

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

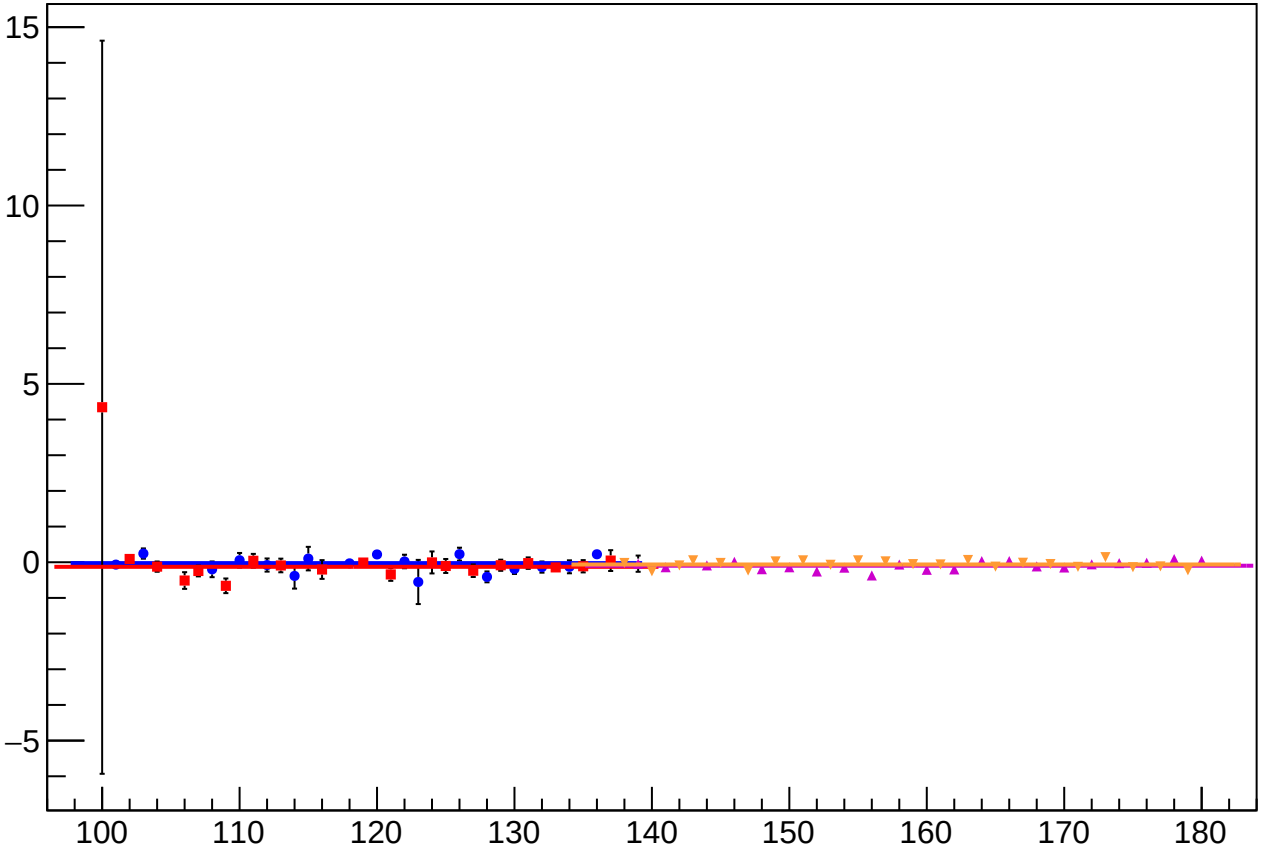
Left In: -0.013+/-0.029 χ^2/NDF:22.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.010+/-0.021 χ^2/NDF: 47.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.063+/-0.022 χ^2/NDF:24.1/21

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

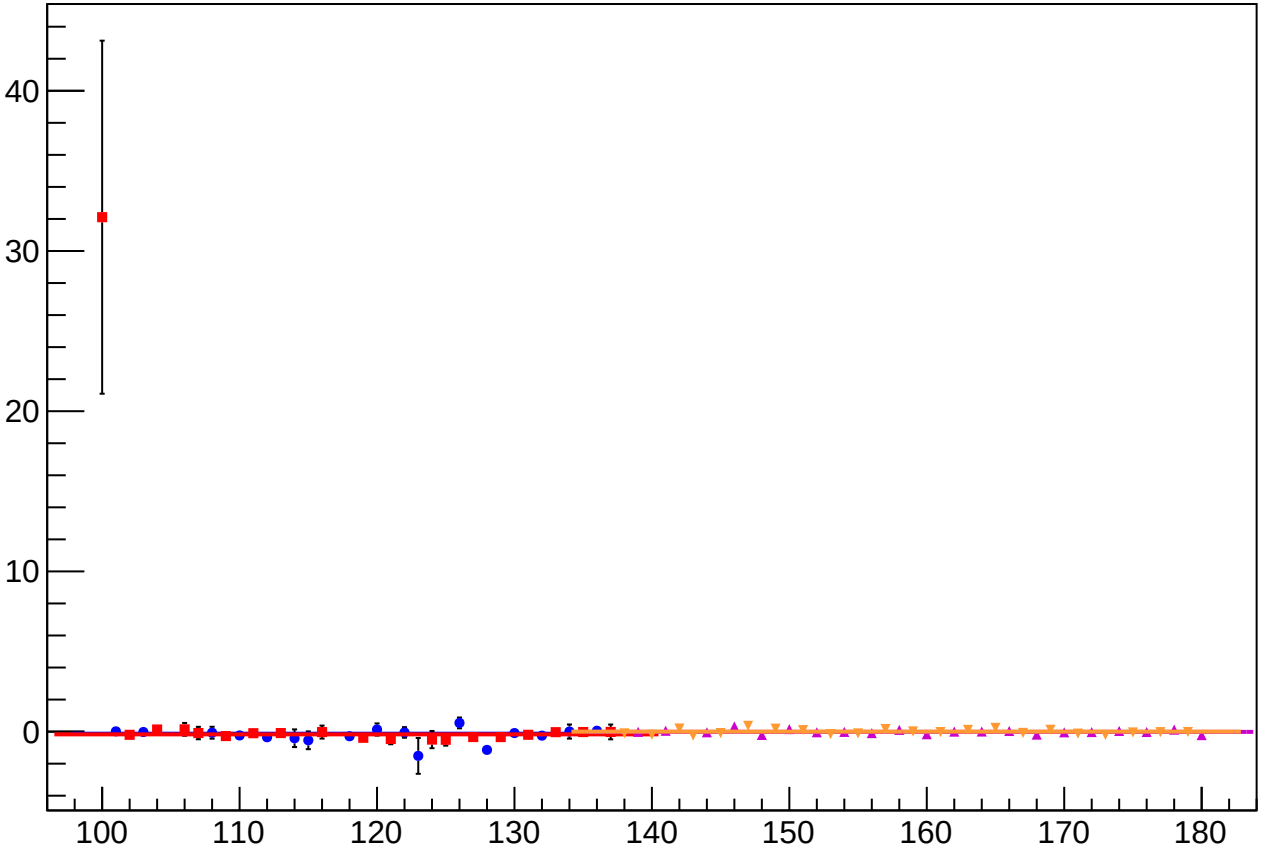
Left In: -0.098+/-0.023 χ^2/NDF:24.6/20

+ sign -0.052+/-0.019 χ^2/NDF: 48.3/38

All: -0.078+/-0.014 χ^2/NDF: 94.7/78

- sign -0.105+/-0.020 χ^2/NDF: 42.7/39

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: -0.000+/-0.029 χ^2/NDF:24.8/21

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

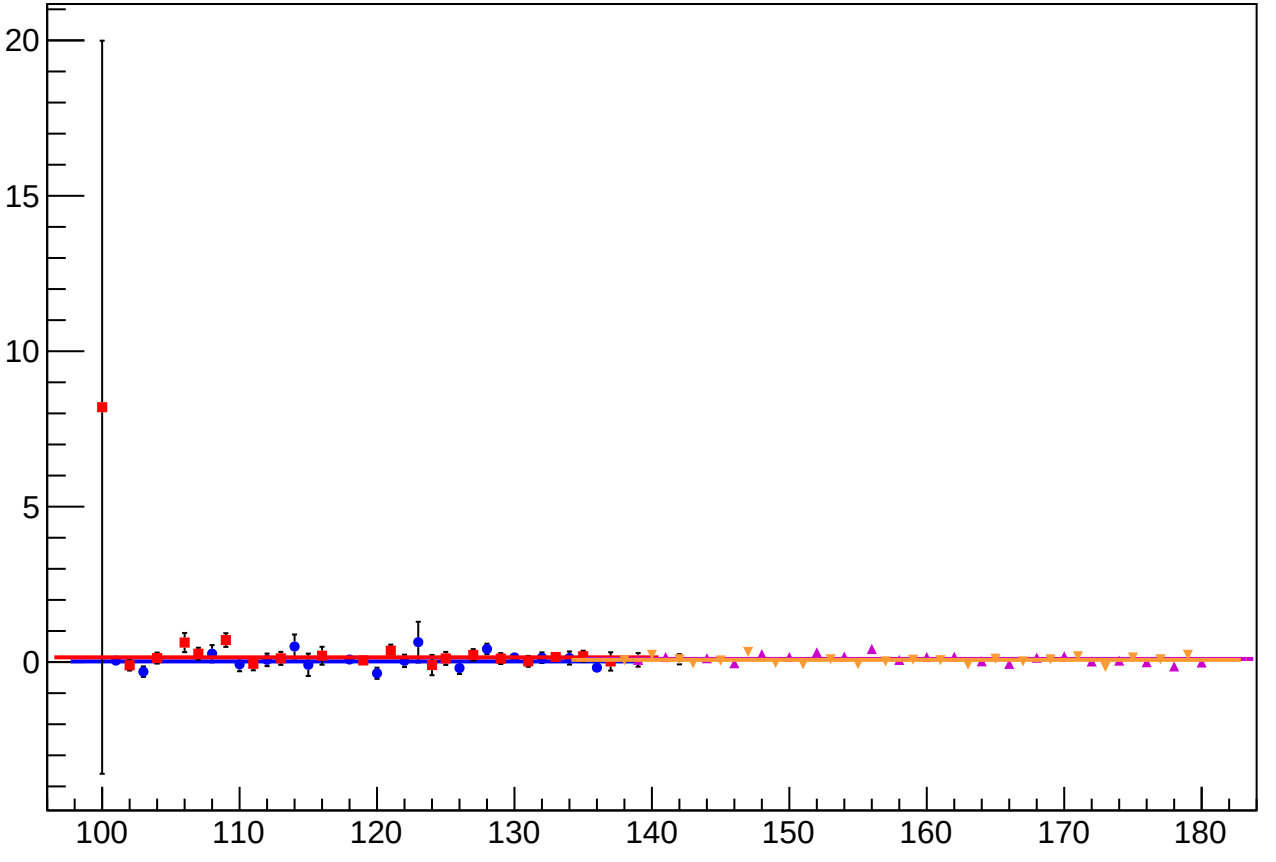
Left In: -0.016+/-0.029 χ^2/NDF:21.0/20

+ sign -0.021+/-0.027 χ^2/NDF: 51.7/38

All: -0.030+/-0.019 χ^2/NDF: 92.0/78

- sign -0.038+/-0.027 χ^2/NDF: 40.1/39

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.071+/-0.025 χ^2/NDF:23.0/21

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

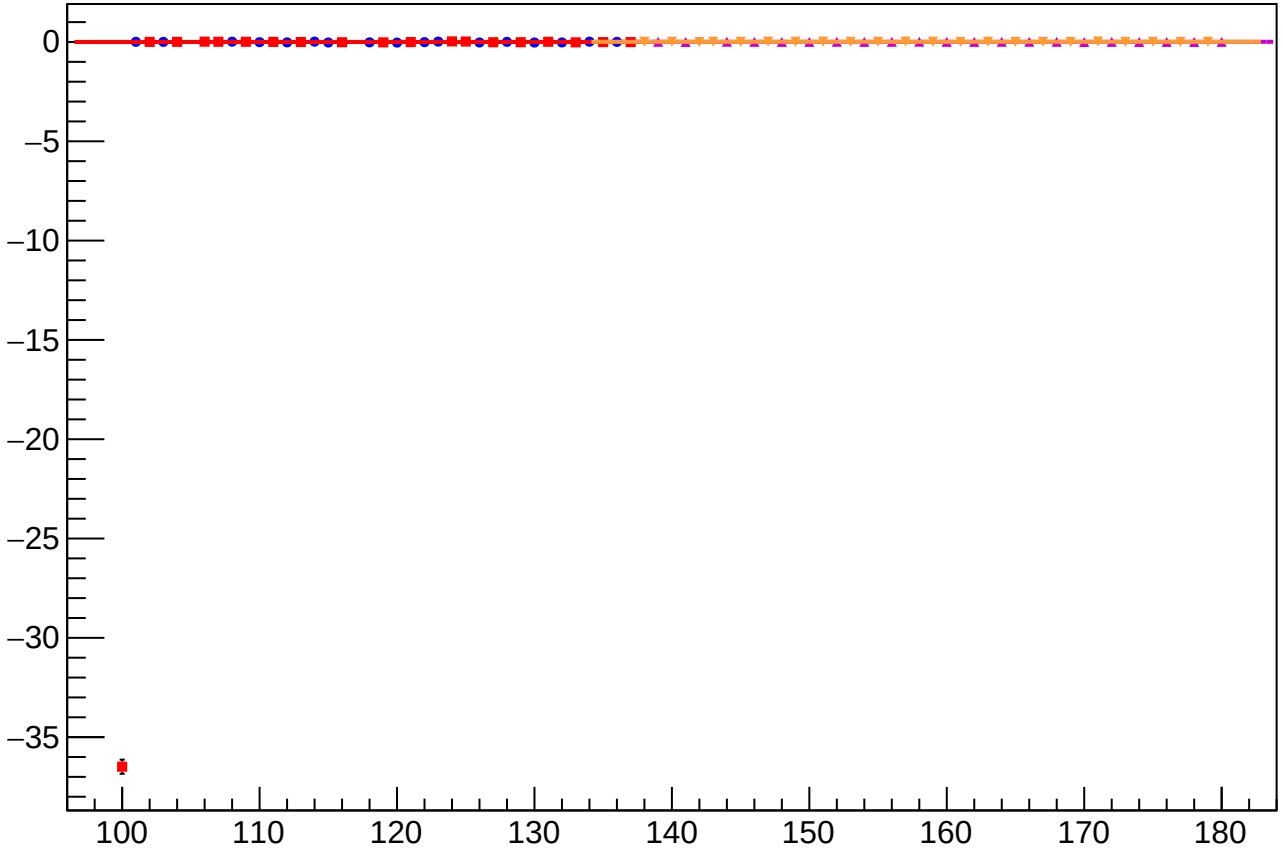
Left In: 0.101+/-0.026 χ^2/NDF:26.0/20

+ sign 0.058+/-0.022 χ^2/NDF: 46.5/38

All: 0.085+/-0.016 χ^2/NDF: 92.9/78

- sign 0.114+/-0.022 χ^2/NDF: 43.2/39

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.009+/-0.001 χ^2/NDF:19.8/21

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

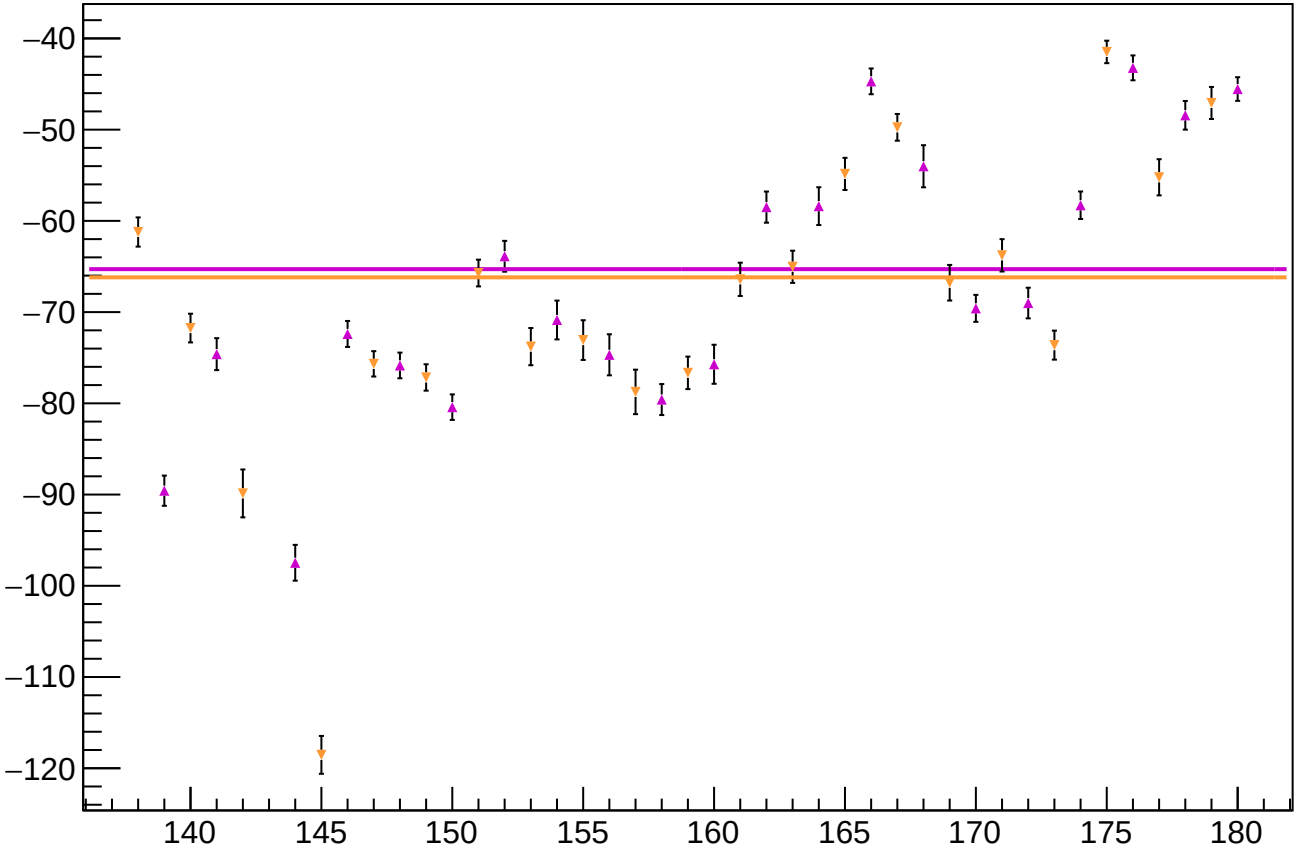
Left In: 0.009+/-0.001 χ^2/NDF:15.2/20

+ sign 0.007+/-0.001 χ^2/NDF: 62.0/38

All: 0.007+/-0.001 χ^2/NDF: 10536.8/78

- sign 0.008+/-0.001 χ^2/NDF: 10474.8/39

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -66.189+/-0.373 χ^2/NDF:1670.6/20

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

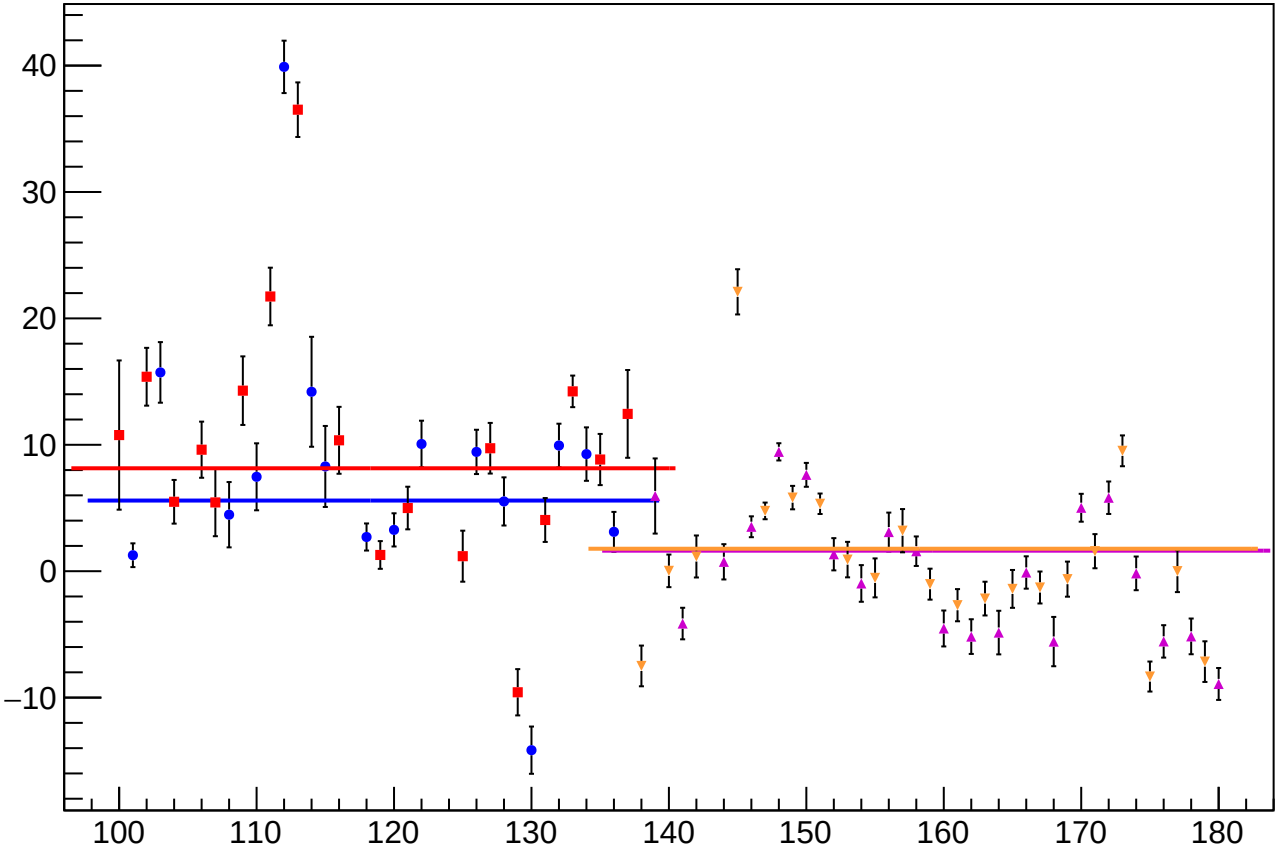
Left In: -65.292+/-0.357 χ^2/NDF:1737.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -65.721+/-0.258 χ^2/NDF: 3411.1/41

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589+/-0.424 χ^2/NDF: 462.8/15

Left Out: 1.777+/-0.267 χ^2/NDF:411.0/20

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

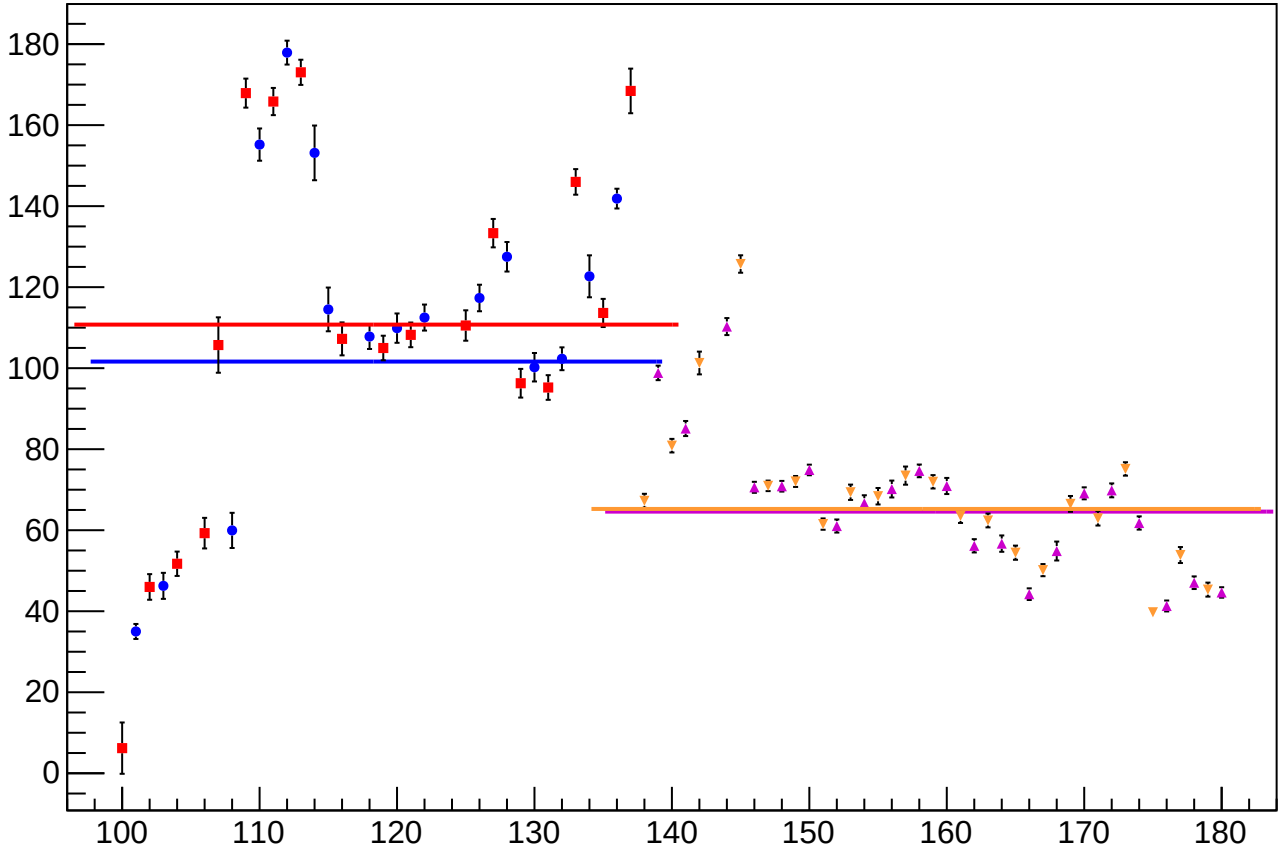
Left In: 1.623+/-0.265 χ^2/NDF:423.8/20

+ sign 2.861+/-0.226 χ^2/NDF: 931.8/36

All: 3.069+/-0.161 χ^2/NDF: 1918.9/75

- sign 3.284+/-0.229 χ^2/NDF: 985.4/38

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 65.251+/-0.367 χ^2/NDF:1905.0/20

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

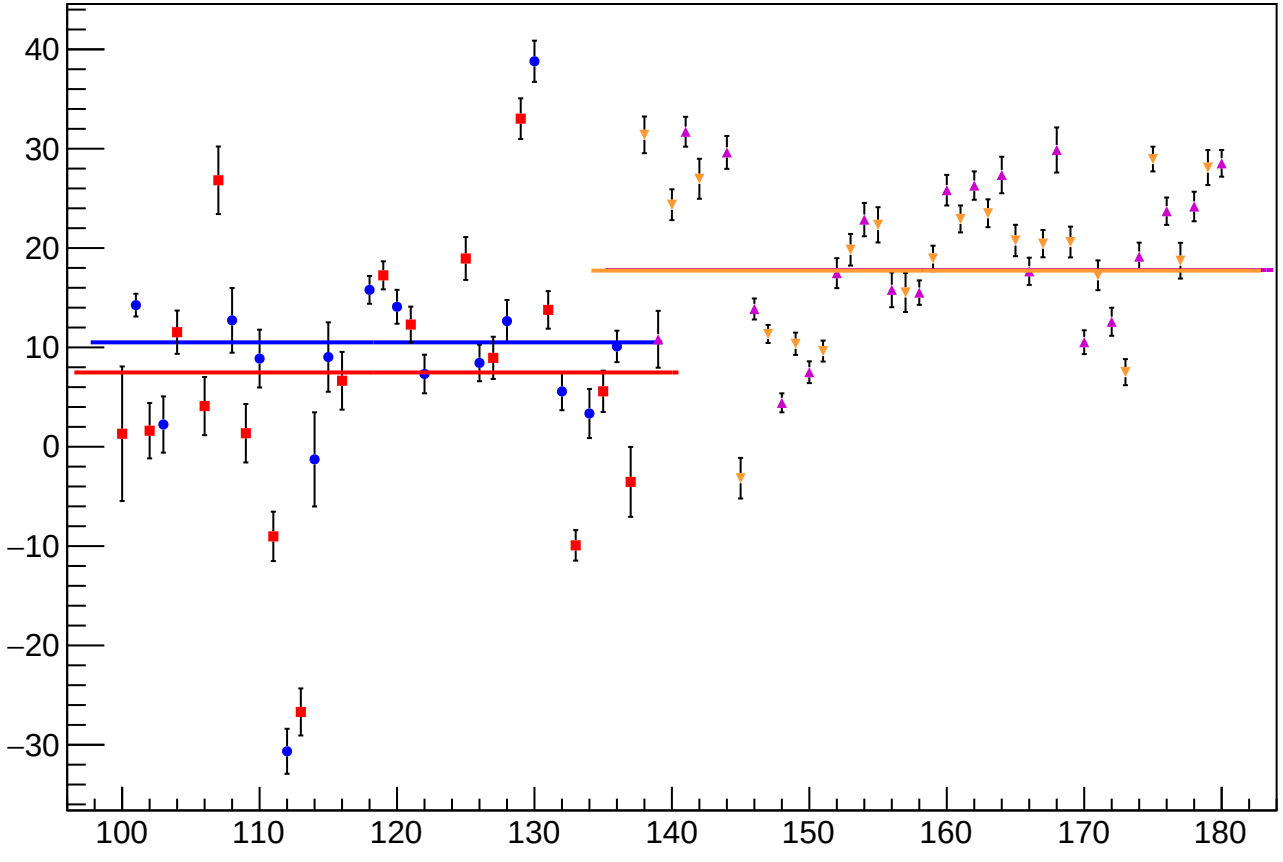
Left In: 64.590+/-0.352 χ^2/NDF:2073.4/20

+ sign 71.499+/-0.334 χ^2/NDF: 6567.3/36

All: 71.521+/-0.233 χ^2/NDF: 13742.8/75

- sign 71.542+/-0.324 χ^2/NDF: 7175.5/38

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 17.729+/-0.311 χ^2/NDF:580.0/20

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

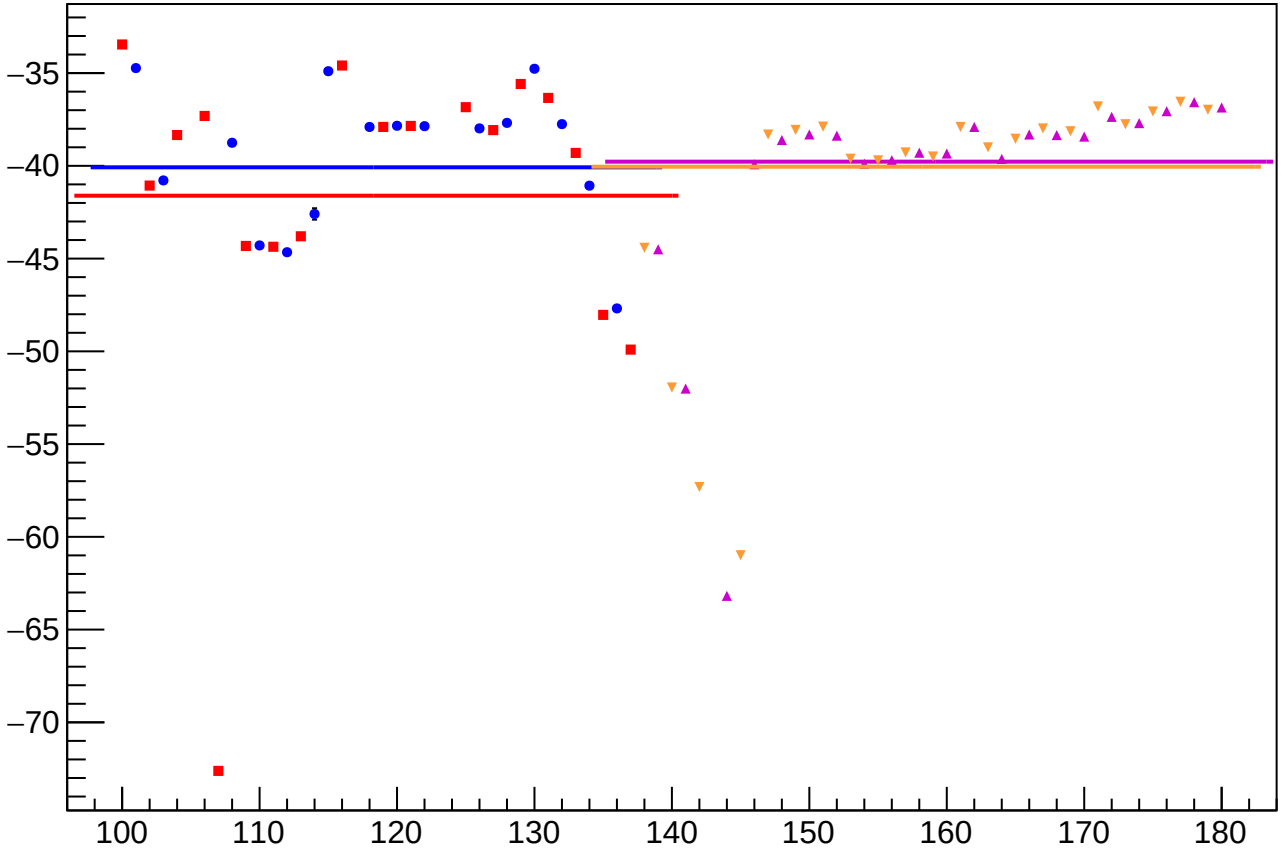
Left In: 17.790+/-0.306 χ^2/NDF:725.5/20

+ sign 15.672+/-0.263 χ^2/NDF: 1315.5/36

All: 15.424+/-0.186 χ^2/NDF: 3021.3/75

- sign 15.174+/-0.264 χ^2/NDF: 1704.0/38

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -40.046+/-0.015 χ^2/NDF:131211.3/20

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

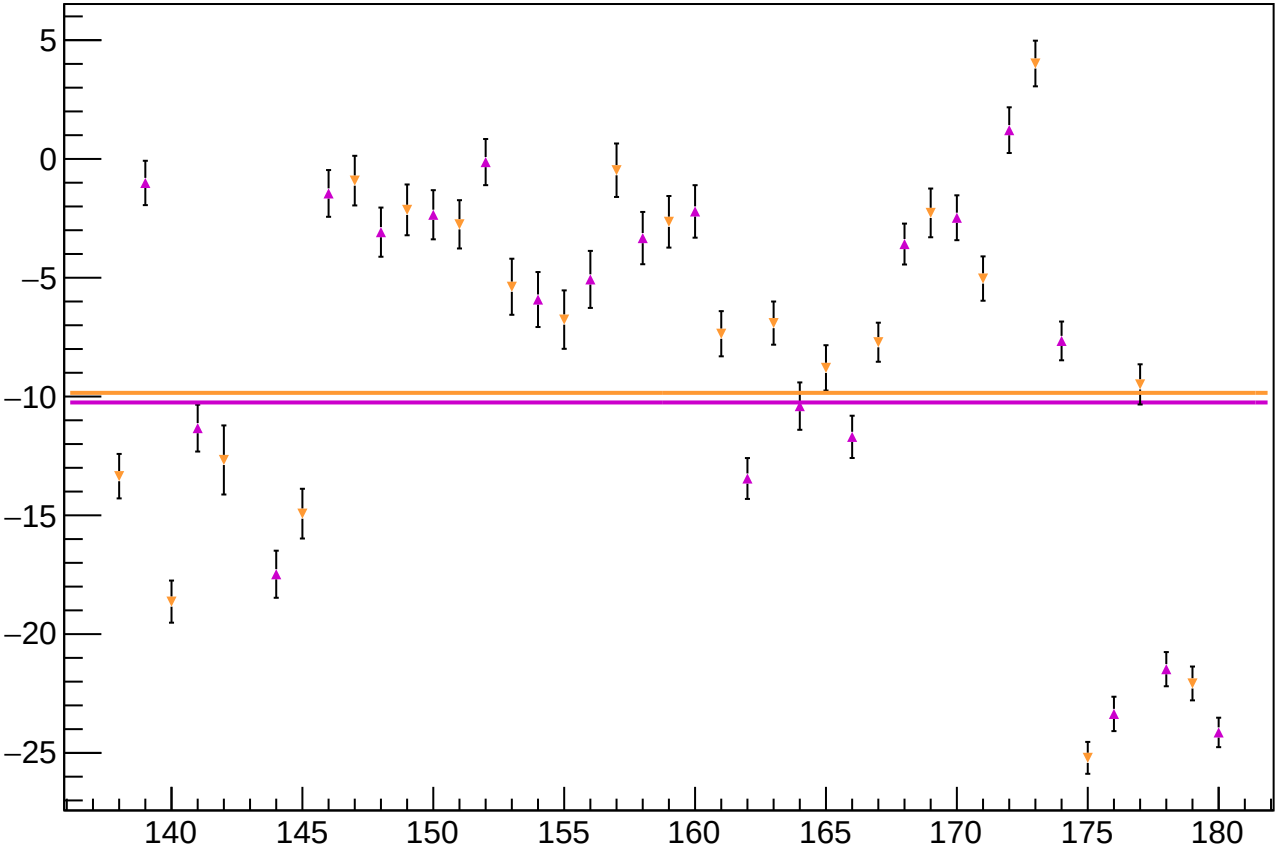
Left In: -39.775+/-0.014 χ^2/NDF:109333.2/20

+ sign -40.054+/-0.013 χ^2/NDF: 156336.3/36

All: -40.098+/-0.009 χ^2/NDF: 330778.8/75

- sign -40.140+/-0.013 χ^2/NDF: 174420.4/38

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -9.845+/-0.207 χ^2/NDF:1580.9/20

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

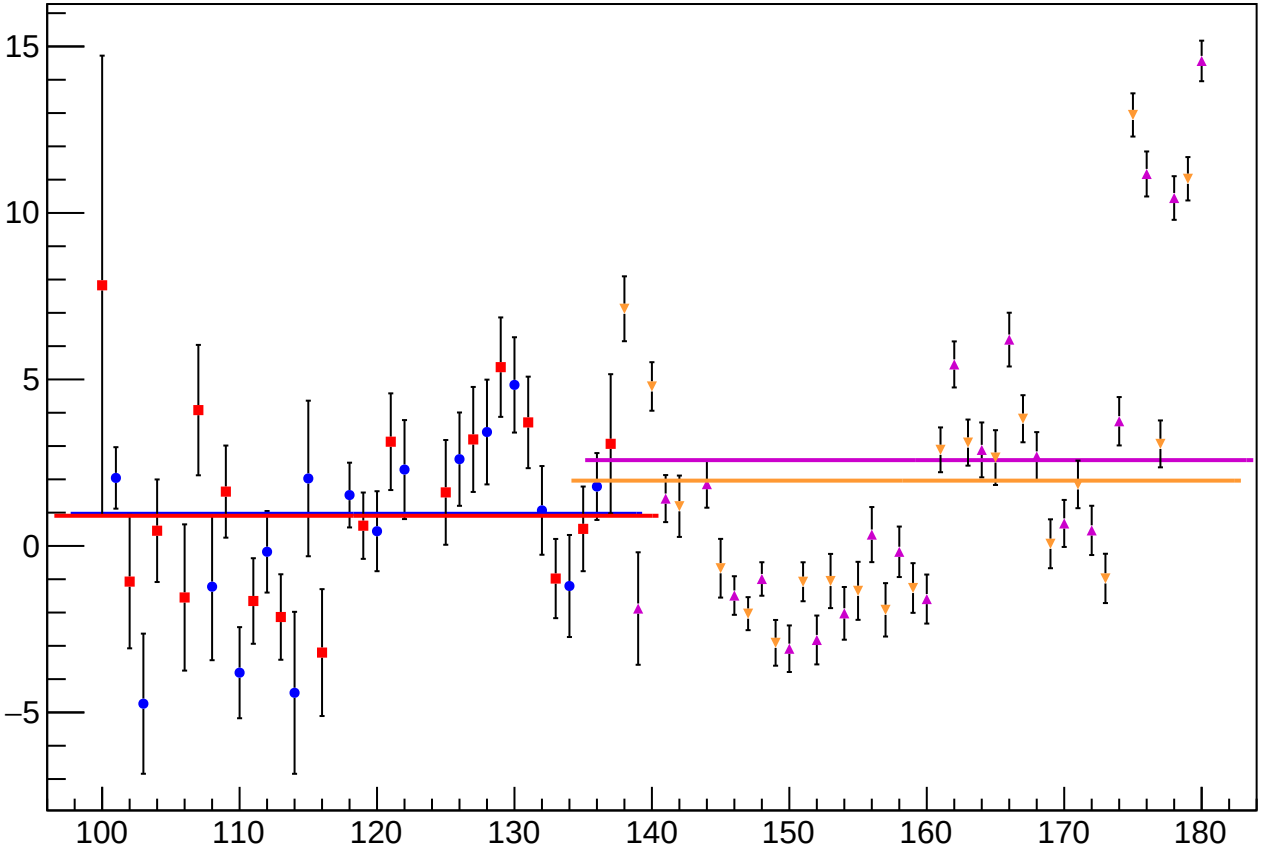
Left In: -10.250+/-0.199 χ^2/NDF:1942.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.056+/-0.143 χ^2/NDF: 3524.9/41

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965+/-0.338 χ^2/NDF: 42.9/15

Left Out: 1.962+/-0.156 χ^2/NDF:782.3/20

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

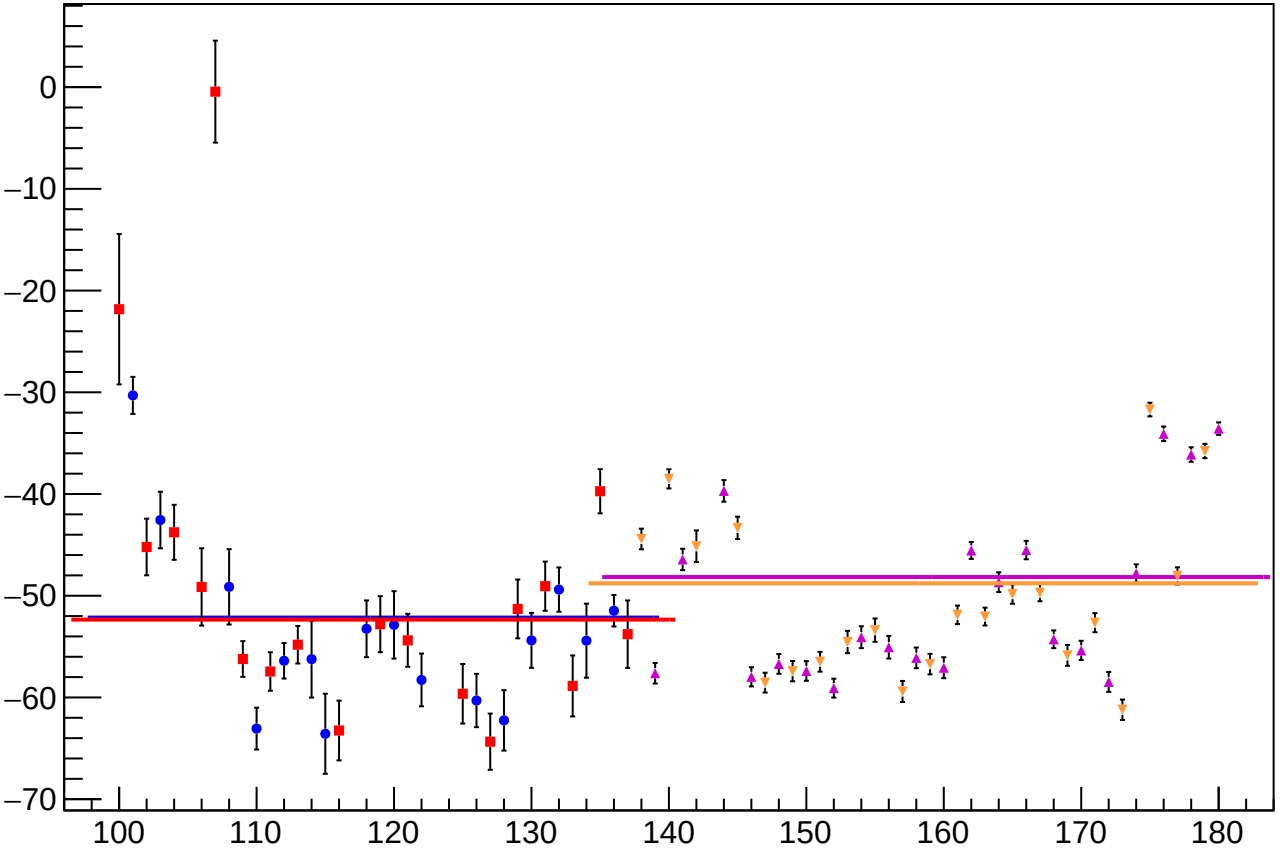
Left In: 2.577+/-0.155 χ^2/NDF:1065.6/20

+ sign 1.786+/-0.142 χ^2/NDF: 832.4/36

All: 2.048+/-0.100 χ^2/NDF: 1965.5/75

- sign 2.308+/-0.142 χ^2/NDF: 1126.3/38

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -48.774+/-0.205 χ^2/NDF:1856.0/20

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

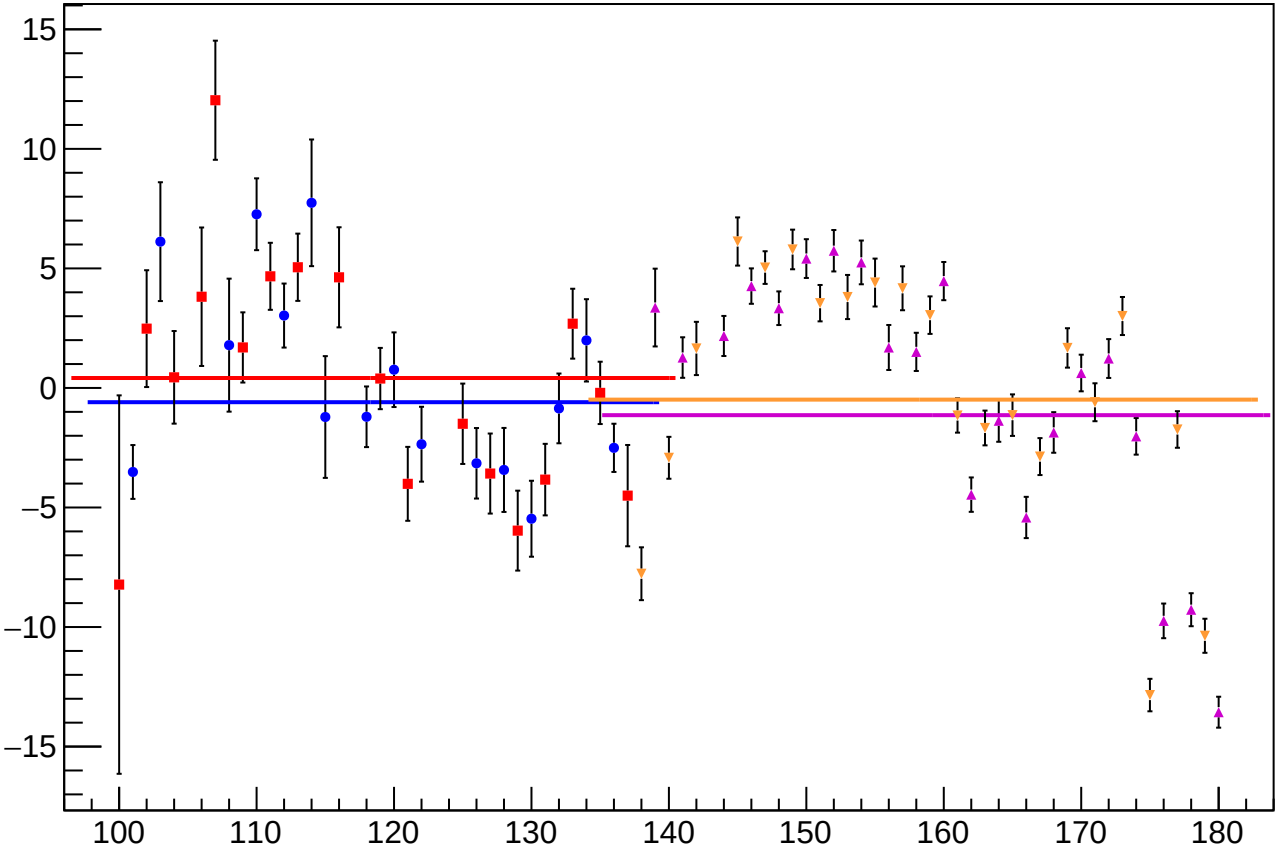
Left In: -48.161+/-0.197 χ^2/NDF:2241.2/20

+ sign -49.115+/-0.195 χ^2/NDF: 2113.6/36

All: -48.821+/-0.135 χ^2/NDF: 4636.8/75

- sign -48.549+/-0.188 χ^2/NDF: 2518.8/38

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: -0.488+/-0.178 χ^2/NDF:906.1/20

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

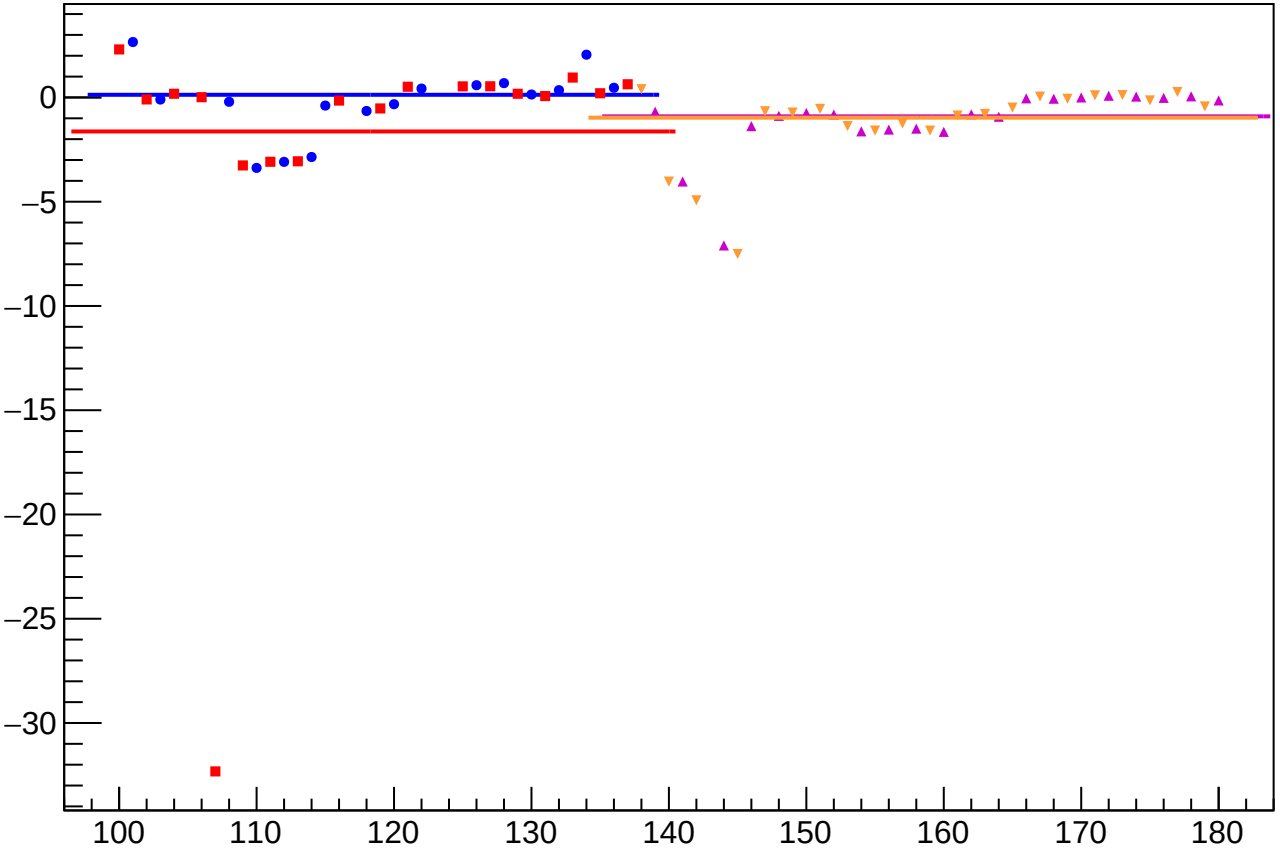
Left In: -1.138+/-0.175 χ^2/NDF:1081.9/20

+ sign -0.507+/-0.162 χ^2/NDF: 988.8/36

All: -0.699+/-0.114 χ^2/NDF: 2181.9/75

- sign -0.888+/-0.160 χ^2/NDF: 1190.3/38

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -0.969+/-0.008 χ^2/NDF:40556.3/20

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

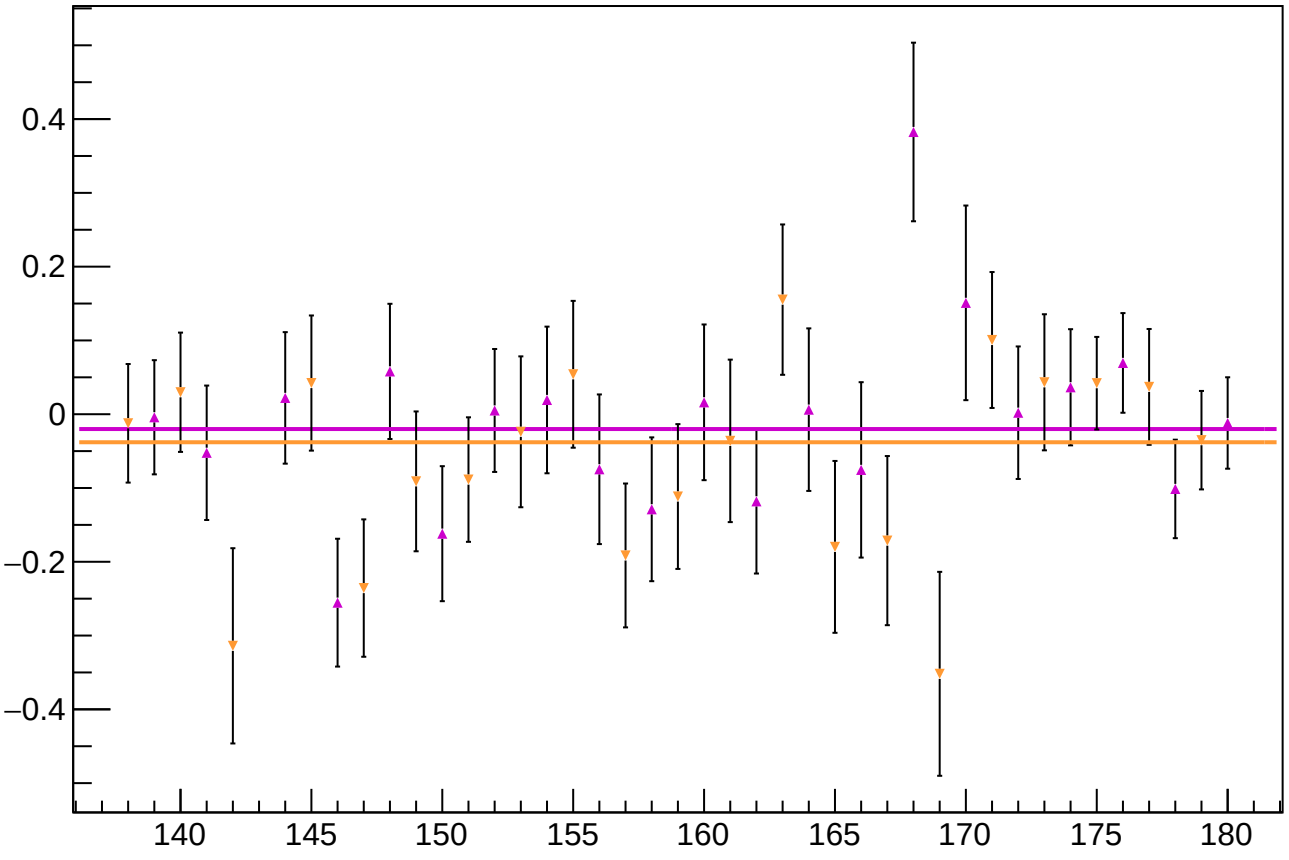
Left In: -0.906+/-0.008 χ^2/NDF:30581.8/20

+ sign -0.830+/-0.008 χ^2/NDF: 48084.6/36

All: -0.913+/-0.005 χ^2/NDF: 157748.1/75

- sign -0.991+/-0.007 χ^2/NDF: 109435.8/38

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.038+/-0.020 χ^2/NDF:32.2/20

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

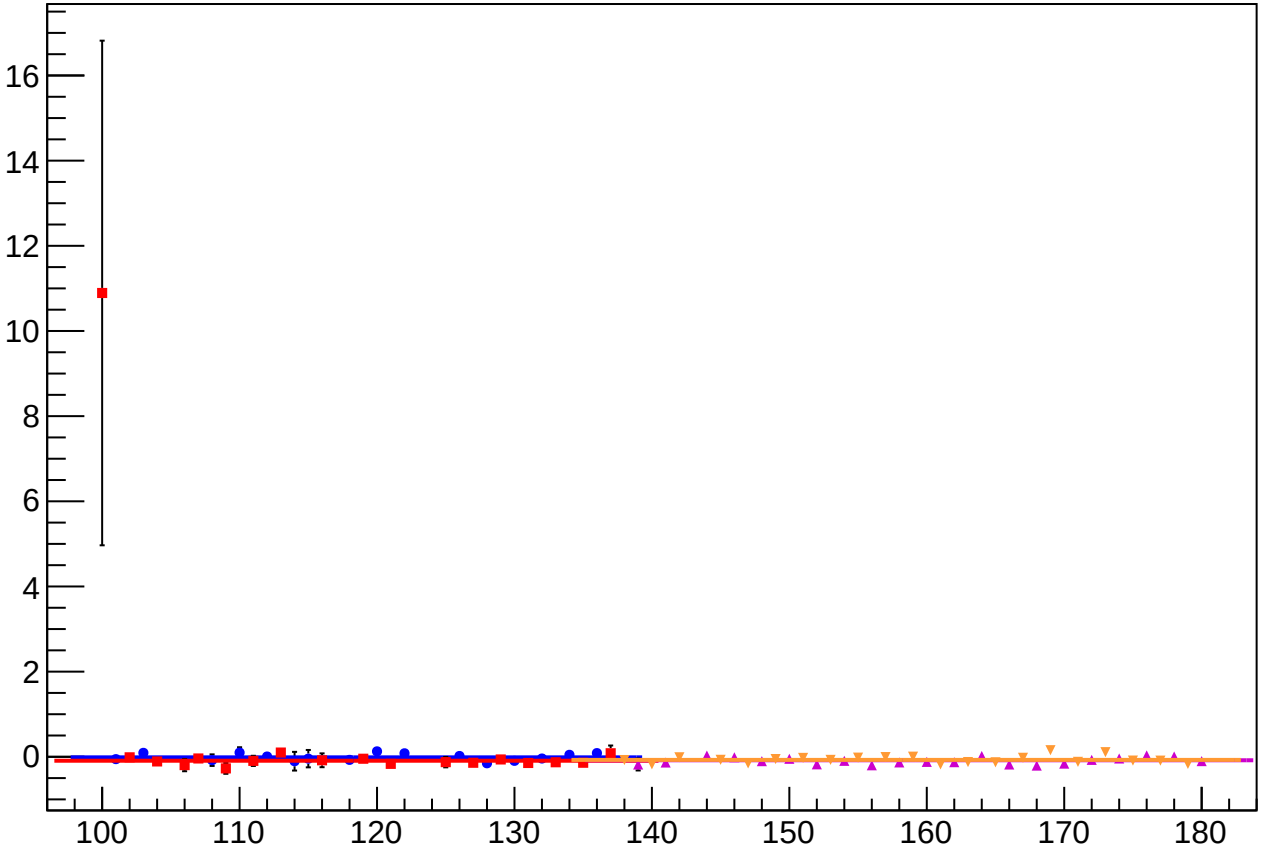
Left In: -0.020+/-0.019 χ^2/NDF:30.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.029+/-0.014 χ^2/NDF: 63.3/41

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013+/-0.023 χ^2/NDF: 12.2/15

Left Out: -0.073+/-0.015 χ^2/NDF:27.8/20

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

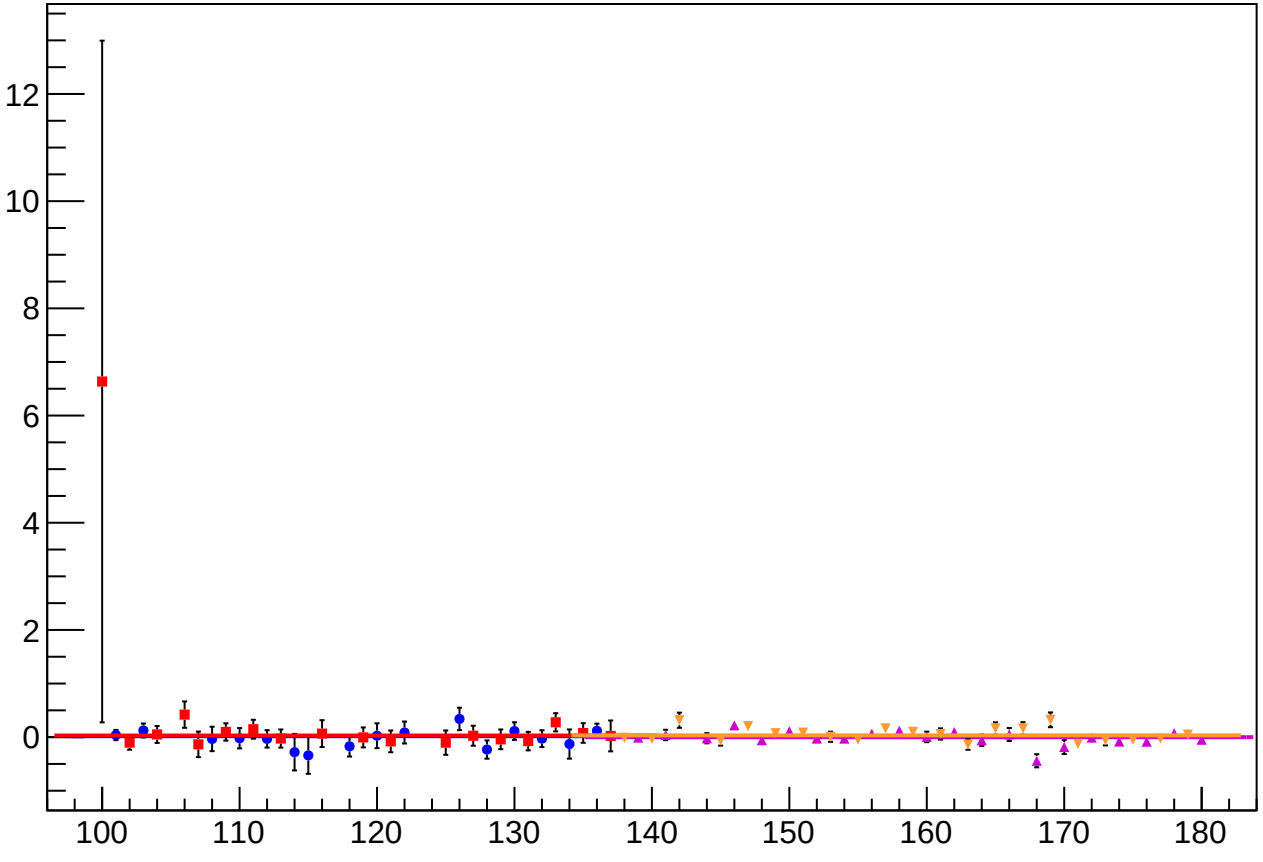
Left In: -0.081+/-0.015 χ^2/NDF:22.9/20

+ sign -0.055+/-0.013 χ^2/NDF: 44.7/36

All: -0.070+/-0.009 χ^2/NDF: 83.0/75

- sign -0.084+/-0.013 χ^2/NDF: 35.7/38

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.033+/-0.020 χ^2/NDF:29.8/20

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

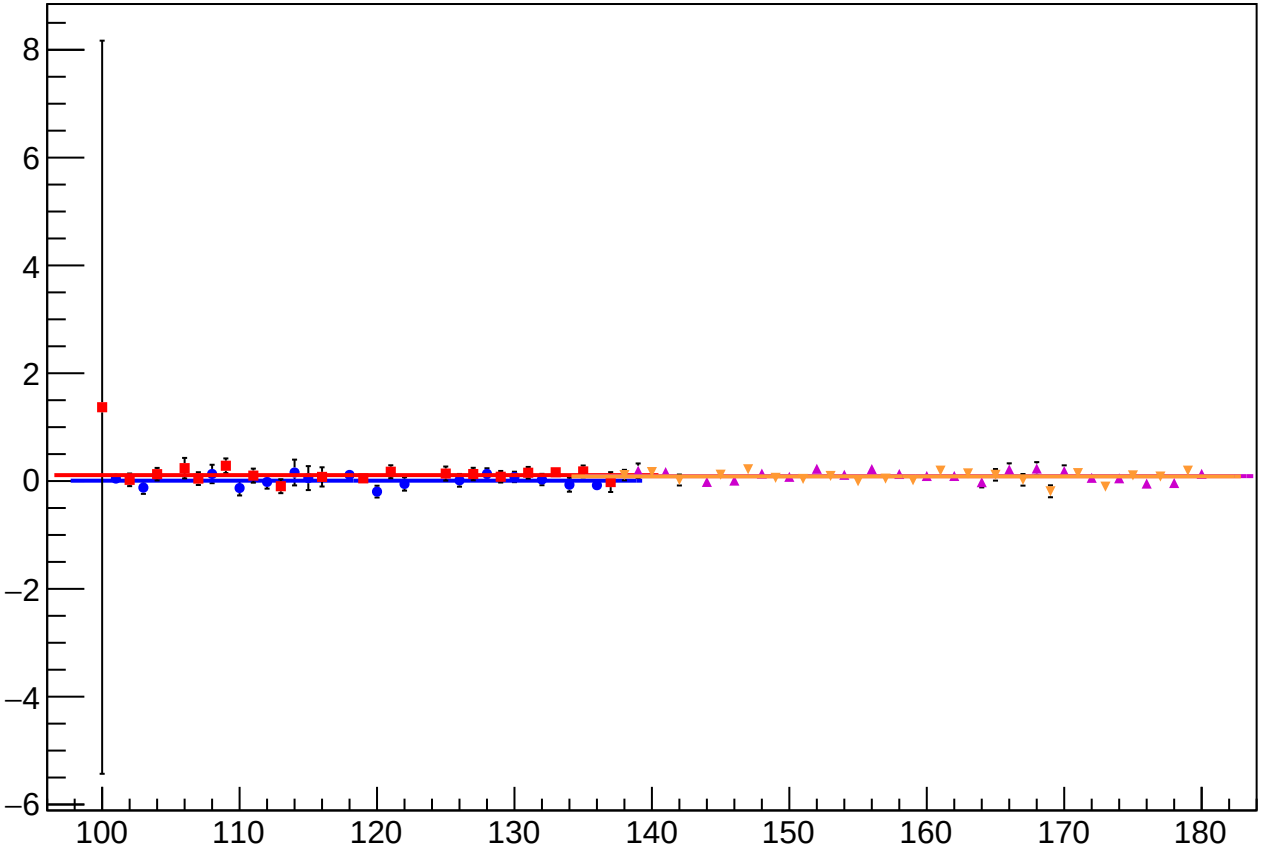
Left In: -0.001+/-0.019 χ^2/NDF:32.6/20

+ sign 0.030+/-0.018 χ^2/NDF: 39.6/36

All: 0.017+/-0.013 χ^2/NDF: 82.9/75

- sign 0.004+/-0.018 χ^2/NDF: 42.2/38

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007+/-0.027 χ^2/NDF: 12.1/15

Left Out: 0.087+/-0.017 χ^2/NDF:27.7/20

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

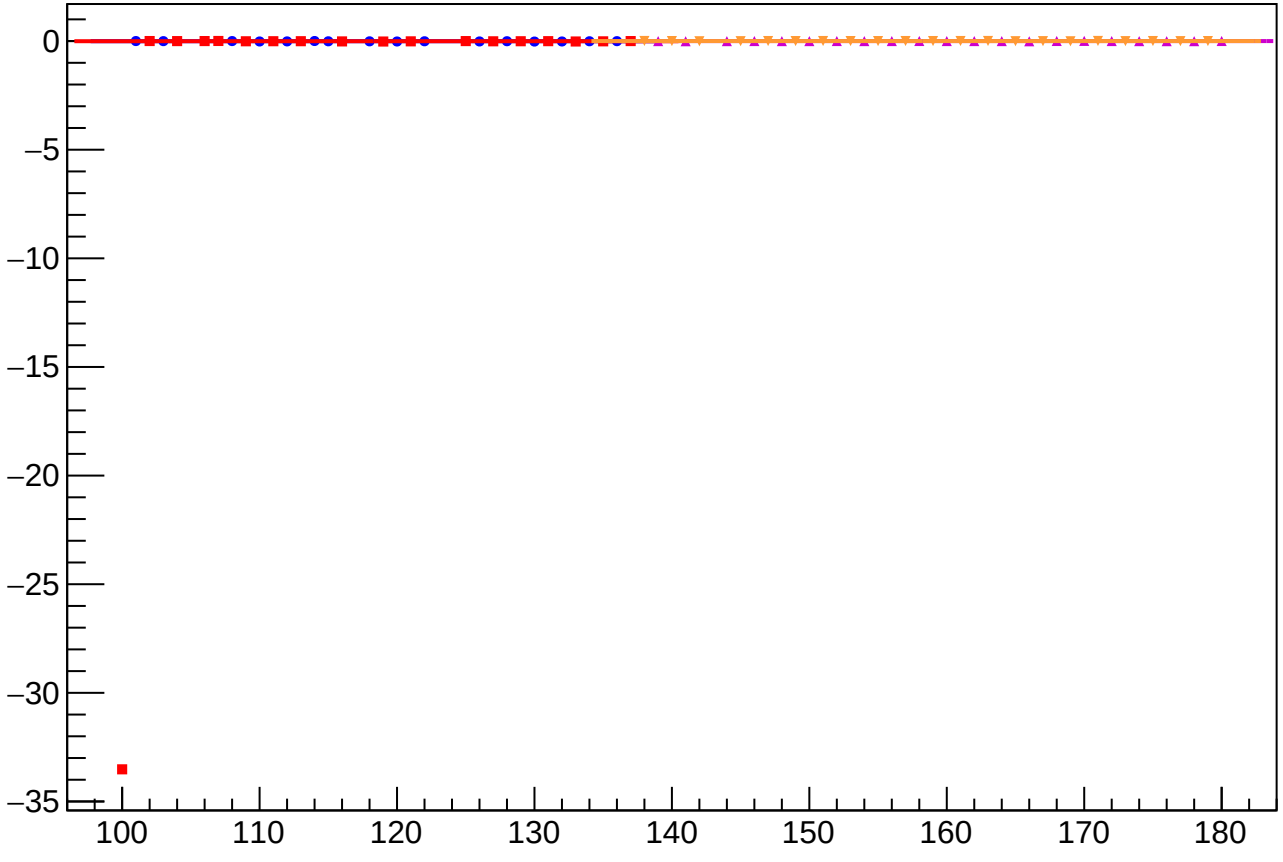
Left In: 0.091+/-0.017 χ^2/NDF:25.8/20

+ sign 0.064+/-0.014 χ^2/NDF: 46.1/36

All: 0.080+/-0.010 χ^2/NDF: 82.6/75

- sign 0.096+/-0.015 χ^2/NDF: 34.1/38

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: 0.001+/-0.001 χ^2/NDF:20.3/20

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

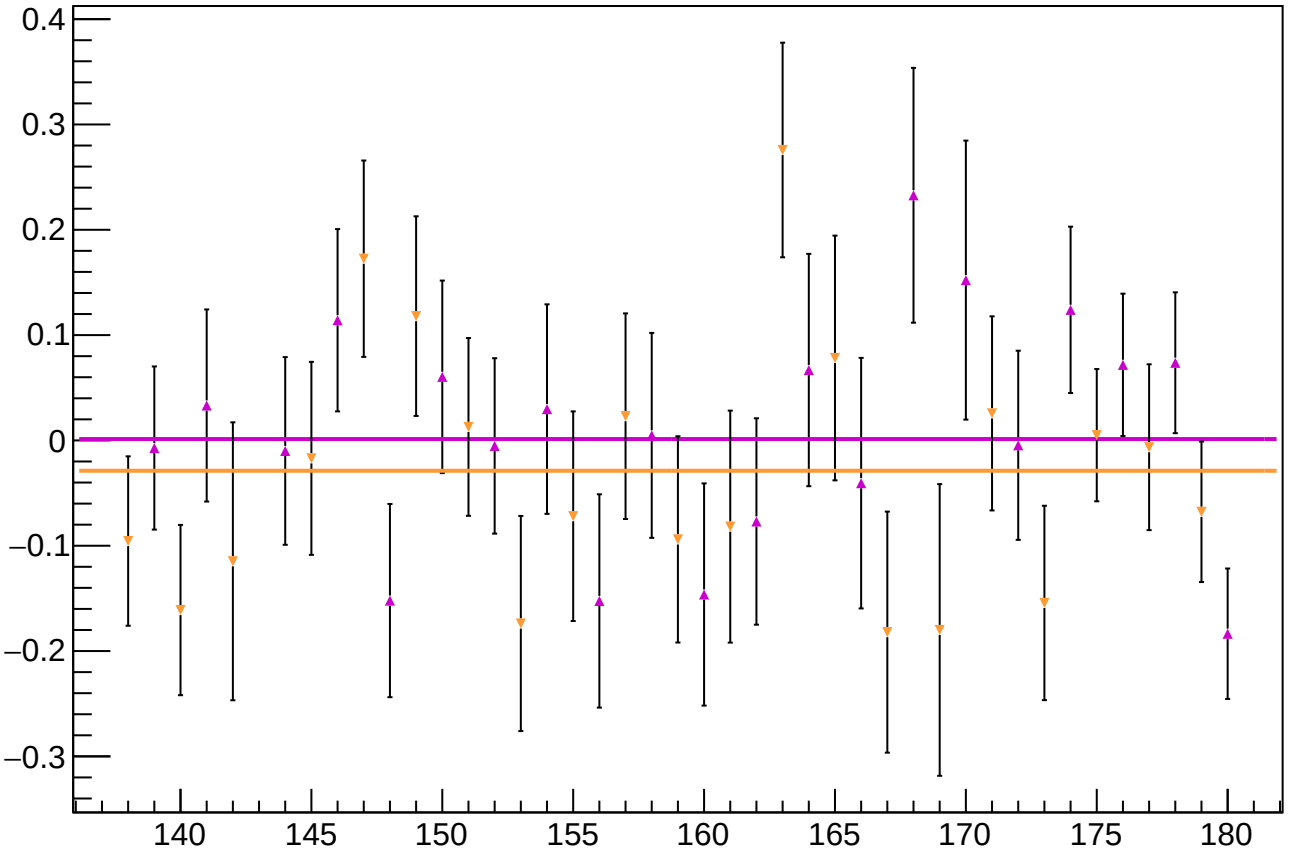
Left In: 0.000+/-0.001 χ^2/NDF:20.5/20

+ sign -0.001+/-0.001 χ^2/NDF: 57.1/36

All: -0.001+/-0.000 χ^2/NDF: 26599.9/75

- sign -0.001+/-0.001 χ^2/NDF: 26542.5/38

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.029+/-0.020 χ^2/NDF:30.0/20

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

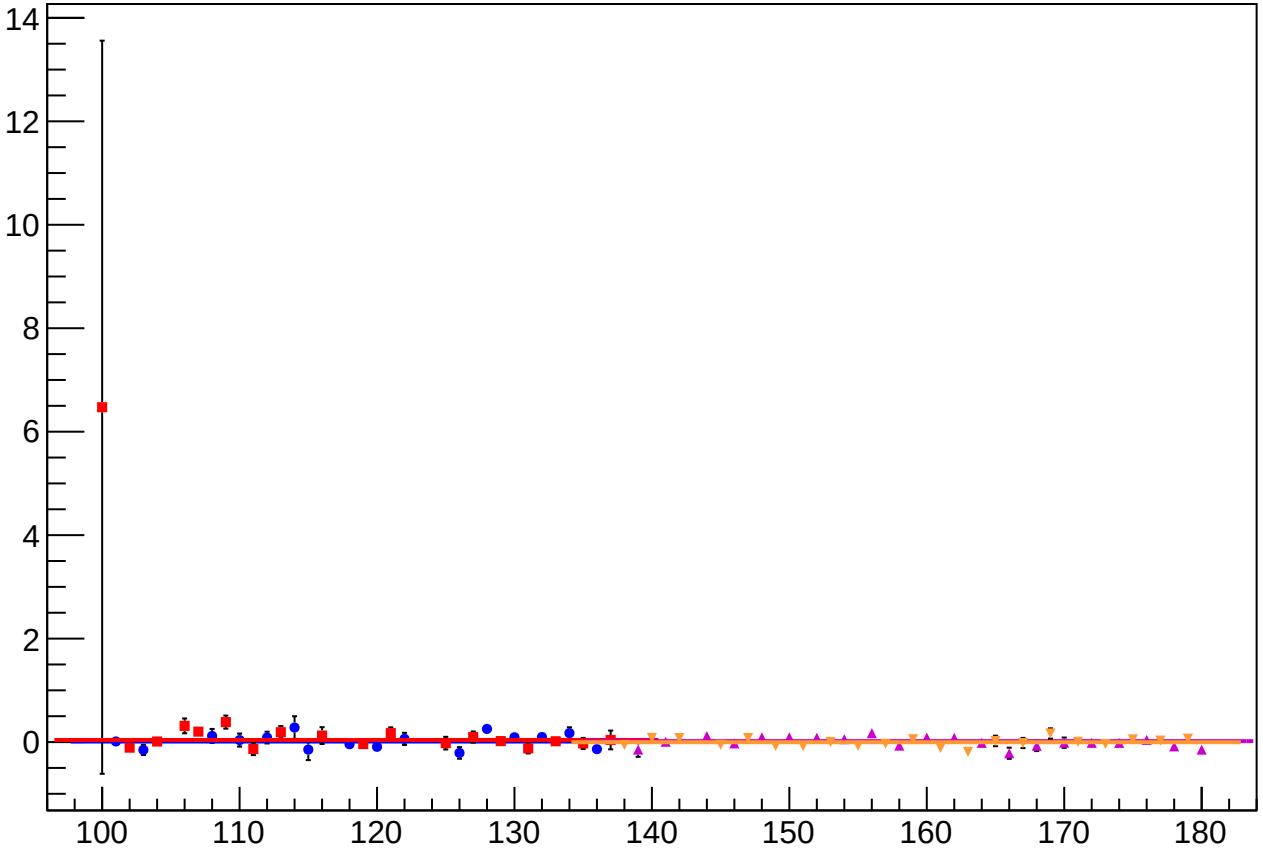
Left In: 0.001+/-0.019 χ^2/NDF:29.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.013+/-0.014 χ^2/NDF: 60.2/41

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010+/-0.023 χ^2/NDF: 25.4/15

Left Out: -0.003+/-0.015 χ^2/NDF:25.8/20

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

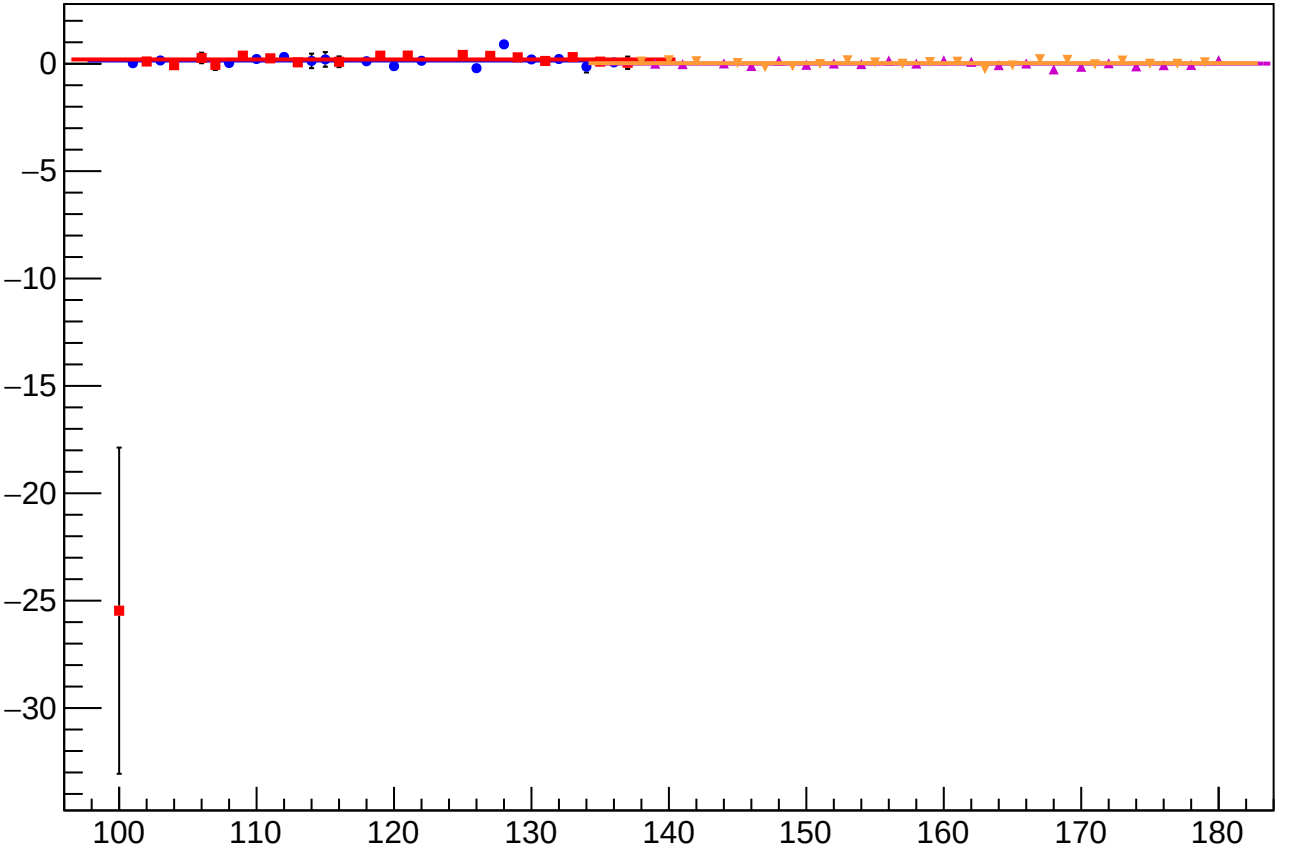
Left In: 0.018+/-0.015 χ^2/NDF:34.3/20

+ sign 0.001+/-0.013 χ^2/NDF: 51.5/36

All: 0.012+/-0.009 χ^2/NDF: 116.0/75

- sign 0.024+/-0.013 χ^2/NDF: 62.8/38

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.027+/-0.020 χ^2/NDF:29.0/20

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

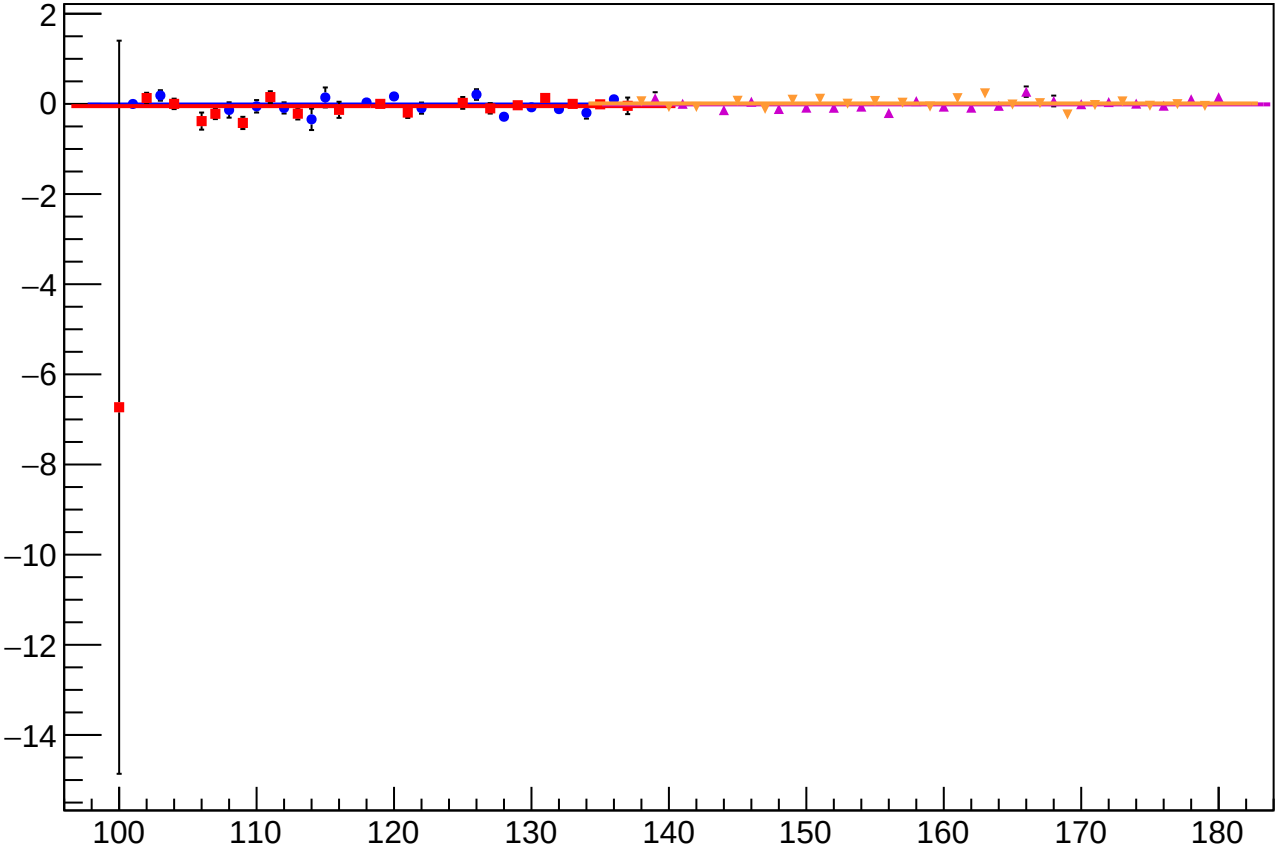
Left In: 0.008+/-0.019 χ^2/NDF:28.2/20

+ sign 0.049+/-0.018 χ^2/NDF: 64.7/36

All: 0.043+/-0.013 χ^2/NDF: 131.6/75

- sign 0.037+/-0.018 χ^2/NDF: 66.7/38

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: 0.010+/-0.017 χ^2/NDF:27.8/20

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

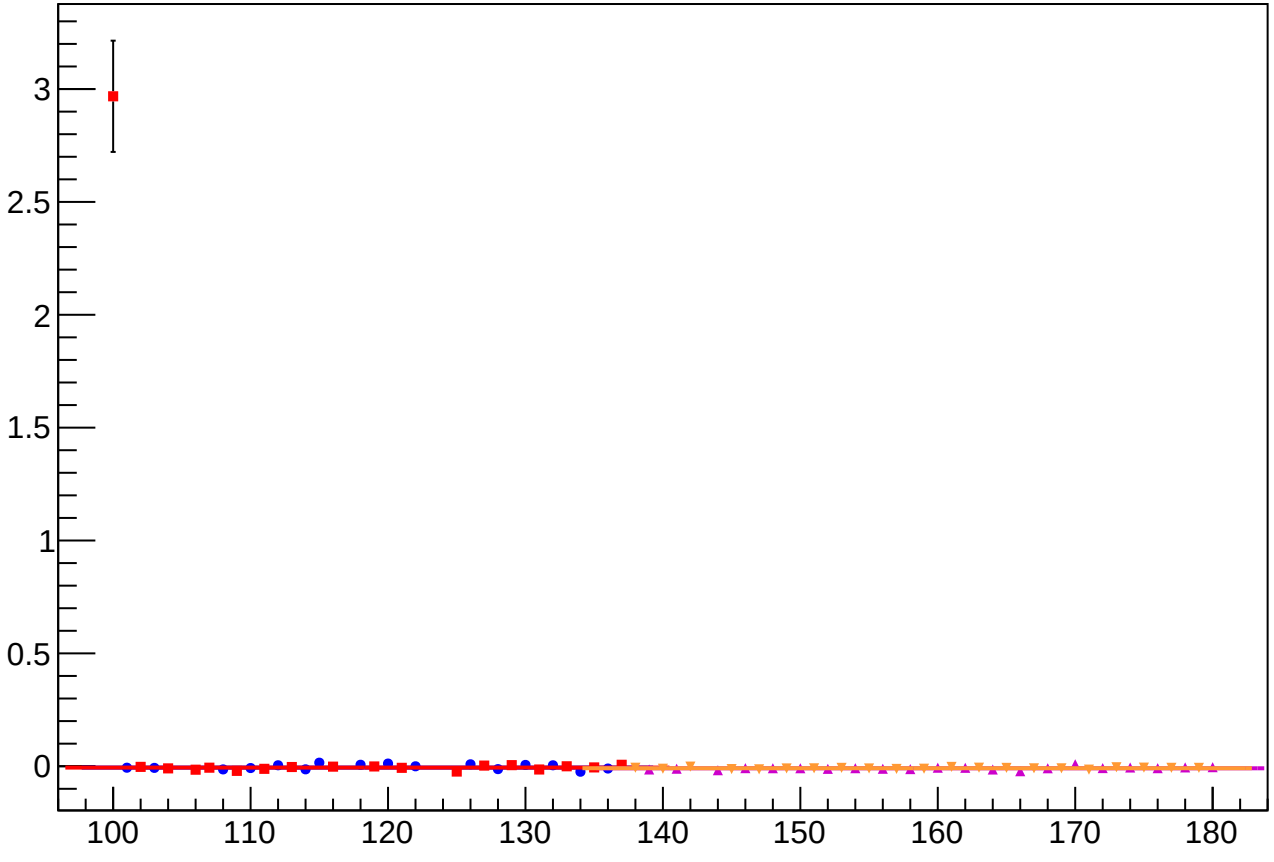
Left In: -0.011+/-0.017 χ^2/NDF:34.0/20

+ sign 0.003+/-0.014 χ^2/NDF: 53.6/36

All: -0.009+/-0.010 χ^2/NDF: 116.0/75

- sign -0.021+/-0.015 χ^2/NDF: 61.1/38

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.009+/-0.001 χ^2/NDF:15.8/20

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

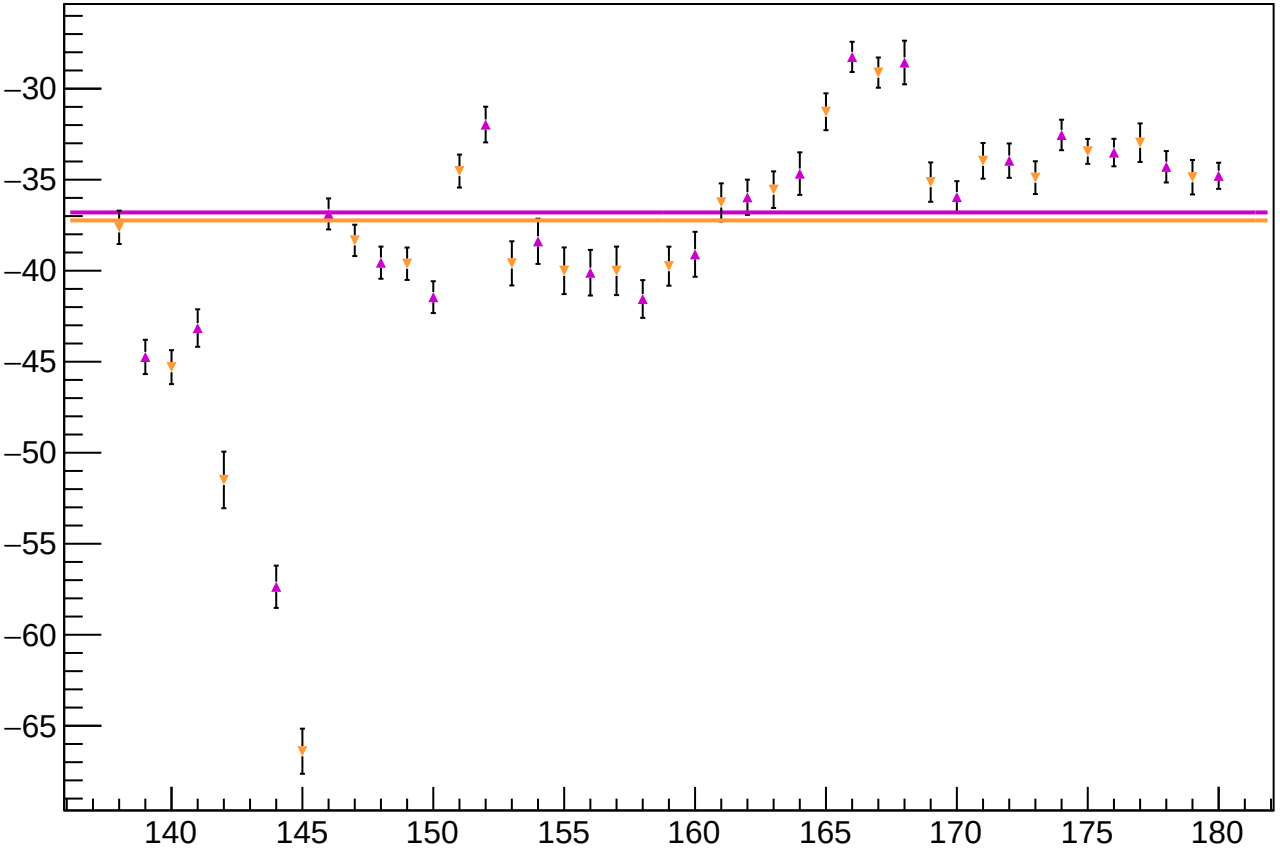
Left In: -0.009+/-0.001 χ^2/NDF:37.1/20

+ sign -0.008+/-0.001 χ^2/NDF: 47.5/36

All: -0.008+/-0.000 χ^2/NDF: 254.1/75

- sign -0.008+/-0.001 χ^2/NDF: 206.4/38

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -37.237+/-0.215 χ^2/NDF:957.6/20

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

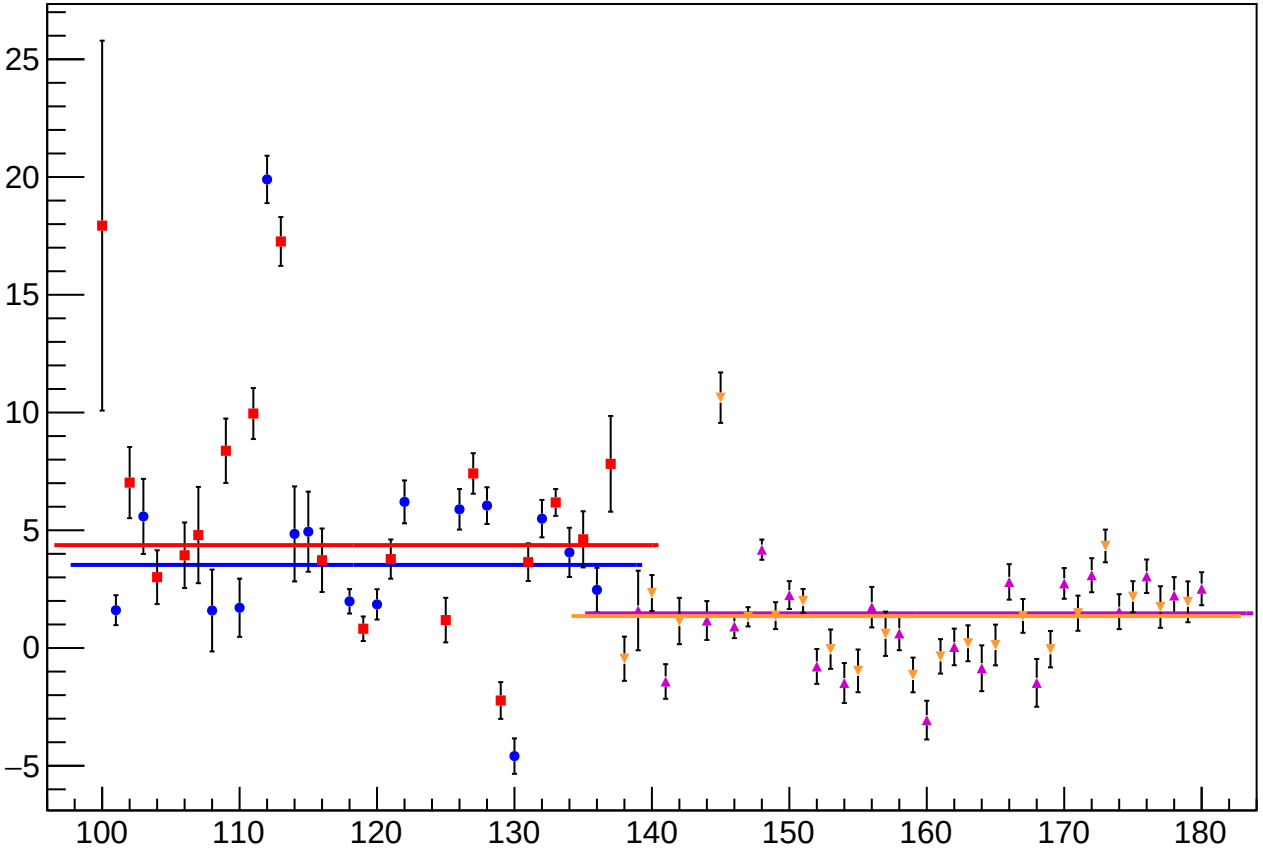
Left In: -36.799+/-0.206 χ^2/NDF:746.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -37.009+/-0.149 χ^2/NDF: 1706.2/41

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530+/-0.217 χ^2/NDF: 446.6/15

Left Out: 1.356+/-0.157 χ^2/NDF:137.3/20

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

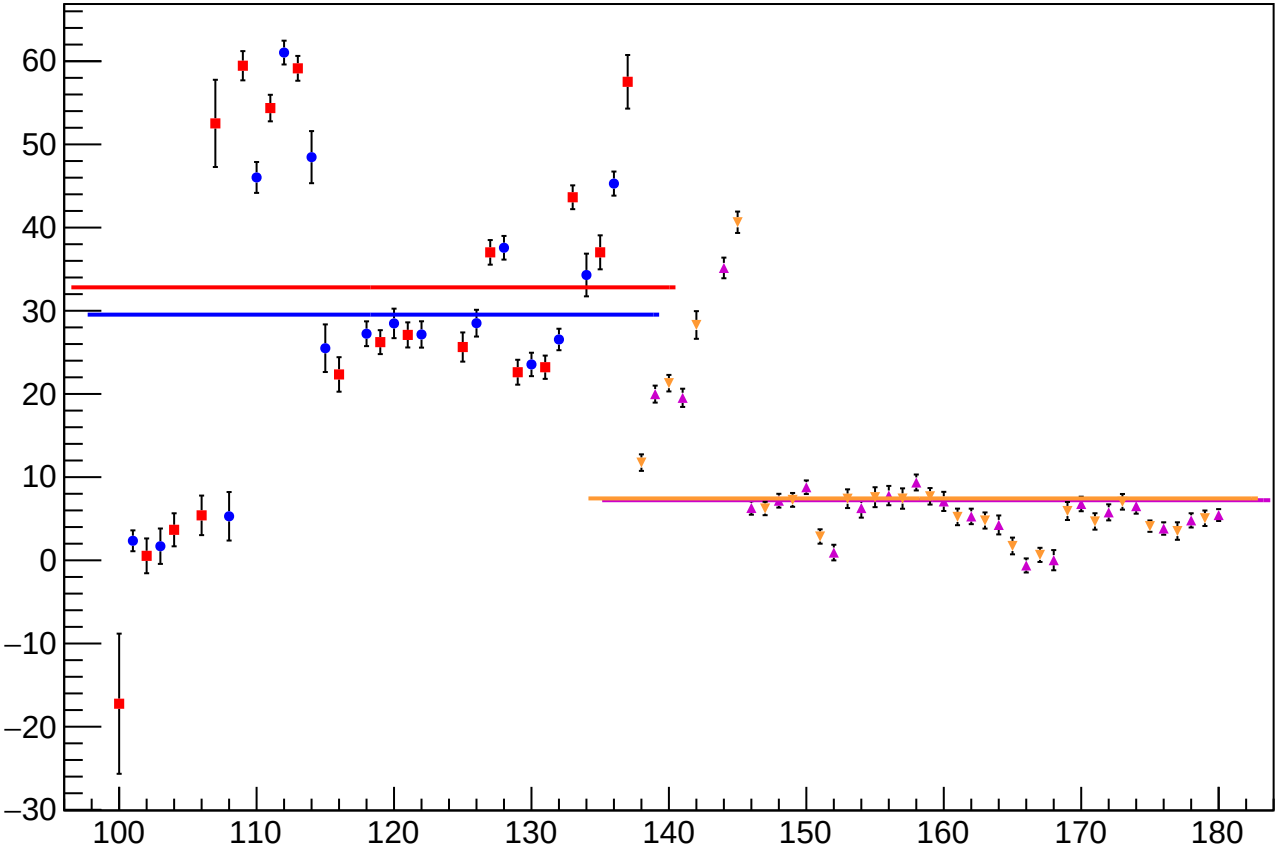
Left In: 1.473+/-0.156 χ^2/NDF:149.3/20

+ sign 2.101+/-0.127 χ^2/NDF: 649.6/36

All: 2.254+/-0.090 χ^2/NDF: 1267.4/75

- sign 2.409+/-0.128 χ^2/NDF: 614.9/38

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 7.441+/-0.213 χ^2/NDF:1229.6/20

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

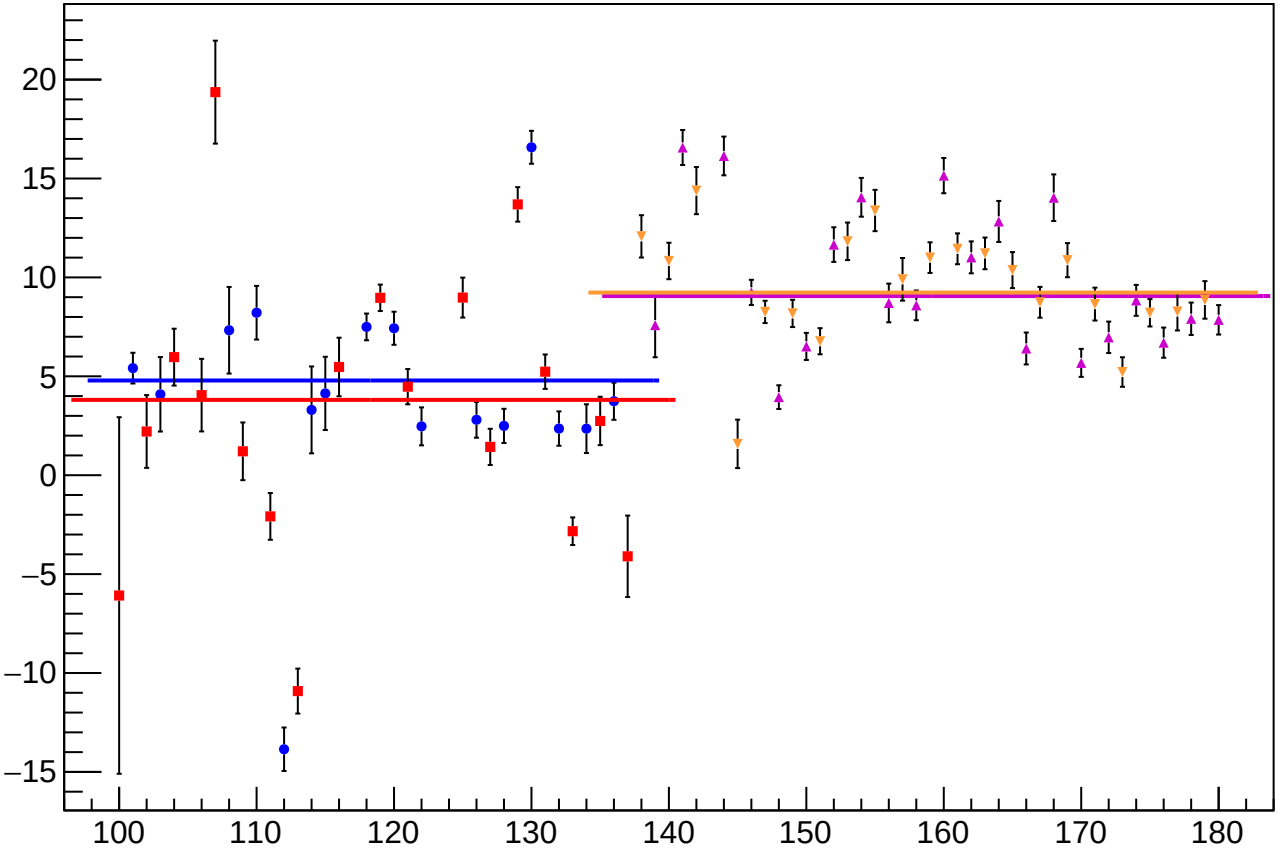
Left In: 7.226+/-0.204 χ^2/NDF:1014.8/20

+ sign 12.003+/-0.189 χ^2/NDF: 4954.7/36

All: 12.027+/-0.132 χ^2/NDF: 10601.0/75

- sign 12.049+/-0.184 χ^2/NDF: 5646.3/38

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 9.234+/-0.181 χ^2/NDF:168.4/20

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

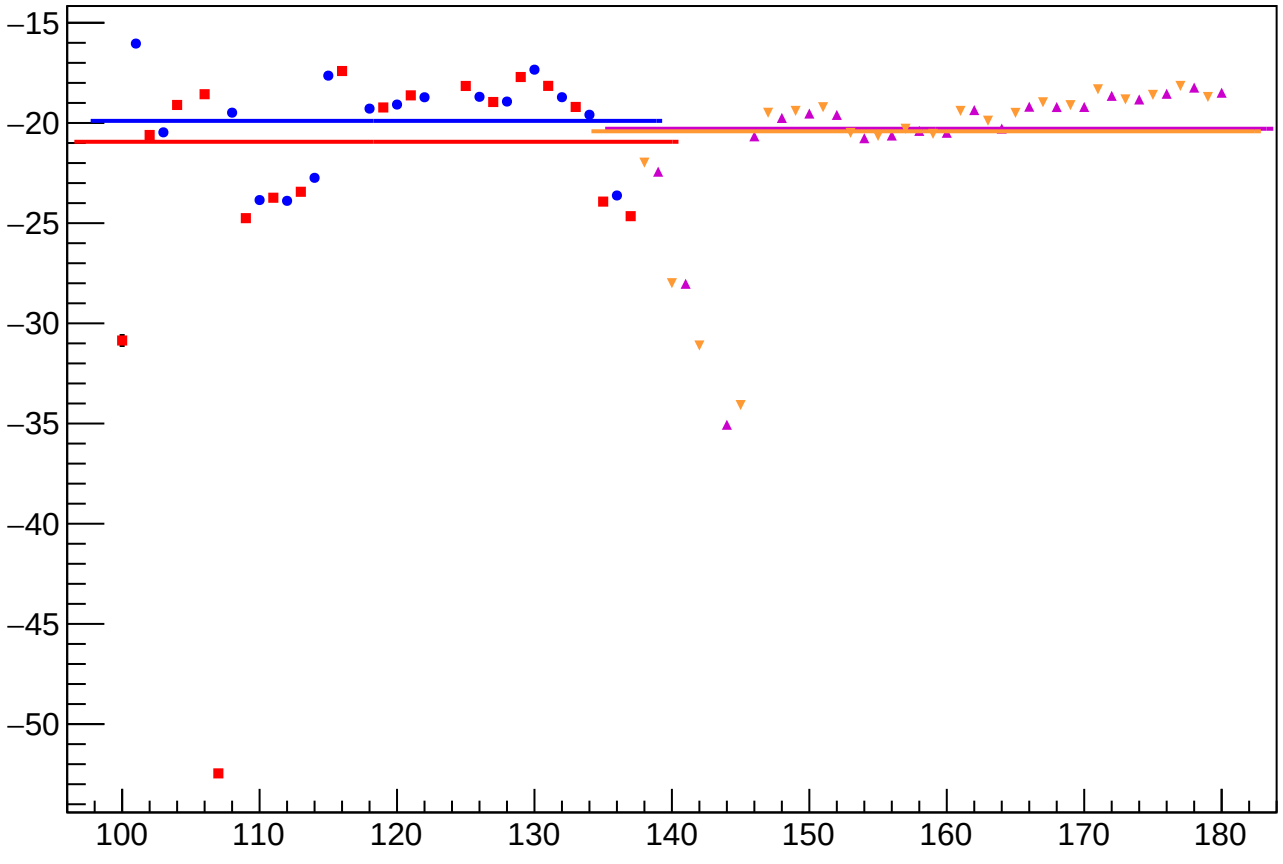
Left In: 9.057+/-0.178 χ^2/NDF:385.2/20

+ sign 7.713+/-0.147 χ^2/NDF: 928.3/36

All: 7.540+/-0.104 χ^2/NDF: 2162.5/75

- sign 7.368+/-0.147 χ^2/NDF: 1231.5/38

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -20.415+/-0.009 χ^2/NDF:149863.0/20

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

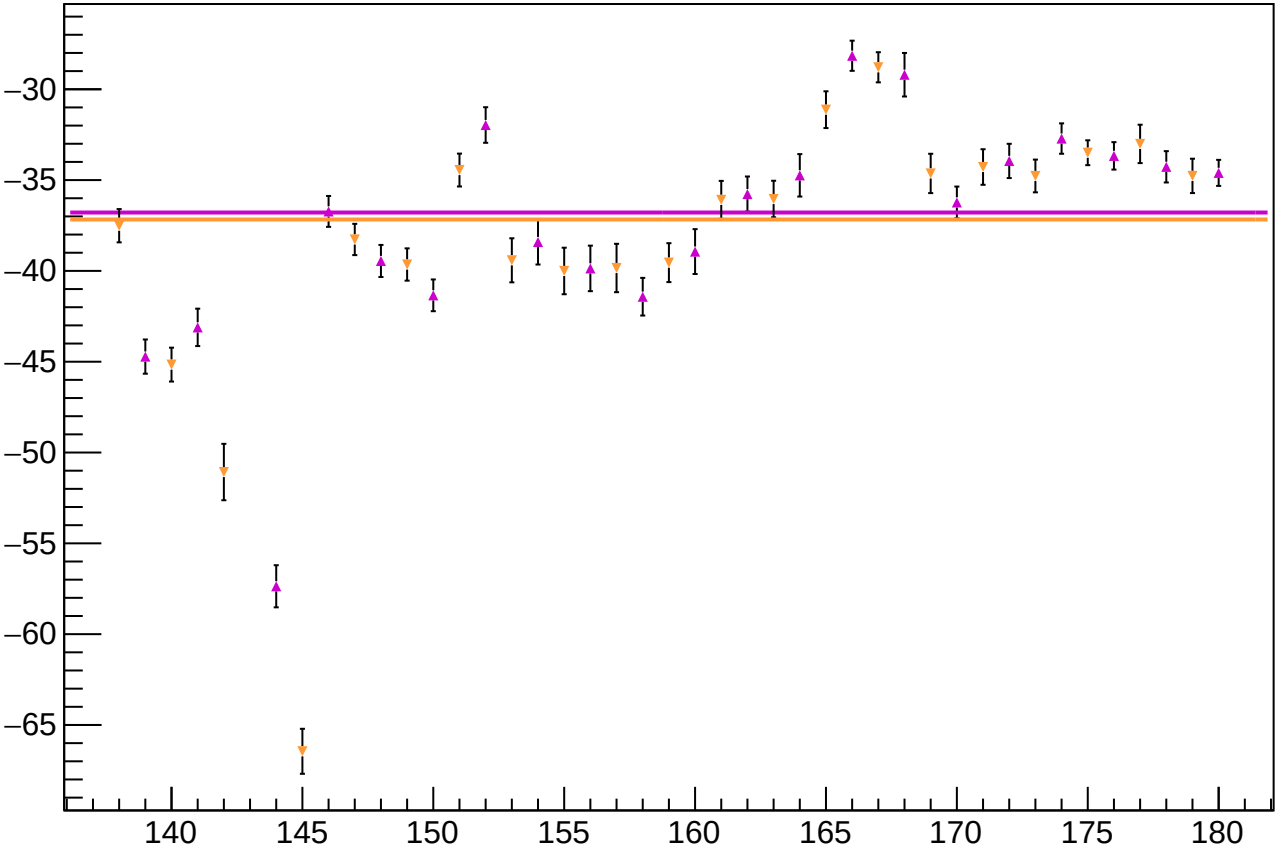
Left In: -20.288+/-0.008 χ^2/NDF:124462.0/20

+ sign -20.295+/-0.007 χ^2/NDF: 176794.1/36

All: -20.363+/-0.005 χ^2/NDF: 396828.6/75

- sign -20.428+/-0.007 χ^2/NDF: 219871.4/38

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -37.170+/-0.215 χ^2/NDF:960.2/20

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

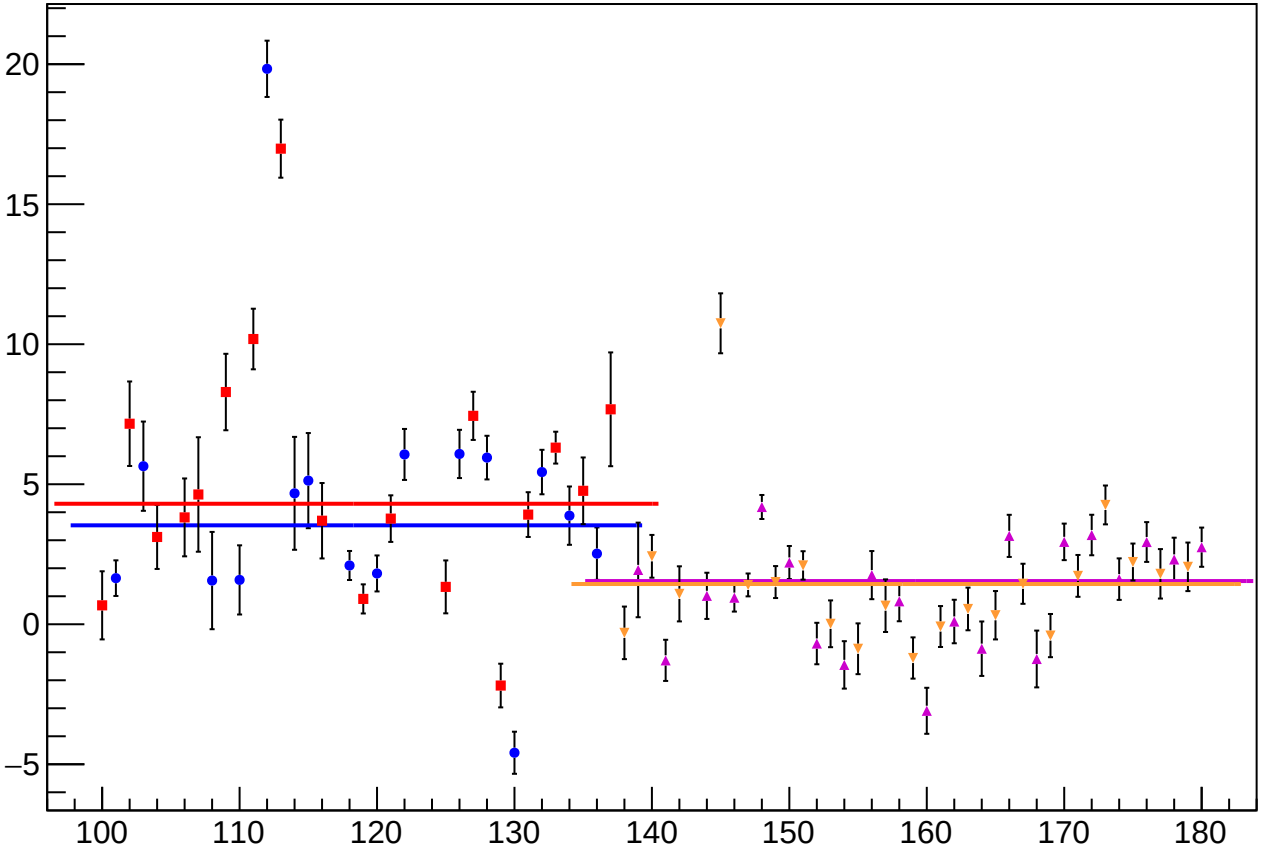
Left In: -36.786+/-0.206 χ^2/NDF:735.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.970+/-0.149 χ^2/NDF: 1696.9/41

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532+/-0.217 χ^2/NDF: 443.2/15

Left Out: 1.437+/-0.157 χ^2/NDF:137.4/20

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

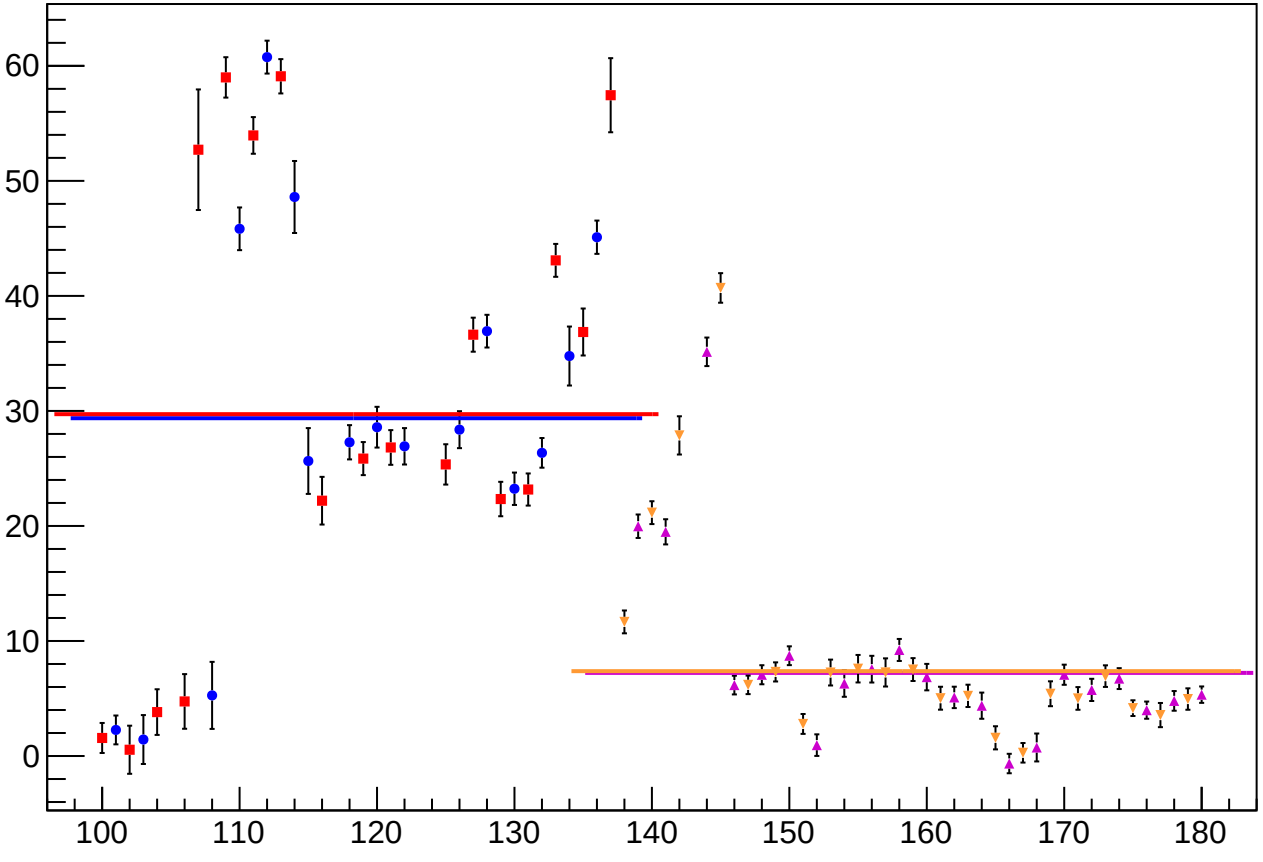
Left In: 1.543+/-0.156 χ^2/NDF:149.9/20

+ sign 2.155+/-0.127 χ^2/NDF: 641.8/36

All: 2.305+/-0.090 χ^2/NDF: 1251.2/75

- sign 2.455+/-0.127 χ^2/NDF: 606.6/38

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 7.376+/-0.212 χ^2/NDF:1230.3/20

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

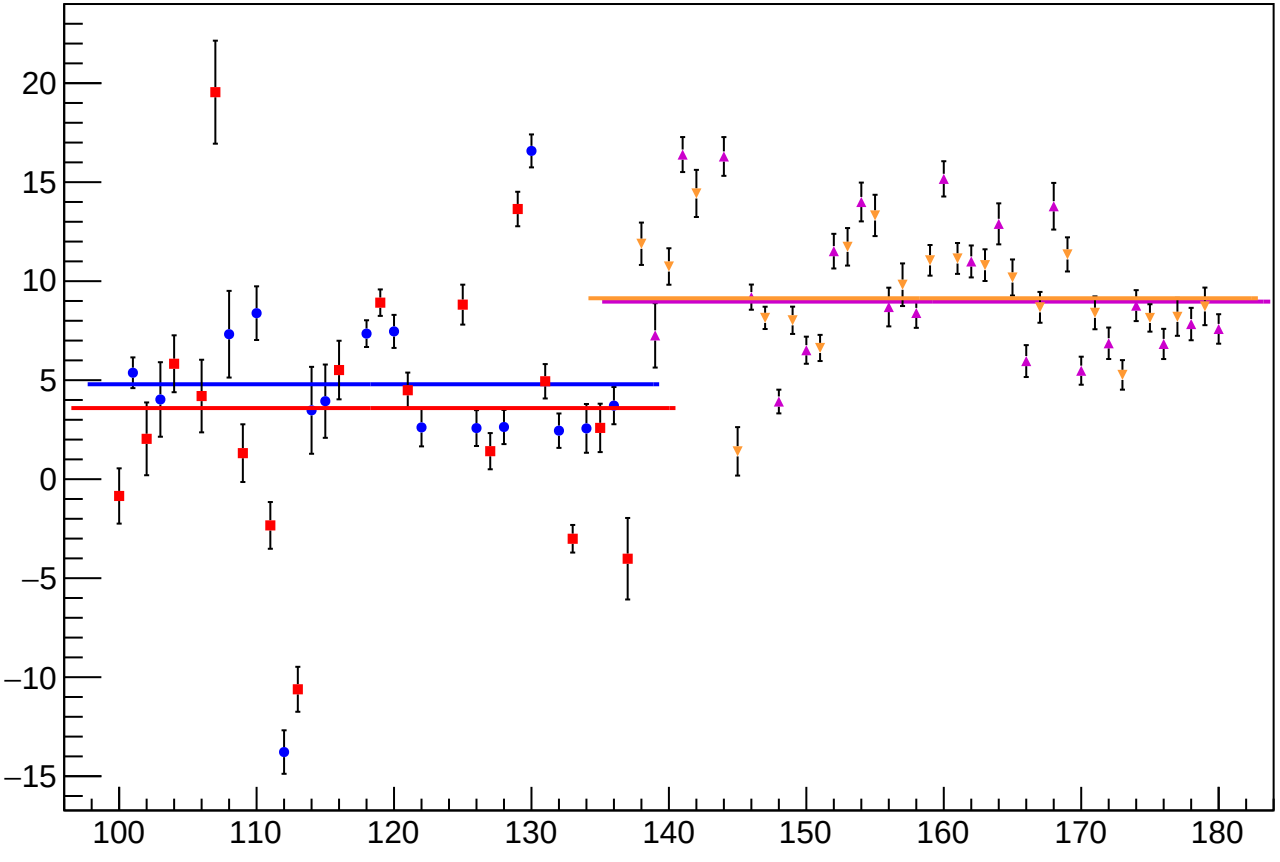
Left In: 7.226+/-0.204 χ^2/NDF:1006.8/20

+ sign 11.917+/-0.189 χ^2/NDF: 4931.3/36

All: 11.863+/-0.131 χ^2/NDF: 10554.5/75

- sign 11.812+/-0.182 χ^2/NDF: 5623.0/38

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 9.137+/-0.181 χ^2/NDF:169.8/20

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

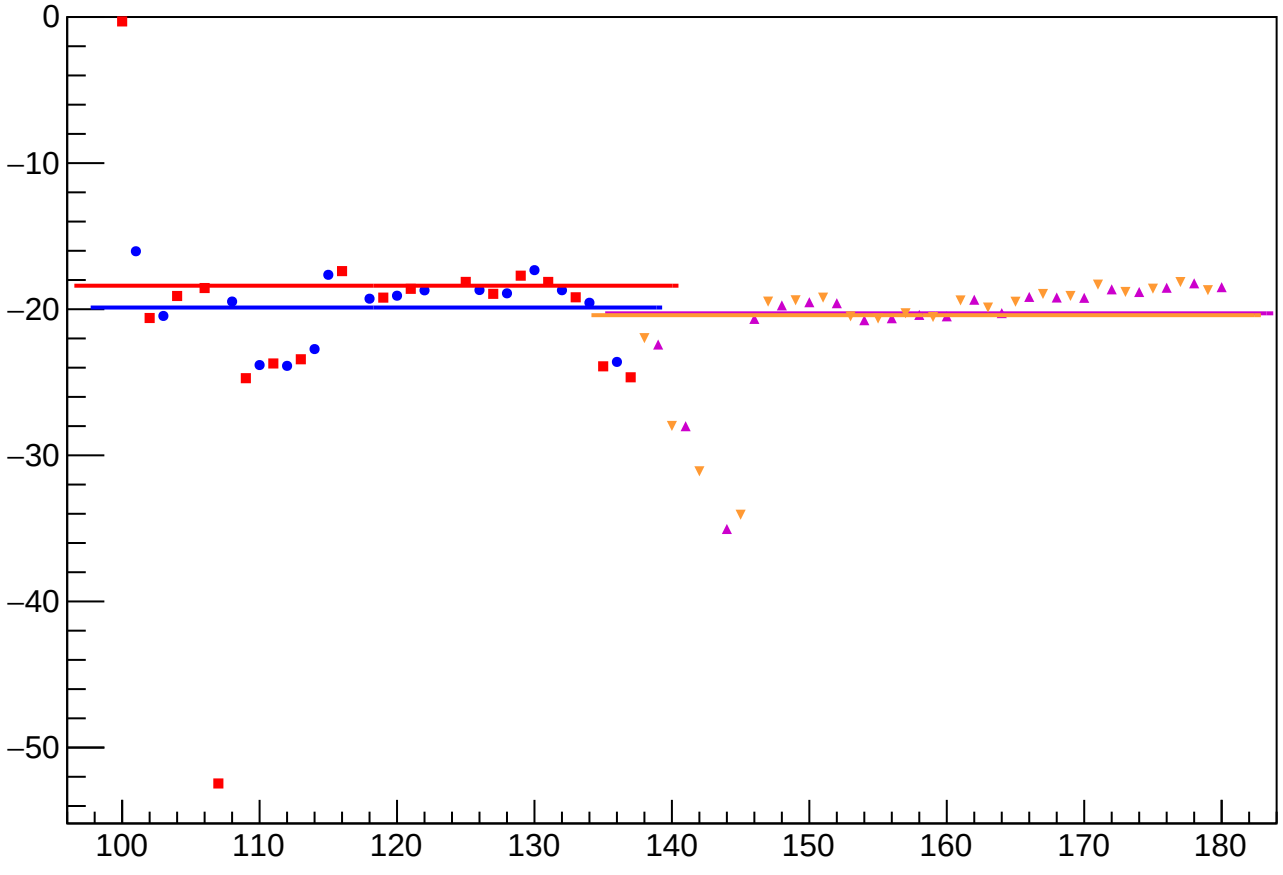
Left In: 8.967+/-0.178 χ^2/NDF:391.5/20

+ sign 7.651+/-0.147 χ^2/NDF: 916.6/36

All: 7.423+/-0.104 χ^2/NDF: 2185.7/75

- sign 7.198+/-0.146 χ^2/NDF: 1264.2/38

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -20.407+/-0.009 χ^2/NDF:149954.5/20

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

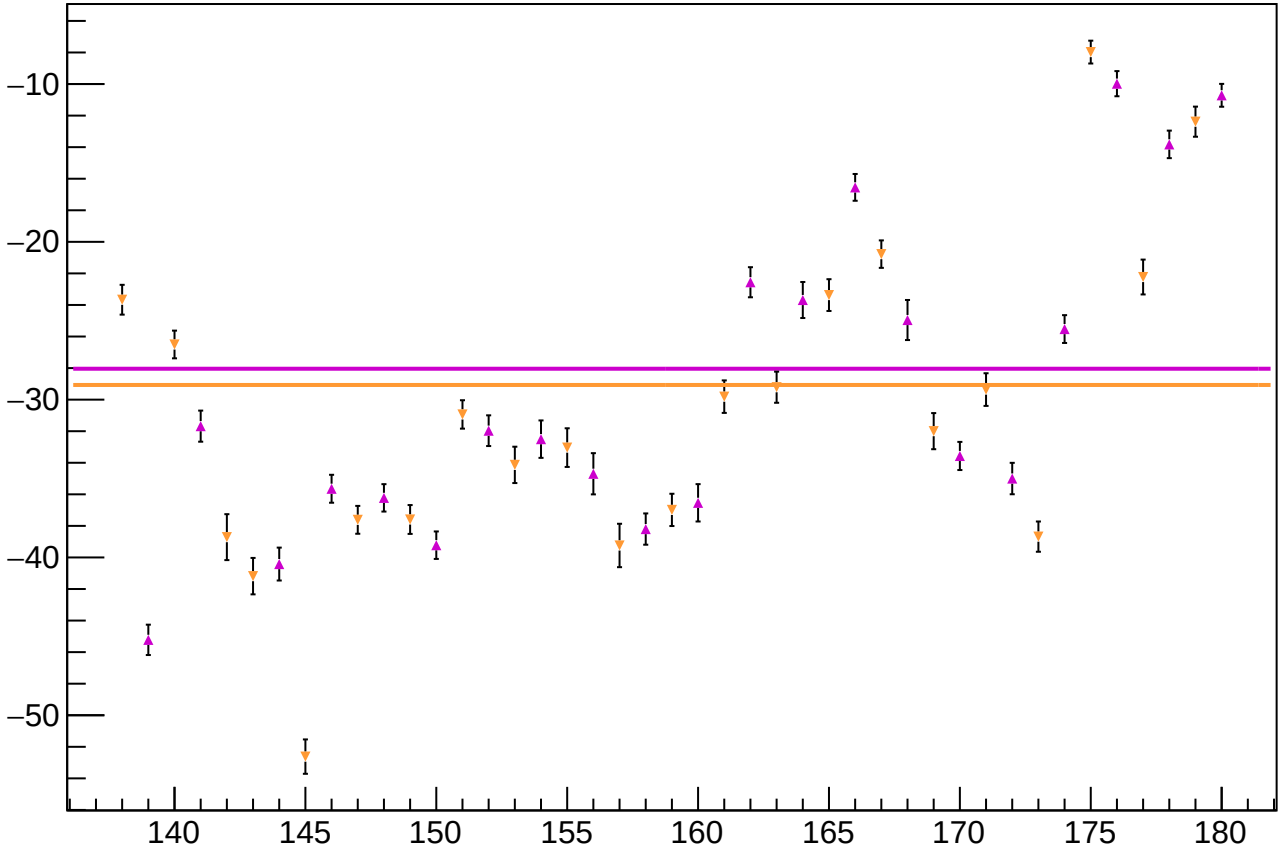
Left In: -20.280+/-0.008 χ^2/NDF:124351.1/20

+ sign -20.286+/-0.007 χ^2/NDF: 176890.6/36

All: -20.049+/-0.005 χ^2/NDF: 616956.2/75

- sign -19.831+/-0.007 χ^2/NDF: 438141.1/38

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -29.070+/-0.213 χ^2/NDF:2417.1/21

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

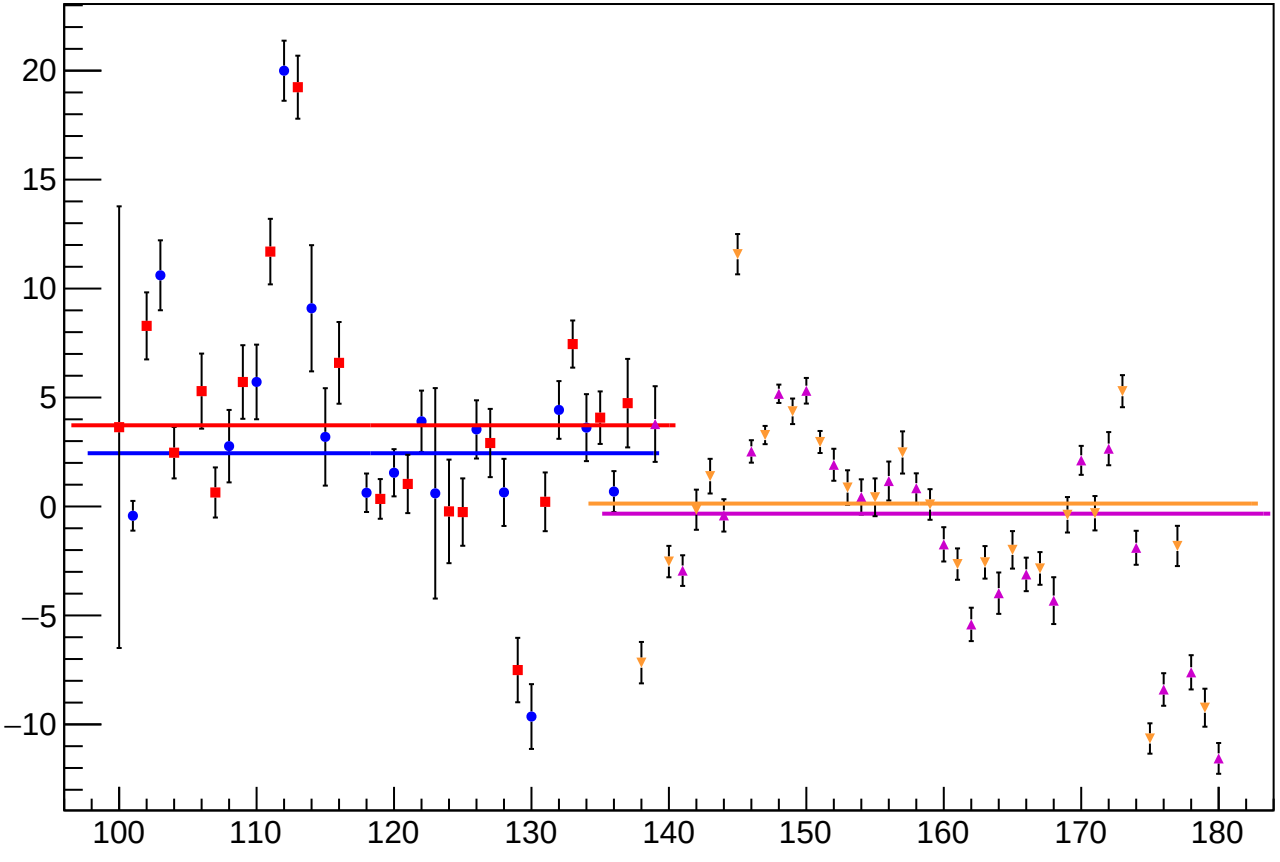
Left In: -28.041+/-0.207 χ^2/NDF:2698.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -28.541+/-0.149 χ^2/NDF: 5127.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: 0.133+/-0.155 χ^2/NDF:834.0/21

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

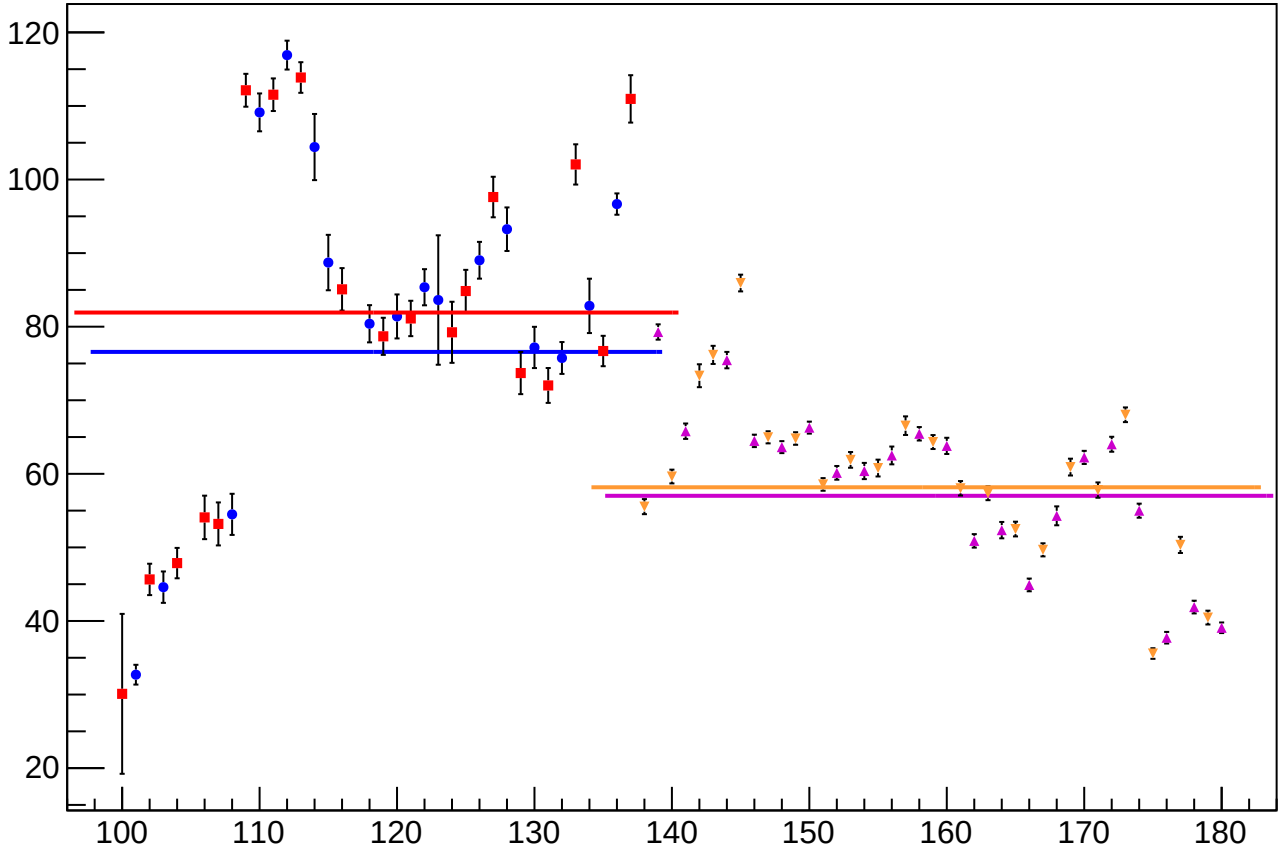
Left In: -0.330+/-0.156 χ^2/NDF:905.5/20

+ sign 0.591+/-0.138 χ^2/NDF: 1173.5/38

All: 0.506+/-0.099 χ^2/NDF: 2474.5/78

- sign 0.419+/-0.141 χ^2/NDF: 1300.2/39

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 58.172+/-0.211 χ^2/NDF:2756.3/21

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

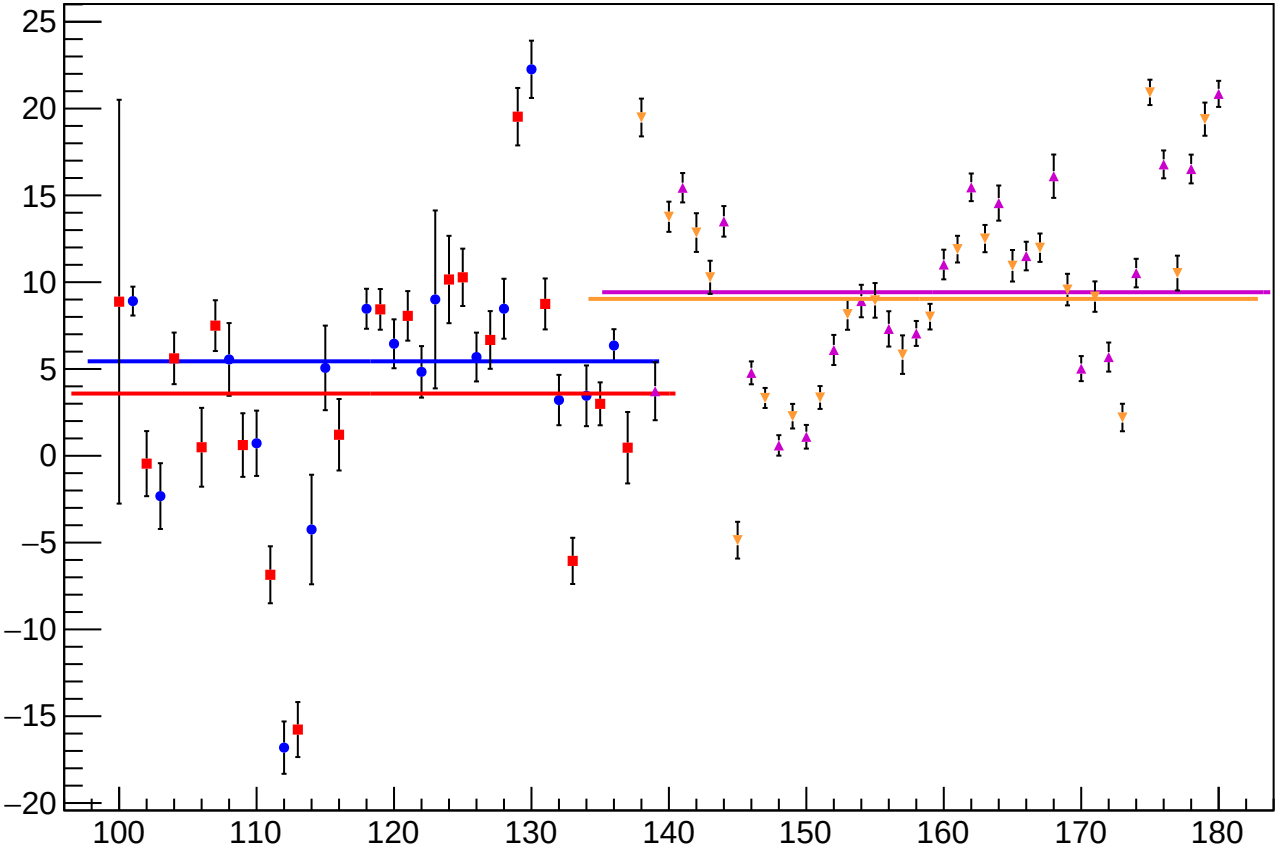
Left In: 57.014+/-0.205 χ^2/NDF:3110.3/20

+ sign 60.366+/-0.198 χ^2/NDF: 5917.2/38

All: 60.013+/-0.138 χ^2/NDF: 12185.9/78

- sign 59.676+/-0.194 χ^2/NDF: 6262.5/39

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 9.037+/-0.179 χ^2/NDF:1092.6/21

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

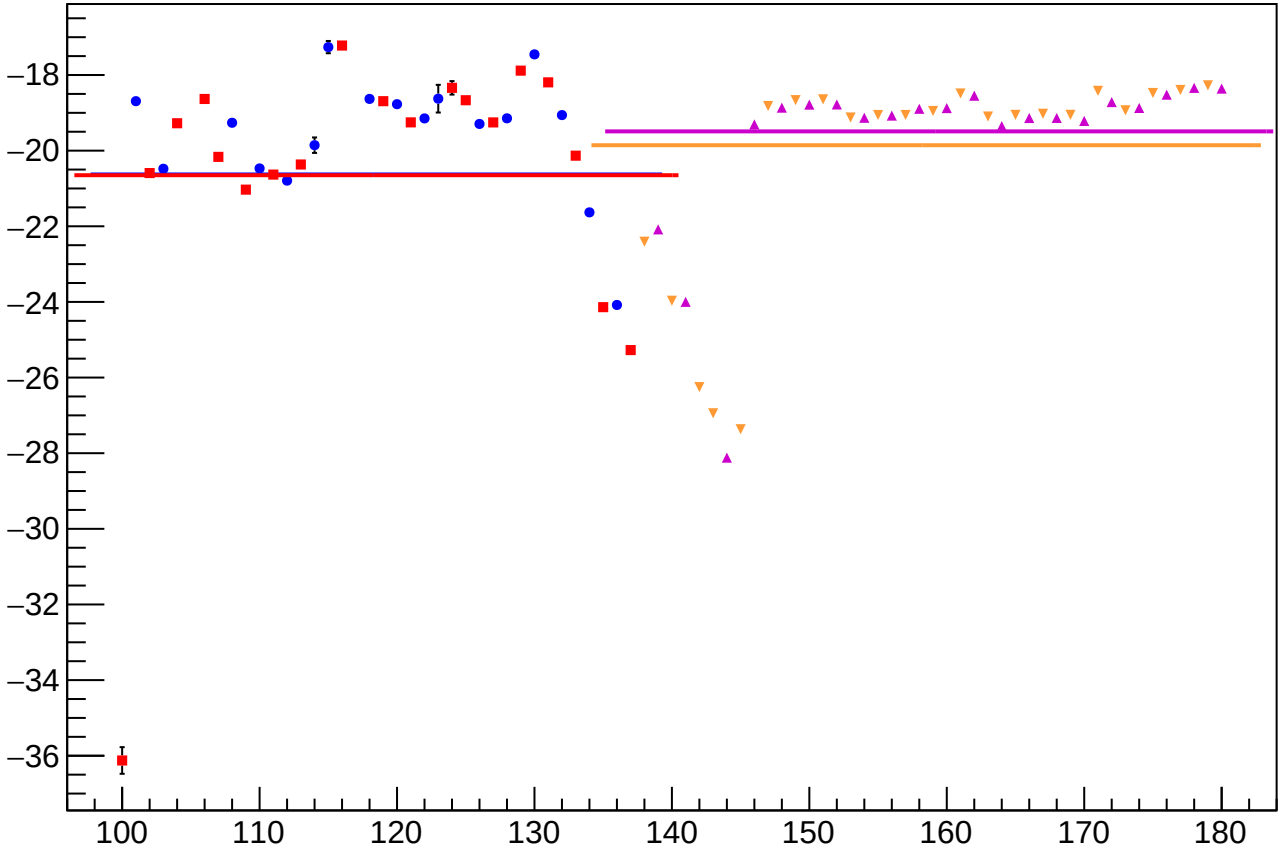
Left In: 9.422+/-0.178 χ^2/NDF:1106.4/20

+ sign 8.317+/-0.160 χ^2/NDF: 1561.1/38

All: 8.331+/-0.114 χ^2/NDF: 3288.0/78

- sign 8.345+/-0.161 χ^2/NDF: 1726.9/39

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -19.856+/-0.008 χ^2/NDF:86933.0/21

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

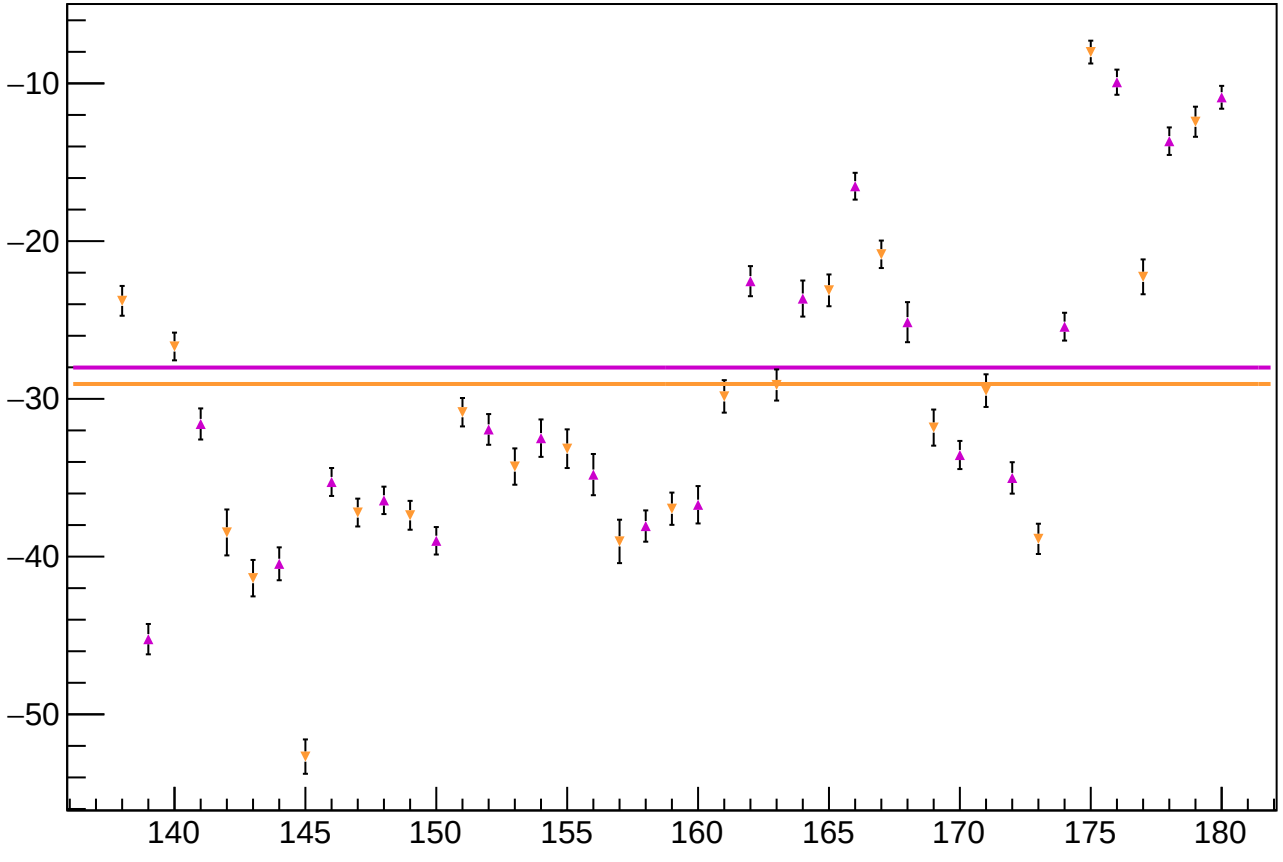
Left In: -19.491+/-0.008 χ^2/NDF:53689.8/20

+ sign -19.982+/-0.008 χ^2/NDF: 100774.7/38

All: -19.822+/-0.005 χ^2/NDF: 172190.3/78

- sign -19.669+/-0.008 χ^2/NDF: 70586.4/39

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -29.056+/-0.213 χ^2/NDF:2401.6/21

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

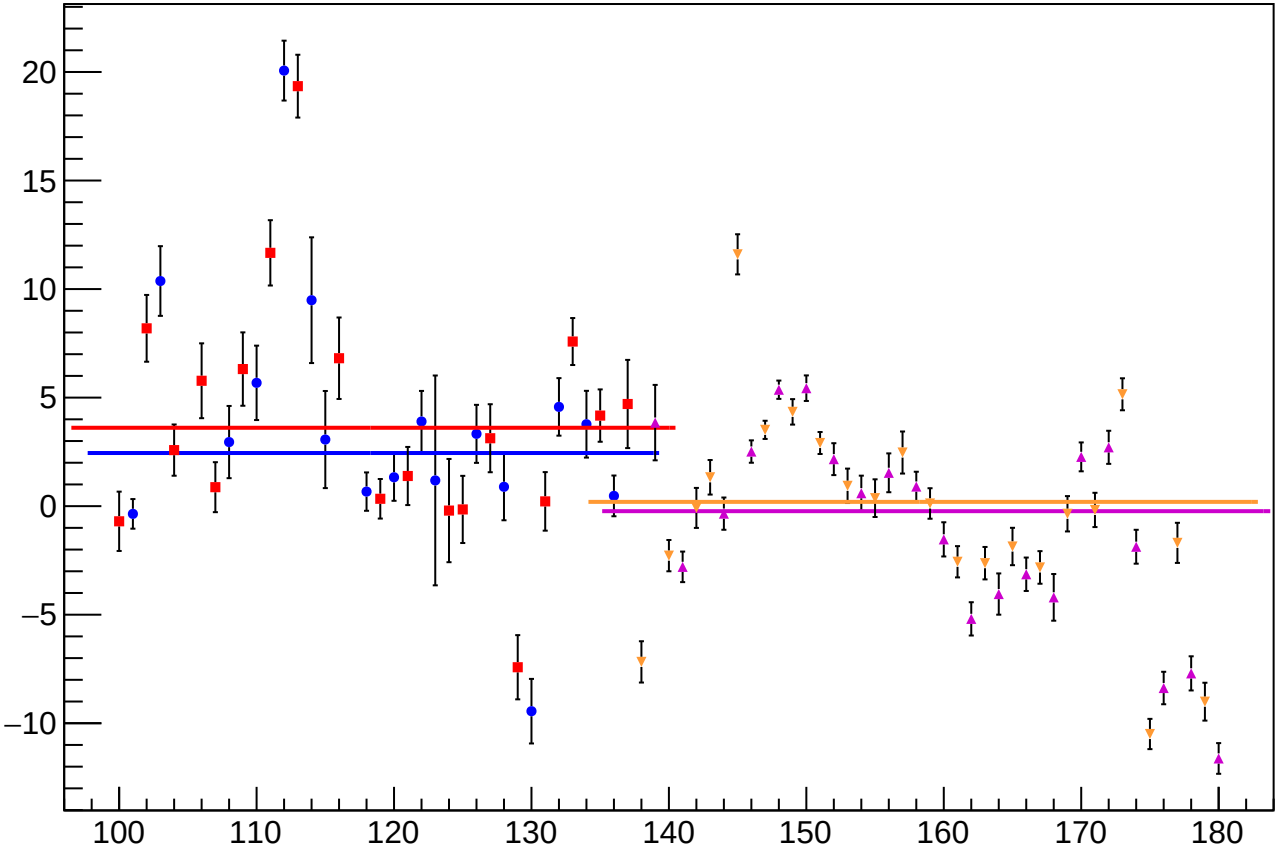
Left In: -28.014+/-0.207 χ^2/NDF:2685.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -28.521+/-0.149 χ^2/NDF: 5098.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: 0.197+/-0.155 χ^2/NDF:821.6/21

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

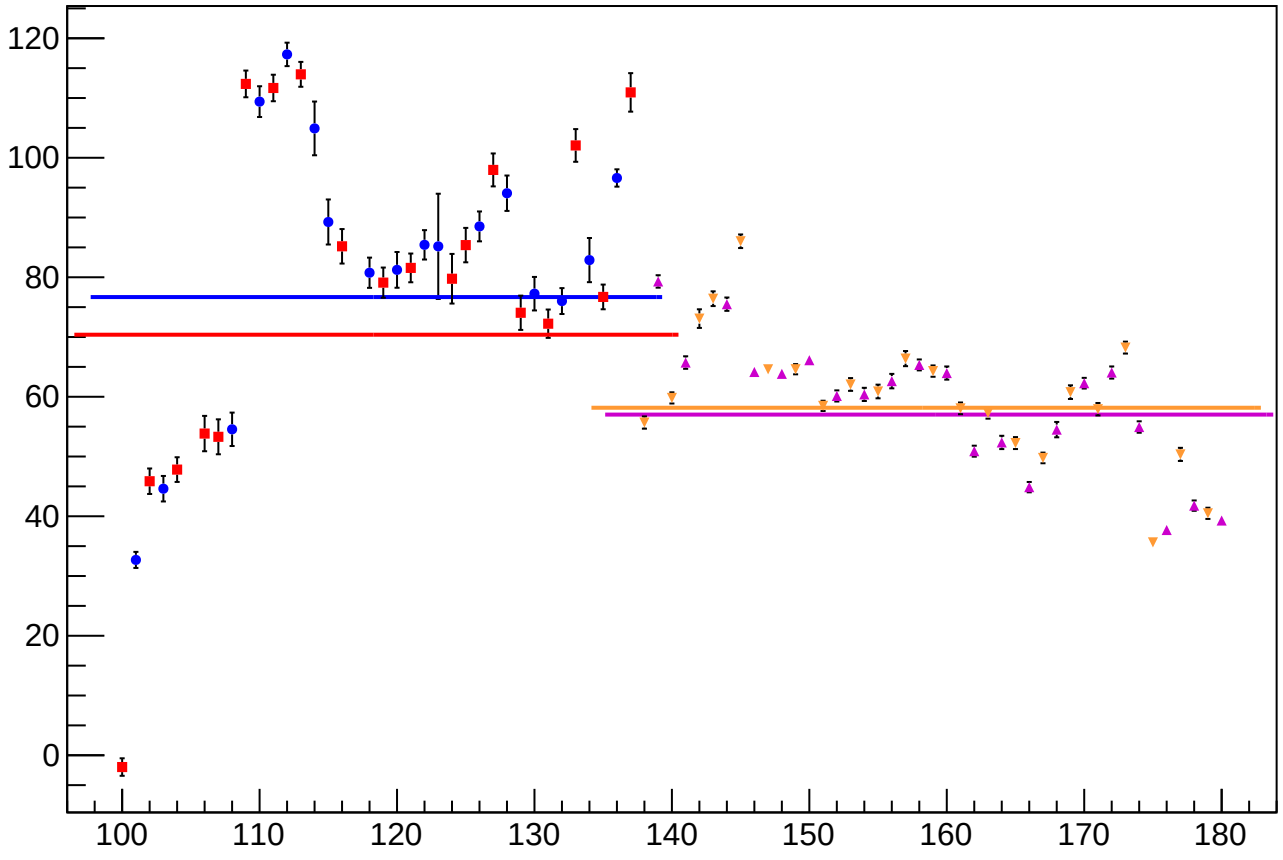
Left In: -0.231+/-0.156 χ^2/NDF:925.0/20

+ sign 0.643+/-0.138 χ^2/NDF: 1156.9/38

All: 0.578+/-0.098 χ^2/NDF: 2479.3/78

- sign 0.512+/-0.140 χ^2/NDF: 1322.0/39

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 58.163+/-0.211 χ^2/NDF:2747.9/21

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

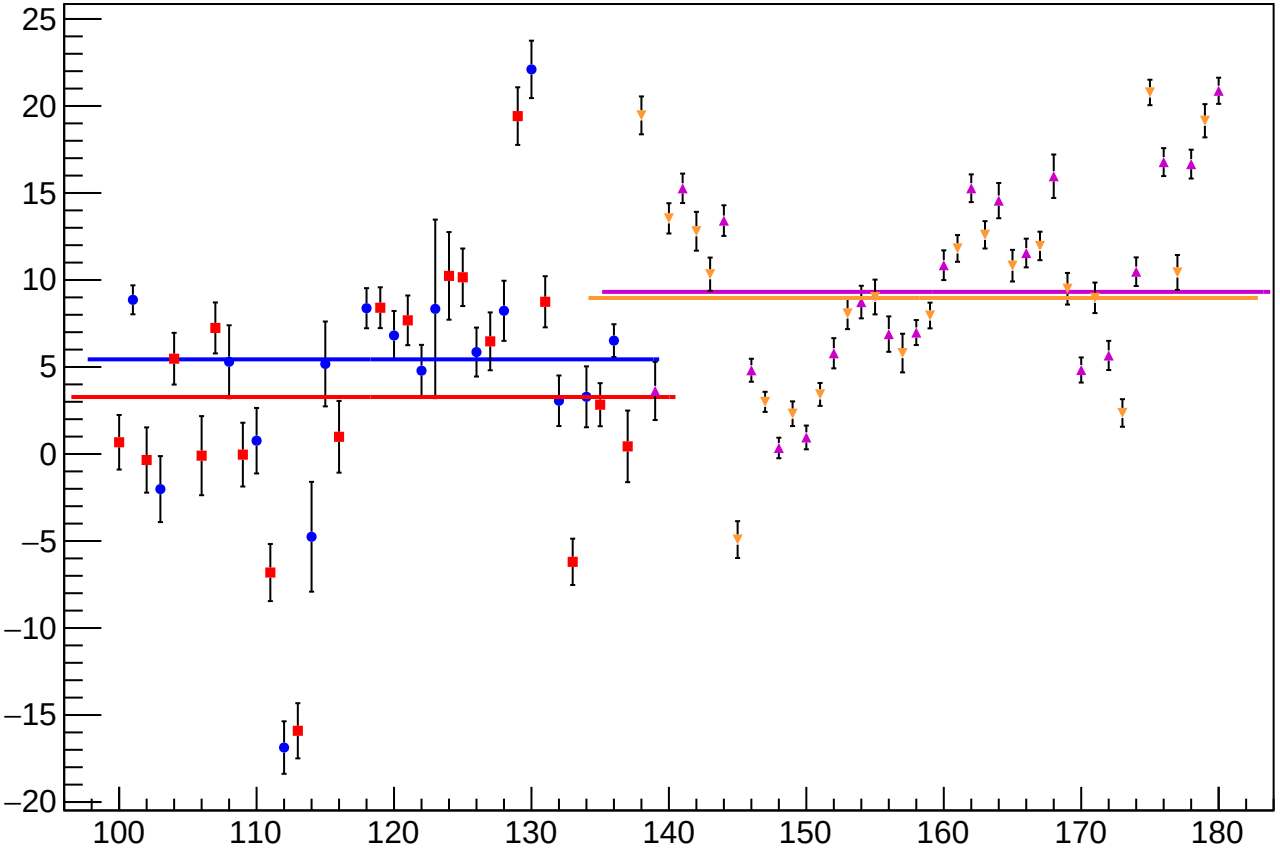
Left In: 57.016+/-0.205 χ^2/NDF:3093.2/20

+ sign 60.372+/-0.198 χ^2/NDF: 5931.5/38

All: 59.483+/-0.138 χ^2/NDF: 13974.2/78

- sign 58.647+/-0.192 χ^2/NDF: 8003.6/39

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 8.965+/-0.179 χ^2/NDF:1082.5/21

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

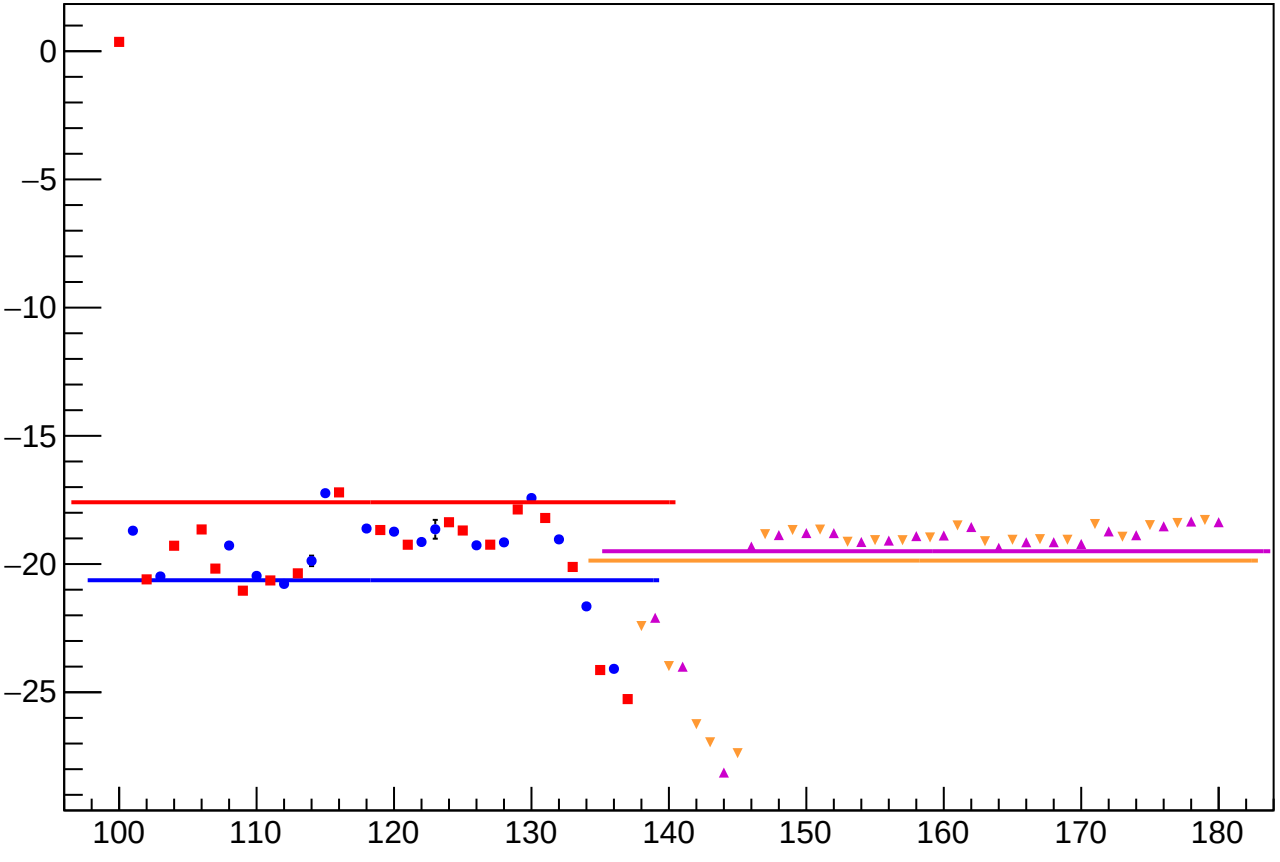
Left In: 9.317+/-0.179 χ^2/NDF:1126.1/20

+ sign 8.259+/-0.160 χ^2/NDF: 1546.3/38

All: 8.205+/-0.113 χ^2/NDF: 3319.2/78

- sign 8.152+/-0.160 χ^2/NDF: 1772.7/39

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -19.865+/-0.008 χ^2/NDF:86791.6/21

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

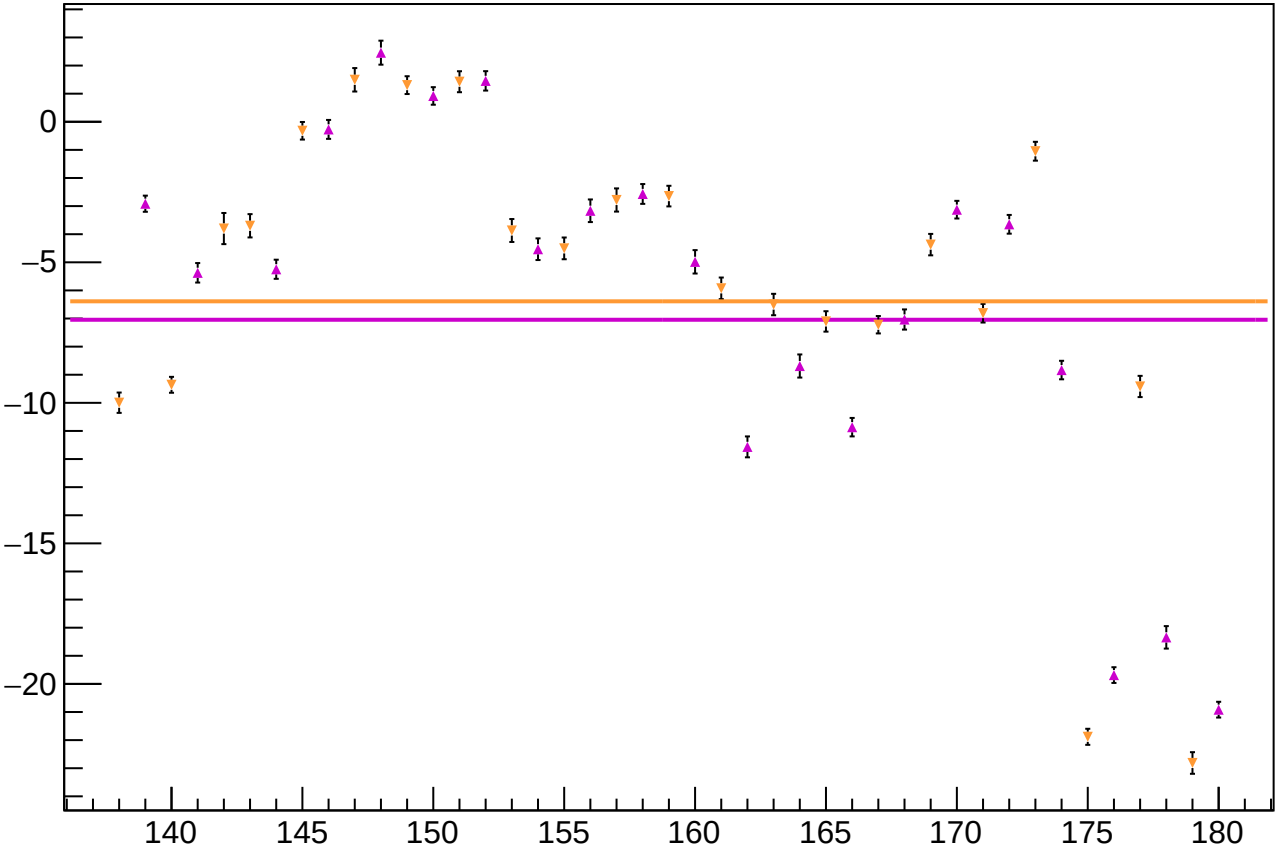
Left In: -19.500+/-0.008 χ^2/NDF:53645.2/20

+ sign -19.989+/-0.008 χ^2/NDF: 100645.3/38

All: -19.566+/-0.005 χ^2/NDF: 348033.8/78

- sign -19.167+/-0.008 χ^2/NDF: 241602.8/39

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -6.388+/-0.076 χ^2/NDF:7399.8/21

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

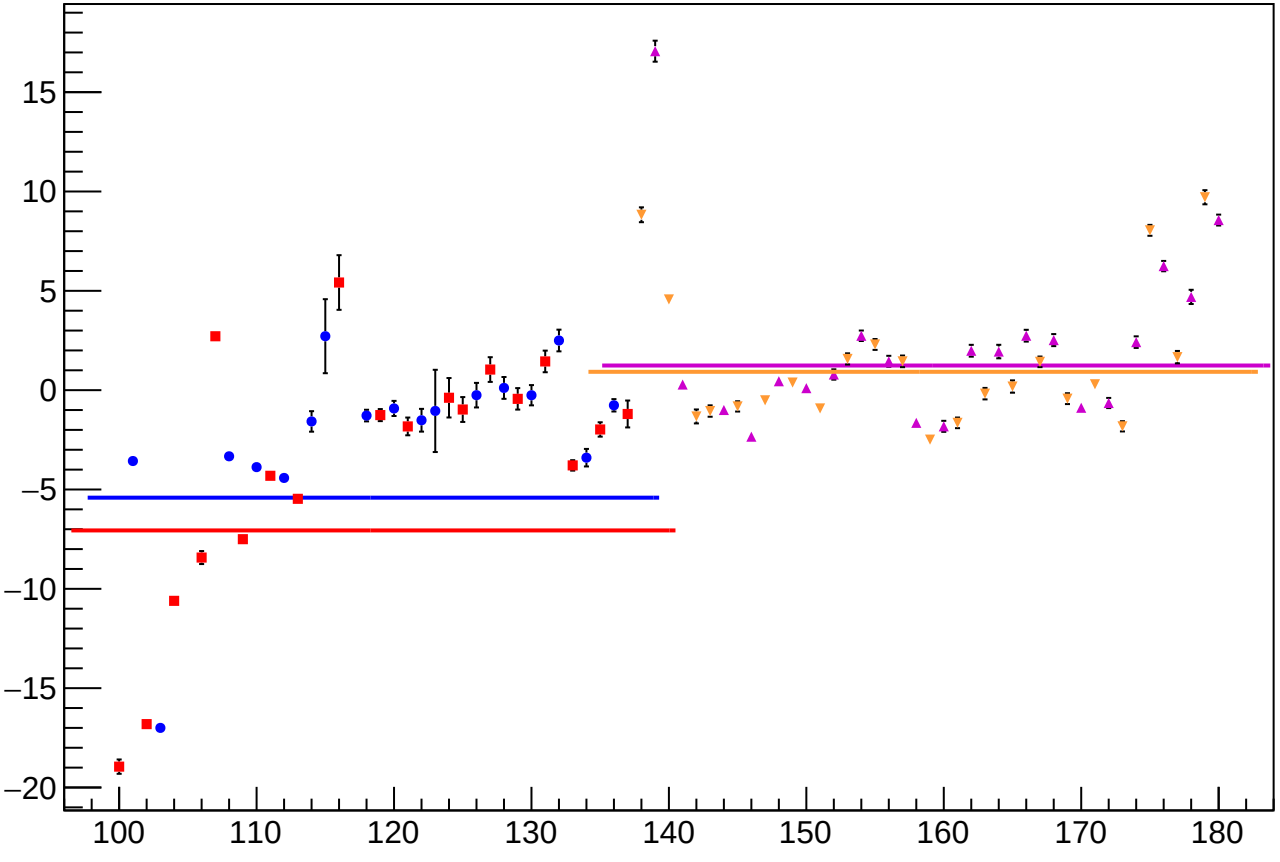
Left In: -7.044+/-0.075 χ^2/NDF:8615.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.724+/-0.053 χ^2/NDF: 16052.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411+/-0.055 χ^2/NDF: 9261.2/16

Left Out: 0.924+/-0.057 χ^2/NDF:2708.3/21

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

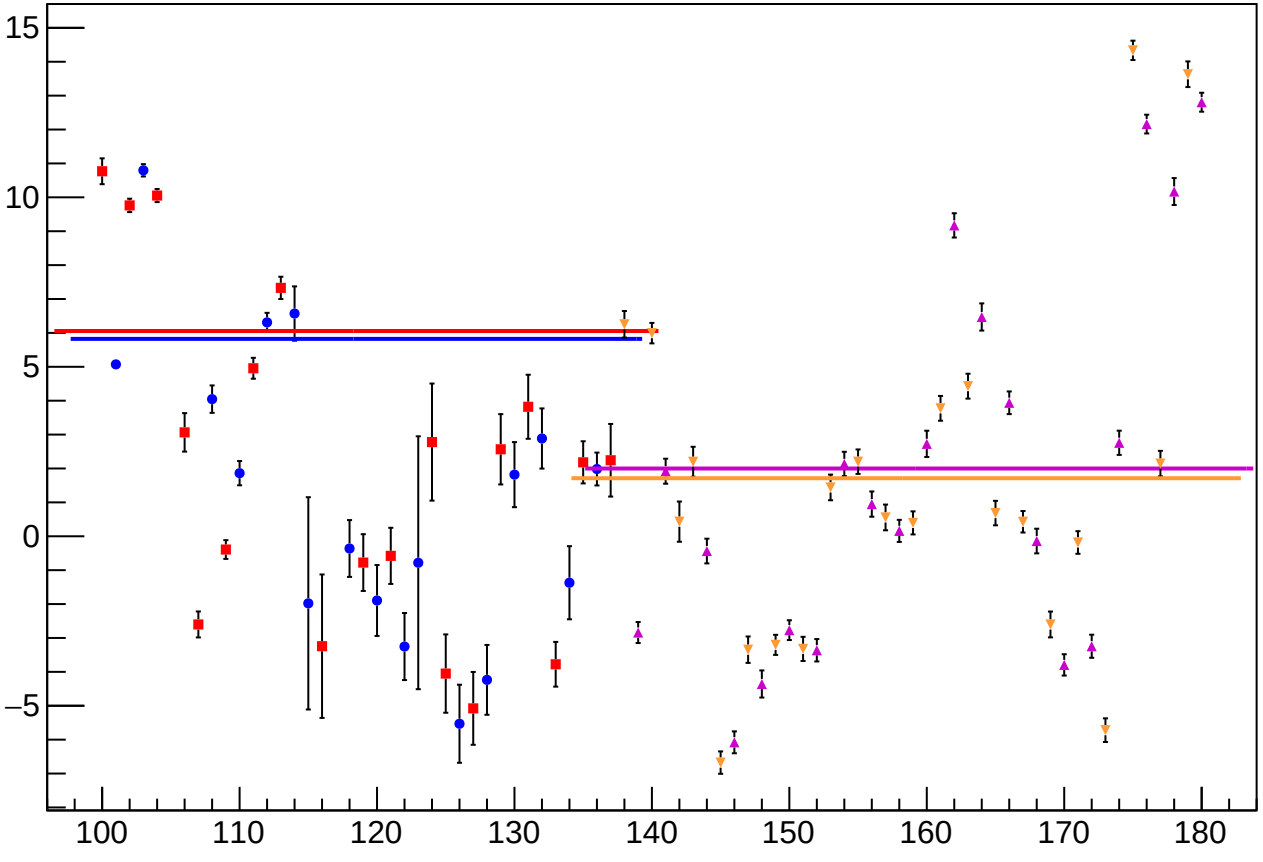
Left In: 1.241+/-0.058 χ^2/NDF:2997.6/20

+ sign -2.369+/-0.039 χ^2/NDF: 18401.0/38

All: -2.588+/-0.029 χ^2/NDF: 43870.8/78

- sign -2.828+/-0.041 χ^2/NDF: 25405.4/39

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 1.713+/-0.076 χ^2/NDF:5326.6/21

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

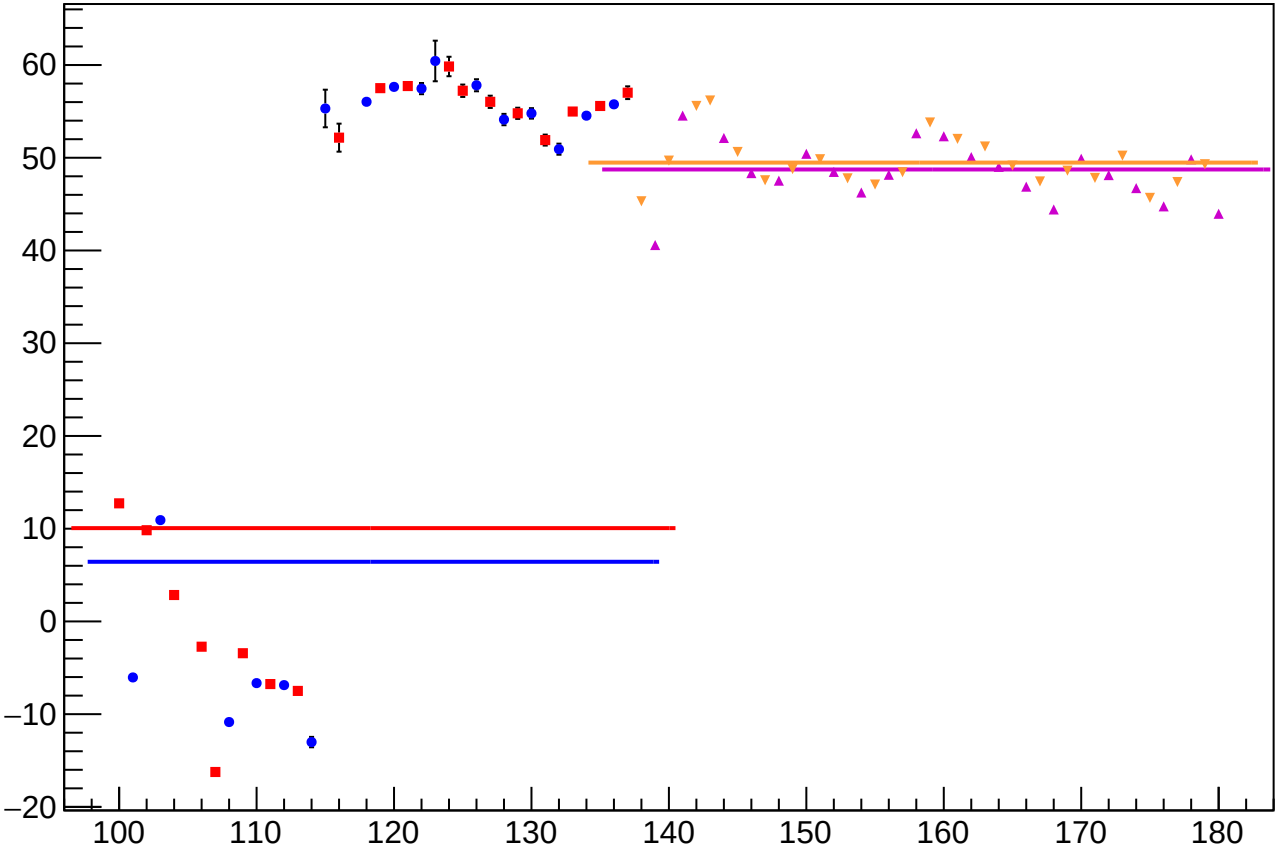
Left In: 1.999+/-0.074 χ^2/NDF:6186.3/20

+ sign 3.430+/-0.058 χ^2/NDF: 8005.3/38

All: 3.498+/-0.041 χ^2/NDF: 18023.3/78

- sign 3.566+/-0.058 χ^2/NDF: 10015.2/39

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 49.478+/-0.065 χ^2/NDF:1539.6/21

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

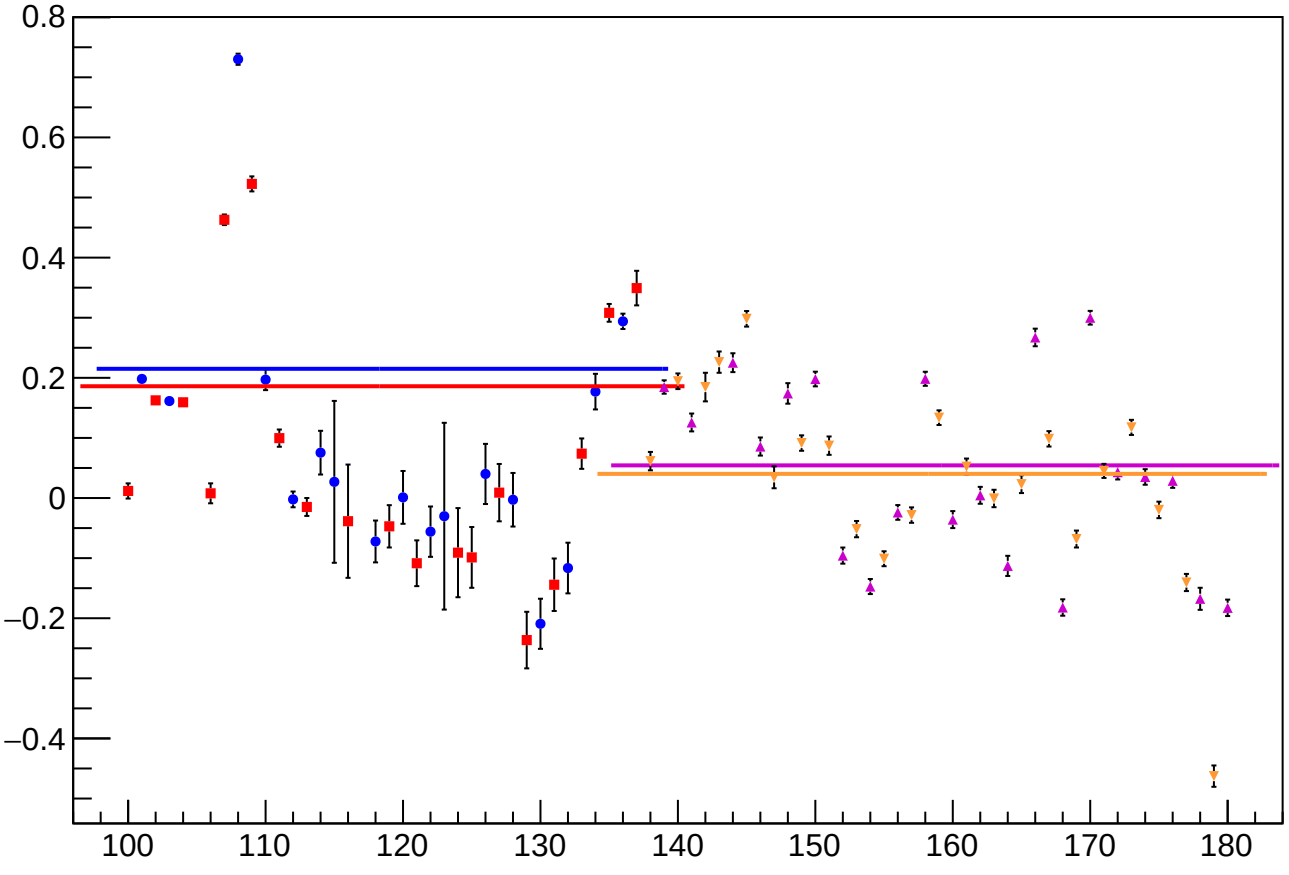
Left In: 48.735+/-0.065 χ^2/NDF:2033.8/20

+ sign 27.833+/-0.046 χ^2/NDF: 345093.2/38

All: 29.178+/-0.033 χ^2/NDF: 634312.3/78

- sign 30.632+/-0.048 χ^2/NDF: 287430.5/39

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.040+/-0.003 χ^2/NDF:2083.2/21

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

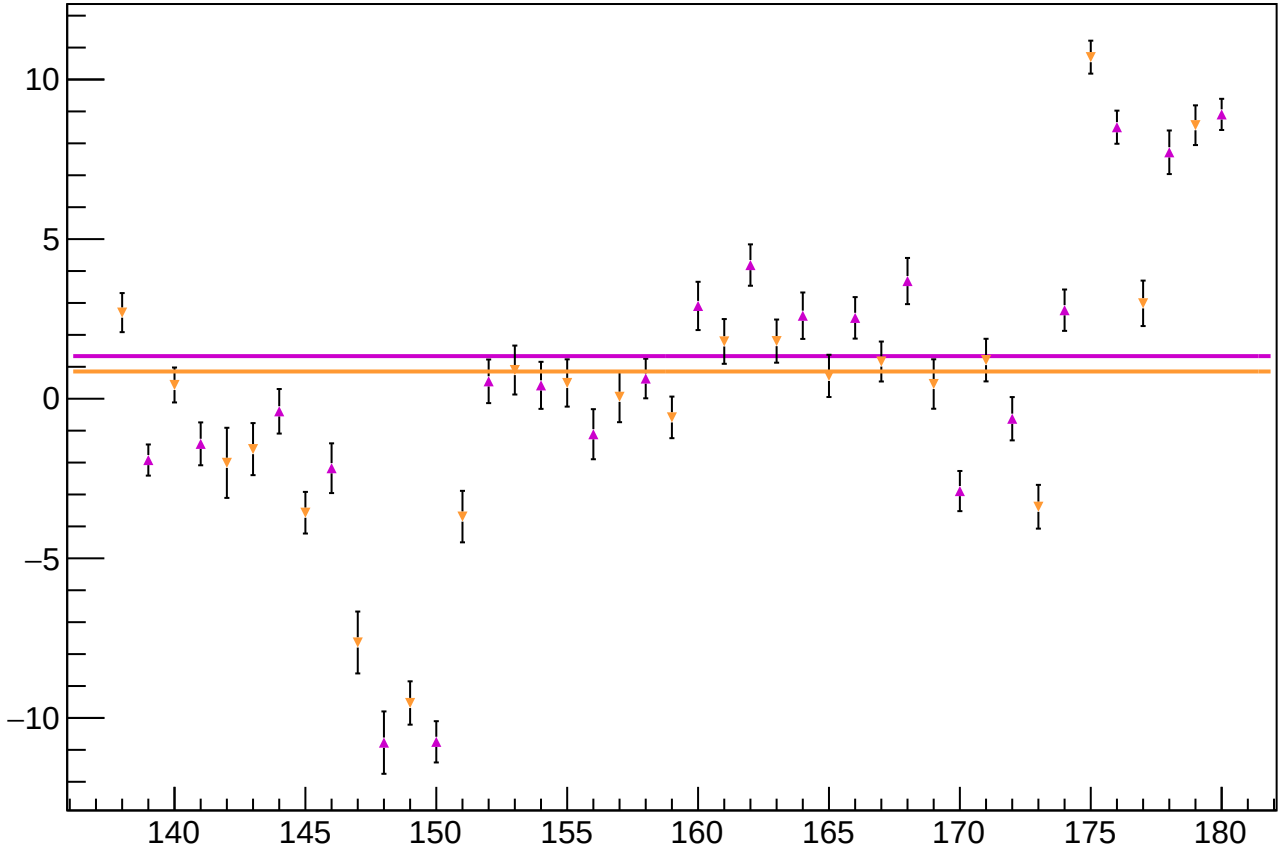
Left In: 0.054+/-0.003 χ^2/NDF:2625.4/20

+ sign 0.134+/-0.002 χ^2/NDF: 7855.7/38

All: 0.130+/-0.001 χ^2/NDF: 14308.1/78

- sign 0.126+/-0.002 χ^2/NDF: 6443.4/39

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: 0.853+/-0.147 χ^2/NDF:989.3/21

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

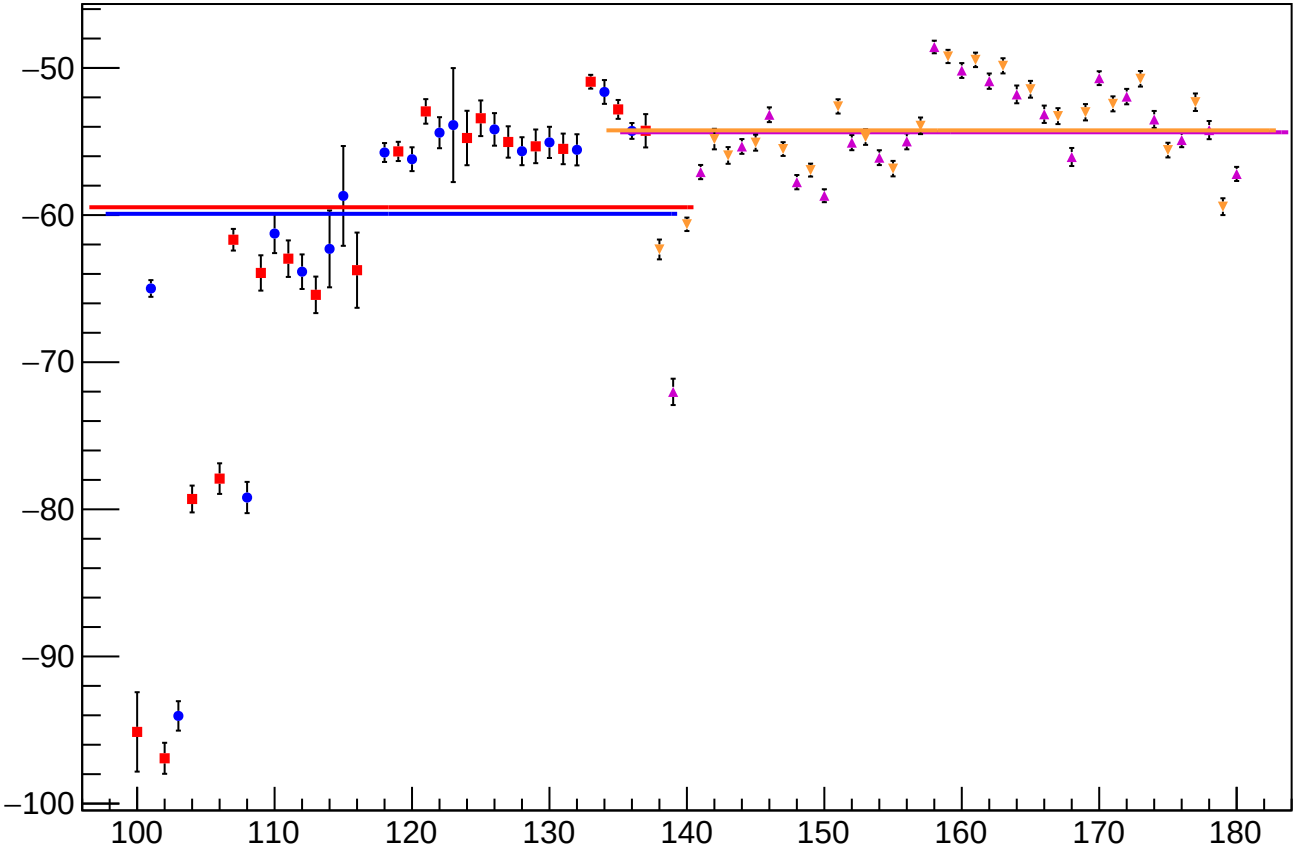
Left In: 1.335+/-0.143 χ^2/NDF:1222.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.101+/-0.102 χ^2/NDF: 2217.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914+/-0.223 χ^2/NDF: 1979.5/16

Left Out: -54.242+/-0.112 χ^2/NDF:913.9/21

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

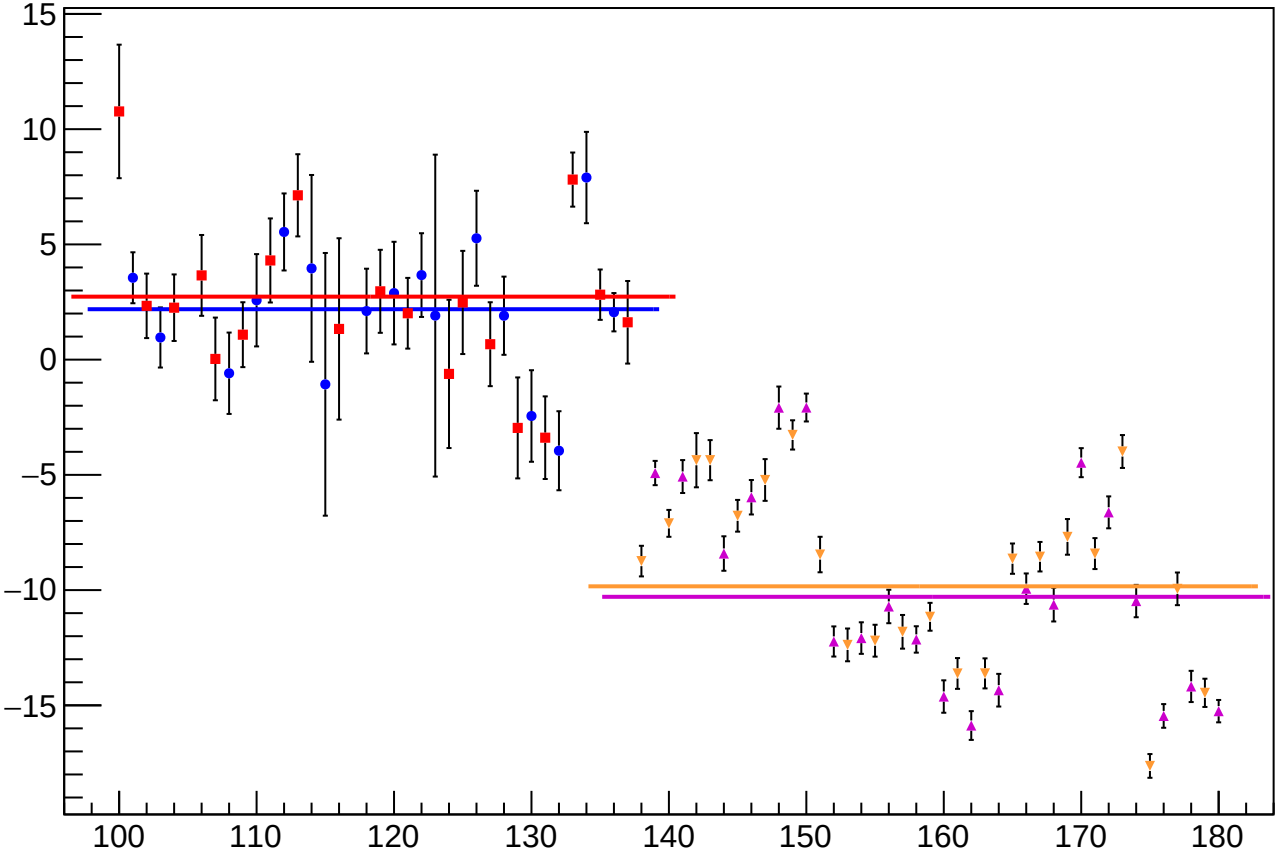
Left In: -54.373+/-0.114 χ^2/NDF:1035.8/20

+ sign -55.384+/-0.100 χ^2/NDF: 3410.1/38

All: -55.446+/-0.071 χ^2/NDF: 7808.0/78

- sign -55.508+/-0.100 χ^2/NDF: 4397.1/39

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -9.836+/-0.146 χ^2/NDF:716.4/21

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

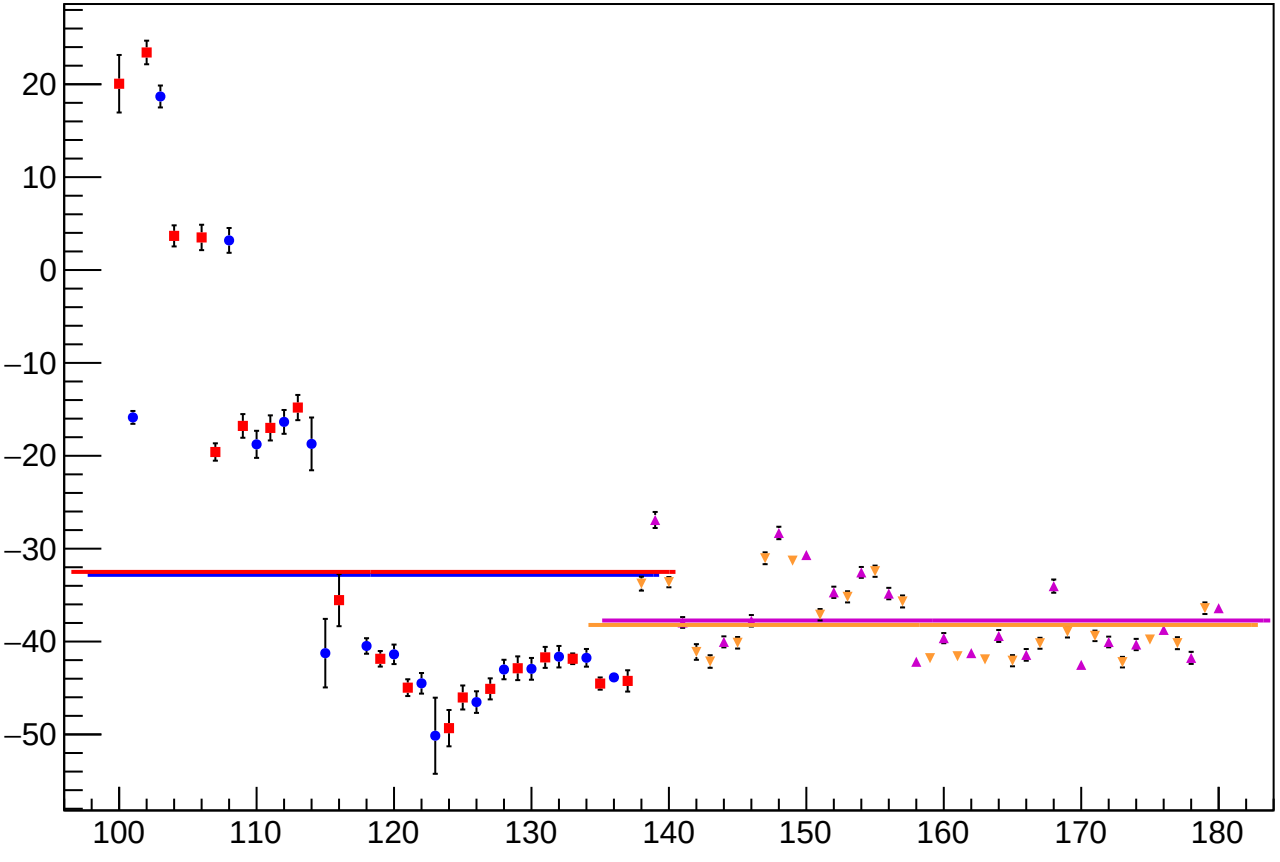
Left In: -10.291+/-0.141 χ^2/NDF:991.3/20

+ sign -8.451+/-0.137 χ^2/NDF: 1538.9/38

All: -8.612+/-0.095 χ^2/NDF: 3588.2/78

- sign -8.763+/-0.133 χ^2/NDF: 2046.6/39

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -38.213+/-0.127 χ^2/NDF:873.5/21

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

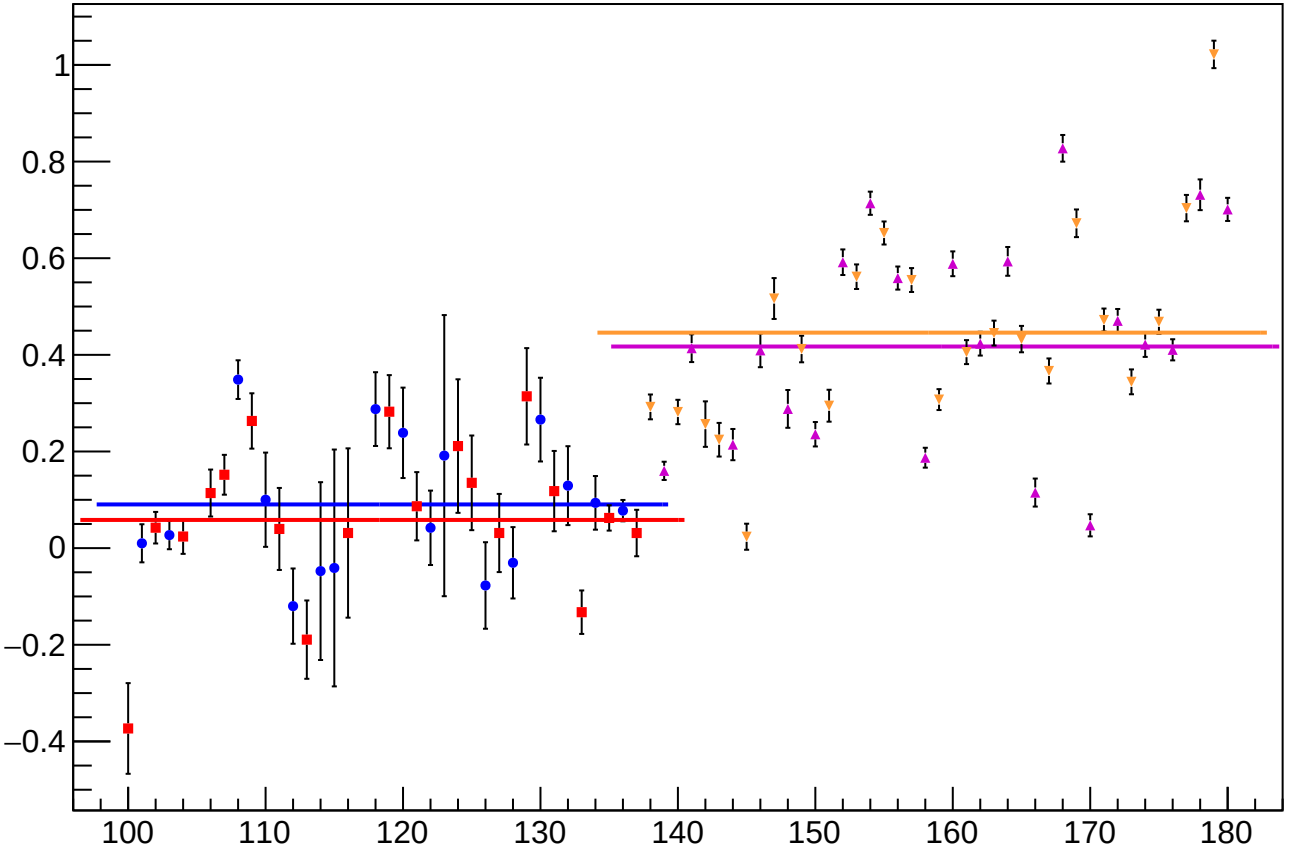
Left In: -37.733+/-0.127 χ^2/NDF:1077.5/20

+ sign -37.139+/-0.113 χ^2/NDF: 5901.7/38

All: -36.878+/-0.080 χ^2/NDF: 13389.7/78

- sign -36.620+/-0.113 χ^2/NDF: 7477.4/39

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.446+/-0.006 χ^2/NDF:1153.2/21

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

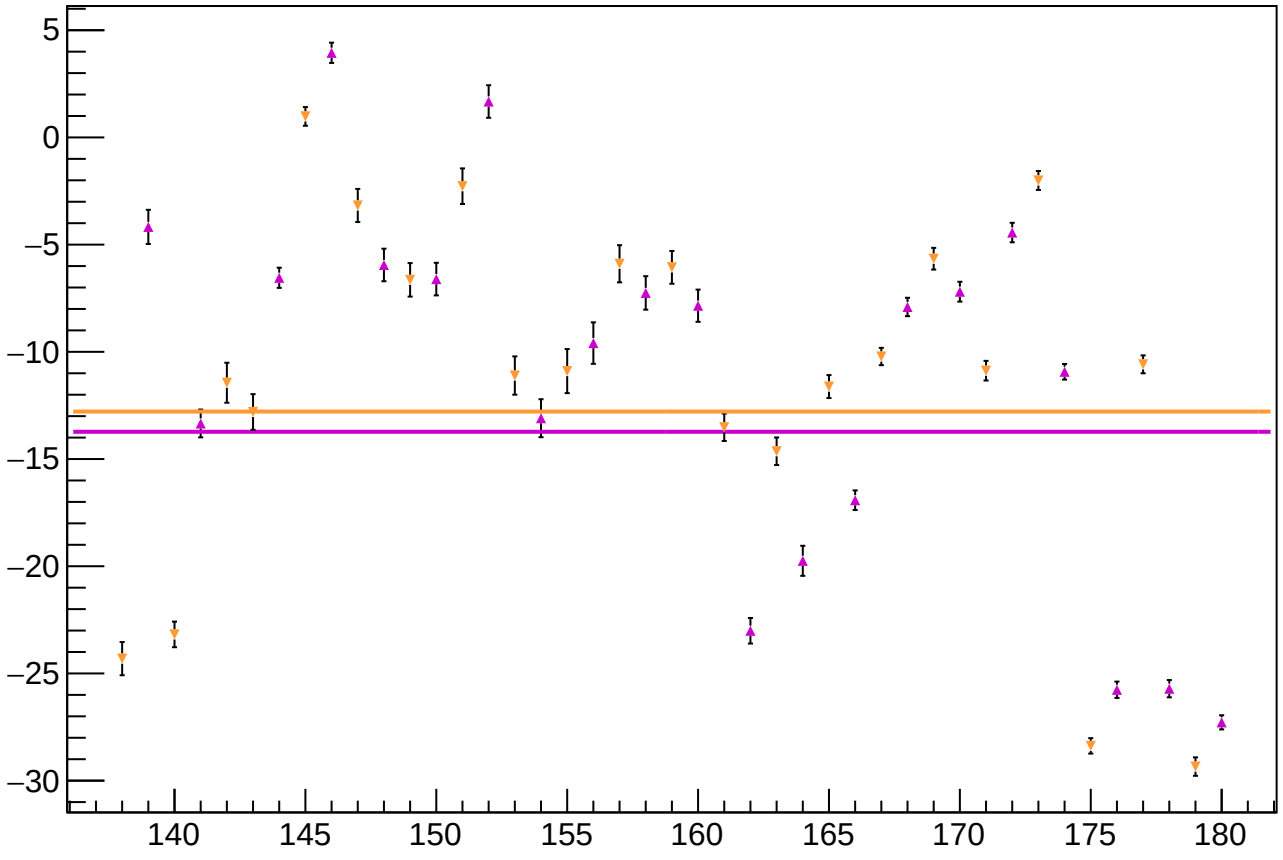
Left In: 0.417+/-0.006 χ^2/NDF:1557.1/20

+ sign 0.386+/-0.005 χ^2/NDF: 1881.4/38

All: 0.370+/-0.004 χ^2/NDF: 4264.8/78

- sign 0.355+/-0.005 χ^2/NDF: 2365.2/39

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -12.785+/-0.120 χ^2/NDF:6298.0/21

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

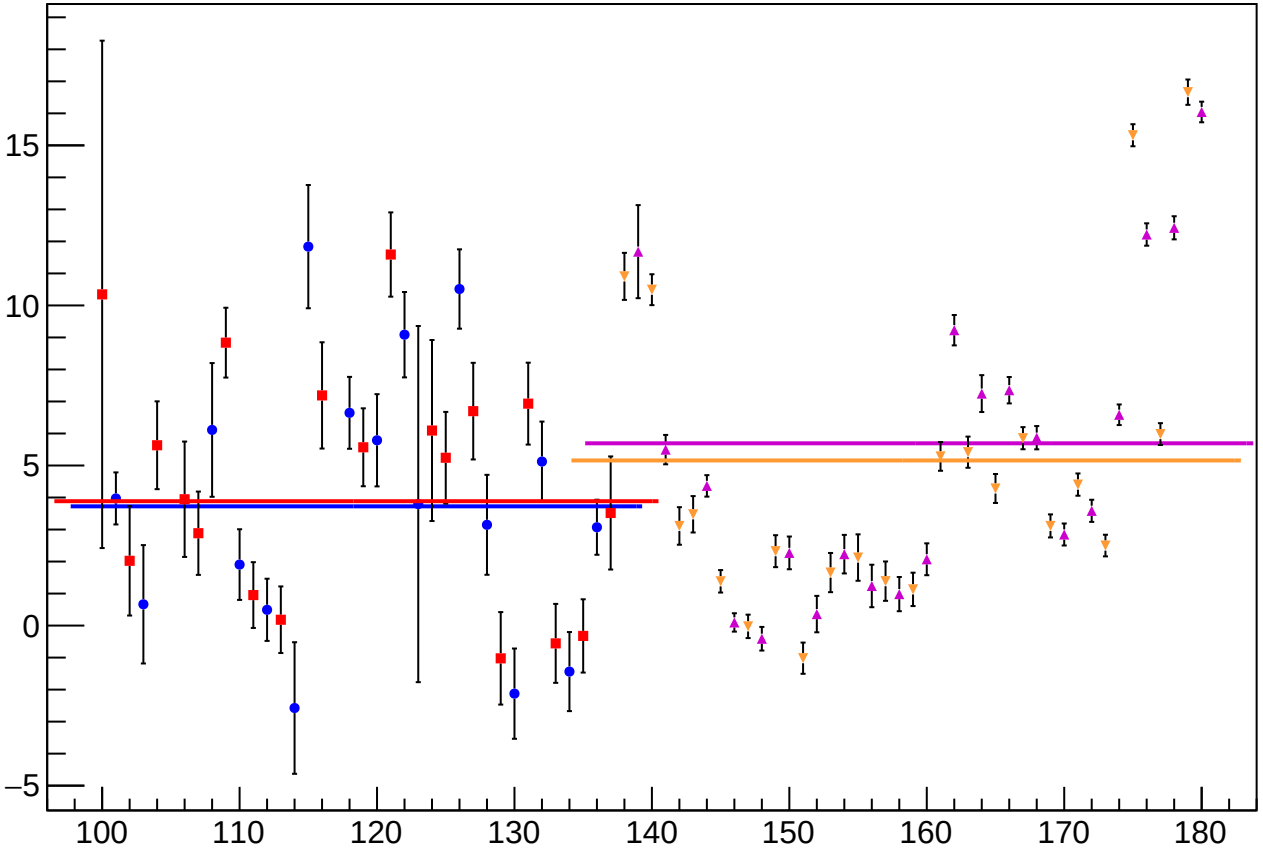
Left In: -13.729+/-0.113 χ^2/NDF:7315.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.285+/-0.082 χ^2/NDF: 13646.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725+/-0.308 χ^2/NDF: 136.8/16

Left Out: 5.158+/-0.092 χ^2/NDF:2688.6/21

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

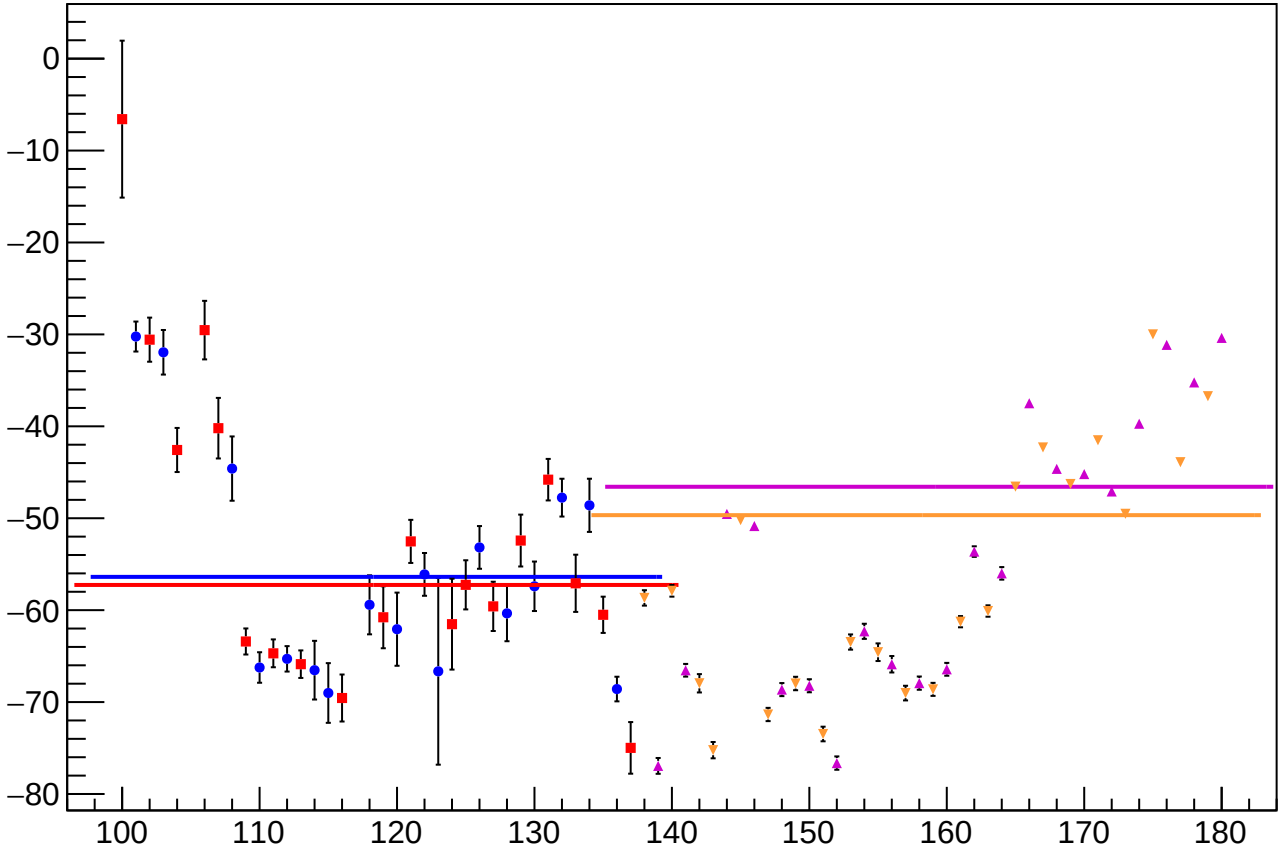
Left In: 5.694+/-0.089 χ^2/NDF:2949.4/20

+ sign 5.040+/-0.088 χ^2/NDF: 2845.2/38

All: 5.308+/-0.062 χ^2/NDF: 5977.2/78

- sign 5.561+/-0.086 χ^2/NDF: 3114.1/39

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -49.665+/-0.120 χ^2/NDF:11134.9/21

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

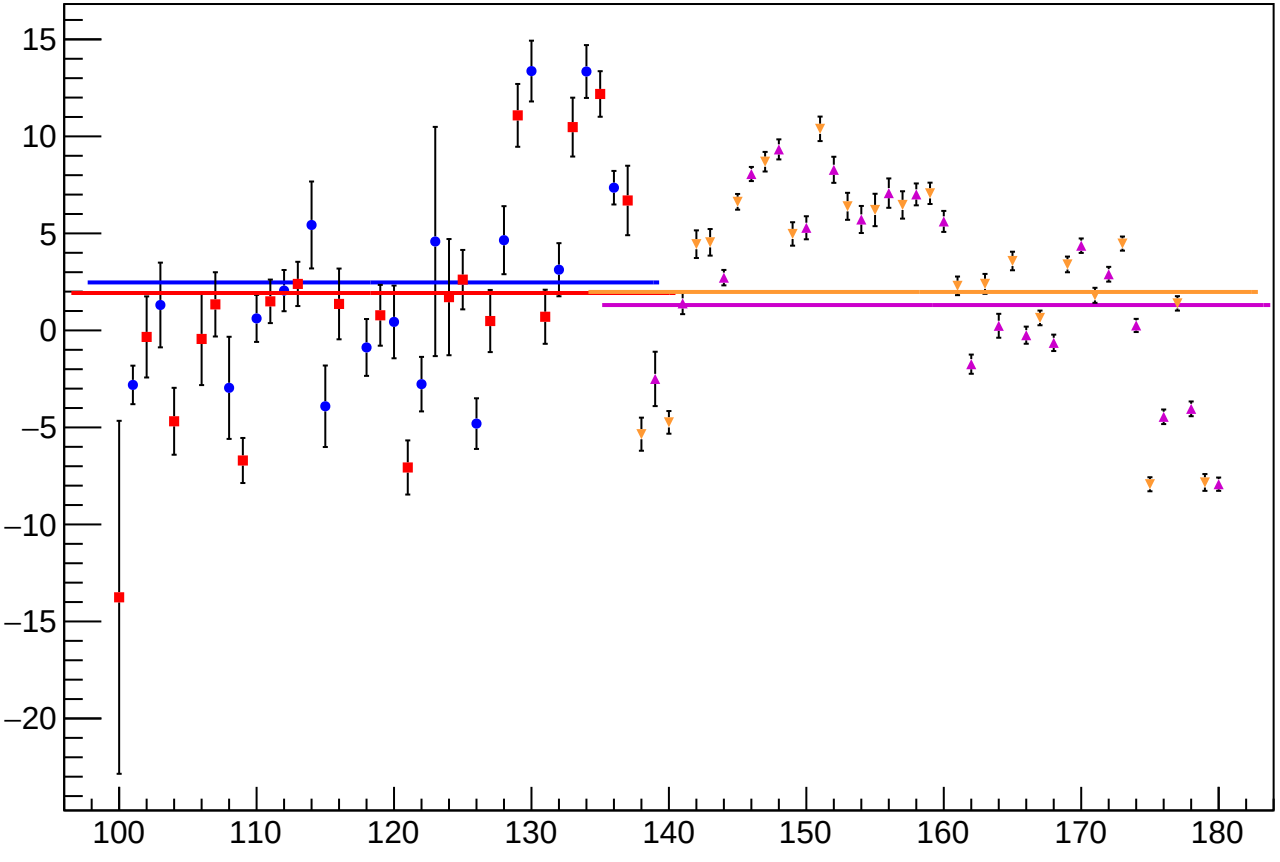
Left In: -46.576+/-0.113 χ^2/NDF:14273.0/20

+ sign -49.979+/-0.117 χ^2/NDF: 11868.6/38

All: -48.422+/-0.081 χ^2/NDF: 27331.7/78

- sign -47.033+/-0.111 χ^2/NDF: 15129.5/39

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 1.982+/-0.104 χ^2/NDF:2283.9/21

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

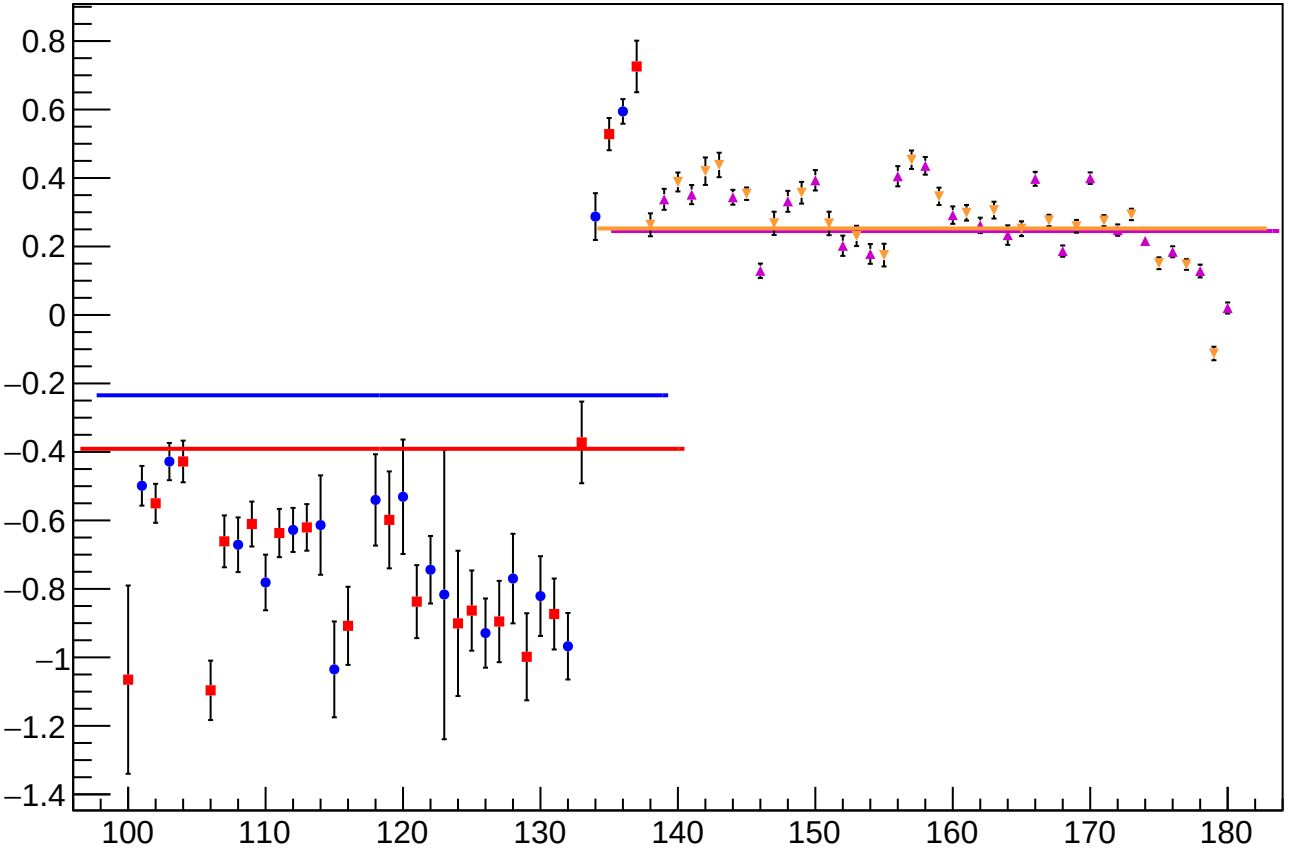
Left In: 1.307+/-0.100 χ^2/NDF:2346.9/20

+ sign 2.023+/-0.100 χ^2/NDF: 2529.3/38

All: 1.678+/-0.069 χ^2/NDF: 5169.0/78

- sign 1.353+/-0.096 χ^2/NDF: 2616.4/39

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.253+/-0.005 χ^2/NDF:626.5/21

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

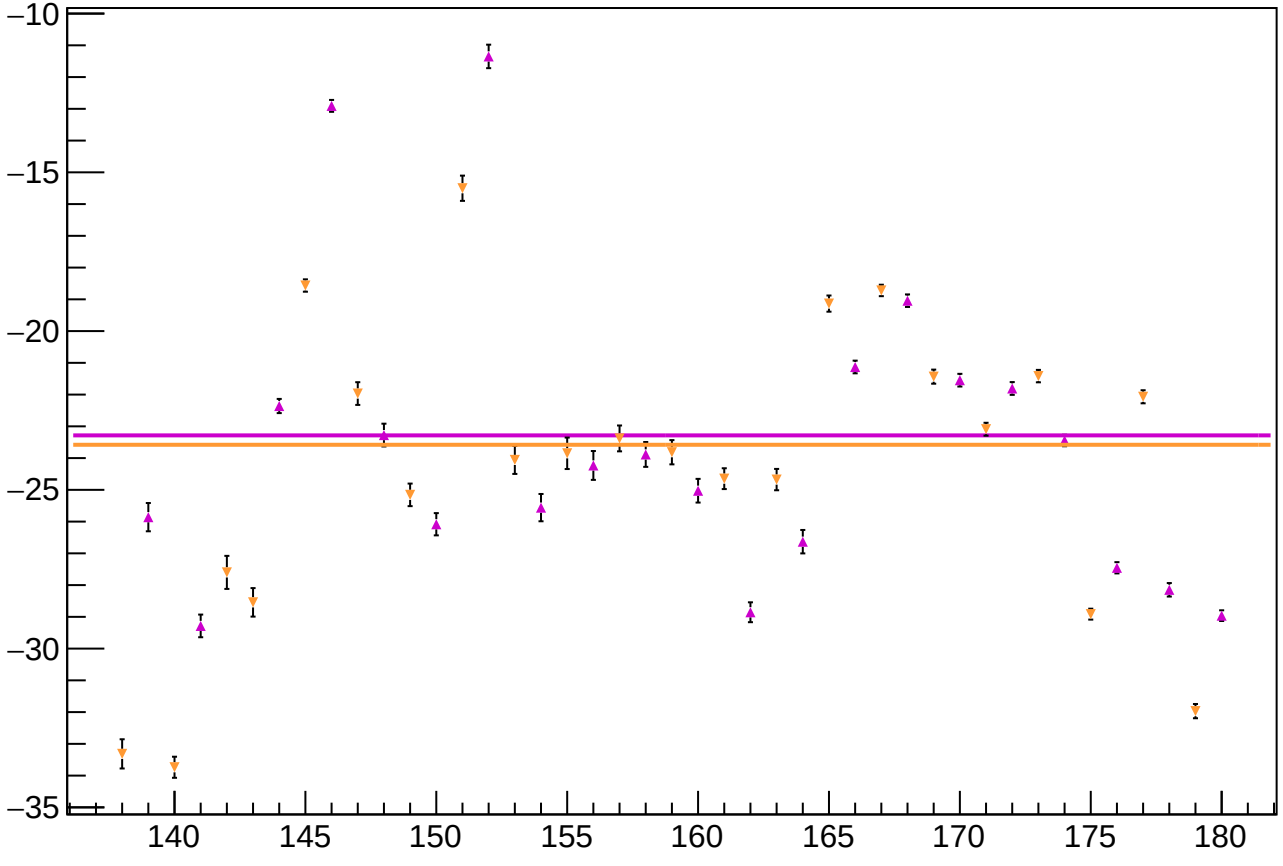
Left In: 0.245+/-0.005 χ^2/NDF:604.4/20

+ sign 0.223+/-0.005 χ^2/NDF: 2211.4/38

All: 0.216+/-0.003 χ^2/NDF: 4736.4/78

- sign 0.210+/-0.004 χ^2/NDF: 2520.6/39

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -23.581+/-0.057 χ^2/NDF:6375.4/21

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

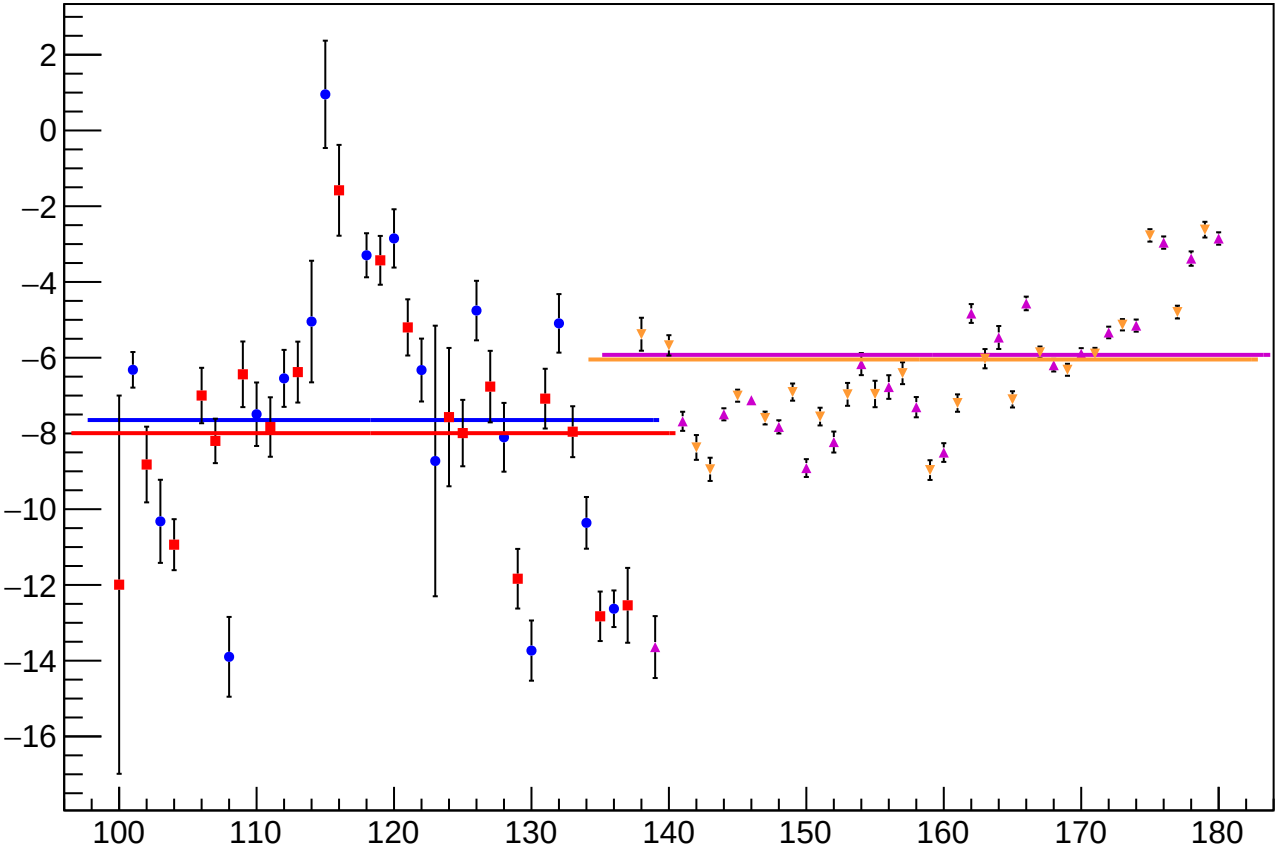
Left In: -23.285+/-0.054 χ^2/NDF:7887.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.423+/-0.039 χ^2/NDF: 14277.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646+/-0.186 χ^2/NDF: 393.6/16

Left Out: -6.047+/-0.044 χ^2/NDF:1280.2/21

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

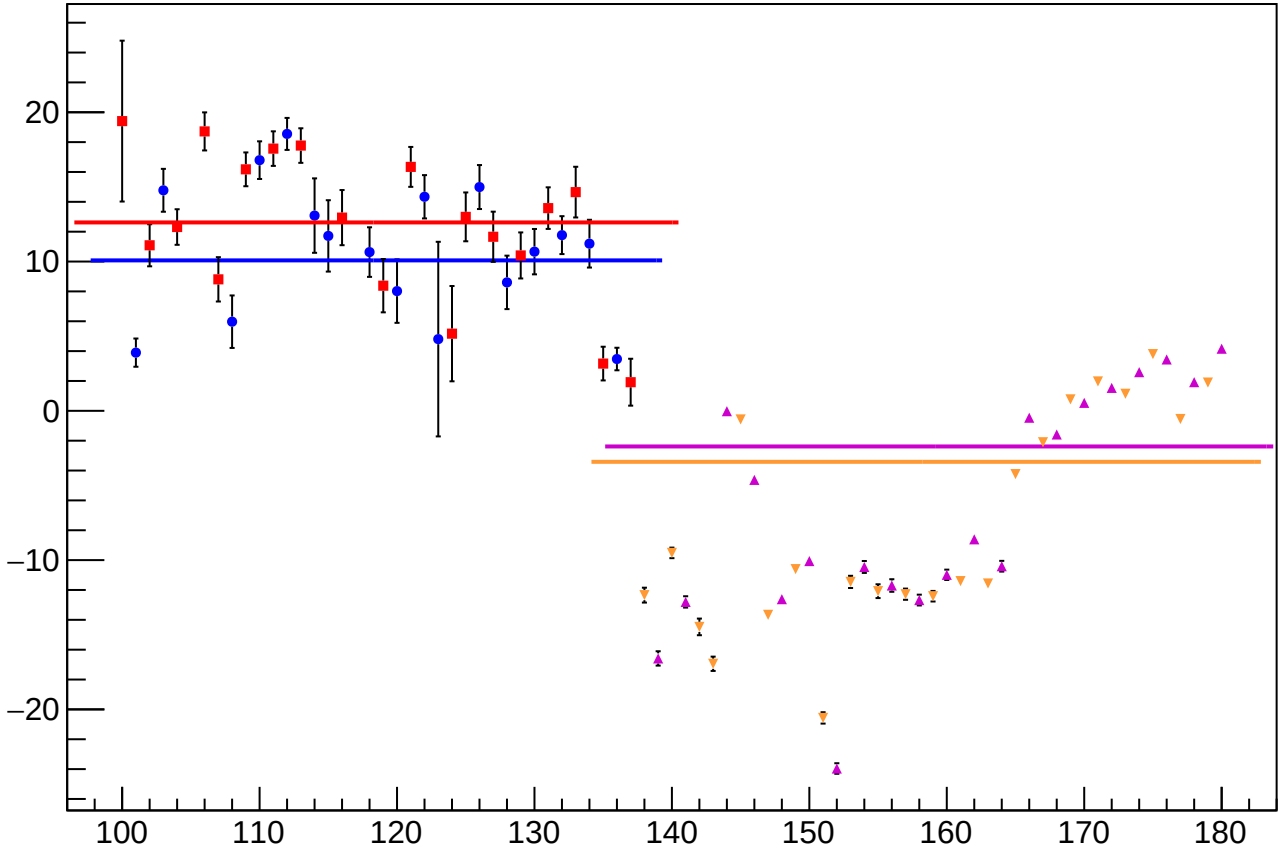
Left In: -5.925+/-0.042 χ^2/NDF:1813.5/20

+ sign -6.132+/-0.043 χ^2/NDF: 1744.1/38

All: -6.076+/-0.030 χ^2/NDF: 3904.0/78

- sign -6.025+/-0.041 χ^2/NDF: 2156.7/39

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -3.416+/-0.057 χ^2/NDF:12810.9/21

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

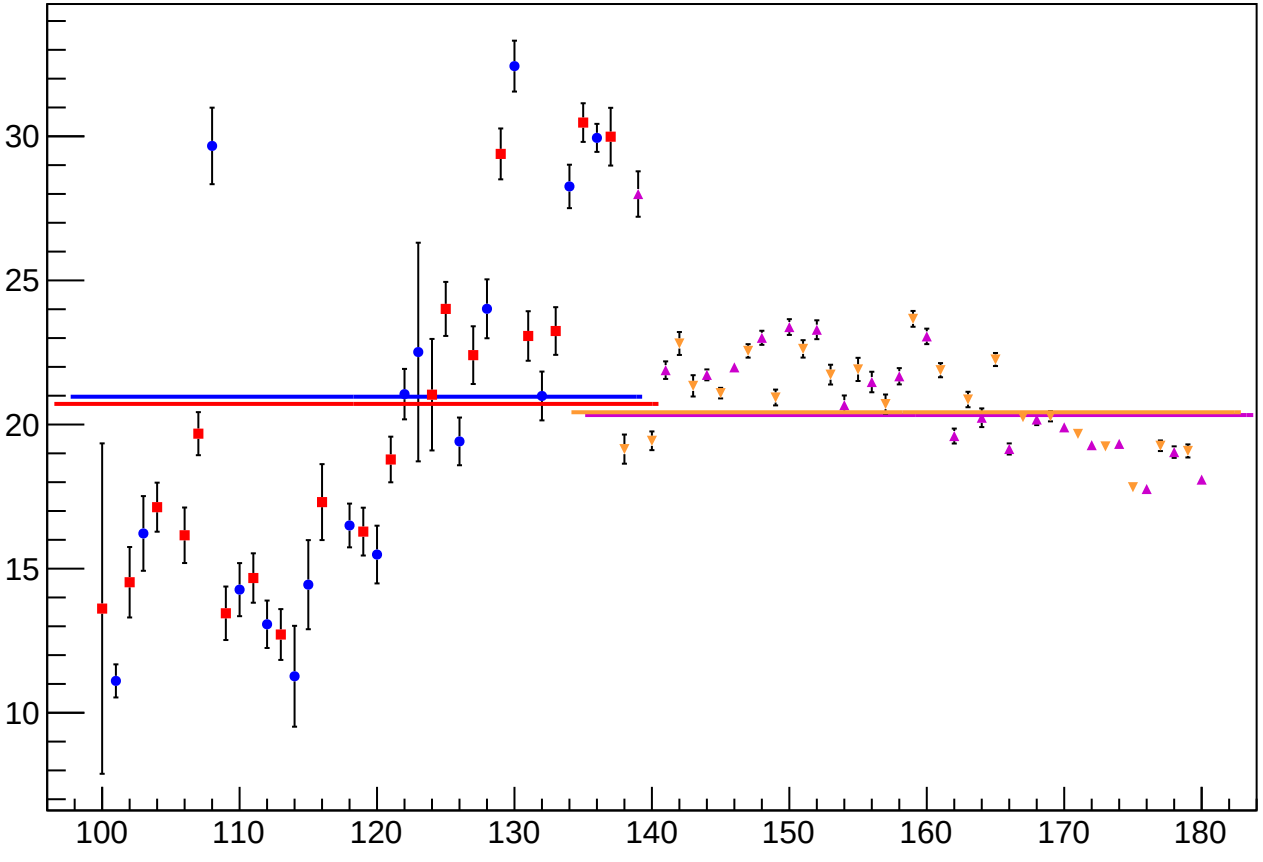
Left In: -2.386+/-0.054 χ^2/NDF:14685.6/20

+ sign -3.037+/-0.056 χ^2/NDF: 14623.8/38

All: -2.488+/-0.039 χ^2/NDF: 31692.7/78

- sign -2.004+/-0.053 χ^2/NDF: 16891.3/39

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 20.426+/-0.050 χ^2/NDF:857.2/21

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

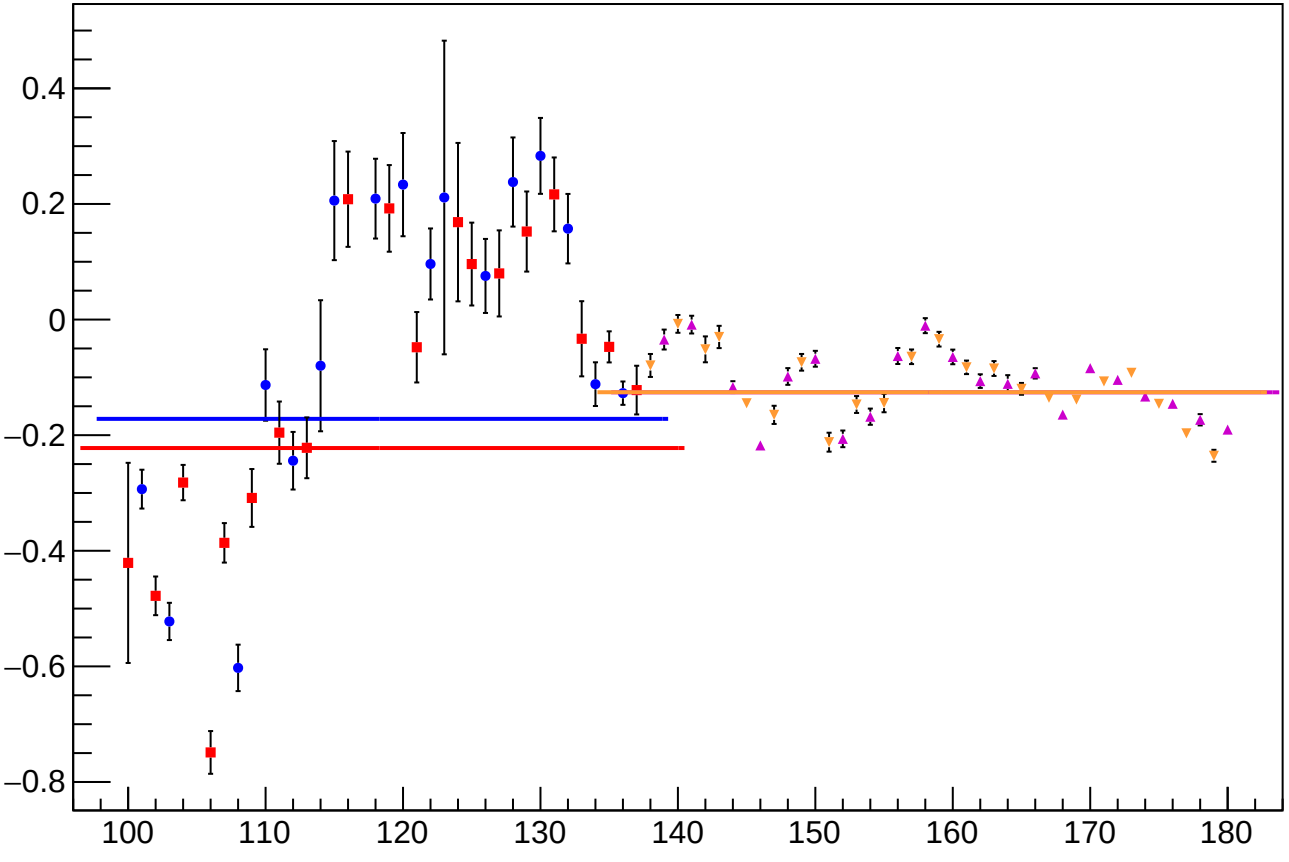
Left In: 20.329+/-0.047 χ^2/NDF:1313.0/20

+ sign 20.455+/-0.048 χ^2/NDF: 2088.9/38

All: 20.398+/-0.033 χ^2/NDF: 4137.6/78

- sign 20.347+/-0.046 χ^2/NDF: 2046.1/39

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.126+/-0.002 χ^2/NDF:490.6/21

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

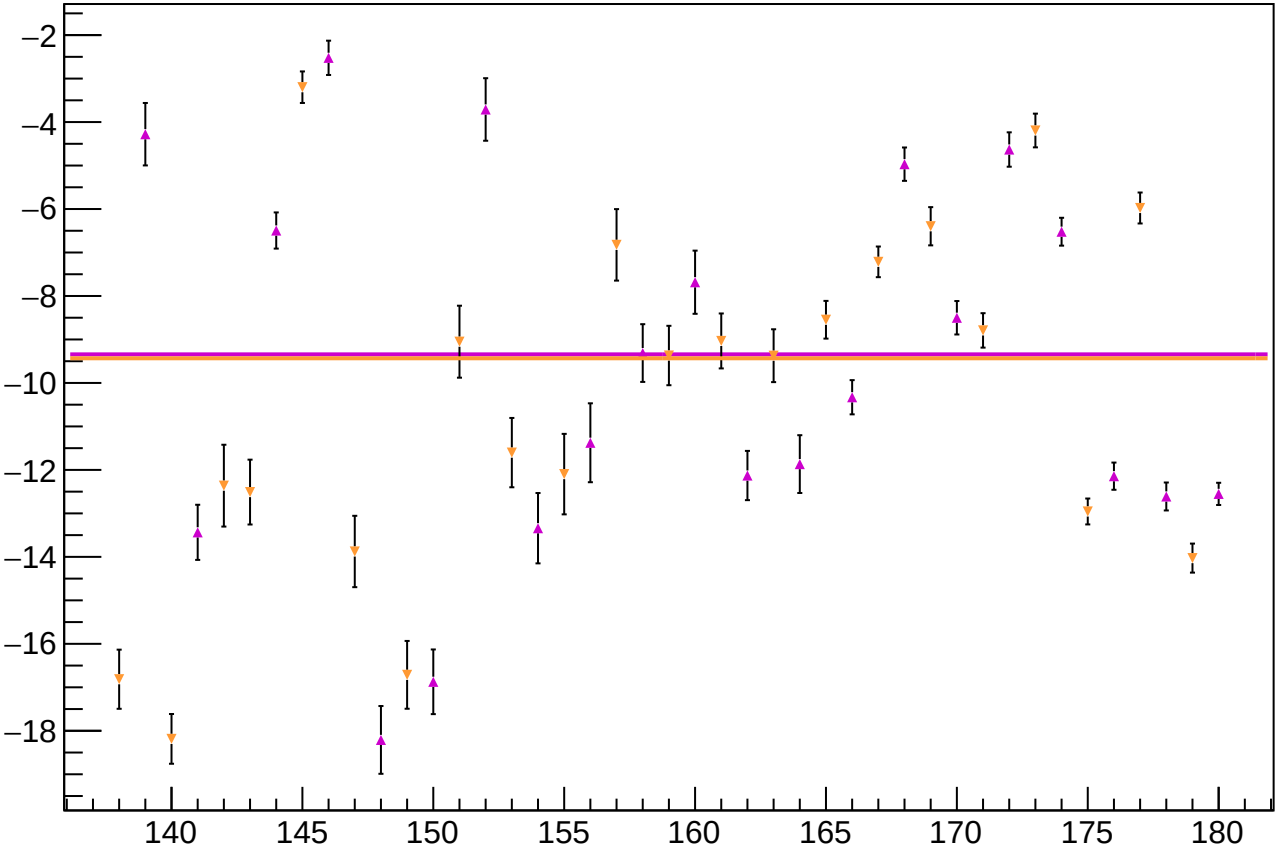
Left In: -0.126+/-0.002 χ^2/NDF:567.8/20

+ sign -0.128+/-0.002 χ^2/NDF: 971.0/38

All: -0.129+/-0.002 χ^2/NDF: 2150.0/78

- sign -0.130+/-0.002 χ^2/NDF: 1178.6/39

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.433+/-0.104 χ^2/NDF:1517.3/21

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

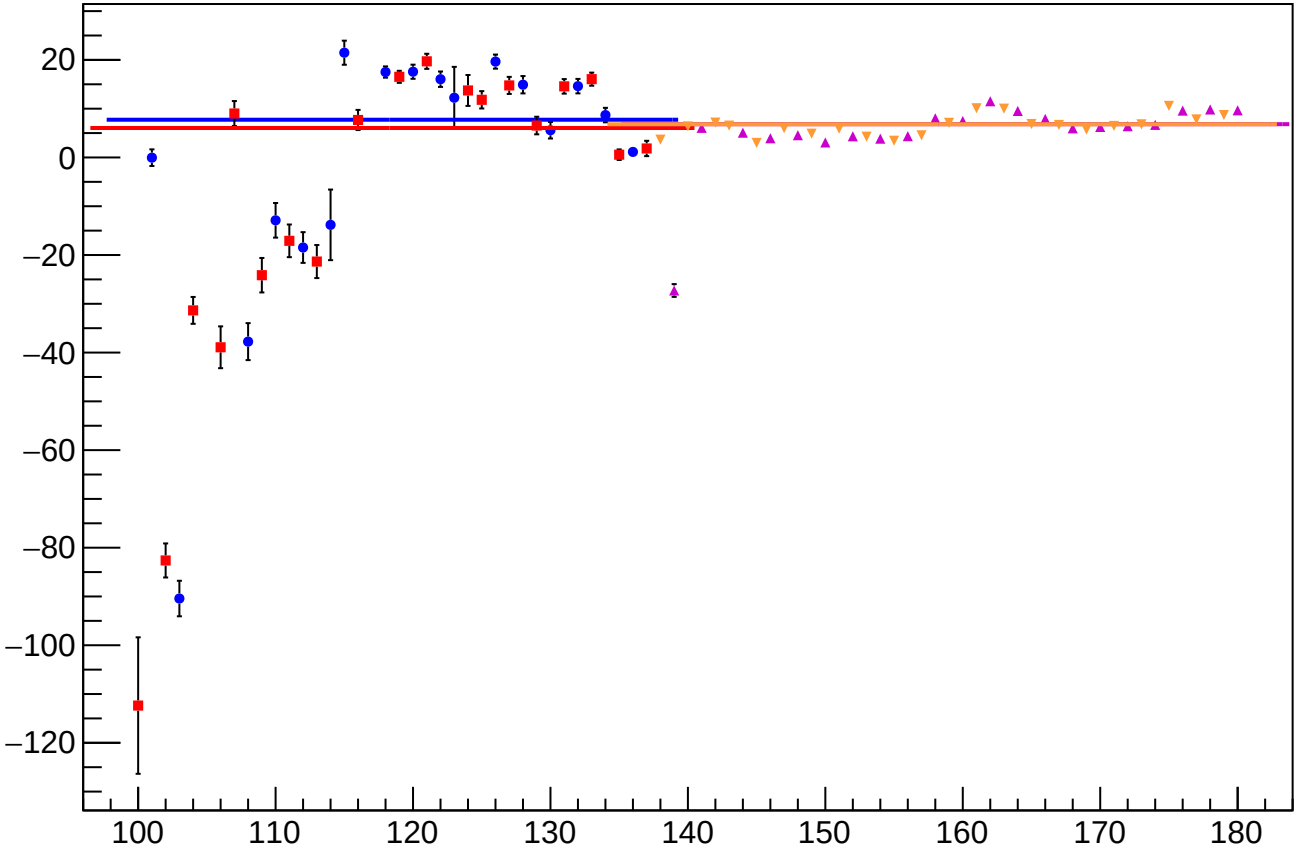
Left In: -9.343+/-0.097 χ^2/NDF:1506.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.385+/-0.071 χ^2/NDF: 3023.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 6.805+/-0.082 χ^2/NDF:630.1/21

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

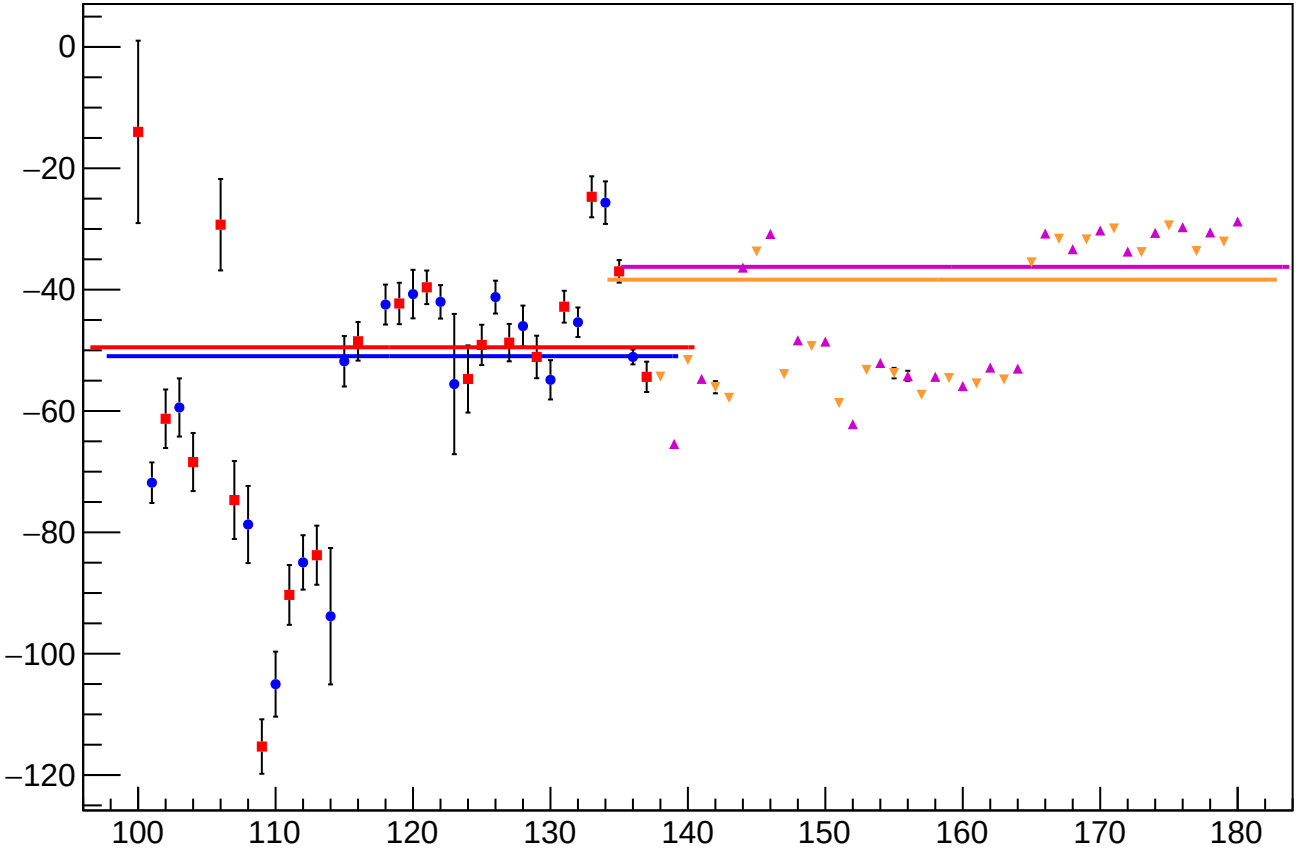
Left In: 6.821+/-0.078 χ^2/NDF:1504.2/20

+ sign 6.841+/-0.080 χ^2/NDF: 1993.7/38

All: 6.818+/-0.055 χ^2/NDF: 5013.3/78

- sign 6.797+/-0.077 χ^2/NDF: 3019.5/39

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -38.352+/-0.105 χ^2/NDF:9518.9/21

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

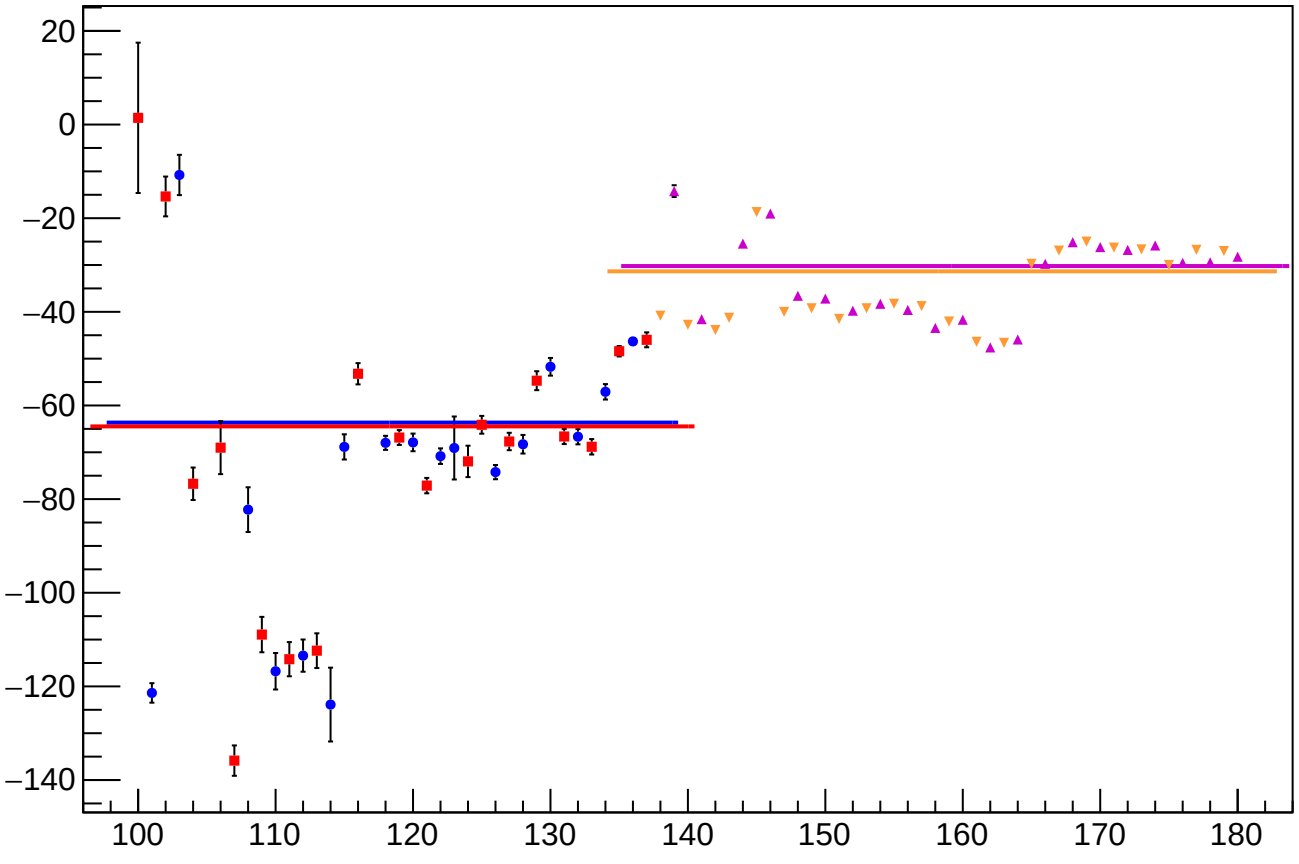
Left In: -36.241+/-0.097 χ^2/NDF:11010.0/20

+ sign -38.601+/-0.104 χ^2/NDF: 10138.2/38

All: -37.442+/-0.071 χ^2/NDF: 22164.2/78

- sign -36.436+/-0.097 χ^2/NDF: 11792.8/39

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -31.349+/-0.091 χ^2/NDF:7487.0/21

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

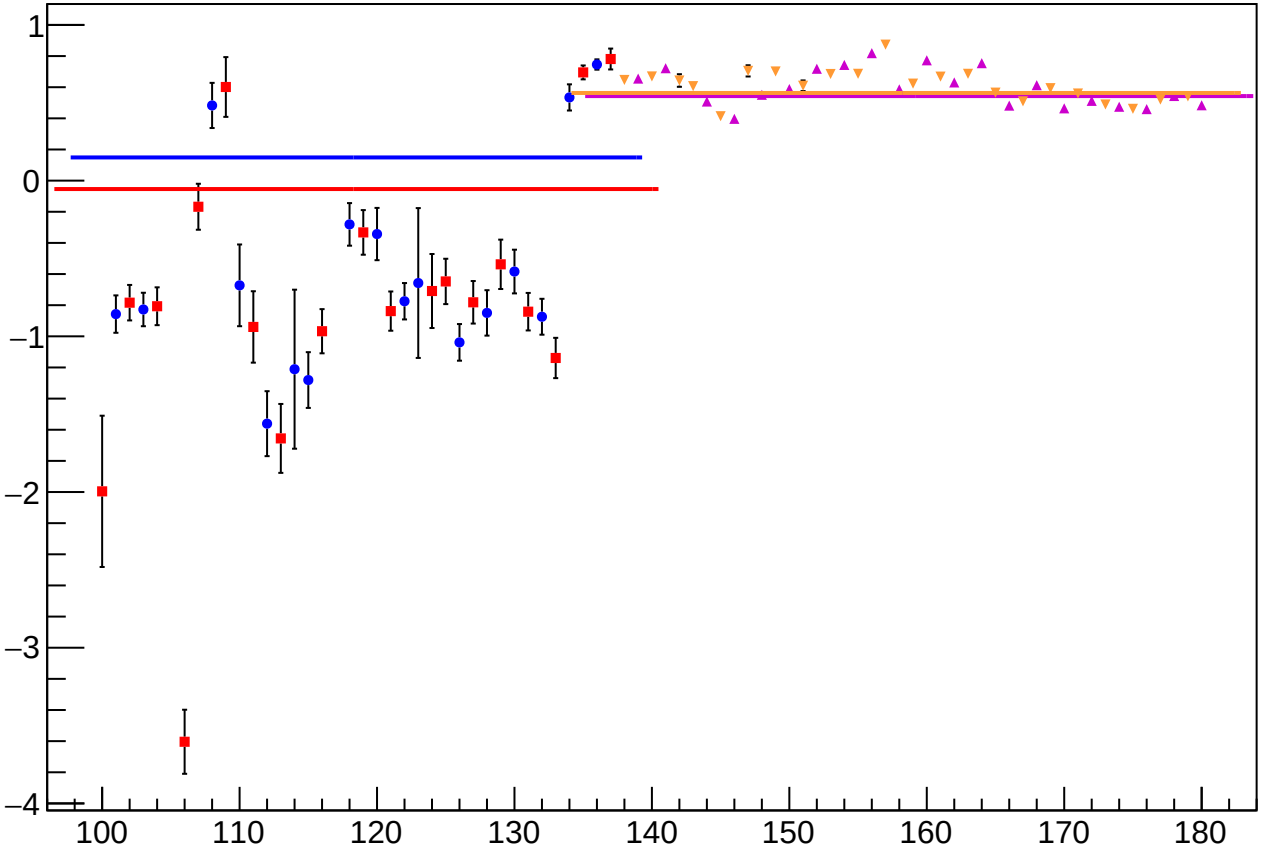
Left In: -30.220+/-0.087 χ^2/NDF:6969.7/20

+ sign -32.657+/-0.090 χ^2/NDF: 14550.9/38

All: -31.952+/-0.062 χ^2/NDF: 28125.4/78

- sign -31.305+/-0.086 χ^2/NDF: 13455.8/39

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.563+/-0.004 χ^2/NDF:510.7/21

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

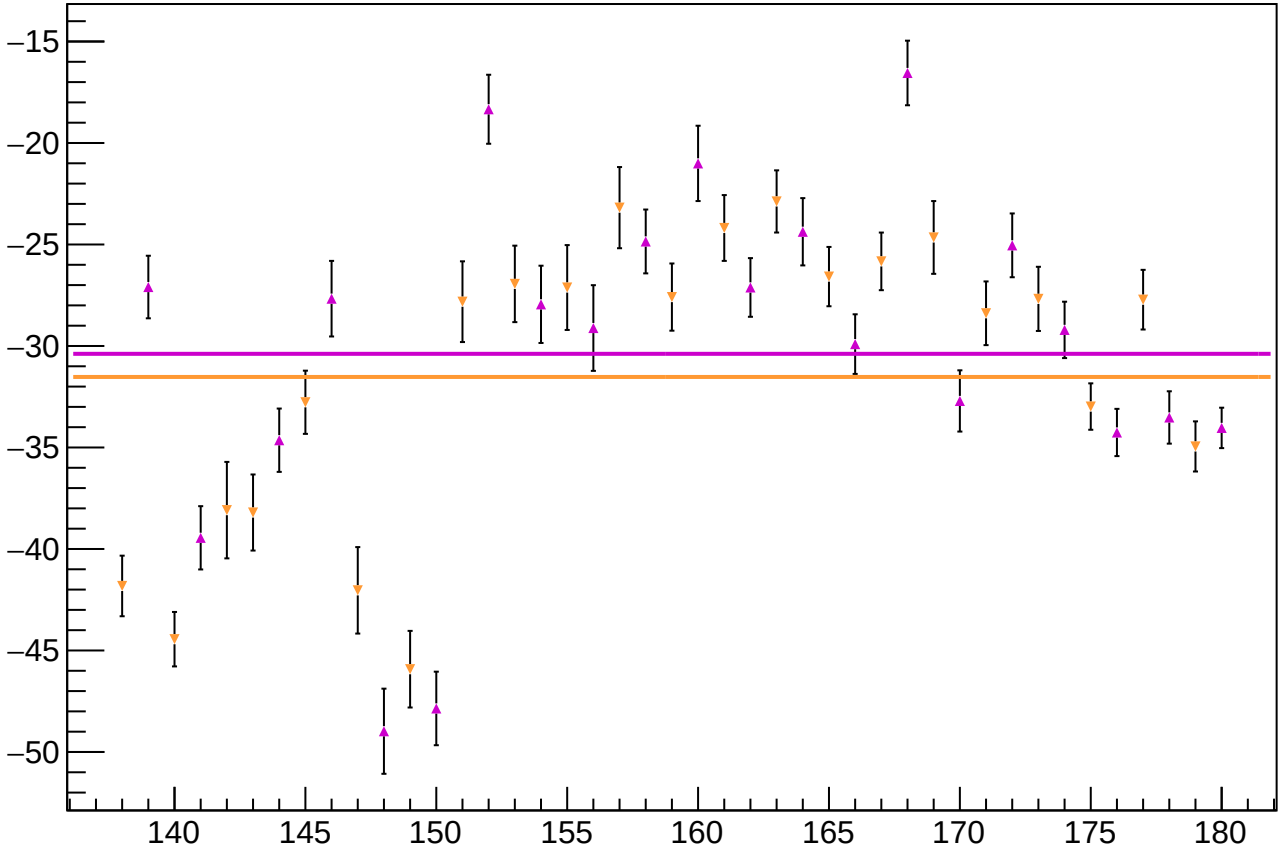
Left In: 0.543+/-0.004 χ^2/NDF:658.9/20

+ sign 0.551+/-0.004 χ^2/NDF: 1790.2/38

All: 0.540+/-0.003 χ^2/NDF: 4138.5/78

- sign 0.529+/-0.004 χ^2/NDF: 2334.3/39

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.526+/-0.342 χ^2/NDF:401.3/21

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

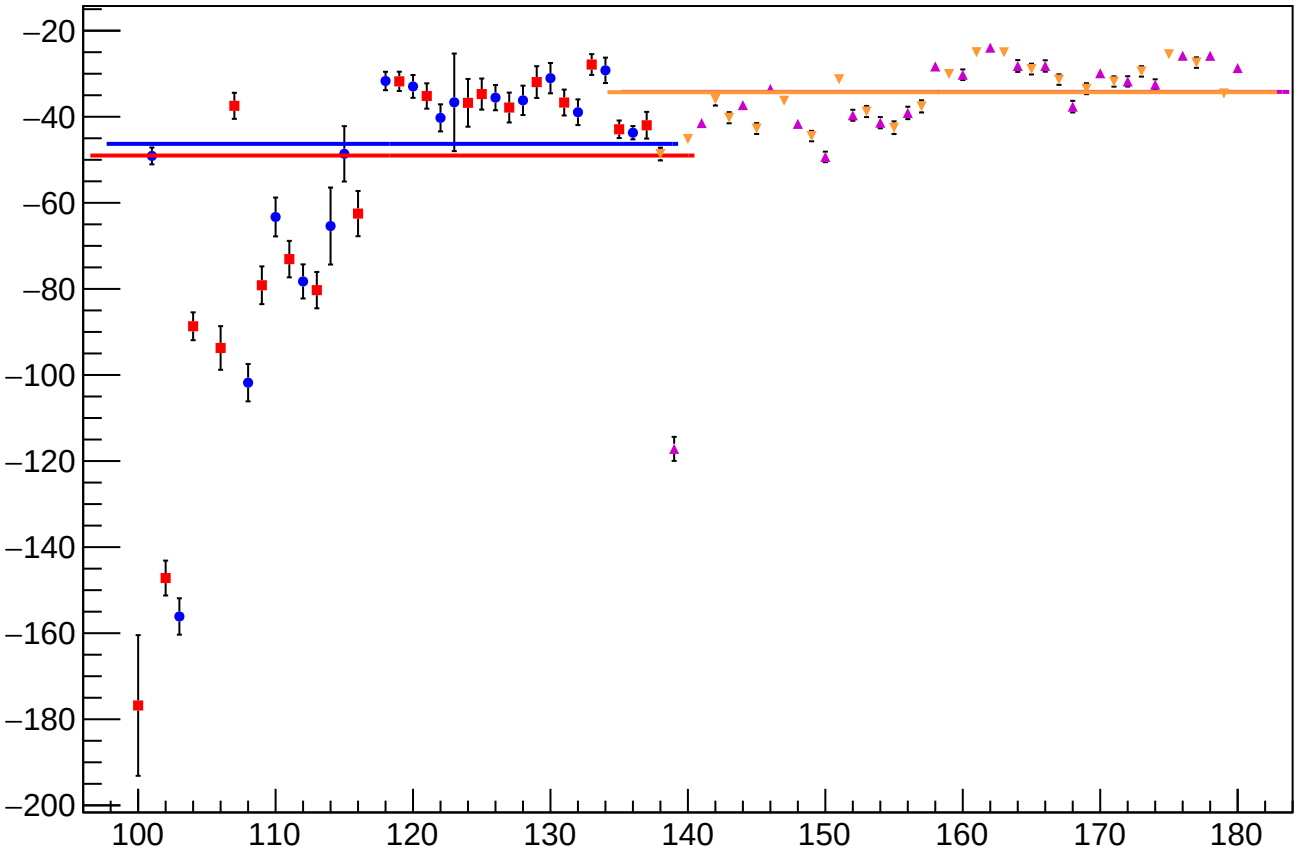
Left In: -30.386+/-0.333 χ^2/NDF:448.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -30.940+/-0.239 χ^2/NDF: 855.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300+/-0.723 χ^2/NDF: 1084.0/16

Left Out: -34.295+/-0.260 χ^2/NDF:673.3/21

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

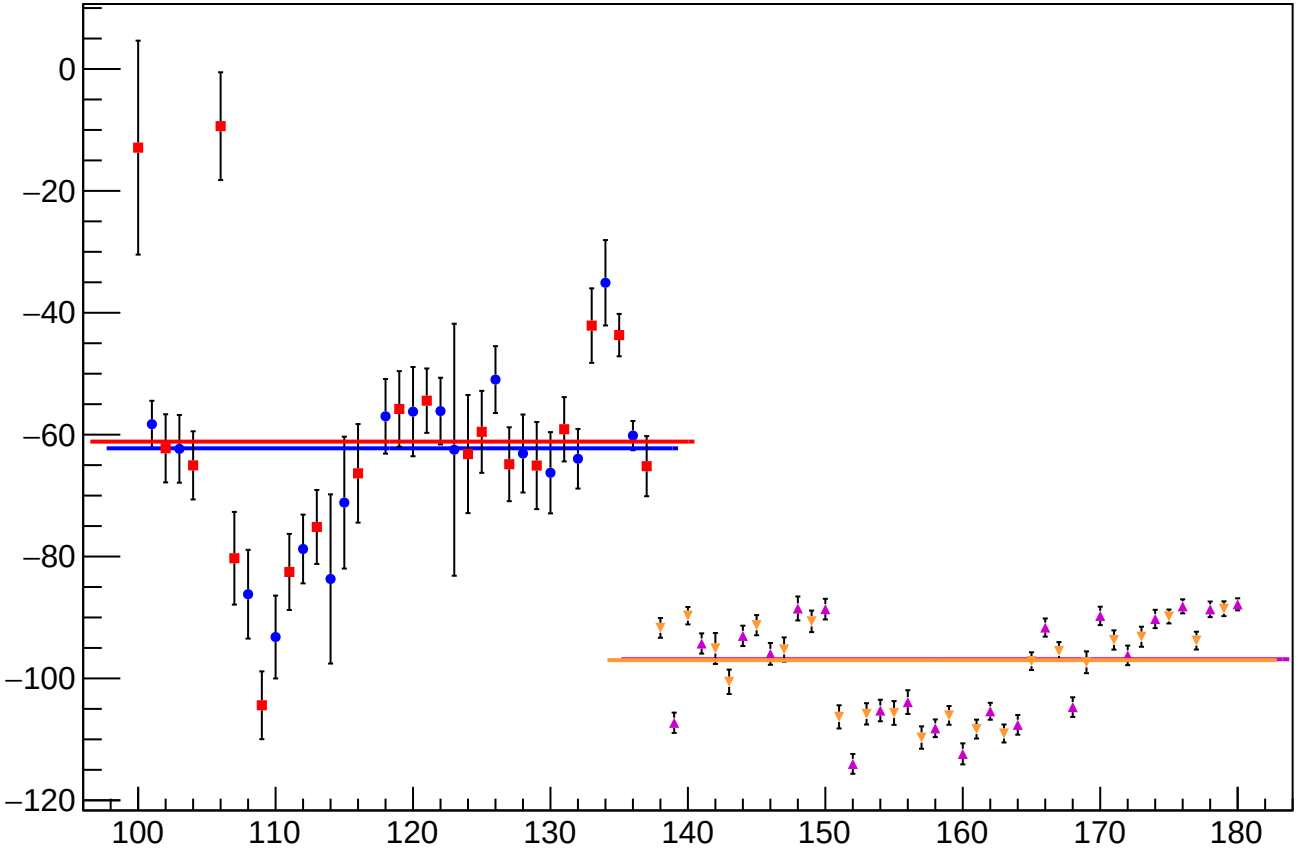
Left In: -34.221+/-0.262 χ^2/NDF:1529.0/20

+ sign -35.673+/-0.245 χ^2/NDF: 2001.6/38

All: -35.727+/-0.174 χ^2/NDF: 5137.7/78

- sign -35.782+/-0.248 χ^2/NDF: 3135.9/39

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -97.003+/-0.341 χ^2/NDF:440.9/21

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

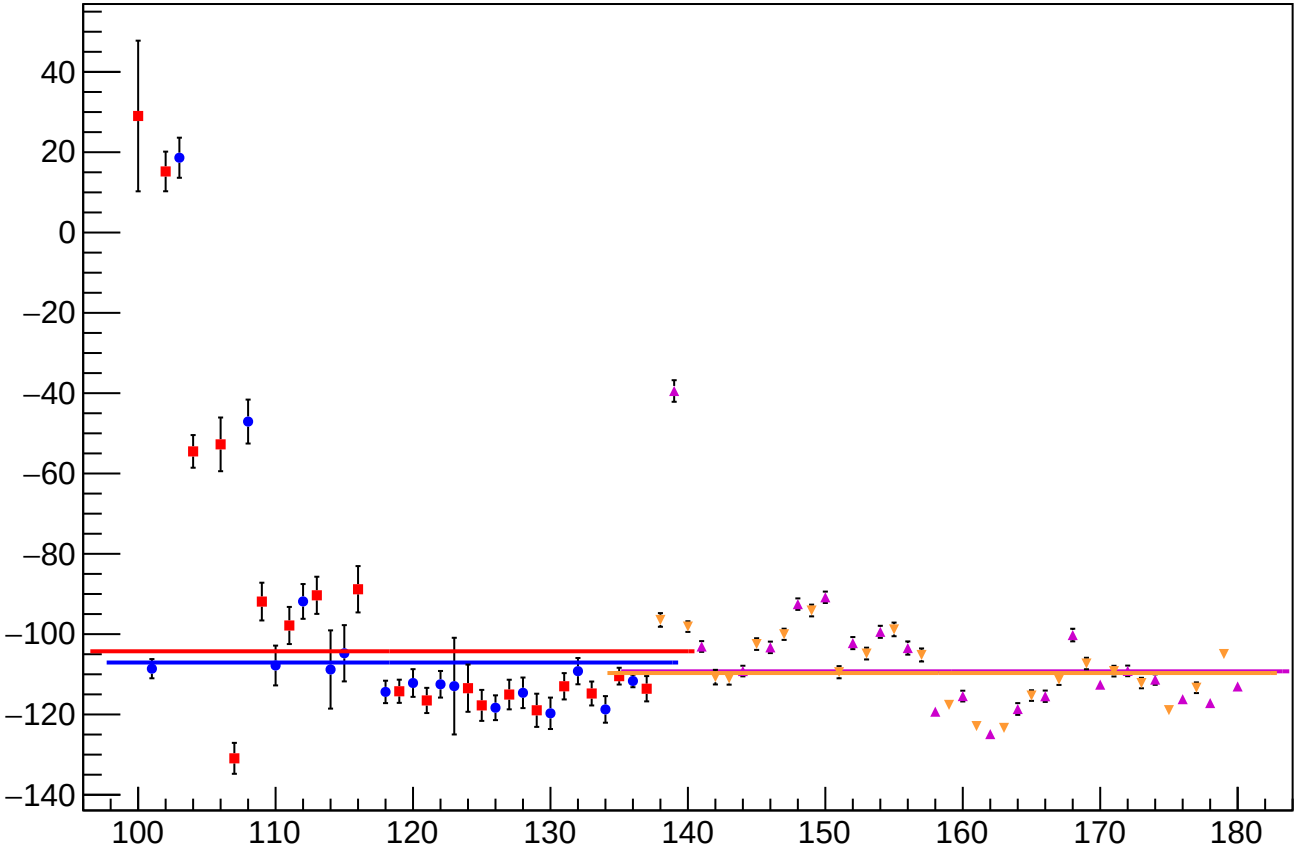
Left In: -96.851+/-0.330 χ^2/NDF:717.5/20

+ sign -94.802+/-0.330 χ^2/NDF: 1167.7/38

All: -94.859+/-0.230 χ^2/NDF: 2684.6/78

- sign -94.913+/-0.321 χ^2/NDF: 1516.8/39

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -109.685+/-0.295 χ^2/NDF:782.0/21

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

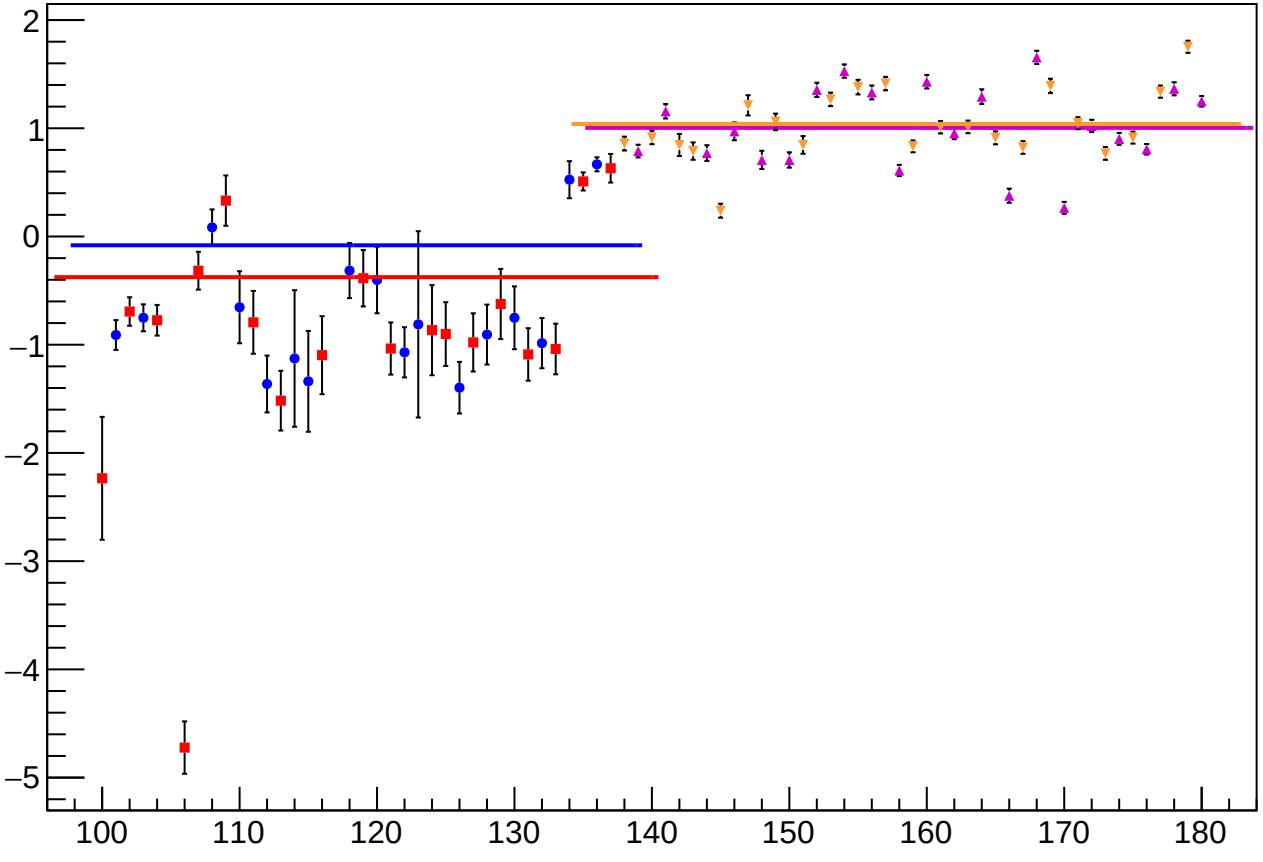
Left In: -109.259+/-0.294 χ^2/NDF:1556.2/20

+ sign -109.380+/-0.277 χ^2/NDF: 1619.6/38

All: -109.060+/-0.196 χ^2/NDF: 4227.2/78

- sign -108.737+/-0.278 χ^2/NDF: 2604.9/39

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 1.040+/-0.014 χ^2/NDF:538.5/21

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

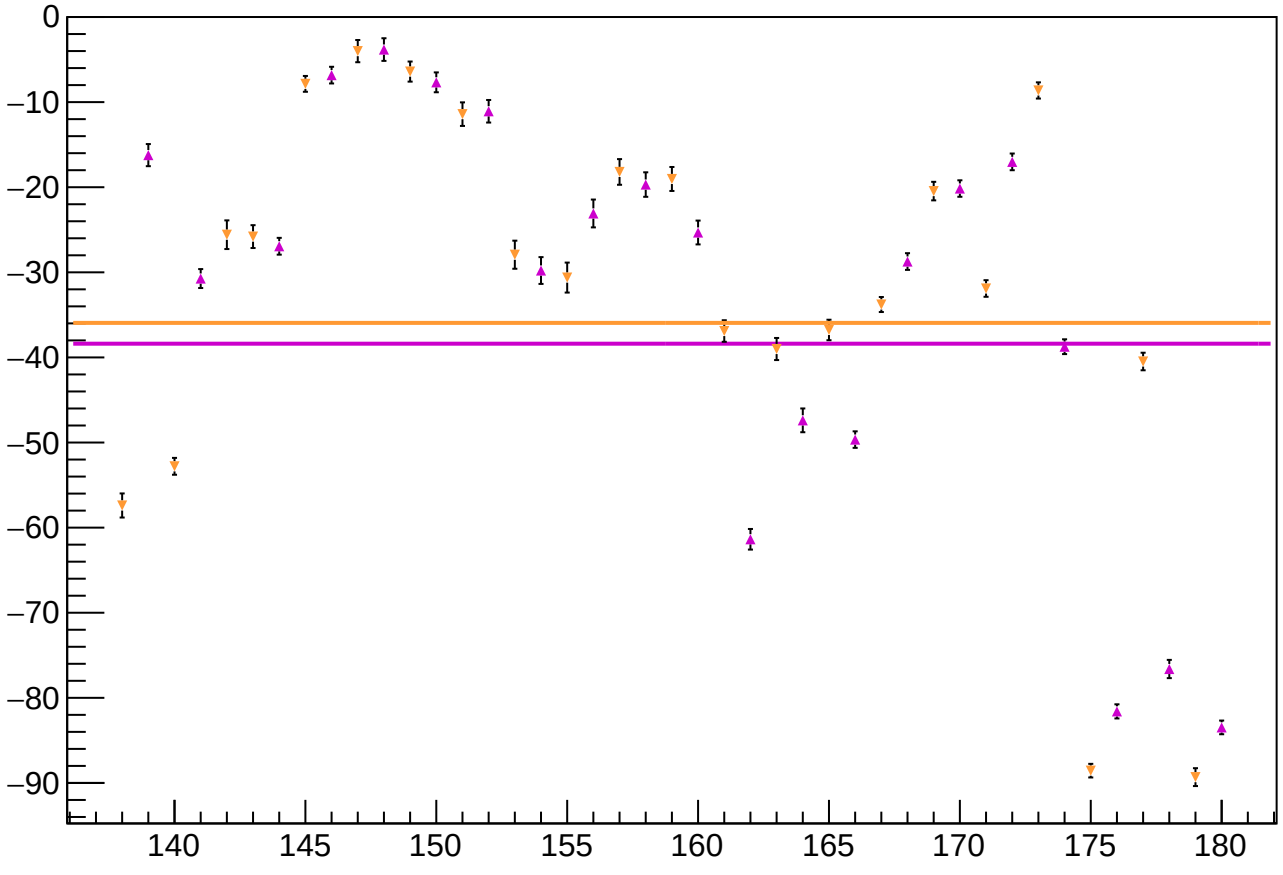
Left In: 1.004+/-0.013 χ^2/NDF:771.8/20

+ sign 0.935+/-0.013 χ^2/NDF: 1508.0/38

All: 0.911+/-0.009 χ^2/NDF: 3774.3/78

- sign 0.888+/-0.013 χ^2/NDF: 2259.6/39

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -35.942+/-0.245 χ^2/NDF:11364.9/21

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

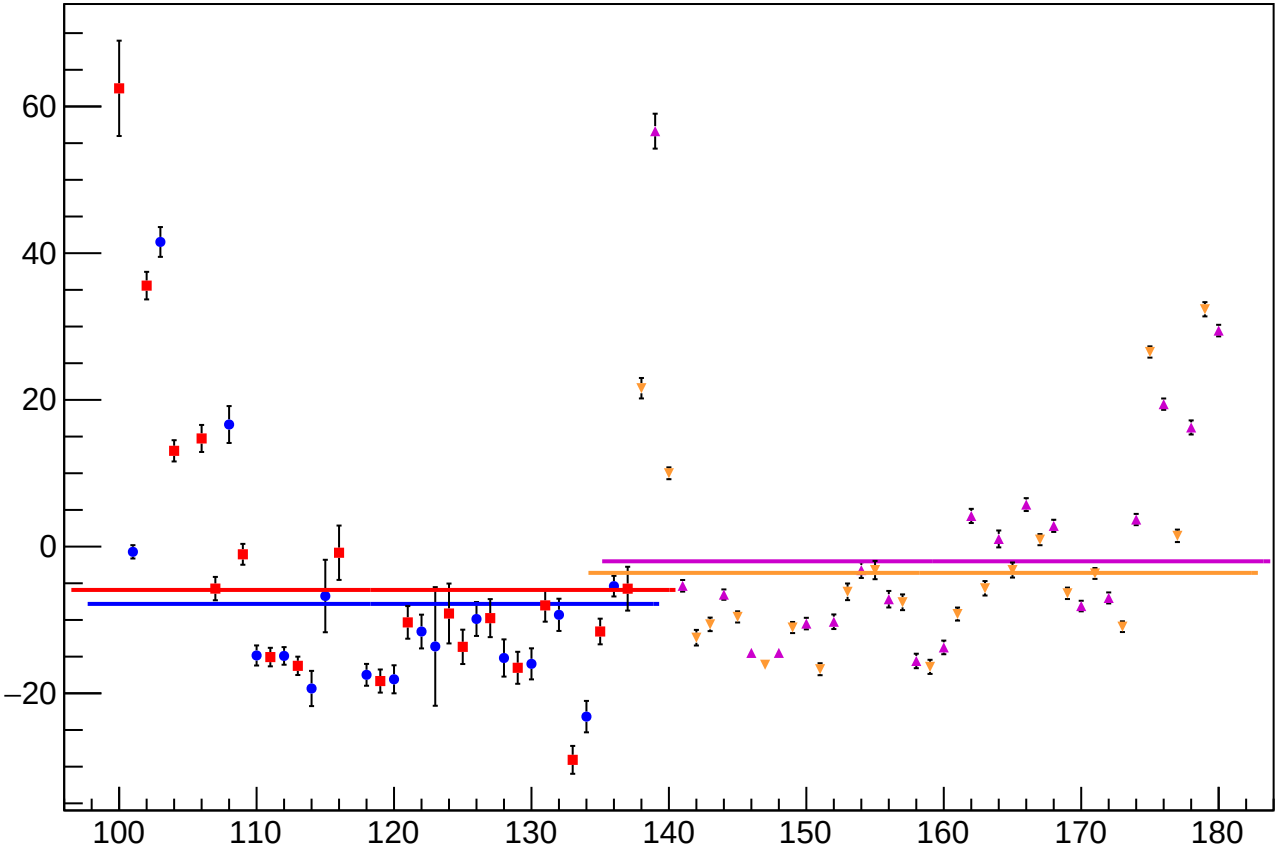
Left In: -38.386+/-0.238 χ^2/NDF:12250.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -37.201+/-0.171 χ^2/NDF: 23666.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.812+/-0.427 χ^2/NDF: 982.8/16

Left Out: -3.582+/-0.184 χ^2/NDF:4887.2/21

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

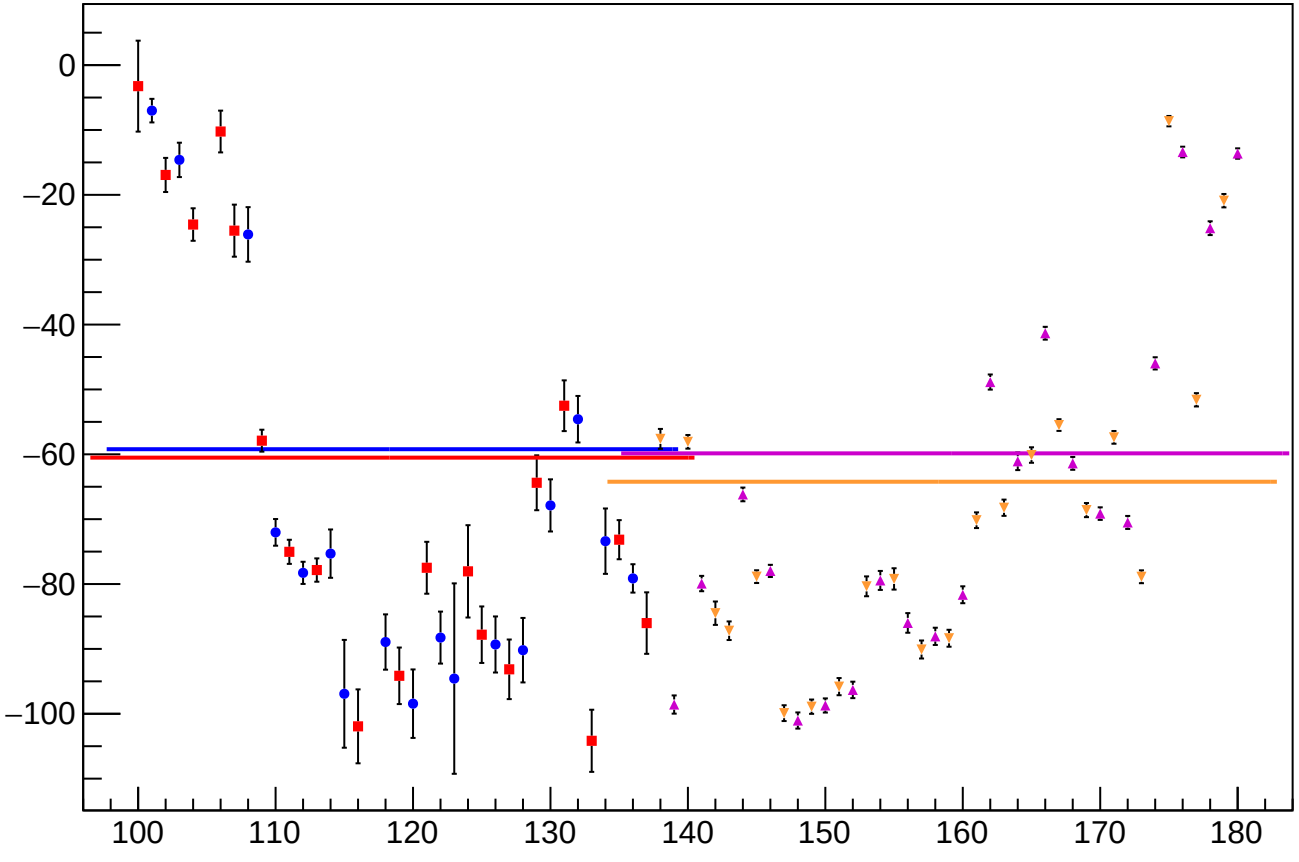
Left In: -2.005+/-0.184 χ^2/NDF:5055.2/20

+ sign -4.245+/-0.169 χ^2/NDF: 5952.6/38

All: -3.427+/-0.120 χ^2/NDF: 12417.5/78

- sign -2.610+/-0.169 χ^2/NDF: 6418.2/39

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -64.227+/-0.245 χ^2/NDF:11104.4/21

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

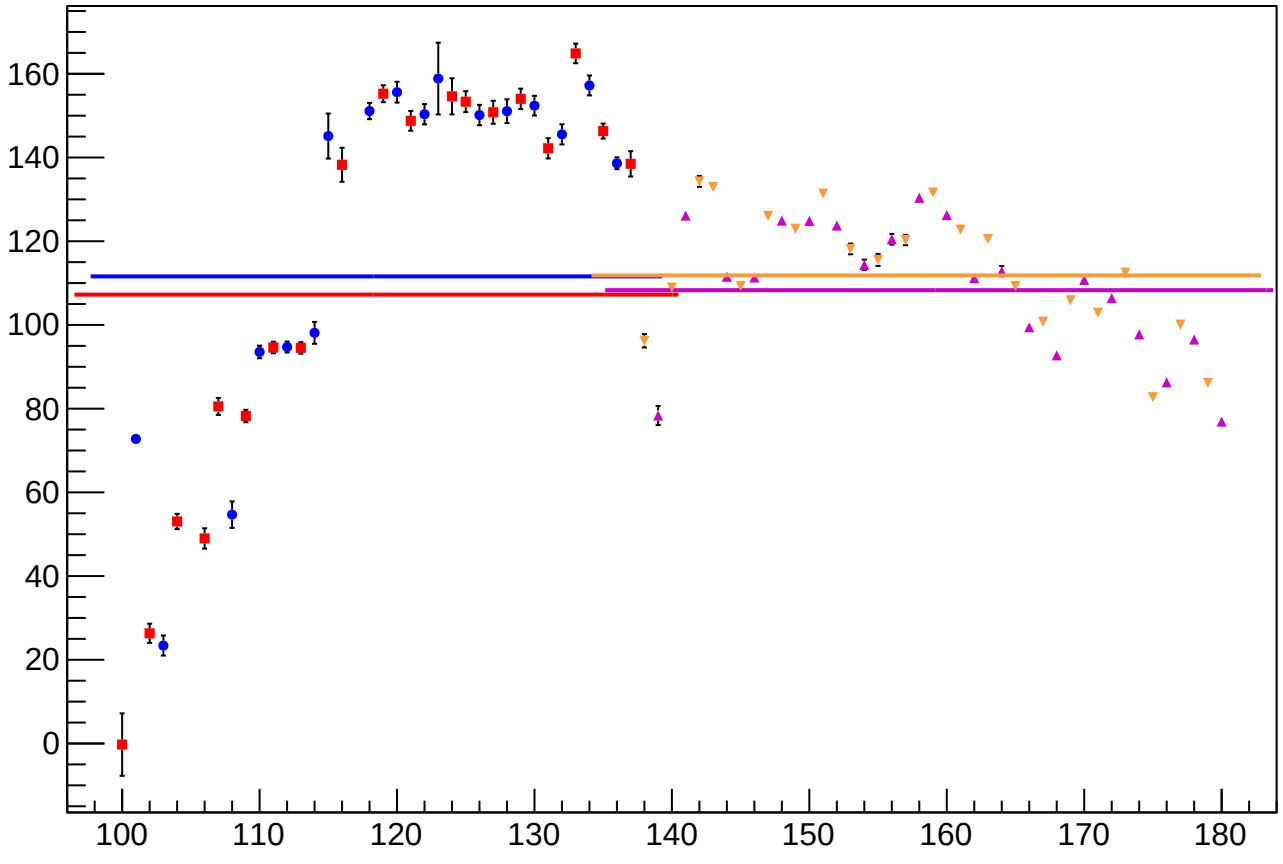
Left In: -59.853+/-0.237 χ^2/NDF:14293.0/20

+ sign -63.738+/-0.232 χ^2/NDF: 12865.8/38

All: -61.763+/-0.161 χ^2/NDF: 28683.1/78

- sign -59.920+/-0.225 χ^2/NDF: 15677.7/39

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 111.837+/-0.210 χ^2/NDF:4604.5/21

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

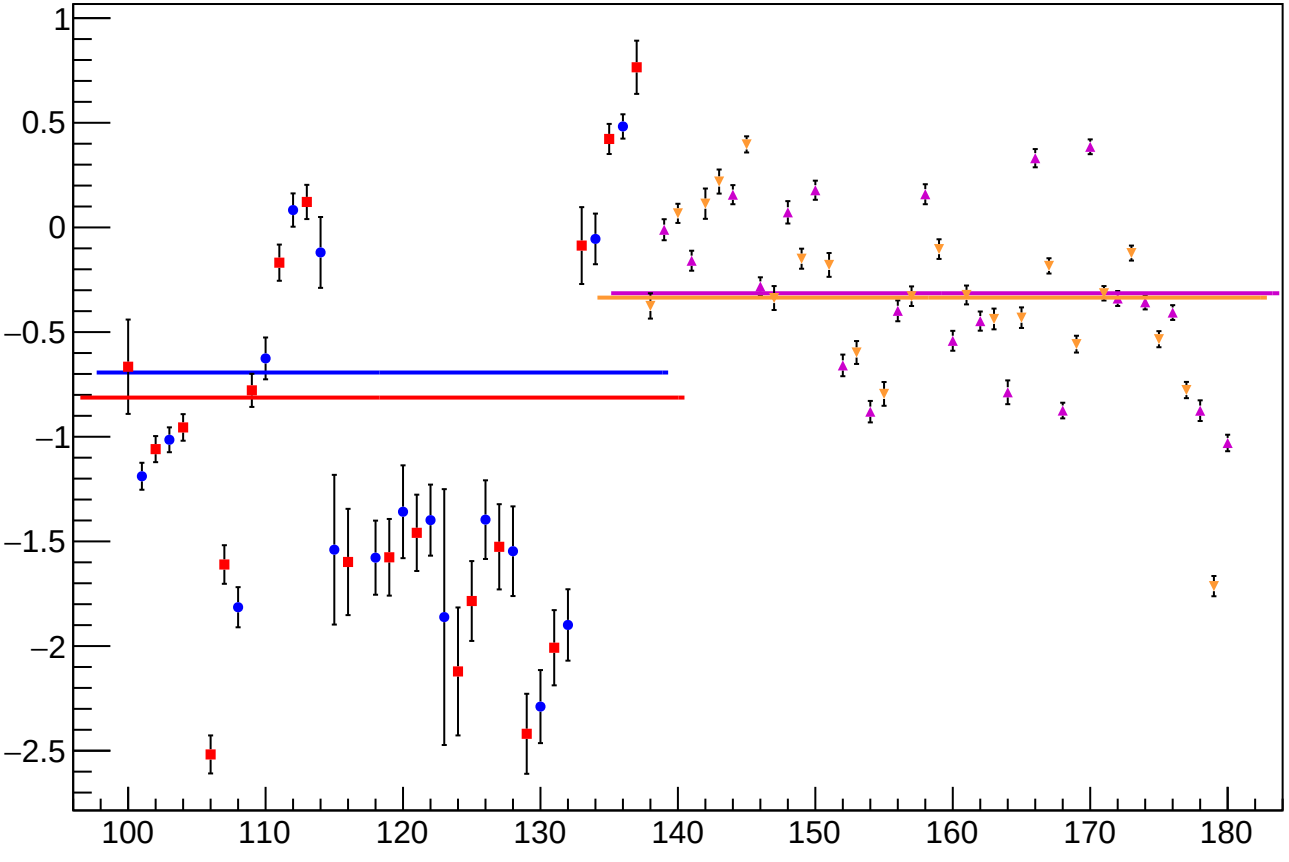
Left In: 108.315+/-0.208 χ^2/NDF:5062.8/20

+ sign 111.800+/-0.193 χ^2/NDF: 10564.2/38

All: 109.963+/-0.136 χ^2/NDF: 22849.0/78

- sign 108.149+/-0.192 χ^2/NDF: 12104.3/39

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: -0.335+/-0.010 χ^2/NDF:1762.9/21

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

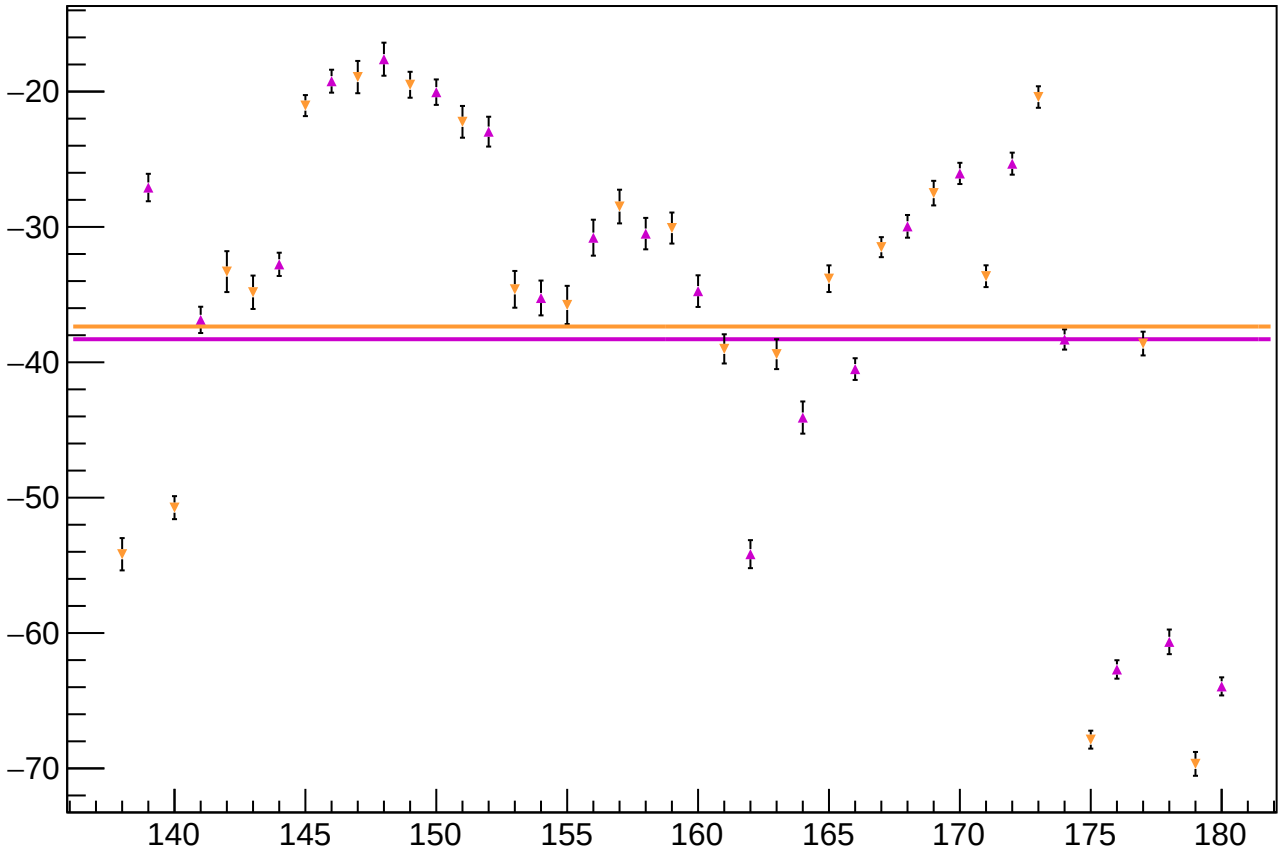
Left In: -0.314+/-0.010 χ^2/NDF:1992.9/20

+ sign -0.380+/-0.009 χ^2/NDF: 2924.7/38

All: -0.380+/-0.006 χ^2/NDF: 6591.9/78

- sign -0.381+/-0.009 χ^2/NDF: 3667.2/39

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -37.357+/-0.206 χ^2/NDF:5893.1/21

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

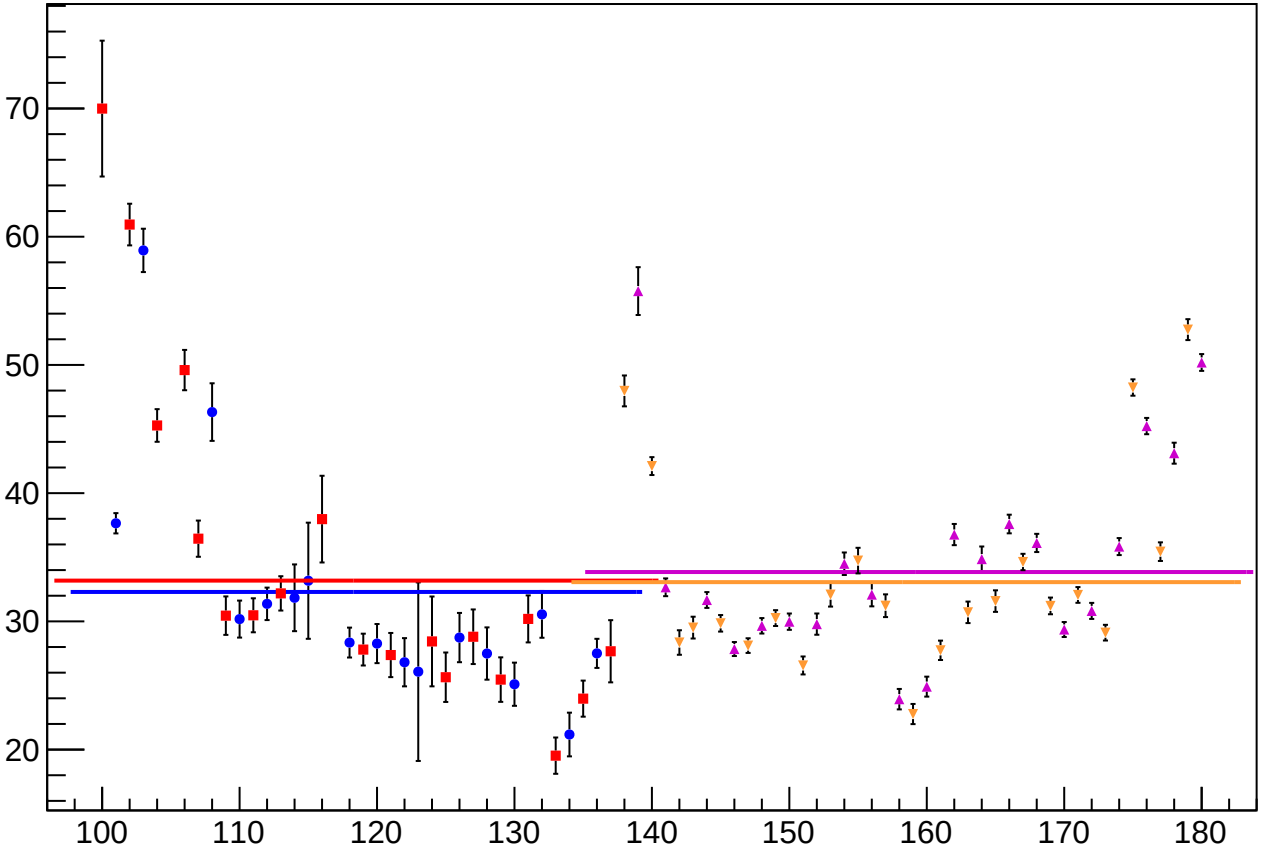
Left In: -38.295+/-0.199 χ^2/NDF:5844.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -37.842+/-0.143 χ^2/NDF: 11748.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295+/-0.373 χ^2/NDF: 452.2/16

Left Out: 33.061+/-0.156 χ^2/NDF:2029.2/21

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

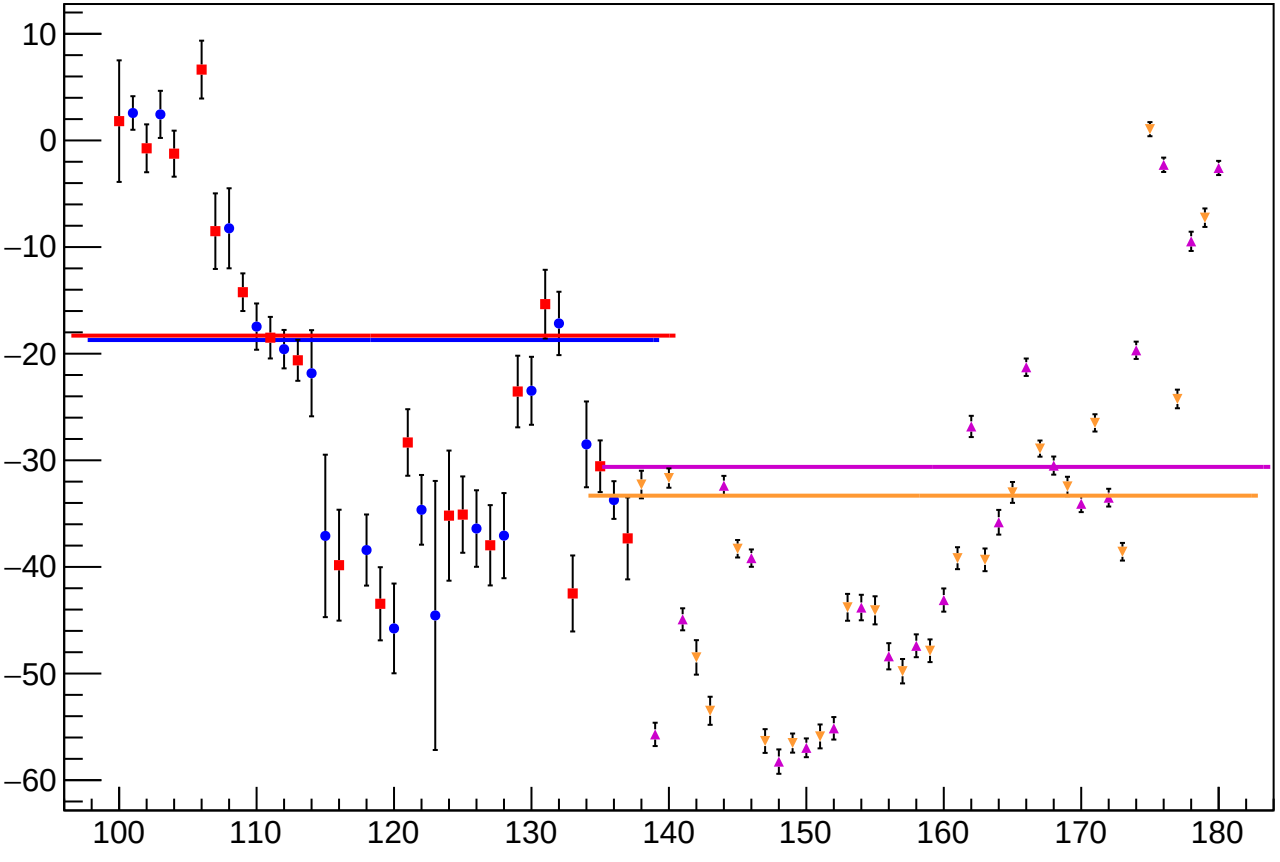
Left In: 33.848+/-0.156 χ^2/NDF:1887.6/20

+ sign 32.946+/-0.144 χ^2/NDF: 2485.0/38

All: 33.349+/-0.102 χ^2/NDF: 5161.1/78

- sign 33.752+/-0.144 χ^2/NDF: 2660.5/39

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -33.316+/-0.205 χ^2/NDF:6312.8/21

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

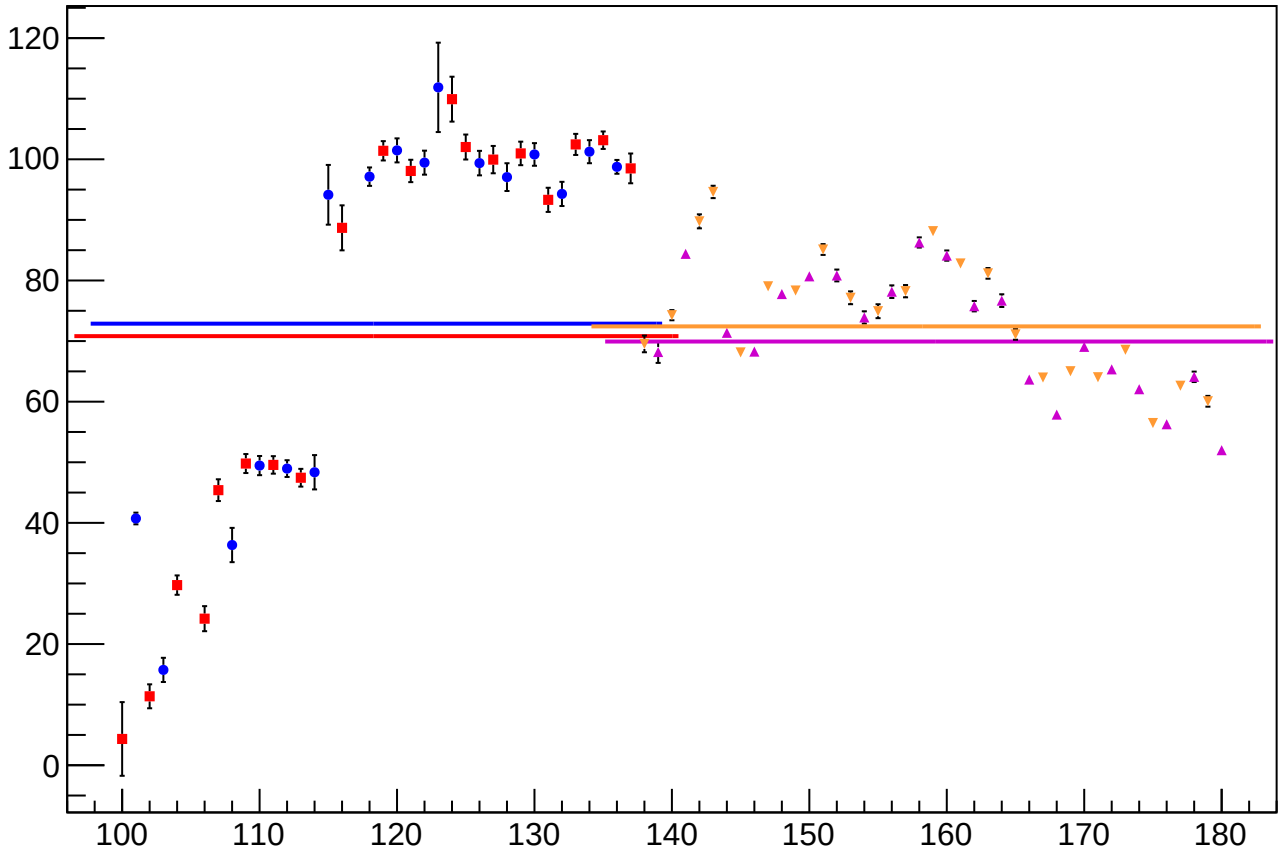
Left In: -30.618+/-0.198 χ^2/NDF:8030.5/20

+ sign -32.045+/-0.196 χ^2/NDF: 7271.7/38

All: -30.754+/-0.136 χ^2/NDF: 16192.7/78

- sign -29.549+/-0.190 χ^2/NDF: 8837.3/39

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 72.424+/-0.177 χ^2/NDF:3108.7/21

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

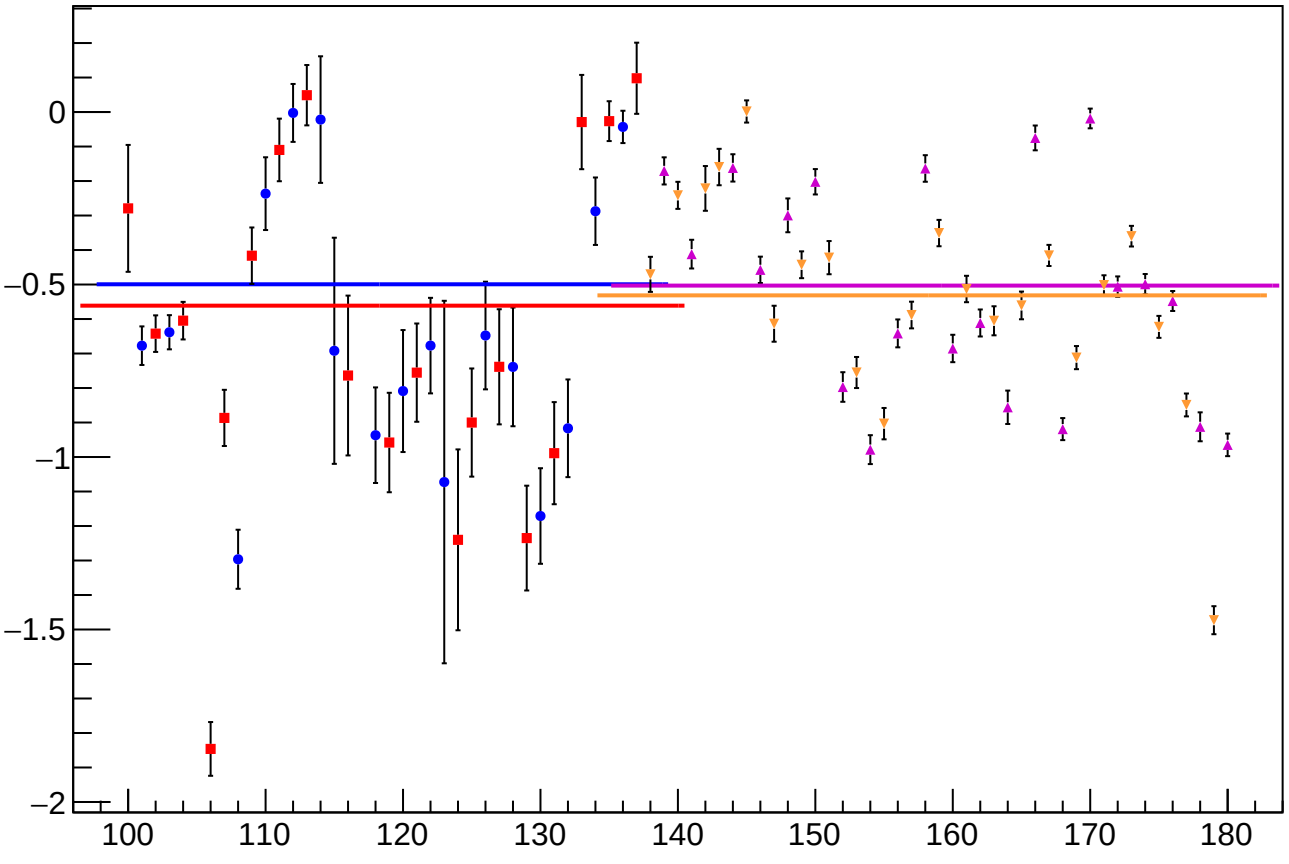
Left In: 69.925+/-0.176 χ^2/NDF:3123.4/20

+ sign 72.491+/-0.164 χ^2/NDF: 7847.6/38

All: 71.264+/-0.115 χ^2/NDF: 16575.7/78

- sign 70.051+/-0.163 χ^2/NDF: 8616.3/39

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.531+/-0.008 χ^2/NDF:1250.6/21

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

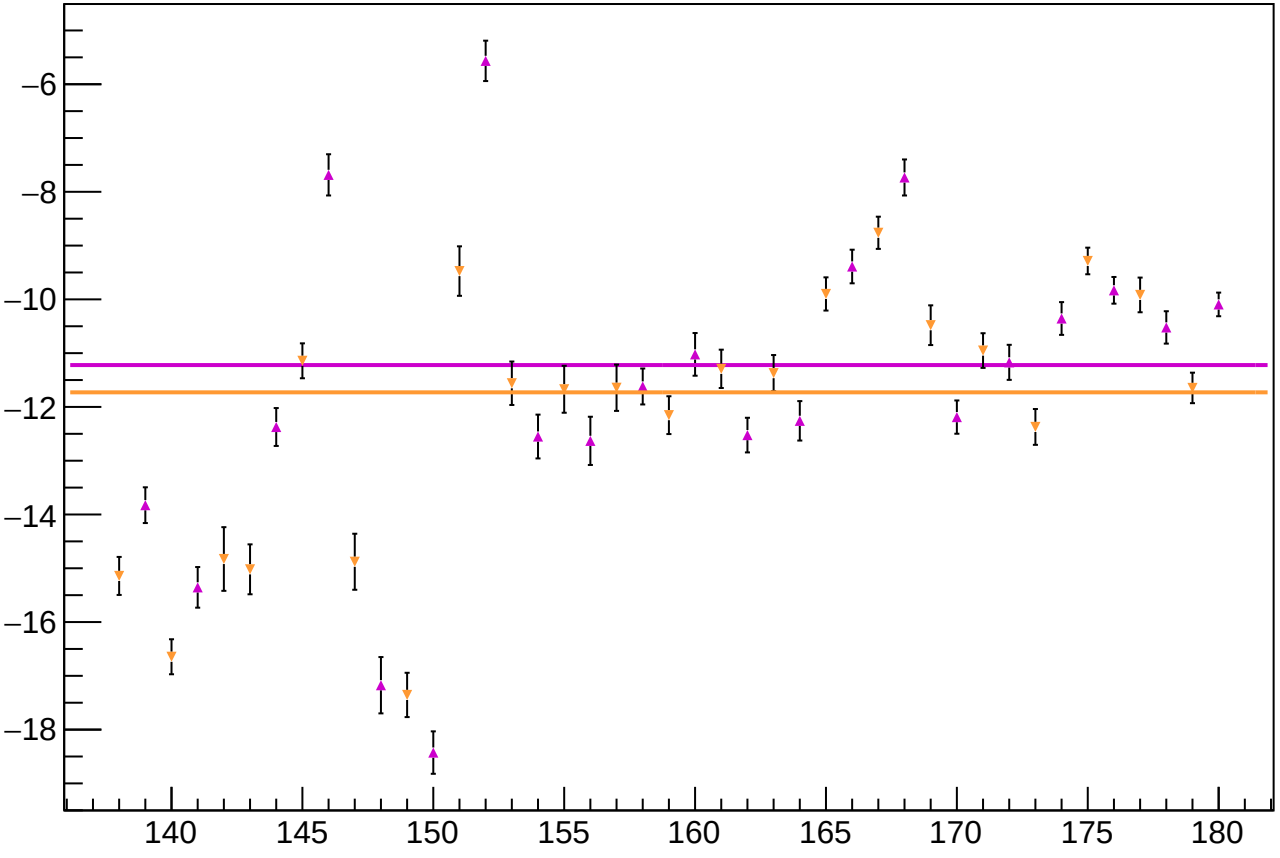
Left In: -0.503+/-0.008 χ^2/NDF:1478.2/20

+ sign -0.528+/-0.008 χ^2/NDF: 1556.0/38

All: -0.519+/-0.005 χ^2/NDF: 3605.7/78

- sign -0.510+/-0.007 χ^2/NDF: 2047.1/39

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -11.729+/-0.075 χ^2/NDF:937.3/21

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

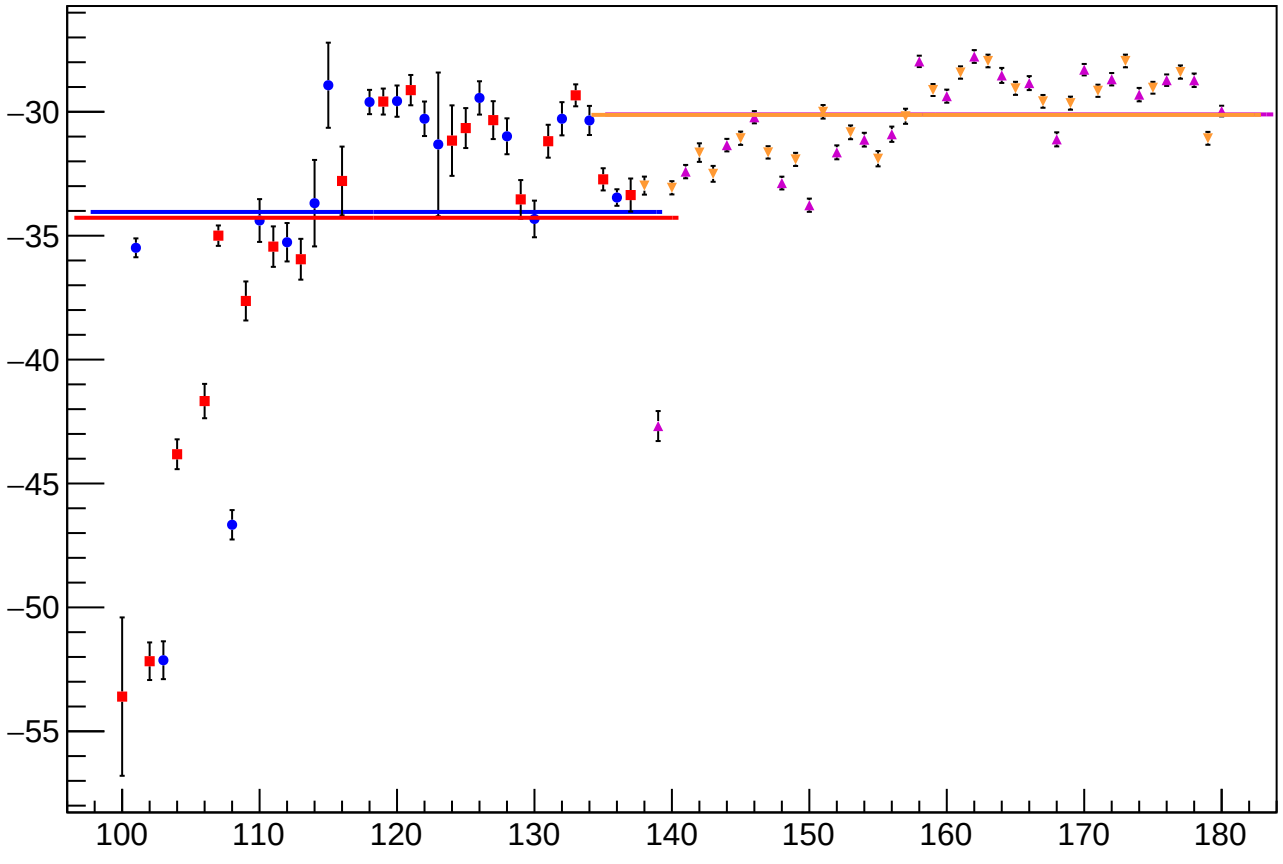
Left In: -11.222+/-0.073 χ^2/NDF:1236.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.466+/-0.052 χ^2/NDF: 2197.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042+/-0.151 χ^2/NDF: 1340.8/16

Left Out: -30.124+/-0.058 χ^2/NDF:711.7/21

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

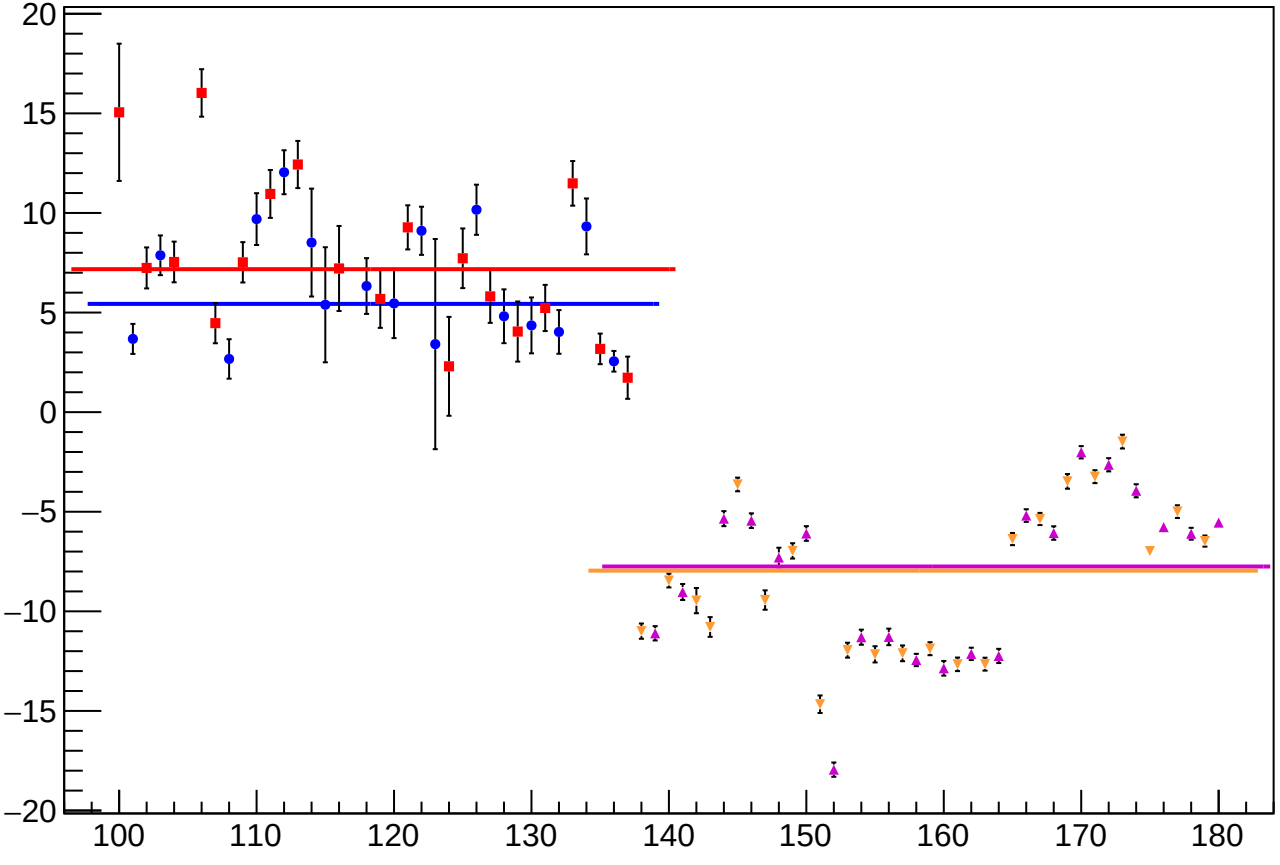
Left In: -30.106+/-0.058 χ^2/NDF:1280.5/20

+ sign -30.626+/-0.054 χ^2/NDF: 2641.8/38

All: -30.633+/-0.038 χ^2/NDF: 5938.7/78

- sign -30.640+/-0.054 χ^2/NDF: 3296.8/39

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435+/-0.270 χ^2/NDF: 132.0/16

Left Out: -7.956+/-0.075 χ^2/NDF:2319.6/21

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

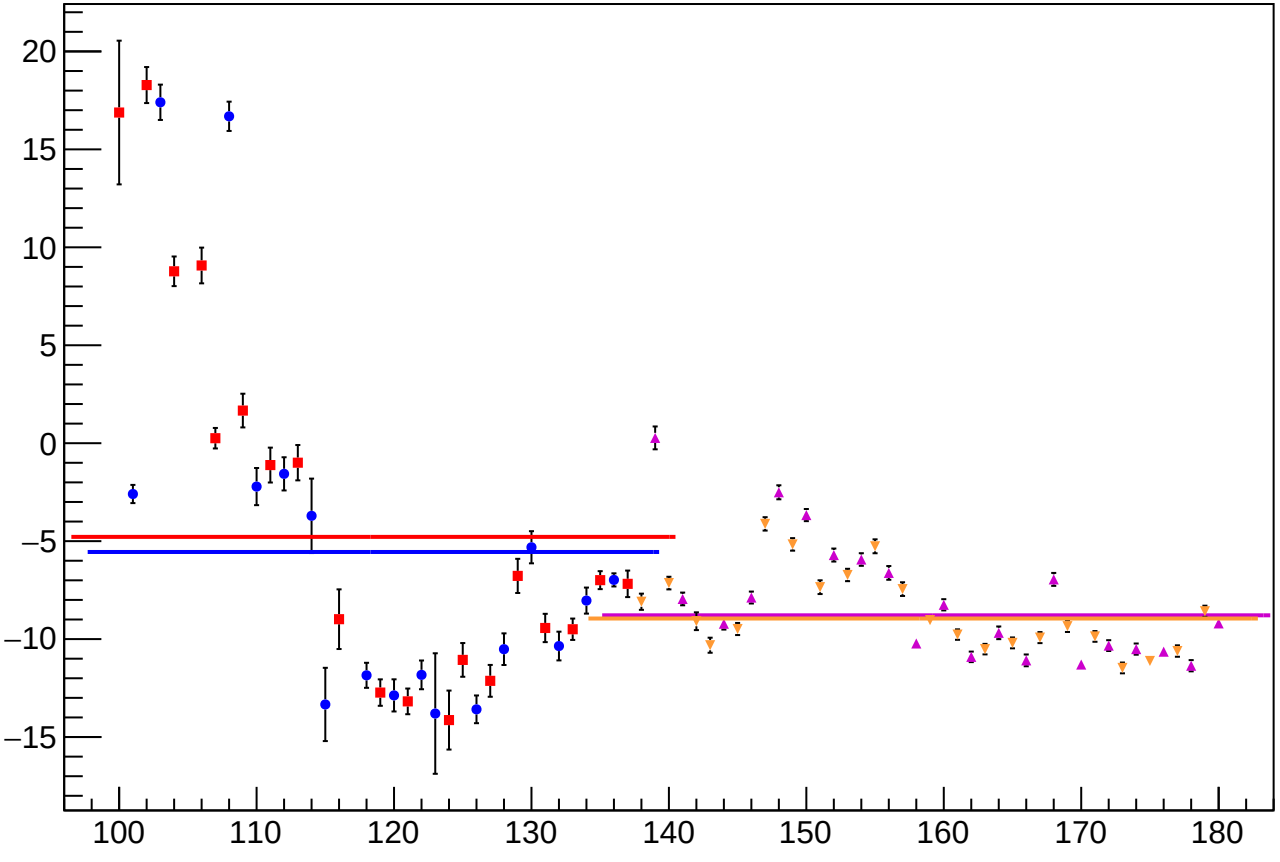
Left In: -7.749+/-0.072 χ^2/NDF:2942.5/20

+ sign -6.999+/-0.072 χ^2/NDF: 4742.9/38

All: -6.888+/-0.050 χ^2/NDF: 10644.8/78

- sign -6.784+/-0.070 χ^2/NDF: 5897.3/39

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553+/-0.170 χ^2/NDF: 2125.3/16

Left Out: -8.950+/-0.065 χ^2/NDF:867.8/21

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

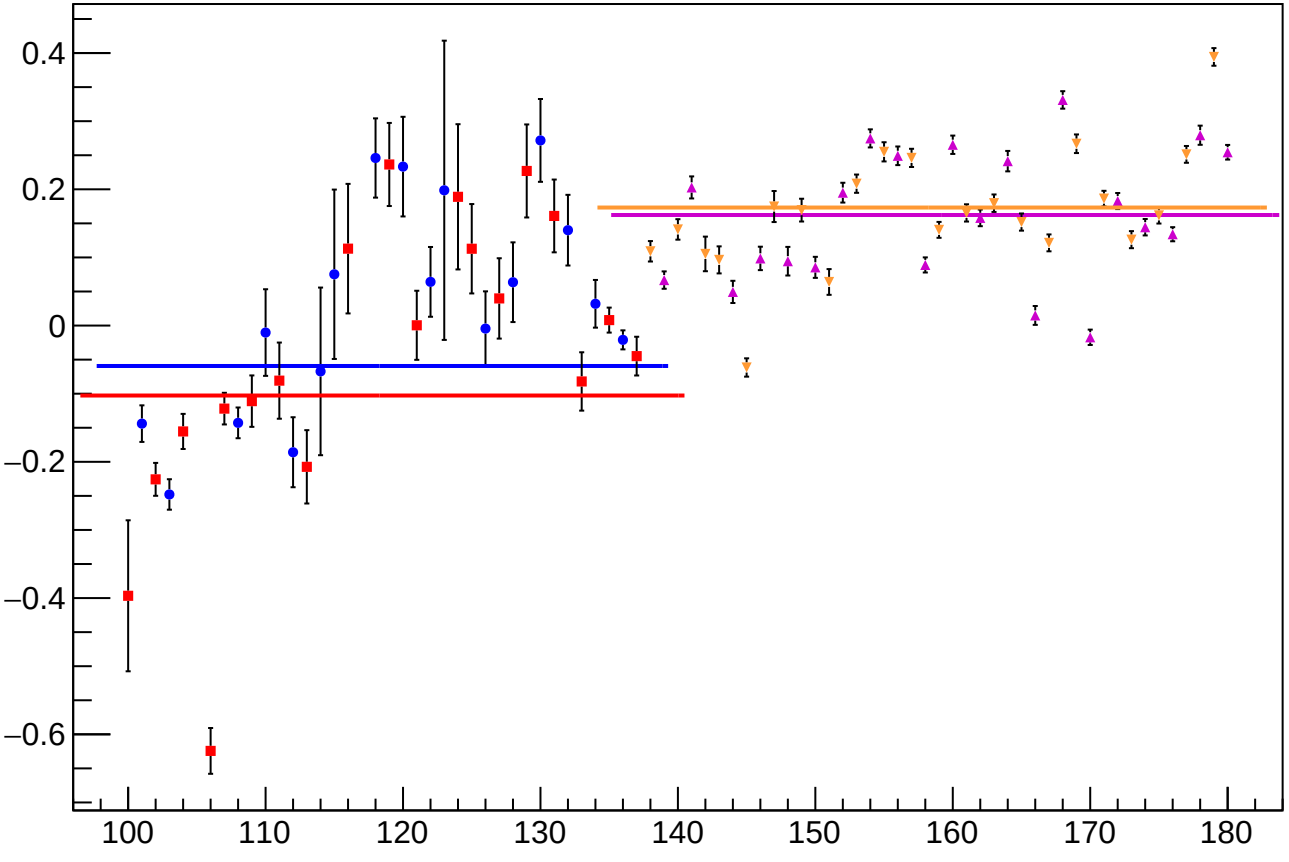
Left In: -8.786+/-0.064 χ^2/NDF:1547.8/20

+ sign -8.516+/-0.061 χ^2/NDF: 3341.9/38

All: -8.406+/-0.043 χ^2/NDF: 7408.0/78

- sign -8.298+/-0.060 χ^2/NDF: 4059.6/39

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.059+/-0.008 χ^2/NDF: 217.6/16

Left Out: 0.173+/-0.003 χ^2/NDF:877.6/21

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

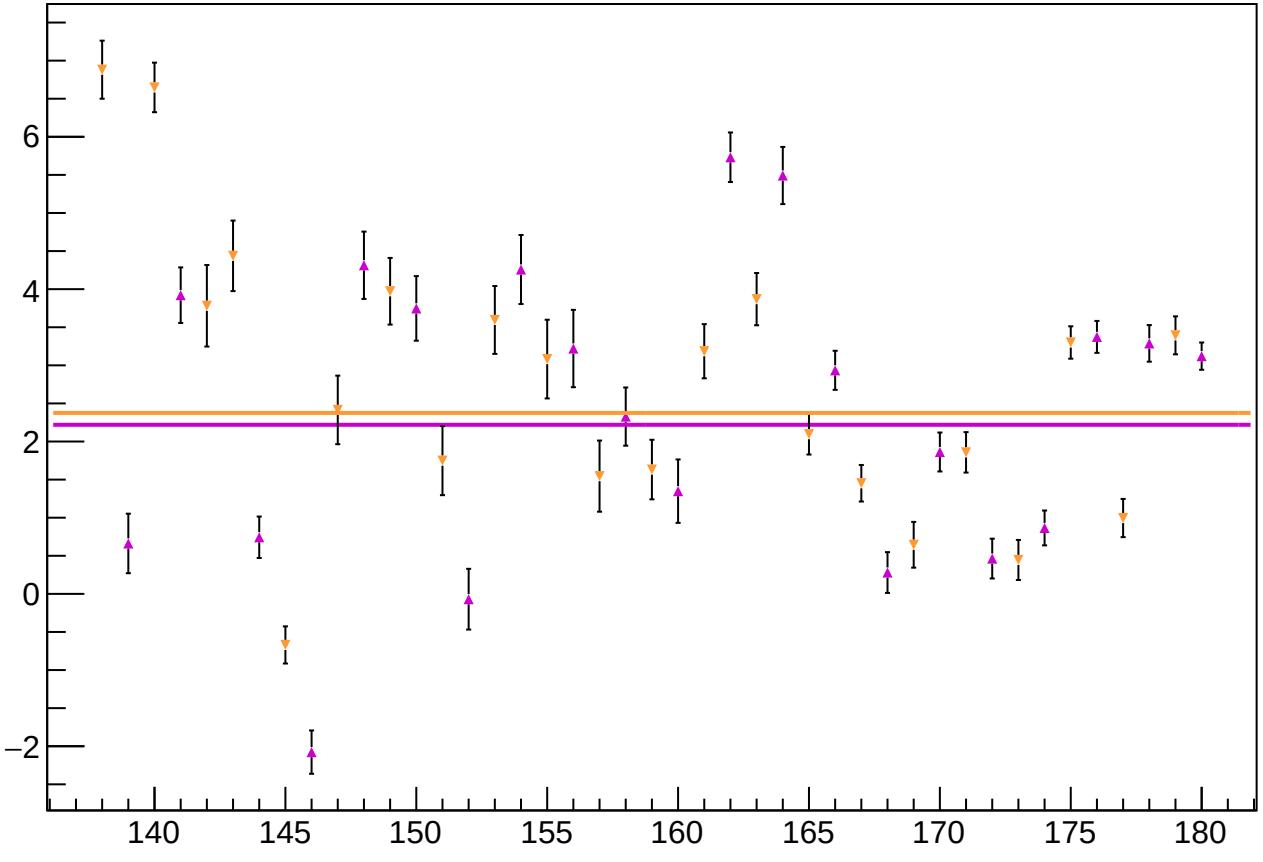
Left In: 0.162+/-0.003 χ^2/NDF:1102.4/20

+ sign 0.148+/-0.003 χ^2/NDF: 1778.8/38

All: 0.141+/-0.002 χ^2/NDF: 4214.3/78

- sign 0.135+/-0.003 χ^2/NDF: 2424.3/39

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: 2.375+/-0.068 χ^2/NDF:723.3/21

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

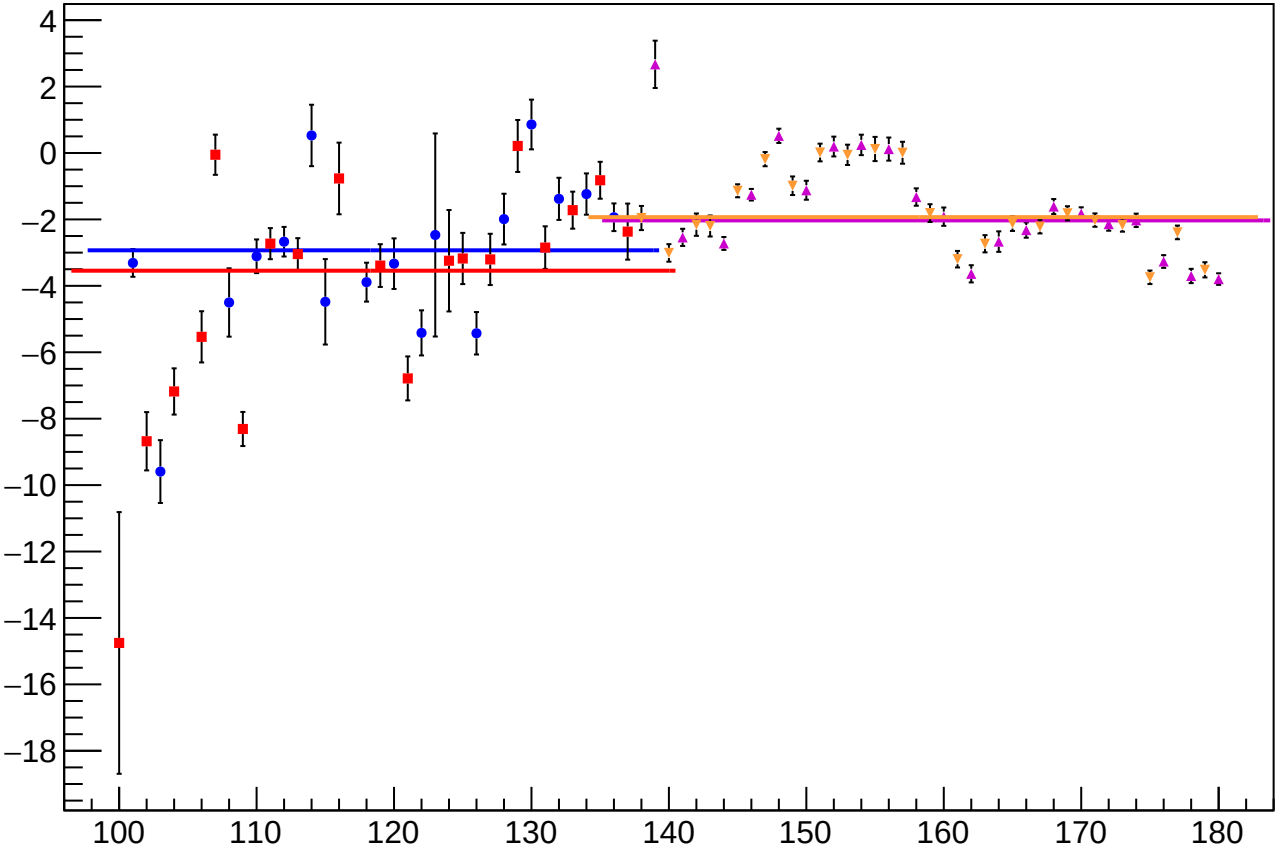
Left In: 2.220+/-0.064 χ^2/NDF:802.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.293+/-0.047 χ^2/NDF: 1528.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.930+/-0.154 χ^2/NDF: 146.5/16

Left Out: -1.932+/-0.052 χ^2/NDF:441.9/21

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

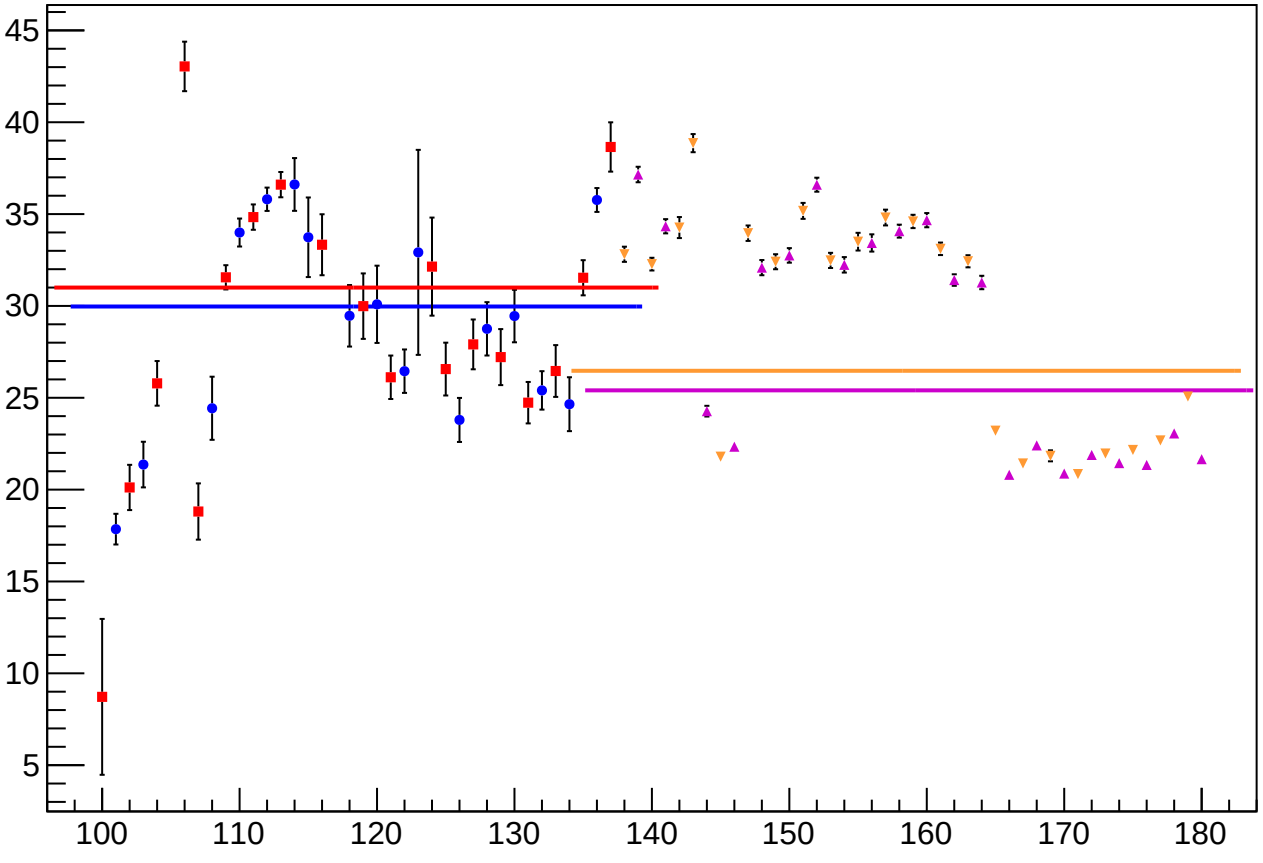
Left In: -2.030+/-0.051 χ^2/NDF:639.5/20

+ sign -2.034+/-0.049 χ^2/NDF: 626.2/38

All: -2.107+/-0.034 χ^2/NDF: 1648.3/78

- sign -2.176+/-0.048 χ^2/NDF: 1017.8/39

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969+/-0.267 χ^2/NDF: 554.3/16

Left Out: 26.469+/-0.068 χ^2/NDF:6791.6/21

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

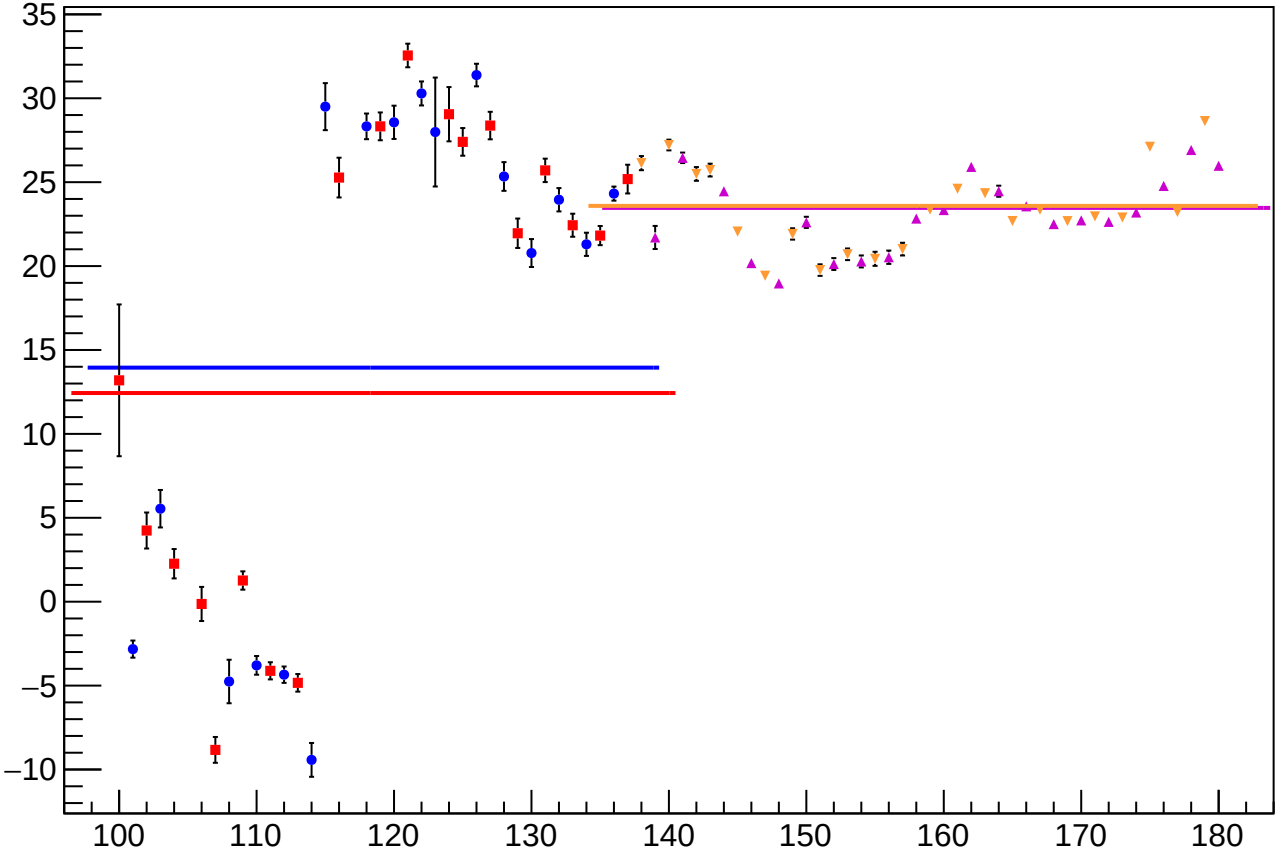
Left In: 25.404+/-0.064 χ^2/NDF:7364.3/20

+ sign 26.681+/-0.066 χ^2/NDF: 7507.6/38

All: 26.175+/-0.045 χ^2/NDF: 15901.0/78

- sign 25.723+/-0.062 χ^2/NDF: 8280.7/39

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.948+/-0.172 χ^2/NDF: 7391.9/16

Left Out: 23.587+/-0.059 χ^2/NDF:1532.7/21

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

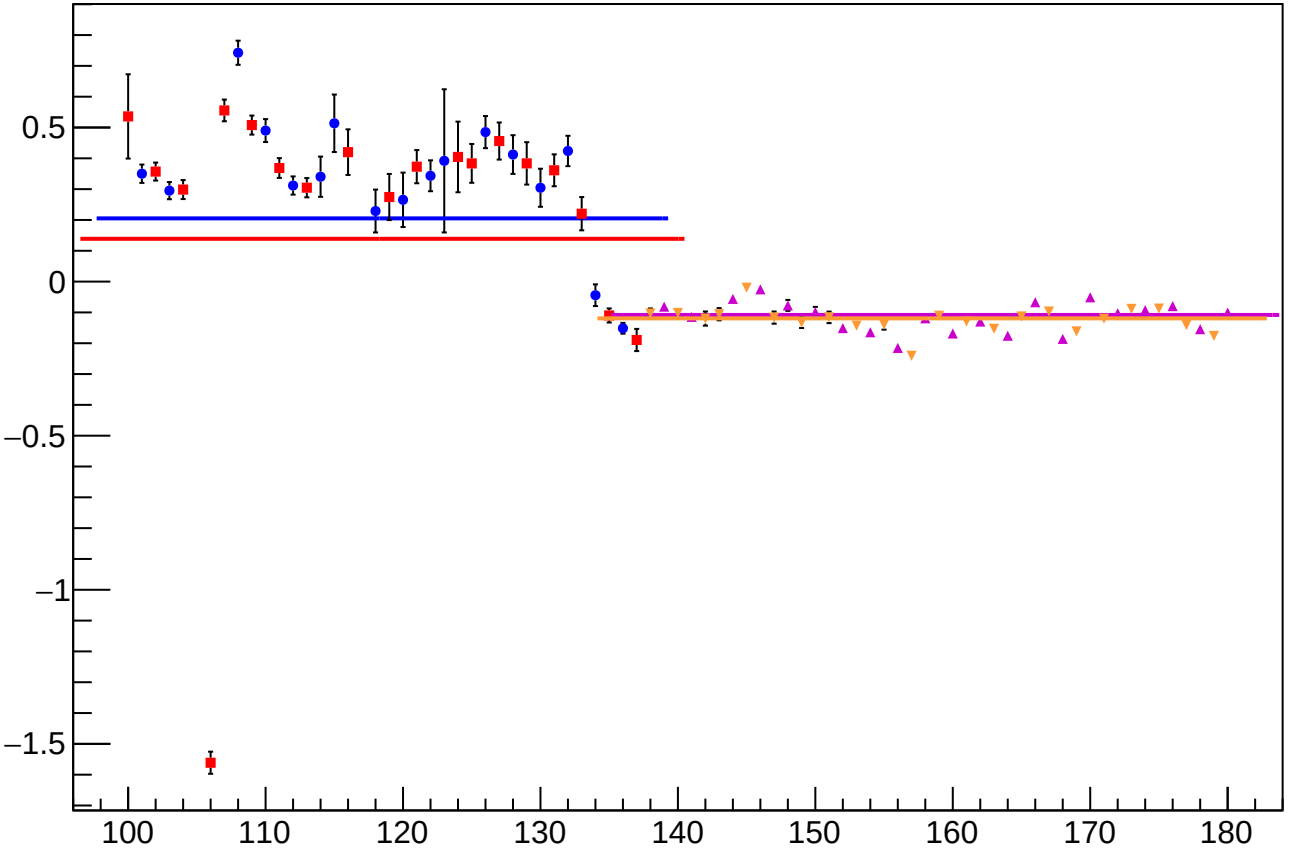
Left In: 23.467+/-0.057 χ^2/NDF:1390.4/20

+ sign 22.584+/-0.055 χ^2/NDF: 11739.7/38

All: 22.491+/-0.039 χ^2/NDF: 23744.4/78

- sign 22.403+/-0.054 χ^2/NDF: 11999.2/39

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205+/-0.009 χ^2/NDF: 846.2/16

Left Out: -0.119+/-0.003 χ^2/NDF:249.8/21

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

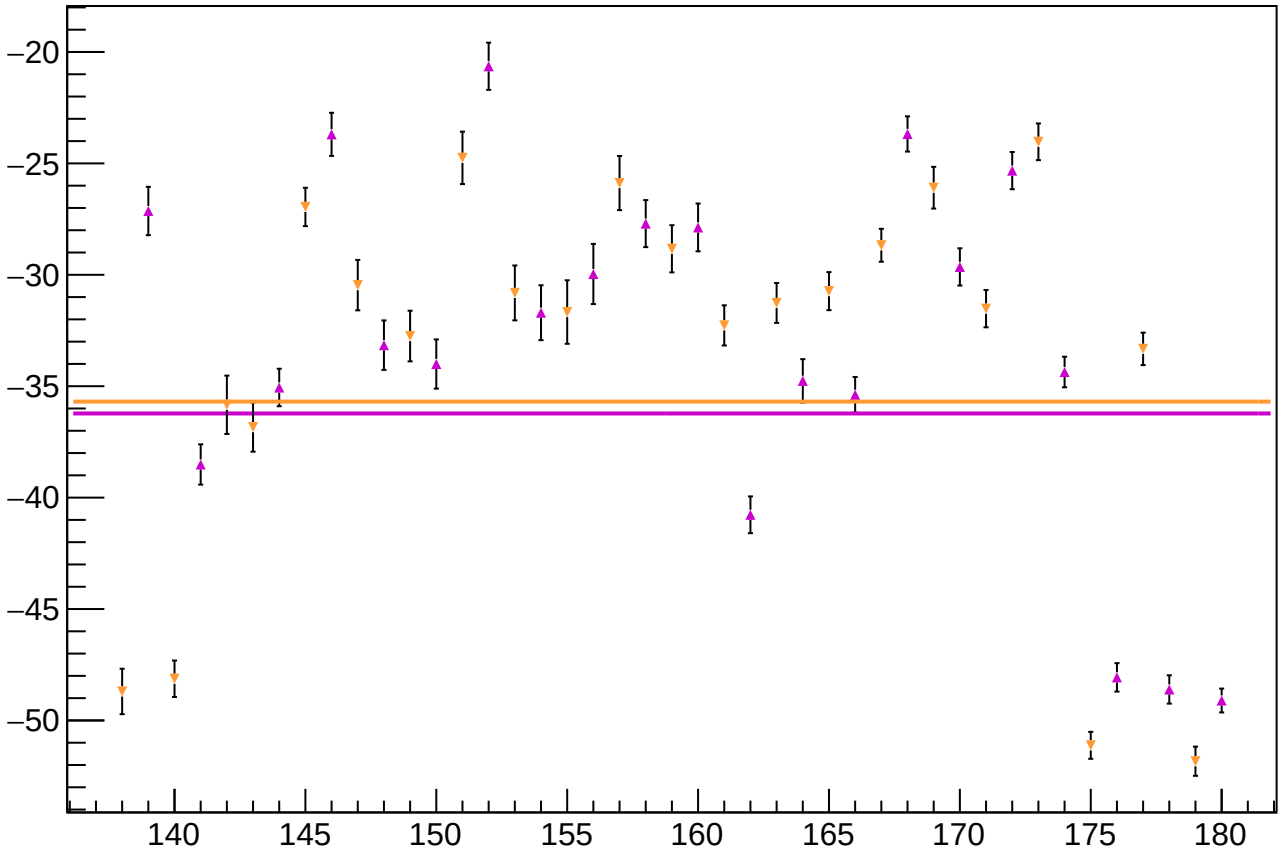
Left In: -0.108+/-0.003 χ^2/NDF:318.2/20

+ sign -0.095+/-0.003 χ^2/NDF: 2205.8/38

All: -0.092+/-0.002 χ^2/NDF: 6211.2/78

- sign -0.090+/-0.002 χ^2/NDF: 4003.8/39

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -35.691+/-0.193 χ^2/NDF:2506.4/21

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

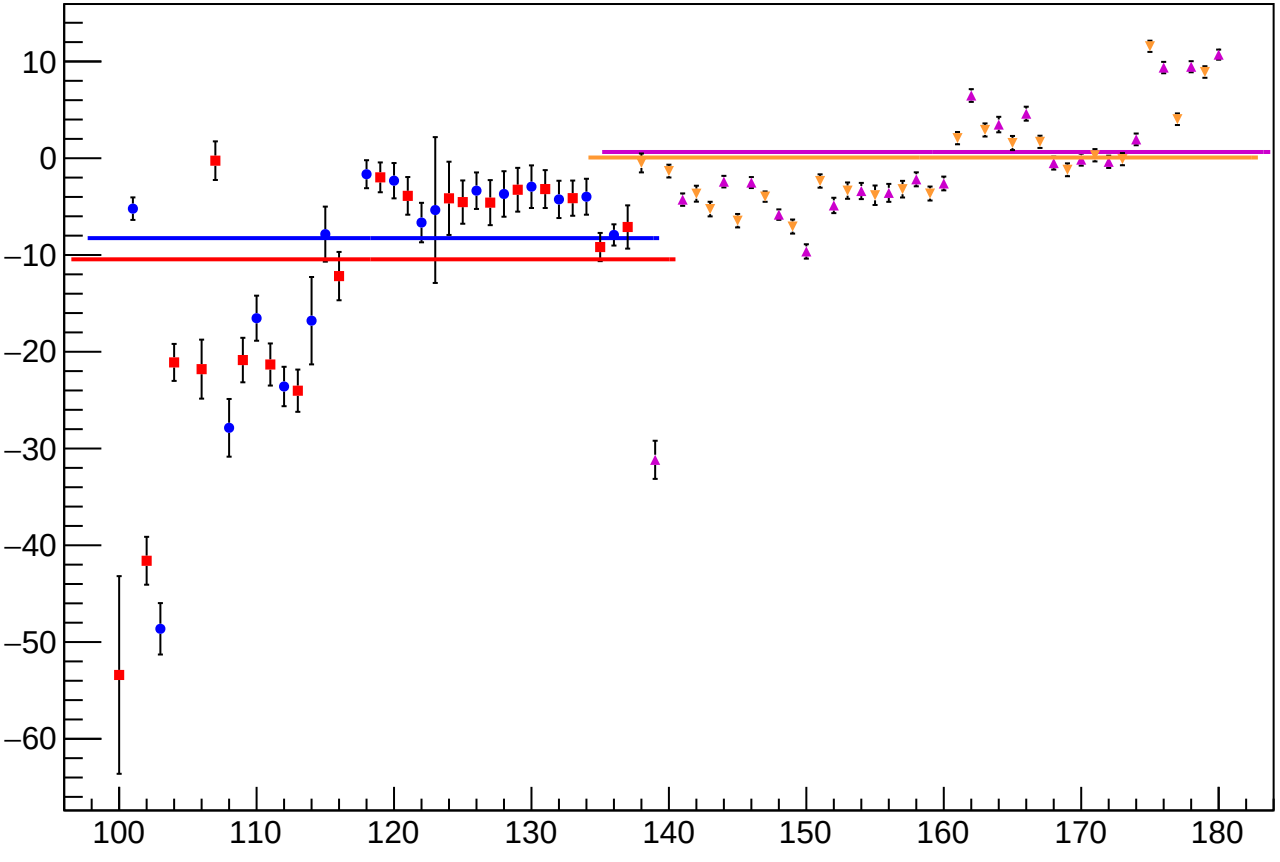
Left In: -36.223+/-0.185 χ^2/NDF:2464.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.968+/-0.134 χ^2/NDF: 4974.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257+/-0.462 χ^2/NDF: 412.1/16

Left Out: 0.075+/-0.147 χ^2/NDF:1096.3/21

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

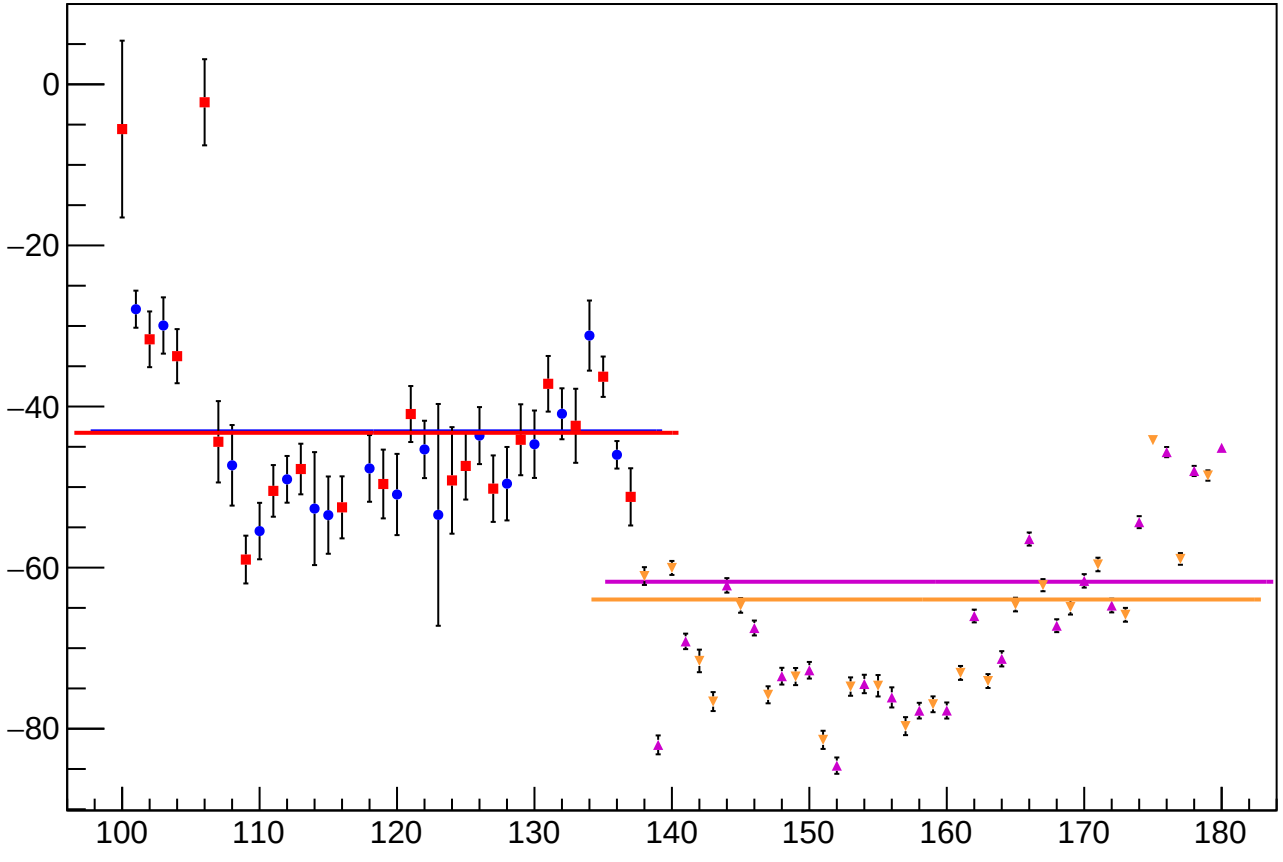
Left In: 0.645+/-0.145 χ^2/NDF:1798.7/20

+ sign -0.687+/-0.140 χ^2/NDF: 1803.8/38

All: -0.467+/-0.099 χ^2/NDF: 4504.6/78

- sign -0.249+/-0.139 χ^2/NDF: 2695.9/39

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082+/-0.834 χ^2/NDF: 99.2/16

Left Out: -63.958+/-0.192 χ^2/NDF:3121.4/21

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

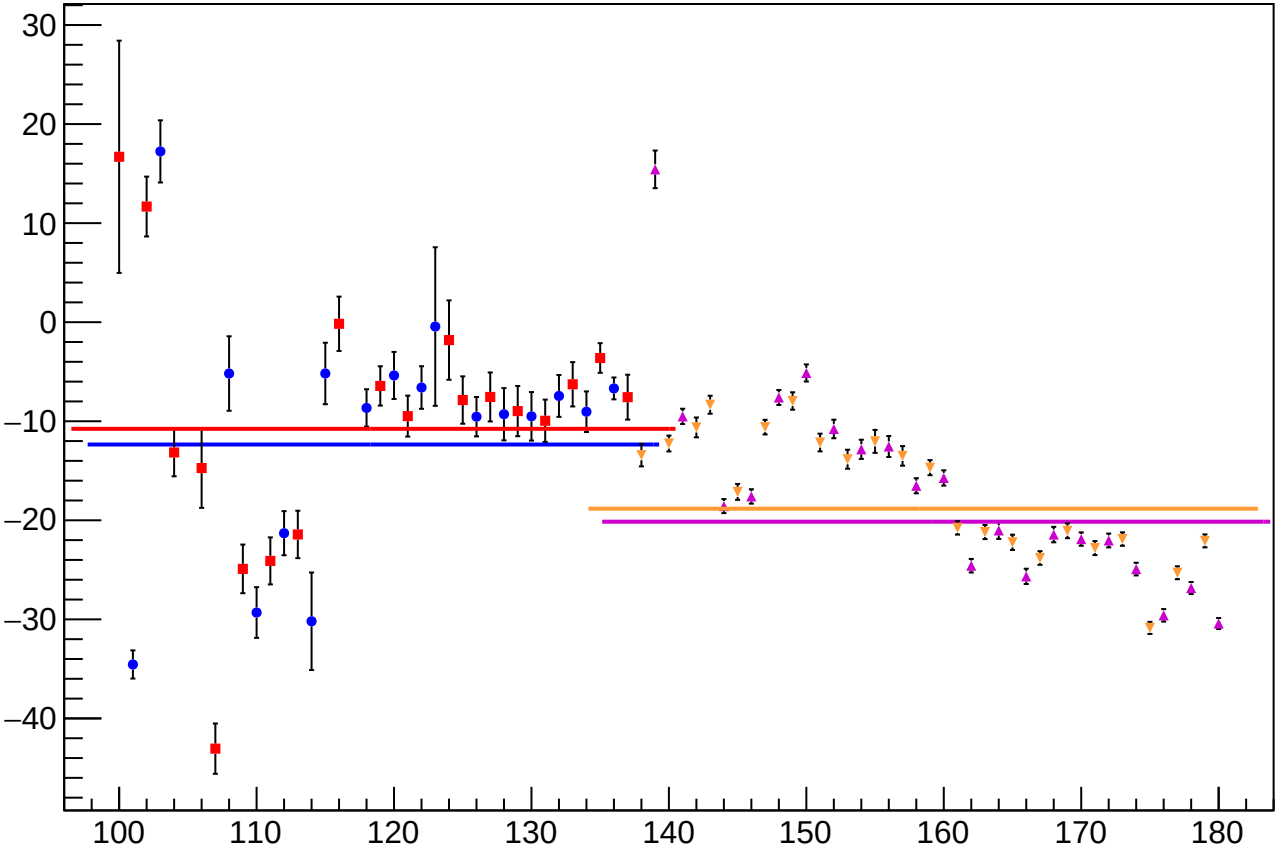
Left In: -61.754+/-0.184 χ^2/NDF:4354.9/20

+ sign -62.906+/-0.187 χ^2/NDF: 3815.2/38

All: -61.893+/-0.130 χ^2/NDF: 8816.5/78

- sign -60.953+/-0.180 χ^2/NDF: 4944.8/39

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348+/-0.520 χ^2/NDF: 475.9/16

Left Out: -18.827+/-0.166 χ^2/NDF:1411.0/21

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

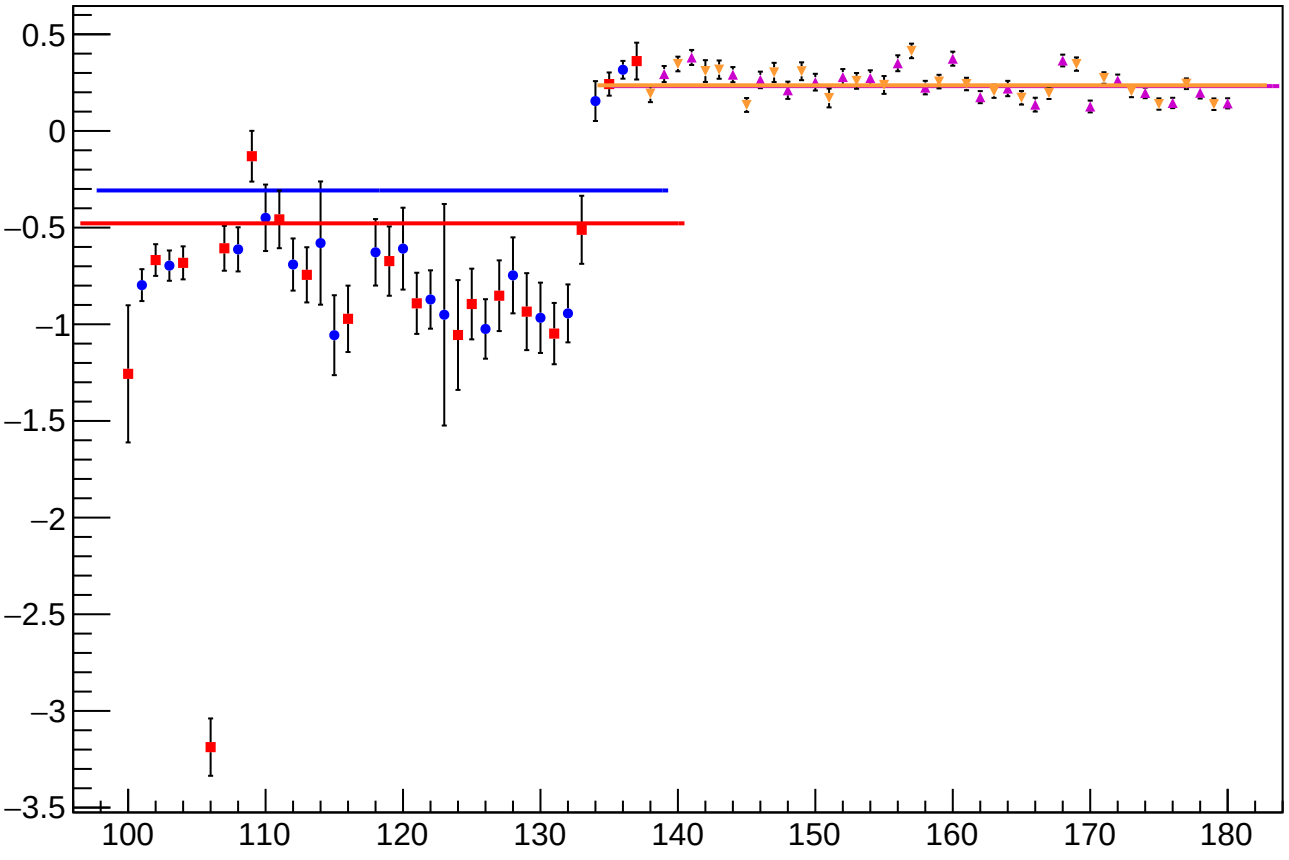
Left In: -20.140+/-0.164 χ^2/NDF:2252.8/20

+ sign -18.227+/-0.158 χ^2/NDF: 2027.9/38

All: -18.812+/-0.111 χ^2/NDF: 4938.3/78

- sign -19.387+/-0.157 χ^2/NDF: 2883.2/39

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.308+/-0.028 χ^2/NDF: 372.4/16

Left Out: 0.236+/-0.008 χ^2/NDF:91.5/21

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

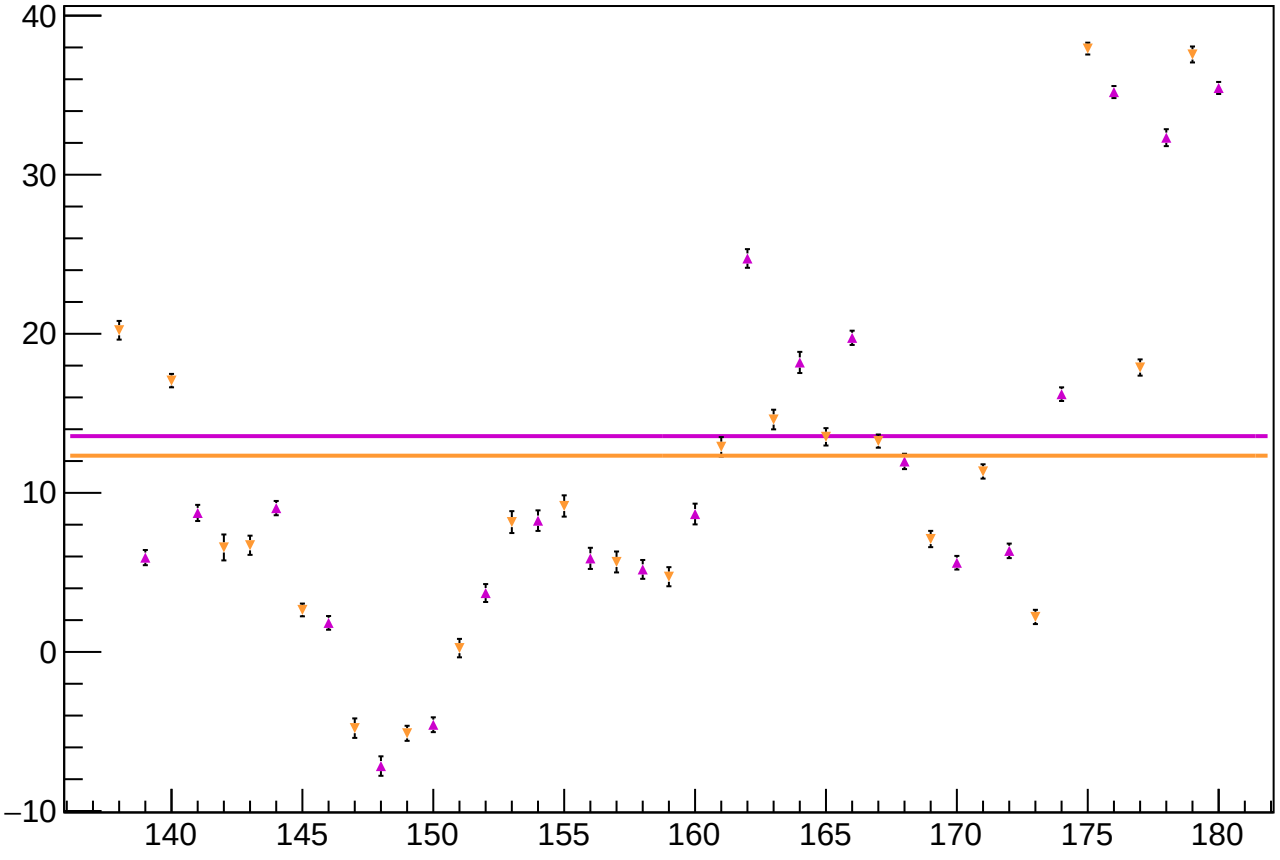
Left In: 0.232+/-0.007 χ^2/NDF:113.4/20

+ sign 0.197+/-0.007 χ^2/NDF: 826.4/38

All: 0.191+/-0.005 χ^2/NDF: 2150.8/78

- sign 0.186+/-0.007 χ^2/NDF: 1323.4/39

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 12.337+/-0.111 χ^2/NDF:11921.4/21

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

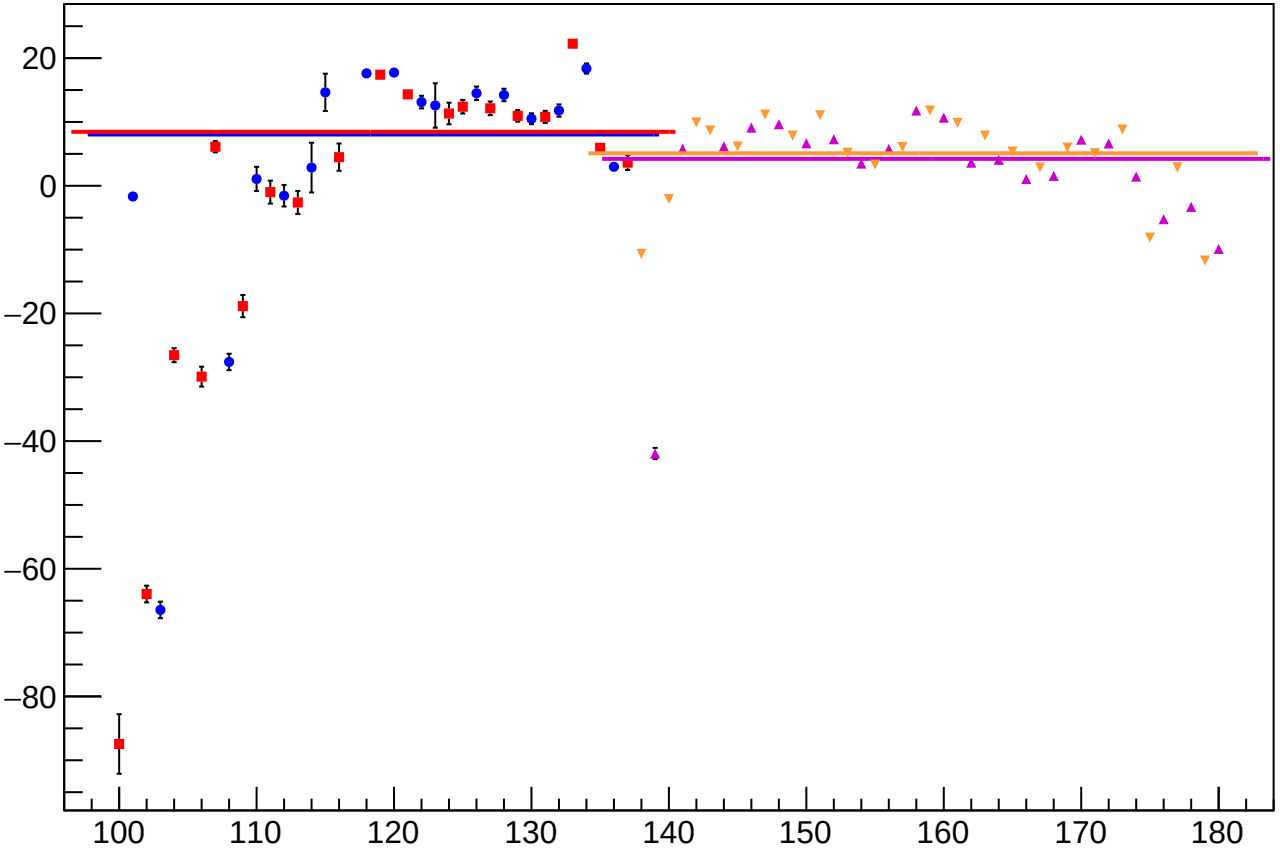
Left In: 13.566+/-0.108 χ^2/NDF:13711.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 12.969+/-0.077 χ^2/NDF: 25696.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036+/-0.215 χ^2/NDF: 5369.4/16

Left Out: 5.092+/-0.083 χ^2/NDF:5400.0/21

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

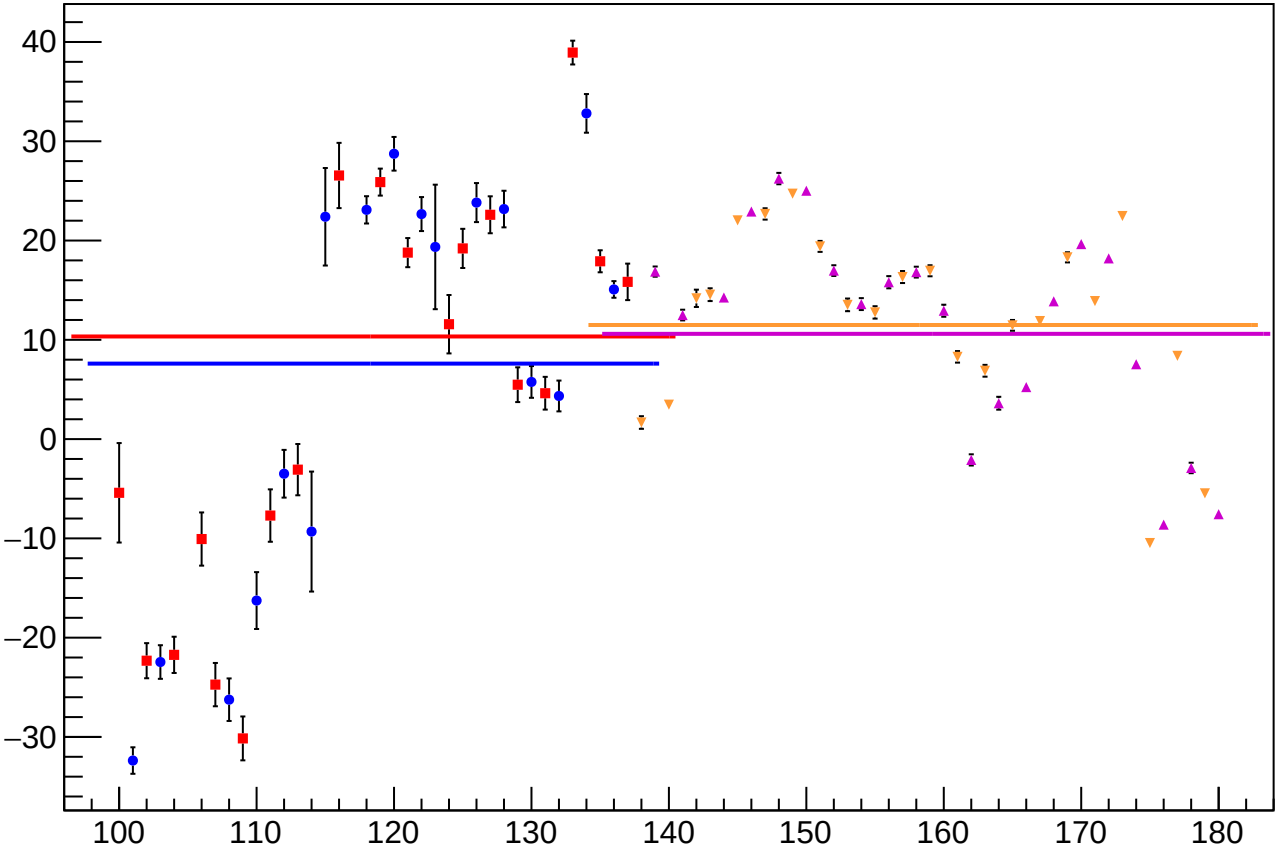
Left In: 4.219+/-0.083 χ^2/NDF:6842.4/20

+ sign 5.475+/-0.078 χ^2/NDF: 10932.3/38

All: 5.128+/-0.055 χ^2/NDF: 24861.0/78

- sign 4.780+/-0.078 χ^2/NDF: 13888.7/39

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604+/-0.416 χ^2/NDF: 2325.0/16

Left Out: 11.494+/-0.110 χ^2/NDF:8397.5/21

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

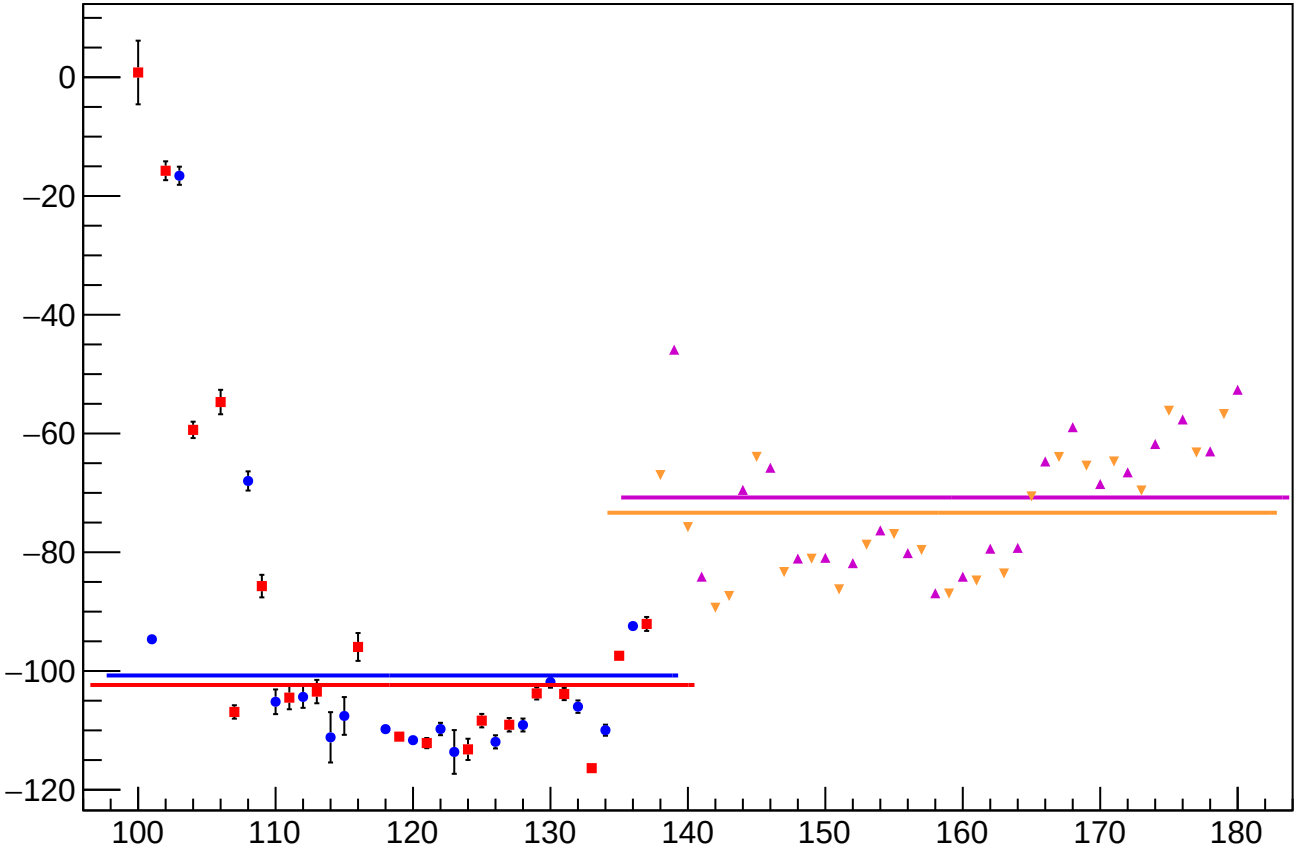
Left In: 10.603+/-0.107 χ^2/NDF:10484.2/20

+ sign 11.238+/-0.107 χ^2/NDF: 10804.2/38

All: 10.903+/-0.074 χ^2/NDF: 23589.9/78

- sign 10.586+/-0.104 χ^2/NDF: 12766.4/39

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753+/-0.248 χ^2/NDF: 4522.6/16

Left Out: -73.345+/-0.095 χ^2/NDF:11658.0/21

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

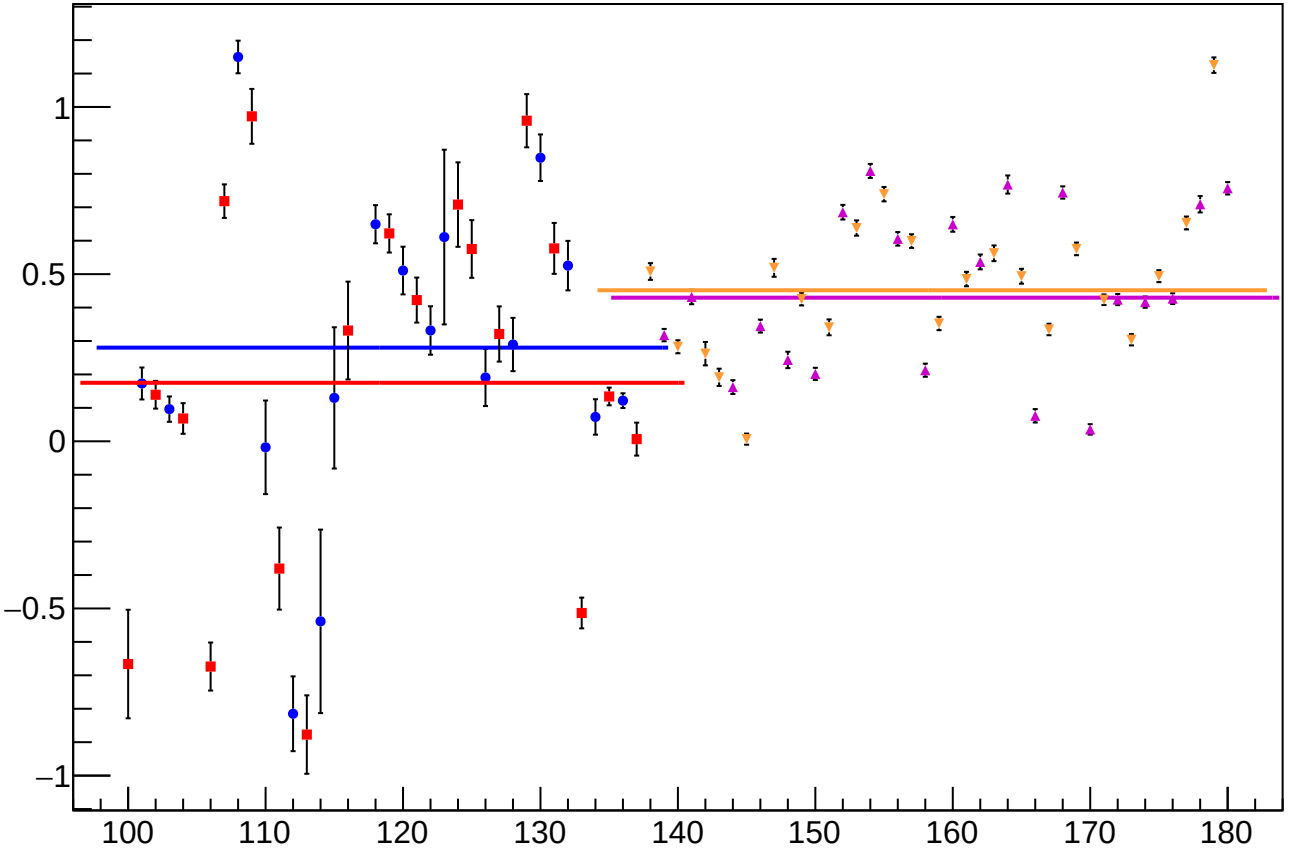
Left In: -70.775+/-0.094 χ^2/NDF:12093.5/20

+ sign -76.845+/-0.089 χ^2/NDF: 26834.0/38

All: -75.832+/-0.063 χ^2/NDF: 59603.5/78

- sign -74.829+/-0.088 χ^2/NDF: 32509.6/39

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280+/-0.013 χ^2/NDF: 656.0/16

Left Out: 0.452+/-0.004 χ^2/NDF:2433.6/21

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

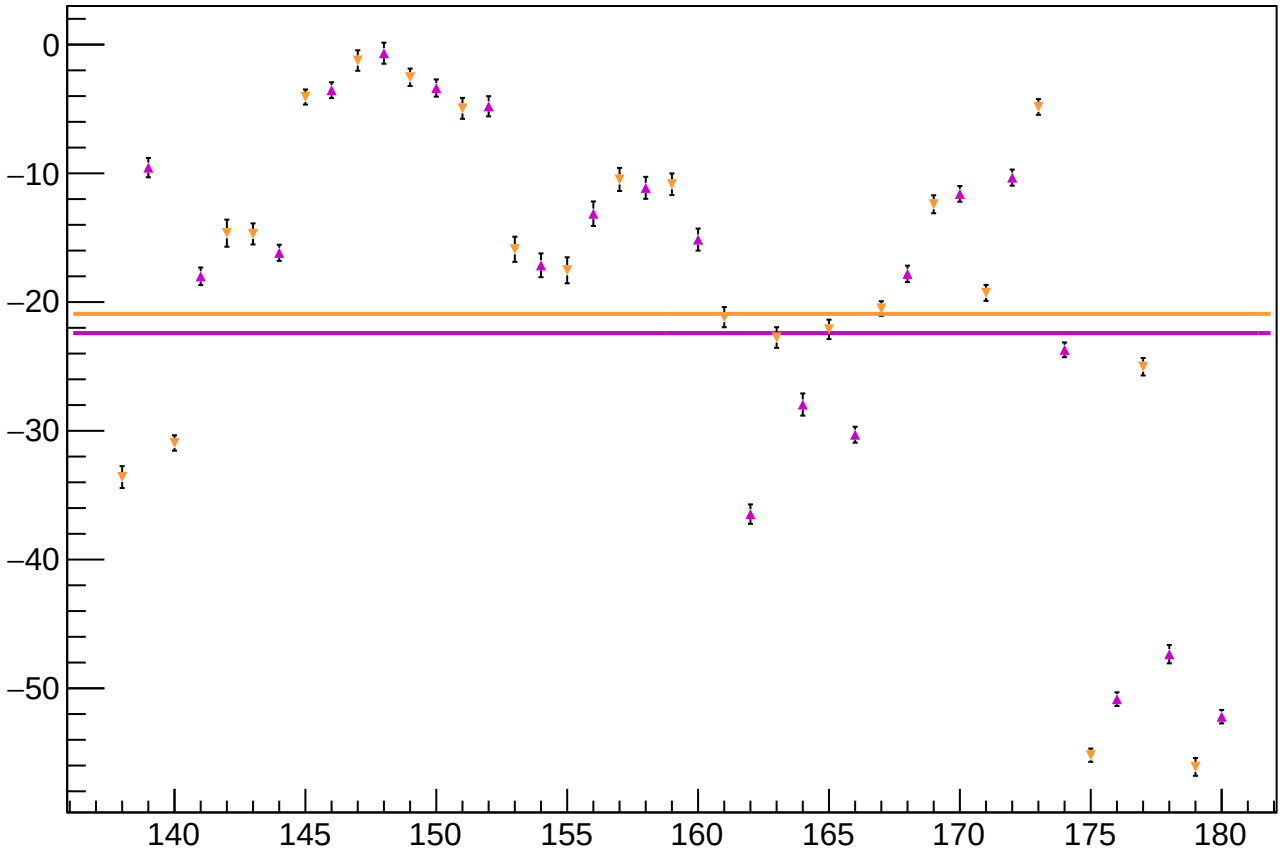
Left In: 0.430+/-0.004 χ^2/NDF:3050.1/20

+ sign 0.435+/-0.004 χ^2/NDF: 3236.4/38

All: 0.420+/-0.003 χ^2/NDF: 7604.0/78

- sign 0.406+/-0.004 χ^2/NDF: 4342.4/39

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -20.914+/-0.153 χ^2/NDF:11315.0/21

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

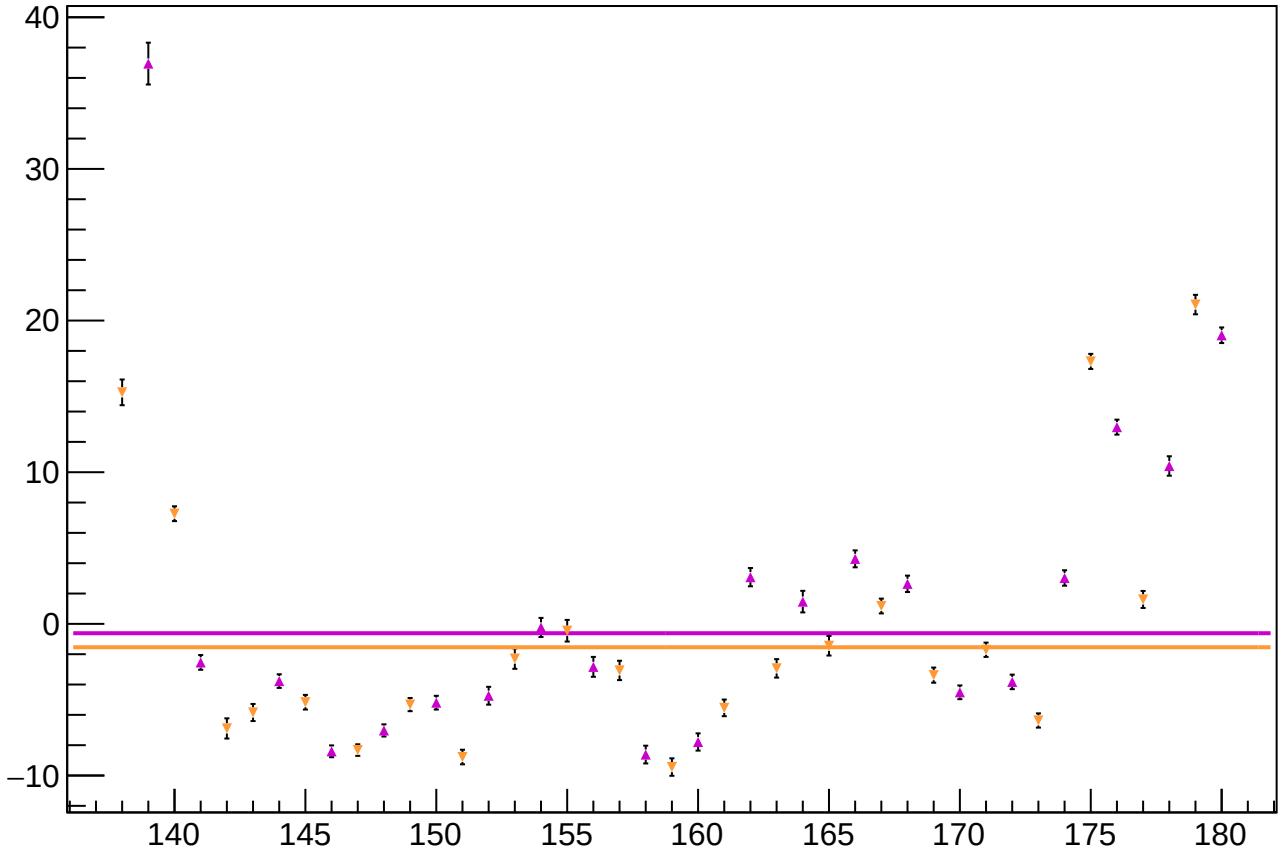
Left In: -22.405+/-0.149 χ^2/NDF:12368.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.679+/-0.107 χ^2/NDF: 23732.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -1.543+/-0.114 χ^2/NDF:4624.9/21

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

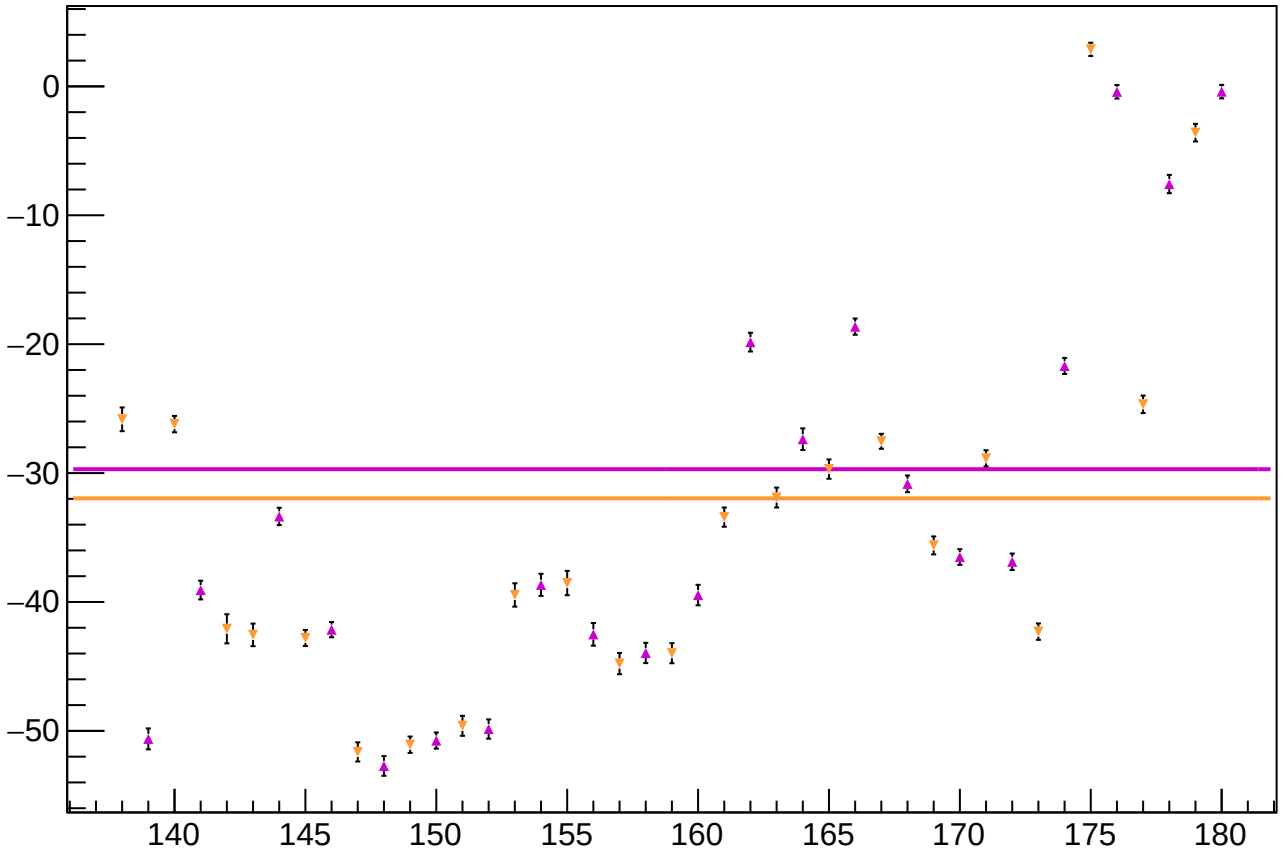
Left In: -0.617+/-0.115 χ^2/NDF:4809.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.082+/-0.081 χ^2/NDF: 9467.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -31.960+/-0.152 χ^2/NDF:10128.4/21

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

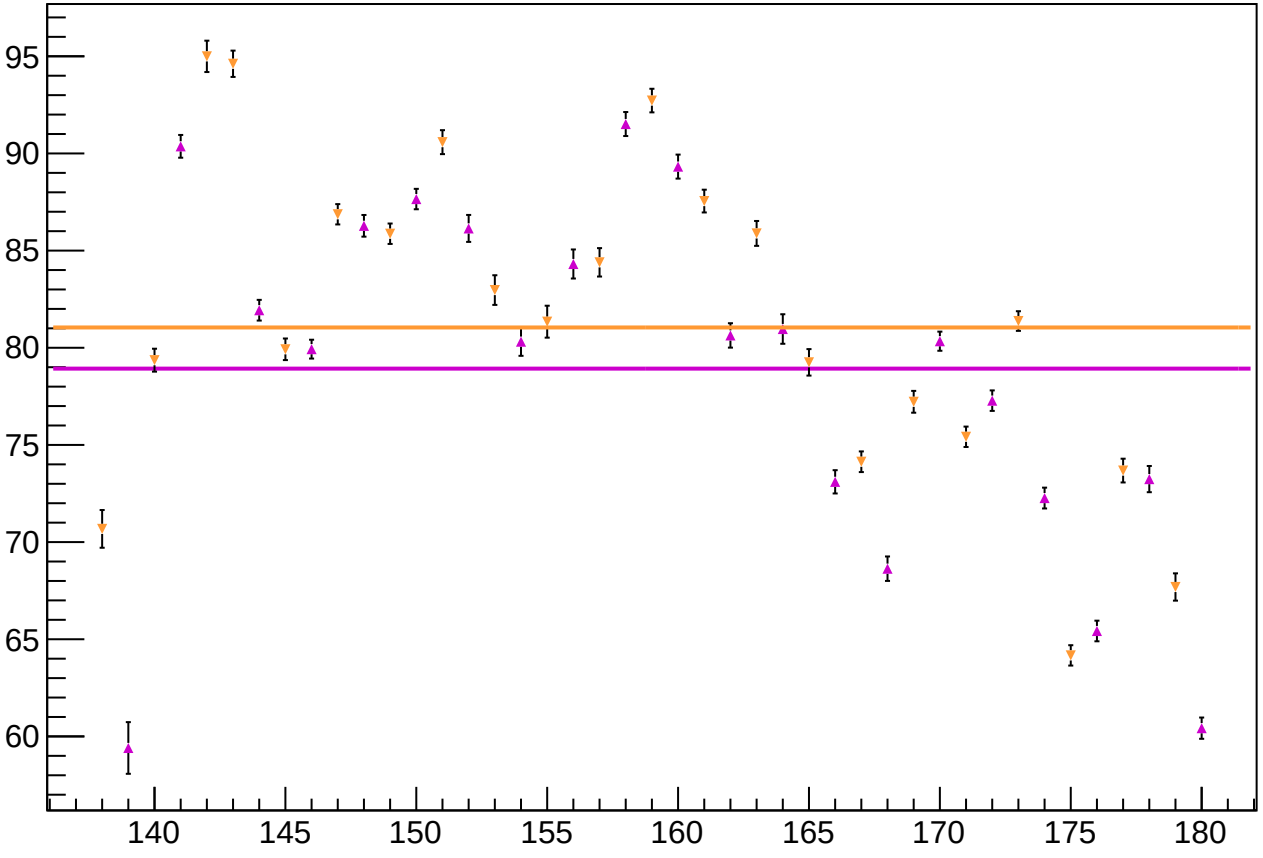
Left In: -29.699+/-0.148 χ^2/NDF:12993.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -30.799+/-0.106 χ^2/NDF: 23235.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 81.045+/-0.131 χ^2/NDF:3735.4/21

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

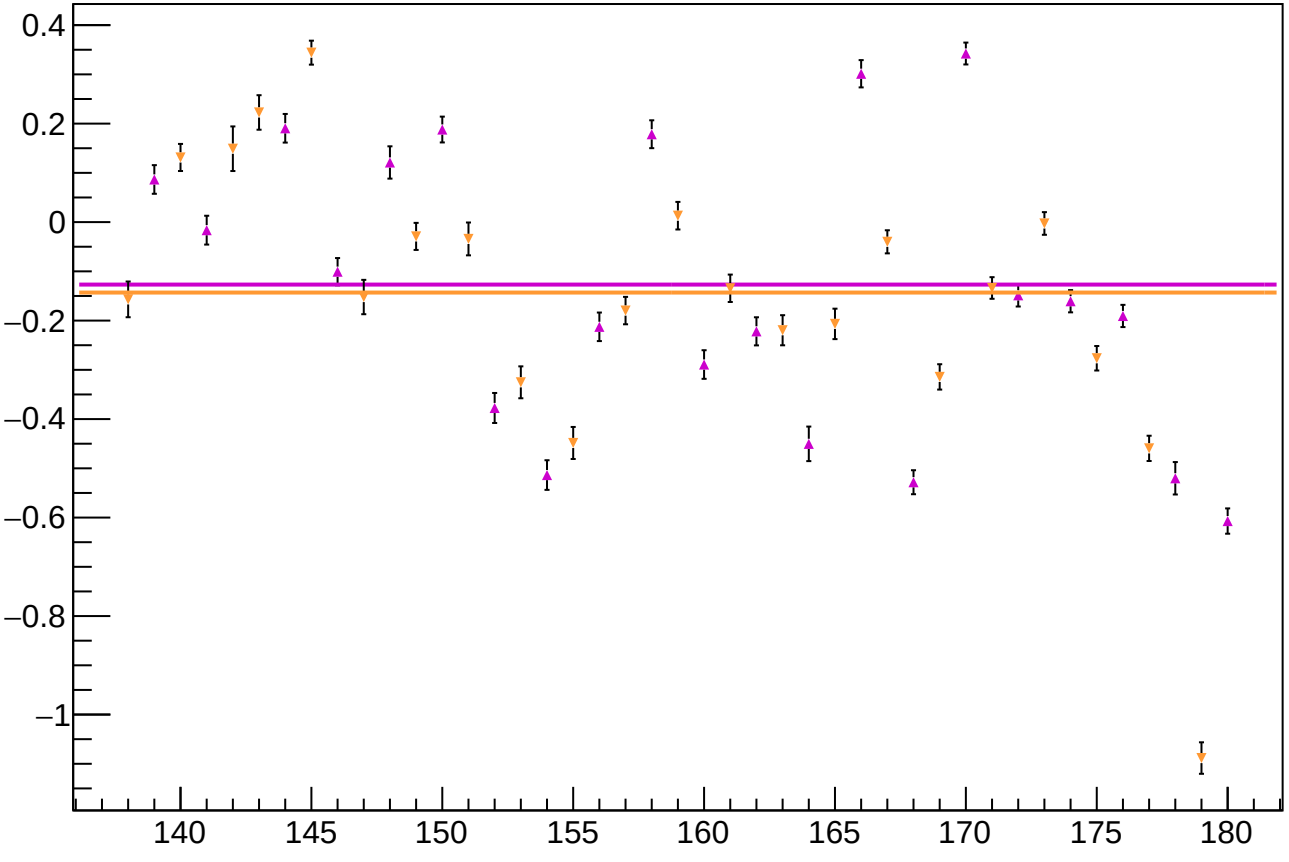
Left In: 78.927+/-0.130 χ^2/NDF:4355.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 79.983+/-0.092 χ^2/NDF: 8223.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: -0.143+/-0.006 χ^2/NDF:1997.5/21

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

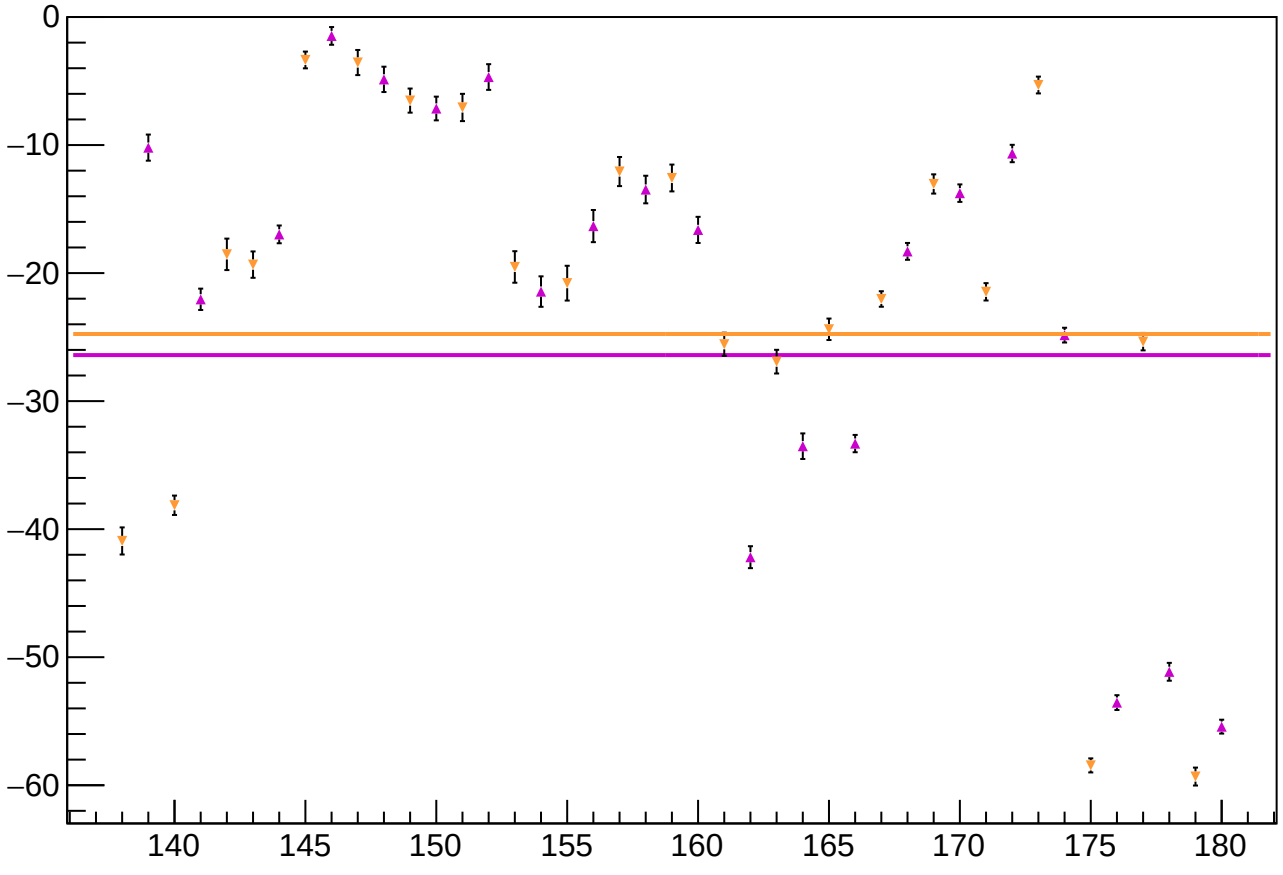
Left In: -0.127+/-0.006 χ^2/NDF:2334.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.135+/-0.004 χ^2/NDF: 4335.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -24.757+/-0.175 χ^2/NDF:10442.9/21

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

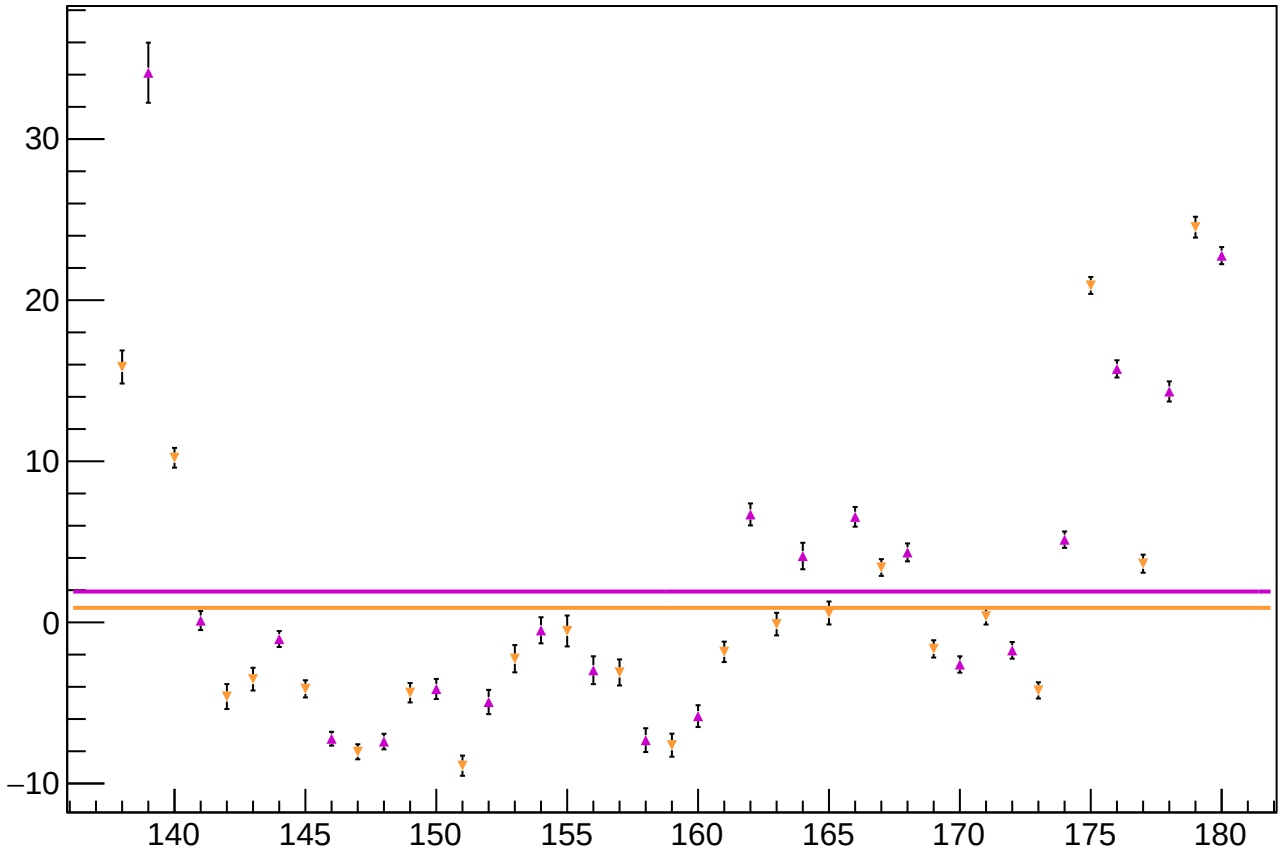
Left In: -26.404+/-0.168 χ^2/NDF:11312.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -25.613+/-0.121 χ^2/NDF: 21802.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 0.903+/-0.132 χ^2/NDF:4461.9/21

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

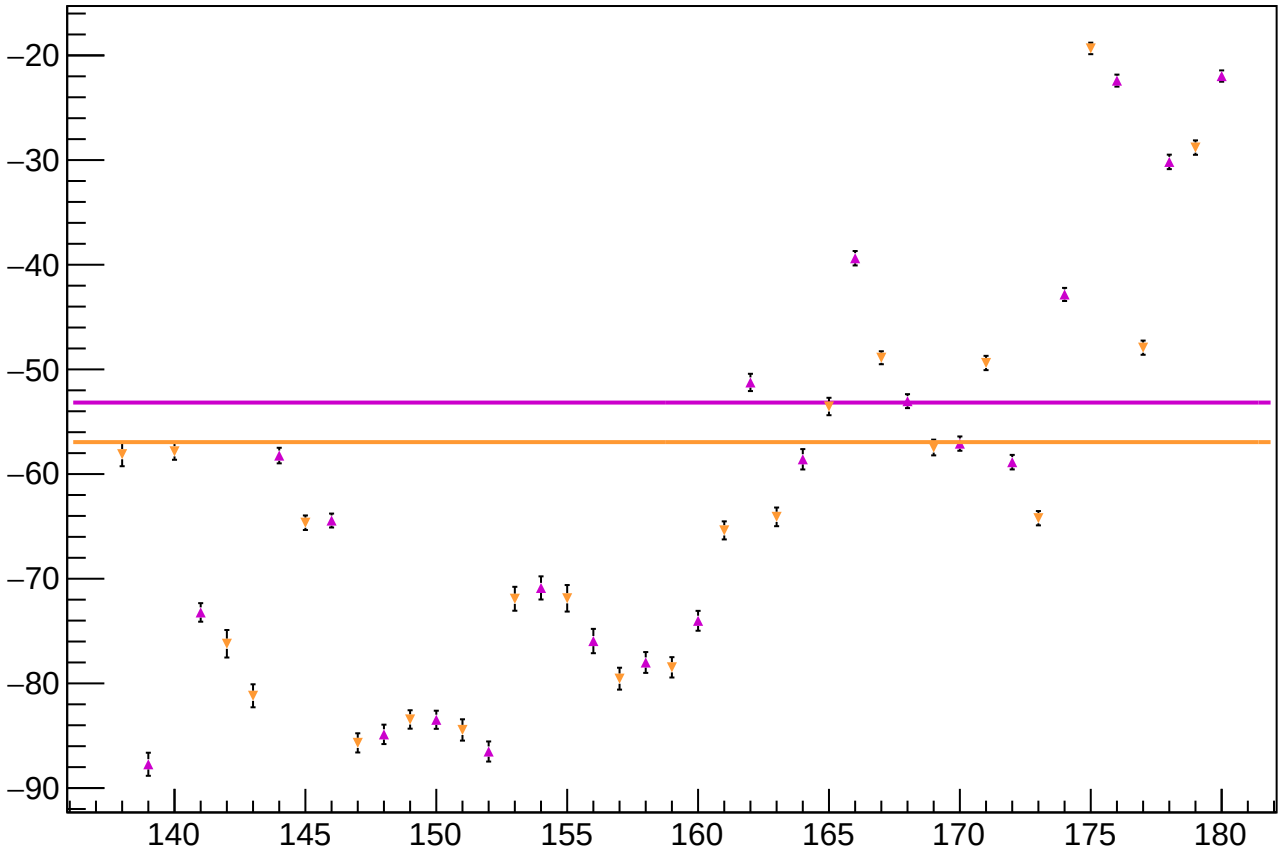
Left In: 1.915+/-0.130 χ^2/NDF:4581.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.415+/-0.093 χ^2/NDF: 9072.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -56.948+/-0.174 χ^2/NDF:11809.8/21

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

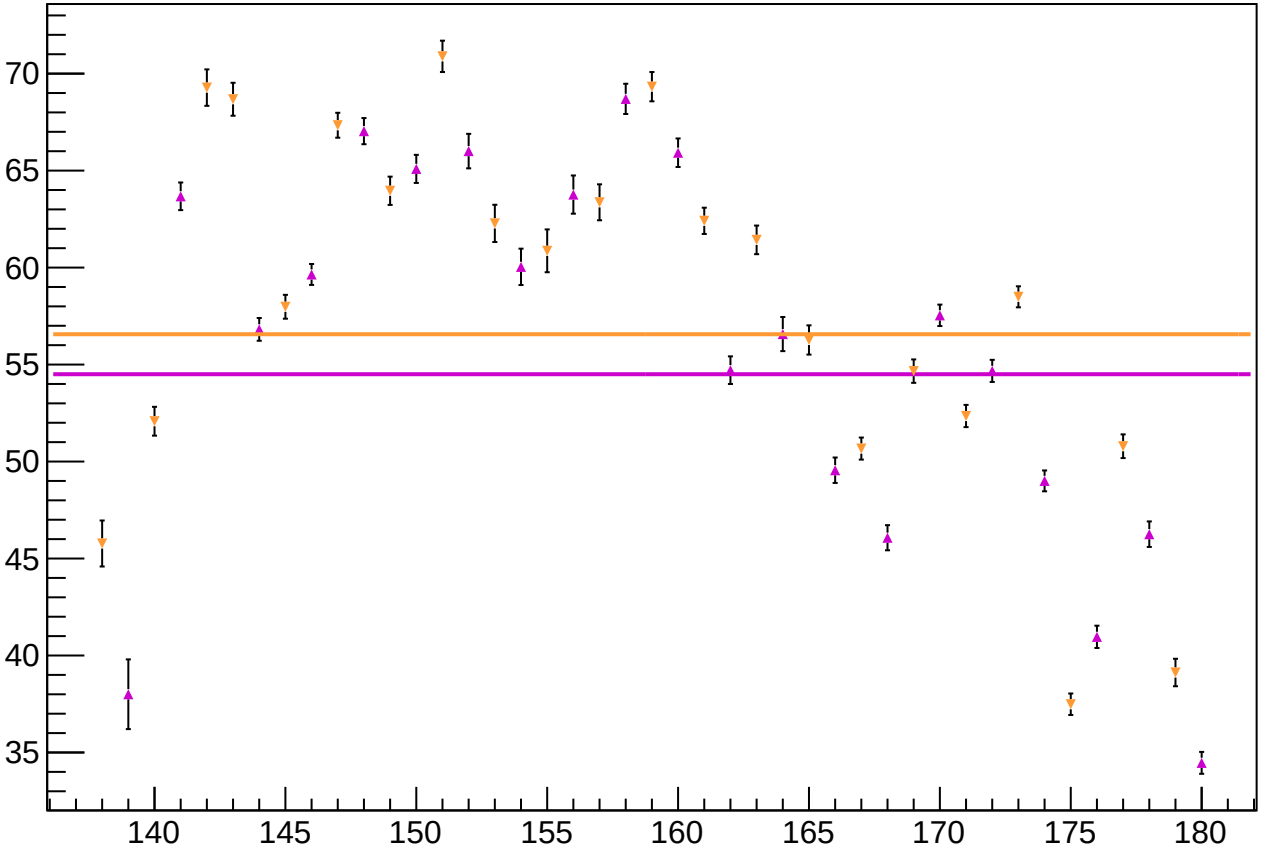
Left In: -53.169+/-0.168 χ^2/NDF:15312.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -54.982+/-0.121 χ^2/NDF: 27365.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 56.563+/-0.150 χ^2/NDF:3786.9/21

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

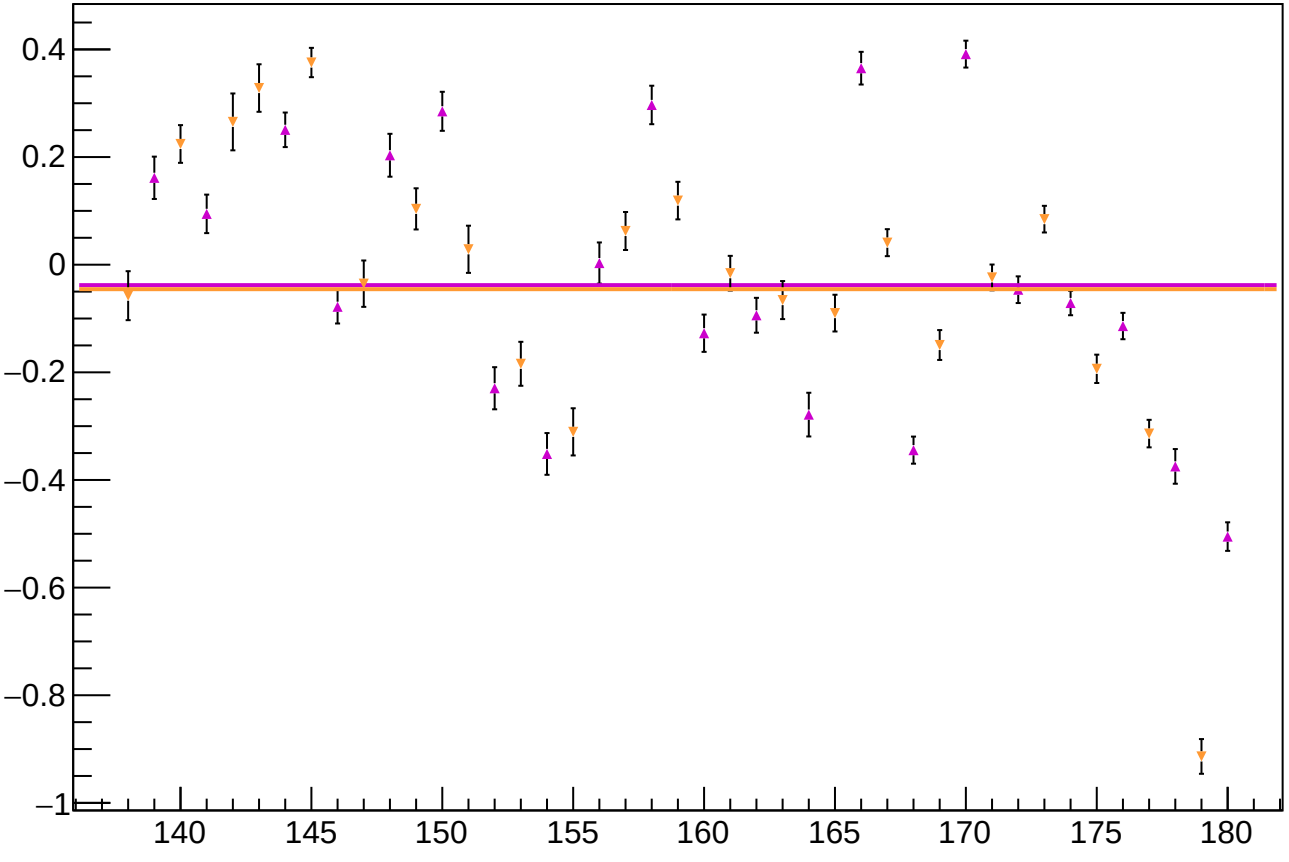
Left In: 54.502+/-0.148 χ^2/NDF:4118.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 55.515+/-0.105 χ^2/NDF: 8000.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



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

Left Out: -0.045+/-0.007 χ^2/NDF:1425.3/21

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

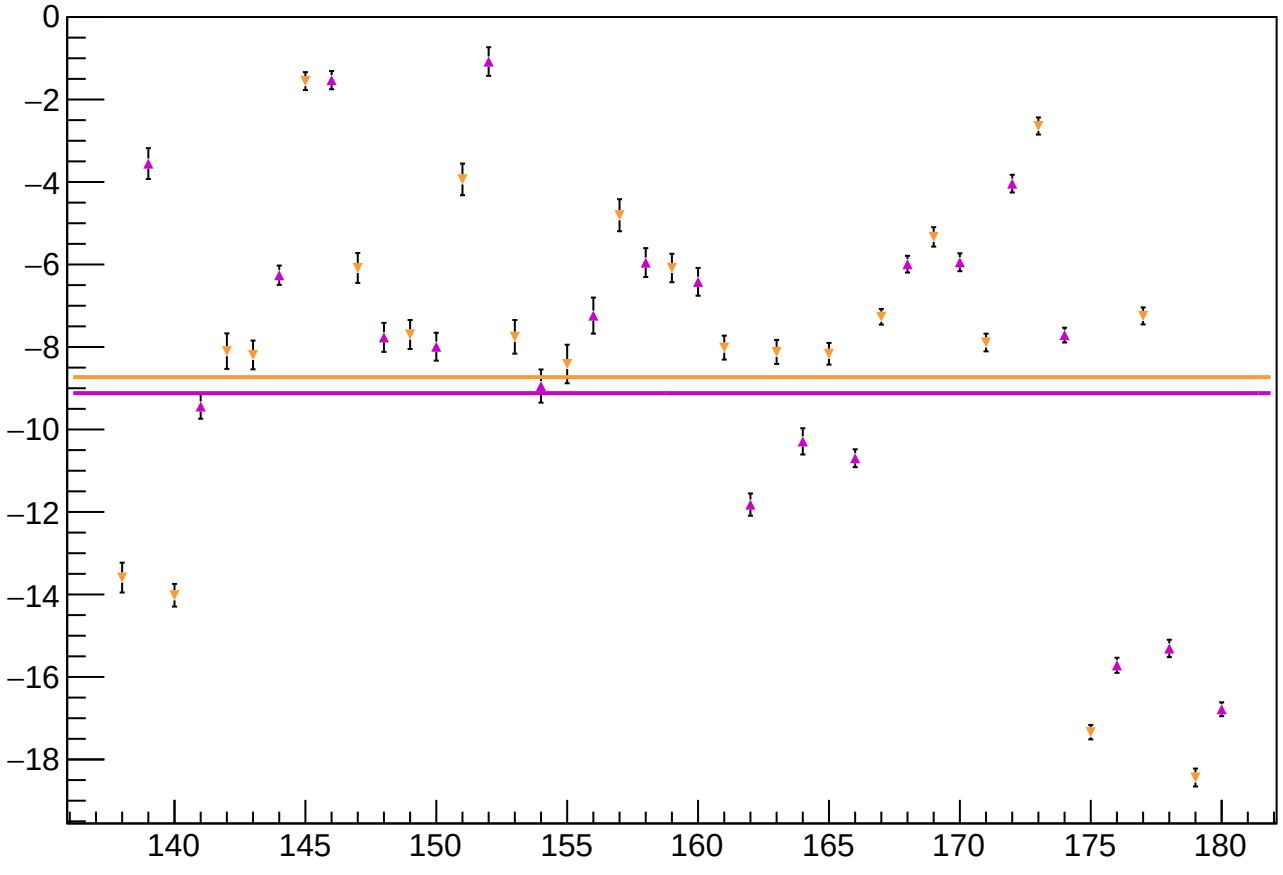
Left In: -0.038+/-0.007 χ^2/NDF:1511.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.042+/-0.005 χ^2/NDF: 2937.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



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

Left Out: -8.731+/-0.057 χ^2/NDF:7693.0/21

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

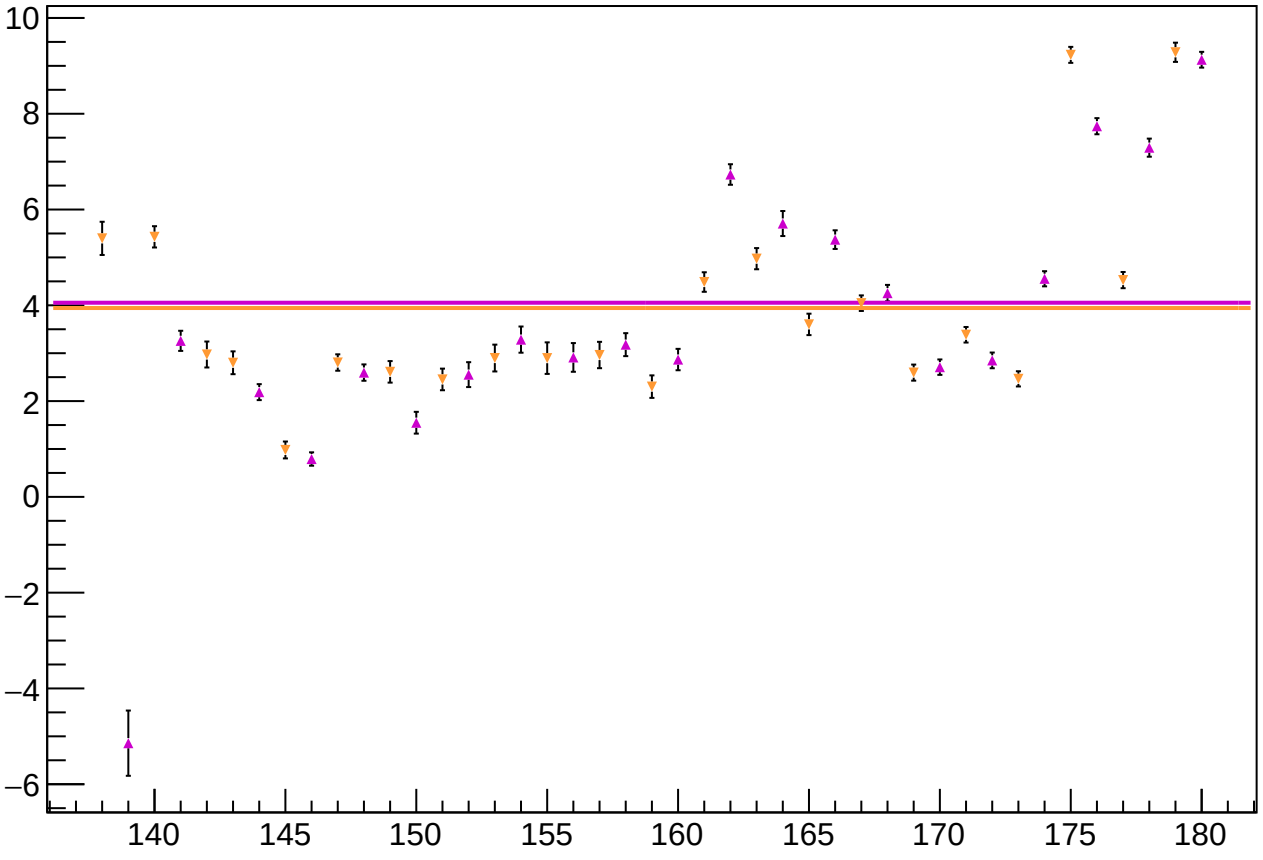
Left In: -9.119+/-0.054 χ^2/NDF:7756.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.934+/-0.039 χ^2/NDF: 15474.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 3.943+/-0.043 χ^2/NDF:2508.3/21

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

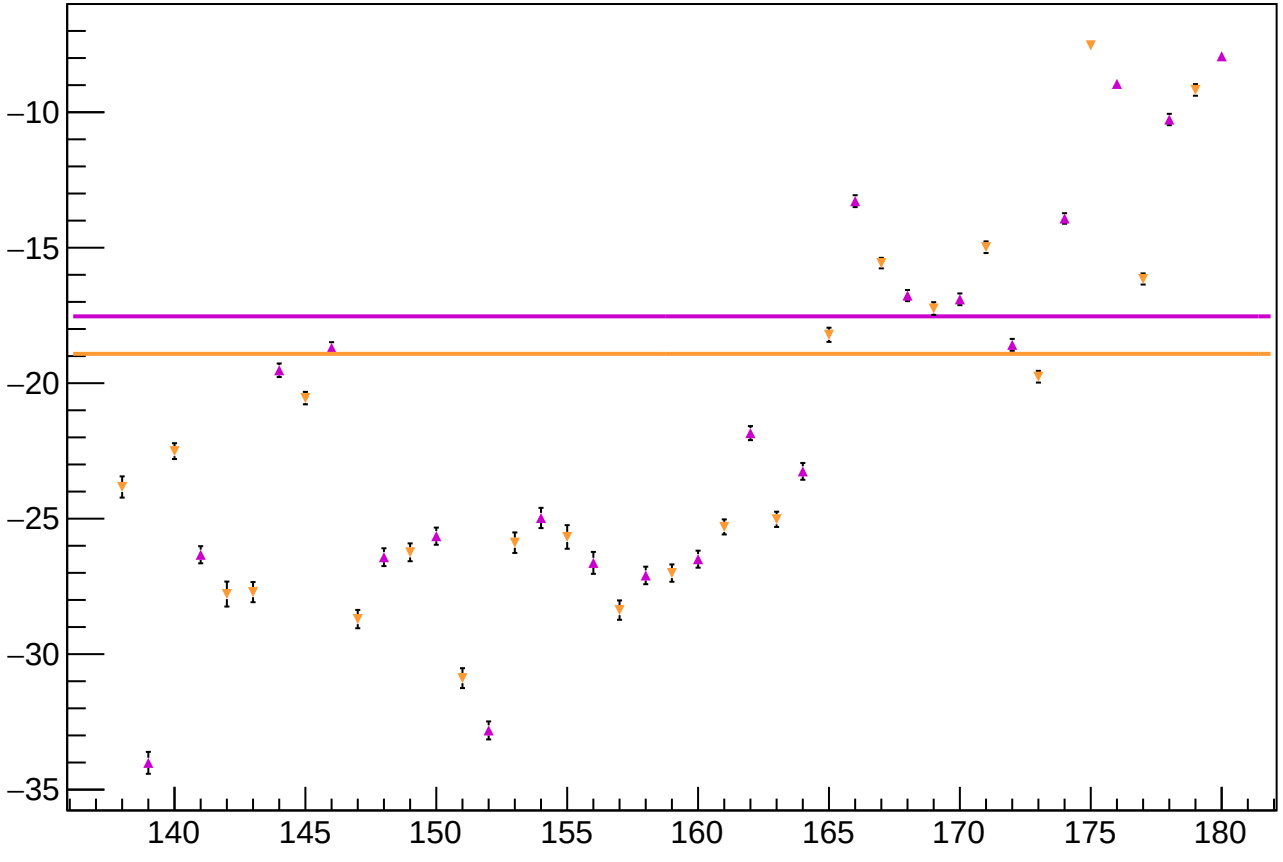
Left In: 4.054+/-0.042 χ^2/NDF:3260.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.000+/-0.030 χ^2/NDF: 5772.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -18.917+/-0.057 χ^2/NDF:13817.9/21

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

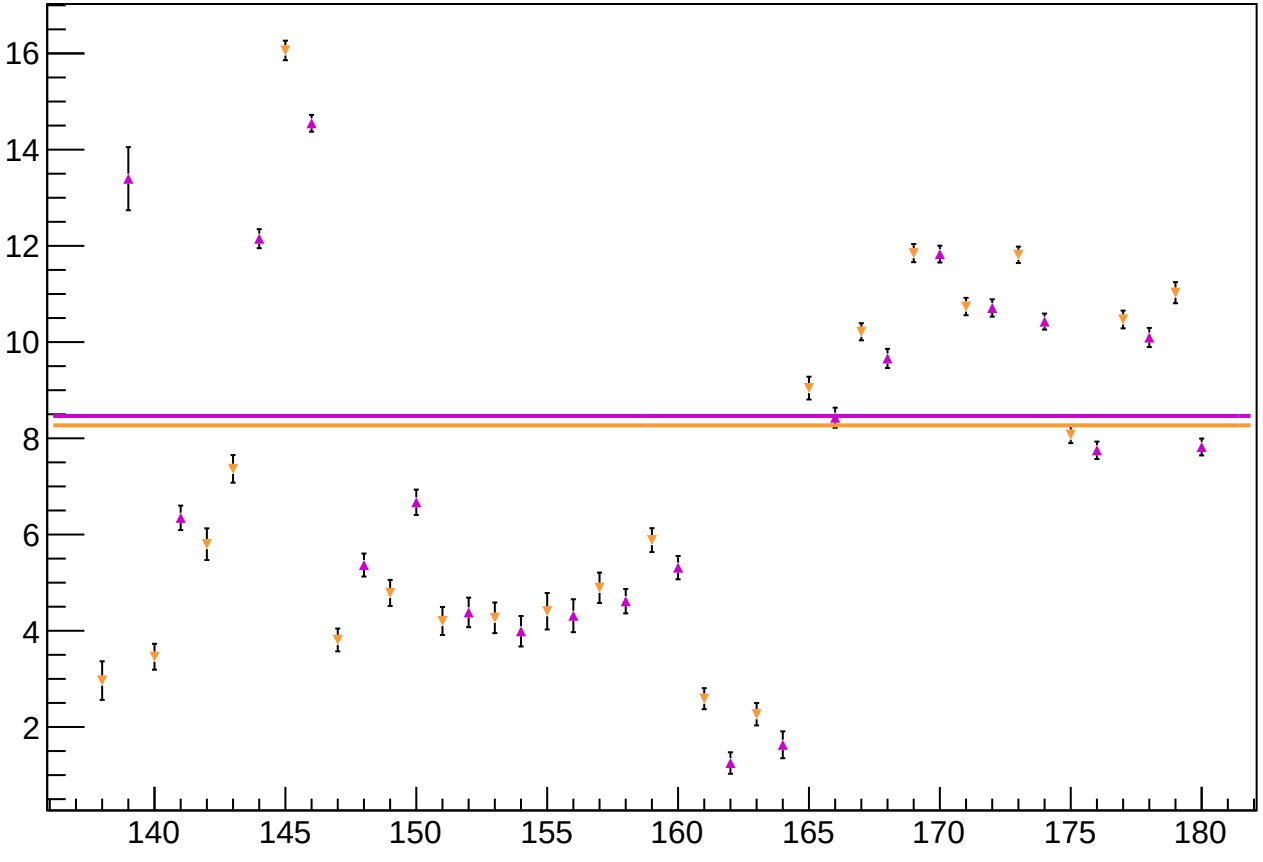
Left In: -17.533+/-0.054 χ^2/NDF:16739.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -18.191+/-0.039 χ^2/NDF: 30869.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 8.270+/-0.049 χ^2/NDF:5965.9/21

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

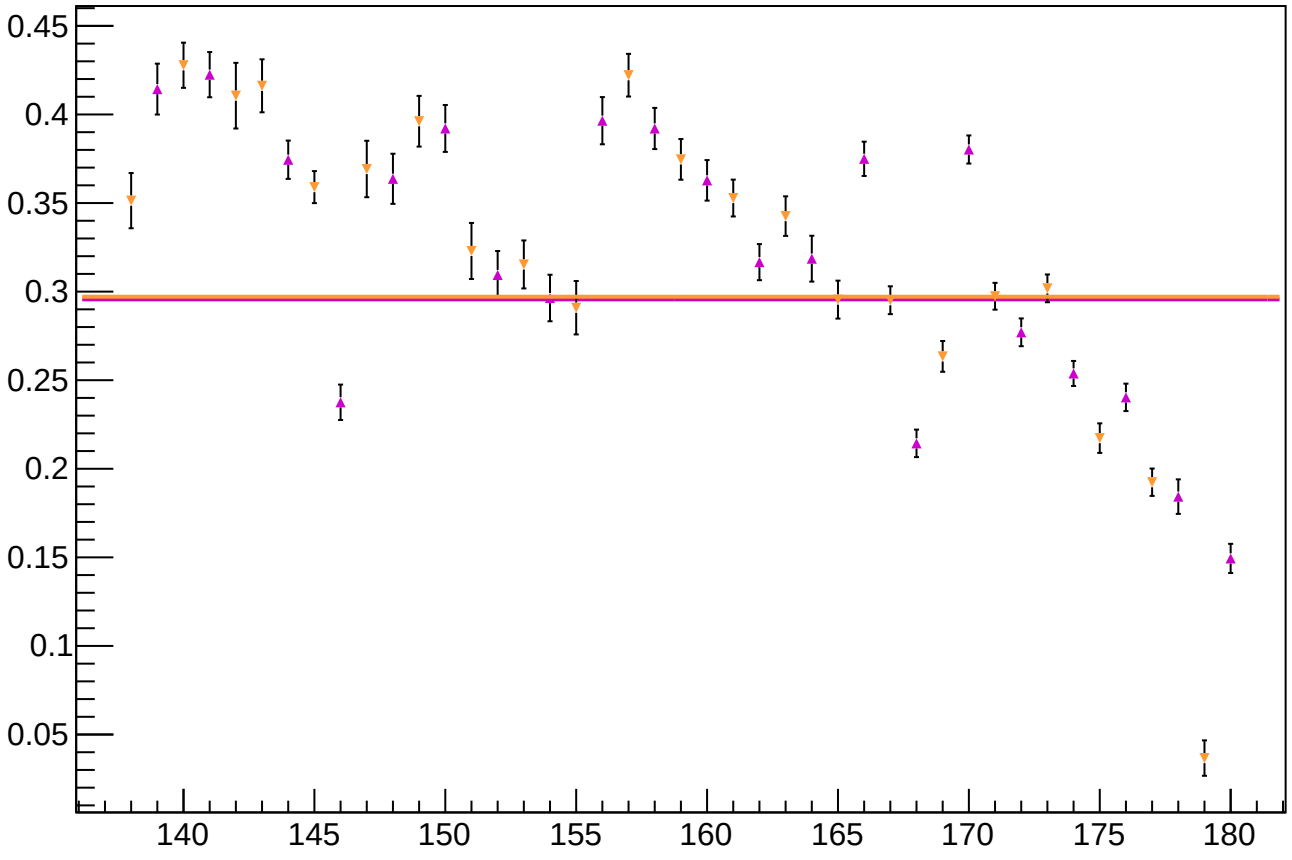
Left In: 8.465+/-0.048 χ^2/NDF:5255.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.370+/-0.034 χ^2/NDF: 11229.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.297+/-0.002 χ^2/NDF:1505.1/21

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

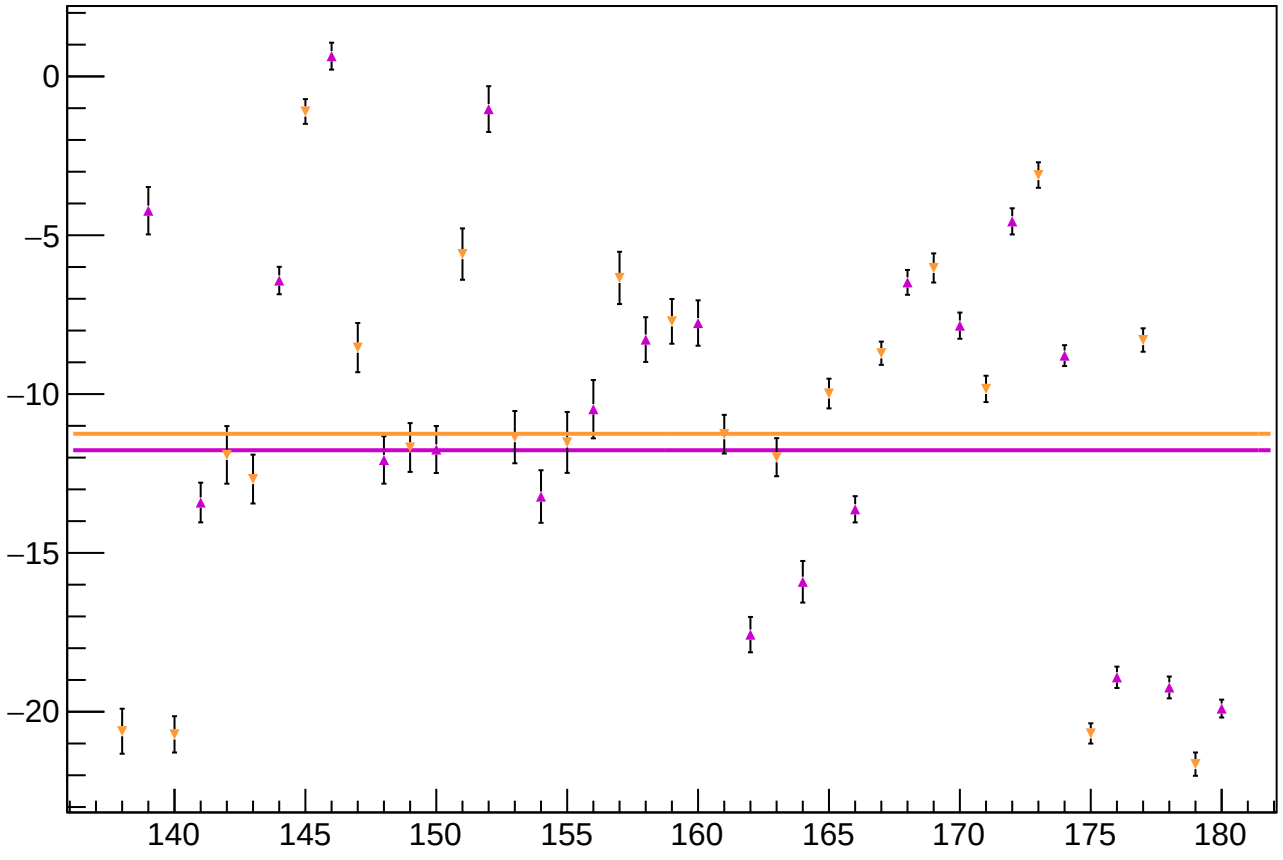
Left In: 0.296+/-0.002 χ^2/NDF:1327.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.296+/-0.002 χ^2/NDF: 2832.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



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

Left Out: -11.250+/-0.109 χ^2/NDF:3605.3/21

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

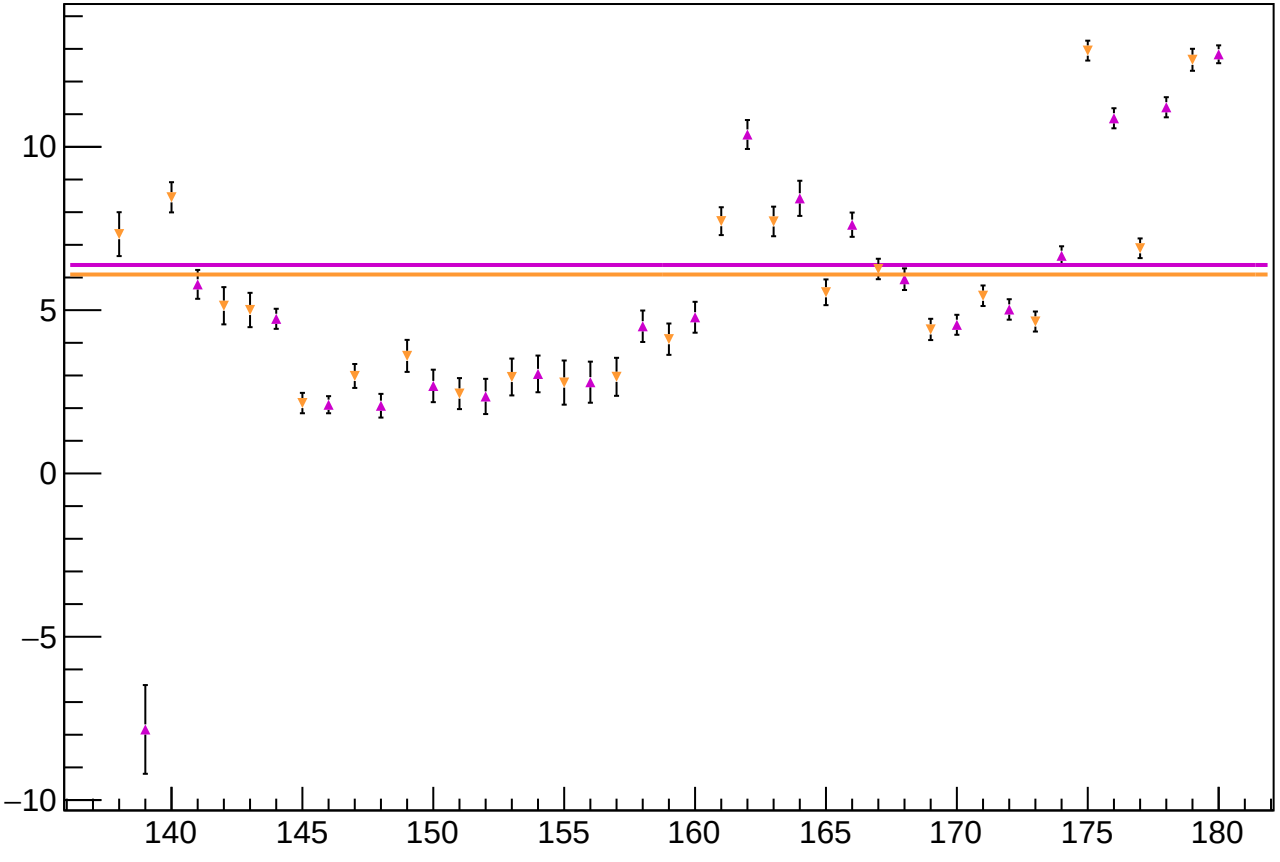
Left In: -11.768+/-0.102 χ^2/NDF:3994.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.526+/-0.074 χ^2/NDF: 7612.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 6.092+/-0.084 χ^2/NDF:1431.4/21

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

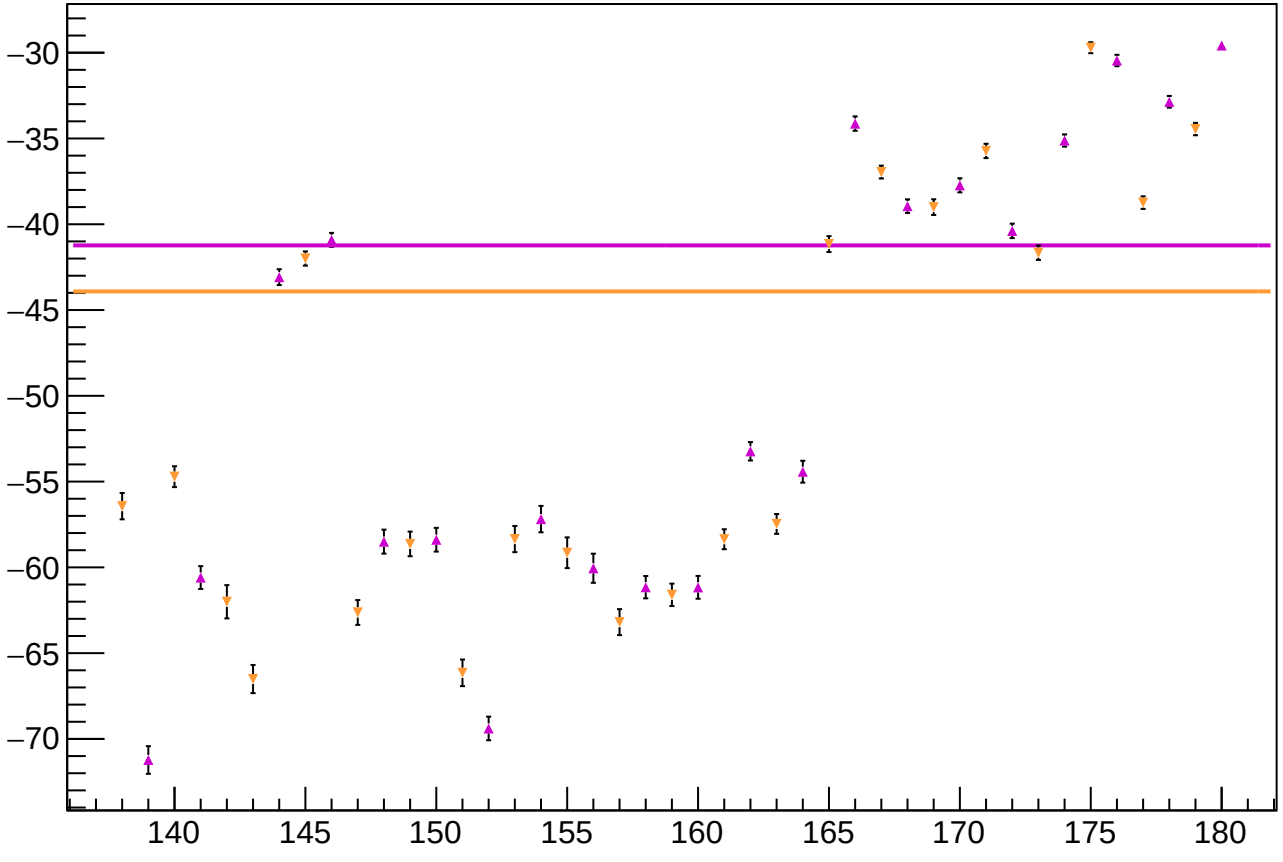
Left In: 6.383+/-0.081 χ^2/NDF:1933.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.244+/-0.058 χ^2/NDF: 3371.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -43.914+/-0.109 χ^2/NDF:10586.6/21

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

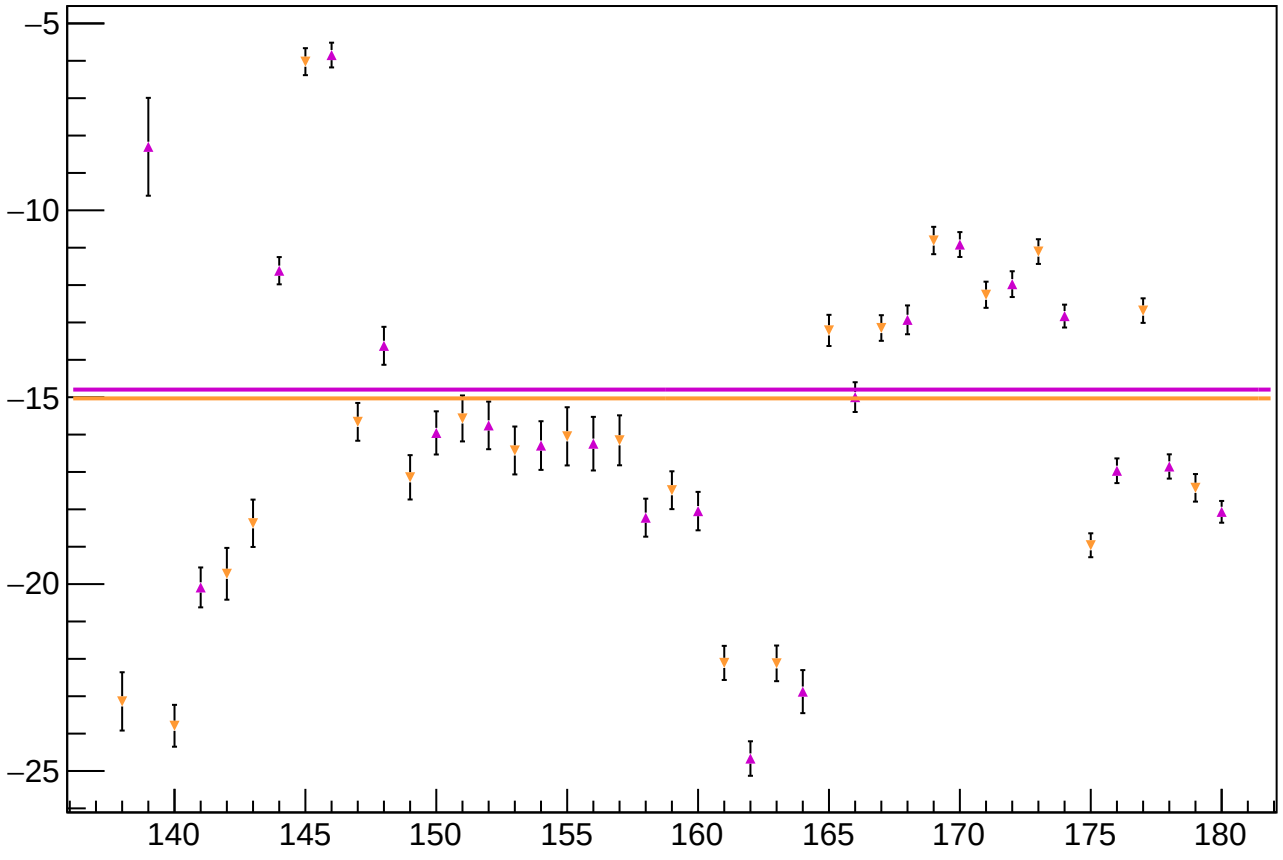
Left In: -41.232+/-0.102 χ^2/NDF:12910.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -42.483+/-0.074 χ^2/NDF: 23820.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -15.032+/-0.095 χ^2/NDF:2189.7/21

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

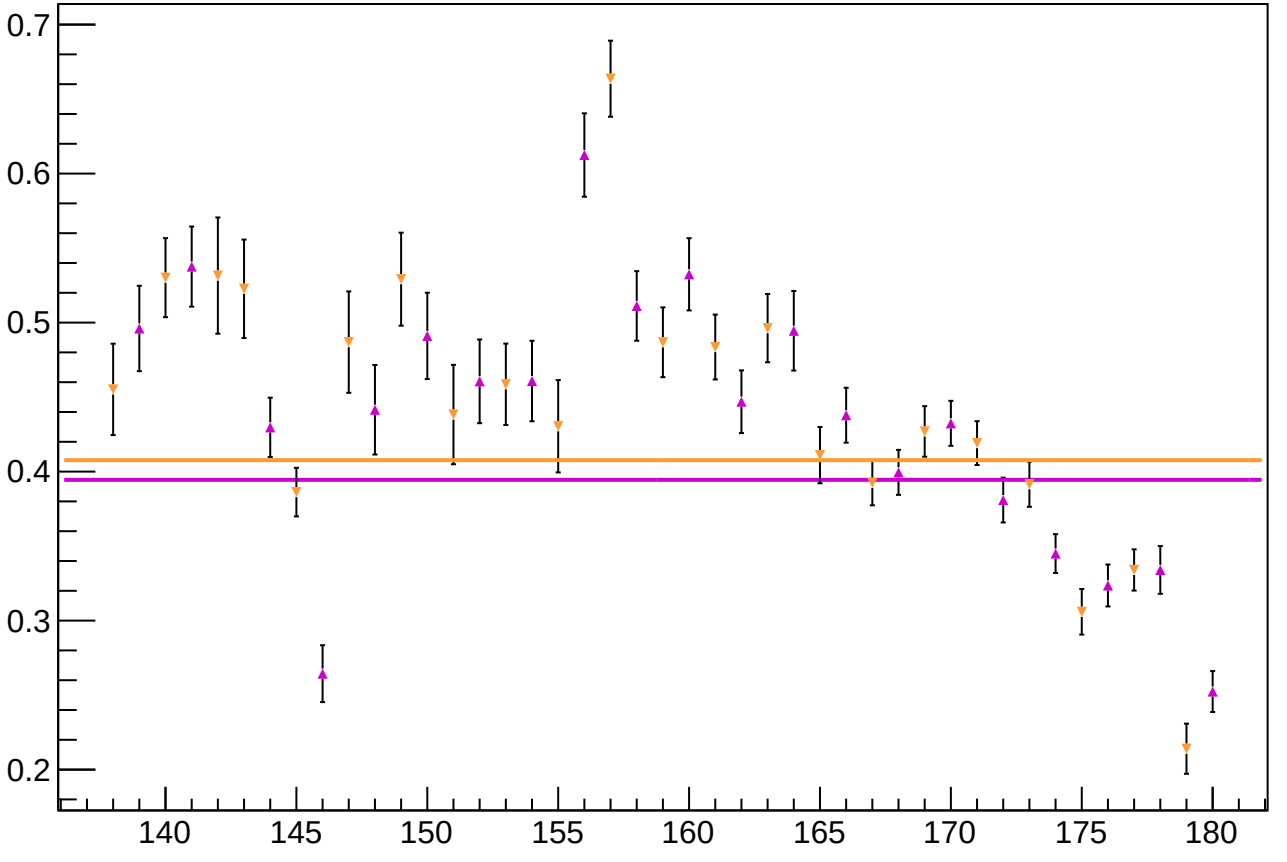
Left In: -14.796+/-0.091 χ^2/NDF:2166.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.909+/-0.066 χ^2/NDF: 4359.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.408+/-0.004 χ^2/NDF:421.2/21

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

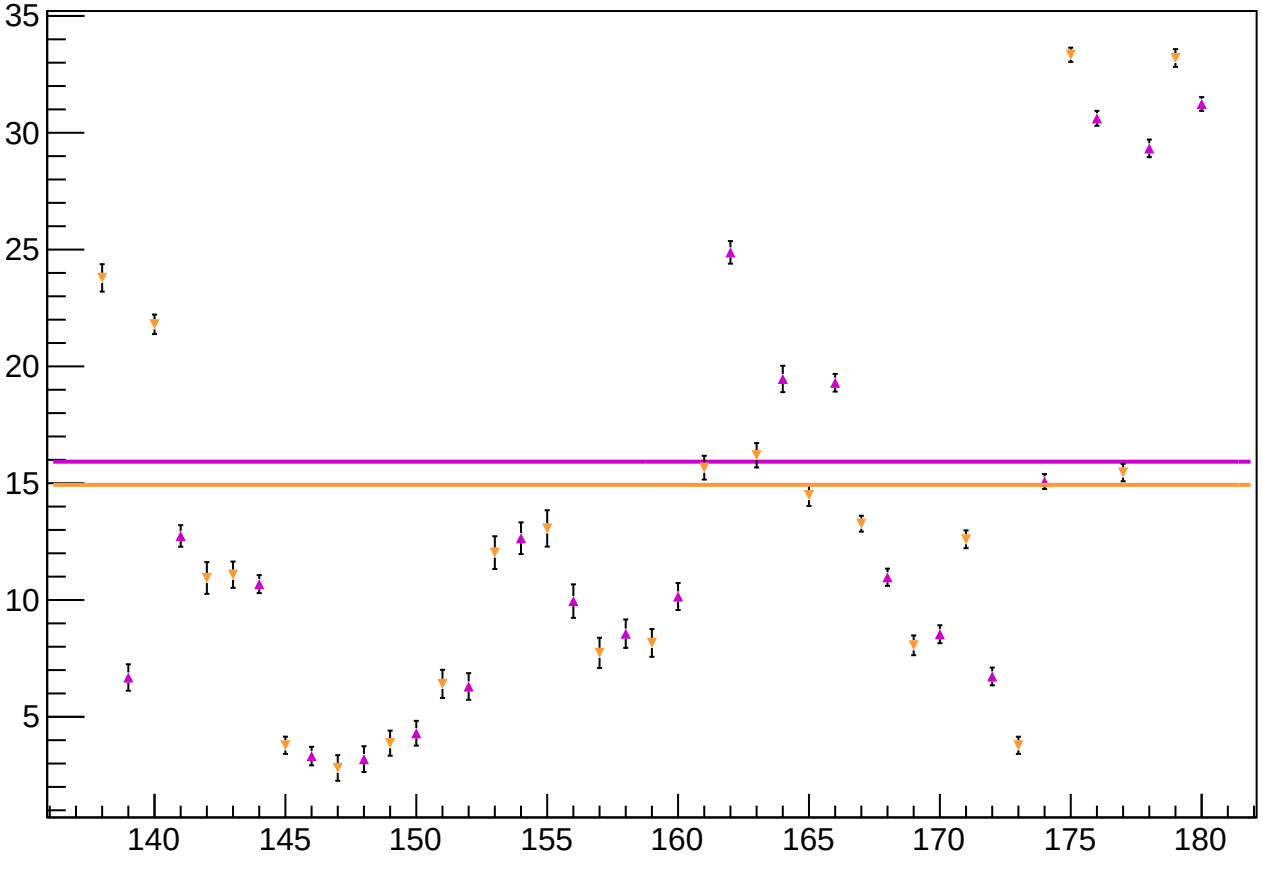
Left In: 0.394+/-0.004 χ^2/NDF:427.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.401+/-0.003 χ^2/NDF: 853.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 14.931+/-0.097 χ^2/NDF:10140.0/21

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

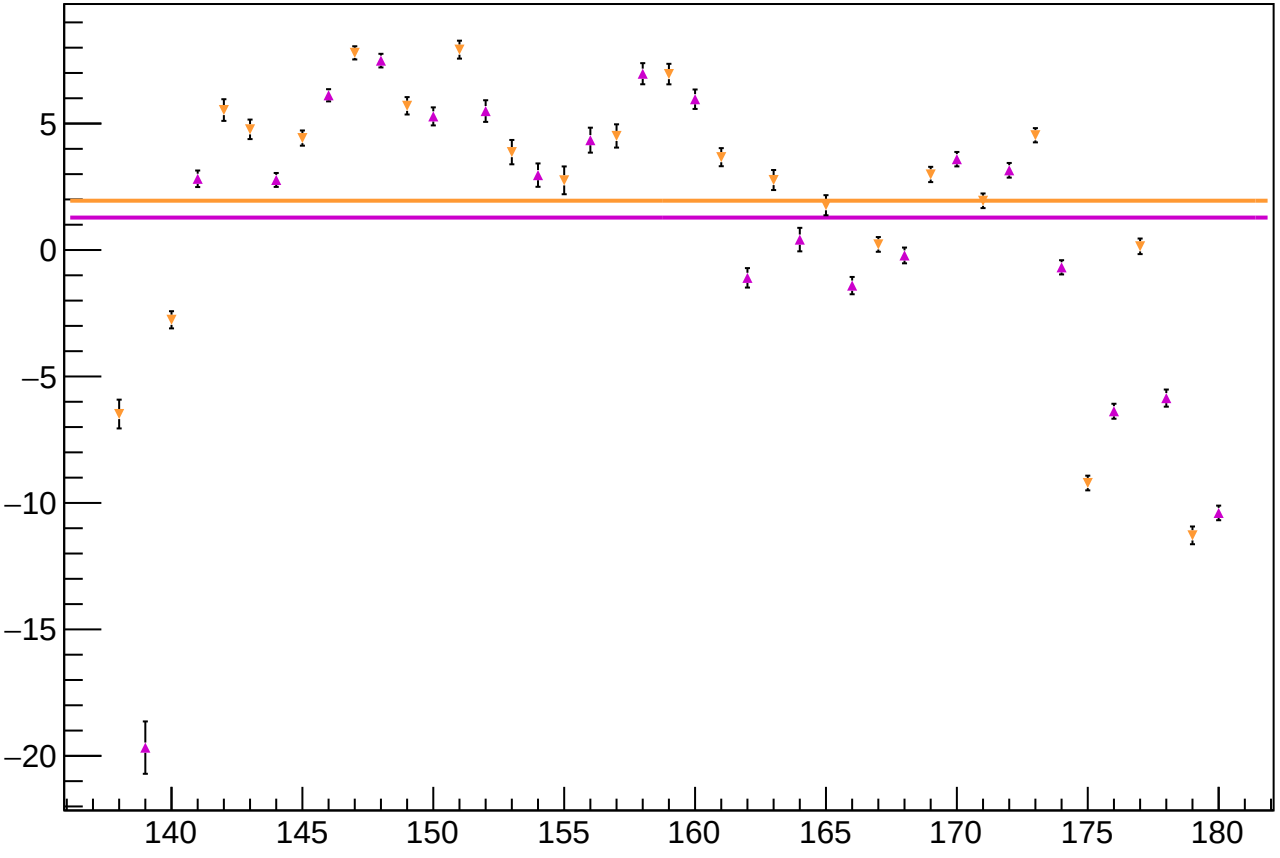
Left In: 15.921+/-0.094 χ^2/NDF:10808.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 15.446+/-0.067 χ^2/NDF: 21001.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 1.950+/-0.074 χ^2/NDF:4801.0/21

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

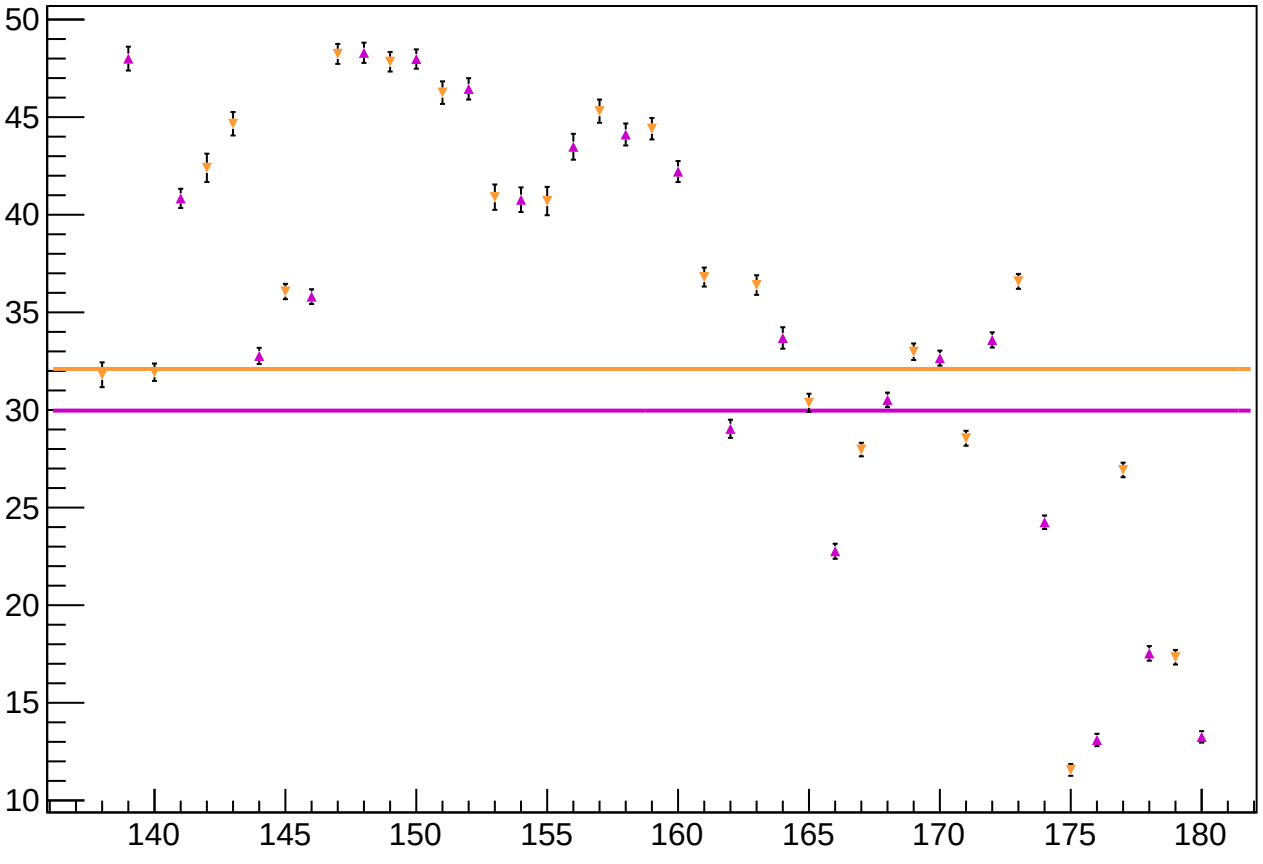
Left In: 1.282+/-0.073 χ^2/NDF:5028.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.611+/-0.052 χ^2/NDF: 9871.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 32.102+/-0.097 χ^2/NDF:11509.6/21

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

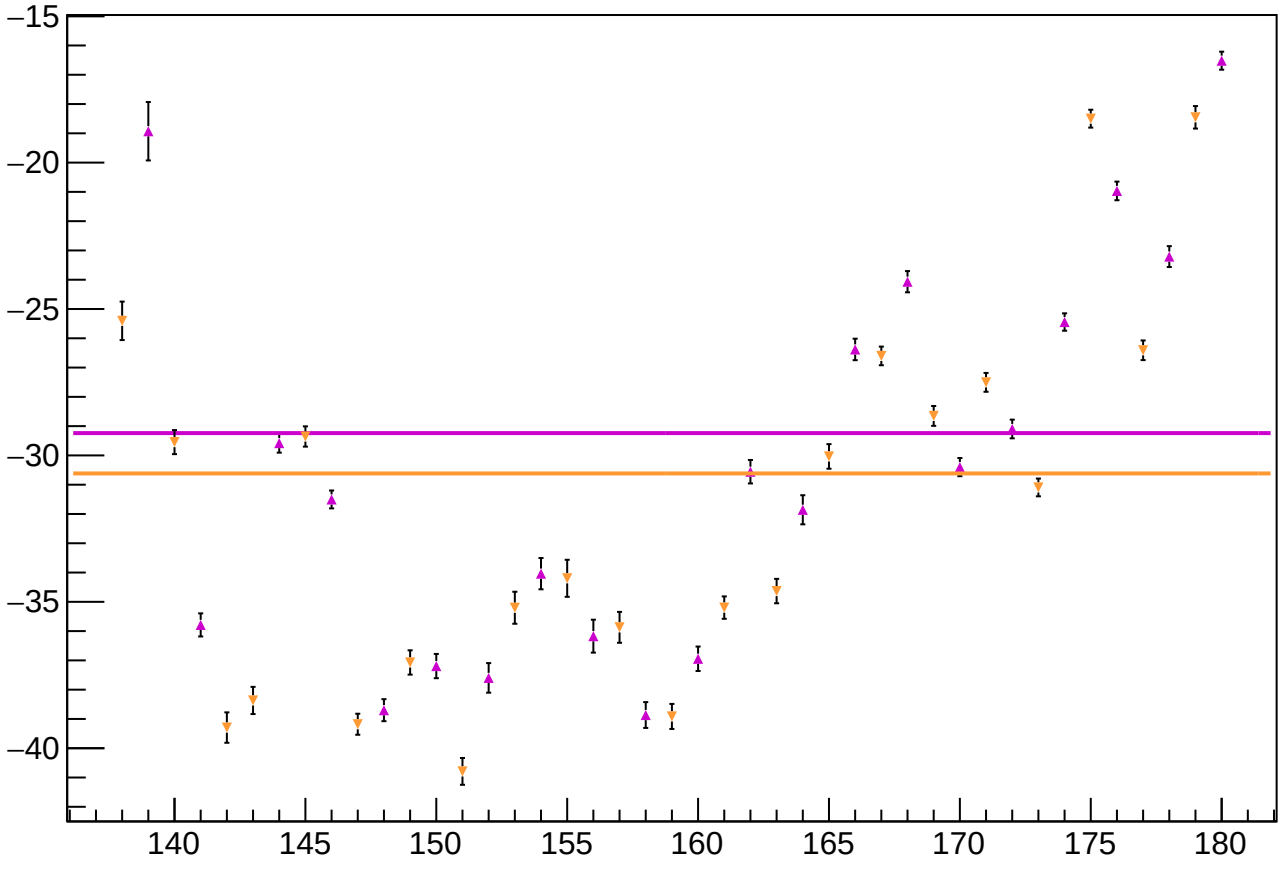
Left In: 29.967+/-0.094 χ^2/NDF:14958.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 30.990+/-0.067 χ^2/NDF: 26718.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -30.616+/-0.084 χ^2/NDF:5787.3/21

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

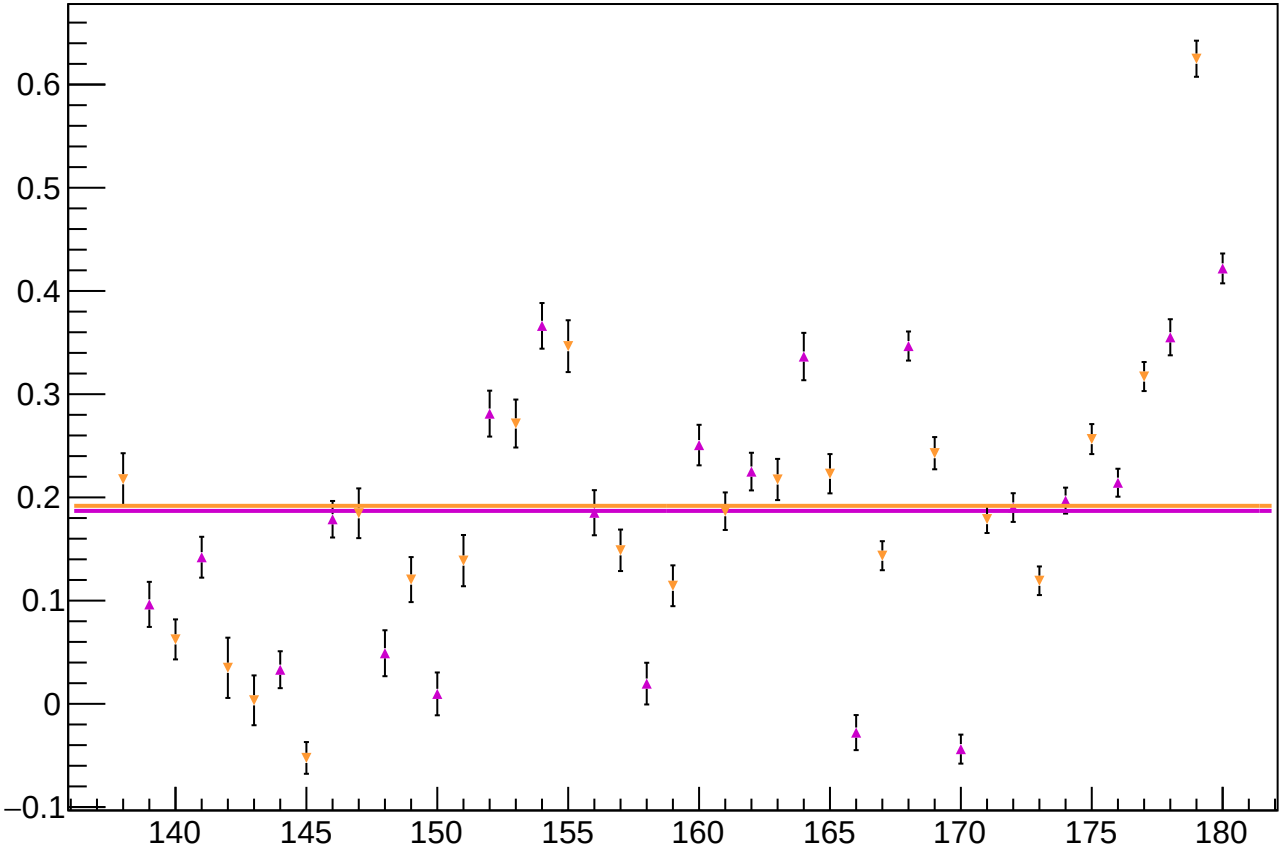
Left In: -29.238+/-0.082 χ^2/NDF:5917.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -29.914+/-0.059 χ^2/NDF: 11842.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



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

Left Out: 0.192+/-0.004 χ^2/NDF:1239.9/21

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

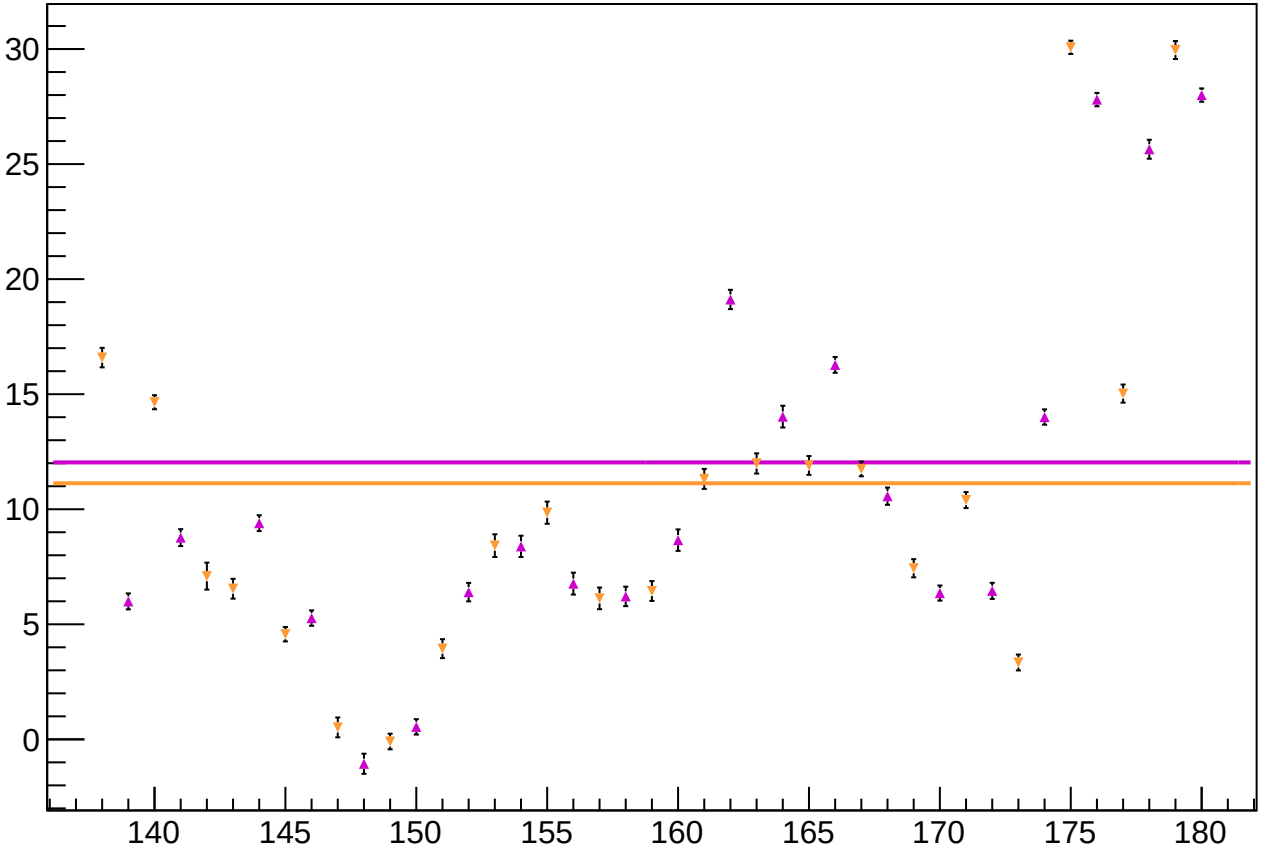
Left In: 0.187+/-0.004 χ^2/NDF:1336.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.189+/-0.003 χ^2/NDF: 2577.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 11.129+/-0.082 χ^2/NDF:10499.8/21

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

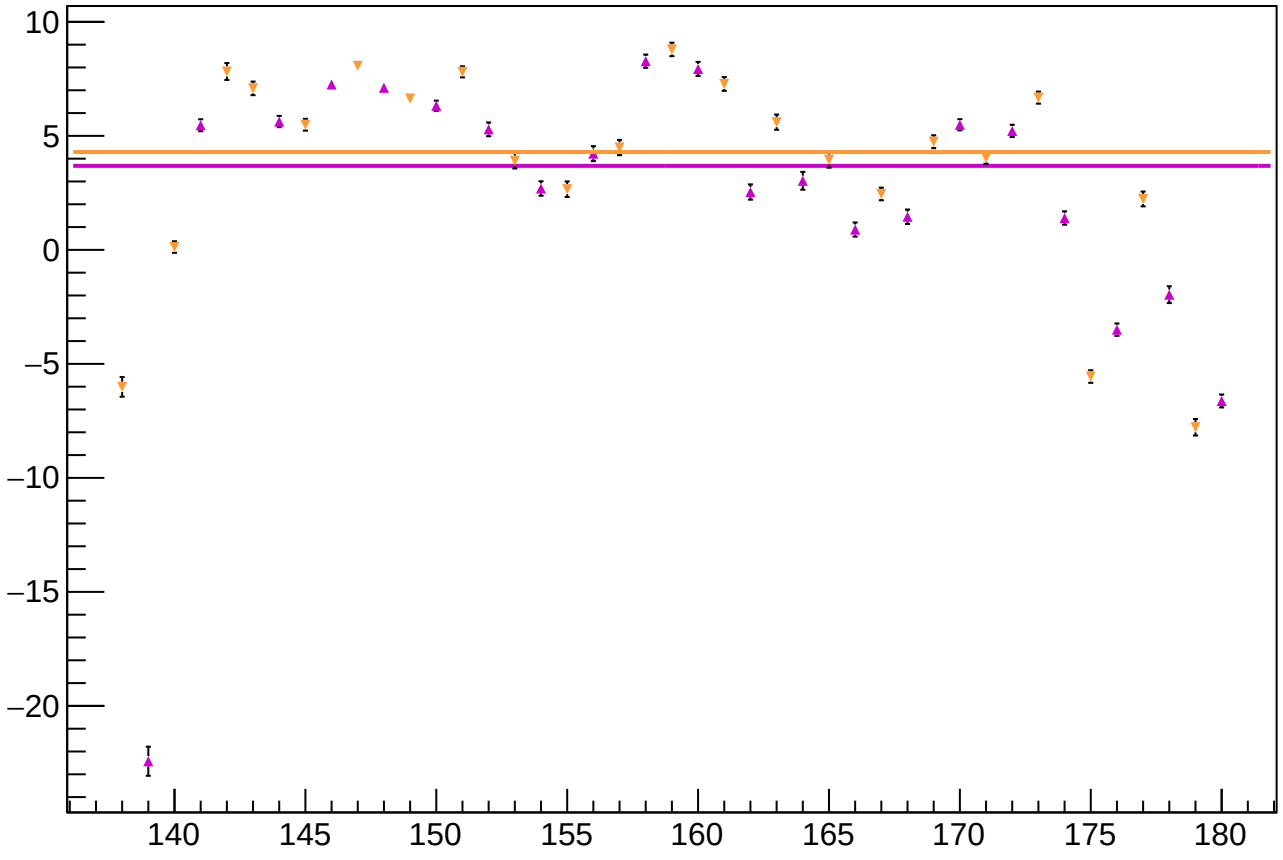
Left In: 12.035+/-0.081 χ^2/NDF:11657.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 11.593+/-0.058 χ^2/NDF: 22219.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 4.292+/-0.061 χ^2/NDF:4606.1/21

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

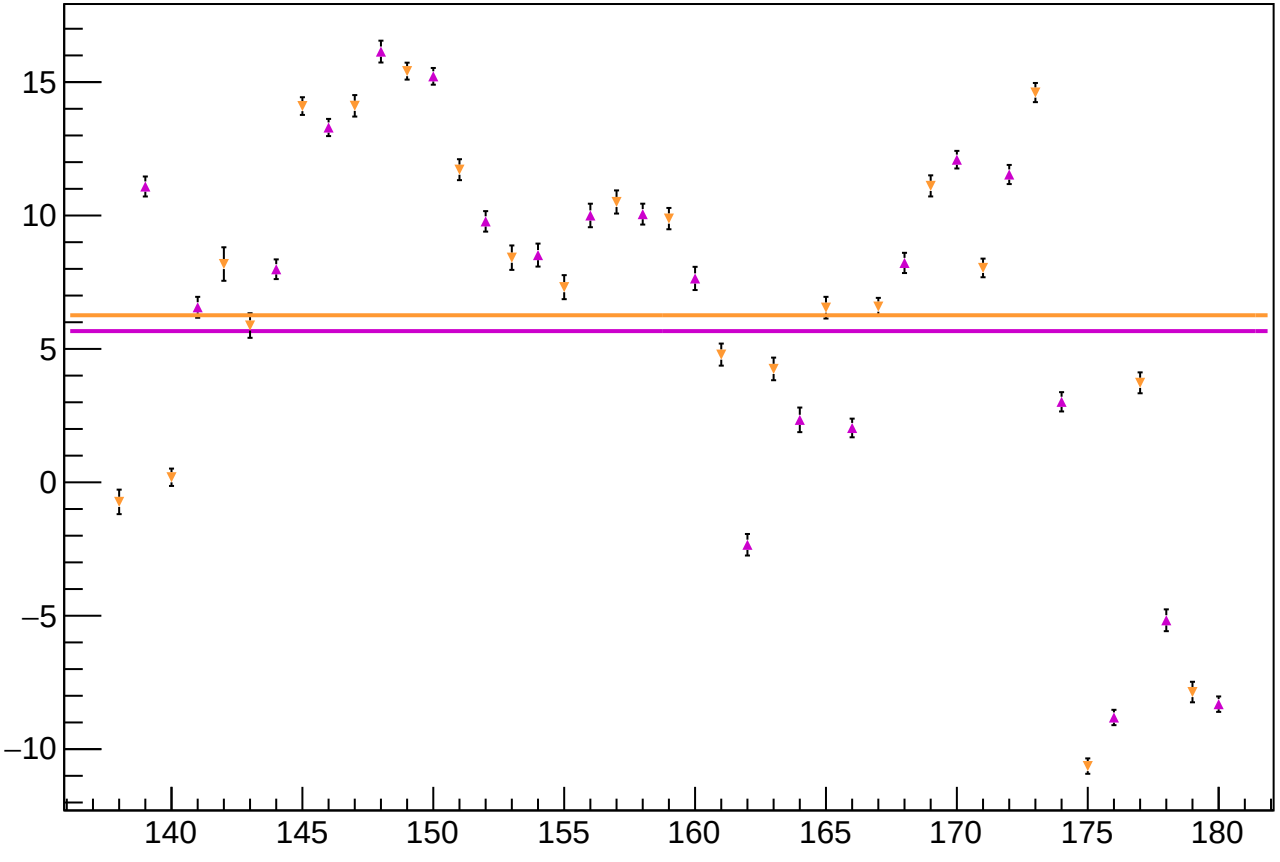
Left In: 3.685+/-0.062 χ^2/NDF:5457.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.992+/-0.044 χ^2/NDF: 10111.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 6.262+/-0.082 χ^2/NDF:8325.8/21

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

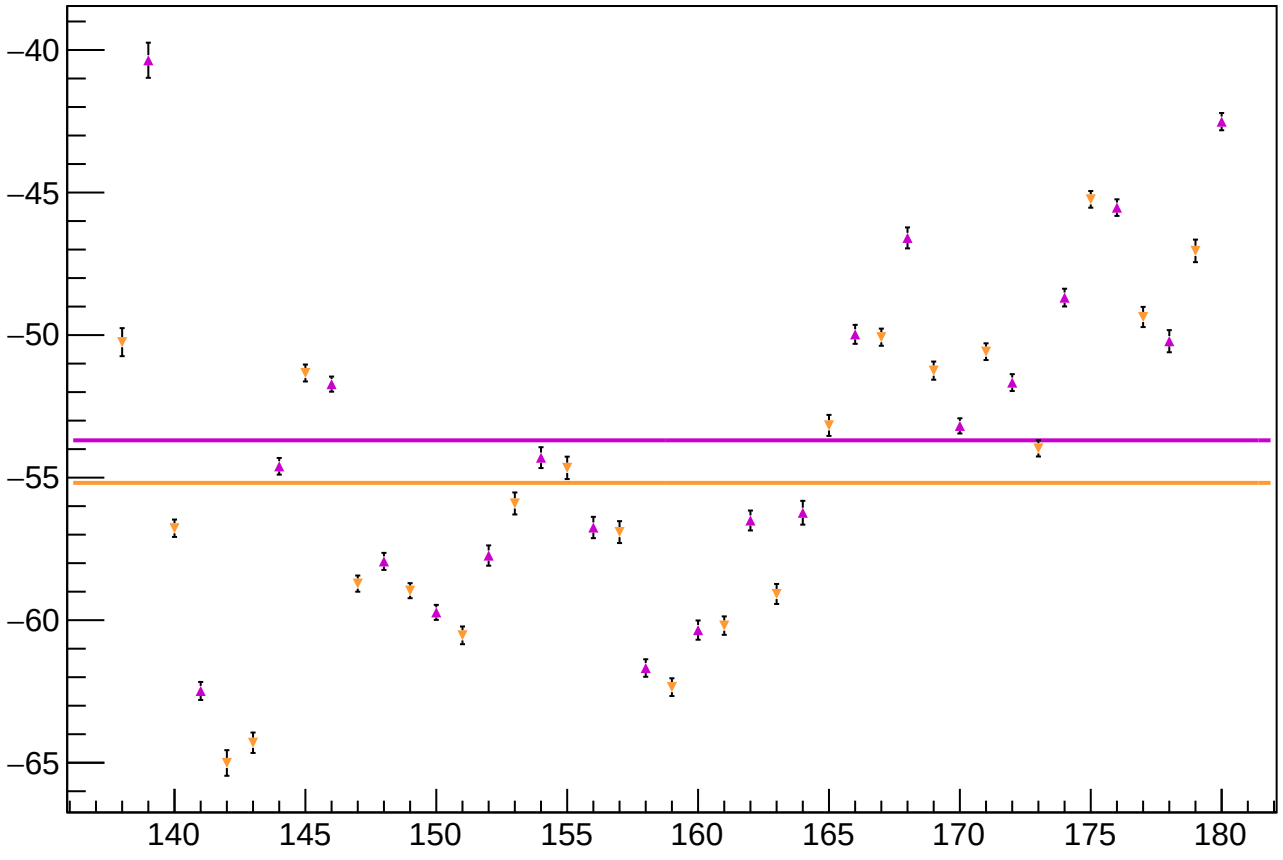
Left In: 5.668+/-0.080 χ^2/NDF:9675.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.957+/-0.057 χ^2/NDF: 18028.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -55.184+/-0.070 χ^2/NDF:5584.2/21

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

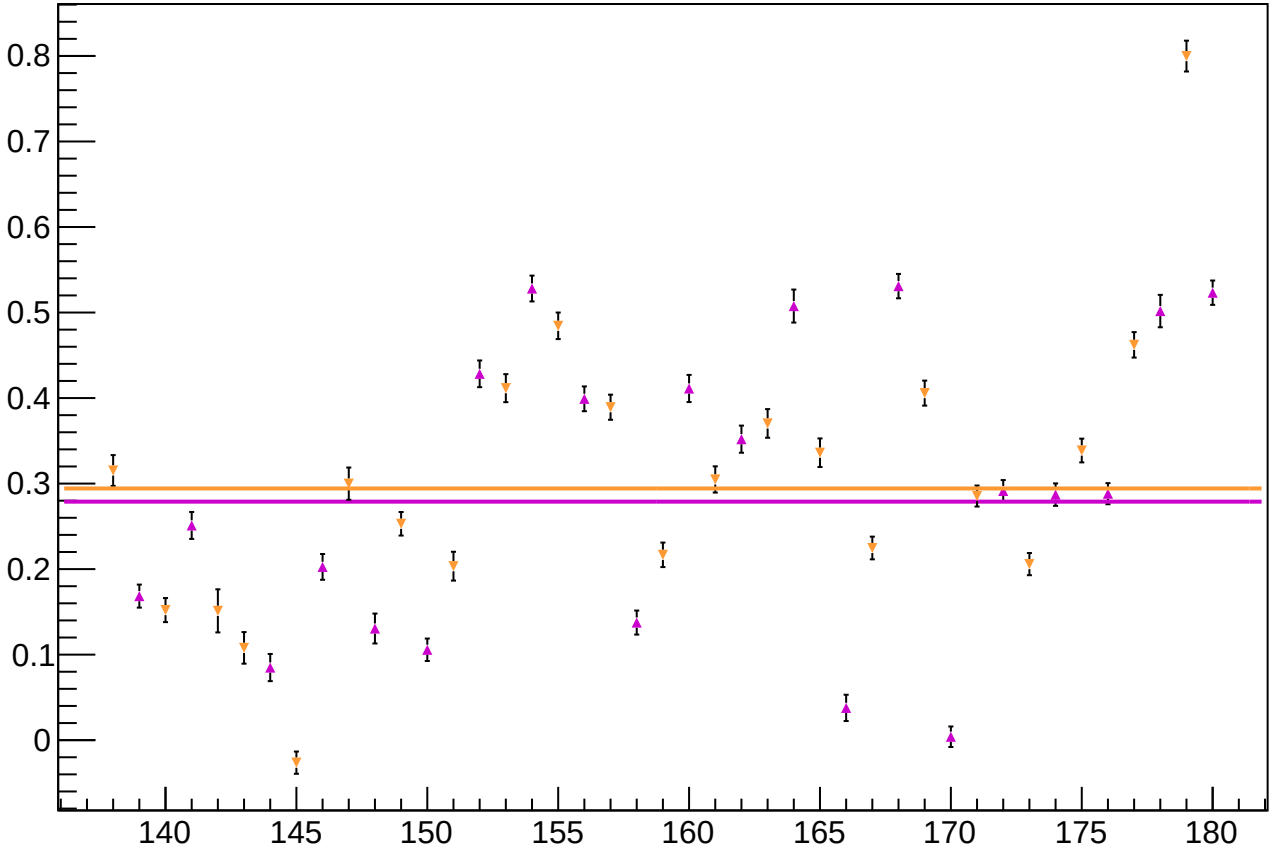
Left In: -53.692+/-0.070 χ^2/NDF:6434.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -54.439+/-0.050 χ^2/NDF: 12243.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



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

Left Out: 0.294+/-0.003 χ^2/NDF:2239.9/21

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

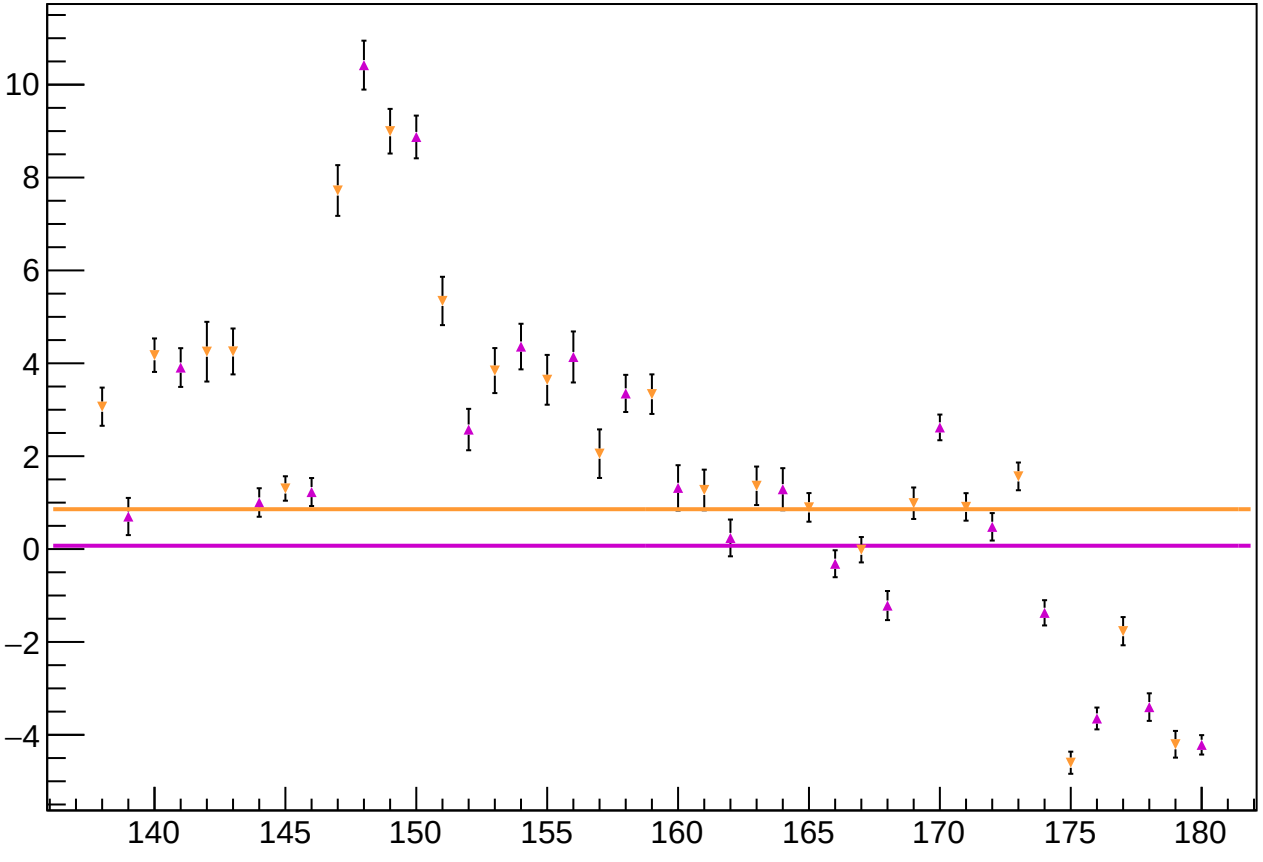
Left In: 0.279+/-0.003 χ^2/NDF:2775.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.286+/-0.002 χ^2/NDF: 5027.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: 0.858+/-0.077 χ^2/NDF:1741.7/21

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

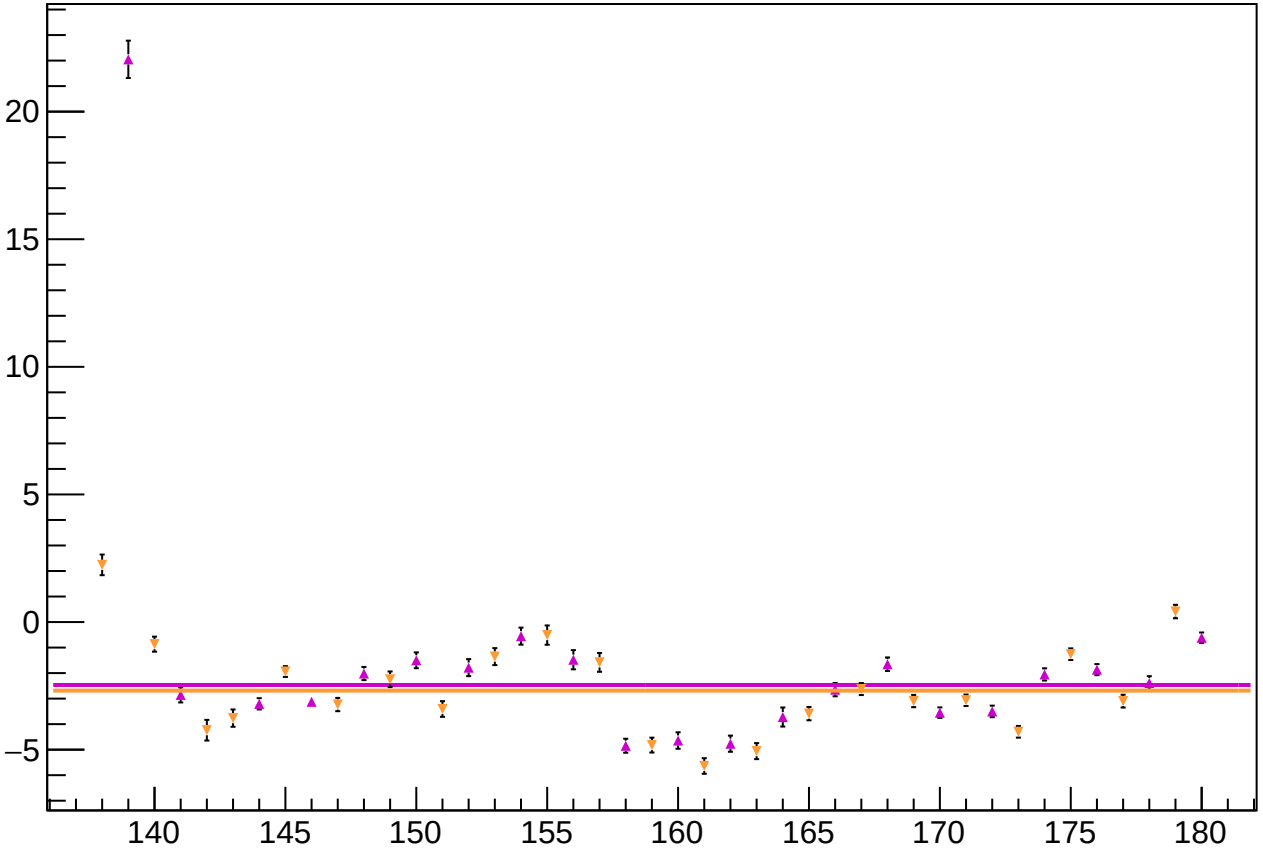
Left In: 0.072+/-0.073 χ^2/NDF:2048.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.444+/-0.053 χ^2/NDF: 3845.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -2.686+/-0.059 χ^2/NDF:744.7/21

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

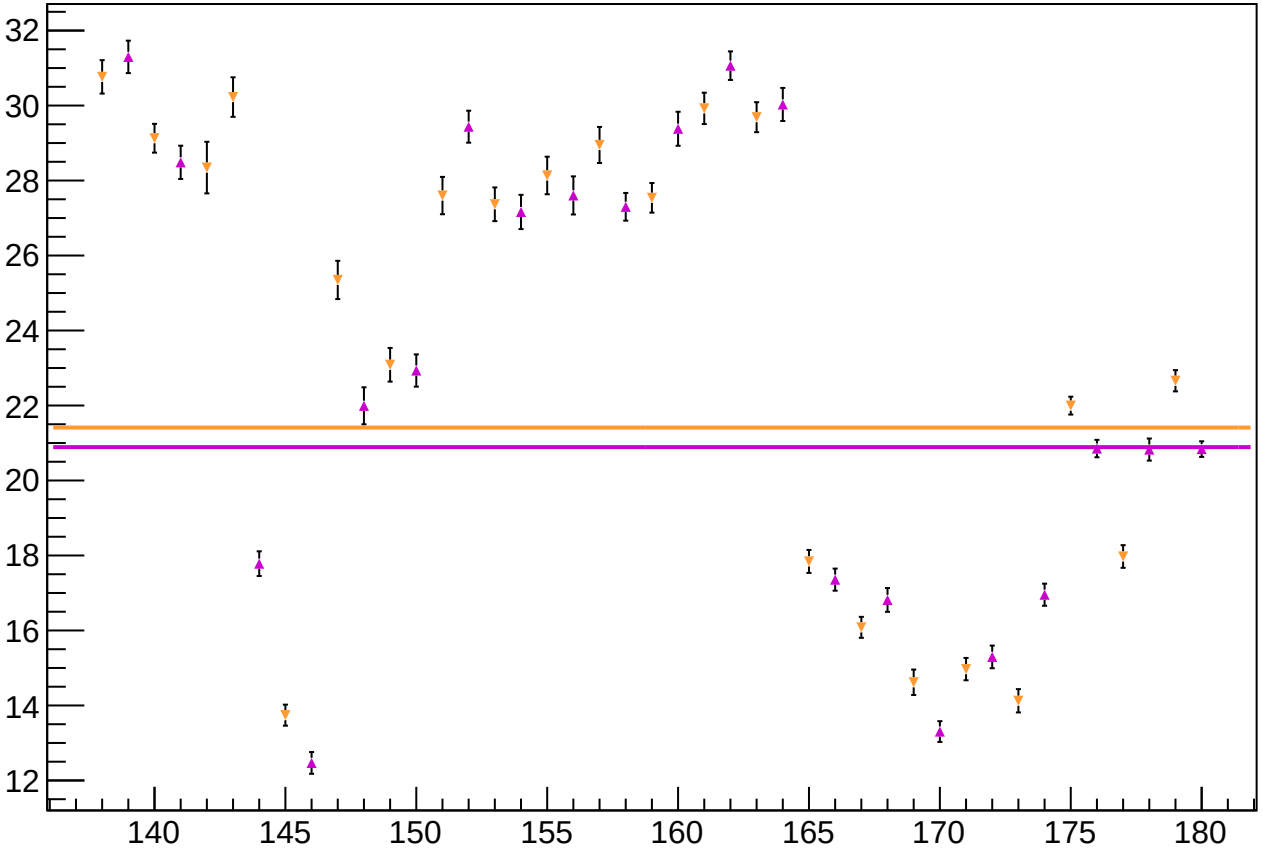
Left In: -2.466+/-0.058 χ^2/NDF:1542.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.573+/-0.041 χ^2/NDF: 2294.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 21.412+/-0.077 χ^2/NDF:5958.3/21

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

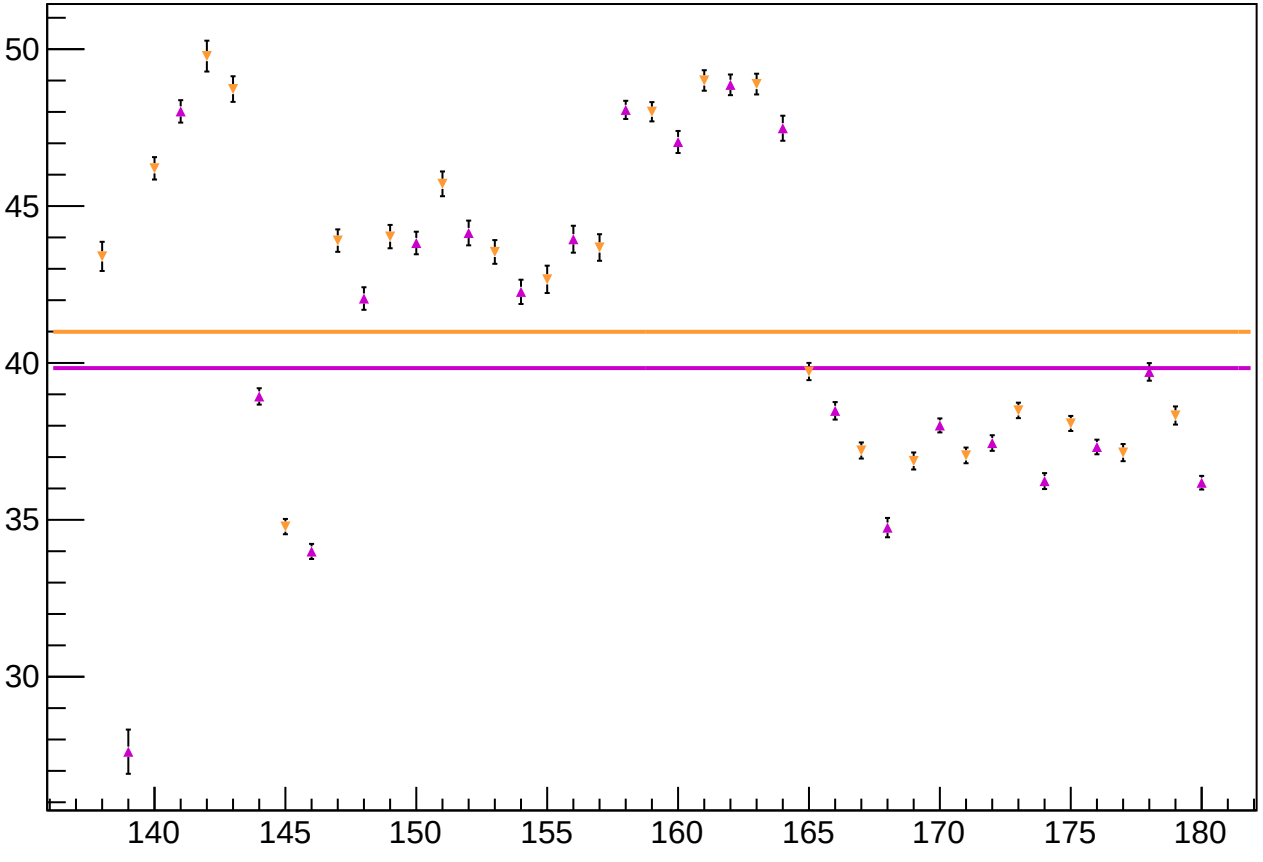
Left In: 20.890+/-0.073 χ^2/NDF:5969.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 21.136+/-0.053 χ^2/NDF: 11952.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 40.993+/-0.067 χ^2/NDF:4887.1/21

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

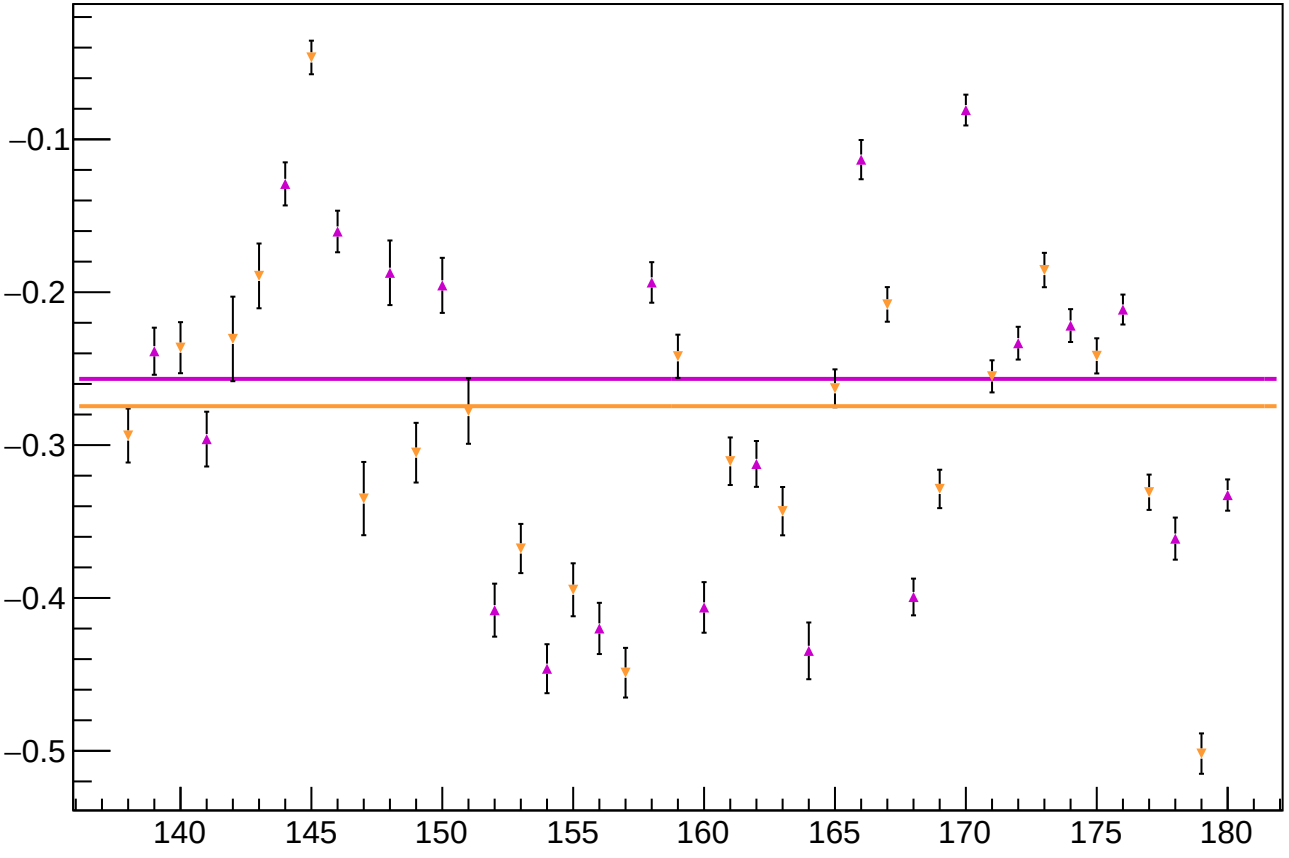
Left In: 39.836+/-0.065 χ^2/NDF:5239.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 40.398+/-0.046 χ^2/NDF: 10281.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.275+/-0.003 χ^2/NDF:1139.5/21

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

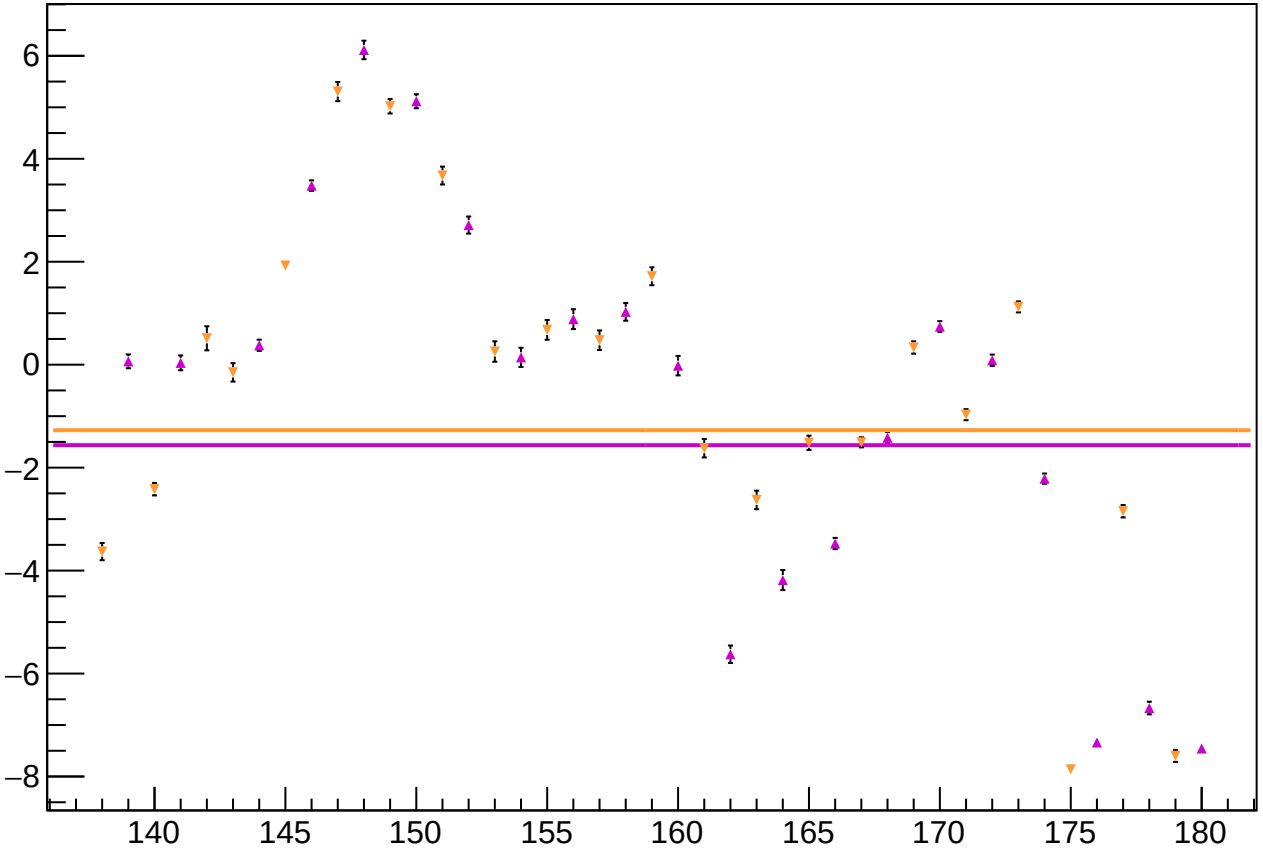
Left In: -0.257+/-0.003 χ^2/NDF:1401.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.265+/-0.002 χ^2/NDF: 2558.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -1.273+/-0.029 χ^2/NDF:15703.8/21

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

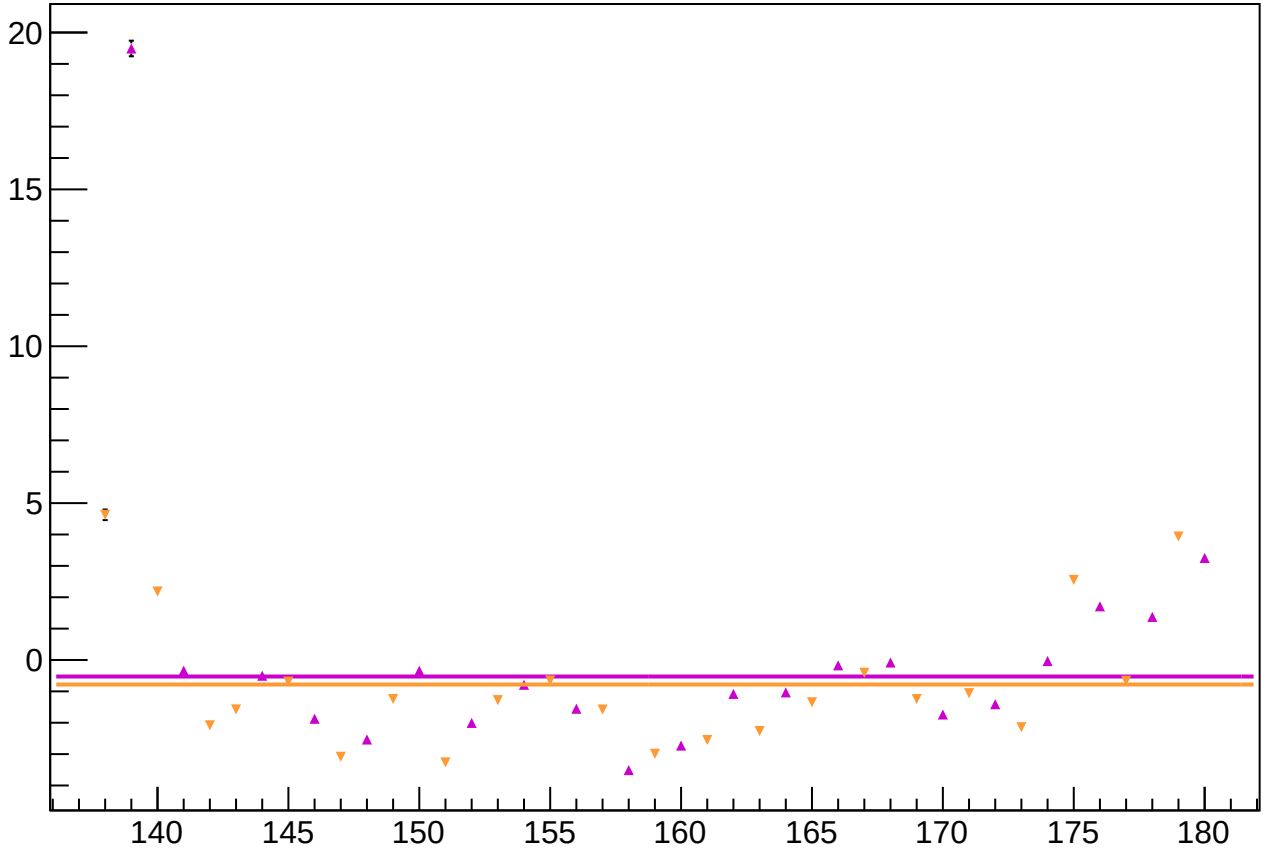
Left In: -1.564+/-0.027 χ^2/NDF:20142.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.424+/-0.020 χ^2/NDF: 35899.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -0.782+/-0.022 χ^2/NDF:7866.5/21

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

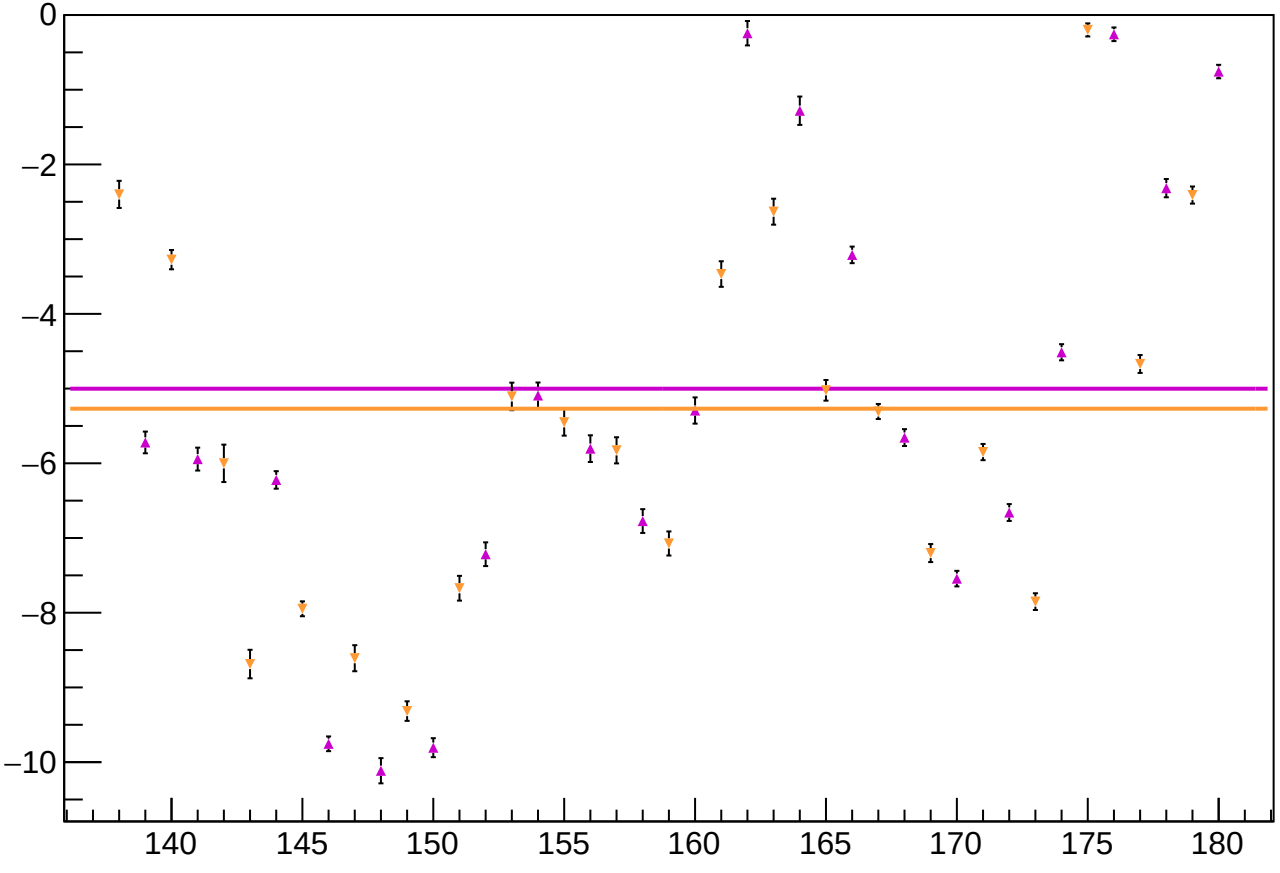
Left In: -0.527+/-0.022 χ^2/NDF:11751.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.652+/-0.015 χ^2/NDF: 19686.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: -5.269+/-0.029 χ^2/NDF:8375.6/21

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

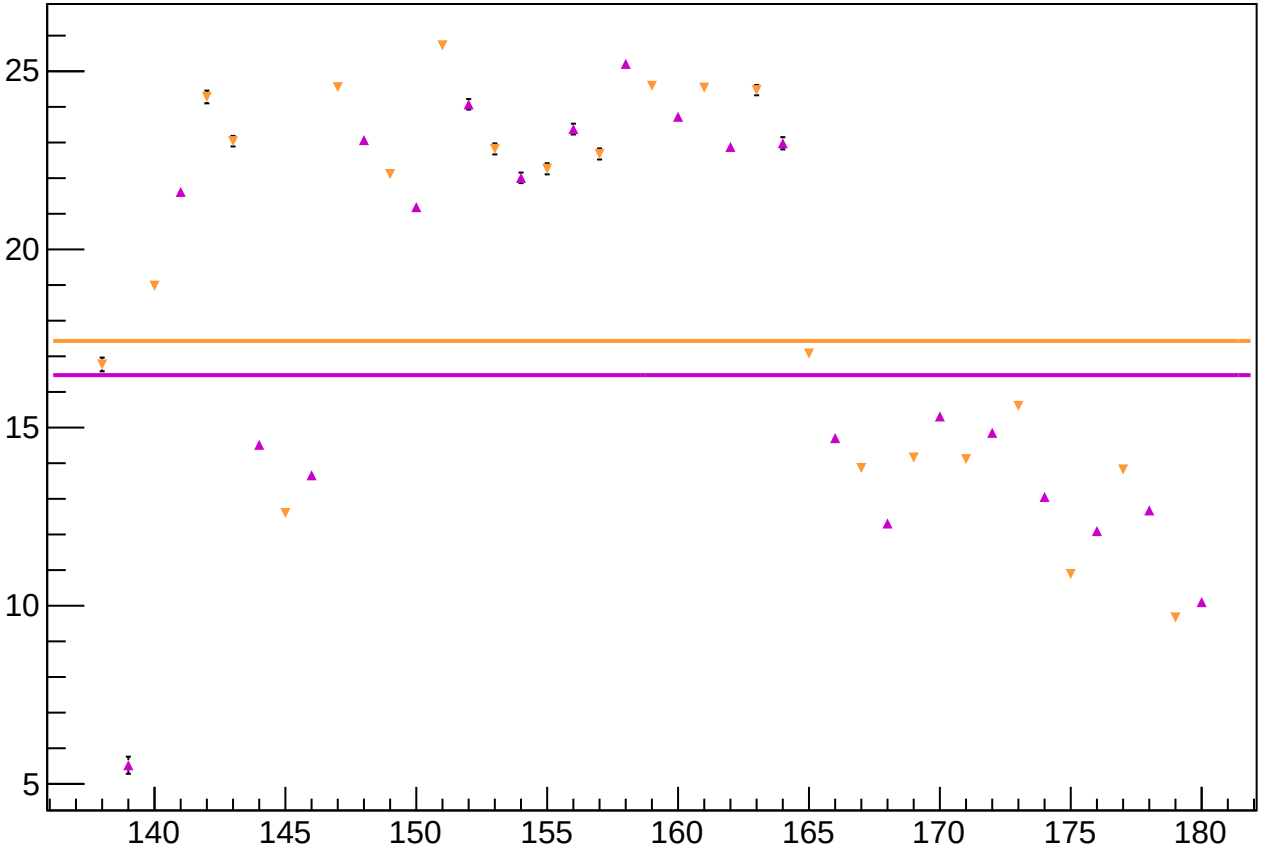
Left In: -5.002+/-0.027 χ^2/NDF:12948.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.130+/-0.020 χ^2/NDF: 21369.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 17.431+/-0.025 χ^2/NDF:42407.2/21

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

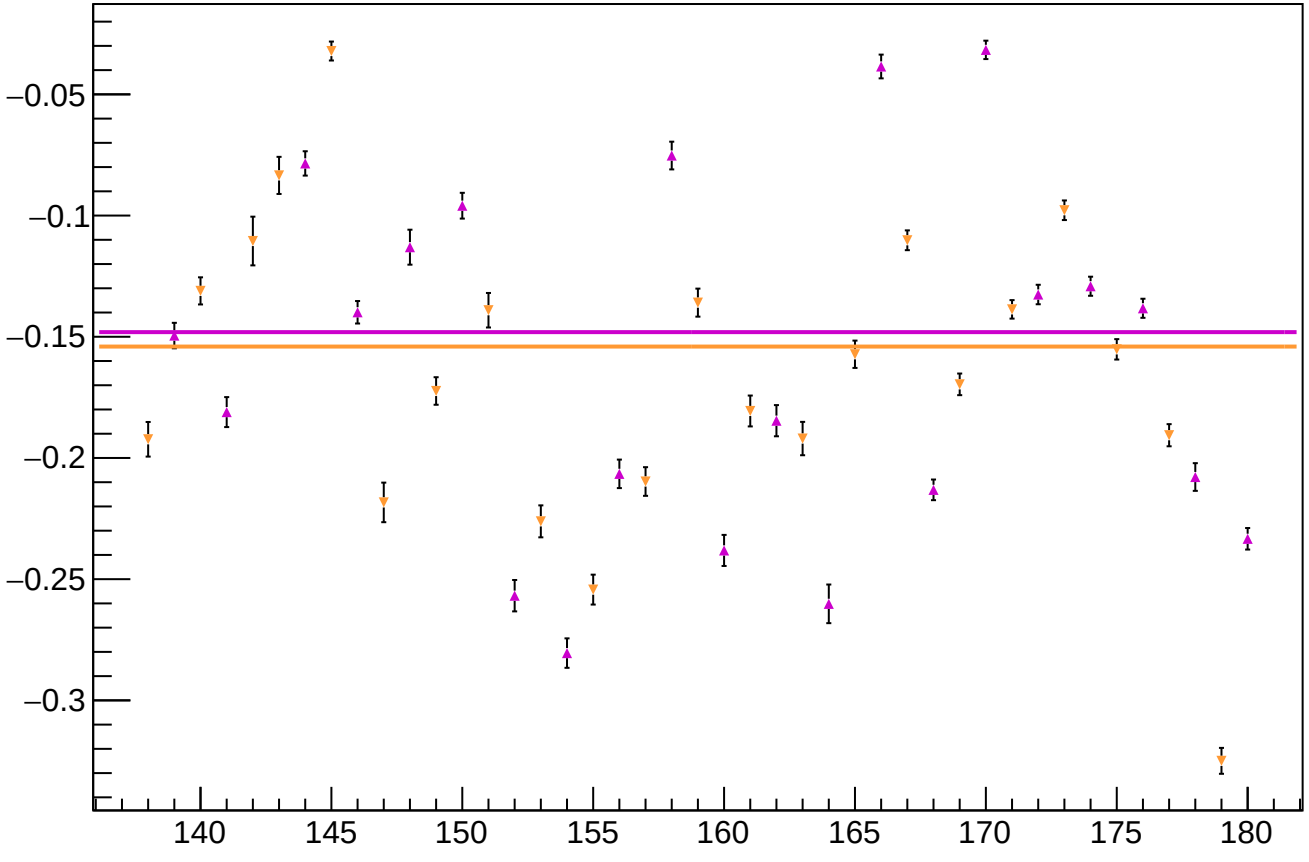
Left In: 16.472+/-0.024 χ^2/NDF:38980.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 16.943+/-0.017 χ^2/NDF: 82145.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.154+/-0.001 χ^2/NDF:3153.7/21

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

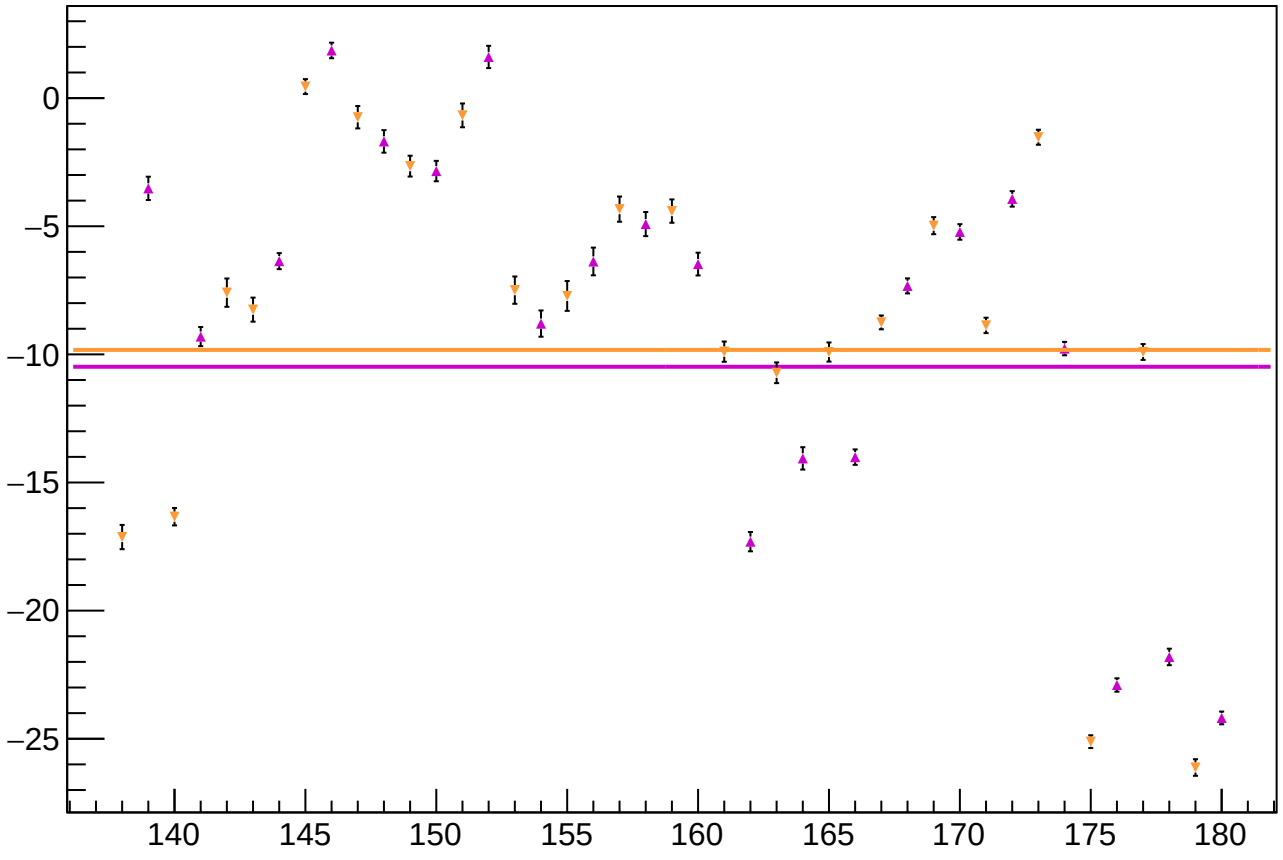
Left In: -0.148+/-0.001 χ^2/NDF:3986.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.151+/-0.001 χ^2/NDF: 7154.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.825+/-0.078 χ^2/NDF:10644.7/21

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

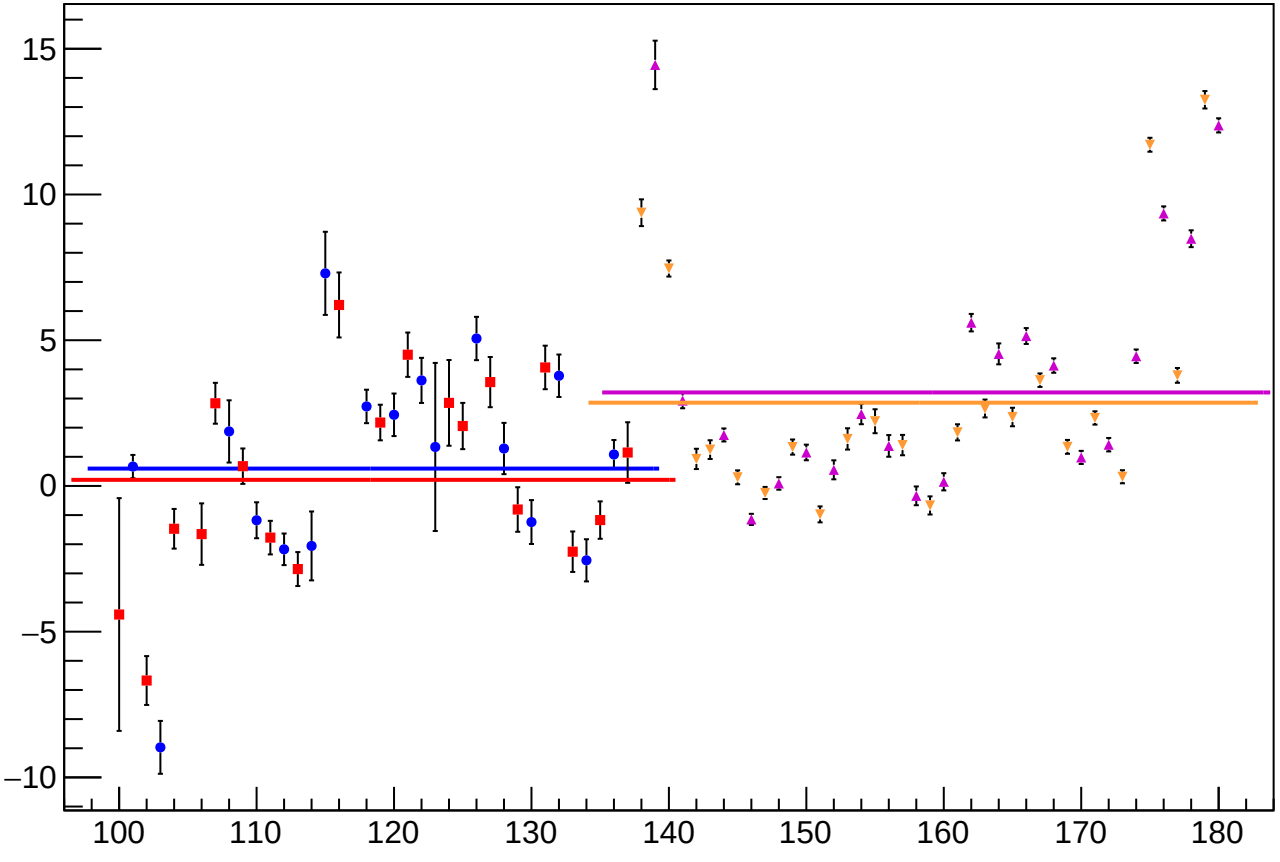
Left In: -10.483+/-0.075 χ^2/NDF:11856.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.167+/-0.054 χ^2/NDF: 22538.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596+/-0.169 χ^2/NDF: 291.2/16

Left Out: 2.857+/-0.059 χ^2/NDF:4052.6/21

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

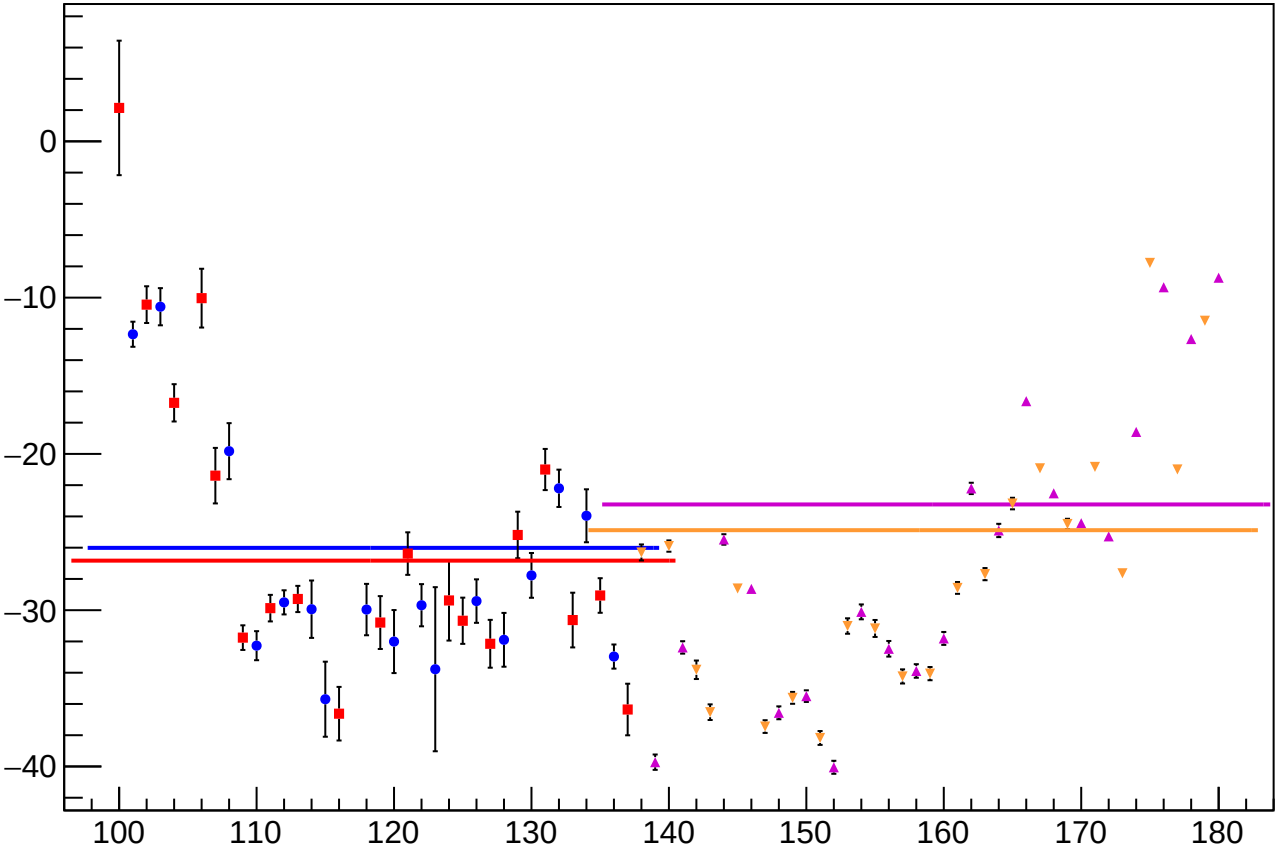
Left In: 3.208+/-0.058 χ^2/NDF:4062.9/20

+ sign 2.613+/-0.056 χ^2/NDF: 4503.4/38

All: 2.762+/-0.039 χ^2/NDF: 9119.7/78

- sign 2.910+/-0.055 χ^2/NDF: 4601.8/39

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -24.881+/-0.078 χ^2/NDF:12022.4/21

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

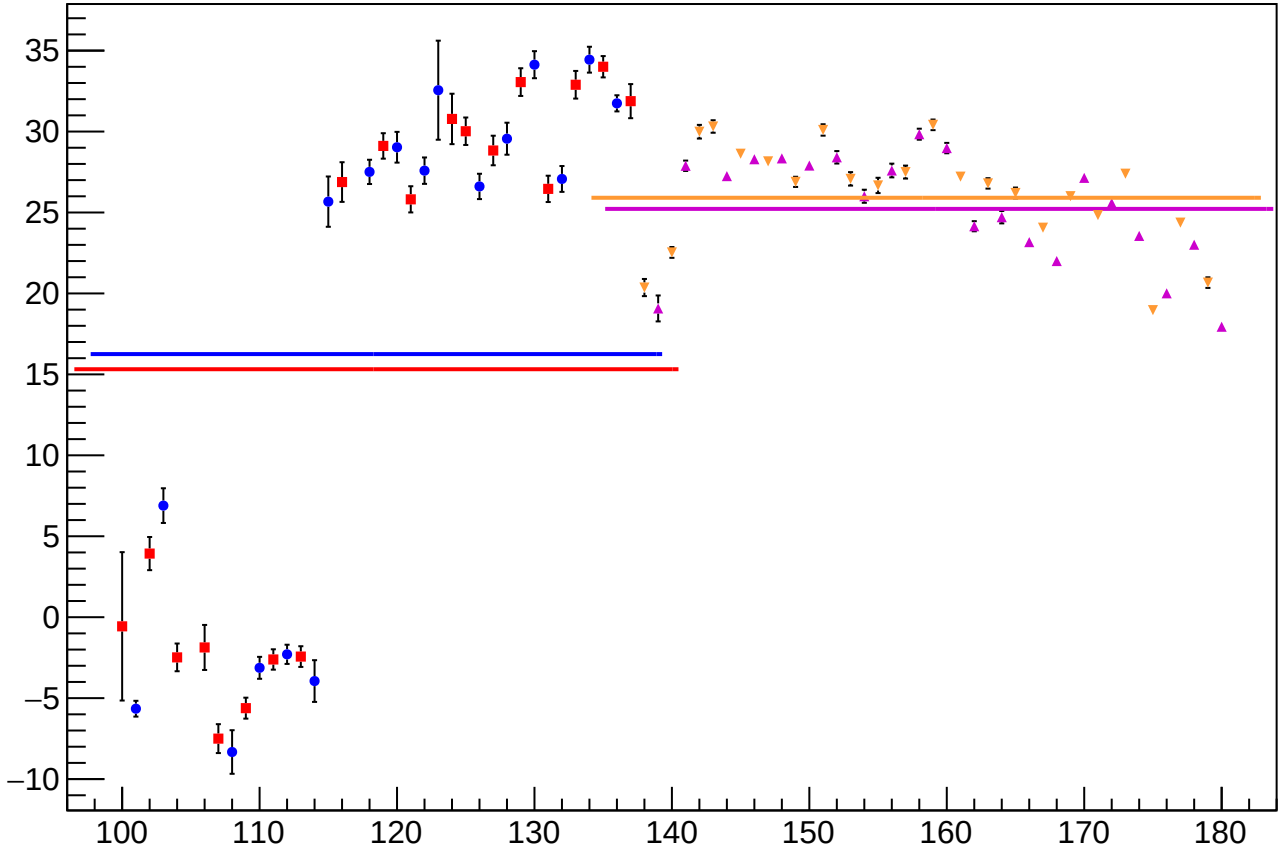
Left In: -23.234+/-0.075 χ^2/NDF:15614.2/20

+ sign -24.952+/-0.075 χ^2/NDF: 12728.7/38

All: -24.171+/-0.052 χ^2/NDF: 29269.8/78

- sign -23.447+/-0.072 χ^2/NDF: 16333.2/39

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 25.910+/-0.067 χ^2/NDF:2146.5/21

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

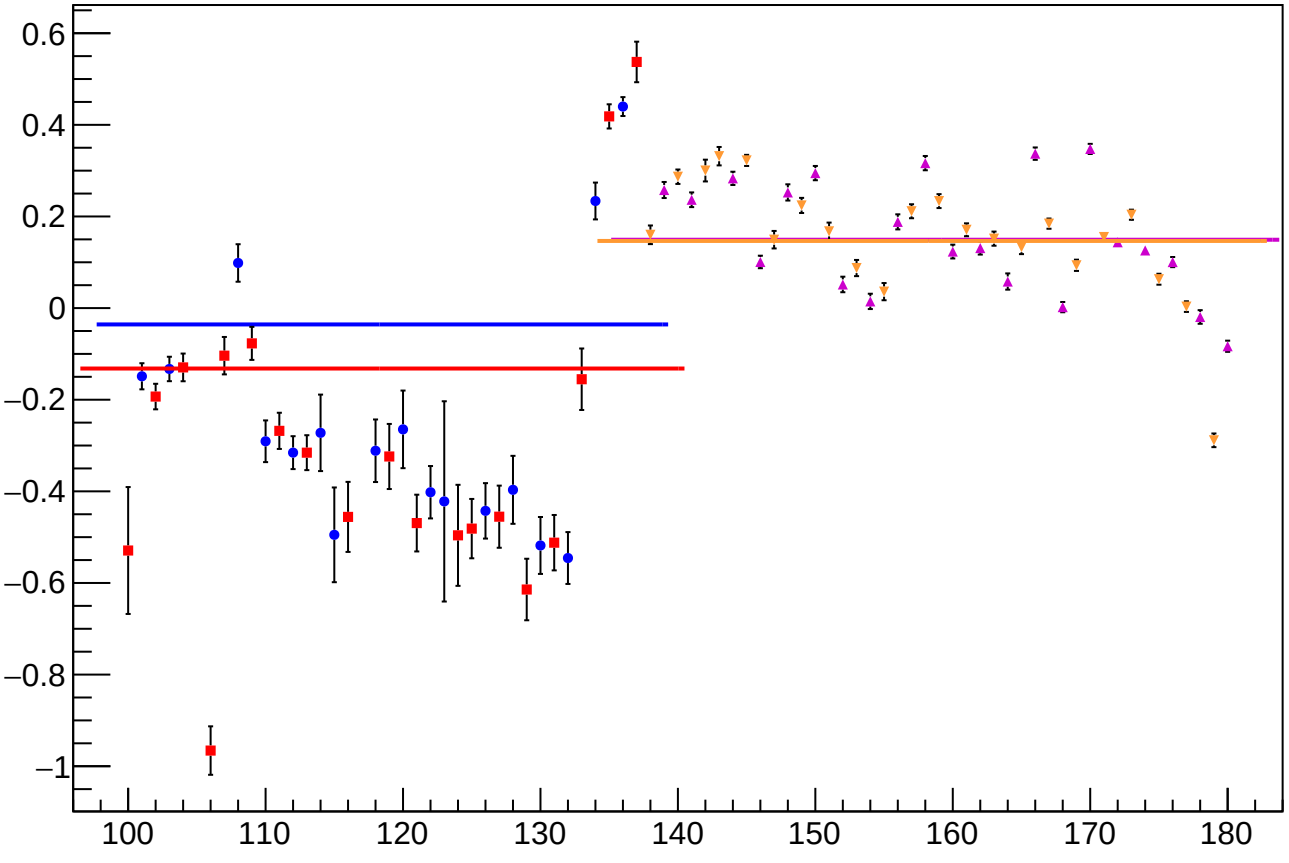
Left In: 25.223+/-0.066 χ^2/NDF:2500.9/20

+ sign 24.859+/-0.063 χ^2/NDF: 12035.4/38

All: 24.542+/-0.044 χ^2/NDF: 24141.7/78

- sign 24.231+/-0.062 χ^2/NDF: 12056.0/39

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.147+/-0.003 χ^2/NDF:1649.8/21

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

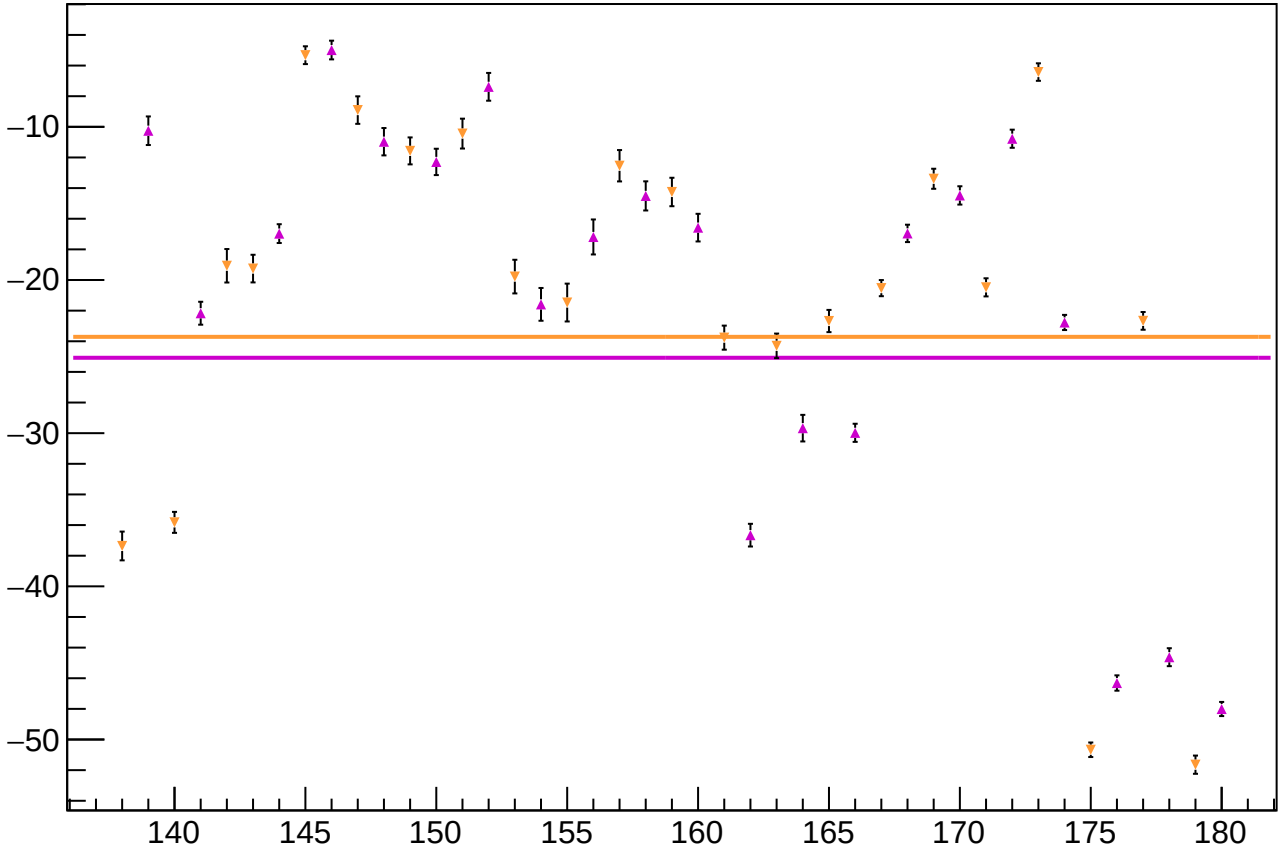
Left In: 0.149+/-0.003 χ^2/NDF:1740.4/20

+ sign 0.132+/-0.003 χ^2/NDF: 2951.1/38

All: 0.129+/-0.002 χ^2/NDF: 6543.0/78

- sign 0.127+/-0.003 χ^2/NDF: 3590.9/39

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -23.711+/-0.153 χ^2/NDF:9119.4/21

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

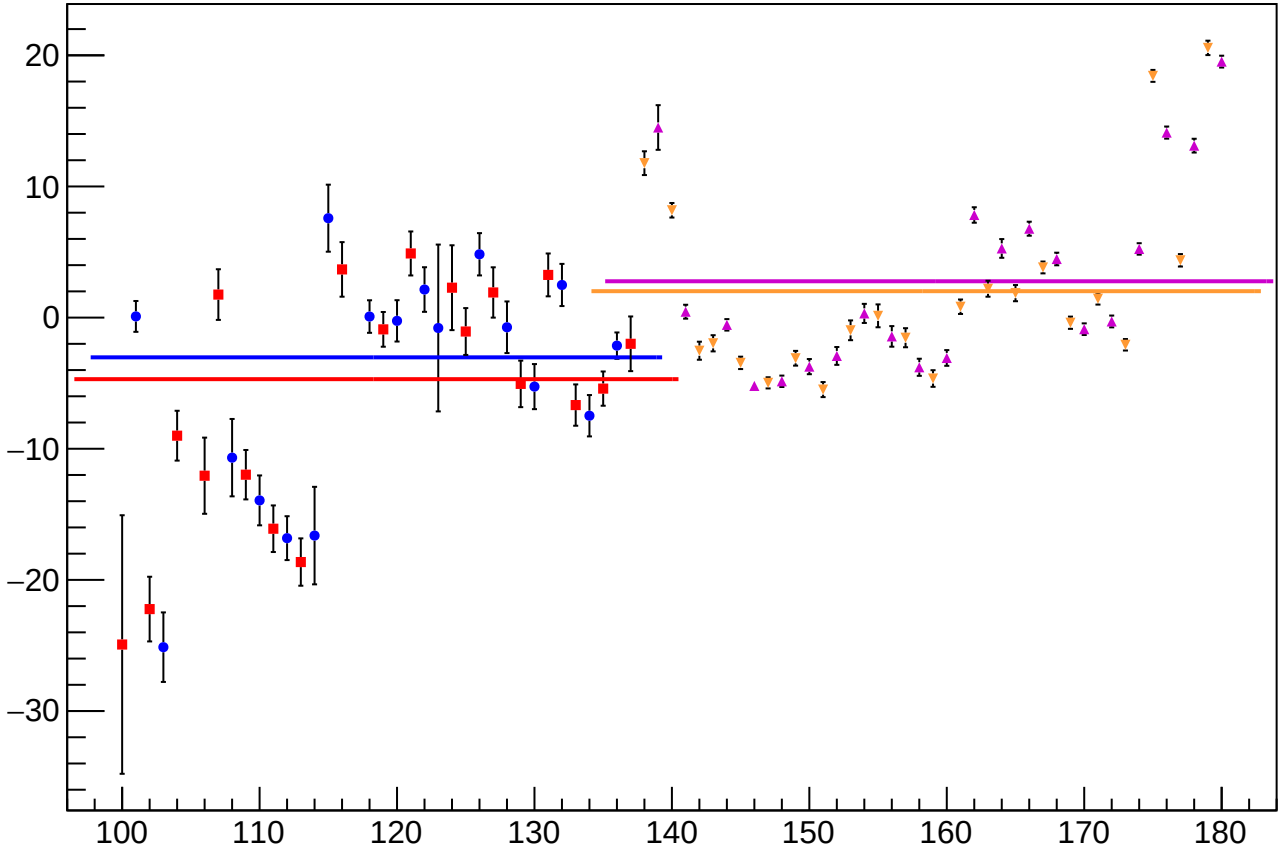
Left In: -25.077+/-0.147 χ^2/NDF:9489.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -24.424+/-0.106 χ^2/NDF: 18650.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.030+/-0.408 χ^2/NDF: 280.8/16

Left Out: 2.015+/-0.117 χ^2/NDF:3737.4/21

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

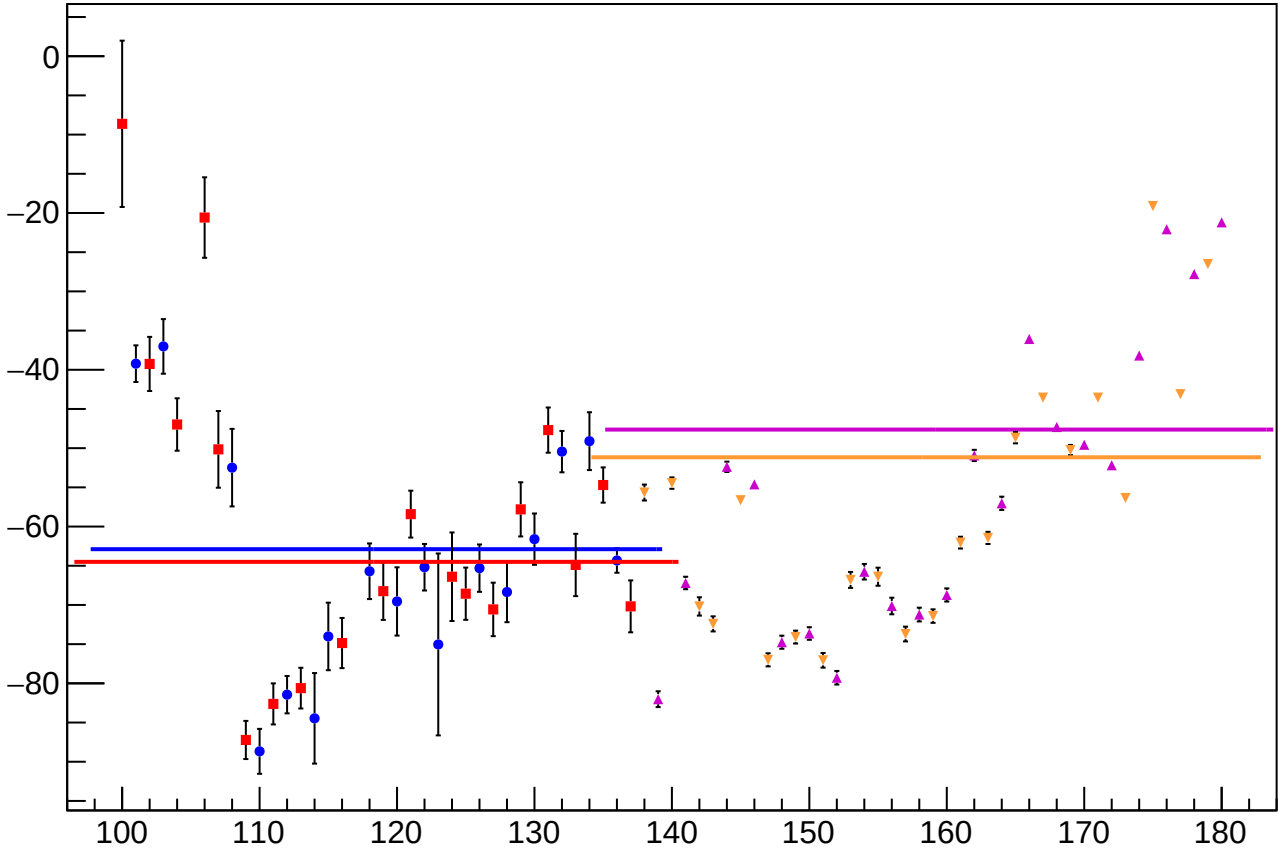
Left In: 2.771+/-0.114 χ^2/NDF:3975.7/20

+ sign 1.634+/-0.112 χ^2/NDF: 4159.8/38

All: 1.956+/-0.079 χ^2/NDF: 8735.6/78

- sign 2.269+/-0.111 χ^2/NDF: 4559.5/39

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -51.162+/-0.153 χ^2/NDF:12253.9/21

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

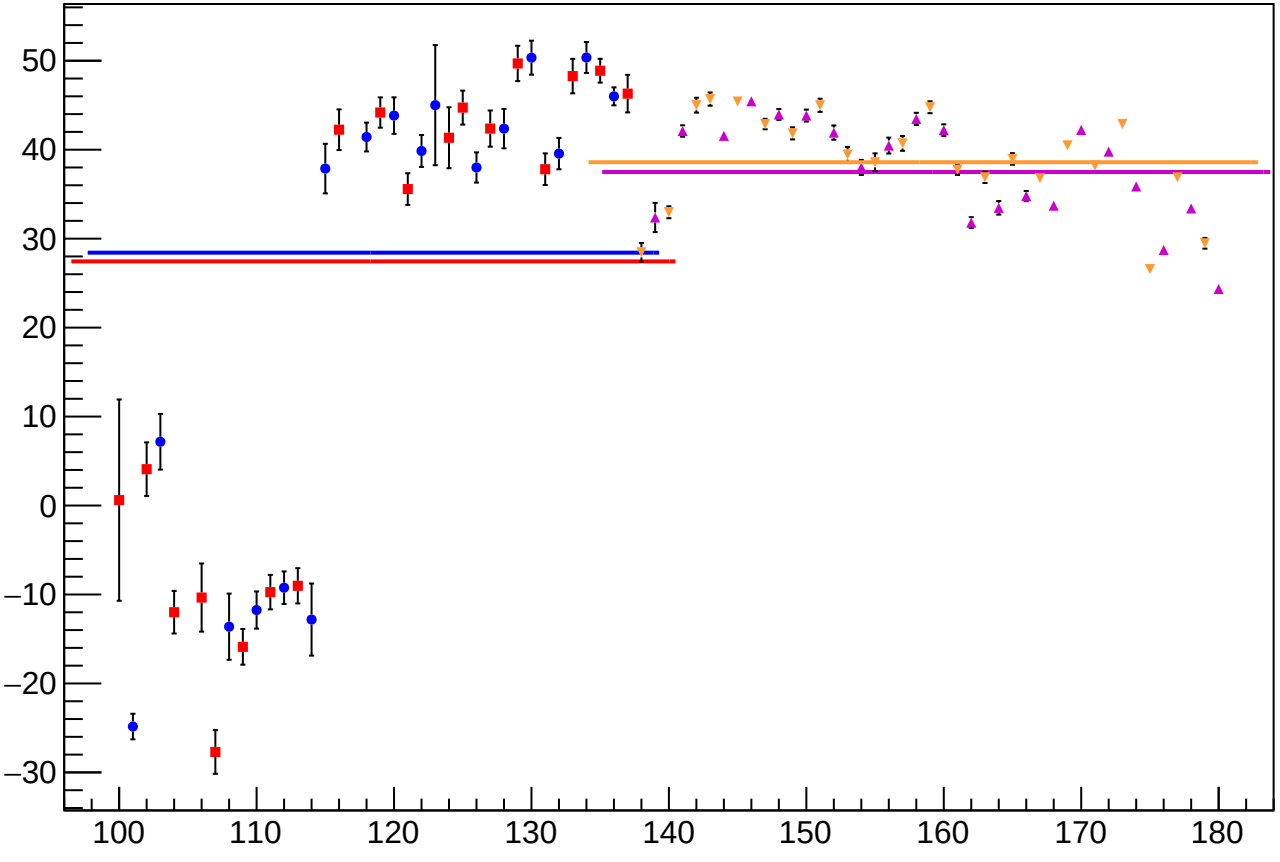
Left In: -47.628+/-0.147 χ^2/NDF:15544.6/20

+ sign -51.646+/-0.150 χ^2/NDF: 12864.6/38

All: -49.875+/-0.104 χ^2/NDF: 29607.2/78

- sign -48.246+/-0.144 χ^2/NDF: 16474.8/39

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 38.593+/-0.132 χ^2/NDF:1705.2/21

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

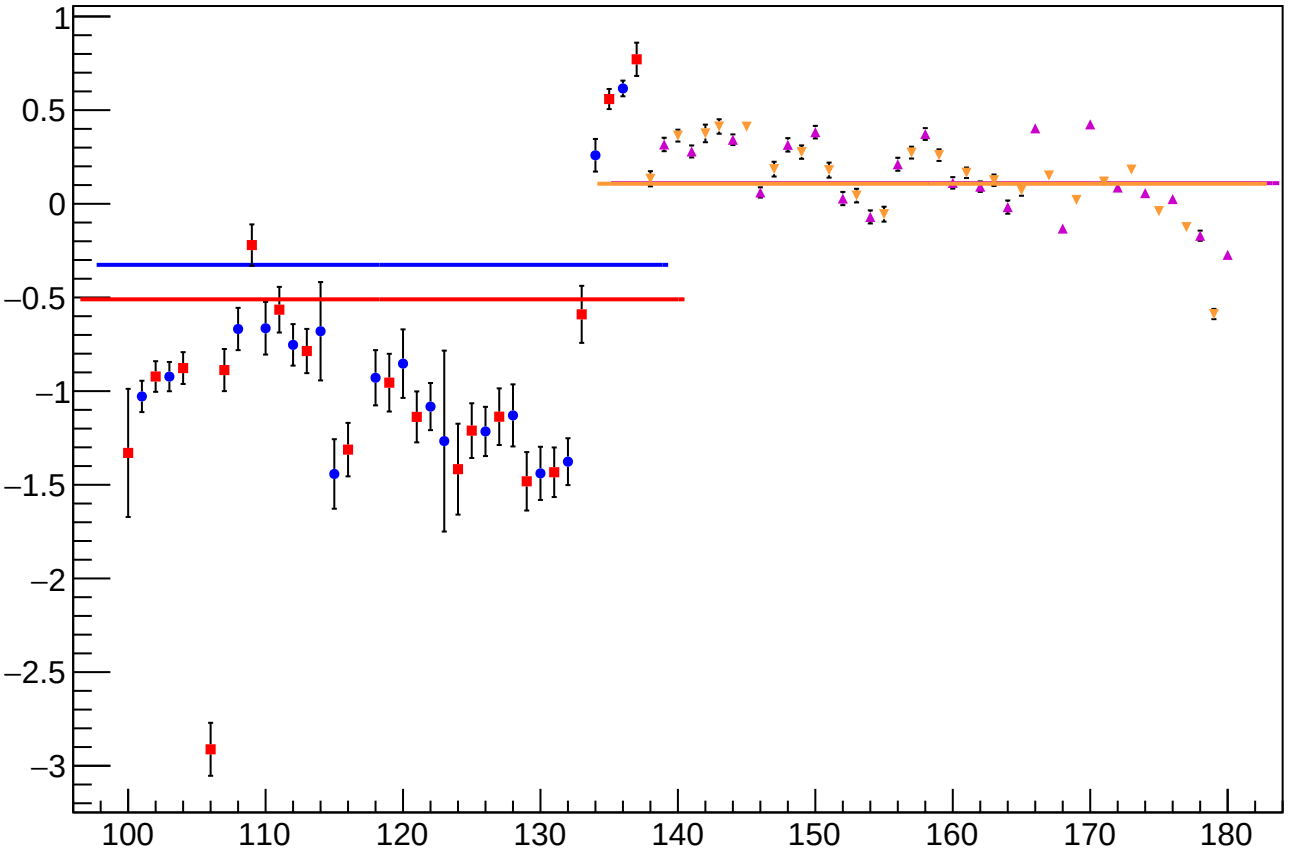
Left In: 37.491+/-0.129 χ^2/NDF:2199.3/20

+ sign 37.810+/-0.127 χ^2/NDF: 5492.2/38

All: 37.301+/-0.089 χ^2/NDF: 11167.2/78

- sign 36.808+/-0.125 χ^2/NDF: 5643.2/39

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.107+/-0.006 χ^2/NDF:1255.1/21

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

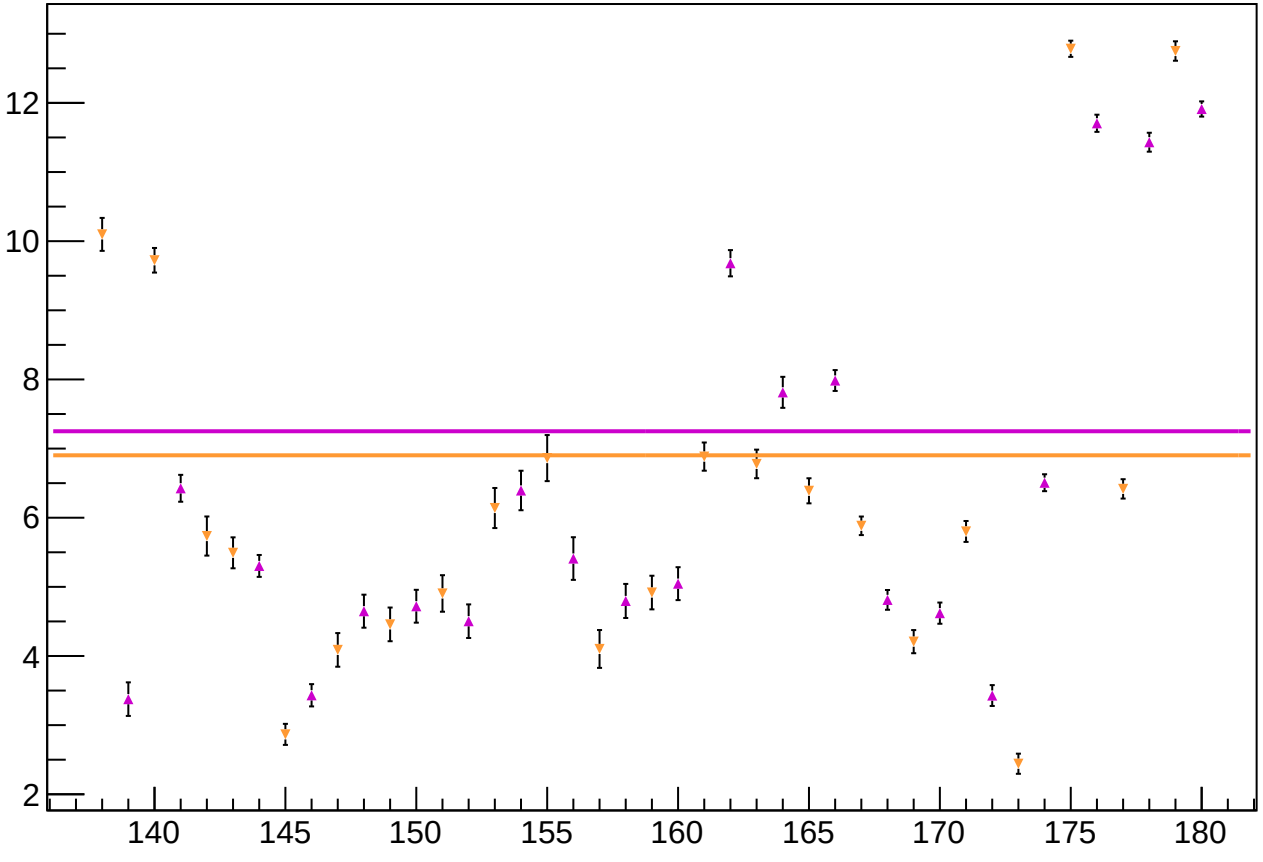
Left In: 0.110+/-0.006 χ^2/NDF:1221.2/20

+ sign 0.083+/-0.006 χ^2/NDF: 2553.6/38

All: 0.081+/-0.004 χ^2/NDF: 5497.4/78

- sign 0.079+/-0.006 χ^2/NDF: 2943.6/39

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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

Left Out: 6.903+/-0.039 χ^2/NDF:7241.1/21

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

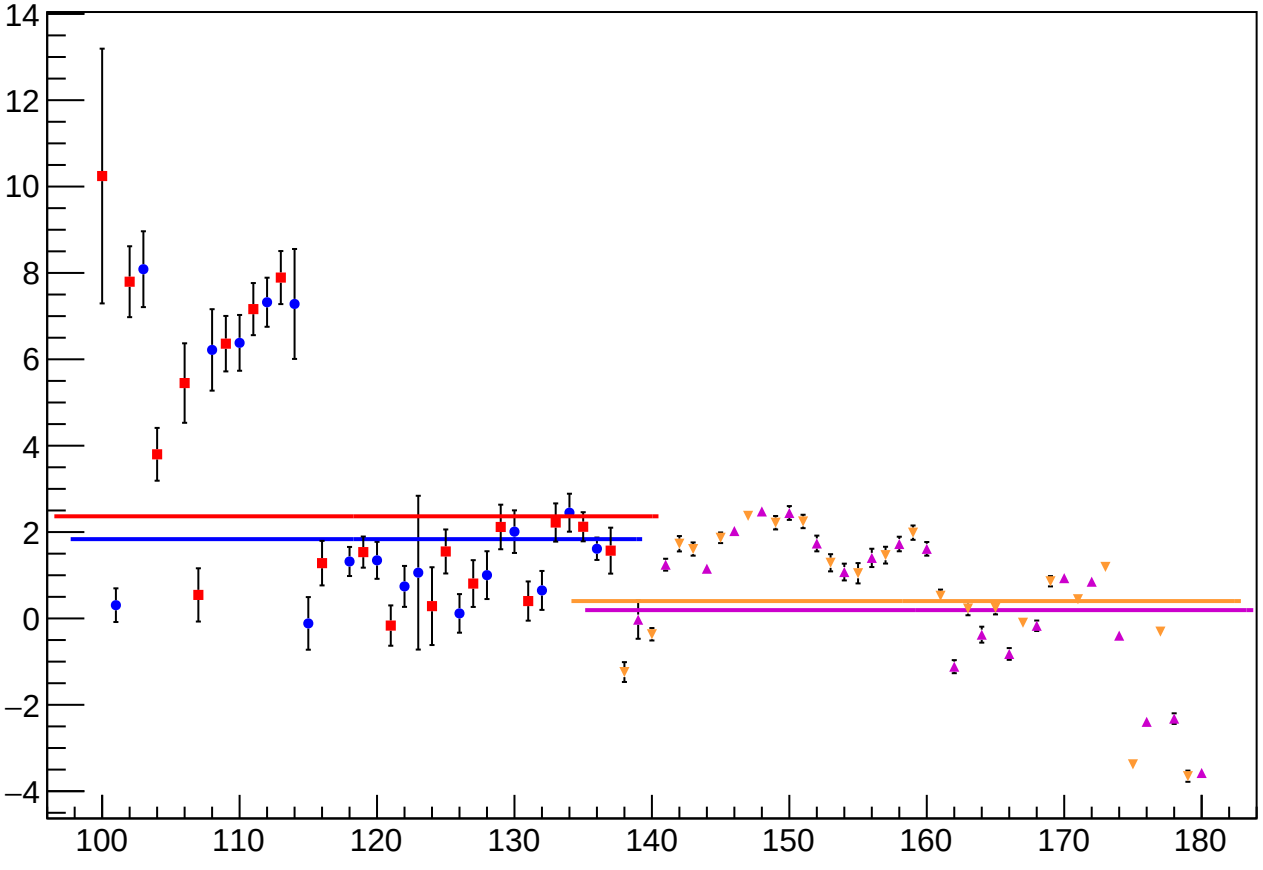
Left In: 7.251+/-0.037 χ^2/NDF:7044.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.085+/-0.027 χ^2/NDF: 14327.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836+/-0.116 χ^2/NDF: 294.9/16

Left Out: 0.402+/-0.030 χ^2/NDF:3295.2/21

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

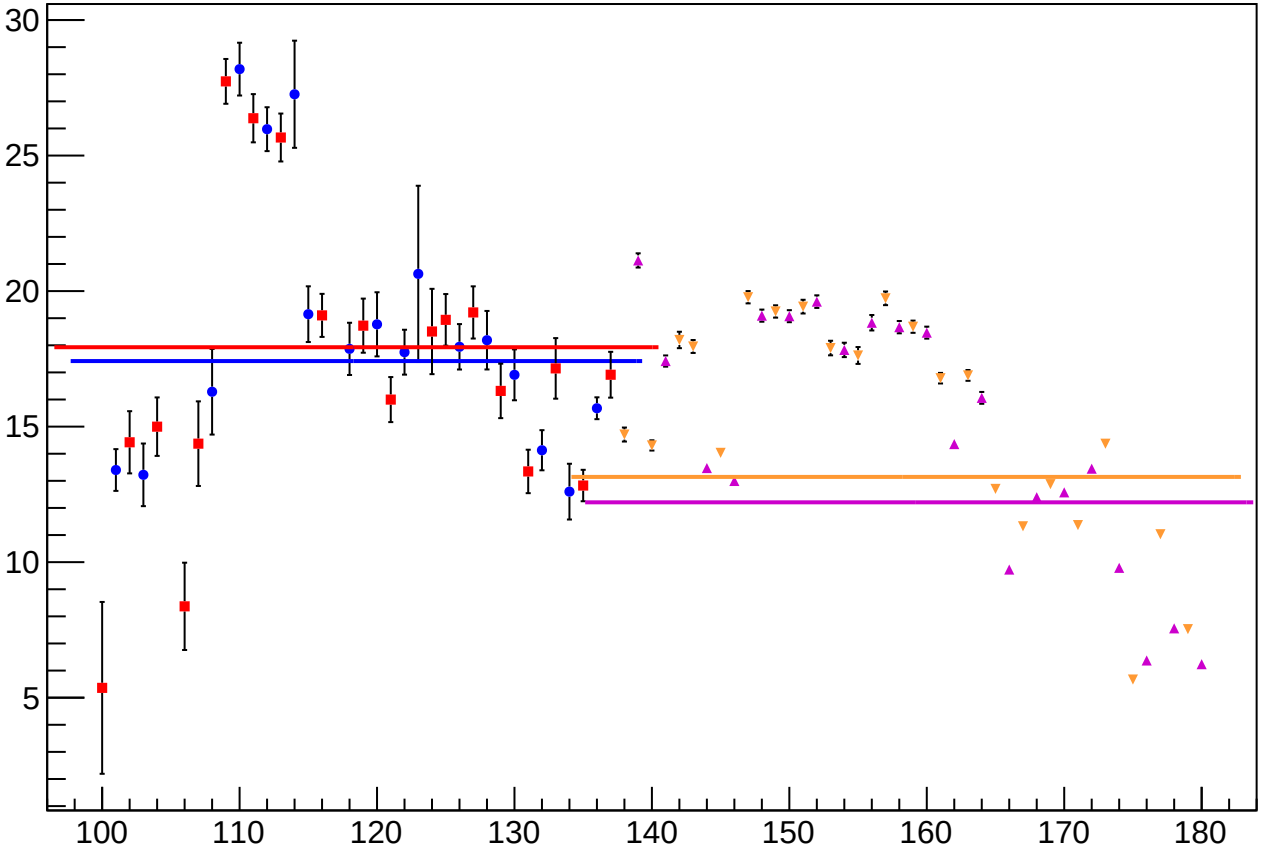
Left In: 0.193+/-0.029 χ^2/NDF:3763.3/20

+ sign 0.491+/-0.029 χ^2/NDF: 3733.3/38

All: 0.399+/-0.020 χ^2/NDF: 8150.0/78

- sign 0.309+/-0.028 χ^2/NDF: 4396.7/39

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 13.145+/-0.039 χ^2/NDF:11799.0/21

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

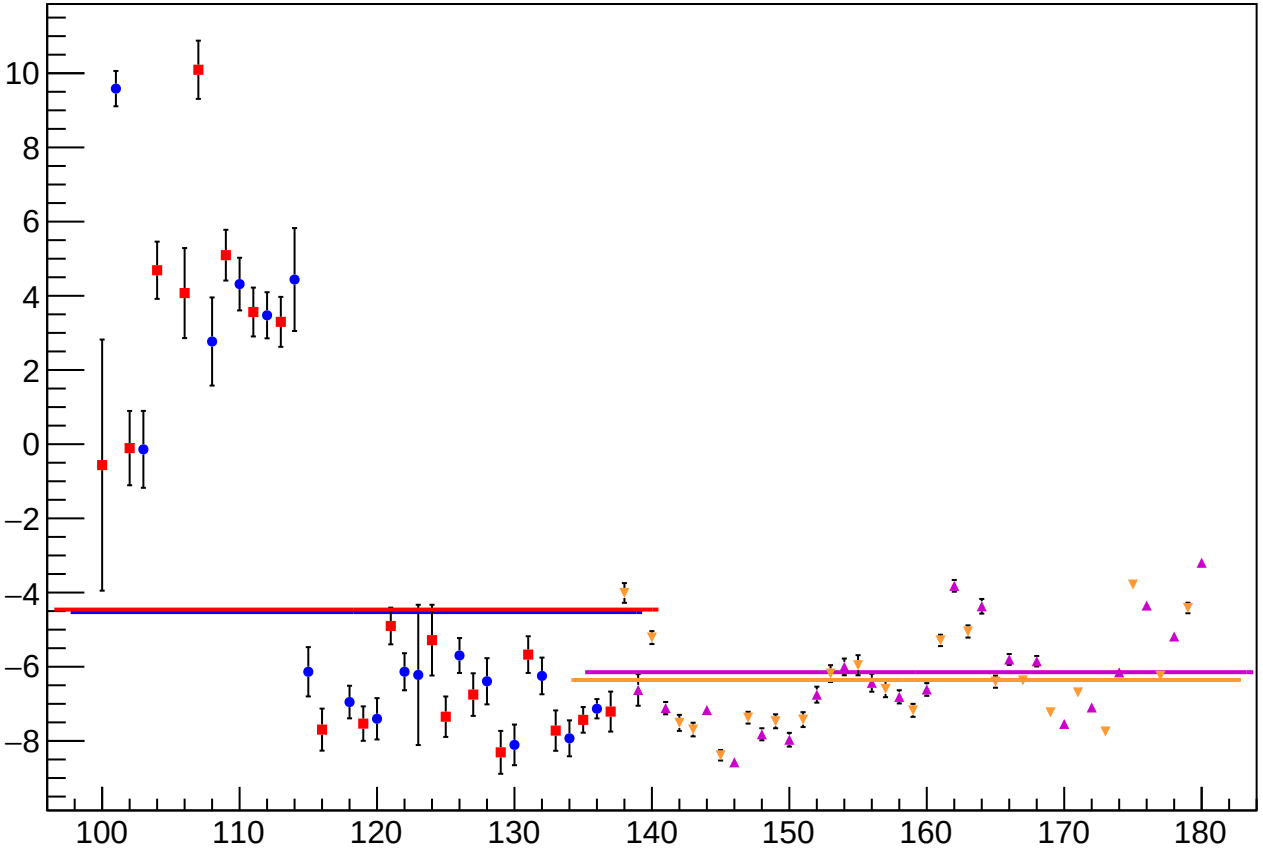
Left In: 12.207+/-0.037 χ^2/NDF:14886.1/20

+ sign 13.285+/-0.038 χ^2/NDF: 12559.9/38

All: 12.805+/-0.026 χ^2/NDF: 28916.0/78

- sign 12.367+/-0.037 χ^2/NDF: 16056.6/39

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526+/-0.130 χ^2/NDF: 1590.2/16

Left Out: -6.357+/-0.034 χ^2/NDF:1495.0/21

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

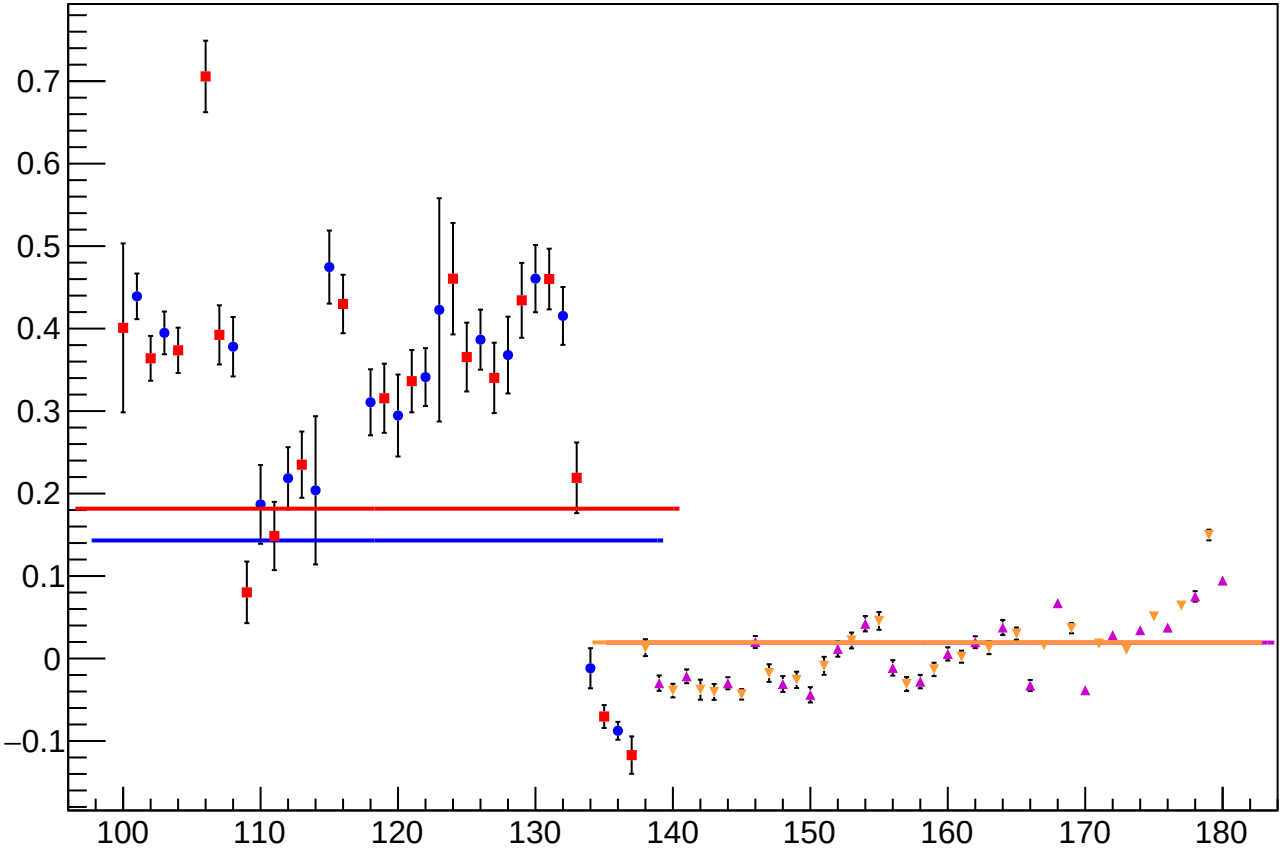
Left In: -6.147+/-0.033 χ^2/NDF:2133.4/20

+ sign -6.241+/-0.033 χ^2/NDF: 3272.4/38

All: -6.146+/-0.023 χ^2/NDF: 6904.8/78

- sign -6.055+/-0.032 χ^2/NDF: 3615.9/39

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143+/-0.007 χ^2/NDF: 1060.4/16

Left Out: 0.020+/-0.002 χ^2/NDF:836.4/21

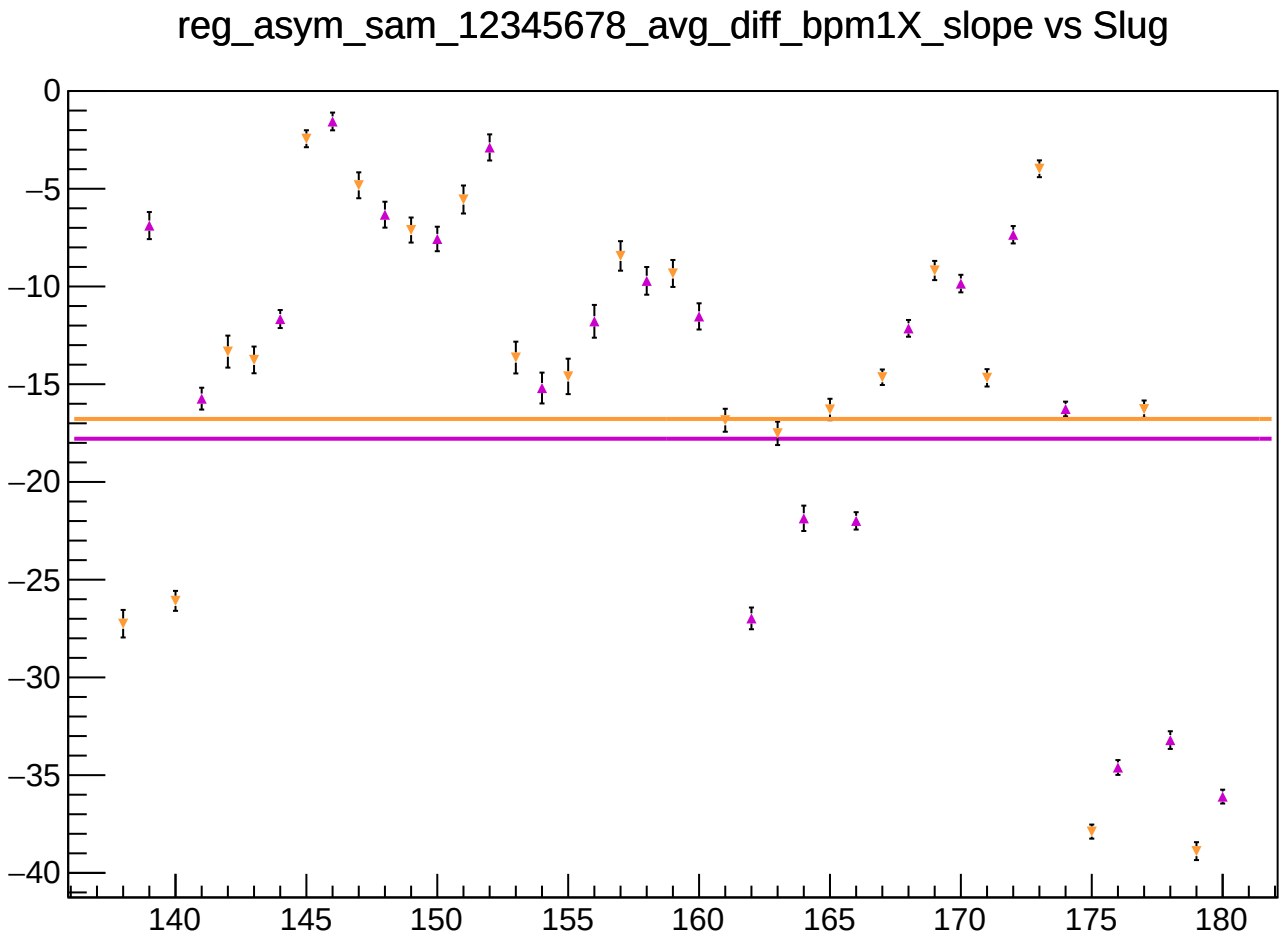
Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: 0.019+/-0.002 χ^2/NDF:765.7/20

+ sign 0.025+/-0.002 χ^2/NDF: 2189.8/38

All: 0.026+/-0.001 χ^2/NDF: 4426.9/78

- sign 0.026+/-0.001 χ^2/NDF: 2237.1/39



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

Left Out: -16.776+/-0.115 χ^2/NDF:9678.8/21

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

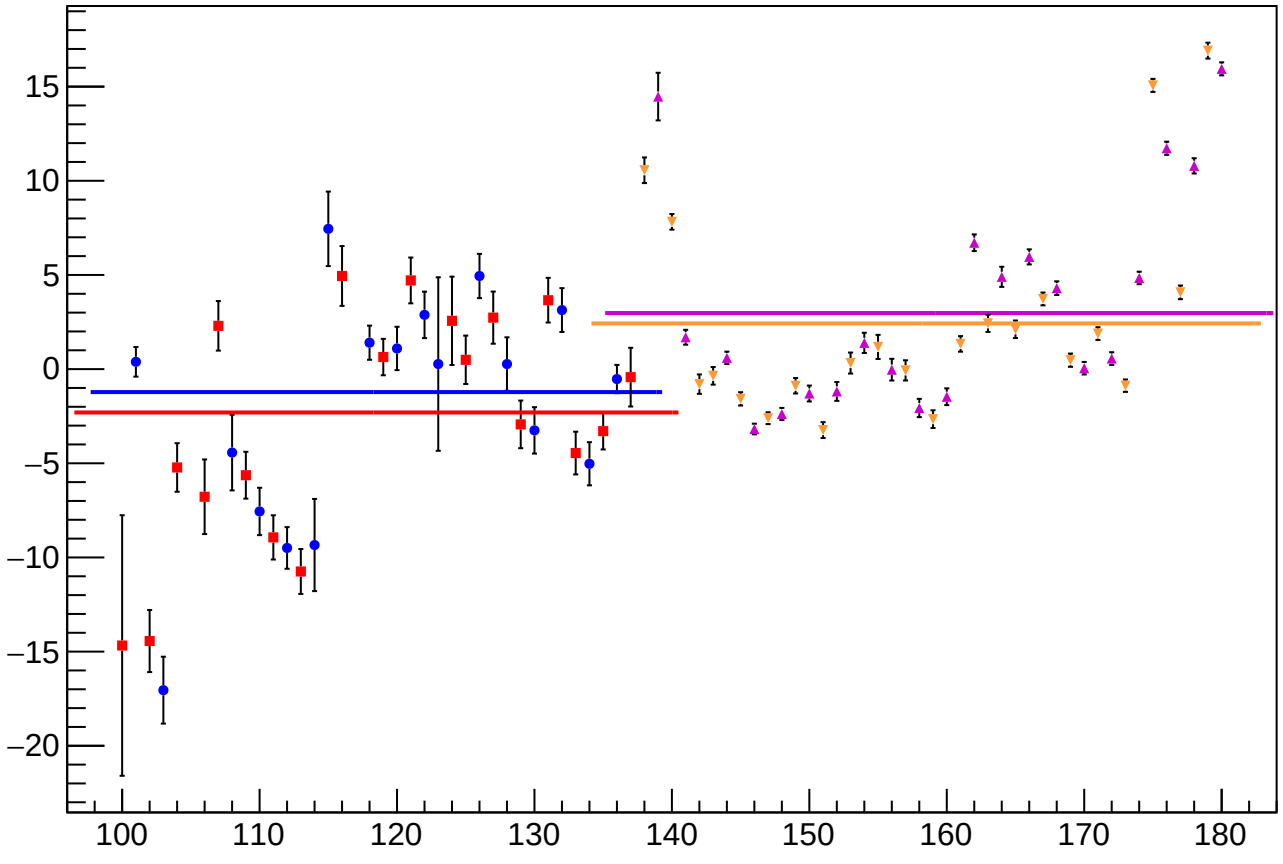
Left In: -17.789+/-0.110 χ^2/NDF:10306.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -17.303+/-0.080 χ^2/NDF: 20025.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.220+/-0.290 χ^2/NDF: 278.6/16

Left Out: 2.426+/-0.087 χ^2/NDF:3857.1/21

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

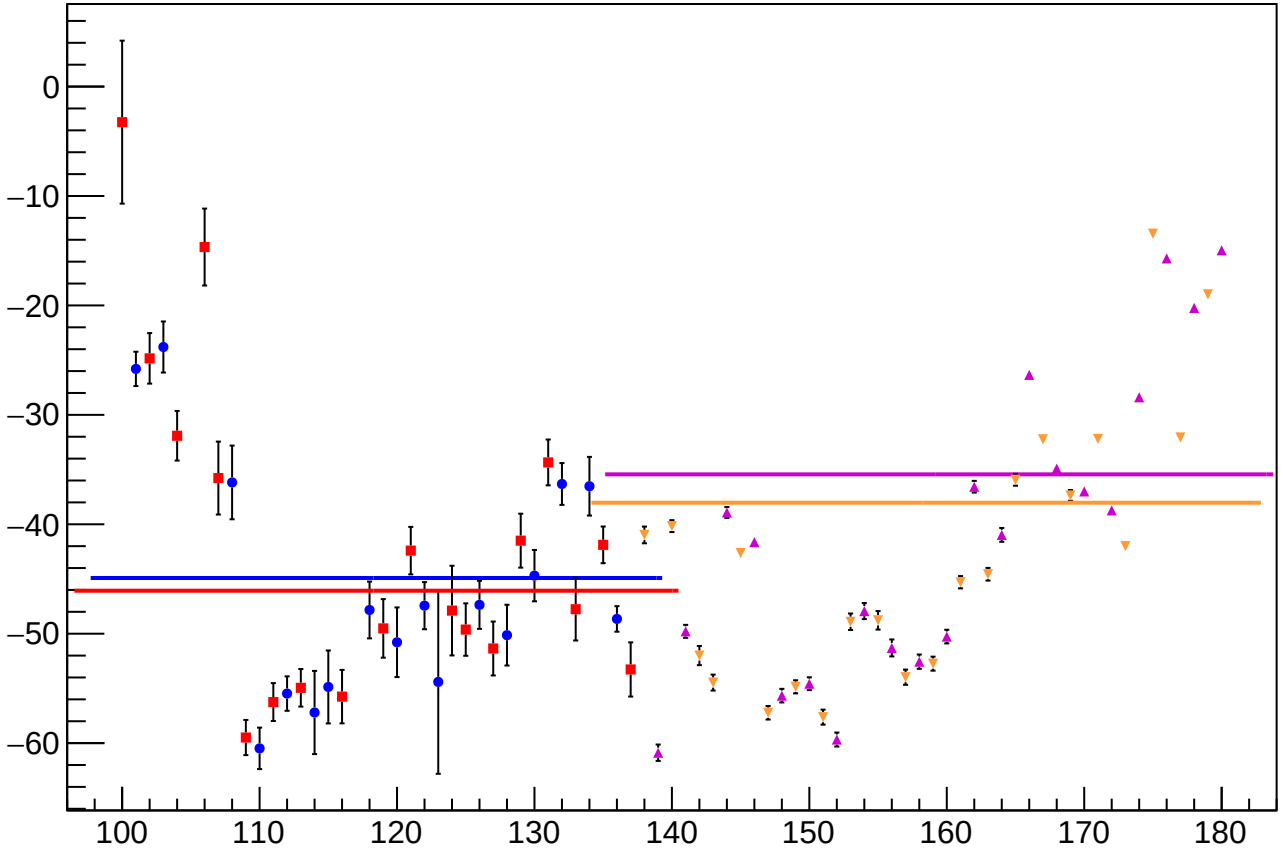
Left In: 2.977+/-0.086 χ^2/NDF:4015.7/20

+ sign 2.123+/-0.084 χ^2/NDF: 4280.6/38

All: 2.356+/-0.059 χ^2/NDF: 8879.9/78

- sign 2.583+/-0.083 χ^2/NDF: 4583.9/39

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -38.028+/-0.115 χ^2/NDF:12251.8/21

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

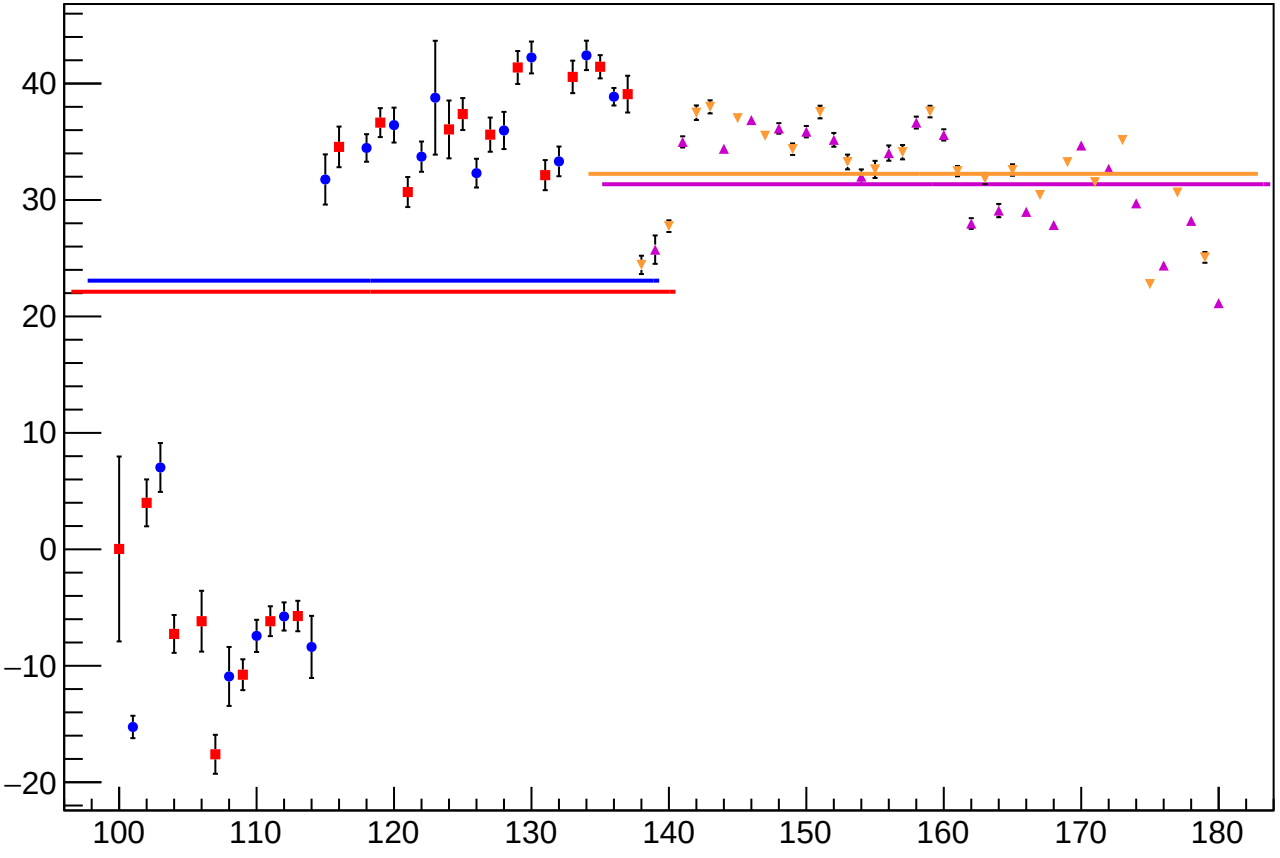
Left In: -35.437+/-0.110 χ^2/NDF:15632.5/20

+ sign -38.346+/-0.112 χ^2/NDF: 12838.4/38

All: -37.064+/-0.078 χ^2/NDF: 29563.9/78

- sign -35.881+/-0.108 χ^2/NDF: 16474.8/39

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 32.247+/-0.099 χ^2/NDF:1827.6/21

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

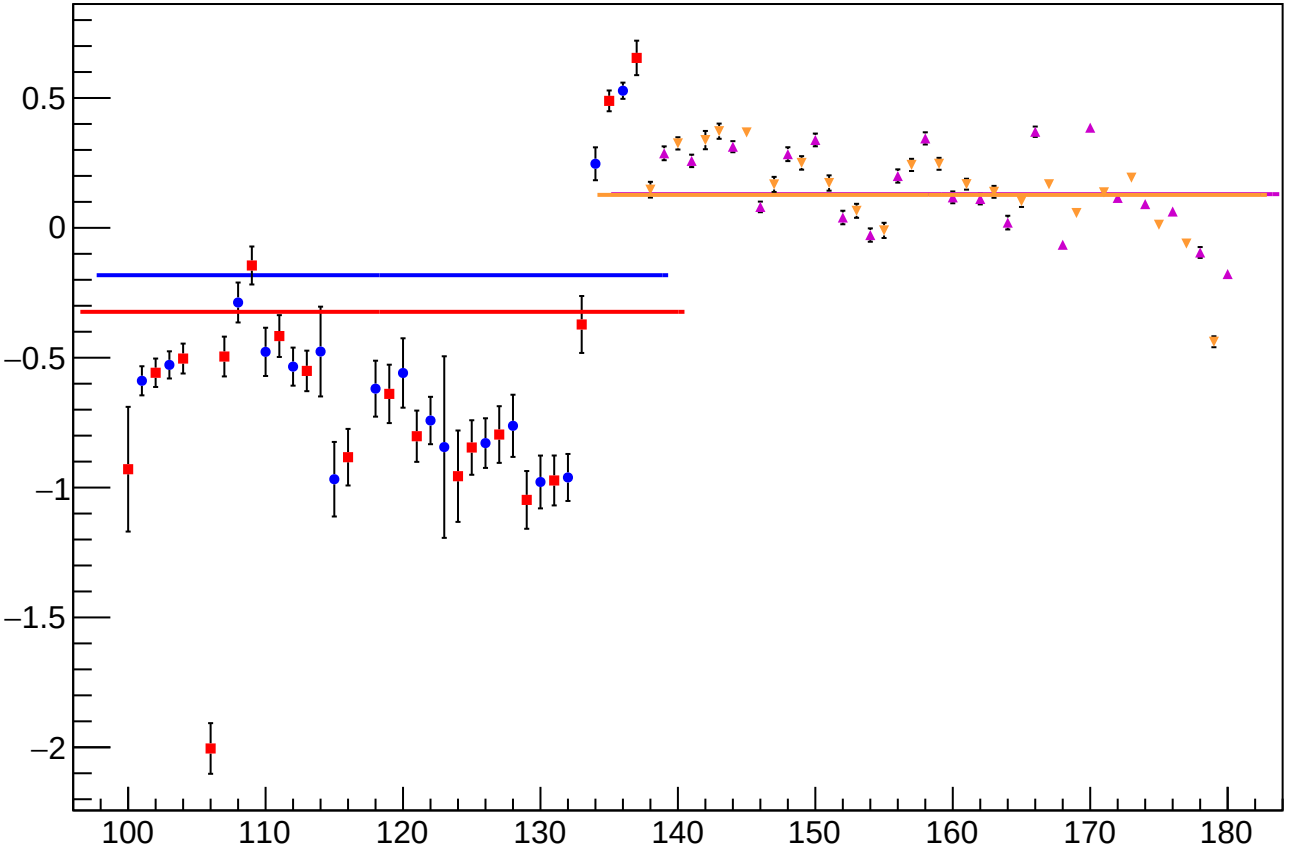
Left In: 31.354+/-0.097 χ^2/NDF:2272.5/20

+ sign 31.473+/-0.095 χ^2/NDF: 6898.6/38

All: 31.059+/-0.066 χ^2/NDF: 13925.3/78

- sign 30.657+/-0.093 χ^2/NDF: 6989.0/39

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.127+/-0.005 χ^2/NDF:1392.8/21

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

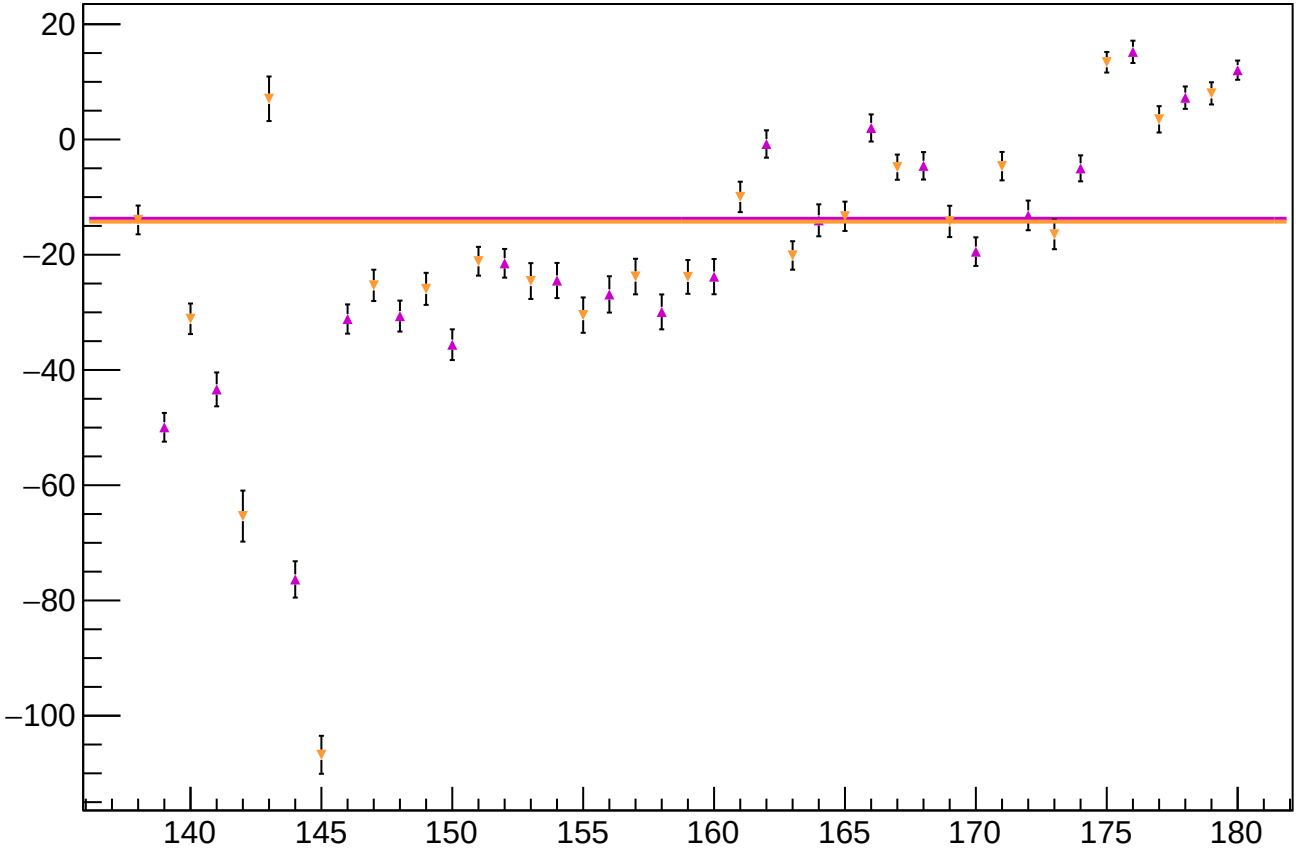
Left In: 0.130+/-0.004 χ^2/NDF:1391.2/20

+ sign 0.108+/-0.004 χ^2/NDF: 2676.4/38

All: 0.106+/-0.003 χ^2/NDF: 5839.6/78

- sign 0.104+/-0.004 χ^2/NDF: 3162.8/39

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -14.252+/-0.554 χ^2/NDF:1569.1/21

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

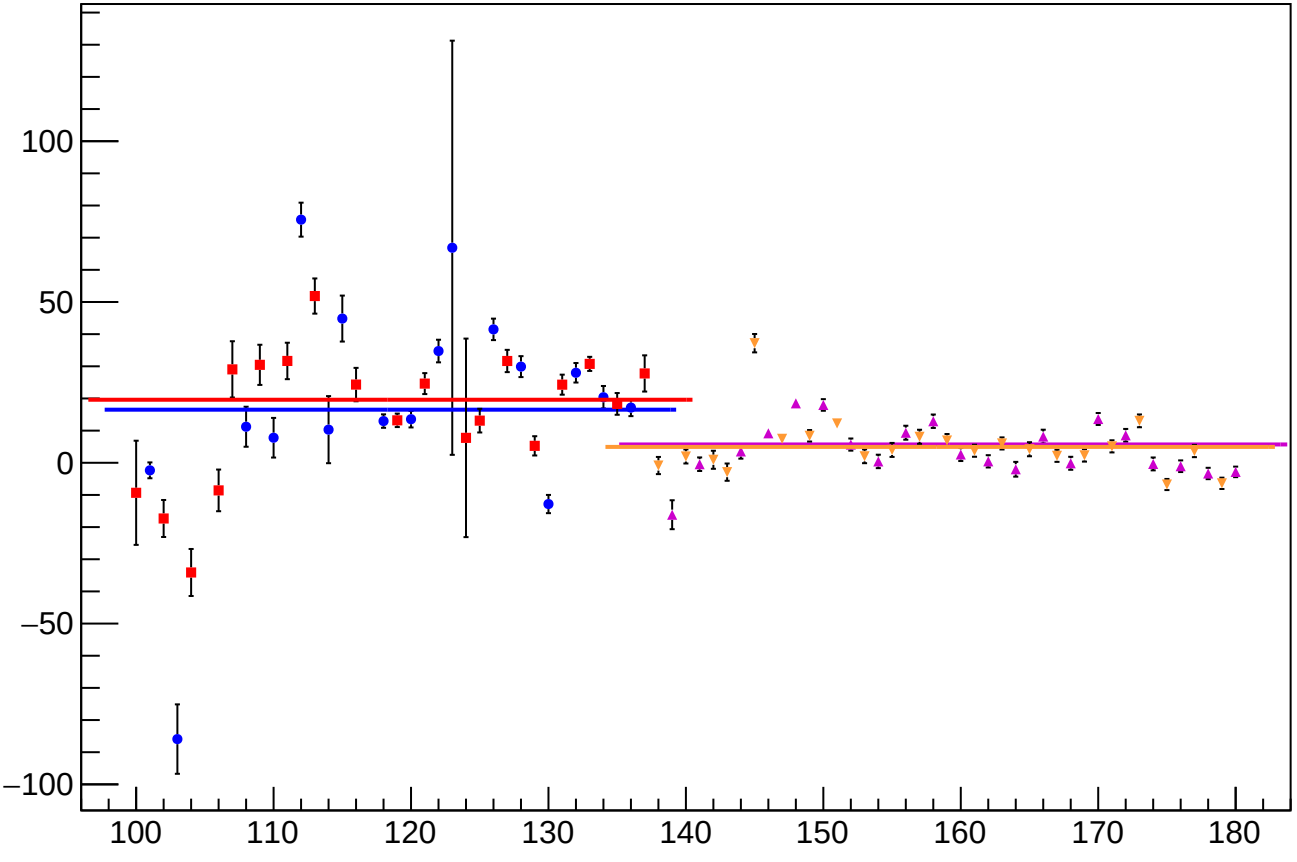
Left In: -13.765+/-0.537 χ^2/NDF:1628.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.001+/-0.386 χ^2/NDF: 3198.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 4.938+/-0.415 χ^2/NDF:292.3/21

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

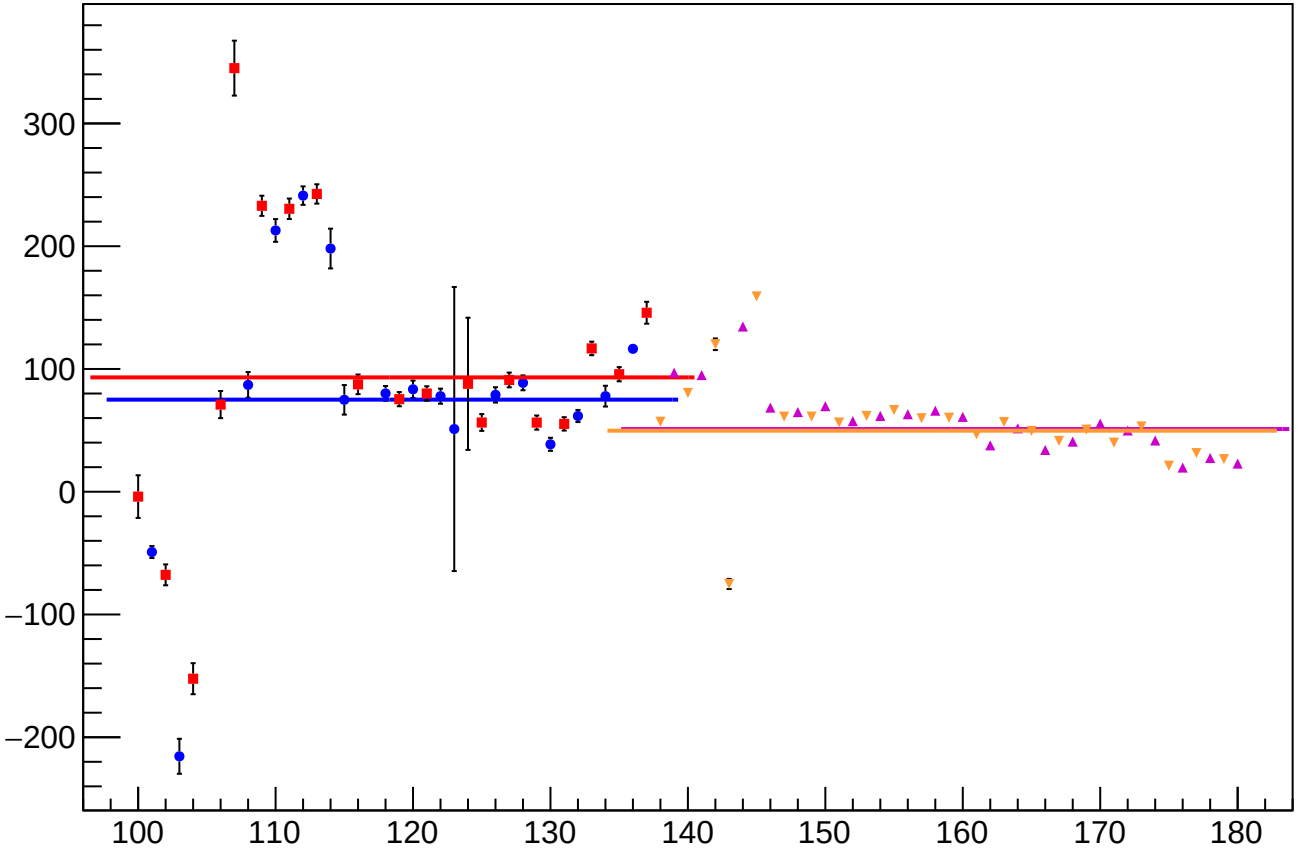
Left In: 5.698+/-0.418 χ^2/NDF:329.1/20

+ sign 7.174+/-0.372 χ^2/NDF: 962.5/38

All: 7.664+/-0.266 χ^2/NDF: 1734.0/78

- sign 8.172+/-0.379 χ^2/NDF: 768.0/39

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 49.726+/-0.547 χ^2/NDF:2920.4/21

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

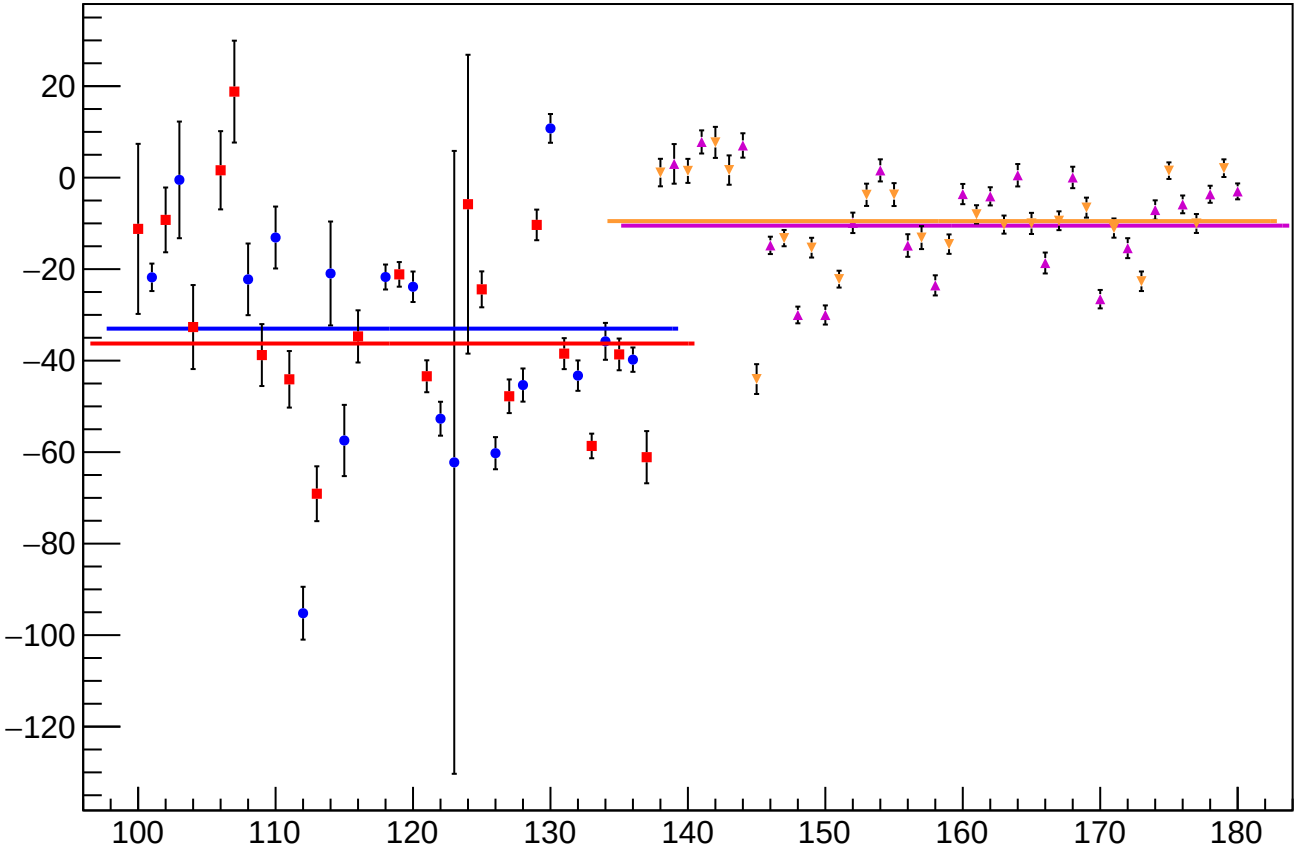
Left In: 51.060+/-0.532 χ^2/NDF:2144.5/20

+ sign 52.270+/-0.519 χ^2/NDF: 5134.5/38

All: 53.545+/-0.363 χ^2/NDF: 9844.7/78

- sign 54.765+/-0.508 χ^2/NDF: 4698.3/39

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -9.501+/-0.473 χ^2/NDF:371.4/21

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

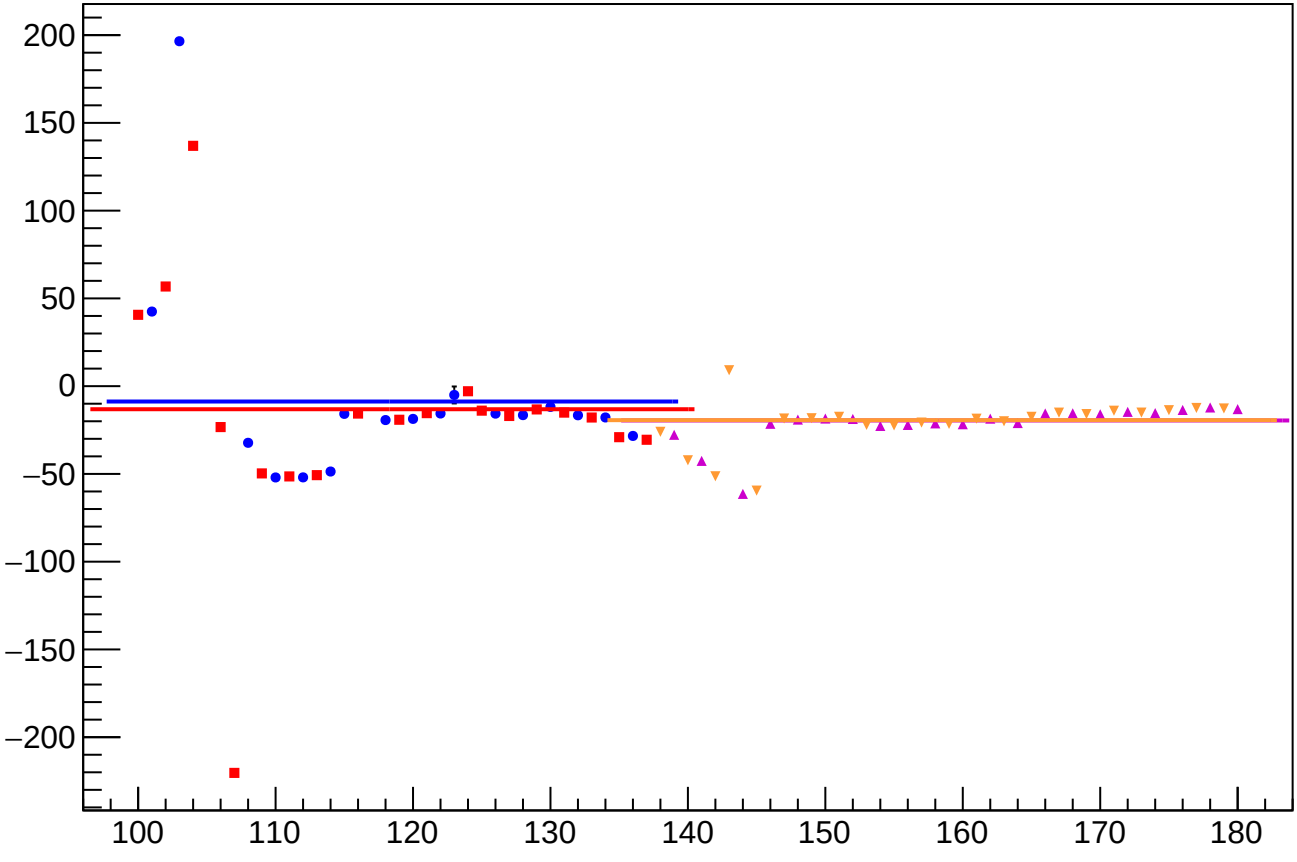
Left In: -10.491+/-0.473 χ^2/NDF:557.7/20

+ sign -14.009+/-0.426 χ^2/NDF: 1337.3/38

All: -14.509+/-0.302 χ^2/NDF: 2715.5/78

- sign -15.019+/-0.430 χ^2/NDF: 1375.5/39

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -19.371+/-0.022 χ^2/NDF:213497.4/21

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

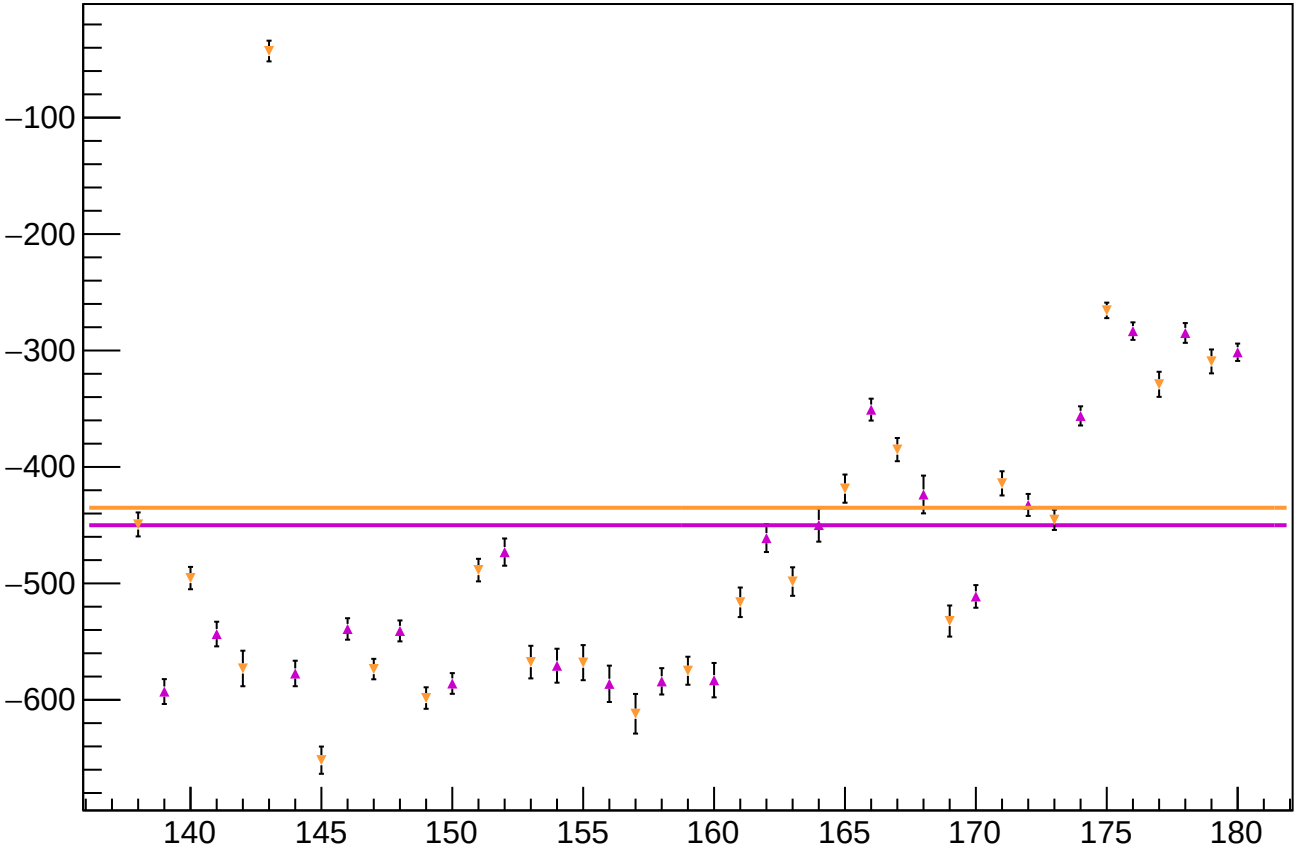
Left In: -19.551+/-0.021 χ^2/NDF:152204.3/20

+ sign -18.083+/-0.020 χ^2/NDF: 818172.0/38

All: -18.476+/-0.014 χ^2/NDF: 1539346.7/78

- sign -18.861+/-0.020 χ^2/NDF: 720447.2/39

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -435.027+/-2.246 χ^2/NDF:4461.8/21

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

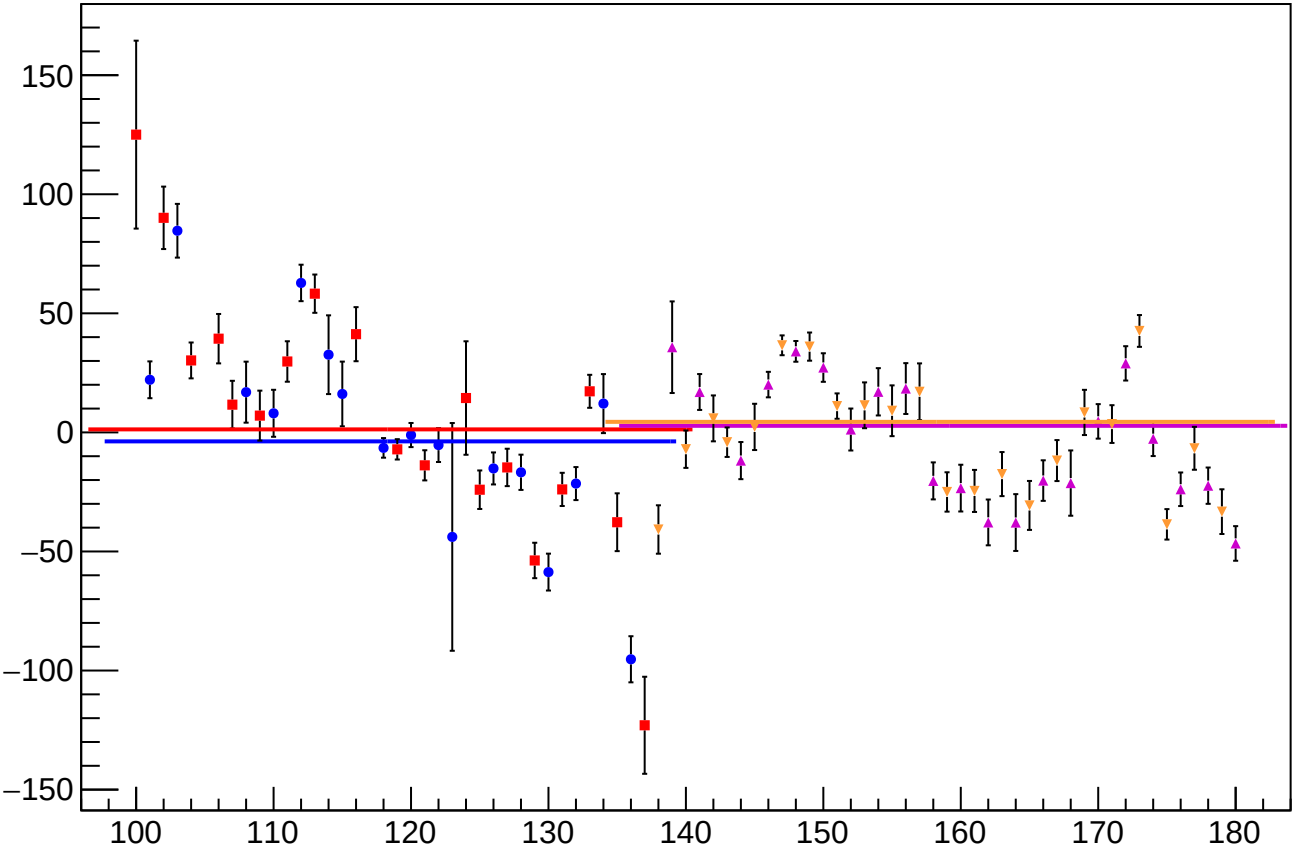
Left In: -450.039+/-2.212 χ^2/NDF:2744.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -442.647+/-1.576 χ^2/NDF: 7229.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: 4.431+/-1.620 χ^2/NDF:255.6/21

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

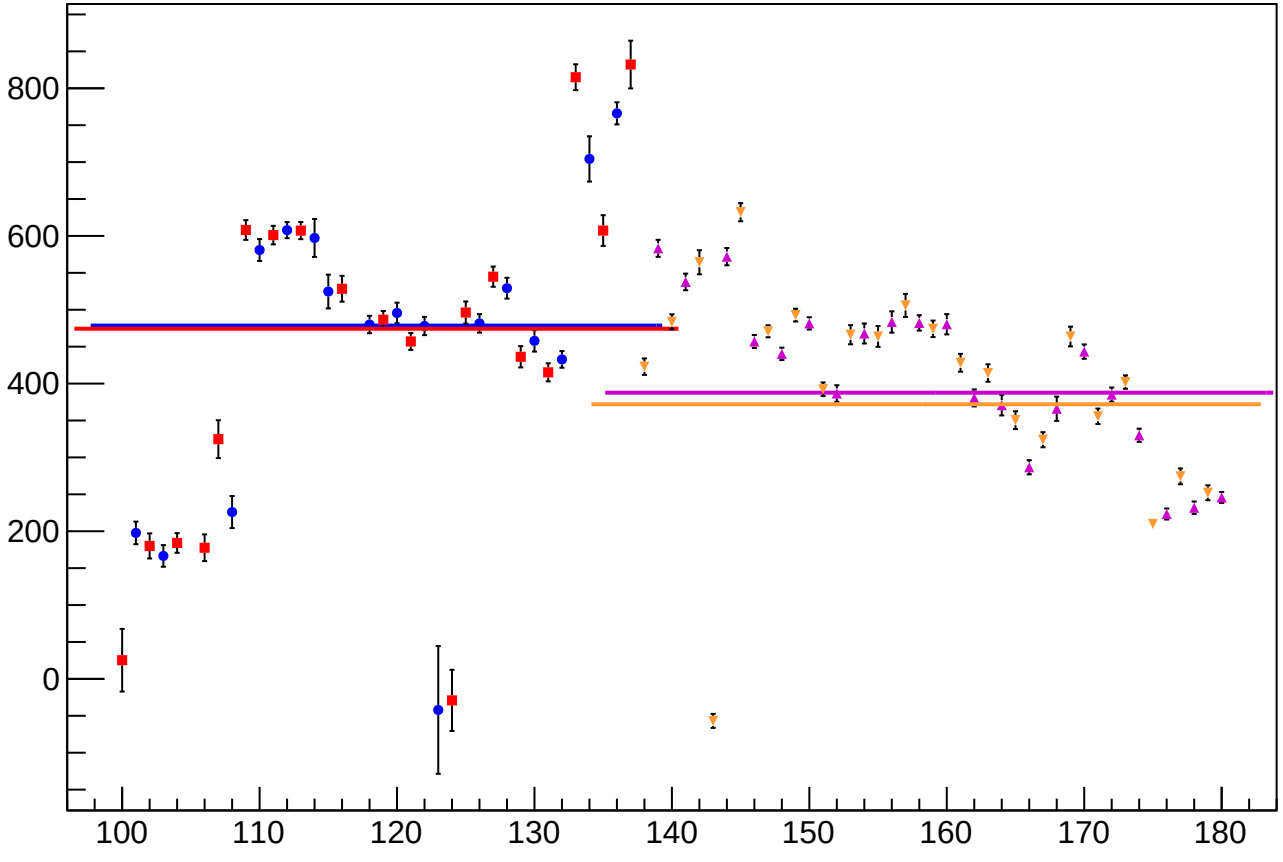
Left In: 2.768+/-1.664 χ^2/NDF:233.9/20

+ sign 0.954+/-1.229 χ^2/NDF: 580.8/38

All: 1.526+/-0.879 χ^2/NDF: 1119.2/78

- sign 2.124+/-1.257 χ^2/NDF: 538.0/39

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 371.950+/-2.232 χ^2/NDF:4302.3/21

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

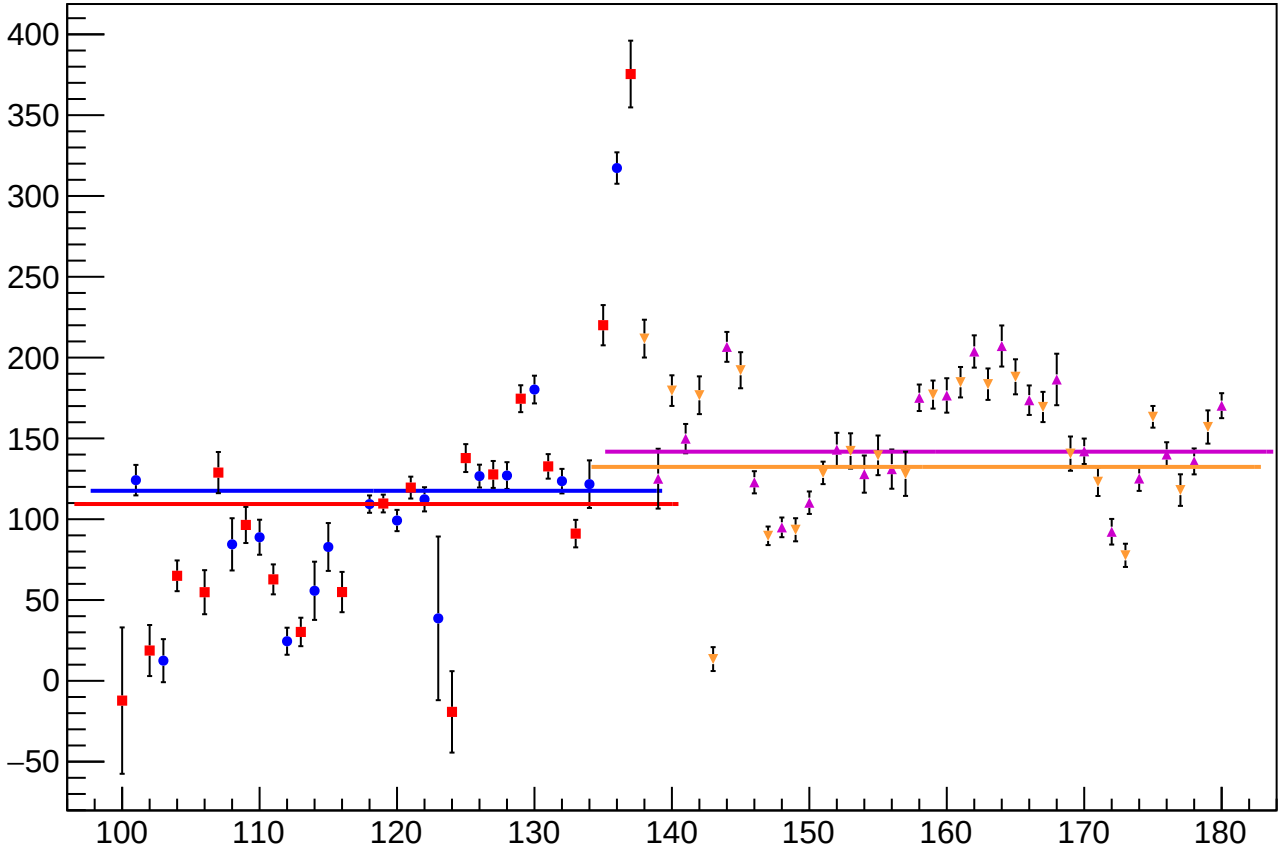
Left In: 387.670+/-2.192 χ^2/NDF:2529.9/20

+ sign 401.189+/-1.901 χ^2/NDF: 6556.8/38

All: 406.583+/-1.331 χ^2/NDF: 11824.1/78

- sign 411.760+/-1.863 χ^2/NDF: 5251.5/39

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 132.370+/-1.885 χ^2/NDF:675.0/21

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

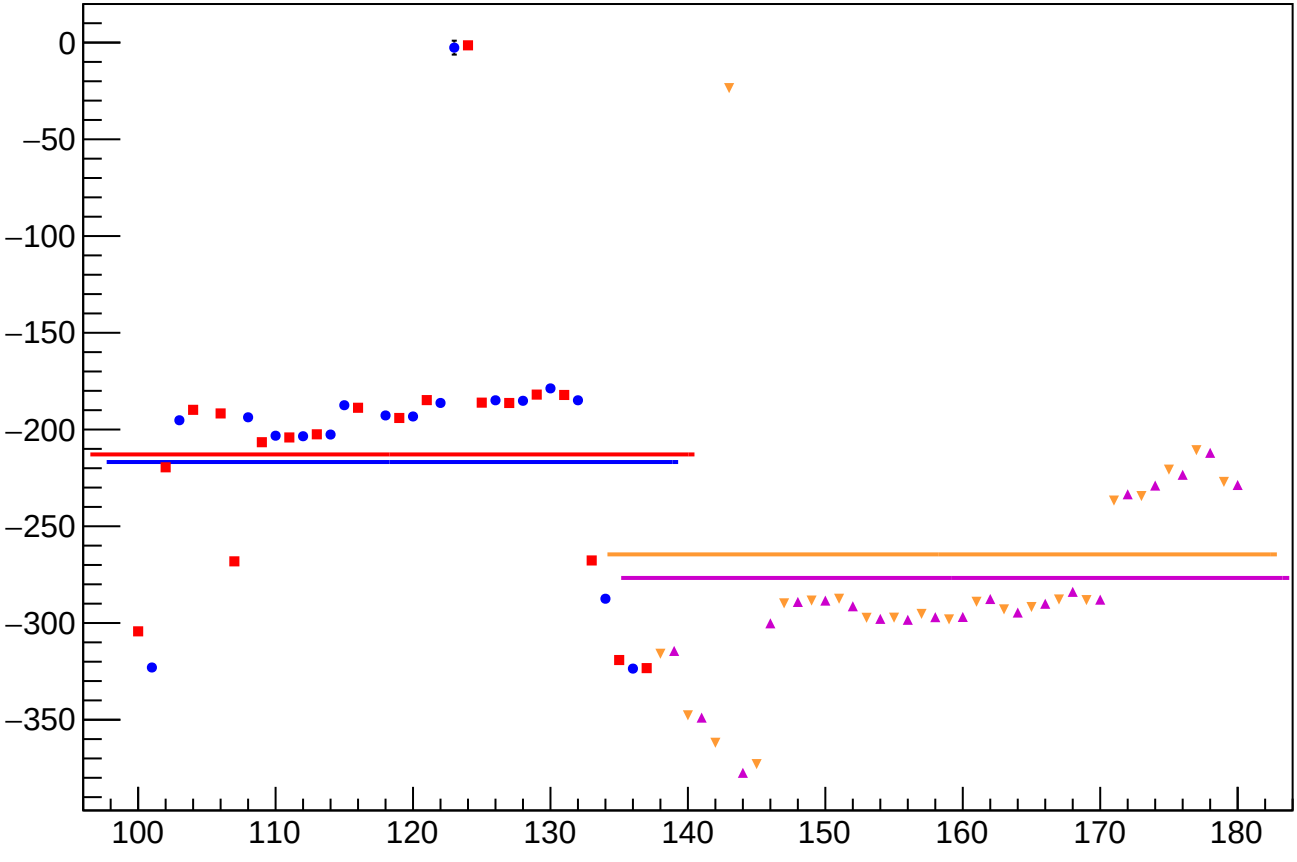
Left In: 141.784+/-1.911 χ^2/NDF:310.4/20

+ sign 126.087+/-1.429 χ^2/NDF: 1408.0/38

All: 126.997+/-1.016 χ^2/NDF: 2413.3/78

- sign 127.927+/-1.445 χ^2/NDF: 1004.5/39

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -264.529+/-0.091 χ^2/NDF:623643.0/21

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

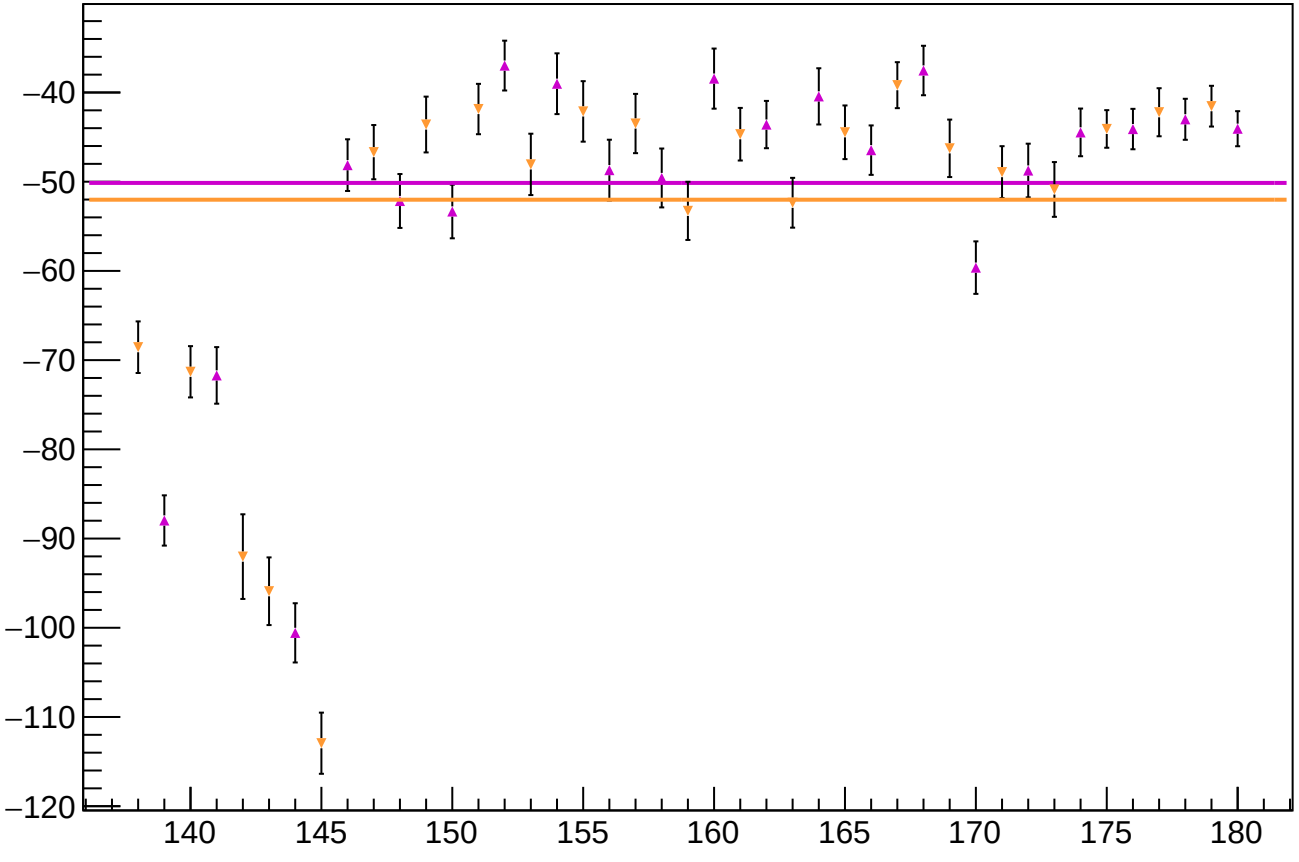
Left In: -276.708+/-0.089 χ^2/NDF:197291.4/20

+ sign -249.818+/-0.075 χ^2/NDF: 856278.2/38

All: -253.113+/-0.053 χ^2/NDF: 1337250.6/78

- sign -256.264+/-0.074 χ^2/NDF: 477227.0/39

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -52.018+/-0.631 χ^2/NDF:728.6/21

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

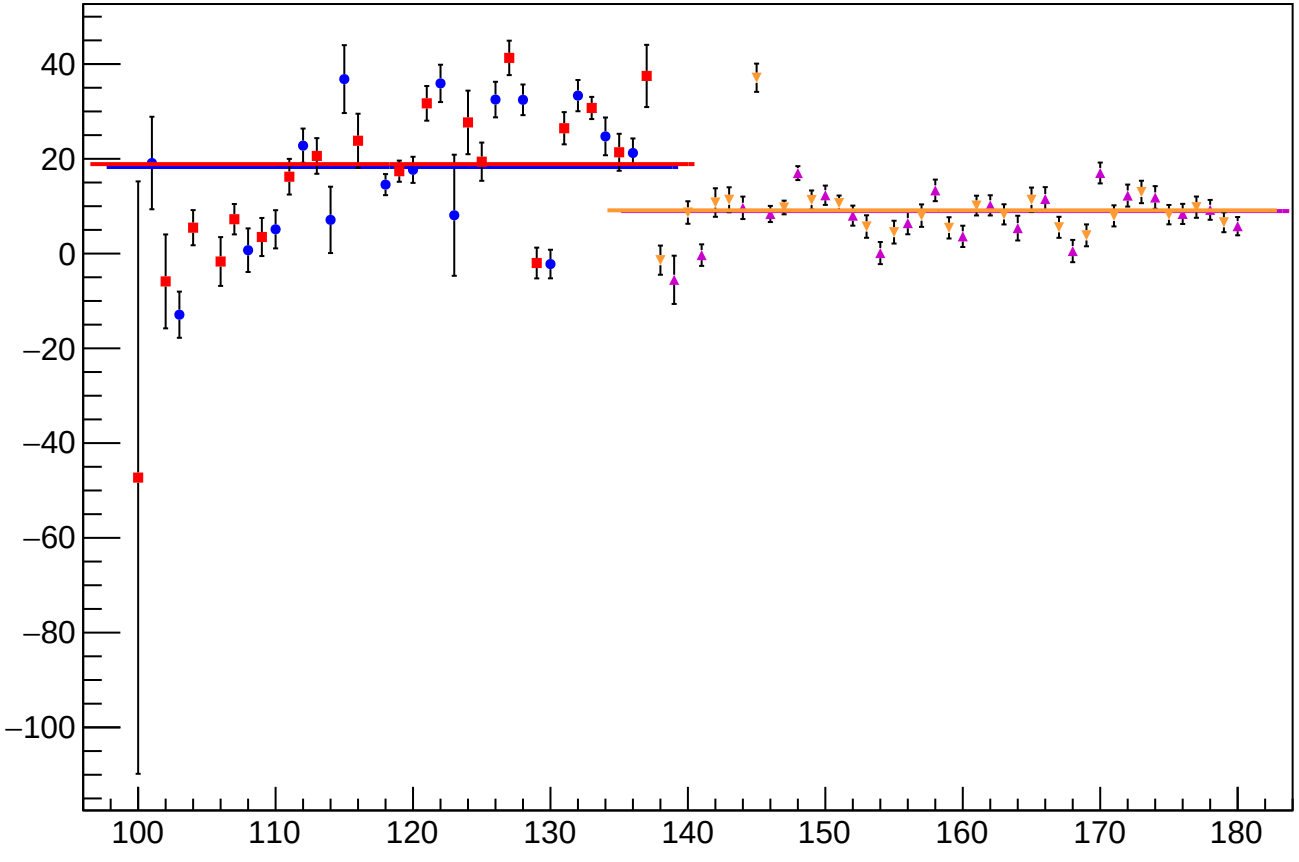
Left In: -50.137+/-0.614 χ^2/NDF:583.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -51.052+/-0.440 χ^2/NDF: 1317.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 9.128+/-0.470 χ^2/NDF:125.4/21

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

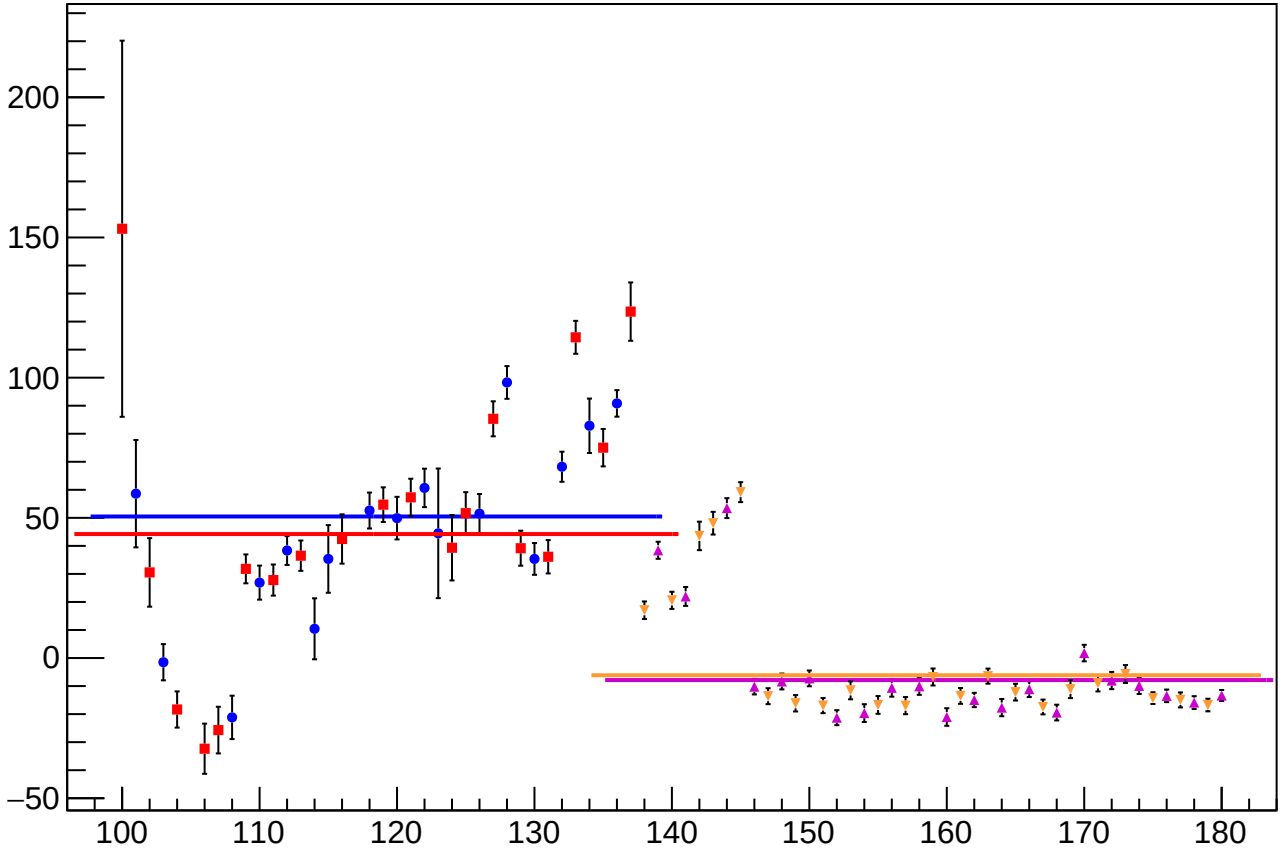
Left In: 8.972+/-0.475 χ^2/NDF:118.3/20

+ sign 11.069+/-0.417 χ^2/NDF: 410.4/38

All: 11.171+/-0.295 χ^2/NDF: 828.2/78

- sign 11.273+/-0.416 χ^2/NDF: 417.7/39

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: -6.136+/-0.624 χ^2/NDF:884.4/21

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

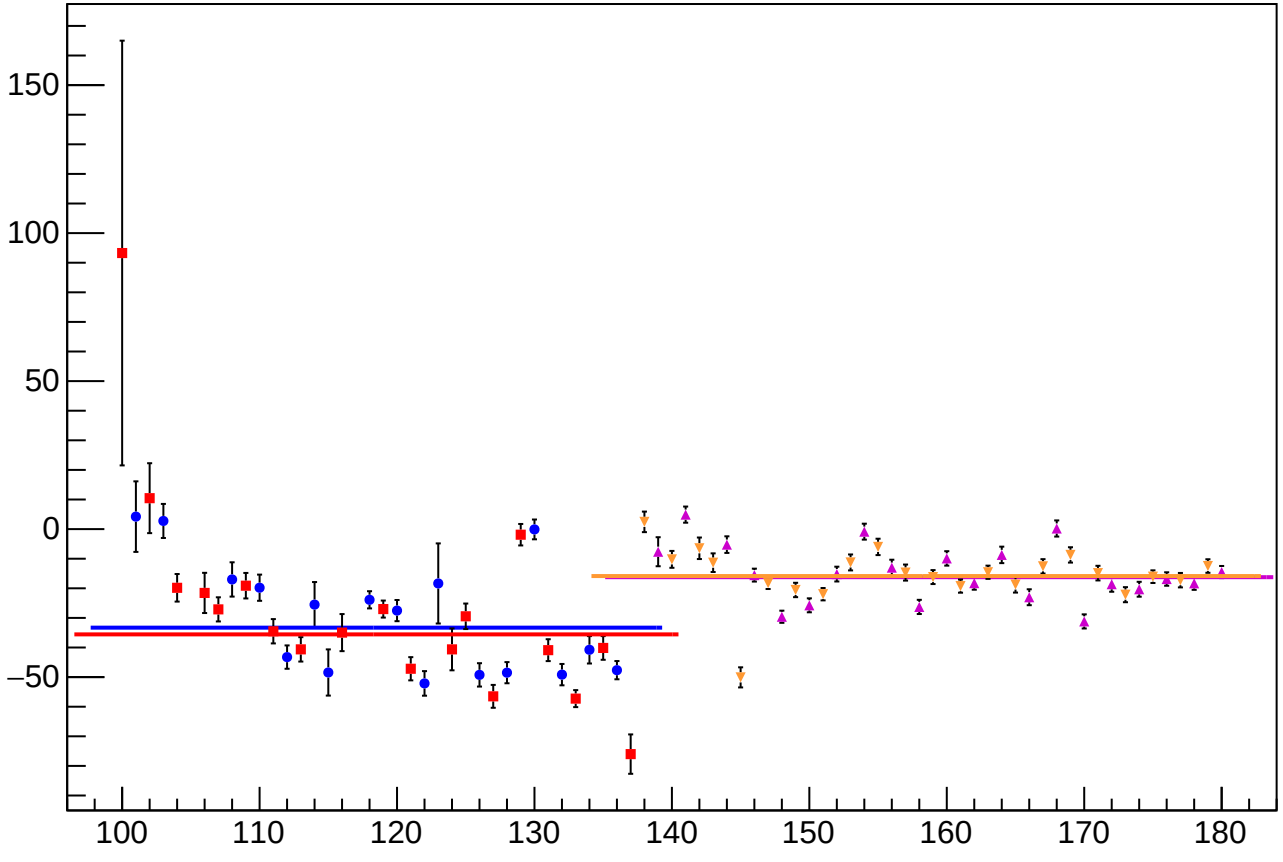
Left In: -7.857+/-0.607 χ^2/NDF:739.8/20

+ sign 0.807+/-0.584 χ^2/NDF: 2253.3/38

All: -0.284+/-0.407 χ^2/NDF: 4457.7/78

- sign -1.315+/-0.568 χ^2/NDF: 2197.7/39

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -15.862+/-0.538 χ^2/NDF:193.6/21

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

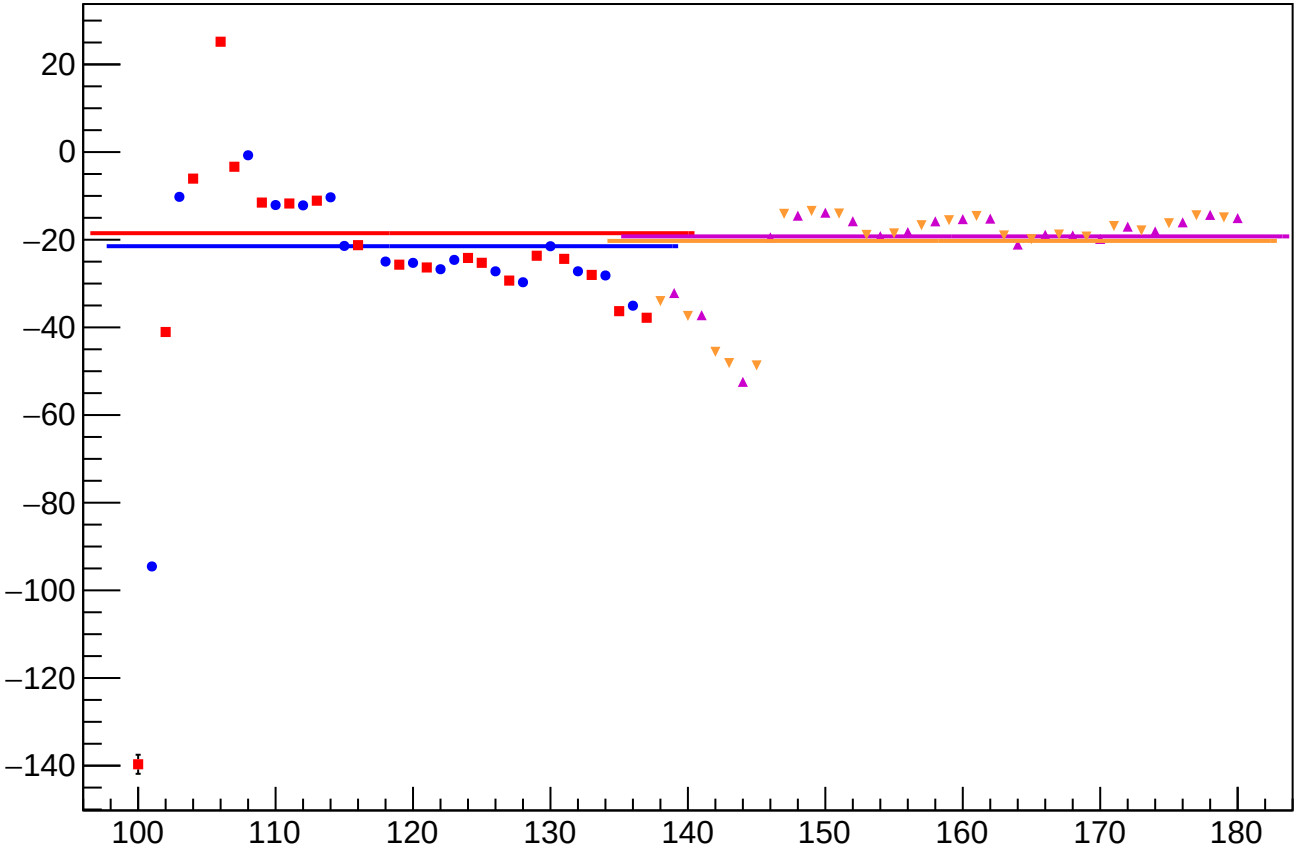
Left In: -16.242+/-0.539 χ^2/NDF:290.9/20

+ sign -19.579+/-0.477 χ^2/NDF: 706.7/38

All: -20.116+/-0.336 χ^2/NDF: 1580.4/78

- sign -20.645+/-0.474 χ^2/NDF: 871.2/39

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -20.268+/-0.025 χ^2/NDF:138649.4/21

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

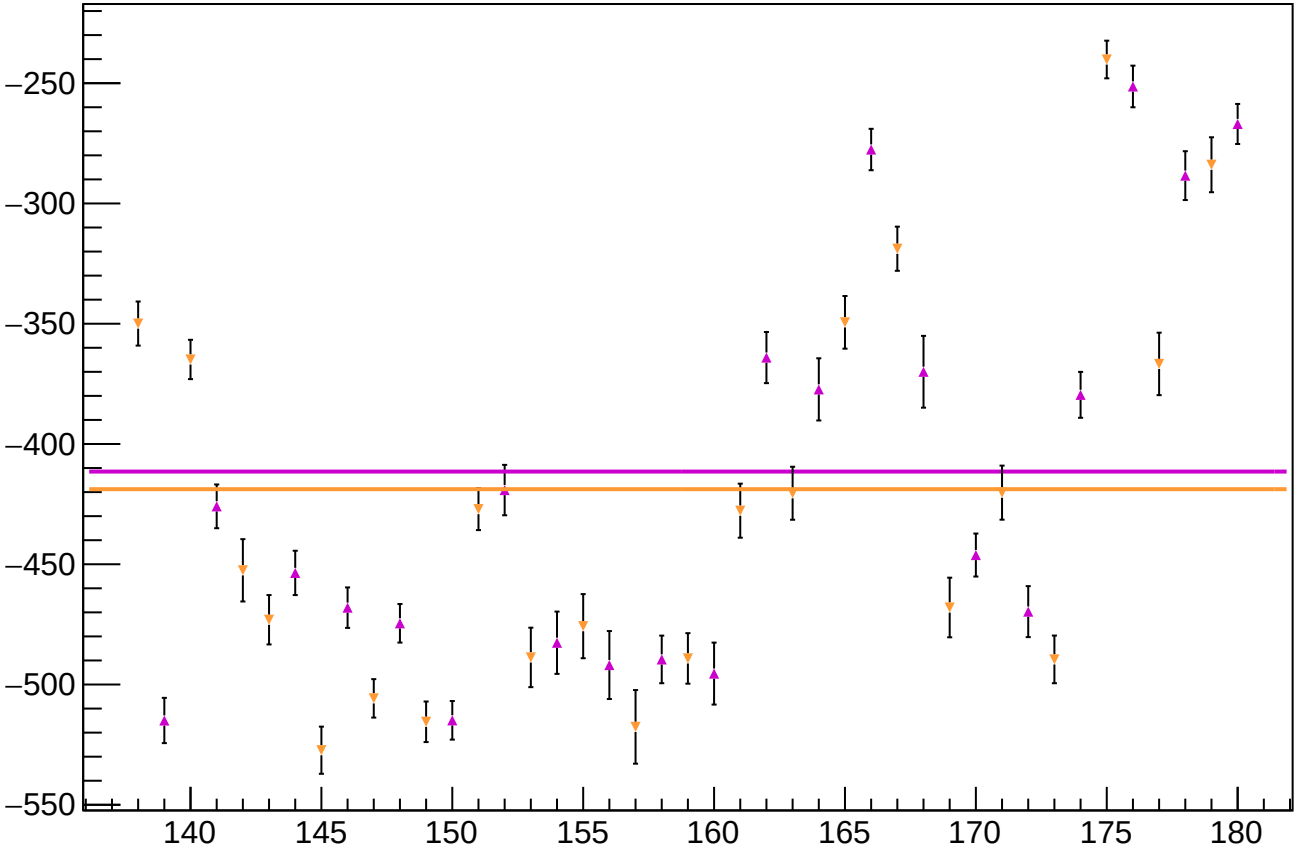
Left In: -19.239+/-0.024 χ^2/NDF:91951.2/20

+ sign -20.451+/-0.023 χ^2/NDF: 188018.8/38

All: -19.778+/-0.016 χ^2/NDF: 362548.2/78

- sign -19.127+/-0.022 χ^2/NDF: 172823.9/39

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -418.786+/-2.172 χ^2/NDF:1547.2/21

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

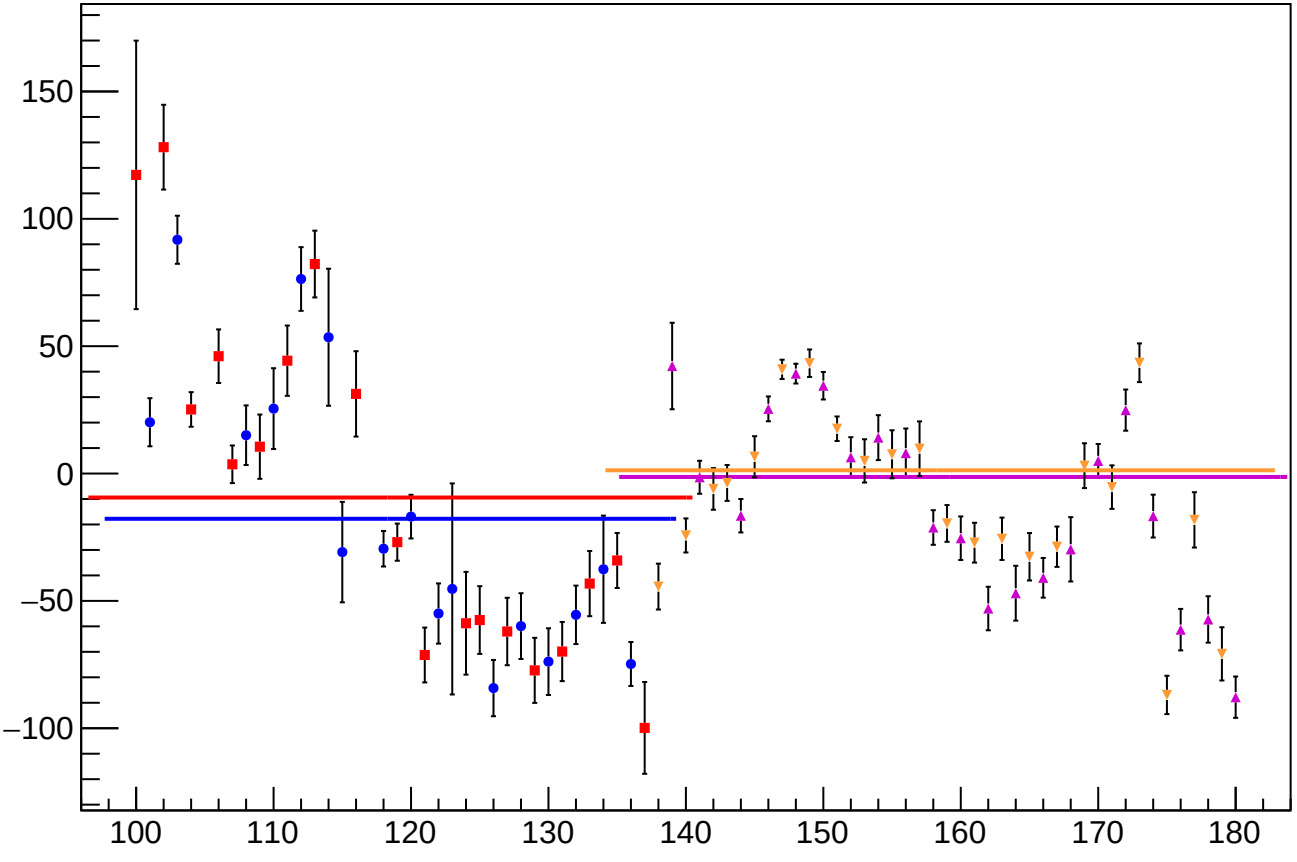
Left In: -411.468+/-2.135 χ^2/NDF:1709.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -415.065+/-1.522 χ^2/NDF: 3262.0/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: 1.272+/-1.538 χ^2/NDF:504.3/21

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

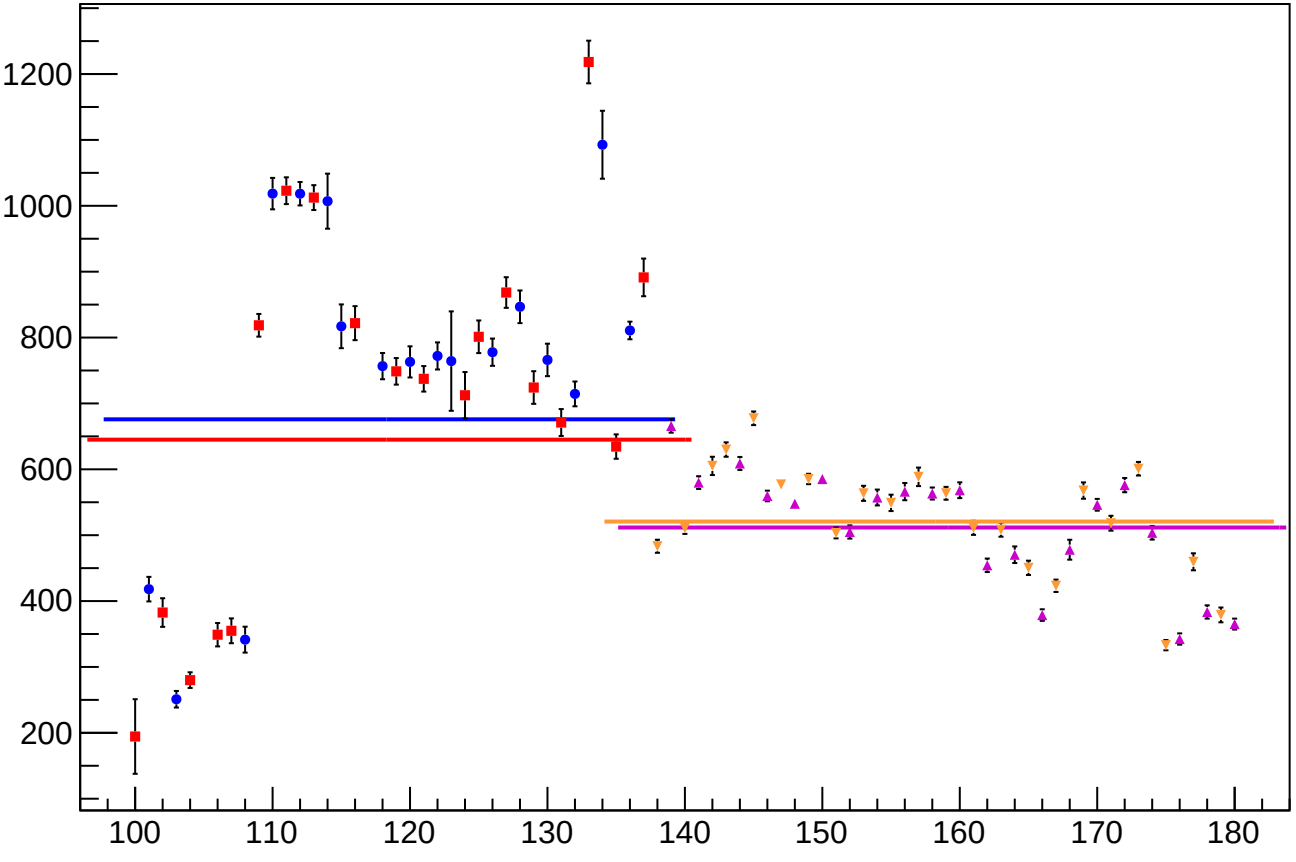
Left In: -1.343+/-1.567 χ^2/NDF:522.2/20

+ sign -3.184+/-1.346 χ^2/NDF: 904.1/38

All: -3.331+/-0.951 χ^2/NDF: 1802.9/78

- sign -3.477+/-1.344 χ^2/NDF: 898.8/39

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 520.681+/-2.153 χ^2/NDF:1556.2/21

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

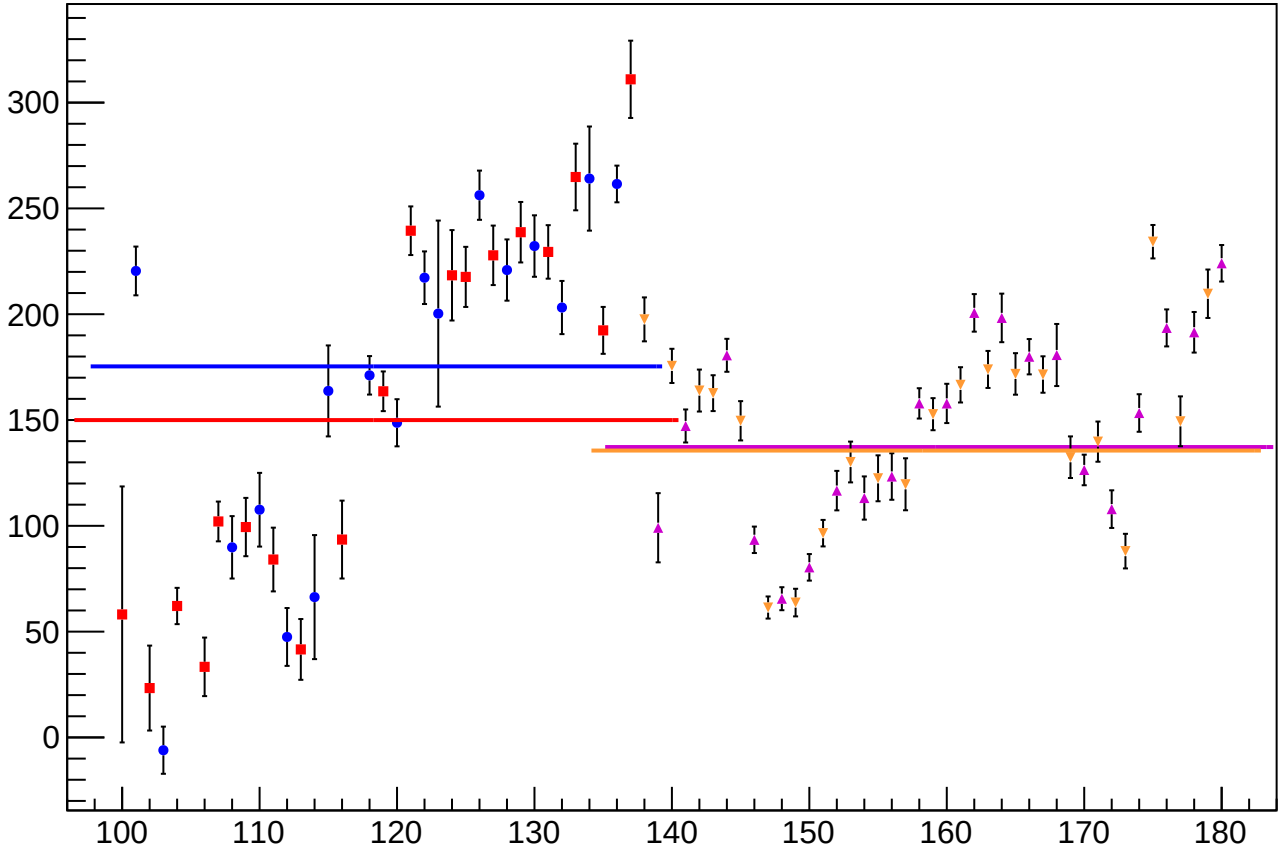
Left In: 511.644+/-2.109 χ^2/NDF:1810.5/20

+ sign 544.651+/-1.980 χ^2/NDF: 4945.2/38

All: 538.939+/-1.381 χ^2/NDF: 10551.2/78

- sign 533.520+/-1.928 χ^2/NDF: 5589.8/39

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 135.571+/-1.803 χ^2/NDF:748.6/21

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

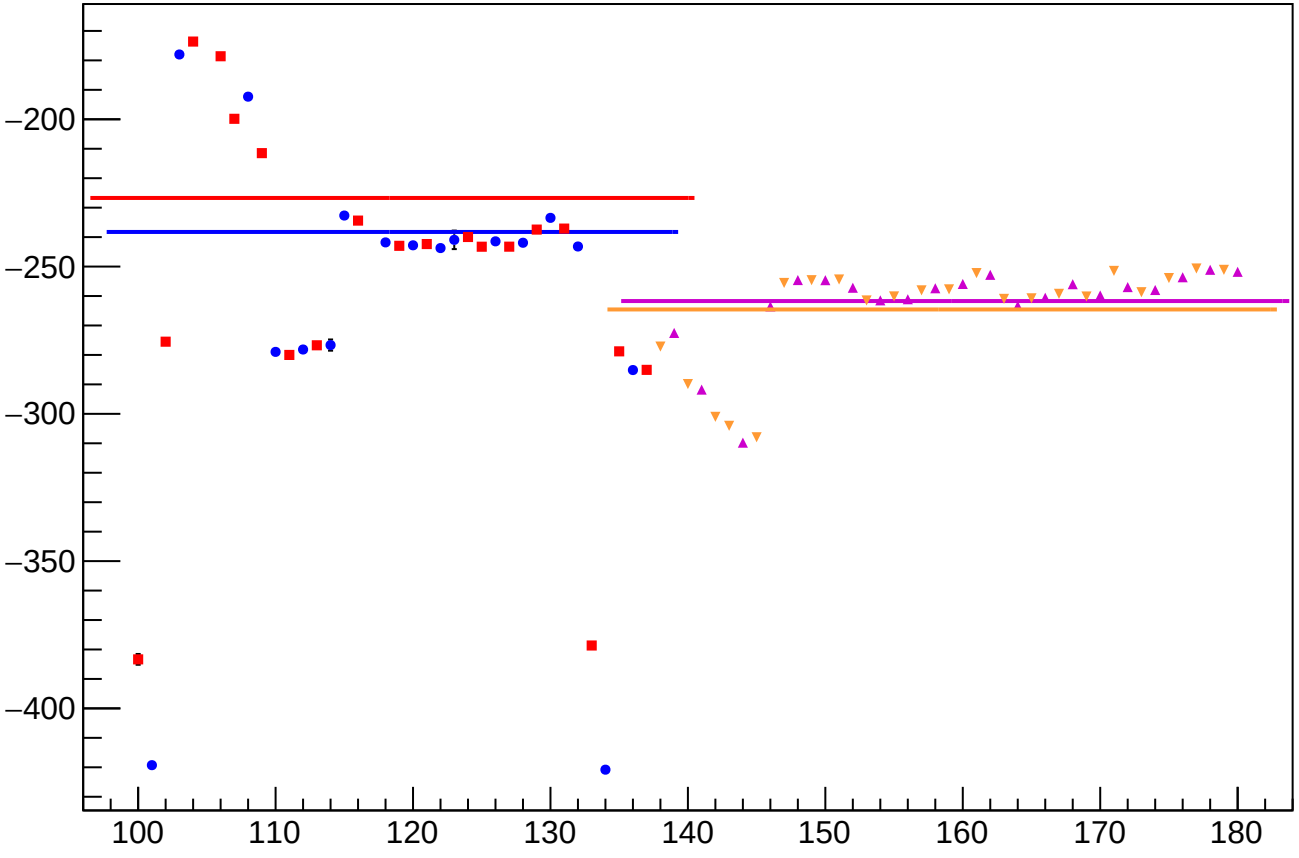
Left In: 137.230+/-1.816 χ^2/NDF:674.0/20

+ sign 145.137+/-1.571 χ^2/NDF: 1504.1/38

All: 142.839+/-1.107 χ^2/NDF: 2888.4/78

- sign 140.572+/-1.560 χ^2/NDF: 1380.0/39

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -264.562+/-0.087 χ^2/NDF:37011.9/21

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

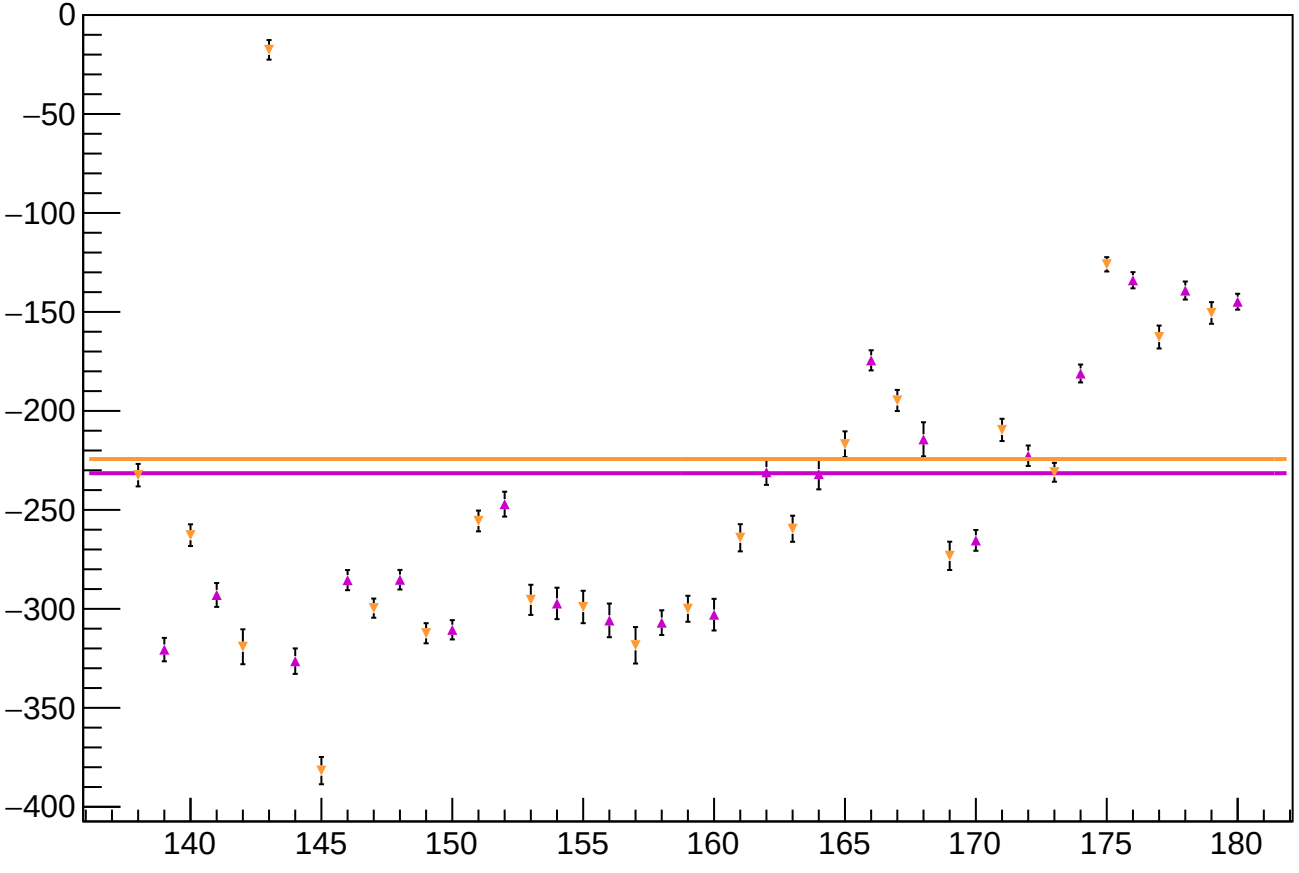
Left In: -261.708+/-0.085 χ^2/NDF:23152.2/20

+ sign -258.554+/-0.076 χ^2/NDF: 225030.4/38

All: -255.825+/-0.053 χ^2/NDF: 394181.4/78

- sign -253.244+/-0.074 χ^2/NDF: 166668.9/39

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -224.301+/-1.230 χ^2/NDF:4602.8/21

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

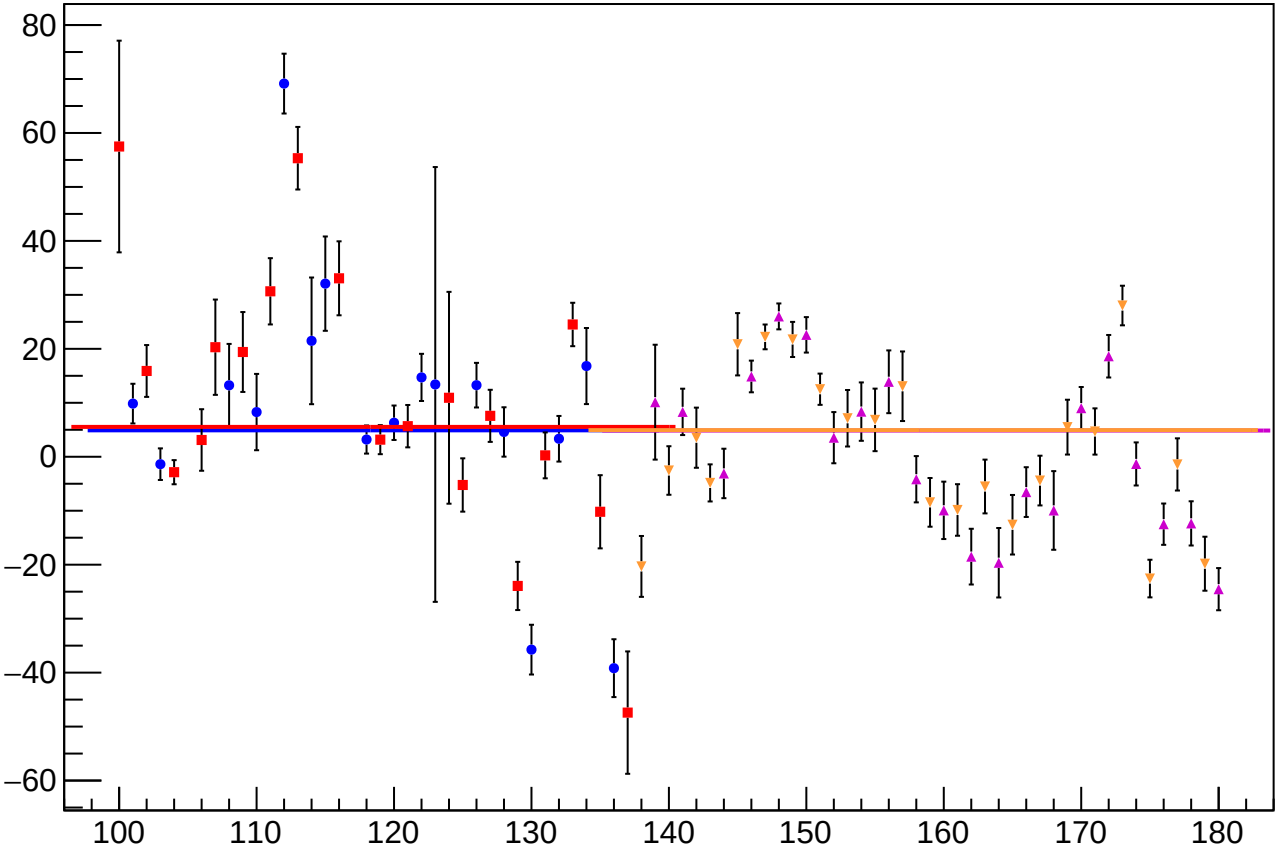
Left In: -231.466+/-1.209 χ^2/NDF:3162.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -227.943+/-0.862 χ^2/NDF: 7782.4/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896+/-1.089 χ^2/NDF: 312.0/16

Left Out: 4.934+/-0.888 χ^2/NDF:295.7/21

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

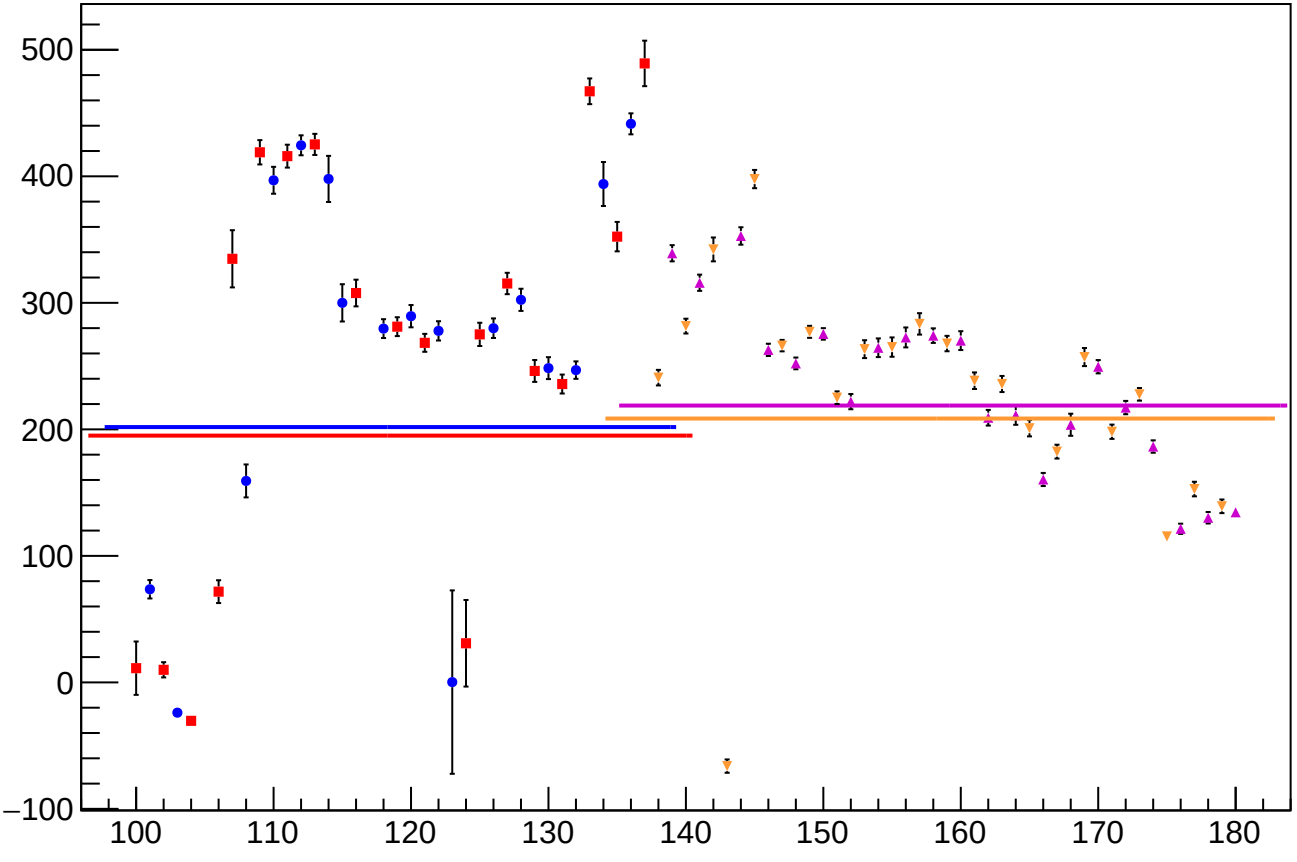
Left In: 4.857+/-0.911 χ^2/NDF:293.1/20

+ sign 4.919+/-0.688 χ^2/NDF: 607.6/38

All: 5.029+/-0.489 χ^2/NDF: 1140.1/78

- sign 5.141+/-0.694 χ^2/NDF: 532.4/39

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 208.552+/-1.221 χ^2/NDF:5498.0/21

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

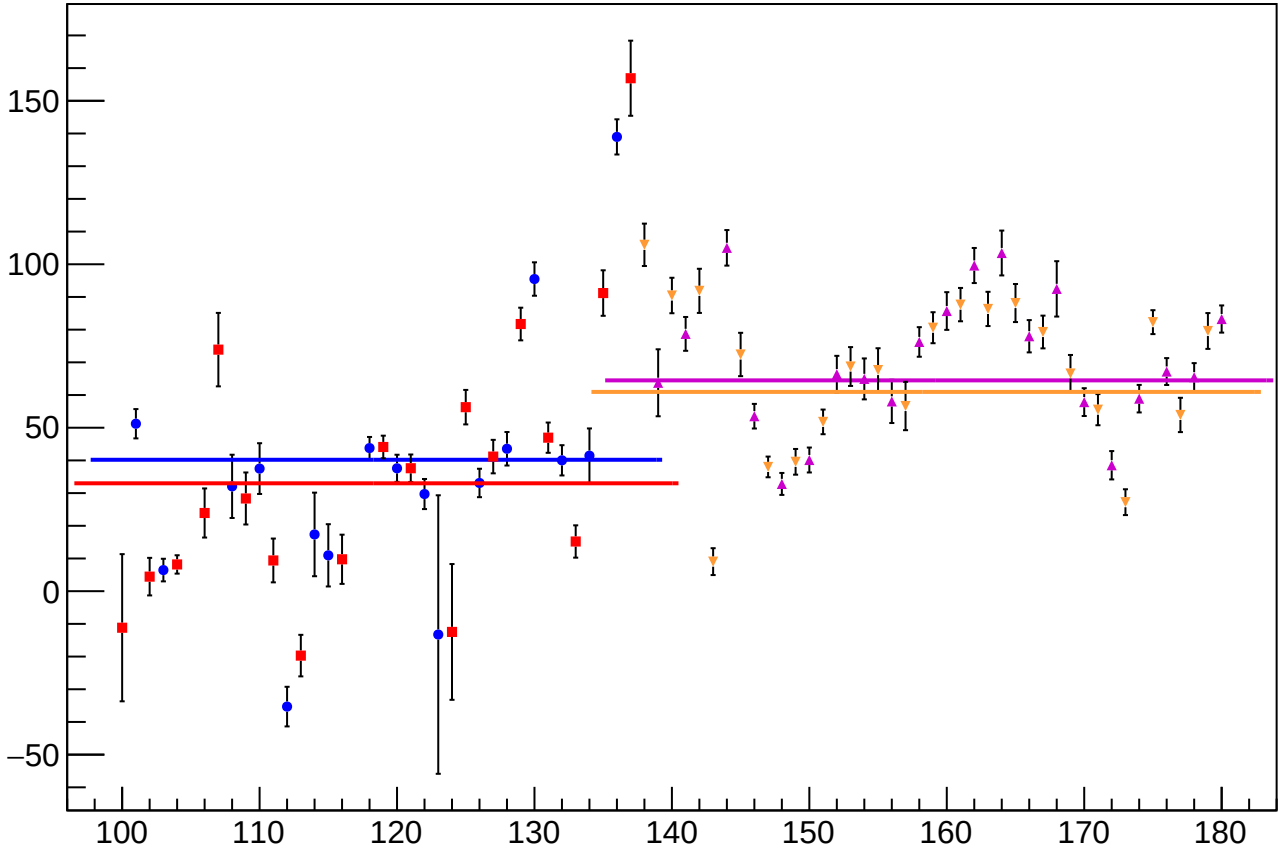
Left In: 218.818+/-1.198 χ^2/NDF:3095.1/20

+ sign 206.681+/-1.038 χ^2/NDF: 12260.7/38

All: 209.489+/-0.726 χ^2/NDF: 23737.1/78

- sign 212.183+/-1.017 χ^2/NDF: 11462.1/39

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 60.956+/-1.032 χ^2/NDF:578.3/21

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

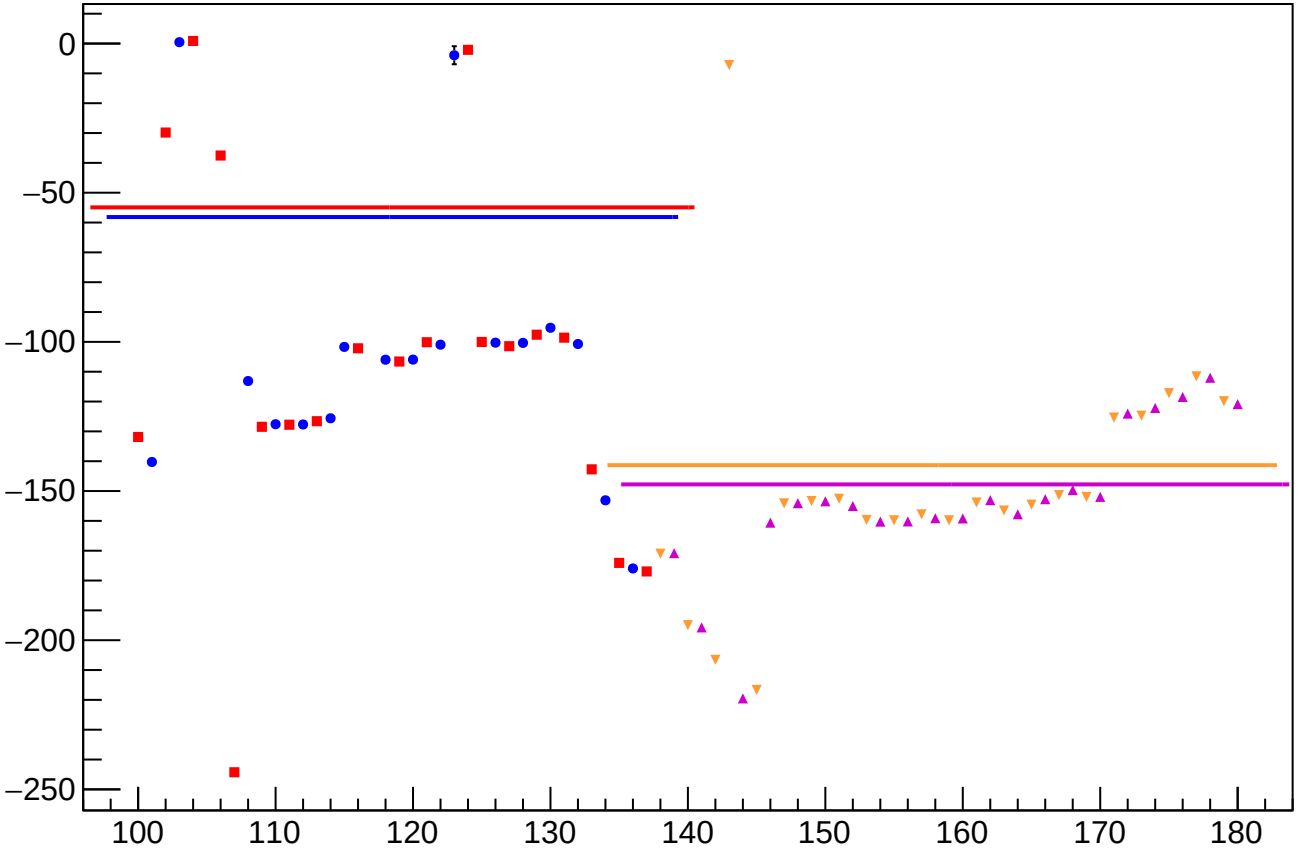
Left In: 64.484+/-1.046 χ^2/NDF:377.2/20

+ sign 52.676+/-0.801 χ^2/NDF: 1474.5/38

All: 52.115+/-0.567 χ^2/NDF: 2779.1/78

- sign 51.551+/-0.803 χ^2/NDF: 1303.5/39

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -141.332+/-0.050 χ^2/NDF:662512.4/21

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

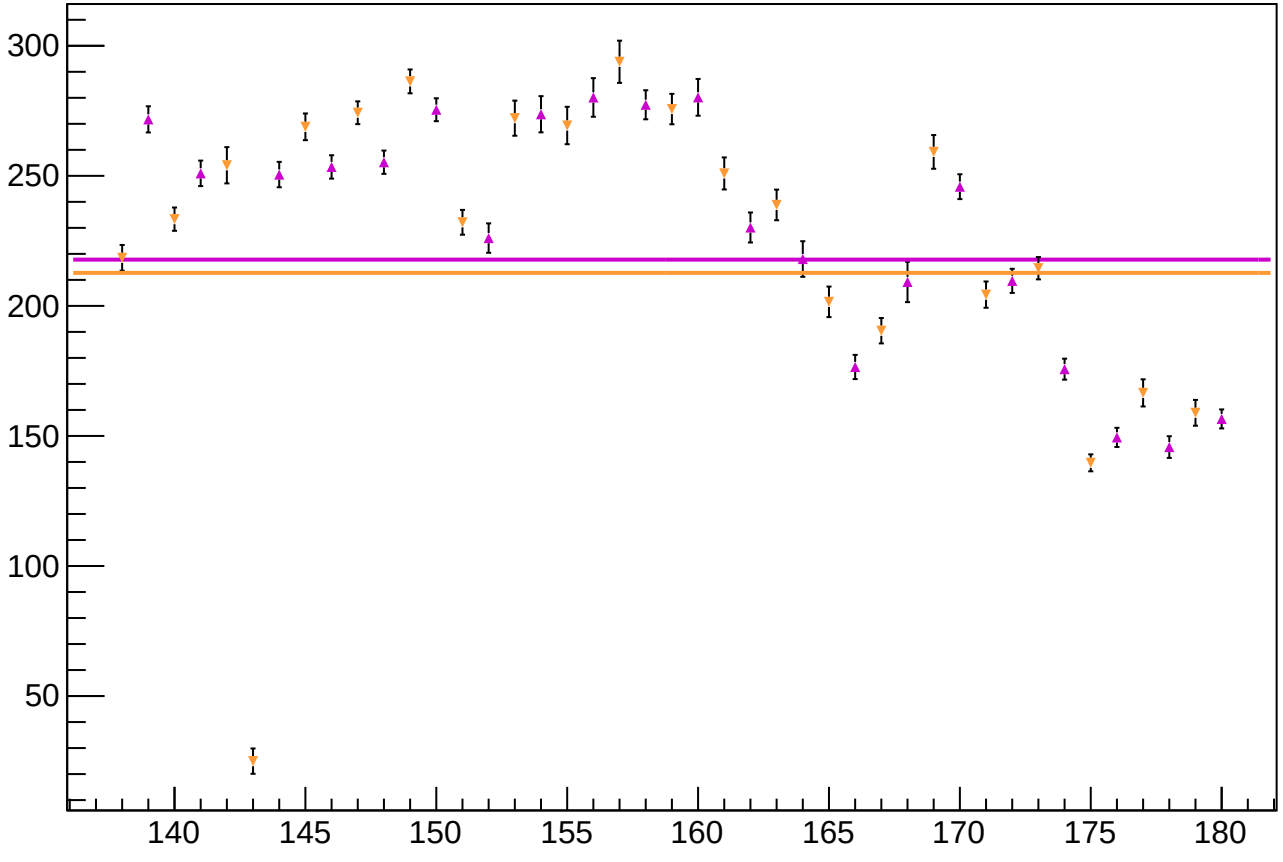
Left In: -147.778+/-0.049 χ^2/NDF:227814.7/20

+ sign -108.677+/-0.039 χ^2/NDF: 2876425.9/38

All: -109.836+/-0.027 χ^2/NDF: 5544954.6/78

- sign -110.956+/-0.038 χ^2/NDF: 2666754.1/39

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 212.701+/-1.094 χ^2/NDF:3326.3/21

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

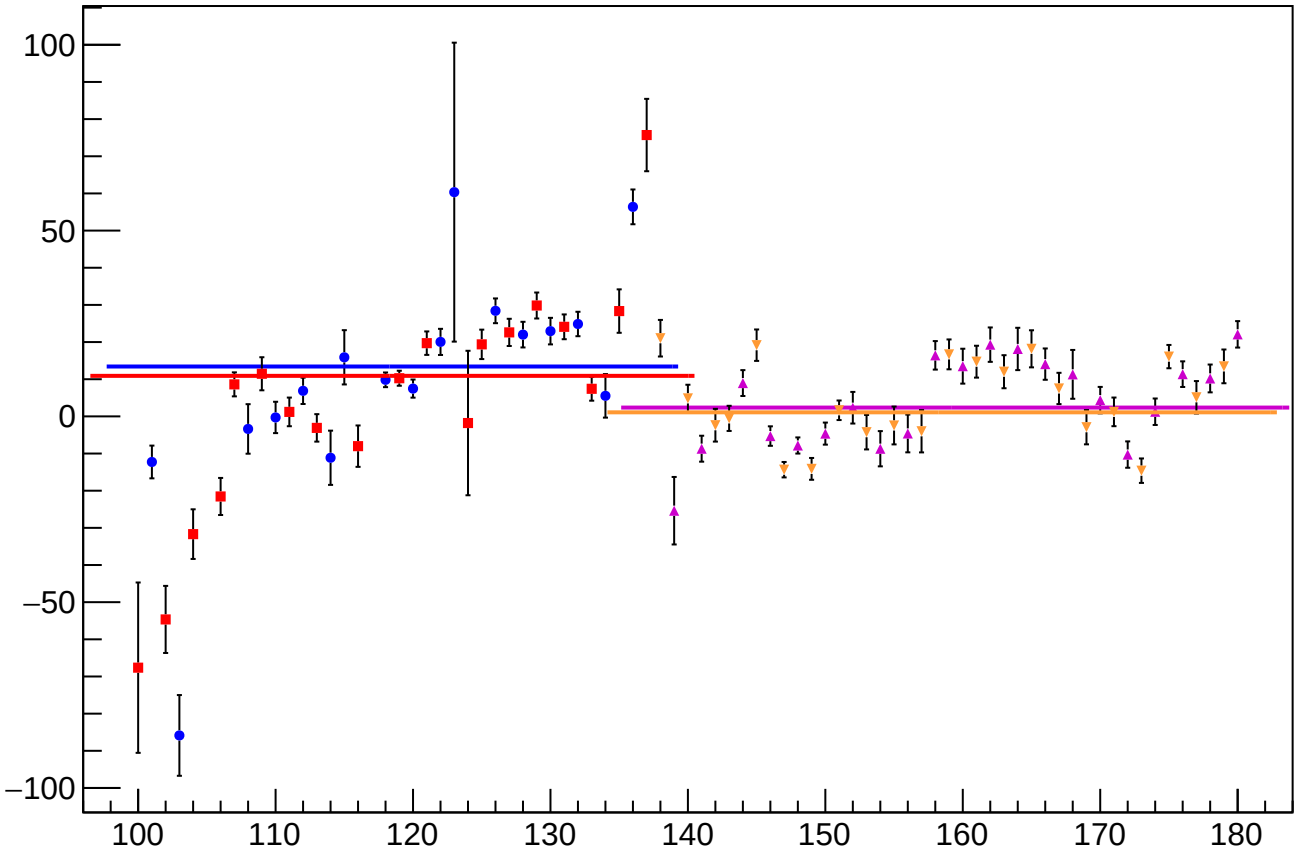
Left In: 217.793+/-1.073 χ^2/NDF:1994.4/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 215.295+/-0.766 χ^2/NDF: 5331.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423+/-0.920 χ^2/NDF: 295.2/16

Left Out: 1.090+/-0.793 χ^2/NDF:221.2/21

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

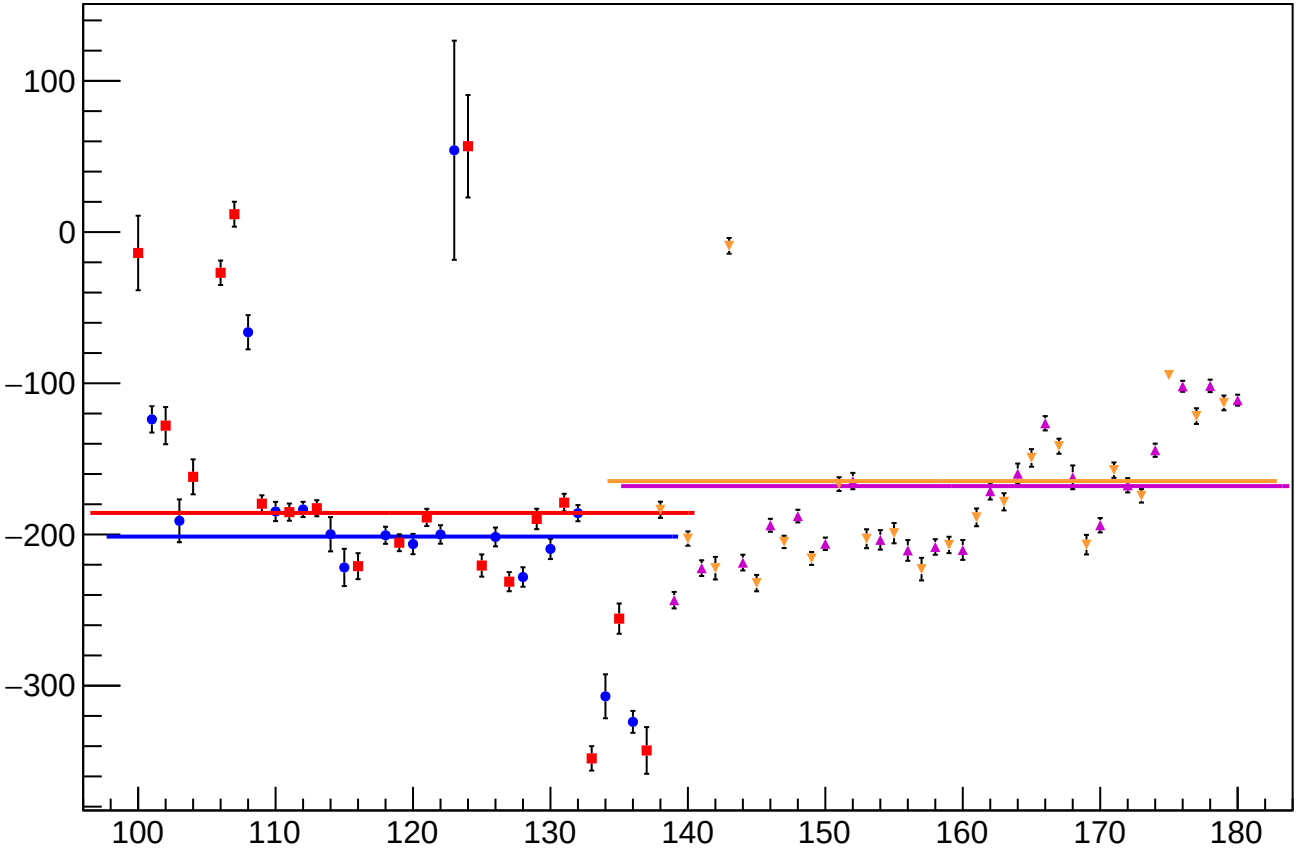
Left In: 2.369+/-0.809 χ^2/NDF:171.1/20

+ sign 6.348+/-0.600 χ^2/NDF: 619.6/38

All: 6.231+/-0.427 χ^2/NDF: 1142.2/78

- sign 6.110+/-0.606 χ^2/NDF: 522.5/39

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -164.677+/-1.088 χ^2/NDF:2354.9/21

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

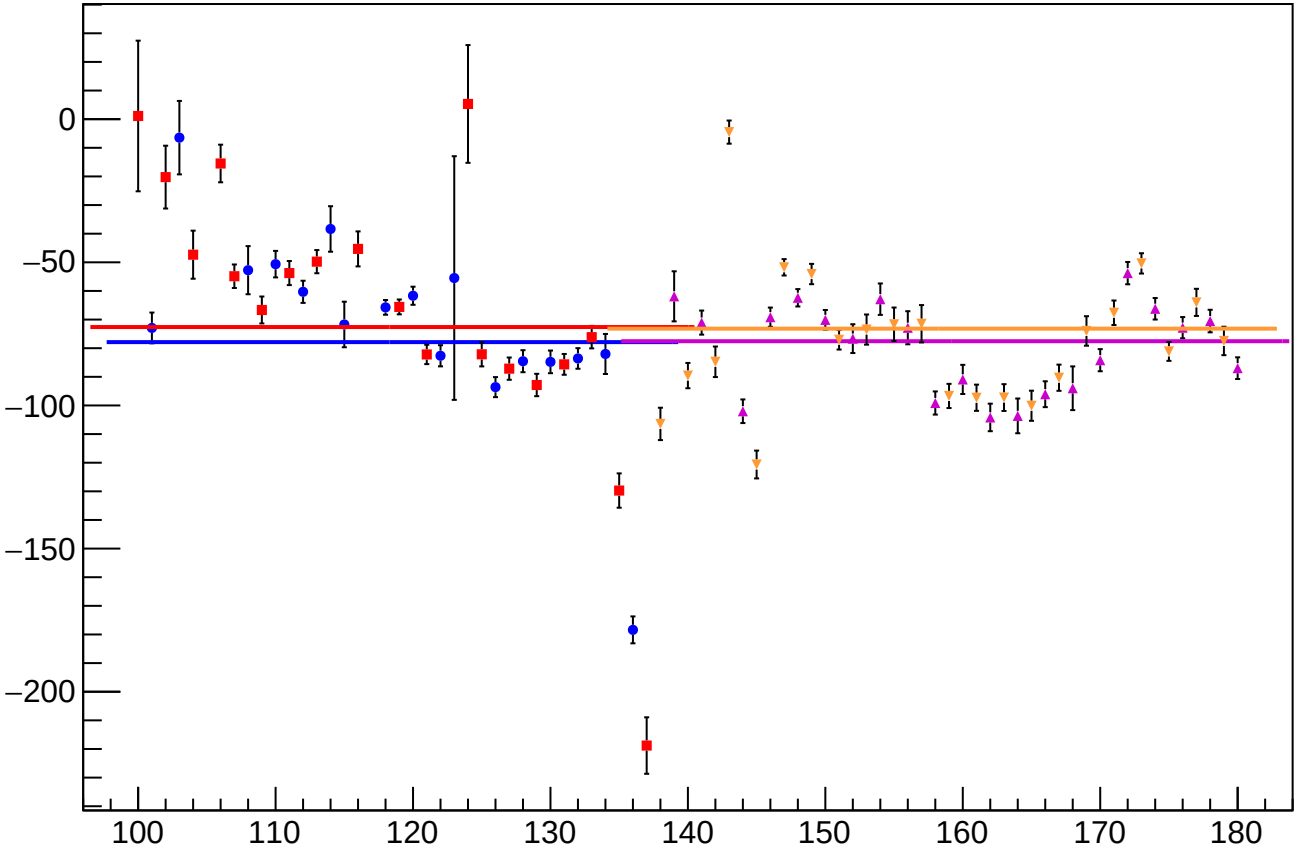
Left In: -168.004+/-1.064 χ^2/NDF:1677.0/20

+ sign -174.658+/-0.928 χ^2/NDF: 3288.2/38

All: -173.805+/-0.647 χ^2/NDF: 6794.3/78

- sign -172.998+/-0.902 χ^2/NDF: 3504.5/39

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -73.170+/-0.921 χ^2/NDF:701.7/21

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

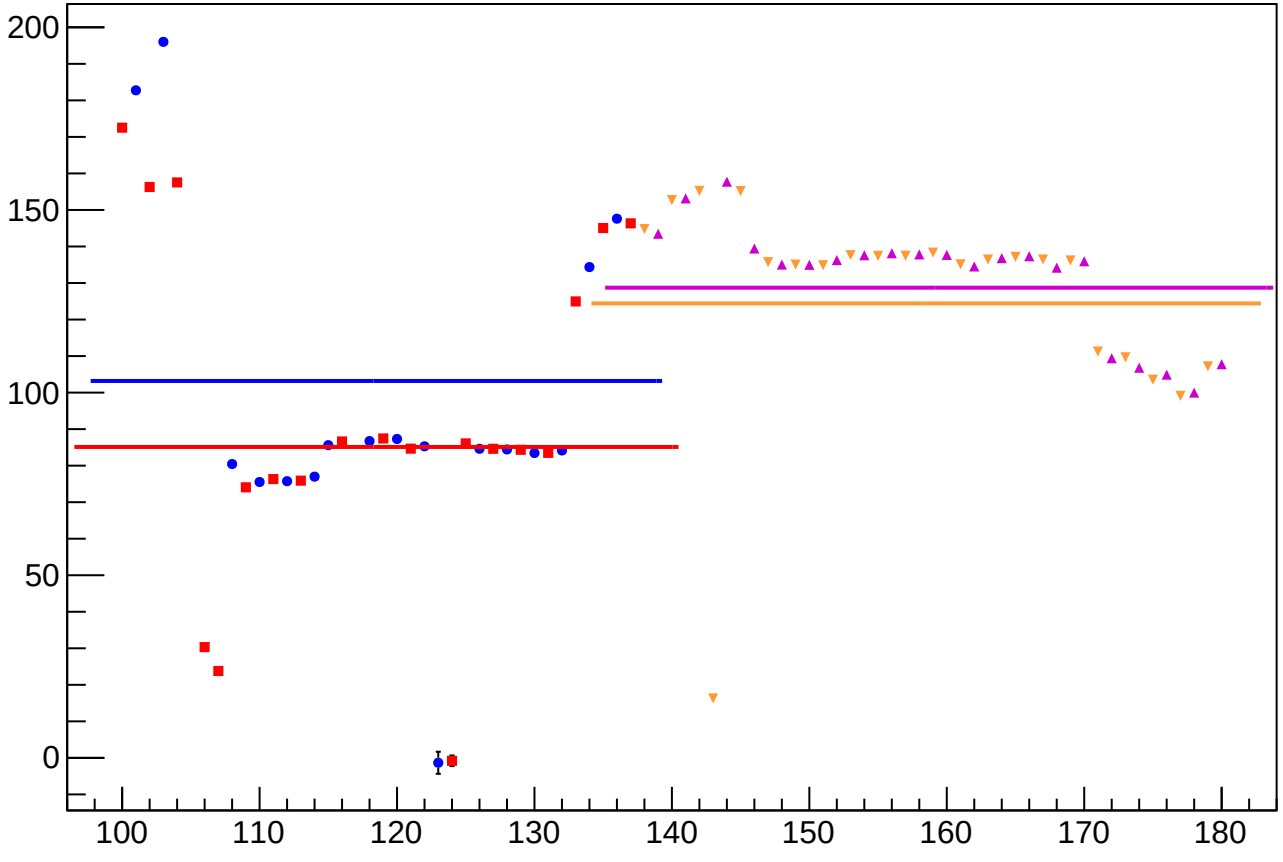
Left In: -77.560+/-0.929 χ^2/NDF:250.5/20

+ sign -75.183+/-0.697 χ^2/NDF: 1371.1/38

All: -75.290+/-0.493 χ^2/NDF: 2240.9/78

- sign -75.396+/-0.697 χ^2/NDF: 869.8/39

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 124.413+/-0.044 χ^2/NDF:419626.2/21

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

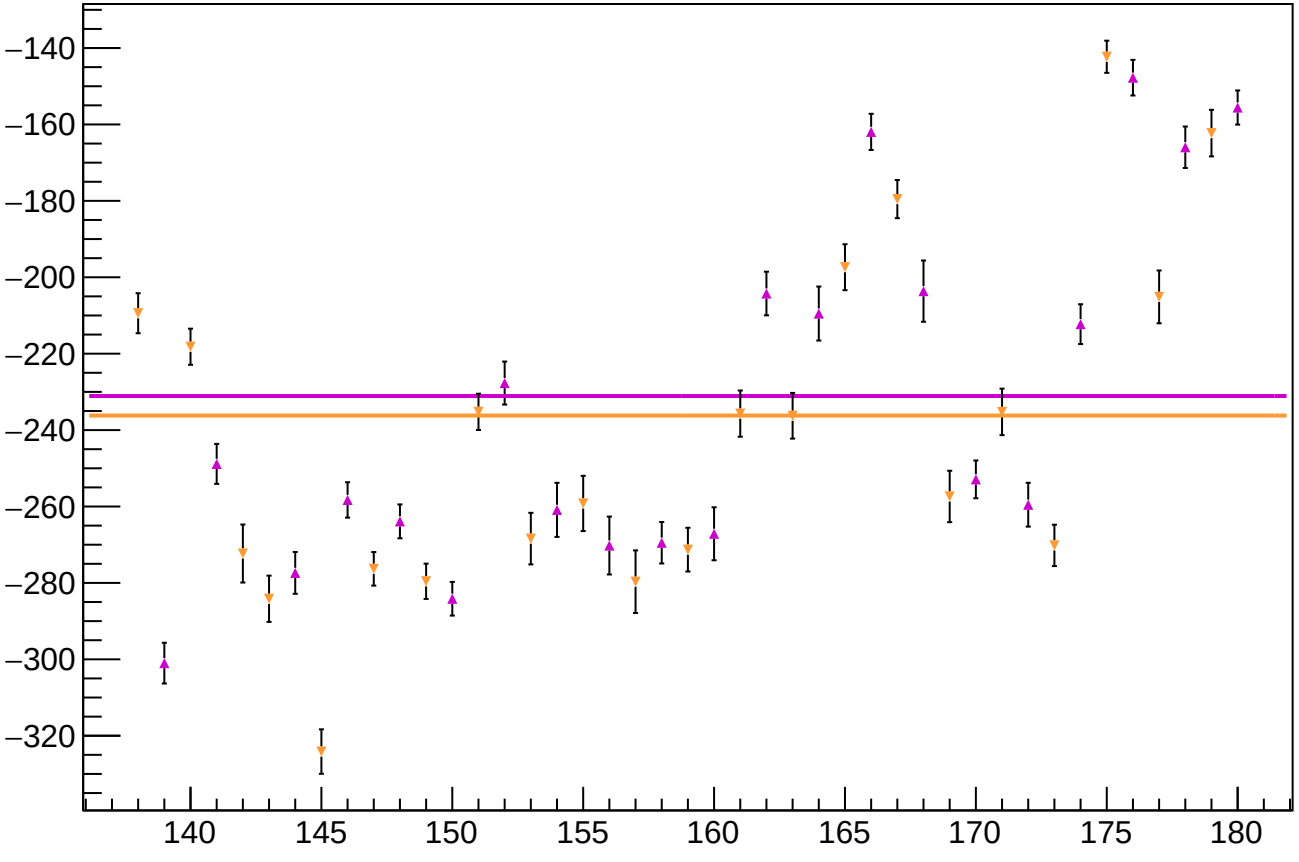
Left In: 128.720+/-0.043 χ^2/NDF:142848.0/20

+ sign 118.434+/-0.037 χ^2/NDF: 758625.9/38

All: 116.615+/-0.026 χ^2/NDF: 1649700.4/78

- sign 114.941+/-0.036 χ^2/NDF: 886515.6/39

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -236.189+/-1.199 χ^2/NDF:1508.8/21

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

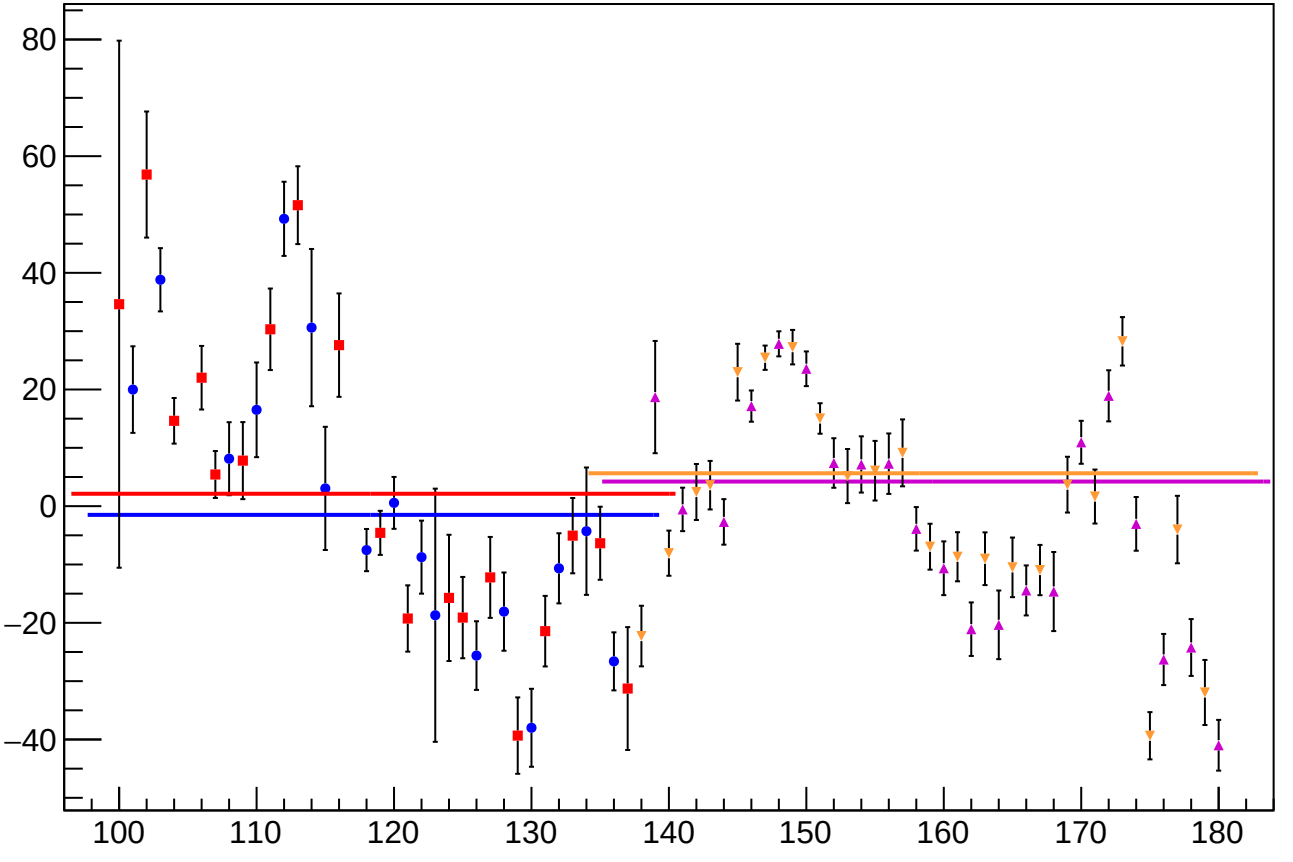
Left In: -231.084+/-1.173 χ^2/NDF:1673.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -233.581+/-0.839 χ^2/NDF: 3191.6/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.492+/-1.513 χ^2/NDF: 226.1/16

Left Out: 5.640+/-0.849 χ^2/NDF:471.5/21

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

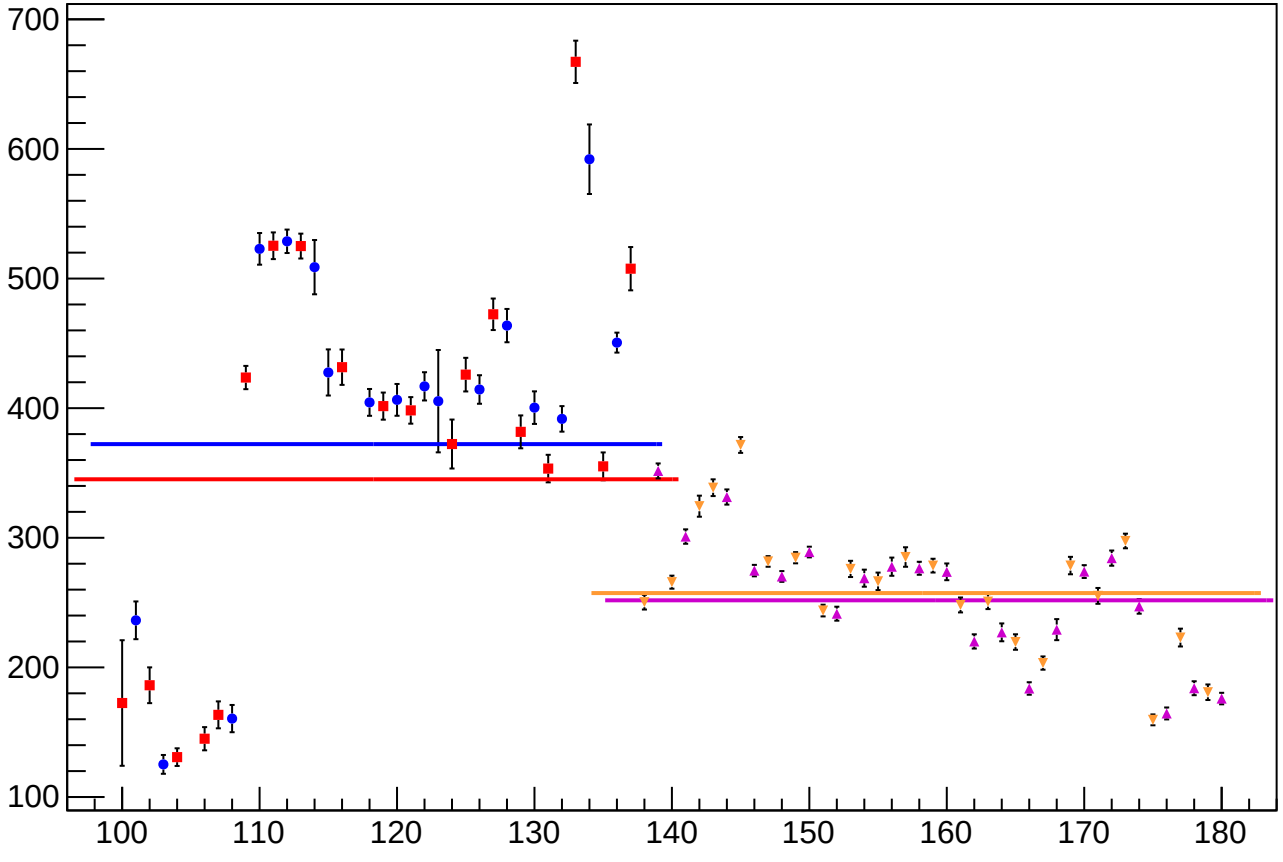
Left In: 4.218+/-0.862 χ^2/NDF:491.8/20

+ sign 3.932+/-0.740 χ^2/NDF: 714.5/38

All: 3.787+/-0.521 χ^2/NDF: 1440.5/78

- sign 3.644+/-0.735 χ^2/NDF: 726.0/39

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 257.349+/-1.186 χ^2/NDF:1650.1/21

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

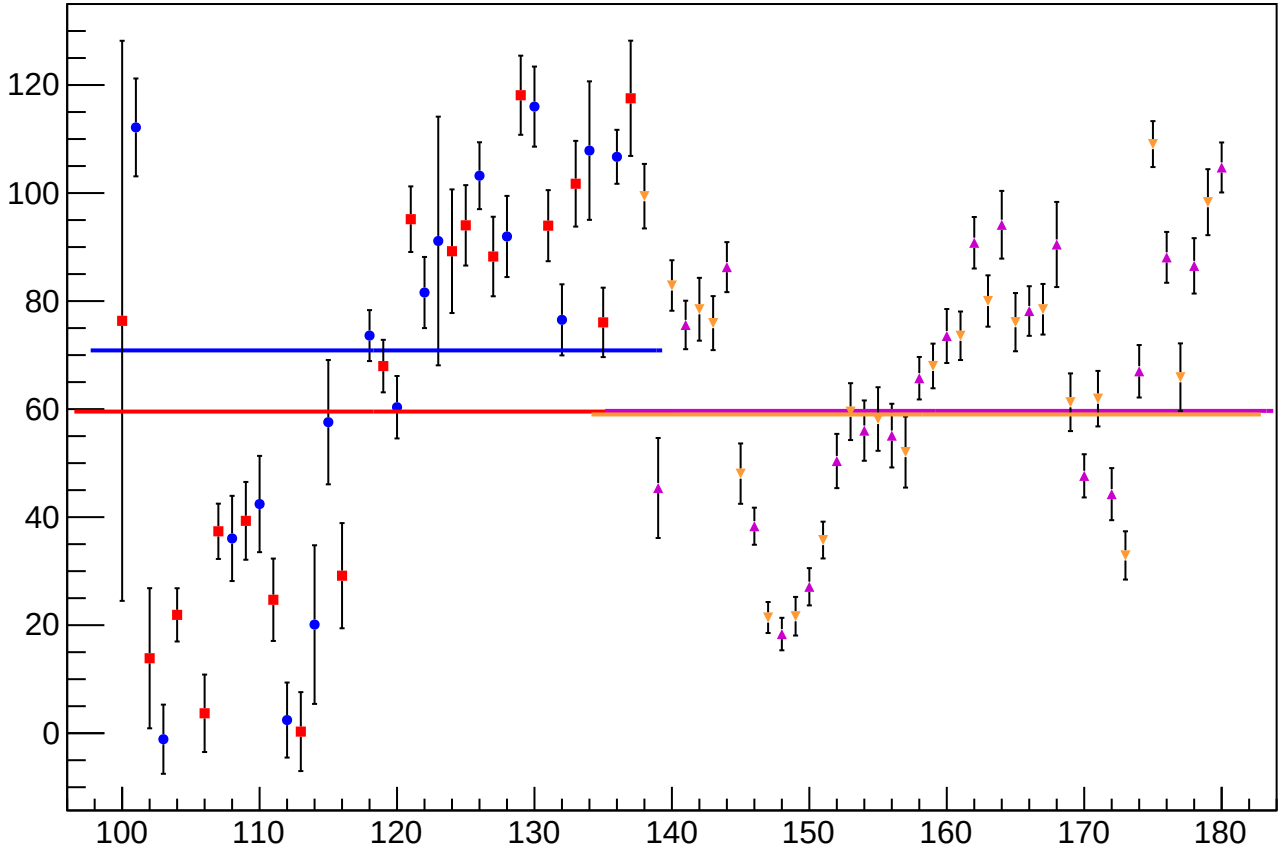
Left In: 251.751+/-1.157 χ^2/NDF:1862.3/20

+ sign 275.261+/-1.089 χ^2/NDF: 5547.1/38

All: 271.295+/-0.758 χ^2/NDF: 11954.9/78

- sign 267.578+/-1.055 χ^2/NDF: 6382.1/39

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 59.008+/-0.994 χ^2/NDF:704.8/21

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

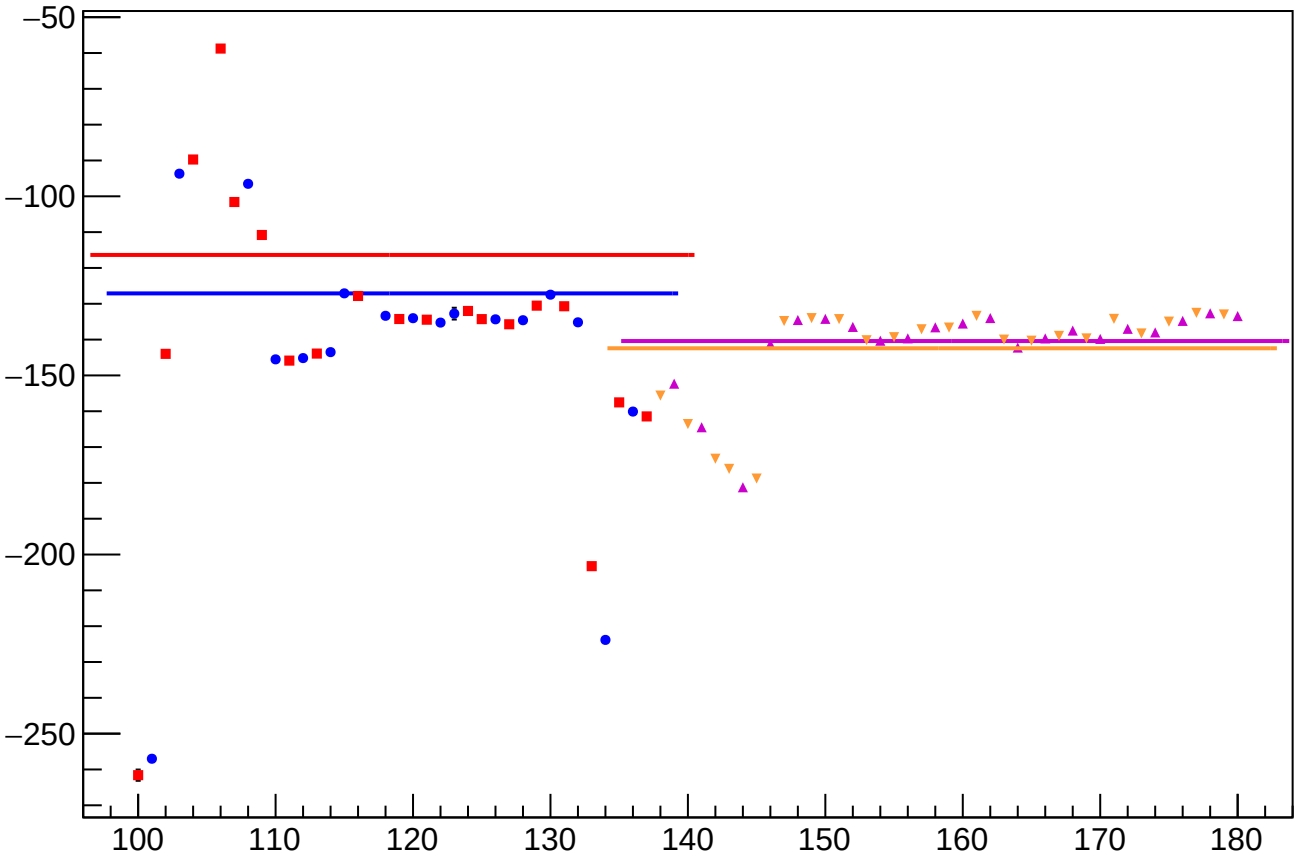
Left In: 59.670+/-0.998 χ^2/NDF:663.6/20

+ sign 61.919+/-0.863 χ^2/NDF: 1166.7/38

All: 60.762+/-0.606 χ^2/NDF: 2324.8/78

- sign 59.636+/-0.852 χ^2/NDF: 1154.5/39

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -142.423+/-0.048 χ^2/NDF:76039.1/21

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

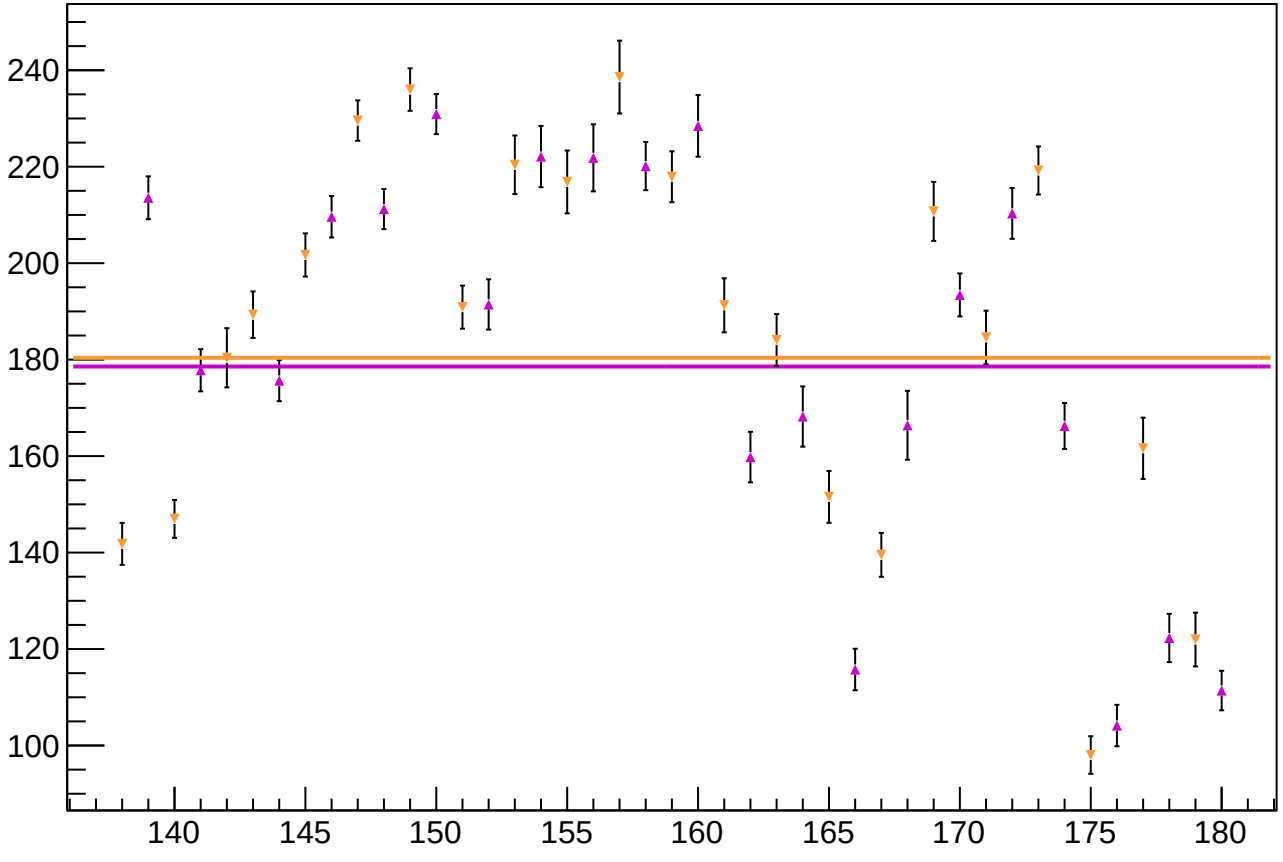
Left In: -140.401+/-0.047 χ^2/NDF:47861.7/20

+ sign -139.010+/-0.042 χ^2/NDF: 265905.5/38

All: -136.723+/-0.029 χ^2/NDF: 550714.8/78

- sign -134.589+/-0.041 χ^2/NDF: 279135.3/39

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 180.380+/-1.071 χ^2/NDF:1429.0/21

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

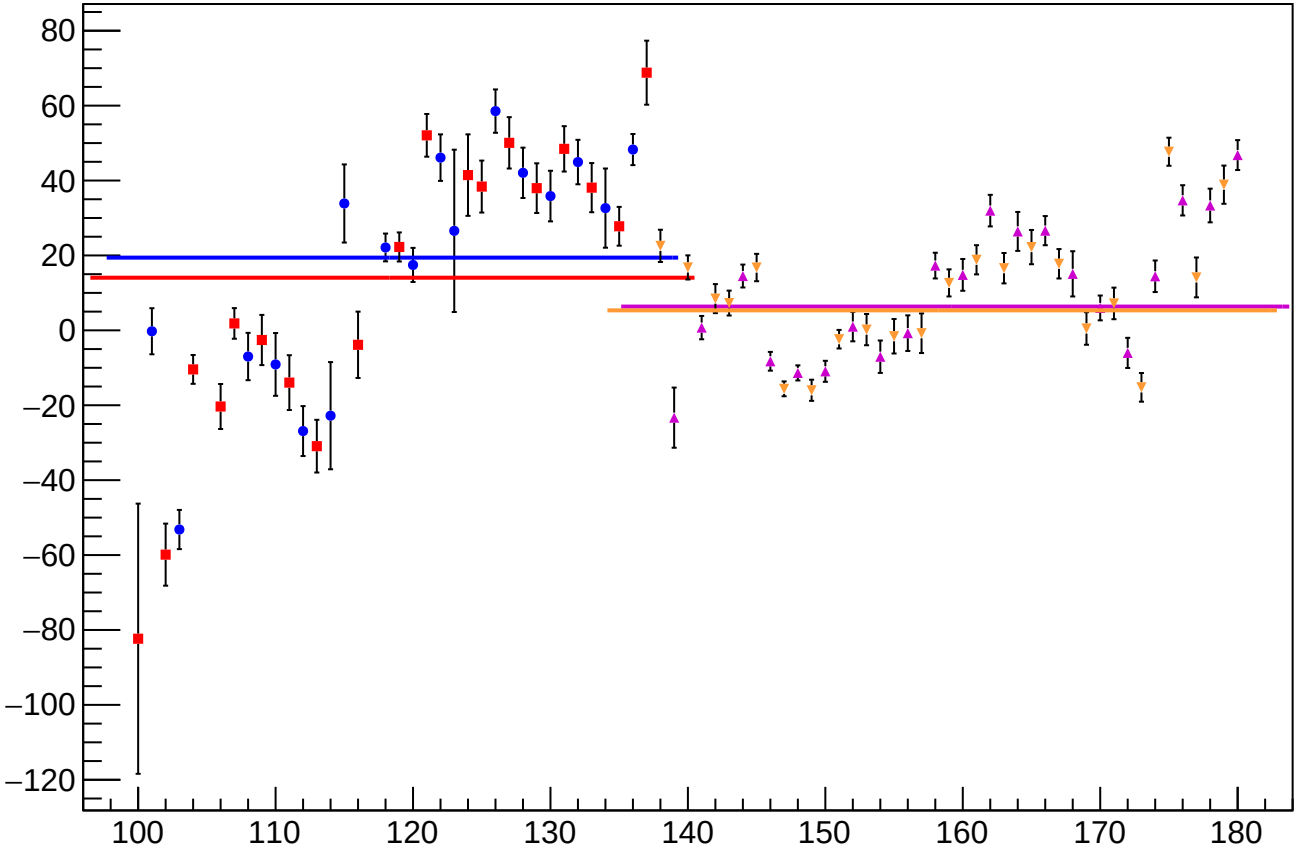
Left In: 178.573+/-1.057 χ^2/NDF:1538.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 179.465+/-0.753 χ^2/NDF: 2968.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416+/-1.480 χ^2/NDF: 441.1/16

Left Out: 5.336+/-0.766 χ^2/NDF:474.3/21

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

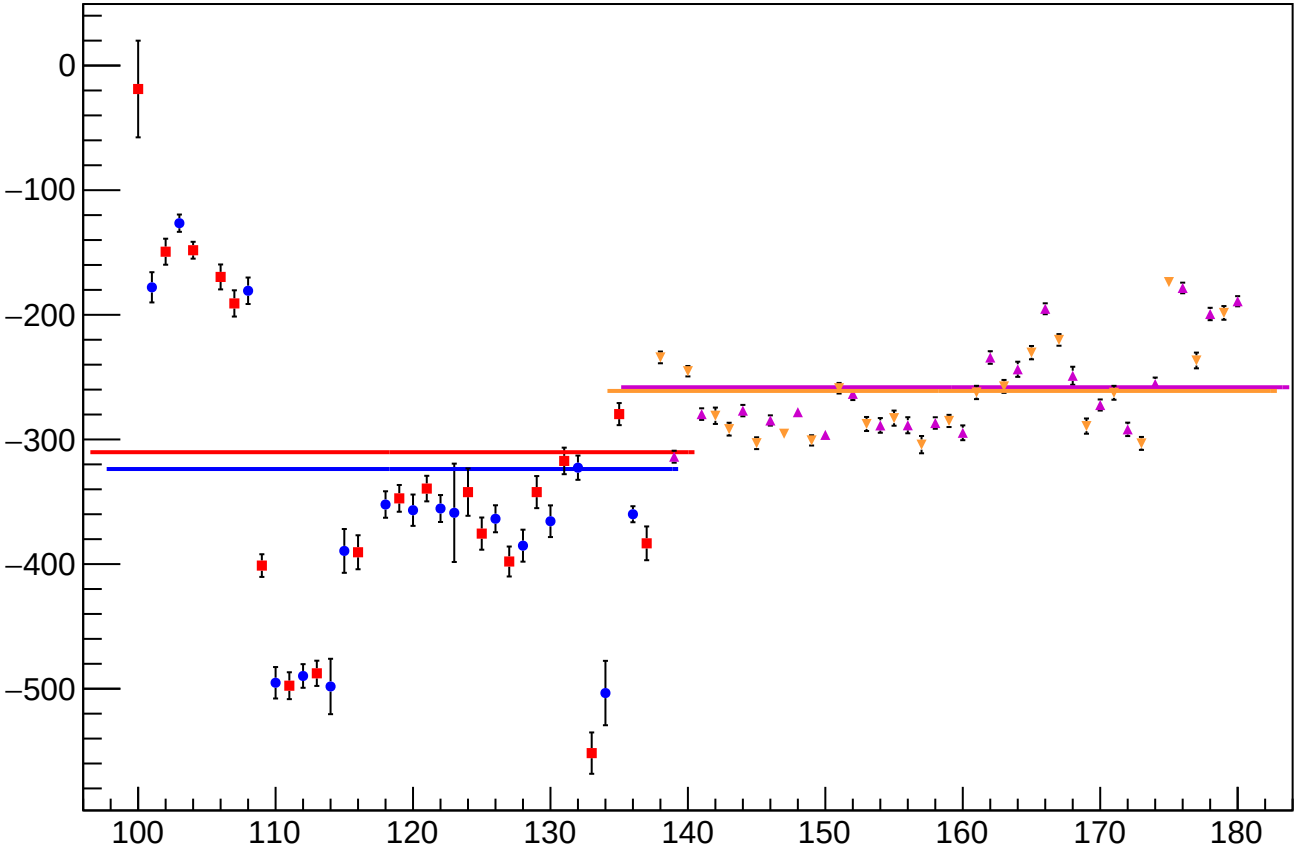
Left In: 6.351+/-0.783 χ^2/NDF:483.1/20

+ sign 8.314+/-0.681 χ^2/NDF: 986.7/38

All: 8.259+/-0.482 χ^2/NDF: 1929.7/78

- sign 8.203+/-0.683 χ^2/NDF: 942.9/39

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -261.067+/-1.065 χ^2/NDF:1284.6/21

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

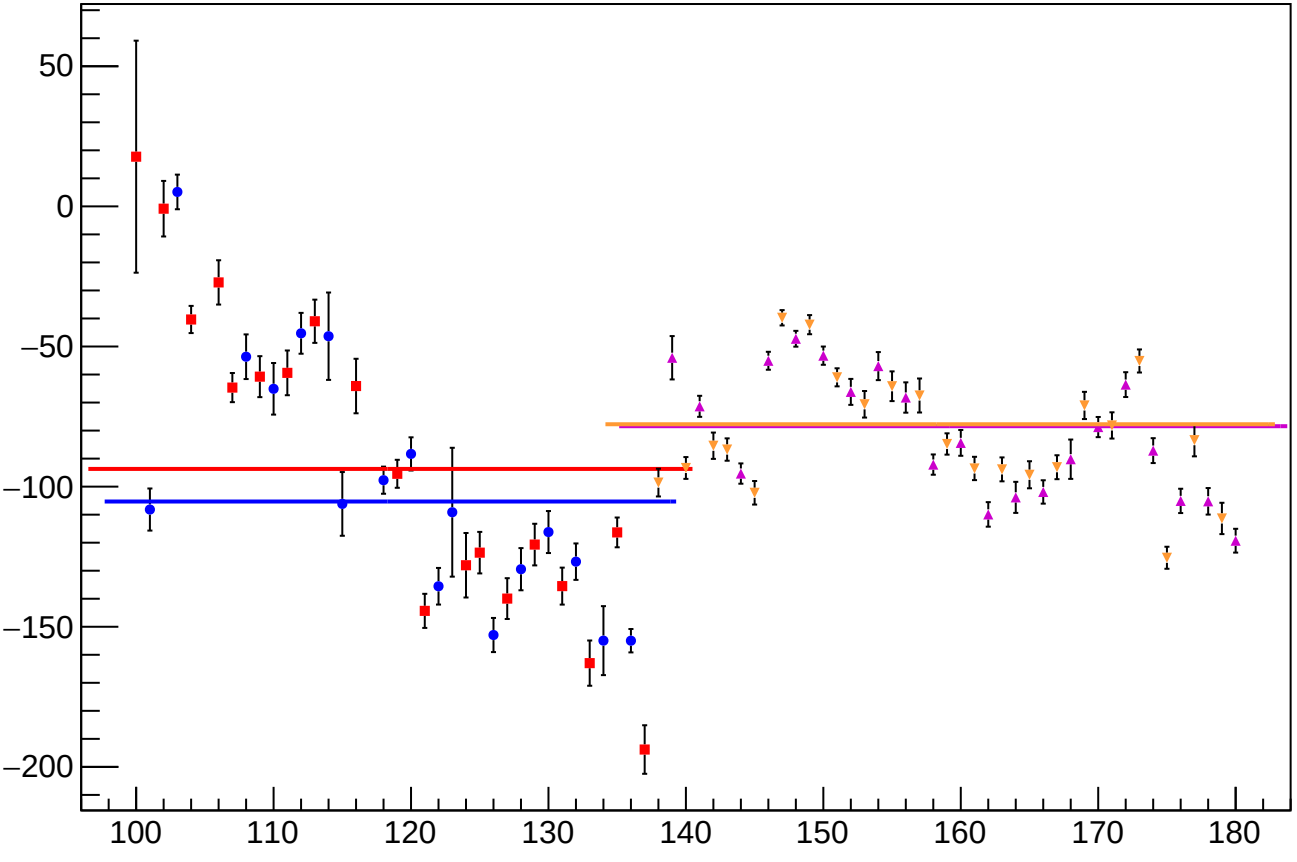
Left In: -258.116+/-1.047 χ^2/NDF:1528.1/20

+ sign -269.678+/-0.989 χ^2/NDF: 3611.1/38

All: -267.679+/-0.691 χ^2/NDF: 7811.0/78

- sign -265.770+/-0.967 χ^2/NDF: 4192.0/39

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -77.741+/-0.895 χ^2/NDF:689.8/21

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

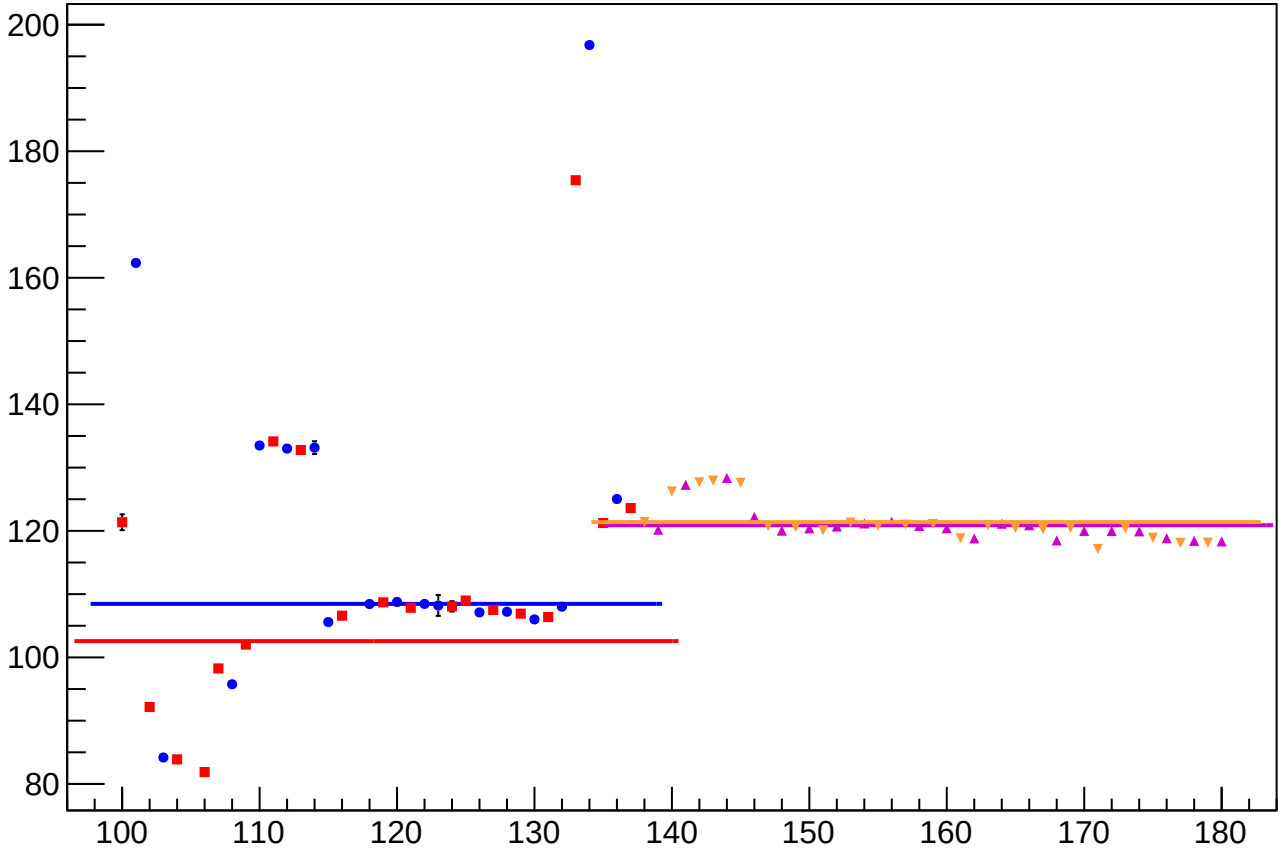
Left In: -78.437+/-0.905 χ^2/NDF:600.0/20

+ sign -83.763+/-0.791 χ^2/NDF: 1634.4/38

All: -82.926+/-0.559 χ^2/NDF: 3131.2/78

- sign -82.093+/-0.789 χ^2/NDF: 1494.5/39

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 121.383+/-0.043 χ^2/NDF:4712.0/21

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

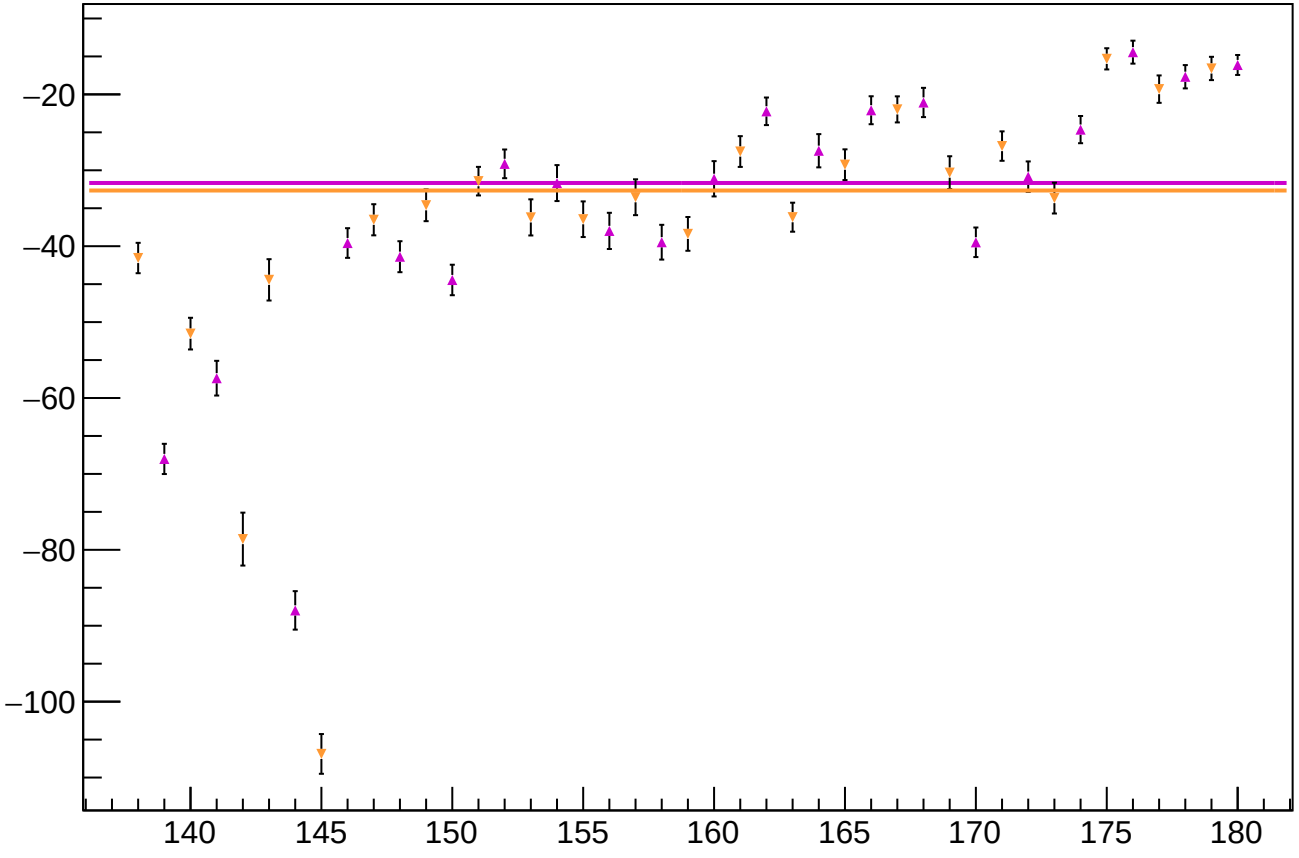
Left In: 120.893+/-0.042 χ^2/NDF:3322.3/20

+ sign 118.743+/-0.038 χ^2/NDF: 96527.2/38

All: 117.771+/-0.027 χ^2/NDF: 195682.6/78

- sign 116.847+/-0.037 χ^2/NDF: 97898.5/39

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -32.662+/-0.430 χ^2/NDF:1493.7/21

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

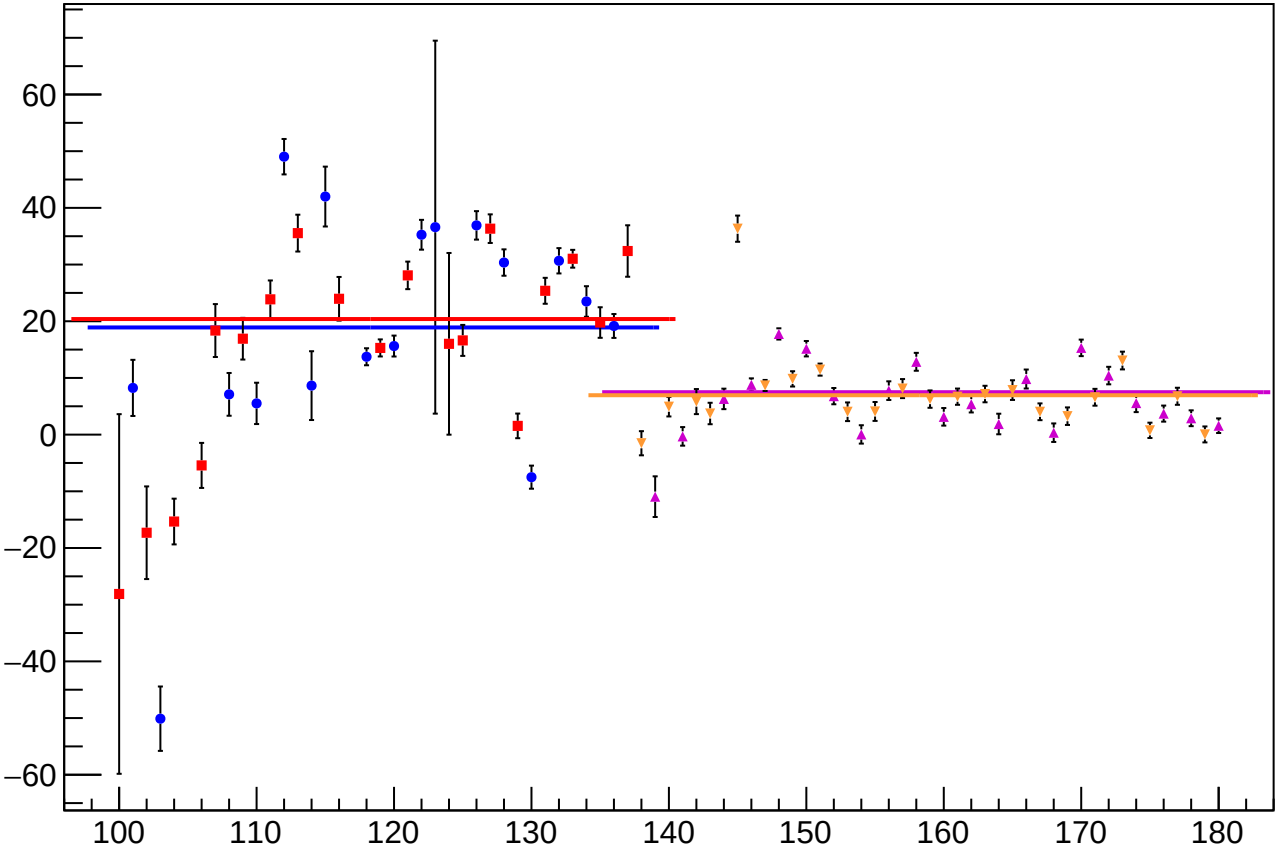
Left In: -31.671+/-0.419 χ^2/NDF:1525.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.153+/-0.300 χ^2/NDF: 3022.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906+/-0.644 χ^2/NDF: 618.9/16

Left Out: 6.949+/-0.320 χ^2/NDF:285.0/21

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

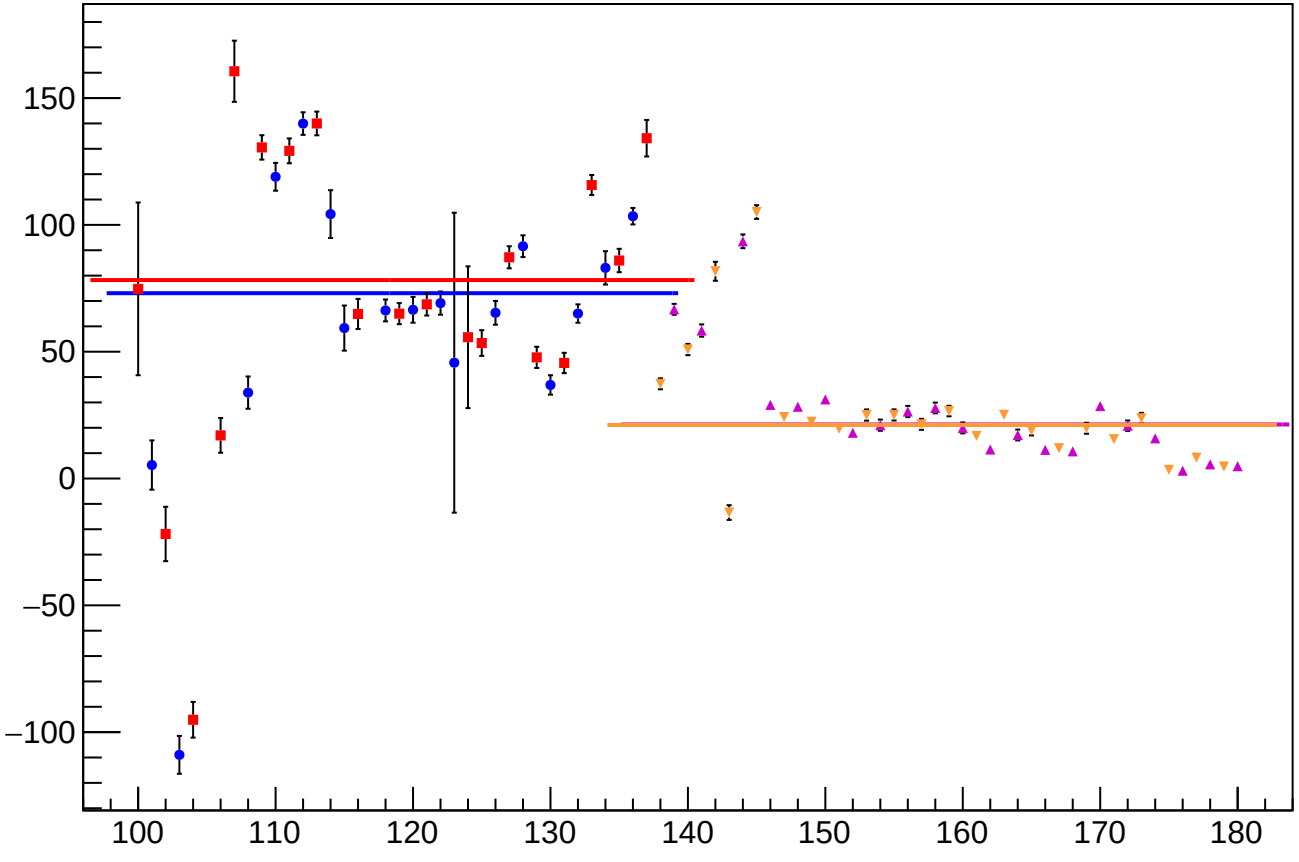
Left In: 7.483+/-0.324 χ^2/NDF:336.0/20

+ sign 9.323+/-0.287 χ^2/NDF: 1180.6/38

All: 9.703+/-0.204 χ^2/NDF: 2206.2/78

- sign 10.090+/-0.289 χ^2/NDF: 1022.0/39

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 21.121+/-0.425 χ^2/NDF:1999.5/21

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

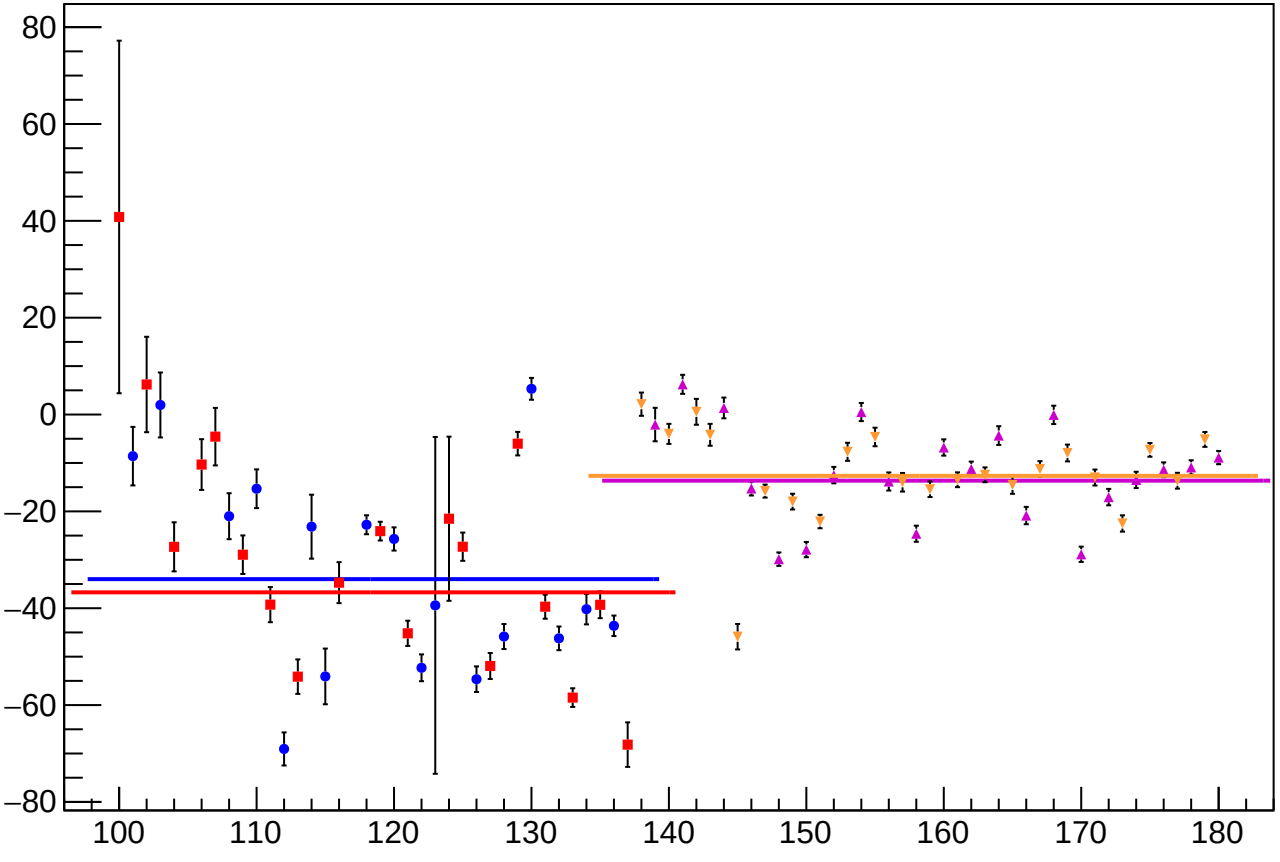
Left In: 21.313+/-0.414 χ^2/NDF:1990.3/20

+ sign 26.679+/-0.402 χ^2/NDF: 4798.1/38

All: 26.928+/-0.281 χ^2/NDF: 10277.1/78

- sign 27.166+/-0.392 χ^2/NDF: 5478.3/39

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -12.660+/-0.366 χ^2/NDF:426.5/21

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

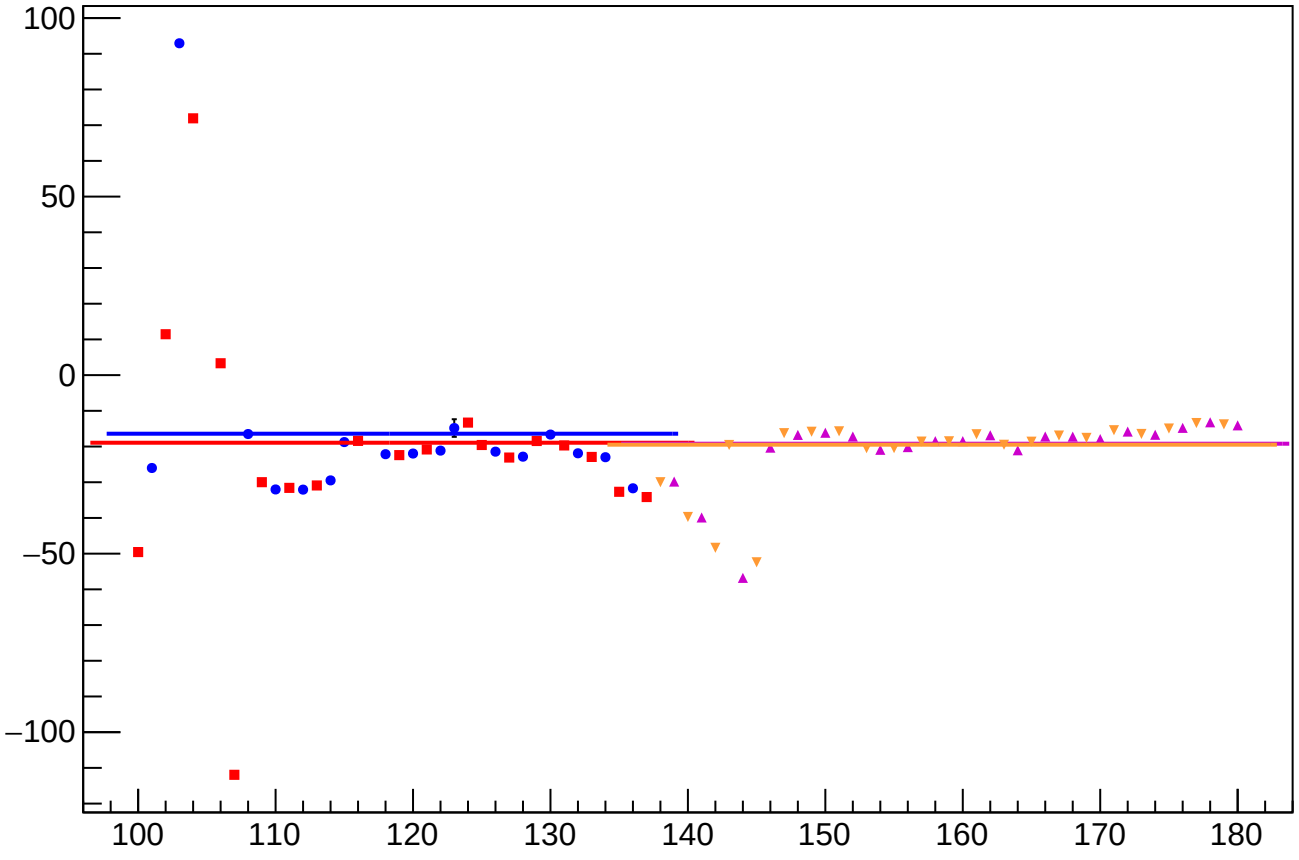
Left In: -13.656+/-0.367 χ^2/NDF:707.3/20

+ sign -16.895+/-0.328 χ^2/NDF: 1819.0/38

All: -17.571+/-0.232 χ^2/NDF: 3862.5/78

- sign -18.249+/-0.329 χ^2/NDF: 2034.9/39

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -19.481+/-0.017 χ^2/NDF:224417.2/21

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

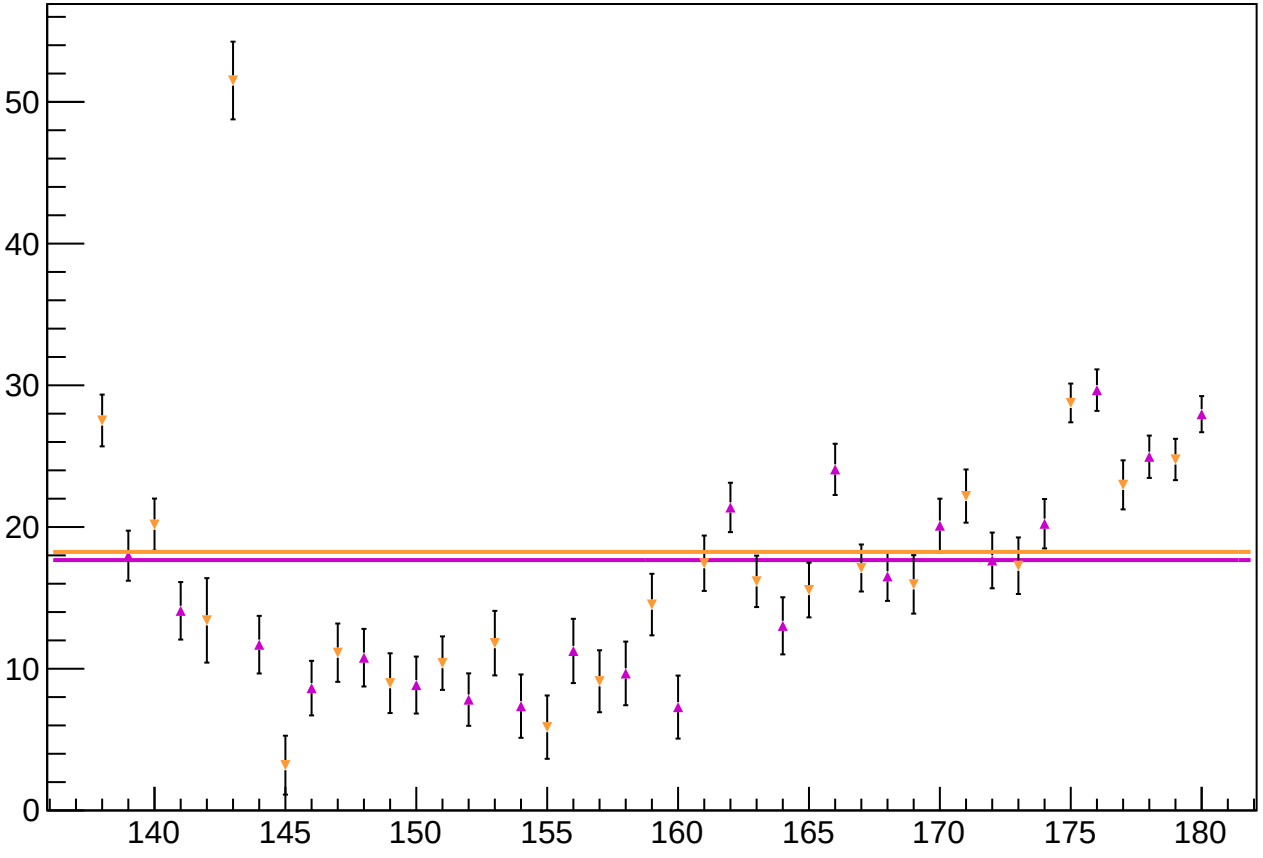
Left In: -19.210+/-0.017 χ^2/NDF:192601.6/20

+ sign -19.089+/-0.016 χ^2/NDF: 702960.5/38

All: -19.134+/-0.011 χ^2/NDF: 1329762.3/78

- sign -19.177+/-0.016 χ^2/NDF: 626786.4/39

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 18.243+/-0.410 χ^2/NDF:433.0/21

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

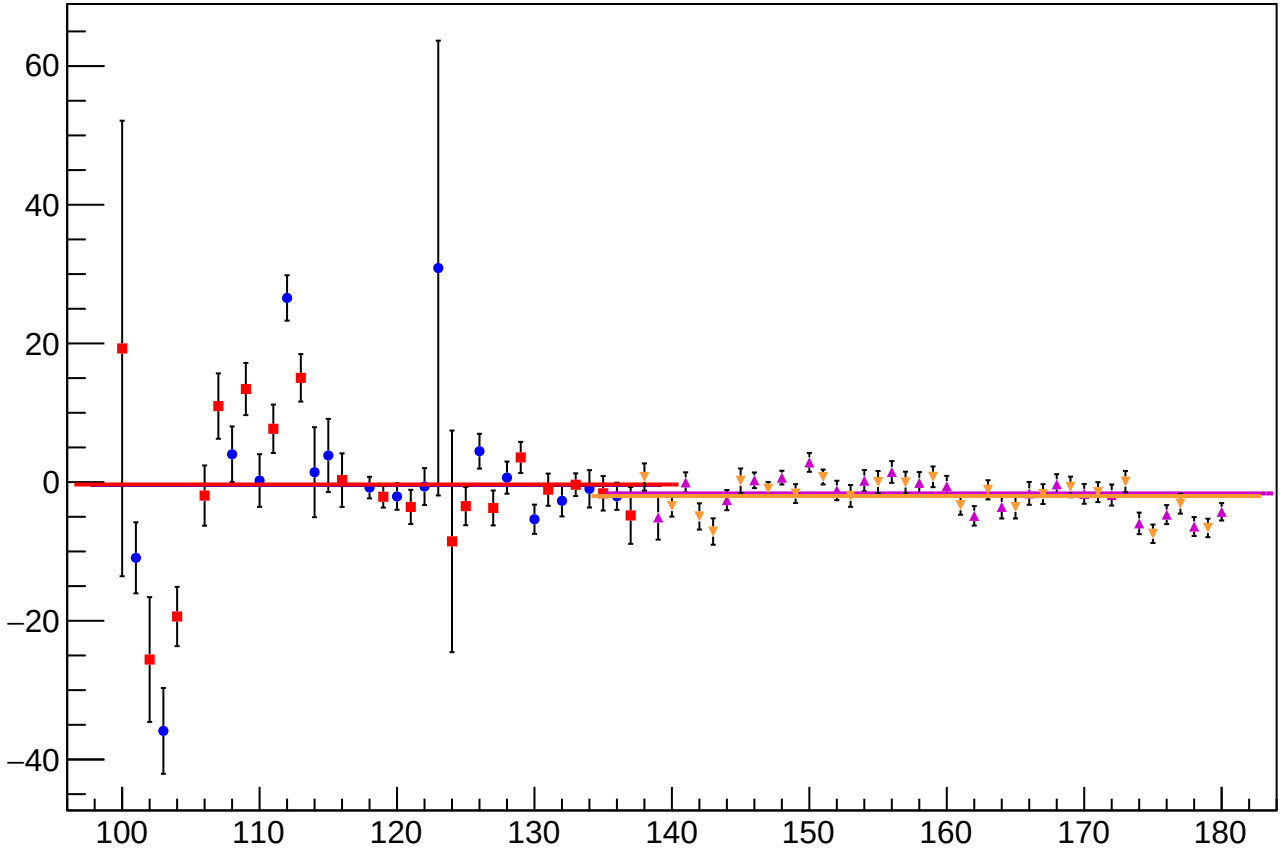
Left In: 17.667+/-0.400 χ^2/NDF:339.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 17.948+/-0.286 χ^2/NDF: 773.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.414+/-0.653 χ^2/NDF: 119.9/16

Left Out: -2.011+/-0.308 χ^2/NDF:62.8/21

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

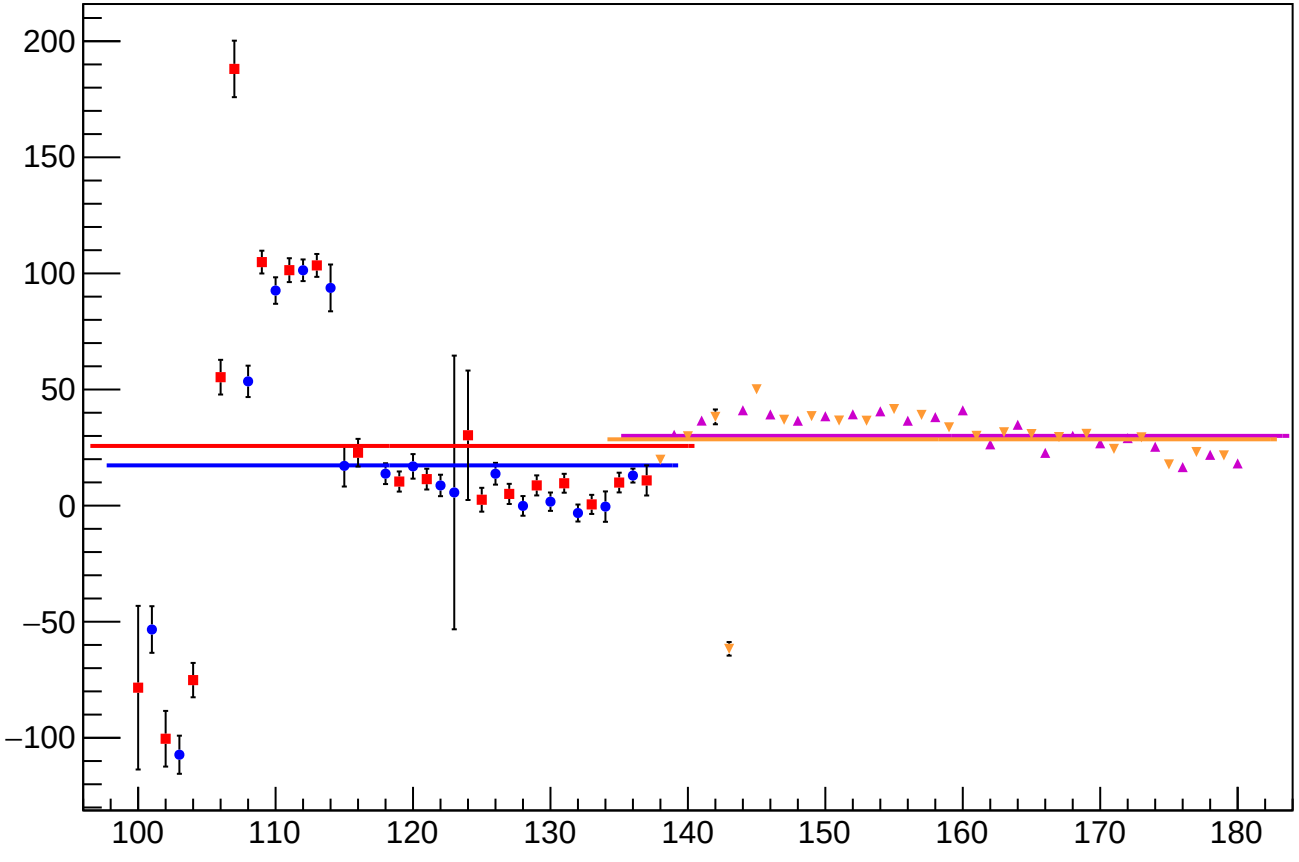
Left In: -1.631+/-0.311 χ^2/NDF:65.6/20

+ sign -1.721+/-0.278 χ^2/NDF: 187.6/38

All: -1.560+/-0.198 χ^2/NDF: 340.8/78

- sign -1.396+/-0.281 χ^2/NDF: 152.5/39

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 28.554+/-0.406 χ^2/NDF:1337.5/21

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

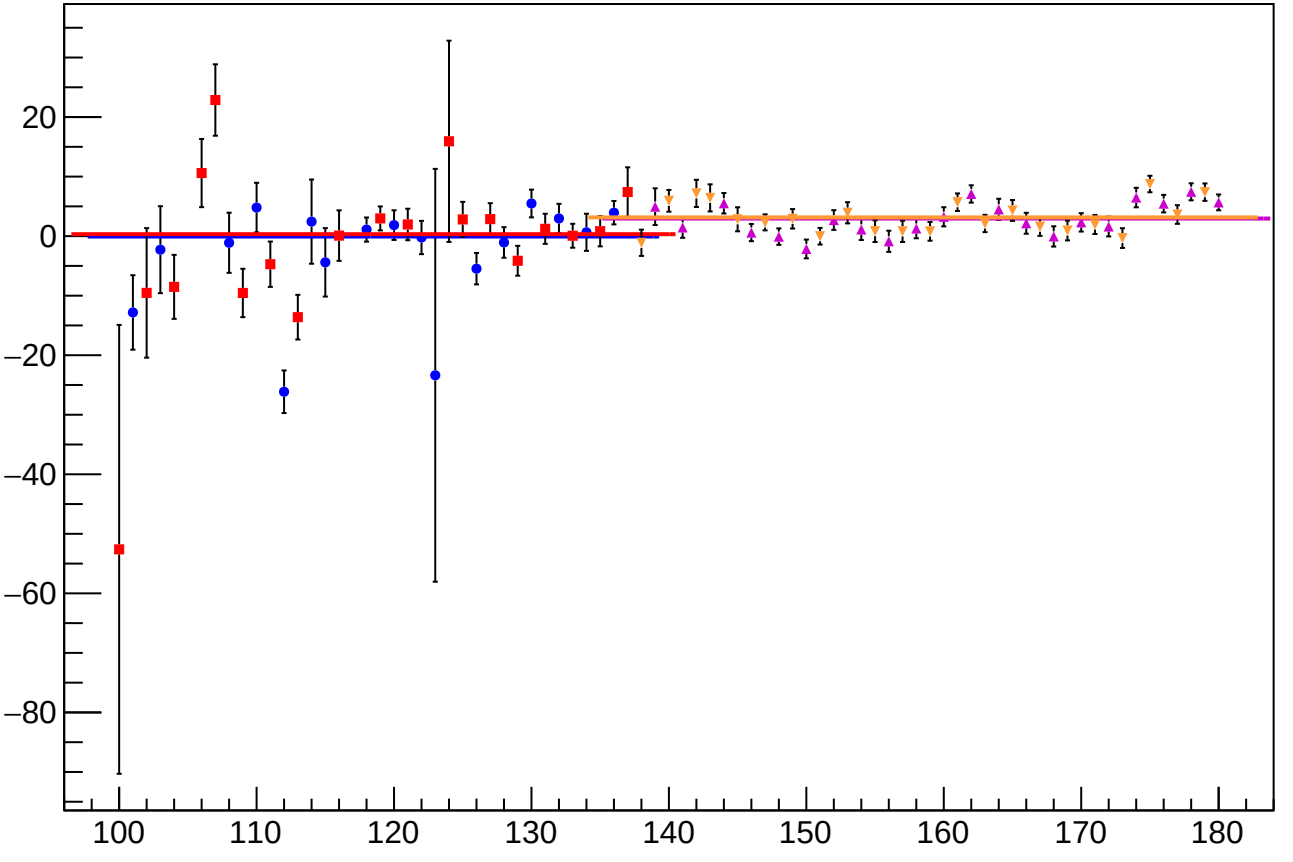
Left In: 30.041+/-0.396 χ^2/NDF:438.4/20

+ sign 27.464+/-0.386 χ^2/NDF: 2354.8/38

All: 28.578+/-0.270 χ^2/NDF: 4199.6/78

- sign 29.642+/-0.377 χ^2/NDF: 1828.5/39

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 3.146+/-0.352 χ^2/NDF:59.1/21

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

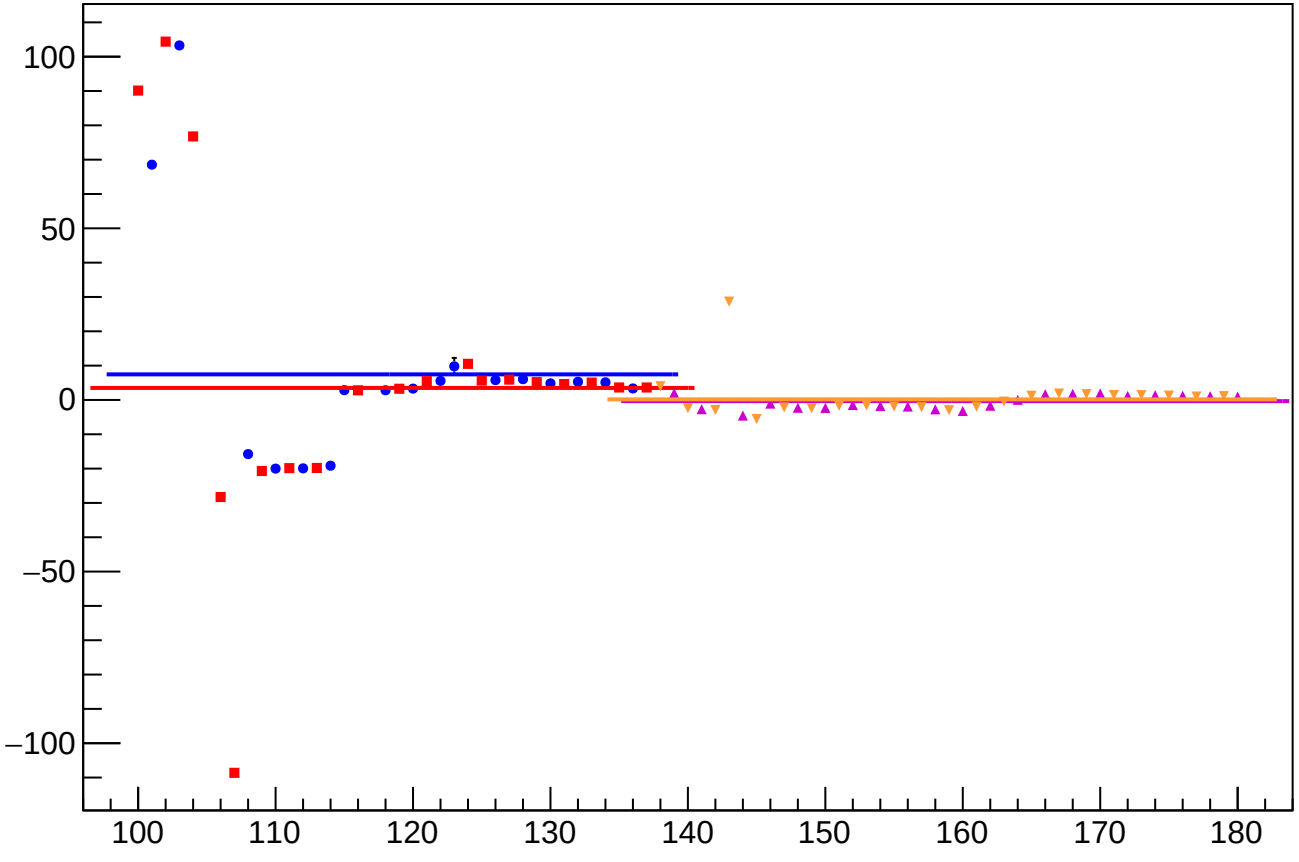
Left In: 2.956+/-0.352 χ^2/NDF:62.6/20

+ sign 2.561+/-0.318 χ^2/NDF: 150.8/38

All: 2.520+/-0.225 χ^2/NDF: 278.7/78

- sign 2.480+/-0.319 χ^2/NDF: 127.8/39

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: 0.169+/-0.016 χ^2/NDF:77635.5/21

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

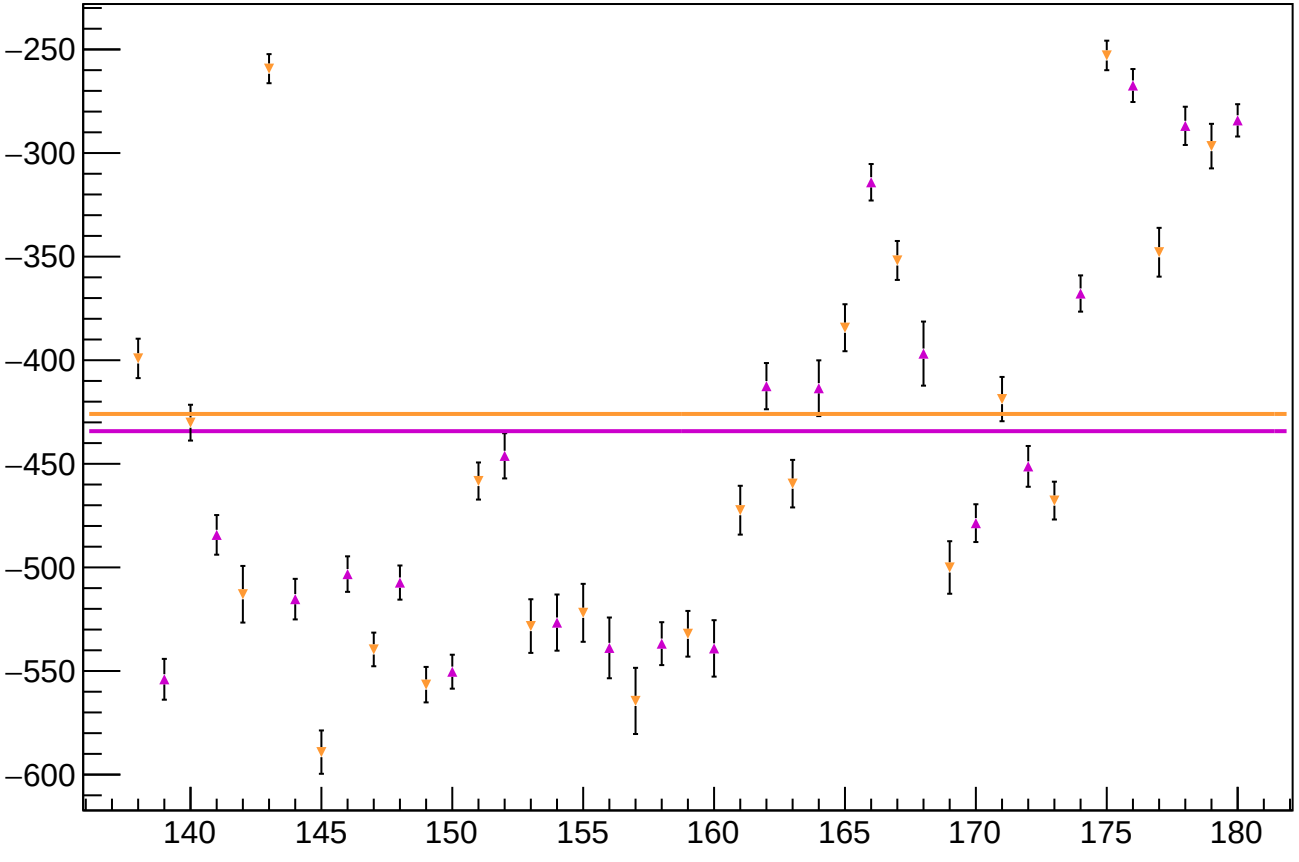
Left In: -0.342+/-0.016 χ^2/NDF:14496.6/20

+ sign 1.022+/-0.015 χ^2/NDF: 457433.2/38

All: 0.544+/-0.011 χ^2/NDF: 990819.5/78

- sign 0.076+/-0.015 χ^2/NDF: 531425.1/39

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -425.931+/-2.131 χ^2/NDF:2509.2/21

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

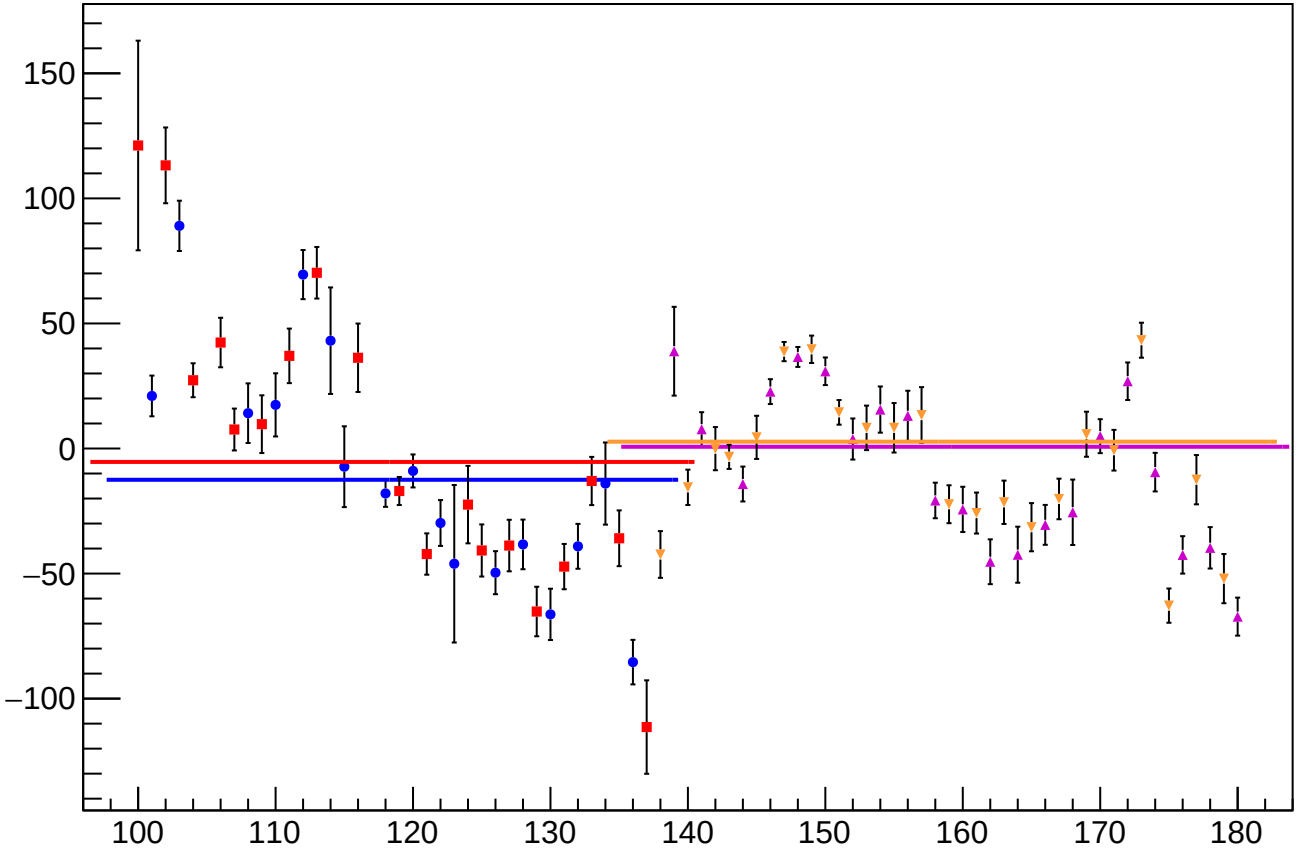
Left In: -434.240+/-2.141 χ^2/NDF:2190.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -430.066+/-1.511 χ^2/NDF: 4707.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.500+/-2.311 χ^2/NDF: 341.1/16

Left Out: 2.731+/-1.515 χ^2/NDF:382.5/21

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

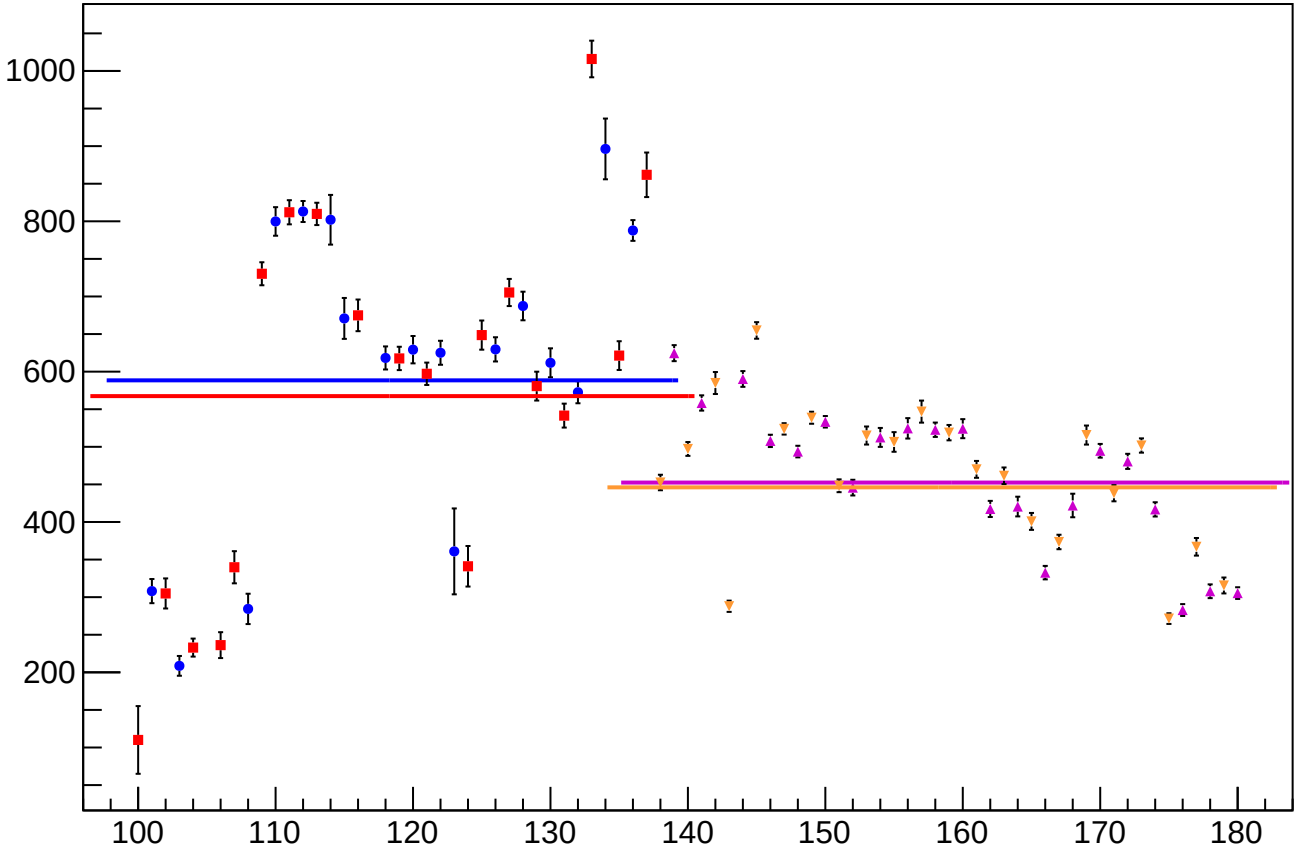
Left In: 0.697+/-1.586 χ^2/NDF:373.7/20

+ sign -1.849+/-1.267 χ^2/NDF: 753.9/38

All: -1.580+/-0.907 χ^2/NDF: 1477.1/78

- sign -1.297+/-1.299 χ^2/NDF: 723.1/39

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 446.062+/-2.121 χ^2/NDF:2261.9/21

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

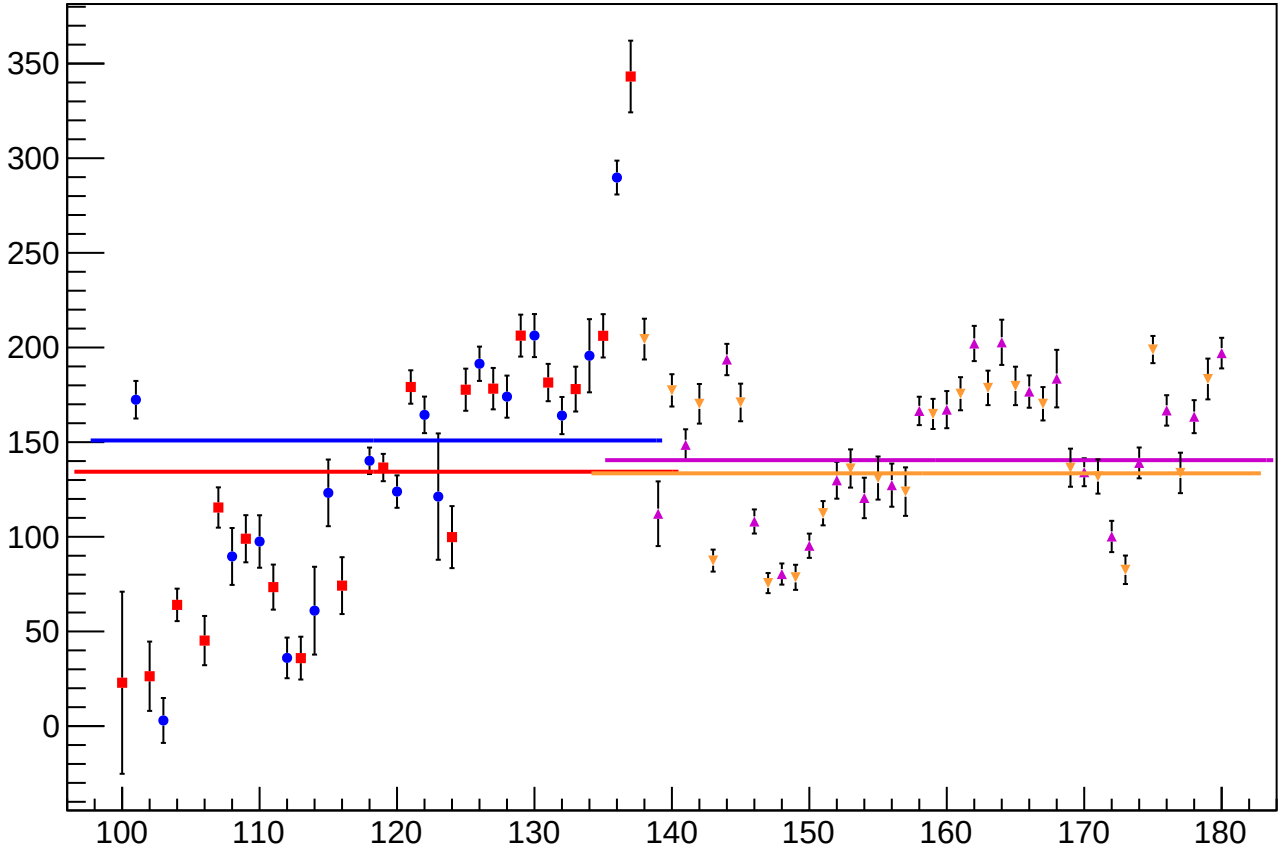
Left In: 452.444+/-2.118 χ^2/NDF:2178.6/20

+ sign 473.699+/-1.904 χ^2/NDF: 5267.1/38

All: 475.027+/-1.340 χ^2/NDF: 10843.8/78

- sign 476.329+/-1.885 χ^2/NDF: 5575.8/39

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 133.529+/-1.775 χ^2/NDF:610.4/21

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

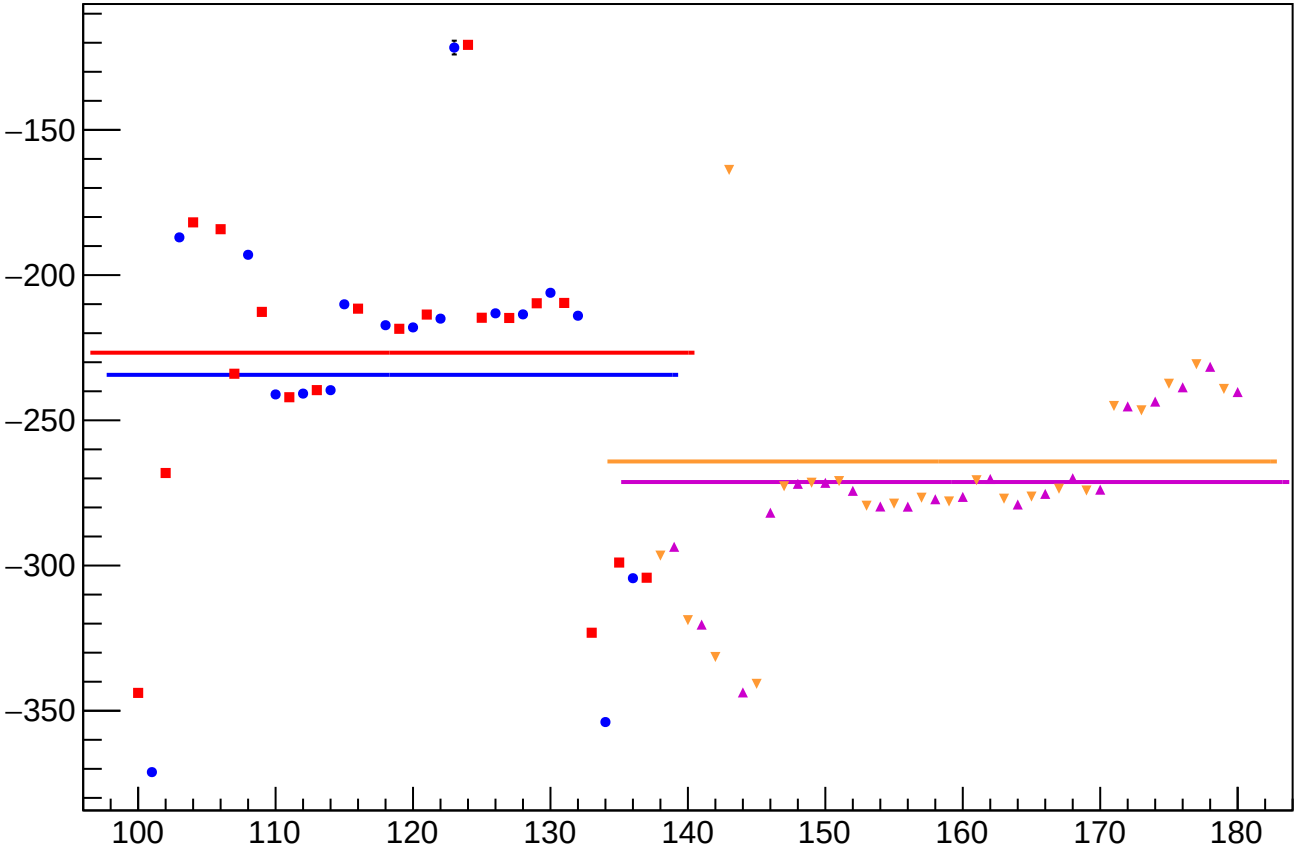
Left In: 140.486+/-1.832 χ^2/NDF:450.4/20

+ sign 138.839+/-1.479 χ^2/NDF: 1274.4/38

All: 138.662+/-1.054 χ^2/NDF: 2313.4/78

- sign 138.480+/-1.502 χ^2/NDF: 1038.9/39

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -264.166+/-0.086 χ^2/NDF:207746.3/21

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

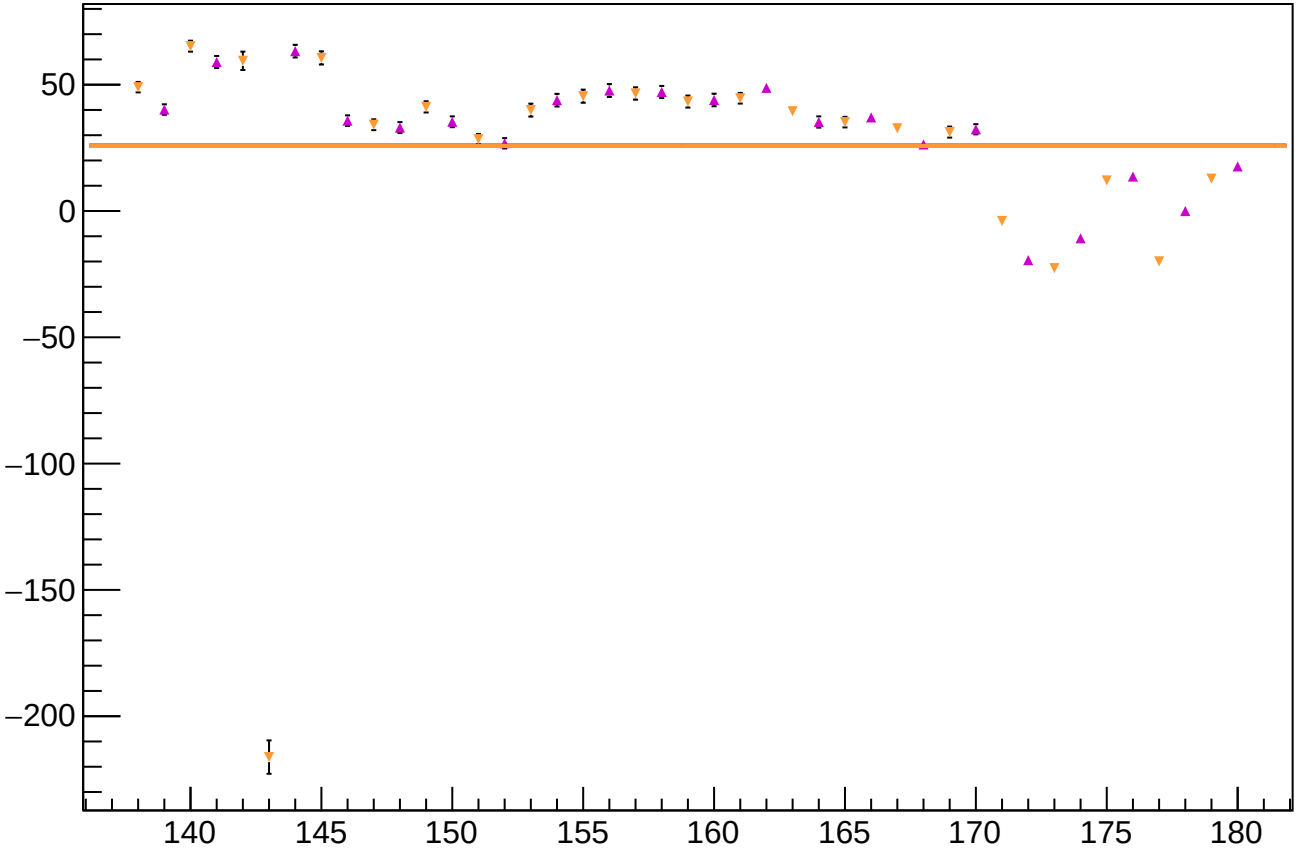
Left In: -271.246+/-0.086 χ^2/NDF:80048.3/20

+ sign -256.677+/-0.074 χ^2/NDF: 383198.5/38

All: -257.958+/-0.052 χ^2/NDF: 635720.9/78

- sign -259.210+/-0.073 χ^2/NDF: 251934.8/39

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 25.717+/-0.447 χ^2/NDF:4131.2/21

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

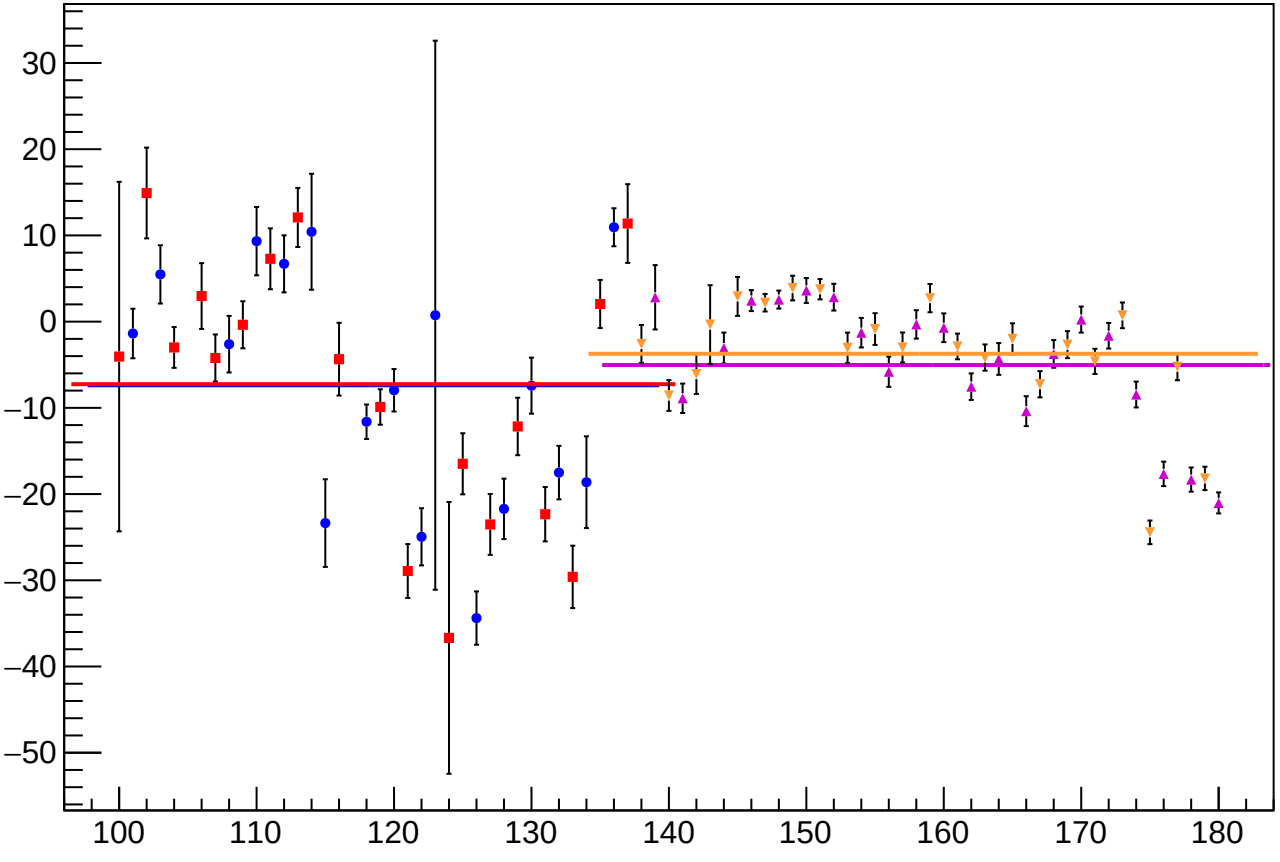
Left In: 25.946+/-0.426 χ^2/NDF:2393.3/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 25.837+/-0.308 χ^2/NDF: 6524.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.381+/-0.779 χ^2/NDF: 283.6/16

Left Out: -3.729+/-0.336 χ^2/NDF:498.7/21

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

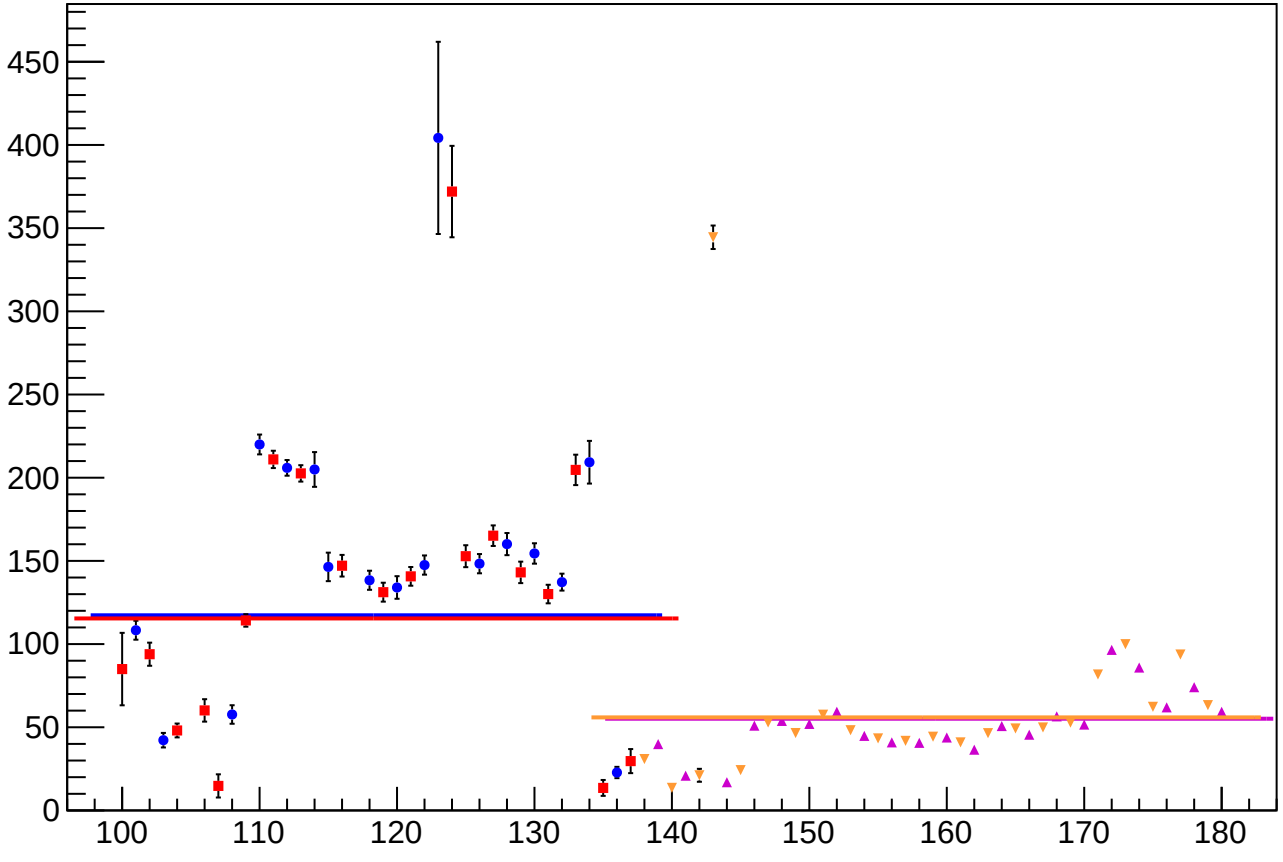
Left In: -5.033+/-0.332 χ^2/NDF:559.3/20

+ sign -4.302+/-0.308 χ^2/NDF: 800.8/38

All: -4.851+/-0.217 χ^2/NDF: 1630.9/78

- sign -5.388+/-0.305 χ^2/NDF: 823.8/39

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 55.931+/-0.442 χ^2/NDF:3685.3/21

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

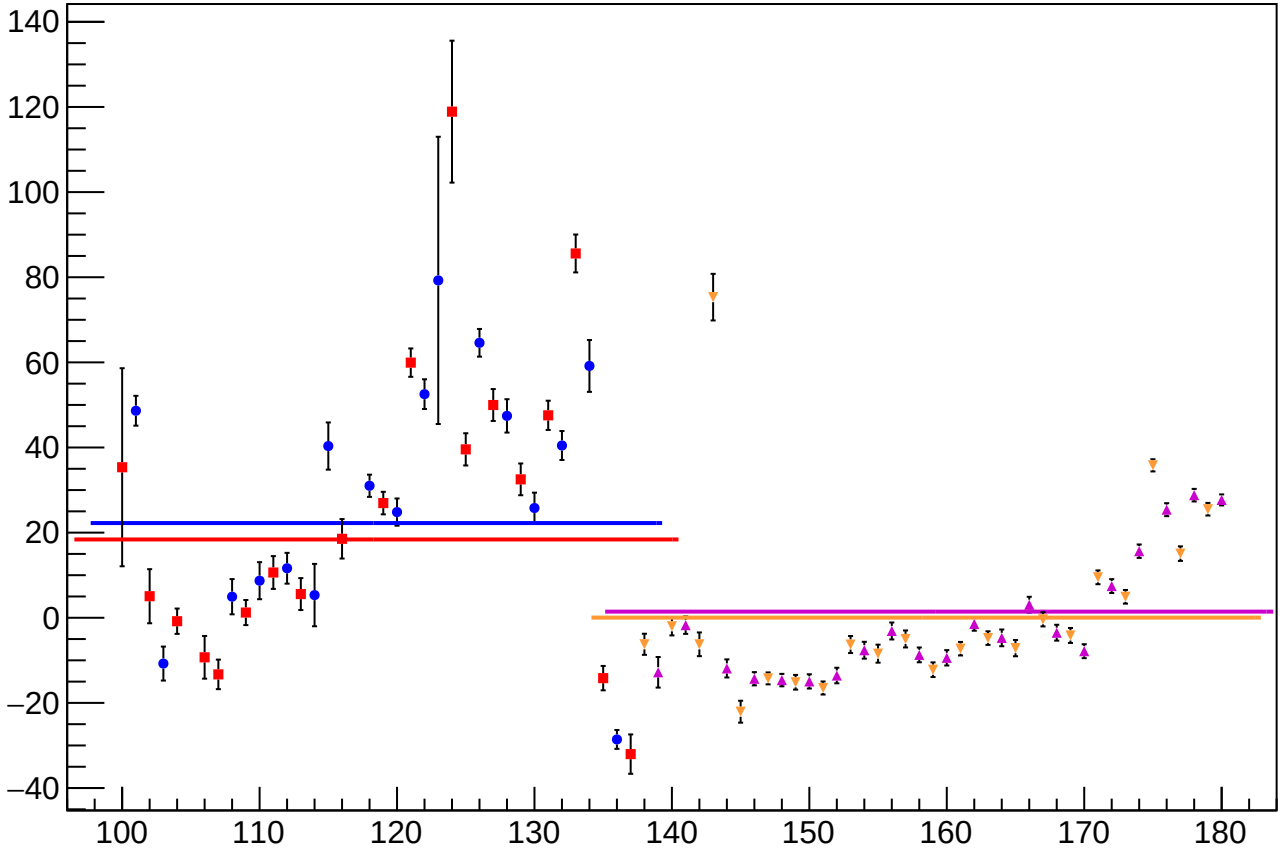
Left In: 55.138+/-0.422 χ^2/NDF:1608.1/20

+ sign 61.430+/-0.422 χ^2/NDF: 7574.8/38

All: 60.901+/-0.291 χ^2/NDF: 13126.5/78

- sign 60.419+/-0.403 χ^2/NDF: 5548.6/39

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: 0.038+/-0.383 χ^2/NDF:1743.1/21

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

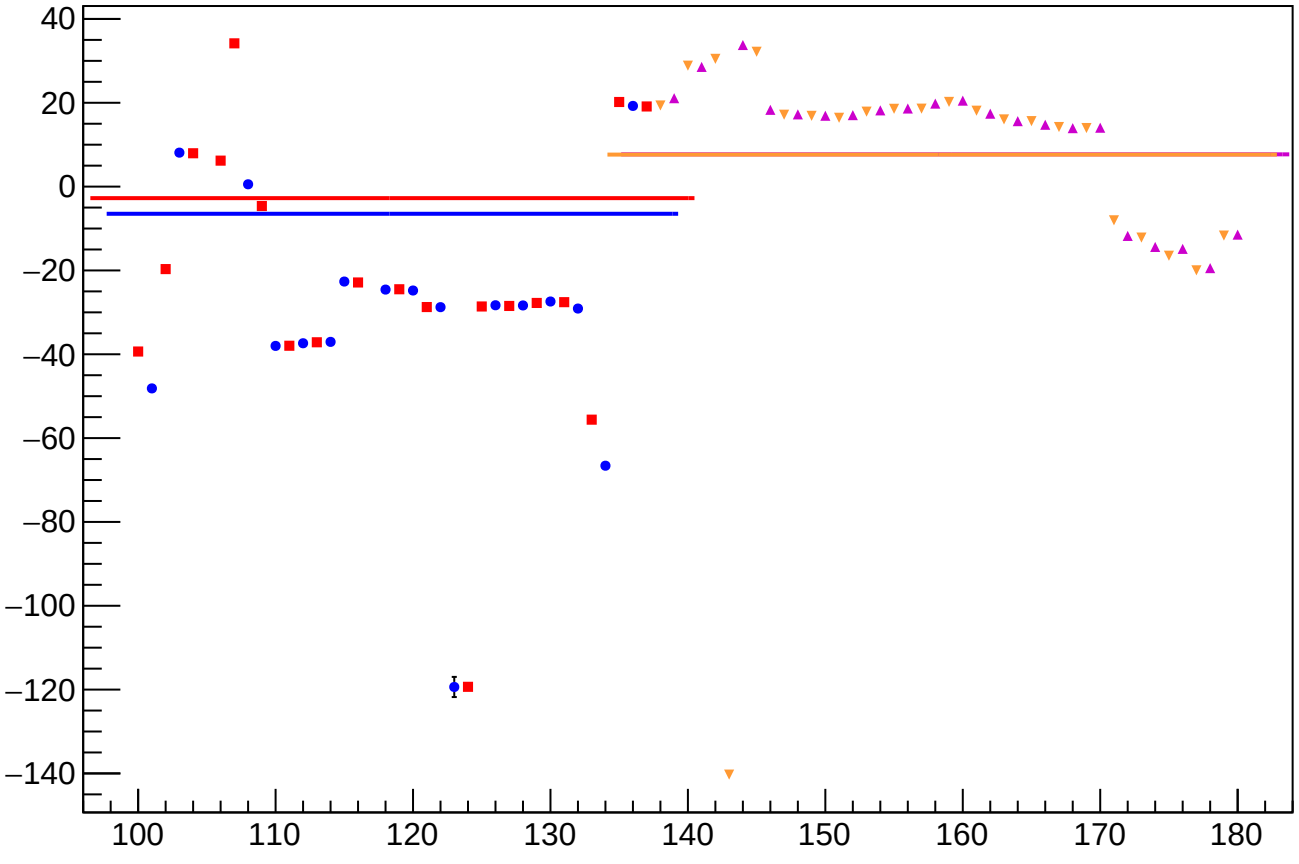
Left In: 1.444+/-0.376 χ^2/NDF:1689.2/20

+ sign 3.511+/-0.352 χ^2/NDF: 3341.0/38

All: 3.811+/-0.246 χ^2/NDF: 6427.5/78

- sign 4.100+/-0.345 χ^2/NDF: 3085.1/39

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 7.638+/-0.018 χ^2/NDF:1049352.0/21

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

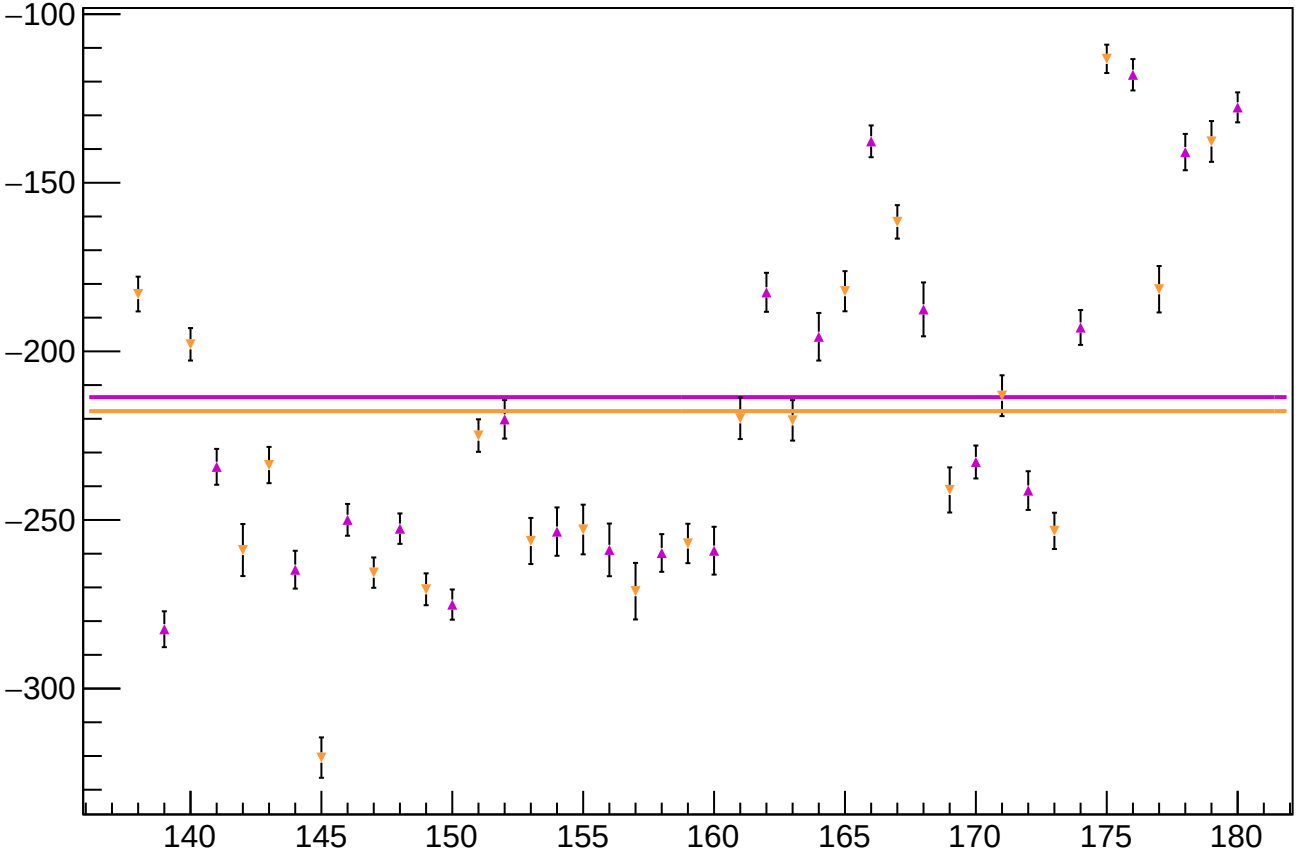
Left In: 7.696+/-0.017 χ^2/NDF:846329.4/20

+ sign 5.836+/-0.016 χ^2/NDF: 1396776.0/38

All: 6.136+/-0.011 χ^2/NDF: 2555949.4/78

- sign 6.418+/-0.016 χ^2/NDF: 1158531.0/39

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -217.707+/-1.202 χ^2/NDF:1814.0/21

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

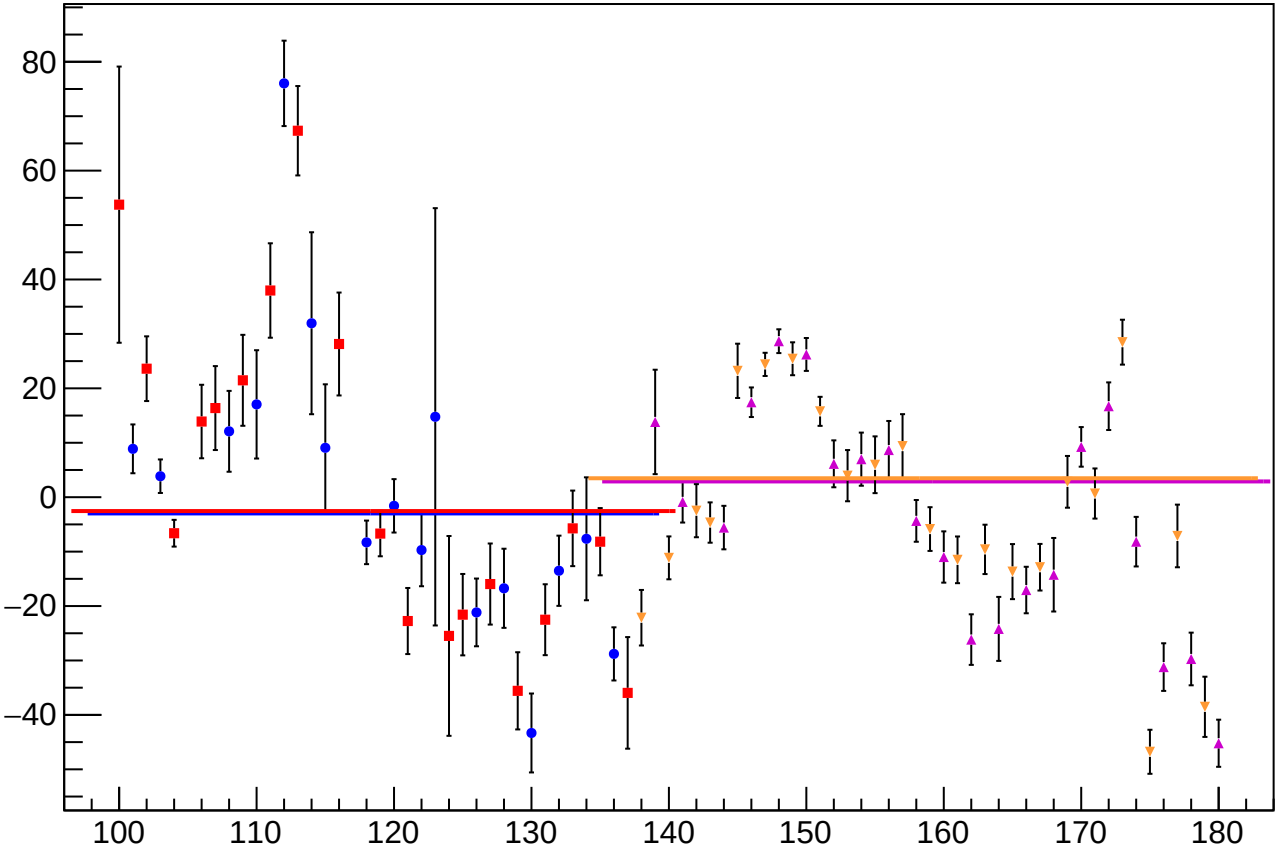
Left In: -213.576+/-1.182 χ^2/NDF:2101.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -215.607+/-0.843 χ^2/NDF: 3921.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981+/-1.450 χ^2/NDF: 203.9/16

Left Out: 3.480+/-0.854 χ^2/NDF:537.1/21

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

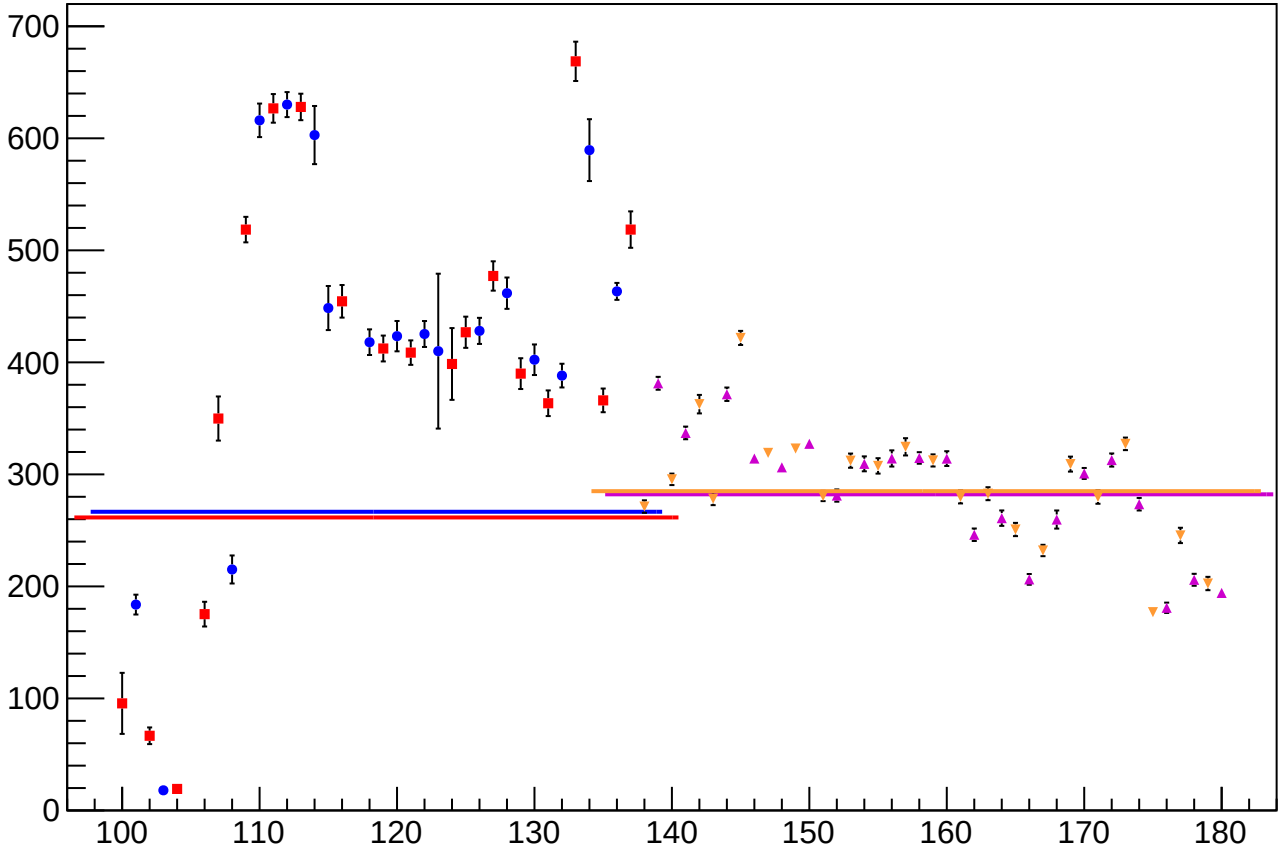
Left In: 2.895+/-0.871 χ^2/NDF:585.8/20

+ sign 1.817+/-0.736 χ^2/NDF: 755.8/38

All: 1.596+/-0.522 χ^2/NDF: 1570.7/78

- sign 1.373+/-0.740 χ^2/NDF: 814.8/39

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 285.012+/-1.190 χ^2/NDF:1895.5/21

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

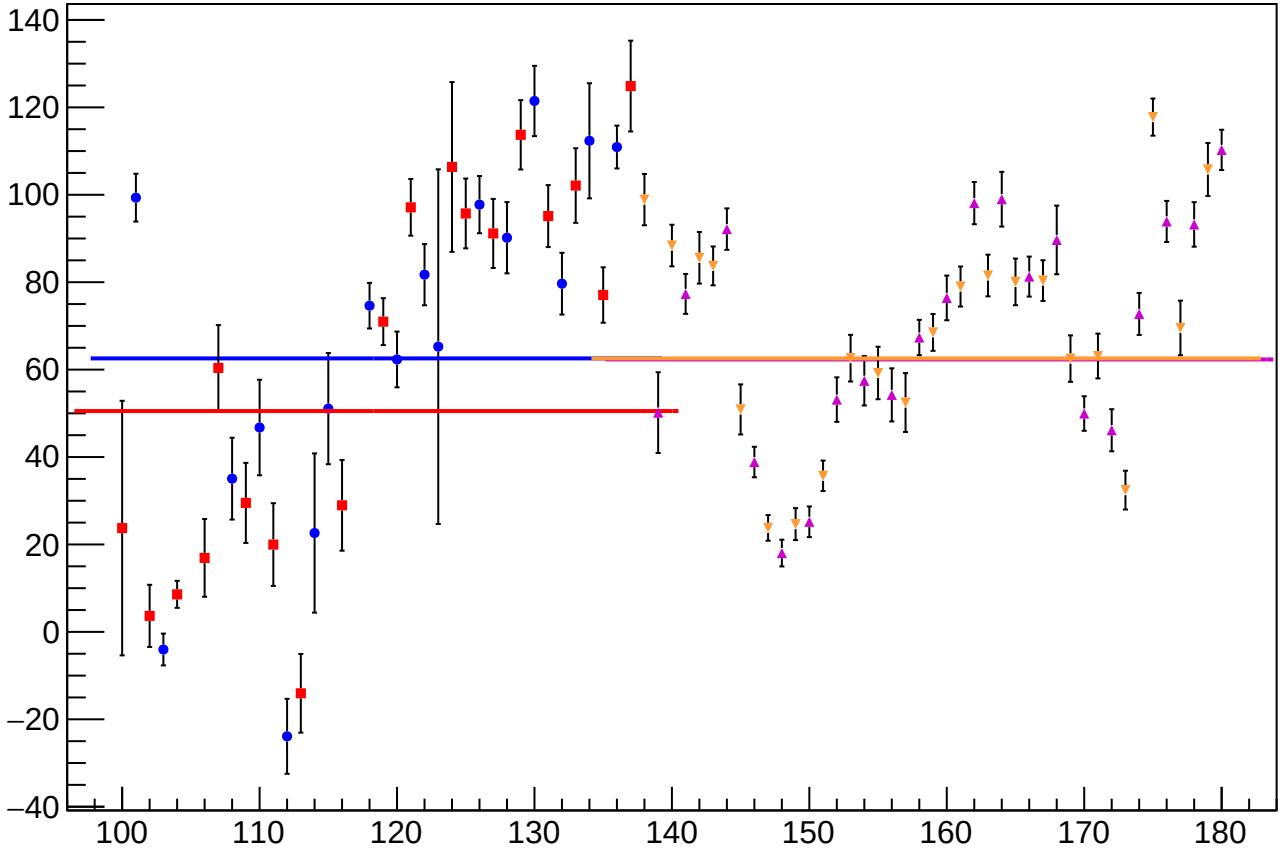
Left In: 282.196+/-1.167 χ^2/NDF:2346.4/20

+ sign 281.563+/-1.073 χ^2/NDF: 9602.9/38

All: 279.954+/-0.752 χ^2/NDF: 20219.5/78

- sign 278.400+/-1.054 χ^2/NDF: 10612.2/39

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 62.564+/-0.998 χ^2/NDF:777.1/21

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

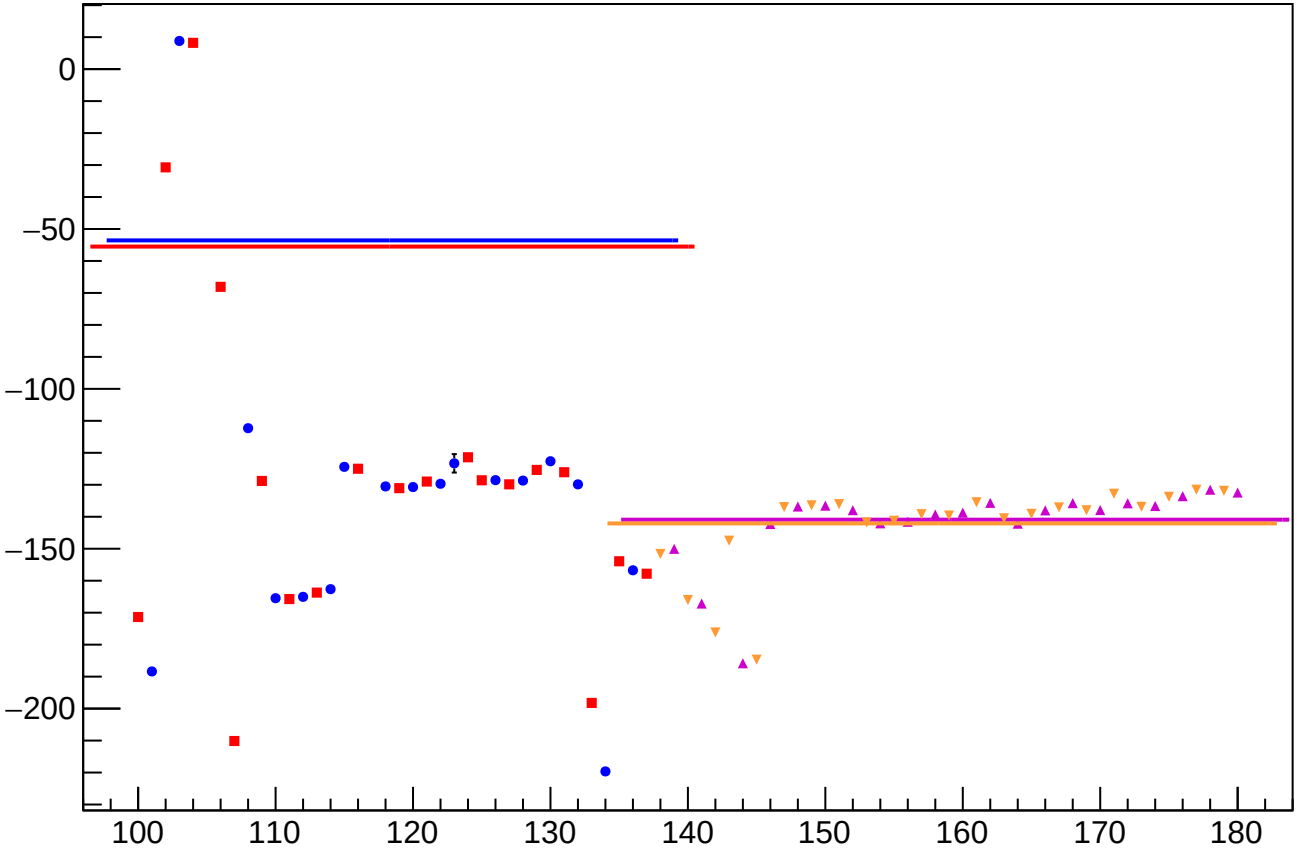
Left In: 62.328+/-1.008 χ^2/NDF:768.5/20

+ sign 62.565+/-0.858 χ^2/NDF: 1499.5/38

All: 60.836+/-0.607 χ^2/NDF: 2970.6/78

- sign 59.103+/-0.859 χ^2/NDF: 1463.0/39

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -142.087+/-0.048 χ^2/NDF:65541.2/21

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

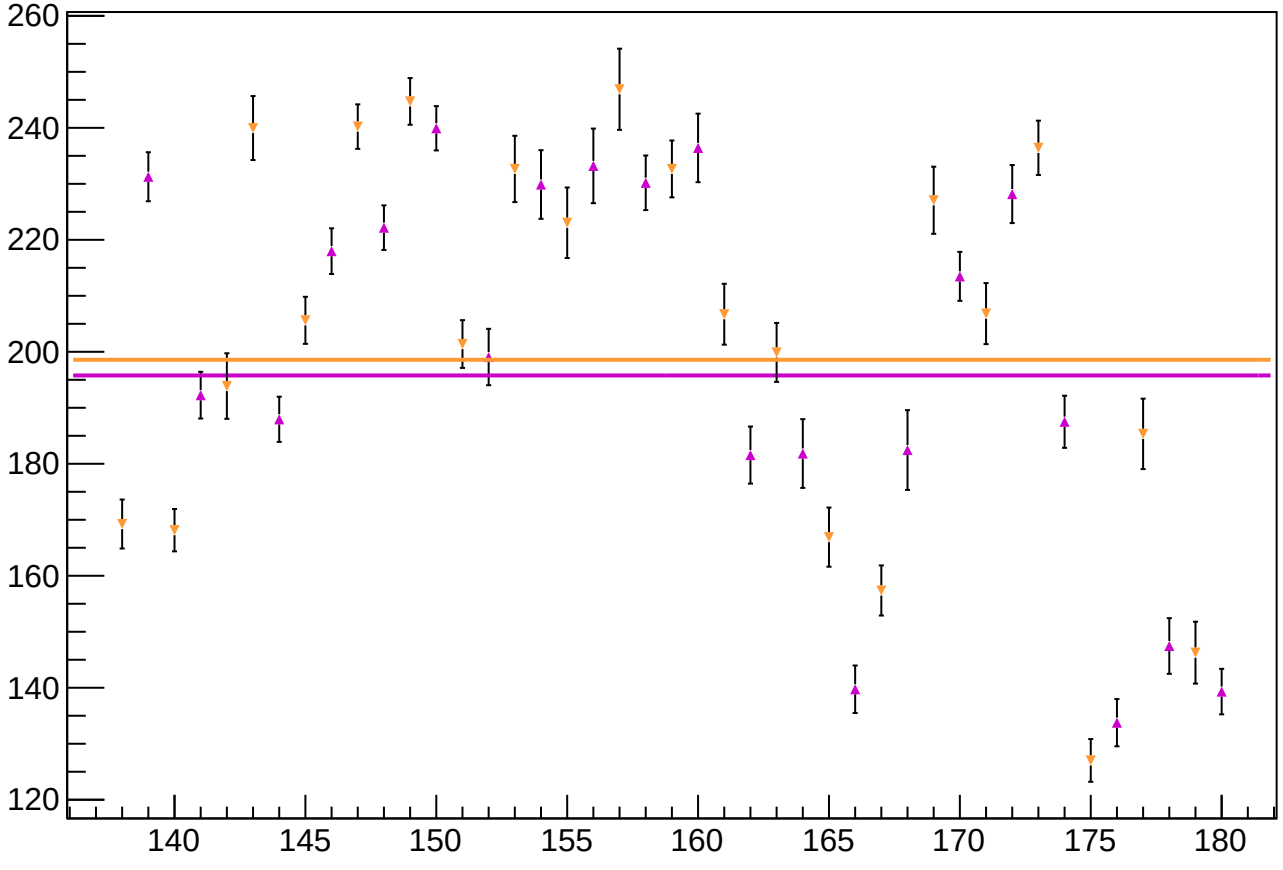
Left In: -140.915+/-0.047 χ^2/NDF:52385.2/20

+ sign -113.881+/-0.040 χ^2/NDF: 2376891.8/38

All: -114.534+/-0.028 χ^2/NDF: 4385291.9/78

- sign -115.181+/-0.039 χ^2/NDF: 2007860.5/39

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 198.578+/-1.047 χ^2/NDF:1190.0/21

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

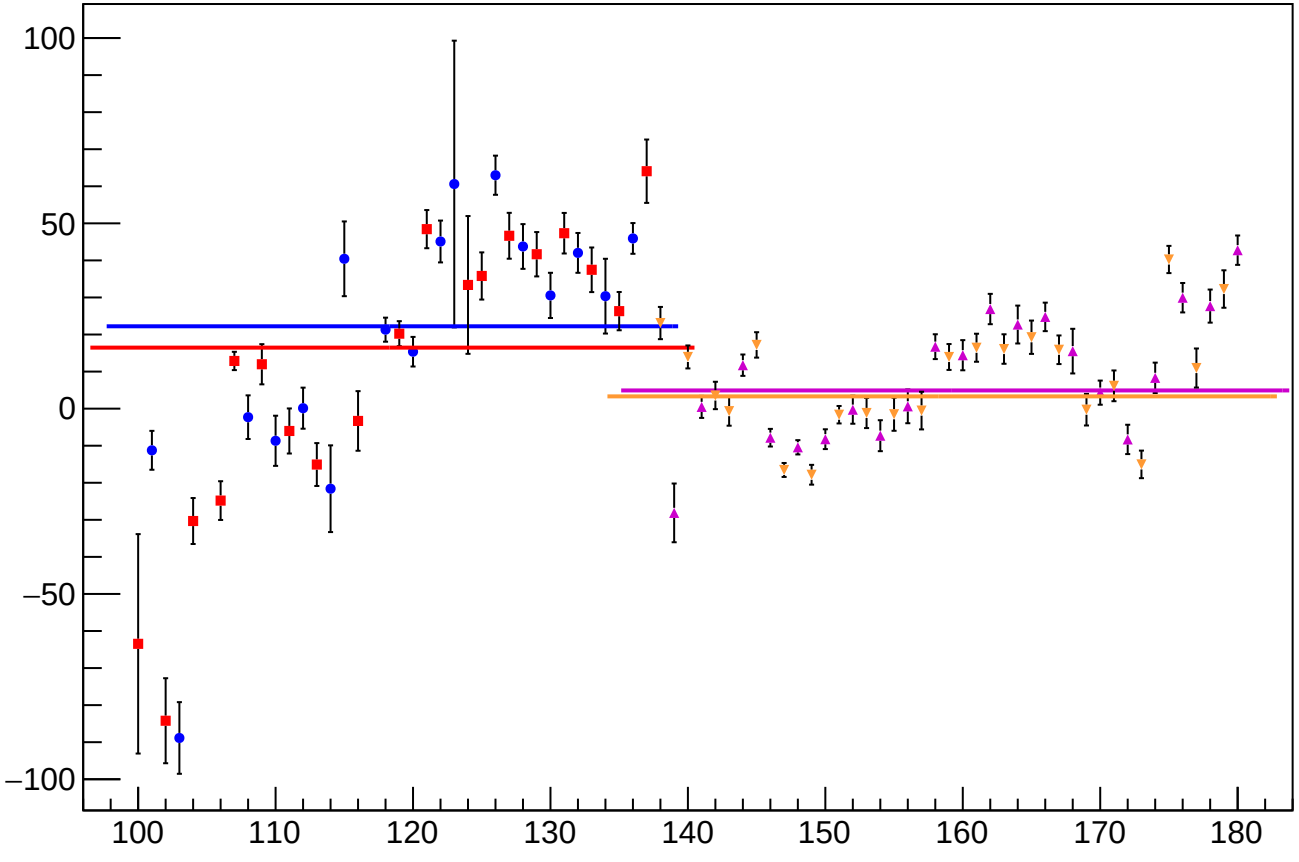
Left In: 195.775+/-1.027 χ^2/NDF:1177.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 197.149+/-0.733 χ^2/NDF: 2371.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221+/-1.374 χ^2/NDF: 385.6/16

Left Out: 3.310+/-0.746 χ^2/NDF:447.5/21

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

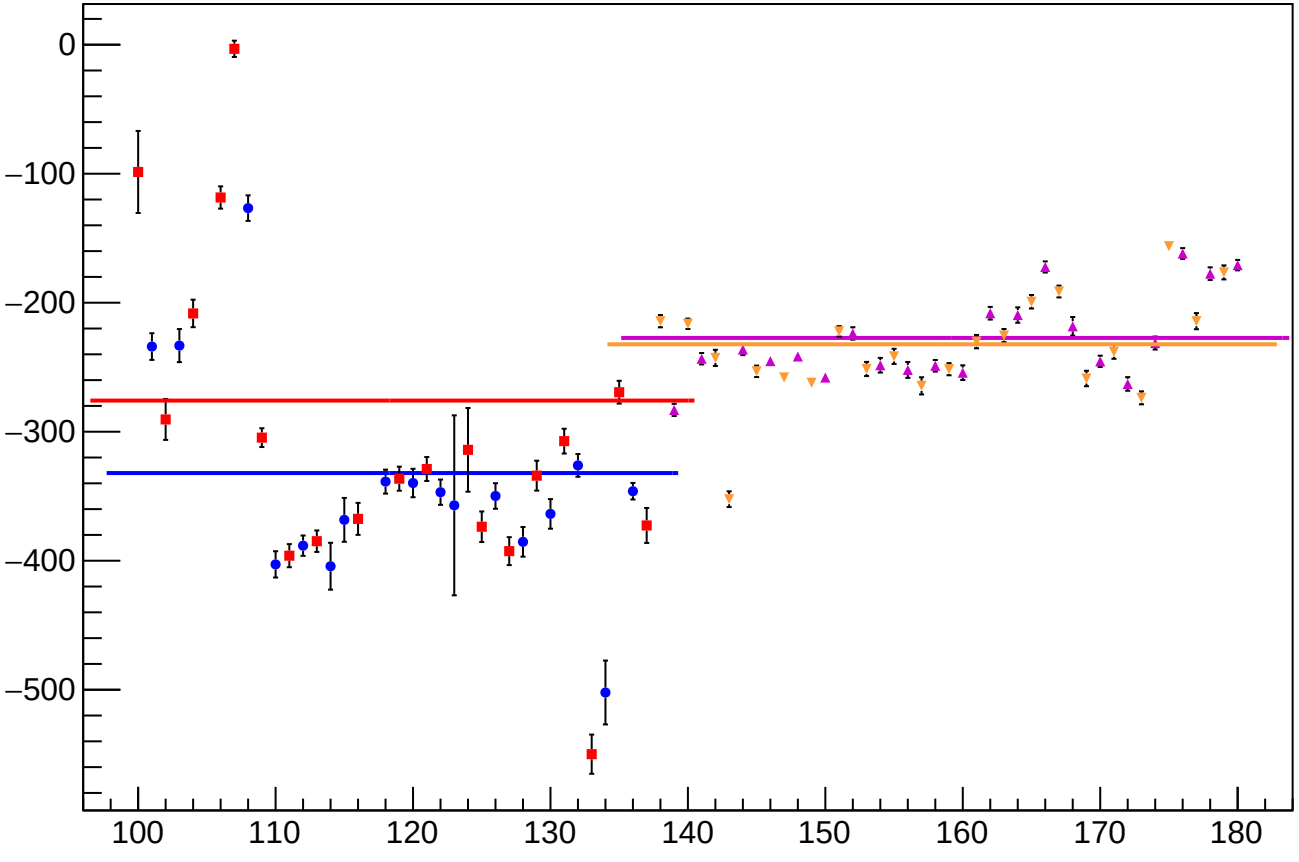
Left In: 4.914+/-0.757 χ^2/NDF:409.9/20

+ sign 7.615+/-0.655 χ^2/NDF: 979.4/38

All: 7.855+/-0.460 χ^2/NDF: 1879.5/78

- sign 8.087+/-0.644 χ^2/NDF: 899.8/39

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -232.228+/-1.039 χ^2/NDF:1330.3/21

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

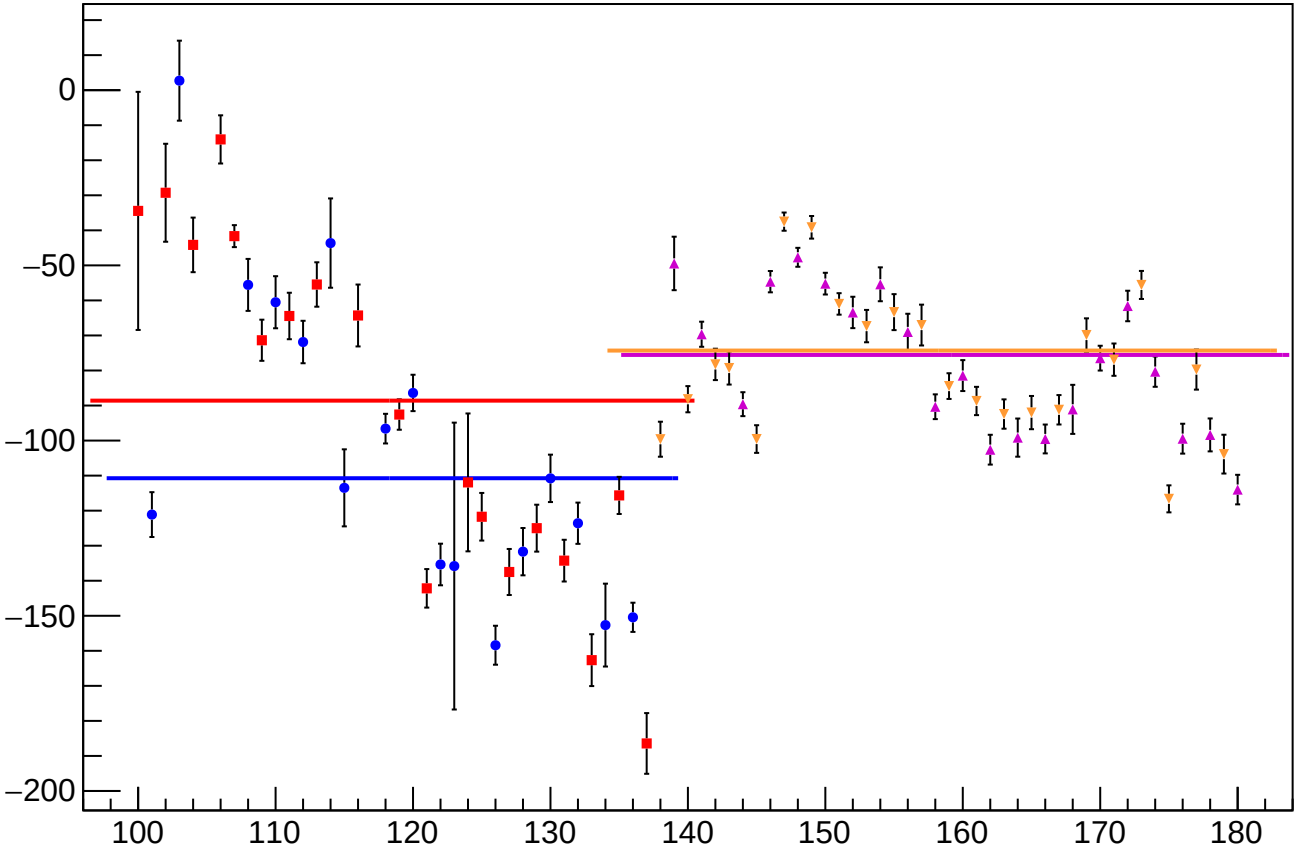
Left In: -227.301+/-1.016 χ^2/NDF:1129.9/20

+ sign -246.332+/-0.963 χ^2/NDF: 3418.5/38

All: -240.521+/-0.669 χ^2/NDF: 8348.0/78

- sign -235.091+/-0.931 χ^2/NDF: 4859.1/39

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -74.311+/-0.873 χ^2/NDF:671.1/21

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

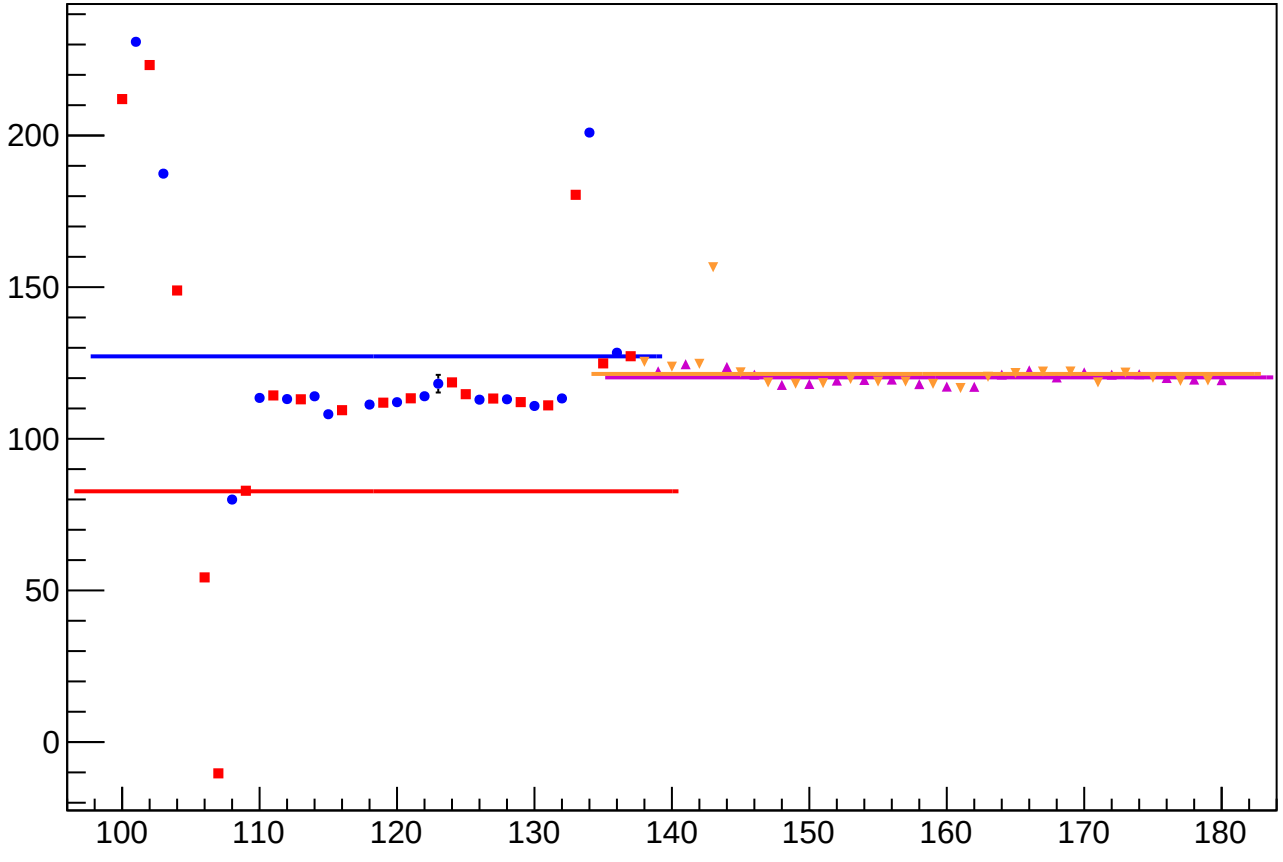
Left In: -75.558+/-0.876 χ^2/NDF:521.4/20

+ sign -82.845+/-0.764 χ^2/NDF: 1593.0/38

All: -80.935+/-0.534 χ^2/NDF: 3156.6/78

- sign -79.102+/-0.748 χ^2/NDF: 1551.3/39

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 121.387+/-0.042 χ^2/NDF:24164.7/21

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

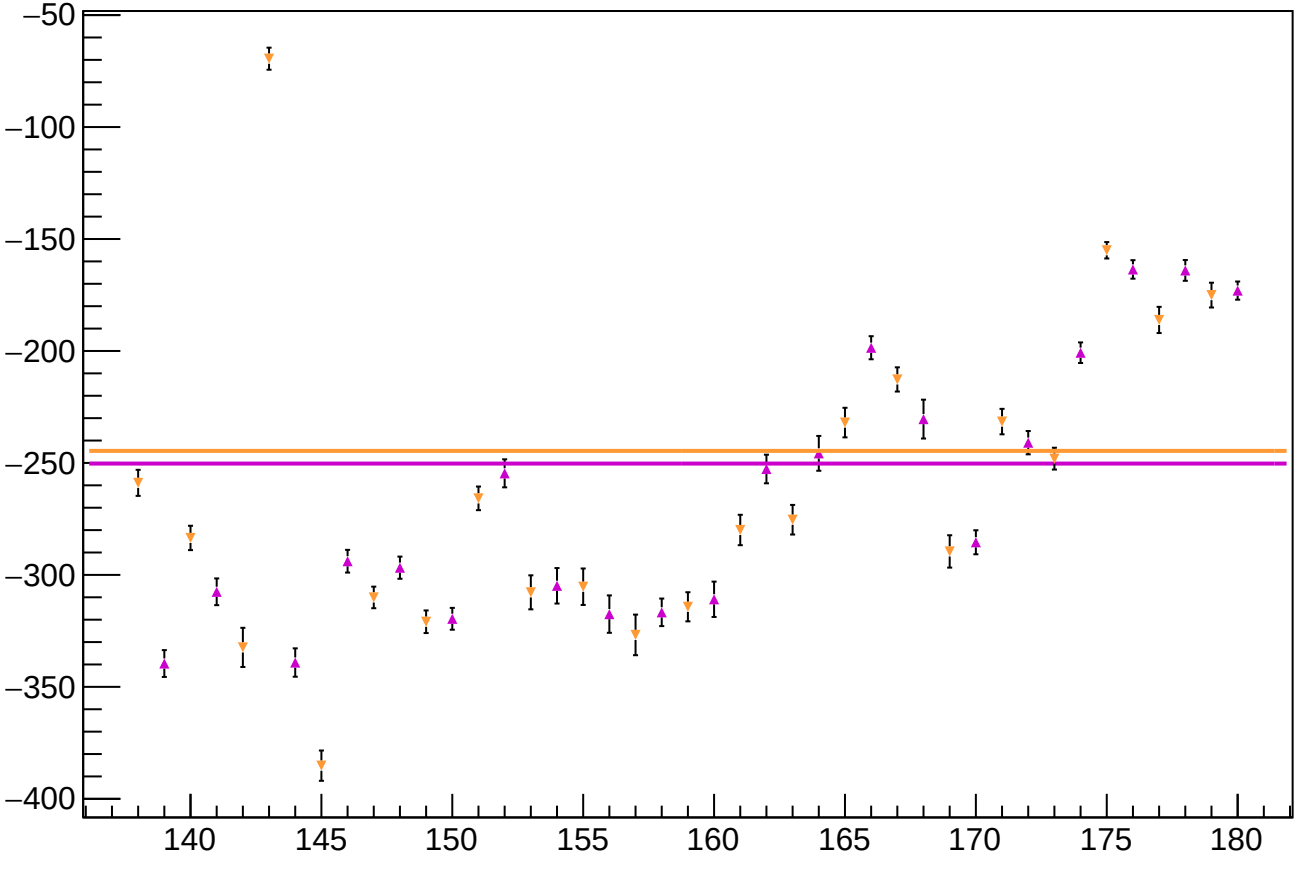
Left In: 120.247+/-0.041 χ^2/NDF:2593.6/20

+ sign 122.437+/-0.038 χ^2/NDF: 215681.5/38

All: 116.766+/-0.026 χ^2/NDF: 1218416.6/78

- sign 111.638+/-0.036 χ^2/NDF: 960125.1/39

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -244.616+/-1.234 χ^2/NDF:3593.0/21

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

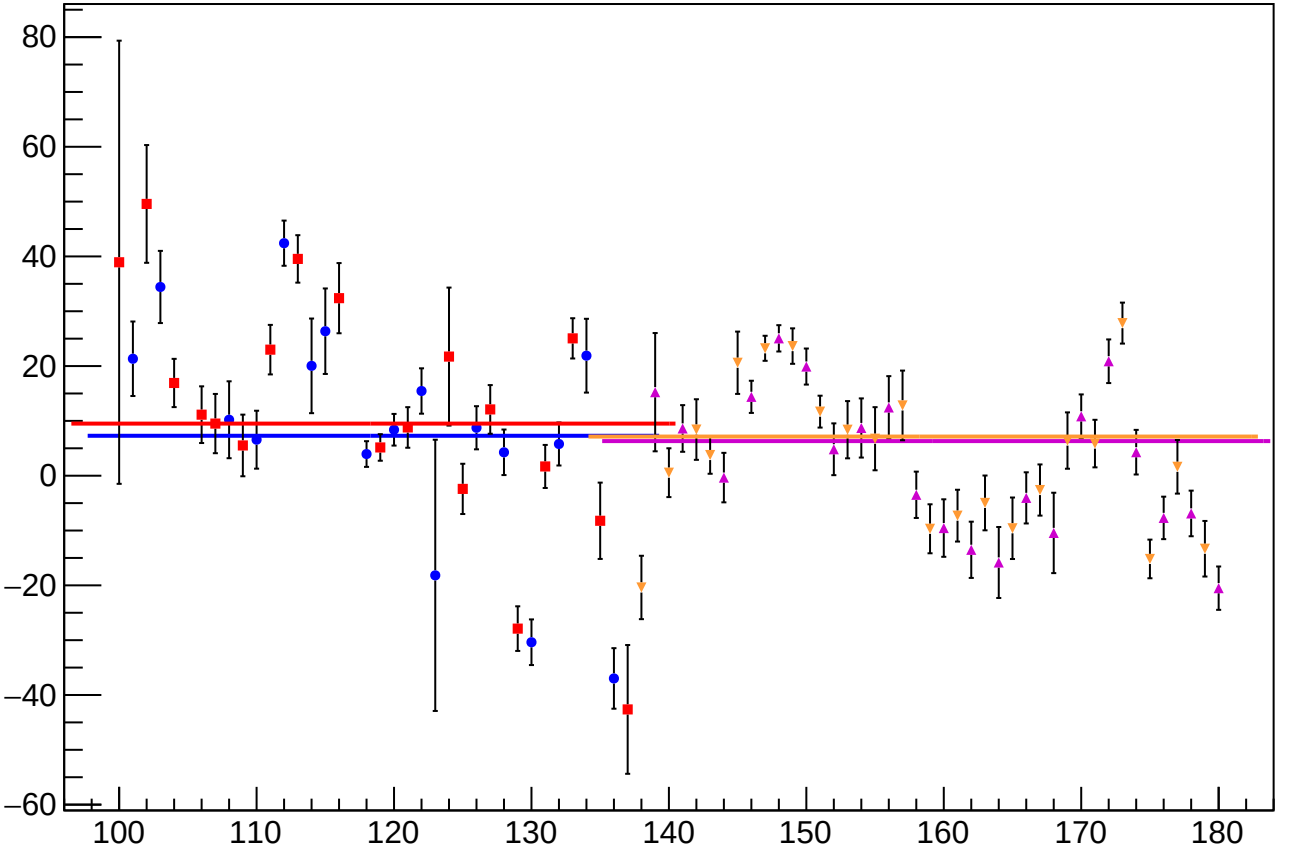
Left In: -250.285+/-1.215 χ^2/NDF:2580.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -247.496+/-0.866 χ^2/NDF: 6184.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.284+/-1.084 χ^2/NDF: 261.0/16

Left Out: 7.141+/-0.890 χ^2/NDF:241.6/21

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

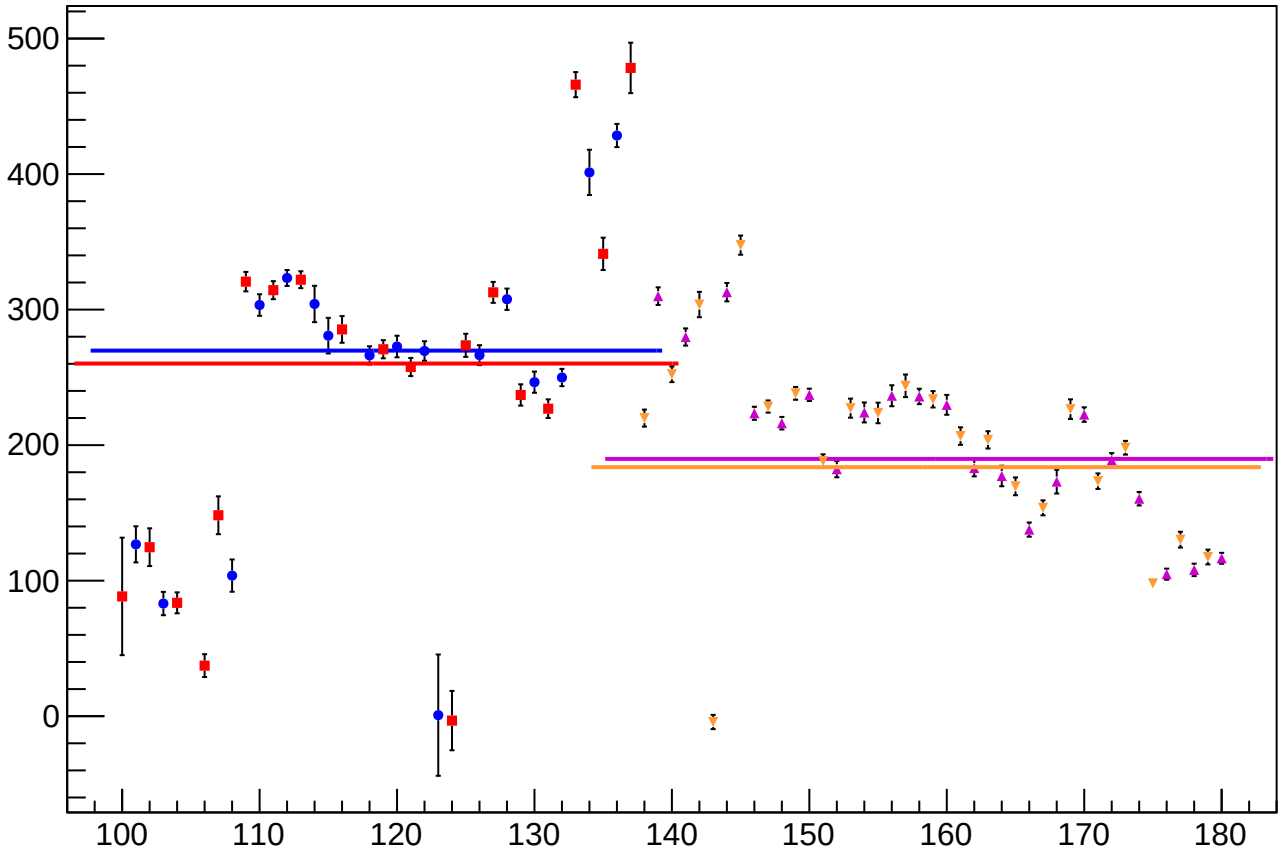
Left In: 6.313+/-0.914 χ^2/NDF:225.6/20

+ sign 7.199+/-0.688 χ^2/NDF: 502.6/38

All: 7.423+/-0.489 χ^2/NDF: 965.1/78

- sign 7.653+/-0.696 χ^2/NDF: 462.3/39

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 183.744+/-1.225 χ^2/NDF:3456.9/21

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

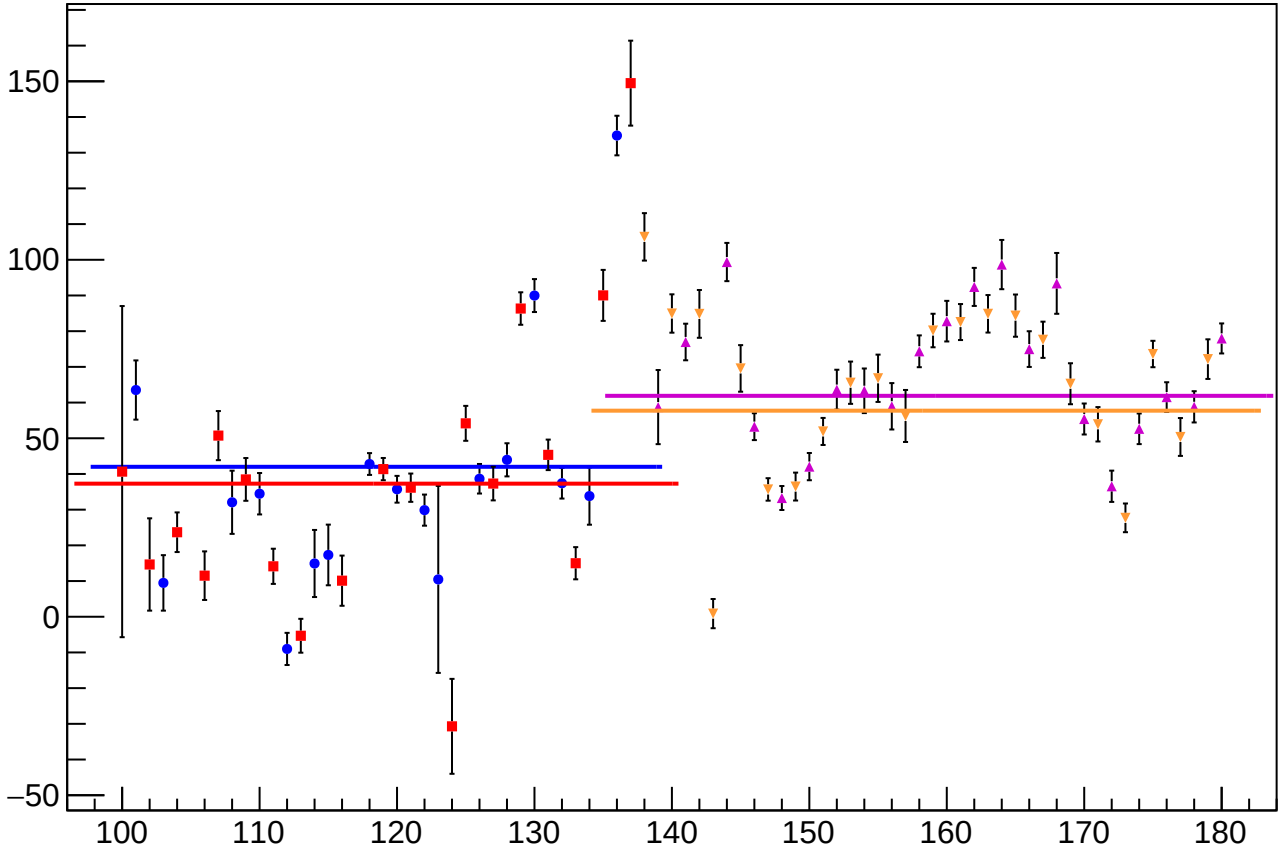
Left In: 189.845+/-1.202 χ^2/NDF:2472.8/20

+ sign 206.030+/-1.054 χ^2/NDF: 6108.2/38

All: 207.468+/-0.736 χ^2/NDF: 12050.3/78

- sign 208.834+/-1.027 χ^2/NDF: 5938.4/39

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 57.729+/-1.035 χ^2/NDF:571.5/21

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

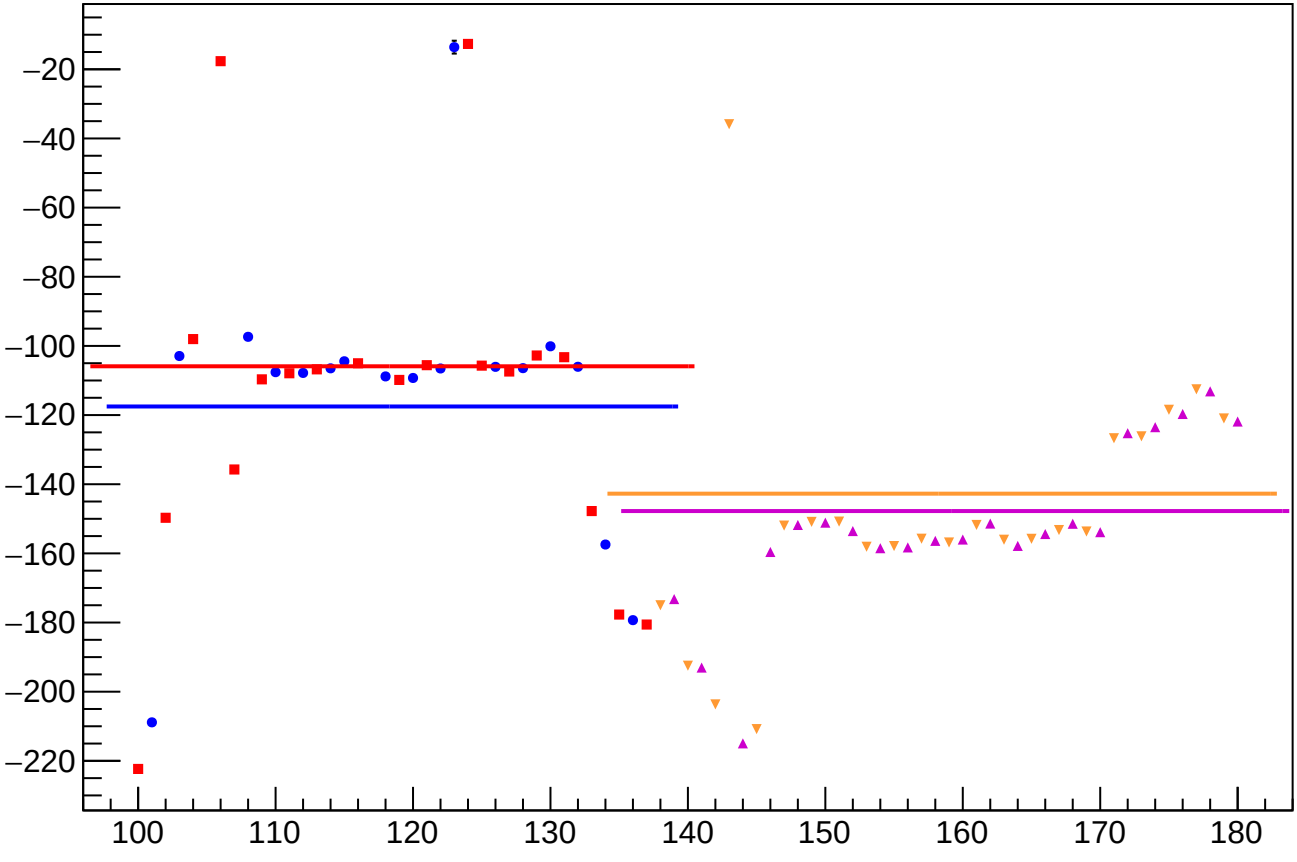
Left In: 61.890+/-1.049 χ^2/NDF:321.5/20

+ sign 51.367+/-0.799 χ^2/NDF: 1240.4/38

All: 51.483+/-0.565 χ^2/NDF: 2264.8/78

- sign 51.599+/-0.800 χ^2/NDF: 1024.3/39

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -142.730+/-0.050 χ^2/NDF:485192.1/21

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

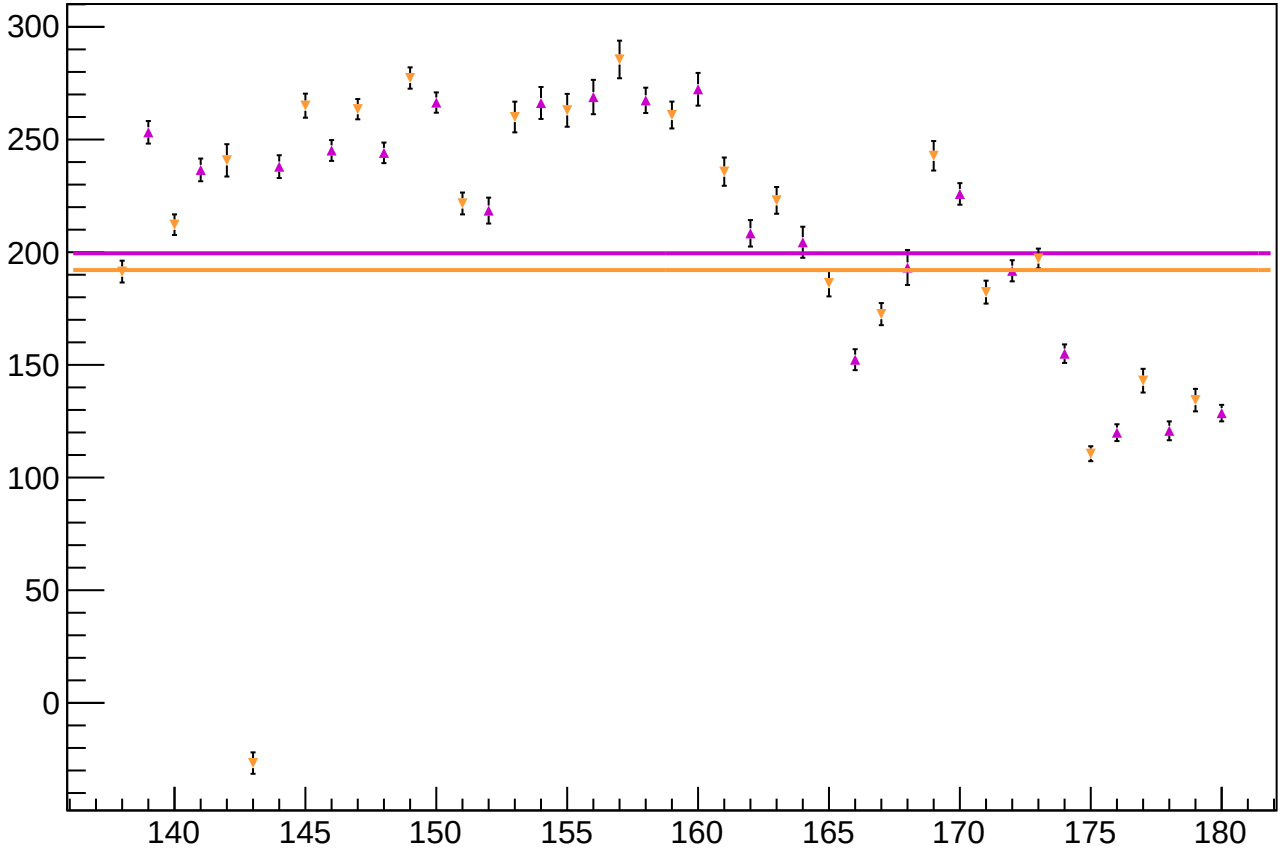
Left In: -147.759+/-0.049 χ^2/NDF:205330.6/20

+ sign -135.459+/-0.042 χ^2/NDF: 701569.7/38

All: -135.072+/-0.029 χ^2/NDF: 1459005.5/78

- sign -134.708+/-0.041 χ^2/NDF: 757270.0/39

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 192.066+/-1.108 χ^2/NDF:4420.5/21

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

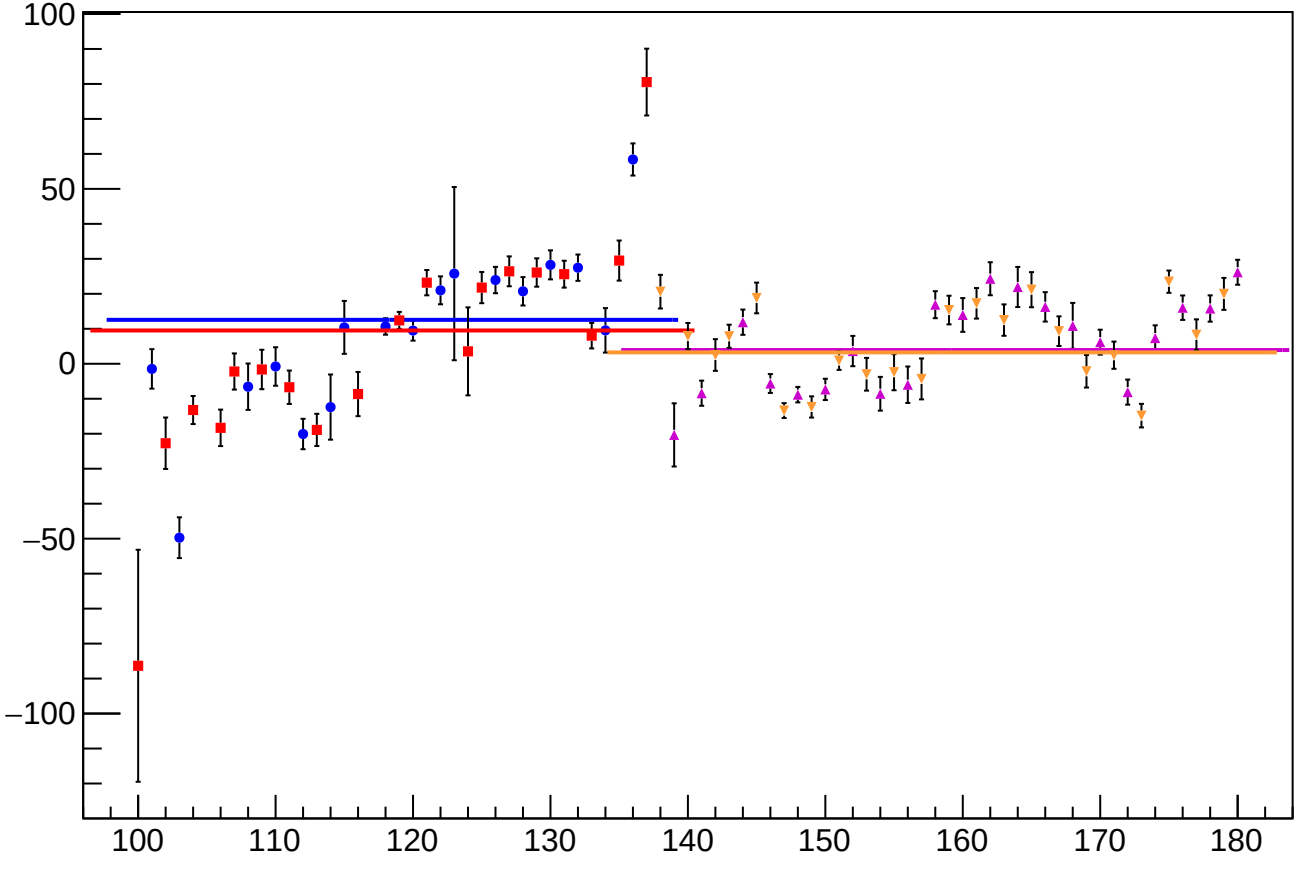
Left In: 199.531+/-1.088 χ^2/NDF:2510.1/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 195.869+/-0.776 χ^2/NDF: 6953.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561+/-1.056 χ^2/NDF: 347.7/16

Left Out: 3.252+/-0.805 χ^2/NDF:245.2/21

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

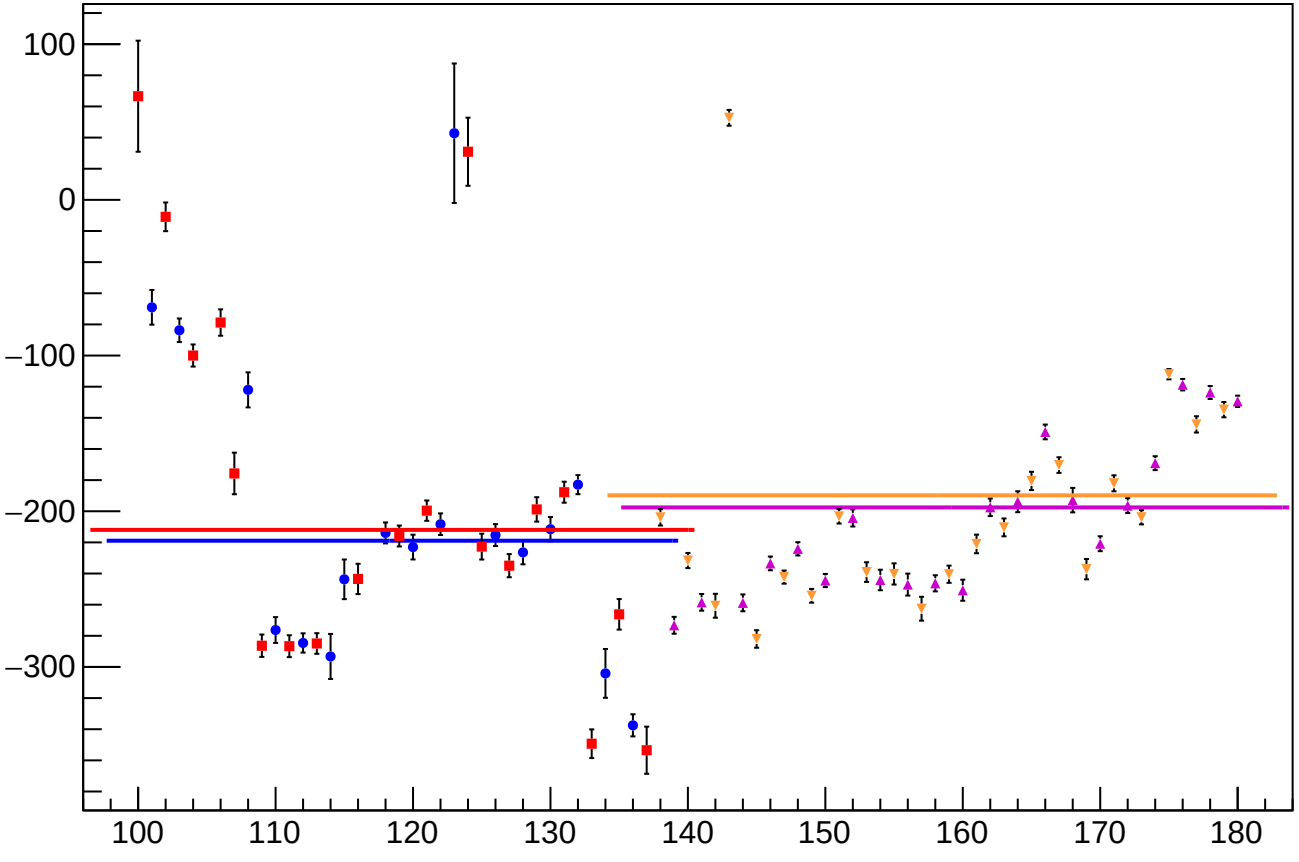
Left In: 3.923+/-0.823 χ^2/NDF:220.9/20

+ sign 6.675+/-0.640 χ^2/NDF: 642.1/38

All: 6.366+/-0.455 χ^2/NDF: 1177.4/78

- sign 6.050+/-0.648 χ^2/NDF: 534.8/39

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -189.770+/-1.103 χ^2/NDF:4261.6/21

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

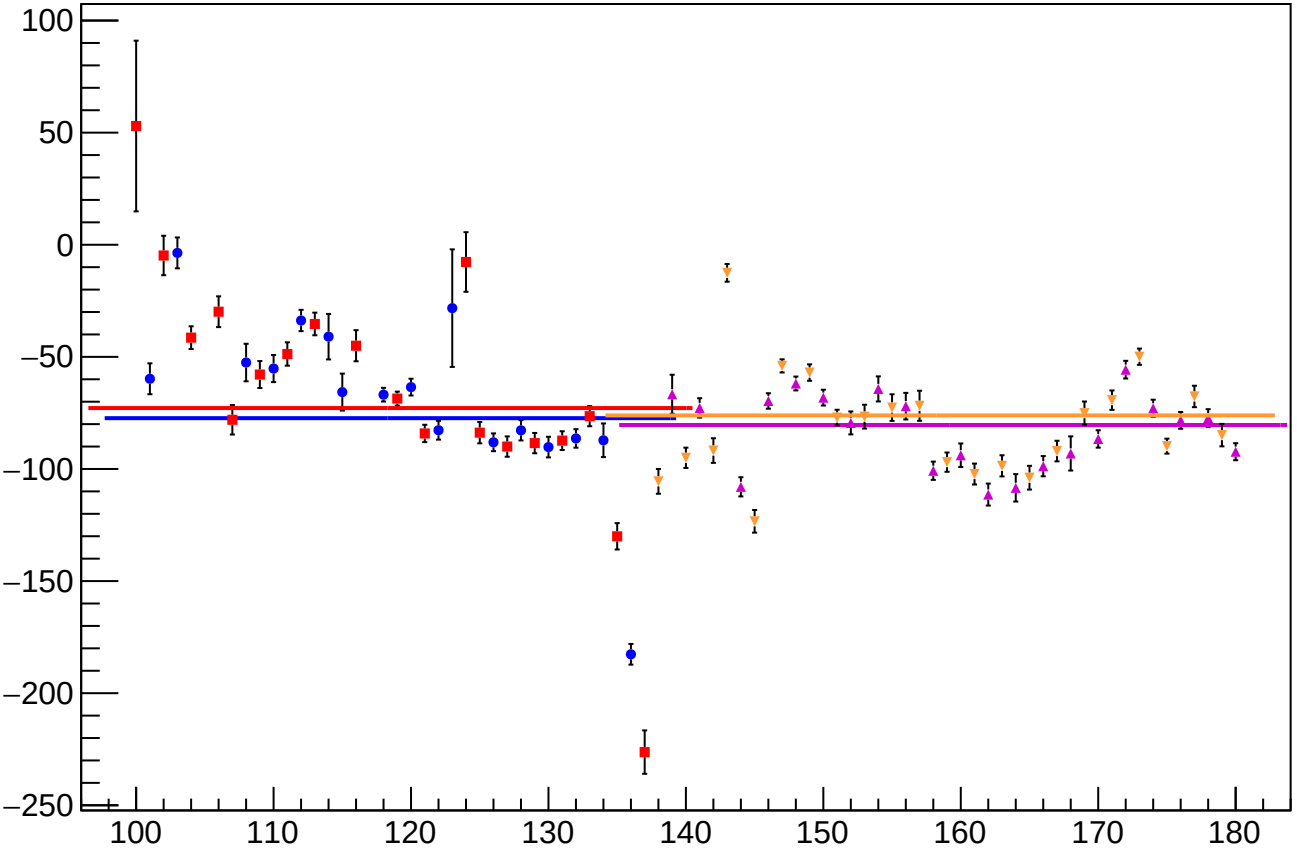
Left In: -197.540+/-1.079 χ^2/NDF:2223.8/20

+ sign -196.536+/-0.966 χ^2/NDF: 5570.4/38

All: -198.823+/-0.674 χ^2/NDF: 9734.1/78

- sign -200.993+/-0.941 χ^2/NDF: 4152.7/39

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -76.122+/-0.935 χ^2/NDF:679.8/21

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

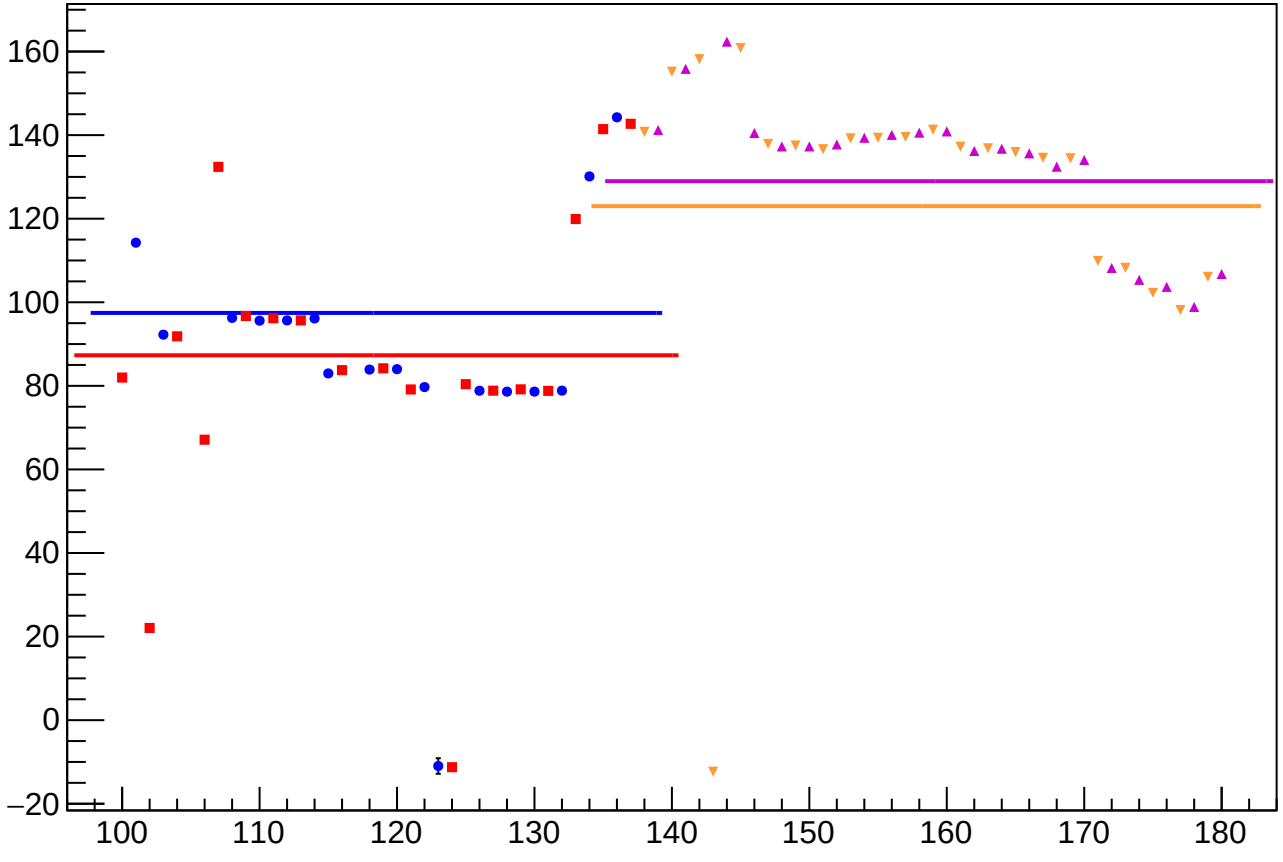
Left In: -80.389+/-0.944 χ^2/NDF:283.4/20

+ sign -76.573+/-0.742 χ^2/NDF: 1497.7/38

All: -77.050+/-0.525 χ^2/NDF: 2479.0/78

- sign -77.529+/-0.744 χ^2/NDF: 980.5/39

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 123.005+/-0.045 χ^2/NDF:620976.8/21

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

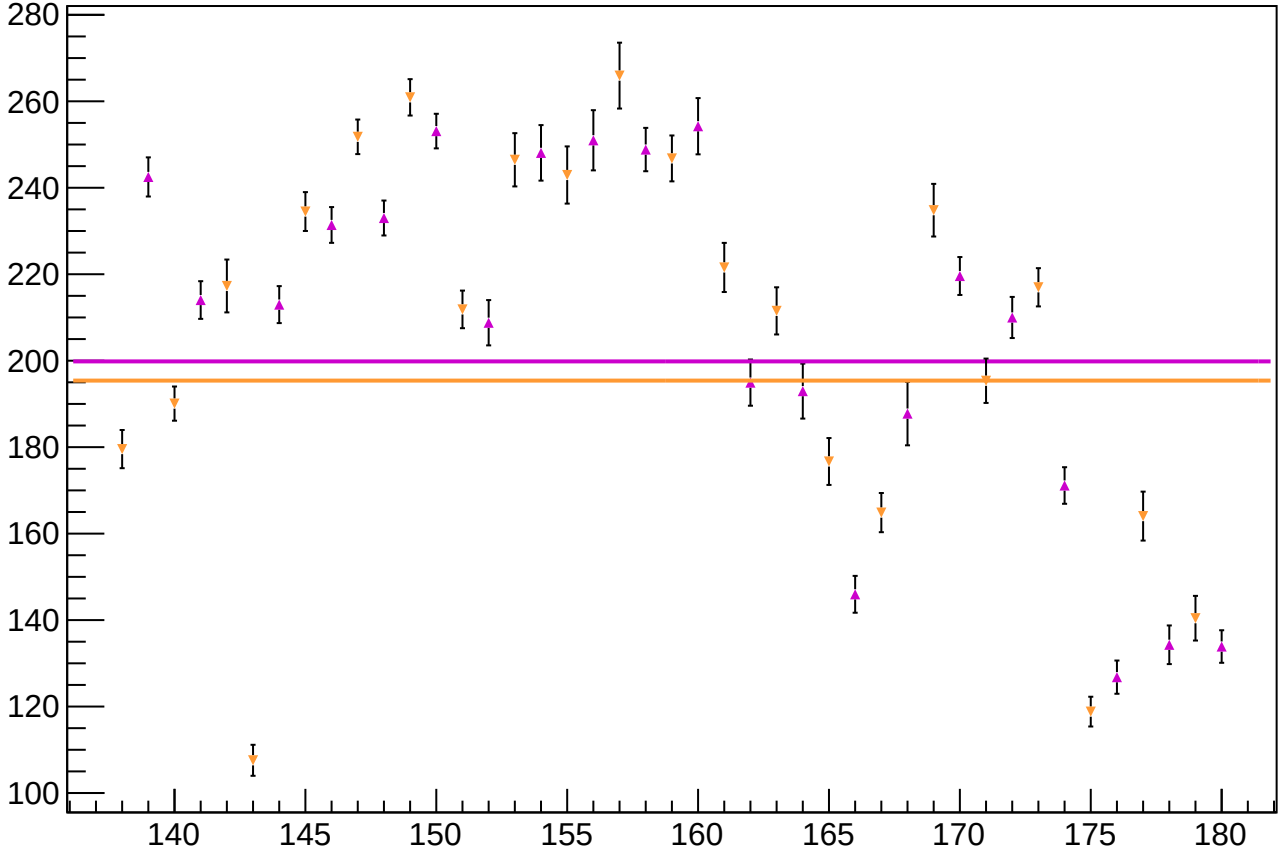
Left In: 128.978+/-0.044 χ^2/NDF:160447.8/20

+ sign 116.084+/-0.038 χ^2/NDF: 804154.3/38

All: 116.437+/-0.027 χ^2/NDF: 1450120.6/78

- sign 116.769+/-0.037 χ^2/NDF: 645799.9/39

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



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

Left Out: 195.397+/-1.021 χ^2/NDF:2250.4/21

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

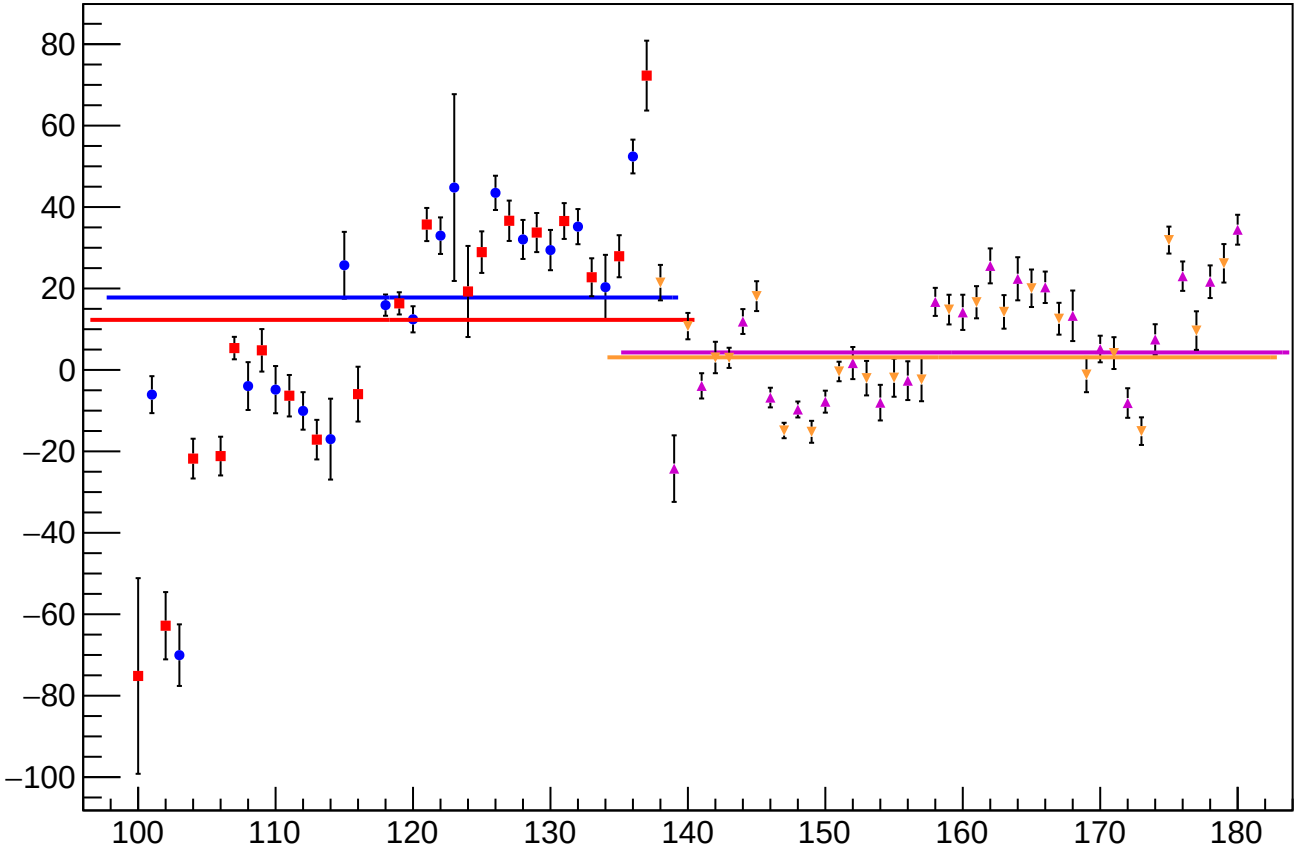
Left In: 199.837+/-1.022 χ^2/NDF:1808.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 197.614+/-0.722 χ^2/NDF: 4068.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.786+/-1.146 χ^2/NDF: 395.1/16

Left Out: 3.092+/-0.730 χ^2/NDF:361.8/21

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

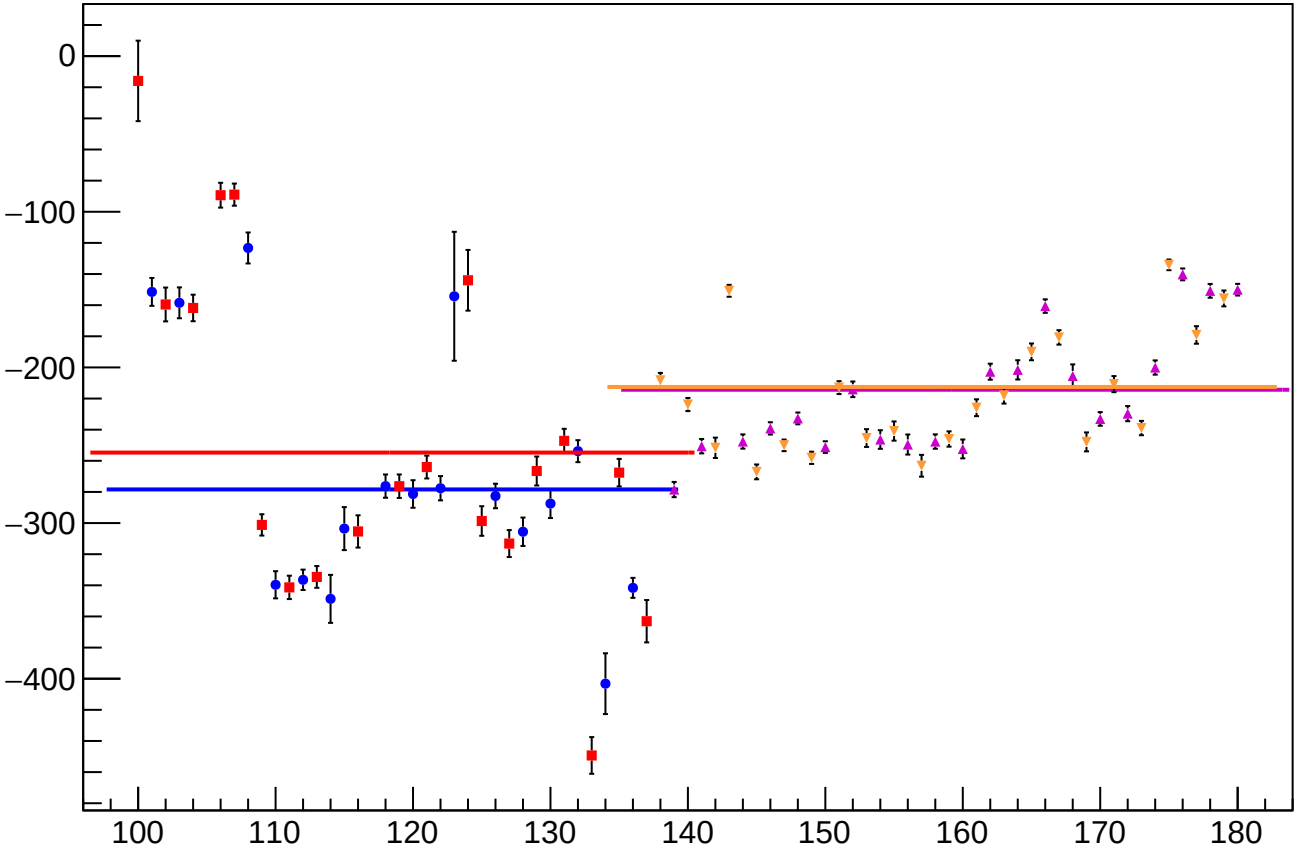
Left In: 4.294+/-0.760 χ^2/NDF:327.5/20

+ sign 7.331+/-0.616 χ^2/NDF: 873.8/38

All: 7.129+/-0.438 χ^2/NDF: 1681.7/78

- sign 6.924+/-0.623 χ^2/NDF: 807.7/39

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.393+/-2.168 χ^2/NDF: 910.5/16

Left Out: -212.557+/-1.017 χ^2/NDF:1642.5/21

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

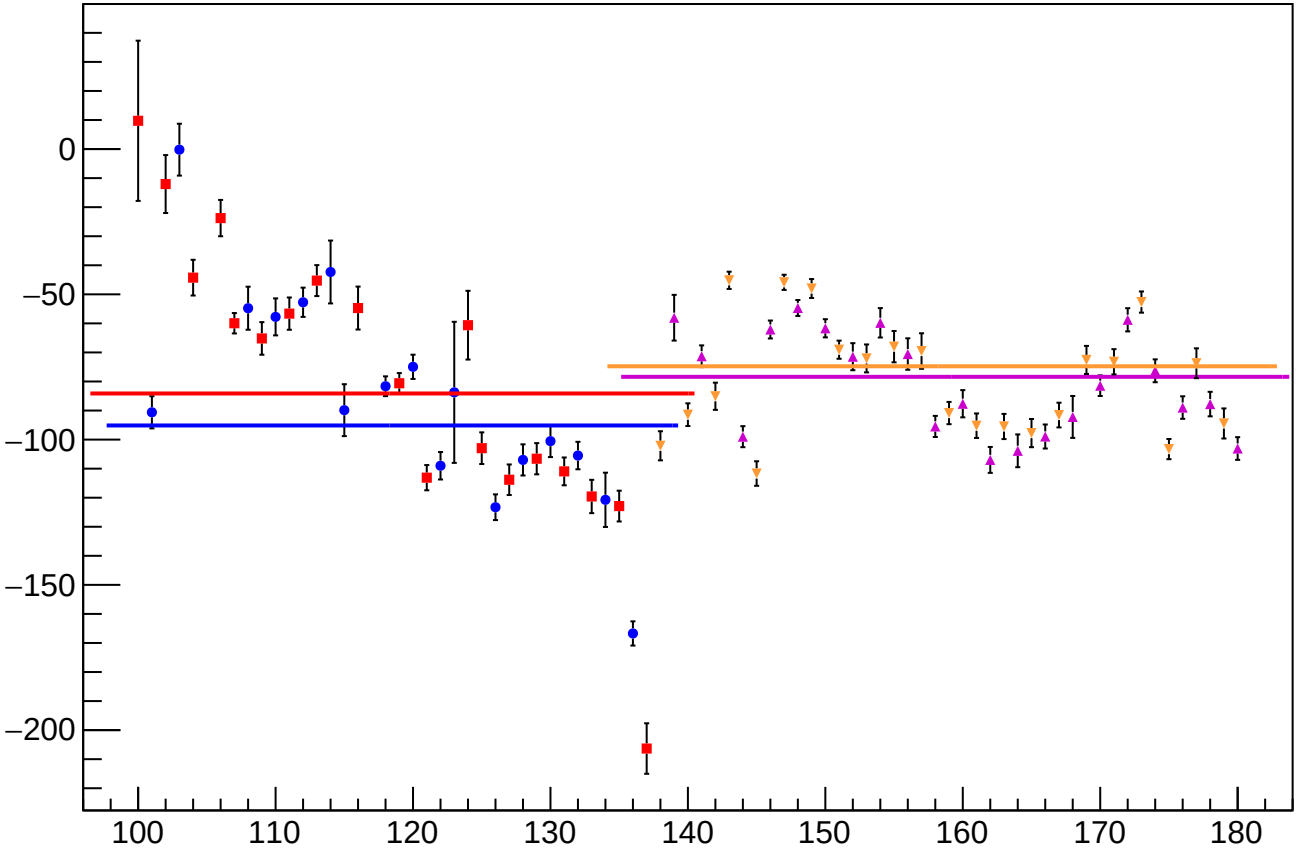
Left In: -214.348+/-1.013 χ^2/NDF:1676.1/20

+ sign -224.438+/-0.921 χ^2/NDF: 3309.1/38

All: -223.430+/-0.646 χ^2/NDF: 7345.0/78

- sign -222.455+/-0.905 χ^2/NDF: 4033.6/39

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135+/-1.322 χ^2/NDF: 674.9/16

Left Out: -74.766+/-0.853 χ^2/NDF:645.5/21

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

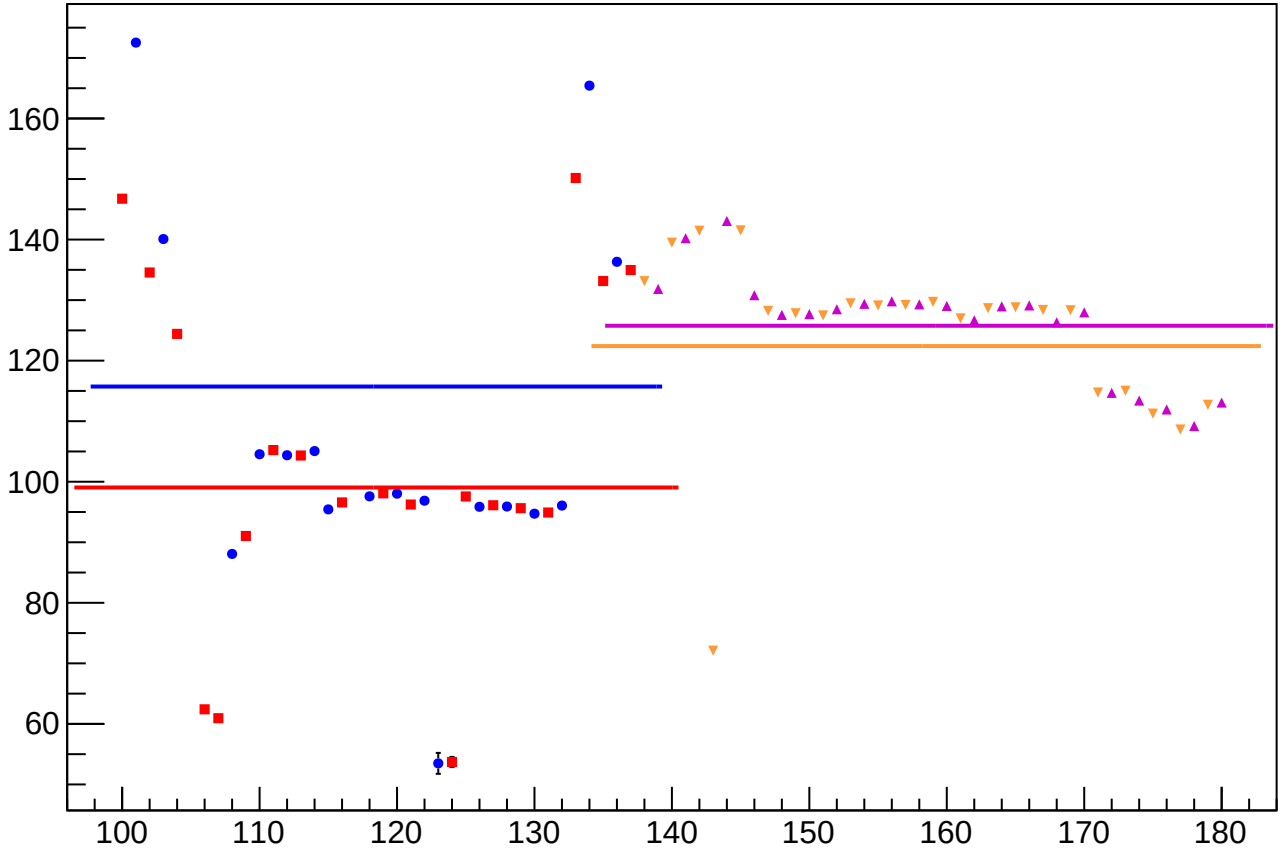
Left In: -78.394+/-0.877 χ^2/NDF:384.9/20

+ sign -80.755+/-0.717 χ^2/NDF: 1487.9/38

All: -80.512+/-0.508 χ^2/NDF: 2669.8/78

- sign -80.268+/-0.720 χ^2/NDF: 1181.7/39

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.724+/-0.078 χ^2/NDF: 106388.1/16

Left Out: 122.408+/-0.041 χ^2/NDF:160296.1/21

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

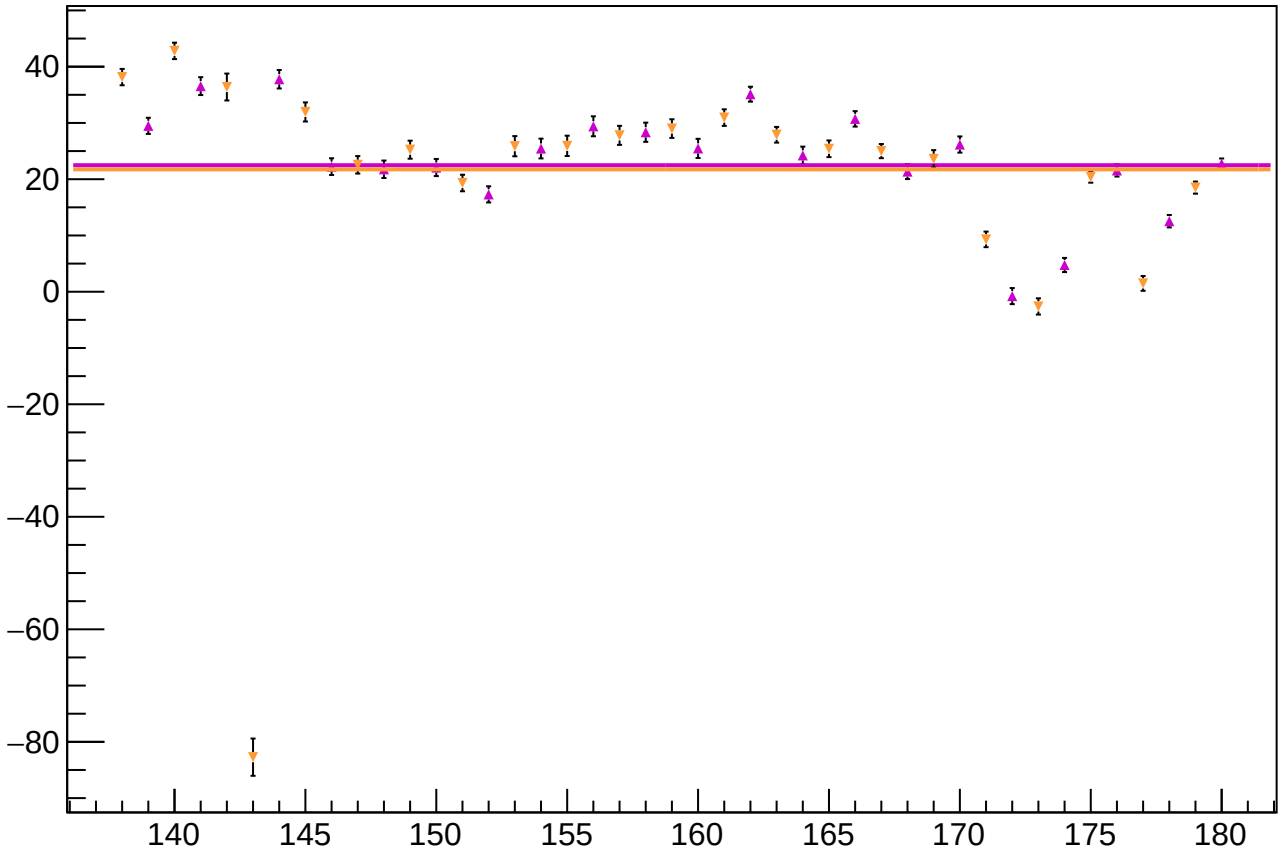
Left In: 125.766+/-0.041 χ^2/NDF:44867.5/20

+ sign 120.953+/-0.036 χ^2/NDF: 272432.0/38

All: 119.788+/-0.025 χ^2/NDF: 604600.3/78

- sign 118.696+/-0.035 χ^2/NDF: 330183.5/39

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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

Left Out: 21.754+/-0.316 χ^2/NDF:2141.4/21

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

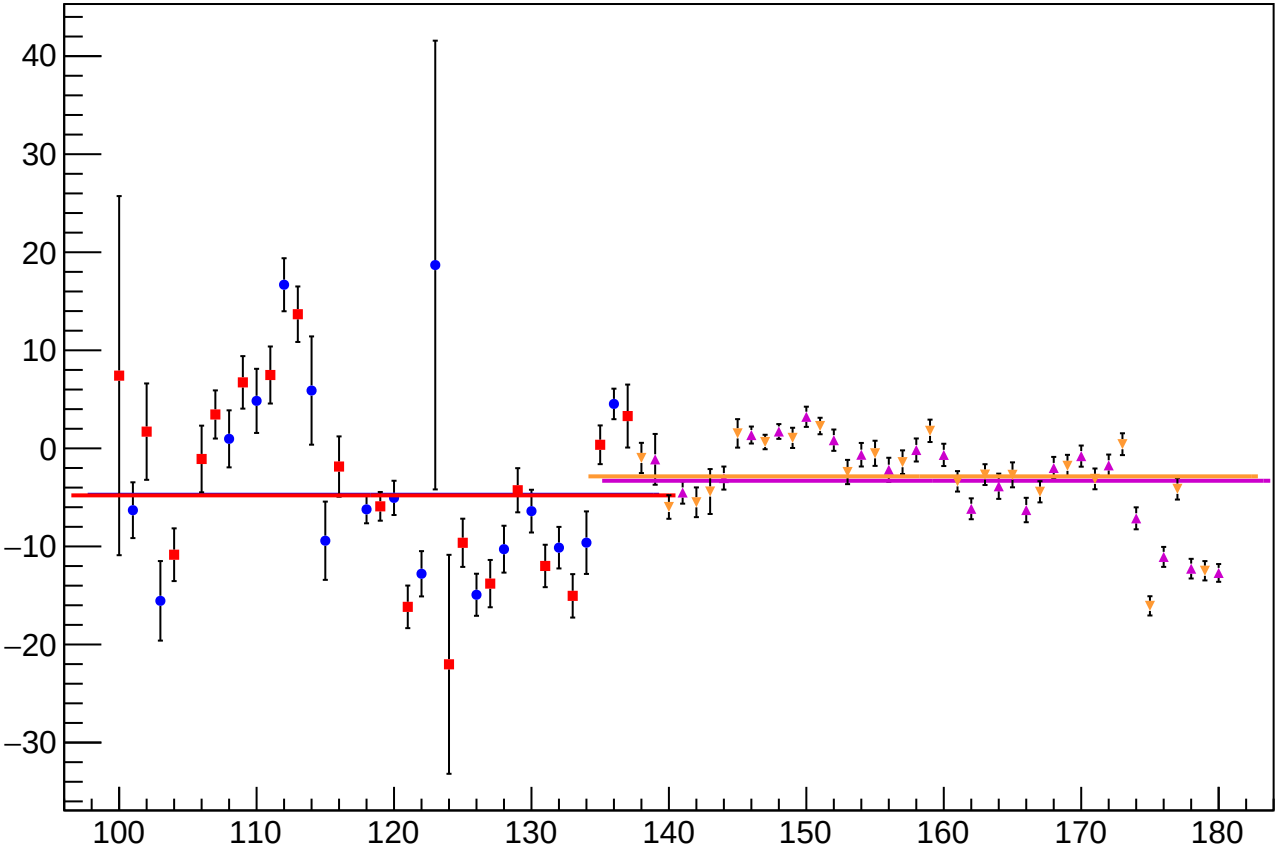
Left In: 22.489+/-0.303 χ^2/NDF:915.5/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 22.137+/-0.219 χ^2/NDF: 3059.7/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730+/-0.580 χ^2/NDF: 174.8/16

Left Out: -2.854+/-0.237 χ^2/NDF:406.6/21

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

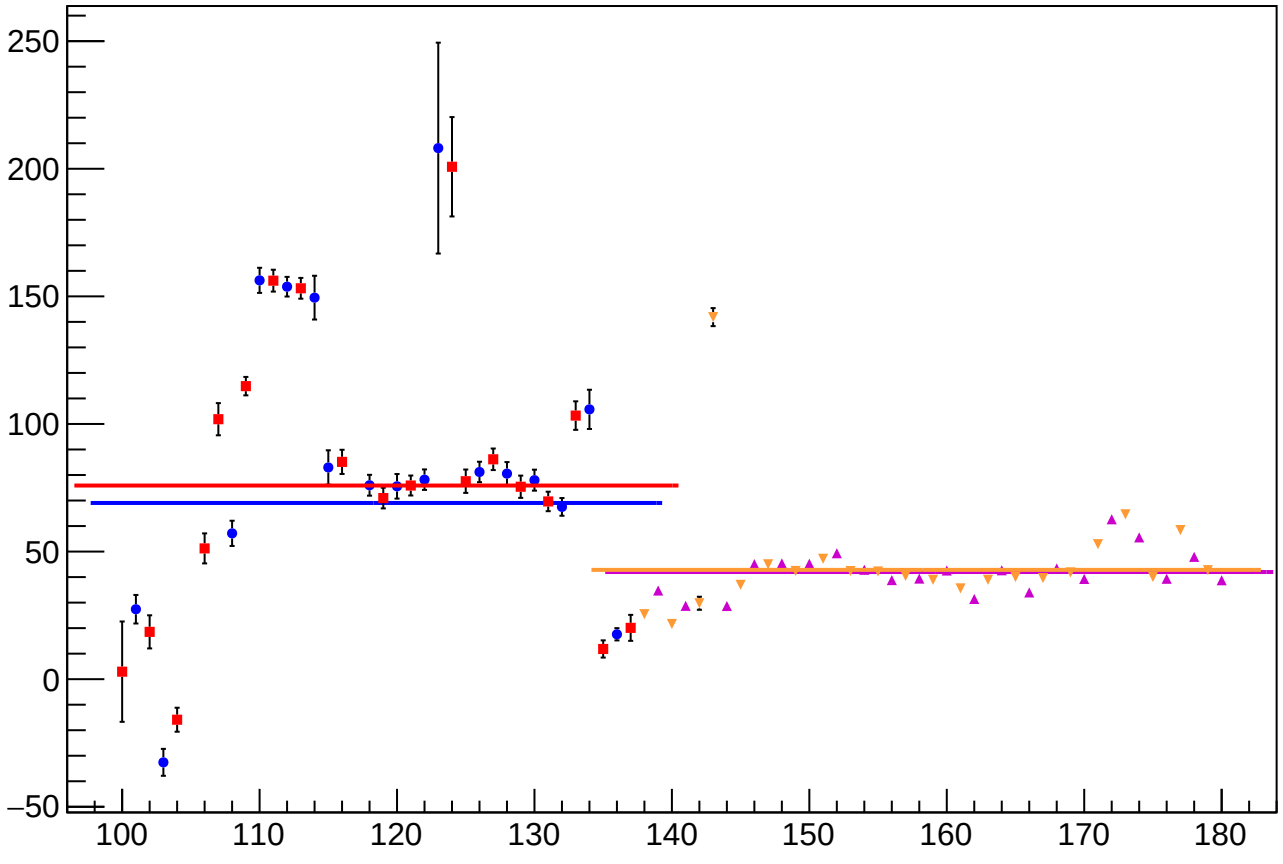
Left In: -3.303+/-0.236 χ^2/NDF:427.4/20

+ sign -3.123+/-0.219 χ^2/NDF: 590.4/38

All: -3.317+/-0.155 χ^2/NDF: 1218.4/78

- sign -3.511+/-0.219 χ^2/NDF: 626.5/39

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048+/-1.077 χ^2/NDF: 1847.9/16

Left Out: 42.828+/-0.312 χ^2/NDF:1606.8/21

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

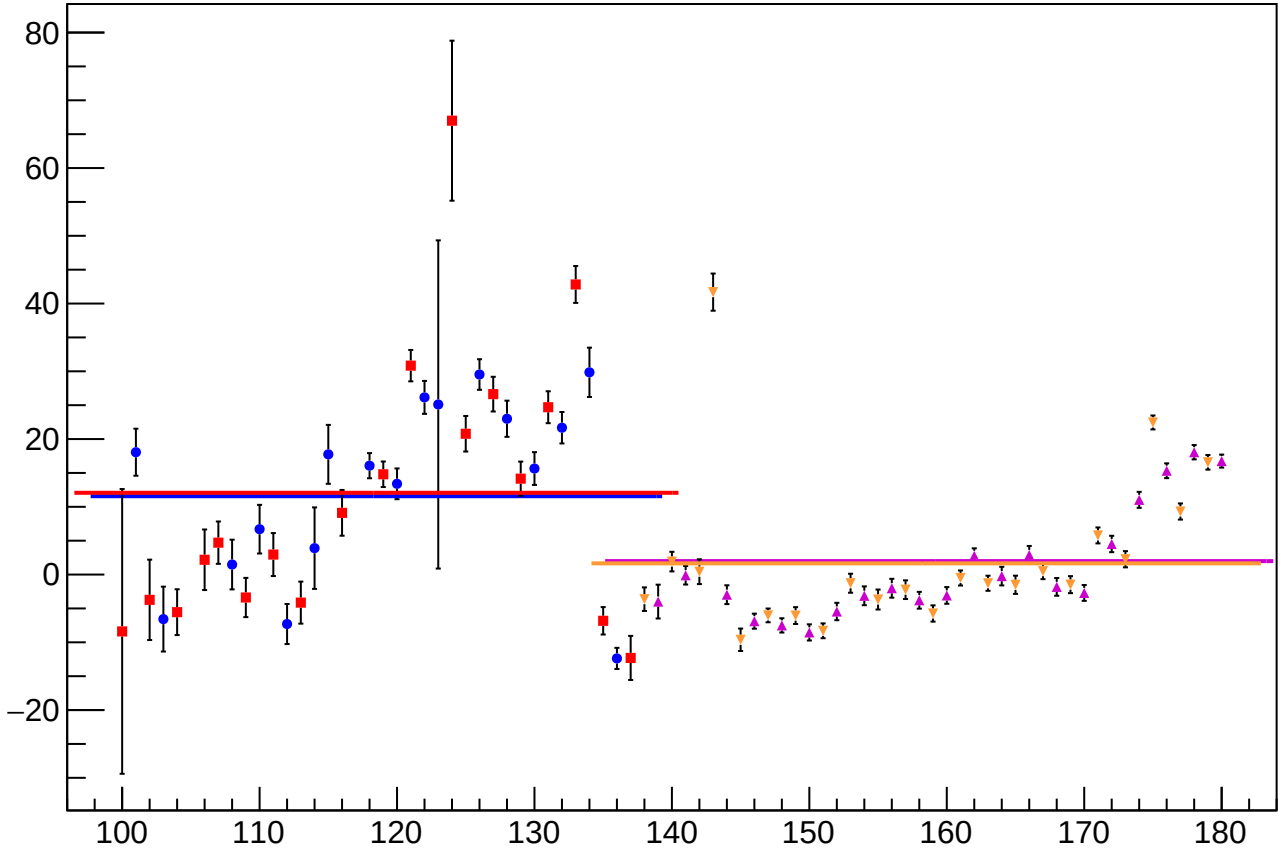
Left In: 41.987+/-0.300 χ^2/NDF:644.3/20

+ sign 44.858+/-0.300 χ^2/NDF: 4001.9/38

All: 44.652+/-0.208 χ^2/NDF: 7473.0/78

- sign 44.460+/-0.289 χ^2/NDF: 3470.2/39

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565+/-0.658 χ^2/NDF: 478.2/16

Left Out: 1.654+/-0.270 χ^2/NDF:1189.5/21

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

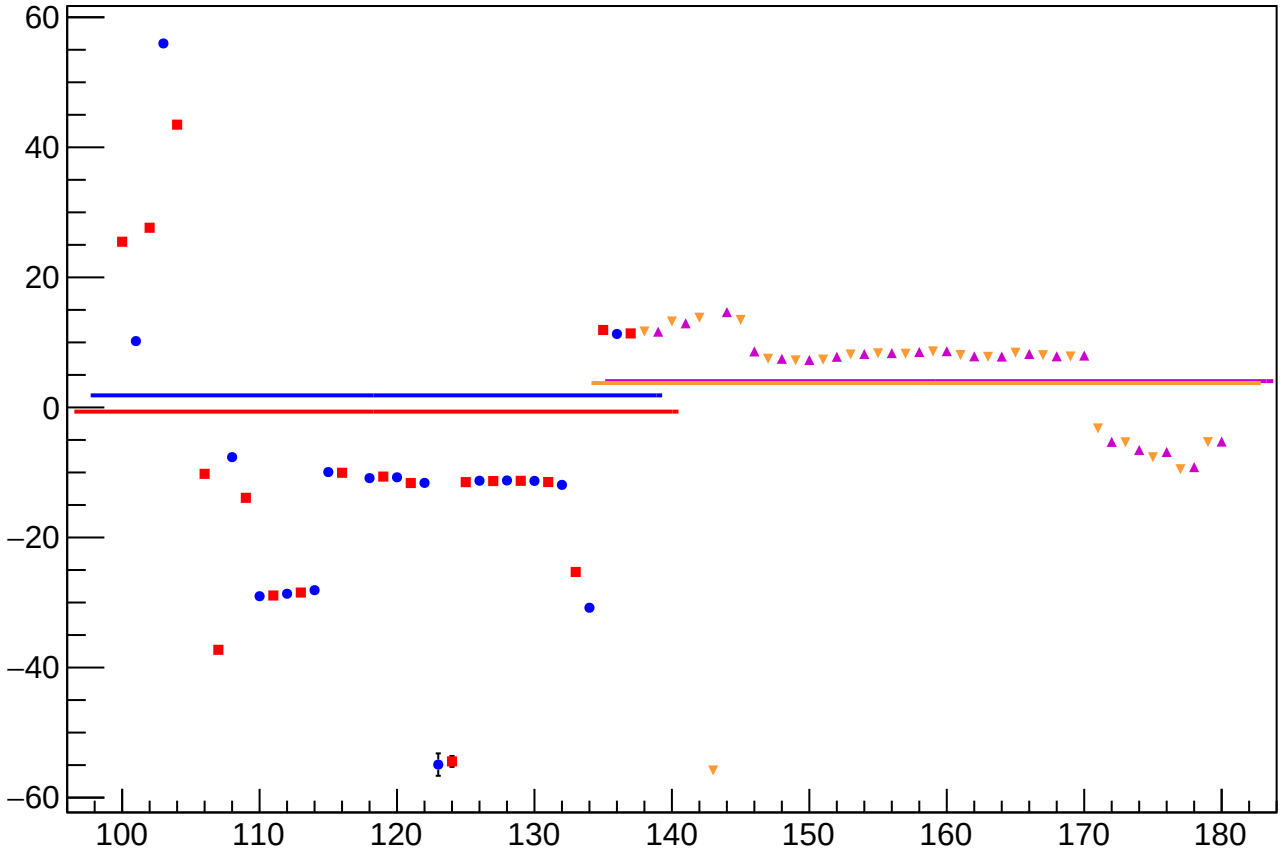
Left In: 1.986+/-0.267 χ^2/NDF:1044.7/20

+ sign 3.083+/-0.250 χ^2/NDF: 1861.8/38

All: 3.237+/-0.176 χ^2/NDF: 3648.8/78

- sign 3.388+/-0.248 χ^2/NDF: 1786.3/39

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.855+/-0.037 χ^2/NDF: 359414.1/16

Left Out: 3.748+/-0.012 χ^2/NDF:513801.6/21

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

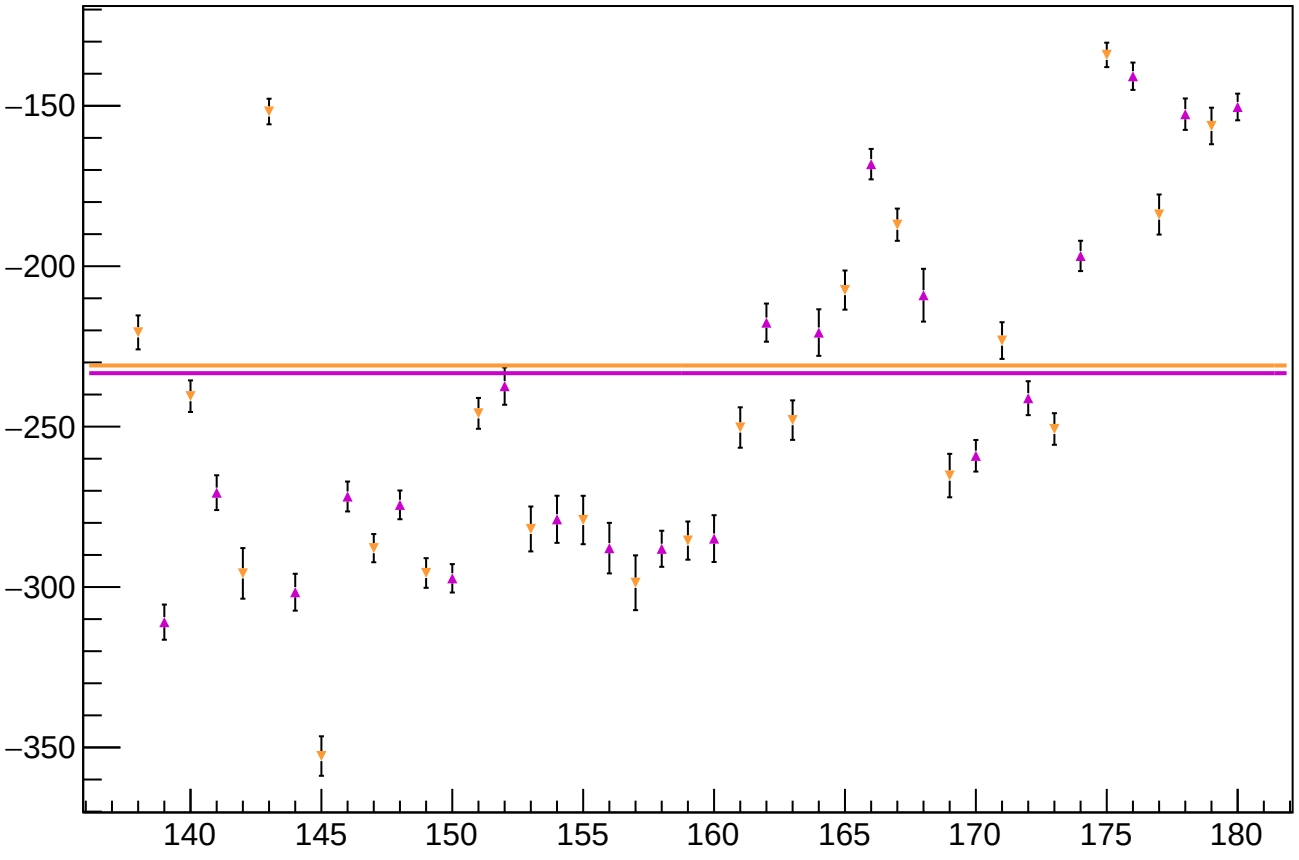
Left In: 4.047+/-0.012 χ^2/NDF:360404.2/20

+ sign 3.556+/-0.012 χ^2/NDF: 875566.6/38

All: 3.575+/-0.008 χ^2/NDF: 1612083.4/78

- sign 3.594+/-0.012 χ^2/NDF: 736511.3/39

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



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

Left Out: -230.935+/-1.162 χ^2/NDF:2500.2/21

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

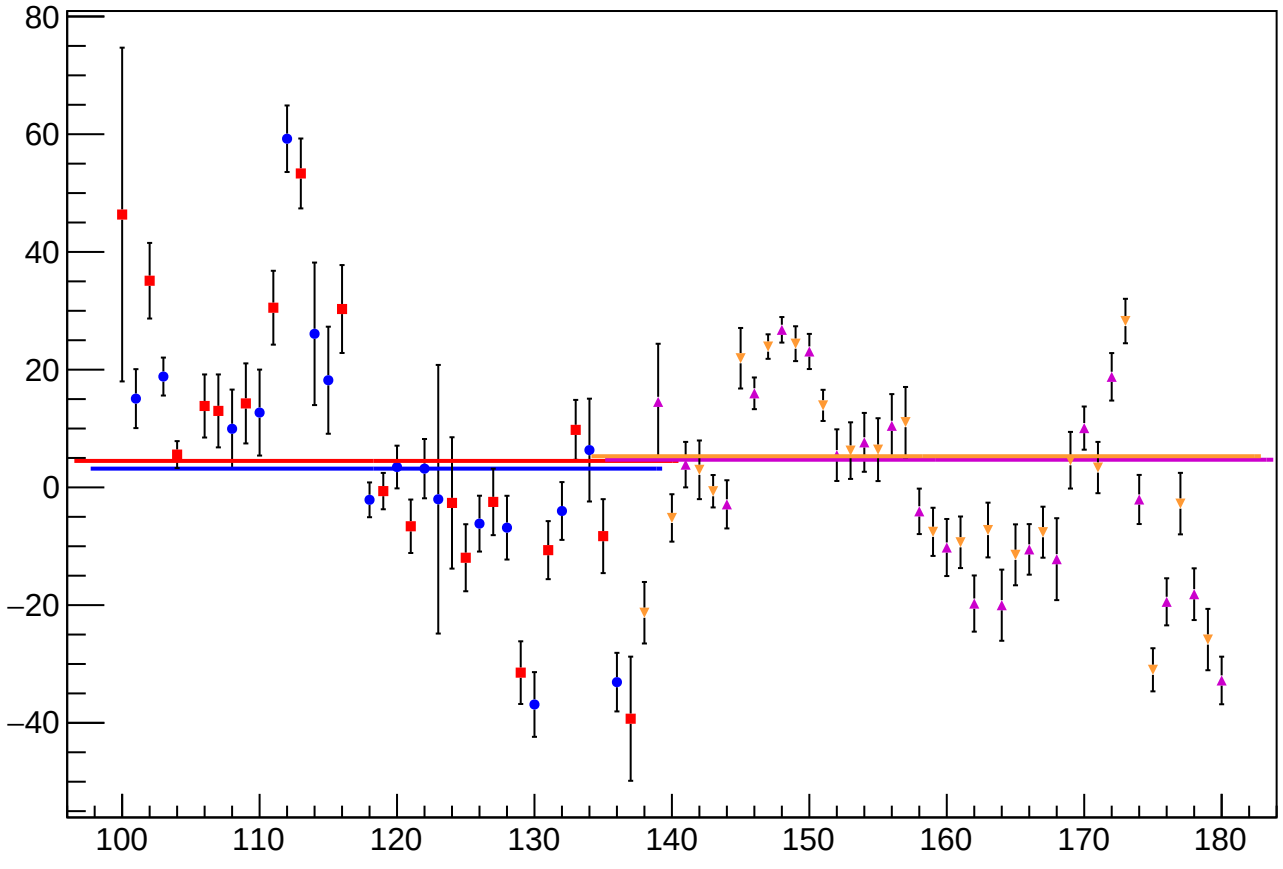
Left In: -233.340+/-1.161 χ^2/NDF:2421.8/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -232.138+/-0.821 χ^2/NDF: 4924.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.188+/-1.225 χ^2/NDF: 255.6/16

Left Out: 5.295+/-0.826 χ^2/NDF:402.5/21

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

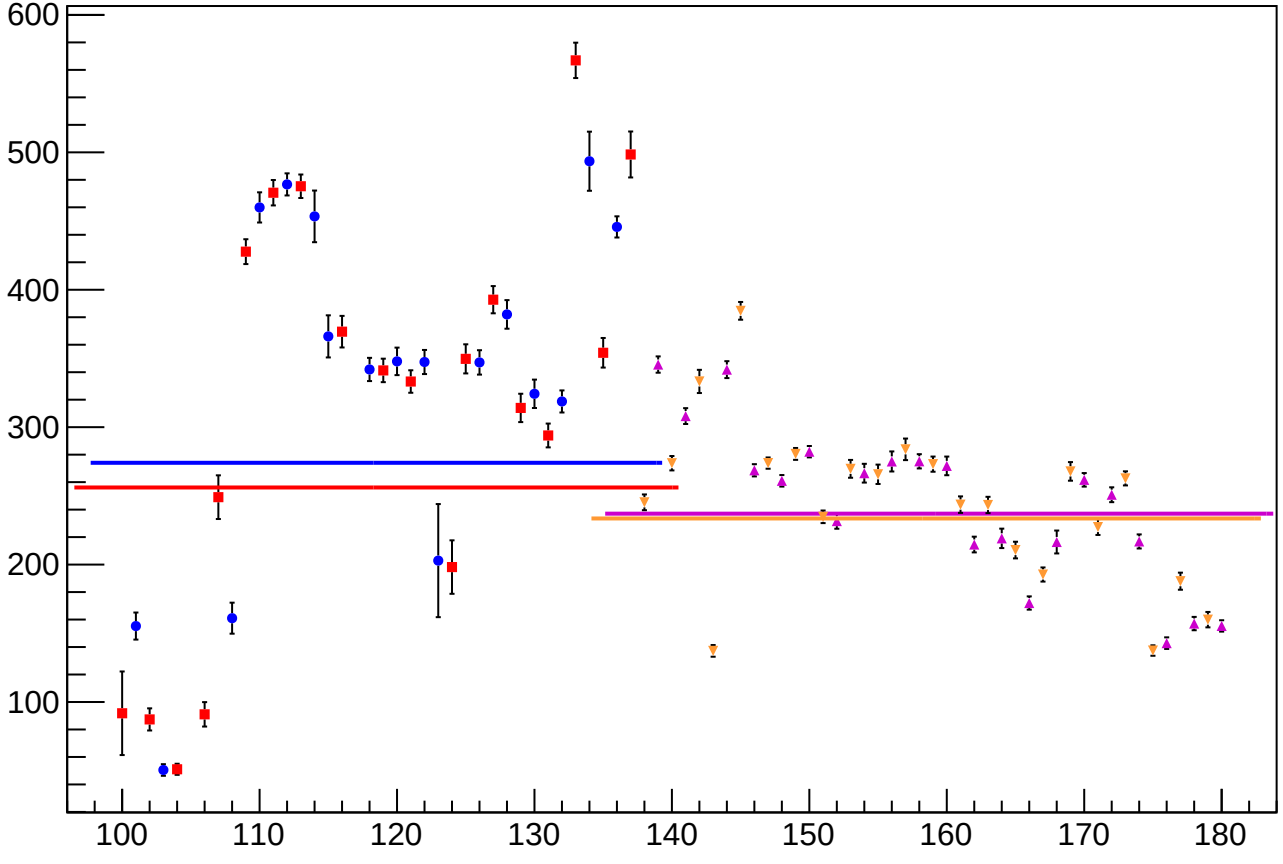
Left In: 4.699+/-0.861 χ^2/NDF:407.4/20

+ sign 4.636+/-0.685 χ^2/NDF: 660.2/38

All: 4.632+/-0.486 χ^2/NDF: 1293.1/78

- sign 4.628+/-0.691 χ^2/NDF: 632.9/39

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079+/-2.191 χ^2/NDF: 5112.0/16

Left Out: 233.561+/-1.154 χ^2/NDF:2628.2/21

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

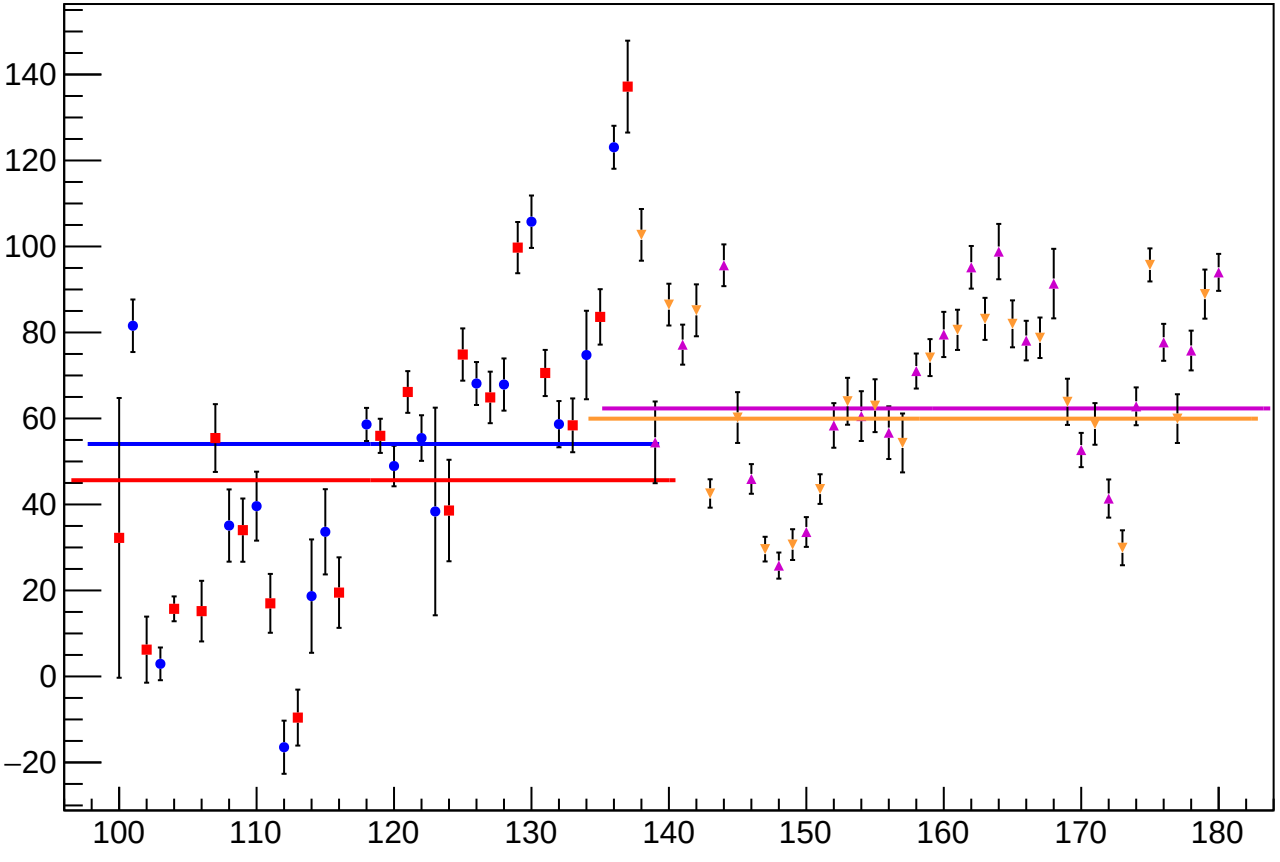
Left In: 237.057+/-1.147 χ^2/NDF:2522.9/20

+ sign 242.356+/-1.021 χ^2/NDF: 8007.9/38

All: 241.921+/-0.716 χ^2/NDF: 17039.6/78

- sign 241.499+/-1.004 χ^2/NDF: 9031.3/39

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065+/-1.421 χ^2/NDF: 634.4/16

Left Out: 59.955+/-0.967 χ^2/NDF:580.8/21

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

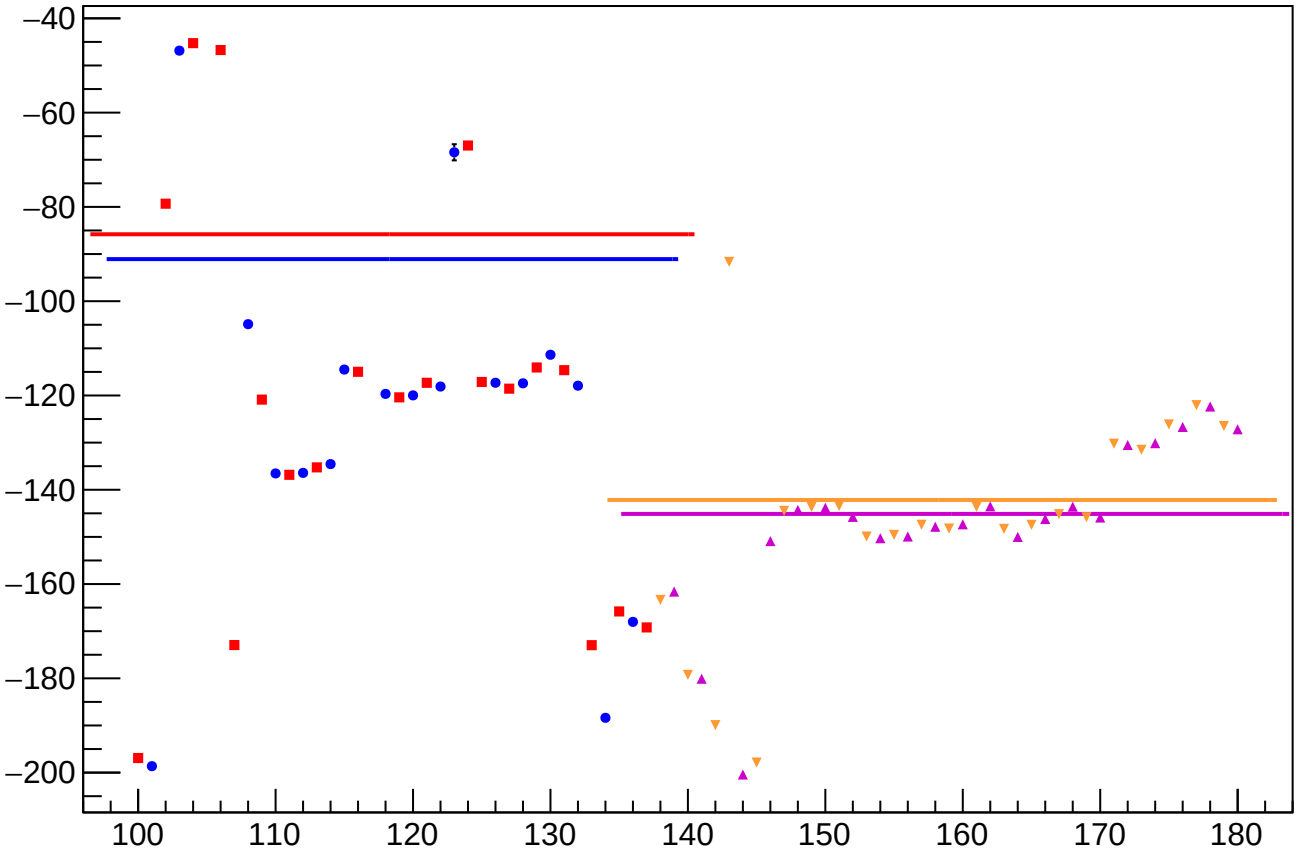
Left In: 62.332+/-0.993 χ^2/NDF:515.1/20

+ sign 58.091+/-0.799 χ^2/NDF: 1227.0/38

All: 57.307+/-0.566 χ^2/NDF: 2373.1/78

- sign 56.518+/-0.802 χ^2/NDF: 1144.2/39

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074+/-0.068 χ^2/NDF: 534647.5/16

Left Out: -142.165+/-0.047 χ^2/NDF:219599.6/21

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

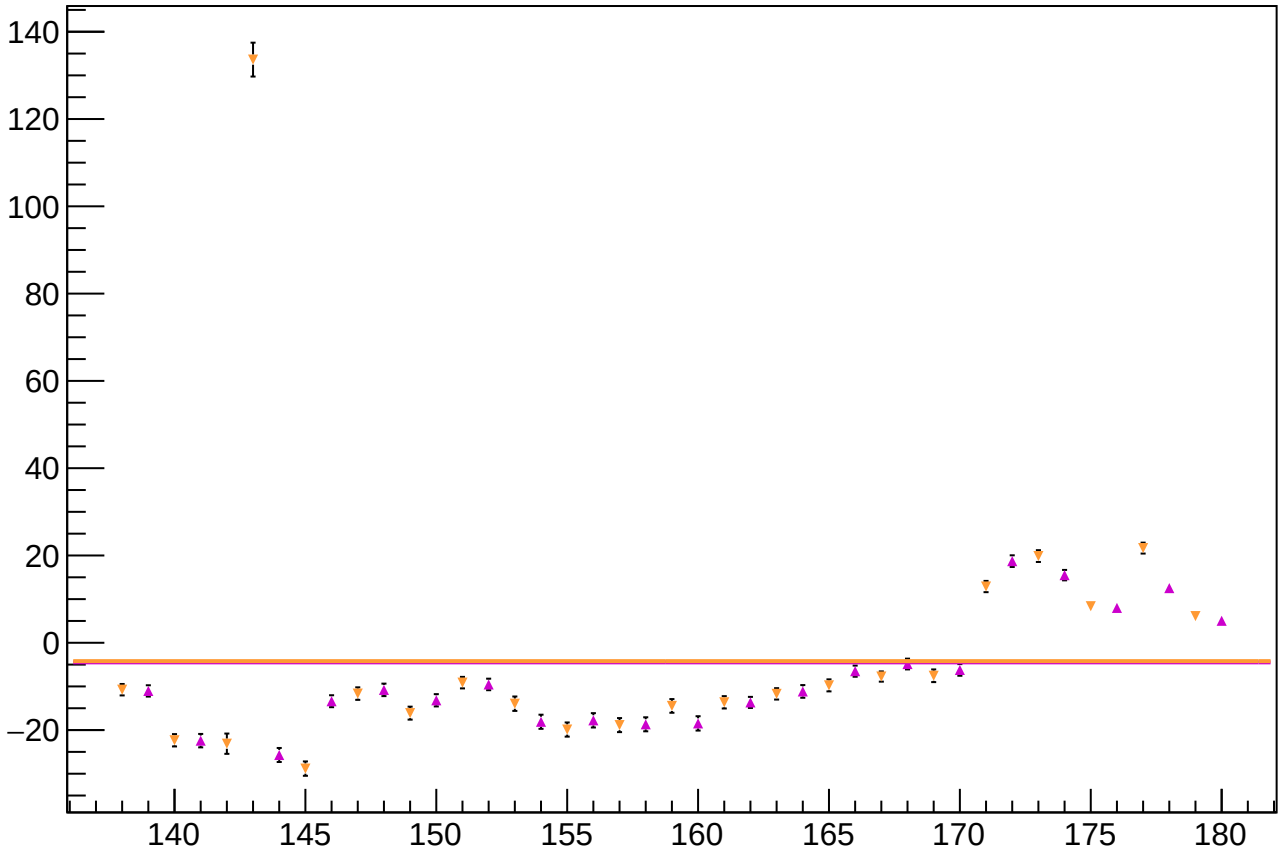
Left In: -145.125+/-0.047 χ^2/NDF:112295.6/20

+ sign -125.632+/-0.038 χ^2/NDF: 1141423.1/38

All: -125.315+/-0.027 χ^2/NDF: 2299497.5/78

- sign -125.006+/-0.038 χ^2/NDF: 1157940.1/39

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -4.208+/-0.296 χ^2/NDF:3403.8/21

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

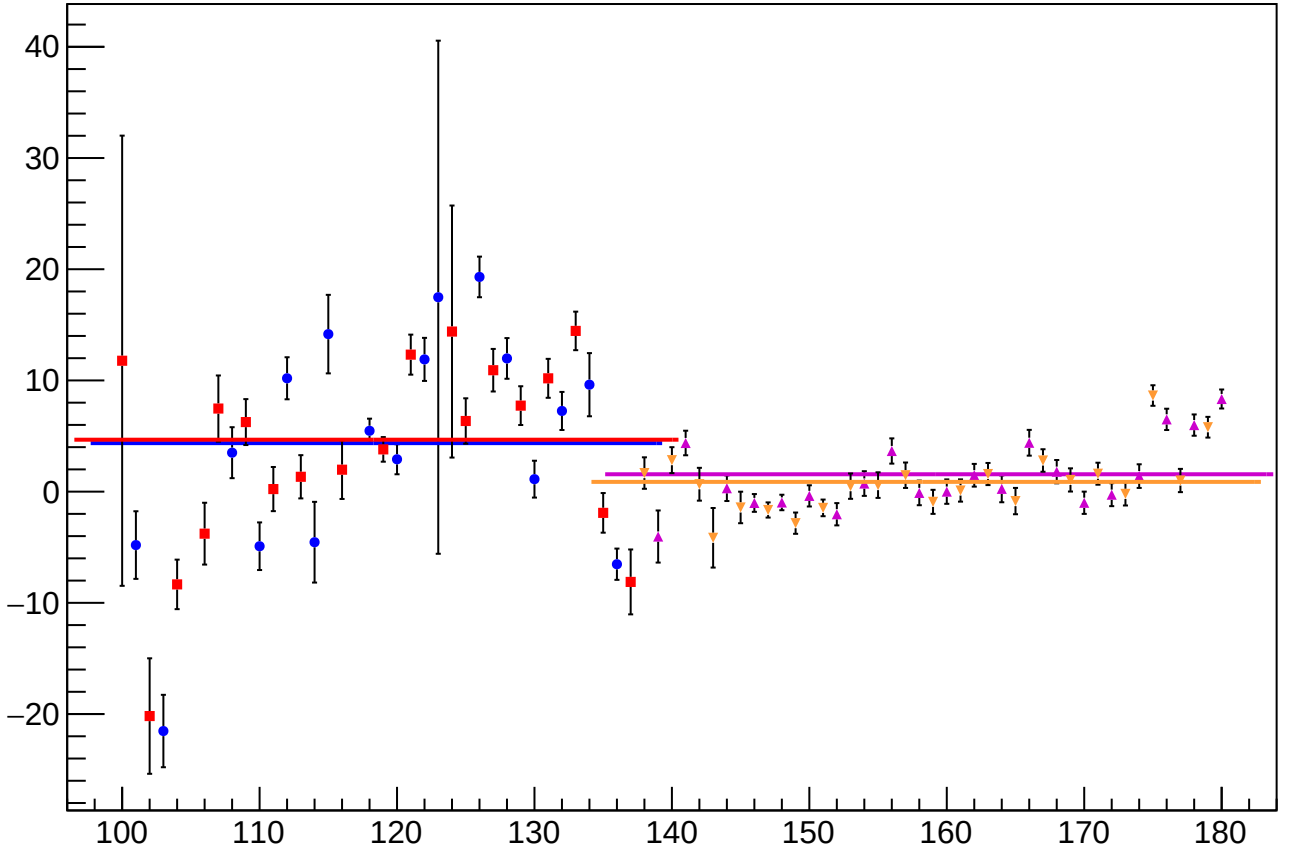
Left In: -4.486+/-0.284 χ^2/NDF:1924.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.352+/-0.205 χ^2/NDF: 5329.2/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.361+/-0.464 χ^2/NDF: 286.5/16

Left Out: 0.877+/-0.222 χ^2/NDF:158.0/21

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

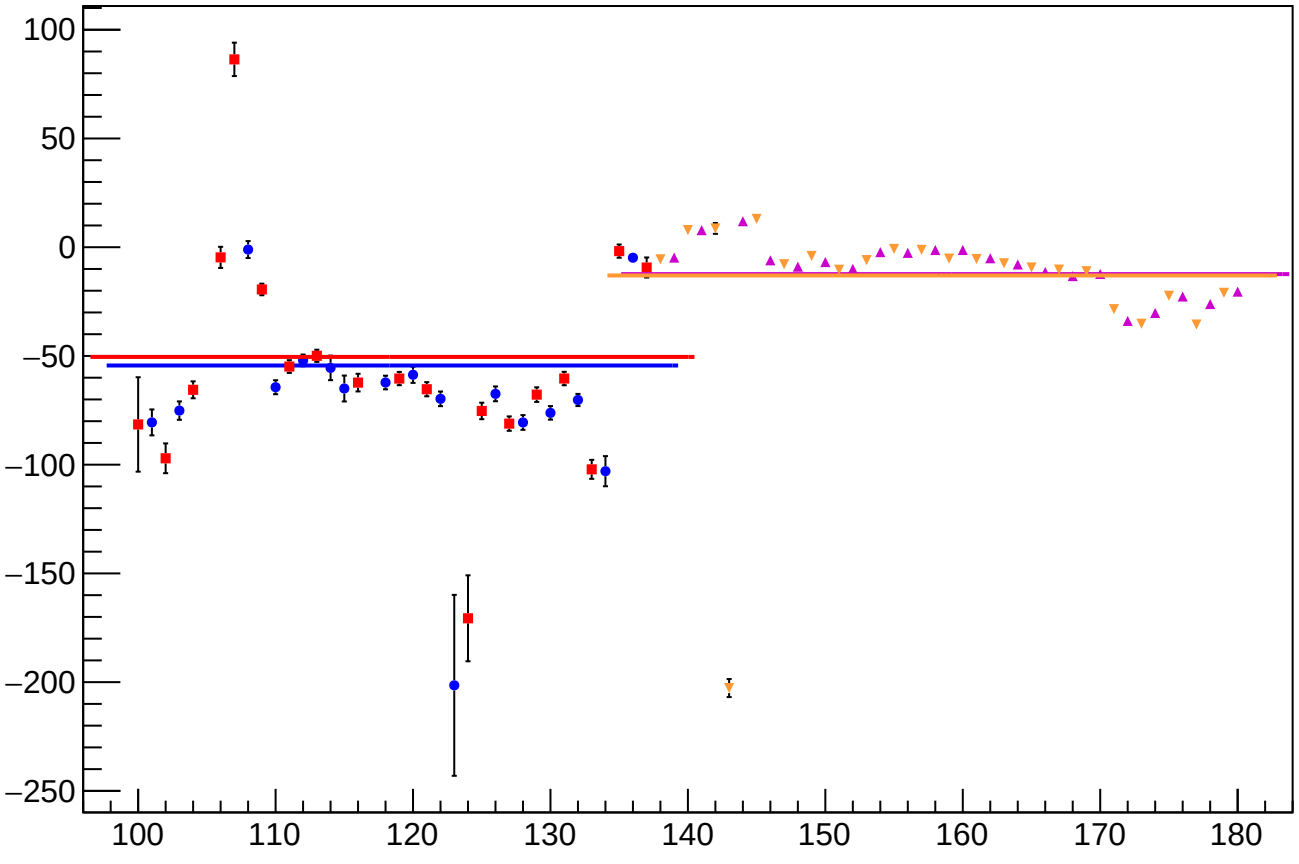
Left In: 1.563+/-0.221 χ^2/NDF:190.0/20

+ sign 1.525+/-0.200 χ^2/NDF: 490.3/38

All: 1.822+/-0.142 χ^2/NDF: 905.4/78

- sign 2.119+/-0.201 χ^2/NDF: 410.7/39

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392+/-0.863 χ^2/NDF: 1013.4/16

Left Out: -12.988+/-0.292 χ^2/NDF:3805.2/21

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

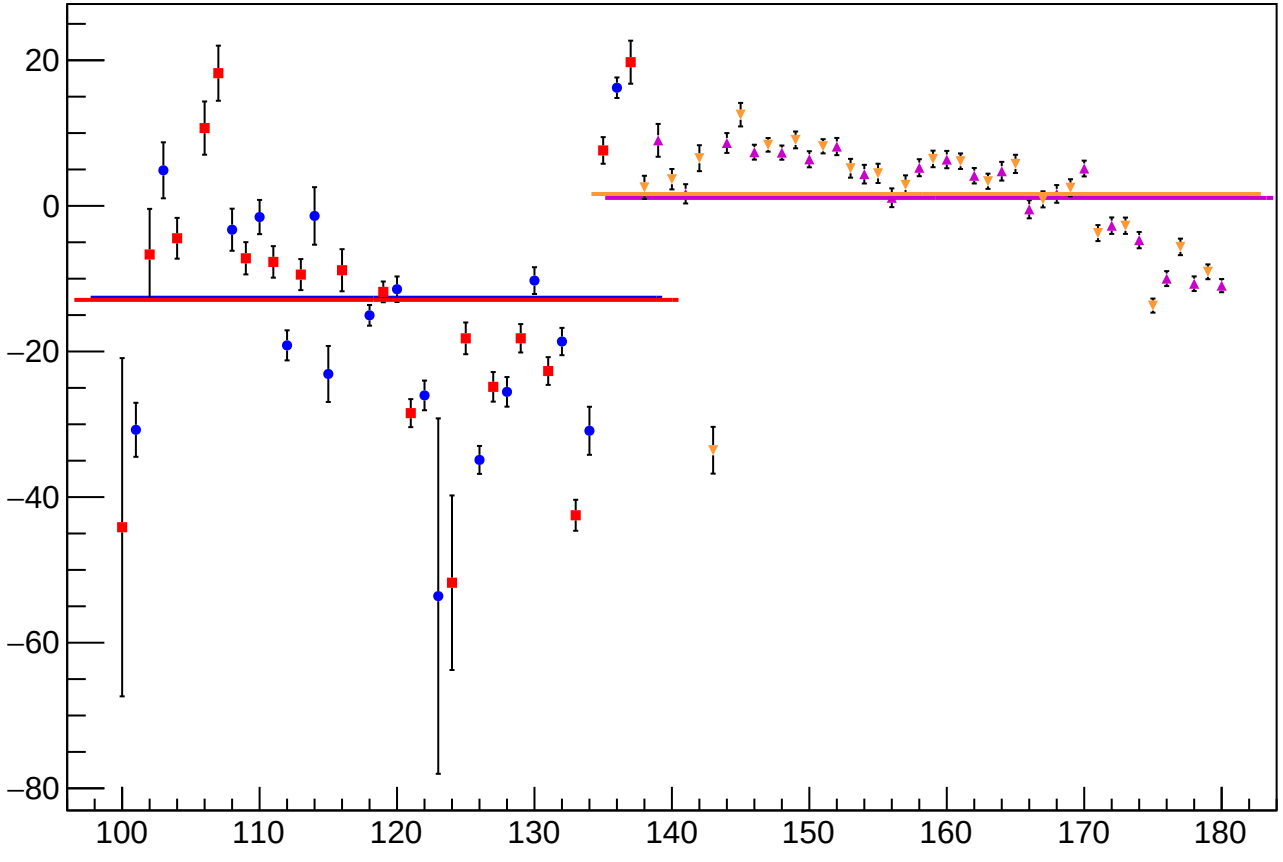
Left In: -12.372+/-0.281 χ^2/NDF:1477.5/20

+ sign -17.256+/-0.277 χ^2/NDF: 6885.5/38

All: -16.644+/-0.192 χ^2/NDF: 11476.9/78

- sign -16.074+/-0.267 χ^2/NDF: 4582.0/39

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616+/-0.530 χ^2/NDF: 788.2/16

Left Out: 1.633+/-0.253 χ^2/NDF:818.7/21

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

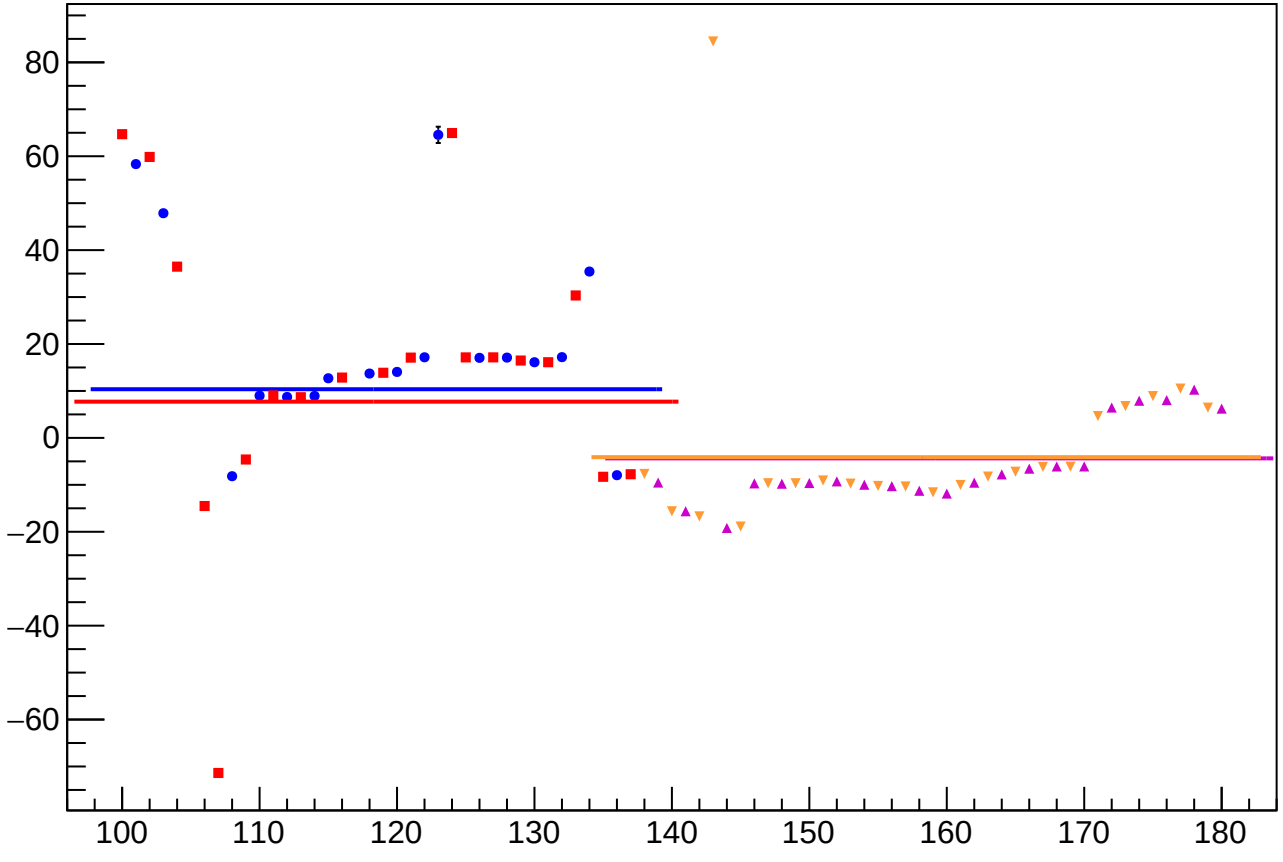
Left In: 1.093+/-0.251 χ^2/NDF:719.0/20

+ sign -1.015+/-0.229 χ^2/NDF: 2195.0/38

All: -1.212+/-0.161 χ^2/NDF: 4202.0/78

- sign -1.406+/-0.227 χ^2/NDF: 2005.6/39

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.366+/-0.031 χ^2/NDF: 381003.5/16

Left Out: -4.109+/-0.012 χ^2/NDF:800729.3/21

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

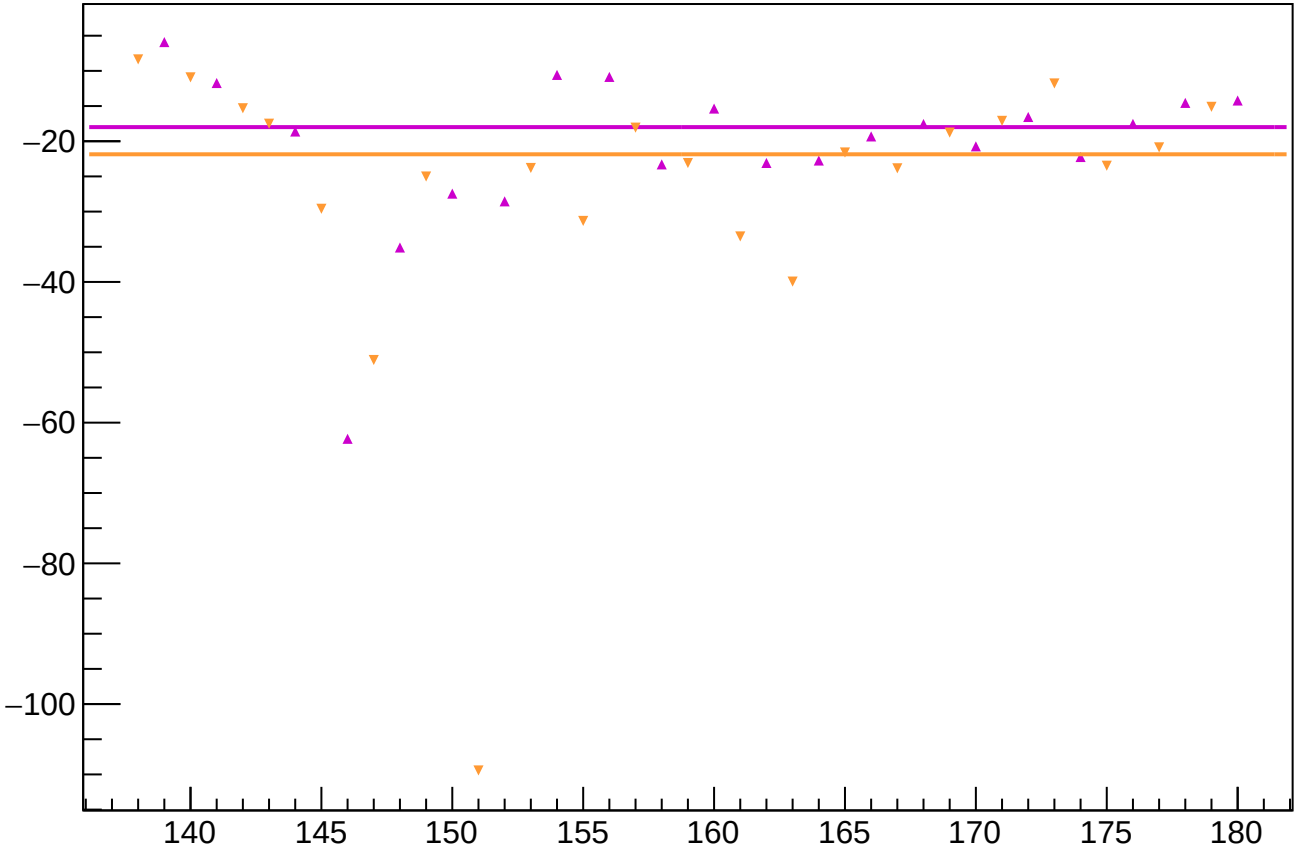
Left In: -4.363+/-0.011 χ^2/NDF:541177.9/20

+ sign -2.266+/-0.011 χ^2/NDF: 1377820.6/38

All: -2.619+/-0.008 χ^2/NDF: 2598194.1/78

- sign -2.957+/-0.011 χ^2/NDF: 1218318.4/39

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -21.855+/-0.046 χ^2/NDF:65183.7/21

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

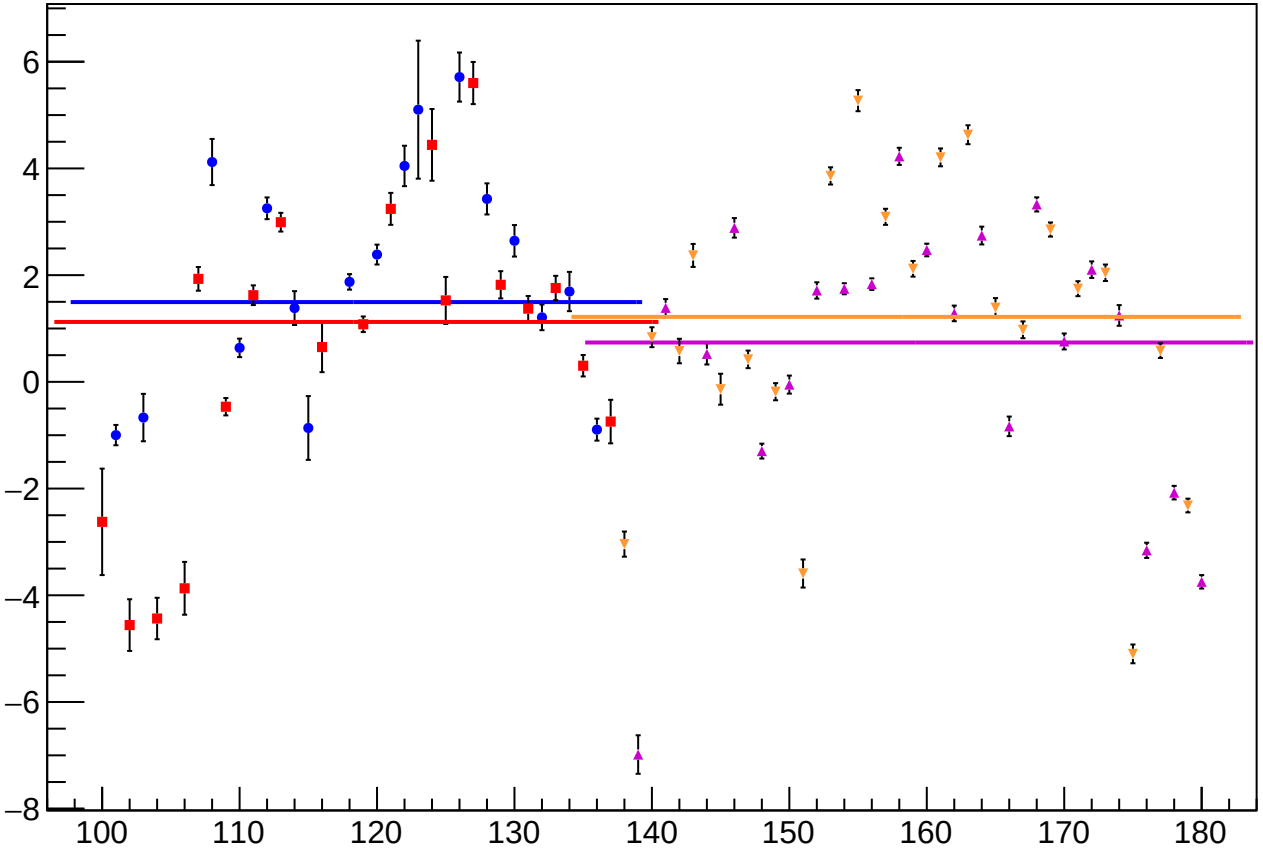
Left In: -17.992+/-0.041 χ^2/NDF:40284.7/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -19.693+/-0.031 χ^2/NDF: 109362.1/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495+/-0.061 χ^2/NDF: 708.8/16

Left Out: 1.218+/-0.036 χ^2/NDF:4653.2/21

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

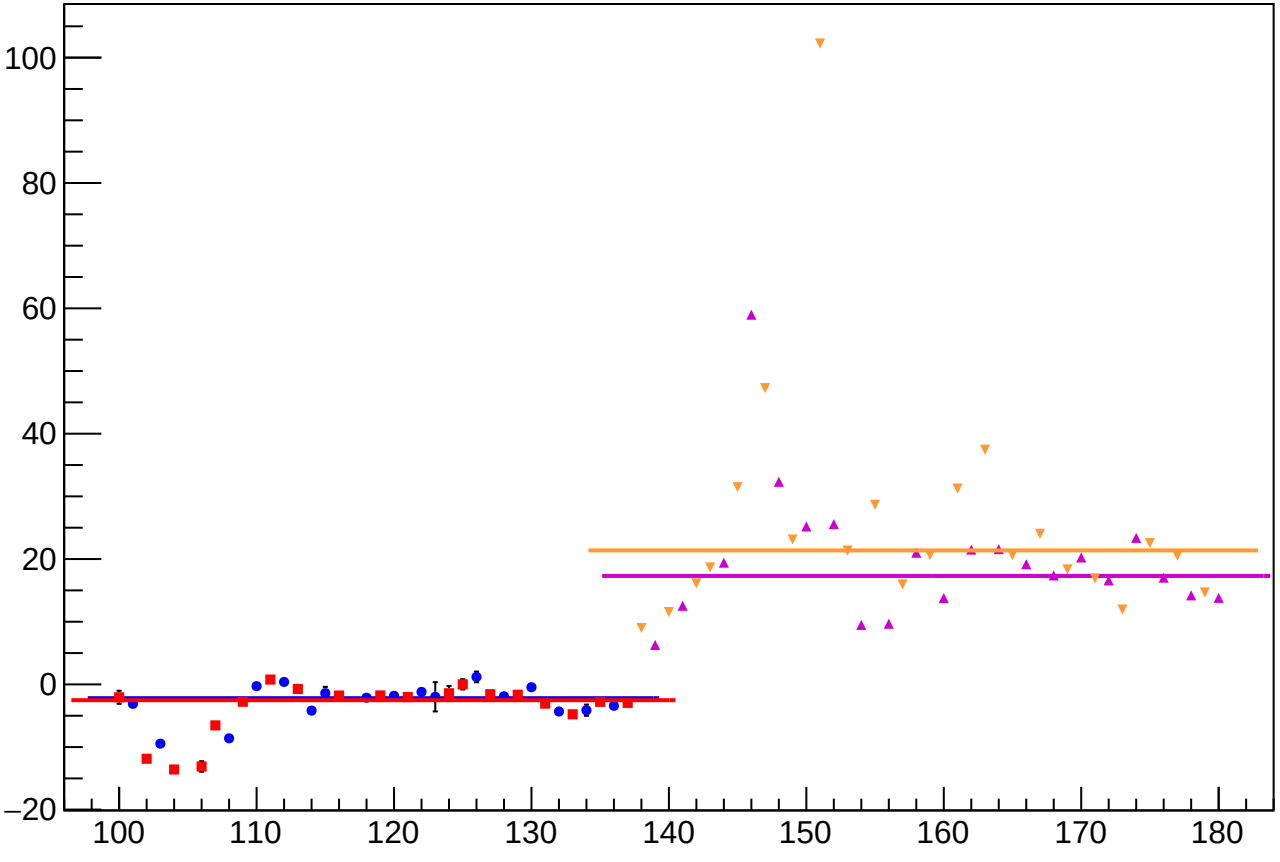
Left In: 0.738+/-0.032 χ^2/NDF:4962.5/20

+ sign 1.289+/-0.031 χ^2/NDF: 5377.4/38

All: 1.036+/-0.021 χ^2/NDF: 11441.8/78

- sign 0.827+/-0.028 χ^2/NDF: 5942.5/39

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 21.382+/-0.046 χ^2/NDF:58407.6/21

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

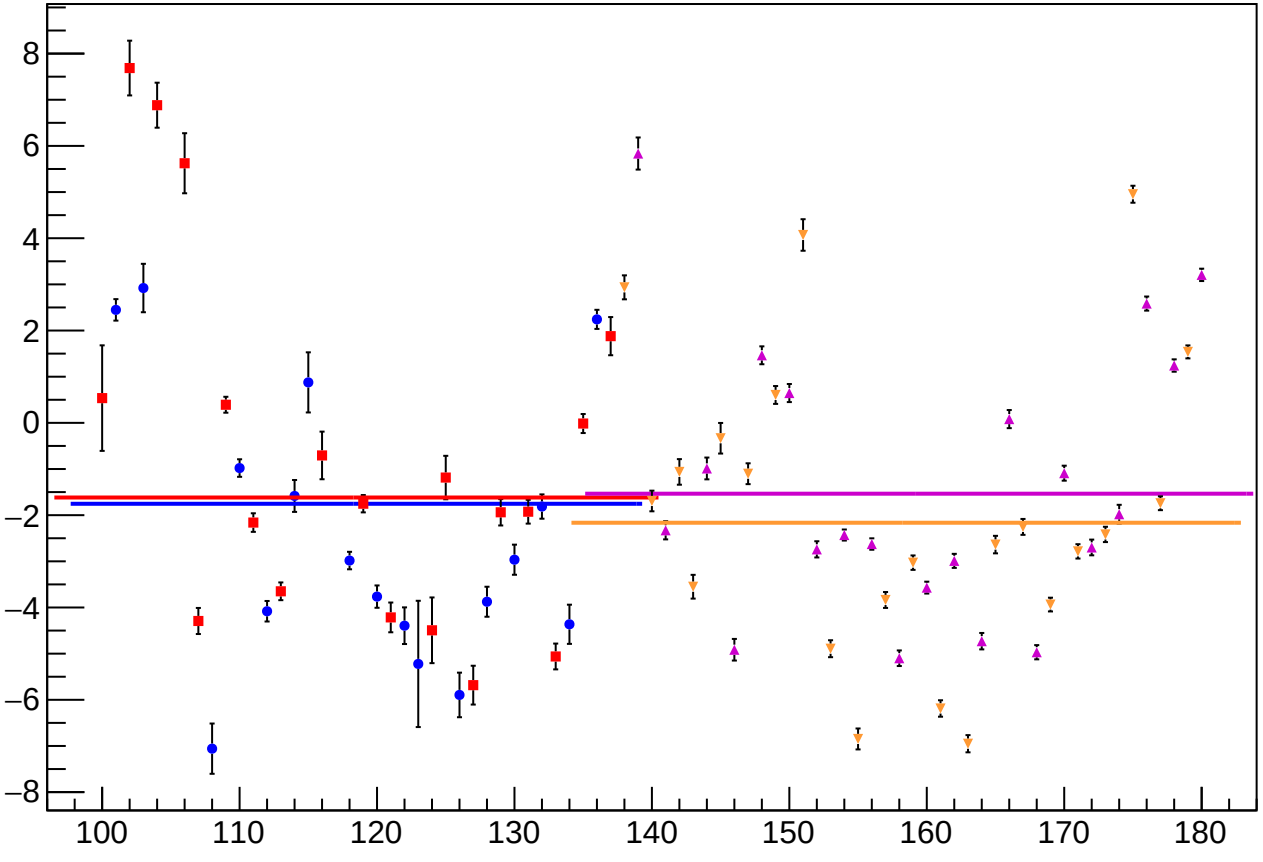
Left In: 17.304+/-0.040 χ^2/NDF:38021.4/20

+ sign 17.917+/-0.042 χ^2/NDF: 97660.0/38

All: 15.981+/-0.028 χ^2/NDF: 174702.6/78

- sign 14.476+/-0.037 χ^2/NDF: 73336.1/39

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -2.164+/-0.040 χ^2/NDF:5331.0/21

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

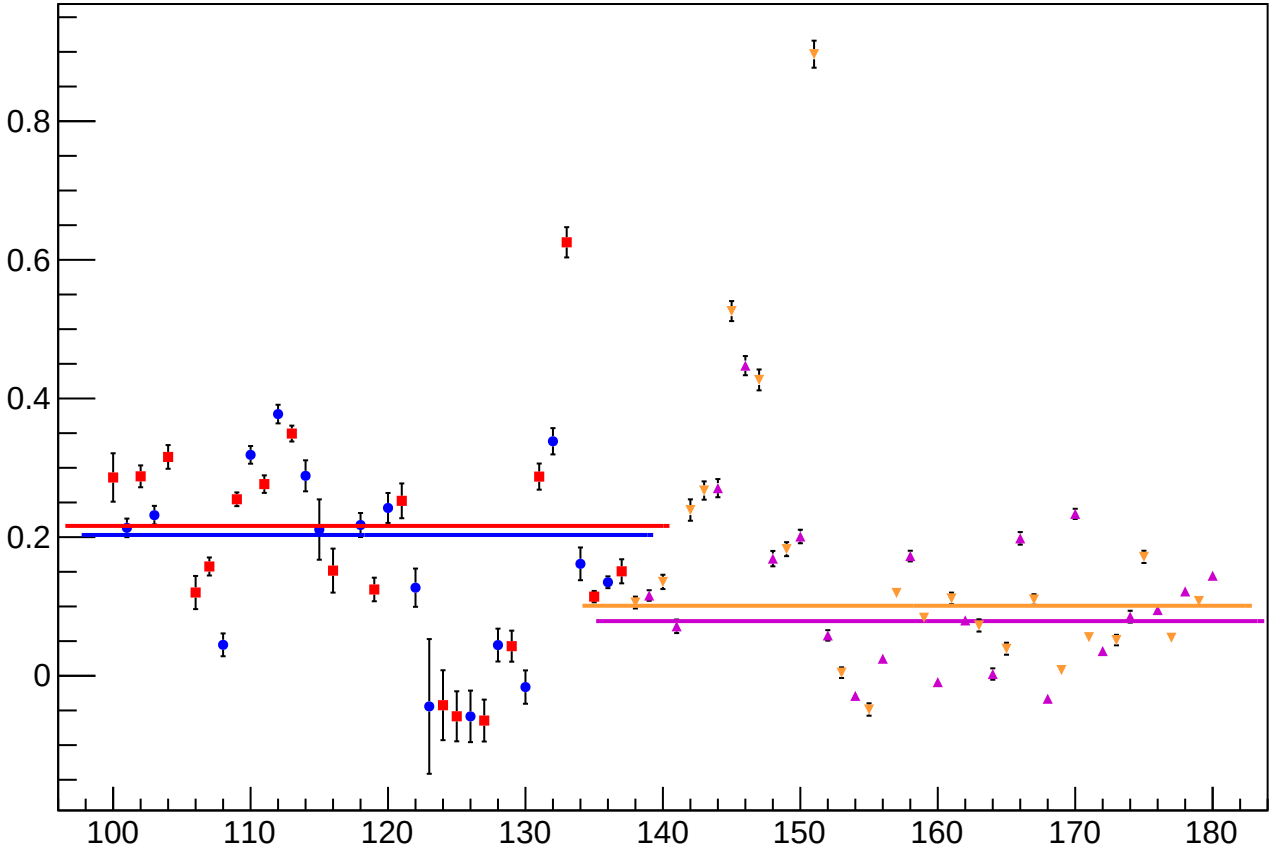
Left In: -1.535+/-0.036 χ^2/NDF:5365.1/20

+ sign -2.063+/-0.035 χ^2/NDF: 6701.8/38

All: -1.782+/-0.023 χ^2/NDF: 13673.2/78

- sign -1.554+/-0.031 χ^2/NDF: 6853.8/39

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.101+/-0.002 χ^2/NDF:4219.1/21

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

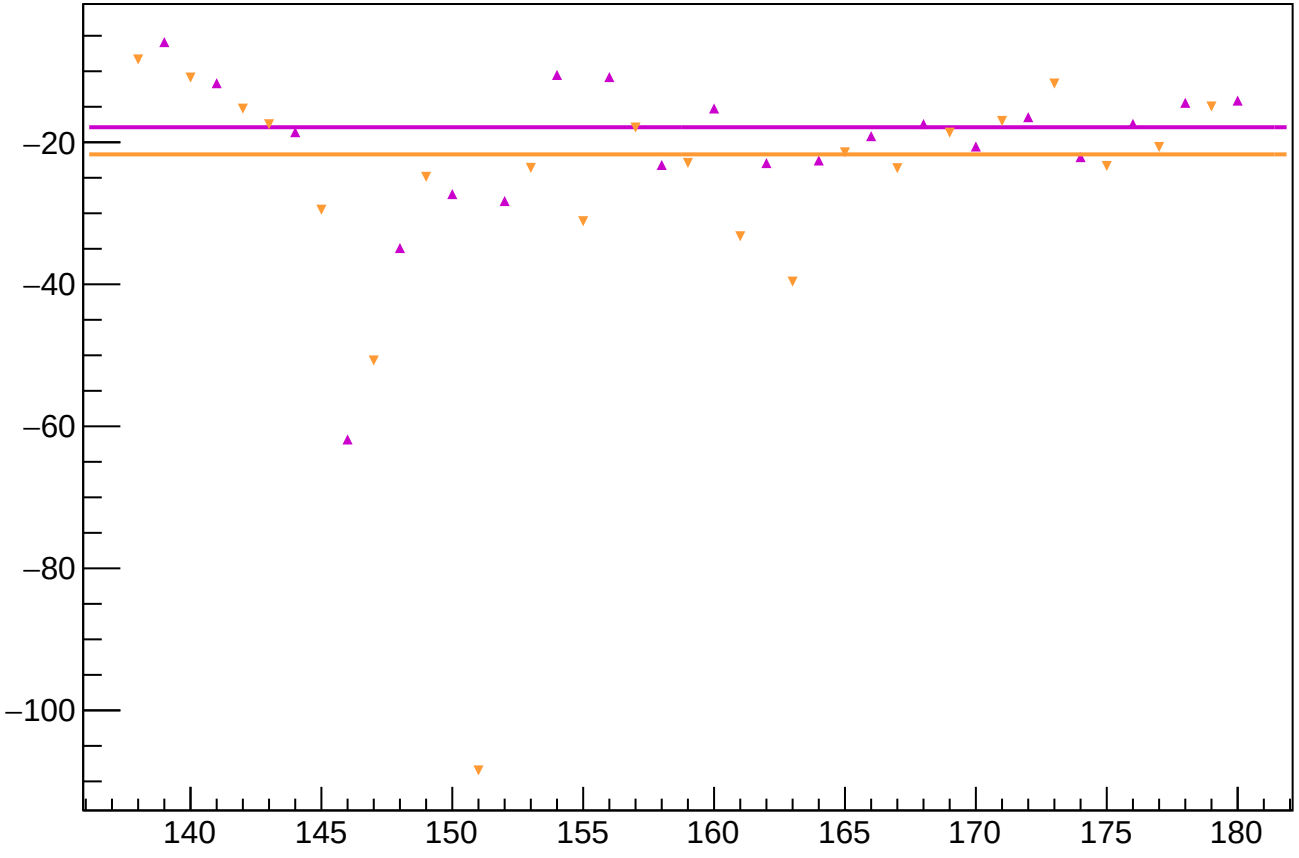
Left In: 0.079+/-0.002 χ^2/NDF:3397.2/20

+ sign 0.117+/-0.002 χ^2/NDF: 5409.9/38

All: 0.107+/-0.001 χ^2/NDF: 11108.4/78

- sign 0.100+/-0.001 χ^2/NDF: 5635.8/39

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -21.703+/-0.046 χ^2/NDF:65048.4/21

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

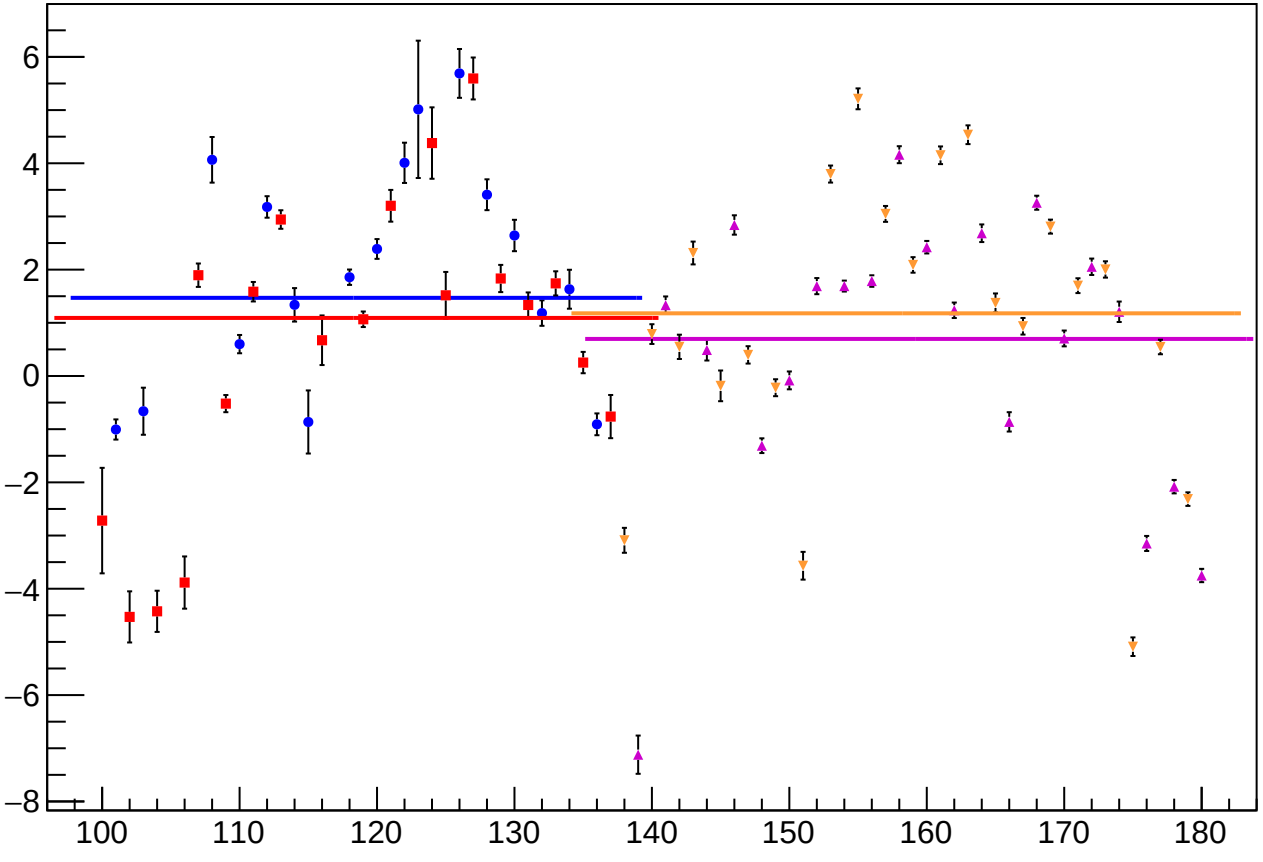
Left In: -17.882+/-0.041 χ^2/NDF:40205.6/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -19.565+/-0.031 χ^2/NDF: 109116.9/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470+/-0.061 χ^2/NDF: 707.9/16

Left Out: 1.178+/-0.036 χ^2/NDF:4648.6/21

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

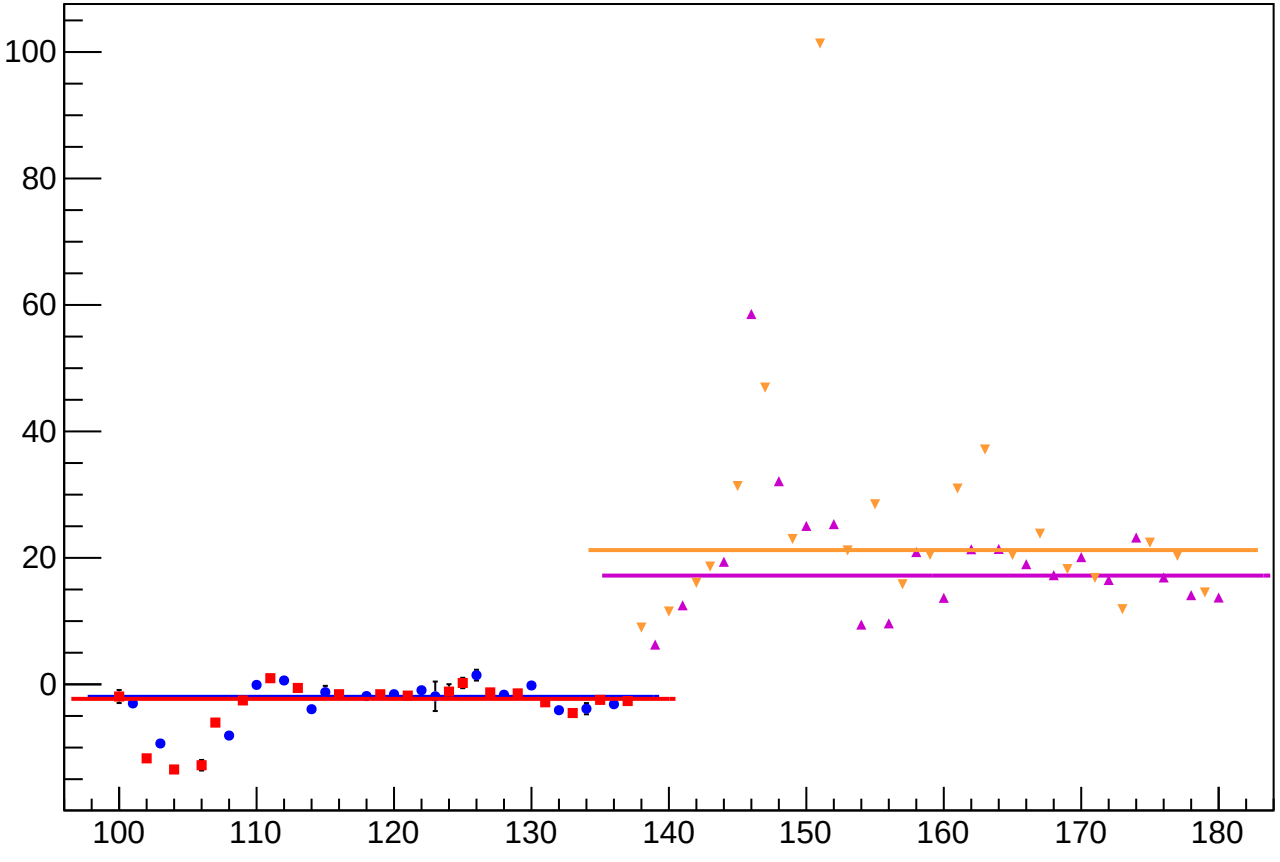
Left In: 0.697+/-0.032 χ^2/NDF:4955.7/20

+ sign 1.253+/-0.031 χ^2/NDF: 5373.6/38

All: 0.999+/-0.021 χ^2/NDF: 11441.9/78

- sign 0.789+/-0.028 χ^2/NDF: 5943.4/39

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 21.231+/-0.046 χ^2/NDF:58308.5/21

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

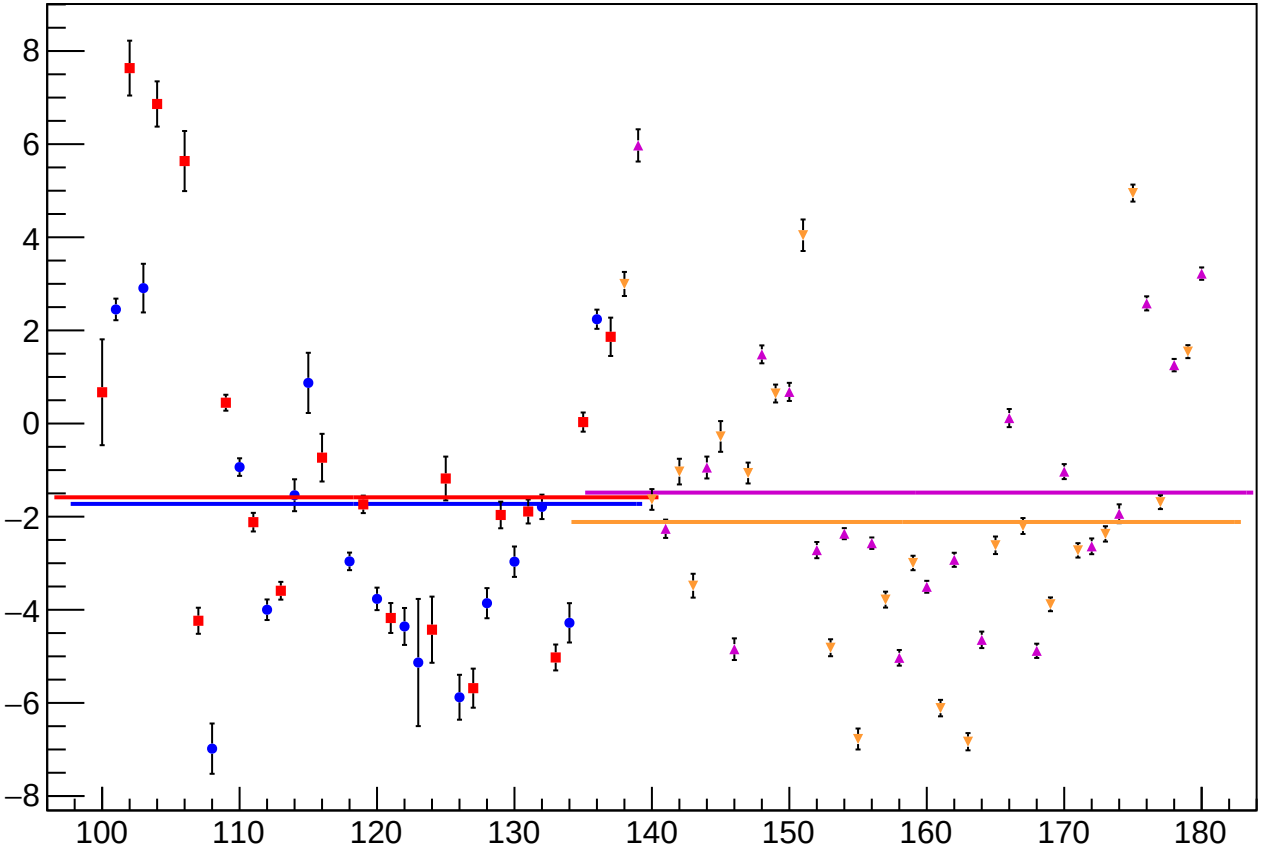
Left In: 17.198+/-0.040 χ^2/NDF:37950.2/20

+ sign 17.834+/-0.042 χ^2/NDF: 96741.8/38

All: 15.916+/-0.028 χ^2/NDF: 172926.1/78

- sign 14.425+/-0.037 χ^2/NDF: 72495.4/39

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -2.114+/-0.040 χ^2/NDF:5325.1/21

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

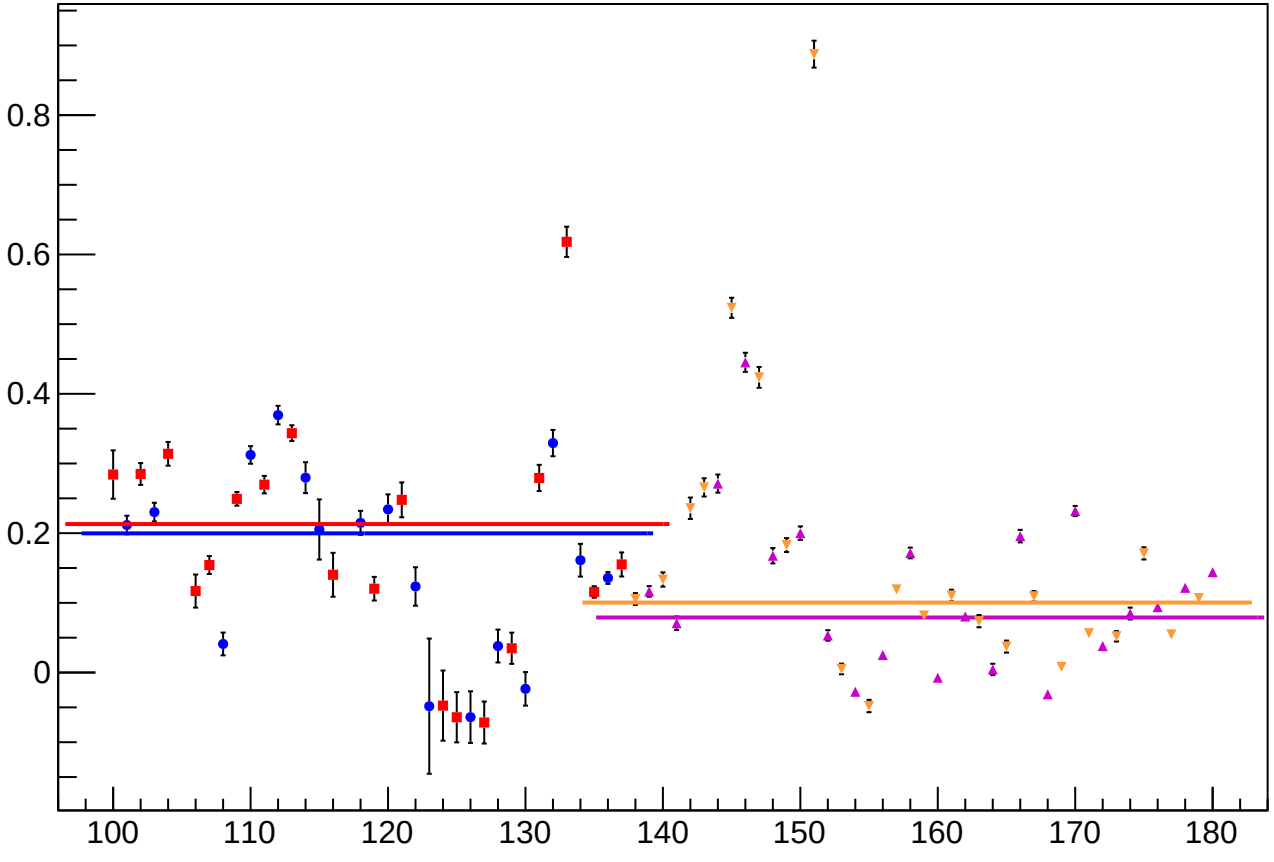
Left In: -1.483+/-0.036 χ^2/NDF:5357.3/20

+ sign -2.019+/-0.035 χ^2/NDF: 6689.8/38

All: -1.736+/-0.023 χ^2/NDF: 13662.4/78

- sign -1.506+/-0.031 χ^2/NDF: 6852.0/39

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.100+/-0.002 χ^2/NDF:4211.1/21

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

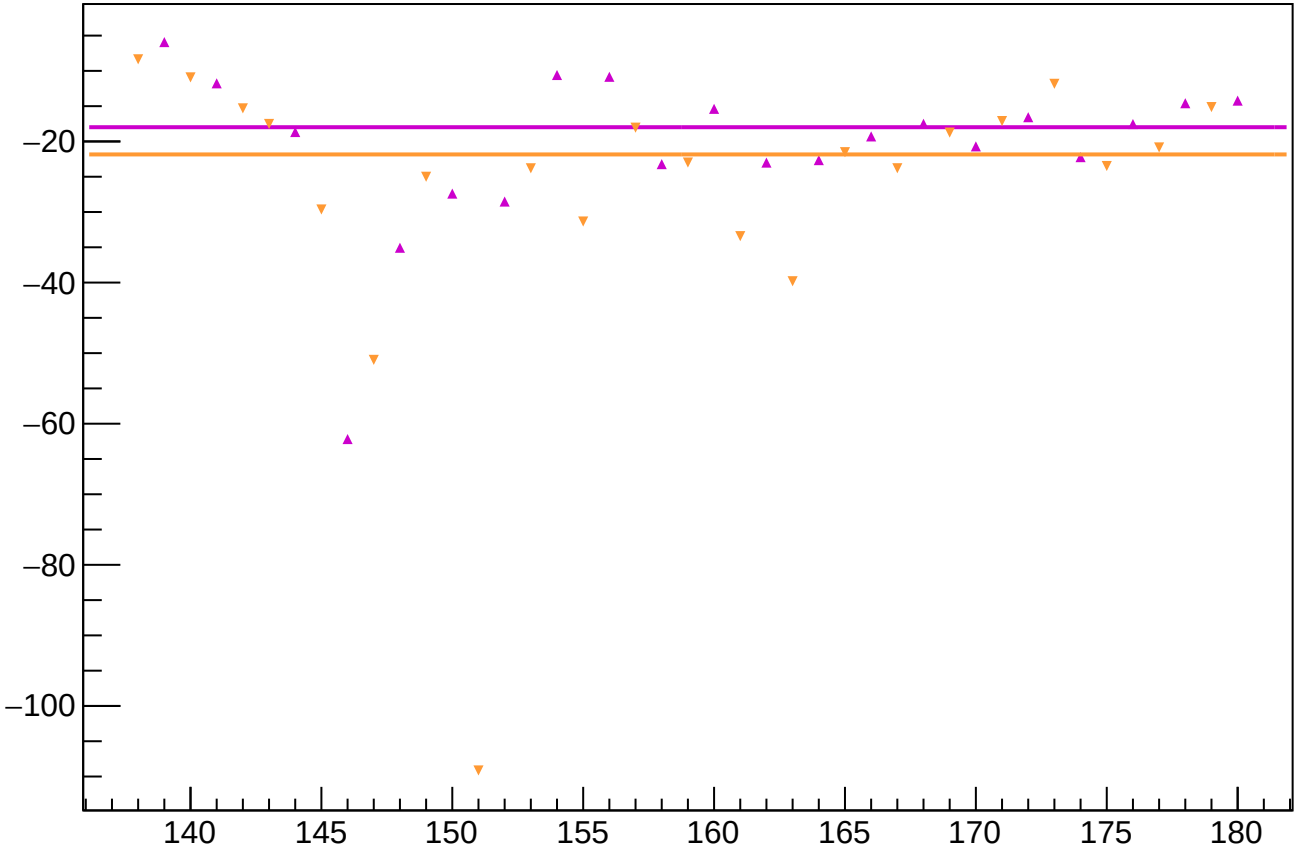
Left In: 0.079+/-0.002 χ^2/NDF:3369.8/20

+ sign 0.116+/-0.002 χ^2/NDF: 5364.3/38

All: 0.107+/-0.001 χ^2/NDF: 10972.6/78

- sign 0.099+/-0.001 χ^2/NDF: 5549.4/39

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -21.841+/-0.046 χ^2/NDF:65099.1/21

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

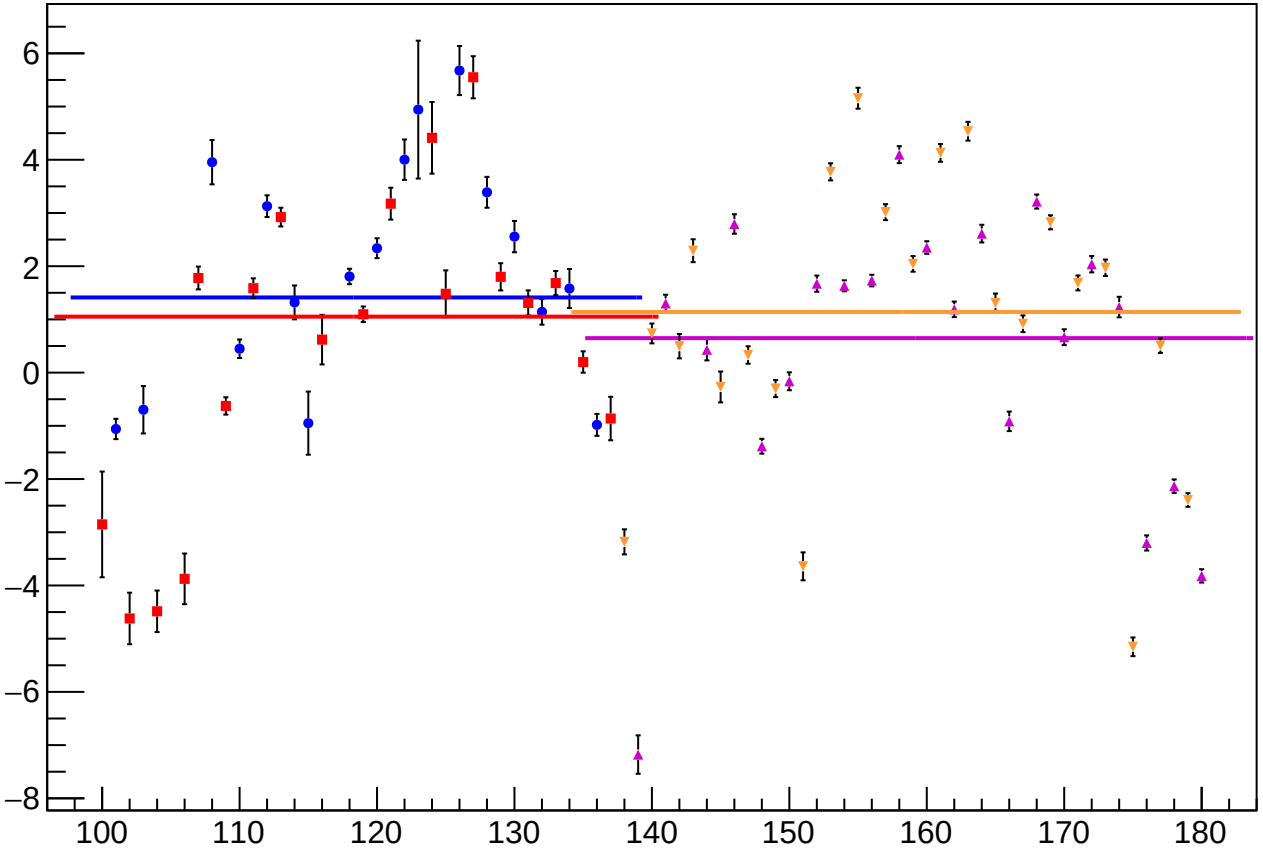
Left In: -17.982+/-0.041 χ^2/NDF:40239.0/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -19.680+/-0.031 χ^2/NDF: 109241.3/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413+/-0.061 χ^2/NDF: 713.9/16

Left Out: 1.140+/-0.036 χ^2/NDF:4675.6/21

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

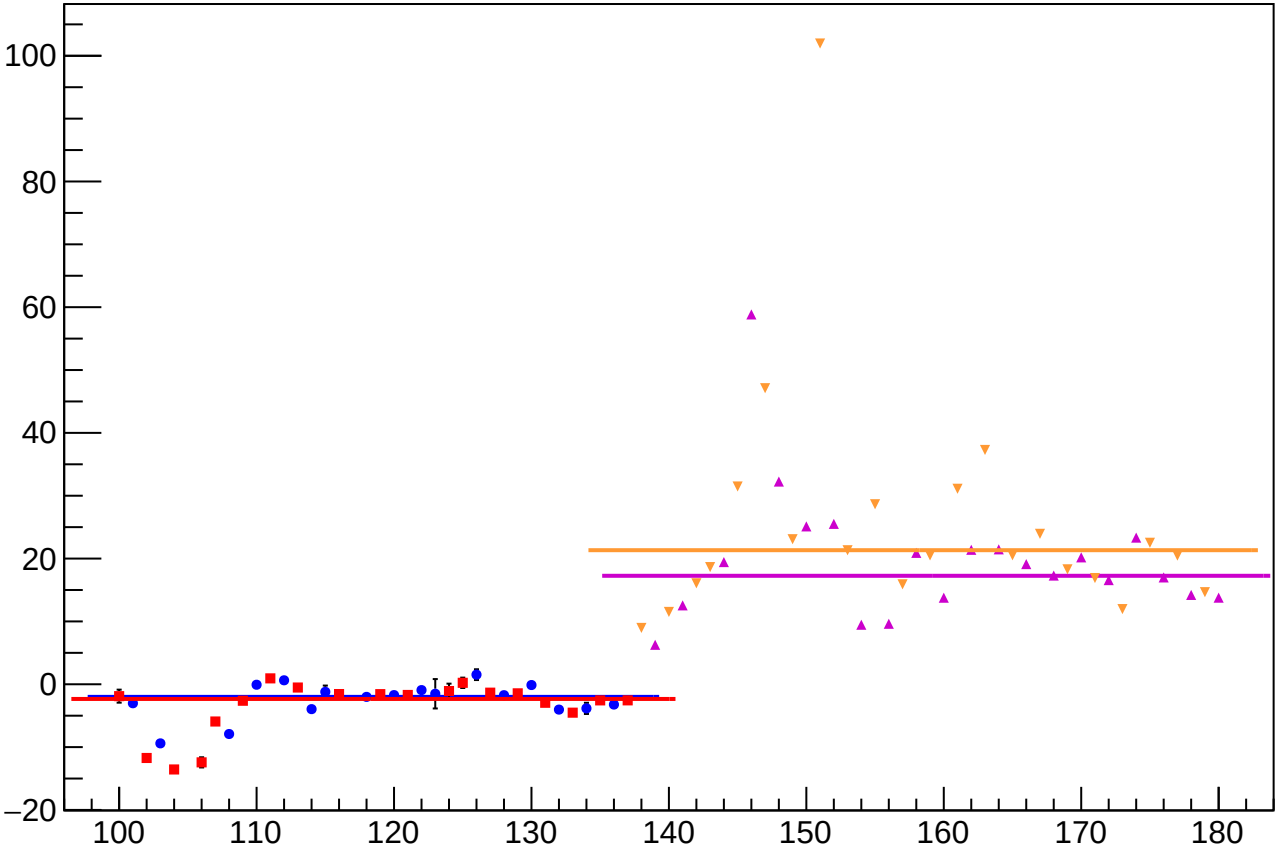
Left In: 0.648+/-0.032 χ^2/NDF:4933.6/20

+ sign 1.210+/-0.031 χ^2/NDF: 5404.3/38

All: 0.953+/-0.021 χ^2/NDF: 11463.9/78

- sign 0.742+/-0.028 χ^2/NDF: 5934.0/39

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 21.332+/-0.046 χ^2/NDF:58348.6/21

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

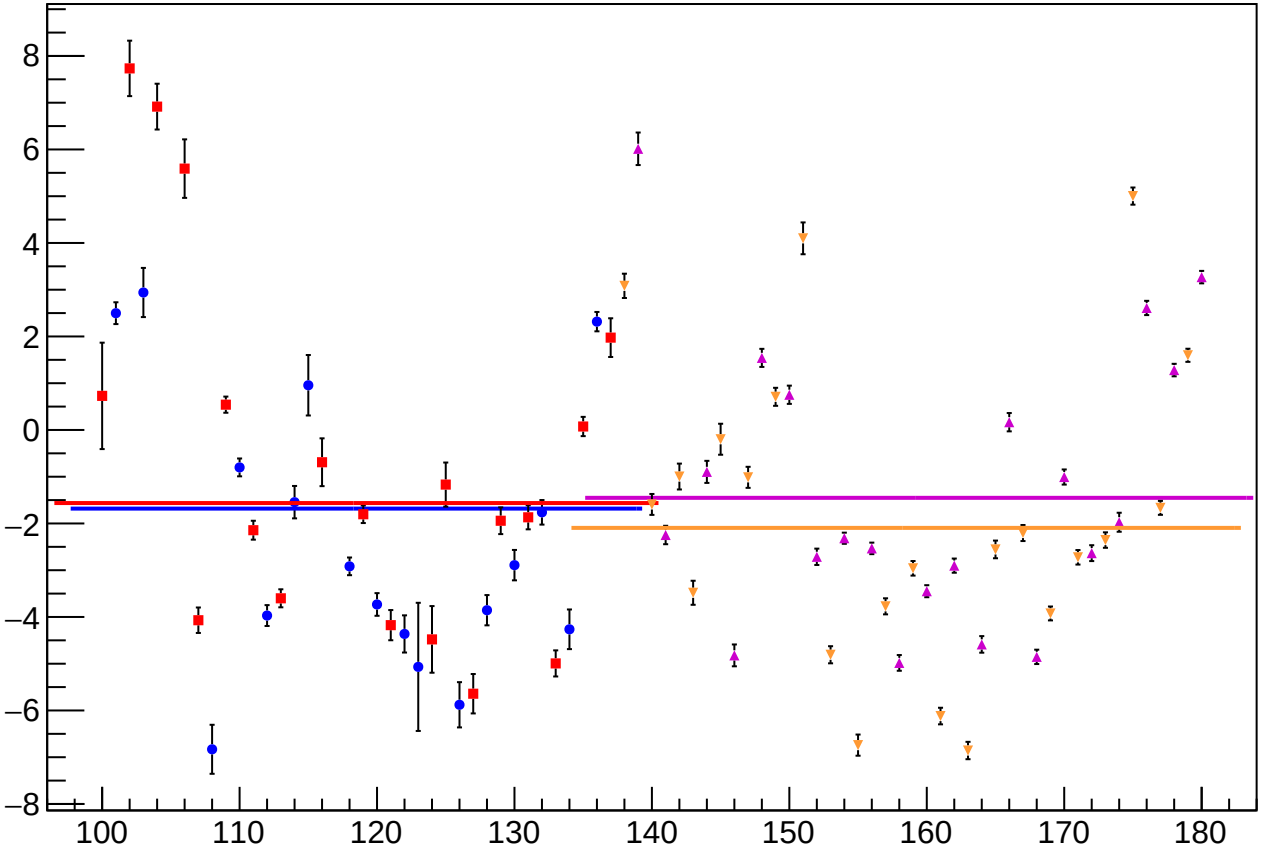
Left In: 17.260+/-0.040 χ^2/NDF:38001.7/20

+ sign 17.920+/-0.042 χ^2/NDF: 96814.3/38

All: 15.982+/-0.028 χ^2/NDF: 173122.8/78

- sign 14.476+/-0.037 χ^2/NDF: 72578.7/39

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -2.094+/-0.040 χ^2/NDF:5357.5/21

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

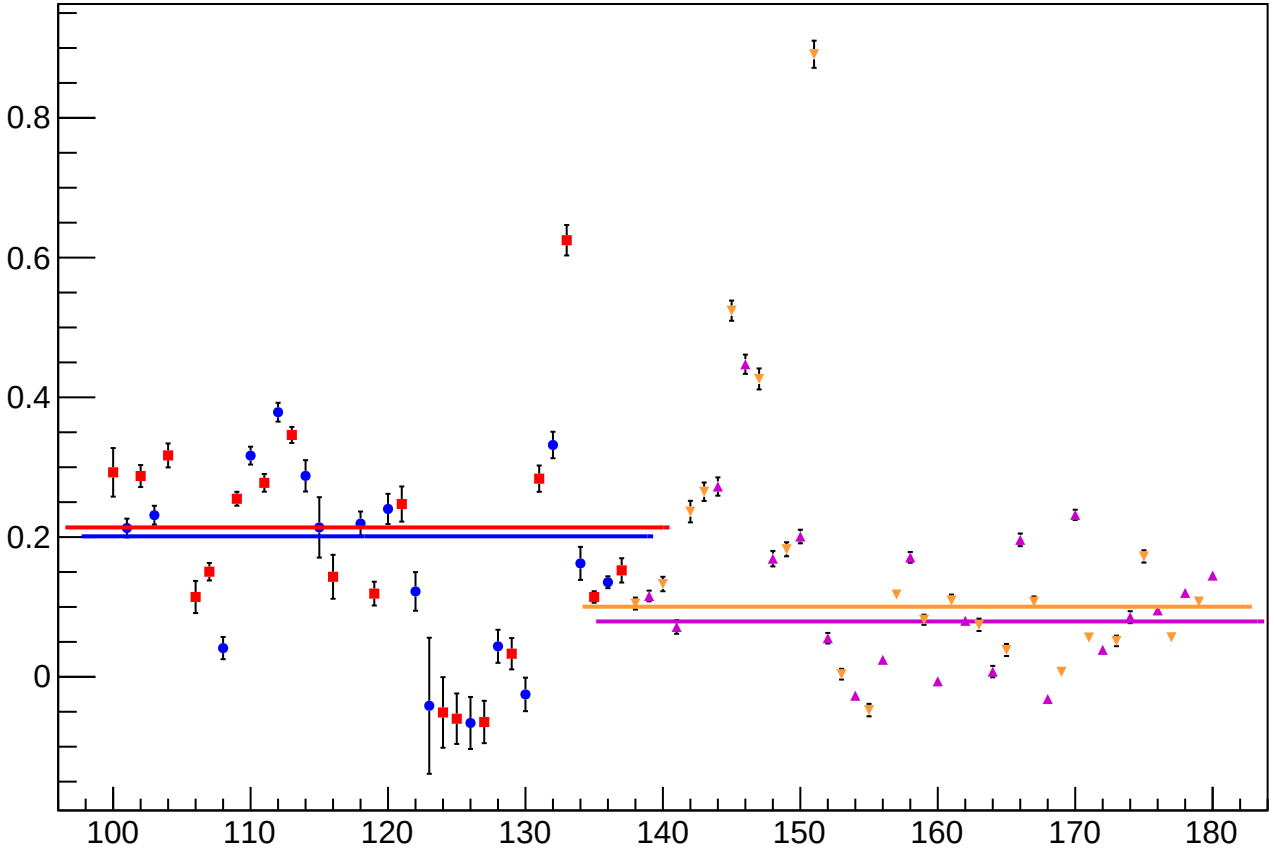
Left In: -1.452+/-0.036 χ^2/NDF:5325.8/20

+ sign -1.993+/-0.035 χ^2/NDF: 6731.3/38

All: -1.709+/-0.023 χ^2/NDF: 13685.4/78

- sign -1.477+/-0.031 χ^2/NDF: 6832.8/39

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.100+/-0.002 χ^2/NDF:4195.8/21

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

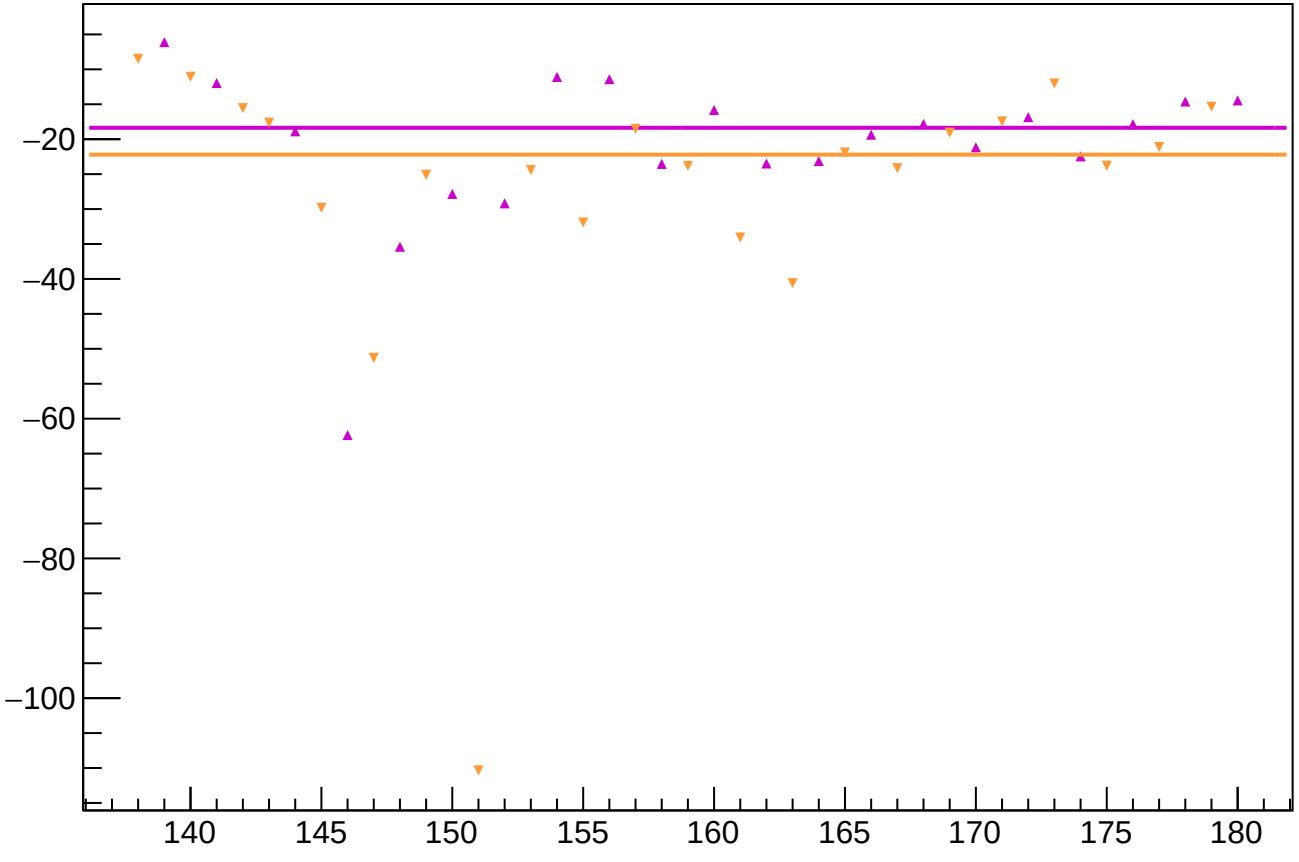
Left In: 0.079+/-0.002 χ^2/NDF:3346.2/20

+ sign 0.116+/-0.002 χ^2/NDF: 5388.3/38

All: 0.107+/-0.001 χ^2/NDF: 11005.3/78

- sign 0.100+/-0.001 χ^2/NDF: 5560.5/39

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -22.214+/-0.047 χ^2/NDF:64986.3/21

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

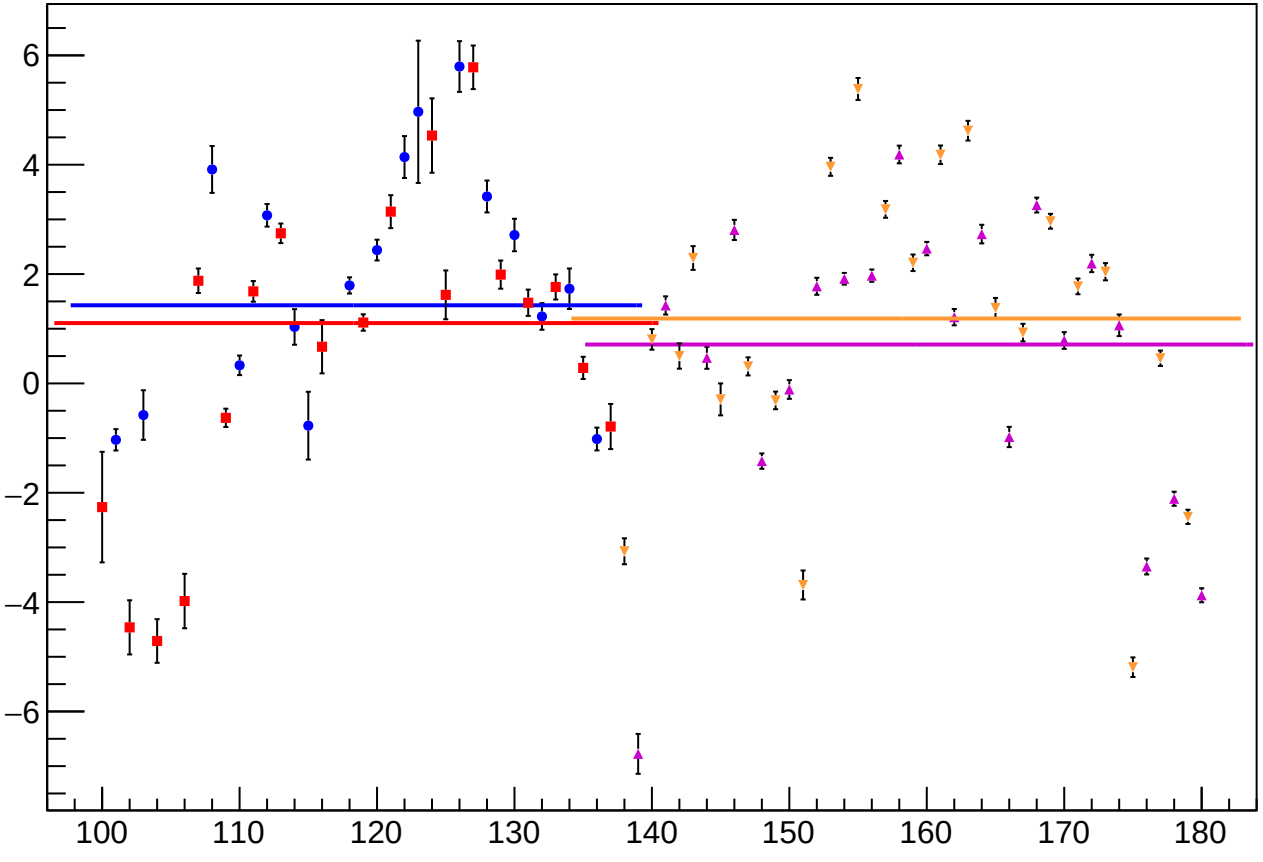
Left In: -18.364+/-0.042 χ^2/NDF:39297.9/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.064+/-0.031 χ^2/NDF: 108011.8/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429+/-0.062 χ^2/NDF: 711.4/16

Left Out: 1.187+/-0.036 χ^2/NDF:4729.4/21

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

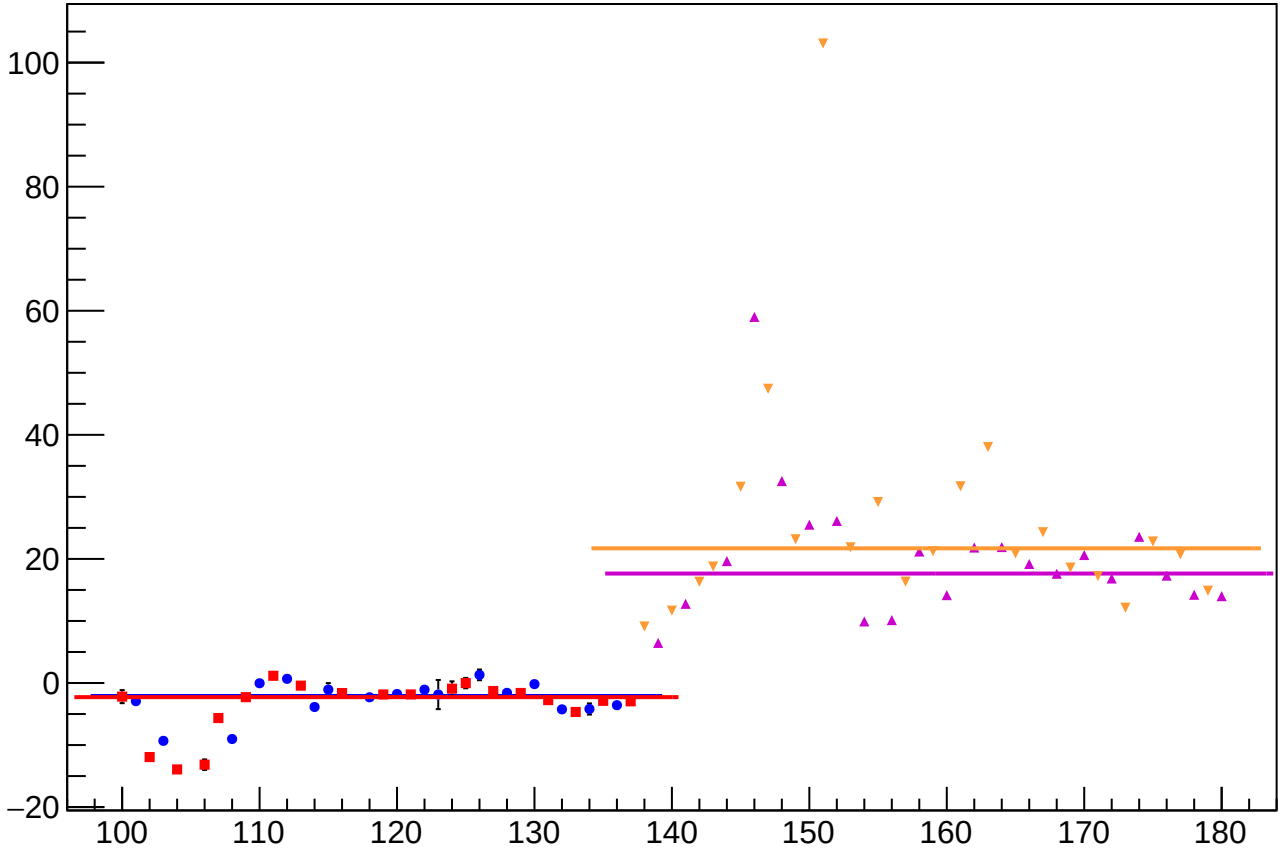
Left In: 0.712+/-0.033 χ^2/NDF:4988.4/20

+ sign 1.249+/-0.031 χ^2/NDF: 5452.1/38

All: 1.005+/-0.021 χ^2/NDF: 11520.0/78

- sign 0.803+/-0.029 χ^2/NDF: 5958.4/39

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 21.709+/-0.047 χ^2/NDF:58131.9/21

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

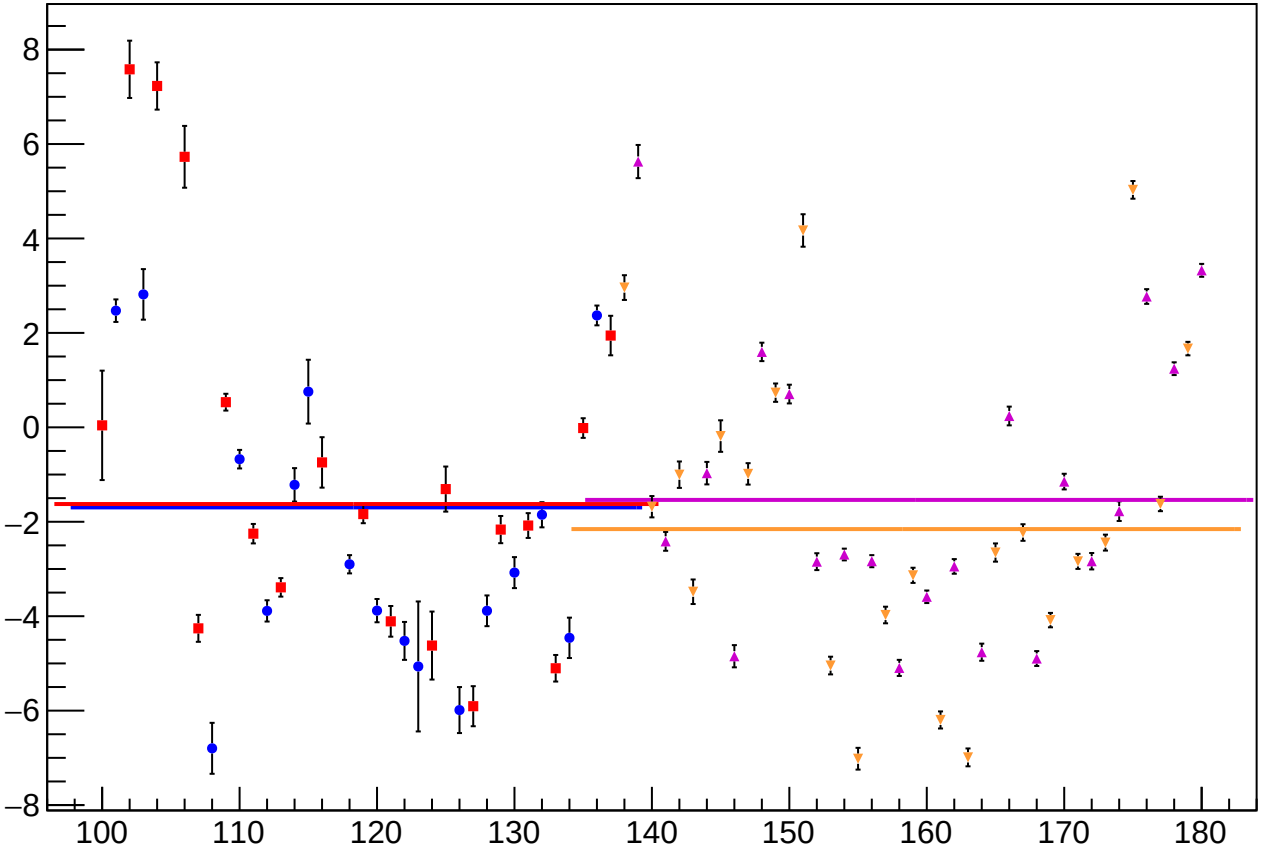
Left In: 17.645+/-0.041 χ^2/NDF:36902.8/20

+ sign 18.215+/-0.043 χ^2/NDF: 96753.4/38

All: 16.301+/-0.029 χ^2/NDF: 171439.4/78

- sign 14.804+/-0.038 χ^2/NDF: 71175.8/39

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -2.155+/-0.041 χ^2/NDF:5414.5/21

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

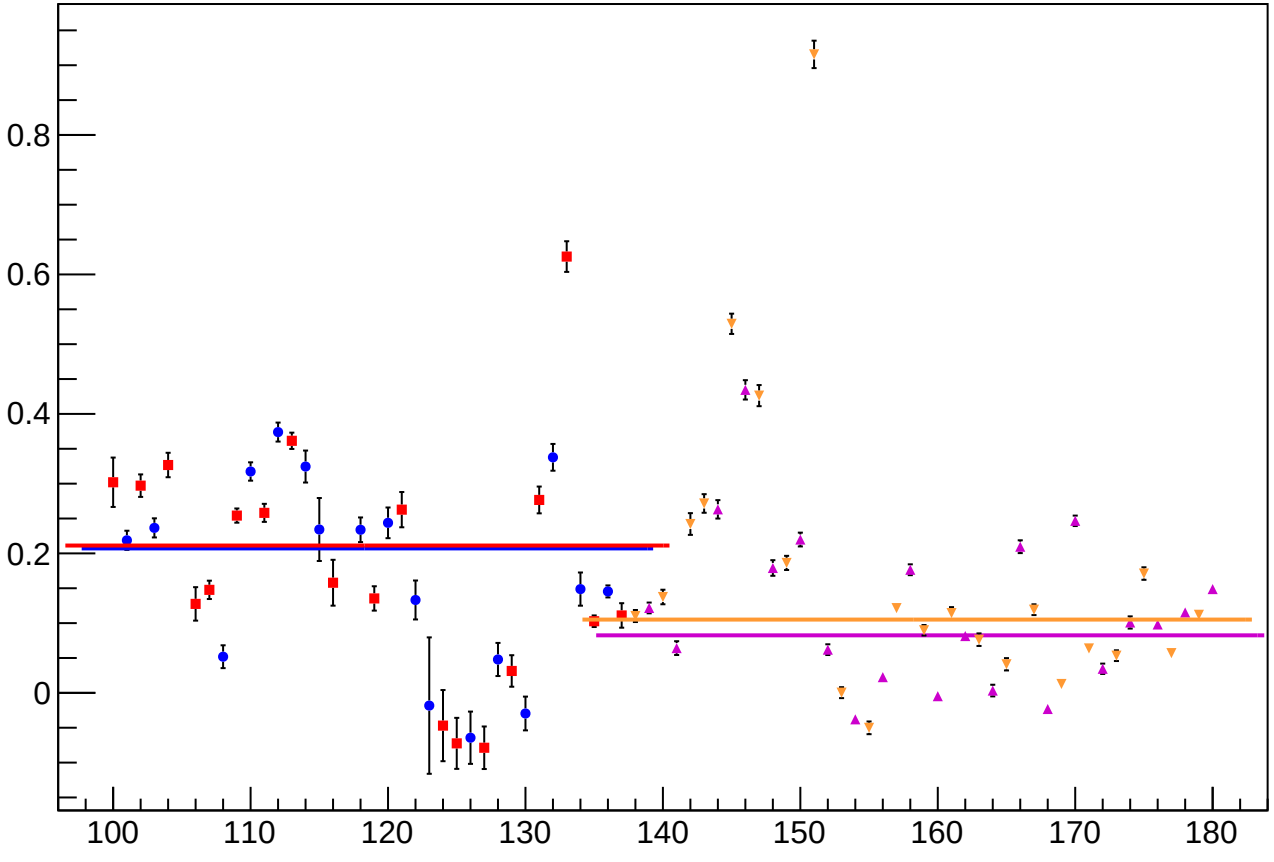
Left In: -1.537+/-0.037 χ^2/NDF:5383.3/20

+ sign -2.042+/-0.035 χ^2/NDF: 6778.8/38

All: -1.775+/-0.024 χ^2/NDF: 13733.5/78

- sign -1.557+/-0.032 χ^2/NDF: 6852.0/39

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.105+/-0.002 χ^2/NDF:4220.1/21

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

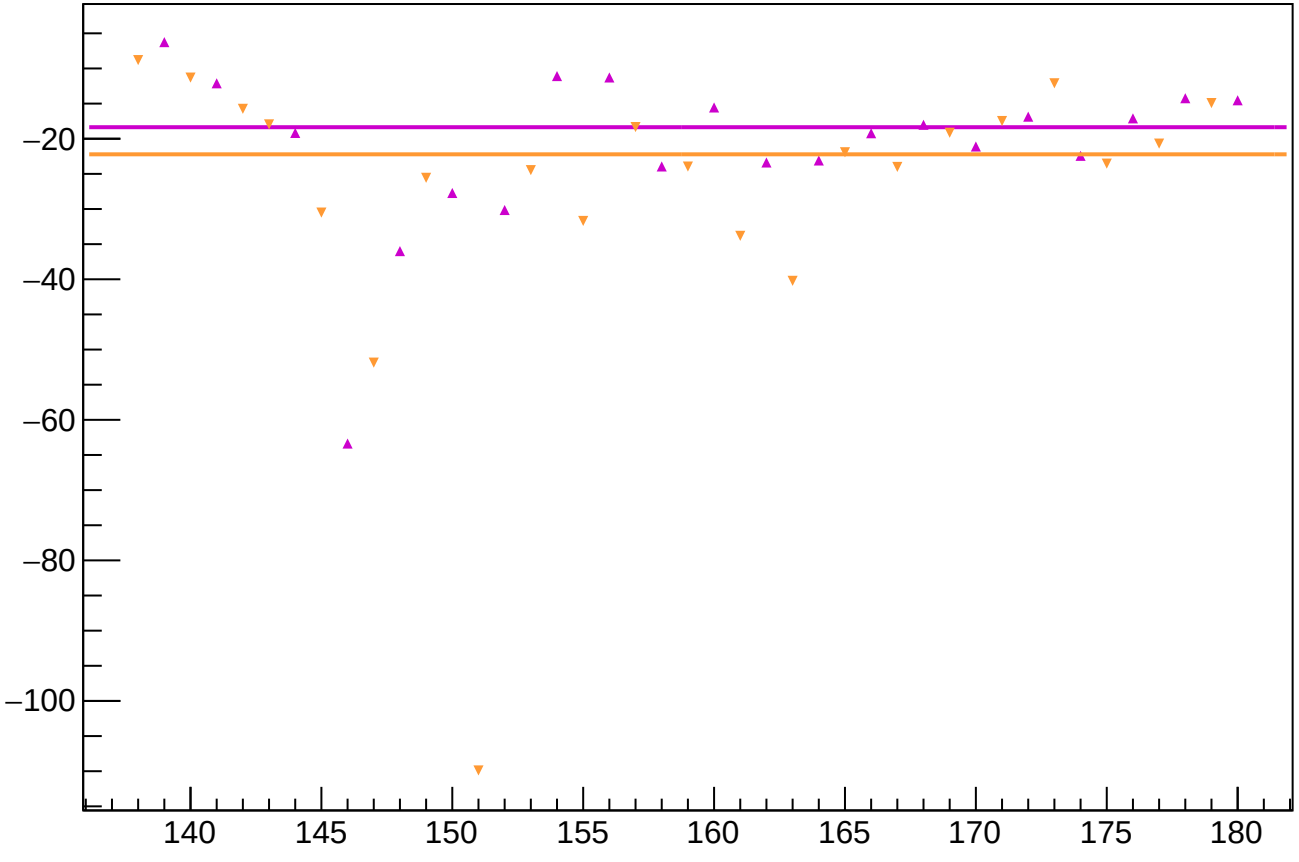
Left In: 0.082+/-0.002 χ^2/NDF:3420.8/20

+ sign 0.121+/-0.002 χ^2/NDF: 5372.6/38

All: 0.111+/-0.001 χ^2/NDF: 11004.7/78

- sign 0.102+/-0.001 χ^2/NDF: 5559.7/39

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -22.217+/-0.047 χ^2/NDF:64226.1/21

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

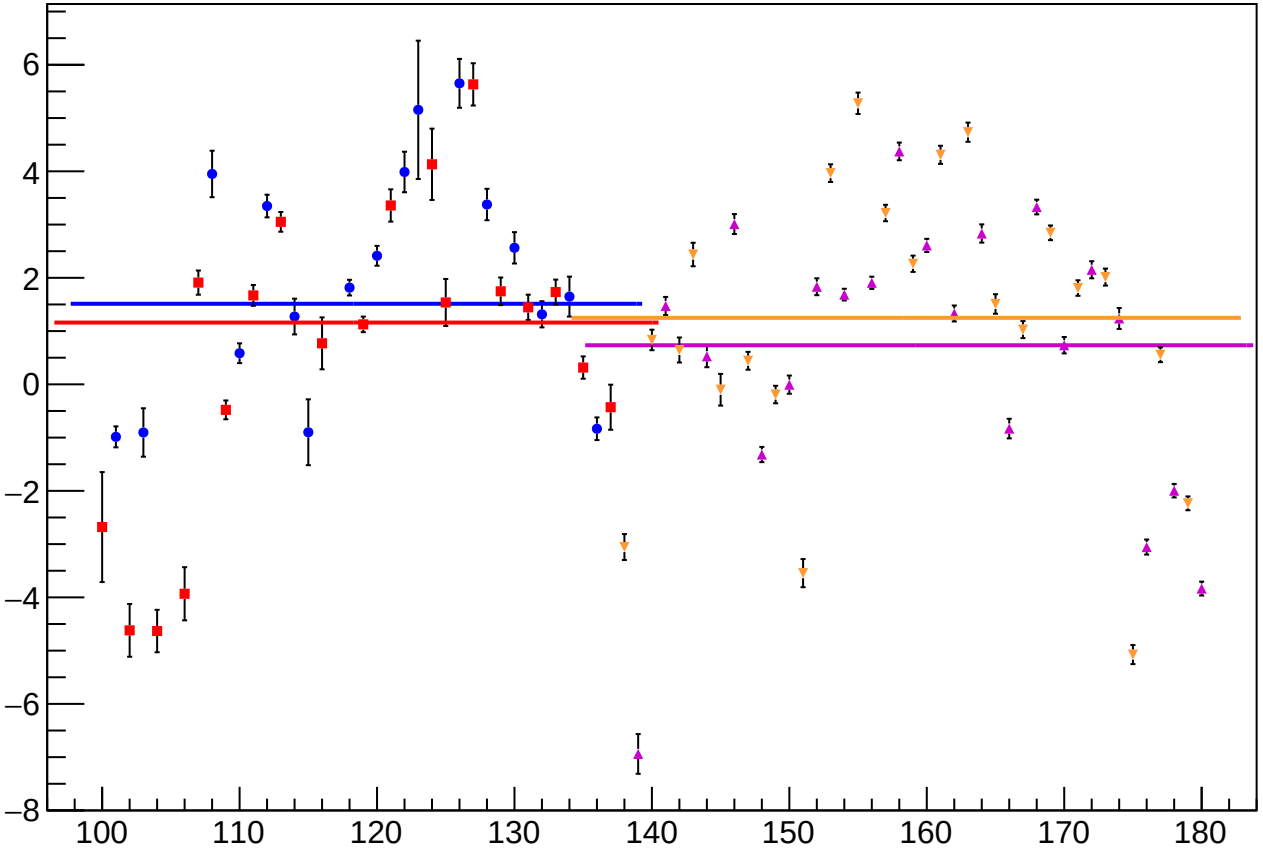
Left In: -18.359+/-0.042 χ^2/NDF:39793.2/20

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.065+/-0.032 χ^2/NDF: 107714.5/42

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513+/-0.063 χ^2/NDF: 669.7/16

Left Out: 1.248+/-0.037 χ^2/NDF:4540.0/21

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

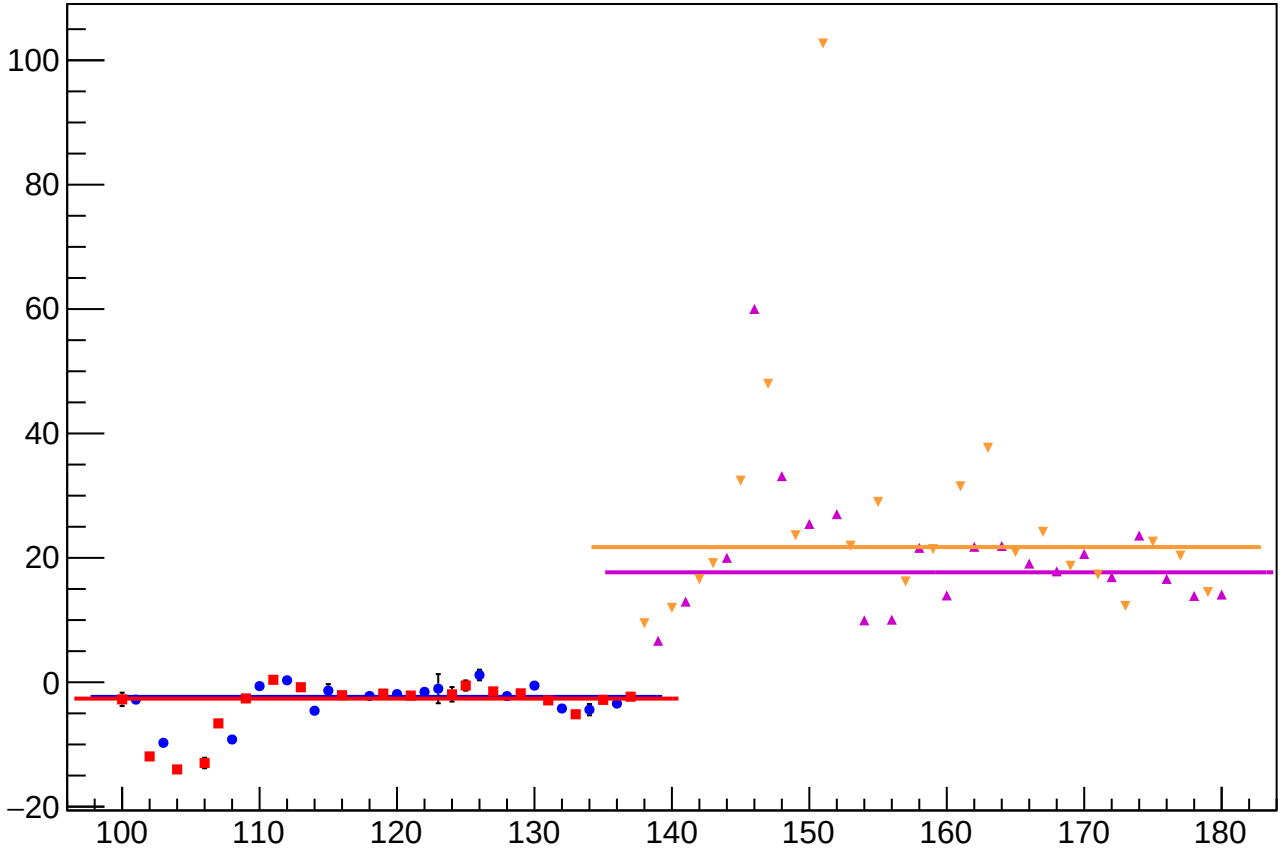
Left In: 0.734+/-0.033 χ^2/NDF:4833.0/20

+ sign 1.316+/-0.032 χ^2/NDF: 5223.0/38

All: 1.053+/-0.021 χ^2/NDF: 11138.2/78

- sign 0.833+/-0.029 χ^2/NDF: 5788.6/39

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 21.734+/-0.047 χ^2/NDF:57601.7/21

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

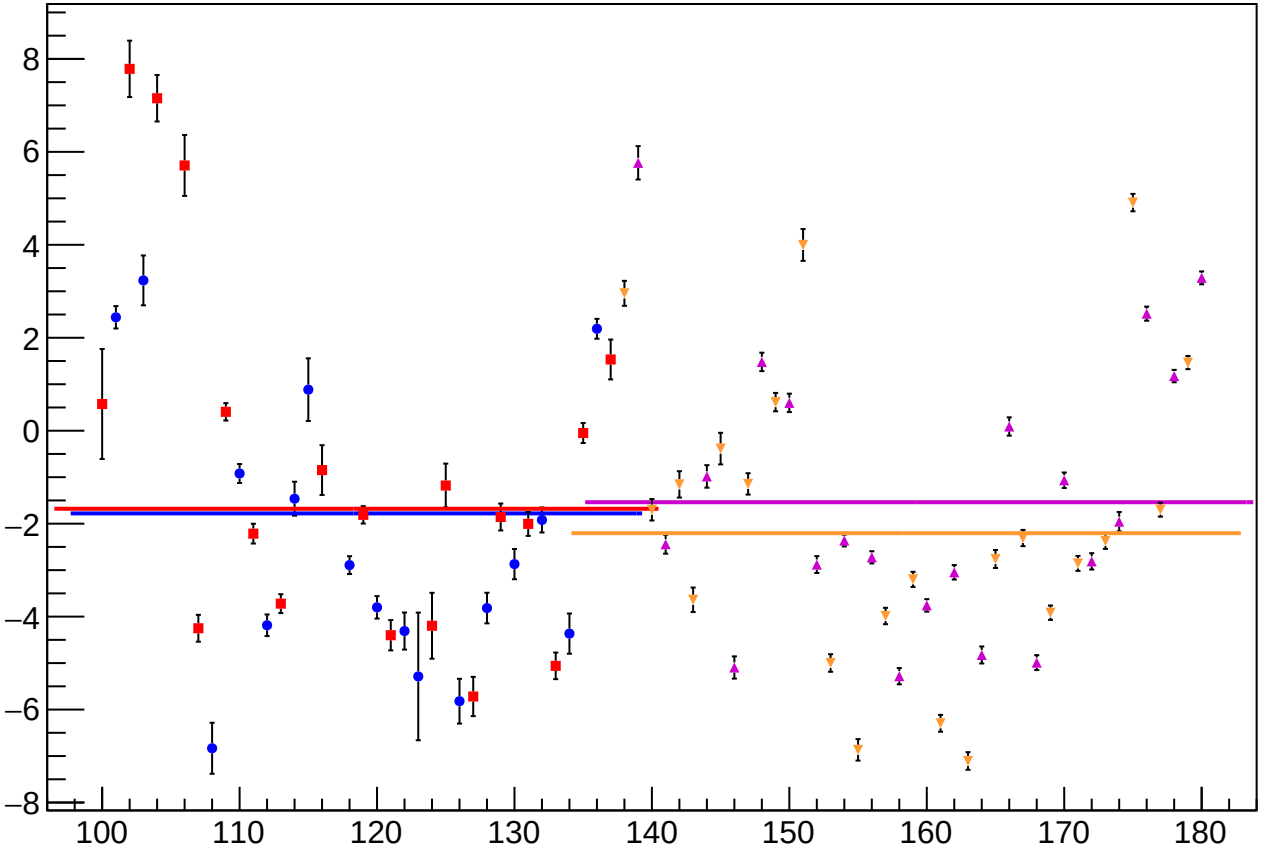
Left In: 17.676+/-0.041 χ^2/NDF:37400.4/20

+ sign 18.257+/-0.043 χ^2/NDF: 96028.5/38

All: 16.351+/-0.029 χ^2/NDF: 171000.6/78

- sign 14.853+/-0.039 χ^2/NDF: 71532.3/39

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -2.204+/-0.041 χ^2/NDF:5213.8/21

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

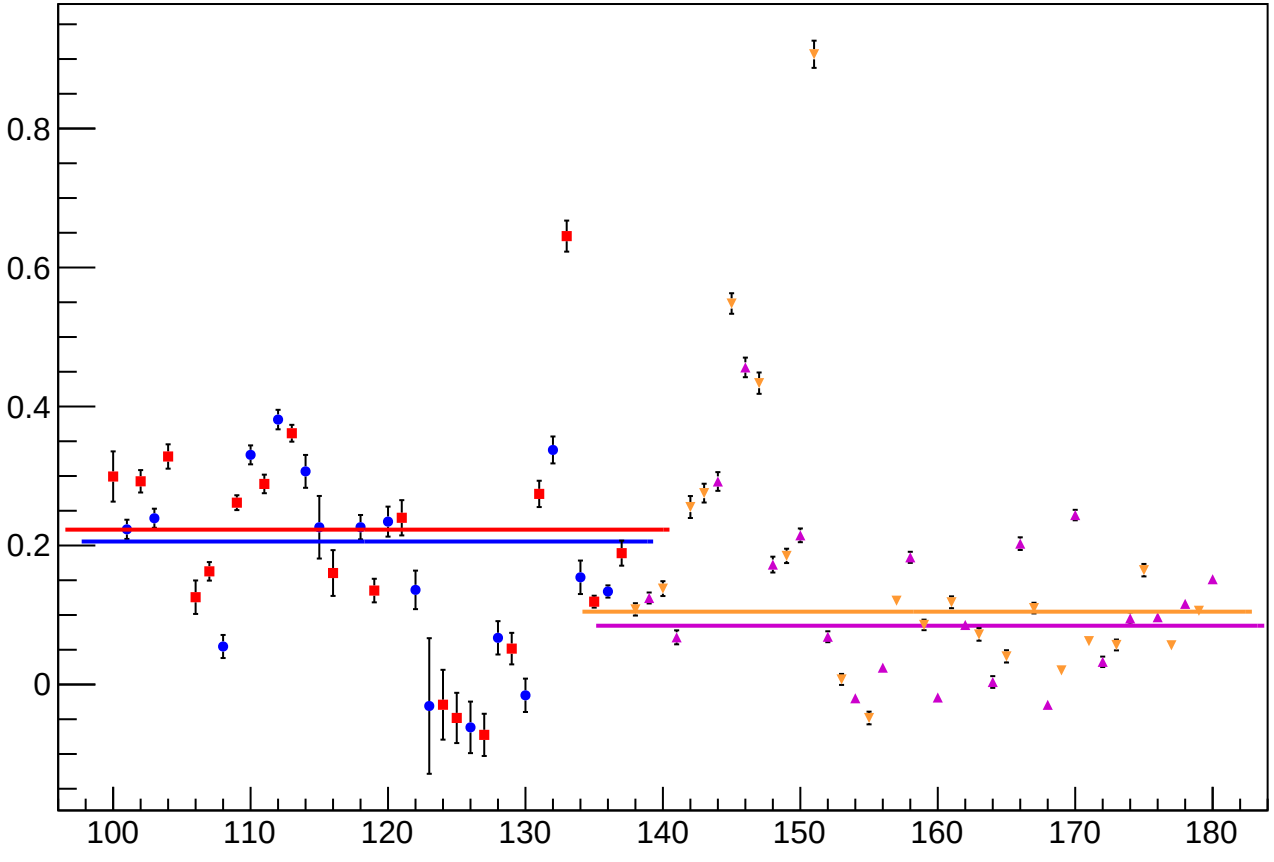
Left In: -1.538+/-0.037 χ^2/NDF:5273.1/20

+ sign -2.100+/-0.036 χ^2/NDF: 6512.0/38

All: -1.810+/-0.024 χ^2/NDF: 13338.6/78

- sign -1.570+/-0.032 χ^2/NDF: 6705.9/39

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.105+/-0.002 χ^2/NDF:4190.4/21

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.085+/-0.002 χ^2/NDF:3386.0/20

+ sign 0.121+/-0.002 χ^2/NDF: 5316.1/38

All: 0.112+/-0.001 χ^2/NDF: 10893.1/78

- sign 0.106+/-0.001 χ^2/NDF: 5531.4/39