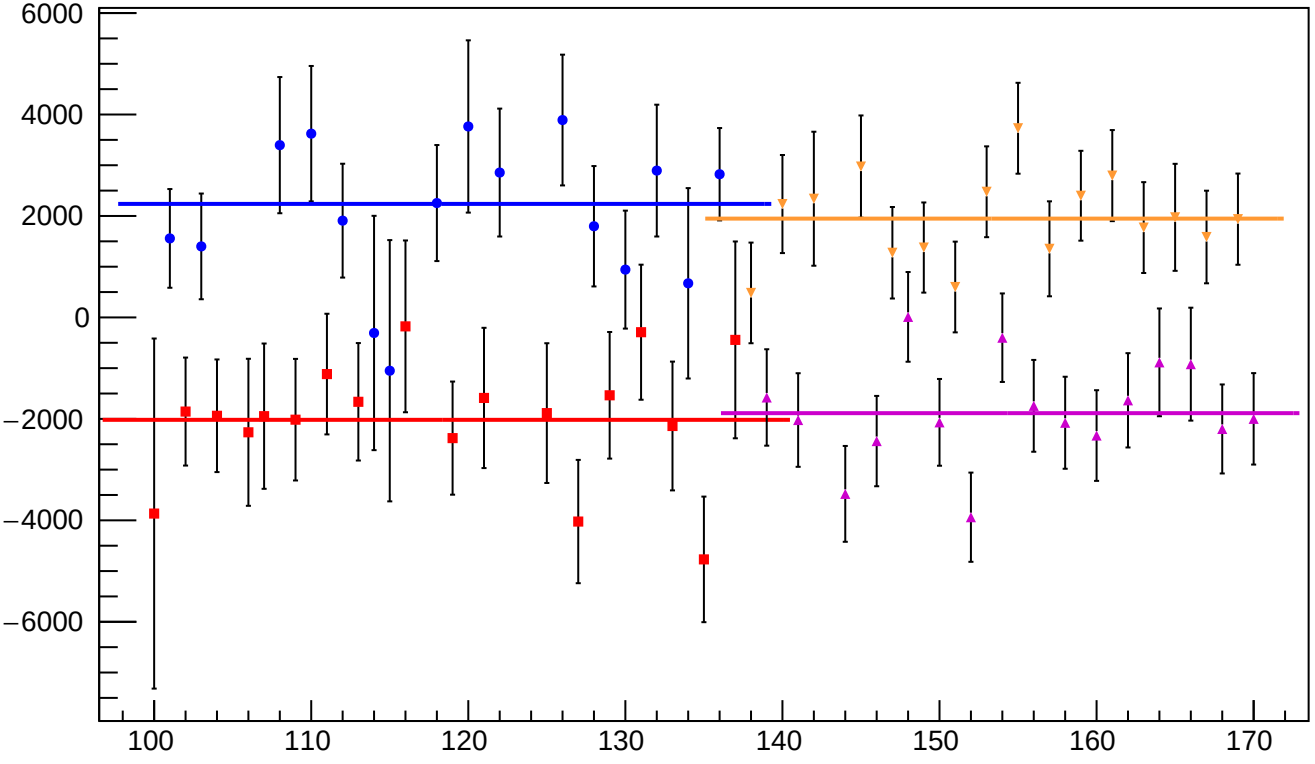
dit_asym_us_avg_mean vs Slug



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

Left Out: 1947.994+/-234.888 χ^2/NDF:12.7/15

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

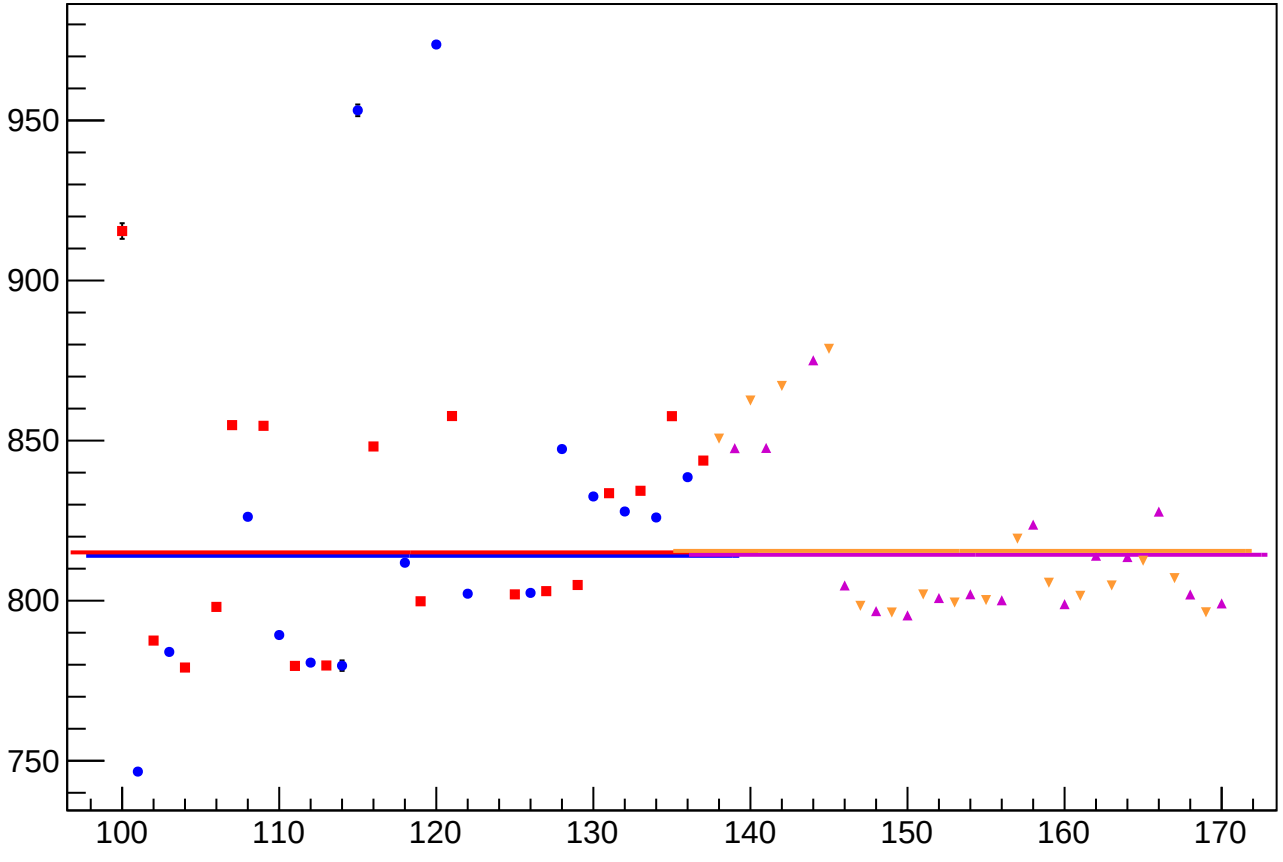
Left In: -1887.138+/-229.499 χ^2/NDF:18.5/15

+ sign 2051.751+/-188.224 χ^2/NDF: 24.6/31

All: 14.794+/-131.614 χ^2/NDF: 284.9/65

- sign -1934.008+/-184.106 χ^2/NDF: 31.2/33

dit_asym_us_avg_rms vs Slug



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

Left Out: 815.549+/-0.166 χ^2/NDF:23642.6/15

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

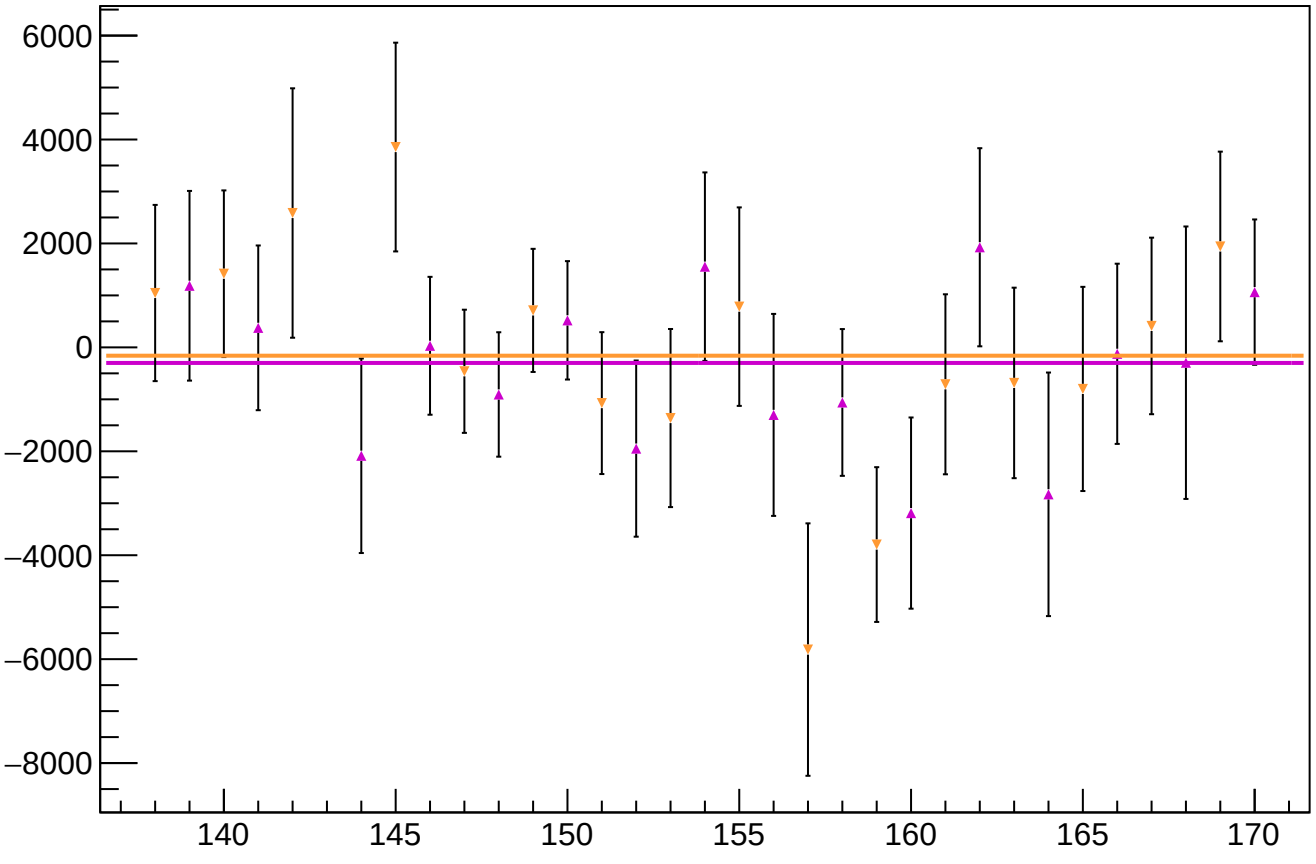
Left In: 814.341+/-0.162 χ^2/NDF:18785.6/15

+ sign 815.002+/-0.133 χ^2/NDF: 65714.6/31

All: 814.800+/-0.093 χ^2/NDF: 104471.5/65

- sign 814.606+/-0.130 χ^2/NDF: 38752.4/33

asym_us_avg_correction_mean vs Slug



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

Left Out: -160.234+/-412.010 χ^2/NDF:21.7/15

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

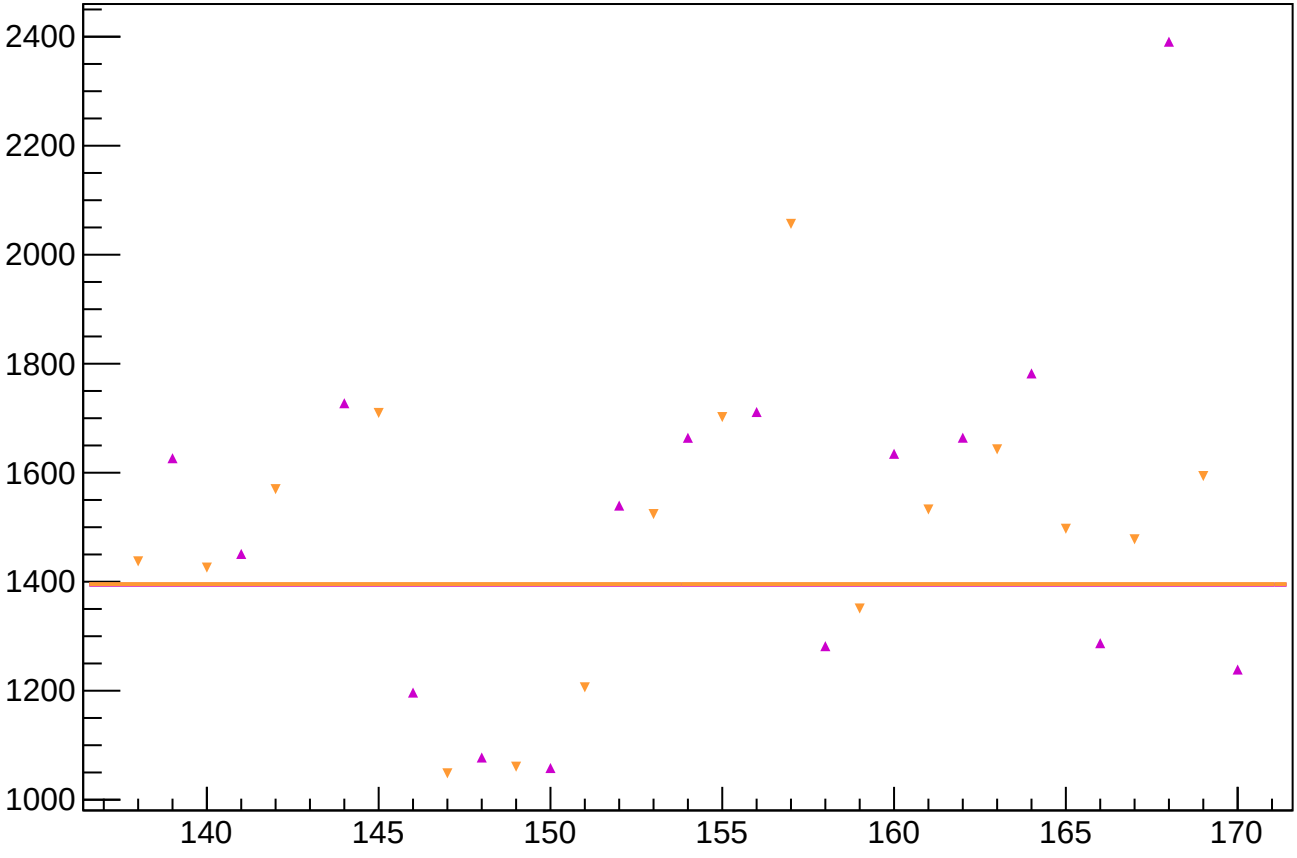
Left In: -299.658+/-402.258 χ^2/NDF:11.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -231.616+/-287.825 χ^2/NDF: 32.8/31

- 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: 1395.620+/-0.291 χ^2/NDF:726589.3/15

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

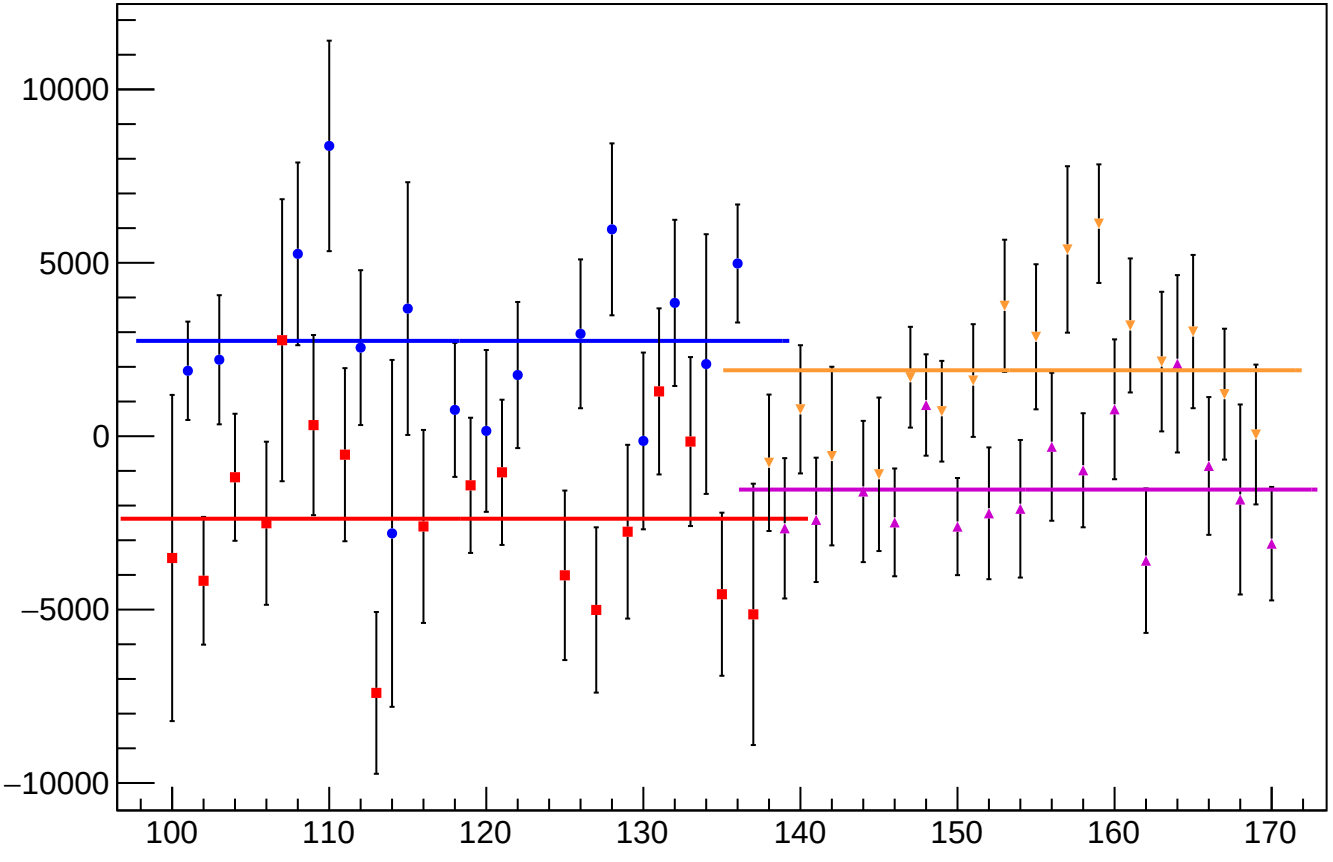
Left In: 1394.496+/-0.284 χ^2/NDF:1032199.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1395.044+/-0.204 χ^2/NDF: 1758796.4/31

- 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: 1901.189+/-471.484 χ^2/NDF:16.8/15

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

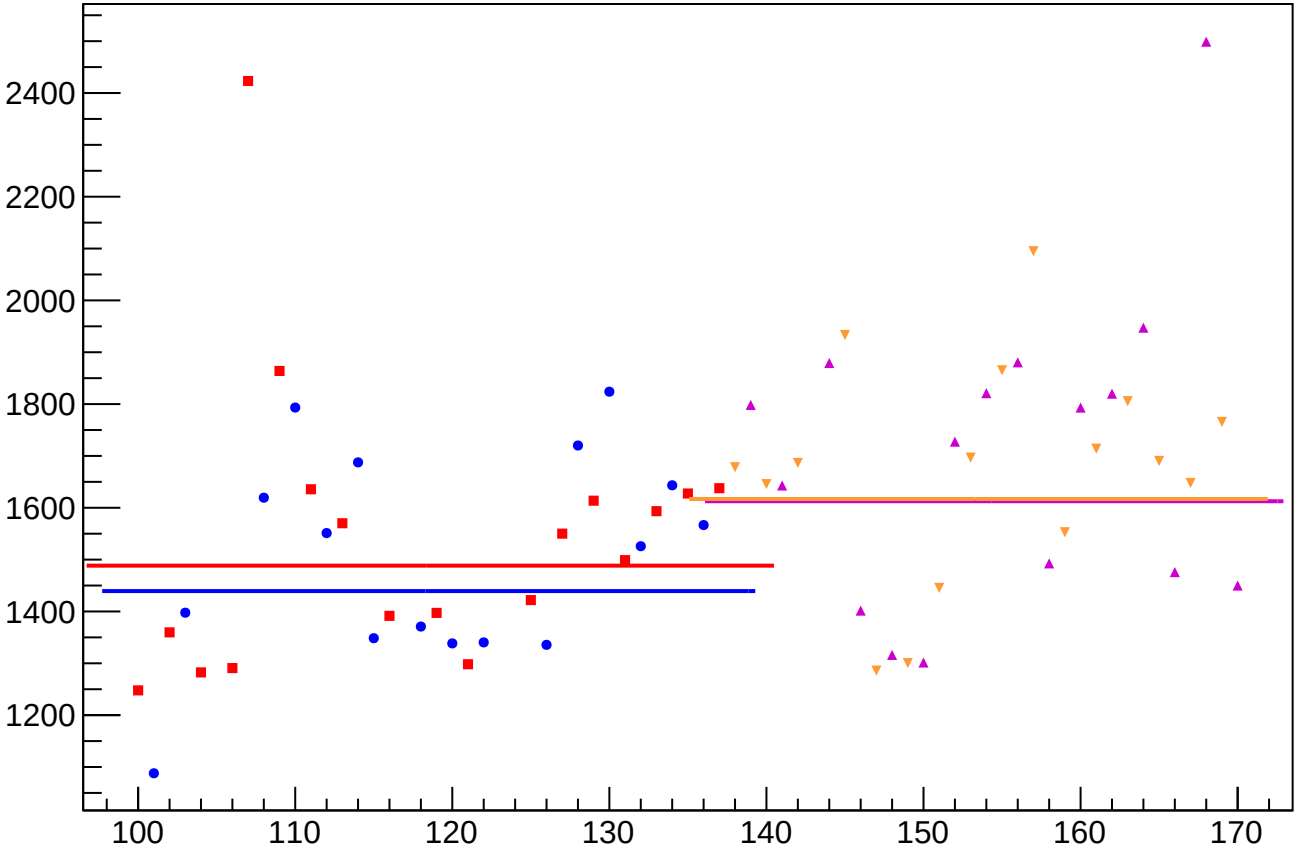
Left In: -1539.216+/-461.348 χ^2/NDF:10.3/15

+ sign 2250.624+/-361.456 χ^2/NDF: 31.6/31

All: 171.245+/-254.482 χ^2/NDF: 125.1/65

- sign -1872.515+/-358.347 χ^2/NDF: 27.8/33

asym_us_avg_rms vs Slug



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

Left Out: 1616.960+/-0.333 χ^2/NDF:415769.8/15

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

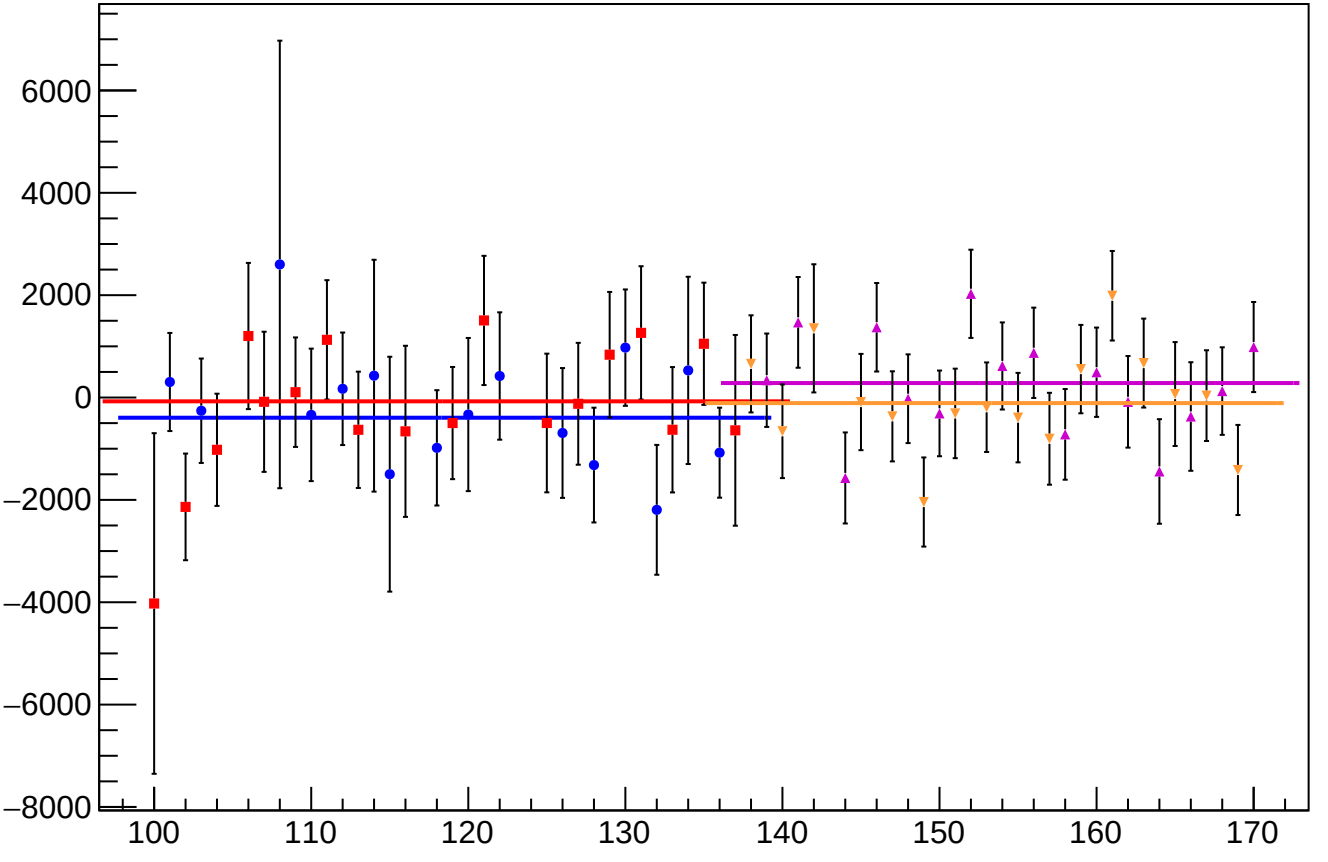
Left In: 1612.594+/-0.326 χ^2/NDF:649758.9/15

+ sign 1543.729+/-0.256 χ^2/NDF: 810661.8/31

All: 1553.611+/-0.180 χ^2/NDF: 1777216.8/65

- sign 1563.323+/-0.253 χ^2/NDF: 963591.1/33

dit_asym_us_dd_mean vs Slug



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

Left Out: -108.680+/-227.341 χ^2/NDF:17.6/15

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

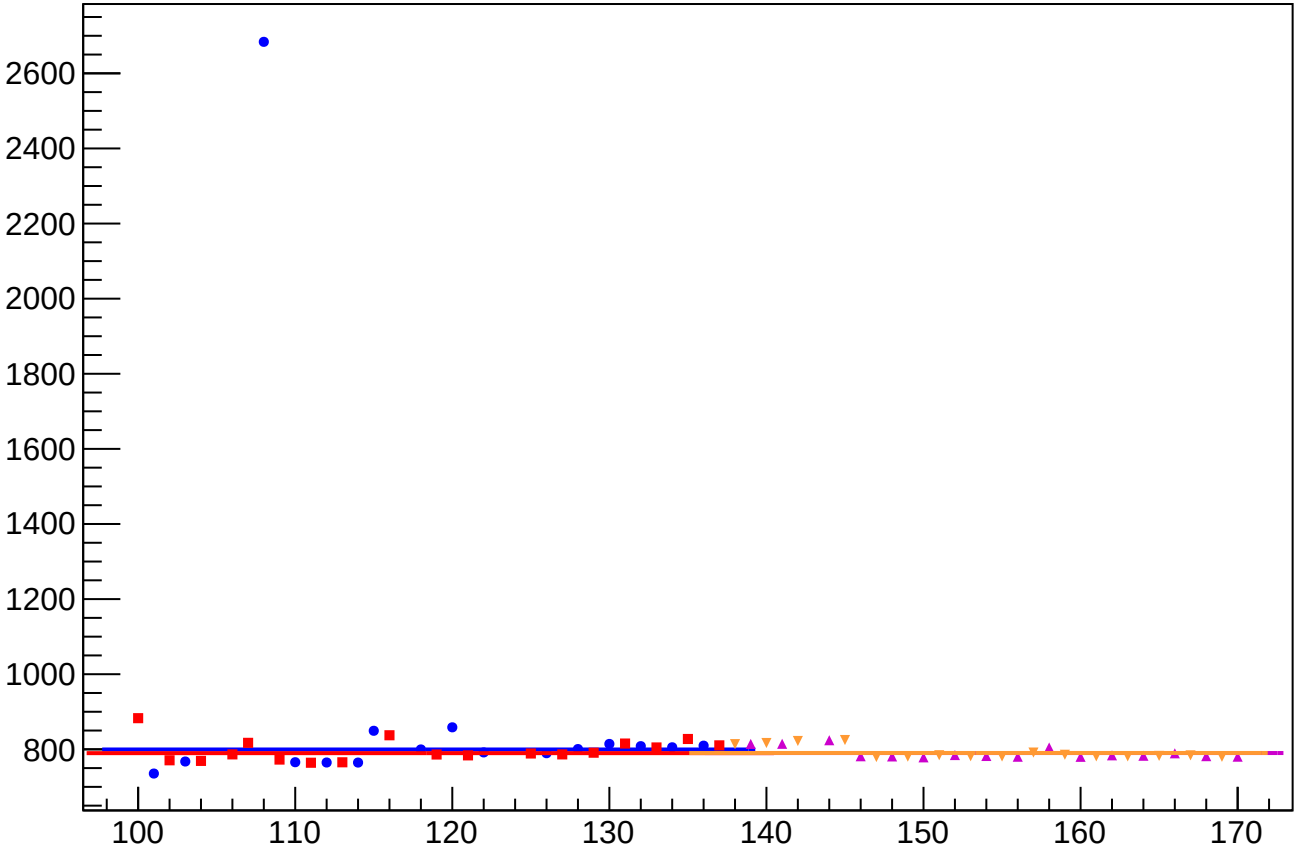
Left In: 283.157+/-222.589 χ^2/NDF:18.5/15

+ sign -207.271+/-183.977 χ^2/NDF: 25.5/31

All: -20.390+/-128.081 χ^2/NDF: 59.9/65

- sign 155.368+/-178.418 χ^2/NDF: 32.3/33

dit_asym_us_dd_rms vs Slug



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

Left Out: 790.281+/-0.161 χ^2/NDF:8987.0/15

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

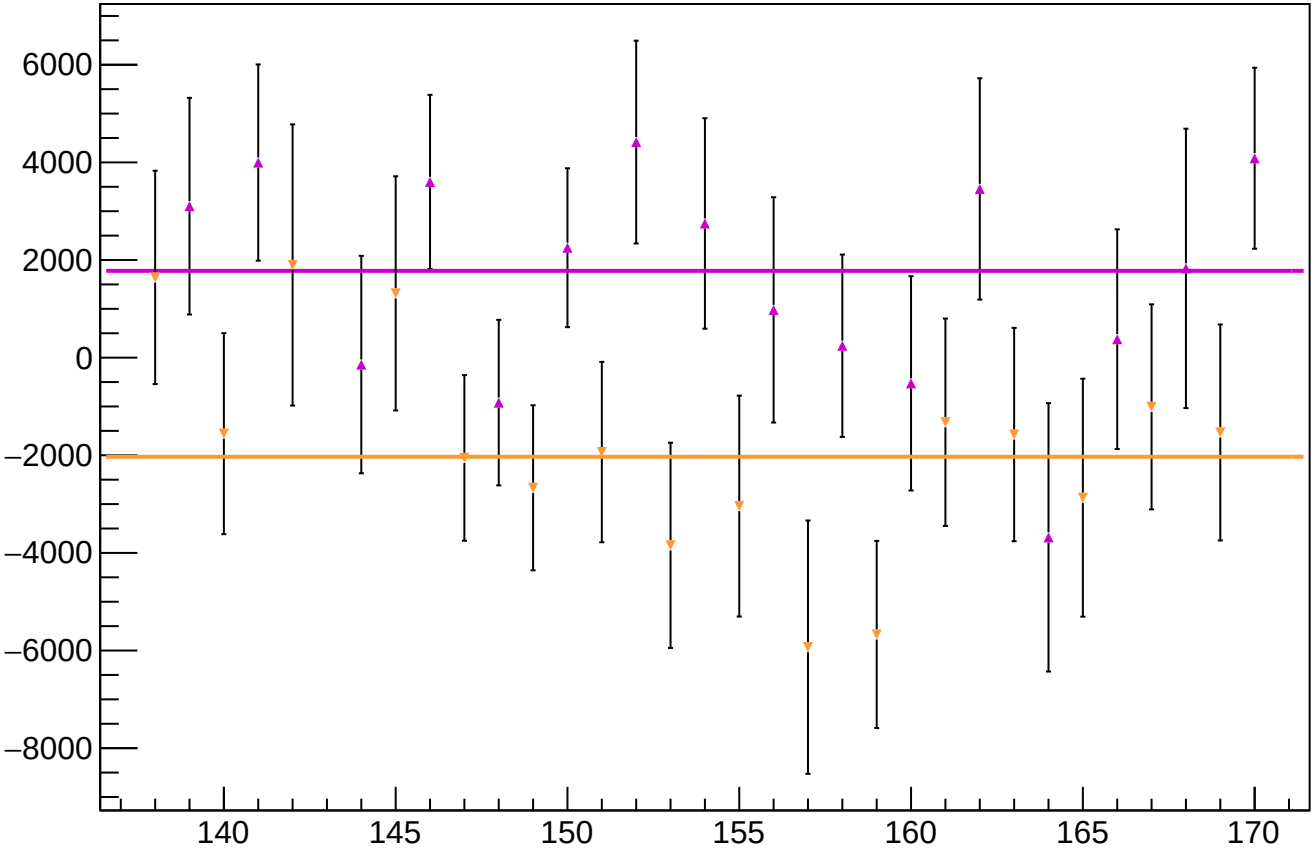
Left In: 790.103+/-0.157 χ^2/NDF:8622.4/15

+ sign 793.475+/-0.130 χ^2/NDF: 401317.2/31

All: 791.680+/-0.091 χ^2/NDF: 421485.3/65

- sign 789.992+/-0.126 χ^2/NDF: 19798.7/33

asym_us_dd_correction_mean vs Slug



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

Left Out: -2030.135+/-526.873 χ^2/NDF:14.2/15

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

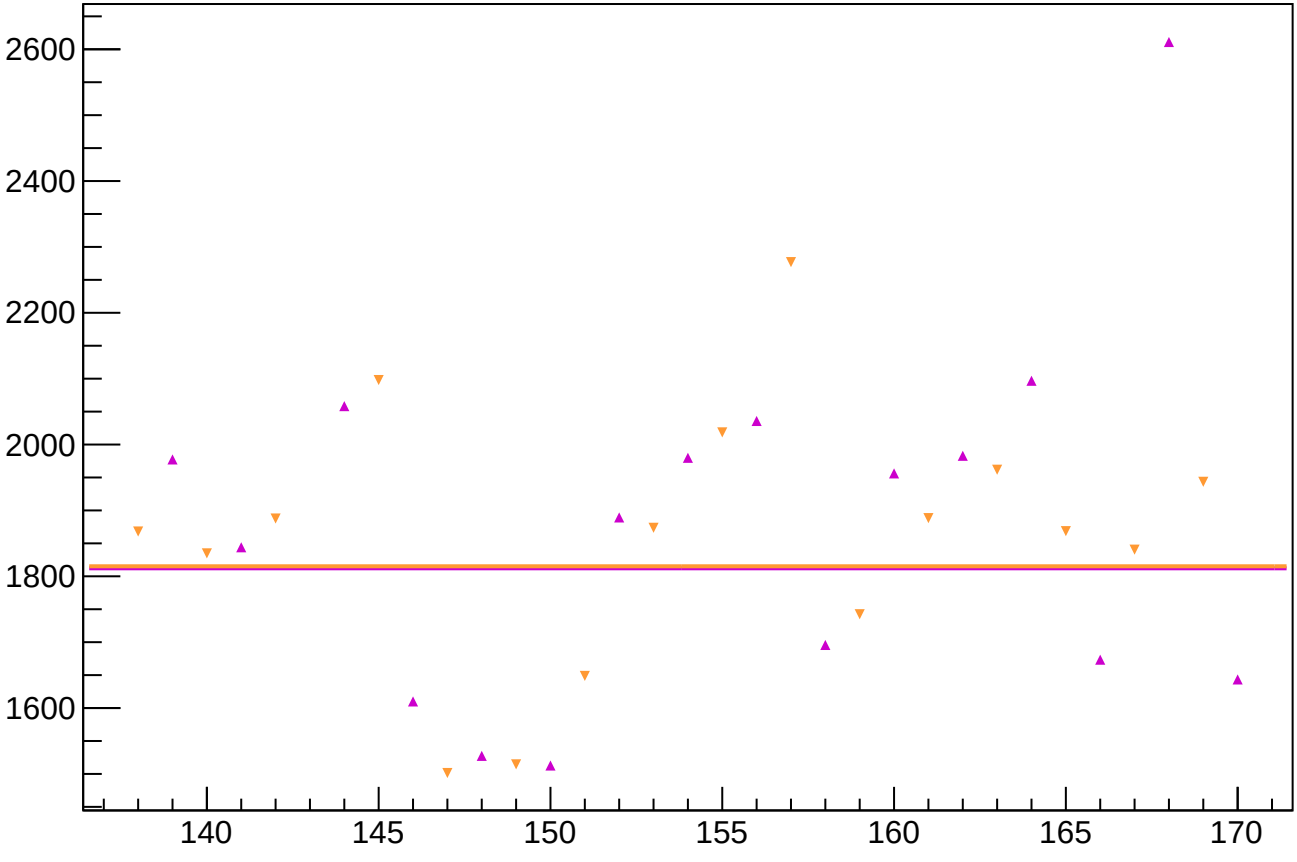
Left In: 1778.705+/-515.840 χ^2/NDF:16.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -85.416+/-368.593 χ^2/NDF: 57.0/31

- 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: 1815.210+/-0.373 χ^2/NDF:281558.6/15

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

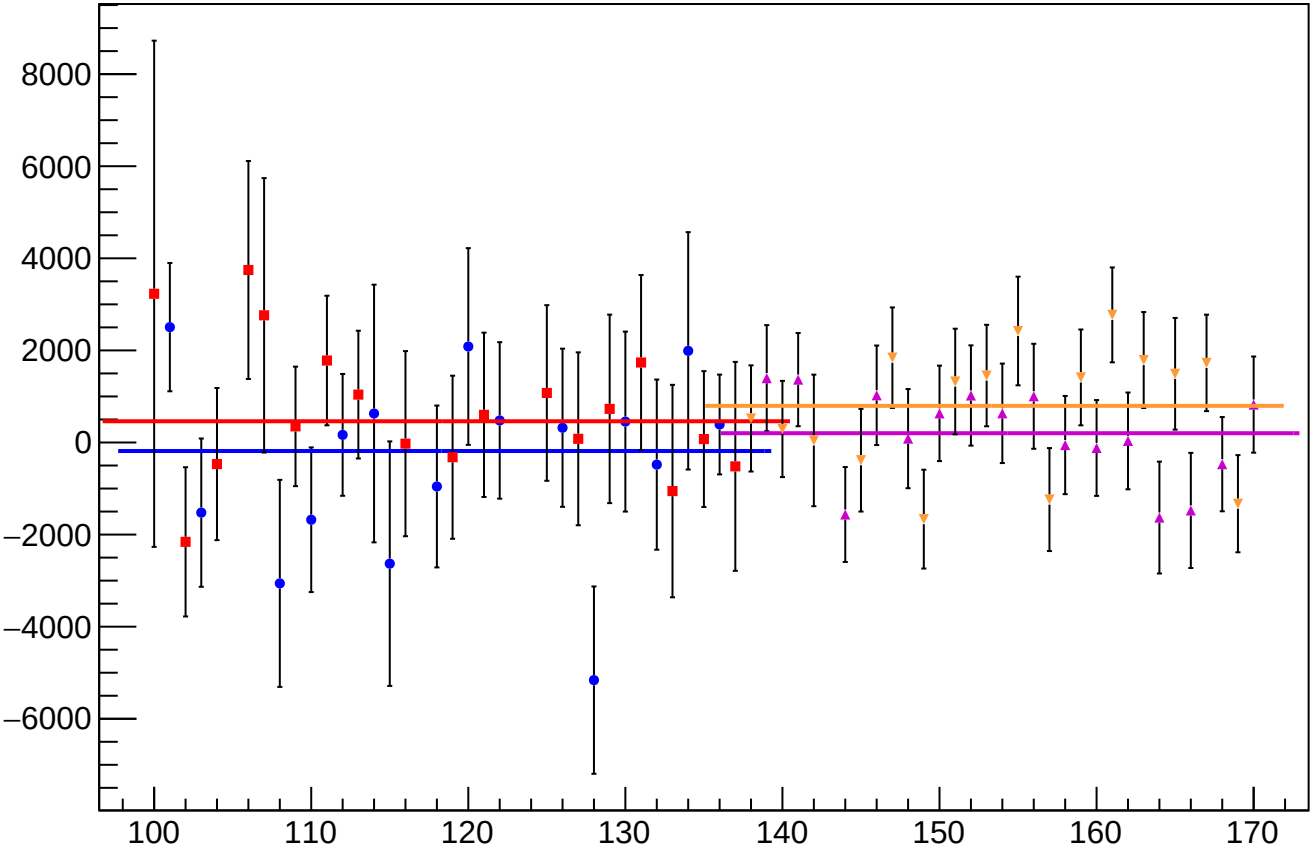
Left In: 1812.132+/-0.365 χ^2/NDF:448649.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1813.639+/-0.261 χ^2/NDF: 730243.0/31

- 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: 796.117+/-276.835 χ^2/NDF:23.8/15

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

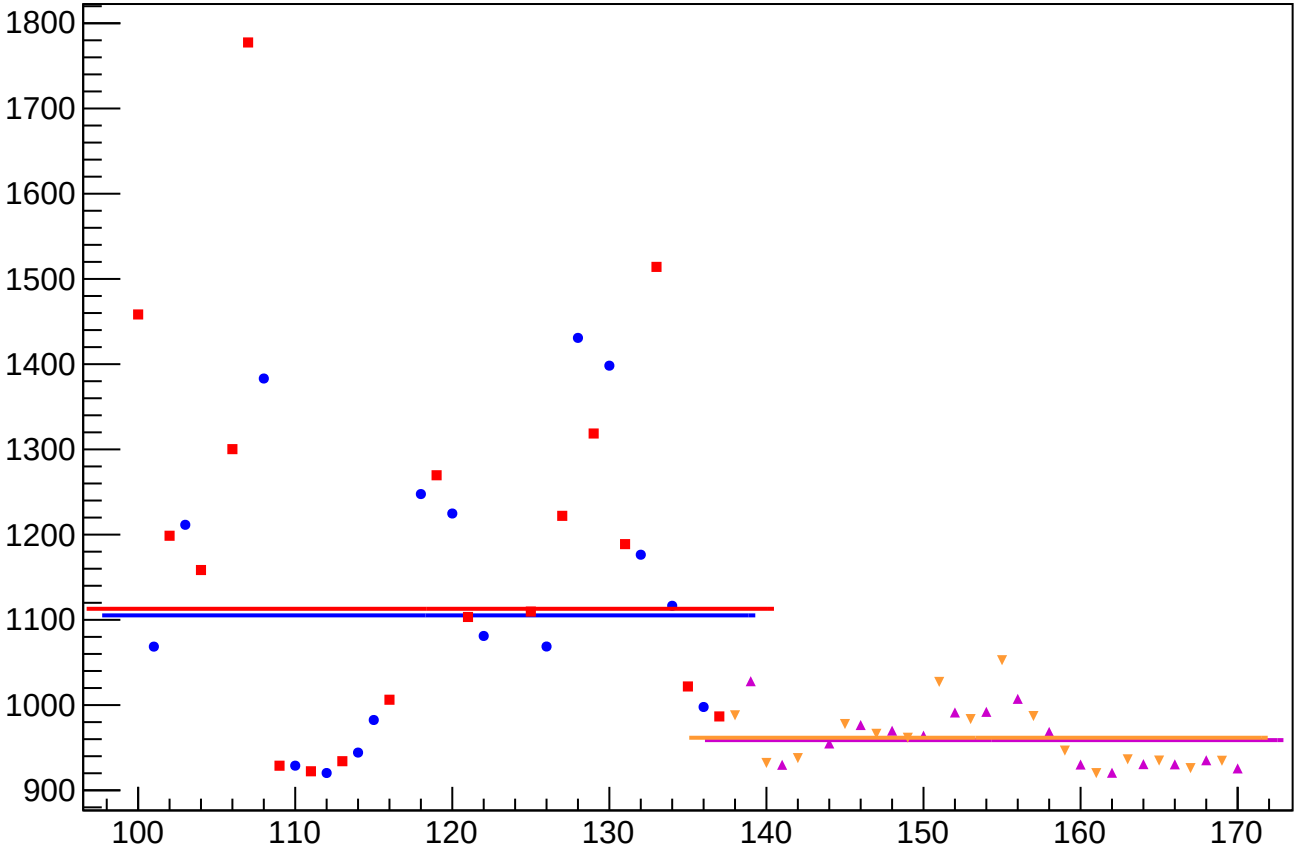
Left In: 201.648+/-270.290 χ^2/NDF:12.4/15

+ sign 510.016+/-233.003 χ^2/NDF: 44.1/31

All: 390.623+/-163.095 χ^2/NDF: 65.5/65

- sign 275.932+/-228.369 χ^2/NDF: 20.9/33

asym_us_dd_rms vs Slug



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

Left Out: 961.672+/-0.196 χ^2/NDF:33346.7/15

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

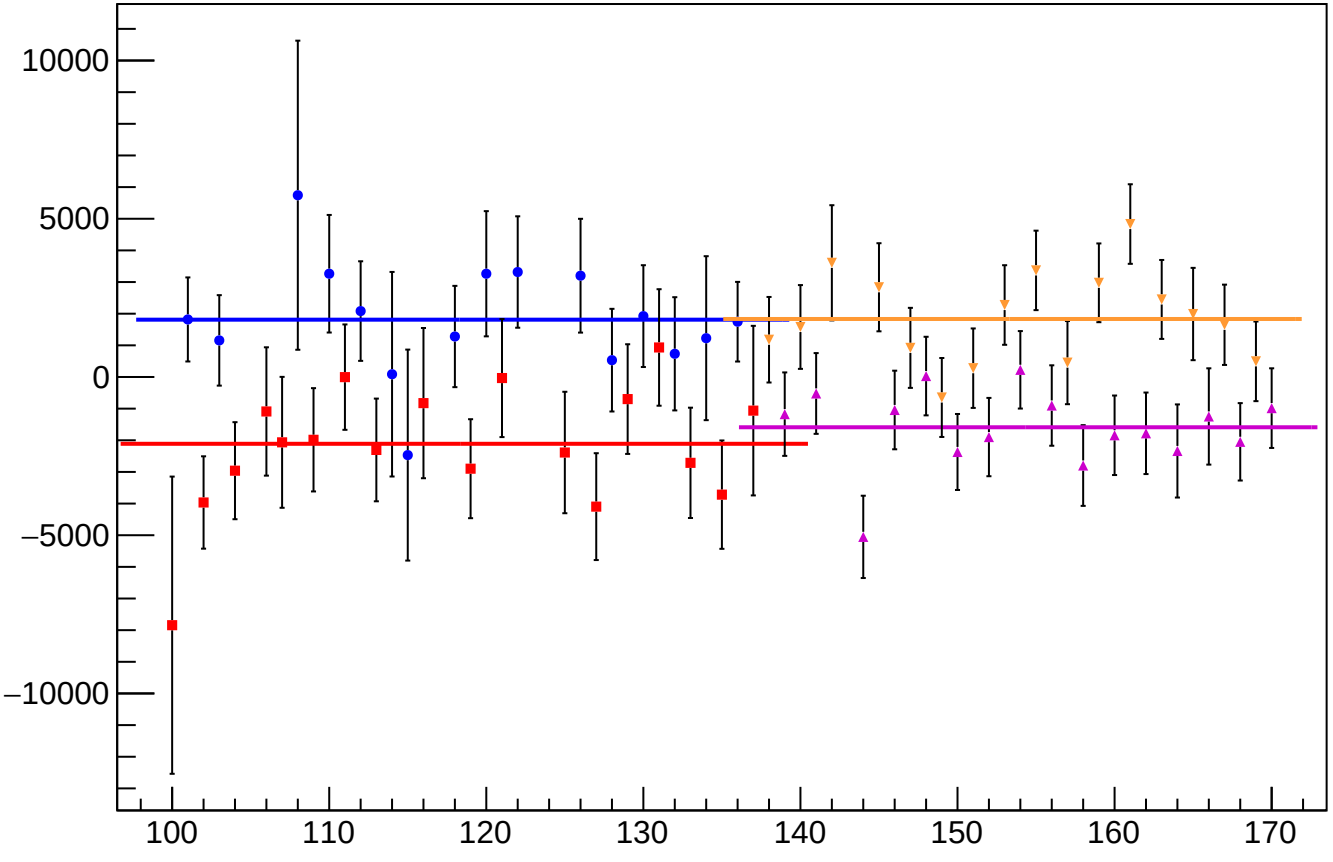
Left In: 958.883+/-0.191 χ^2/NDF:26468.9/15

+ sign 1003.534+/-0.165 χ^2/NDF: 445550.5/31

All: 1003.249+/-0.115 χ^2/NDF: 1021017.0/65

- sign 1002.974+/-0.161 χ^2/NDF: 575460.7/33

dit_asym_usl_mean vs Slug



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

Left Out: 1833.025+/-327.402 χ^2/NDF:18.4/15

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

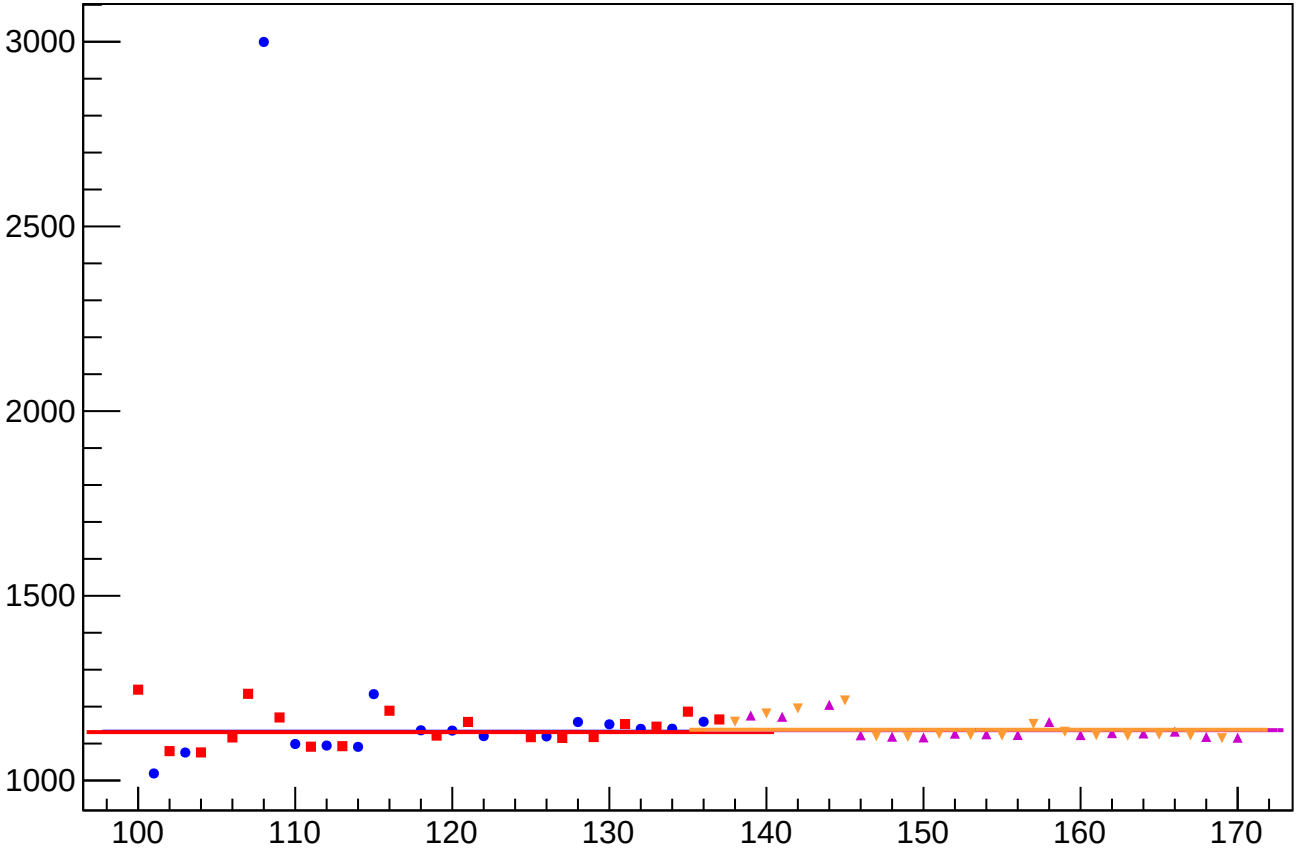
Left In: -1588.694+/-320.150 χ^2/NDF:14.4/15

+ sign 1825.244+/-263.118 χ^2/NDF: 24.9/31

All: -22.815+/-183.592 χ^2/NDF: 149.4/65

- sign -1776.270+/-256.295 χ^2/NDF: 28.4/33

dit_asym_usl_rms vs Slug



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

Left Out: 1137.421+/-0.232 χ^2/NDF:14956.8/15

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

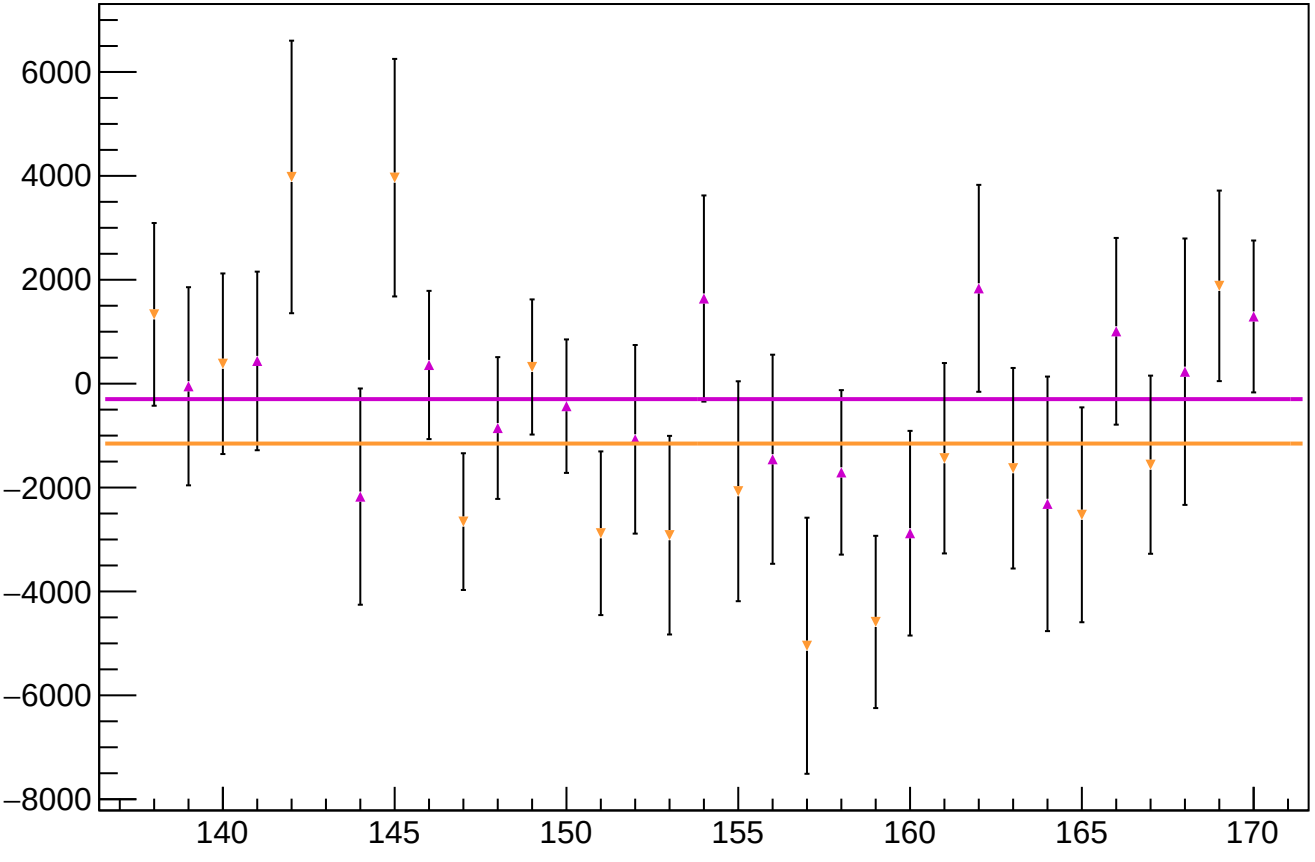
Left In: 1136.234+/-0.226 χ^2/NDF:12623.9/15

+ sign 1135.528+/-0.186 χ^2/NDF: 331172.0/31

All: 1134.929+/-0.130 χ^2/NDF: 363726.0/65

- sign 1134.360+/-0.181 χ^2/NDF: 32533.8/33

asym_usl_correction_mean vs Slug



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

Left Out: -1153.184+/-446.135 χ^2/NDF:26.6/15

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

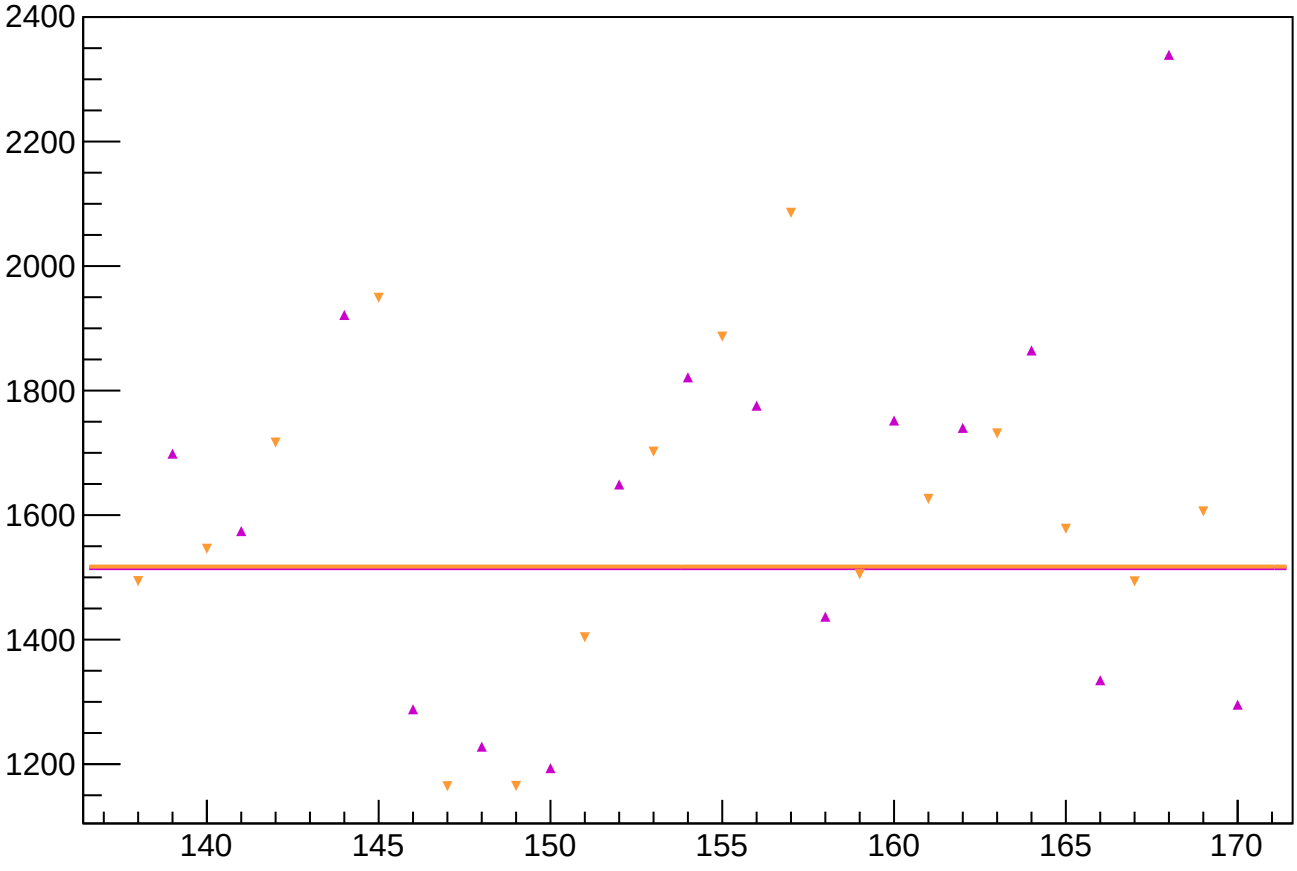
Left In: -297.776+/-434.912 χ^2/NDF:9.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -714.586+/-311.421 χ^2/NDF: 37.4/31

- 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: 1517.323+/-0.315 χ^2/NDF:608822.9/15

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

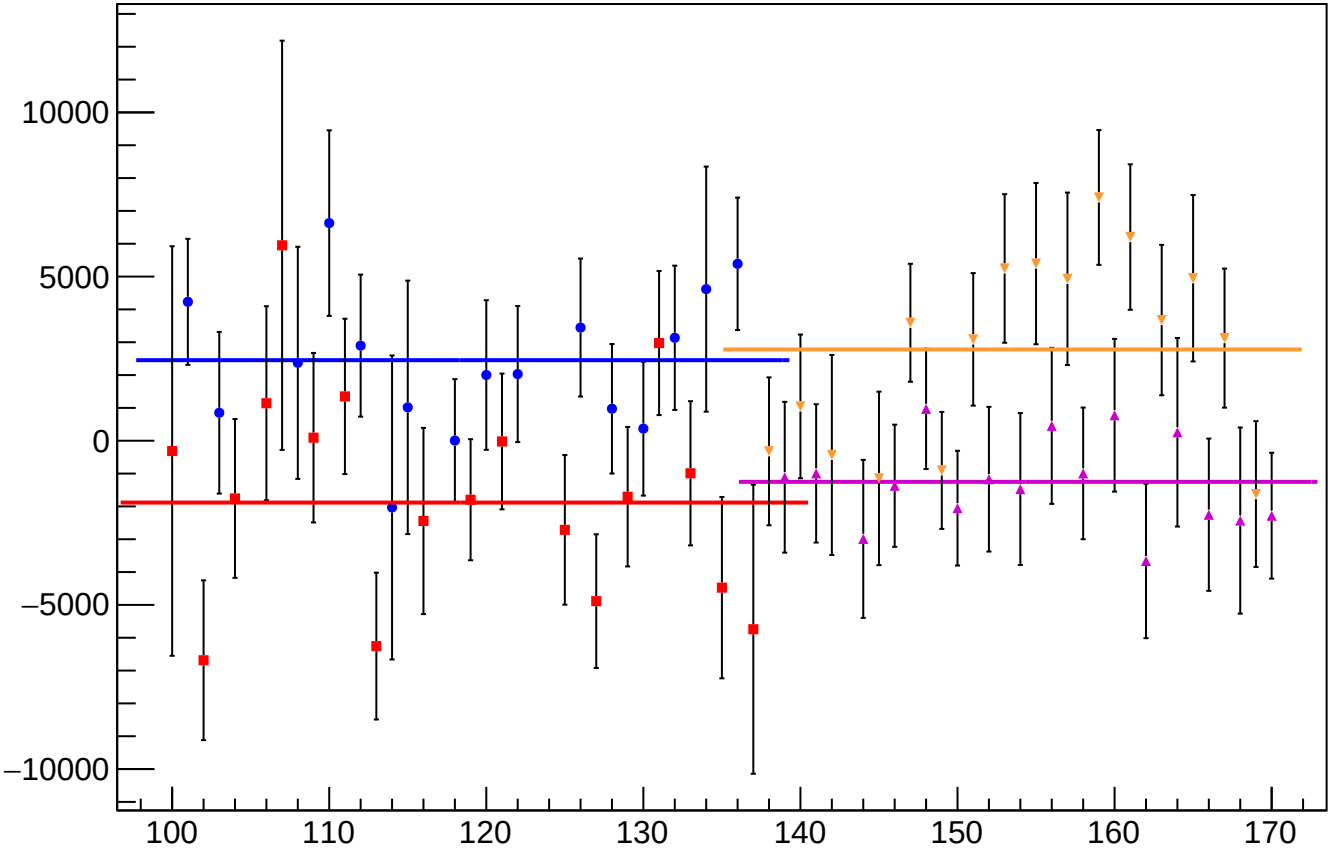
Left In: 1514.791+/-0.308 χ^2/NDF:825395.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1516.025+/-0.220 χ^2/NDF: 1434251.3/31

- 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: 2779.831+/-555.033 χ^2/NDF:25.7/15

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

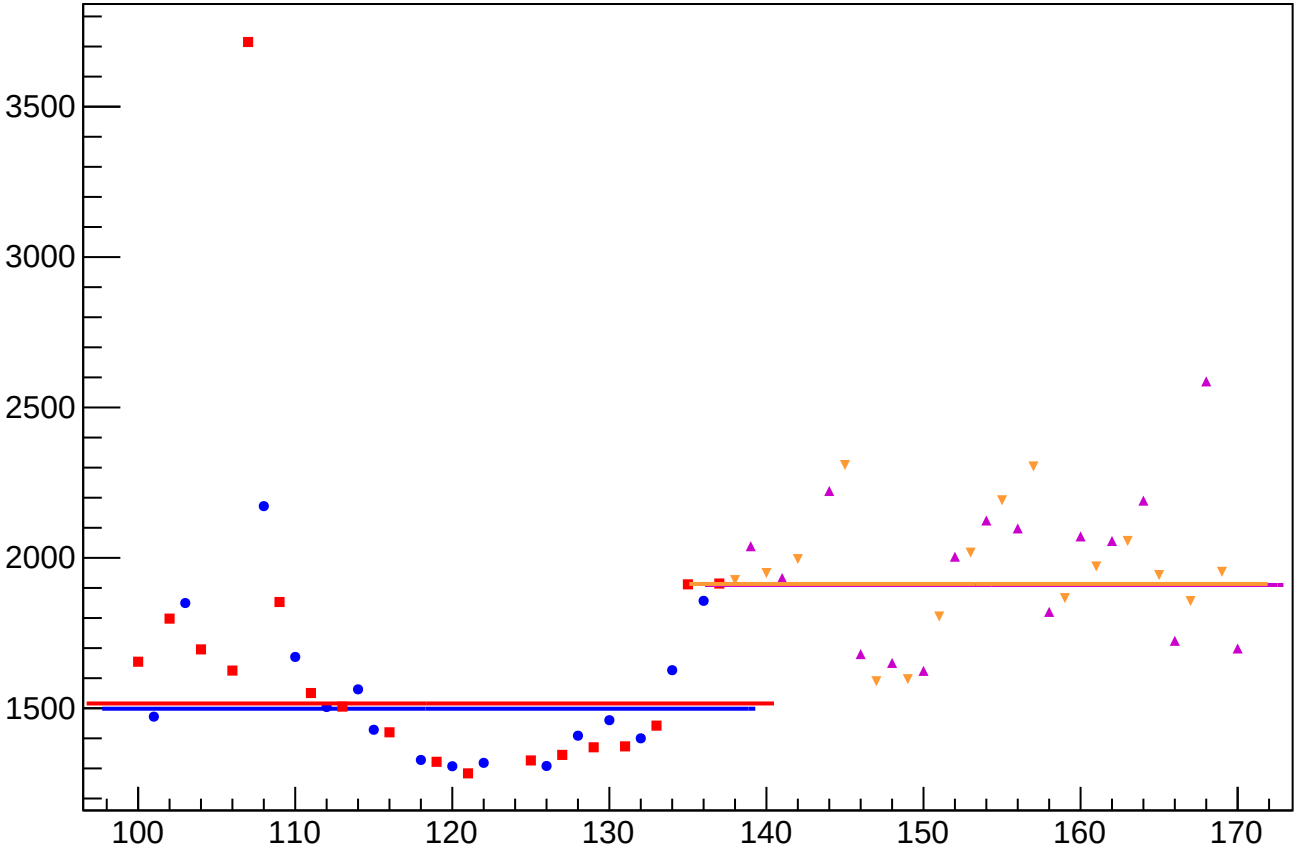
Left In: -1252.359+/-543.122 χ^2/NDF:5.5/15

+ sign 2625.125+/-402.419 χ^2/NDF: 36.6/31

All: 514.107+/-282.782 χ^2/NDF: 119.8/65

- sign -1545.160+/-397.455 χ^2/NDF: 28.9/33

asym_usl_rms vs Slug



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

Left Out: 1913.305+/-0.392 χ^2/NDF:267289.7/15

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

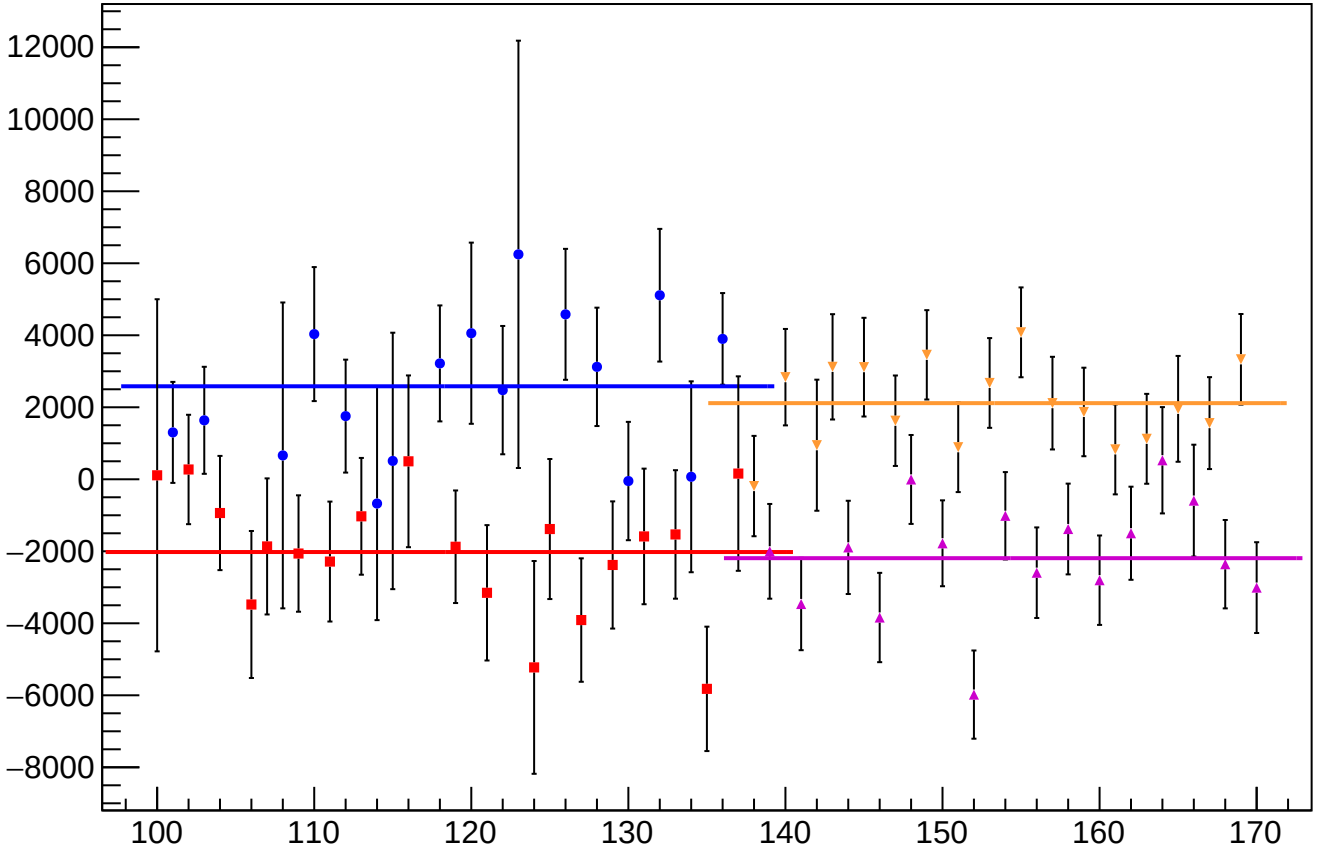
Left In: 1909.834+/-0.384 χ^2/NDF:389045.3/15

+ sign 1716.546+/-0.285 χ^2/NDF: 1055989.6/31

All: 1721.780+/-0.200 χ^2/NDF: 2414824.7/65

- sign 1726.886+/-0.281 χ^2/NDF: 1358166.8/33

dit_asym_usr_mean vs Slug



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

Left Out: 2114.782+/-318.766 χ^2/NDF:12.3/16

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

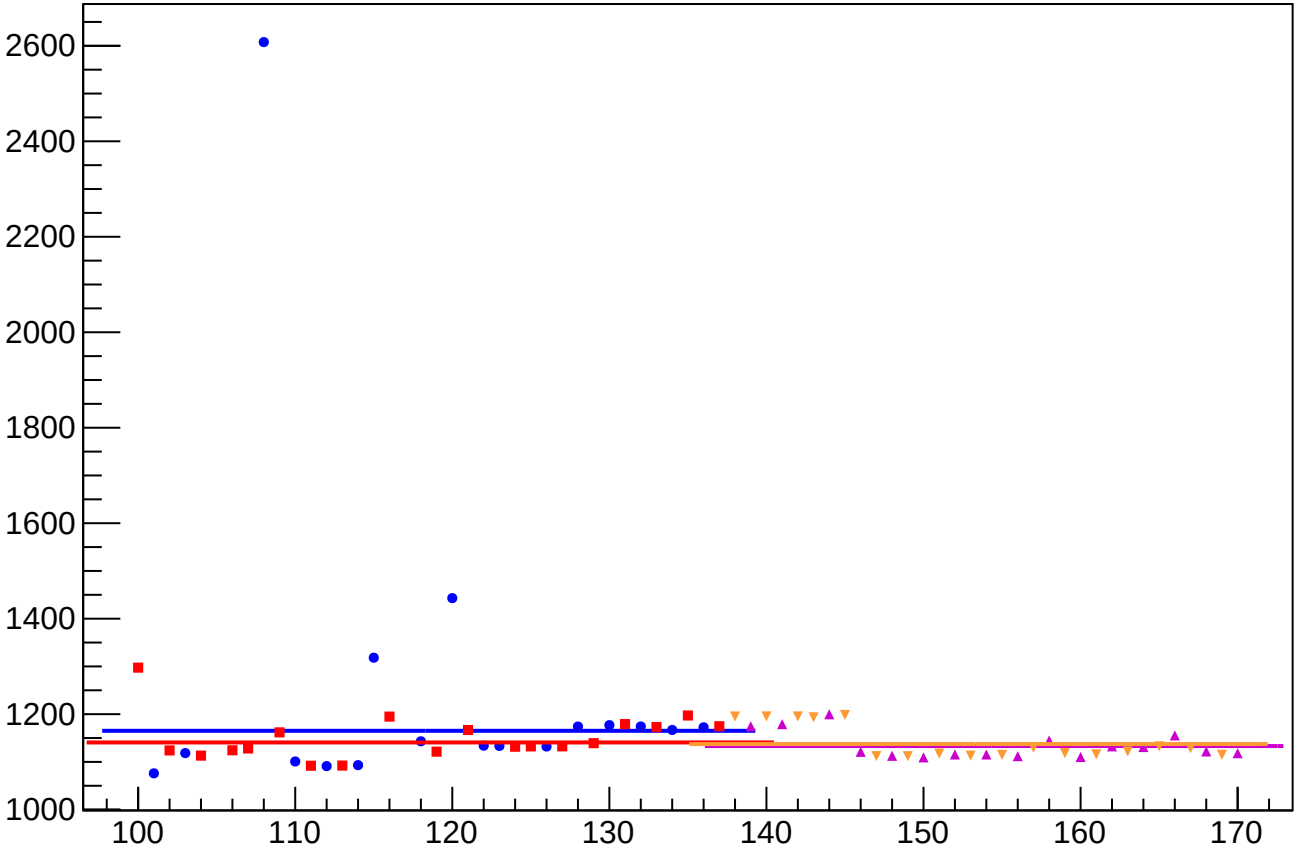
Left In: -2191.445+/-319.309 χ^2/NDF:22.5/15

+ sign 2269.753+/-260.729 χ^2/NDF: 25.3/33

All: 26.645+/-182.547 χ^2/NDF: 206.6/68

- sign -2130.176+/-255.665 χ^2/NDF: 36.1/34

dit_asym_usr_rms vs Slug



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

Left Out: 1137.373+/-0.225 χ^2/NDF:21852.2/16

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

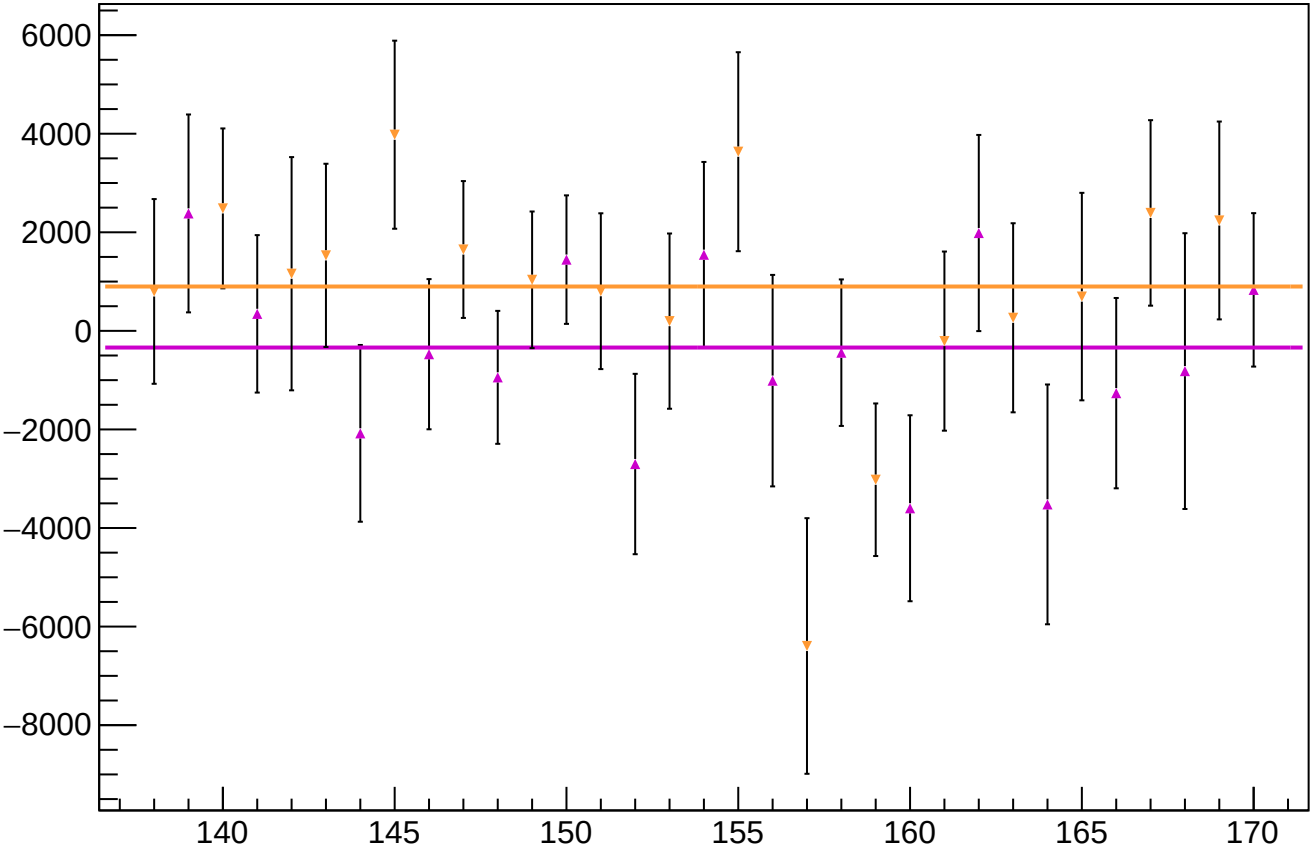
Left In: 1133.205+/-0.226 χ^2/NDF:14491.9/15

+ sign 1146.565+/-0.184 χ^2/NDF: 305447.6/33

All: 1141.135+/-0.129 χ^2/NDF: 334759.8/68

- sign 1135.914+/-0.181 χ^2/NDF: 27610.5/34

asym_usr_correction_mean vs Slug



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

Left Out: 899.825+/-434.145 χ^2/NDF:21.9/16

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

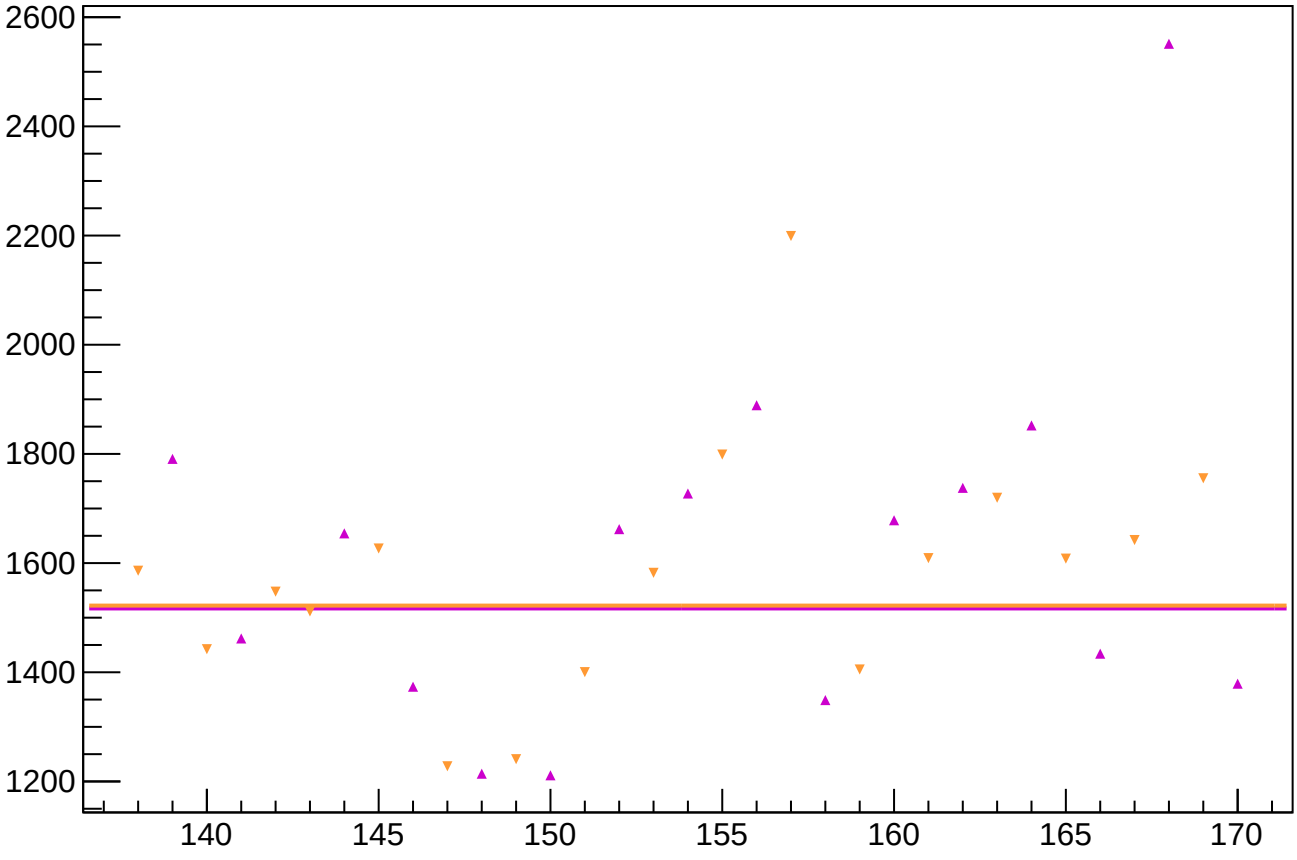
Left In: -338.512+/-435.148 χ^2/NDF:14.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 282.085+/-307.341 χ^2/NDF: 40.6/32

- 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: 1522.139+/-0.307 χ^2/NDF:449563.3/16

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

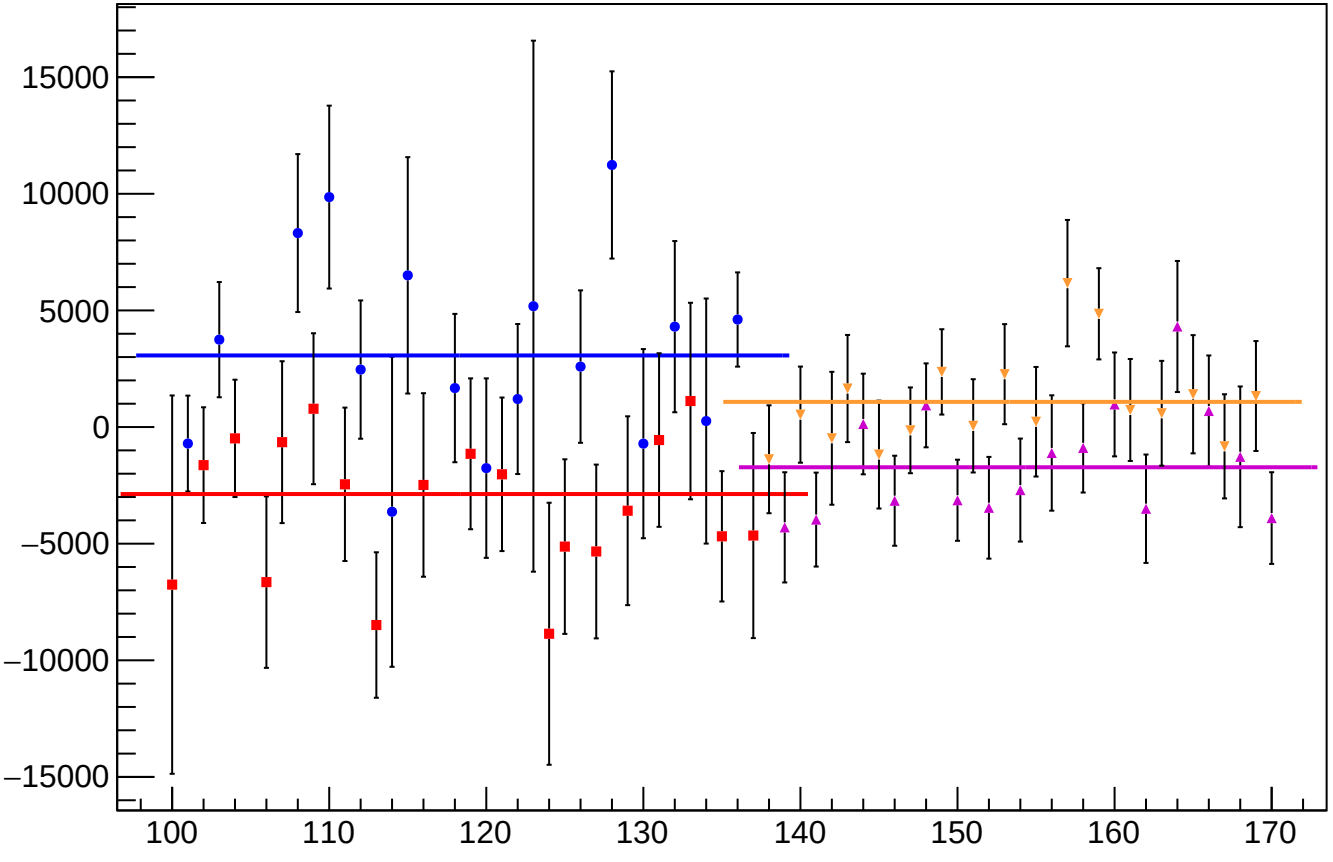
Left In: 1516.907+/-0.308 χ^2/NDF:773137.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1519.529+/-0.217 χ^2/NDF: 1222845.7/32

- 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: 1079.238+/-534.013 χ^2/NDF:12.2/16

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

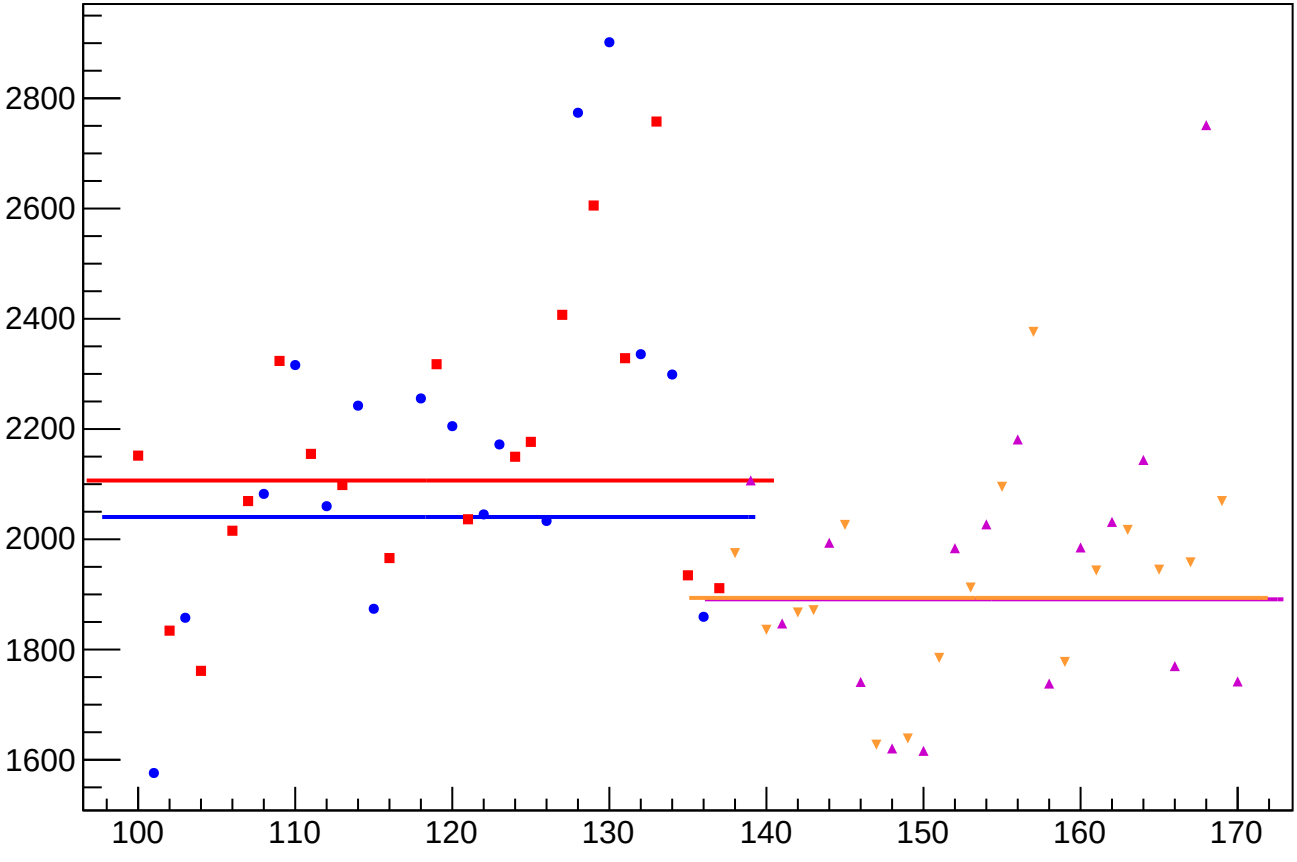
Left In: -1723.848+/-537.646 χ^2/NDF:16.6/15

+ sign 1695.104+/-443.764 χ^2/NDF: 35.1/33

All: -187.464+/-314.374 χ^2/NDF: 100.8/68

- sign -2084.144+/-445.424 χ^2/NDF: 29.6/34

asym_usr_rms vs Slug



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

Left Out: 1893.671+/-0.378 χ^2/NDF:203719.2/16

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

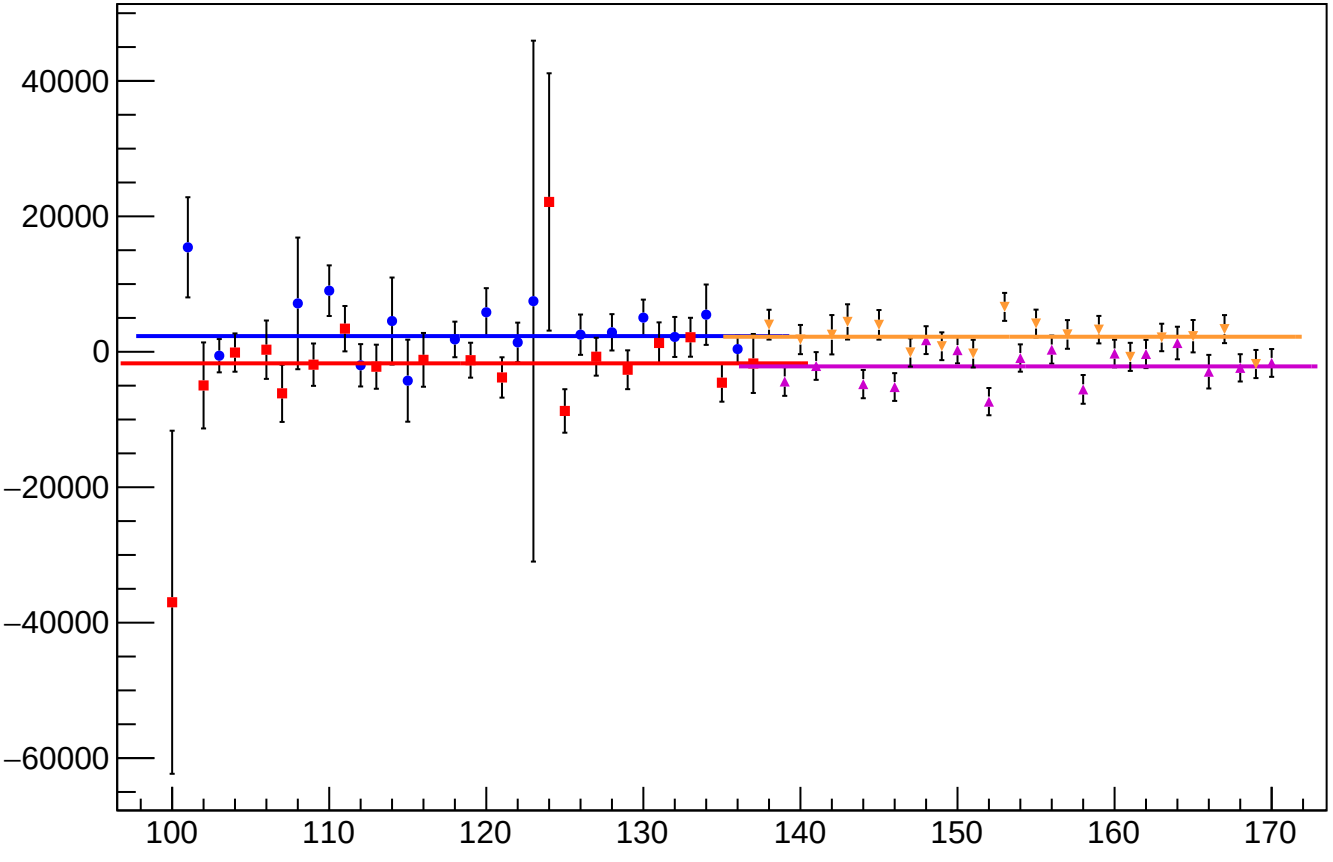
Left In: 1891.112+/-0.380 χ^2/NDF:387326.0/15

+ sign 1939.085+/-0.314 χ^2/NDF: 581804.4/33

All: 1948.858+/-0.222 χ^2/NDF: 1267280.2/68

- sign 1958.704+/-0.315 χ^2/NDF: 683528.4/34

dit_asym_at1_avg_mean vs Slug



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

Left Out: 2222.804+/-523.023 χ^2/NDF:17.1/16

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

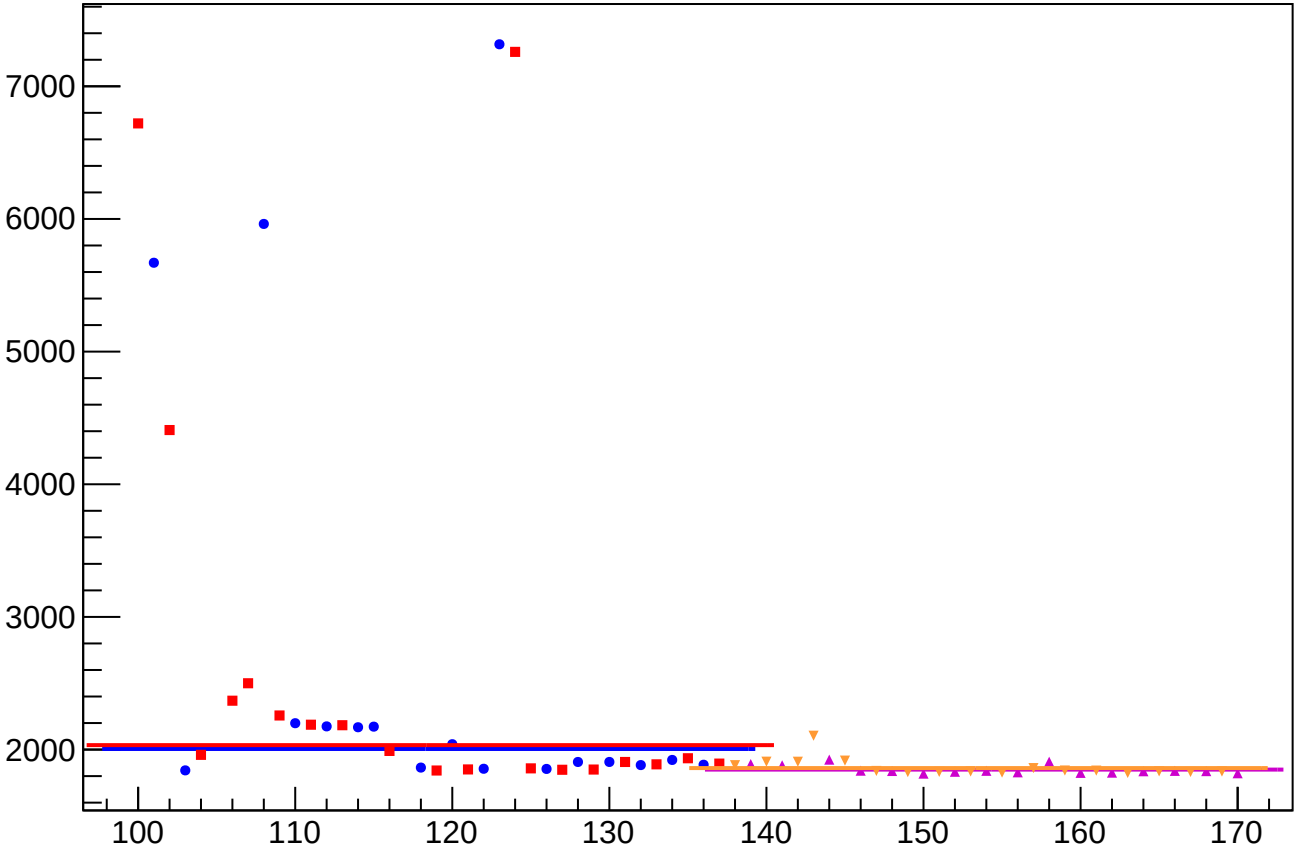
Left In: -2155.644+/-522.626 χ^2/NDF:24.9/15

+ sign 2251.547+/-438.003 χ^2/NDF: 31.9/33

All: 101.007+/-308.528 χ^2/NDF: 122.0/68

- sign -2016.873+/-434.665 χ^2/NDF: 42.2/34

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1860.494+/-0.370 χ^2/NDF:24498.7/16

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

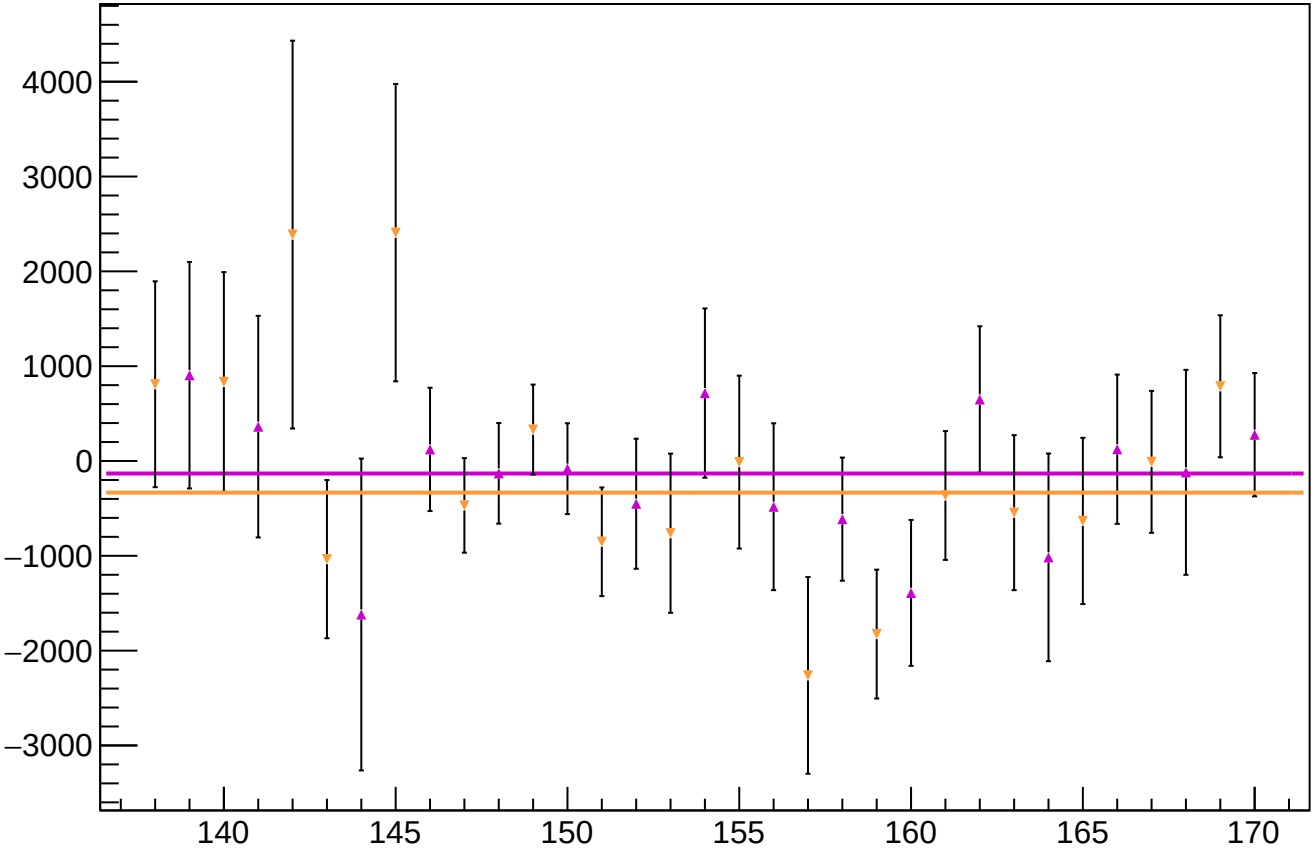
Left In: 1849.071+/-0.370 χ^2/NDF:7393.8/15

+ sign 1903.521+/-0.310 χ^2/NDF: 985830.0/33

All: 1904.732+/-0.218 χ^2/NDF: 1681038.3/68

- sign 1905.925+/-0.307 χ^2/NDF: 695177.9/34

asym_at1_avg_correction_mean vs Slug



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

Left Out: -333.706+/-184.308 χ^2/NDF:21.8/16

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

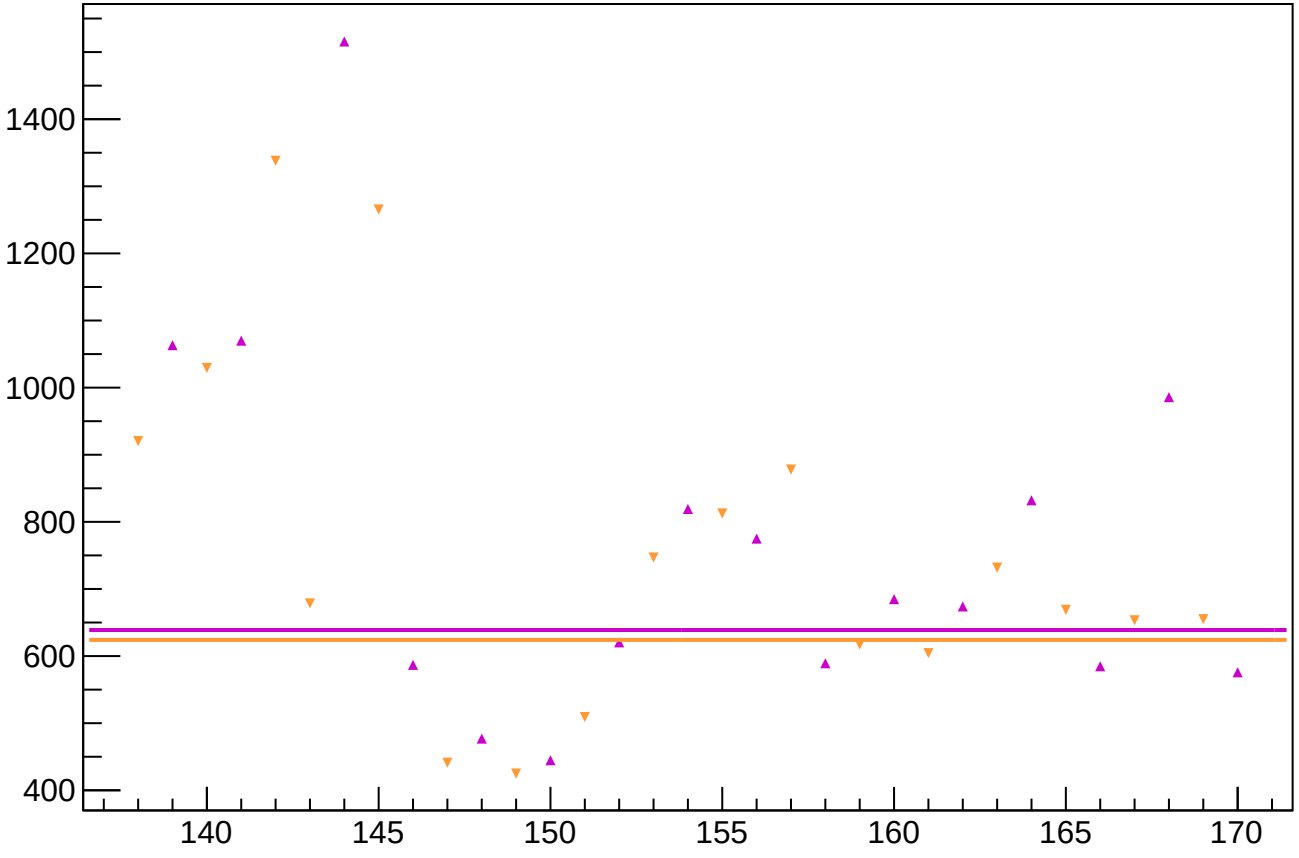
Left In: -131.952+/-188.433 χ^2/NDF:8.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -235.062+/-131.760 χ^2/NDF: 31.0/32

- 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: 624.061+/-0.130 χ^2/NDF:1979762.7/16

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

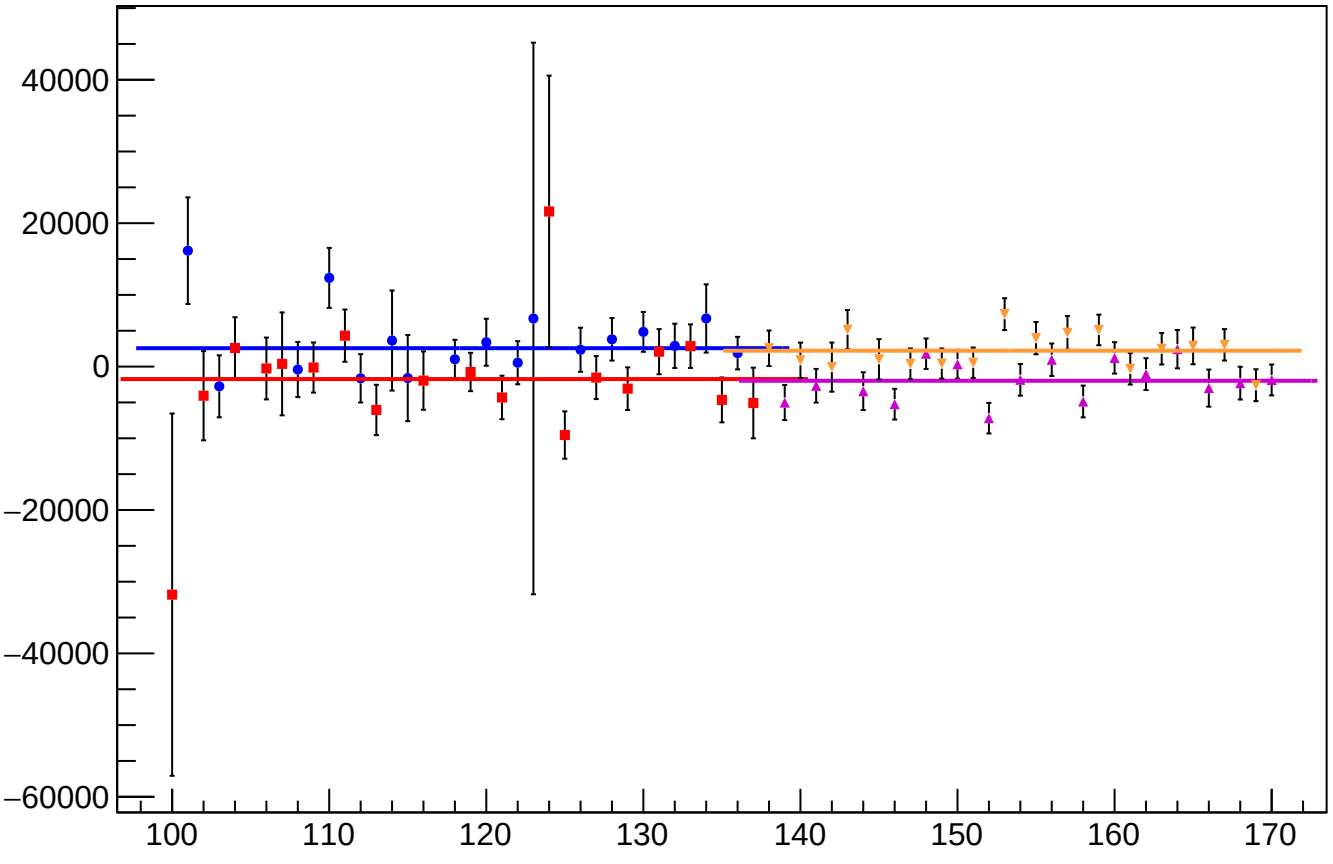
Left In: 638.830+/-0.133 χ^2/NDF:2071070.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 631.282+/-0.093 χ^2/NDF: 4057111.8/32

- 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: 2217.347+/-566.125 χ^2/NDF:19.2/16

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

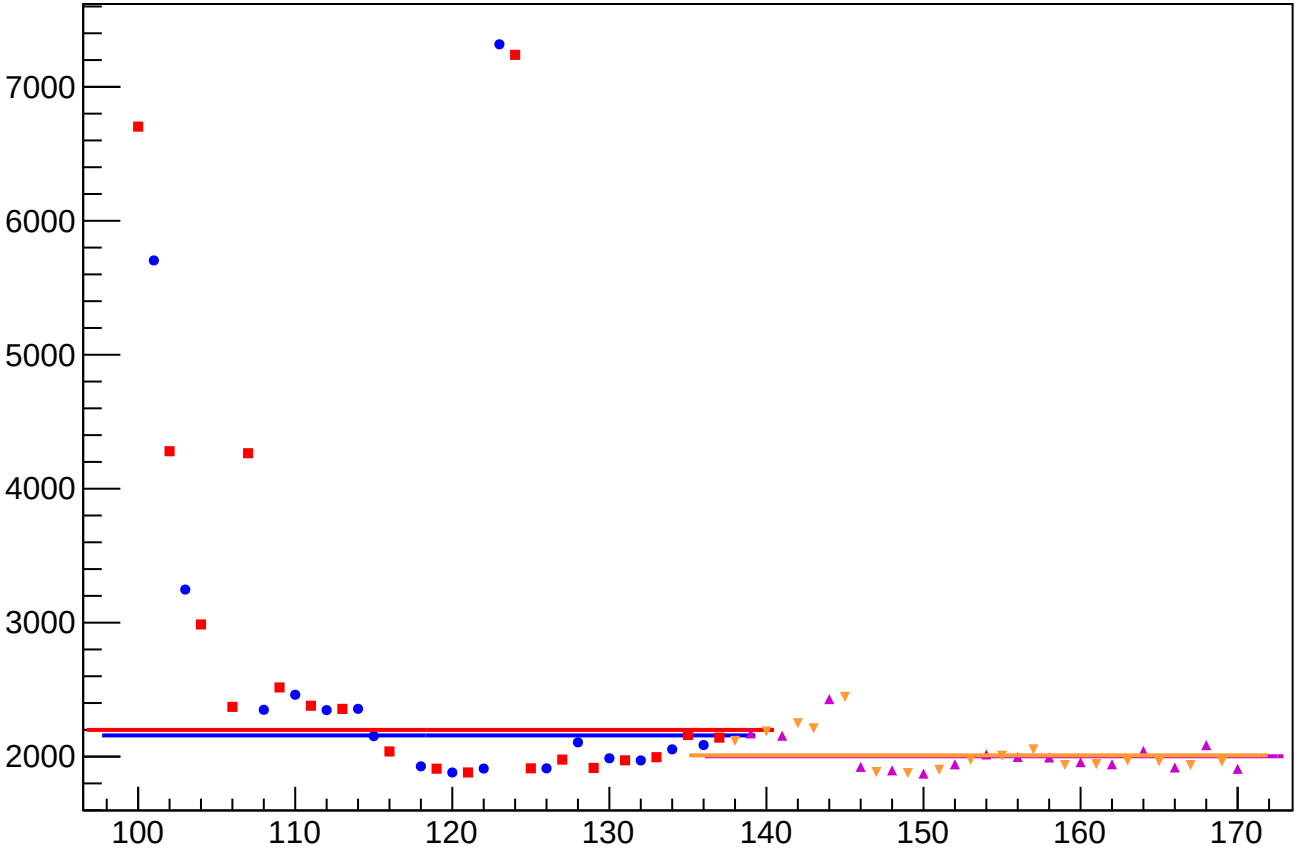
Left In: -1978.395+/-567.073 χ^2/NDF:23.3/15

+ sign 2323.669+/-472.213 χ^2/NDF: 34.9/33

All: 209.775+/-333.925 χ^2/NDF: 118.9/68

- sign -1904.639+/-472.271 χ^2/NDF: 43.8/34

asym_at1_avg_rms vs Slug



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

Left Out: 2009.644+/-0.400 χ^2/NDF:112742.4/16

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

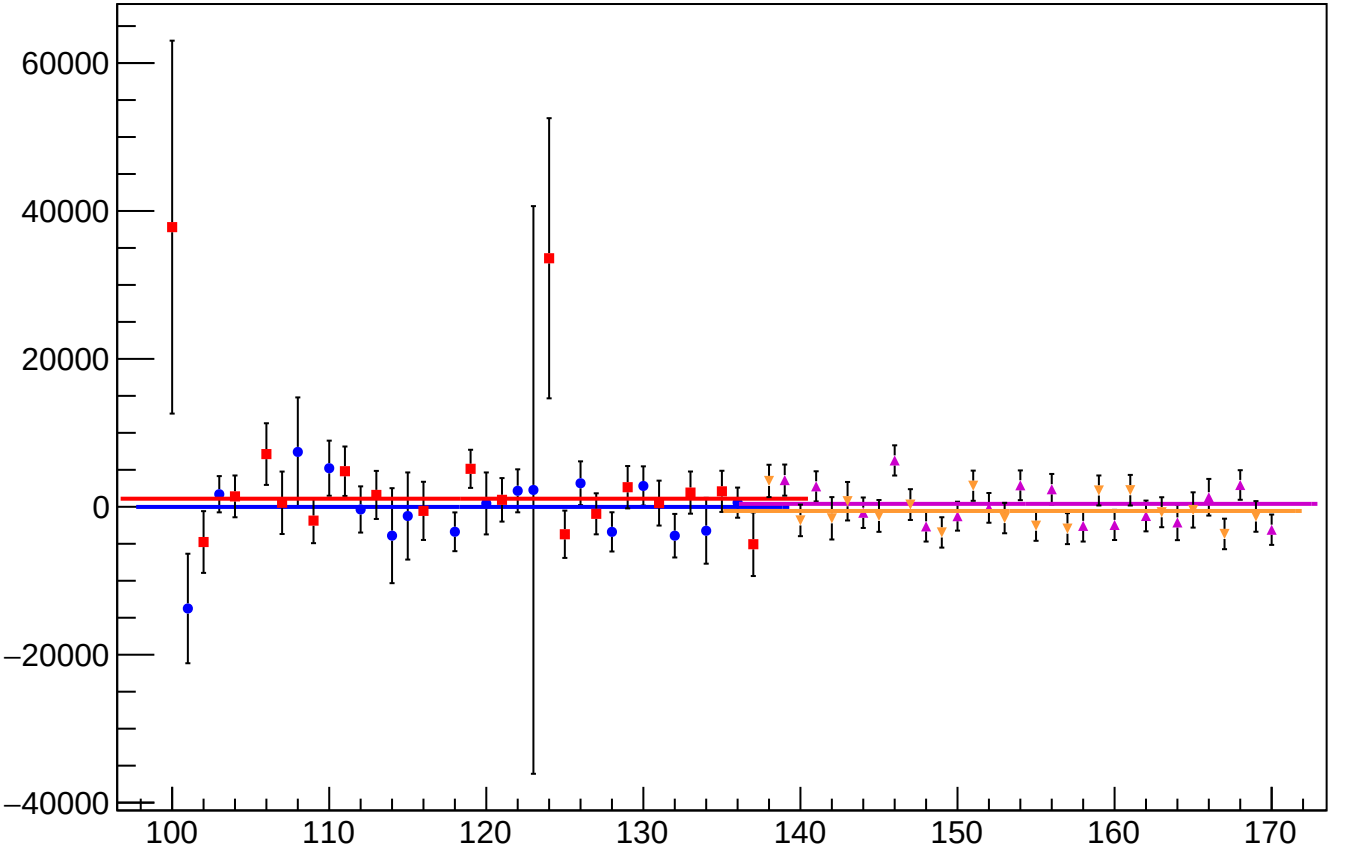
Left In: 2002.479+/-0.401 χ^2/NDF:99550.0/15

+ sign 2054.827+/-0.334 χ^2/NDF: 868476.3/33

All: 2058.813+/-0.236 χ^2/NDF: 1845189.6/68

- sign 2062.800+/-0.334 χ^2/NDF: 976428.3/34

dit_asym_at1_dd_mean vs Slug



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

Left Out: -564.641+/-520.654 χ^2/NDF:17.8/16

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

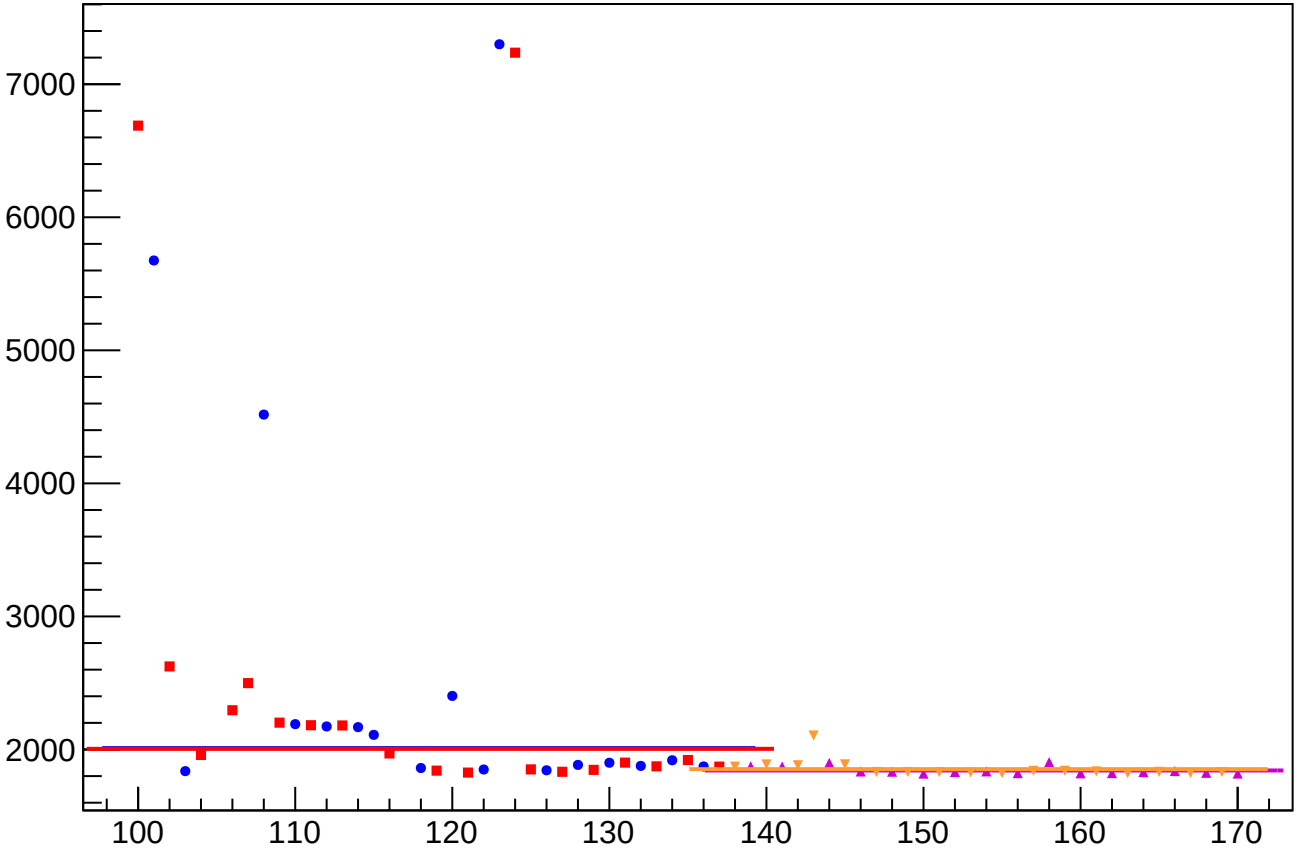
Left In: 397.308+/-520.678 χ^2/NDF:28.1/15

+ sign -402.477+/-436.604 χ^2/NDF: 34.0/33

All: 113.256+/-306.823 χ^2/NDF: 84.8/68

- sign 616.472+/-431.273 χ^2/NDF: 48.0/34

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1852.186+/-0.368 χ^2/NDF:23201.3/16

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

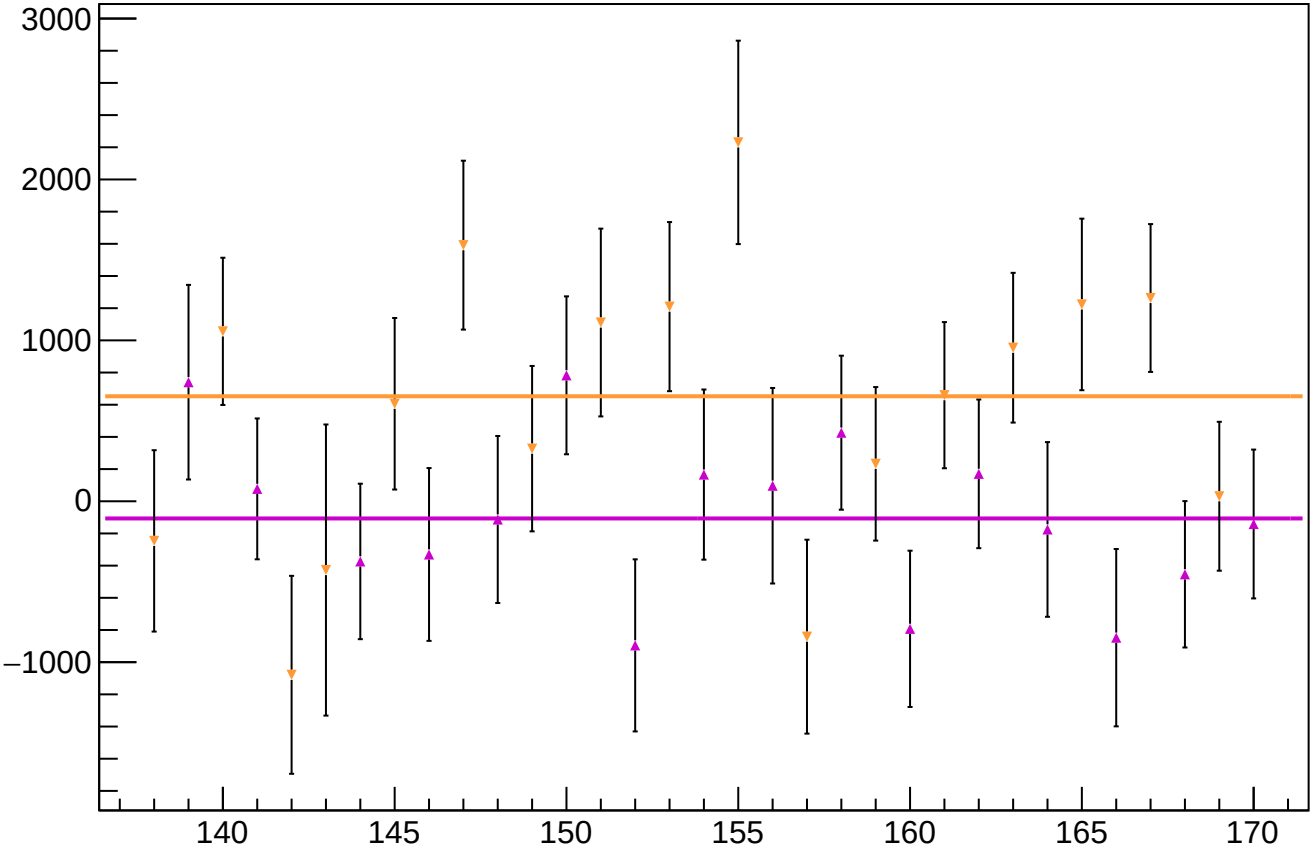
Left In: 1842.264+/-0.368 χ^2/NDF:5659.4/15

+ sign 1899.107+/-0.309 χ^2/NDF: 917673.6/33

All: 1896.175+/-0.217 χ^2/NDF: 1352269.1/68

- sign 1893.315+/-0.305 χ^2/NDF: 434417.3/34

asym_at1_dd_correction_mean vs Slug



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

Left Out: 652.556+/-127.694 χ^2/NDF:36.3/16

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

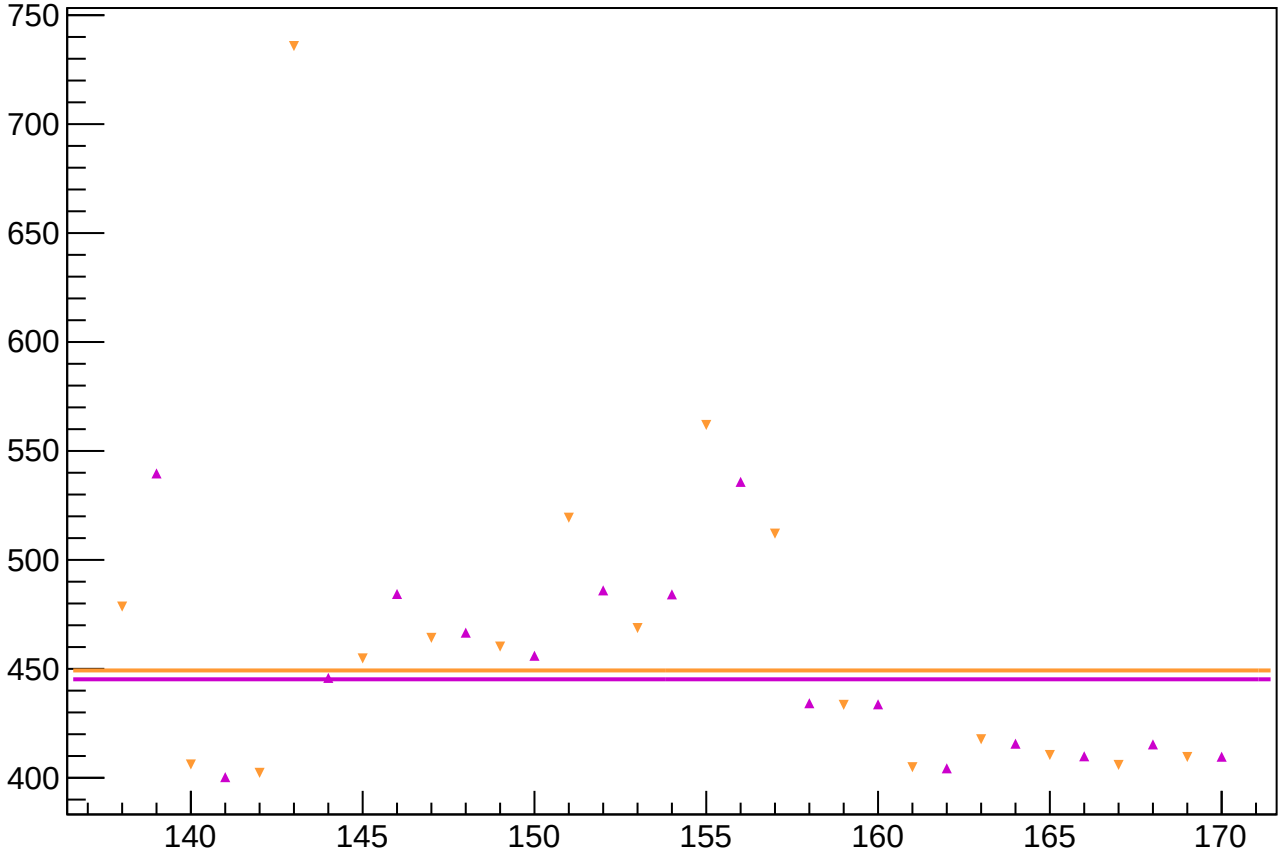
Left In: -106.787+/-126.153 χ^2/NDF:14.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 268.274+/-89.743 χ^2/NDF: 68.7/32

- 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: 449.269+/-0.090 χ^2/NDF:428820.8/16

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

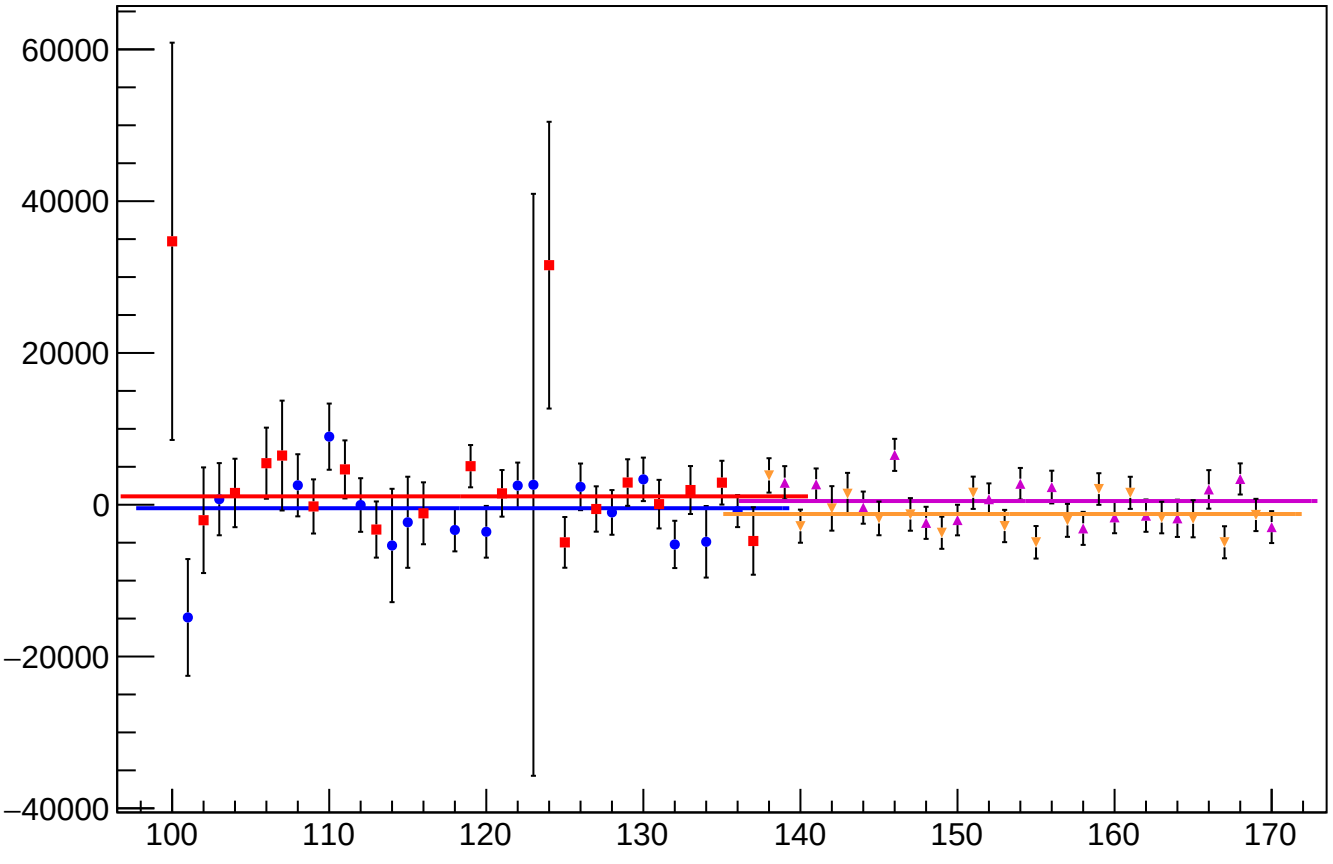
Left In: 445.203+/-0.089 χ^2/NDF:204249.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 447.211+/-0.063 χ^2/NDF: 634096.1/32

- 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: -1221.062+/-537.203 χ^2/NDF:20.9/16

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

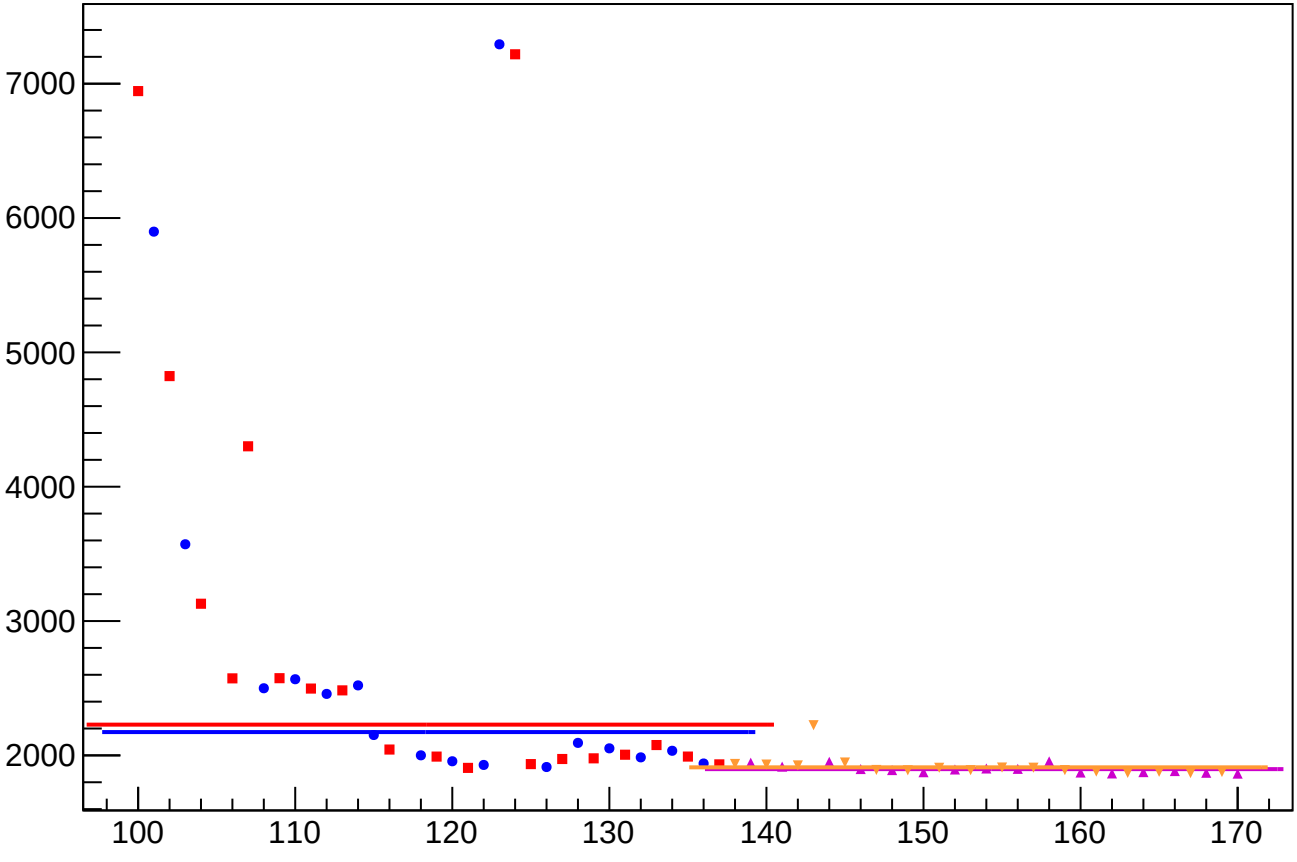
Left In: 488.193+/-536.312 χ^2/NDF:26.6/15

+ sign -1008.811+/-456.379 χ^2/NDF: 39.6/33

All: -174.613+/-322.619 χ^2/NDF: 90.1/68

- sign 658.658+/-456.126 χ^2/NDF: 43.9/34

asym_at1_dd_rms vs Slug



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

Left Out: 1911.007+/-0.380 χ^2/NDF:30796.9/16

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

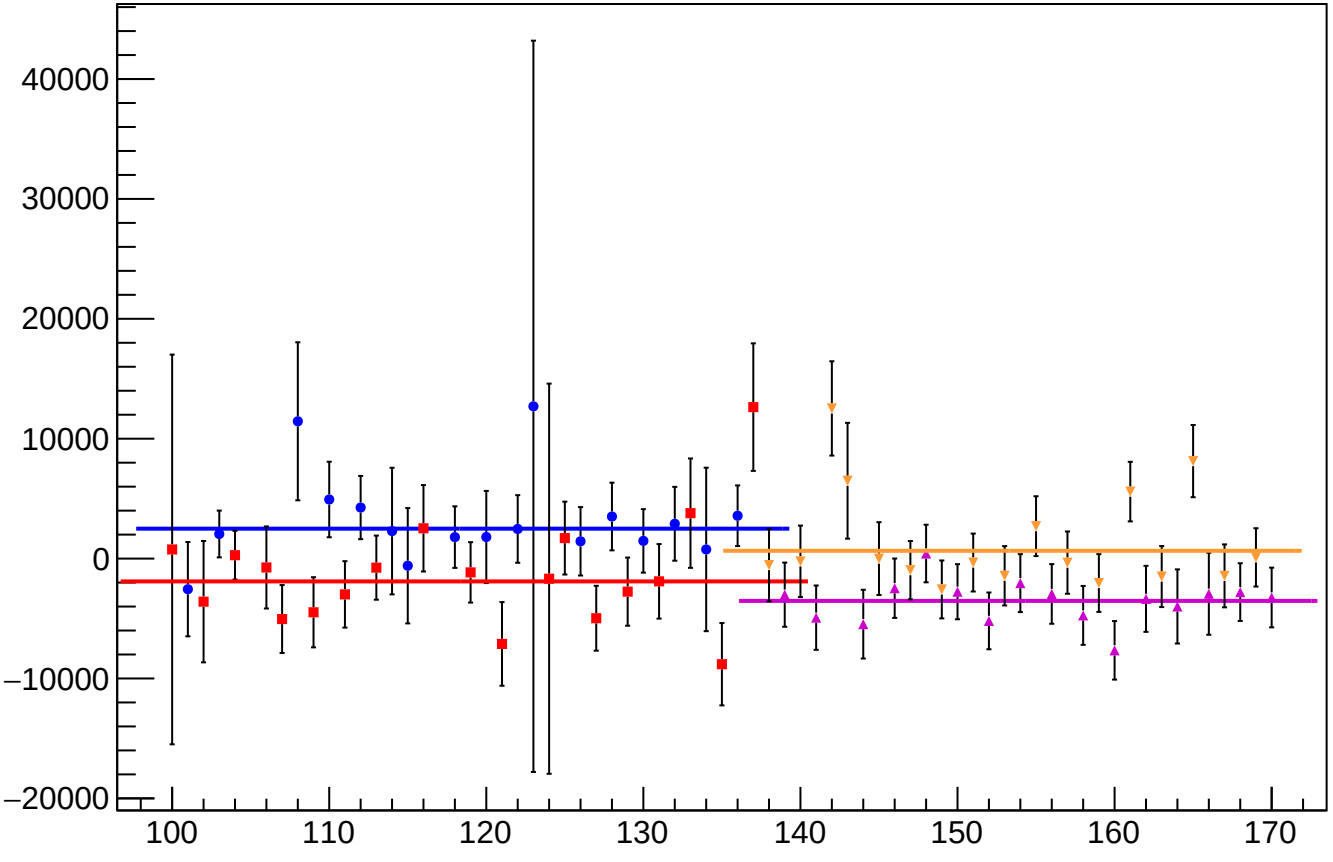
Left In: 1897.742+/-0.379 χ^2/NDF:5959.6/15

+ sign 1984.059+/-0.323 χ^2/NDF: 969065.8/33

All: 1986.713+/-0.228 χ^2/NDF: 2081992.4/68

- sign 1989.363+/-0.323 χ^2/NDF: 1112791.4/34

dit_asym_at2_avg_mean vs Slug



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

Left Out: 650.179+/-654.414 χ^2/NDF:27.6/16

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

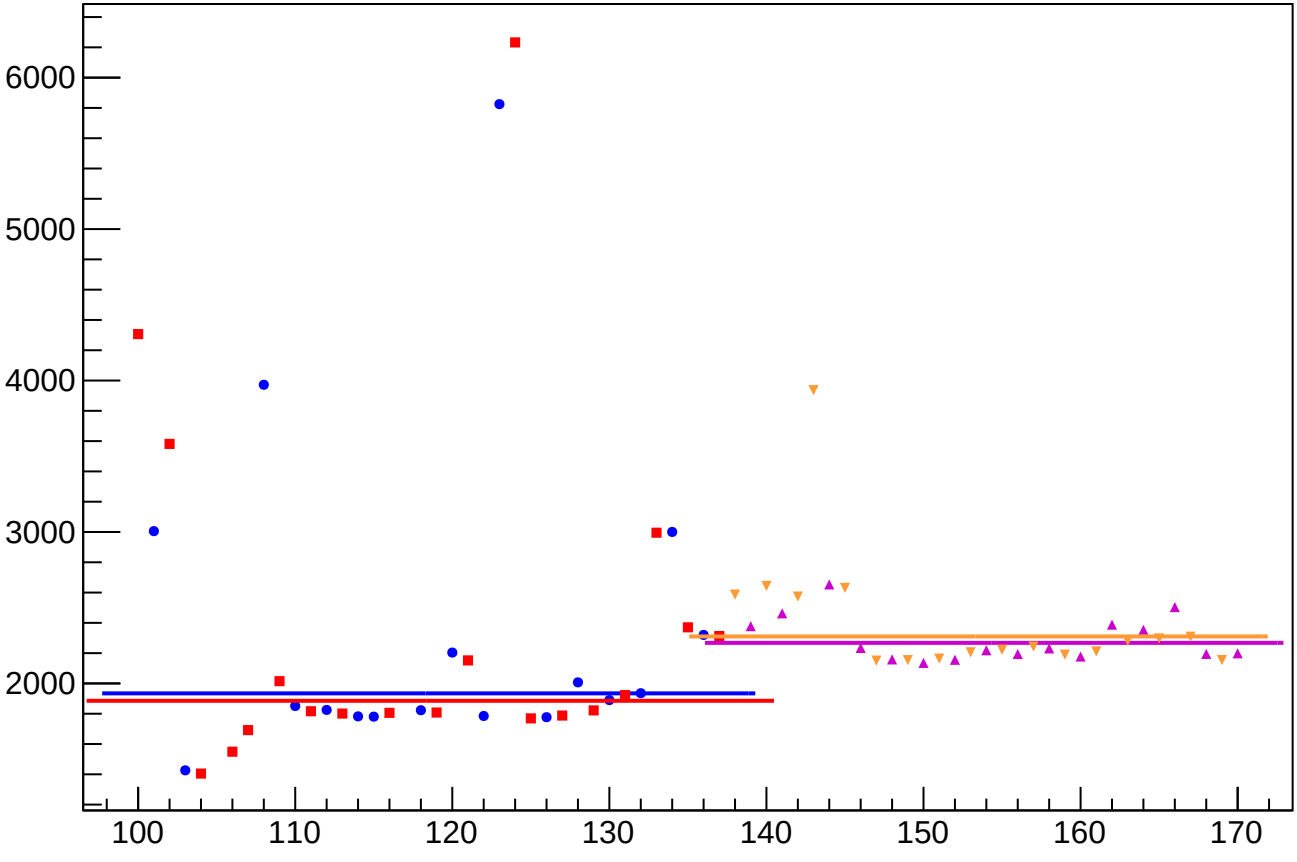
Left In: -3528.337+/-641.910 χ^2/NDF:8.0/15

+ sign 1426.537+/-498.187 χ^2/NDF: 36.8/33

All: -761.688+/-347.144 χ^2/NDF: 108.5/68

- sign -2826.985+/-483.991 χ^2/NDF: 34.2/34

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2310.271+/-0.463 χ^2/NDF:347930.3/16

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

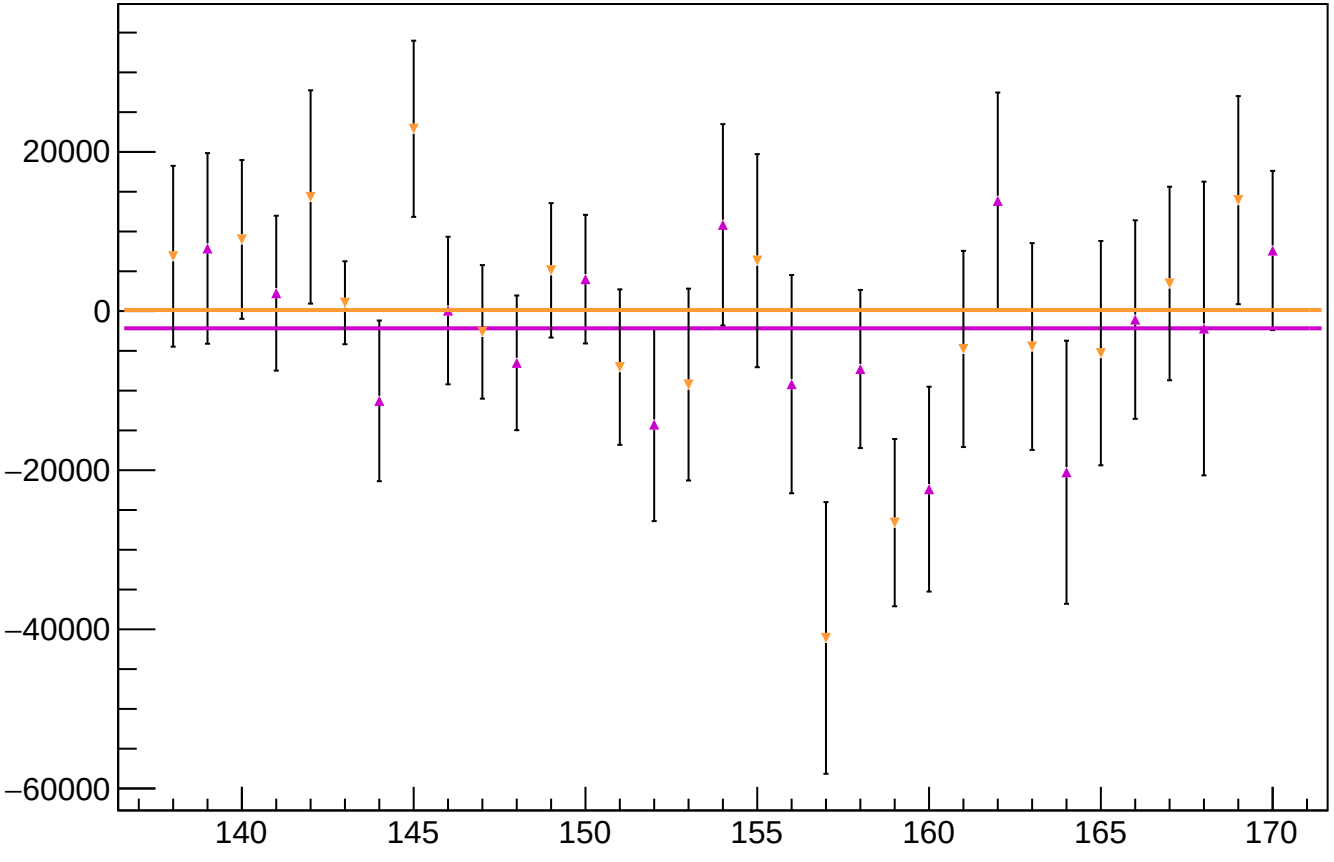
Left In: 2267.906+/-0.454 χ^2/NDF:89760.2/15

+ sign 2152.232+/-0.352 χ^2/NDF: 1264261.2/33

All: 2126.842+/-0.245 χ^2/NDF: 2422477.7/68

- sign 2102.882+/-0.342 χ^2/NDF: 1148119.6/34

asym_at2_avg_correction_mean vs Slug



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

Left Out: 127.968+/-2483.928 χ^2/NDF:22.3/16

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

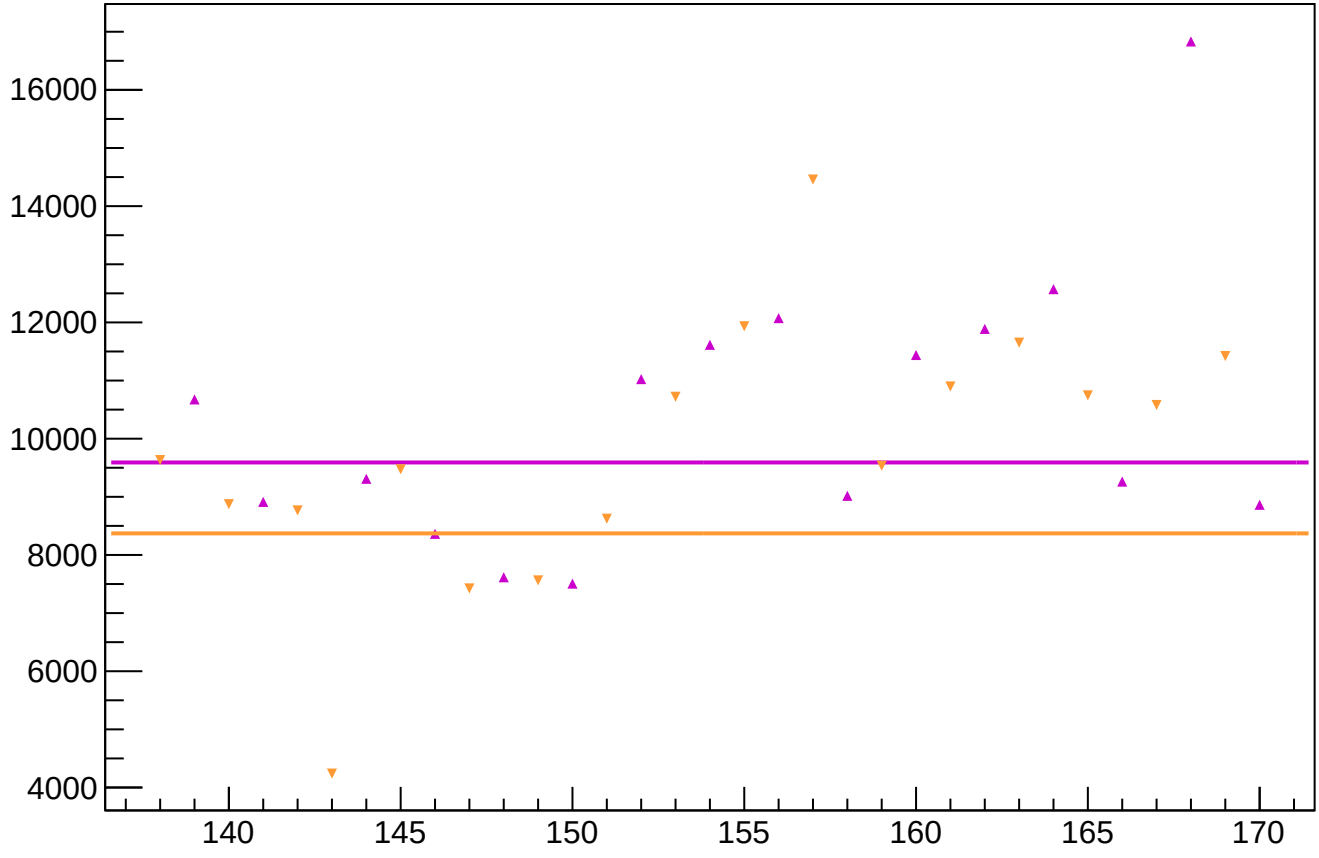
Left In: -2166.409+/-2761.541 χ^2/NDF:11.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -898.131+/-1846.774 χ^2/NDF: 33.9/32

- 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: 8371.155+/-1.756 χ^2/NDF:2292171.2/16

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

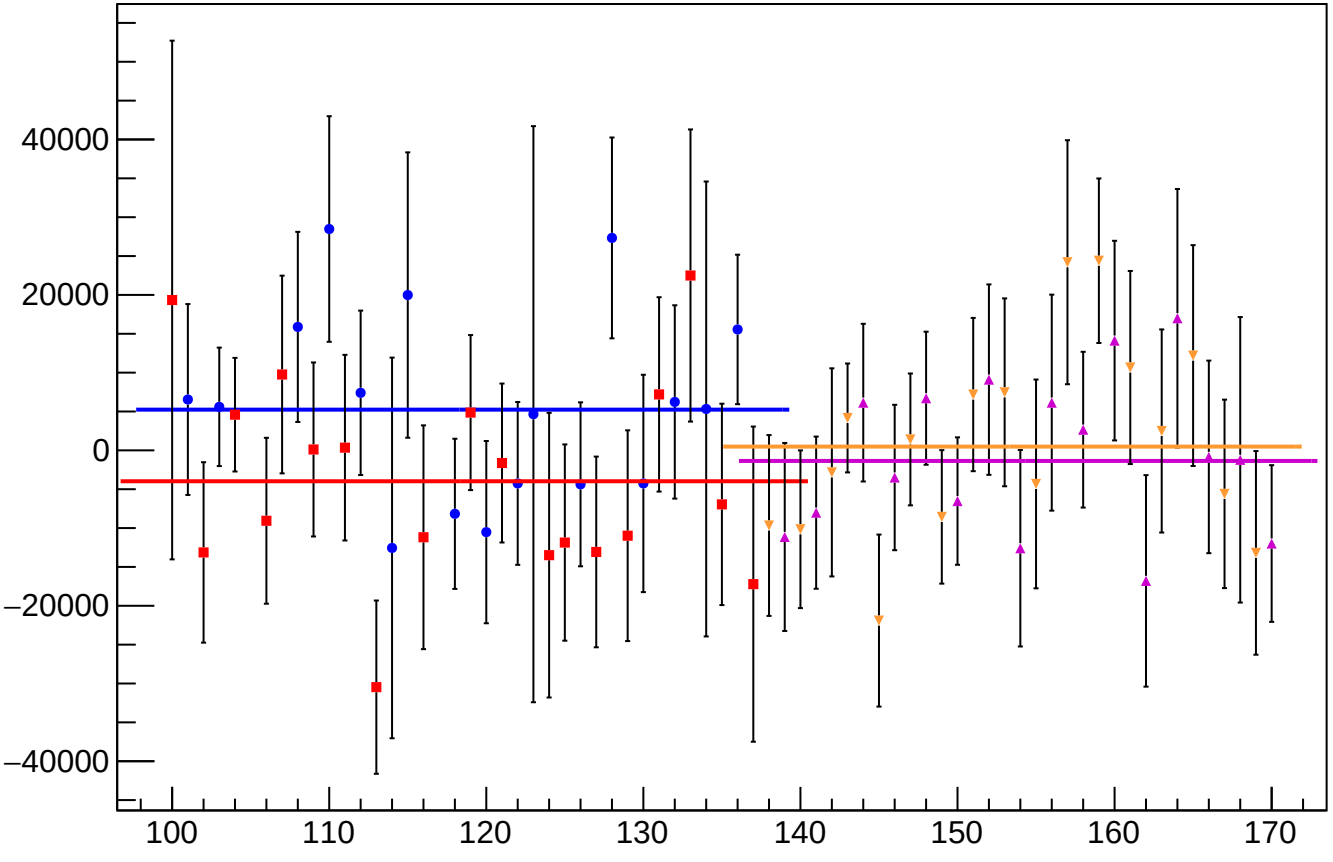
Left In: 9591.114+/-1.953 χ^2/NDF:938908.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8916.749+/-1.306 χ^2/NDF: 3446837.5/32

- 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: 484.766+/-2633.088 χ^2/NDF:18.4/16

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

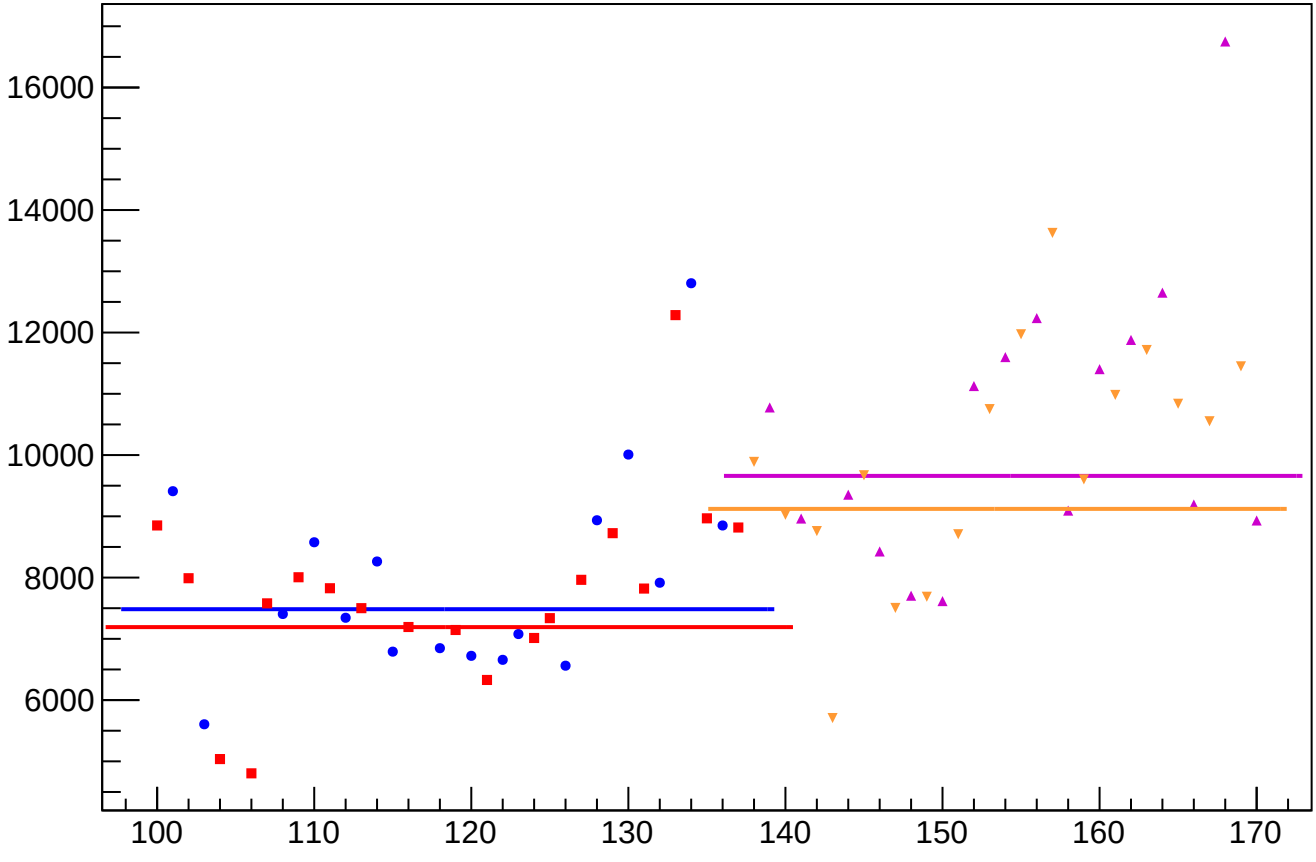
Left In: -1361.889+/-2780.041 χ^2/NDF:10.0/15

+ sign 2595.742+/-1963.264 χ^2/NDF: 34.4/33

All: -25.913+/-1390.418 χ^2/NDF: 64.0/68

- sign -2664.104+/-1969.446 χ^2/NDF: 26.1/34

asym_at2_avg_rms vs Slug



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

Left Out: 9121.358+/-1.862 χ^2/NDF:1161142.2/16

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

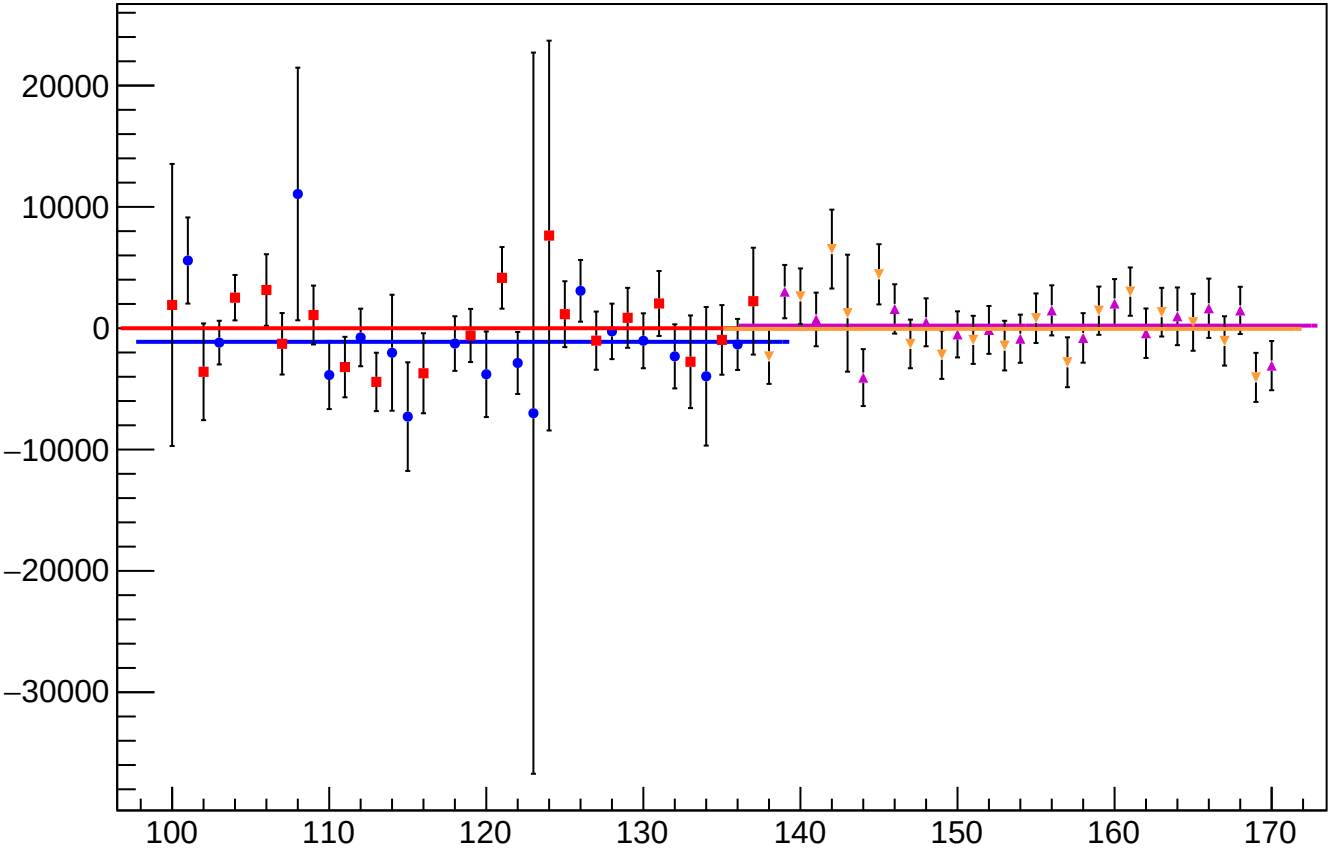
Left In: 9659.973+/-1.966 χ^2/NDF:909477.1/15

+ sign 8394.154+/-1.388 χ^2/NDF: 1936471.7/33

All: 8412.098+/-0.983 χ^2/NDF: 4190644.7/68

- sign 8430.153+/-1.393 χ^2/NDF: 2253837.8/34

dit_asym_at2_dd_mean vs Slug



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

Left Out: -51.773+/-528.804 χ^2/NDF:21.6/16

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

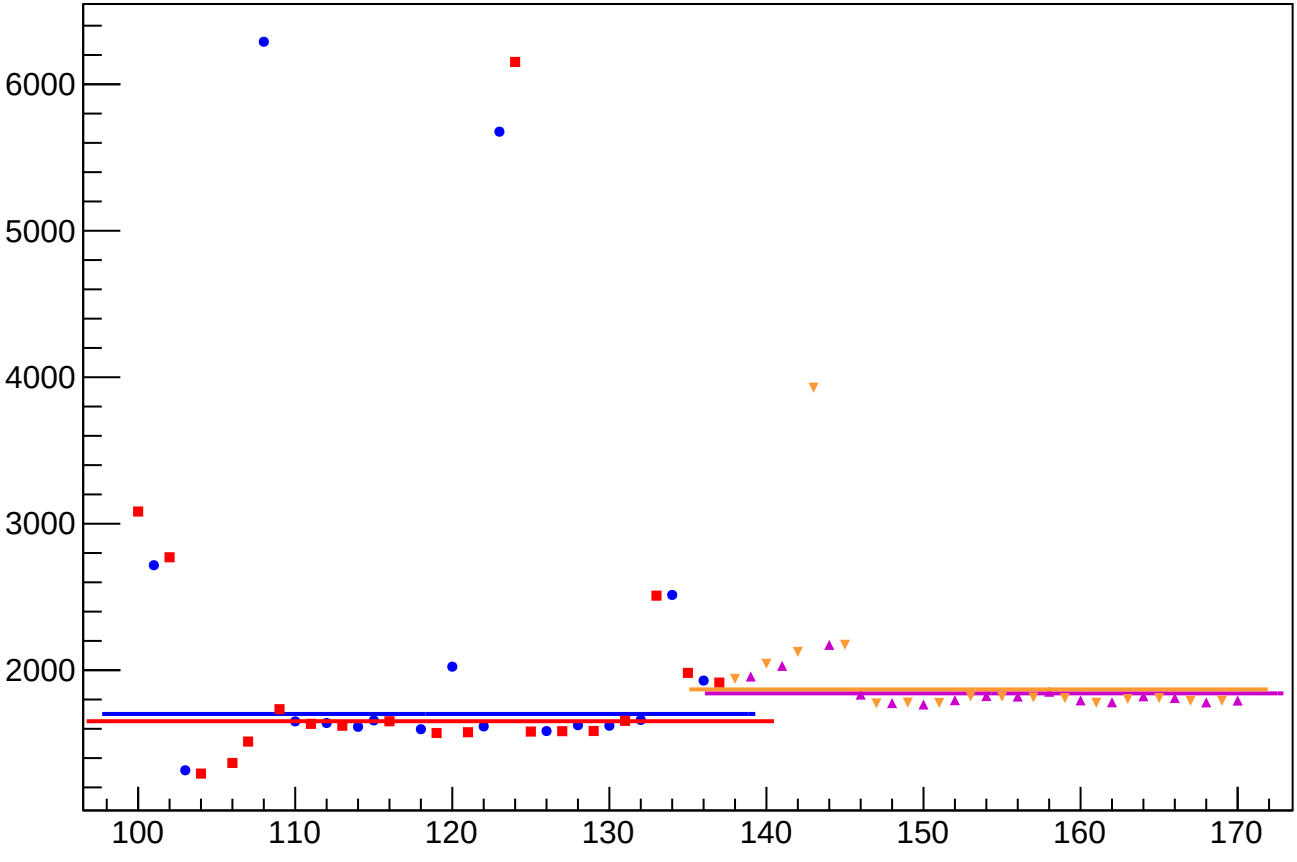
Left In: 213.743+/-520.322 χ^2/NDF:11.0/15

+ sign -455.138+/-417.244 χ^2/NDF: 35.4/33

All: -154.105+/-290.110 χ^2/NDF: 62.9/68

- sign 127.632+/-403.649 χ^2/NDF: 26.5/34

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1868.898+/-0.374 χ^2/NDF:453239.4/16

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

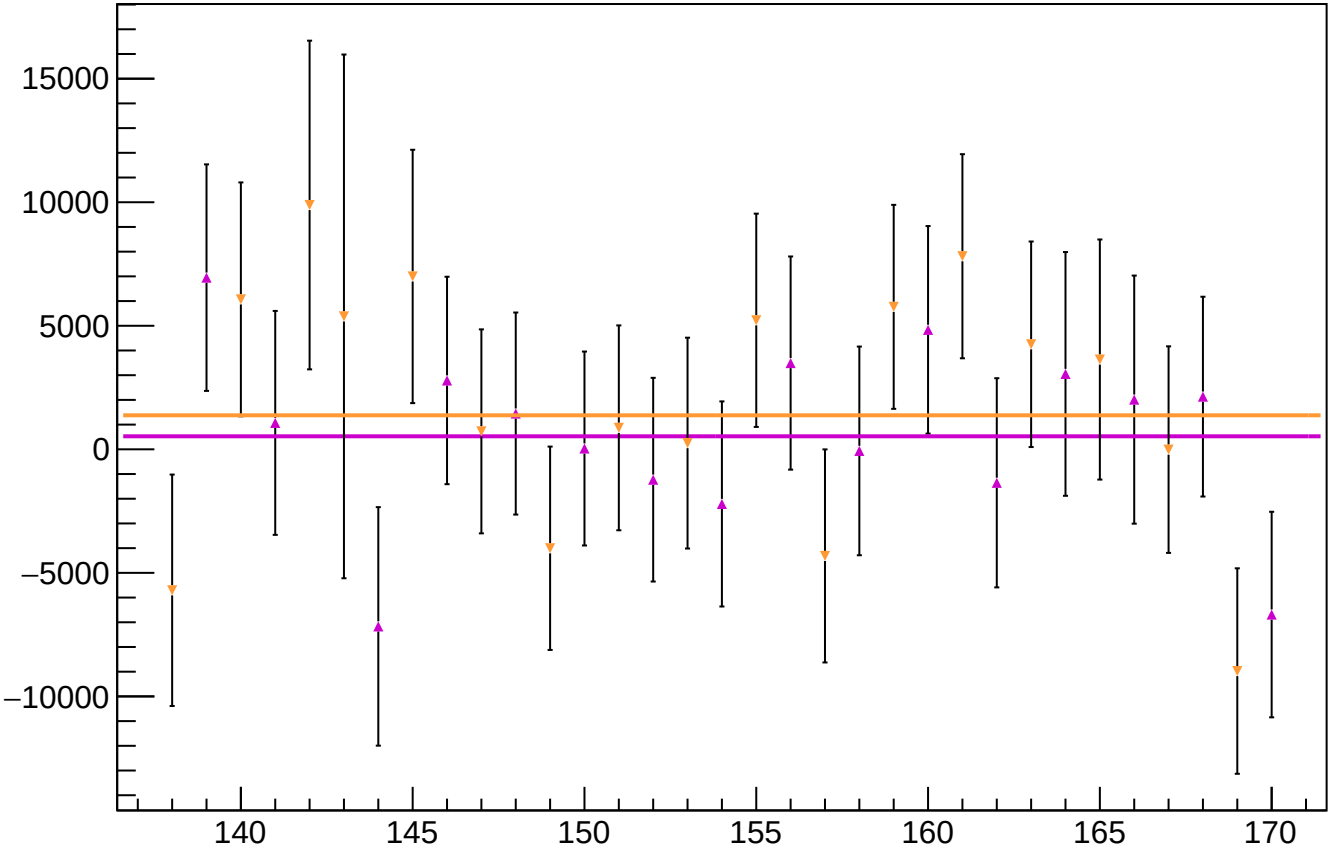
Left In: 1841.957+/-0.368 χ^2/NDF:73334.1/15

+ sign 1805.636+/-0.295 χ^2/NDF: 1307799.2/33

All: 1785.271+/-0.205 χ^2/NDF: 2085636.4/68

- sign 1766.213+/-0.285 χ^2/NDF: 768614.5/34

asym_at2_dd_correction_mean vs Slug



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

Left Out: 1376.808+/-1097.227 χ^2/NDF:21.2/16

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

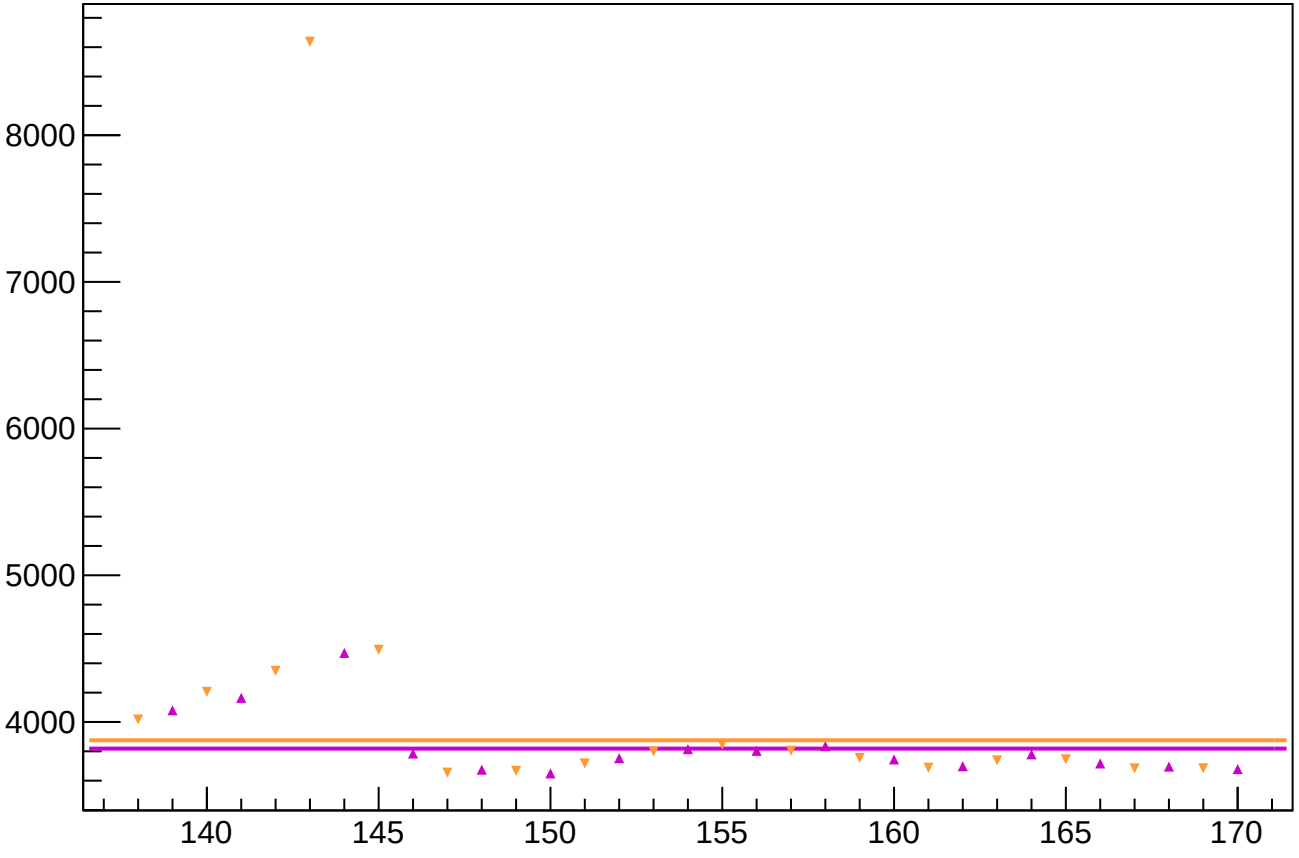
Left In: 526.991+/-1078.536 χ^2/NDF:10.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 944.600+/-769.163 χ^2/NDF: 32.2/32

- 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: 3875.452+/-0.776 χ^2/NDF:487263.7/16

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

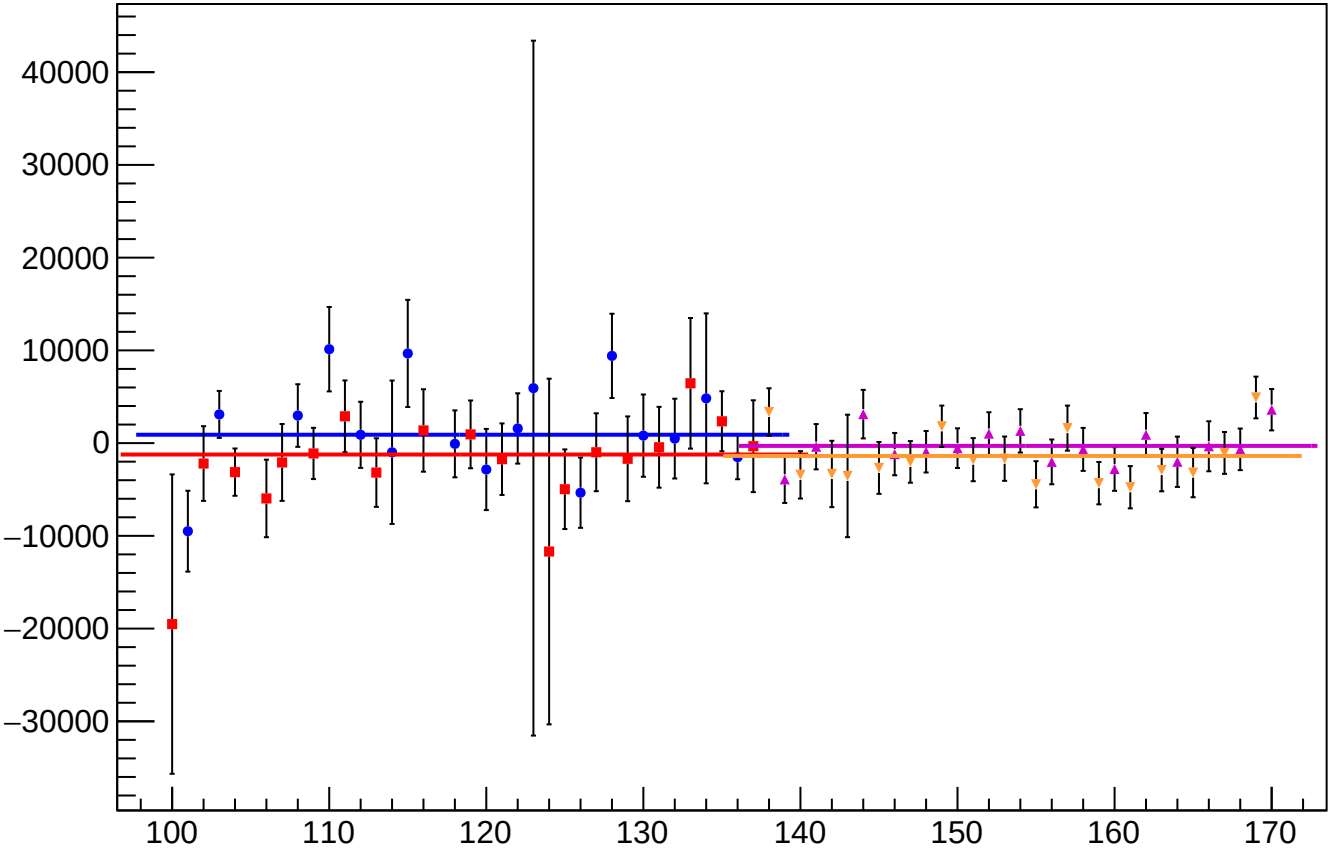
Left In: 3818.473+/-0.763 χ^2/NDF:68811.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3846.473+/-0.544 χ^2/NDF: 558817.8/32

- 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: -1383.492+/-604.637 χ^2/NDF:22.5/16

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

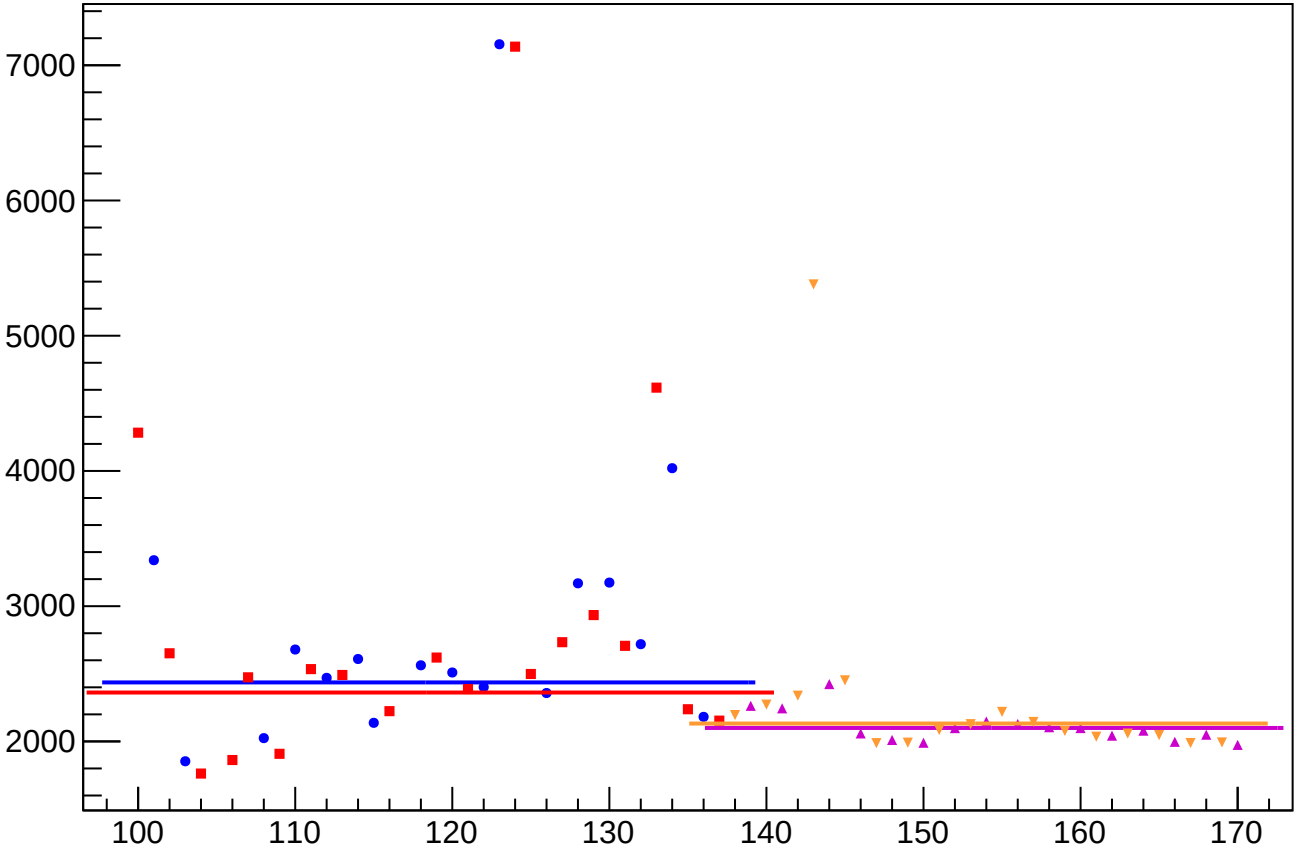
Left In: -300.051+/-592.982 χ^2/NDF:10.2/15

+ sign -735.860+/-511.907 χ^2/NDF: 48.2/33

All: -651.460+/-357.401 χ^2/NDF: 68.0/68

- sign -571.193+/-499.216 χ^2/NDF: 19.8/34

asym_at2_dd_rms vs Slug



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

Left Out: 2132.228+/-0.428 χ^2/NDF:568061.9/16

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

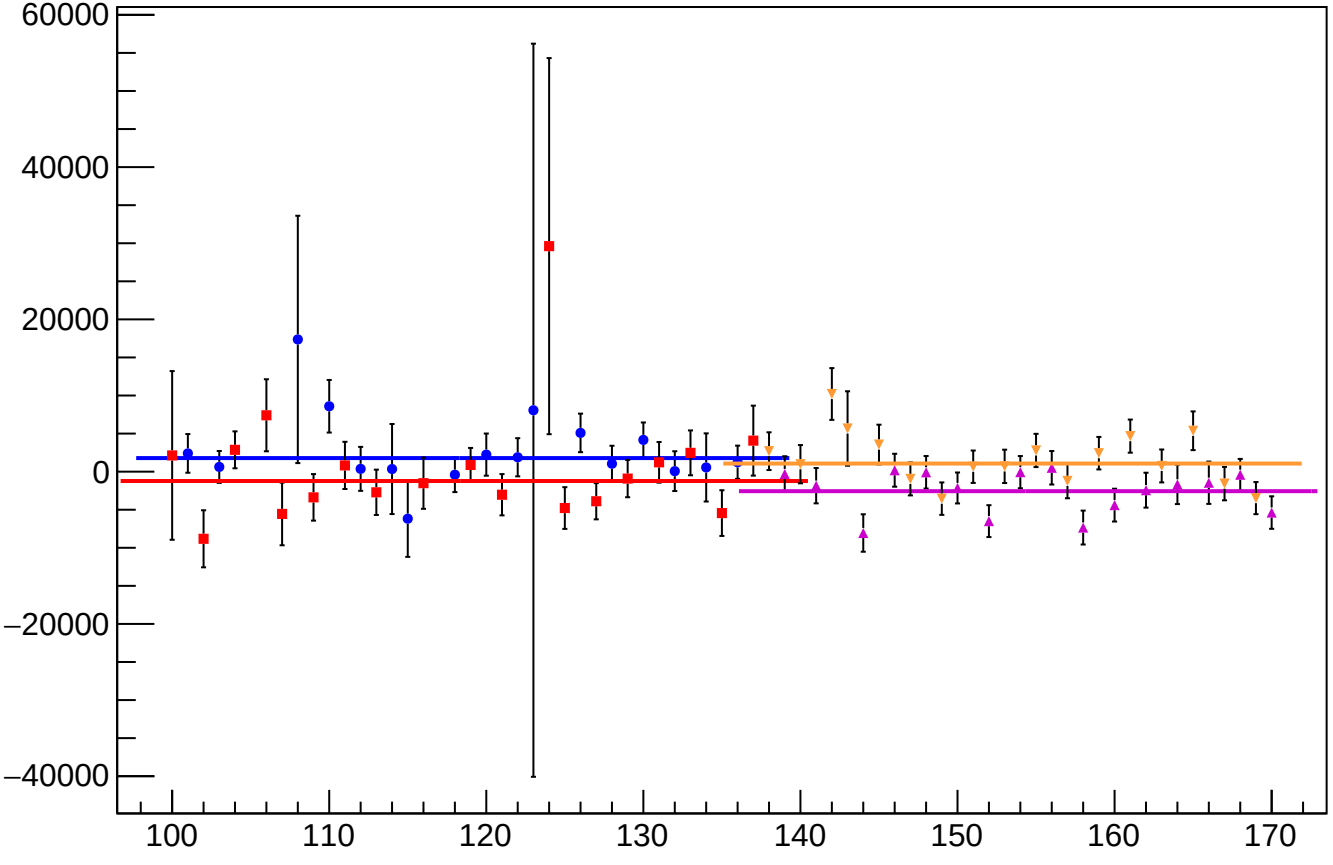
Left In: 2099.497+/-0.419 χ^2/NDF:67670.9/15

+ sign 2218.332+/-0.362 χ^2/NDF: 1179825.5/33

All: 2196.544+/-0.253 χ^2/NDF: 2024179.5/68

- sign 2175.823+/-0.353 χ^2/NDF: 837285.2/34

dit_asym_atl_avg_mean vs Slug



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

Left Out: 1064.907+/-568.614 χ^2/NDF:28.8/16

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

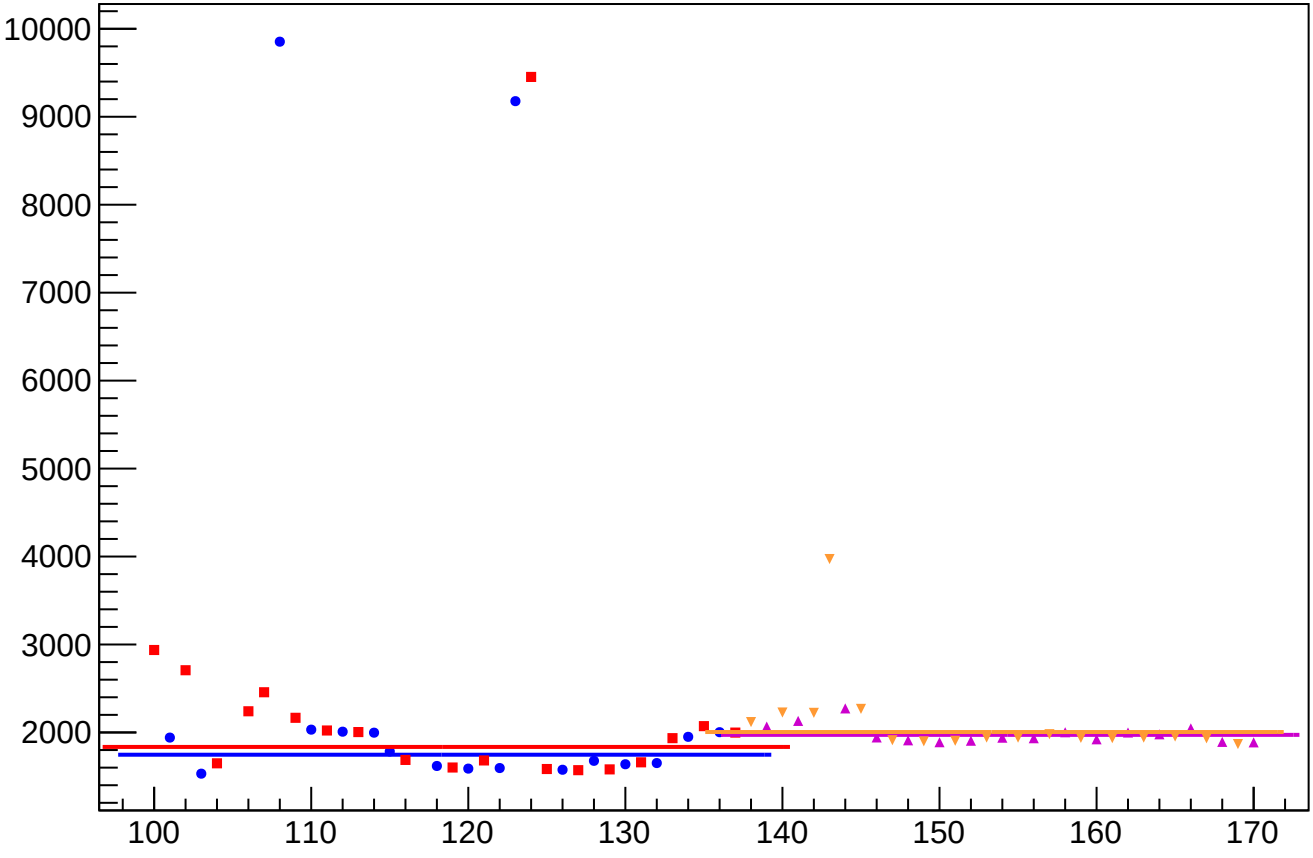
Left In: -2563.983+/-558.479 χ^2/NDF:24.3/15

+ sign 1353.340+/-439.938 χ^2/NDF: 41.9/33

All: -354.931+/-310.579 χ^2/NDF: 122.7/68

- sign -2052.175+/-438.516 χ^2/NDF: 50.8/34

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2004.909+/-0.402 χ^2/NDF:405701.4/16

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

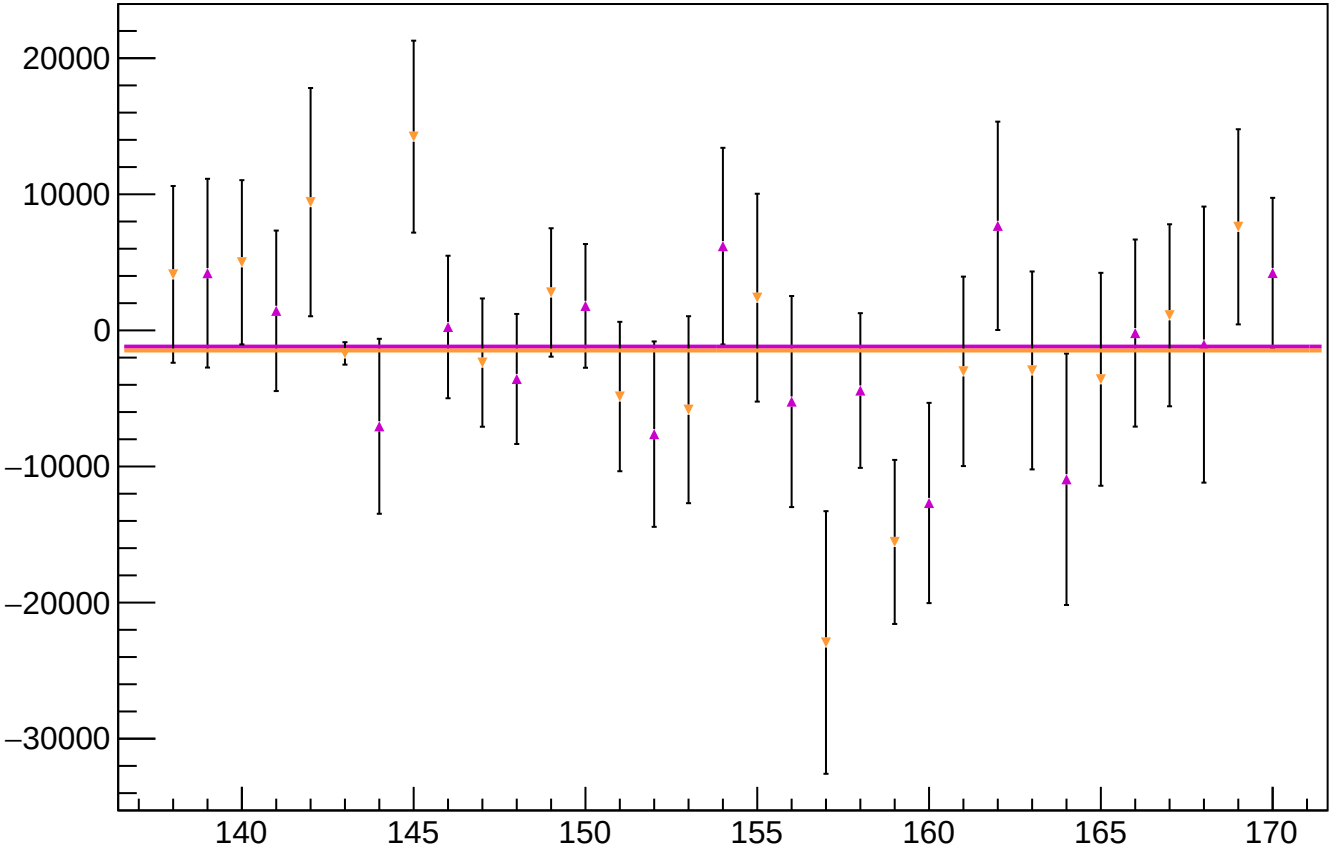
Left In: 1972.606+/-0.395 χ^2/NDF:60361.3/15

+ sign 1901.323+/-0.311 χ^2/NDF: 1253549.1/33

All: 1910.655+/-0.220 χ^2/NDF: 1912456.6/68

- sign 1919.919+/-0.310 χ^2/NDF: 657114.0/34

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1476.450+/-734.290 χ^2/NDF:22.8/16

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

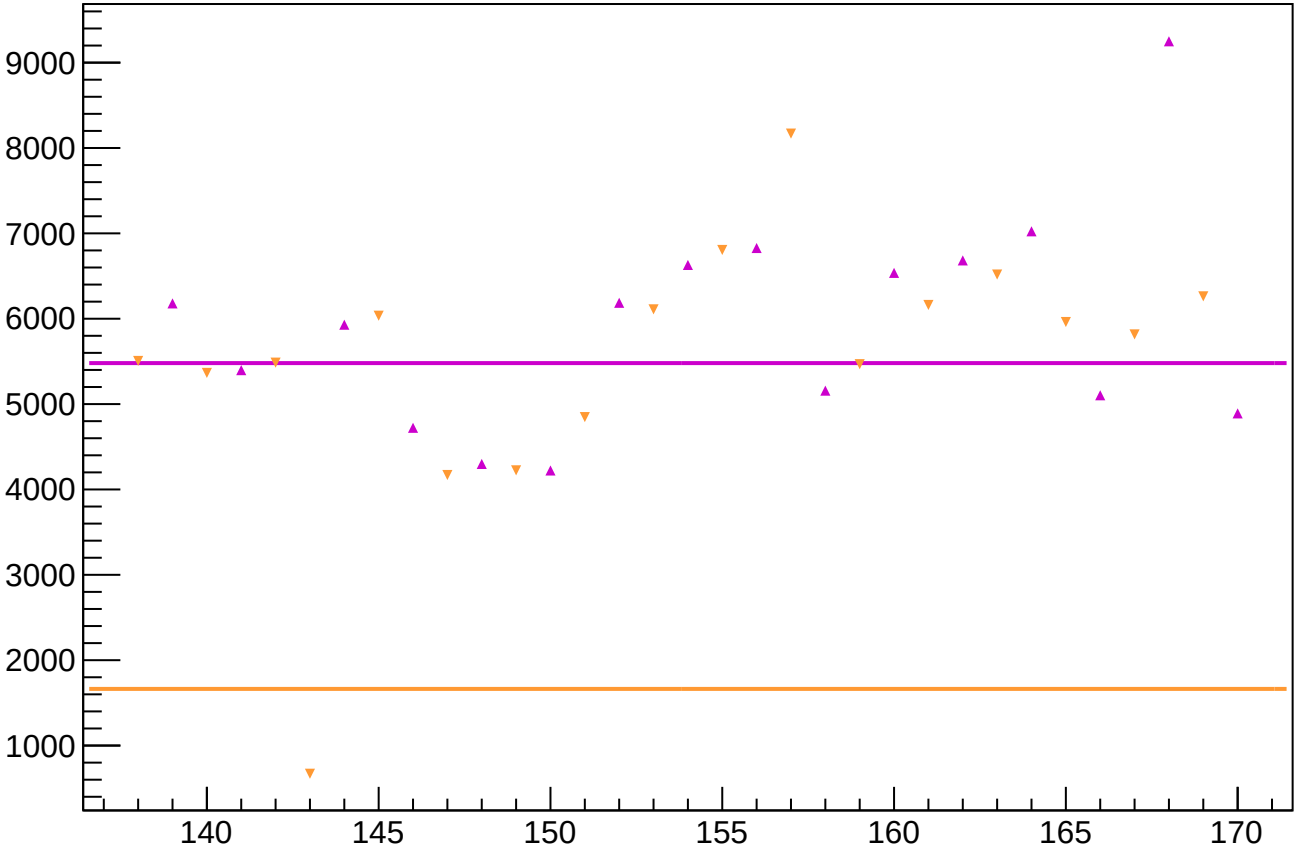
Left In: -1191.517+/-1577.756 χ^2/NDF:10.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1425.722+/-665.724 χ^2/NDF: 33.6/32

- 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: 1663.640+/-0.519 χ^2/NDF:14746121.4/16

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

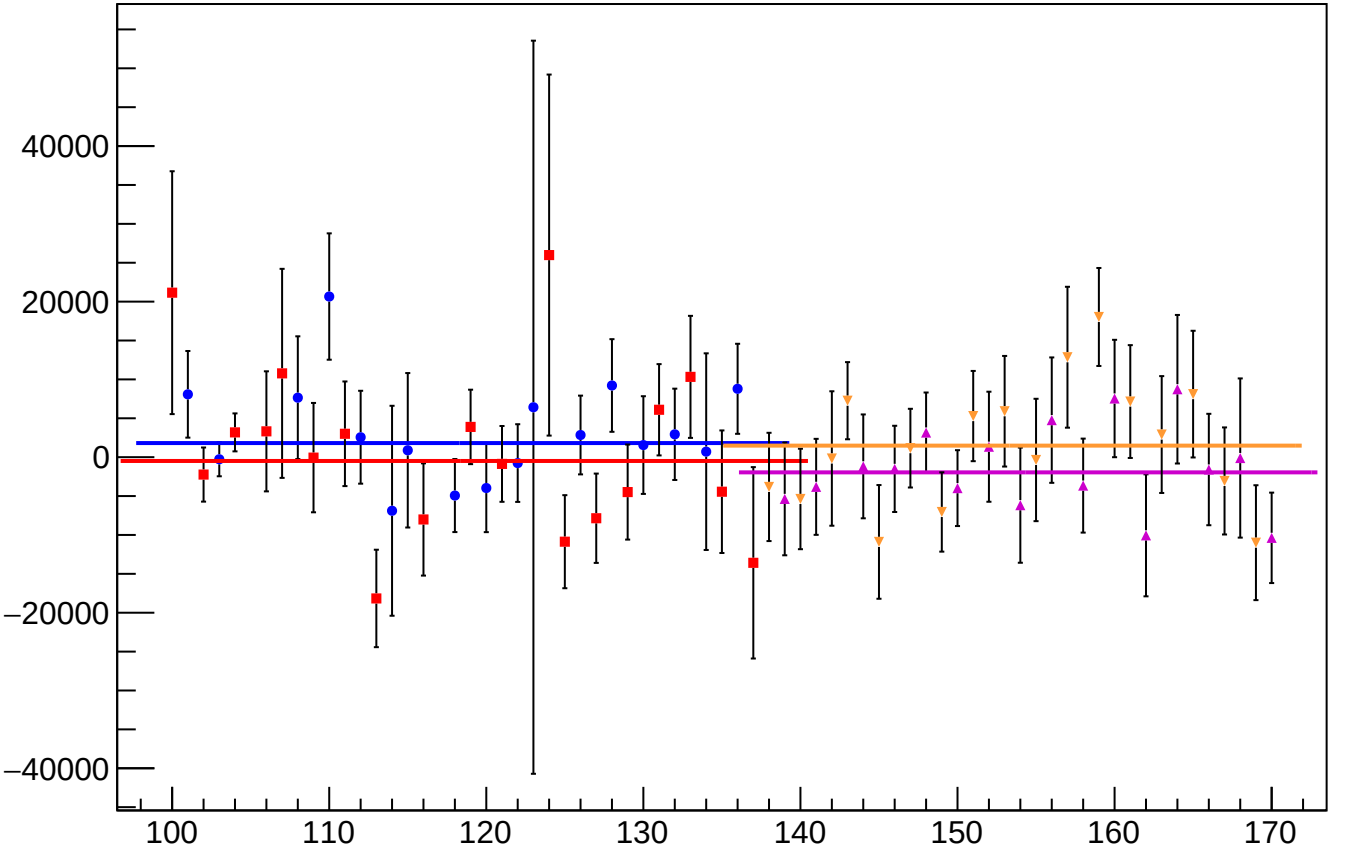
Left In: 5480.166+/-1.116 χ^2/NDF:938560.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2343.120+/-0.471 χ^2/NDF: 25303898.7/3

- 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: 1485.334+/-1603.054 χ^2/NDF:22.7/16

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

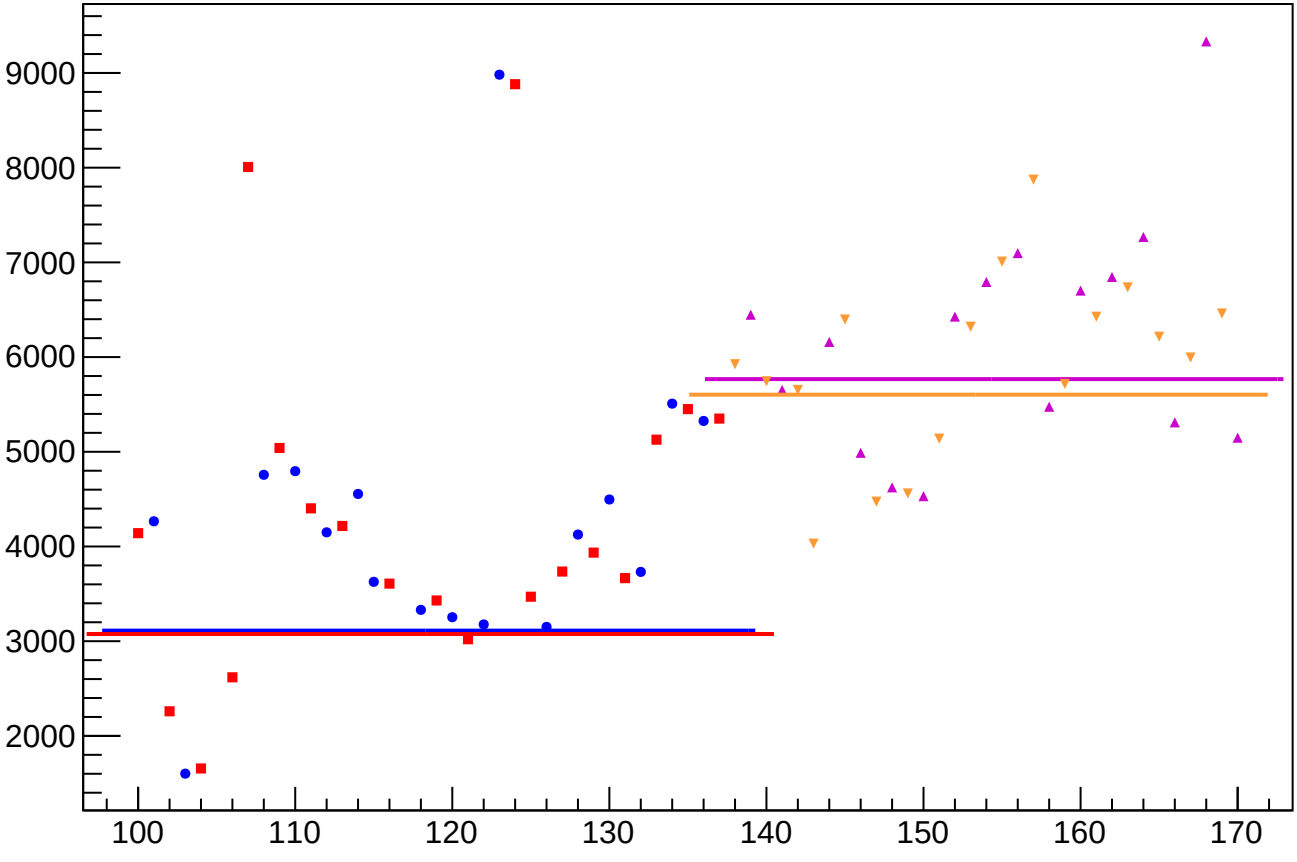
Left In: -1954.074+/-1656.472 χ^2/NDF:8.8/15

+ sign 1683.610+/-1010.327 χ^2/NDF: 37.7/33

All: 329.425+/-716.352 χ^2/NDF: 77.2/68

- sign -1039.595+/-1015.846 χ^2/NDF: 35.8/34

asym_atl_avg_rms vs Slug



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

Left Out: 5602.976+/-1.134 χ^2/NDF:752599.5/16

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

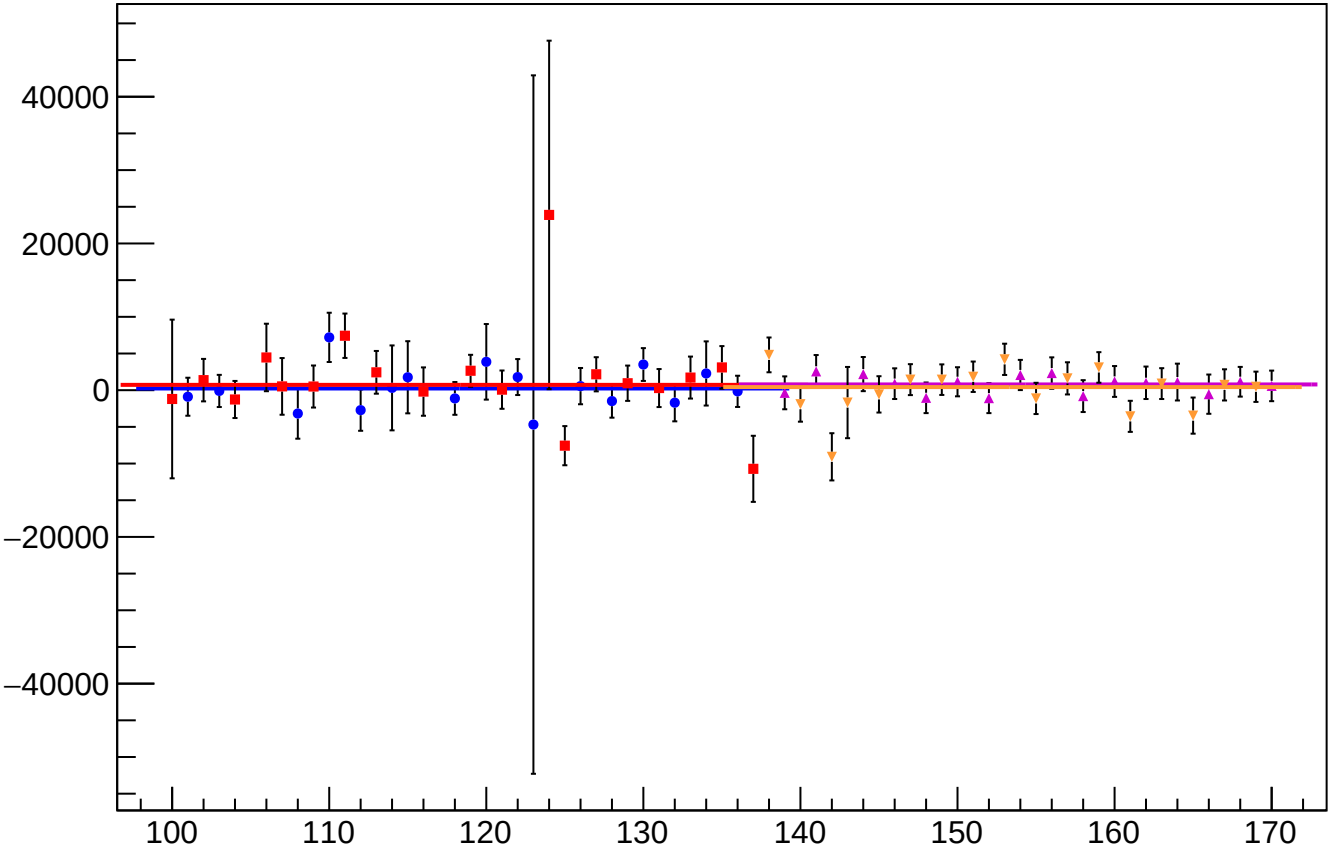
Left In: 5767.374+/-1.171 χ^2/NDF:798168.6/15

+ sign 4101.186+/-0.714 χ^2/NDF: 5543576.0/33

All: 4085.393+/-0.504 χ^2/NDF: 11682843.9/6

- sign 4069.716+/-0.712 χ^2/NDF: 6138294.1/34

dit_asym_atl_dd_mean vs Slug



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

Left Out: 423.942+/-551.065 χ^2/NDF:26.1/16

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

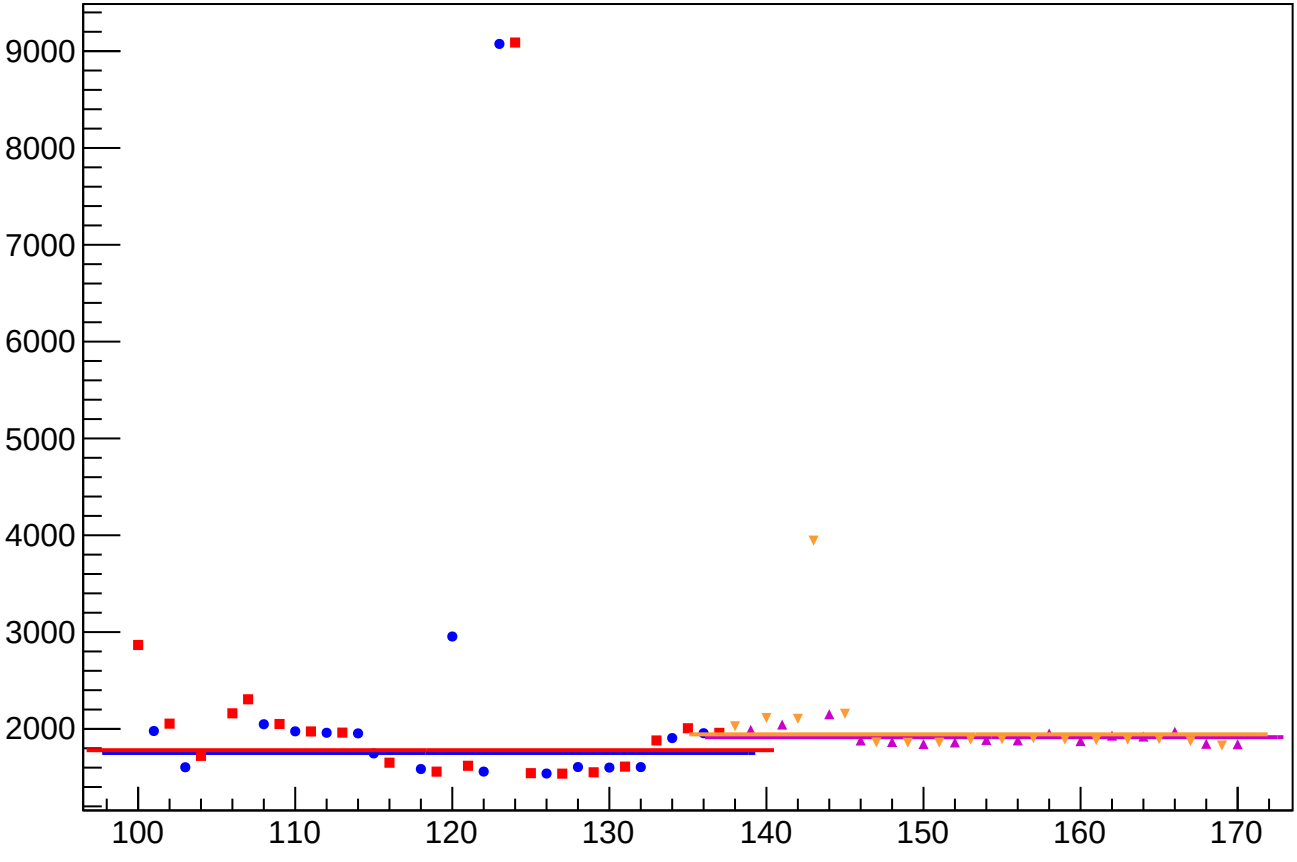
Left In: 783.572+/-541.732 χ^2/NDF:4.7/15

+ sign 348.892+/-429.809 χ^2/NDF: 37.7/33

All: 557.631+/-302.104 χ^2/NDF: 68.7/68

- sign 761.451+/-424.715 χ^2/NDF: 30.5/34

dit_asym_atl_dd_rms vs Slug



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

Left Out: 1943.866+/-0.390 χ^2/NDF:398399.5/16

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

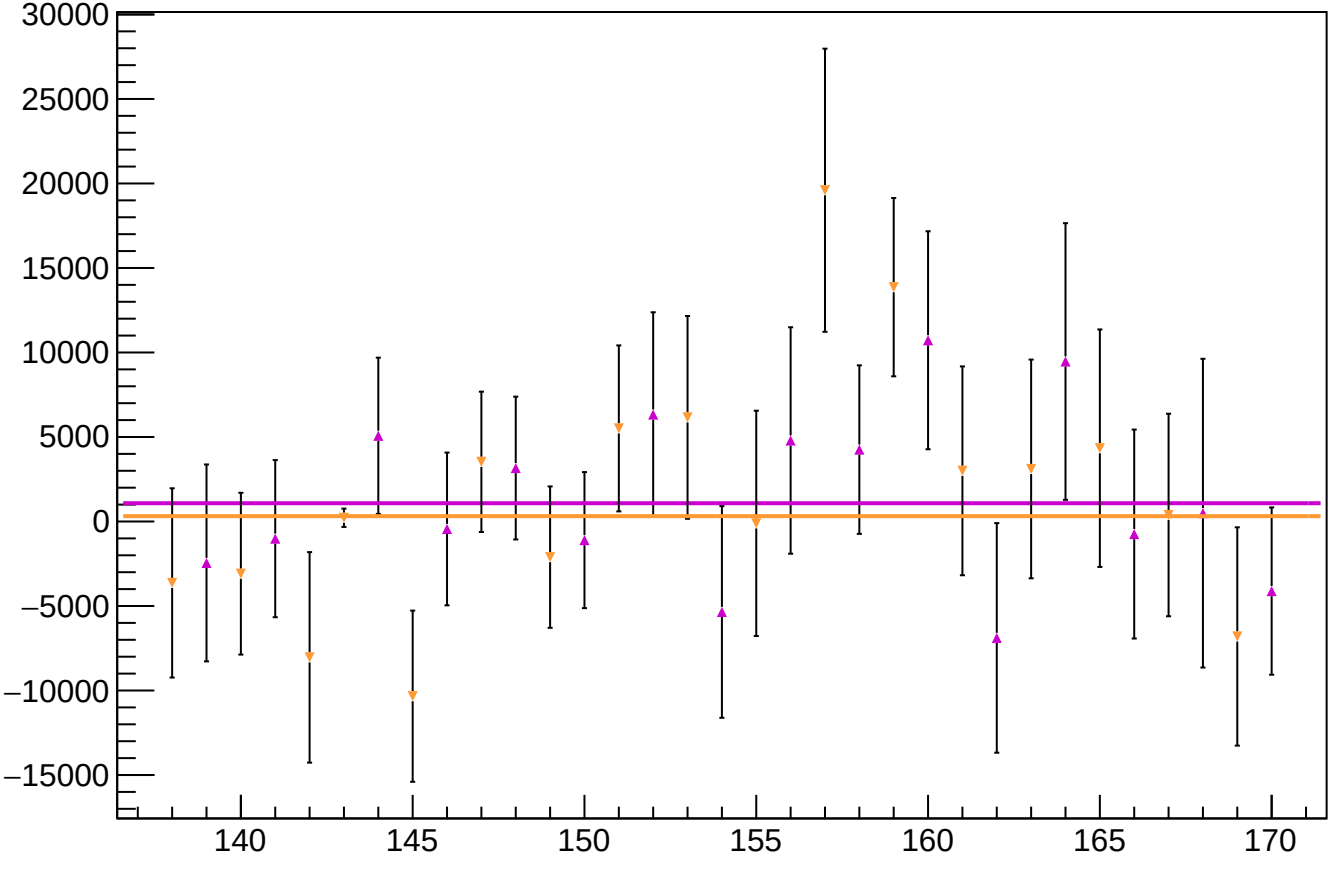
Left In: 1914.434+/-0.383 χ^2/NDF:43340.0/15

+ sign 1868.661+/-0.304 χ^2/NDF: 794404.1/33

All: 1865.597+/-0.214 χ^2/NDF: 1313678.6/68

- sign 1862.609+/-0.300 χ^2/NDF: 519073.7/34

asym_atl_dd_correction_mean vs Slug



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

Left Out: 315.343+/-505.586 χ^2/NDF:24.1/16

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

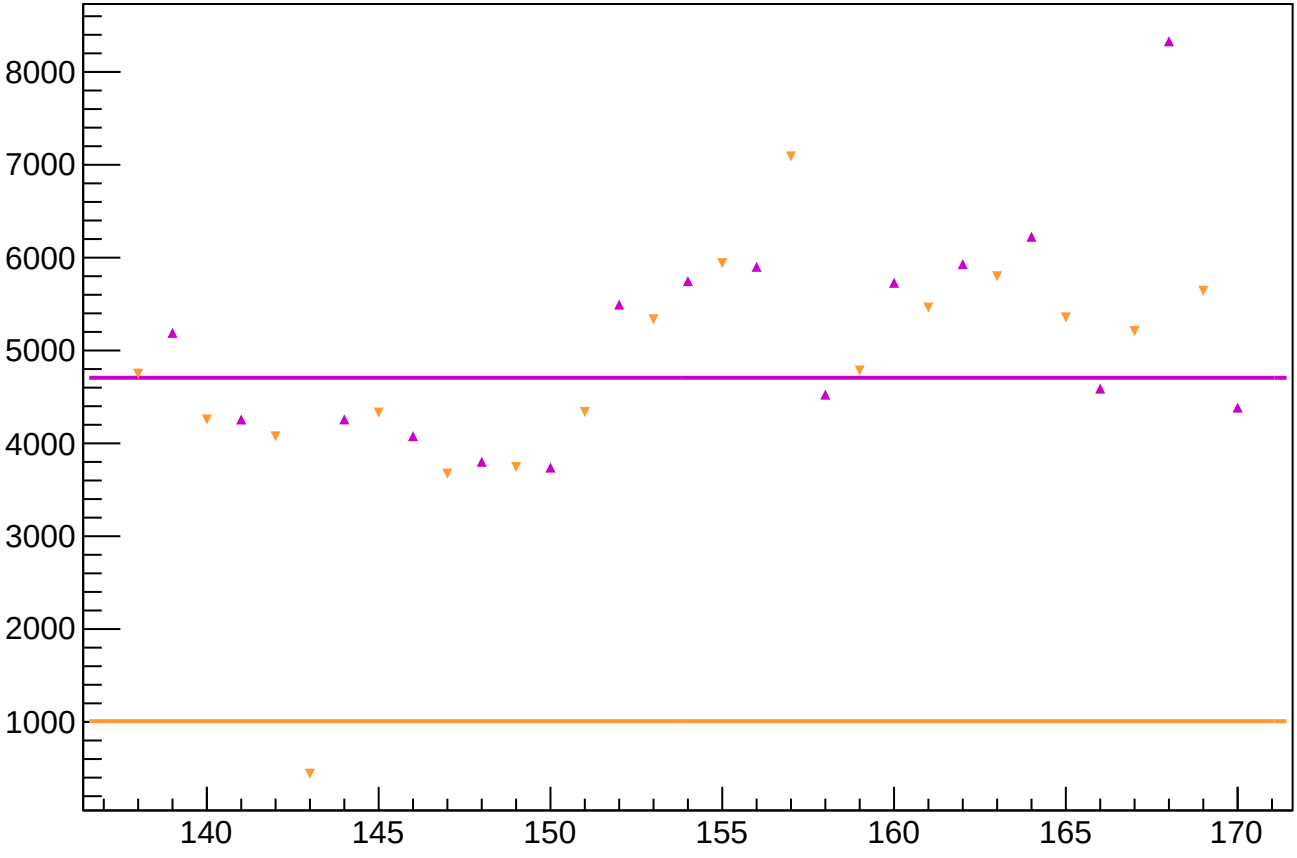
Left In: 1080.865+/-1355.639 χ^2/NDF:10.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 408.819+/-473.714 χ^2/NDF: 34.7/32

- 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: 1007.657+/-0.358 χ^2/NDF:17066365.3/16

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

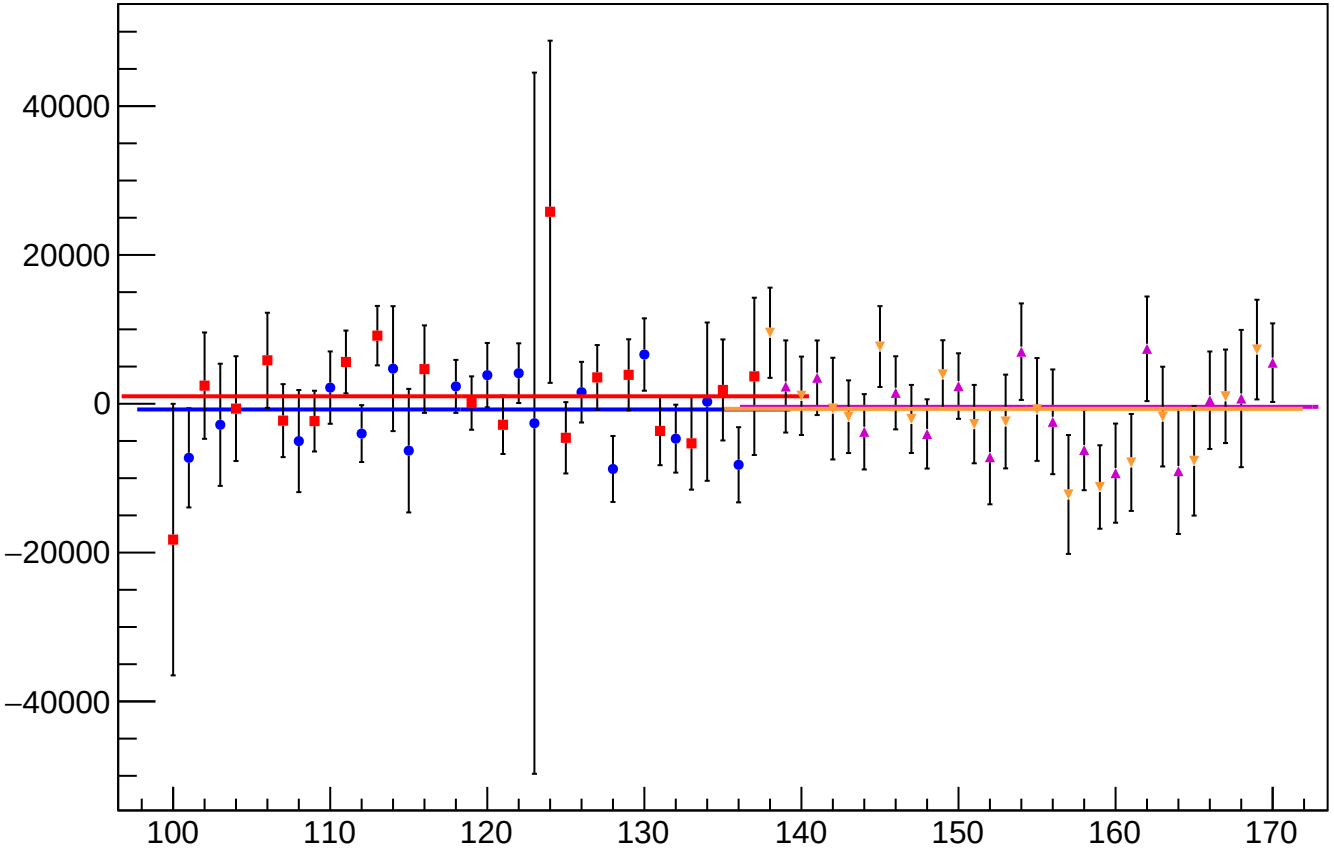
Left In: 4706.196+/-0.959 χ^2/NDF:960786.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1459.277+/-0.335 χ^2/NDF: 31096180.2/3

- 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: -681.276+/-1418.460 χ^2/NDF:15.9/16

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

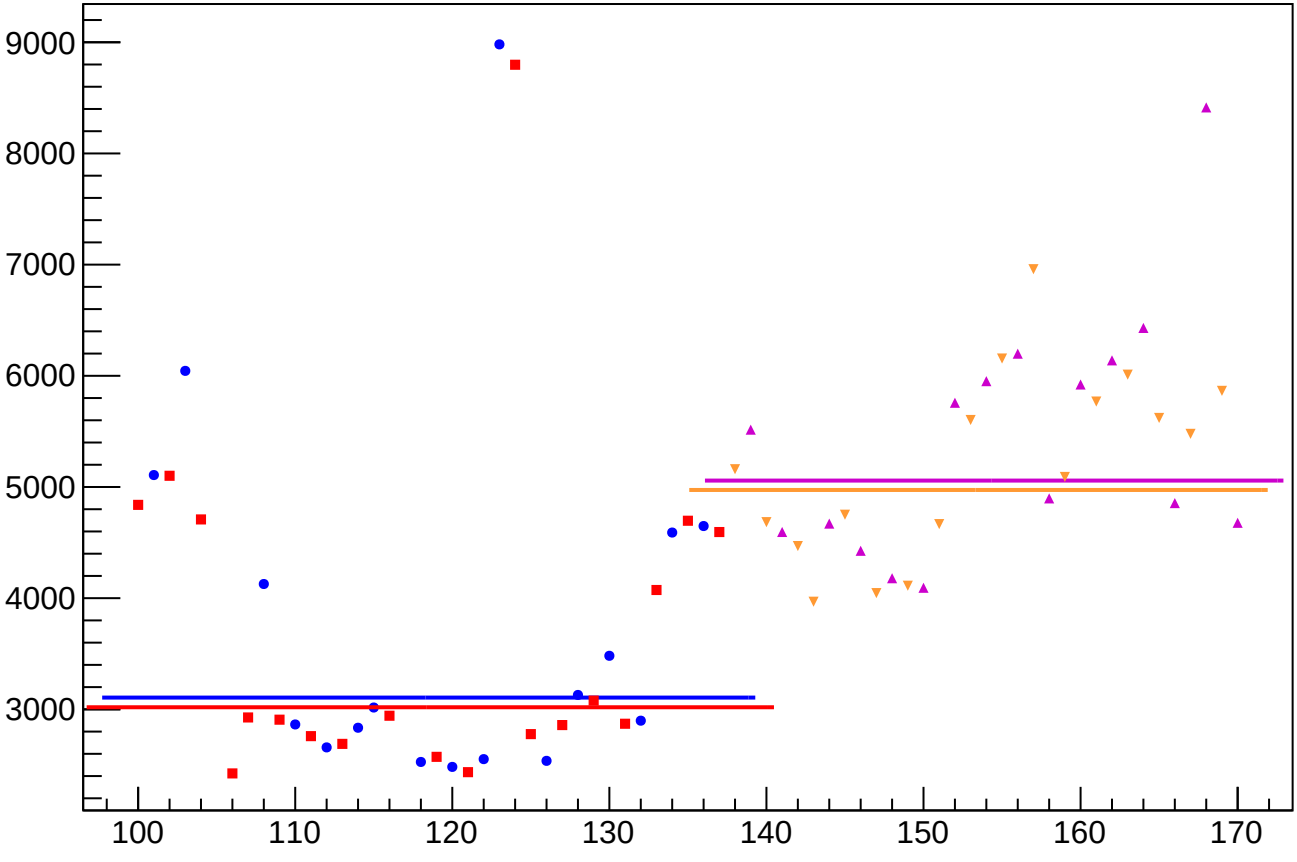
Left In: -409.923+/-1451.251 χ^2/NDF:11.4/15

+ sign -728.539+/-936.845 χ^2/NDF: 31.4/33

All: -136.475+/-656.672 χ^2/NDF: 59.2/68

- sign 435.373+/-920.713 χ^2/NDF: 27.0/34

asym_atl_dd_rms vs Slug



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

Left Out: 4973.228+/-1.003 χ^2/NDF:610563.1/16

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

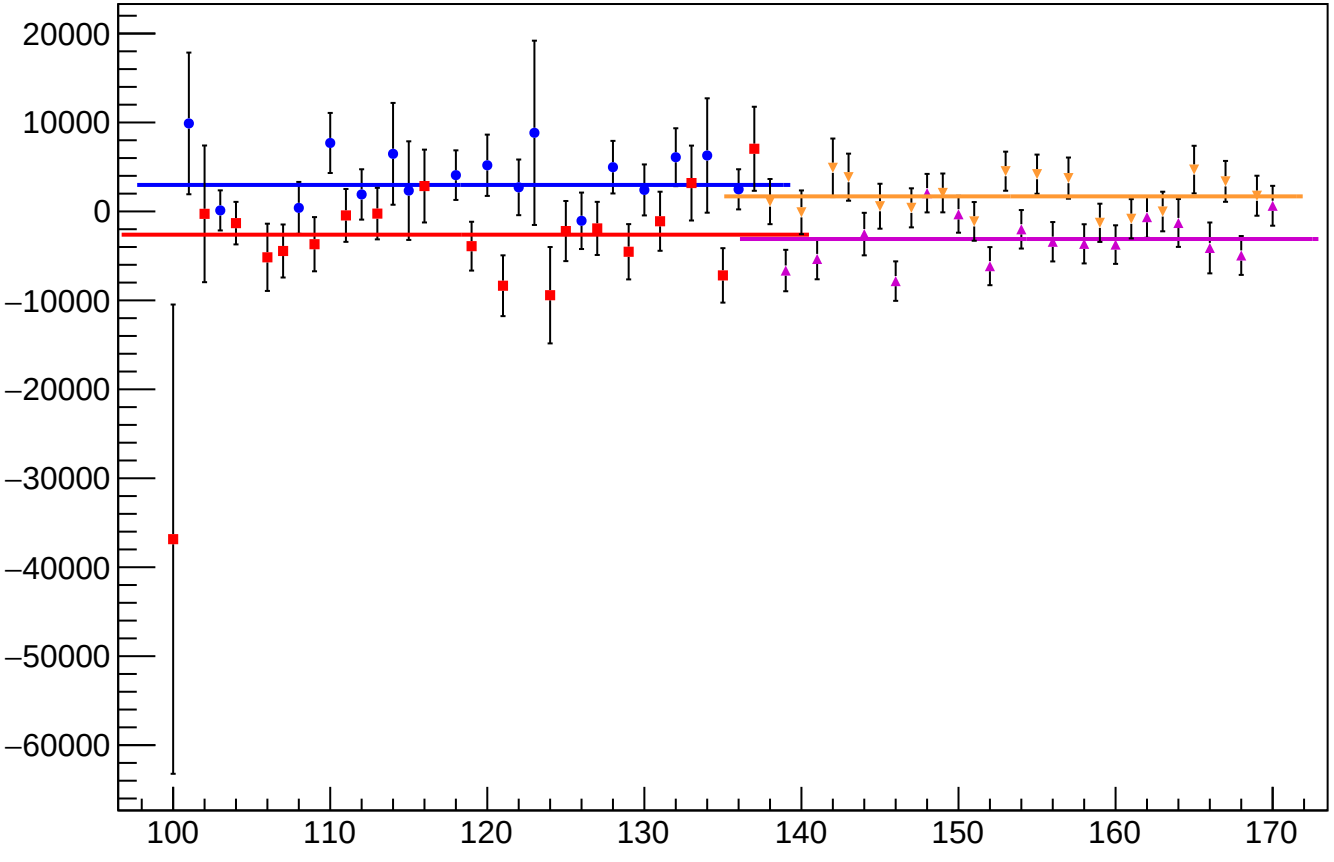
Left In: 5057.680+/-1.026 χ^2/NDF:767308.4/15

+ sign 3920.426+/-0.662 χ^2/NDF: 3524618.5/33

All: 3872.639+/-0.463 χ^2/NDF: 7478811.9/68

- sign 3827.173+/-0.646 χ^2/NDF: 3944038.6/34

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1692.736+/-568.750 χ^2/NDF:13.8/16

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

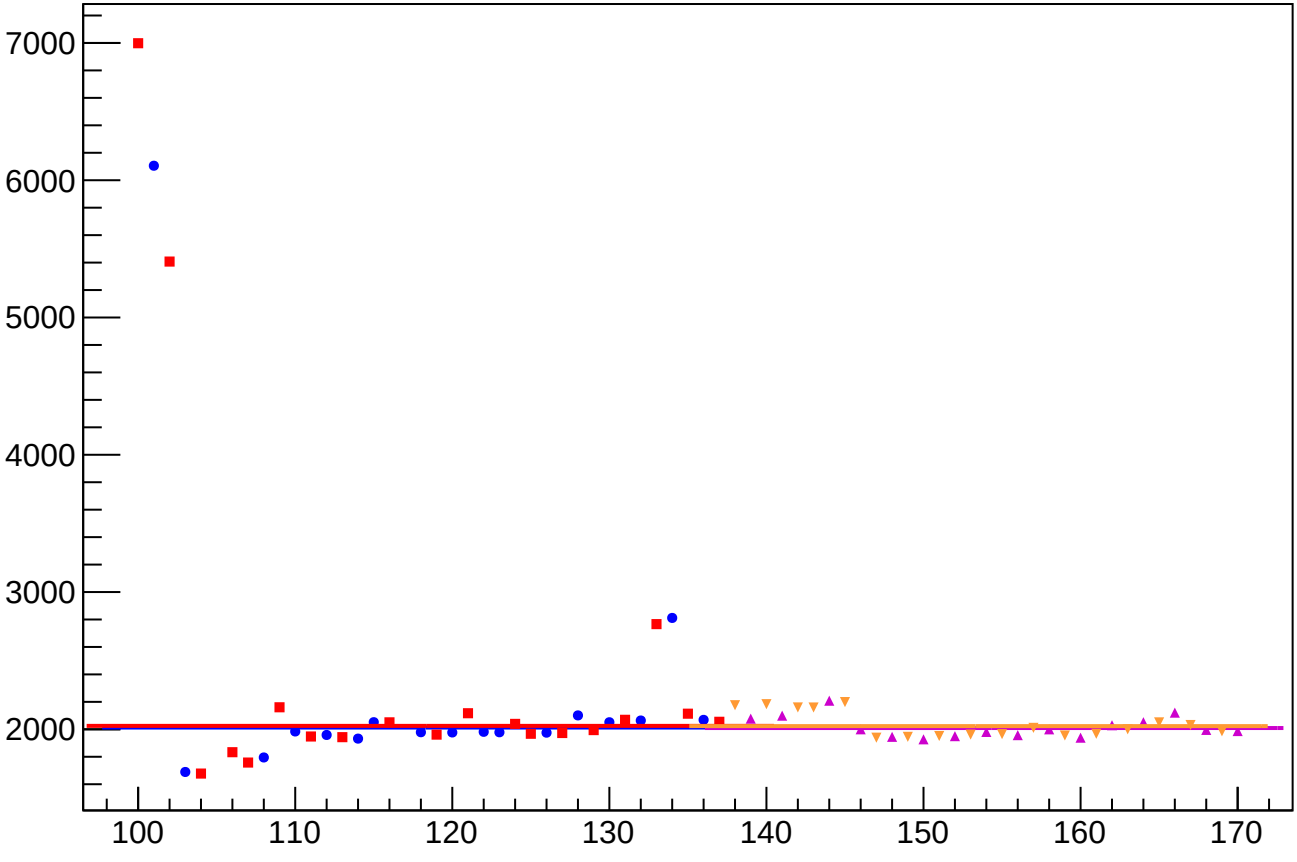
Left In: -3100.906+/-567.106 χ^2/NDF:23.0/15

+ sign 2127.713+/-462.643 χ^2/NDF: 25.4/33

All: -420.979+/-325.964 χ^2/NDF: 128.5/68

- sign -2933.396+/-459.339 χ^2/NDF: 42.9/34

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2023.312+/-0.402 χ^2/NDF:48970.2/16

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

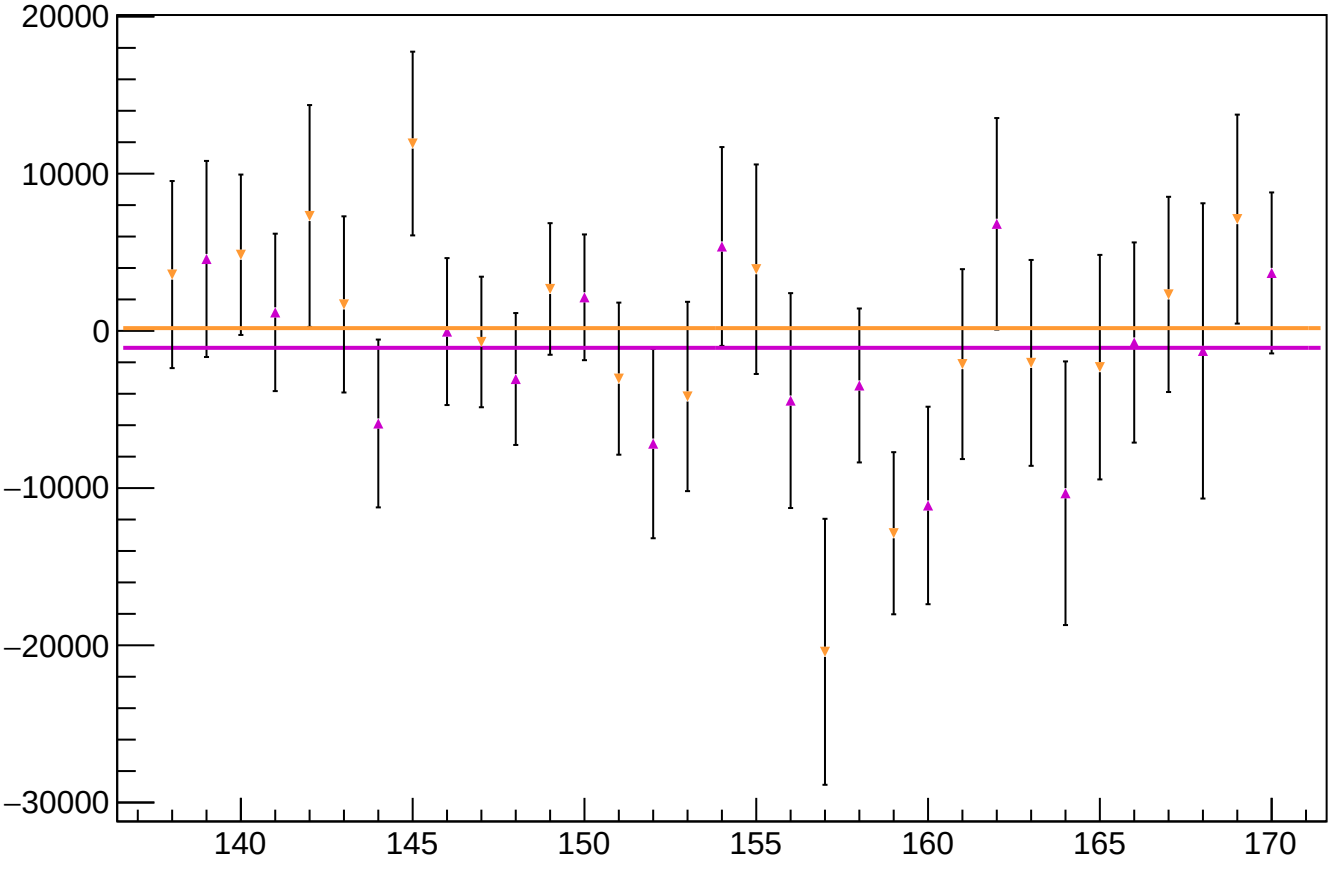
Left In: 2009.276+/-0.401 χ^2/NDF:32758.4/15

+ sign 2019.805+/-0.327 χ^2/NDF: 666902.4/33

All: 2017.239+/-0.230 χ^2/NDF: 1297739.2/68

- sign 2014.710+/-0.325 χ^2/NDF: 630714.7/34

asym_atr_avg_correction_mean vs Slug



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

Left Out: 175.018+/-1378.395 χ^2/NDF:21.9/16

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

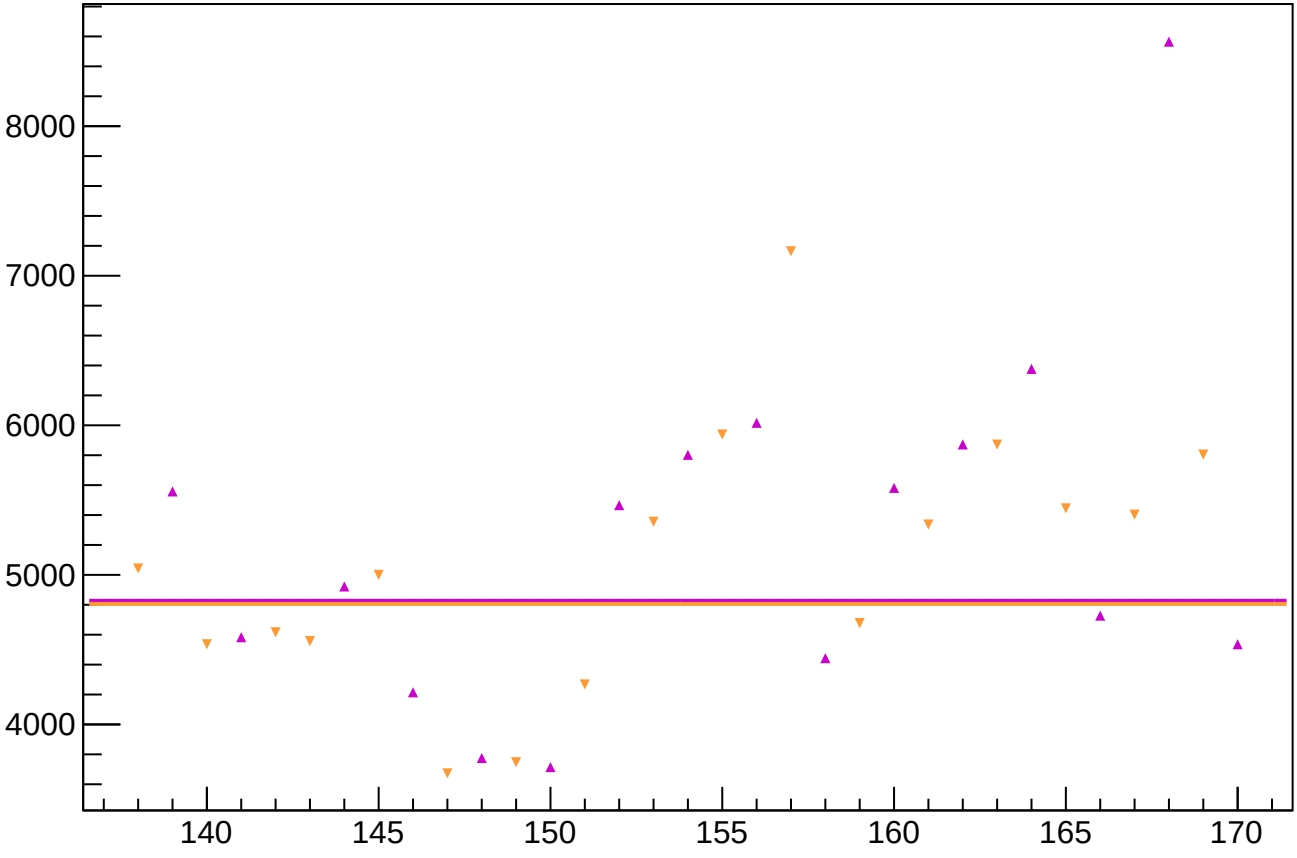
Left In: -1078.779+/-1390.237 χ^2/NDF:11.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -446.518+/-978.832 χ^2/NDF: 33.6/32

- 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: 4805.697+/-0.975 χ^2/NDF:697057.9/16

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

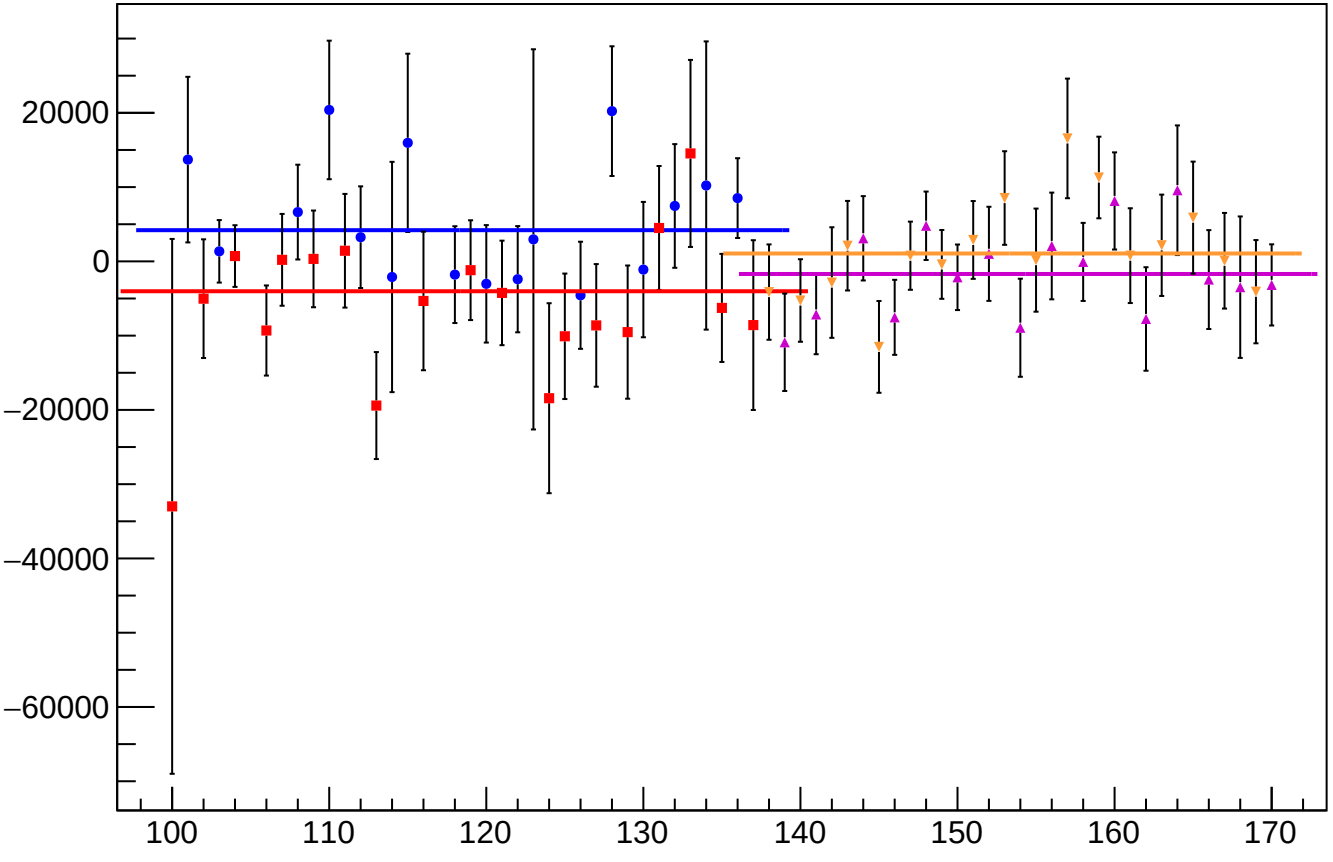
Left In: 4826.573+/-0.983 χ^2/NDF:959889.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4816.046+/-0.692 χ^2/NDF: 1657174.9/32

- 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: 1060.905+/-1471.448 χ^2/NDF:16.2/16

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

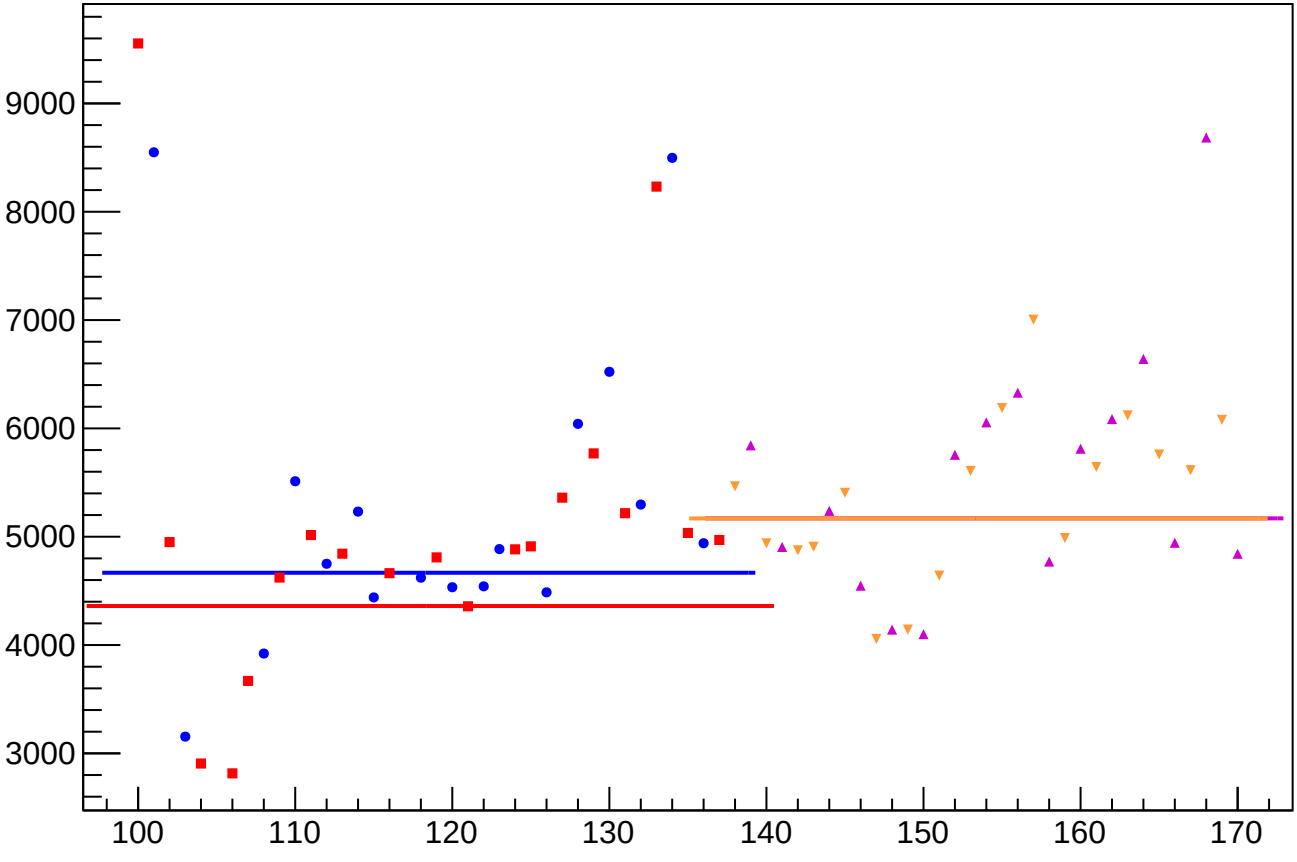
Left In: -1698.306+/-1483.404 χ^2/NDF:13.6/15

+ sign 2270.532+/-1153.475 χ^2/NDF: 32.1/33

All: -270.544+/-805.292 χ^2/NDF: 71.1/68

- sign -2686.755+/-1124.778 χ^2/NDF: 29.5/34

asym_atr_avg_rms vs Slug



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

Left Out: 5169.016+/-1.040 χ^2/NDF:518426.4/16

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

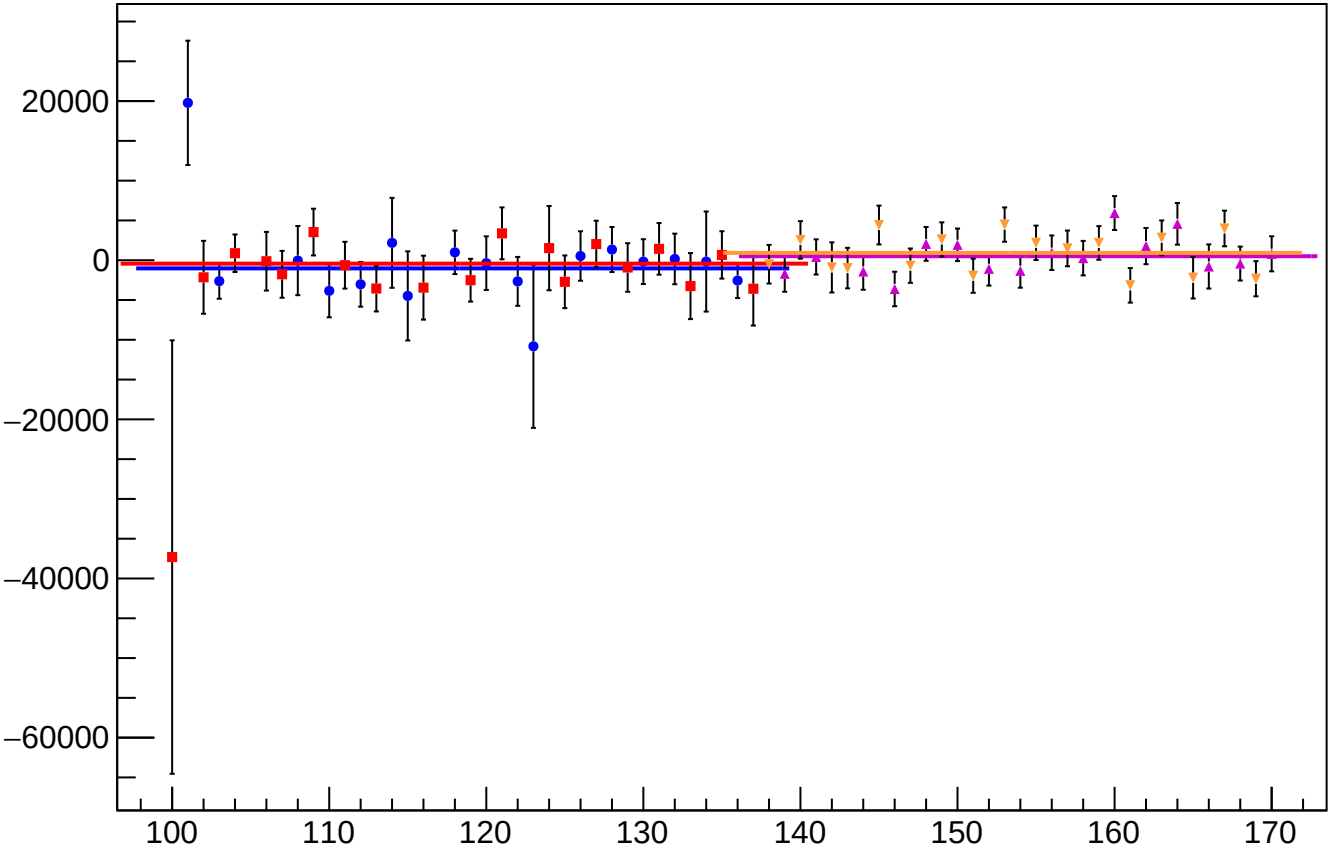
Left In: 5169.390+/-1.049 χ^2/NDF:783086.9/15

+ sign 4975.674+/-0.816 χ^2/NDF: 1385857.7/33

All: 4897.379+/-0.569 χ^2/NDF: 3274040.7/68

- sign 4823.298+/-0.793 χ^2/NDF: 1870249.6/34

dit_asym_atr_dd_mean vs Slug



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

Left Out: 925.183+/-555.078 χ^2/NDF:20.0/16

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

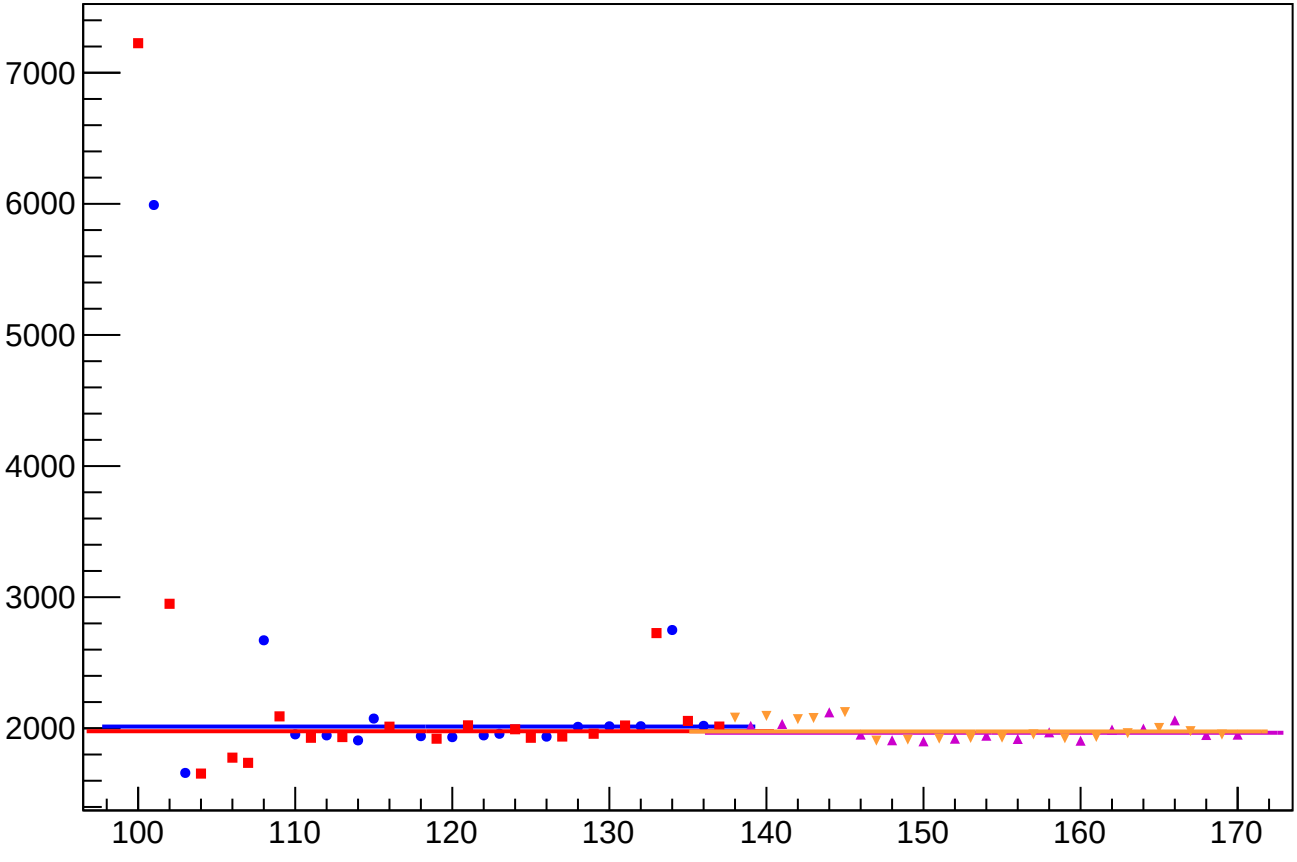
Left In: 504.105+/-554.690 χ^2/NDF:17.3/15

+ sign 287.101+/-455.419 χ^2/NDF: 37.1/33

All: 232.918+/-319.452 χ^2/NDF: 66.1/68

- sign 180.435+/-448.214 χ^2/NDF: 29.0/34

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1975.771+/-0.392 χ^2/NDF:30797.2/16

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

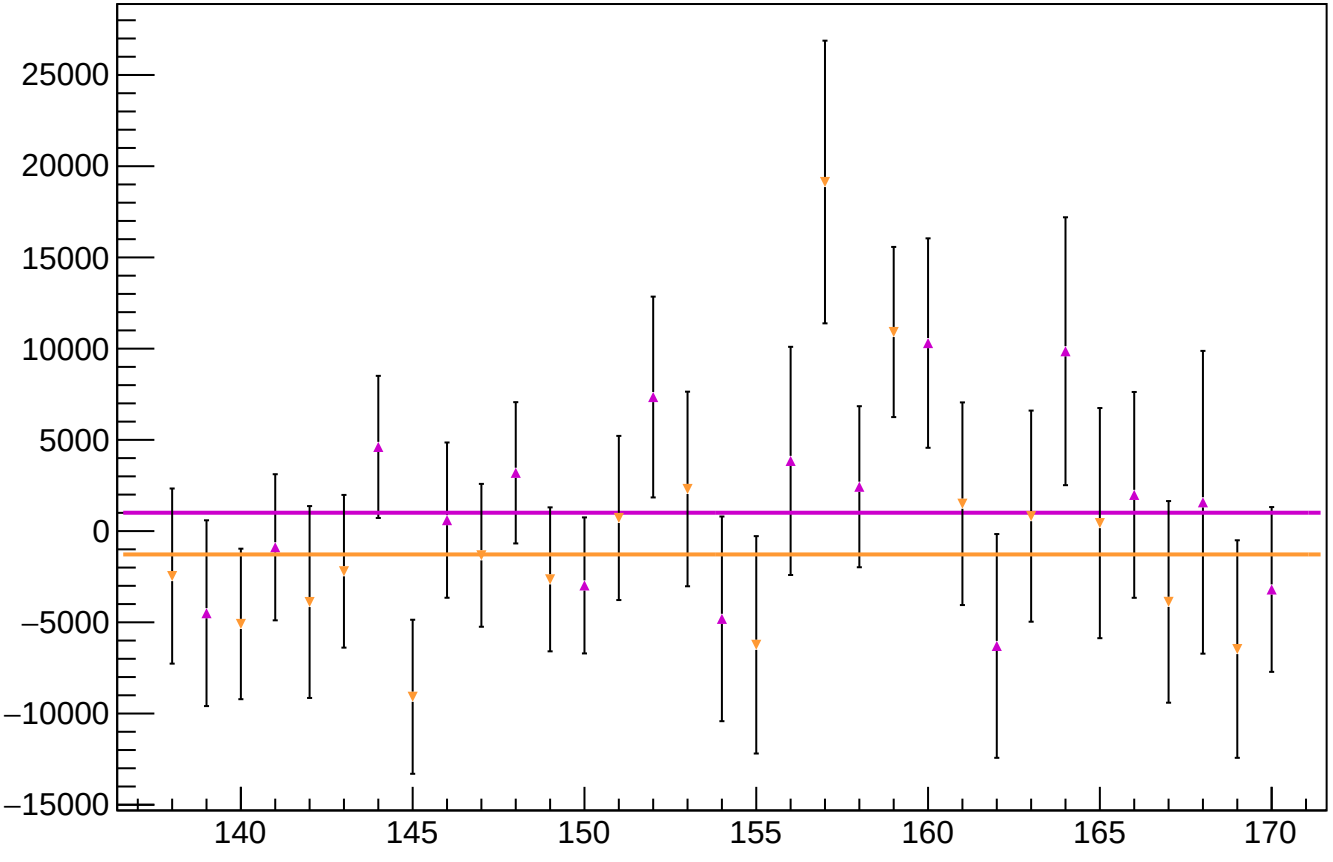
Left In: 1965.923+/-0.392 χ^2/NDF:22470.5/15

+ sign 1988.028+/-0.322 χ^2/NDF: 683829.1/33

All: 1978.848+/-0.226 χ^2/NDF: 1003103.0/68

- sign 1969.962+/-0.317 χ^2/NDF: 317674.8/34

asym_atr_dd_correction_mean vs Slug



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

Left Out: -1279.666+/-1191.259 χ^2/NDF:21.3/16

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

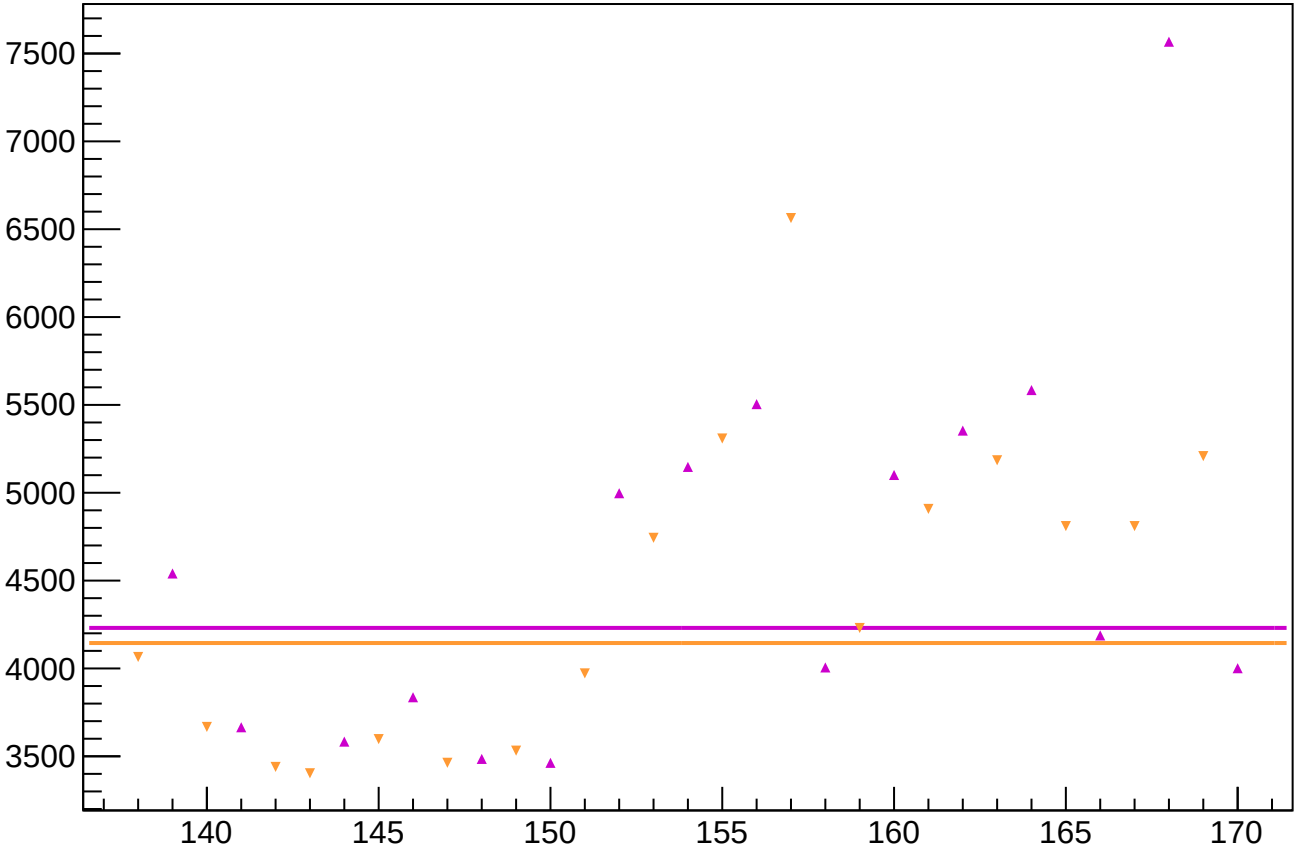
Left In: 1006.058+/-1219.098 χ^2/NDF:12.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -163.200+/-852.019 χ^2/NDF: 35.9/32

- 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: 4144.683+/-0.842 χ^2/NDF:785957.5/16

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

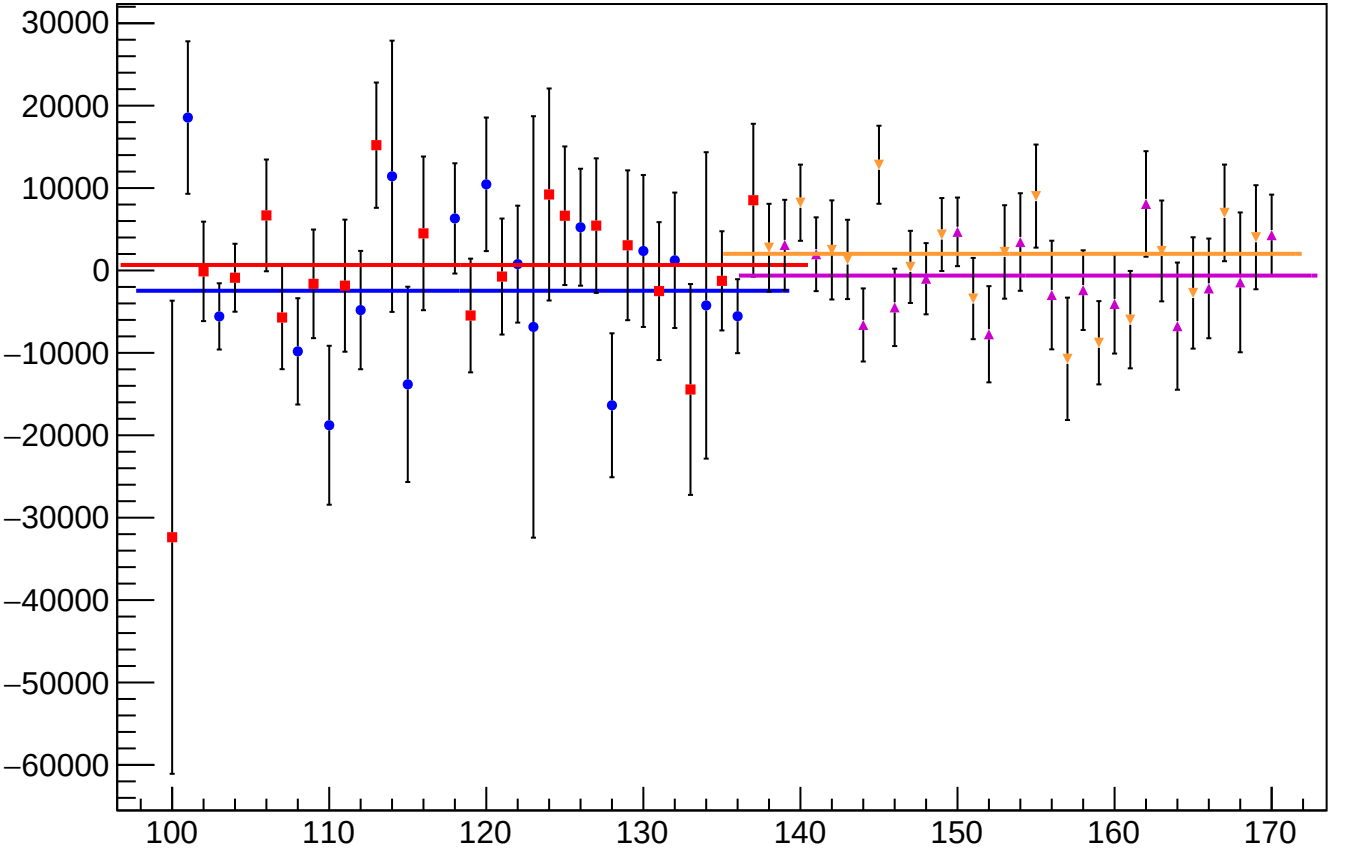
Left In: 4230.774+/-0.862 χ^2/NDF:968746.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4186.734+/-0.602 χ^2/NDF: 1759806.2/32

- 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: 2020.182+/-1305.097 χ^2/NDF:20.6/16

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

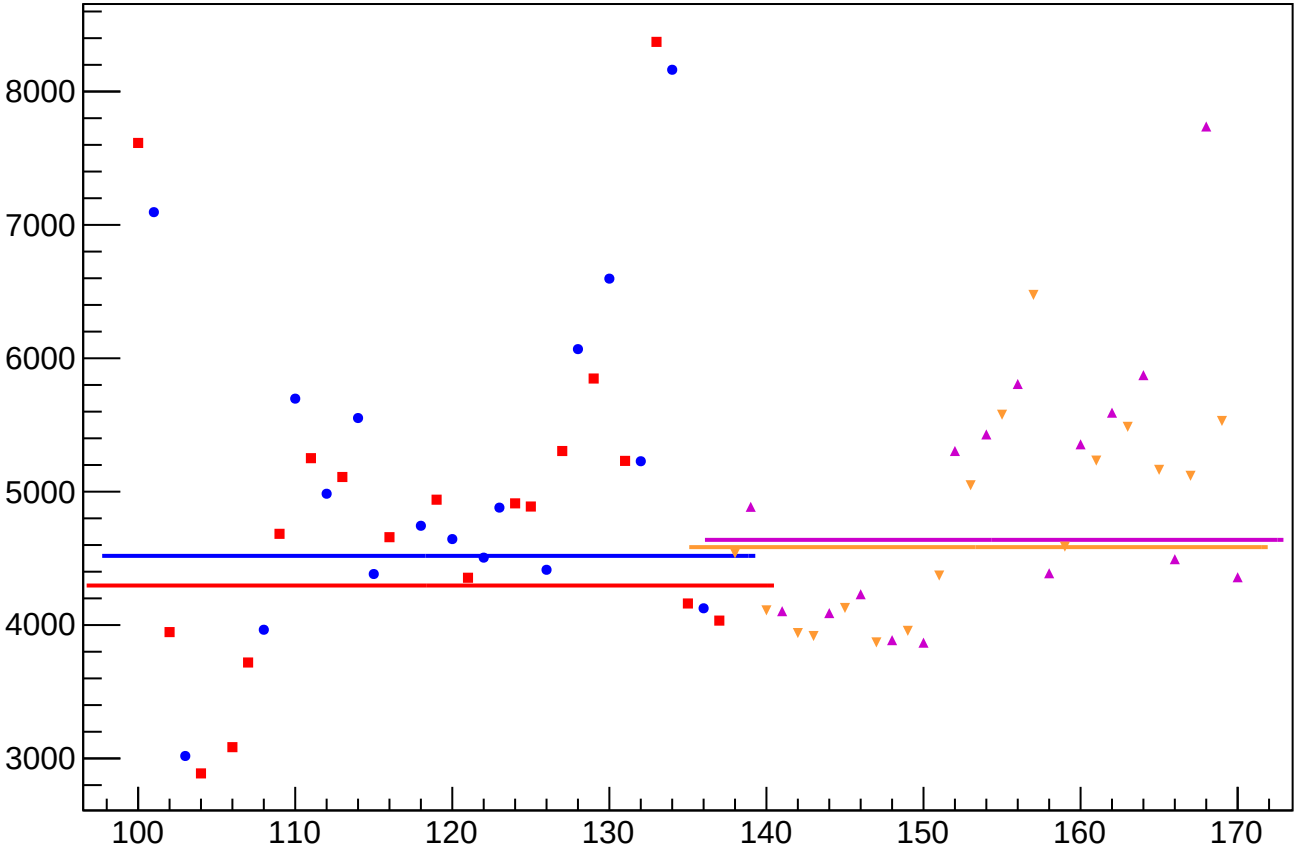
Left In: -621.220+/-1329.482 χ^2/NDF:11.0/15

+ sign 472.644+/-1056.045 χ^2/NDF: 45.5/33

All: 168.616+/-742.752 χ^2/NDF: 68.9/68

- sign -129.008+/-1044.863 χ^2/NDF: 23.3/34

asym_atr_dd_rms vs Slug



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

Left Out: 4584.208+/-0.923 χ^2/NDF:535361.5/16

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

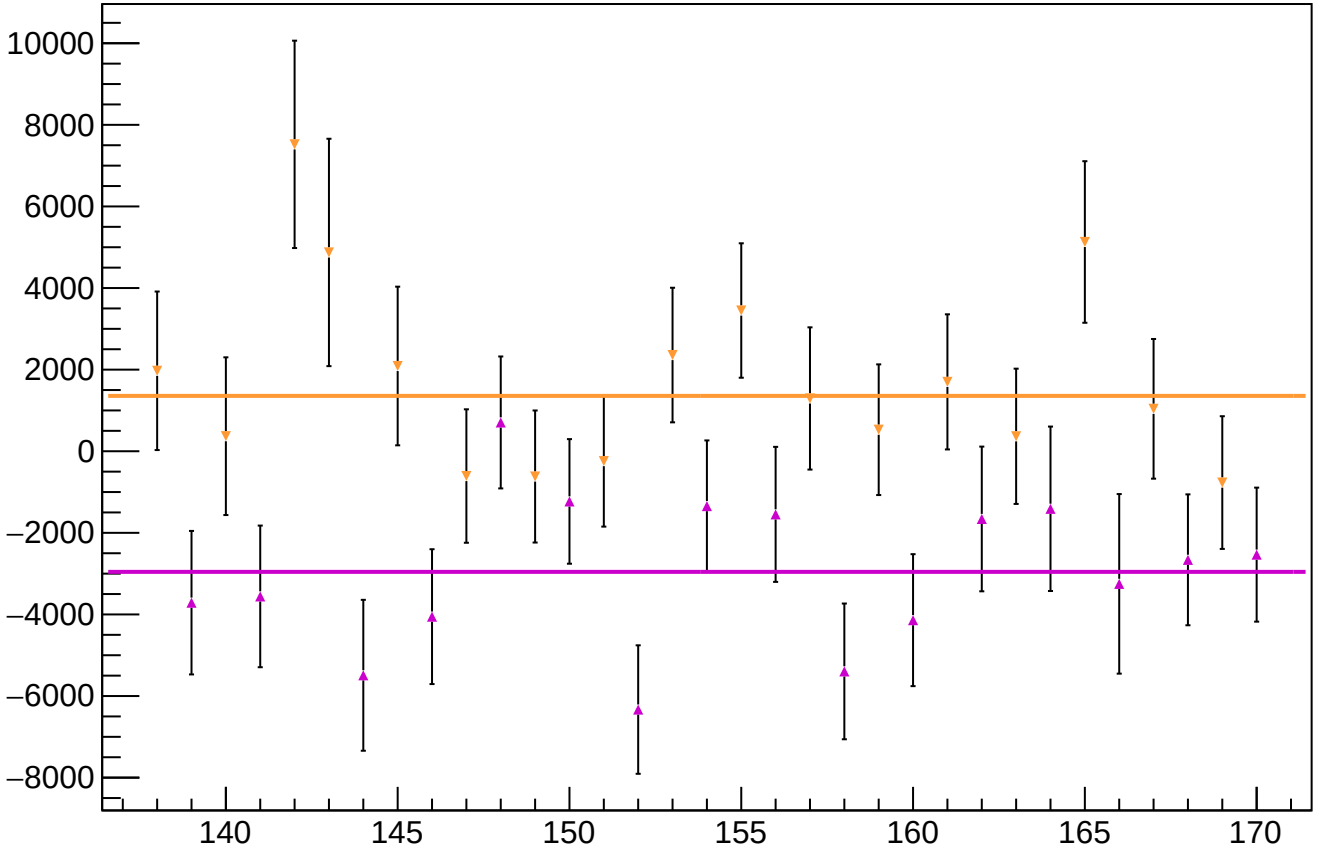
Left In: 4638.721+/-0.940 χ^2/NDF:735979.9/15

+ sign 4561.586+/-0.747 χ^2/NDF: 1307328.9/33

All: 4533.910+/-0.525 χ^2/NDF: 2868774.9/68

- sign 4506.932+/-0.737 χ^2/NDF: 1558733.4/34

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1356.860+/-431.031 χ^2/NDF:19.9/16

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

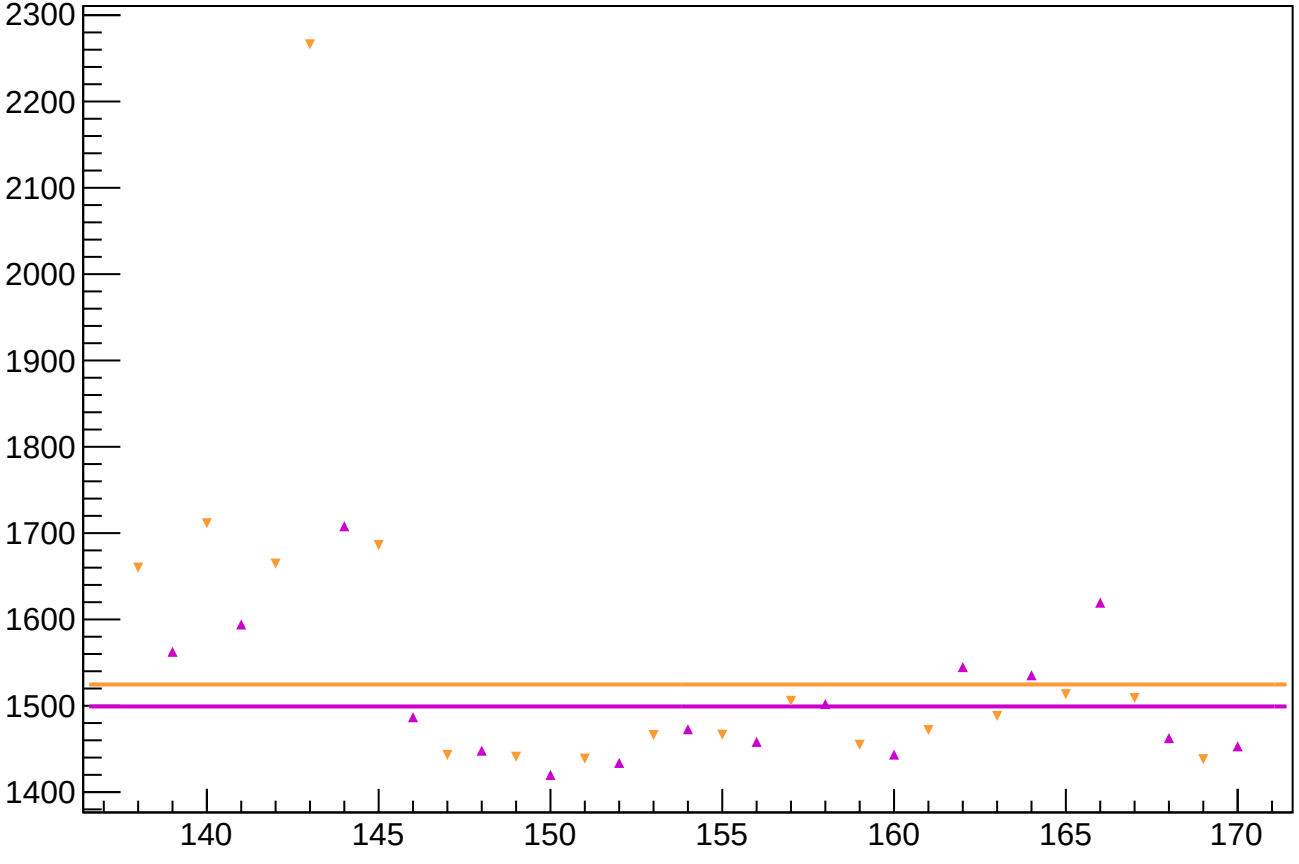
Left In: -2956.562+/-424.350 χ^2/NDF:19.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -833.541+/-302.395 χ^2/NDF: 90.1/32

- 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: 1524.669+/-0.305 χ^2/NDF:223879.8/16

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

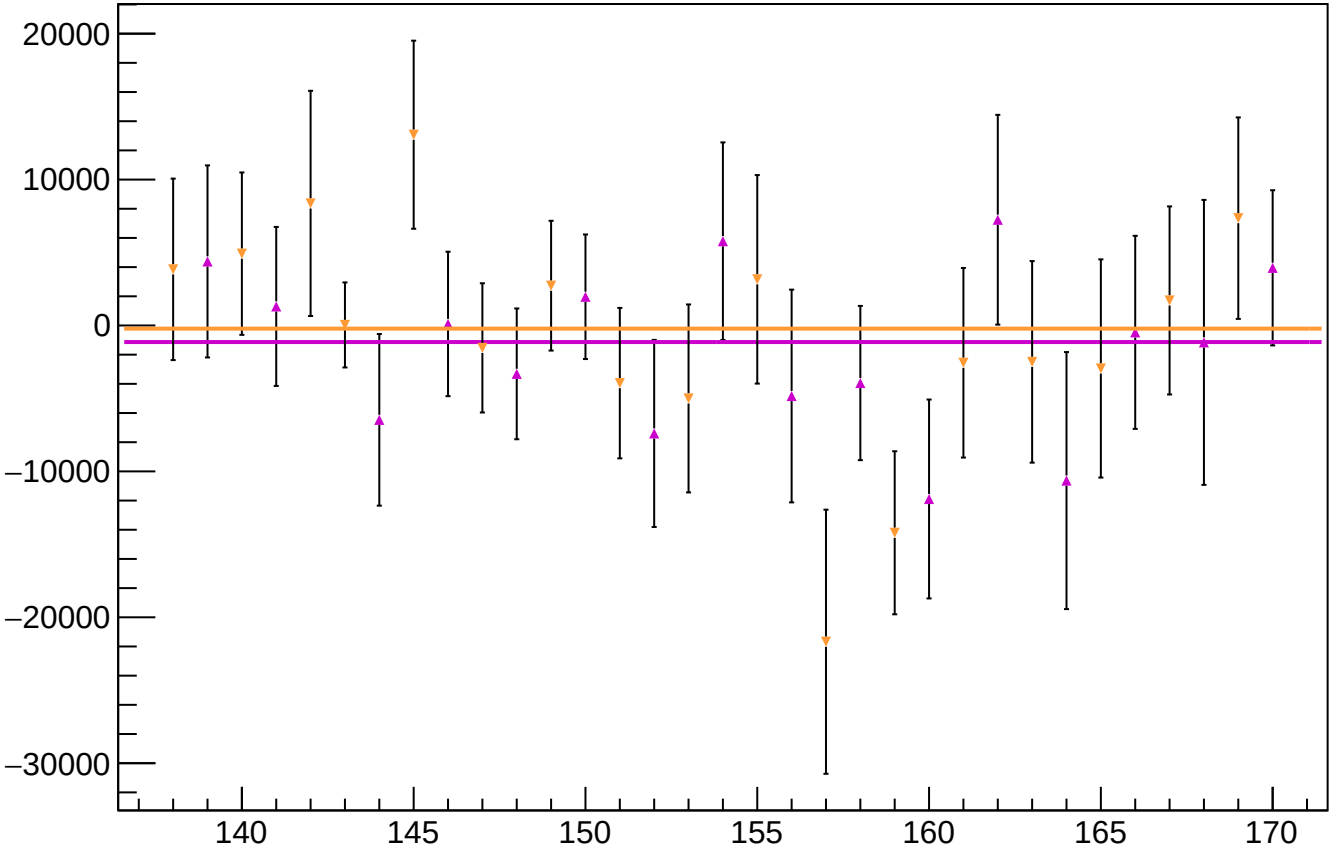
Left In: 1499.227+/-0.300 χ^2/NDF:59717.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1511.749+/-0.214 χ^2/NDF: 287135.5/32

- 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: -215.918+/-1346.635 χ^2/NDF:22.2/16

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

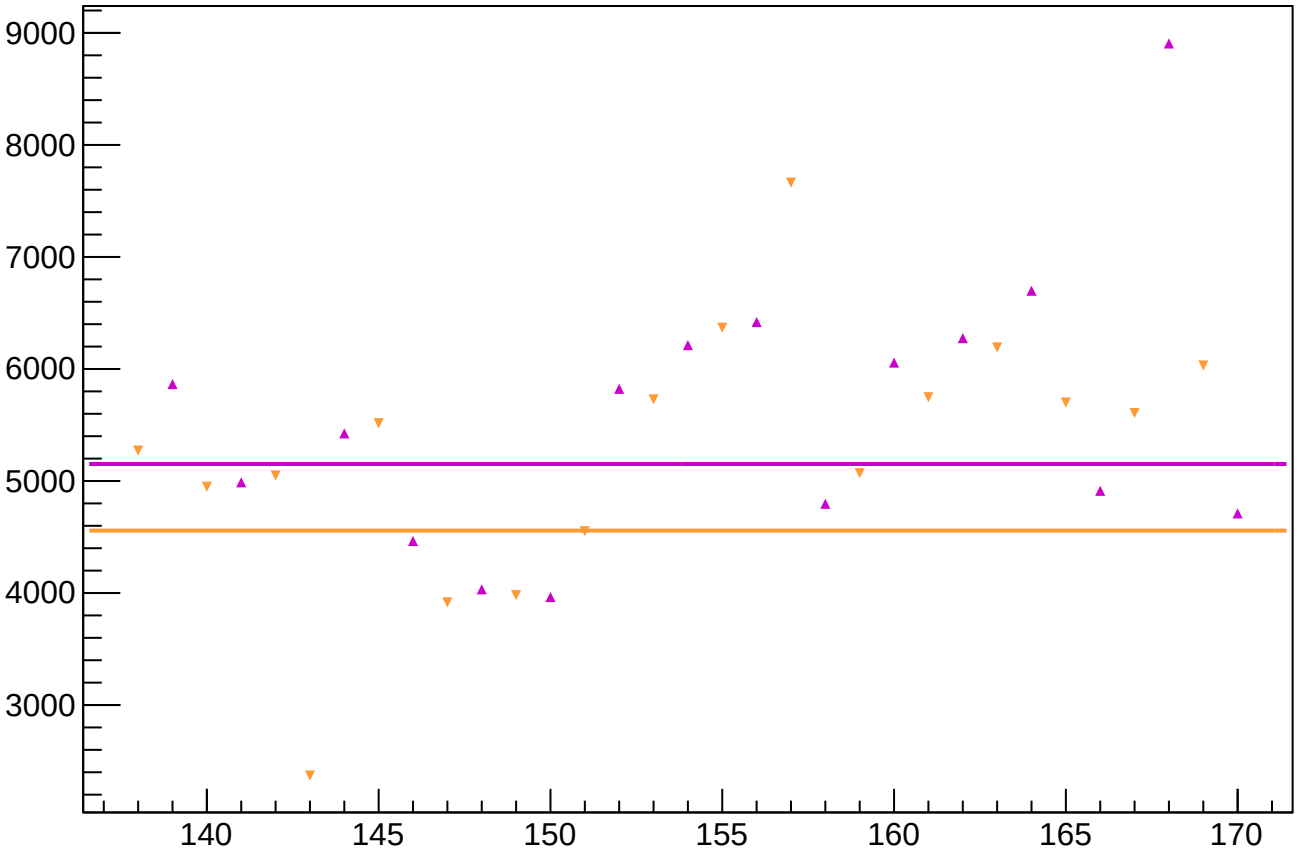
Left In: -1136.201+/-1483.502 χ^2/NDF:11.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -631.658+/-997.099 χ^2/NDF: 33.4/32

- 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: 4557.176+/-0.952 χ^2/NDF:2107217.2/16

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

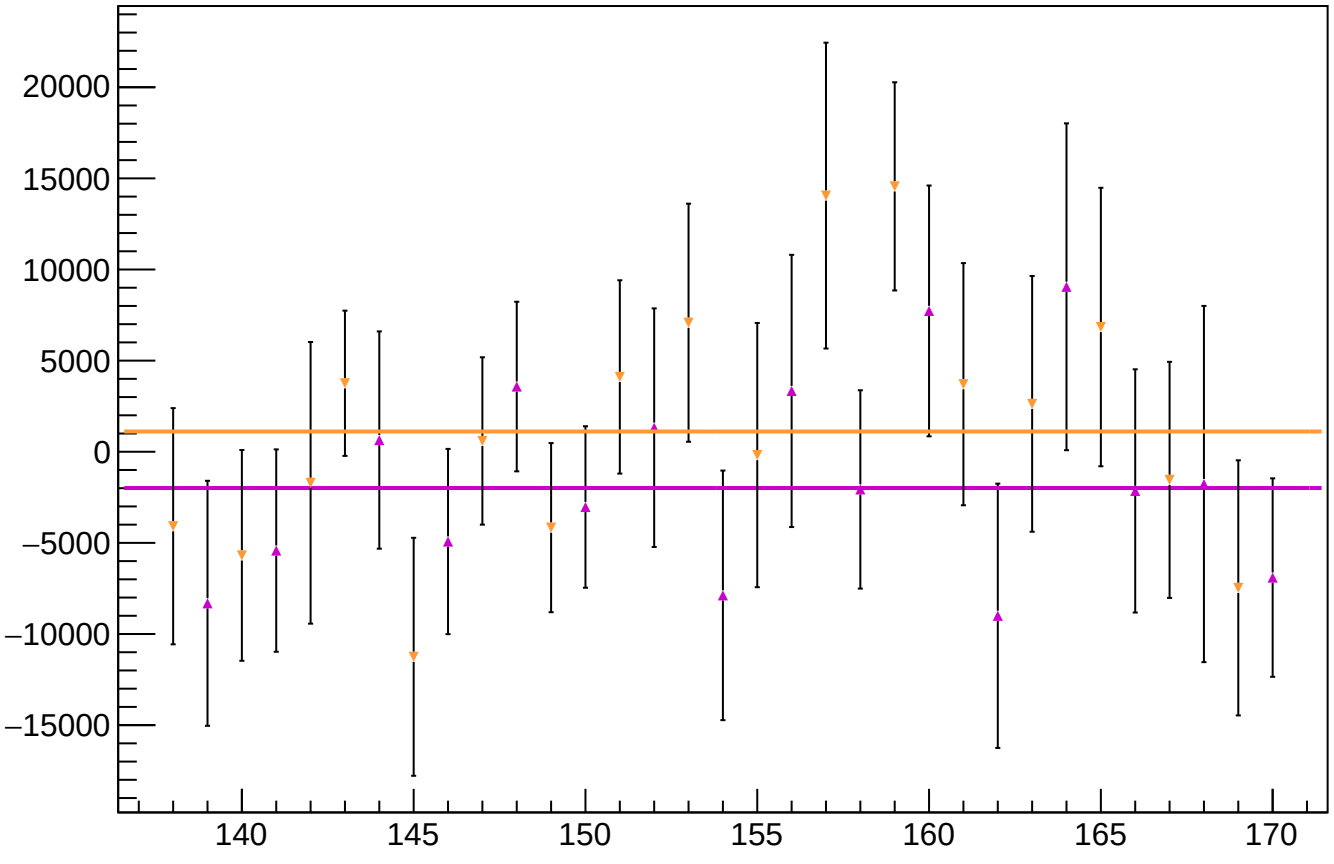
Left In: 5151.924+/-1.049 χ^2/NDF:945946.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4825.855+/-0.705 χ^2/NDF: 3229400.9/32

- 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: 1111.115+/-1446.342 χ^2/NDF:19.0/16

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

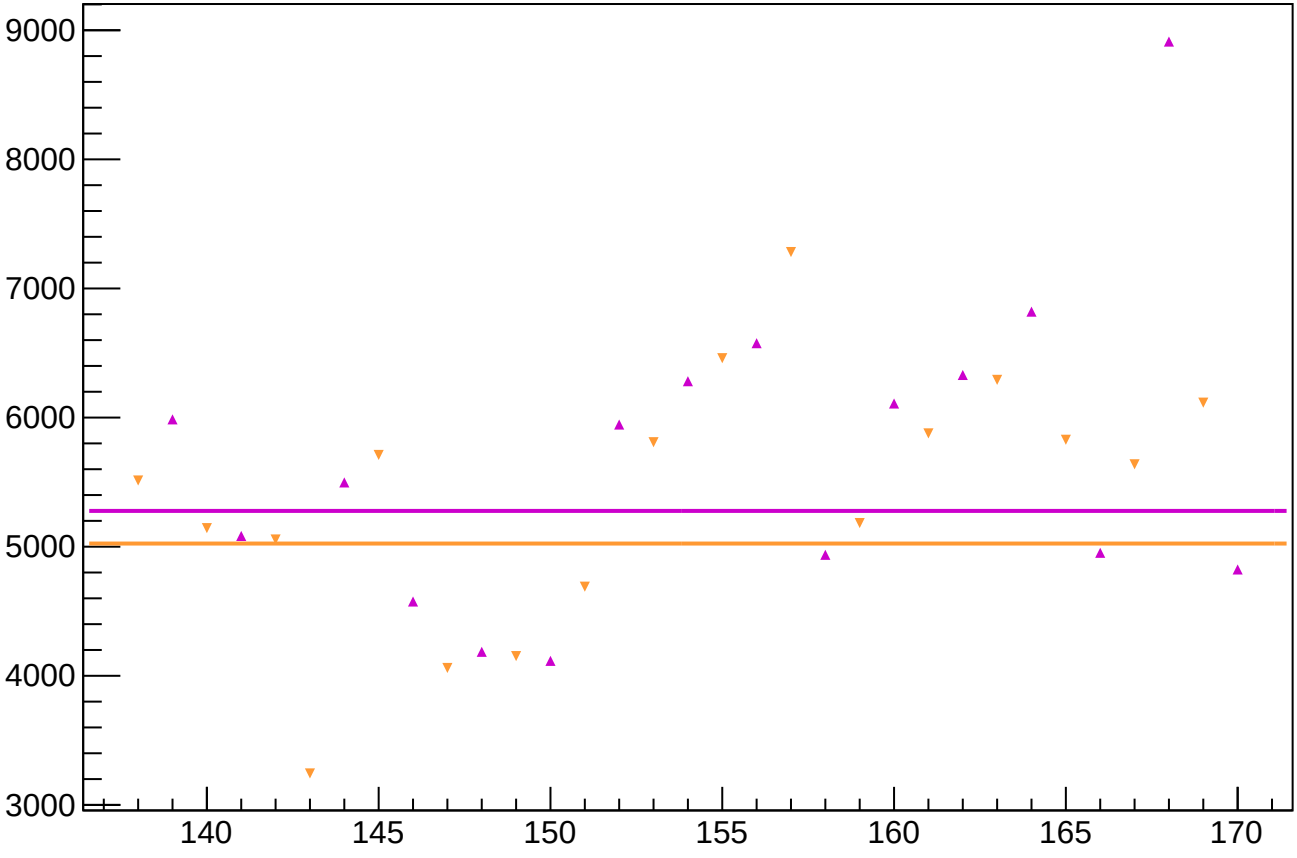
Left In: -1989.997+/-1517.585 χ^2/NDF:10.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -364.944+/-1046.999 χ^2/NDF: 31.3/32

- 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: 5024.315+/-1.023 χ^2/NDF:1041044.3/16

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

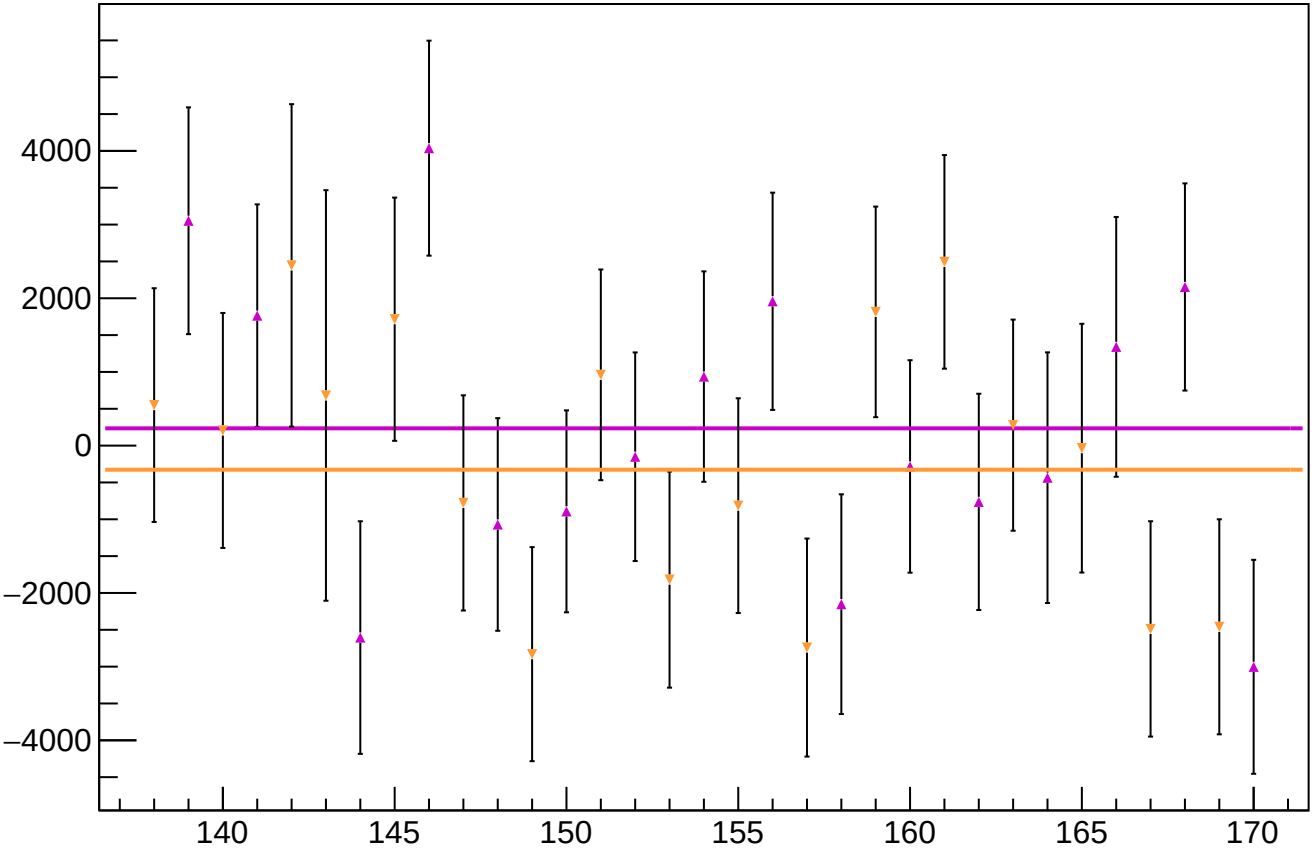
Left In: 5277.121+/-1.073 χ^2/NDF:871284.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5144.645+/-0.740 χ^2/NDF: 1941412.3/32

- 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: -327.171+/-376.344 χ^2/NDF:21.9/16

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

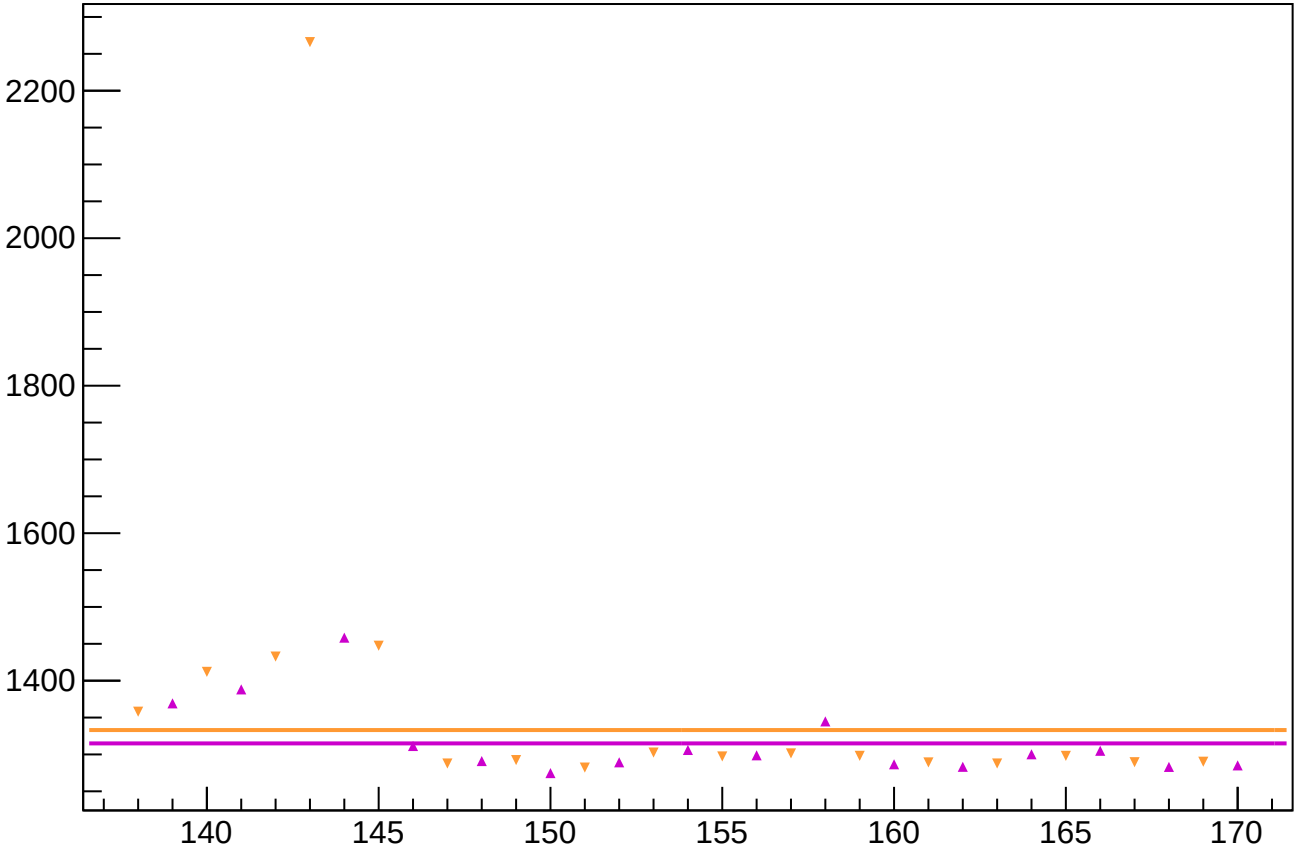
Left In: 234.374+/-371.760 χ^2/NDF:28.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -42.958+/-264.480 χ^2/NDF: 51.2/32

- 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: 1333.053+/-0.266 χ^2/NDF:261721.0/16

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

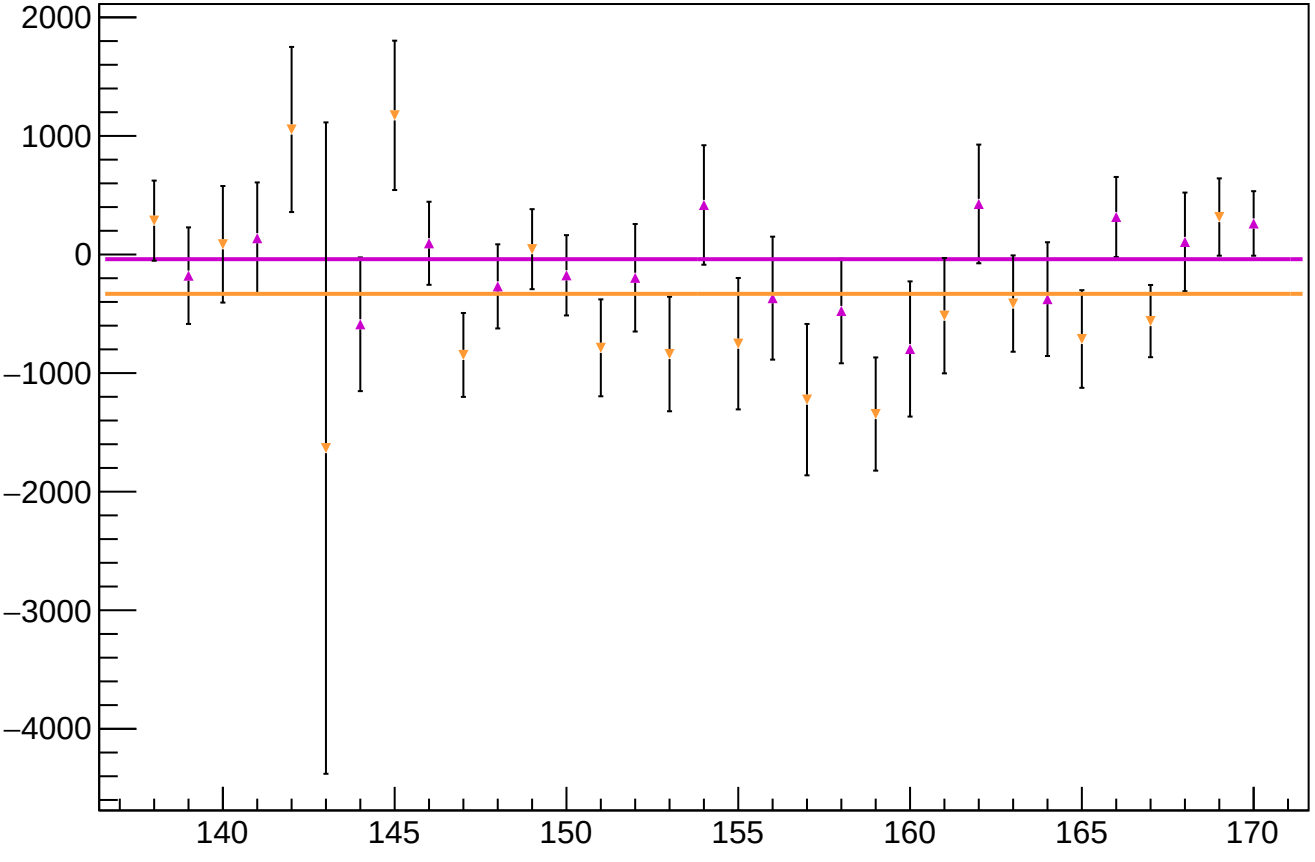
Left In: 1314.962+/-0.263 χ^2/NDF:31546.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1323.896+/-0.187 χ^2/NDF: 295606.1/32

- 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: -331.695+/-104.752 χ^2/NDF:32.3/16

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

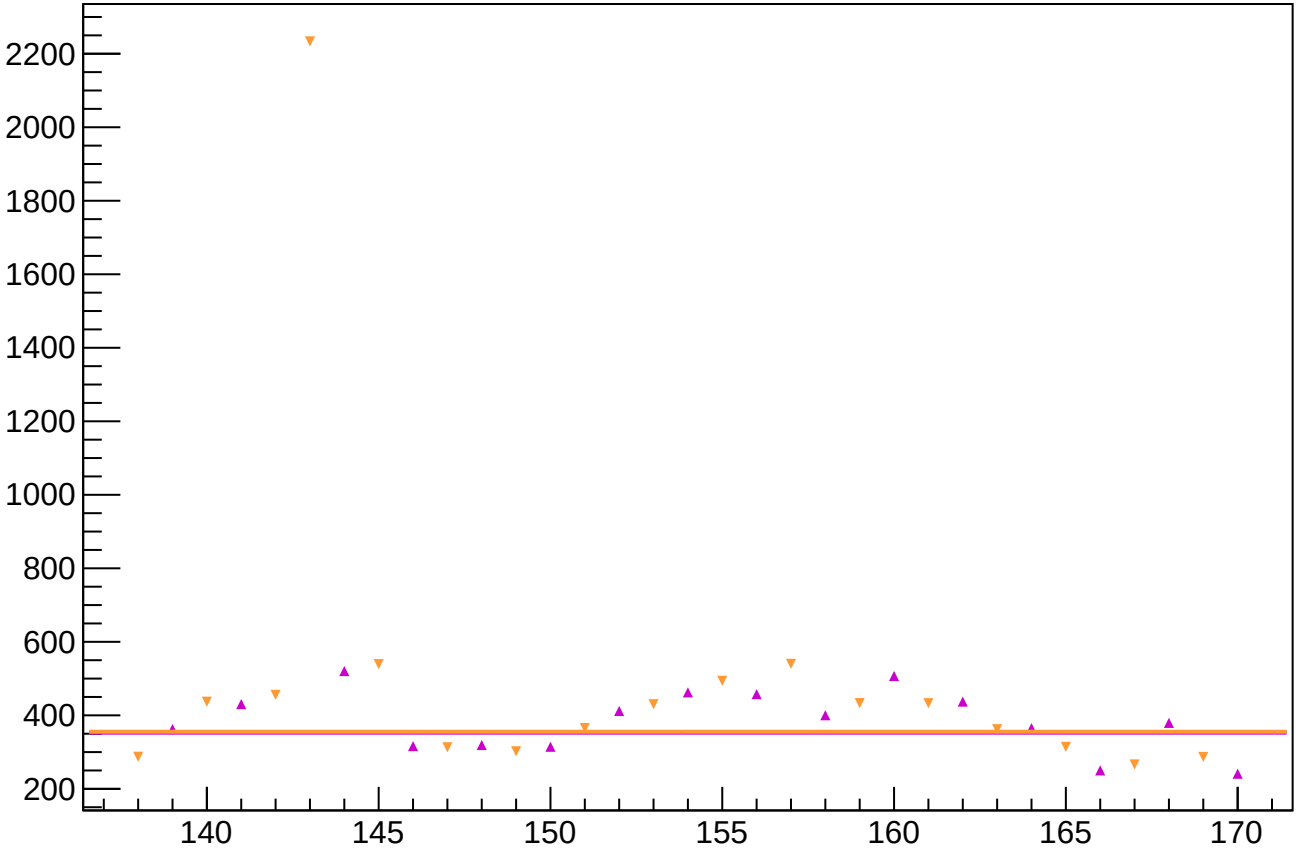
Left In: -39.442+/-102.243 χ^2/NDF:9.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -182.026+/-73.168 χ^2/NDF: 46.1/32

- 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: 355.451+/-0.074 χ^2/NDF:2088066.4/16

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

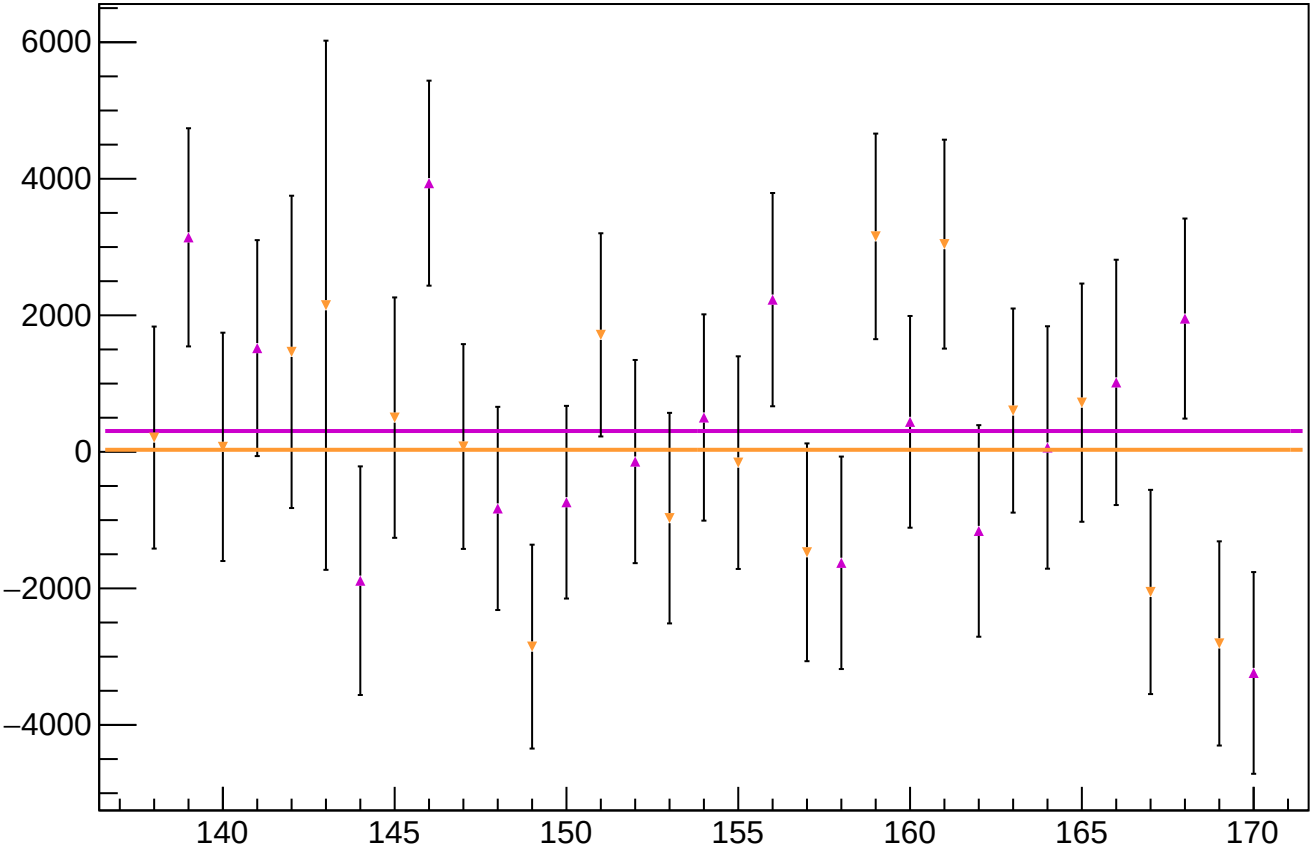
Left In: 352.884+/-0.072 χ^2/NDF:1266429.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 354.136+/-0.052 χ^2/NDF: 3355111.4/32

- 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: 30.221+/-394.531 χ^2/NDF:21.1/16

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

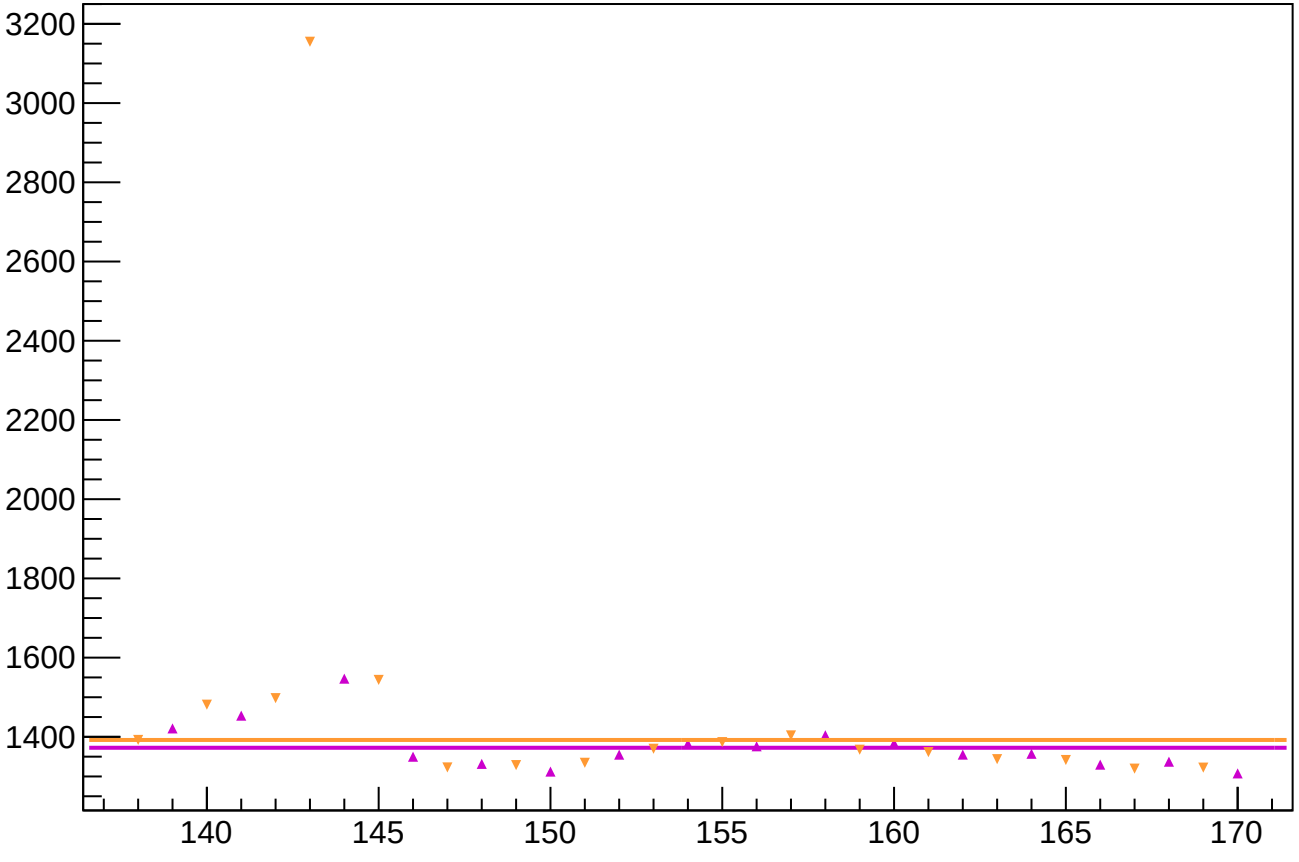
Left In: 305.208+/-388.046 χ^2/NDF:23.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 169.993+/-276.654 χ^2/NDF: 45.1/32

- 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: 1392.138+/-0.279 χ^2/NDF:464084.7/16

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

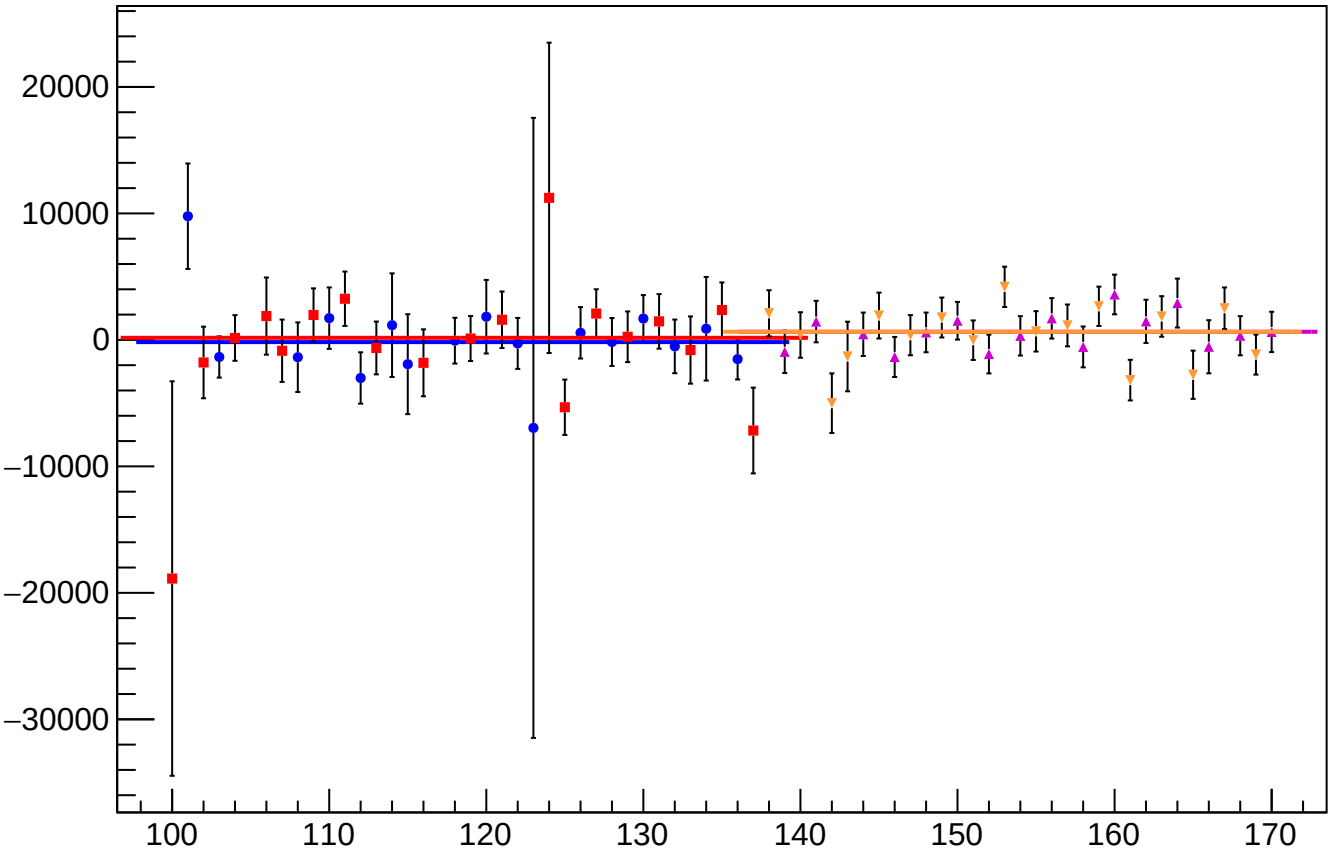
Left In: 1372.443+/-0.274 χ^2/NDF:42233.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1382.127+/-0.196 χ^2/NDF: 508851.4/32

- 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: 643.212+/-414.469 χ^2/NDF:26.9/16

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

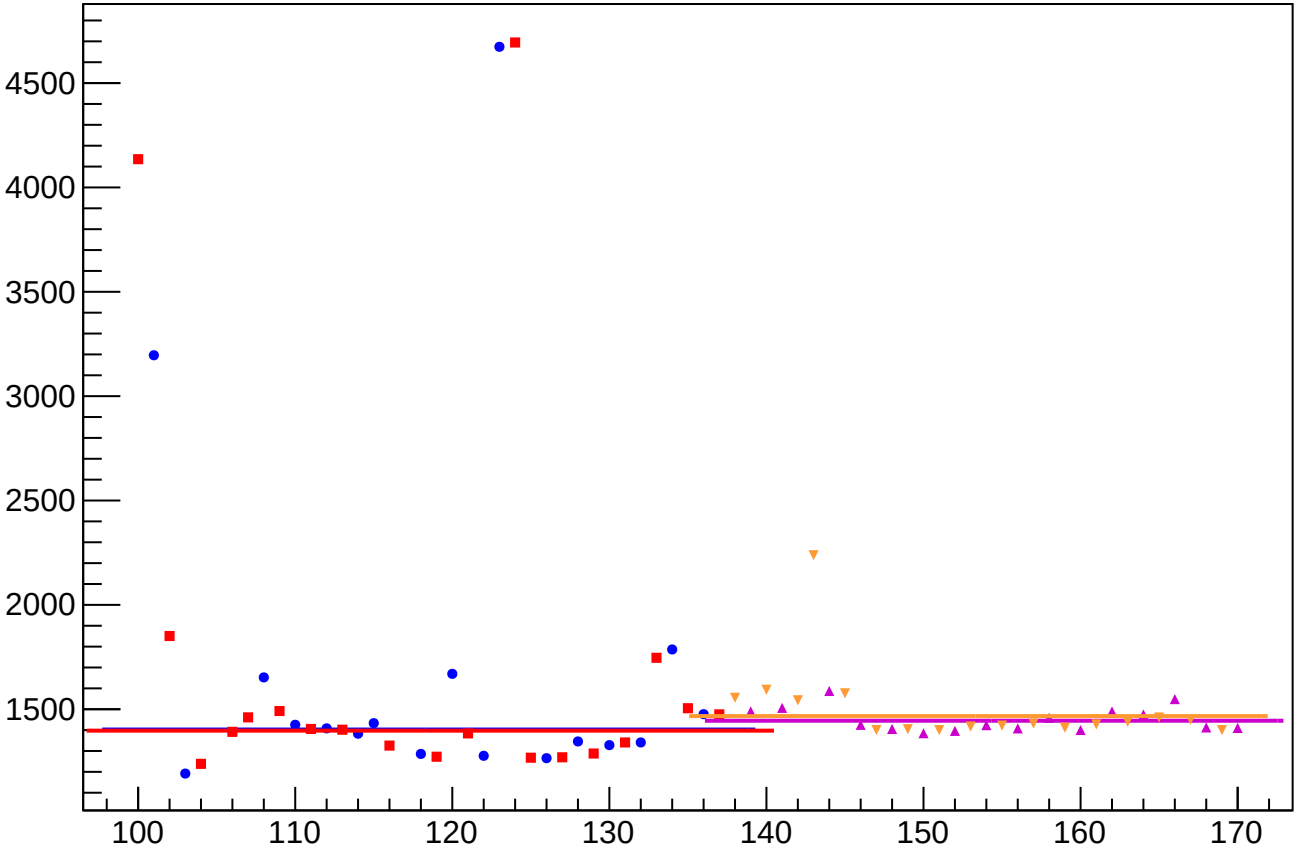
Left In: 643.508+/-408.665 χ^2/NDF:10.9/15

+ sign 350.096+/-332.013 χ^2/NDF: 40.0/33

All: 410.793+/-232.573 χ^2/NDF: 72.2/68

- sign 469.272+/-325.889 χ^2/NDF: 32.1/34

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1467.188+/-0.293 χ^2/NDF:203673.7/16

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

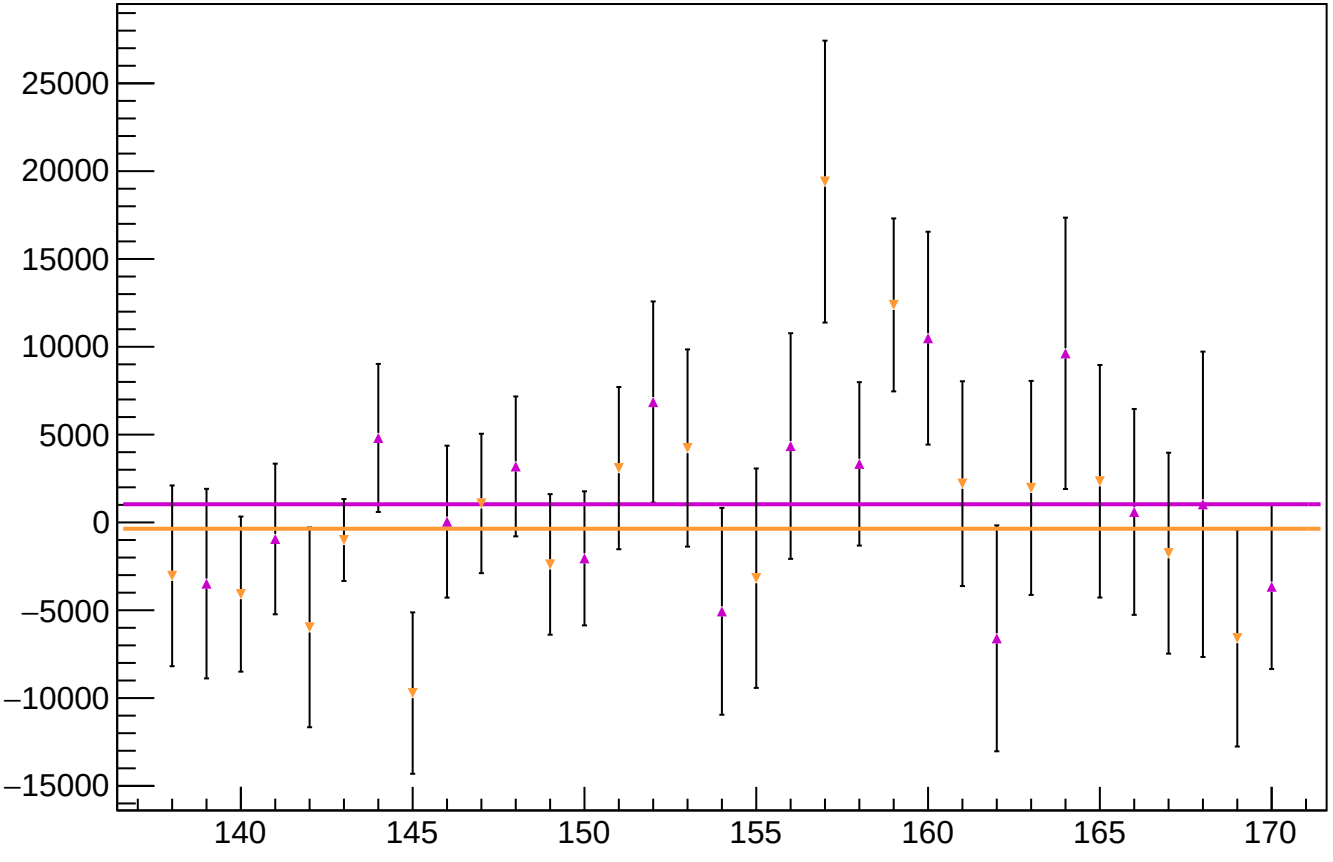
Left In: 1444.895+/-0.289 χ^2/NDF:36522.5/15

+ sign 1444.084+/-0.235 χ^2/NDF: 747343.9/33

All: 1435.690+/-0.164 χ^2/NDF: 1149566.2/68

- sign 1427.606+/-0.230 χ^2/NDF: 399712.6/34

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -359.514+/-1136.550 χ^2/NDF:22.3/16

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

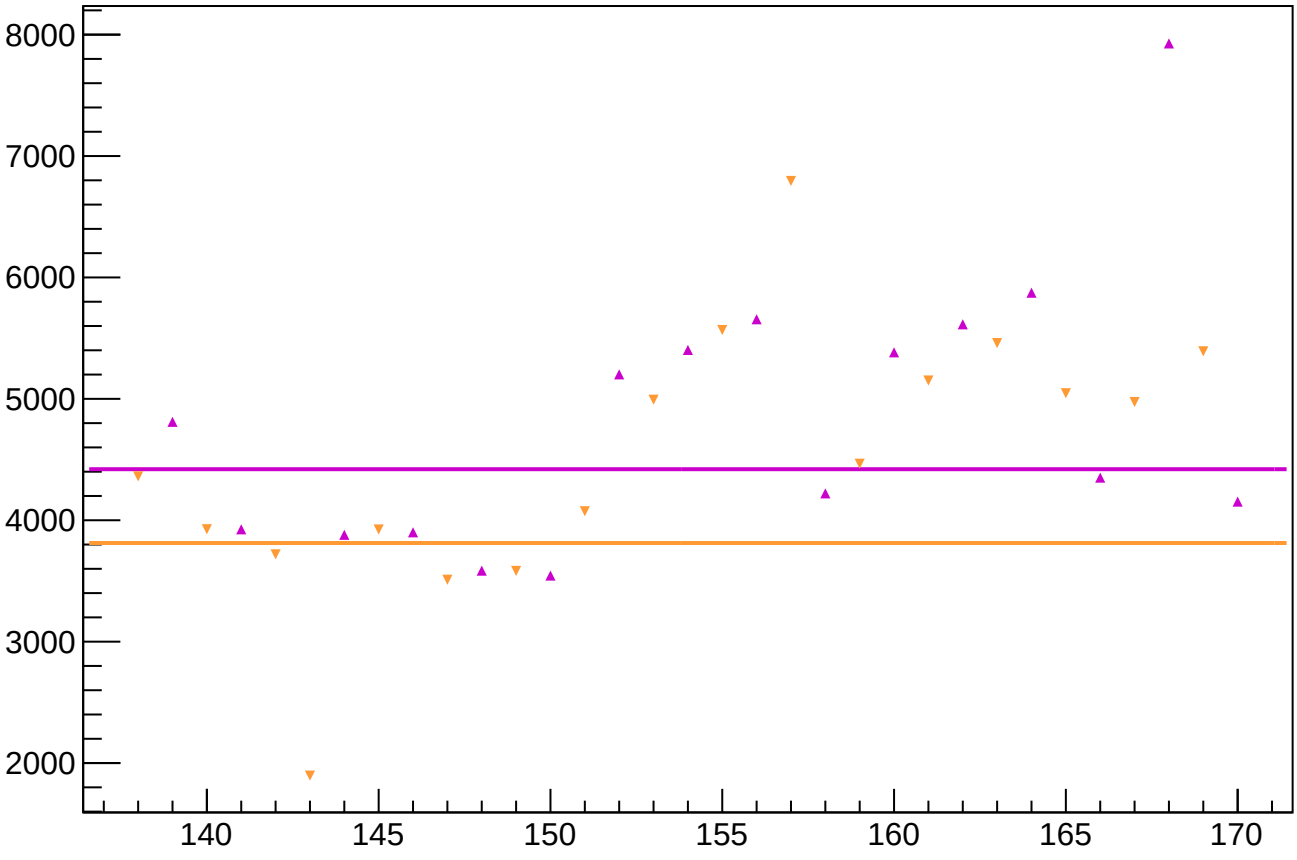
Left In: 1035.032+/-1274.179 χ^2/NDF:11.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 258.403+/-848.162 χ^2/NDF: 34.4/32

- 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: 3812.534+/-0.804 χ^2/NDF:2491713.2/16

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

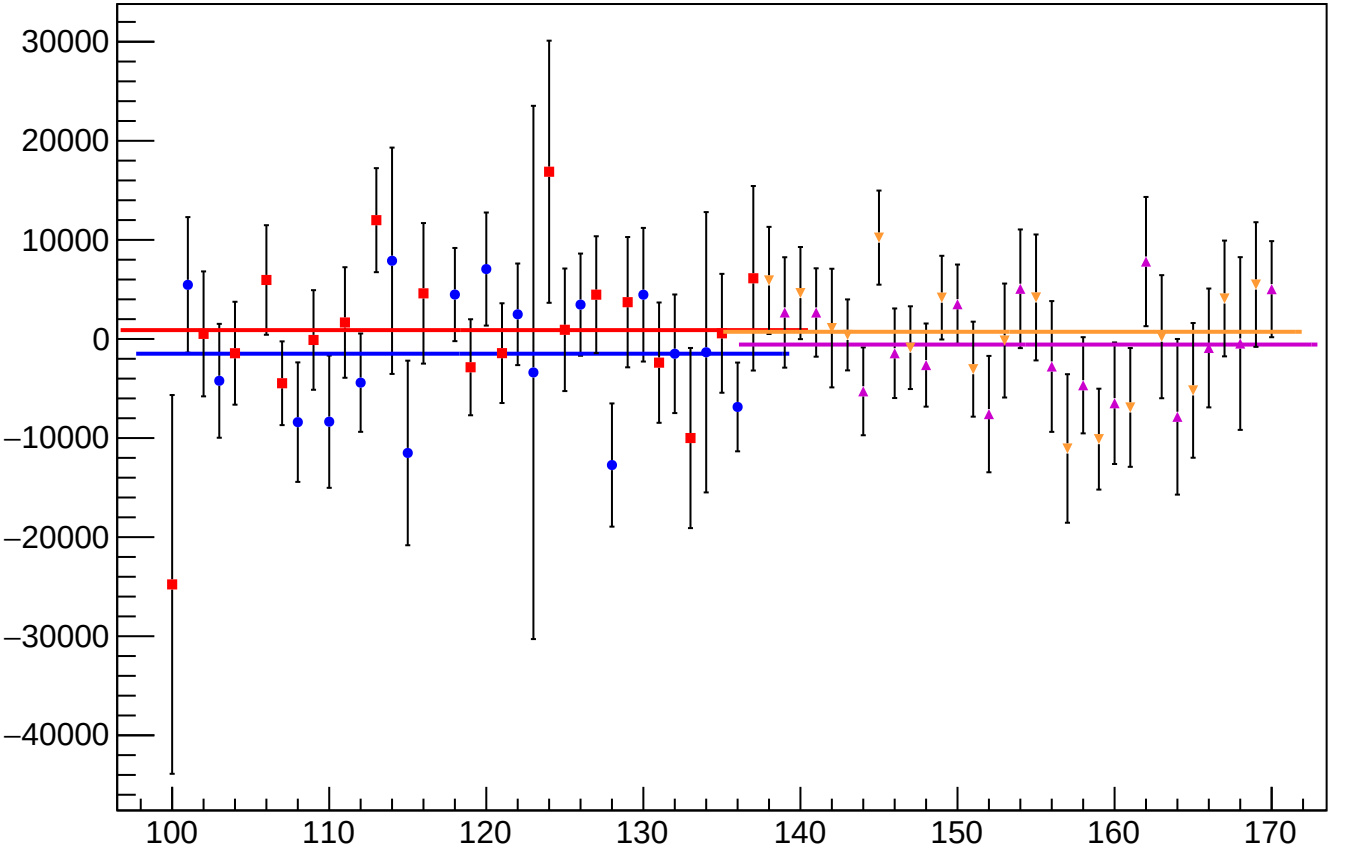
Left In: 4420.573+/-0.901 χ^2/NDF:985366.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4081.954+/-0.600 χ^2/NDF: 3730717.0/32

- 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: 725.122+/-1261.001 χ^2/NDF:17.7/16

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

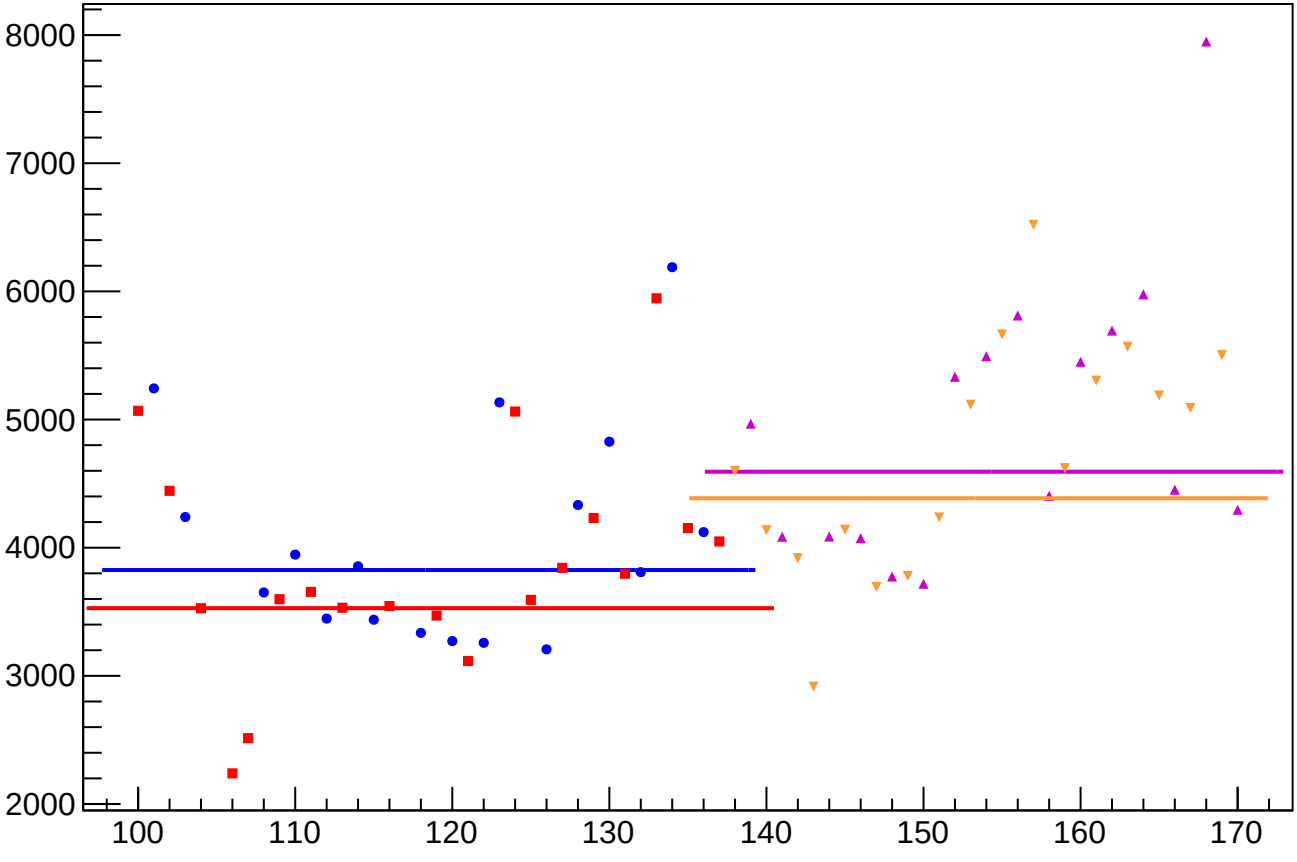
Left In: -563.725+/-1320.413 χ^2/NDF:11.2/15

+ sign -191.525+/-965.002 χ^2/NDF: 35.6/33

All: -27.025+/-678.322 χ^2/NDF: 61.6/68

- sign 133.638+/-953.683 χ^2/NDF: 25.9/34

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4386.057+/-0.892 χ^2/NDF:979778.5/16

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

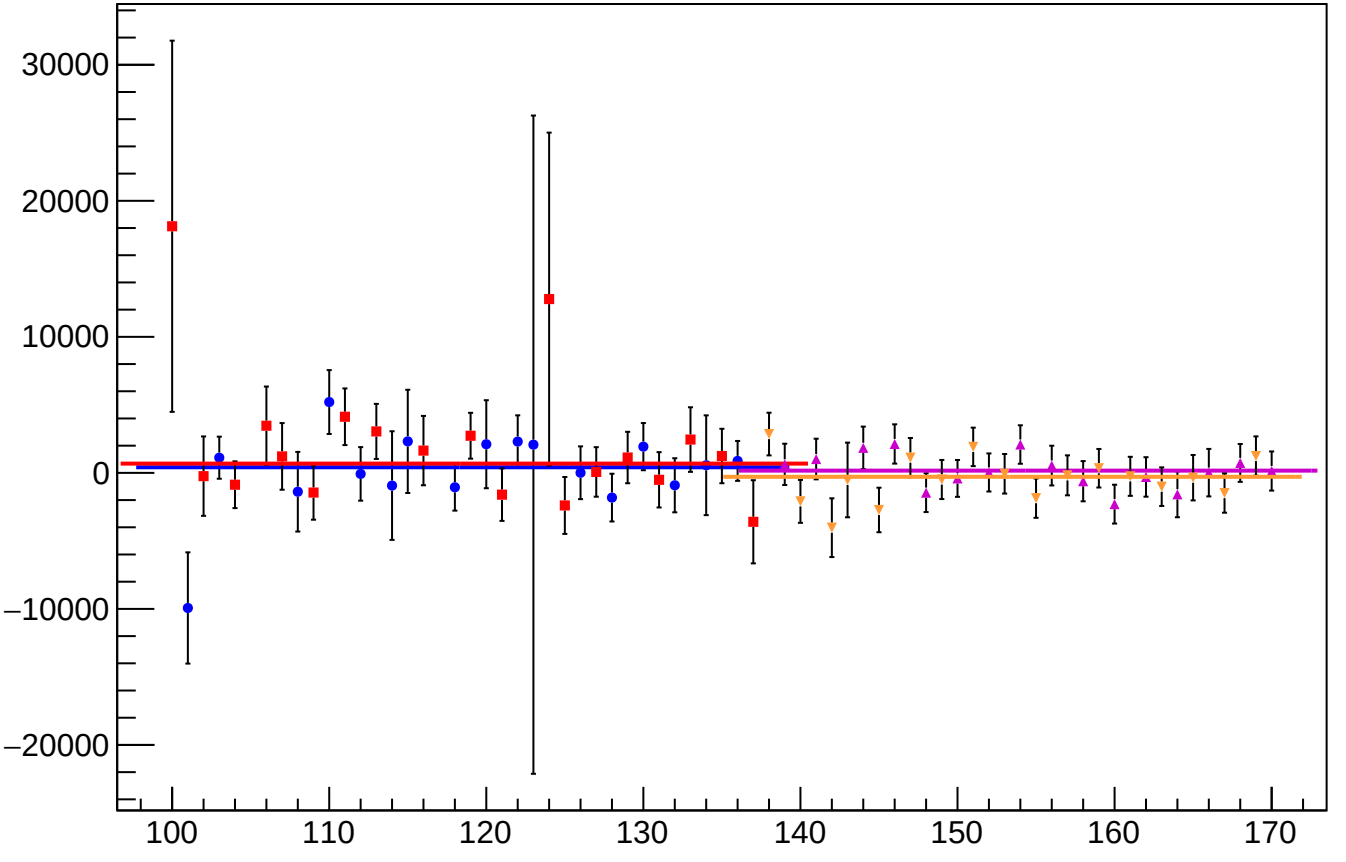
Left In: 4592.847+/-0.934 χ^2/NDF:870474.1/15

+ sign 4153.916+/-0.682 χ^2/NDF: 1477753.1/33

All: 4115.737+/-0.479 χ^2/NDF: 3537577.6/68

- sign 4078.774+/-0.671 χ^2/NDF: 2053663.0/34

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -289.182+/-372.490 χ^2/NDF:17.4/16

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

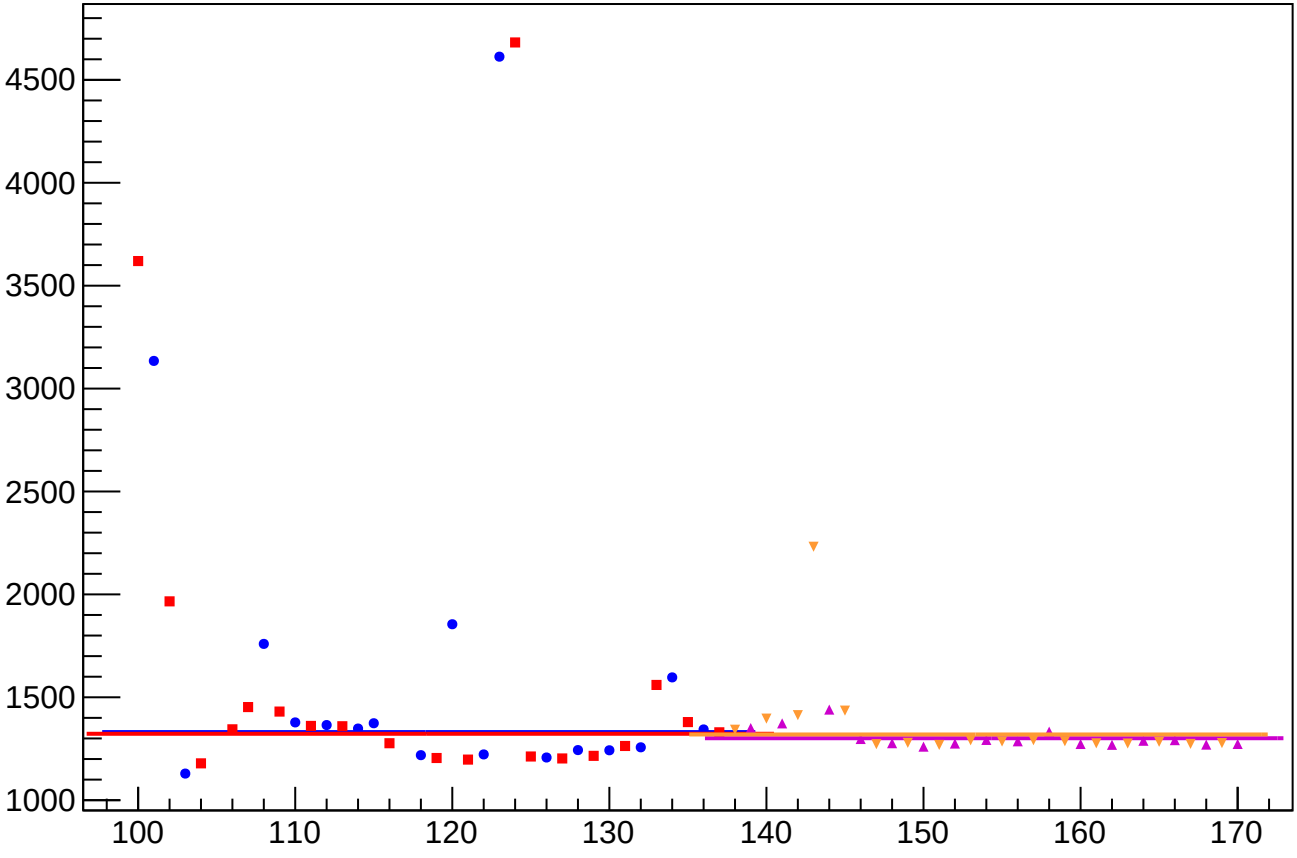
Left In: 165.467+/-367.841 χ^2/NDF:11.4/15

+ sign -56.356+/-304.367 χ^2/NDF: 35.1/33

All: 146.879+/-213.071 χ^2/NDF: 66.1/68

- sign 342.193+/-298.377 χ^2/NDF: 30.1/34

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1319.359+/-0.263 χ^2/NDF:258291.0/16

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

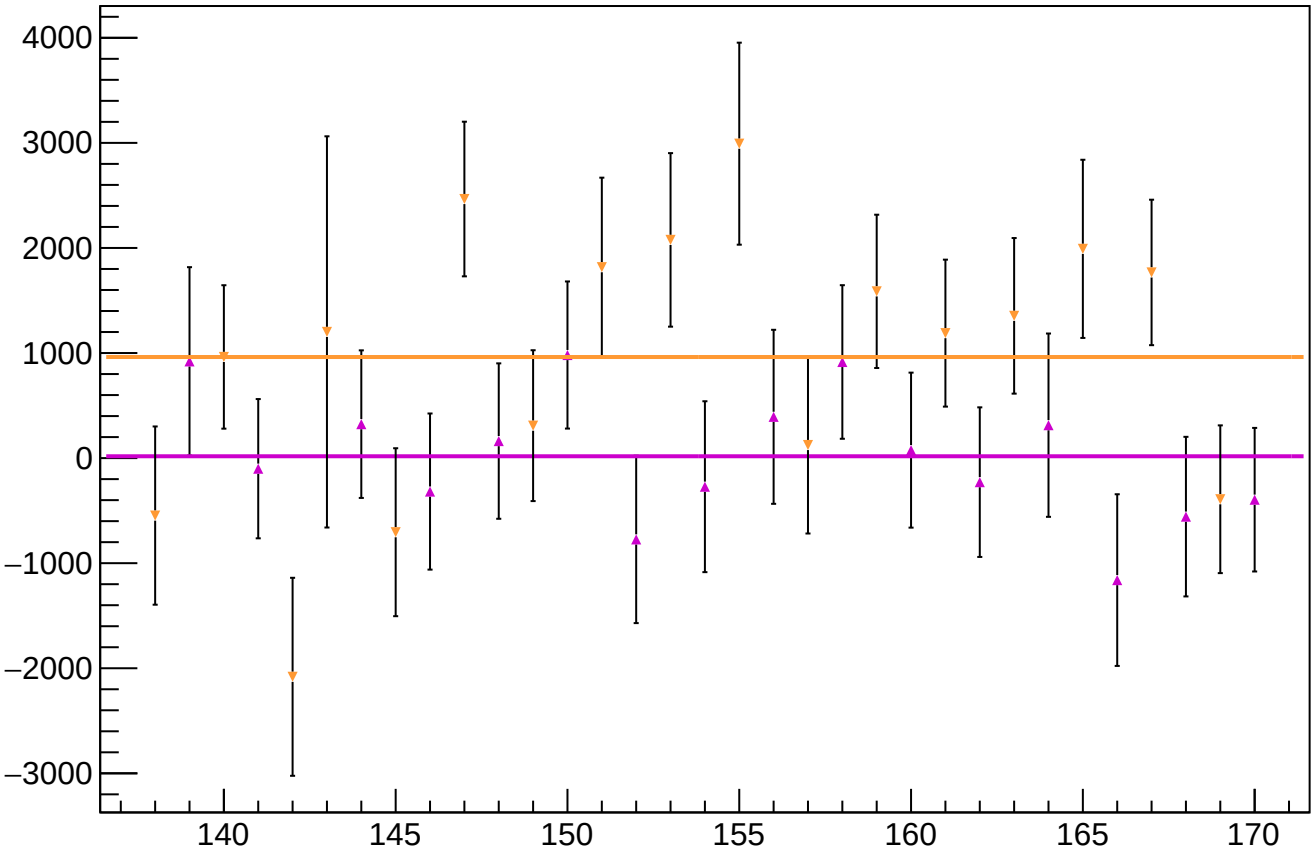
Left In: 1301.088+/-0.260 χ^2/NDF:30665.5/15

+ sign 1323.191+/-0.215 χ^2/NDF: 862402.3/33

All: 1315.690+/-0.151 χ^2/NDF: 1292226.0/68

- sign 1308.482+/-0.211 χ^2/NDF: 427441.8/34

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 962.051+/-192.844 χ^2/NDF:38.9/16

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

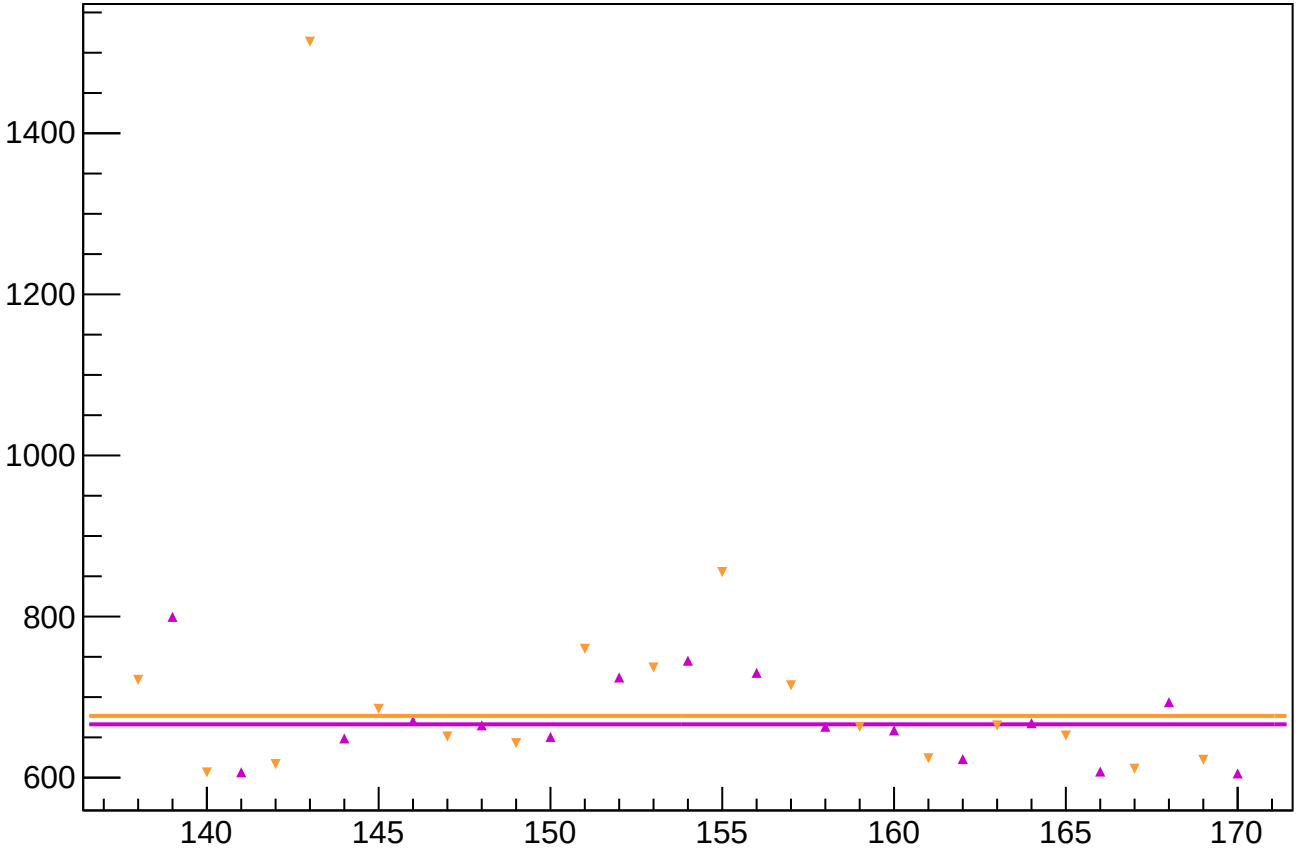
Left In: 17.558+/-188.491 χ^2/NDF:9.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 479.024+/-134.796 χ^2/NDF: 60.6/32

- 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: 676.668+/-0.136 χ^2/NDF:593149.8/16

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

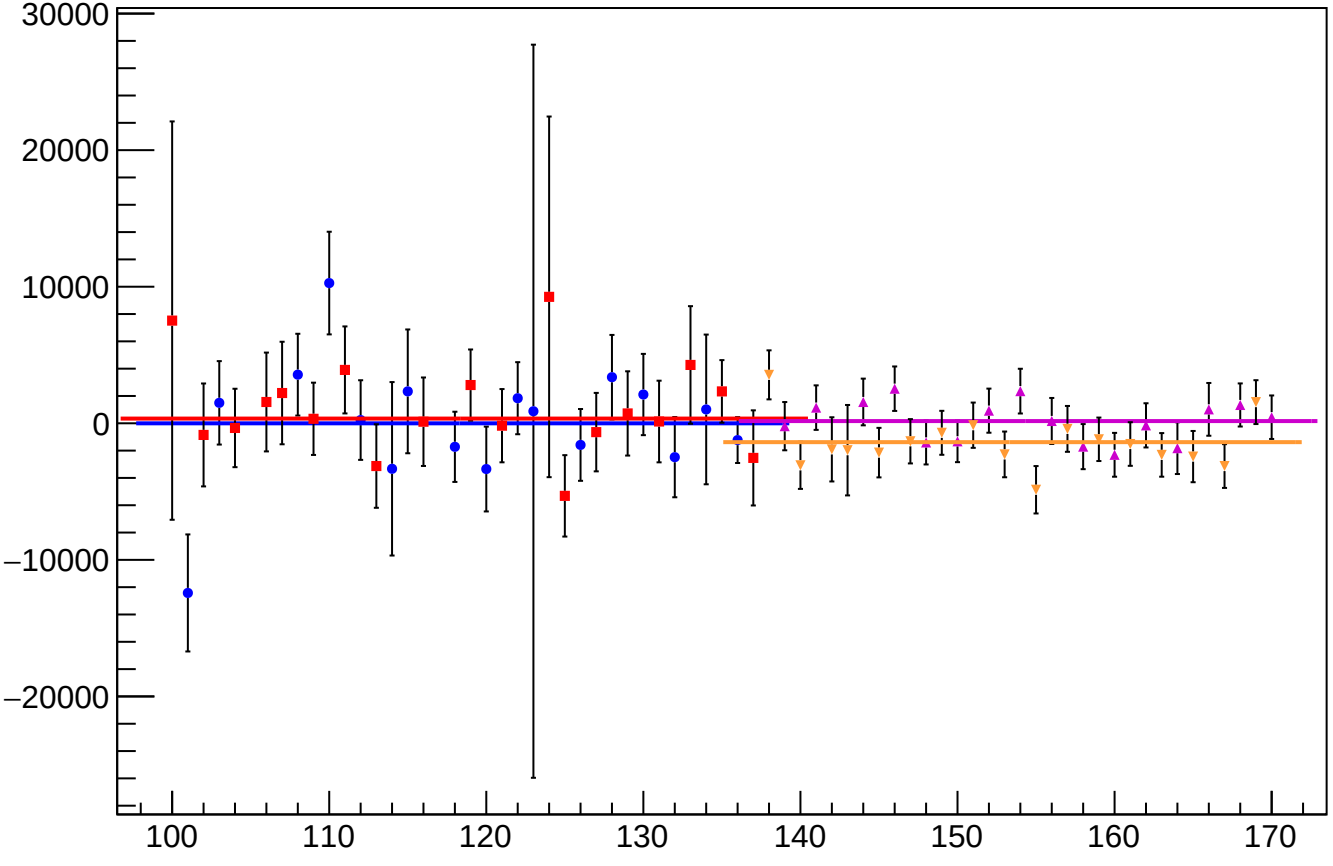
Left In: 666.219+/-0.133 χ^2/NDF:140568.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 671.325+/-0.095 χ^2/NDF: 736720.6/32

- 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: -1380.570+/-421.157 χ^2/NDF:19.4/16

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

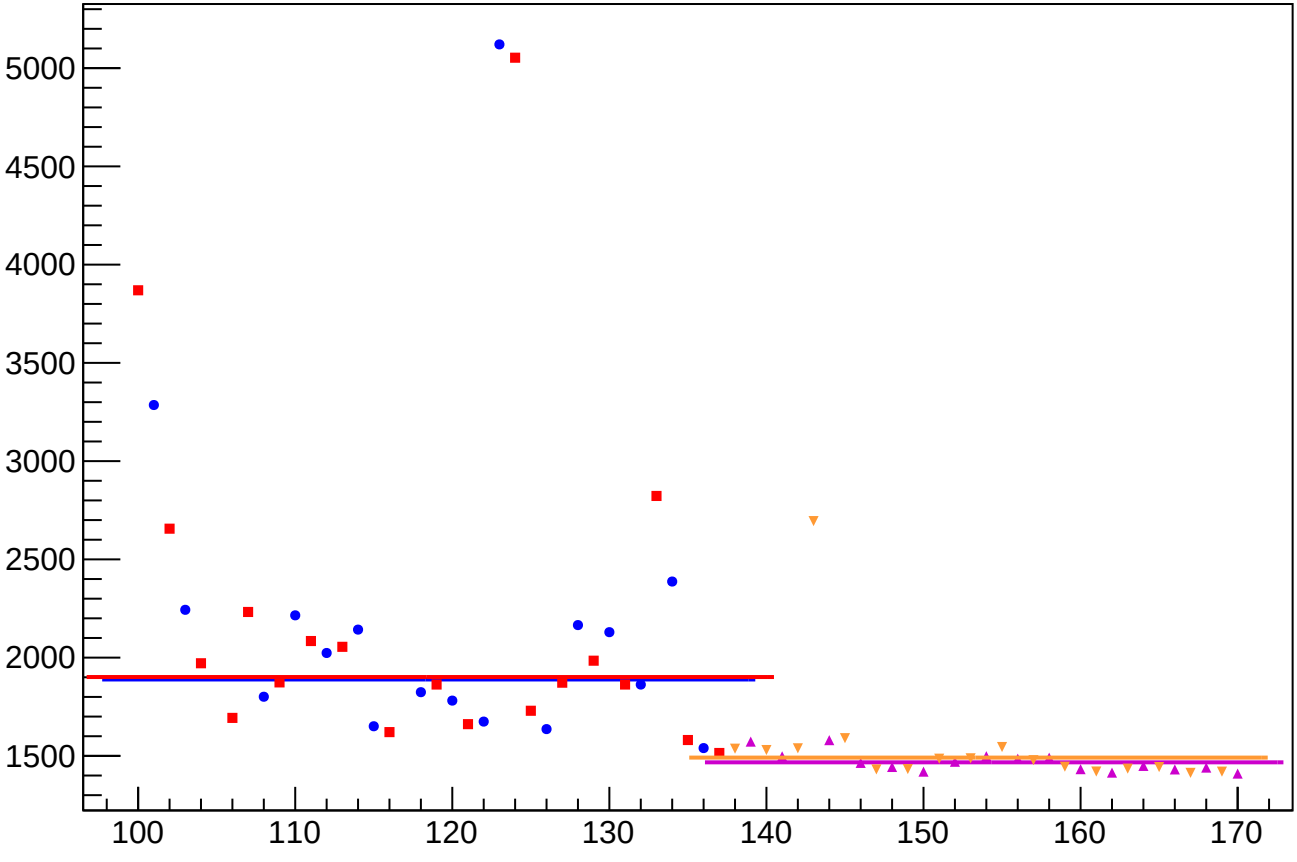
Left In: 162.068+/-414.588 χ^2/NDF:12.7/15

+ sign -1046.797+/-366.636 χ^2/NDF: 45.5/33

All: -410.420+/-257.217 χ^2/NDF: 74.8/68

- sign 206.375+/-360.951 χ^2/NDF: 23.4/34

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1491.277+/-0.298 χ^2/NDF:298784.3/16

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

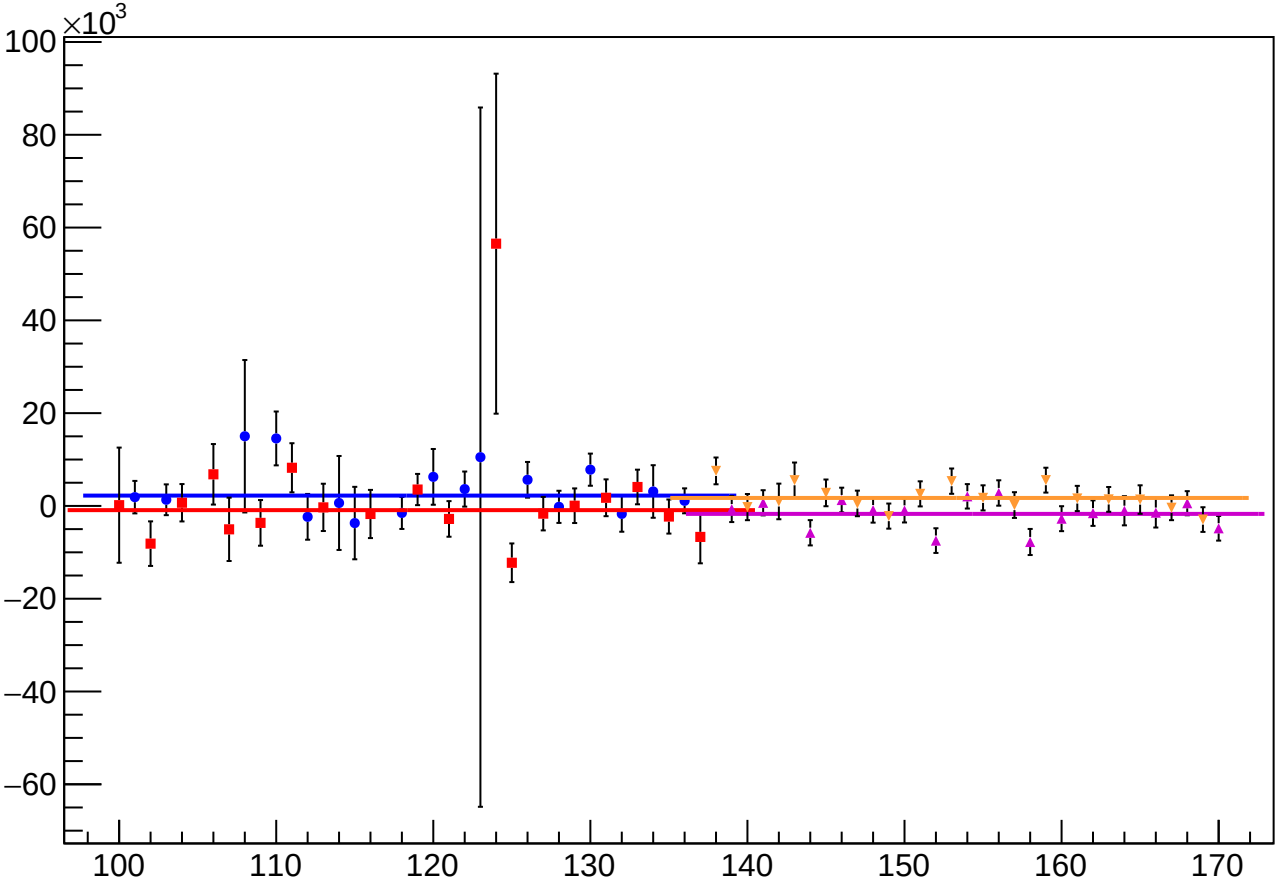
Left In: 1467.138+/-0.293 χ^2/NDF:27372.3/15

+ sign 1587.541+/-0.259 χ^2/NDF: 1196126.9/33

All: 1579.750+/-0.182 χ^2/NDF: 2217389.4/68

- sign 1572.199+/-0.255 χ^2/NDF: 1019484.1/34

dit_asym_atl1_mean vs Slug



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

Left Out: 1721.015+/-688.297 χ^2/NDF:16.0/16

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

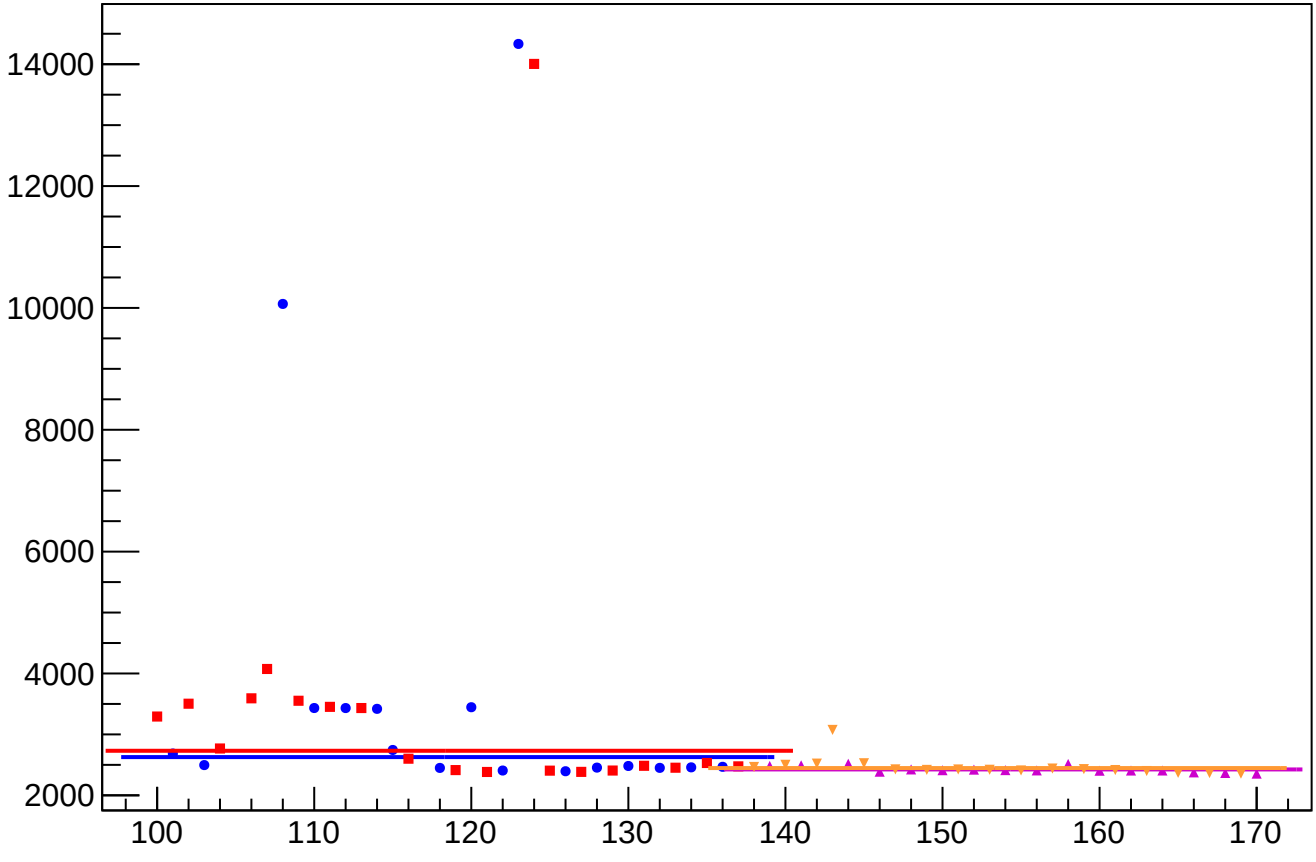
Left In: -1715.724+/-685.257 χ^2/NDF:21.0/15

+ sign 1875.440+/-573.858 χ^2/NDF: 29.7/33

All: 199.534+/-405.599 χ^2/NDF: 91.1/68

- sign -1473.400+/-573.349 χ^2/NDF: 44.4/34

dit_asym_atl1_rms vs Slug



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

Left Out: 2447.397+/-0.487 χ^2/NDF:64773.1/16

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

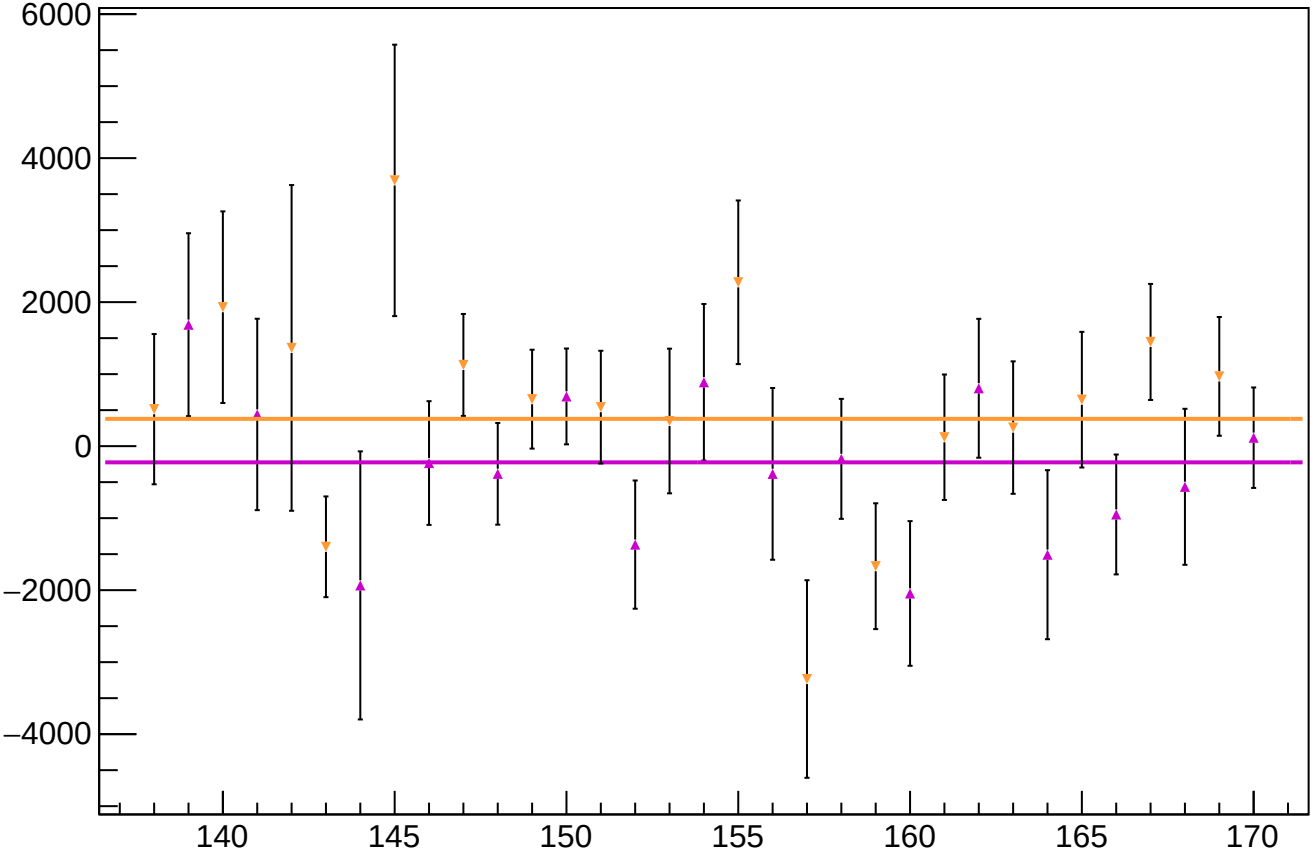
Left In: 2424.834+/-0.485 χ^2/NDF:10006.3/15

+ sign 2502.329+/-0.406 χ^2/NDF: 750952.5/33

All: 2509.545+/-0.287 χ^2/NDF: 1479762.2/68

- sign 2516.749+/-0.405 χ^2/NDF: 728177.7/34

asym_atl1_correction_mean vs Slug



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

Left Out: 379.218+/-223.636 χ^2/NDF:30.1/16

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

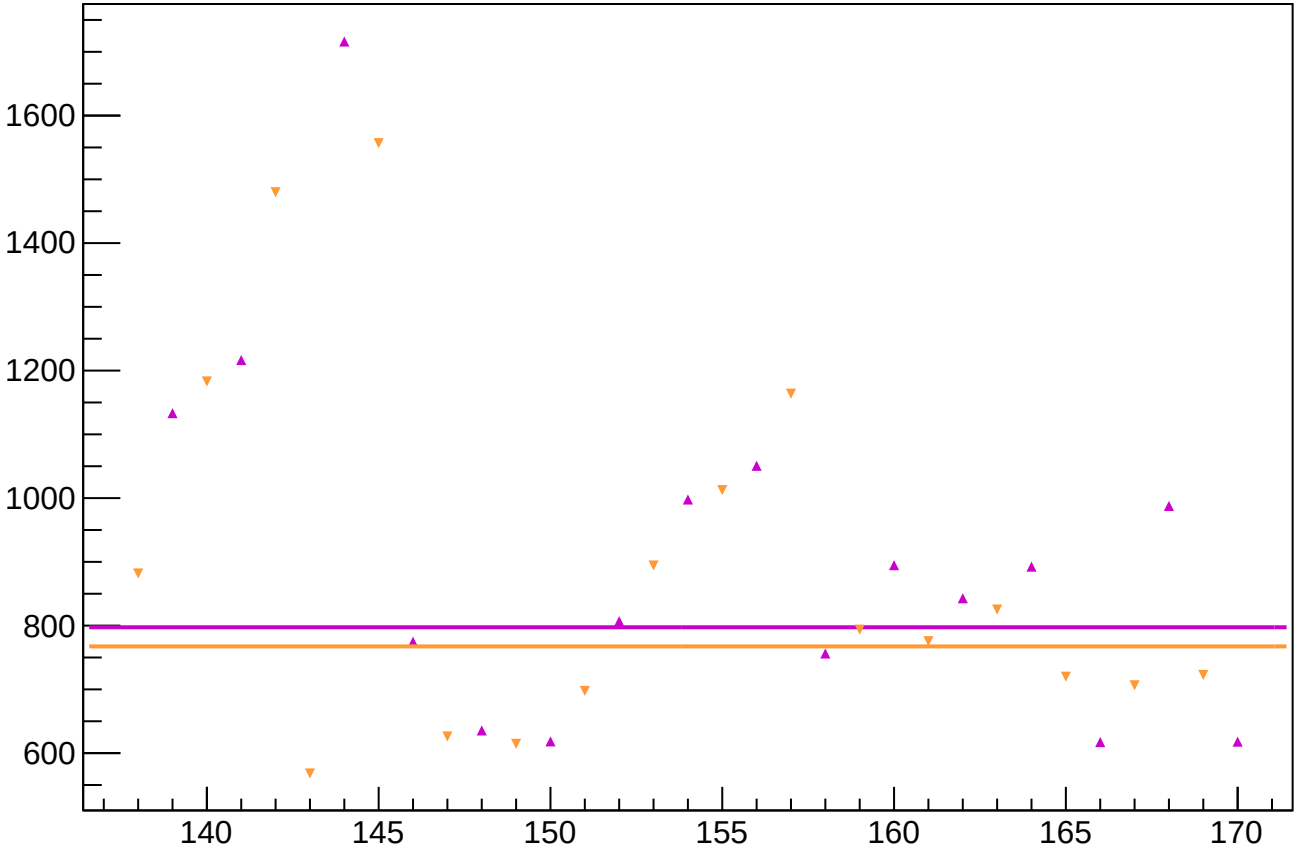
Left In: -225.103+/-232.605 χ^2/NDF:14.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 88.933+/-161.212 χ^2/NDF: 48.3/32

- 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: 767.403+/-0.158 χ^2/NDF:1449405.6/16

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

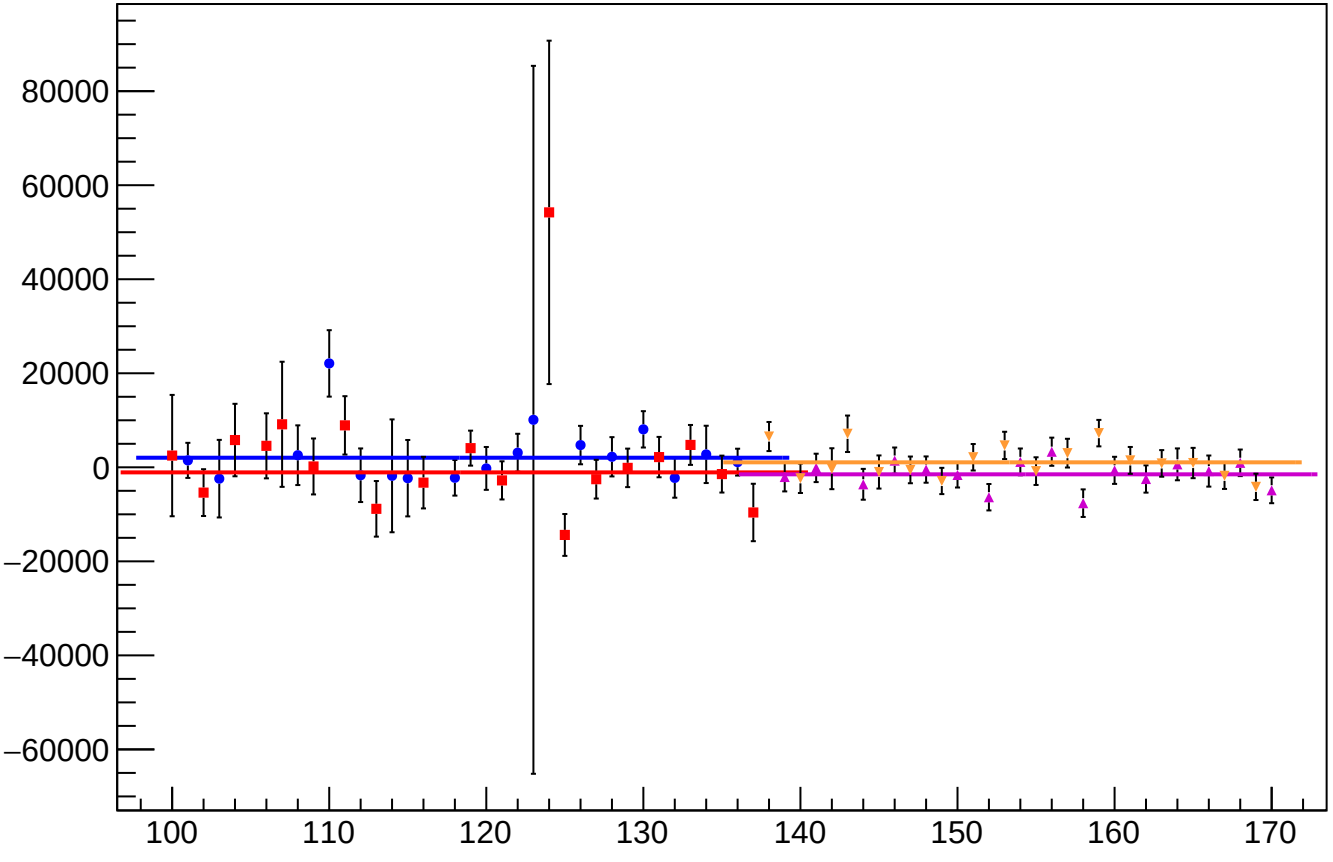
Left In: 797.424+/-0.164 χ^2/NDF:1563911.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 781.824+/-0.114 χ^2/NDF: 3030628.2/32

- 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: 1057.047+/-734.853 χ^2/NDF:21.5/16

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

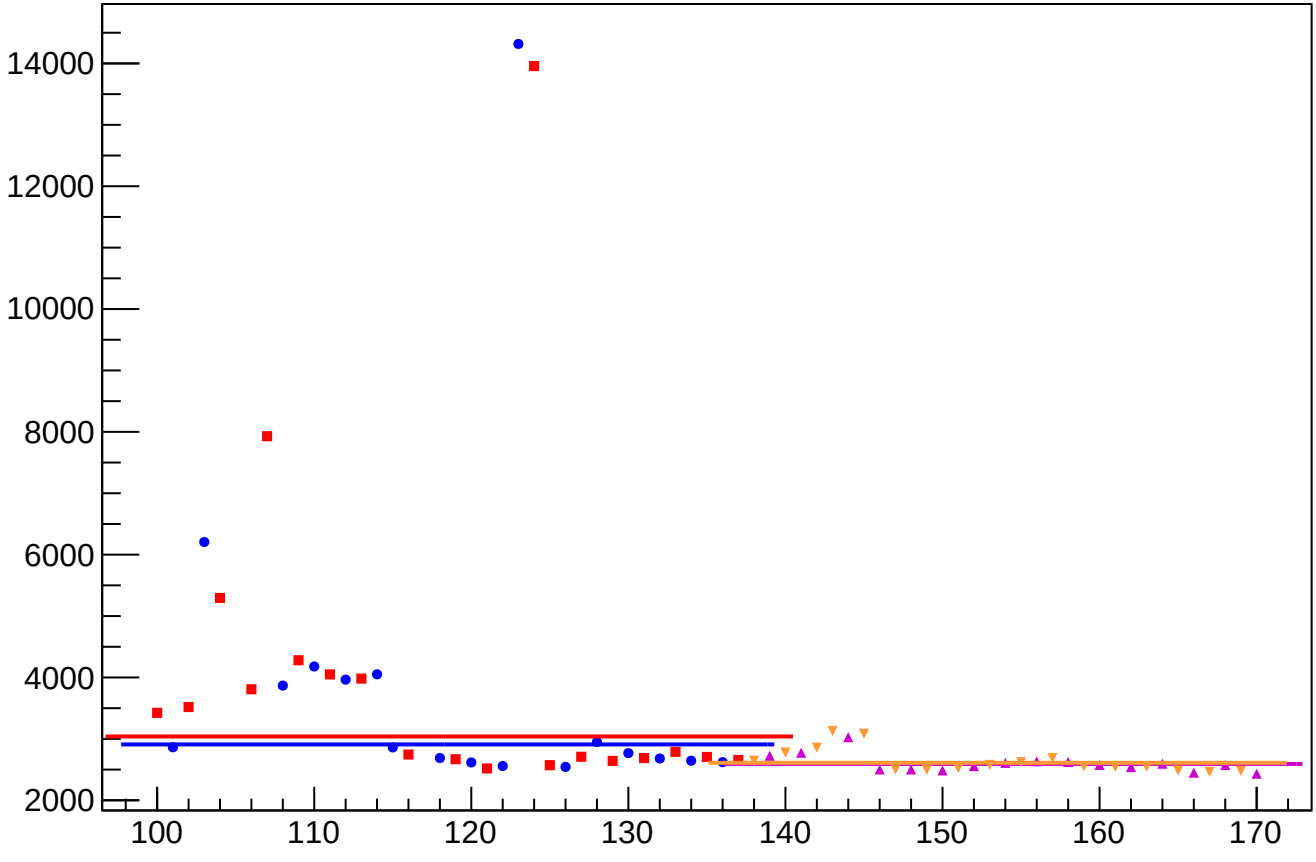
Left In: -1492.671+/-733.316 χ^2/NDF:15.6/15

+ sign 1340.906+/-619.447 χ^2/NDF: 36.8/33

All: -9.324+/-439.552 χ^2/NDF: 87.4/68

- sign -1378.665+/-623.816 χ^2/NDF: 41.0/34

asym_atl1_rms vs Slug



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

Left Out: 2610.223+/-0.520 χ^2/NDF:110189.4/16

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

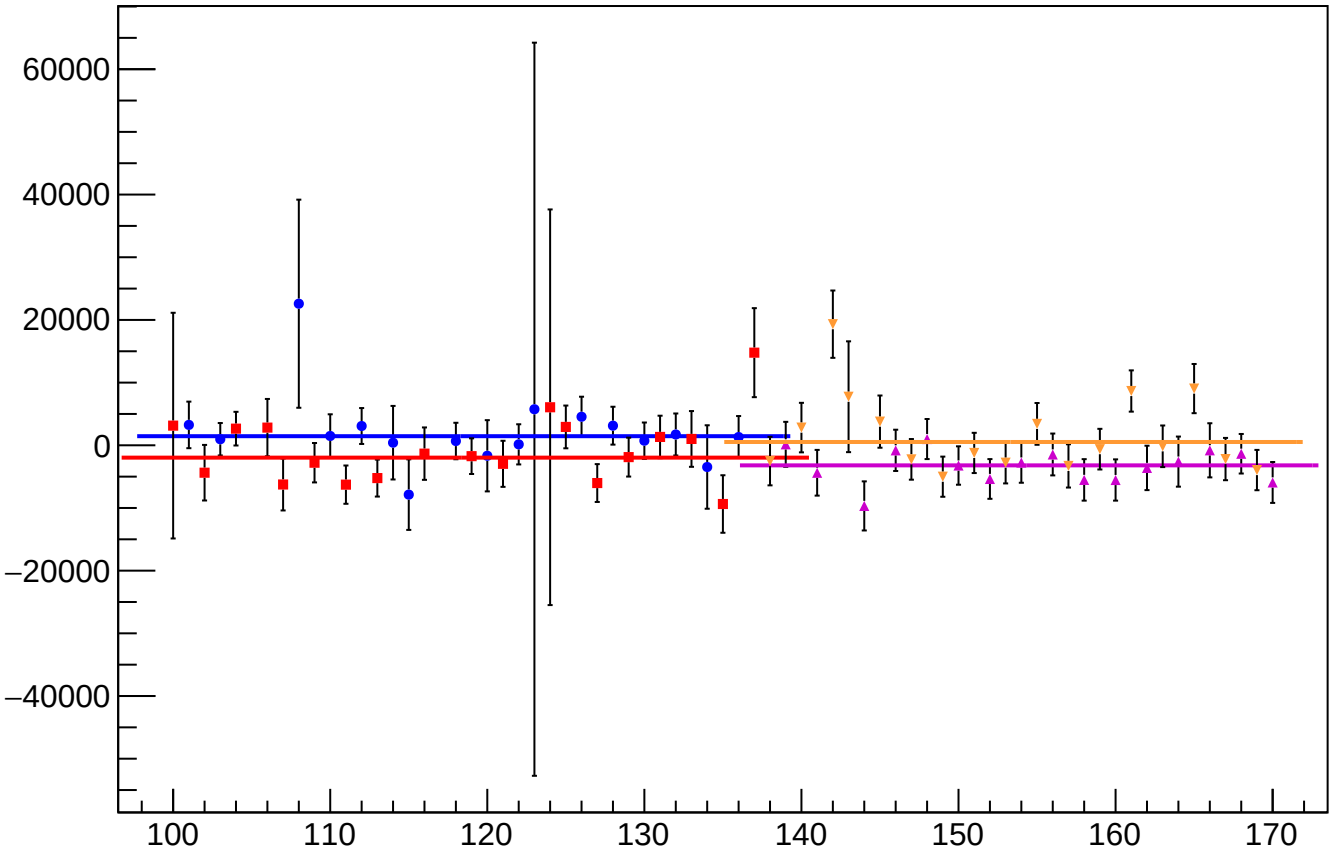
Left In: 2591.750+/-0.519 χ^2/NDF:65696.5/15

+ sign 2696.910+/-0.438 χ^2/NDF: 848243.5/33

All: 2706.079+/-0.311 χ^2/NDF: 2131828.6/68

- sign 2715.379+/-0.441 χ^2/NDF: 1282702.3/34

dit_asym_atl2_mean vs Slug



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

Left Out: 527.377+/-870.881 χ^2/NDF:35.0/16

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

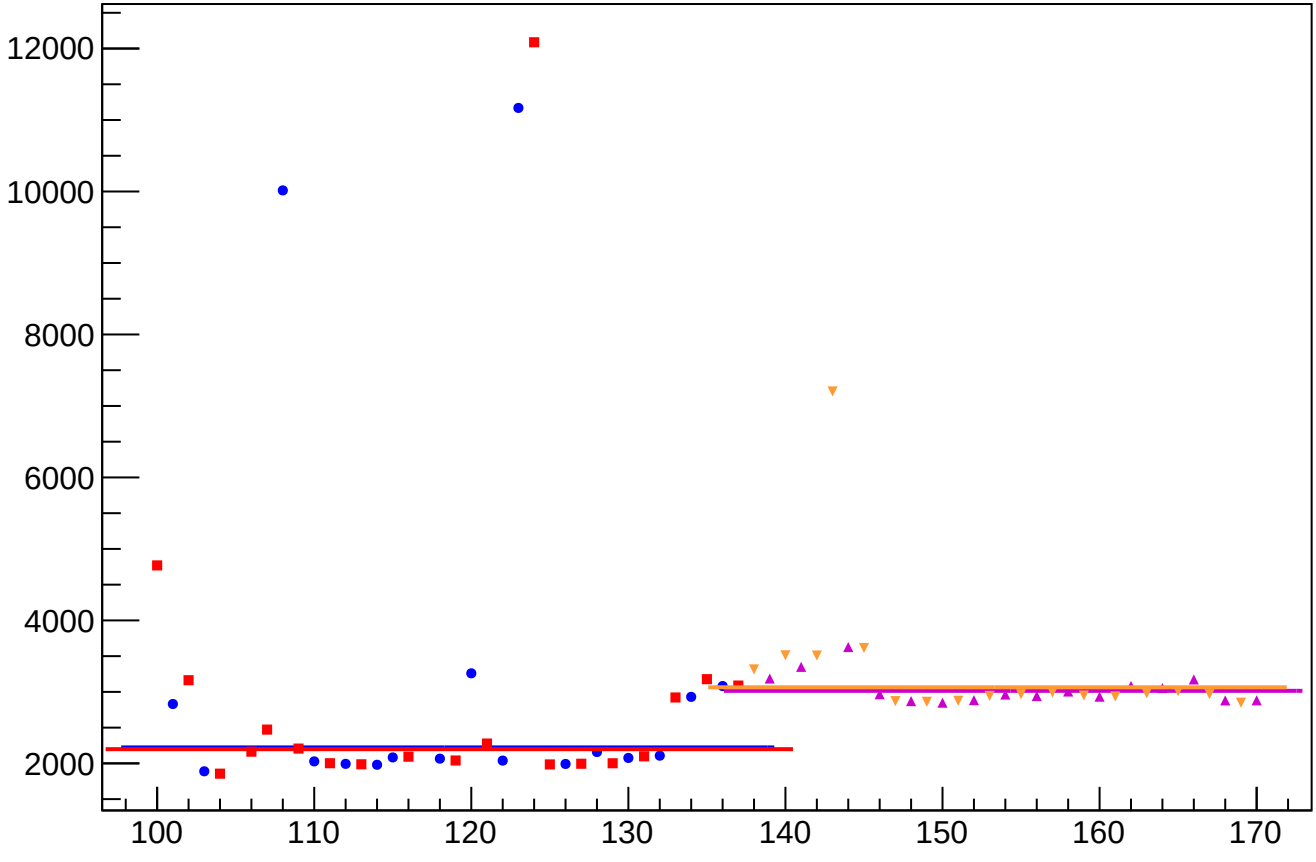
Left In: -3202.629+/-853.024 χ^2/NDF:9.1/15

+ sign 980.156+/-622.116 χ^2/NDF: 43.0/33

All: -859.682+/-432.719 χ^2/NDF: 92.5/68

- sign -2584.071+/-602.281 χ^2/NDF: 32.5/34

dit_asym_atl2_rms vs Slug



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

Left Out: 3064.152+/-0.616 χ^2/NDF:565896.9/16

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

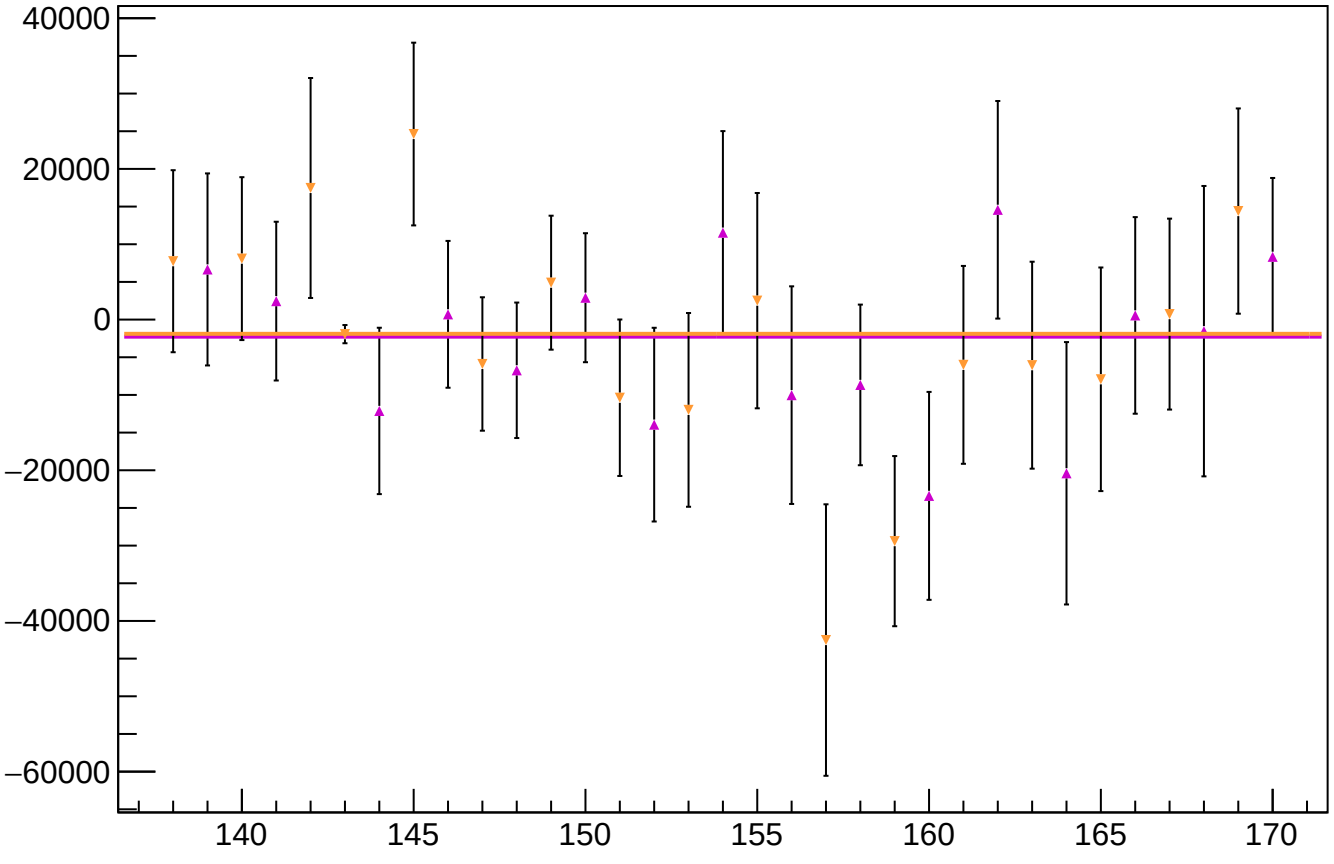
Left In: 3014.892+/-0.603 χ^2/NDF:97433.0/15

+ sign 2652.303+/-0.440 χ^2/NDF: 2329575.9/33

All: 2628.040+/-0.306 χ^2/NDF: 3954078.3/68

- sign 2605.316+/-0.426 χ^2/NDF: 1618611.1/34

asym_atl2_correction_mean vs Slug



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

Left Out: -1889.958+/-1121.388 χ^2/NDF:23.1/16

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

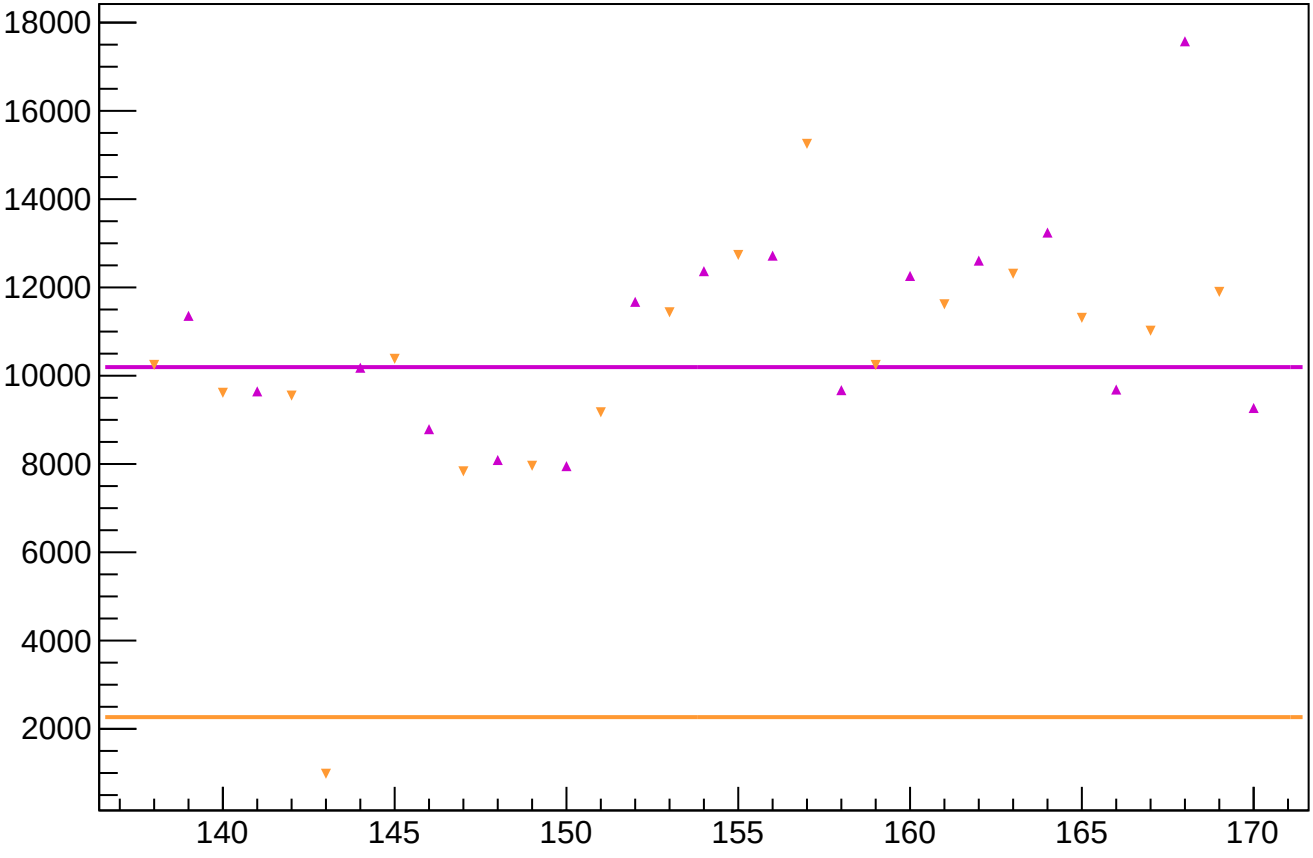
Left In: -2264.776+/-2934.678 χ^2/NDF:10.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1937.714+/-1047.517 χ^2/NDF: 33.6/32

- 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: 2265.847+/-0.793 χ^2/NDF:16848395.1/16

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

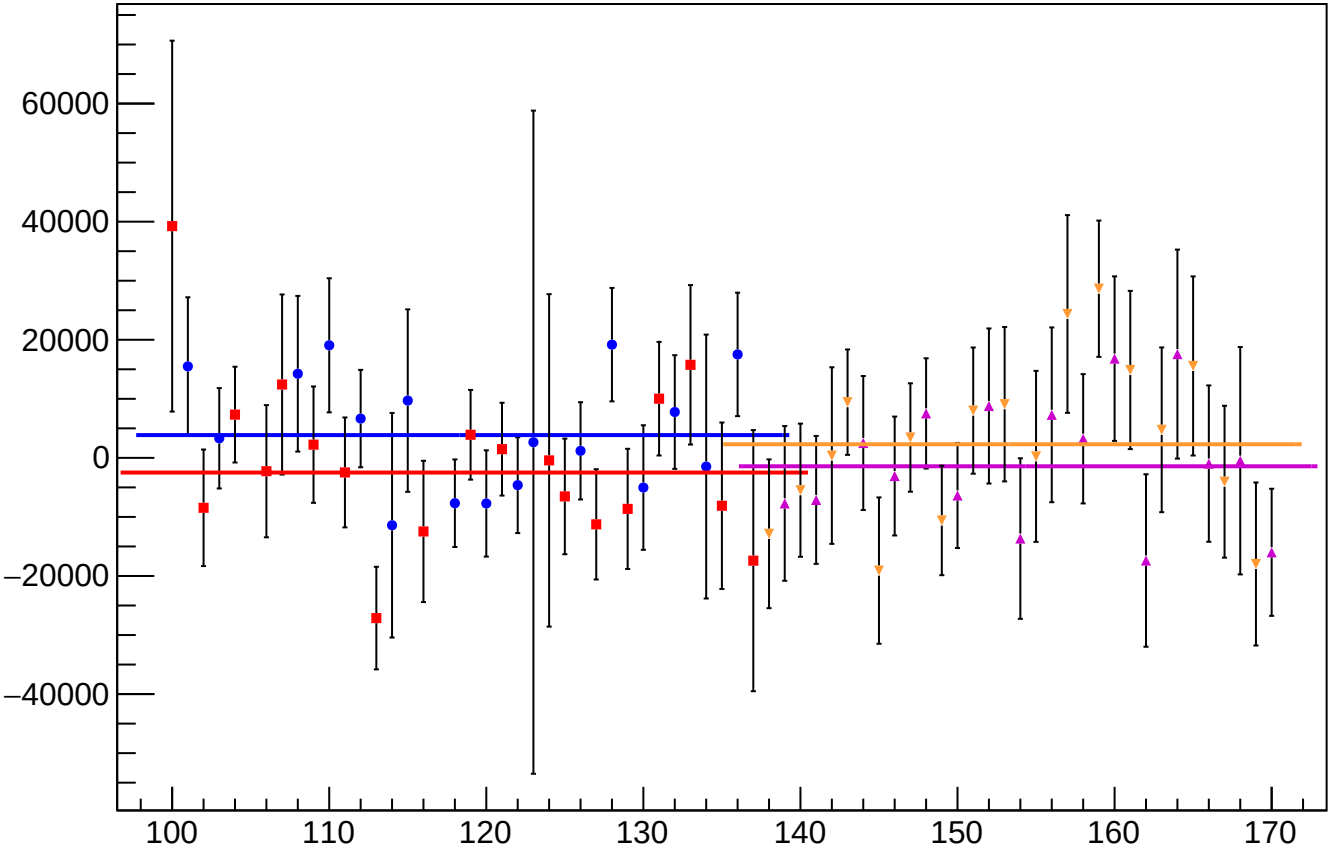
Left In: 10195.134+/-2.075 χ^2/NDF:928934.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3276.113+/-0.741 χ^2/NDF: 30517871.5/3

- 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: 2306.292+/-2910.570 χ^2/NDF:19.1/16

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

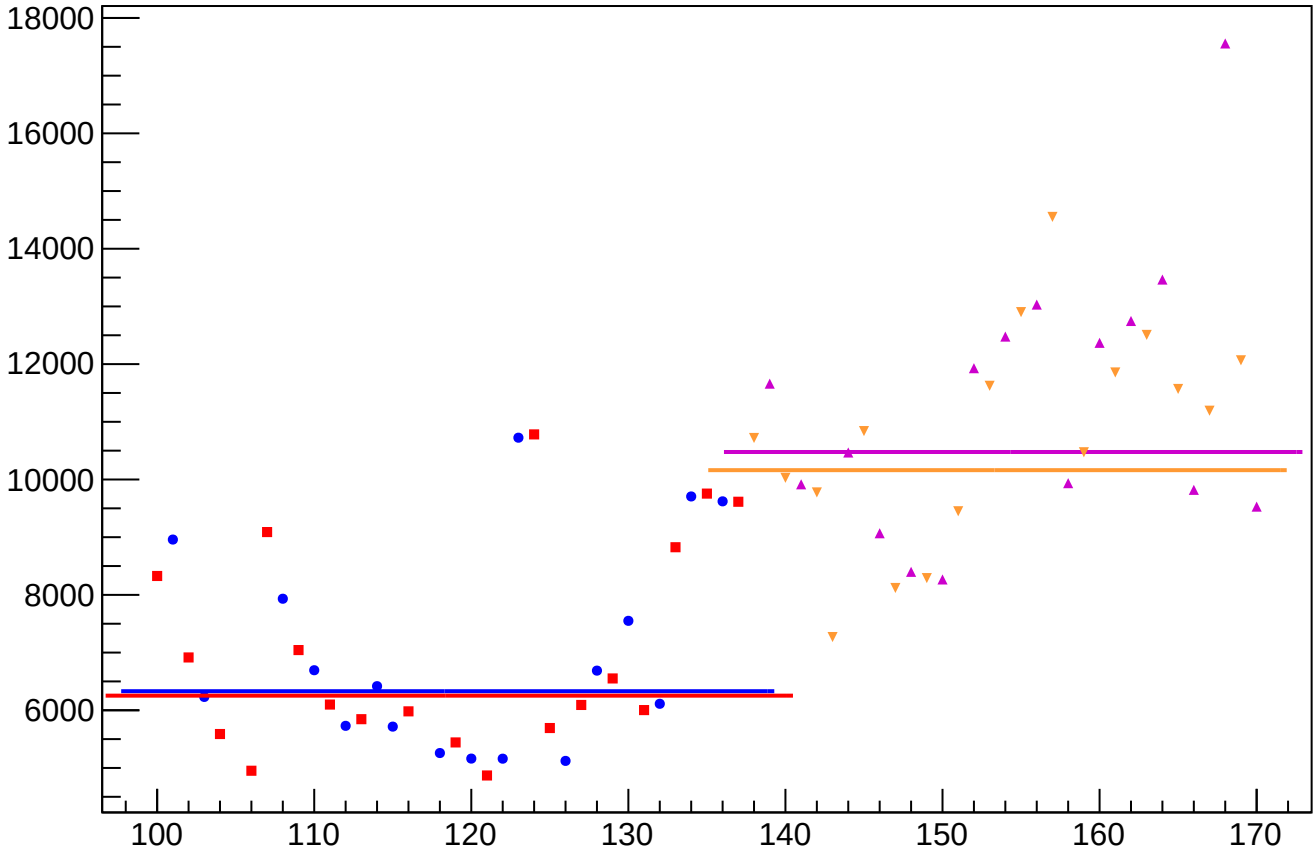
Left In: -1423.671+/-3011.386 χ^2/NDF:9.7/15

+ sign 3197.631+/-1900.283 χ^2/NDF: 34.0/33

All: 546.833+/-1338.979 χ^2/NDF: 67.7/68

- sign -2067.008+/-1886.990 χ^2/NDF: 29.8/34

asym_atl2_rms vs Slug



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

Left Out: 10161.804+/-2.058 χ^2/NDF:803377.5/16

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

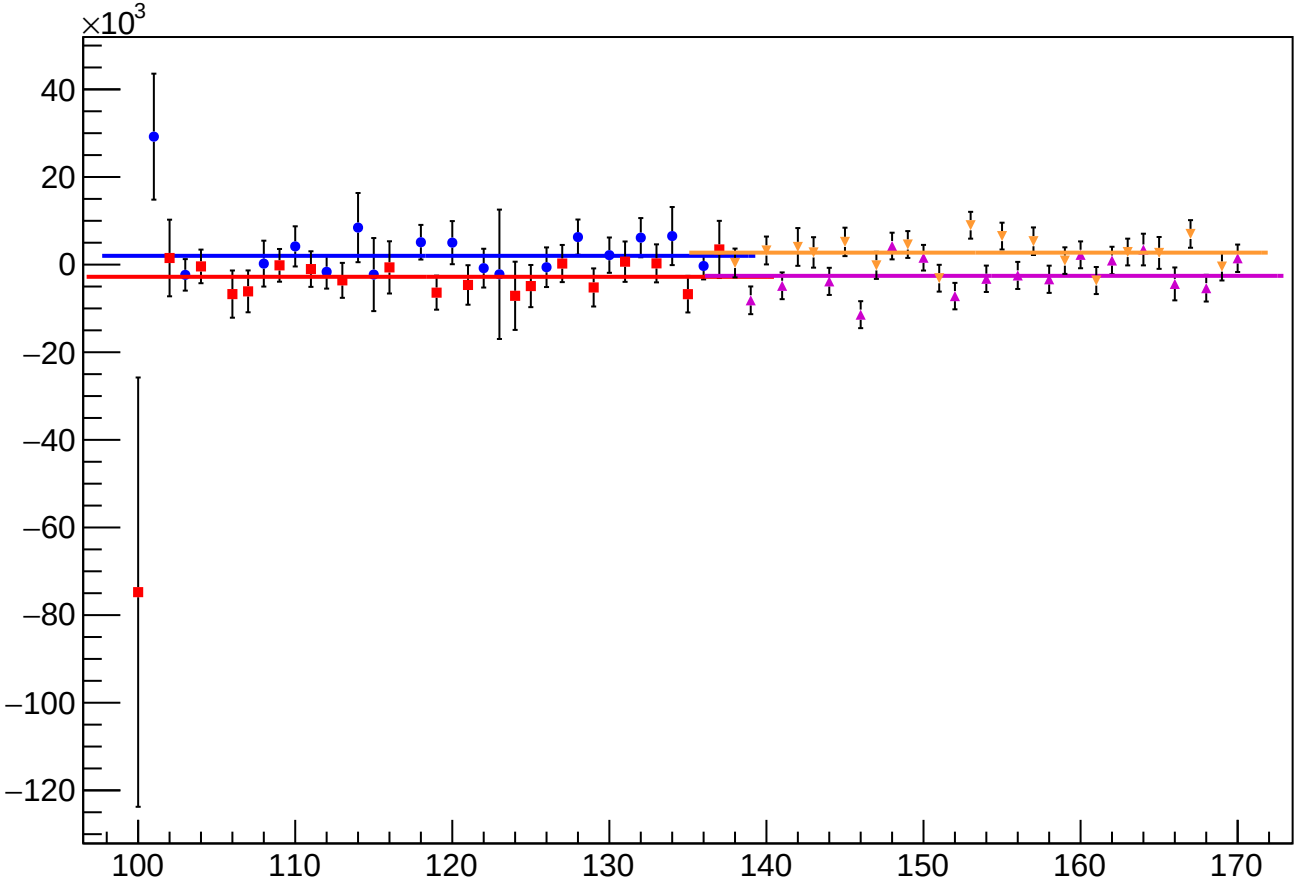
Left In: 10476.733+/-2.129 χ^2/NDF:848647.4/15

+ sign 7963.526+/-1.344 χ^2/NDF: 3385279.2/33

All: 7937.359+/-0.947 χ^2/NDF: 7159366.7/68

- sign 7911.559+/-1.334 χ^2/NDF: 3773334.4/34

dit_asym_atr1_mean vs Slug



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

Left Out: 2734.248+/-778.059 χ^2/NDF:19.9/16

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

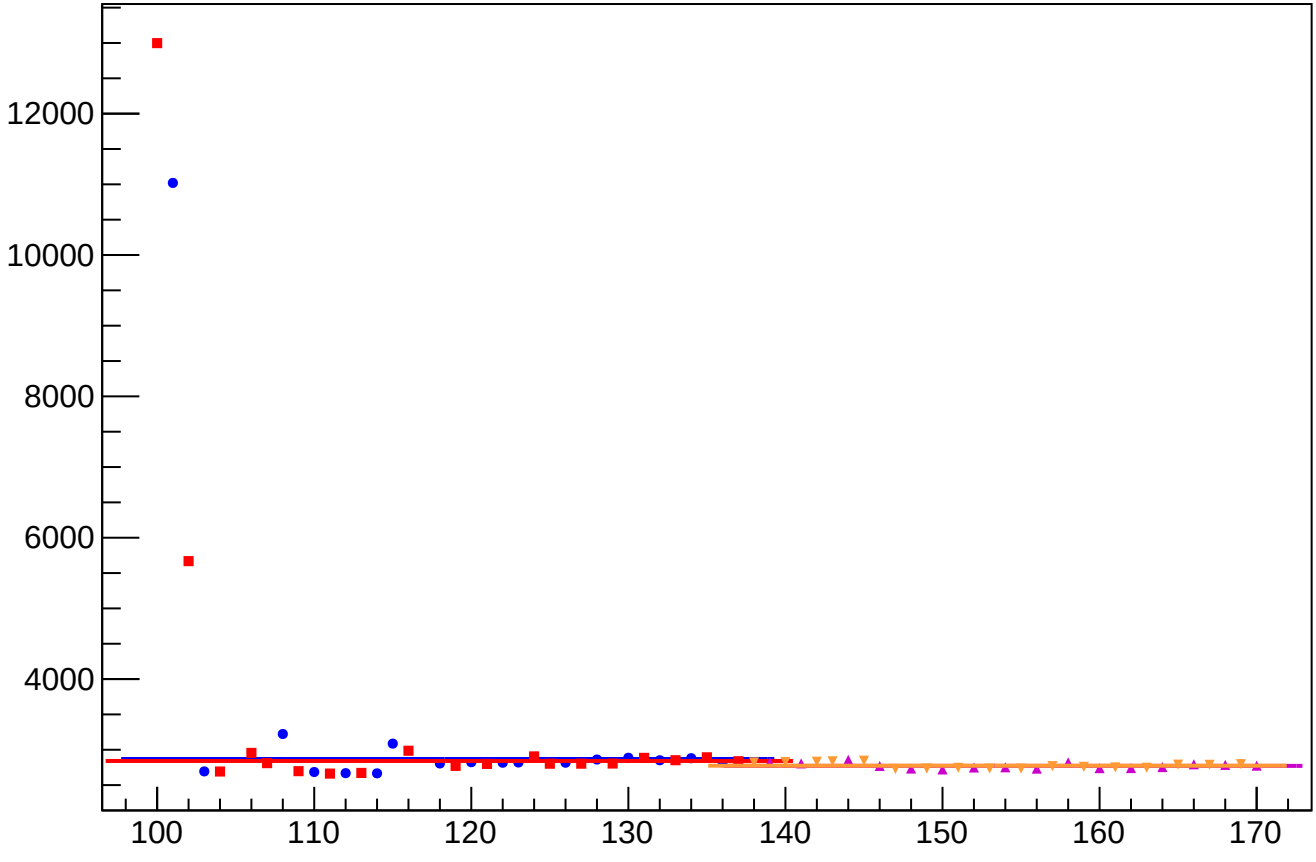
Left In: -2562.770+/-781.894 χ^2/NDF:30.8/15

+ sign 2501.020+/-641.610 χ^2/NDF: 32.3/33

All: -96.451+/-451.178 χ^2/NDF: 105.4/68

- sign -2637.260+/-634.573 χ^2/NDF: 40.7/34

dit_asym_atr1_rms vs Slug



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

Left Out: 2774.312+/-0.550 χ^2/NDF:5091.7/16

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

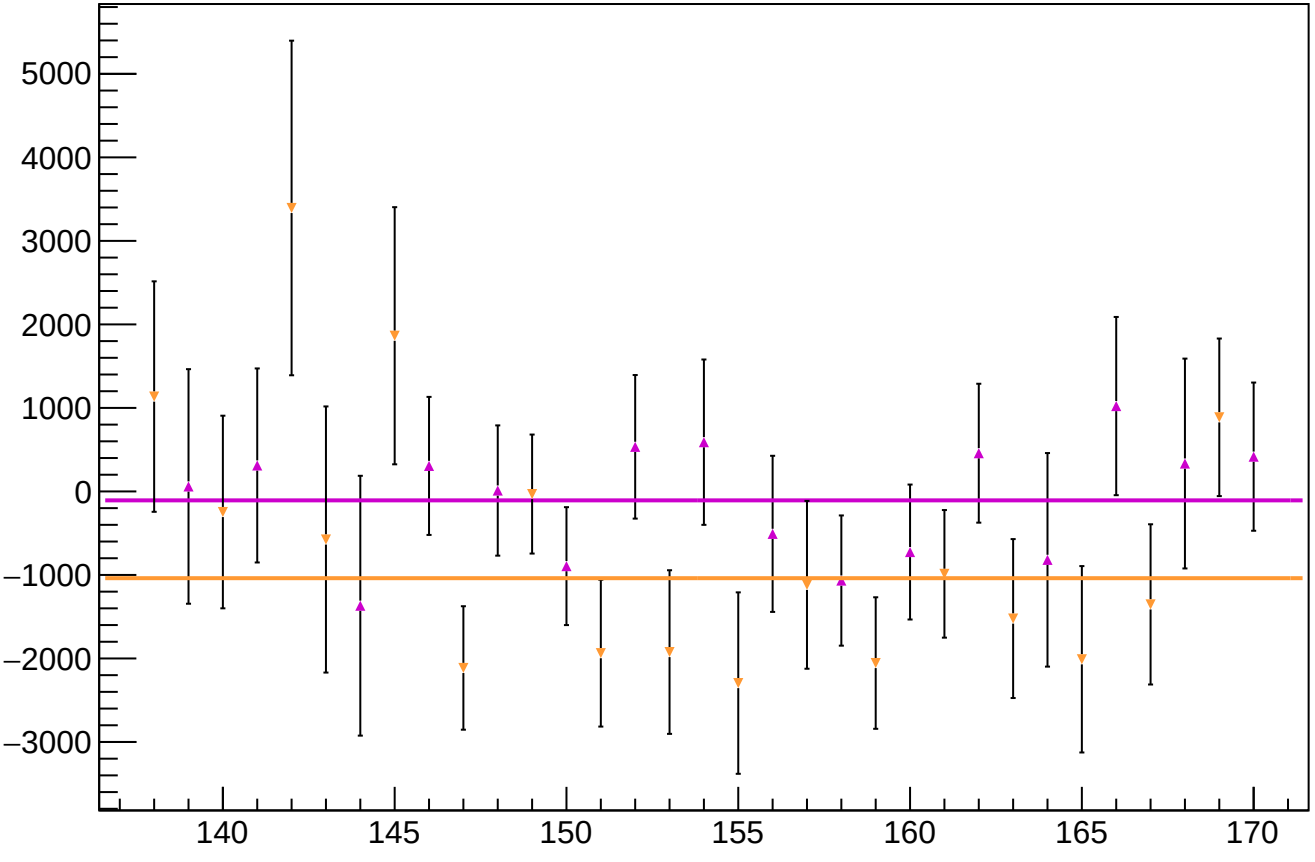
Left In: 2771.878+/-0.553 χ^2/NDF:4817.5/15

+ sign 2804.674+/-0.454 χ^2/NDF: 684509.9/33

All: 2800.119+/-0.319 χ^2/NDF: 1007471.8/68

- sign 2795.663+/-0.449 χ^2/NDF: 322762.5/34

asym_atr1_correction_mean vs Slug



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

Left Out: -1038.770+/-237.291 χ^2/NDF:25.8/16

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

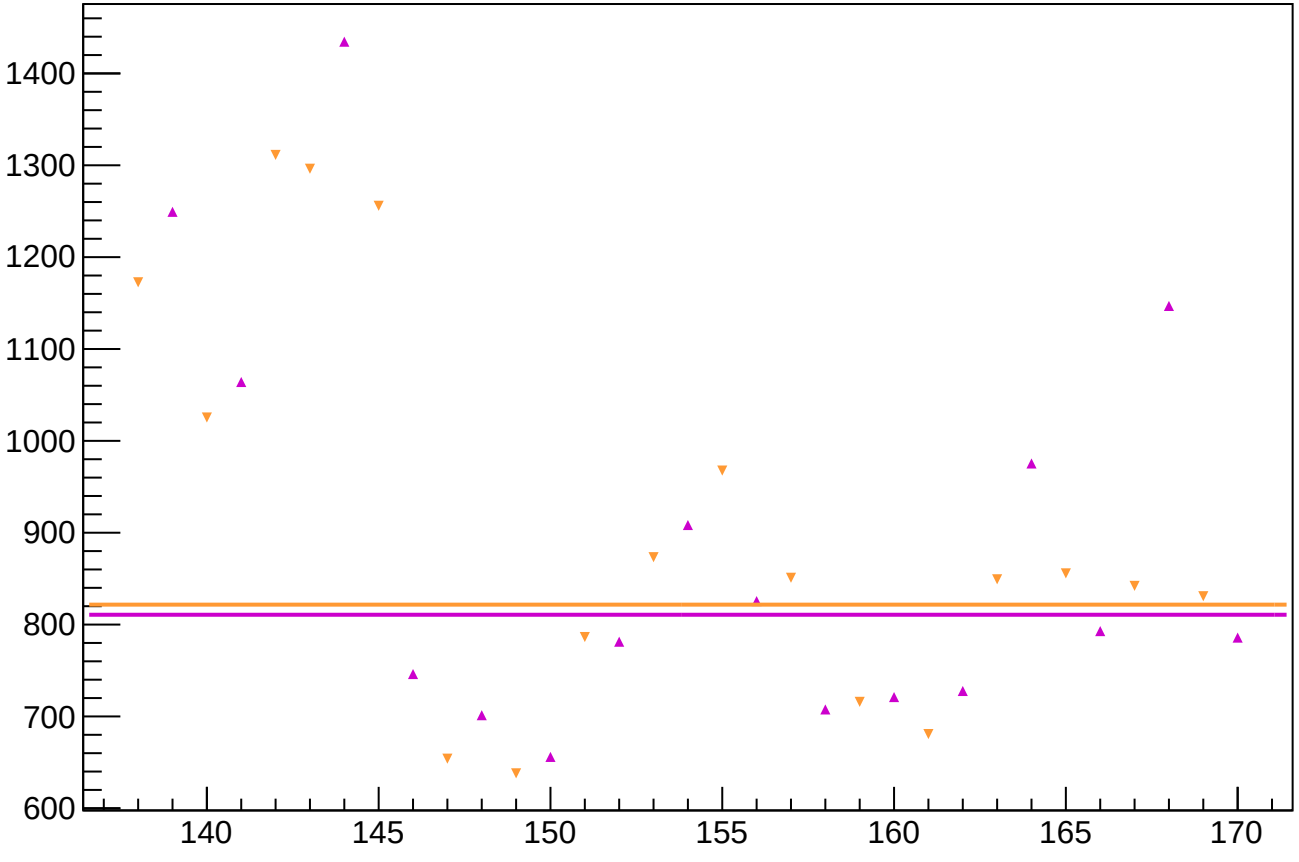
Left In: -106.983+/-233.692 χ^2/NDF:8.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -565.756+/-166.503 χ^2/NDF: 41.6/32

- 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: 821.706+/-0.168 χ^2/NDF:1038877.6/16

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

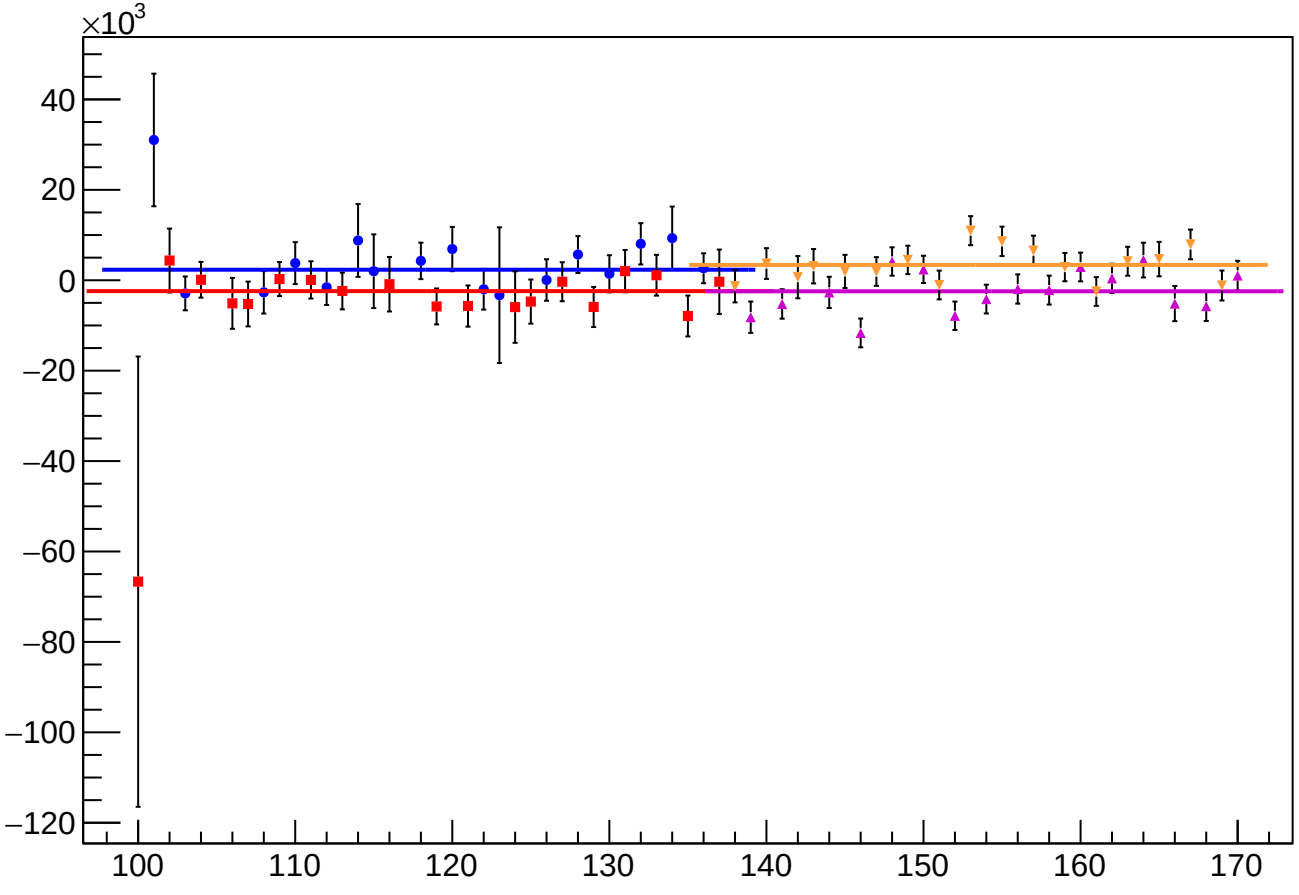
Left In: 810.696+/-0.165 χ^2/NDF:1039859.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 816.117+/-0.118 χ^2/NDF: 2080923.0/32

- 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: 3393.507+/-820.025 χ^2/NDF:21.0/16

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

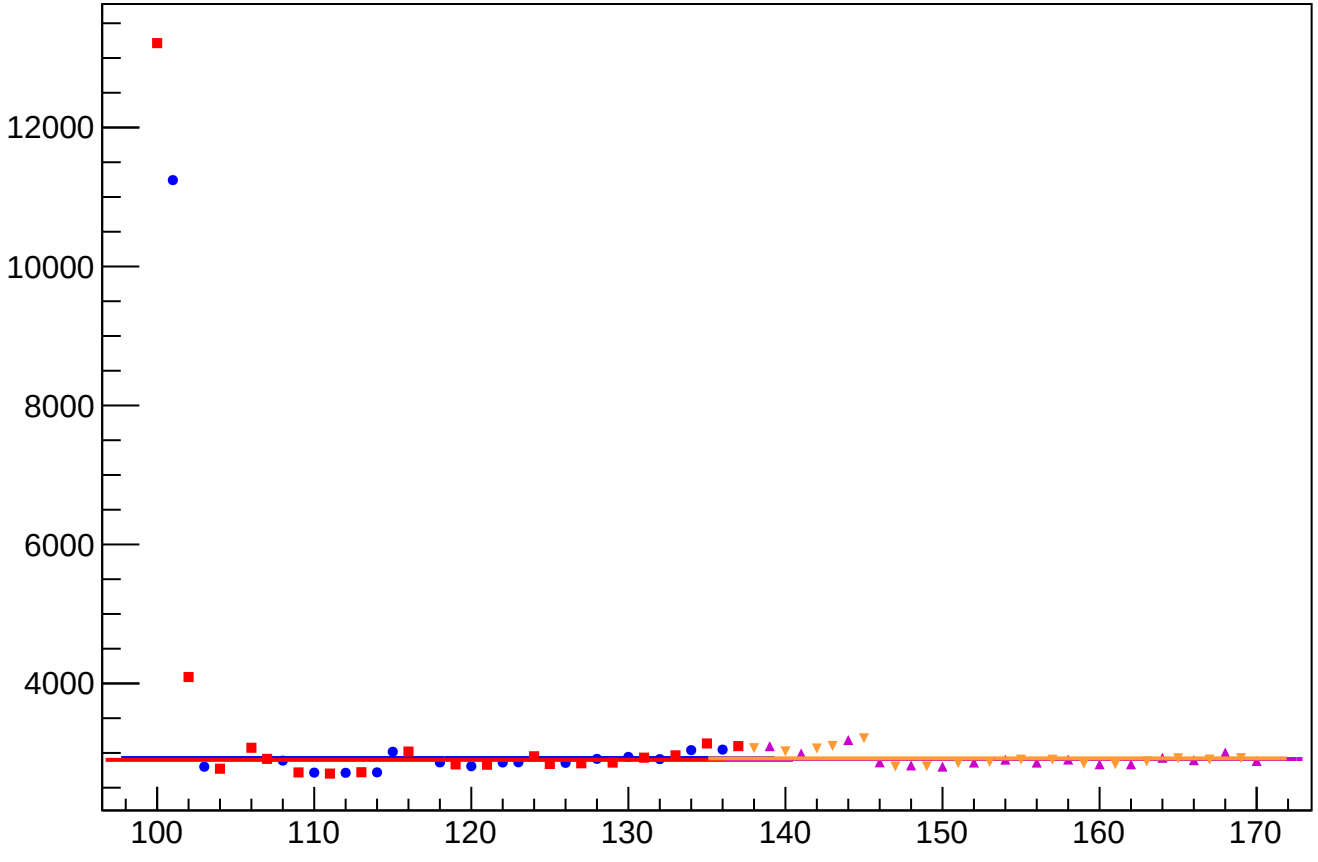
Left In: -2435.412+/-822.046 χ^2/NDF:31.6/15

+ sign 3037.768+/-668.943 χ^2/NDF: 35.9/33

All: 272.642+/-470.048 χ^2/NDF: 111.4/68

- sign -2424.198+/-660.631 χ^2/NDF: 41.7/34

asym_atr1_rms vs Slug



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

Left Out: 2921.917+/-0.580 χ^2/NDF:33948.6/16

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

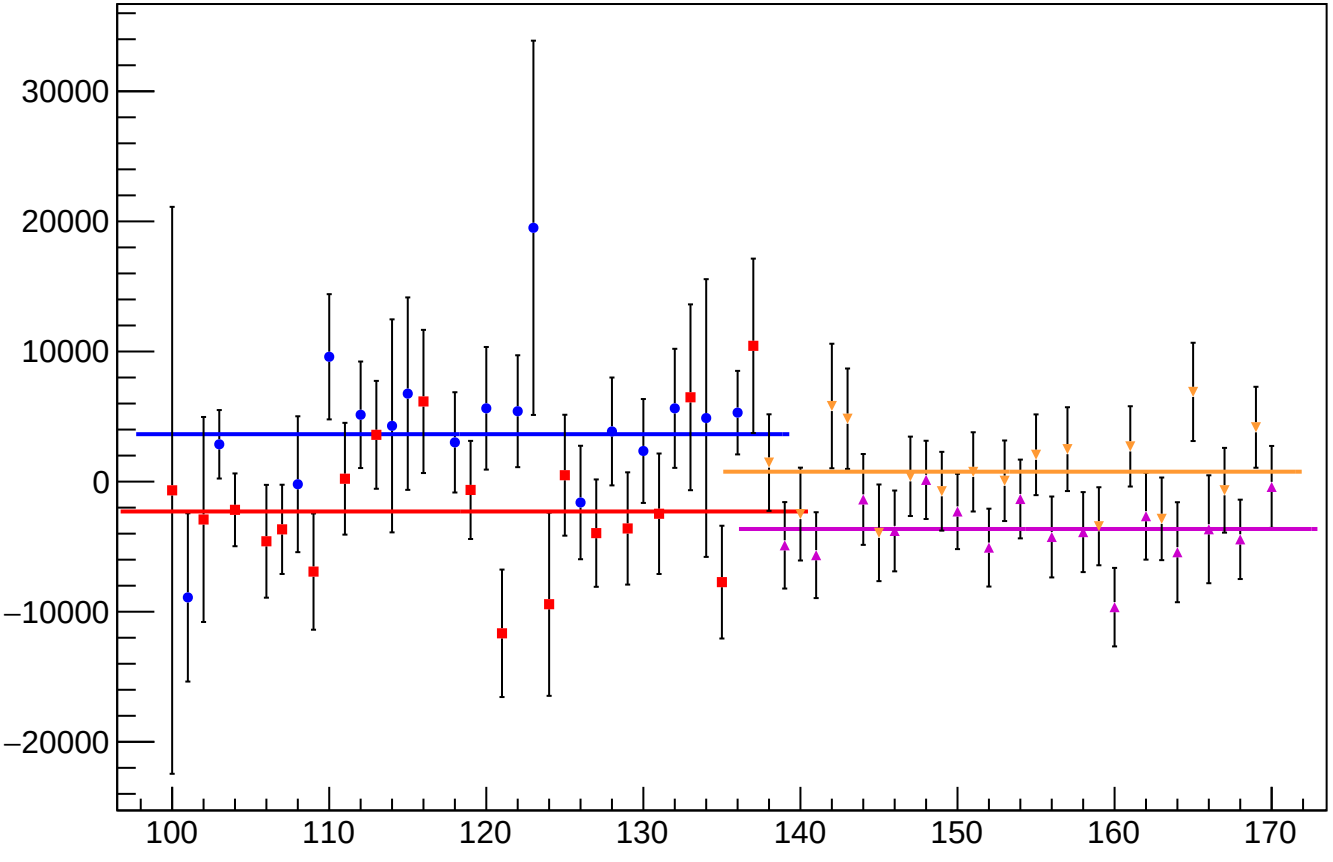
Left In: 2912.728+/-0.581 χ^2/NDF:29225.9/15

+ sign 2923.487+/-0.473 χ^2/NDF: 696764.9/33

All: 2915.906+/-0.332 χ^2/NDF: 896513.2/68

- sign 2908.513+/-0.467 χ^2/NDF: 199241.0/34

dit_asym_atr2_mean vs Slug



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

Left Out: 762.471+/-804.147 χ^2/NDF:13.2/16

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

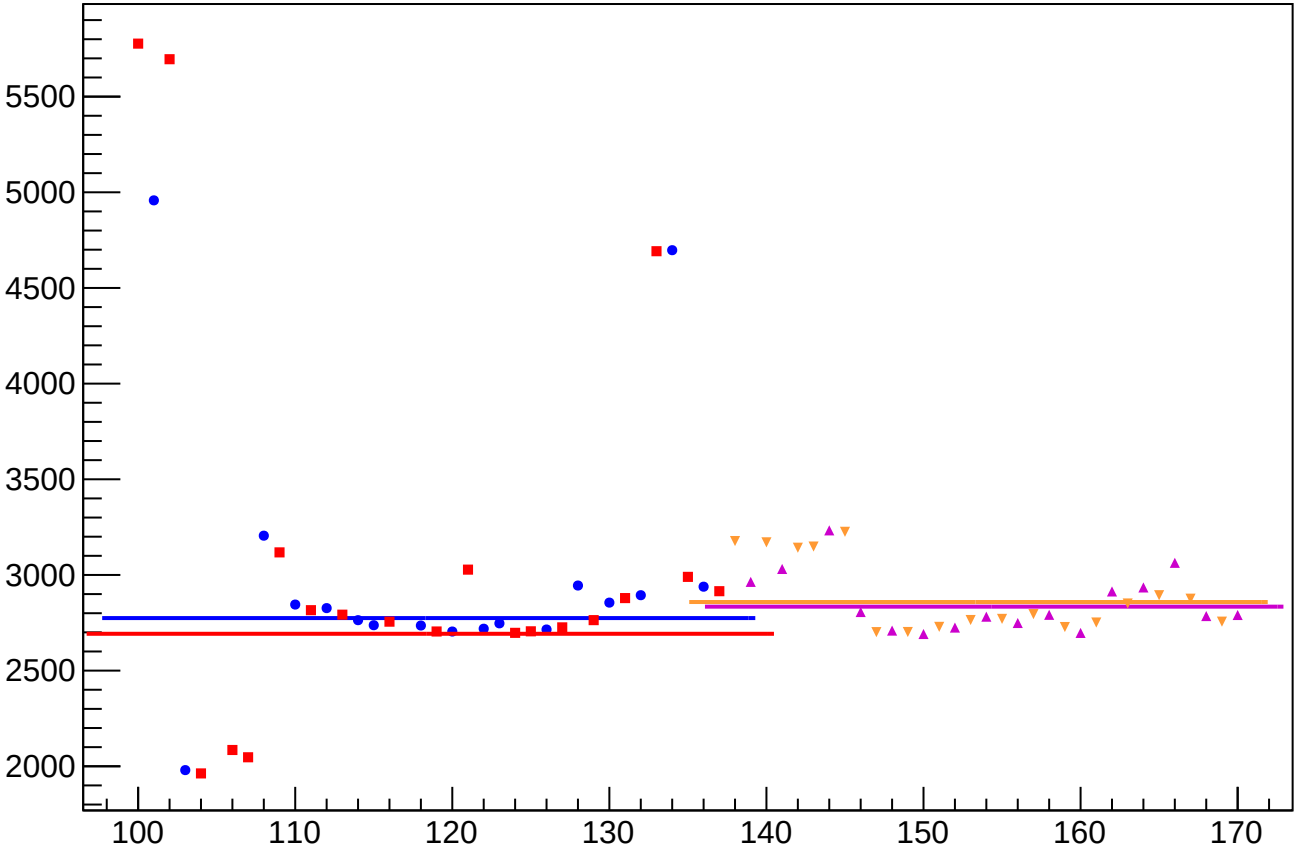
Left In: -3641.665+/-800.174 χ^2/NDF:9.0/15

+ sign 1776.711+/-647.413 χ^2/NDF: 27.5/33

All: -729.122+/-453.604 χ^2/NDF: 85.4/68

- sign -3145.352+/-635.733 χ^2/NDF: 28.4/34

dit_asym_atr2_rms vs Slug



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

Left Out: 2858.541+/-0.569 χ^2/NDF:95038.0/16

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

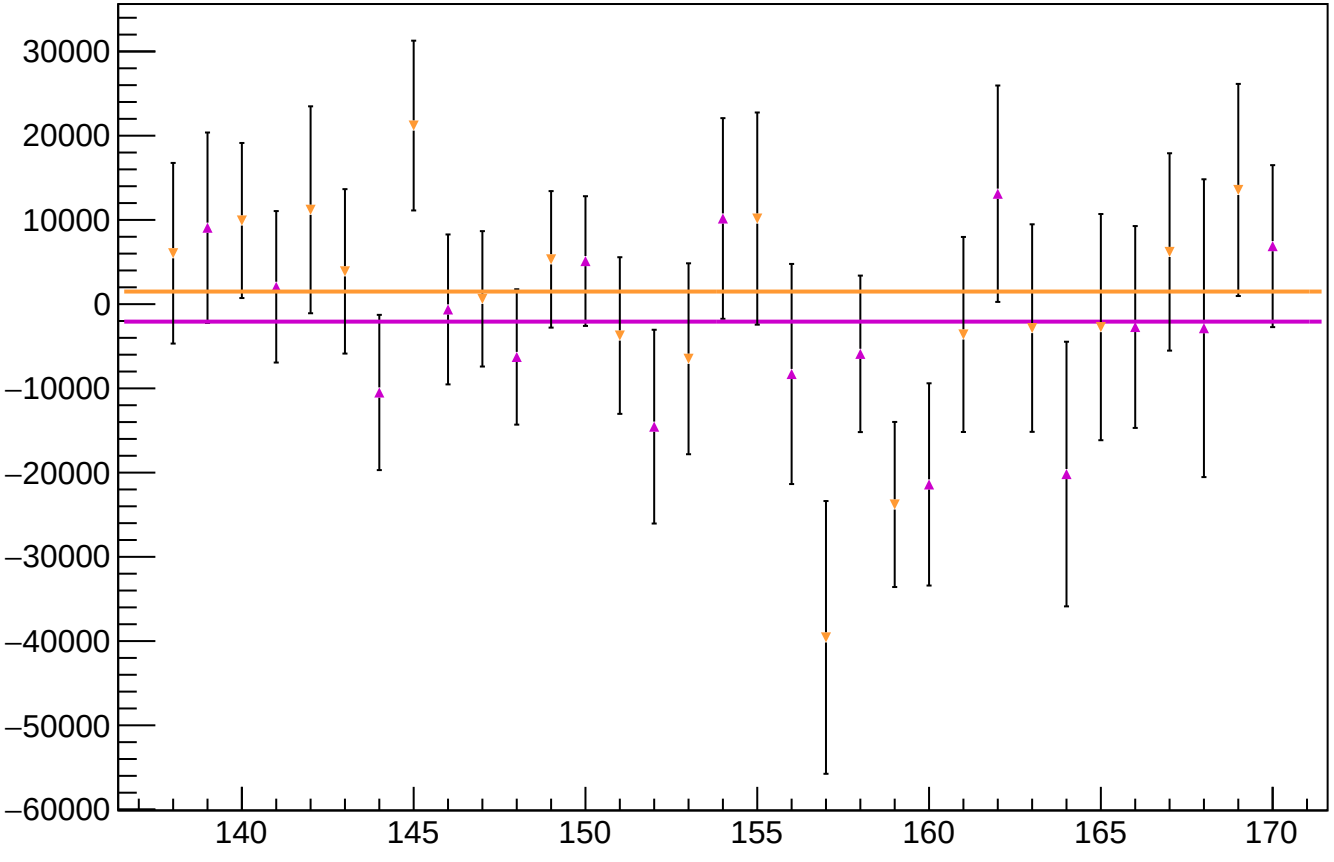
Left In: 2834.300+/-0.566 χ^2/NDF:63561.9/15

+ sign 2829.015+/-0.458 χ^2/NDF: 604382.3/33

All: 2805.071+/-0.321 χ^2/NDF: 1476752.8/68

- sign 2781.989+/-0.449 χ^2/NDF: 866997.8/34

asym_atr2_correction_mean vs Slug



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

Left Out: 1495.537+/-2571.339 χ^2/NDF:21.6/16

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

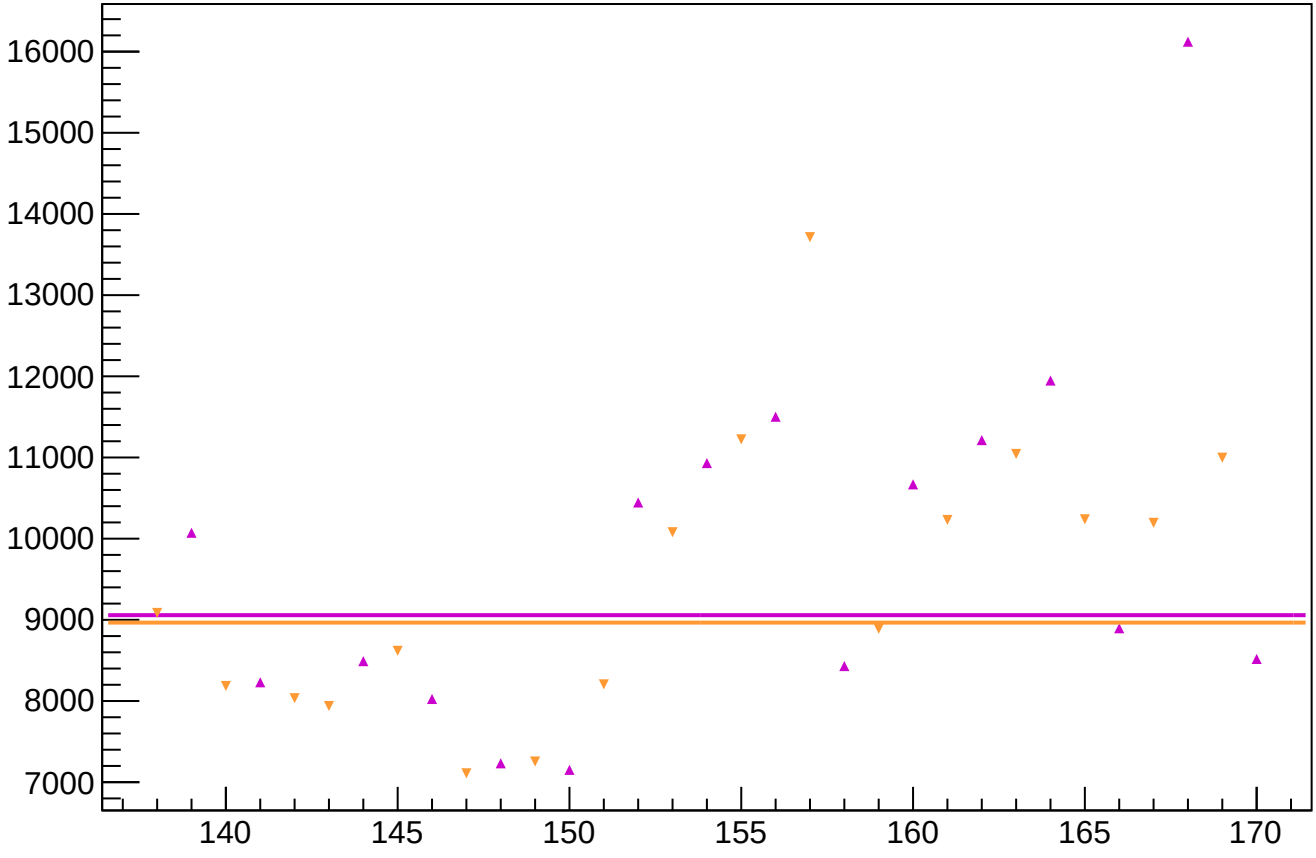
Left In: -2075.032+/-2607.887 χ^2/NDF:12.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -264.553+/-1830.996 χ^2/NDF: 34.6/32

- 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: 8965.926+/-1.818 χ^2/NDF:688475.3/16

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

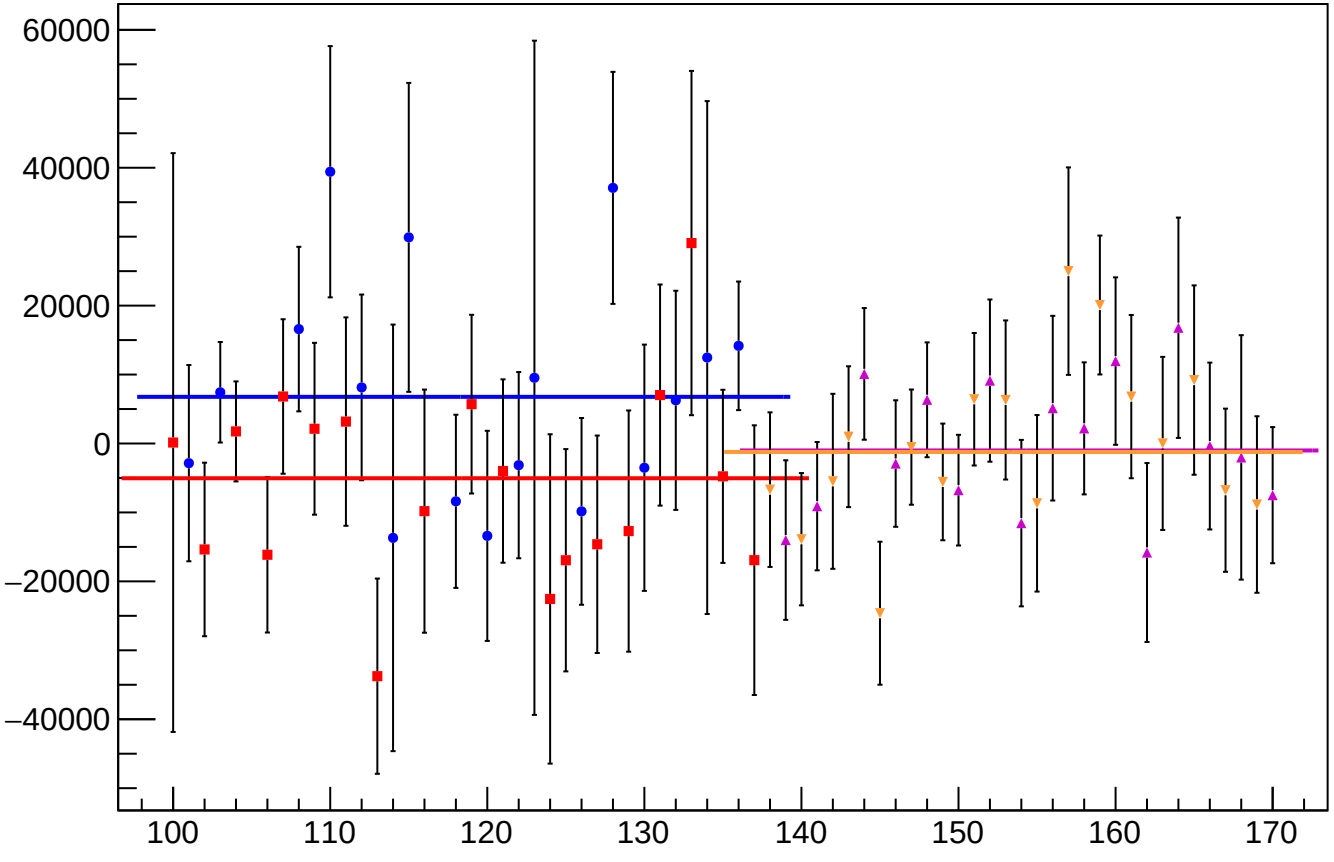
Left In: 9057.510+/-1.844 χ^2/NDF:937078.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9011.071+/-1.295 χ^2/NDF: 1626804.7/32

- 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: -1229.385+/-2645.326 χ^2/NDF:18.0/16

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

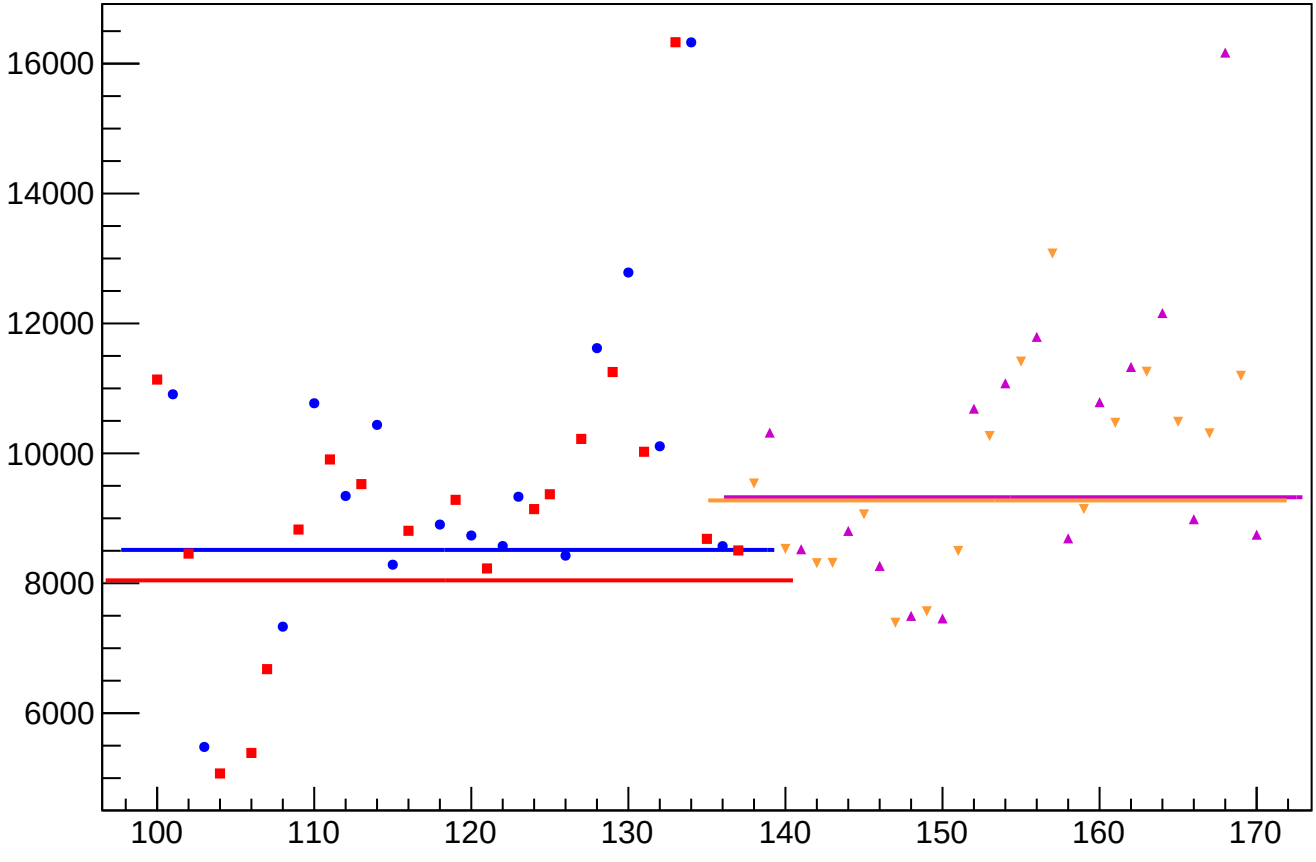
Left In: -1011.120+/-2679.885 χ^2/NDF:10.6/15

+ sign 1800.290+/-2084.843 χ^2/NDF: 36.8/33

All: -488.408+/-1460.250 χ^2/NDF: 64.4/68

- sign -2692.440+/-2045.917 χ^2/NDF: 25.2/34

asym_atr2_rms vs Slug



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

Left Out: 9275.545+/-1.871 χ^2/NDF:583600.4/16

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

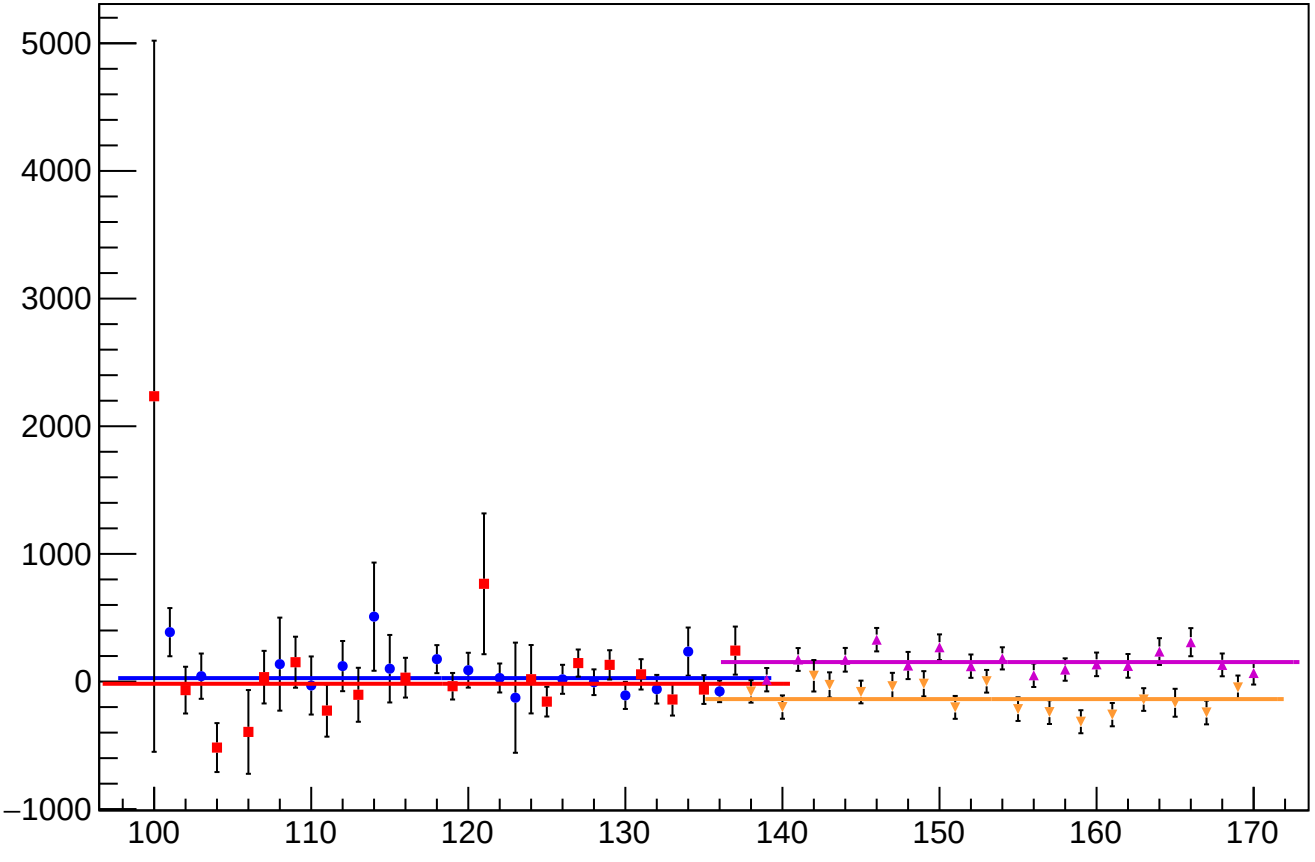
Left In: 9324.202+/-1.895 χ^2/NDF:858320.6/15

+ sign 8986.898+/-1.474 χ^2/NDF: 1409067.7/33

All: 8886.811+/-1.033 χ^2/NDF: 3418934.5/68

- sign 8790.429+/-1.447 χ^2/NDF: 2000818.7/34

dit_asym_sam1_mean vs Slug



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

Left Out: -137.378+/-22.913 χ^2/NDF:20.0/16

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

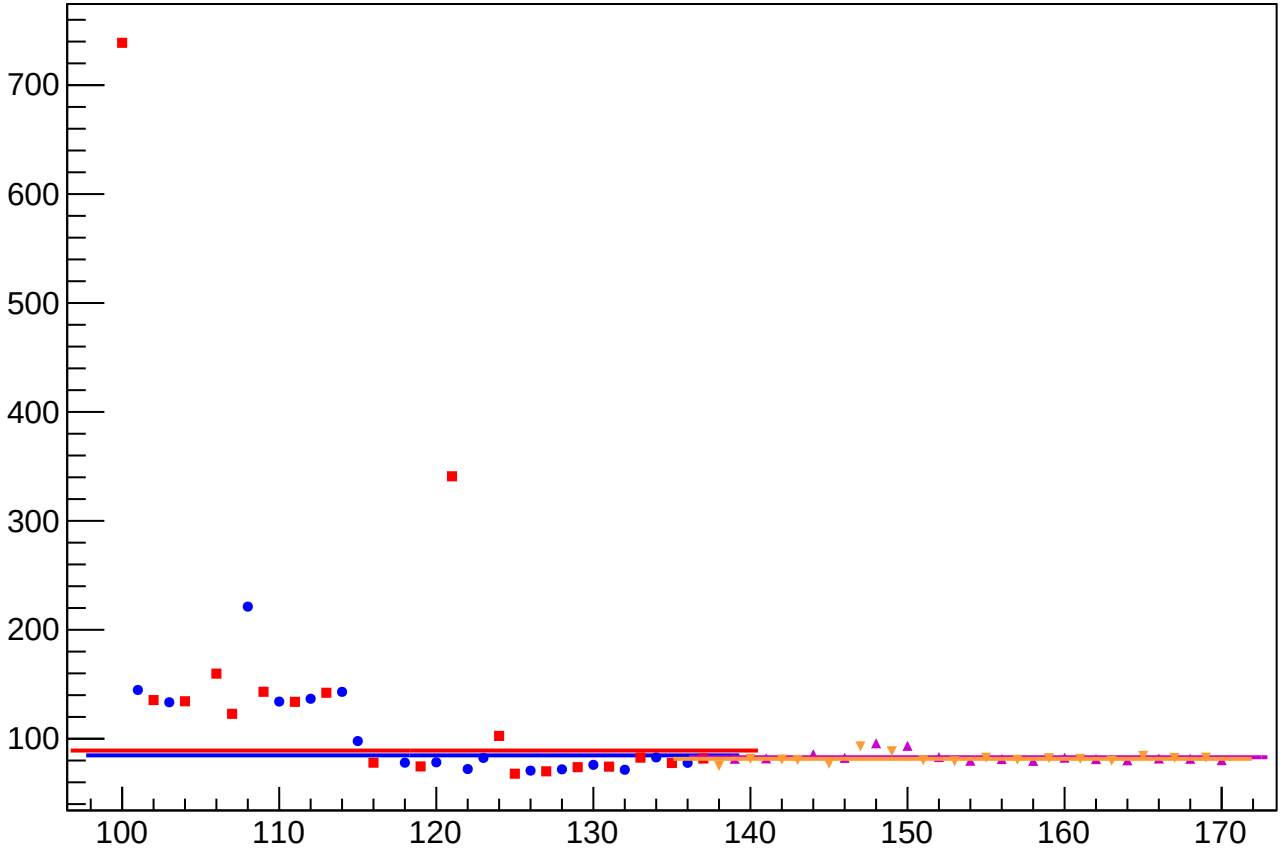
Left In: 152.625+/-23.440 χ^2/NDF:13.1/15

+ sign -86.122+/-19.006 χ^2/NDF: 48.7/33

All: 4.762+/-13.634 χ^2/NDF: 146.7/68

- sign 101.110+/-19.569 χ^2/NDF: 50.9/34

dit_asym_sam1_rms vs Slug



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

Left Out: 81.544+/-0.016 χ^2/NDF:54565.8/16

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

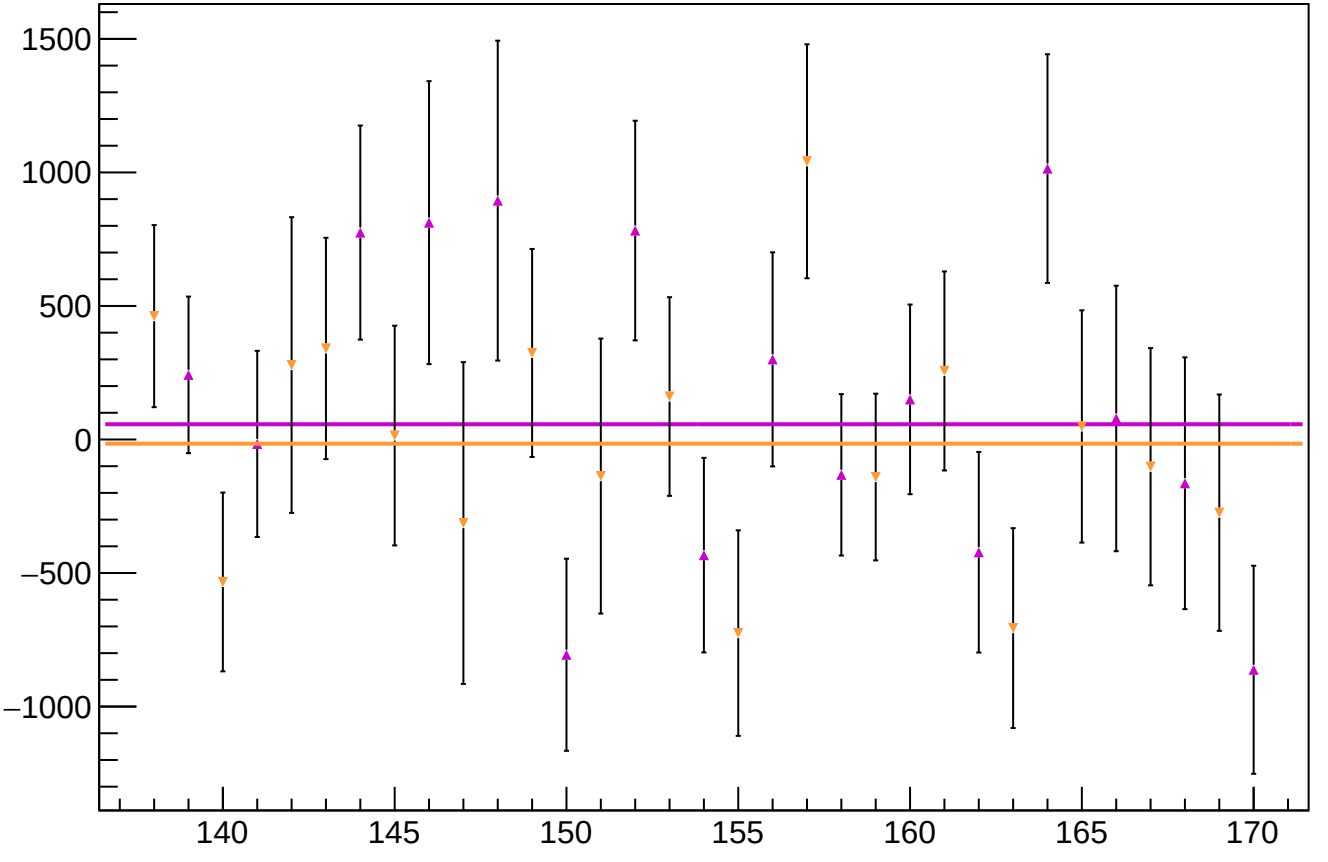
Left In: 83.017+/-0.017 χ^2/NDF:64138.3/15

+ sign 82.540+/-0.013 χ^2/NDF: 1131099.7/33

All: 83.673+/-0.010 χ^2/NDF: 2810534.5/68

- sign 84.874+/-0.014 χ^2/NDF: 1664801.7/34

asym_sam1_correction_mean vs Slug



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

Left Out: -15.723+/-97.633 χ^2/NDF:20.4/16

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

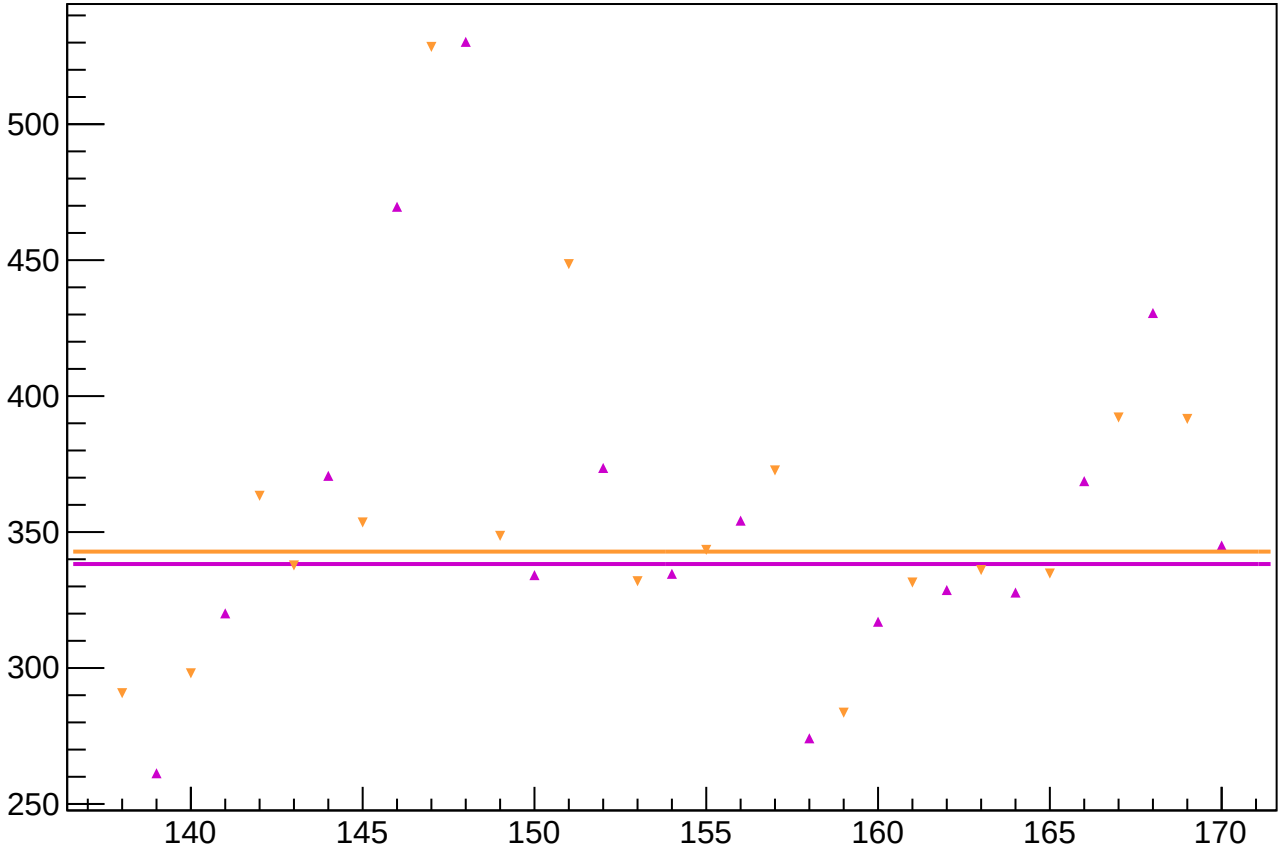
Left In: 57.045+/-96.942 χ^2/NDF:31.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 20.919+/-68.792 χ^2/NDF: 52.2/32

- 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: 342.812+/-0.069 χ^2/NDF:496640.8/16

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

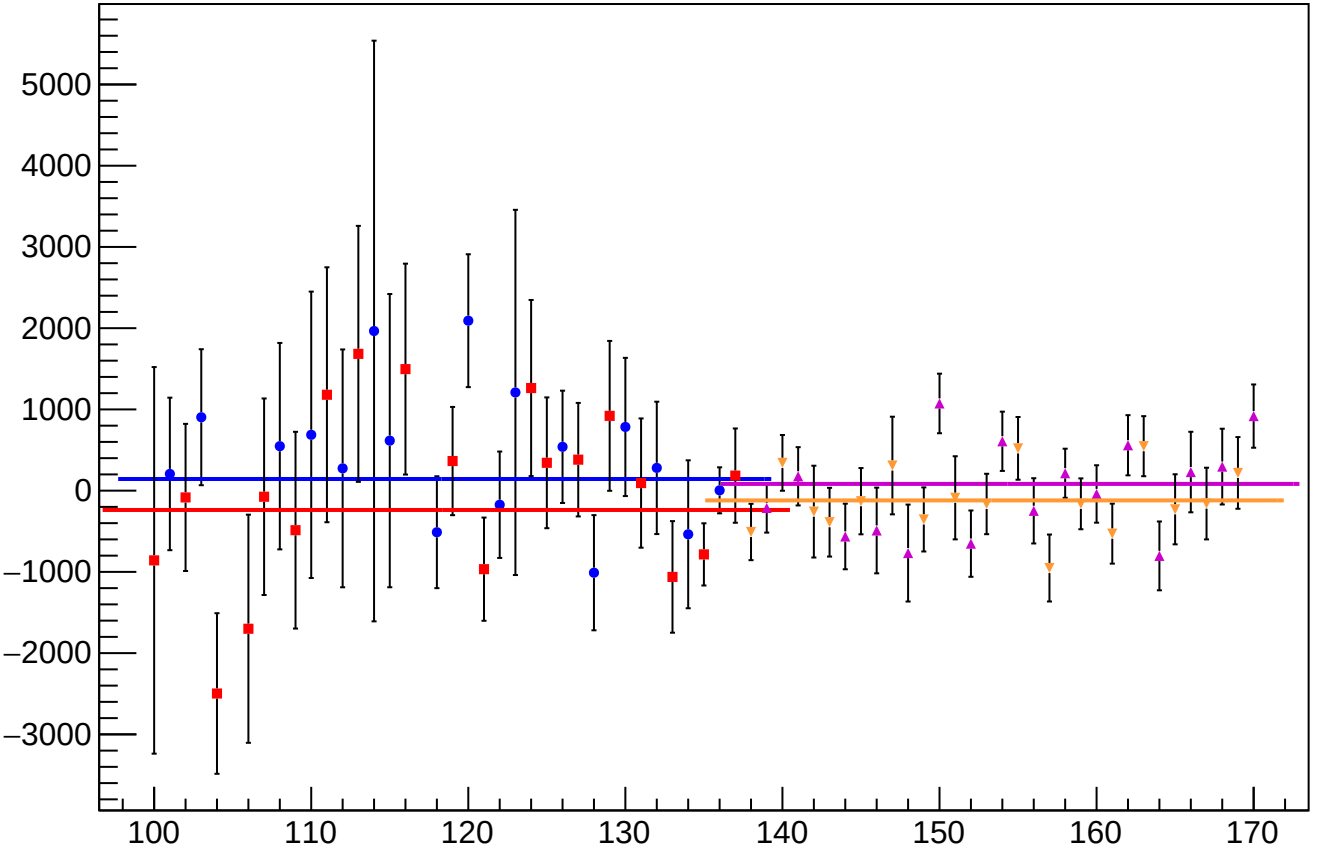
Left In: 338.239+/-0.069 χ^2/NDF:687742.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 340.509+/-0.049 χ^2/NDF: 1186591.7/32

- 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: -120.059+/-97.651 χ^2/NDF:16.4/16

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

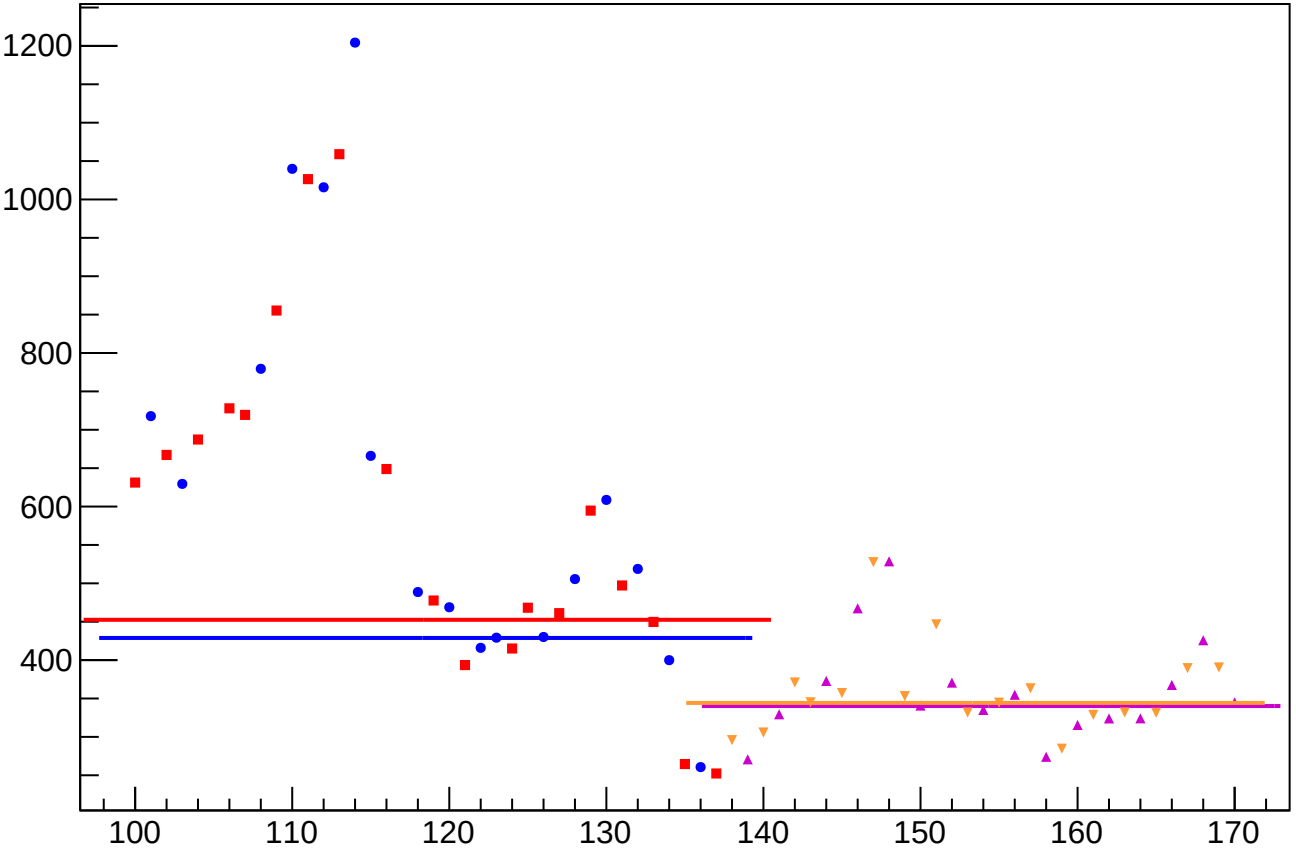
Left In: 82.891+/-97.401 χ^2/NDF:31.3/15

+ sign -59.737+/-85.751 χ^2/NDF: 30.9/33

All: -23.664+/-60.752 χ^2/NDF: 86.6/68

- sign 12.690+/-86.084 χ^2/NDF: 55.4/34

asym_sam1_rms vs Slug



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

Left Out: 344.261+/-0.069 χ^2/NDF:467435.4/16

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

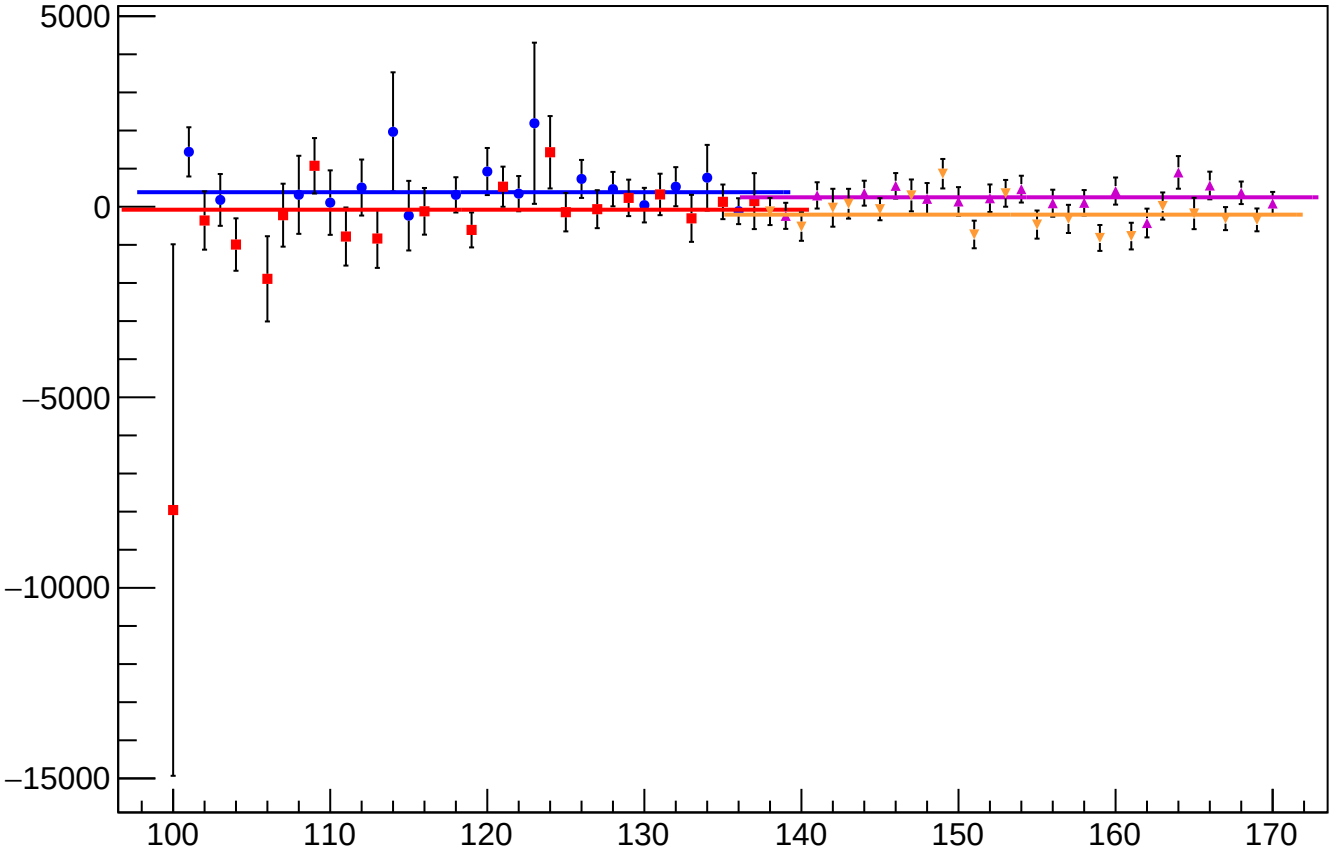
Left In: 340.175+/-0.069 χ^2/NDF:635886.7/15

+ sign 363.624+/-0.061 χ^2/NDF: 2823307.6/33

All: 364.192+/-0.043 χ^2/NDF: 6081005.0/68

- sign 364.766+/-0.061 χ^2/NDF: 3257520.8/34

dit_asym_sam2_mean vs Slug



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

Left Out: -207.159+/-86.664 χ^2/NDF:22.6/16

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

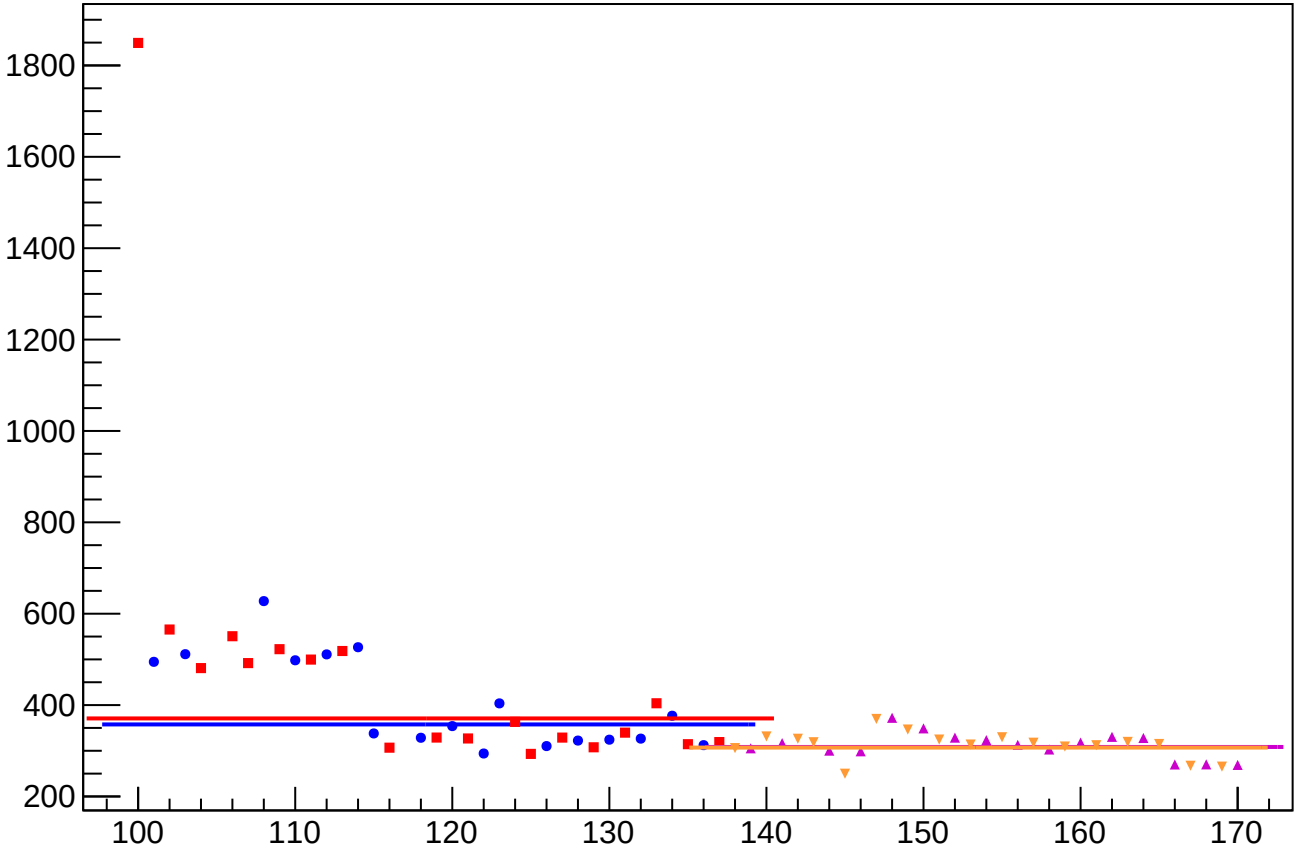
Left In: 248.281+/-87.339 χ^2/NDF:10.7/15

+ sign -45.963+/-73.860 χ^2/NDF: 44.7/33

All: 56.086+/-52.487 χ^2/NDF: 79.8/68

- sign 160.196+/-74.602 χ^2/NDF: 31.2/34

dit_asym_sam2_rms vs Slug



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

Left Out: 307.006+/-0.061 χ^2/NDF:248943.6/16

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

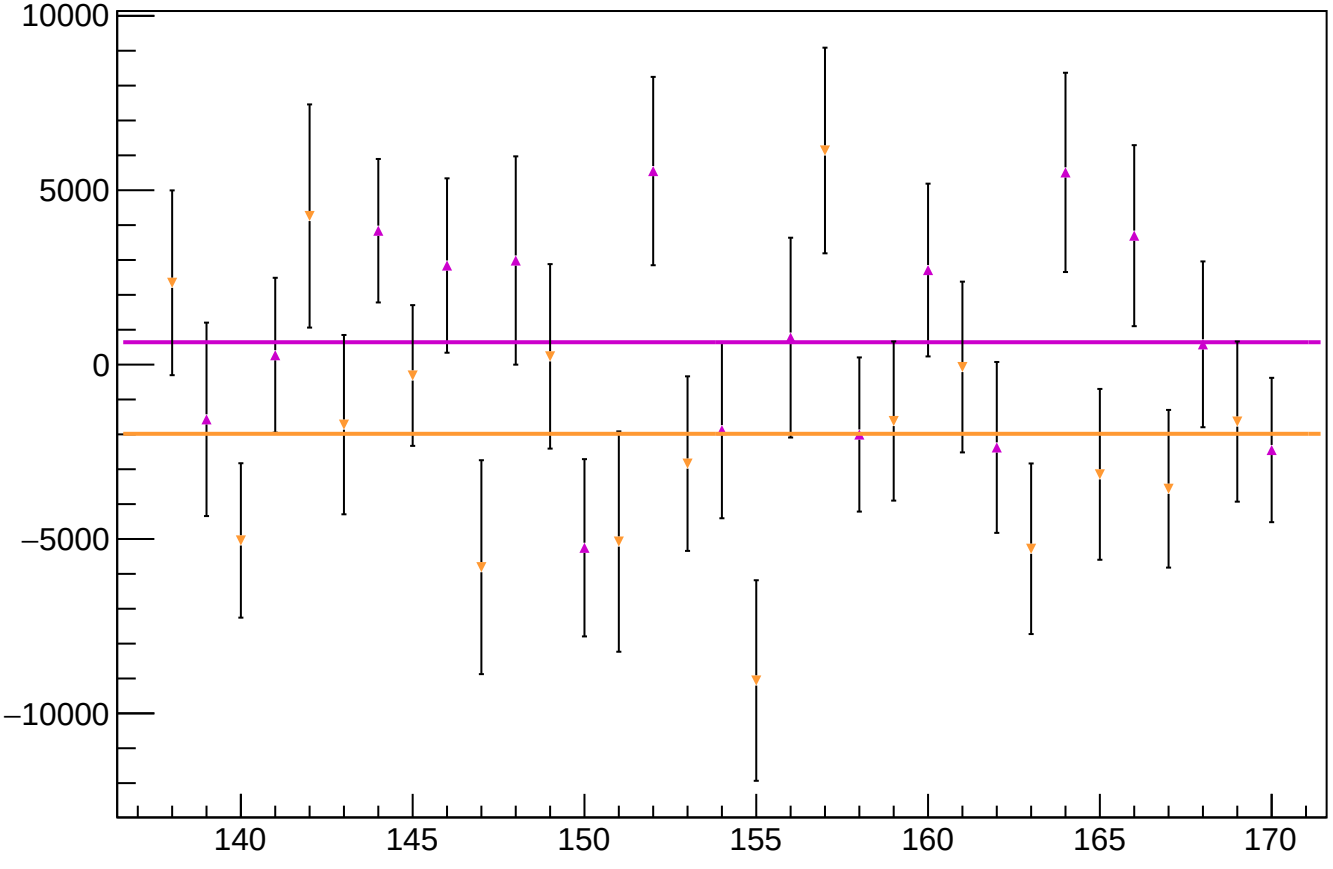
Left In: 308.342+/-0.062 χ^2/NDF:187649.0/15

+ sign 320.869+/-0.052 χ^2/NDF: 1065617.9/33

All: 323.027+/-0.037 χ^2/NDF: 2318006.9/68

- sign 325.228+/-0.053 χ^2/NDF: 1248940.9/34

asym_sam2_correction_mean vs Slug



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

Left Out: -1983.950+/-612.650 χ^2/NDF:29.3/16

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

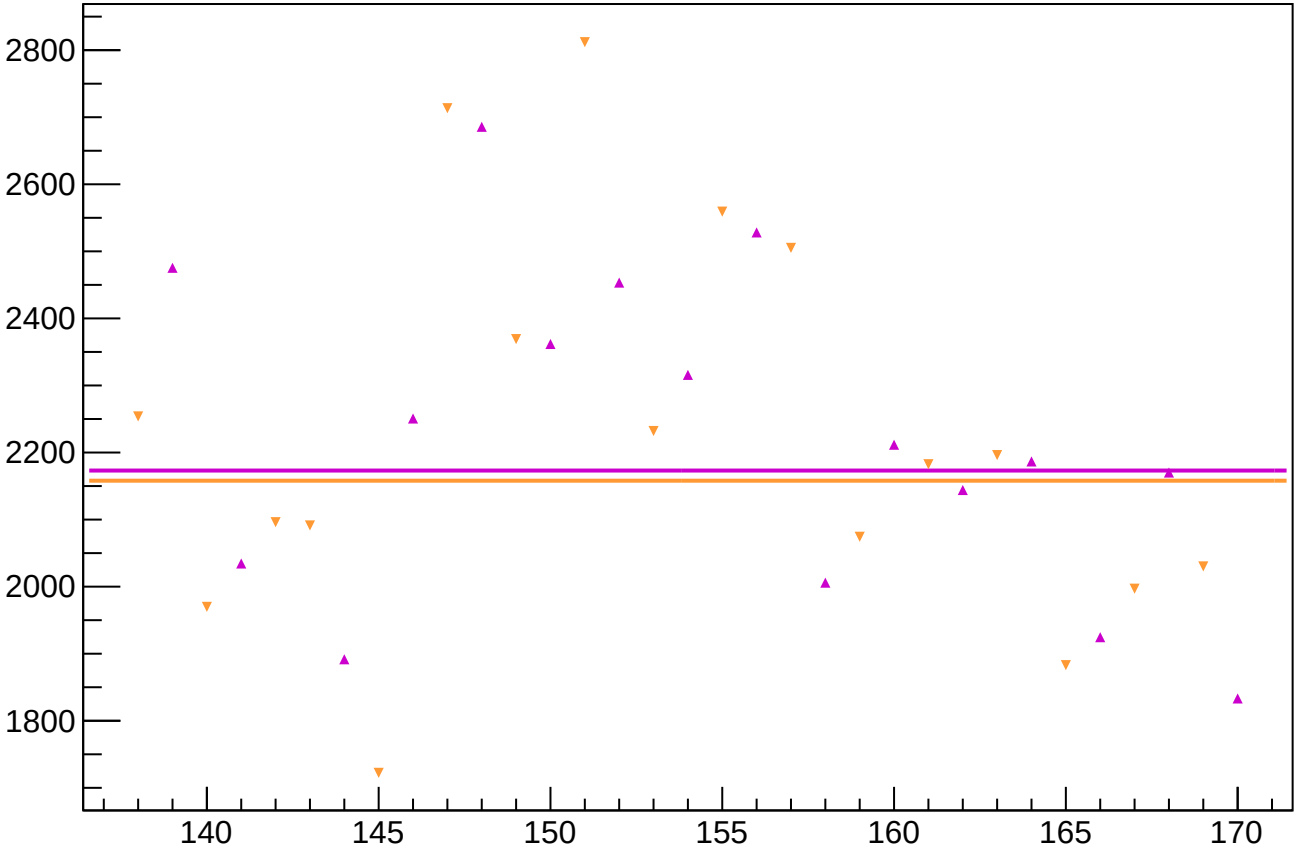
Left In: 641.790+/-616.916 χ^2/NDF:24.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -680.190+/-434.709 χ^2/NDF: 62.7/32

- 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: 2158.006+/-0.433 χ^2/NDF:389786.4/16

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

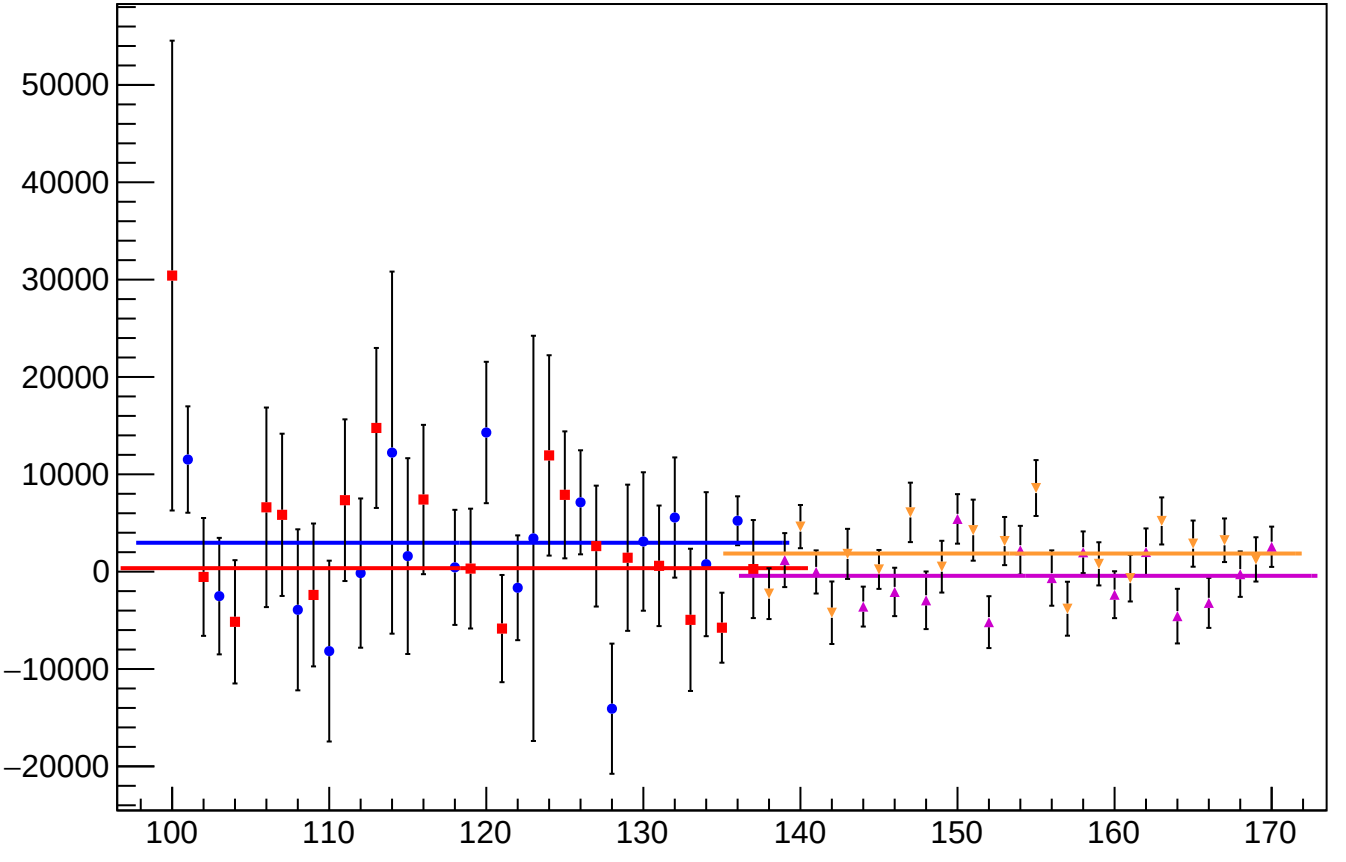
Left In: 2173.137+/-0.436 χ^2/NDF:284066.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2165.519+/-0.307 χ^2/NDF: 674458.3/32

- 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: 1862.760+/-605.027 χ^2/NDF:24.9/16

Right Out: 358.685+/-1507.064 χ^2/NDF: 15.3/18

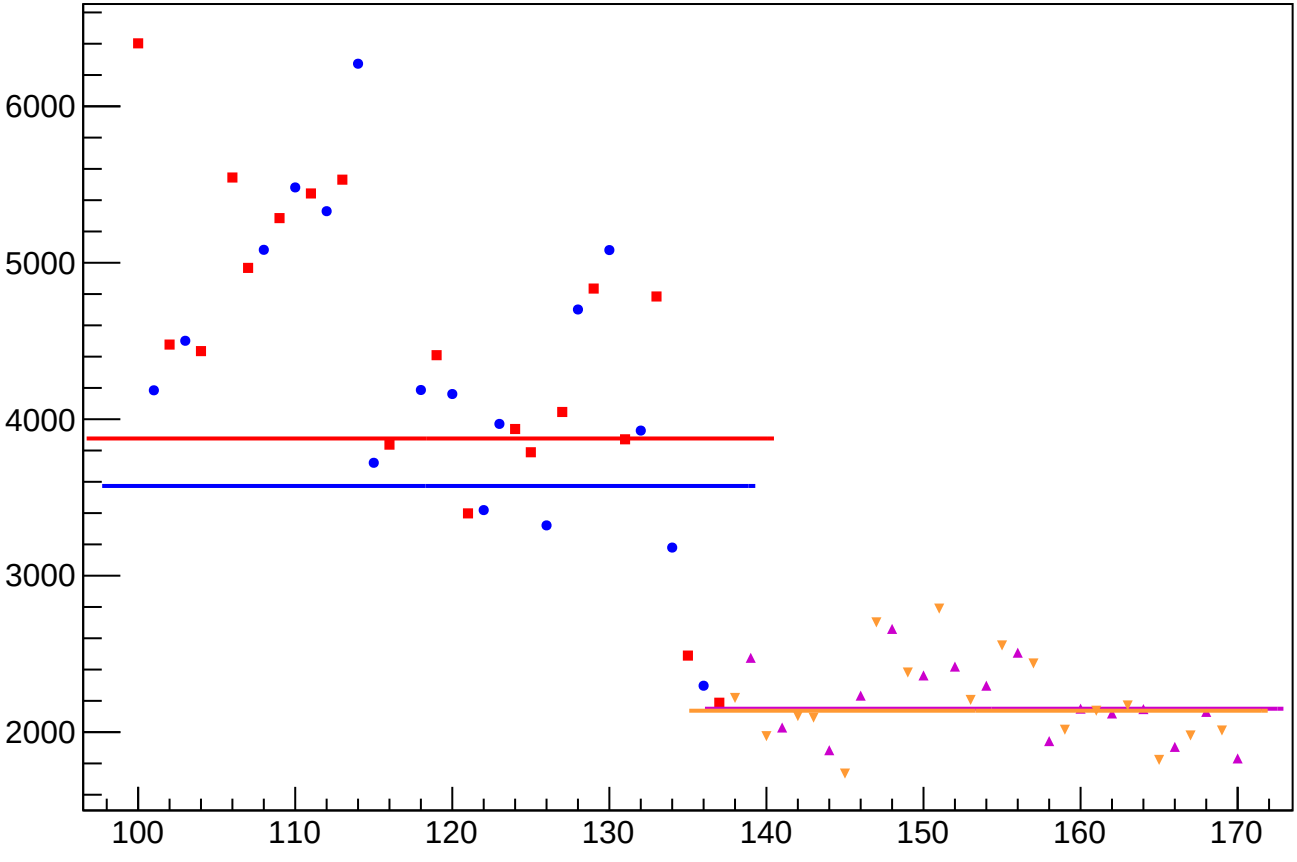
Left In: -427.023+/-610.539 χ^2/NDF:21.9/15

+ sign 2028.669+/-557.821 χ^2/NDF: 42.8/33

All: 872.998+/-397.253 χ^2/NDF: 88.9/68

- sign -316.252+/-565.867 χ^2/NDF: 37.5/34

asym_sam2_rms vs Slug



Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2137.001+/-0.428 χ^2/NDF:391482.1/16

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

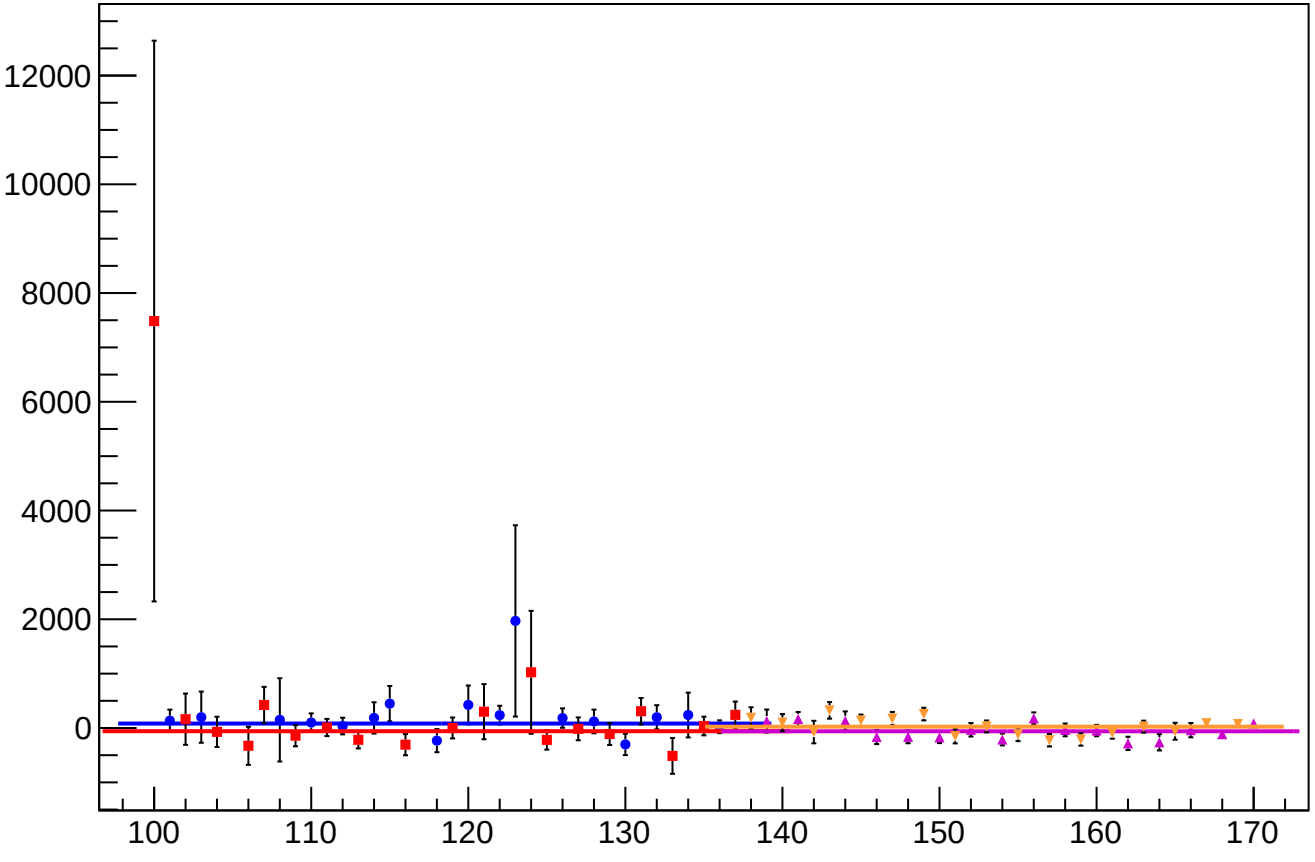
Left In: 2149.709+/-0.432 χ^2/NDF:285978.6/15

+ sign 2352.411+/-0.394 χ^2/NDF: 3170820.4/33

All: 2372.521+/-0.281 χ^2/NDF: 6707091.1/68

- sign 2393.215+/-0.400 χ^2/NDF: 3530996.7/34

dit_asym_sam3_mean vs Slug



Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 24.679+/-28.577 χ^2/NDF:26.0/16

Right Out: -59.008+/-53.165 χ^2/NDF: 16.4/18

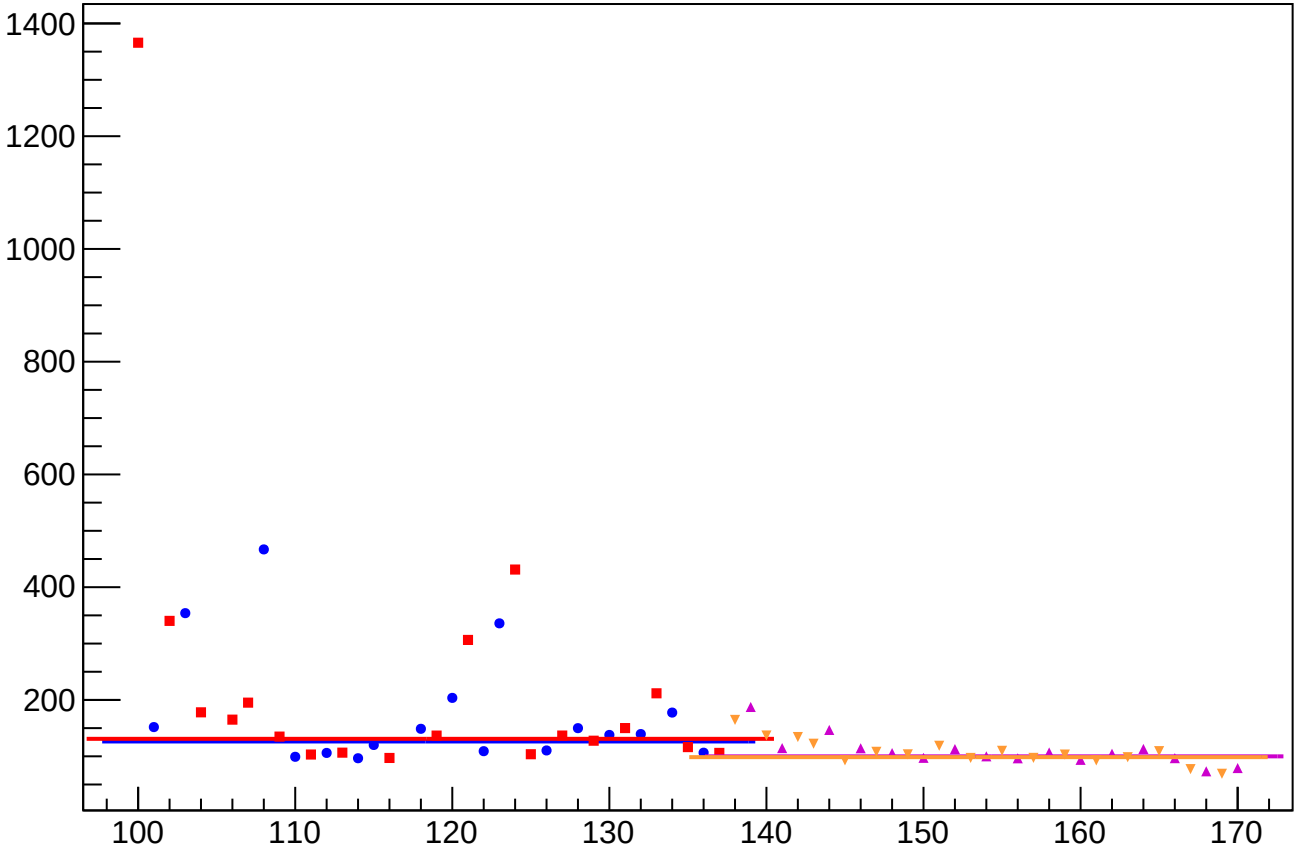
Left In: -60.257+/-29.139 χ^2/NDF:22.6/15

+ sign 37.977+/-25.034 χ^2/NDF: 38.5/33

All: -9.992+/-17.882 χ^2/NDF: 85.0/68

- sign -59.968+/-25.552 χ^2/NDF: 39.0/34

dit_asym_sam3_rms vs Slug



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 98.518+/-0.020 χ^2/NDF:962615.0/16

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

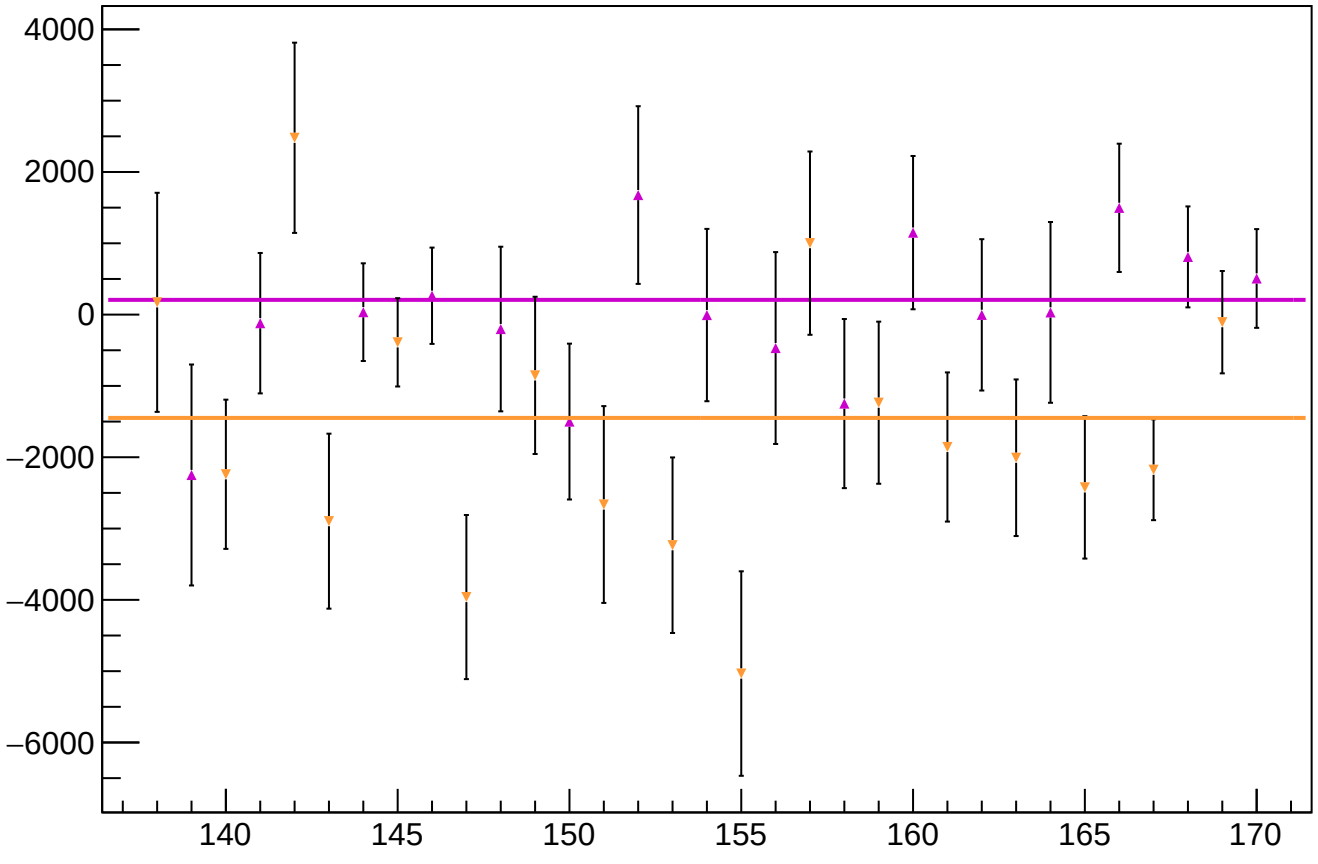
Left In: 99.936+/-0.021 χ^2/NDF:925770.8/15

+ sign 104.989+/-0.018 χ^2/NDF: 2714113.9/33

All: 106.029+/-0.013 χ^2/NDF: 5601517.4/68

- sign 107.113+/-0.018 χ^2/NDF: 2880352.8/34

asym_sam3_correction_mean vs Slug



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

Left Out: -1448.582+/-246.263 χ^2/NDF:38.5/16

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

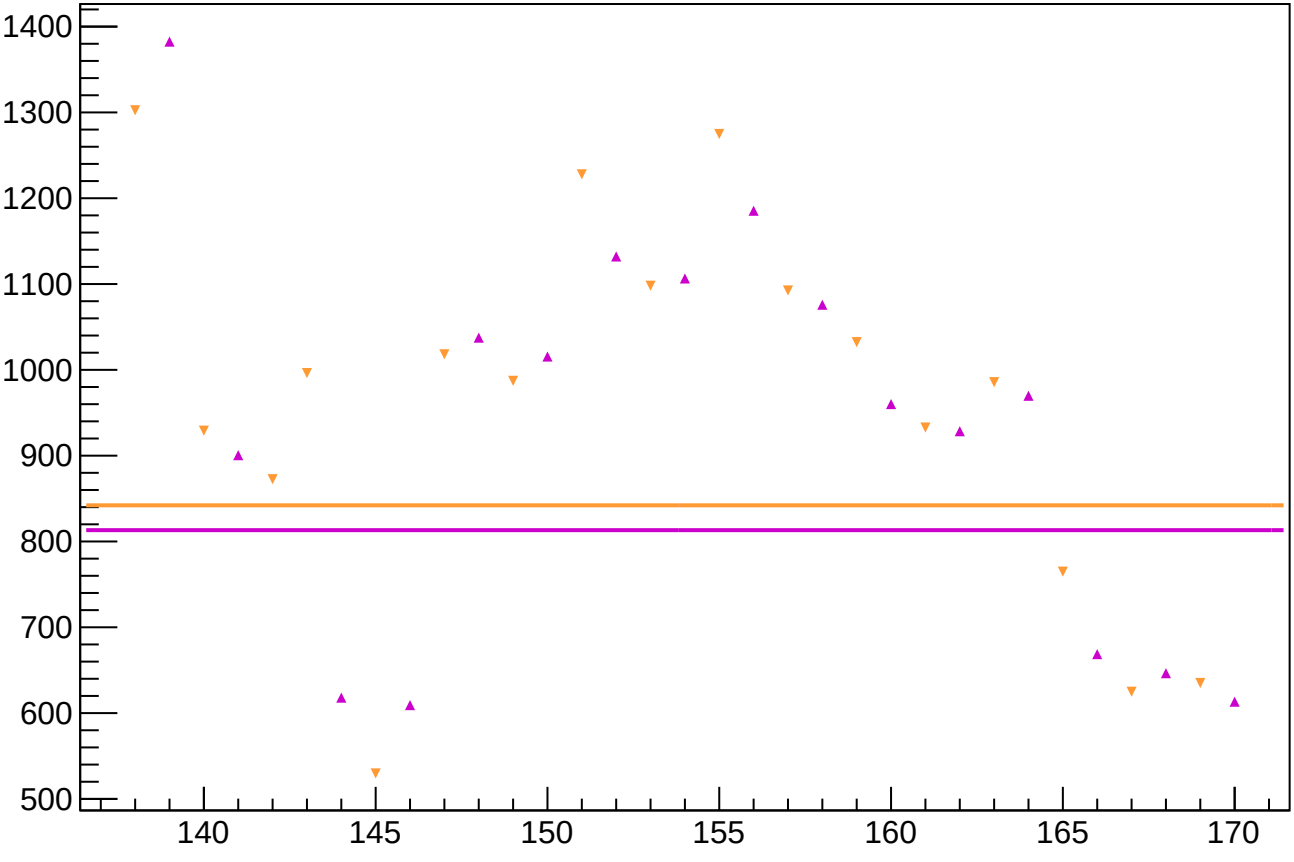
Left In: 206.777+/-238.039 χ^2/NDF:12.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -592.801+/-171.152 χ^2/NDF: 74.1/32

- 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: 842.133+/-0.174 χ^2/NDF:1789963.6/16

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

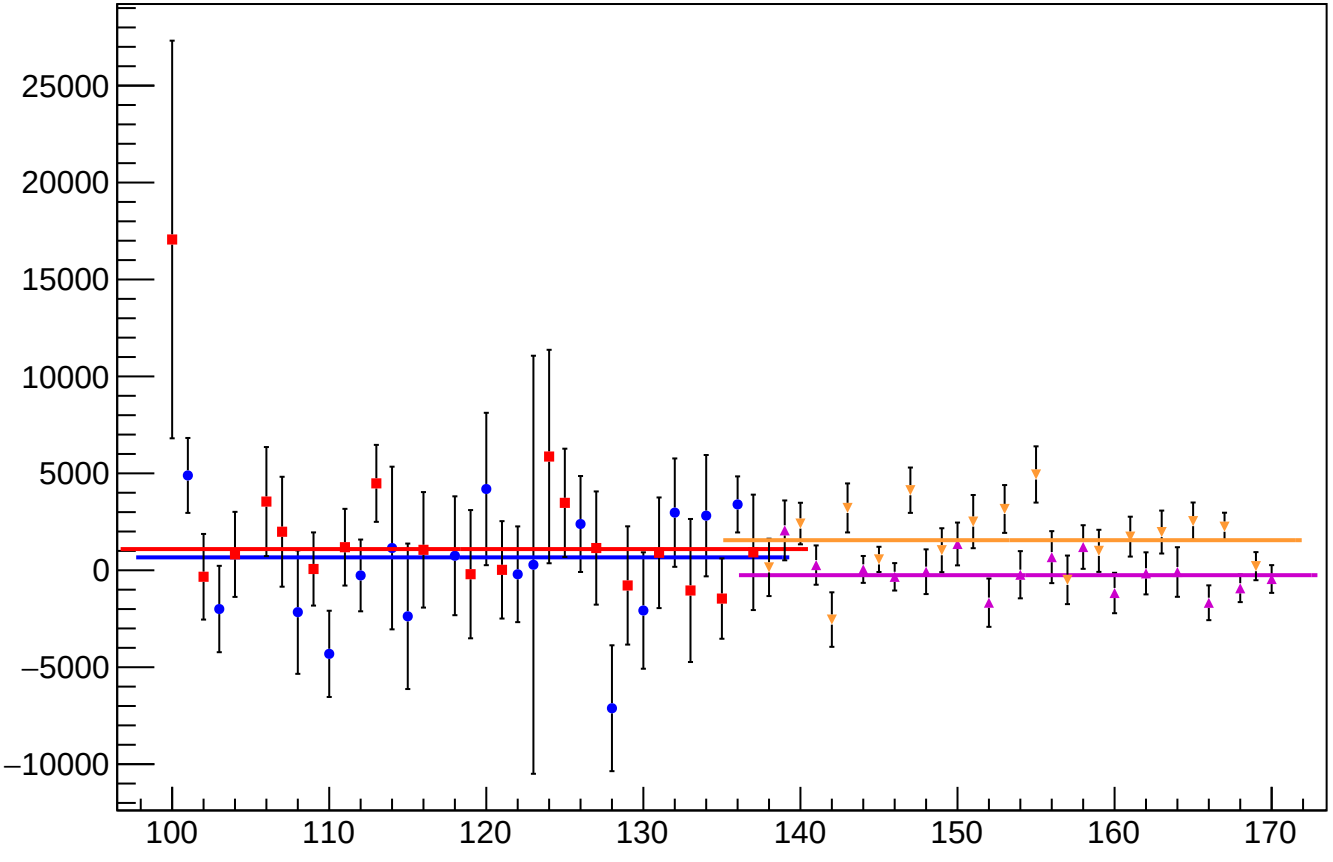
Left In: 813.189+/-0.168 χ^2/NDF:1695737.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 827.170+/-0.121 χ^2/NDF: 3499983.8/32

- 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: 1552.502+/-248.767 χ^2/NDF:35.3/16

Right Out: 1094.278+/-602.639 χ^2/NDF: 11.0/18

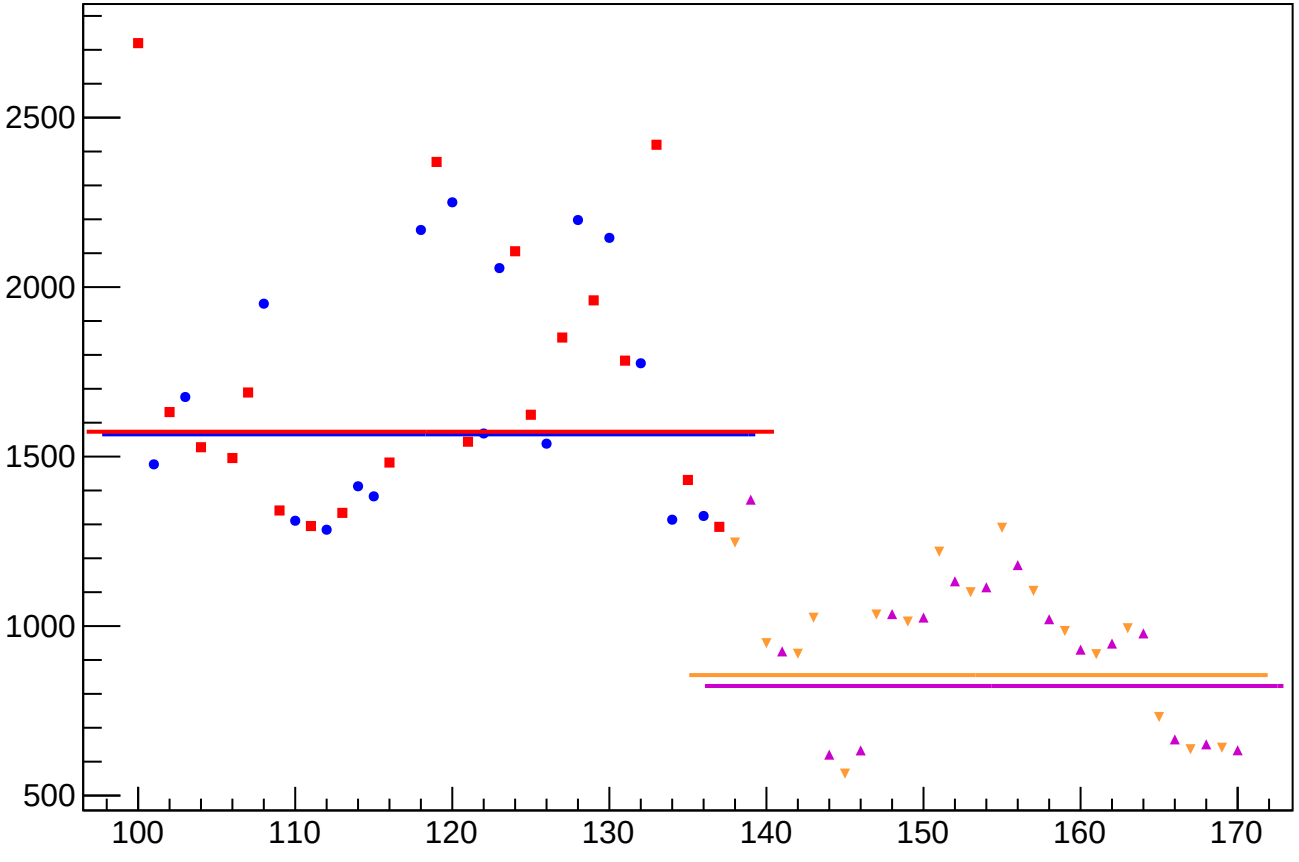
Left In: -252.149+/-240.810 χ^2/NDF:12.6/15

+ sign 1429.239+/-230.816 χ^2/NDF: 62.7/33

All: 657.548+/-160.606 χ^2/NDF: 112.2/68

- sign -66.761+/-223.618 χ^2/NDF: 27.9/34

asym_sam3_rms vs Slug



Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 855.459+/-0.176 χ^2/NDF:1617219.3/16

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

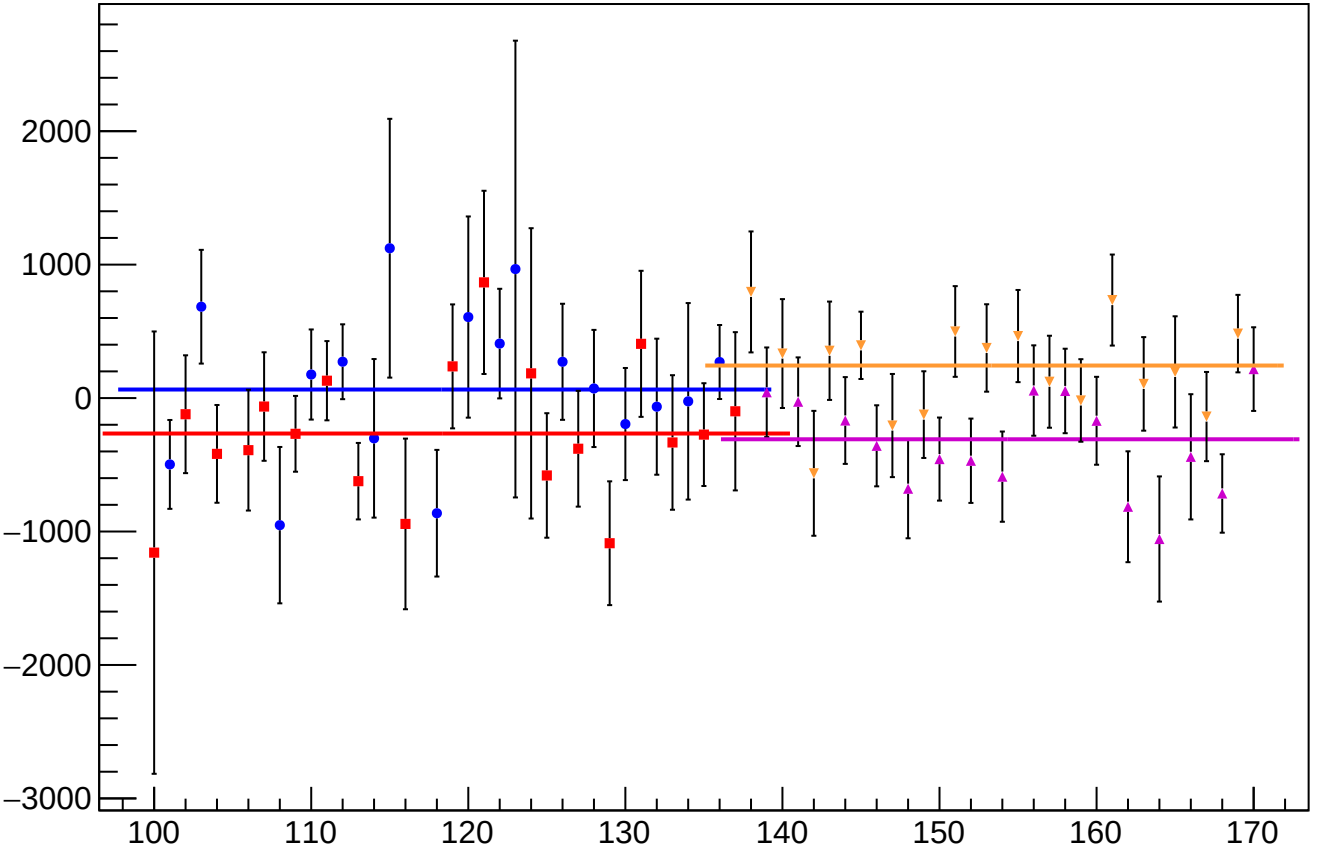
Left In: 823.265+/-0.170 χ^2/NDF:1558819.8/15

+ sign 954.254+/-0.163 χ^2/NDF: 4375450.2/33

All: 939.961+/-0.114 χ^2/NDF: 9083067.6/68

- sign 926.545+/-0.158 χ^2/NDF: 4692749.6/34

dit_asym_sam4_mean vs Slug



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 243.858+/-83.556 χ^2/NDF:13.8/16

Right Out: -265.661+/-99.379 χ^2/NDF: 14.7/18

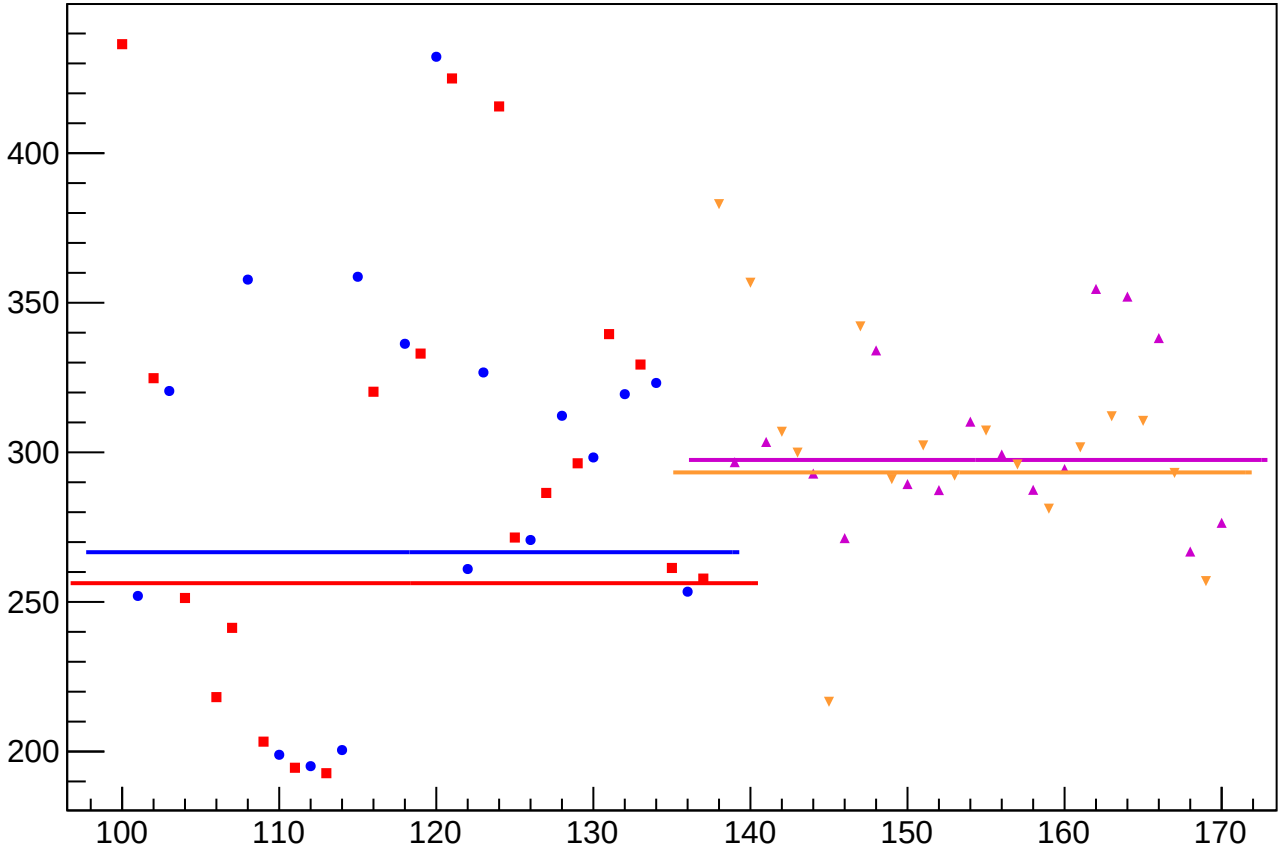
Left In: -308.753+/-84.783 χ^2/NDF:15.7/15

+ sign 174.430+/-65.462 χ^2/NDF: 32.3/33

All: -61.528+/-45.945 χ^2/NDF: 88.4/68

- sign -290.601+/-64.500 χ^2/NDF: 30.5/34

dit_asym_sam4_rms vs Slug



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 293.294+/-0.059 χ^2/NDF:395285.3/16

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

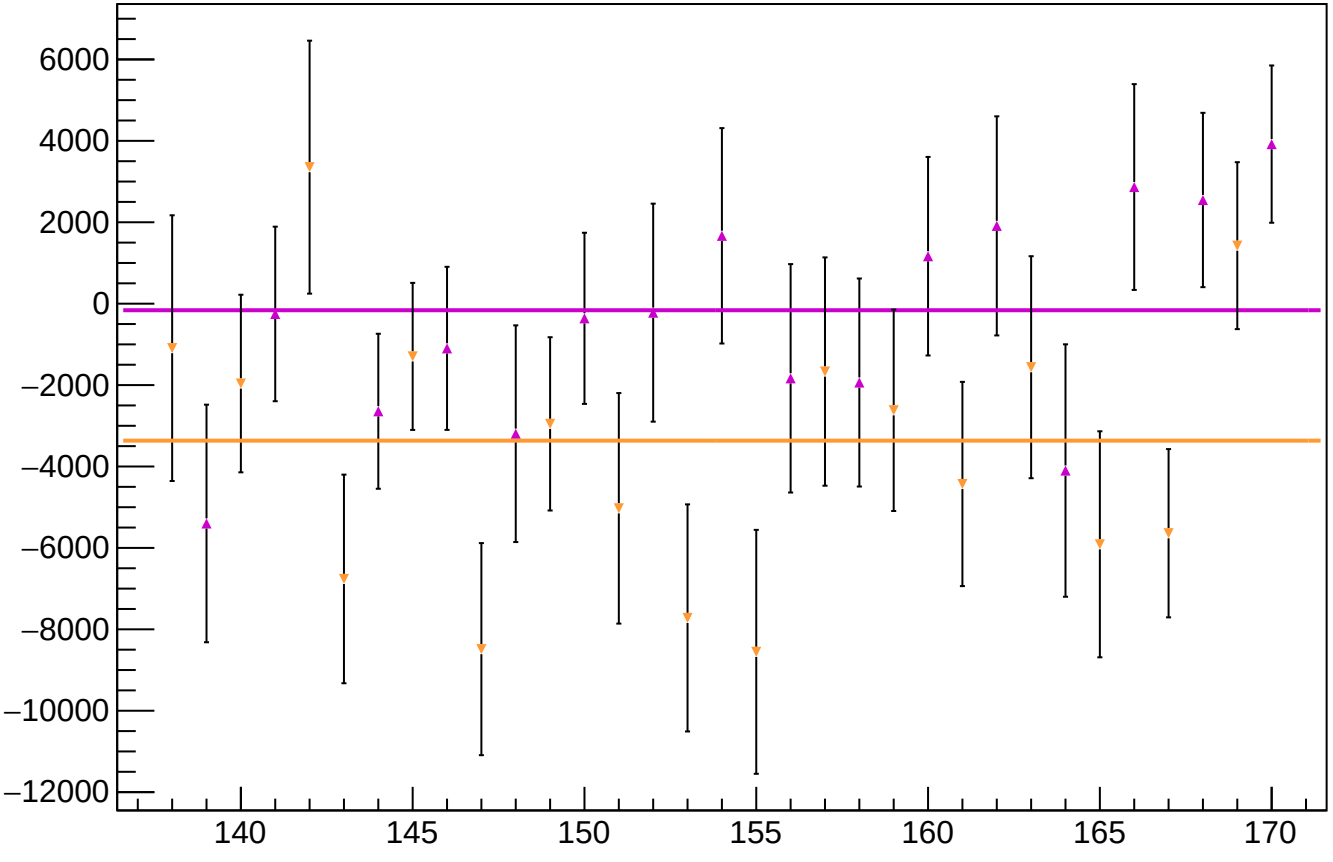
Left In: 297.459+/-0.060 χ^2/NDF:154464.3/15

+ sign 282.994+/-0.046 χ^2/NDF: 1024730.8/33

All: 281.530+/-0.032 χ^2/NDF: 2076919.3/68

- sign 280.108+/-0.046 χ^2/NDF: 1050215.9/34

asym_sam4_correction_mean vs Slug



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

Left Out: -3364.881+/-599.283 χ^2/NDF:26.9/16

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

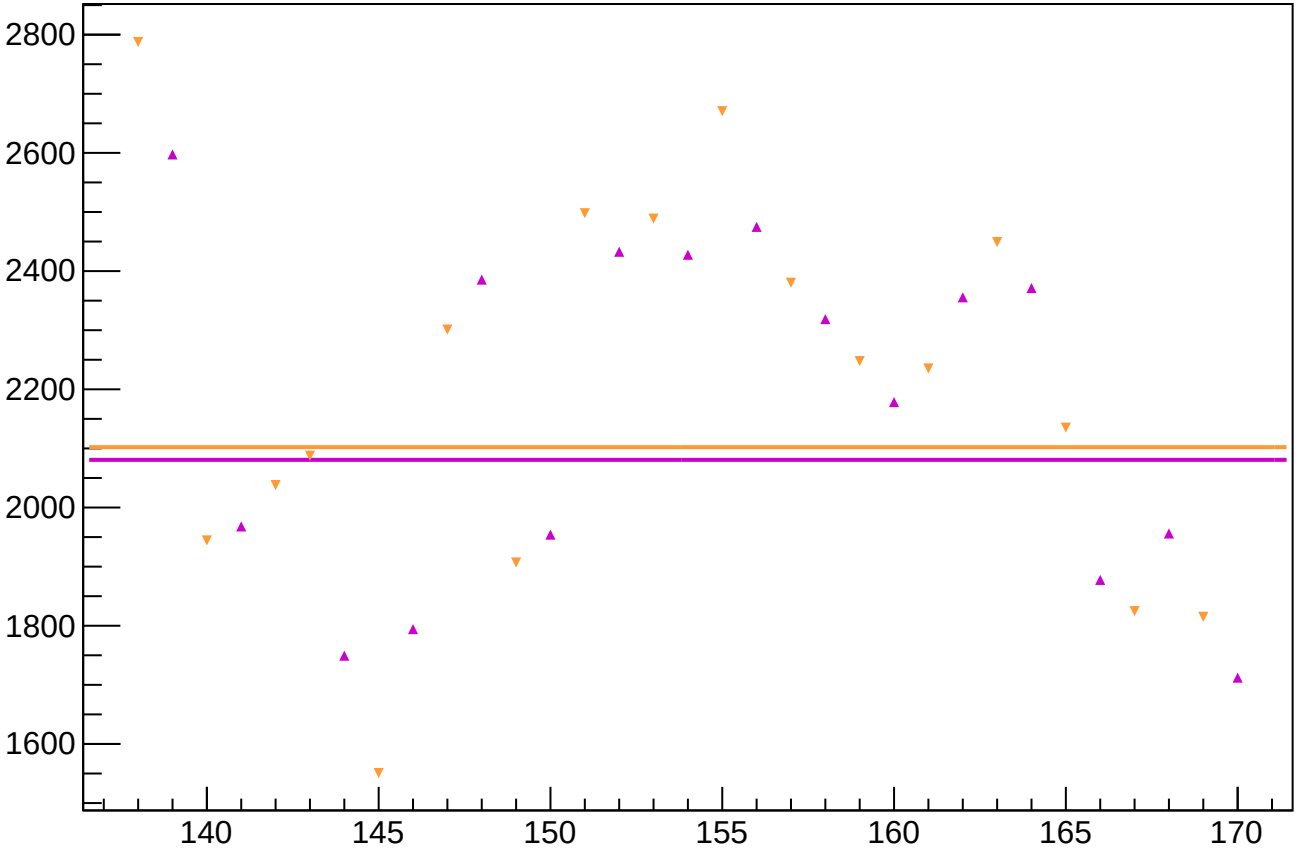
Left In: -161.147+/-593.108 χ^2/NDF:17.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1746.421+/-421.557 χ^2/NDF: 59.1/32

- 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: 2102.139+/-0.424 χ^2/NDF:603989.6/16

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

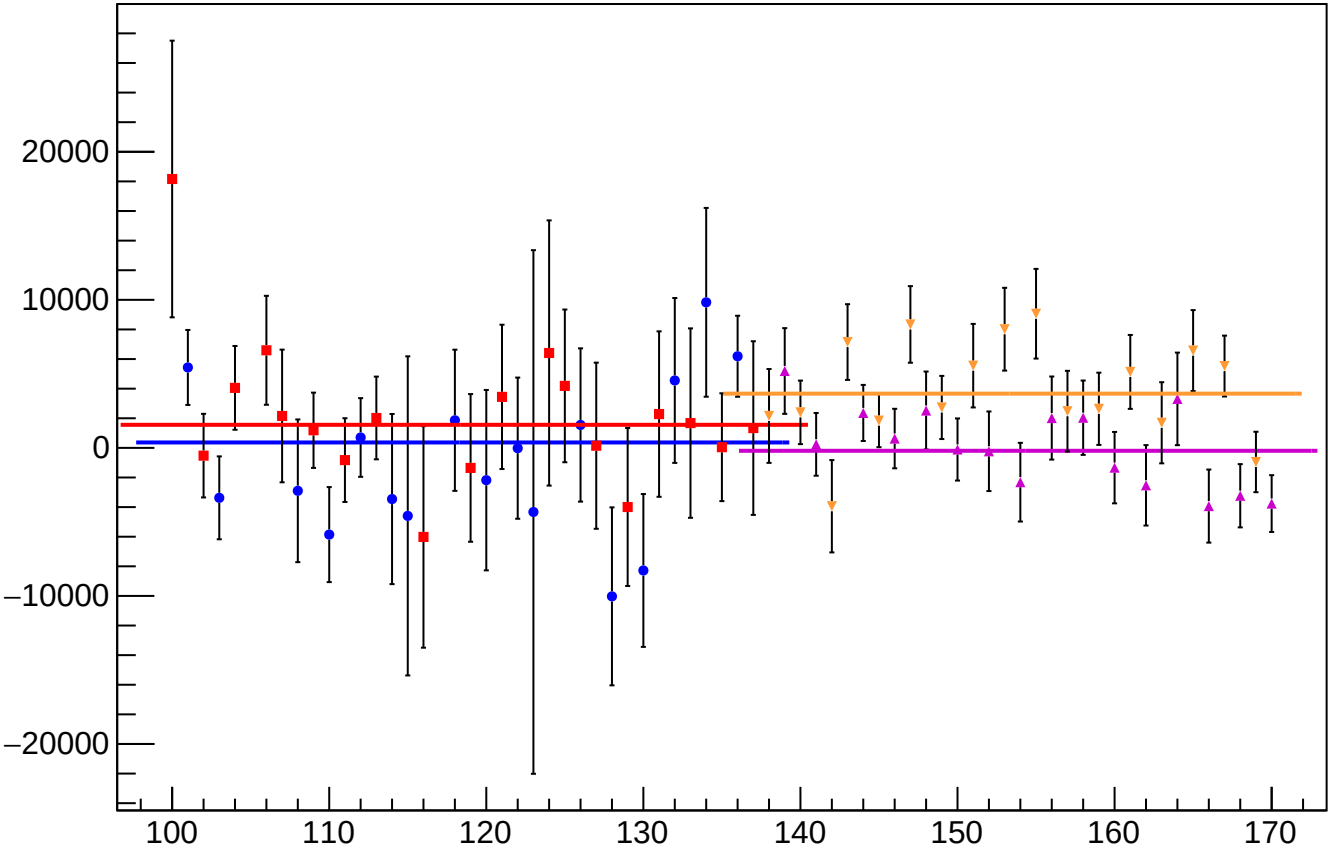
Left In: 2080.663+/-0.419 χ^2/NDF:463087.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2091.290+/-0.298 χ^2/NDF: 1068374.1/32

- 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: 3664.425+/-595.355 χ^2/NDF:27.2/16

Right Out: 1557.388+/-924.003 χ^2/NDF: 10.5/18

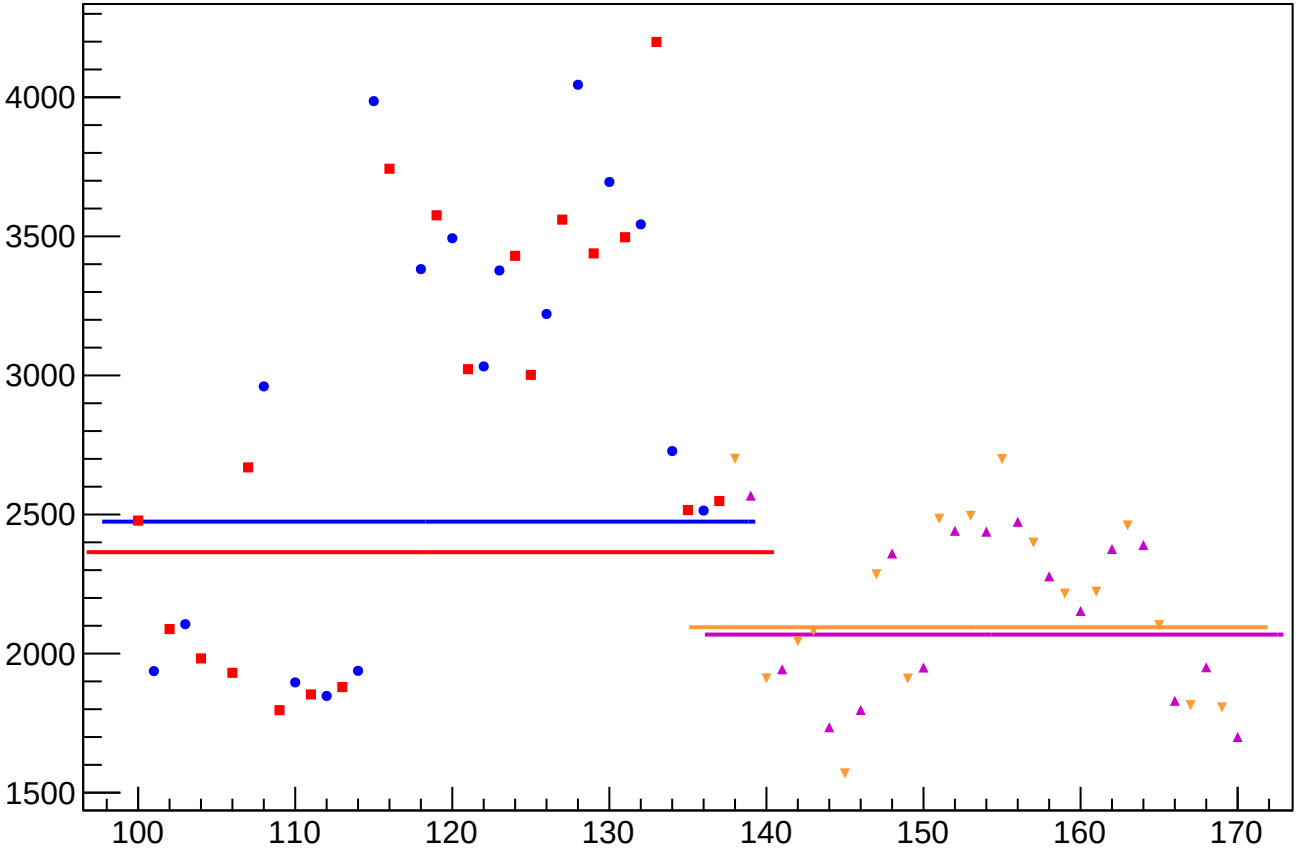
Left In: -196.516+/-590.248 χ^2/NDF:18.6/15

+ sign 2791.720+/-510.543 χ^2/NDF: 59.5/33

All: 1519.467+/-356.279 χ^2/NDF: 103.3/68

- sign 311.770+/-497.421 χ^2/NDF: 31.7/34

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2094.716+/-0.421 χ^2/NDF:592236.3/16

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

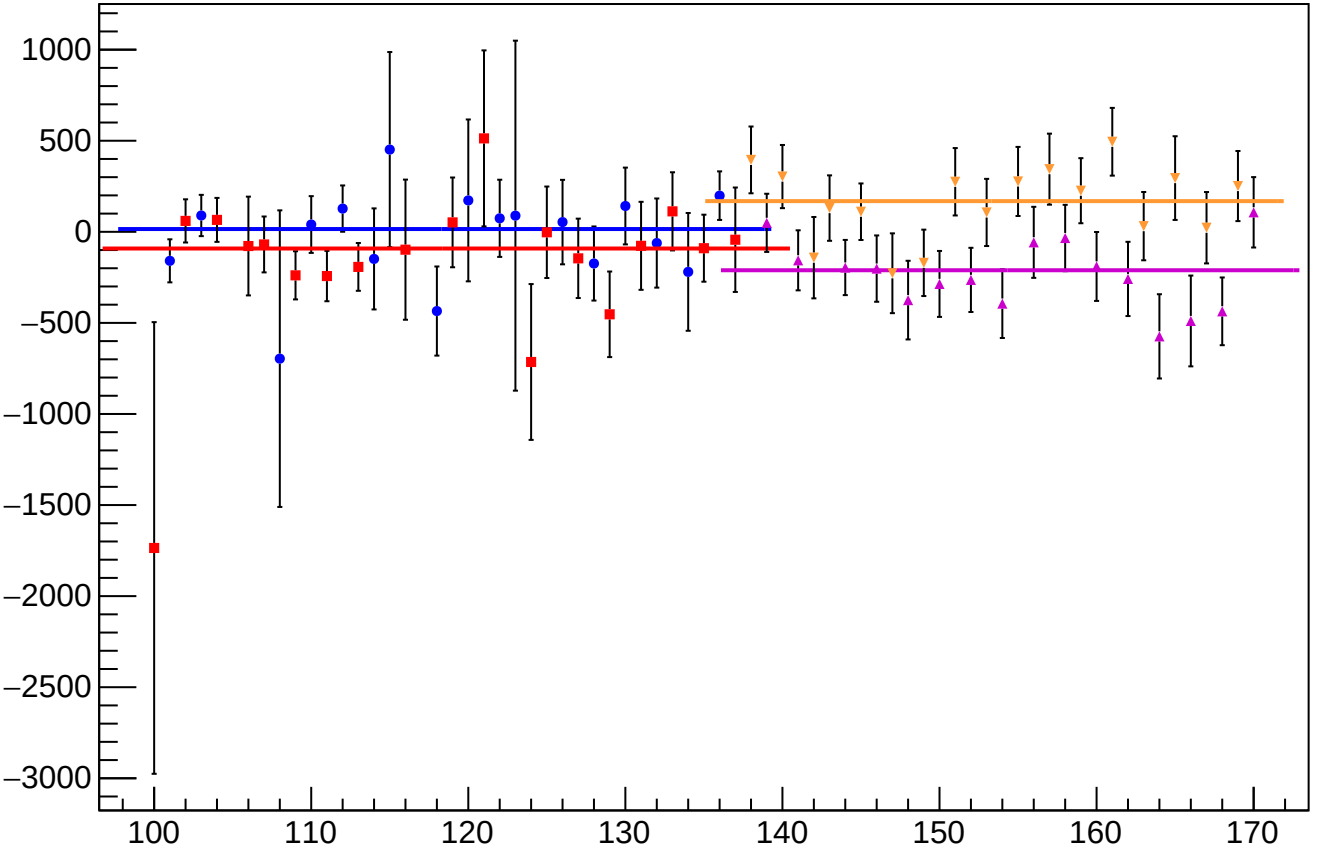
Left In: 2068.409+/-0.417 χ^2/NDF:476408.6/15

+ sign 2195.184+/-0.361 χ^2/NDF: 1713736.3/33

All: 2174.168+/-0.252 χ^2/NDF: 3366013.1/68

- sign 2154.219+/-0.352 χ^2/NDF: 1645671.0/34

dit_asym_sam5_mean vs Slug



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 168.487+/-45.642 χ^2/NDF:17.3/16

Right Out: -91.634+/-43.318 χ^2/NDF: 15.7/18

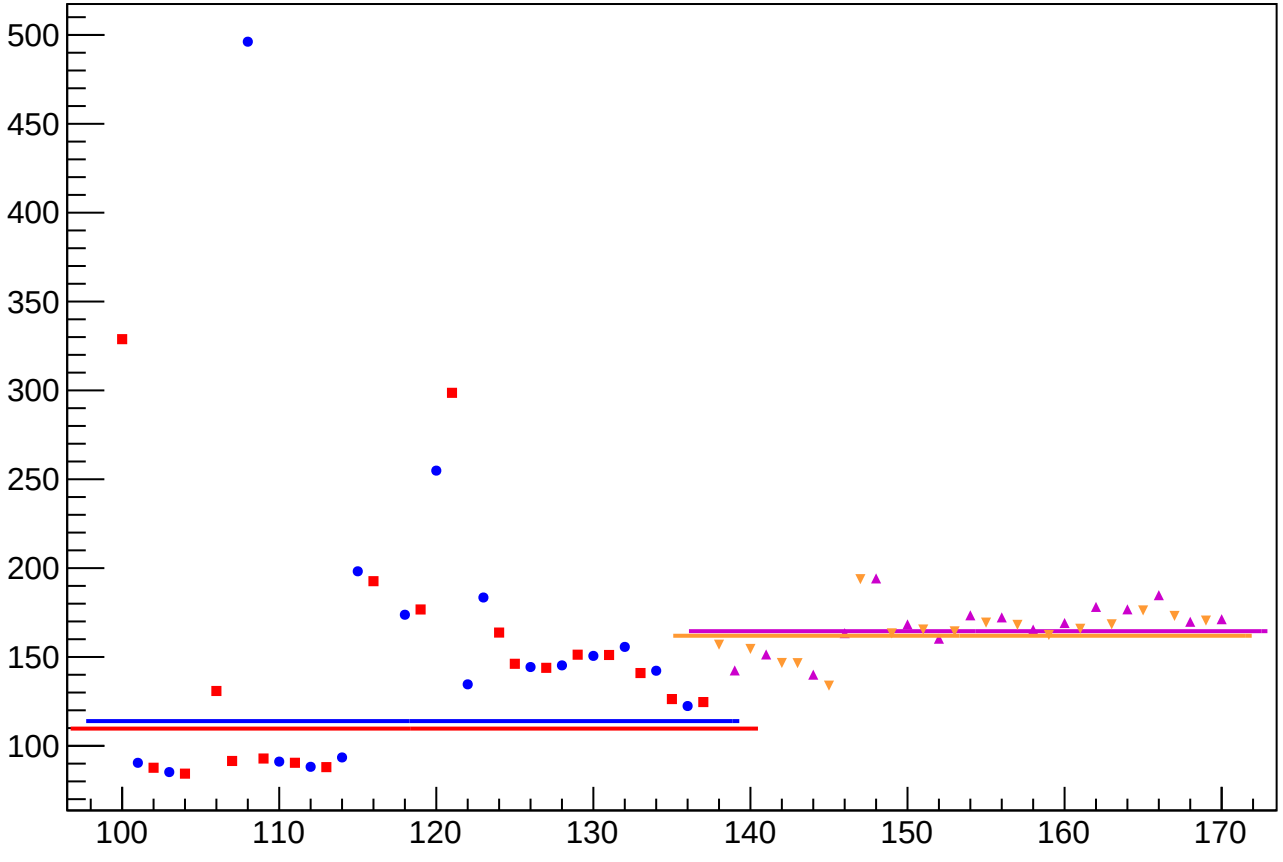
Left In: -210.956+/-46.576 χ^2/NDF:14.1/15

+ sign 93.228+/-32.553 χ^2/NDF: 35.4/33

All: -29.990+/-22.718 χ^2/NDF: 96.6/68

- sign -146.977+/-31.720 χ^2/NDF: 33.3/34

dit_asym_sam5_rms vs Slug



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 161.947+/-0.032 χ^2/NDF:164615.2/16

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

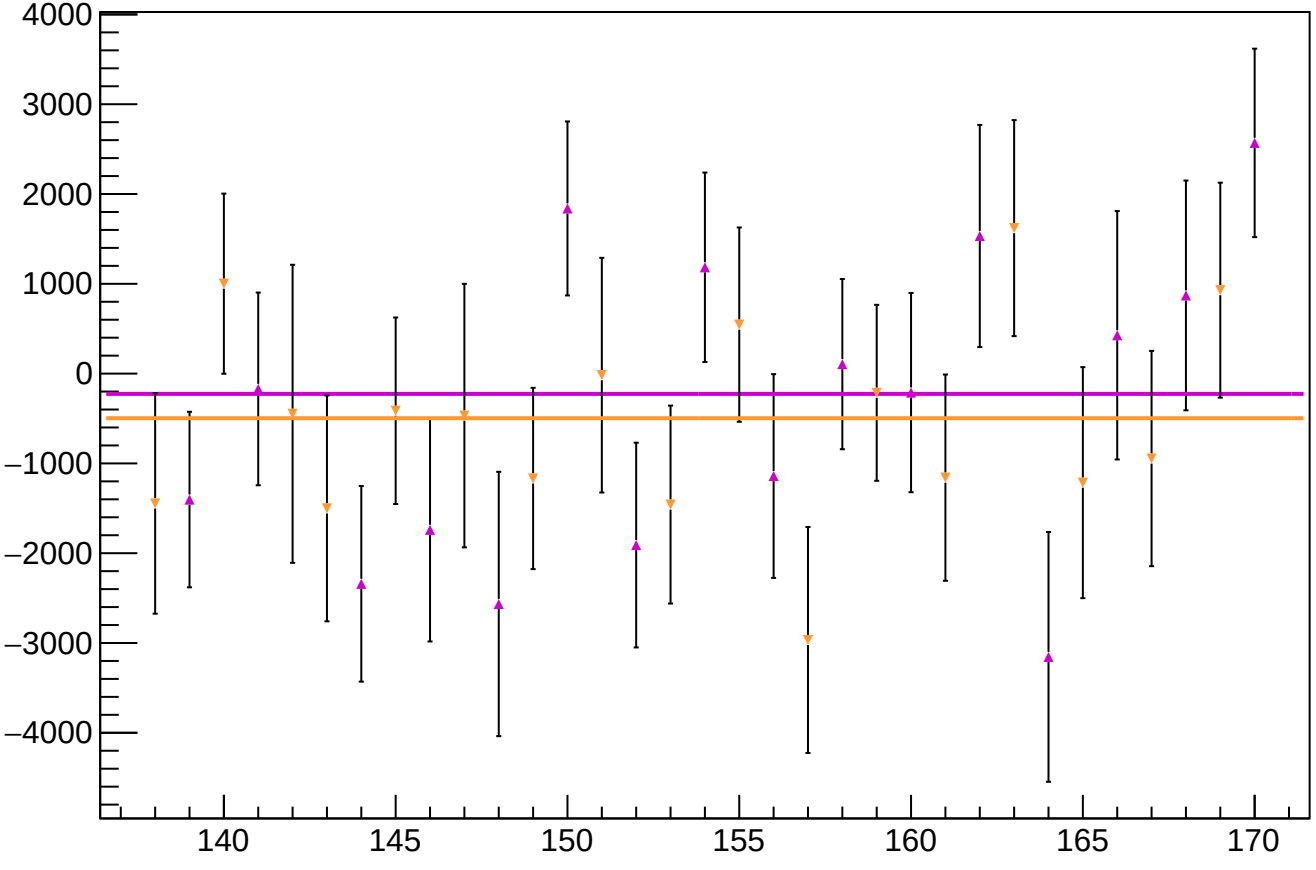
Left In: 164.525+/-0.033 χ^2/NDF:183738.2/15

+ sign 138.357+/-0.023 χ^2/NDF: 2659913.2/33

All: 136.704+/-0.016 χ^2/NDF: 5581105.7/68

- sign 135.133+/-0.022 χ^2/NDF: 2911130.8/34

asym_sam5_correction_mean vs Slug



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

Left Out: -496.775+/-283.871 χ^2/NDF:15.0/16

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

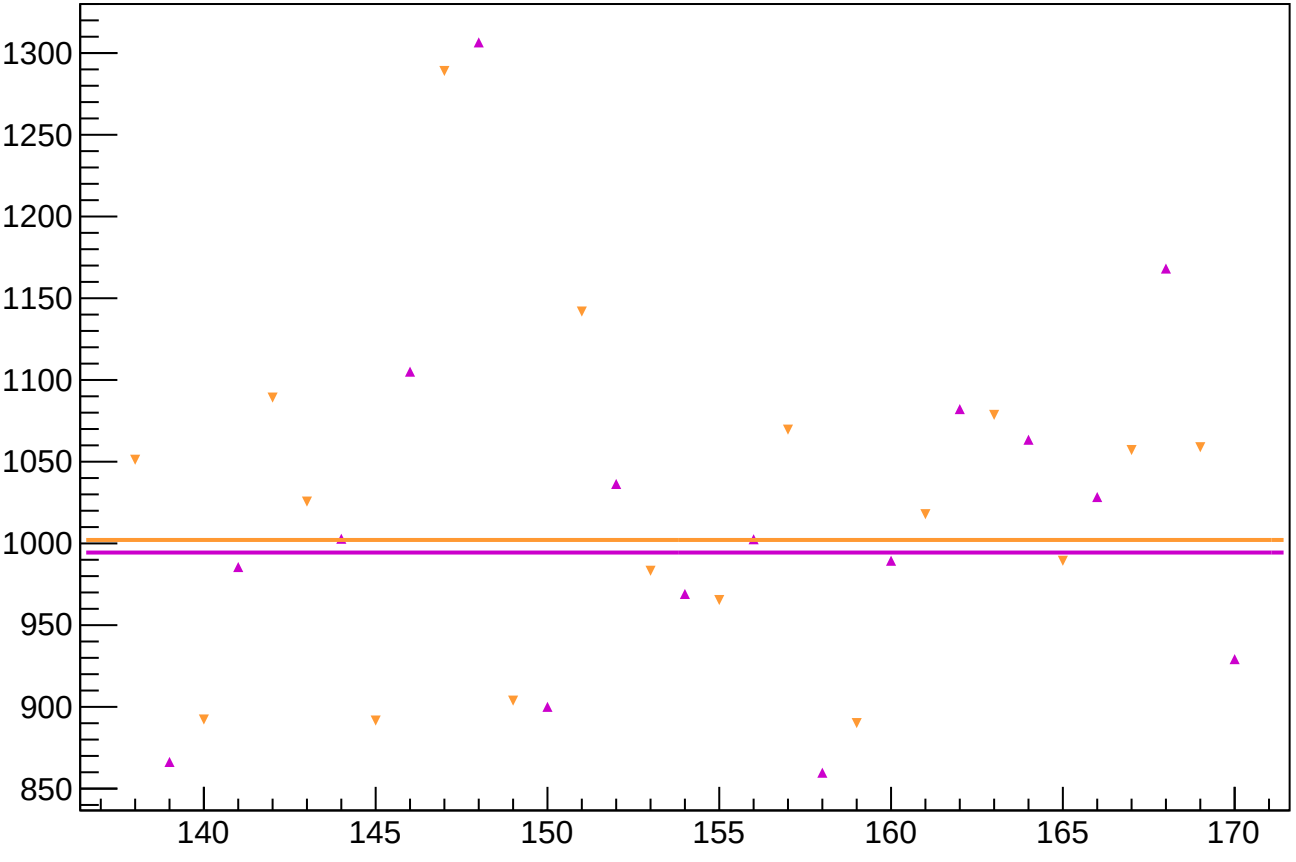
Left In: -225.791+/-282.678 χ^2/NDF:33.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -360.712+/-200.304 χ^2/NDF: 48.5/32

- 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: 1002.122+/-0.201 χ^2/NDF:226468.2/16

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

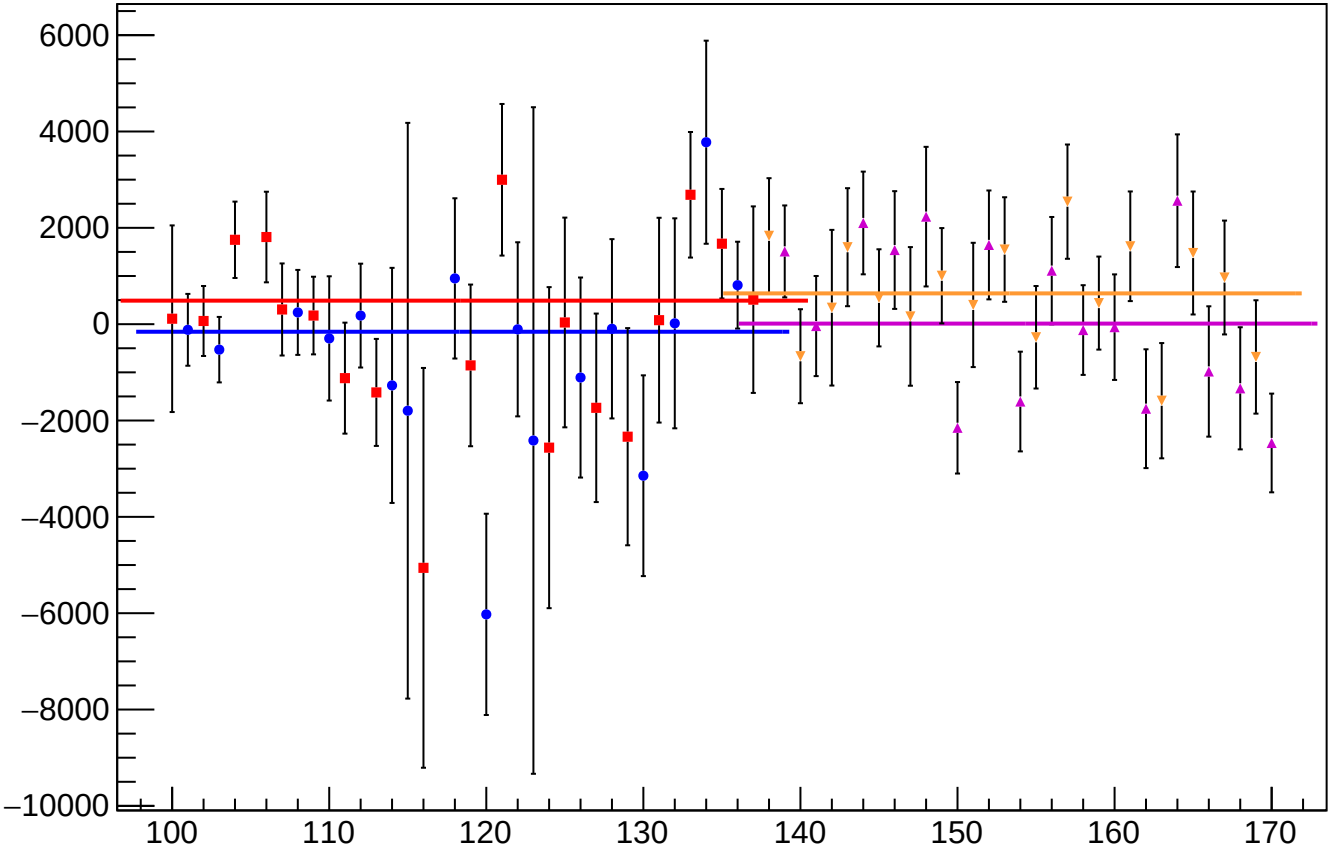
Left In: 994.421+/-0.200 χ^2/NDF:264605.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 998.255+/-0.142 χ^2/NDF: 491812.4/32

- 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: 639.164+/-278.147 χ^2/NDF:13.8/16

Right Out: 488.583+/-282.758 χ^2/NDF: 22.6/18

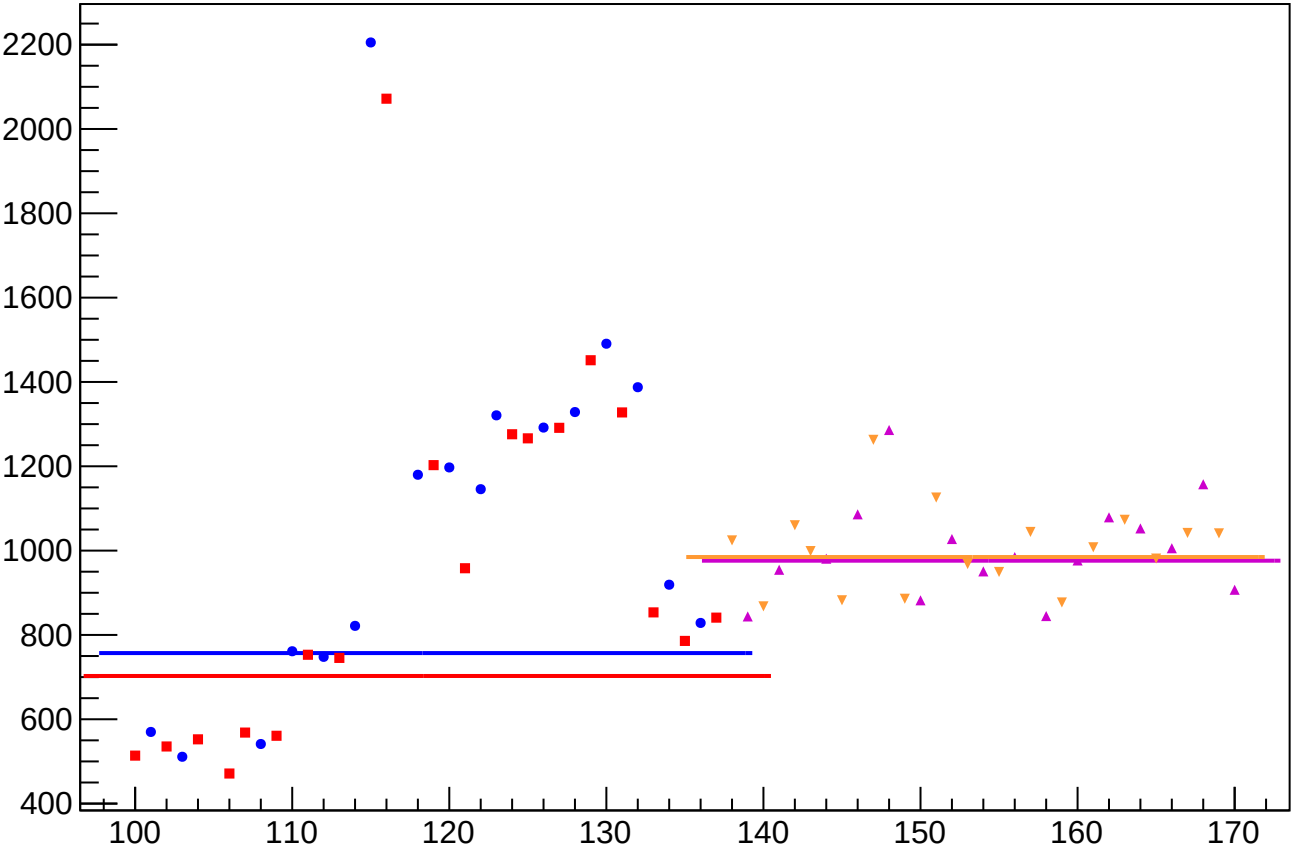
Left In: 11.955+/-277.661 χ^2/NDF:33.9/15

+ sign 287.153+/-207.768 χ^2/NDF: 33.6/33

All: 265.563+/-143.379 χ^2/NDF: 91.7/68

- sign 245.934+/-198.113 χ^2/NDF: 58.0/34

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 984.781+/-0.197 χ^2/NDF:228398.2/16

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

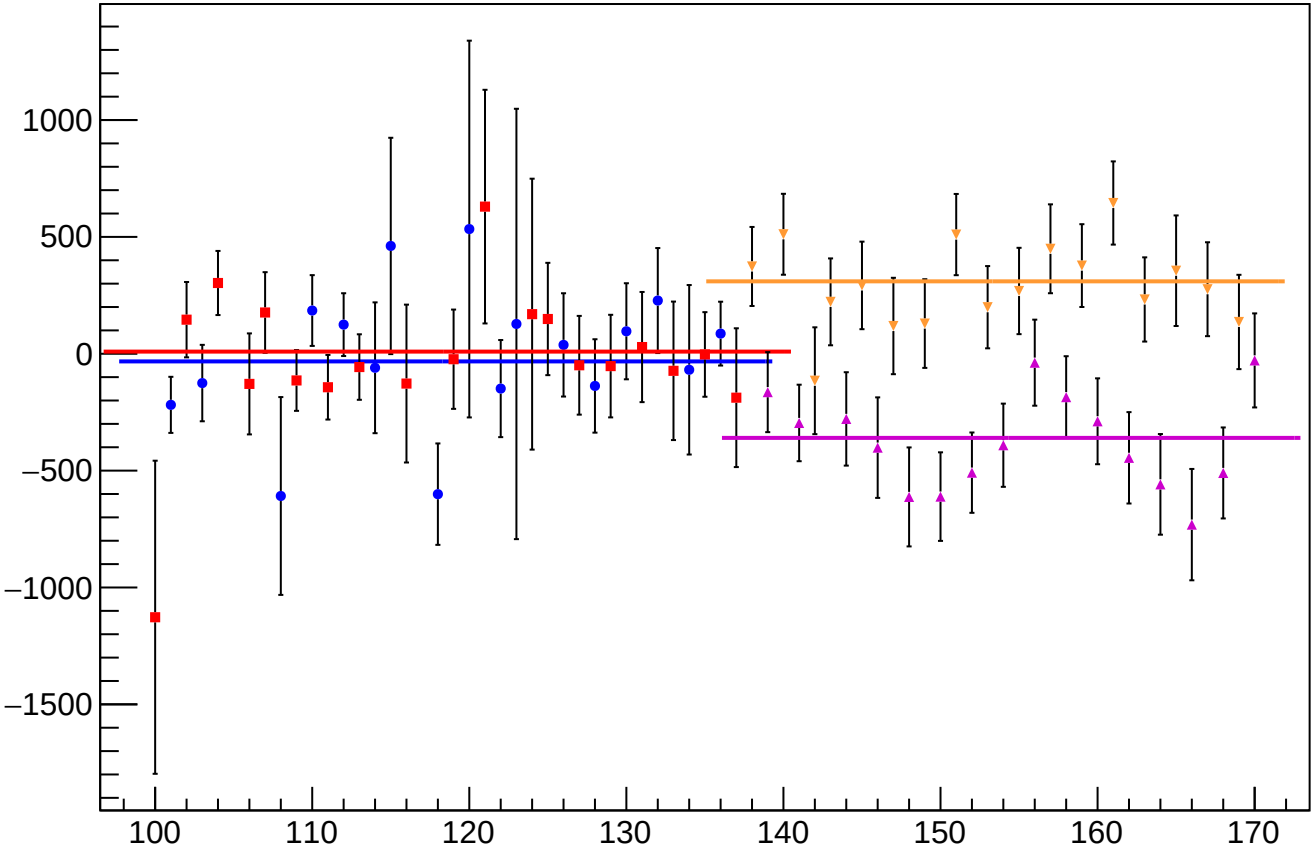
Left In: 976.099+/-0.196 χ^2/NDF:282810.3/15

+ sign 884.087+/-0.147 χ^2/NDF: 2532650.6/33

All: 861.972+/-0.101 χ^2/NDF: 5500509.5/68

- sign 841.865+/-0.140 χ^2/NDF: 2924597.1/34

dit_asym_sam6_mean vs Slug



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 309.846+/-45.639 χ^2/NDF:13.9/16

Right Out: 9.277+/-45.600 χ^2/NDF: 14.7/18

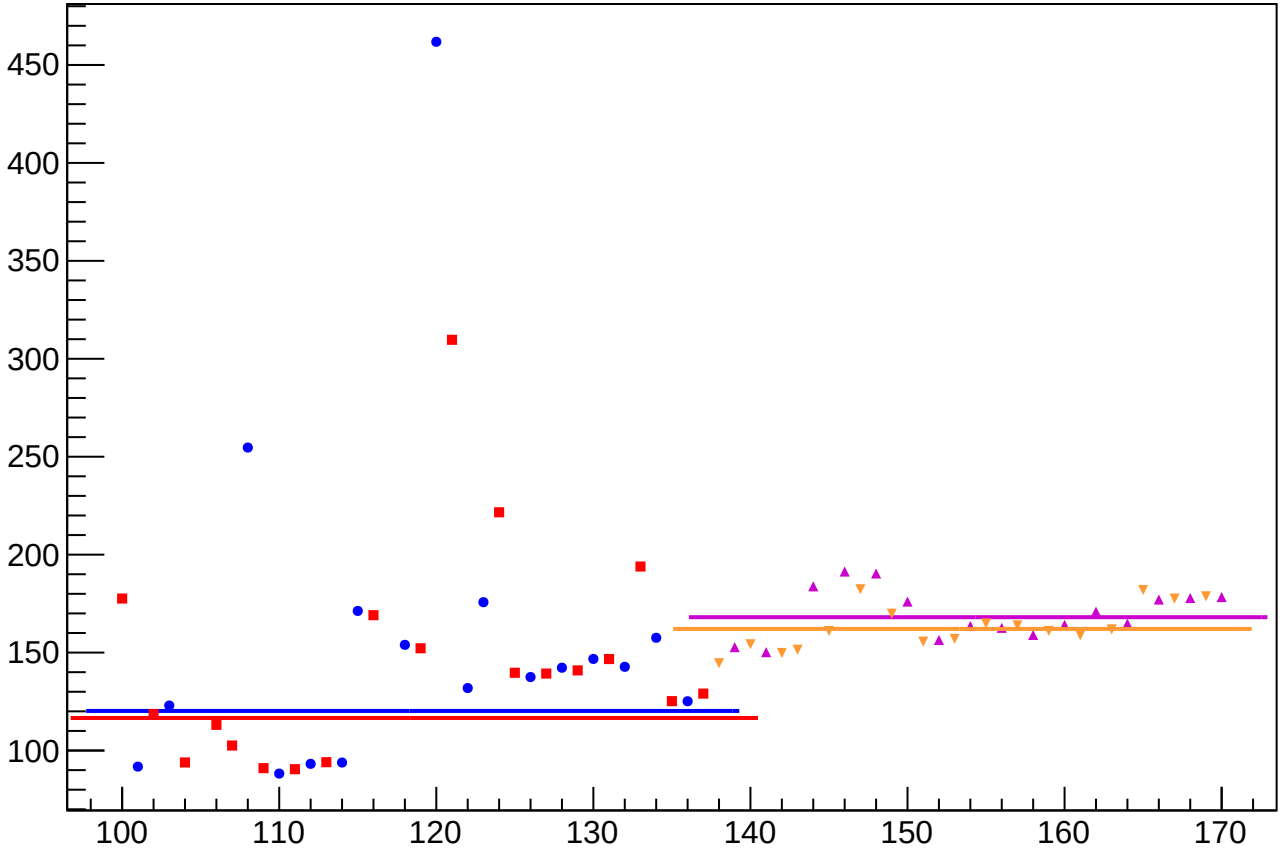
Left In: -359.927+/-47.570 χ^2/NDF:16.6/15

+ sign 148.734+/-33.215 χ^2/NDF: 60.2/33

All: -10.813+/-23.381 χ^2/NDF: 168.6/68

- sign -167.522+/-32.918 χ^2/NDF: 62.7/34

dit_asym_sam6_rms vs Slug



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 162.090+/-0.032 χ^2/NDF:105991.7/16

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

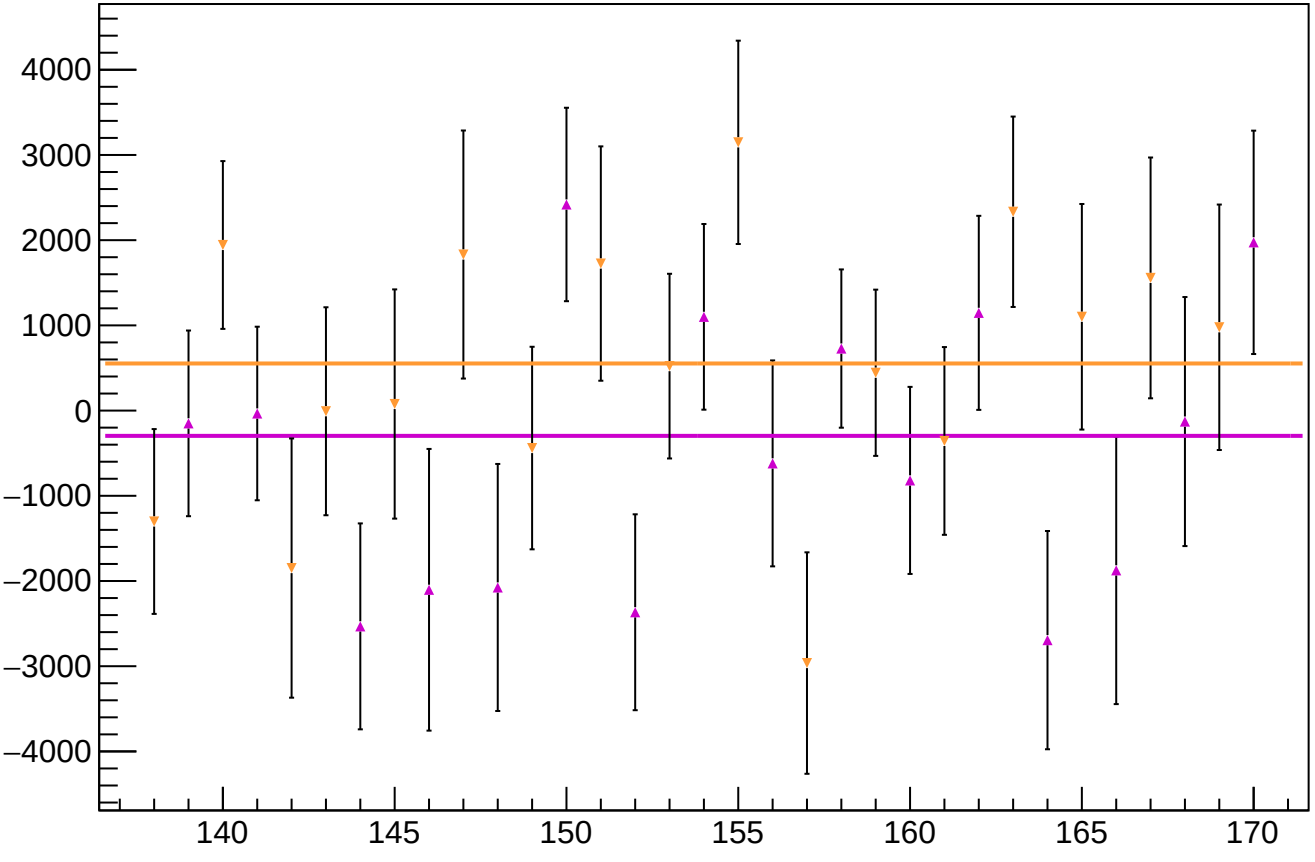
Left In: 168.072+/-0.034 χ^2/NDF:133954.1/15

+ sign 142.390+/-0.023 χ^2/NDF: 1960553.9/33

All: 141.819+/-0.017 χ^2/NDF: 4313081.6/68

- sign 141.258+/-0.023 χ^2/NDF: 2351354.1/34

asym_sam6_correction_mean vs Slug



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

Left Out: 552.888+/-293.336 χ^2/NDF:26.0/16

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

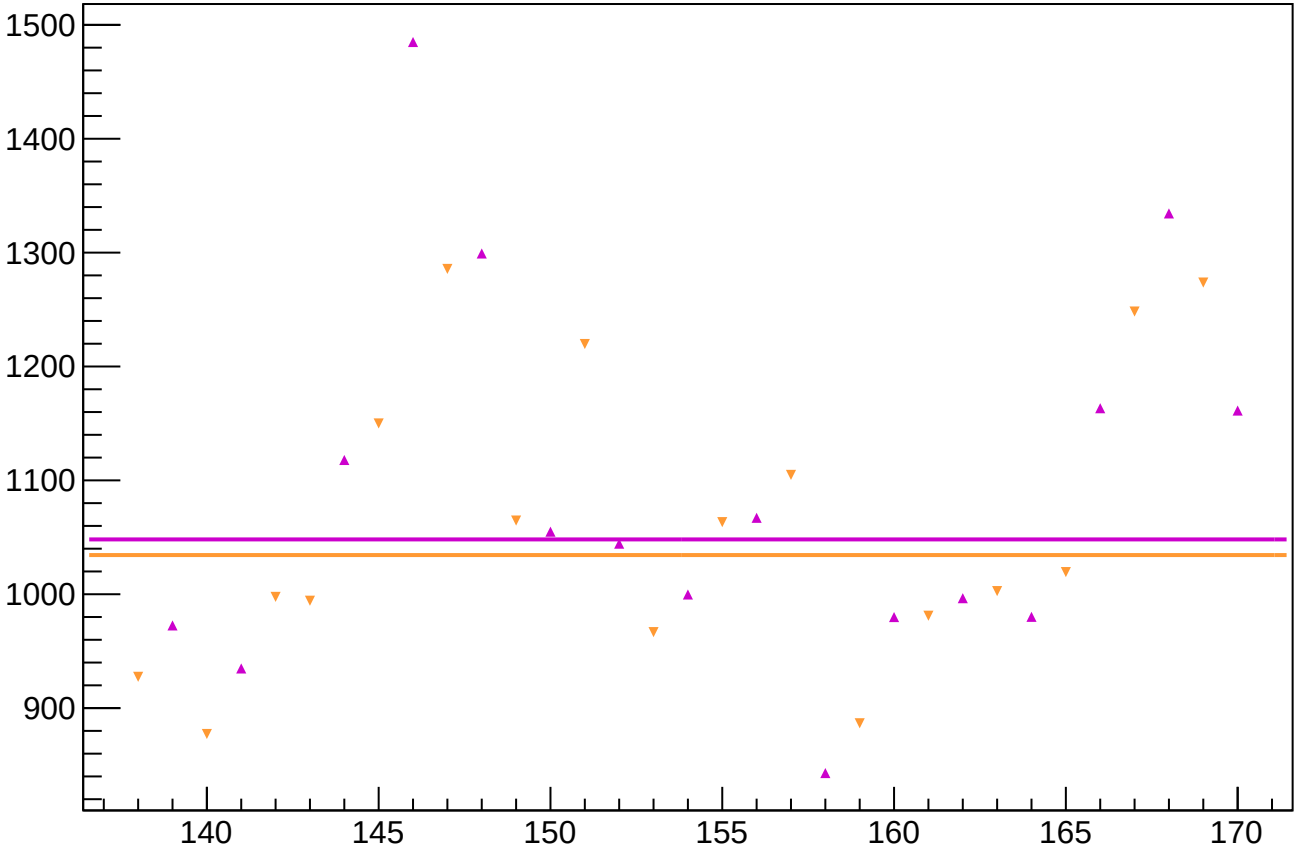
Left In: -296.596+/-298.558 χ^2/NDF:27.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 135.640+/-209.242 χ^2/NDF: 57.6/32

- 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: 1034.402+/-0.207 χ^2/NDF:353958.8/16

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

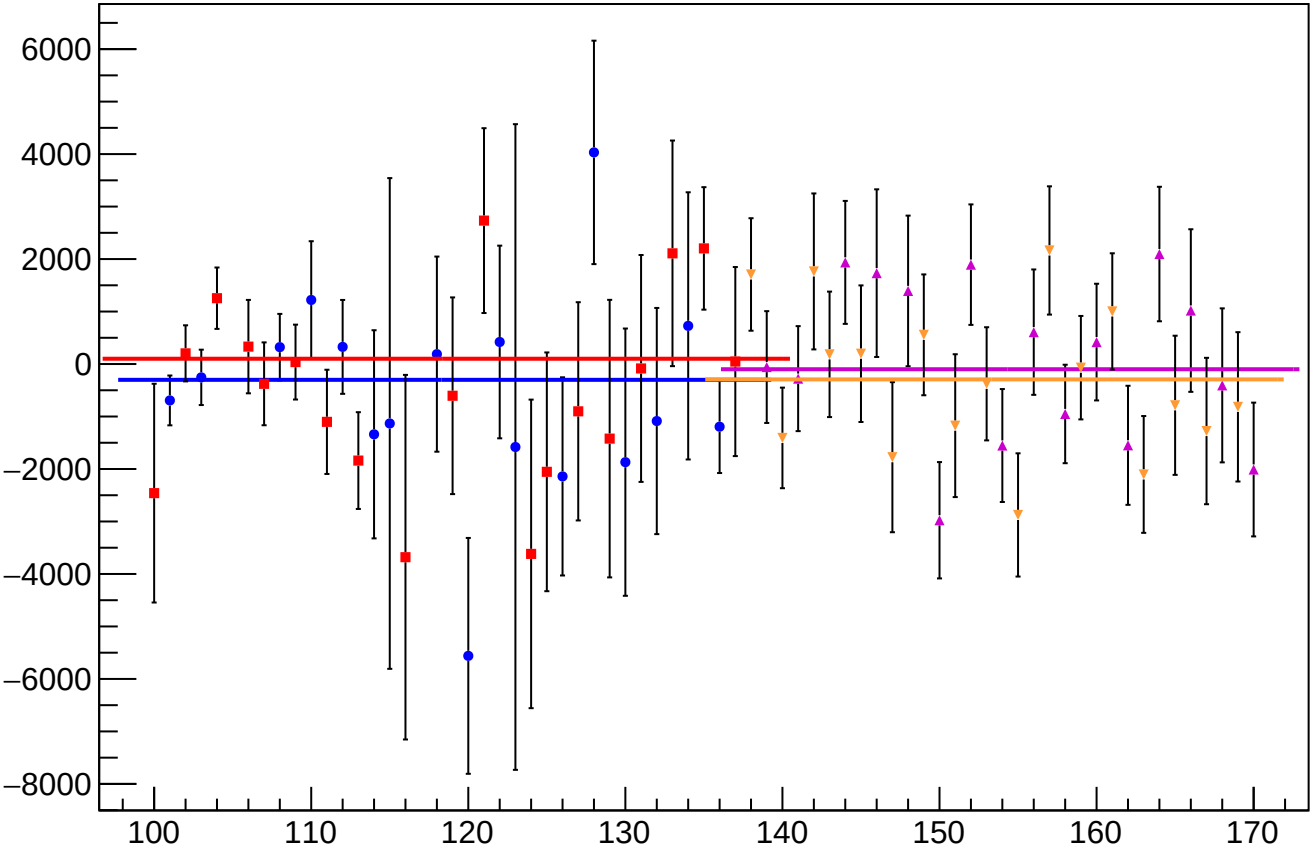
Left In: 1048.144+/-0.211 χ^2/NDF:462708.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1041.152+/-0.148 χ^2/NDF: 818822.8/32

- 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: -292.902+/-289.010 χ^2/NDF:22.8/16

Right Out: 100.857+/-245.981 χ^2/NDF: 22.5/18

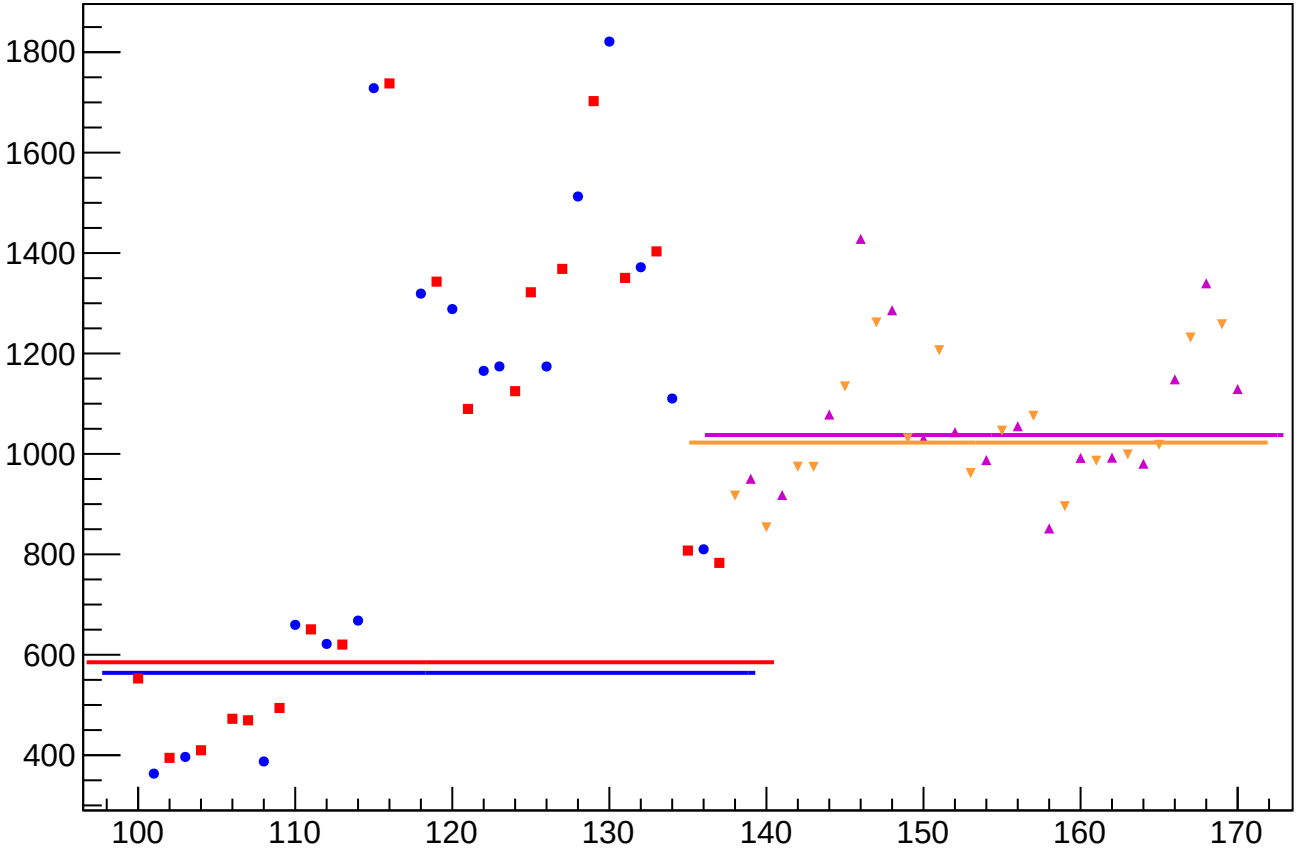
Left In: -99.097+/-295.480 χ^2/NDF:25.8/15

+ sign -297.533+/-189.095 χ^2/NDF: 39.7/33

All: -139.223+/-133.693 χ^2/NDF: 89.7/68

- sign 19.008+/-189.047 χ^2/NDF: 48.6/34

asym_sam6_rms vs Slug



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1022.579+/-0.204 χ^2/NDF:341195.4/16

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

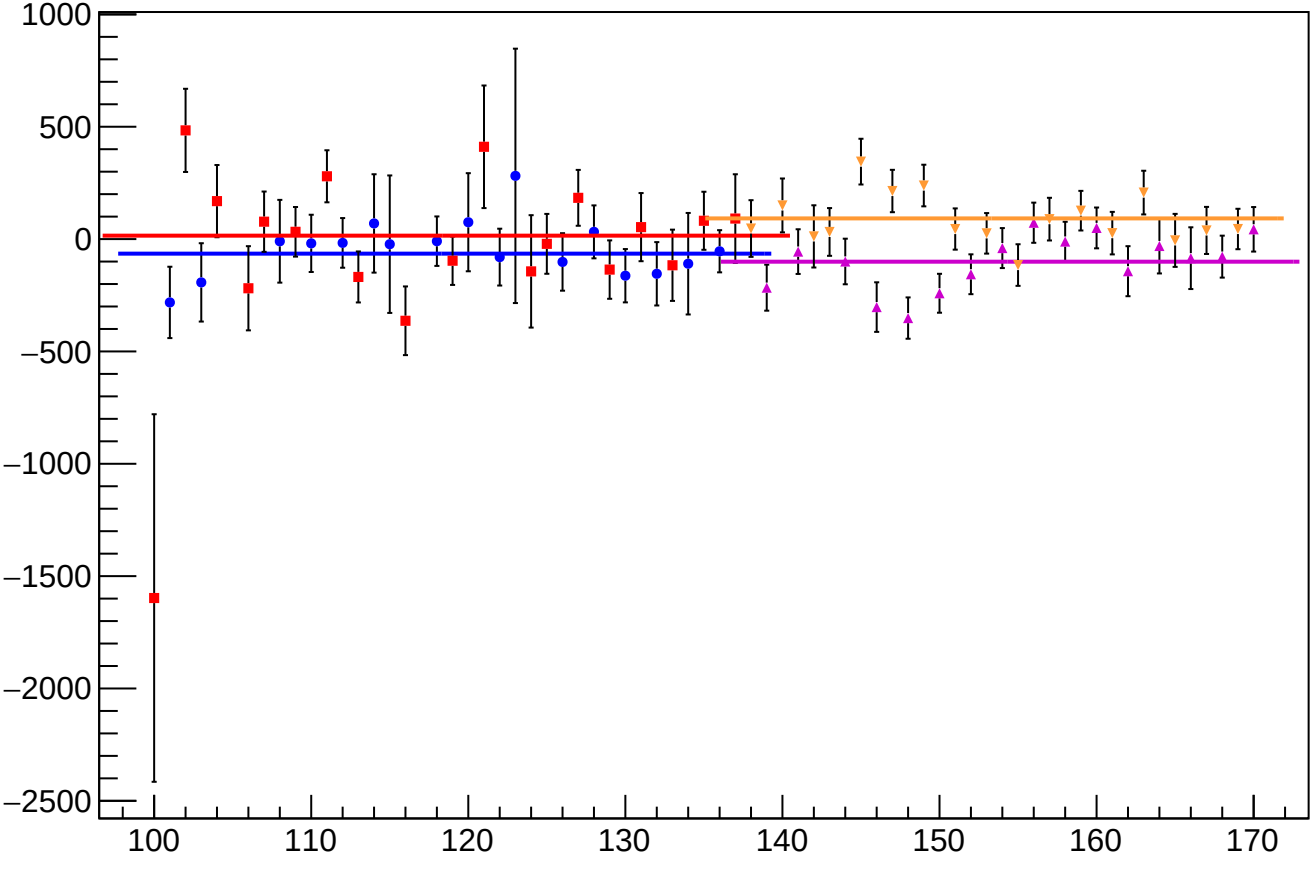
Left In: 1037.590+/-0.209 χ^2/NDF:423332.0/15

+ sign 760.313+/-0.134 χ^2/NDF: 6482437.0/33

All: 765.310+/-0.095 χ^2/NDF: 12500093.7/68

- sign 770.304+/-0.134 χ^2/NDF: 6014864.1/34

dit_asym_sam7_mean vs Slug



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 92.046+/-24.249 χ^2/NDF:20.4/16

Right Out: 15.294+/-33.422 χ^2/NDF: 35.0/18

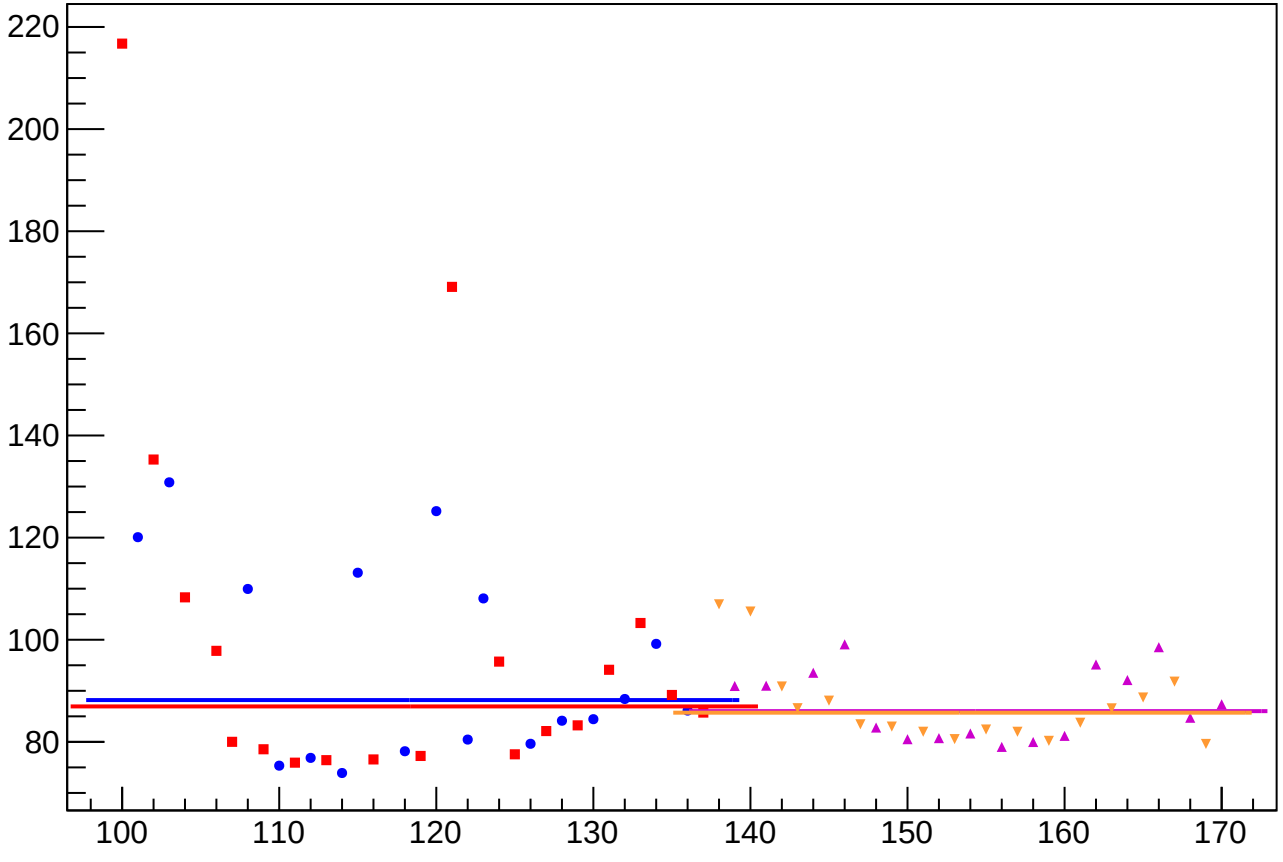
Left In: -100.606+/-24.445 χ^2/NDF:26.0/15

+ sign 40.442+/-19.863 χ^2/NDF: 40.4/33

All: -10.222+/-13.998 χ^2/NDF: 122.1/68

- sign -60.212+/-19.731 χ^2/NDF: 68.8/34

dit_asym_sam7_rms vs Slug



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 85.719+/-0.017 χ^2/NDF:159650.8/16

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

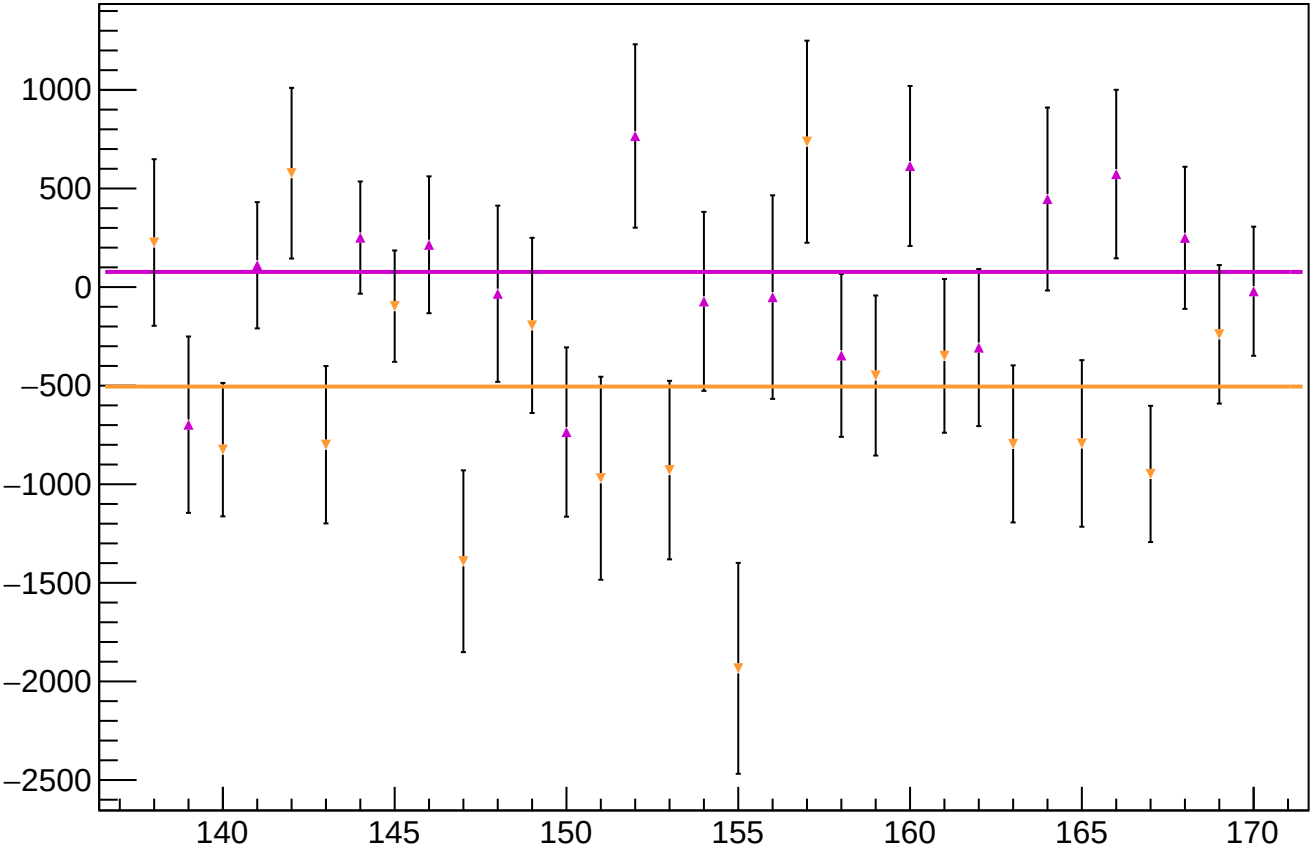
Left In: 86.018+/-0.017 χ^2/NDF:134324.3/15

+ sign 86.531+/-0.014 χ^2/NDF: 560908.7/33

All: 86.435+/-0.010 χ^2/NDF: 1227682.0/68

- sign 86.341+/-0.014 χ^2/NDF: 666681.0/34

asym_sam7_correction_mean vs Slug



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

Left Out: -504.579+/-97.469 χ^2/NDF:35.0/16

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

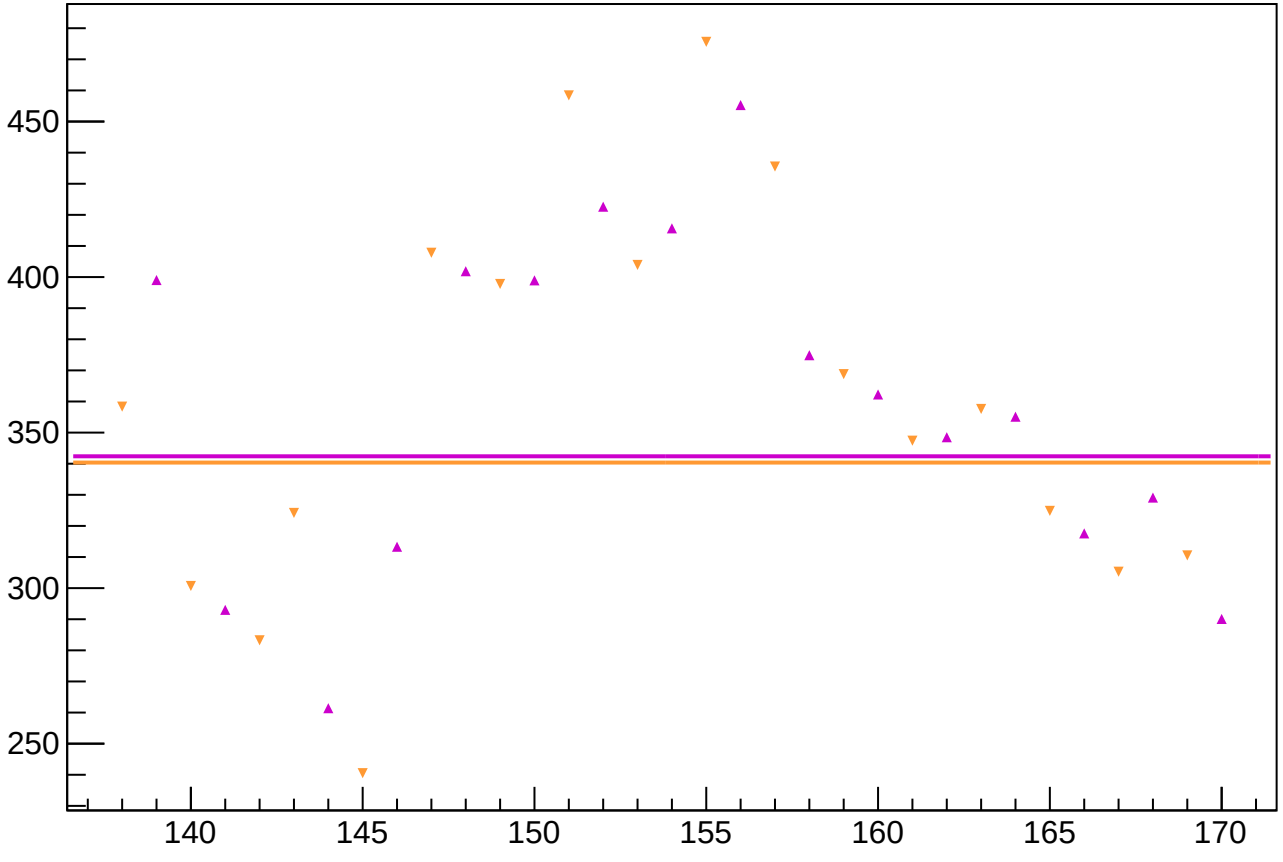
Left In: 76.762+/-97.845 χ^2/NDF:15.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -215.026+/-69.054 χ^2/NDF: 68.3/32

- 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: 340.367+/-0.069 χ^2/NDF:788790.2/16

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

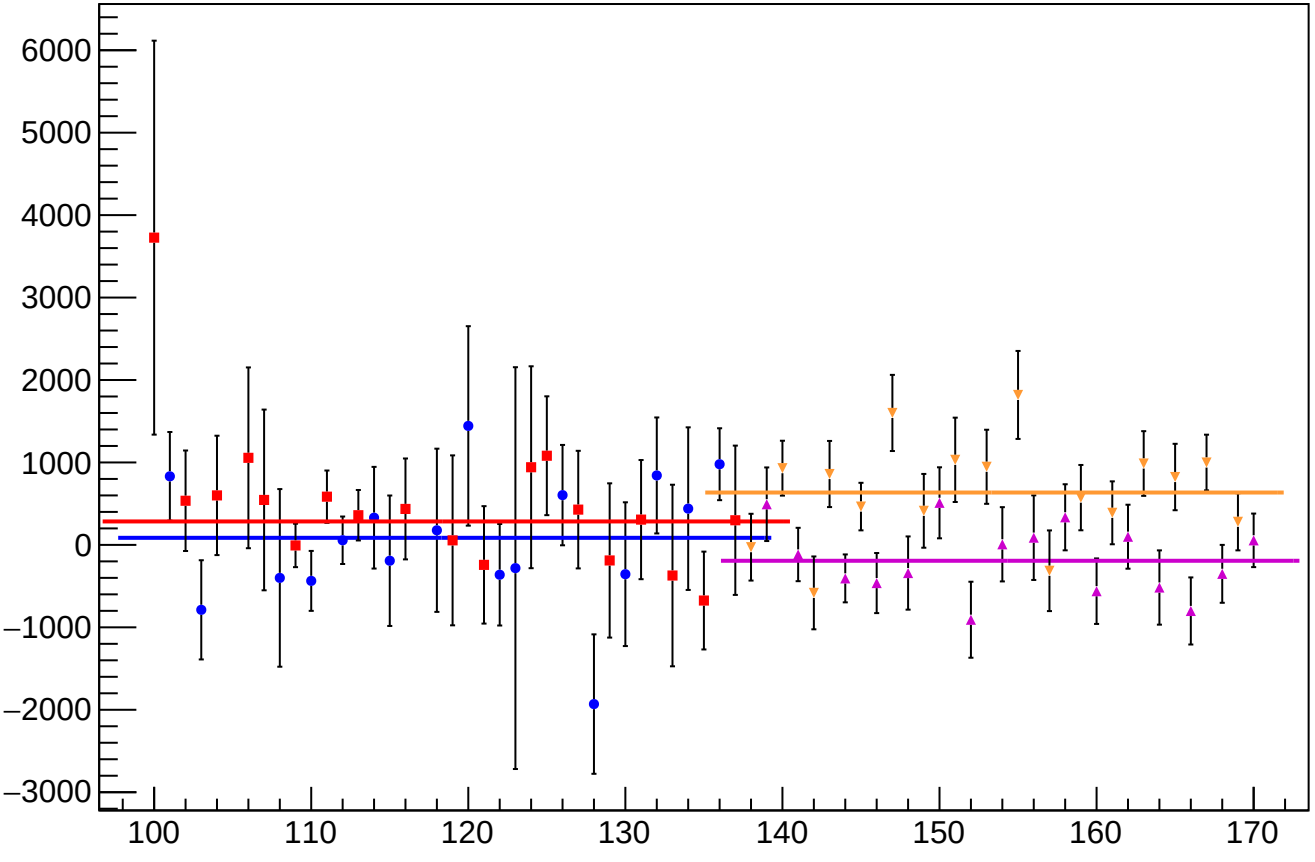
Left In: 342.384+/-0.069 χ^2/NDF:612787.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 341.372+/-0.049 χ^2/NDF: 1402004.3/32

- 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: 635.156+/-96.384 χ^2/NDF:29.8/16

Right Out: 284.456+/-129.599 χ^2/NDF: 10.6/18

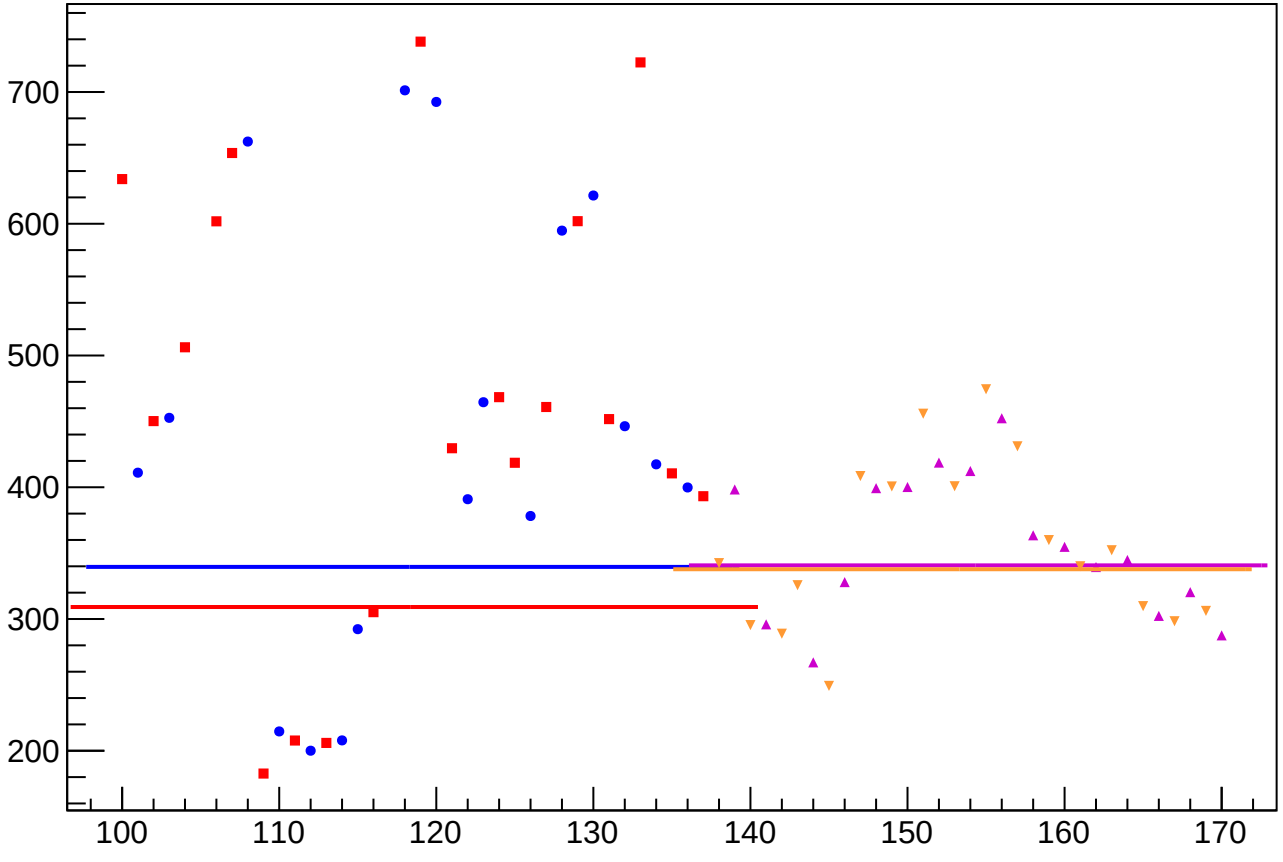
Left In: -192.629+/-97.316 χ^2/NDF:15.9/15

+ sign 462.889+/-79.854 χ^2/NDF: 60.5/33

All: 214.897+/-55.732 χ^2/NDF: 114.5/68

- sign -20.614+/-77.819 χ^2/NDF: 35.2/34

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 337.775+/-0.068 χ^2/NDF:746275.2/16

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

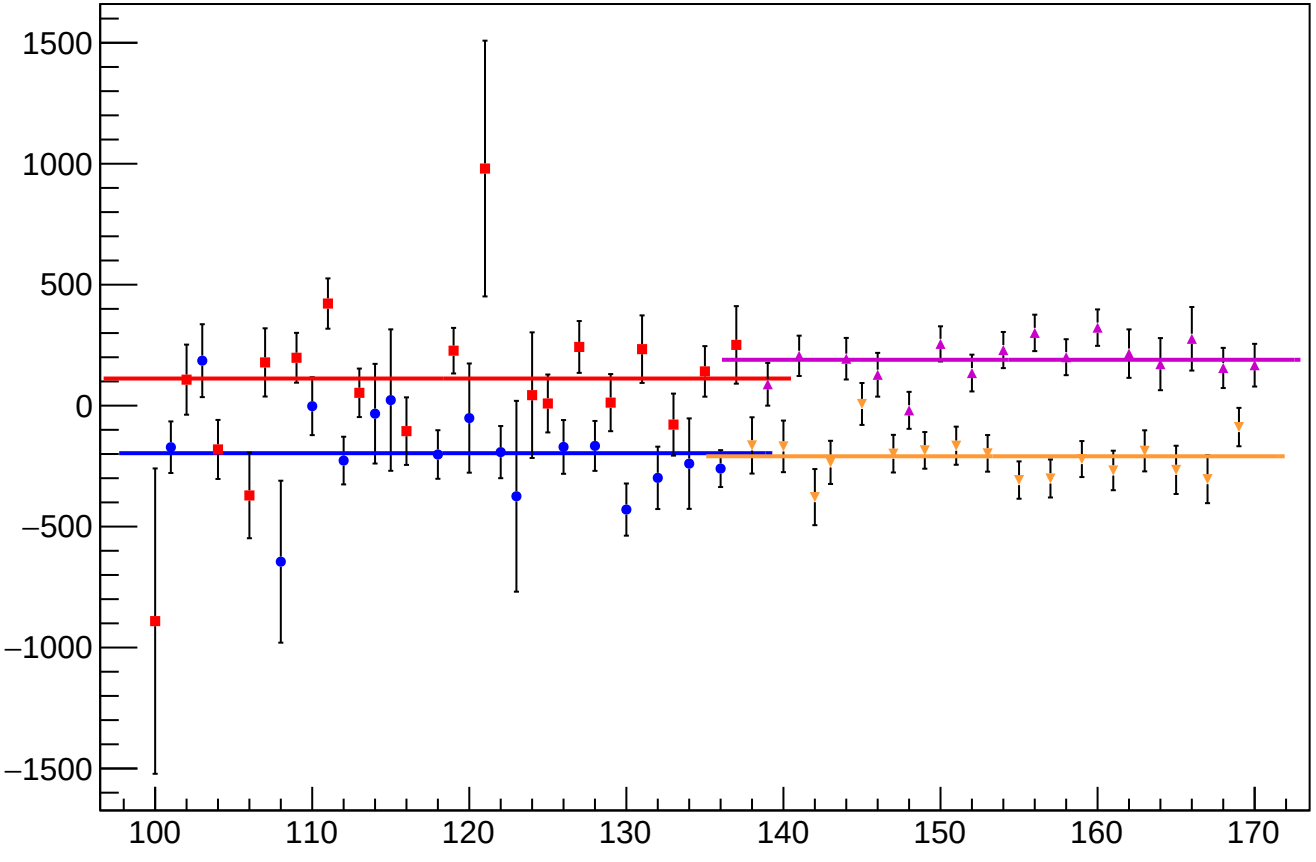
Left In: 340.712+/-0.069 χ^2/NDF:565062.3/15

+ sign 338.332+/-0.056 χ^2/NDF: 2788732.7/33

All: 333.708+/-0.039 χ^2/NDF: 6173247.7/68

- sign 329.316+/-0.055 χ^2/NDF: 3371437.6/34

dit_asym_sam8_mean vs Slug



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -209.329+/-20.716 χ^2/NDF:16.3/16

Right Out: 112.097+/-29.622 χ^2/NDF: 39.3/18

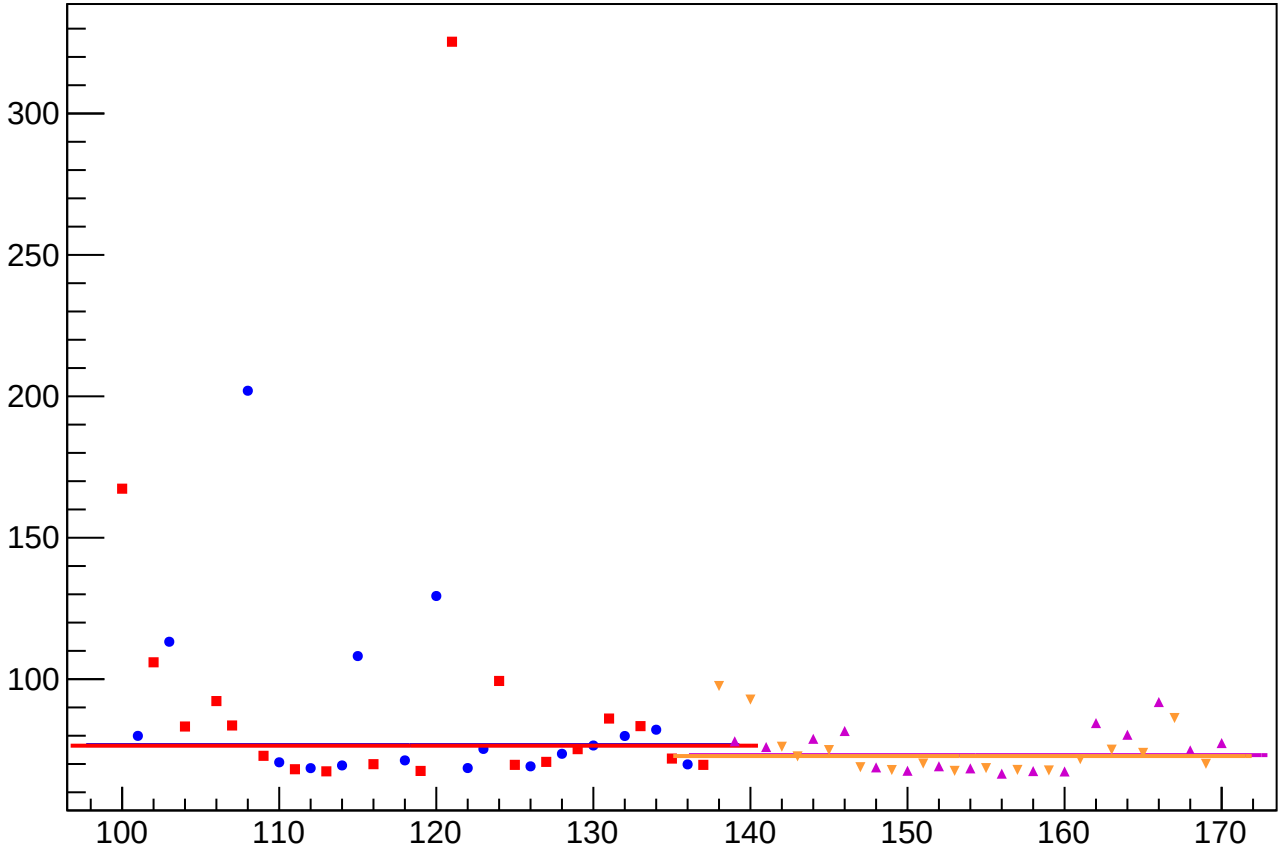
Left In: 189.554+/-20.887 χ^2/NDF:17.0/15

+ sign -205.292+/-17.119 χ^2/NDF: 35.5/33

All: -20.205+/-12.088 χ^2/NDF: 329.5/68

- sign 163.832+/-17.070 χ^2/NDF: 60.9/34

dit_asym_sam8_rms vs Slug



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 72.812+/-0.015 χ^2/NDF:253412.1/16

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

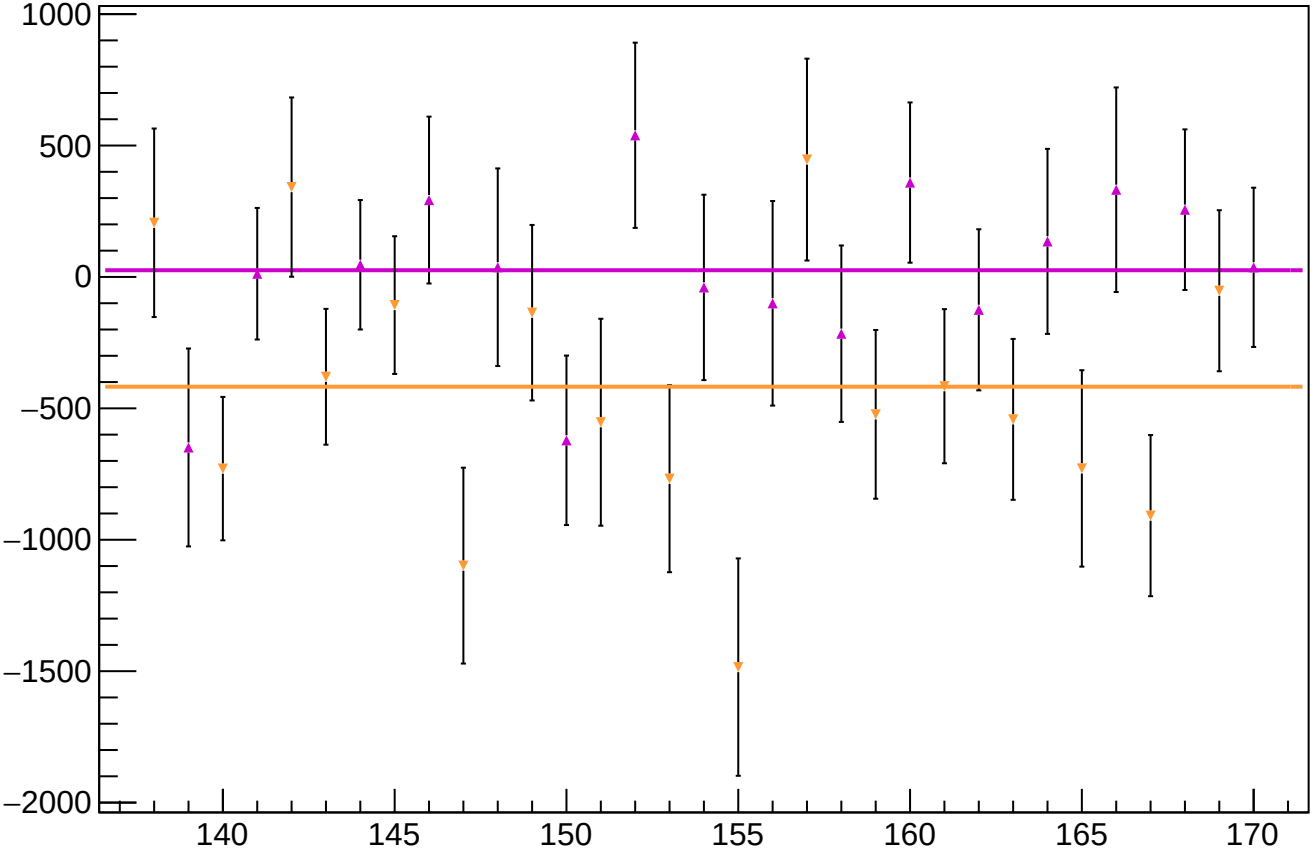
Left In: 73.138+/-0.015 χ^2/NDF:185698.5/15

+ sign 74.042+/-0.012 χ^2/NDF: 876015.8/33

All: 74.145+/-0.009 χ^2/NDF: 1778208.9/68

- sign 74.248+/-0.012 χ^2/NDF: 902048.5/34

asym_sam8_correction_mean vs Slug



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

Left Out: -417.559+/-78.337 χ^2/NDF:32.5/16

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

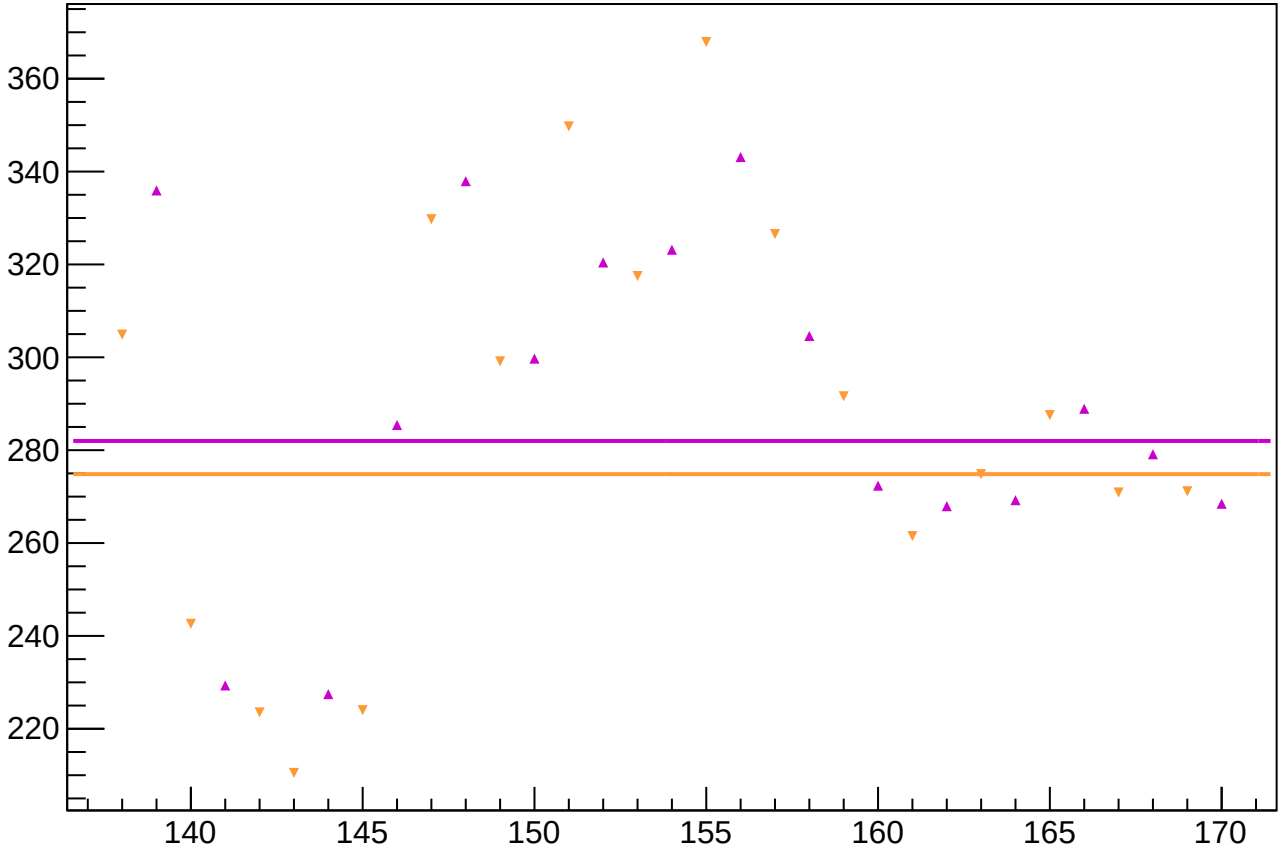
Left In: 25.502+/-80.230 χ^2/NDF:13.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -201.315+/-56.050 χ^2/NDF: 61.6/32

- 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: 274.839+/-0.055 χ^2/NDF:591708.2/16

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

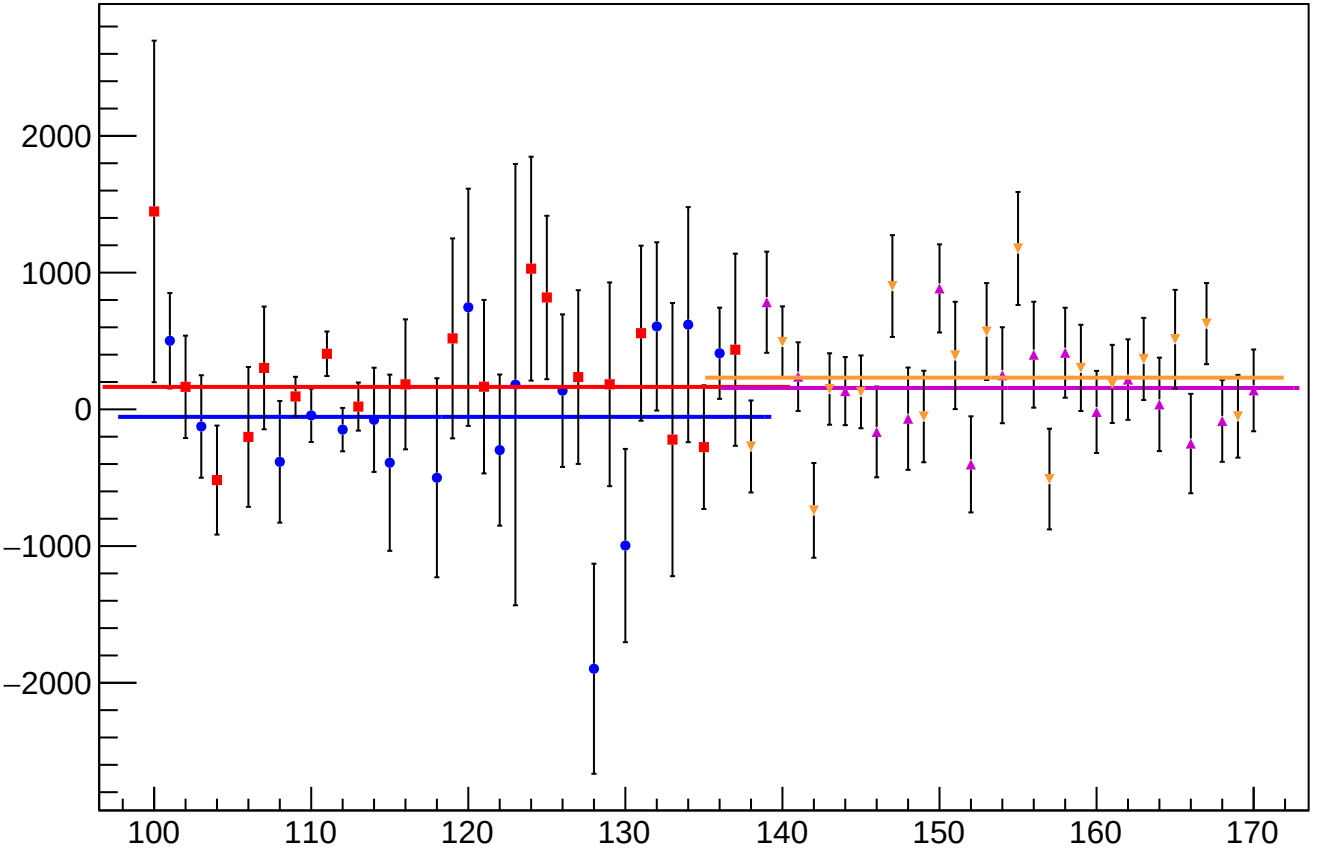
Left In: 281.983+/-0.057 χ^2/NDF:401204.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 278.326+/-0.040 χ^2/NDF: 1001032.0/32

- 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: 231.811+/-77.184 χ^2/NDF:29.2/16

Right Out: 164.141+/-76.903 χ^2/NDF: 11.9/18

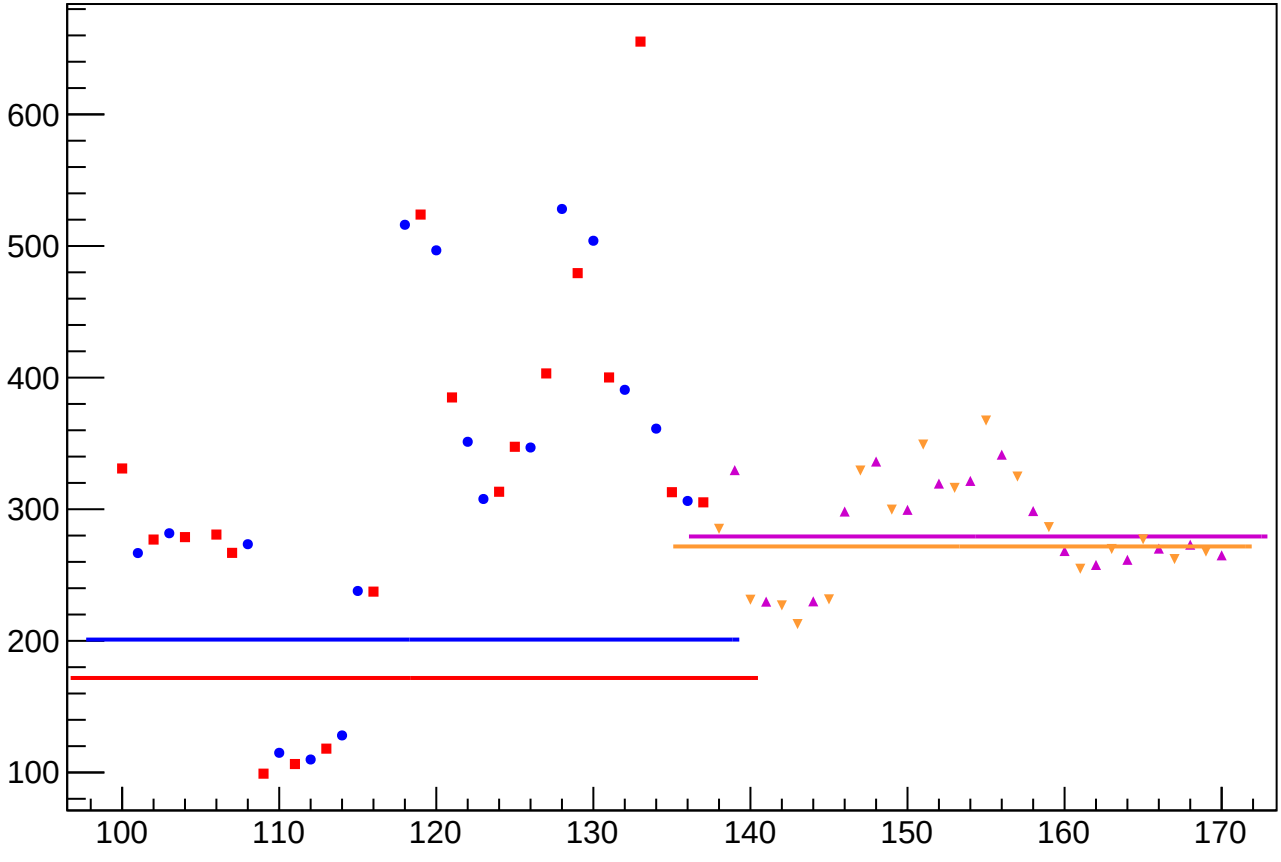
Left In: 156.492+/-79.463 χ^2/NDF:15.4/15

+ sign 110.844+/-58.687 χ^2/NDF: 51.6/33

All: 137.132+/-40.232 χ^2/NDF: 79.3/68

- sign 160.442+/-55.262 χ^2/NDF: 27.3/34

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 271.724+/-0.055 χ^2/NDF:566869.6/16

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

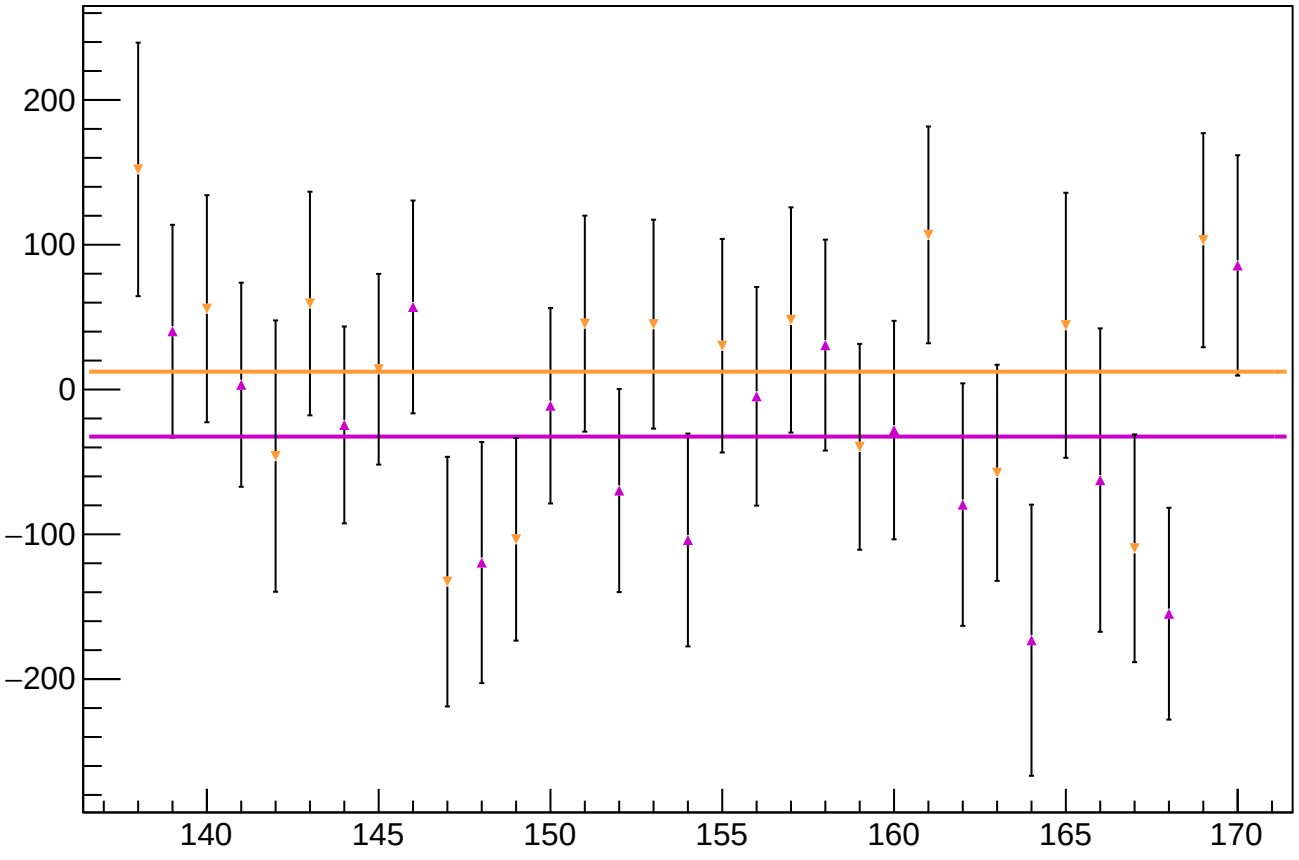
Left In: 279.311+/-0.056 χ^2/NDF:393062.3/15

+ sign 241.876+/-0.041 χ^2/NDF: 4712034.1/33

All: 232.291+/-0.028 χ^2/NDF: 11189052.5/68

- sign 223.793+/-0.039 χ^2/NDF: 6376371.2/34

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 12.334+/-18.618 χ^2/NDF:16.9/16

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

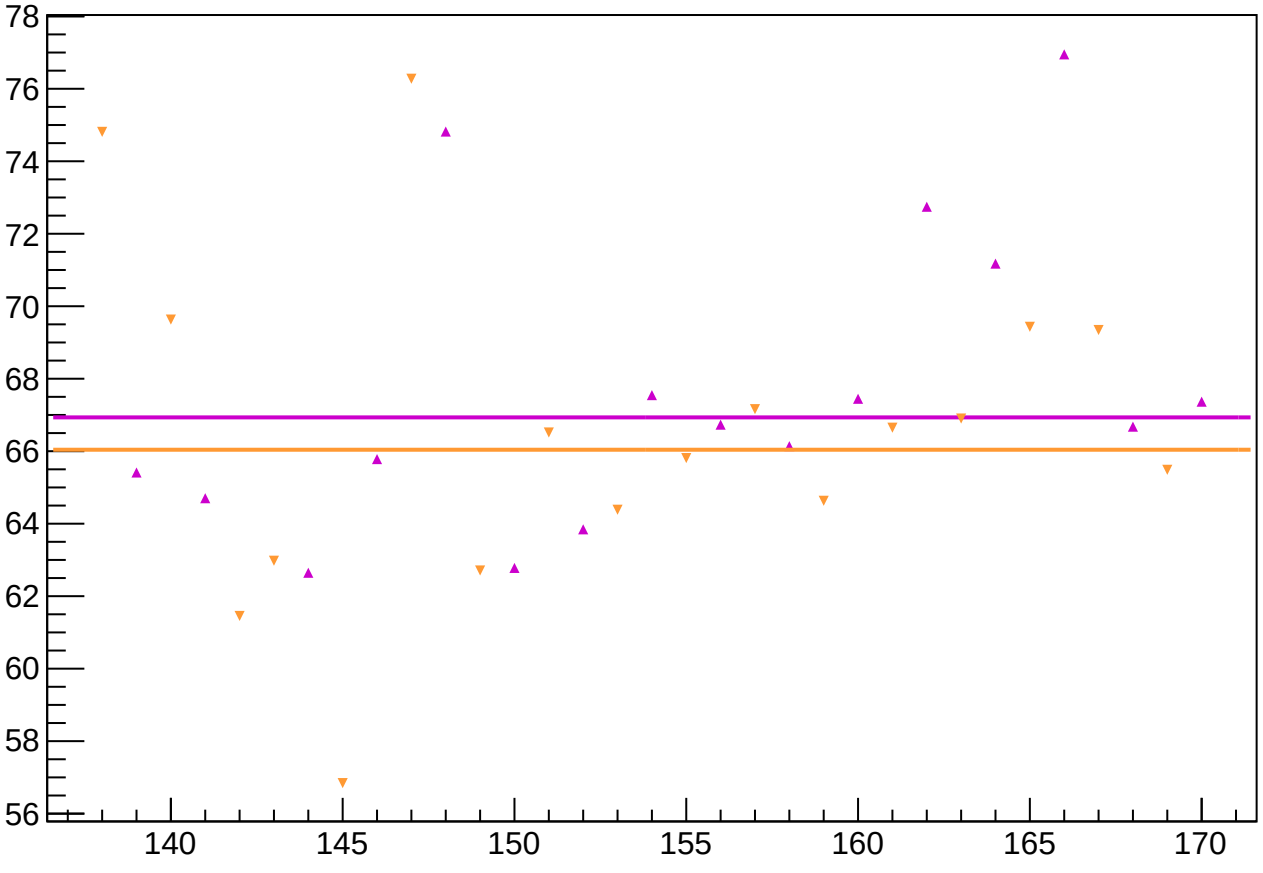
Left In: -32.500+/-18.942 χ^2/NDF:13.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.696+/-13.278 χ^2/NDF: 33.7/32

- 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: 66.041+/-0.013 χ^2/NDF:113118.2/16

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

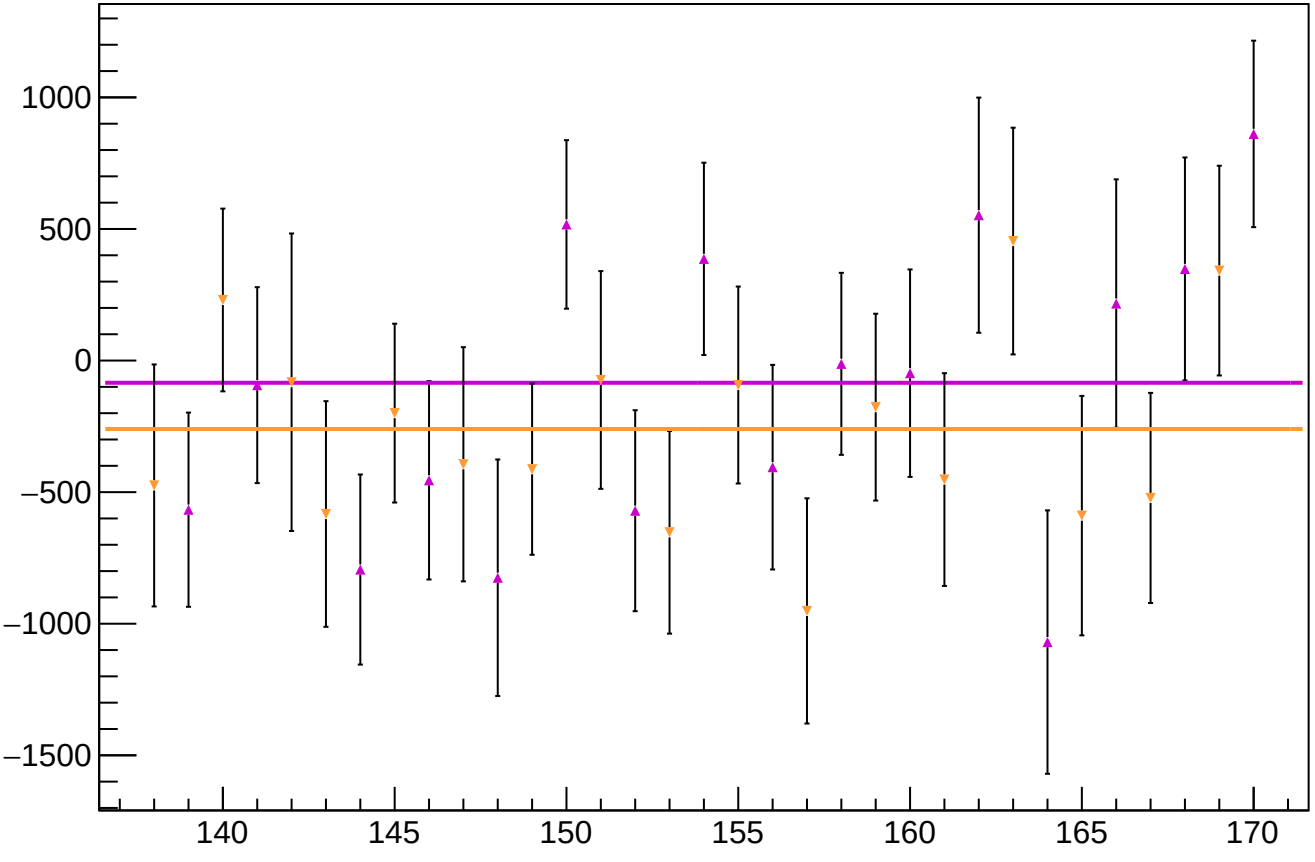
Left In: 66.933+/-0.013 χ^2/NDF:73289.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 66.479+/-0.009 χ^2/NDF: 188665.8/32

- 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: -260.040+/-96.765 χ^2/NDF:13.5/16

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

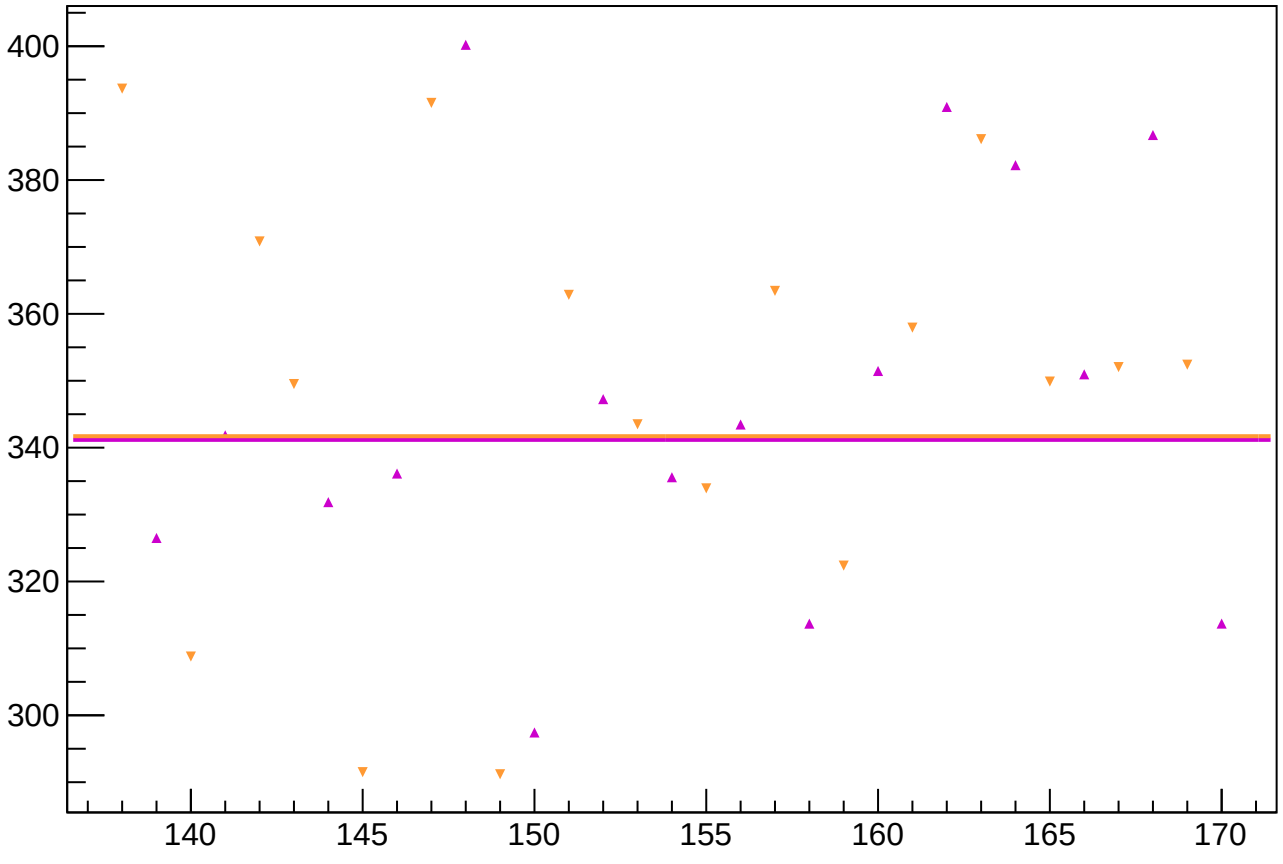
Left In: -84.401+/-96.781 χ^2/NDF:31.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -172.236+/-68.429 χ^2/NDF: 46.5/32

- 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: 341.713+/-0.068 χ^2/NDF:211622.0/16

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

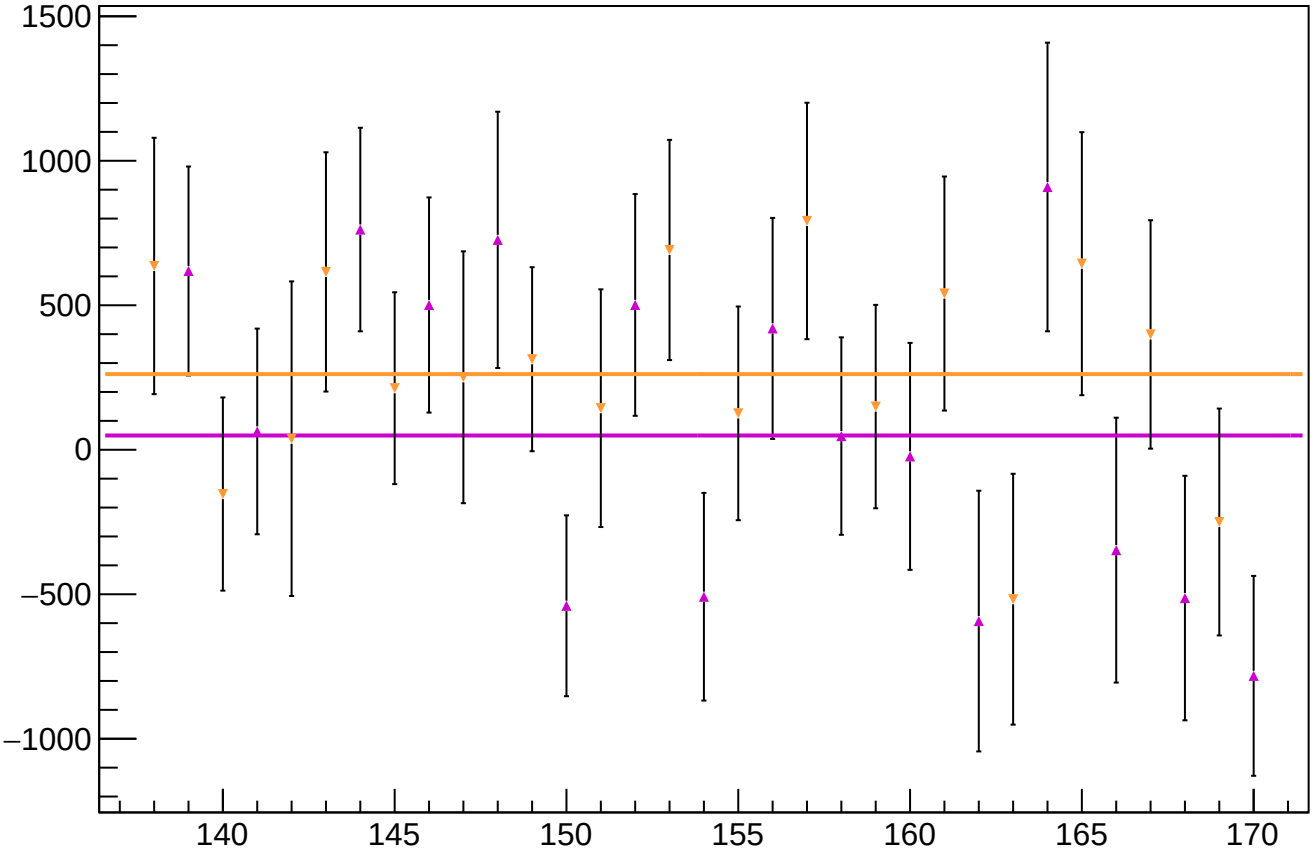
Left In: 341.168+/-0.068 χ^2/NDF:165985.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 341.441+/-0.048 χ^2/NDF: 377639.1/32

- 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: 261.775+/-95.026 χ^2/NDF:12.7/16

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

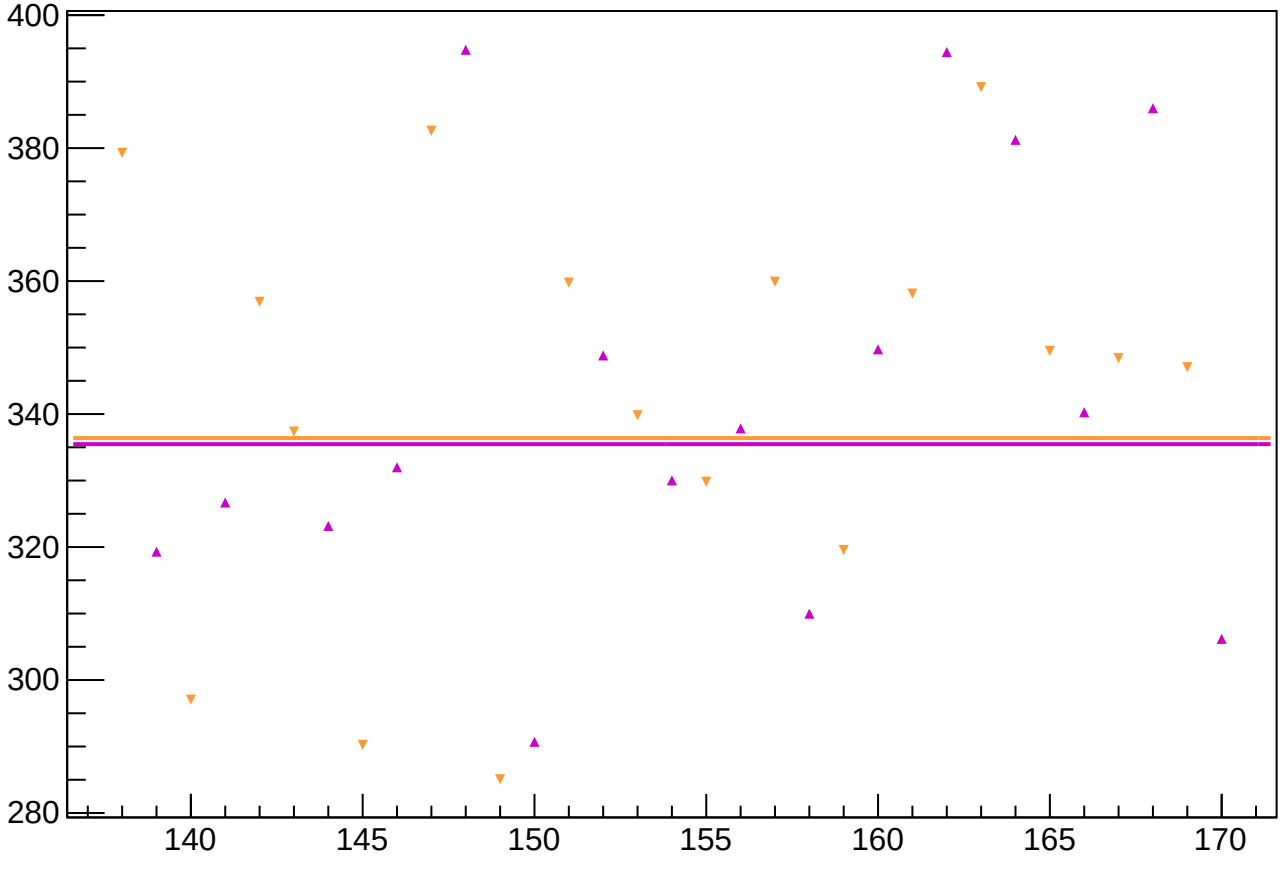
Left In: 49.389+/-95.269 χ^2/NDF:32.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 155.853+/-67.280 χ^2/NDF: 47.2/32

- 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: 336.387+/-0.067 χ^2/NDF:221128.1/16

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

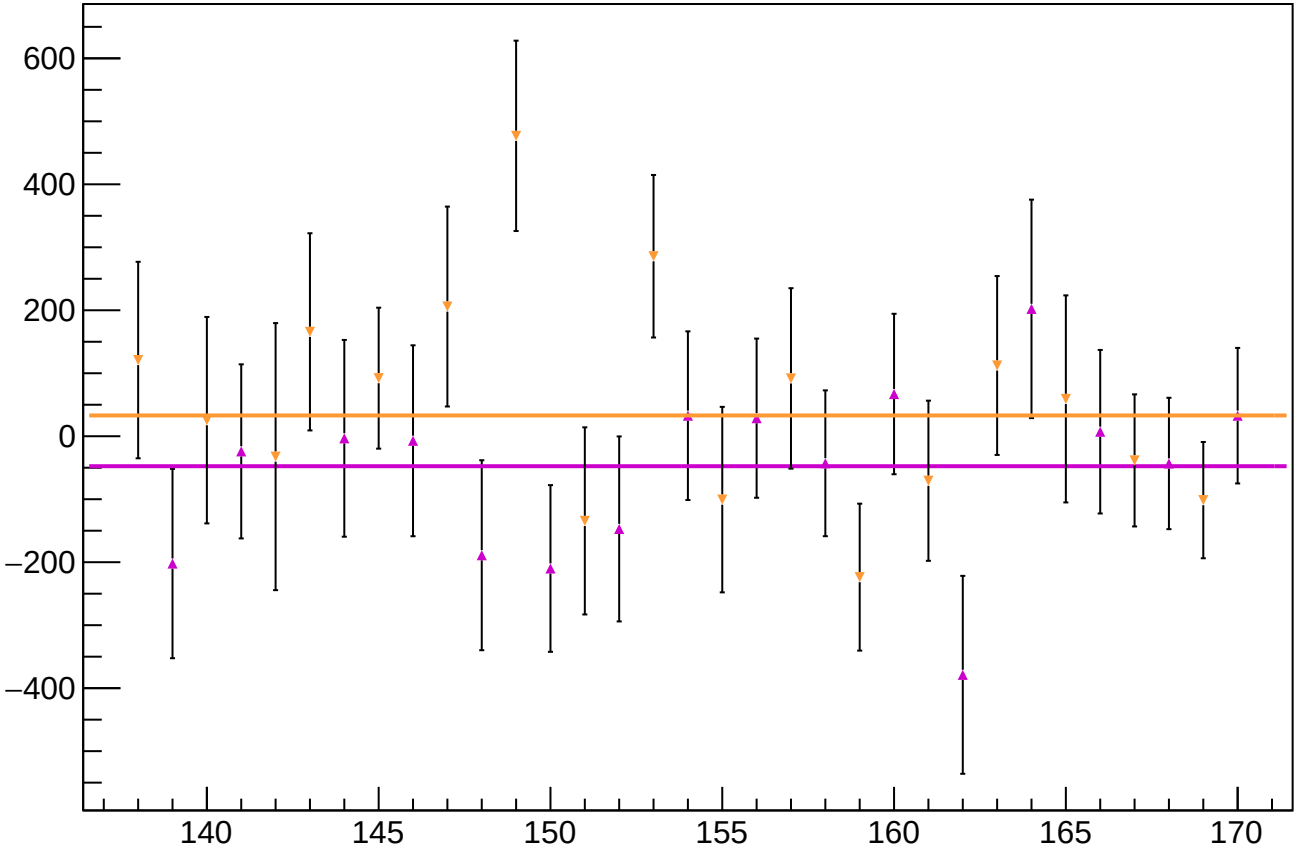
Left In: 335.477+/-0.067 χ^2/NDF:195310.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 335.933+/-0.048 χ^2/NDF: 416529.8/32

- 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: 32.998+/-32.700 χ^2/NDF:25.8/16

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

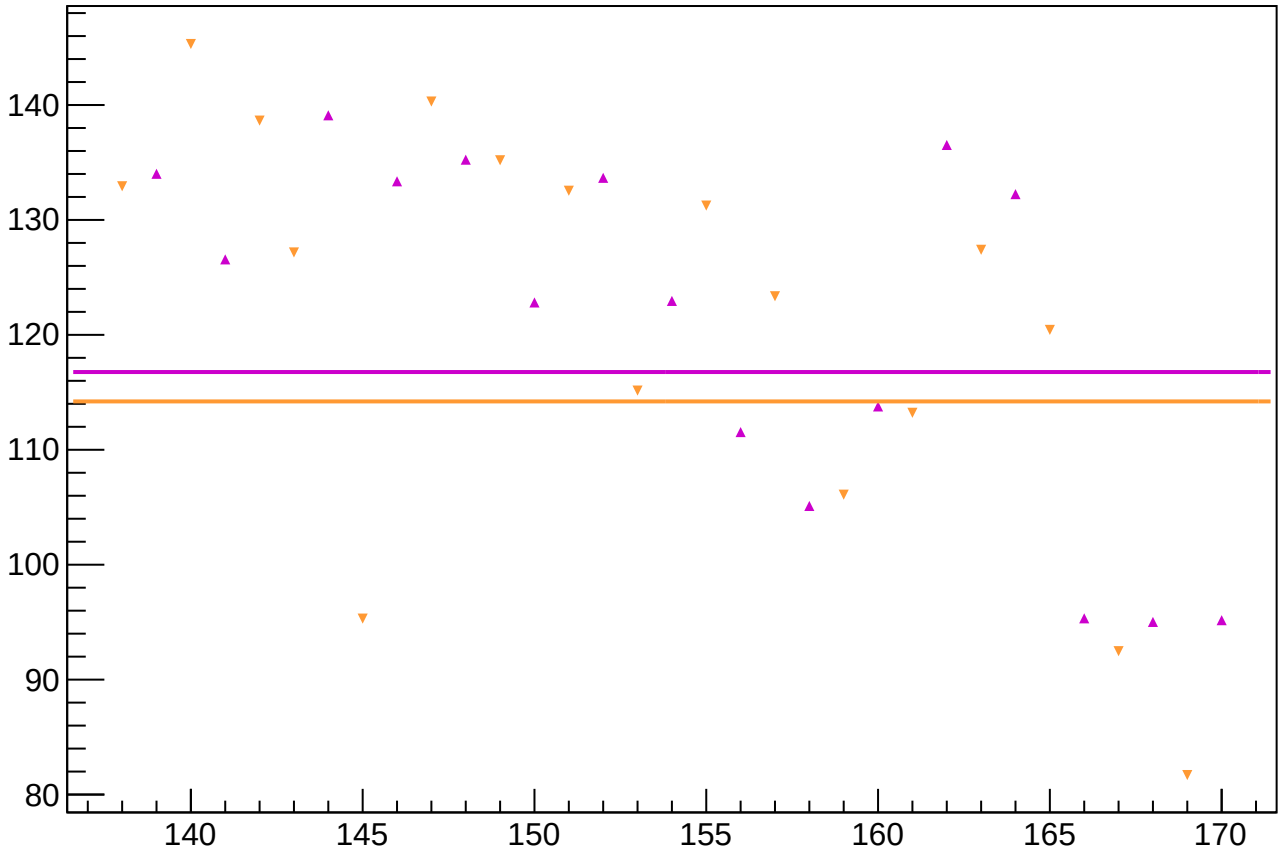
Left In: -47.591+/-33.434 χ^2/NDF:12.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.401+/-23.378 χ^2/NDF: 41.6/32

- 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: 114.209+/-0.023 χ^2/NDF:720229.8/16

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

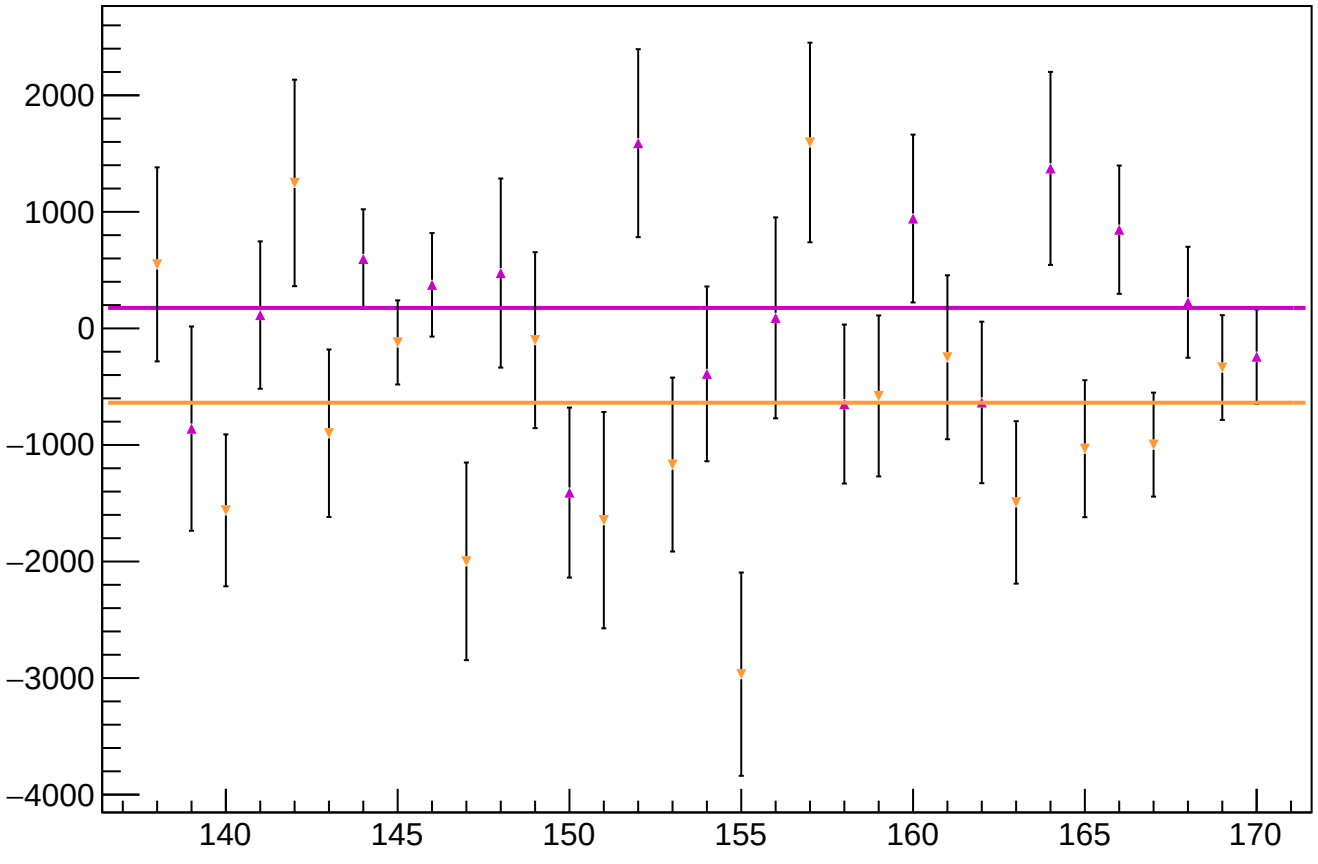
Left In: 116.765+/-0.024 χ^2/NDF:460552.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 115.458+/-0.017 χ^2/NDF: 1186759.4/32

- 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: -637.383+/-153.345 χ^2/NDF:32.8/16

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

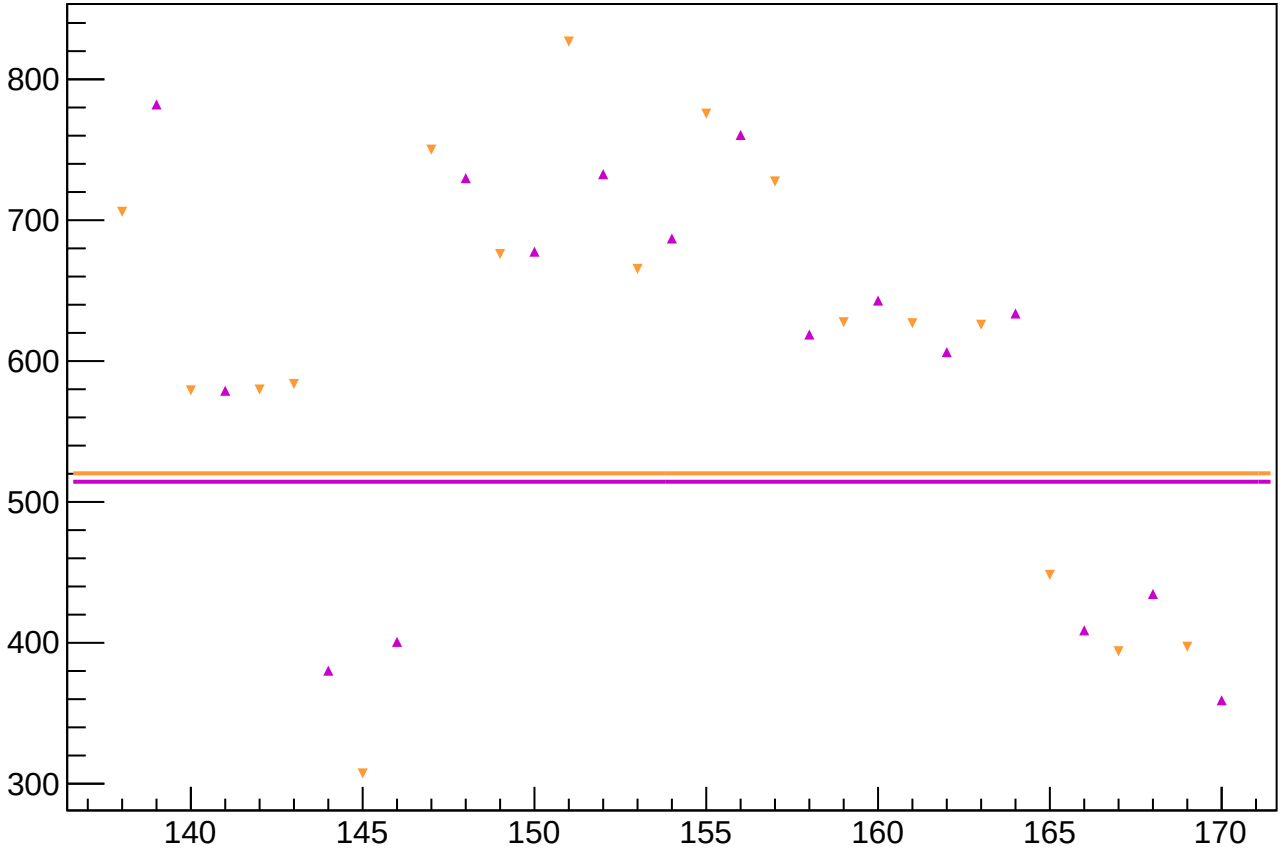
Left In: 175.677+/-151.001 χ^2/NDF:19.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -224.590+/-107.593 χ^2/NDF: 66.8/32

- 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: 520.336+/-0.108 χ^2/NDF:2132597.6/16

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

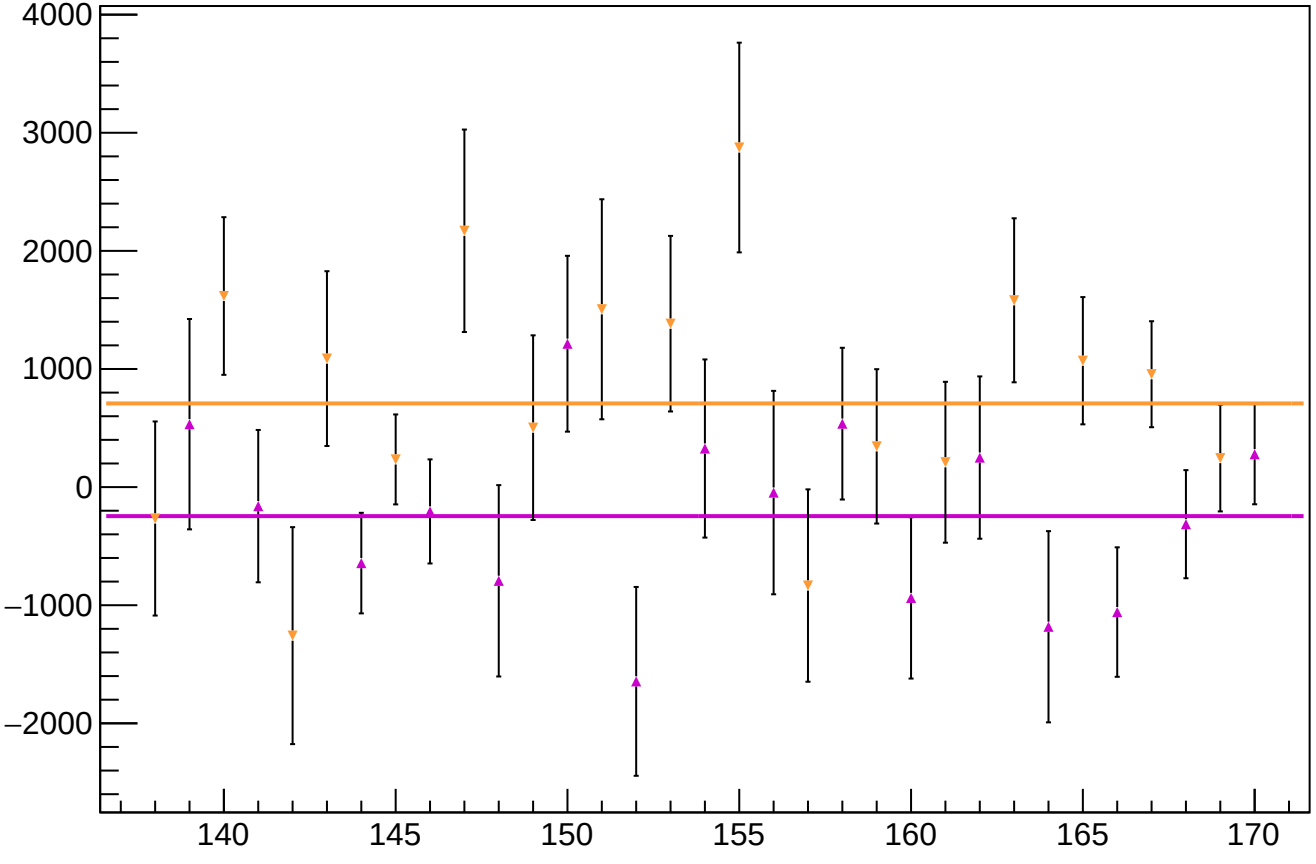
Left In: 514.347+/-0.107 χ^2/NDF:1804040.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 517.296+/-0.076 χ^2/NDF: 3938186.5/32

- 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: 708.426+/-153.824 χ^2/NDF:28.0/16

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

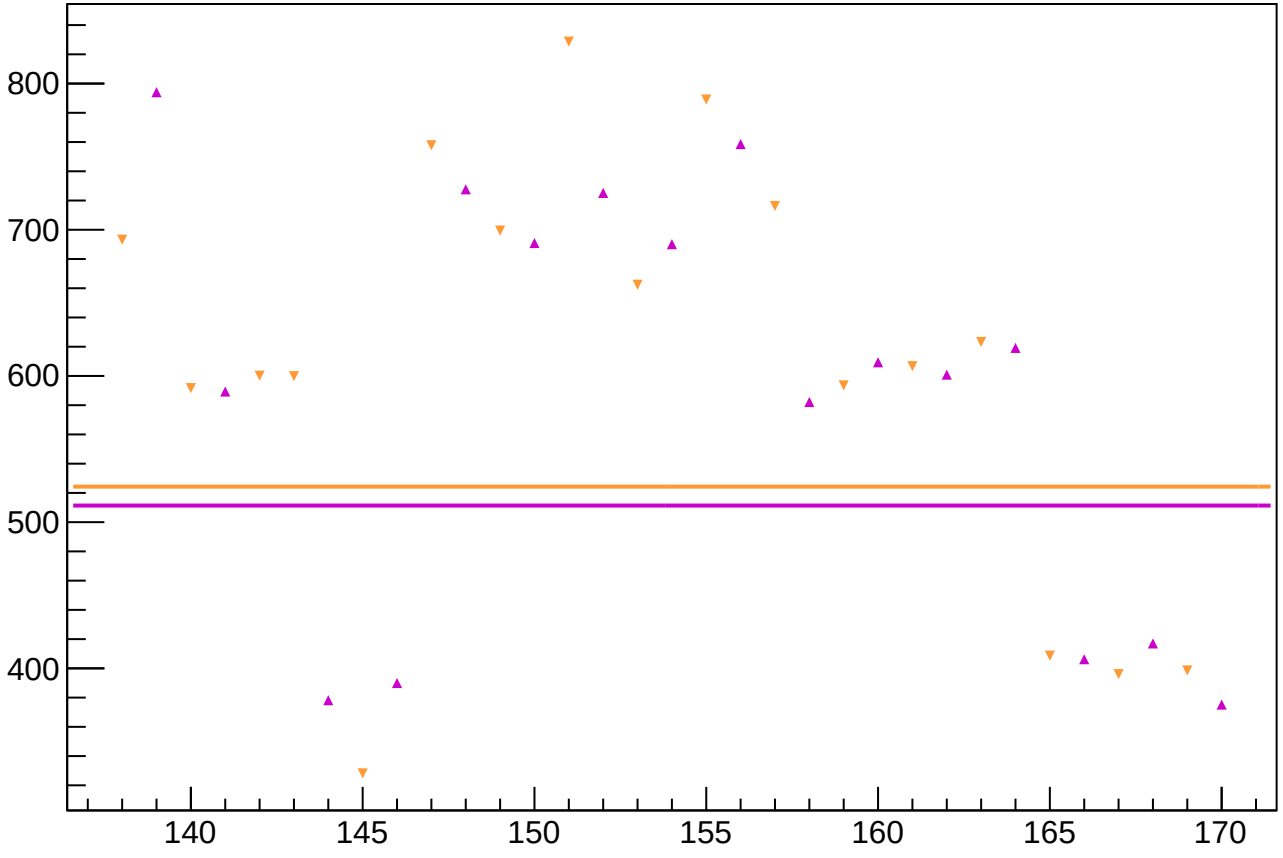
Left In: -245.662+/-150.405 χ^2/NDF:17.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 220.661+/-107.541 χ^2/NDF: 65.4/32

- 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: 524.306+/-0.109 χ^2/NDF:1993501.6/16

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

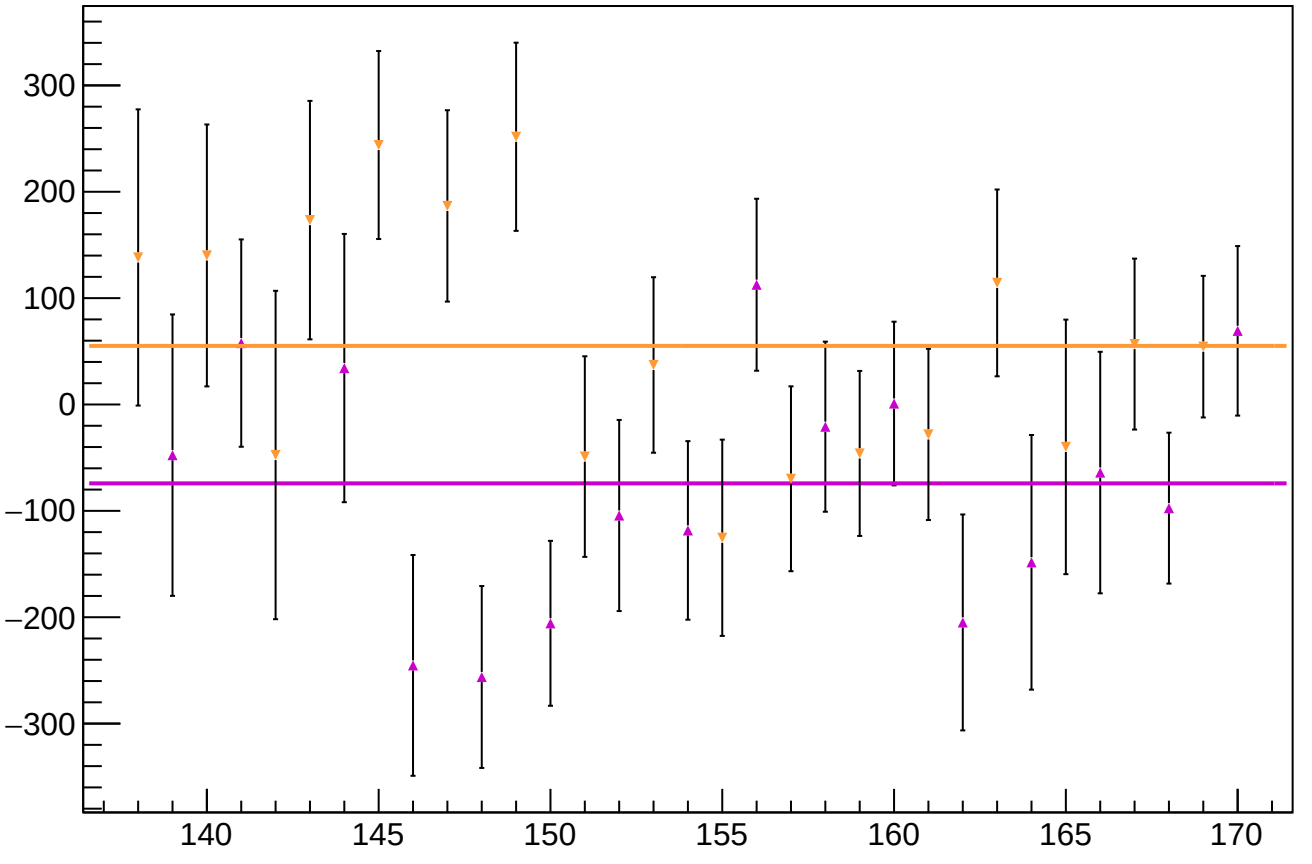
Left In: 511.350+/-0.106 χ^2/NDF:1757163.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 517.683+/-0.076 χ^2/NDF: 3757917.8/32

- 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: 55.092+/-22.204 χ^2/NDF:25.0/16

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

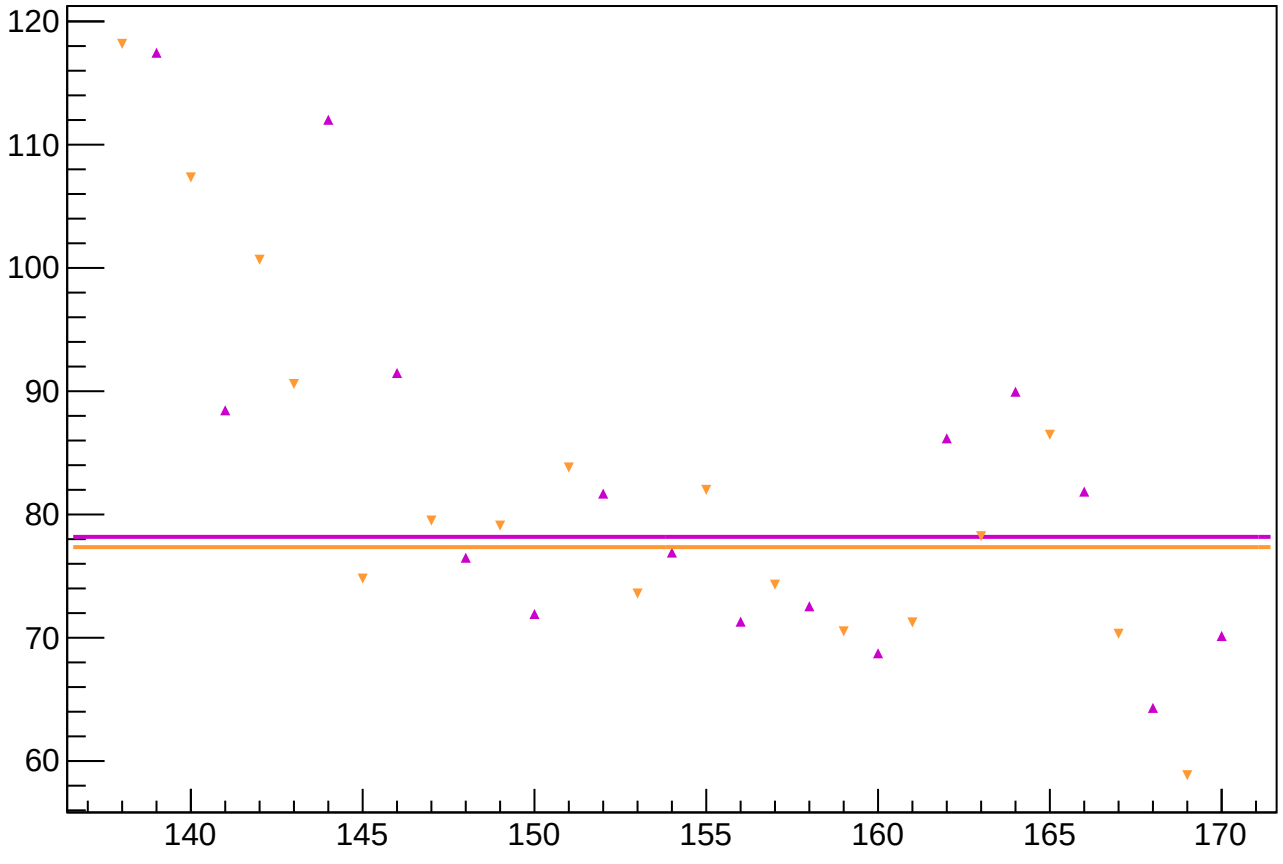
Left In: -74.155+/-22.553 χ^2/NDF:25.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.526+/-15.823 χ^2/NDF: 67.0/32

- 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: 77.353+/-0.016 χ^2/NDF:597410.1/16

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

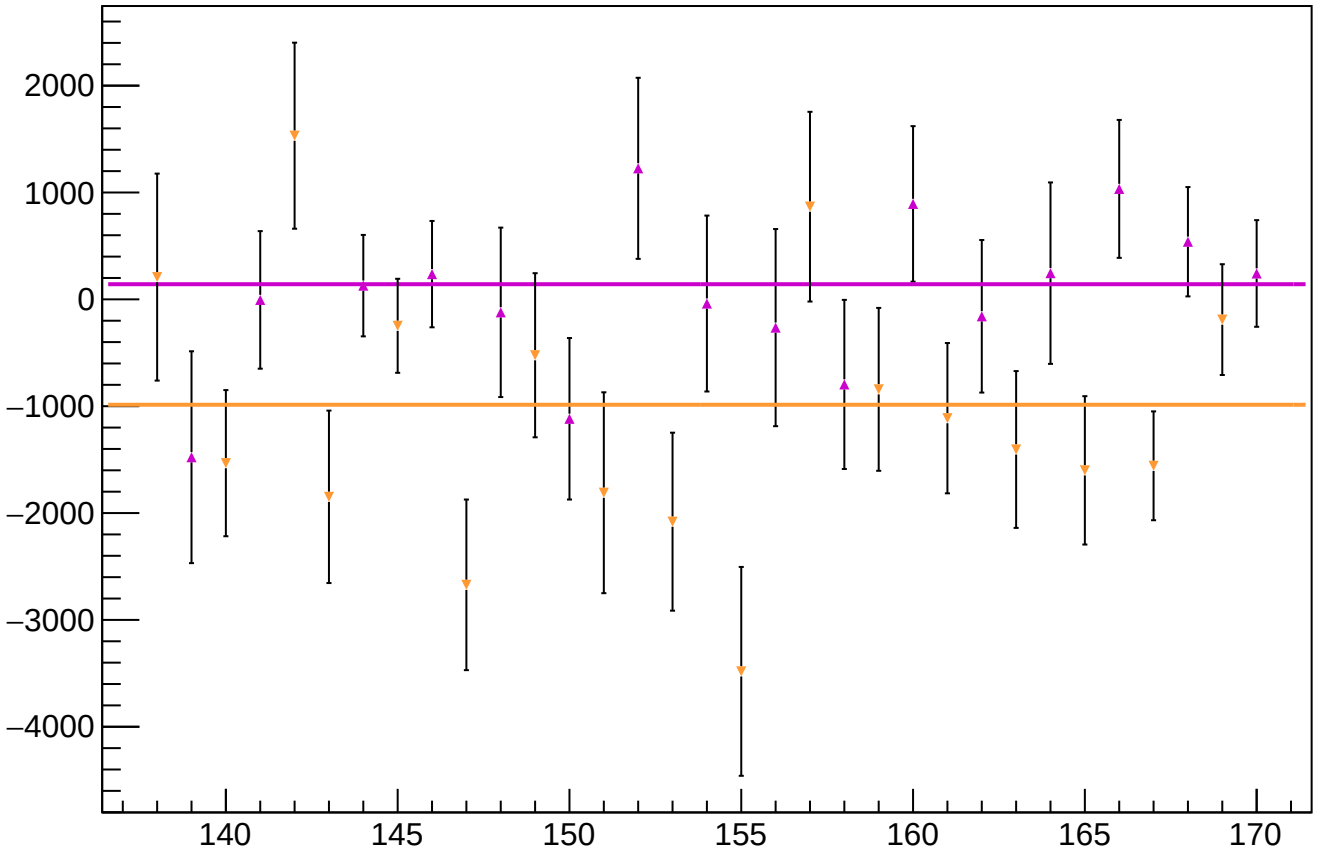
Left In: 78.185+/-0.016 χ^2/NDF:577827.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 77.762+/-0.011 χ^2/NDF: 1176620.5/32

- 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: -986.468+/-169.928 χ^2/NDF:37.5/16

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

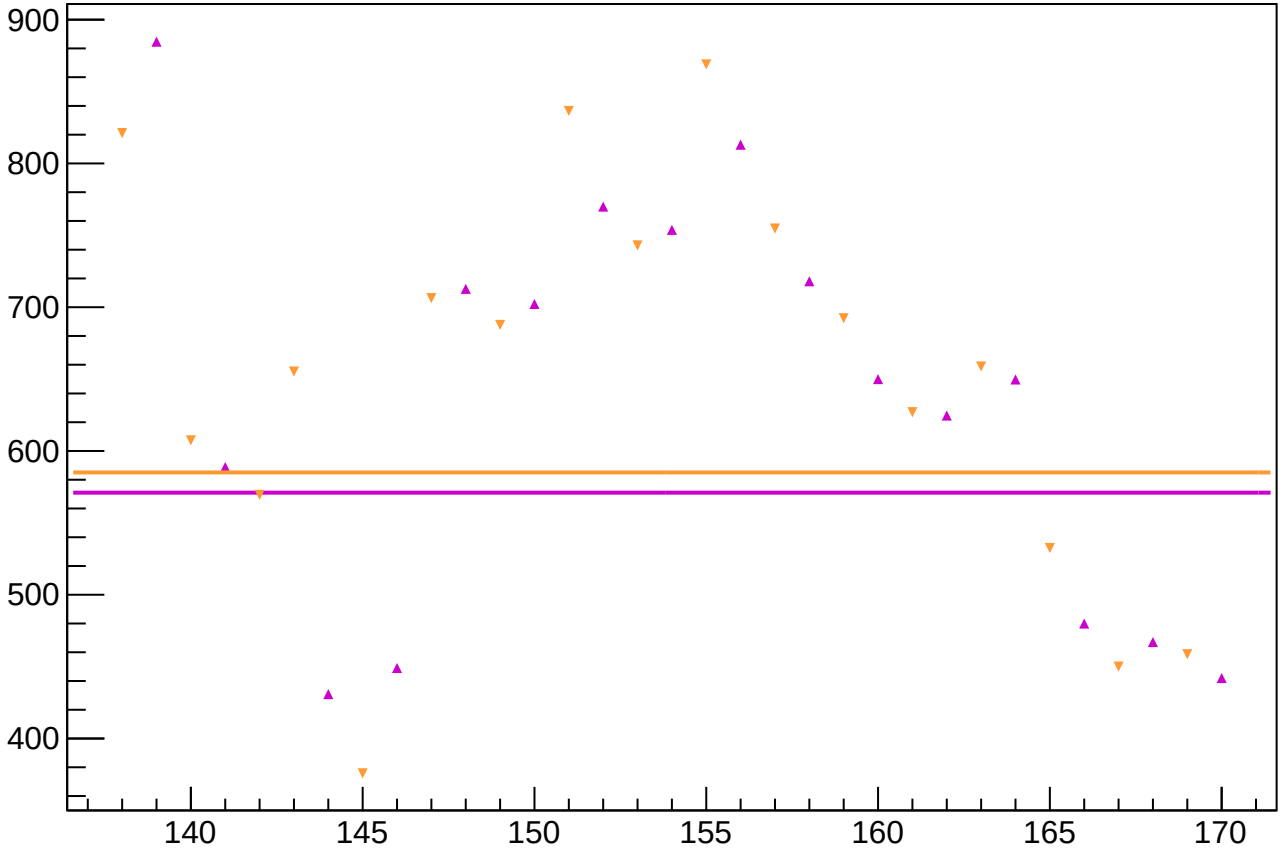
Left In: 141.758+/-165.827 χ^2/NDF:12.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -408.579+/-118.681 χ^2/NDF: 72.8/32

- 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: 585.074+/-0.120 χ^2/NDF:1465773.2/16

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

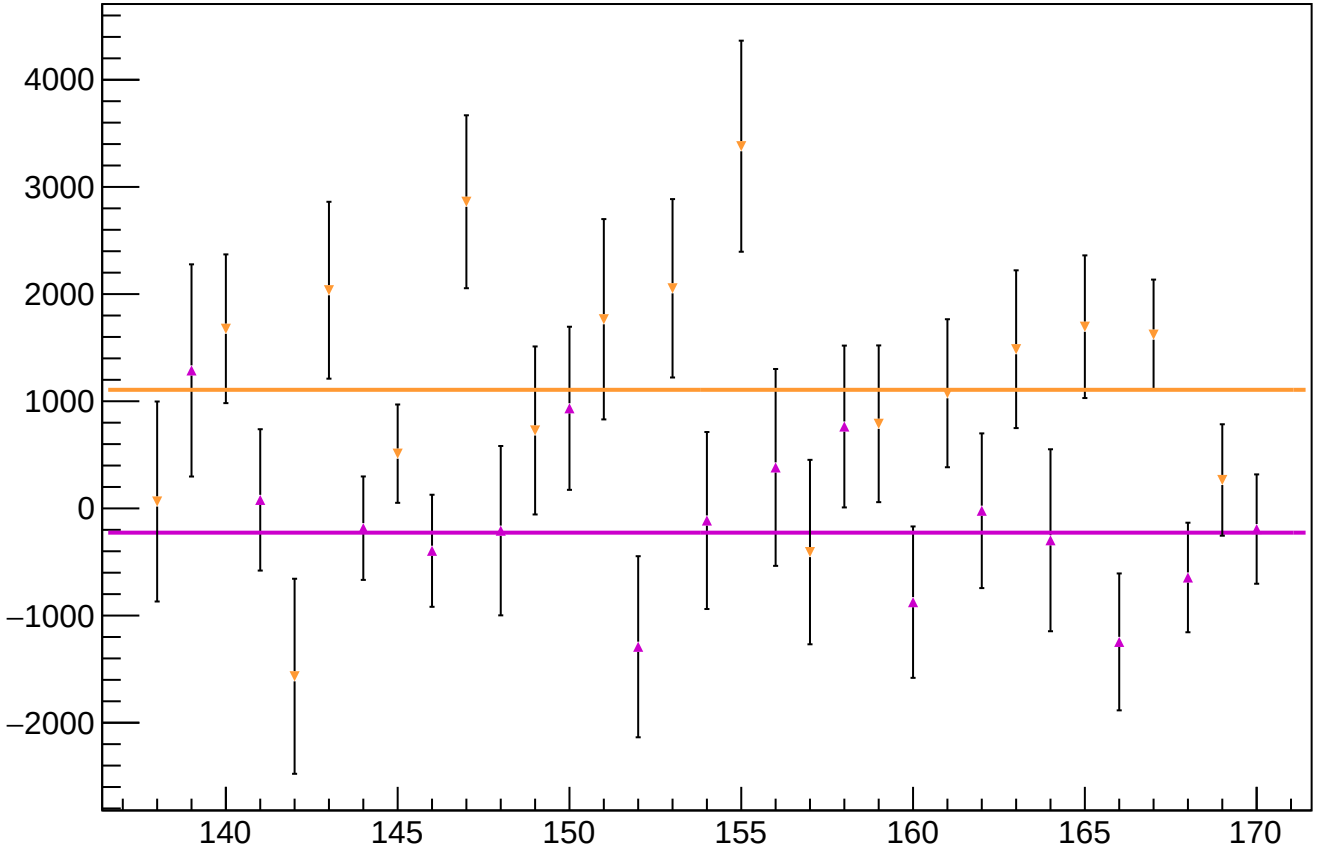
Left In: 571.008+/-0.117 χ^2/NDF:1343968.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 577.869+/-0.084 χ^2/NDF: 2816760.9/32

- 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: 1106.707+/-170.655 χ^2/NDF:33.5/16

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

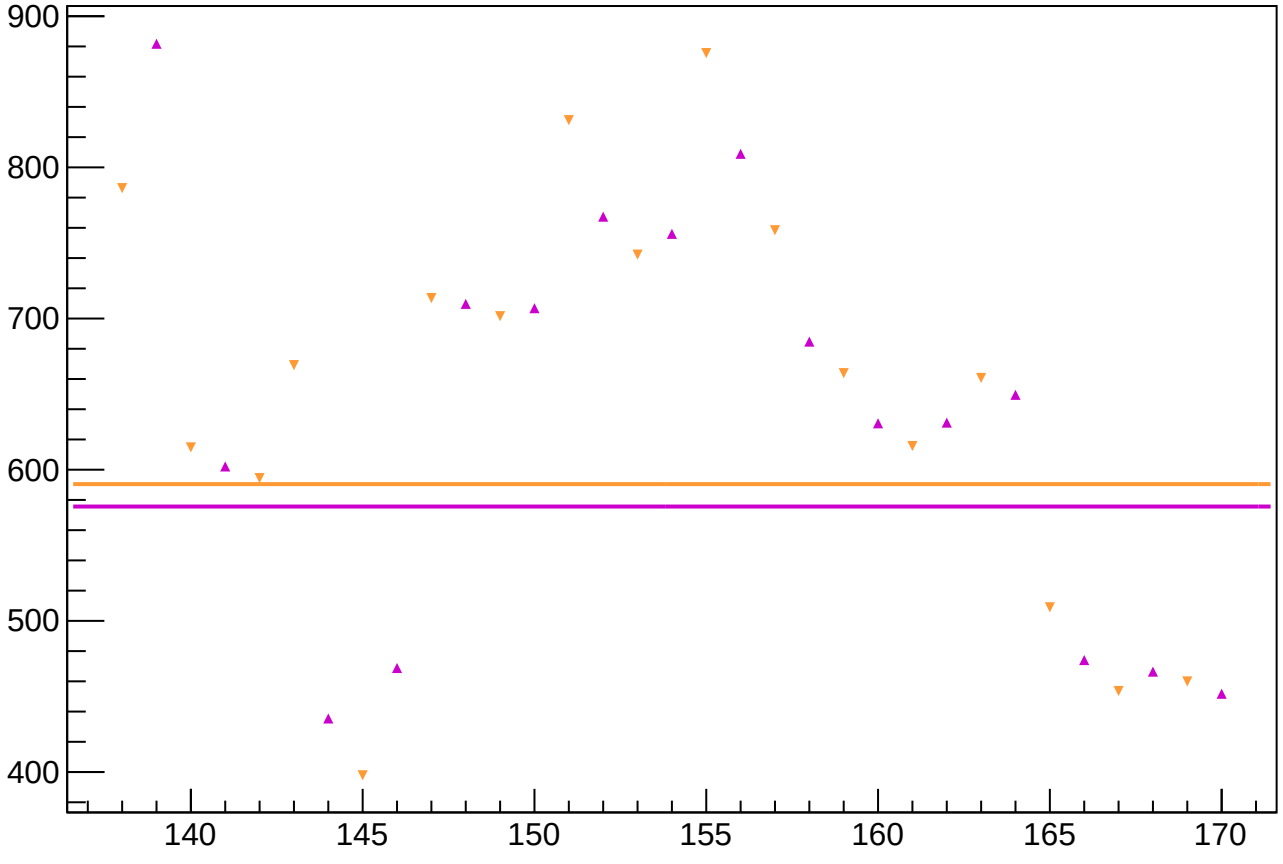
Left In: -226.356+/-167.062 χ^2/NDF:12.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 425.994+/-119.381 χ^2/NDF: 77.6/32

- 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: 590.470+/-0.121 χ^2/NDF:1329924.1/16

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

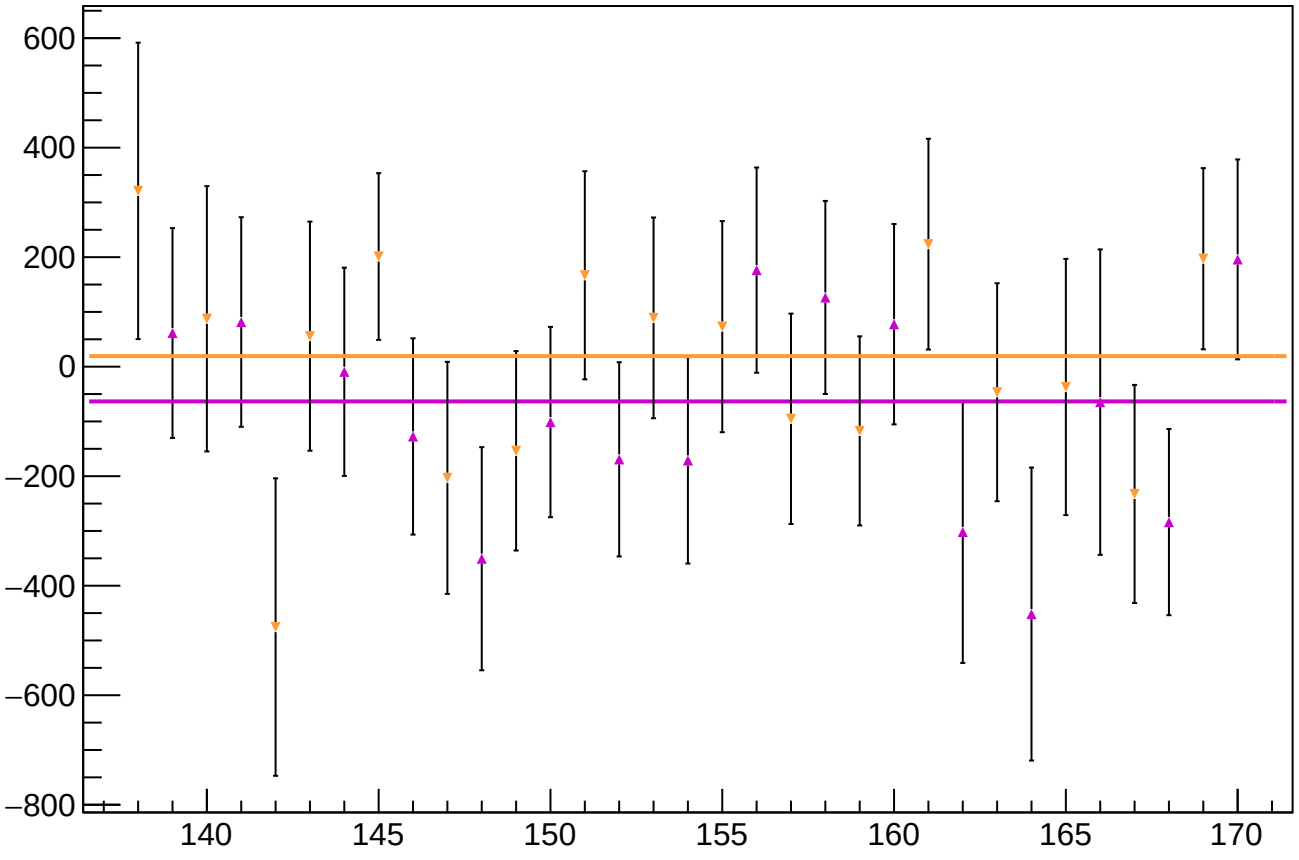
Left In: 575.637+/-0.118 χ^2/NDF:1231631.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 582.895+/-0.084 χ^2/NDF: 2569271.7/32

- 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: 19.294+/-47.677 χ^2/NDF:14.0/16

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

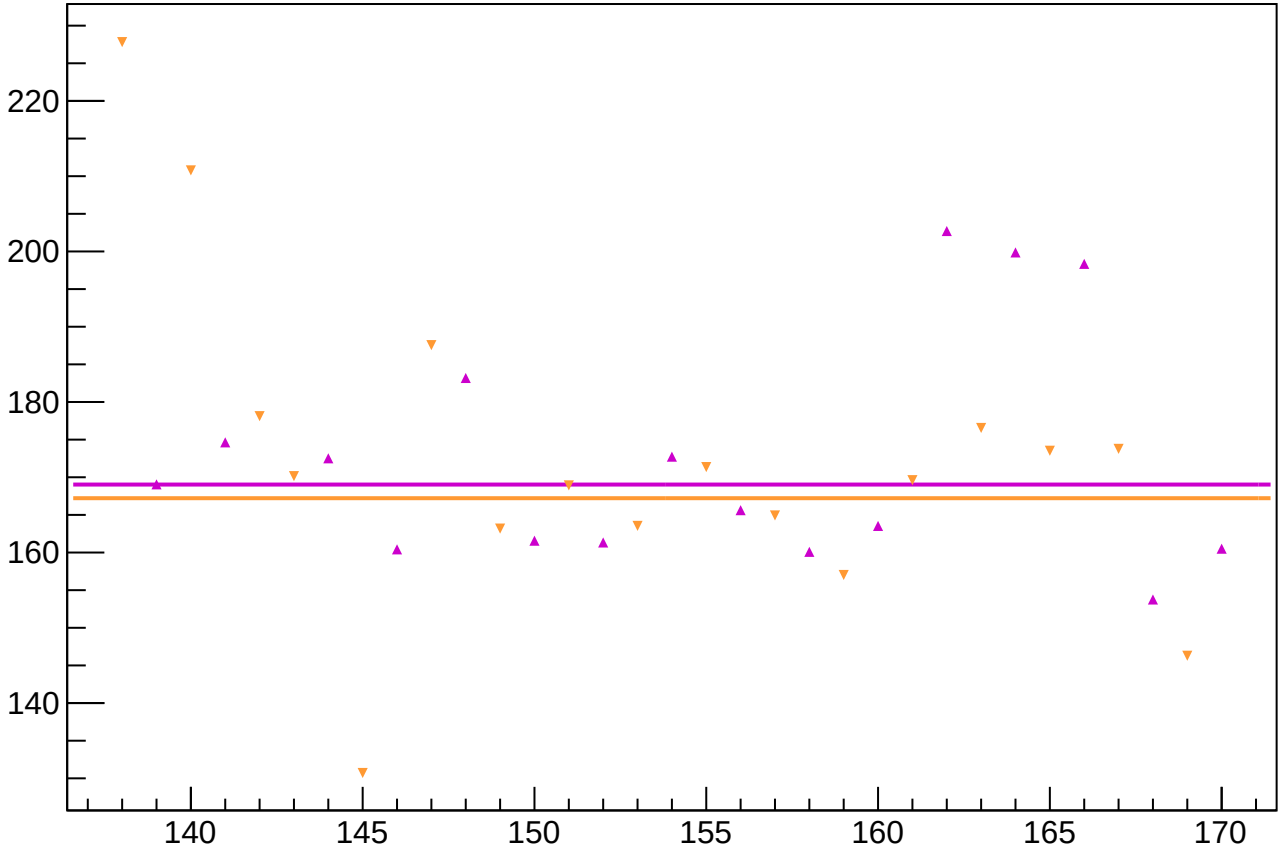
Left In: -63.459+/-48.228 χ^2/NDF:14.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.607+/-33.906 χ^2/NDF: 29.6/32

- 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: 167.218+/-0.034 χ^2/NDF:352392.3/16

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

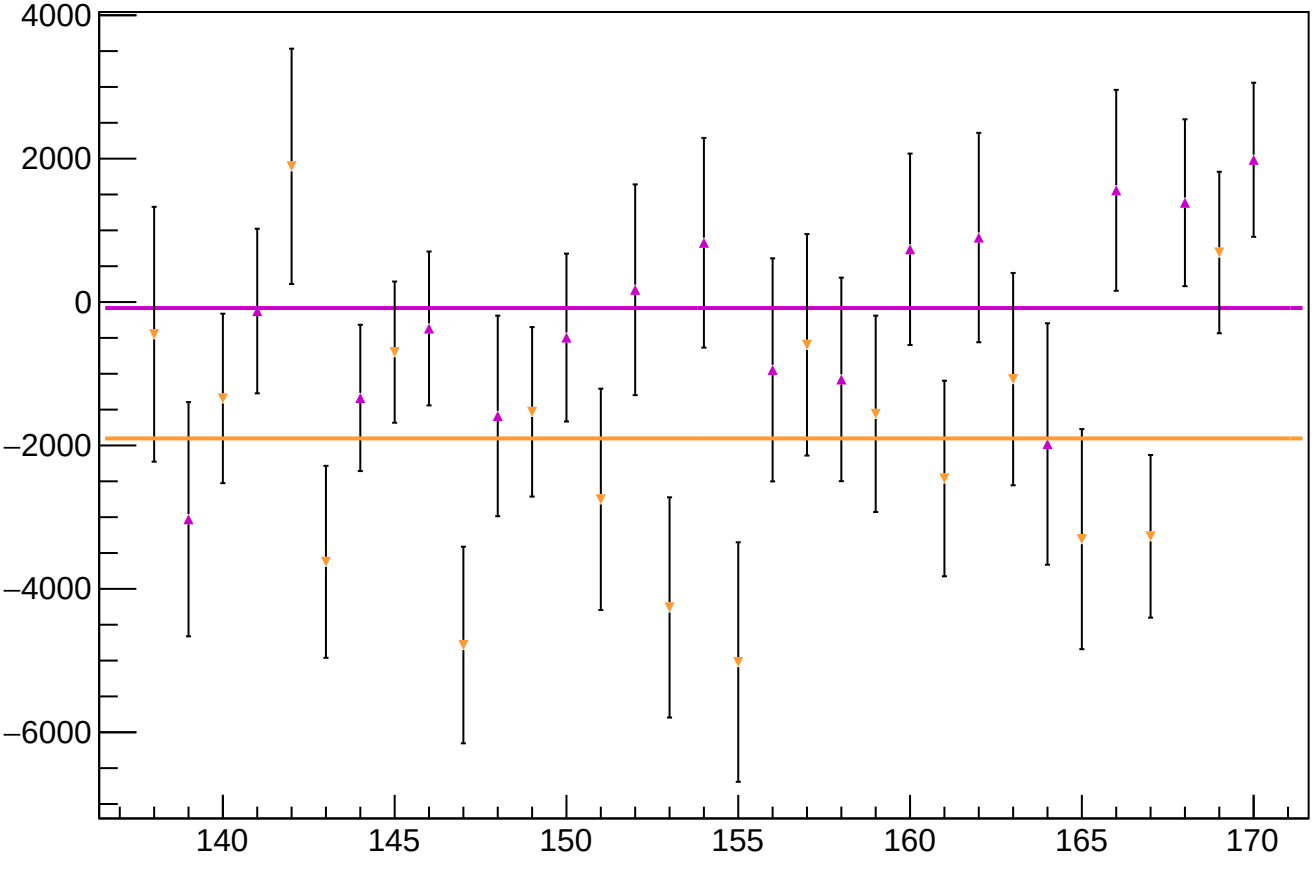
Left In: 169.031+/-0.034 χ^2/NDF:141316.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 168.114+/-0.024 χ^2/NDF: 495138.2/32

- 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: -1901.632+/-326.504 χ^2/NDF:28.9/16

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

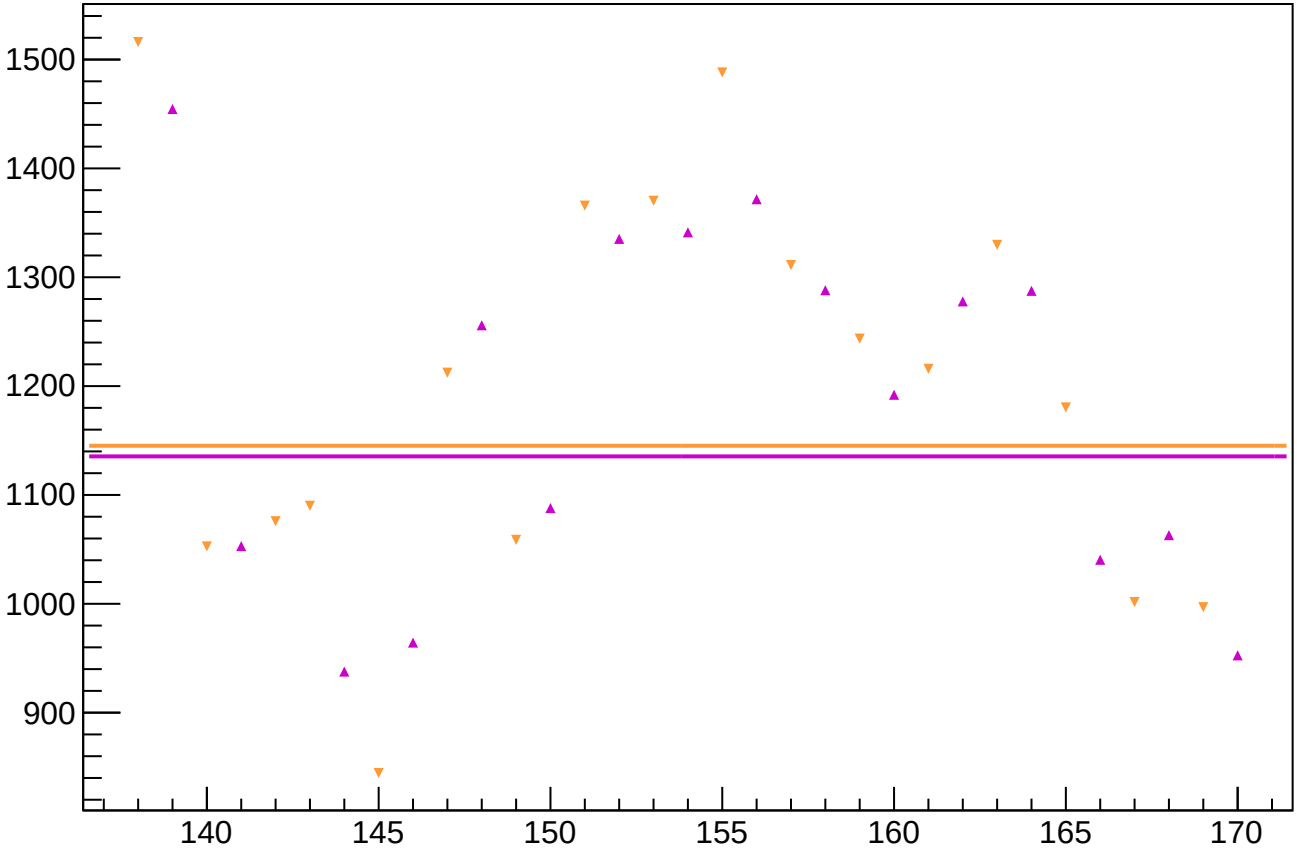
Left In: -83.603+/-323.735 χ^2/NDF:16.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -984.878+/-229.888 χ^2/NDF: 60.6/32

- 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: 1145.191+/-0.231 χ^2/NDF:614111.7/16

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

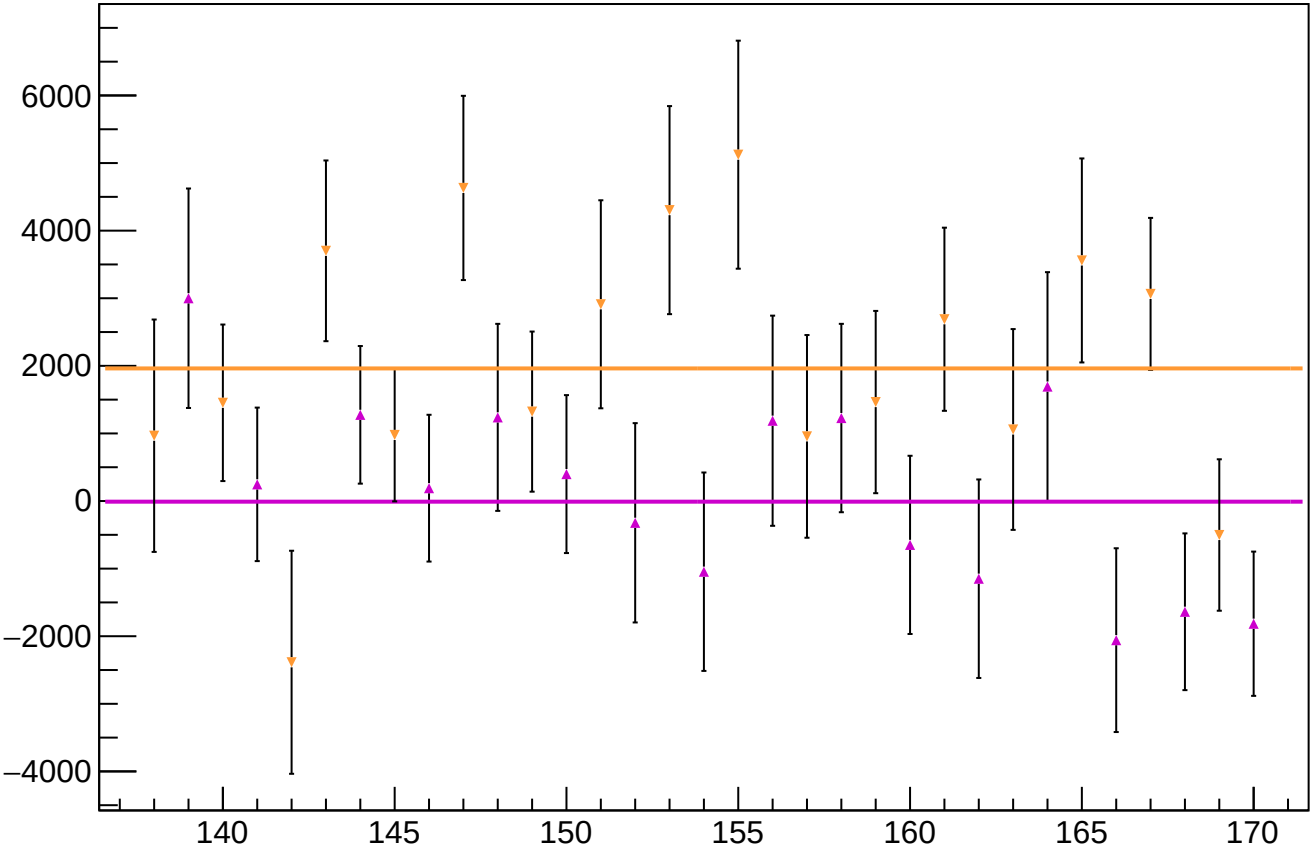
Left In: 1135.435+/-0.229 χ^2/NDF:490280.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1140.272+/-0.163 χ^2/NDF: 1105292.8/32

- 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: 1961.749+/-324.220 χ^2/NDF:28.7/16

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

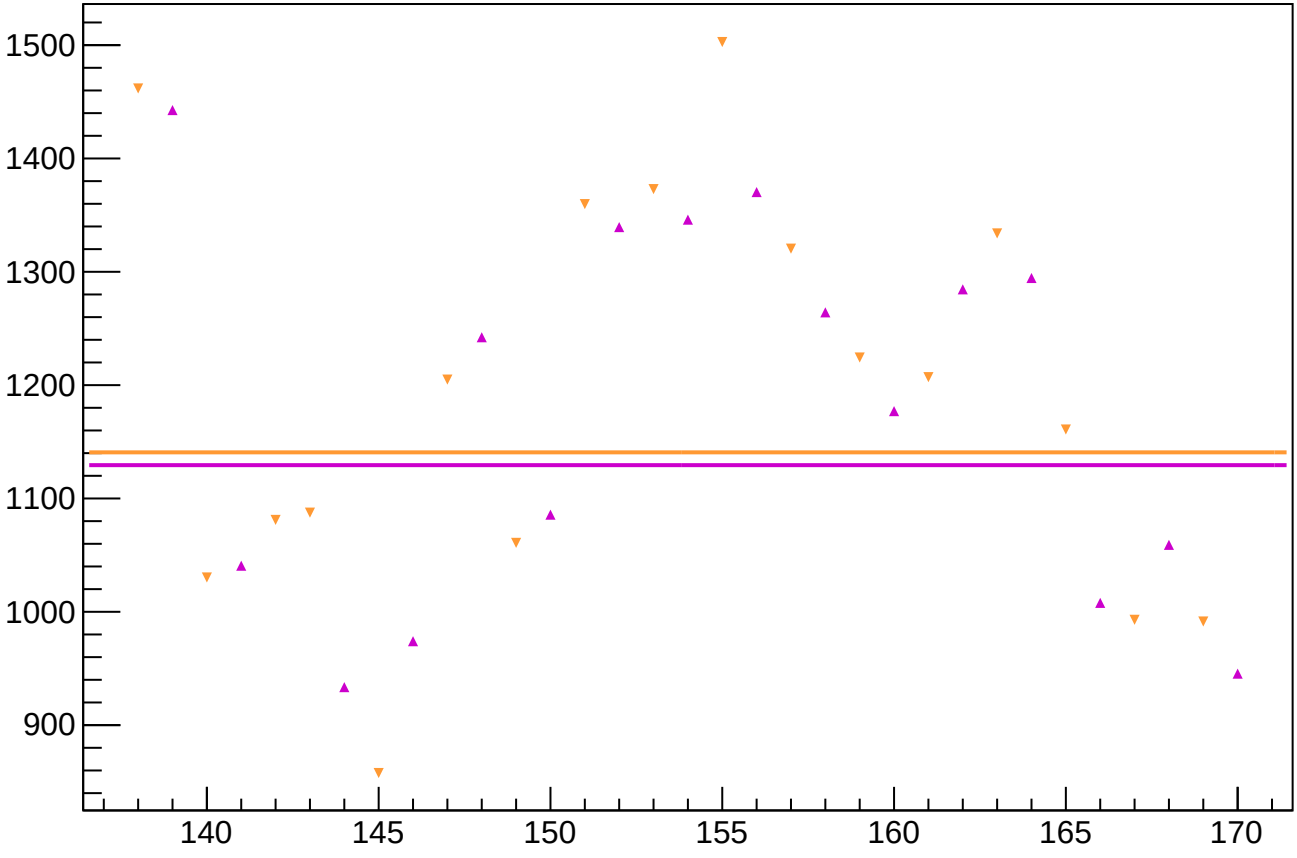
Left In: -9.505+/-322.283 χ^2/NDF:16.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 970.217+/-228.570 χ^2/NDF: 64.2/32

- 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: 1140.693+/-0.229 χ^2/NDF:596676.5/16

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

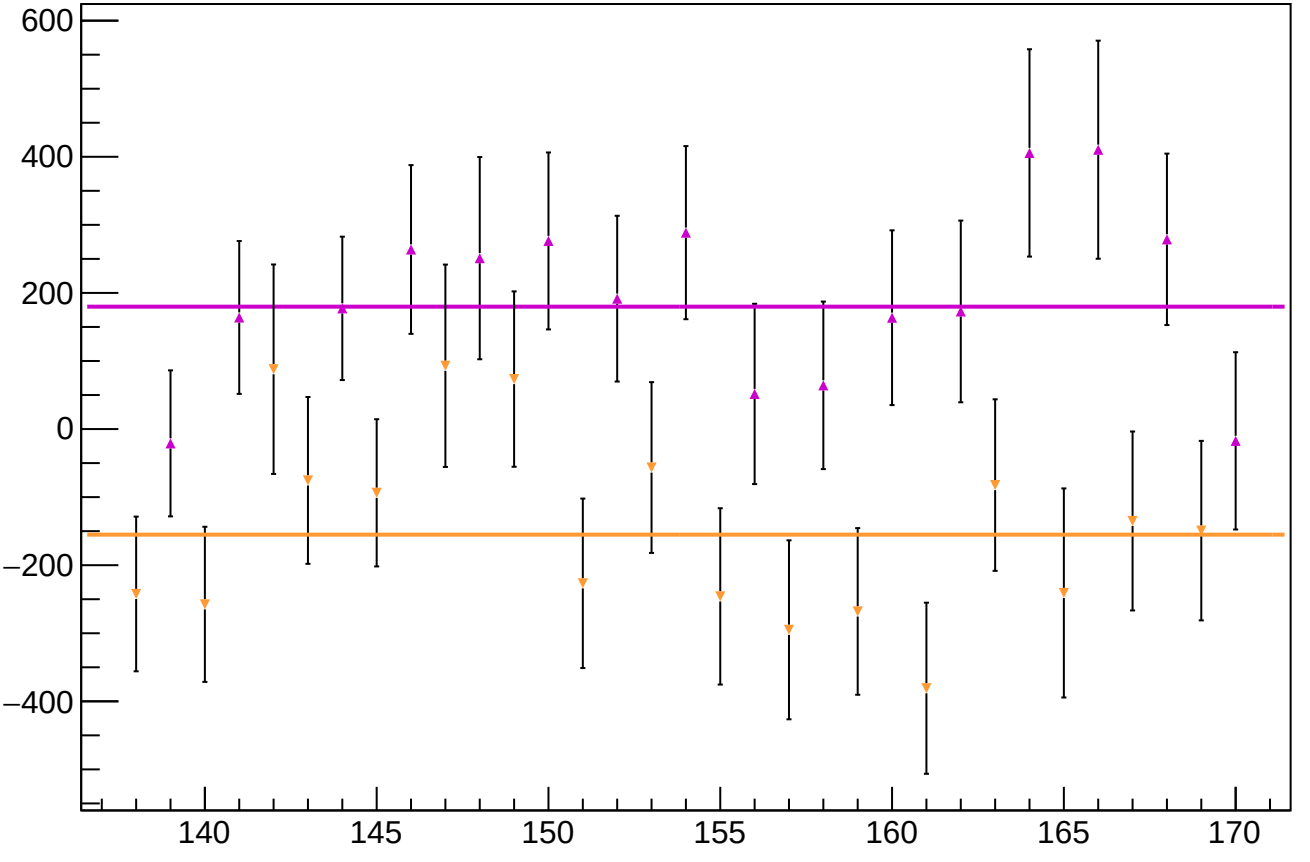
Left In: 1129.399+/-0.228 χ^2/NDF:495450.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1135.012+/-0.162 χ^2/NDF: 1093347.9/32

- 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: -155.134+/-30.852 χ^2/NDF:17.9/16

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

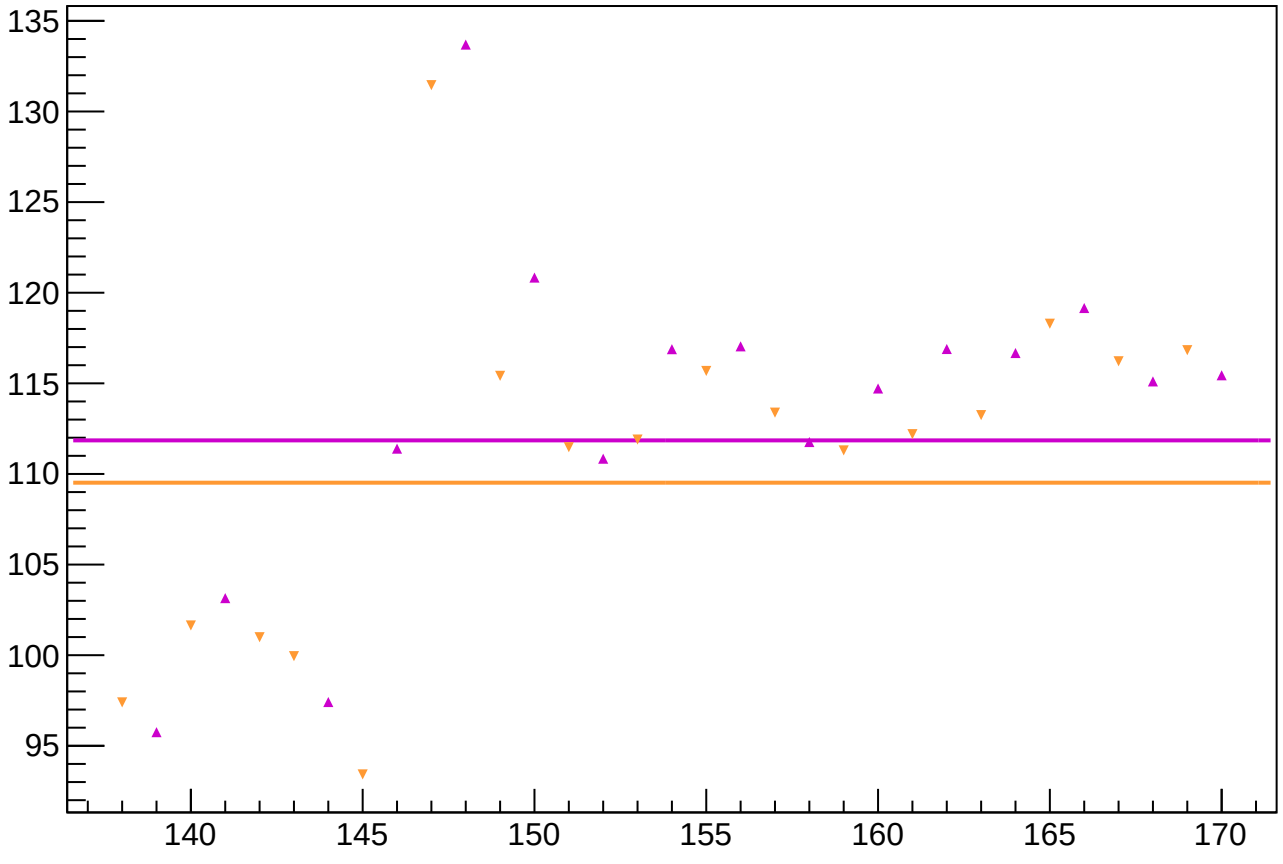
Left In: 179.806+/-31.635 χ^2/NDF:14.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.141+/-22.087 χ^2/NDF: 89.9/32

- 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: 109.518+/-0.022 χ^2/NDF:171120.1/16

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

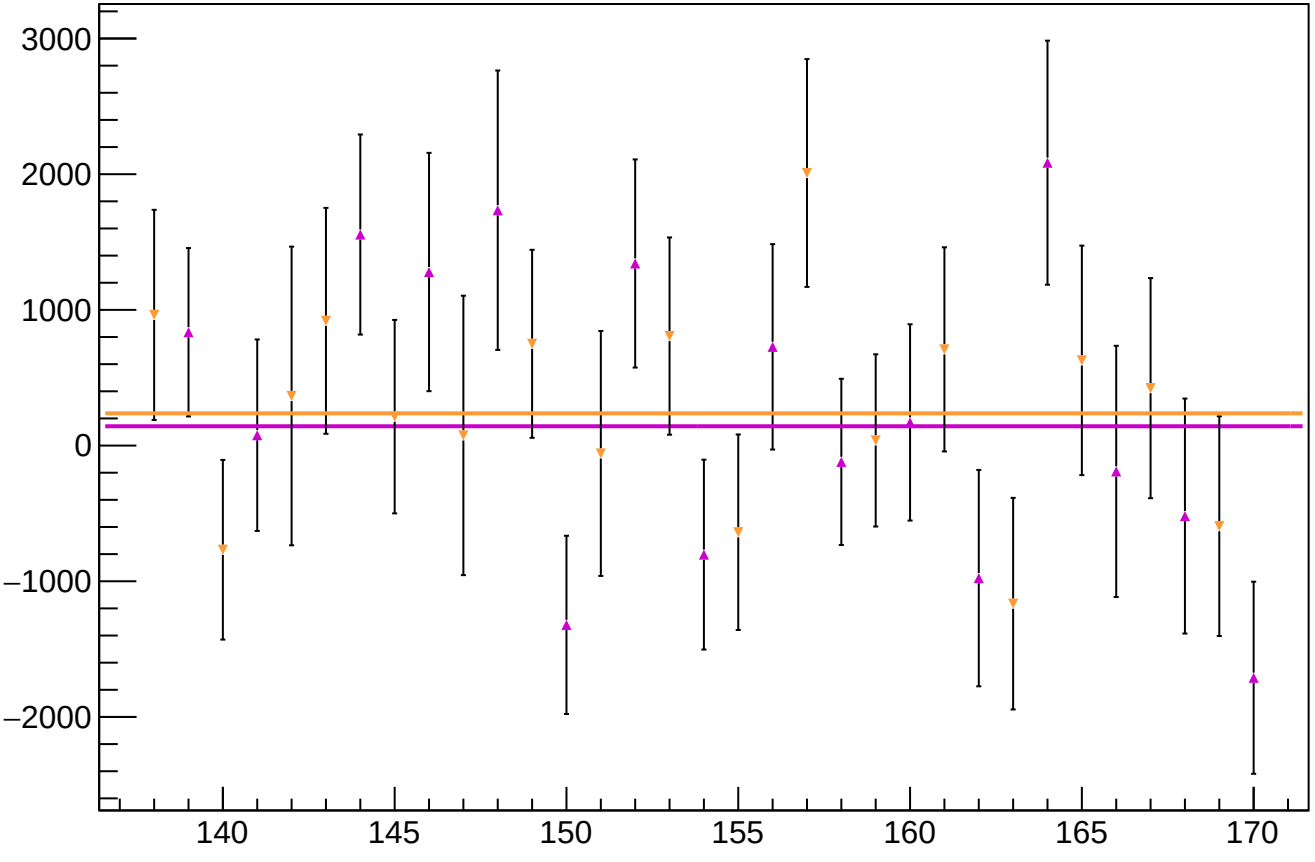
Left In: 111.853+/-0.022 χ^2/NDF:166677.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 110.656+/-0.016 χ^2/NDF: 343378.8/32

- 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: 237.733+/-188.918 χ^2/NDF:16.1/16

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

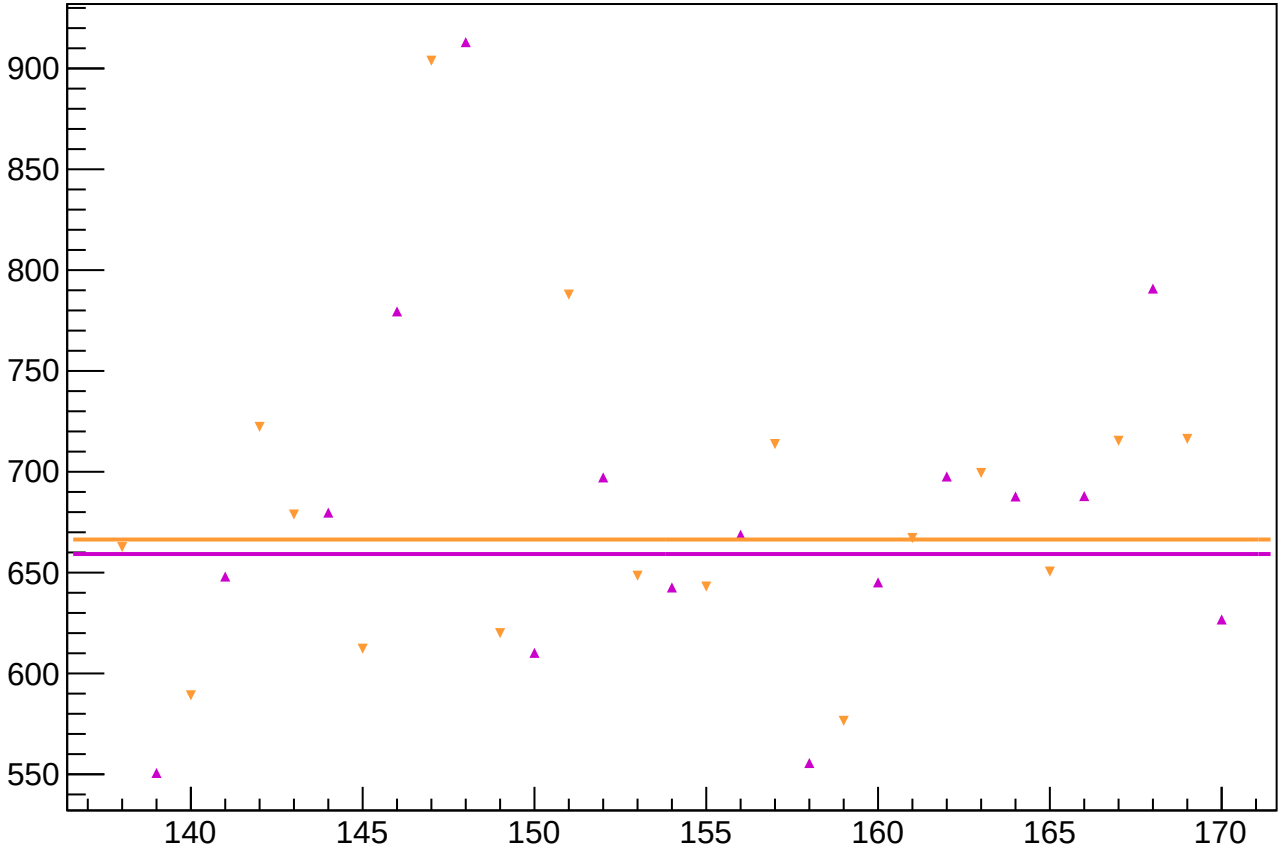
Left In: 142.439+/-187.727 χ^2/NDF:33.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 189.785+/-133.162 χ^2/NDF: 49.5/32

- 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: 666.409+/-0.134 χ^2/NDF:264942.9/16

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

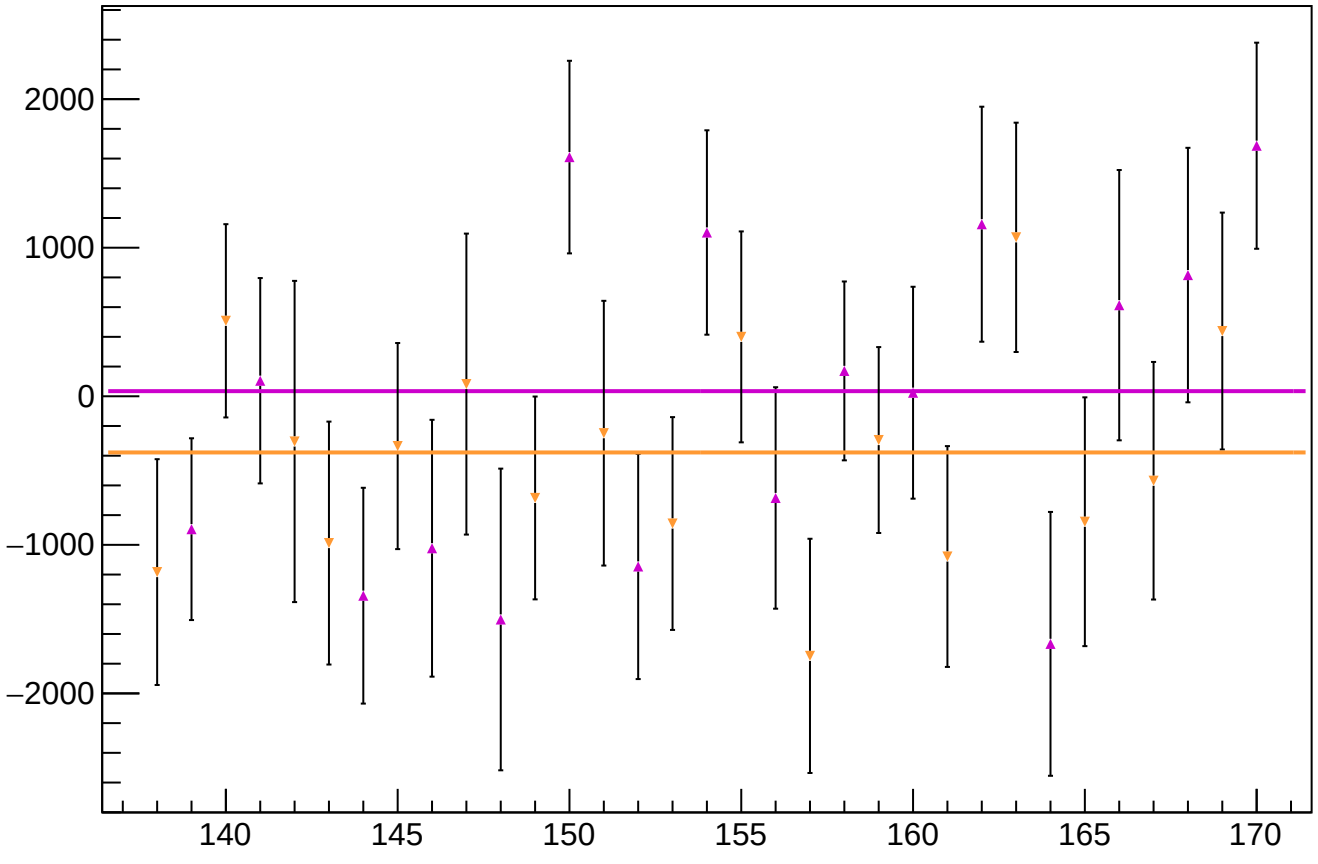
Left In: 659.211+/-0.133 χ^2/NDF:356857.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 662.787+/-0.094 χ^2/NDF: 623261.4/32

- 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: -378.114+/-185.511 χ^2/NDF:14.5/16

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

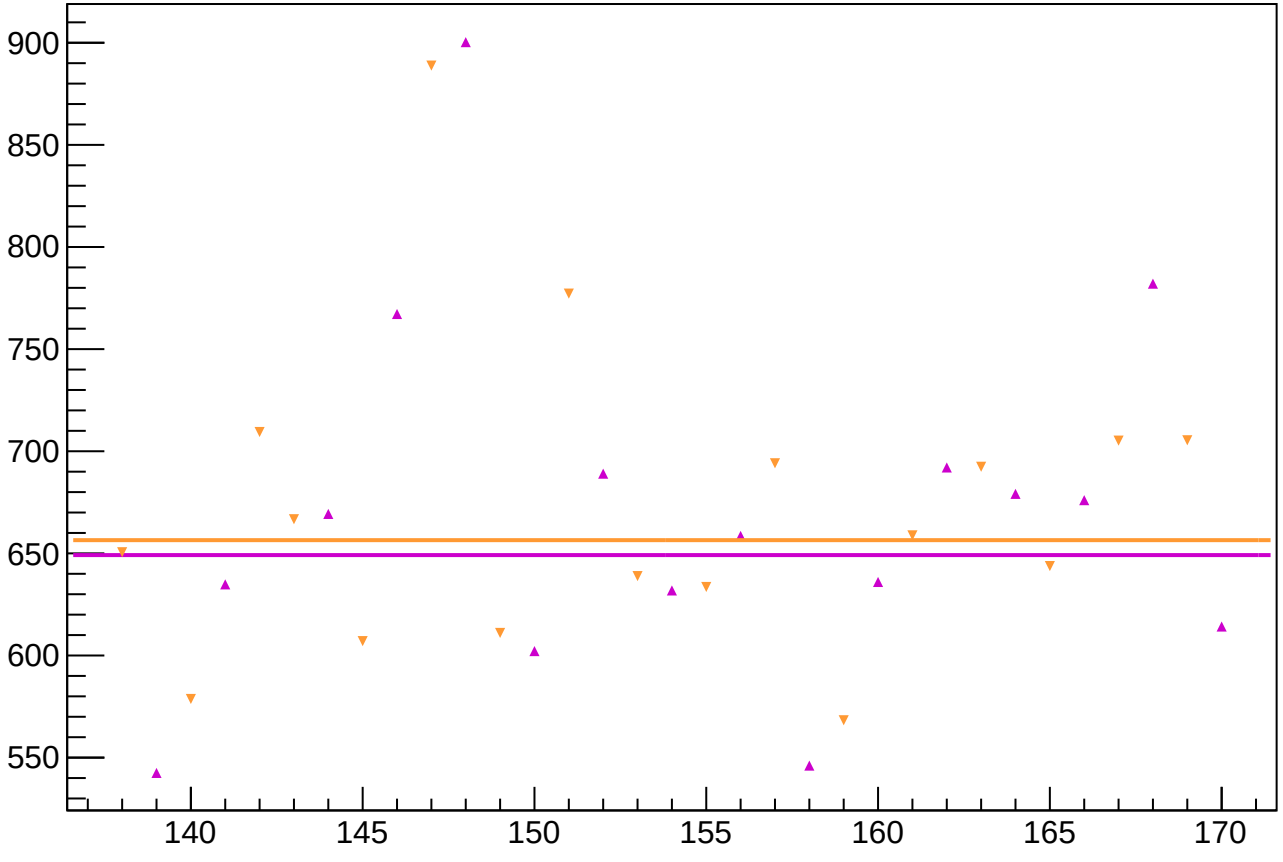
Left In: 34.506+/-184.916 χ^2/NDF:34.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -171.141+/-130.965 χ^2/NDF: 51.0/32

- 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: 656.471+/-0.131 χ^2/NDF:262130.4/16

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

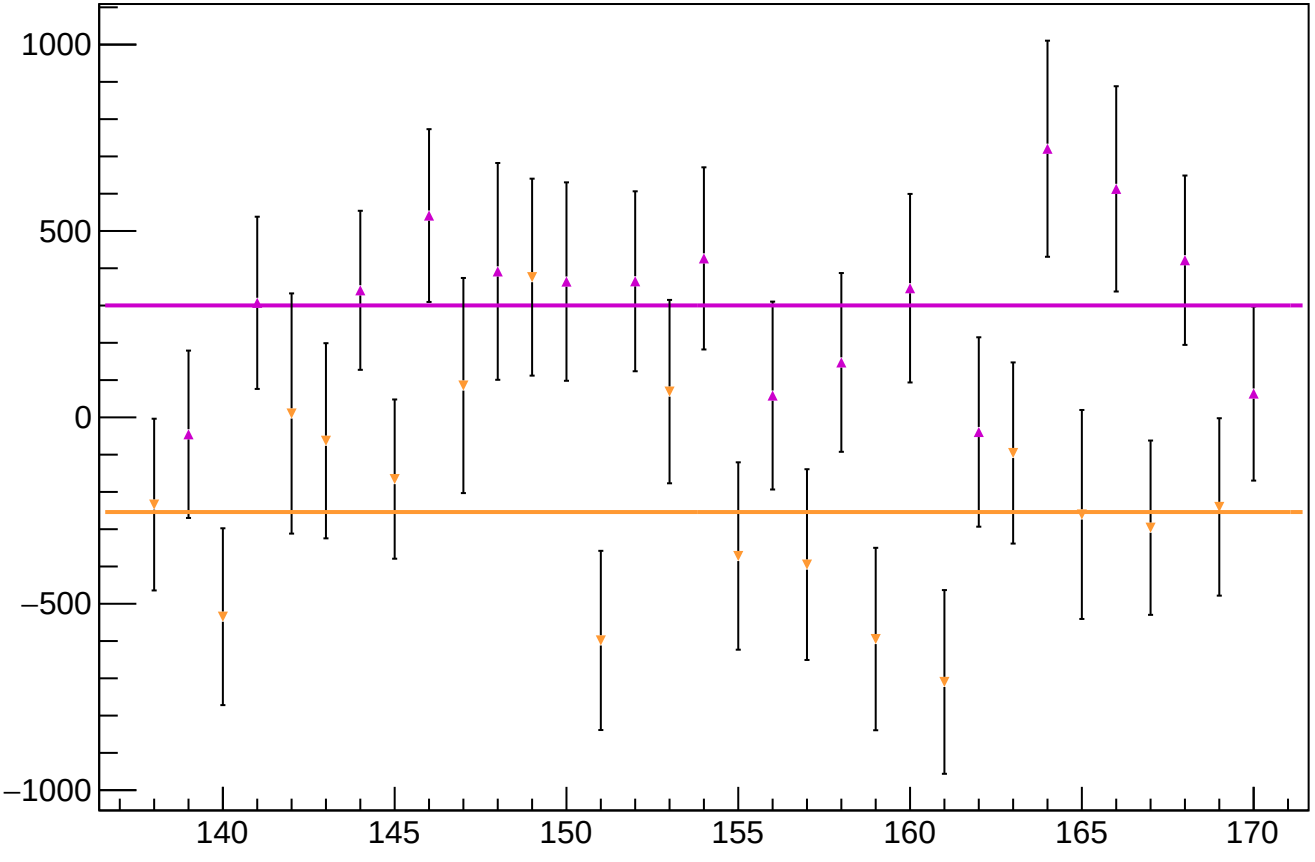
Left In: 649.162+/-0.131 χ^2/NDF:362927.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 652.805+/-0.093 χ^2/NDF: 626615.4/32

- 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: -253.947+/-60.539 χ^2/NDF:20.0/16

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

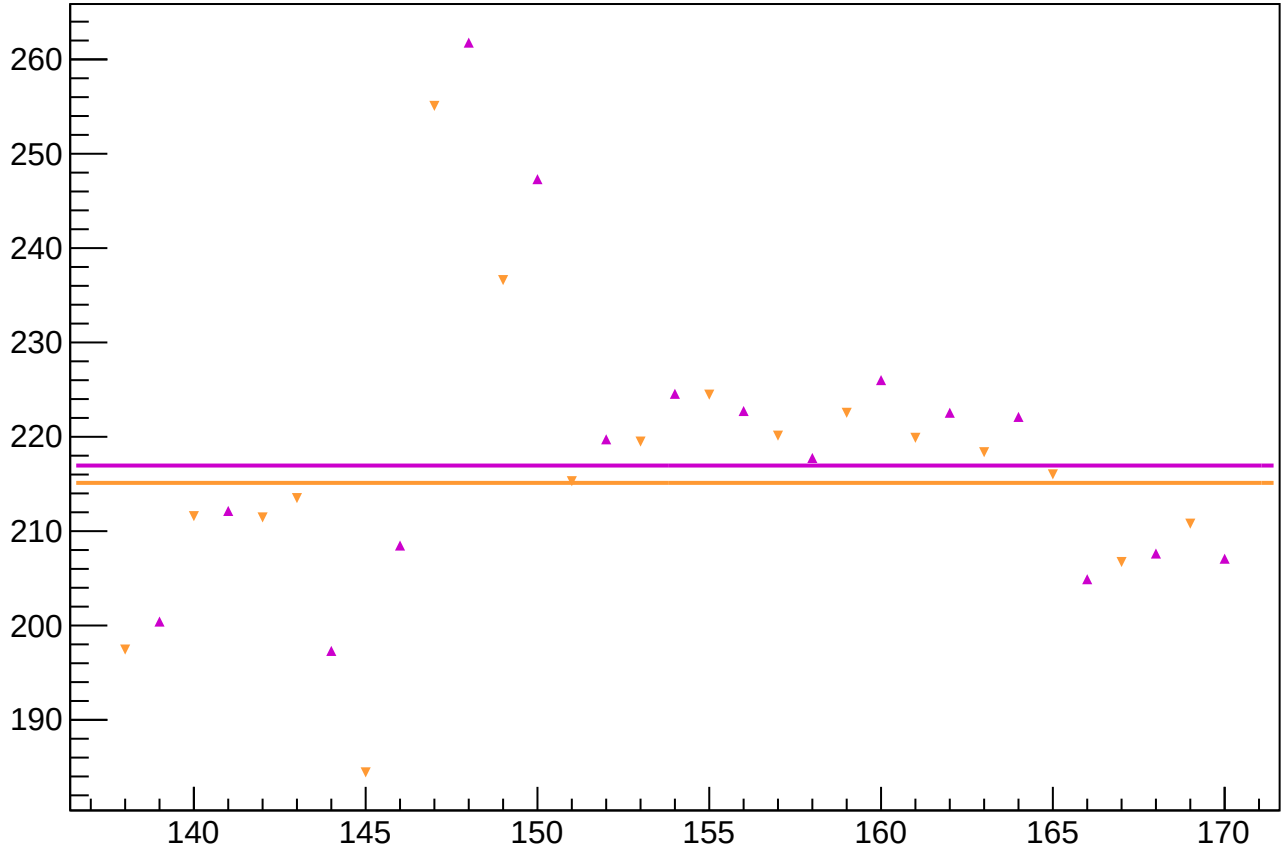
Left In: 300.298+/-61.300 χ^2/NDF:11.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 19.711+/-43.074 χ^2/NDF: 73.2/32

- 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: 215.117+/-0.043 χ^2/NDF:115777.8/16

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

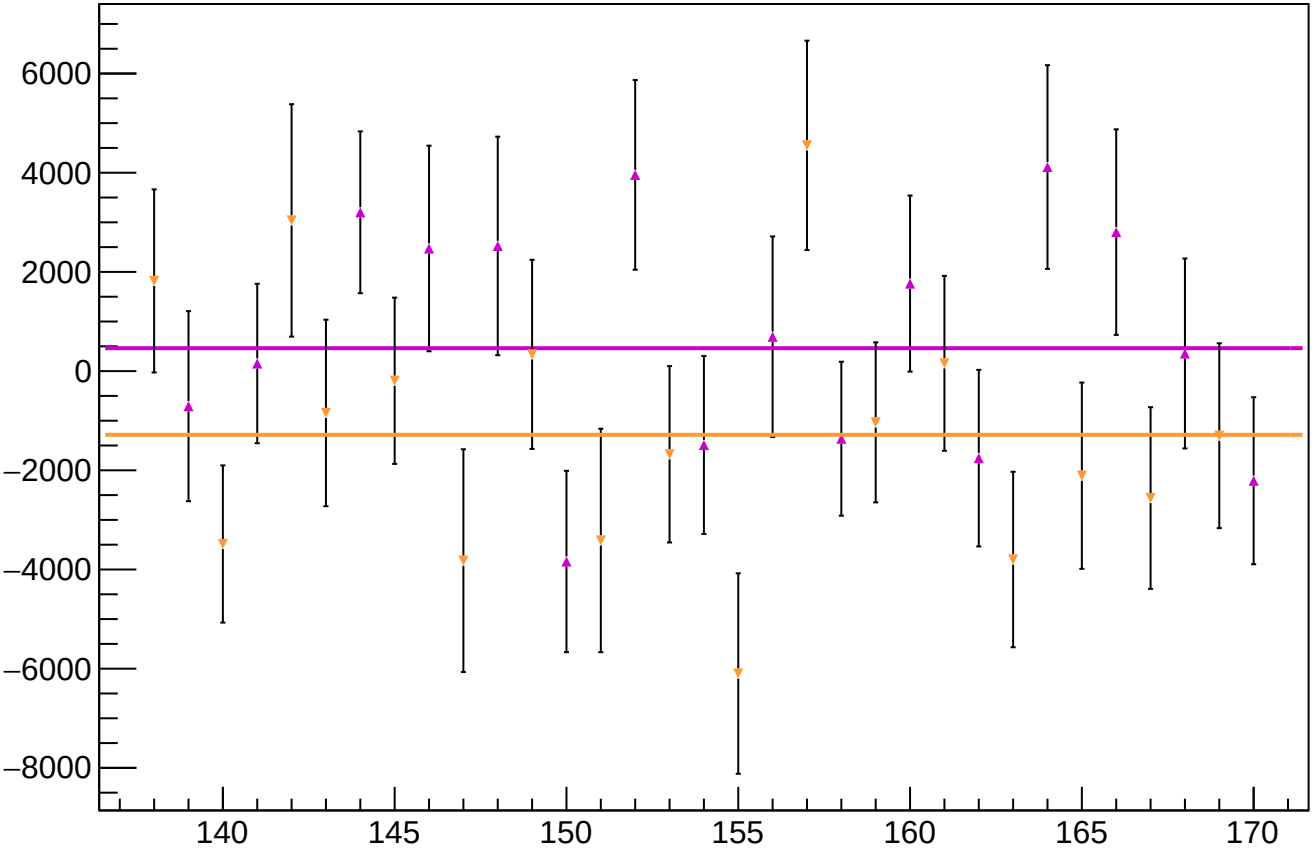
Left In: 216.954+/-0.043 χ^2/NDF:123119.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 216.024+/-0.030 χ^2/NDF: 239807.1/32

- 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: -1284.009+/-453.470 χ^2/NDF:28.3/16

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

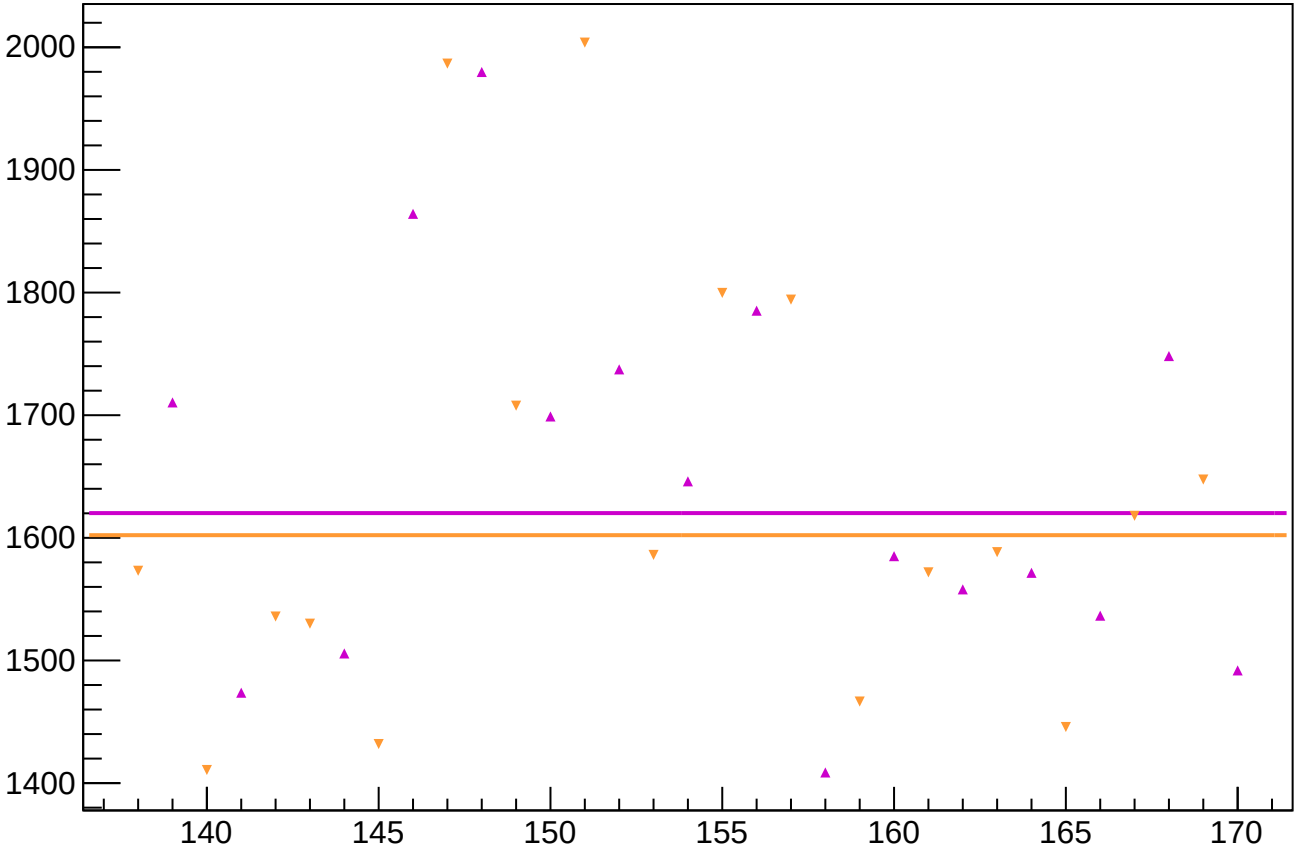
Left In: 462.172+/-459.095 χ^2/NDF:25.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -421.682+/-322.622 χ^2/NDF: 61.2/32

- 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: 1602.175+/-0.321 χ^2/NDF:249062.7/16

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

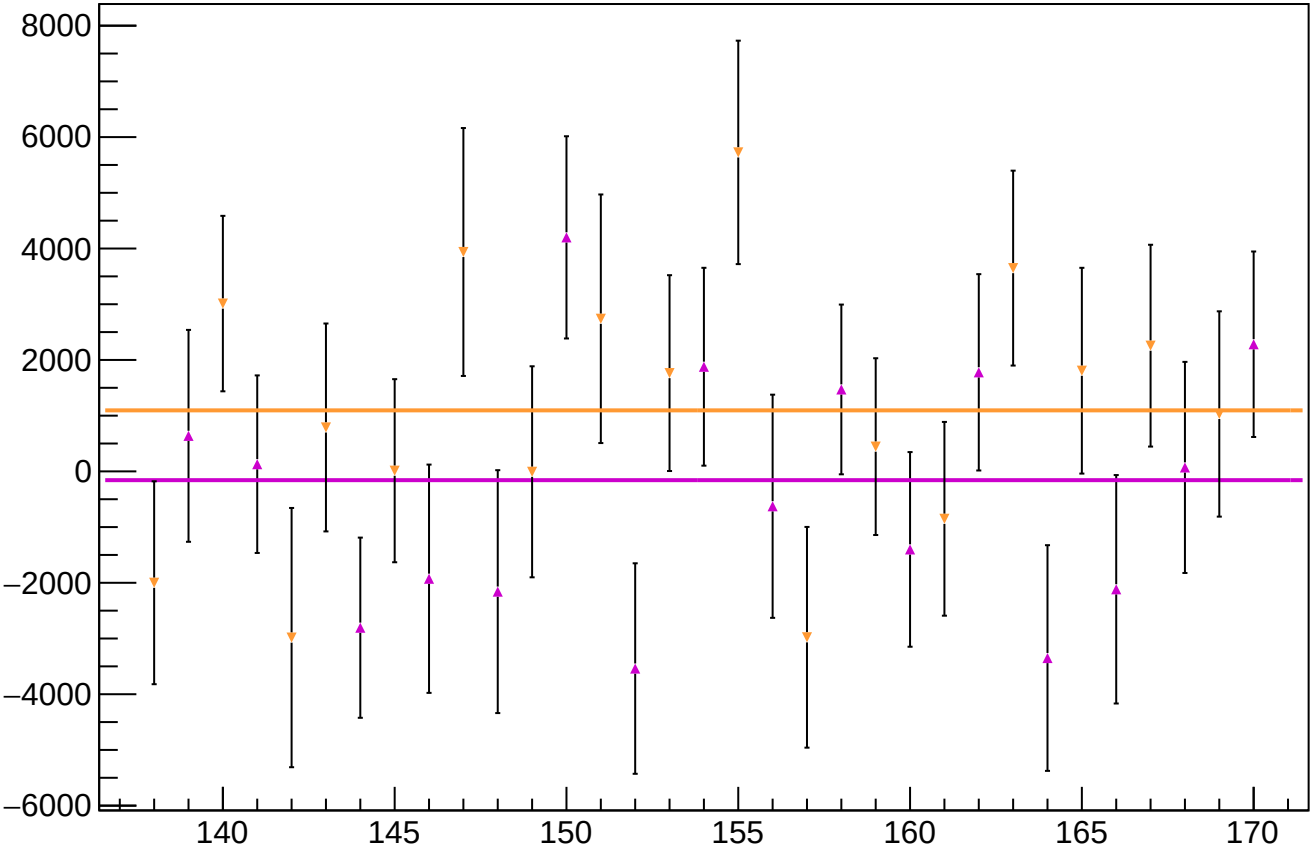
Left In: 1620.182+/-0.325 χ^2/NDF:202160.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1611.068+/-0.228 χ^2/NDF: 452780.5/32

- 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: 1095.078+/-447.059 χ^2/NDF:24.2/16

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

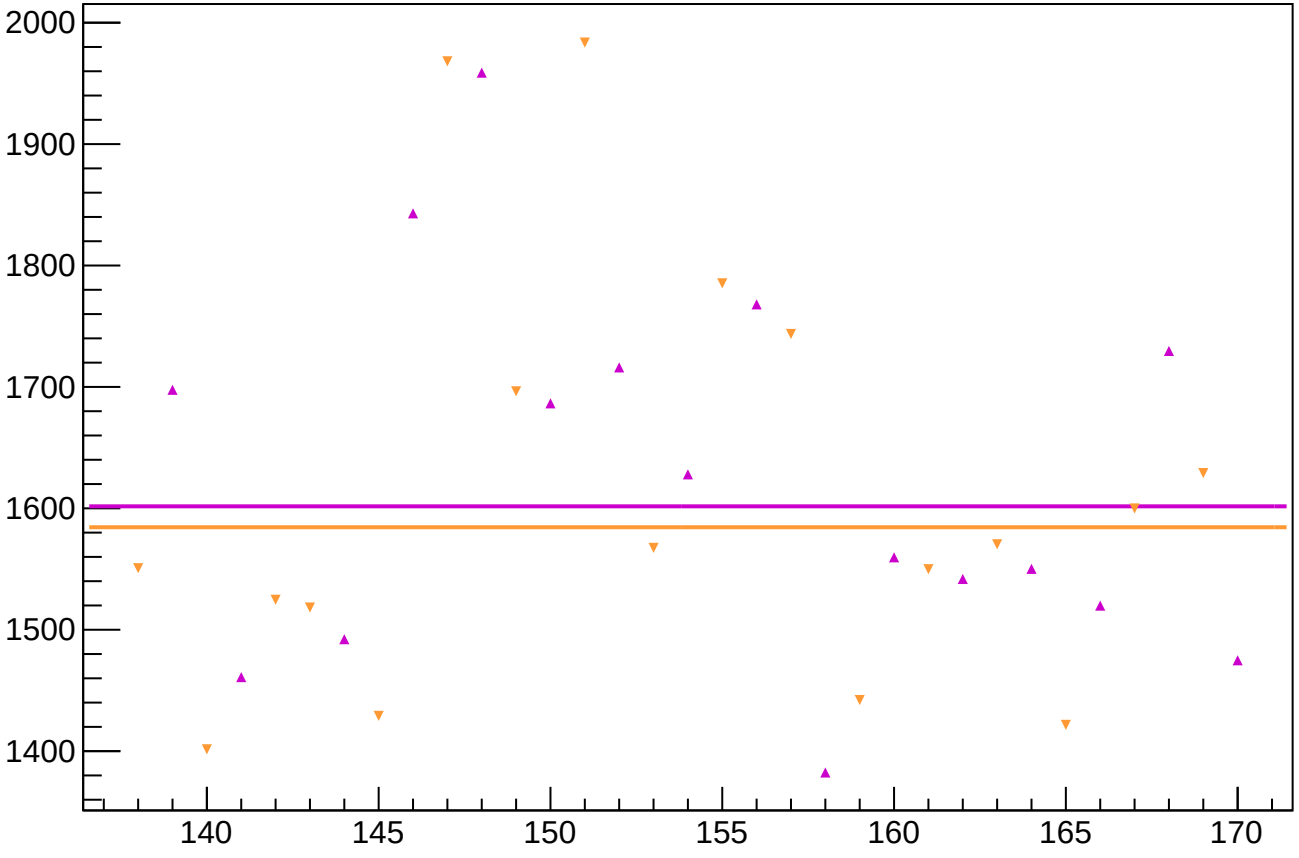
Left In: -157.715+/-453.929 χ^2/NDF:23.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 478.233+/-318.520 χ^2/NDF: 51.3/32

- 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: 1584.429+/-0.316 χ^2/NDF:246920.0/16

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

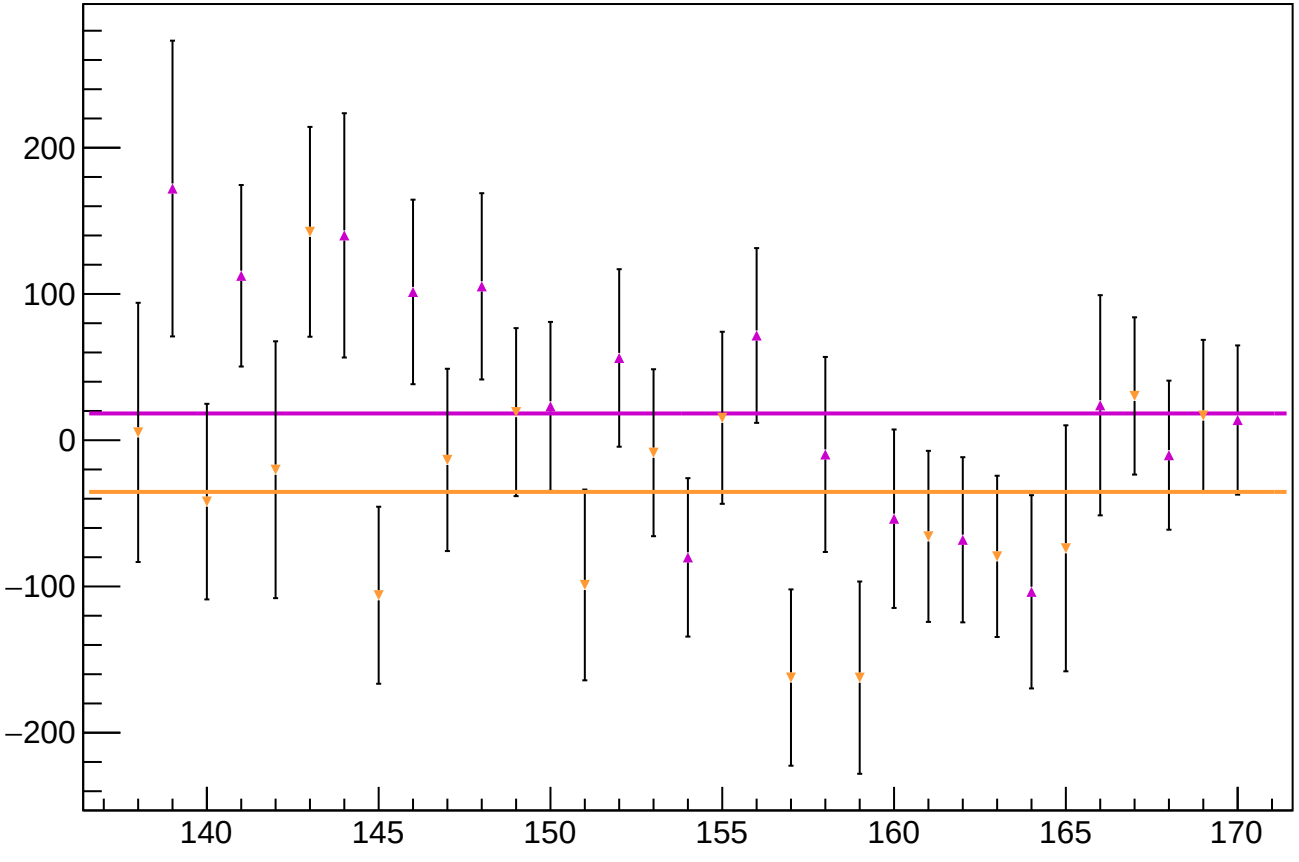
Left In: 1601.656+/-0.321 χ^2/NDF:207303.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1592.911+/-0.225 χ^2/NDF: 455685.6/32

- 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: -35.337+/-15.201 χ^2/NDF:22.5/16

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

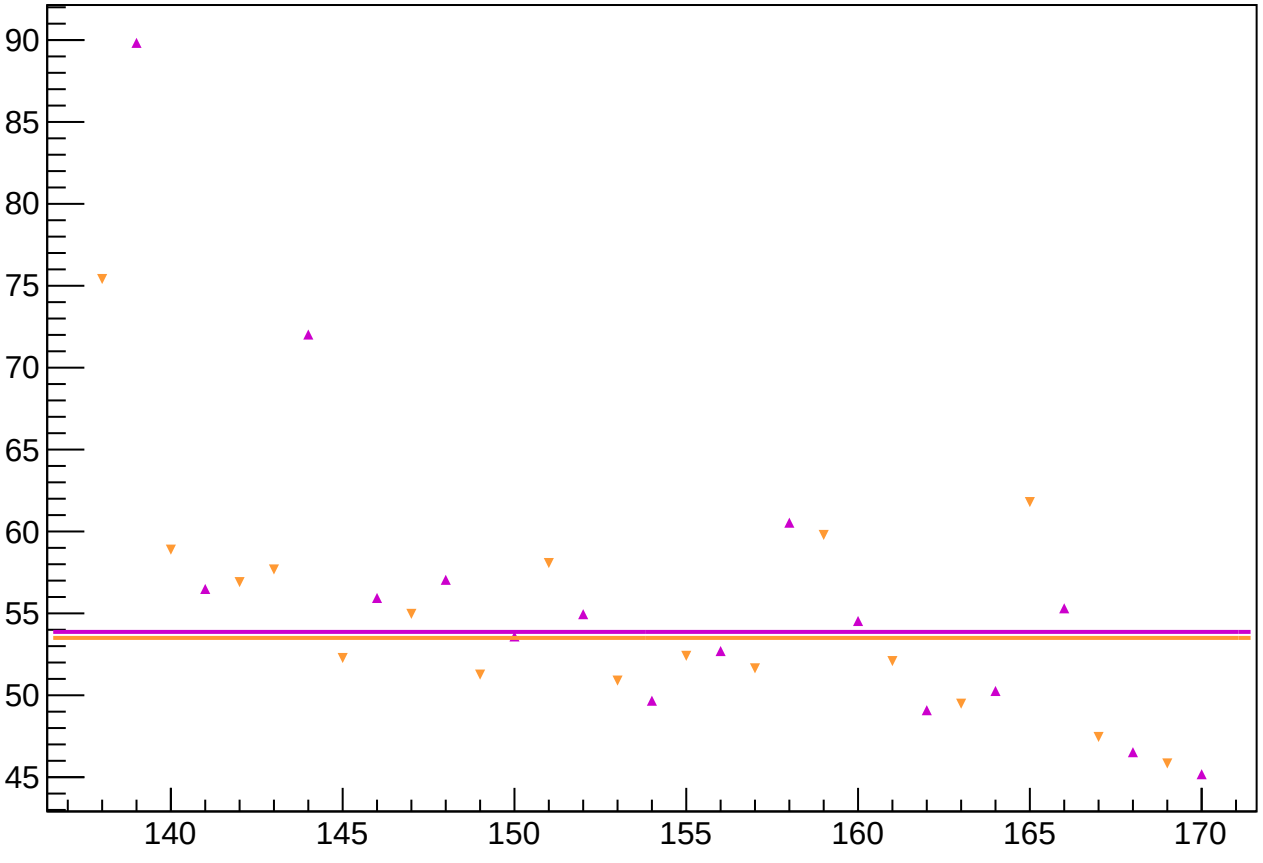
Left In: 18.304+/-15.481 χ^2/NDF:22.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.006+/-10.846 χ^2/NDF: 51.1/32

- 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: 53.502+/-0.011 χ^2/NDF:285187.3/16

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

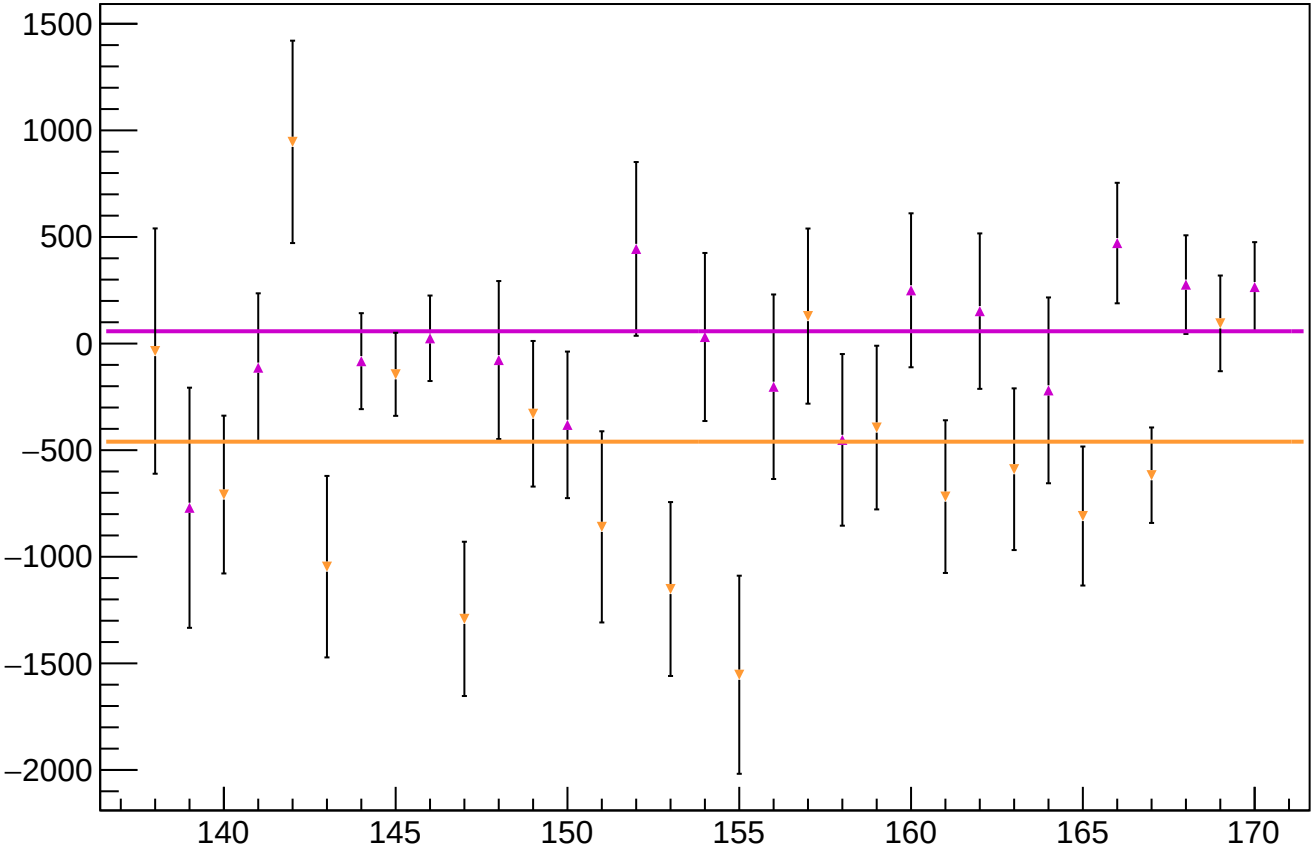
Left In: 53.870+/-0.011 χ^2/NDF:512424.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 53.682+/-0.008 χ^2/NDF: 798185.7/32

- 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: -460.133+/-80.291 χ^2/NDF:39.4/16

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

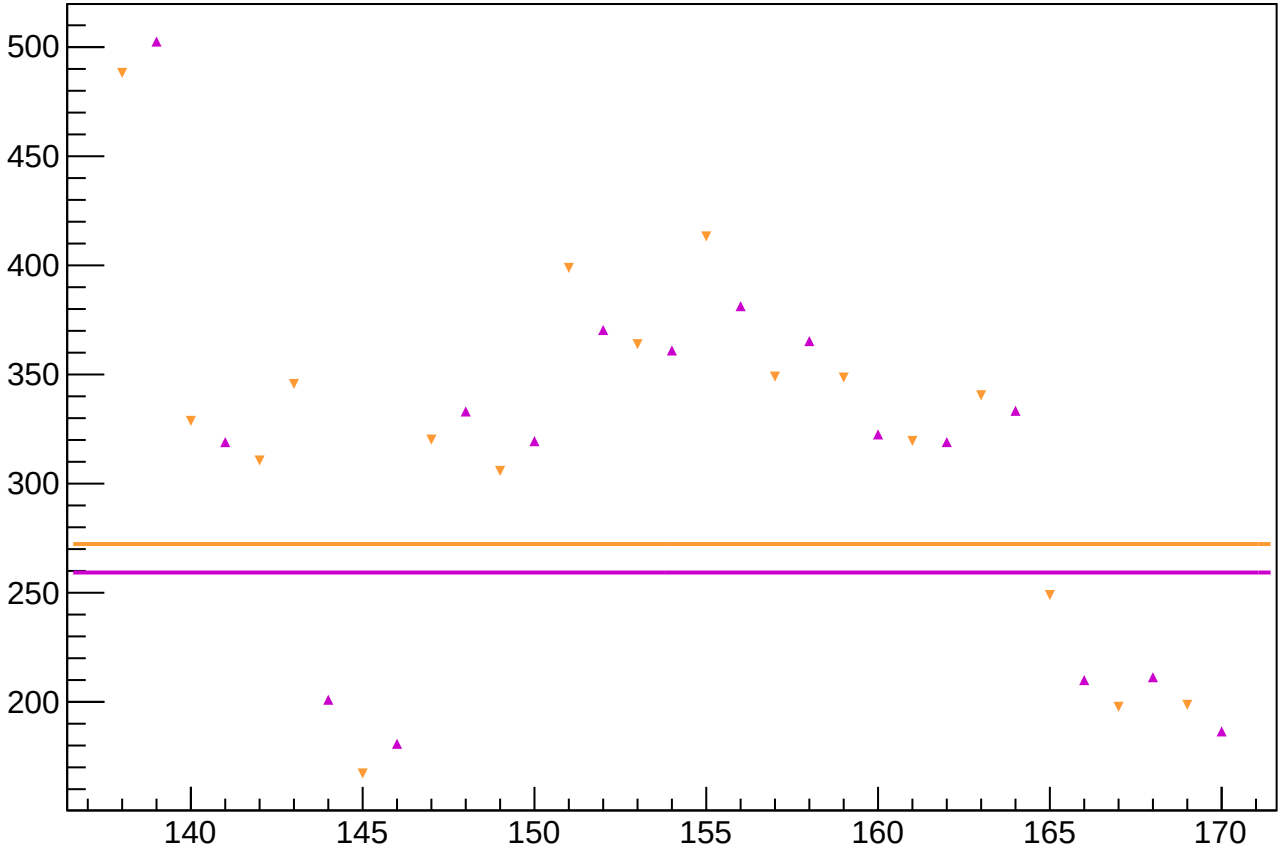
Left In: 57.767+/-76.707 χ^2/NDF:12.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -189.366+/-55.464 χ^2/NDF: 73.4/32

- 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: 272.316+/-0.057 χ^2/NDF:2176624.4/16

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

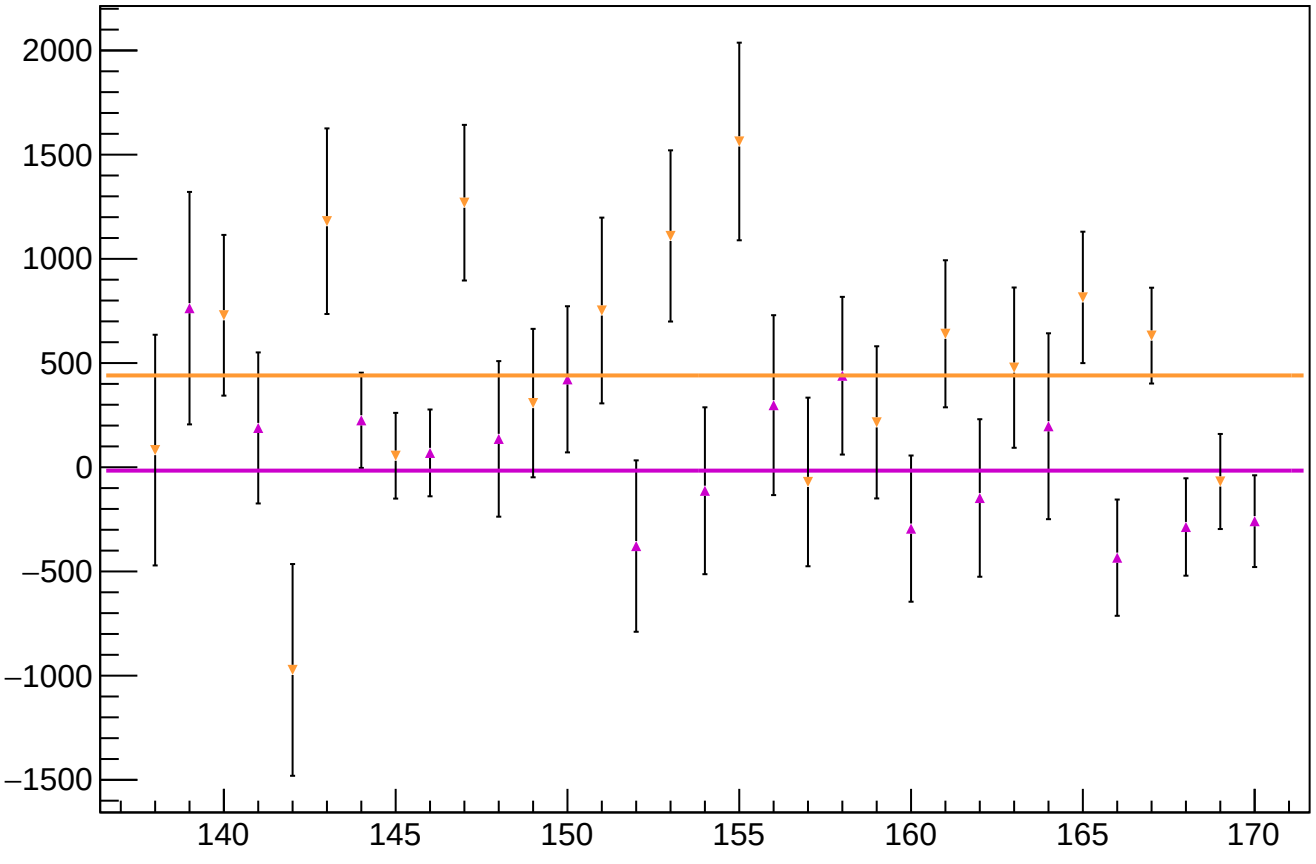
Left In: 259.274+/-0.054 χ^2/NDF:2151799.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 265.498+/-0.039 χ^2/NDF: 4356009.6/32

- 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: 440.578+/-81.756 χ^2/NDF:38.2/16

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

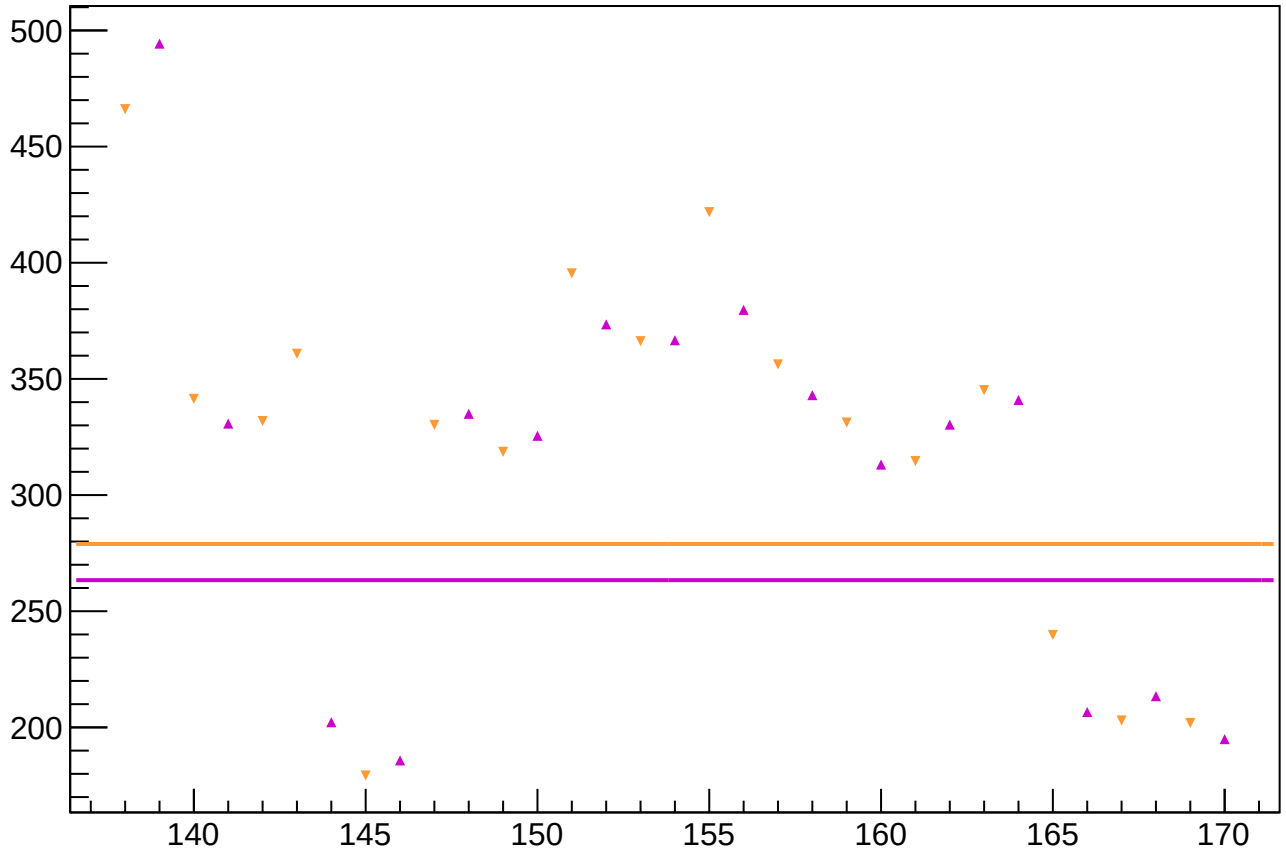
Left In: -16.155+/-77.896 χ^2/NDF:13.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 201.176+/-56.396 χ^2/NDF: 68.4/32

- 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: 278.946+/-0.058 χ^2/NDF:1981977.0/16

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

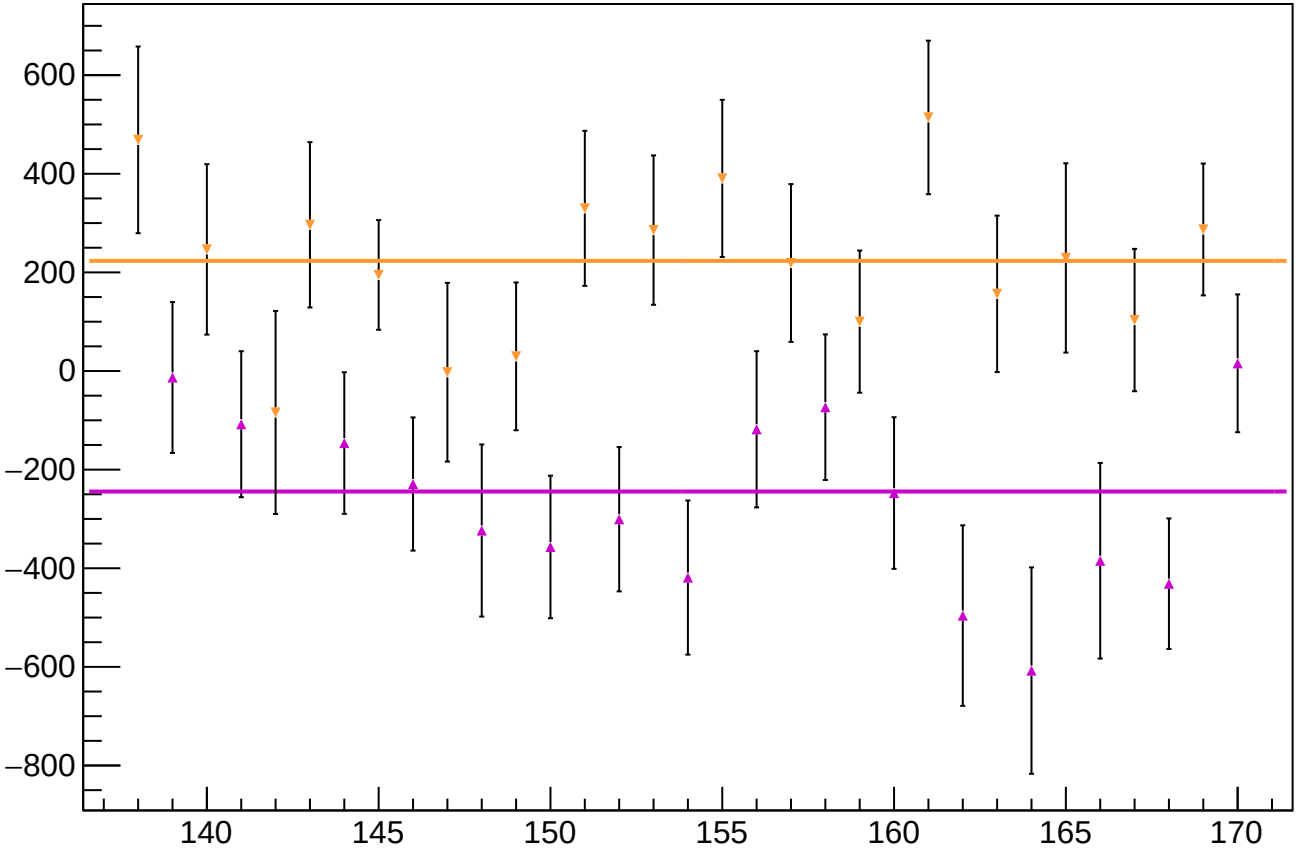
Left In: 263.365+/-0.055 χ^2/NDF:2010664.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 270.779+/-0.040 χ^2/NDF: 4030713.8/32

- 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: 223.358+/-37.824 χ^2/NDF:14.5/16

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

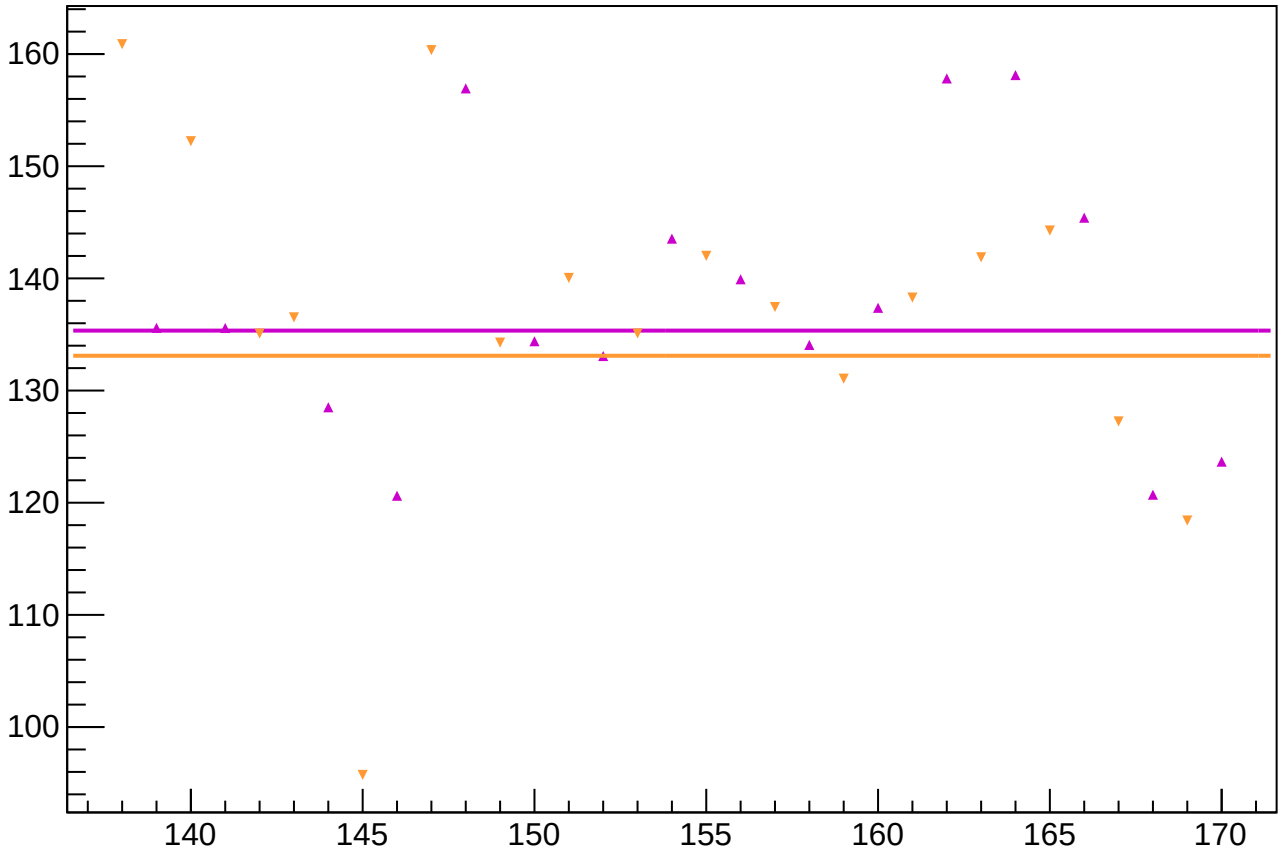
Left In: -244.382+/-38.505 χ^2/NDF:18.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.342+/-26.983 χ^2/NDF: 108.2/32

- 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: 133.103+/-0.027 χ^2/NDF:394482.4/16

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

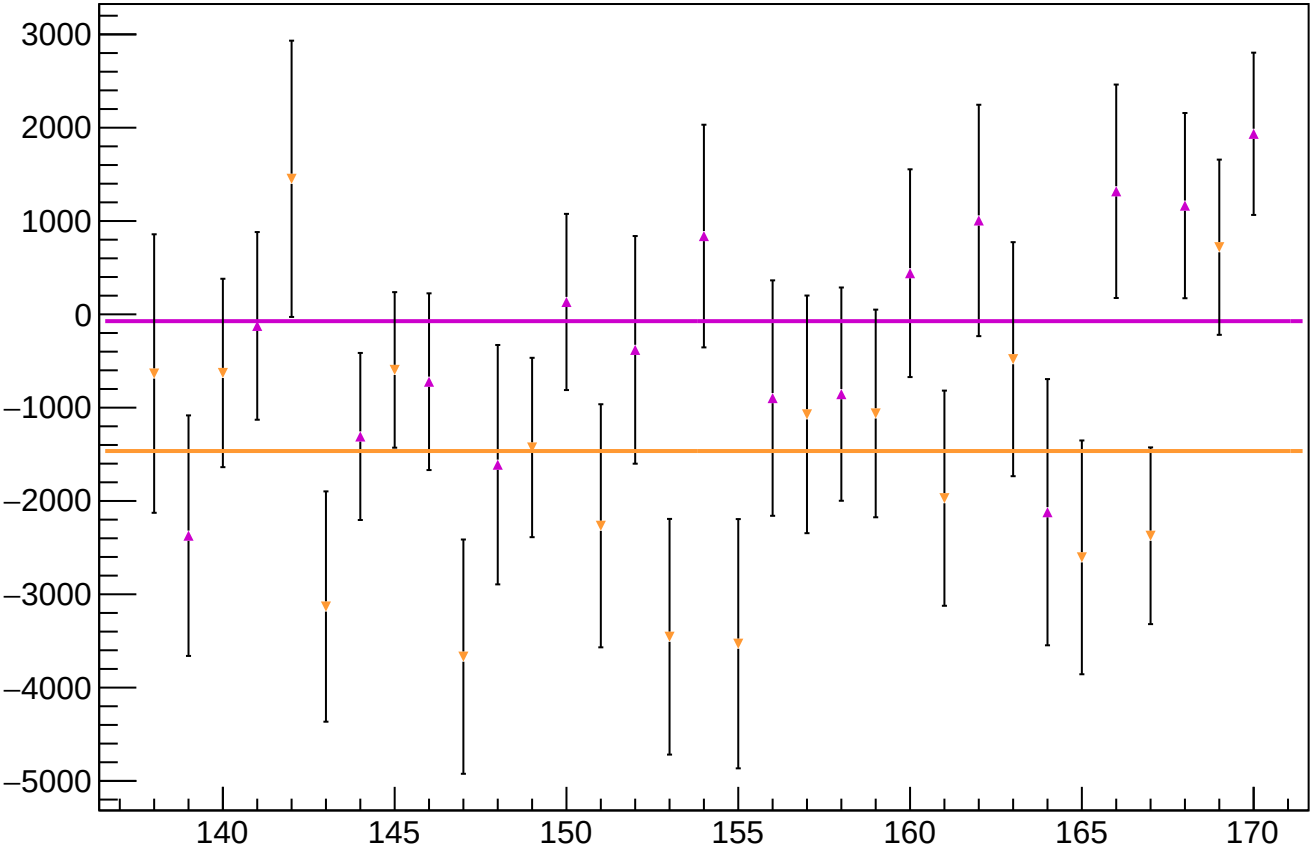
Left In: 135.345+/-0.027 χ^2/NDF:164565.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 134.204+/-0.019 χ^2/NDF: 562498.9/32

- 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: -1464.880+/-275.474 χ^2/NDF:24.3/16

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

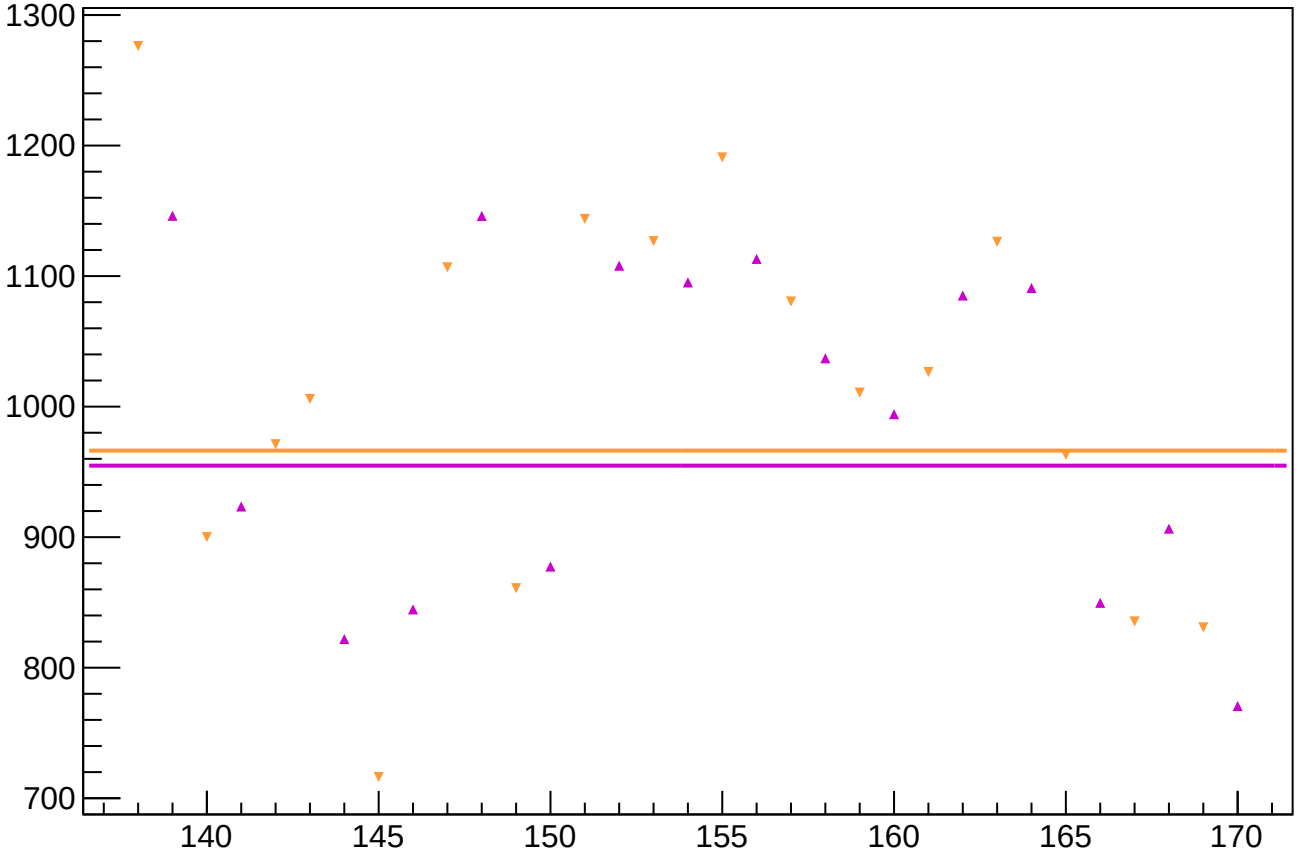
Left In: -73.041+/-272.120 χ^2/NDF:20.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -760.434+/-193.593 χ^2/NDF: 57.2/32

- 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: 966.309+/-0.195 χ^2/NDF:589208.5/16

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

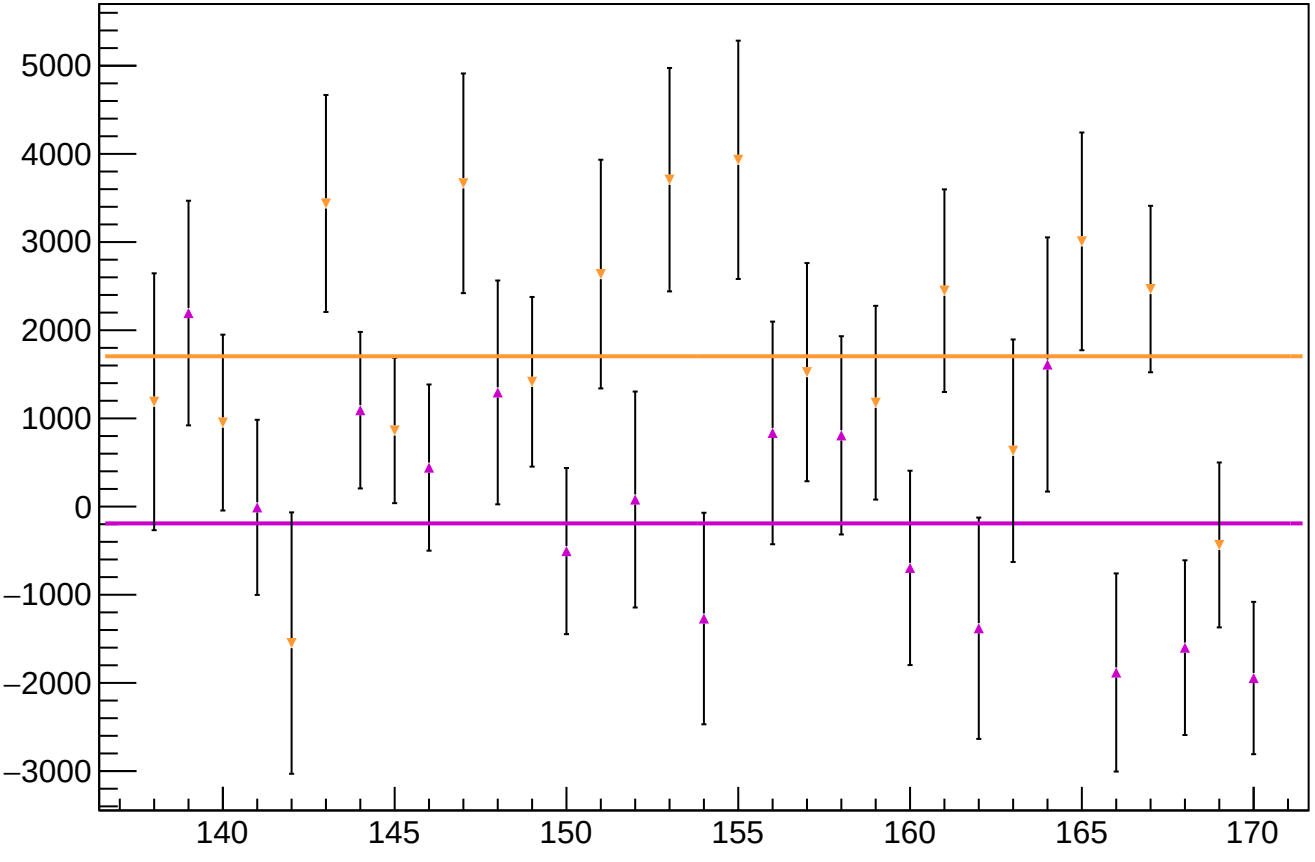
Left In: 954.783+/-0.192 χ^2/NDF:430321.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 960.475+/-0.137 χ^2/NDF: 1021301.6/32

- 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: 1704.674+/-273.769 χ^2/NDF:25.2/16

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

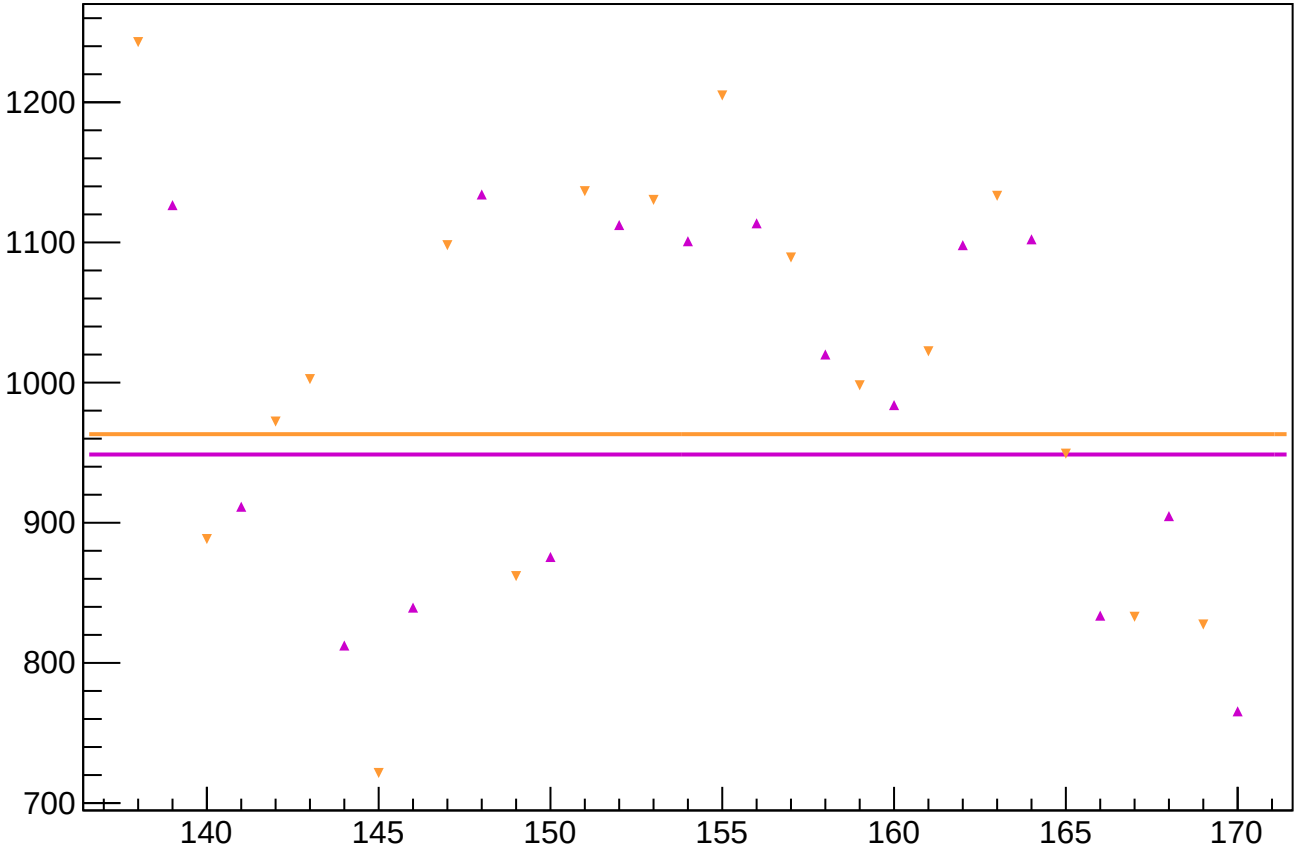
Left In: -190.679+/-270.730 χ^2/NDF:21.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 746.421+/-192.500 χ^2/NDF: 70.4/32

- 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: 963.207+/-0.194 χ^2/NDF:584107.1/16

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

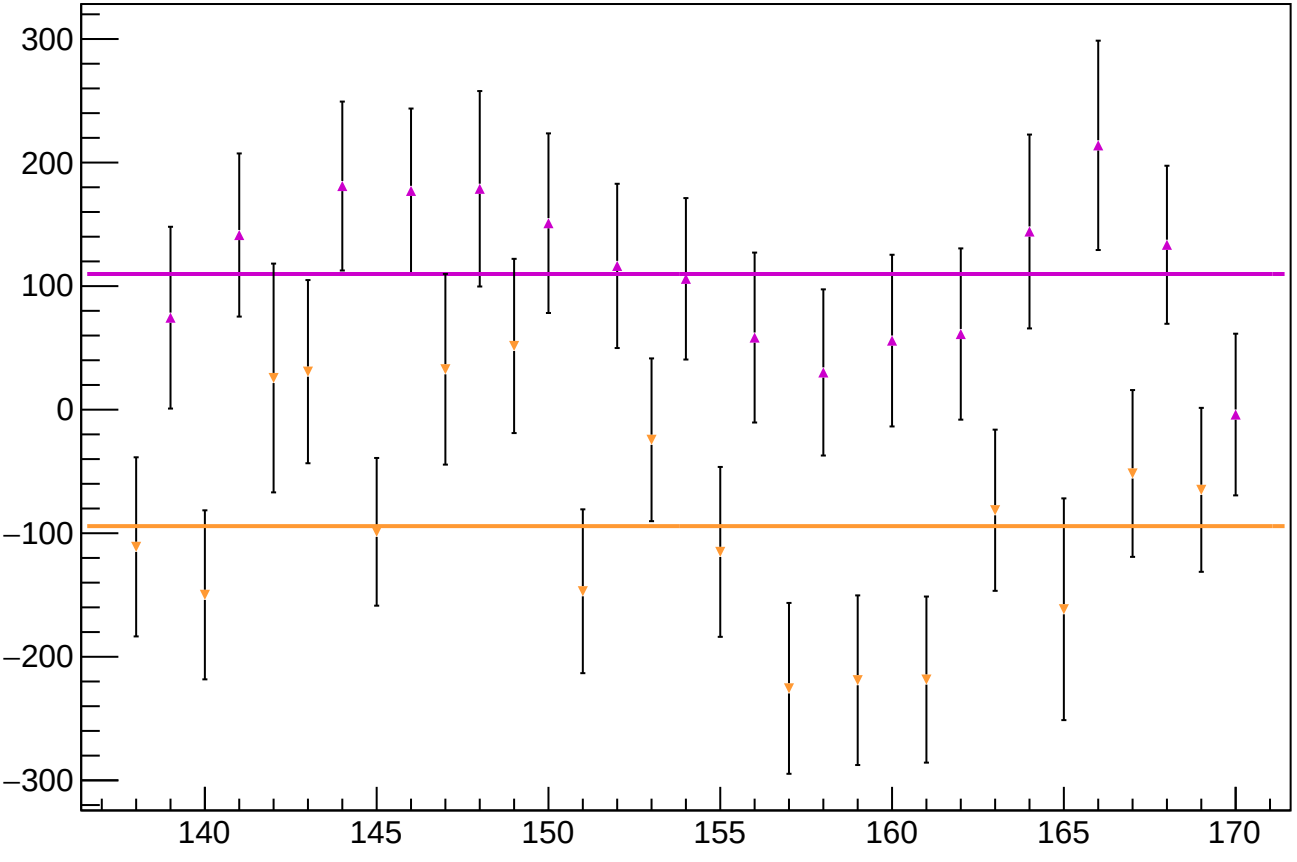
Left In: 948.697+/-0.191 χ^2/NDF:448670.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 955.871+/-0.136 χ^2/NDF: 1035617.6/32

- 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: -94.252+/-16.977 χ^2/NDF:25.6/16

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

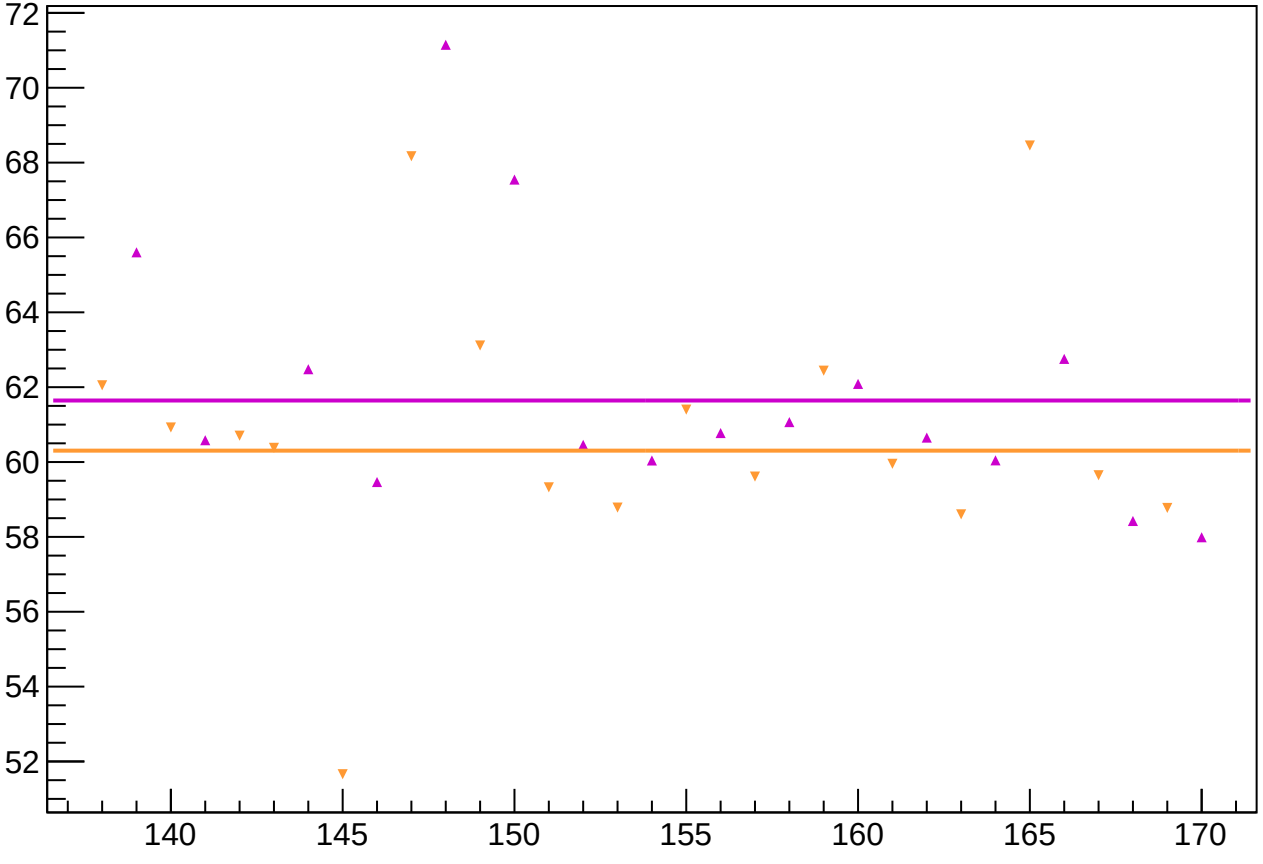
Left In: 109.810+/-17.432 χ^2/NDF:11.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.079+/-12.162 χ^2/NDF: 107.5/32

- 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: 60.304+/-0.012 χ^2/NDF:90478.6/16

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

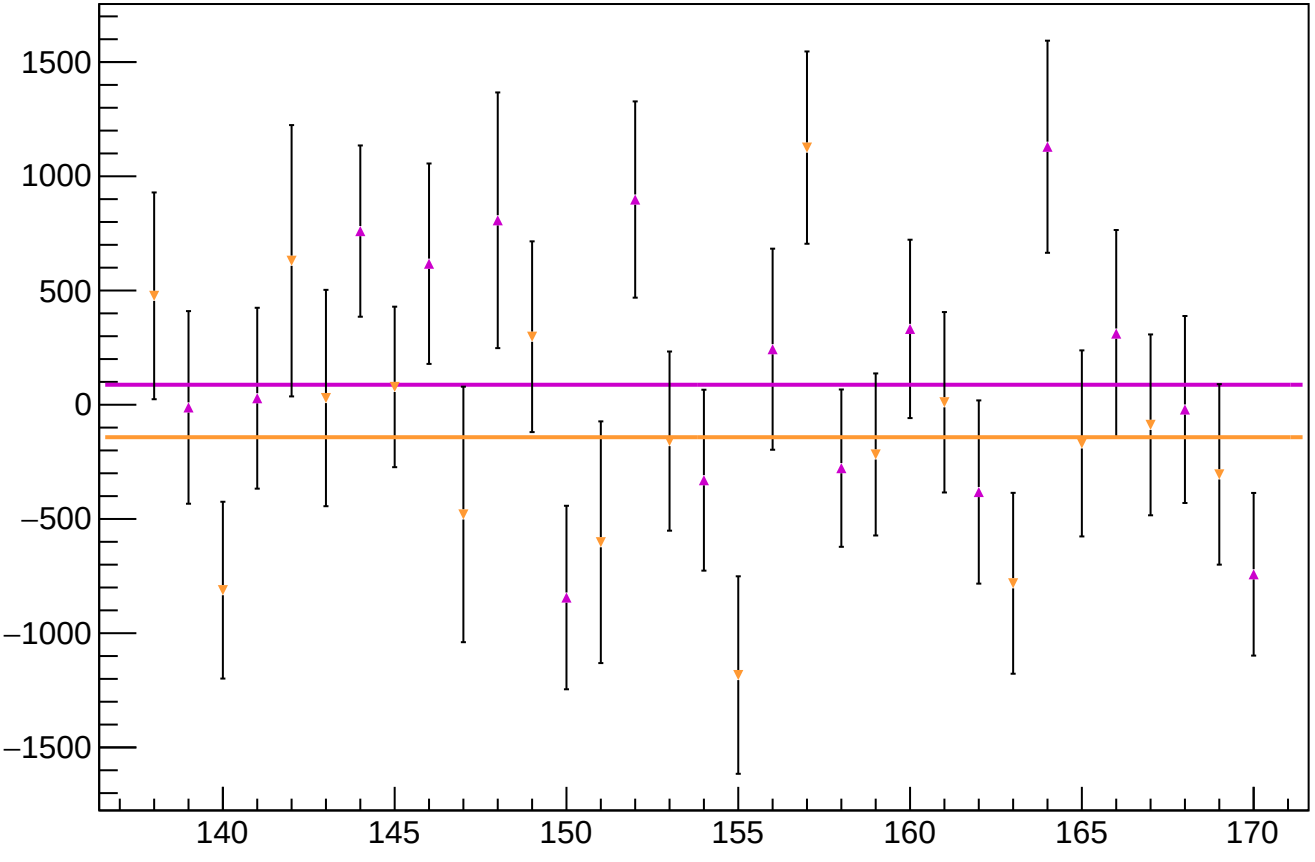
Left In: 61.644+/-0.012 χ^2/NDF:66083.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 60.957+/-0.009 χ^2/NDF: 162623.0/32

- 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: -142.084+/-101.782 χ^2/NDF:27.2/16

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

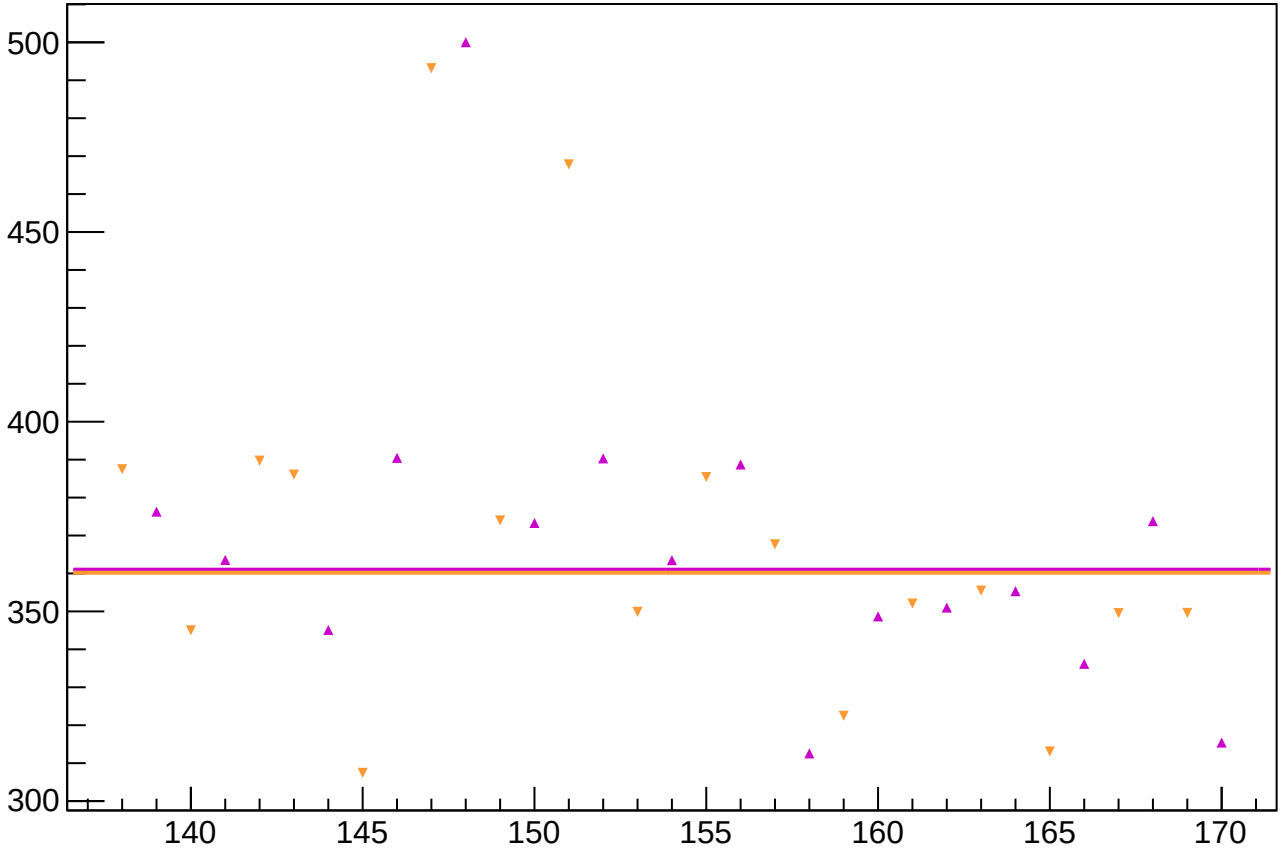
Left In: 87.521+/-102.462 χ^2/NDF:30.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -28.046+/-72.210 χ^2/NDF: 60.0/32

- 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: 360.202+/-0.072 χ^2/NDF:326656.0/16

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

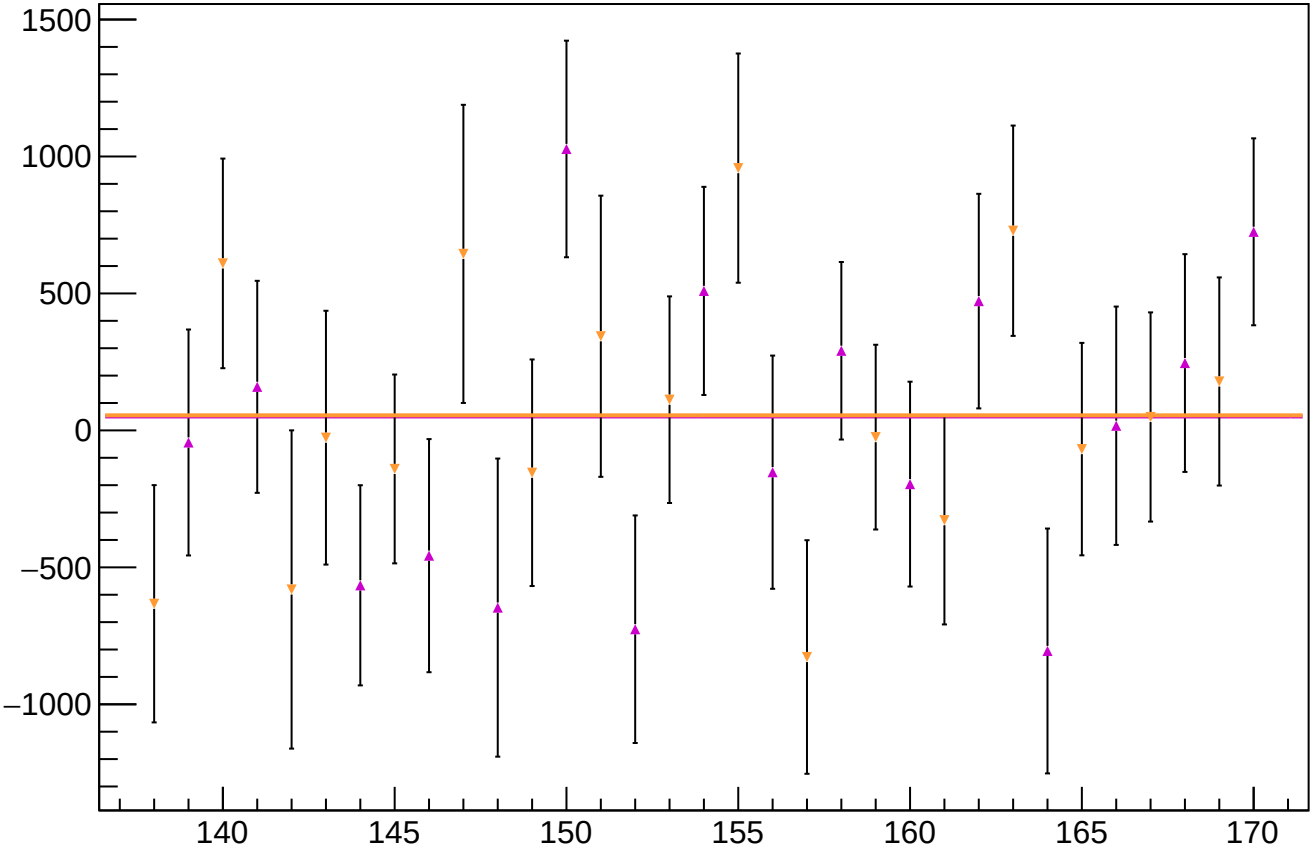
Left In: 360.996+/-0.072 χ^2/NDF:241839.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 360.596+/-0.051 χ^2/NDF: 568556.3/32

- 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: 54.993+/-98.834 χ^2/NDF:21.2/16

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

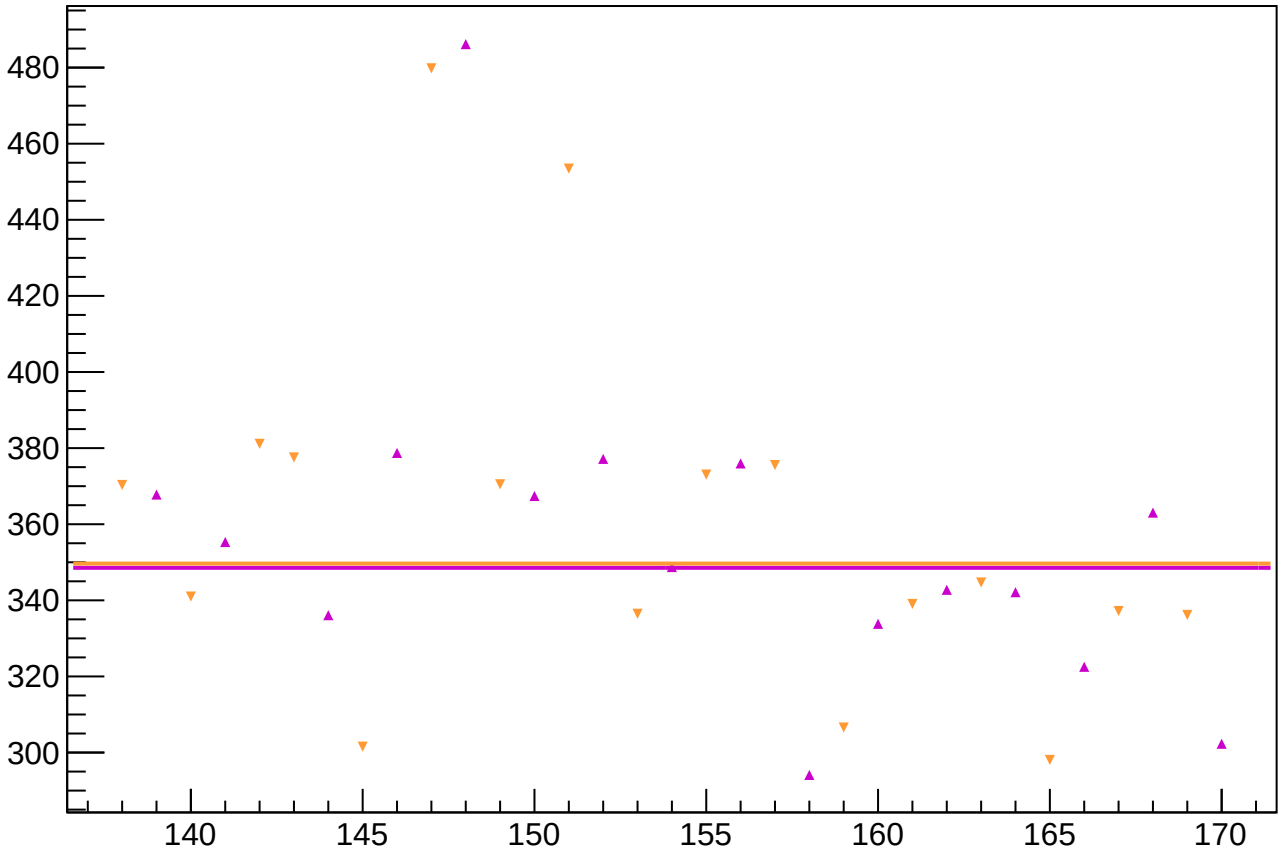
Left In: 50.913+/-99.026 χ^2/NDF:27.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 52.957+/-69.954 χ^2/NDF: 48.5/32

- 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: 349.657+/-0.070 χ^2/NDF:349565.8/16

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

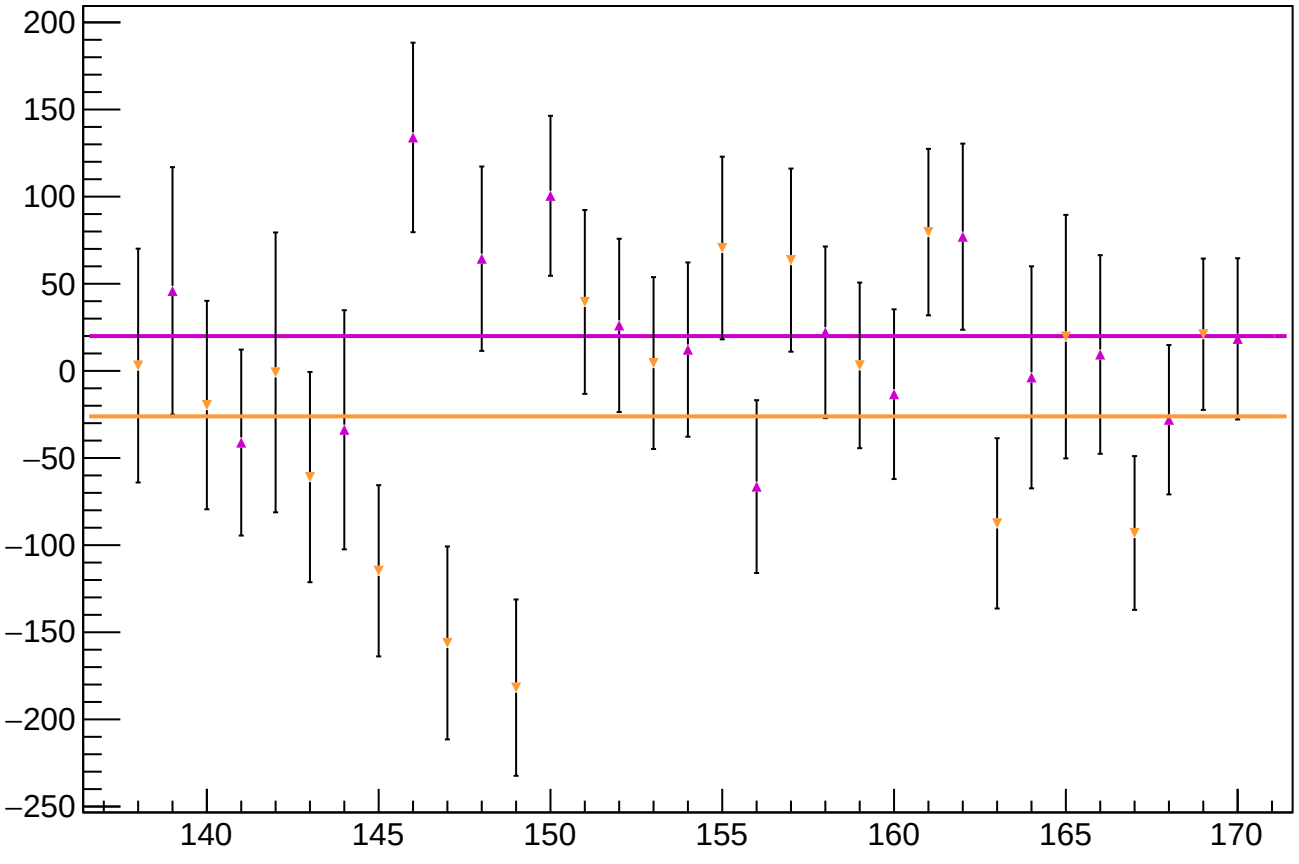
Left In: 348.547+/-0.070 χ^2/NDF:274501.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 349.103+/-0.049 χ^2/NDF: 624193.2/32

- 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: -26.083+/-12.795 χ^2/NDF:37.9/16

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

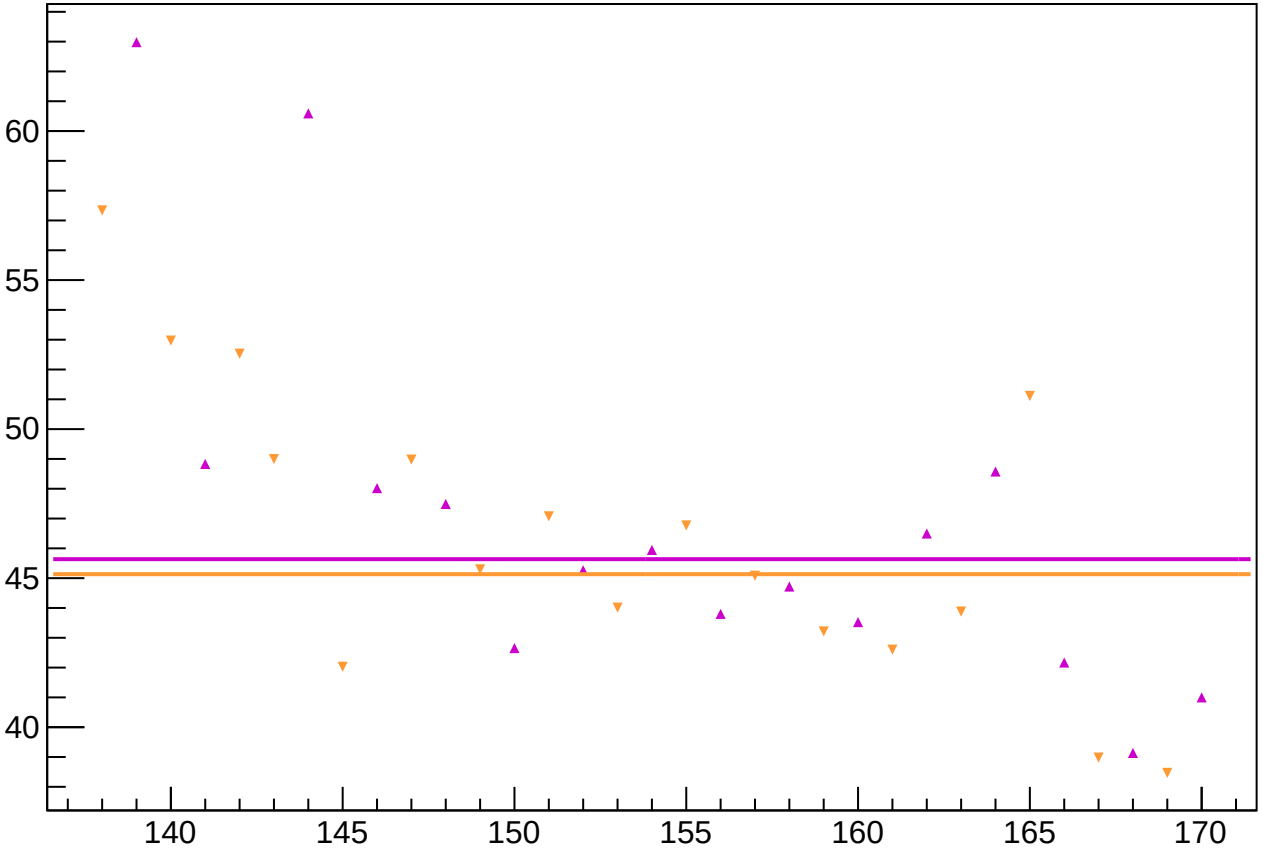
Left In: 19.972+/-13.027 χ^2/NDF:16.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.468+/-9.128 χ^2/NDF: 60.6/32

- 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: 45.133+/-0.009 χ^2/NDF:259898.1/16

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

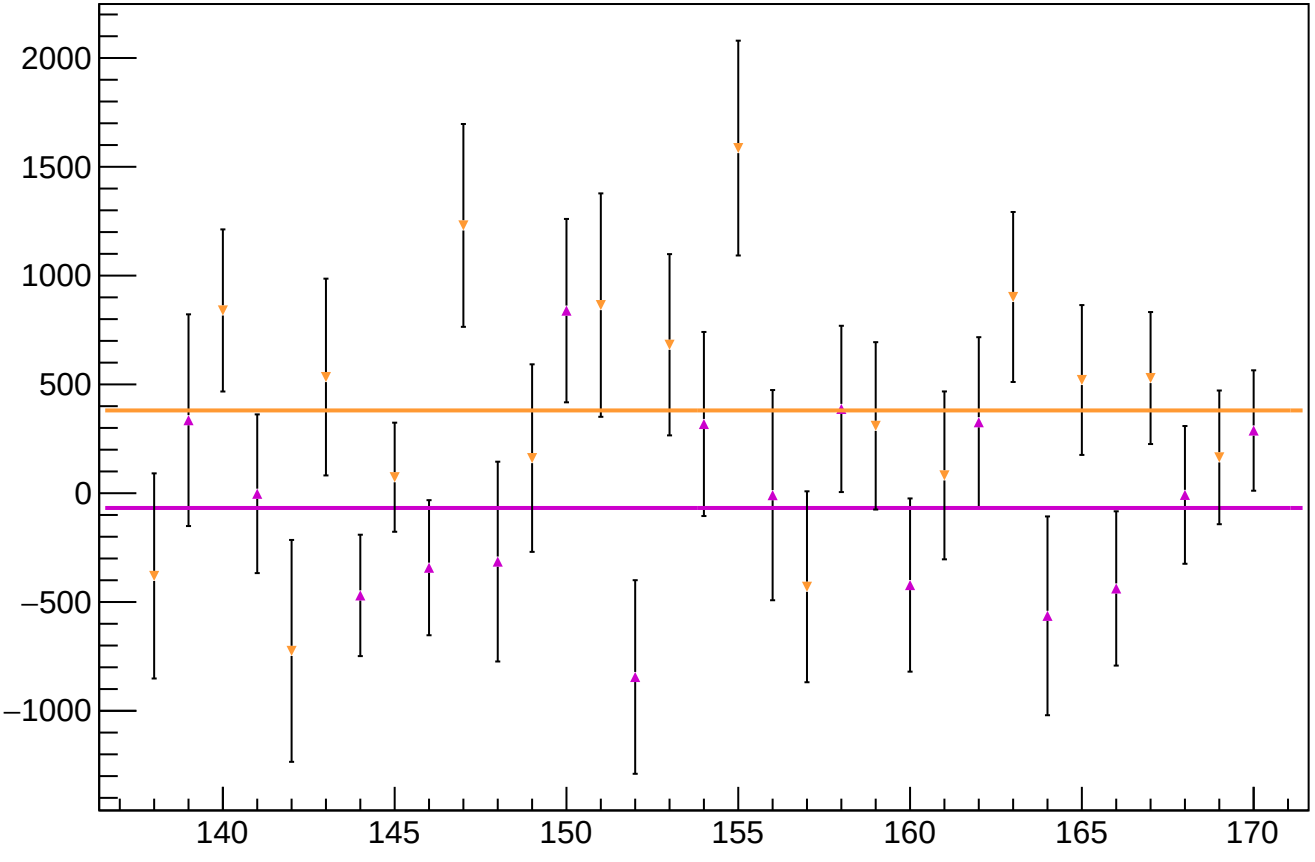
Left In: 45.637+/-0.009 χ^2/NDF:321868.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 45.381+/-0.006 χ^2/NDF: 583291.5/32

- 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: 380.407+/-93.193 χ^2/NDF:28.1/16

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

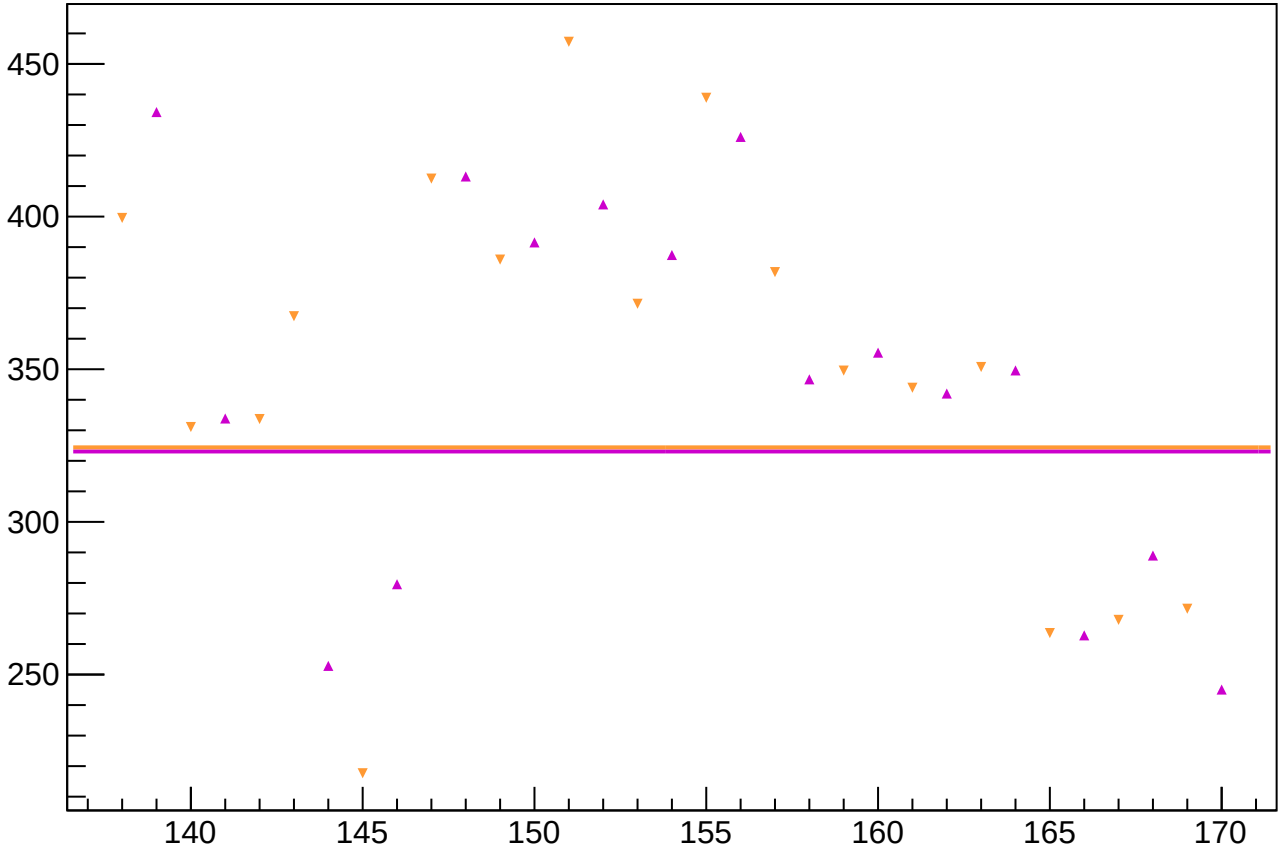
Left In: -67.839+/-92.934 χ^2/NDF:19.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 155.659+/-65.806 χ^2/NDF: 59.3/32

- 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: 324.409+/-0.066 χ^2/NDF:1059991.0/16

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

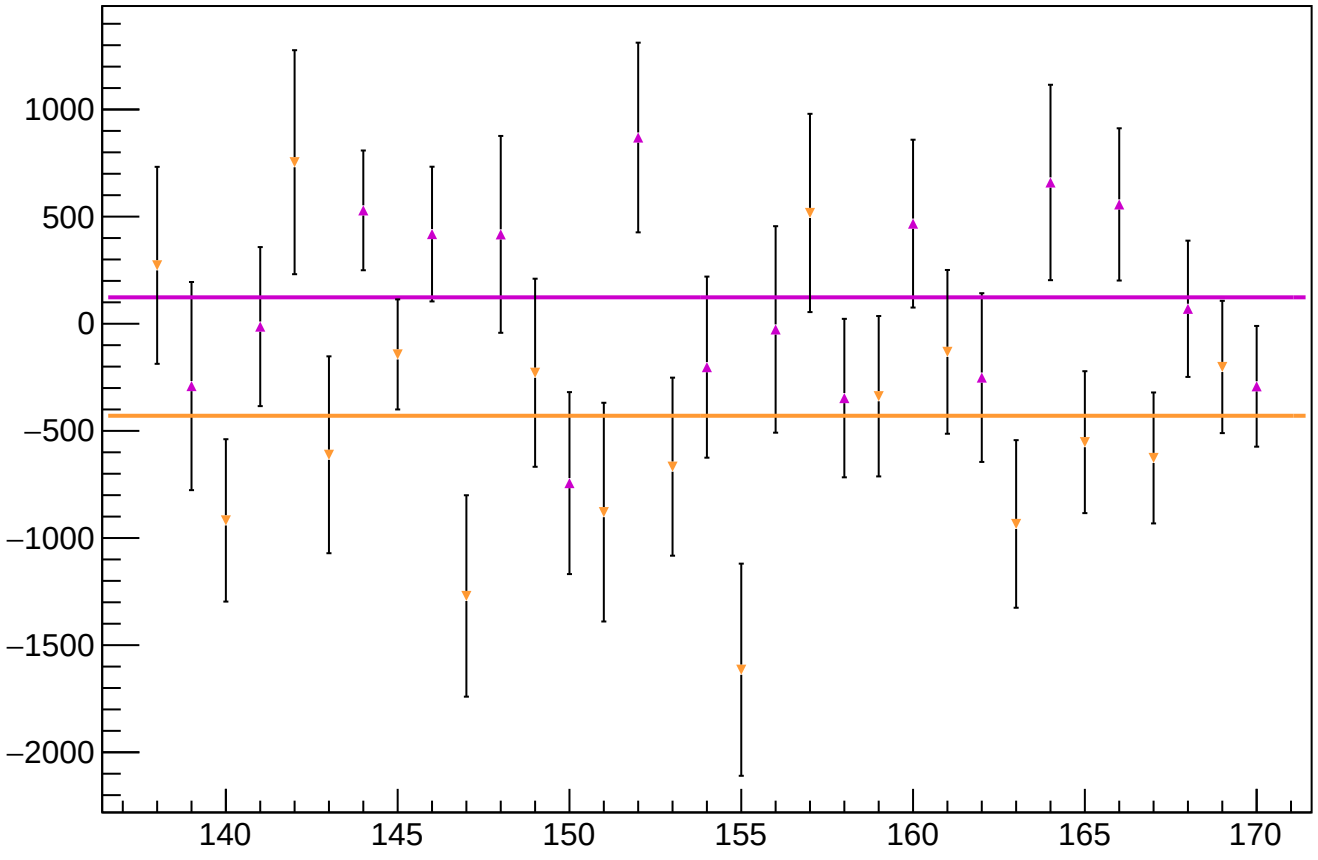
Left In: 323.069+/-0.066 χ^2/NDF:877691.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 323.737+/-0.047 χ^2/NDF: 1937890.3/32

- 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: -429.439+/-93.579 χ^2/NDF:28.4/16

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

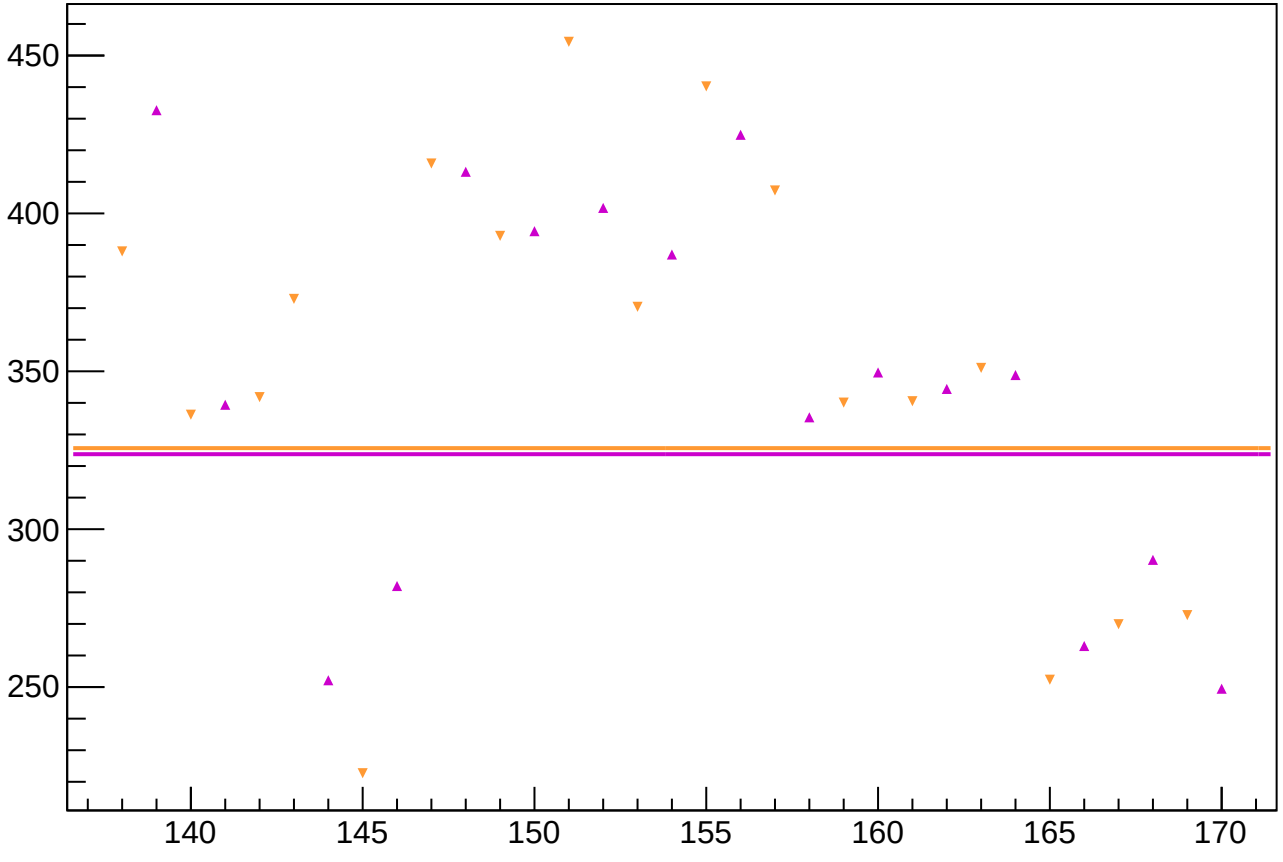
Left In: 123.315+/-93.160 χ^2/NDF:20.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -151.824+/-66.022 χ^2/NDF: 66.2/32

- 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: 325.669+/-0.066 χ^2/NDF:1060614.8/16

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

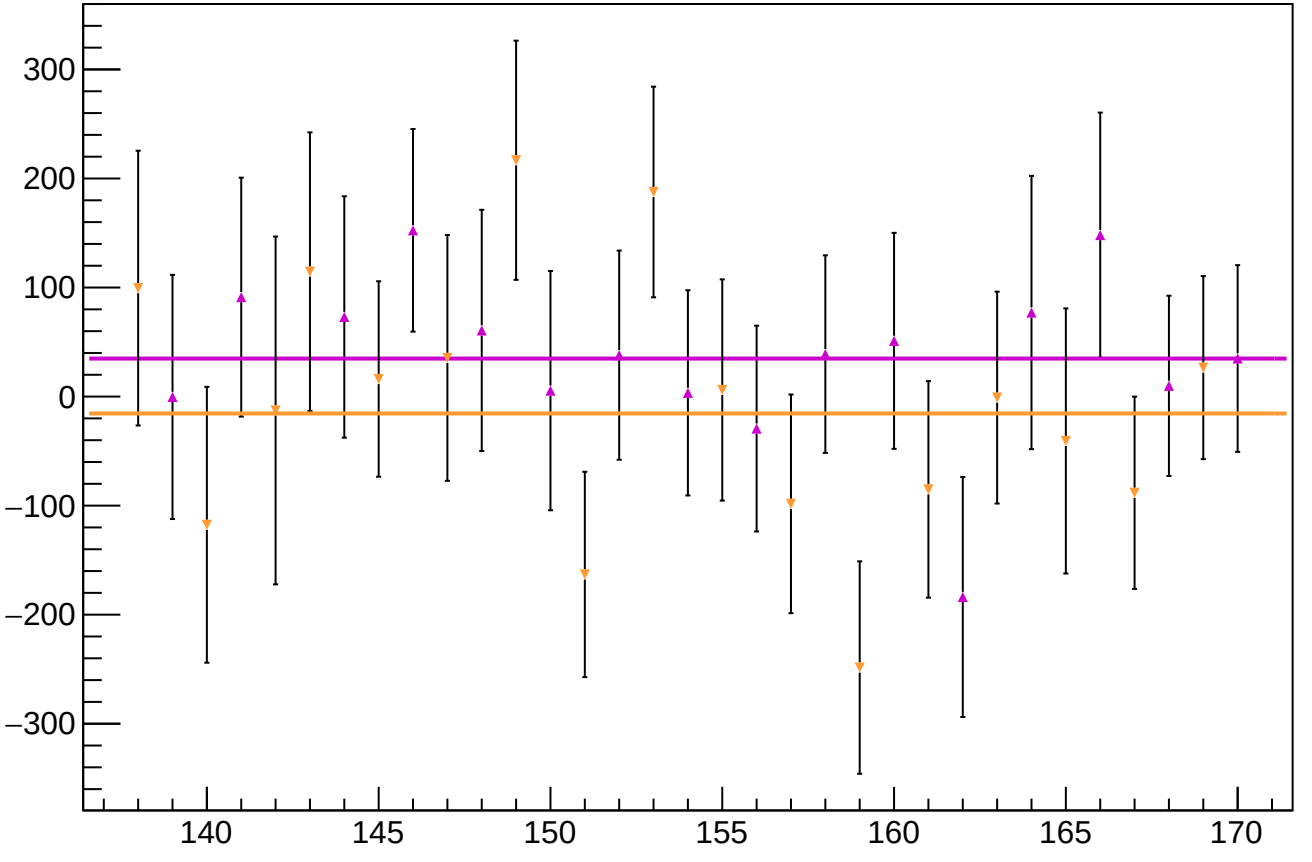
Left In: 323.750+/-0.066 χ^2/NDF:838808.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 324.705+/-0.047 χ^2/NDF: 1899845.4/32

- 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: -15.490+/-25.157 χ^2/NDF:22.2/16

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

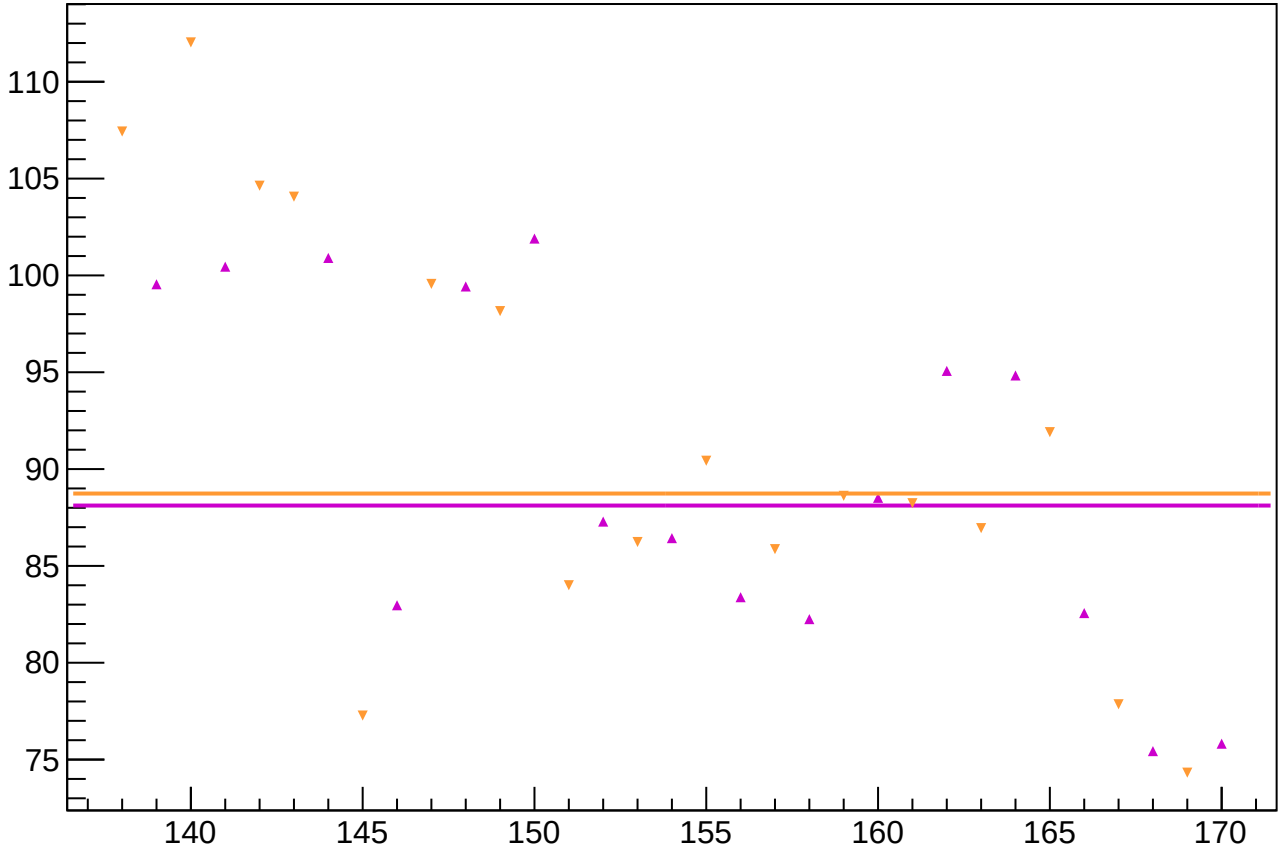
Left In: 34.852+/-25.068 χ^2/NDF:8.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.770+/-17.757 χ^2/NDF: 32.1/32

- 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: 88.737+/-0.018 χ^2/NDF:326599.4/16

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

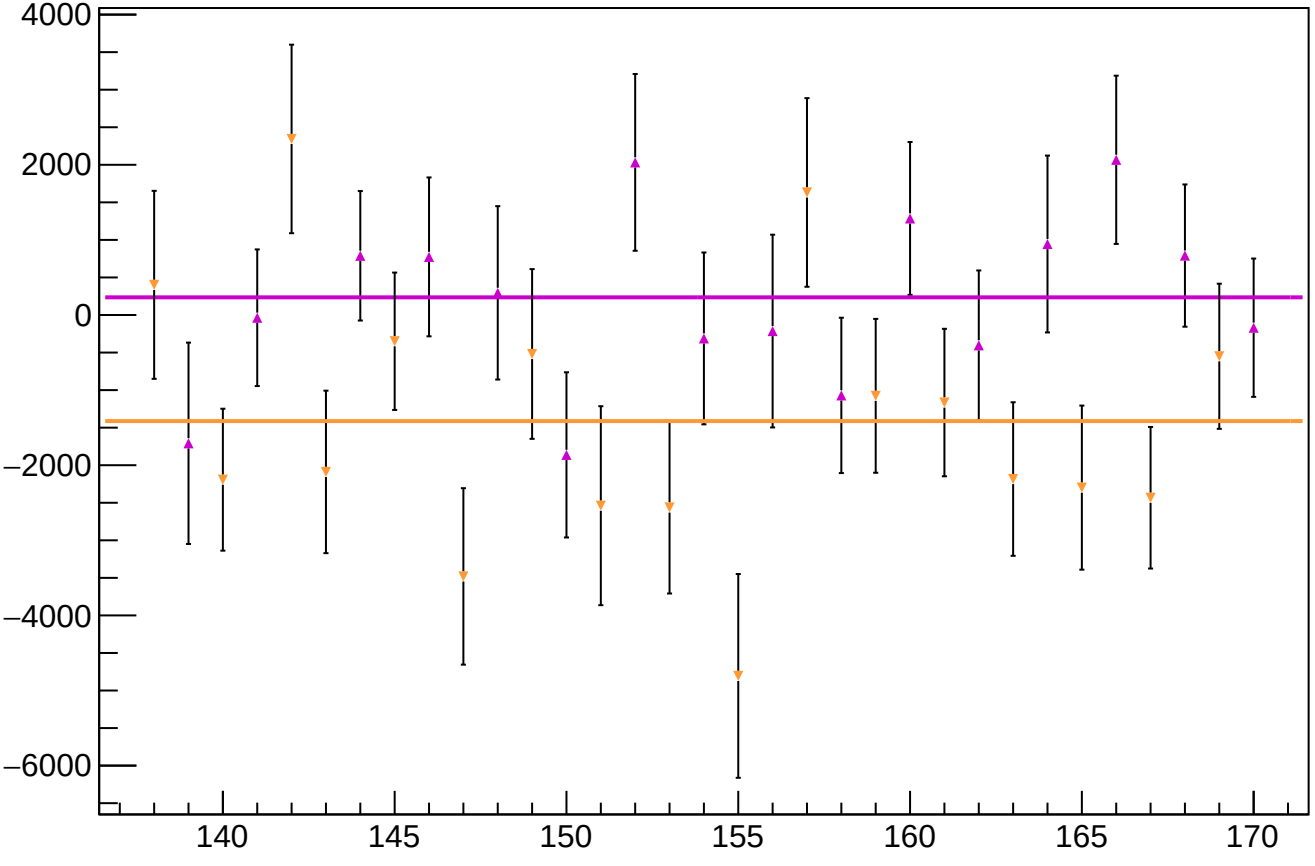
Left In: 88.117+/-0.018 χ^2/NDF:252696.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 88.426+/-0.013 χ^2/NDF: 579906.0/32

- 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: -1412.355+/-263.135 χ^2/NDF:34.4/16

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

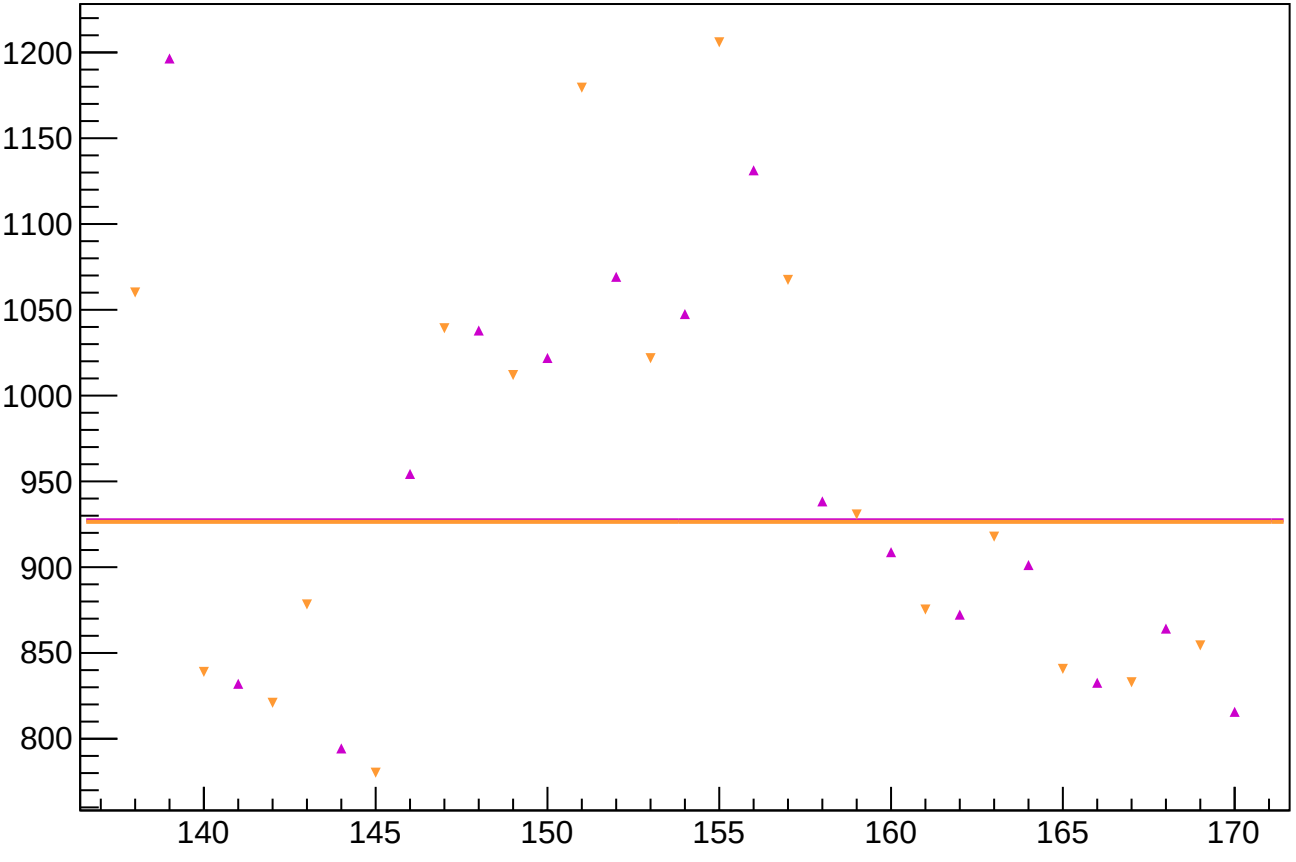
Left In: 235.255+/-263.560 χ^2/NDF:15.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -589.879+/-186.215 χ^2/NDF: 69.8/32

- 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: 926.419+/-0.186 χ^2/NDF:384672.3/16

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

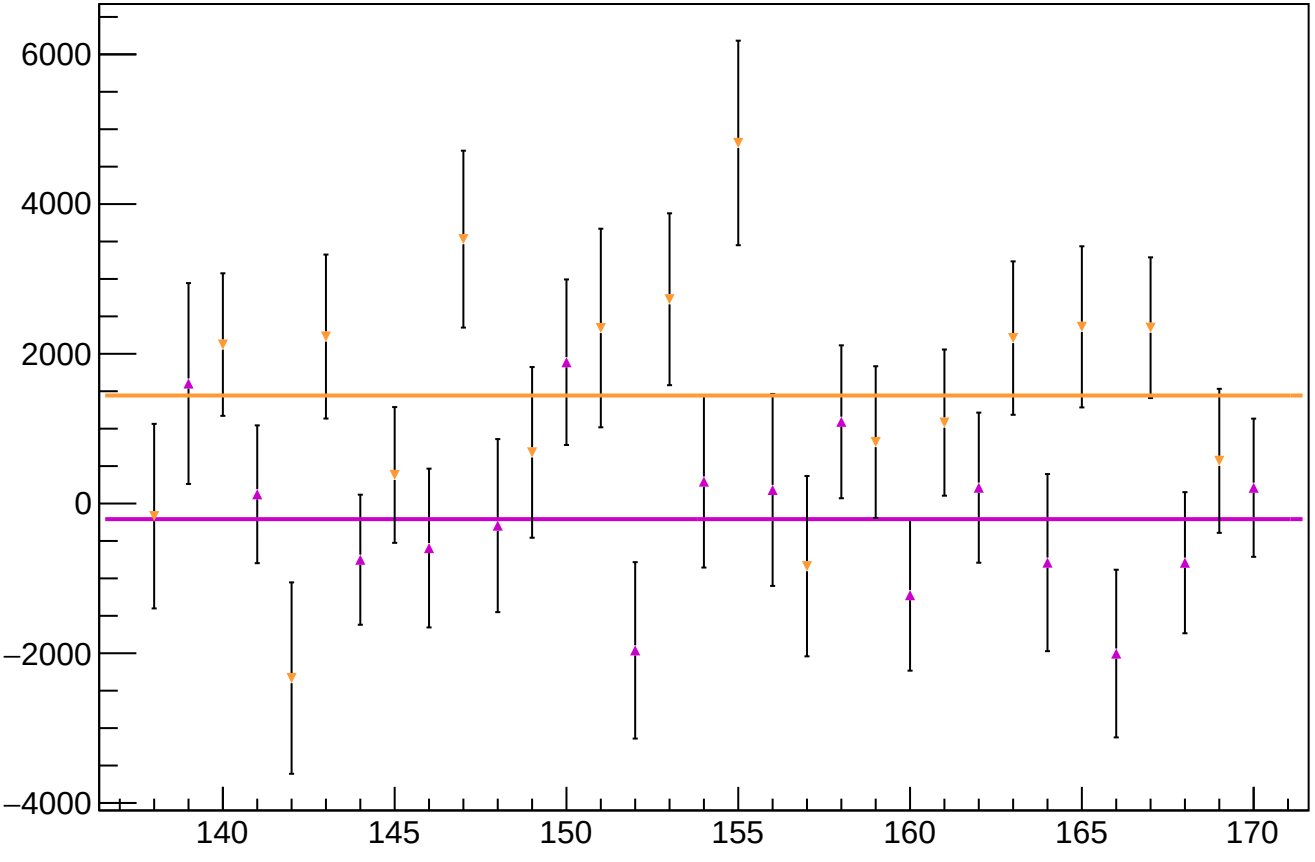
Left In: 927.324+/-0.186 χ^2/NDF:346859.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 926.871+/-0.132 χ^2/NDF: 731543.7/32

- 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: 1443.089+/-262.498 χ^2/NDF:31.3/16

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

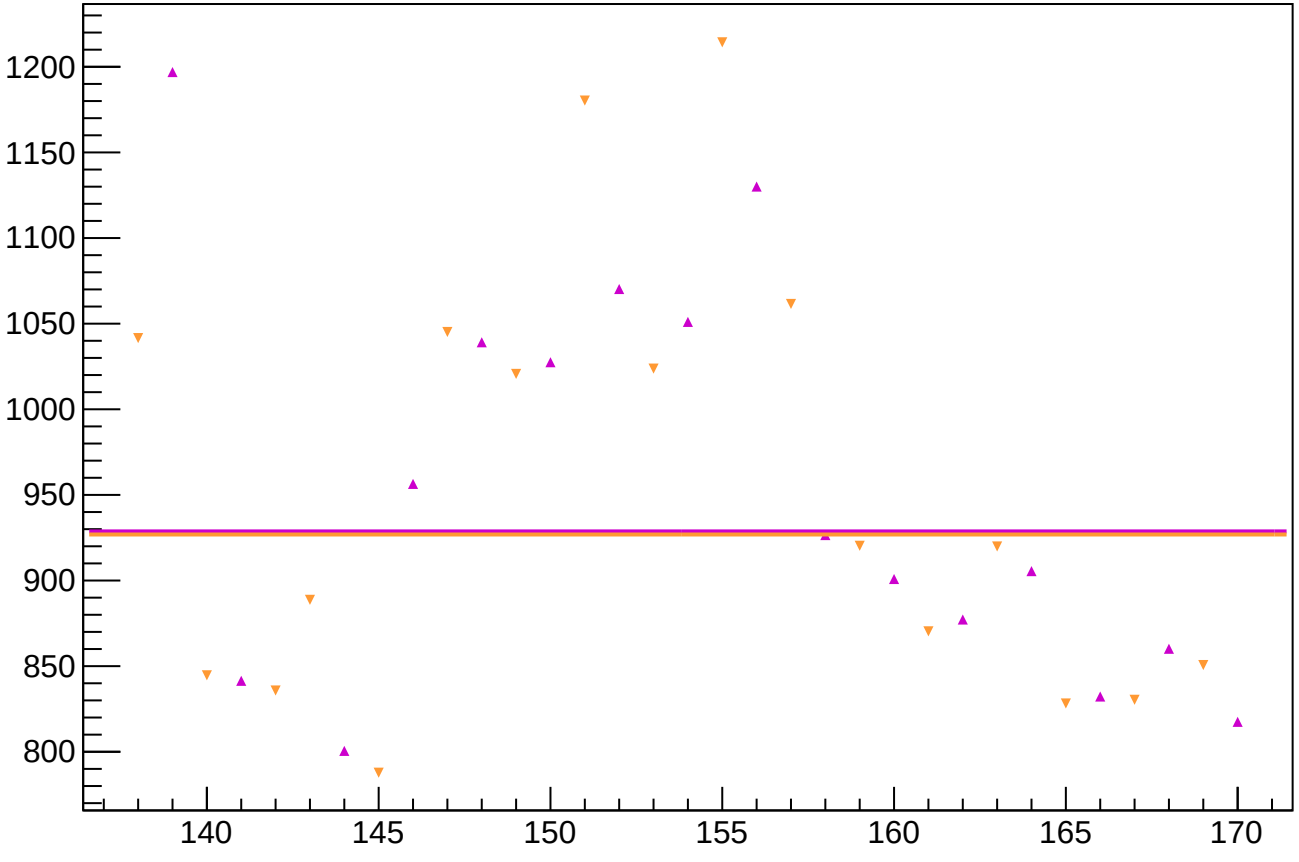
Left In: -208.531+/-263.975 χ^2/NDF:14.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 621.911+/-186.134 χ^2/NDF: 65.8/32

- 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: 926.885+/-0.186 χ^2/NDF:383528.0/16

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

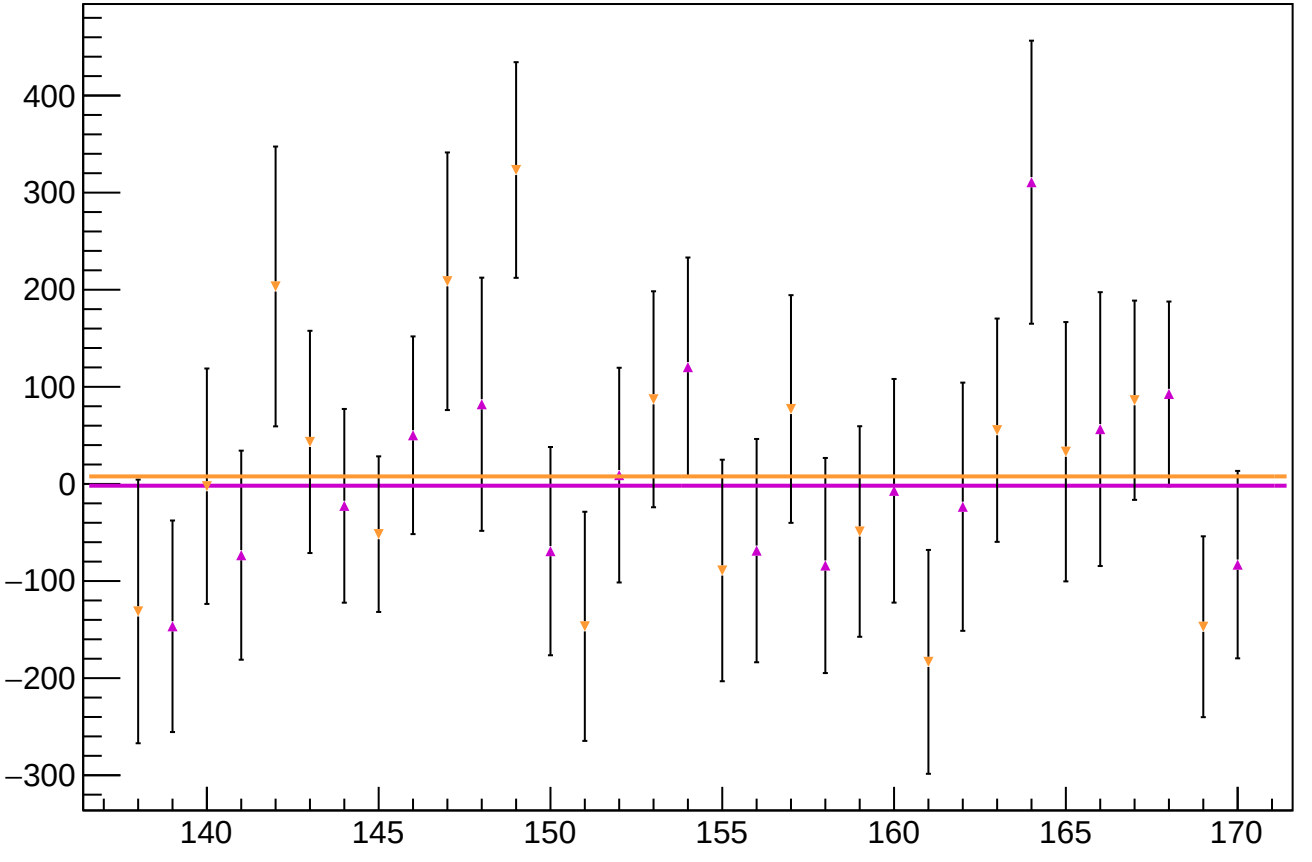
Left In: 928.693+/-0.187 χ^2/NDF:339958.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 927.784+/-0.132 χ^2/NDF: 723533.5/32

- 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: 7.759+/-27.266 χ^2/NDF:23.8/16

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

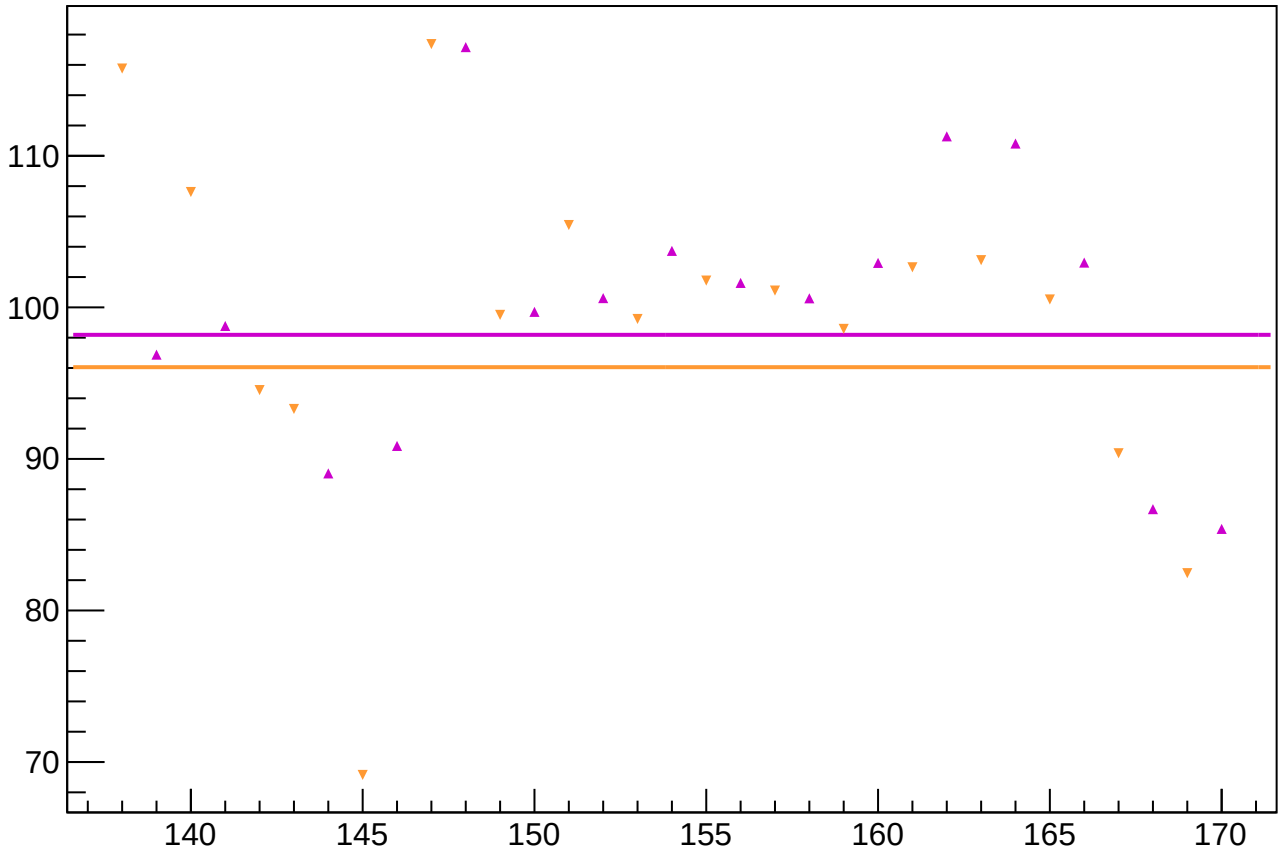
Left In: -1.818+/-27.922 χ^2/NDF:11.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.085+/-19.508 χ^2/NDF: 35.7/32

- 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: 96.053+/-0.019 χ^2/NDF:429925.9/16

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

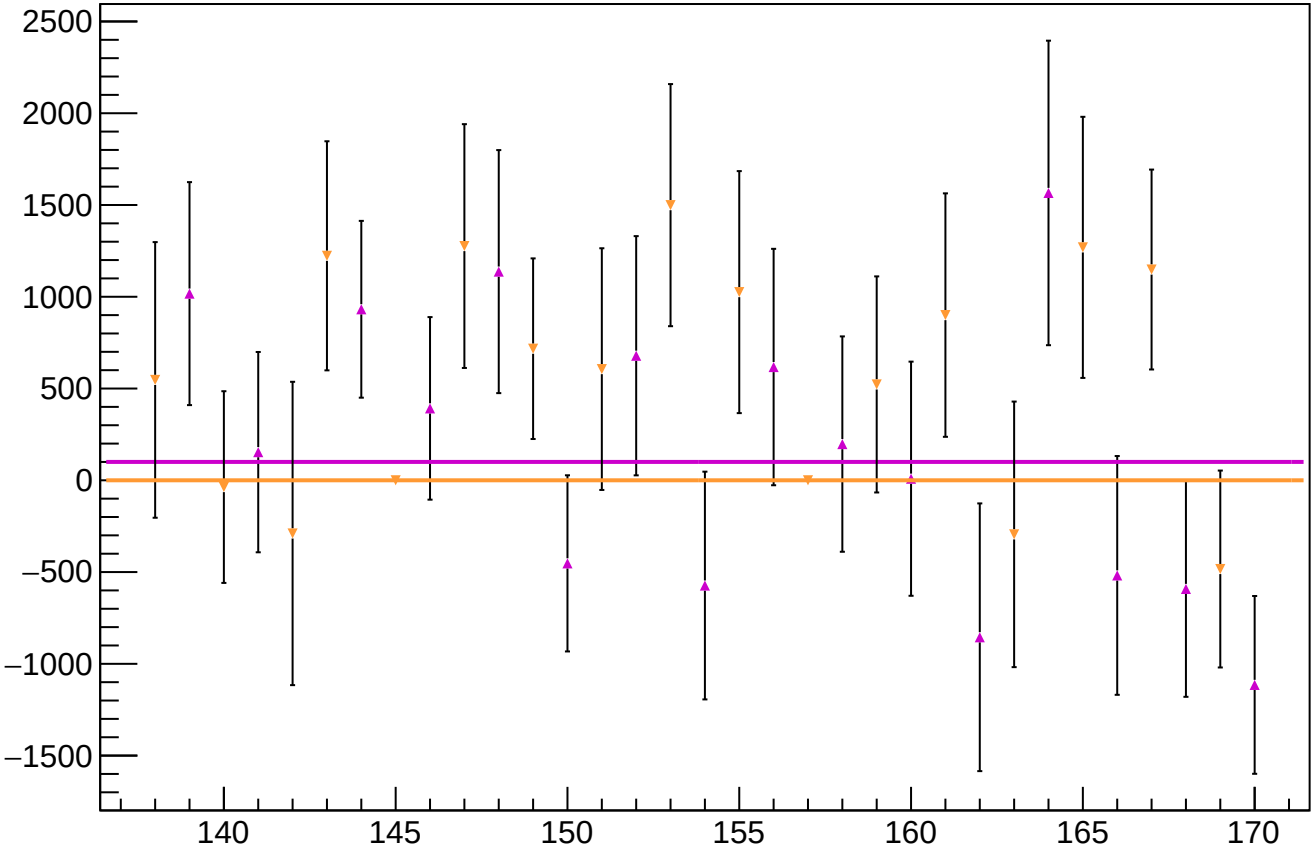
Left In: 98.188+/-0.020 χ^2/NDF:184964.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 97.095+/-0.014 χ^2/NDF: 620872.0/32

- 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:30.3/16

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

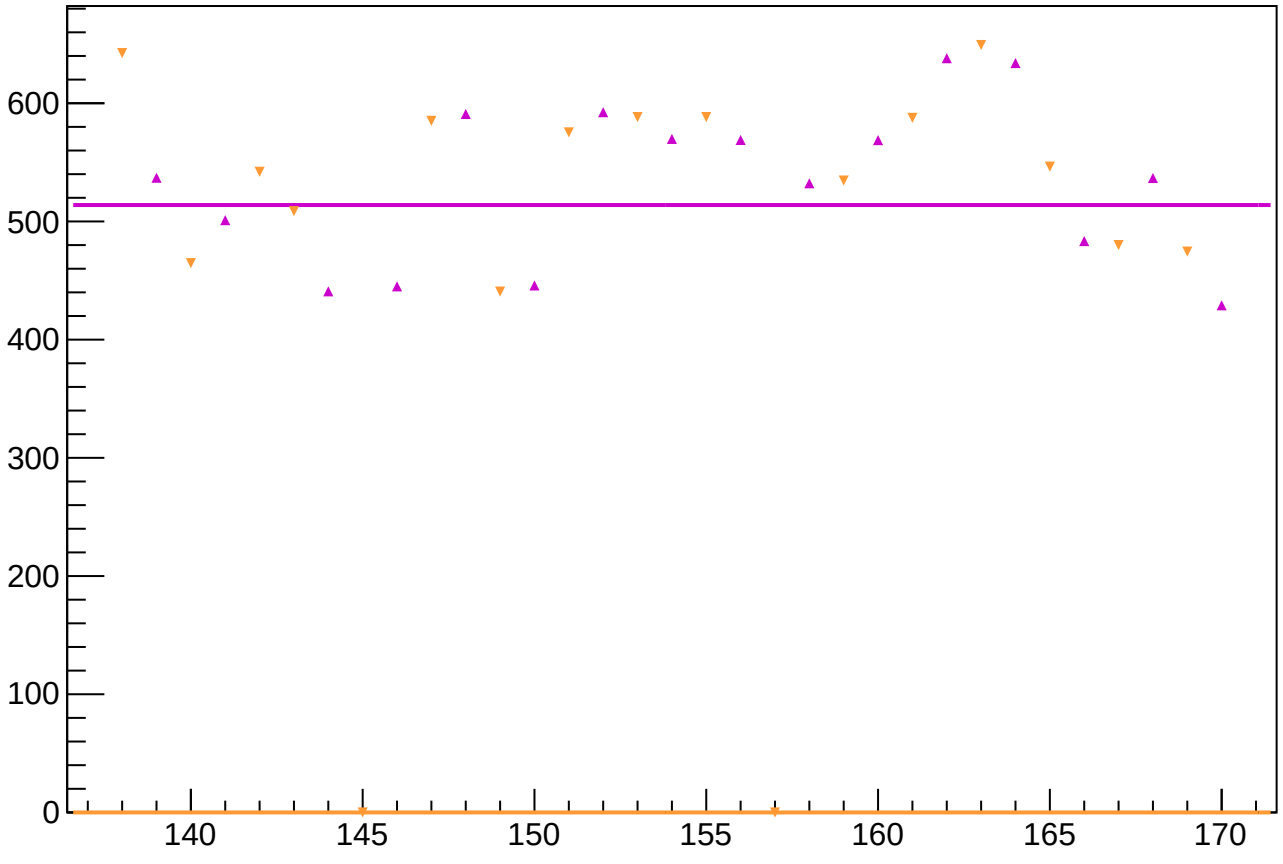
Left In: 100.143+/-146.459 χ^2/NDF:25.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.000+/-0.000 χ^2/NDF: 56.2/32

- 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:22231302.1/16

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

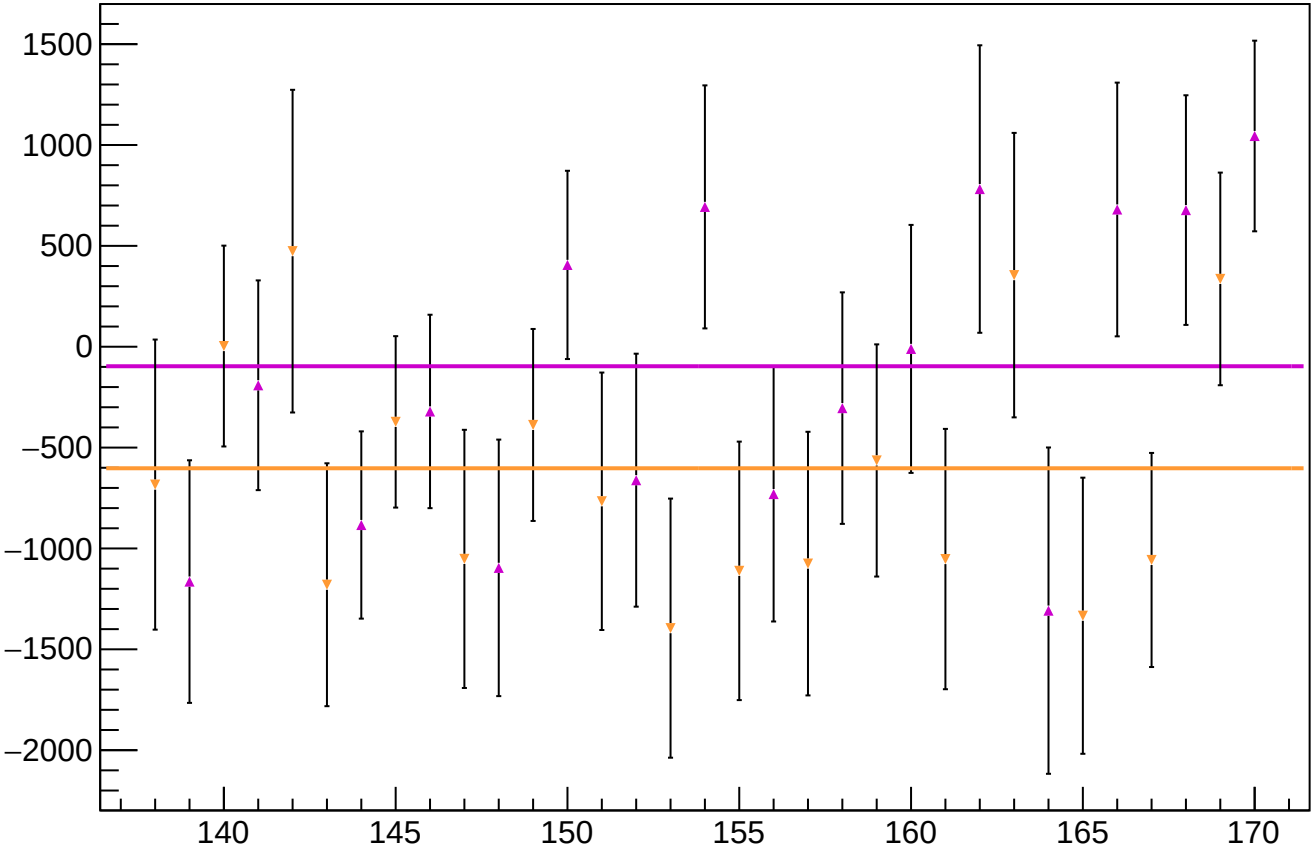
Left In: 513.878+/-0.104 χ^2/NDF:400923.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 47253888.4/32

- 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: -602.500+/-142.760 χ^2/NDF:15.3/16

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

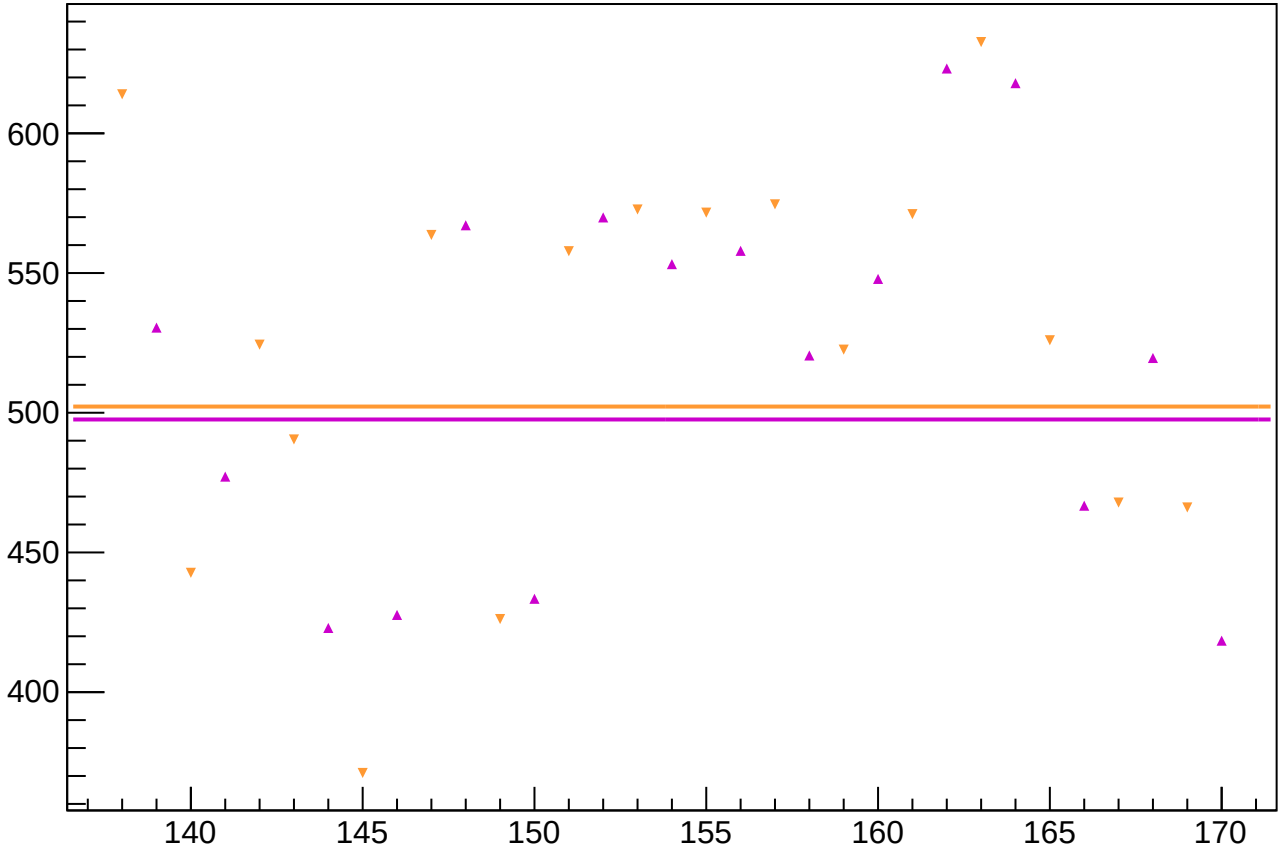
Left In: -96.750+/-141.985 χ^2/NDF:26.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -348.249+/-100.672 χ^2/NDF: 48.2/32

- 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: 502.214+/-0.101 χ^2/NDF:540430.2/16

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

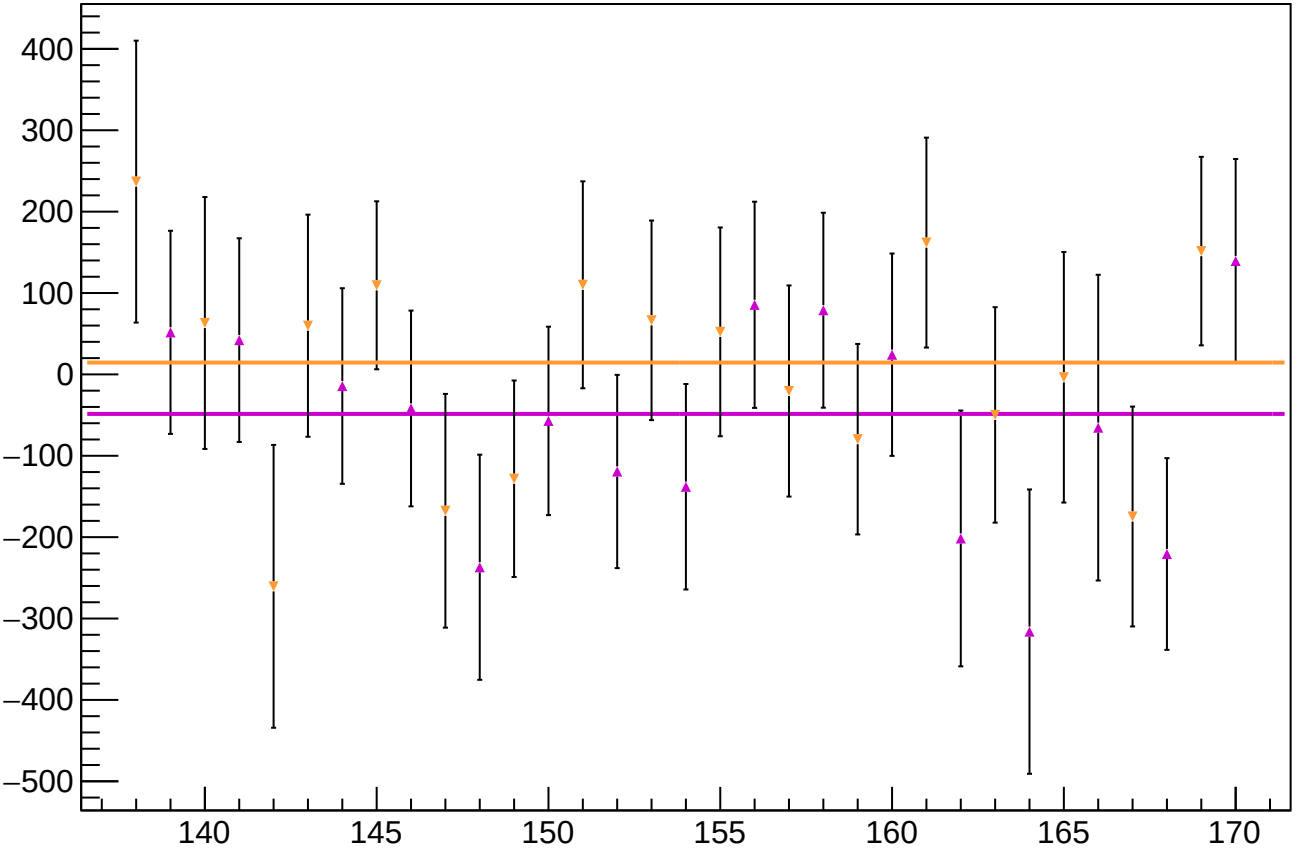
Left In: 497.588+/-0.100 χ^2/NDF:413893.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 499.888+/-0.071 χ^2/NDF: 955379.5/32

- 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: 14.568+/-31.894 χ^2/NDF:14.7/16

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

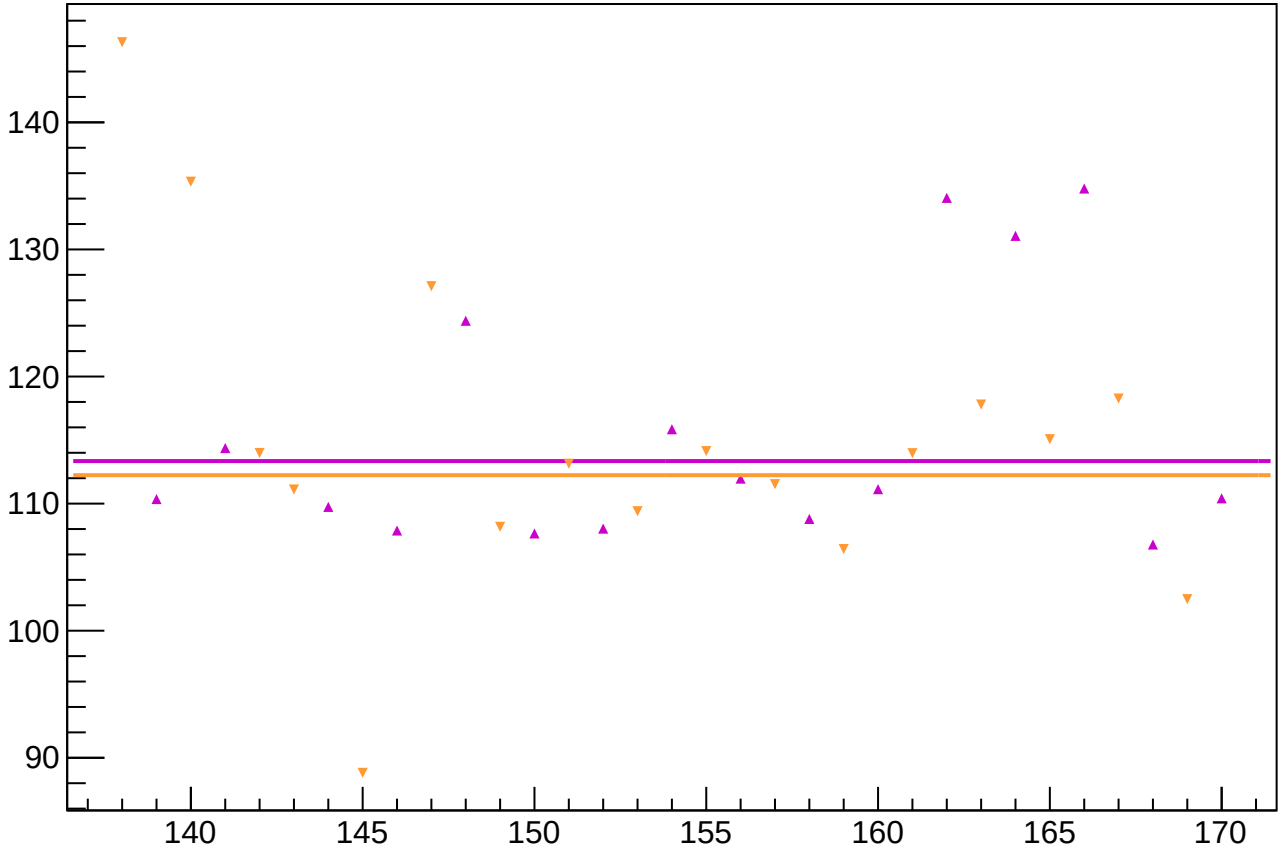
Left In: -48.568+/-32.258 χ^2/NDF:14.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -16.641+/-22.680 χ^2/NDF: 30.9/32

- 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: 112.237+/-0.023 χ^2/NDF:278270.0/16

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

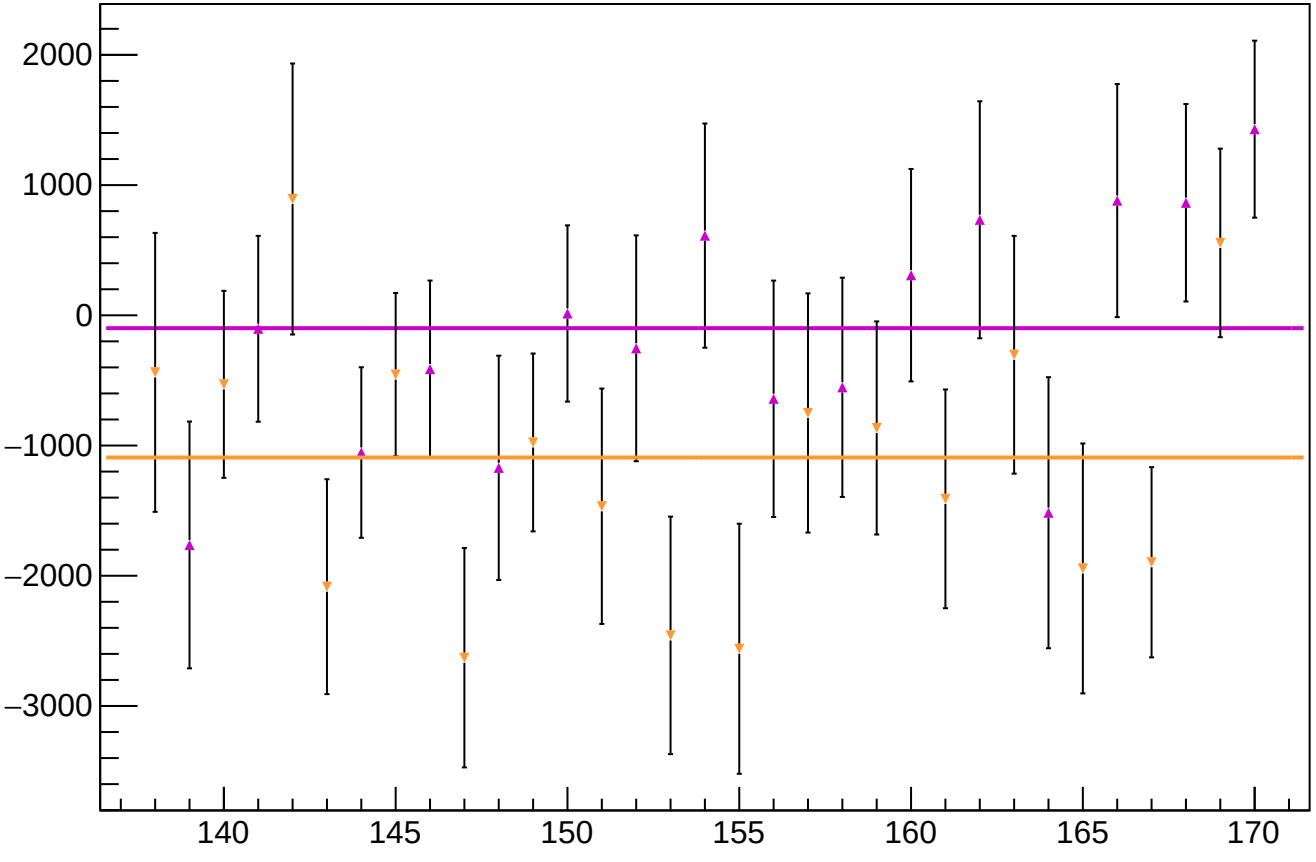
Left In: 113.347+/-0.023 χ^2/NDF:122034.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 112.786+/-0.016 χ^2/NDF: 401502.5/32

- 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: -1092.000+/-200.077 χ^2/NDF:23.5/16

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

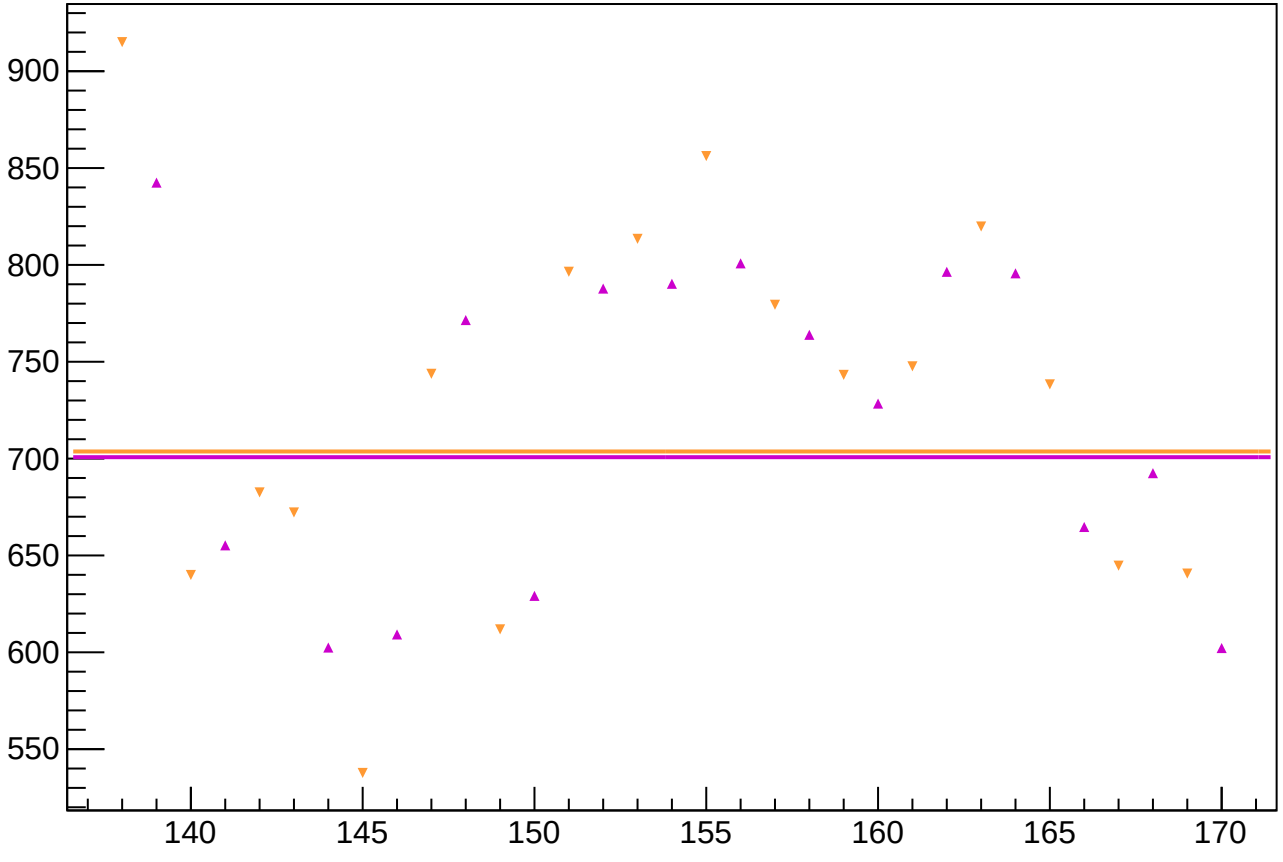
Left In: -98.718+/-199.232 χ^2/NDF:19.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -593.256+/-141.176 χ^2/NDF: 55.1/32

- 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: 703.679+/-0.141 χ^2/NDF:465852.8/16

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

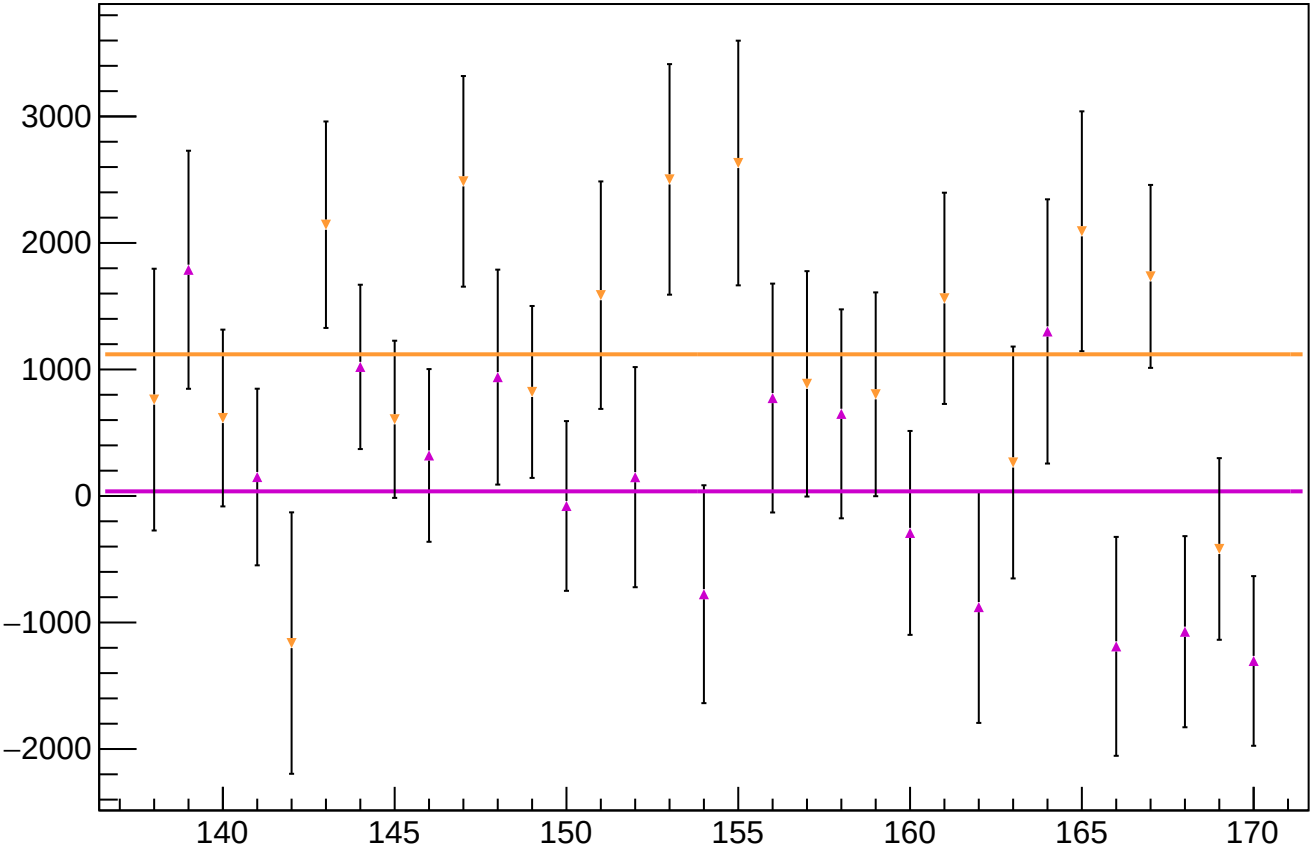
Left In: 700.731+/-0.141 χ^2/NDF:333981.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 702.199+/-0.100 χ^2/NDF: 800052.7/32

- 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: 1119.882+/-197.931 χ^2/NDF:23.4/16

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

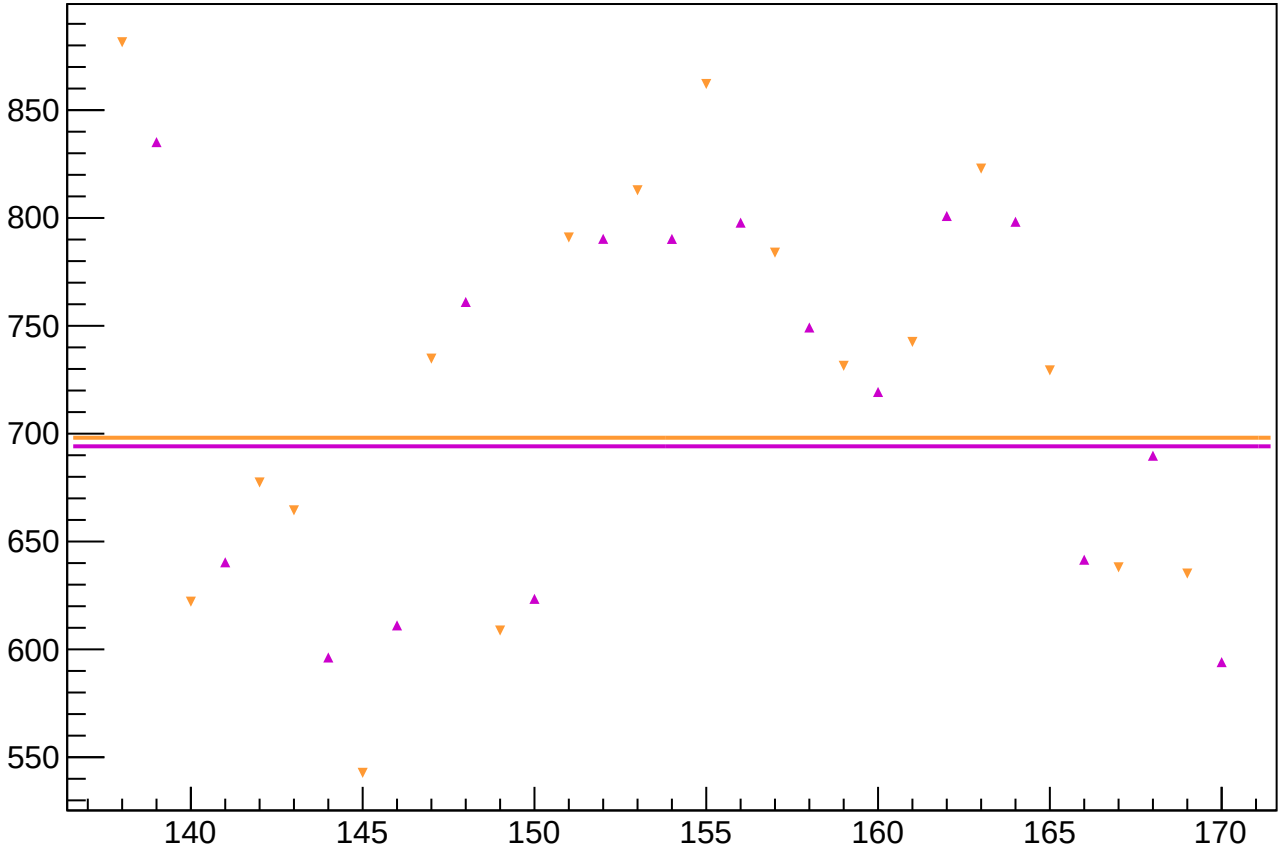
Left In: 36.585+/-197.539 χ^2/NDF:20.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 577.159+/-139.820 χ^2/NDF: 58.5/32

- 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: 698.119+/-0.140 χ^2/NDF:460947.1/16

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

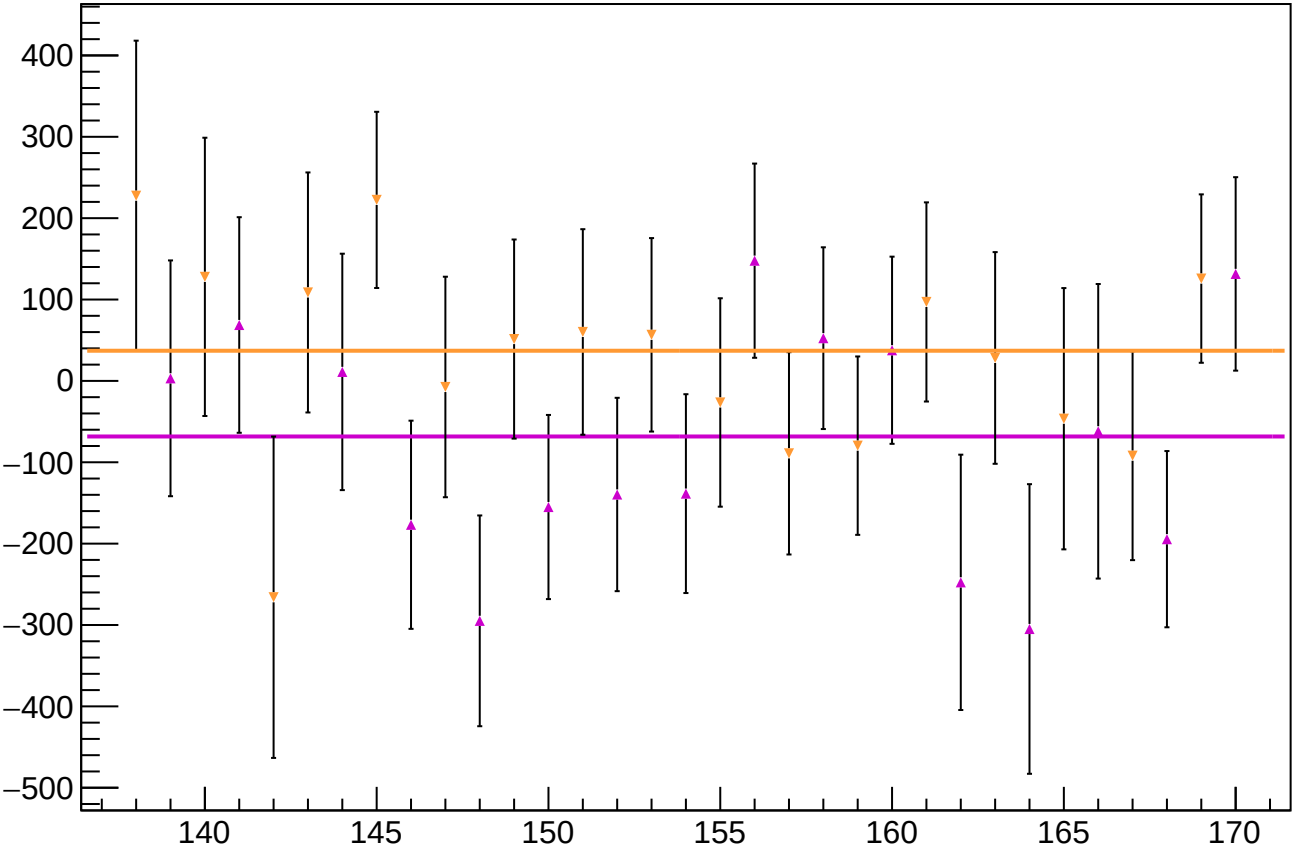
Left In: 694.136+/-0.140 χ^2/NDF:352046.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 696.124+/-0.099 χ^2/NDF: 813399.3/32

- 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: 37.076+/-31.608 χ^2/NDF:11.7/16

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

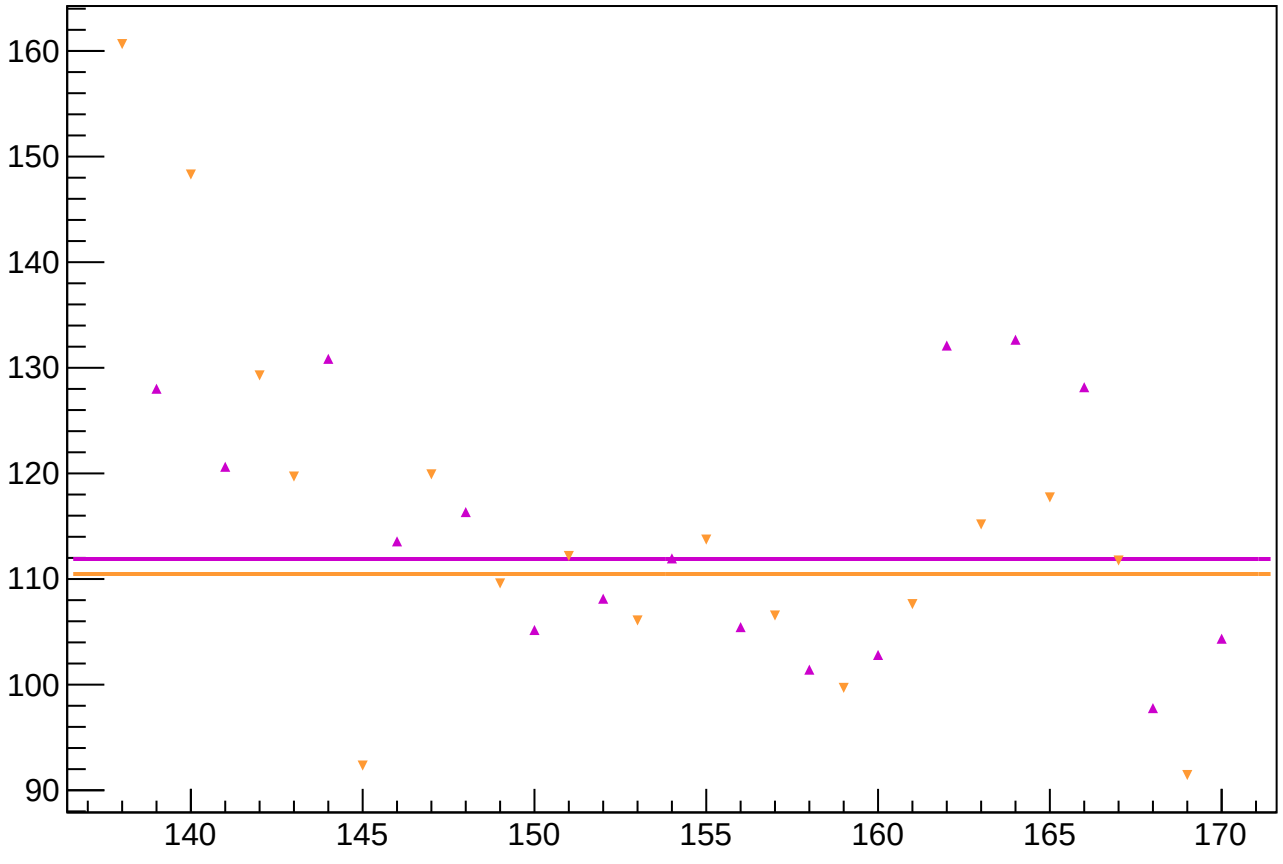
Left In: -68.306+/-32.053 χ^2/NDF:19.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.878+/-22.506 χ^2/NDF: 36.4/32

- 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: 110.477+/-0.022 χ^2/NDF:429764.0/16

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

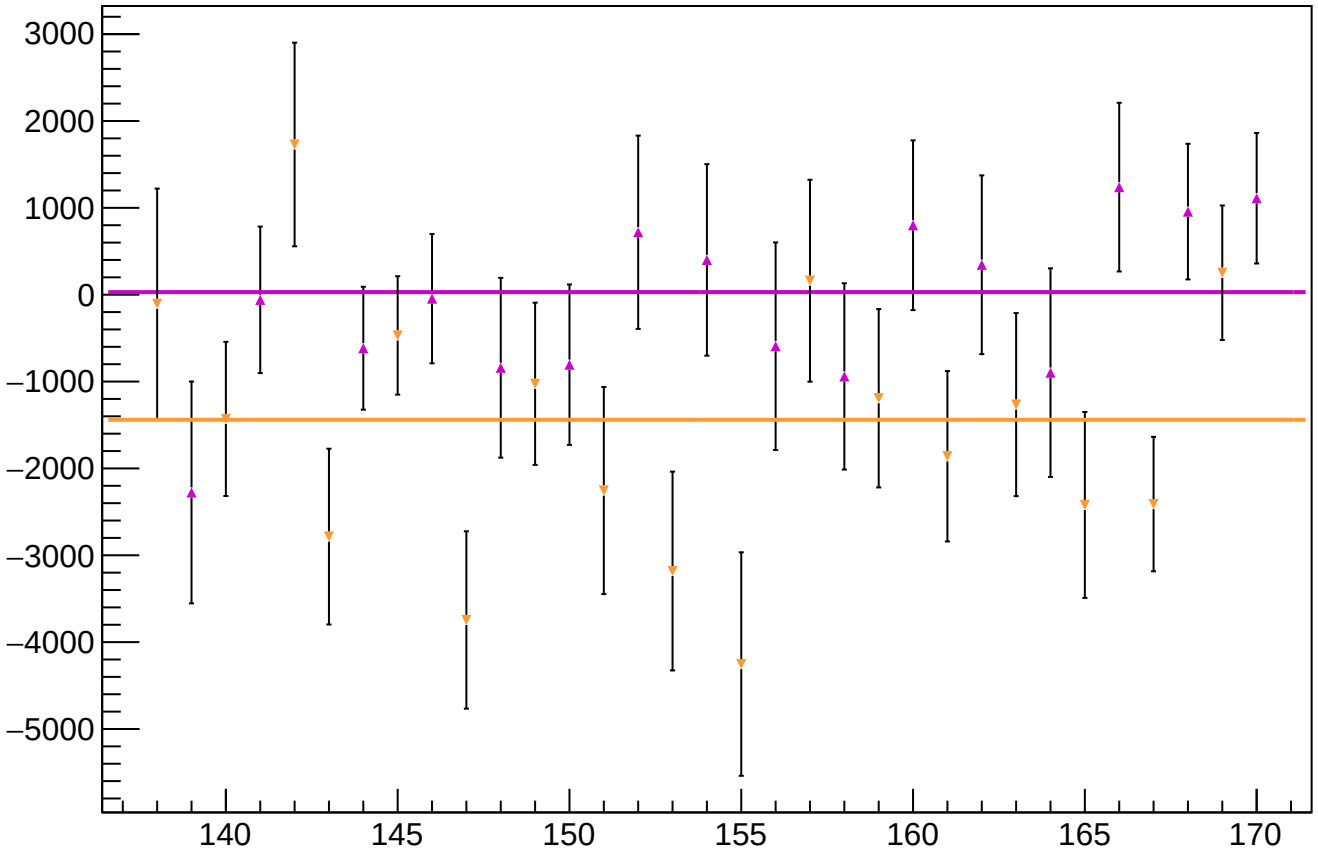
Left In: 111.897+/-0.023 χ^2/NDF:233770.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 111.177+/-0.016 χ^2/NDF: 665525.1/32

- 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: -1439.730+/-237.632 χ^2/NDF:34.3/16

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

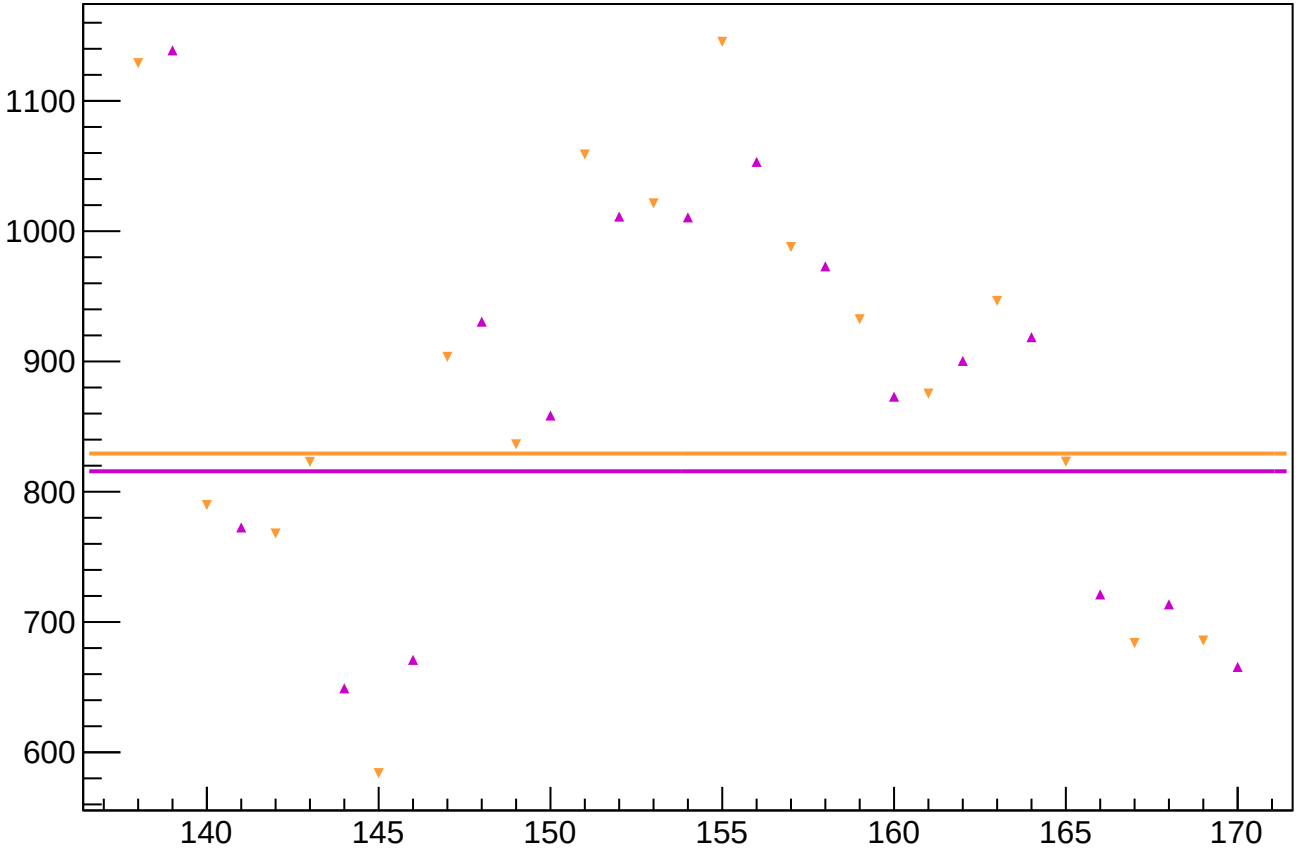
Left In: 30.066+/-233.859 χ^2/NDF:13.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -693.069+/-166.681 χ^2/NDF: 67.3/32

- 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: 829.327+/-0.168 χ^2/NDF:858264.5/16

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

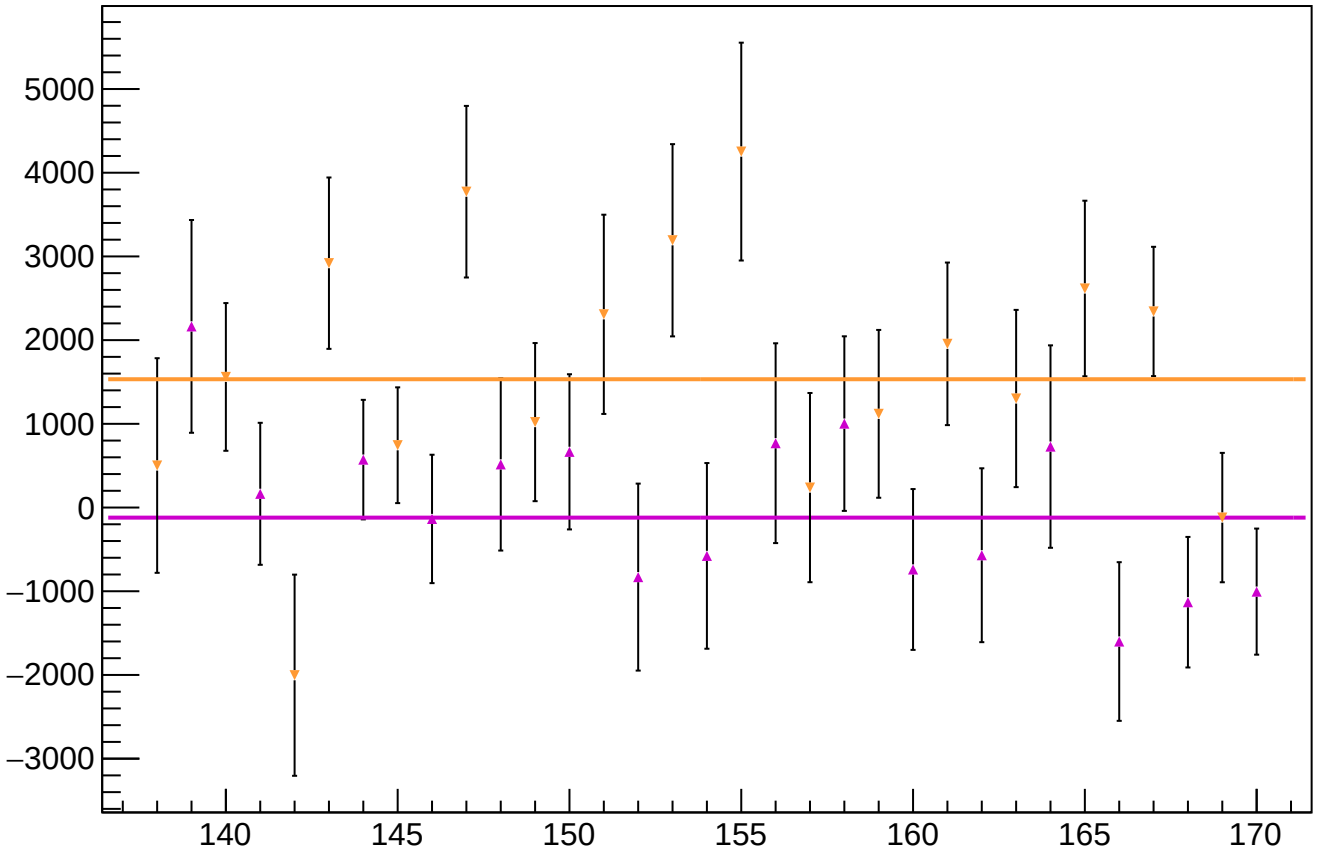
Left In: 815.709+/-0.165 χ^2/NDF:763213.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 822.409+/-0.118 χ^2/NDF: 1624814.5/32

- 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: 1532.791+/-237.367 χ^2/NDF:32.9/16

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

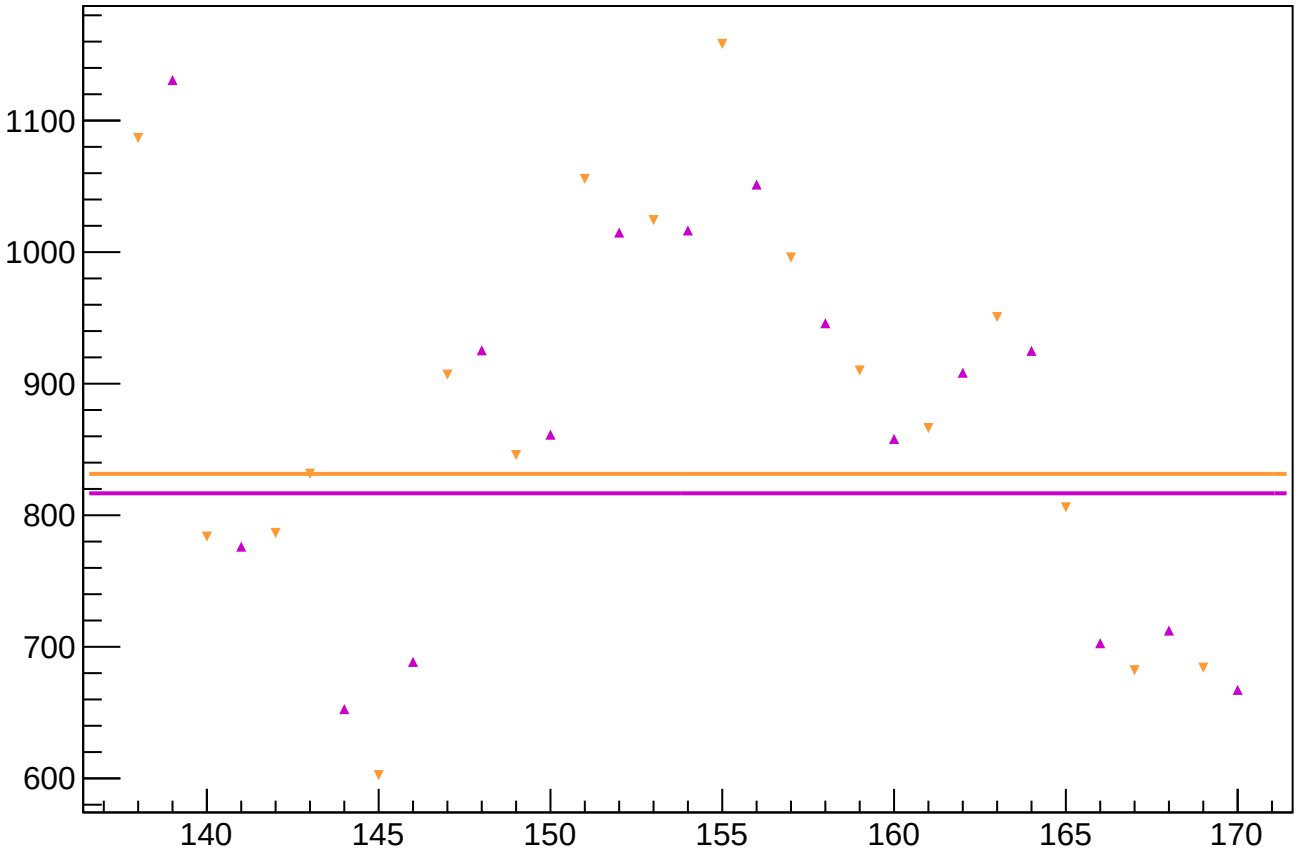
Left In: -120.558+/-234.224 χ^2/NDF:14.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 695.099+/-166.722 χ^2/NDF: 71.7/32

- 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: 831.447+/-0.168 χ^2/NDF:803164.8/16

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

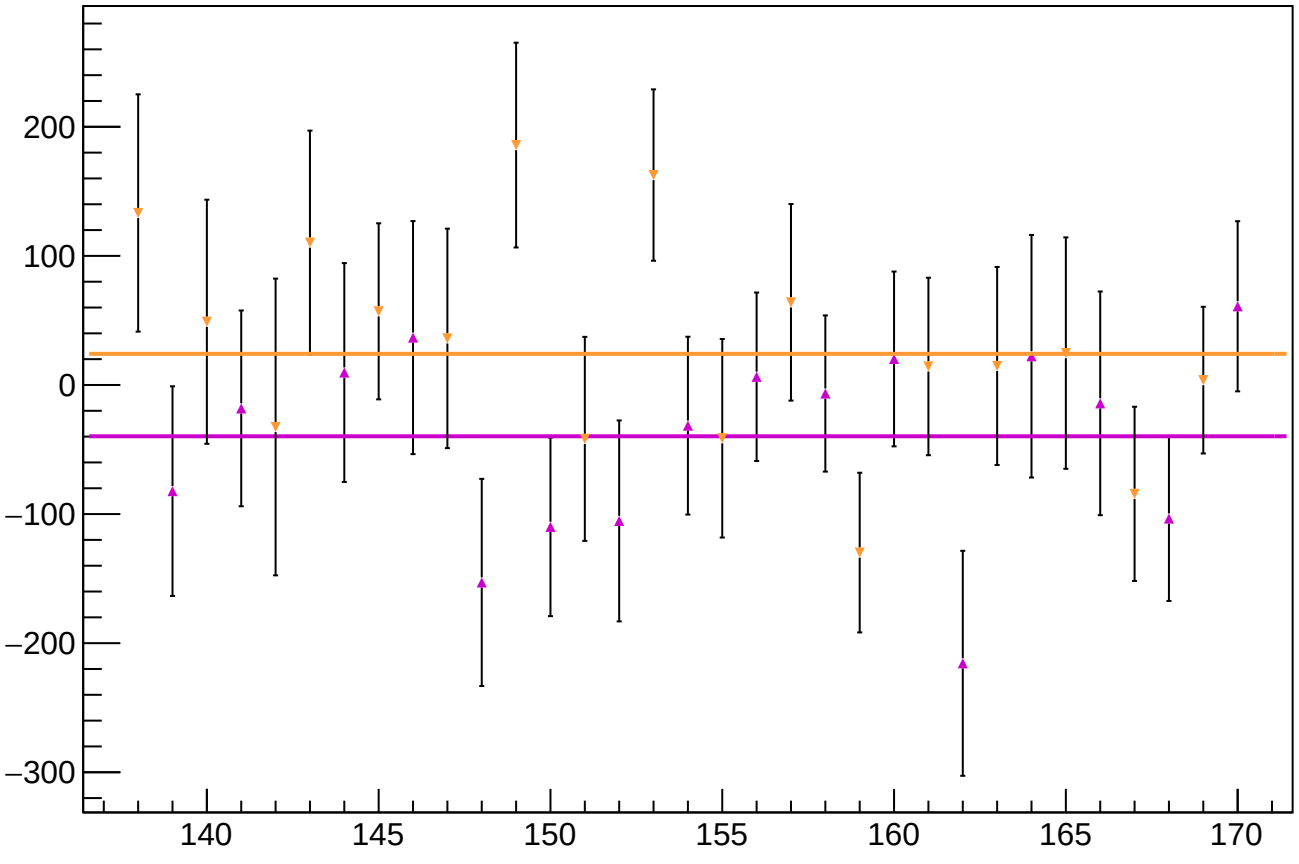
Left In: 816.684+/-0.166 χ^2/NDF:729594.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 823.967+/-0.118 χ^2/NDF: 1536678.8/32

- 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: 24.135+/-18.329 χ^2/NDF:22.1/16

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

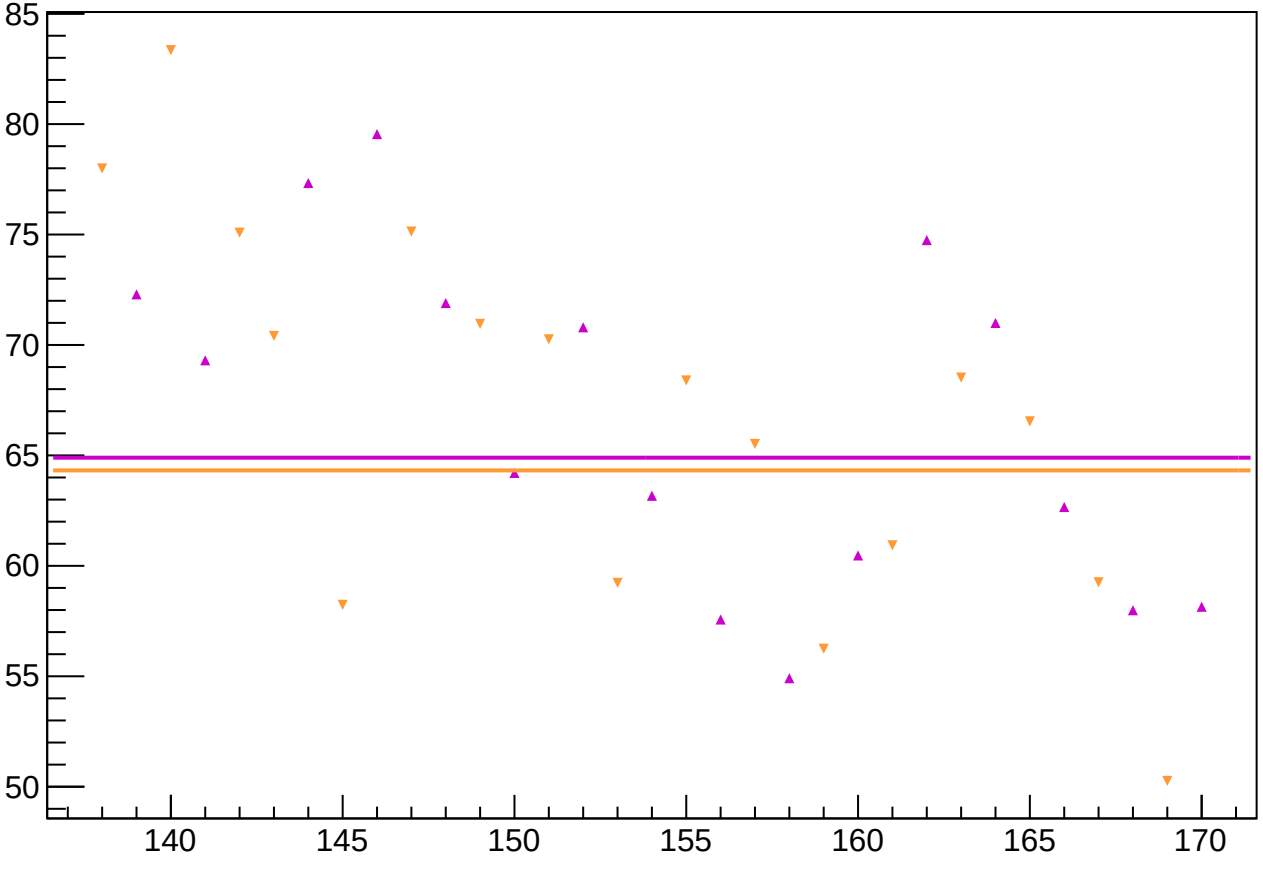
Left In: -39.732+/-18.545 χ^2/NDF:14.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.424+/-13.036 χ^2/NDF: 42.8/32

- 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: 64.321+/-0.013 χ^2/NDF:423975.2/16

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

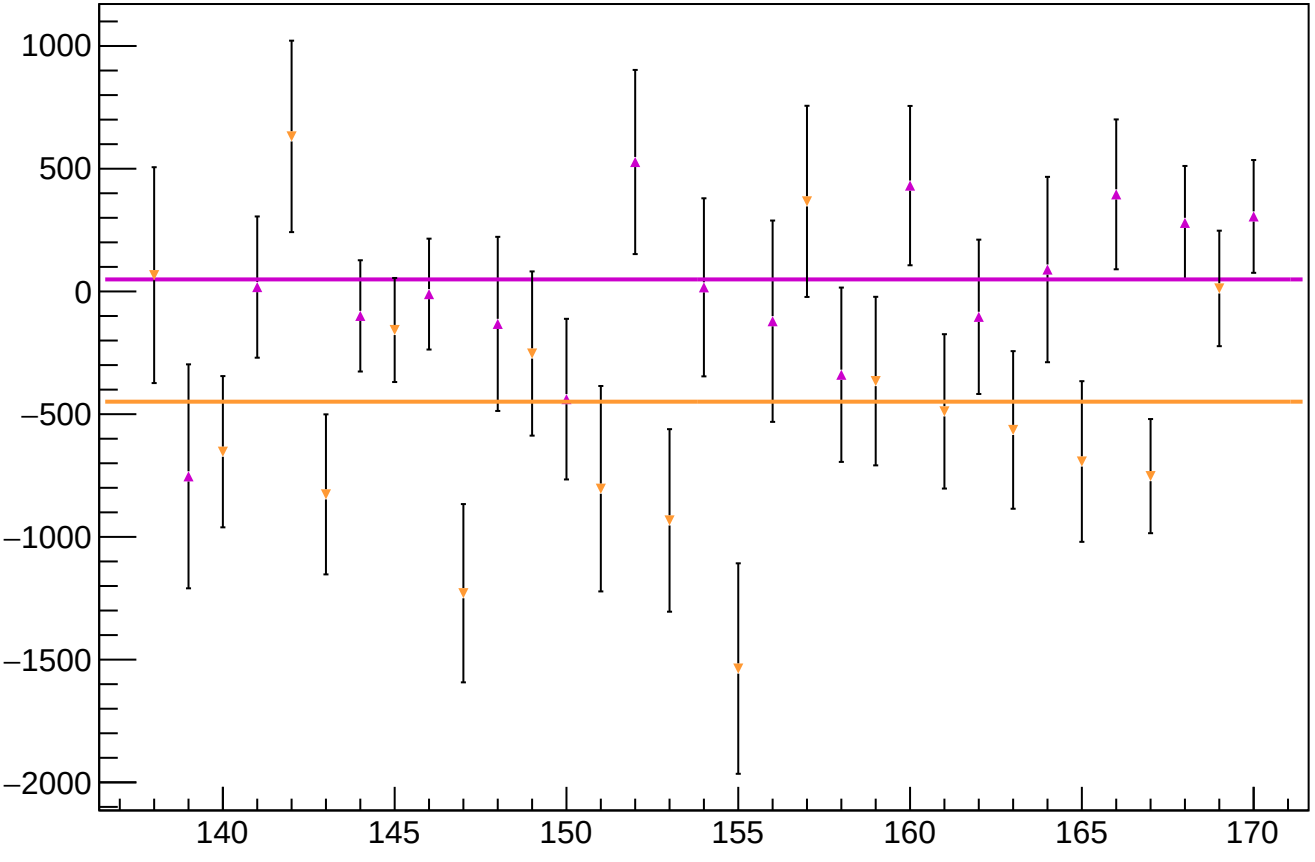
Left In: 64.897+/-0.013 χ^2/NDF:315216.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 64.605+/-0.009 χ^2/NDF: 740166.8/32

- 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: -449.084+/-76.780 χ^2/NDF:37.2/16

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

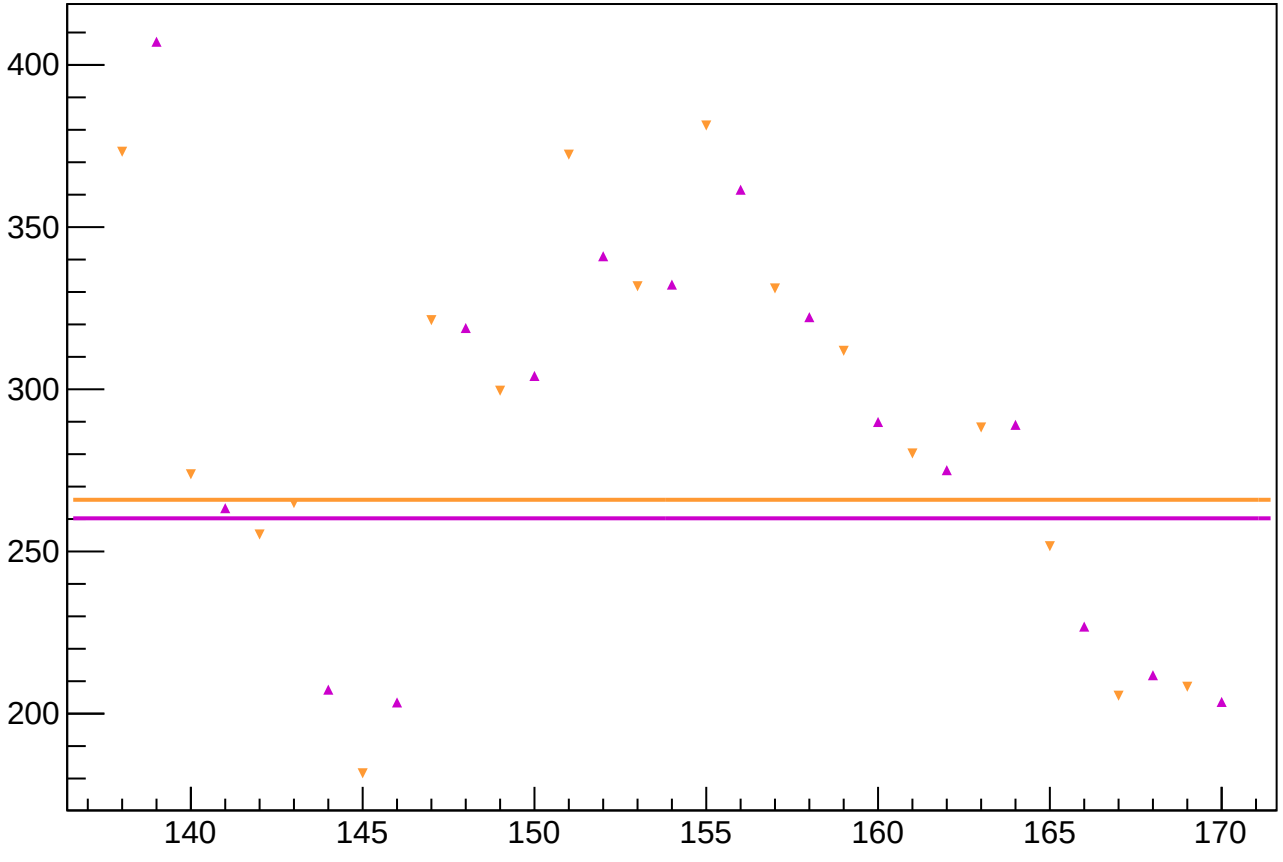
Left In: 49.030+/-75.227 χ^2/NDF:14.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -194.938+/-53.734 χ^2/NDF: 72.9/32

- 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: 265.937+/-0.054 χ^2/NDF:1206411.5/16

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

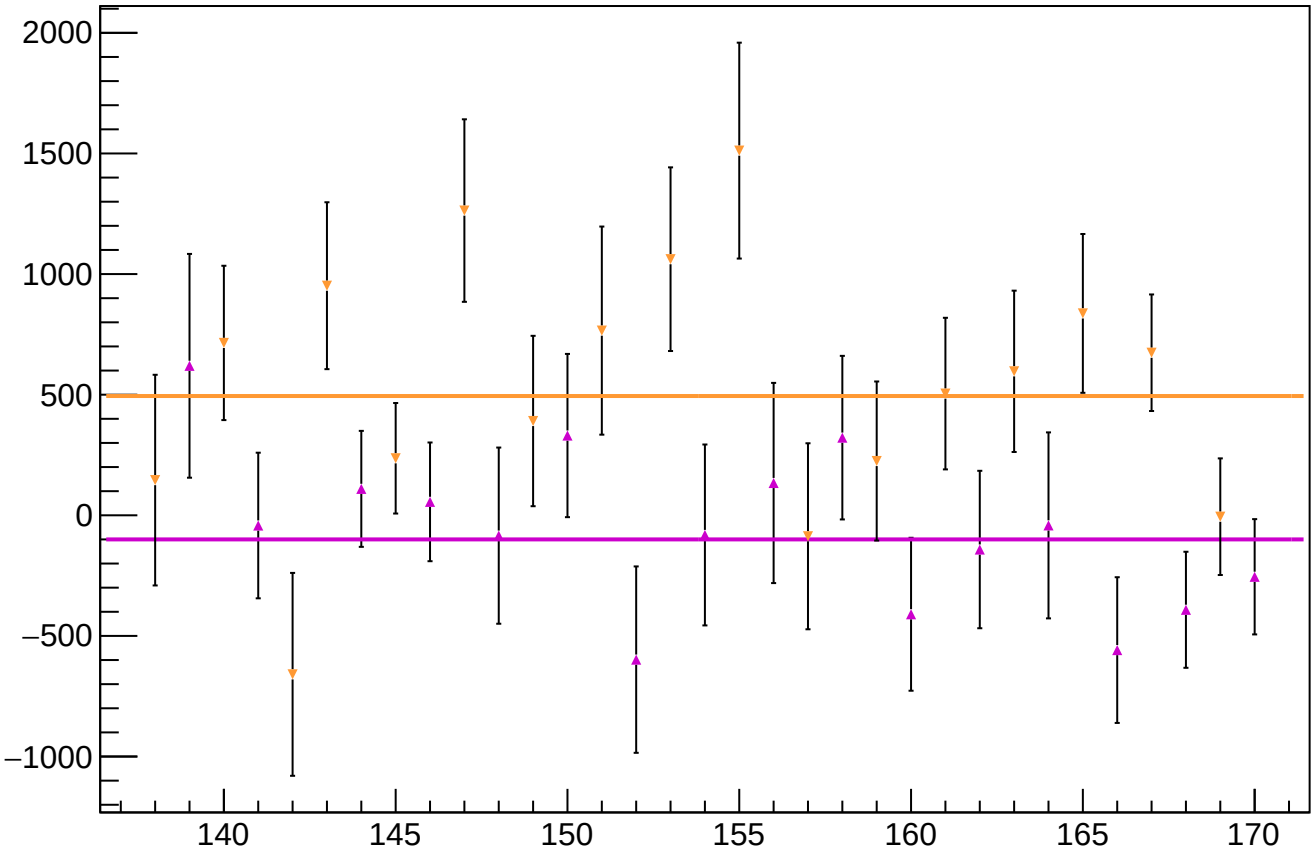
Left In: 260.222+/-0.053 χ^2/NDF:1153241.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 263.021+/-0.038 χ^2/NDF: 2365307.3/32

- 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: 494.445+/-79.349 χ^2/NDF:32.6/16

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

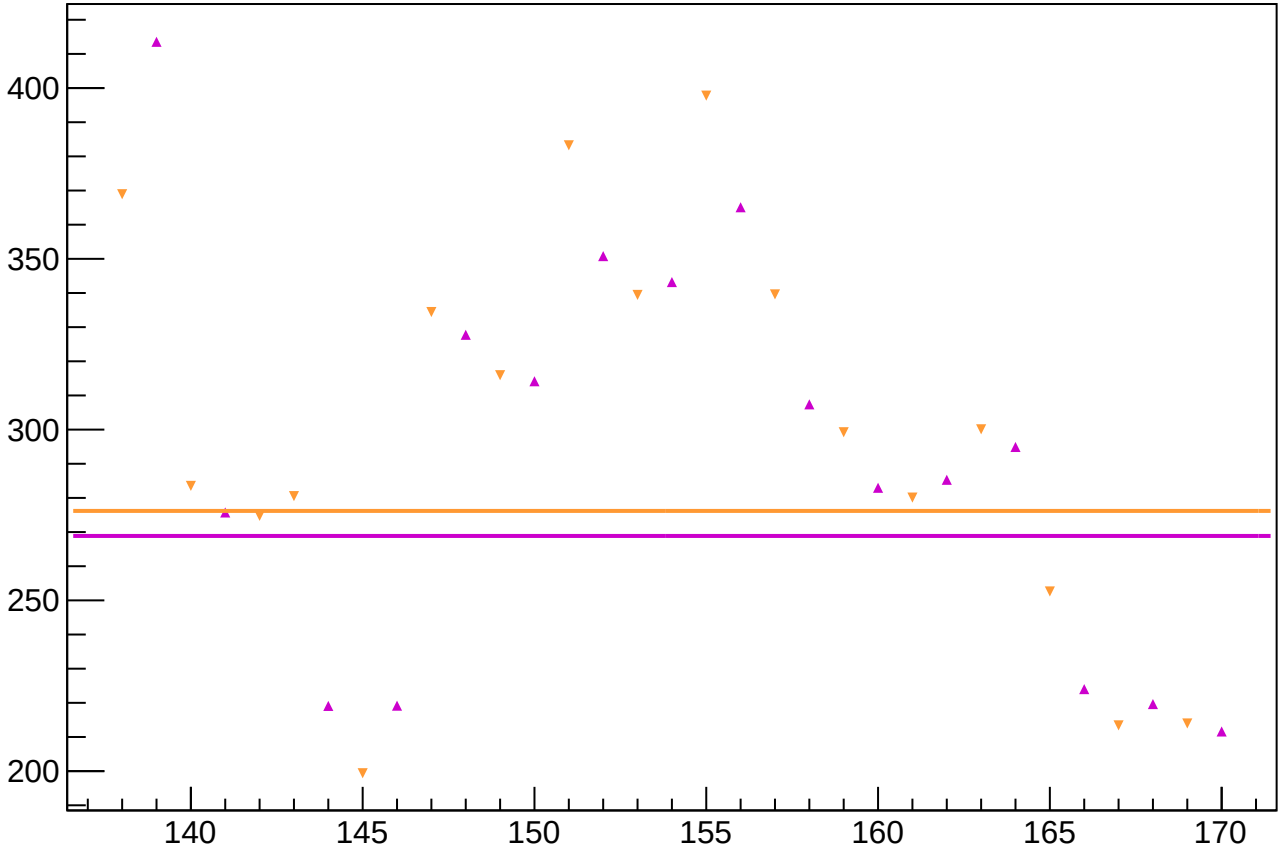
Left In: -99.957+/-77.657 χ^2/NDF:14.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 190.839+/-55.500 χ^2/NDF: 75.2/32

- 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: 276.193+/-0.056 χ^2/NDF:1067384.4/16

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

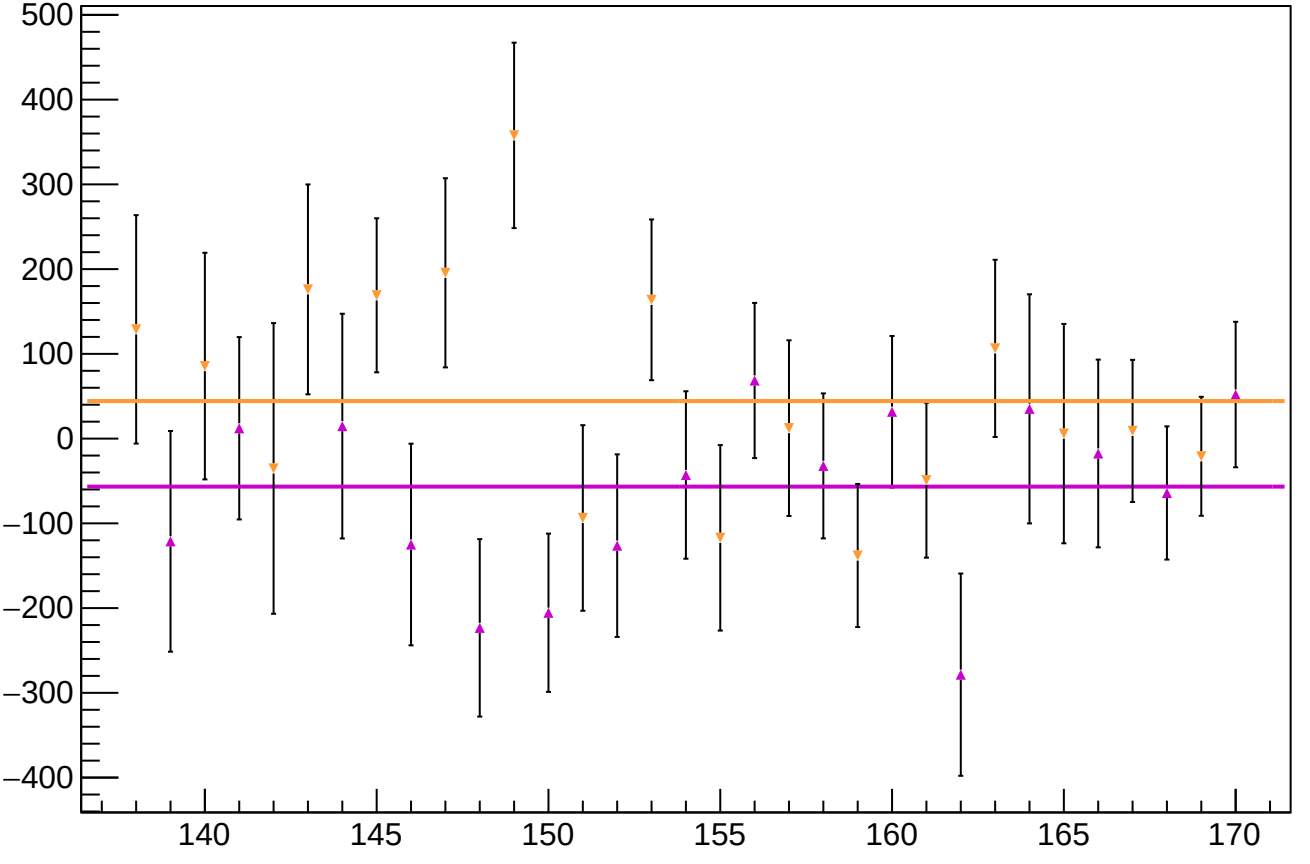
Left In: 268.866+/-0.055 χ^2/NDF:1013534.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 272.450+/-0.039 χ^2/NDF: 2089630.6/32

- 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: 44.330+/-24.826 χ^2/NDF:26.4/16

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

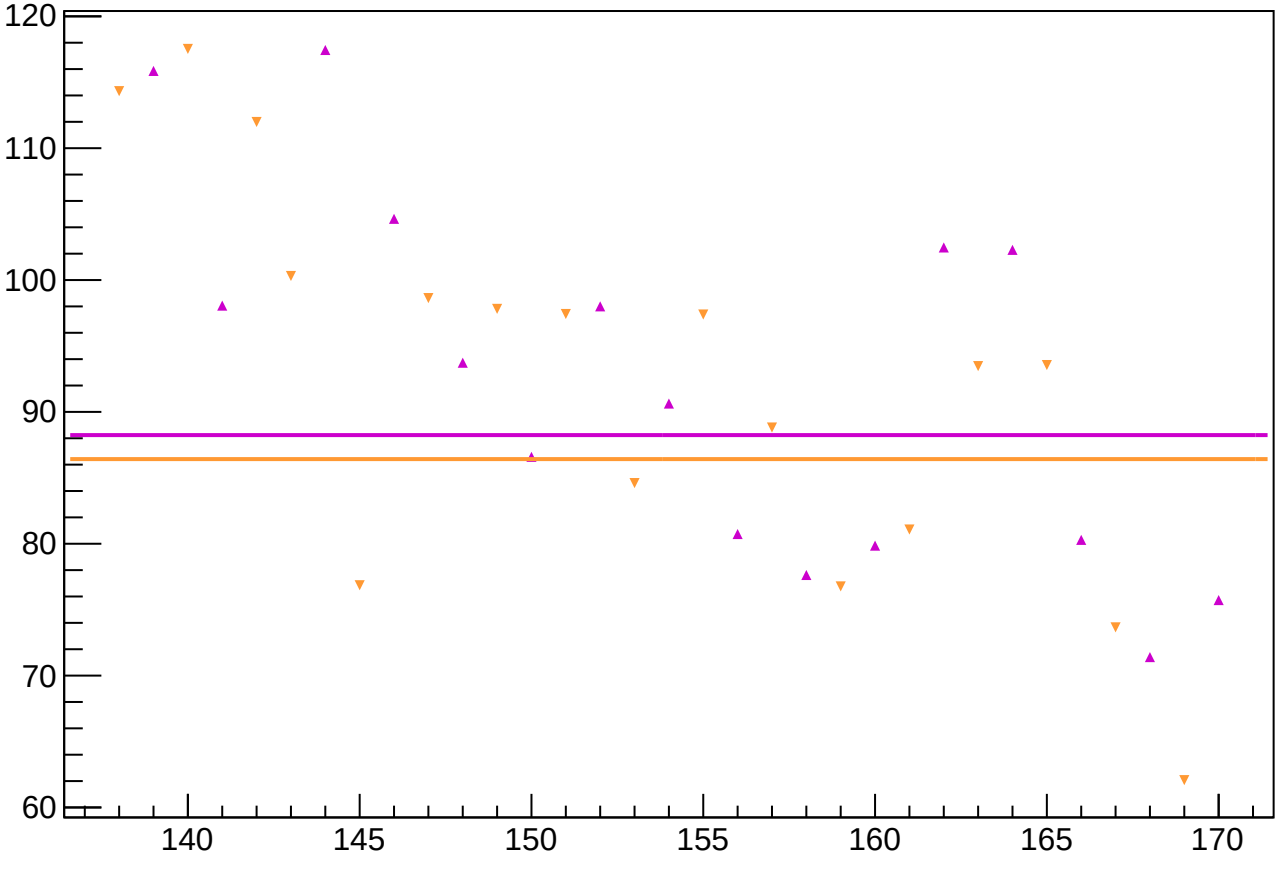
Left In: -56.647+/-25.379 χ^2/NDF:15.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.045+/-17.747 χ^2/NDF: 49.9/32

- 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: 86.420+/-0.018 χ^2/NDF:708648.0/16

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

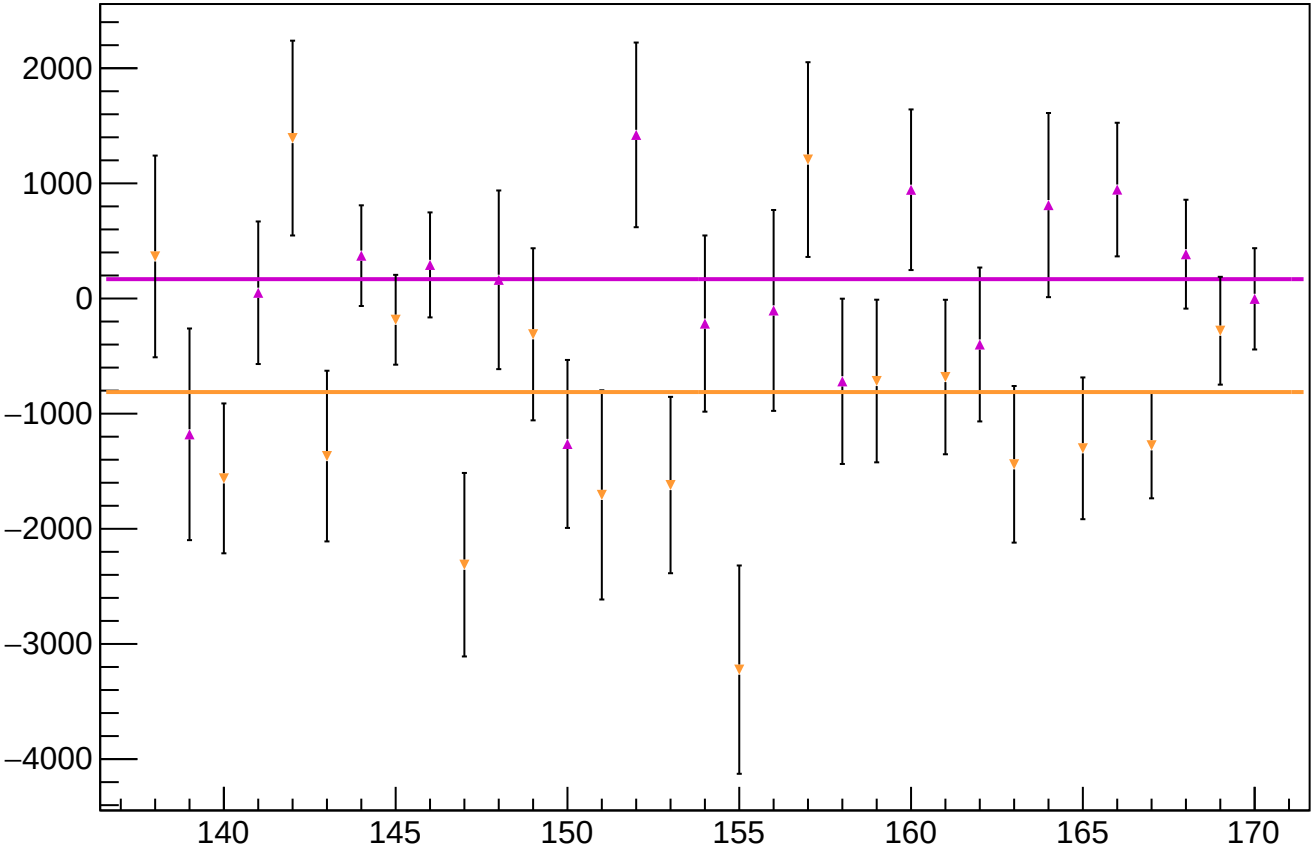
Left In: 88.240+/-0.018 χ^2/NDF:521835.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 87.310+/-0.013 χ^2/NDF: 1235740.5/32

- 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: -812.388+/-156.822 χ^2/NDF:35.8/16

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

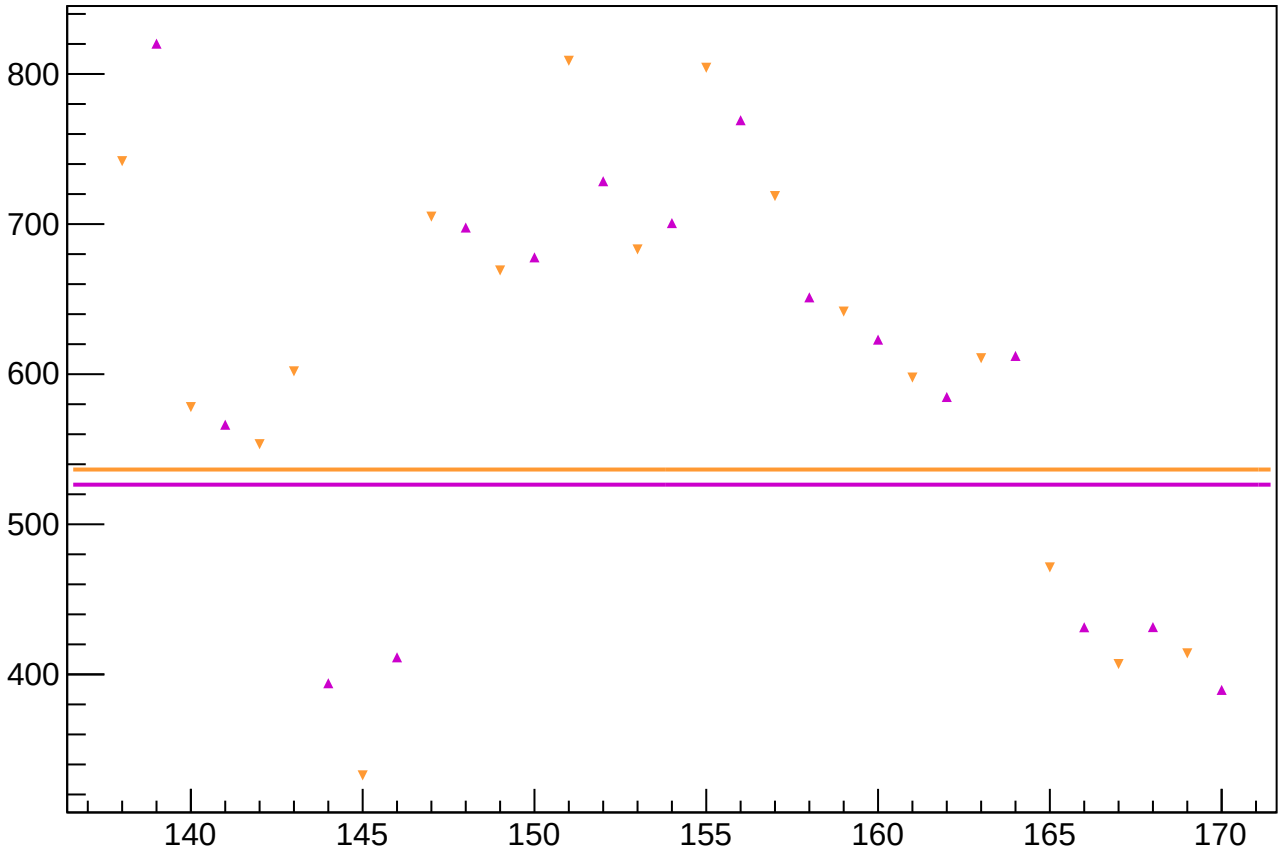
Left In: 168.103+/-153.631 χ^2/NDF:15.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -312.067+/-109.744 χ^2/NDF: 71.2/32

- 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: 536.486+/-0.111 χ^2/NDF:1756058.8/16

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

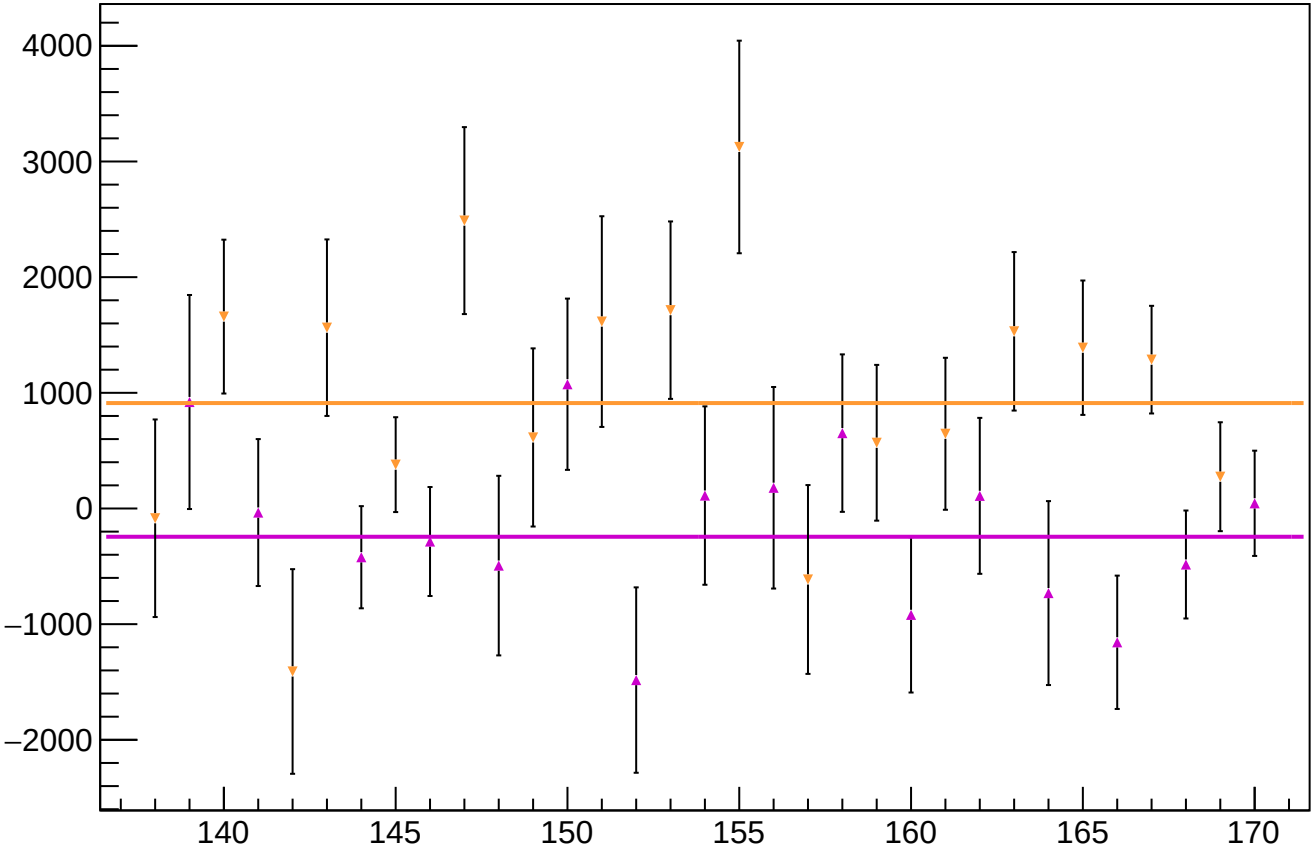
Left In: 526.400+/-0.109 χ^2/NDF:1557233.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 531.340+/-0.078 χ^2/NDF: 3317513.6/32

- 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: 911.500+/-157.863 χ^2/NDF:31.3/16

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

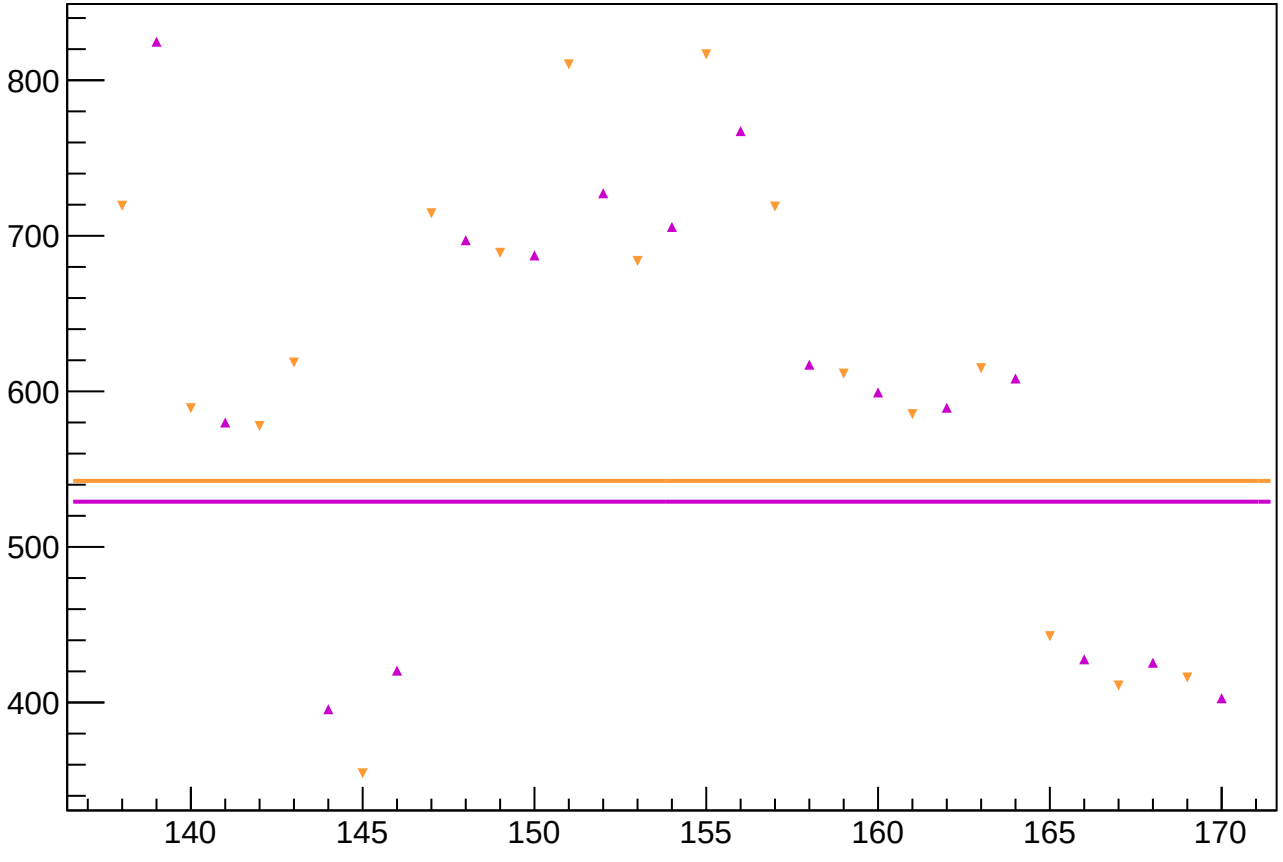
Left In: -244.337+/-154.479 χ^2/NDF:14.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 321.061+/-110.410 χ^2/NDF: 73.2/32

- 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: 542.457+/-0.112 χ^2/NDF:1629434.0/16

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

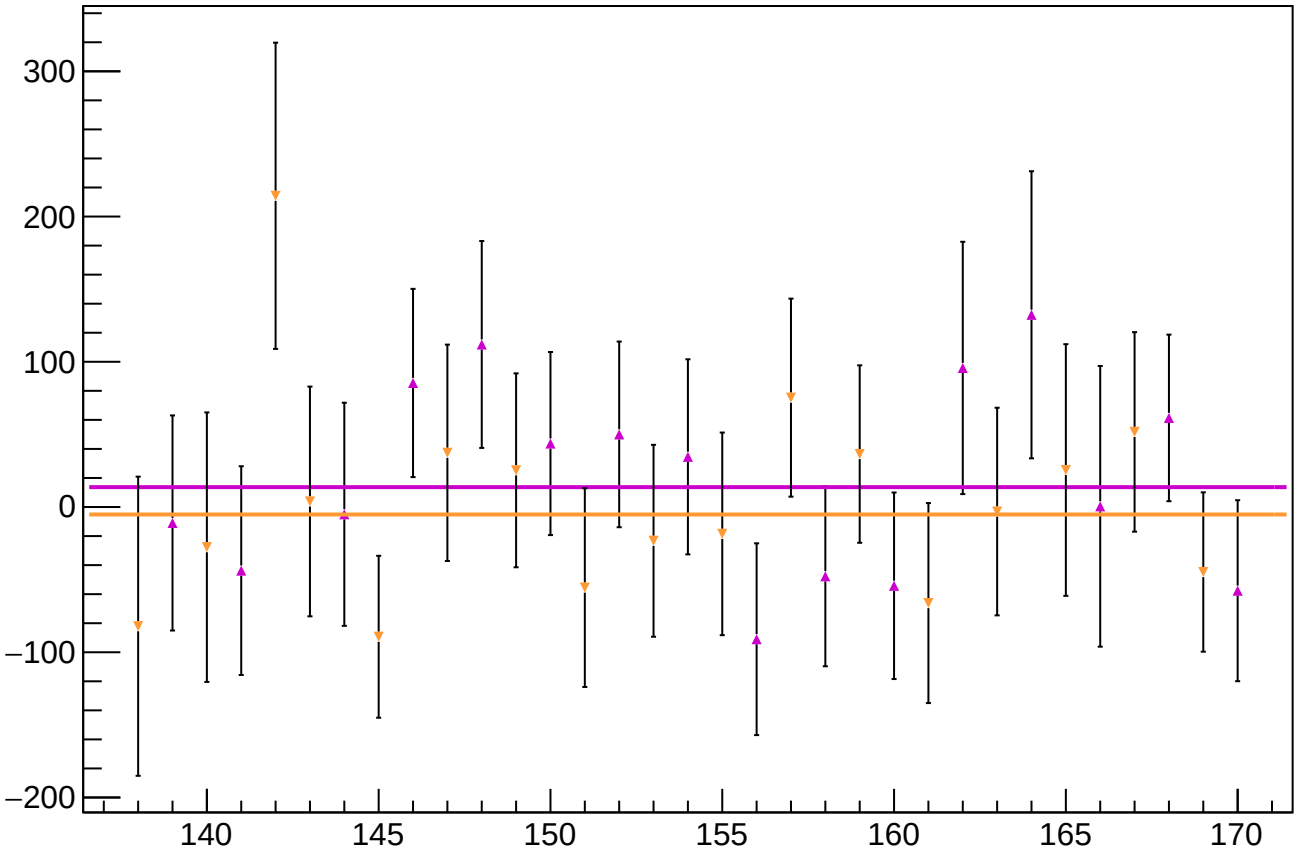
Left In: 529.075+/-0.109 χ^2/NDF:1473631.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 535.621+/-0.078 χ^2/NDF: 3110407.1/32

- 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: -5.137+/-17.144 χ^2/NDF:12.4/16

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

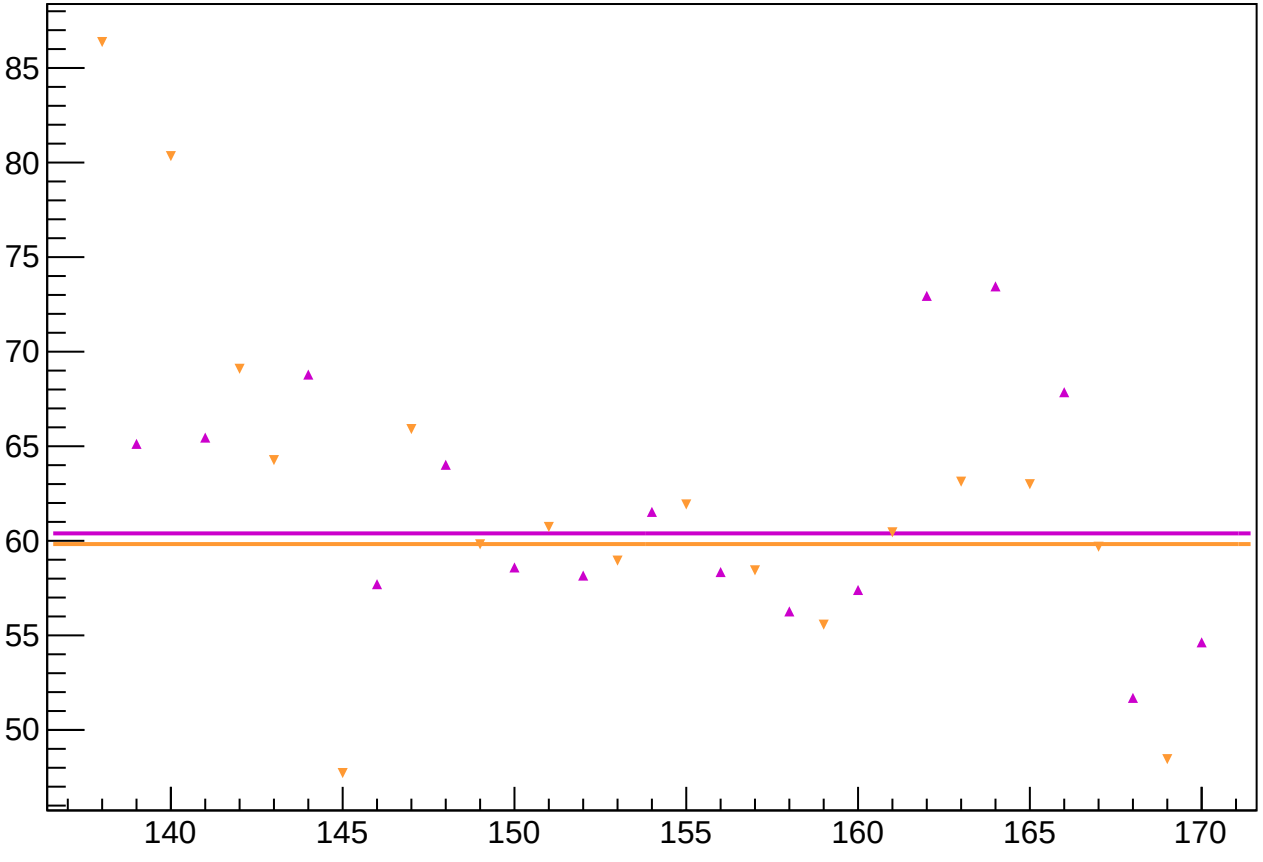
Left In: 13.689+/-17.316 χ^2/NDF:13.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.182+/-12.183 χ^2/NDF: 26.5/32

- 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: 59.828+/-0.012 χ^2/NDF:466122.9/16

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

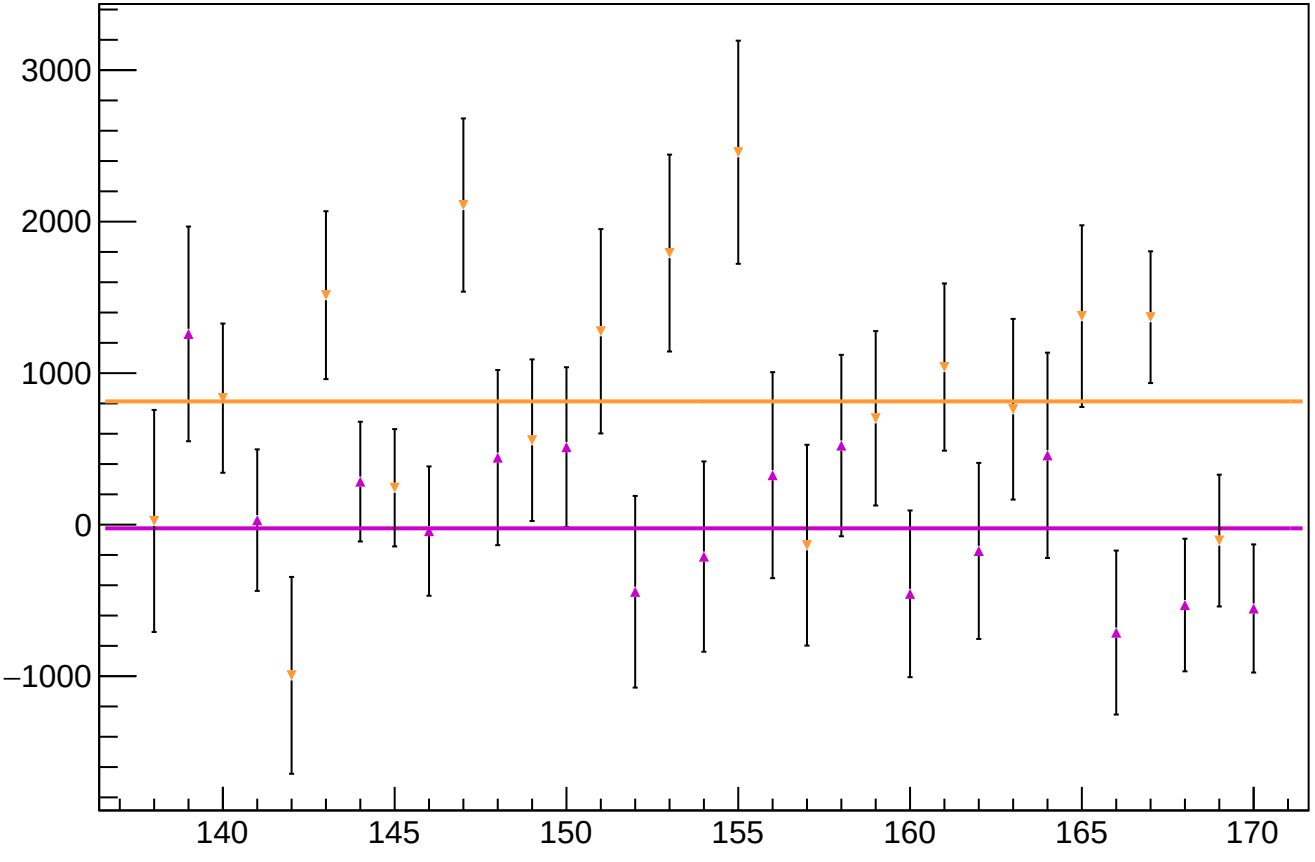
Left In: 60.393+/-0.012 χ^2/NDF:222167.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 60.107+/-0.009 χ^2/NDF: 689365.8/32

- 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: 813.535+/-133.609 χ^2/NDF:35.0/16

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

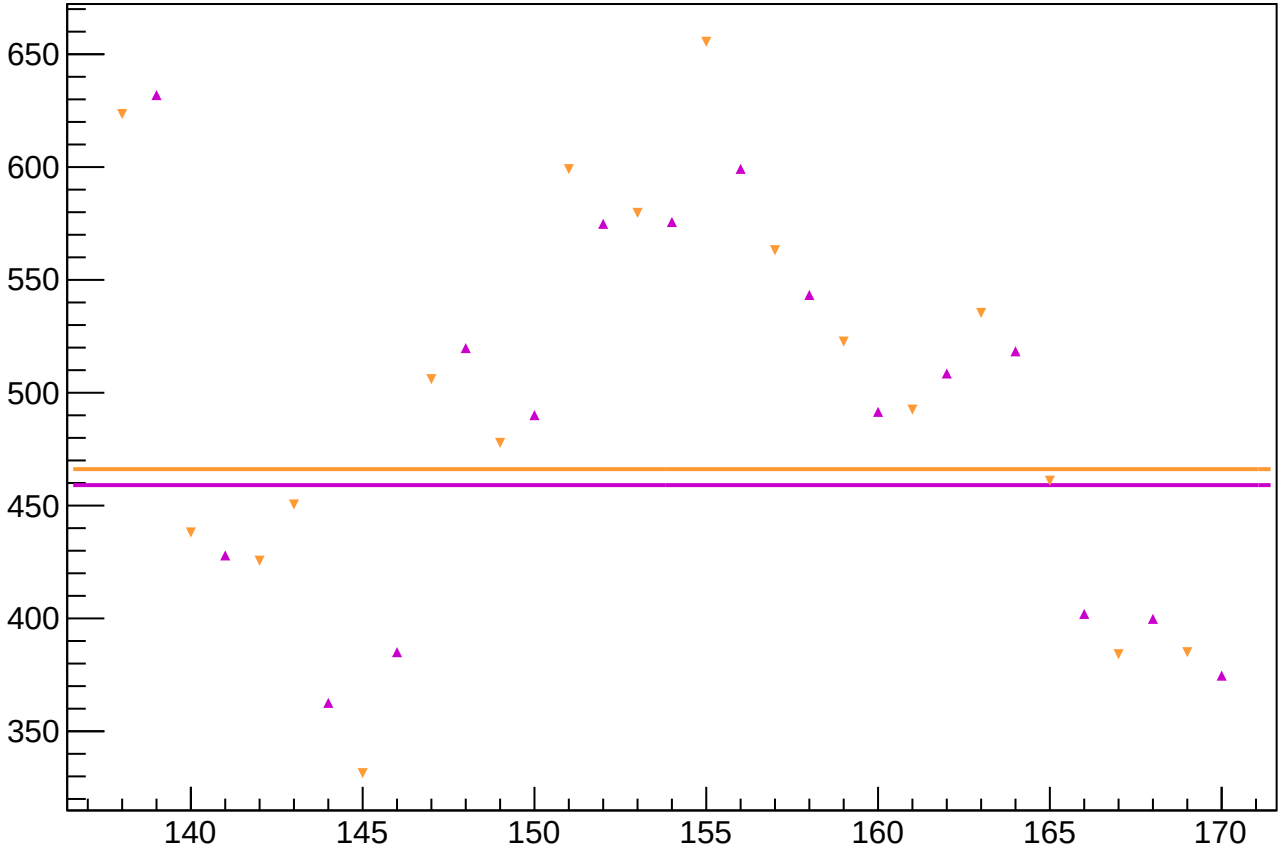
Left In: -24.321+/-131.626 χ^2/NDF:12.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 388.343+/-93.767 χ^2/NDF: 67.9/32

- 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: 466.152+/-0.094 χ^2/NDF:866421.5/16

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

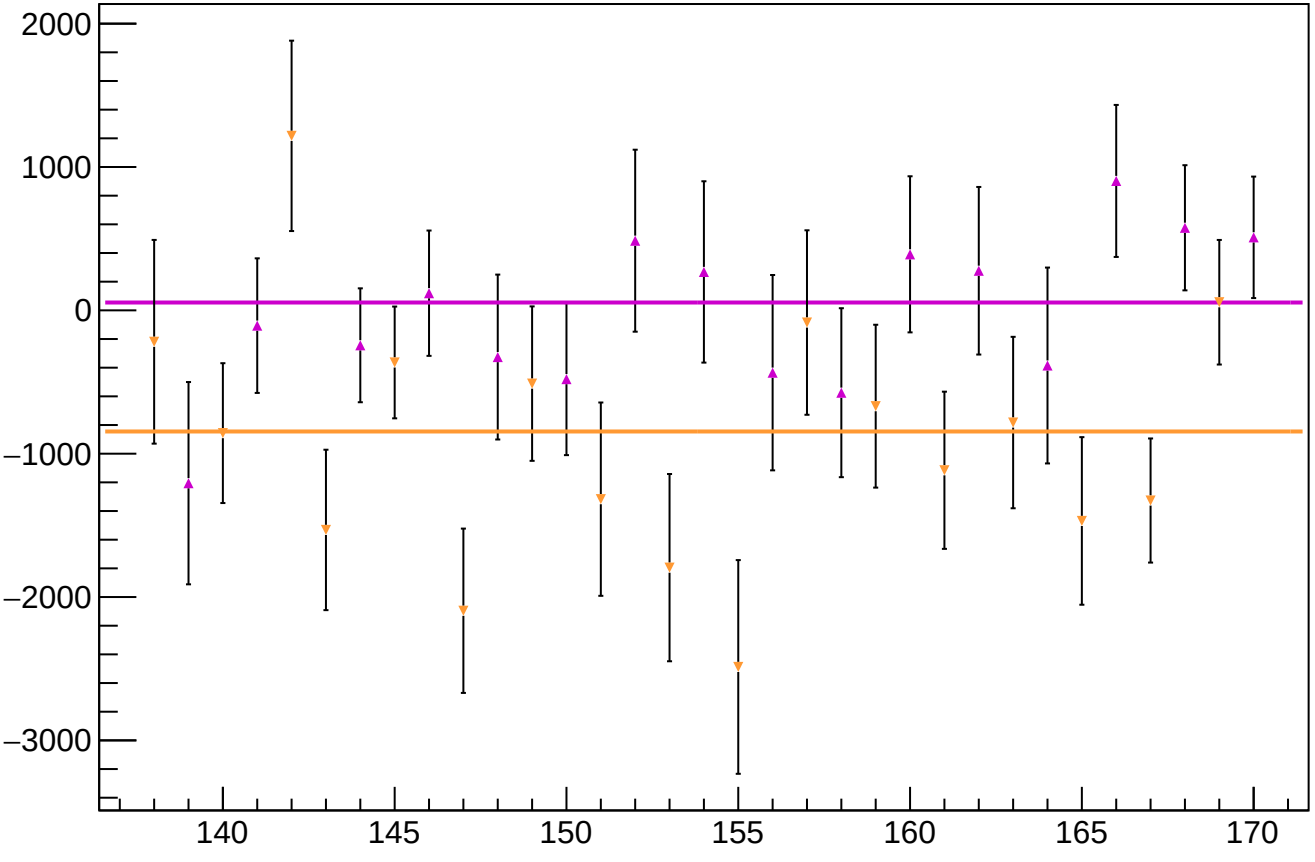
Left In: 459.068+/-0.093 χ^2/NDF:772265.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 462.557+/-0.066 χ^2/NDF: 1641539.5/32

- 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: -845.081+/-133.335 χ^2/NDF:34.5/16

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

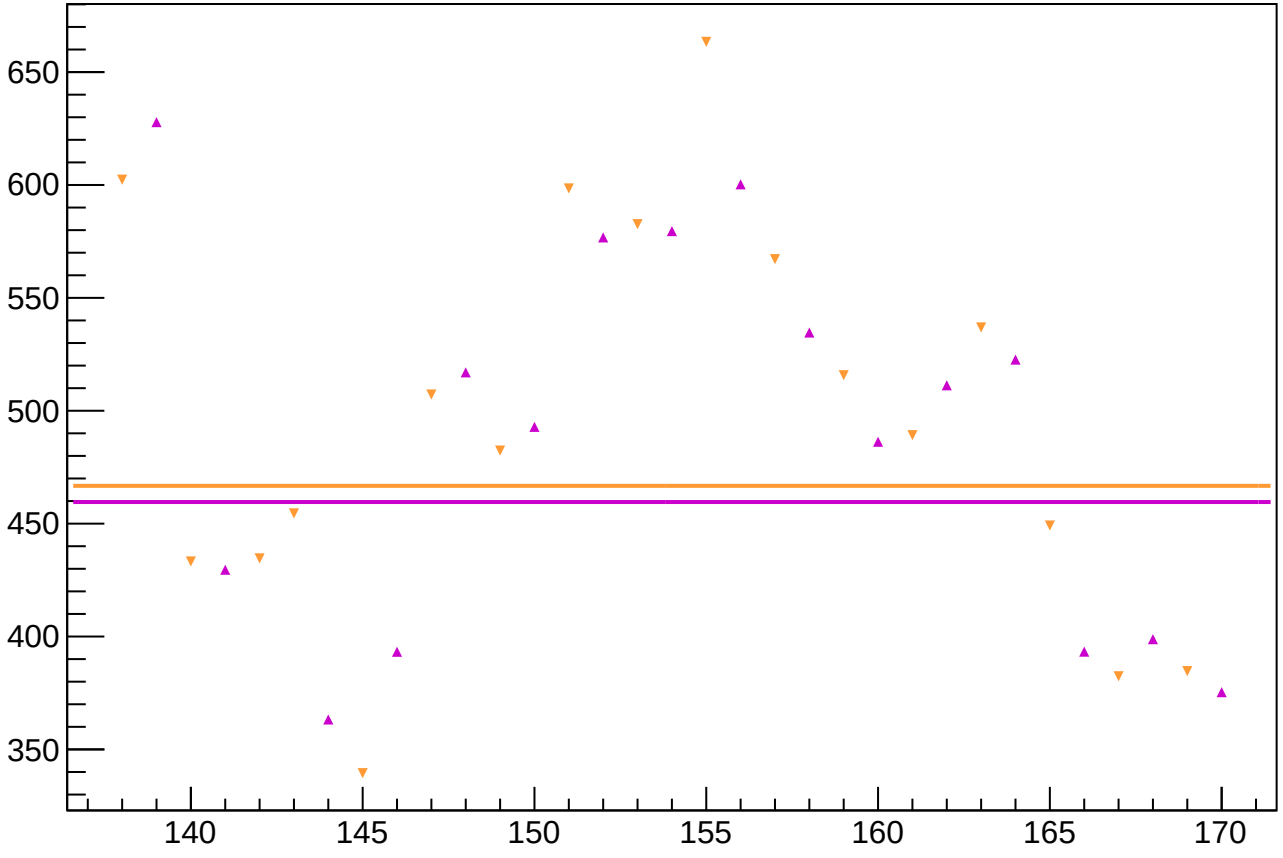
Left In: 54.654+/-131.855 χ^2/NDF:13.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -390.191+/-93.754 χ^2/NDF: 71.2/32

- 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: 466.744+/-0.094 χ^2/NDF:834619.3/16

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

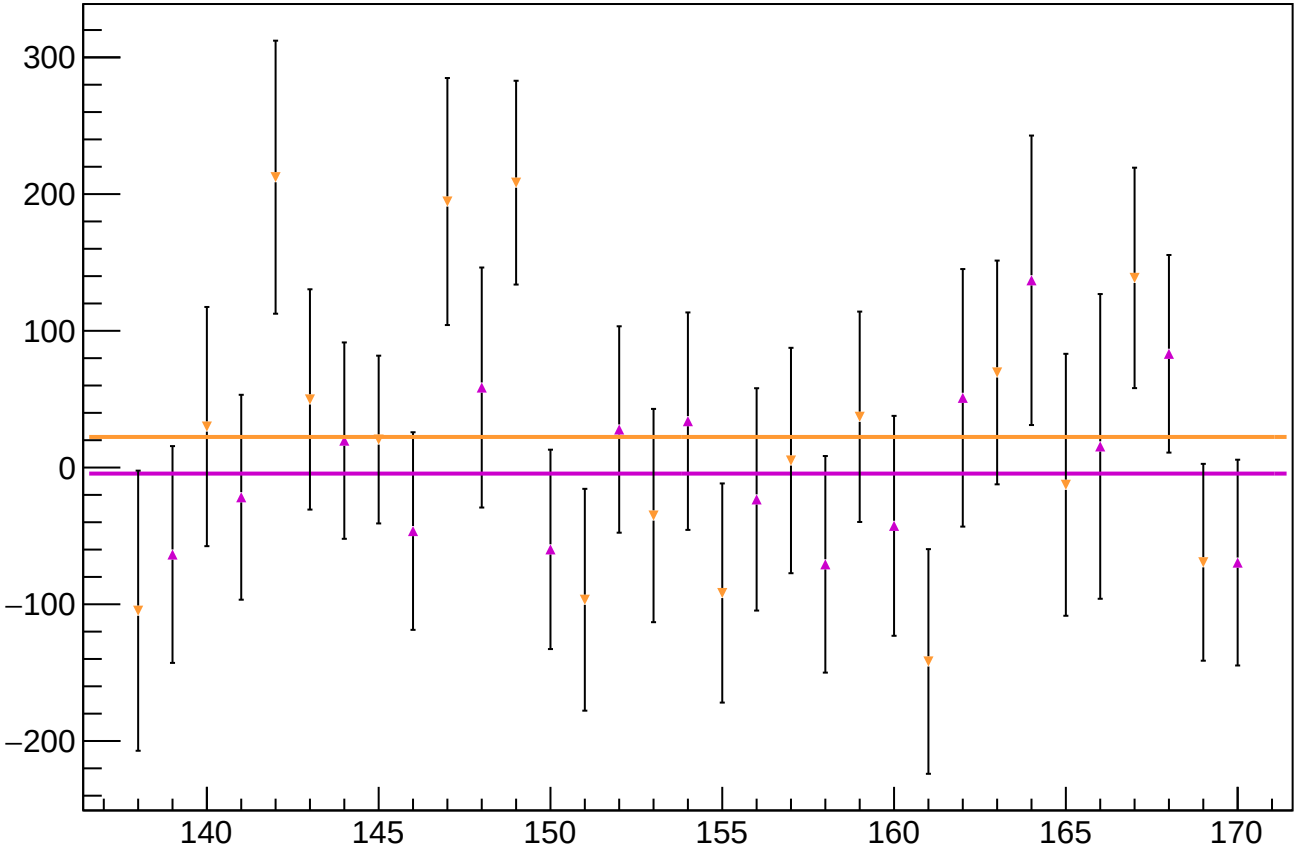
Left In: 459.571+/-0.093 χ^2/NDF:757676.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 463.117+/-0.066 χ^2/NDF: 1595222.6/32

- 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: 22.379+/-19.649 χ^2/NDF:28.1/16

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

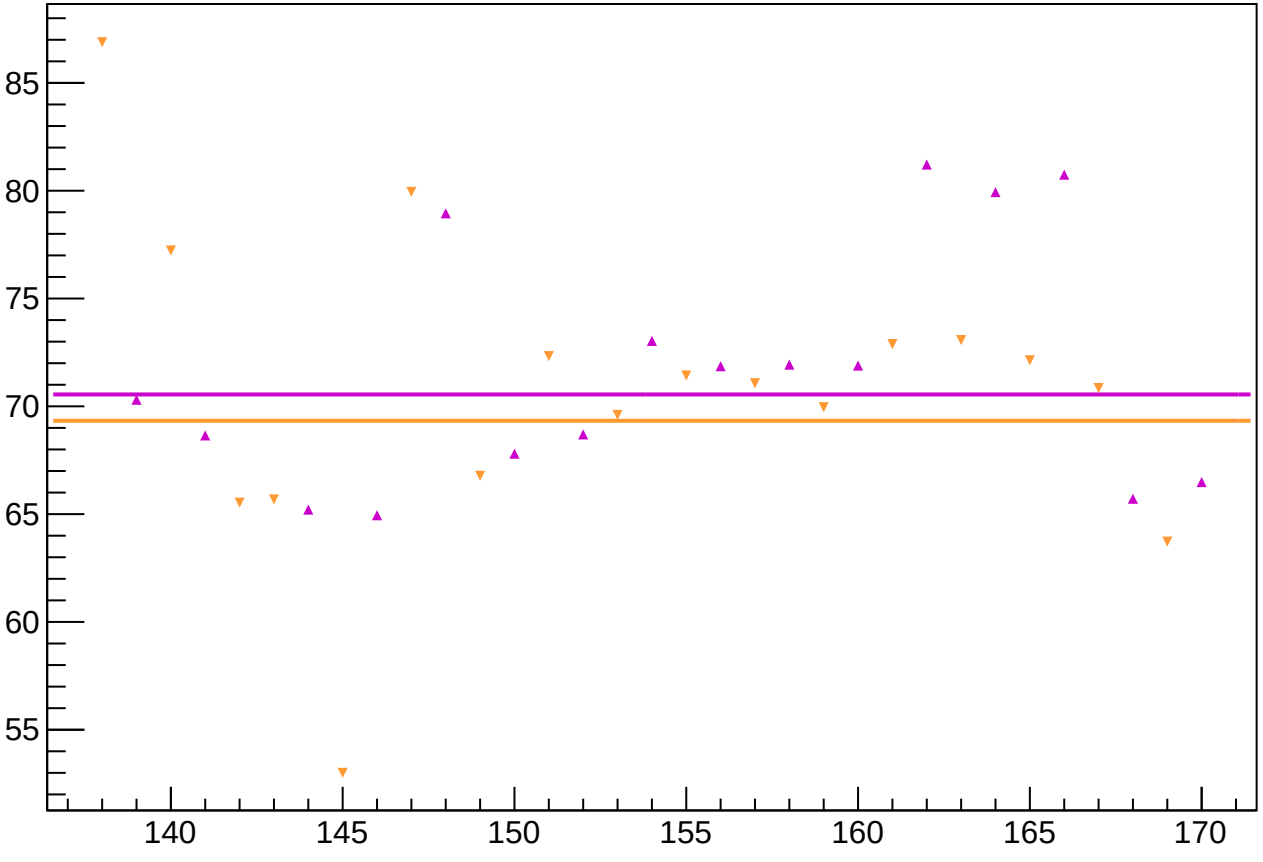
Left In: -4.419+/-20.041 χ^2/NDF:7.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.244+/-14.030 χ^2/NDF: 37.0/32

- 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: 69.330+/-0.014 χ^2/NDF:281354.7/16

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

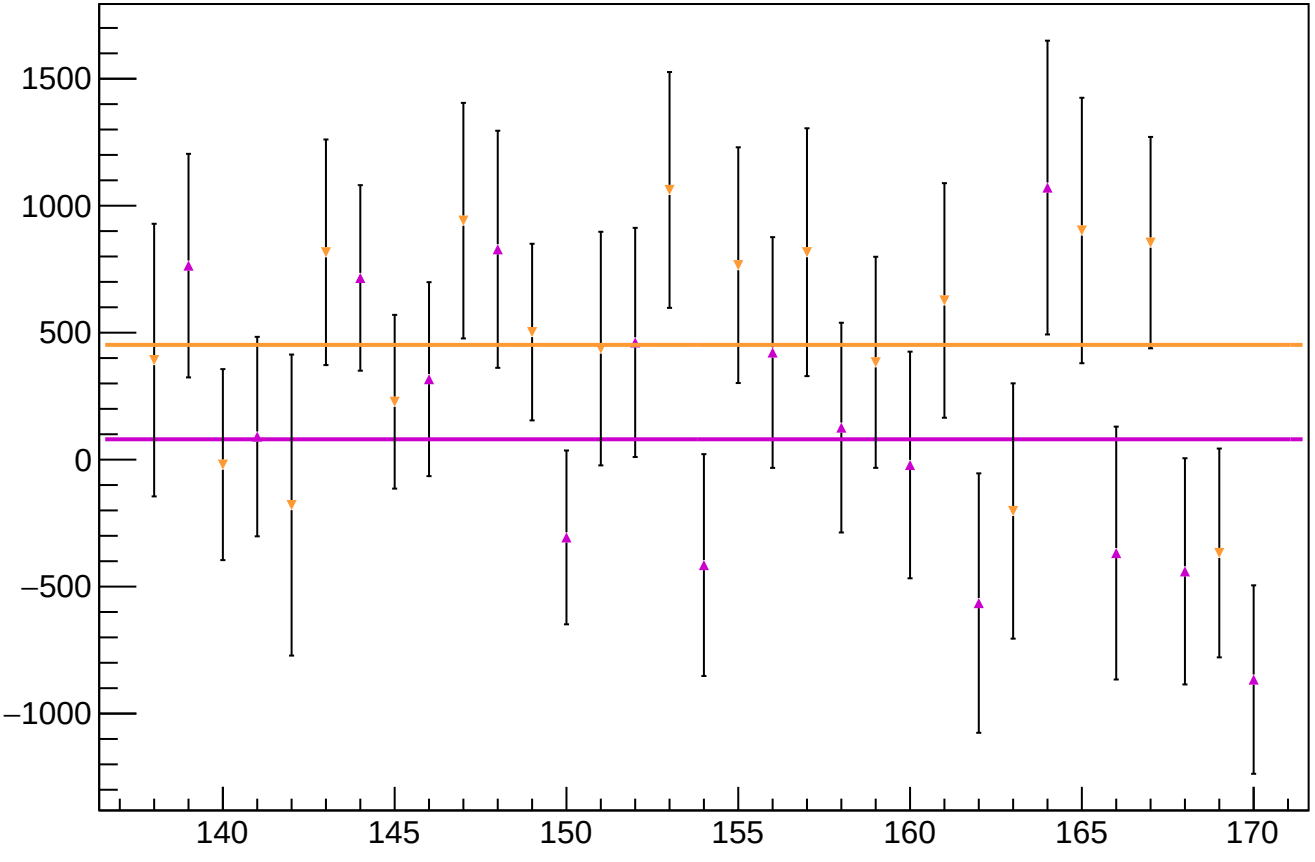
Left In: 70.550+/-0.014 χ^2/NDF:123256.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 69.928+/-0.010 χ^2/NDF: 408393.3/32

- 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: 451.904+/-106.661 χ^2/NDF:15.2/16

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

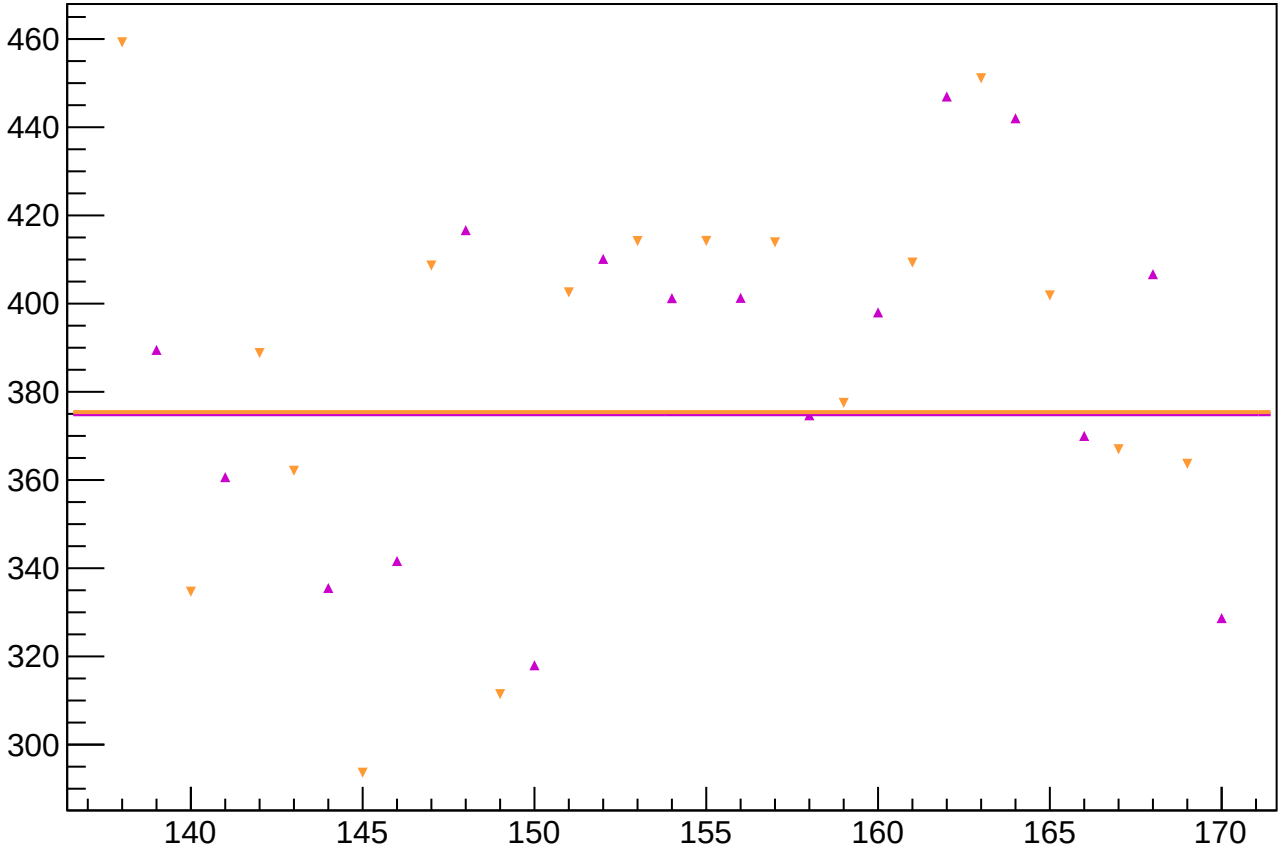
Left In: 80.163+/-106.510 χ^2/NDF:25.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 265.771+/-75.367 χ^2/NDF: 46.8/32

- 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: 375.401+/-0.075 χ^2/NDF:378360.7/16

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

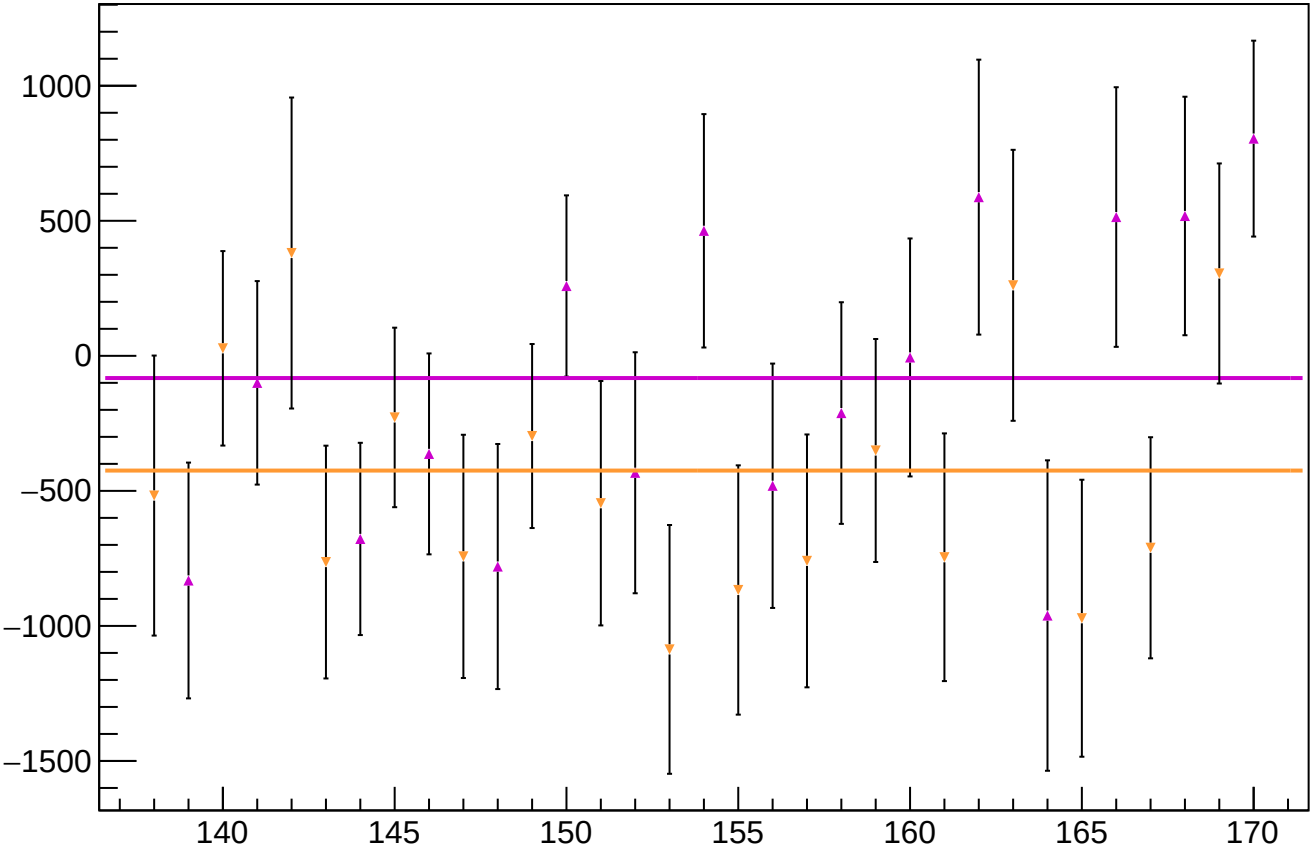
Left In: 374.918+/-0.075 χ^2/NDF:254245.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 375.159+/-0.053 χ^2/NDF: 632626.5/32

- 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: -424.784+/-104.437 χ^2/NDF:16.0/16

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

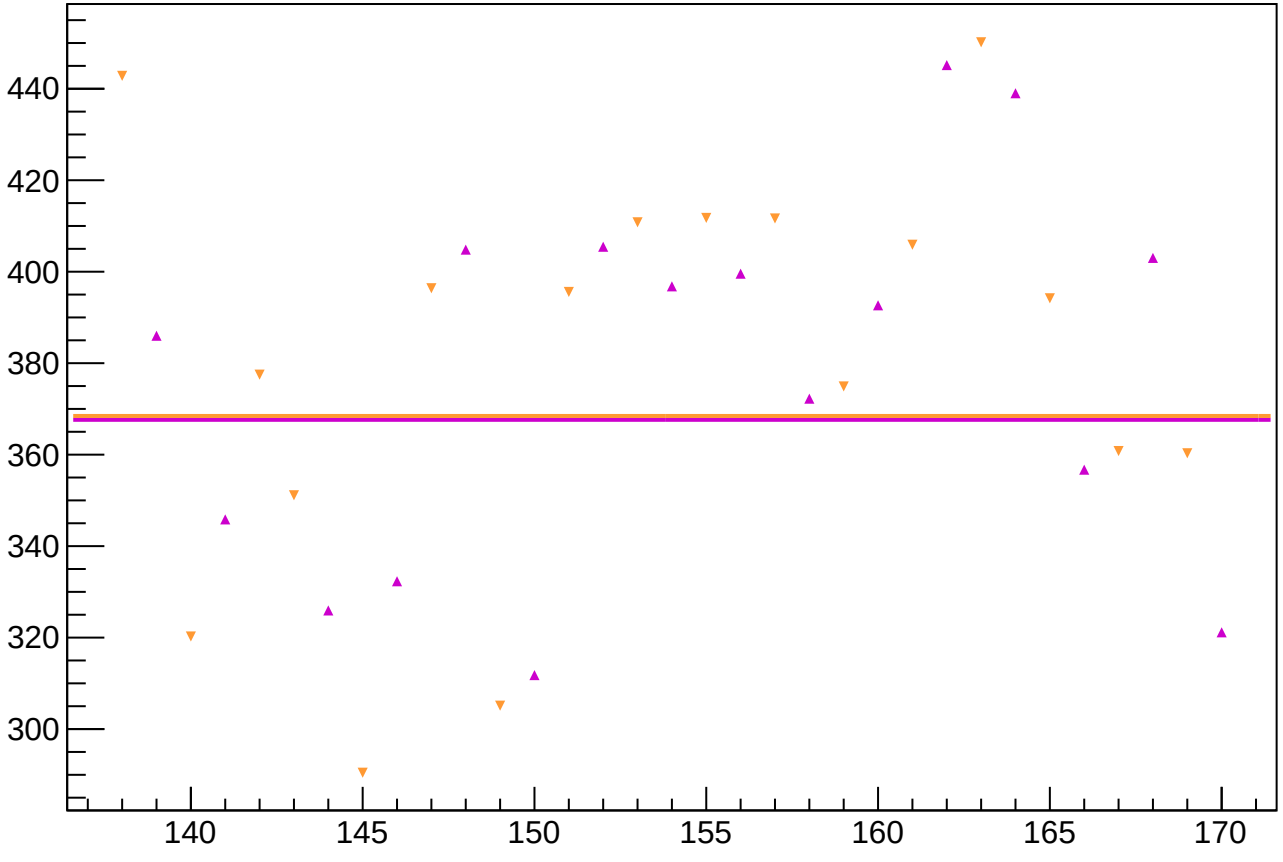
Left In: -82.249+/-104.569 χ^2/NDF:26.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -253.734+/-73.895 χ^2/NDF: 47.6/32

- 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: 368.461+/-0.074 χ^2/NDF:399850.9/16

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

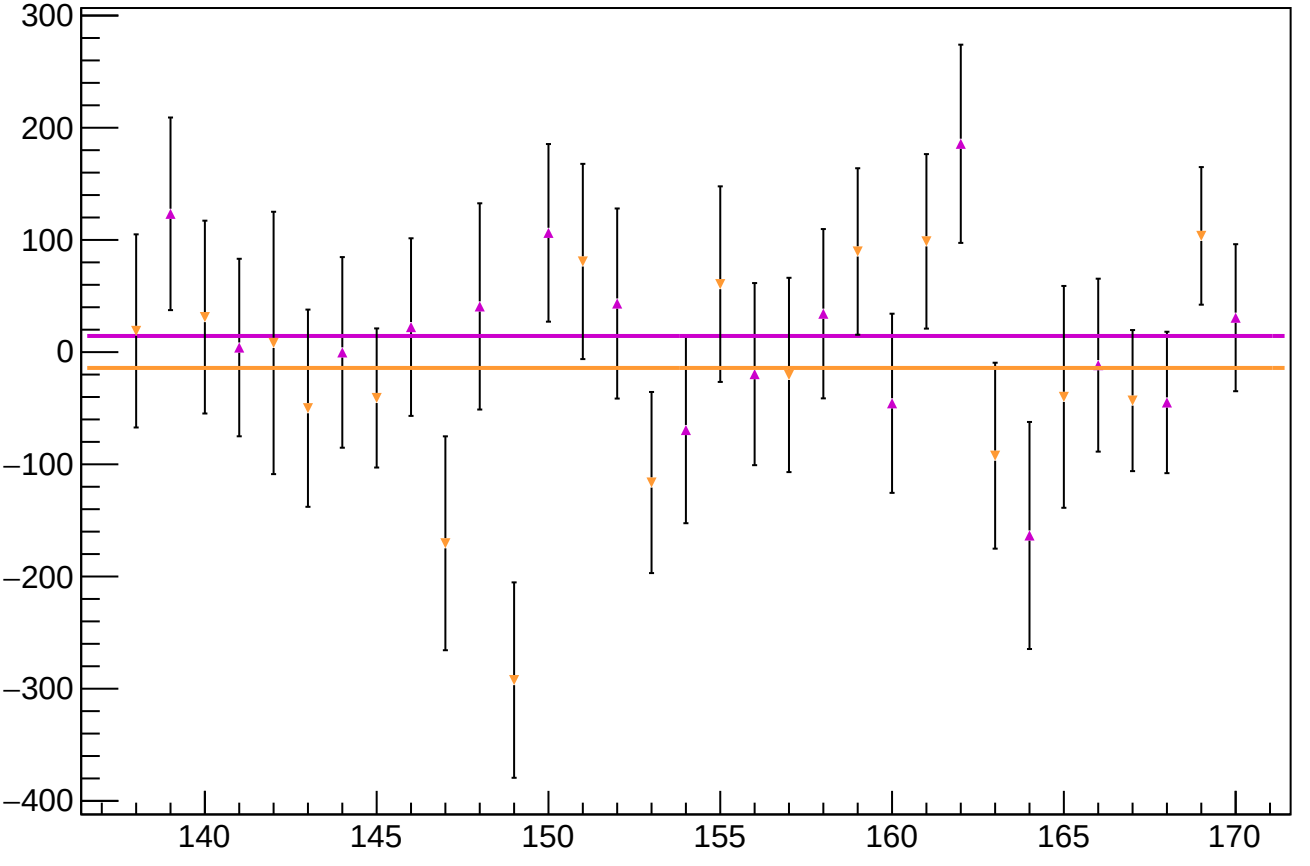
Left In: 367.618+/-0.074 χ^2/NDF:288622.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 368.040+/-0.052 χ^2/NDF: 688538.1/32

- 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: -14.095+/-19.465 χ^2/NDF:26.2/16

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

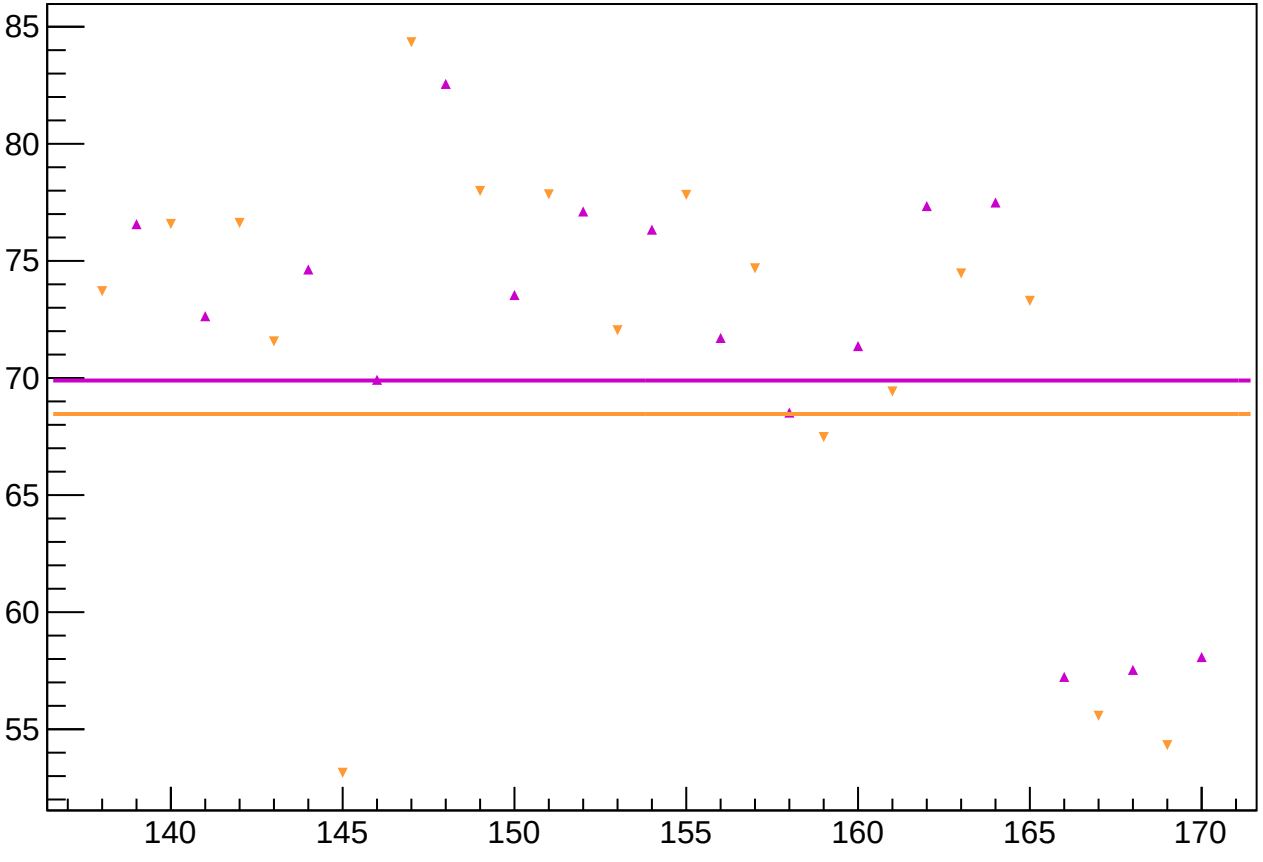
Left In: 14.404+/-19.925 χ^2/NDF:12.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.178+/-13.924 χ^2/NDF: 40.2/32

- 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: 68.463+/-0.014 χ^2/NDF:505837.2/16

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

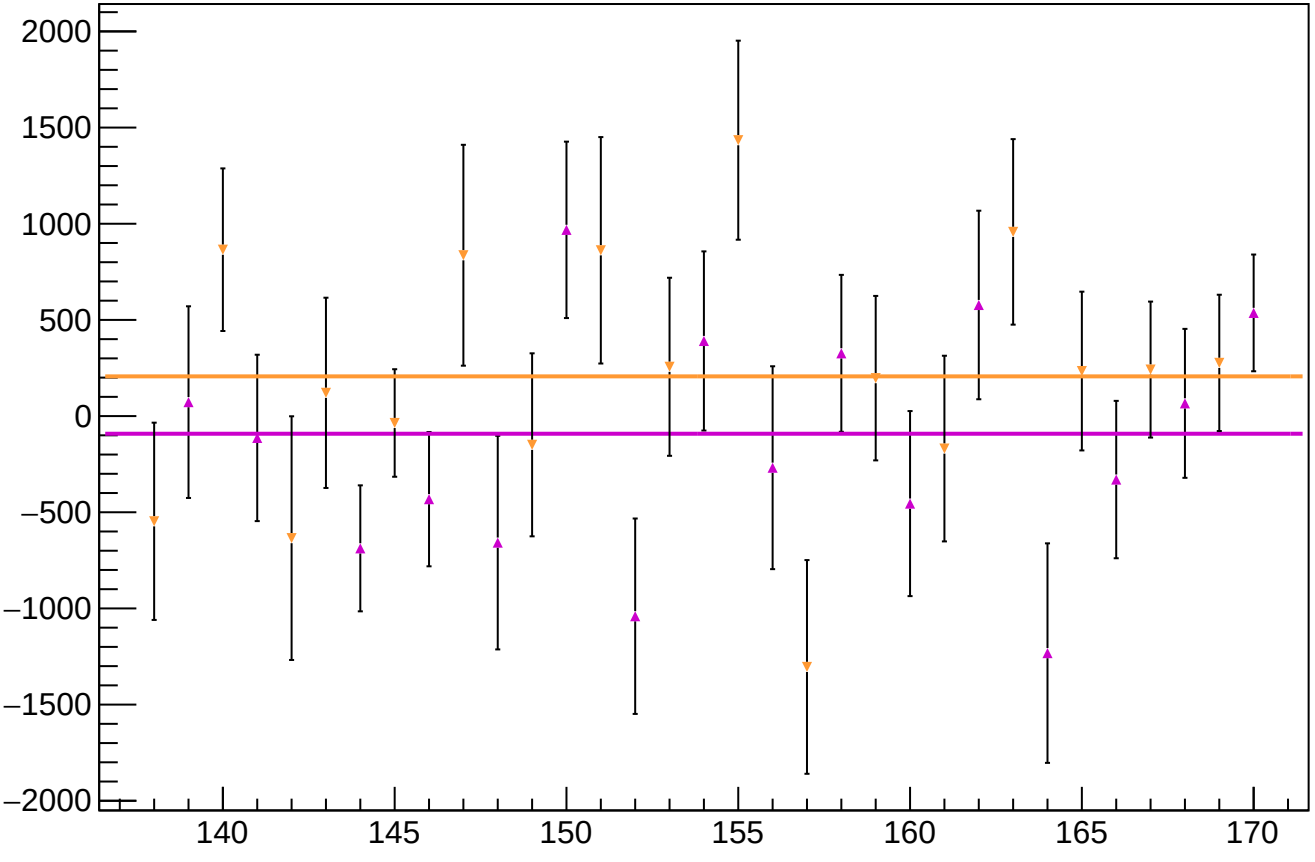
Left In: 69.893+/-0.014 χ^2/NDF:313181.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 69.161+/-0.010 χ^2/NDF: 824290.0/32

- 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: 206.481+/-107.420 χ^2/NDF:26.3/16

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

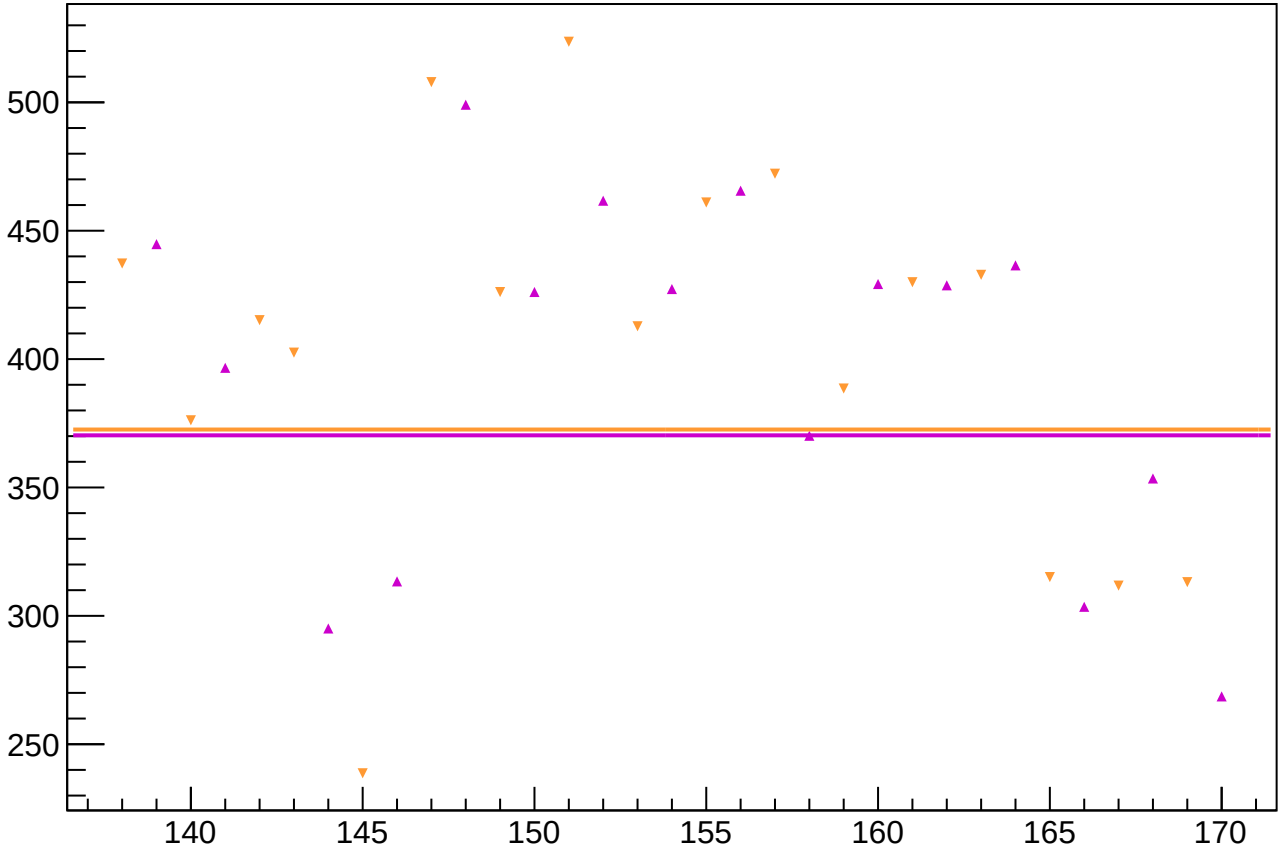
Left In: -91.783+/-106.572 χ^2/NDF:27.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 56.167+/-75.656 χ^2/NDF: 57.8/32

- 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: 372.569+/-0.076 χ^2/NDF:1129559.4/16

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

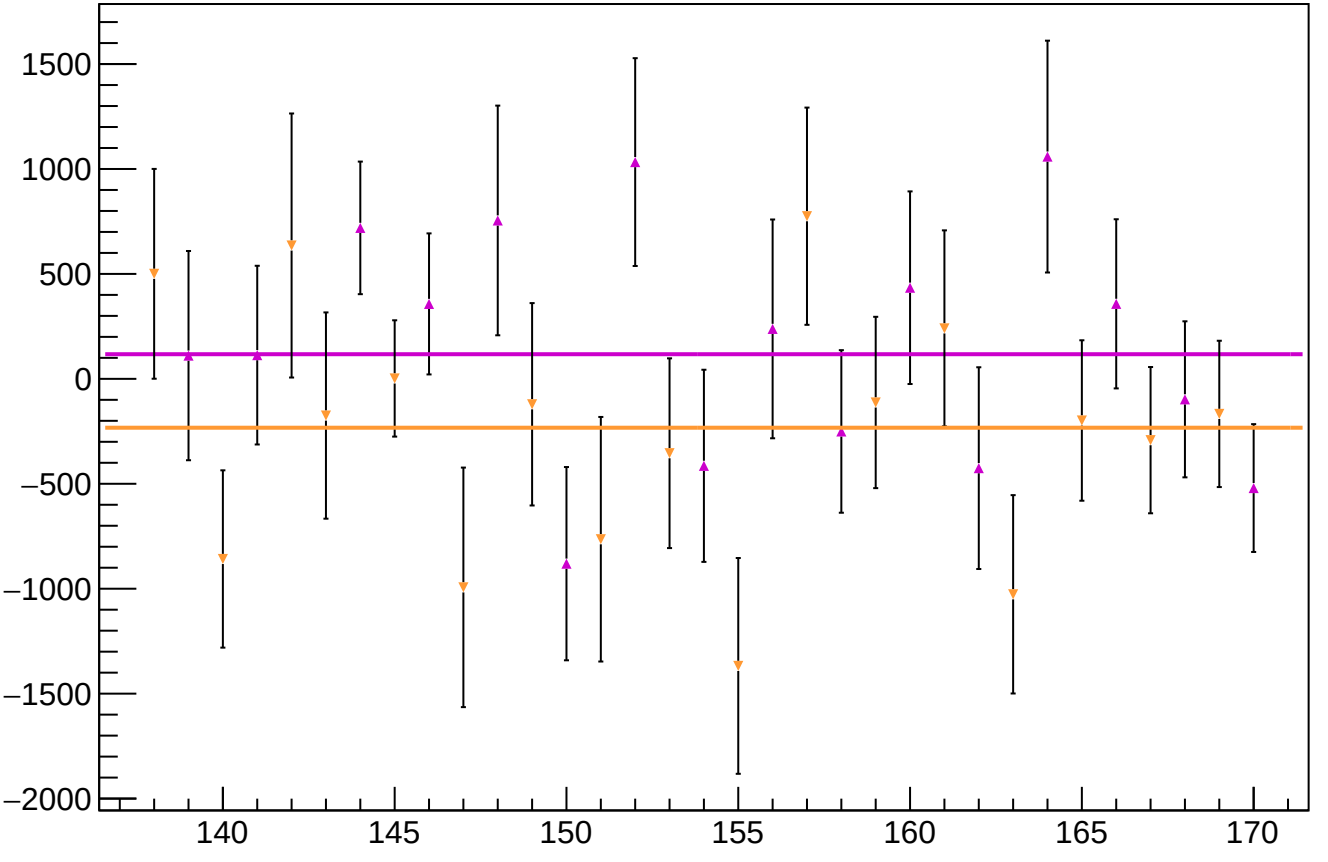
Left In: 370.309+/-0.075 χ^2/NDF:874745.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 371.430+/-0.053 χ^2/NDF: 2004750.5/32

- 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: -232.855+/-105.180 χ^2/NDF:22.4/16

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

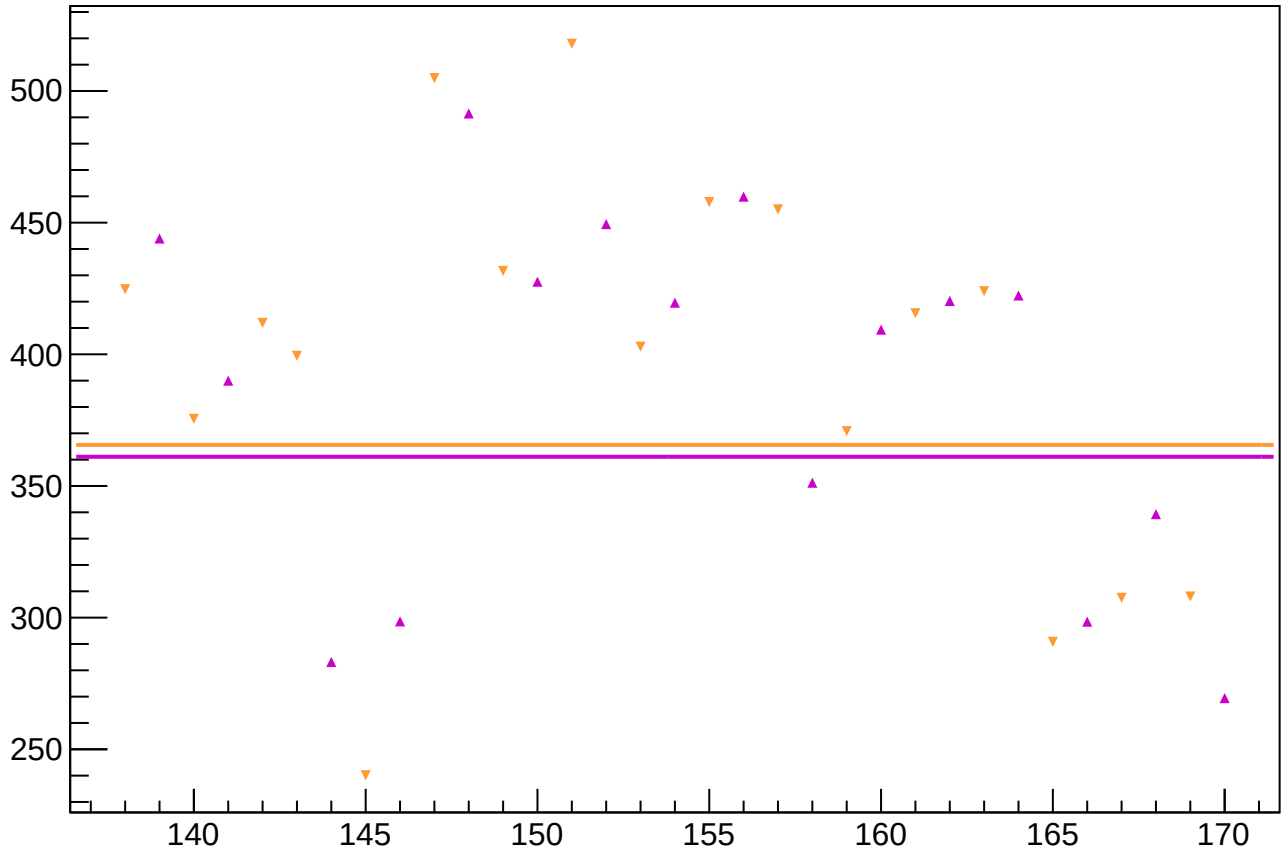
Left In: 117.386+/-104.143 χ^2/NDF:25.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -55.999+/-74.004 χ^2/NDF: 53.6/32

- 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: 365.593+/-0.074 χ^2/NDF:1130950.1/16

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

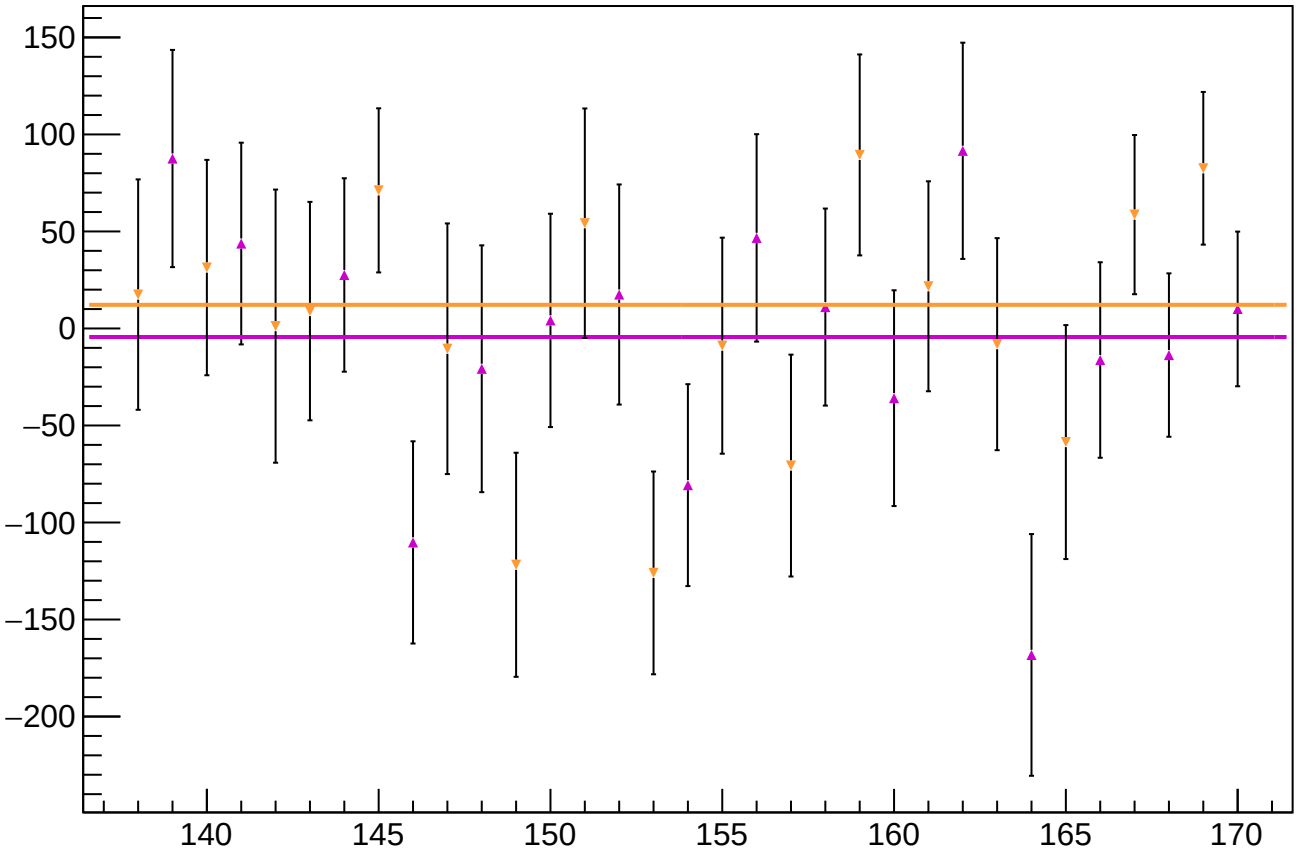
Left In: 361.090+/-0.074 χ^2/NDF:893539.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 363.320+/-0.052 χ^2/NDF: 2026340.5/32

- 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: 12.190+/-12.835 χ^2/NDF:25.6/16

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

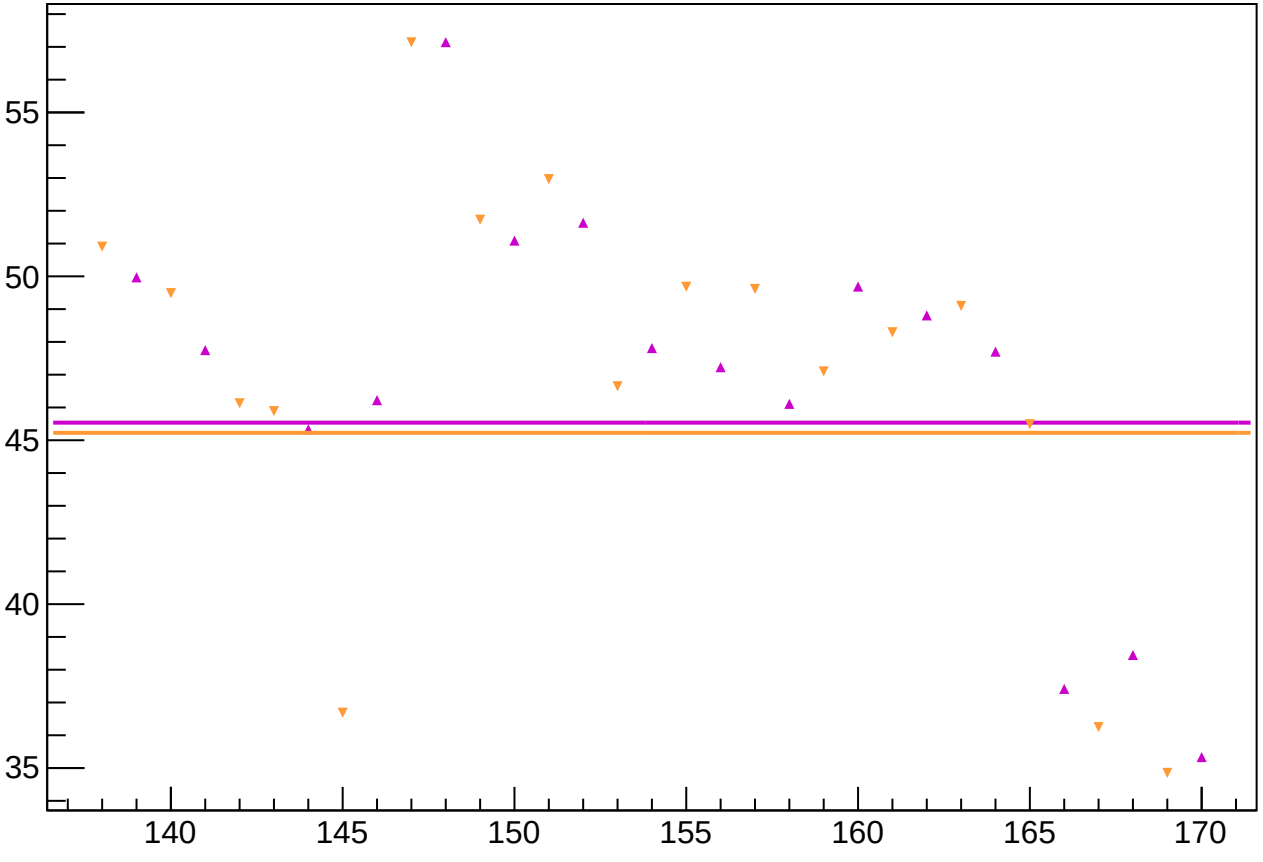
Left In: -4.406+/-12.967 χ^2/NDF:21.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.977+/-9.122 χ^2/NDF: 48.4/32

- 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: 45.228+/-0.009 χ^2/NDF:519845.6/16

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

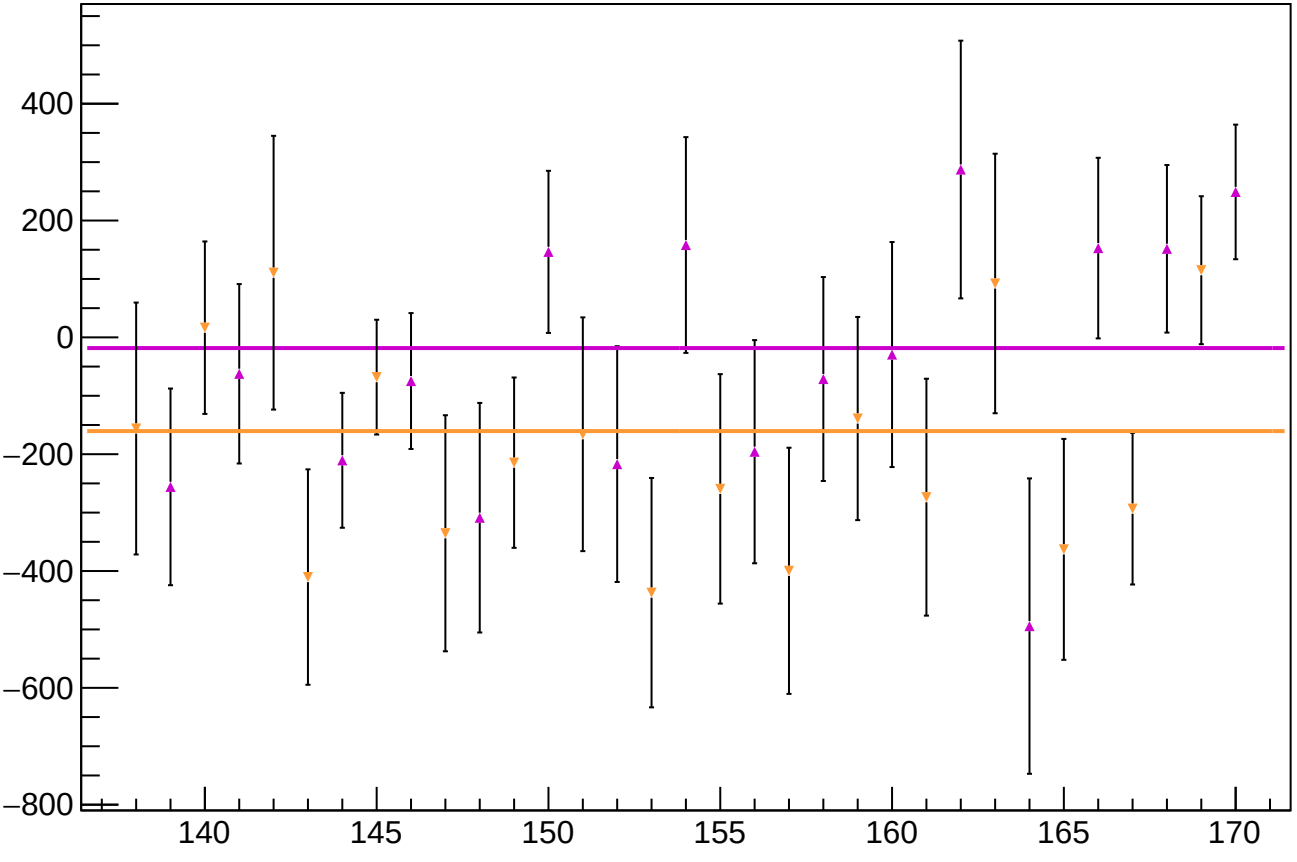
Left In: 45.537+/-0.009 χ^2/NDF:392882.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 45.381+/-0.006 χ^2/NDF: 913303.1/32

- 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: -160.449+/-40.266 χ^2/NDF:18.5/16

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

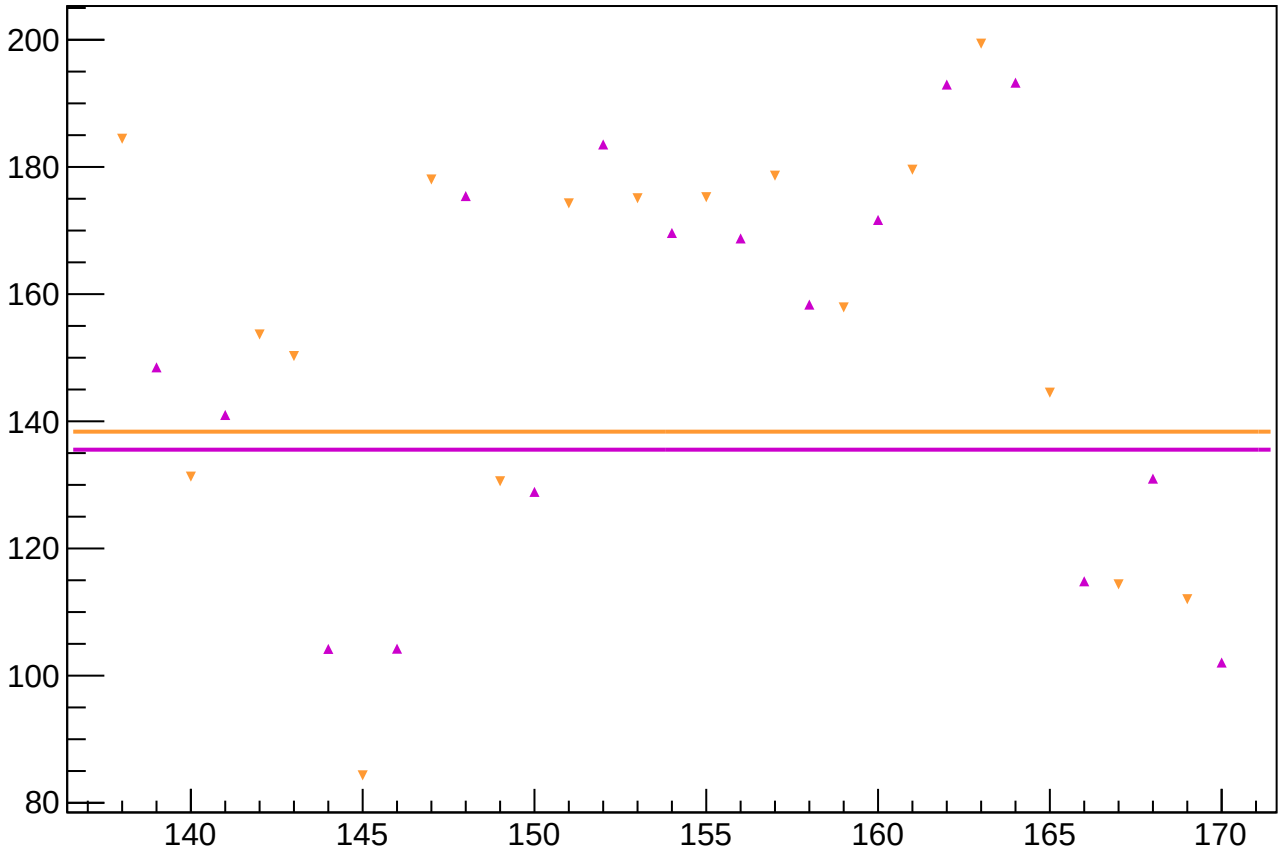
Left In: -18.330+/-39.301 χ^2/NDF:25.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -87.665+/-28.125 χ^2/NDF: 49.8/32

- 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: 138.372+/-0.028 χ^2/NDF:1494289.1/16

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

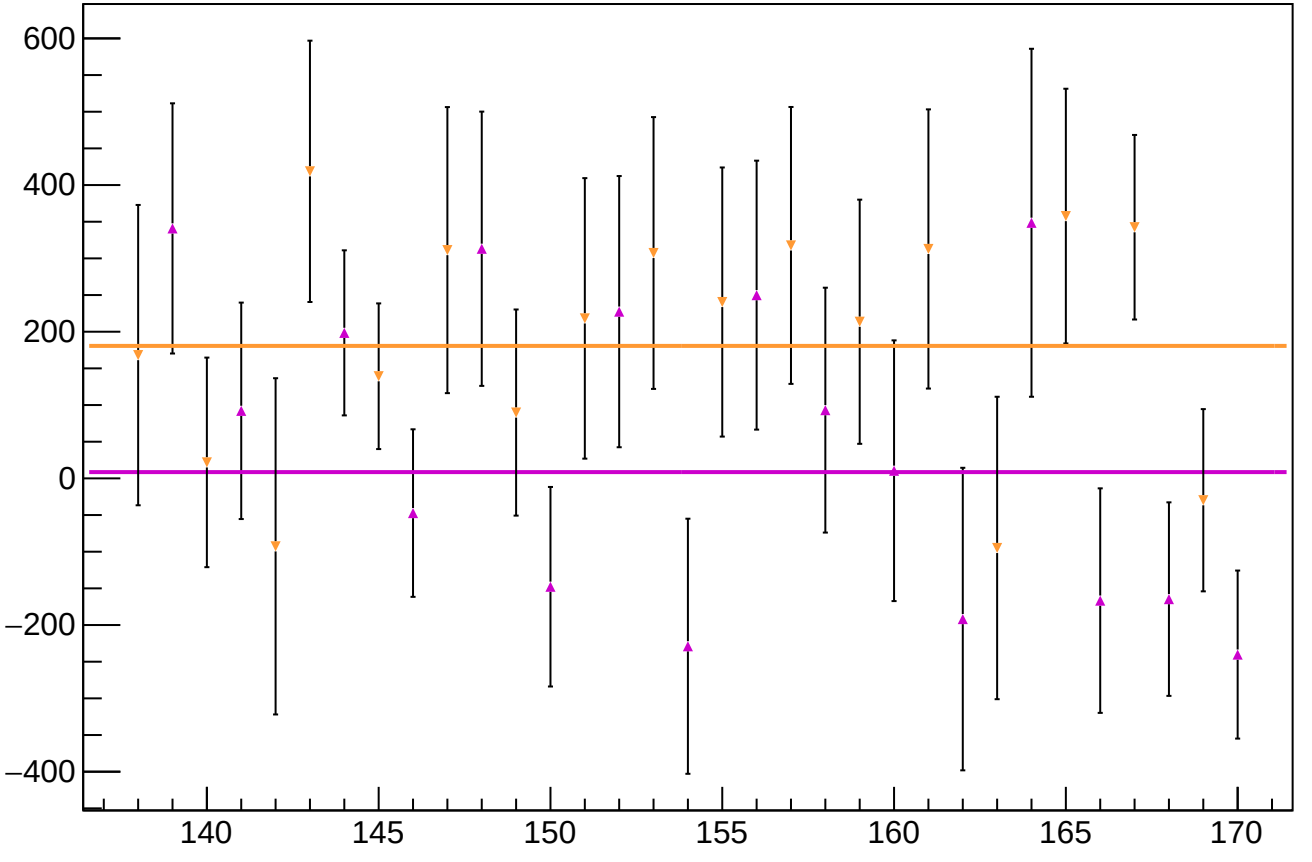
Left In: 135.537+/-0.028 χ^2/NDF:1186086.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 136.920+/-0.020 χ^2/NDF: 2685452.6/32

- 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: 180.664+/-38.806 χ^2/NDF:14.5/16

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

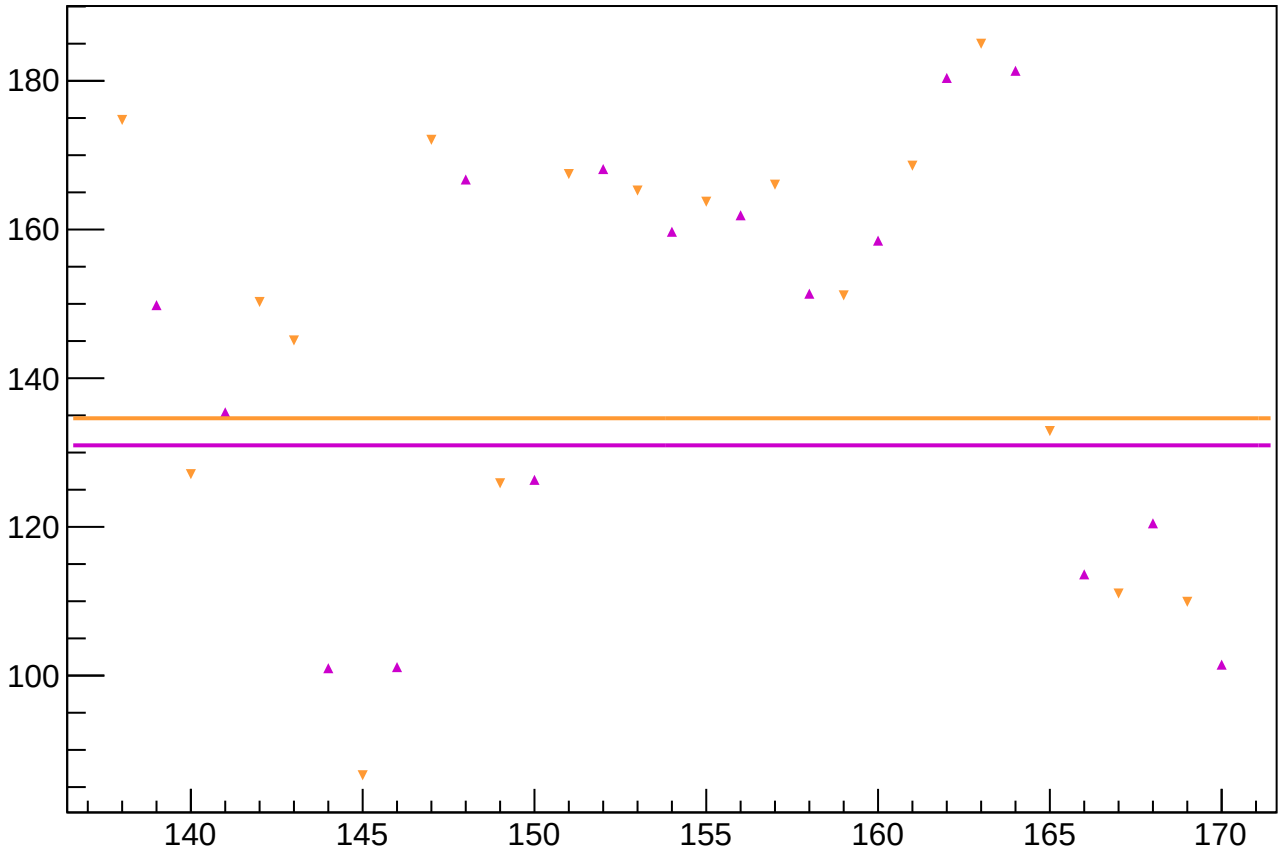
Left In: 8.550+/-37.919 χ^2/NDF:27.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 92.616+/-27.121 χ^2/NDF: 51.7/32

- 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: 134.611+/-0.027 χ^2/NDF:1219132.6/16

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

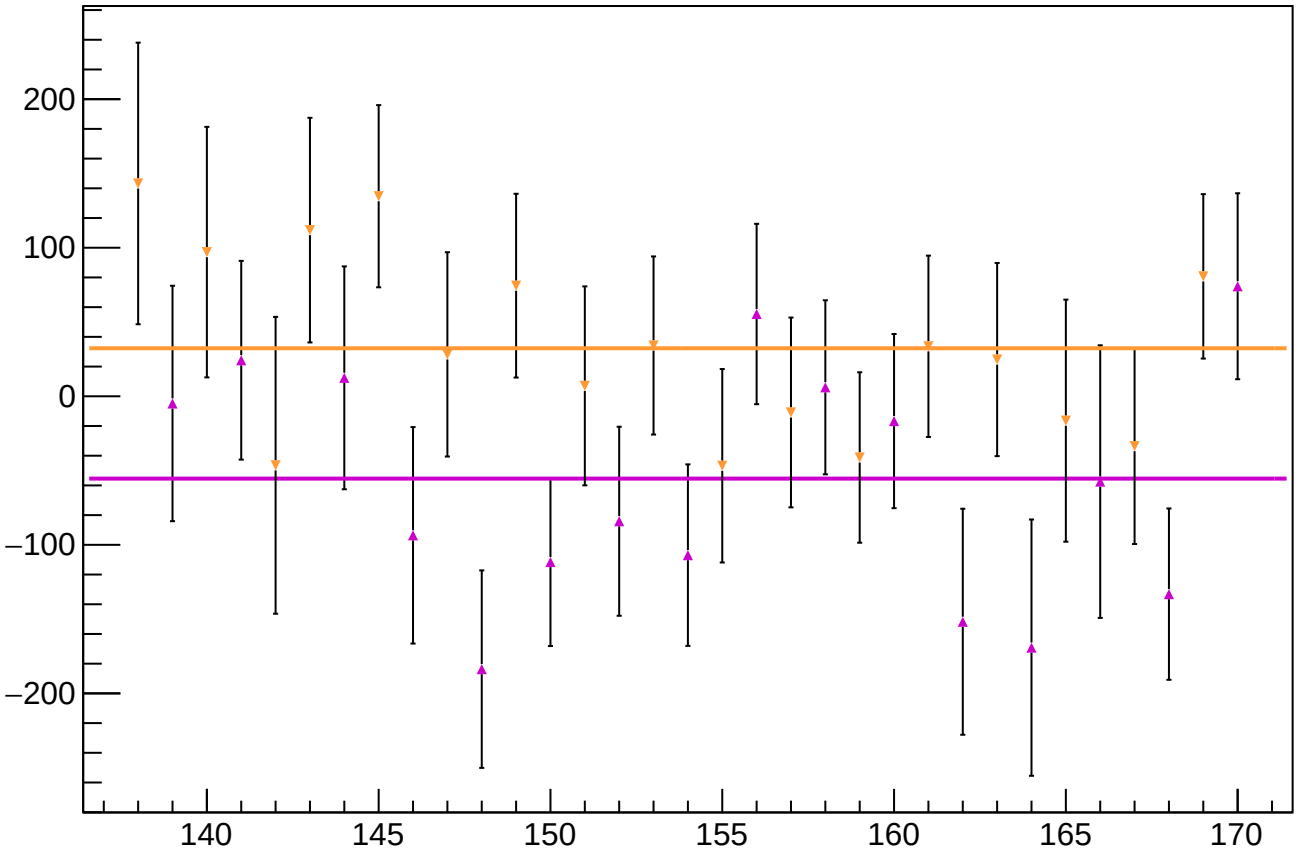
Left In: 130.970+/-0.027 χ^2/NDF:1026013.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 132.749+/-0.019 χ^2/NDF: 2254154.4/32

- 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: 32.322+/-16.299 χ^2/NDF:12.8/16

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

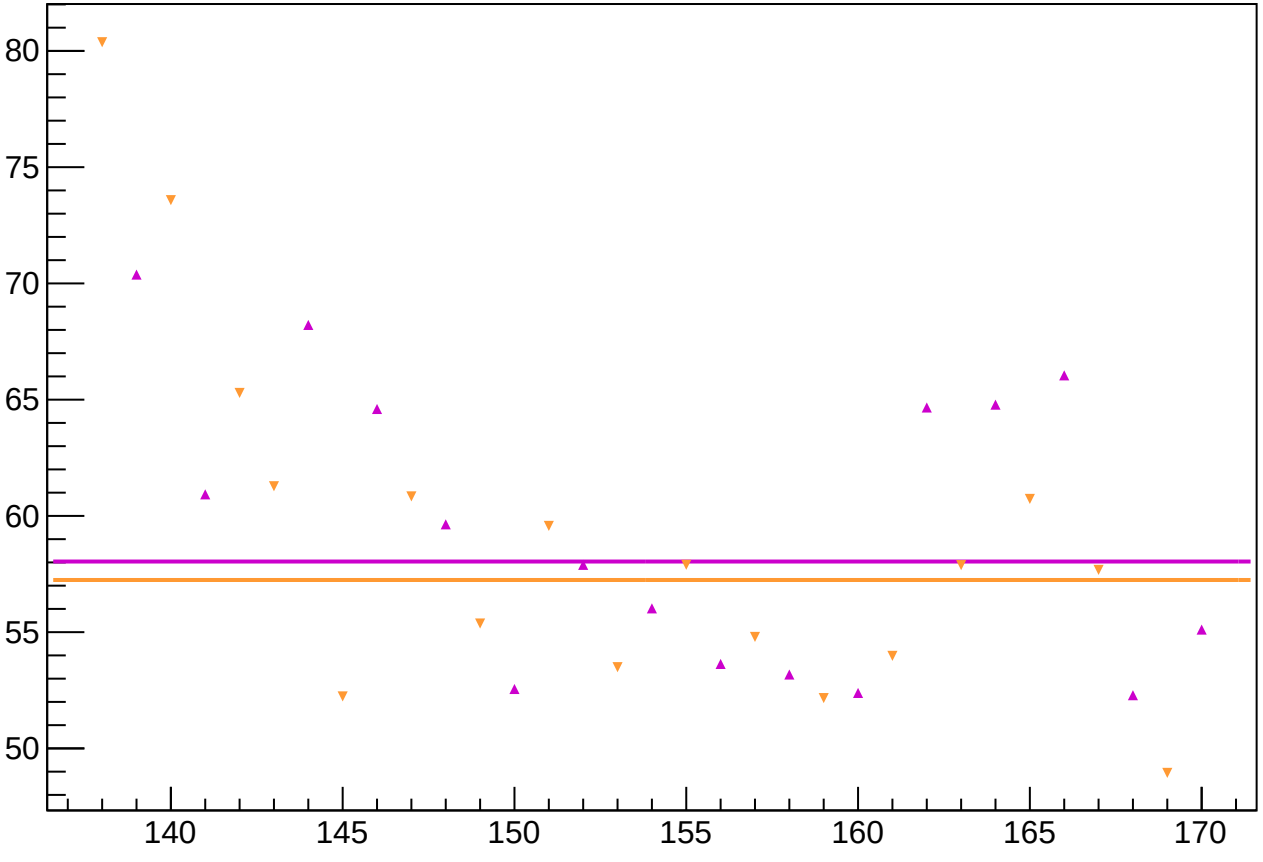
Left In: -55.418+/-16.579 χ^2/NDF:22.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.802+/-11.623 χ^2/NDF: 49.9/32

- 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: 57.244+/-0.012 χ^2/NDF:317173.4/16

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

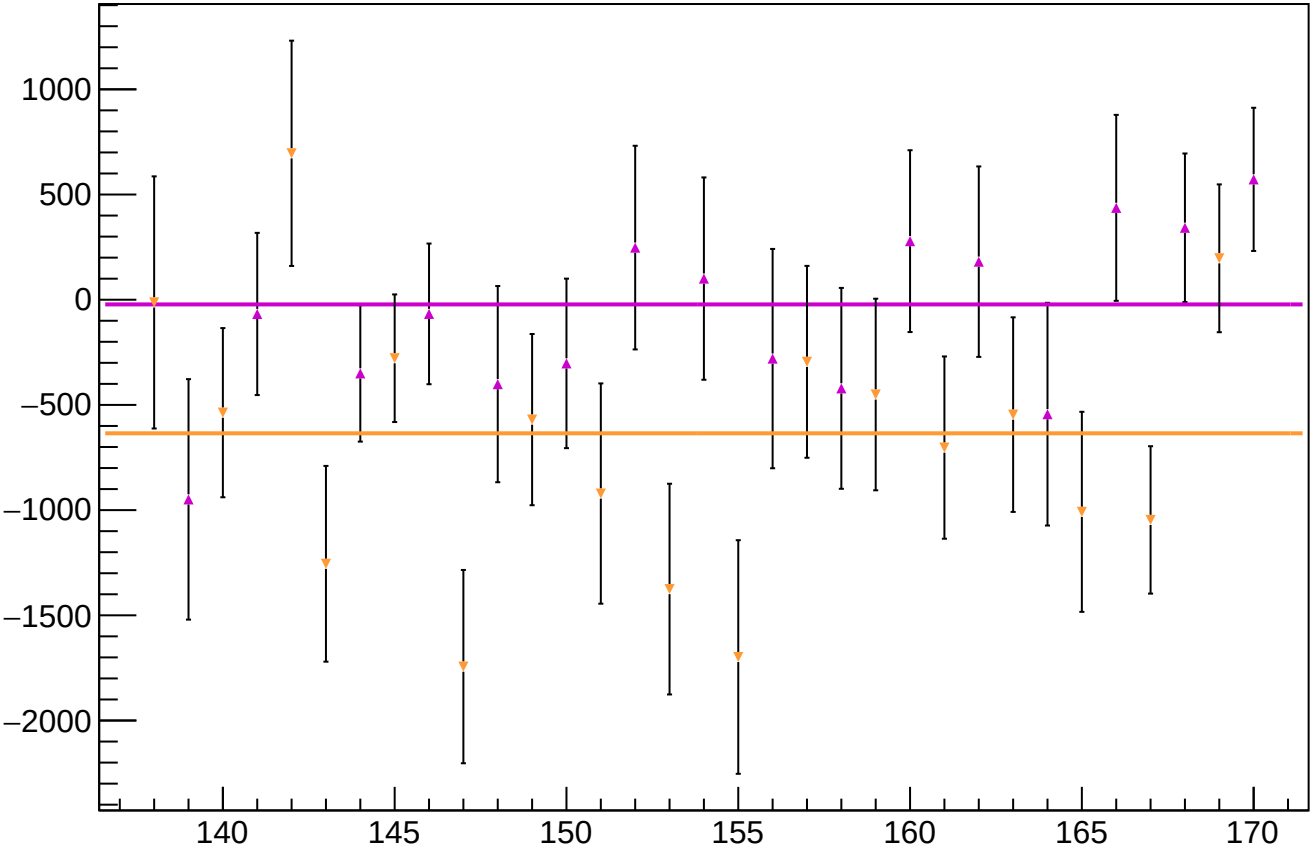
Left In: 58.038+/-0.012 χ^2/NDF:237192.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 57.634+/-0.008 χ^2/NDF: 556699.7/32

- 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: -634.950+/-105.452 χ^2/NDF:30.9/16

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

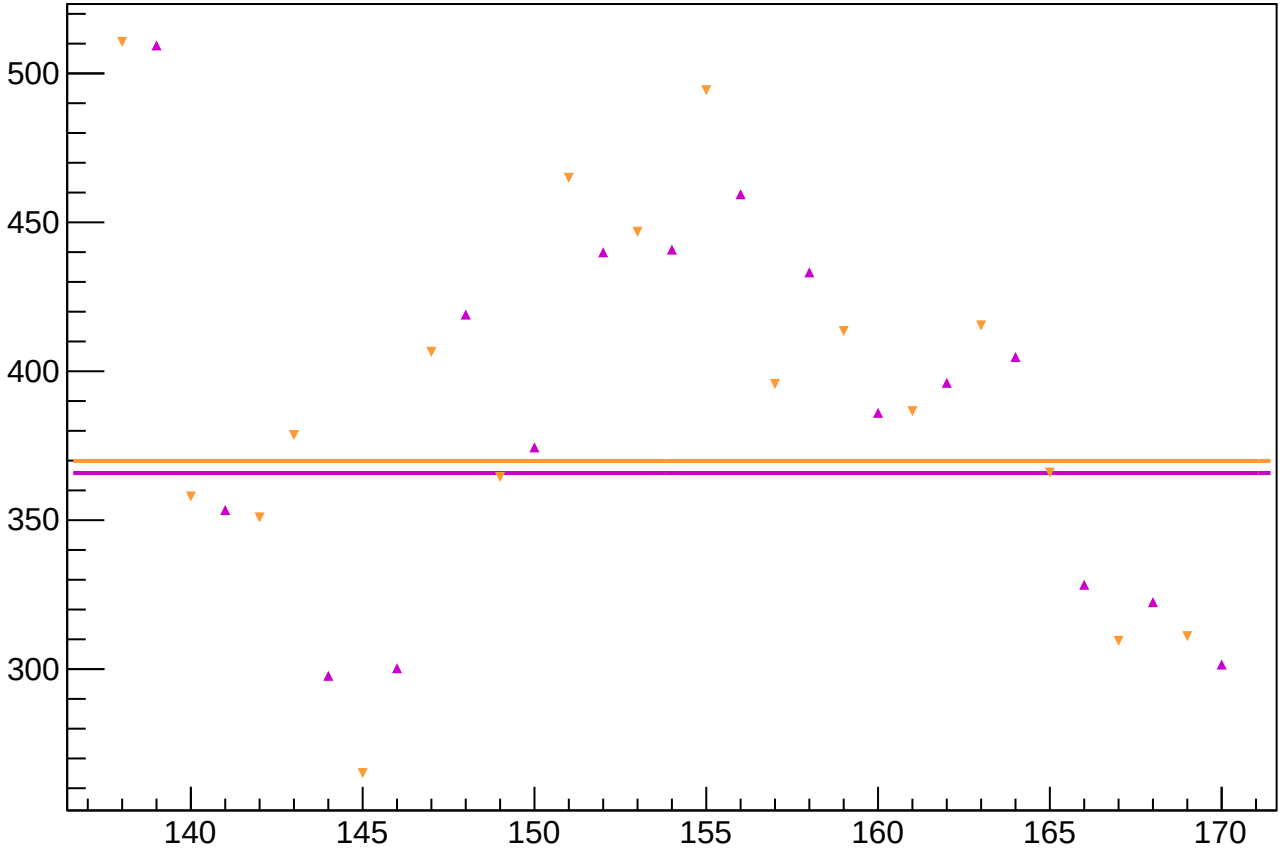
Left In: -22.281+/-104.675 χ^2/NDF:13.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -326.350+/-74.290 χ^2/NDF: 60.9/32

- 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: 369.890+/-0.075 χ^2/NDF:743683.2/16

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

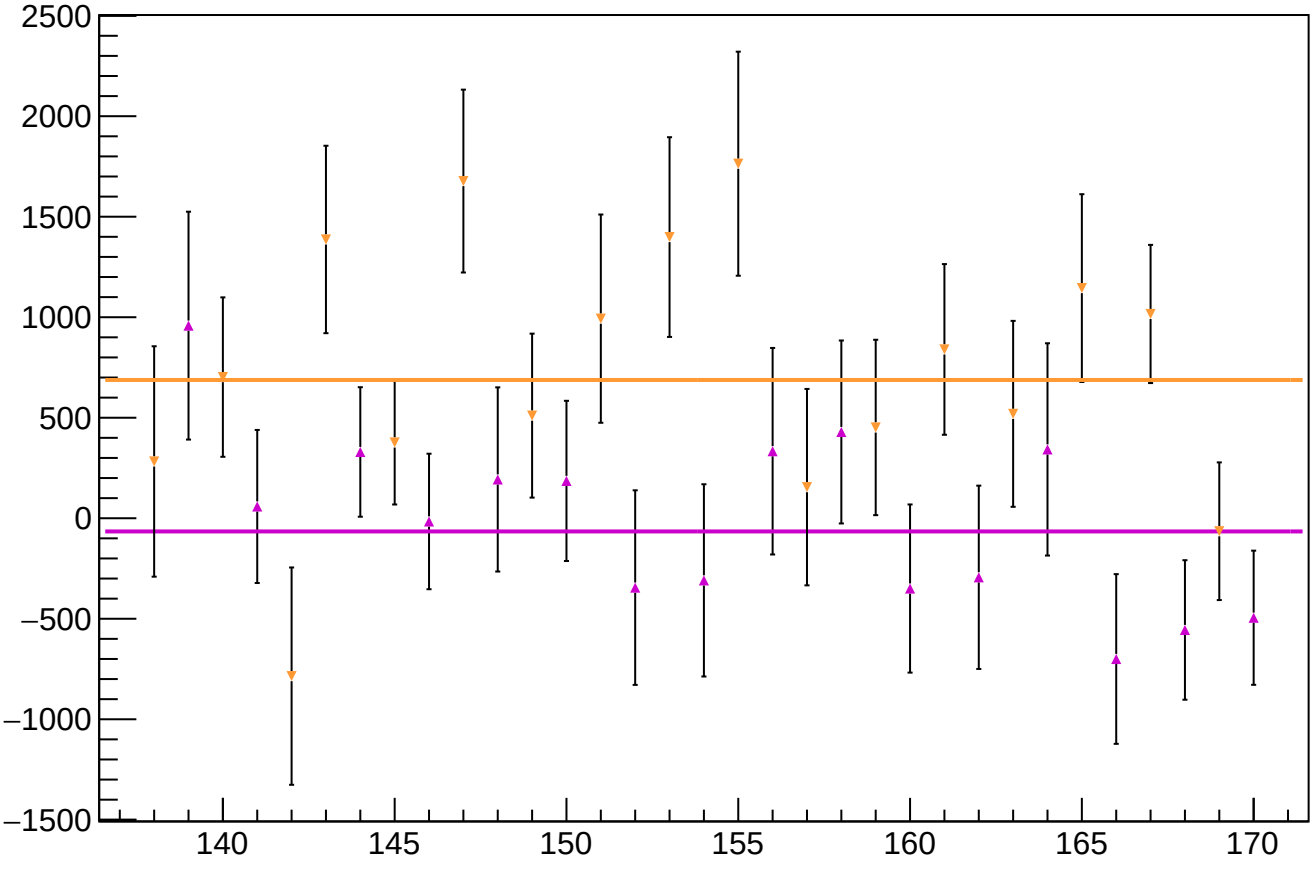
Left In: 365.856+/-0.074 χ^2/NDF:660390.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 367.858+/-0.053 χ^2/NDF: 1405547.7/32

- 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: 687.877+/-104.813 χ^2/NDF:30.7/16

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

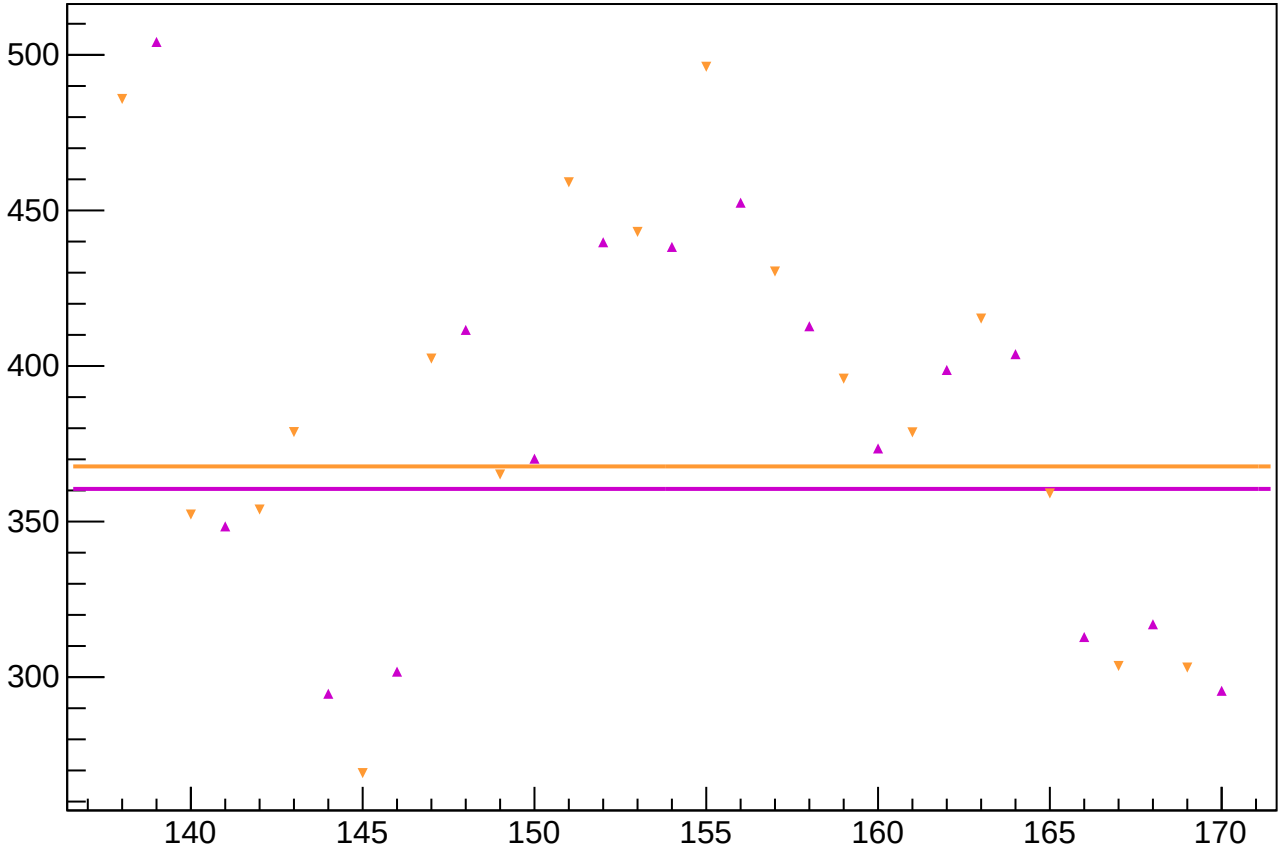
Left In: -65.594+/-103.260 χ^2/NDF:15.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 305.517+/-73.559 χ^2/NDF: 72.1/32

- 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: 367.724+/-0.074 χ^2/NDF:726055.8/16

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

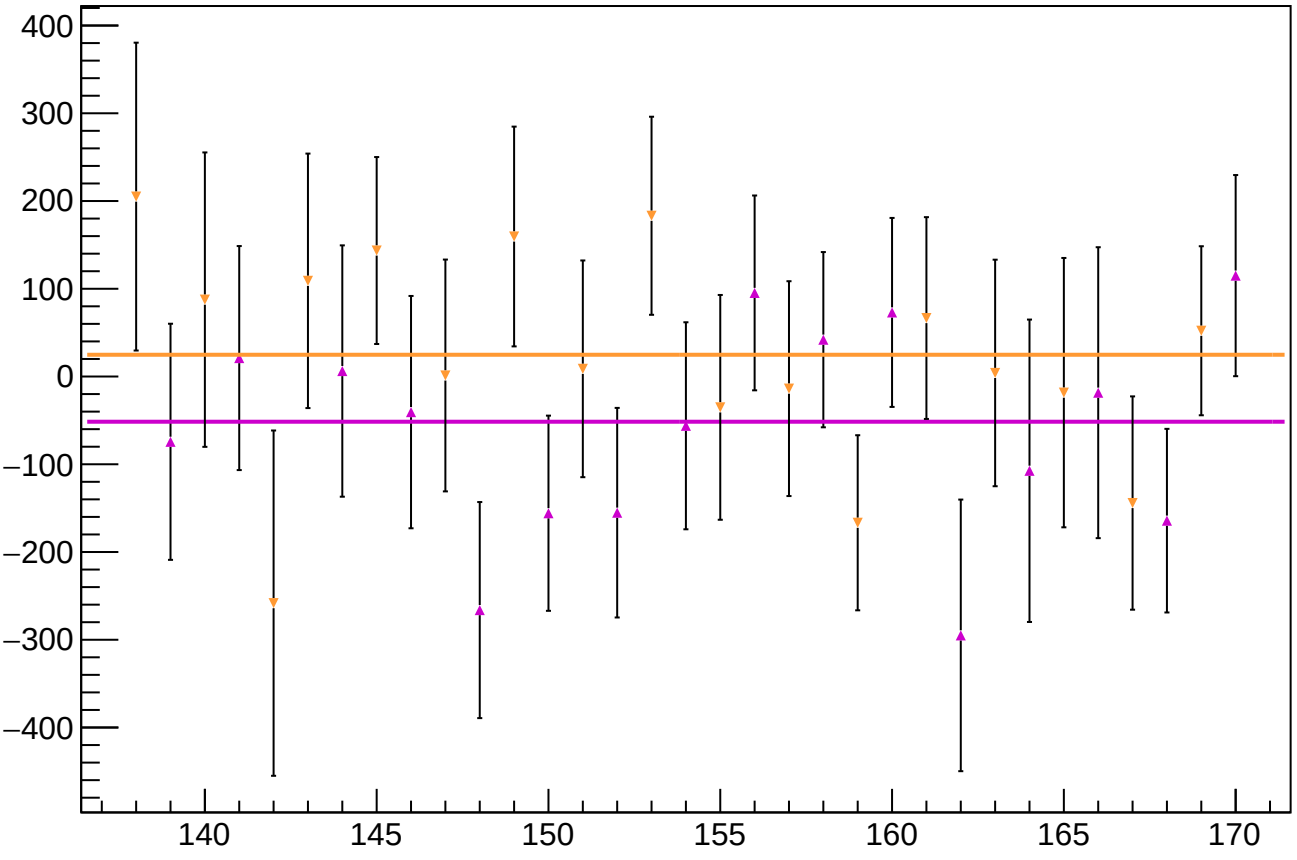
Left In: 360.494+/-0.073 χ^2/NDF:659919.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 364.055+/-0.052 χ^2/NDF: 1390803.5/32

- 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: 24.802+/-30.480 χ^2/NDF:14.3/16

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

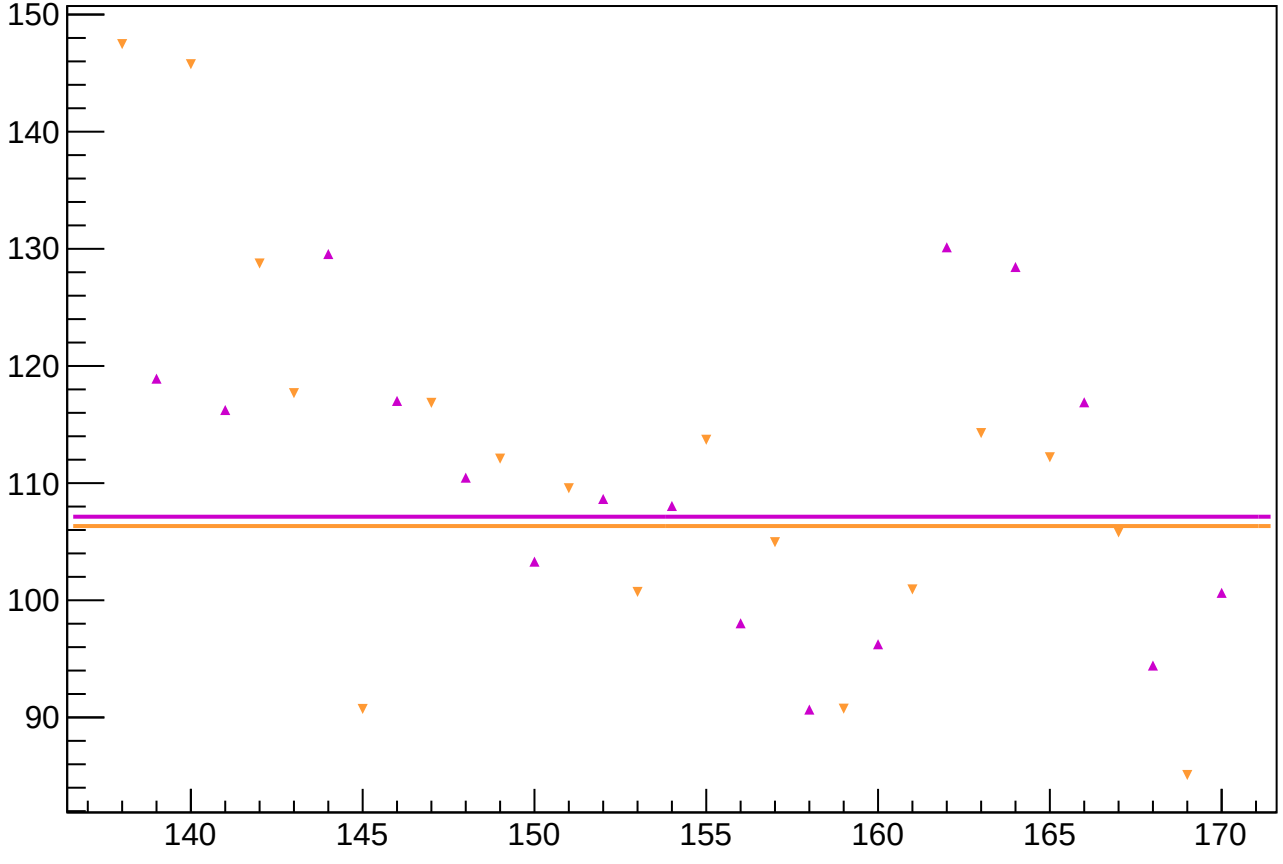
Left In: -51.522+/-30.742 χ^2/NDF:15.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.034+/-21.645 χ^2/NDF: 32.4/32

- 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: 106.335+/-0.022 χ^2/NDF:492806.2/16

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

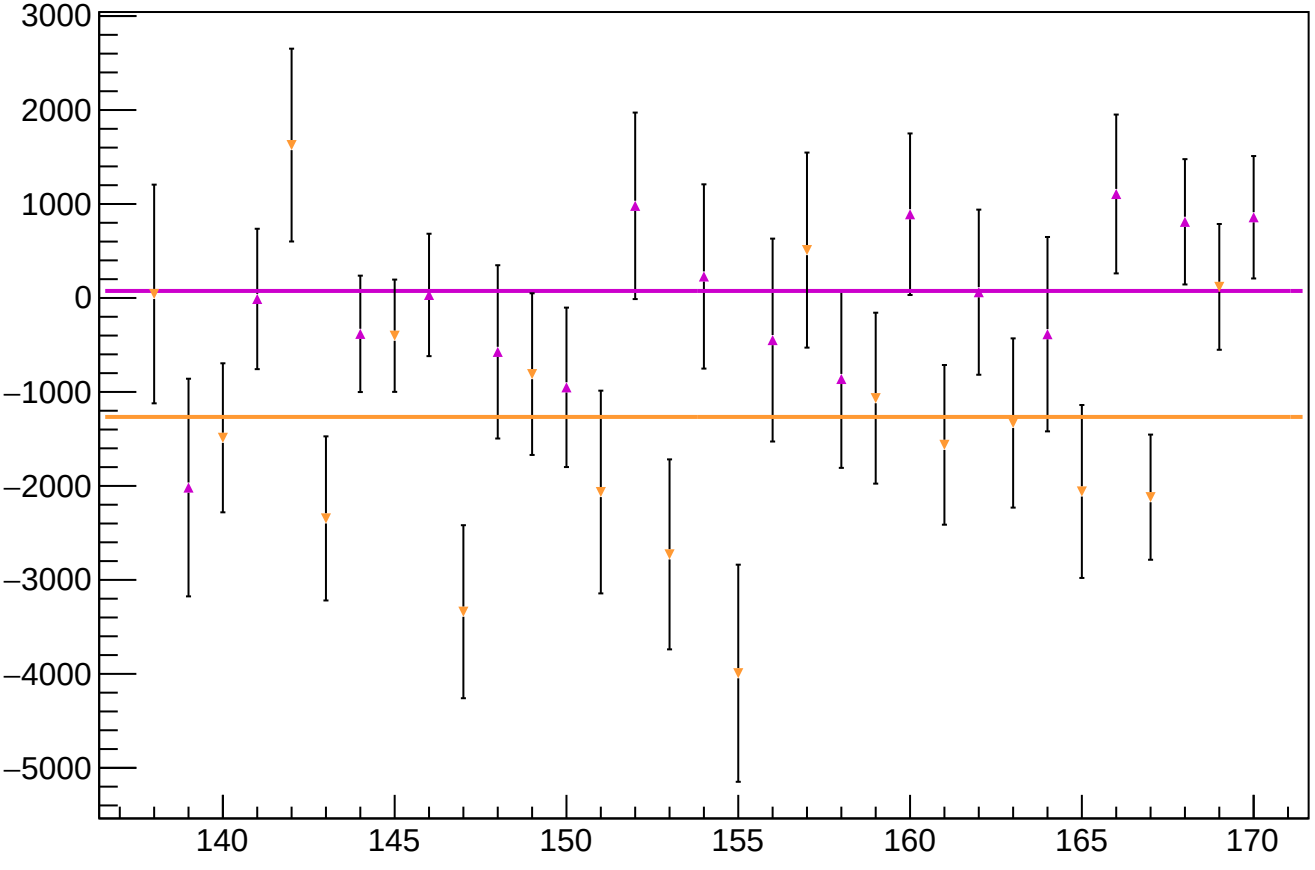
Left In: 107.134+/-0.022 χ^2/NDF:295863.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 106.731+/-0.015 χ^2/NDF: 789350.4/32

- 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: -1265.860+/-208.805 χ^2/NDF:36.2/16

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

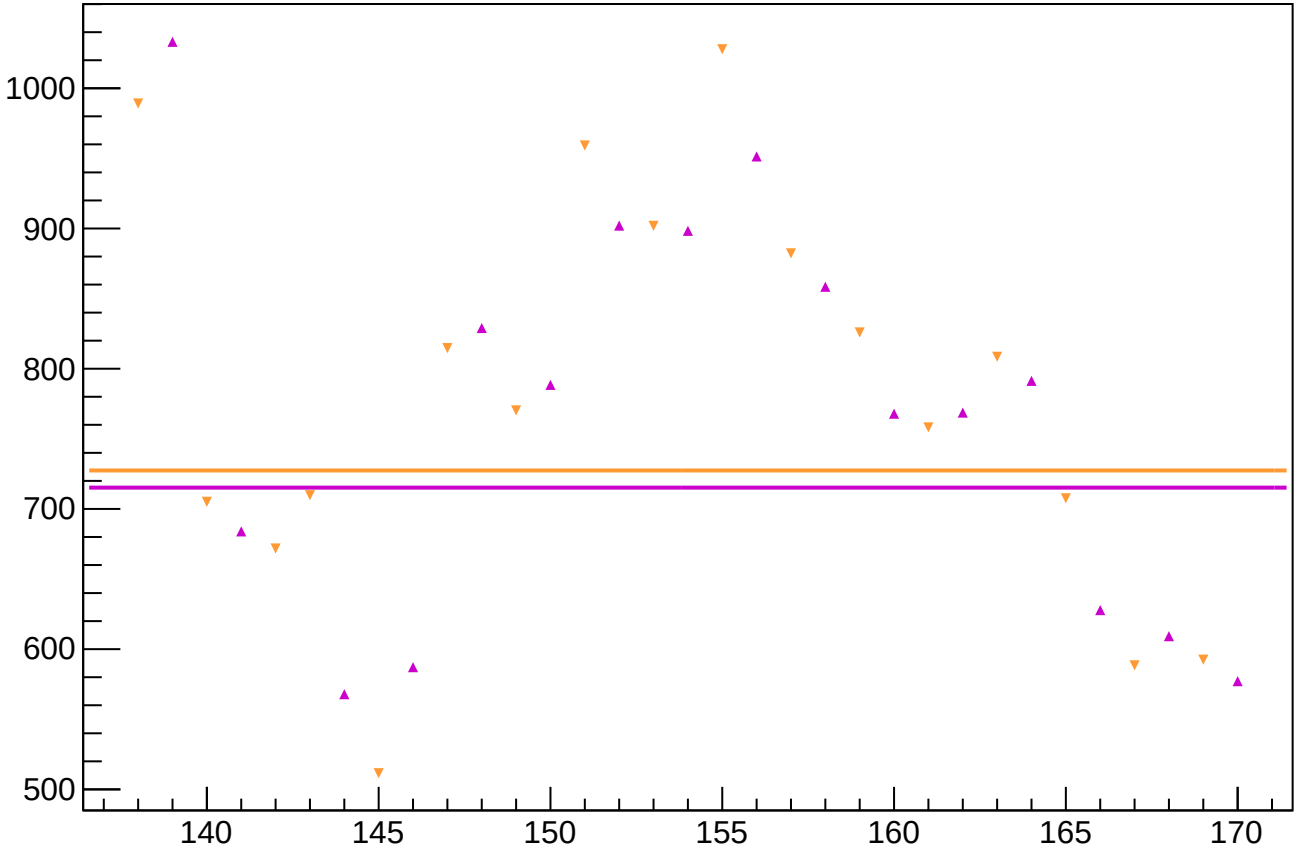
Left In: 74.731+/-205.453 χ^2/NDF:13.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -584.717+/-146.448 χ^2/NDF: 70.3/32

- 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: 727.438+/-0.148 χ^2/NDF:936835.2/16

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

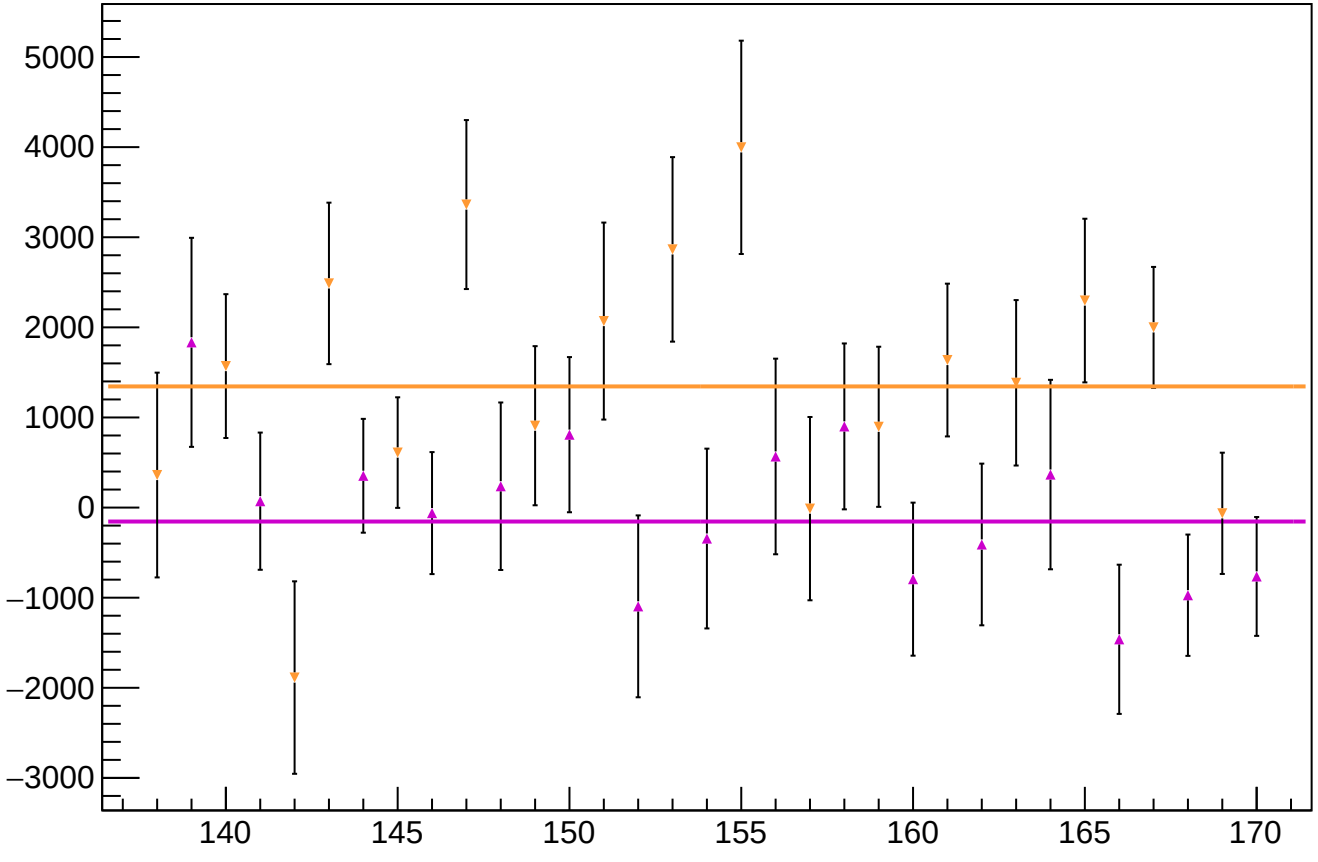
Left In: 715.195+/-0.145 χ^2/NDF:859907.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 721.217+/-0.104 χ^2/NDF: 1800236.1/32

- 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: 1344.434+/-210.808 χ^2/NDF:34.2/16

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

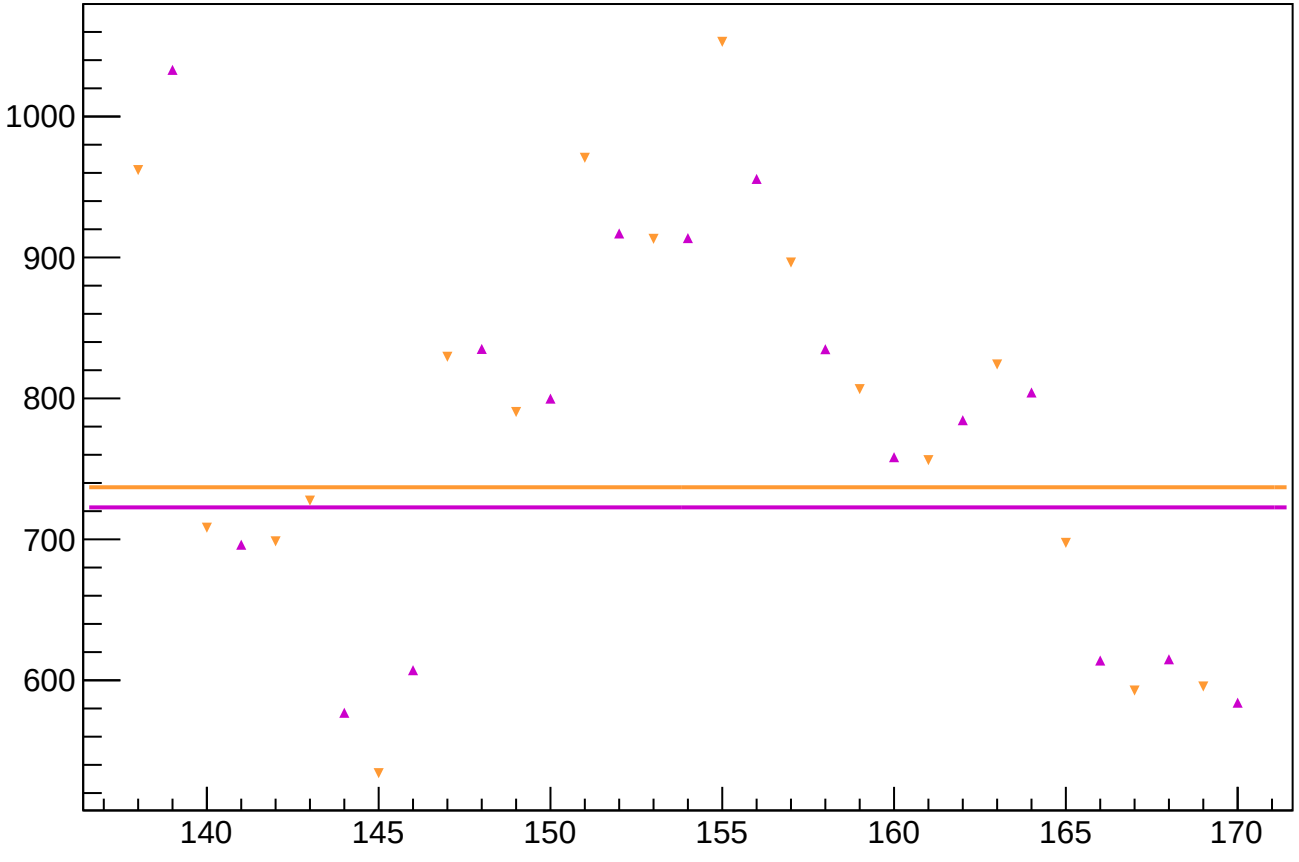
Left In: -154.887+/-207.707 χ^2/NDF:13.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 583.666+/-147.955 χ^2/NDF: 73.3/32

- 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: 736.965+/-0.149 χ^2/NDF:887448.6/16

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

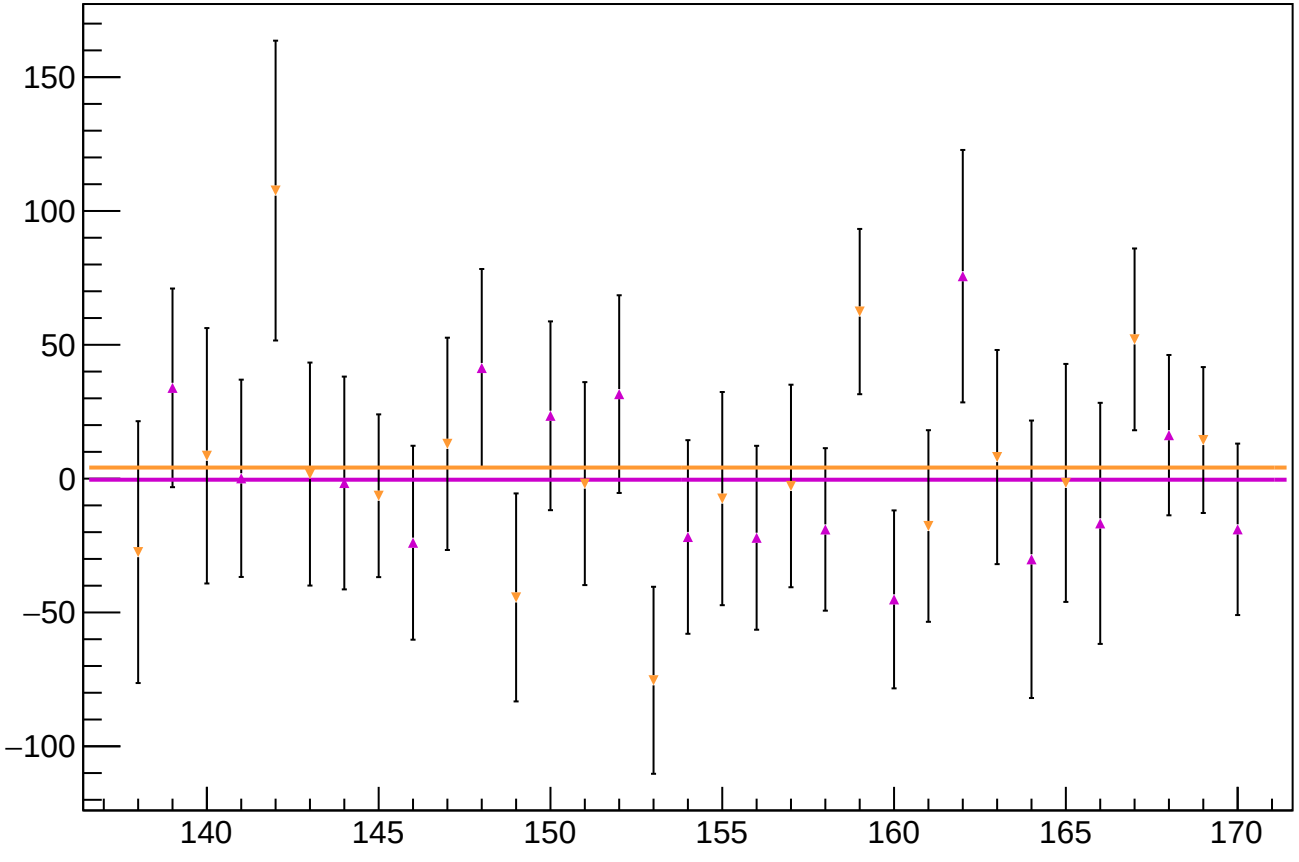
Left In: 722.690+/-0.147 χ^2/NDF:824237.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 729.722+/-0.105 χ^2/NDF: 1716339.2/32

- 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: 4.140+/-9.072 χ^2/NDF:17.0/16

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

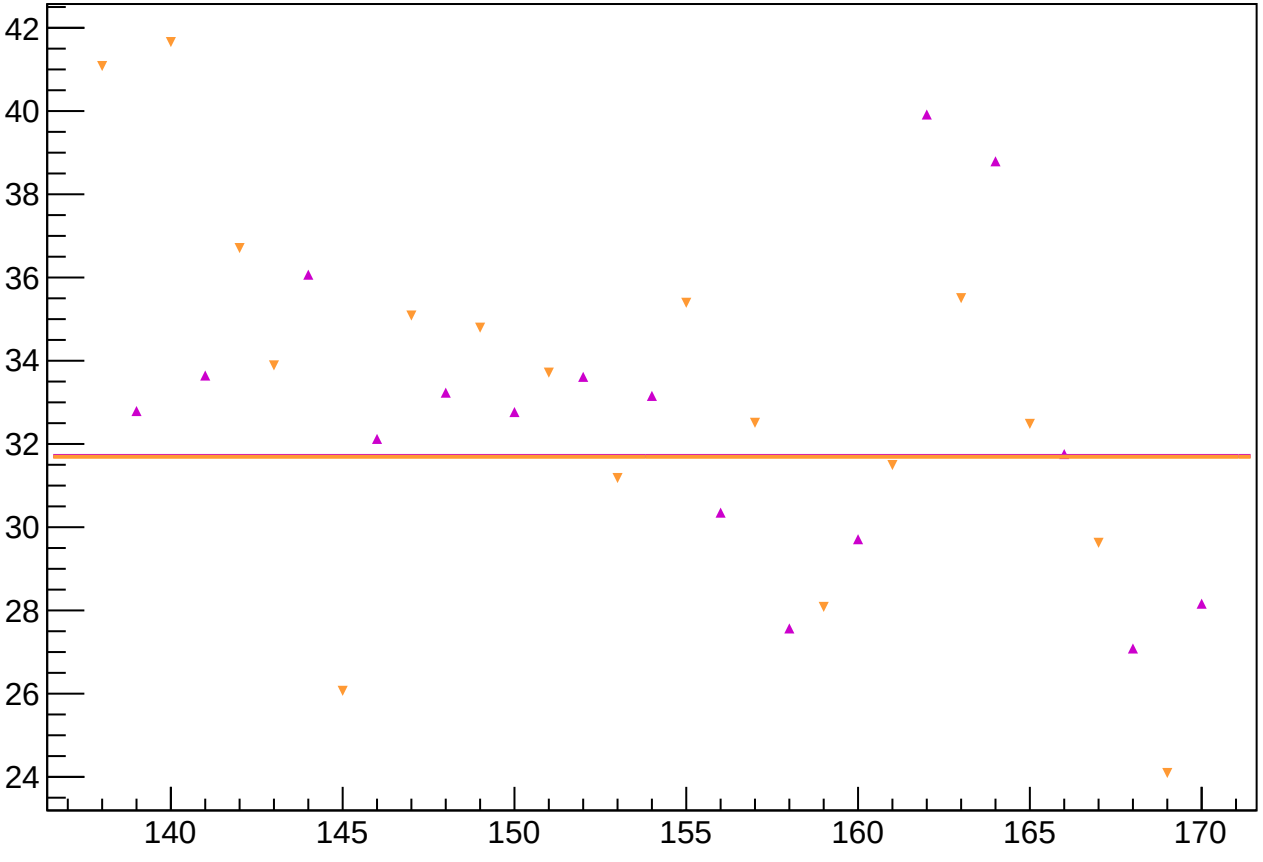
Left In: -0.406+/-9.079 χ^2/NDF:10.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.868+/-6.418 χ^2/NDF: 27.5/32

- 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: 31.693+/-0.006 χ^2/NDF:511679.3/16

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

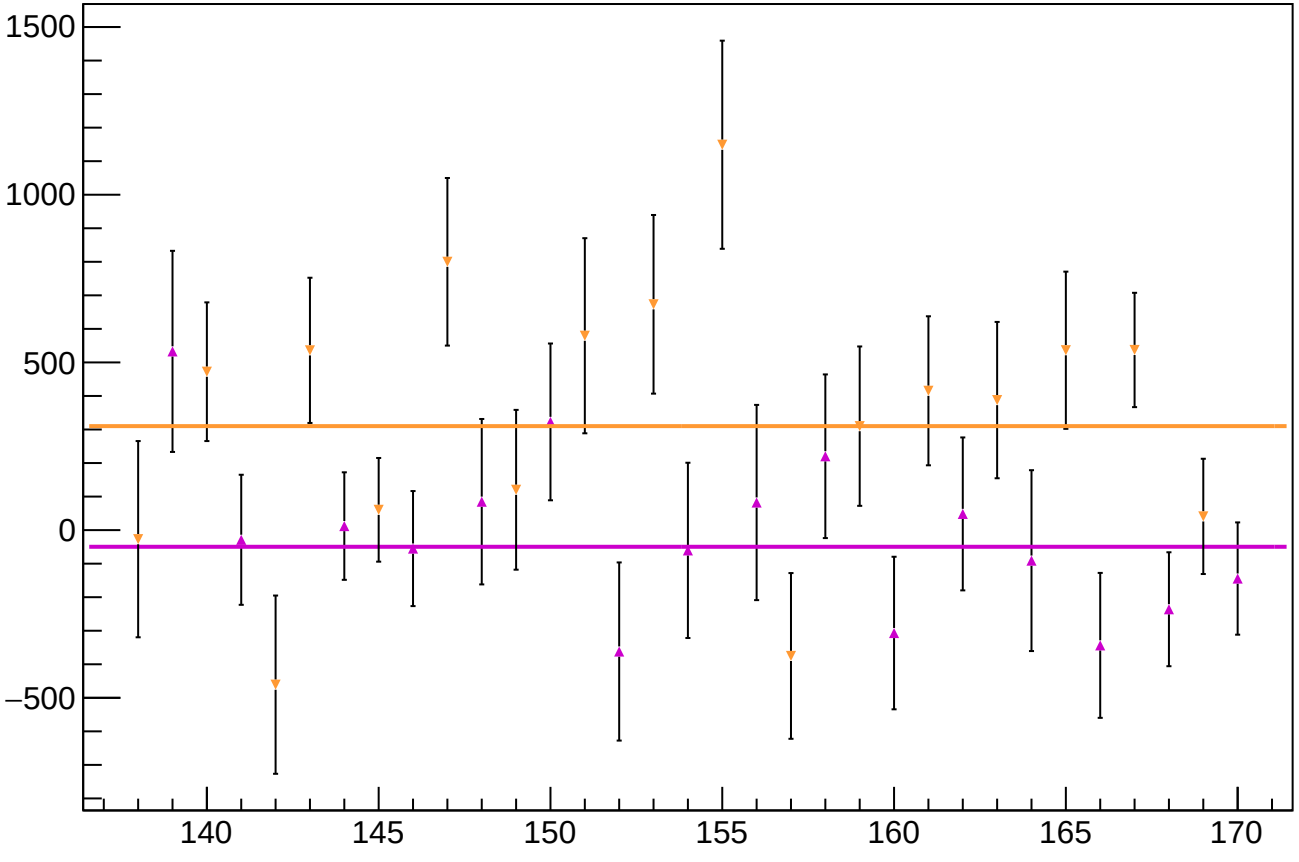
Left In: 31.712+/-0.006 χ^2/NDF:262956.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 31.703+/-0.005 χ^2/NDF: 774640.6/32

- 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: 310.058+/-54.102 χ^2/NDF:41.7/16

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

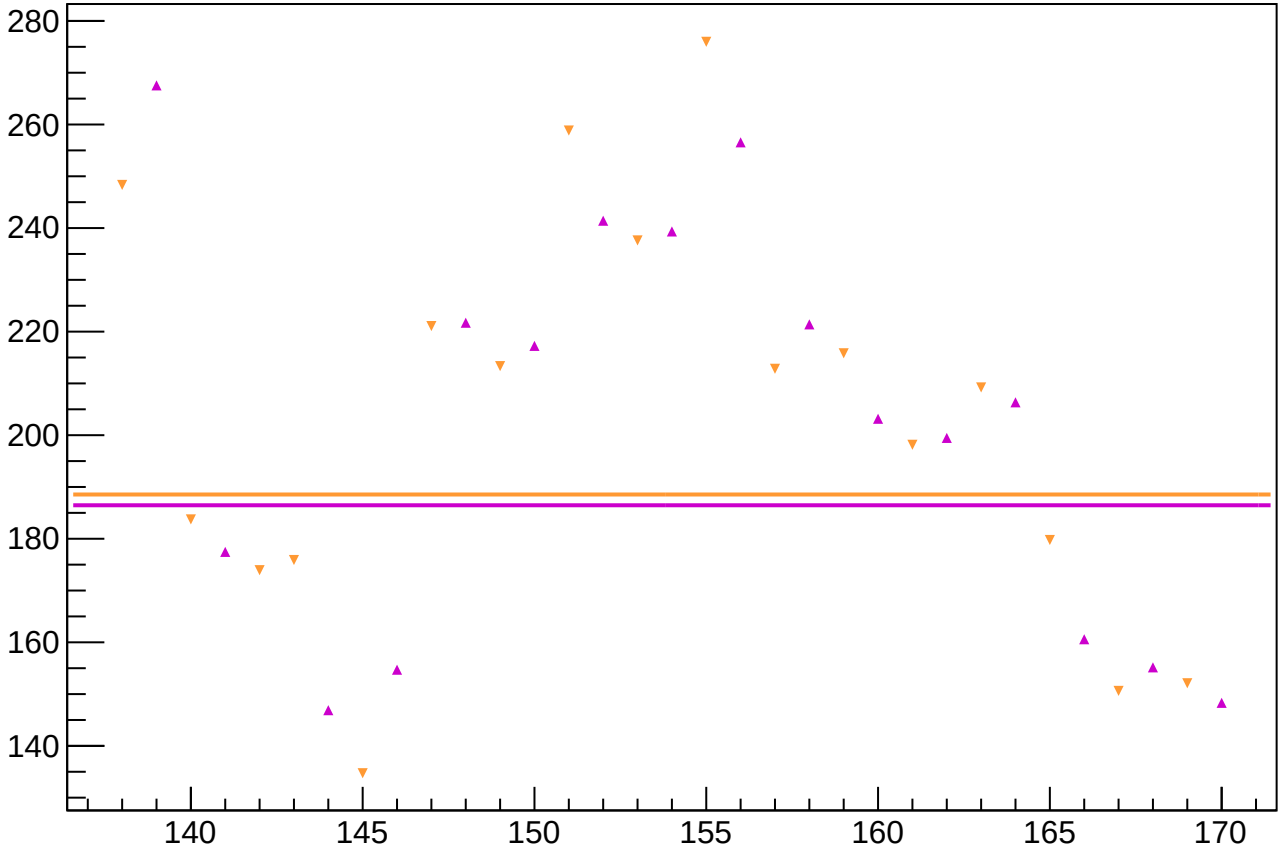
Left In: -49.672+/-53.690 χ^2/NDF:14.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 128.817+/-38.110 χ^2/NDF: 78.5/32

- 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: 188.546+/-0.038 χ^2/NDF:996032.0/16

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

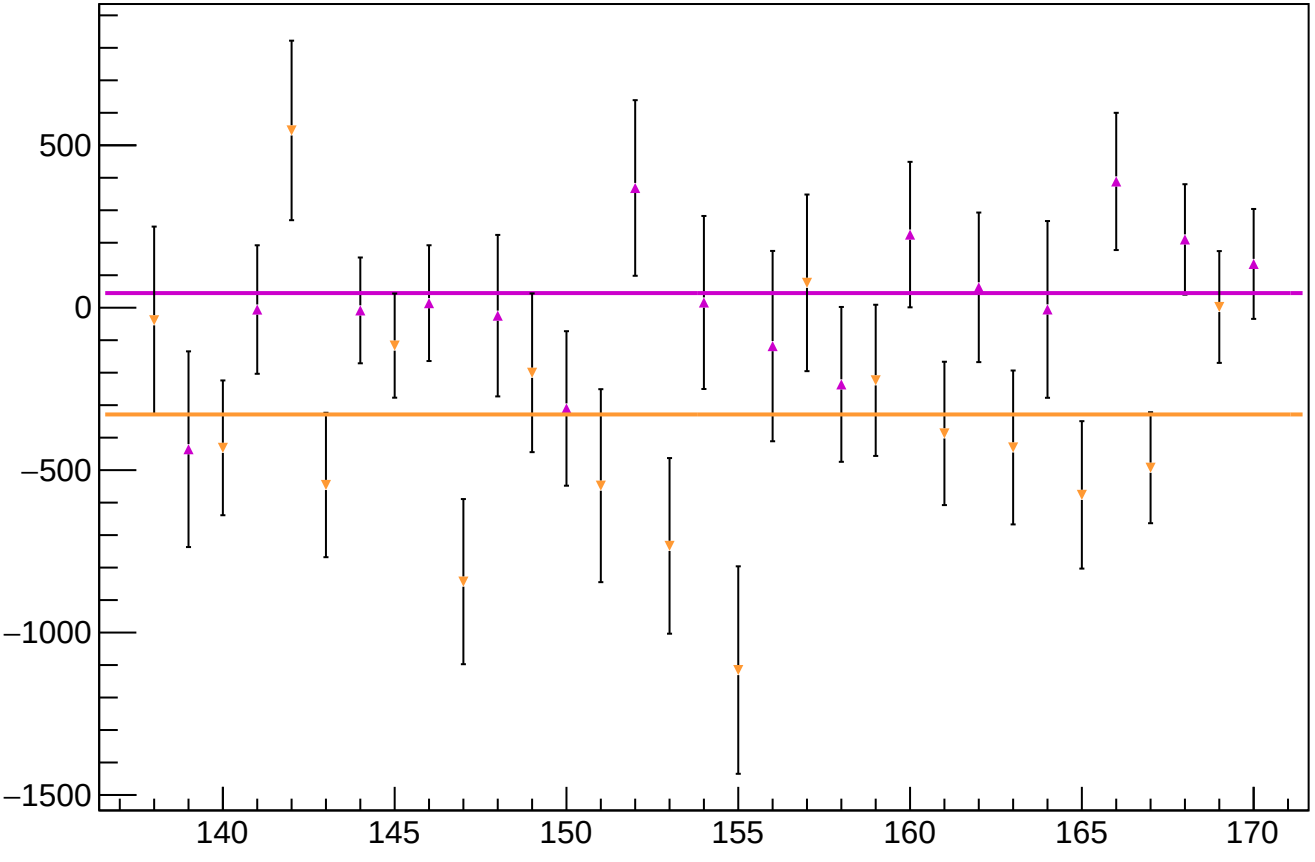
Left In: 186.467+/-0.038 χ^2/NDF:969865.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 187.499+/-0.027 χ^2/NDF: 1967386.1/32

- 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: -328.590+/-54.852 χ^2/NDF:35.7/16

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

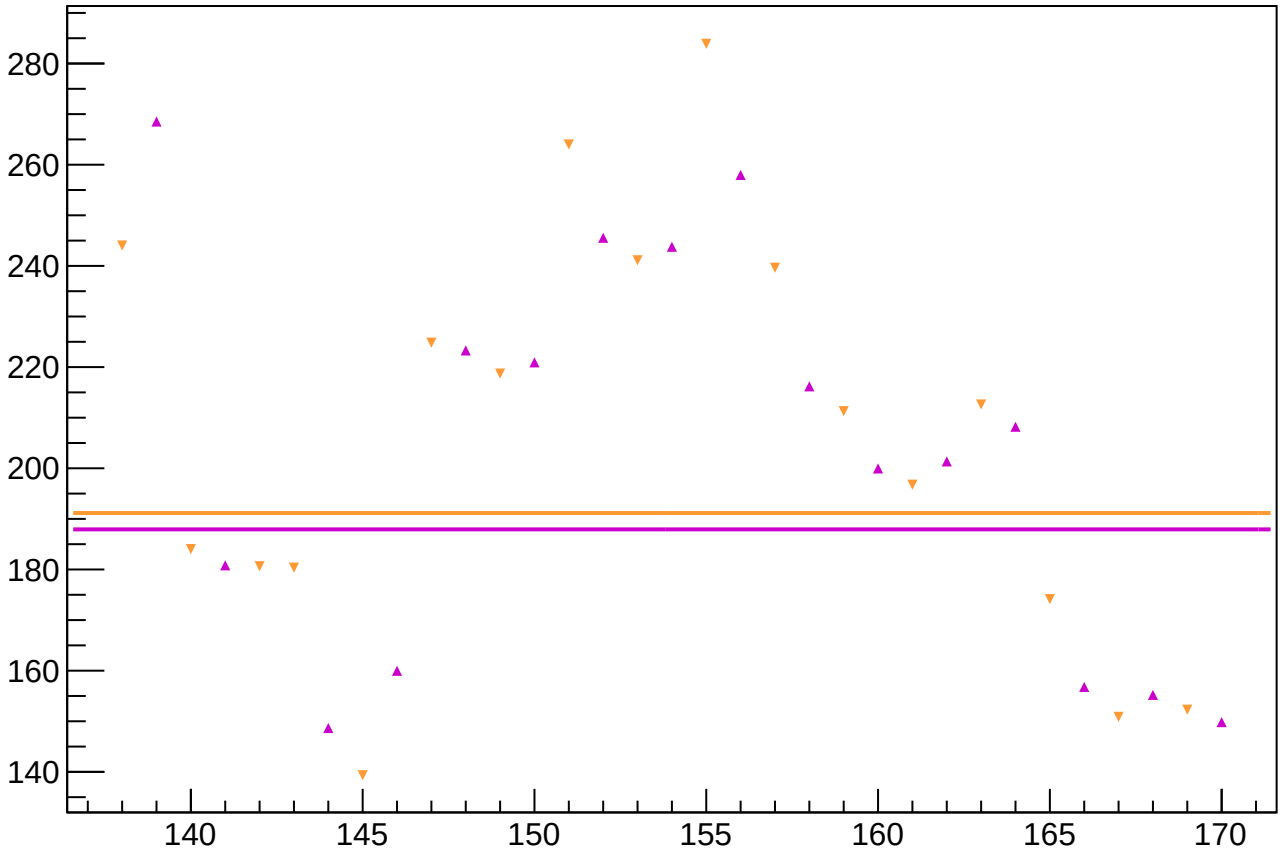
Left In: 45.022+/-54.157 χ^2/NDF:12.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -139.401+/-38.538 χ^2/NDF: 71.9/32

- 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: 191.163+/-0.039 χ^2/NDF:1024581.0/16

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

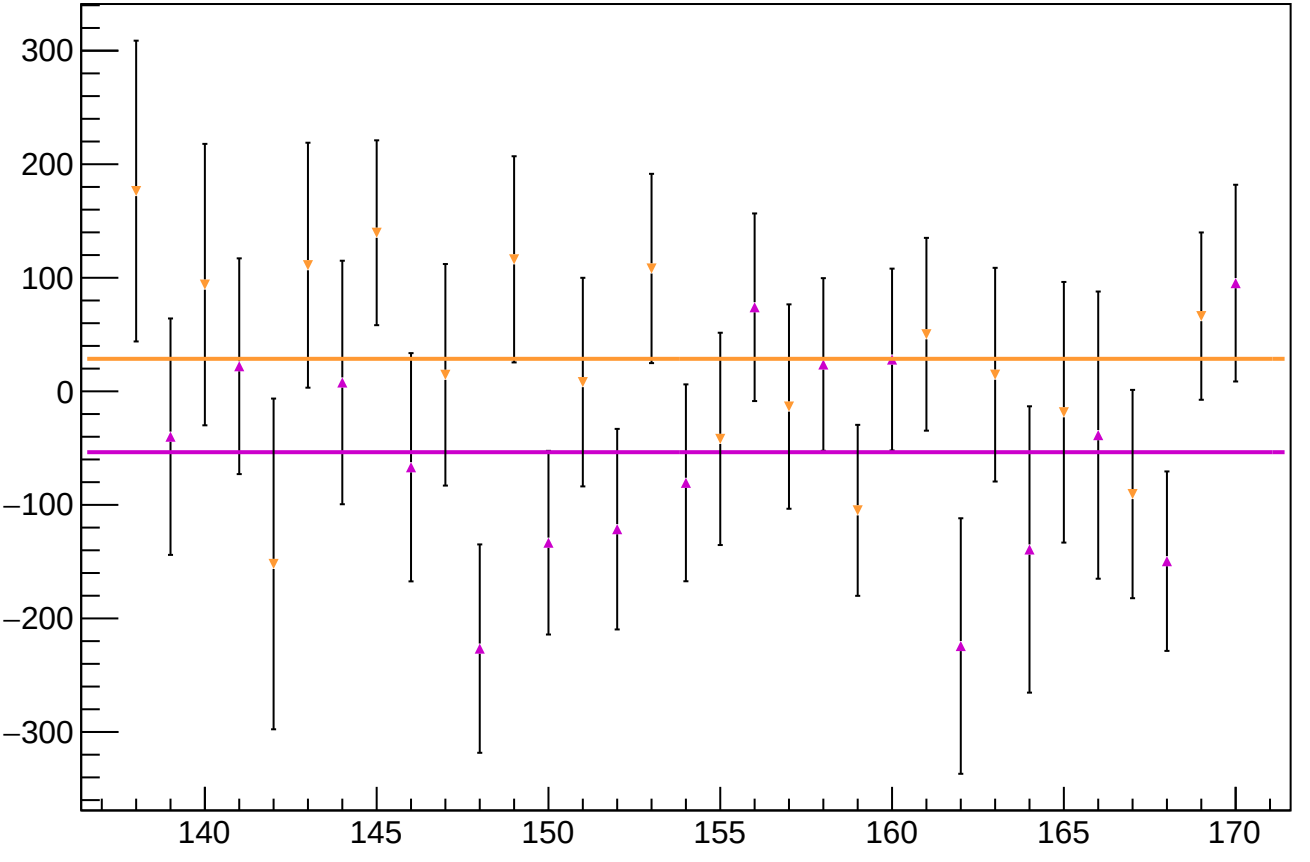
Left In: 187.925+/-0.038 χ^2/NDF:954252.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 189.524+/-0.027 χ^2/NDF: 1982362.7/32

- 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: 28.632+/-22.704 χ^2/NDF:13.5/16

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

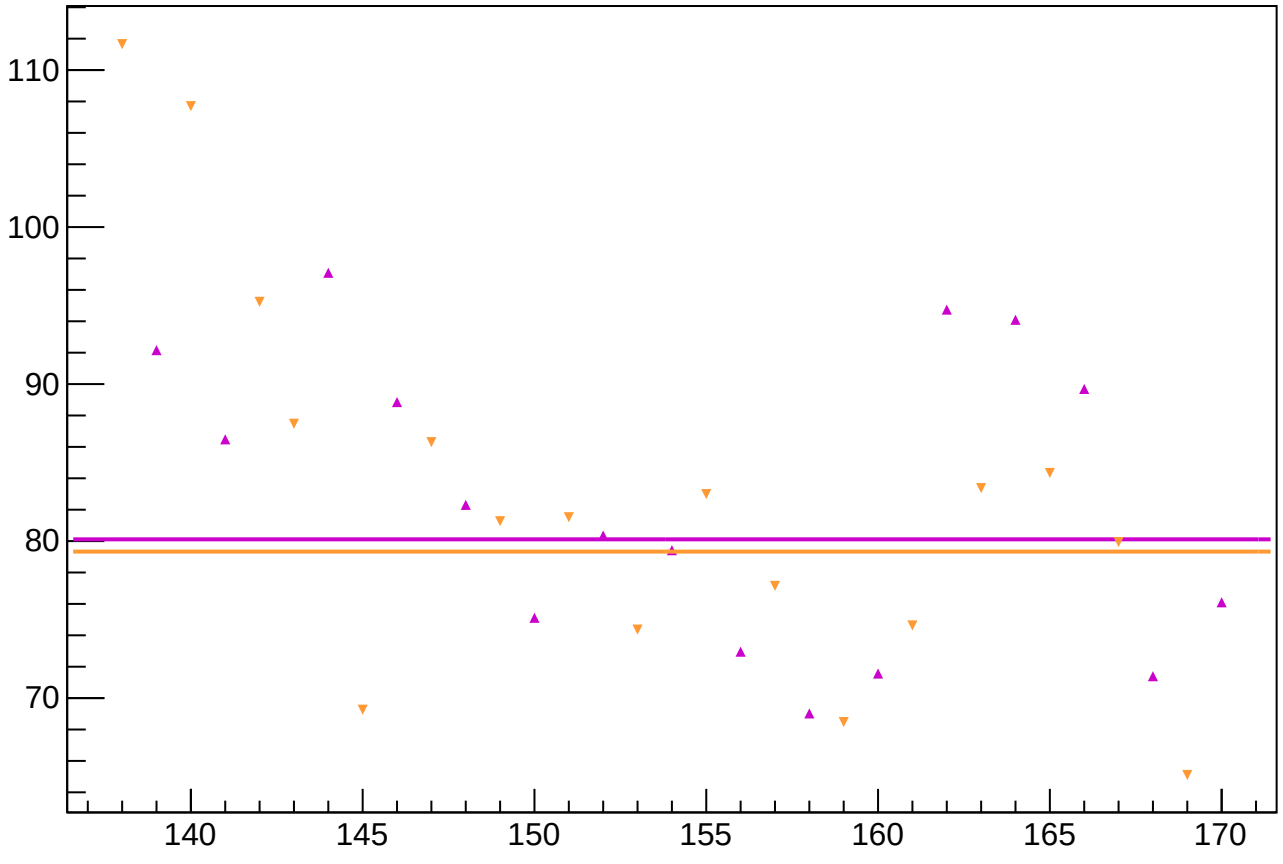
Left In: -53.599+/-22.970 χ^2/NDF:17.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.004+/-16.148 χ^2/NDF: 37.9/32

- 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: 79.331+/-0.016 χ^2/NDF:443276.9/16

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

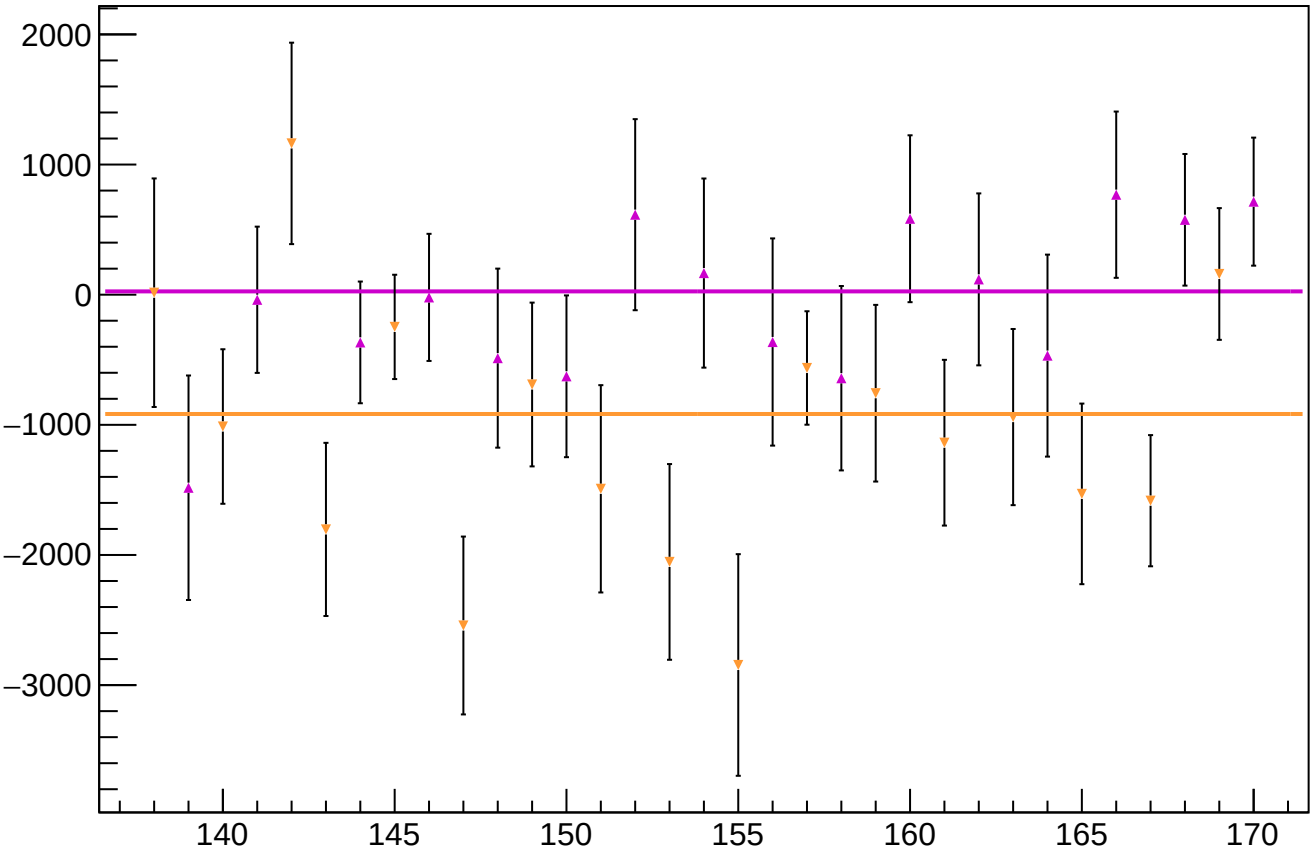
Left In: 80.112+/-0.016 χ^2/NDF:288818.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 79.717+/-0.011 χ^2/NDF: 733264.6/32

- 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: -916.735+/-147.959 χ^2/NDF:34.5/16

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

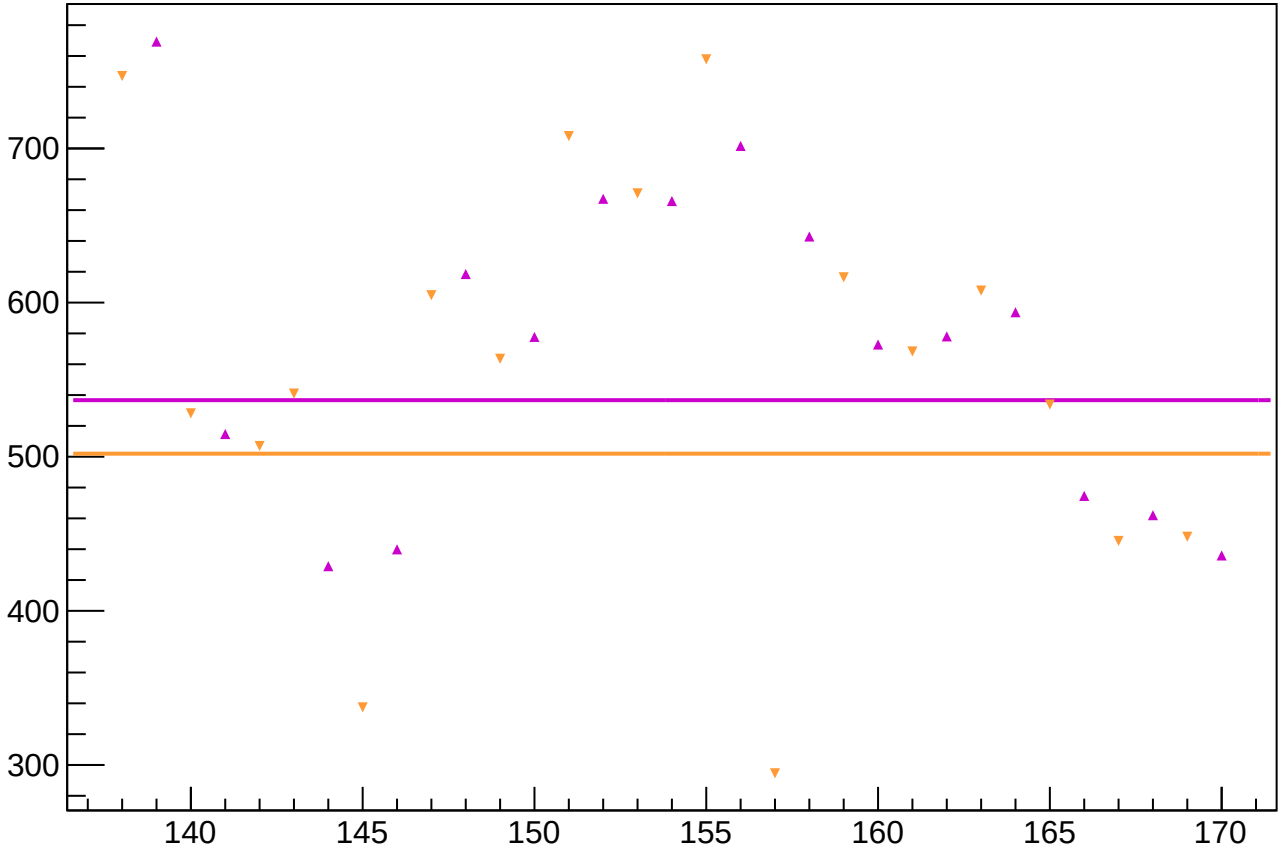
Left In: 25.335+/-153.982 χ^2/NDF:12.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -464.486+/-106.689 χ^2/NDF: 66.9/32

- 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: 501.978+/-0.105 χ^2/NDF:1615967.5/16

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

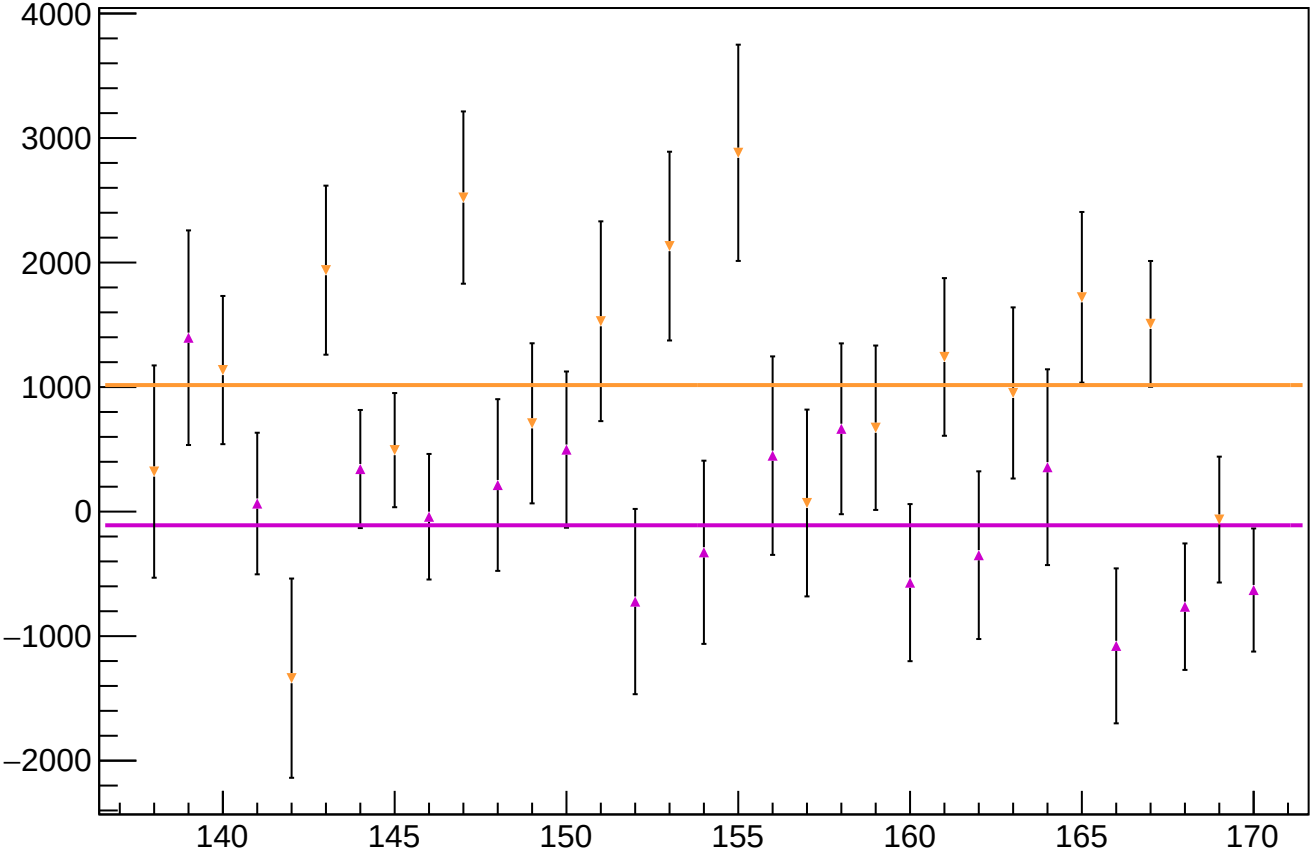
Left In: 536.695+/-0.109 χ^2/NDF:798962.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 518.644+/-0.075 χ^2/NDF: 2467790.0/32

- 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: 1016.100+/-157.186 χ^2/NDF:33.2/16

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

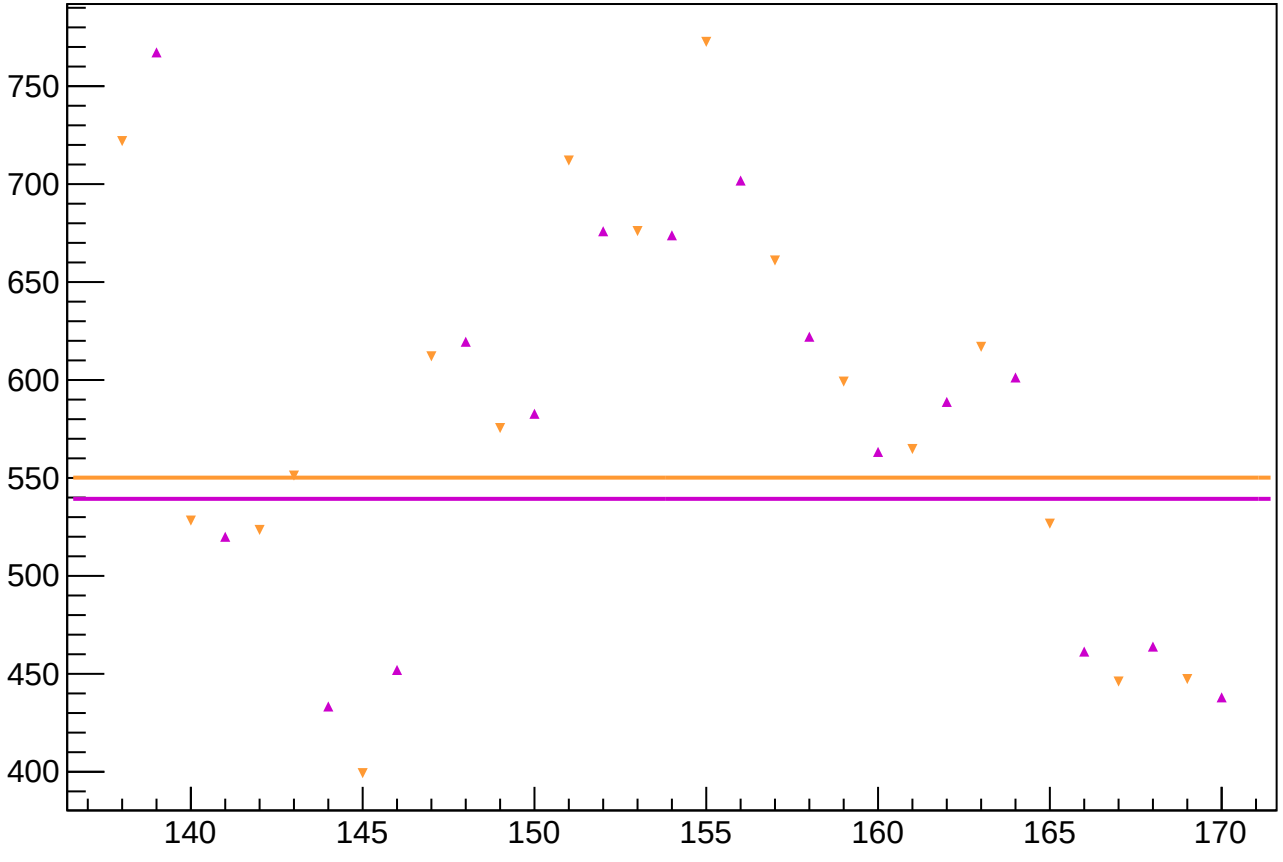
Left In: -109.813+/-154.837 χ^2/NDF:14.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 444.670+/-110.307 χ^2/NDF: 73.2/32

- 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: 550.161+/-0.111 χ^2/NDF:834496.0/16

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

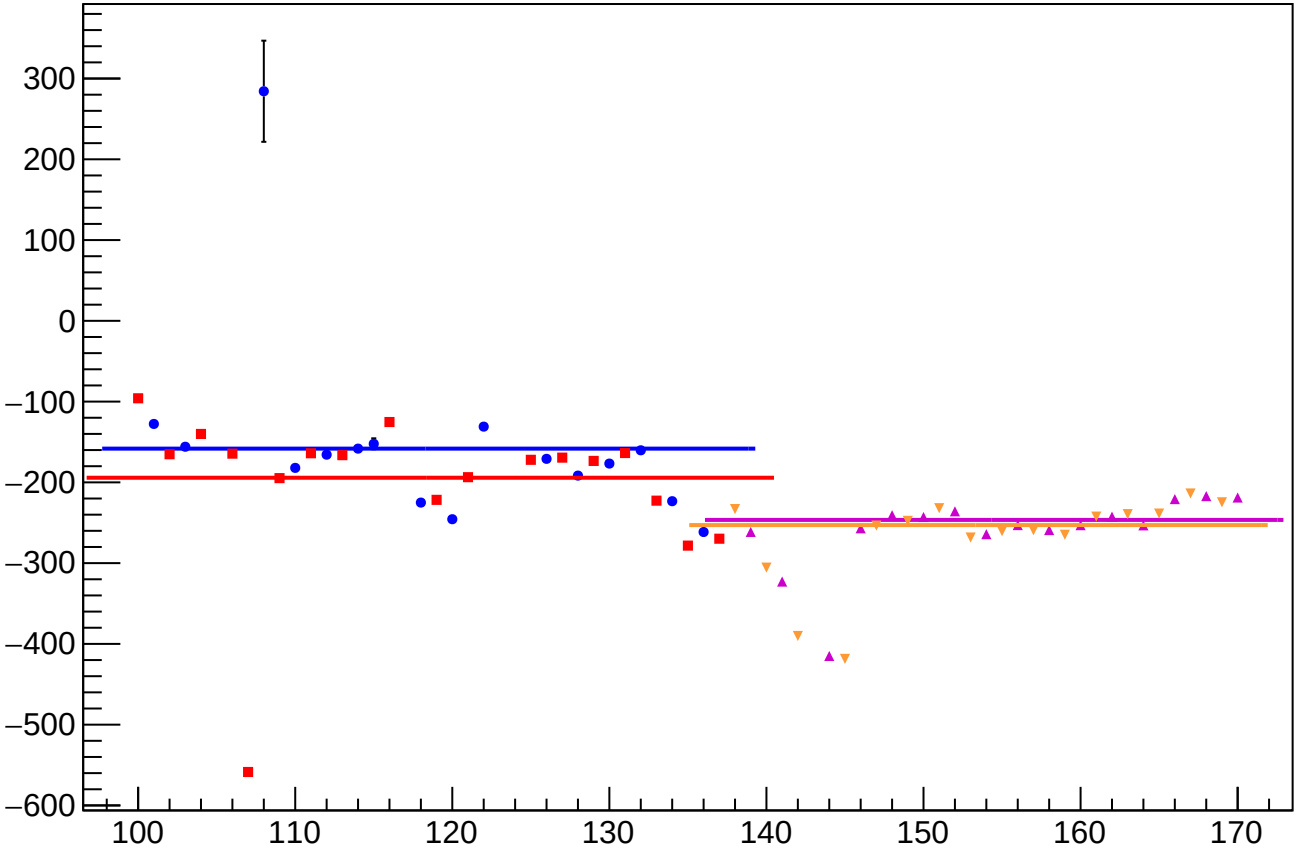
Left In: 539.332+/-0.109 χ^2/NDF:771010.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 544.665+/-0.078 χ^2/NDF: 1610323.9/32

- 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: -252.890+/-0.139 χ^2/NDF:41791.0/15

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

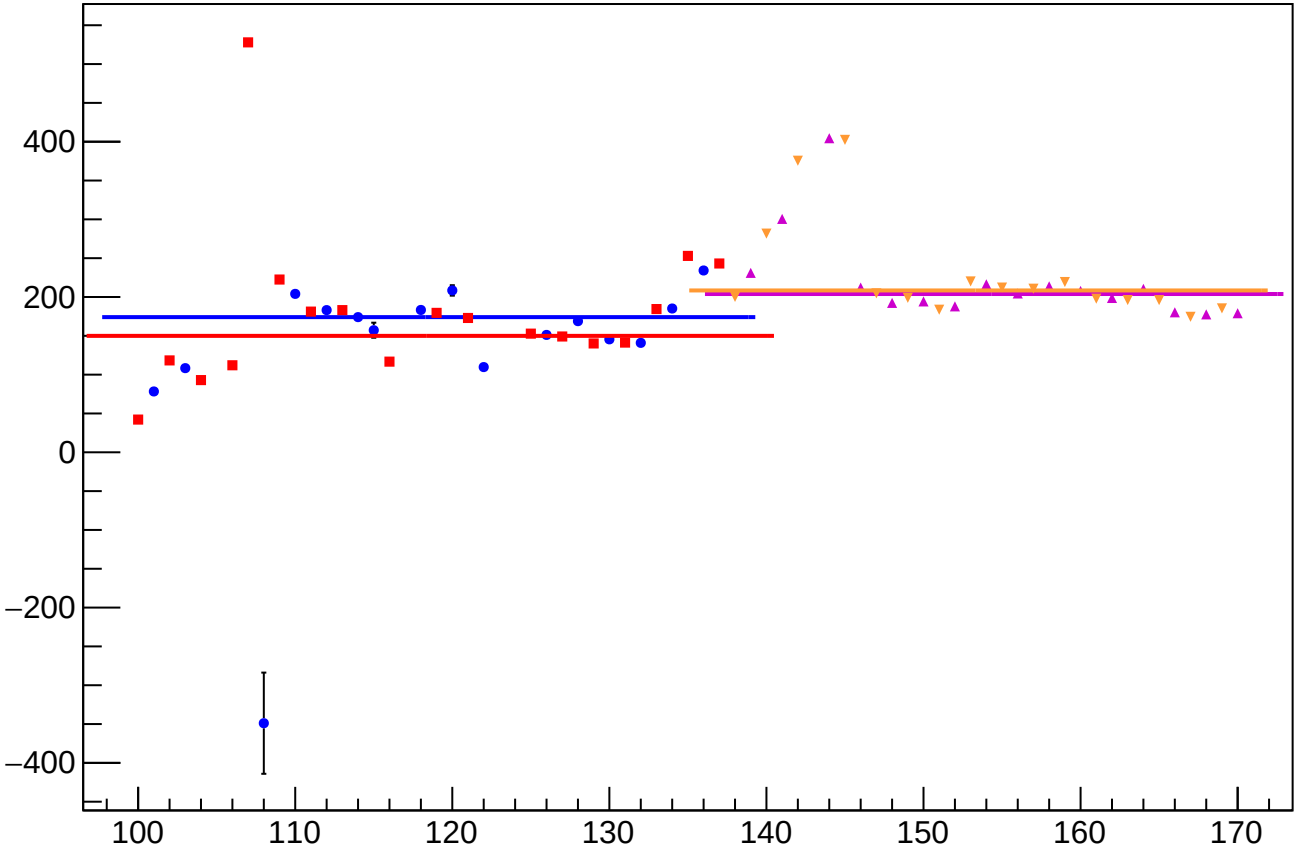
Left In: -246.490+/-0.130 χ^2/NDF:73653.5/15

+ sign -158.222+/-0.000 χ^2/NDF: 619903.1/31

All: -158.222+/-0.000 χ^2/NDF: 1375701.0/65

- sign -226.427+/-0.102 χ^2/NDF: 311794.2/33

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 208.443+/-0.139 χ^2/NDF:45094.6/15

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

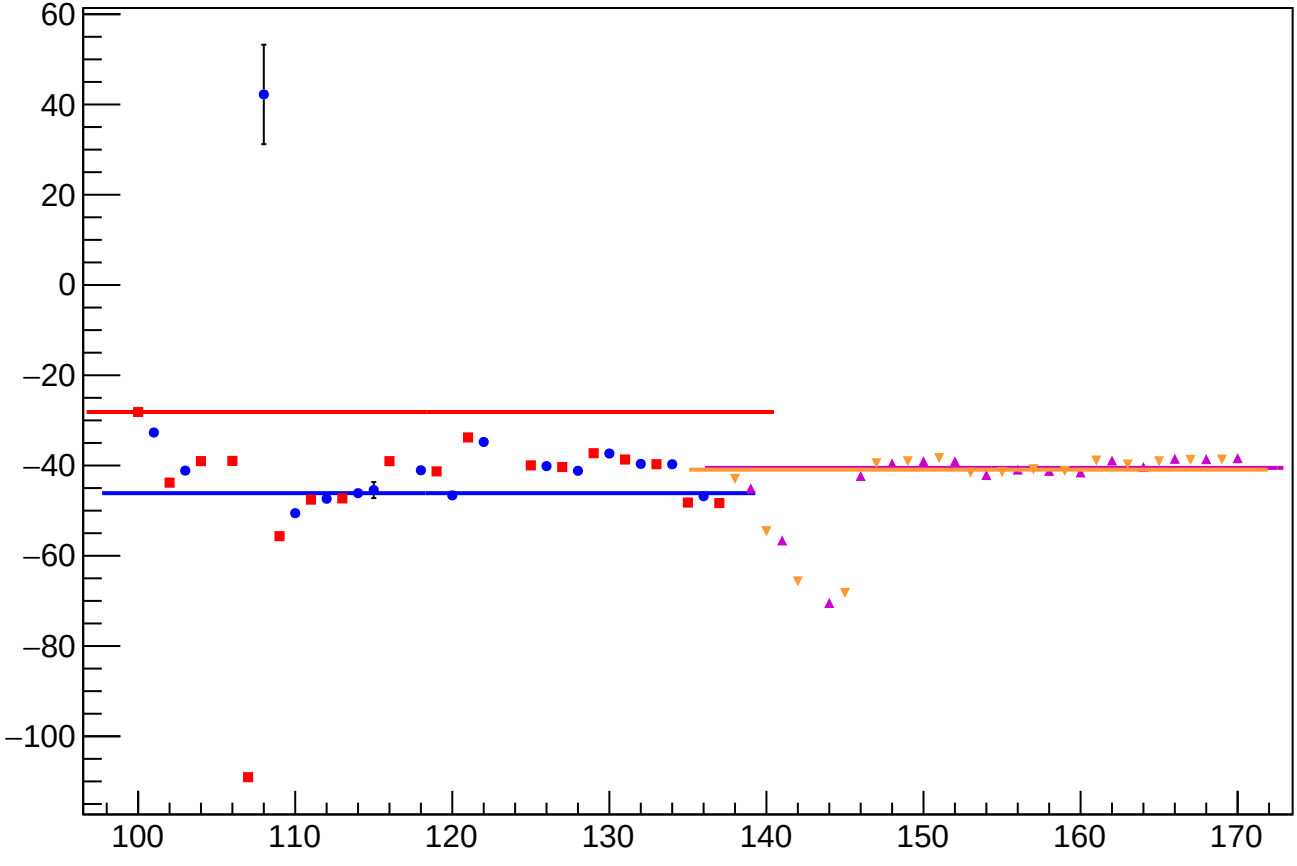
Left In: 203.849+/-0.131 χ^2/NDF:86510.0/15

+ sign 174.085+/-0.000 χ^2/NDF: 159191.1/31

All: 174.085+/-0.000 χ^2/NDF: 480436.2/65

- sign 187.158+/-0.109 χ^2/NDF: 306810.8/33

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -40.923+/-0.008 χ^2/NDF:101972.2/15

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

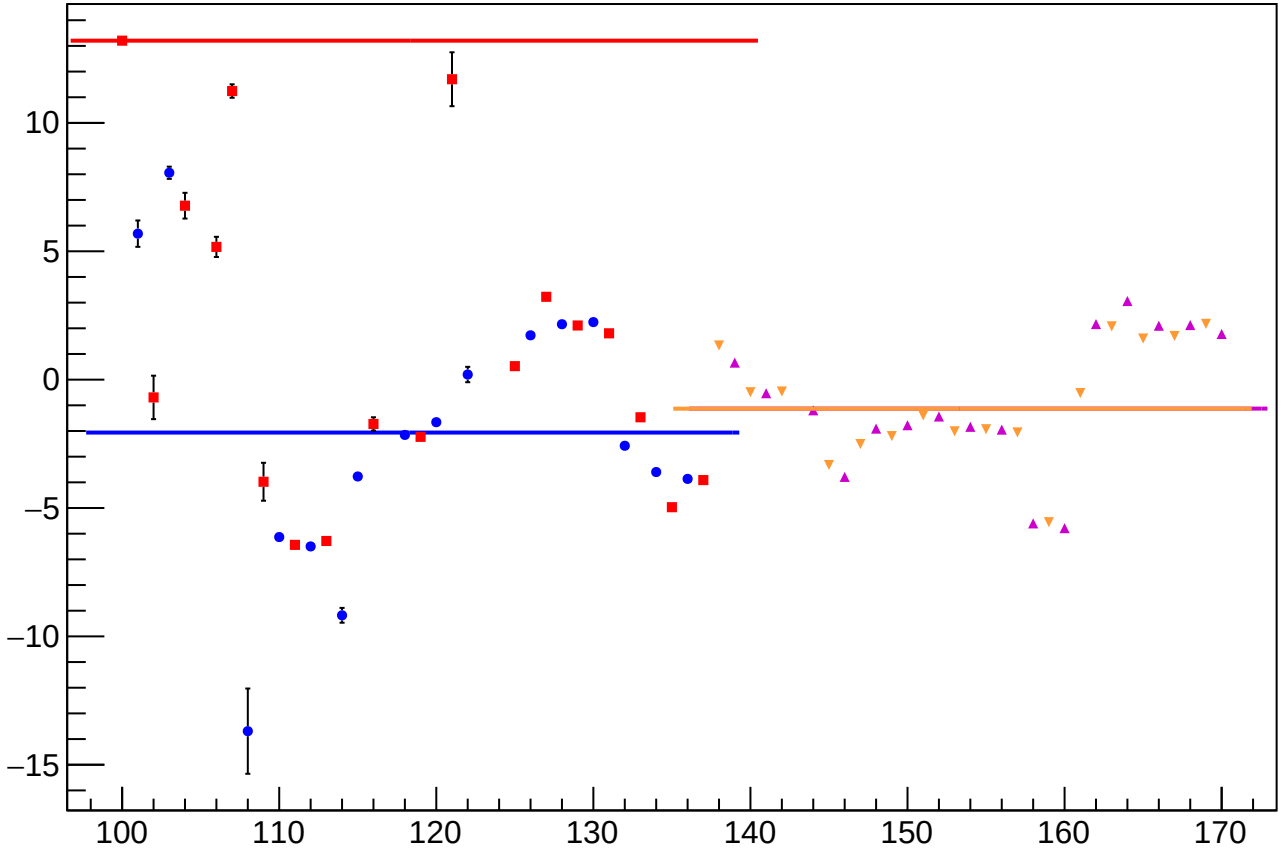
Left In: -40.528+/-0.008 χ^2/NDF:176561.8/15

+ sign -46.126+/-0.000 χ^2/NDF: 769393.7/31

All: -39.778+/-0.000 χ^2/NDF: 24879599323 1

- sign -28.139+/-0.000 χ^2/NDF: 3117991.6/33

dit_usl_4aY_slope vs Slug



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -1.131+/-0.008 χ^2/NDF:93548.0/15

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

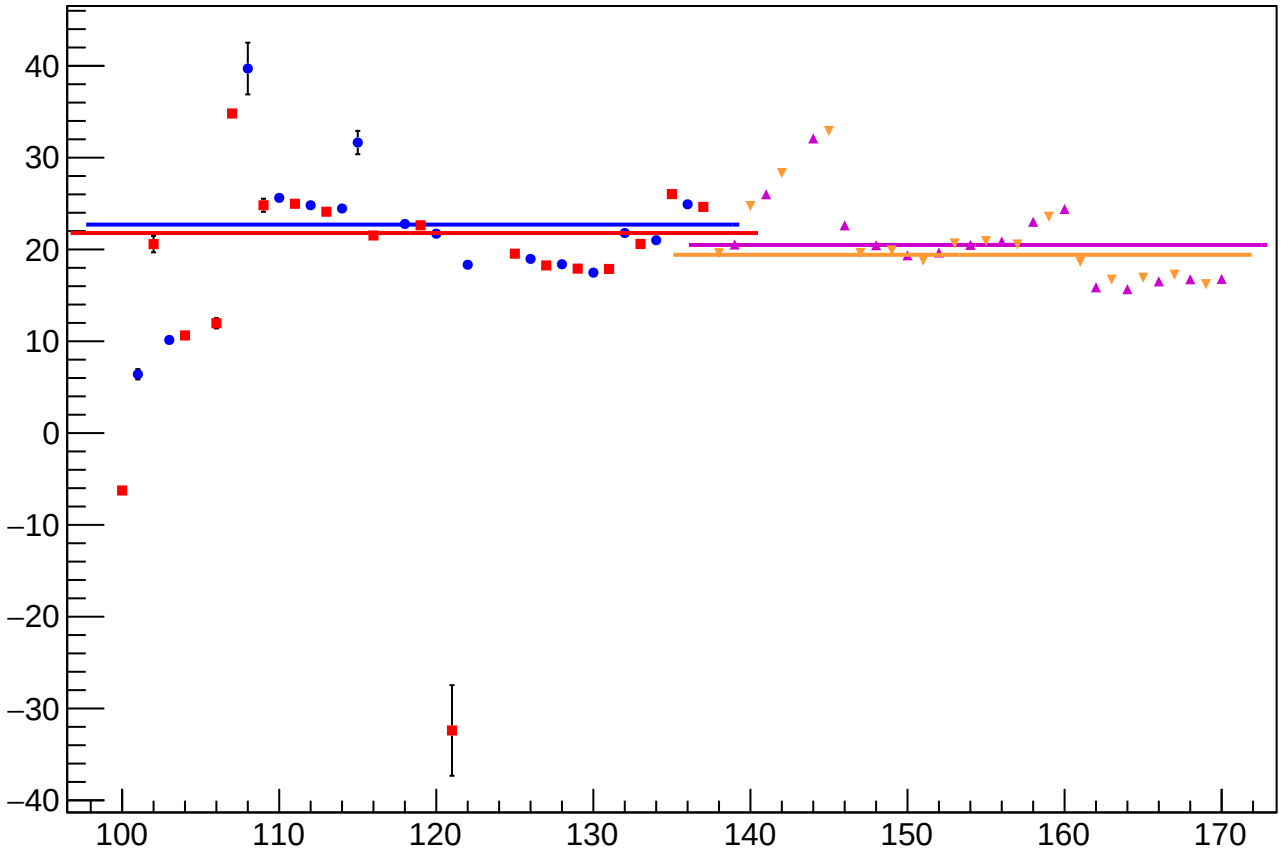
Left In: -1.128+/-0.006 χ^2/NDF:142312.1/15

+ sign -1.287+/-0.007 χ^2/NDF: 121480.2/31

All: 13.204+/-0.000 χ^2/NDF: 9617802.8/65

- sign 13.204+/-0.000 χ^2/NDF: 5562814.6/33

dit_usl_4eY_slope vs Slug



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 19.420+/-0.009 χ^2/NDF:71739.4/15

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

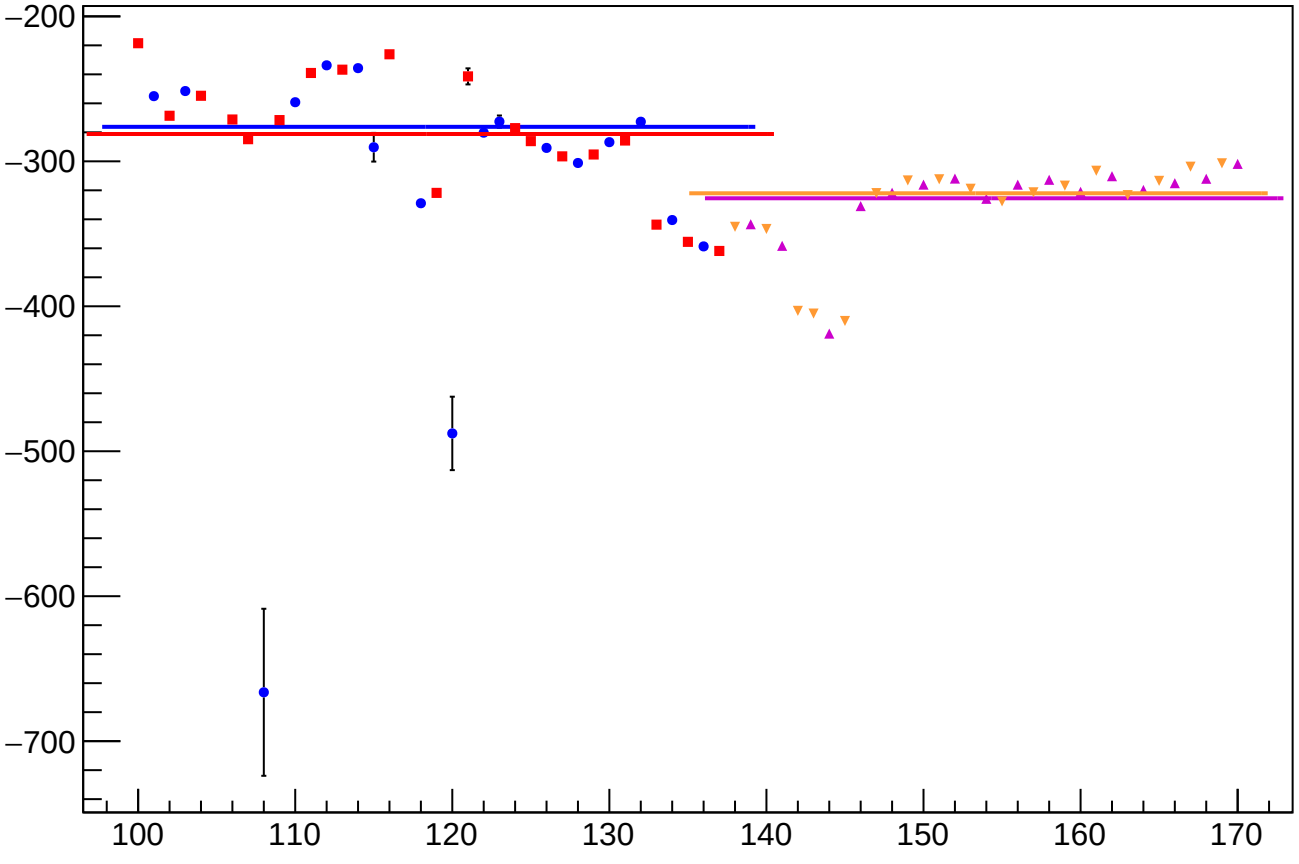
Left In: 20.493+/-0.008 χ^2/NDF:107311.8/15

+ sign 20.058+/-0.008 χ^2/NDF: 119332.0/31

All: 20.380+/-0.006 χ^2/NDF: 259325.6/65

- sign 20.657+/-0.008 χ^2/NDF: 137158.3/33

dit_usr_4aX_slope vs Slug



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -322.046+/-0.121 χ^2/NDF:37938.9/16

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

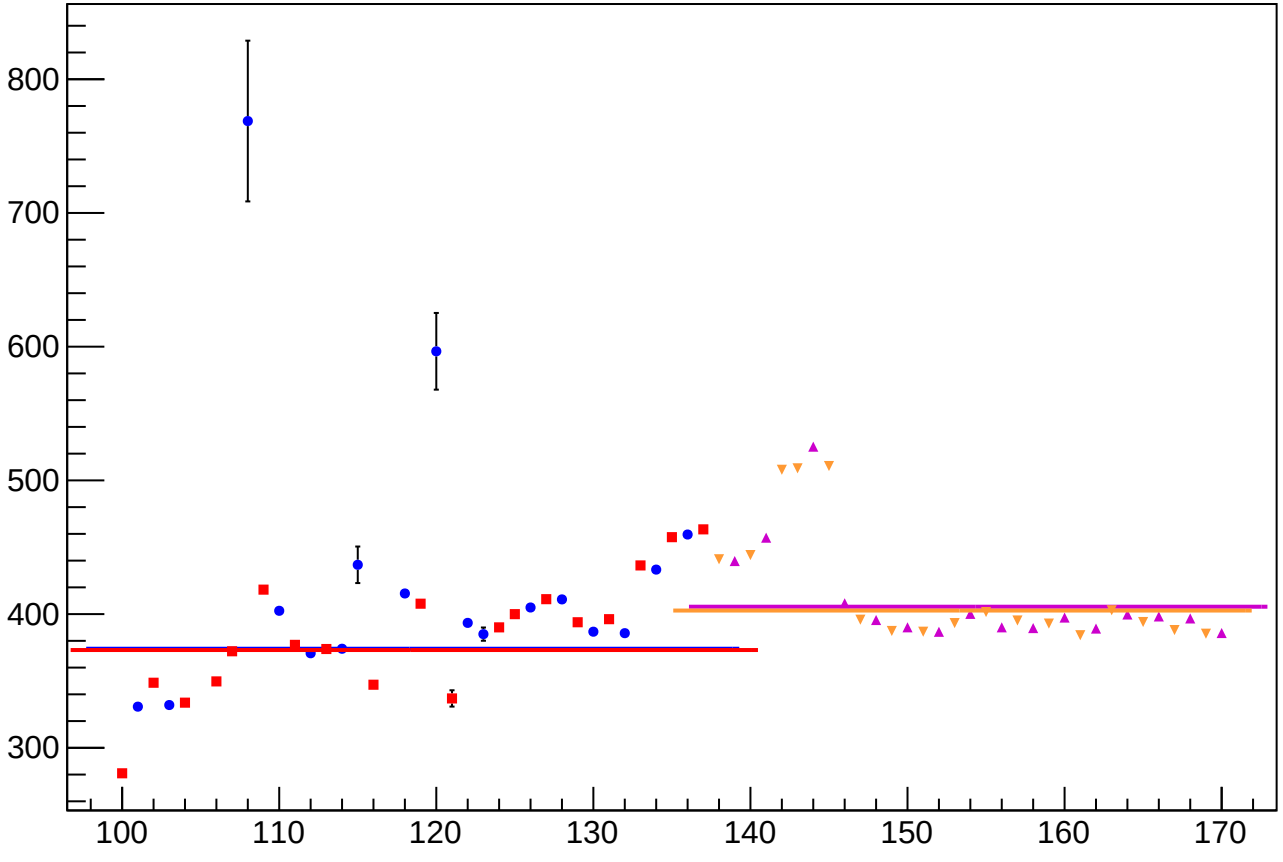
Left In: -325.492+/-0.111 χ^2/NDF:41668.4/15

+ sign -306.288+/-0.098 χ^2/NDF: 145761.6/33

All: -307.983+/-0.066 χ^2/NDF: 323104.8/68

- sign -309.389+/-0.089 χ^2/NDF: 176791.9/34

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 402.664+/-0.122 χ^2/NDF:56956.9/16

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

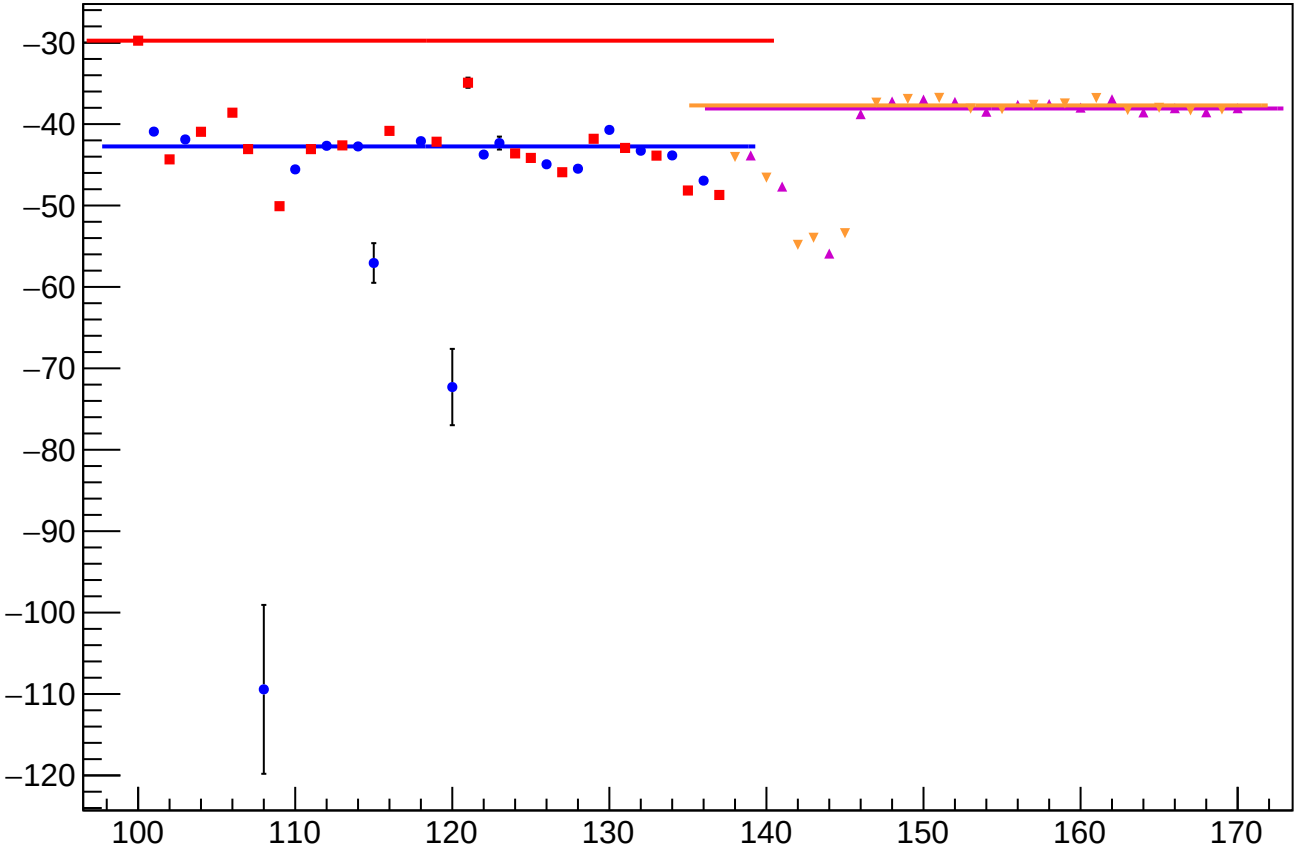
Left In: 405.527+/-0.113 χ^2/NDF:64896.9/15

+ sign 374.094+/-0.000 χ^2/NDF: 146732.8/33

All: 374.094+/-0.000 χ^2/NDF: 397888.8/68

- sign 394.619+/-0.092 χ^2/NDF: 201012.7/34

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.707+/-0.004 χ^2/NDF:257658.2/16

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

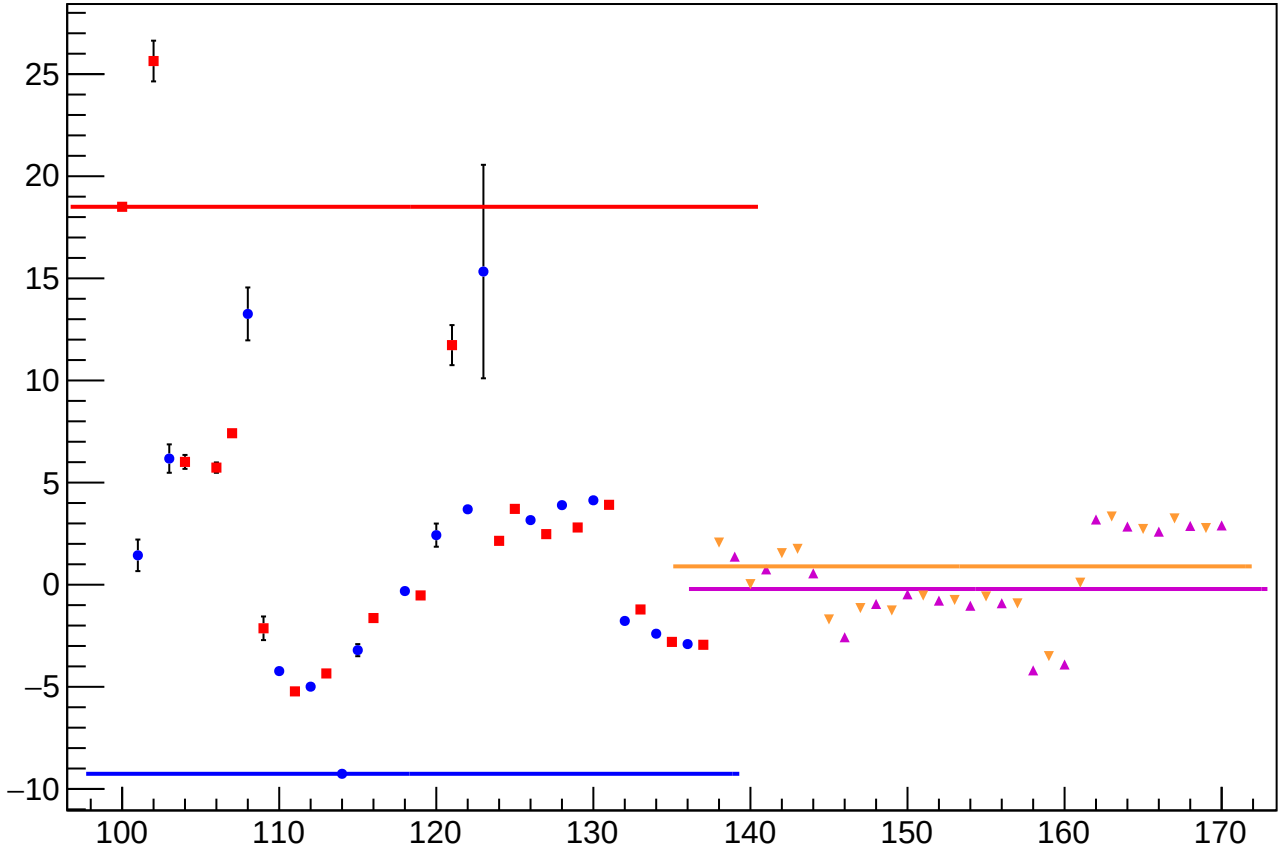
Left In: -38.084+/-0.005 χ^2/NDF:148963.2/15

+ sign -42.744+/-0.000 χ^2/NDF: 1557009.4/33

All: -38.159+/-0.000 χ^2/NDF: 129765212680

- sign -29.754+/-0.000 χ^2/NDF: 3783252.0/34

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: 0.898+/-0.006 χ^2/NDF:139084.9/16

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

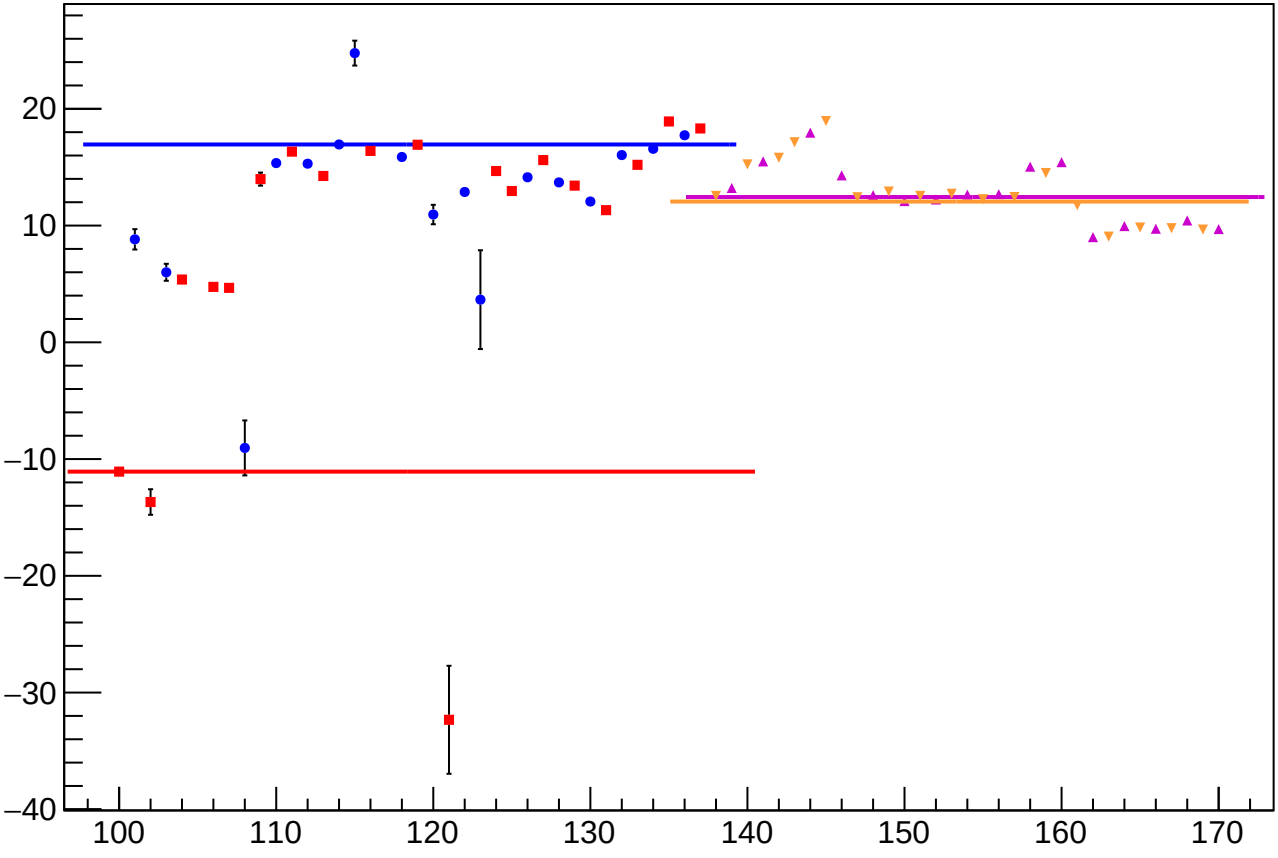
Left In: -0.210+/-0.007 χ^2/NDF:116050.8/15

+ sign -9.259+/-0.000 χ^2/NDF: 3432409.0/33

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

- sign 18.504+/-0.000 χ^2/NDF: 15381716.1/34

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 12.056+/-0.008 χ^2/NDF:55879.0/16

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

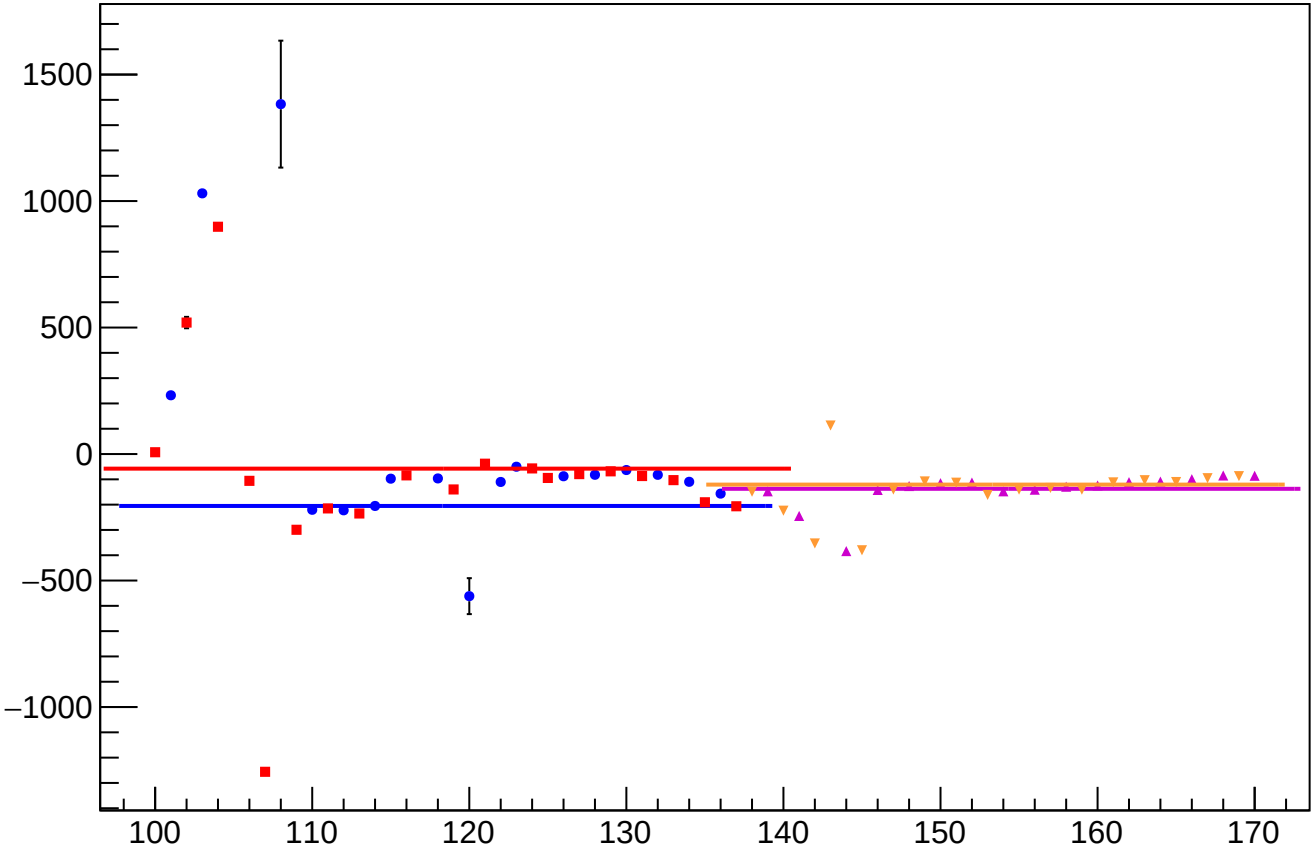
Left In: 12.444+/-0.009 χ^2/NDF:43984.8/15

+ sign 16.947+/-0.000 χ^2/NDF: 419442.2/33

All: -2.268+/-0.000 χ^2/NDF: 469252745463

- sign -11.075+/-0.000 χ^2/NDF: 9032227.6/34

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -120.790+/-0.221 χ^2/NDF:51168.9/16

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

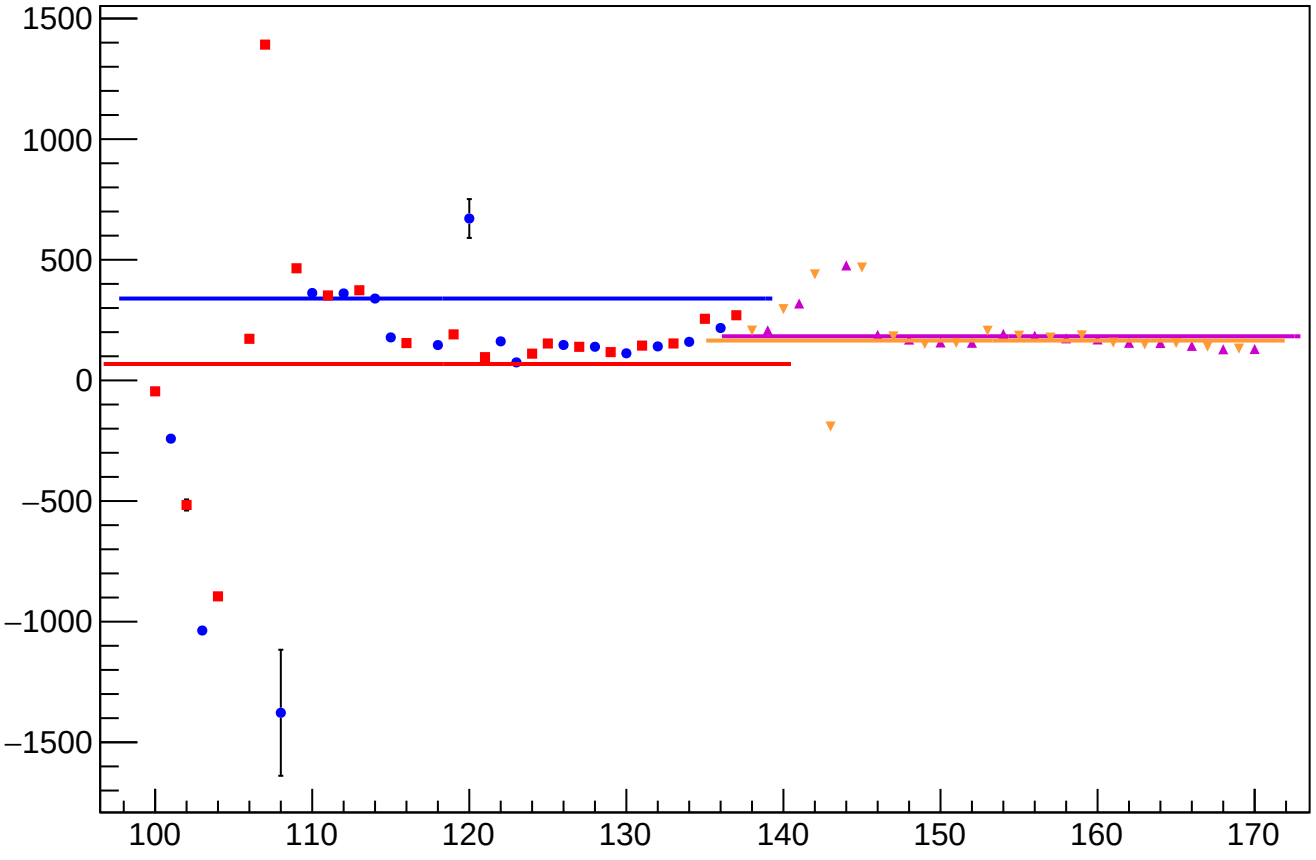
Left In: -137.432+/-0.281 χ^2/NDF:49891.3/15

+ sign -205.160+/-0.000 χ^2/NDF: 779133.3/33

All: -205.160+/-0.000 χ^2/NDF: 1272843.1/68

- sign -97.883+/-0.200 χ^2/NDF: 204674.8/34

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 165.178+/-0.226 χ^2/NDF:85750.8/16

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

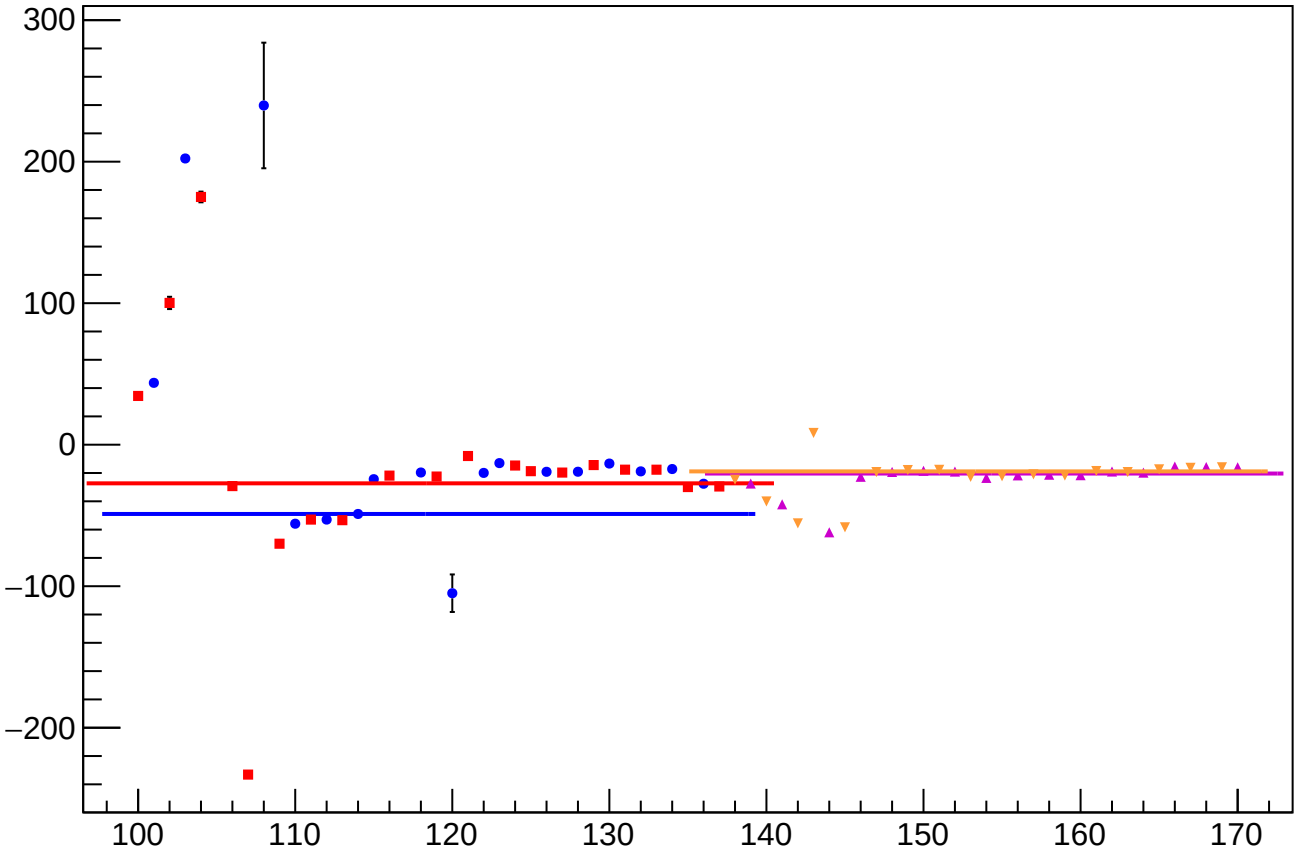
Left In: 182.917+/-0.285 χ^2/NDF:56311.7/15

+ sign 339.325+/-0.000 χ^2/NDF: 1710808.6/33

All: 339.325+/-0.000 χ^2/NDF: 3239328.7/68

- sign 125.626+/-0.202 χ^2/NDF: 409507.3/34

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -18.861+/-0.012 χ^2/NDF:572853.0/16

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

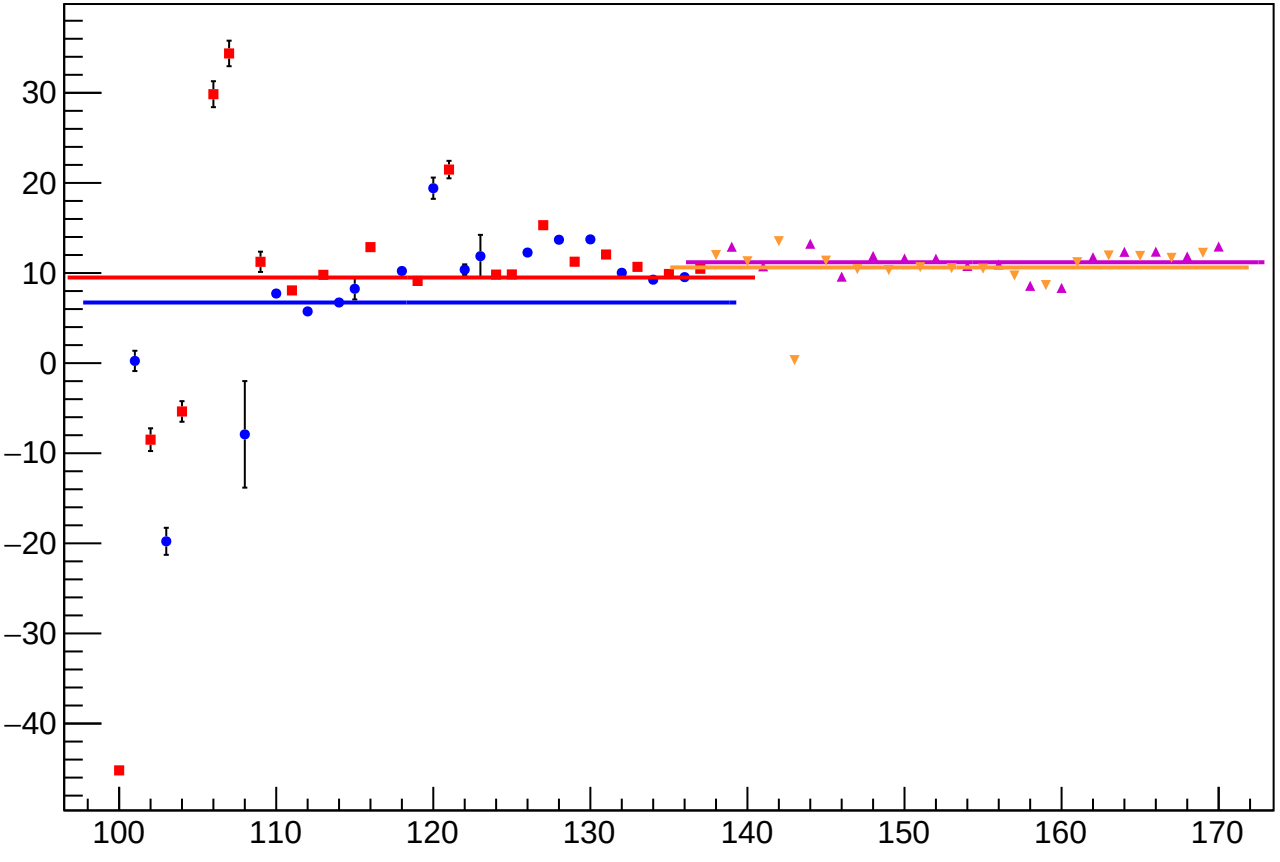
Left In: -20.378+/-0.015 χ^2/NDF:150583.5/15

+ sign -48.945+/-0.000 χ^2/NDF: 12219592.5/33

All: -48.945+/-0.000 χ^2/NDF: 16302645.9/68

- sign -20.921+/-0.014 χ^2/NDF: 334999.8/34

dit_atl1_4aY_slope vs Slug



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 10.623+/-0.015 χ^2/NDF:25485.4/16

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

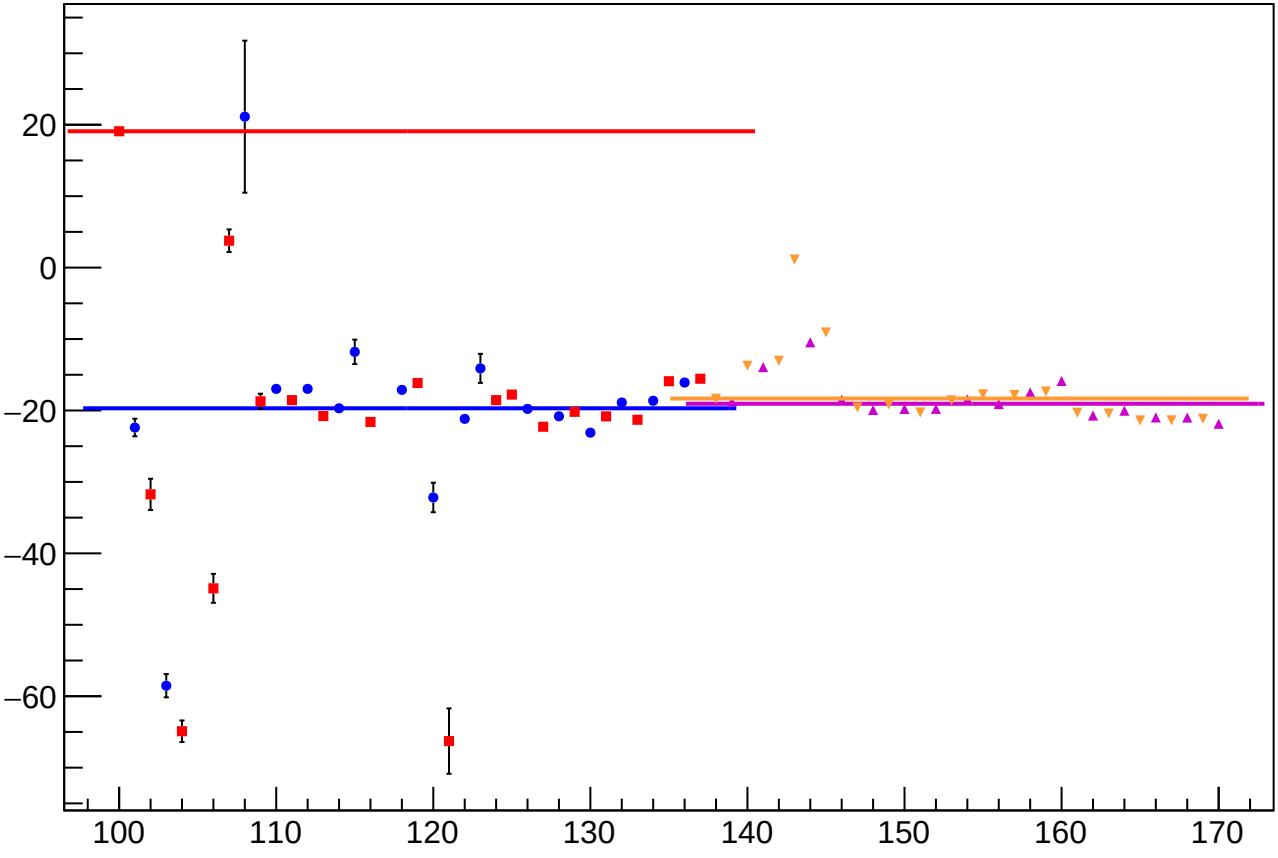
Left In: 11.195+/-0.013 χ^2/NDF:11826.0/15

+ sign 6.728+/-0.000 χ^2/NDF: 103241.8/33

All: 6.728+/-0.000 χ^2/NDF: 270571.9/68

- sign 11.003+/-0.012 χ^2/NDF: 40651.4/34

dit_atl1_4eY_slope vs Slug



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -18.327+/-0.018 χ^2/NDF:46012.9/16

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

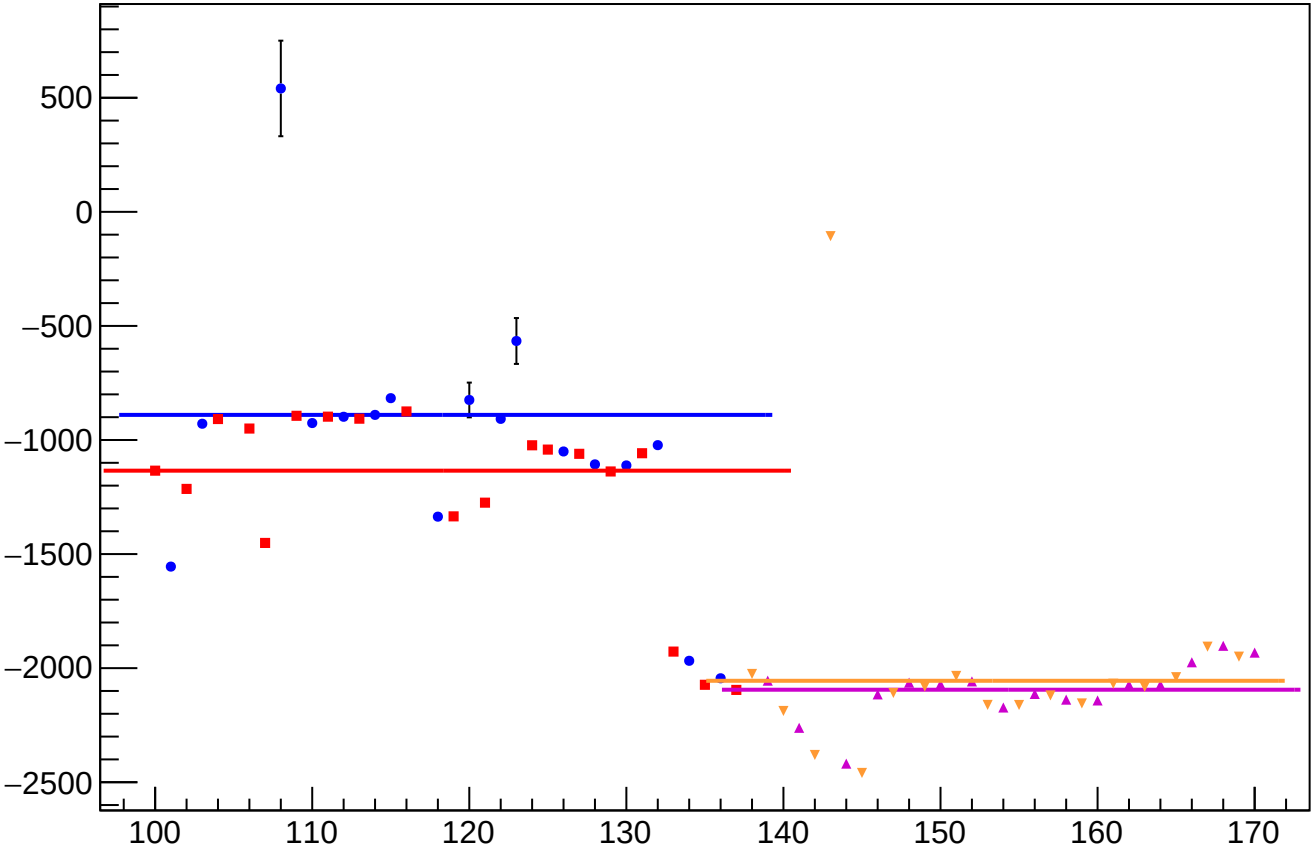
Left In: -19.060+/-0.018 χ^2/NDF:12408.0/15

+ sign -19.693+/-0.000 χ^2/NDF: 59125.7/33

All: -6.006+/-0.000 χ^2/NDF: 462563773129

- sign 19.086+/-0.000 χ^2/NDF: 5207887.9/34

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -2055.403+/-0.423 χ^2/NDF:296582.2/16

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

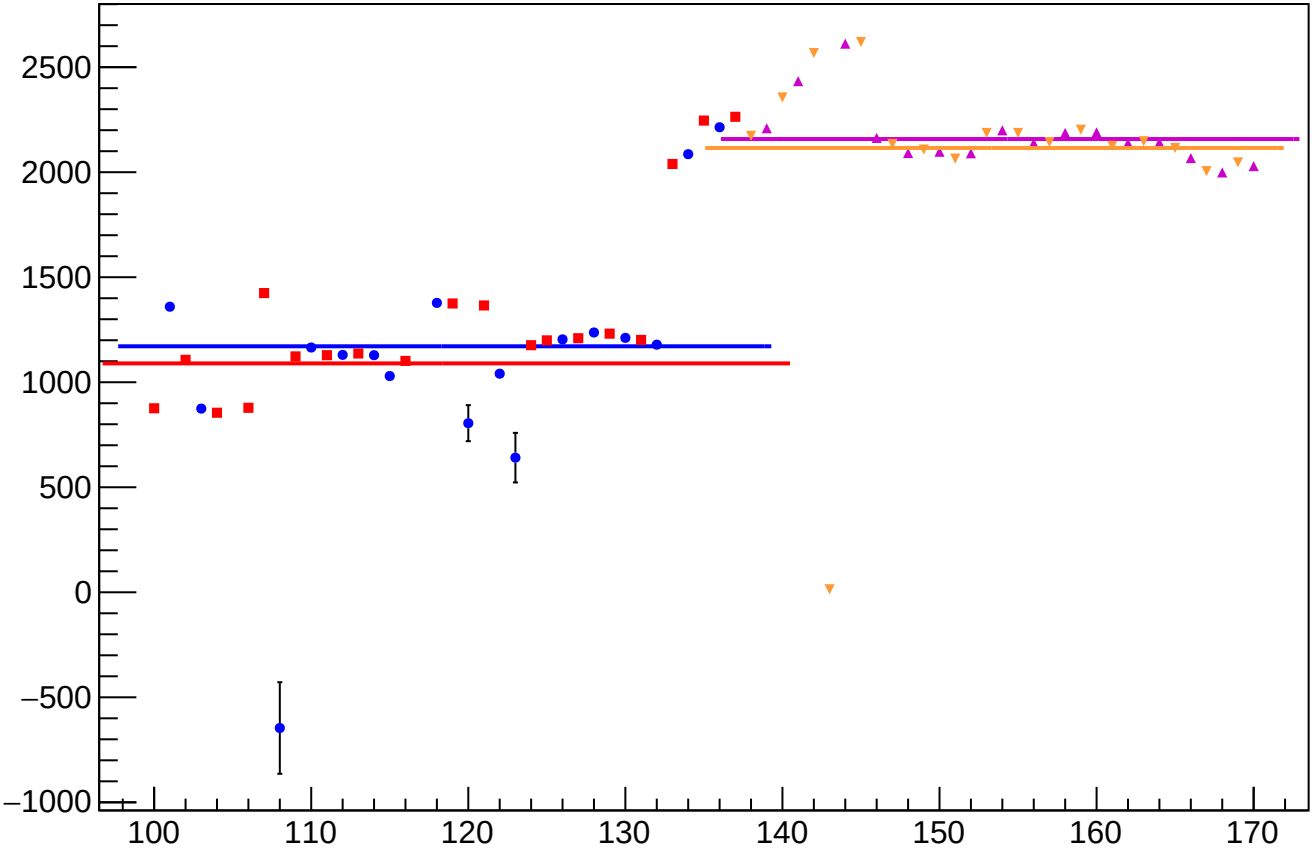
Left In: -2094.577+/-0.440 χ^2/NDF:65829.1/15

+ sign -889.928+/-0.000 χ^2/NDF: 8654651.8/33

All: -976.220+/-0.000 χ^2/NDF: 4488978738

- sign -1134.421+/-0.000 χ^2/NDF: 5550829.9/34

dit_atl2_4eX_slope vs Slug



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2115.412+/-0.423 χ^2/NDF:318049.6/16

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

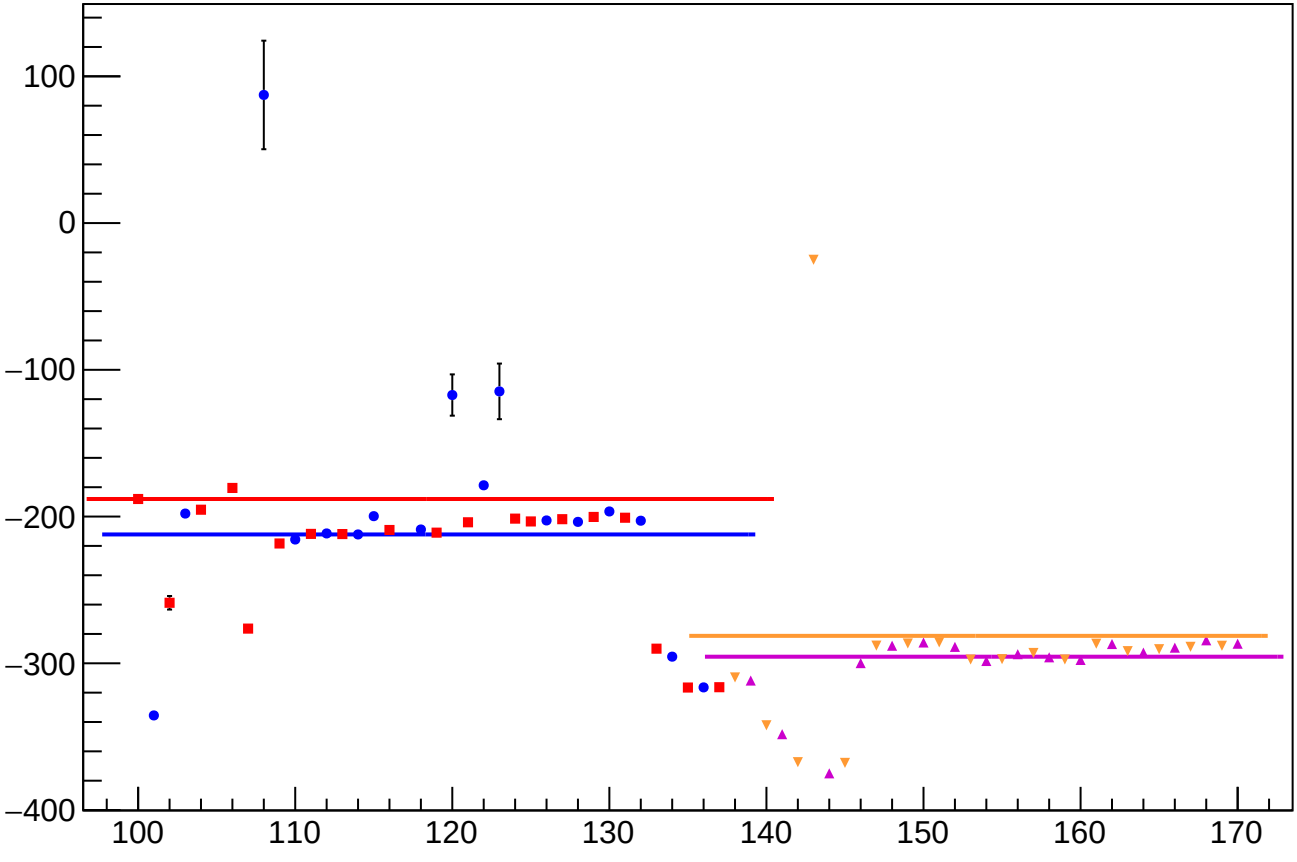
Left In: 2157.973+/-0.442 χ^2/NDF:77285.0/15

+ sign 1408.508+/-0.212 χ^2/NDF: 4548864.6/33

All: 1382.111+/-0.153 χ^2/NDF: 10150517.3/6

- sign 1353.793+/-0.220 χ^2/NDF: 5569610.0/34

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -281.299+/-0.025 χ^2/NDF:5770184.4/16

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

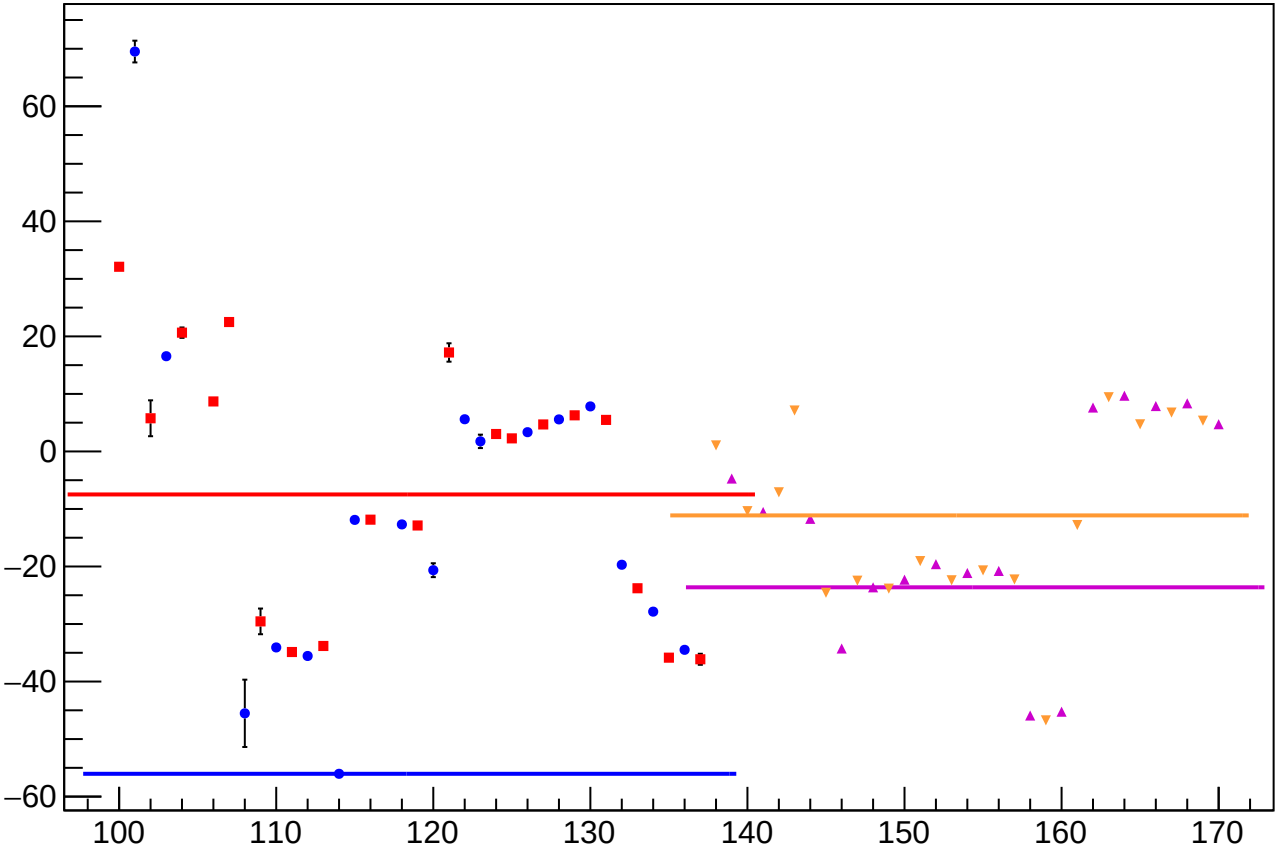
Left In: -295.504+/-0.024 χ^2/NDF:311749.6/15

+ sign -212.190+/-0.000 χ^2/NDF: 14647434.5/33

All: -195.625+/-0.000 χ^2/NDF: 1362230362 5

- sign -188.033+/-0.000 χ^2/NDF: 20172713.7/34

dit_atl2_4aY_slope vs Slug



Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -11.119+/-0.021 χ^2/NDF:865716.5/16

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

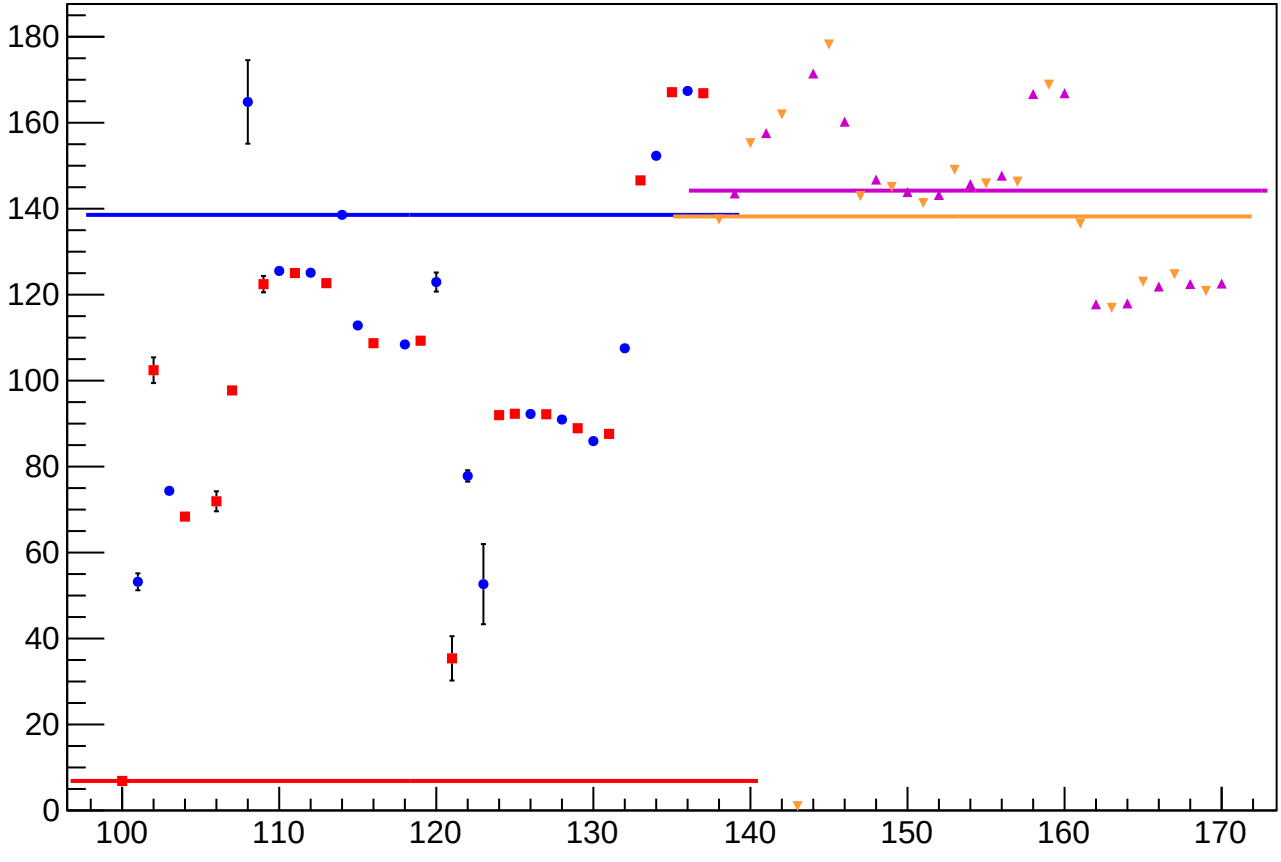
Left In: -23.618+/-0.023 χ^2/NDF:679075.5/15

+ sign -56.037+/-0.000 χ^2/NDF: 7116268.6/33

All: -56.037+/-0.000 χ^2/NDF: 11280903.8/68

- sign -19.917+/-0.020 χ^2/NDF: 965855.8/34

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 138.200+/-0.029 χ^2/NDF:540768.4/16

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

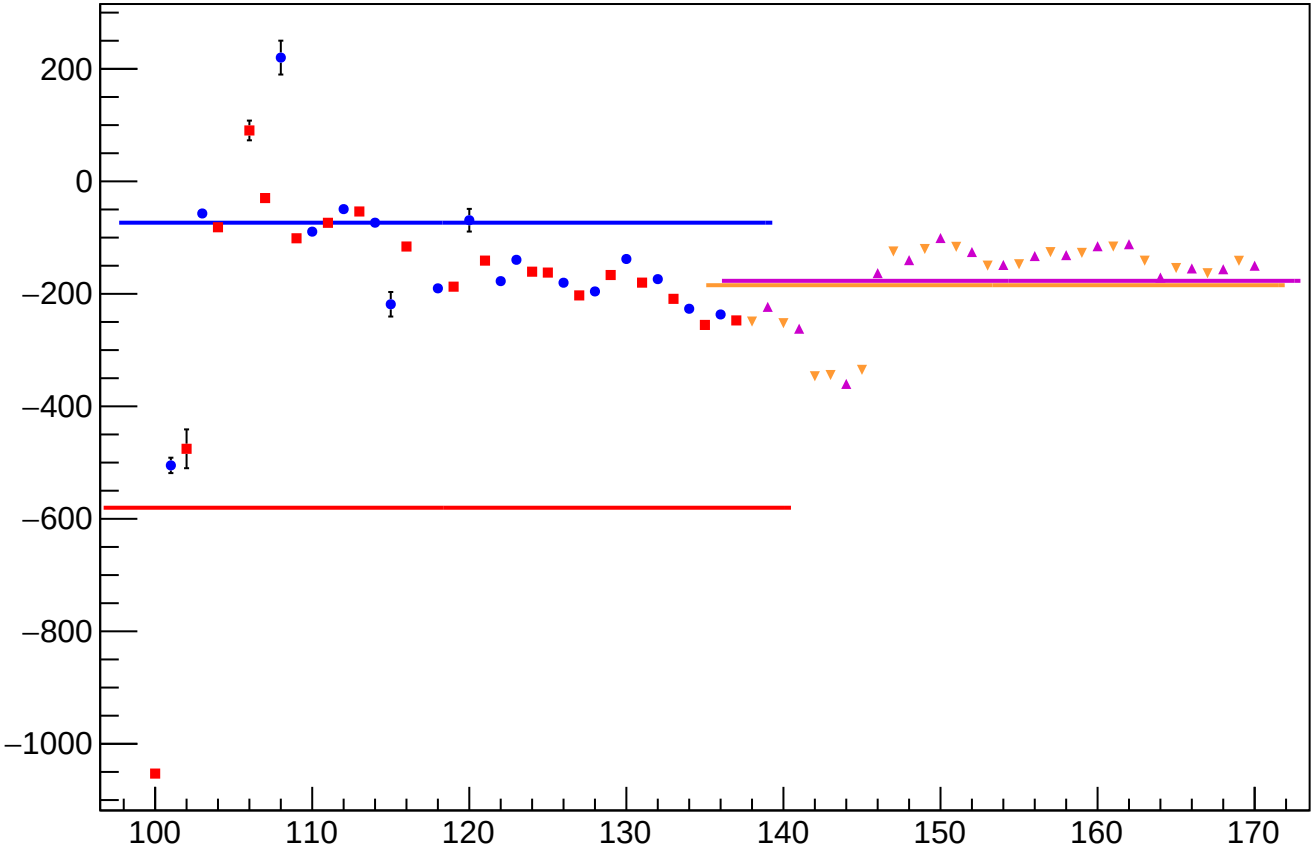
Left In: 144.206+/-0.031 χ^2/NDF:248489.6/15

+ sign 138.565+/-0.000 χ^2/NDF: 1442086.0/33

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

- sign 6.866+/-0.000 χ^2/NDF: 27991775.9/34

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -184.629+/-0.284 χ^2/NDF:68189.6/16

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

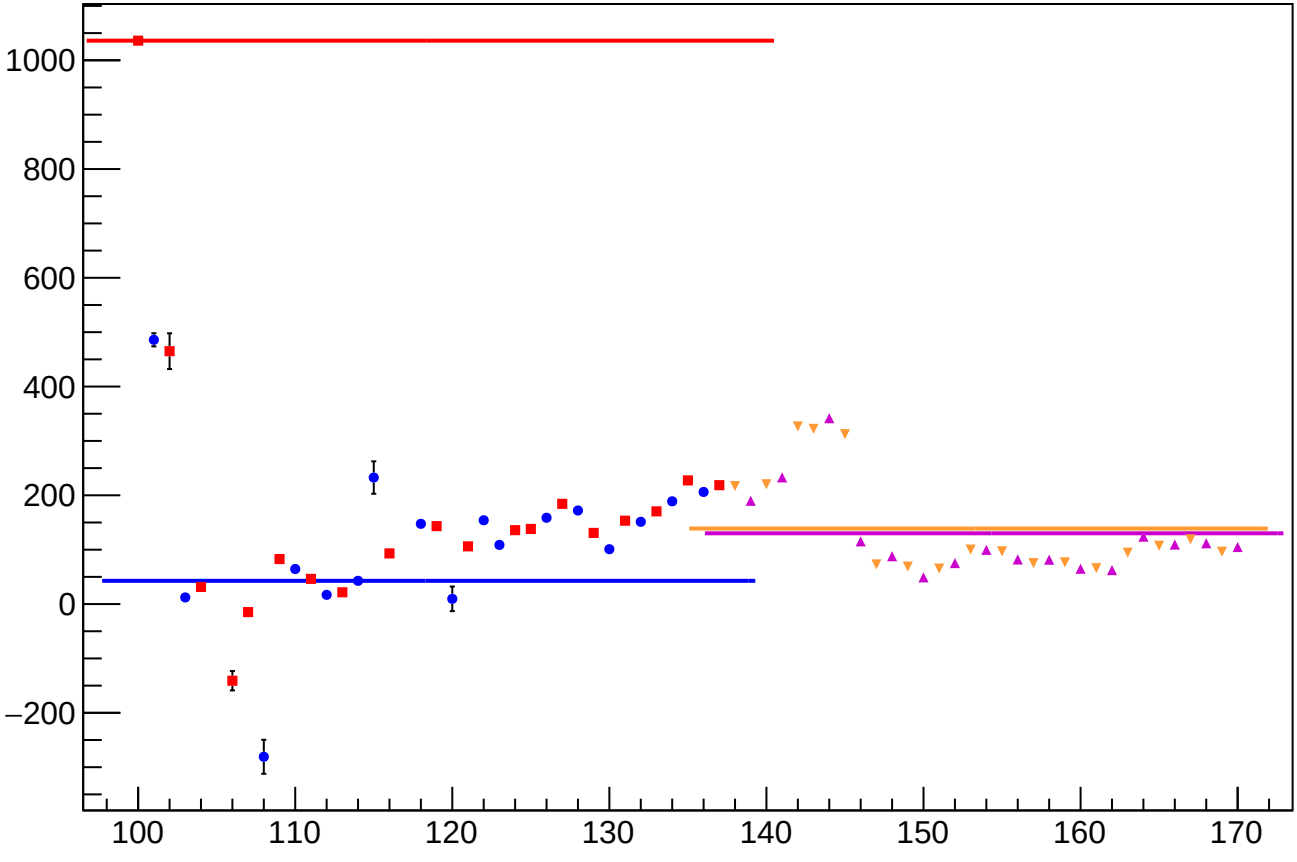
Left In: -176.847+/-0.294 χ^2/NDF:62722.6/15

+ sign -73.485+/-0.000 χ^2/NDF: 320312.8/33

All: -73.485+/-0.000 χ^2/NDF: 7310241.1/68

- sign -402.332+/-0.195 χ^2/NDF: 4148516.7/34

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 138.894+/-0.288 χ^2/NDF:82517.5/16

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

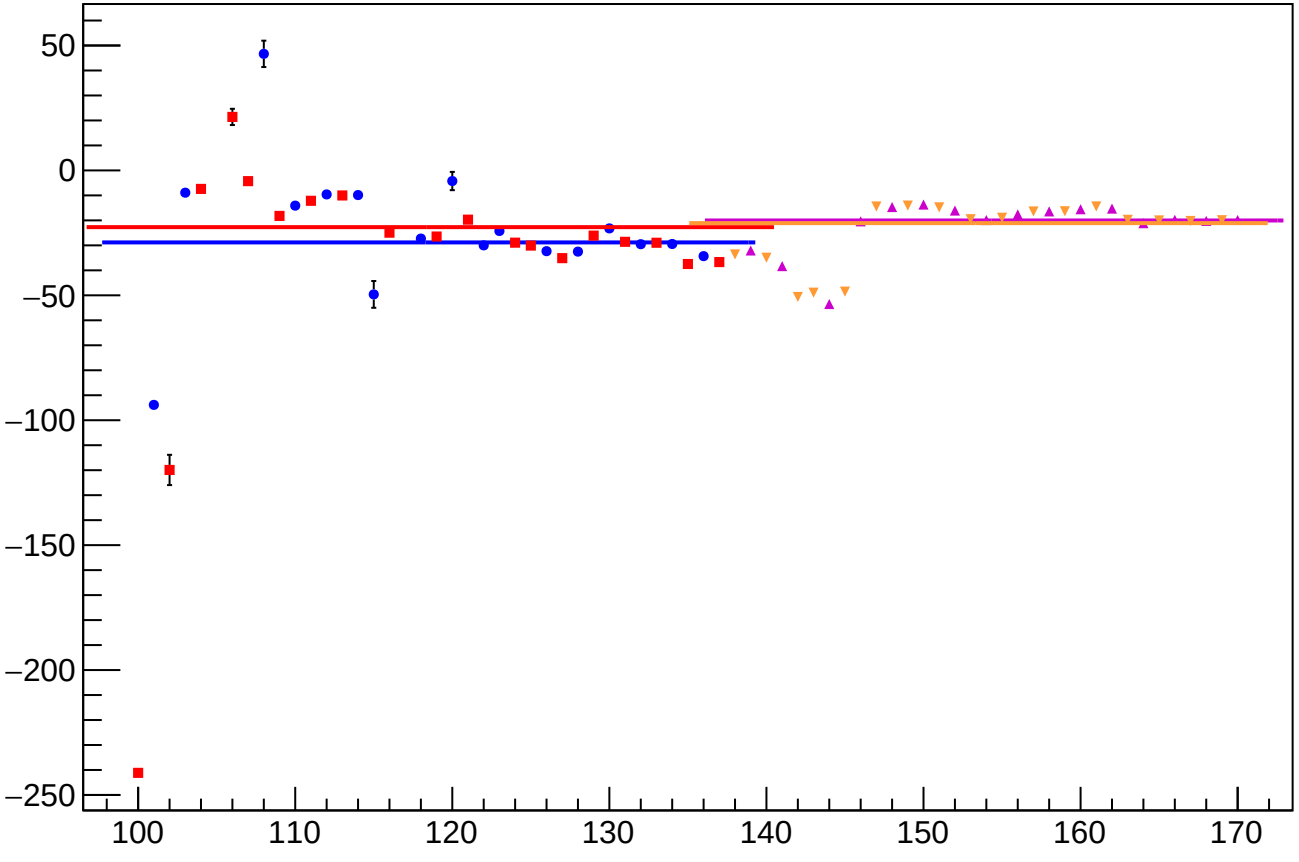
Left In: 130.136+/-0.300 χ^2/NDF:71914.4/15

+ sign 42.743+/-0.000 χ^2/NDF: 278350.5/33

All: 43.272+/-0.000 χ^2/NDF: 114451749726

- sign 1036.068+/-0.000 χ^2/NDF: 14151955.9/34

dit_atr1_11X12X_slope vs Slug



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -21.097+/-0.015 χ^2/NDF:345284.7/16

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

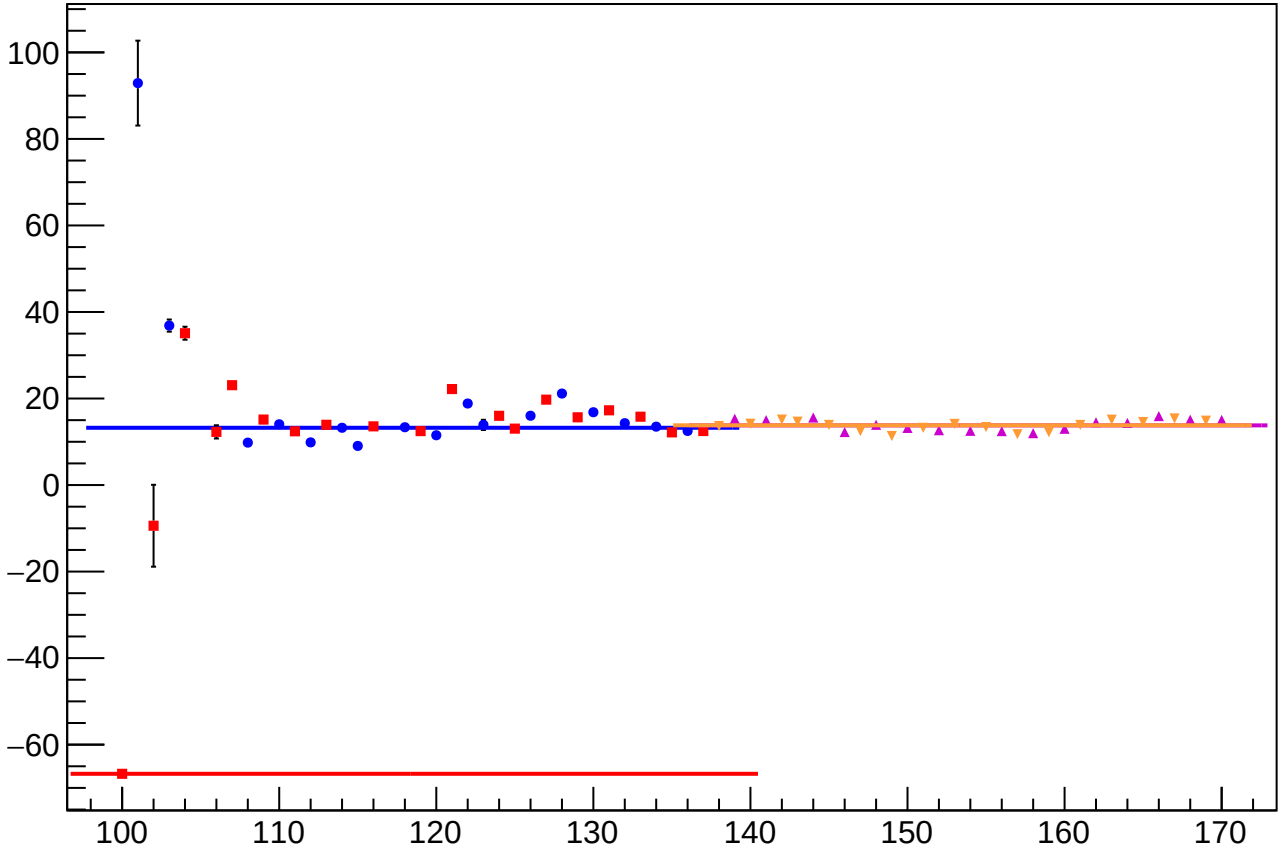
Left In: -20.036+/-0.017 χ^2/NDF:200381.6/15

+ sign -22.249+/-0.013 χ^2/NDF: 436867.0/33

All: -21.463+/-0.010 χ^2/NDF: 1059381.0/68

- sign -20.459+/-0.015 χ^2/NDF: 614695.2/34

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.810+/-0.014 χ^2/NDF:7139.1/16

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

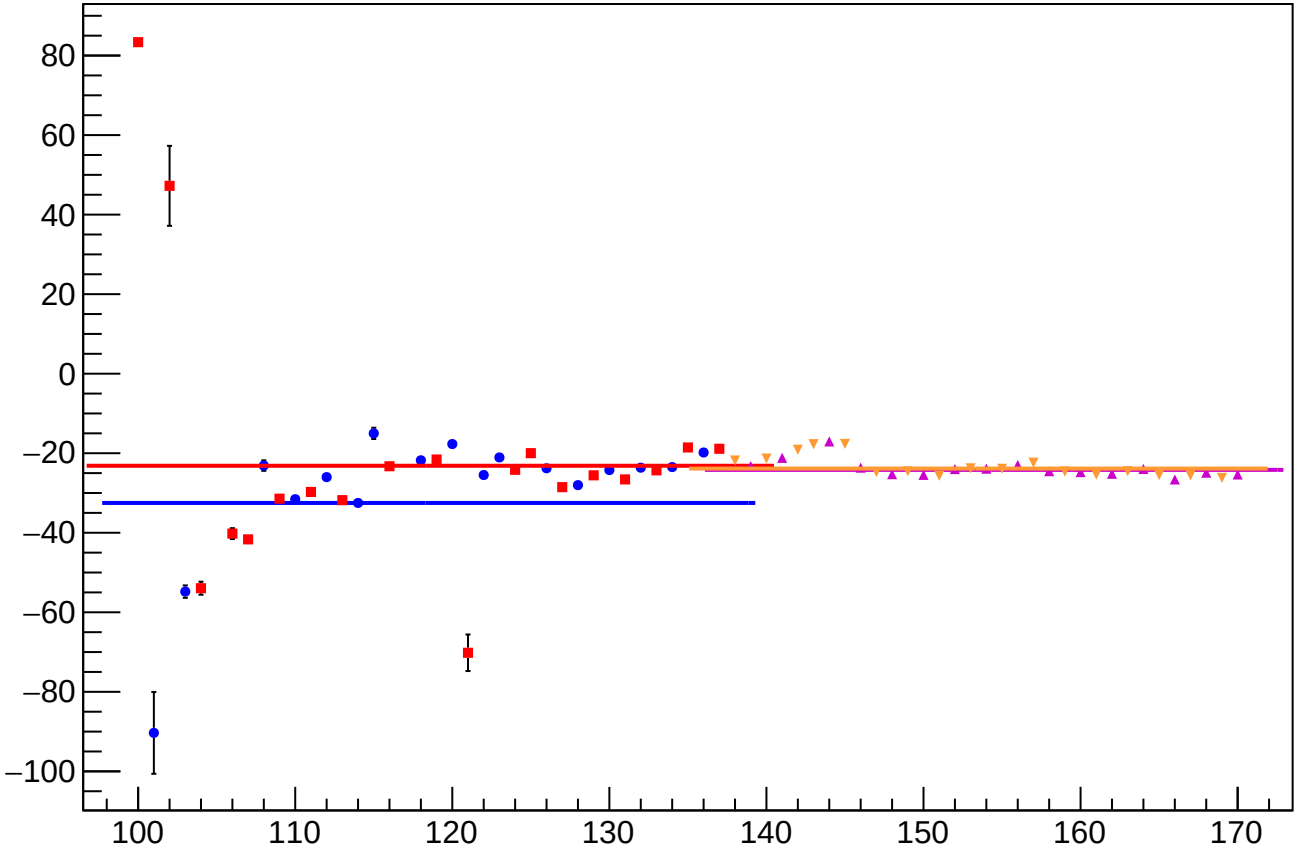
Left In: 13.791+/-0.015 χ^2/NDF:7048.9/15

+ sign 13.238+/-0.000 χ^2/NDF: 14650.4/33

All: 12.562+/-0.000 χ^2/NDF: 188431002765

- sign -66.739+/-0.000 χ^2/NDF: 33415790.3/34

dit_atr1_4eY_slope vs Slug



Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -23.857+/-0.019 χ^2/NDF:16164.2/16

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

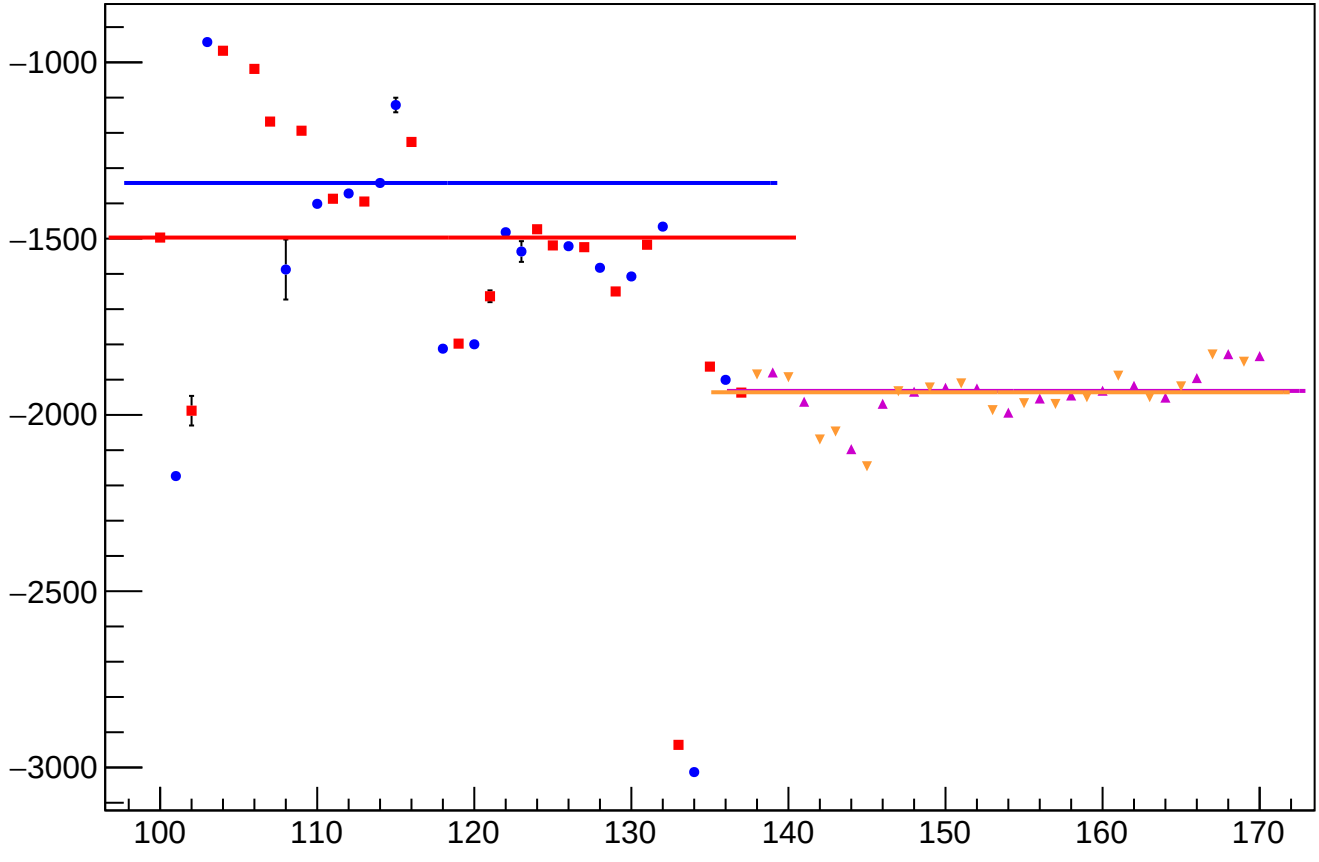
Left In: -24.189+/-0.018 χ^2/NDF:6791.9/15

+ sign -32.504+/-0.000 χ^2/NDF: 300282.4/33

All: -32.504+/-0.000 χ^2/NDF: 644525.2/68

- sign -24.056+/-0.017 χ^2/NDF: 97955.5/34

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1935.734+/-0.382 χ^2/NDF:27252.2/16

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

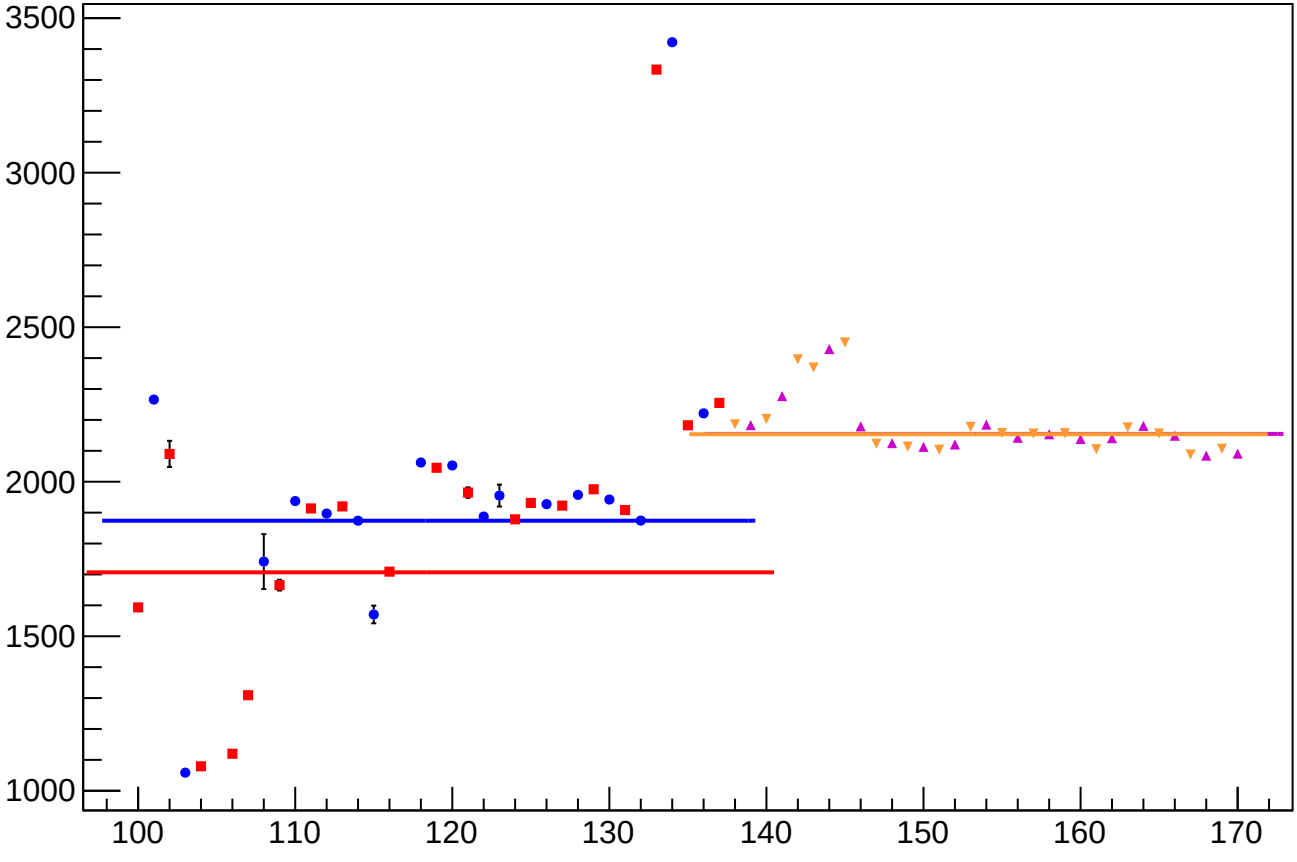
Left In: -1931.915+/-0.325 χ^2/NDF:26614.9/15

+ sign -1342.107+/-0.000 χ^2/NDF: 2816213.2/33

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

- sign -1496.932+/-0.000 χ^2/NDF: 2321337.1/34

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2153.732+/-0.386 χ^2/NDF:31670.9/16

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

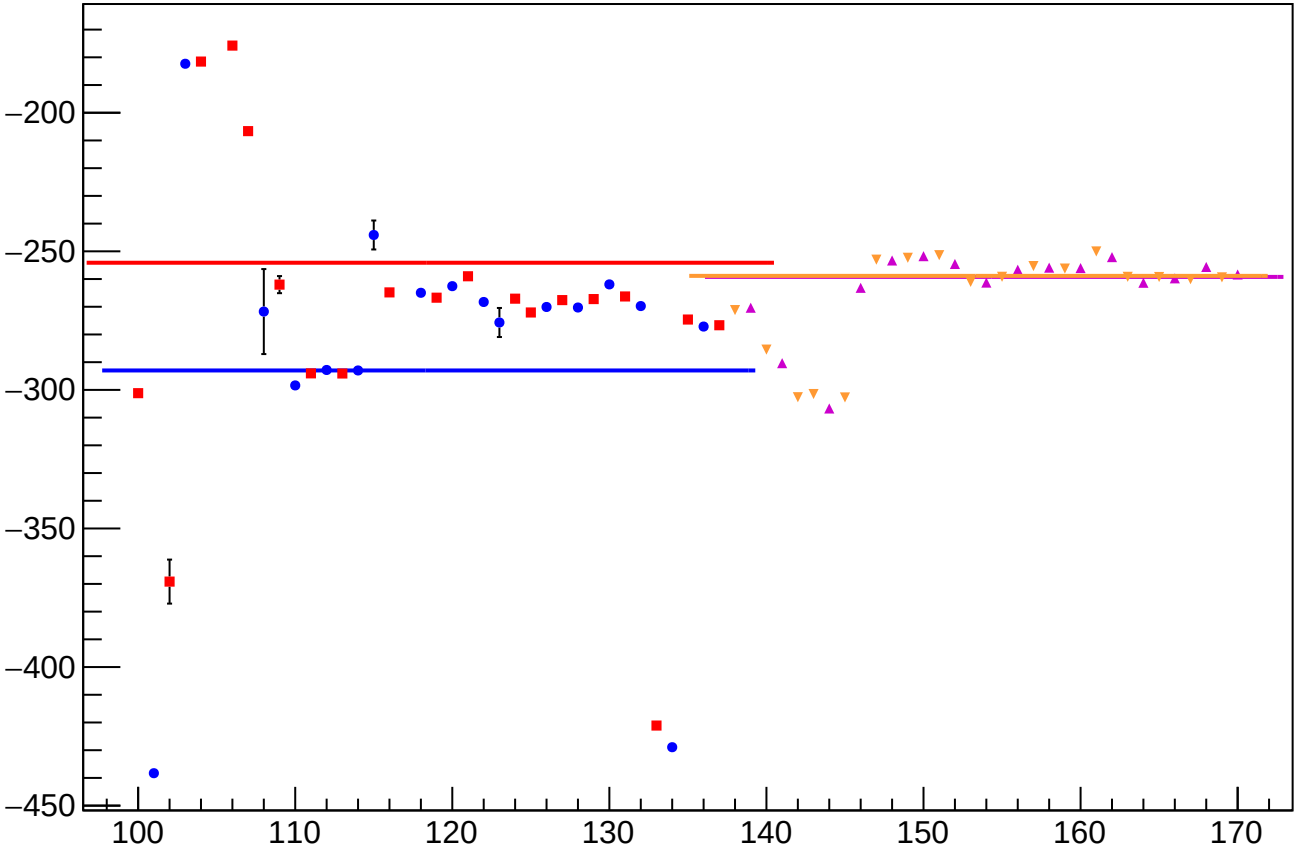
Left In: 2154.665+/-0.326 χ^2/NDF:40903.0/15

+ sign 1873.852+/-0.000 χ^2/NDF: 758961.6/33

All: 1873.852+/-0.000 χ^2/NDF: 2684707.4/68

- sign 1913.824+/-0.222 χ^2/NDF: 1893248.7/34

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -258.856+/-0.022 χ^2/NDF:205017.2/16

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

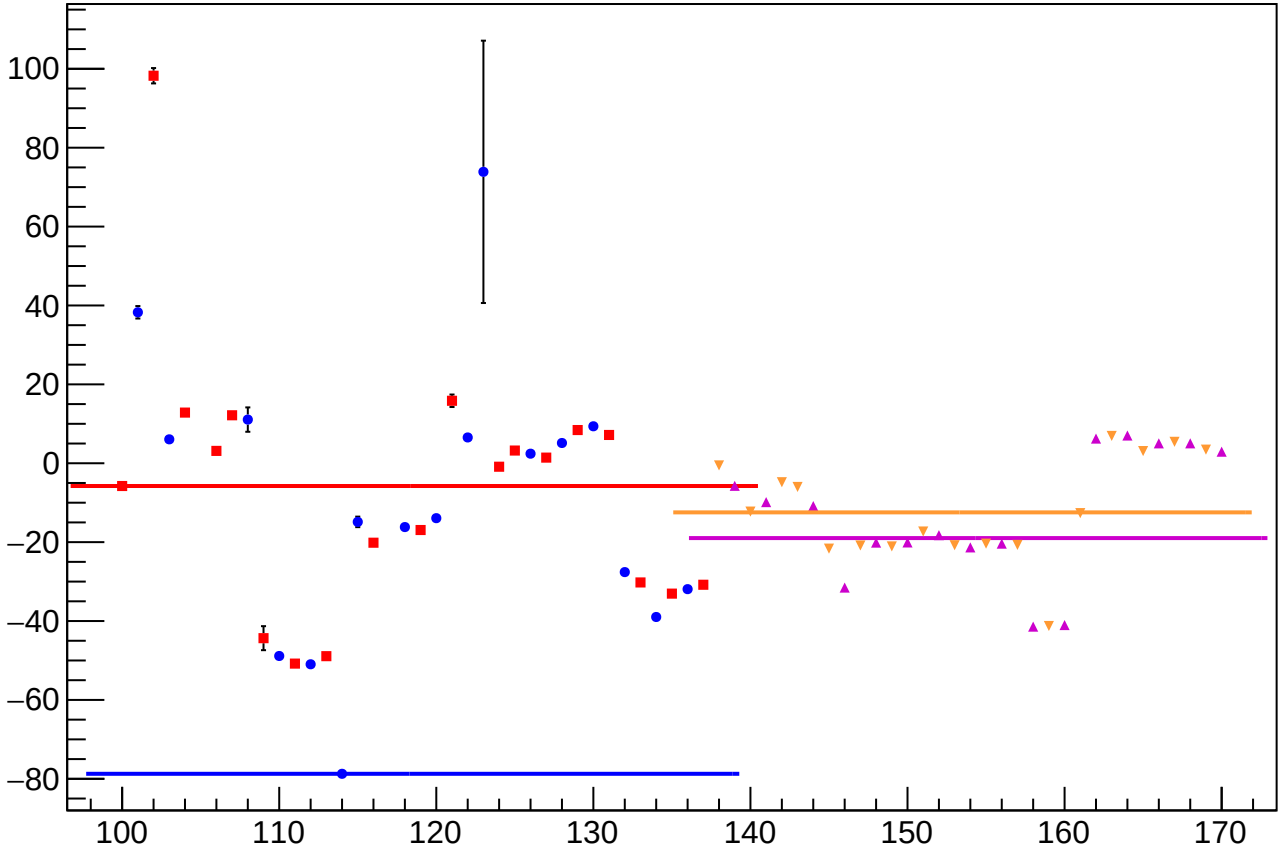
Left In: -259.229+/-0.019 χ^2/NDF:249461.9/15

+ sign -292.986+/-0.000 χ^2/NDF: 3584674.5/33

All: -292.986+/-0.000 χ^2/NDF: 7855410.7/68

- sign -258.739+/-0.018 χ^2/NDF: 758903.3/34

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -12.454+/-0.020 χ^2/NDF:671812.9/16

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

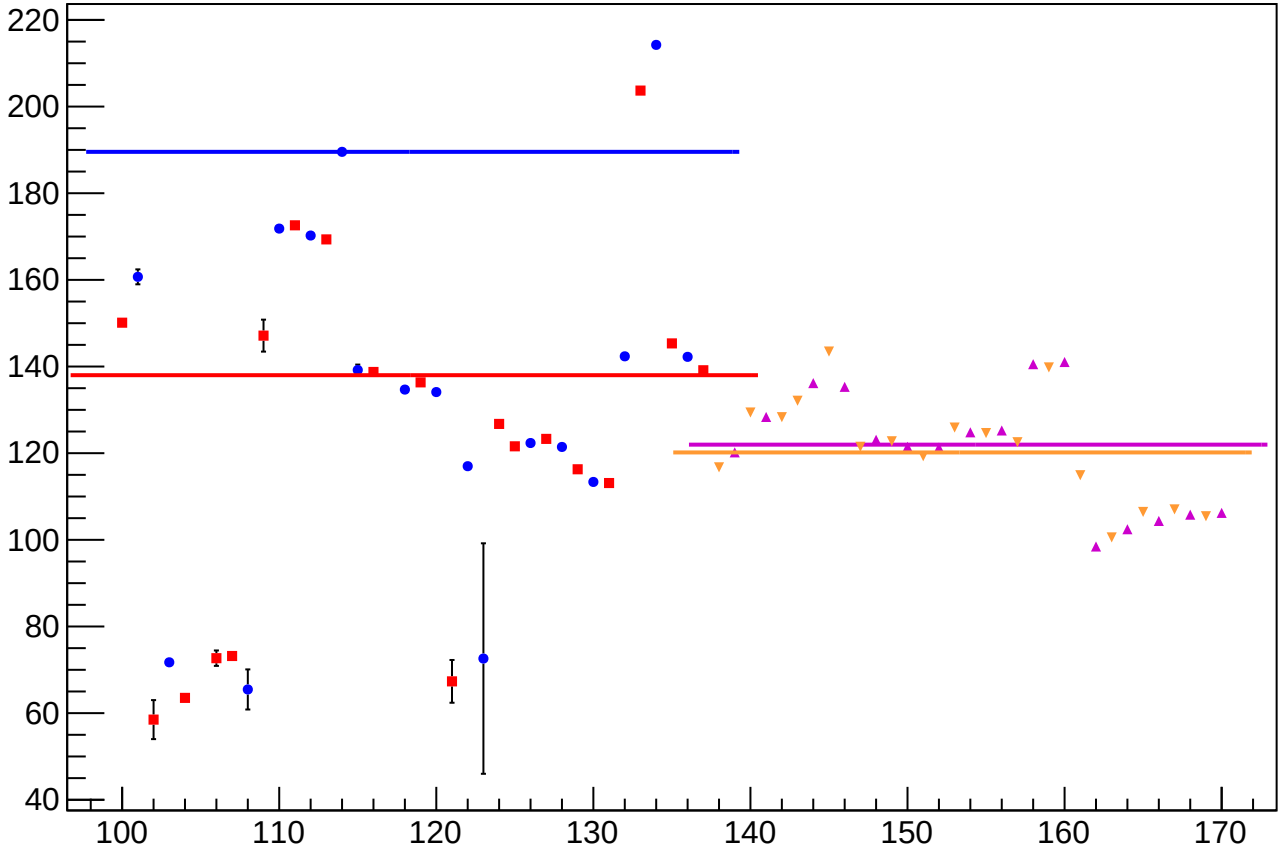
Left In: -18.970+/-0.019 χ^2/NDF:749779.8/15

+ sign -78.728+/-0.000 χ^2/NDF: 12793894.1/33

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

- sign -5.769+/-0.000 χ^2/NDF: 1370240.8/34

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 120.172+/-0.026 χ^2/NDF:187905.2/16

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

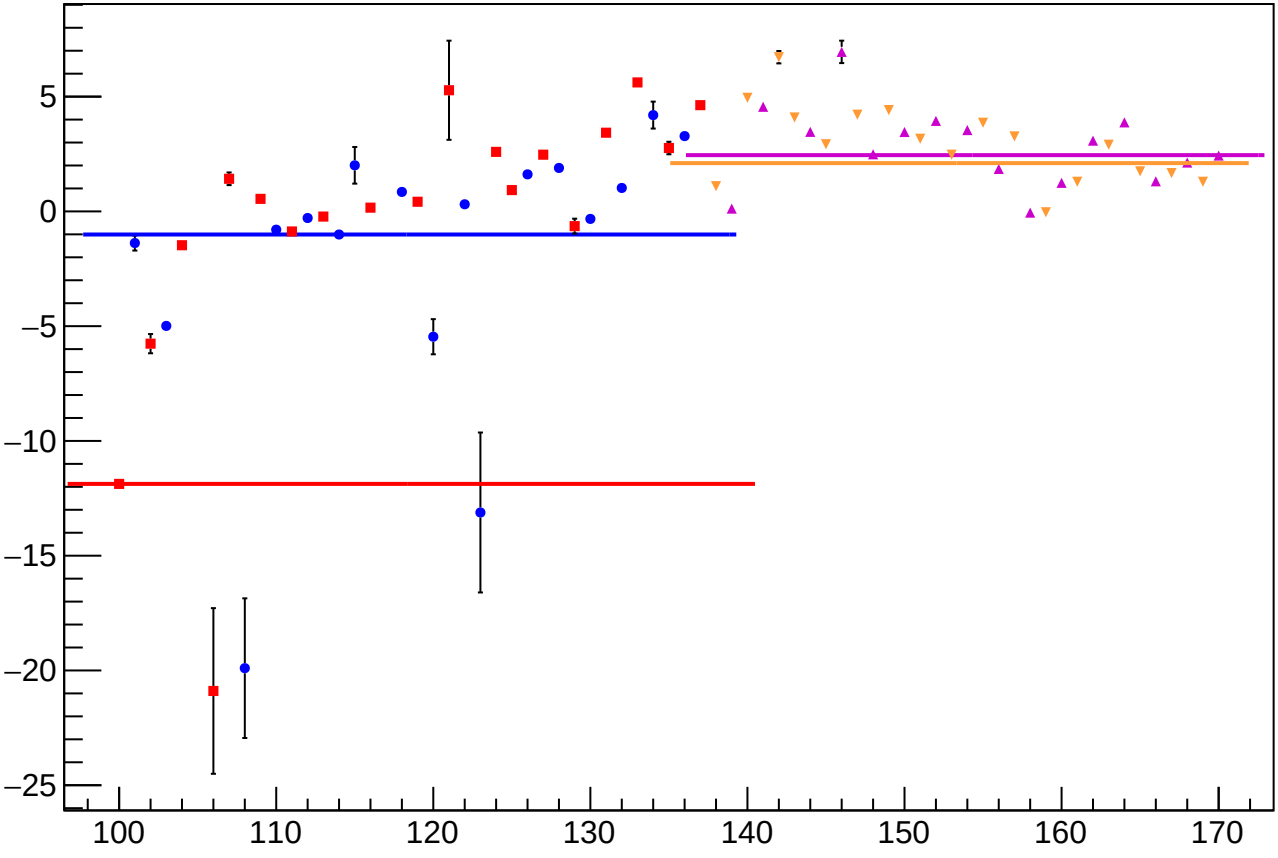
Left In: 121.970+/-0.026 χ^2/NDF:230100.3/15

+ sign 189.551+/-0.000 χ^2/NDF: 8454377.1/33

All: 189.551+/-0.000 χ^2/NDF: 16139739.5/68

- sign 124.631+/-0.024 χ^2/NDF: 408902.3/34

dit_sam1_4aX_slope vs Slug



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.104+/-0.020 χ^2/NDF:5323.5/16

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

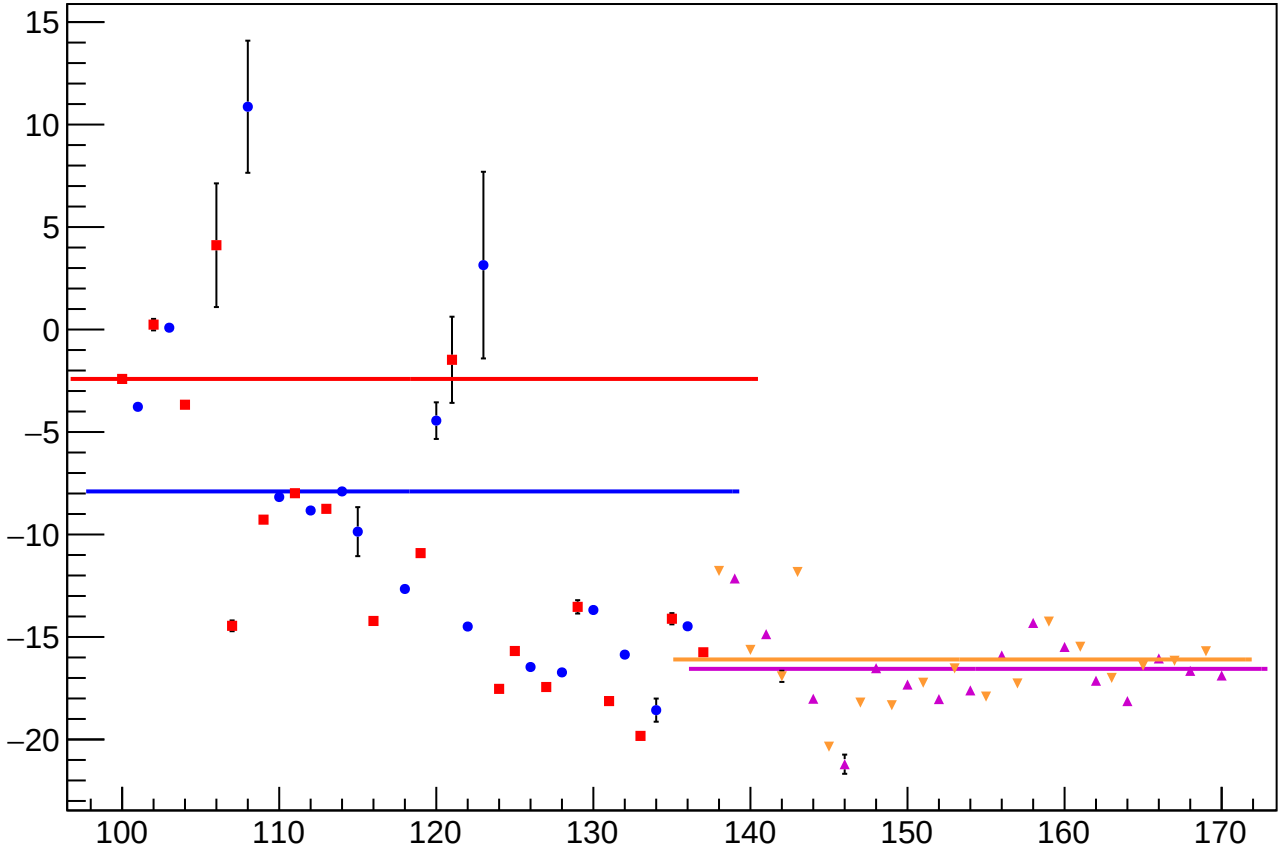
Left In: 2.451+/-0.017 χ^2/NDF:6453.5/15

+ sign -1.007+/-0.000 χ^2/NDF: 36113.9/33

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

- sign -11.872+/-0.000 χ^2/NDF: 1233161.1/34

dit_sam1_4eX_slope vs Slug



Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -16.097+/-0.020 χ^2/NDF:6119.7/16

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

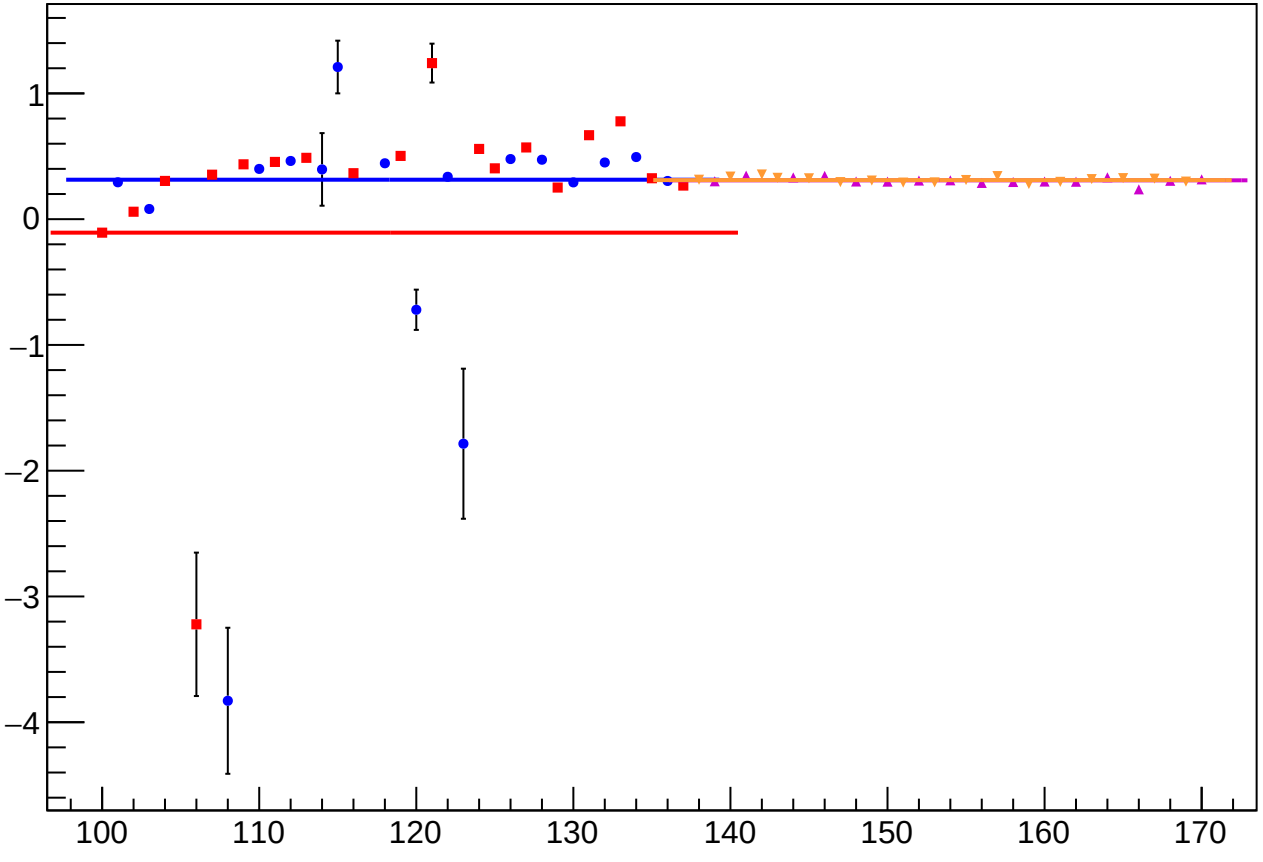
Left In: -16.555+/-0.017 χ^2/NDF:5408.5/15

+ sign -7.899+/-0.000 χ^2/NDF: 215521.9/33

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

- sign -2.410+/-0.000 χ^2/NDF: 863394.6/34

dit_sam1_11X12X_slope vs Slug



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.311+/-0.000 χ^2/NDF:4123.2/16

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

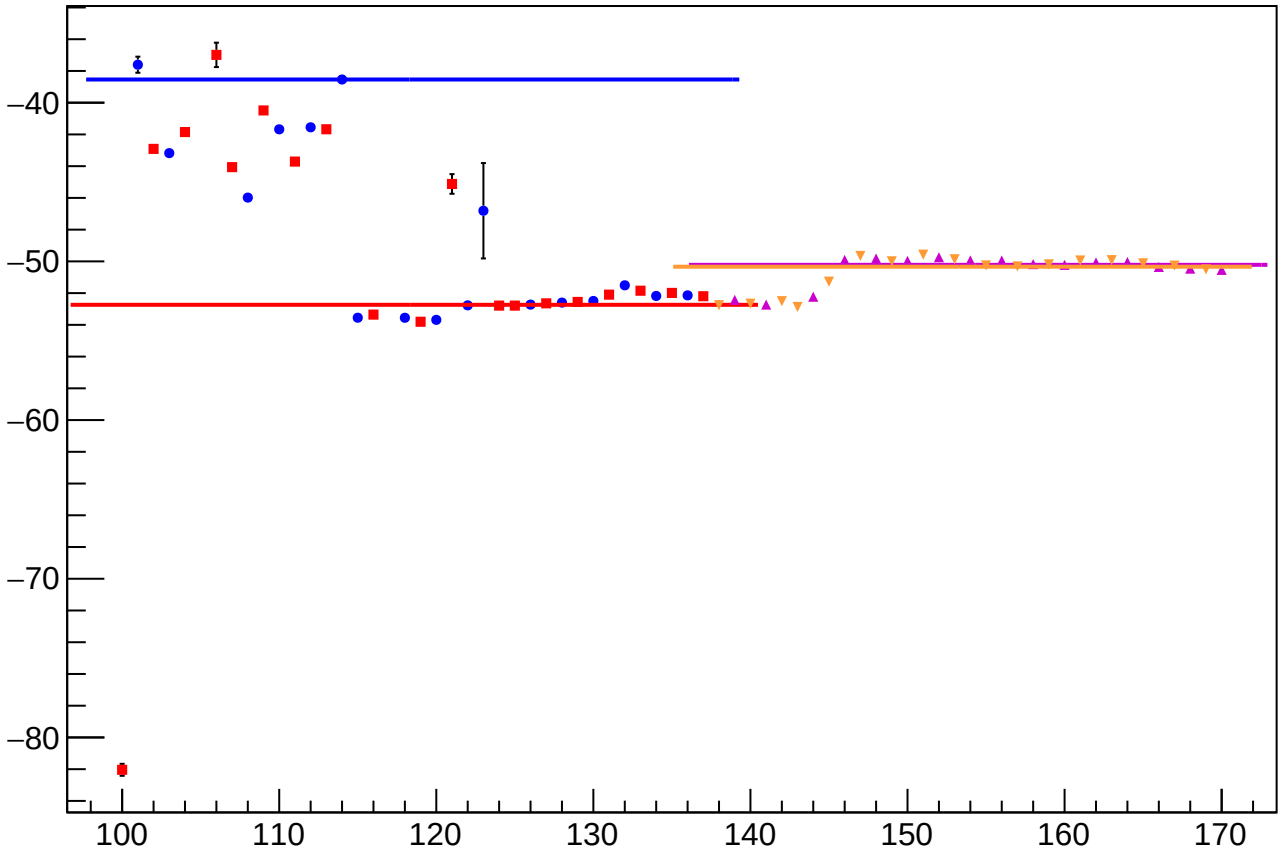
Left In: 0.309+/-0.000 χ^2/NDF:2710.3/15

+ sign 0.311+/-0.000 χ^2/NDF: 6881.2/33

All: -0.107+/-0.000 χ^2/NDF: 5251034.2/68

- sign -0.107+/-0.000 χ^2/NDF: 2569002.9/34

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.336+/-0.002 χ^2/NDF:253068.4/16

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

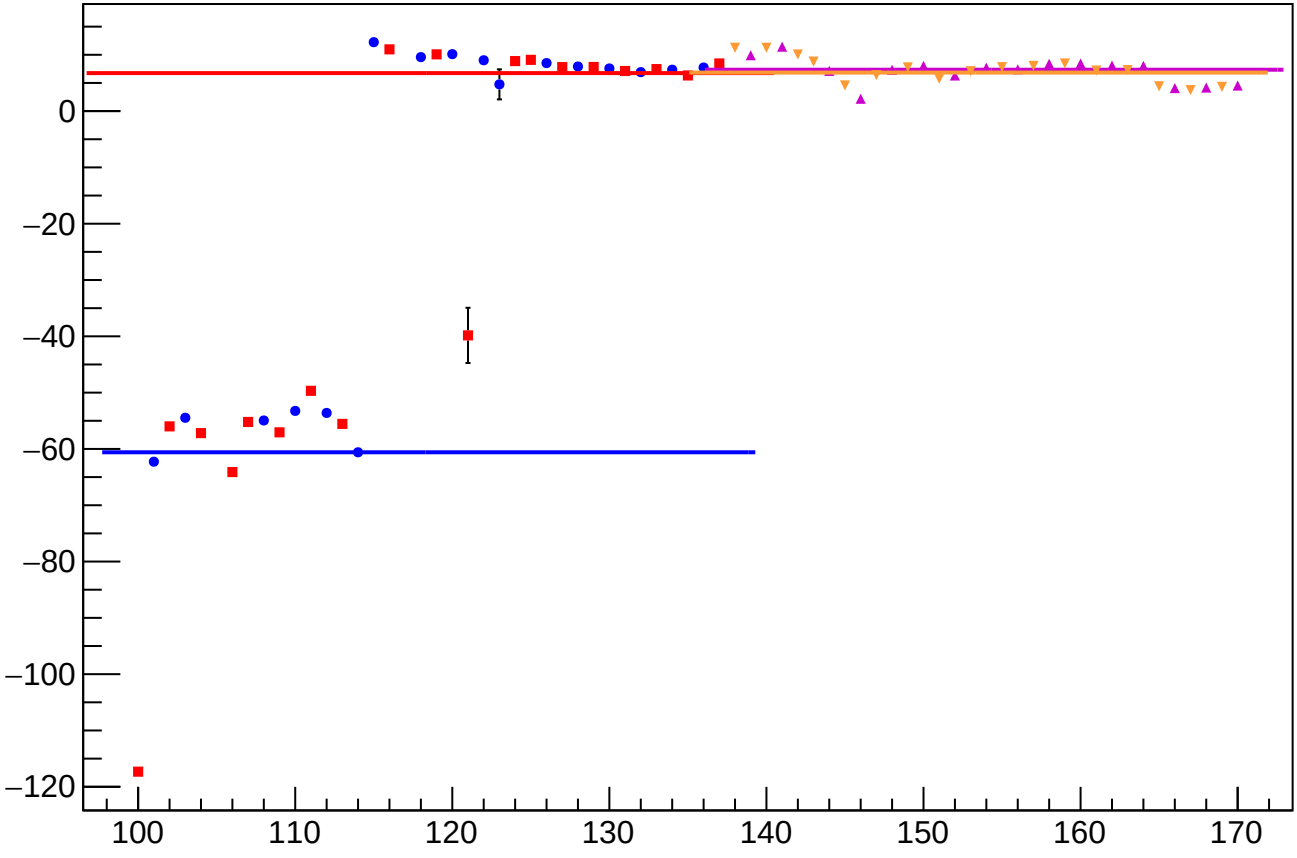
Left In: -50.218+/-0.001 χ^2/NDF:164509.0/15

+ sign -38.539+/-0.000 χ^2/NDF: 67690809.7/33

All: -38.539+/-0.000 χ^2/NDF: 198563488.4/6

- sign -51.085+/-0.001 χ^2/NDF: 1429637.9/34

dit_sam1_4eY_slope vs Slug



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 6.842+/-0.004 χ^2/NDF:273228.1/16

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

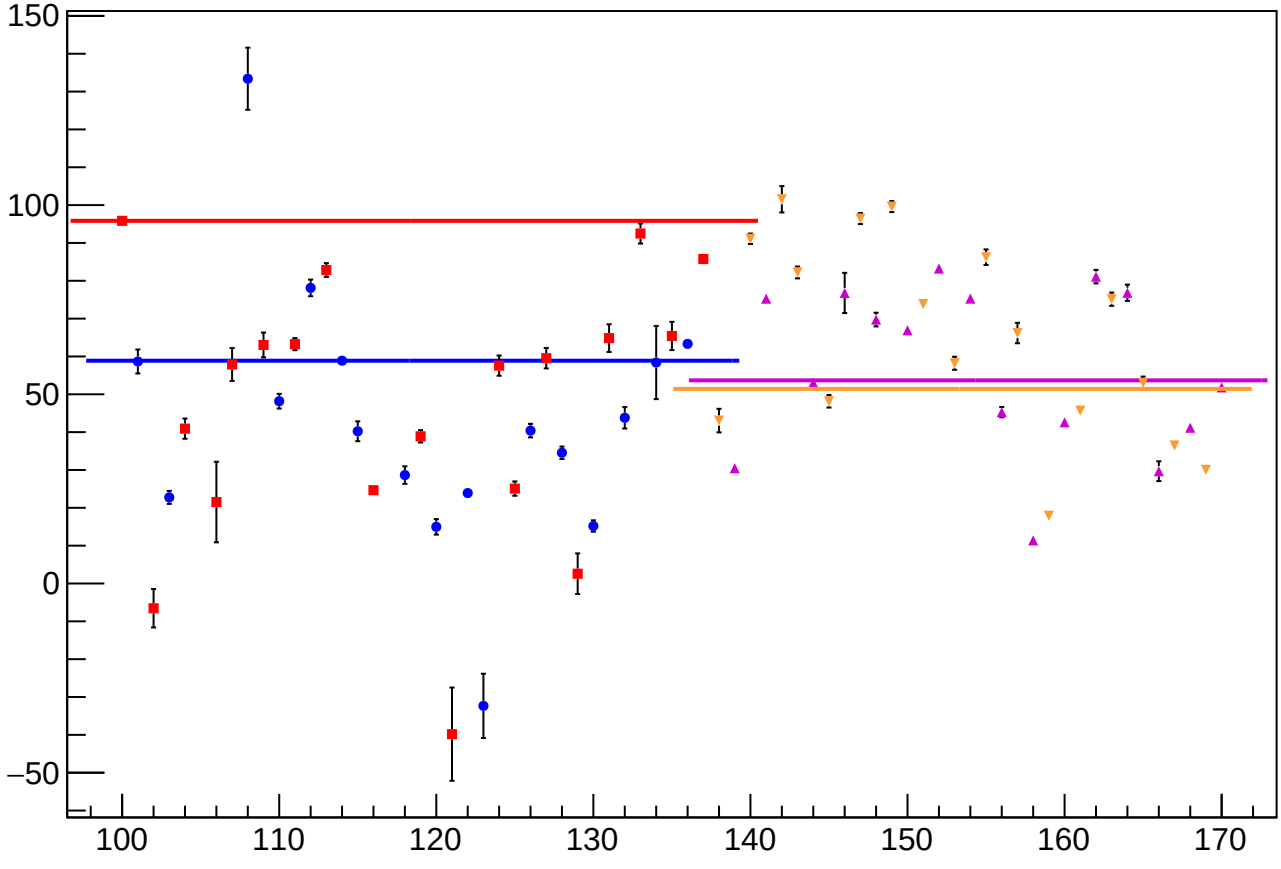
Left In: 7.348+/-0.004 χ^2/NDF:157927.1/15

+ sign -60.594+/-0.000 χ^2/NDF: 329996286.9/33

All: -60.594+/-0.000 χ^2/NDF: 729188939.7/6

- sign 7.291+/-0.003 χ^2/NDF: 1427208.5/34

dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 51.432+/-0.309 χ^2/NDF:6932.1/16

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

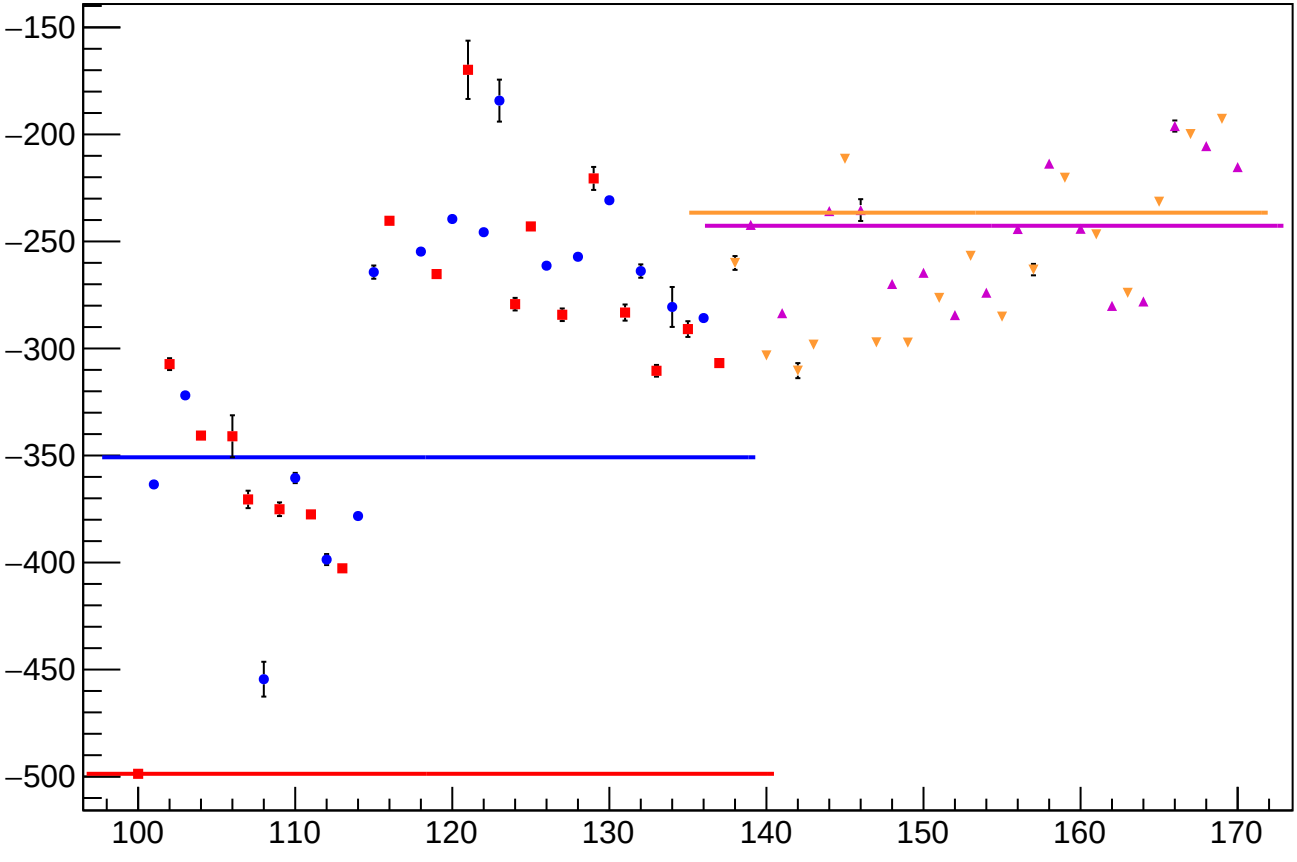
Left In: 53.688+/-0.260 χ^2/NDF:5364.6/15

+ sign 58.880+/-0.000 χ^2/NDF: 11326.5/33

All: 60.098+/-0.000 χ^2/NDF: 981523394566

- sign 95.846+/-0.000 χ^2/NDF: 71090.5/34

dit_sam2_4eX_slope vs Slug



Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -236.559+/-0.308 χ^2/NDF:17309.9/16

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

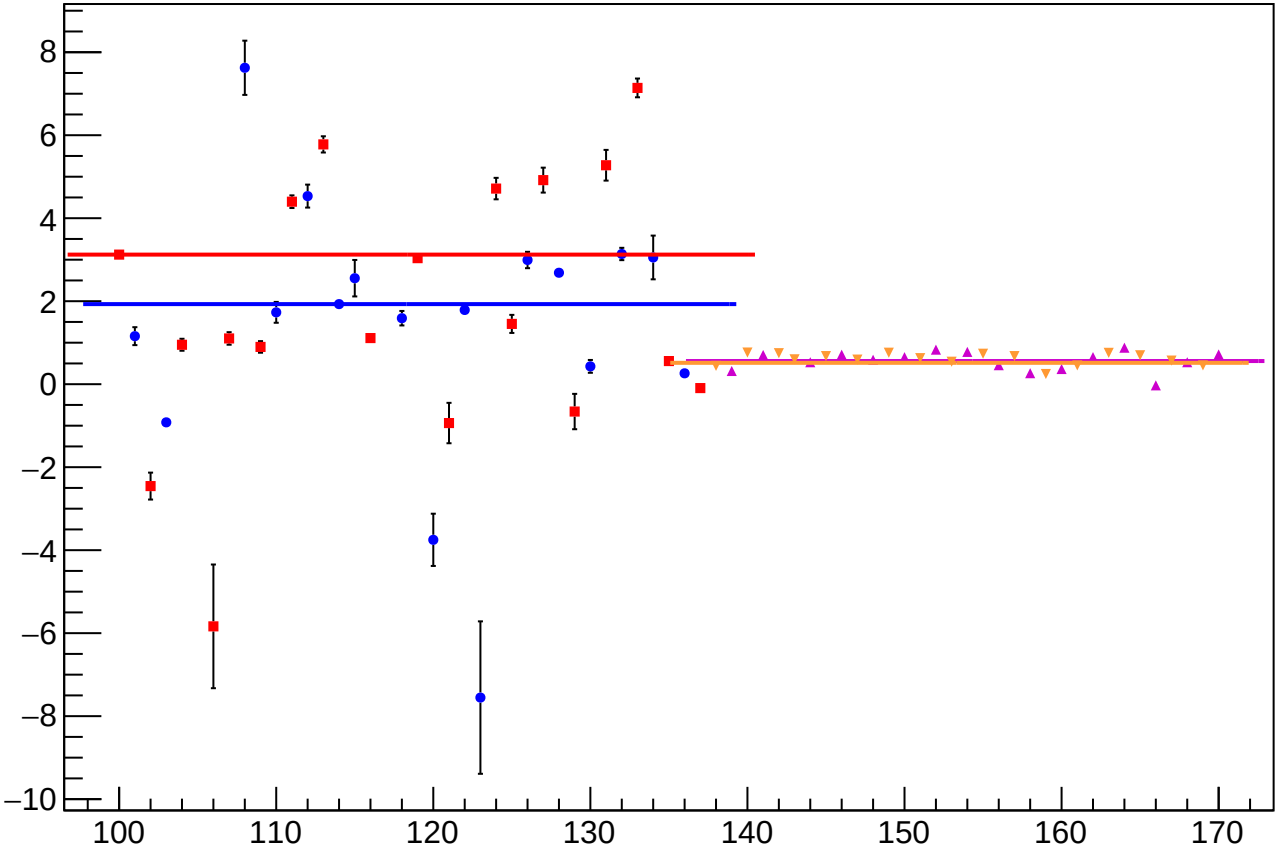
Left In: -242.676+/-0.264 χ^2/NDF:11611.3/15

+ sign -306.685+/-0.192 χ^2/NDF: 142979.9/33

All: -498.692+/-0.000 χ^2/NDF: 2614973.8/68

- sign -498.692+/-0.000 χ^2/NDF: 1467315.9/34

dit_sam2_11X12X_slope vs Slug



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.515+/-0.002 χ^2/NDF:8044.8/16

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

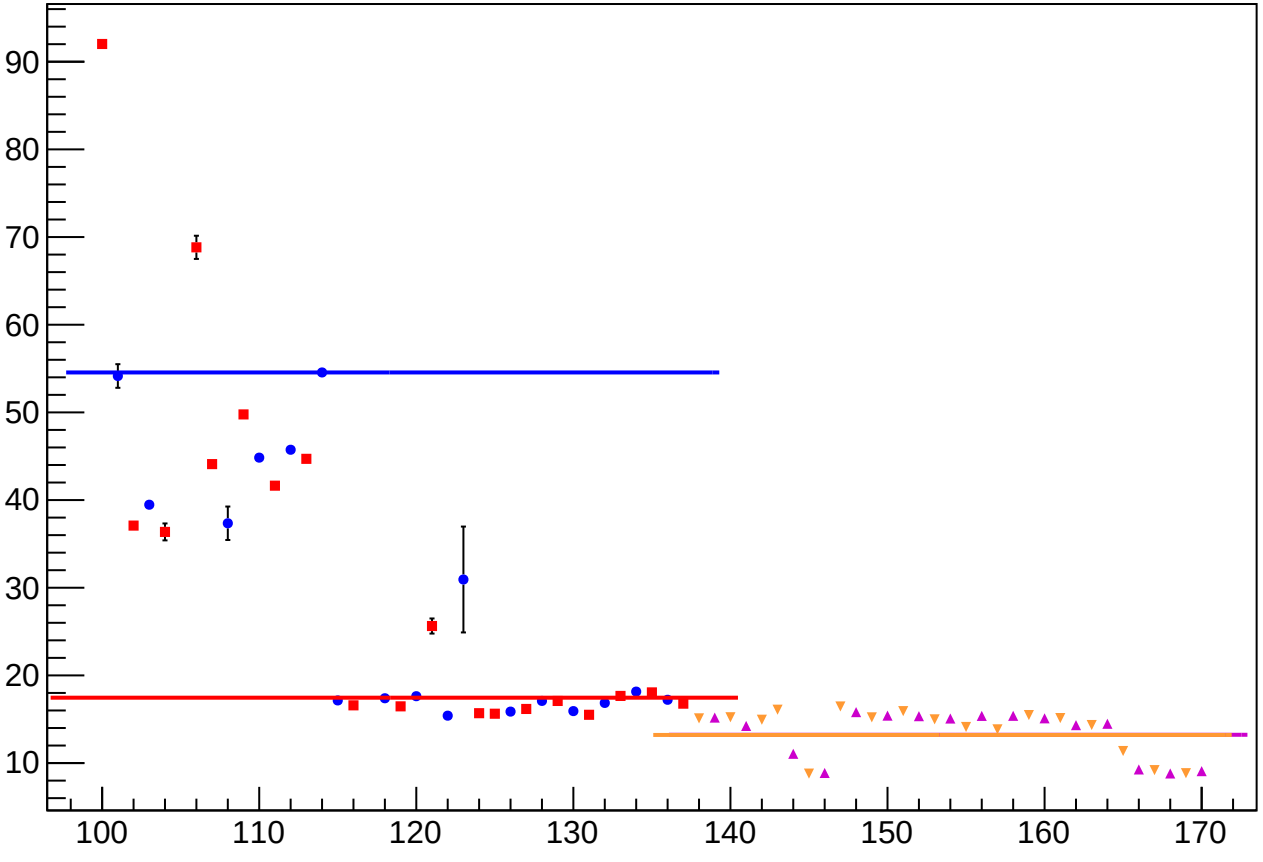
Left In: 0.558+/-0.002 χ^2/NDF:13284.0/15

+ sign 1.930+/-0.000 χ^2/NDF: 516682.5/33

All: 2.073+/-0.000 χ^2/NDF: 3809953457808

- sign 3.123+/-0.000 χ^2/NDF: 2445399.4/34

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 13.209+/-0.007 χ^2/NDF:178513.0/16

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

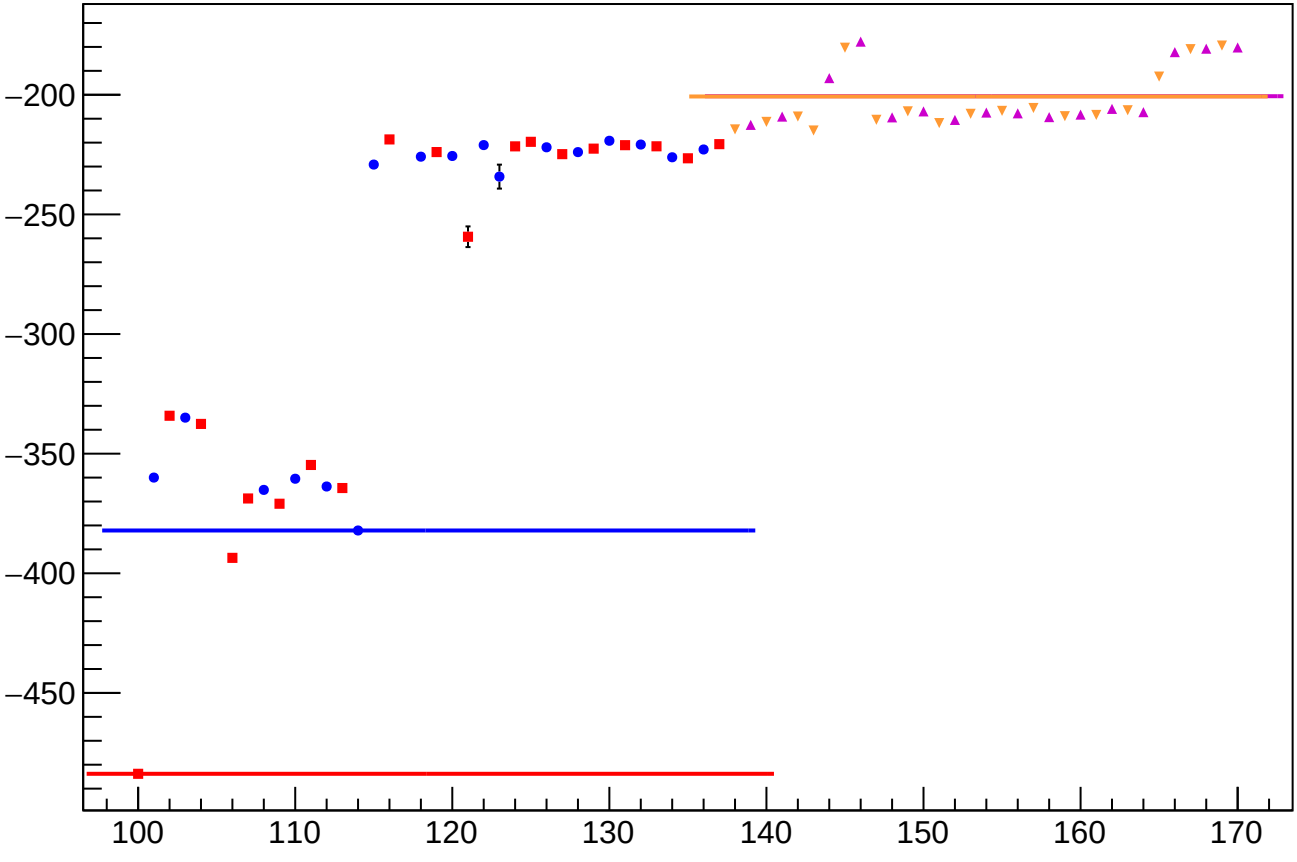
Left In: 13.227+/-0.007 χ^2/NDF:187533.0/15

+ sign 54.556+/-0.000 χ^2/NDF: 40972096.7/33

All: 54.556+/-0.000 χ^2/NDF: 84896565.9/68

- sign 13.712+/-0.006 χ^2/NDF: 334255.6/34

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -200.712+/-0.015 χ^2/NDF:728080.8/16

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

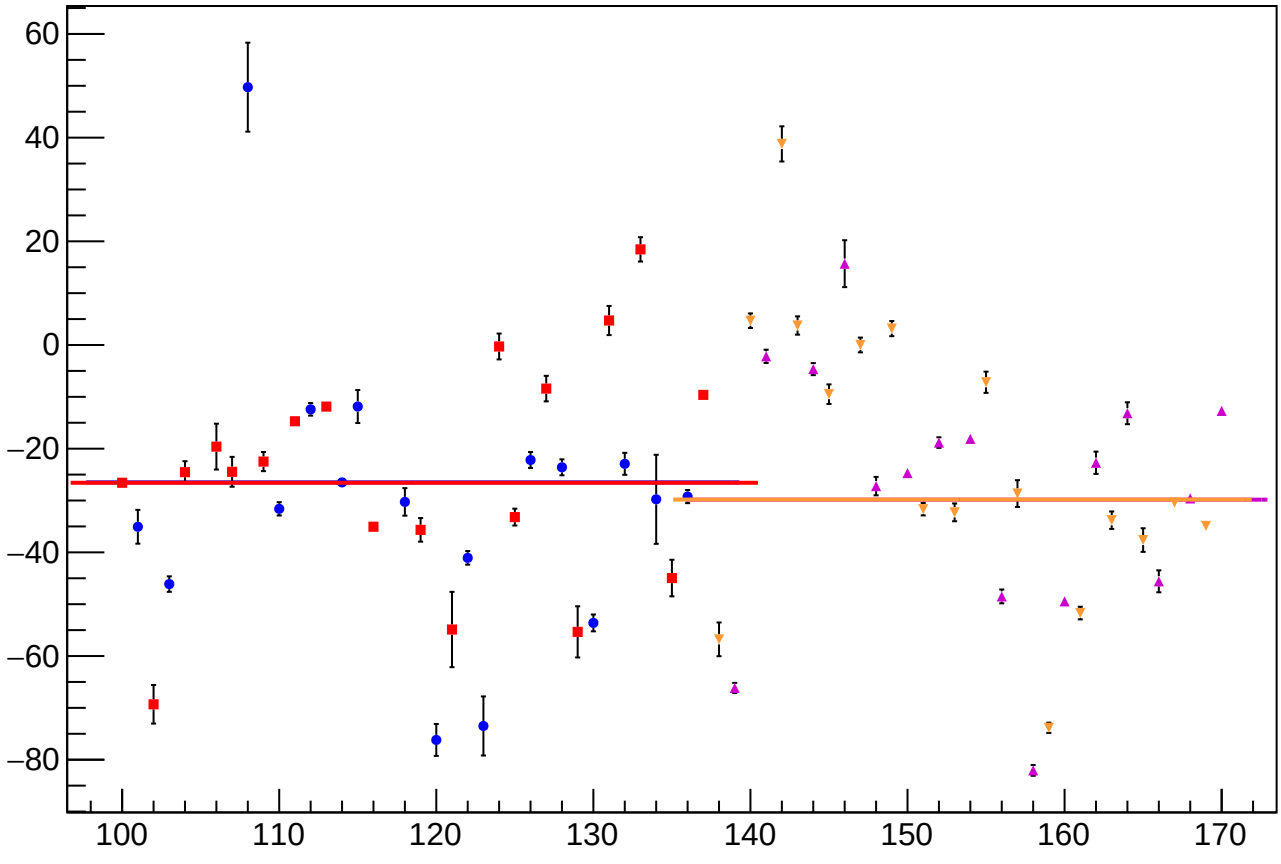
Left In: -200.599+/-0.015 χ^2/NDF:720900.1/15

+ sign -382.108+/-0.000 χ^2/NDF: 156475926.6/33

All: -417.999+/-0.000 χ^2/NDF: 12425488813

- sign -483.800+/-0.000 χ^2/NDF: 399209698.8/34

dit_sam3_4aX_slope vs Slug



Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -29.816+/-0.317 χ^2/NDF:4971.2/16

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

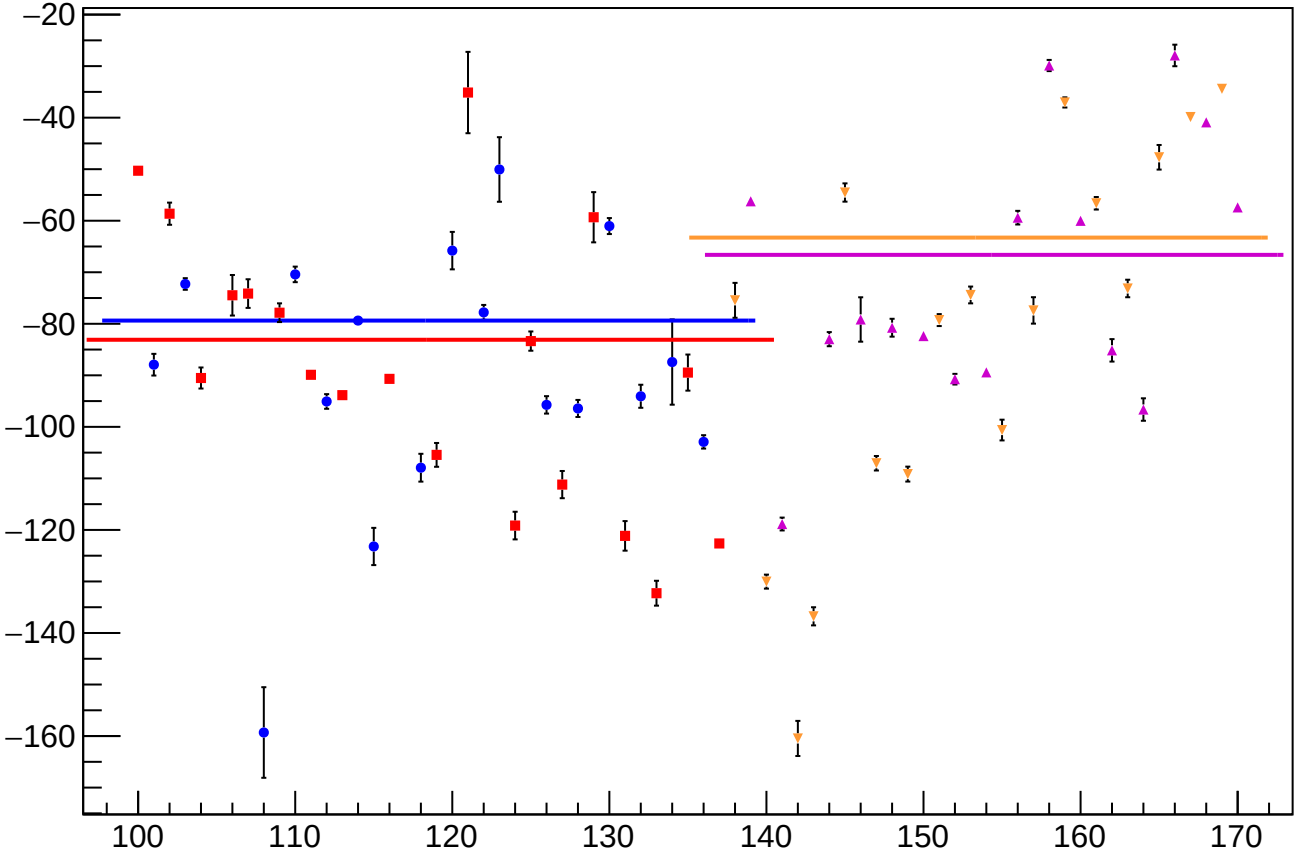
Left In: -29.834+/-0.266 χ^2/NDF:6798.5/15

+ sign -26.504+/-0.000 χ^2/NDF: 6261.0/33

All: -26.530+/-0.000 χ^2/NDF: 412159279654

- sign -26.577+/-0.000 χ^2/NDF: 9589.3/34

dit_sam3_4eX_slope vs Slug



Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -63.273+/-0.311 χ^2/NDF:11128.2/16

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

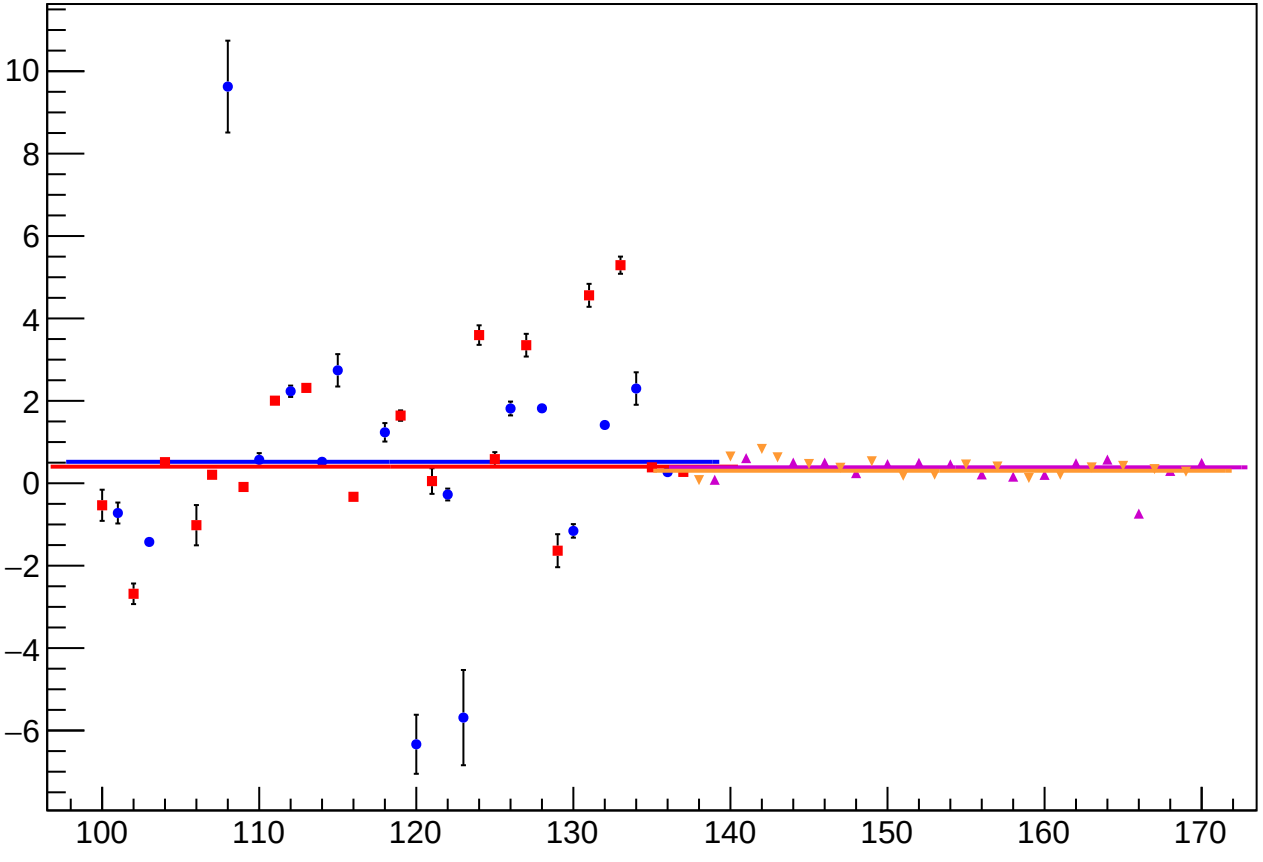
Left In: -66.625+/-0.264 χ^2/NDF:6901.8/15

+ sign -79.376+/-0.000 χ^2/NDF: 15113.9/33

All: -79.376+/-0.000 χ^2/NDF: 36700.3/68

- sign -77.944+/-0.148 χ^2/NDF: 21492.4/34

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.304+/-0.002 χ^2/NDF:5941.6/16

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

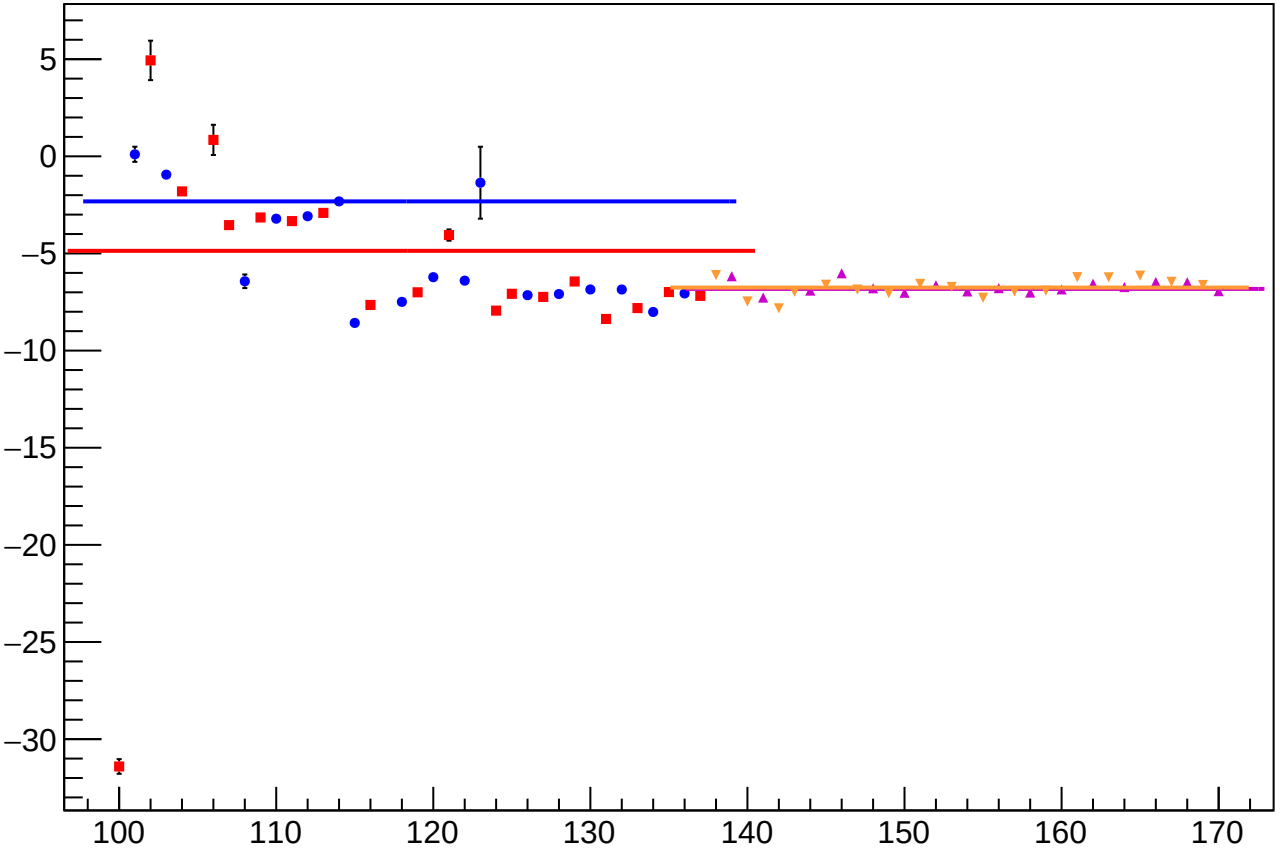
Left In: 0.387+/-0.002 χ^2/NDF:9338.4/15

+ sign 0.521+/-0.000 χ^2/NDF: 19974.7/33

All: 0.521+/-0.000 χ^2/NDF: 37687.3/68

- sign 0.387+/-0.002 χ^2/NDF: 12068.1/34

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.756+/-0.003 χ^2/NDF:8219.8/16

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

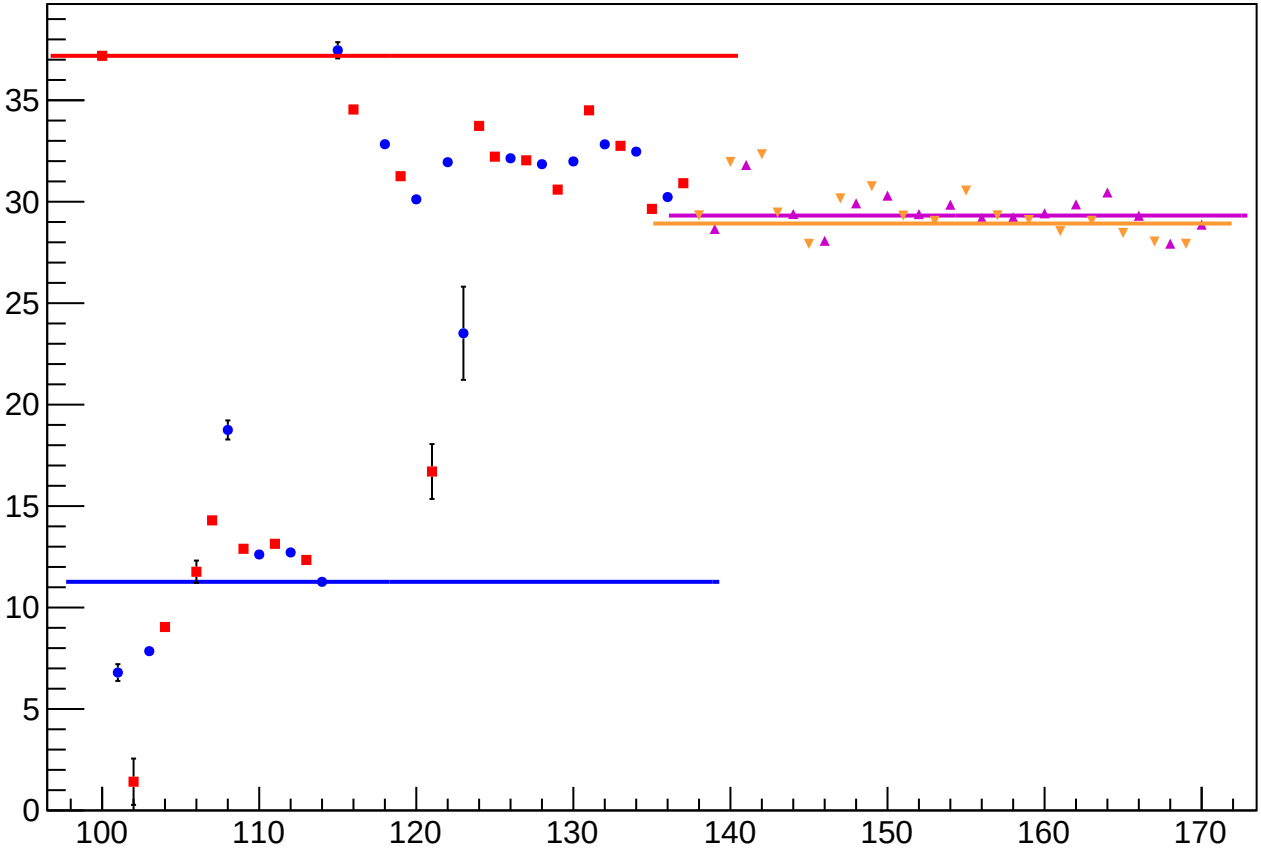
Left In: -6.824+/-0.003 χ^2/NDF:8106.8/15

+ sign -2.320+/-0.000 χ^2/NDF: 2971671.0/33

All: -2.320+/-0.000 χ^2/NDF: 6280609.0/68

- sign -6.714+/-0.002 χ^2/NDF: 91631.7/34

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 28.925+/-0.009 χ^2/NDF:12461.5/16

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

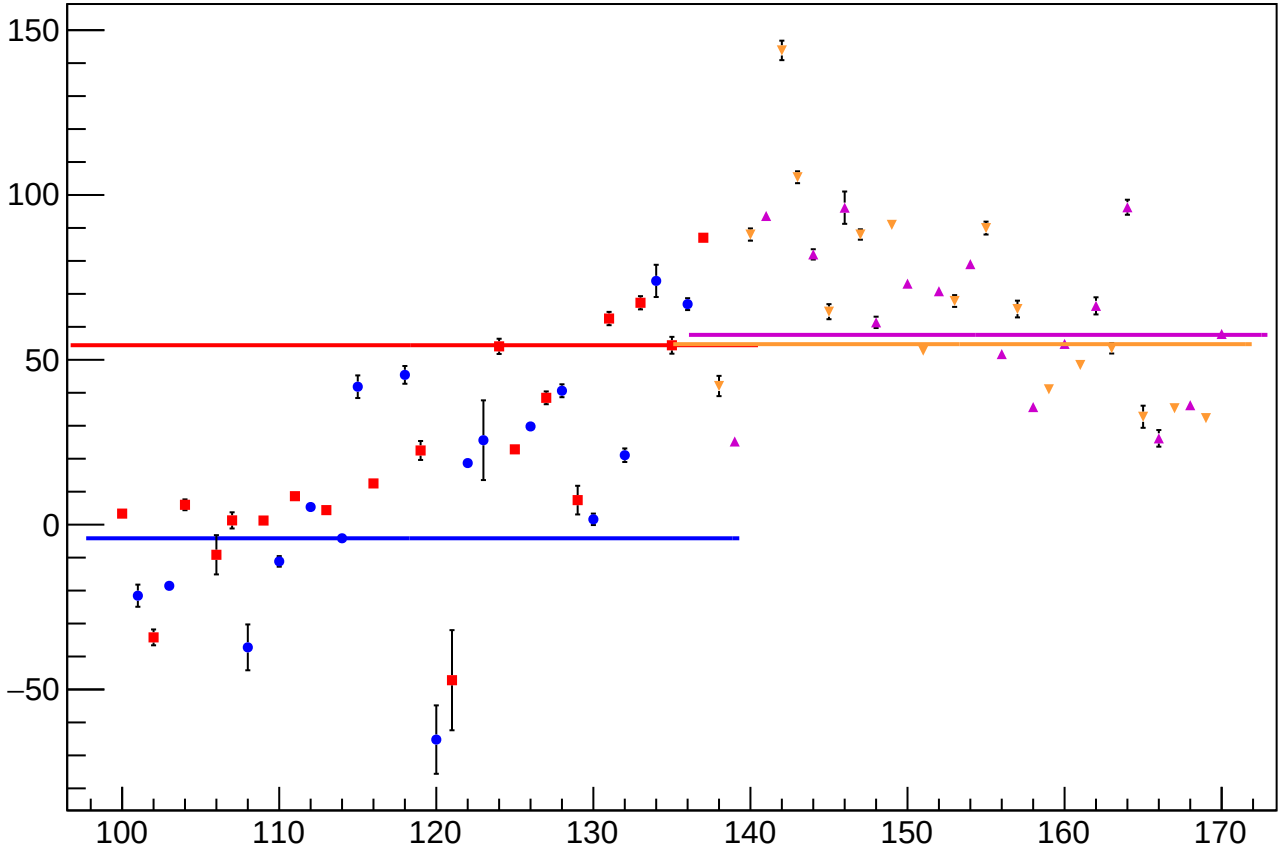
Left In: 29.318+/-0.009 χ^2/NDF:7798.4/15

+ sign 11.268+/-0.000 χ^2/NDF: 4435098.2/33

All: 12.122+/-0.000 χ^2/NDF: 772305569497

- sign 37.191+/-0.000 χ^2/NDF: 1973683.0/34

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 54.748+/-0.344 χ^2/NDF:5042.3/16

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

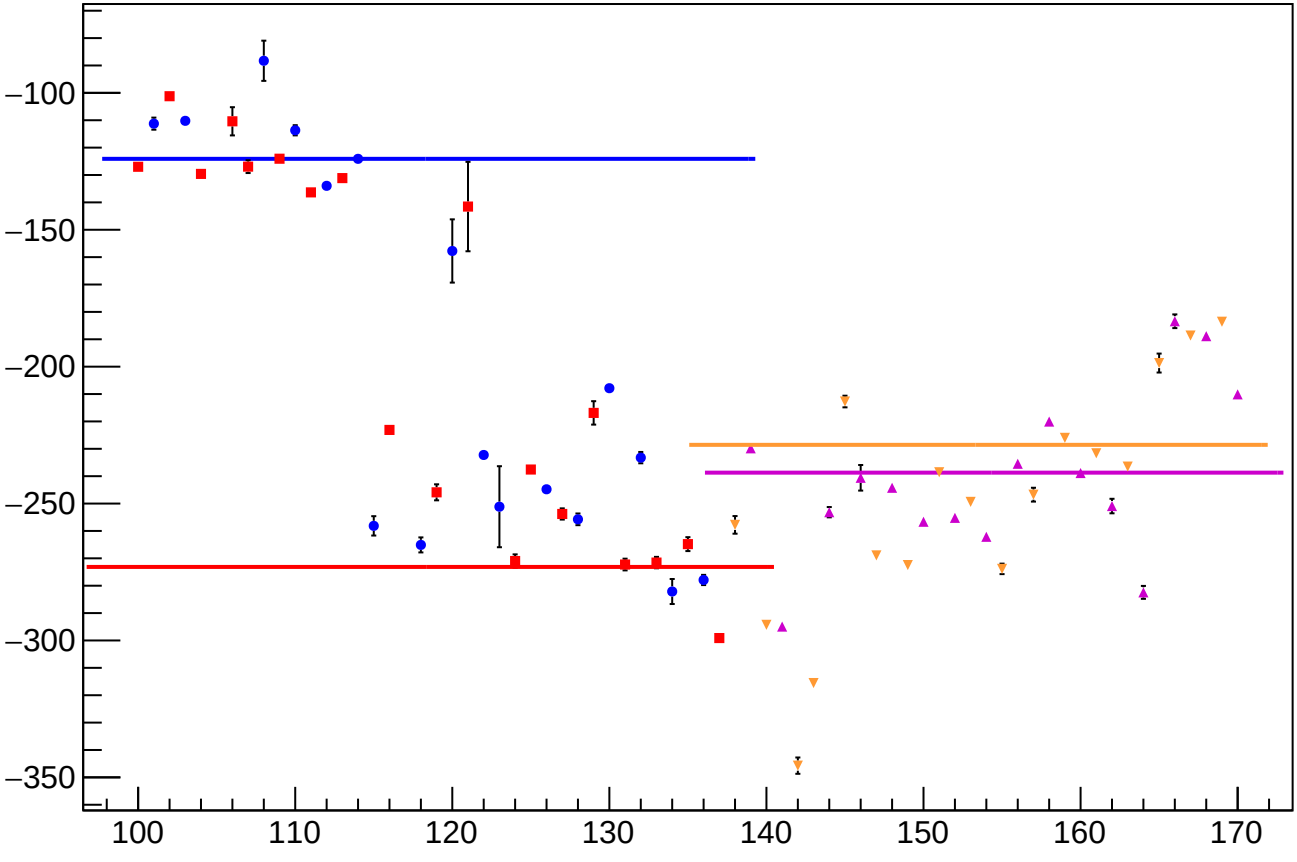
Left In: 57.567+/-0.287 χ^2/NDF:5242.4/15

+ sign -4.139+/-0.000 χ^2/NDF: 38965.8/33

All: -4.139+/-0.000 χ^2/NDF: 262970.4/68

- sign 55.246+/-0.146 χ^2/NDF: 59330.0/34

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -228.553+/-0.338 χ^2/NDF:13204.2/16

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

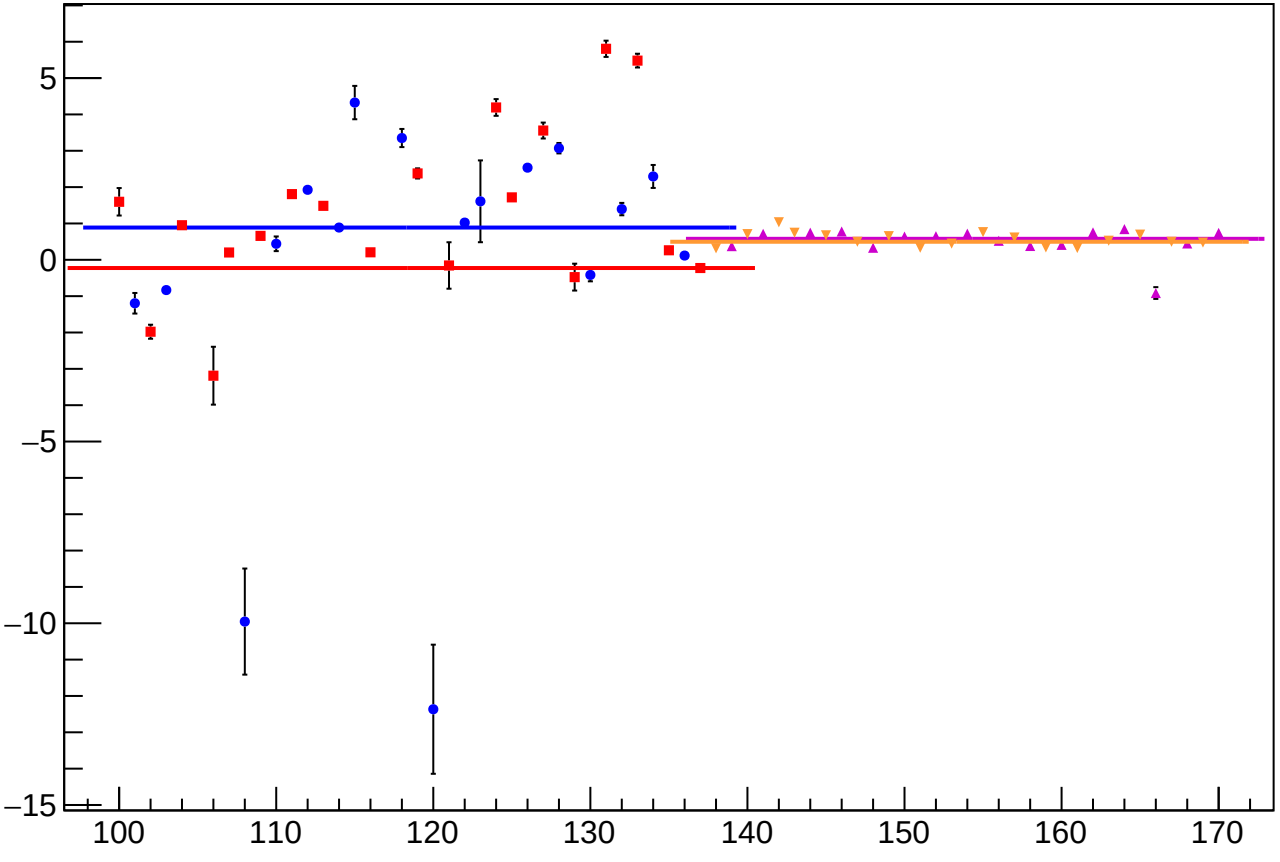
Left In: -238.709+/-0.284 χ^2/NDF:7952.6/15

+ sign -124.095+/-0.000 χ^2/NDF: 146684.4/33

All: -124.095+/-0.000 χ^2/NDF: 2346410.1/68

- sign -268.450+/-0.105 χ^2/NDF: 300814.0/34

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.497+/-0.003 χ^2/NDF:3595.8/16

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

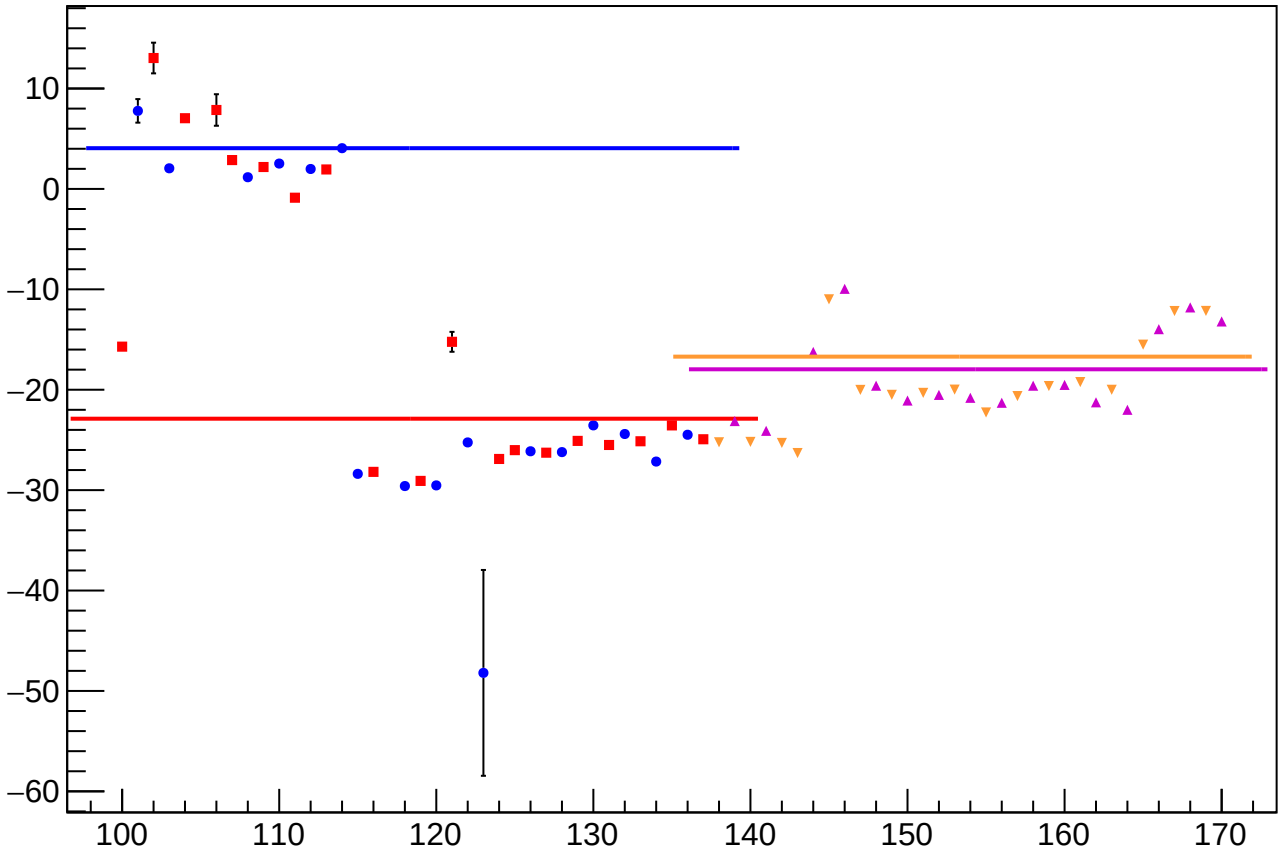
Left In: 0.577+/-0.002 χ^2/NDF:4901.0/15

+ sign 0.888+/-0.000 χ^2/NDF: 34207.5/33

All: 0.888+/-0.000 χ^2/NDF: 422269802.5/68

- sign -0.226+/-0.000 χ^2/NDF: 136254.2/34

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.704+/-0.011 χ^2/NDF:158550.3/16

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

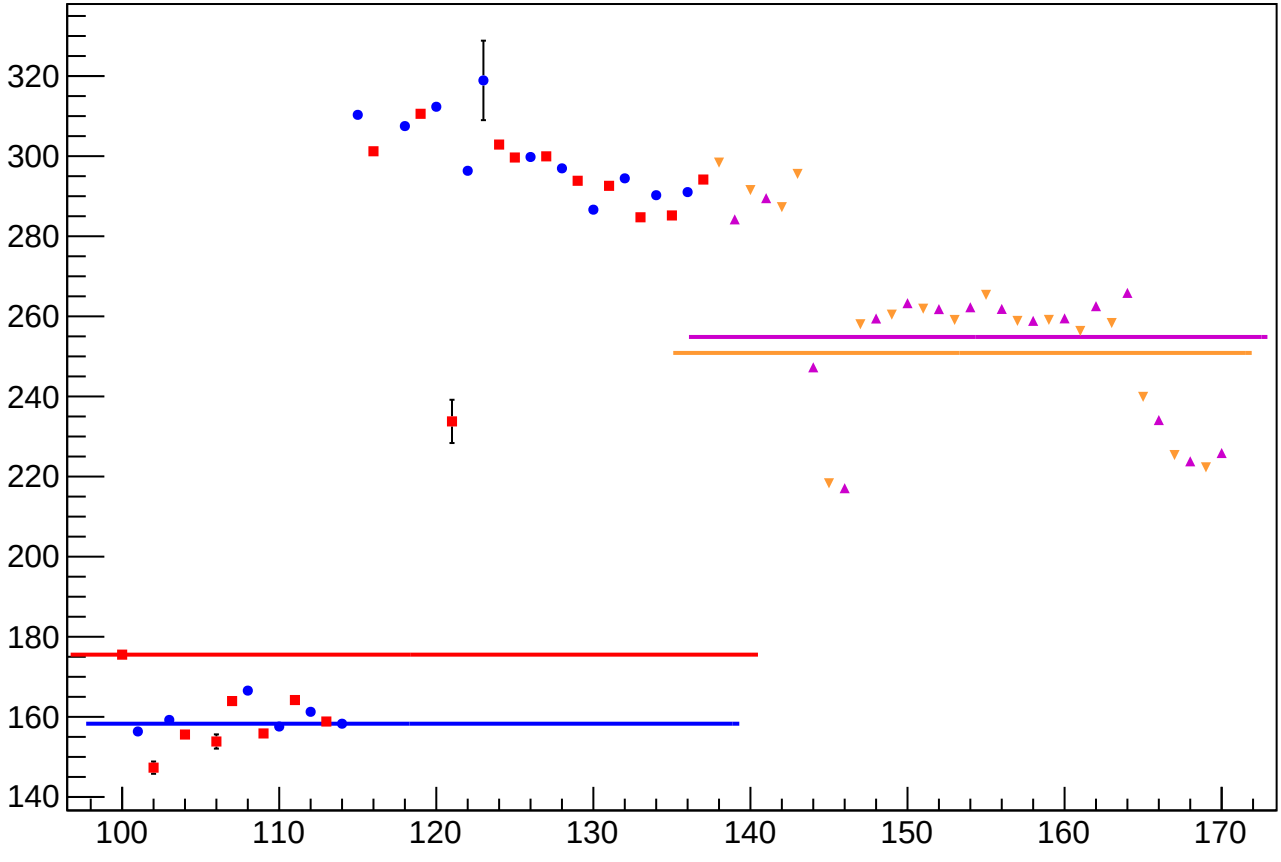
Left In: -17.965+/-0.010 χ^2/NDF:132942.2/15

+ sign 4.057+/-0.000 χ^2/NDF: 4841349.4/33

All: 4.057+/-0.000 χ^2/NDF: 10968712.6/68

- sign -18.588+/-0.009 χ^2/NDF: 279968.3/34

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 250.871+/-0.031 χ^2/NDF:551810.7/16

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

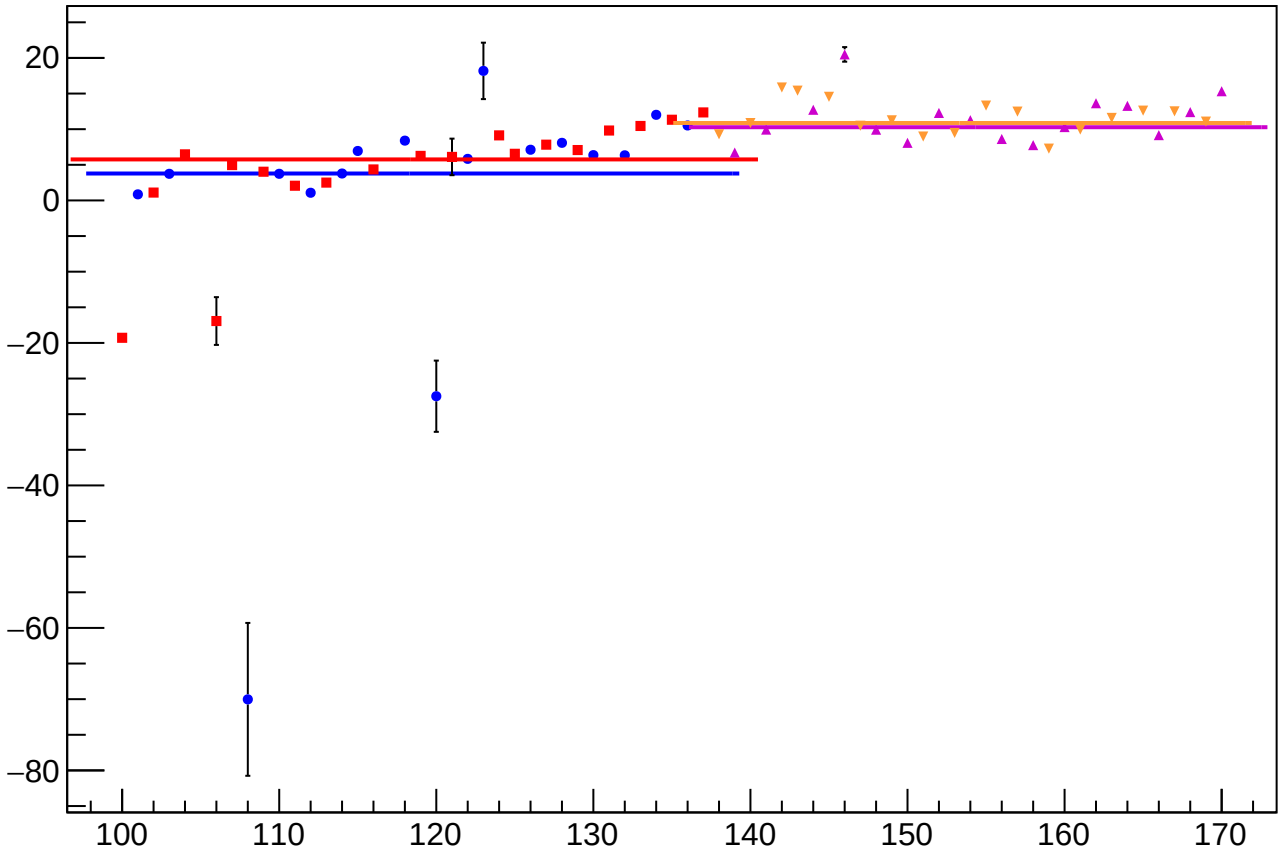
Left In: 254.857+/-0.030 χ^2/NDF:259271.6/15

+ sign 158.293+/-0.000 χ^2/NDF: 11917805.8/33

All: 172.618+/-0.000 χ^2/NDF: 37372749122

- sign 175.536+/-0.000 χ^2/NDF: 9440182.3/34

dit_sam5_4aX_slope vs Slug



Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 10.870+/-0.034 χ^2/NDF:2308.0/16

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

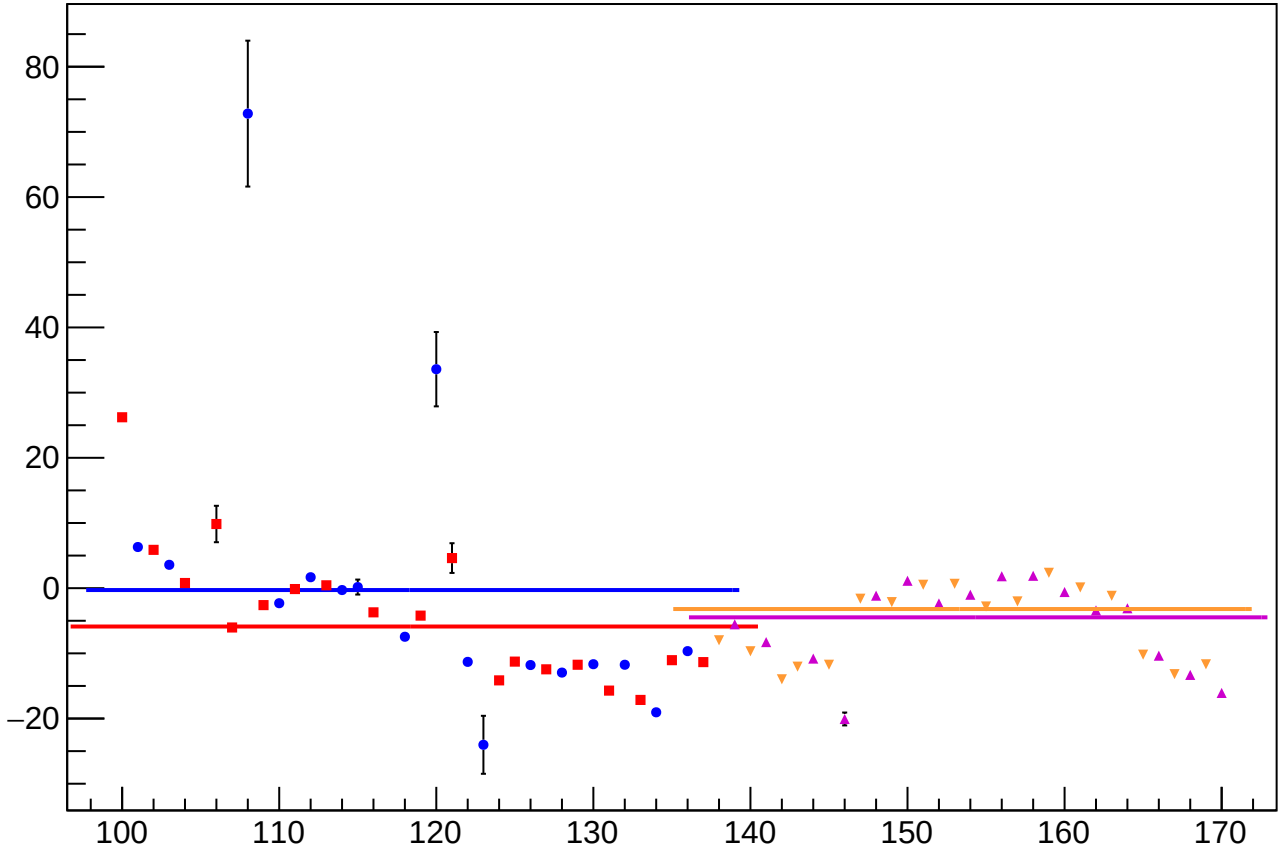
Left In: 10.276+/-0.031 χ^2/NDF:7947.6/15

+ sign 3.778+/-0.000 χ^2/NDF: 53231.5/33

All: 3.778+/-0.000 χ^2/NDF: 133672.0/68

- sign 7.611+/-0.020 χ^2/NDF: 42880.7/34

dit_sam5_4eX_slope vs Slug



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -3.200+/-0.034 χ^2/NDF:18516.3/16

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

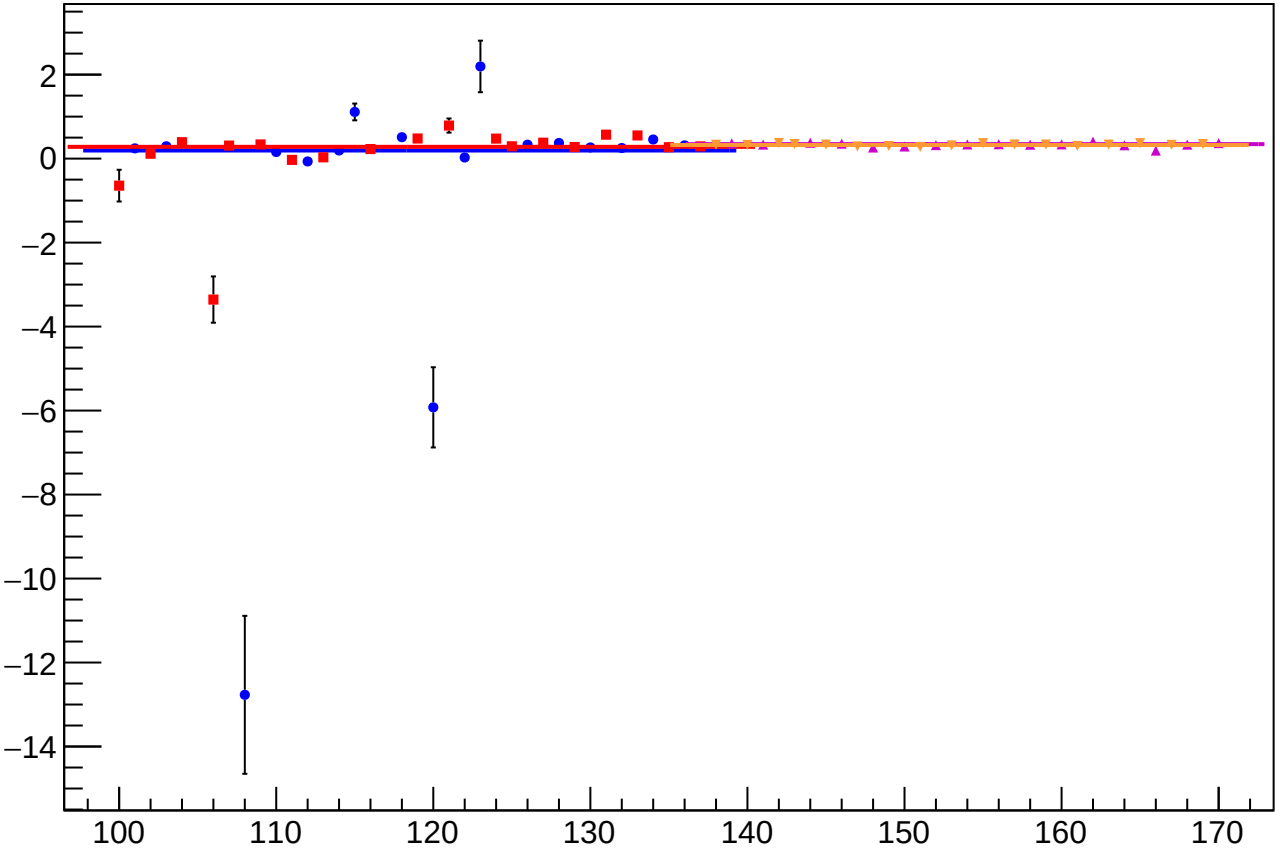
Left In: -4.474+/-0.031 χ^2/NDF:39296.5/15

+ sign -0.287+/-0.000 χ^2/NDF: 70280.0/33

All: -0.287+/-0.000 χ^2/NDF: 233338.6/68

- sign -5.274+/-0.021 χ^2/NDF: 103945.8/34

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.323+/-0.001 χ^2/NDF:1515.9/16

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

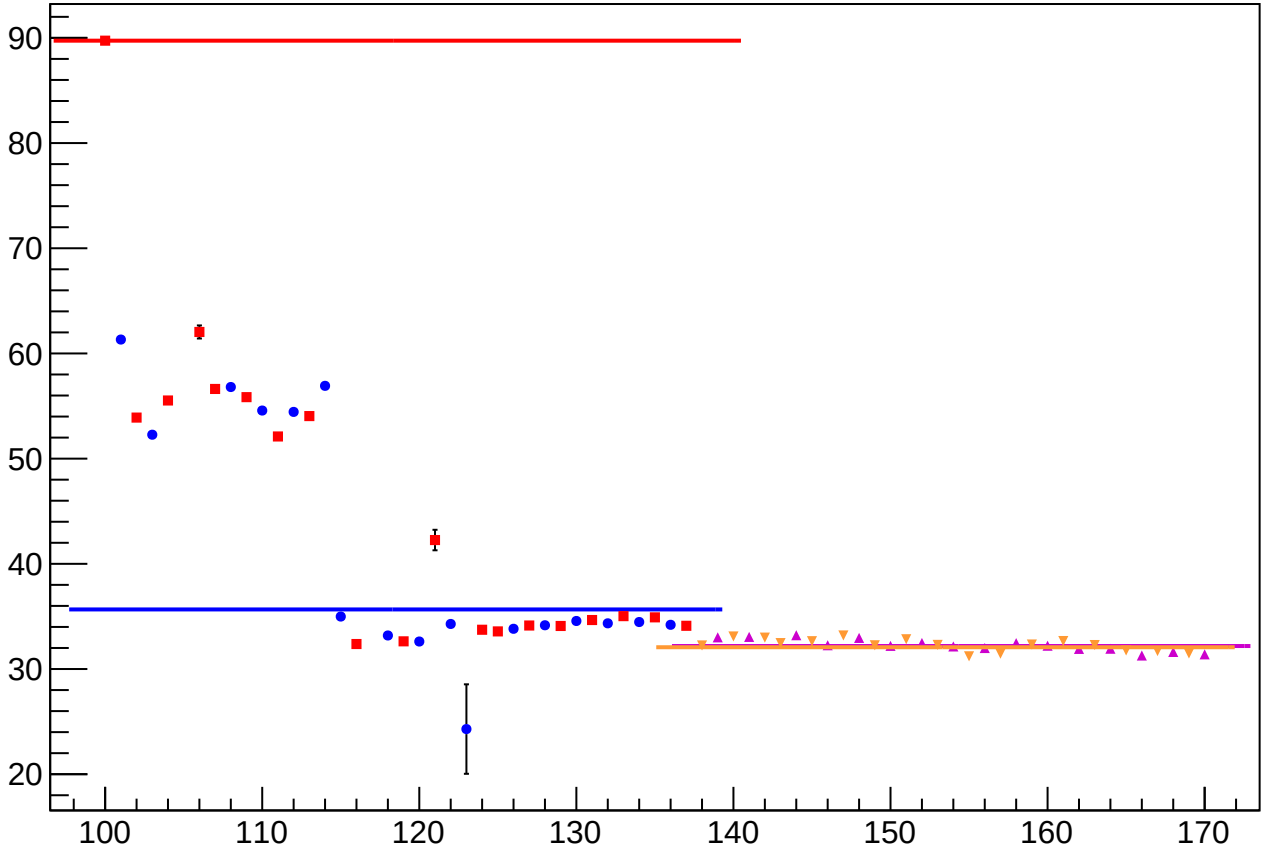
Left In: 0.345+/-0.001 χ^2/NDF:3352.3/15

+ sign 0.193+/-0.000 χ^2/NDF: 58124.9/33

All: 0.193+/-0.000 χ^2/NDF: 139759.9/68

- sign 0.336+/-0.001 χ^2/NDF: 11047.9/34

dit_sam5_4aY_slope vs Slug



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.070+/-0.003 χ^2/NDF:18953.3/16

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

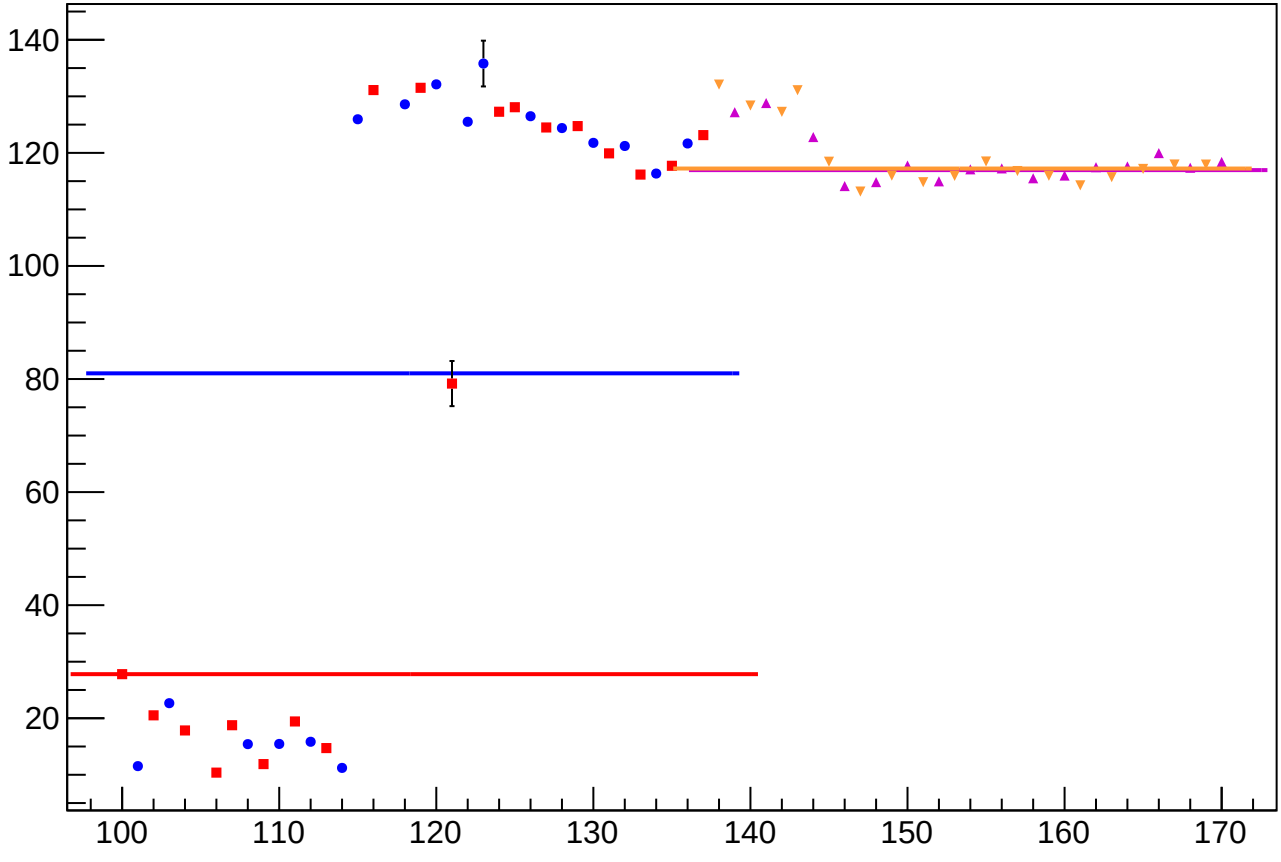
Left In: 32.186+/-0.004 χ^2/NDF:11170.1/15

+ sign 32.373+/-0.003 χ^2/NDF: 329152.6/33

All: 89.735+/-0.000 χ^2/NDF: 570965405.3/68

- sign 89.735+/-0.000 χ^2/NDF: 268937561.4/34

dit_sam5_4eY_slope vs Slug



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.232+/-0.008 χ^2/NDF:141563.8/16

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

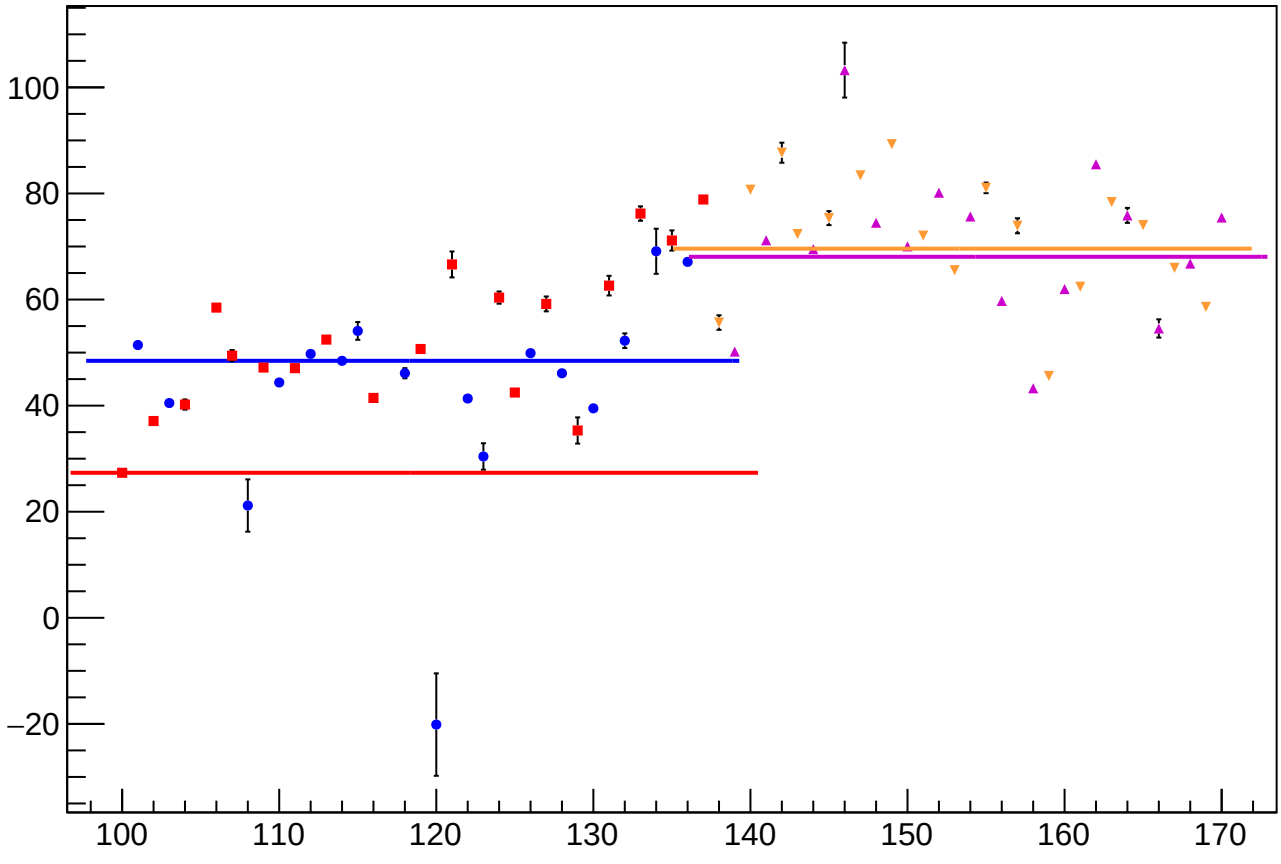
Left In: 116.952+/-0.009 χ^2/NDF:43094.1/15

+ sign 115.284+/-0.008 χ^2/NDF: 3411827.9/33

All: 27.798+/-0.000 χ^2/NDF: 225662861.8/68

- sign 27.798+/-0.000 χ^2/NDF: 102866996.8/34

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 69.599+/-0.181 χ^2/NDF:4362.7/16

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

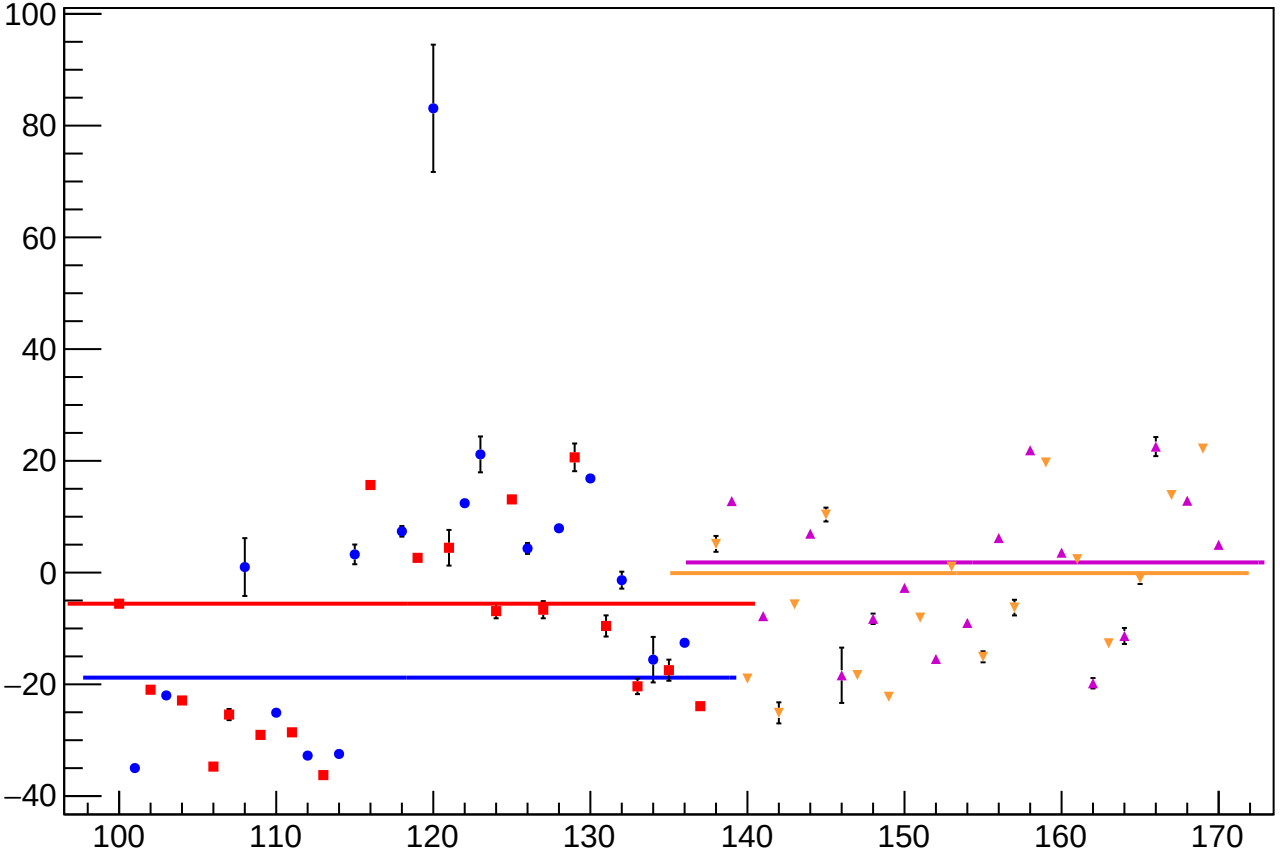
Left In: 68.058+/-0.150 χ^2/NDF:4896.8/15

+ sign 48.450+/-0.000 χ^2/NDF: 20728.2/33

All: 28.365+/-0.000 χ^2/NDF: 102629010488

- sign 27.342+/-0.000 χ^2/NDF: 104511.4/34

dit_sam6_4eX_slope vs Slug



Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: -0.095+/-0.180 χ^2/NDF:7039.3/16

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

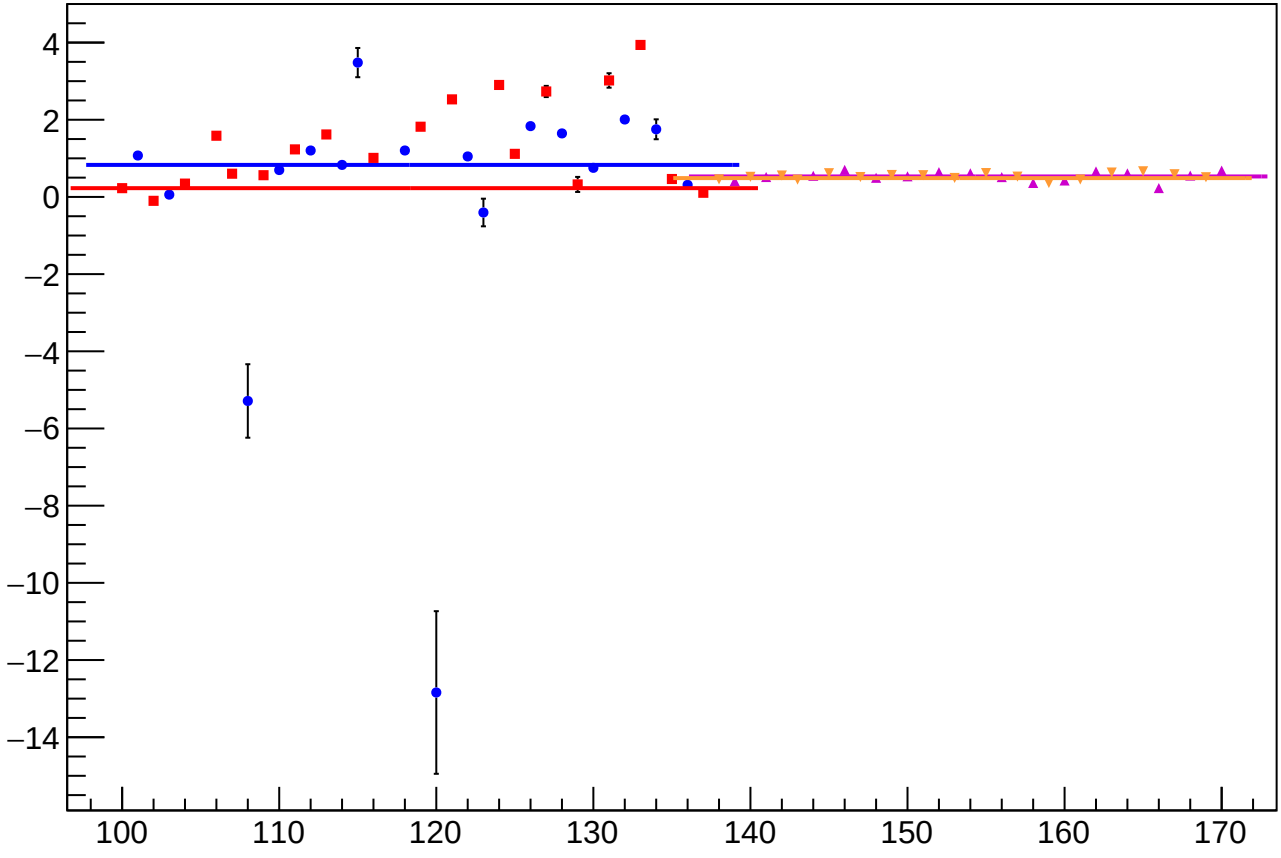
Left In: 1.818+/-0.149 χ^2/NDF:4721.6/15

+ sign -11.247+/-0.115 χ^2/NDF: 25216.1/33

All: -5.568+/-0.000 χ^2/NDF: 57941.1/68

- sign -5.568+/-0.000 χ^2/NDF: 30269.9/34

dit_sam6_11X12X_slope vs Slug



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.488+/-0.001 χ^2/NDF:6330.6/16

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

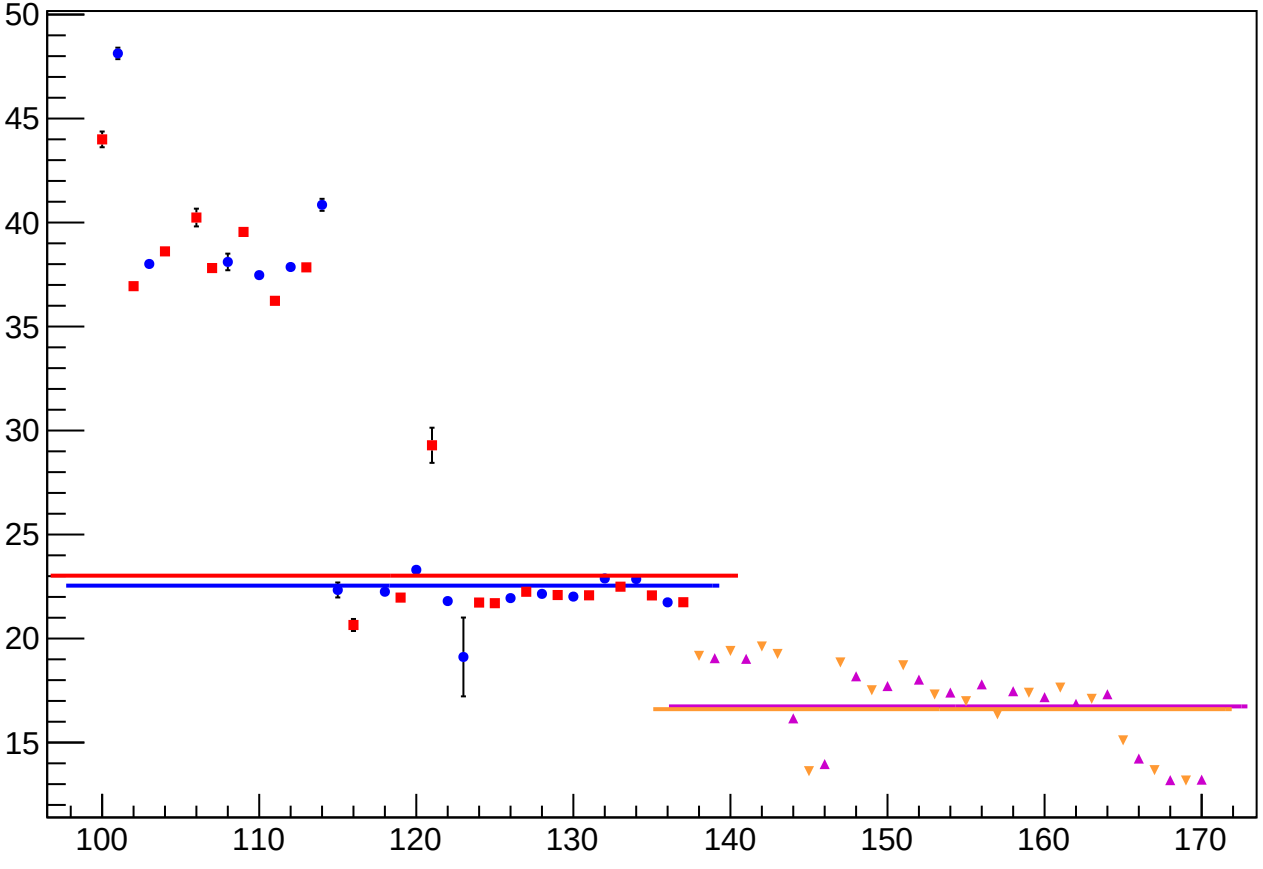
Left In: 0.531+/-0.001 χ^2/NDF:9893.6/15

+ sign 0.830+/-0.000 χ^2/NDF: 104864.6/33

All: 0.289+/-0.000 χ^2/NDF: 2906608256145

- sign 0.227+/-0.000 χ^2/NDF: 101005.1/34

dit_sam6_4aY_slope vs Slug



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 16.604+/-0.005 χ^2/NDF:185972.9/16

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

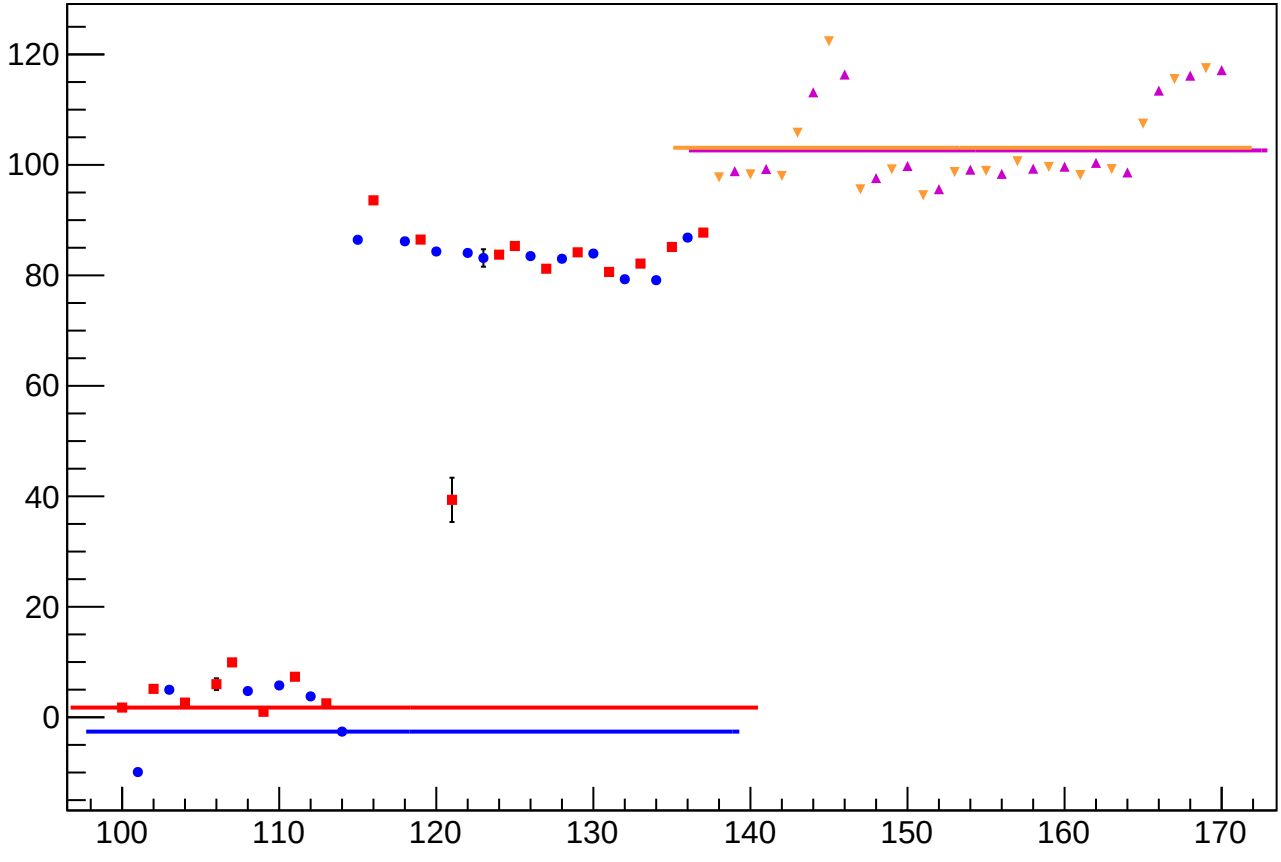
Left In: 16.737+/-0.006 χ^2/NDF:103132.2/15

+ sign 18.011+/-0.005 χ^2/NDF: 601924.4/33

All: 18.319+/-0.003 χ^2/NDF: 1213149.9/68

- sign 18.702+/-0.005 χ^2/NDF: 600883.3/34

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 103.102+/-0.011 χ^2/NDF:490379.8/16

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

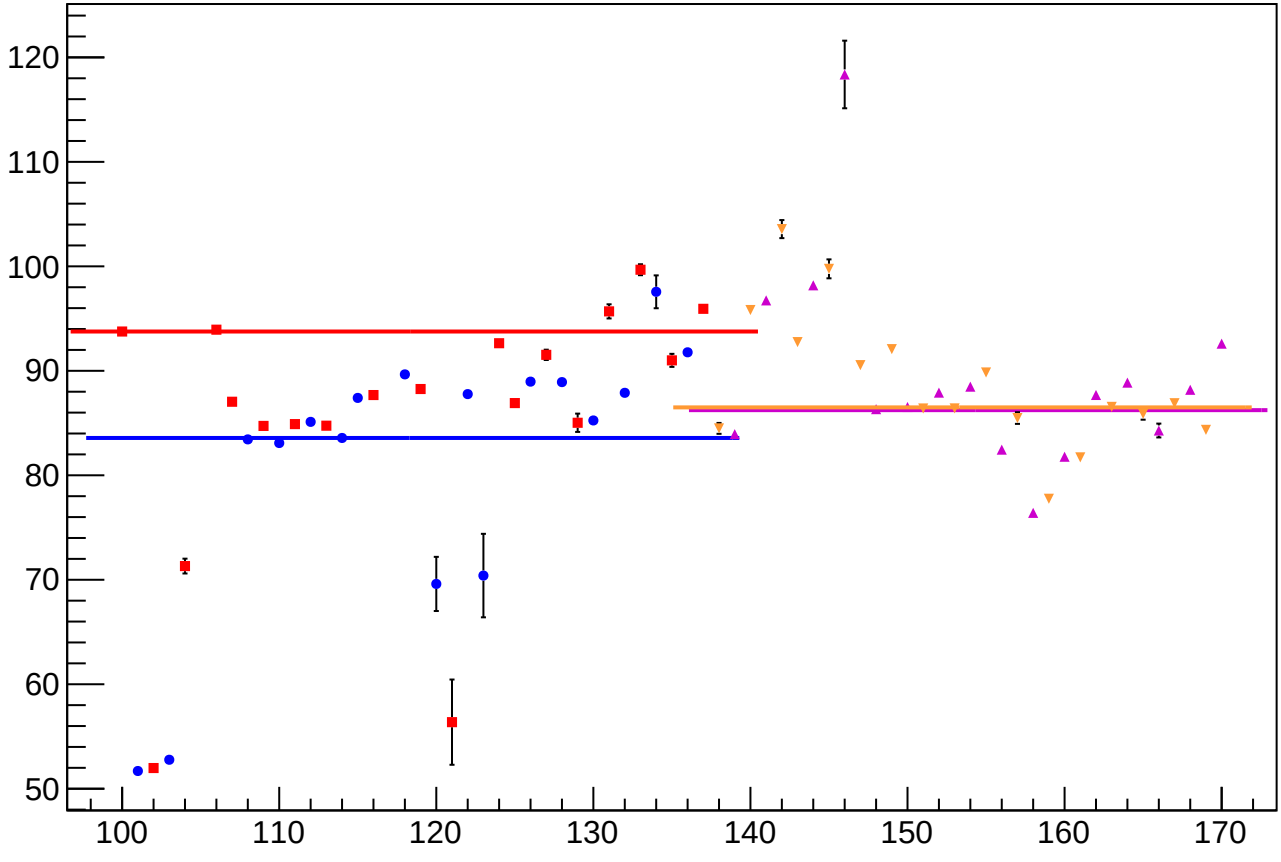
Left In: 102.620+/-0.011 χ^2/NDF:418871.2/15

+ sign -2.596+/-0.000 χ^2/NDF: 93274184.4/33

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

- sign 1.758+/-0.000 χ^2/NDF: 83129163.9/34

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 86.500+/-0.073 χ^2/NDF:5649.5/16

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

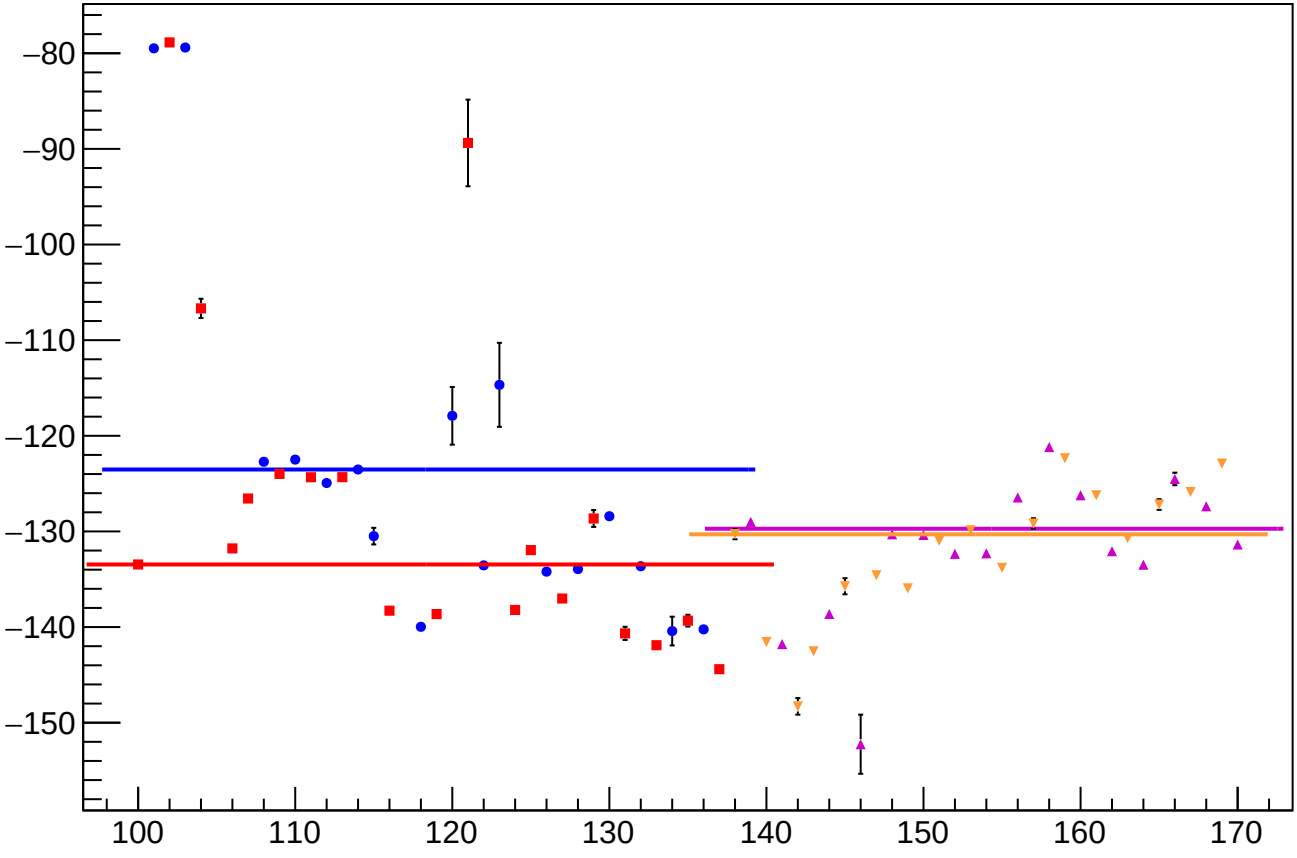
Left In: 86.235+/-0.059 χ^2/NDF:7161.2/15

+ sign 83.573+/-0.000 χ^2/NDF: 56733.4/33

All: 87.169+/-0.000 χ^2/NDF: 199568440414

- sign 93.762+/-0.000 χ^2/NDF: 106201.7/34

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -130.301+/-0.072 χ^2/NDF:8435.1/16

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

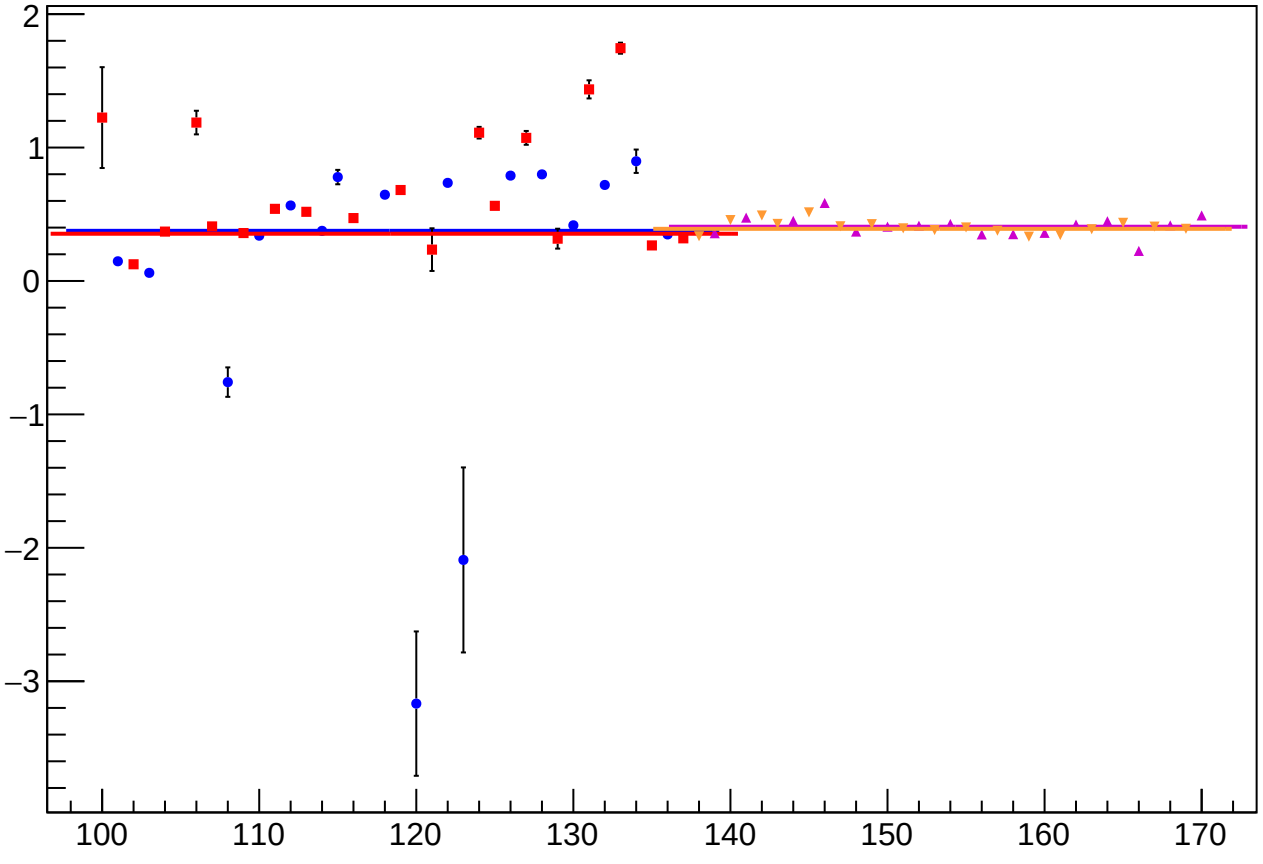
Left In: -129.719+/-0.058 χ^2/NDF:5443.4/15

+ sign -123.524+/-0.000 χ^2/NDF: 177601.7/33

All: -124.716+/-0.000 χ^2/NDF: 6446786990

- sign -133.456+/-0.000 χ^2/NDF: 404449.5/34

dit_sam7_11X12X_slope vs Slug



Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.391+/-0.001 χ^2/NDF:4722.6/16

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

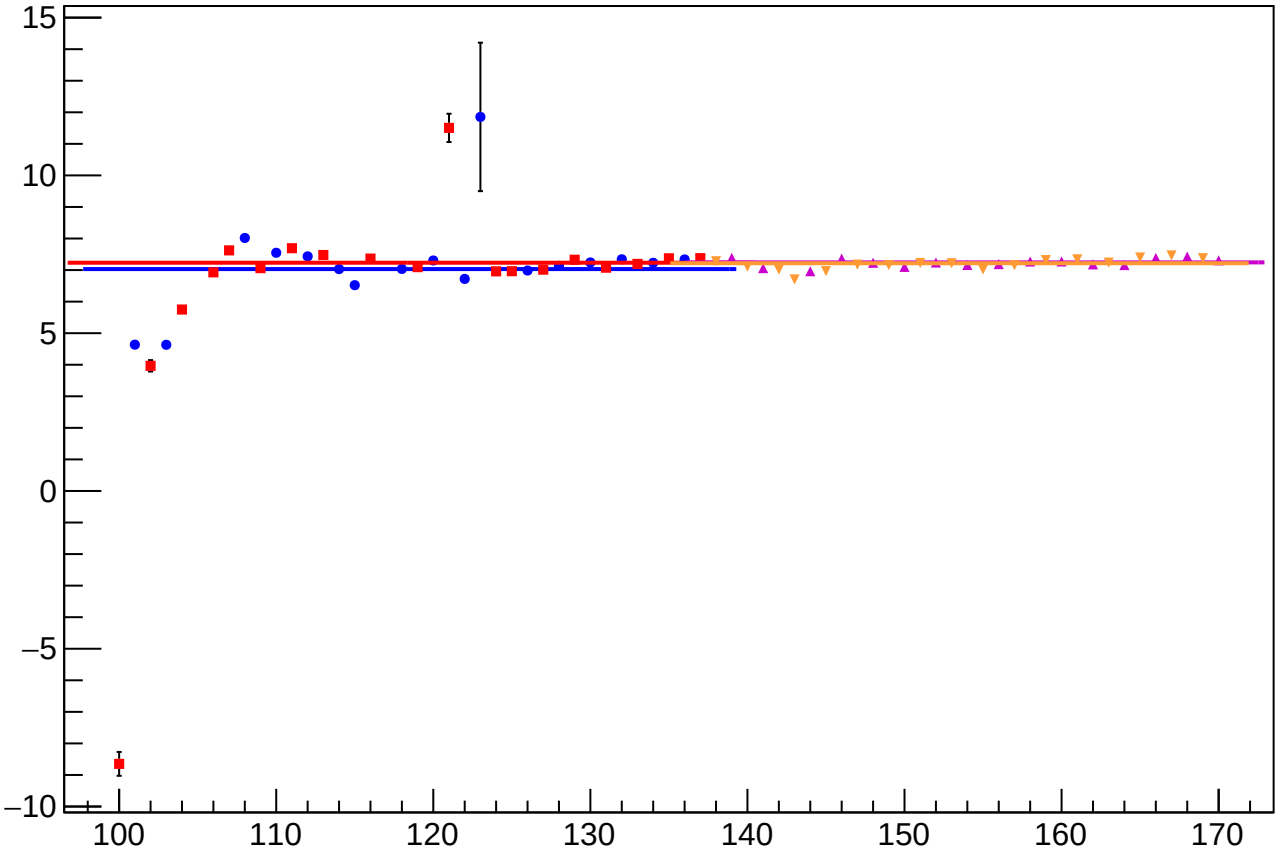
Left In: 0.407+/-0.000 χ^2/NDF:7252.0/15

+ sign 0.376+/-0.000 χ^2/NDF: 9390.4/33

All: 0.376+/-0.000 χ^2/NDF: 25286.2/68

- sign 0.401+/-0.000 χ^2/NDF: 12936.7/34

dit_sam7_4aY_slope vs Slug



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.217+/-0.001 χ^2/NDF:27686.5/16

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

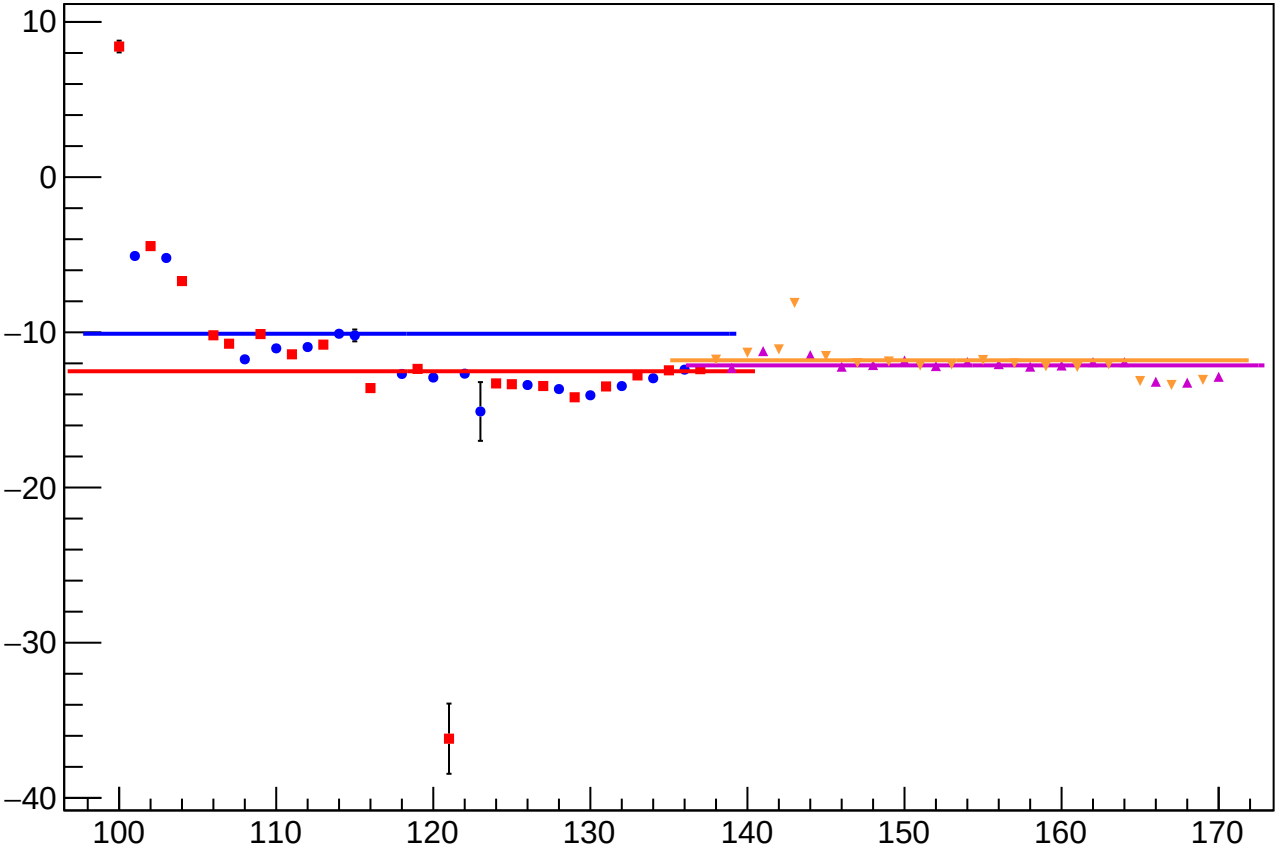
Left In: 7.244+/-0.001 χ^2/NDF:17997.1/15

+ sign 7.032+/-0.000 χ^2/NDF: 83968.3/33

All: 7.032+/-0.000 χ^2/NDF: 178524.1/68

- sign 7.243+/-0.001 χ^2/NDF: 28076.7/34

dit_sam7_4eY_slope vs Slug



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.802+/-0.002 χ^2/NDF:465420.2/16

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

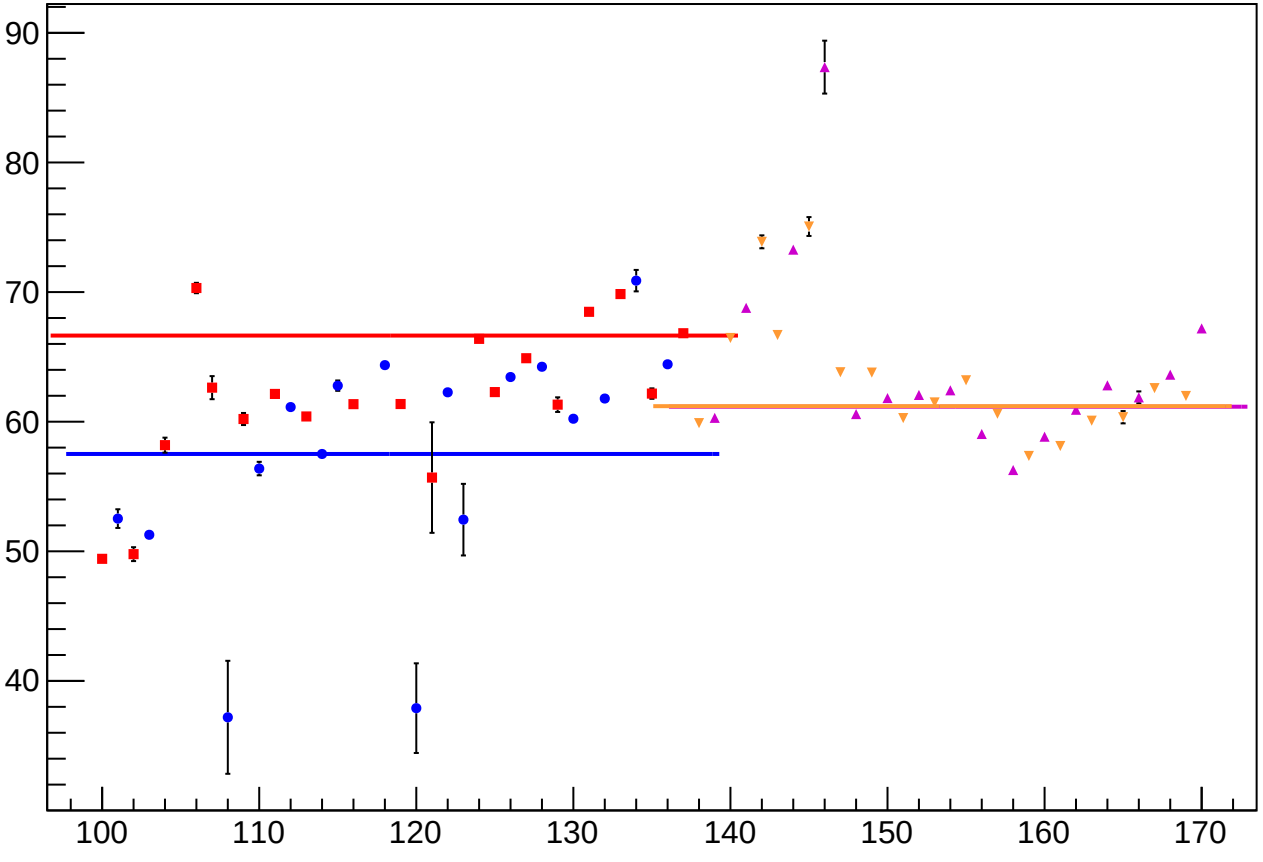
Left In: -12.130+/-0.002 χ^2/NDF:36100.4/15

+ sign -10.092+/-0.000 χ^2/NDF: 1891582.6/33

All: -10.092+/-0.000 χ^2/NDF: 3733288.1/68

- sign -12.201+/-0.002 χ^2/NDF: 147908.3/34

dit_sam8_4aX_slope vs Slug



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.198+/-0.044 χ^2/NDF:5251.0/16

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

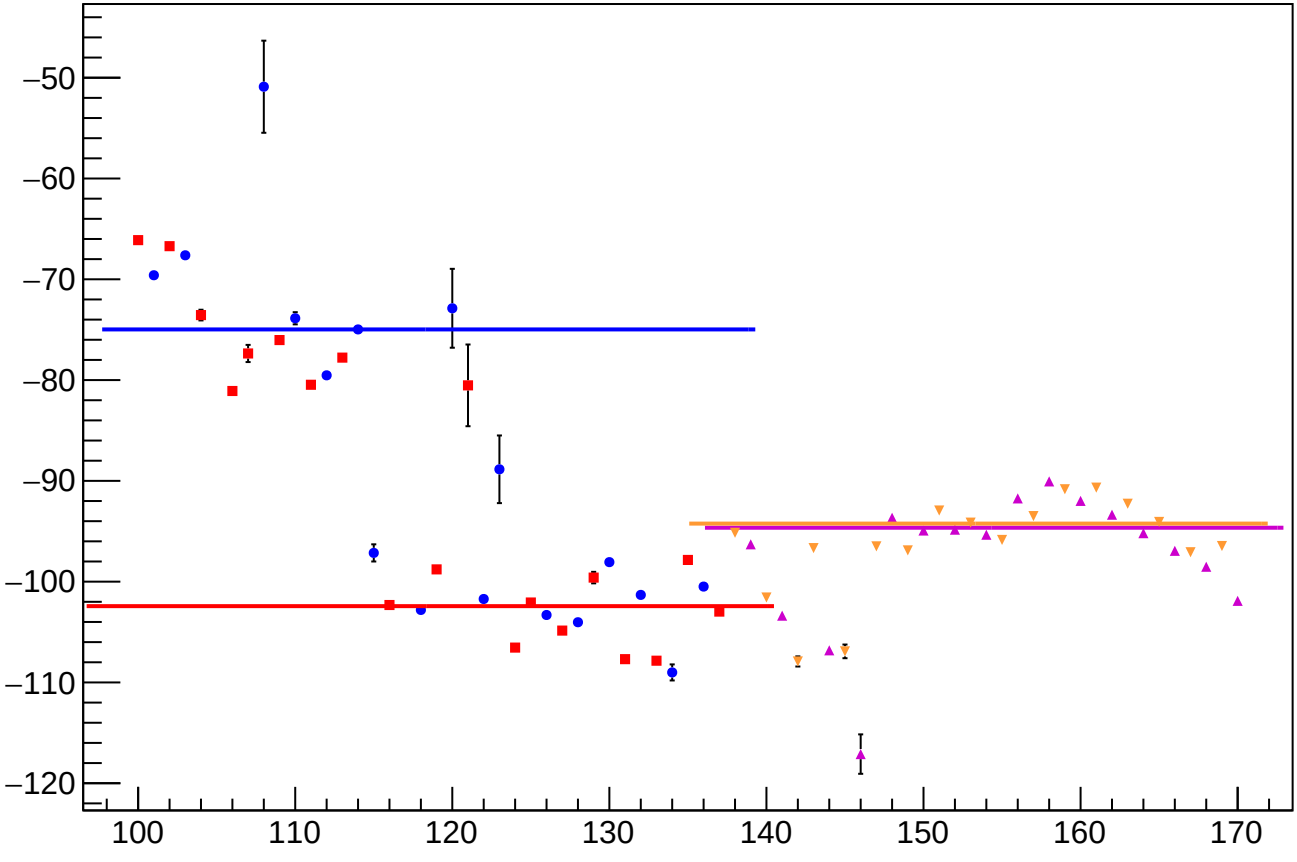
Left In: 61.157+/-0.036 χ^2/NDF:7365.4/15

+ sign 57.510+/-0.000 χ^2/NDF: 20477.6/33

All: 57.510+/-0.000 χ^2/NDF: 534521.5/68

- sign 66.001+/-0.012 χ^2/NDF: 36207.6/34

dit_sam8_4eX_slope vs Slug



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -94.240+/-0.044 χ^2/NDF:5255.0/16

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

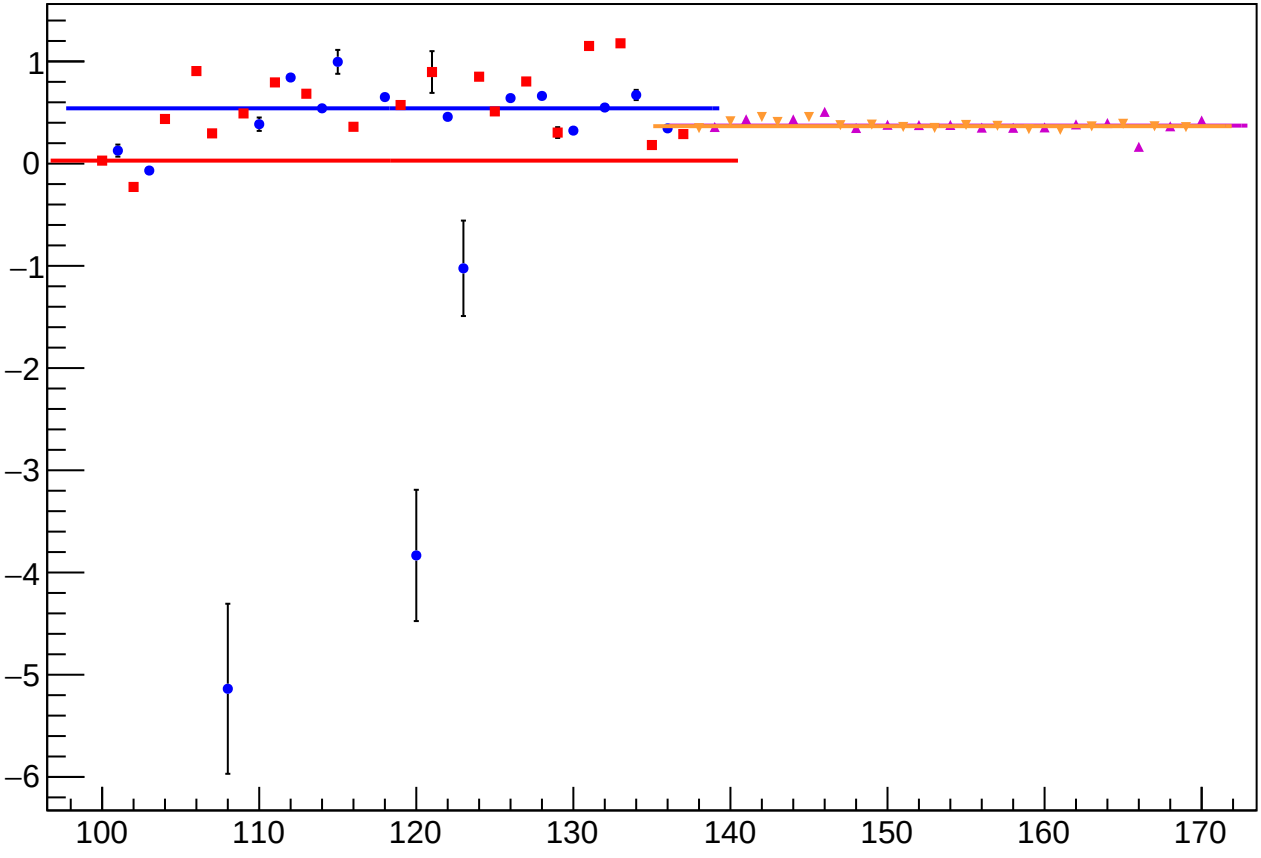
Left In: -94.650+/-0.036 χ^2/NDF:8737.9/15

+ sign -74.974+/-0.000 χ^2/NDF: 330112.2/33

All: -74.974+/-0.000 χ^2/NDF: 3059131.1/68

- sign -100.918+/-0.016 χ^2/NDF: 96193.3/34

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.366+/-0.000 χ^2/NDF:3084.3/16

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

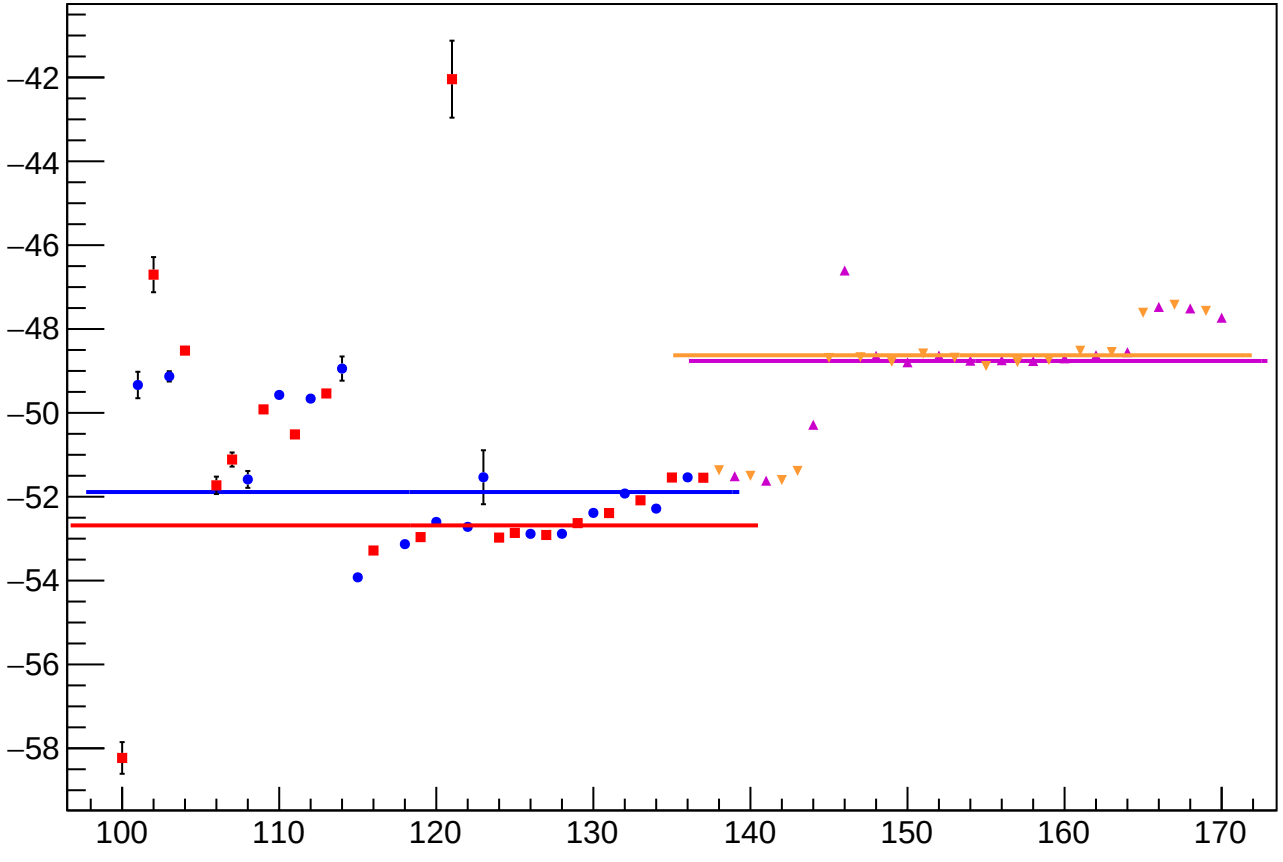
Left In: 0.372+/-0.000 χ^2/NDF:5743.9/15

+ sign 0.541+/-0.000 χ^2/NDF: 206106.6/33

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

- sign 0.030+/-0.000 χ^2/NDF: 1270559.0/34

dit_sam8_4aY_slope vs Slug



Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -48.626+/-0.001 χ^2/NDF:610252.0/16

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

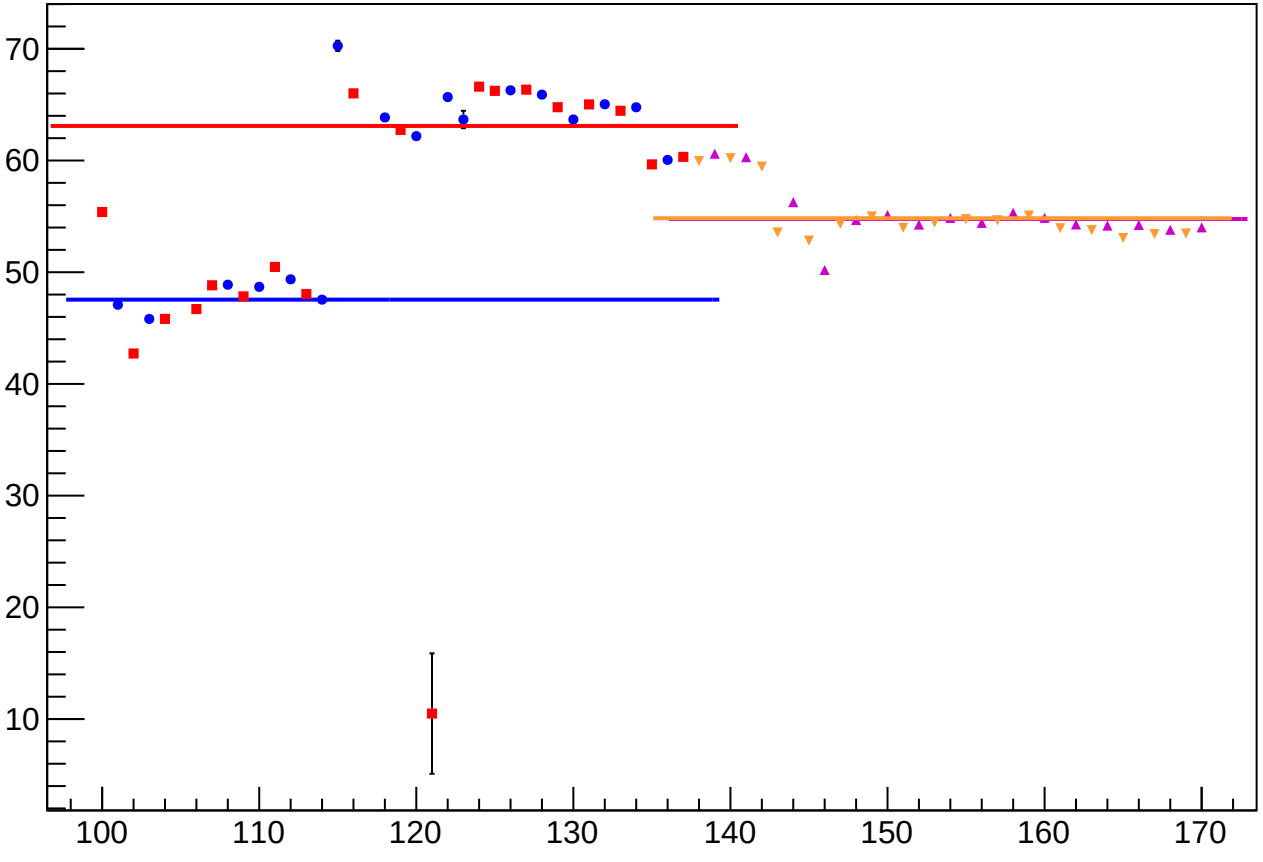
Left In: -48.762+/-0.001 χ^2/NDF:708614.1/15

+ sign -49.315+/-0.001 χ^2/NDF: 2377990.4/33

All: -49.288+/-0.001 χ^2/NDF: 5190217.7/68

- sign -49.266+/-0.001 χ^2/NDF: 2810911.7/34

dit_sam8_4eY_slope vs Slug



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 54.831+/-0.003 χ^2/NDF:273695.9/16

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

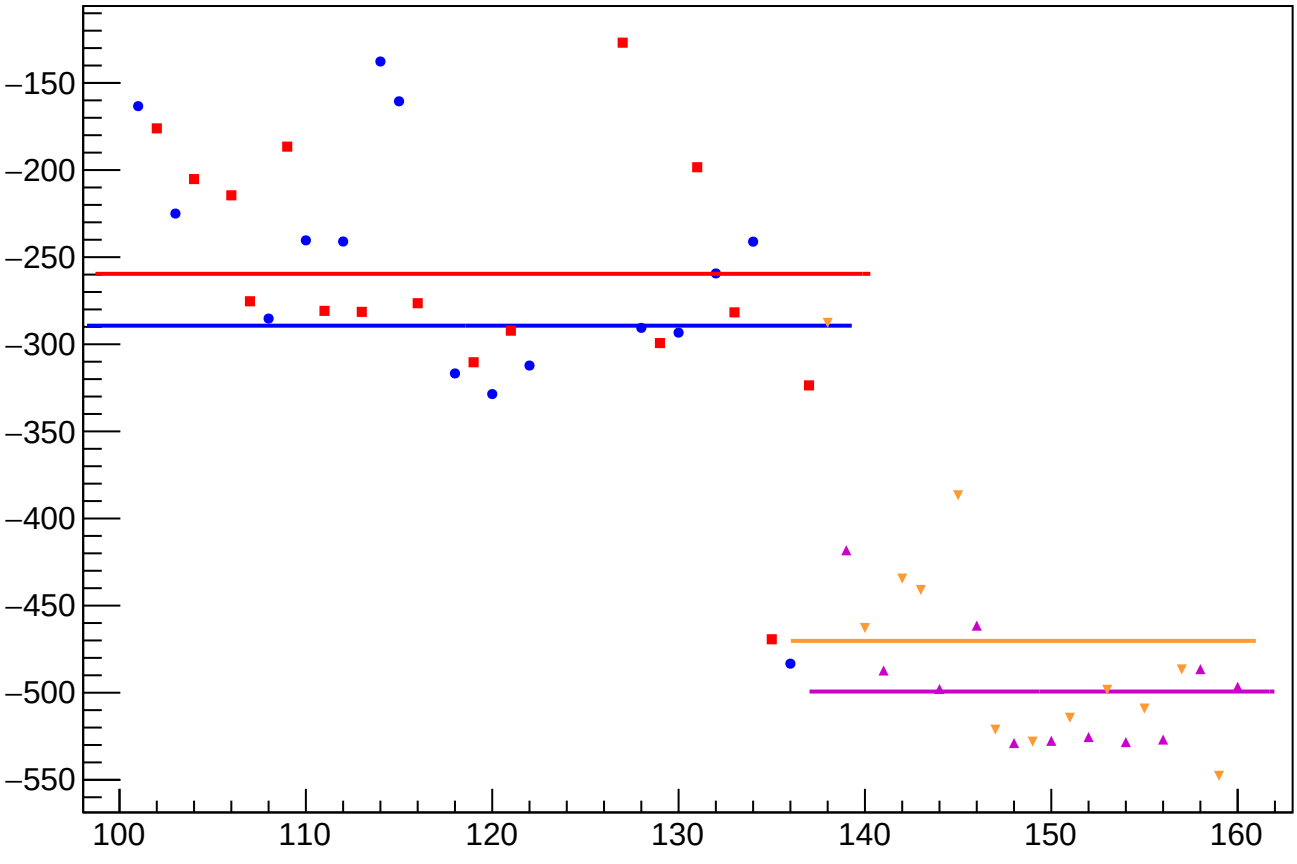
Left In: 54.765+/-0.003 χ^2/NDF:88748.6/15

+ sign 47.545+/-0.000 χ^2/NDF: 9343776.8/33

All: 47.545+/-0.000 χ^2/NDF: 21472667.8/68

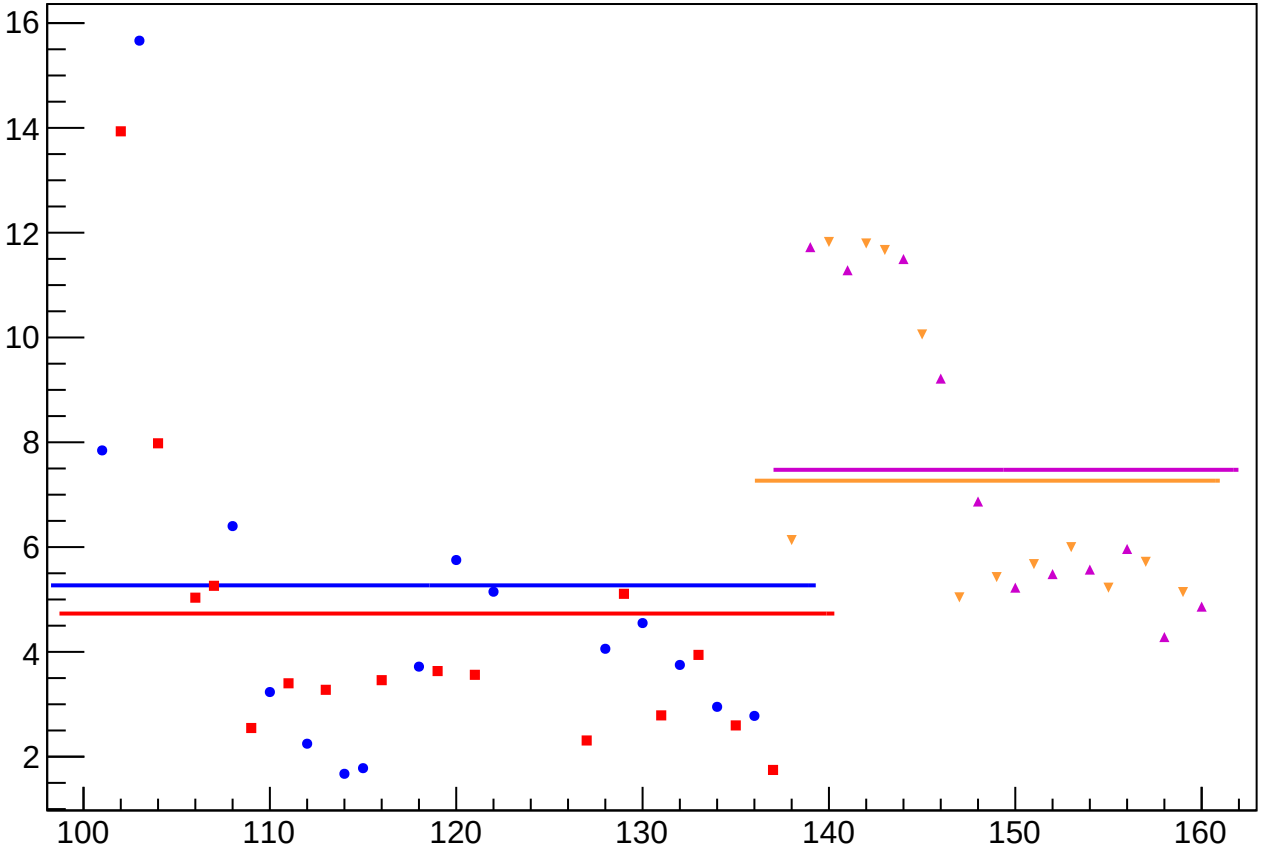
- sign 55.700+/-0.003 χ^2/NDF: 1525379.1/34

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14
+ sign -395.267+/-0.000 χ^2/NDF: 22417121738902
Left Out: -470.248+/-0.000 χ^2/NDF:460736190063513350733689317422320844 8.0/11
All: -397.050+/-0.000 χ^2/NDF: 50014681682
Right Out: -259.558+/-0.000 χ^2/NDF: 429988679269212397078456398377071411 2.0/15
- sign -398.805+/-0.000 χ^2/NDF: 27587676580489 4
Left In: -499.323+/-0.000 χ^2/NDF:101878946160664441010722171846551142 4.0/10

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

Left Out: 7.267+/-0.000 χ^2/NDF:6561845891361438099452945363894272.0/11

Right Out: 4.732+/-0.000 χ^2/NDF: 6856893072575211562802281426452480.0/15

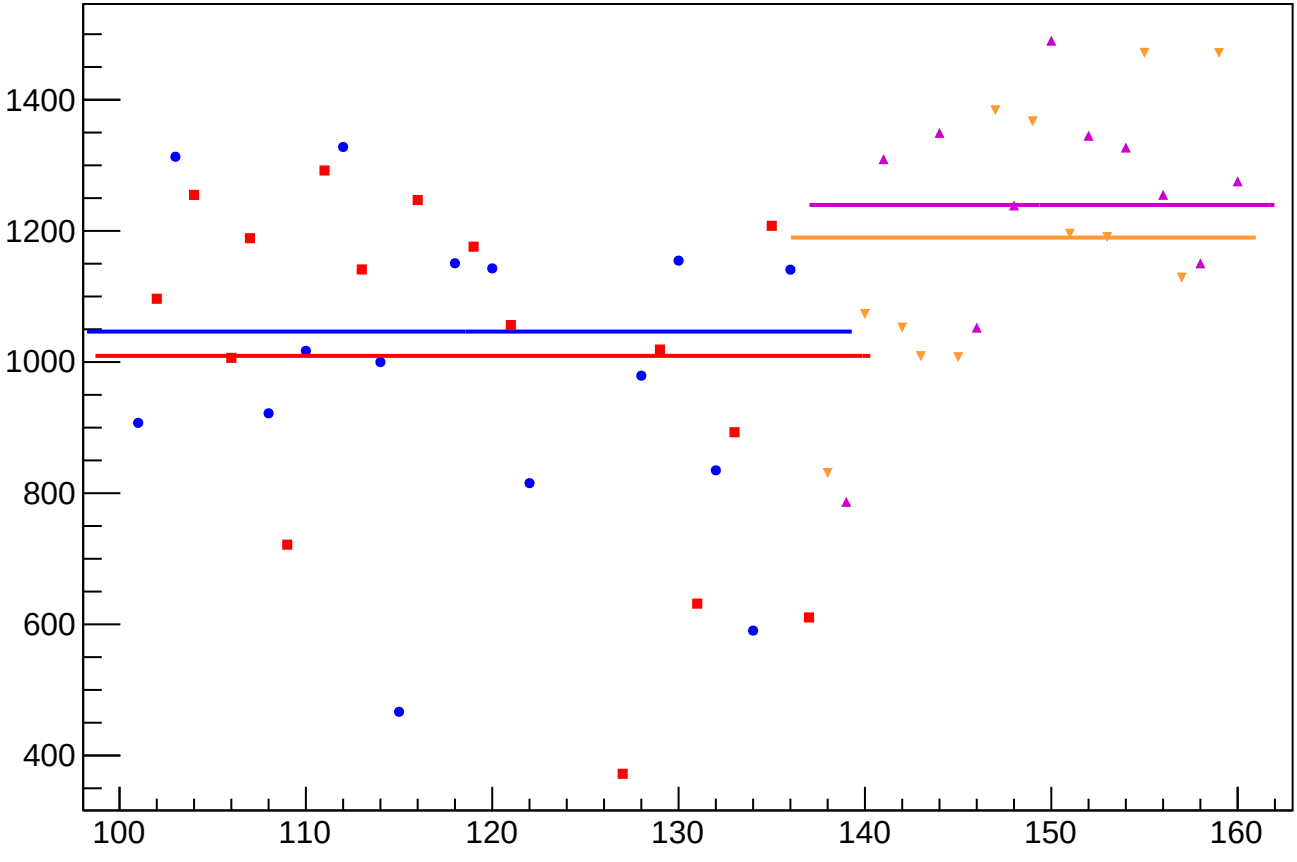
Left In: 7.475+/-0.000 χ^2/NDF:7057812139399579538870244550377472.0/10

+ sign 6.439+/-0.000 χ^2/NDF: 1678802931426997

All: 6.382+/-0.000 χ^2/NDF: 3362803982517

- sign 6.325+/-0.000 χ^2/NDF: 16829636305354281

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

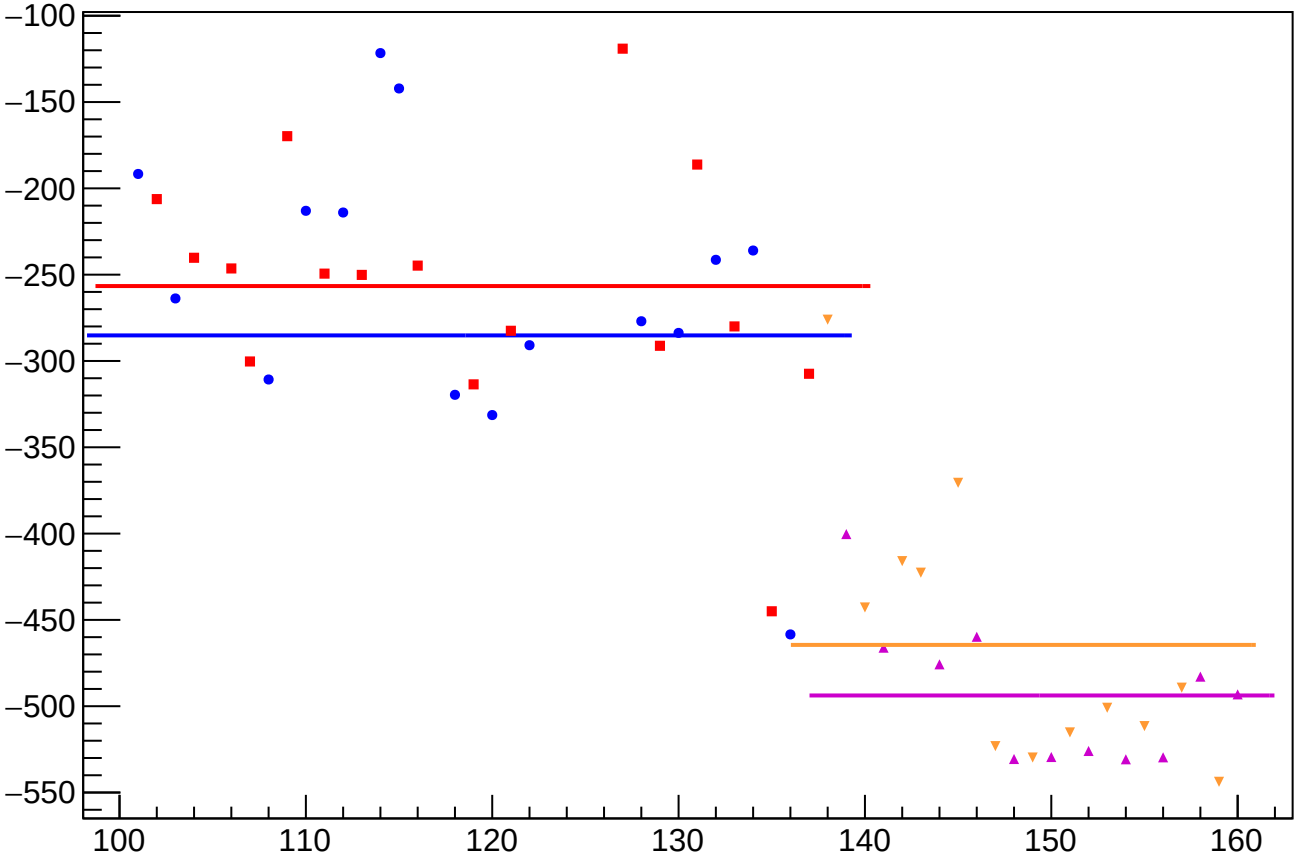
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14

Left Out: -464.487+/-0.000 χ^2/NDF:541251227374460357747487966052640358 4.0/11

Right Out: -256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

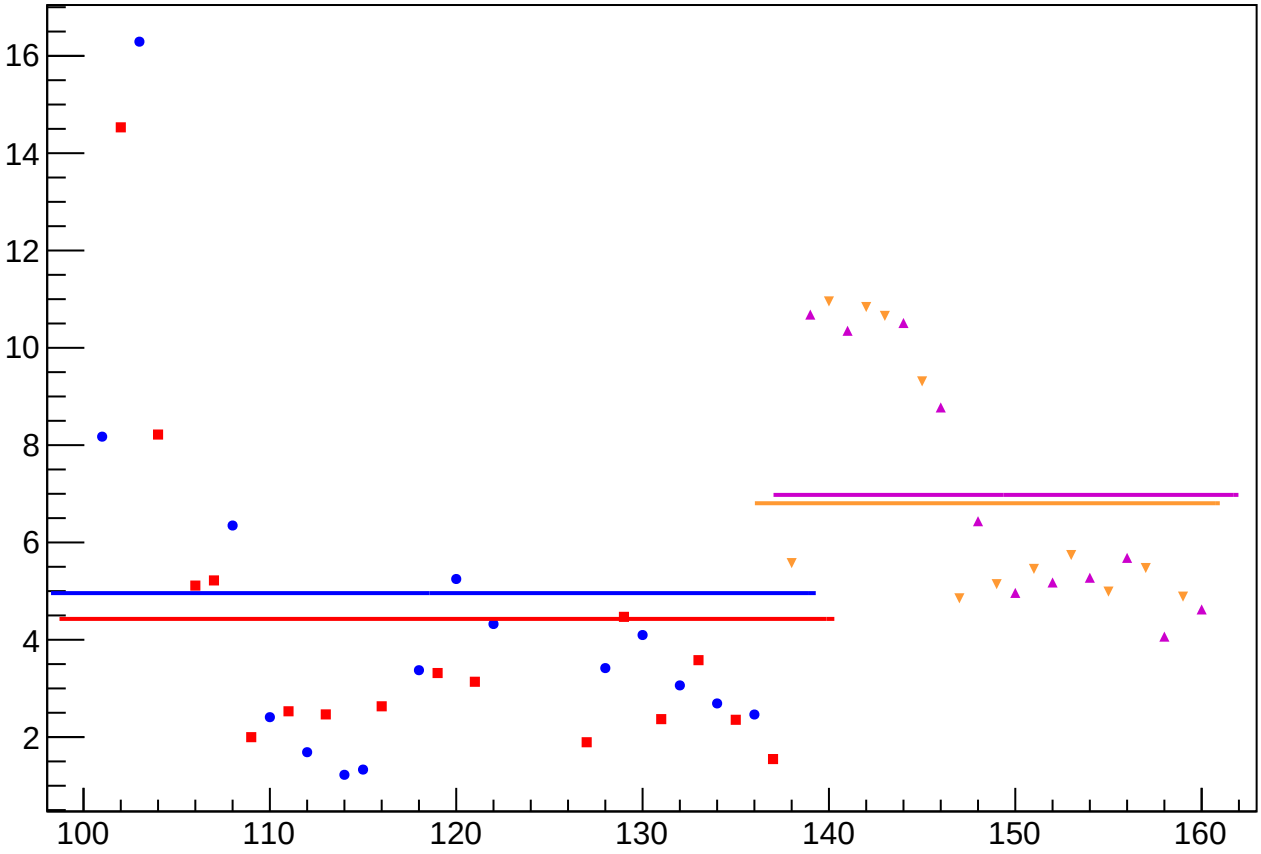
Left In: -493.780+/-0.000 χ^2/NDF:145179473127714223090146053222668697 6.0/10

+ sign -390.179+/-0.000 χ^2/NDF: 22109661045949

All: -392.279+/-0.000 χ^2/NDF: 4901487378 1

- 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: 6.806+/-0.000 χ^2/NDF:5243464744446974431083540143669248.0/11

Right Out: 4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

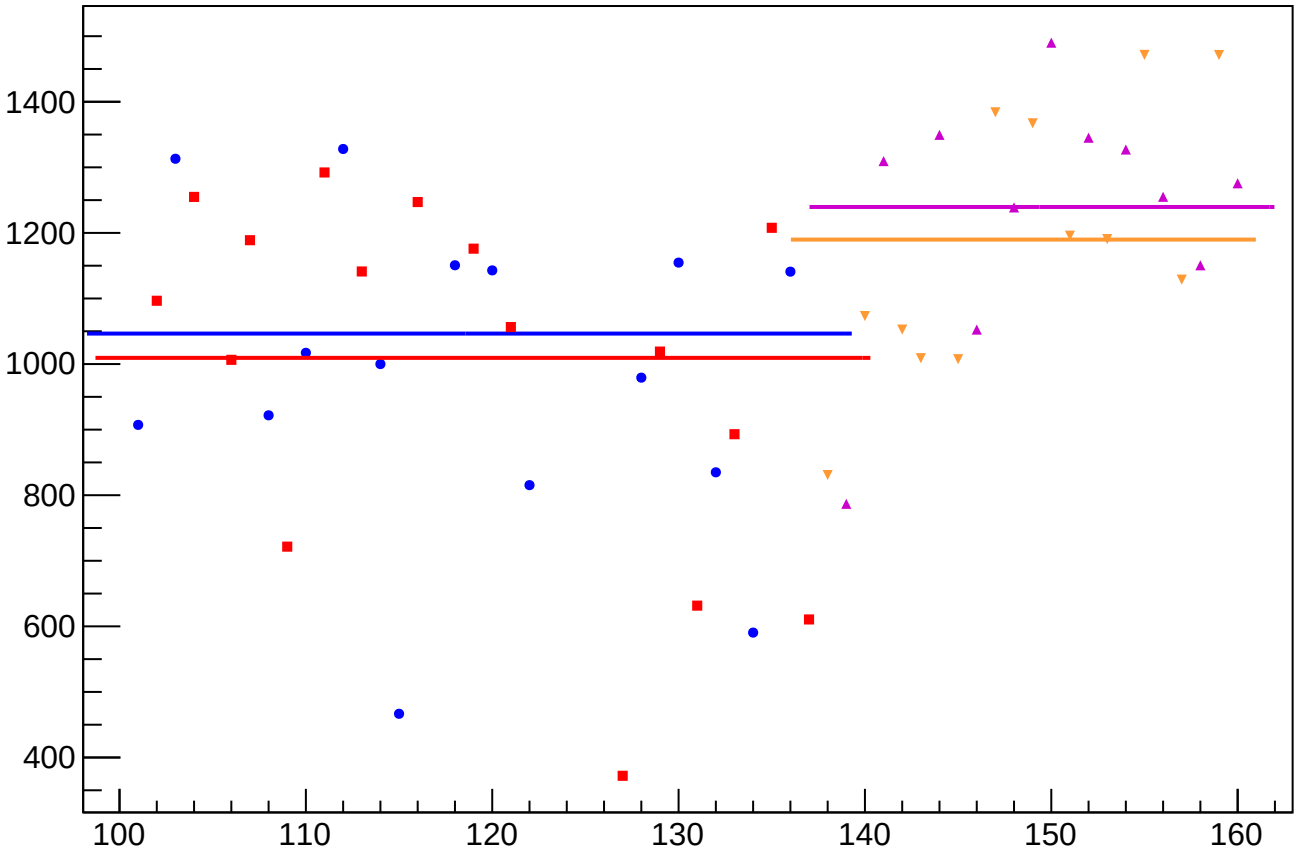
Left In: 6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

+ sign 6.040+/-0.000 χ^2/NDF: 1700544248831142 7

All: 5.974+/-0.000 χ^2/NDF: 3352949931531 4

- sign 5.909+/-0.000 χ^2/NDF: 1651043751750814 7

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

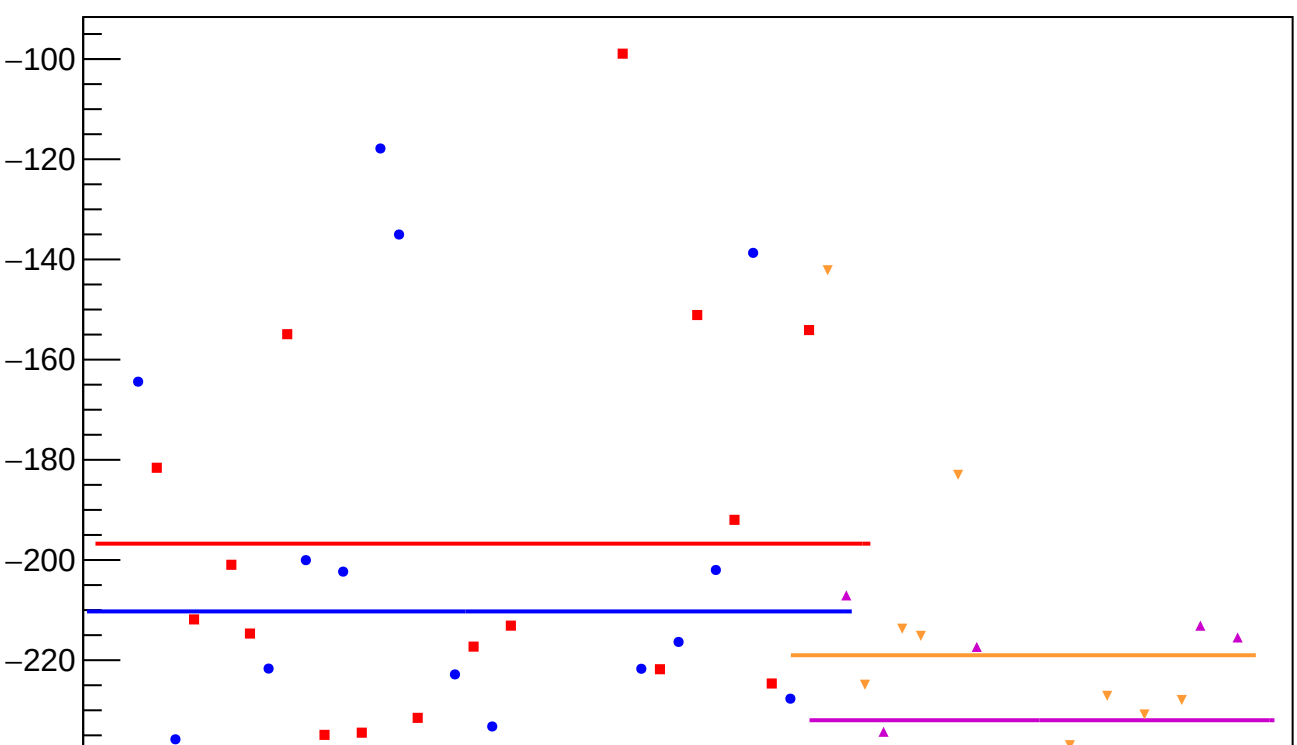
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004 5696.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680 0

All: 1136.802+/-0.000 χ^2/NDF: 1625185360 7

- 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

Left Out: -219.010+/-0.000 χ^2/NDF:7311322343420992689001316159775047 68.0/11

Right Out: -196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

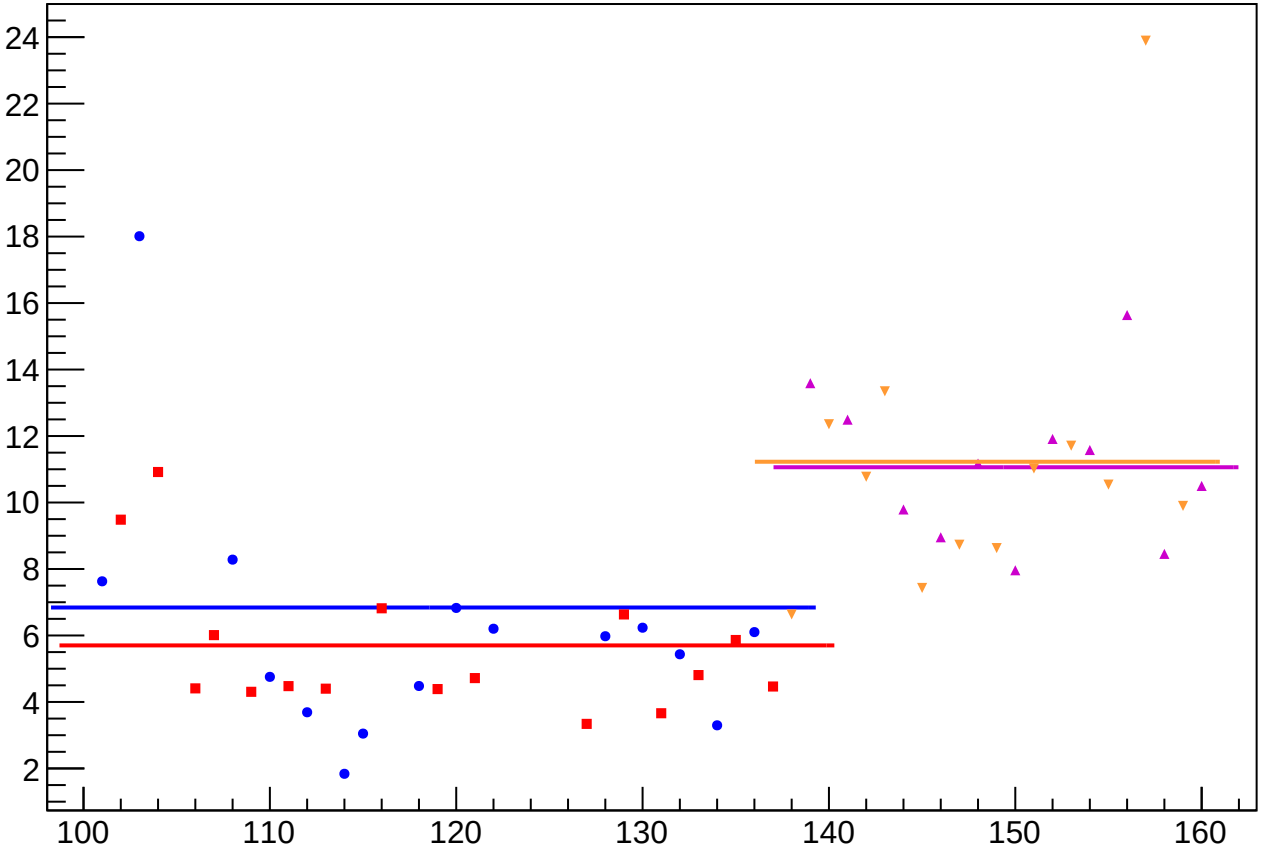
Left In: -231.985+/-0.000 χ^2/NDF:1829920272804014631390651052908871 68.0/10

+ sign -215.384+/-0.000 χ^2/NDF: 13279306156099

All: -216.303+/-0.000 χ^2/NDF: 29044263069

- sign -217.208+/-0.000 χ^2/NDF: 15738723291882

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000 χ^2/NDF: 9355934166823324467316647620771840.0/14

+ sign 9.409+/-0.000 χ^2/NDF: 3382054585763807

Left Out: 11.226+/-0.000 χ^2/NDF:1715783172850581055454357720819302 4.0/11

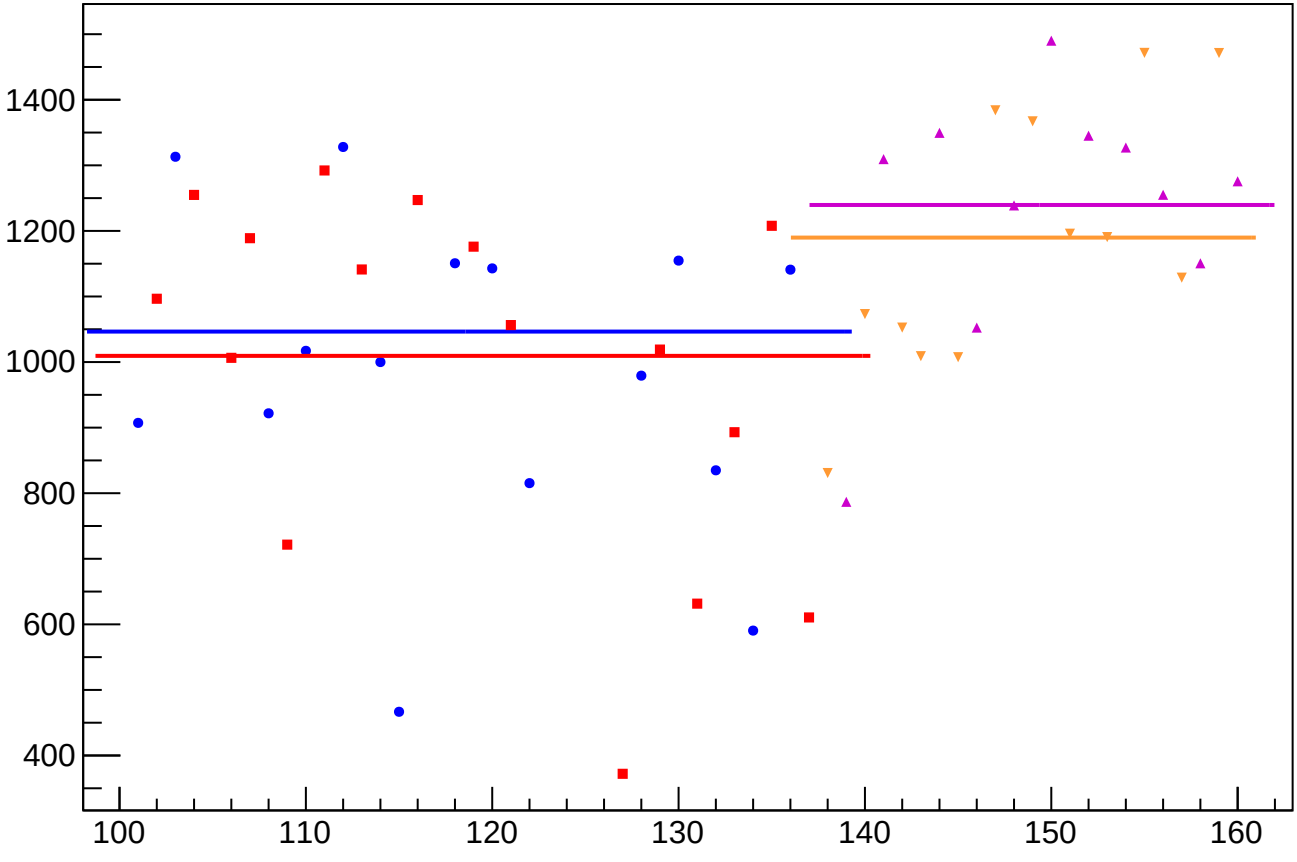
All: 9.109+/-0.000 χ^2/NDF: 5282016905596

Right Out: 5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15

- sign 8.814+/-0.000 χ^2/NDF: 1871995538454847 6

Left In: 11.061+/-0.000 χ^2/NDF:4417559387784954400311933713514496.0/10

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

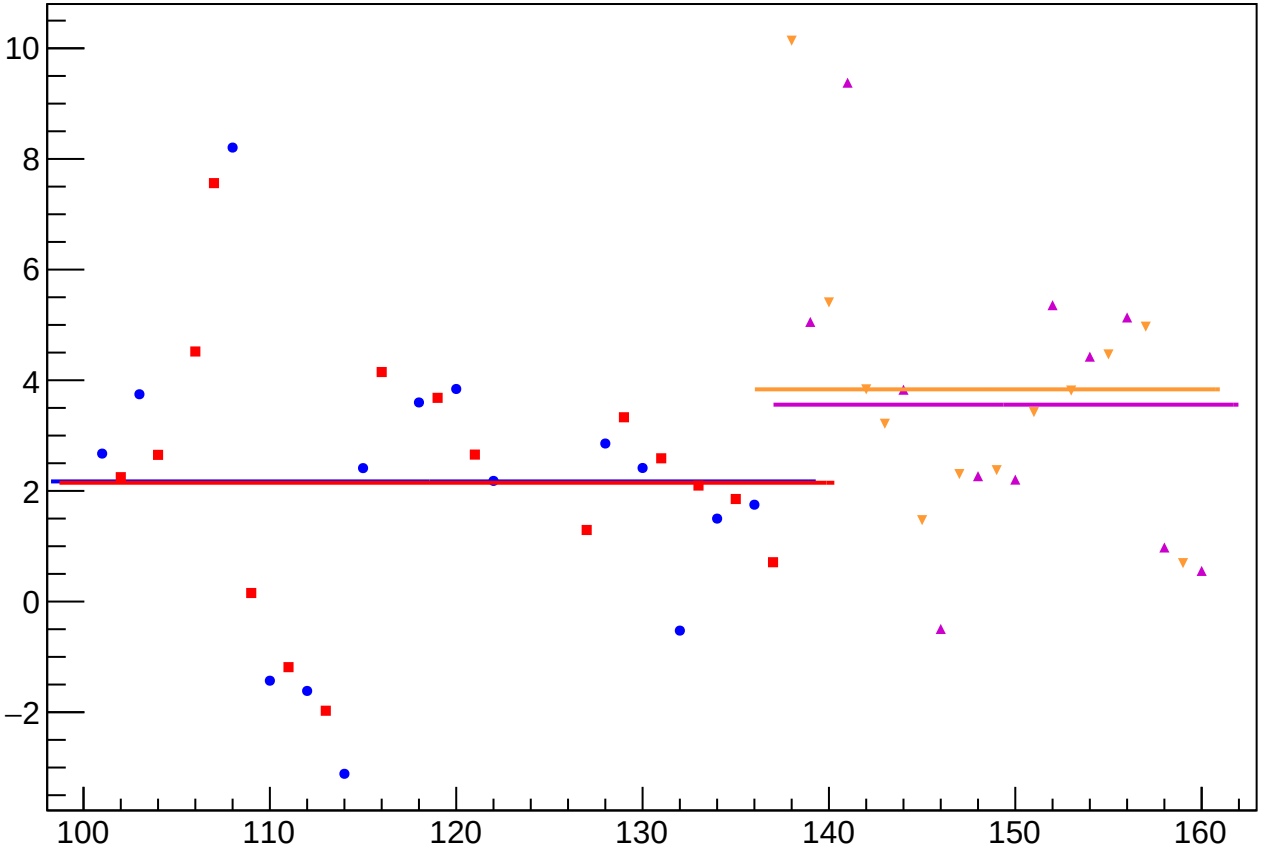
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

Left Out: 3.836+/-0.000 χ^2/NDF:5077142493205652960507998024761344.0/11

Right Out: 2.148+/-0.000 χ^2/NDF: 30938873362393789596063219318784 00.0/15

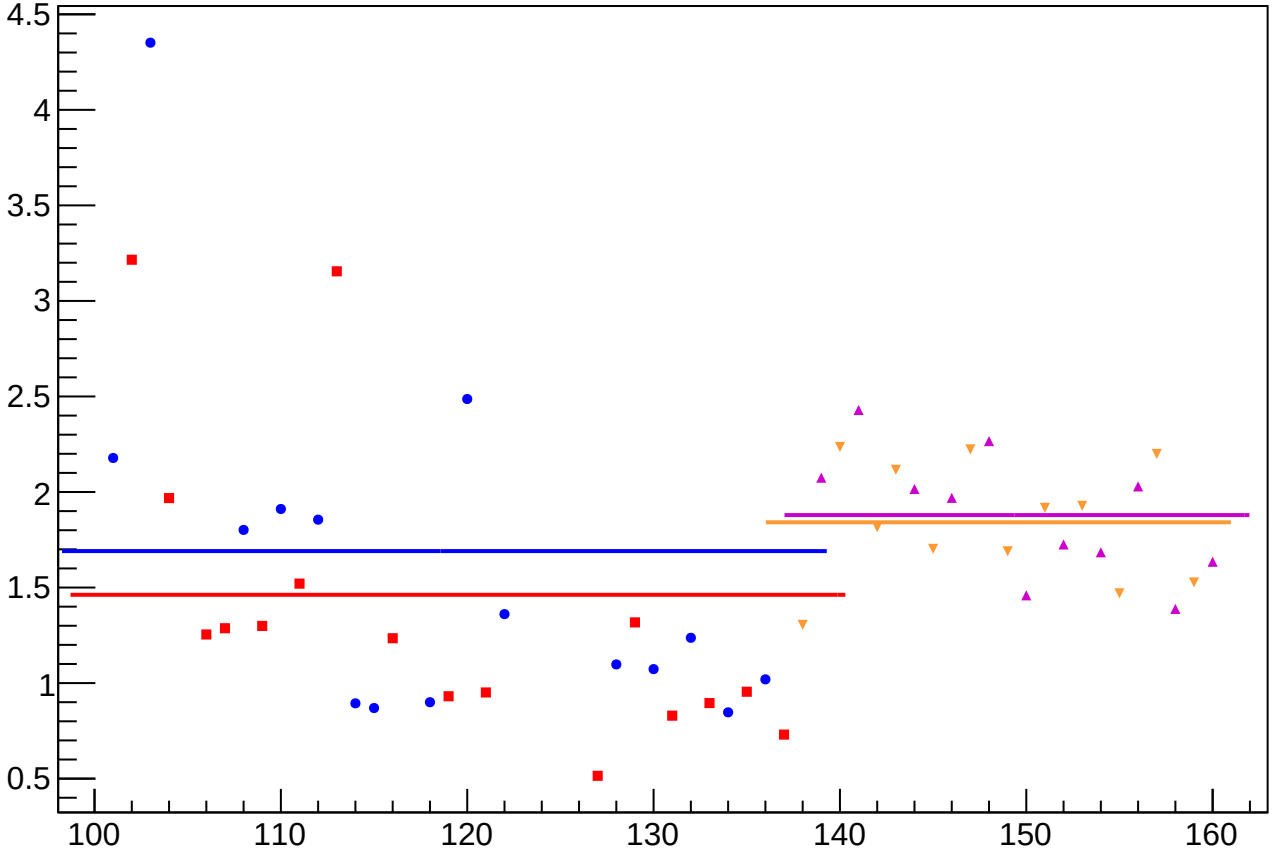
Left In: 3.559+/-0.000 χ^2/NDF:6492667345109962540652165758713856.0/10

+ sign 3.146+/-0.000 χ^2/NDF: 9729747927938629 6

All: 3.056+/-0.000 χ^2/NDF: 2011291704236 1

- 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: 1.841+/-0.000 χ^2/NDF:85338663213371601399207847526400.0/11

Right Out: 1.462+/-0.000 χ^2/NDF: 44438451166251904002237175483596 8.0/15

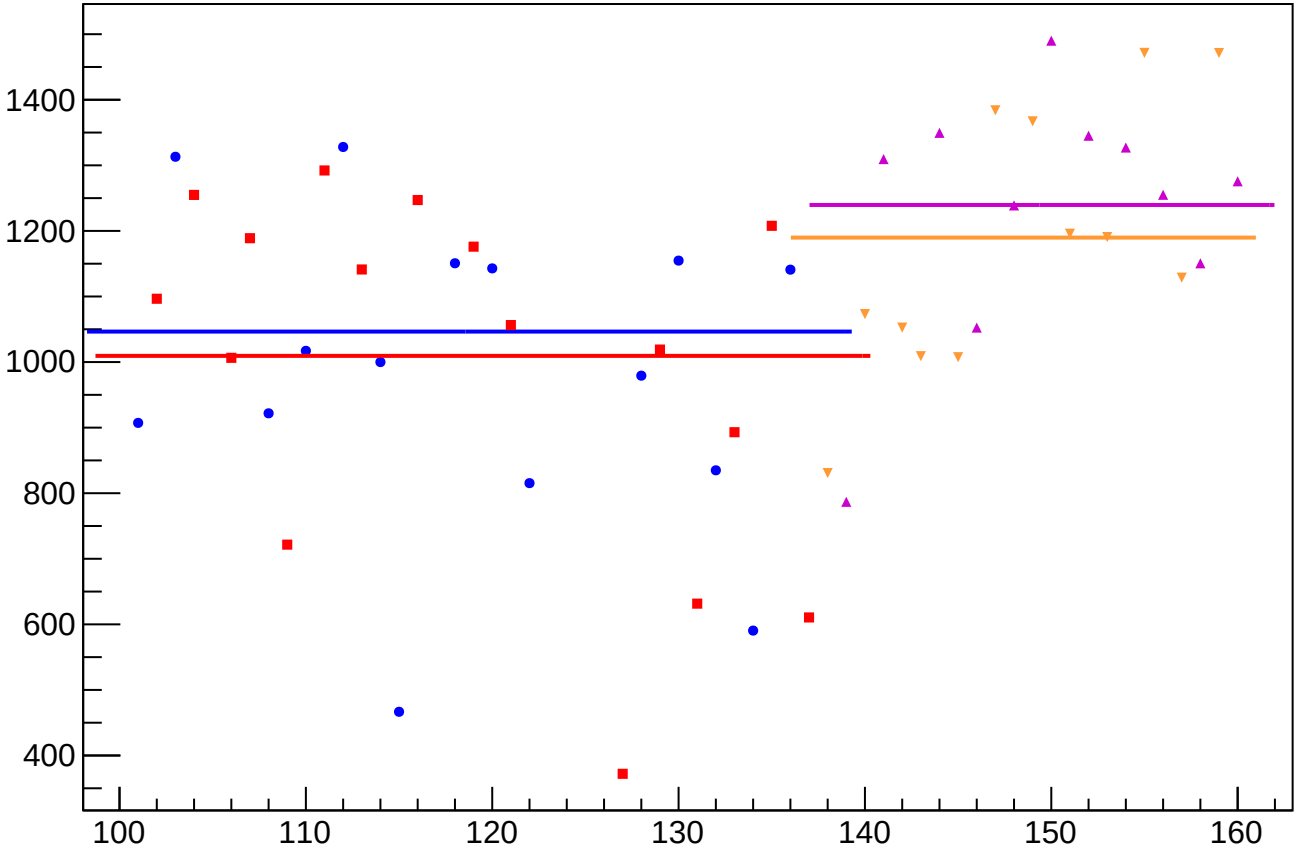
Left In: 1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

+ sign 1.779+/-0.000 χ^2/NDF: 7061305542845411 8

All: 1.741+/-0.000 χ^2/NDF: 1313296667405 8

- 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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

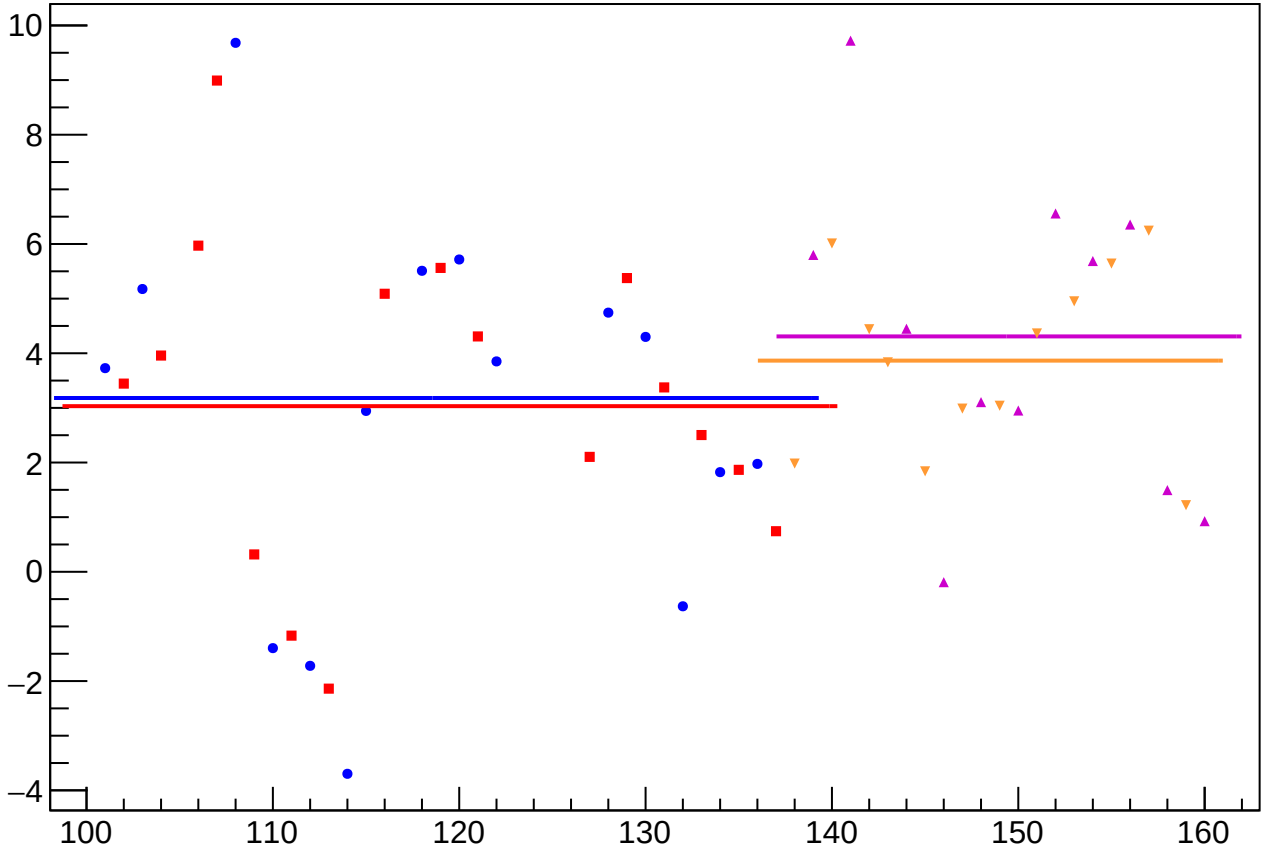
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000 χ^2/NDF: 583330322786825261770456639419187 2.0/14

+ sign 3.582+/-0.000 χ^2/NDF: 8509208025982229 3

Left Out: 3.865+/-0.000 χ^2/NDF:249802179242454281721420457810329 6.0/11

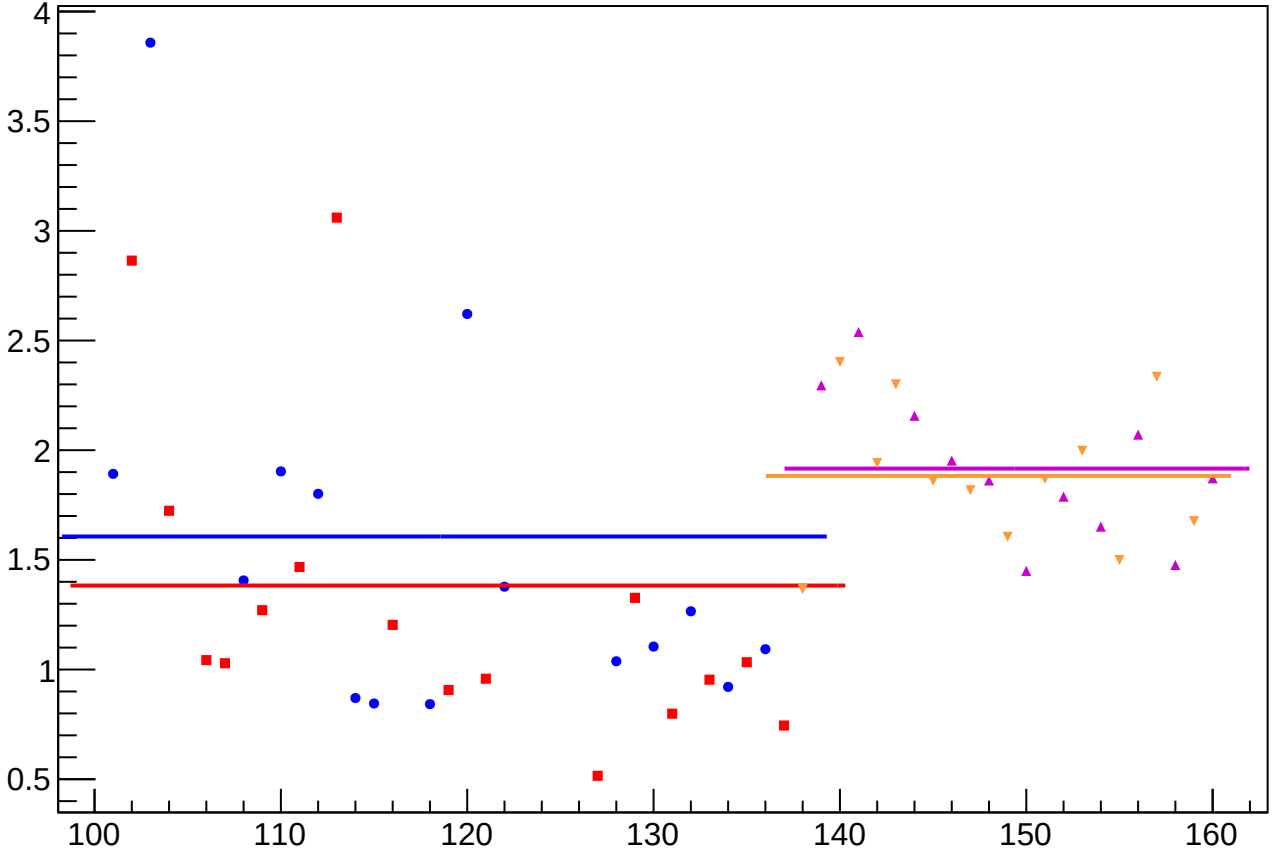
All: 3.678+/-0.000 χ^2/NDF: 2118015967561 2

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: 1.883+/-0.000 χ^2/NDF:93981074591902245168022313500672.0/11

Right Out: 1.383+/-0.000 χ^2/NDF: 35834889701628620095765033779200 0.0/15

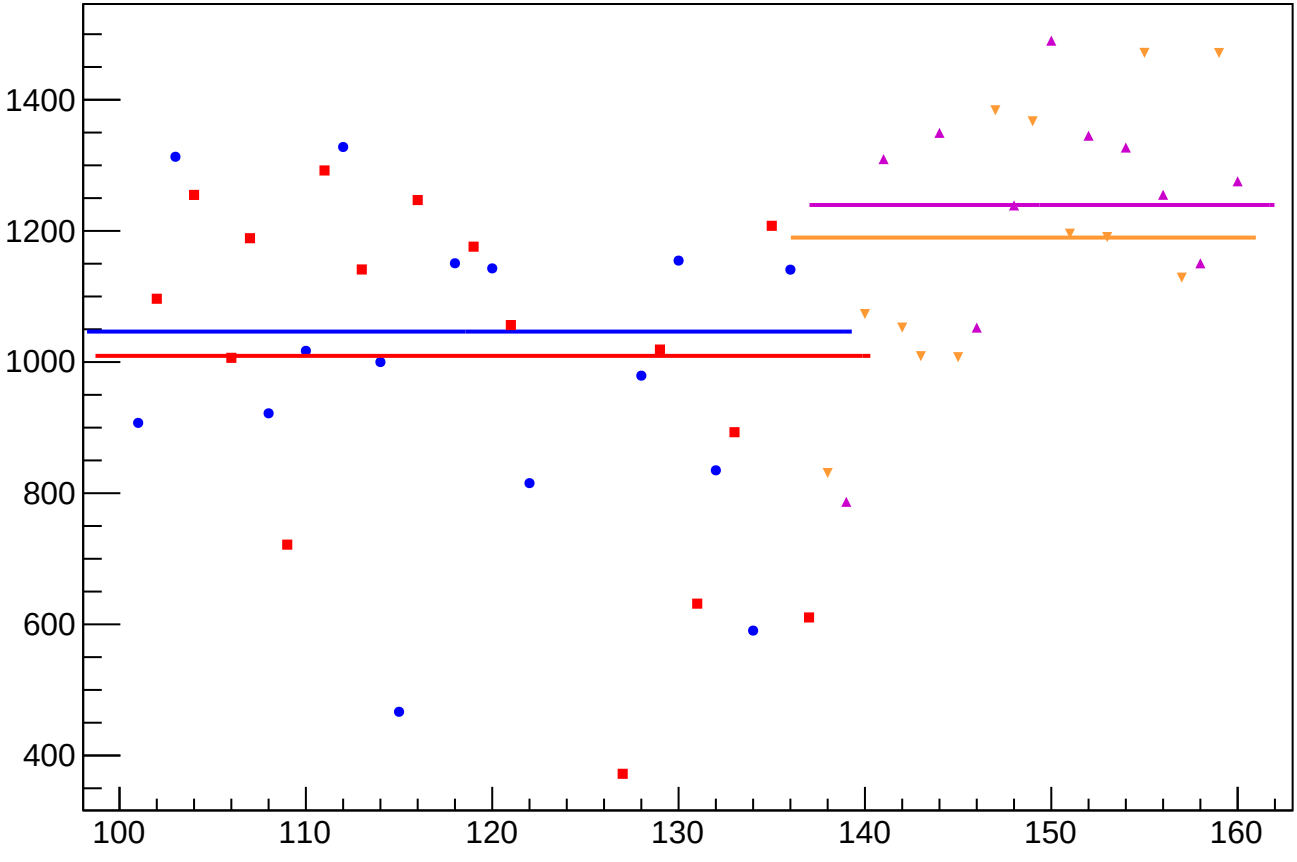
Left In: 1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

+ sign 1.768+/-0.000 χ^2/NDF: 5839052238155533

All: 1.730+/-0.000 χ^2/NDF: 1152178406161

- sign 1.693+/-0.000 χ^2/NDF: 5637459610946310

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

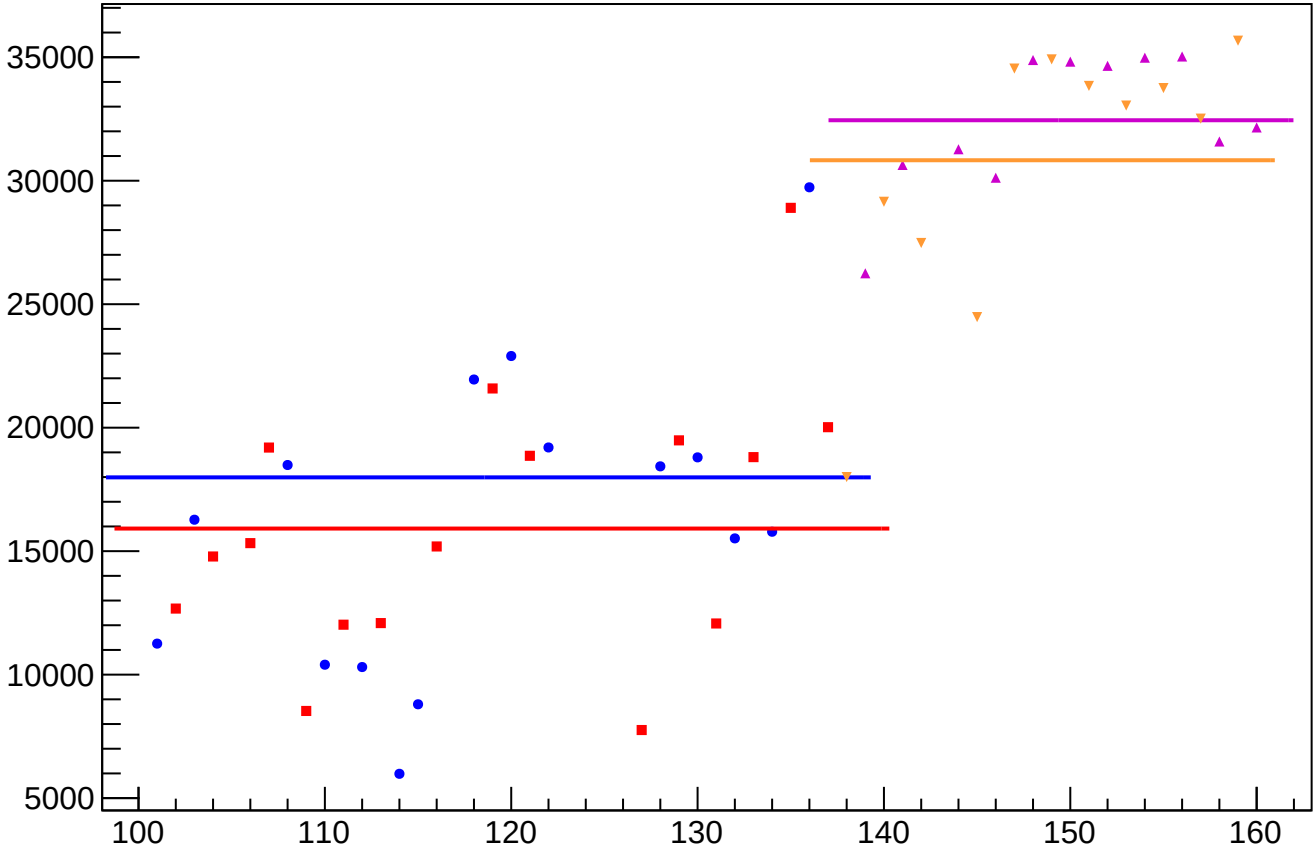
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

Left Out: 30828.996+/-0.000 χ^2/NDF:2322594180406193491319520532167112681062 4.0/10

Right Out: 15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15

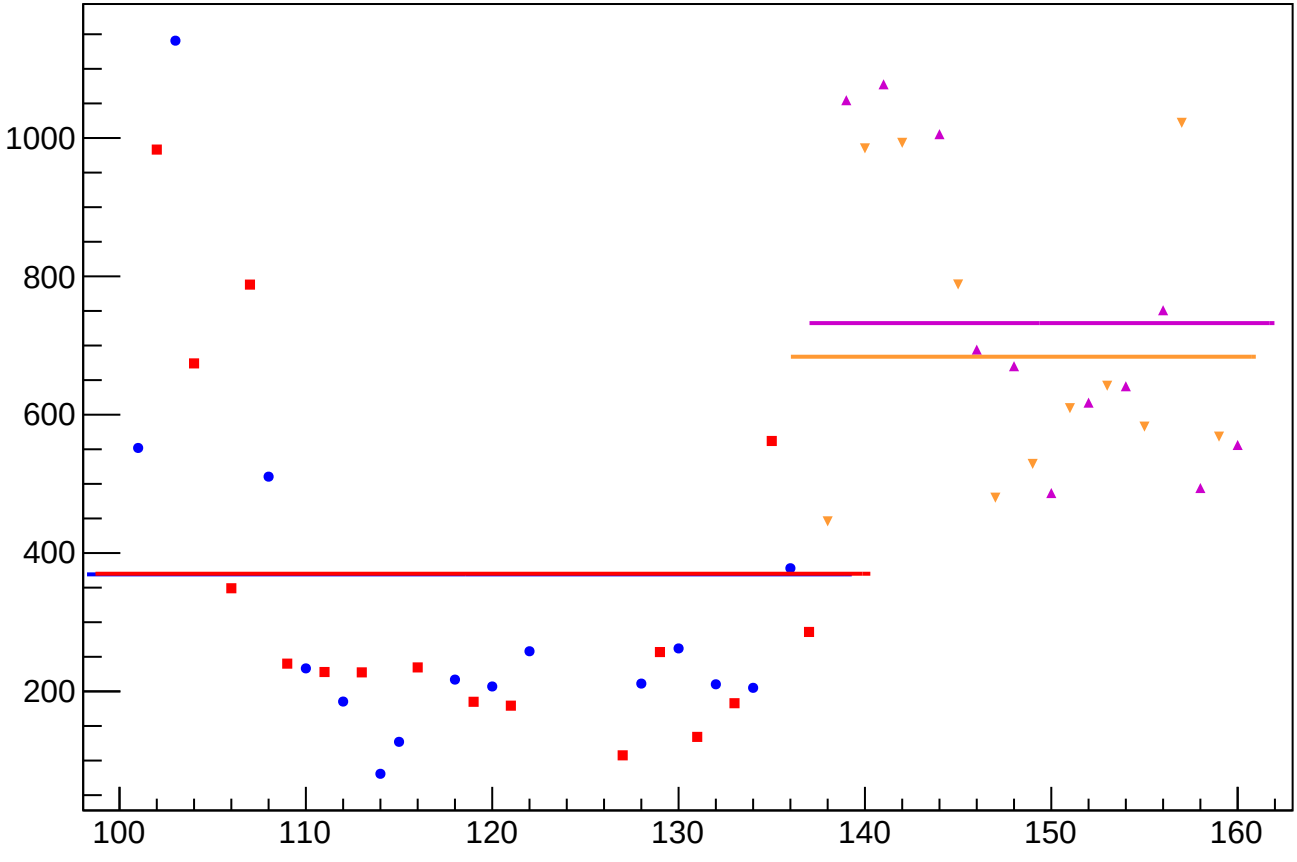
Left In: 32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10

+ sign 25269.499+/-0.000 χ^2/NDF: 1087212427232

All: 25397.091+/-0.000 χ^2/NDF: 2411788938

- 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: 683.818+/-0.000 χ^2/NDF:3388921332785932535864706997797519360 0.0/10

Right Out: 370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15

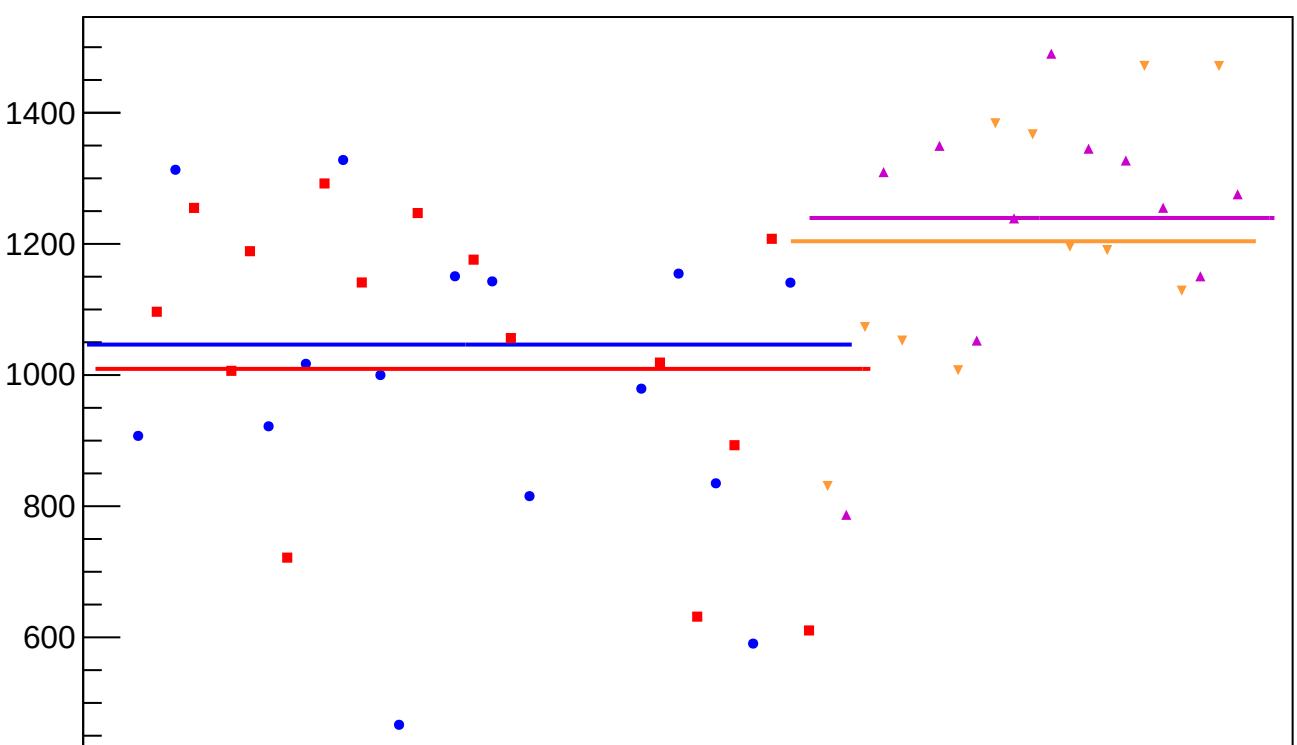
Left In: 732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10

+ sign 547.589+/-0.000 χ^2/NDF: 11837711828829 4

All: 564.543+/-0.000 χ^2/NDF: 2582236411 90

- sign 580.516+/-0.000 χ^2/NDF: 13900973596802 0

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1204.078+/-0.000 χ^2/NDF:331233757142676462203474342181443993 60.0/10

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

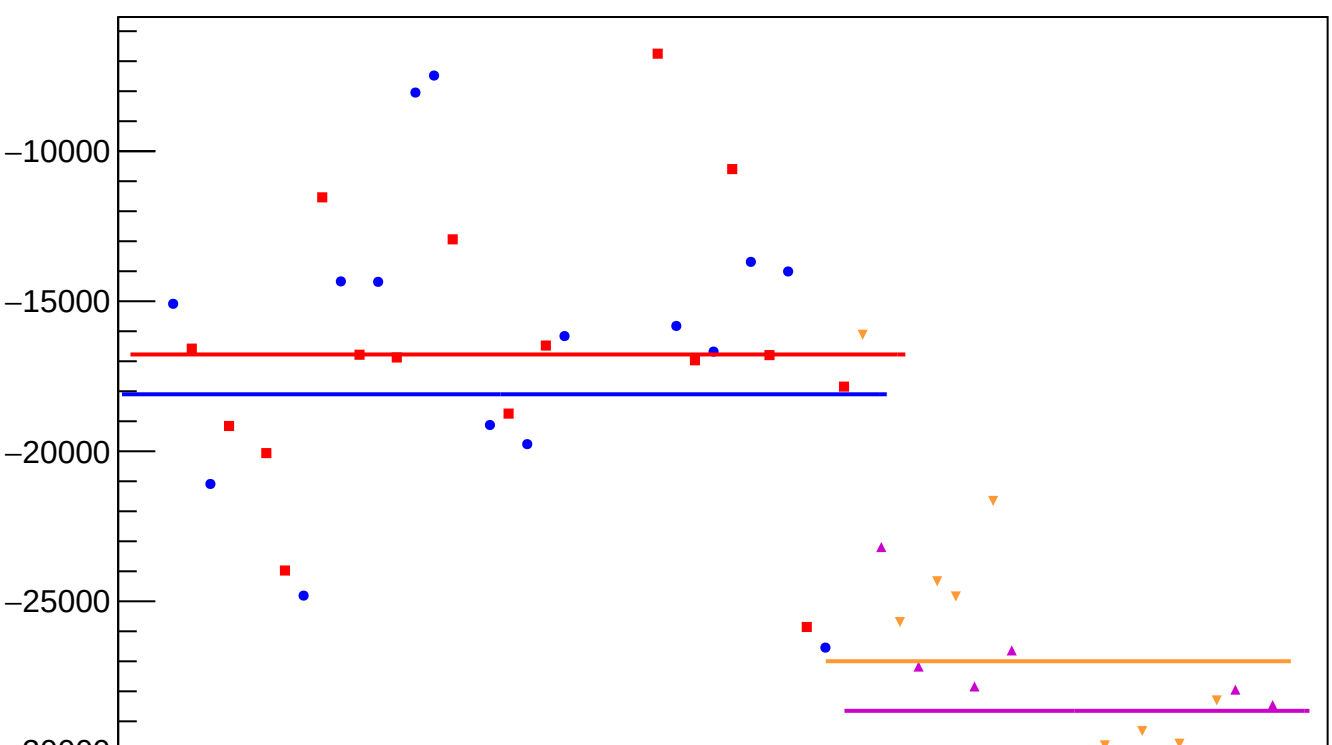
Left In: 1239.553+/-0.000 χ^2/NDF:291161803304255052425940307043900456 96.0/10

+ sign 1135.849+/-0.000 χ^2/NDF: 6712916334673 9

All: 1139.574+/-0.000 χ^2/NDF: 1613996836 5

- 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: -26996.716+/-0.000 χ^2/NDF:1764633321621440442009639448668150956032 0.0/11

Right Out: -16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

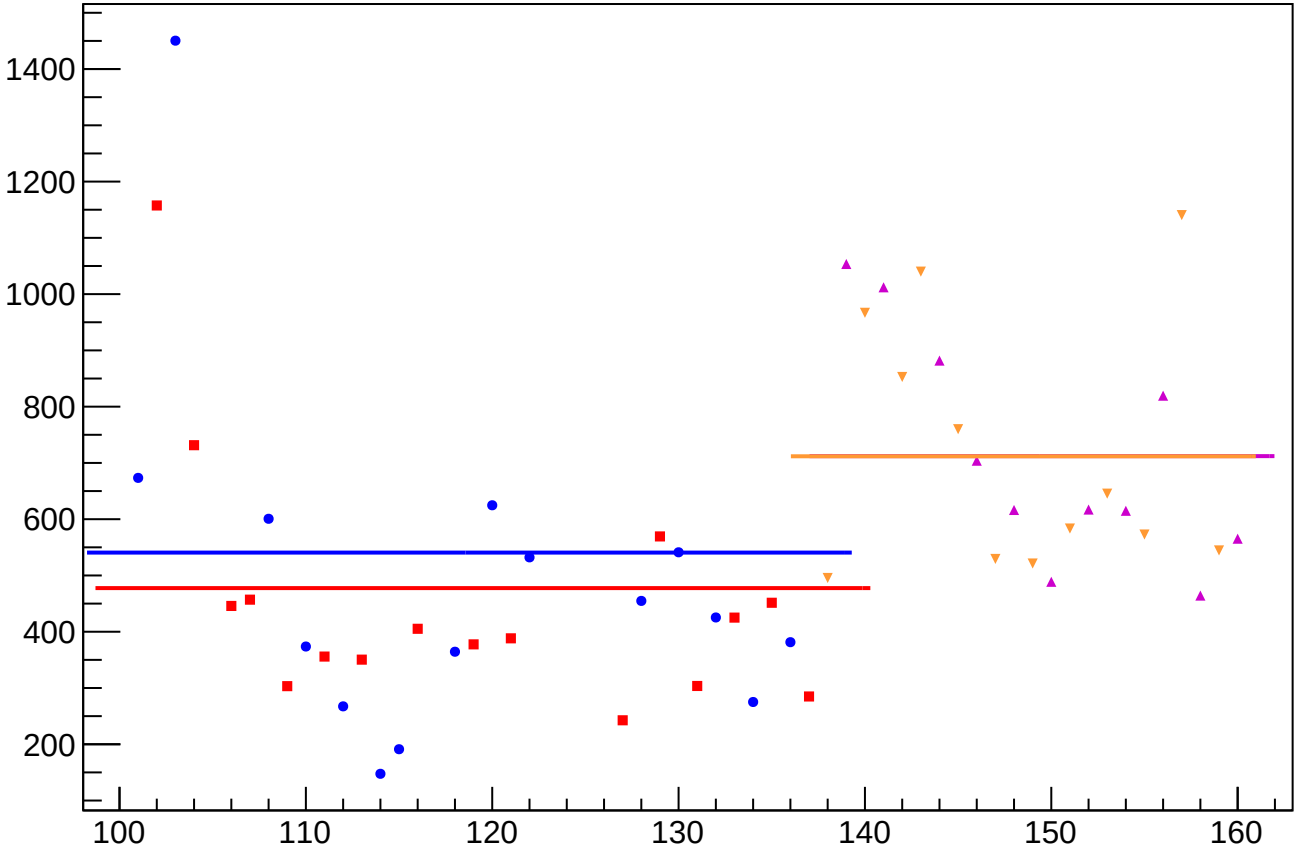
Left In: -28650.410+/-0.000 χ^2/NDF:4838827535981080826725947474344765554688.0/10

+ sign -23309.899+/-0.000 χ^2/NDF: 623572604420

All: -23492.010+/-0.000 χ^2/NDF: 136175733

- 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: 711.811+/-0.000 χ^2/NDF:428867551035359898882784394430424023 04.0/11

Right Out: 477.546+/-0.000 χ^2/NDF: 387983065042969544615371168097606041 60.0/15

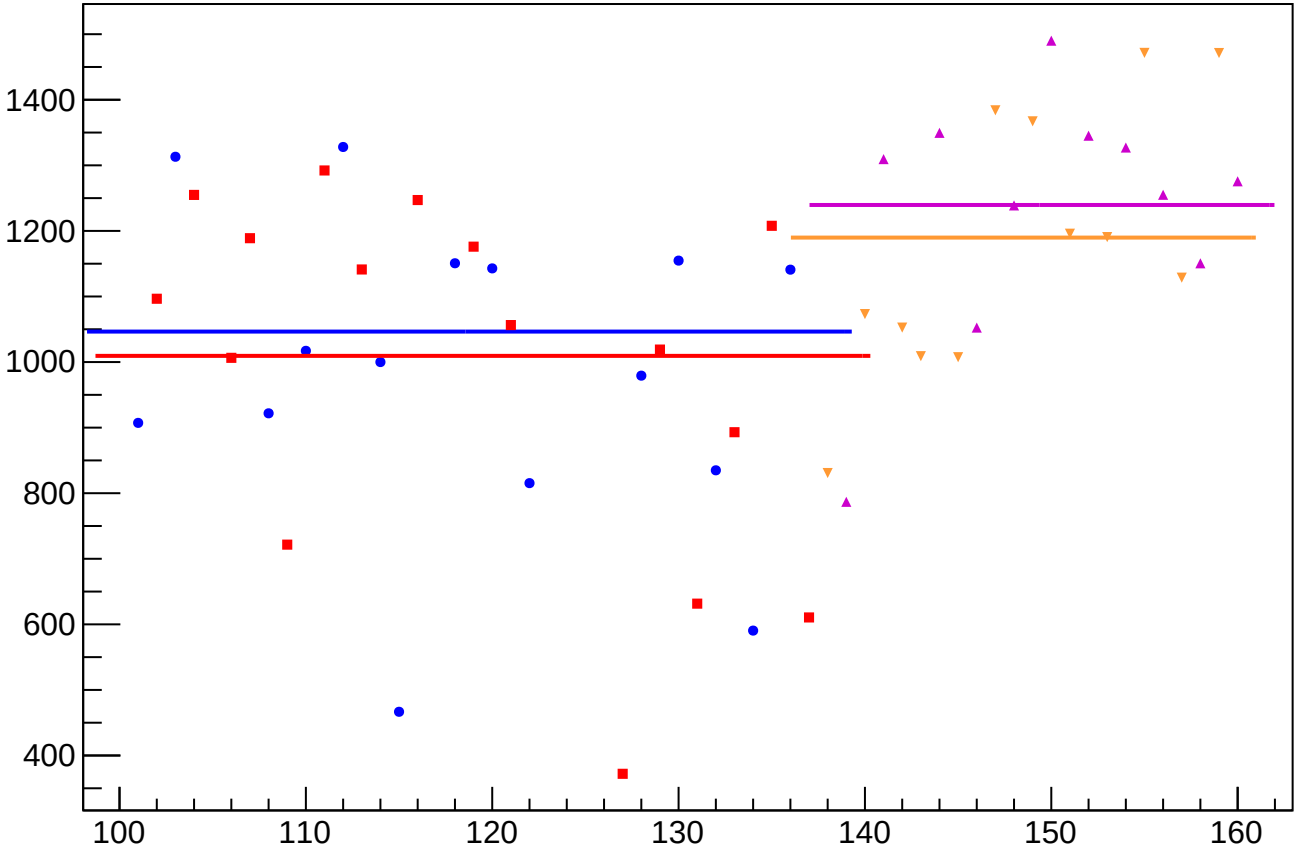
Left In: 712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

+ sign 640.881+/-0.000 χ^2/NDF: 1185653973030 67

All: 627.215+/-0.000 χ^2/NDF: 2133461915 89

- sign 613.763+/-0.000 χ^2/NDF: 9420039843321 38

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

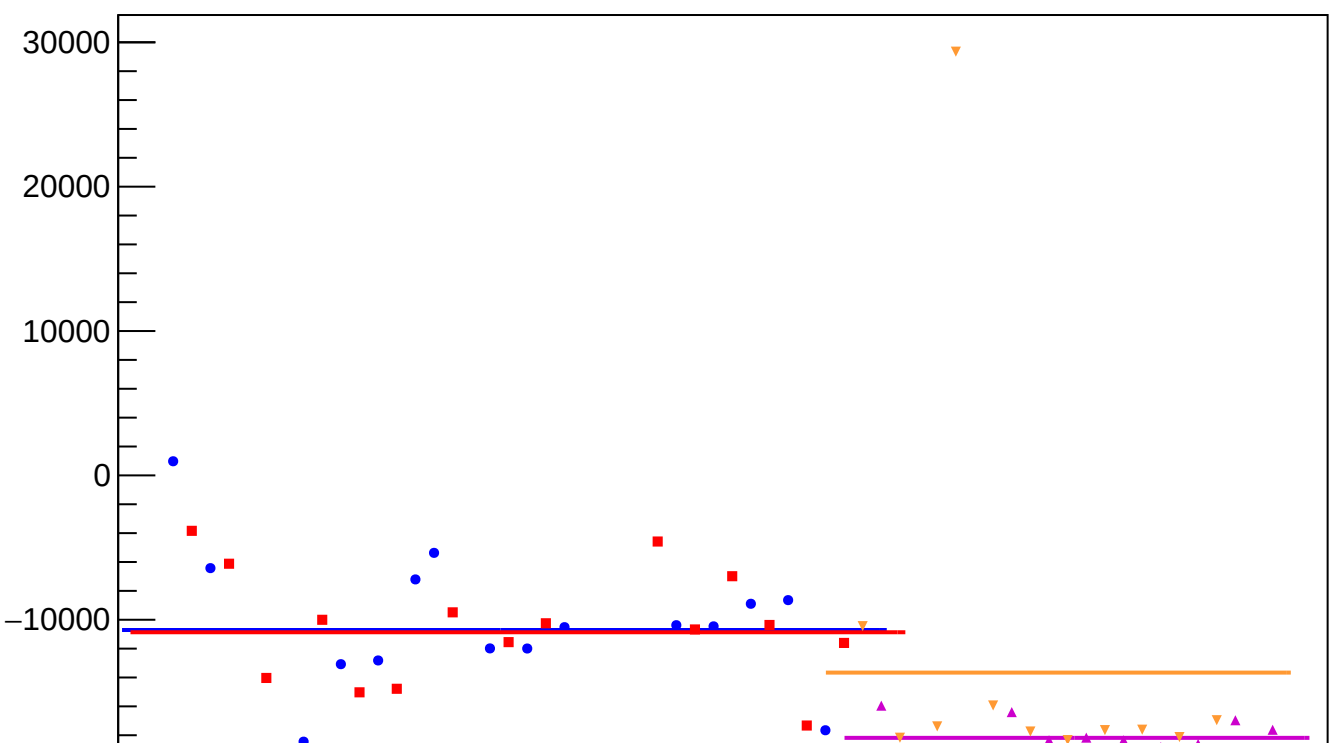
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

Left Out: -13660.650+/-0.000 χ^2/NDF:1379968999585116089211263214590379551621 12.0/11

Right Out: -10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664 7552.0/15

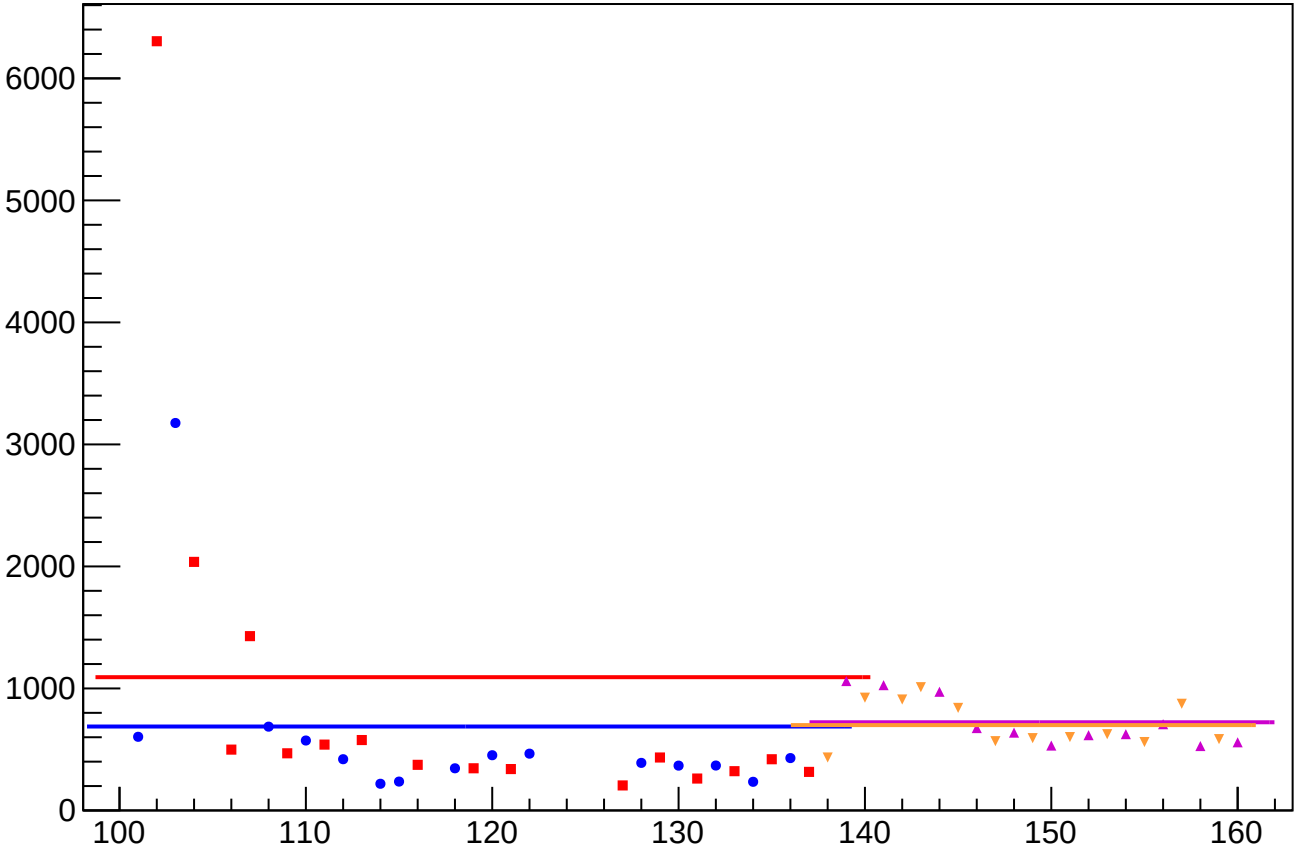
Left In: -18181.504+/-0.000 χ^2/NDF:1643617183572647868818914289162838343680.0/10

+ sign -12437.928+/-0.000 χ^2/NDF: 158250171839

All: -13786.919+/-0.000 χ^2/NDF: 200512620

- sign -15114.713+/-0.000 χ^2/NDF: 3660768844081

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF: 409297141104301509817753390759024787456.0/14

+ sign 694.726+/-0.000 χ^2/NDF: 437631008003960

Left Out: 699.529+/-0.000 χ^2/NDF:282828131309039092560883962644644495 36.0/11

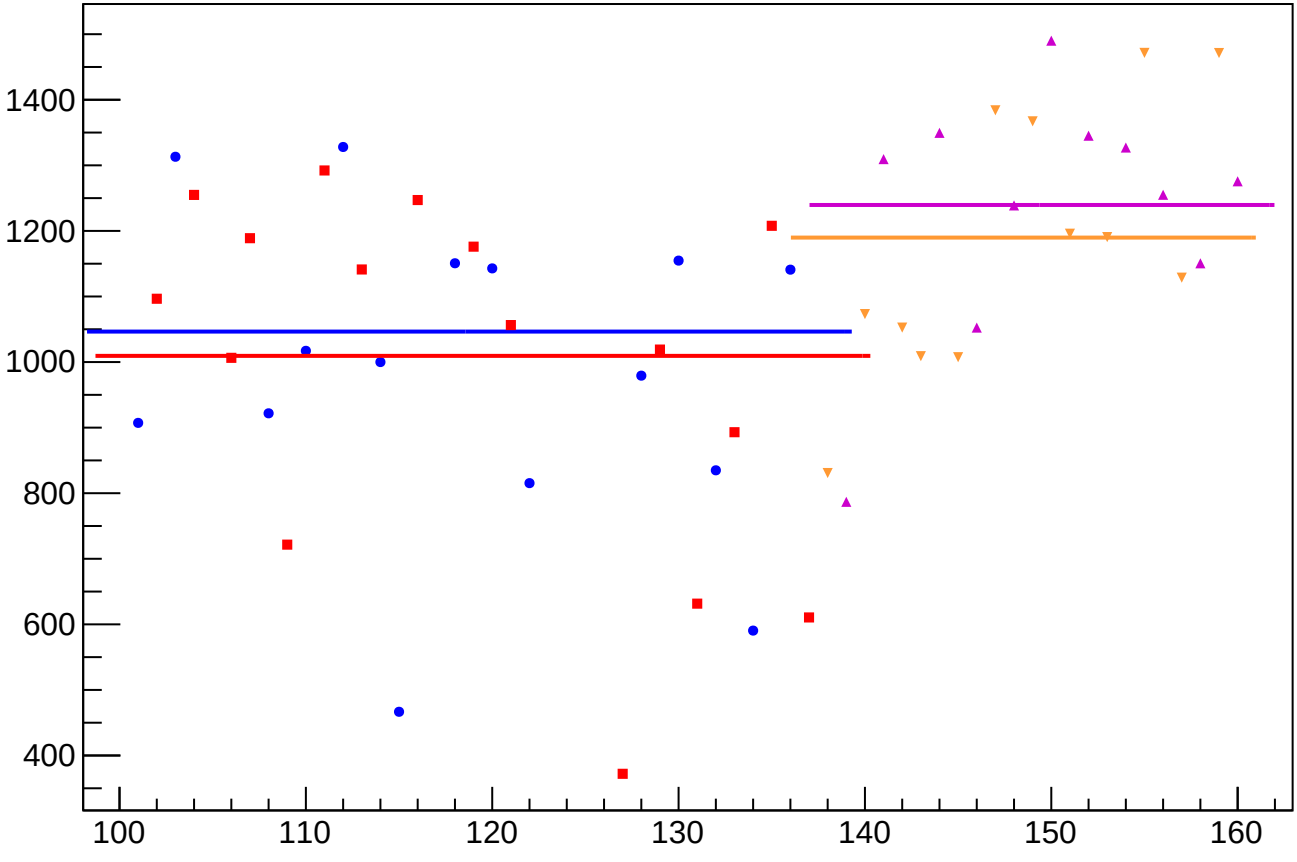
All: 786.917+/-0.000 χ^2/NDF: 24338266477 5

Right Out: 1092.265+/-0.000 χ^2/NDF: 188319814292960581345623381294694845 6448.0/15

- sign 877.659+/-0.000 χ^2/NDF: 196978539018965

Left In: 722.743+/-0.000 χ^2/NDF:336931371165139480778603304105352888 32.0/10

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

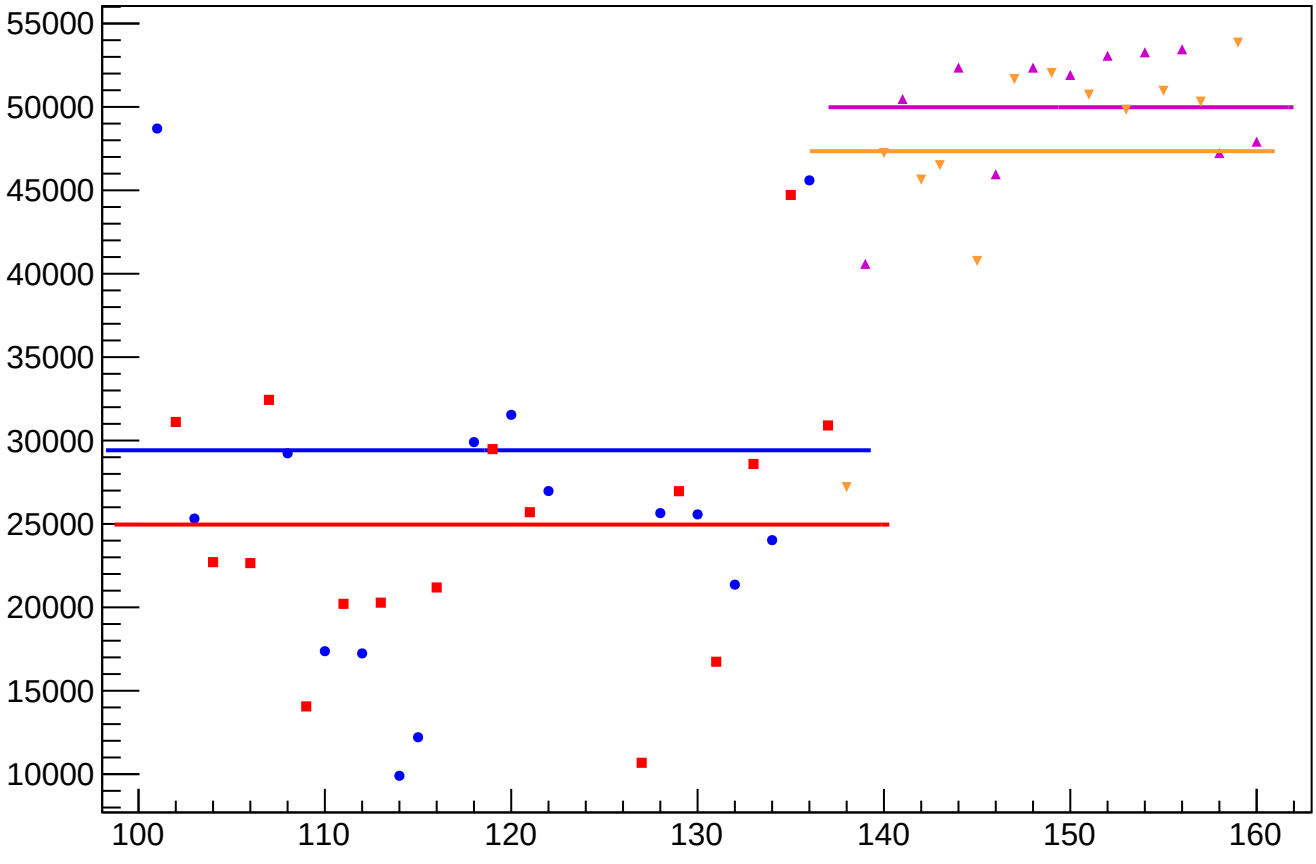
All: 1136.802+/-0.000 χ^2/NDF: 1625185360

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

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

Left Out: 47346.512+/-0.000 χ^2/NDF:4516187384513847129988968550714226769920 0.0/11

Right Out: 24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

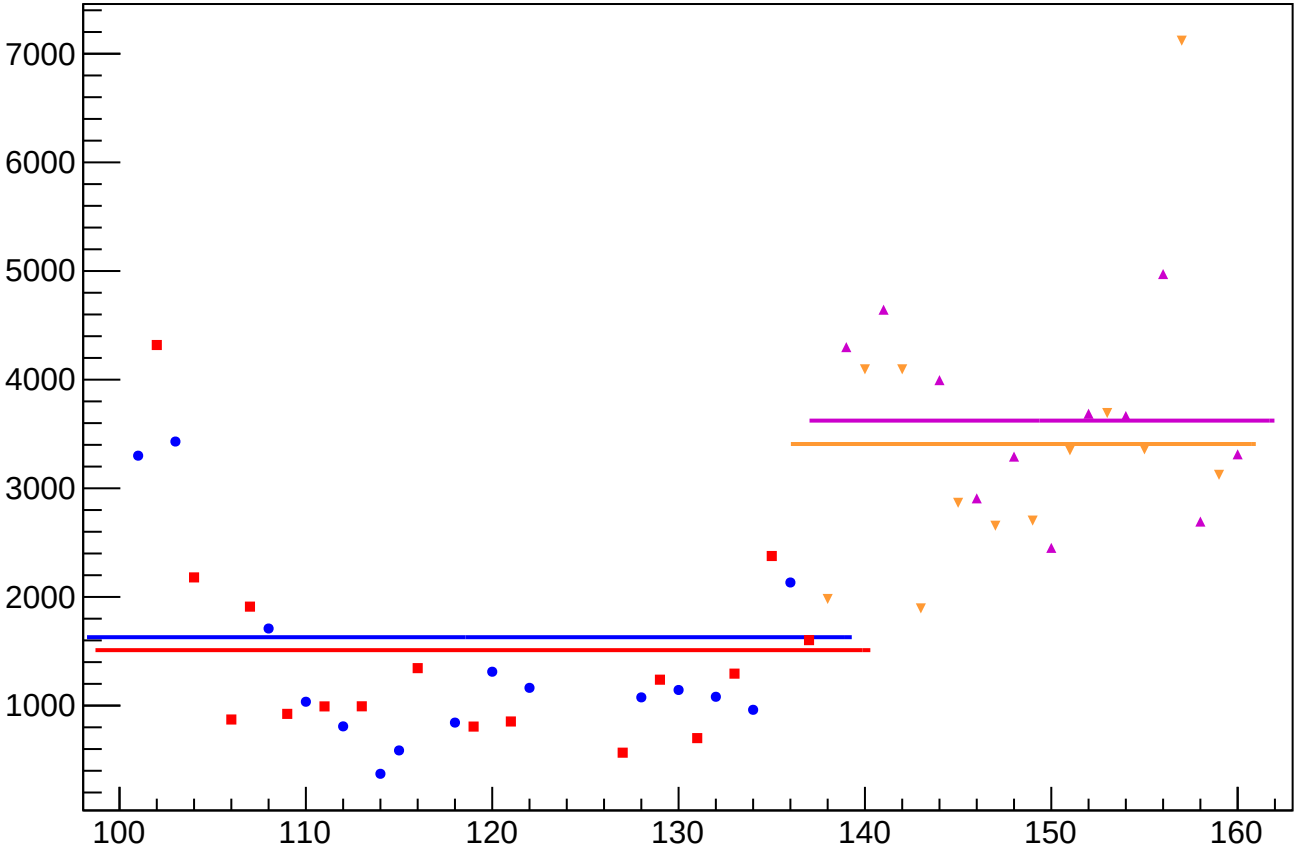
Left In: 49982.063+/-0.000 χ^2/NDF:1350582101930560384612112134471797021081 6.0/10

+ sign 39915.469+/-0.000 χ^2/NDF: 2391113044287

All: 39702.686+/-0.000 χ^2/NDF: 5408657163

- sign 39493.245+/-0.000 χ^2/NDF: 3016137188389

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Left Out: 3407.741+/-0.000 χ^2/NDF:1584870057929033939797166763050451075072.0/11

Right Out: 1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

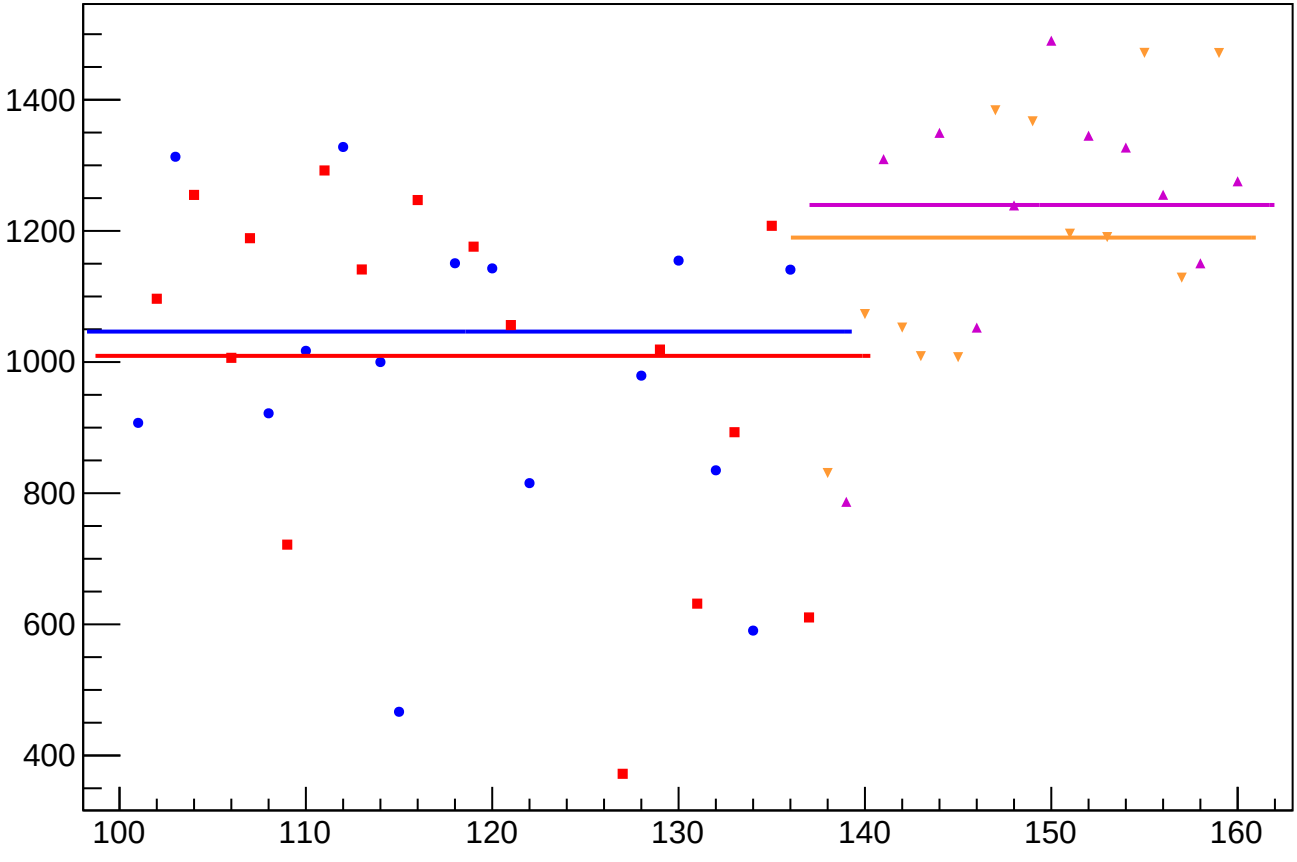
Left In: 3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

+ sign 2670.799+/-0.000 χ^2/NDF: 3338273124940 1

All: 2704.332+/-0.000 χ^2/NDF: 6296912722 1

- 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 1130.420+/-0.000 χ^2/NDF: 6816184607680

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051 6608.0/11

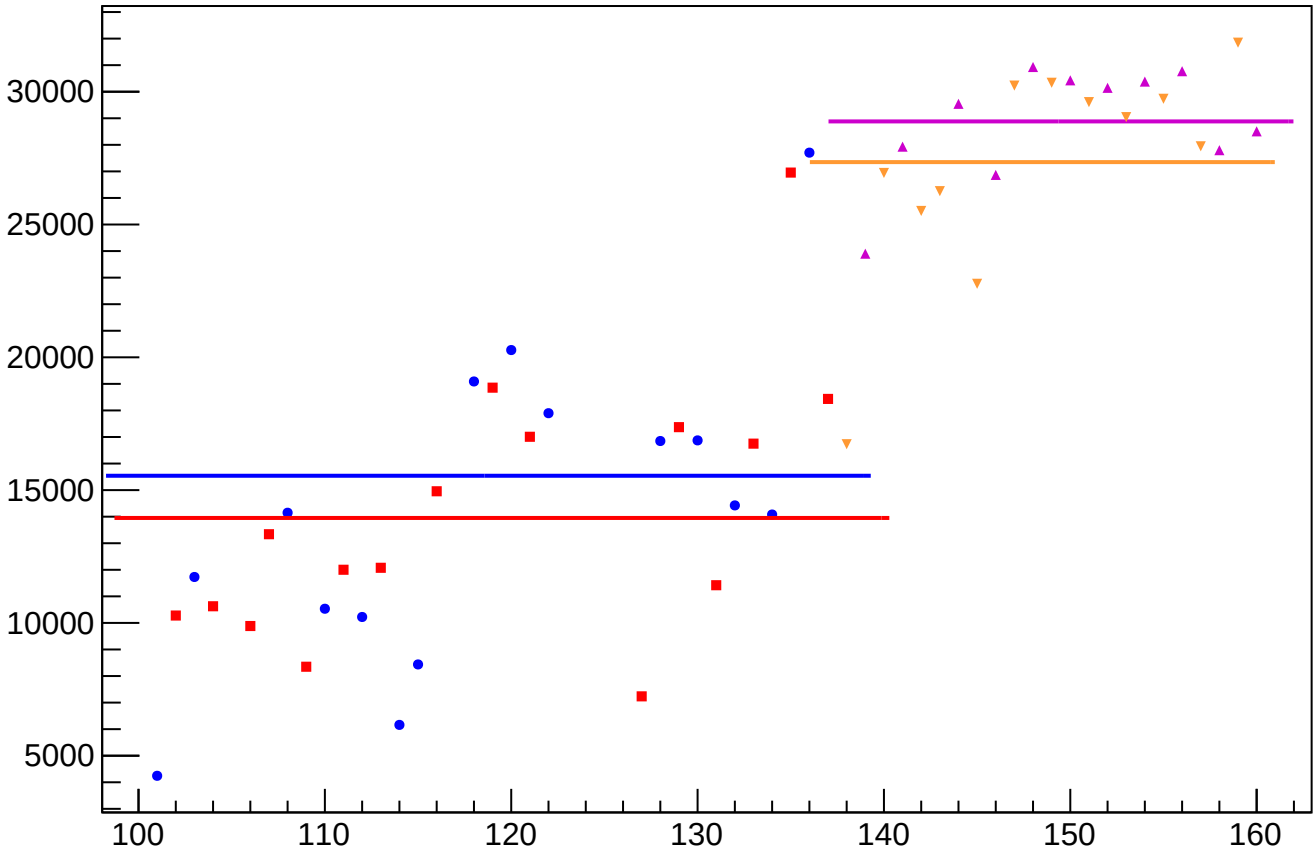
All: 1136.802+/-0.000 χ^2/NDF: 1625185360

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004 5696.0/10

dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

Left Out: 27349.847+/-0.000 χ^2/NDF:1488345691738606226777617231939371008000 0.0/11

Right Out: 13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

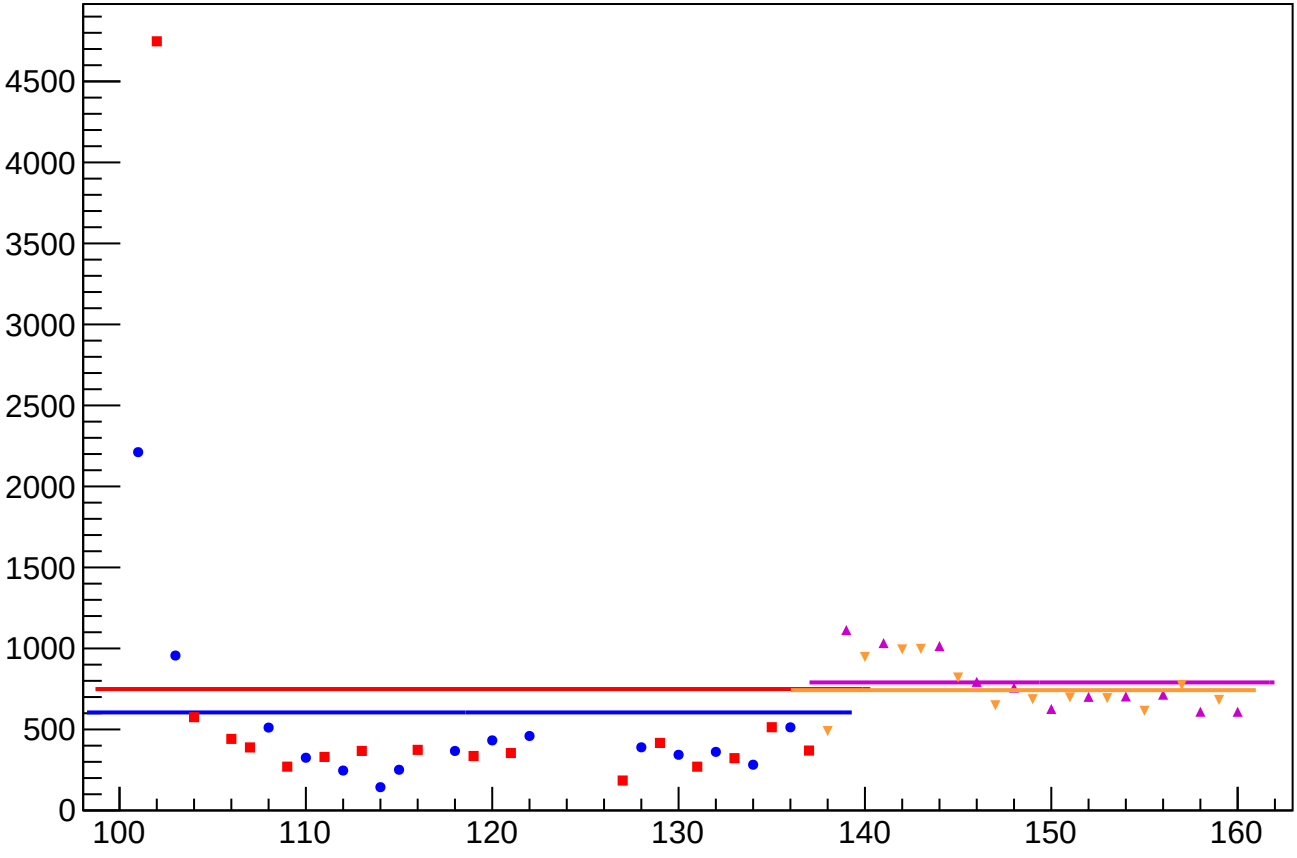
Left In: 28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10

+ sign 22455.798+/-0.000 χ^2/NDF: 952642940002 0

All: 22539.875+/-0.000 χ^2/NDF: 2023487718

- sign 22622.631+/-0.000 χ^2/NDF: 1070625118466

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14

Left Out: 742.547+/-0.000 χ^2/NDF:191330728406604744374850497810530304 00.0/11

Right Out: 749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418 8928.0/15

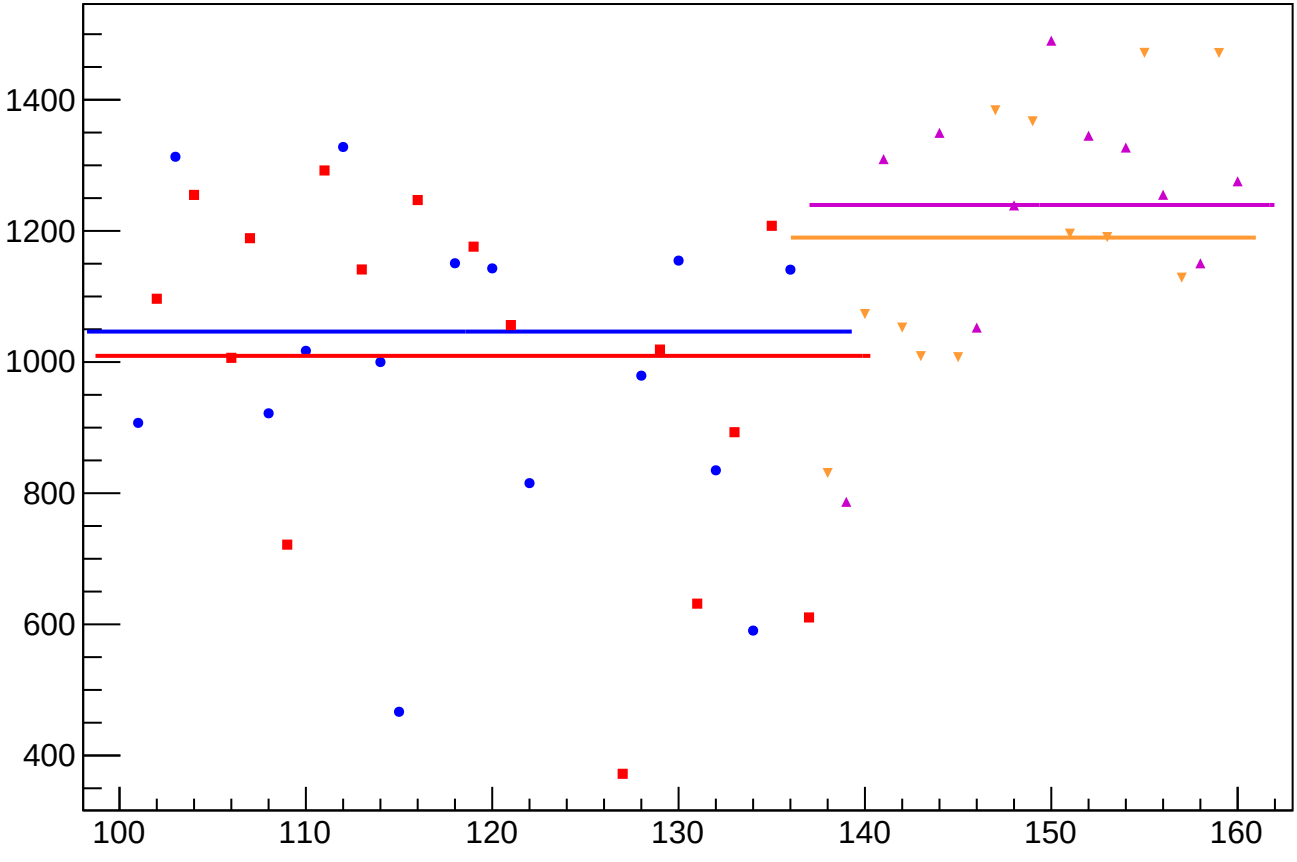
Left In: 790.283+/-0.000 χ^2/NDF:273759951630115601013491669494378004 48.0/10

+ sign 685.557+/-0.000 χ^2/NDF: 215721008292600

All: 729.736+/-0.000 χ^2/NDF: 127116228852

- sign 773.220+/-0.000 χ^2/NDF: 104937647672496

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

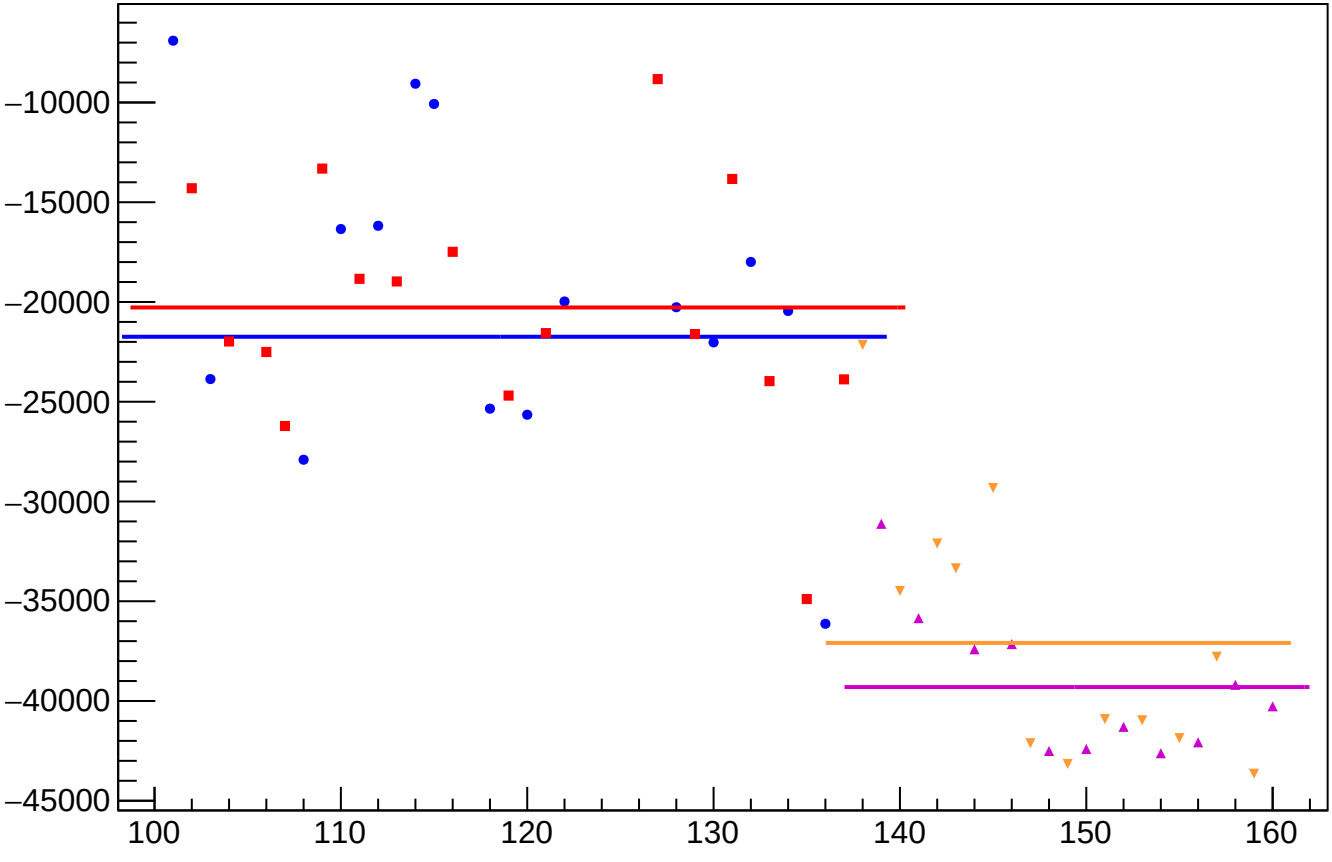
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

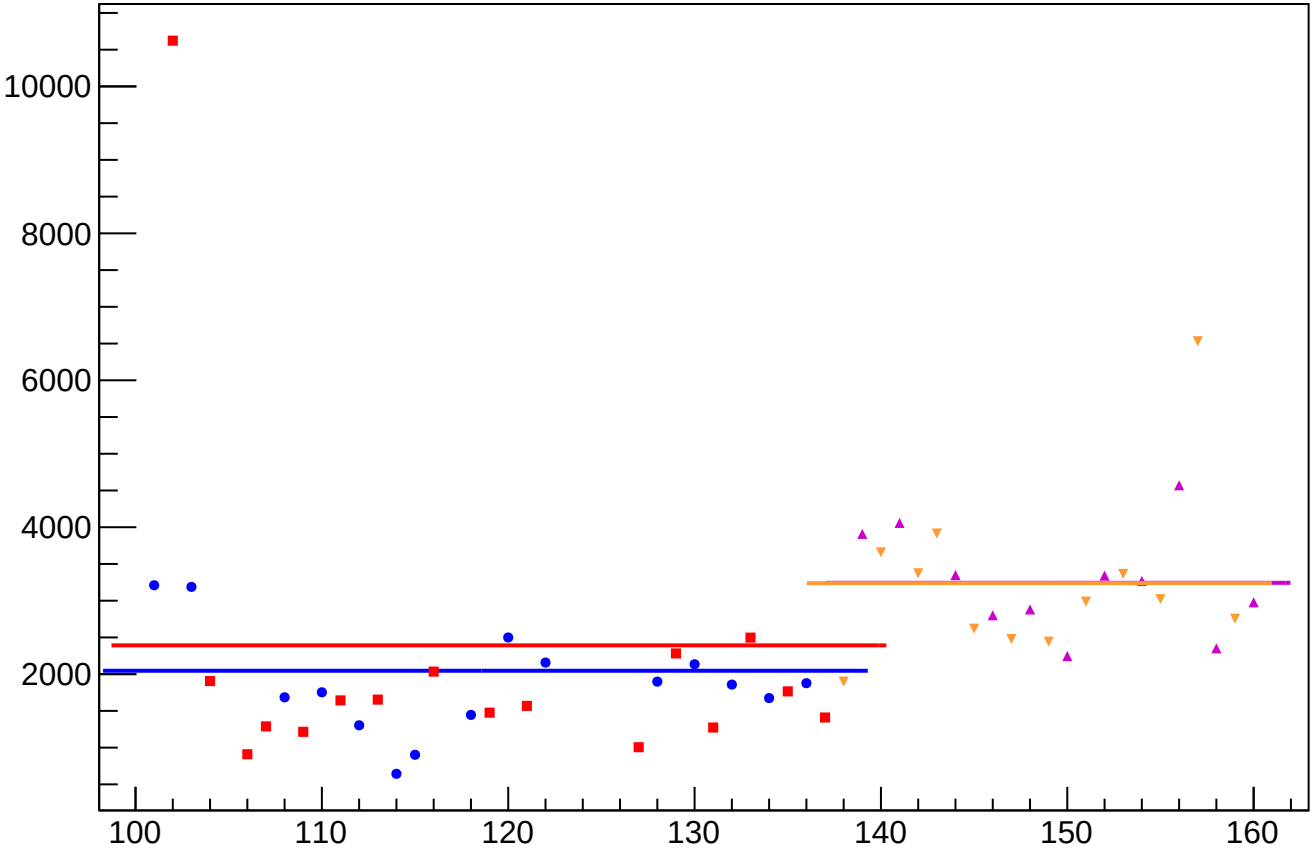
- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
+ sign -30729.295+/-0.000 χ^2/NDF: 168297424494
Left Out: -37089.024+/-0.000 χ^2/NDF:37696615174692315635920208068597564571648.0/11
All: -31029.487+/-0.000 χ^2/NDF: 345624834
Right Out: -20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15
- sign -31324.961+/-0.000 χ^2/NDF: 1770473871176
Left Out: -39301.203+/-0.000 χ^2/NDF:10890557195828480655850873156116452212736.0/10

dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

Left Out: 3238.684+/-0.000 χ^2/NDF:120093539003484706140361062185464915558 4.0/11

Right Out: 2391.939+/-0.000 χ^2/NDF: 441529496478977881525935754457949981 9008.0/15

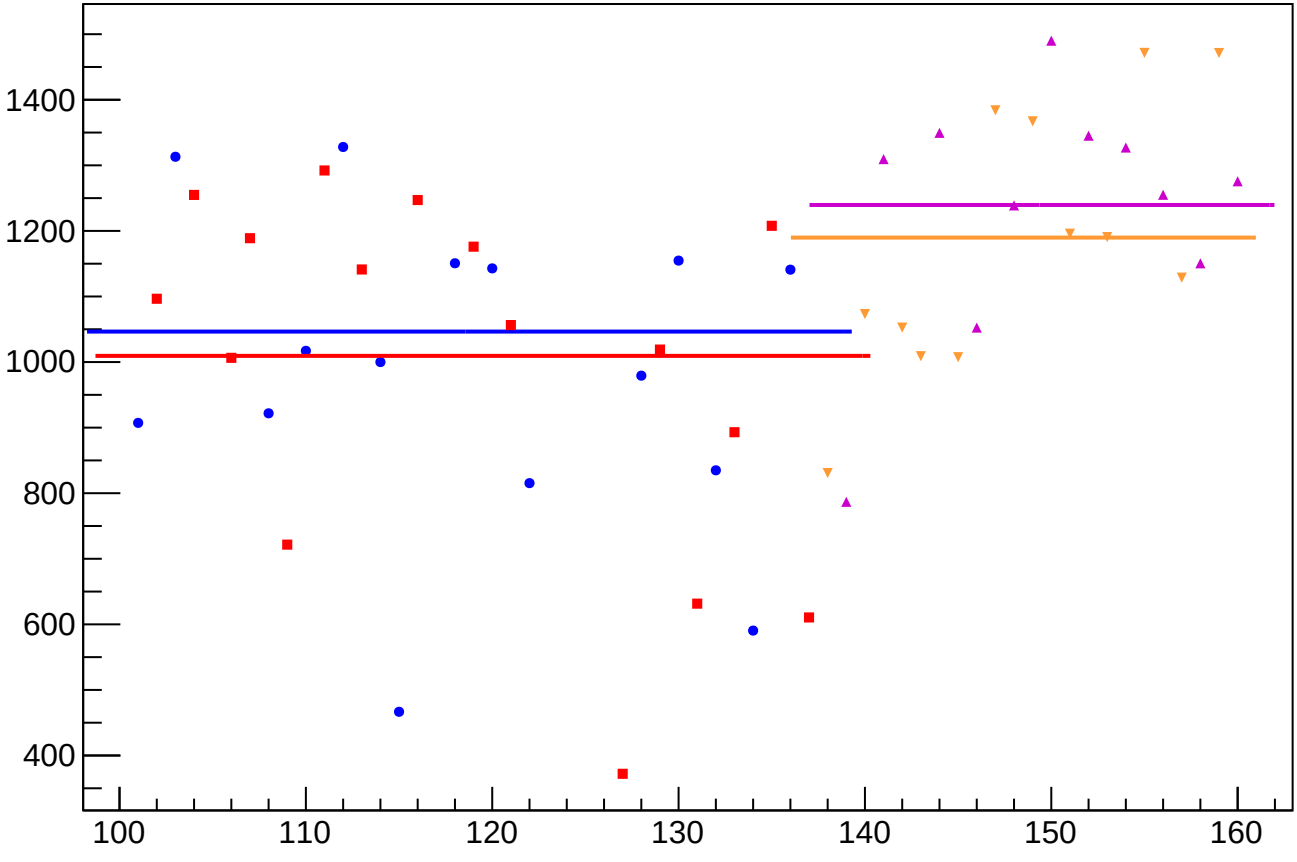
Left In: 3243.479+/-0.000 χ^2/NDF:422752345809564414875941115453230809088.0/10

+ sign 2744.544+/-0.000 χ^2/NDF: 20077660522649

All: 2816.077+/-0.000 χ^2/NDF: 7142604682 4

- sign 2886.485+/-0.000 χ^2/NDF: 51189384320628

dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

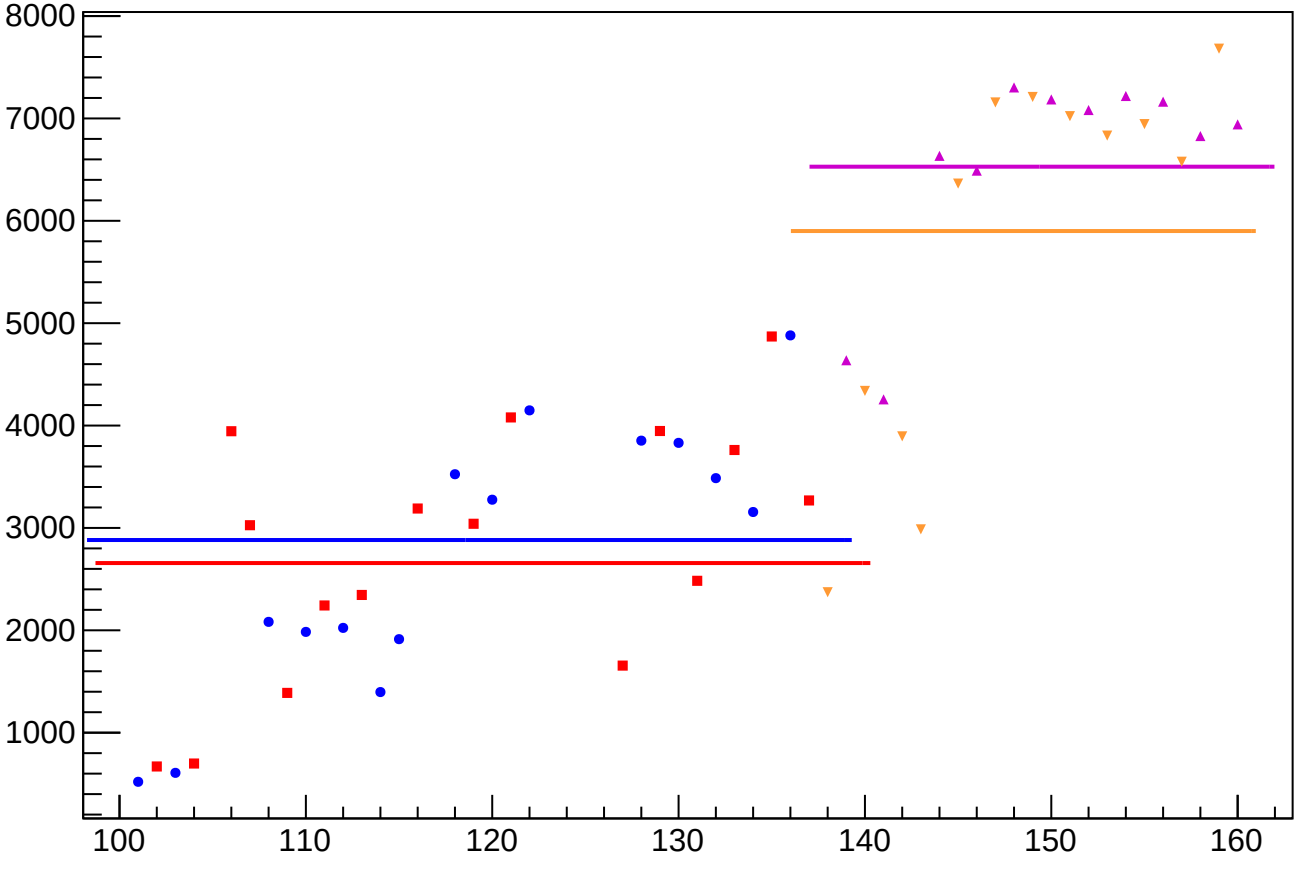
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_sam1_coil1_mean vs Slug



Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14

Left Out: 5900.145+/-0.000 χ^2/NDF:2757689906494435175416115853599080185856.0/11

Right Out: 2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

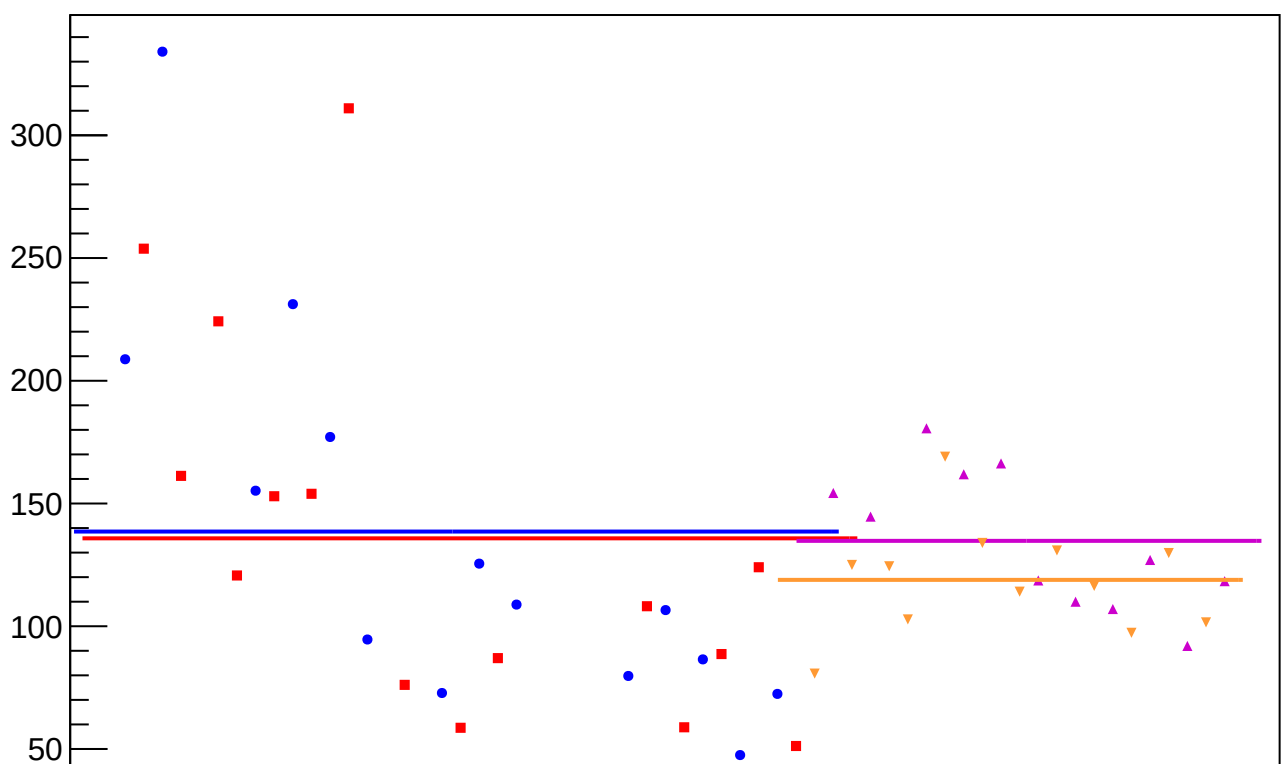
Left In: 6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10

+ sign 4649.303+/-0.000 χ^2/NDF: 75399616653013

All: 4778.421+/-0.000 χ^2/NDF: 1541699392 6

- sign 4905.510+/-0.000 χ^2/NDF: 78252276547187

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Left Out: 118.892+/-0.000 χ^2/NDF:4413313406022383777987486660878663 68.0/11

Right Out: 135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736 43776.0/15

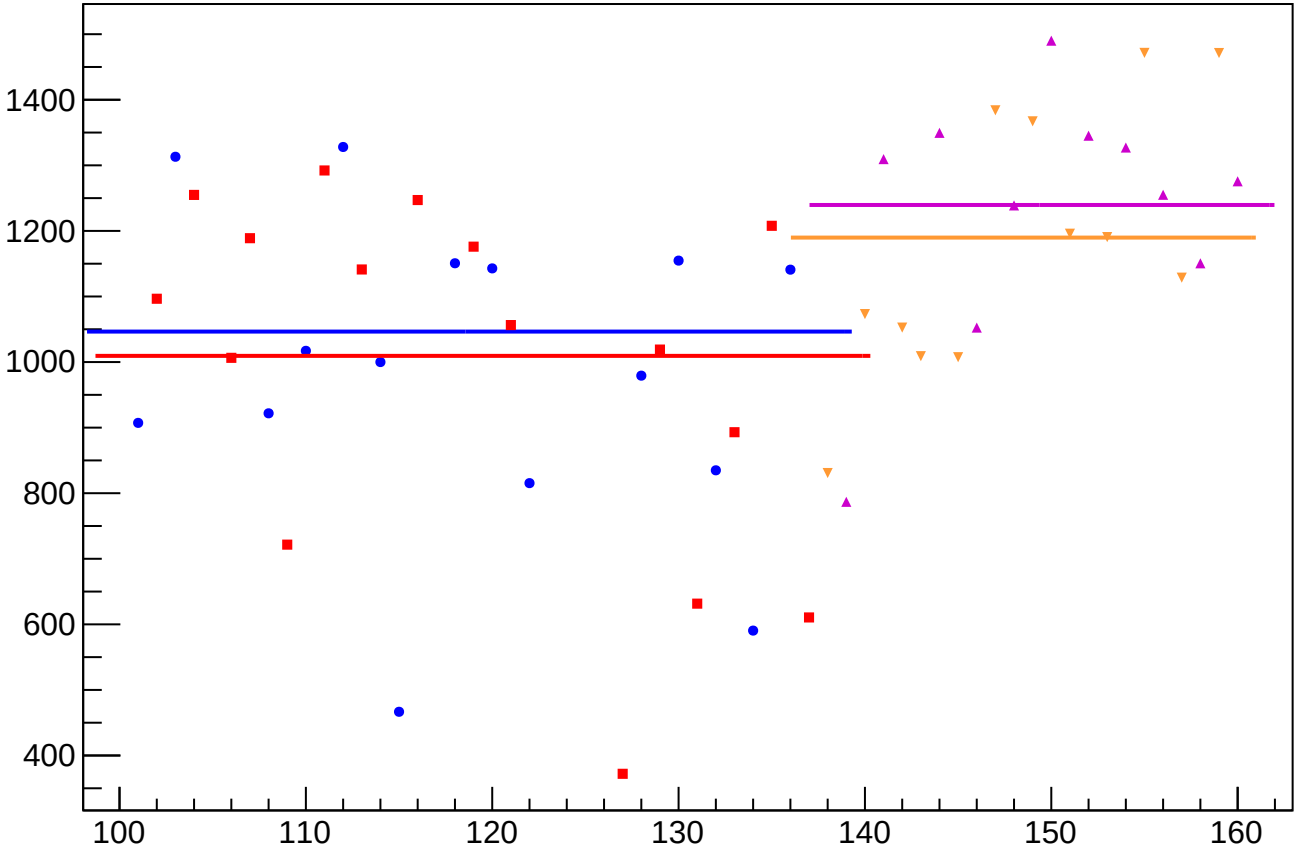
Left In: 134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

+ sign 127.050+/-0.000 χ^2/NDF: 48309705520397 5

All: 131.165+/-0.000 χ^2/NDF: 953019186952

- sign 135.214+/-0.000 χ^2/NDF: 464661599123883

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

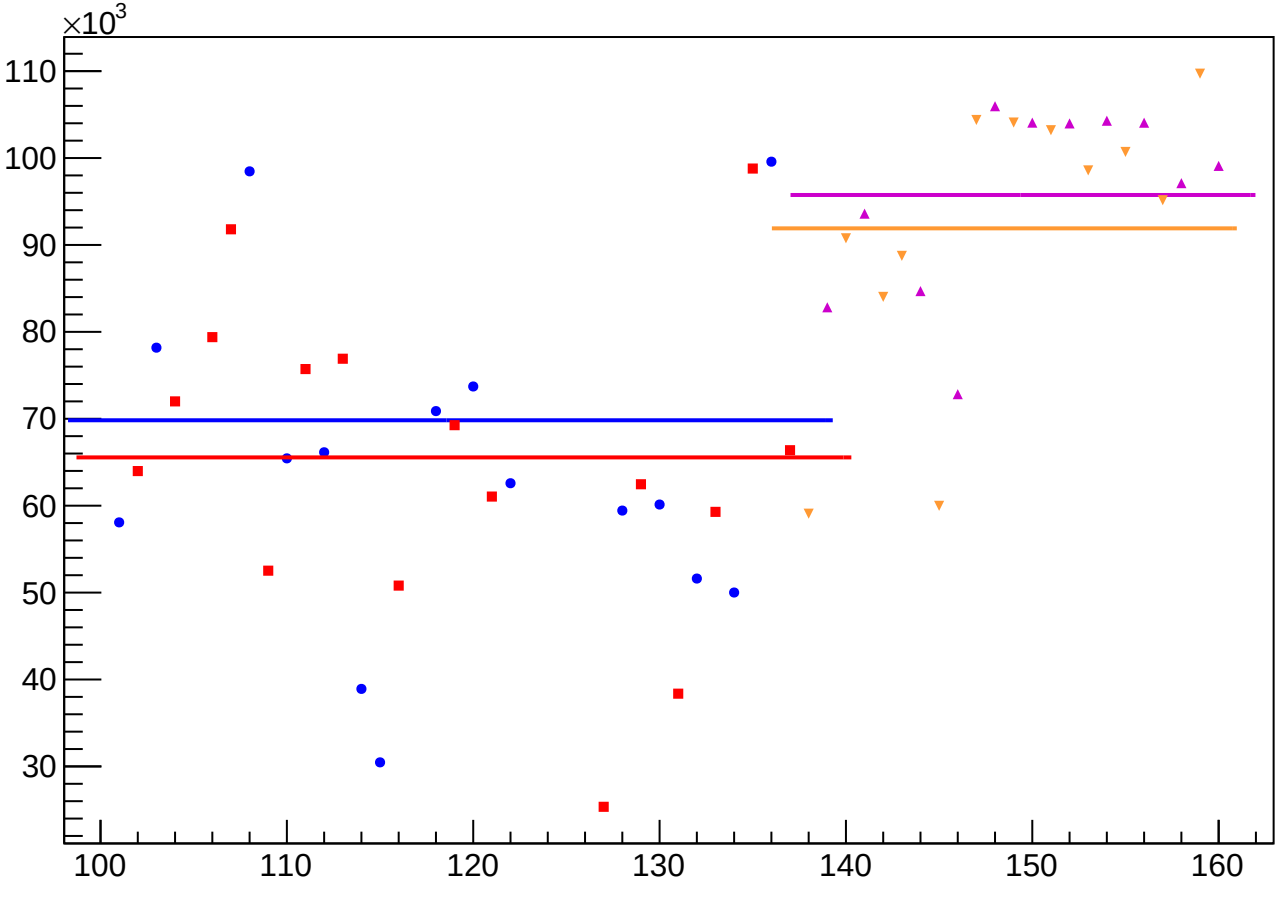
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

Left Out: 91909.028+/-0.000 χ^2/NDF:2407928759769109623097518244225138106040 32.0/11

Right Out: 65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959997416734 72.0/15

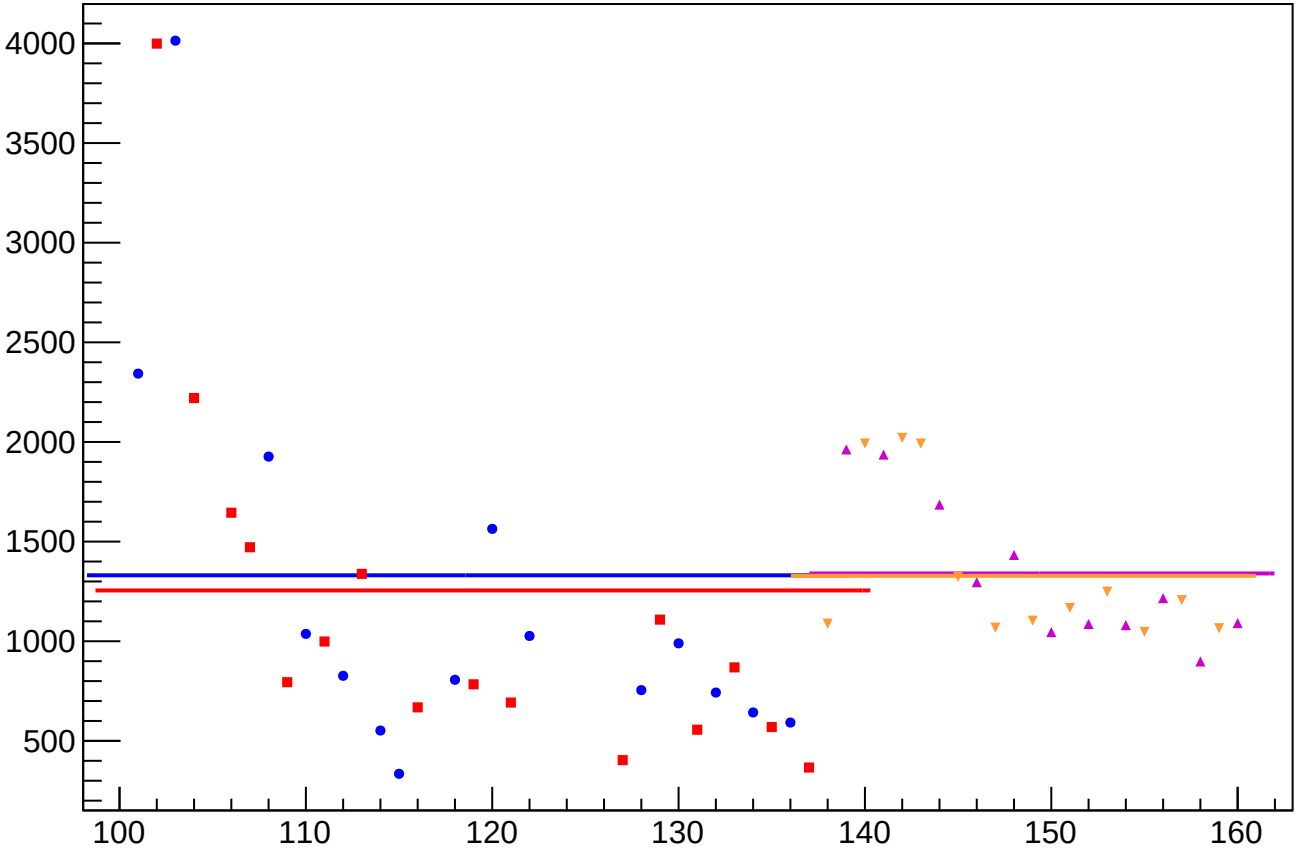
Left In: 95749.411+/-0.000 χ^2/NDF:1023767618815302714273402847386938260848 64.0/10

+ sign 82757.866+/-0.000 χ^2/NDF: 613893402345

All: 82925.739+/-0.000 χ^2/NDF: 1281523212

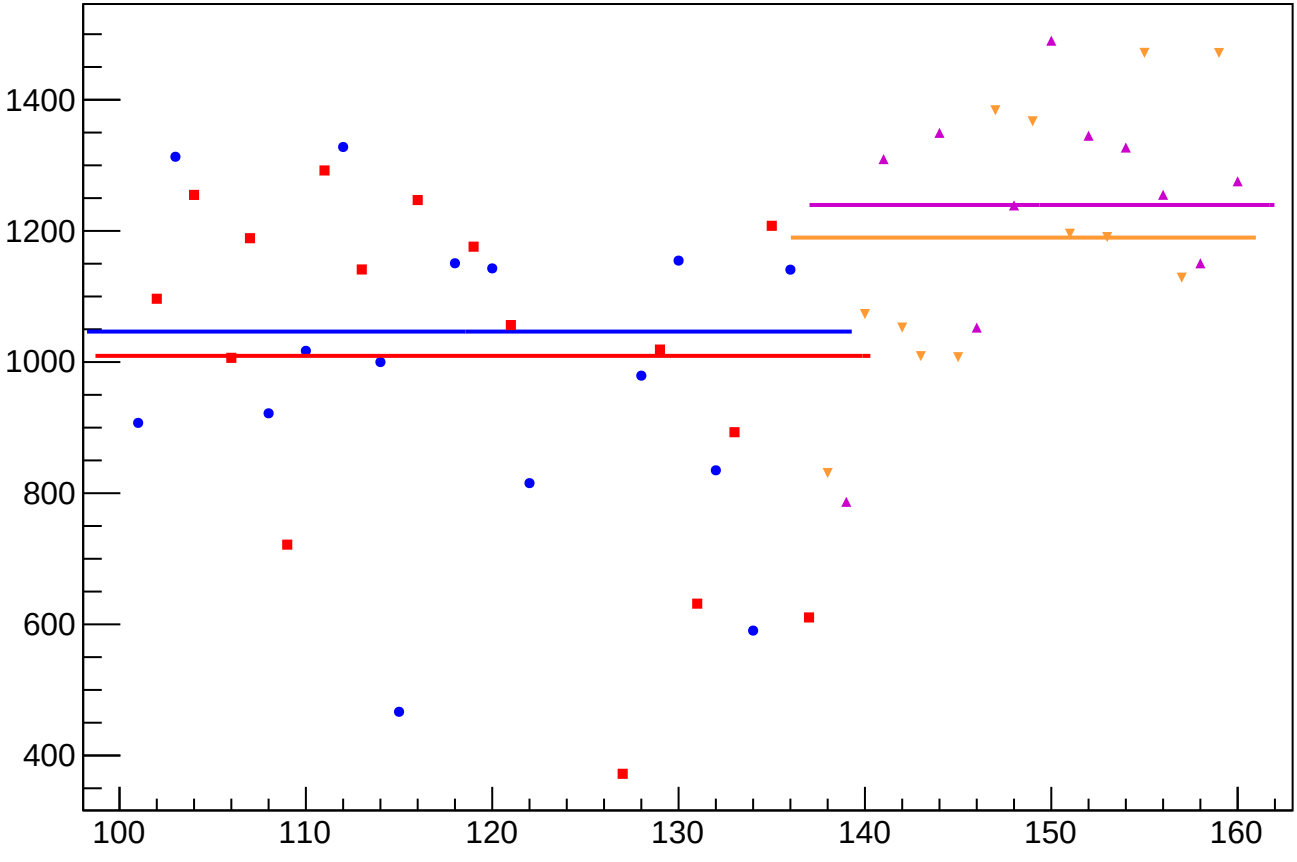
- sign 83090.974+/-0.000 χ^2/NDF: 6675423024903

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
+ sign 1329.406+/-0.000 χ^2/NDF: 7668302139933 9
Left Out: 1328.309+/-0.000 χ^2/NDF:1173462879673869583038597951016235171 84.0/11
All: 1316.814+/-0.000 χ^2/NDF: 1516487430 5
Right Out: 1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15
- sign 1304.419+/-0.000 χ^2/NDF: 7491644636116 1
Left In: 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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

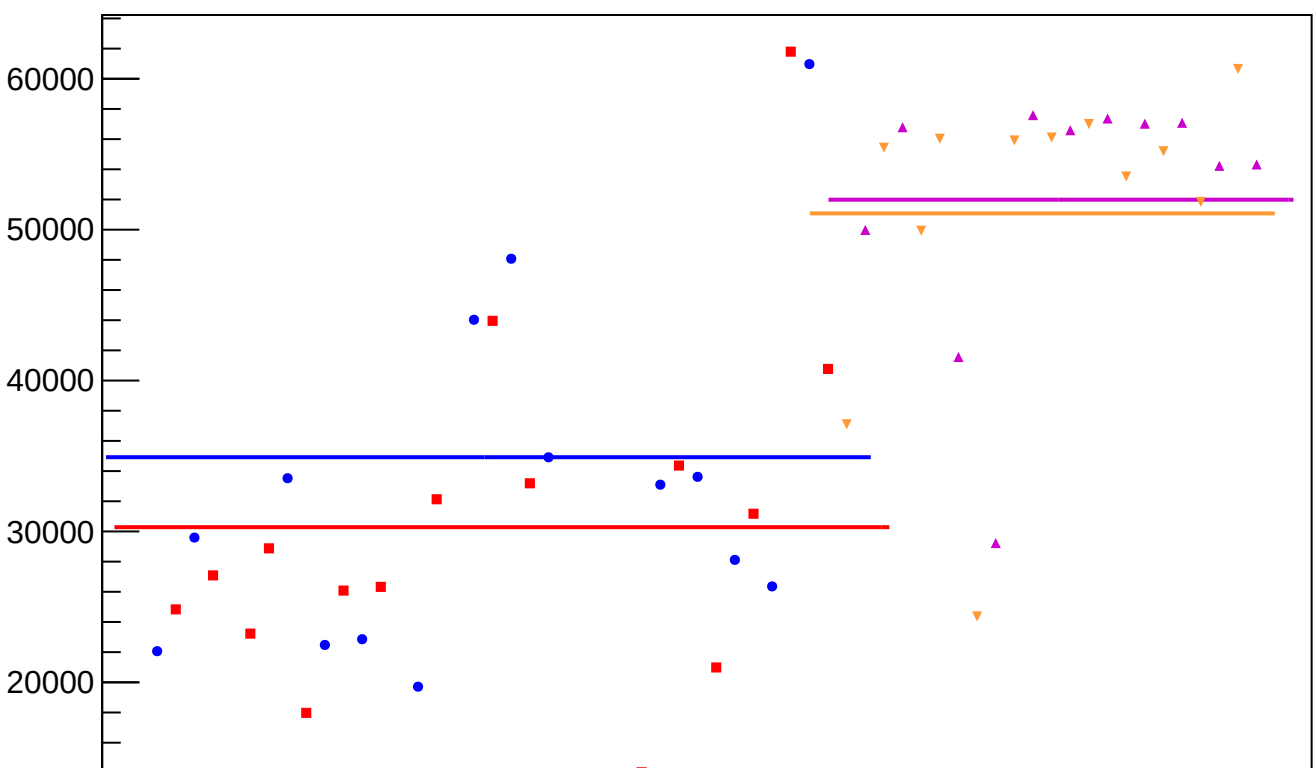
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Left Out: 51078.913+/-0.000 χ^2/NDF:9217156618363200836749039955310202689945 6.0/11

Right Out: 30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

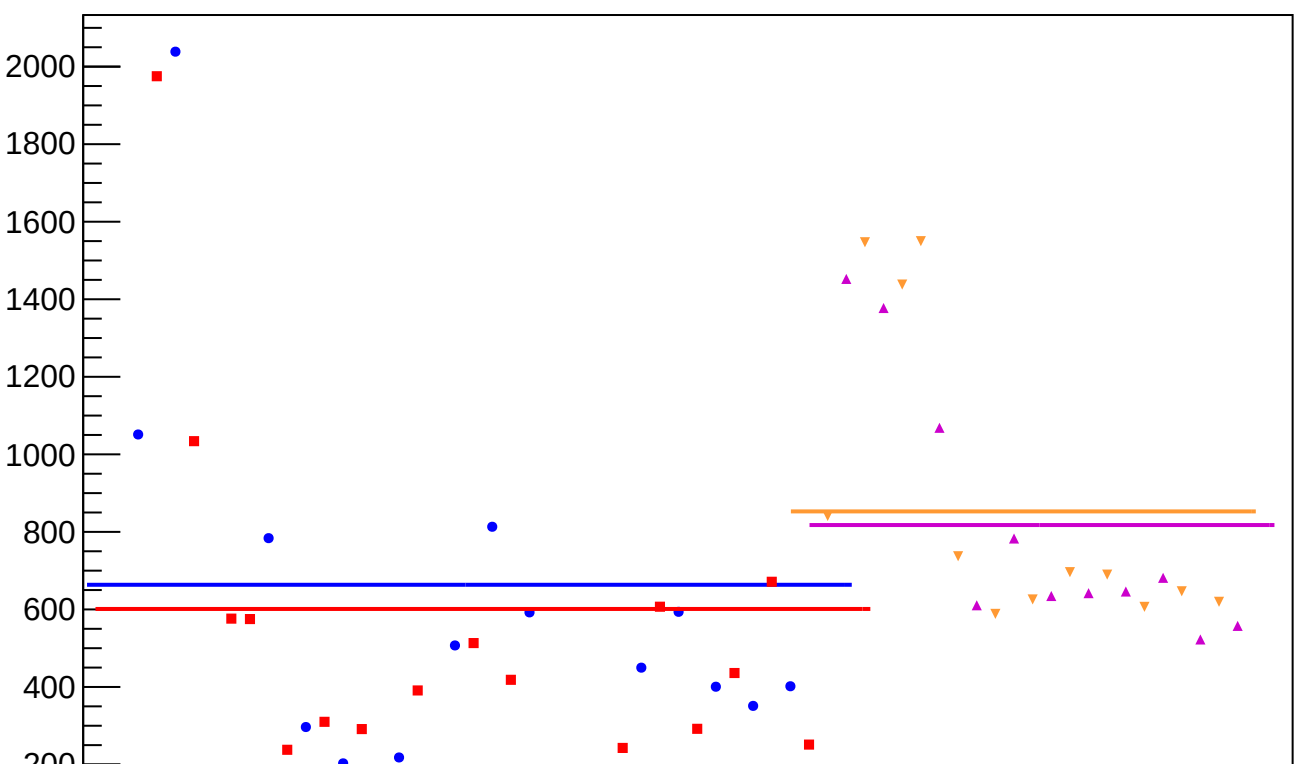
Left In: 51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

+ sign 44382.030+/-0.000 χ^2/NDF: 2977932631162

All: 43628.472+/-0.000 χ^2/NDF: 6375363516

- 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: 157691812872720822886914966597312446464.0/14

+ sign 774.395+/-0.000 χ^2/NDF: 286695061420432

Left Out: 852.828+/-0.000 χ^2/NDF:115391521173207267272974066416613326848.0/11

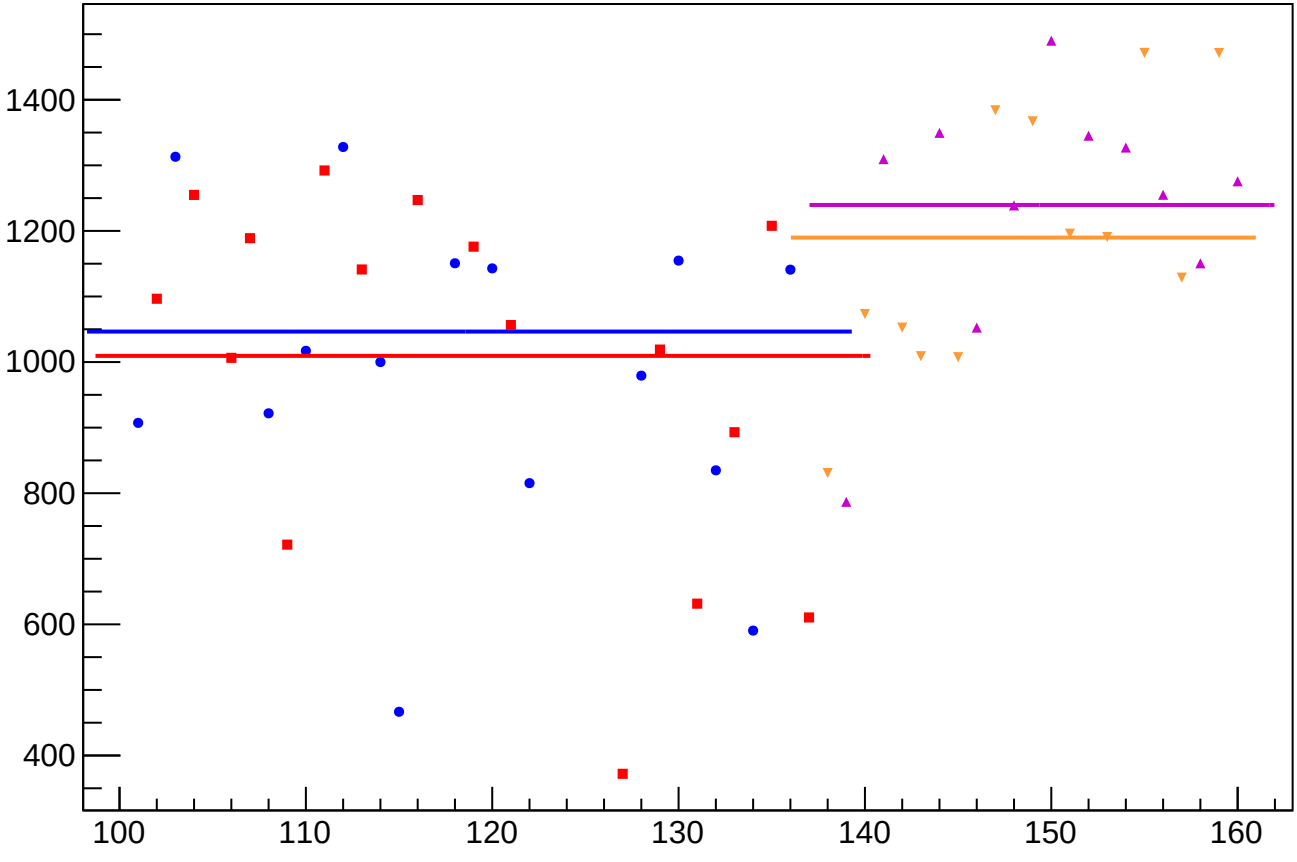
All: 750.468+/-0.000 χ^2/NDF: 54676844274

Right Out: 601.216+/-0.000 χ^2/NDF: 149717884331889332339995334350831878144.0/15

- sign 726.918+/-0.000 χ^2/NDF: 258294460548114

Left In: 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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

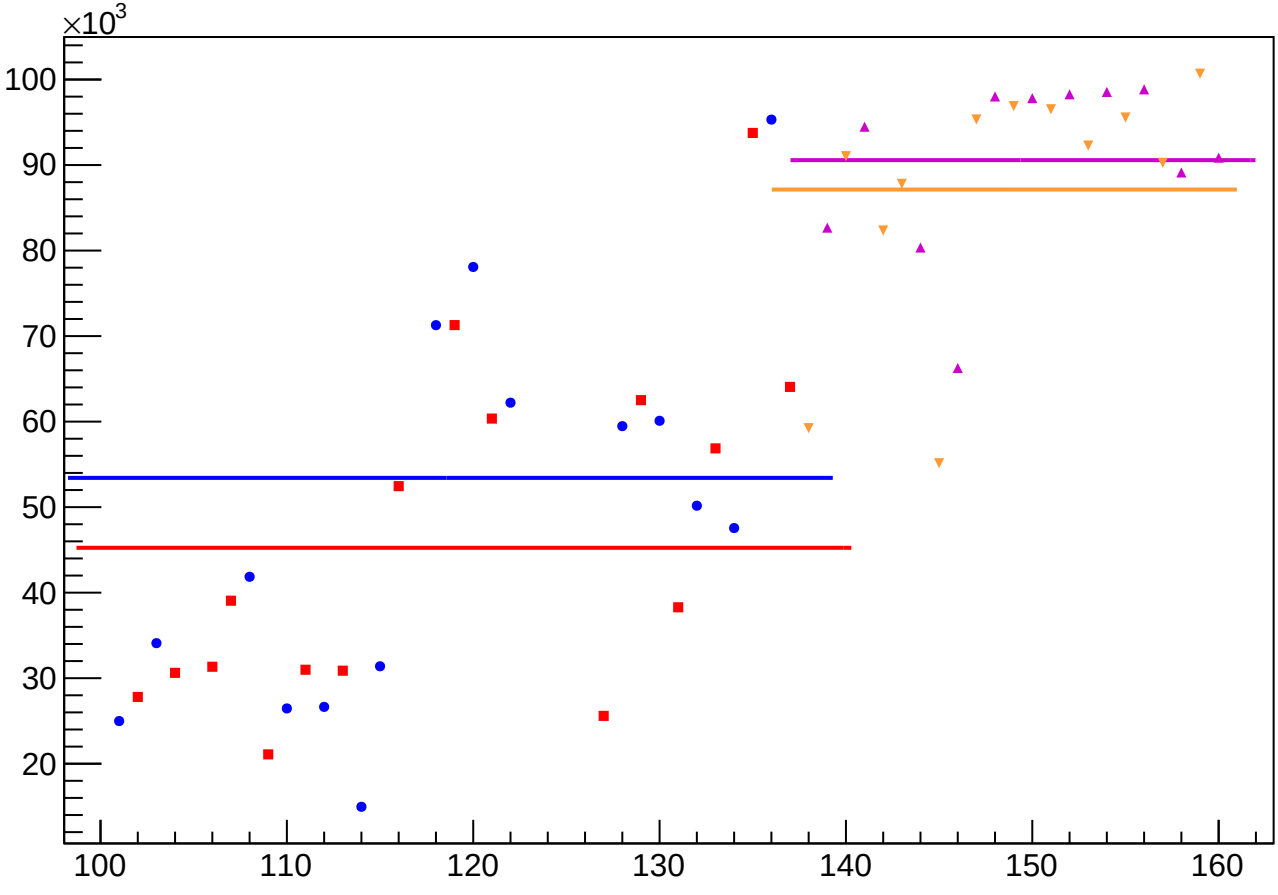
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF: 3606357573151338001337511231677773465518 08.0/14

Left Out: 87135.960+/-0.000 χ^2/NDF:1893917413442907214132330987750189443317 76.0/11

Right Out: 45247.617+/-0.000 χ^2/NDF: 2860601964880344302157846133740555479285 76.0/15

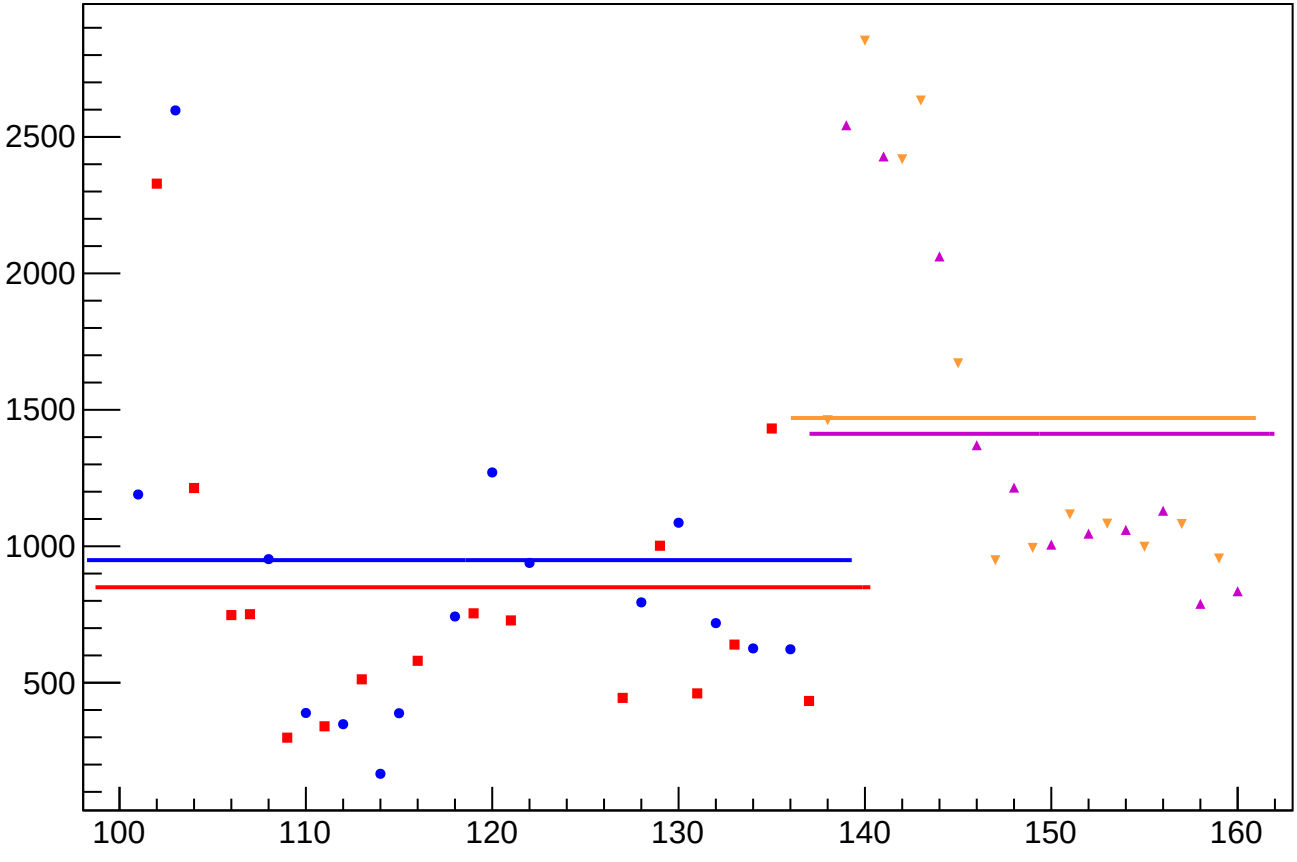
Left In: 90573.760+/-0.000 χ^2/NDF:9057408139435422159394926231240668558131 2.0/10

+ sign 73164.015+/-0.000 χ^2/NDF: 9819742199797

All: 72361.470+/-0.000 χ^2/NDF: 2156448796

- sign 71571.537+/-0.000 χ^2/NDF: 1172473175377

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

+ sign 1254.262+/-0.000 χ^2/NDF: 7344275517658 8

Left Out: 1470.170+/-0.000 χ^2/NDF:4055903751566501722805072119613337108 48.0/11

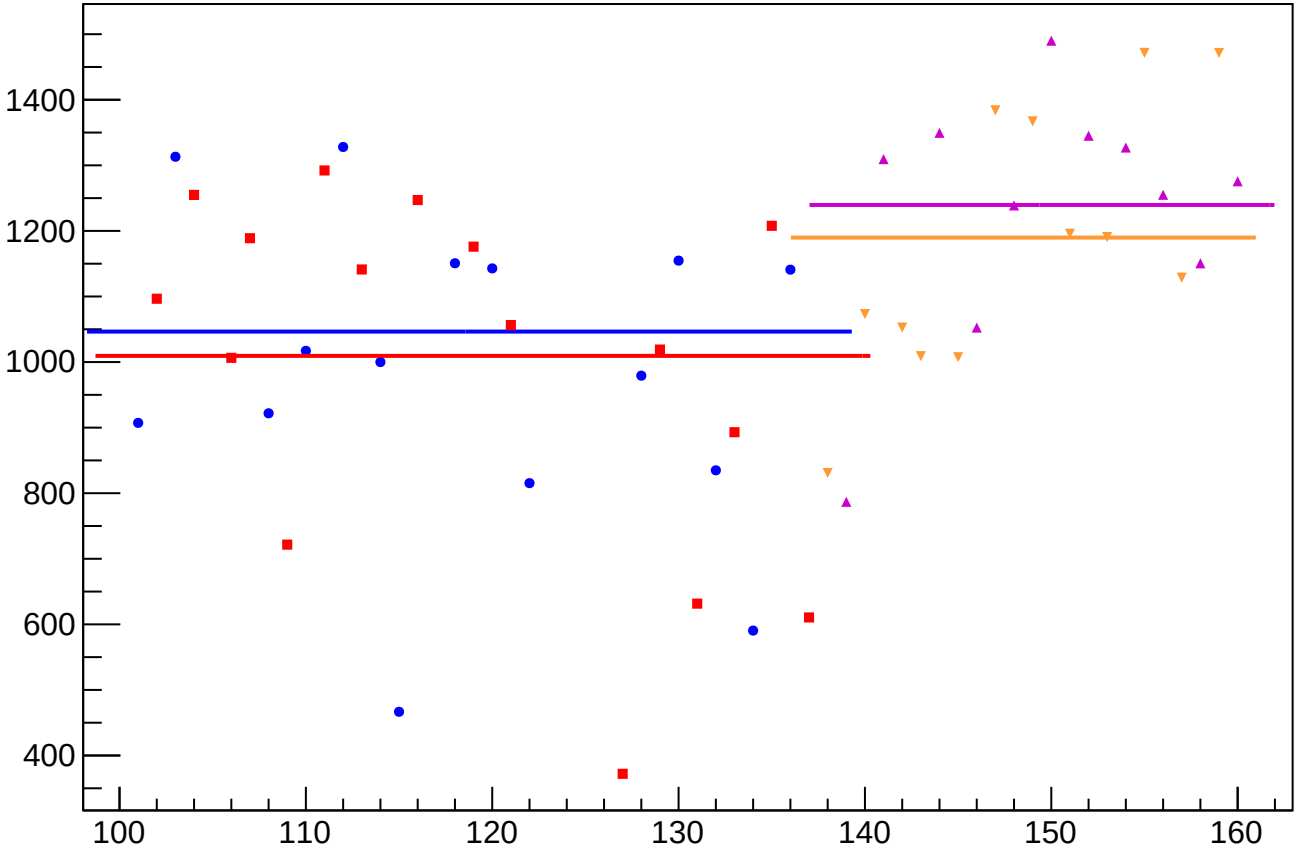
All: 1215.036+/-0.000 χ^2/NDF: 1398866080 9

Right Out: 849.827+/-0.000 χ^2/NDF: 204622224261577247702227312745197338624.0/15

- sign 1176.426+/-0.000 χ^2/NDF: 65965720923462

Left In: 1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560 35072.0/10

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

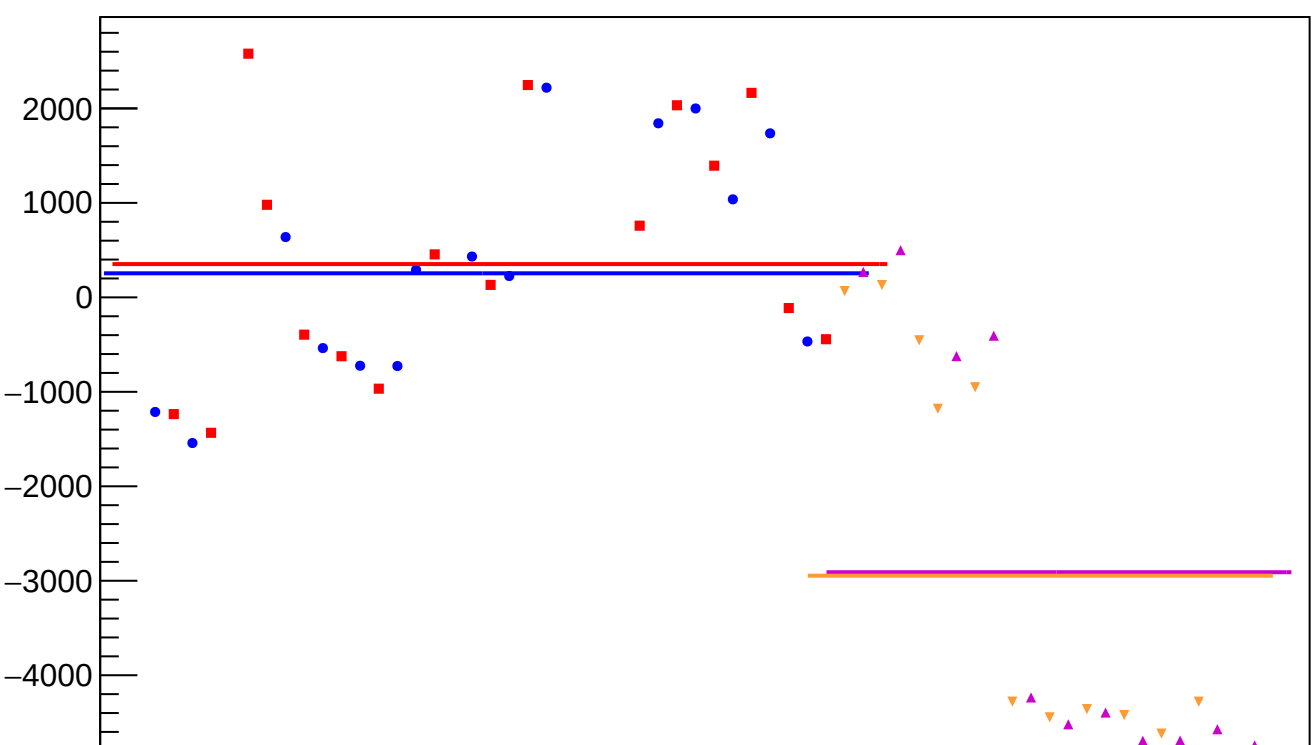
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

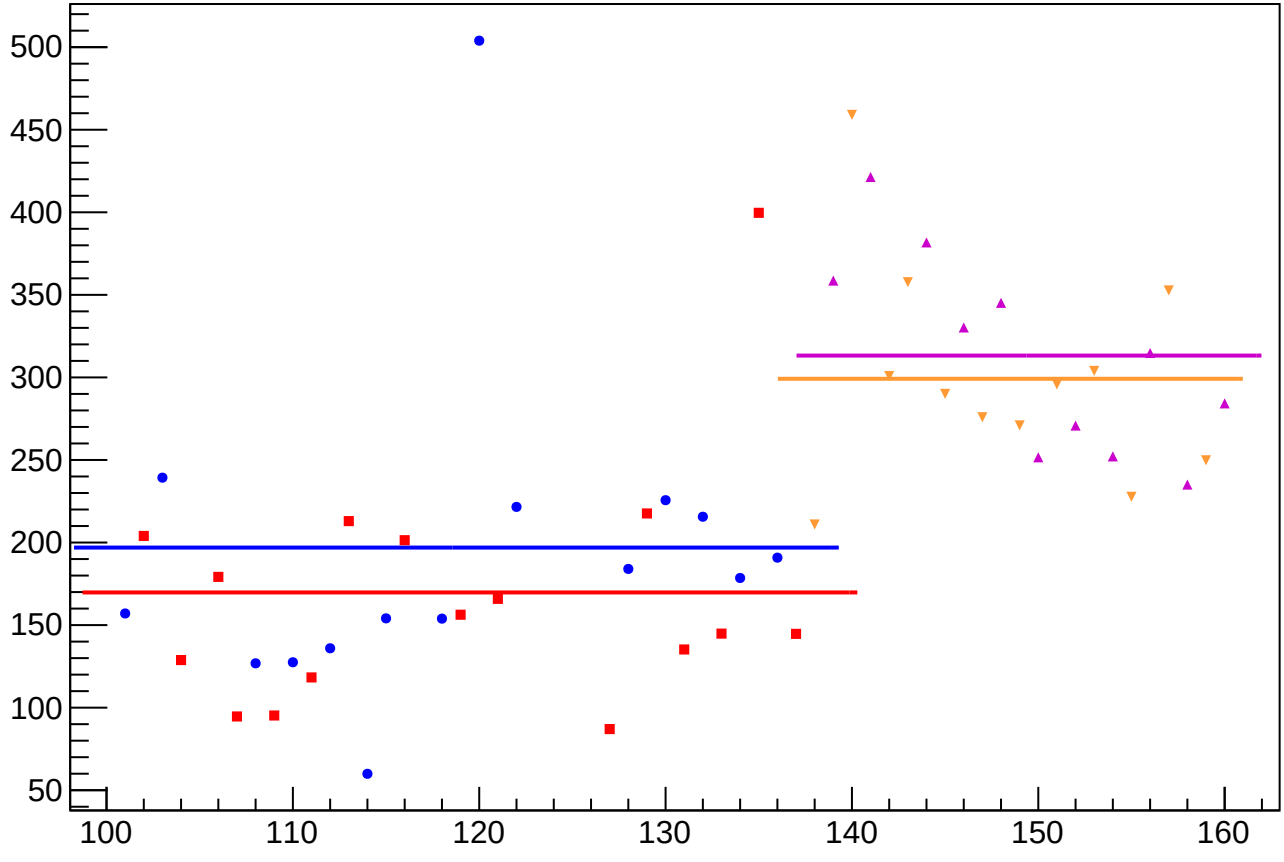
- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
+ sign -1619.770+/-0.000 χ^2/NDF: 8603275870945
Left Out: -2946.326+/-0.000 χ^2/NDF:3731127313953628227585948865105357701120.0/11
All: -1580.611+/-0.000 χ^2/NDF: 1820768736
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: 299.172+/-0.000 χ^2/NDF:388038126454320050045502903088997990 4.0/11

Right Out: 169.778+/-0.000 χ^2/NDF: 389260944549484578449355864638541004 8.0/15

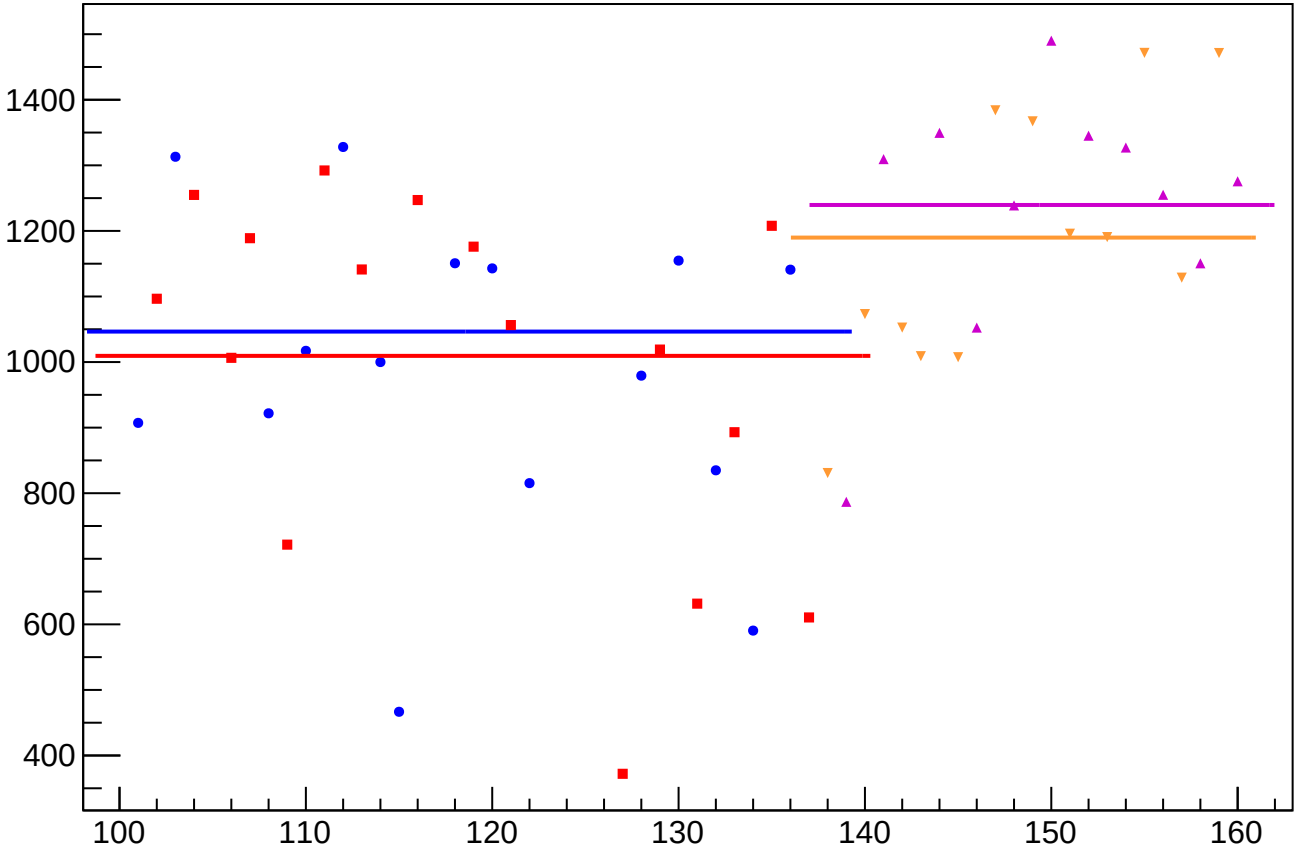
Left In: 313.228+/-0.000 χ^2/NDF:307906170184356071477452976814240563 2.0/10

+ sign 256.810+/-0.000 χ^2/NDF: 12336278810939 1

All: 254.935+/-0.000 χ^2/NDF: 27290107414 3

- sign 253.089+/-0.000 χ^2/NDF: 149429007533601

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

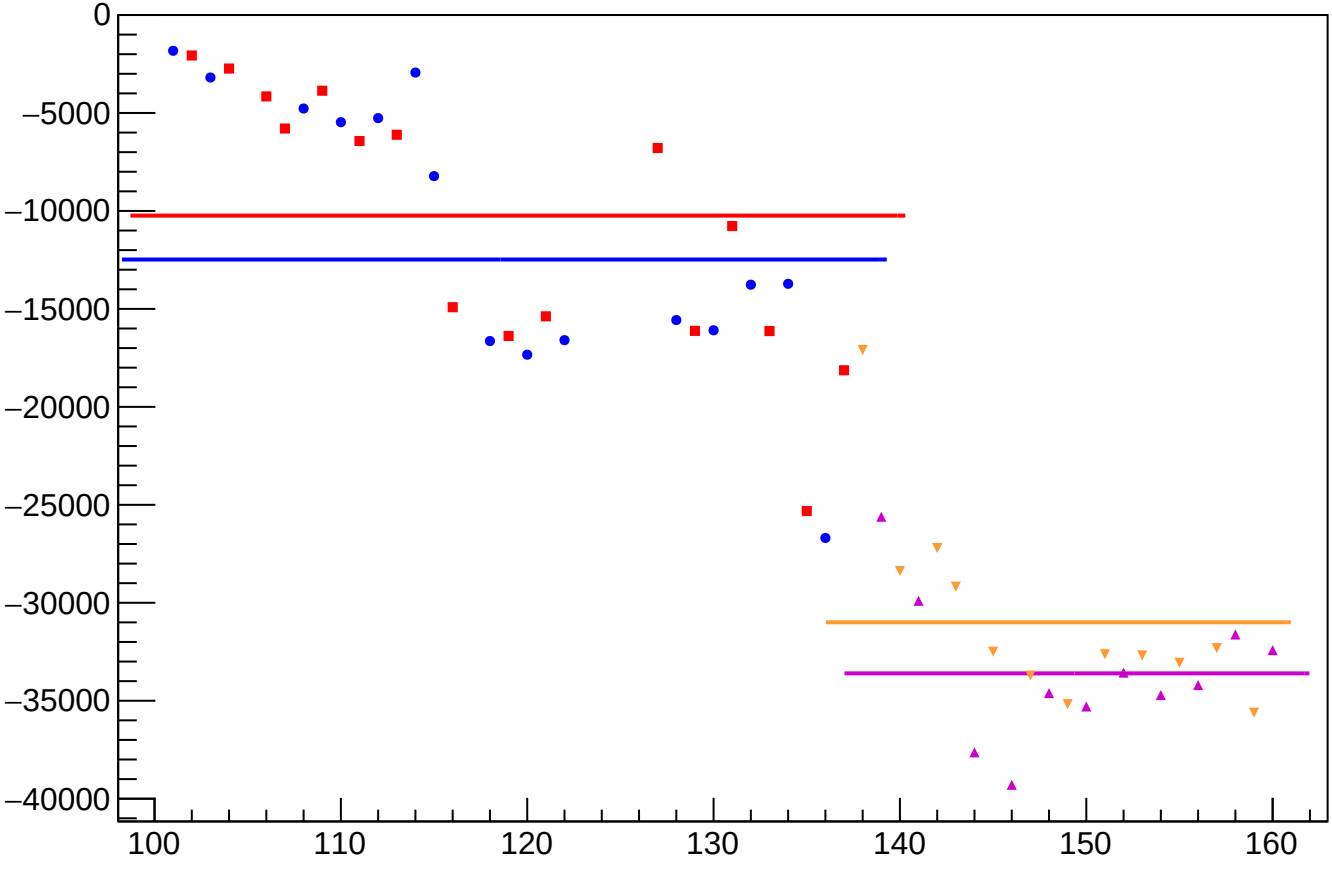
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

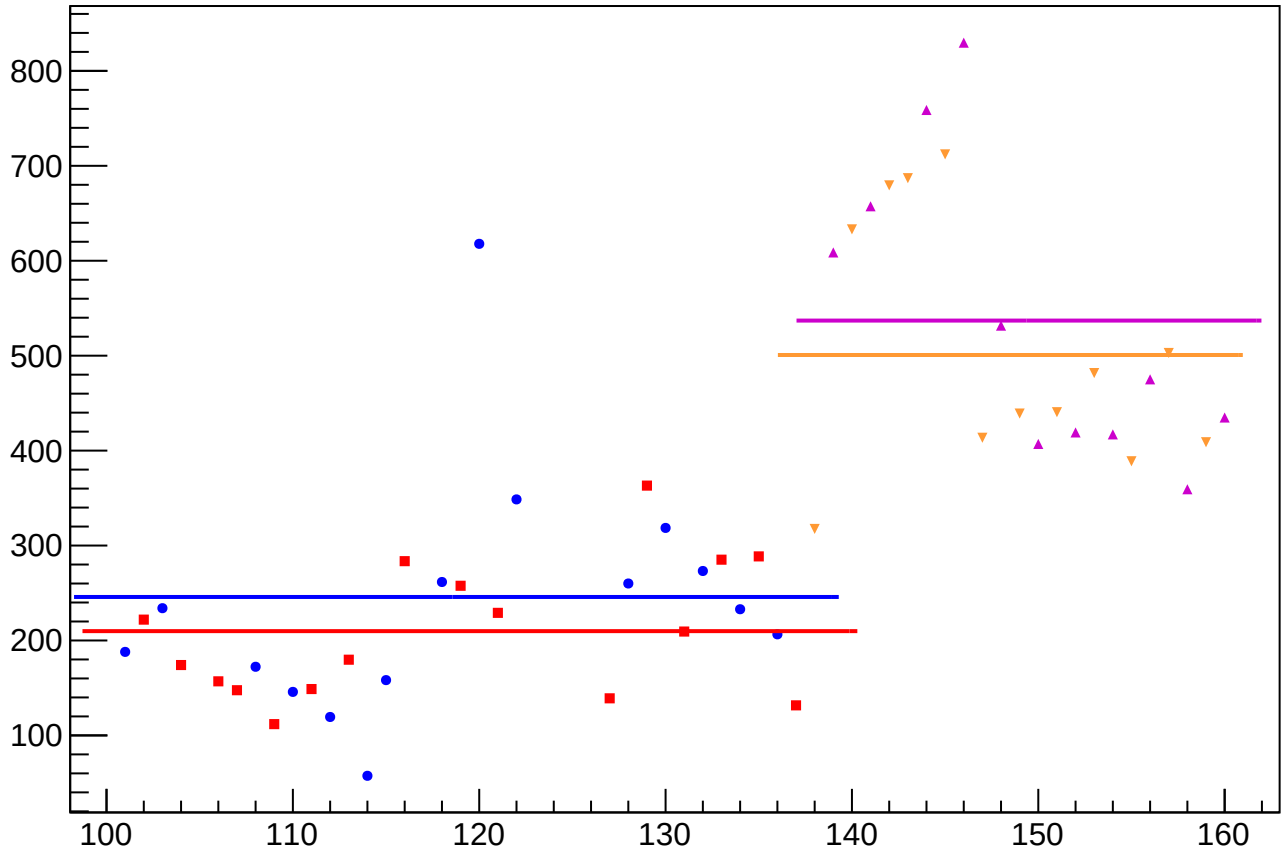
- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000 χ^2/NDF: 41178633231253805317353333973475271901184.0/14
+ sign -23321.438+/-0.000 χ^2/NDF: 192816719023
Left Out: -30994.631+/-0.000 χ^2/NDF:21360802405540775794048943647973709971456.0/11
All: -23566.509+/-0.000 χ^2/NDF: 447084659
Right Out: -10238.098+/-0.000 χ^2/NDF: 31227861126159534031961501923223718068224.0/15
- sign -23807.730+/-0.000 χ^2/NDF: 254081310517
Left In: -33603.125+/-0.000 χ^2/NDF:11377877741280377988076632069746943066112.0/10

dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 500.722+/-0.000 χ^2/NDF:1436664785403098680108925235491137126 4.0/11

Right Out: 209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

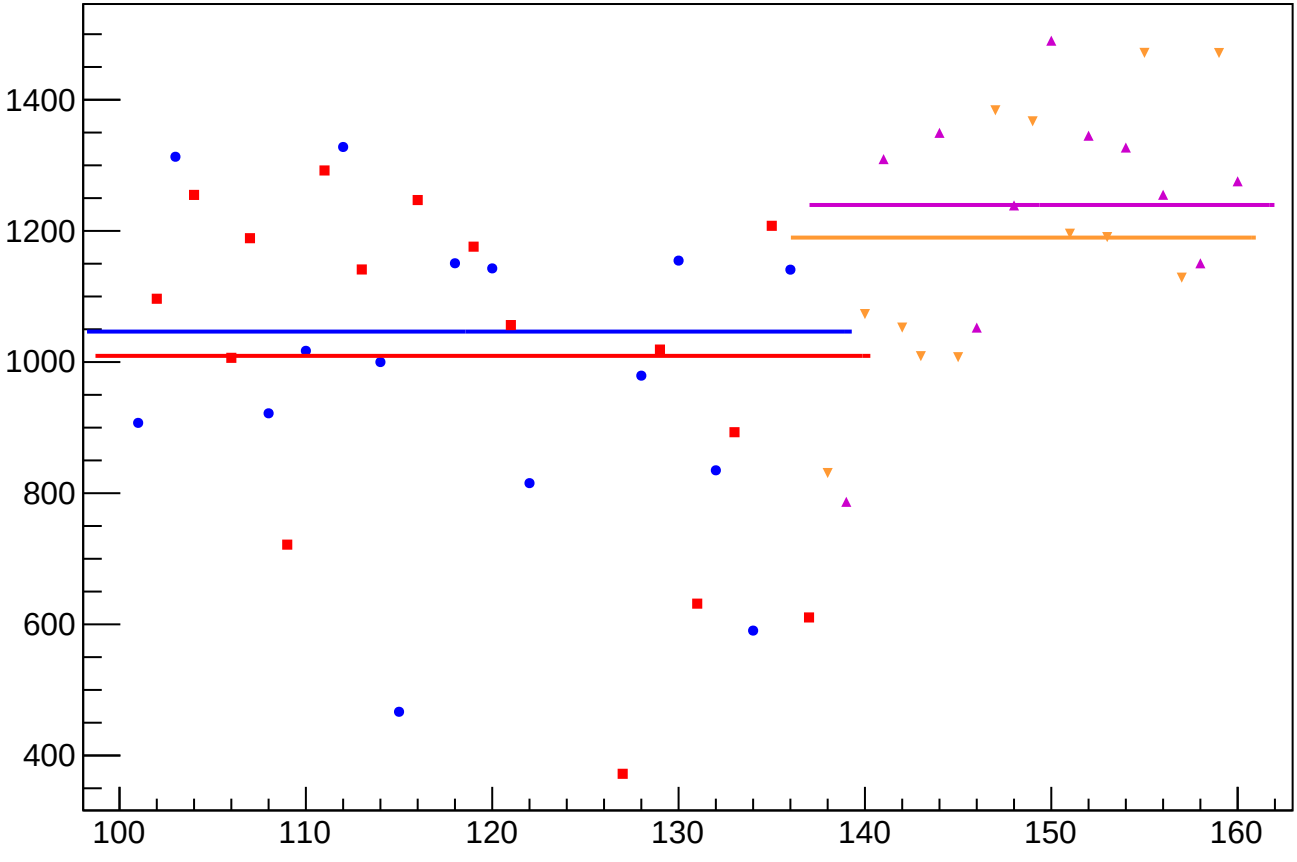
Left In: 536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

+ sign 395.088+/-0.000 χ^2/NDF: 46885156917775

All: 397.478+/-0.000 χ^2/NDF: 11228890752 5

- 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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

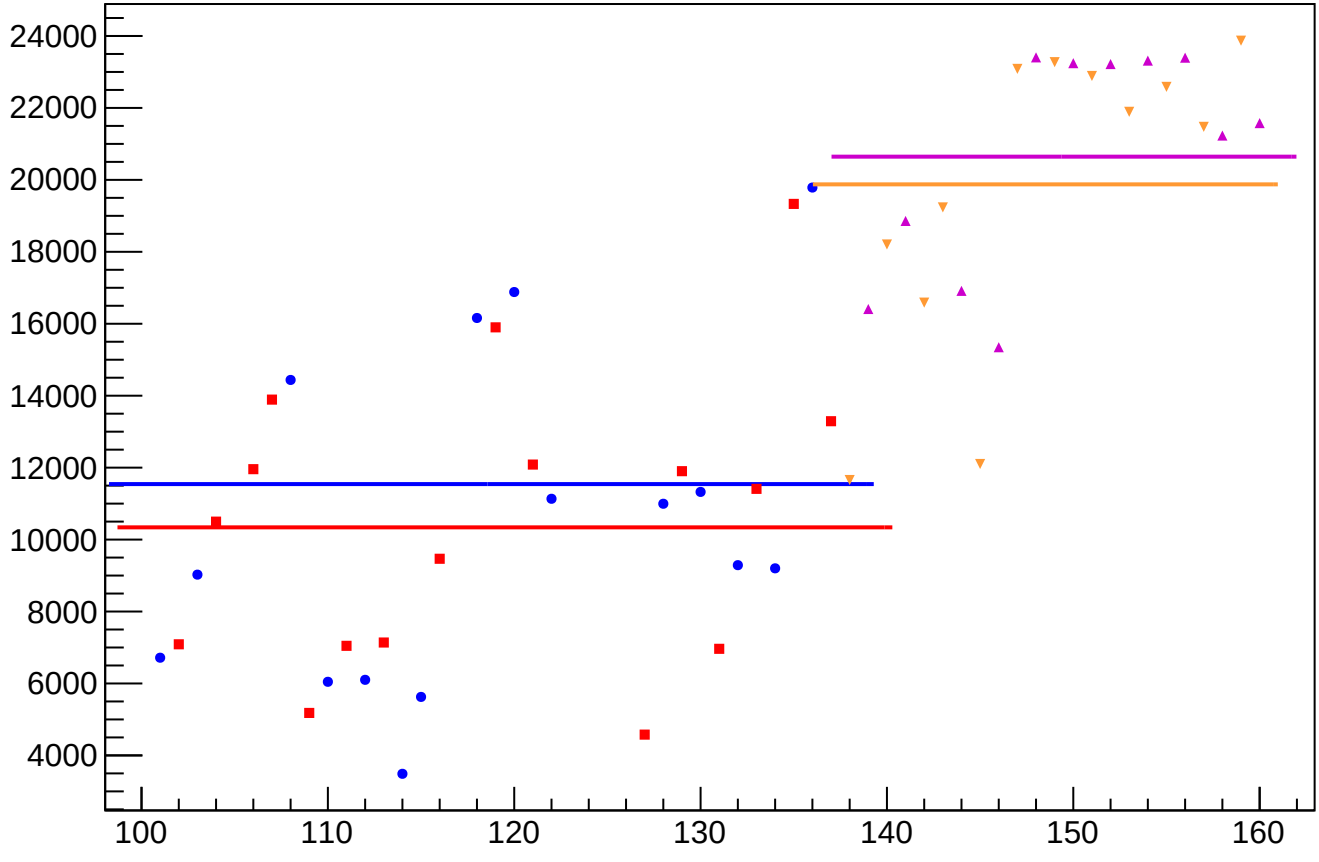
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Left Out: 19875.162+/-0.000 χ^2/NDF:158021966434494621984834009563574556426 24.0/11

Right Out: 10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

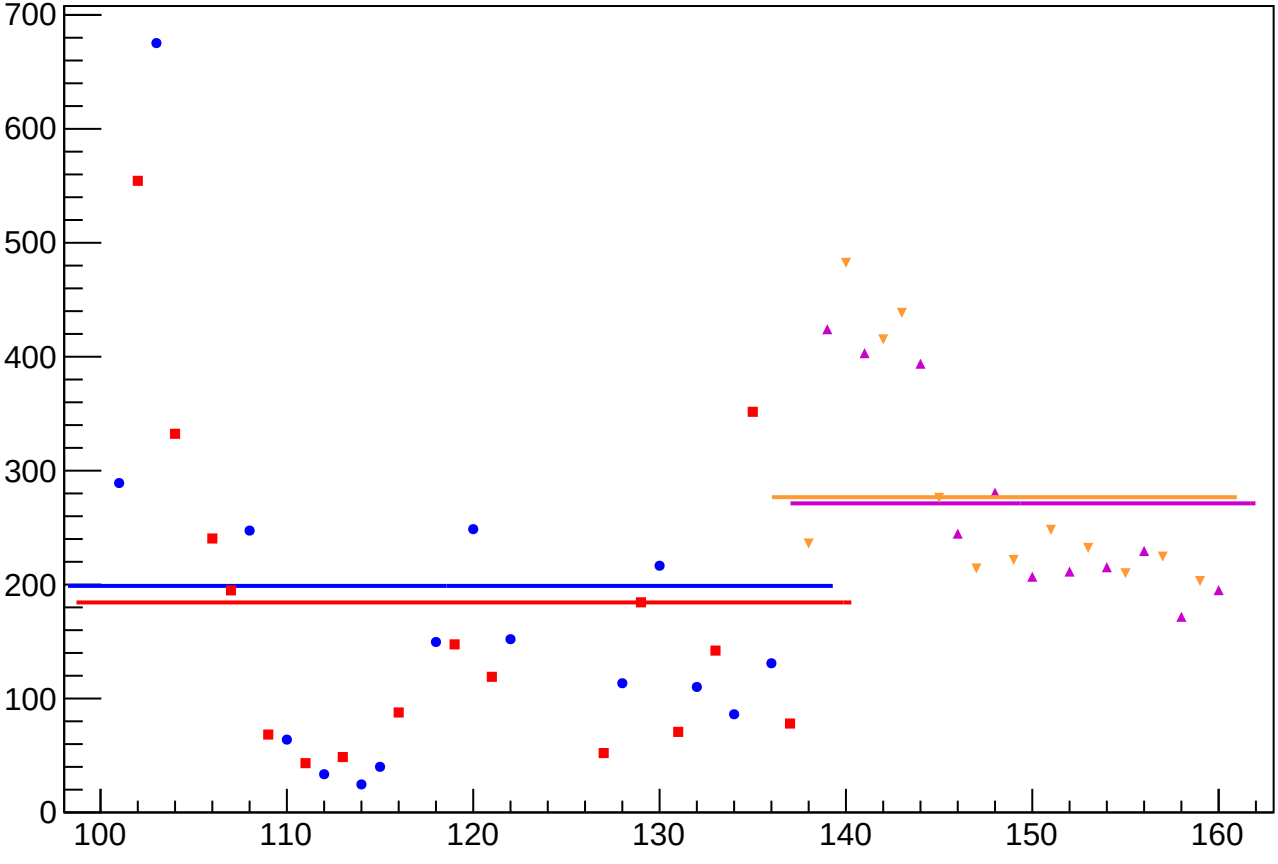
Left In: 20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

+ sign 16421.950+/-0.000 χ^2/NDF: 5642108511400

All: 16373.090+/-0.000 χ^2/NDF: 1172849233

- sign 16324.997+/-0.000 χ^2/NDF: 6085641974902

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14

Left Out: 276.729+/-0.000 χ^2/NDF:80315779700803716185964276886924165 12.0/11

Right Out: 184.328+/-0.000 χ^2/NDF: 14927434931395588601024961538372403200.0/15

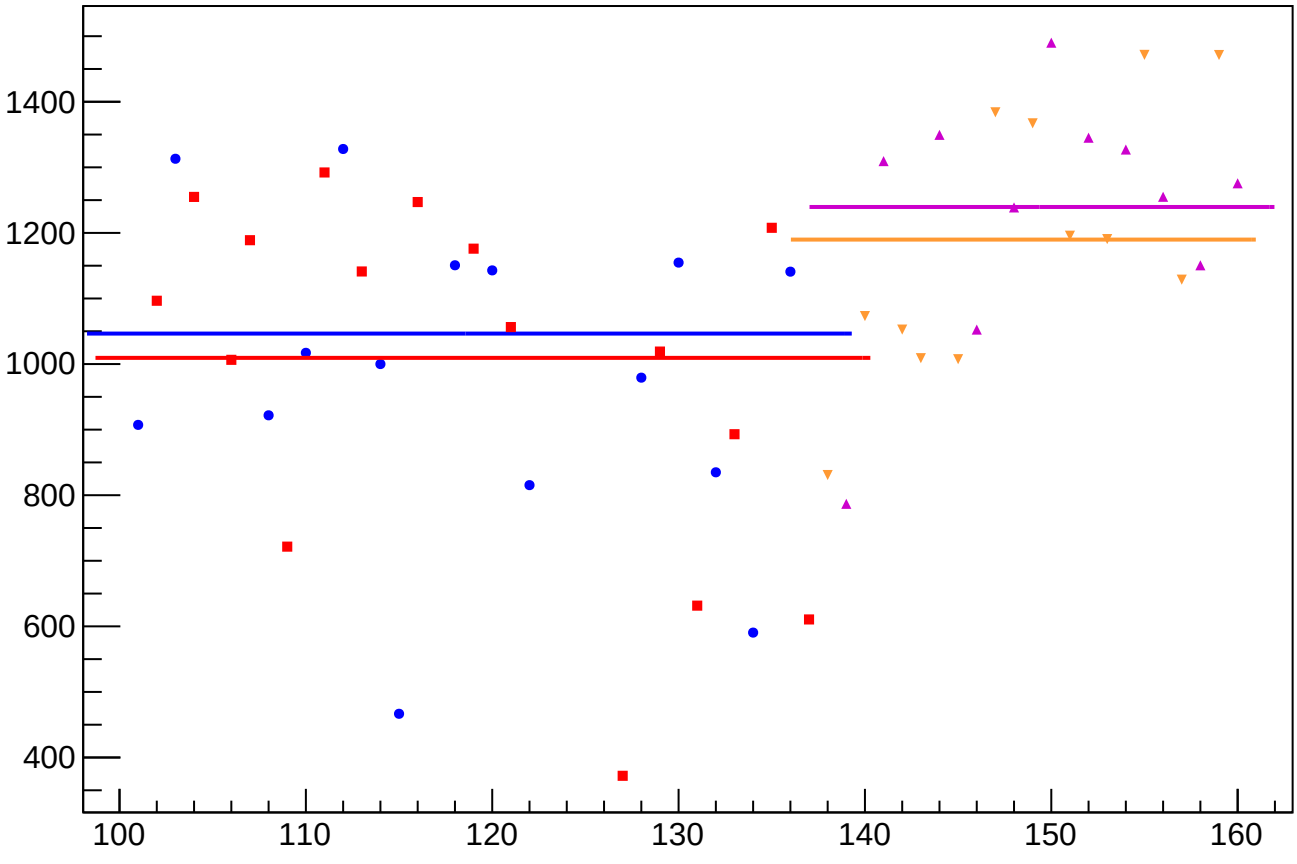
Left In: 271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10

+ sign 244.454+/-0.000 χ^2/NDF: 286705297289177

All: 239.606+/-0.000 χ^2/NDF: 53712952906

- sign 234.833+/-0.000 χ^2/NDF: 249693821998186

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

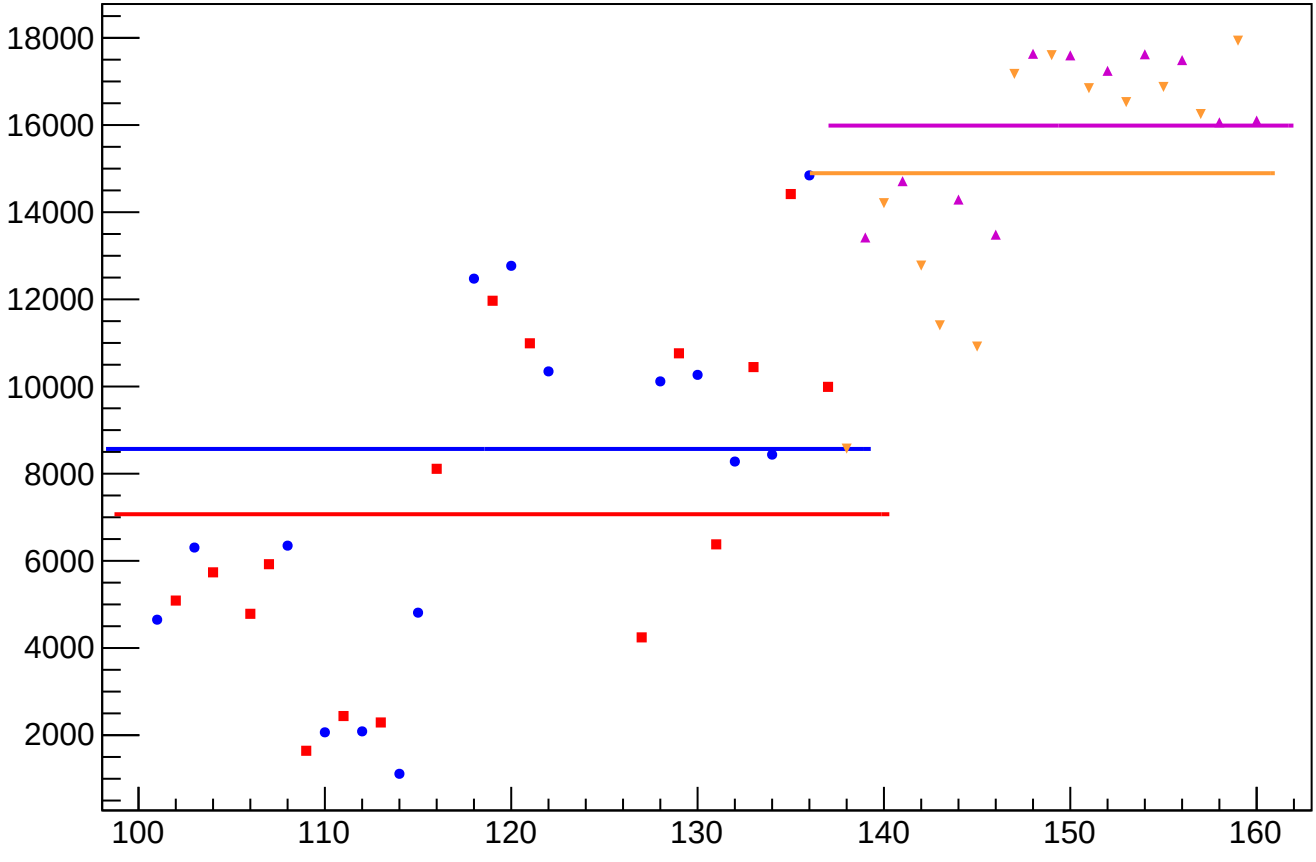
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

+ sign 12272.609+/-0.000 χ^2/NDF: 3451560663390

Left Out: 14894.671+/-0.000 χ^2/NDF:8196994251162162548782617513195066097664.0/11

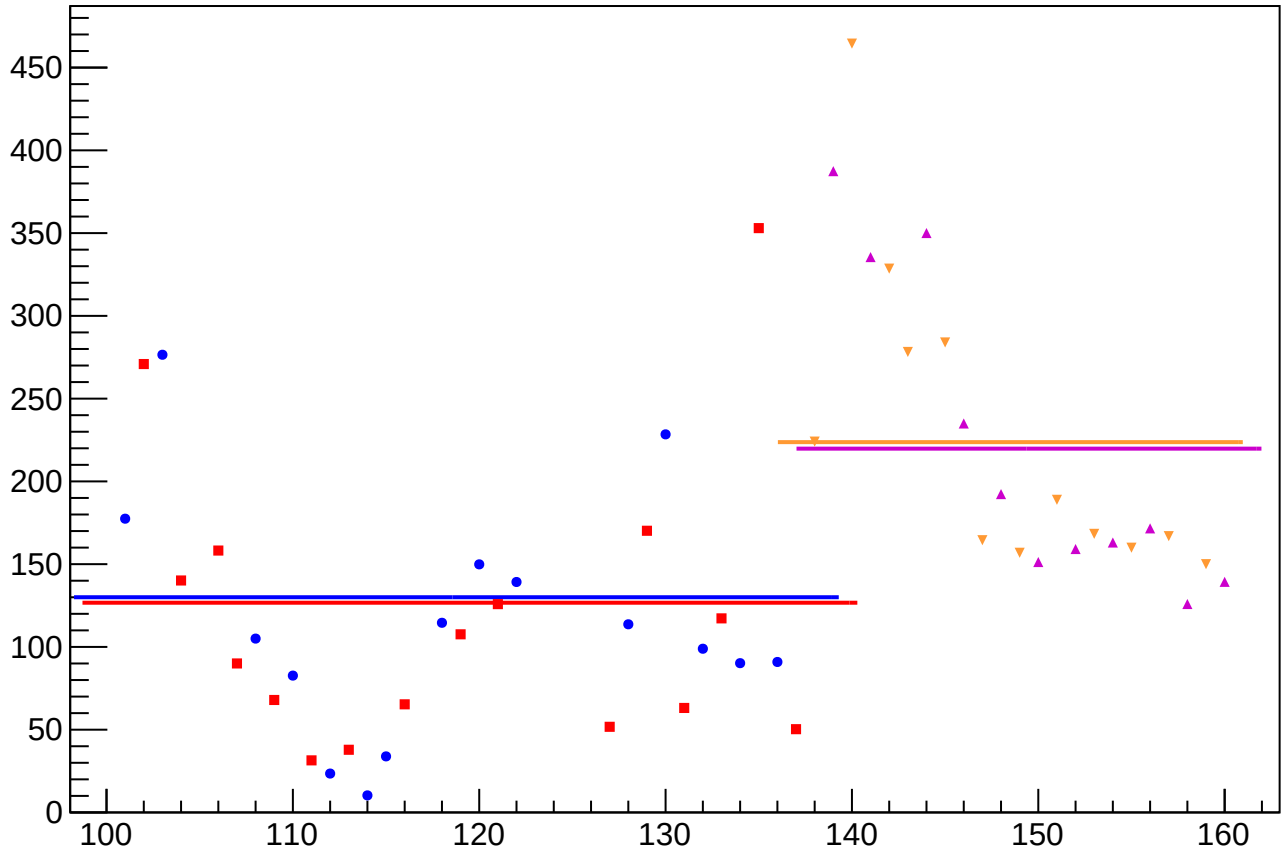
All: 12260.662+/-0.000 χ^2/NDF: 7786814199

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: 223.724+/-0.000 χ^2/NDF:7769866101258790132911352573971136512.0/11

Right Out: 126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

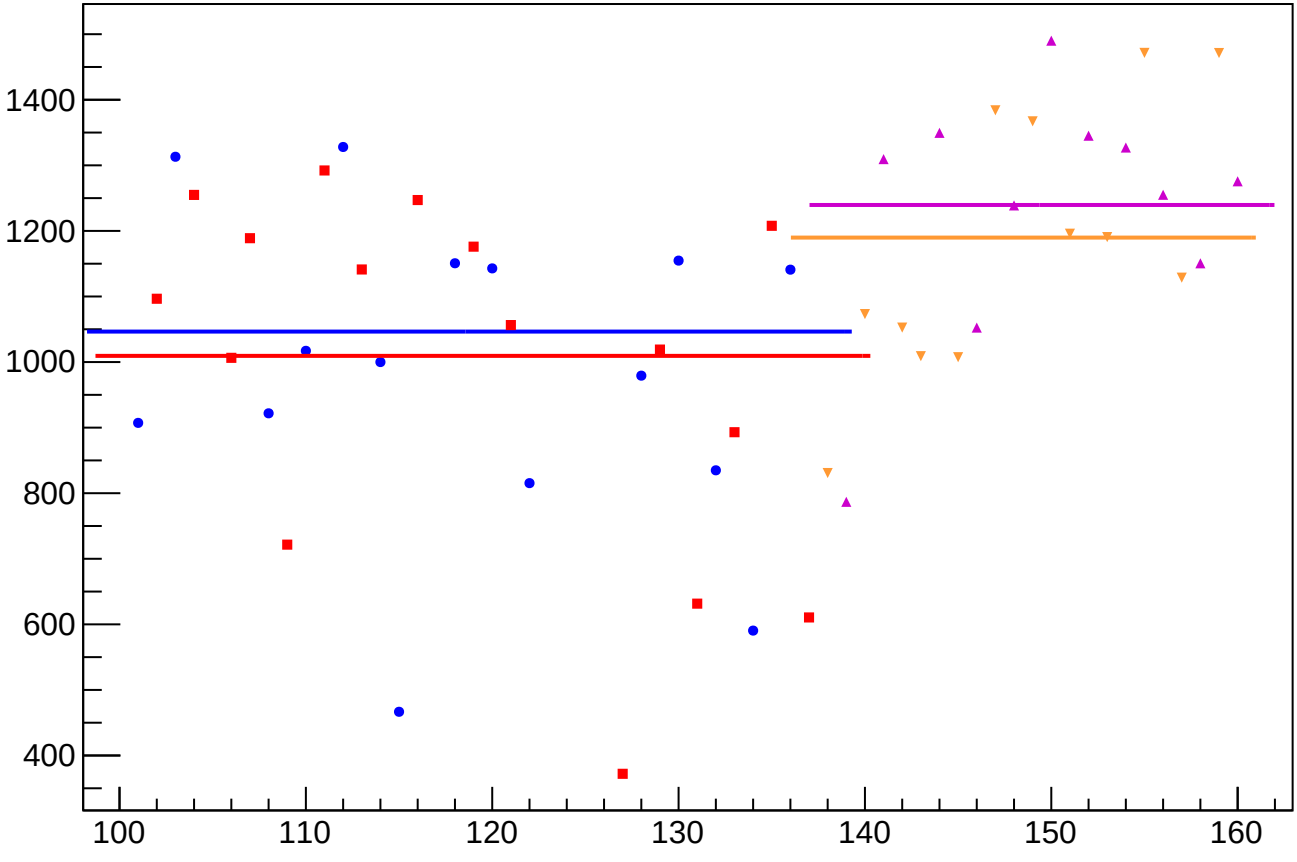
Left In: 219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10

+ sign 184.890+/-0.000 χ^2/NDF: 14221915942192

All: 182.811+/-0.000 χ^2/NDF: 30407074428

- 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

Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

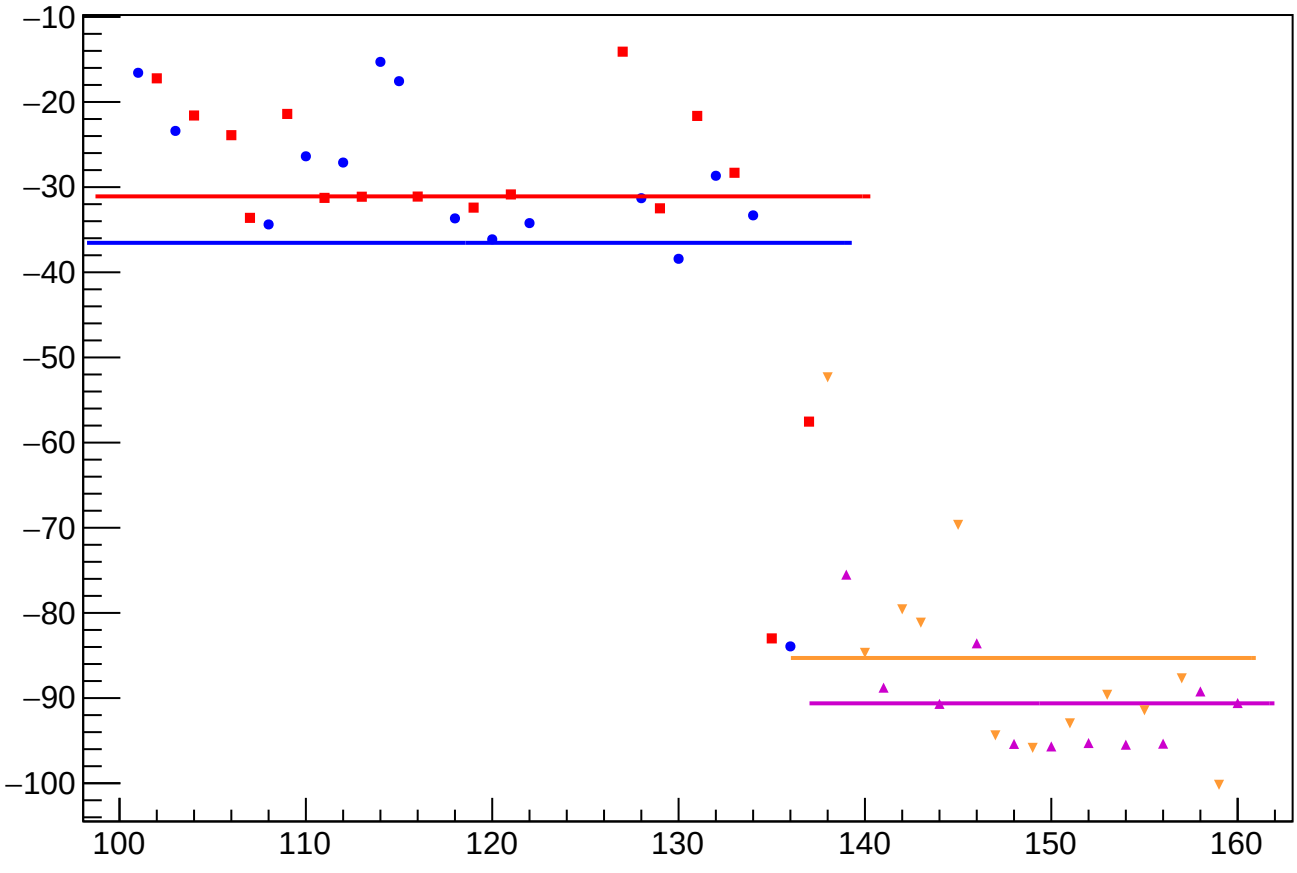
Left In: 1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

+ sign 1130.420+/-0.000 χ^2/NDF: 6816184607680

All: 1136.802+/-0.000 χ^2/NDF: 1625185360

- sign 1143.084+/-0.000 χ^2/NDF: 94230119572030

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

Left Out: -85.291+/-0.000 χ^2/NDF:1503351865756920475253980731728199 68.0/11

Right Out: -31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

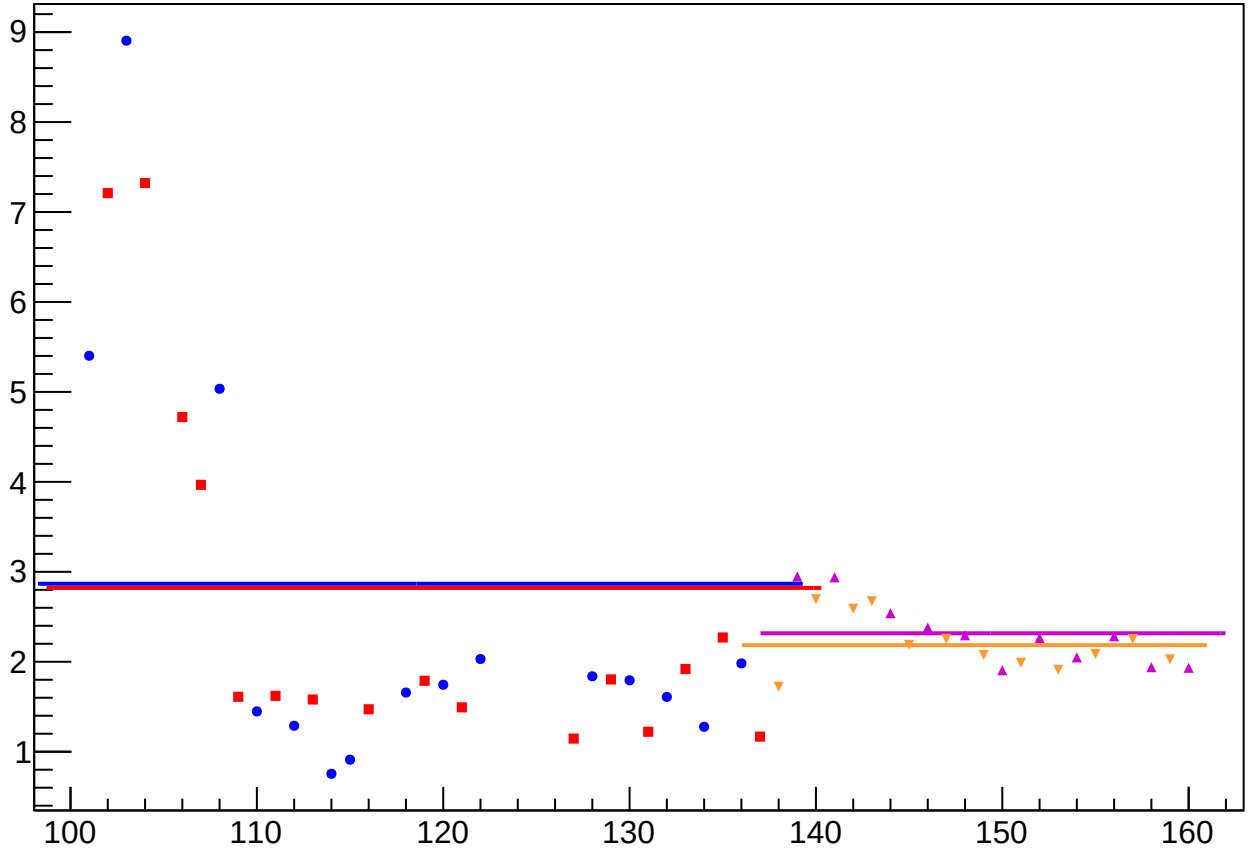
Left In: -90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10

+ sign -65.087+/-0.000 χ^2/NDF: 130788289054713

All: -65.376+/-0.000 χ^2/NDF: 289542152967

- 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: 2.185+/-0.000 χ^2/NDF:7550126663777300600381682116198 4.0/11

Right Out: 2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

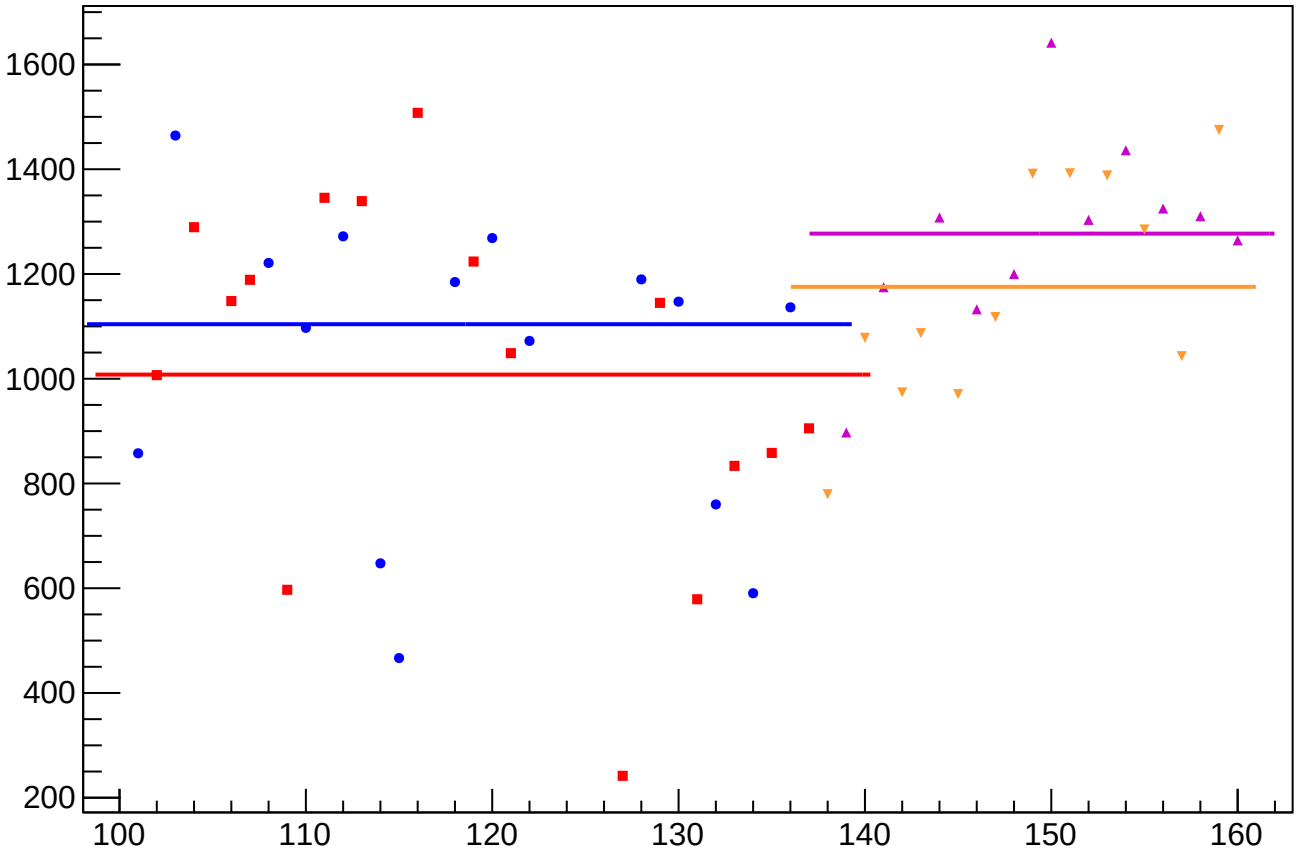
Left In: 2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

+ sign 2.468+/-0.000 χ^2/NDF: 3708042306558672 1

All: 2.498+/-0.000 χ^2/NDF: 6976795394658 7

- 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

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

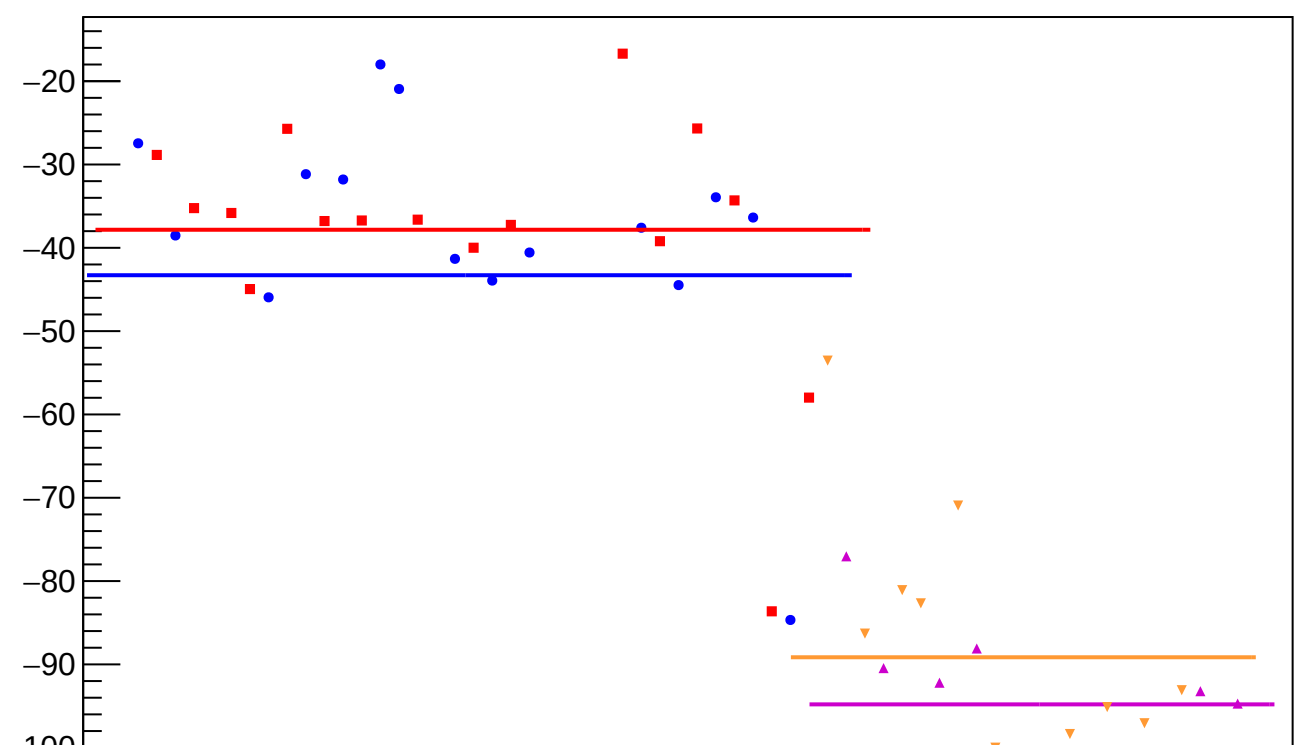
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Left Out: -89.146+/-0.000 χ^2/NDF:189364483855471766611288200184856576.0/11

Right Out: -37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

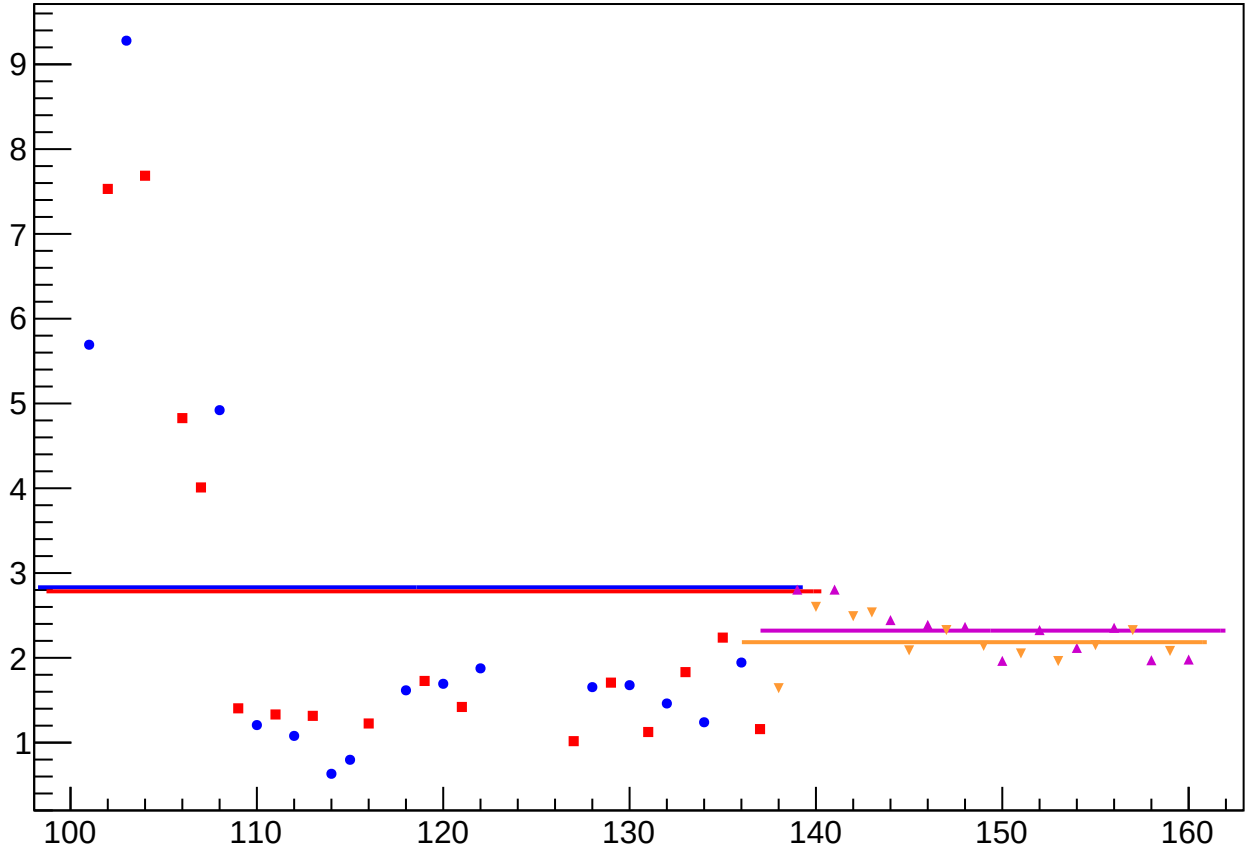
Left In: -94.799+/-0.000 χ^2/NDF:490770500326110069821569680749363 20.0/10

+ sign -70.142+/-0.000 χ^2/NDF: 118785787774979

All: -70.532+/-0.000 χ^2/NDF: 264319706173

- 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 2.453+/-0.000 χ^2/NDF: 41772543306903893

Left Out: 2.185+/-0.000 χ^2/NDF:60382547029004782914122064855040.0/11

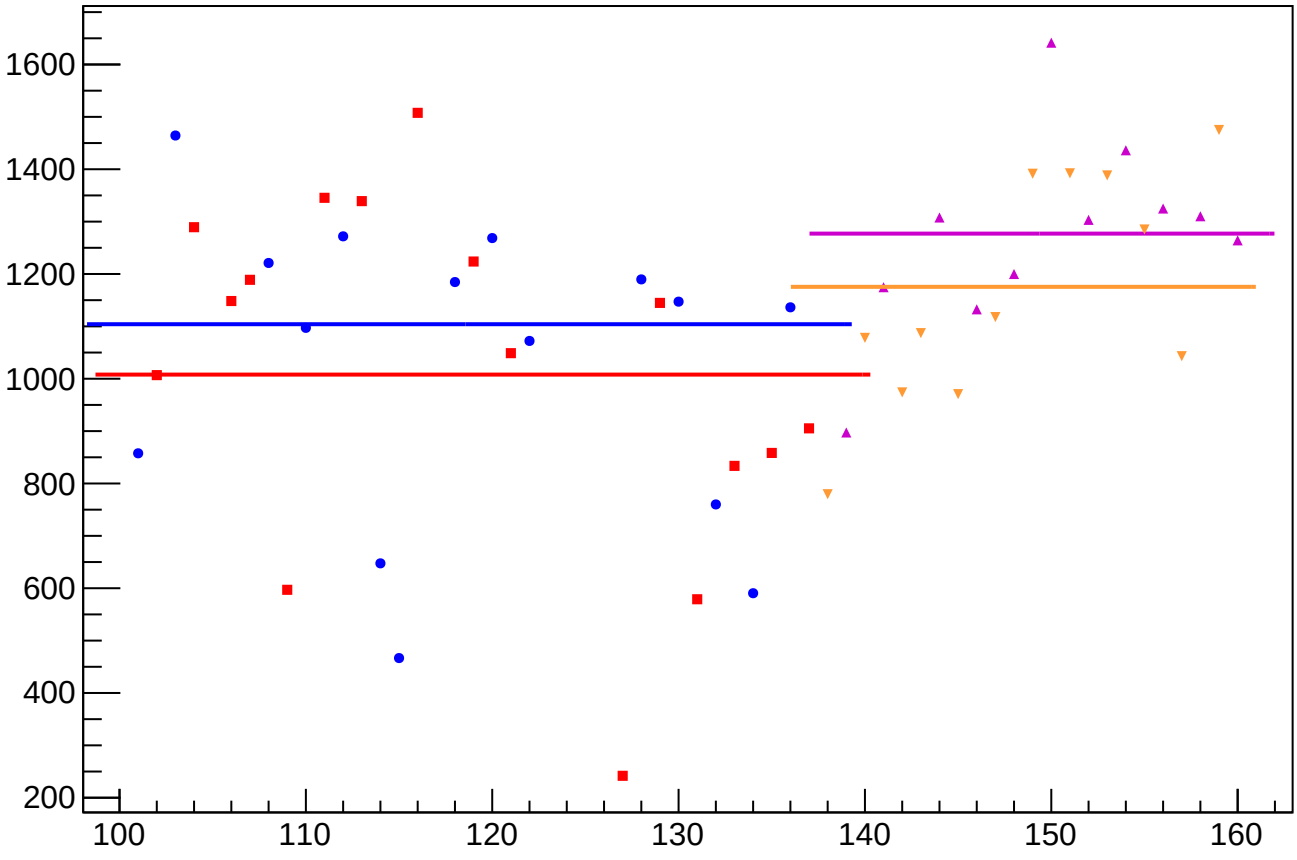
All: 2.484+/-0.000 χ^2/NDF: 7927643557517 9

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:74619123224616324544404505231360.0/10

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

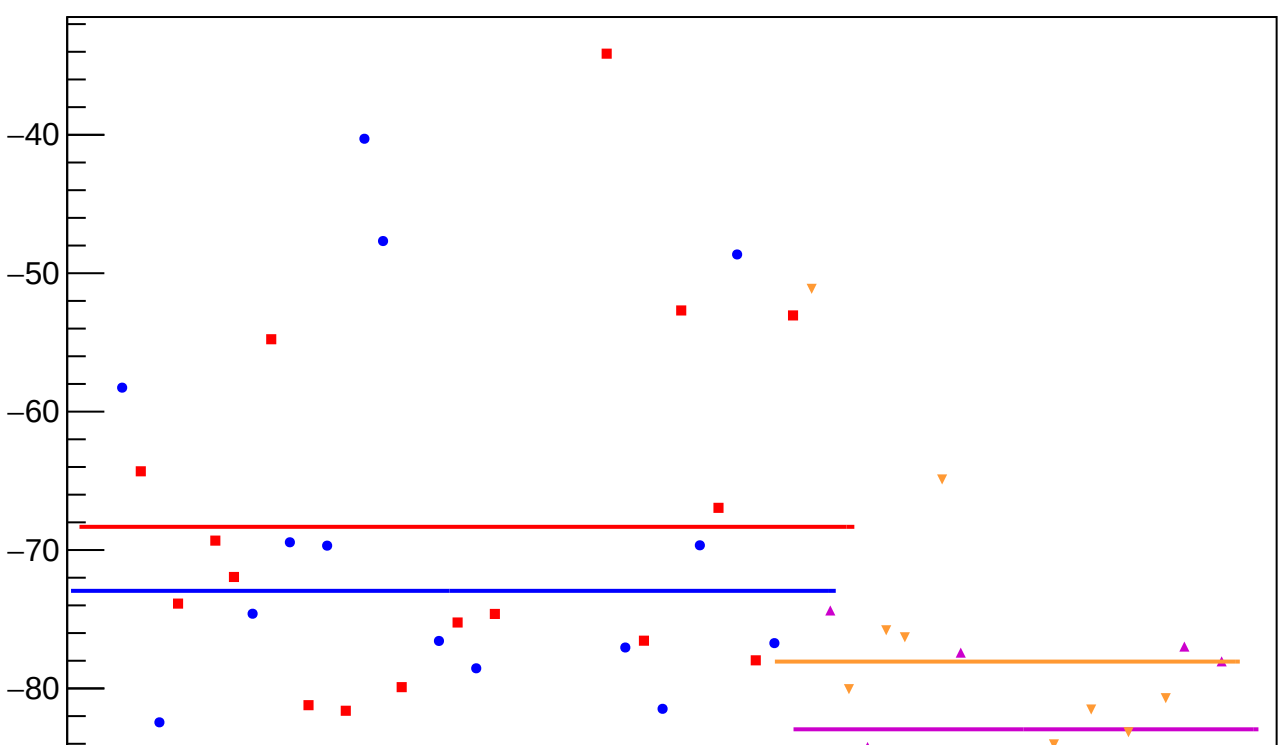
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

+ sign -75.942+/-0.000 χ^2/NDF: 167761384084705

Left Out: -78.060+/-0.000 χ^2/NDF:9207698978356102499121555955305676 8.0/11

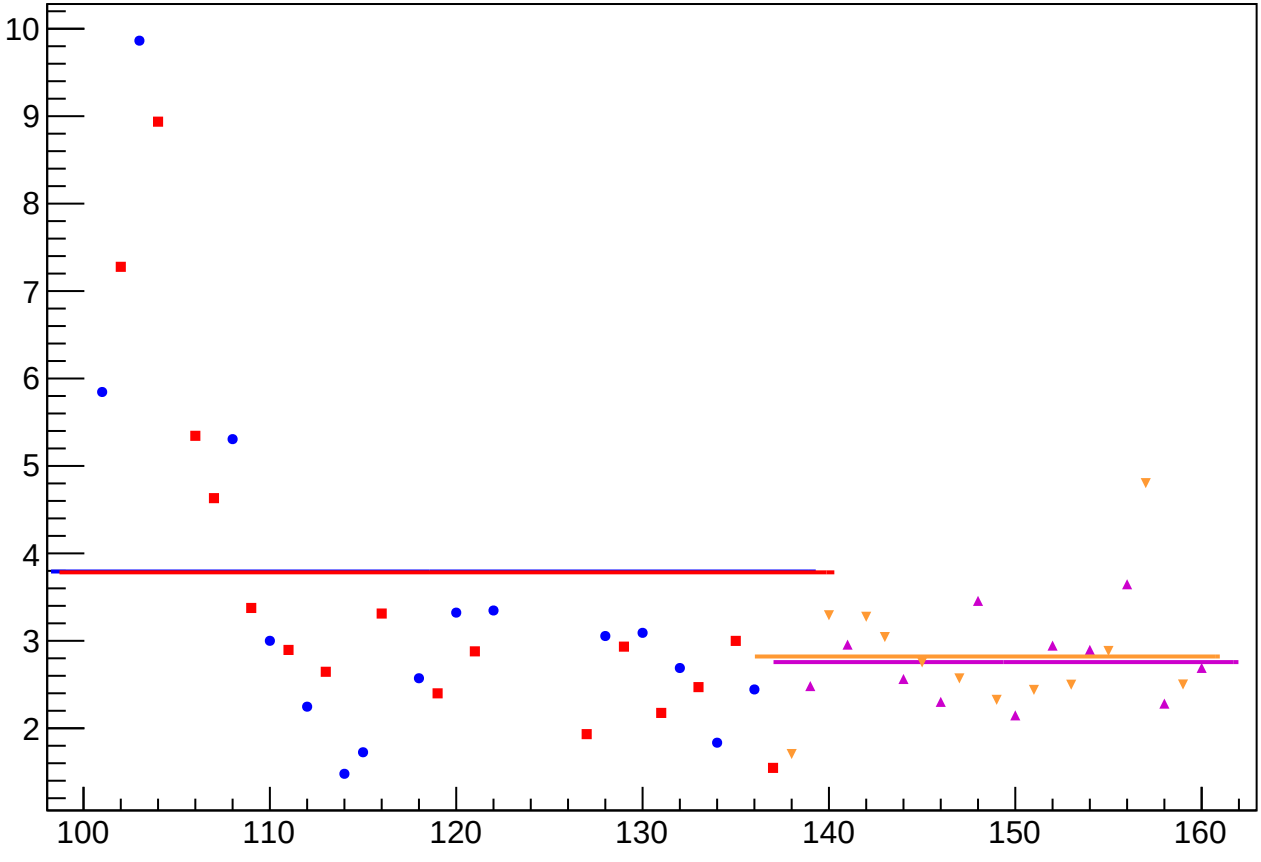
All: -76.385+/-0.000 χ^2/NDF: 37839962029 8

Right Out: -68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

- sign -76.820+/-0.000 χ^2/NDF: 2100293287177657

Left In: -82.954+/-0.000 χ^2/NDF:2041915777487729784920530317056409 6.0/10

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

+ sign 3.224+/-0.000 χ^2/NDF: 4057583653196235 4

Left Out: 2.821+/-0.000 χ^2/NDF:4930825555807856272757976790466 56.0/11

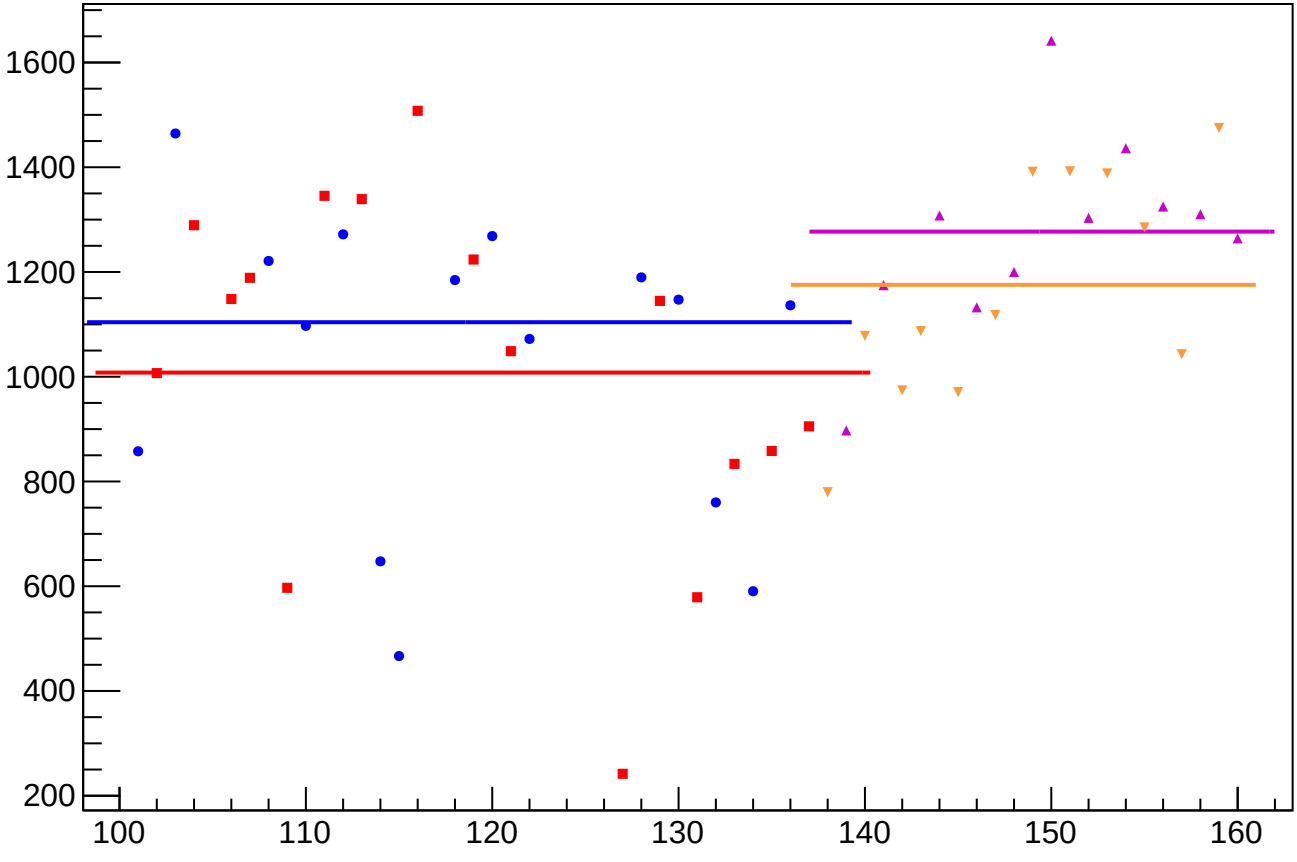
All: 3.205+/-0.000 χ^2/NDF: 7537104631784 4

Right Out: 3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

- sign 3.187+/-0.000 χ^2/NDF: 3478464708331367 3

Left In: 2.757+/-0.000 χ^2/NDF:1917207465477323062260540427468 80.0/10

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

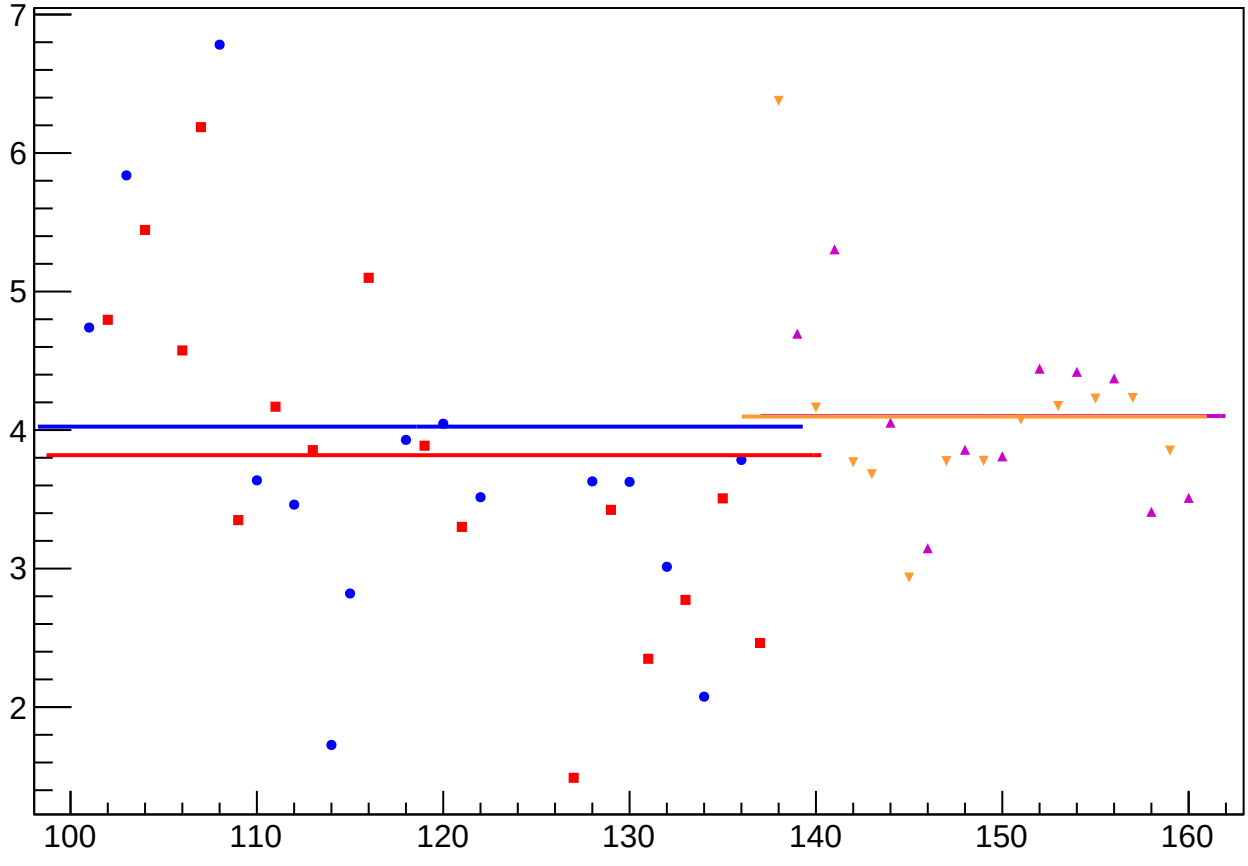
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Left Out: 4.098+/-0.000 χ^2/NDF:556317927026663328650590815256576.0/11

Right Out: 3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

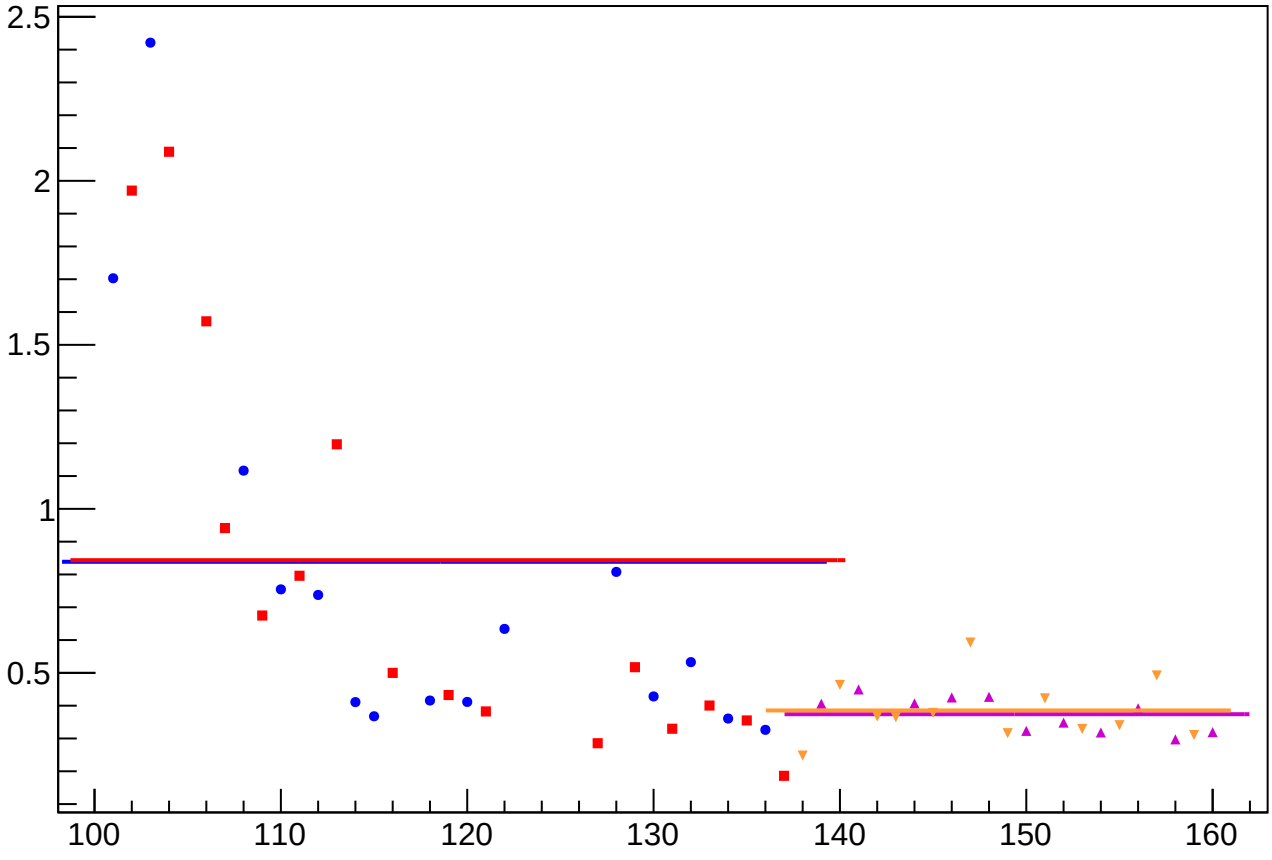
Left In: 4.102+/-0.000 χ^2/NDF:329978343606173709019066465779712.0/10

+ sign 4.067+/-0.000 χ^2/NDF: 1327327857959457

All: 4.025+/-0.000 χ^2/NDF: 2582222088166

- sign 3.983+/-0.000 χ^2/NDF: 12492685976346881

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Left Out: 0.385+/-0.000 χ^2/NDF:7658632015844553503510259302400.0/11

Right Out: 0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

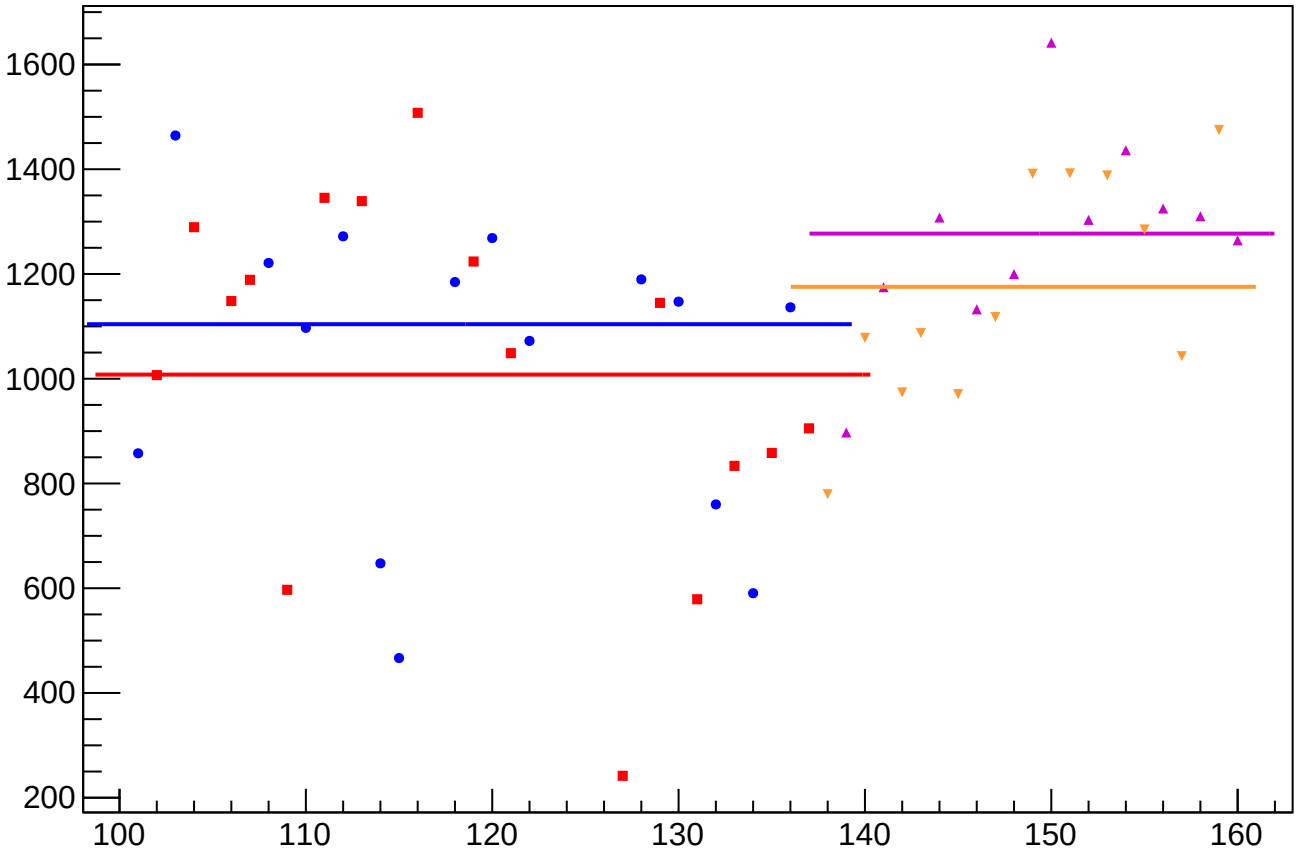
Left In: 0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10

+ sign 0.573+/-0.000 χ^2/NDF: 3441558110133218 9

All: 0.572+/-0.000 χ^2/NDF: 6848875460456 4

- 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

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

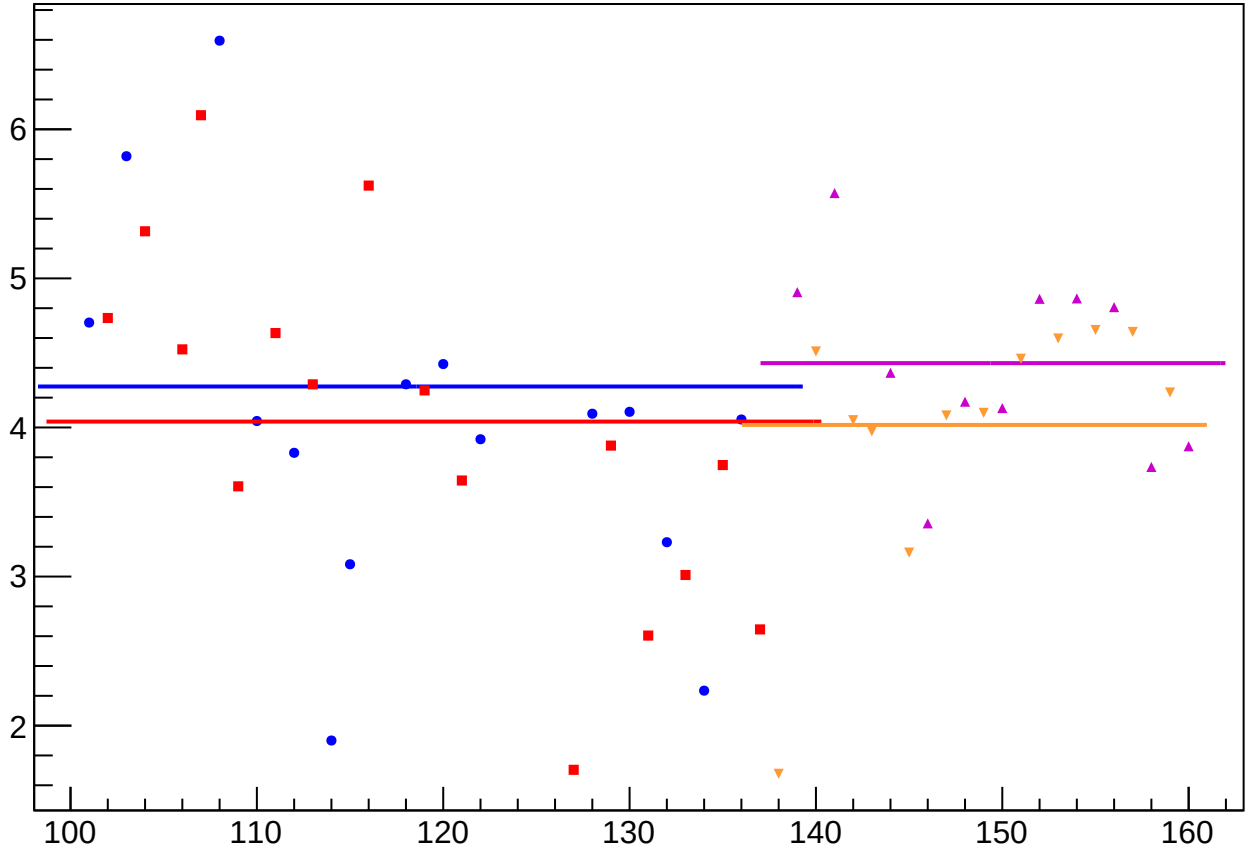
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

+ sign 4.124+/-0.000 χ^2/NDF: 1240683291044544

Left Out: 4.017+/-0.000 χ^2/NDF:618248057516763535647221148024832.0/11

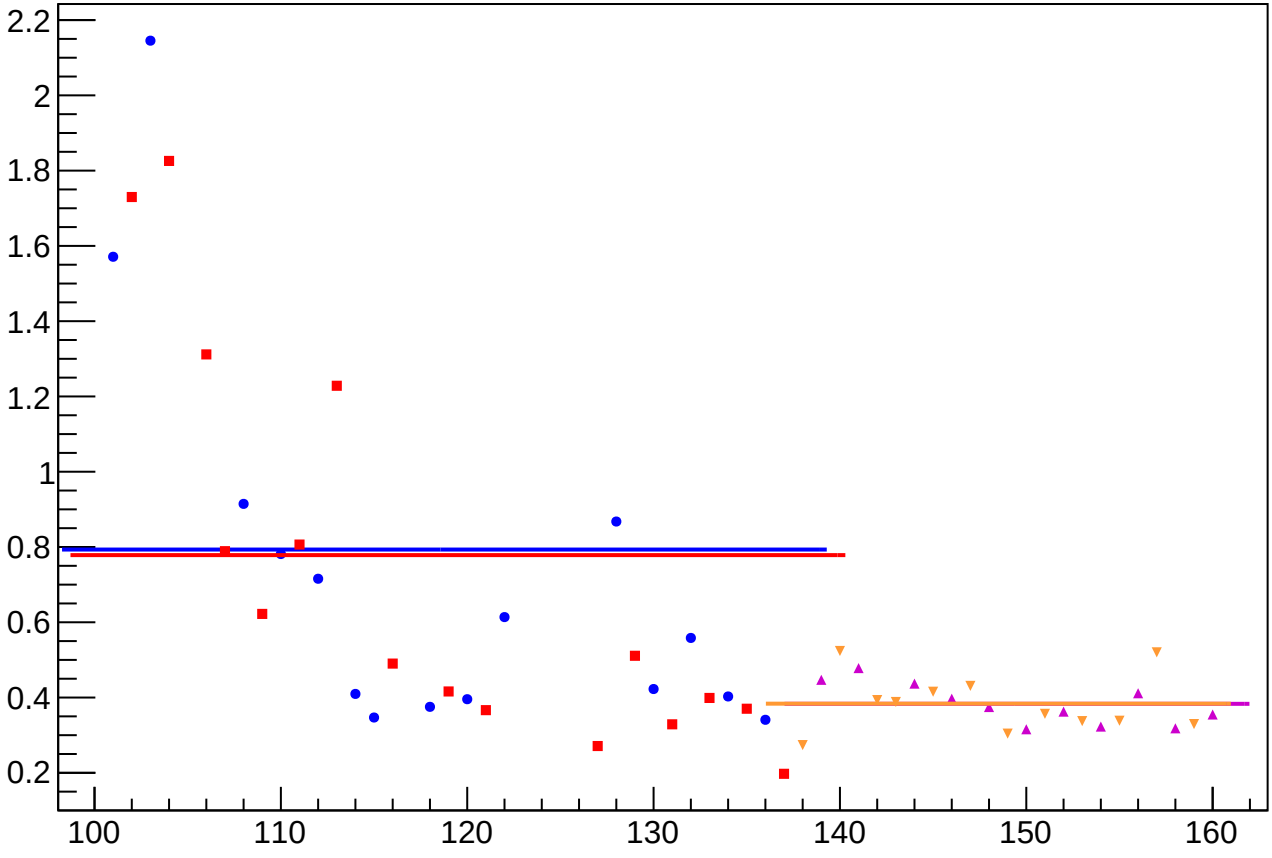
All: 4.196+/-0.000 χ^2/NDF: 2434429256001

Right Out: 4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

- sign 4.267+/-0.000 χ^2/NDF: 11775319216859441

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: 195508777173589483440314700005376.0/14

Left Out: 0.384+/-0.000 χ^2/NDF:54531921146656340945512620359 68.0/11

Right Out: 0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

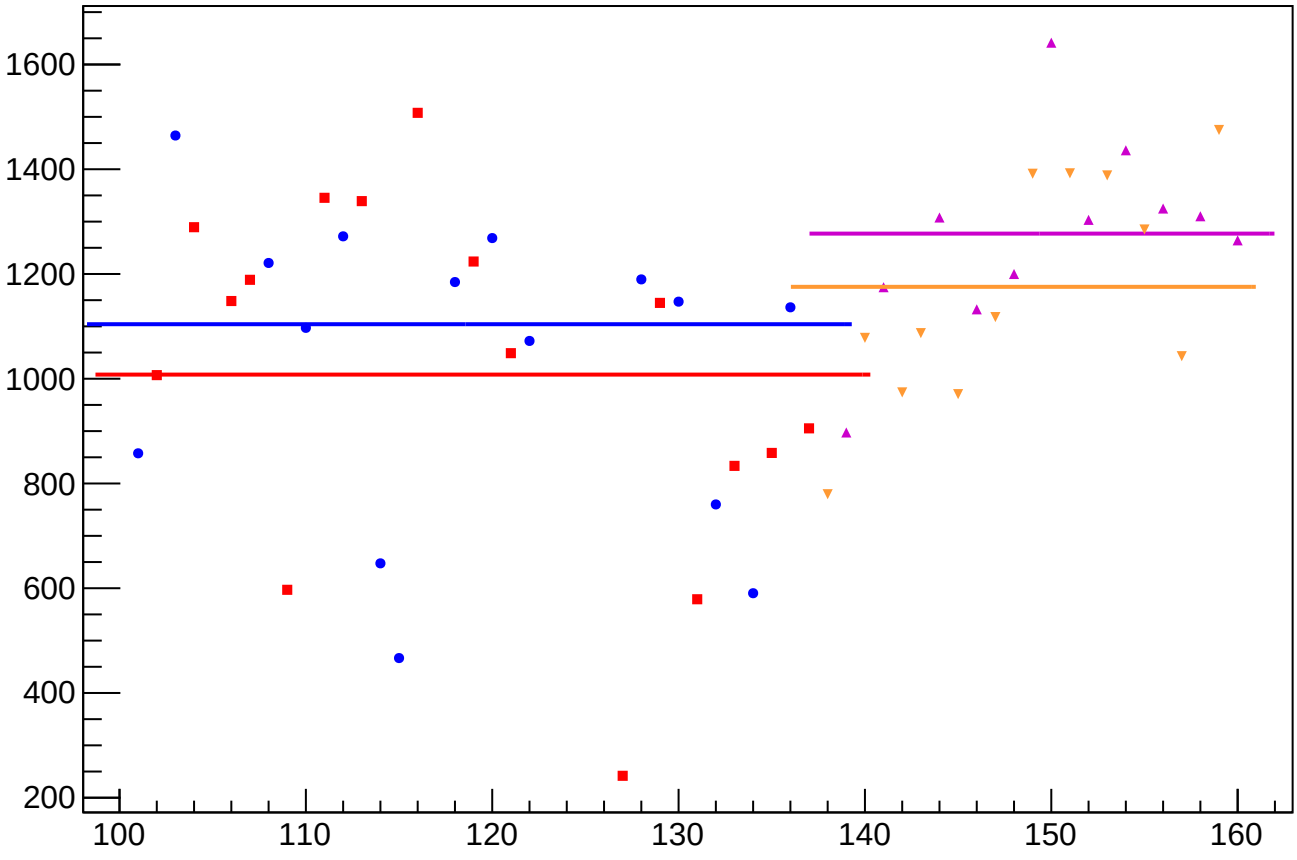
Left In: 0.383+/-0.000 χ^2/NDF:261837526843796787504969102 1312.0/10

+ sign 0.553+/-0.000 χ^2/NDF: 2646878029813833 2

All: 0.551+/-0.000 χ^2/NDF: 5136149138399 4

- 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

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

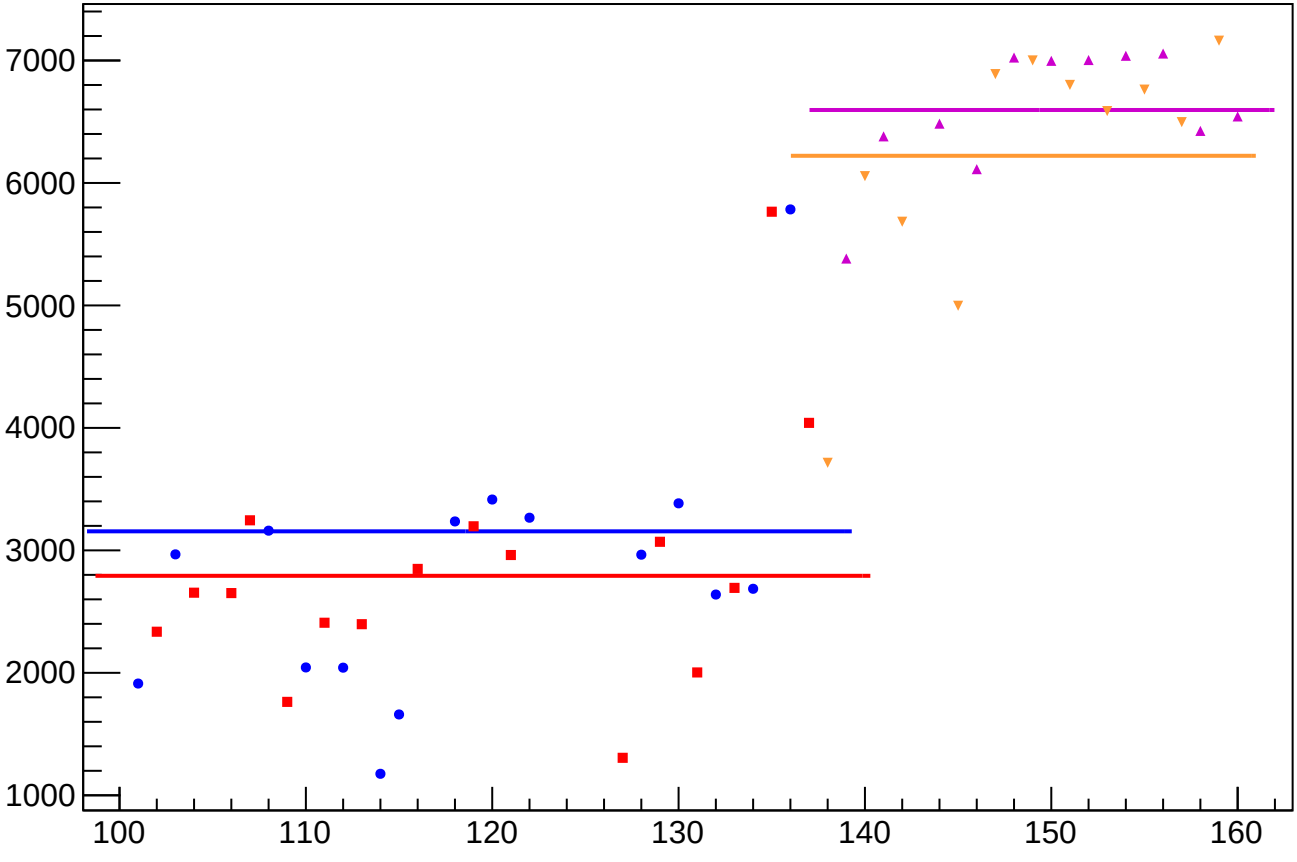
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

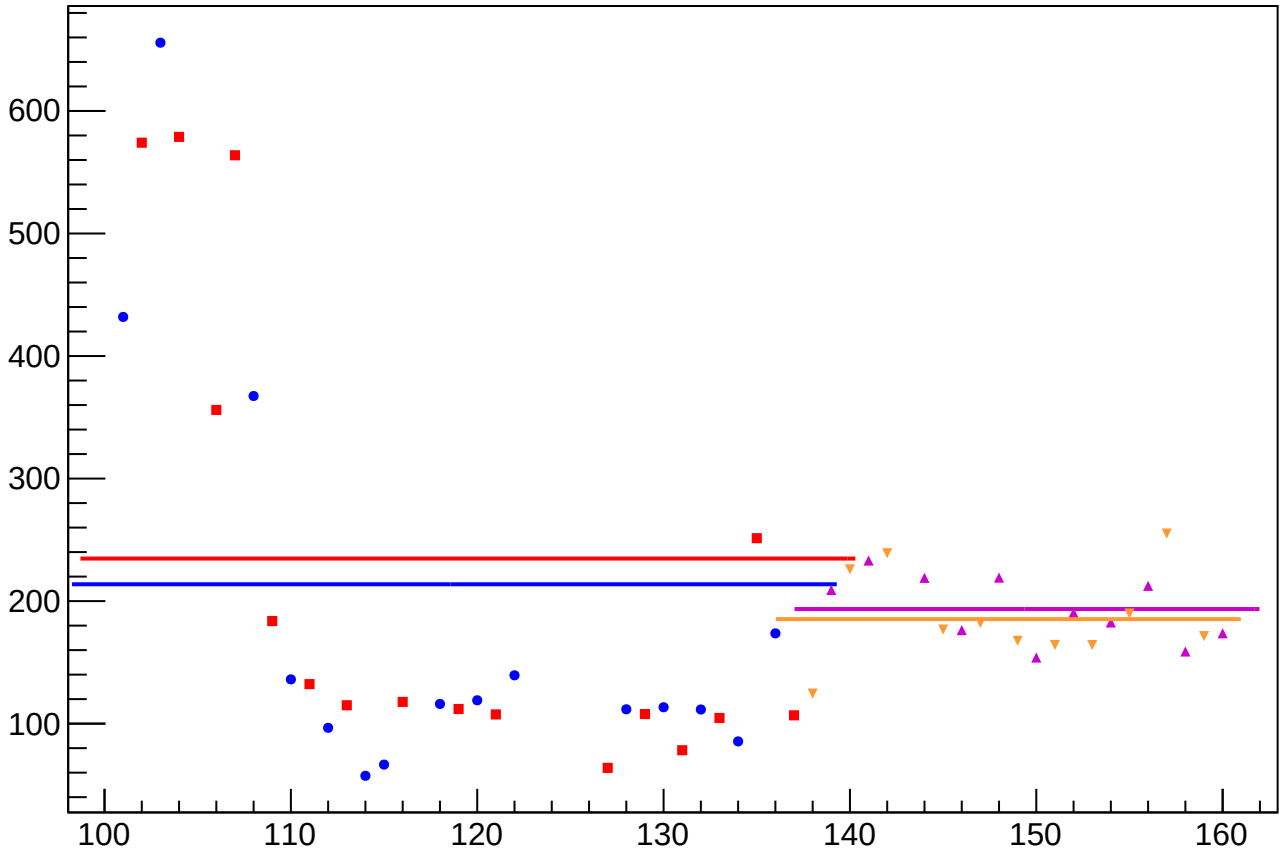
Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14
+ sign 4894.279+/-0.000 χ^2/NDF: 5214109324107 7
Left Out: 6221.938+/-0.000 χ^2/NDF:8499774731522853129075956236868198072 32.0/10
All: 4949.361+/-0.000 χ^2/NDF: 1172703658 6
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: 19718138109054002114361149860507287552.0/14

Left Out: 185.291+/-0.000 χ^2/NDF:1063728674006350590661838746148667392.0/10

Right Out: 234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

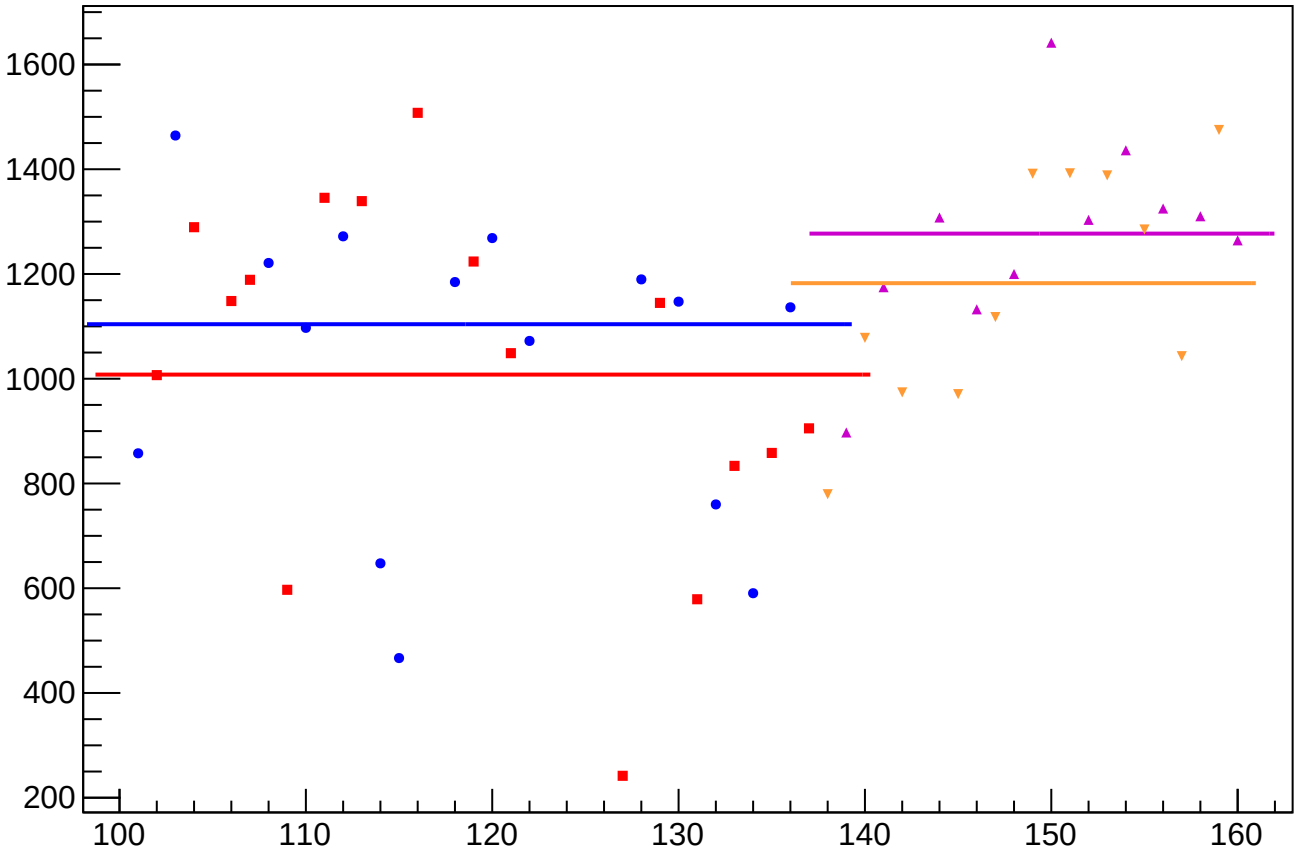
Left In: 193.543+/-0.000 χ^2/NDF:5989311506442933326802170578814894 08.0/10

+ sign 197.608+/-0.000 χ^2/NDF: 210796902102864

All: 204.402+/-0.000 χ^2/NDF: 46482694408 9

- 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: 1182.447+/-0.000 χ^2/NDF:39401916671919600348661592701888626688.0/10

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

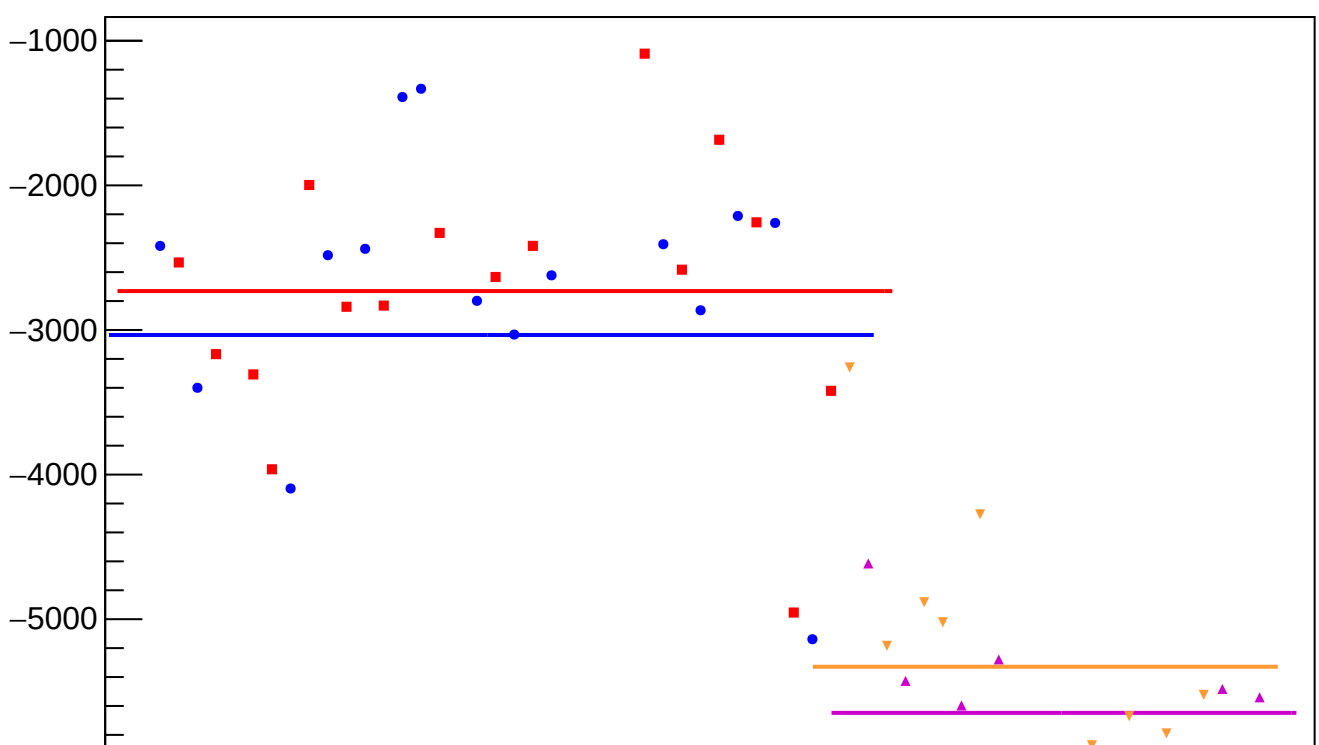
Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

+ sign 1148.531+/-0.000 χ^2/NDF: 7439808144107 1

All: 1156.621+/-0.000 χ^2/NDF: 2013158149 9

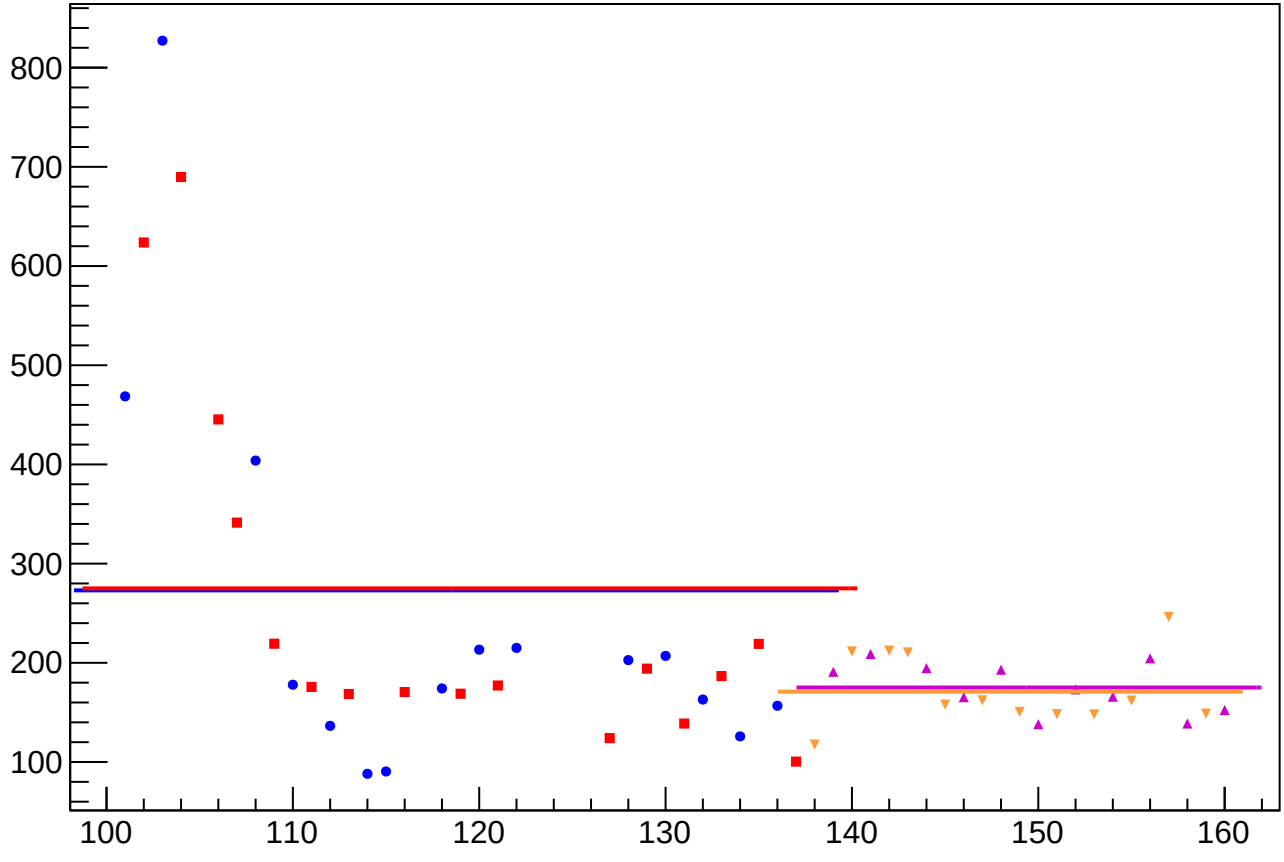
- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14
+ sign -4377.979+/-0.000 χ^2/NDF: 3255428000039
Left Out: -5328.796+/-0.000 χ^2/NDF:624360364489310892896763337628232712192.0/11
All: -4401.624+/-0.000 χ^2/NDF: 7244861540
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:164214312908035645215126356935491715072.0/10

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 170.956+/-0.000 χ^2/NDF:1172503860973970615331214508834160640.0/11

Right Out: 275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

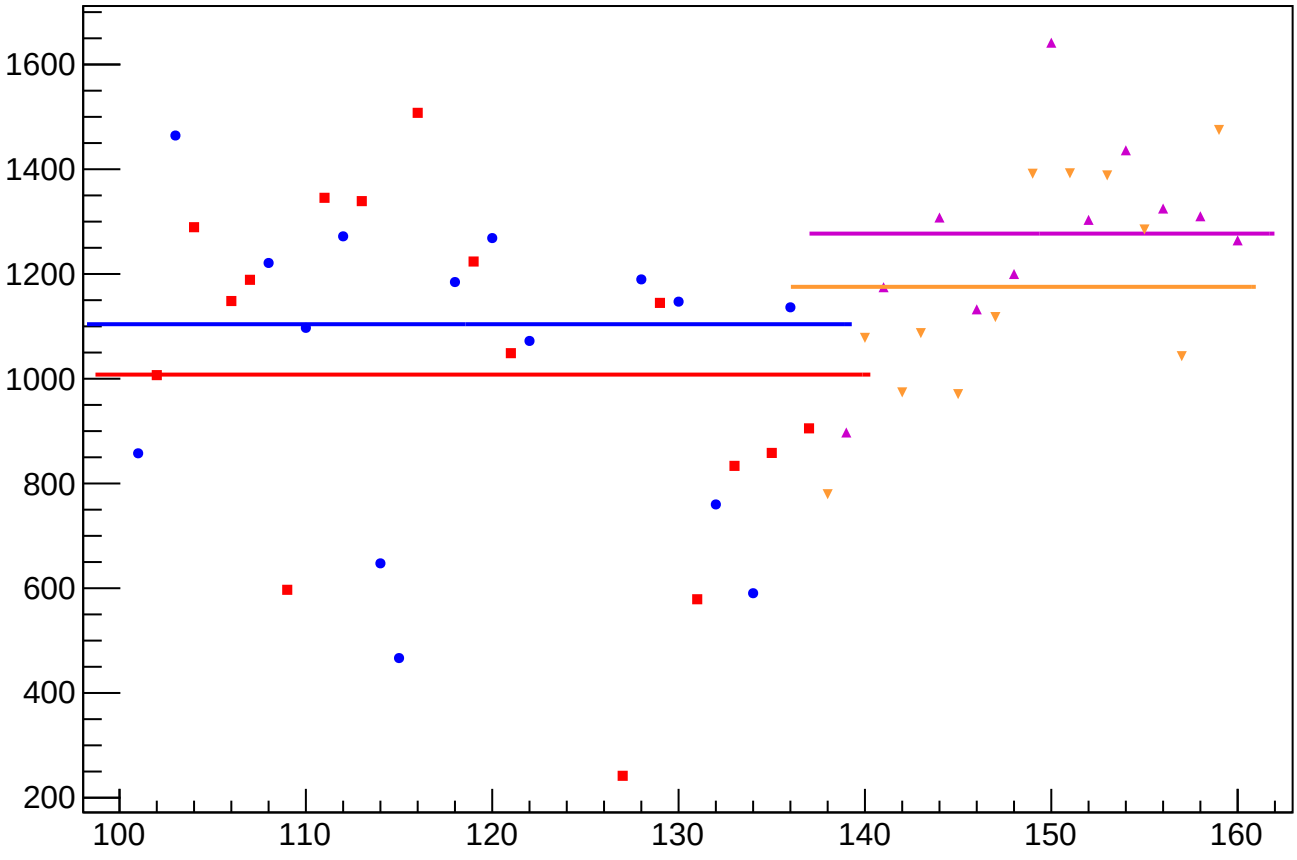
Left In: 175.100+/-0.000 χ^2/NDF:5323199057603165228144709090966241 28.0/10

+ sign 213.262+/-0.000 χ^2/NDF: 3161869953662 68

All: 215.146+/-0.000 χ^2/NDF: 5829612072 66

- sign 217.000+/-0.000 χ^2/NDF: 2666639690747 85

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

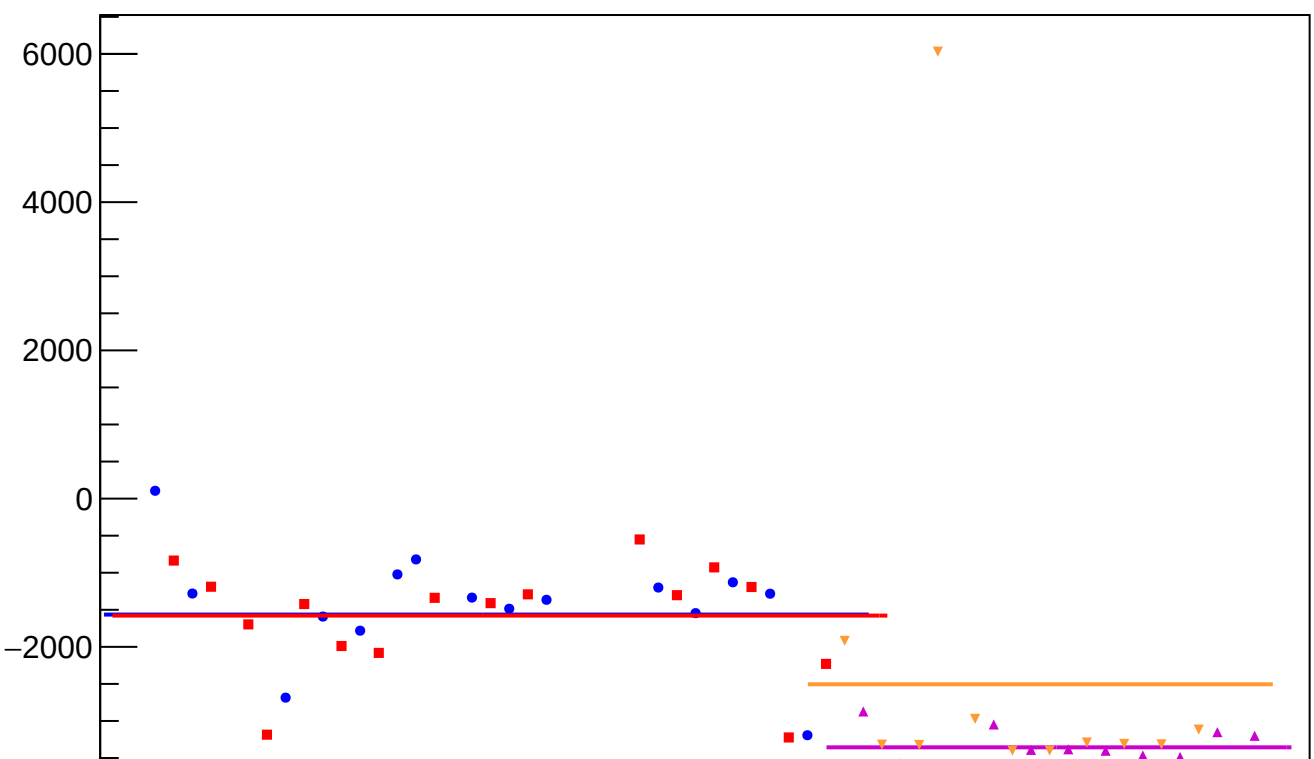
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 1267271924930 9

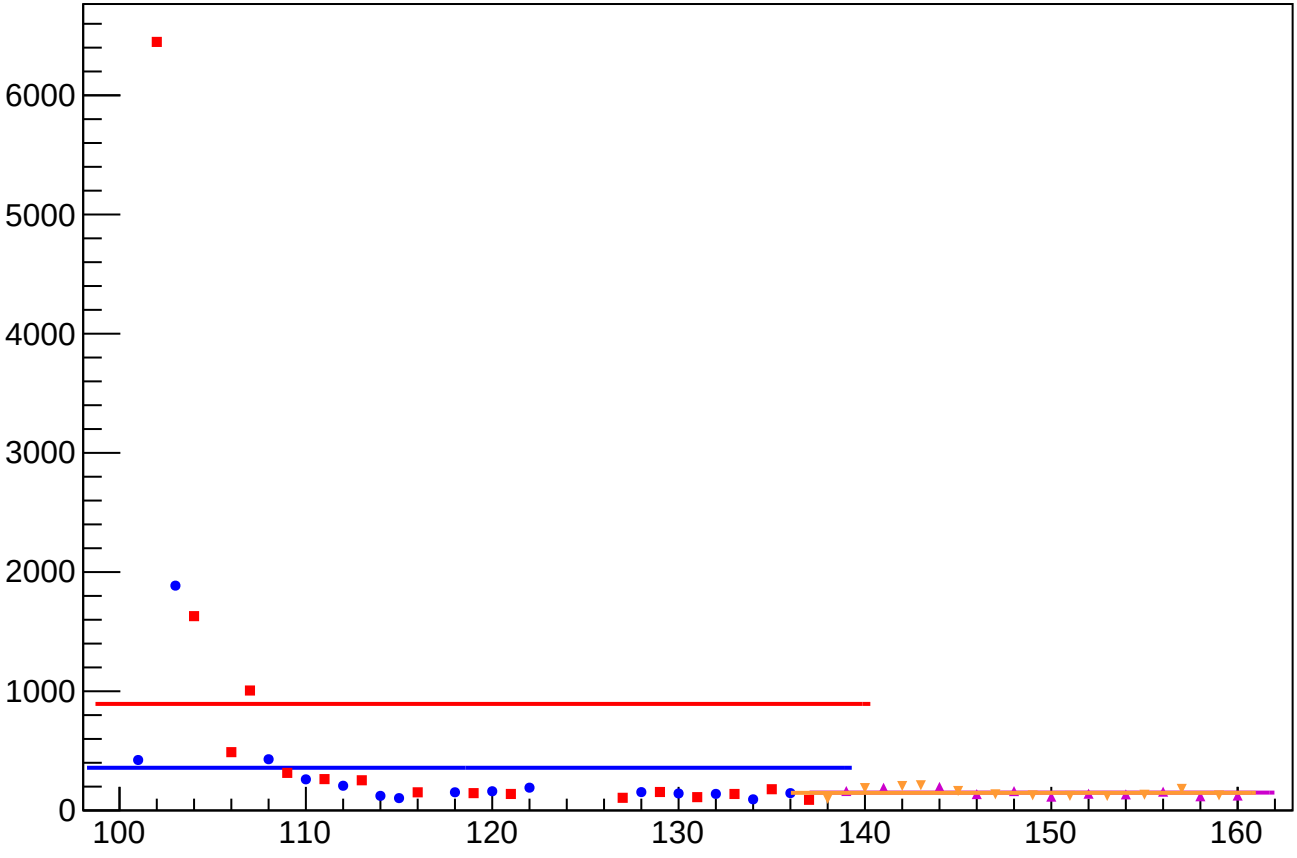
Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14
+ sign -2115.243+/-0.000 χ^2/NDF: 6242431119735
Left Out: -2504.960+/-0.000 χ^2/NDF:542249769761323021228329795240040228454 4.0/11
All: -2364.838+/-0.000 χ^2/NDF: 8090017506
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 234.990+/-0.000 χ^2/NDF: 17578822260845 8

Left Out: 147.874+/-0.000 χ^2/NDF:1073020519575473807448825753294077952.0/11

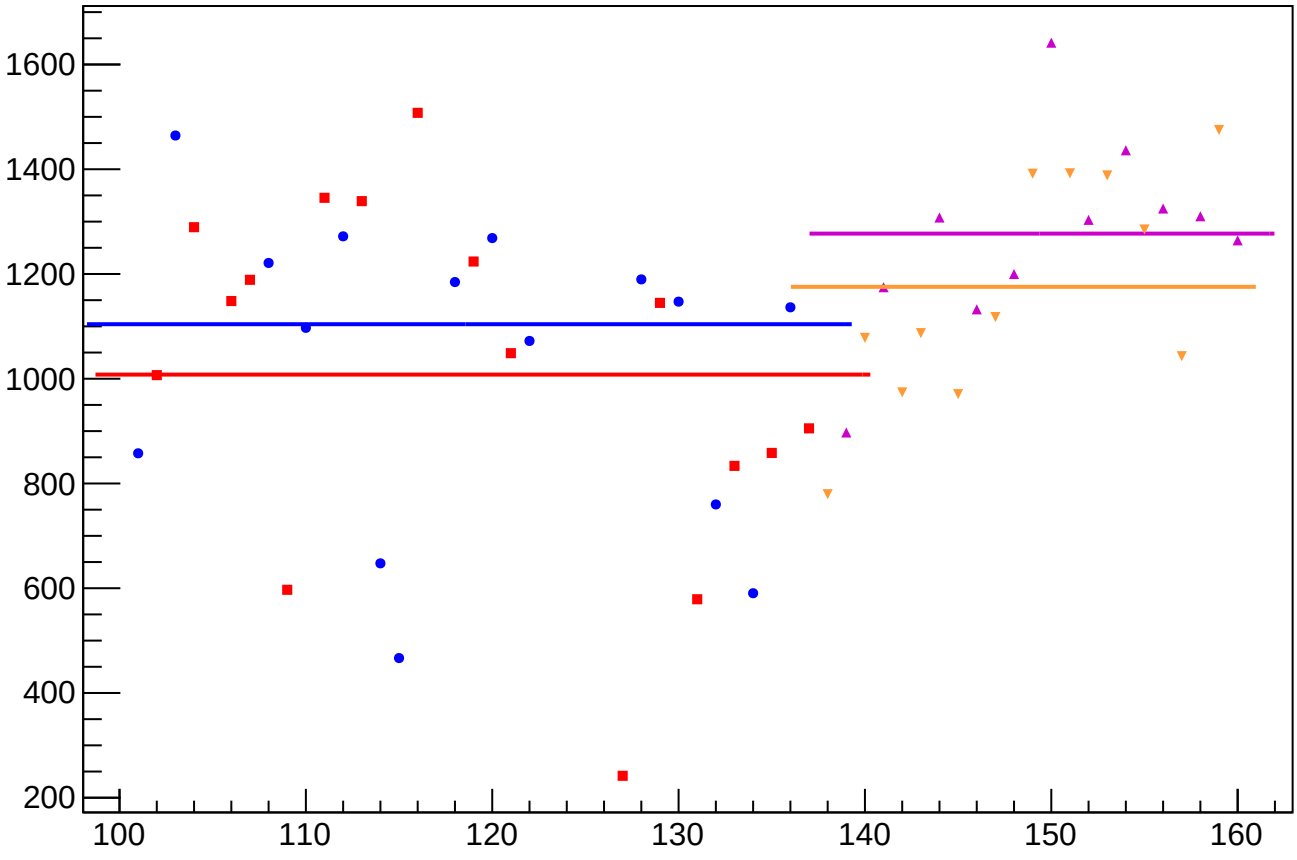
All: 349.276+/-0.000 χ^2/NDF: 2507404308 35

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

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

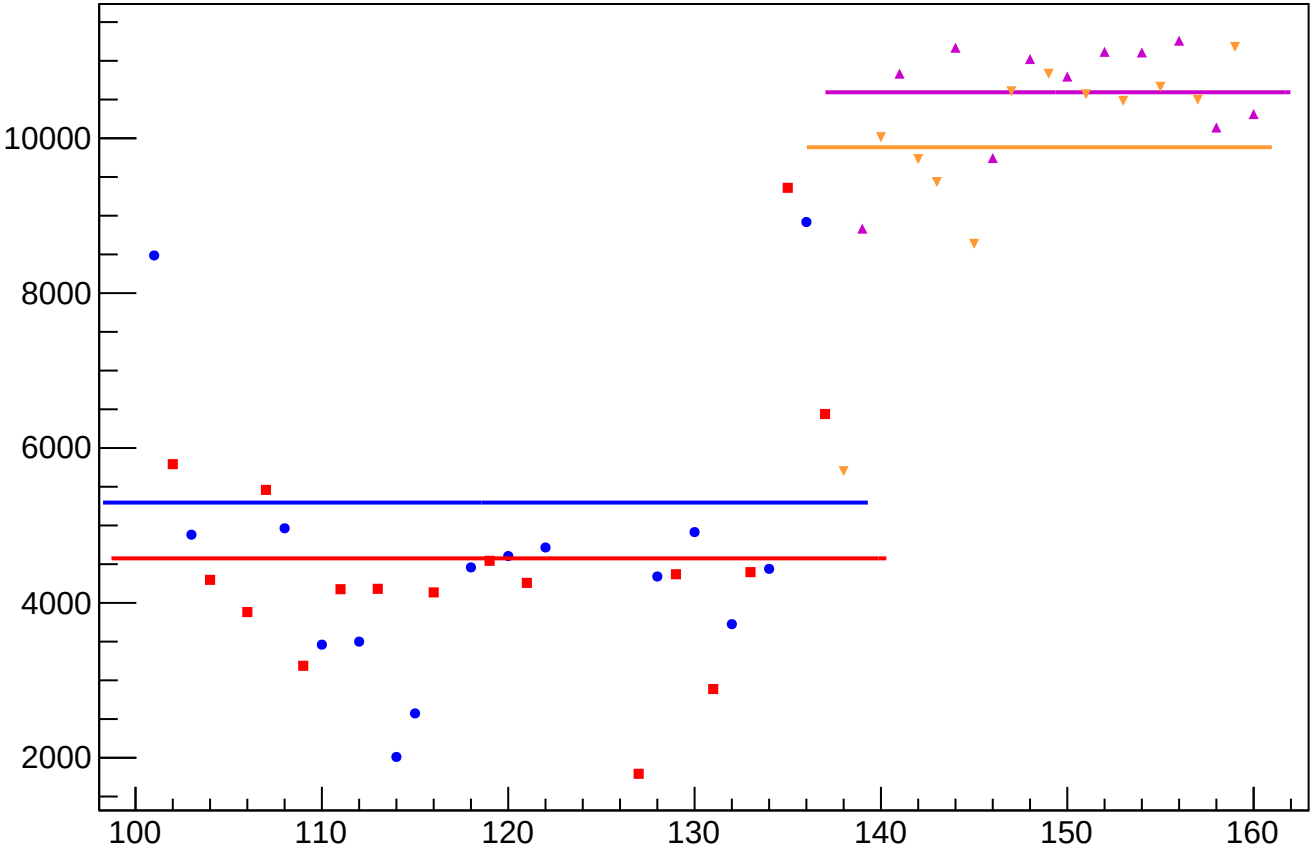
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Left Out: 9883.978+/-0.000 χ^2/NDF:190242889100524840855333644976504019353 6.0/11

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

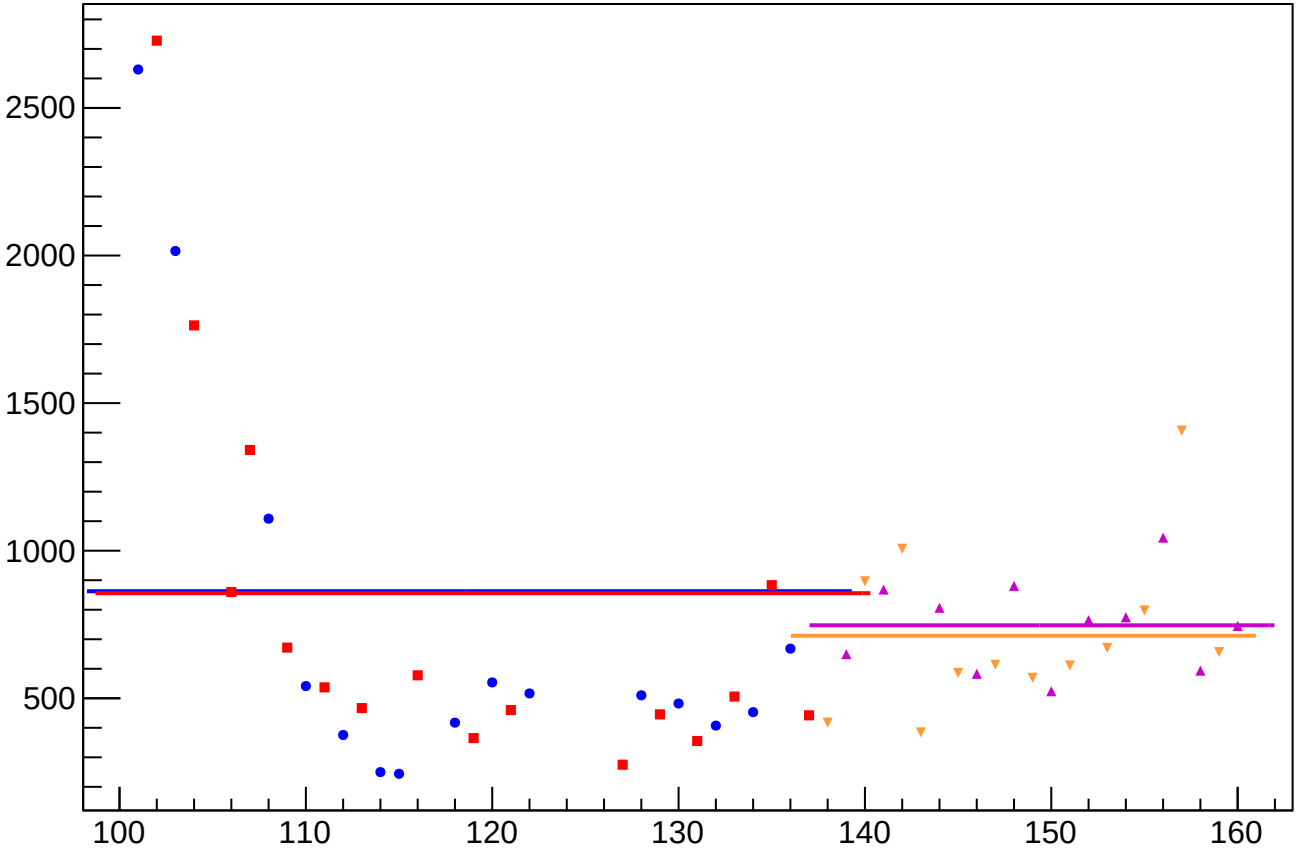
Left In: 10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

+ sign 7982.361+/-0.000 χ^2/NDF: 1240940669468 6

All: 8026.933+/-0.000 χ^2/NDF: 2878187232 2

- 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: 711.884+/-0.000 χ^2/NDF:643925084046209920087619394177083637 76.0/11

Right Out: 856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15

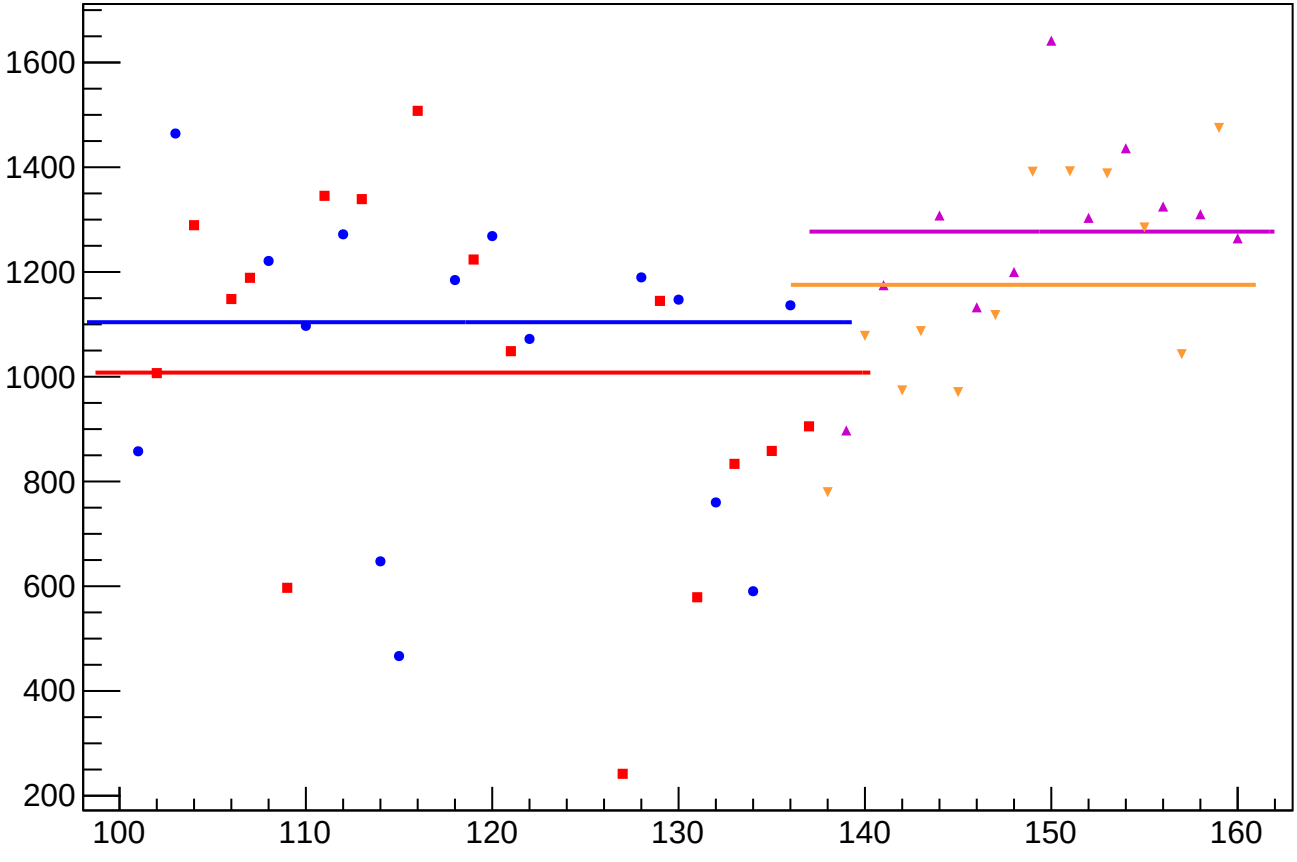
Left In: 747.275+/-0.000 χ^2/NDF:196788473957277300983106422420306657 28.0/10

+ sign 774.380+/-0.000 χ^2/NDF: 4107185691792 73

All: 783.704+/-0.000 χ^2/NDF: 7624468795 18

- sign 792.881+/-0.000 χ^2/NDF: 3514581772475 38

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

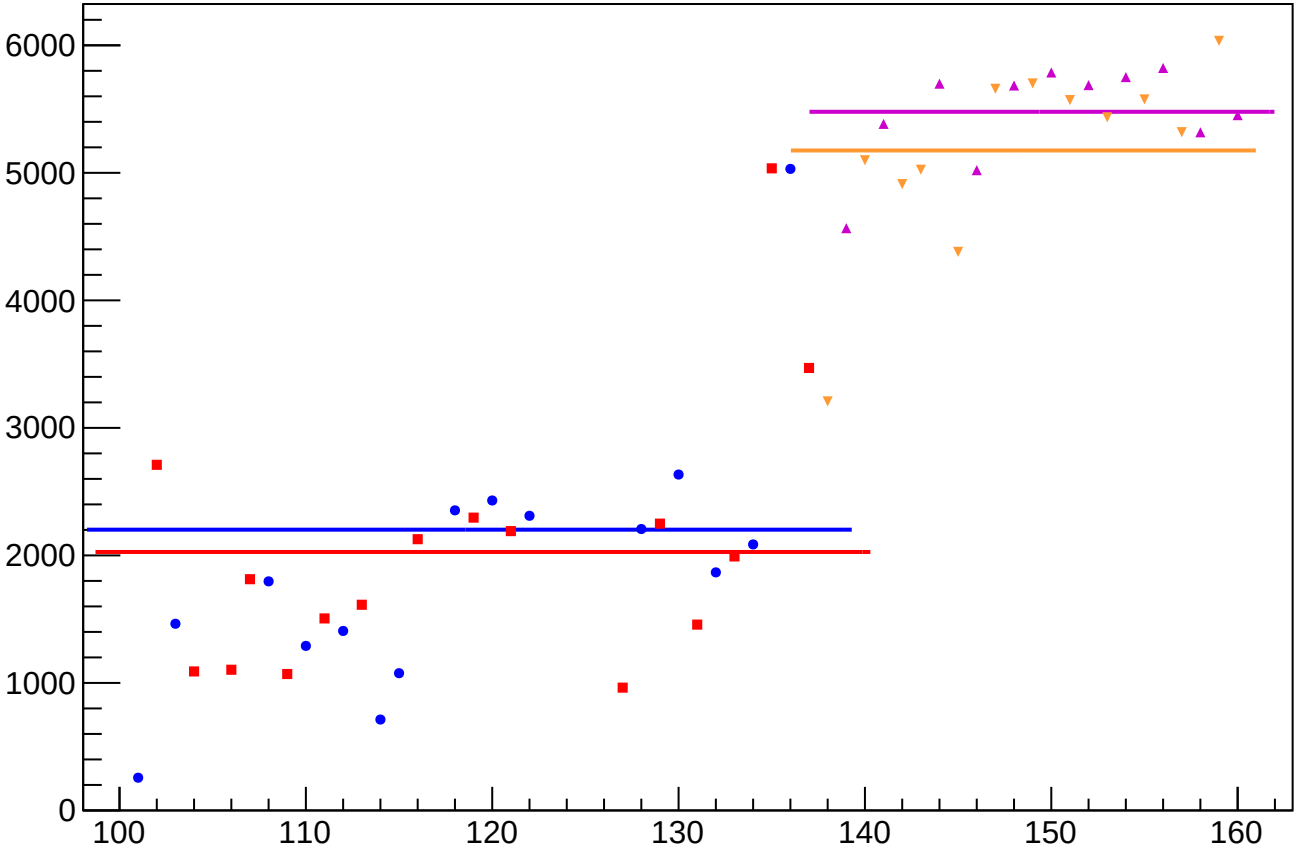
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

+ sign 3943.116+/-0.000 χ^2/NDF: 4938181334007

Left Out: 5175.489+/-0.000 χ^2/NDF:4911630823988612447776806044453222248192.0/11

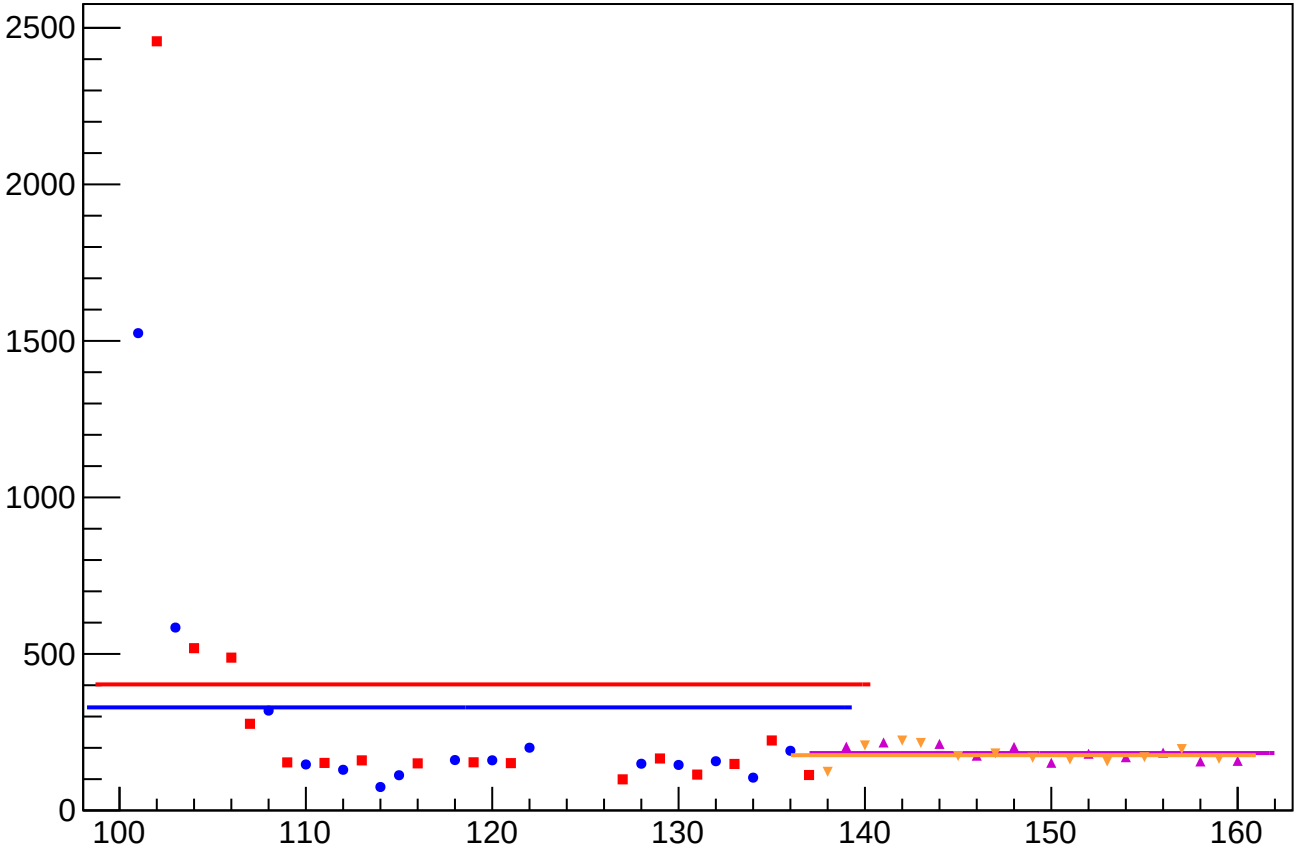
All: 3987.722+/-0.000 χ^2/NDF: 1039252655

Right Out: 2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

- sign 4031.627+/-0.000 χ^2/NDF: 54481624345363

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: 176.521+/-0.000 χ^2/NDF:6039540206495428096578451207786332 16.0/11

Right Out: 402.690+/-0.000 χ^2/NDF: 2776360567932933742421160535150034944 00.0/15

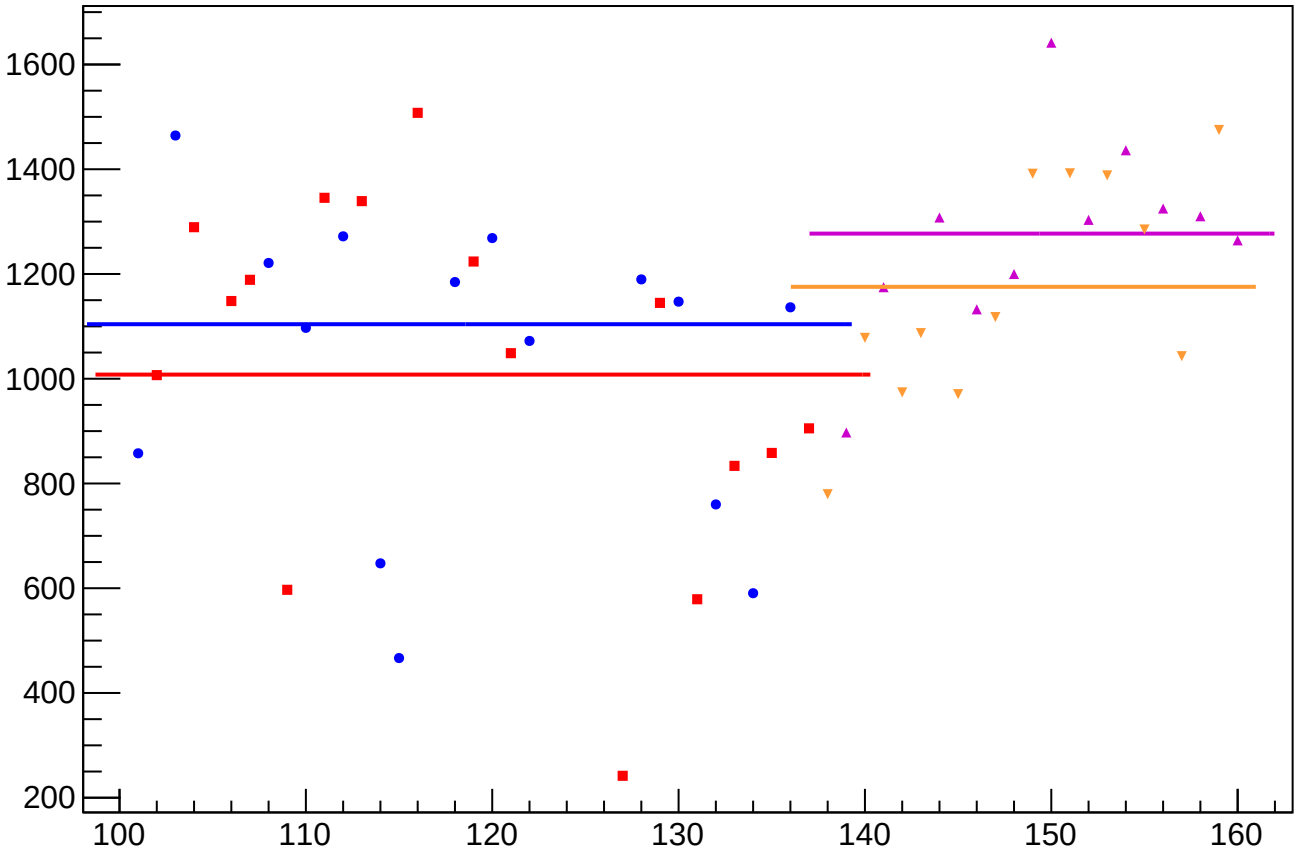
Left In: 183.411+/-0.000 χ^2/NDF:4527898140182757516378755356573040 64.0/10

+ sign 239.808+/-0.000 χ^2/NDF: 1127512816951 60

All: 257.715+/-0.000 χ^2/NDF: 4104626255 83

- sign 275.340+/-0.000 χ^2/NDF: 2967149718551 96

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

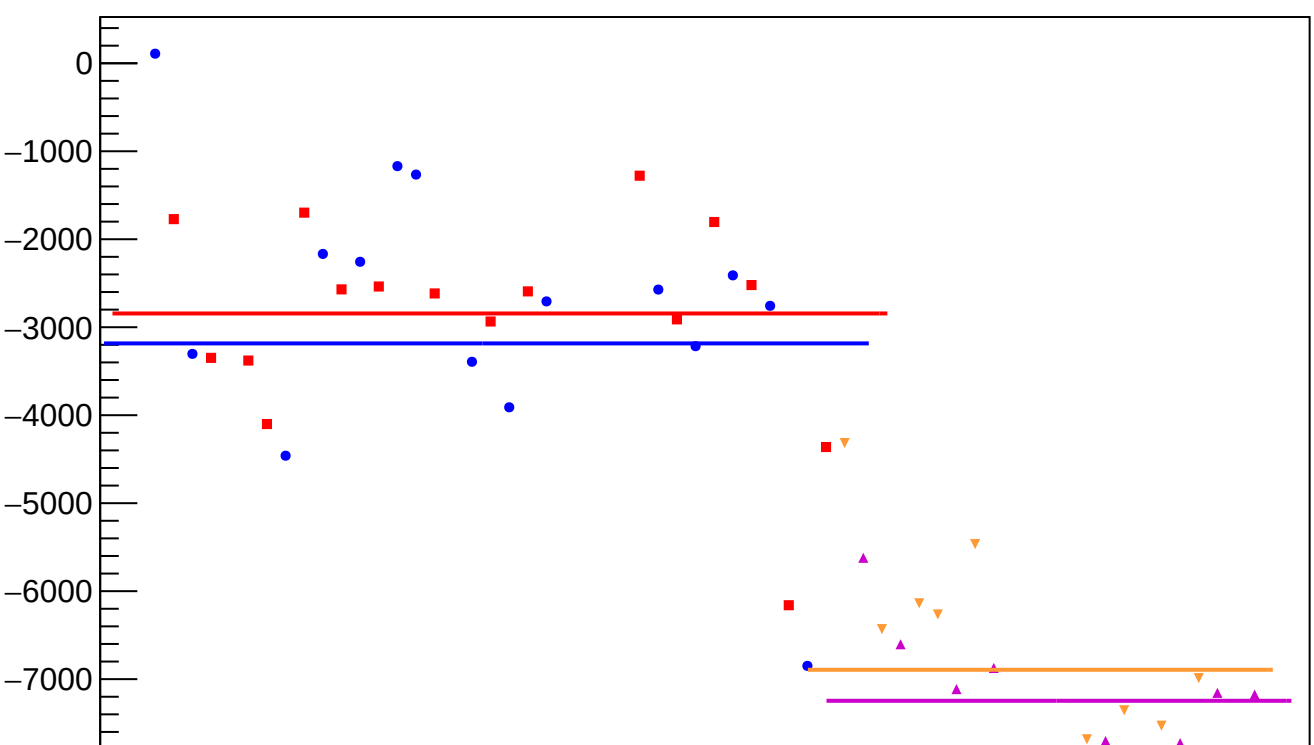
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

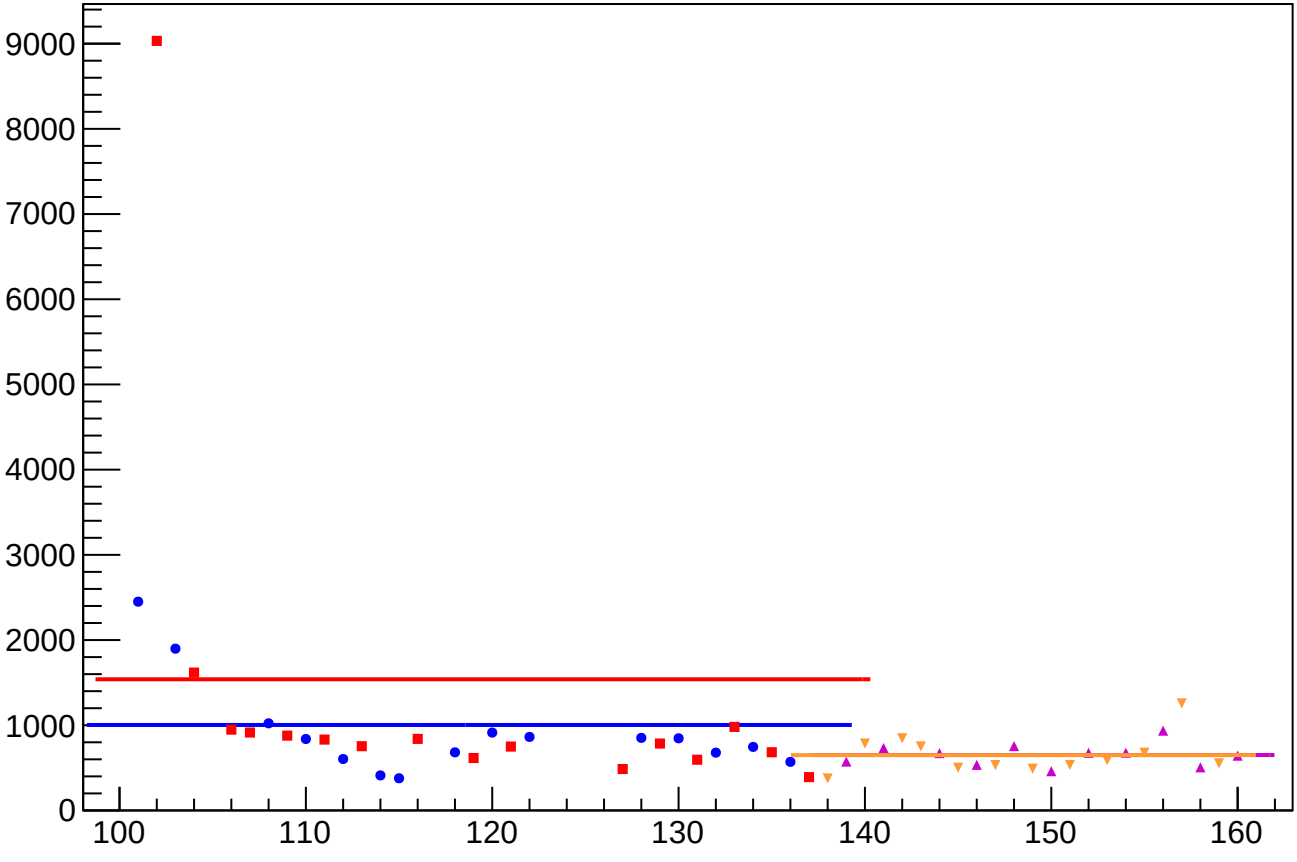
Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14
+ sign -5356.219+/-0.000 χ^2/NDF: 8531737355376
Left Out: -6893.642+/-0.000 χ^2/NDF:116679699255139559190048971936861729587 2.0/11
All: -5378.444+/-0.000 χ^2/NDF: 1738954260
Right Out: -2843.597+/-0.000 χ^2/NDF: 947077611563723244705531091944015396864.0/15
- sign -5400.320+/-0.000 χ^2/NDF: 88562703442088
Left In: -7245.920+/-0.000 χ^2/NDF:401760462783969098772010925007315140608.0/10

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

+ sign 796.141+/-0.000 χ^2/NDF: 313492413123593

Left Out: 649.450+/-0.000 χ^2/NDF:460645701363968551689380234551298621 44.0/11

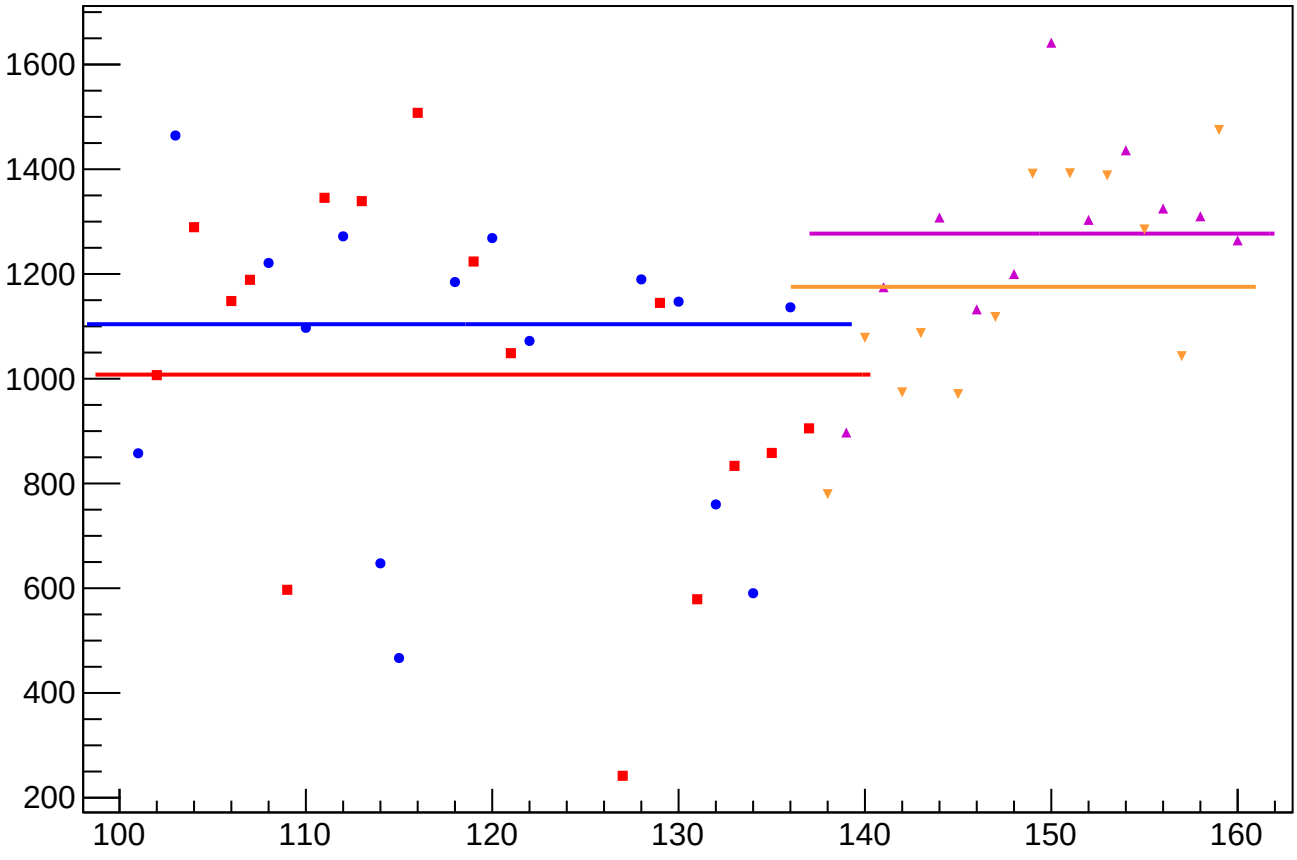
All: 910.662+/-0.000 χ^2/NDF: 42898061072 8

Right Out: 1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372 88448.0/15

- 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

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

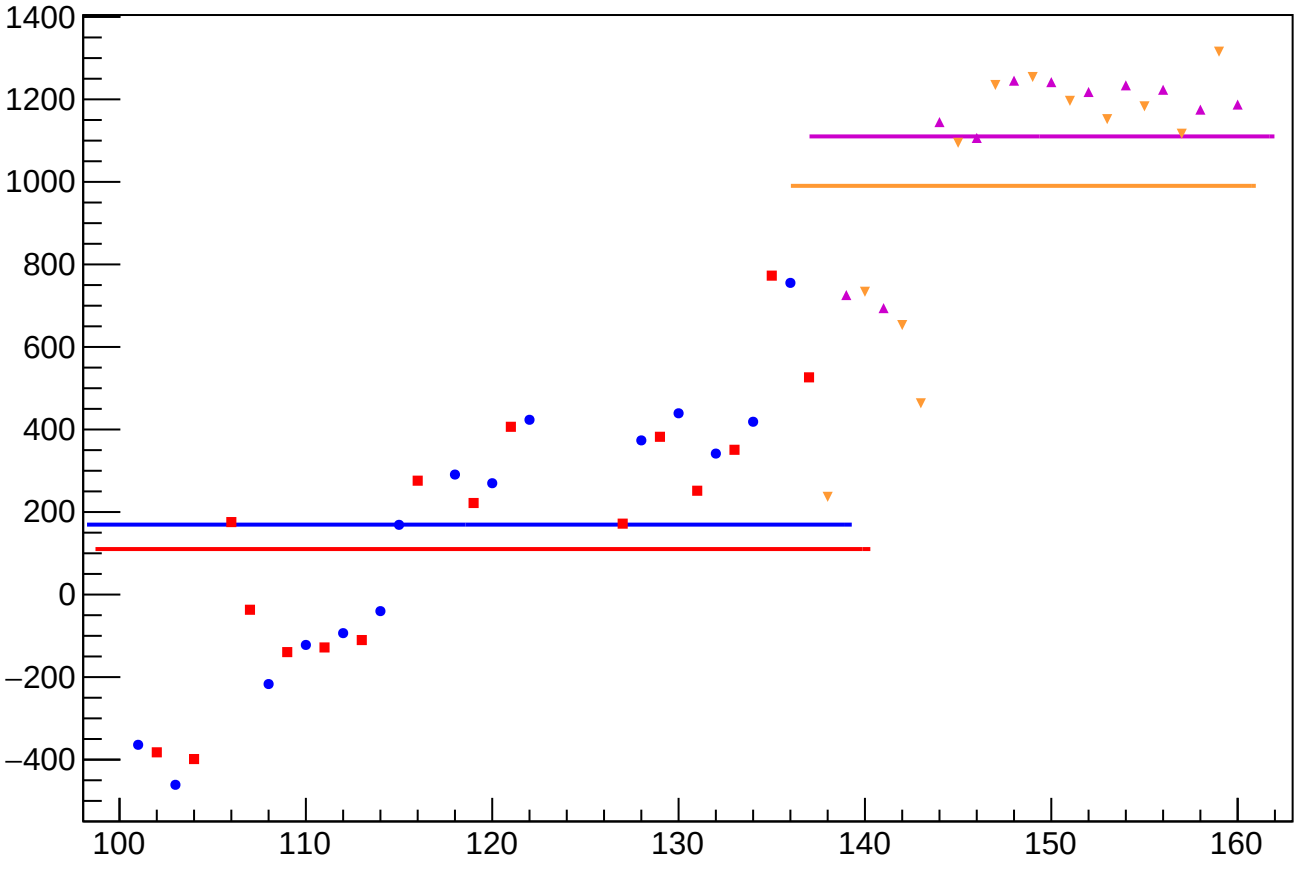
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Left Out: 990.430+/-0.000 χ^2/NDF:1030909105316597543128825016539917844 48.0/11

Right Out: 110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988121 6.0/15

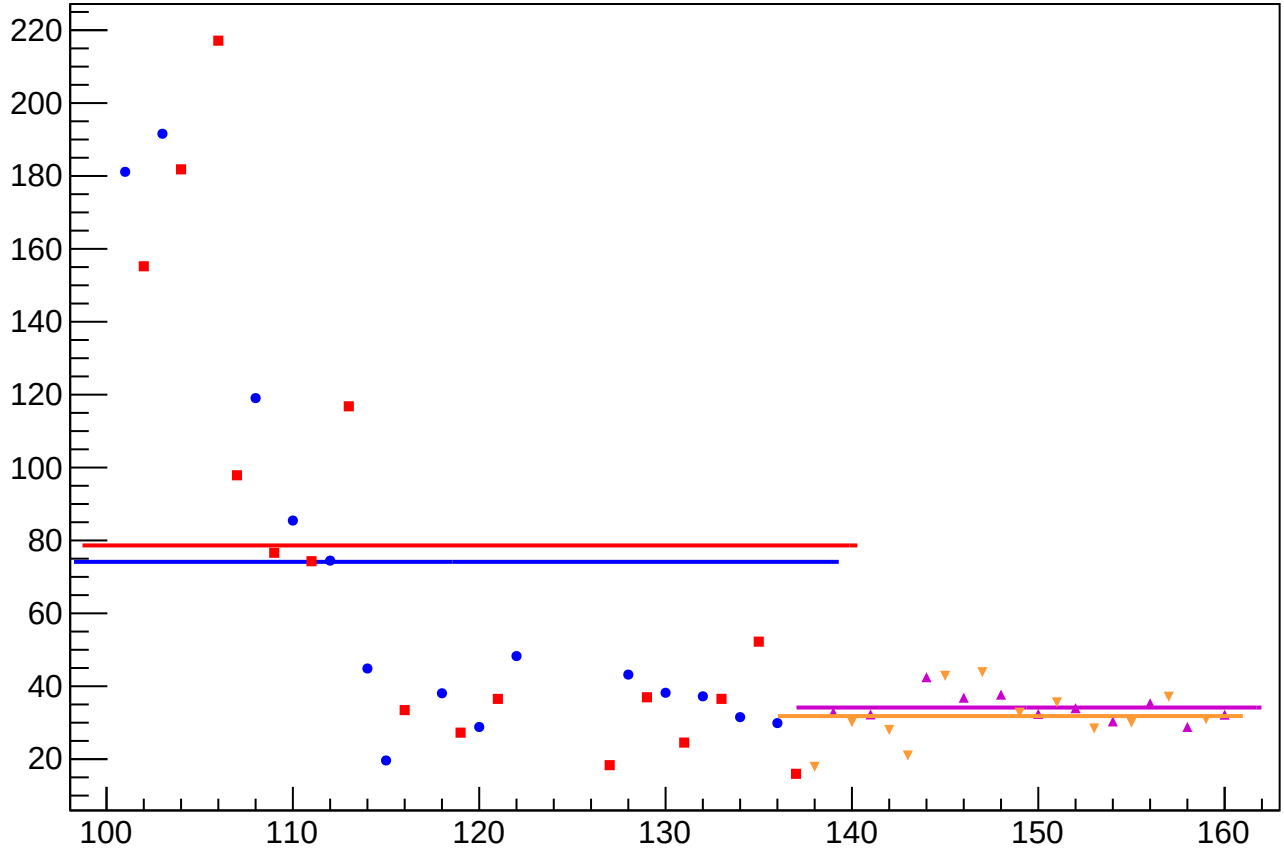
Left In: 1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

+ sign 650.206+/-0.000 χ^2/NDF: 4546479941777 62

All: 670.768+/-0.000 χ^2/NDF: 9491170335 88

- sign 691.006+/-0.000 χ^2/NDF: 4931552740899 20

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

+ sign 49.349+/-0.000 χ^2/NDF: 2898641022839379

Left Out: 31.811+/-0.000 χ^2/NDF:4971450270807435580451353344658636 8.0/11

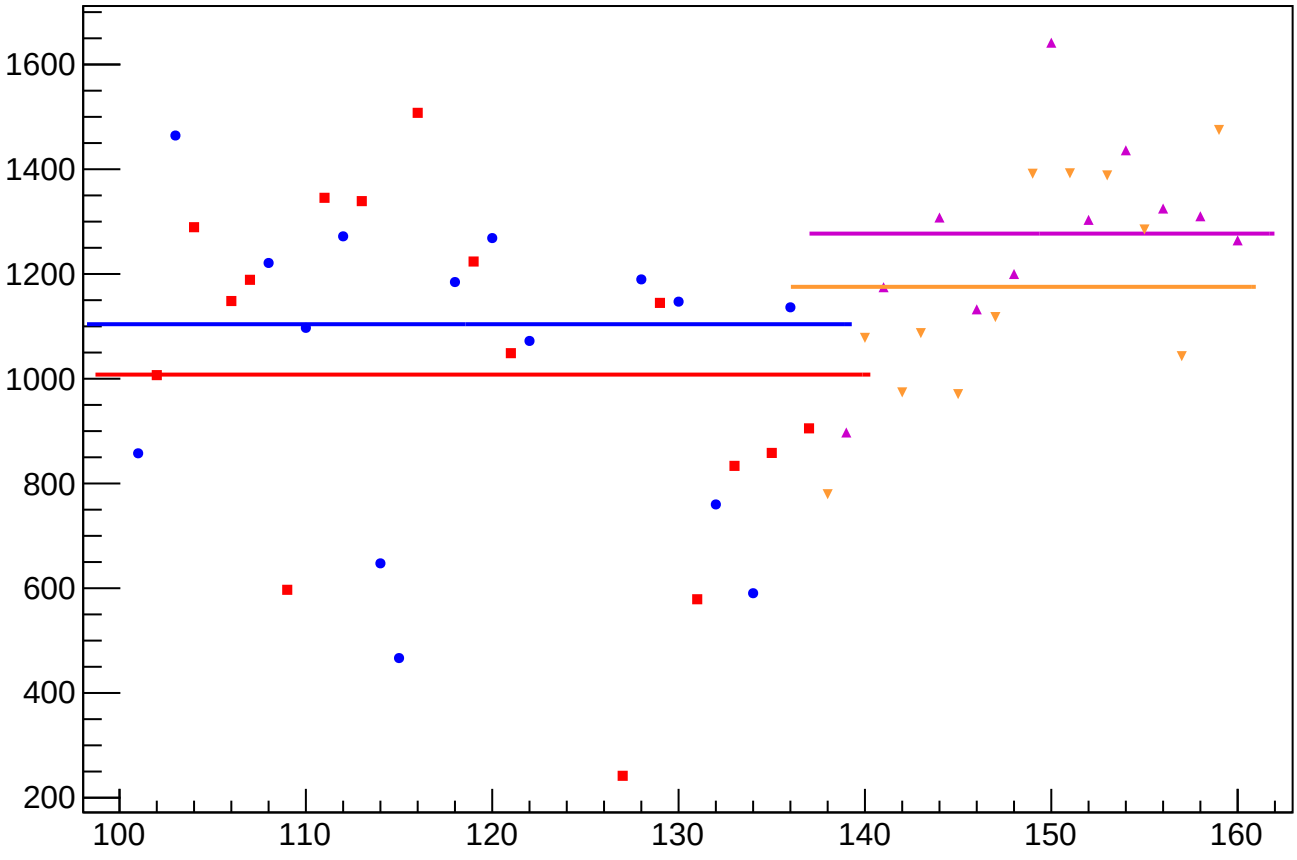
All: 51.090+/-0.000 χ^2/NDF: 6030042065717

Right Out: 78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

- sign 52.804+/-0.000 χ^2/NDF: 3121982731392082

Left In: 34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

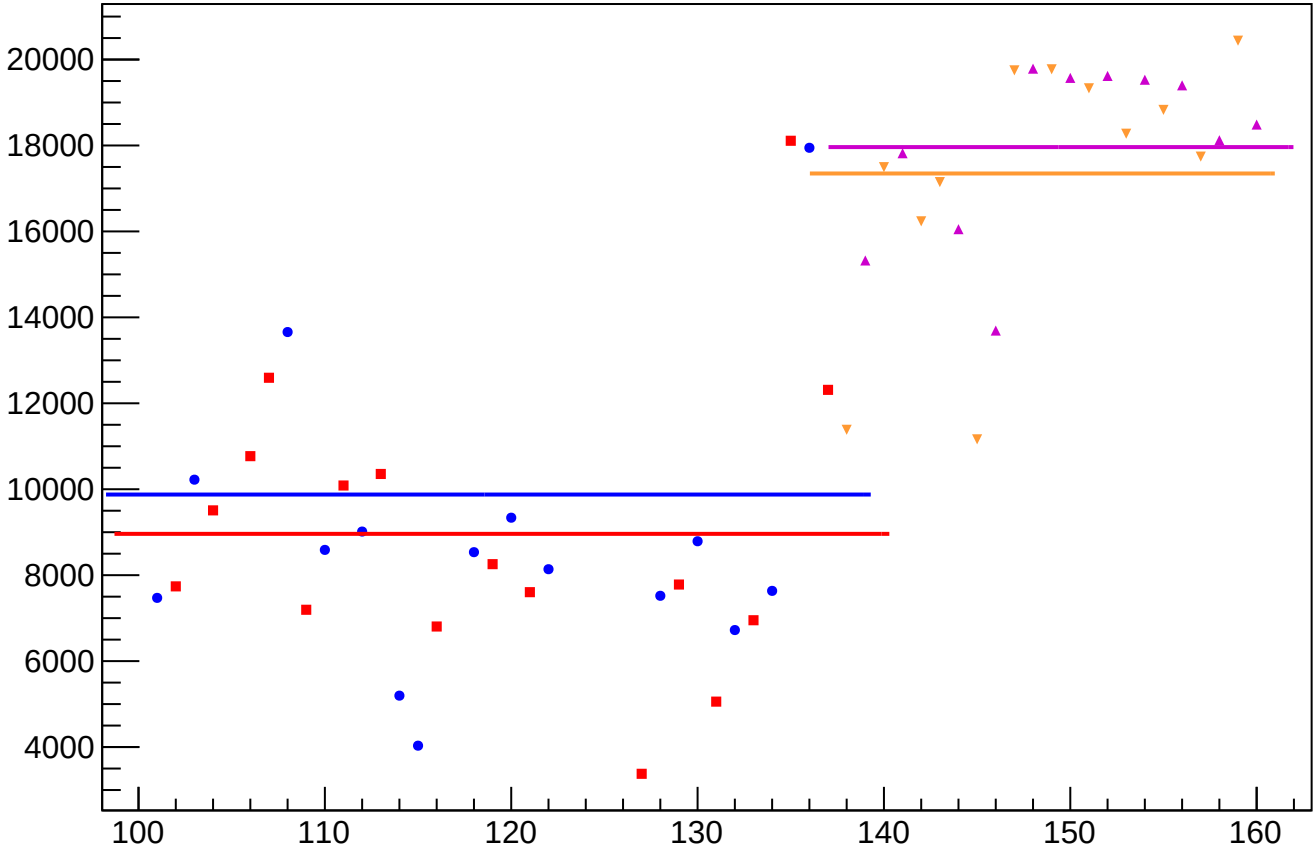
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

+ sign 14251.650+/-0.000 χ^2/NDF: 3790609532840

Left Out: 17348.108+/-0.000 χ^2/NDF:8207548108596149921739030122495561695232.0/11

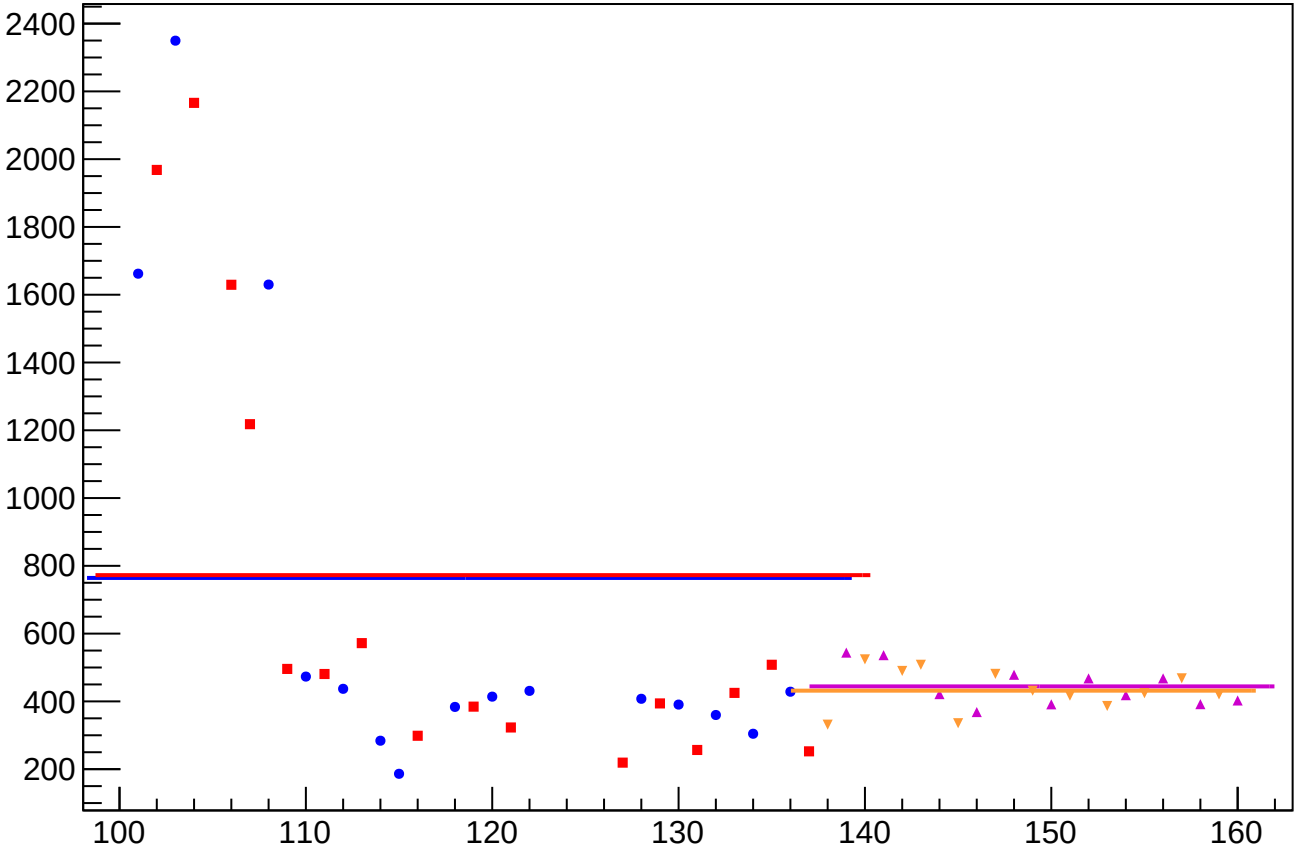
All: 14220.096+/-0.000 χ^2/NDF: 8044123795

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 569.511+/-0.000 χ^2/NDF: 336291177714798

Left Out: 431.662+/-0.000 χ^2/NDF:328042151415945122222291980456348876 8.0/11

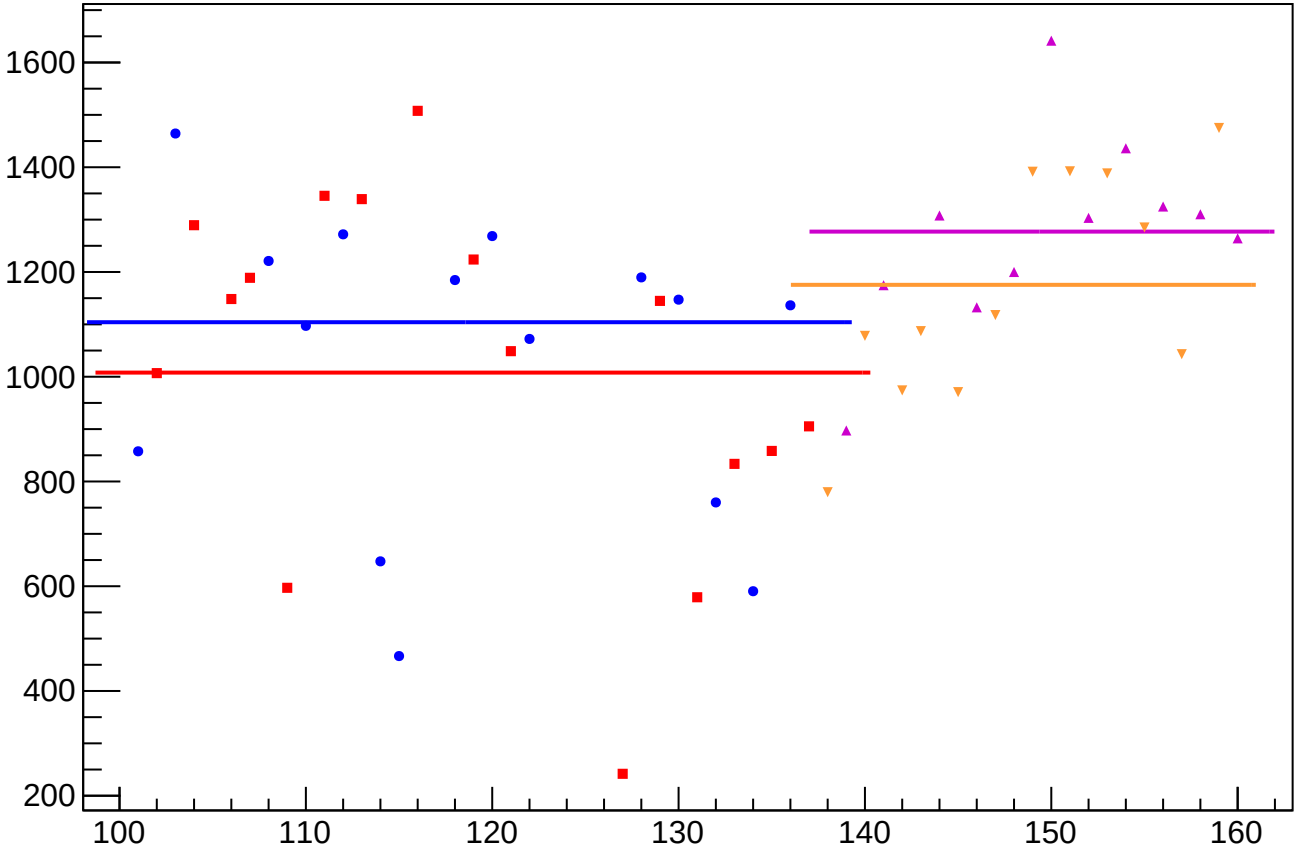
All: 575.745+/-0.000 χ^2/NDF: 66697264904 9

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

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

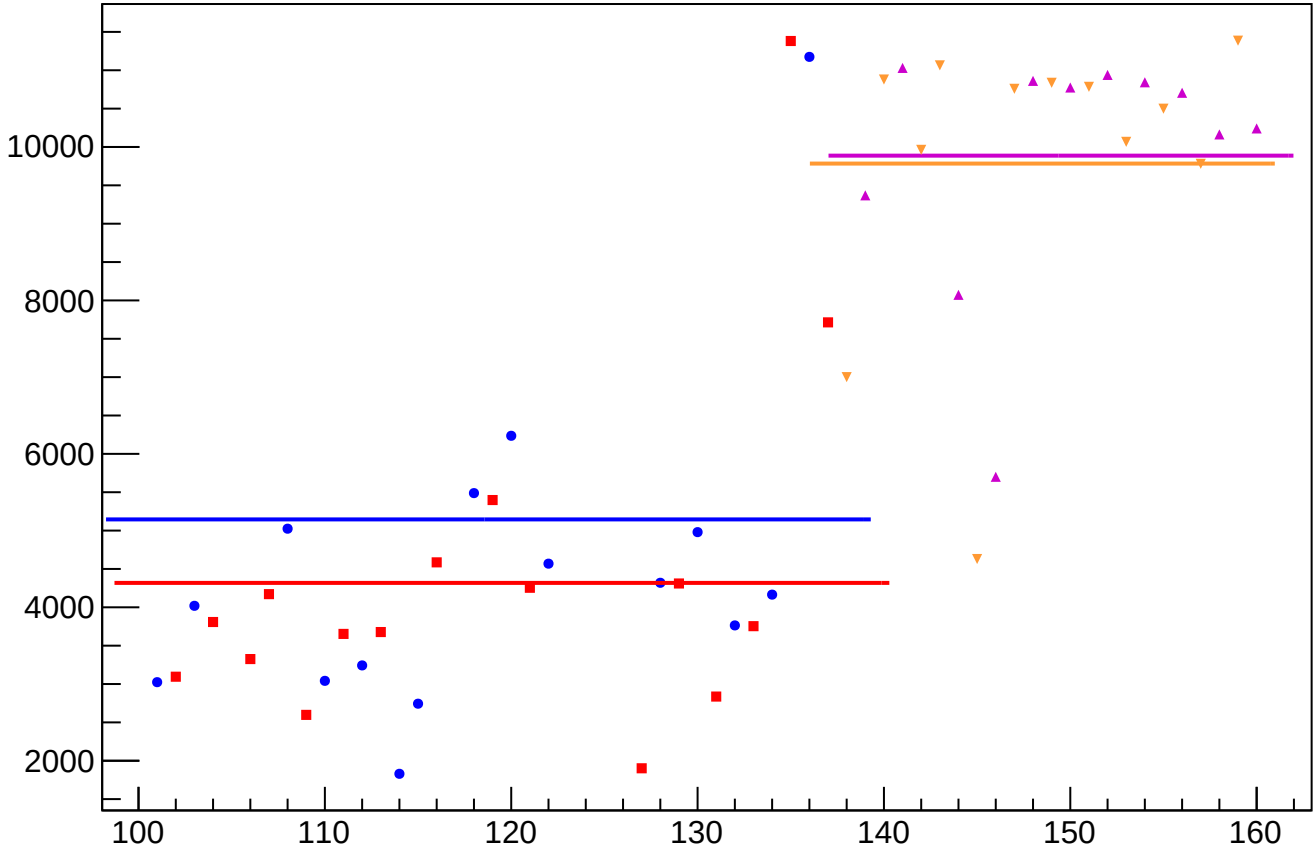
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

+ sign 7861.503+/-0.000 χ^2/NDF: 15911133661545

Left Out: 9783.623+/-0.000 χ^2/NDF:3463460967659182435053933688350532698112.0/11

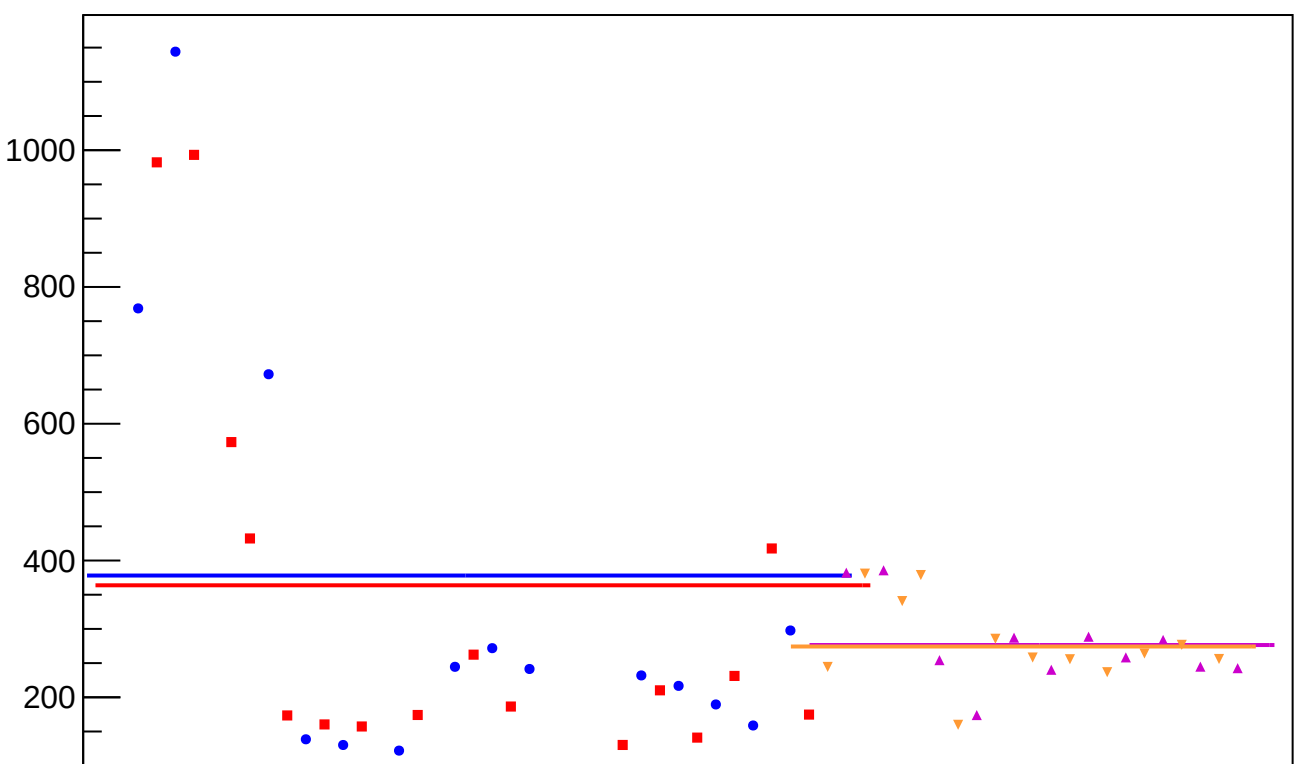
All: 7705.719+/-0.000 χ^2/NDF: 3362383937

Right Out: 4318.126+/-0.000 χ^2/NDF: 3345176554564755427312533888908526616576.0/15

- sign 7552.383+/-0.000 χ^2/NDF: 17637293606384

Left In: 9887.069+/-0.000 χ^2/NDF:2278516780225824082632420288802127347712.0/10

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Left Out: 274.281+/-0.000 χ^2/NDF:32108665703217245013068466707706675 20.0/11

Right Out: 363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668800 0.0/15

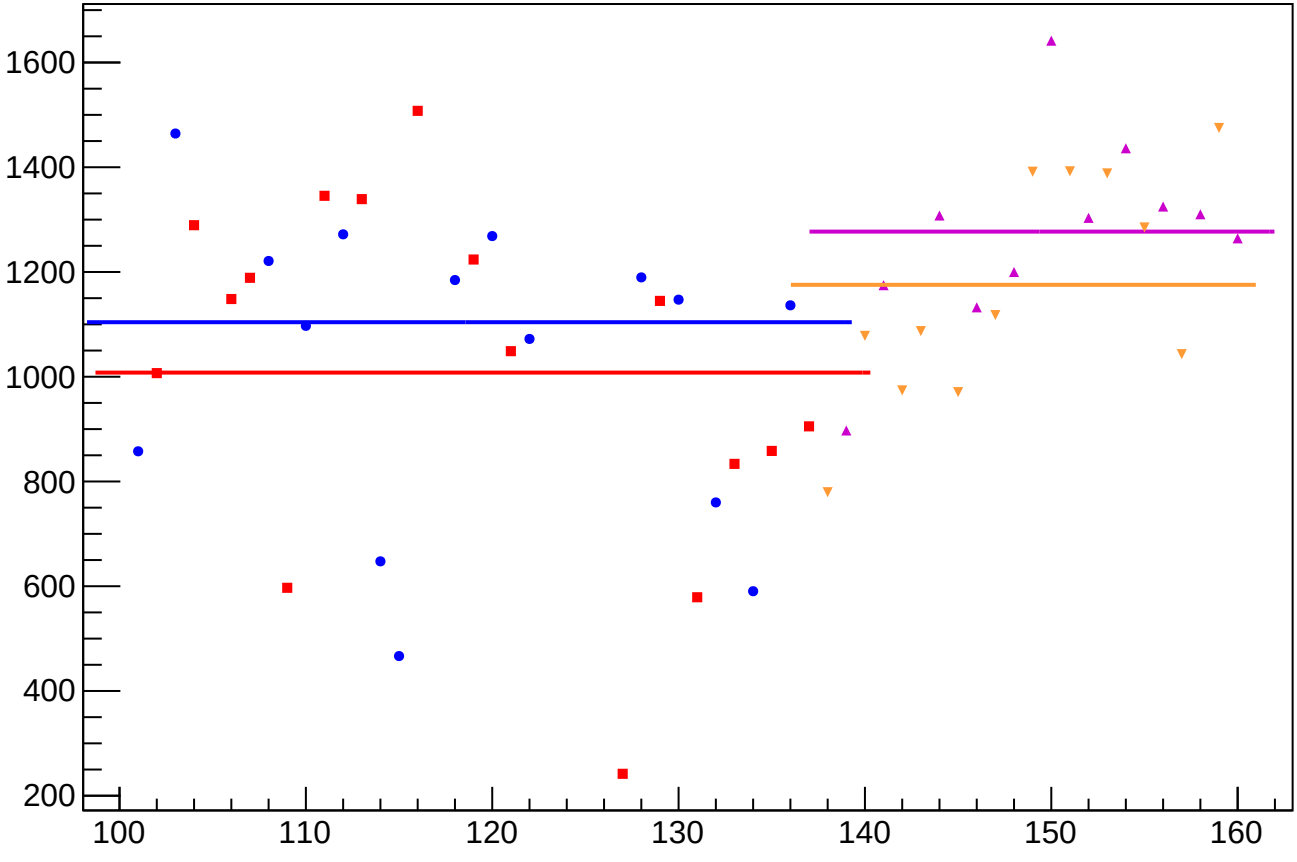
Left In: 276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

+ sign 317.287+/-0.000 χ^2/NDF: 68819823881186 2

All: 315.150+/-0.000 χ^2/NDF: 1339970037 69

- 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

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

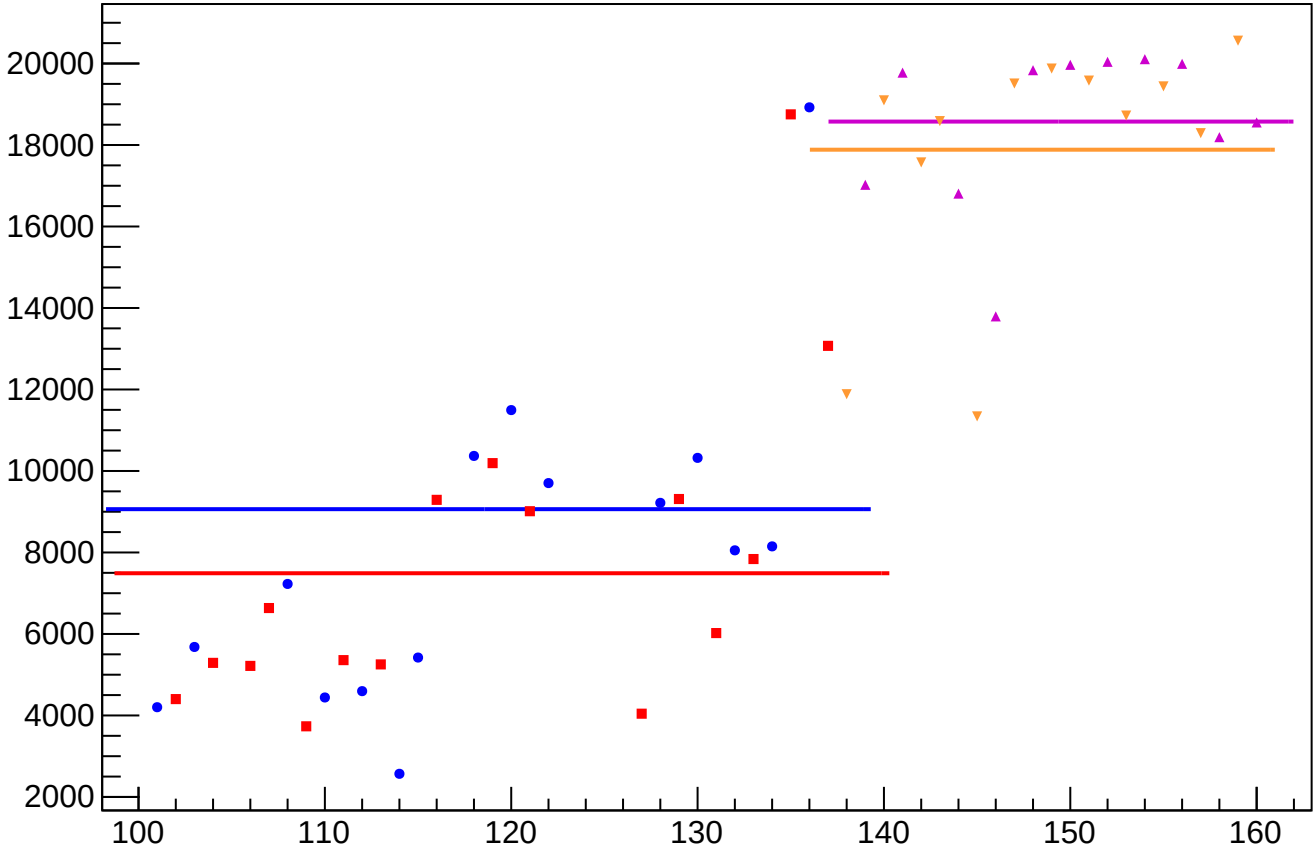
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

+ sign 14228.663+/-0.000 χ^2/NDF: 5123479115016

Left Out: 17884.828+/-0.000 χ^2/NDF:8035777278860305028144675580255817170944.0/11

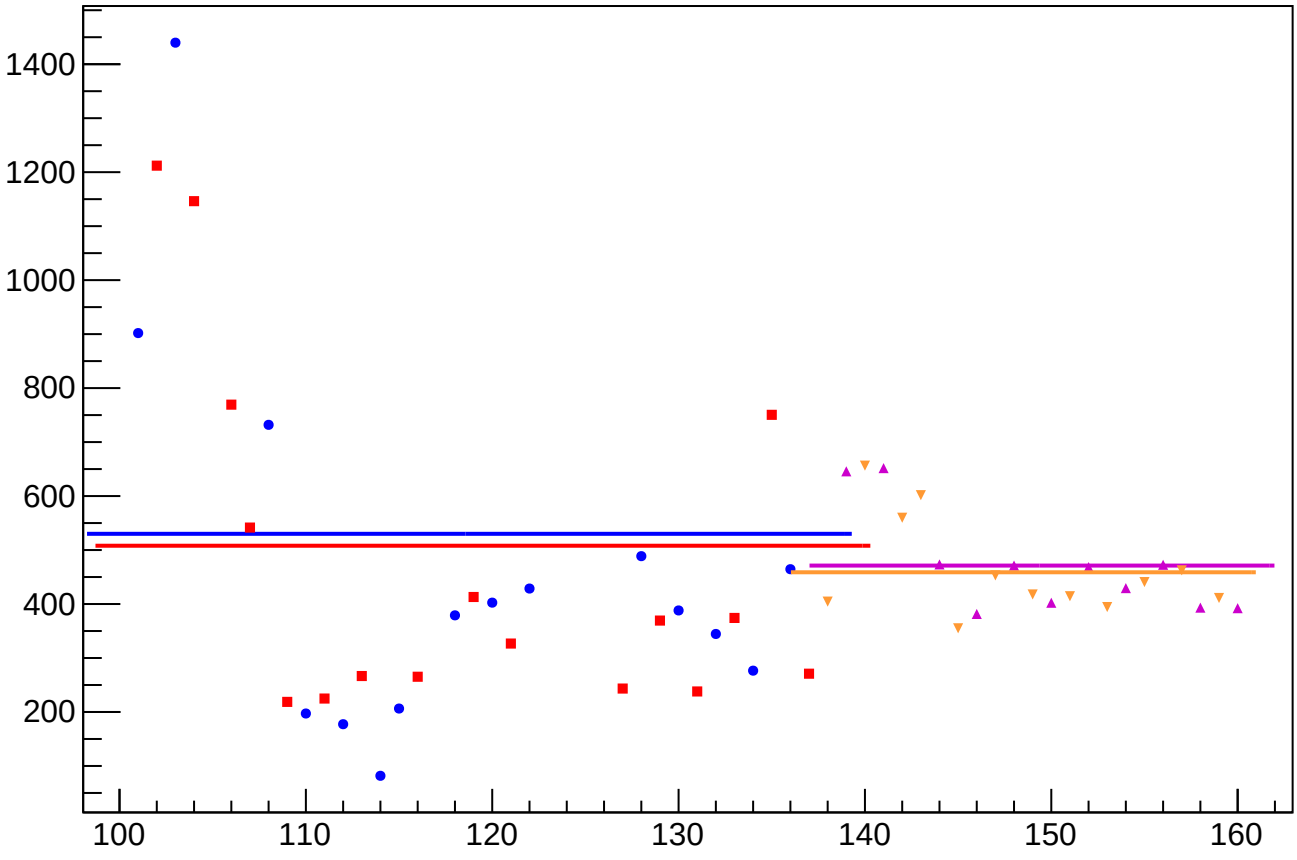
All: 14077.035+/-0.000 χ^2/NDF: 112382978 9

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:3371752936319538414648384836142763081728.0/10

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF: 78754676063063255524046471751880671232.0/14

Left Out: 458.806+/-0.000 χ^2/NDF:699552159448986874717336622873339494 4.0/11

Right Out: 507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

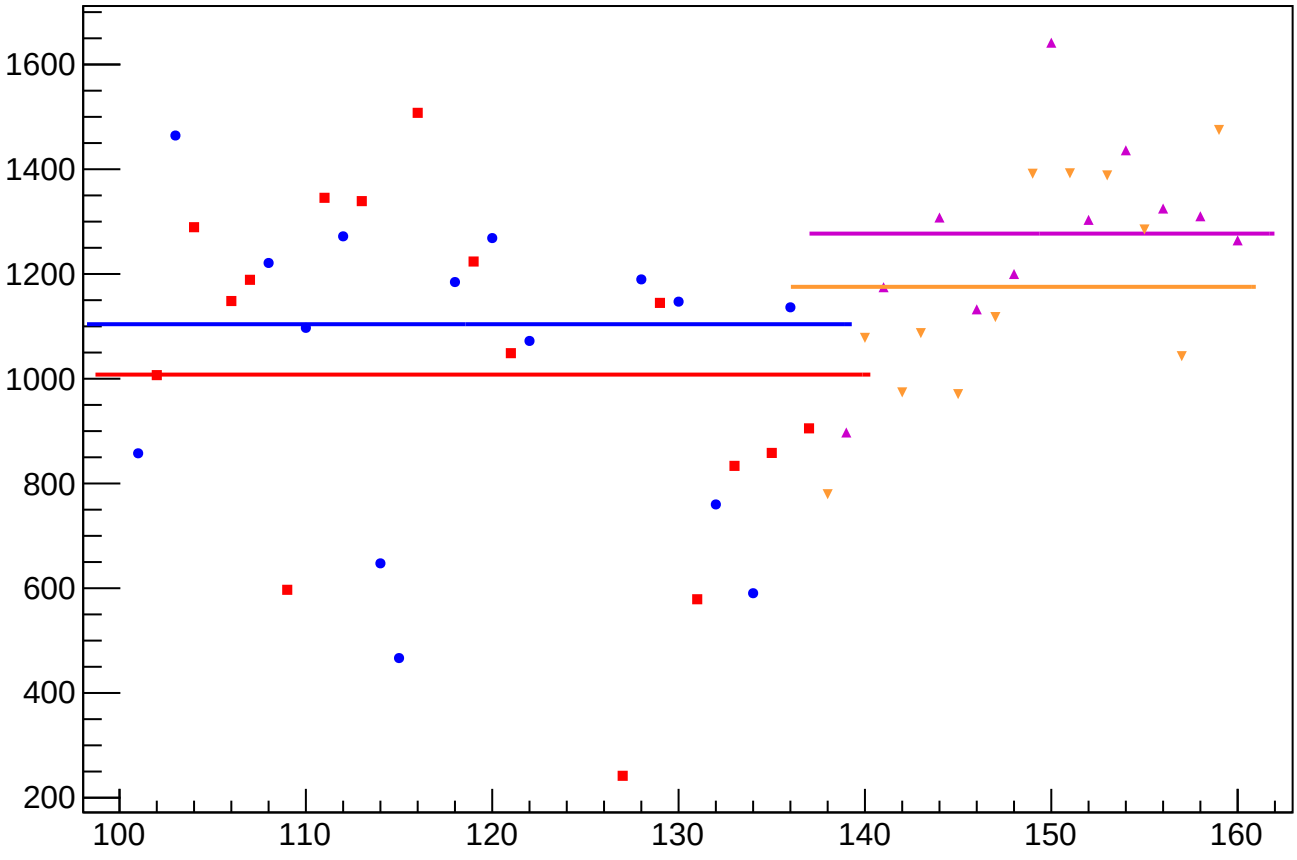
Left In: 471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

+ sign 488.335+/-0.000 χ^2/NDF: 876795060631457

All: 487.478+/-0.000 χ^2/NDF: 17234116496 4

- 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

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

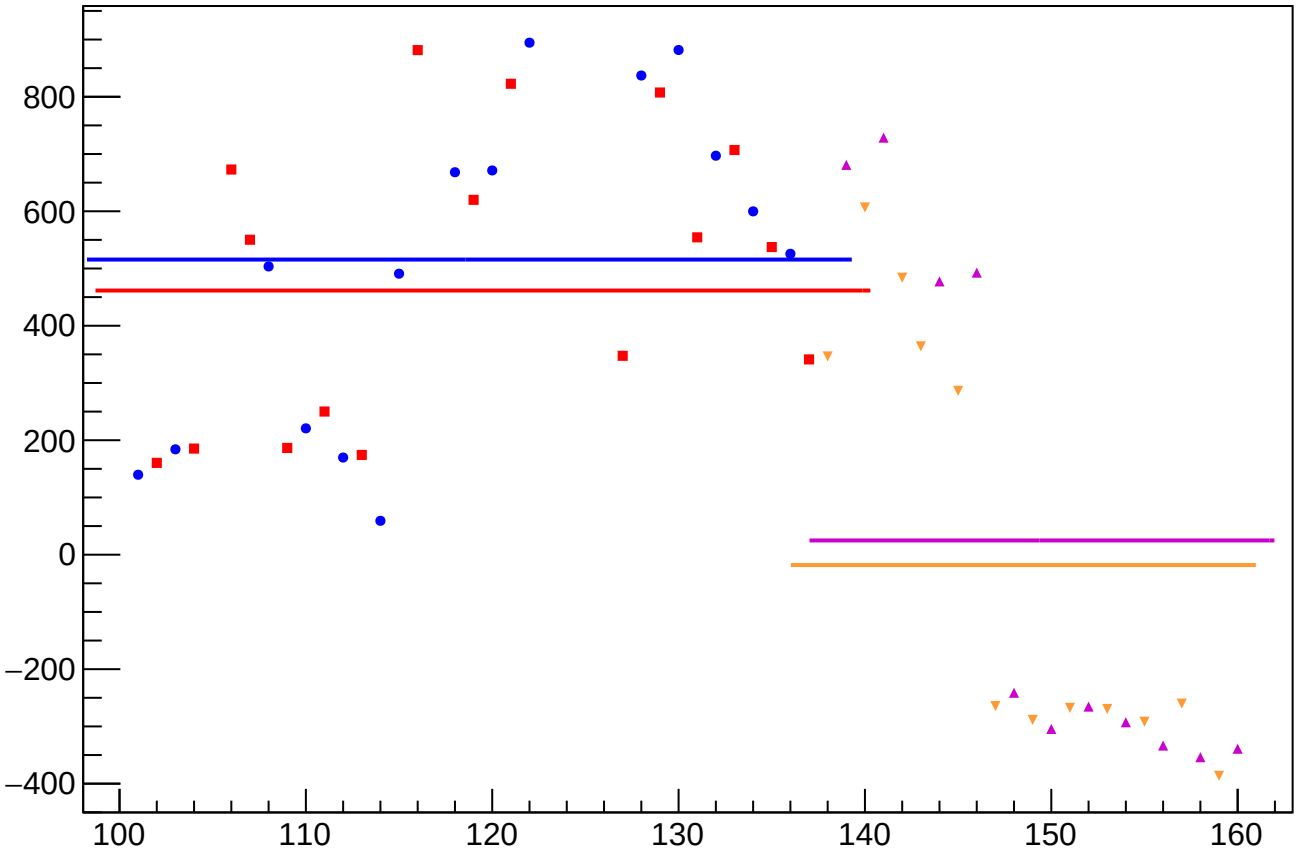
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

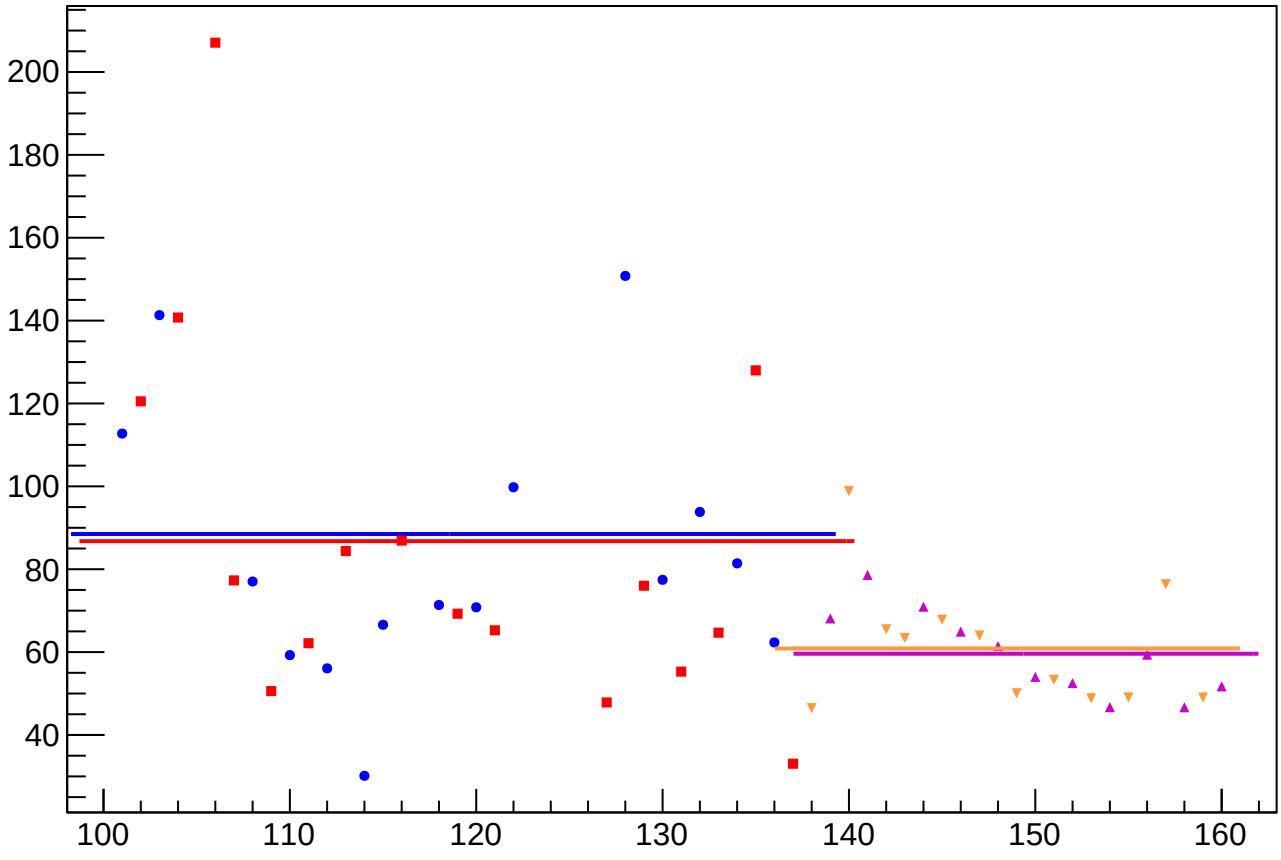
Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
+ sign 203.105+/-0.000 χ^2/NDF: 270481717005925
Left Out: -18.086+/-0.000 χ^2/NDF:113760261442063078265103594368341639168.0/11
All: 205.539+/-0.000 χ^2/NDF: 561984373916
Right Out: 461.497+/-0.000 χ^2/NDF: 404737466600913559280633068843685642 24.0/15
- sign 207.935+/-0.000 χ^2/NDF: 291484247202932
Left In: 24.898+/-0.000 χ^2/NDF:177170083146066340419686697250307702784.0/10

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF: 6432311551930355126258179632089006 08.0/14

Left Out: 60.867+/-0.000 χ^2/NDF:2083348304208426876980007665034854 40.0/11

Right Out: 86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

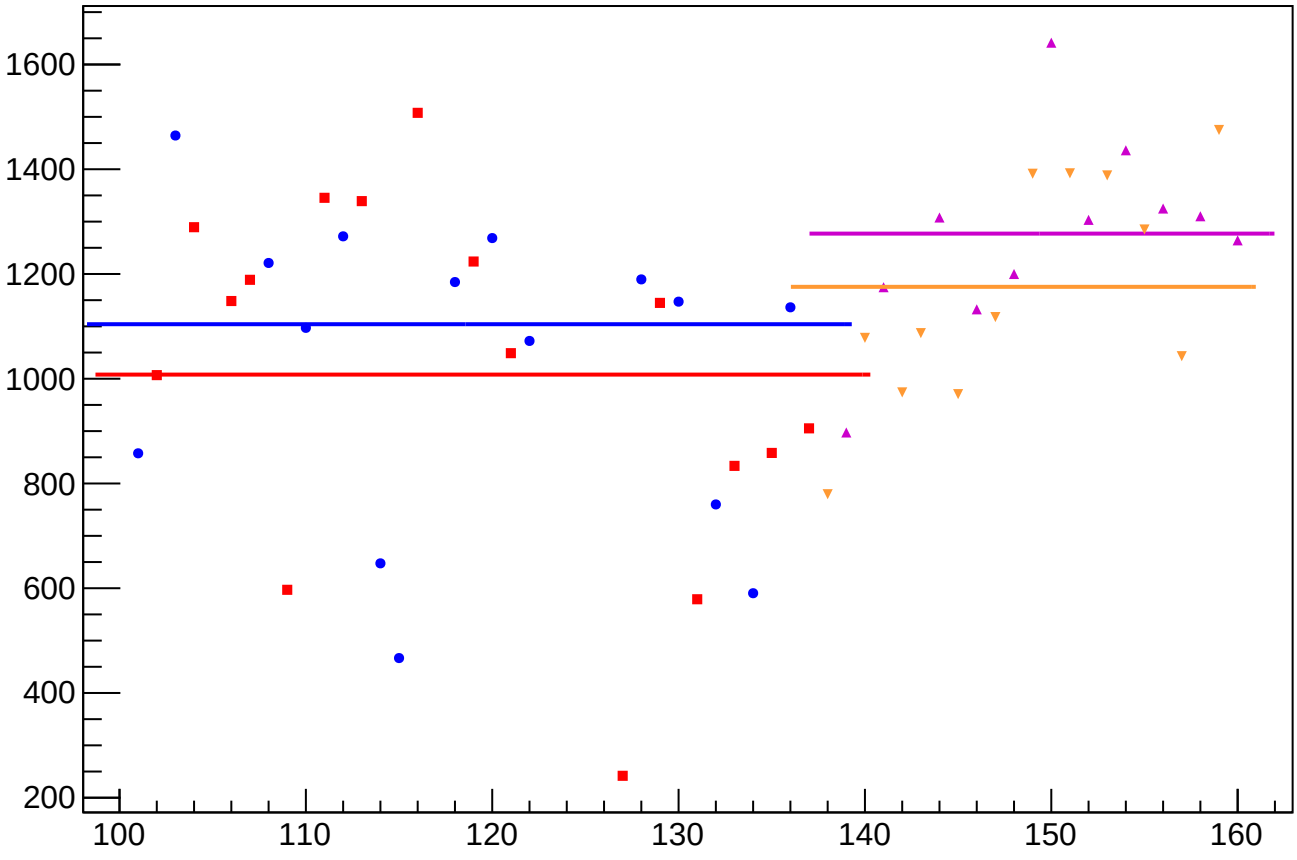
Left In: 59.604+/-0.000 χ^2/NDF:9086262518198566437532346316803 2768.0/10

+ sign 72.316+/-0.000 χ^2/NDF: 1141601170158102

All: 71.650+/-0.000 χ^2/NDF: 2578992350309

- sign 70.994+/-0.000 χ^2/NDF: 1436012461961461

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

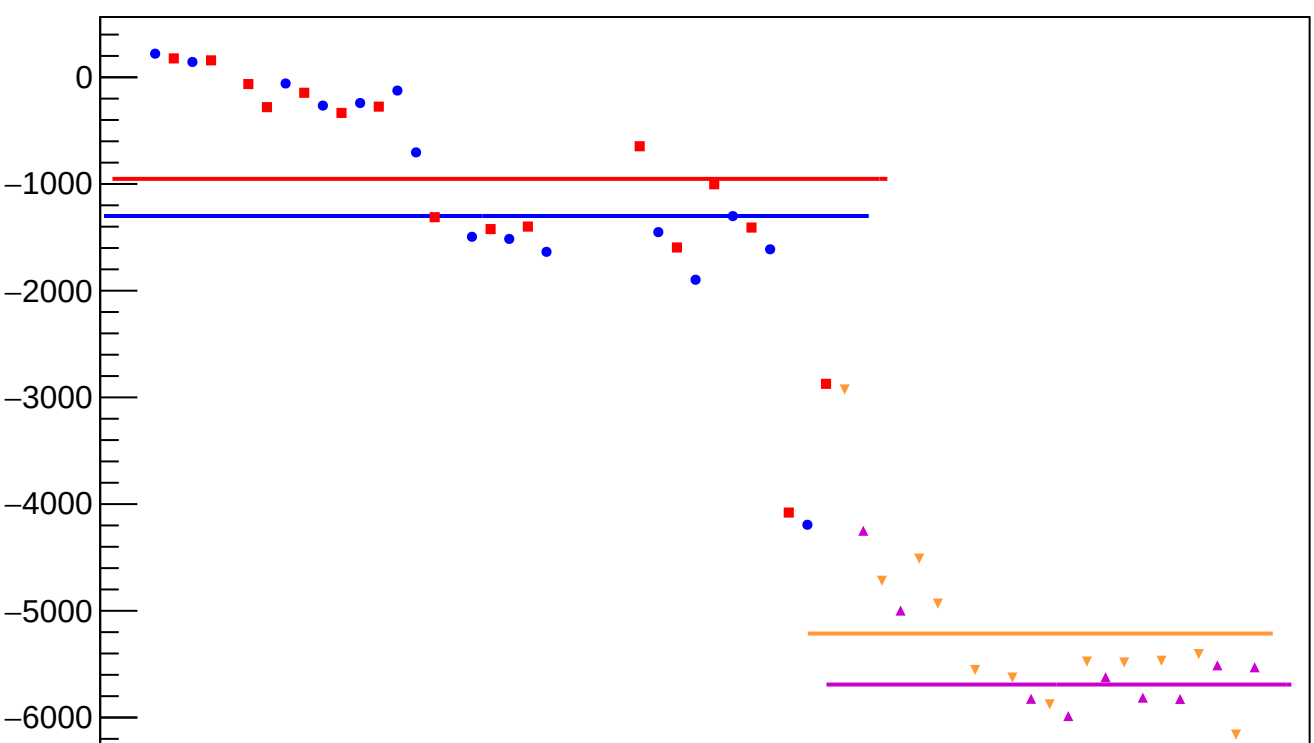
Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

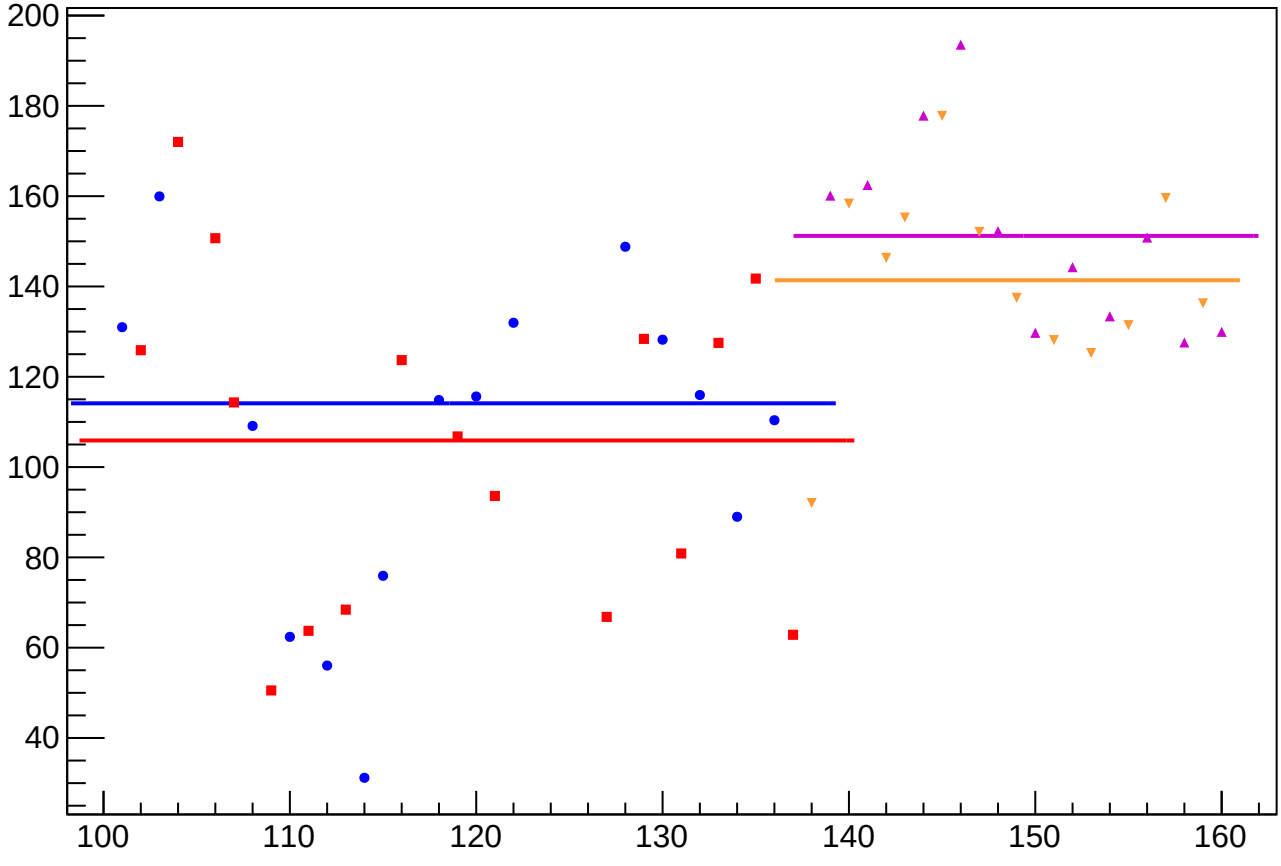
- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000 χ^2/NDF: 11996492521632163670864086915775243223 04.0/14
+ sign -3591.320+/-0.000 χ^2/NDF: 7626032277897
Left Out: -5213.053+/-0.000 χ^2/NDF:607024723474712138909900039656470216704.0/11
All: -3648.196+/-0.000 χ^2/NDF: 1753294640
Right Out: -951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
- sign -3704.179+/-0.000 χ^2/NDF: 98968619860202
Left In: -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: 141.380+/-0.000 χ^2/NDF:4169630263102922855140589896749547 52.0/11

Right Out: 105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

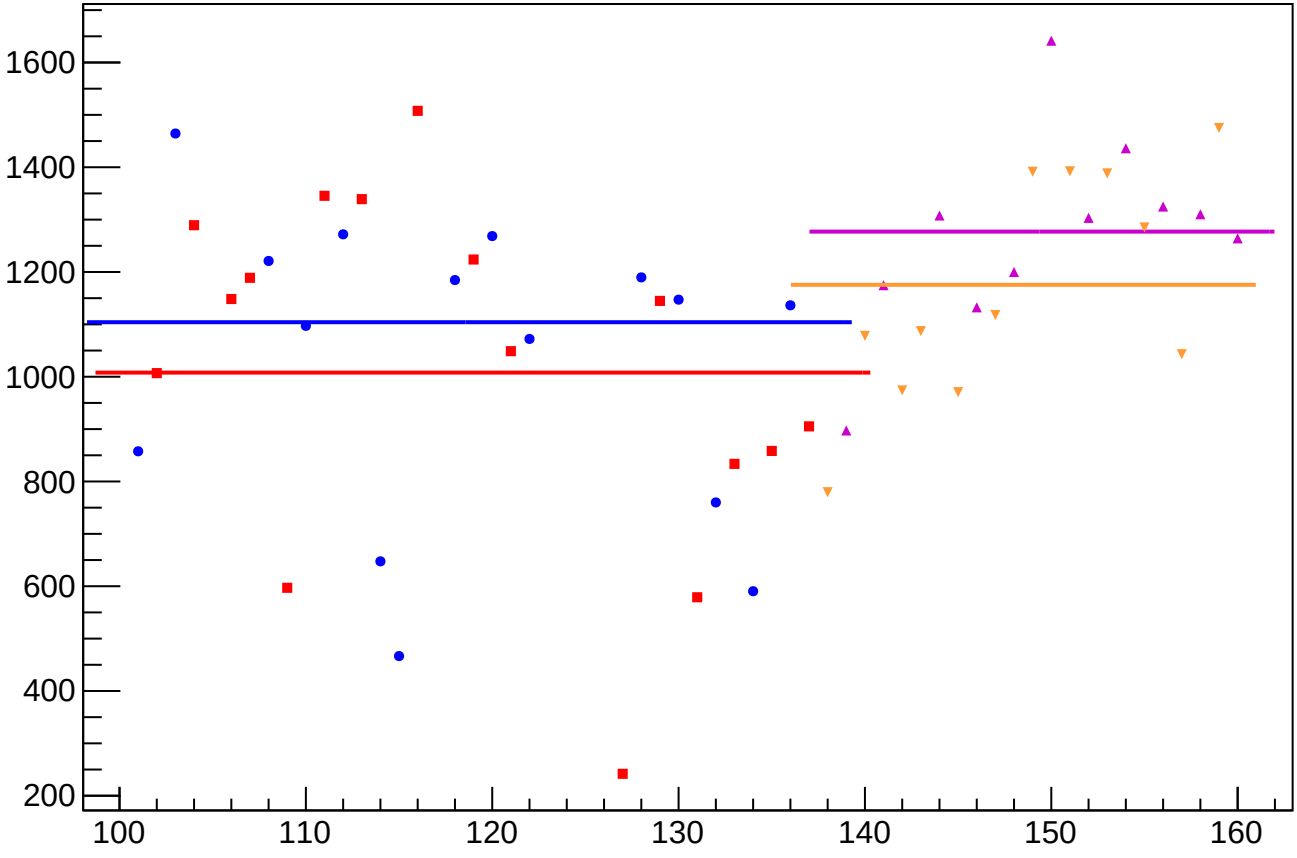
Left In: 151.203+/-0.000 χ^2/NDF:38222765260499933757743154978409 6768.0/10

+ sign 130.082+/-0.000 χ^2/NDF: 13066348967666 1

All: 131.152+/-0.000 χ^2/NDF: 33396793191 4

- 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

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

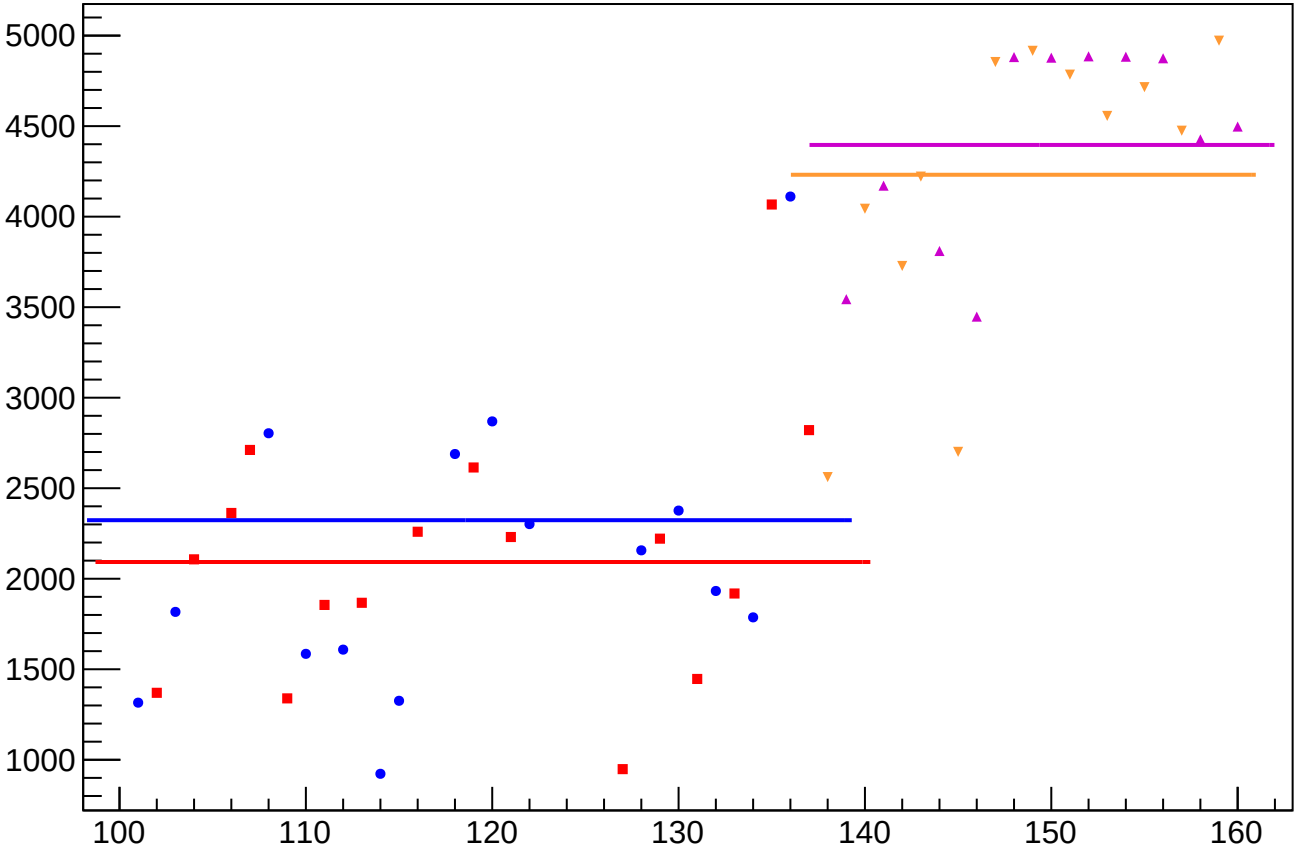
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

+ sign 3440.641+/-0.000 χ^2/NDF: 2451147621612

Left Out: 4231.380+/-0.000 χ^2/NDF:591264758783455505140129278309664030720.0/11

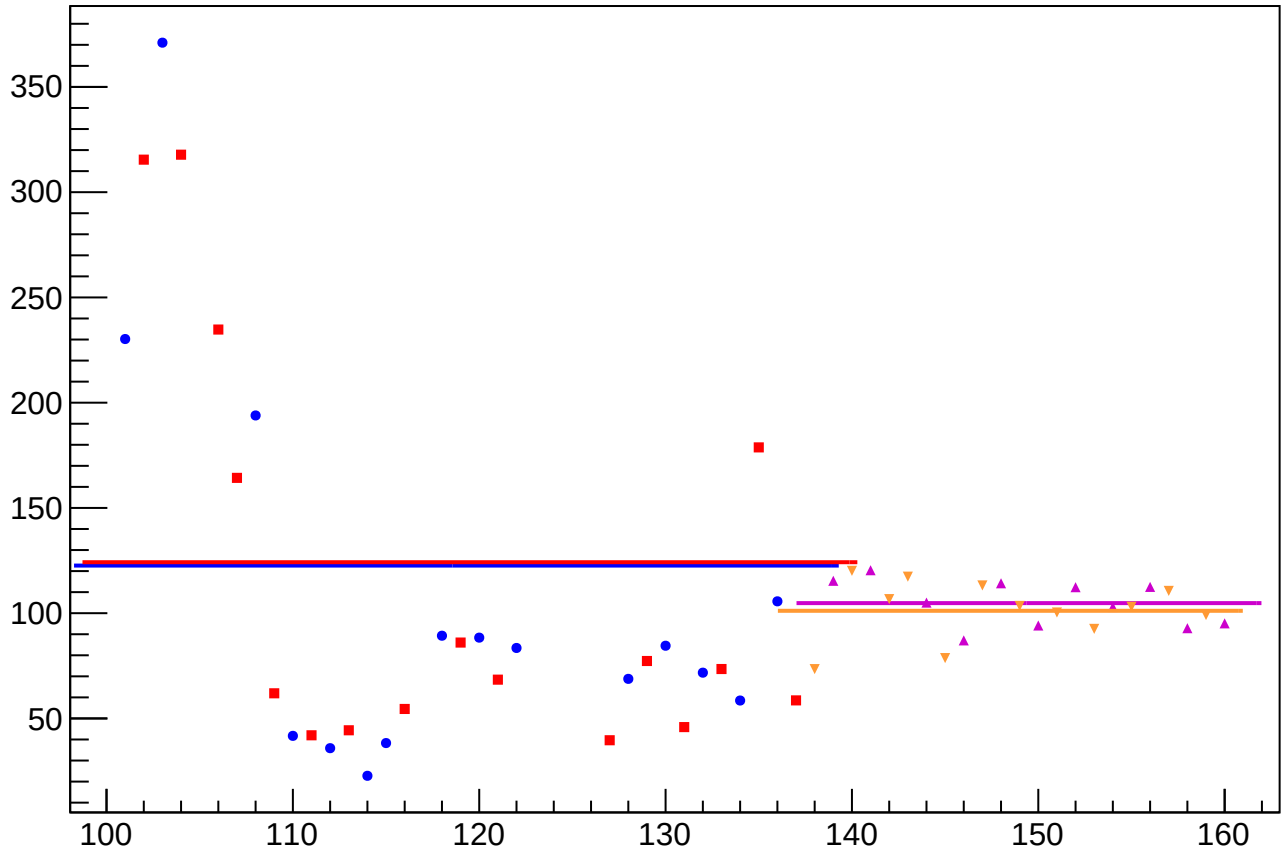
All: 3435.439+/-0.000 χ^2/NDF: 5144319132

Right Out: 2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

- sign 3430.319+/-0.000 χ^2/NDF: 26930874223674

Left In: 4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Left Out: 101.138+/-0.000 χ^2/NDF:1751114564774519668041155503970058 24.0/11

Right Out: 124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

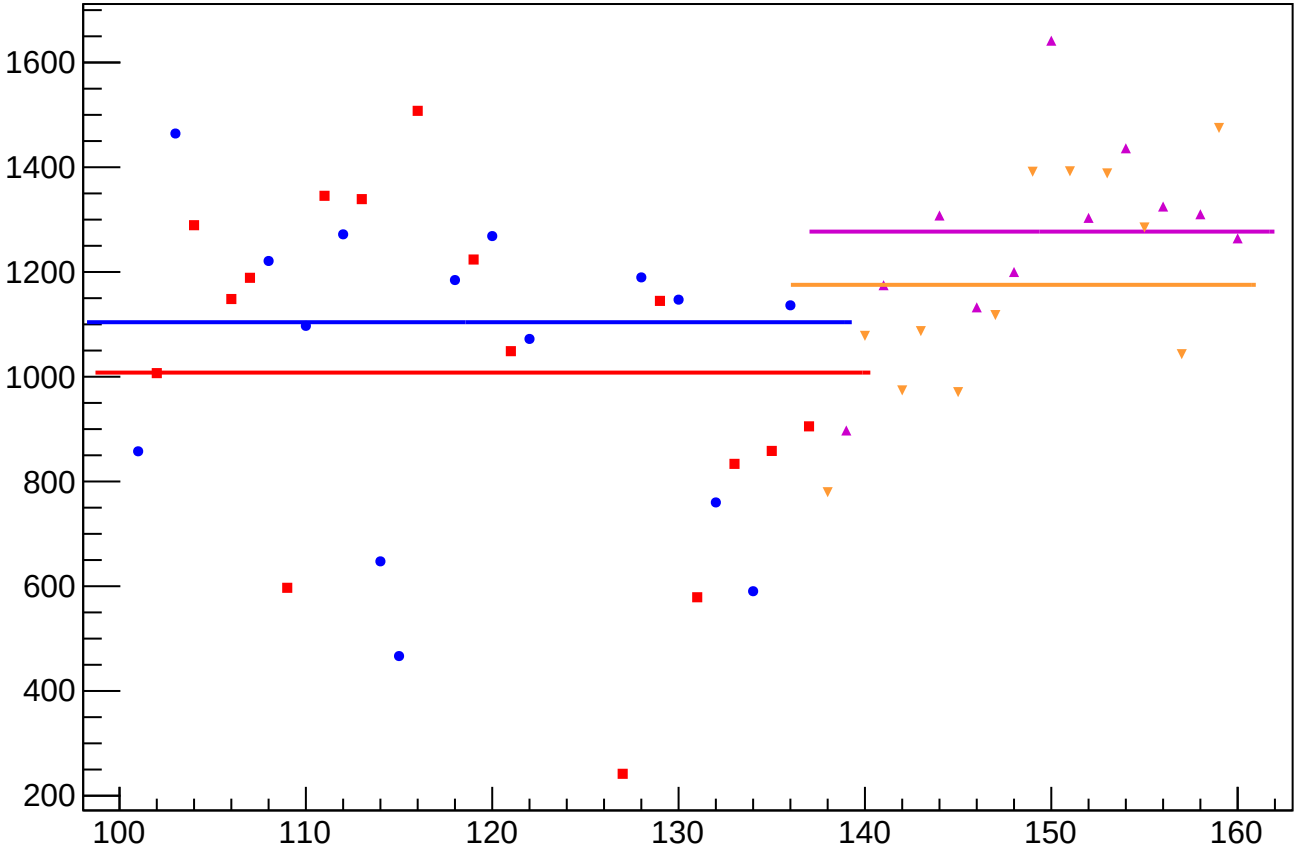
Left In: 104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

+ sign 110.042+/-0.000 χ^2/NDF: 628802435091121

All: 111.498+/-0.000 χ^2/NDF: 13092501008

- 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: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

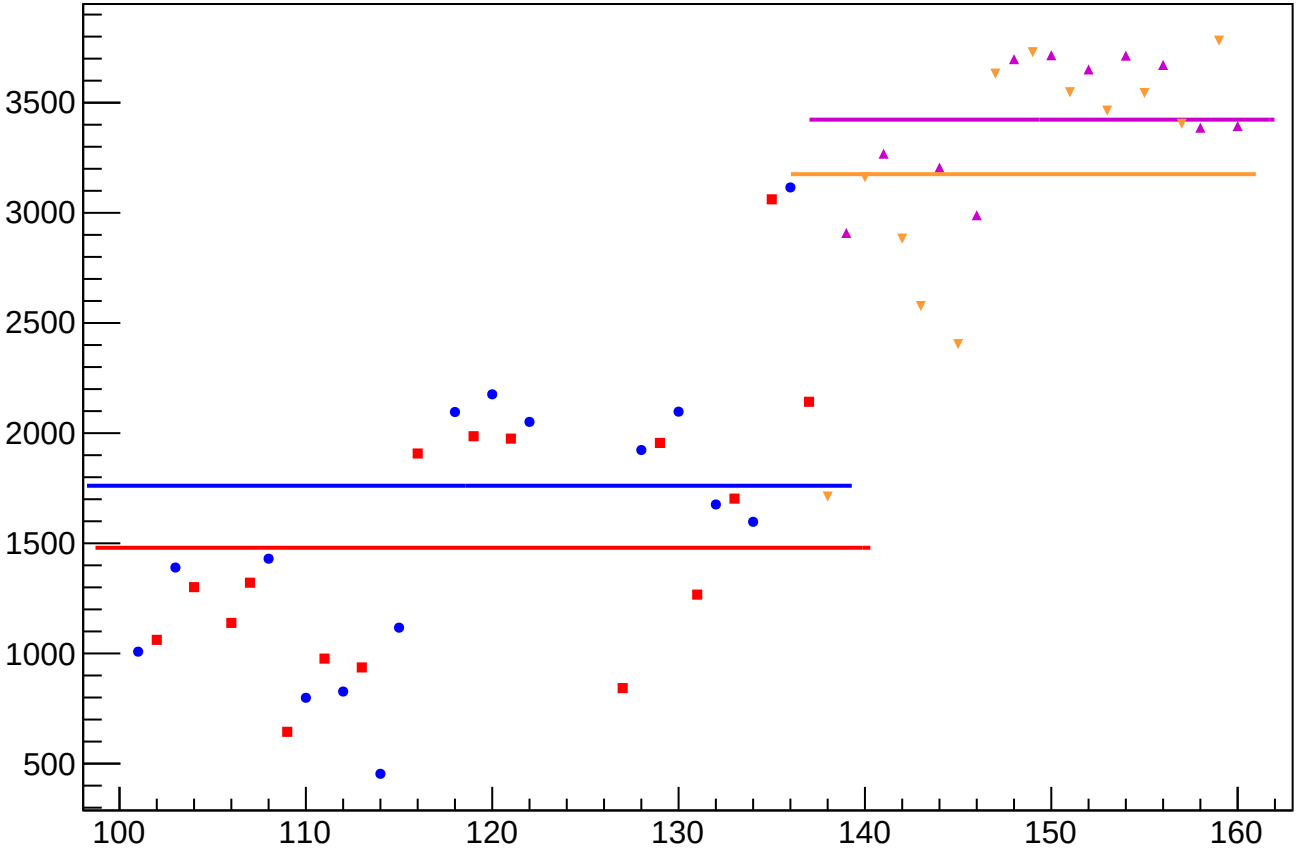
Left In: 1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

All: 1155.145+/-0.000 χ^2/NDF: 2016331328 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: 3175.502+/-0.000 χ^2/NDF:347291191980203589558827802227239813120.0/11

Right Out: 1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

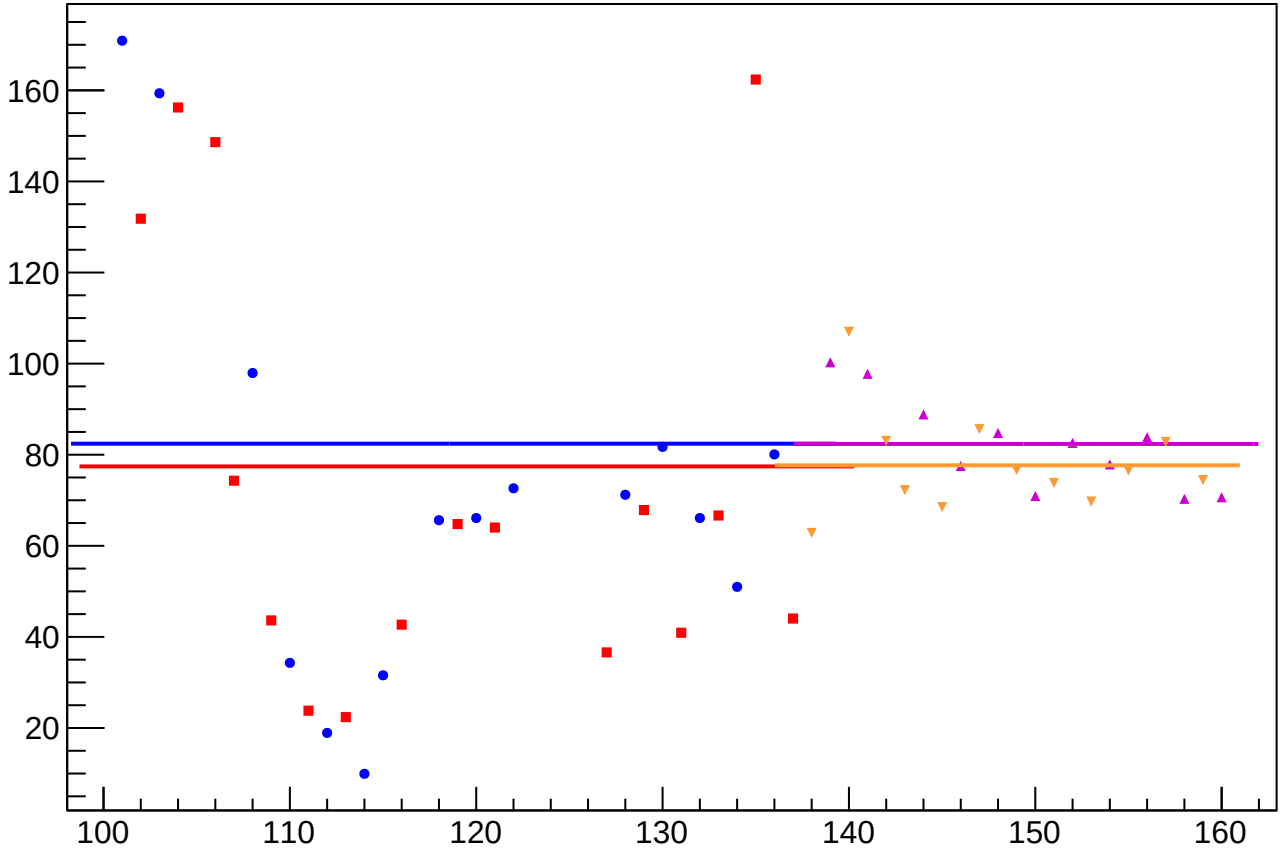
Left In: 3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

+ sign 2589.389+/-0.000 χ^2/NDF: 1439612656315 5

All: 2598.948+/-0.000 χ^2/NDF: 3240651716 7

- 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

Left Out: 77.672+/-0.000 χ^2/NDF:1123594259701153969731918512059842 56.0/11

Right Out: 77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

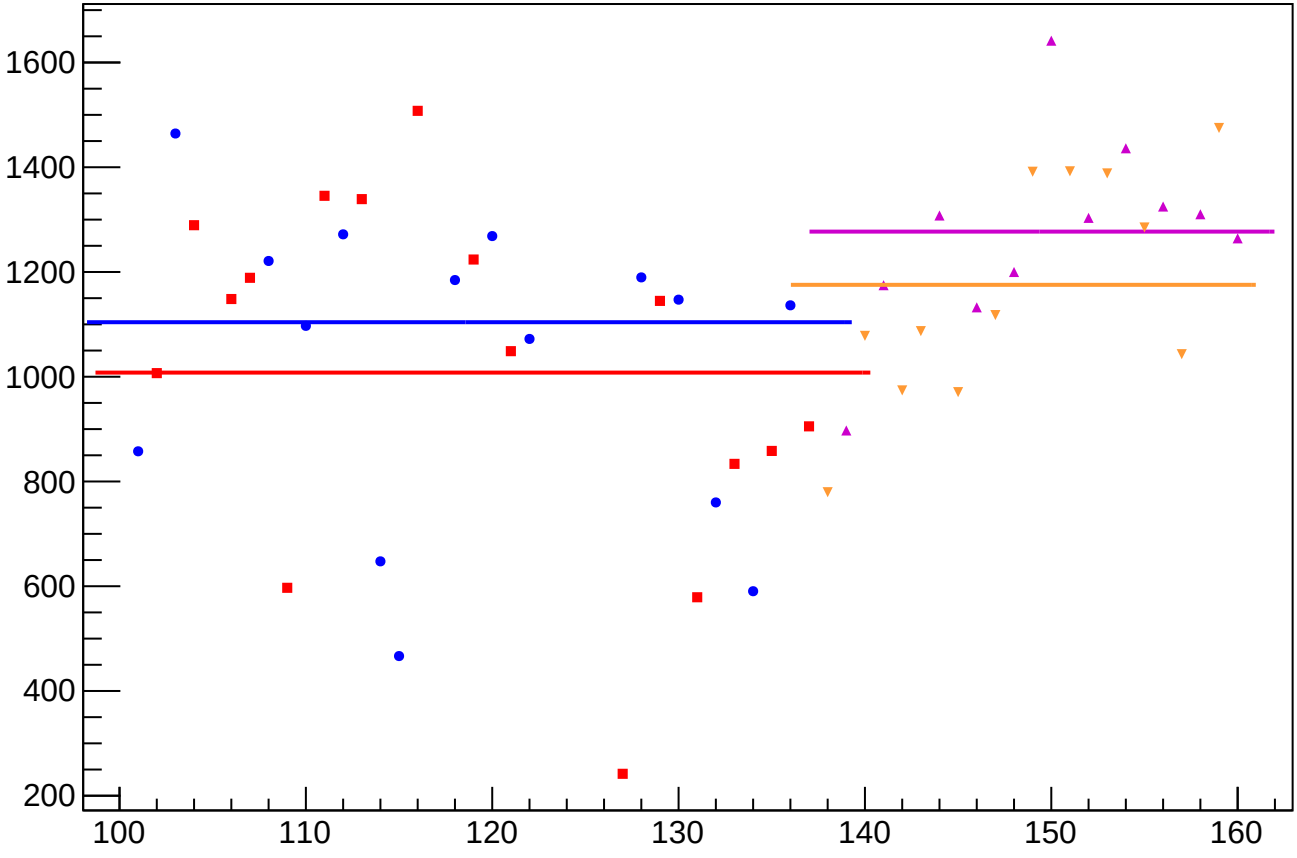
Left In: 82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

+ sign 79.641+/-0.000 χ^2/NDF: 1384567048715076

All: 79.970+/-0.000 χ^2/NDF: 2997940273894

- sign 80.294+/-0.000 χ^2/NDF: 1613036492452020

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1145.901+/-0.000 χ^2/NDF: 7464042403070 4

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

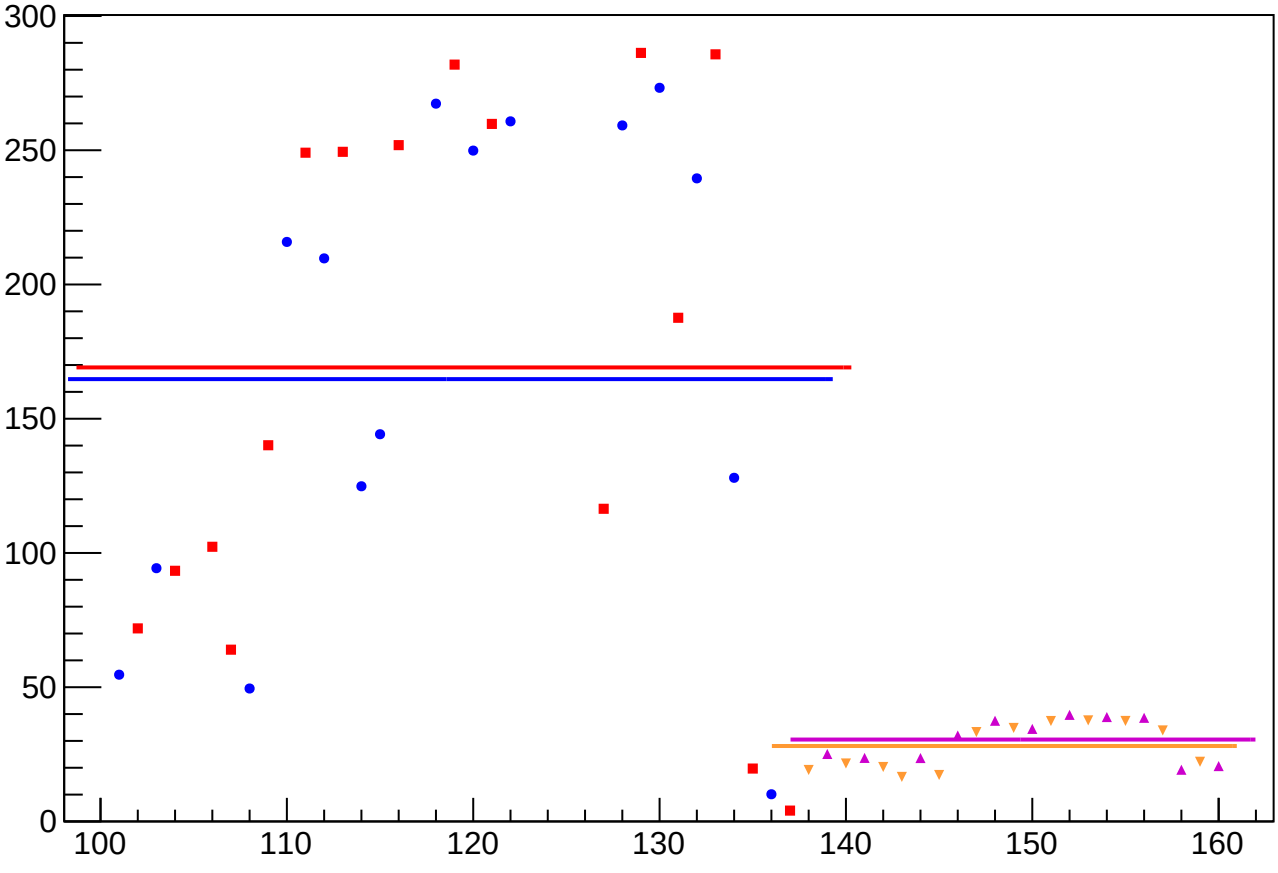
All: 1155.145+/-0.000 χ^2/NDF: 2016331328 4

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1164.243+/-0.000 χ^2/NDF: 12672719249309

Left In: 1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Left Out: 28.100+/-0.000 χ^2/NDF:635173573099110904470706697923461 12.0/11

Right Out: 169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

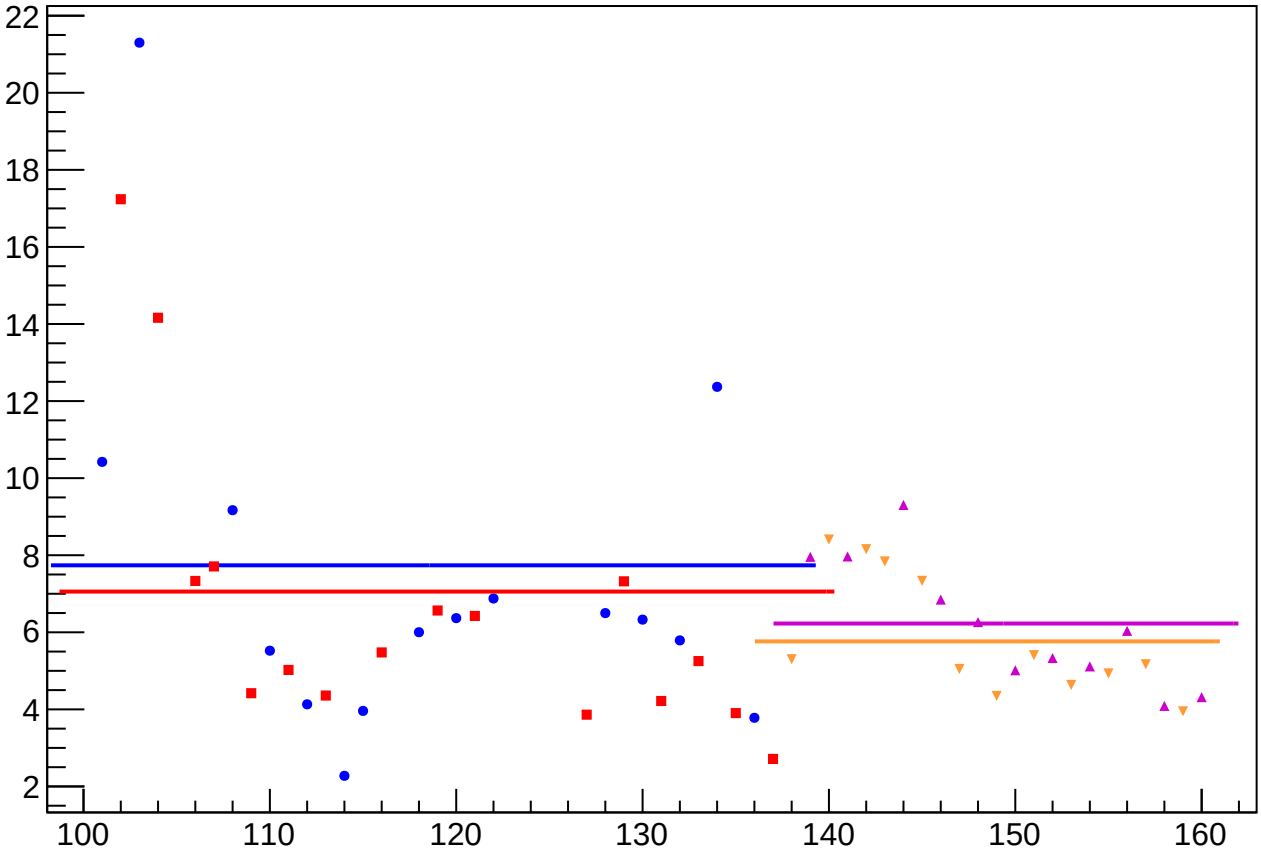
Left In: 30.507+/-0.000 χ^2/NDF:526007001482740498015866996716994 56.0/10

+ sign 84.733+/-0.000 χ^2/NDF: 135299729495451 0

All: 86.688+/-0.000 χ^2/NDF: 270766056120 3

- sign 88.613+/-0.000 χ^2/NDF: 135347507028419 8

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF: 15127215479234506007469492768079872.0/14

+ sign 6.582+/-0.000 χ^2/NDF: 1862262539718685

Left Out: 5.764+/-0.000 χ^2/NDF:20144739325743836902613272116592 64.0/11

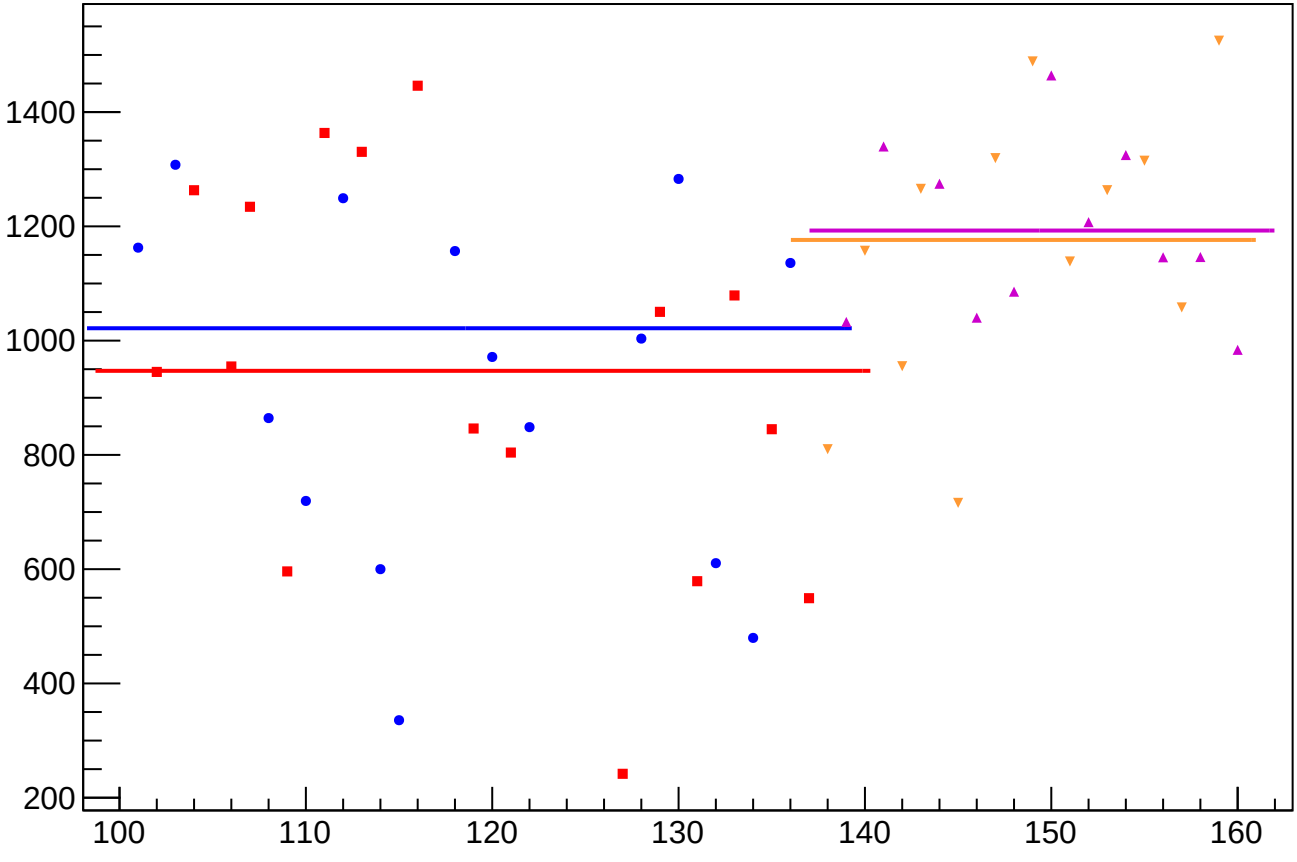
All: 6.579+/-0.000 χ^2/NDF: 3251344683634

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

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

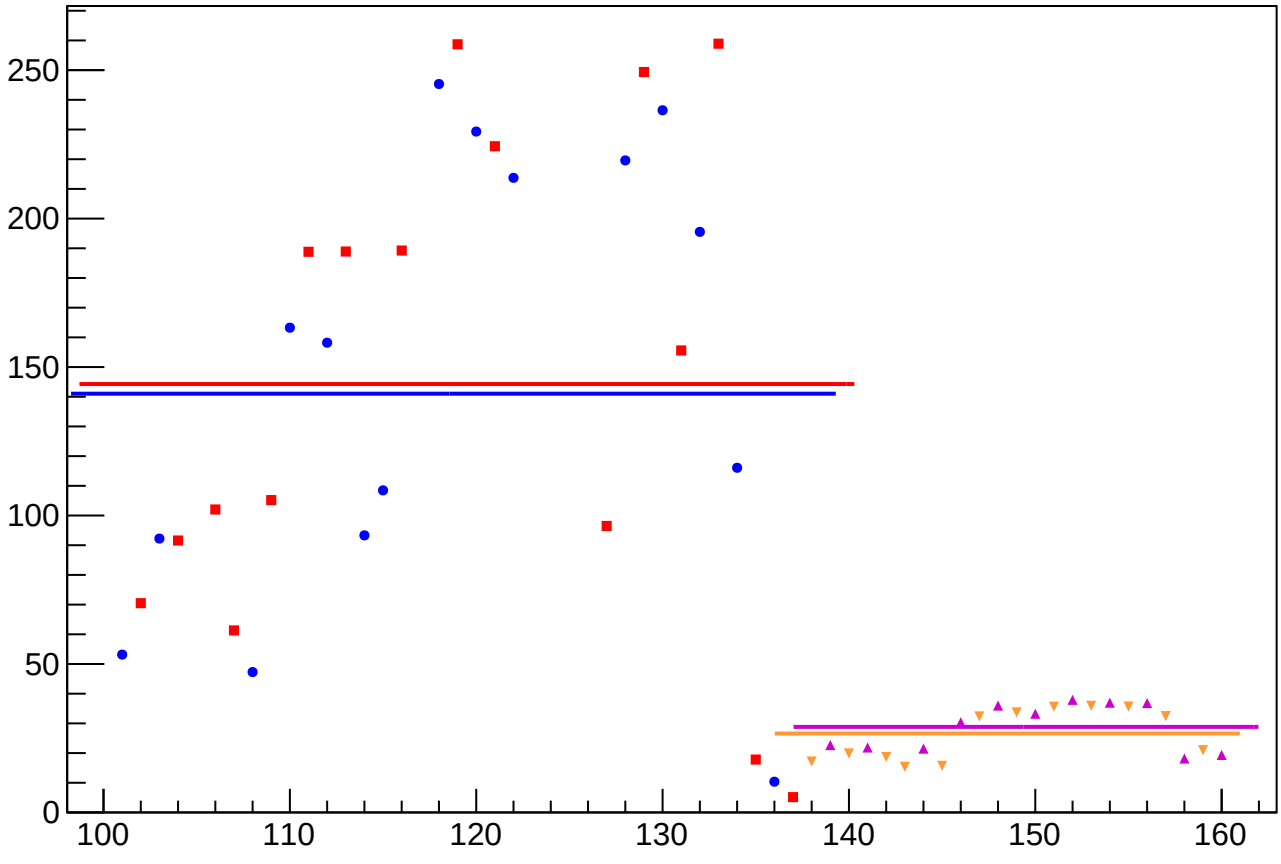
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

+ sign 74.013+/-0.000 χ^2/NDF: 9549859310470877

Left Out: 26.582+/-0.000 χ^2/NDF:638805469323936580506146521418301 44.0/11

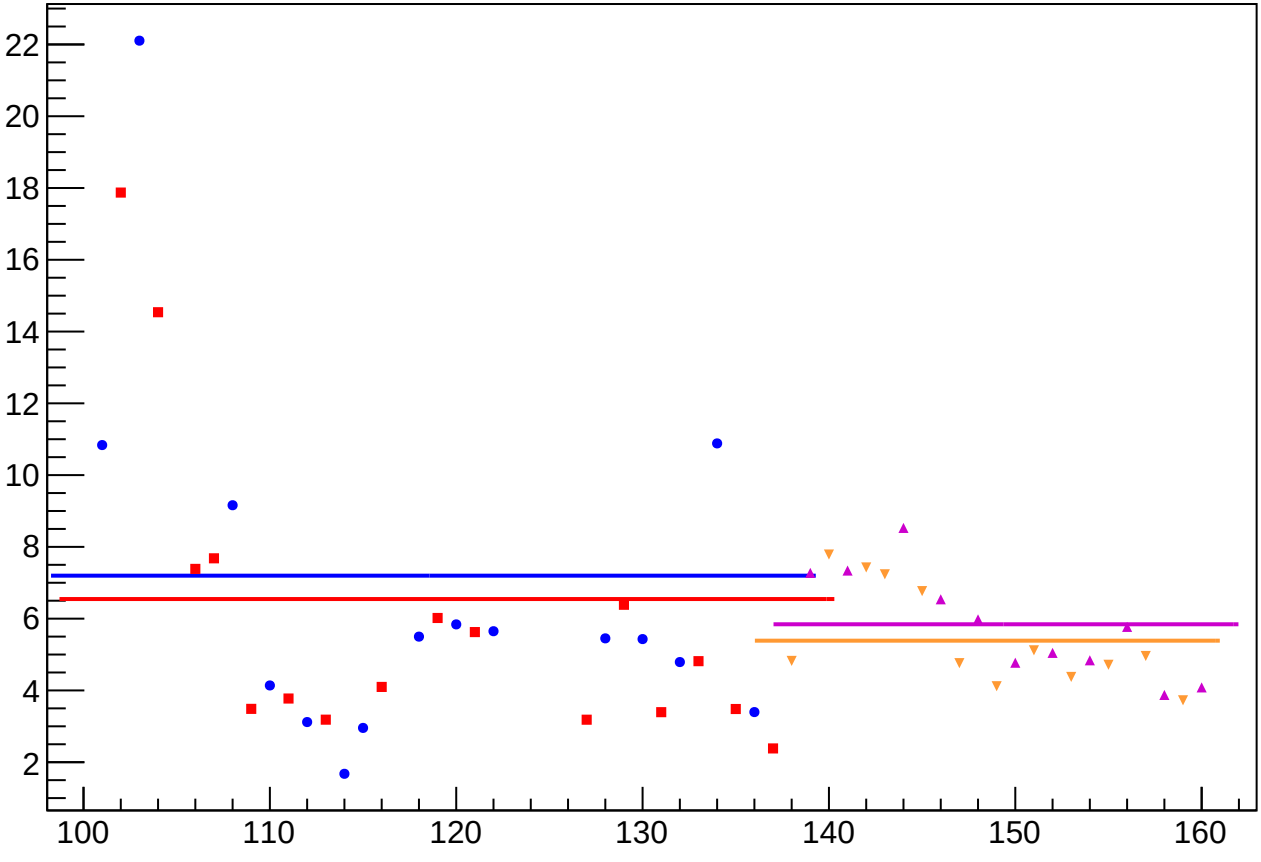
All: 75.631+/-0.000 χ^2/NDF: 190432722531 5

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: 5.387+/-0.000 χ^2/NDF:16021382498824788148359438438236 16.0/11

Right Out: 6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

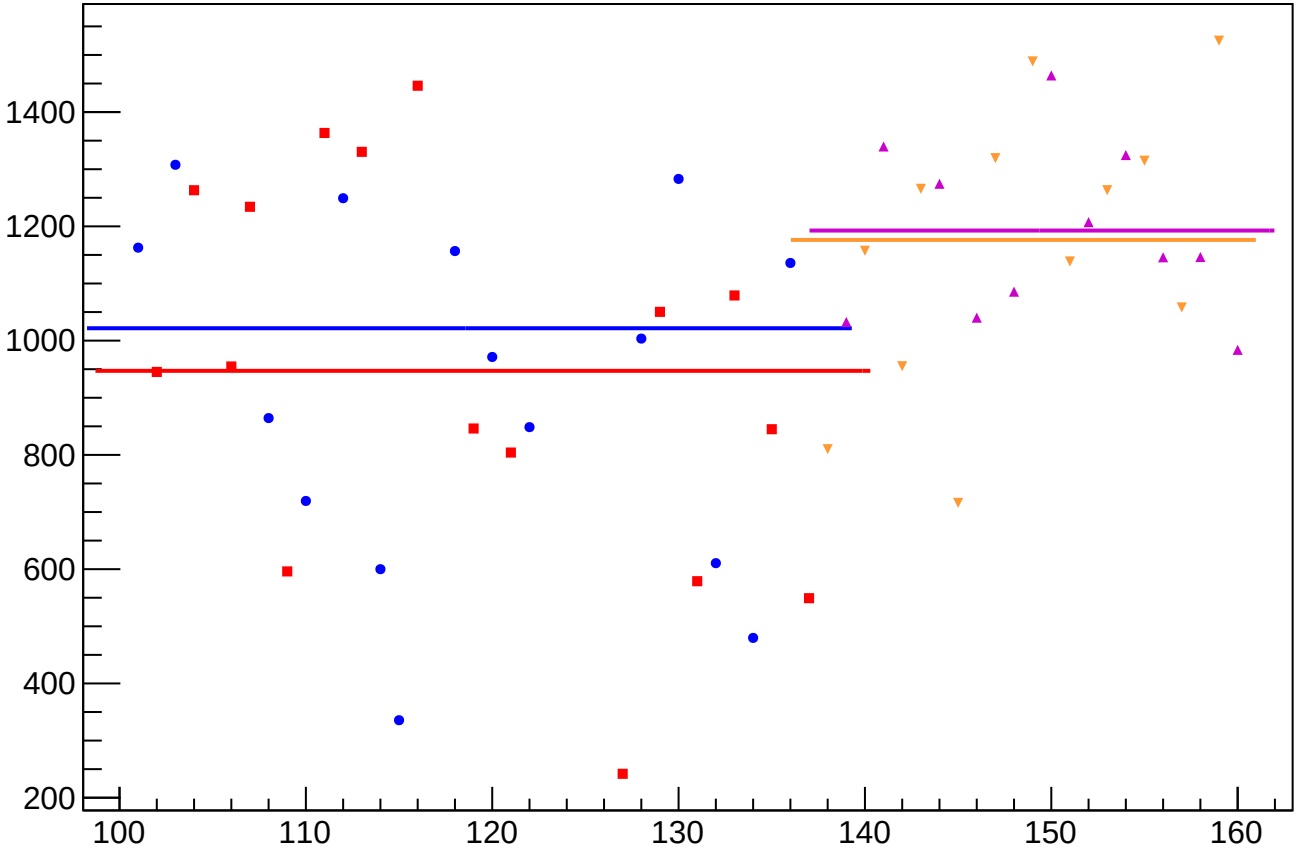
Left In: 5.843+/-0.000 χ^2/NDF:18327868371027078624005378067660 80.0/10

+ sign 6.137+/-0.000 χ^2/NDF: 2106160114989429 2

All: 6.138+/-0.000 χ^2/NDF: 3716489910655 6

- sign 6.138+/-0.000 χ^2/NDF: 16103297183746368

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

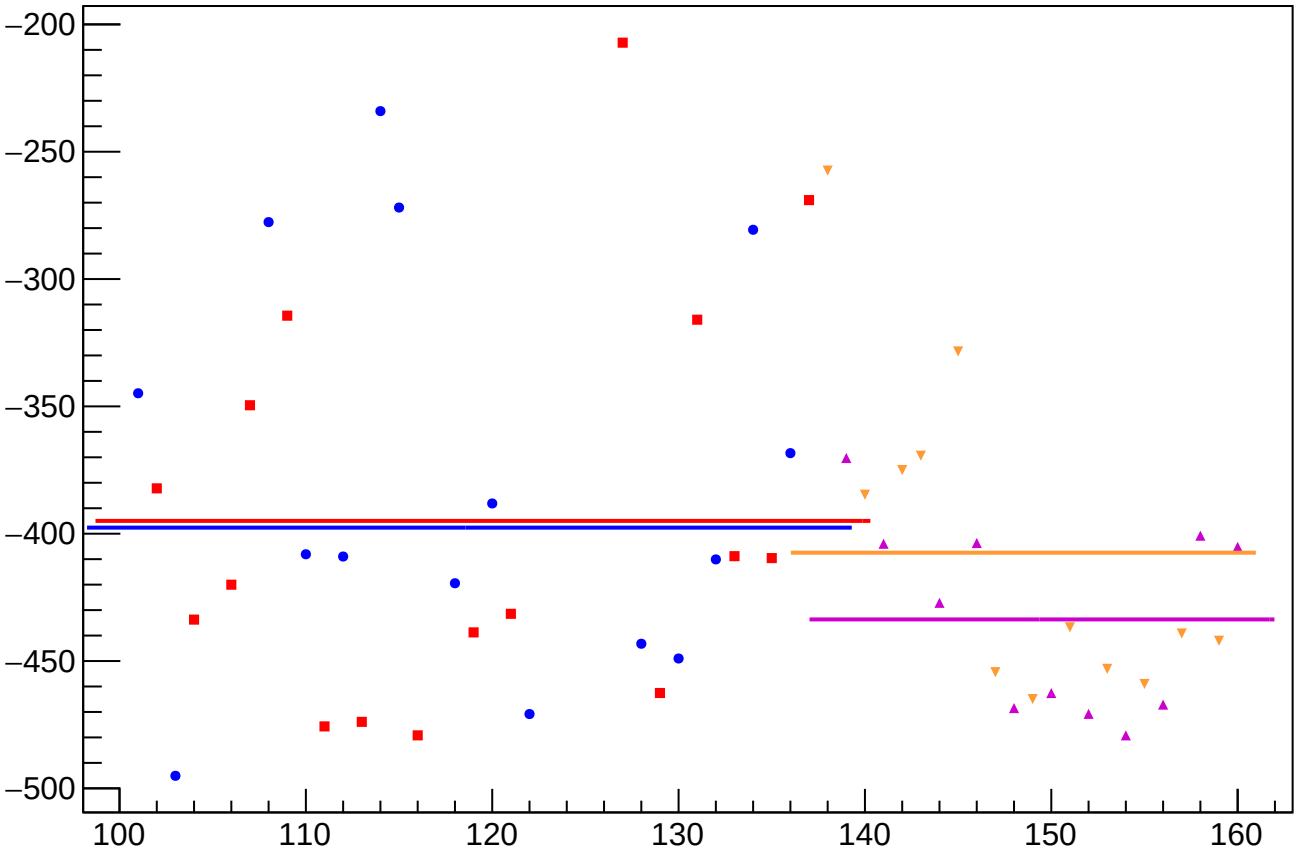
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

Left Out: -407.457+/-0.000 χ^2/NDF:353025449080407268501570591063749427 2.0/11

Right Out: -394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

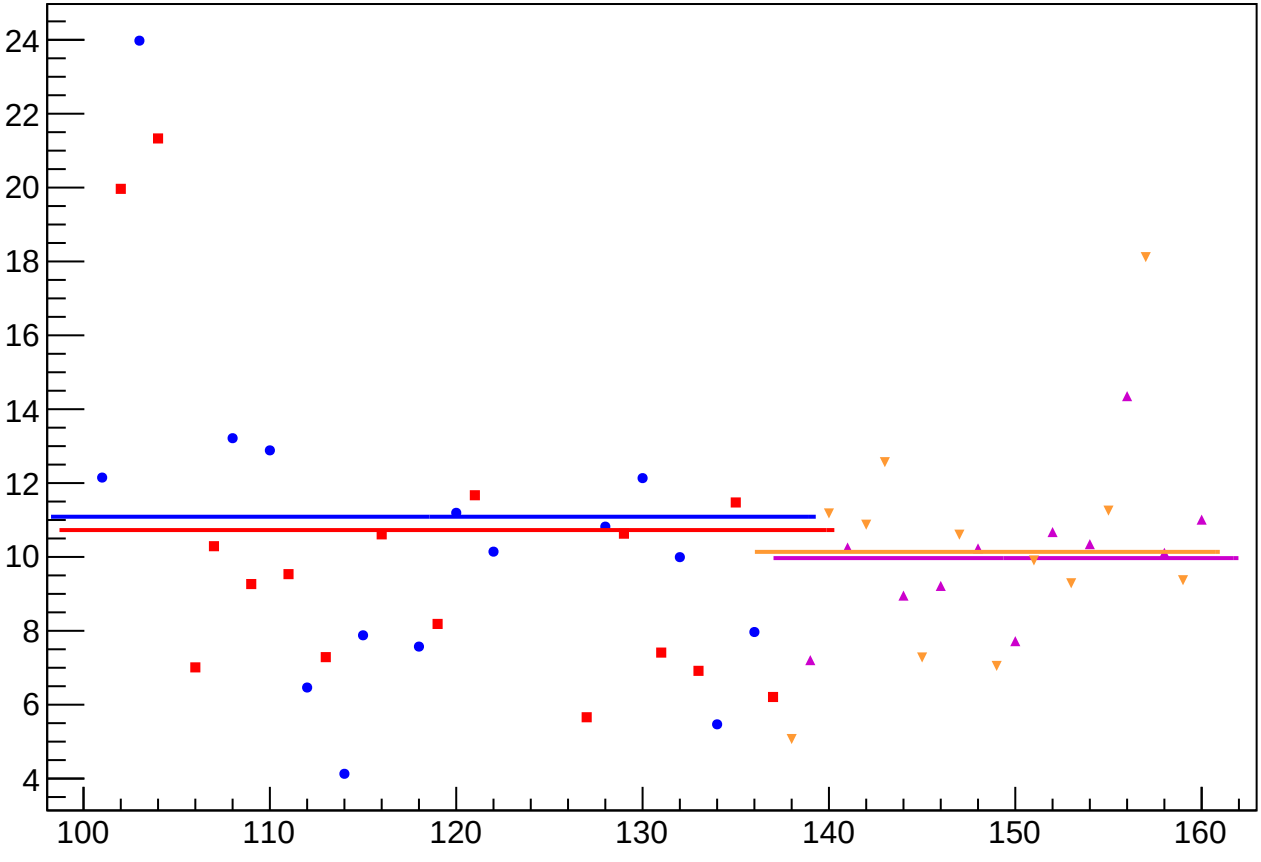
Left In: -433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10

+ sign -403.377+/-0.000 χ^2/NDF: 62283585707933

All: -410.466+/-0.000 χ^2/NDF: 1184826229 3

- sign -417.444+/-0.000 χ^2/NDF: 546374662460811

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Left Out: 10.137+/-0.000 χ^2/NDF:9233961900502442042562315288576000.0/11

Right Out: 10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15

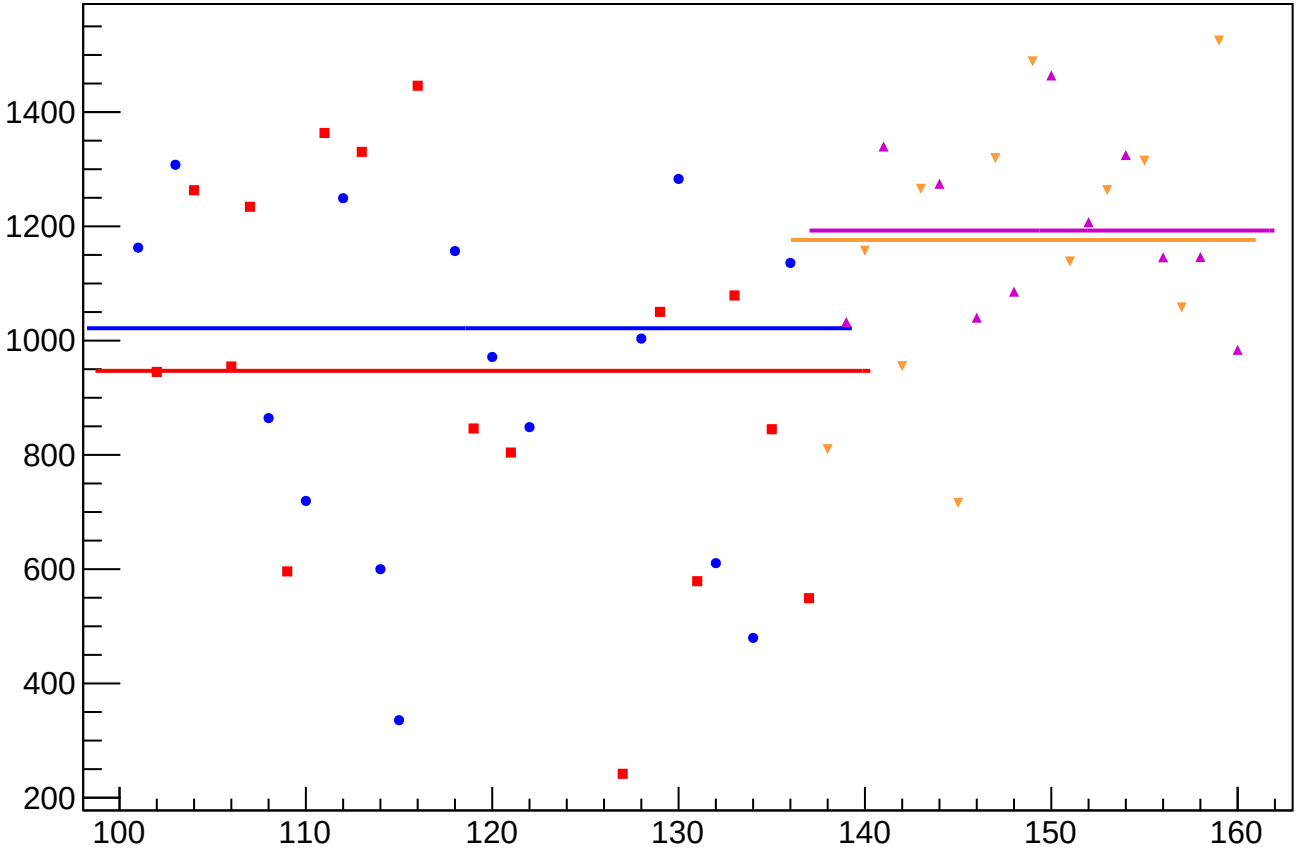
Left In: 9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

+ sign 10.532+/-0.000 χ^2/NDF: 2381392640071486

All: 10.408+/-0.000 χ^2/NDF: 4175745912781

- sign 10.287+/-0.000 χ^2/NDF: 1789615499240610

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

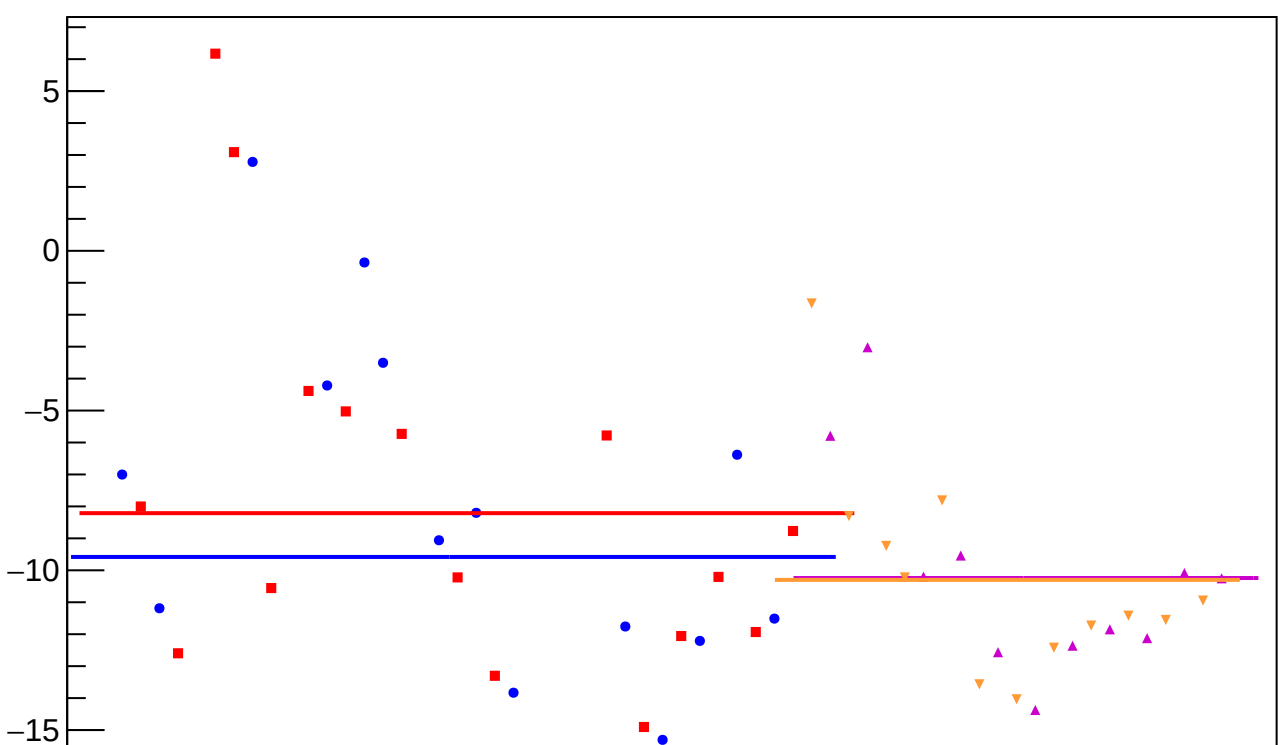
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_4aY_coil7_mean vs Slug



Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

+ sign -10.002+/-0.000 χ^2/NDF: 244052394679521

Left Out: -10.300+/-0.000 χ^2/NDF:9506877601099056155644993577418752.0/11

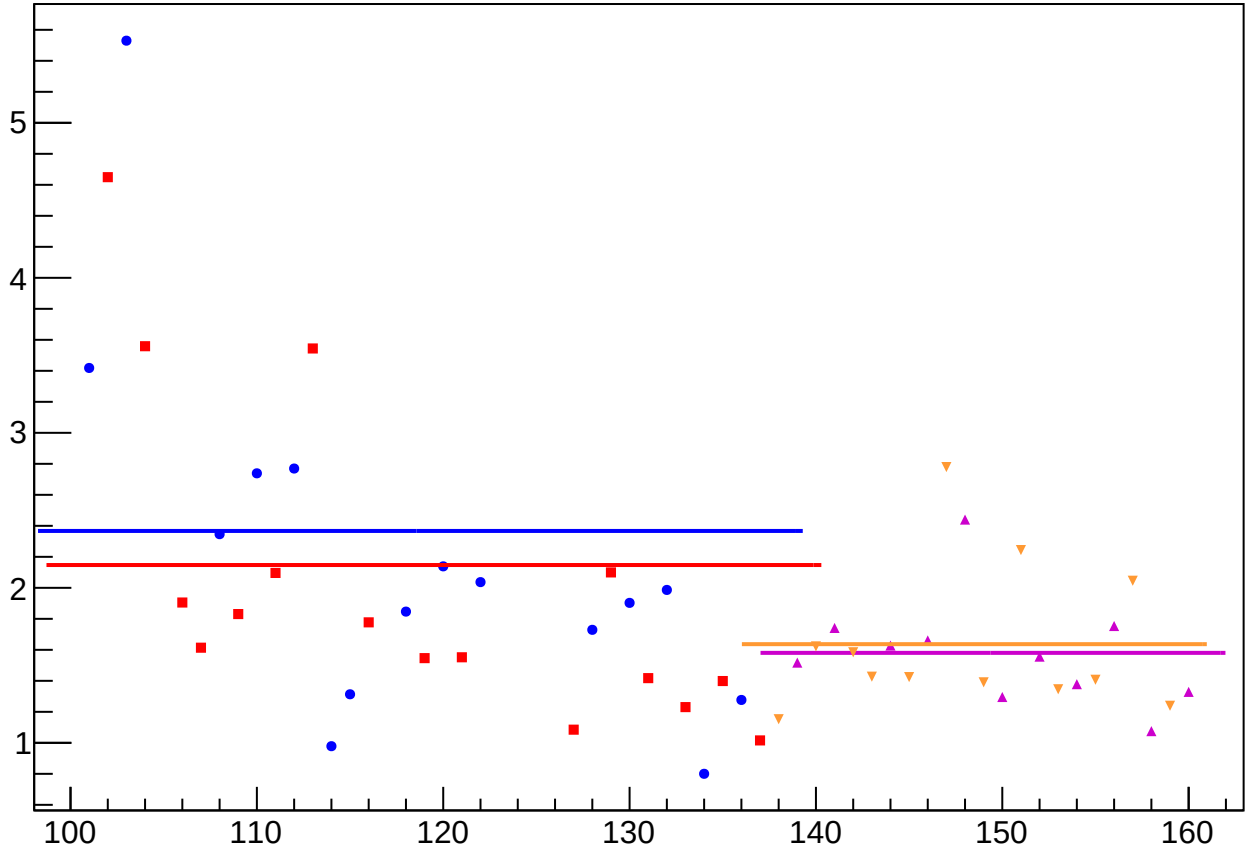
All: -9.694+/-0.000 χ^2/NDF: 5359465497028

Right Out: -8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

- sign -9.390+/-0.000 χ^2/NDF: 2889381959602526 7

Left In: -10.241+/-0.000 χ^2/NDF:8992829088408430483485977772818432.0/10

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000 χ^2/NDF: 920633294546152876922066767446016.0/14

+ sign 1.939+/-0.000 χ^2/NDF: 1320968763351157

Left Out: 1.637+/-0.000 χ^2/NDF:197584846951597051944769289191424.0/11

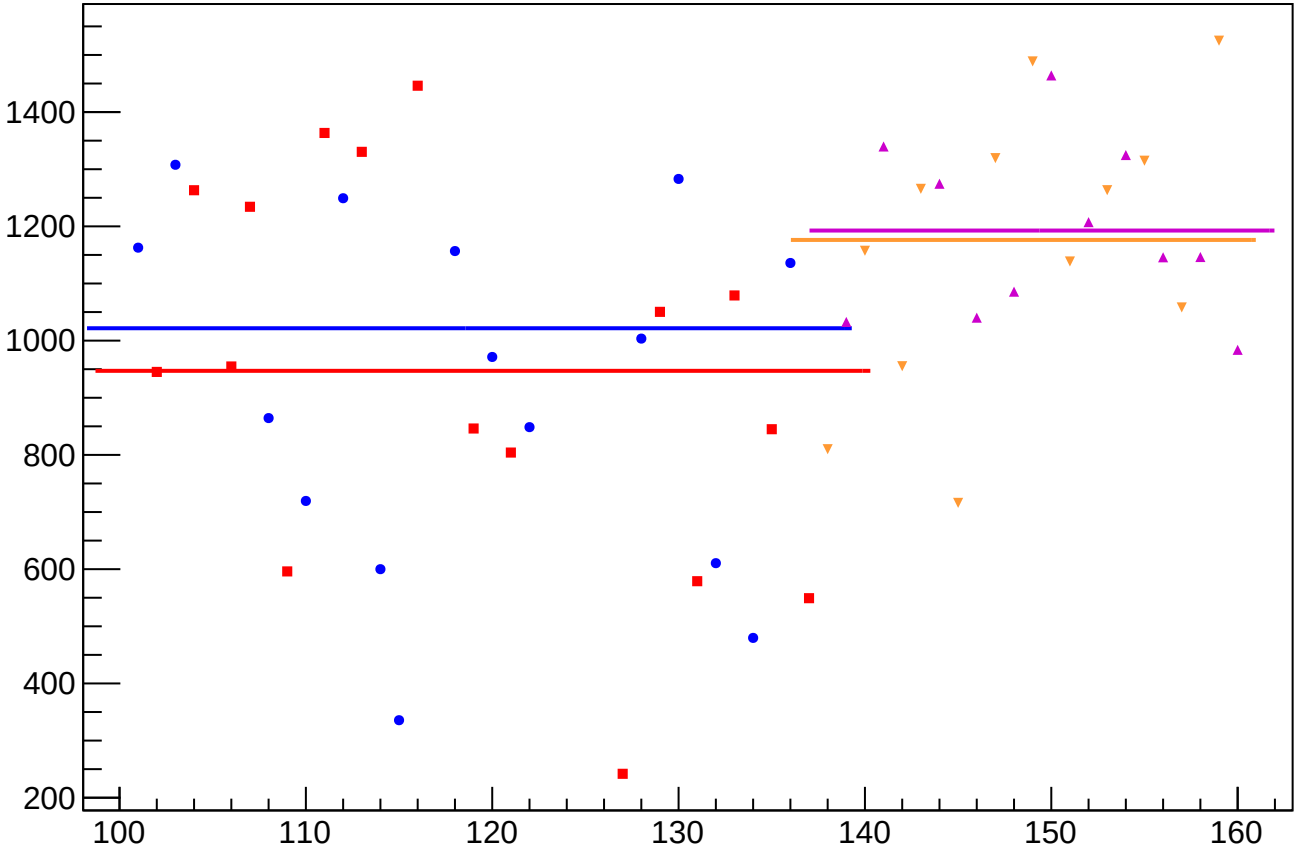
All: 1.878+/-0.000 χ^2/NDF: 2325303324129

Right Out: 2.147+/-0.000 χ^2/NDF: 764171992480224478656127555338240.0/15

- sign 1.818+/-0.000 χ^2/NDF: 99272780450860702

Left In: 1.580+/-0.000 χ^2/NDF:1041598201066898133531717921669 12.0/10

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

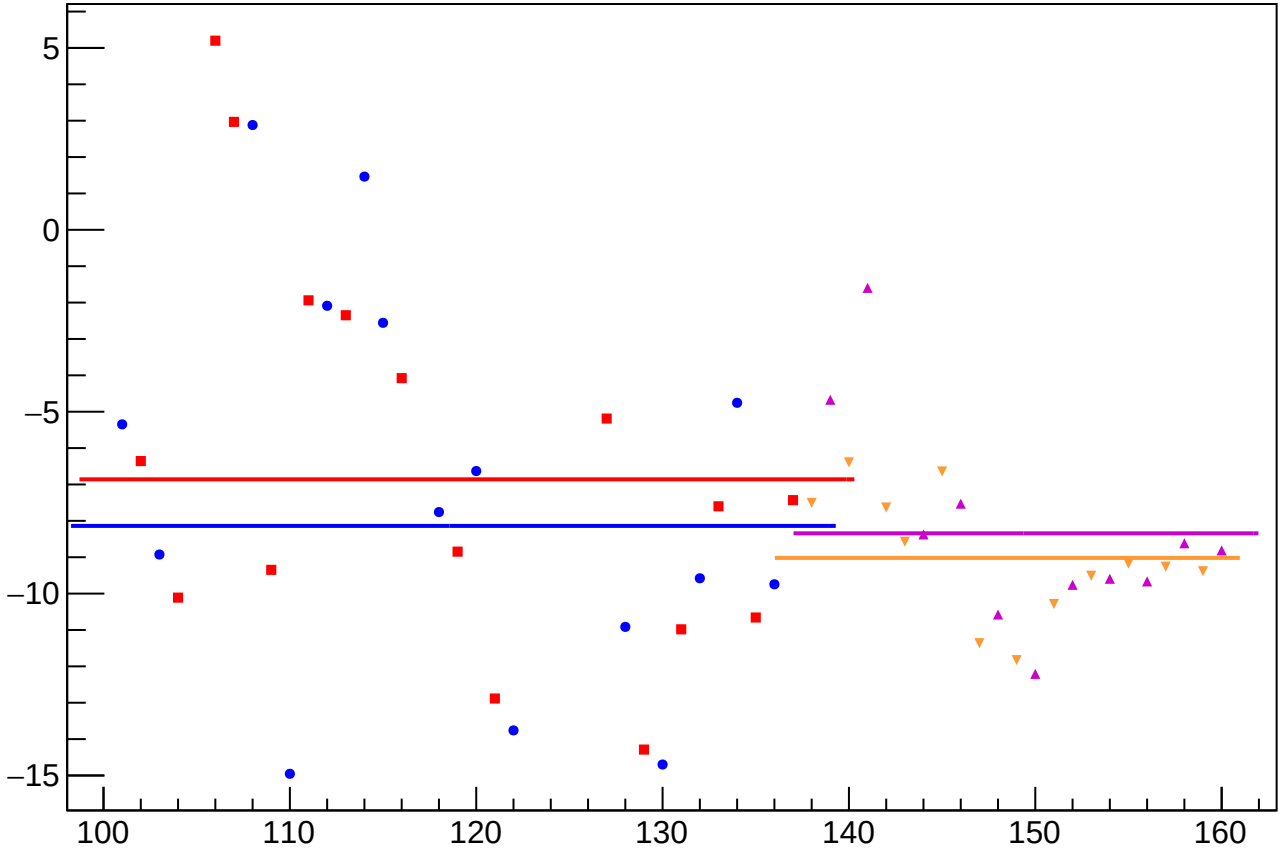
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_4eY_coil7_mean vs Slug



Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

Left Out: -9.019+/-0.000 χ^2/NDF:2556393635520144823493802684579840.0/11

Right Out: -6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15

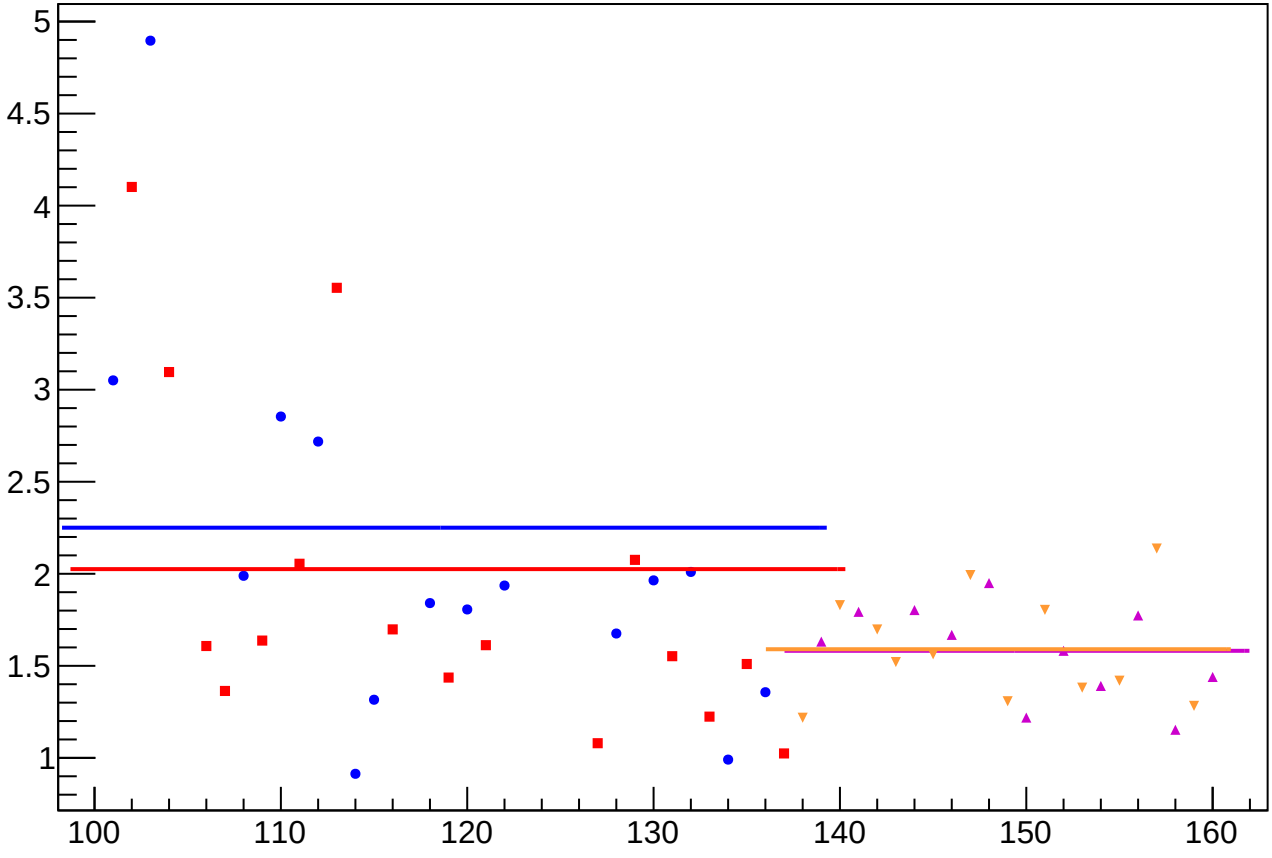
Left In: -8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

+ sign -8.654+/-0.000 χ^2/NDF: 1752717108252513

All: -8.184+/-0.000 χ^2/NDF: 4282044438070

- 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

+ sign 1.864+/-0.000 χ^2/NDF: 8990040742256429 0

Left Out: 1.590+/-0.000 χ^2/NDF:7655435111469366960521809074585 6.0/11

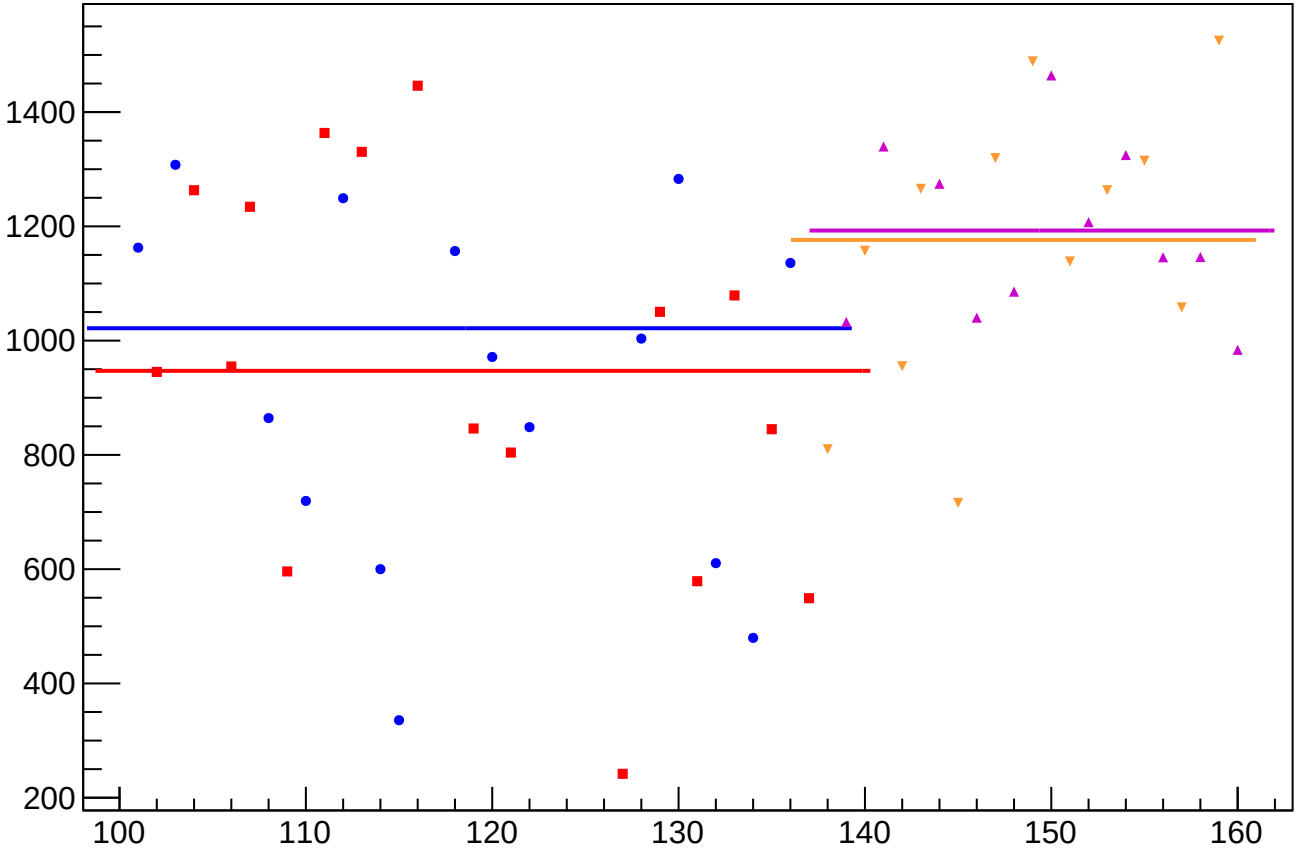
All: 1.815+/-0.000 χ^2/NDF: 1616222621428 9

Right Out: 2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

- sign 1.768+/-0.000 χ^2/NDF: 7099264779947717 7

Left Out: 1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

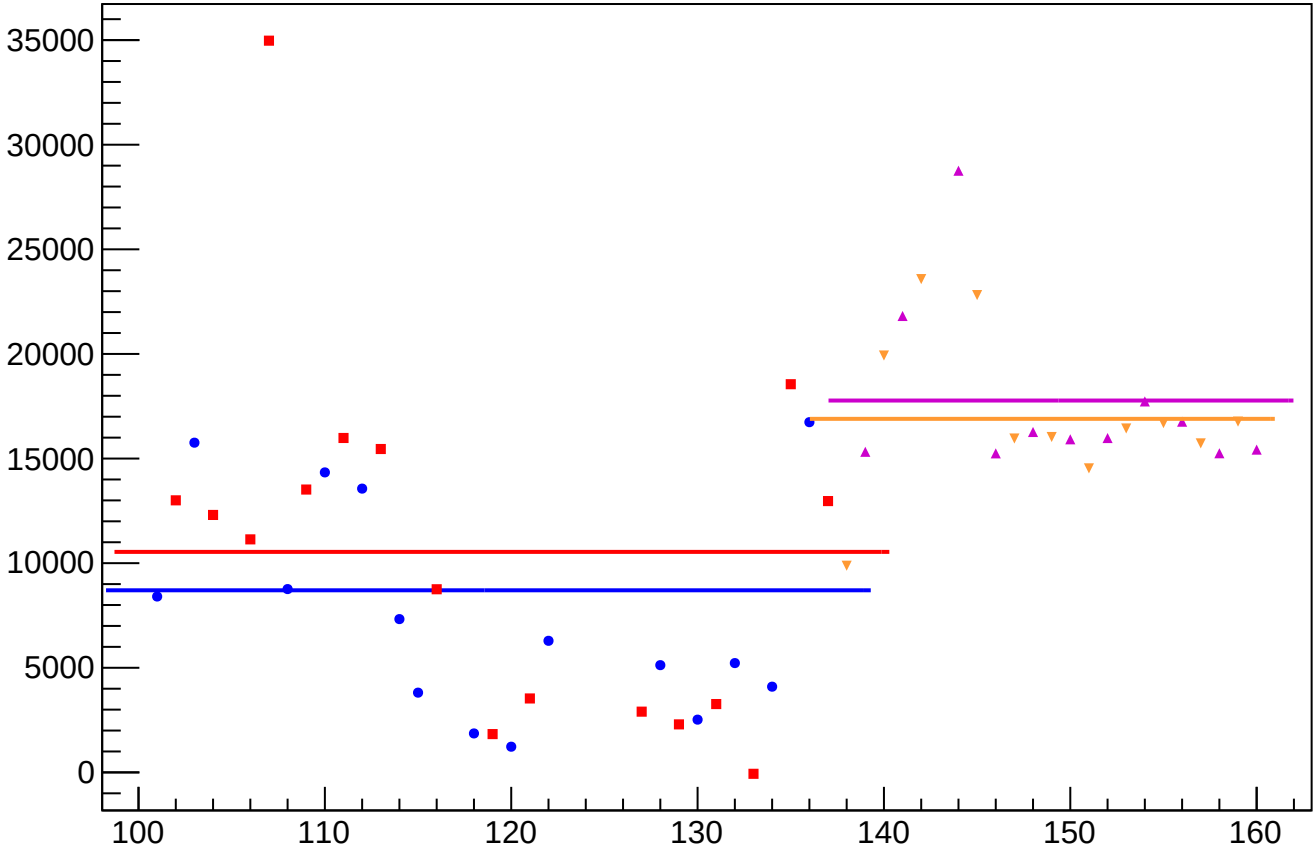
Left In: 1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF: 1950113306730842685953630450081919192268 8.0/14

Left Out: 16897.725+/-0.000 χ^2/NDF:1017625262382863571340569286423009139097 6.0/10

Right Out: 10539.327+/-0.000 χ^2/NDF: 4622668422783610927339406256975375866265 6.0/15

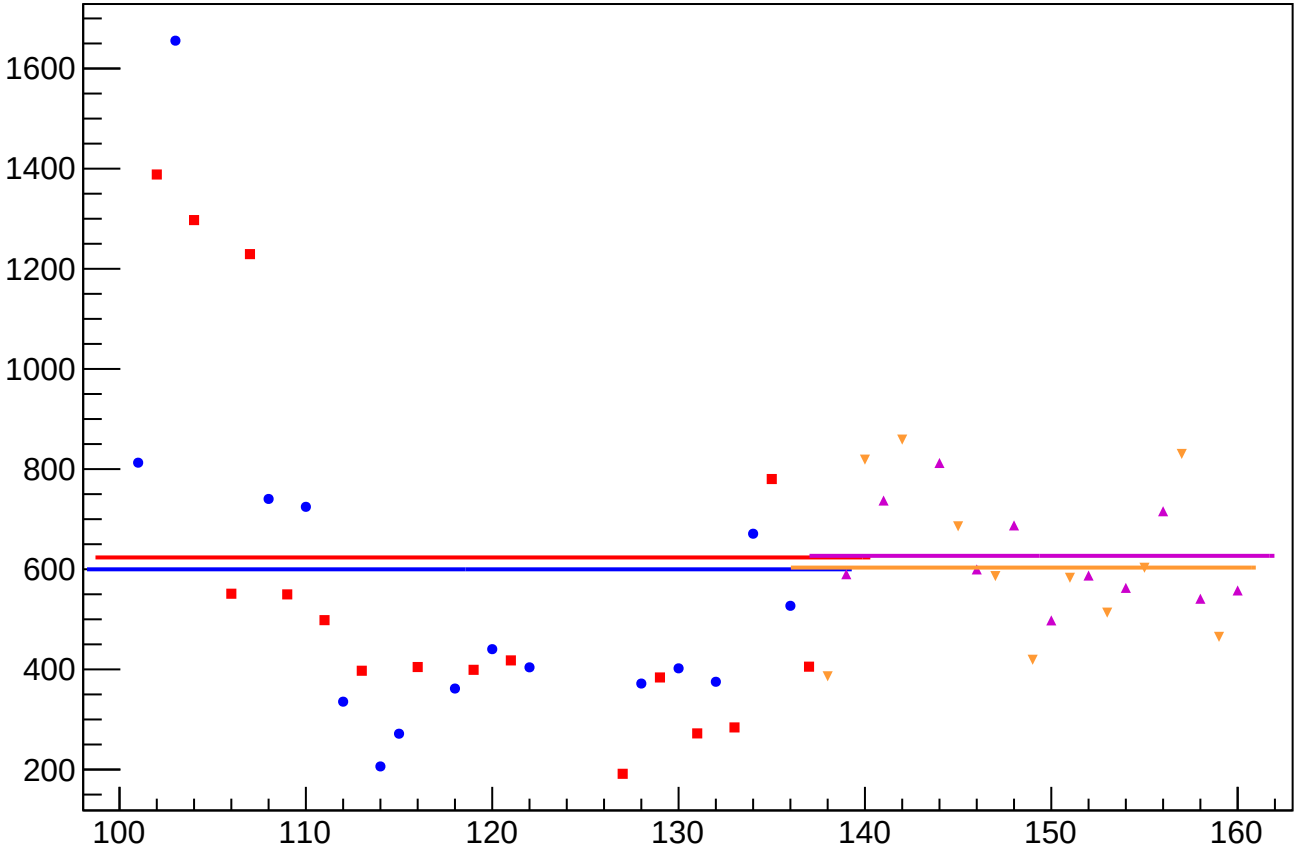
Left In: 17773.103+/-0.000 χ^2/NDF:1492606699114288945267658755261863244595 2.0/10

+ sign 13349.919+/-0.000 χ^2/NDF: 5438867962568

All: 14065.892+/-0.000 χ^2/NDF: 1373040141

- 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: 8925896110037324430933720871563847270 4.0/14

+ sign 601.816+/-0.000 χ^2/NDF: 109494471147636

Left Out: 603.317+/-0.000 χ^2/NDF:2023108432540805097671000990085545984 0.0/10

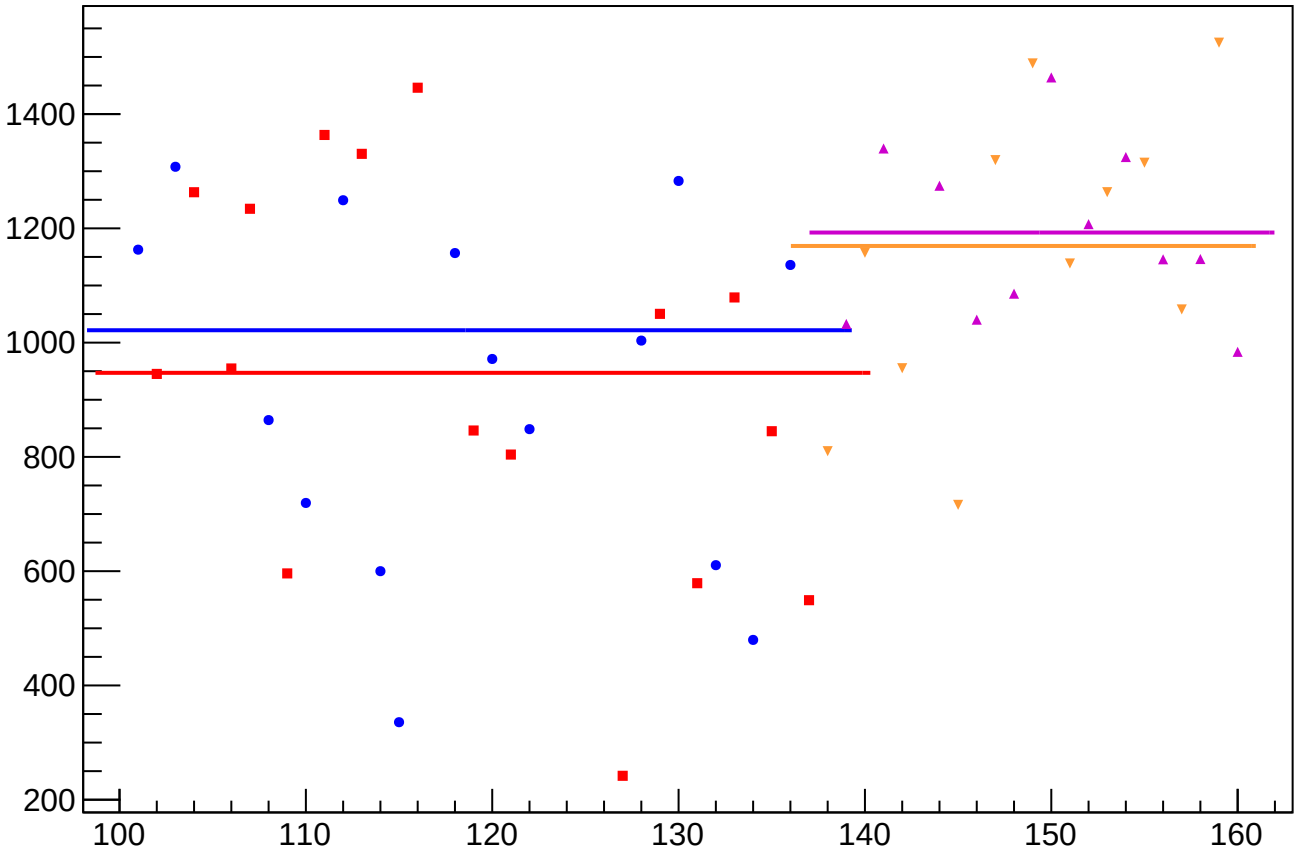
All: 613.978+/-0.000 χ^2/NDF: 21954895147 2

Right Out: 623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

- sign 625.437+/-0.000 χ^2/NDF: 109623841978162

Left Out: 626.785+/-0.000 χ^2/NDF:817098942966537005025427577470399283 2.0/10

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1169.193+/-0.000 χ^2/NDF:5277744667517852928965440818889988505 6.0/10

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

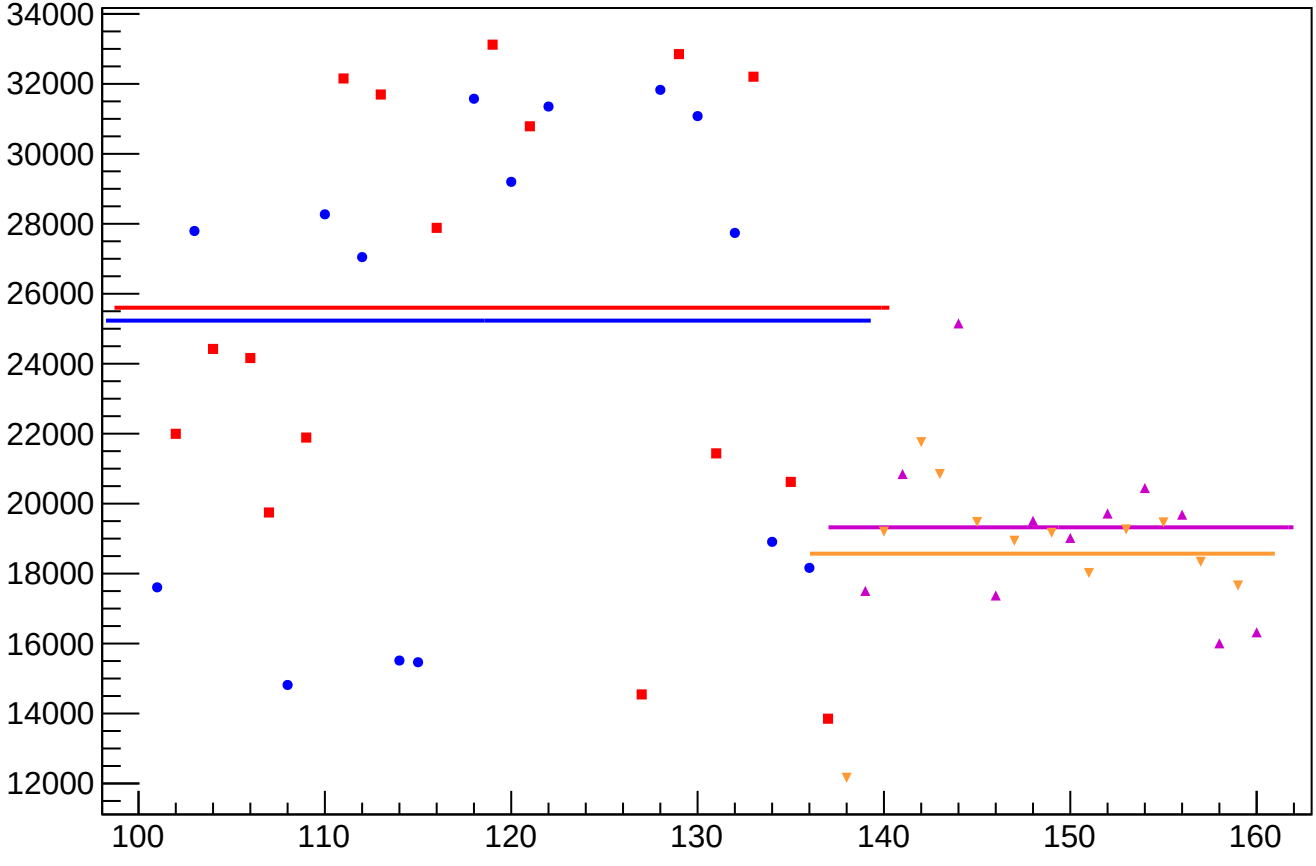
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1105.328+/-0.000 χ^2/NDF: 10127806605821

All: 1097.306+/-0.000 χ^2/NDF: 2118602898 1

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Left Out: 18569.658+/-0.000 χ^2/NDF:4355453929949745896740569008121325813760.0/11

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

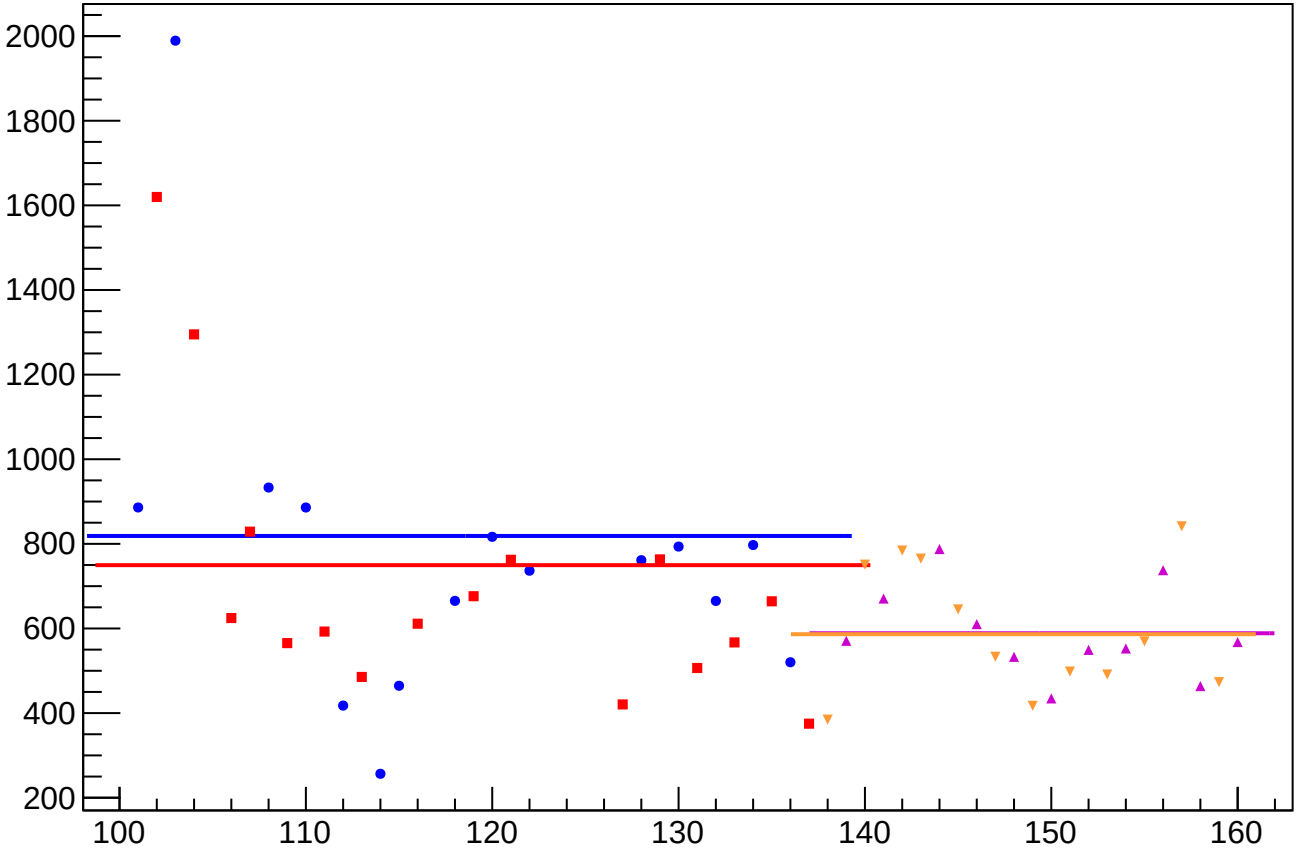
Left In: 19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

+ sign 21330.839+/-0.000 χ^2/NDF: 4575967964808

All: 21645.438+/-0.000 χ^2/NDF: 9120642152

- sign 21955.094+/-0.000 χ^2/NDF: 4513919478175

dit_usr_coil7_err_mean vs Slug



Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14

+ sign 682.698+/-0.000 χ^2/NDF: 1458960387664 57

Left Out: 586.466+/-0.000 χ^2/NDF:1979896833676526591917517428715054 6944.0/11

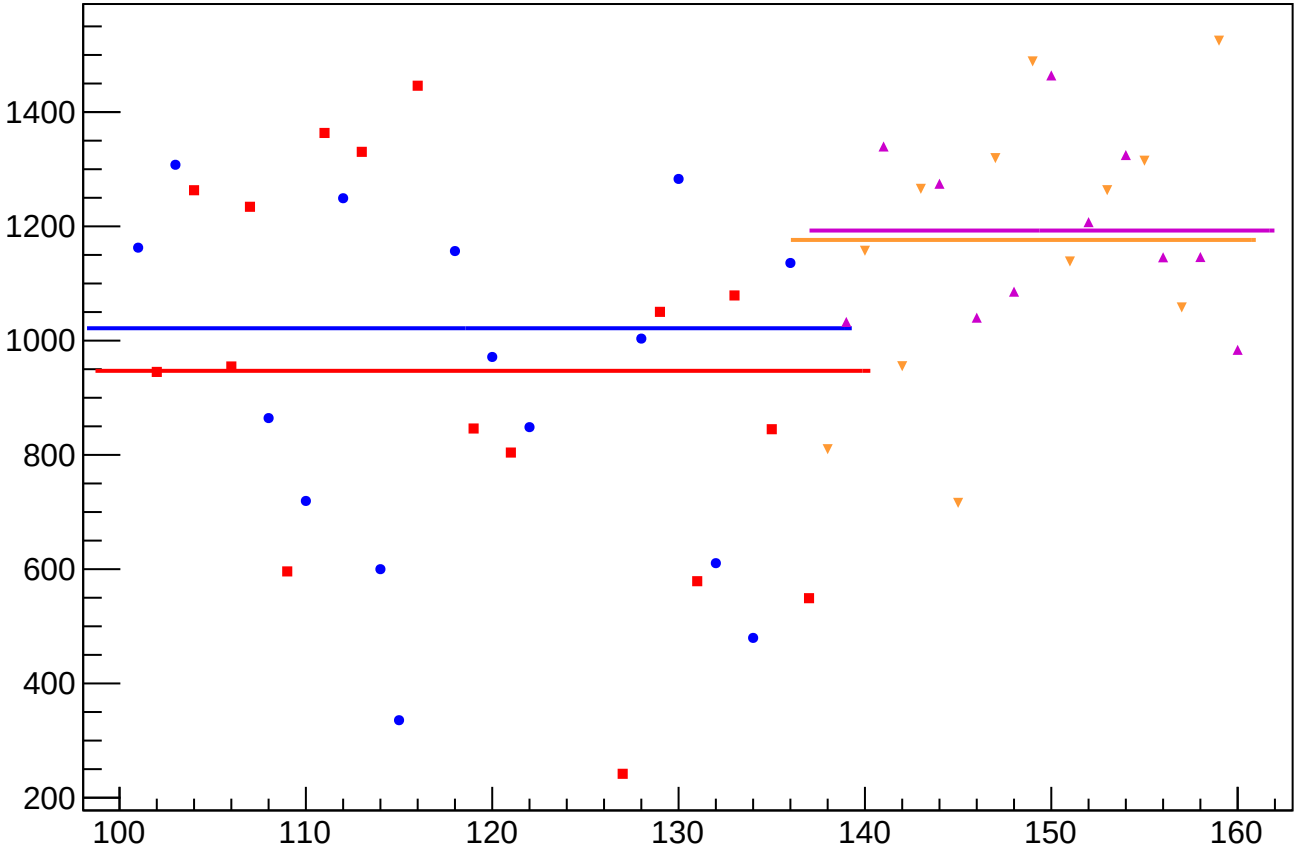
All: 669.332+/-0.000 χ^2/NDF: 2443653604 84

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

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

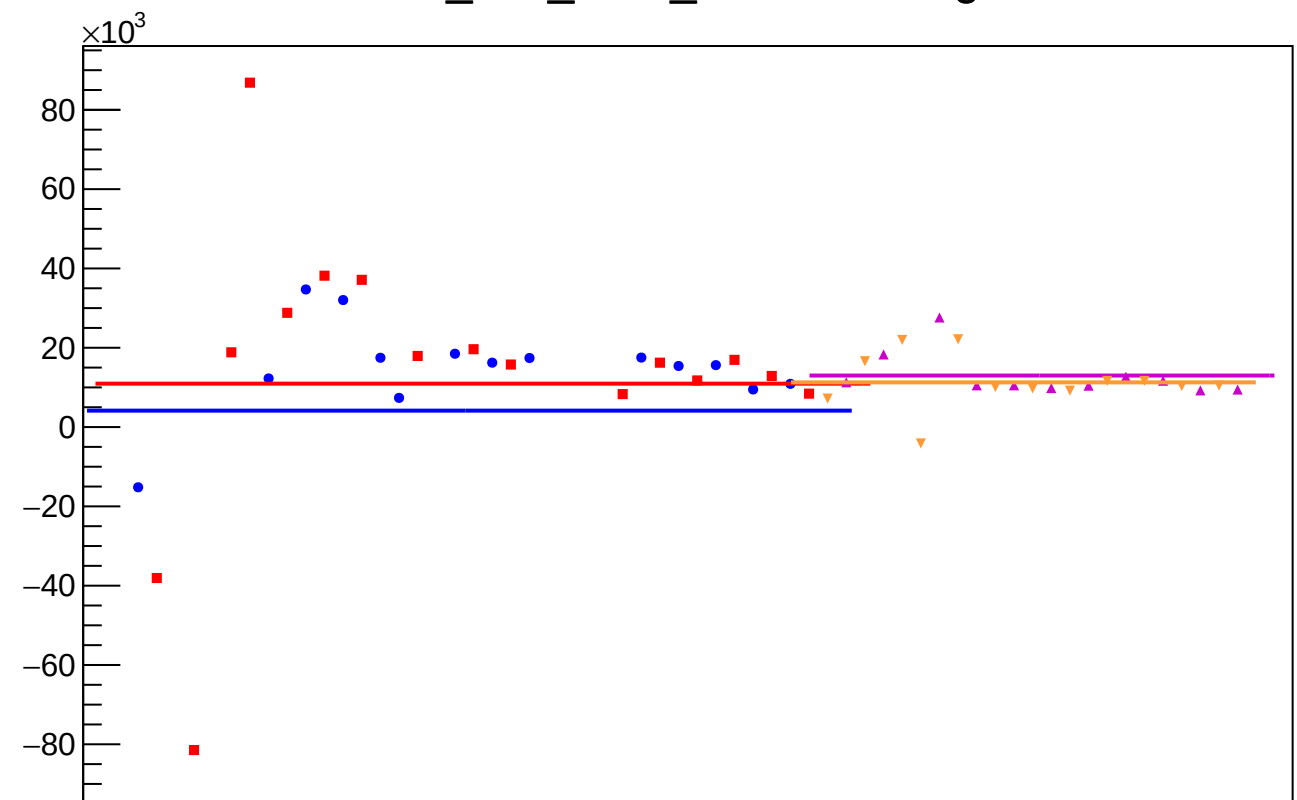
Left In: 1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191 1552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_atl1_coil7_mean vs Slug



Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

+ sign 8317.741+/-0.000 χ^2/NDF: 8181264655678 8

Left Out: 11270.779+/-0.000 χ^2/NDF:3513704352703313906538875918268284849356 8.0/11

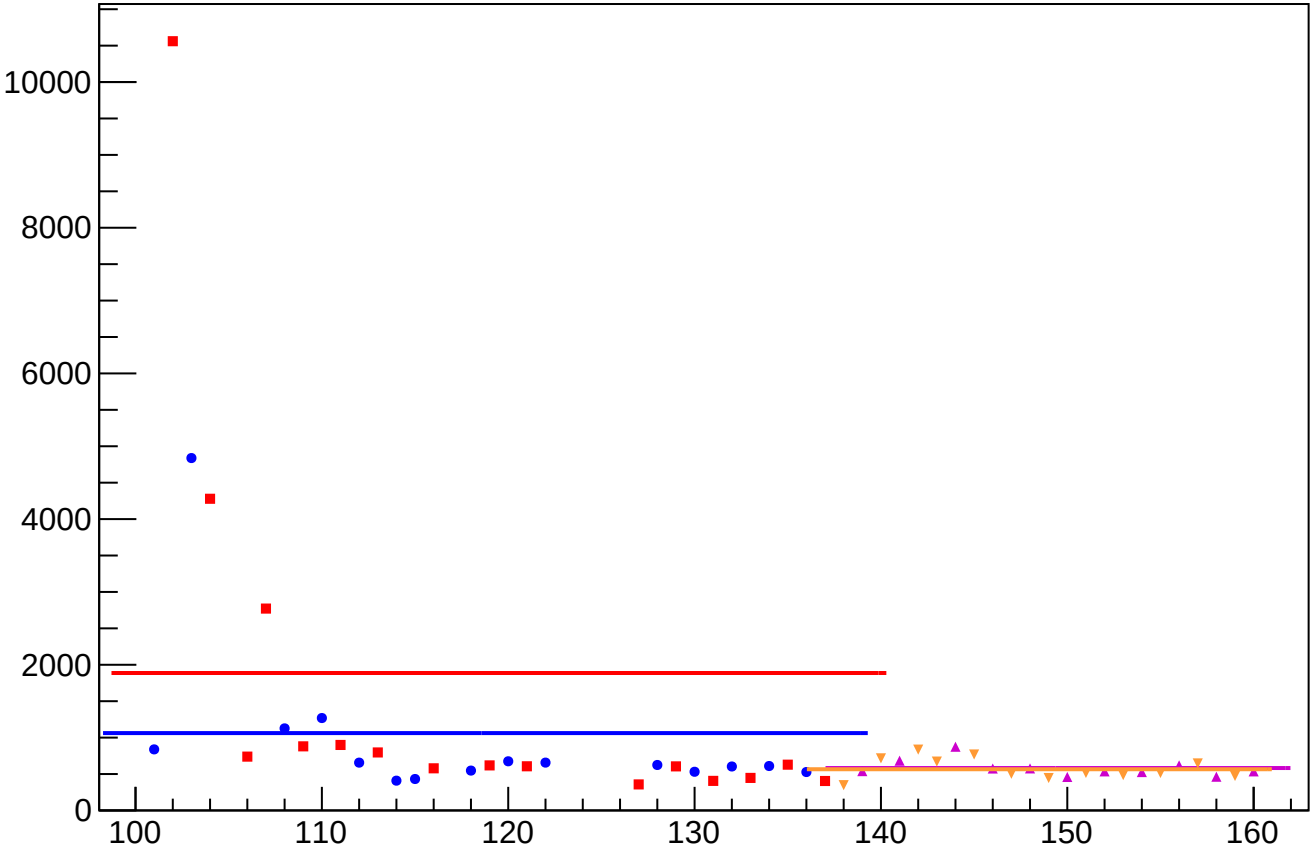
All: 10242.200+/-0.000 χ^2/NDF: 1731605729

Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

- sign 12136.418+/-0.000 χ^2/NDF: 9019709098500

Left Out: 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 771.544+/-0.000 χ^2/NDF: 106304781671472

Left Out: 565.876+/-0.000 χ^2/NDF:166473791256182929136478488785793843 20.0/11

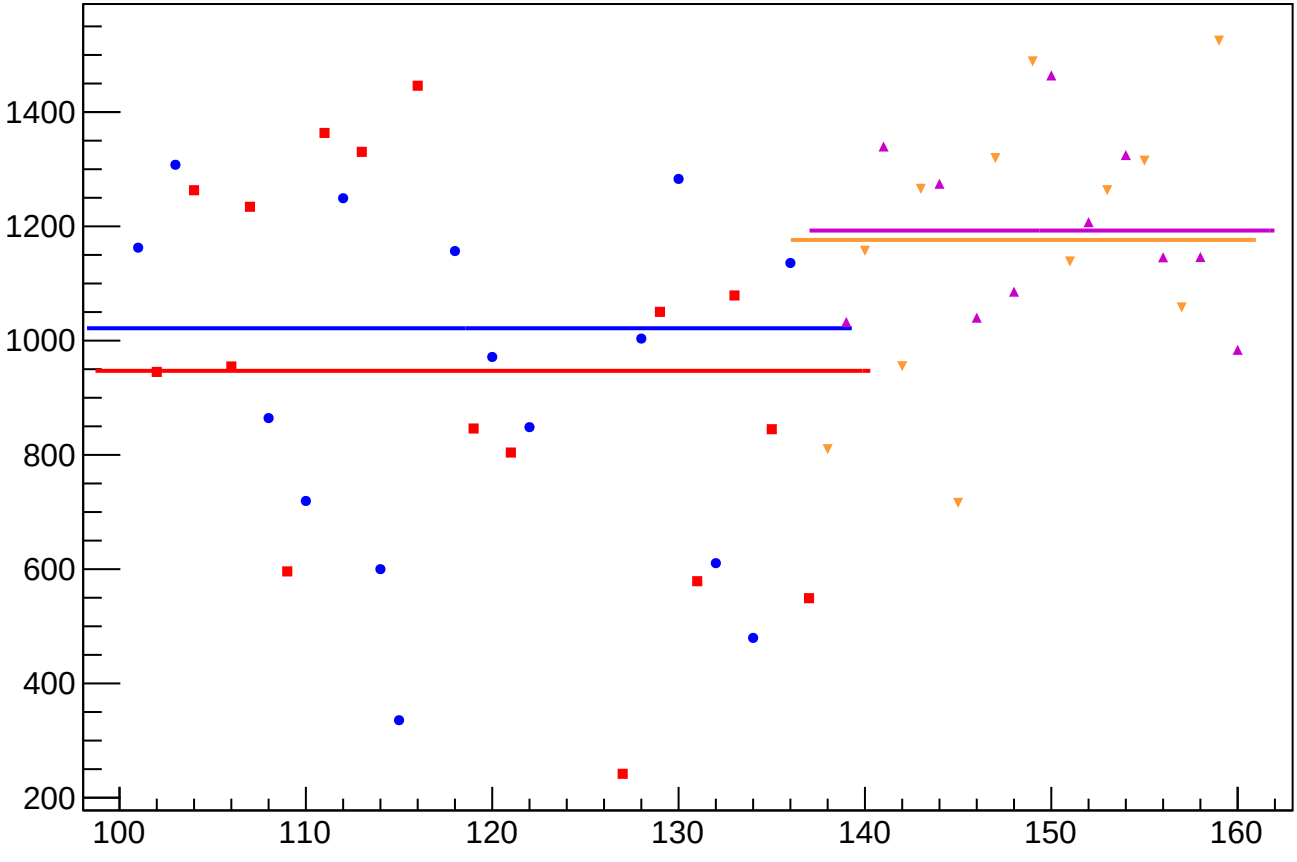
All: 951.874+/-0.000 χ^2/NDF: 73611942095 4

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:1186014446253818181381467896572962 4064.0/10

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

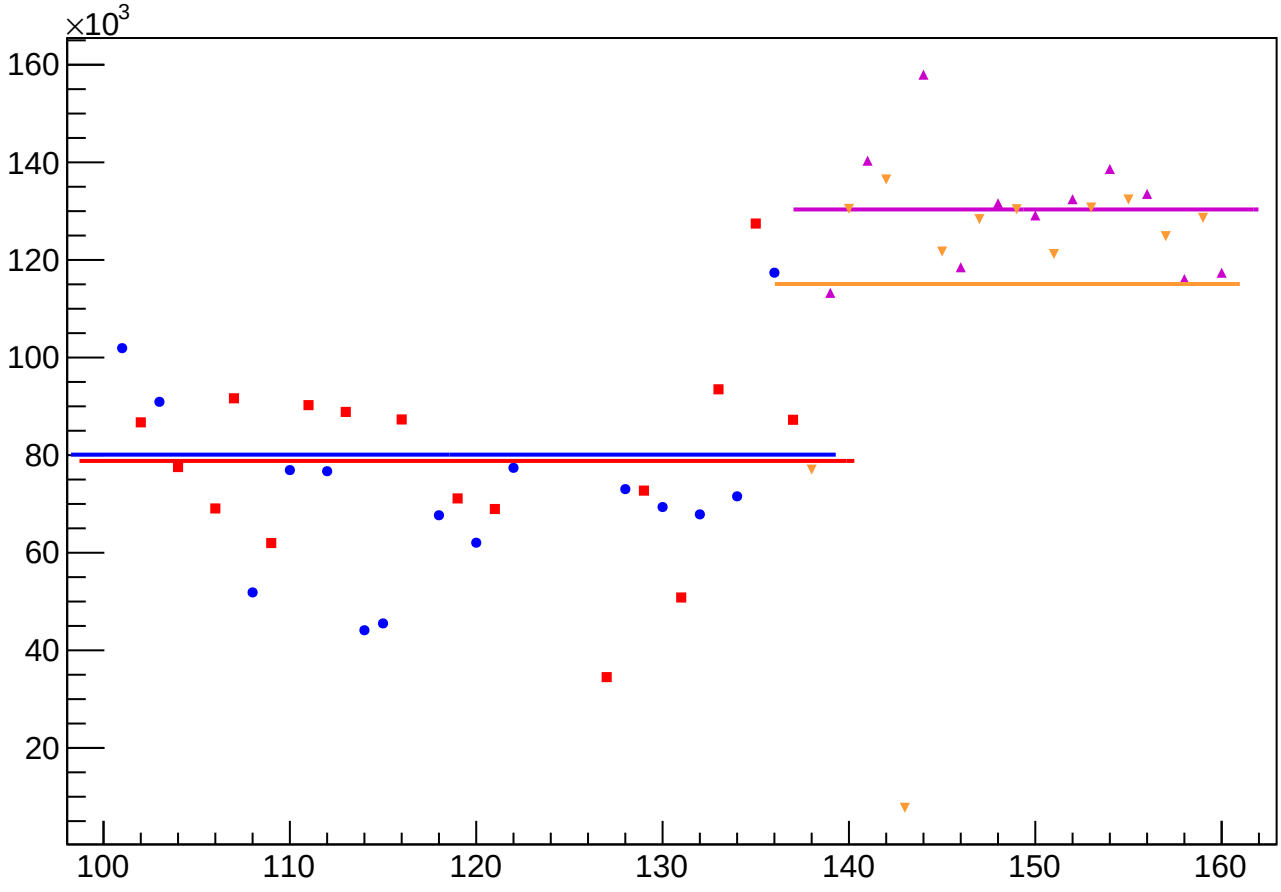
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

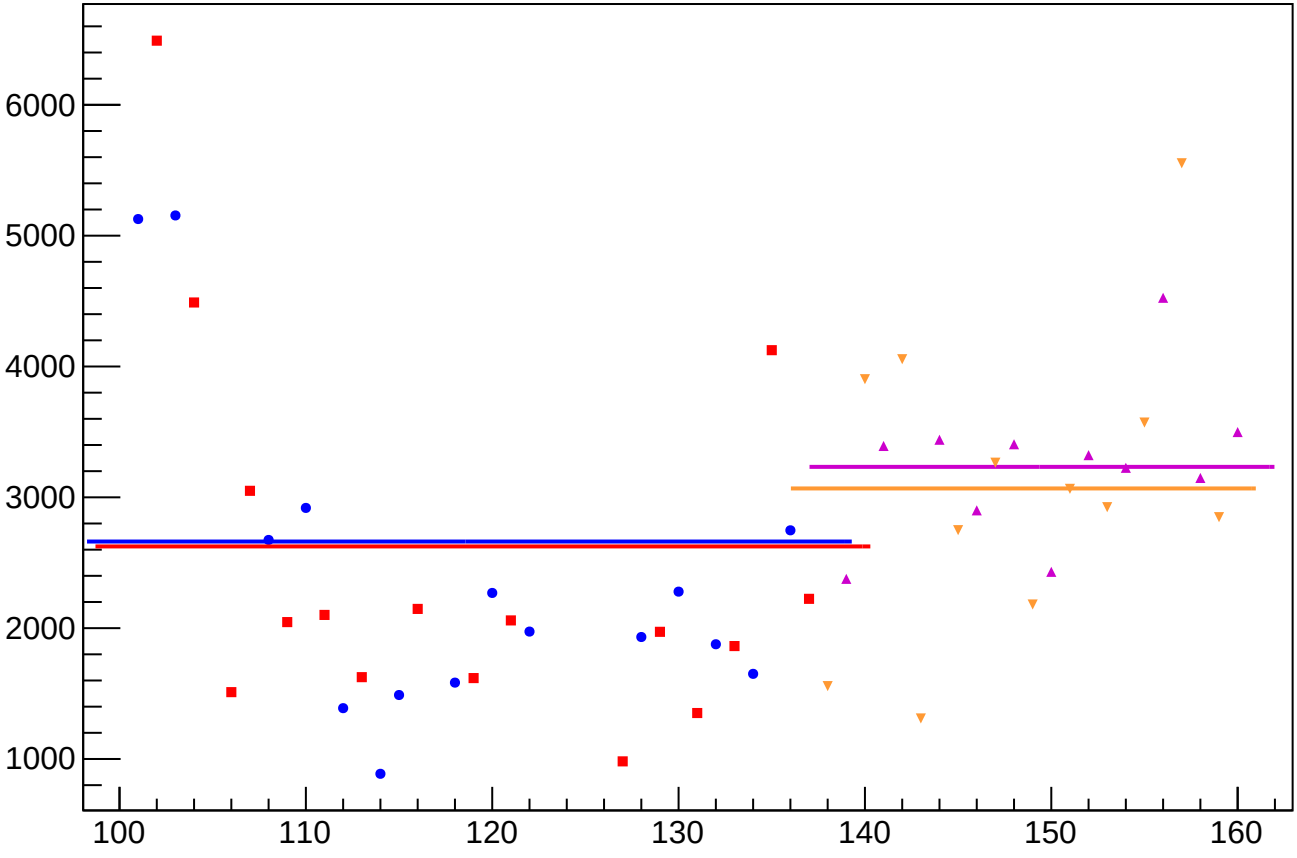
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14
+ sign 100579.063+/-0.000 χ^2/NDF: 17517314596 8
Left Out: 115071.197+/-0.000 χ^2/NDF:10325006808320338789278995472903048307671 04.0/11
All: 104693.349+/-0.000 χ^2/NDF: 32672028 7
Right Out: 78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15
- sign 108742.985+/-0.000 χ^2/NDF: 14628715001 2
Left In: 130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF: 1031389230165640157864439705583367487488.0/14

Left Out: 3067.875+/-0.000 χ^2/NDF:1078495187687389019694818149822179049472.0/11

Right Out: 2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

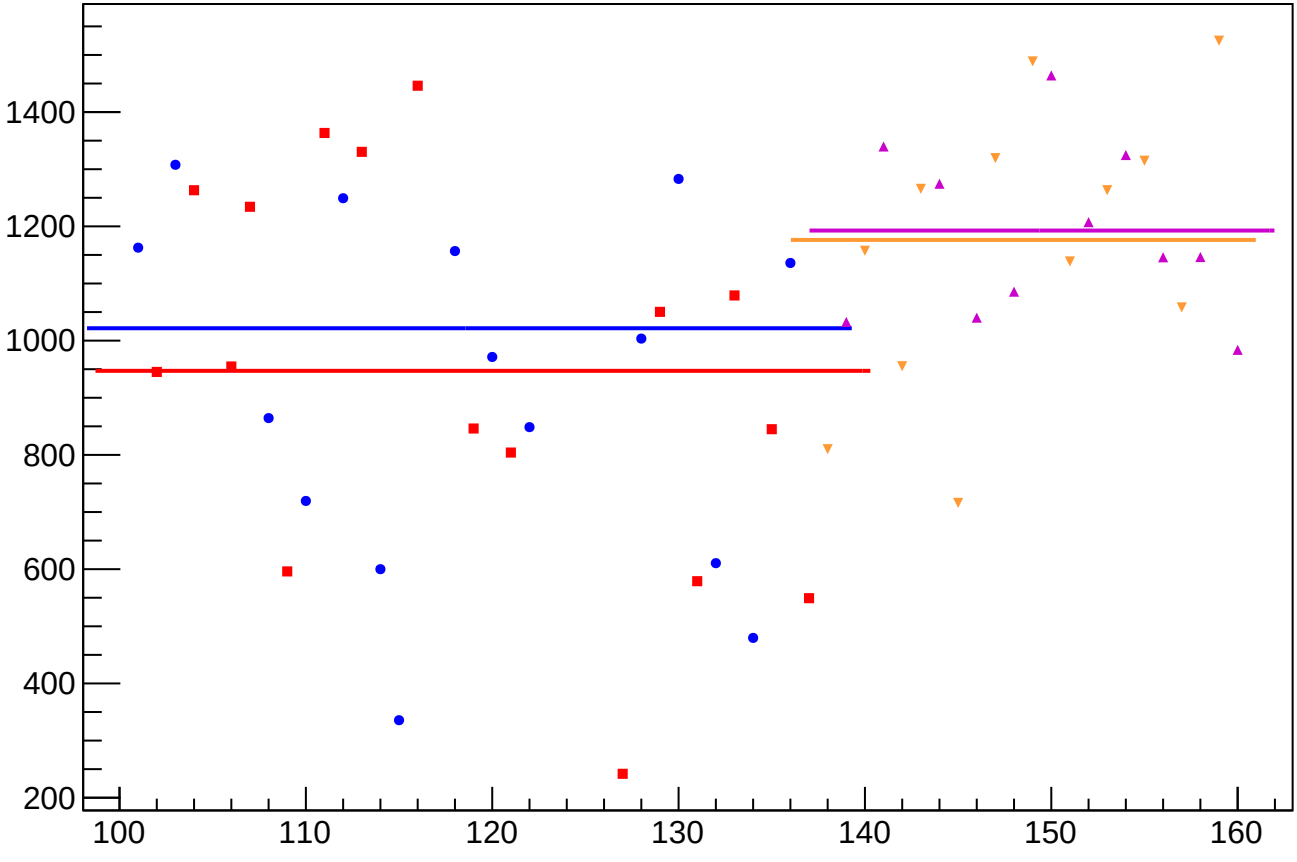
Left In: 3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938 88.0/10

+ sign 2899.744+/-0.000 χ^2/NDF: 2172432595163 2

All: 2939.136+/-0.000 χ^2/NDF: 4162964280 6

- 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

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

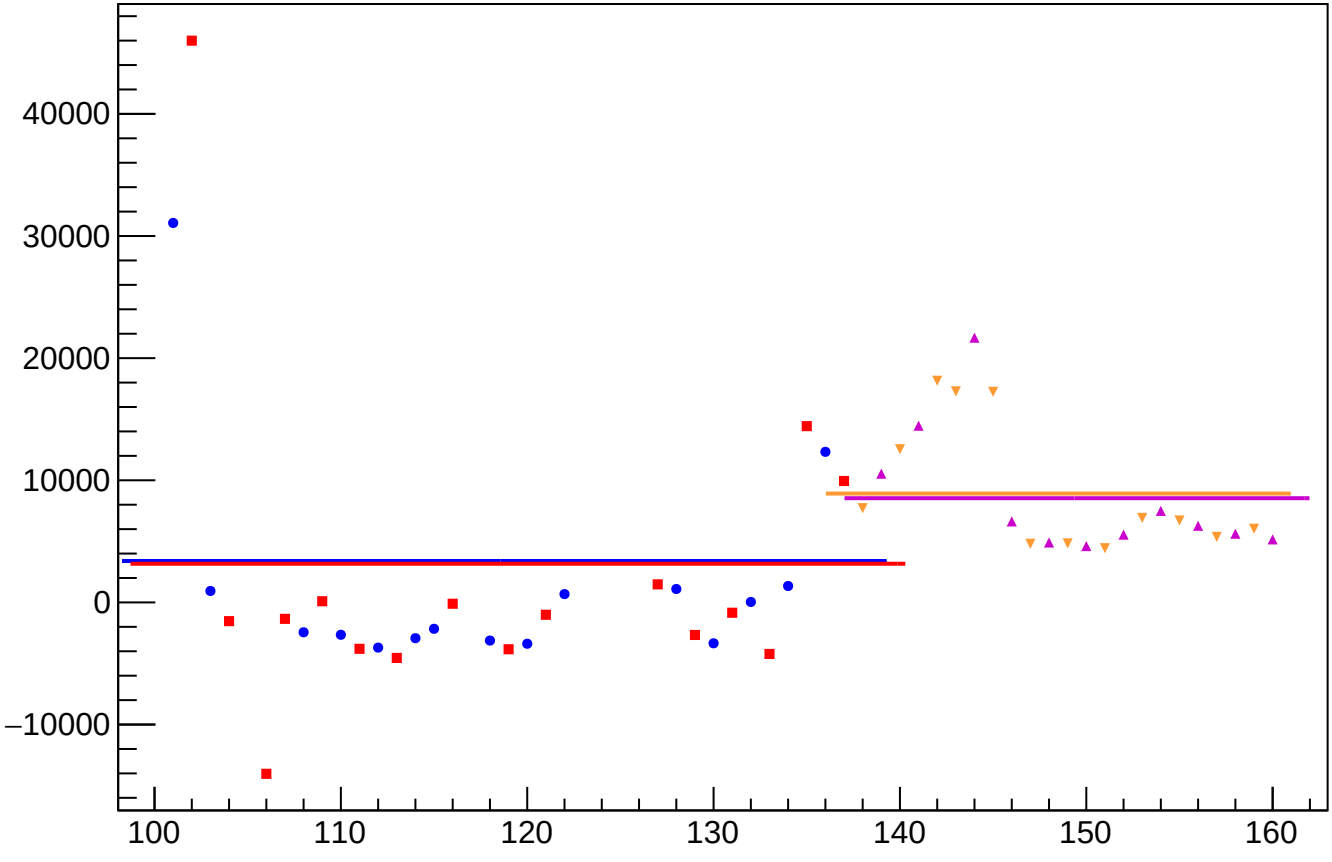
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

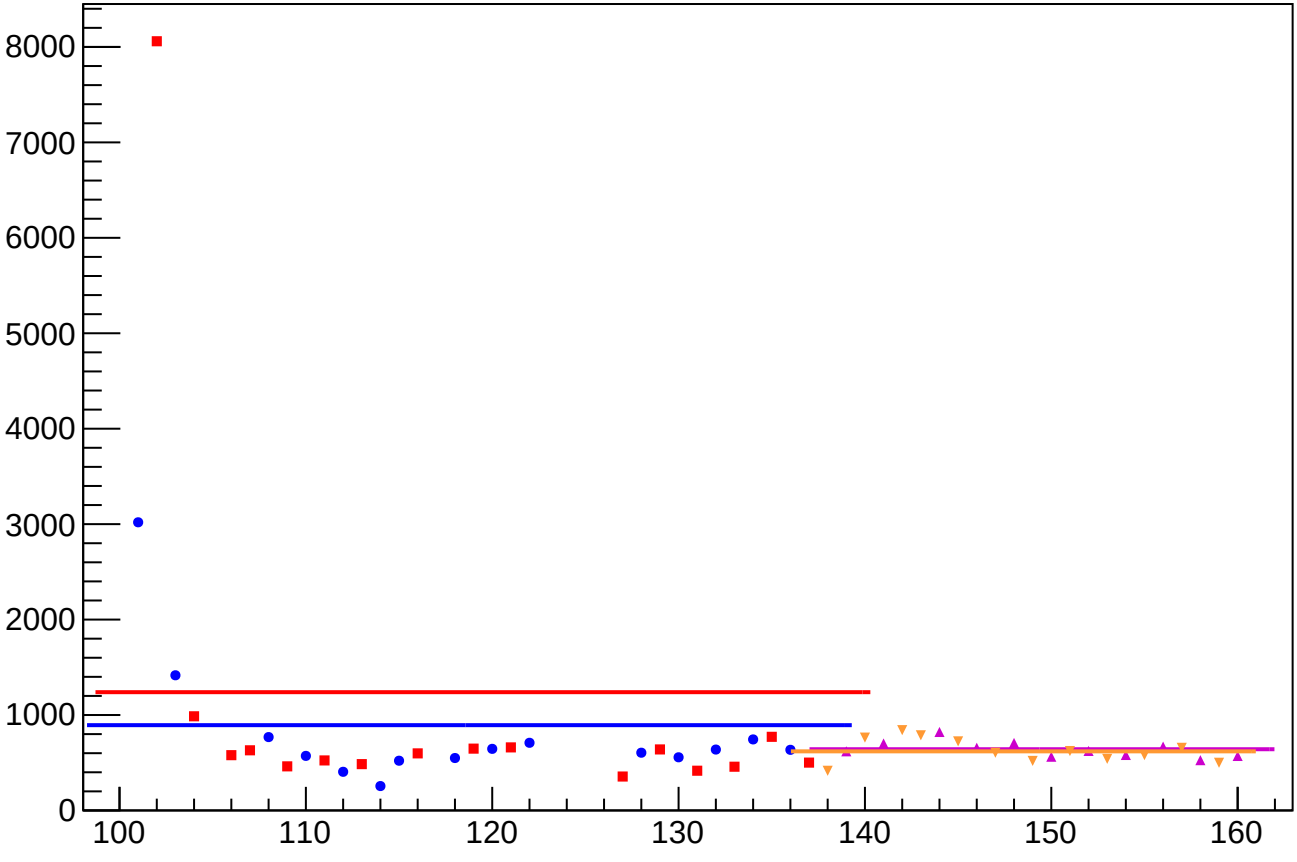
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_atr1_coil7_mean vs Slug



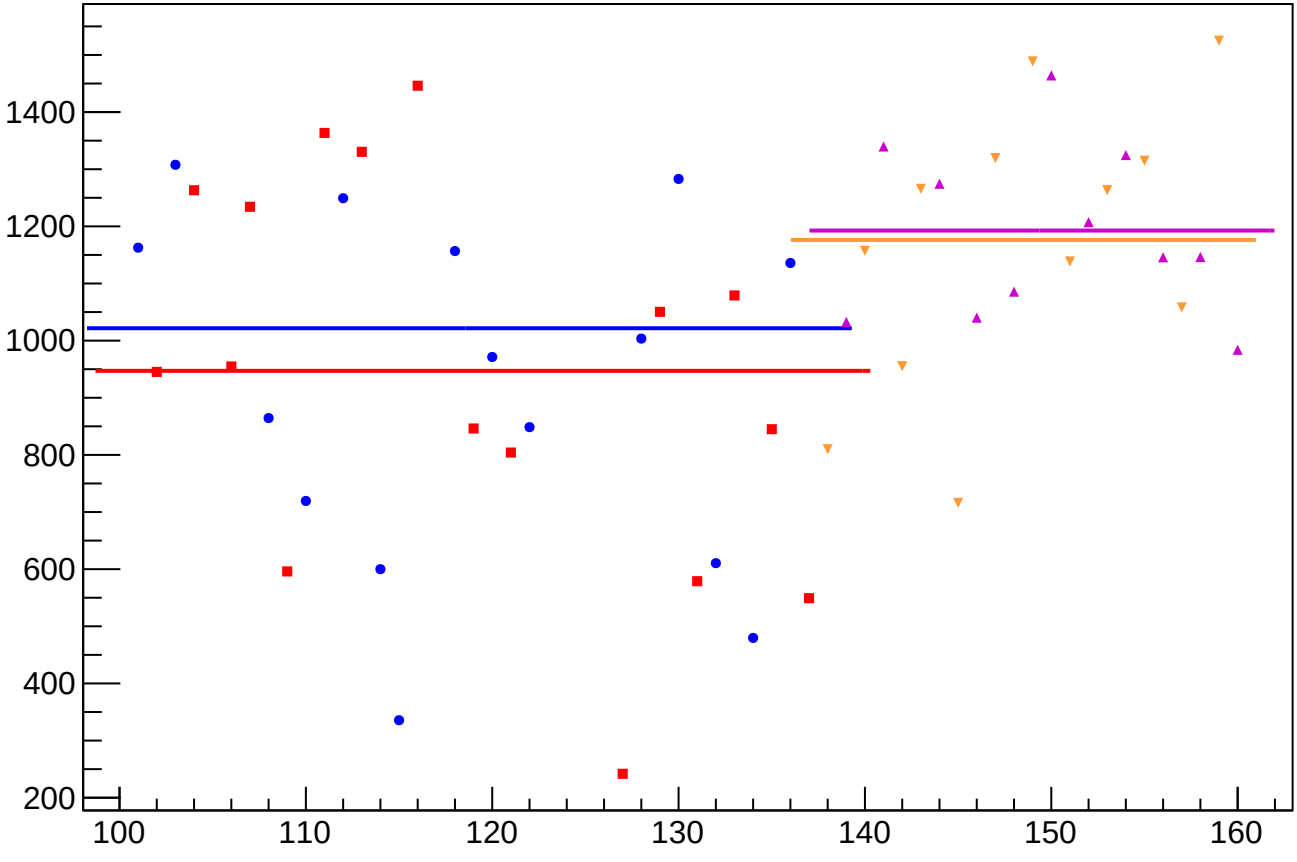
Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14
+ sign 6624.005+/-0.000 χ^2/NDF: 995302664223 56
Left Out: 8912.459+/-0.000 χ^2/NDF:2207054440264607428426823169080523594 1376.0/11
All: 6452.383+/-0.000 χ^2/NDF: 272826765 04
Right Out: 3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15
- sign 6283.457+/-0.000 χ^2/NDF: 17320497250641
Left Out: 8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647 0400.0/10

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14
+ sign 733.050+/-0.000 χ^2/NDF: 375925094146267
Left Out: 619.363+/-0.000 χ^2/NDF:1274331059790780227359809930048988774 4.0/11
All: 813.210+/-0.000 χ^2/NDF: 351136718180
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: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

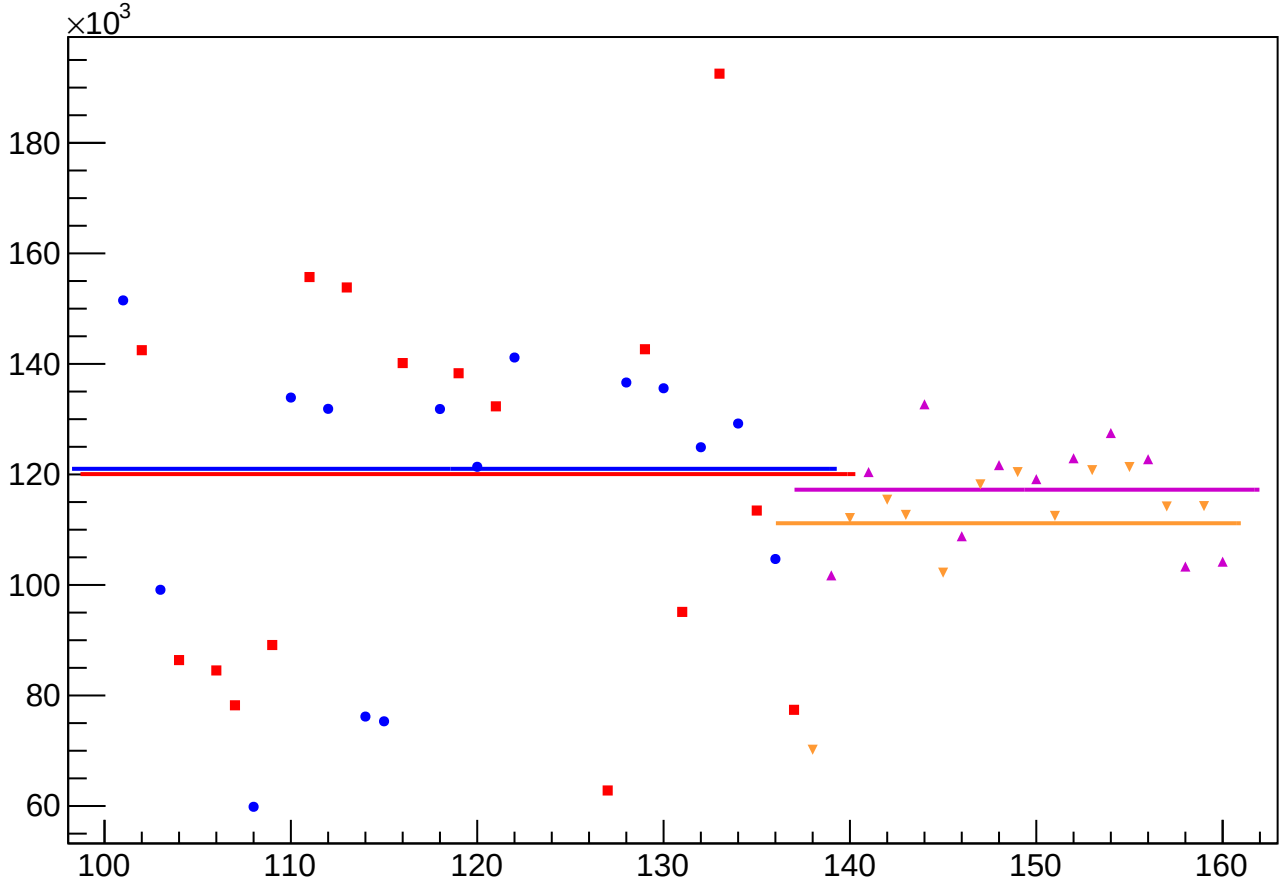
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

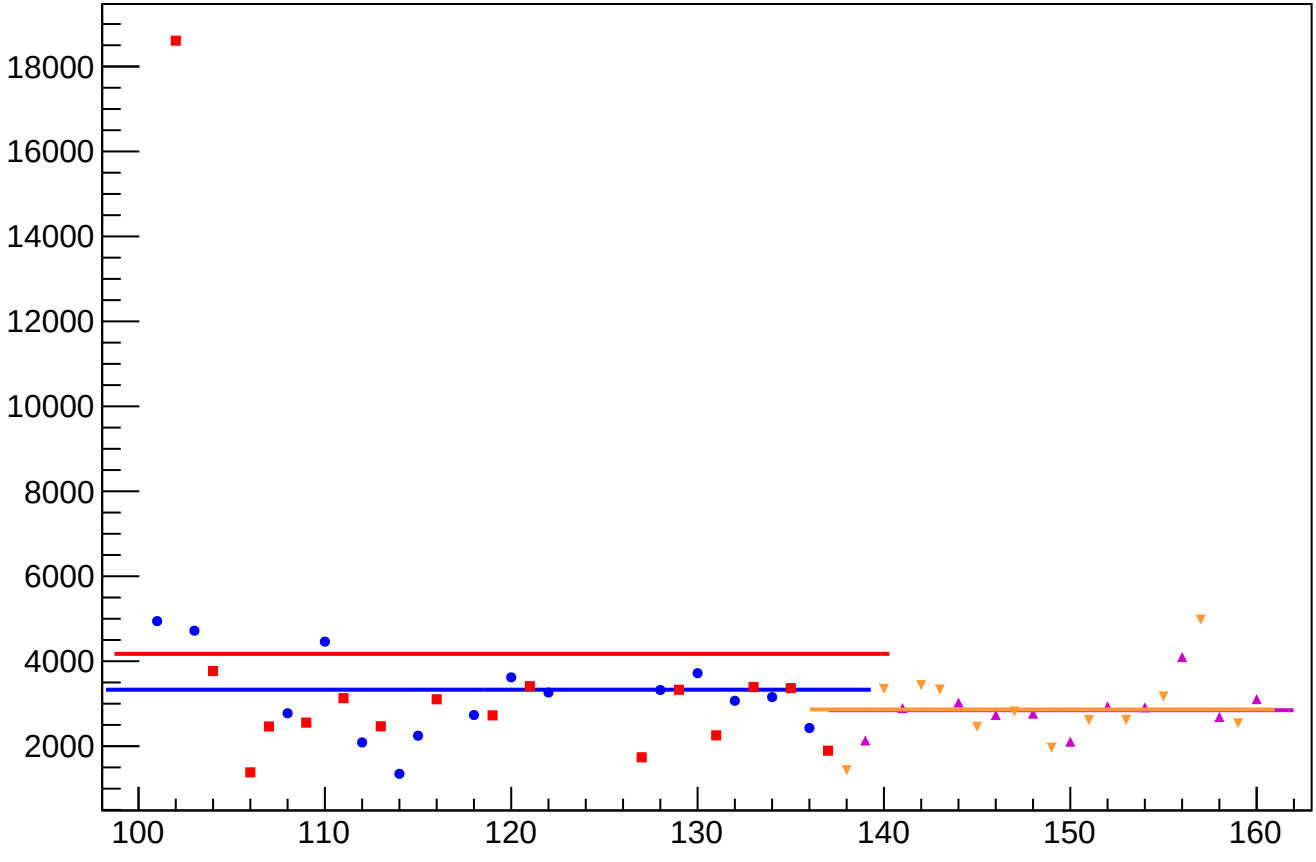
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_atr2_coil7_mean vs Slug



Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
+ sign 115248.820+/-0.000 χ^2/NDF: 562947495905
Left Out: 111166.801+/-0.000 χ^2/NDF:1673641924393880472122504610079693686702 08.0/11
All: 116847.498+/-0.000 χ^2/NDF: 14946961 8
Right Out: 120060.693+/-0.000 χ^2/NDF: 8284197823467076014486203100141359527362 56.0/15
- sign 118421.056+/-0.000 χ^2/NDF: 923806900564
Left Out: 117237.465+/-0.000 χ^2/NDF:9229952770615806309654443420667879201177 6.0/10

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

+ sign 3056.426+/-0.000 χ^2/NDF: 1318441136144 2

Left Out: 2863.169+/-0.000 χ^2/NDF:668766817298044492245074854515224608768.0/11

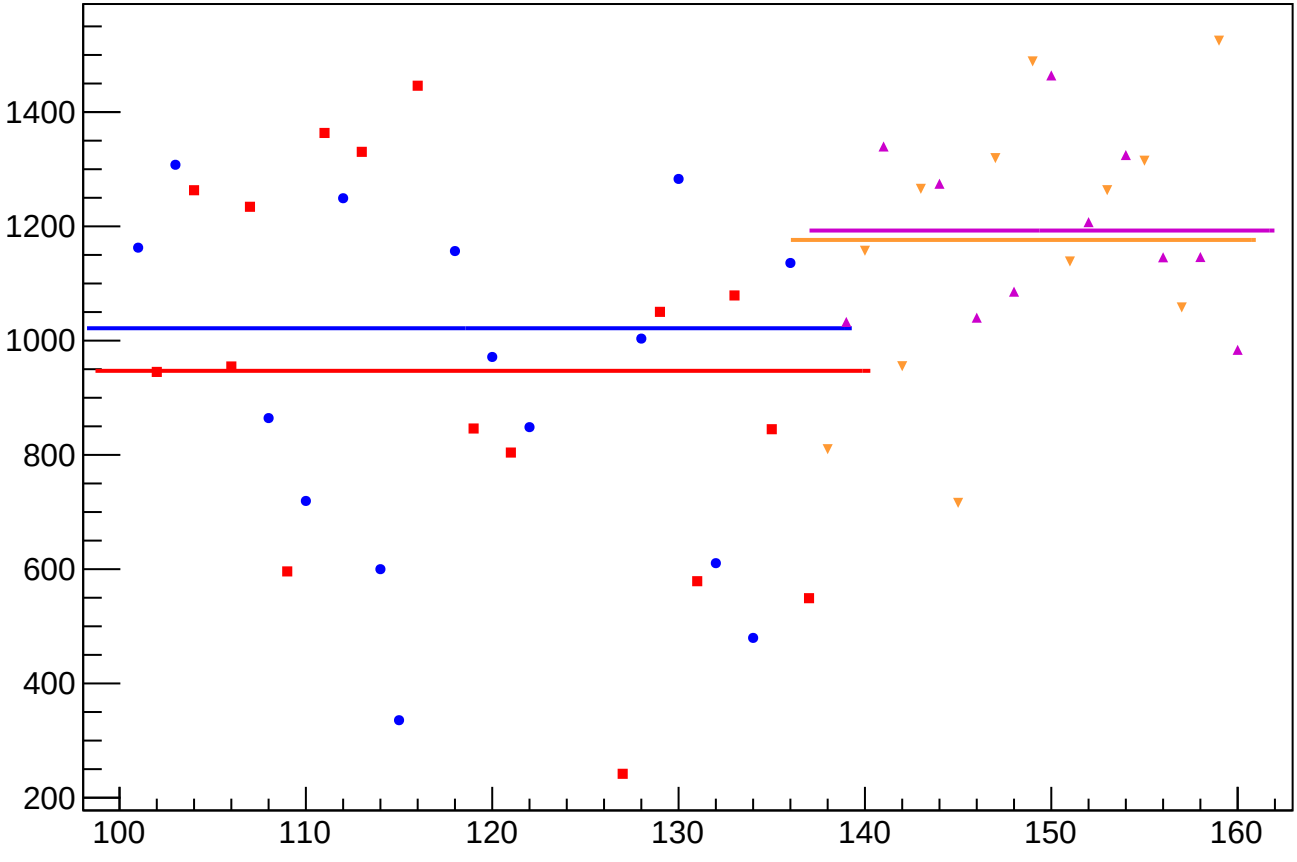
All: 3230.999+/-0.000 χ^2/NDF: 1582295003 2

Right Out: 4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810 6240.0/15

- sign 3402.829+/-0.000 χ^2/NDF: 14409809055061

Left In: 2846.559+/-0.000 χ^2/NDF:229557109736682123603885764134616170496.0/10

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

Left Out: 1176.242+/-0.000 χ^2/NDF:533555257965920228823850231988832174 08.0/11

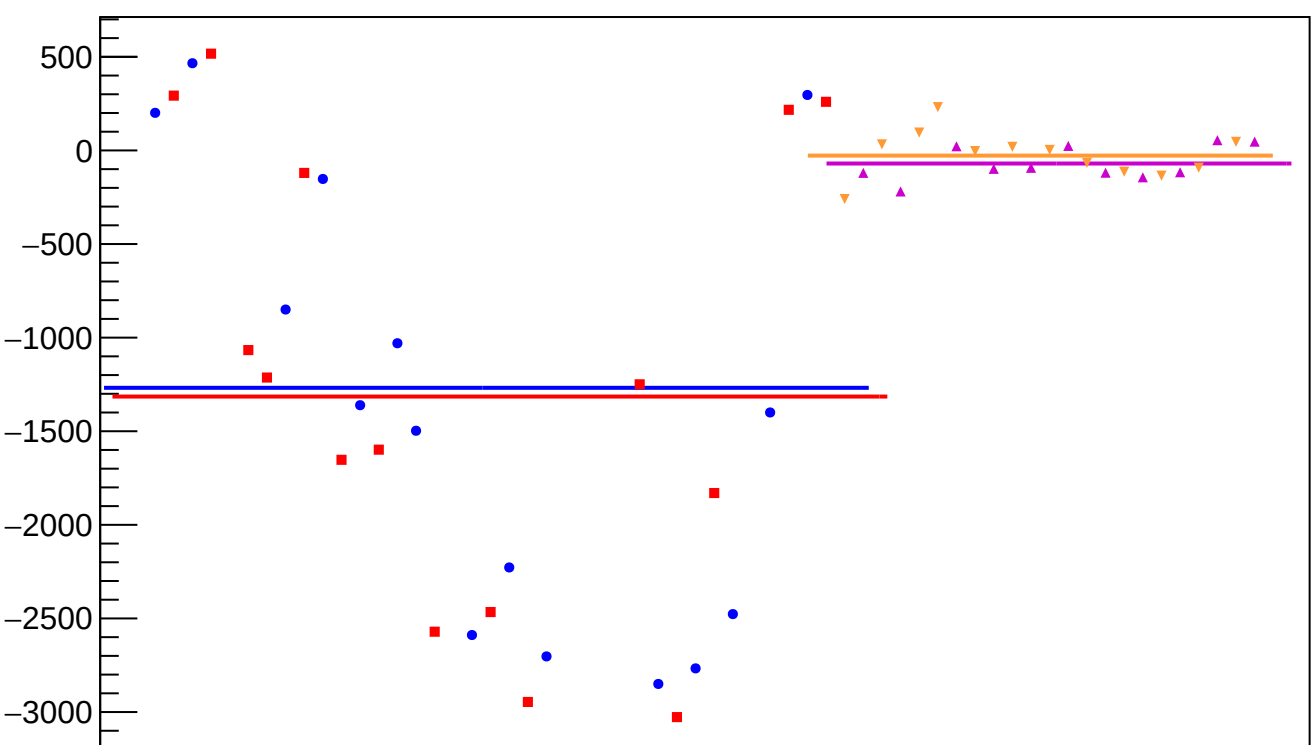
All: 1100.879+/-0.000 χ^2/NDF: 2137192276 7

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_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14

+ sign -541.718+/-0.000 χ^2/NDF: 16894077125350

Left Out: -27.654+/-0.000 χ^2/NDF:1240413161703628881857363251691729715 2.0/11

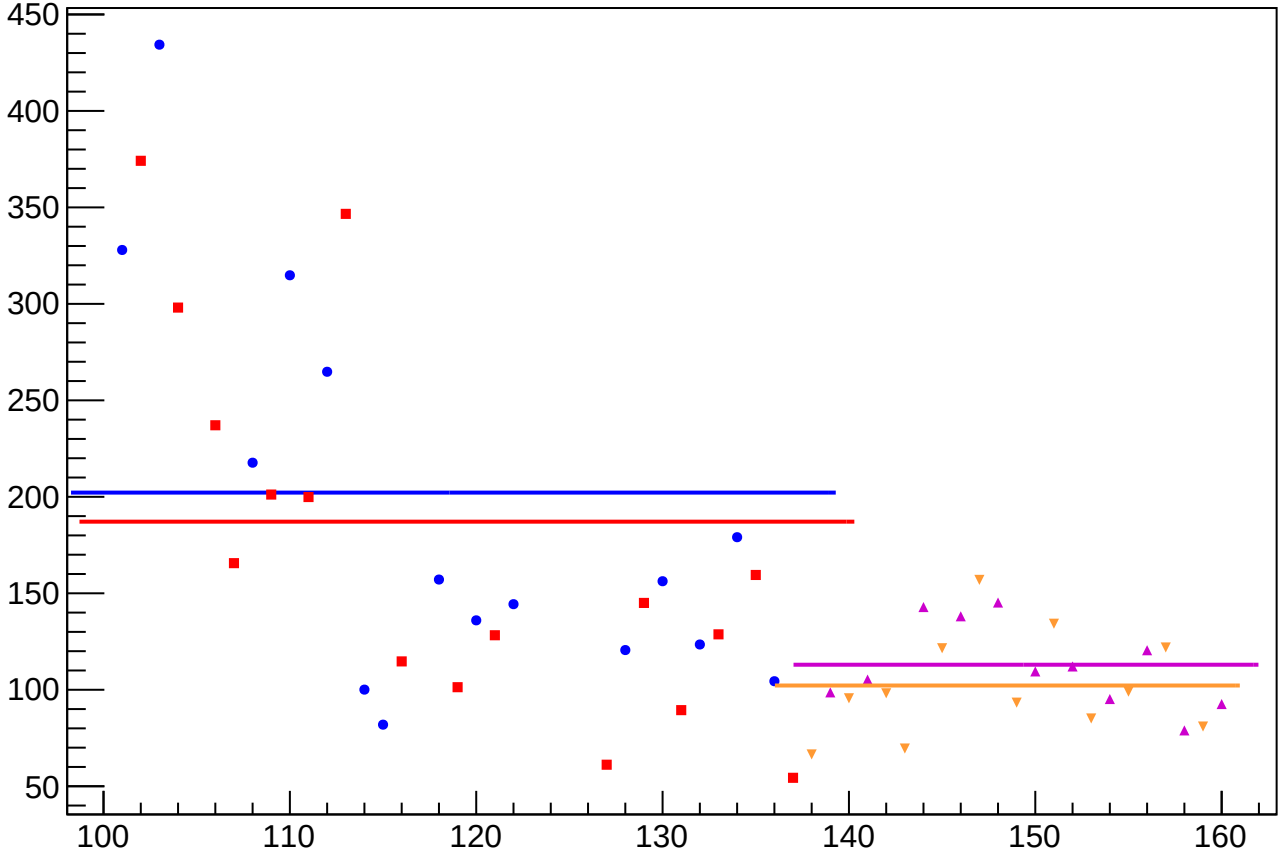
All: -566.948+/-0.000 χ^2/NDF: 3397073857 4

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:68967290551060954926752907755446599 68.0/10

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Left Out: 102.211+/-0.000 χ^2/NDF:617349982651654313498458631453016064.0/11

Right Out: 187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

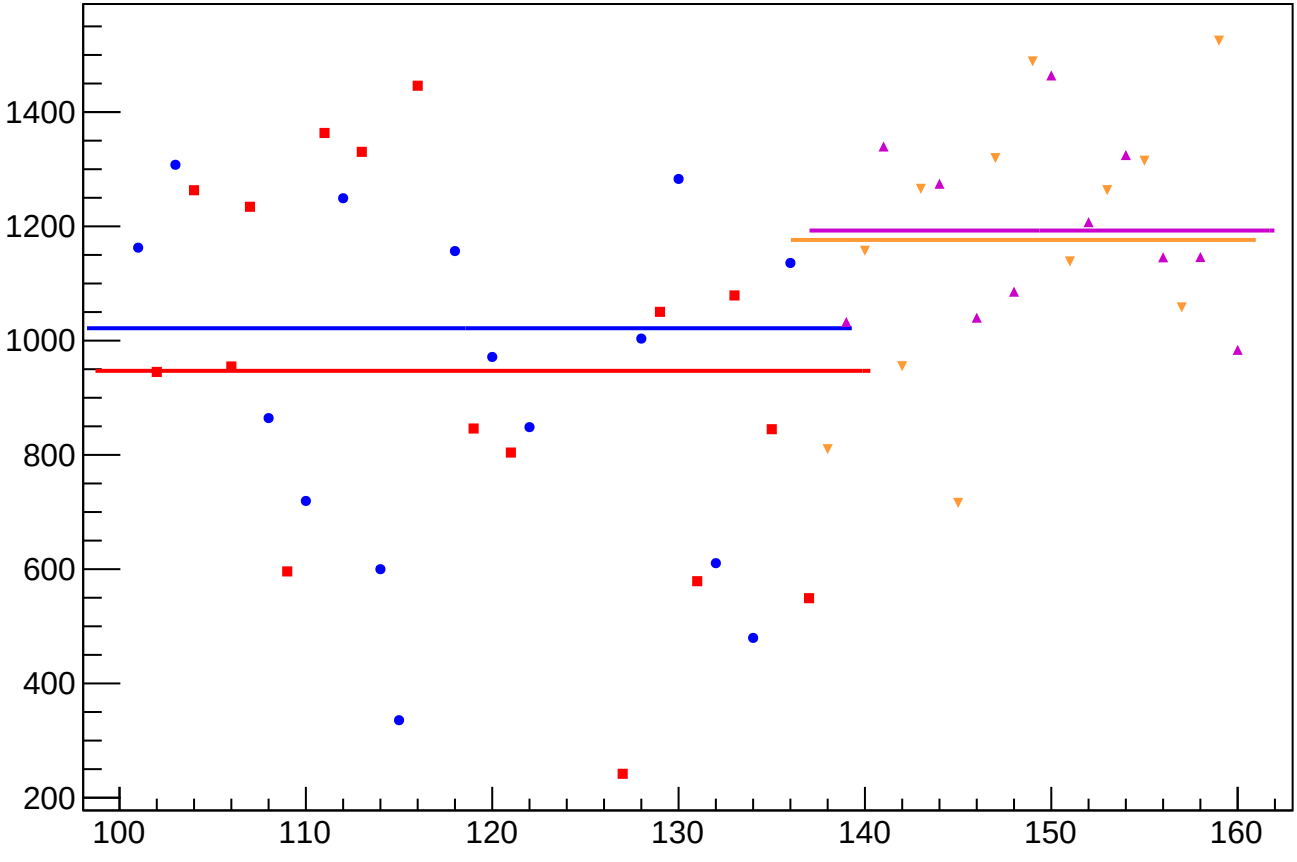
Left In: 112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

+ sign 143.646+/-0.000 χ^2/NDF: 114440760944396

All: 143.857+/-0.000 χ^2/NDF: 20202858861 5

- 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: 404931014708702783978362764035924951 04.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

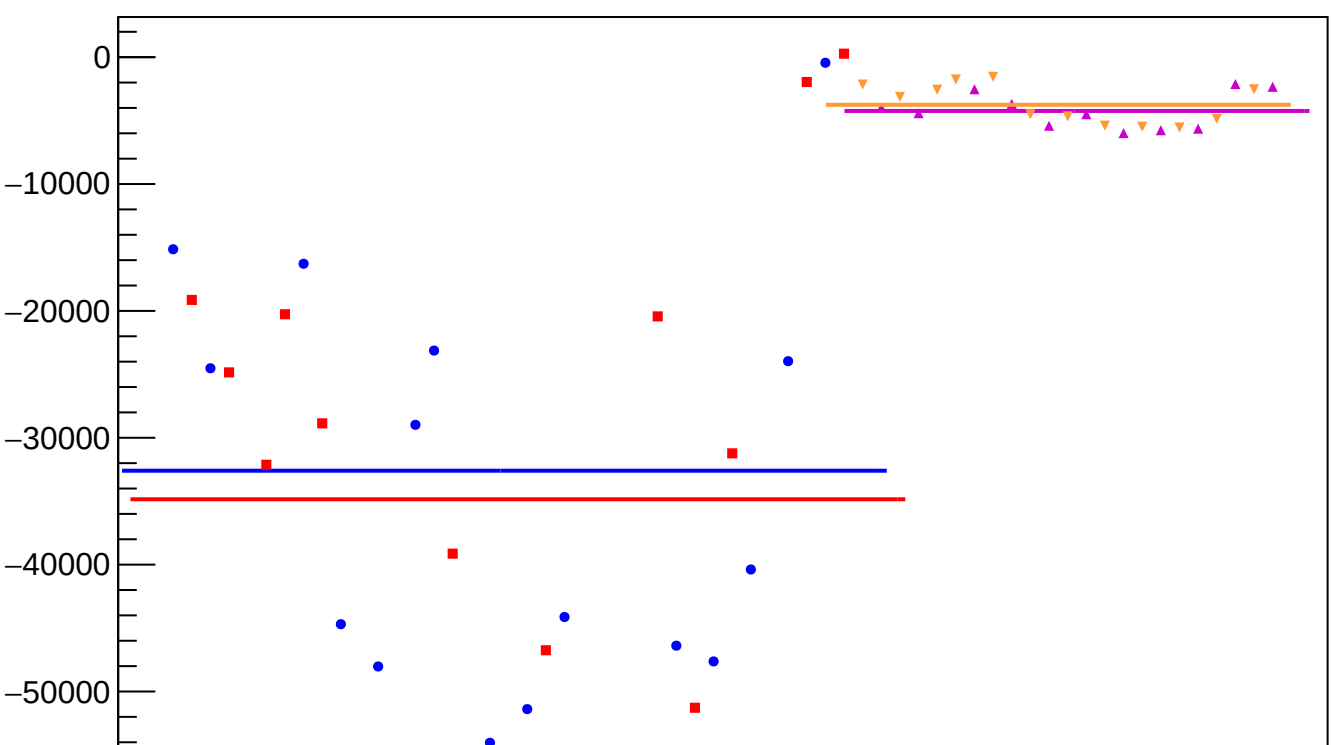
Left In: 1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191 1552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

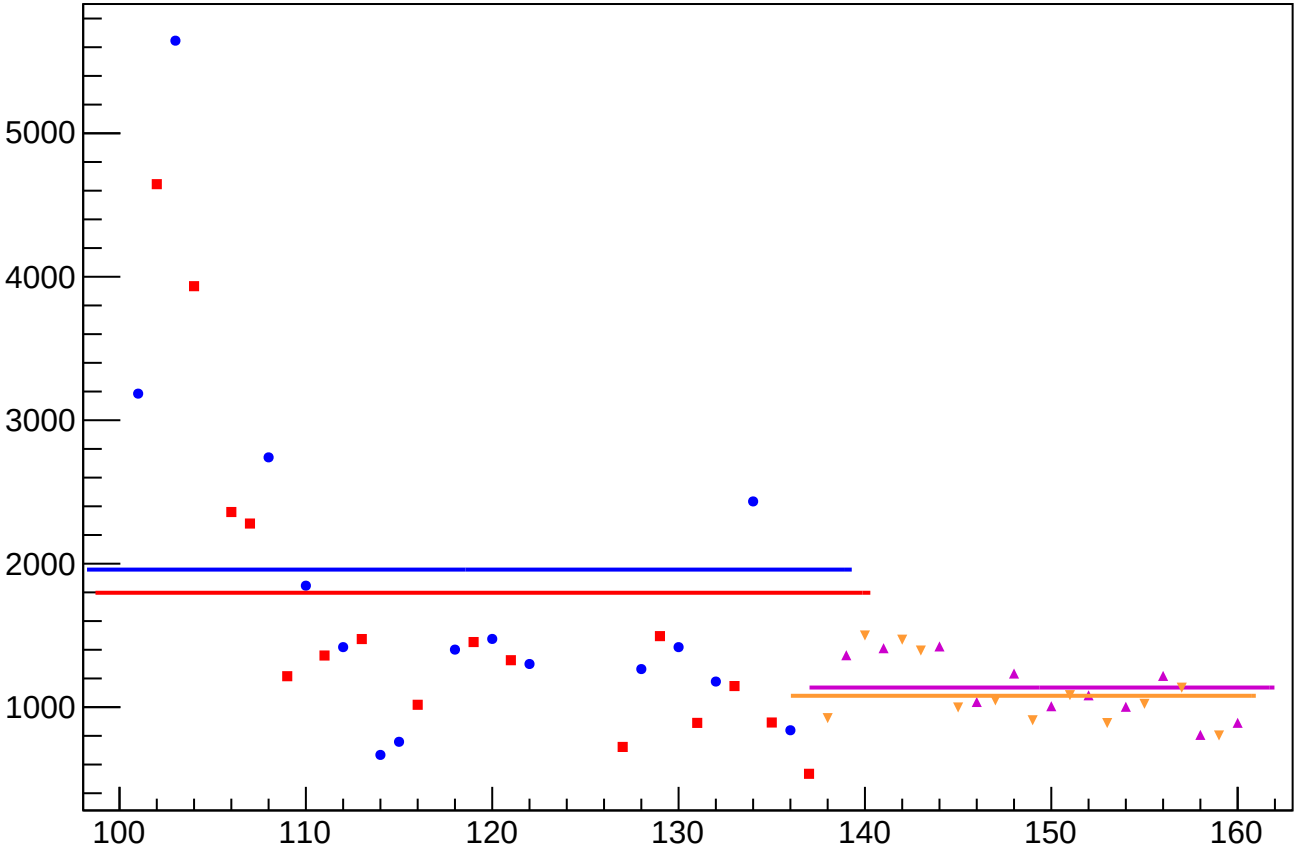
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam2_coil7_mean vs Slug



Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
+ sign -15705.699+/-0.000 χ^2/NDF: 527300976753
Left Out: -3752.448+/-0.000 χ^2/NDF:200401892239786451250625175198296860262 4.0/11
All: -16393.850+/-0.000 χ^2/NDF: 111451580
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 1443.764+/-0.000 χ^2/NDF: 15261985554575

Left Out: 1079.227+/-0.000 χ^2/NDF:428394586612557246098944060584624128 00.0/11

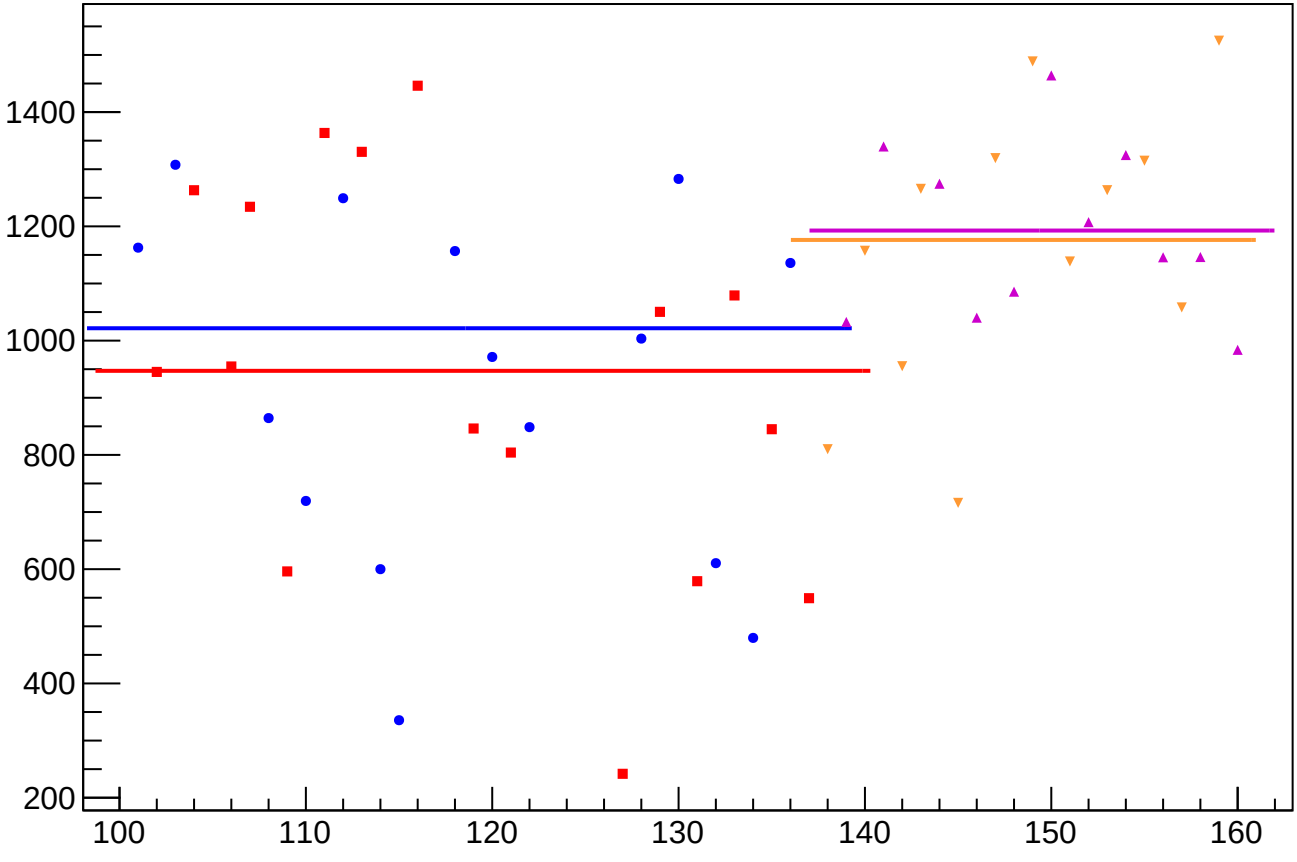
All: 1428.616+/-0.000 χ^2/NDF: 2687742321 7

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: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

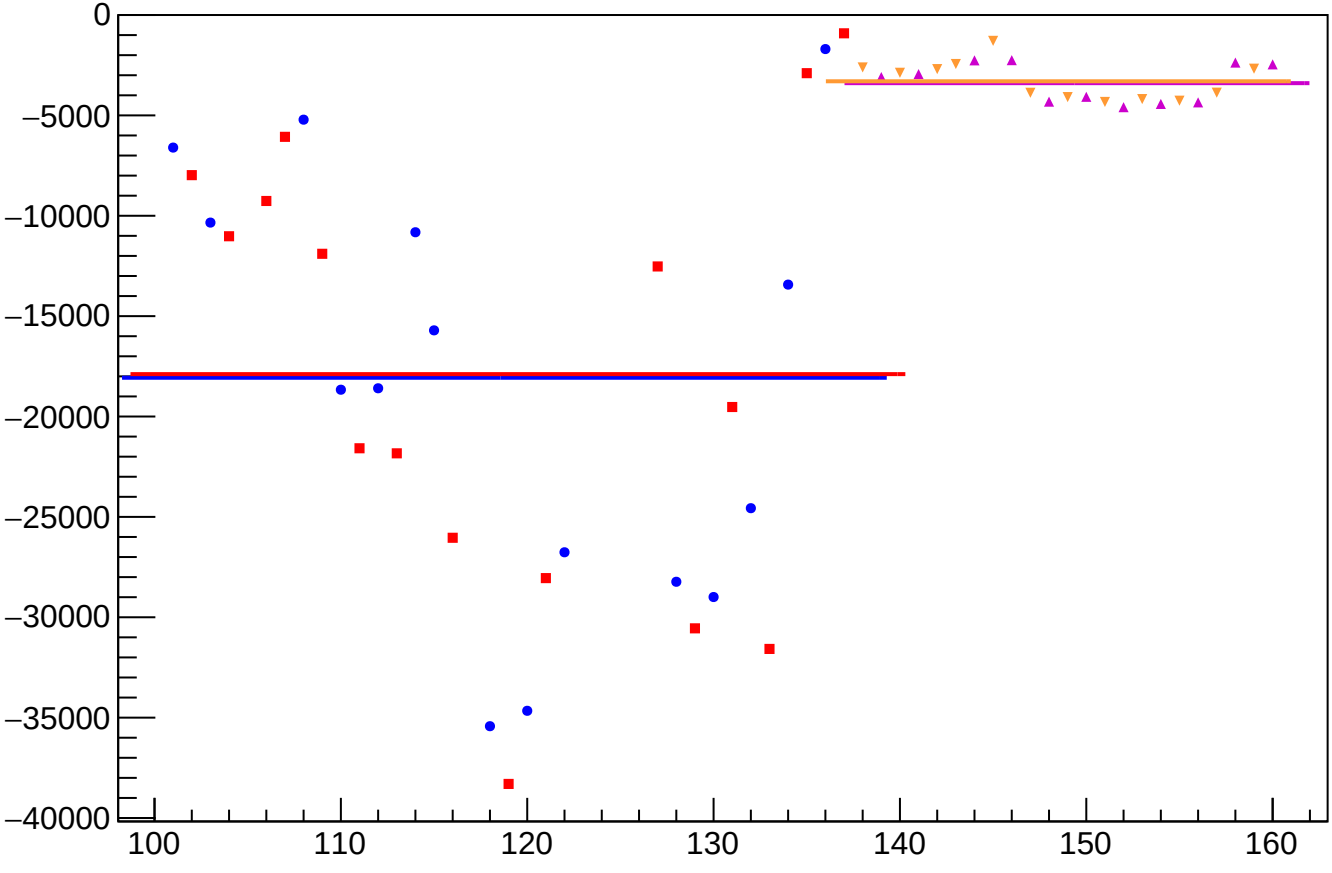
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

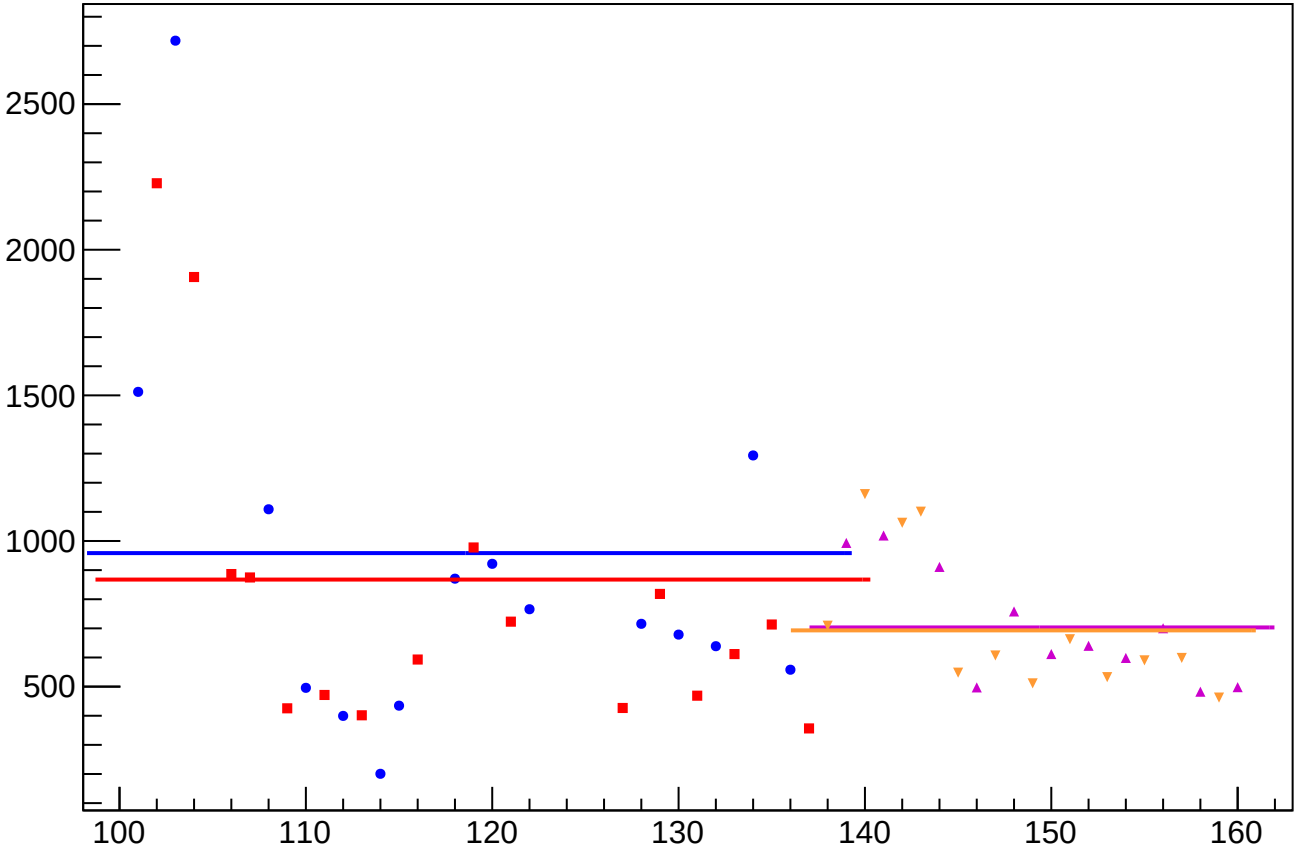
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
+ sign -9421.237+/-0.000 χ^2/NDF: 1679928582354
Left Out: -3301.165+/-0.000 χ^2/NDF:804572006868088518224503479729974673408.0/11
All: -9446.127+/-0.000 χ^2/NDF: 3285809924
Right Out: -17888.149+/-0.000 χ^2/NDF: 784059156129142528698752310687953930158 08.0/15
- sign -9470.625+/-0.000 χ^2/NDF: 1605862092635 7
Left In: -3394.339+/-0.000 χ^2/NDF:804969095824057391704293669390893711360.0/10

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Left Out: 693.081+/-0.000 χ^2/NDF:485147344685037081265386412672412549 12.0/11

Right Out: 867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881510 40.0/15

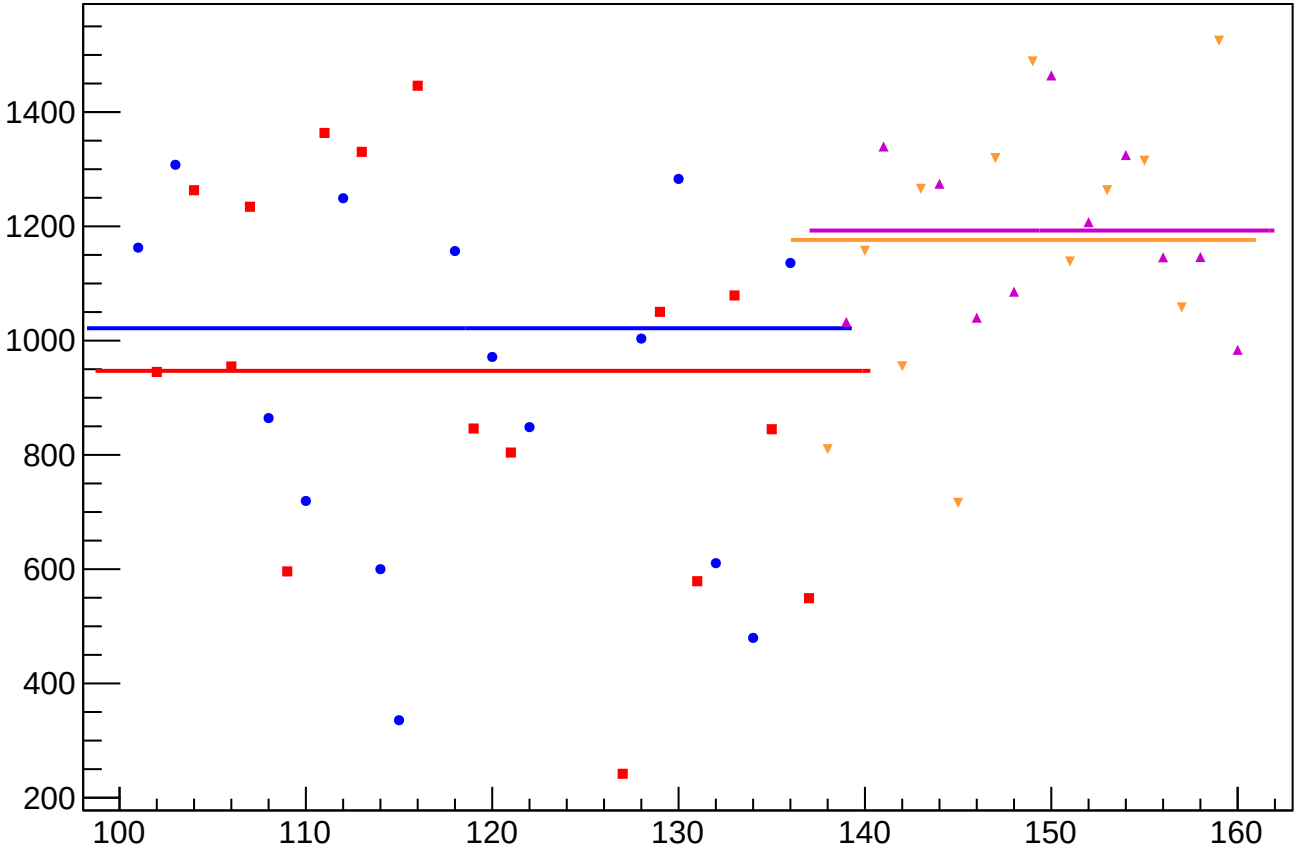
Left In: 703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336678 4.0/10

+ sign 803.042+/-0.000 χ^2/NDF: 340002051465398

All: 787.437+/-0.000 χ^2/NDF: 599394746254

- sign 772.078+/-0.000 χ^2/NDF: 258636009193620

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

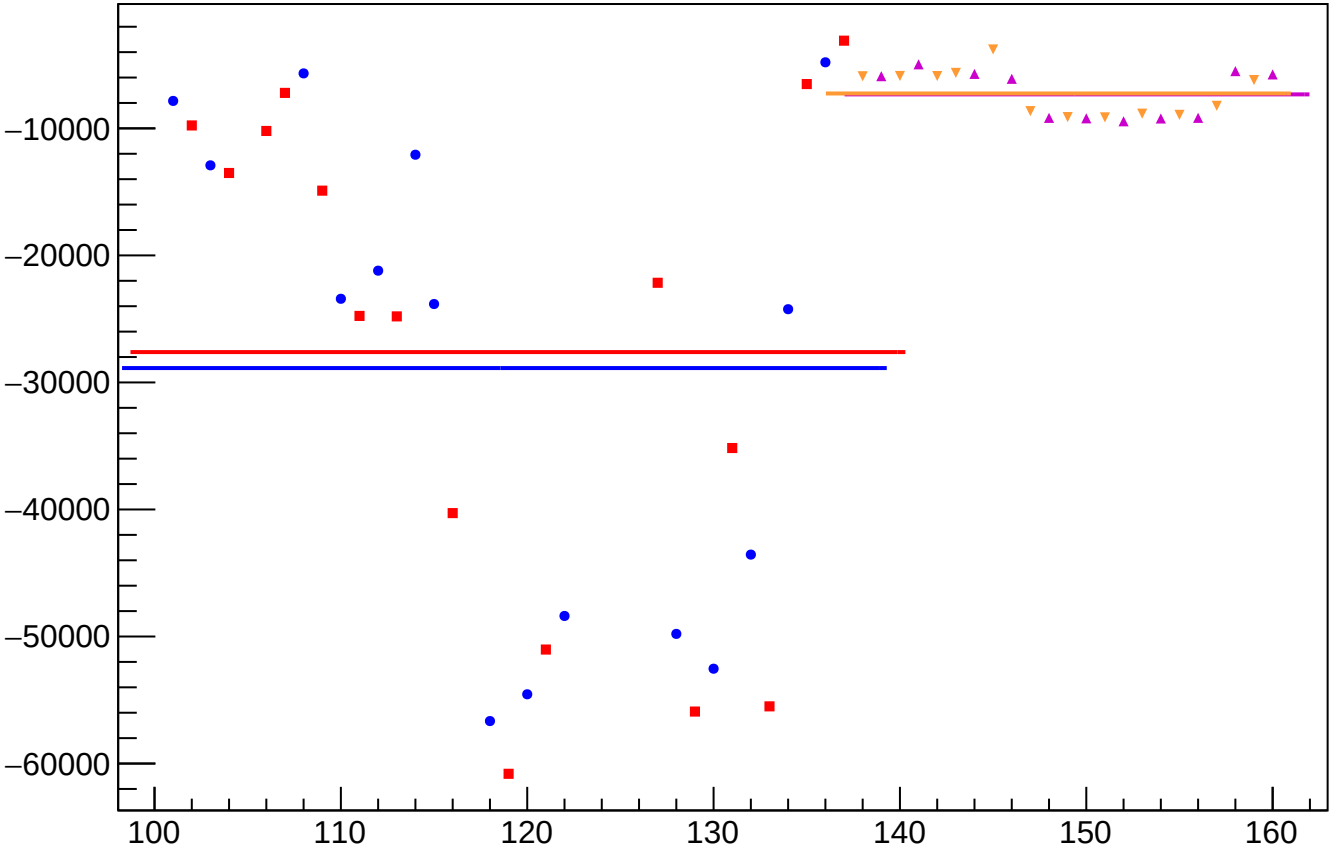
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

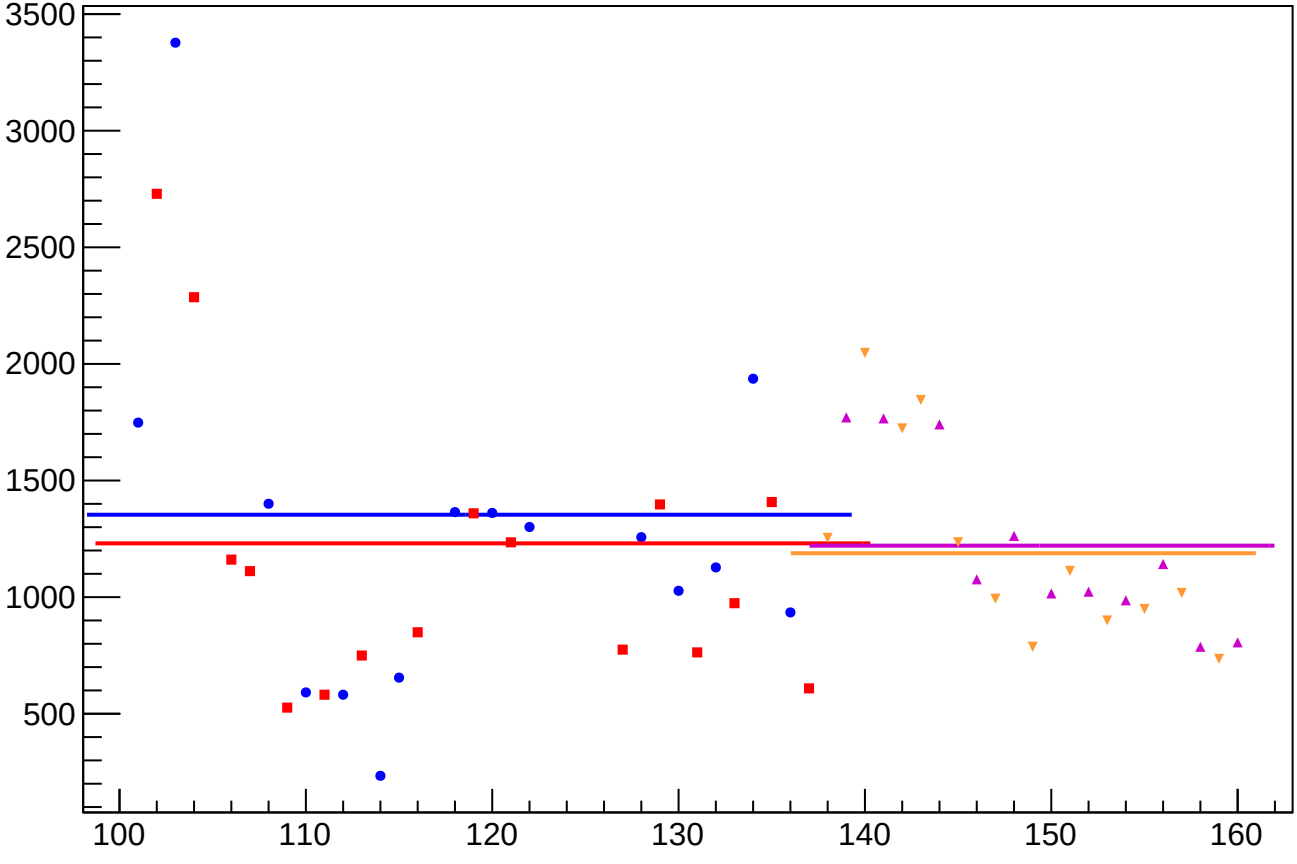
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
+ sign -16211.830+/-0.000 χ^2/NDF: 441850759776
Left Out: -7254.077+/-0.000 χ^2/NDF:285255888049232166346706246602722377728 0.0/11
All: -16019.179+/-0.000 χ^2/NDF: 852517977
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 1256.772+/-0.000 χ^2/NDF: 5136278992662 6

Left Out: 1188.374+/-0.000 χ^2/NDF:1503886366143269167509182202875090042 88.0/11

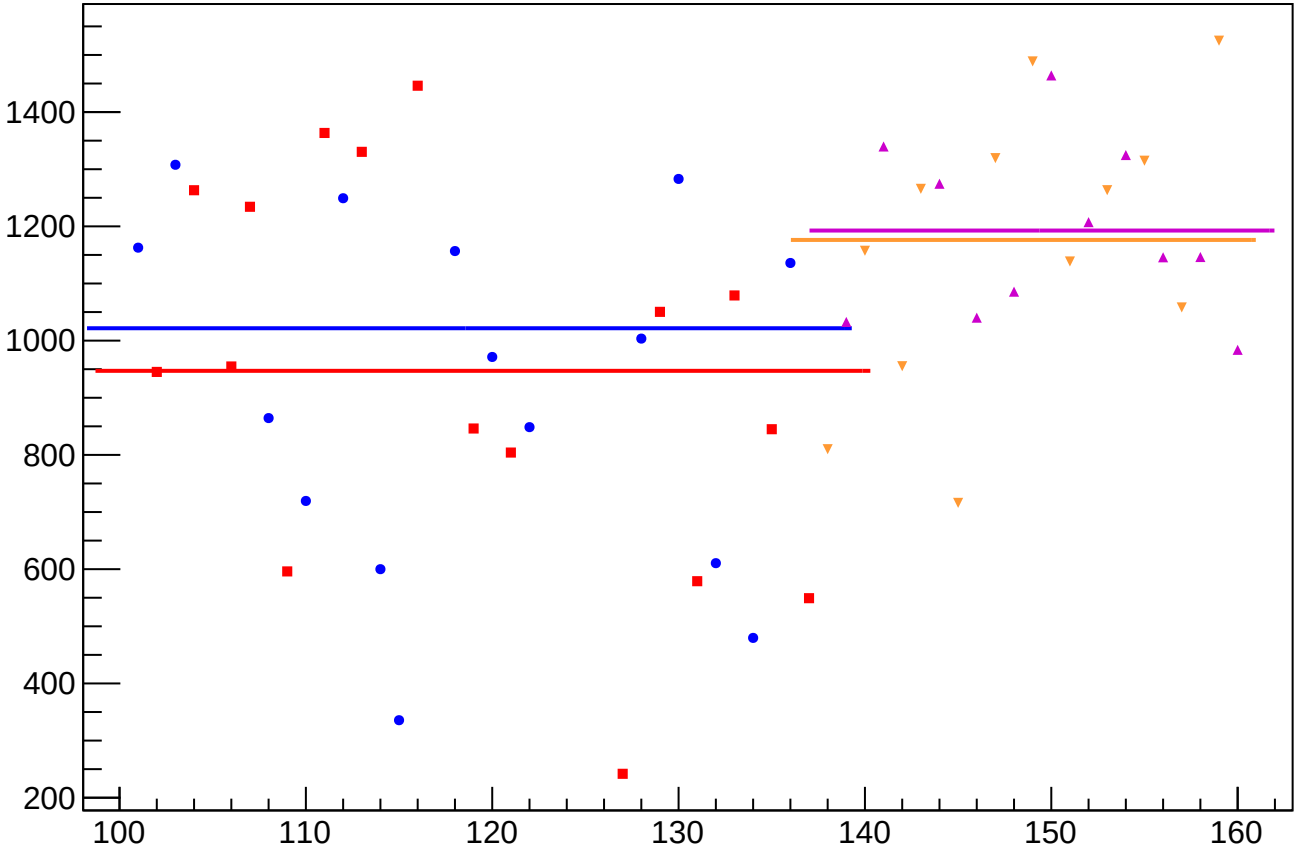
All: 1240.709+/-0.000 χ^2/NDF: 9077537023 3

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: 404931014708702783978362764035924951 04.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

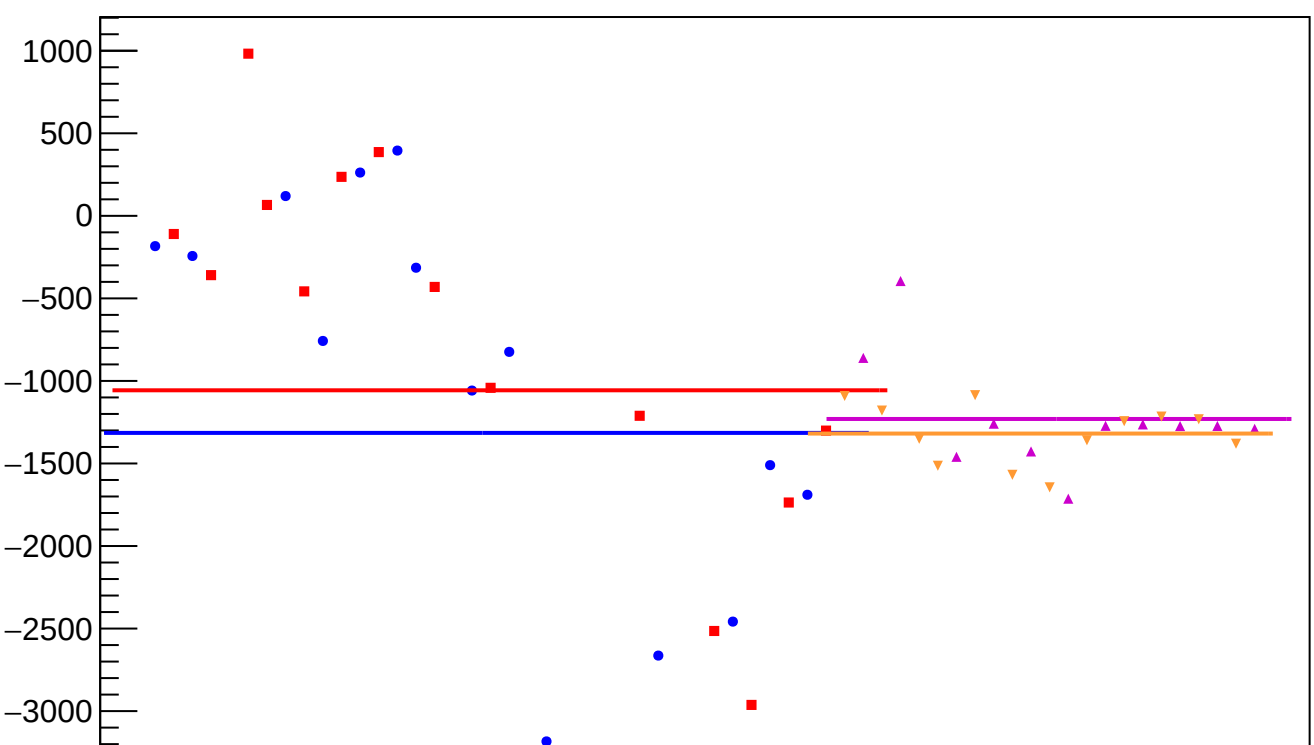
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

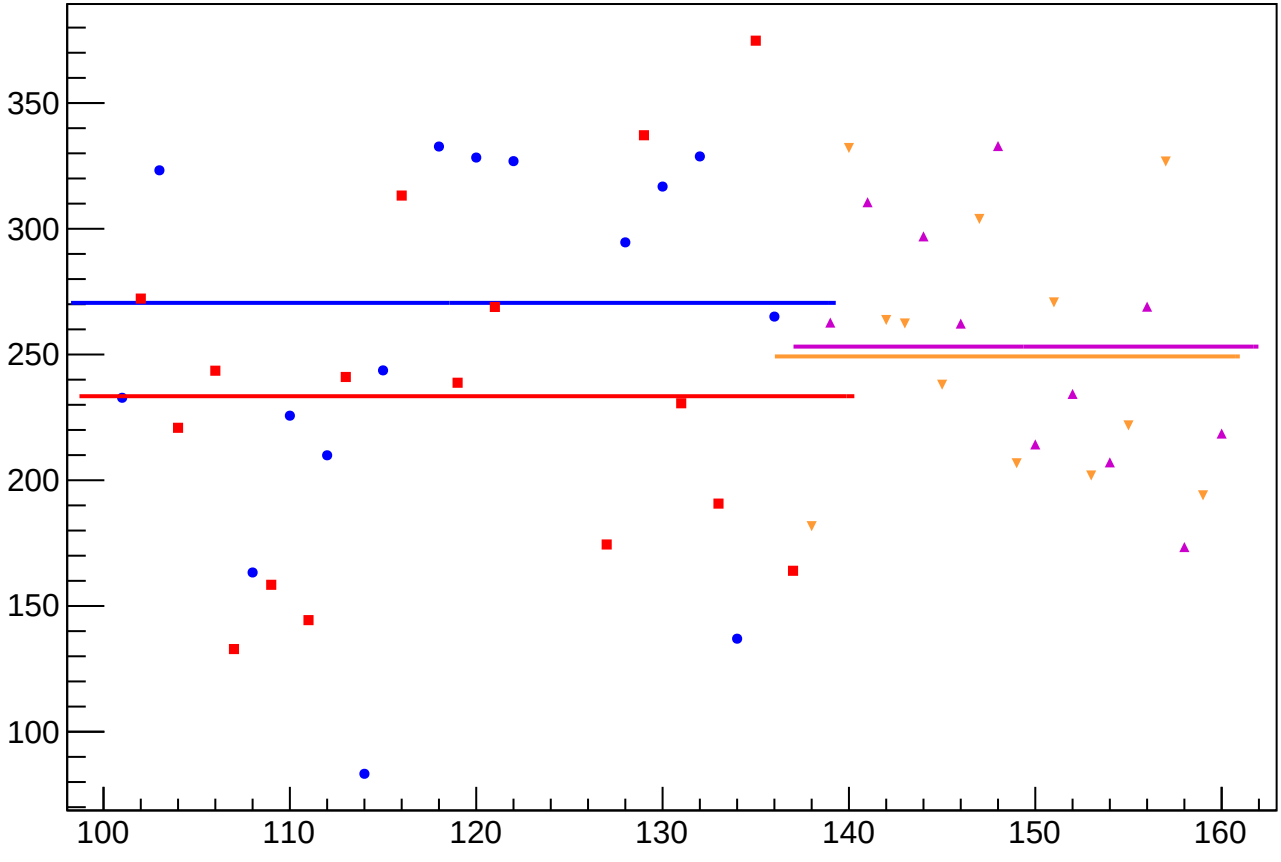
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14
+ sign -1317.143+/-0.000 χ^2/NDF: 9948274030867
Left Out: -1318.814+/-0.000 χ^2/NDF:287388567755543409547451447844410490 88.0/11
All: -1236.752+/-0.000 χ^2/NDF: 2254165779
Right Out: -1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15
- sign -1157.624+/-0.000 χ^2/NDF: 1239256161678 4
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: 249.237+/-0.000 χ^2/NDF:233990647436029249306404435433573120.0/11

Right Out: 233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

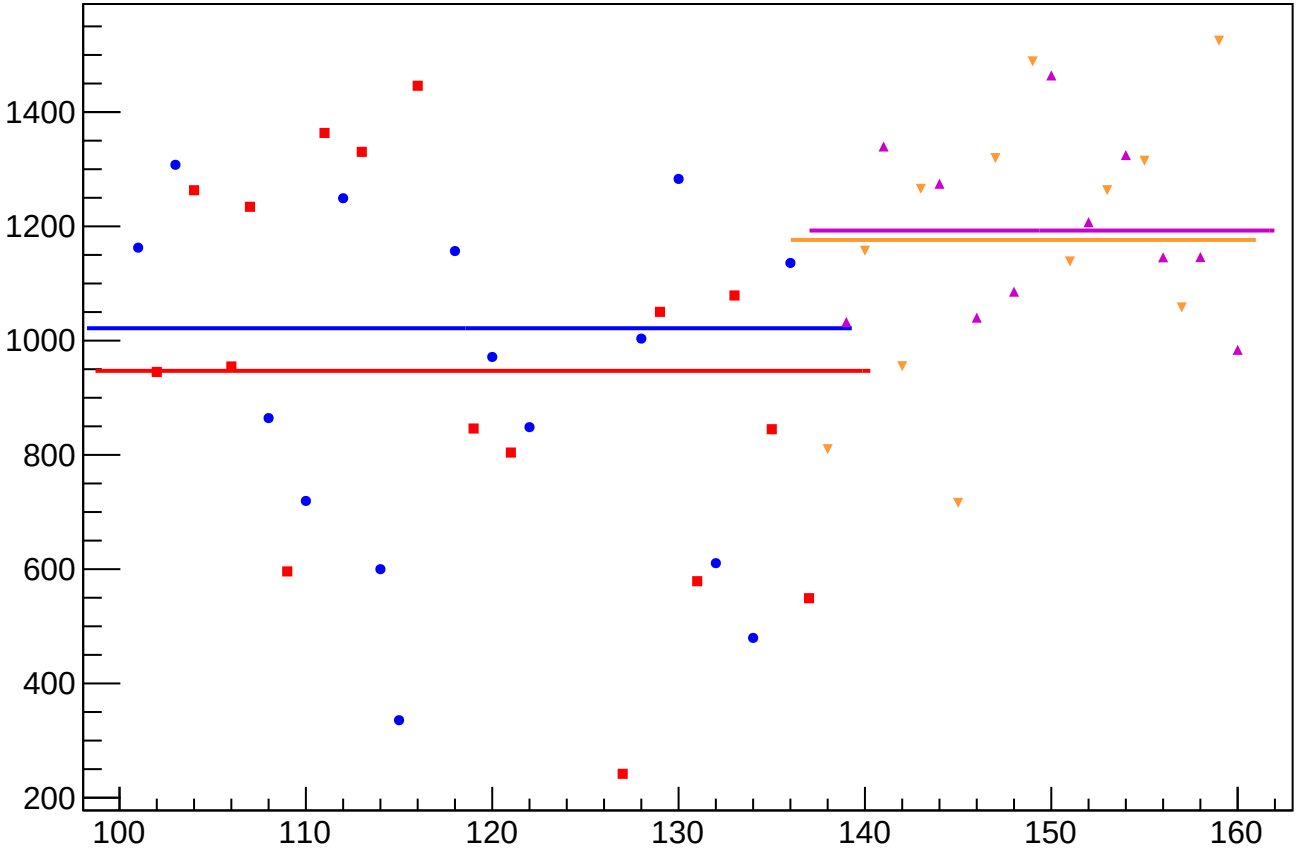
Left In: 253.145+/-0.000 χ^2/NDF:198019684193029804503590790394334412 8.0/10

+ sign 258.065+/-0.000 χ^2/NDF: 4986178369778 36

All: 251.418+/-0.000 χ^2/NDF: 1030288867 38

- 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: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321 7408.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

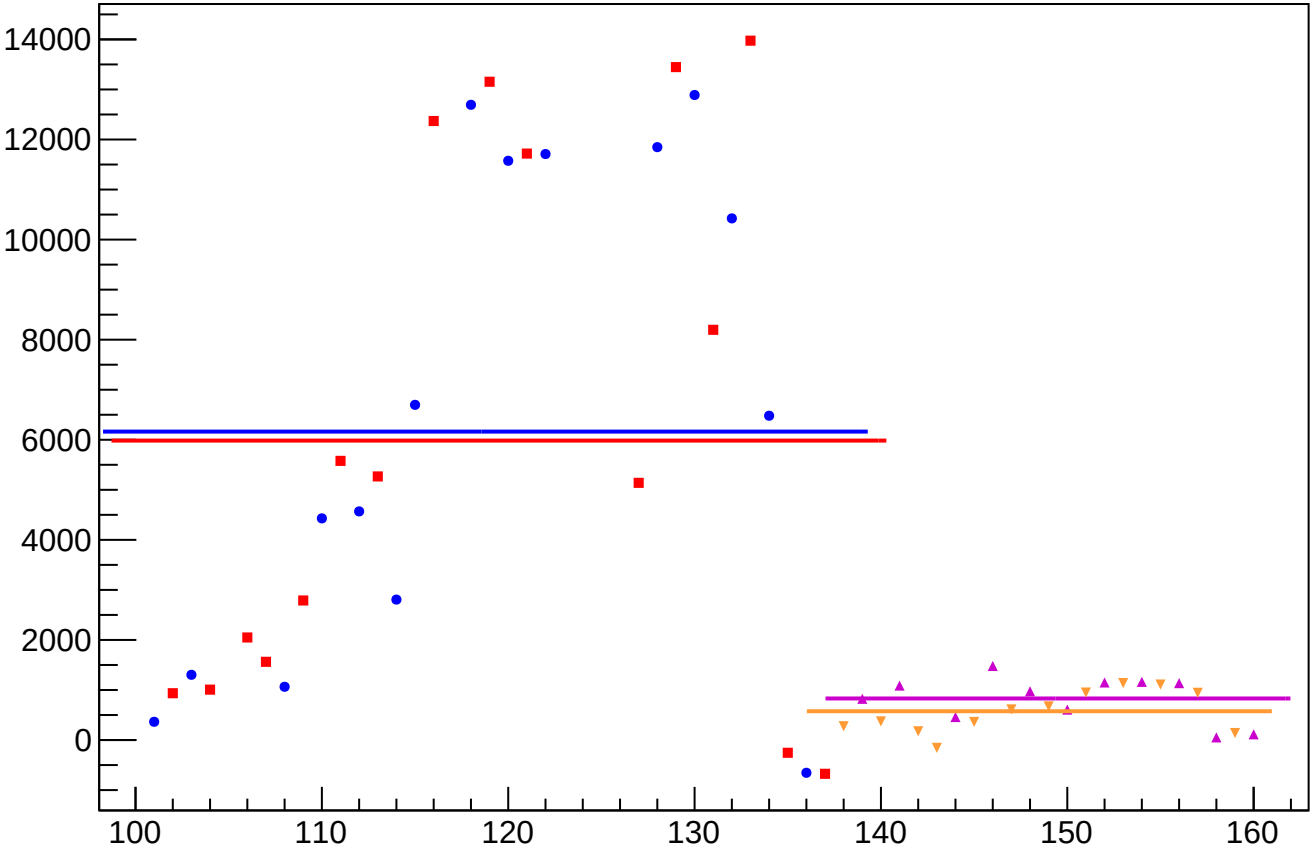
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

- 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

Left Out: 575.396+/-0.000 χ^2/NDF:1445529132280667816251884433555649986 56.0/11

Right Out: 5983.876+/-0.000 χ^2/NDF: 1750520191327627355916108876415584174 0800.0/15

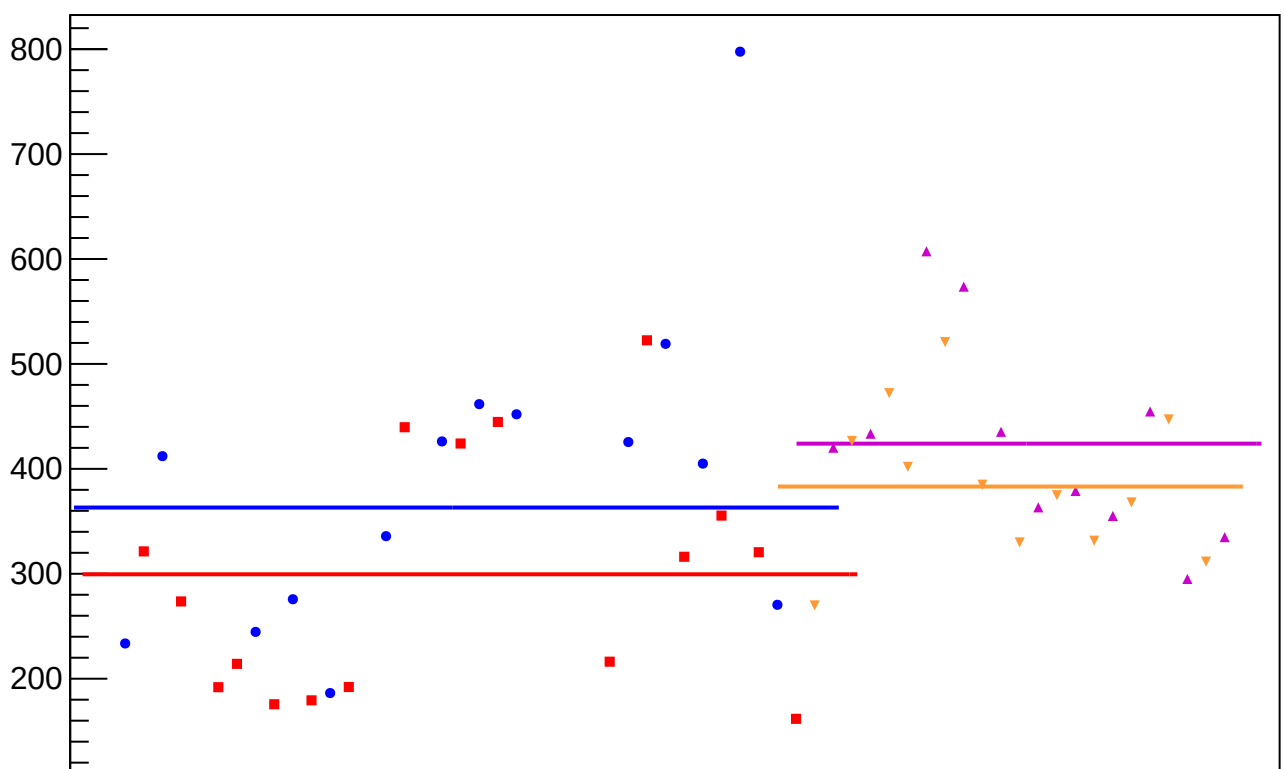
Left In: 830.587+/-0.000 χ^2/NDF:1723370924037262731973560206151280230 40.0/10

+ sign 2891.260+/-0.000 χ^2/NDF: 3021222333802 8

All: 2941.534+/-0.000 χ^2/NDF: 5818480191 0

- sign 2991.017+/-0.000 χ^2/NDF: 2796472492486 4

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF: 115027916970764564264359982779953315 84.0/14

Left Out: 383.139+/-0.000 χ^2/NDF:4300109581526268747828208718091124736.0/11

Right Out: 299.514+/-0.000 χ^2/NDF: 76854973187442252183546528289846722 56.0/15

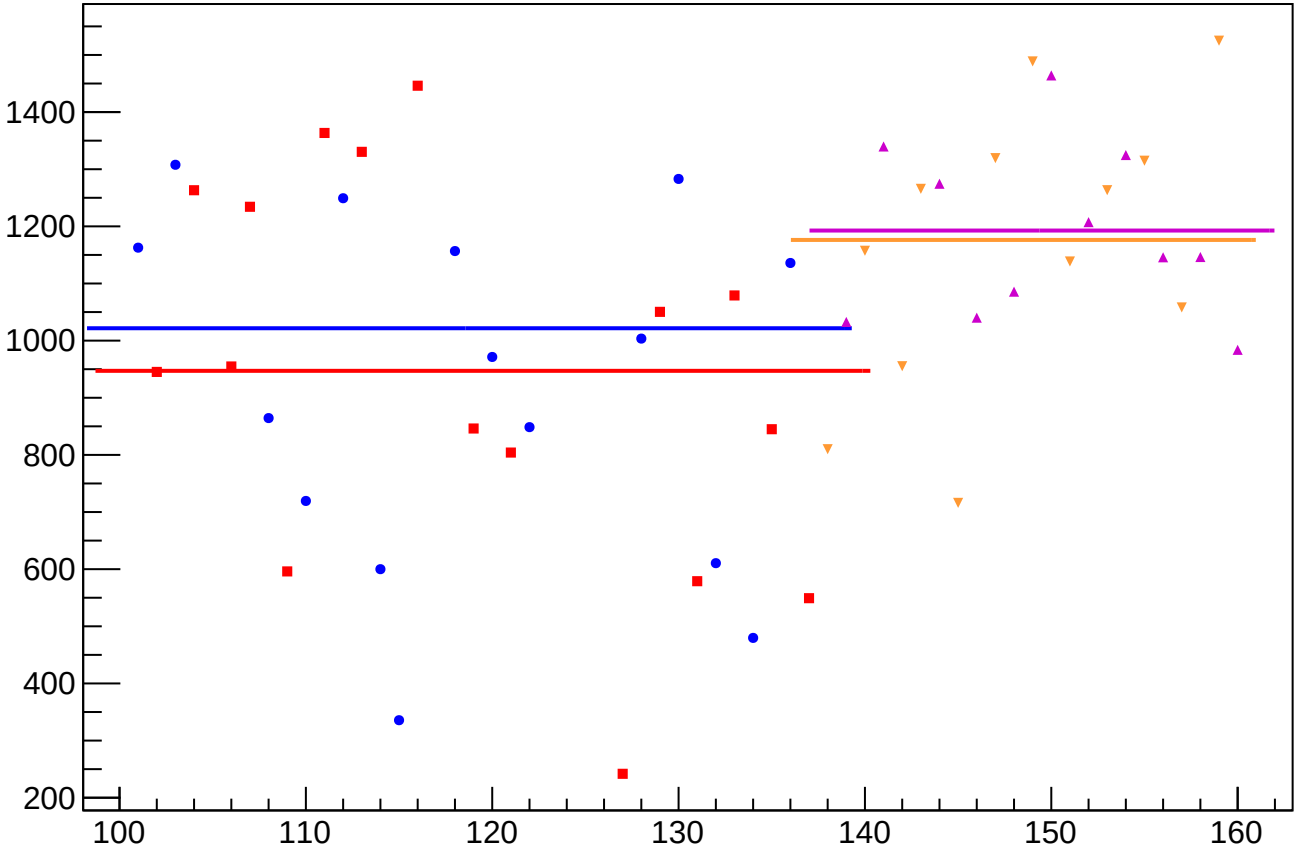
Left In: 424.034+/-0.000 χ^2/NDF:781289423171808610624109486888137523 2.0/10

+ sign 374.848+/-0.000 χ^2/NDF: 15955006654542 5

All: 373.328+/-0.000 χ^2/NDF: 37466800964 8

- 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 1112.188+/-0.000 χ^2/NDF: 10292693819422

Left Out: 1176.242+/-0.000 χ^2/NDF:533555257965920228823850231988832174 08.0/11

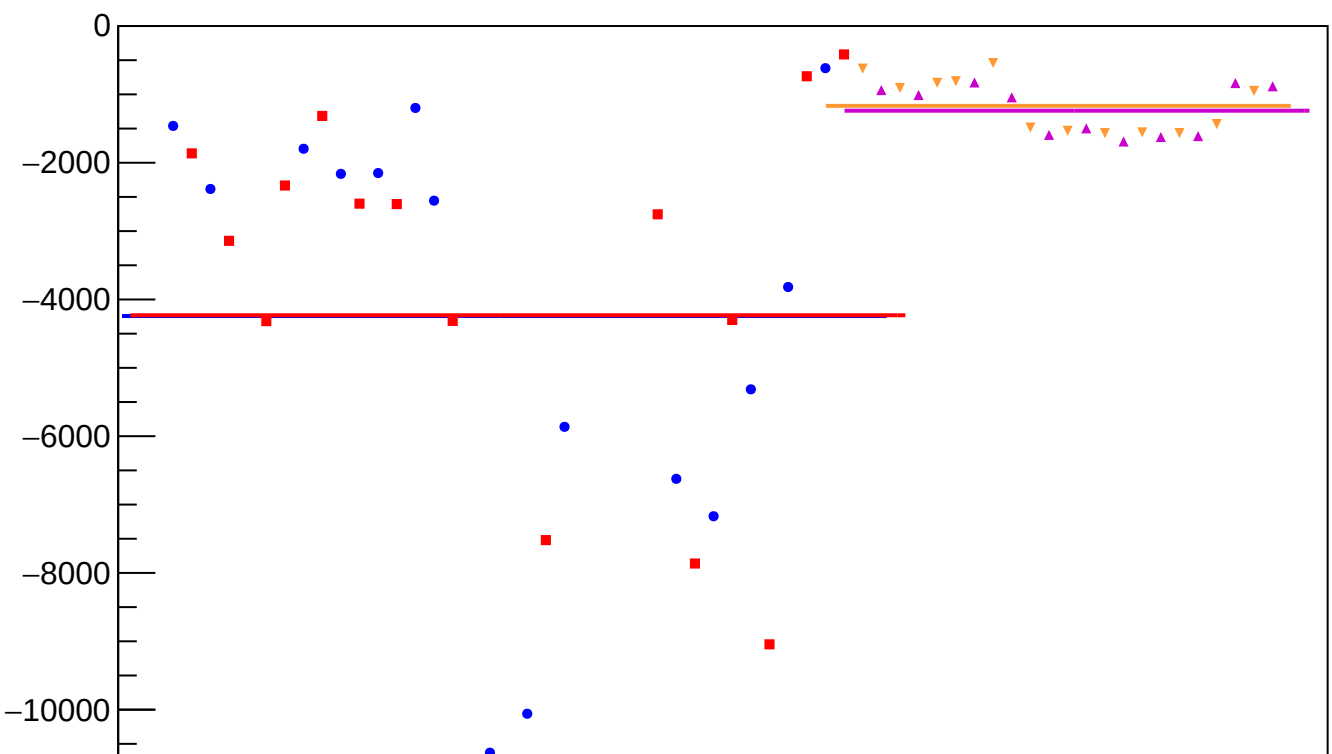
All: 1100.879+/-0.000 χ^2/NDF: 2137192276 7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

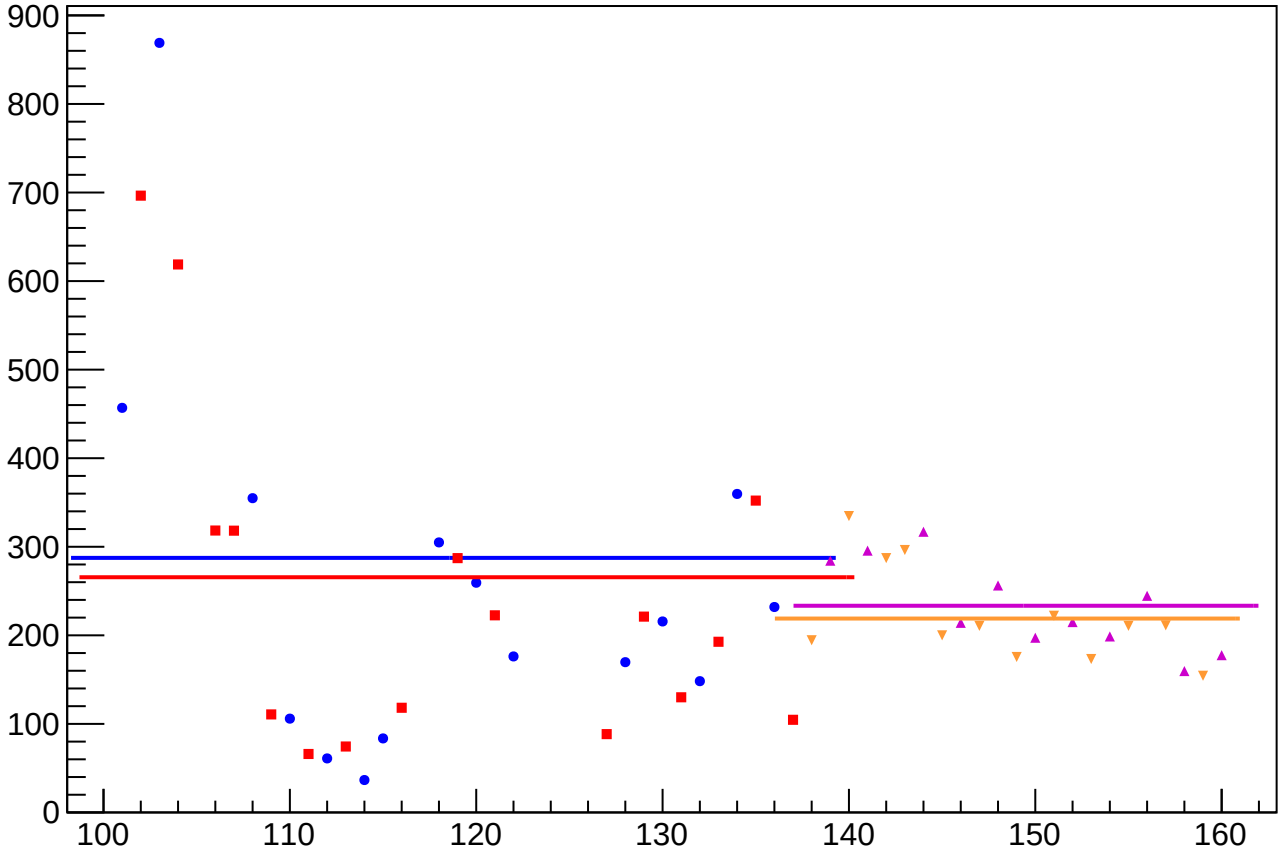
Left In: 1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14
+ sign -2442.006+/-0.000 χ^2/NDF: 1051571012116
Left Out: -1167.950+/-0.000 χ^2/NDF:140593267041981181070281289588583432192.0/11
All: -2467.809+/-0.000 χ^2/NDF: 2077977002
Right Out: -4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15
- sign -2493.207+/-0.000 χ^2/NDF: 10261991032463
Left Out: -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

+ sign 247.344+/-0.000 χ^2/NDF: 337758050005505

Left Out: 218.953+/-0.000 χ^2/NDF:247521399716341995048119947356641689 6.0/11

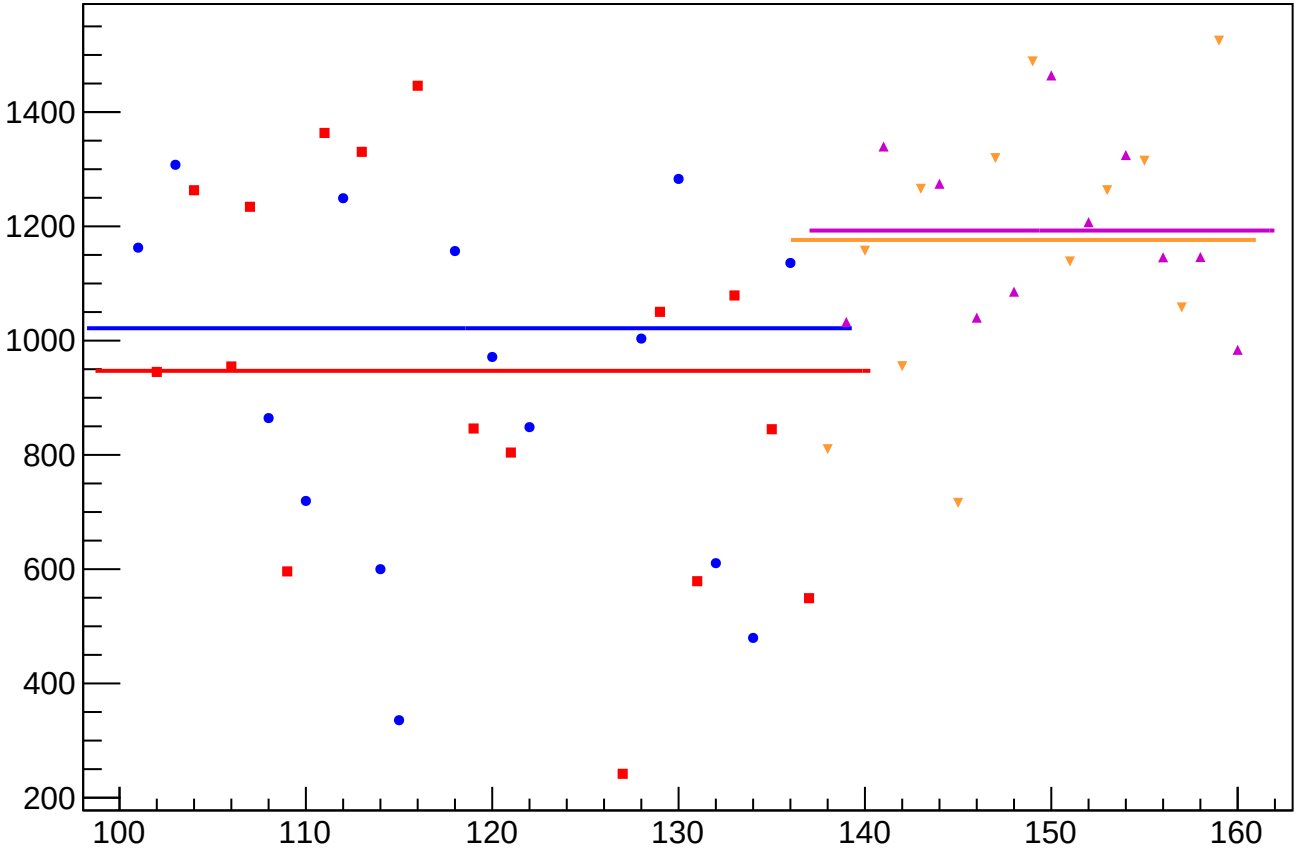
All: 247.118+/-0.000 χ^2/NDF: 62192104732 4

Right Out: 265.593+/-0.000 χ^2/NDF: 258432631063290592749854992590669086 72.0/15

- sign 246.895+/-0.000 χ^2/NDF: 284161399961778

Left In: 233.397+/-0.000 χ^2/NDF:217134173798935923775359976649995 0592.0/10

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

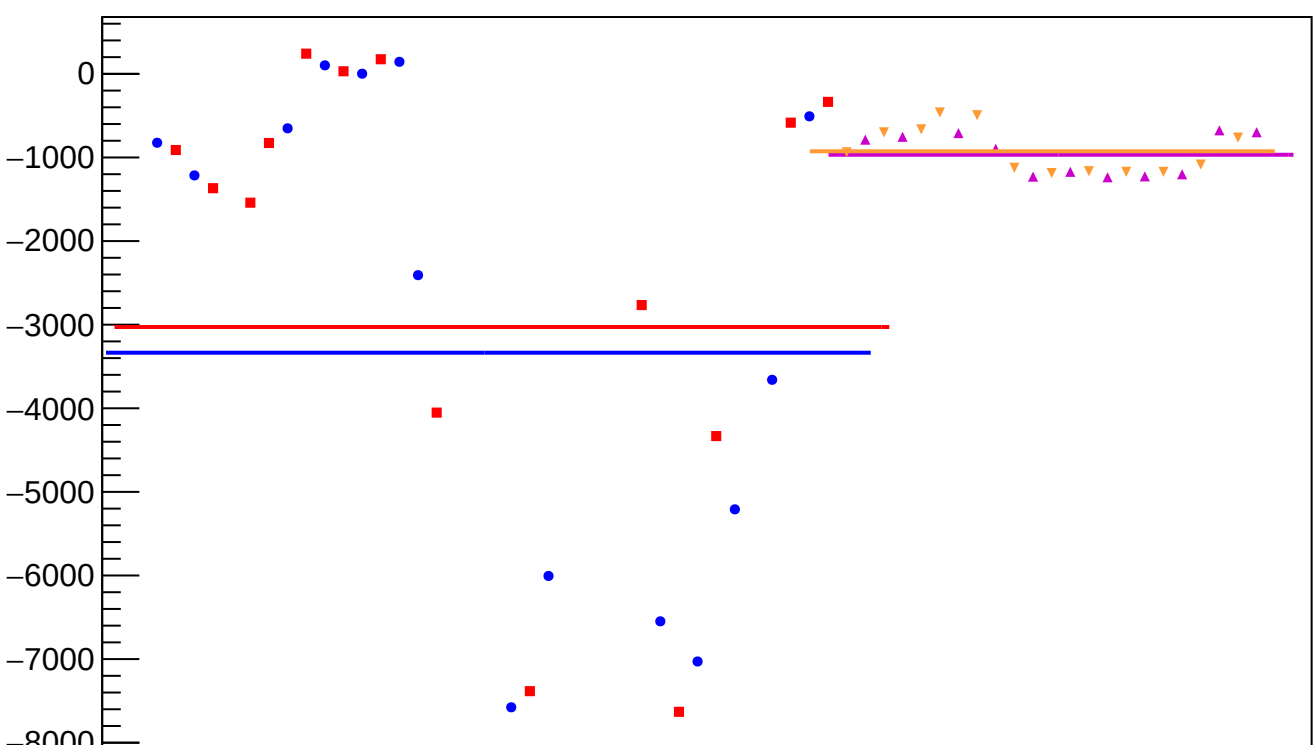
Left In: 1192.687+/-0.000 χ^2/NDF:19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

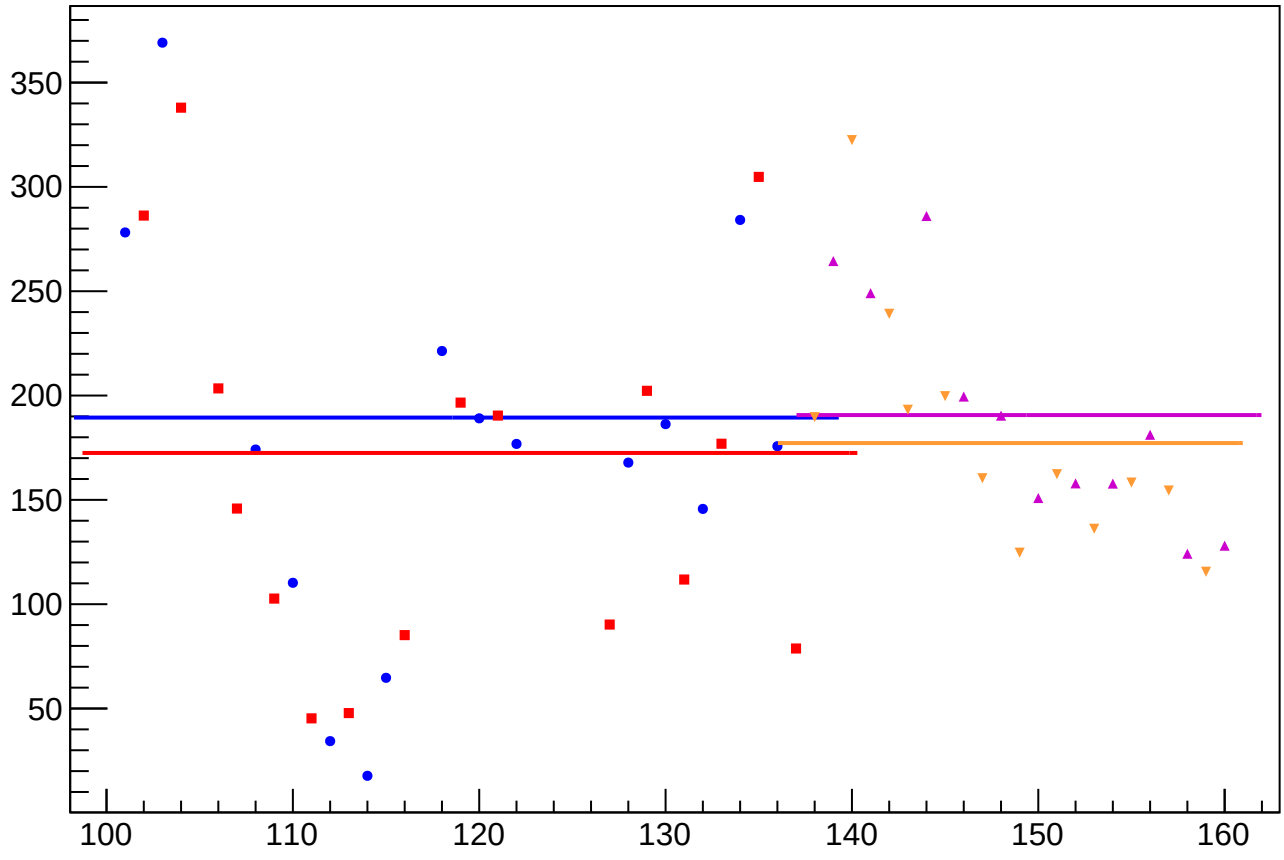
- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_sam8_coil7_mean vs Slug



Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
+ sign -1924.376+/-0.000 χ^2/NDF: 8608420469622
Left Out: -925.824+/-0.000 χ^2/NDF:640677990717716544415447758247590625 28.0/11
All: -1877.420+/-0.000 χ^2/NDF: 1739679600
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 182.290+/-0.000 χ^2/NDF: 752760486130990

Left Out: 177.229+/-0.000 χ^2/NDF:276368998101470036530732012070449971 2.0/11

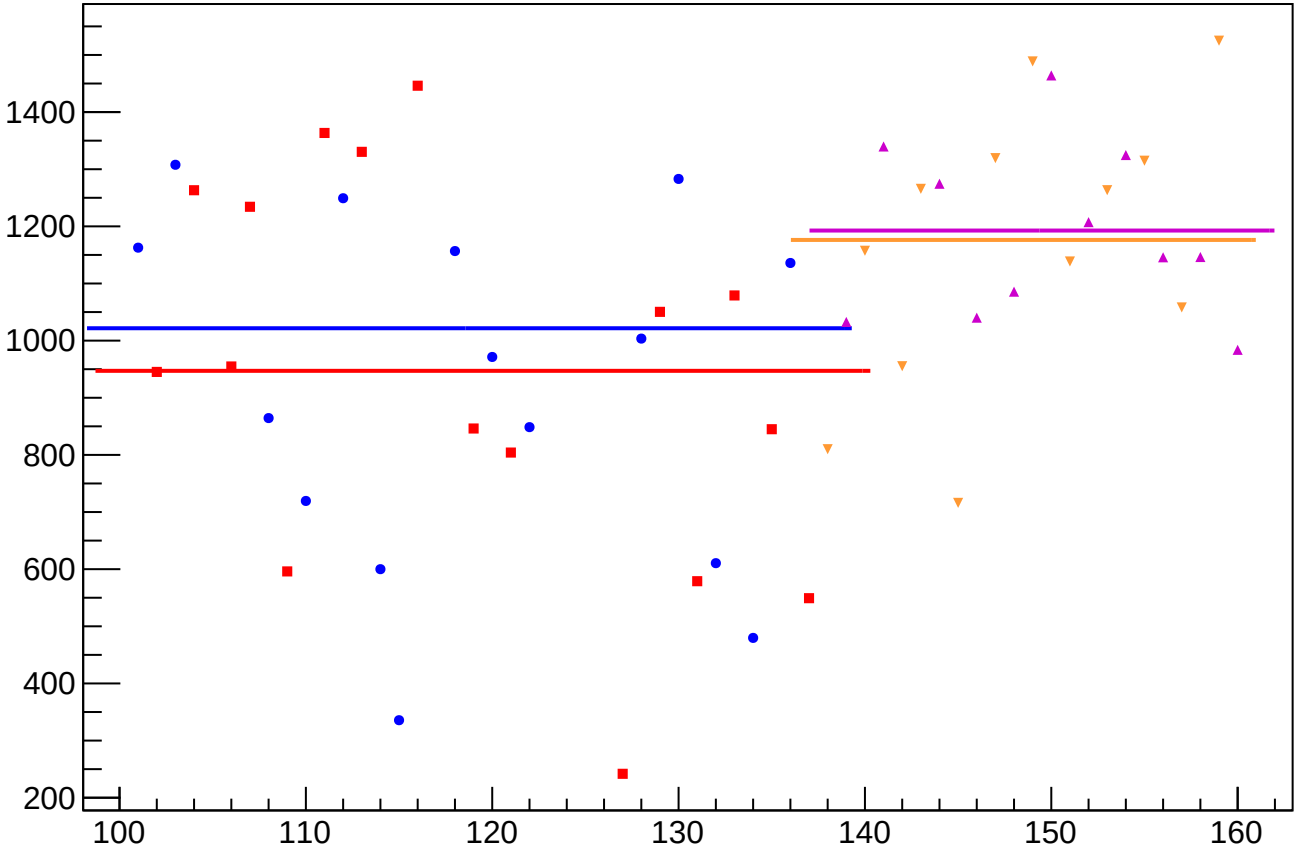
All: 182.663+/-0.000 χ^2/NDF: 15786619382 3

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: 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

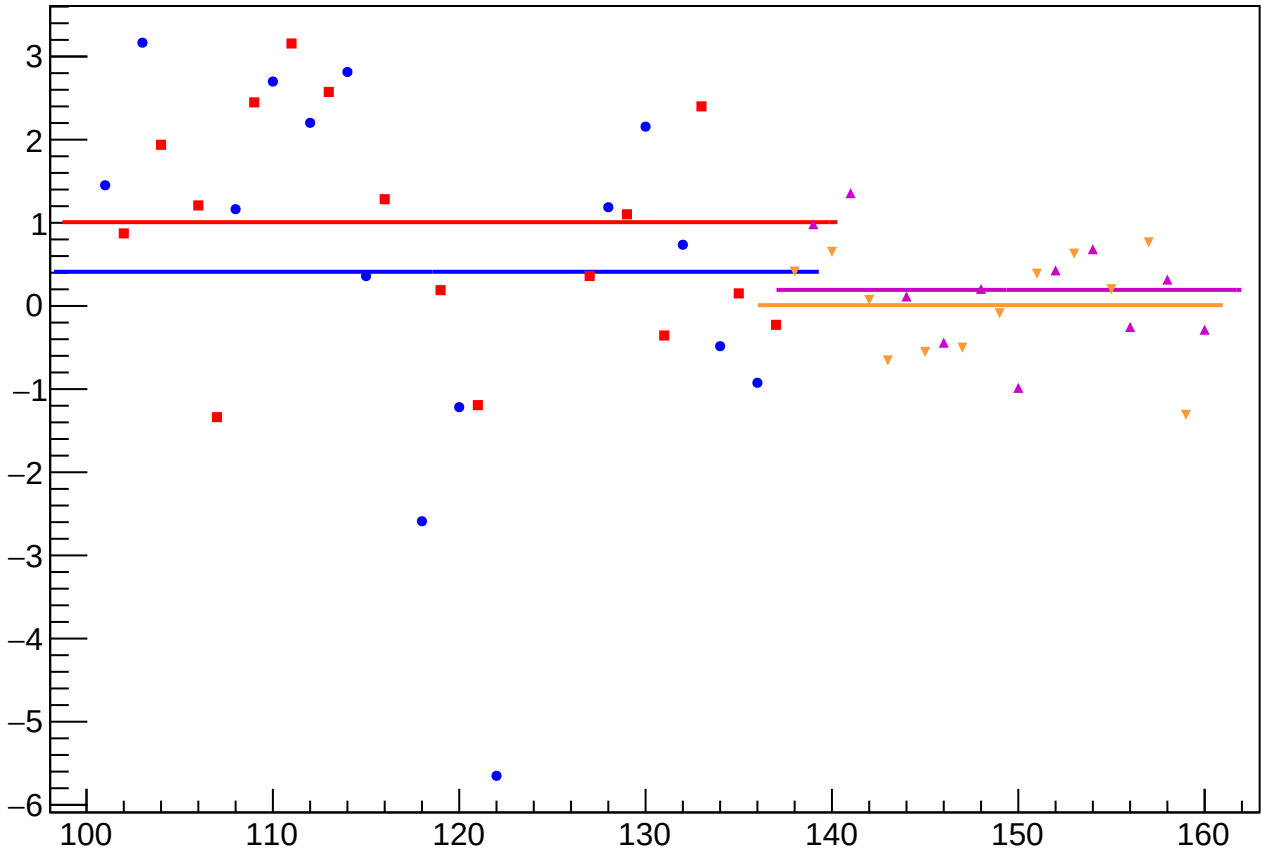
Left In: 1192.687+/-0.000 χ^2/NDF:19255287383728205662654022867381911552.0/10

+ sign 1112.188+/-0.000 χ^2/NDF: 10292693819422

All: 1100.879+/-0.000 χ^2/NDF: 2137192276

- sign 1089.748+/-0.000 χ^2/NDF: 11039486982366

dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000 χ^2/NDF: 3385573506255563170053089820409856.0/14

+ sign 0.176+/-0.000 χ^2/NDF: 38004936513775919

Left Out: 0.010+/-0.000 χ^2/NDF:3536207864063690076637343755796 48.0/11

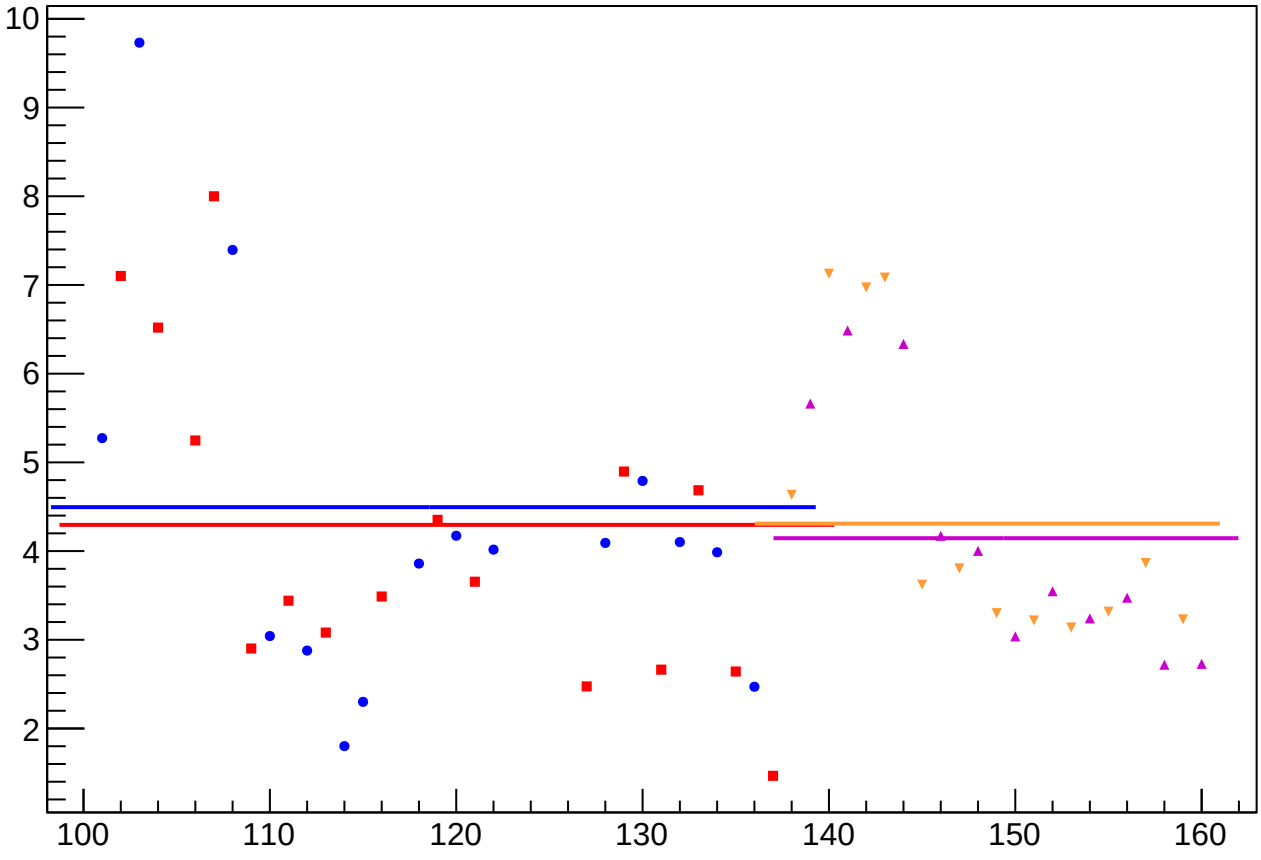
All: 0.357+/-0.000 χ^2/NDF: 5673597238078 2

Right Out: 1.008+/-0.000 χ^2/NDF: 1128402228144096394498047410700288.0/15

- sign 0.535+/-0.000 χ^2/NDF: 17715106696706138

Left In: 0.193+/-0.000 χ^2/NDF:3861335233300338603078802347130 88.0/10

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Left Out: 4.310+/-0.000 χ^2/NDF:204059229831869080240582357208268 8.0/11

Right Out: 4.296+/-0.000 χ^2/NDF: 201192570706205189038100747544166 4.0/15

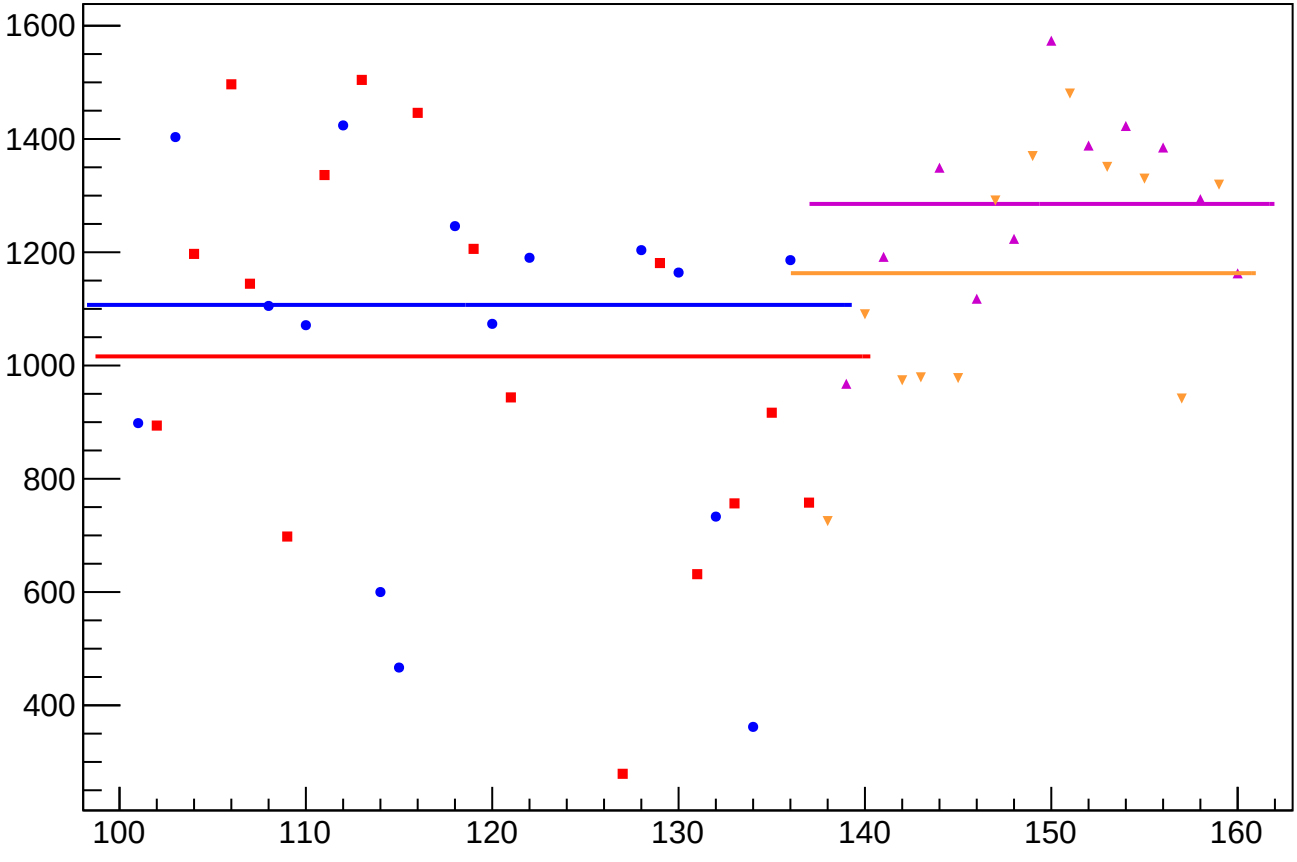
Left In: 4.145+/-0.000 χ^2/NDF:164594260430334960857184982794240 0.0/10

+ sign 4.387+/-0.000 χ^2/NDF: 4795912389021210 2

All: 4.297+/-0.000 χ^2/NDF: 8487604107772 8

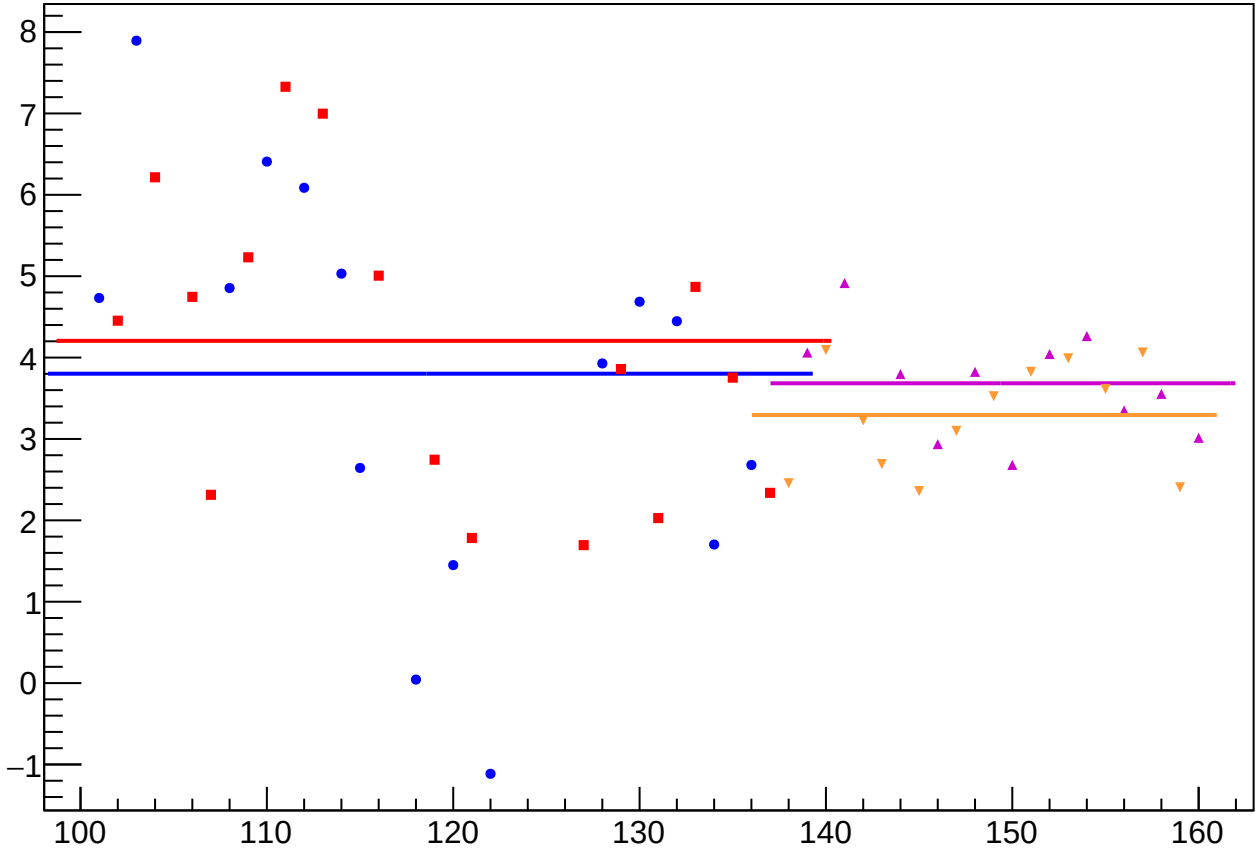
- sign 4.208+/-0.000 χ^2/NDF: 3666617691158278 5

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8
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_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

+ sign 3.505+/-0.000 χ^2/NDF: 4284126303732841 3

Left Out: 3.295+/-0.000 χ^2/NDF:39084723958967351758325038658355 2.0/11

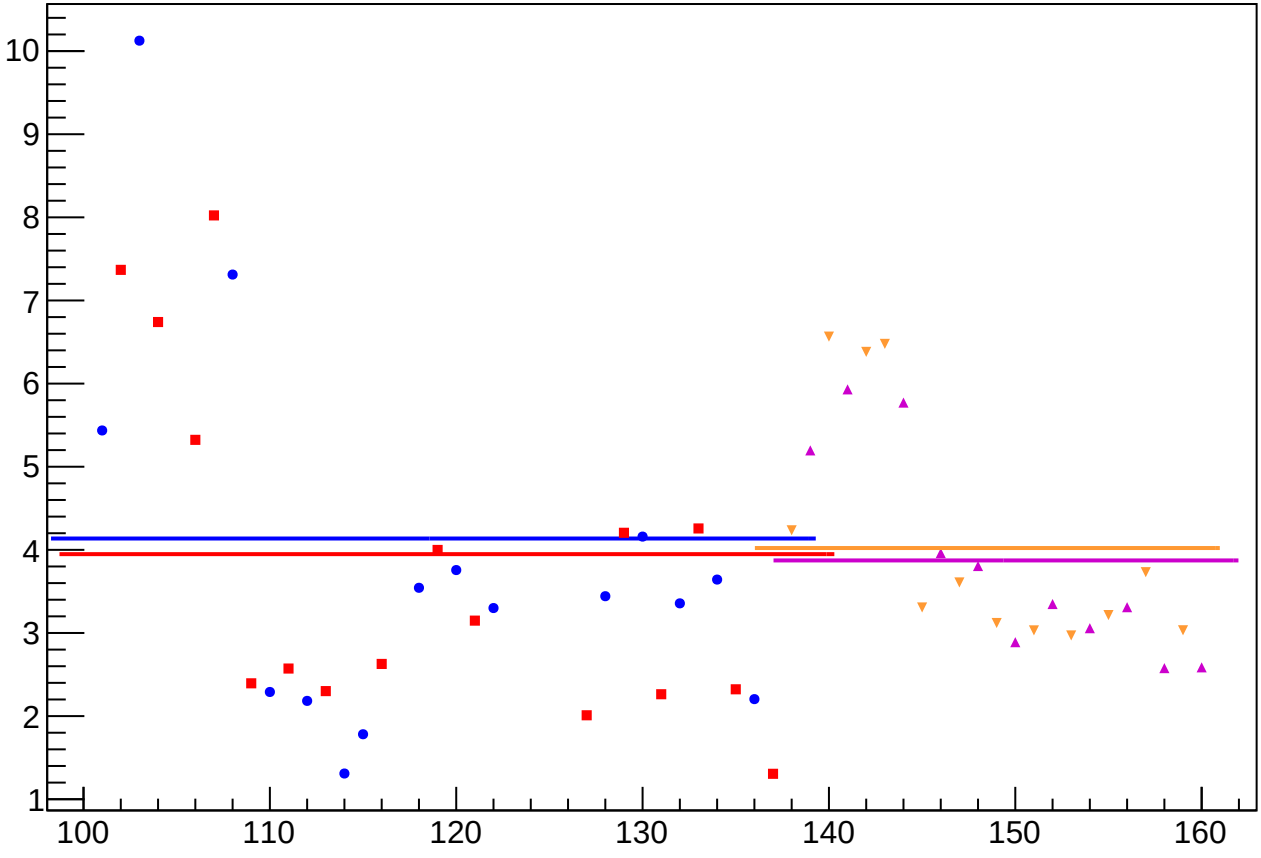
All: 3.705+/-0.000 χ^2/NDF: 6976869183465 4

Right Out: 4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

- sign 3.903+/-0.000 χ^2/NDF: 2567783944753097 2

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: 4.022+/-0.000 χ^2/NDF:1623918055405441678672358958694400.0/11

Right Out: 3.948+/-0.000 χ^2/NDF: 2670176783942302028345551100051456.0/15

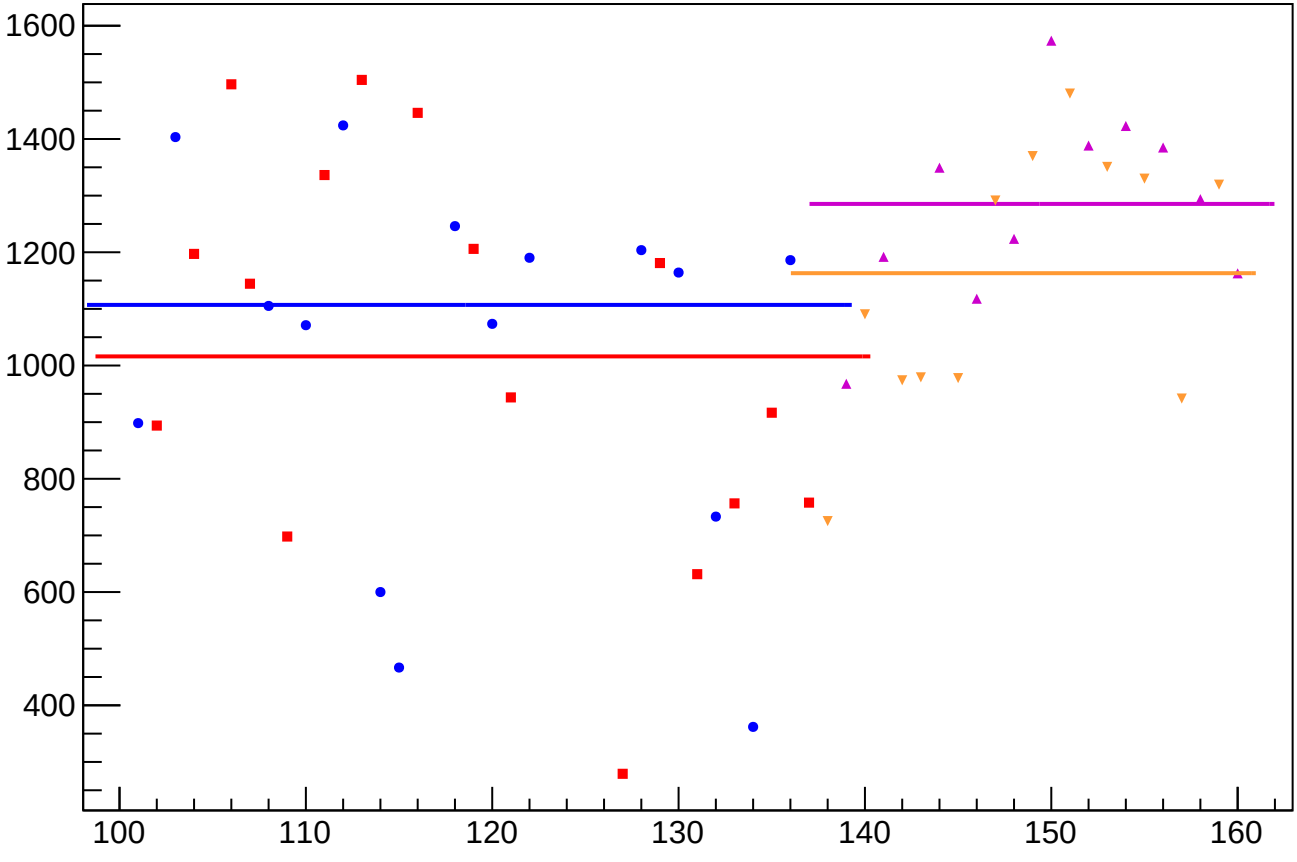
Left In: 3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

+ sign 4.069+/-0.000 χ^2/NDF: 5136497641264052

All: 3.986+/-0.000 χ^2/NDF: 9108952955918

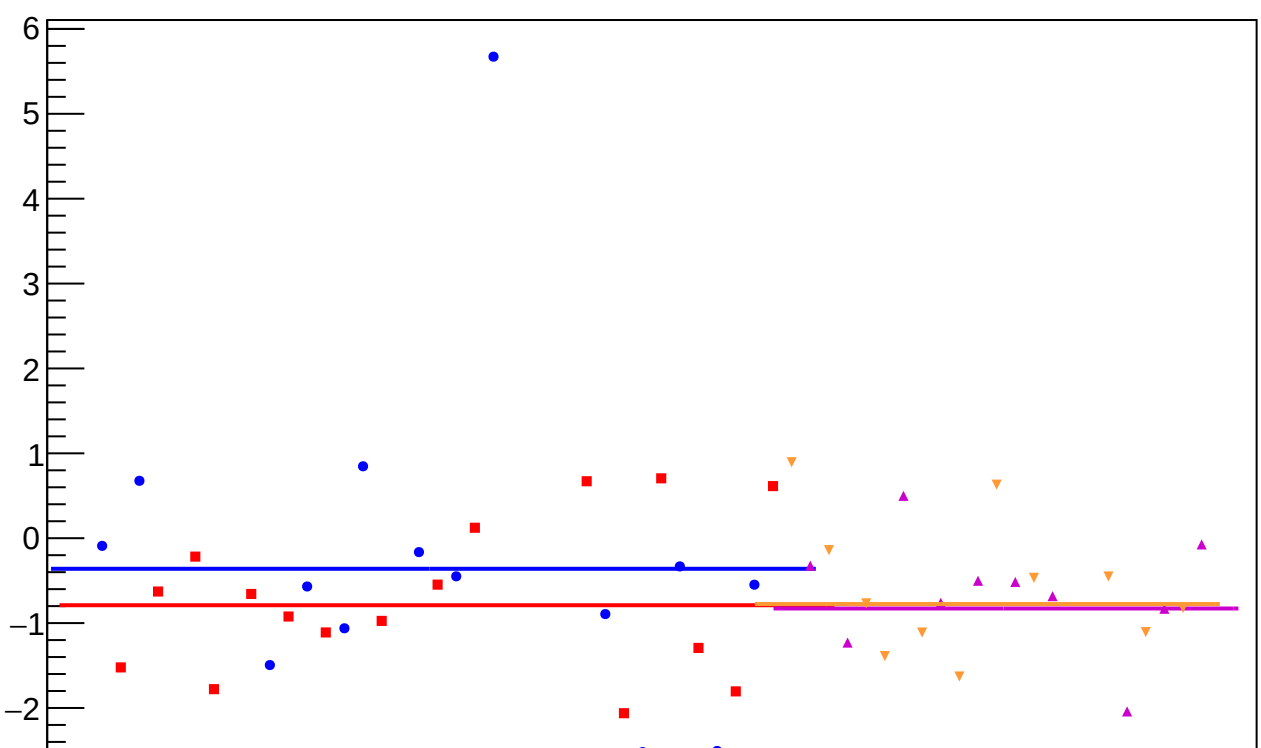
- sign 3.904+/-0.000 χ^2/NDF: 3950992574828696

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8
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_11X12X_coil4_mean vs Slug



Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2,0/14

+ sign -0.603+/-0.000 χ^2/NDF: 3185594709666533

Left Out: -0.776+/-0.000 χ^2/NDF:939757082215191020614021048958976.0/11

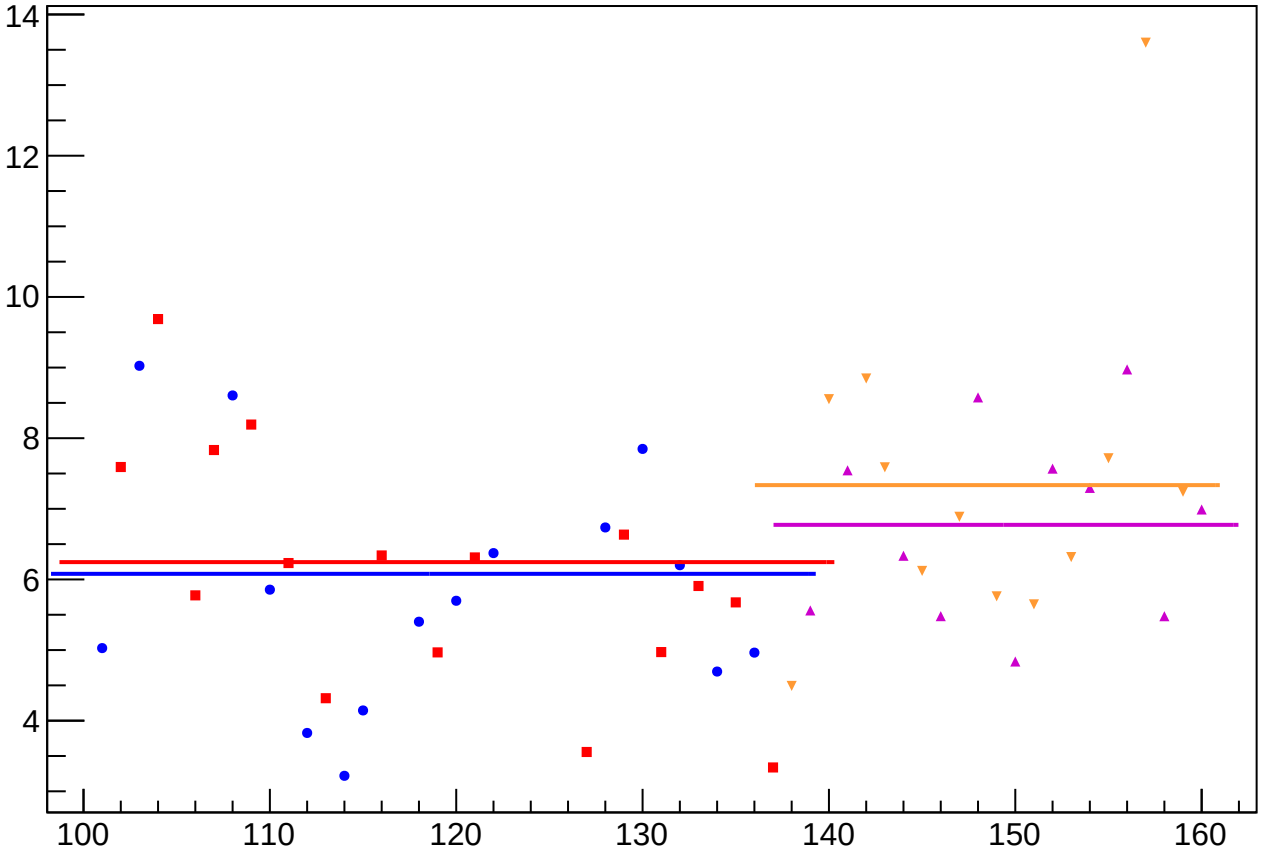
All: -0.709+/-0.000 χ^2/NDF: 433371355792 9

Right Out: -0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

- sign -0.812+/-0.000 χ^2/NDF: 1113826026082910 0

Left In: -0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14

Left Out: 7.336+/-0.000 χ^2/NDF:46256288332011399912673539910533 12.0/11

Right Out: 6.245+/-0.000 χ^2/NDF: 18165291631050069385109769855959 04.0/15

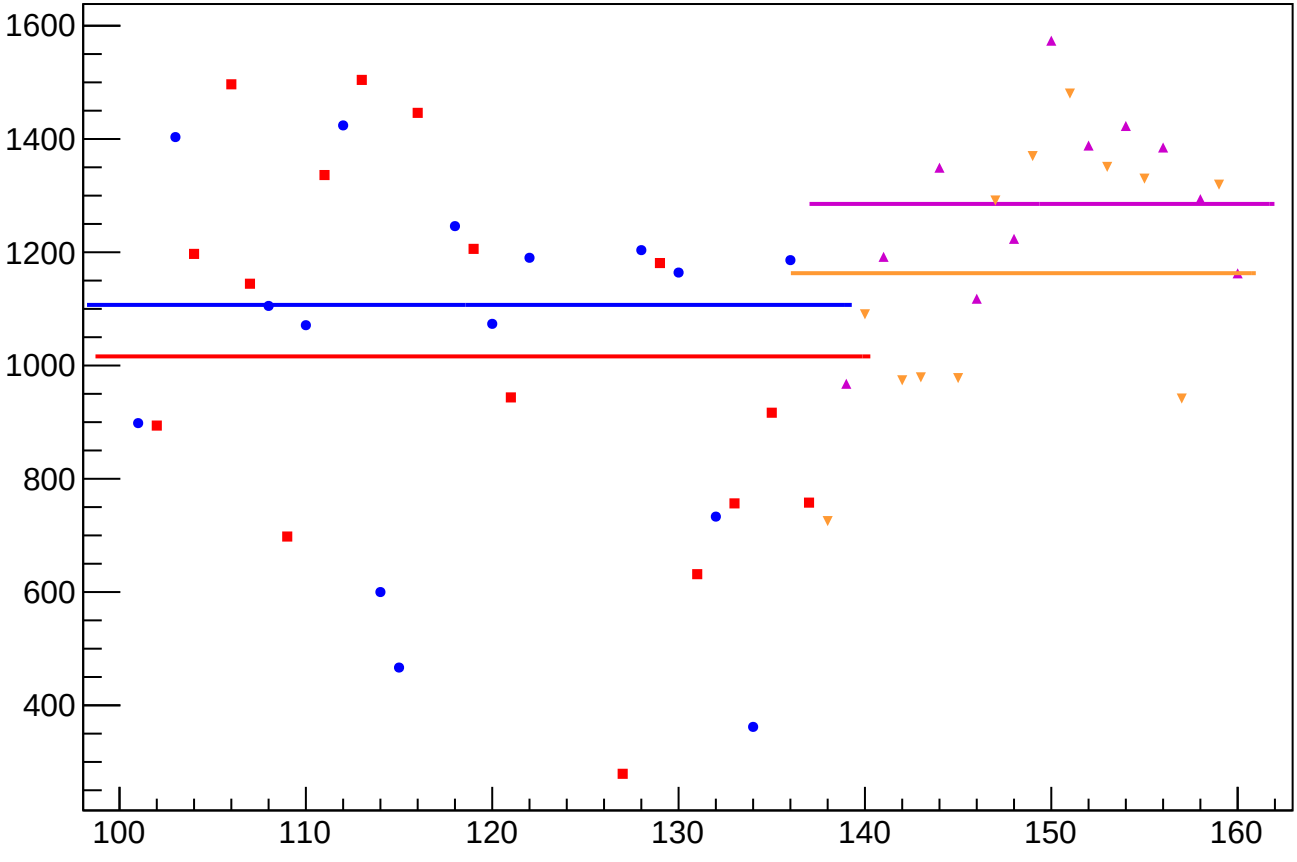
Left In: 6.773+/-0.000 χ^2/NDF:15458806530628726350602058323722 24.0/10

+ sign 6.815+/-0.000 χ^2/NDF: 6815525908485664 5

All: 6.682+/-0.000 χ^2/NDF: 1034042782090 1

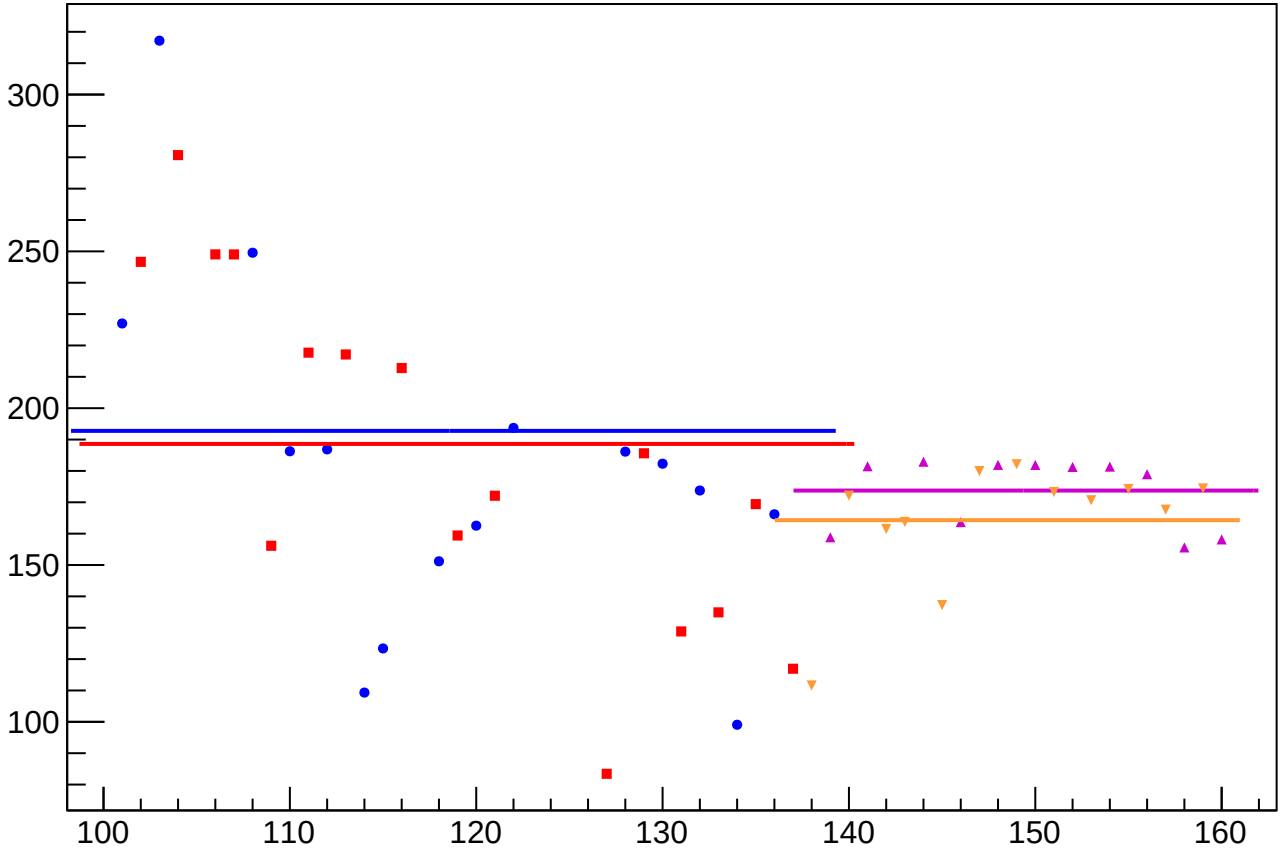
- sign 6.552+/-0.000 χ^2/NDF: 3470254792118778 7

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8
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_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

Left Out: 164.293+/-0.000 χ^2/NDF:3538301209639400606057942125505413 12.0/11

Right Out: 188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

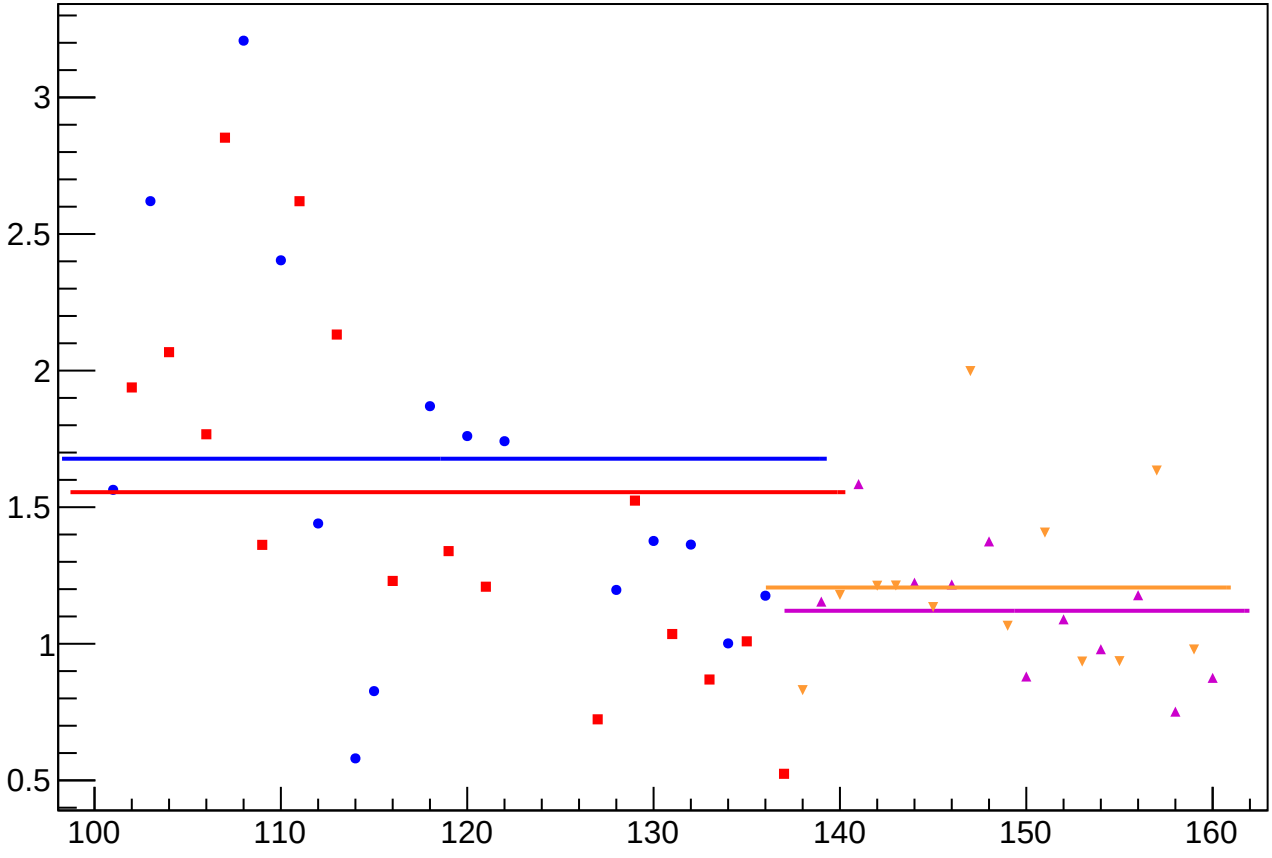
Left In: 173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10

+ sign 176.095+/-0.000 χ^2/NDF: 230260901406877

All: 178.050+/-0.000 χ^2/NDF: 443008441109

- sign 179.974+/-0.000 χ^2/NDF: 211560304537061

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

+ sign 1.401+/-0.000 χ^2/NDF: 4222107427756009 7

Left Out: 1.206+/-0.000 χ^2/NDF:958696241285596662676270664908 80.0/11

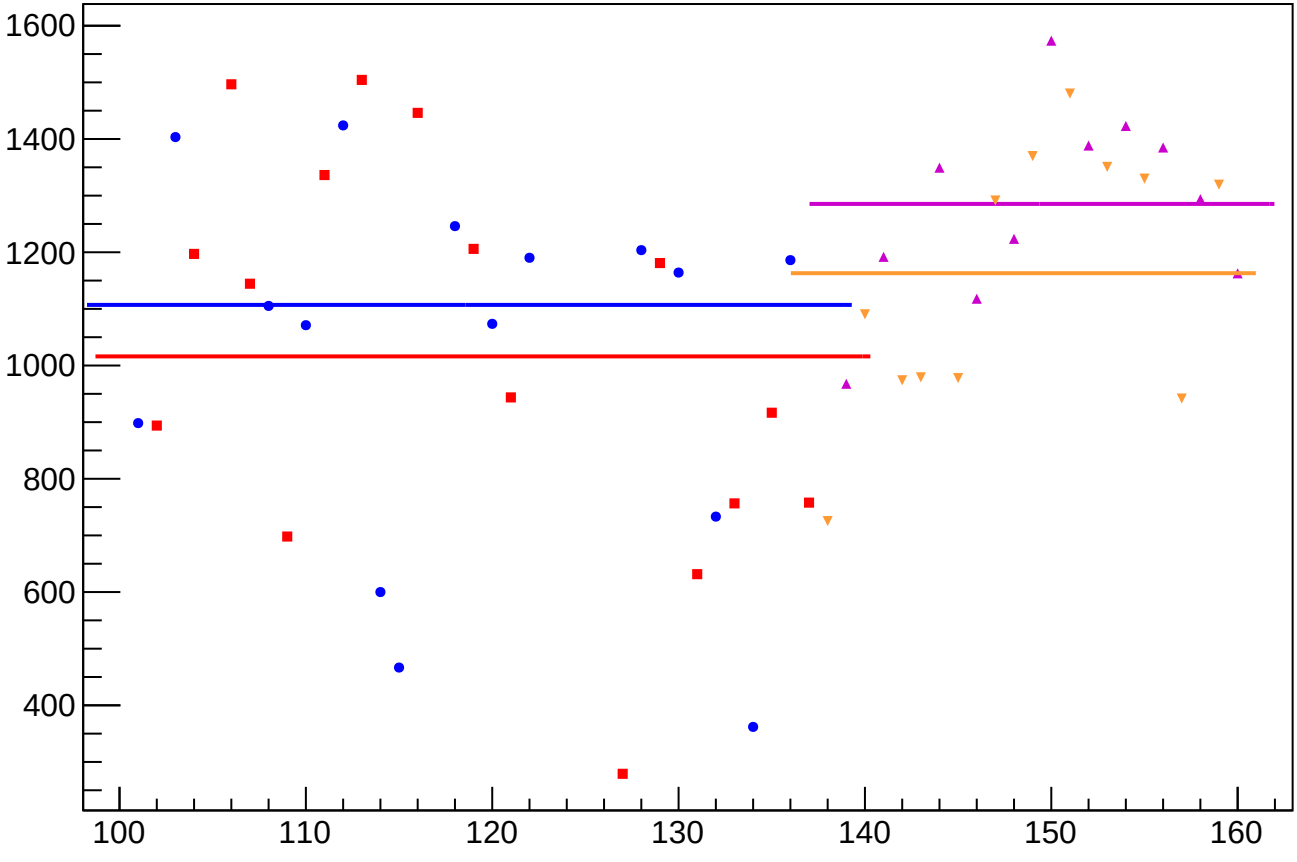
All: 1.352+/-0.000 χ^2/NDF: 8069228589557 0

Right Out: 1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

- sign 1.303+/-0.000 χ^2/NDF: 3770443813103152 4

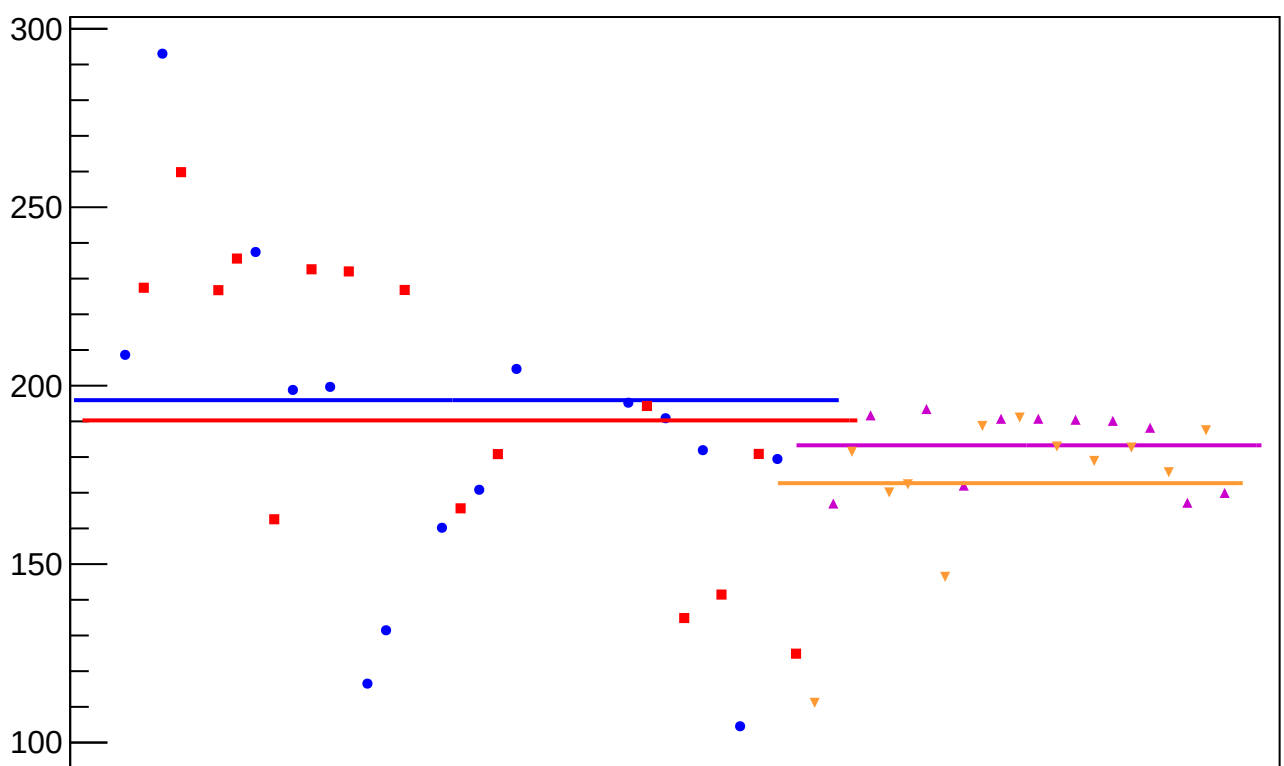
Left In: 1.121+/-0.000 χ^2/NDF:4837489656334895737228535162 4704.0/10

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8
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_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Left Out: 172.678+/-0.000 χ^2/NDF:4441291543187844917047905283473408 00.0/11

Right Out: 190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

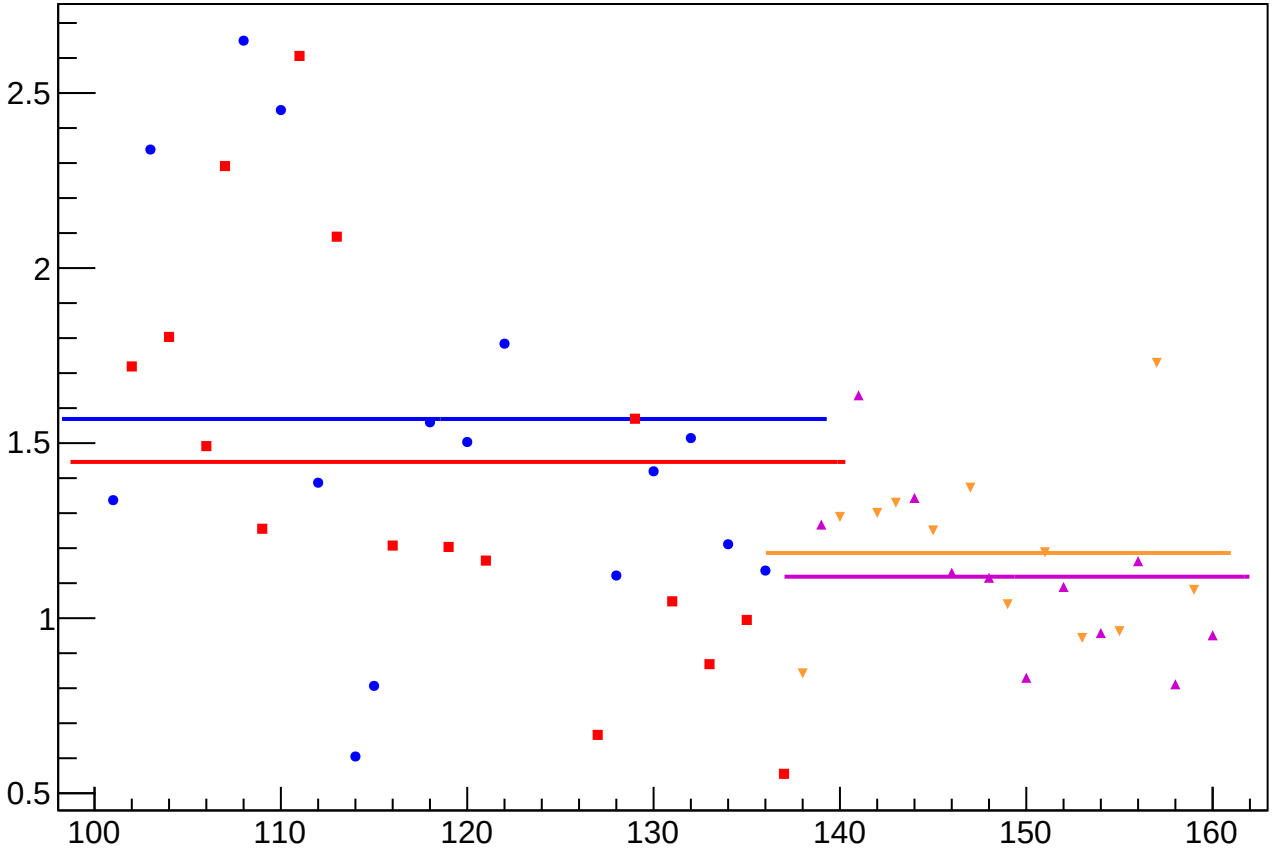
Left In: 183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

+ sign 182.319+/-0.000 χ^2/NDF: 17076718533673 8

All: 184.283+/-0.000 χ^2/NDF: 3308726617 52

- 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: 1.186+/-0.000 χ^2/NDF:501106490067331282697014424371 20.0/11

Right Out: 1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

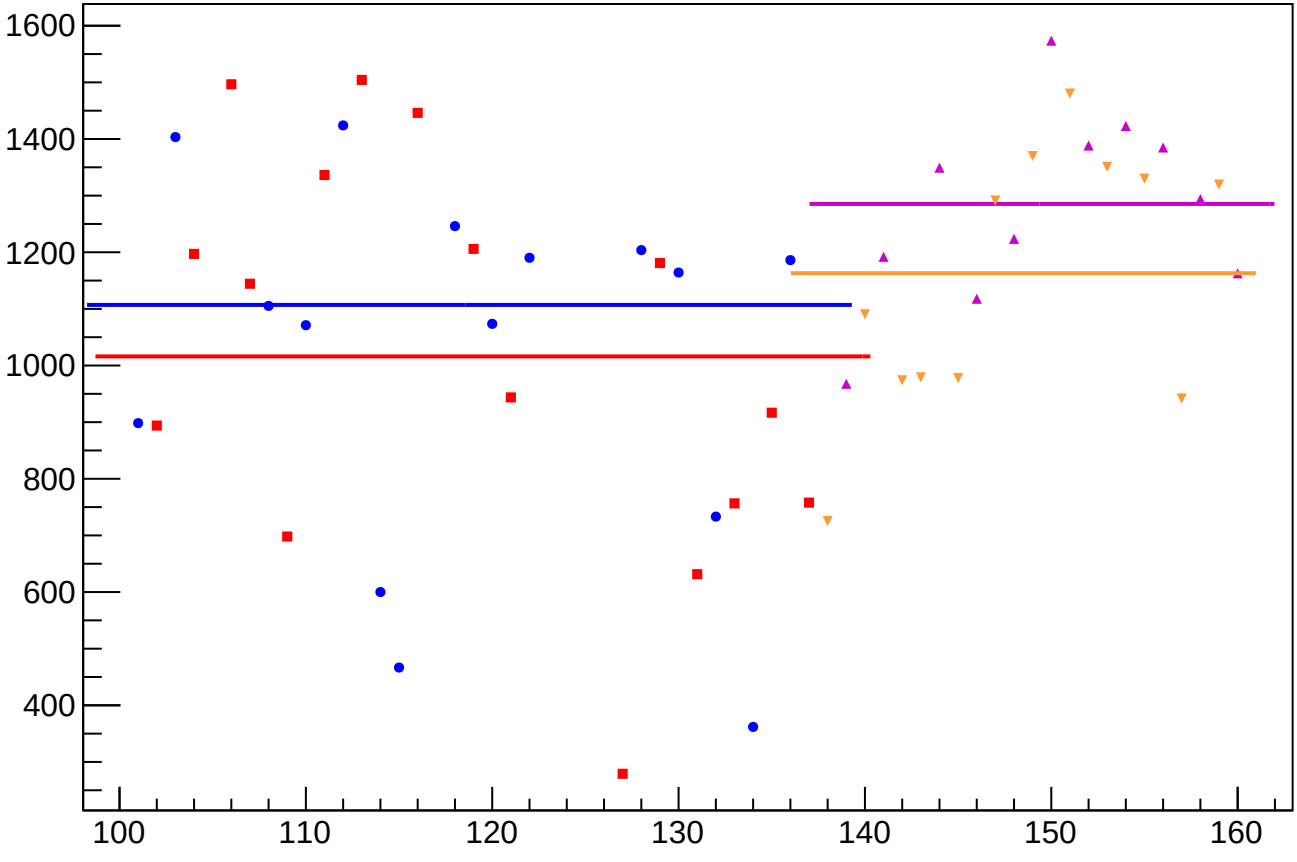
Left In: 1.118+/-0.000 χ^2/NDF:489734969957234809118013658234 88.0/10

+ sign 1.345+/-0.000 χ^2/NDF: 2686222287087534 0

All: 1.300+/-0.000 χ^2/NDF: 5617802647357 4

- 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

+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

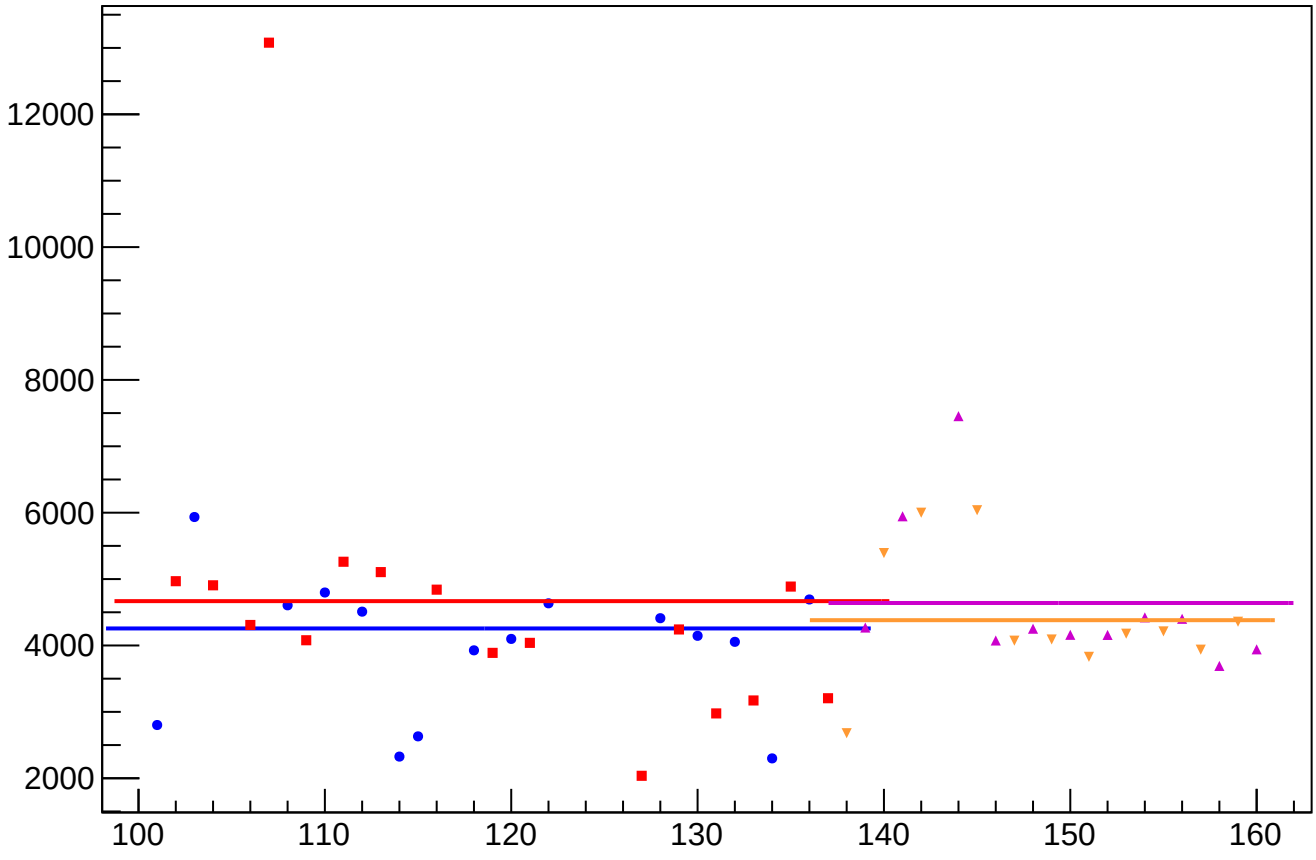
All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8

Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

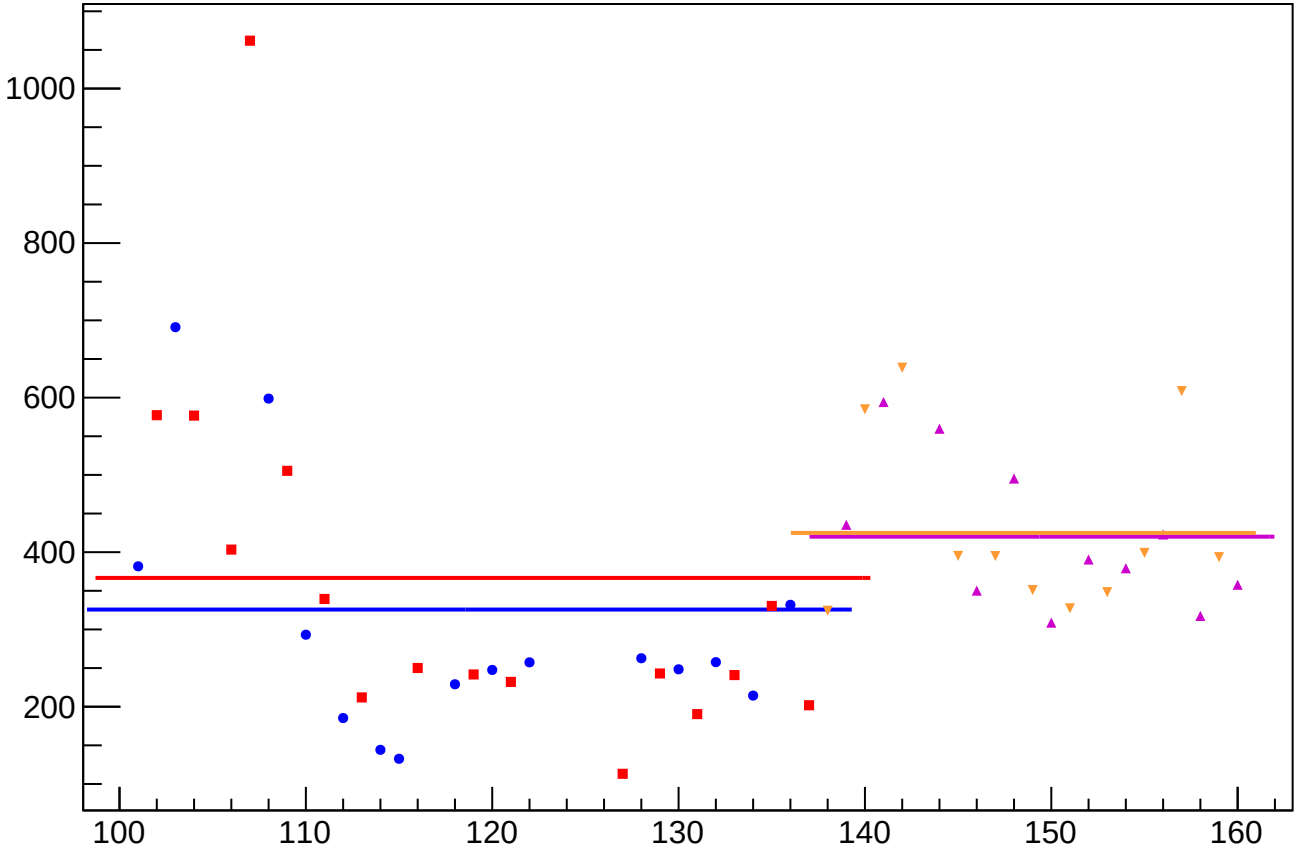
Left In: 1285.364+/-0.000 χ^2/NDF:240025728037323459597360480955148533 76.0/10

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000 χ^2/NDF: 49860541255162485967245495415957618688 0.0/14
+ sign 4326.984+/-0.000 χ^2/NDF: 12162390712682
Left Out: 4380.887+/-0.000 χ^2/NDF:711929350796242872356445332084336099328.0/10
All: 4494.113+/-0.000 χ^2/NDF: 5558234076 5
Right Out: 4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15
- sign 4651.578+/-0.000 χ^2/NDF: 42606752336216
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 381.988+/-0.000 χ^2/NDF: 2787729642766 88

Left Out: 424.941+/-0.000 χ^2/NDF:962182867327264981338377327246888 1408.0/10

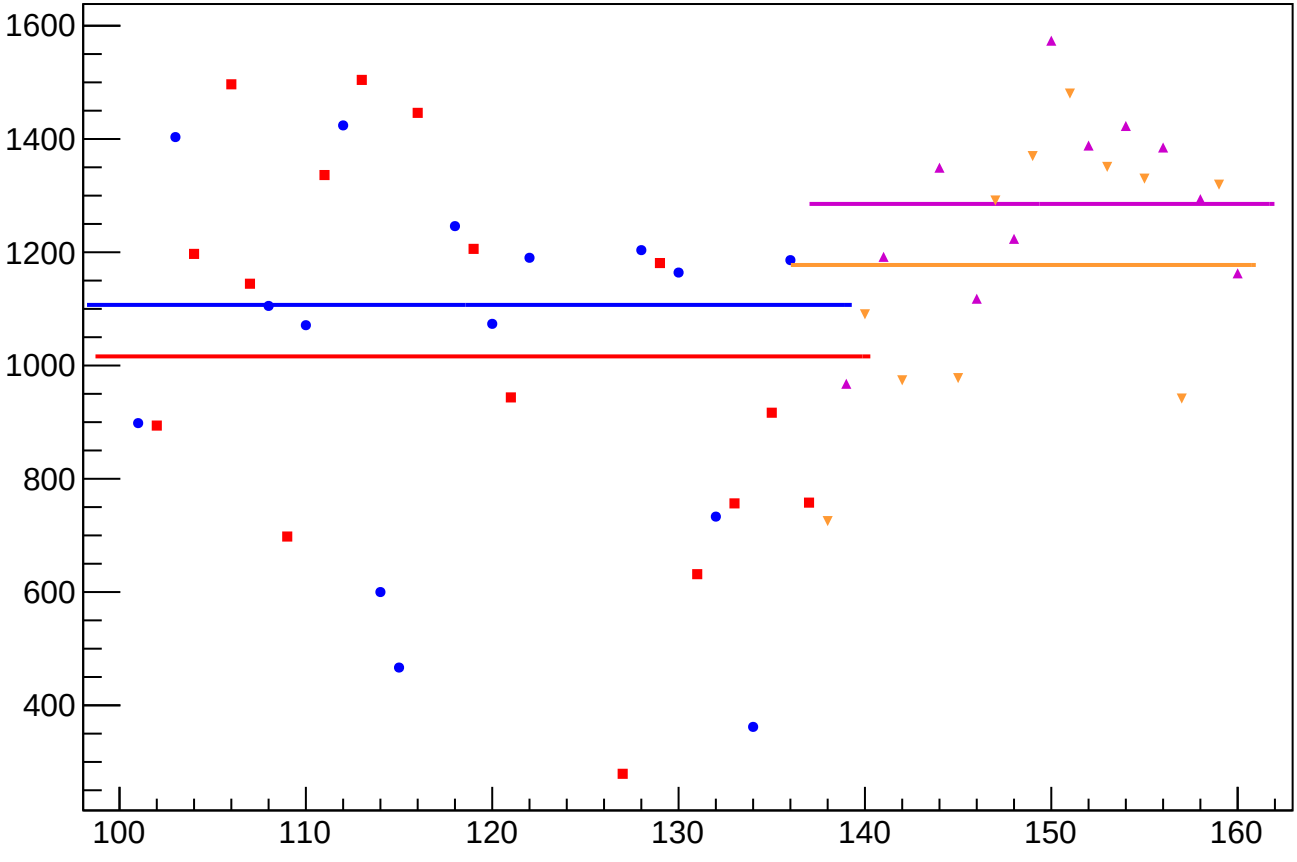
All: 390.069+/-0.000 χ^2/NDF: 68974987255 8

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

Left Out: 1177.551+/-0.000 χ^2/NDF:432990323993542902641234833031781416 96.0/10

Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

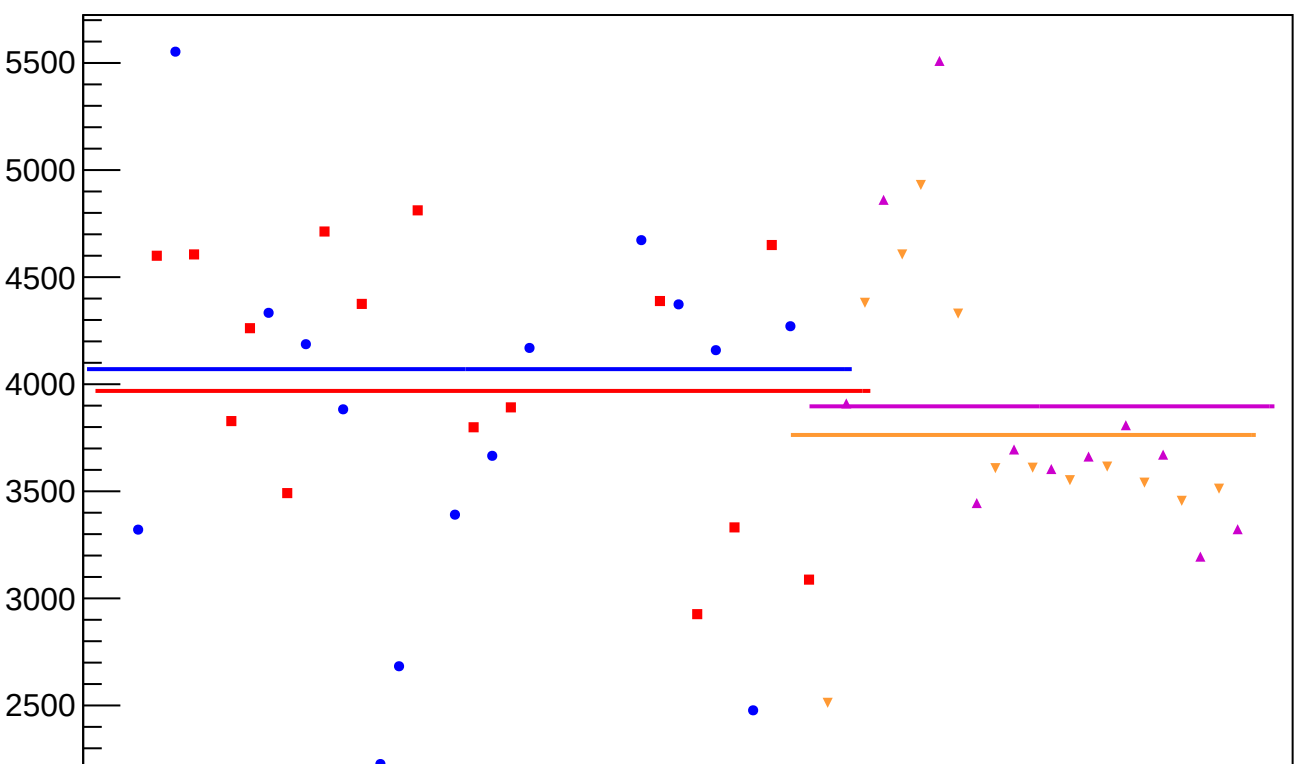
Left In: 1285.364+/-0.000 χ^2/NDF:240025728037323459597360480955148533 76.0/10

+ sign 1147.028+/-0.000 χ^2/NDF: 8576188246687 5

All: 1160.134+/-0.000 χ^2/NDF: 2109163980 5

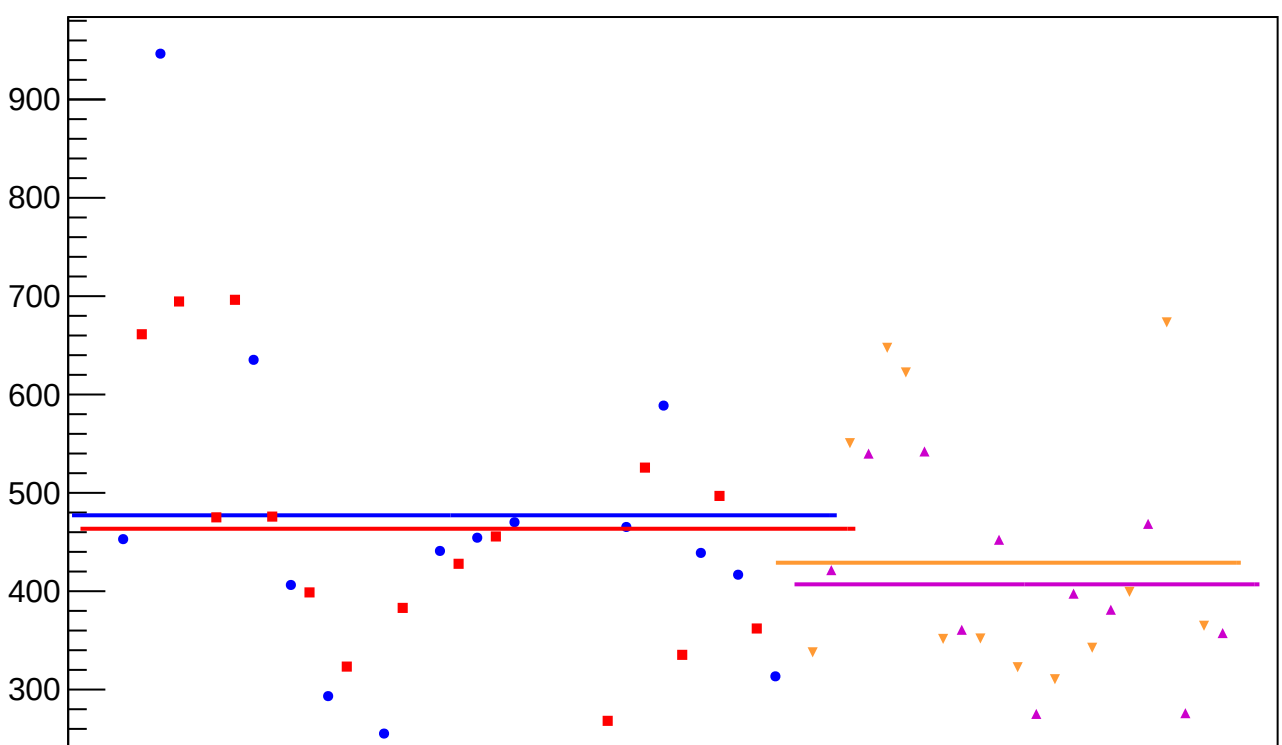
- sign 1172.482+/-0.000 χ^2/NDF: 12465444911625

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14
+ sign 3890.483+/-0.000 χ^2/NDF: 7080063057790 5
Left Out: 3763.117+/-0.000 χ^2/NDF:3288304104942859974906352696227476275 20.0/11
All: 3908.850+/-0.000 χ^2/NDF: 1483547324 8
Right Out: 3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15
- sign 3926.928+/-0.000 χ^2/NDF: 7744927899095 2
Left In: 3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143533178 88.0/10

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 428.977+/-0.000 χ^2/NDF:1529382778606567993198848445469268 3776.0/11

Right Out: 463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457 1904.0/15

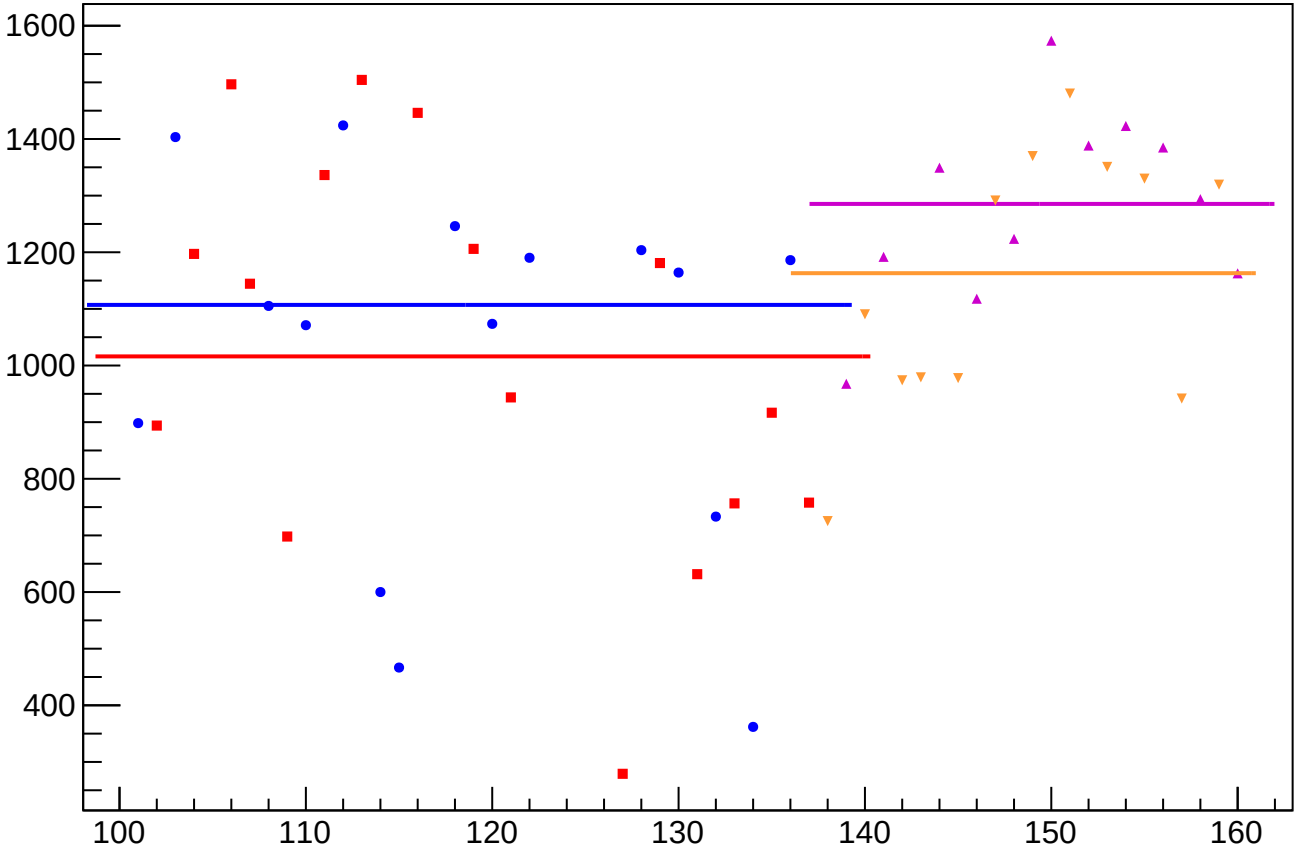
Left In: 406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827 456.0/10

+ sign 448.957+/-0.000 χ^2/NDF: 36632799082275 0

All: 439.749+/-0.000 χ^2/NDF: 5770482190 22

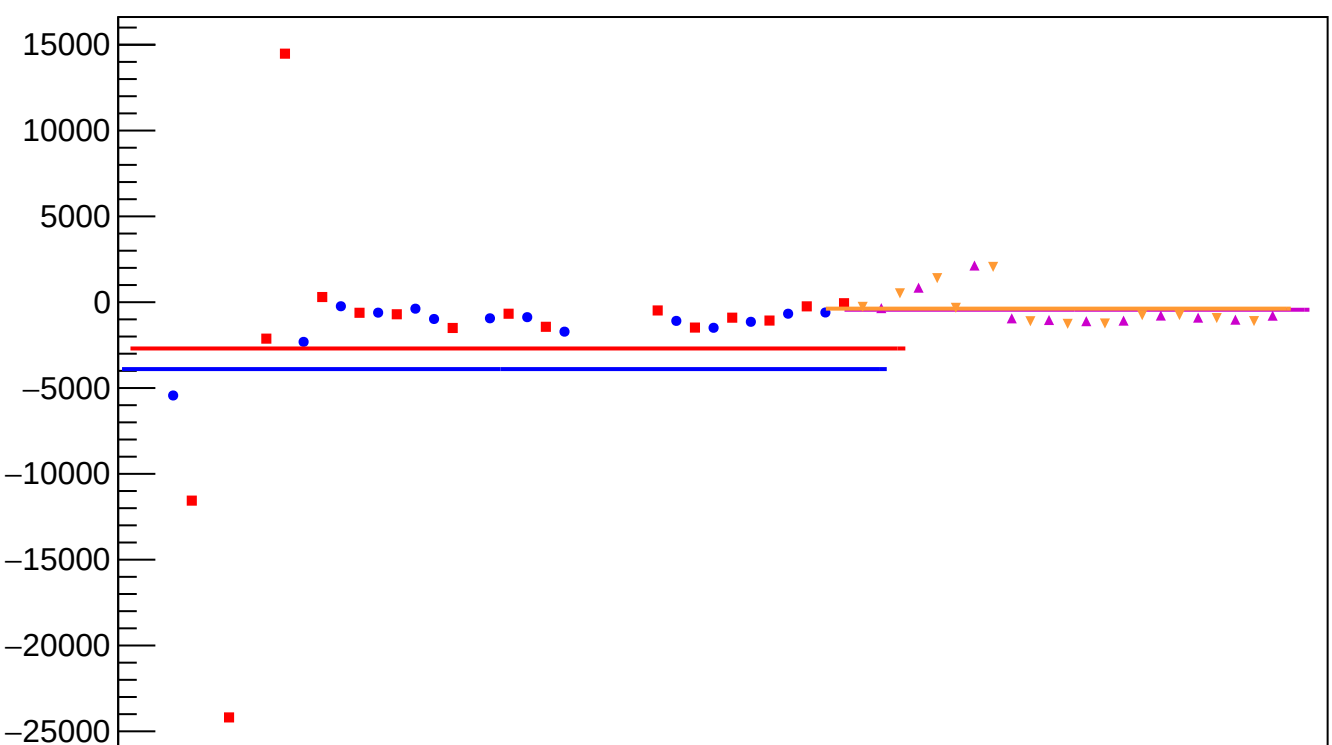
- sign 430.686+/-0.000 χ^2/NDF: 20808578063508 0

dit_usr_coil4_Ndata_mean vs Slug



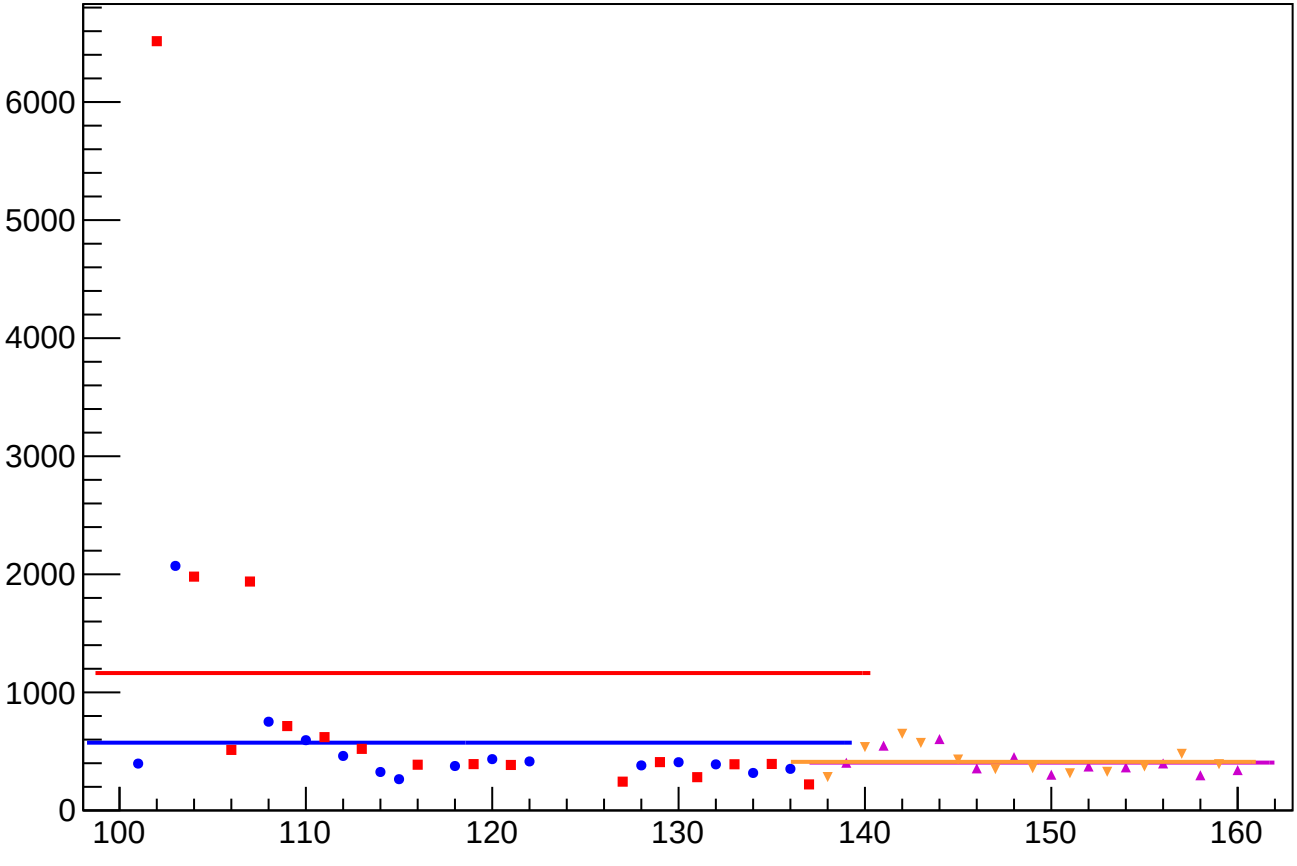
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 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_atl1_coil4_mean vs Slug



Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
+ sign -1833.963+/-0.000 χ^2/NDF: 4527944849891
Left Out: -374.202+/-0.000 χ^2/NDF:9458681751446739631330703811354967408 64.0/11
All: -1607.892+/-0.000 χ^2/NDF: 8915452506
Right Out: -2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
- sign -1385.374+/-0.000 χ^2/NDF: 4371626422274
Left Out: -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 478.965+/-0.000 χ^2/NDF: 171437634653711

Left Out: 411.666+/-0.000 χ^2/NDF:931075356204691907006762156089461964 8.0/11

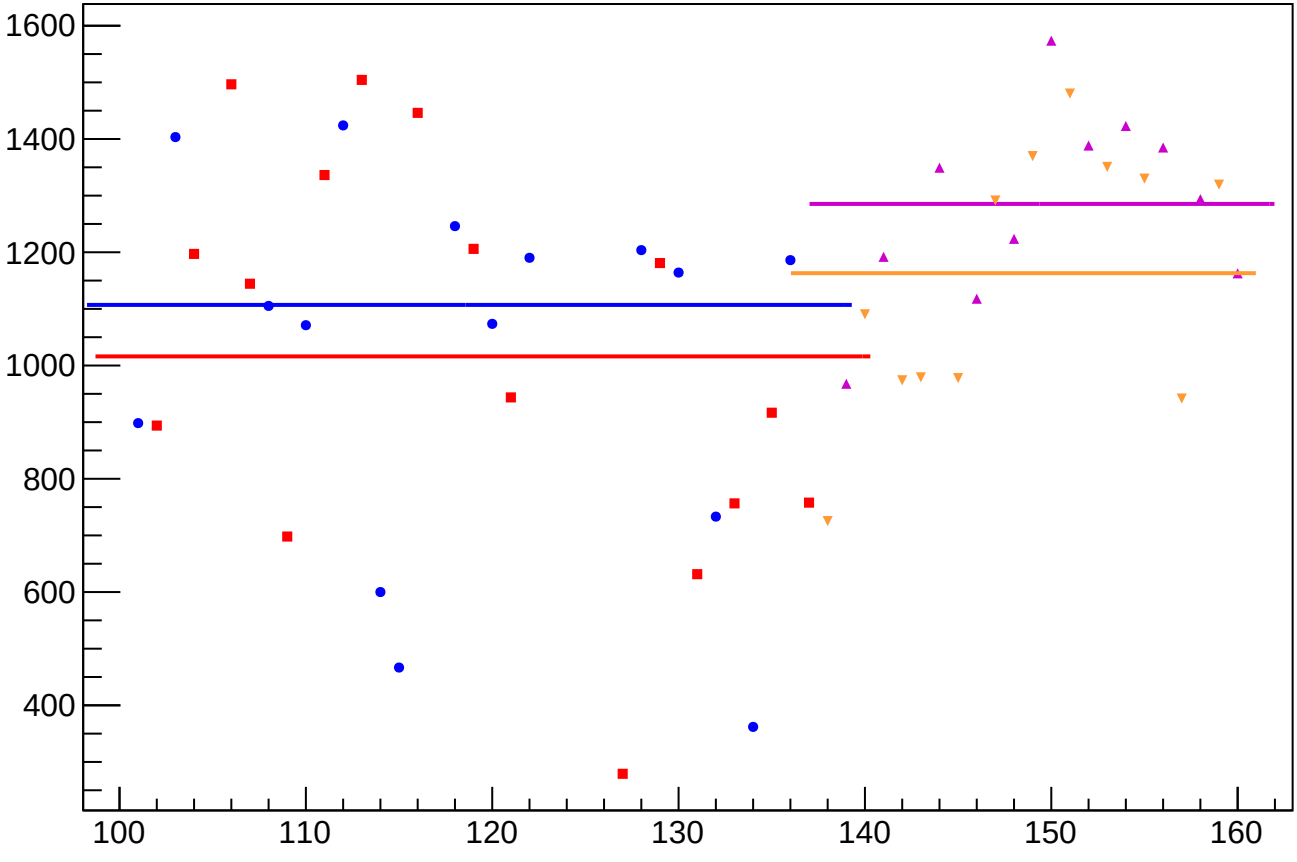
All: 602.093+/-0.000 χ^2/NDF: 24525990424 0

Right Out: 1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15

- sign 723.286+/-0.000 χ^2/NDF: 223405186584258

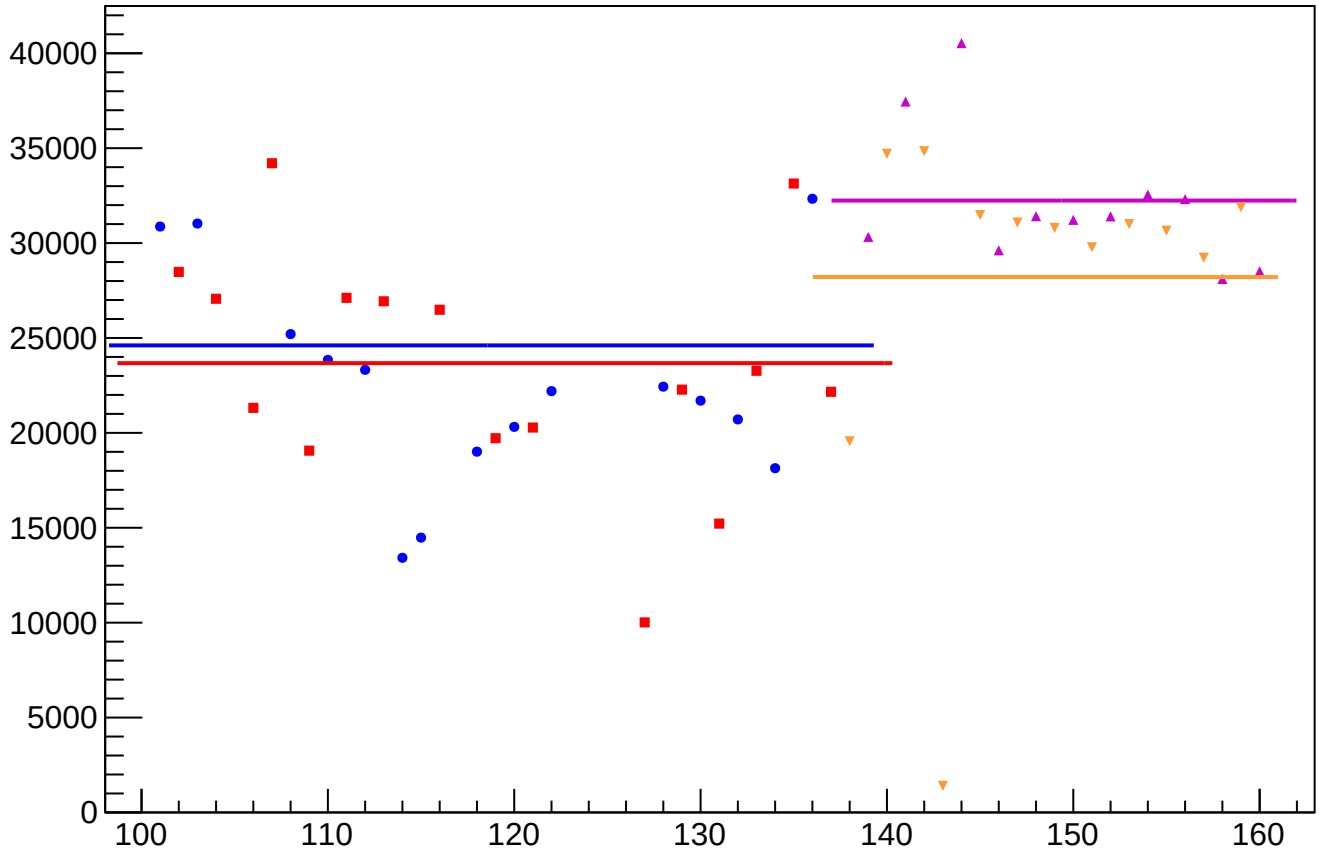
Left In: 405.371+/-0.000 χ^2/NDF:8096374045117906535343483577494929408.0/10

dit_atl1_coil4_Ndata_mean vs Slug



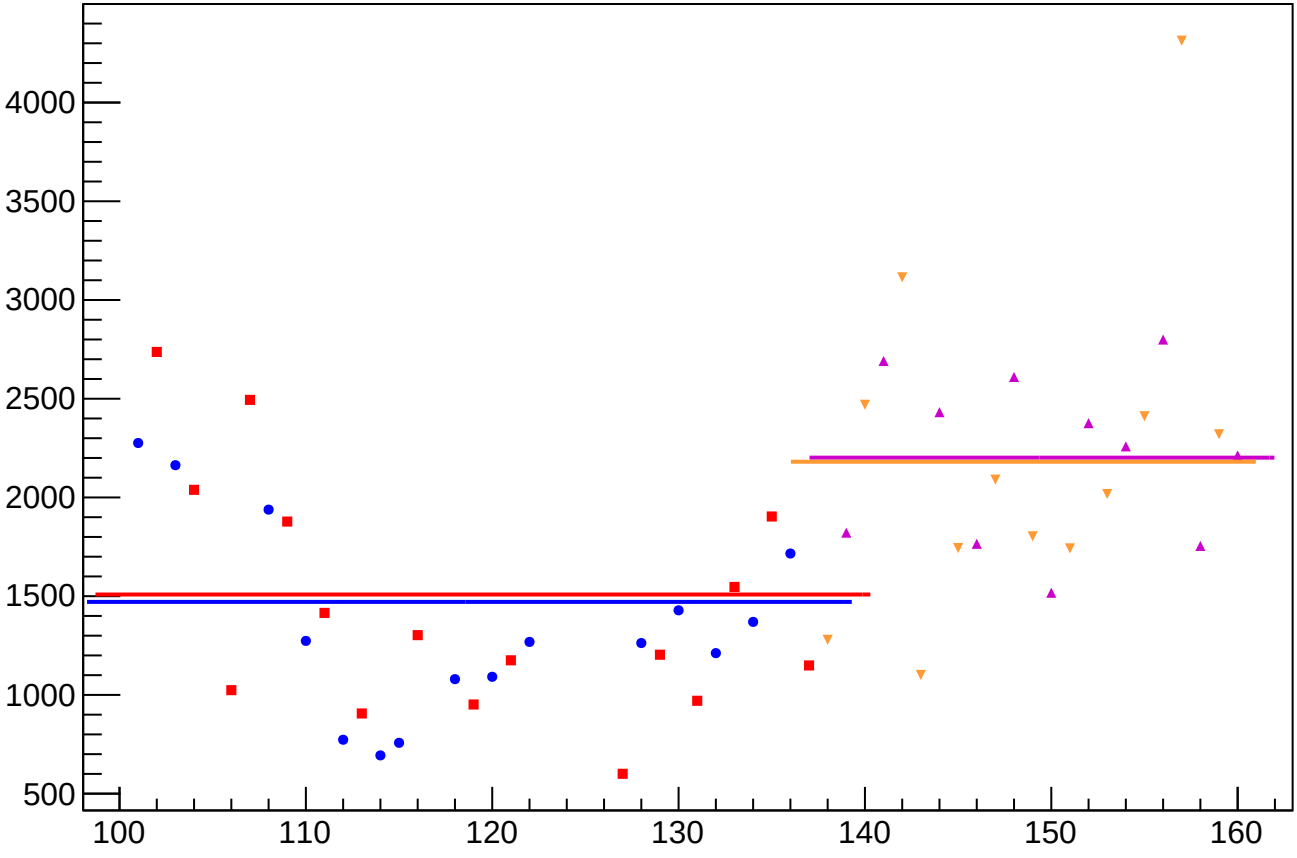
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 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_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14
+ sign 26717.396+/-0.000 χ^2/NDF: 8653618172568
Left Out: 28209.767+/-0.000 χ^2/NDF:640525882088157865012711361542179572940 80.0/11
All: 27690.553+/-0.000 χ^2/NDF: 1546543173
Right Out: 23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15
- sign 28648.418+/-0.000 χ^2/NDF: 6517533016953
Left In: 32239.303+/-0.000 χ^2/NDF:1193139787566317714281282999880354103296 0.0/10

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF: 1391749794204678410738941679564520161 28.0/14

Left Out: 2180.972+/-0.000 χ^2/NDF:5987032261219997887471511740263474135 04.0/11

Right Out: 1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156136 96.0/15

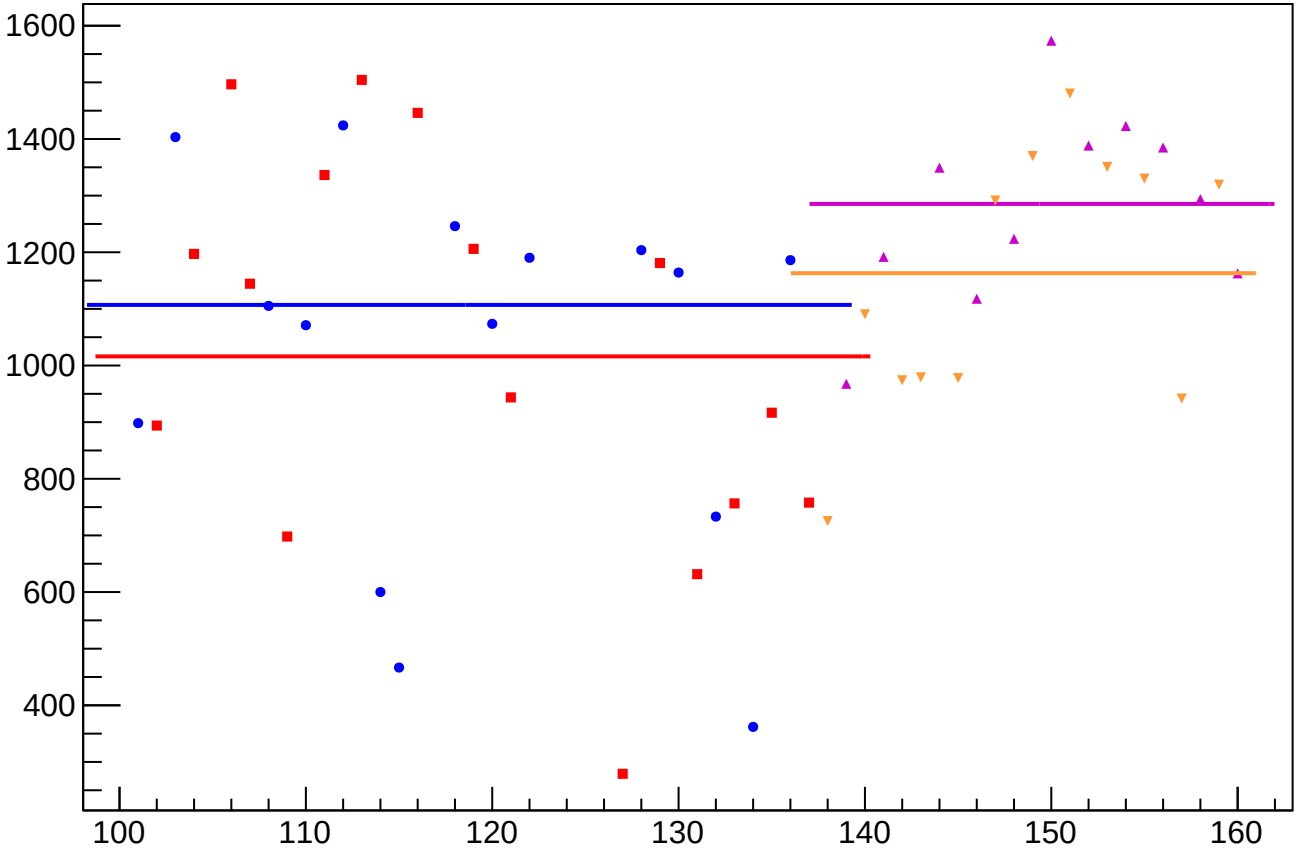
Left In: 2201.571+/-0.000 χ^2/NDF:1569291241796909306190302290979627991 04.0/10

+ sign 1886.776+/-0.000 χ^2/NDF: 9293871705714 2

All: 1898.980+/-0.000 χ^2/NDF: 1522963664 8

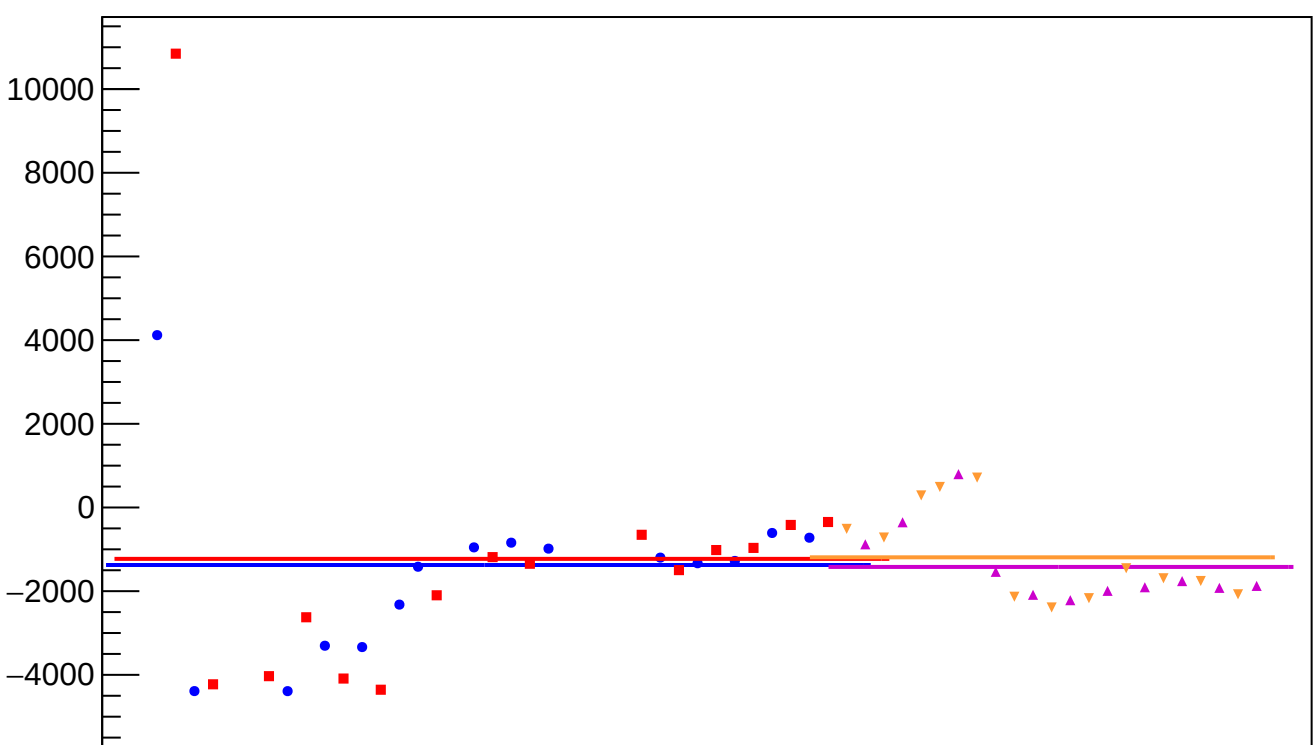
- sign 1910.992+/-0.000 χ^2/NDF: 59311371544144

dit_atl2_coil4_Ndata_mean vs Slug



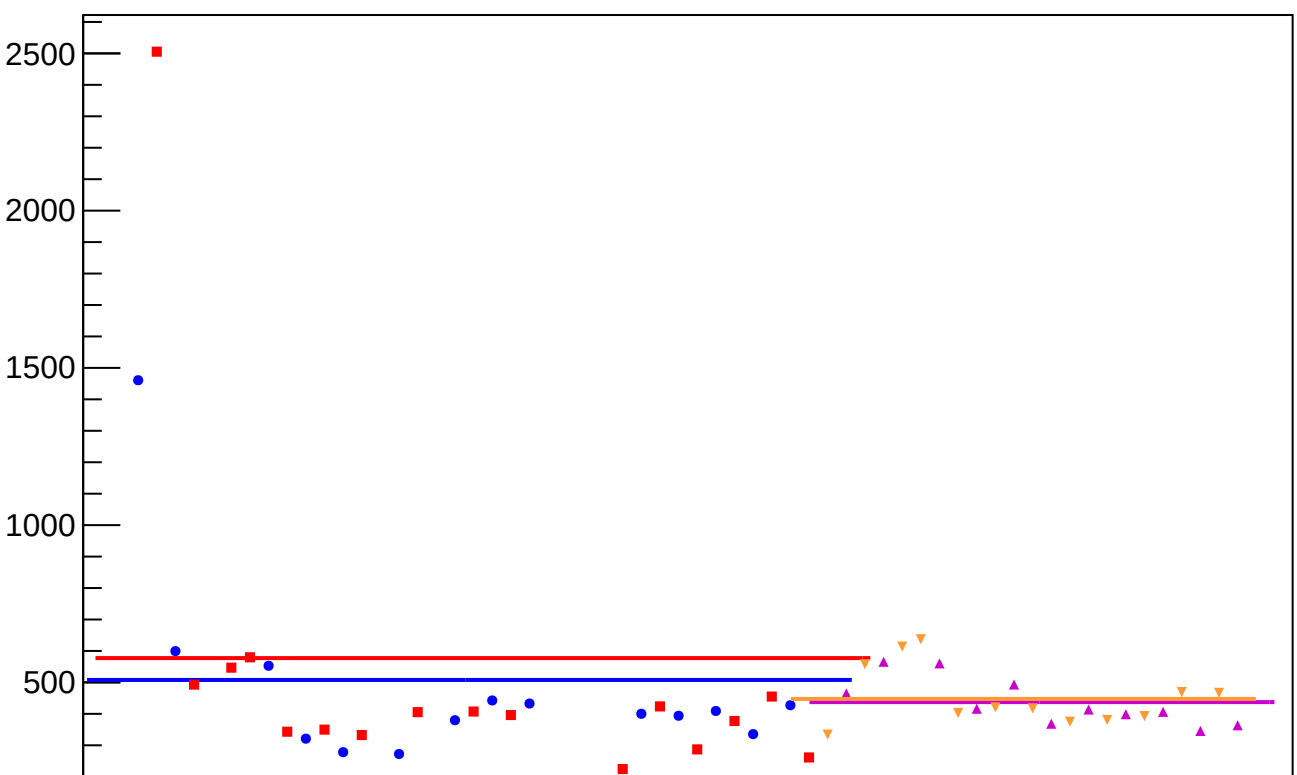
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 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_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
+ sign -1267.093+/-0.000 χ^2/NDF: 4101226272793
Left Out: -1191.069+/-0.000 χ^2/NDF:1015662132878322627077441101495867015168.0/11
All: -1303.797+/-0.000 χ^2/NDF: 1598313102
Right Out: -1227.879+/-0.000 χ^2/NDF: 1111531299992662339646645021844862245273 6.0/15
- sign -1339.925+/-0.000 χ^2/NDF: 1187771840458 3
Left In: -1420.806+/-0.000 χ^2/NDF:7479870857859201626379169322173611376 64.0/10

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Left Out: 447.436+/-0.000 χ^2/NDF:7069072028969774638688985742751825920.0/11

Right Out: 577.250+/-0.000 χ^2/NDF: 2412887806426233916839586415355740815 36.0/15

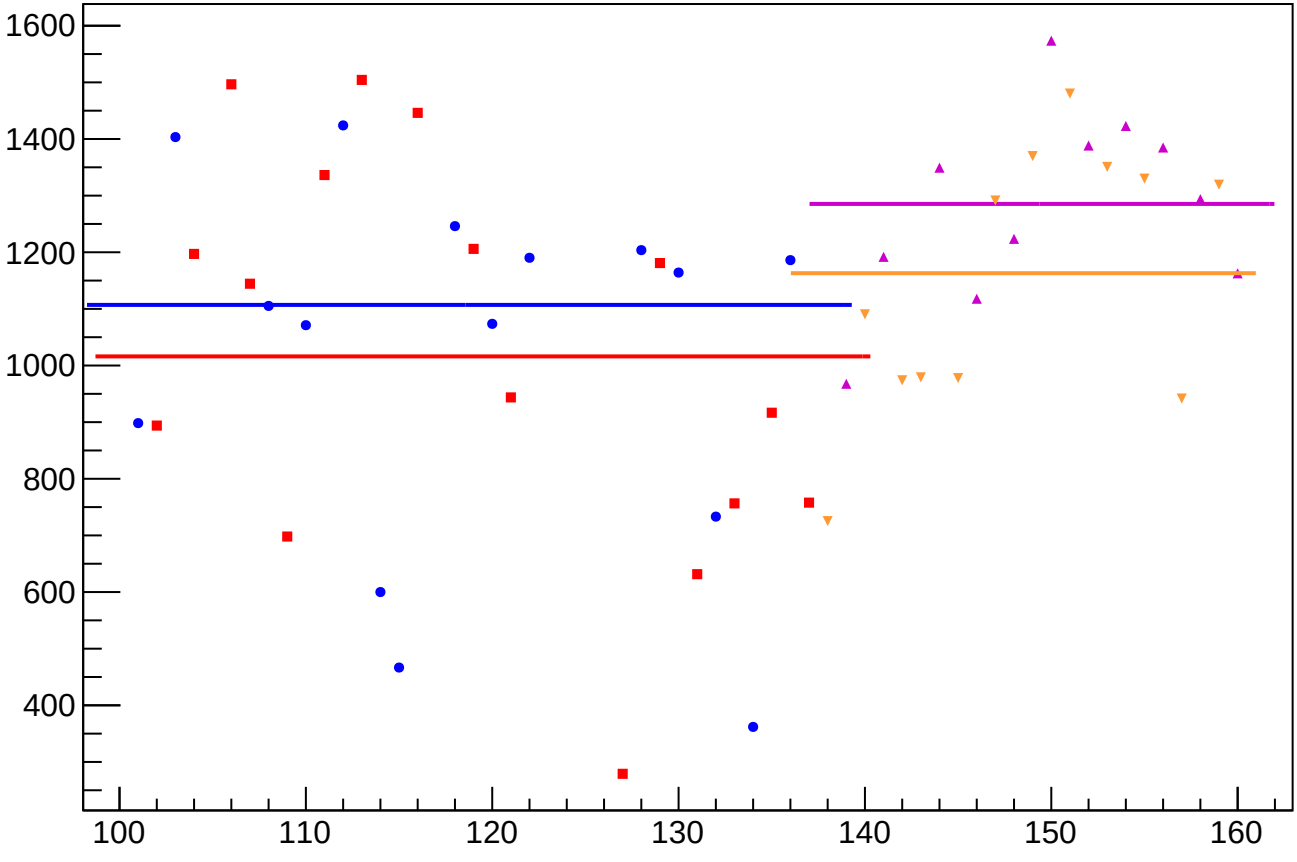
Left In: 437.315+/-0.000 χ^2/NDF:4874677524968742275560761293986070528.0/10

+ sign 472.457+/-0.000 χ^2/NDF: 7259419601326 00

All: 484.312+/-0.000 χ^2/NDF: 3267798254 79

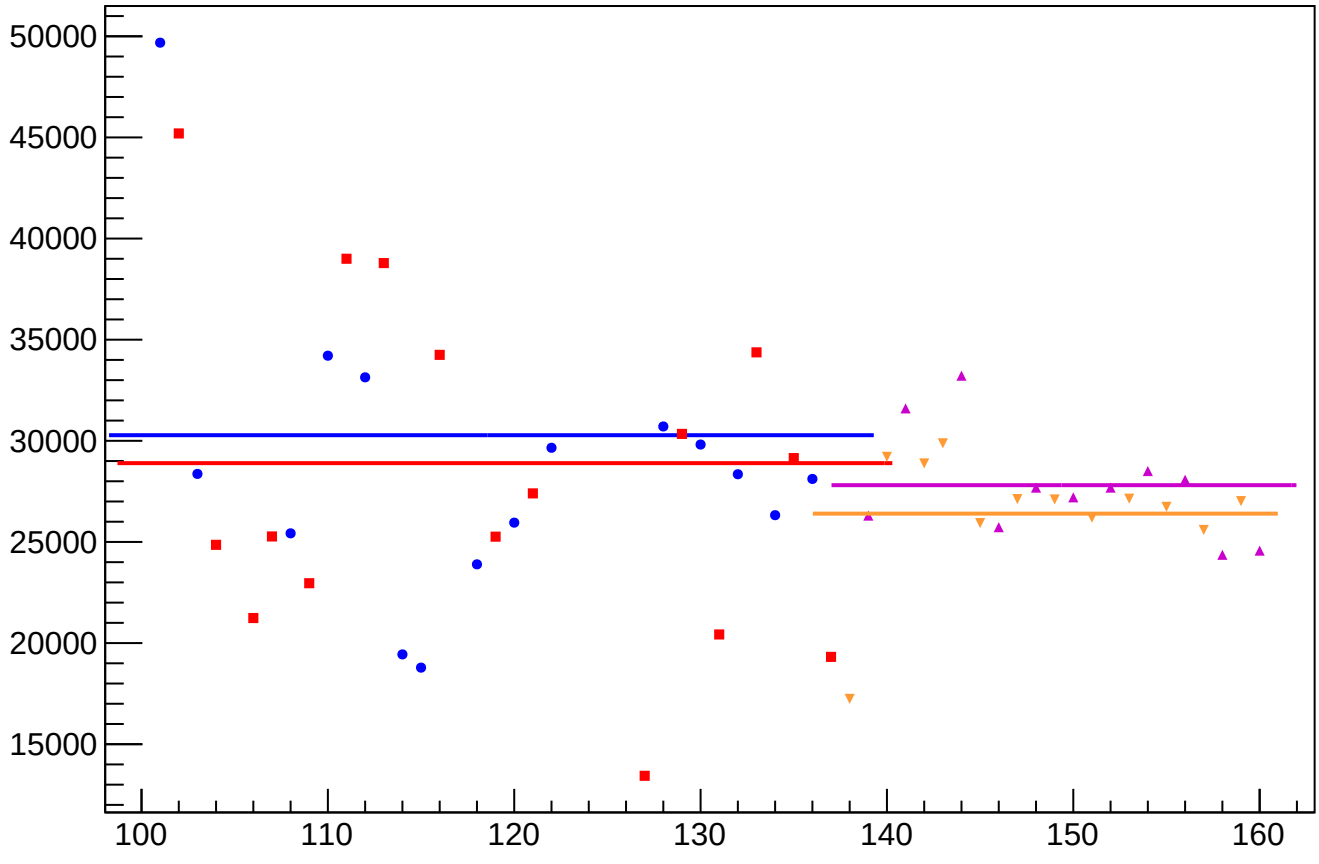
- sign 495.981+/-0.000 χ^2/NDF: 2537488953459 00

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8
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_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

+ sign 28007.063+/-0.000 χ^2/NDF: 4521346262671

Left Out: 26400.073+/-0.000 χ^2/NDF:852345353206654257424343989900837650432 0.0/11

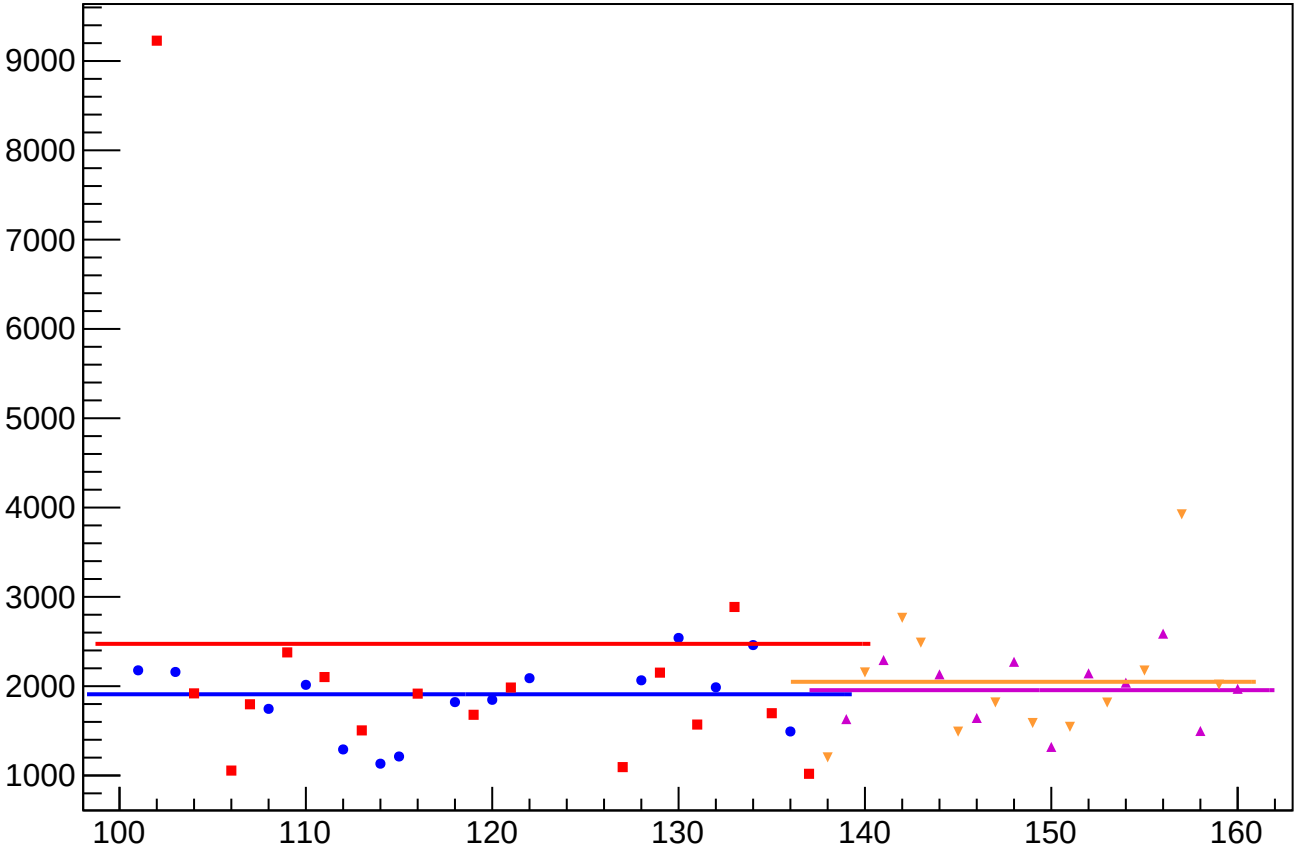
All: 28136.456+/-0.000 χ^2/NDF: 988875115 6

Right Out: 28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

- sign 28263.816+/-0.000 χ^2/NDF: 5362202344062

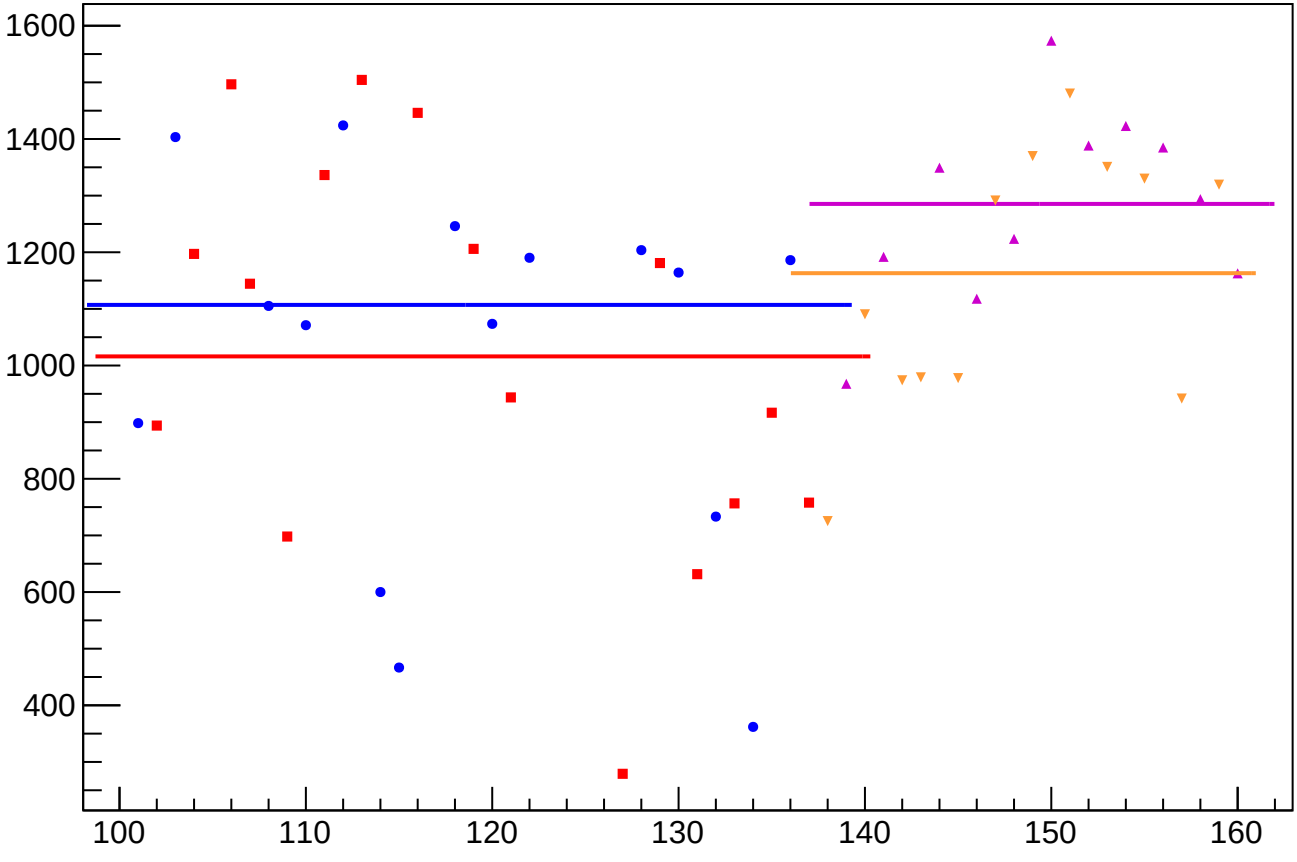
Left In: 27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

dit_atr2_coil4_err_mean vs Slug



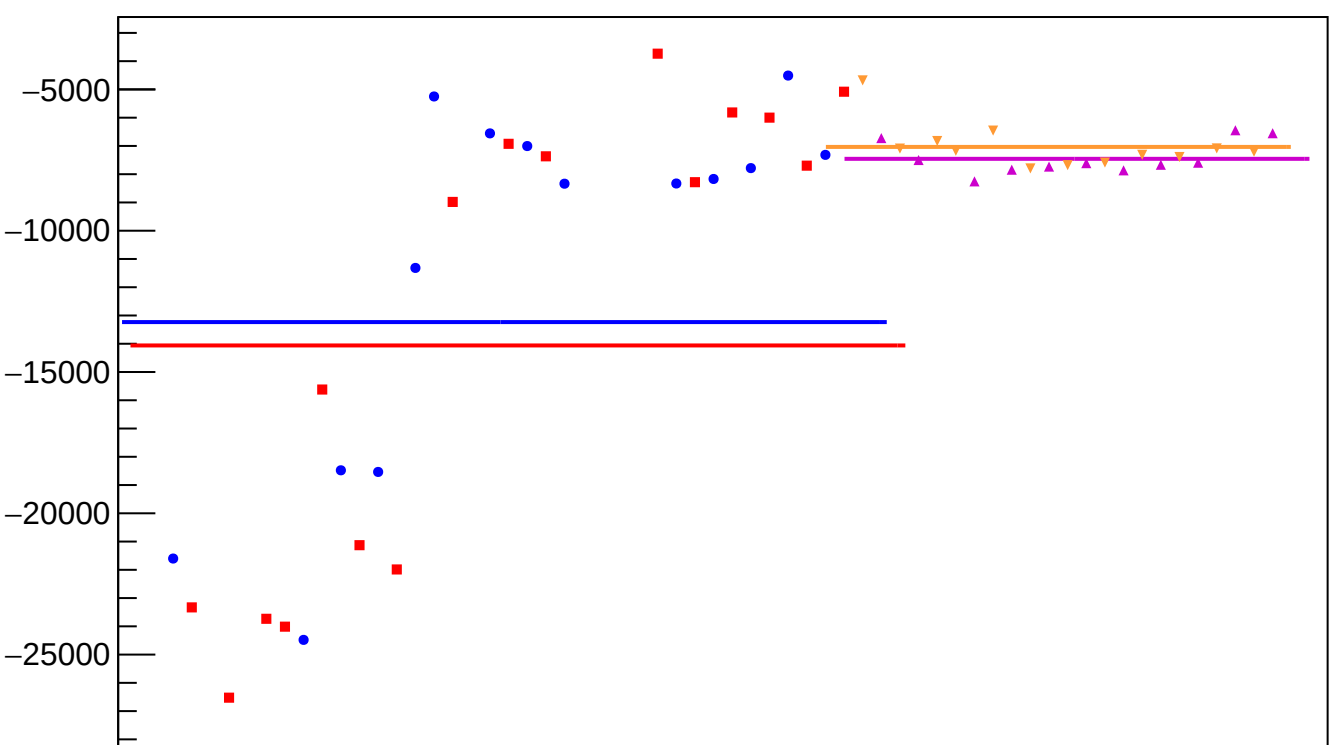
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
+ sign 1991.196+/-0.000 χ^2/NDF: 5387672882538 2
Left Out: 2049.063+/-0.000 χ^2/NDF:4437211009992955156726740363485097492 48.0/11
All: 2082.694+/-0.000 χ^2/NDF: 3829807030 6
Right Out: 2473.977+/-0.000 χ^2/NDF: 3033908025746418121738753286600386412544.0/15
- 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



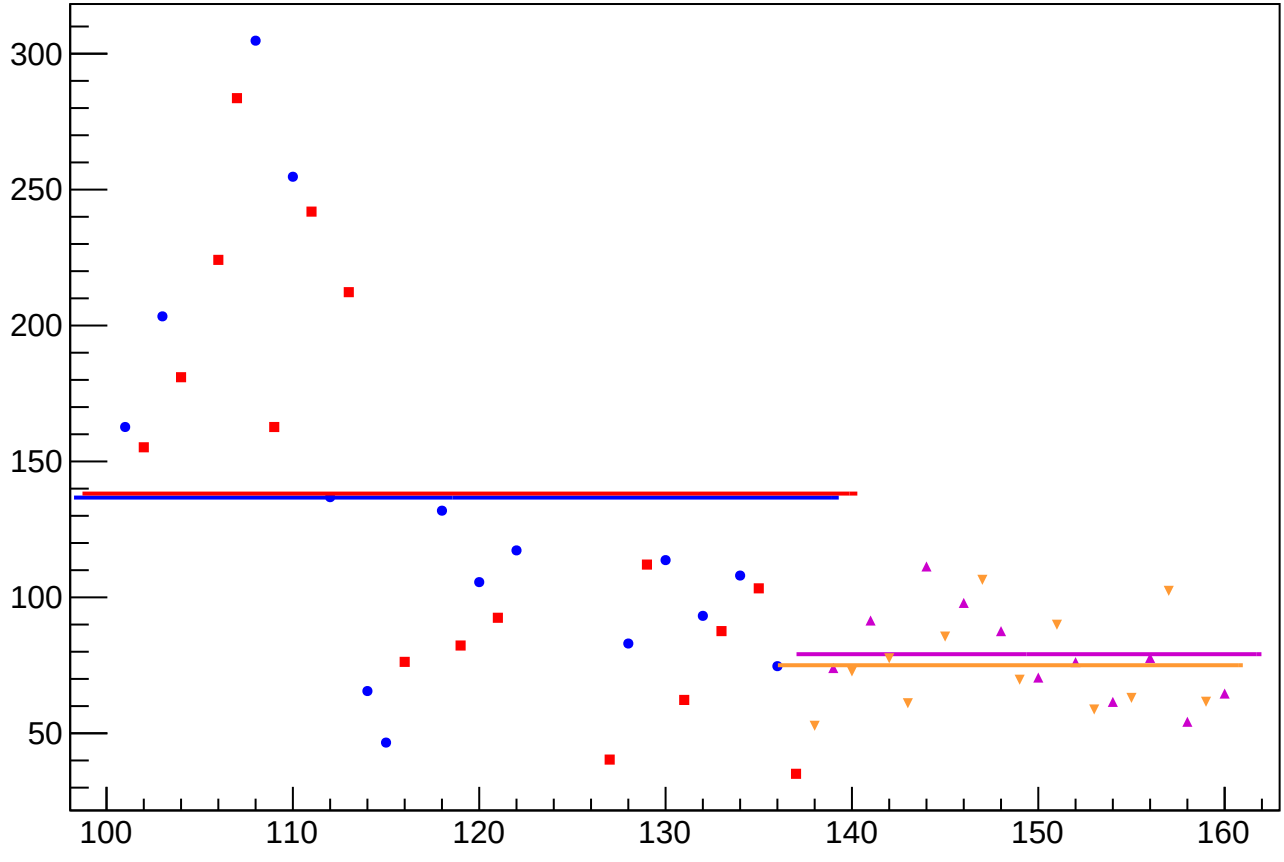
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 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_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14
+ sign -9603.460+/-0.000 χ^2/NDF: 5644666826321
Left Out: -7034.420+/-0.000 χ^2/NDF:5860877002520491792654324353800234598 40.0/11
All: -9916.555+/-0.000 χ^2/NDF: 1184206865
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: 268706503088522712629176426745665945 6.0/14

+ sign 100.594+/-0.000 χ^2/NDF: 439844373085825

Left Out: 75.033+/-0.000 χ^2/NDF:265697800274954088415608872374370304.0/11

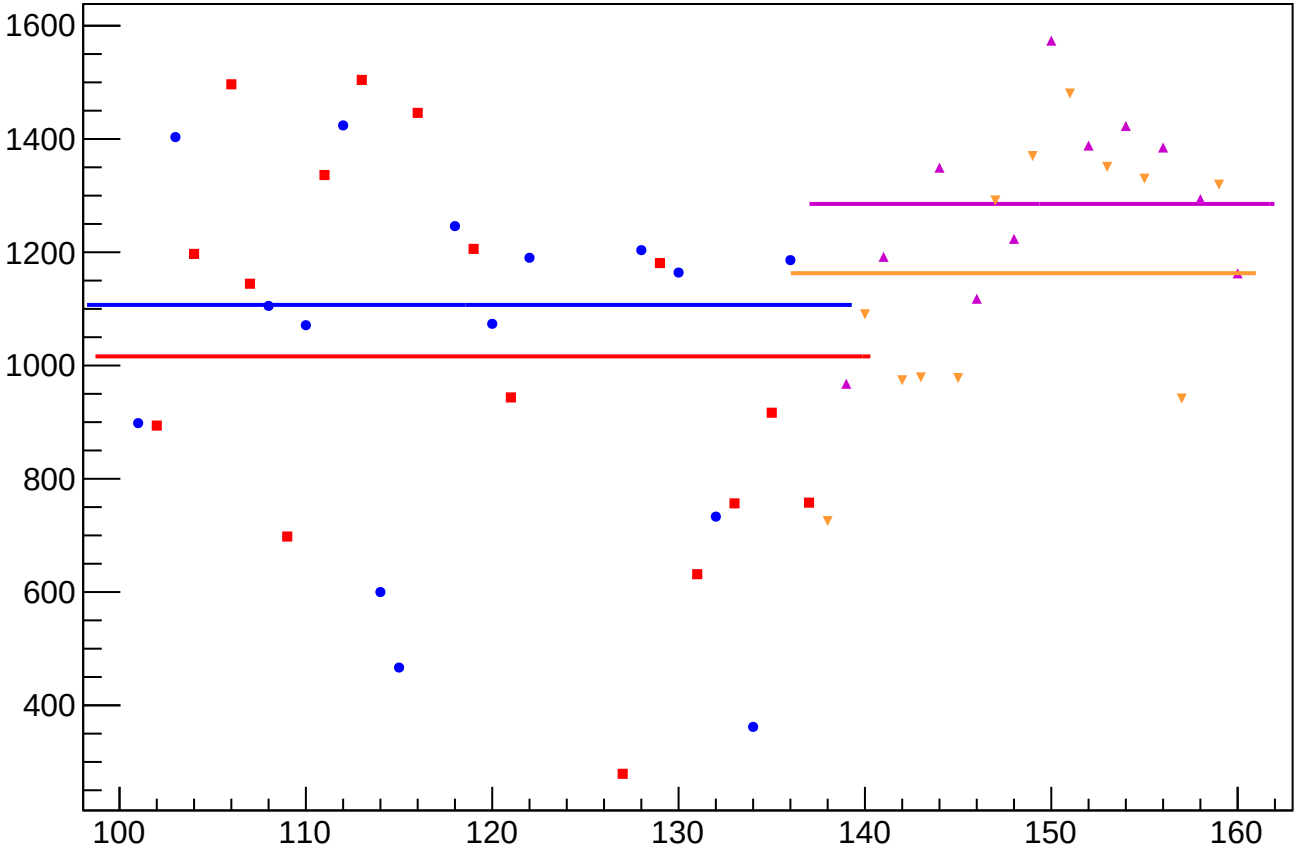
All: 102.243+/-0.000 χ^2/NDF: 923398239612

Right Out: 138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846732 8.0/15

- sign 103.866+/-0.000 χ^2/NDF: 482709269231347

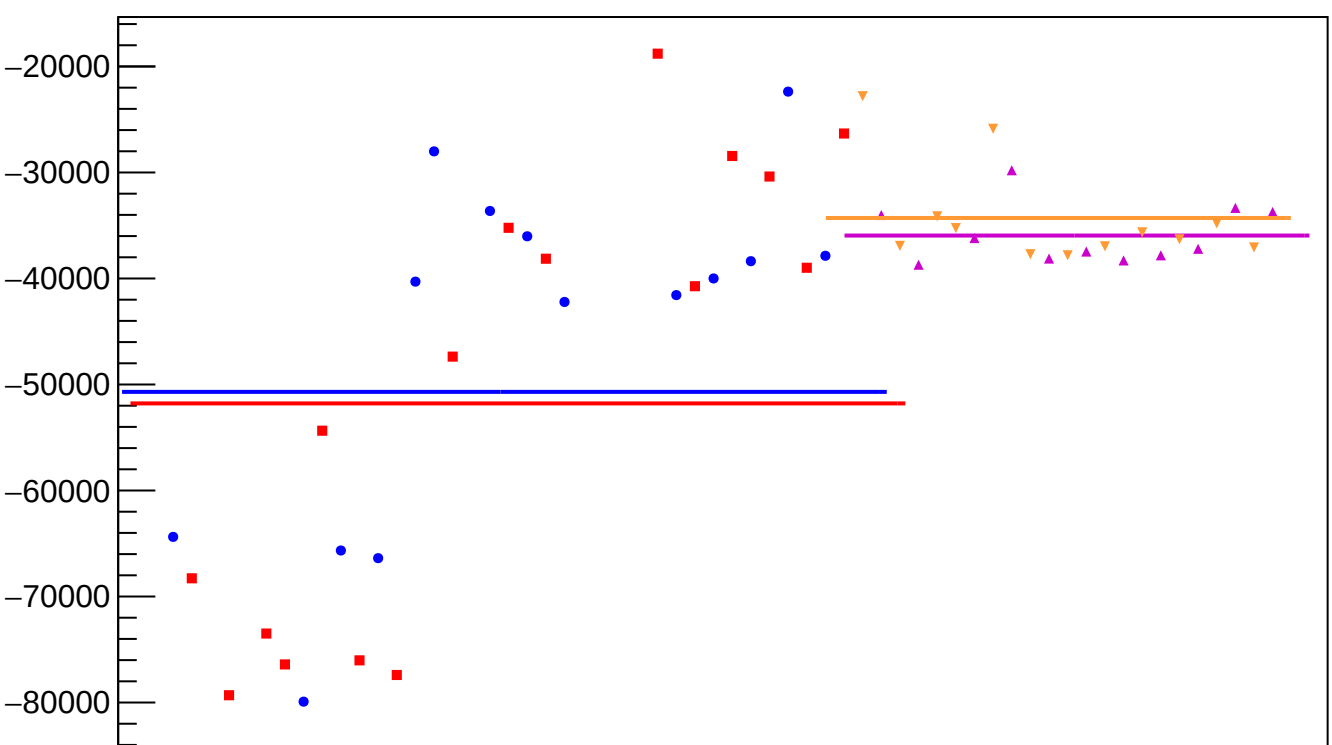
Left In: 79.096+/-0.000 χ^2/NDF:243975342218114768326270780809674752.0/10

dit_sam1_coil4_Ndata_mean vs Slug



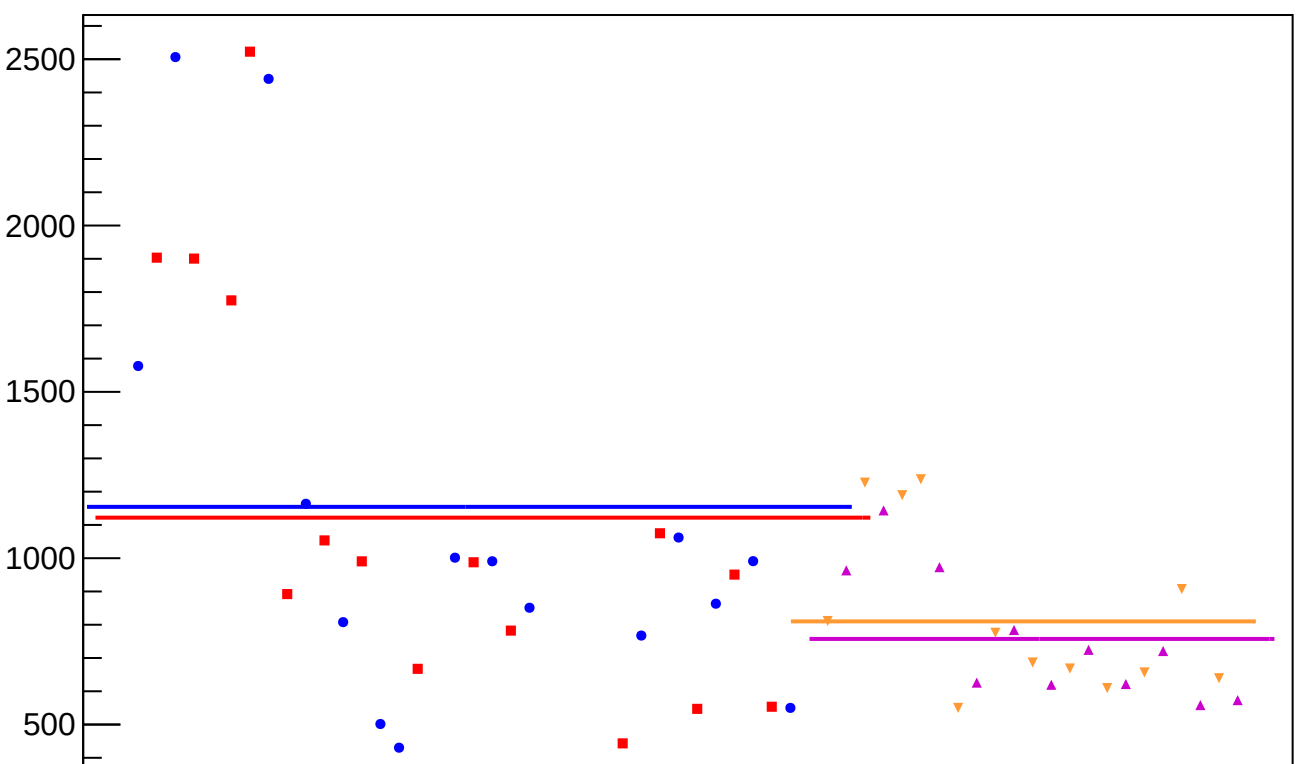
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 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_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14
+ sign -41090.157+/-0.000 χ^2/NDF: 349142060389
Left Out: -34292.100+/-0.000 χ^2/NDF:202731294039908207898661059081166640906 24.0/11
All: -41844.961+/-0.000 χ^2/NDF: 736360968
Right Out: -51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15
- sign -42587.904+/-0.000 χ^2/NDF: 3854485377902
Left In: -35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963 5712.0/10

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14

+ sign 952.766+/-0.000 χ^2/NDF: 344202313283542

Left Out: 810.109+/-0.000 χ^2/NDF:4990228962713660160321193432400160358 4.0/11

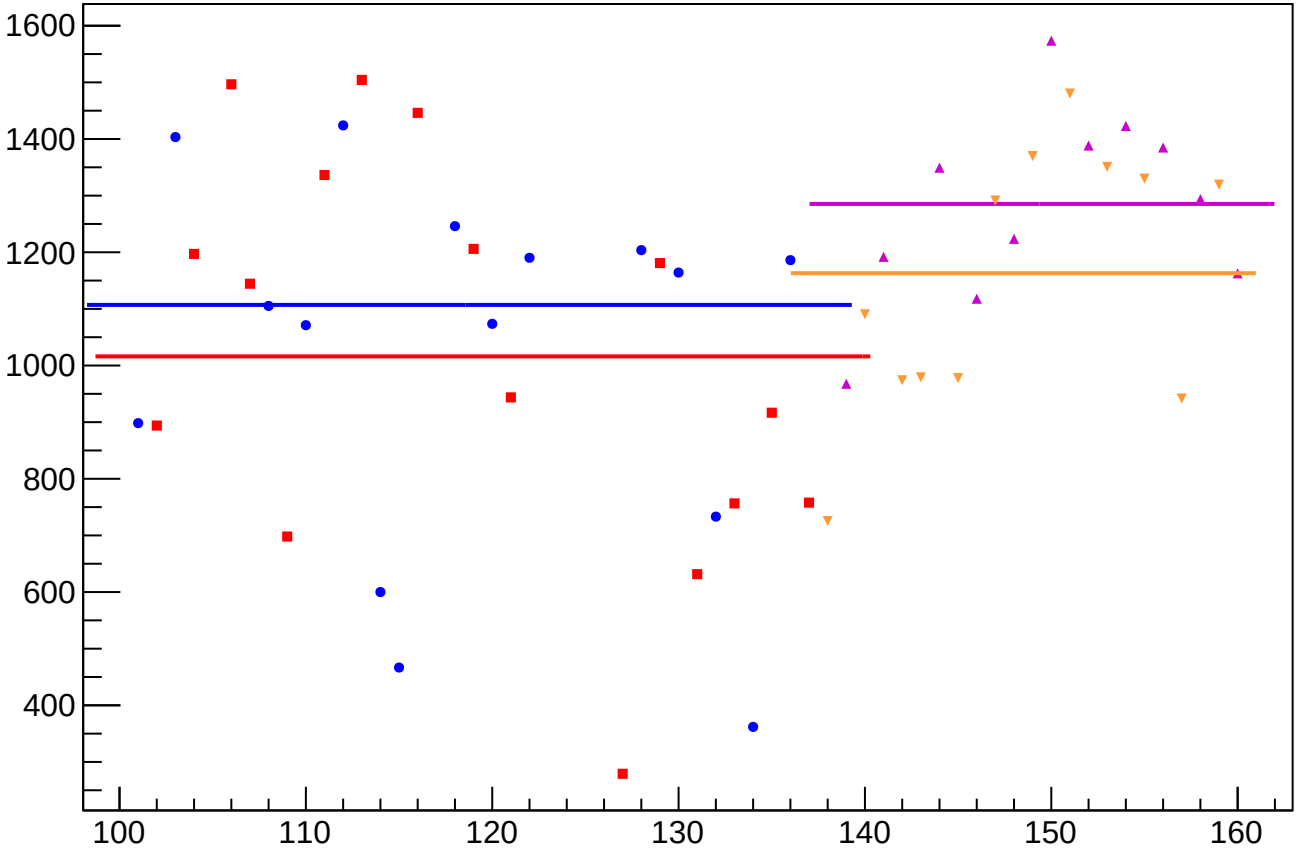
All: 931.312+/-0.000 χ^2/NDF: 654318684423

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: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

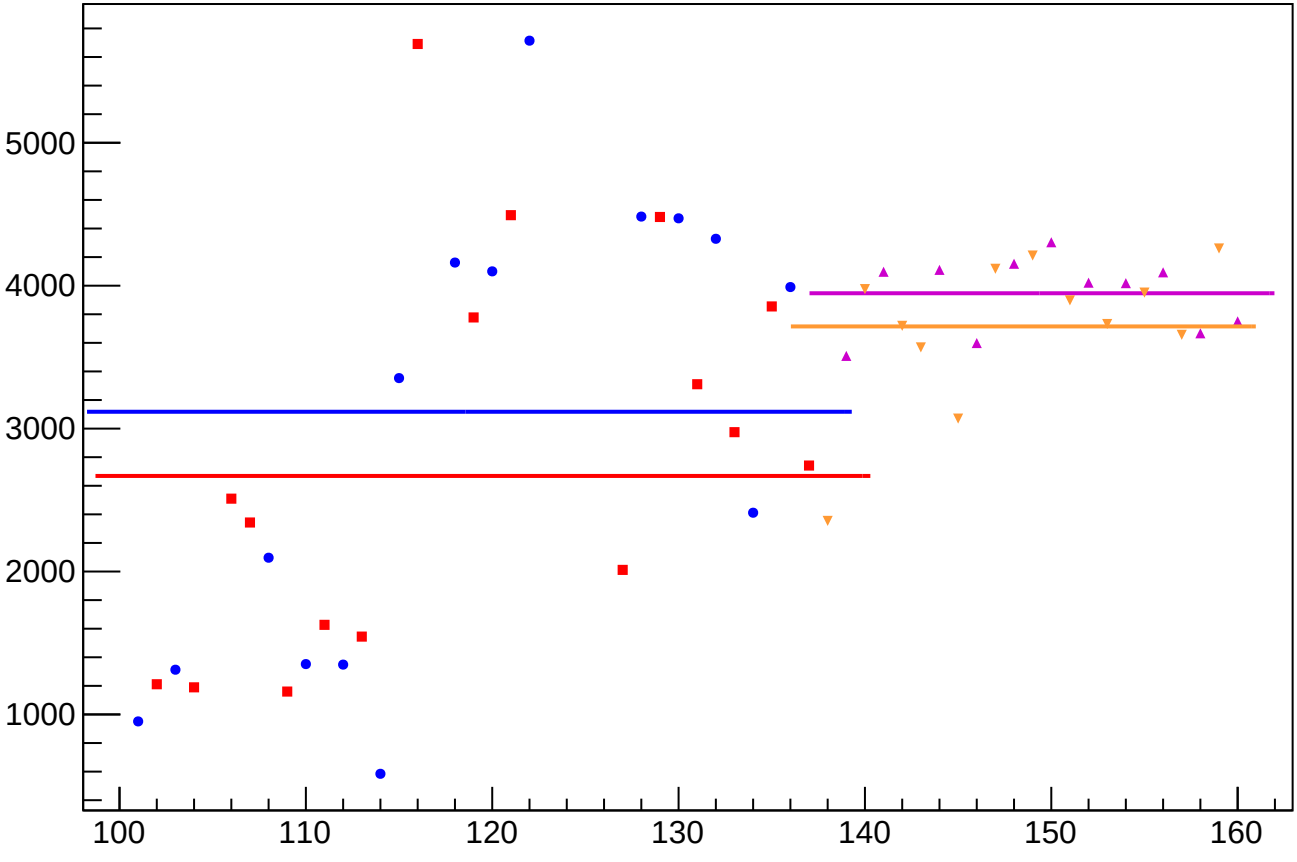
Left In: 1285.364+/-0.000 χ^2/NDF:240025728037323459597360480955148533 76.0/10

+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3

All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8

- sign 1172.482+/-0.000 χ^2/NDF: 12465444911625

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

Left Out: 3714.902+/-0.000 χ^2/NDF:2496524034929409624753633728821272248 32.0/11

Right Out: 2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15

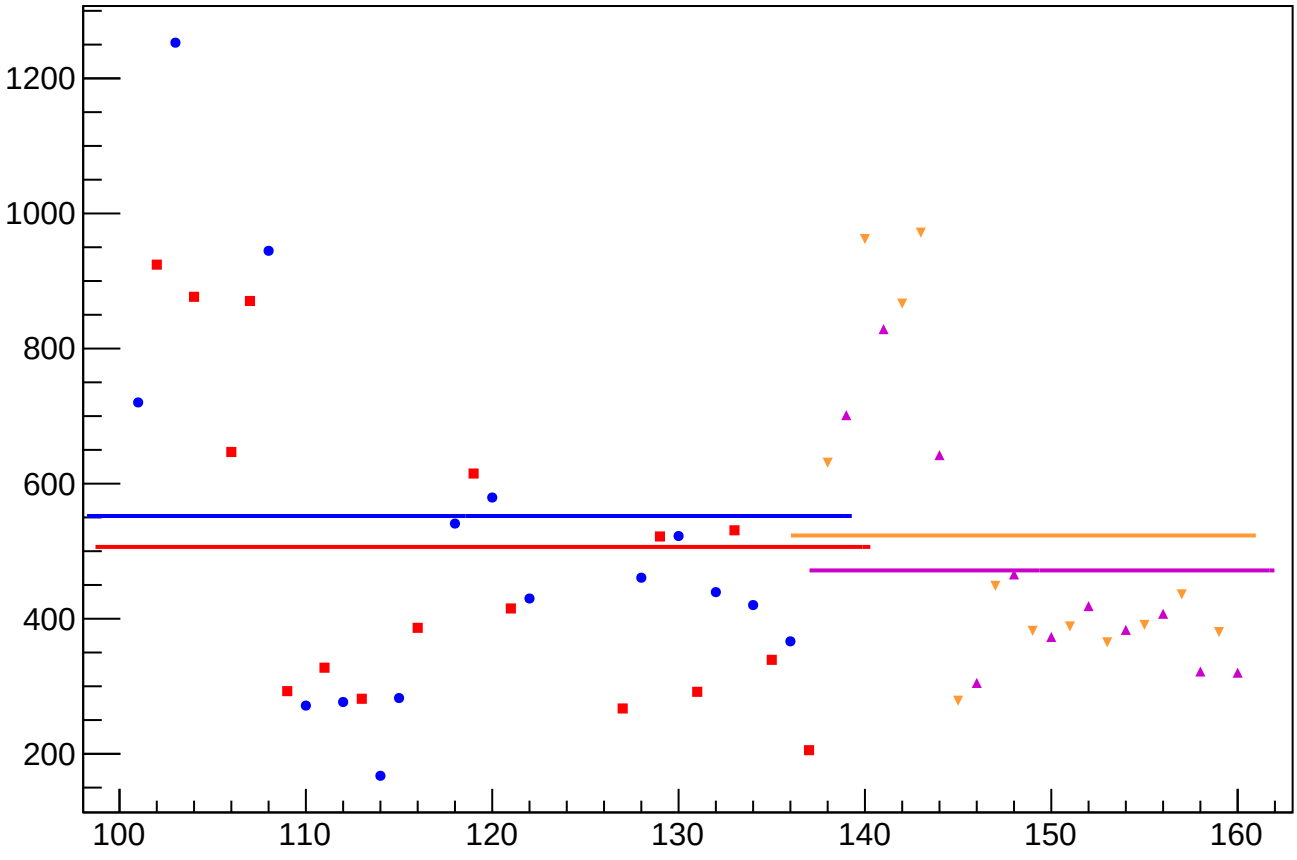
Left In: 3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10

+ sign 3467.491+/-0.000 χ^2/NDF: 19378330855592

All: 3439.103+/-0.000 χ^2/NDF: 3766643836

- sign 3411.160+/-0.000 χ^2/NDF: 18263065086829

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Left Out: 523.267+/-0.000 χ^2/NDF:4970286624499209741038683405949494886 4.0/11

Right Out: 506.345+/-0.000 χ^2/NDF: 3718165329731488350165913180601057 2800.0/15

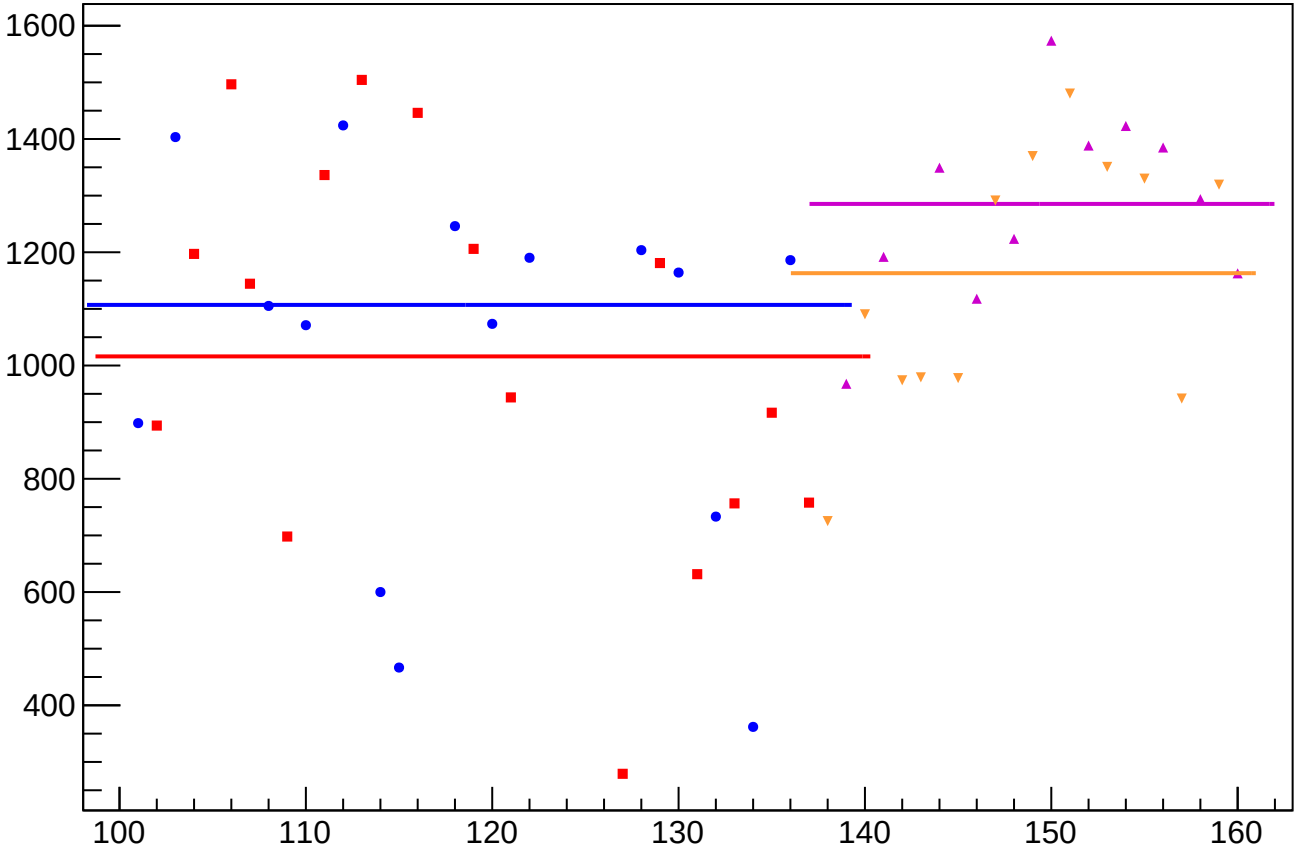
Left In: 471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316 0576.0/10

+ sign 535.220+/-0.000 χ^2/NDF: 10075802716663 1

All: 510.481+/-0.000 χ^2/NDF: 16599154252 4

- sign 486.131+/-0.000 χ^2/NDF: 633318102977421

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

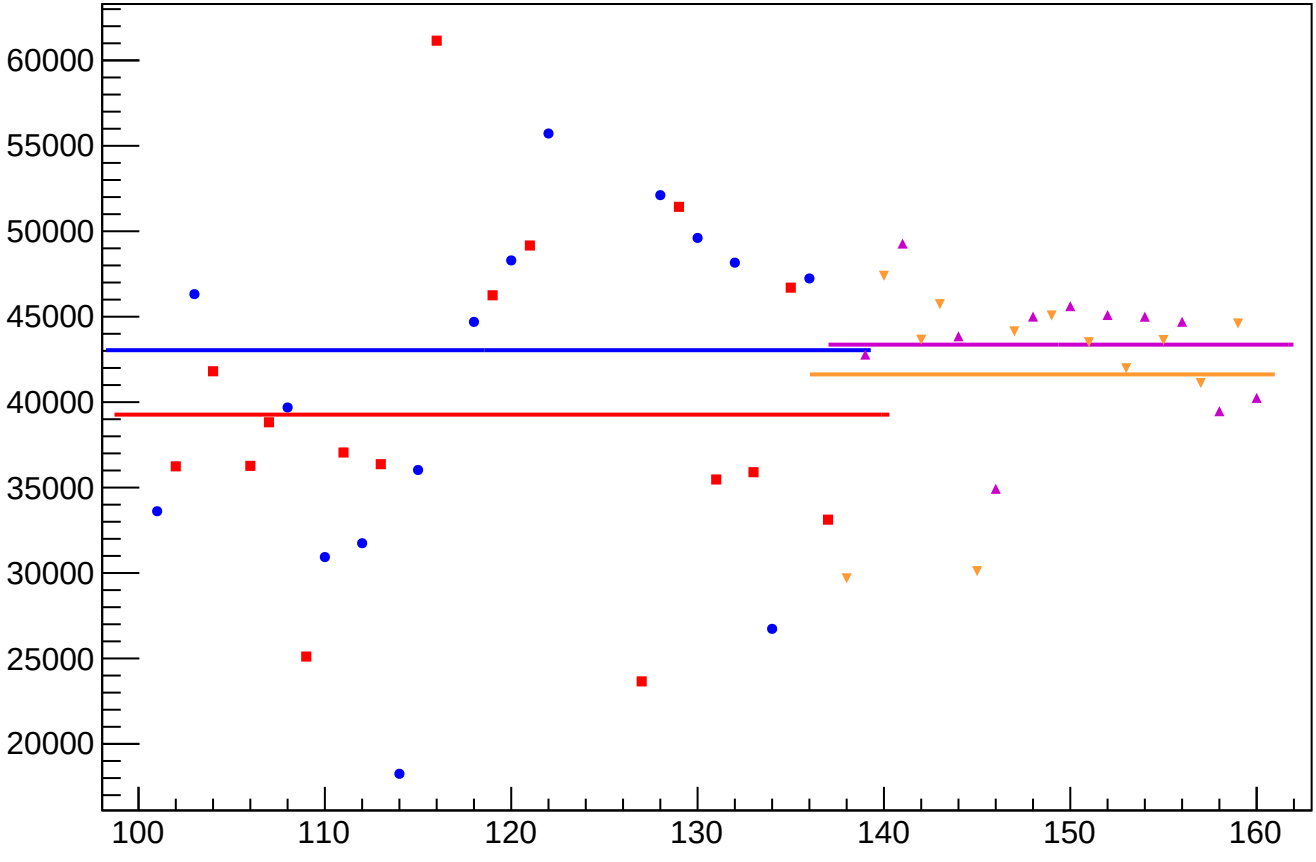
Left In: 1285.364+/-0.000 χ^2/NDF:240025728037323459597360480955148533 76.0/10

+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3

All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8

- sign 1172.482+/-0.000 χ^2/NDF: 12465444911625

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF: 4839705292256172265266678640755217950310 4.0/14

+ sign 42209.998+/-0.000 χ^2/NDF: 7788886231036

Left Out: 41622.622+/-0.000 χ^2/NDF:2872841439772233900337755250428853249638 4.0/11

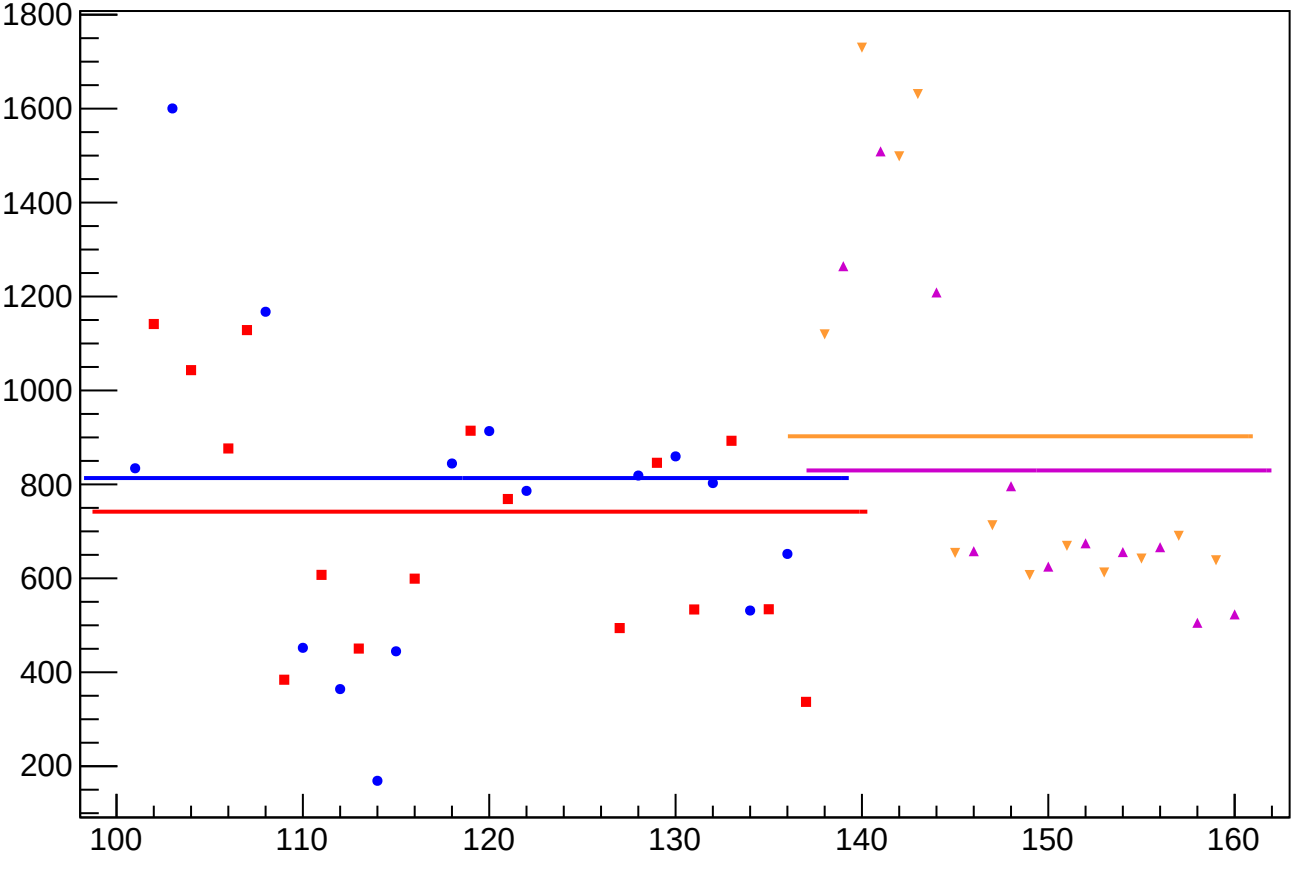
All: 41926.784+/-0.000 χ^2/NDF: 1487175221

Right Out: 39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516736 0.0/15

- sign 41648.021+/-0.000 χ^2/NDF: 7057941602179

Left In: 43364.892+/-0.000 χ^2/NDF:1220969572368159224100018841495480251187 2.0/10

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Left Out: 902.421+/-0.000 χ^2/NDF:1527183260740364257606922814228151664 64.0/11

Right Out: 741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15

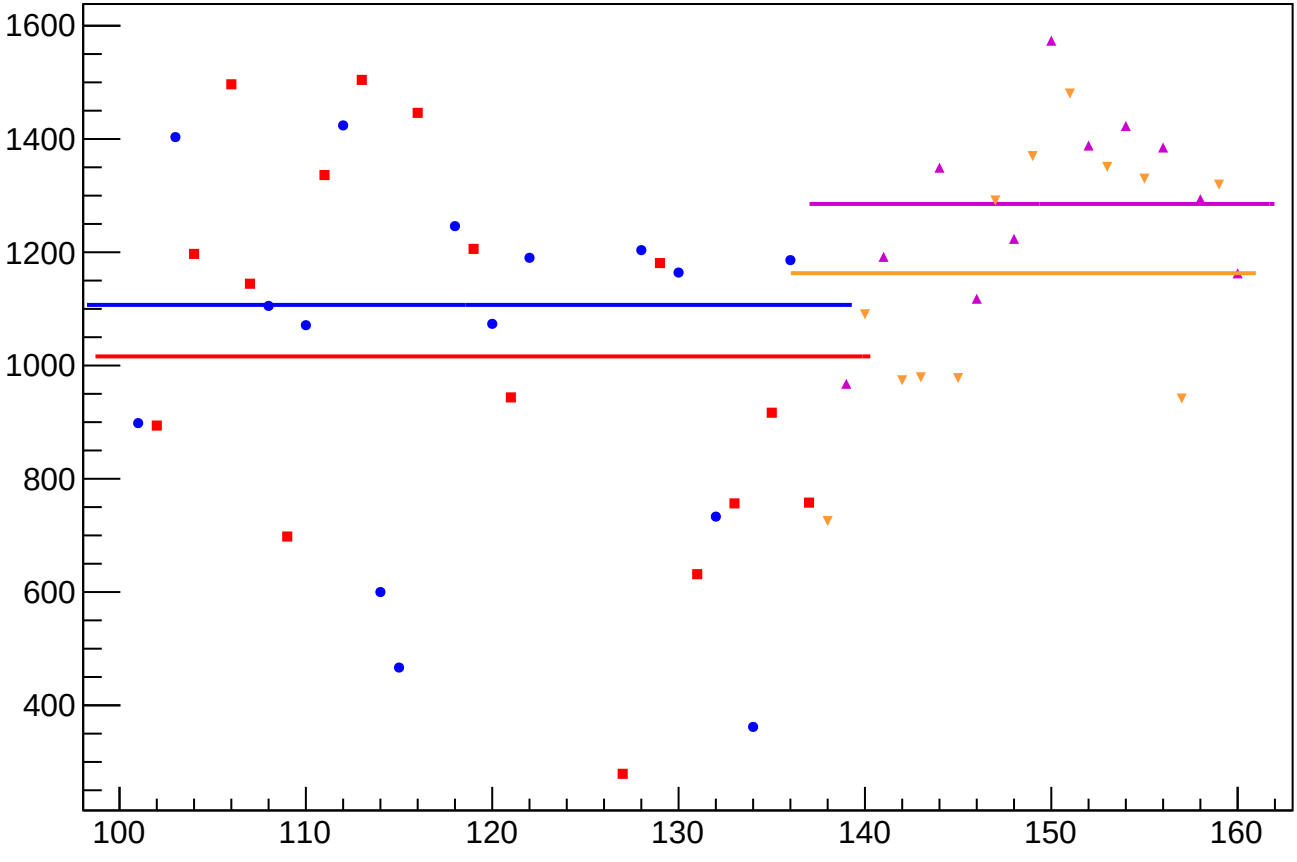
Left In: 829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10

+ sign 865.569+/-0.000 χ^2/NDF: 2228441282204 23

All: 828.949+/-0.000 χ^2/NDF: 3701496628 33

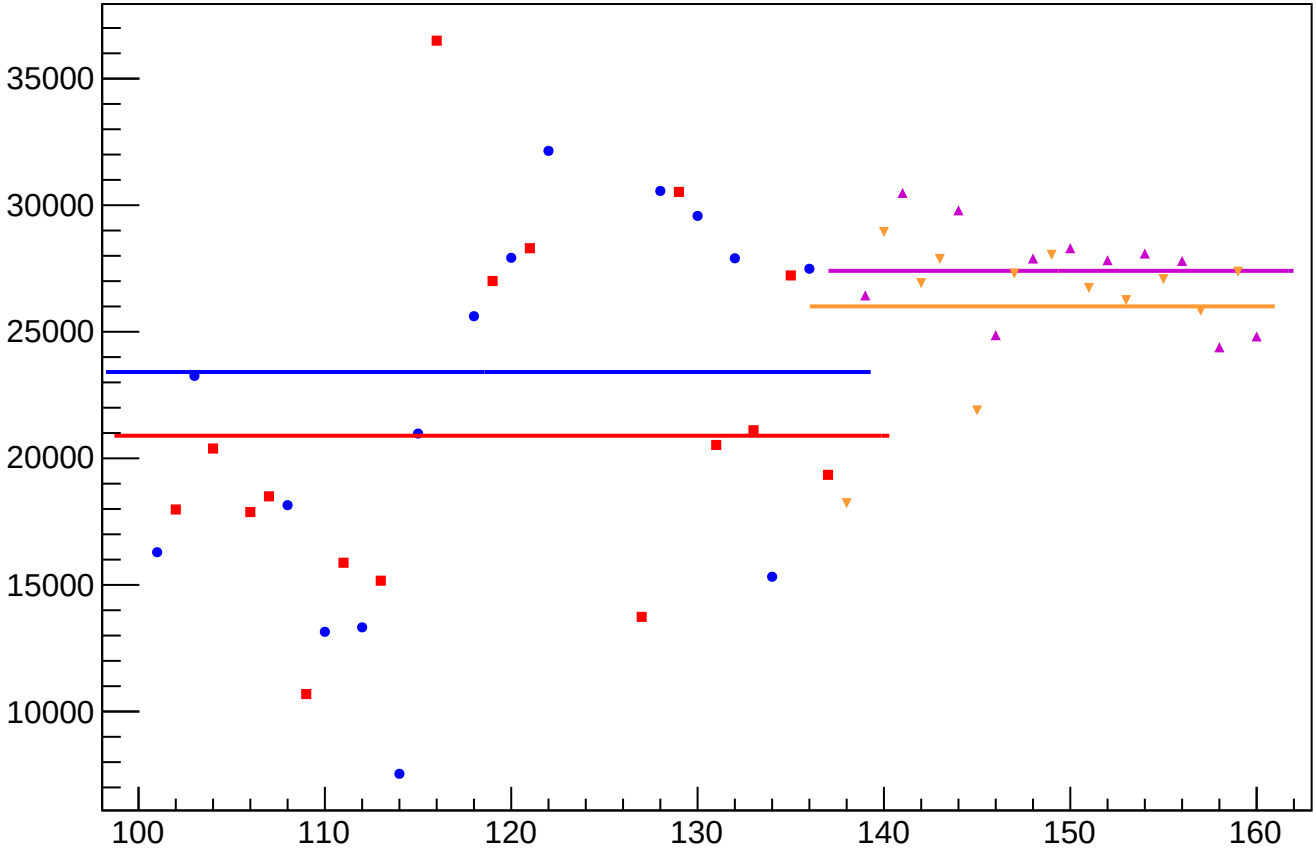
- sign 792.905+/-0.000 χ^2/NDF: 1431384508352 51

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8
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_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Left Out: 26004.082+/-0.000 χ^2/NDF:7839626408572155503333833682521065259008.0/11

Right Out: 20894.122+/-0.000 χ^2/NDF: 2740896580457864910700290940998721837 4656.0/15

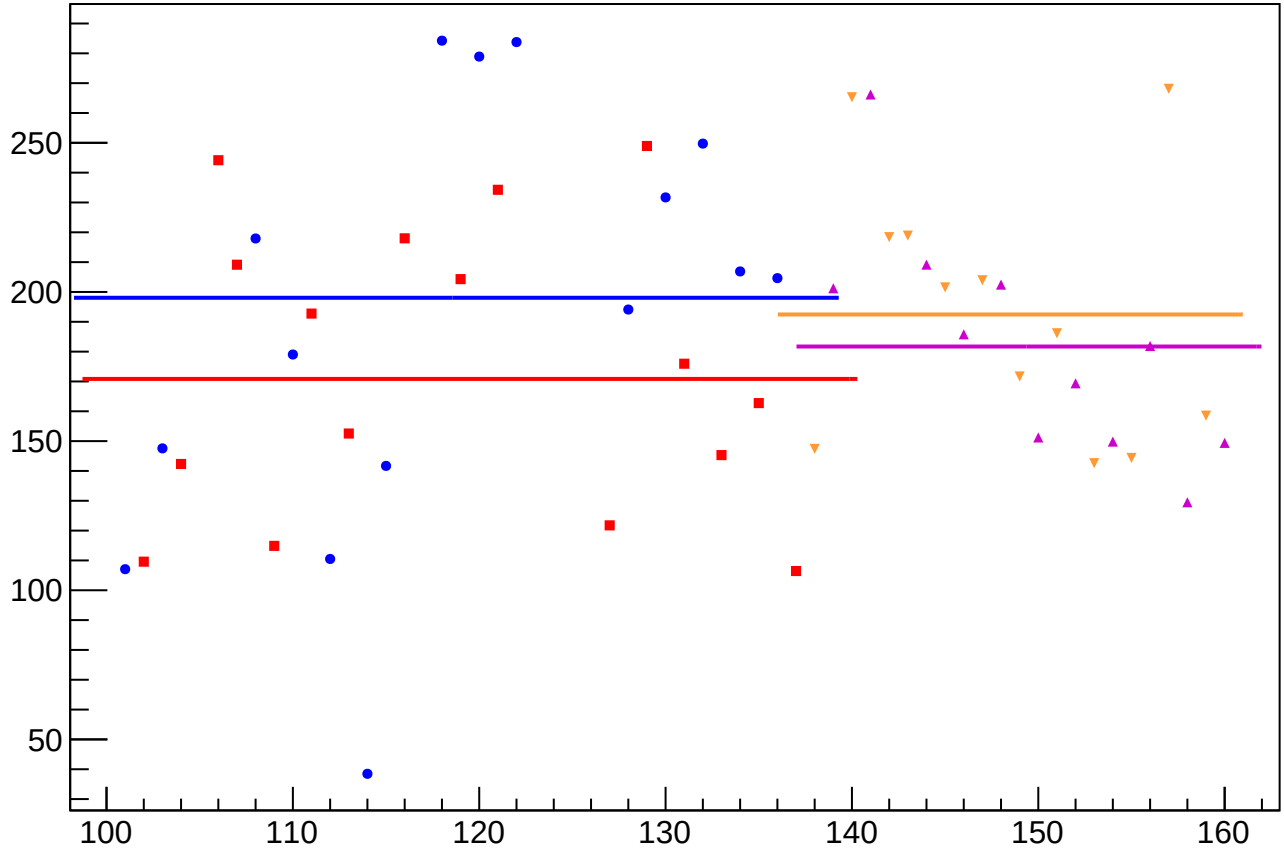
Left In: 27407.255+/-0.000 χ^2/NDF:3322659858866093858426557456838465421312.0/10

+ sign 24929.637+/-0.000 χ^2/NDF: 3882146204538

All: 24802.184+/-0.000 χ^2/NDF: 8603621147

- 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: 192.452+/-0.000 χ^2/NDF:1667687947841400069416399021327515648.0/11

Right Out: 170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

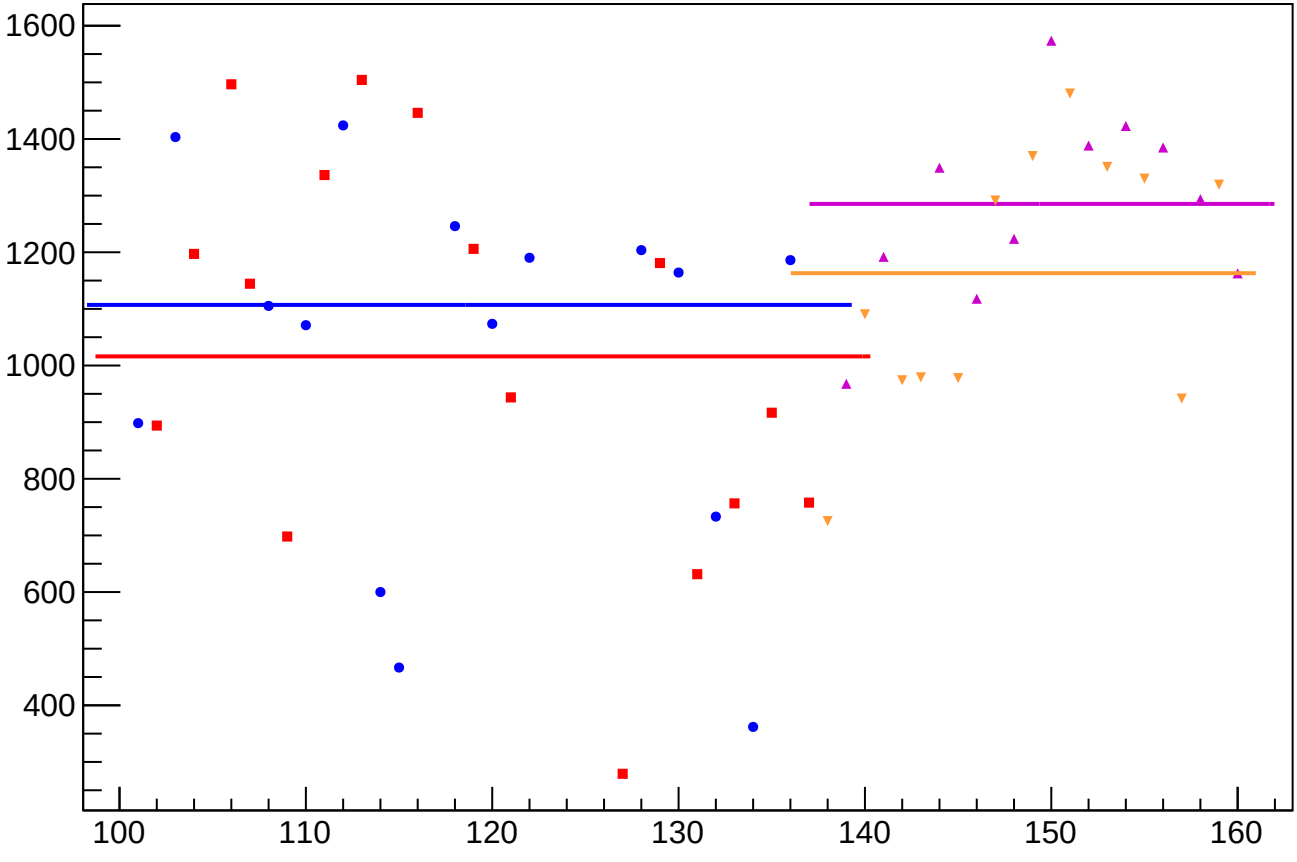
Left In: 181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

+ sign 194.774+/-0.000 χ^2/NDF: 416254991796562

All: 185.897+/-0.000 χ^2/NDF: 710000262068

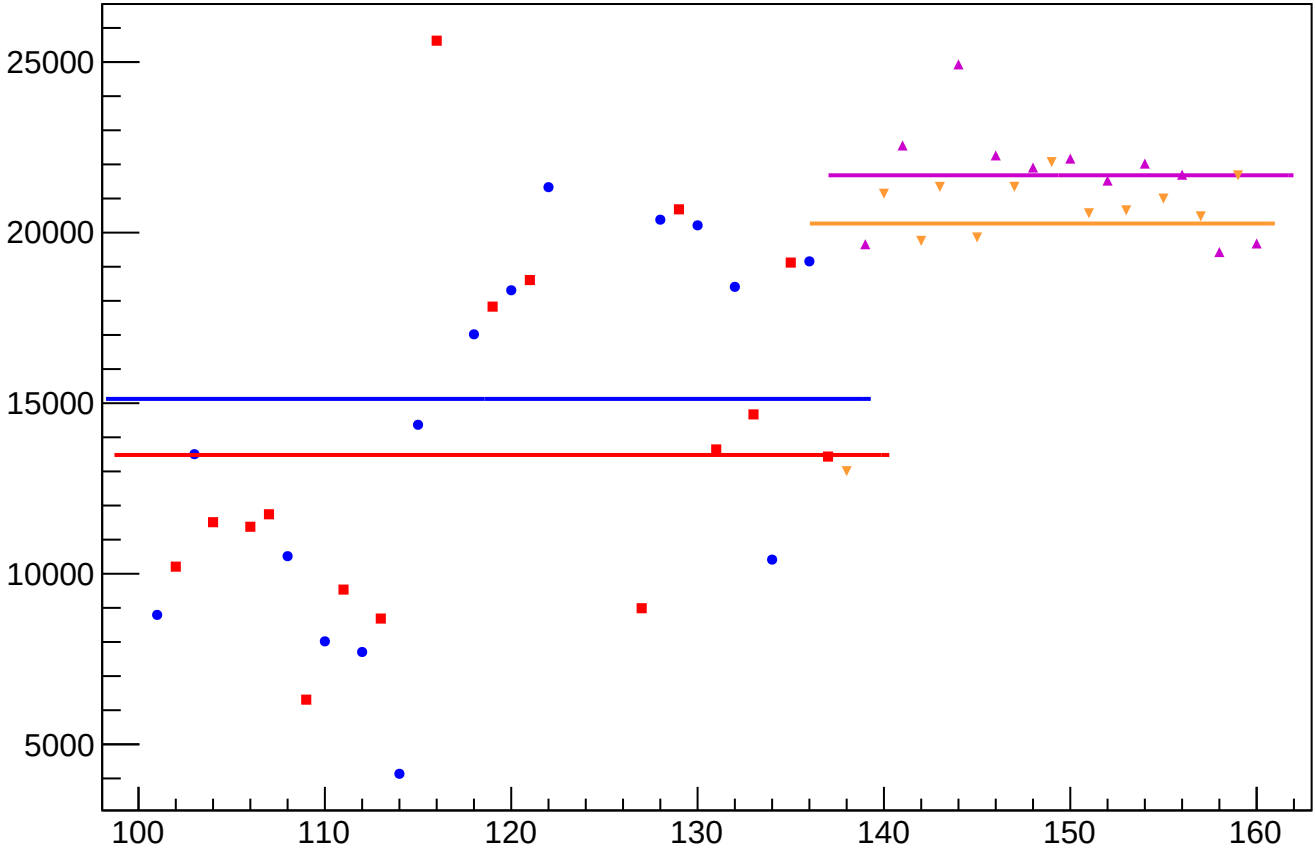
- sign 177.159+/-0.000 χ^2/NDF: 269255092186089

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3
Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11
All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8
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_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Left Out: 20266.540+/-0.000 χ^2/NDF:486366022475247073917224269545411182592 0.0/11

Right Out: 13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

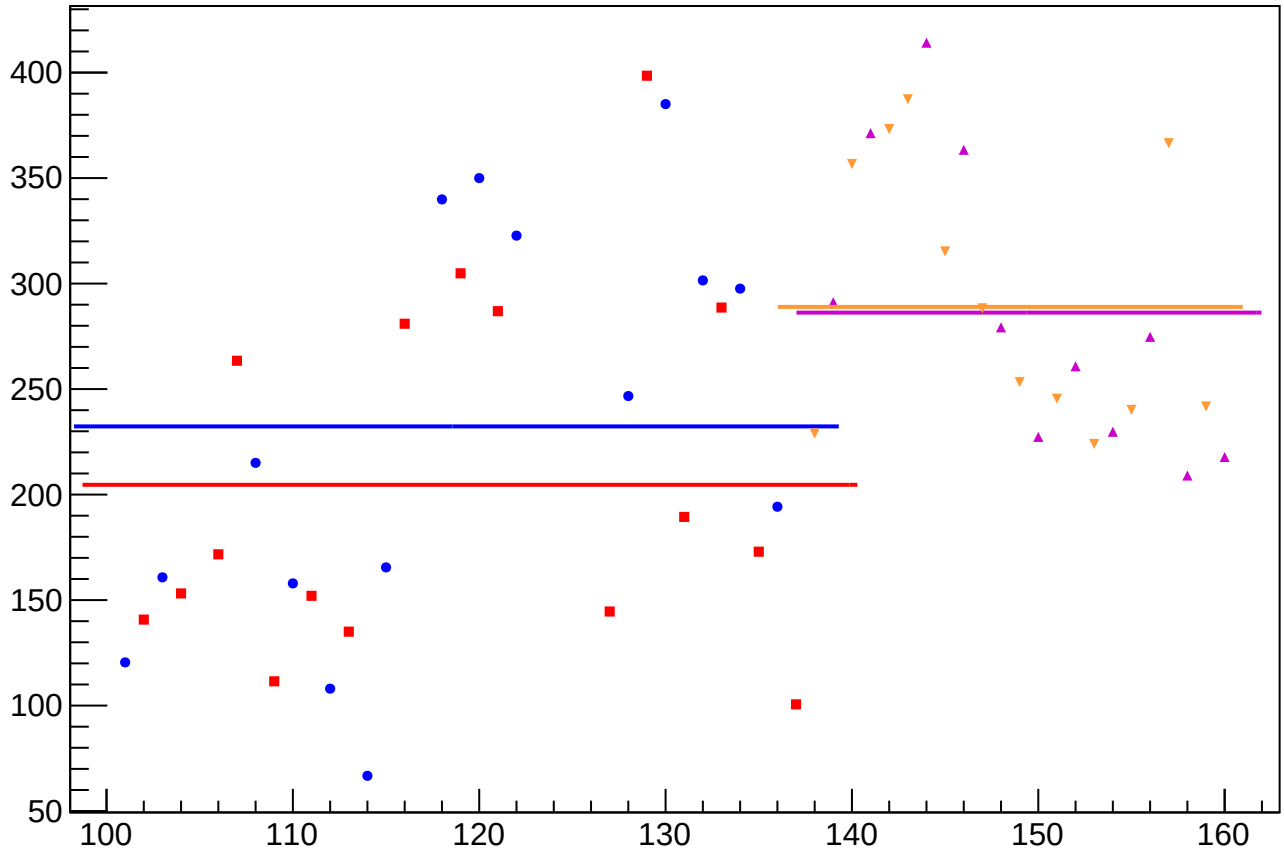
Left In: 21681.241+/-0.000 χ^2/NDF:2108874573649202621711530332866310307840.0/10

+ sign 18136.069+/-0.000 χ^2/NDF: 3152220068910

All: 18190.436+/-0.000 χ^2/NDF: 7559116813

- sign 18243.949+/-0.000 χ^2/NDF: 4405978256455

dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Left Out: 288.949+/-0.000 χ^2/NDF:3144080021405635930356092886432350208.0/11

Right Out: 204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

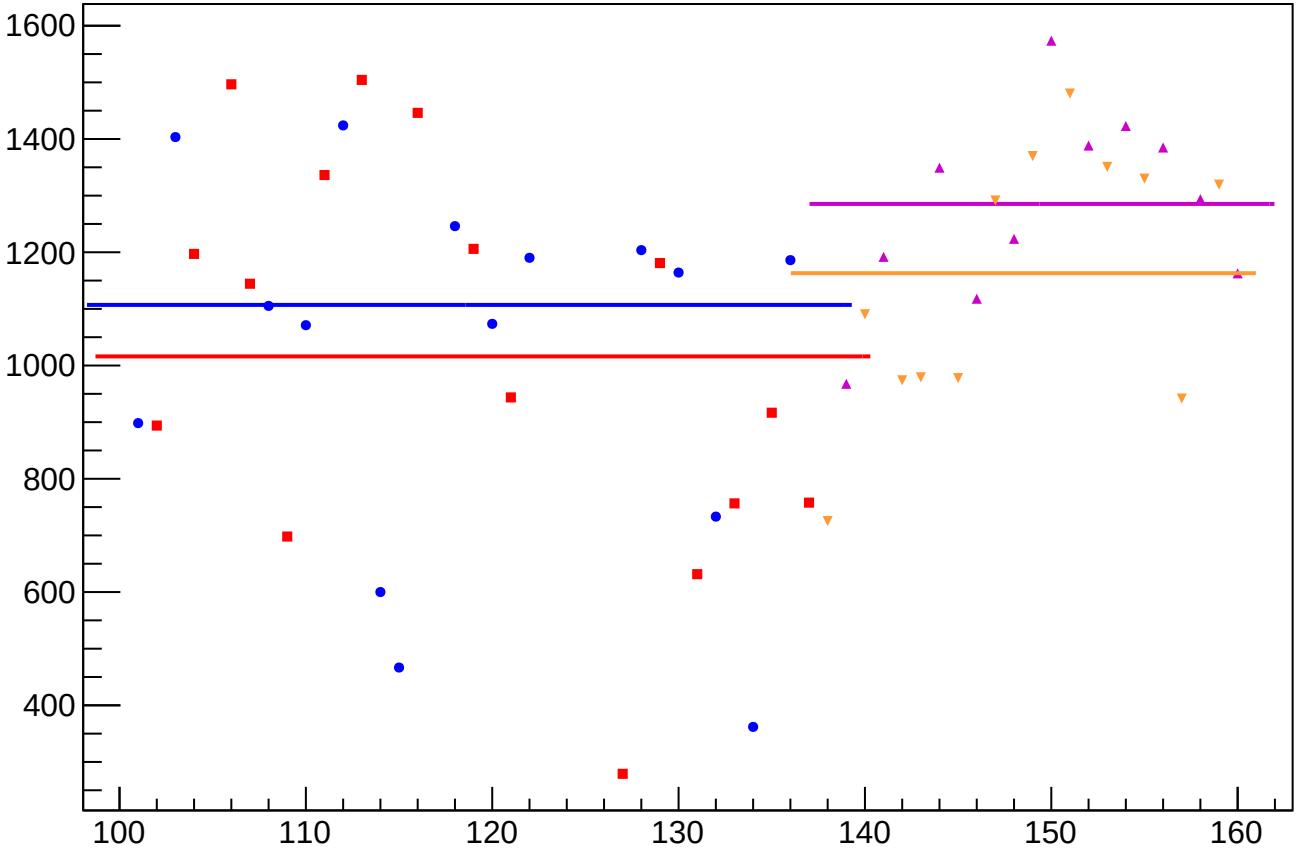
Left In: 286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

+ sign 265.477+/-0.000 χ^2/NDF: 984130462925206

All: 258.702+/-0.000 χ^2/NDF: 21186037696

- sign 252.033+/-0.000 χ^2/NDF: 112020972383493

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

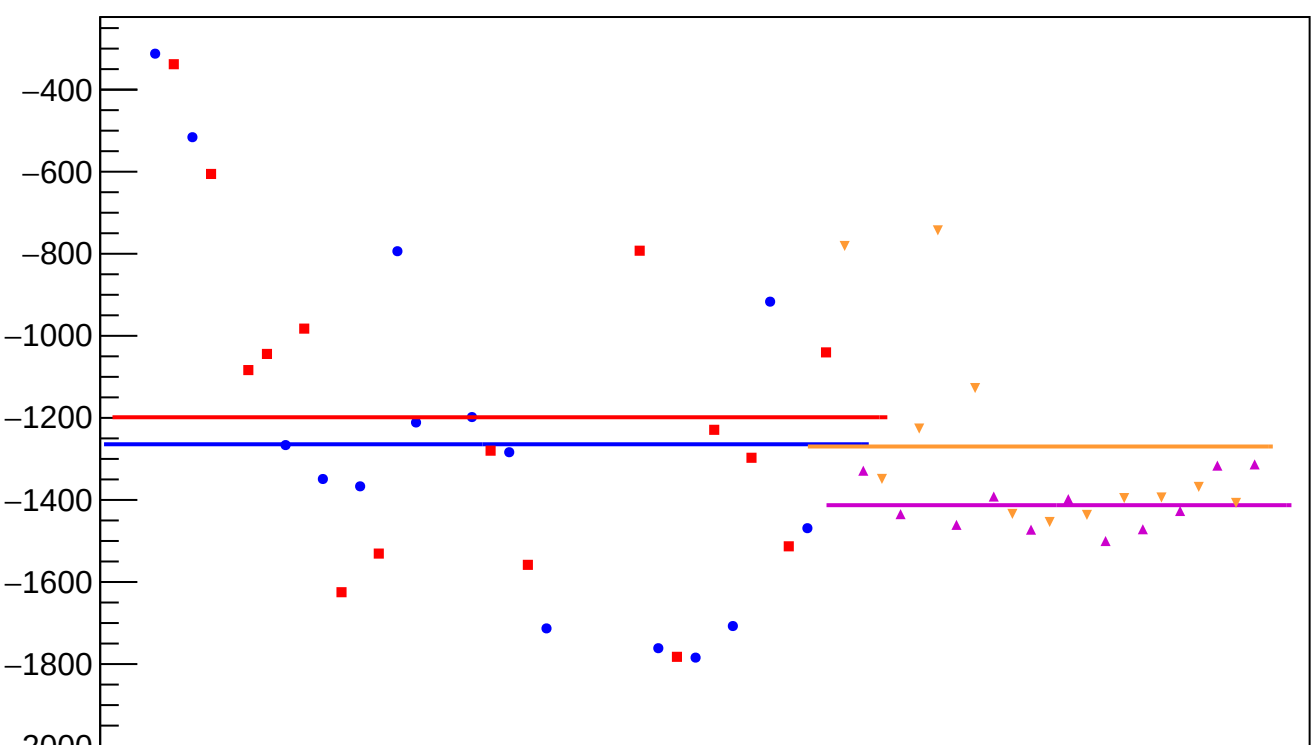
Left In: 1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3

All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8

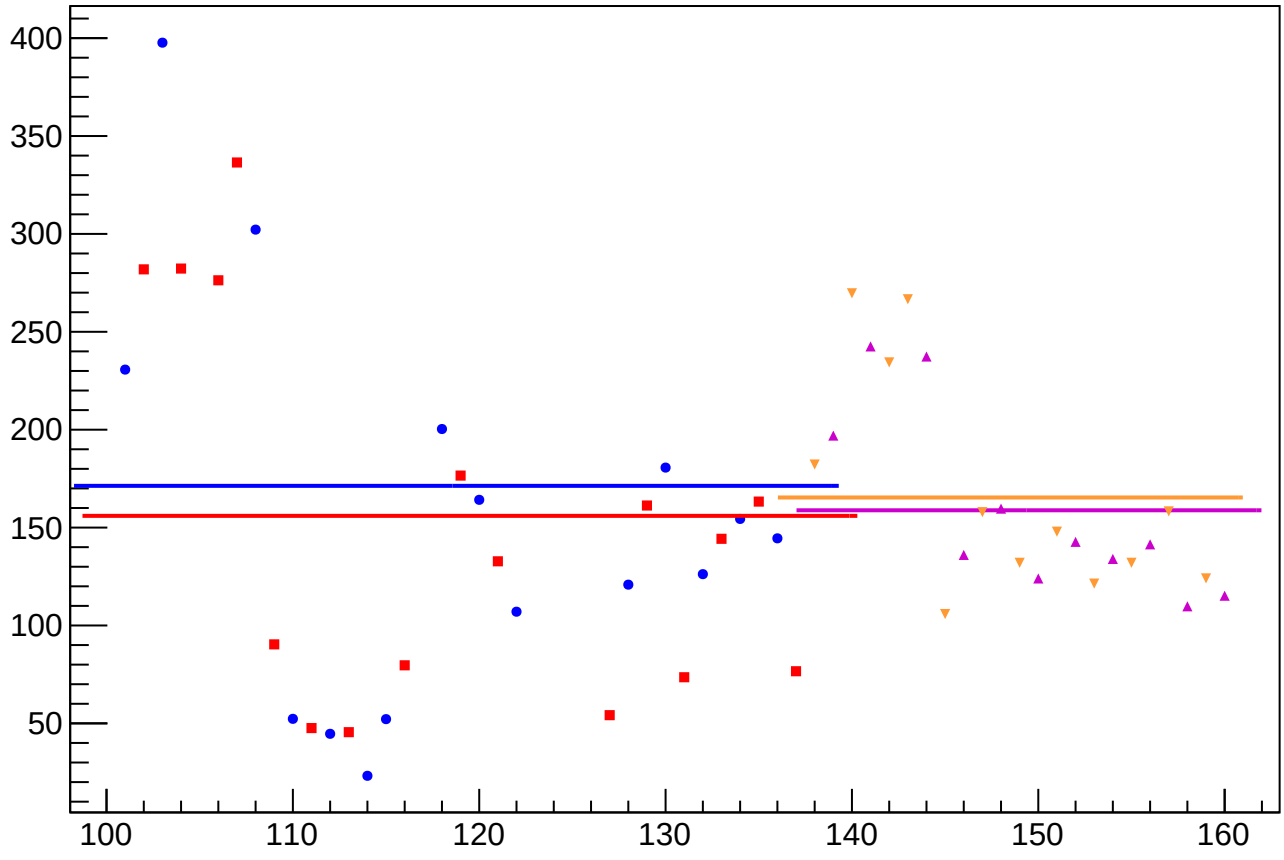
- sign 1172.482+/-0.000 χ^2/NDF: 1246544491162 5

dit_sam7_coil4_mean vs Slug



Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
+ sign -1267.489+/-0.000 χ^2/NDF: 1916376137818
Left Out: -1269.744+/-0.000 χ^2/NDF:5141110974922071048895626105563434188 8.0/11
All: -1295.431+/-0.000 χ^2/NDF: 3466594054
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: 165.375+/-0.000 χ^2/NDF:262233535117478580327927127628106956 8.0/11

Right Out: 155.993+/-0.000 χ^2/NDF: 568065928150459585202152472724478361 6.0/15

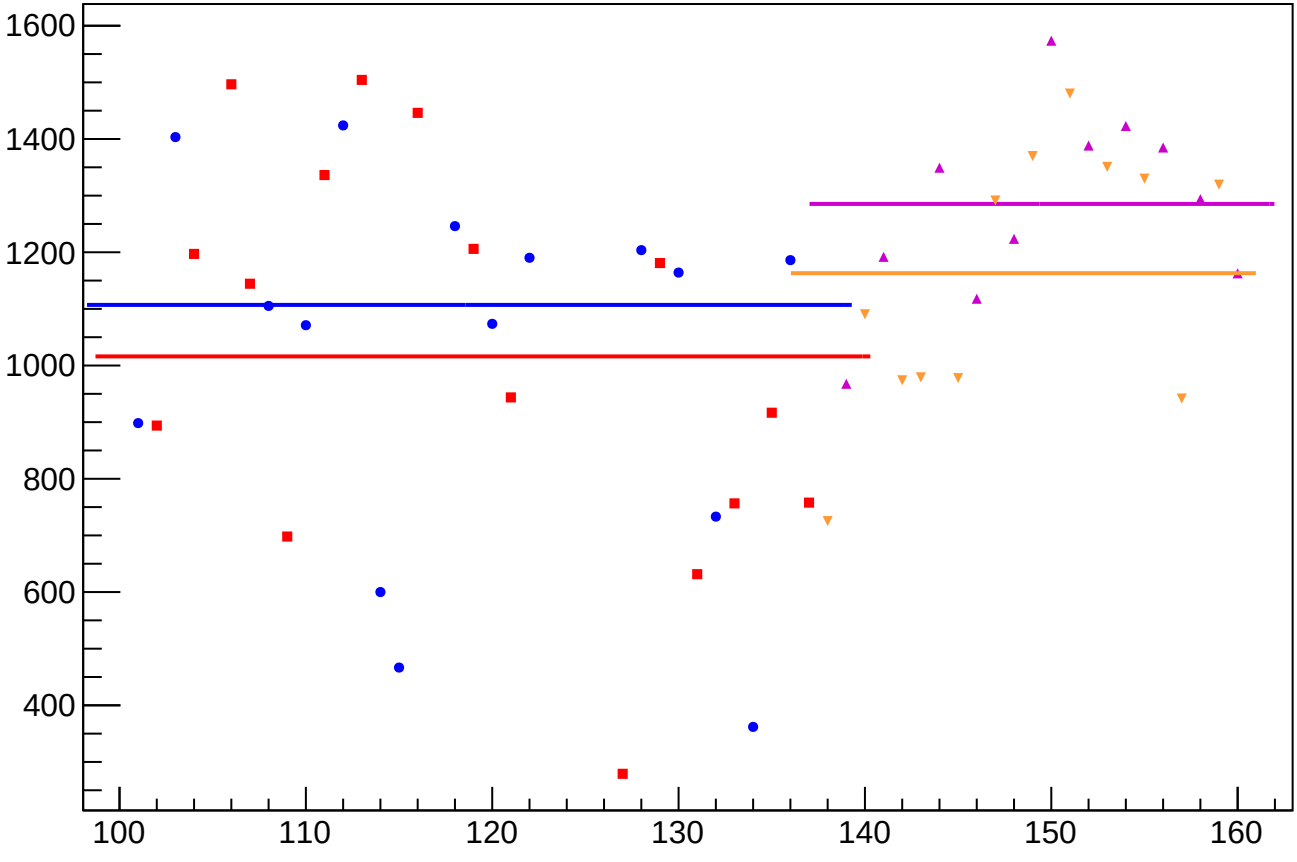
Left In: 158.834+/-0.000 χ^2/NDF:185331089566825658652041298173965107 2.0/10

+ sign 167.840+/-0.000 χ^2/NDF: 875675526414248

All: 162.701+/-0.000 χ^2/NDF: 16375906159 8

- 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: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

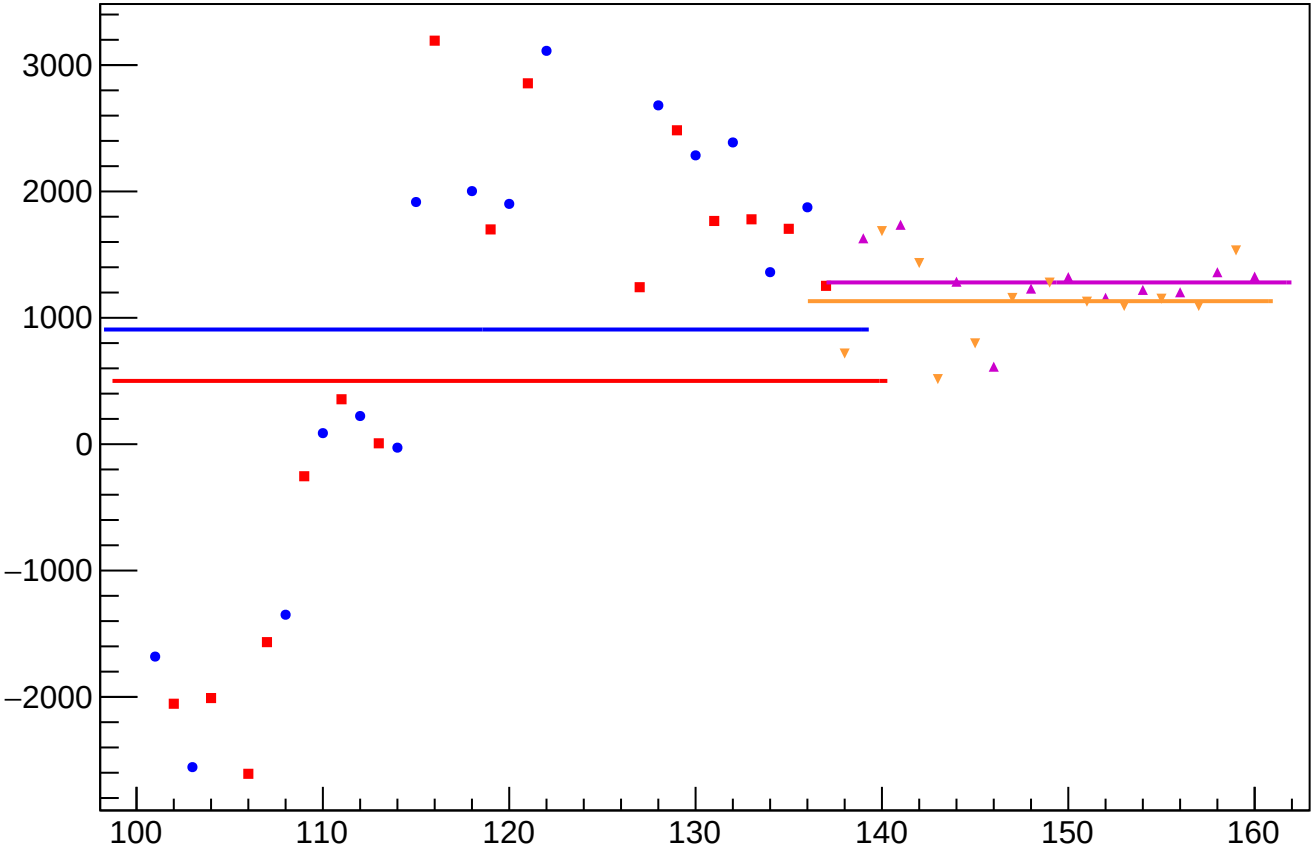
Left In: 1285.364+/-0.000 χ^2/NDF:240025728037323459597360480955148533 76.0/10

+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3

All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8

- sign 1172.482+/-0.000 χ^2/NDF: 12465444911625

dit_sam8_coil4_mean vs Slug



Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Left Out: 1131.794+/-0.000 χ^2/NDF:9232746431894252930207975420498385305 6.0/11

Right Out: 500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

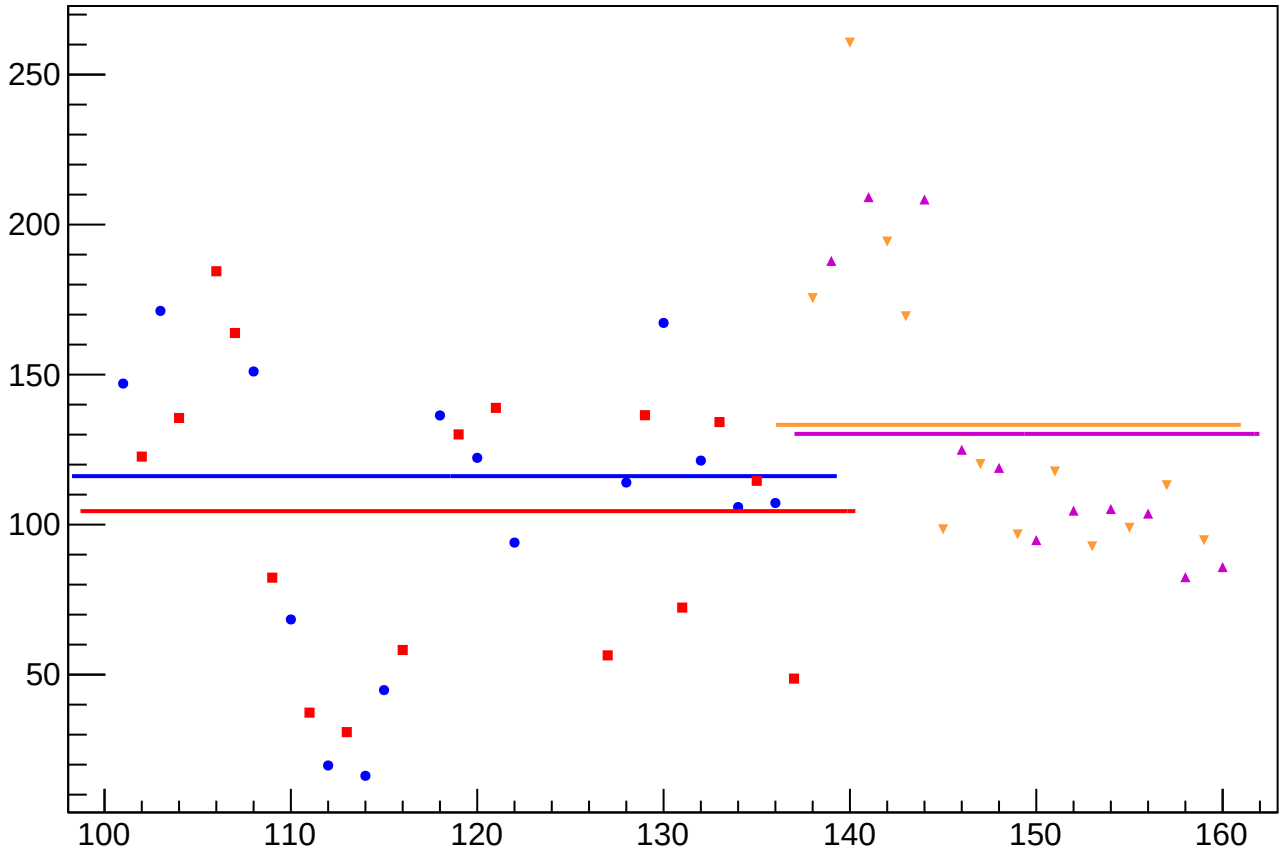
Left In: 1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

+ sign 1038.815+/-0.000 χ^2/NDF: 2218694130274 1

All: 995.711+/-0.000 χ^2/NDF: 4601550532 68

- sign 953.284+/-0.000 χ^2/NDF: 237708288217536

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Left Out: 133.258+/-0.000 χ^2/NDF:235551069930953917249044474434997452 8.0/11

Right Out: 104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

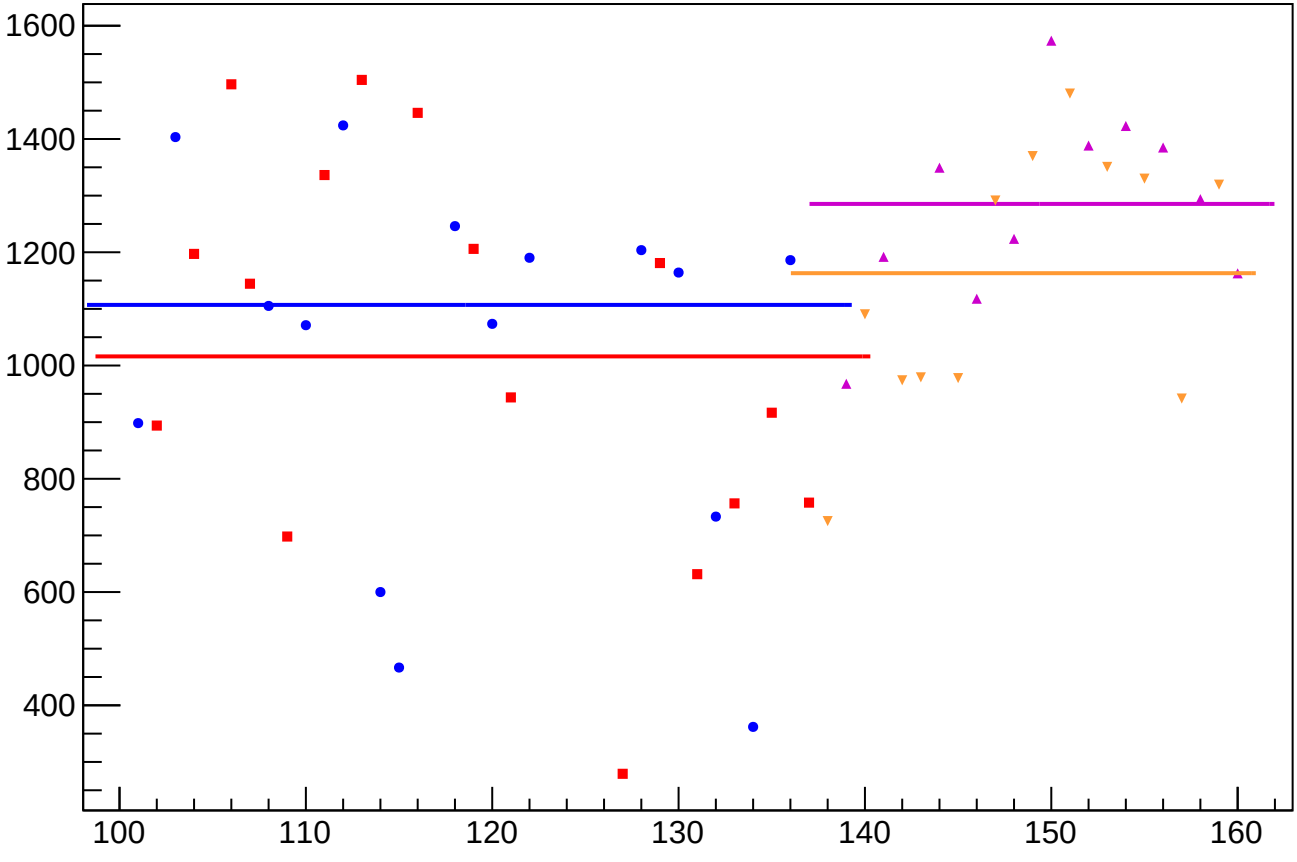
Left In: 130.237+/-0.000 χ^2/NDF:196881425921747866357605448323117875 2.0/10

+ sign 126.172+/-0.000 χ^2/NDF: 366514873637822

All: 122.783+/-0.000 χ^2/NDF: 72122109713 8

- 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: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

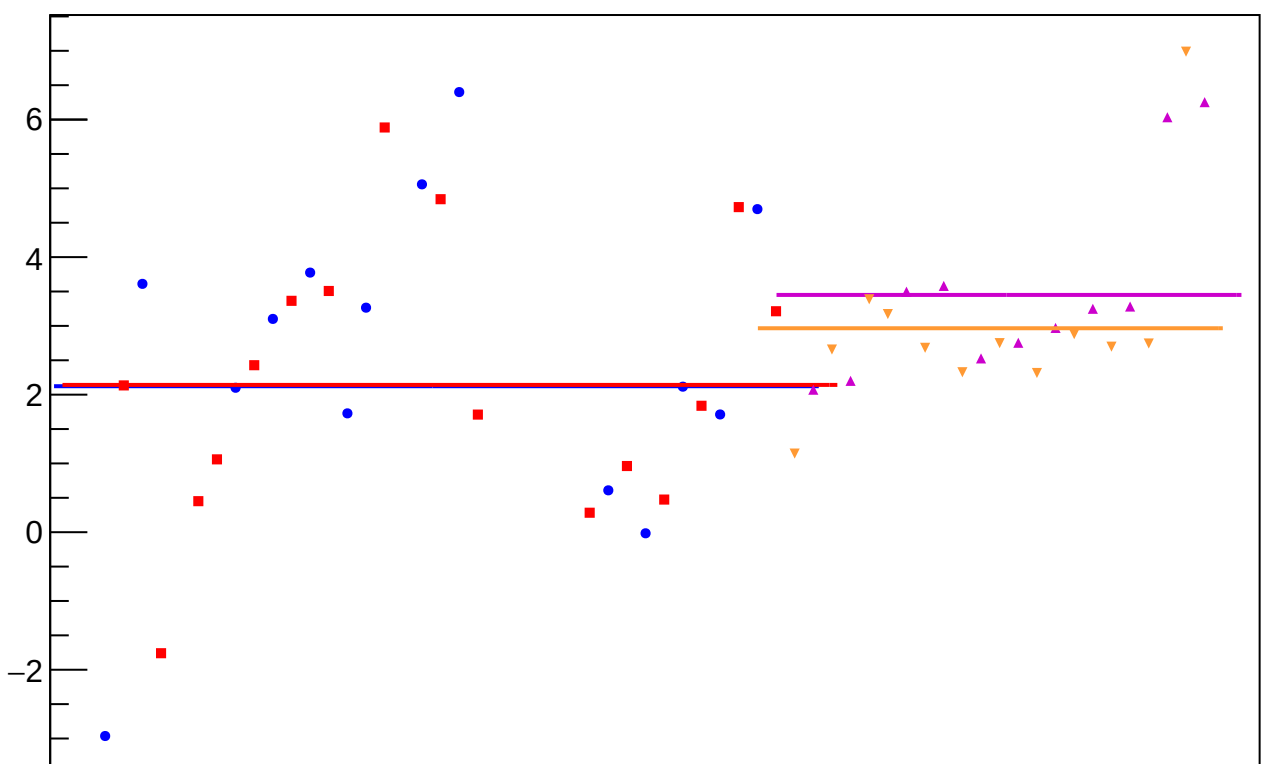
Left In: 1285.364+/-0.000 χ^2/NDF:240025728037323459597360480955148533 76.0/10

+ sign 1139.844+/-0.000 χ^2/NDF: 8757033804486 3

All: 1156.292+/-0.000 χ^2/NDF: 2130655019 8

- sign 1172.482+/-0.000 χ^2/NDF: 12465444911625

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

Left Out: 2.966+/-0.000 χ^2/NDF:1657147599544170270871306245242880.0/11

Right Out: 2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15

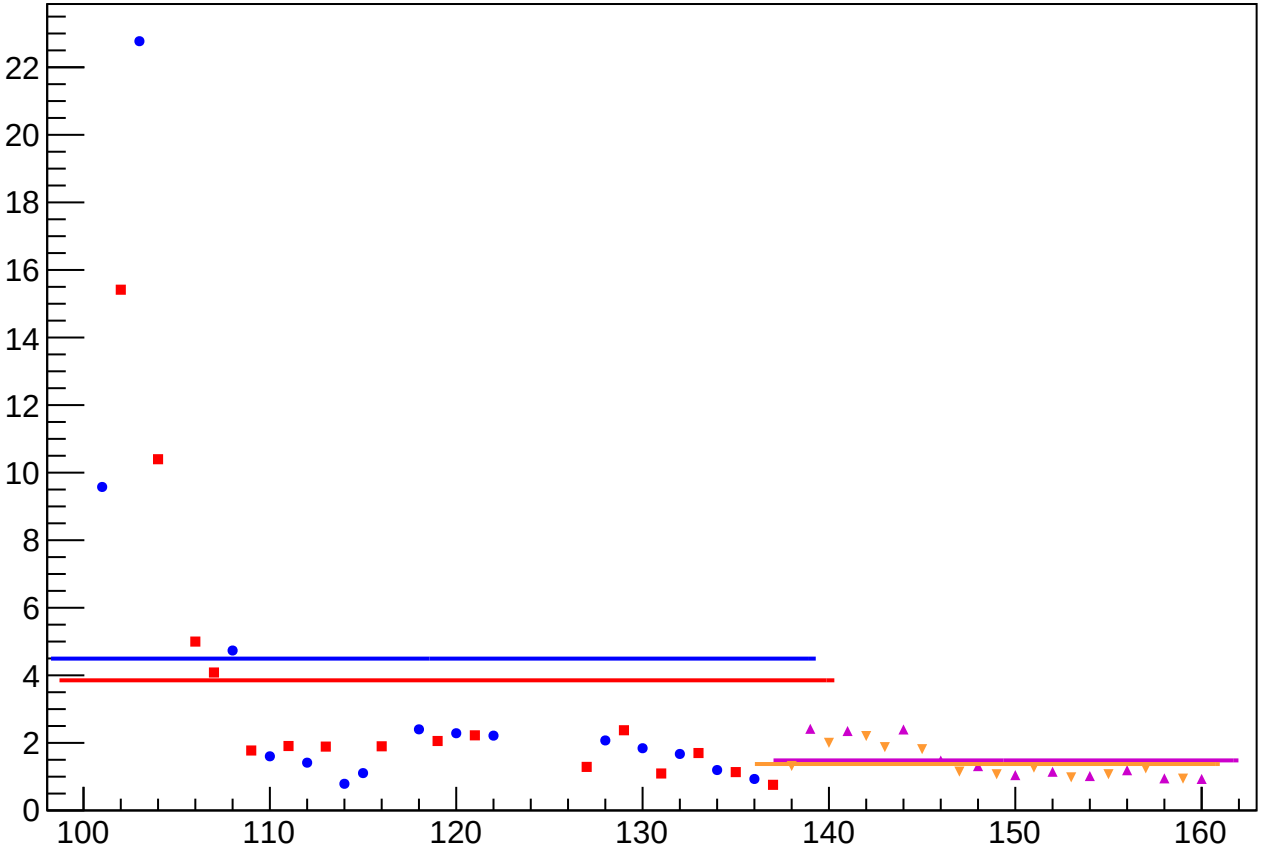
Left In: 3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10

+ sign 2.616+/-0.000 χ^2/NDF: 7190788922017080 7

All: 2.760+/-0.000 χ^2/NDF: 1194321742092 1

- 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: 25270242219816061532329198634401792.0/14

+ sign 2.668+/-0.000 χ^2/NDF: 2911658258177645

Left Out: 1.375+/-0.000 χ^2/NDF:1458241370571230983290321486479 36.0/11

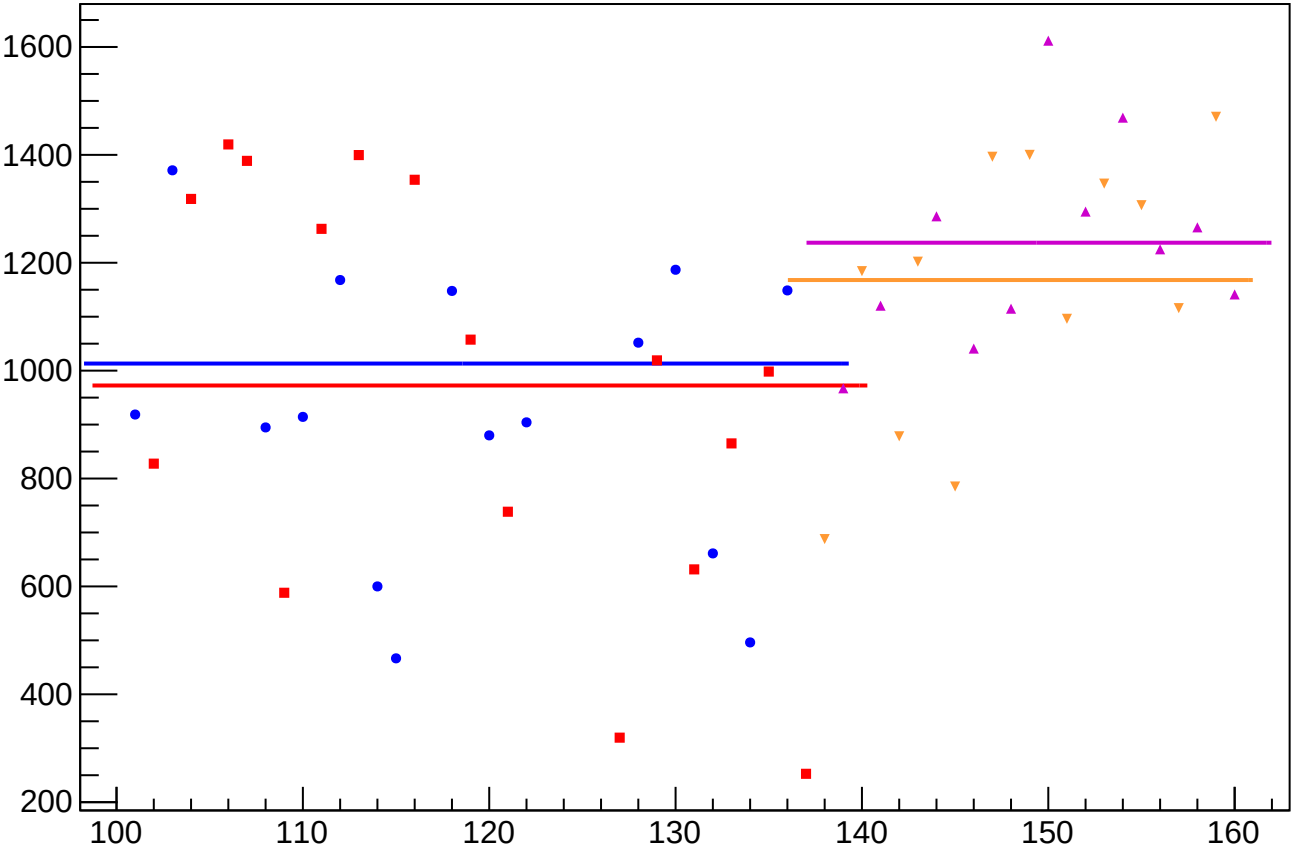
All: 2.571+/-0.000 χ^2/NDF: 4394817655666

Right Out: 3.852+/-0.000 χ^2/NDF: 12314971476556806550518847638601728.0/15

- sign 2.476+/-0.000 χ^2/NDF: 14802405912641910

Left In: 1.482+/-0.000 χ^2/NDF:3103377104757794957745094058 31168.0/10

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

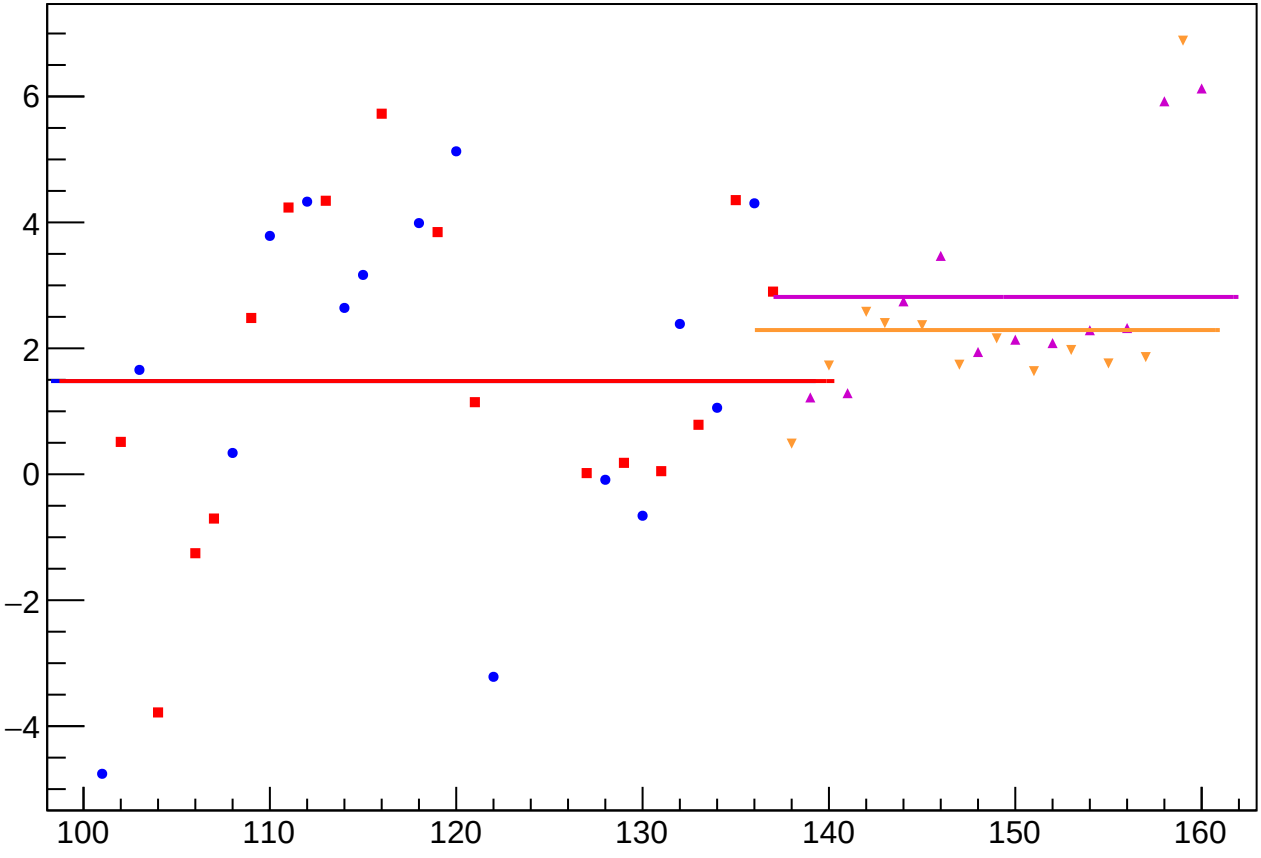
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Left Out: 2.290+/-0.000 χ^2/NDF:2078203934623339407466741505196032.0/11

Right Out: 1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

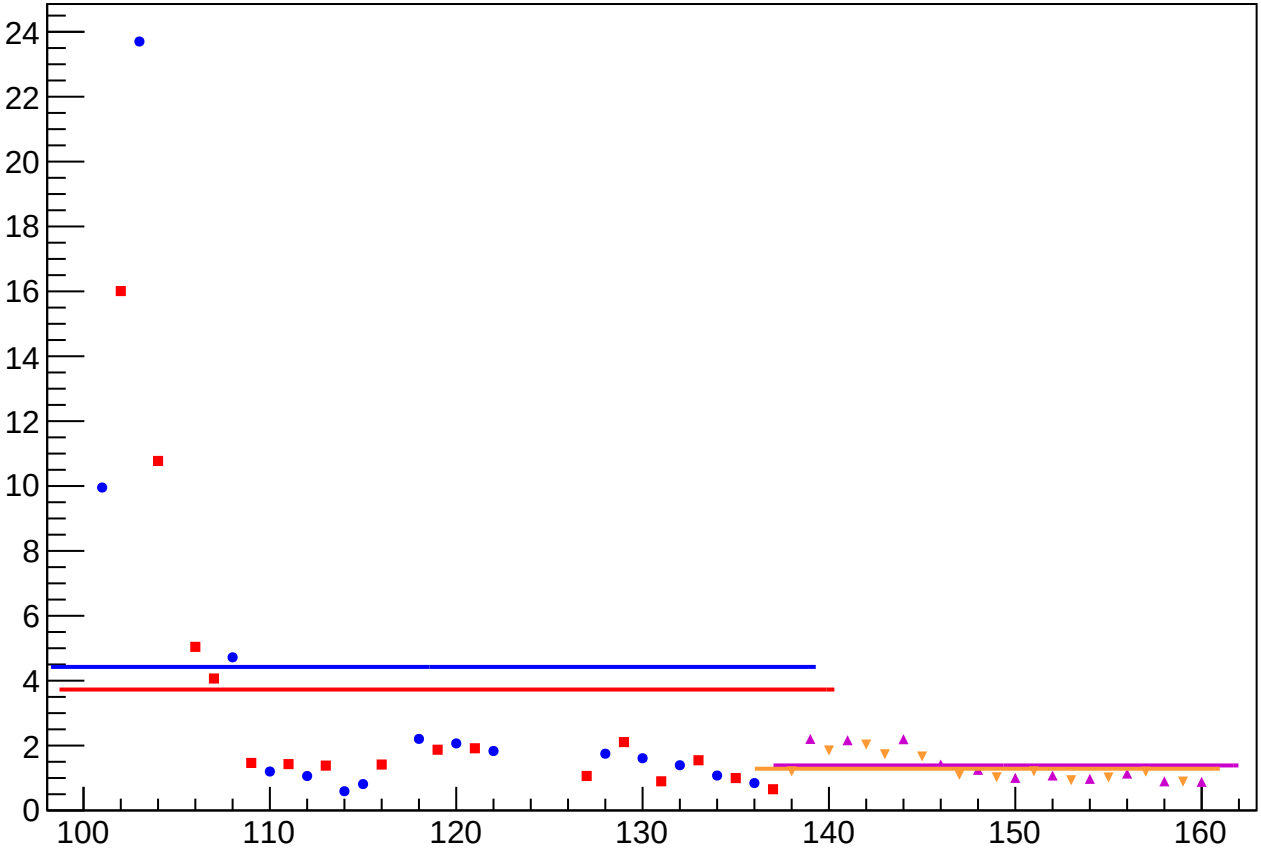
Left In: 2.816+/-0.000 χ^2/NDF:223079023457958178188476021945139 2.0/10

+ sign 1.955+/-0.000 χ^2/NDF: 8127503128430705 8

All: 2.107+/-0.000 χ^2/NDF: 1521424782145 0

- 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 2.587+/-0.000 χ^2/NDF: 32115021501511057

Left Out: 1.287+/-0.000 χ^2/NDF:1155727104259745420148263553597 44.0/11

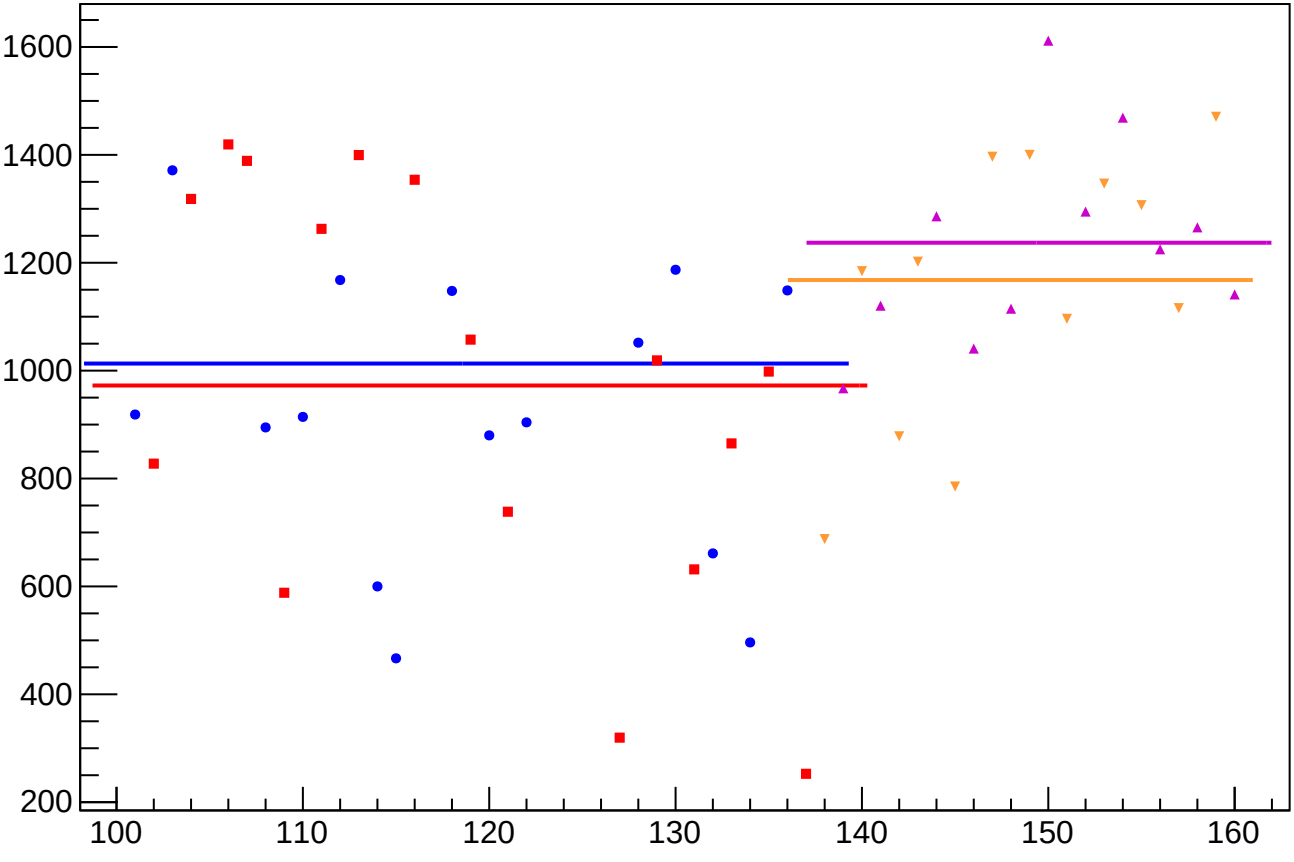
All: 2.477+/-0.000 χ^2/NDF: 4851082631386

Right Out: 3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

- sign 2.368+/-0.000 χ^2/NDF: 16358007863357496

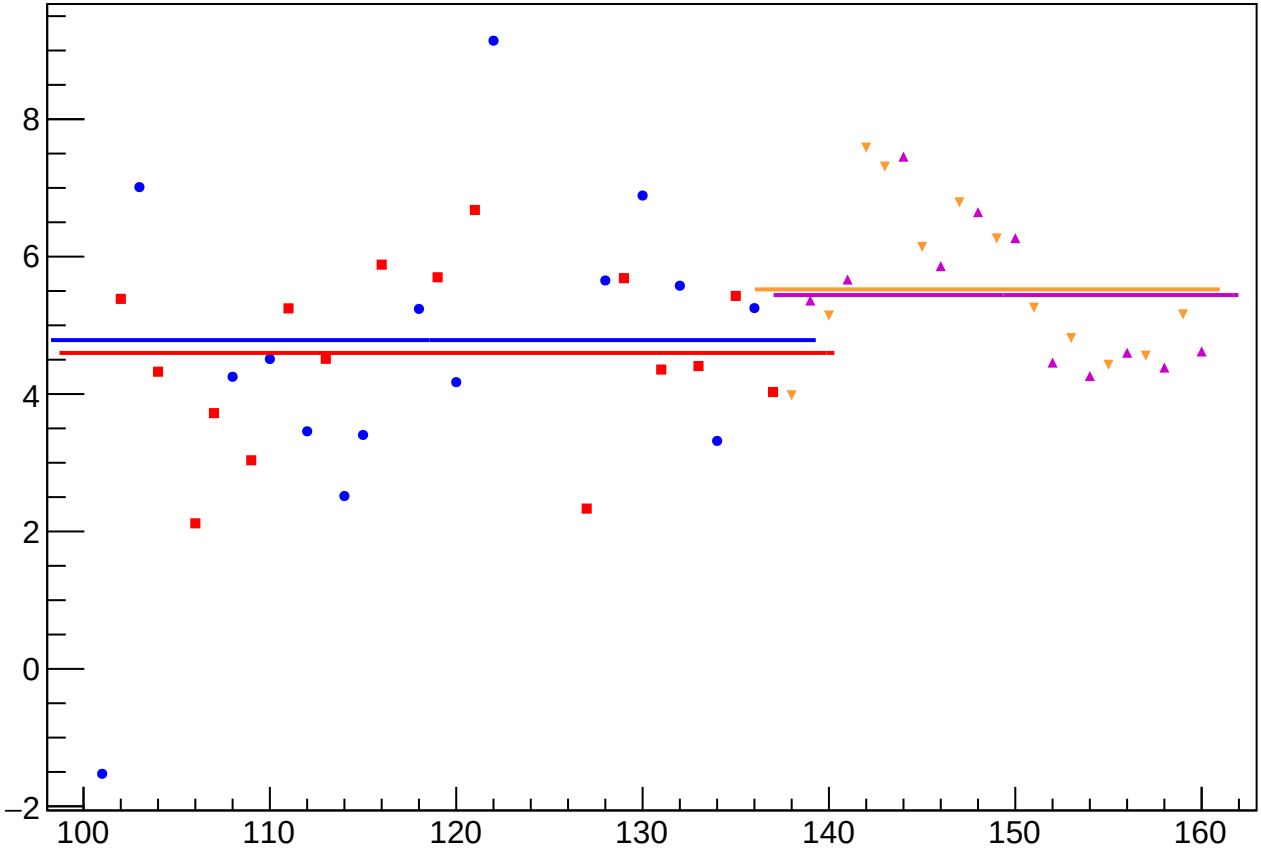
Left In: 1.387+/-0.000 χ^2/NDF:2453812059137343689478295613603 84.0/10

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272
Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11
All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6
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_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14

Left Out: 5.524+/-0.000 χ^2/NDF:10379213257961414199003092751482 88.0/11

Right Out: 4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15

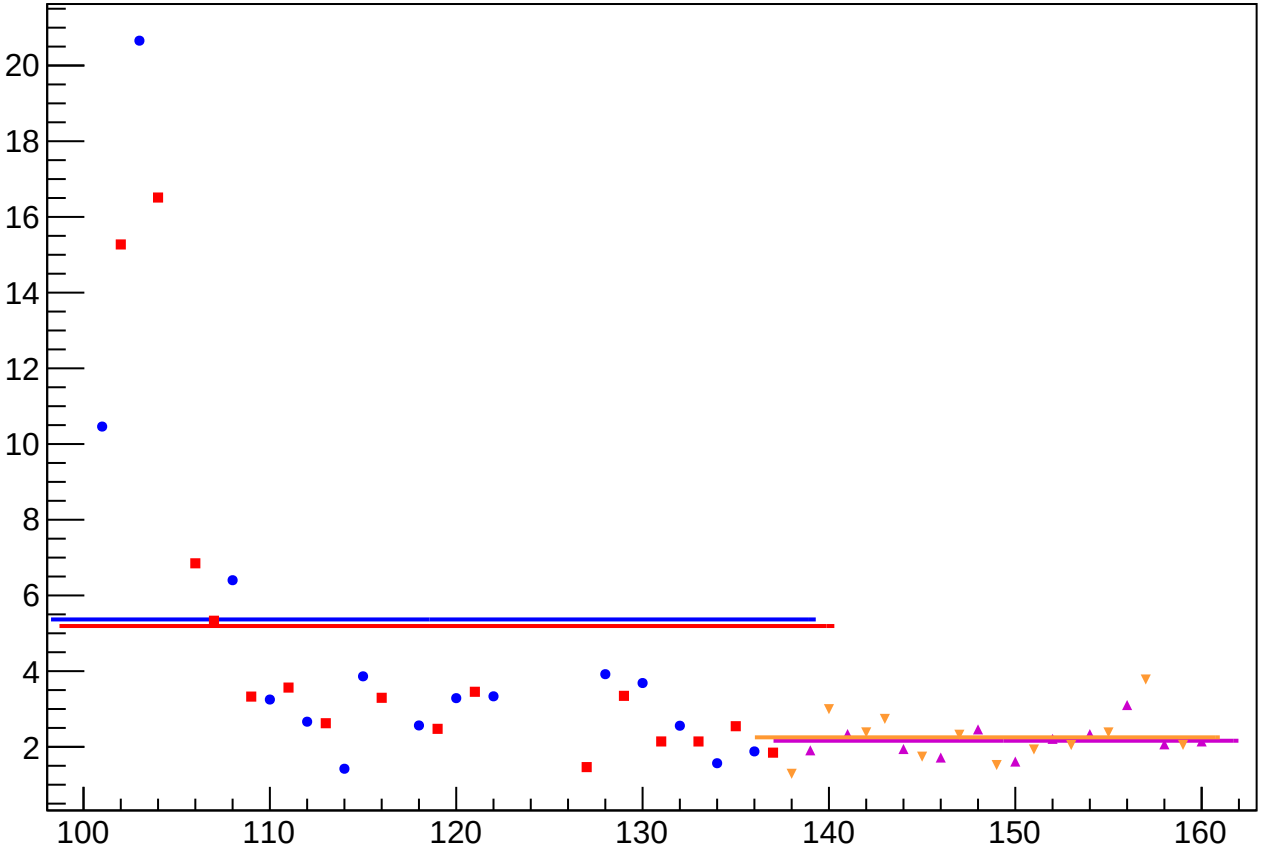
Left In: 5.441+/-0.000 χ^2/NDF:96914787462039085539933903283814 4.0/10

+ sign 5.218+/-0.000 χ^2/NDF: 5241850801732148 6

All: 5.152+/-0.000 χ^2/NDF: 7488956445954 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 3.542+/-0.000 χ^2/NDF: 2286859801984359 4

Left Out: 2.251+/-0.000 χ^2/NDF:4012149072617451650055666453708 80.0/11

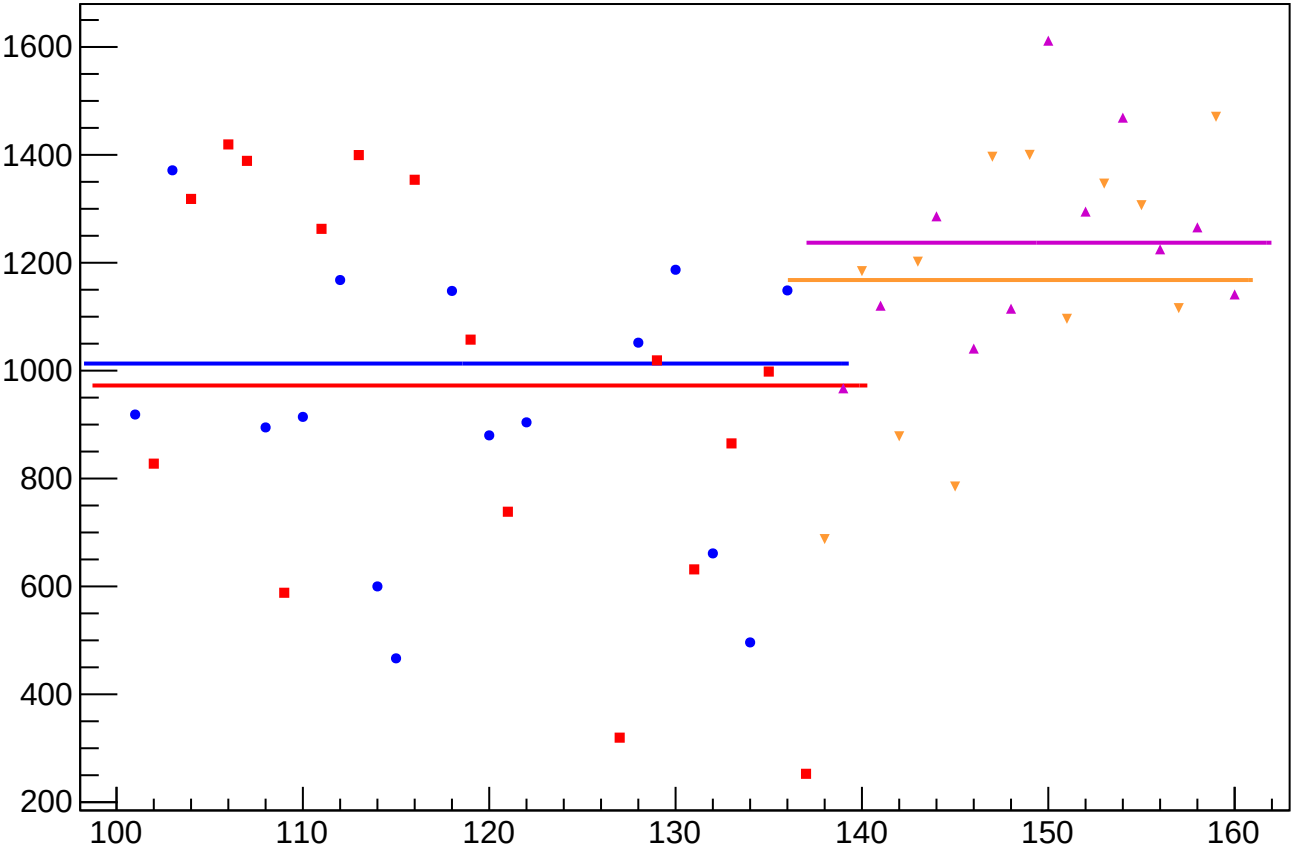
All: 3.487+/-0.000 χ^2/NDF: 4232400409681 0

Right Out: 5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

- 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

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

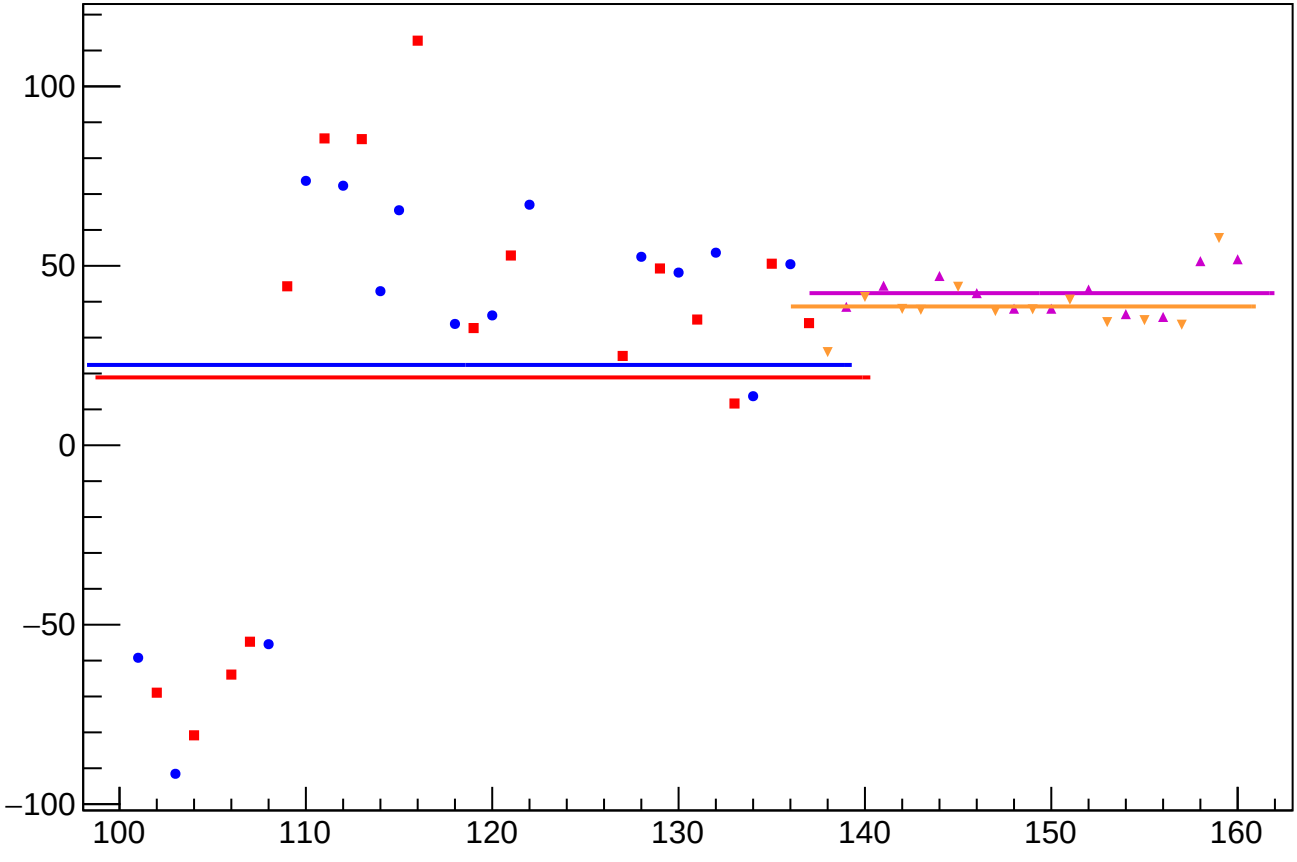
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

Left Out: 38.679+/-0.000 χ^2/NDF:500758788978112734847872895371182 08.0/11

Right Out: 18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15

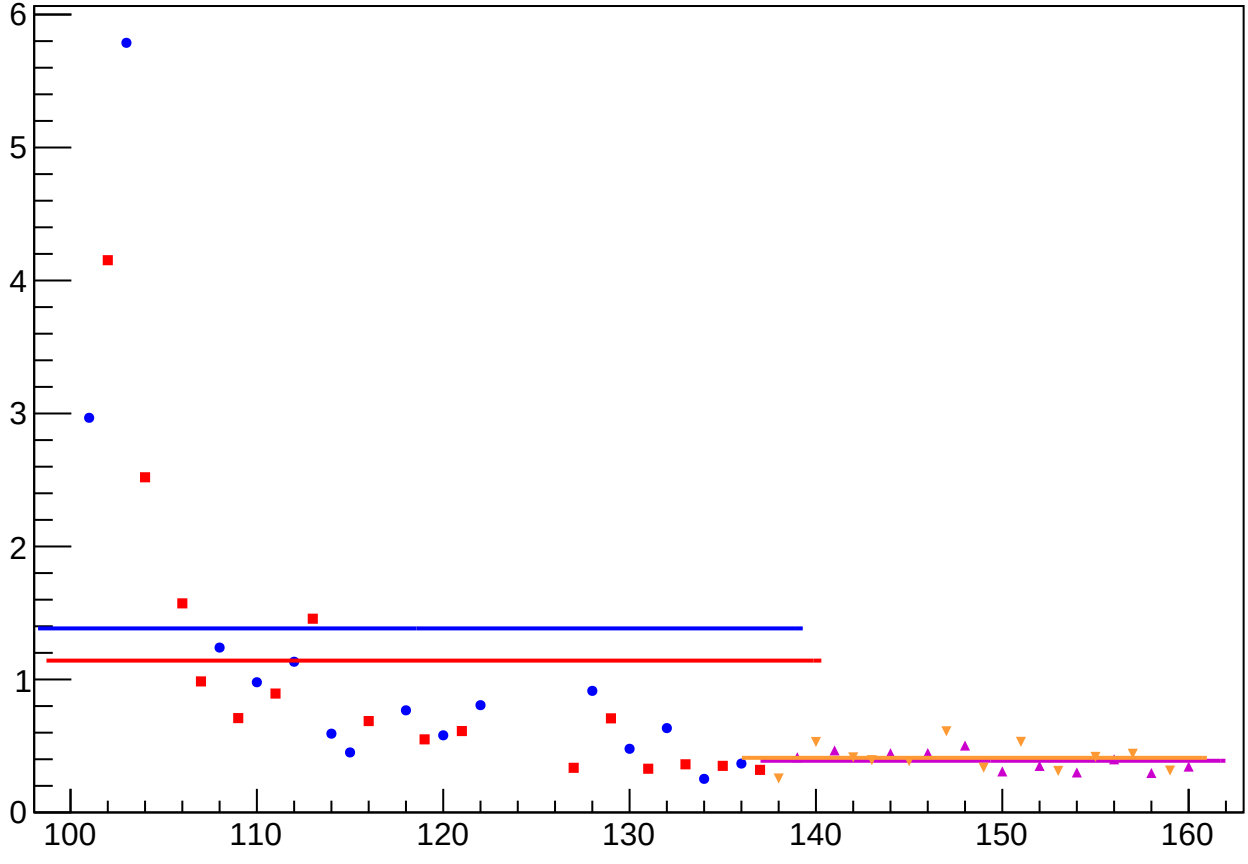
Left In: 42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10

+ sign 31.926+/-0.000 χ^2/NDF: 2073238427380323

All: 32.237+/-0.000 χ^2/NDF: 449586195042 3

- 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: 0.411+/-0.000 χ^2/NDF:9428610492078012186649224544256.0/11

Right Out: 1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

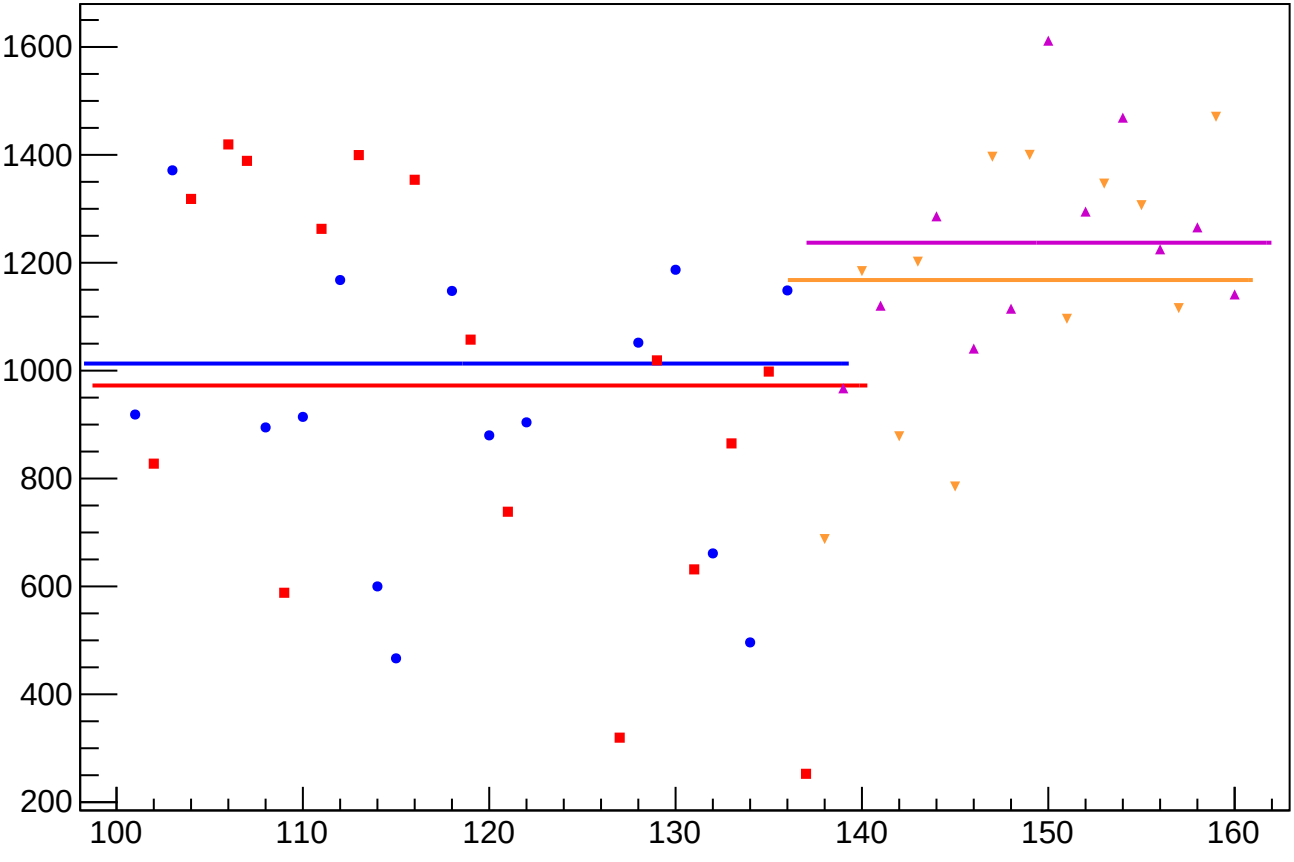
Left In: 0.389+/-0.000 χ^2/NDF:4468112130112640641394154668032.0/10

+ sign 0.814+/-0.000 χ^2/NDF: 1940519918288726 3

All: 0.759+/-0.000 χ^2/NDF: 2984886867136

- sign 0.704+/-0.000 χ^2/NDF: 10348725978885865

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

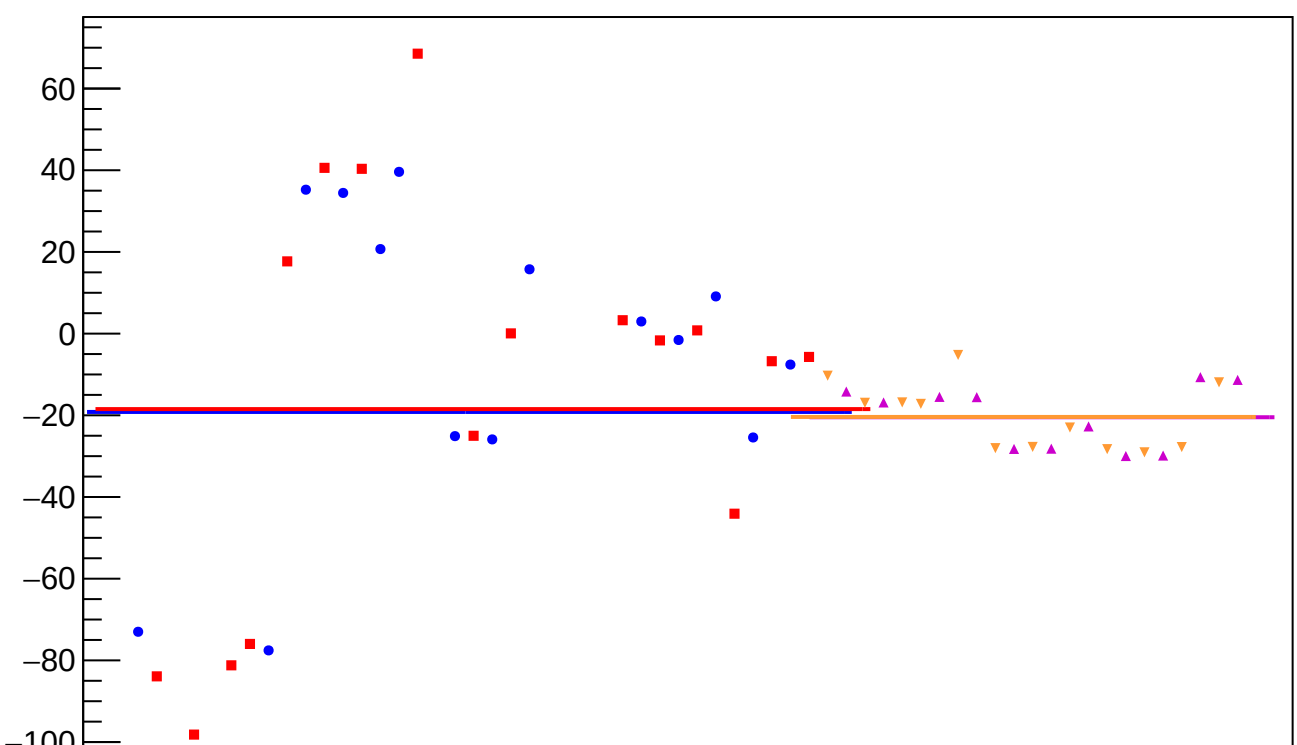
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

+ sign -19.892+/-0.000 χ^2/NDF: 130672947127581

Left Out: -20.399+/-0.000 χ^2/NDF:5979587484613201607462578639654092 8.0/11

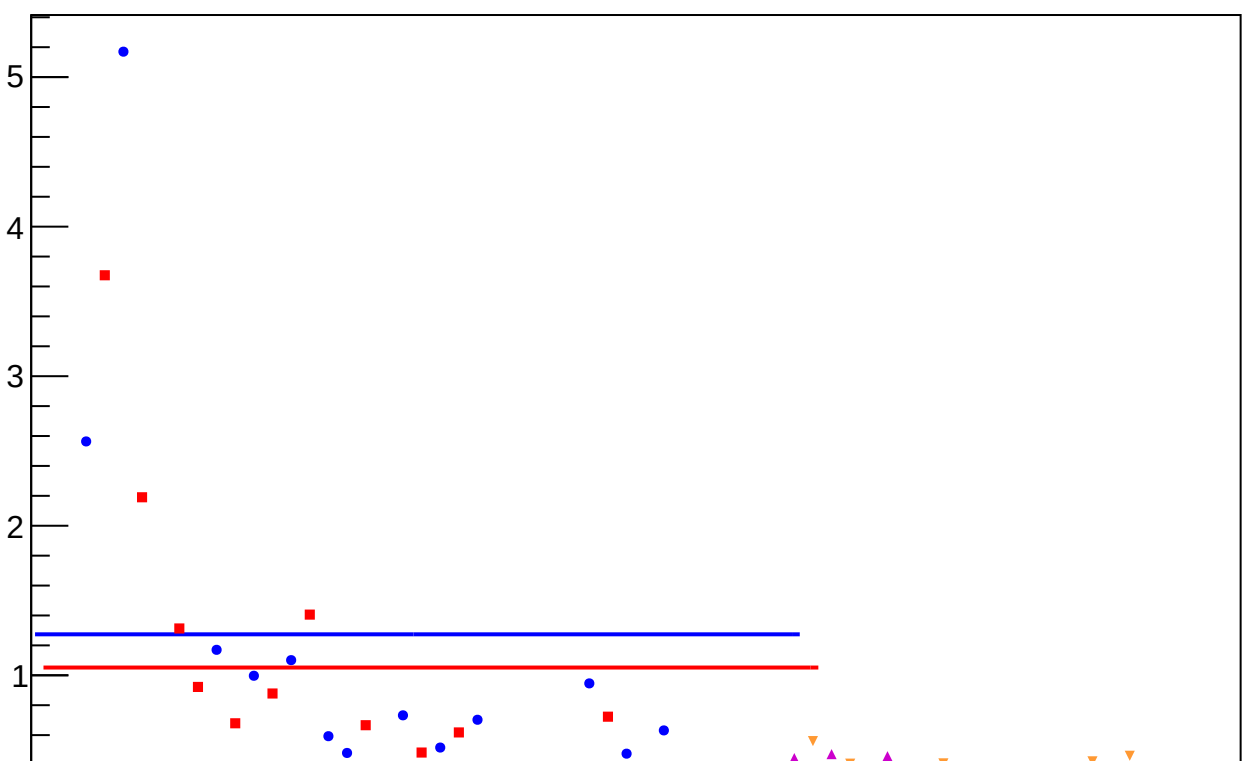
All: -19.763+/-0.000 χ^2/NDF: 284620389245

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: 0.383+/-0.000 χ^2/NDF:58049055504205289104265277603 84.0/11

Right Out: 1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

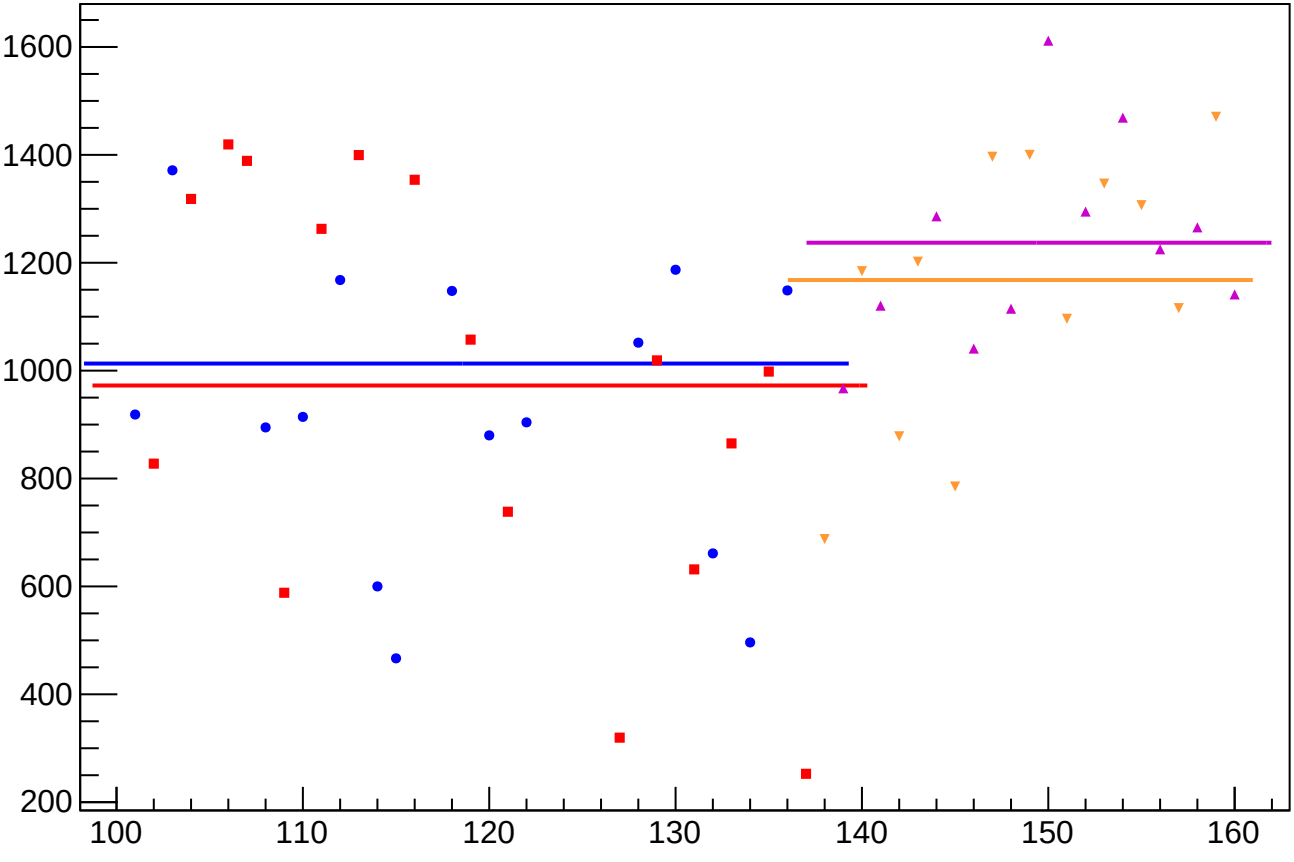
Left In: 0.369+/-0.000 χ^2/NDF:416635063884813867670781611 2128.0/10

+ sign 0.752+/-0.000 χ^2/NDF: 1519470095677947 9

All: 0.703+/-0.000 χ^2/NDF: 2318813336124 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

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

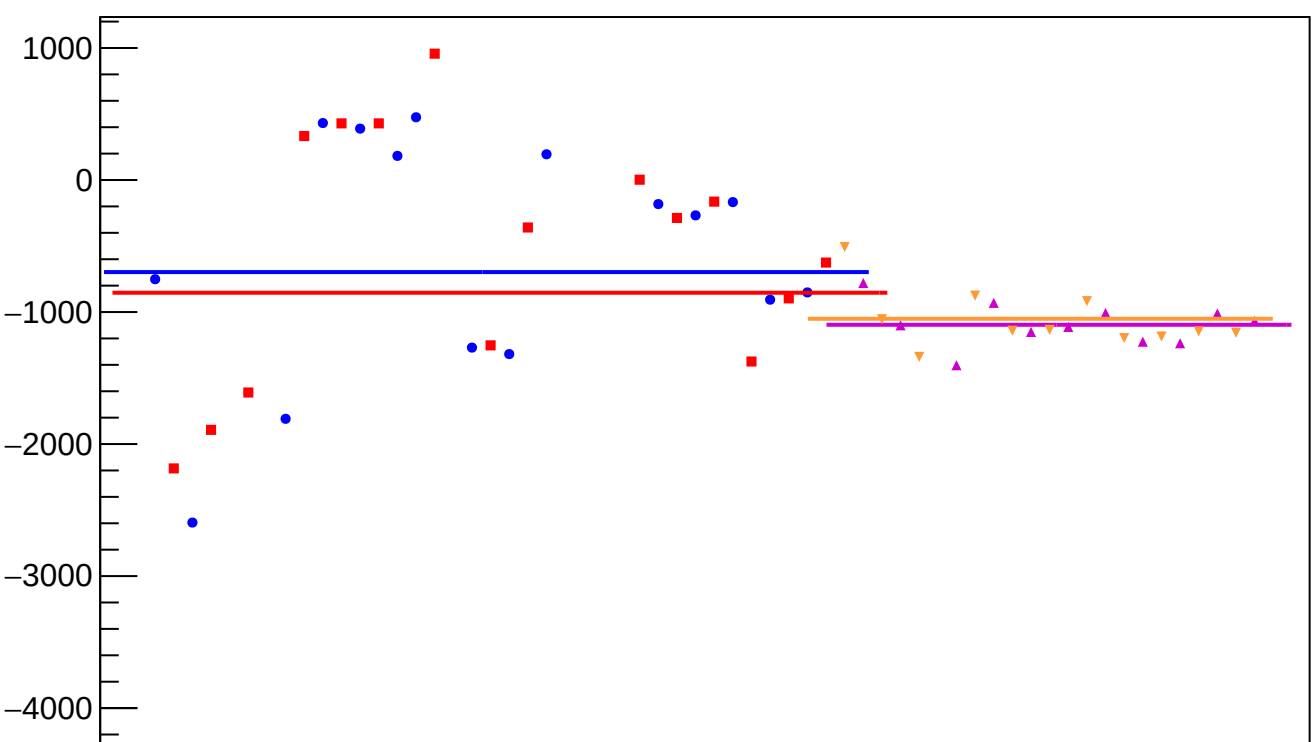
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

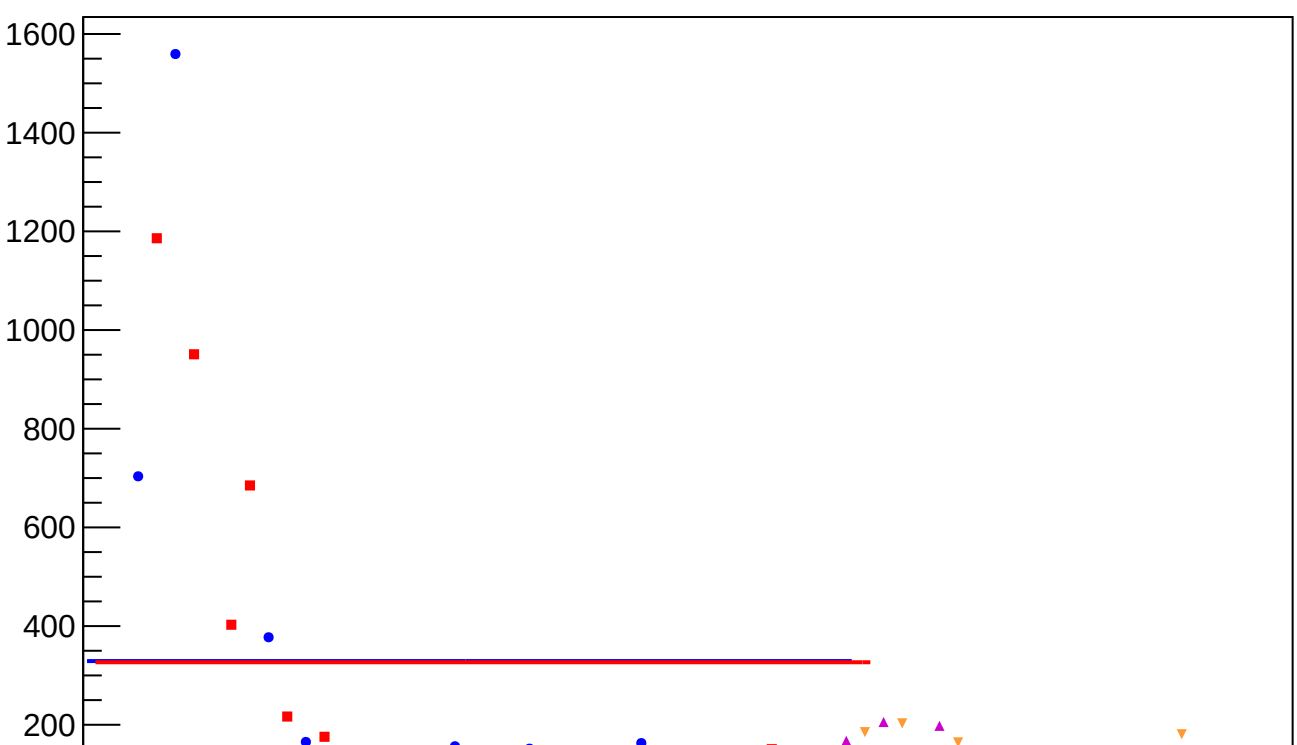
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14
+ sign -897.829+/-0.000 χ^2/NDF: 57329674650375
Left Out: -1050.953+/-0.000 χ^2/NDF:36829070766461393403765229942747430912.0/10
All: -947.722+/-0.000 χ^2/NDF: 17051514105
Right Out: -853.734+/-0.000 χ^2/NDF: 10783790201264123171559322751562017669 12.0/15
- sign -994.729+/-0.000 χ^2/NDF: 112460764695899
Left In: -1096.508+/-0.000 χ^2/NDF:23397092464085092375008014674557927424.0/10

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

+ sign 219.907+/-0.000 χ^2/NDF: 131498546737370

Left Out: 136.529+/-0.000 χ^2/NDF:986372818283314141100082094359445504.0/10

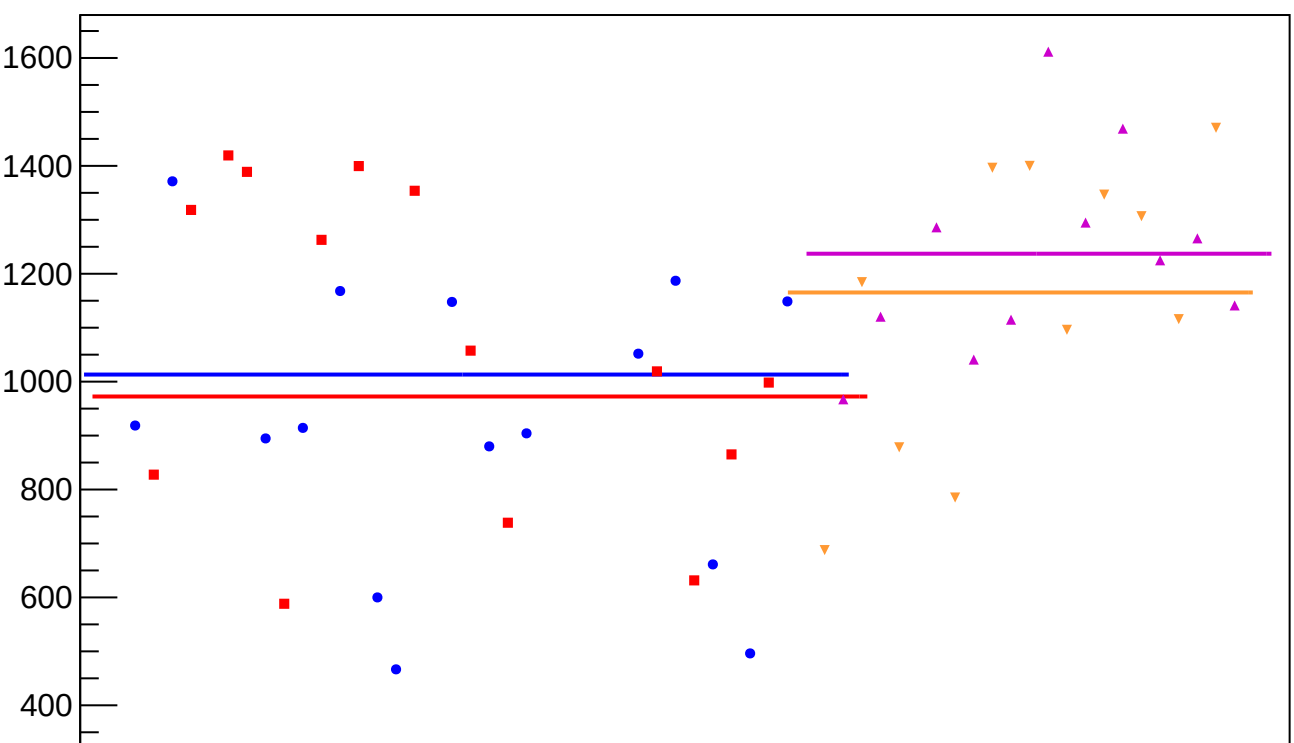
All: 219.568+/-0.000 χ^2/NDF: 233371635058

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

- sign 219.249+/-0.000 χ^2/NDF: 101872754009430

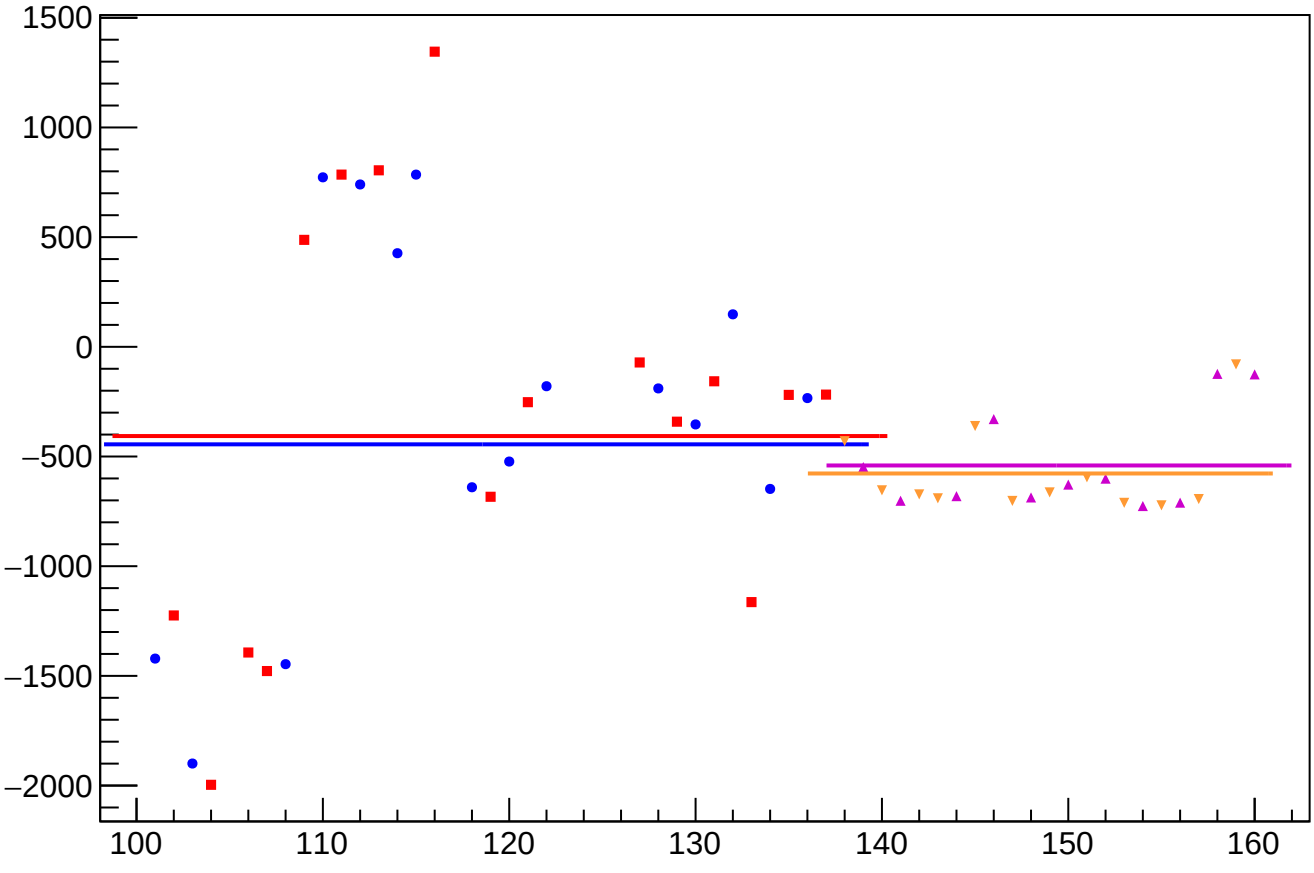
Left In: 141.688+/-0.000 χ^2/NDF:1044882408057849194081424130600599552.0/10

dit_usl_coil6_Ndata_mean vs Slug



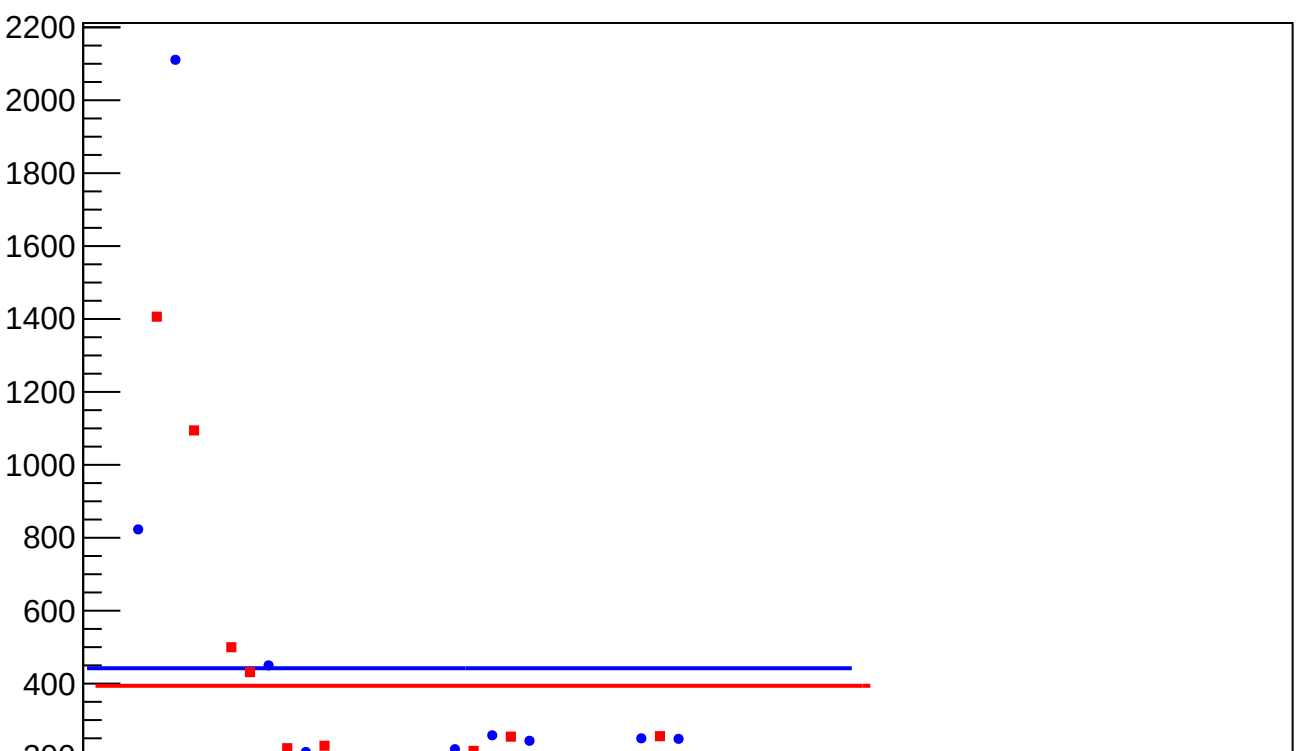
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1099.420+/-0.000 χ^2/NDF: 9476675143609 3
Left Out: 1165.293+/-0.000 χ^2/NDF:5452652645472732695761949382749559 1936.0/10
All: 1113.201+/-0.000 χ^2/NDF: 2316662260 4
Right Out: 972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15
- 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 -522.314+/-0.000 χ^2/NDF: 4363726811560 1
Left Out: -577.377+/-0.000 χ^2/NDF:3318198345583115358583881629004359270 4.0/11
All: -503.316+/-0.000 χ^2/NDF: 1016254066 2
Right Out: -406.729+/-0.000 χ^2/NDF: 5291224218667748100129417822391291084 80.0/15
- sign -484.617+/-0.000 χ^2/NDF: 5787599271310 5 7
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

Left Out: 134.122+/-0.000 χ^2/NDF:1108150296028178587463342476455051264.0/11

Right Out: 394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

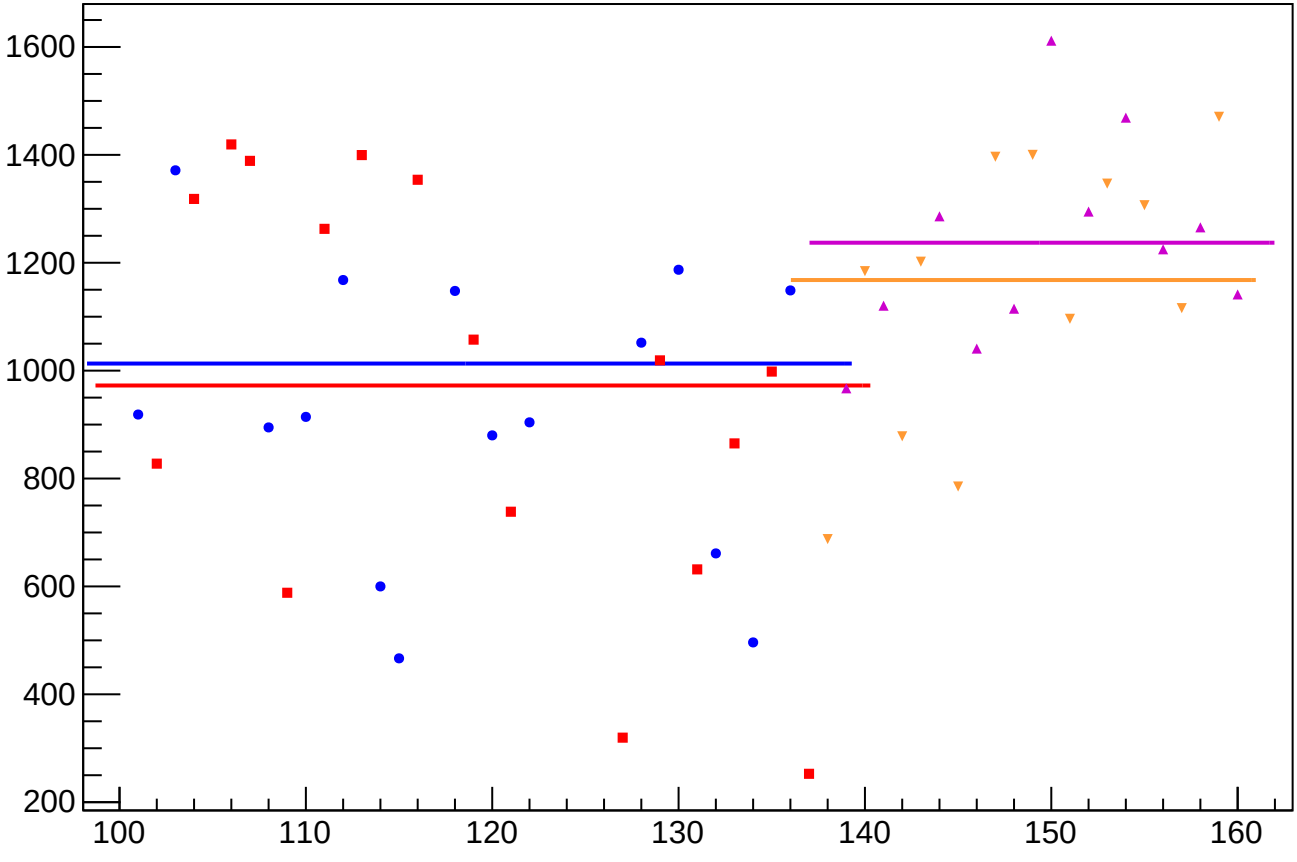
Left In: 136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10

+ sign 261.784+/-0.000 χ^2/NDF: 241185059846512

All: 252.922+/-0.000 χ^2/NDF: 374106508745

- sign 244.199+/-0.000 χ^2/NDF: 132677424429000

dit_usr_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

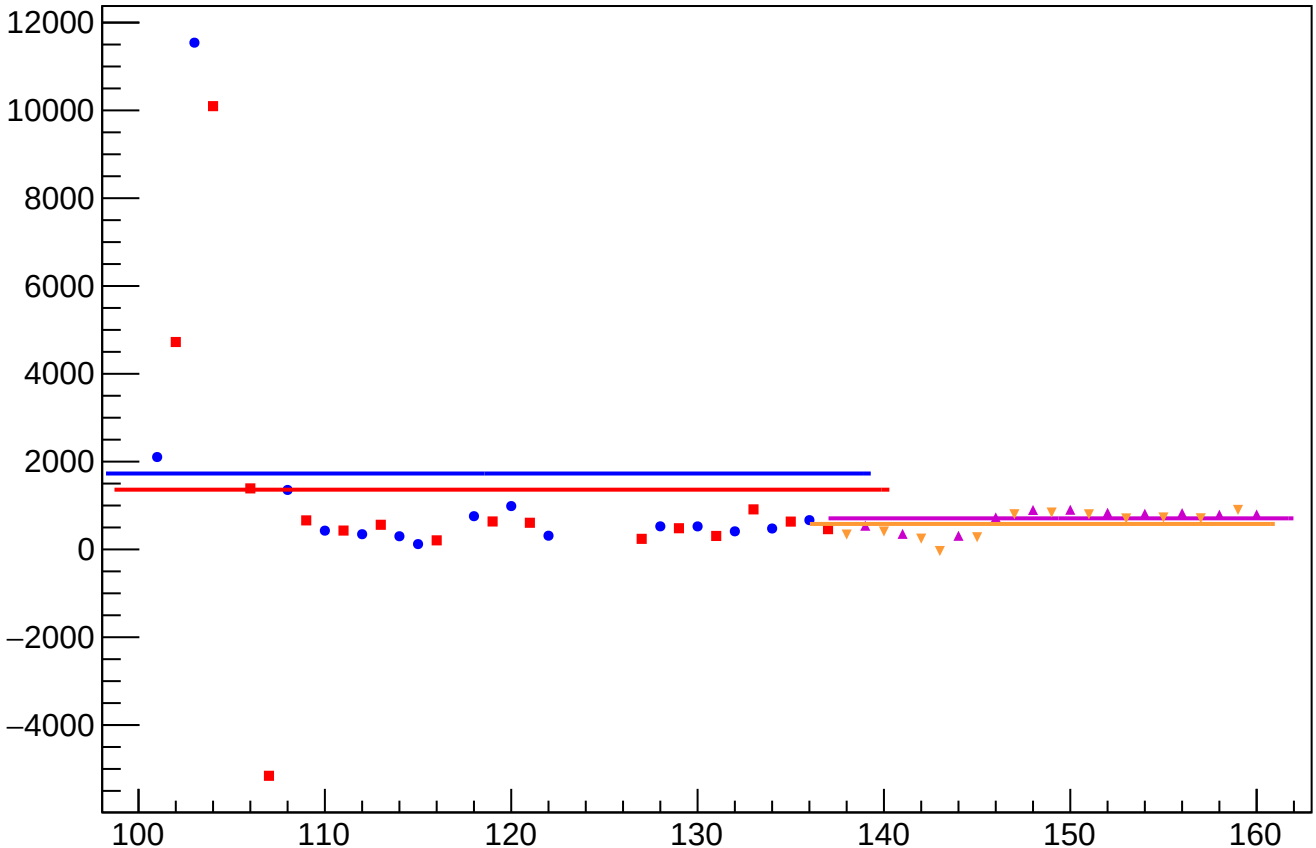
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

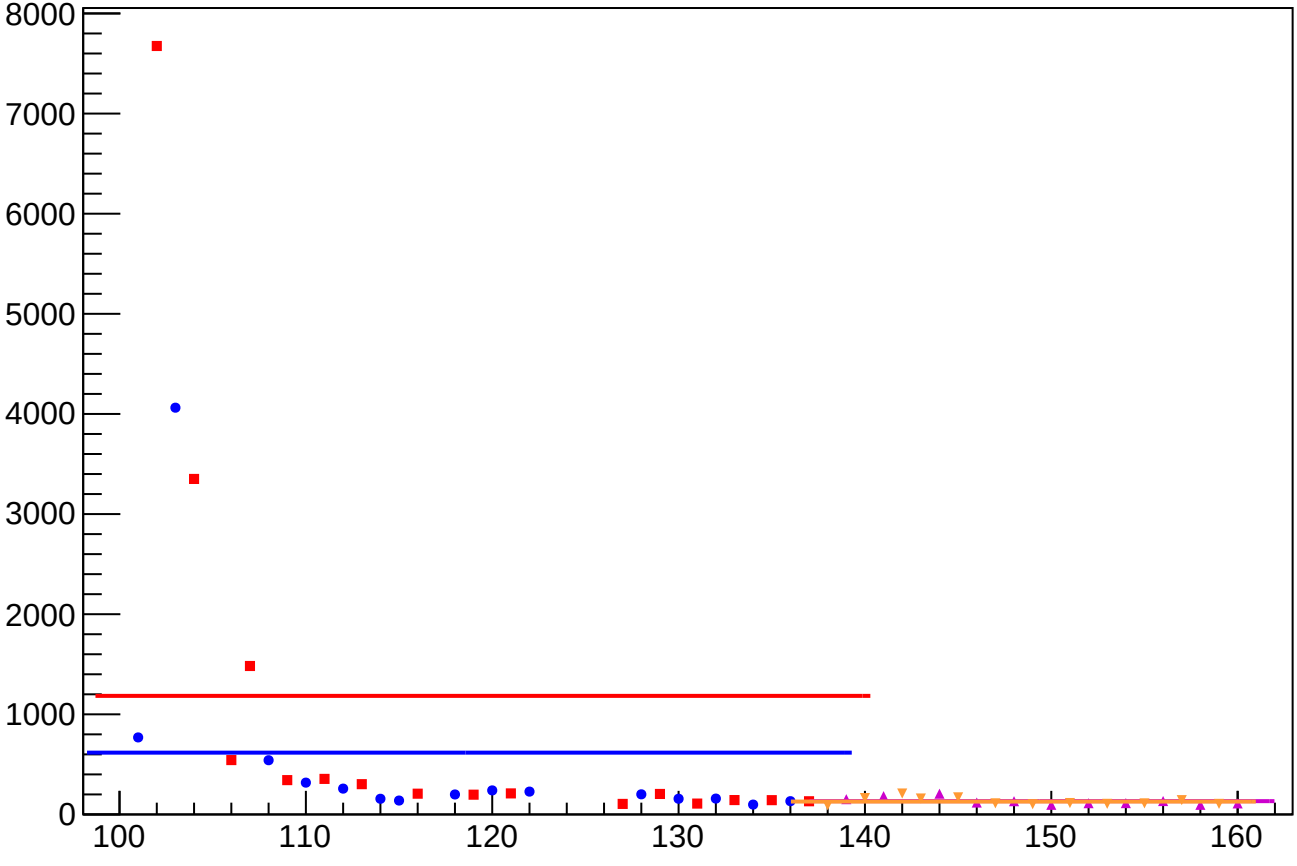
- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF: 641312129727334740807562411650796486656 0.0/14
+ sign 1056.333+/-0.000 χ^2/NDF: 69854955946737
Left Out: 580.248+/-0.000 χ^2/NDF:708579784340766240094299792127285002 24.0/11
All: 1018.700+/-0.000 χ^2/NDF: 1362480993
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 331.336+/-0.000 χ^2/NDF: 88397371945685 9

Left Out: 128.916+/-0.000 χ^2/NDF:9464462818899964107363355906193489 92.0/11

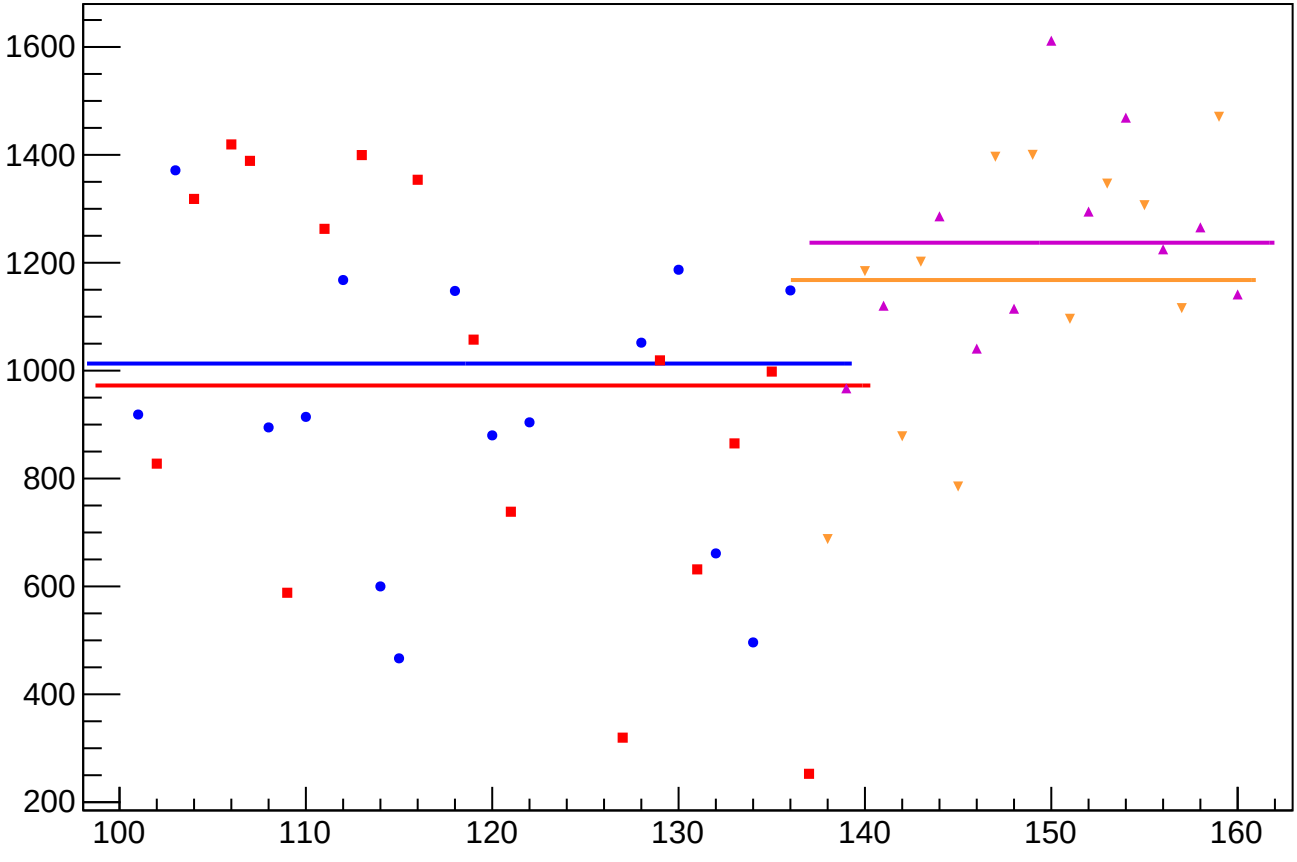
All: 453.464+/-0.000 χ^2/NDF: 4527095660 47

Right Out: 1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

- sign 573.673+/-0.000 χ^2/NDF: 359677429953367

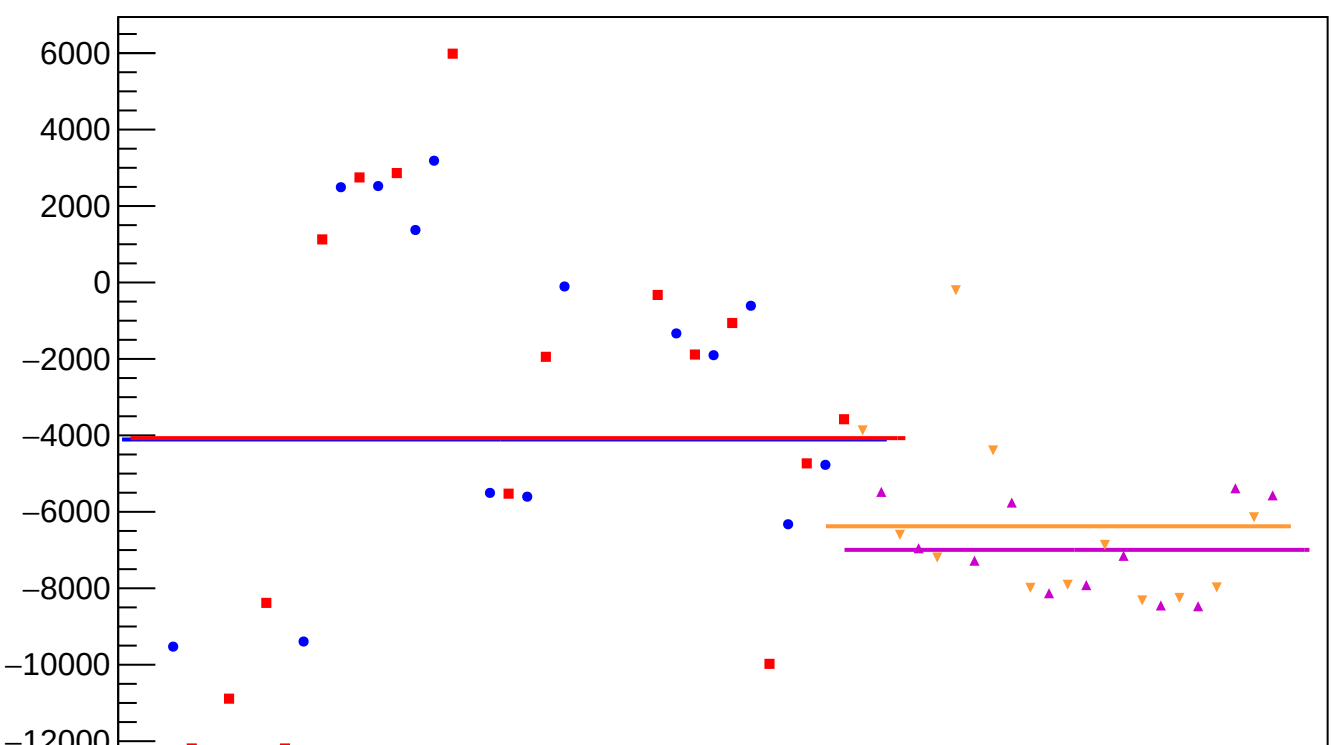
Left In: 132.869+/-0.000 χ^2/NDF:1091839085664014112201463155711279104.0/10

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272
Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11
All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Left Out: -6377.972+/-0.000 χ^2/NDF:4622591154954588275207693526333594271744.0/11

Right Out: -4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

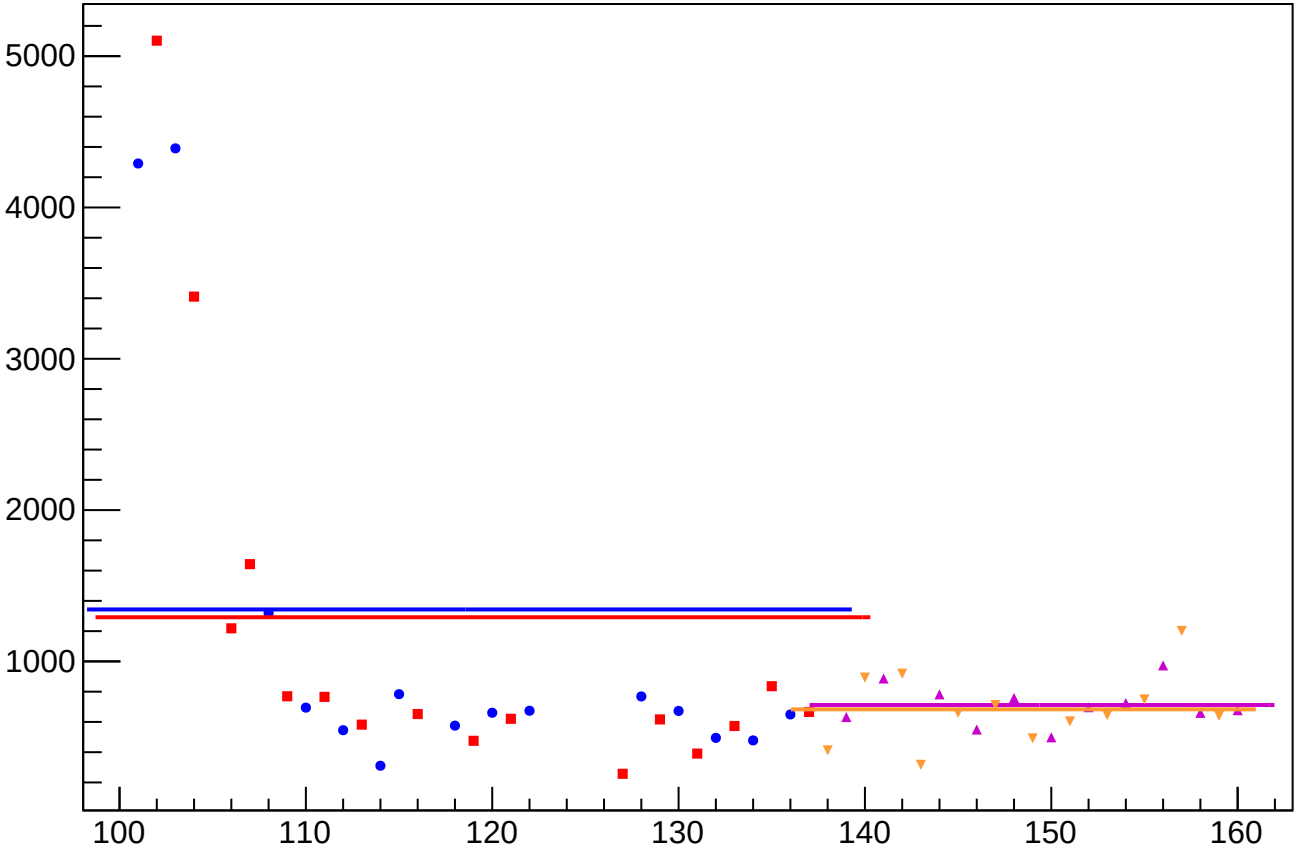
Left In: -6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

+ sign -5436.993+/-0.000 χ^2/NDF: 2110921720753

All: -5604.574+/-0.000 χ^2/NDF: 4610437232

- 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 956.696+/-0.000 χ^2/NDF: 152952936014958

Left Out: 683.065+/-0.000 χ^2/NDF:4637999569584494966352151957281230028 8.0/11

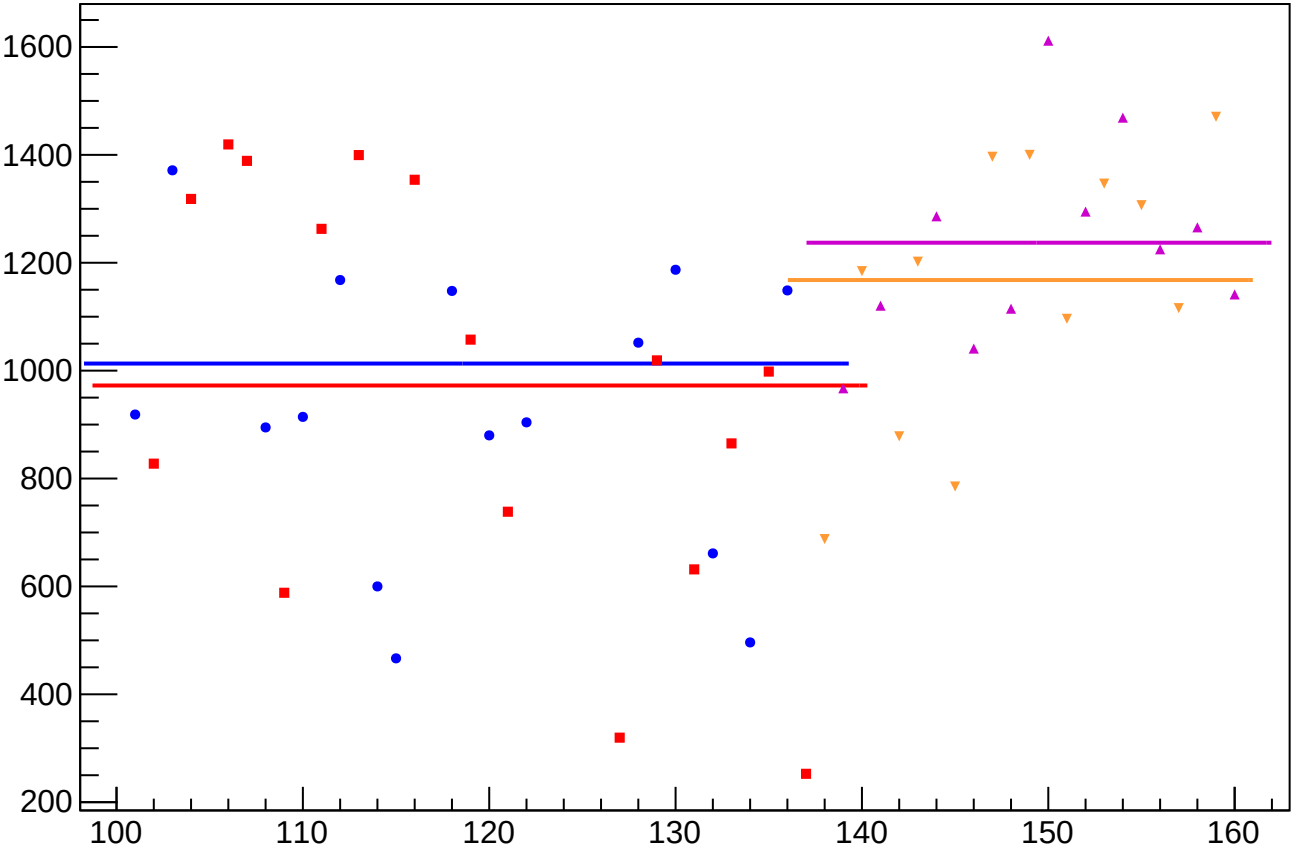
All: 955.796+/-0.000 χ^2/NDF: 299931763461

Right Out: 1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

- sign 954.911+/-0.000 χ^2/NDF: 146978575897924

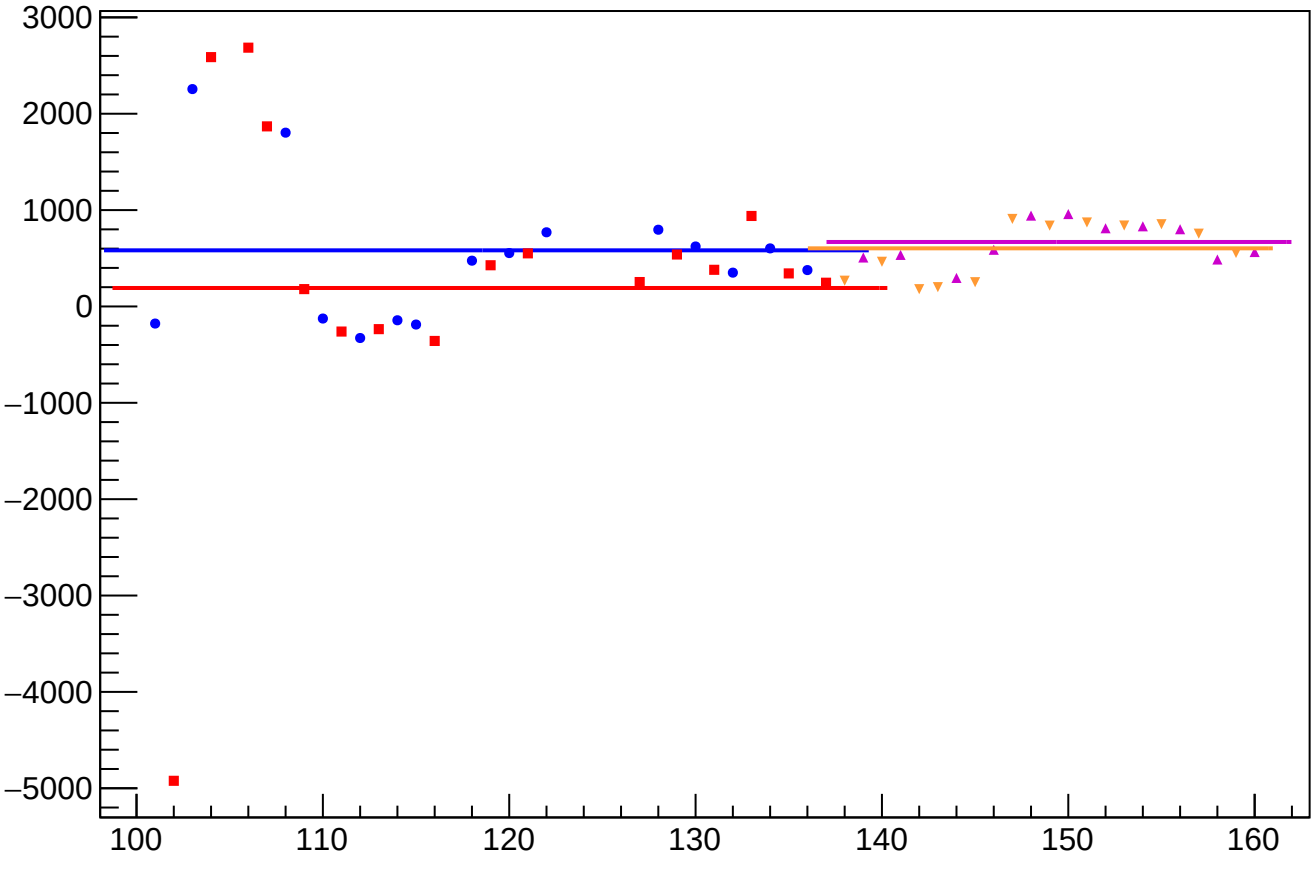
Left In: 711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272
Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11
All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14

+ sign 594.514+/-0.000 χ^2/NDF: 407769521673703

Left Out: 603.094+/-0.000 χ^2/NDF:688100384194630010048785749886799708 16.0/11

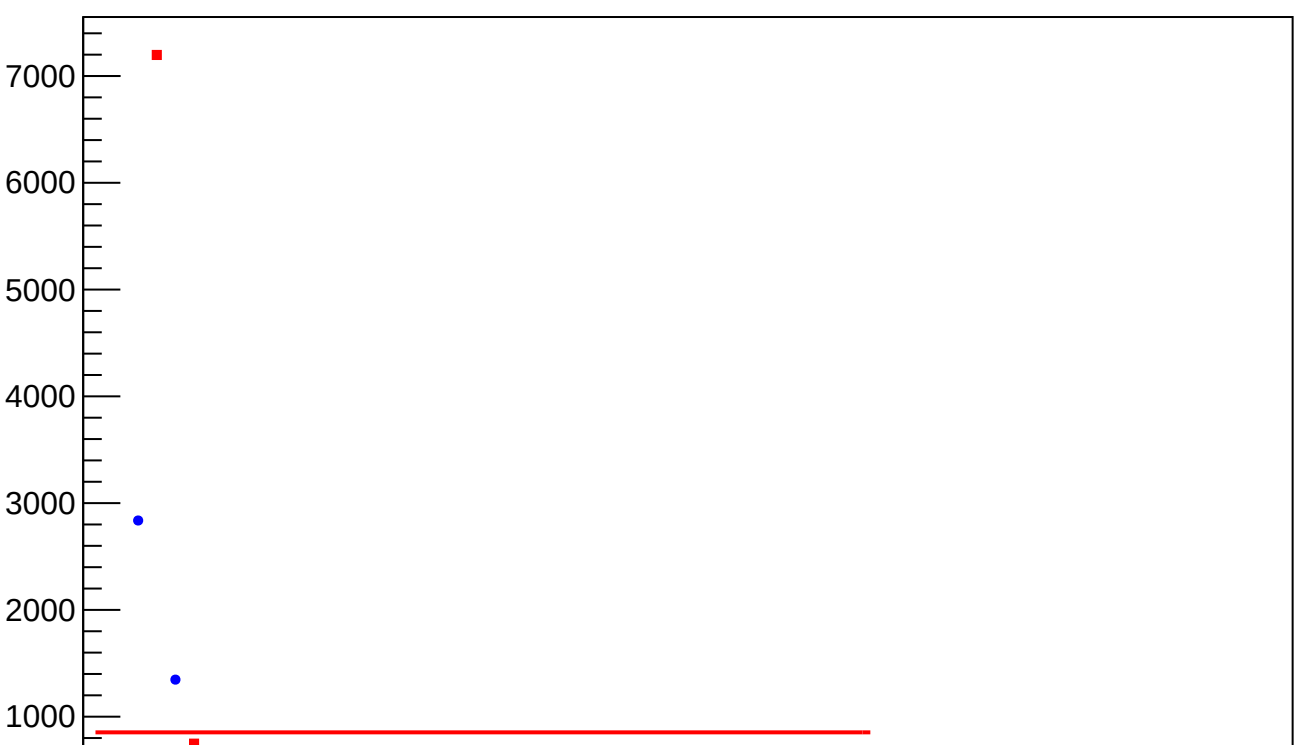
All: 531.231+/-0.000 χ^2/NDF: 271680523727

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 307.831+/-0.000 χ^2/NDF: 475999879031261

Left Out: 141.867+/-0.000 χ^2/NDF:675701485078594006846282081211777024.0/11

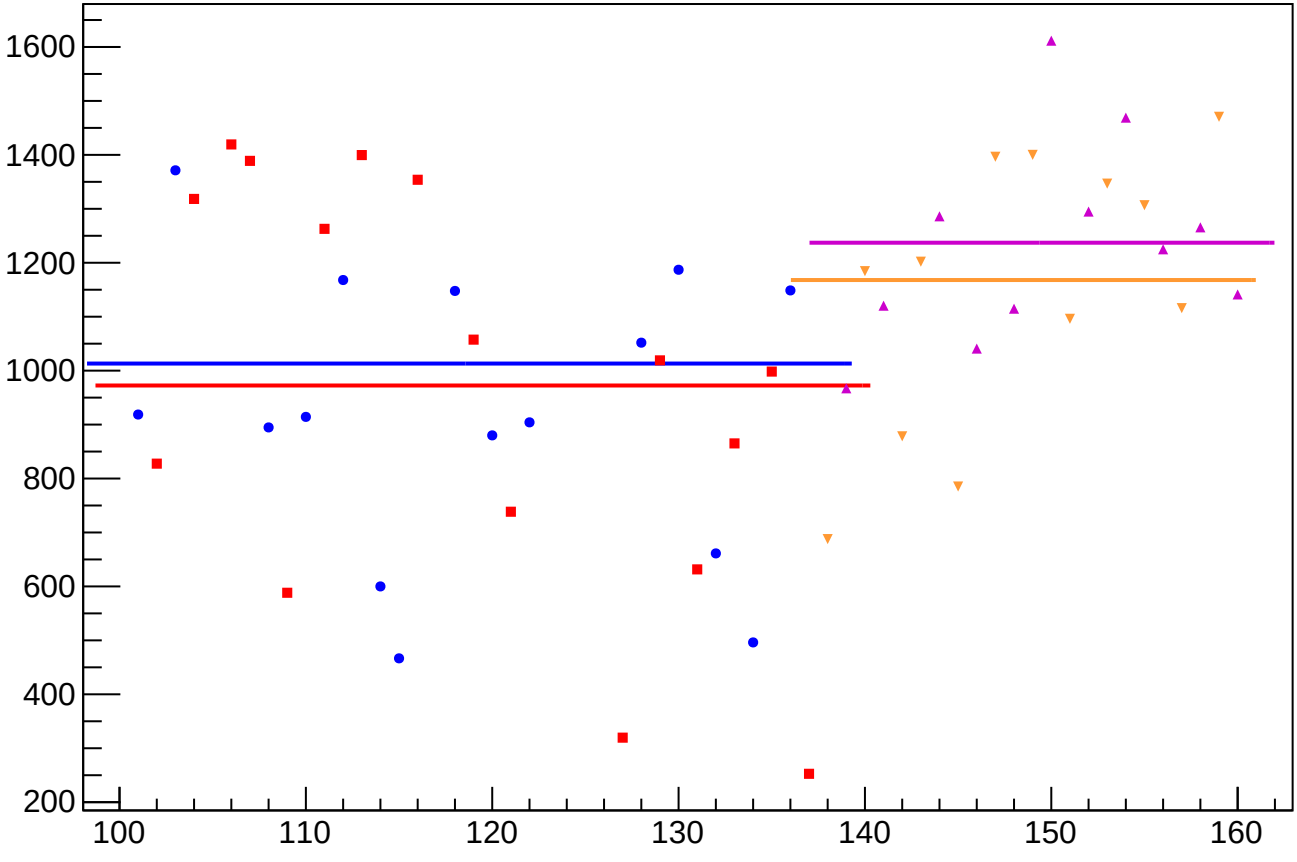
All: 375.544+/-0.000 χ^2/NDF: 325911775332

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

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

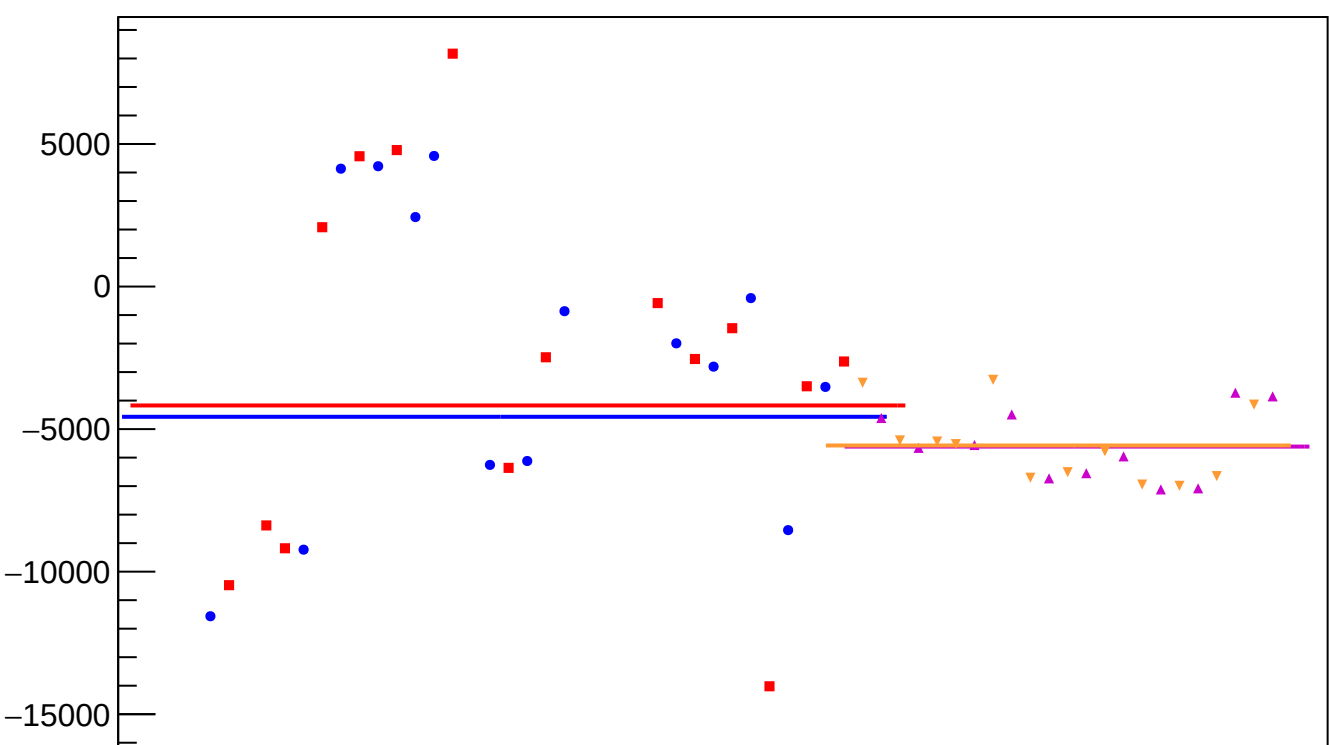
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14

Left Out: -5574.062+/-0.000 χ^2/NDF:1562689011038892047530316656159376801792.0/11

Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302412 8.0/15

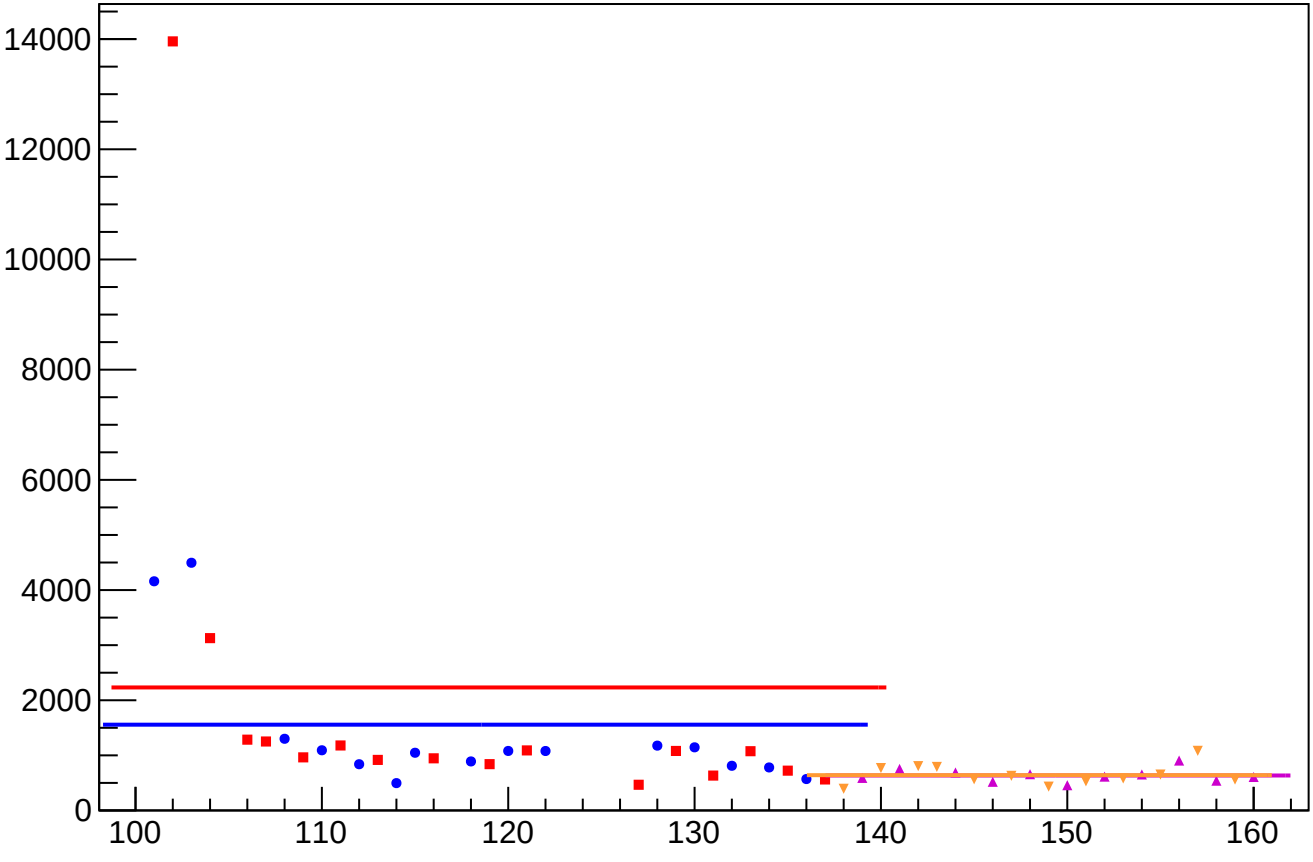
Left In: -5613.024+/-0.000 χ^2/NDF:1272210659936261957248133173503170969600.0/10

+ sign -5157.241+/-0.000 χ^2/NDF: 2614216939022

All: -5082.223+/-0.000 χ^2/NDF: 5920488345

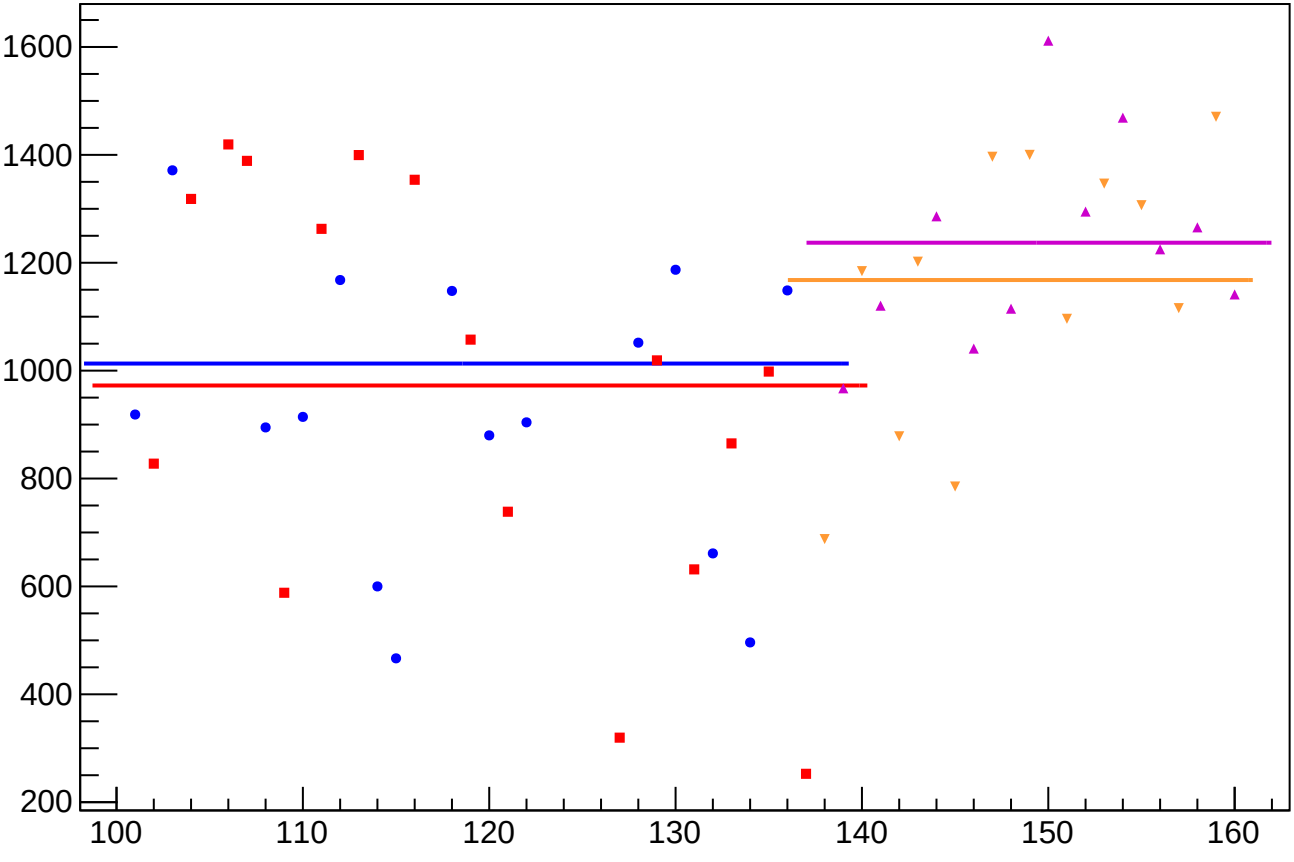
- sign -5008.384+/-0.000 χ^2/NDF: 3304522674427 4

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF: 113936423921860056719185513175693079347 2.0/14
+ sign 1020.250+/-0.000 χ^2/NDF: 1488562242408
Left Out: 640.537+/-0.000 χ^2/NDF:30170658754052148161516421209078628352.0/11
All: 1163.490+/-0.000 χ^2/NDF: 1154416399
Right Out: 2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233 2928.0/15
- 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: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

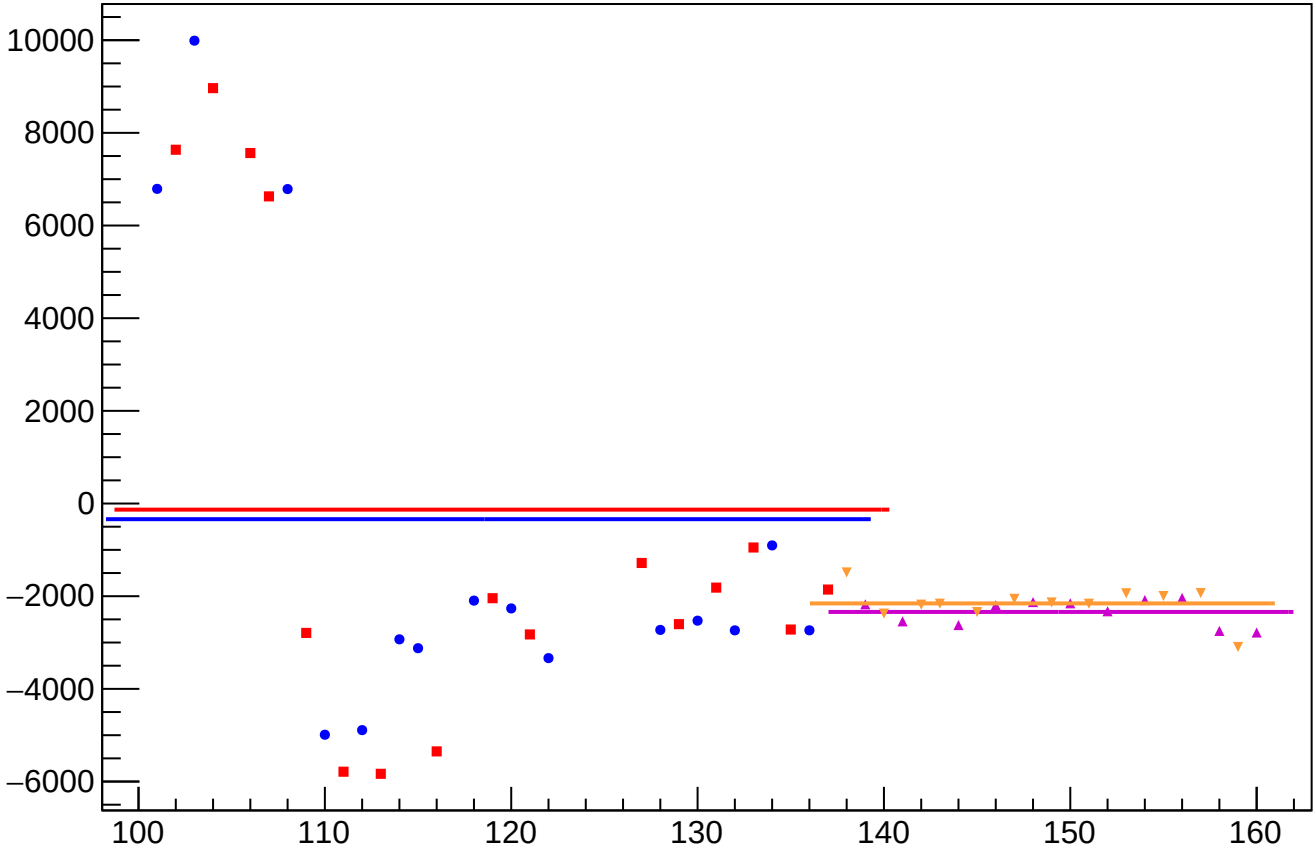
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

- 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 -1402.379+/-0.000 χ^2/NDF: 1653167827528

Left Out: -2155.781+/-0.000 χ^2/NDF:1232193651273252322124109301352518123 52.0/11

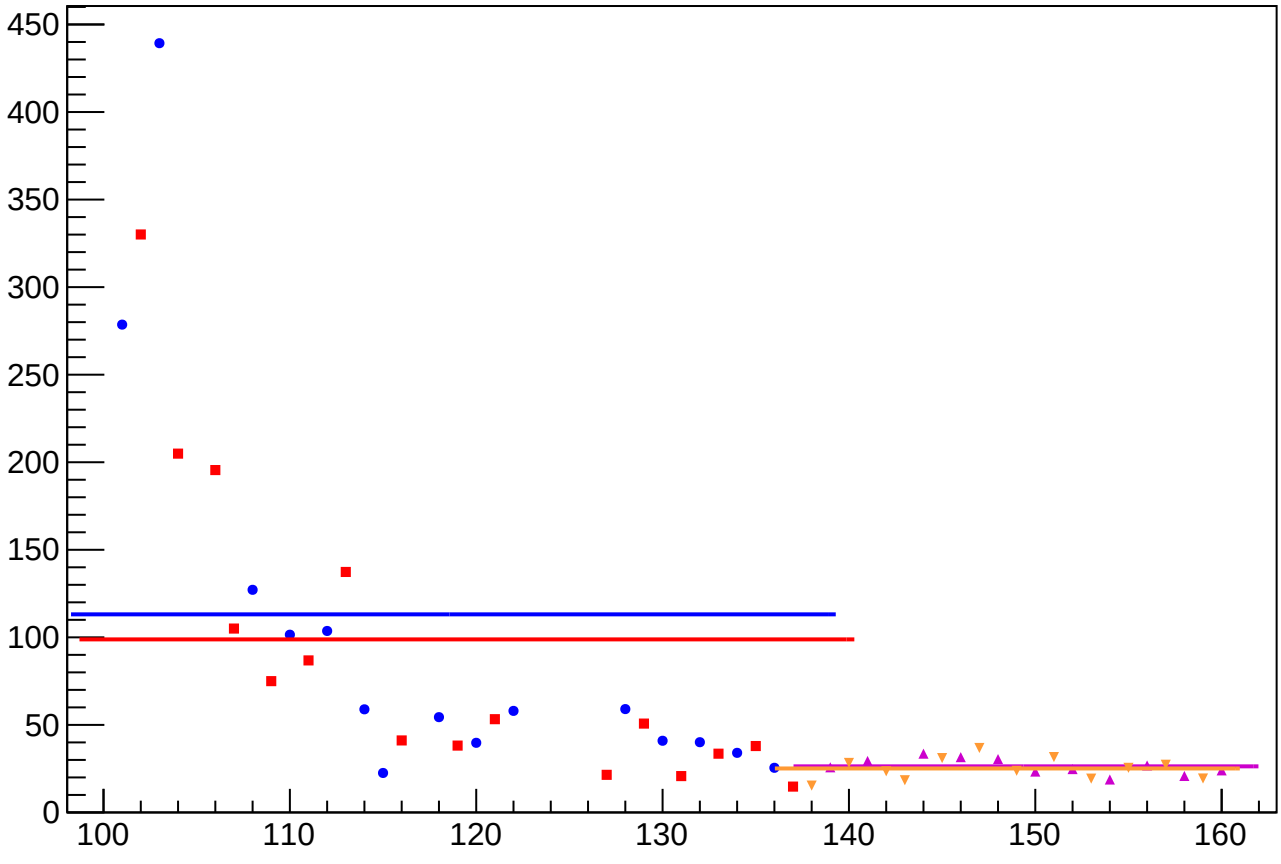
All: -1408.202+/-0.000 χ^2/NDF: 3495655876

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

Left Out: 25.122+/-0.000 χ^2/NDF:3423655463991049901455558155907891 2.0/11

Right Out: 98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

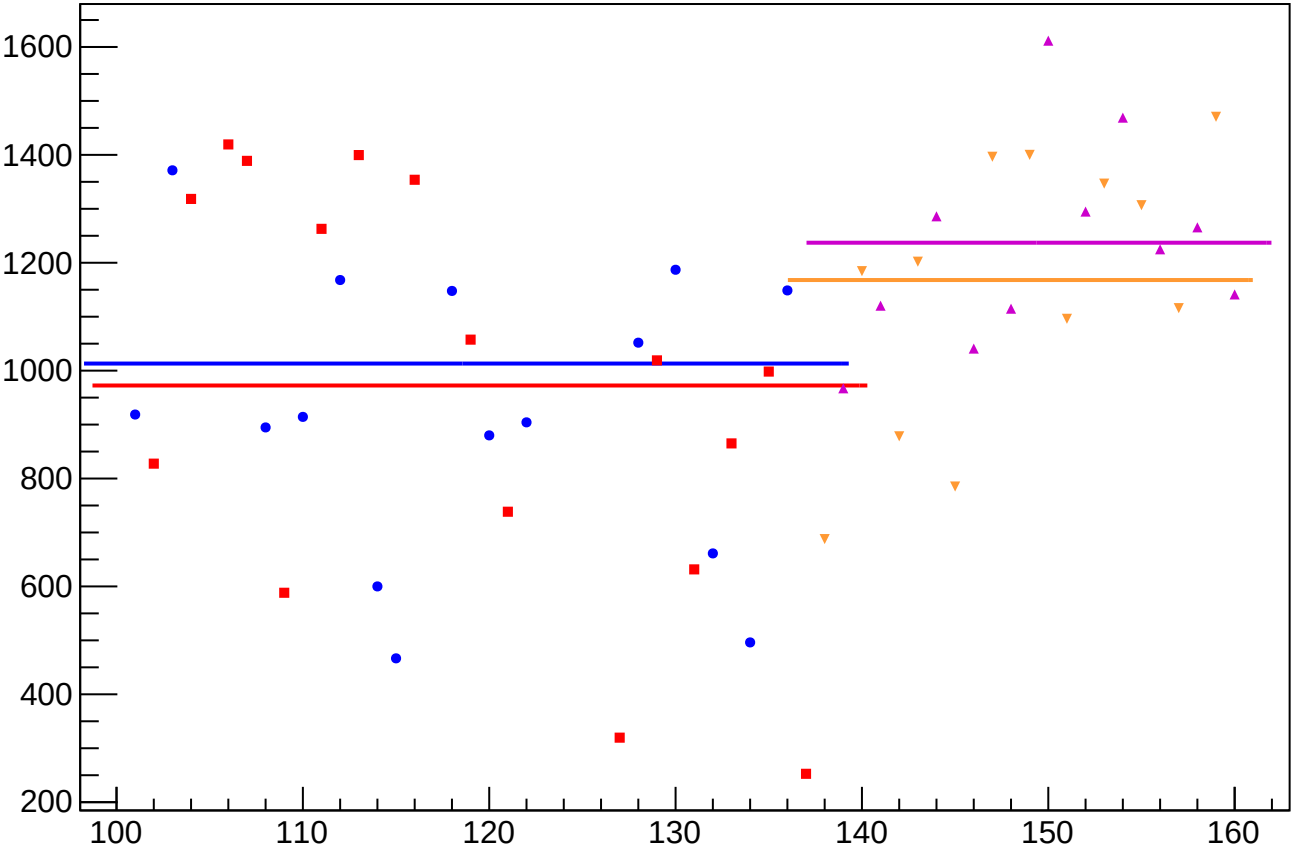
Left In: 26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

+ sign 61.597+/-0.000 χ^2/NDF: 1296766126844036

All: 59.142+/-0.000 χ^2/NDF: 205511545871

- sign 56.726+/-0.000 χ^2/NDF: 7564771732797838

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

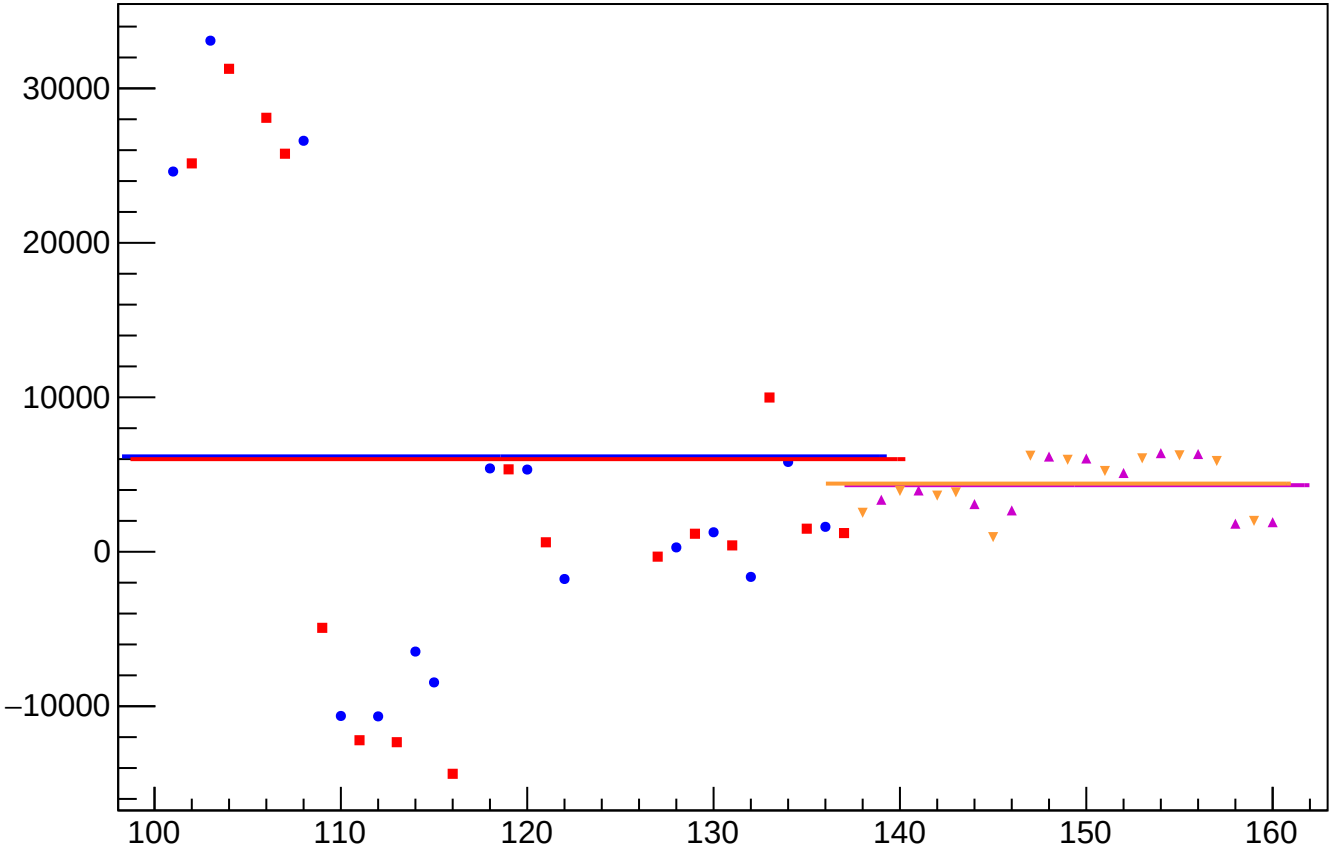
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000 χ^2/NDF: 117260877162921223967478349050708452442112.0/14

+ sign 5143.792+/-0.000 χ^2/NDF: 1213965577406

Left Out: 4413.614+/-0.000 χ^2/NDF:29559728640274806151088846798427562967 04.0/11

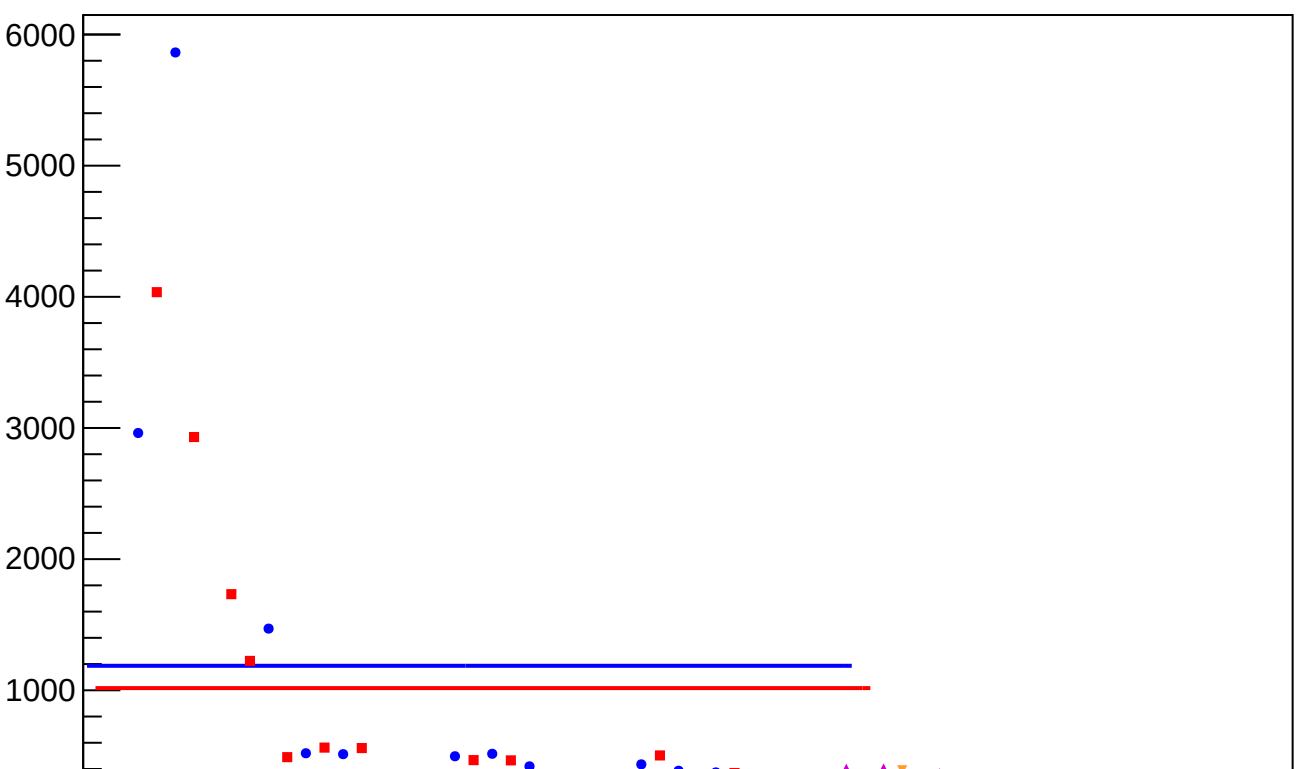
All: 5080.119+/-0.000 χ^2/NDF: 2622554990

Right Out: 5996.727+/-0.000 χ^2/NDF: 137057710785025136543407710107916356812800.0/15

- sign 5017.446+/-0.000 χ^2/NDF: 14084634301440

Left In: 4310.541+/-0.000 χ^2/NDF:268724881179064378000008603083039624396 8.0/10

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

+ sign 642.014+/-0.000 χ^2/NDF: 212825698662926

Left Out: 256.413+/-0.000 χ^2/NDF:279637799274021052723344583983890432 0.0/11

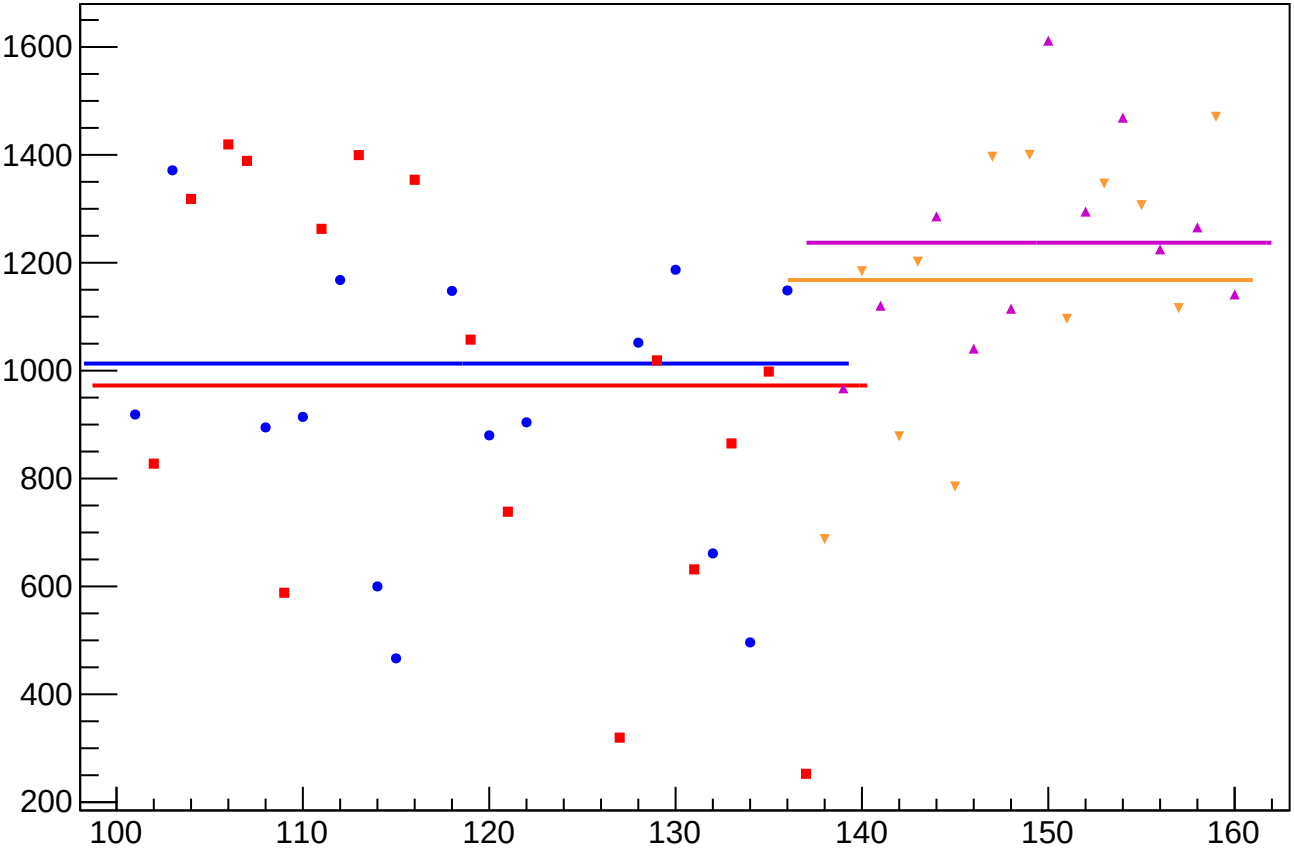
All: 611.860+/-0.000 χ^2/NDF: 328145858108

Right Out: 1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

- sign 582.179+/-0.000 χ^2/NDF: 115037612749111

Left In: 268.493+/-0.000 χ^2/NDF:5855734975706547823556607966386847744.0/10

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

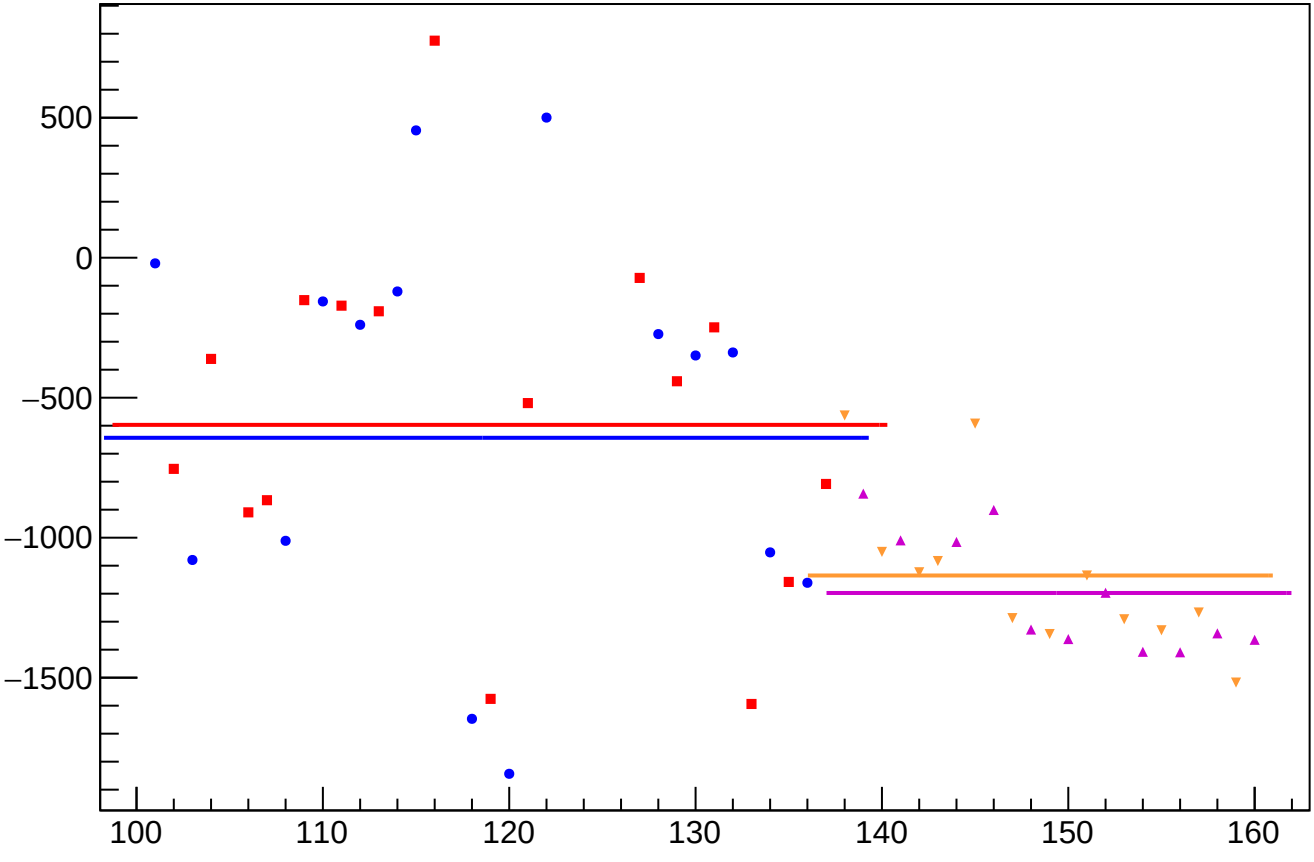
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF: 272726964608206694027285159784925364224.0/14

+ sign -931.209+/-0.000 χ^2/NDF: 43844054596659

Left Out: -1135.033+/-0.000 χ^2/NDF:737898176321861637766321460163546972 16.0/11

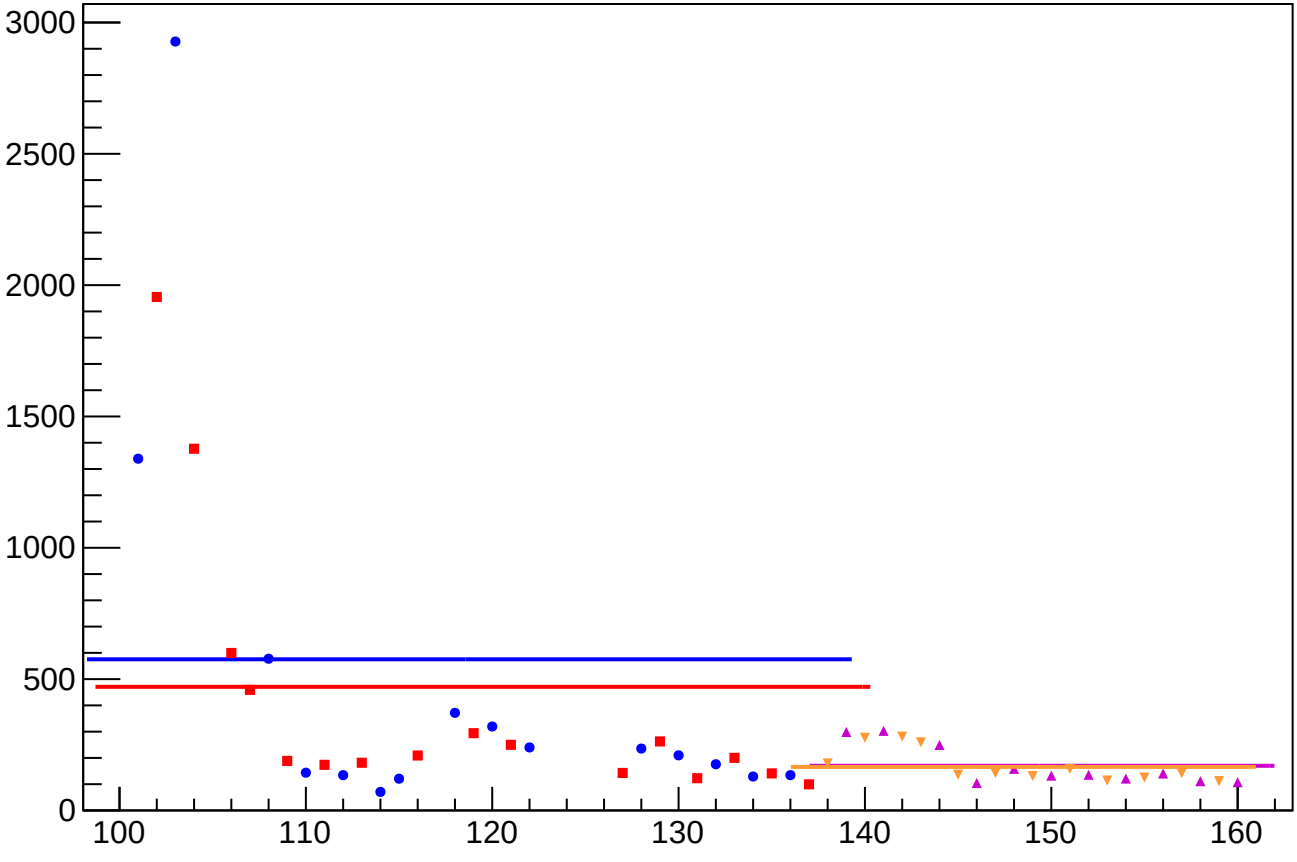
All: -938.547+/-0.000 χ^2/NDF: 8276336957 8

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: 165.815+/-0.000 χ^2/NDF:307773236232955660542687786866363 5968.0/11

Right Out: 470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

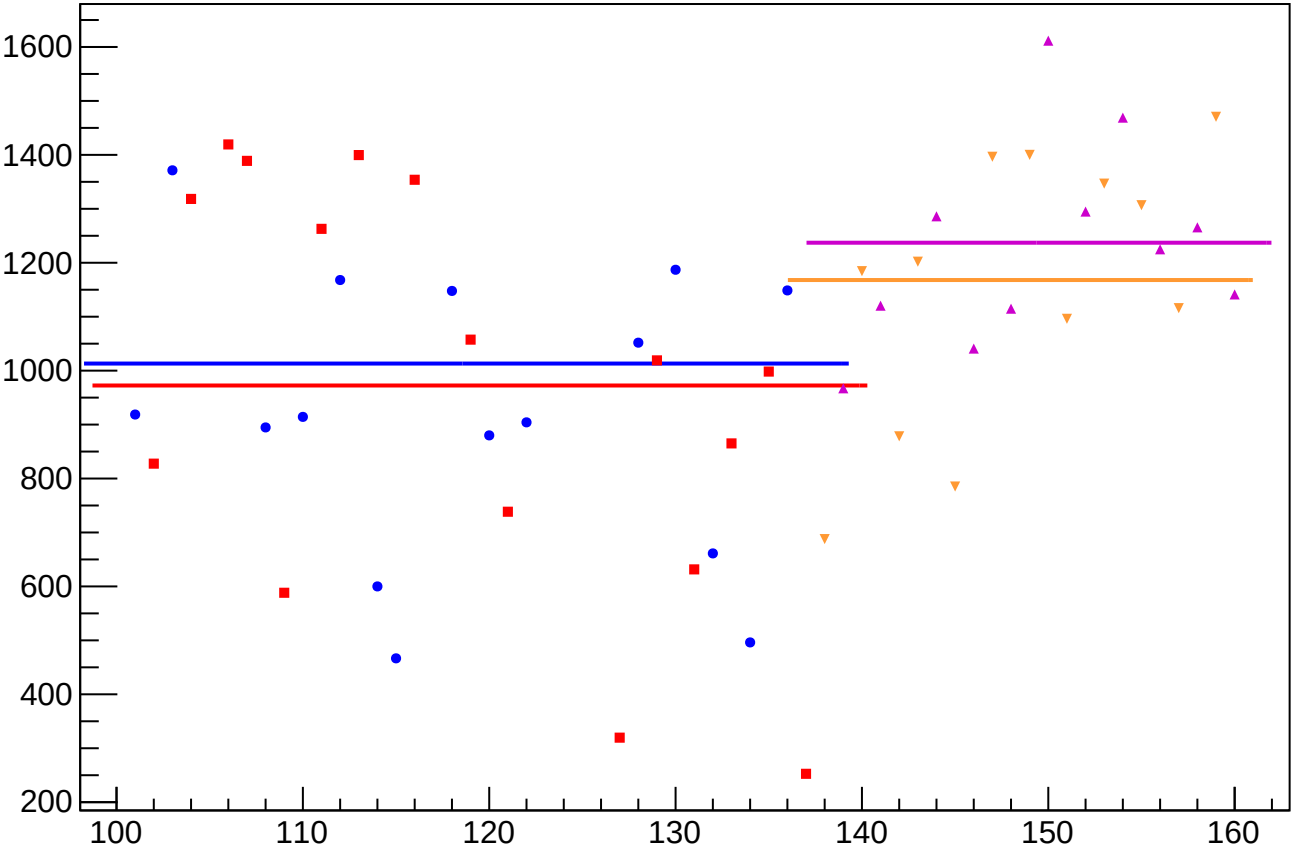
Left In: 170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465 3952.0/10

+ sign 335.612+/-0.000 χ^2/NDF: 49955129212153 9

All: 315.709+/-0.000 χ^2/NDF: 749954936369

- 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: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

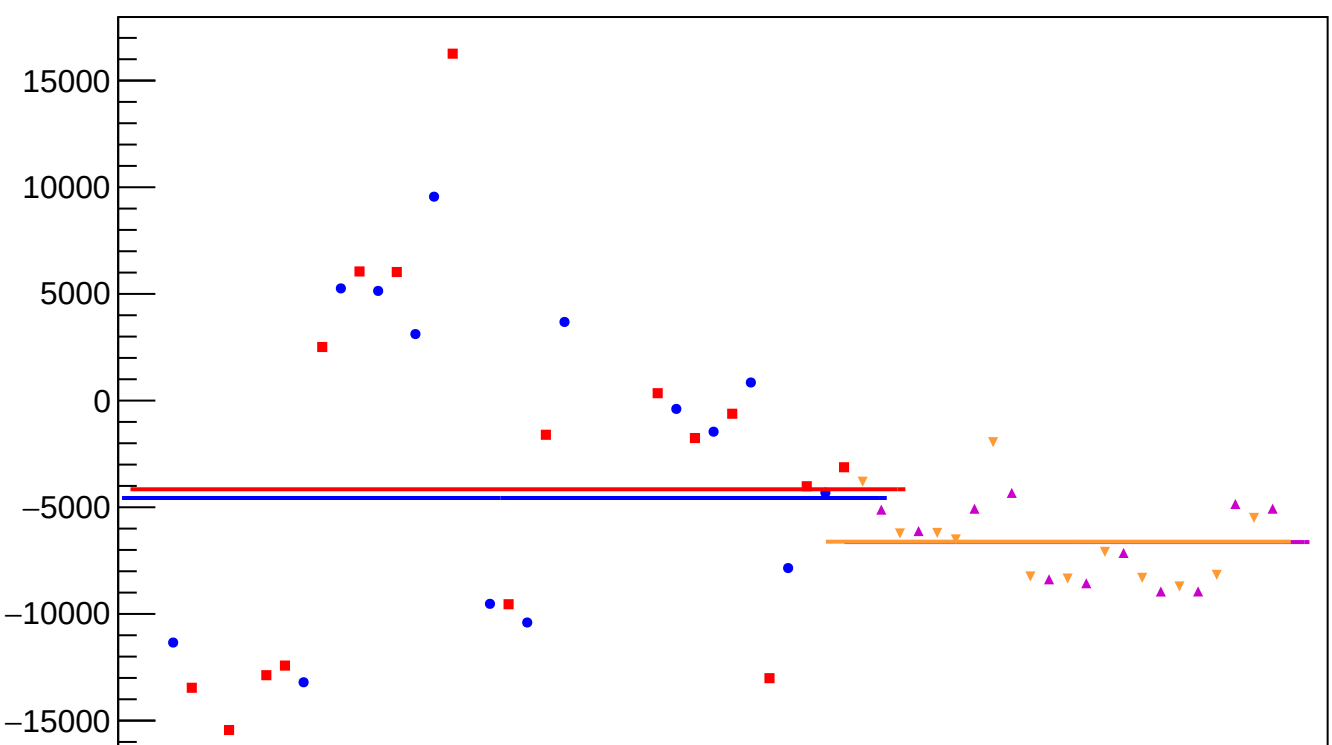
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

- 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: -6612.752+/-0.000 χ^2/NDF:3759909720266492863199038301551573598208.0/11

Right Out: -4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219 5968.0/15

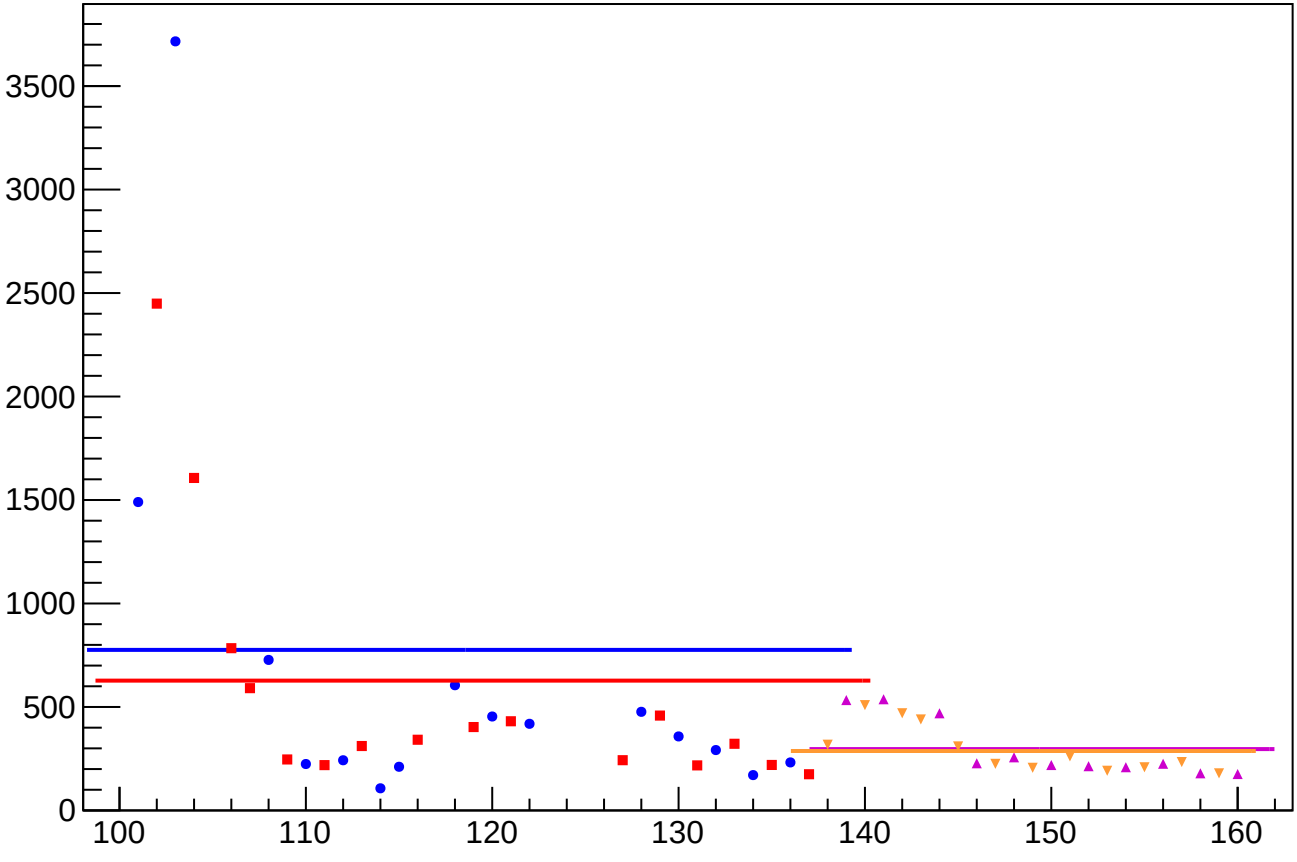
Left In: -6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10

+ sign -5764.270+/-0.000 χ^2/NDF: 4102062790522

All: -5678.449+/-0.000 χ^2/NDF: 9178607945

- 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: 287.283+/-0.000 χ^2/NDF:1055746707434177355947906974461670195 2.0/11

Right Out: 627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

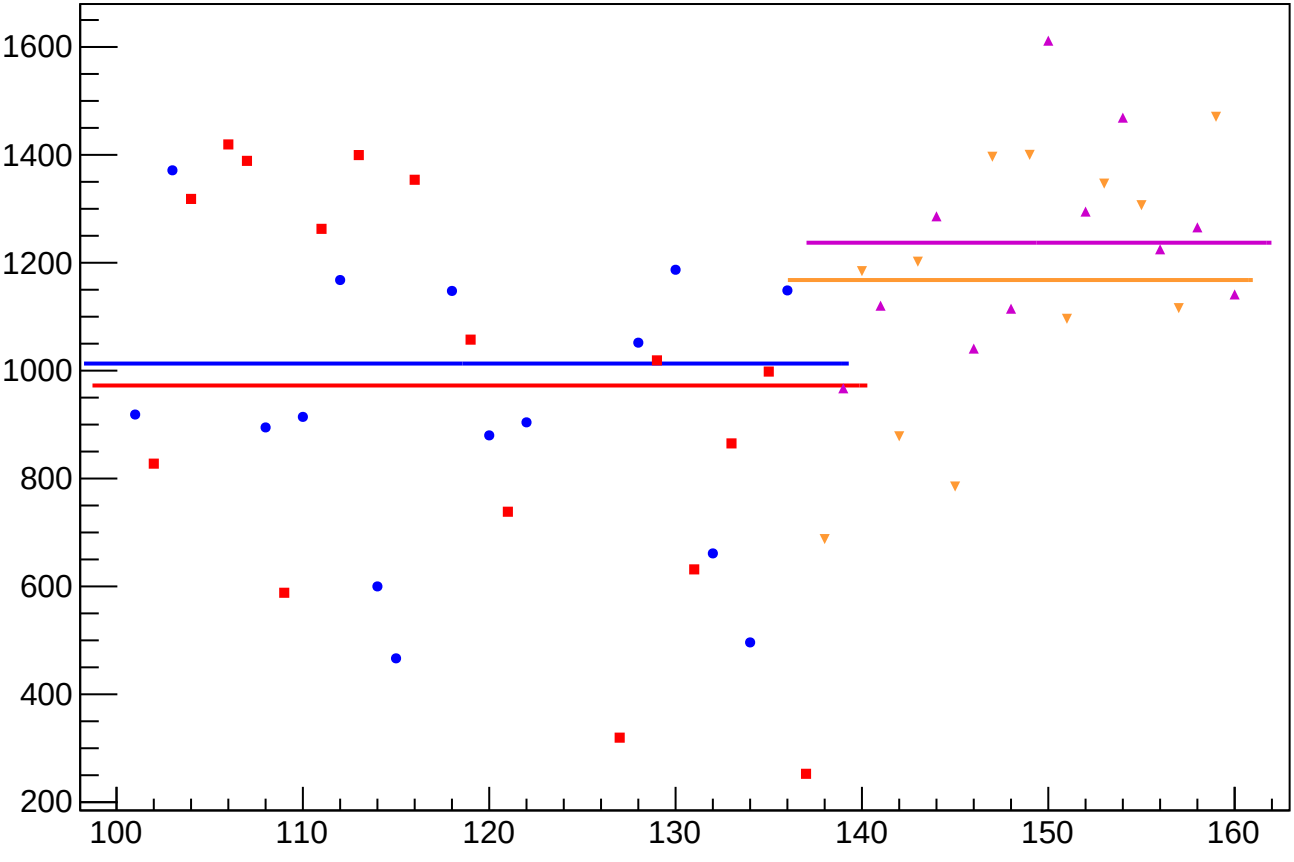
Left In: 296.514+/-0.000 χ^2/NDF:1706187902201648406429521022844456 1408.0/10

+ sign 489.750+/-0.000 χ^2/NDF: 7431179919389 11

All: 462.257+/-0.000 χ^2/NDF: 1102435880 85

- 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

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

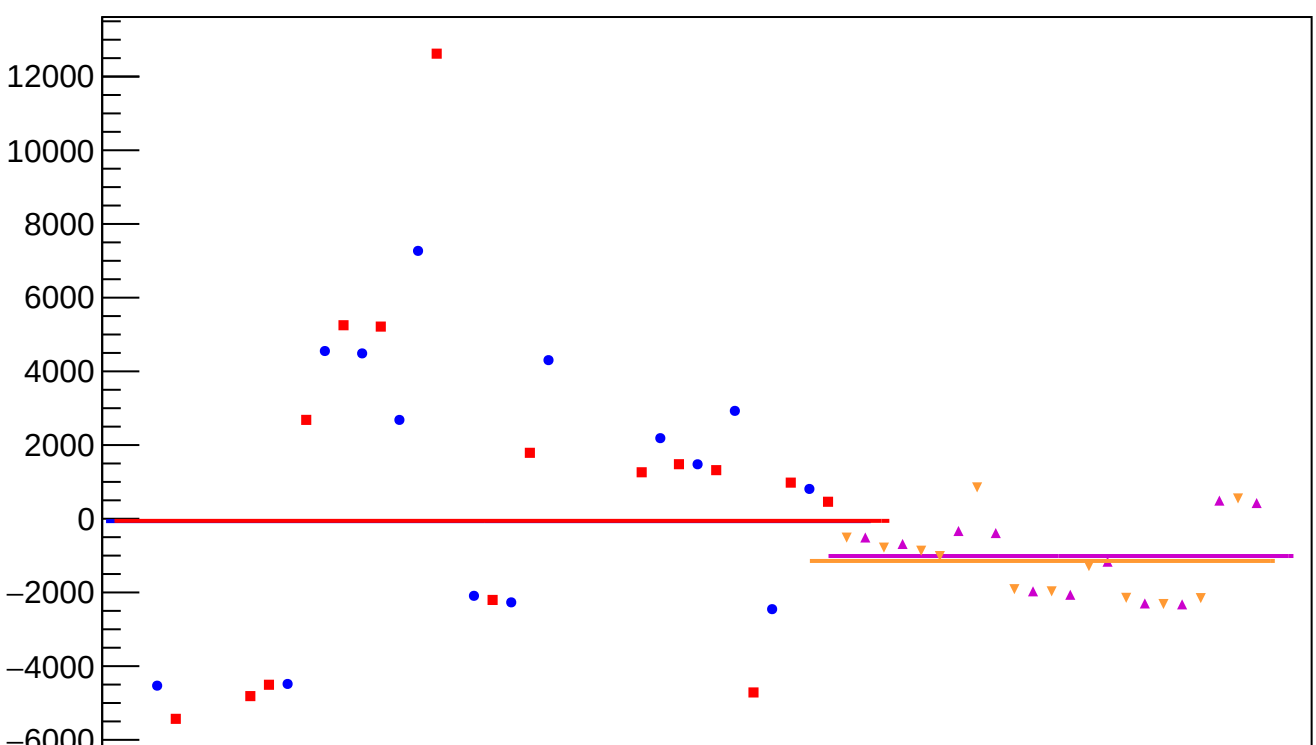
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14

+ sign -697.473+/-0.000 χ^2/NDF: 11037002785957

Left Out: -1145.277+/-0.000 χ^2/NDF:97907559634952082197435089781384019968 0.0/11

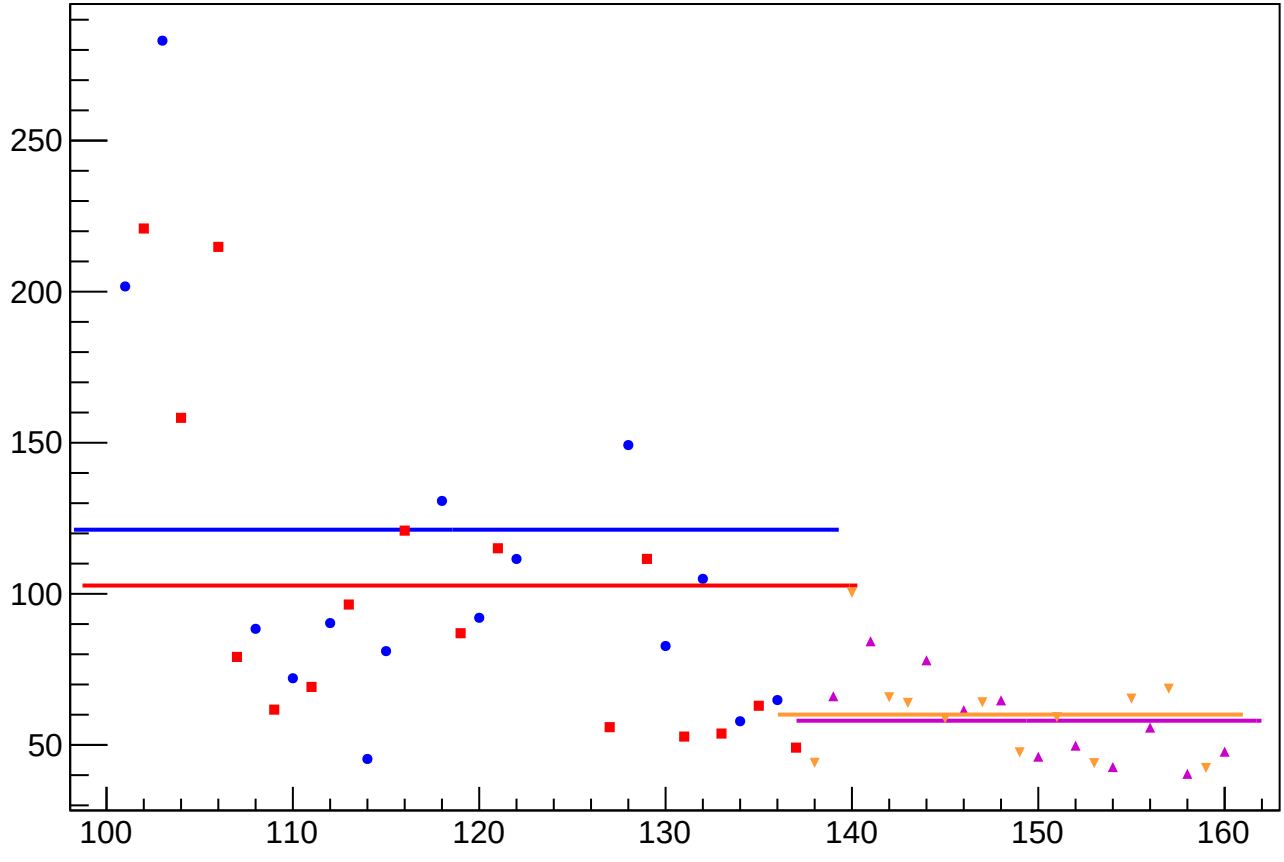
All: -654.052+/-0.000 χ^2/NDF: 2608032389 6

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: 272317085768436257480063759486130585 6.0/14

+ sign 85.399+/-0.000 χ^2/NDF: 4371083748180791

Left Out: 60.042+/-0.000 χ^2/NDF:225194152627424805036116621962248192.0/11

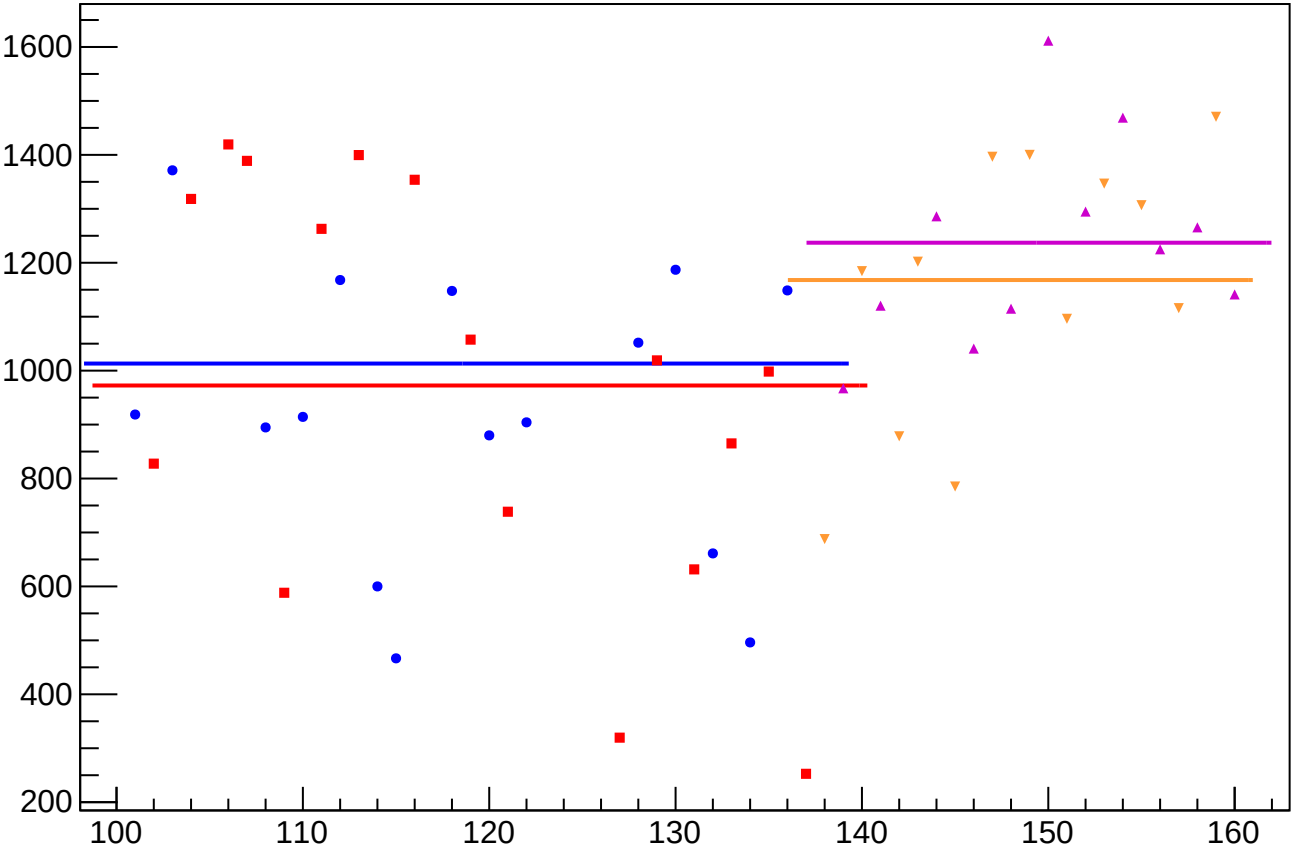
All: 81.049+/-0.000 χ^2/NDF: 735033291780 8

Right Out: 102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15

- sign 76.766+/-0.000 χ^2/NDF: 2920429745013475

Left In: 58.011+/-0.000 χ^2/NDF:177427701786540438757655027214450688.0/10

dit_sam5_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

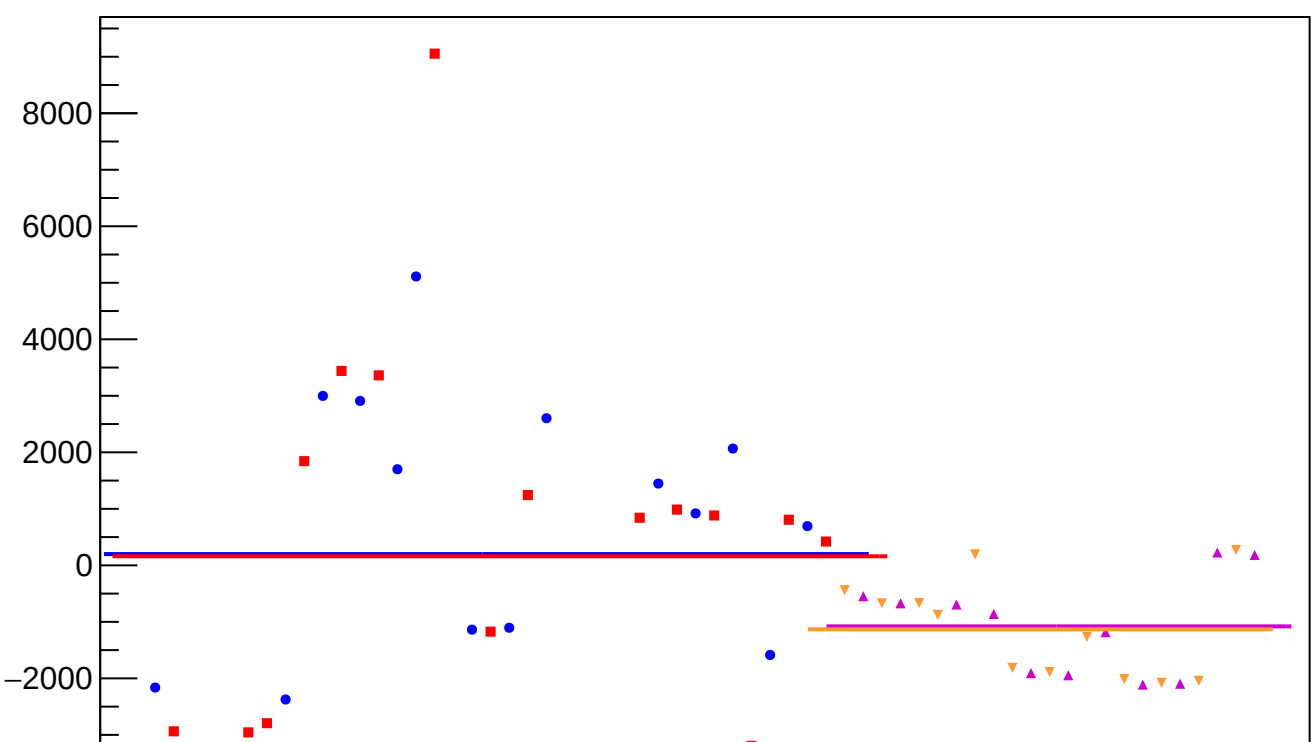
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 95441405756272

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

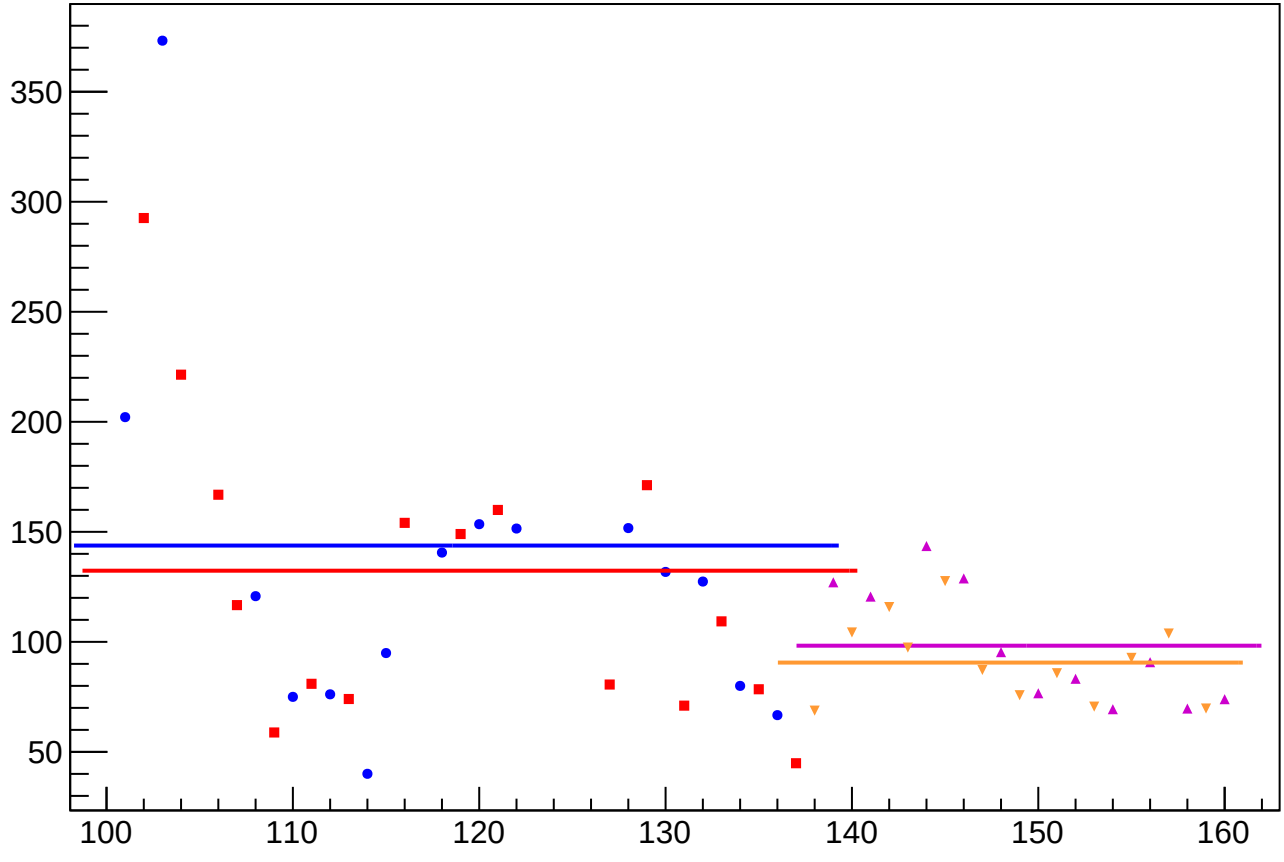
- sign 1126.185+/-0.000 χ^2/NDF: 13634656733460

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14
+ sign -580.031+/-0.000 χ^2/NDF: 46000935679809
Left Out: -1131.740+/-0.000 χ^2/NDF:658434610169859056709733978264796397568.0/11
All: -569.773+/-0.000 χ^2/NDF: 1149141822
Right Out: 160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15
- sign -559.678+/-0.000 χ^2/NDF: 689099774035240
Left In: -1079.555+/-0.000 χ^2/NDF:6147343985758774528580327527109120 49152.0/10

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764+/-0.000 χ^2/NDF: 451478586956577784990050859182194688 0.0/14

+ sign 112.623+/-0.000 χ^2/NDF: 58897442853677 5

Left Out: 90.584+/-0.000 χ^2/NDF:300208511037372941883923935499649024.0/11

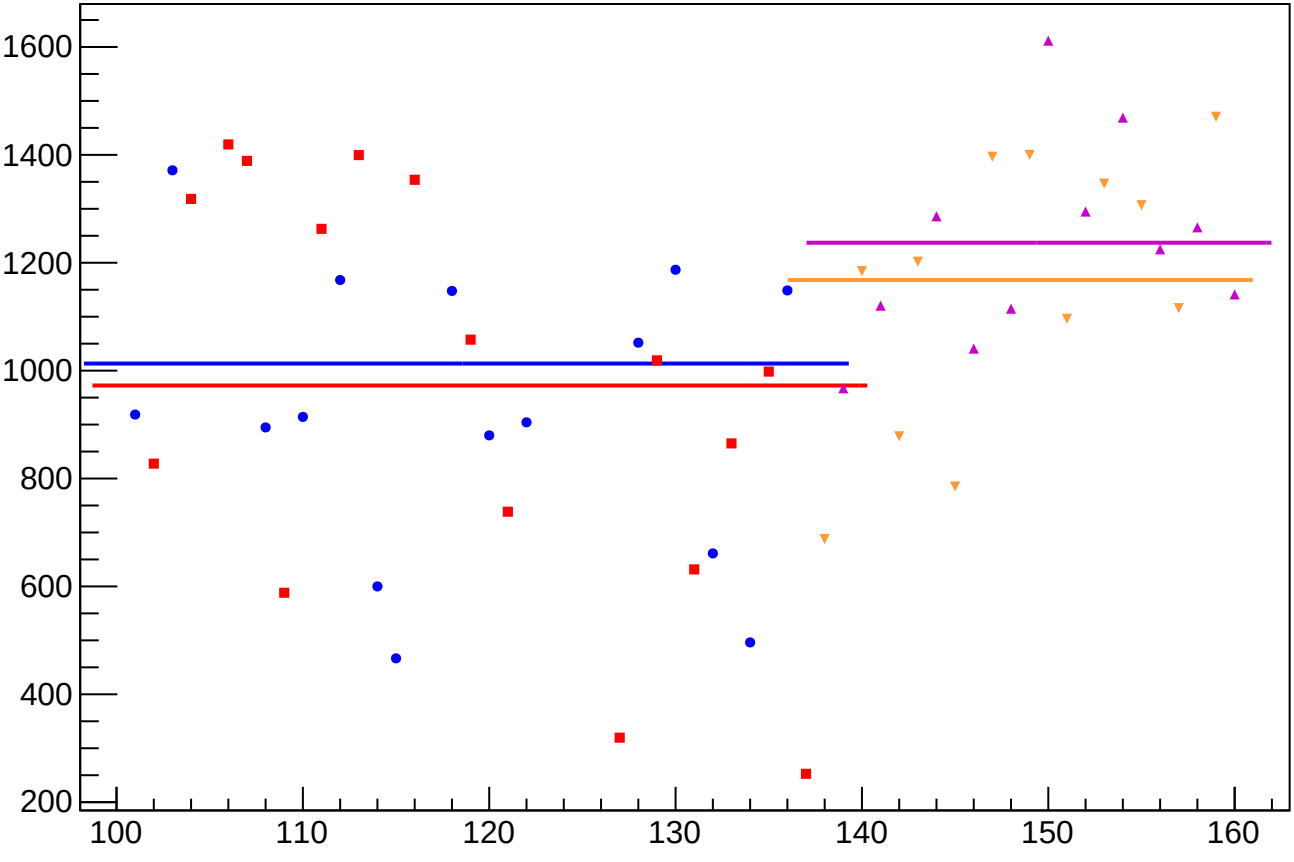
All: 112.584+/-0.000 χ^2/NDF: 10134841134 9

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:62099377677309339303336942847079 2192.0/10

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

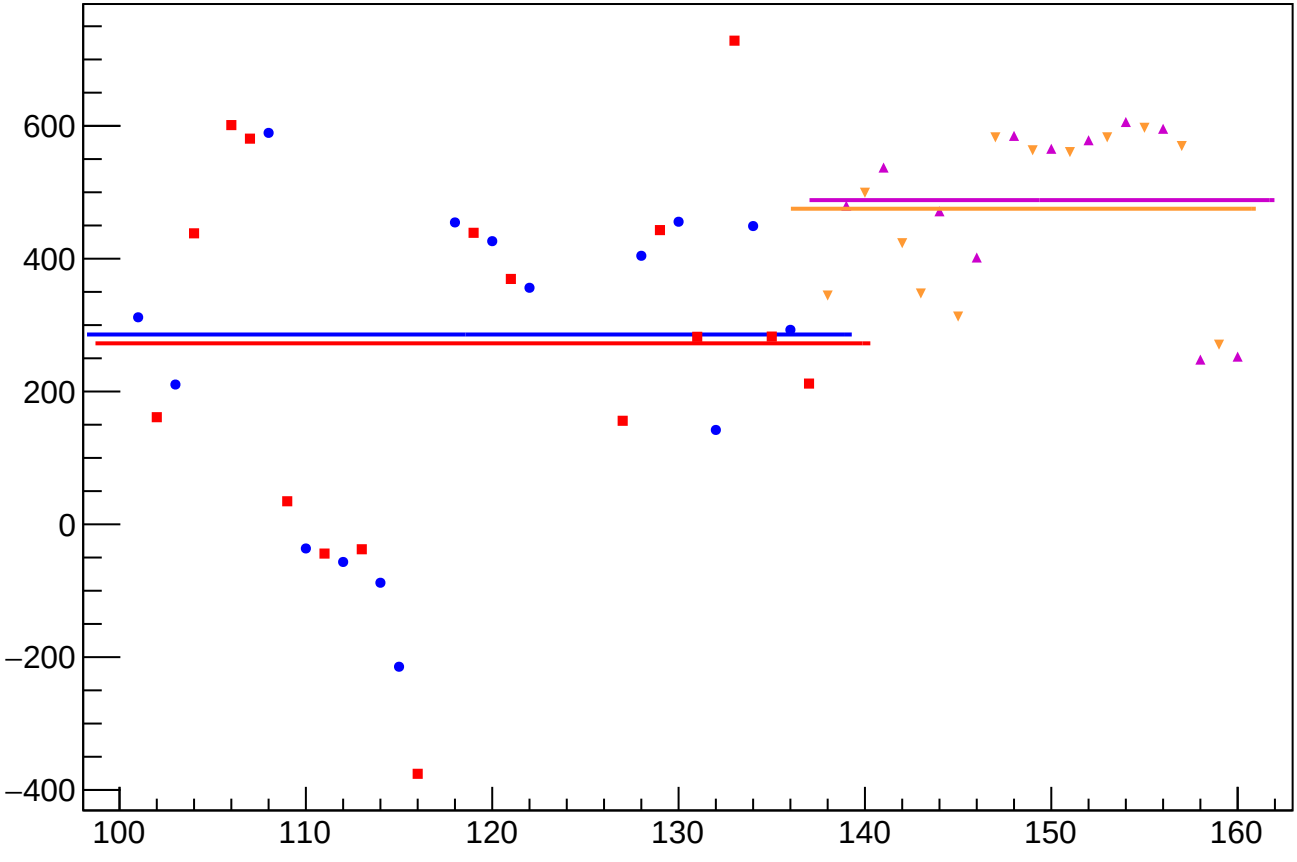
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Left Out: 475.235+/-0.000 χ^2/NDF:1307081868746512687407548052152306892 8.0/11

Right Out: 272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

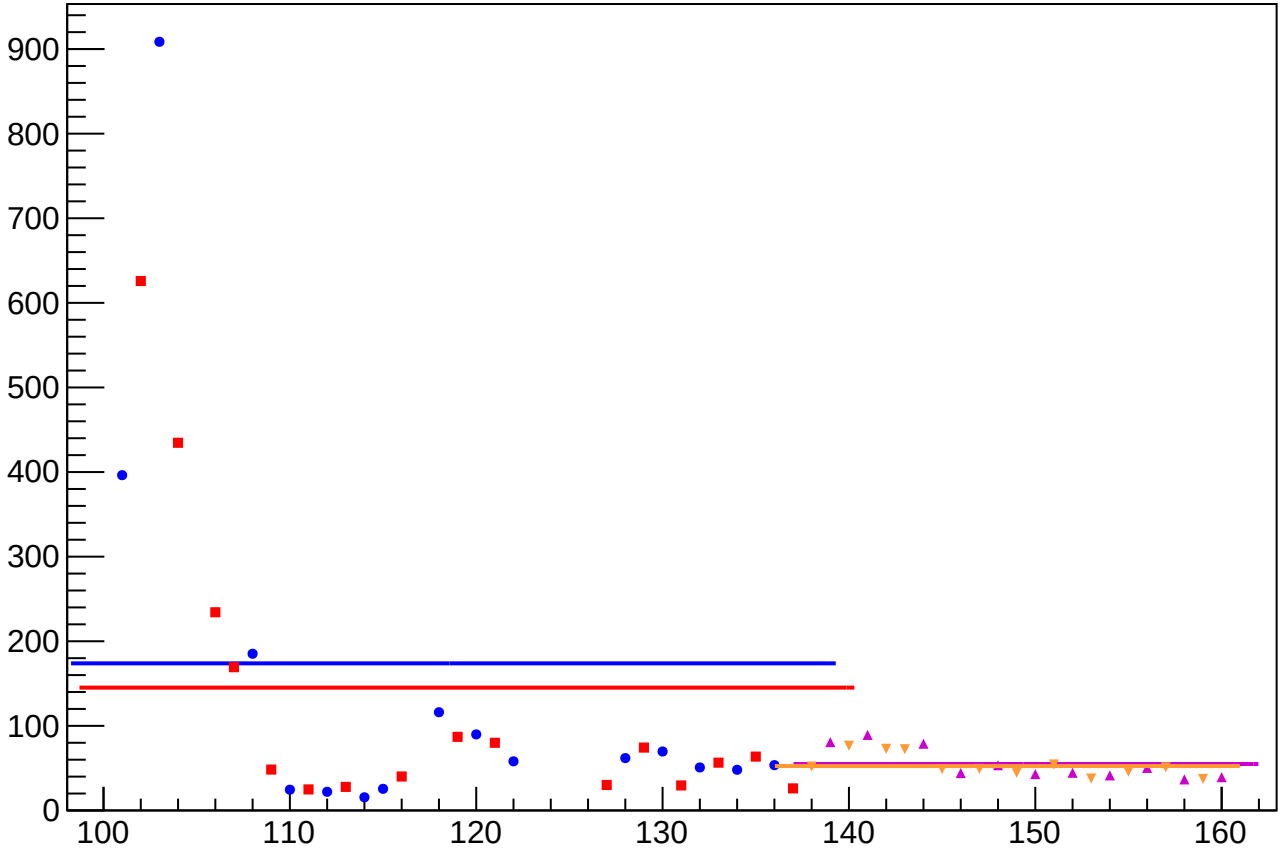
Left In: 488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10

+ sign 396.751+/-0.000 χ^2/NDF: 508087742294544

All: 397.274+/-0.000 χ^2/NDF: 12680558344

- 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: 4170547340446623261307370455499066572 8.0/14

+ sign 102.790+/-0.000 χ^2/NDF: 474462044613621

Left Out: 52.484+/-0.000 χ^2/NDF:1409825223123553752664838026716774 40.0/11

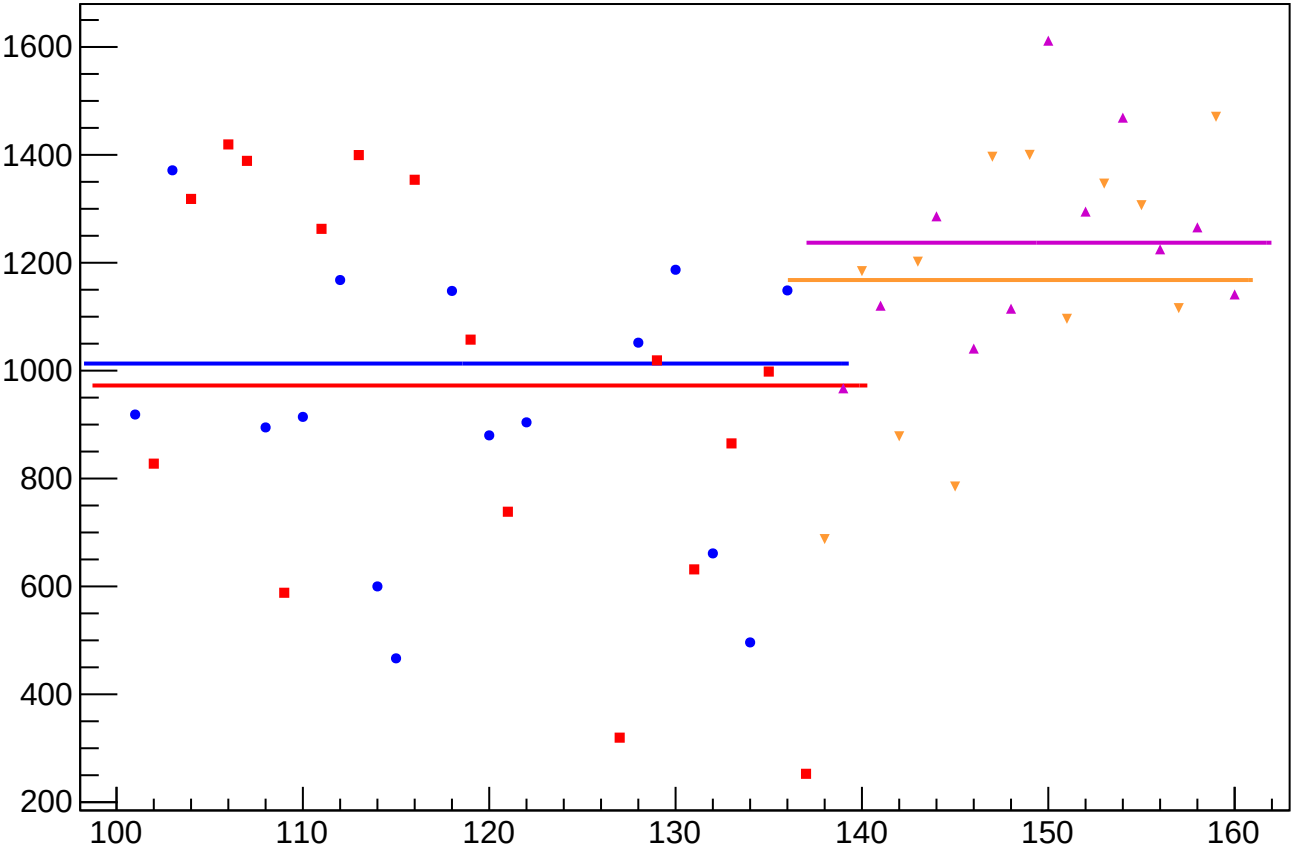
All: 97.737+/-0.000 χ^2/NDF: 735167863852 4

Right Out: 145.228+/-0.000 χ^2/NDF: 2252961571940859472078526574443783 7824.0/15

- sign 92.763+/-0.000 χ^2/NDF: 2599123168114386

Left In: 54.891+/-0.000 χ^2/NDF:3003582745061136124863381758845911 04.0/10

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

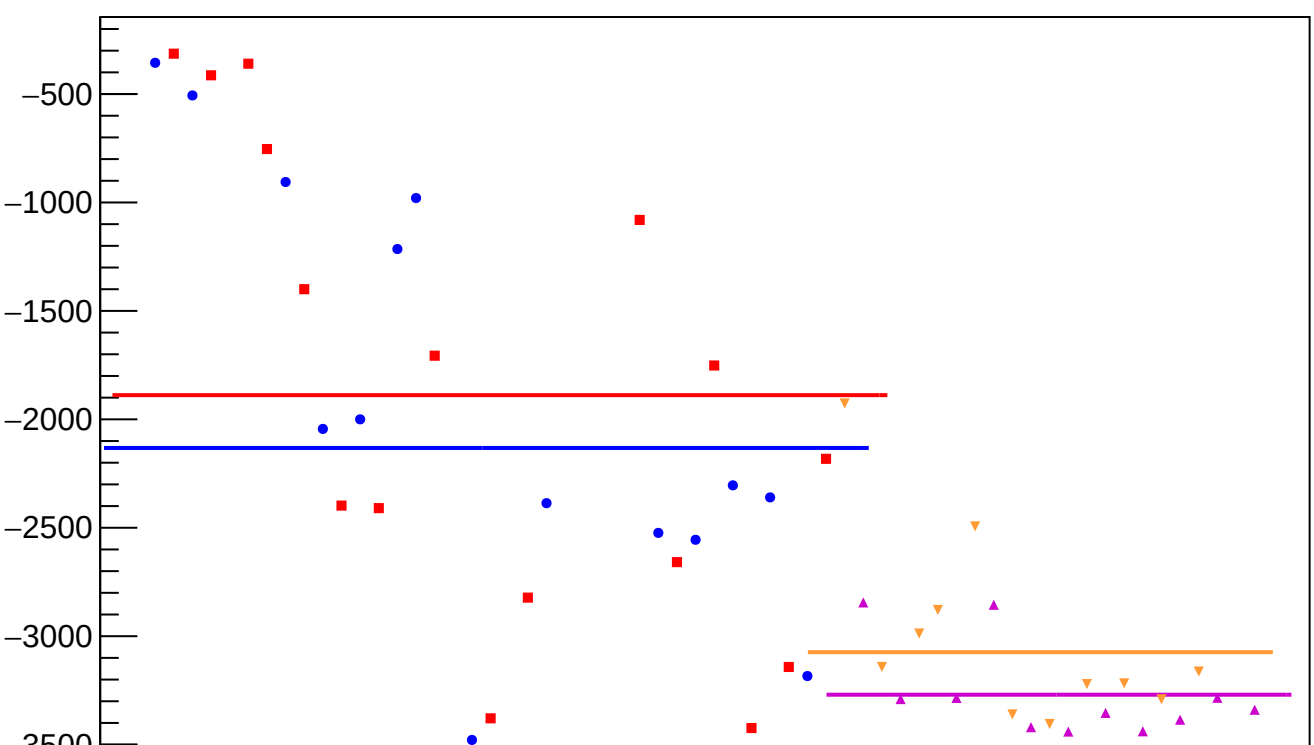
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

+ sign -2683.355+/-0.000 χ^2/NDF: 1246857732983

Left Out: -3073.640+/-0.000 χ^2/NDF:1873855824368527837793696110009940705 28.0/11

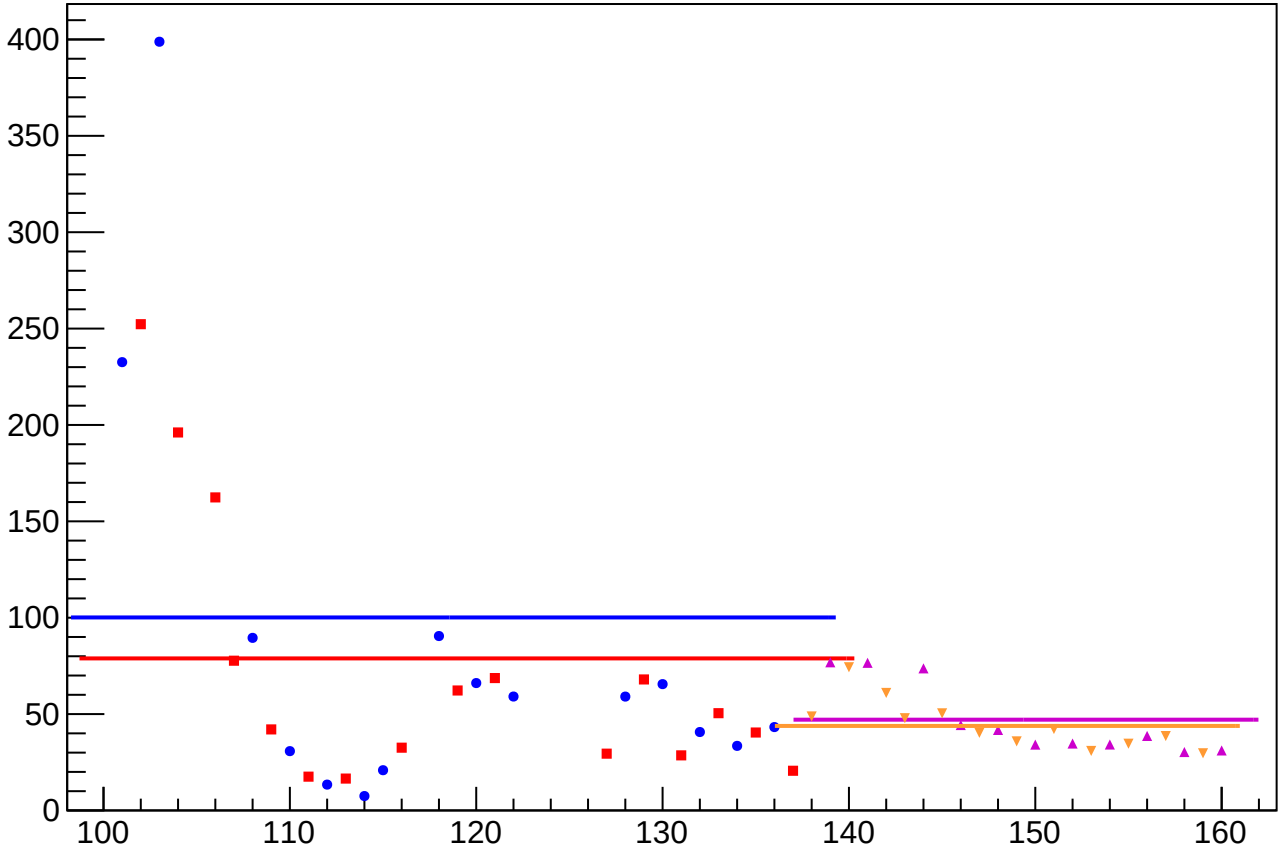
All: -2687.039+/-0.000 χ^2/NDF: 2816093255

Right Out: -1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

- sign -2690.665+/-0.000 χ^2/NDF: 1569193348626 8

Left In: -3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

+ sign 67.177+/-0.000 χ^2/NDF: 9159773877688145

Left Out: 43.850+/-0.000 χ^2/NDF:1419169669218025909826122649666846 72.0/11

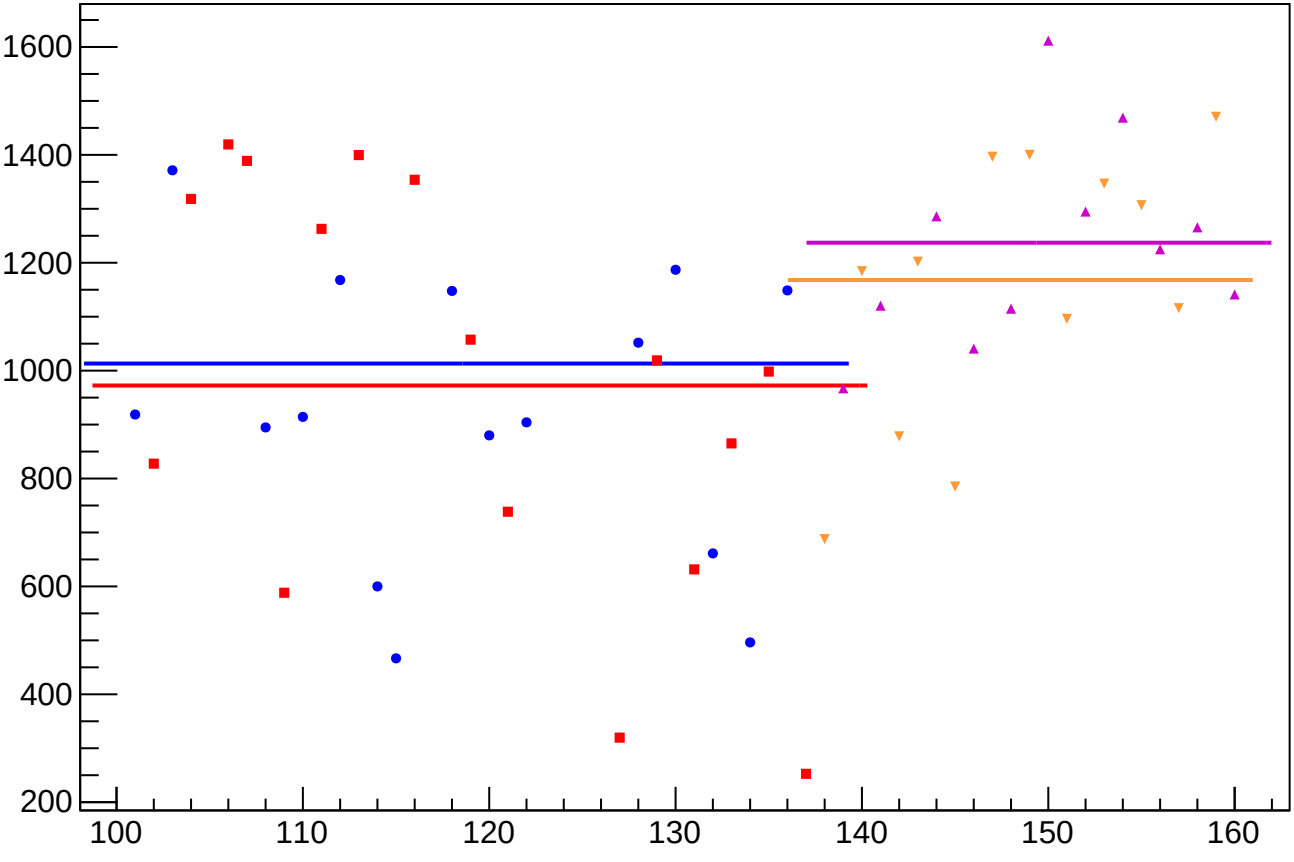
All: 63.771+/-0.000 χ^2/NDF: 134149356421 6

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

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

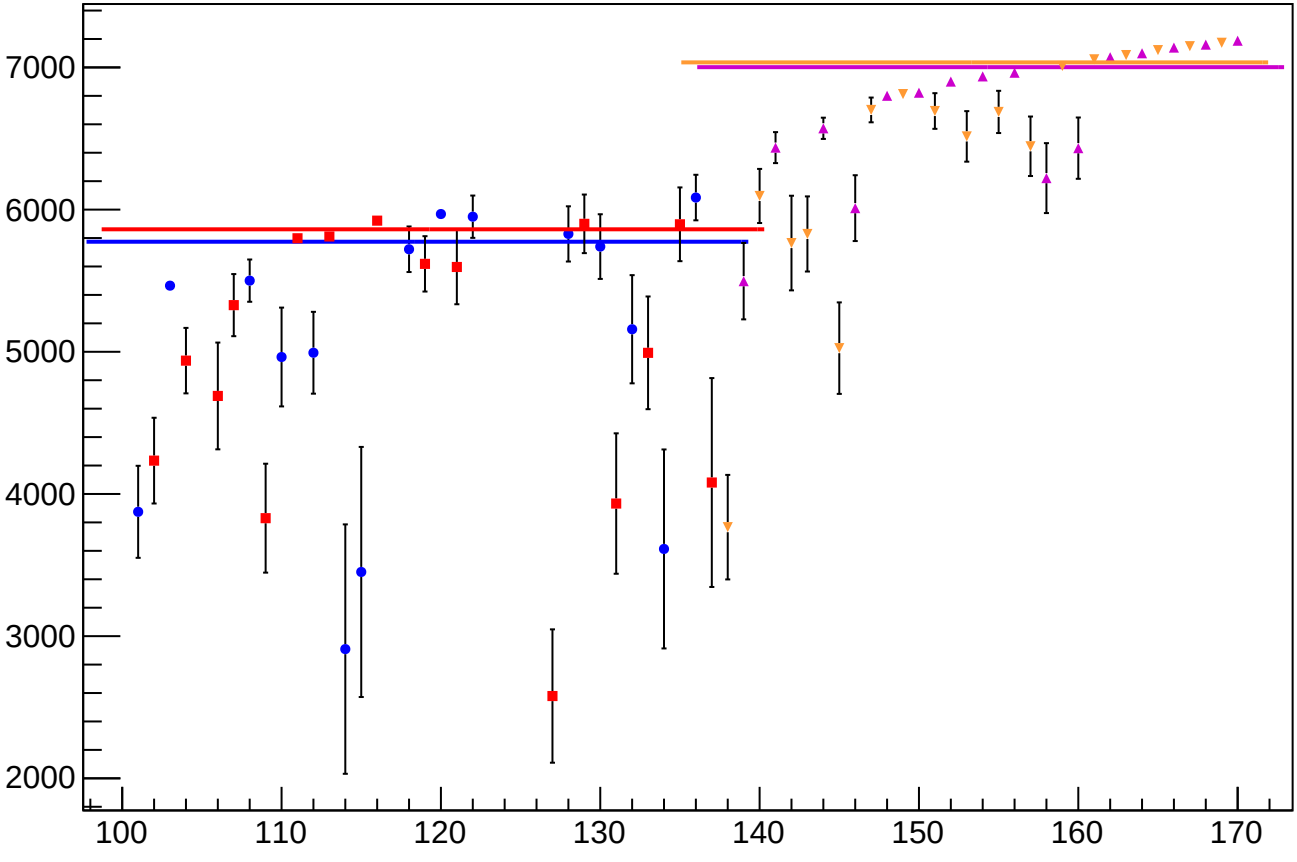
Left In: 1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

+ sign 1103.808+/-0.000 χ^2/NDF: 9544140575627 2

All: 1115.086+/-0.000 χ^2/NDF: 2321831491 6

- sign 1126.185+/-0.000 χ^2/NDF: 1363465673346 0

dit_run_mean vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7035.490+/-0.156 χ^2/NDF:809538.6/16

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

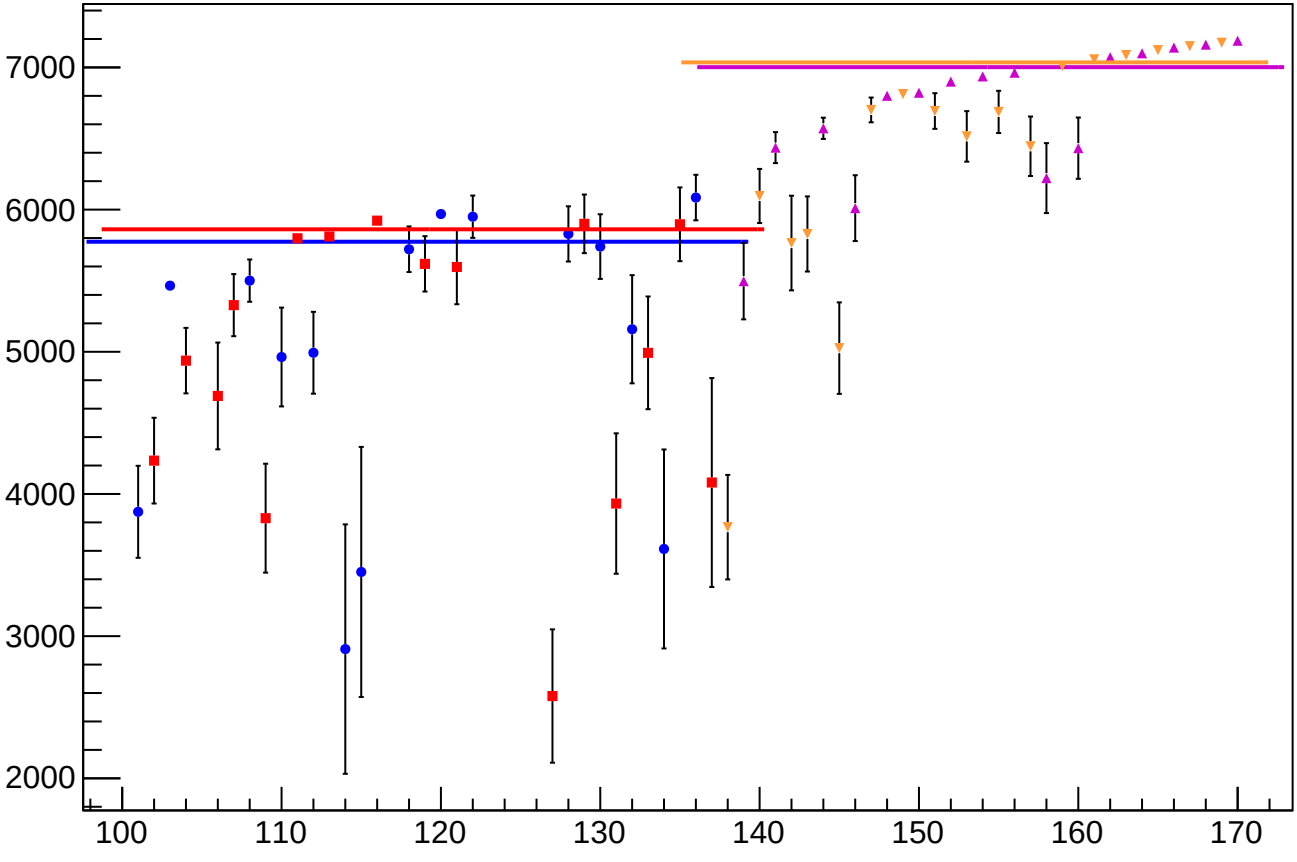
Left In: 7001.833+/-0.126 χ^2/NDF:1324782.8/15

+ sign 6498.159+/-0.118 χ^2/NDF: 30375515.5/31

All: 6493.373+/-0.073 χ^2/NDF: 68698500.4/6

- sign 6490.392+/-0.093 χ^2/NDF: 38320334.9/31

dit_run_rms vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7035.490+/-0.156 χ^2/NDF:809538.6/16

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

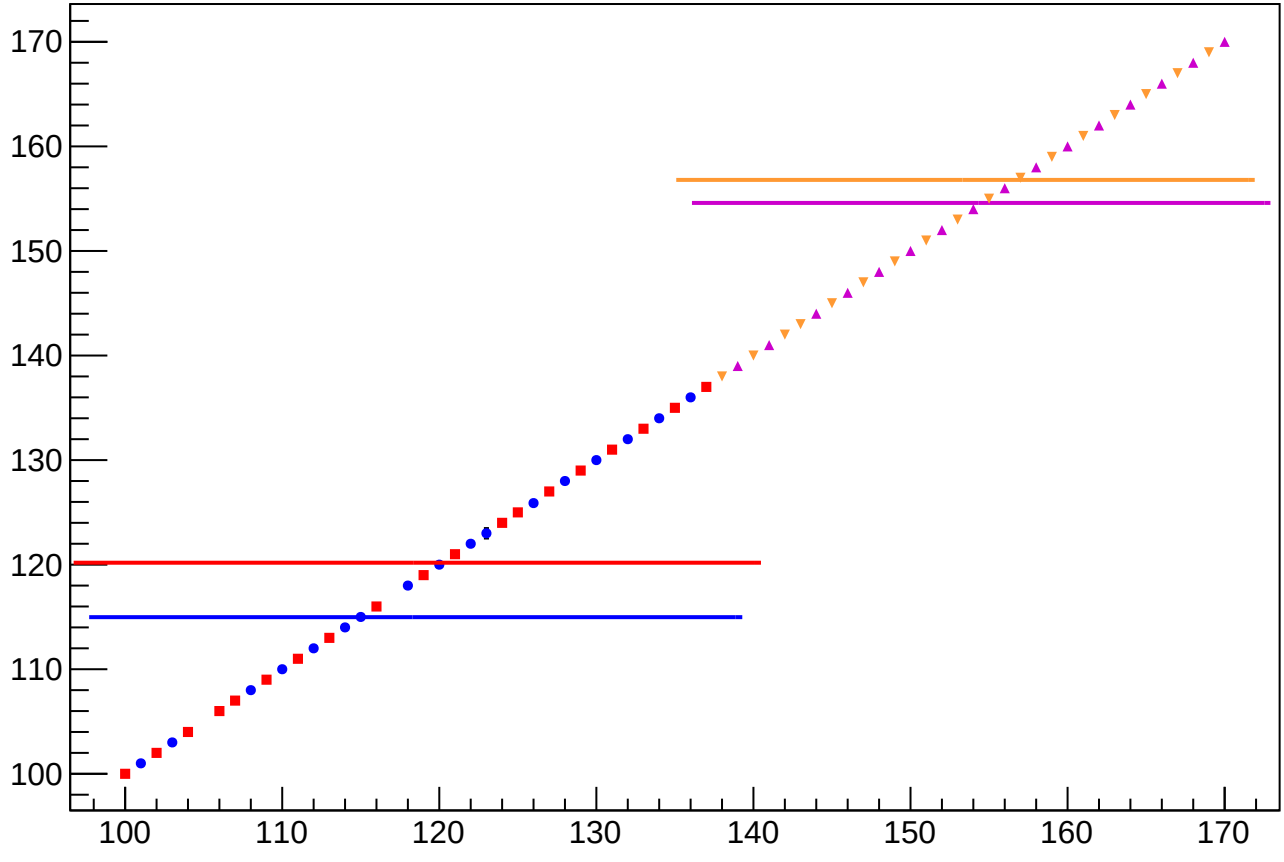
Left In: 7001.833+/-0.126 χ^2/NDF:1324782.8/15

+ sign 6498.159+/-0.118 χ^2/NDF: 30375515.5/31

All: 6493.373+/-0.073 χ^2/NDF: 68698500.4/6

- sign 6490.392+/-0.093 χ^2/NDF: 38320334.9/31

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 156.796+/-0.000 χ^2/NDF:5963294673973996356331867891302 4.0/16

Right Out: 120.186+/-0.000 χ^2/NDF: 5223325364426169552819804176384 0.0/18

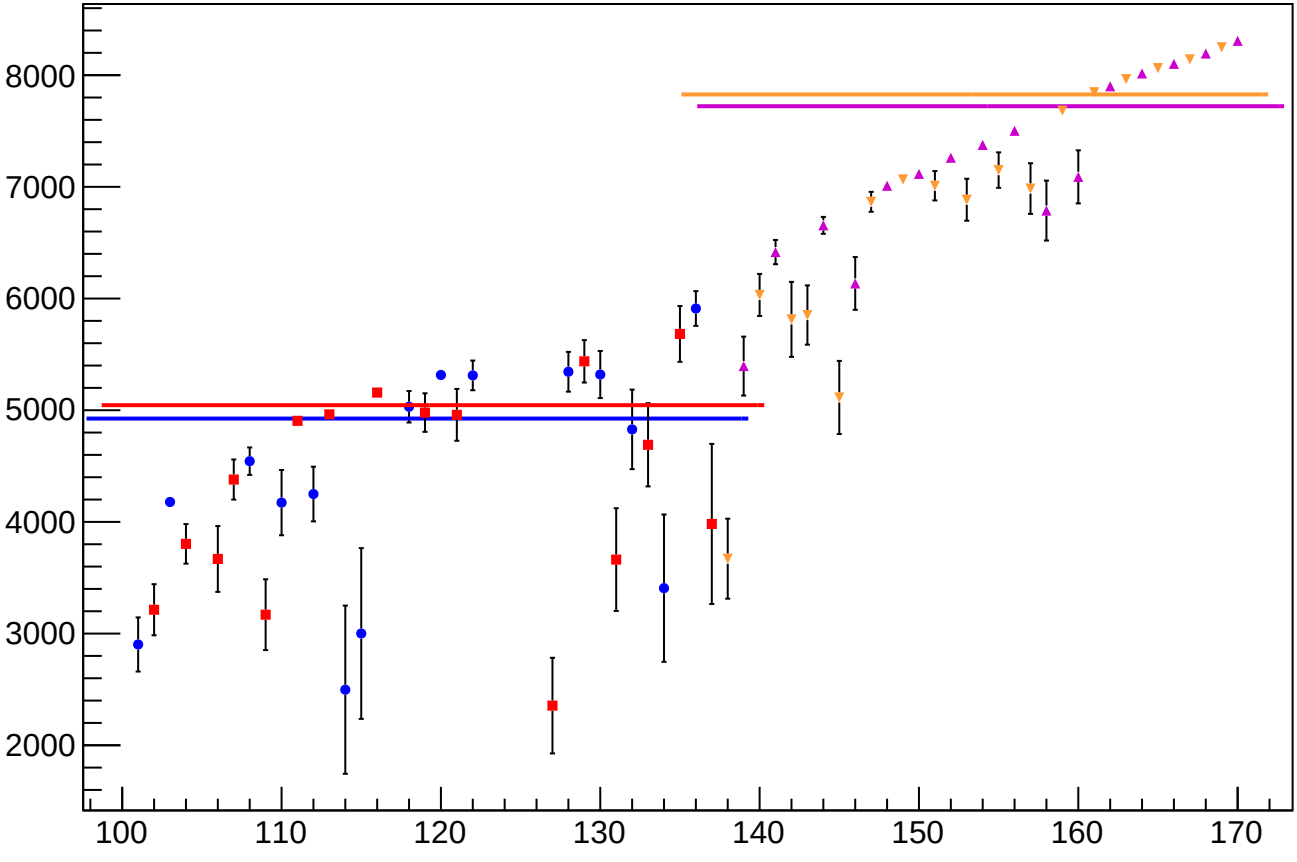
Left In: 154.594+/-0.000 χ^2/NDF:3259329891363607769150170071040 0.0/15

+ sign 129.333+/-0.000 χ^2/NDF: 105766048195096

All: 131.945+/-0.000 χ^2/NDF: 169946177967

- sign 135.217+/-0.000 χ^2/NDF: 607267180393045

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7827.632+/-0.625 χ^2/NDF:405537.7/16

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

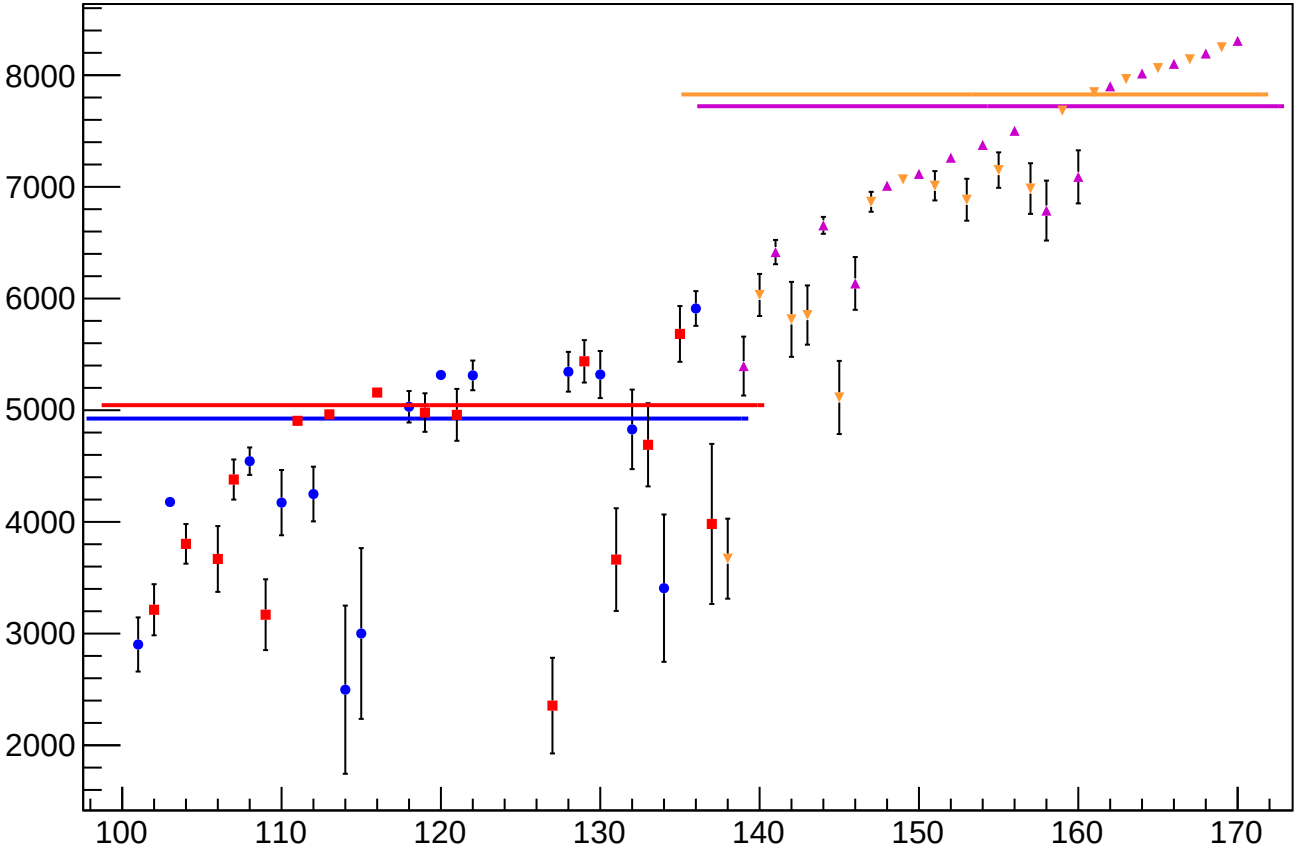
Left In: 7722.016+/-0.517 χ^2/NDF:787865.4/15

+ sign 6935.659+/-0.520 χ^2/NDF: 7358180.7/31

All: 6801.746+/-0.321 χ^2/NDF: 18329441.8/6

- sign 6719.114+/-0.409 χ^2/NDF: 10864180.0/31

dit_cyclenum_rms vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7827.632+/-0.625 χ^2/NDF:405537.7/16

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

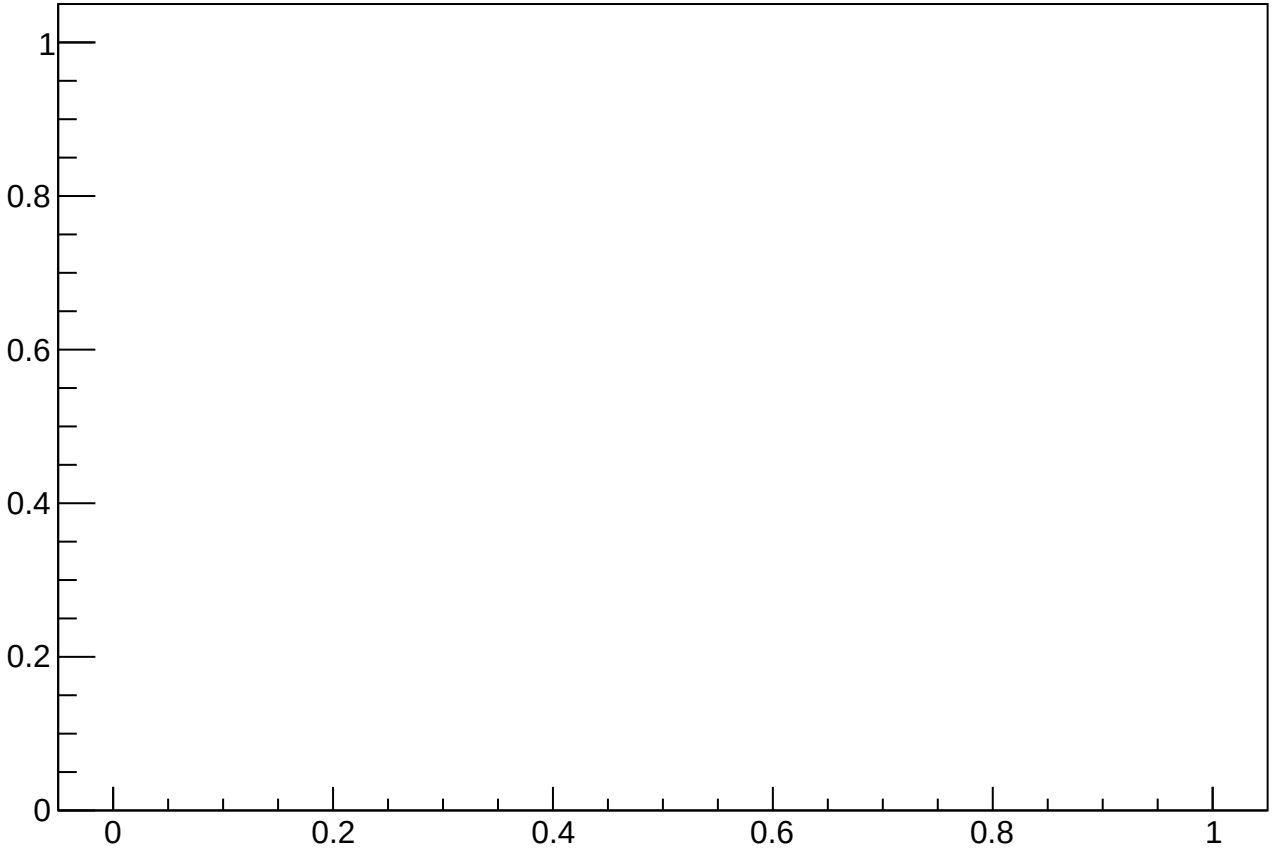
Left In: 7722.016+/-0.517 χ^2/NDF:787865.4/15

+ sign 6935.659+/-0.520 χ^2/NDF: 7358180.7/31

All: 6801.746+/-0.321 χ^2/NDF: 18329441.8/6

- sign 6719.114+/-0.409 χ^2/NDF: 10864180.0/31

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

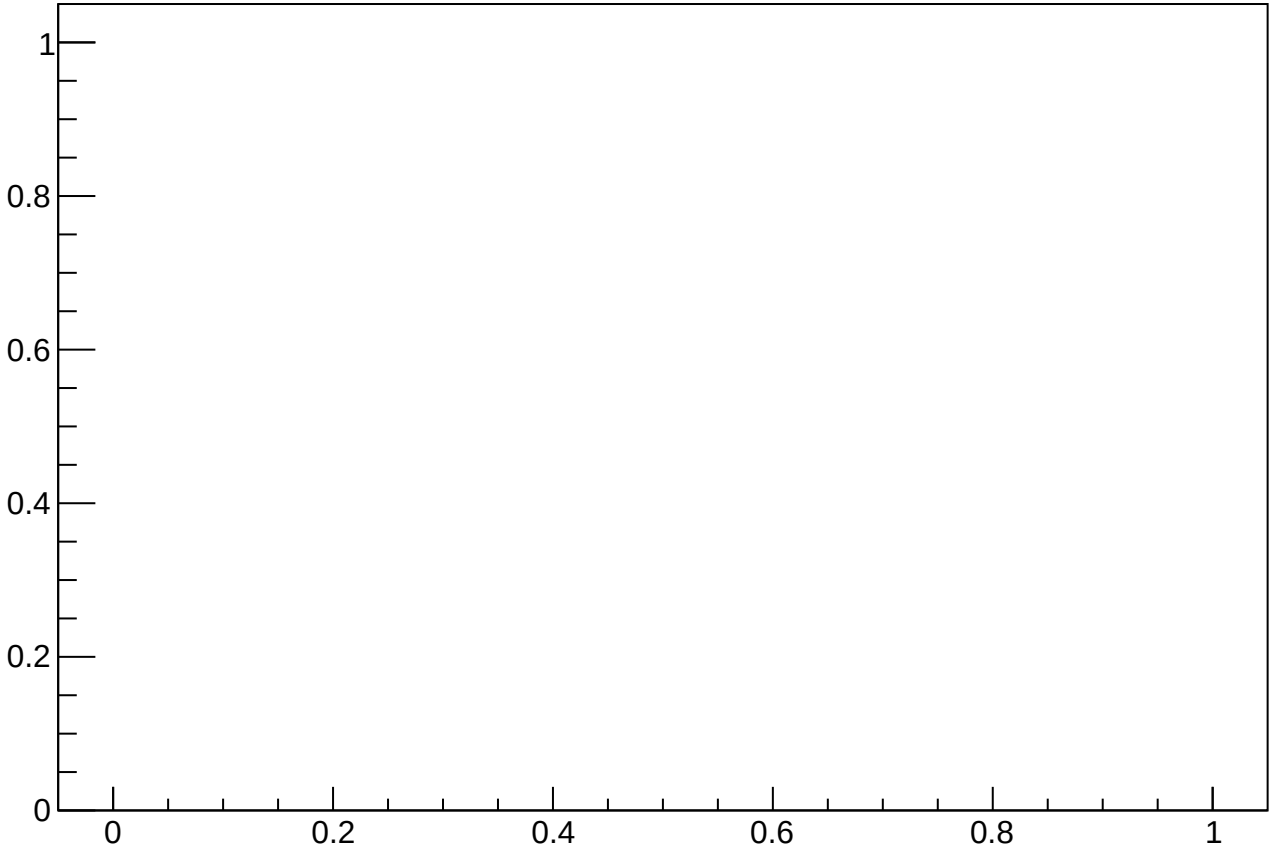
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

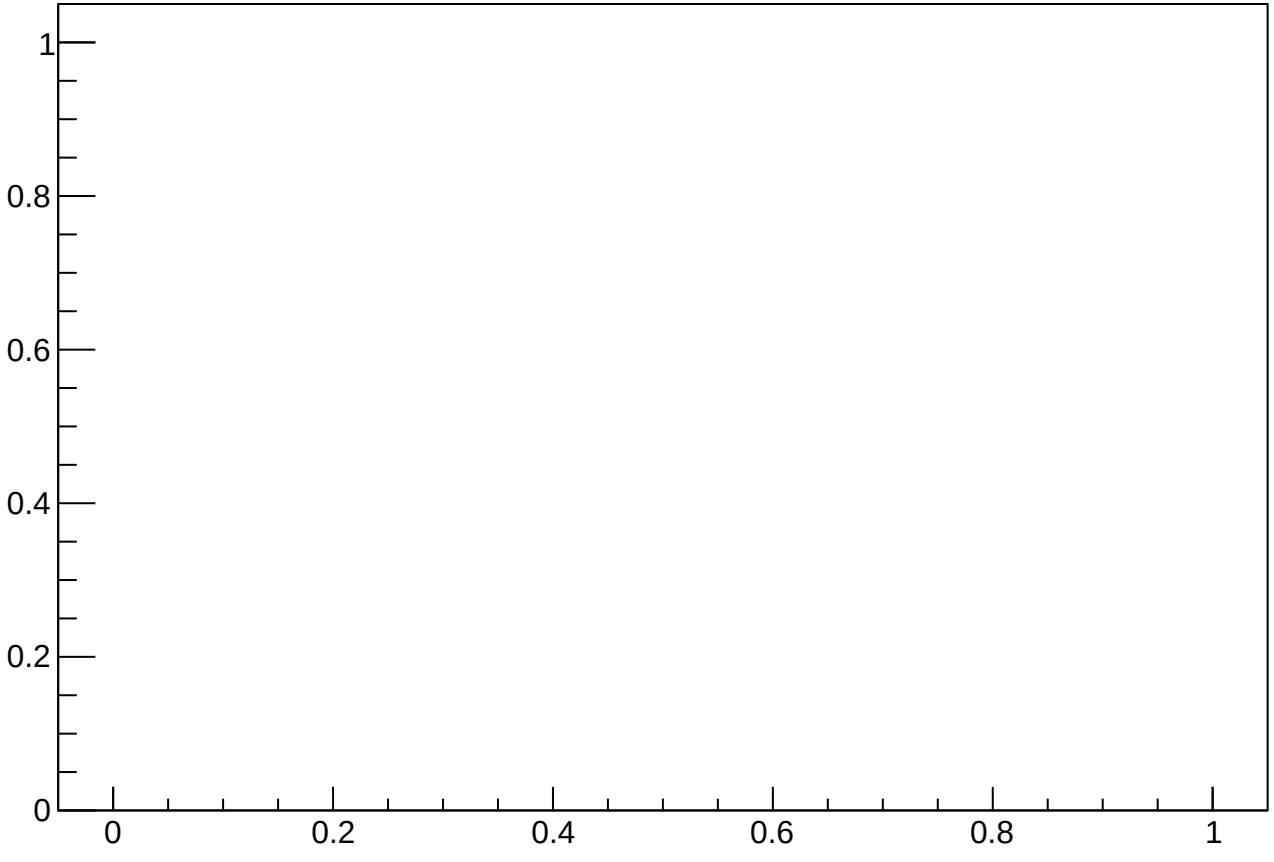
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

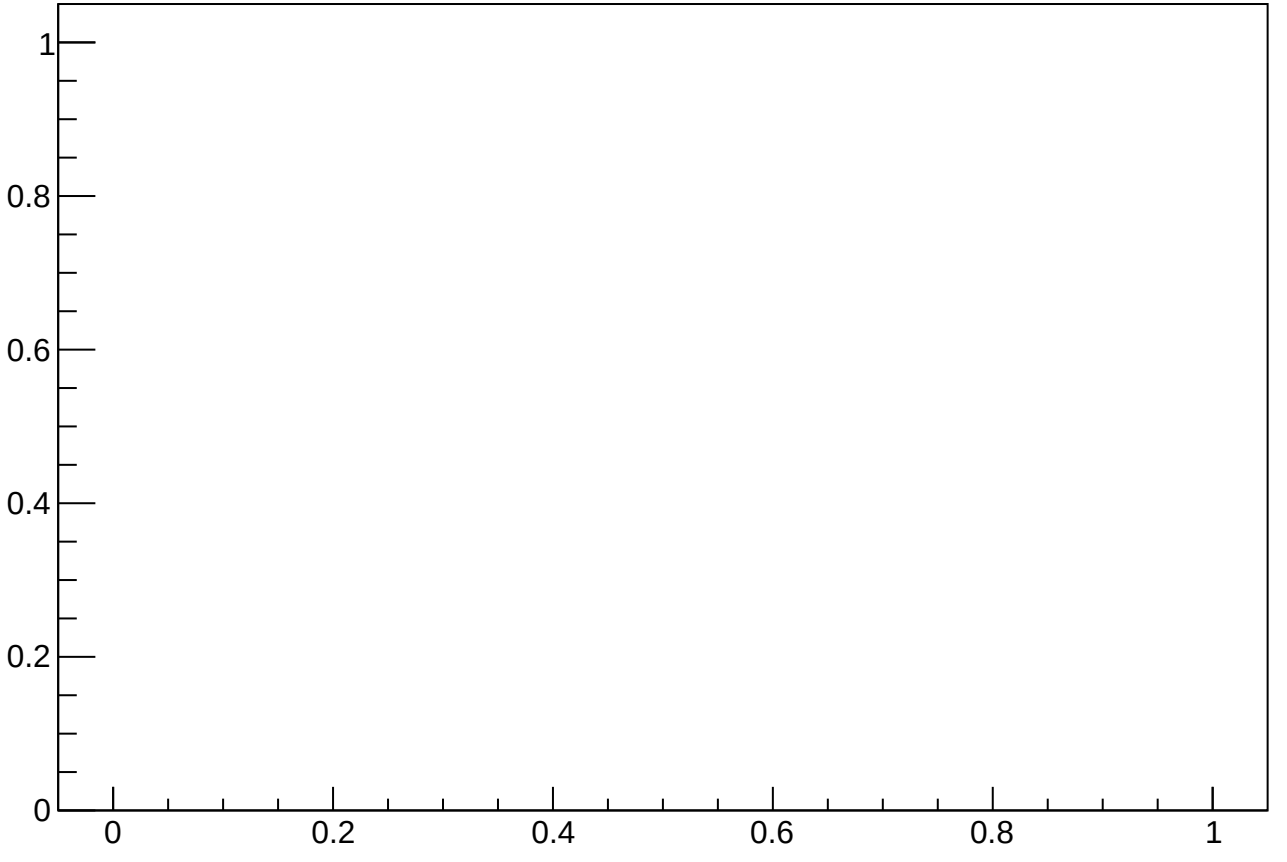
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

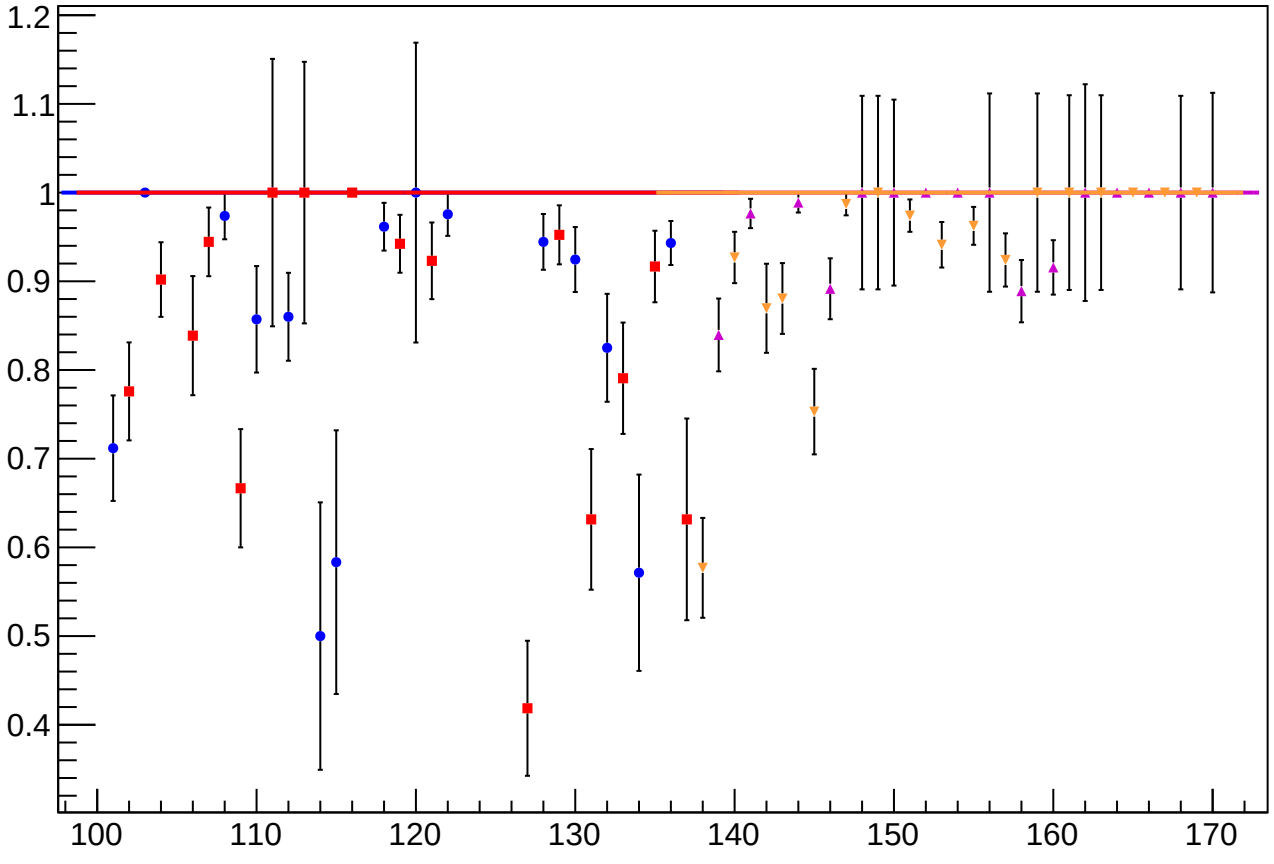
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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:181.6/16

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

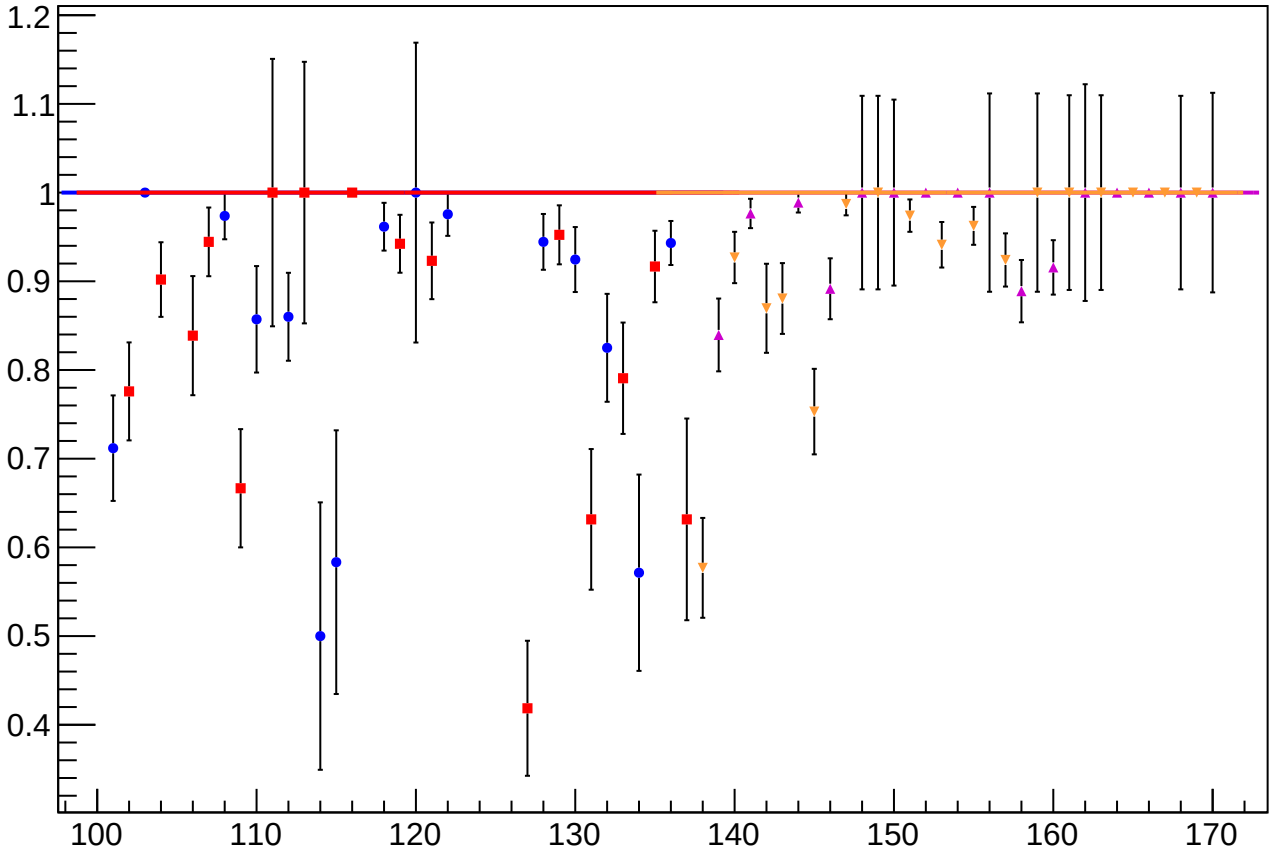
Left In: 1.000+/-0.000 χ^2/NDF:1081.3/15

+ sign 1.000+/-0.000 χ^2/NDF: 389.4/31

All: 1.000+/-0.000 χ^2/NDF: 1027.2/63

- sign 1.000+/-0.000 χ^2/NDF: 490.5/31

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:181.6/16

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

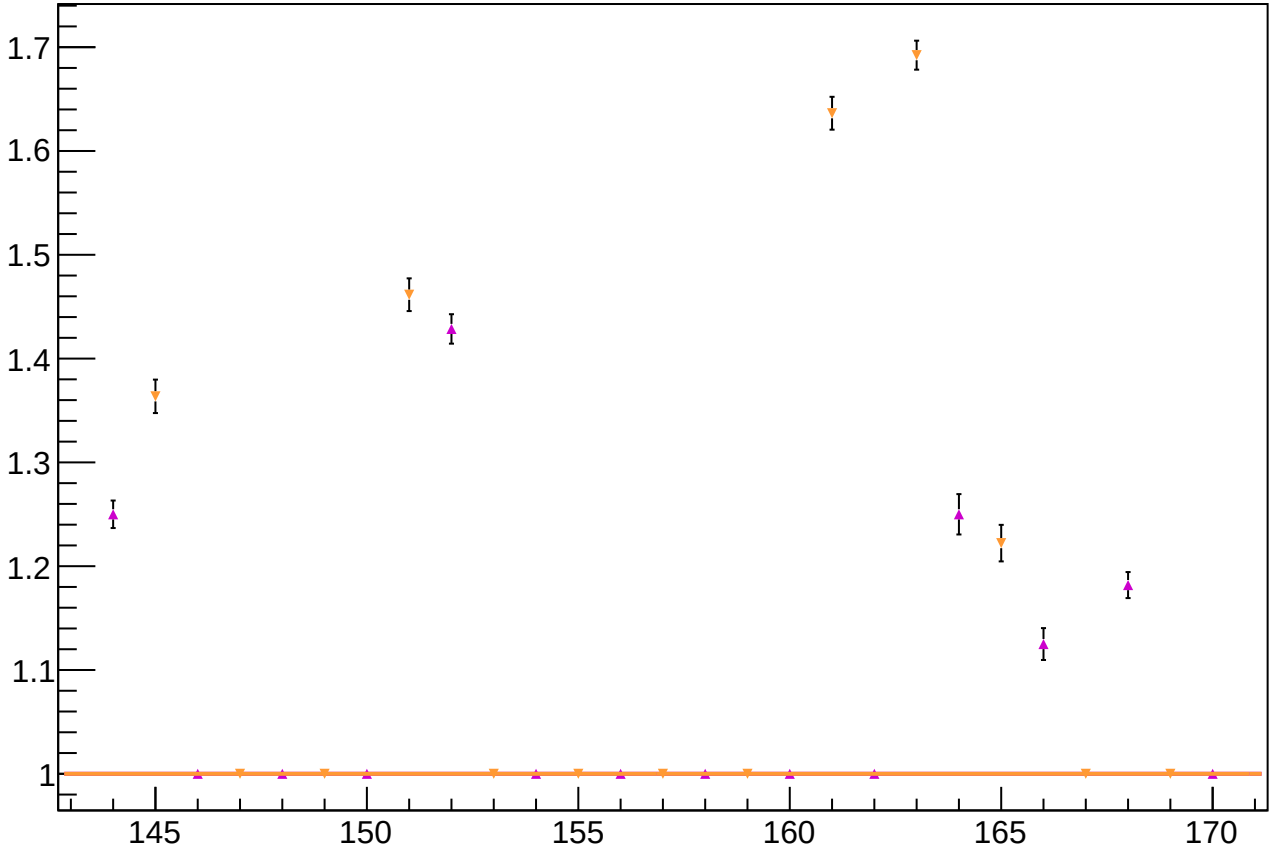
Left In: 1.000+/-0.000 χ^2/NDF:1081.3/15

+ sign 1.000+/-0.000 χ^2/NDF: 389.4/31

All: 1.000+/-0.000 χ^2/NDF: 1027.2/63

- sign 1.000+/-0.000 χ^2/NDF: 490.5/31

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:6060.3/12

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

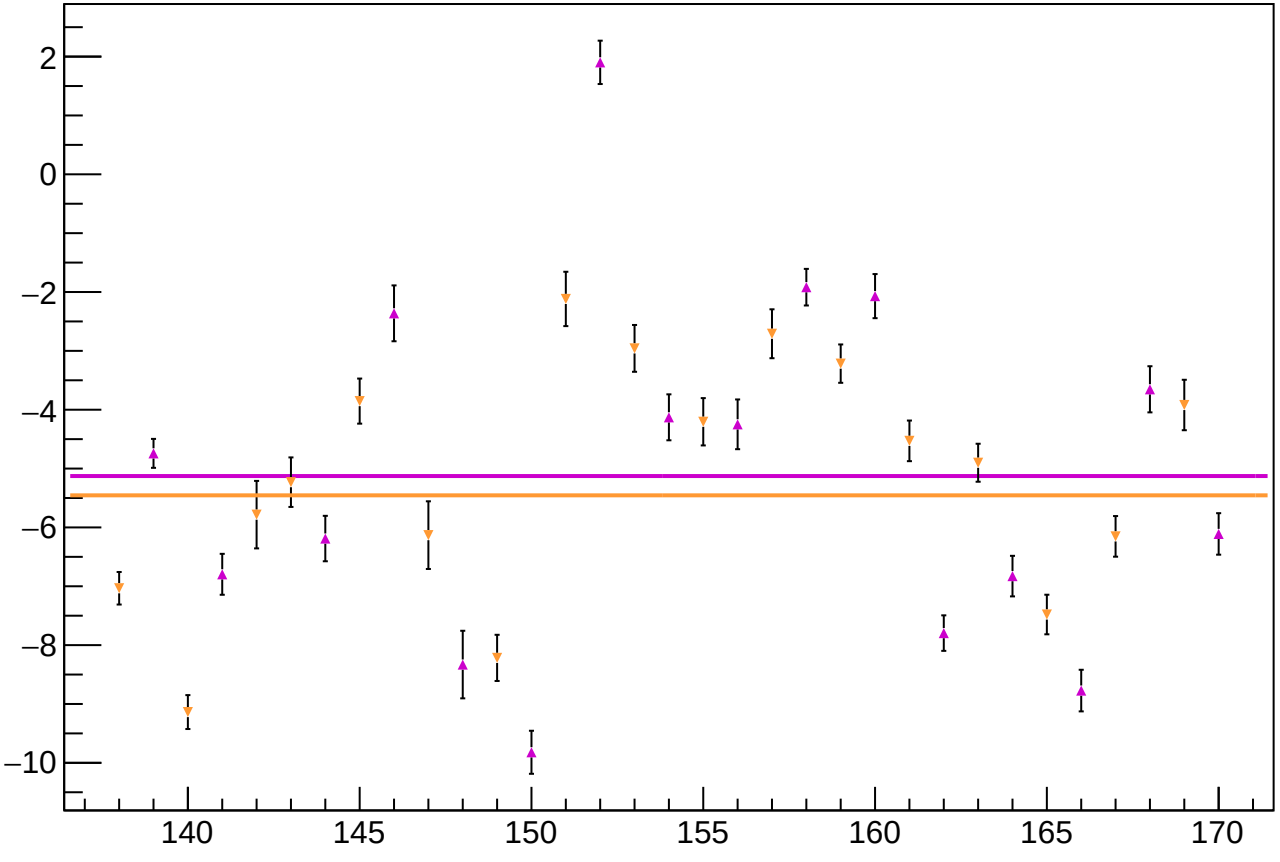
Left In: 1.000+/-0.000 χ^2/NDF:2452.3/13

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.000+/-0.000 χ^2/NDF: 10814.3/26

- 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: -5.455+/-0.090 χ^2/NDF:520.5/16

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

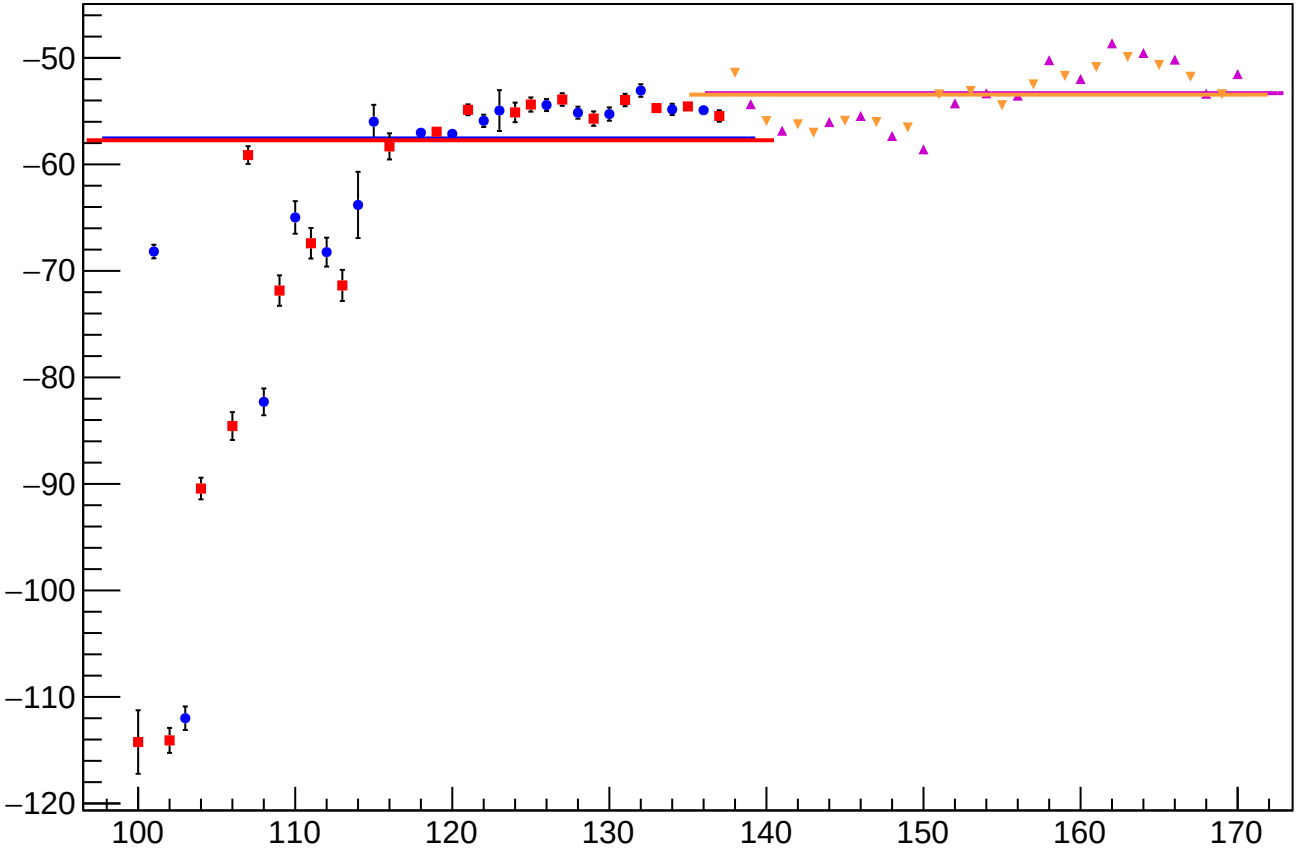
Left In: -5.127+/-0.089 χ^2/NDF:1041.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.289+/-0.063 χ^2/NDF: 1568.9/32

- 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: -53.449+/-0.067 χ^2/NDF:1168.3/16

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

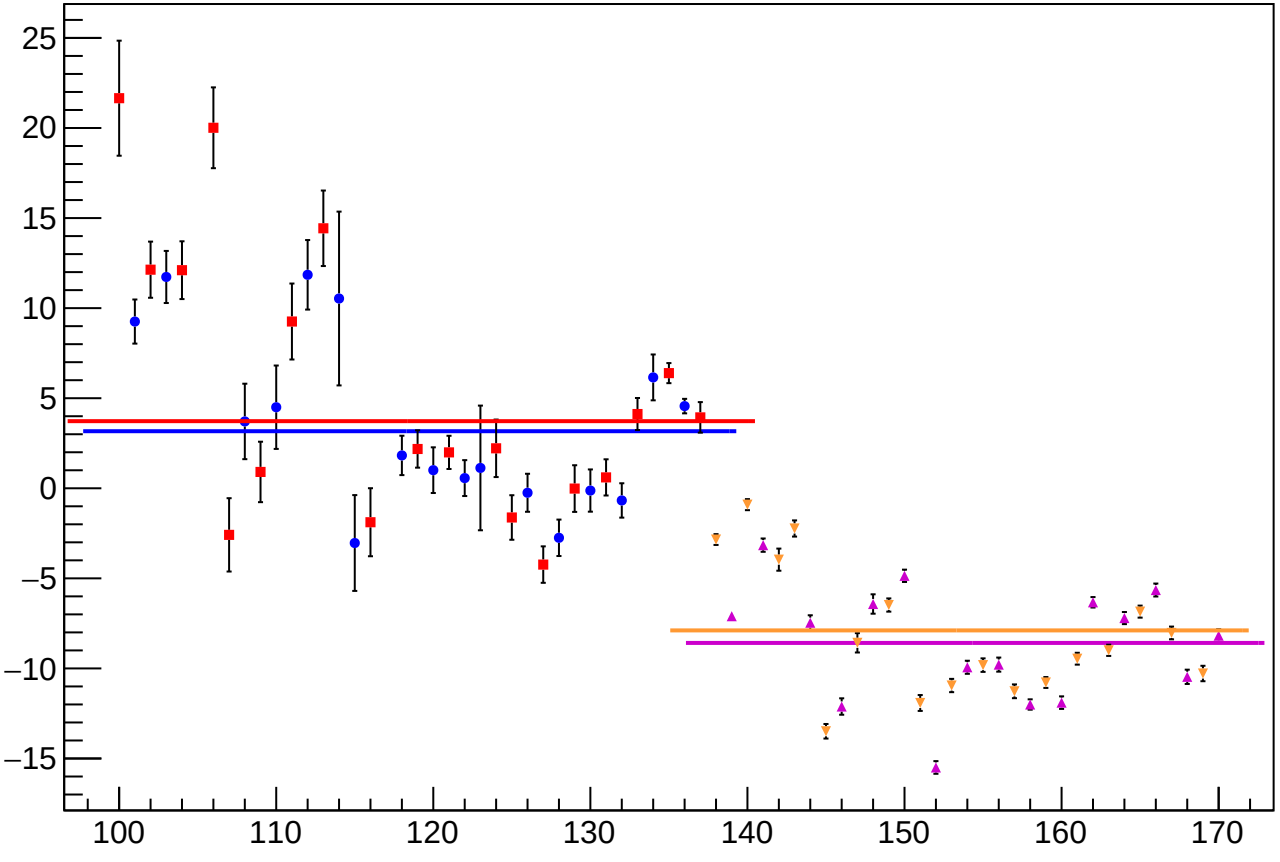
Left In: -53.312+/-0.069 χ^2/NDF:1921.9/15

+ sign -54.210+/-0.061 χ^2/NDF: 5313.5/33

All: -54.179+/-0.043 χ^2/NDF: 12710.9/68

- sign -54.146+/-0.062 χ^2/NDF: 7396.9/34

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -7.889+/-0.089 χ^2/NDF:1631.8/16

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

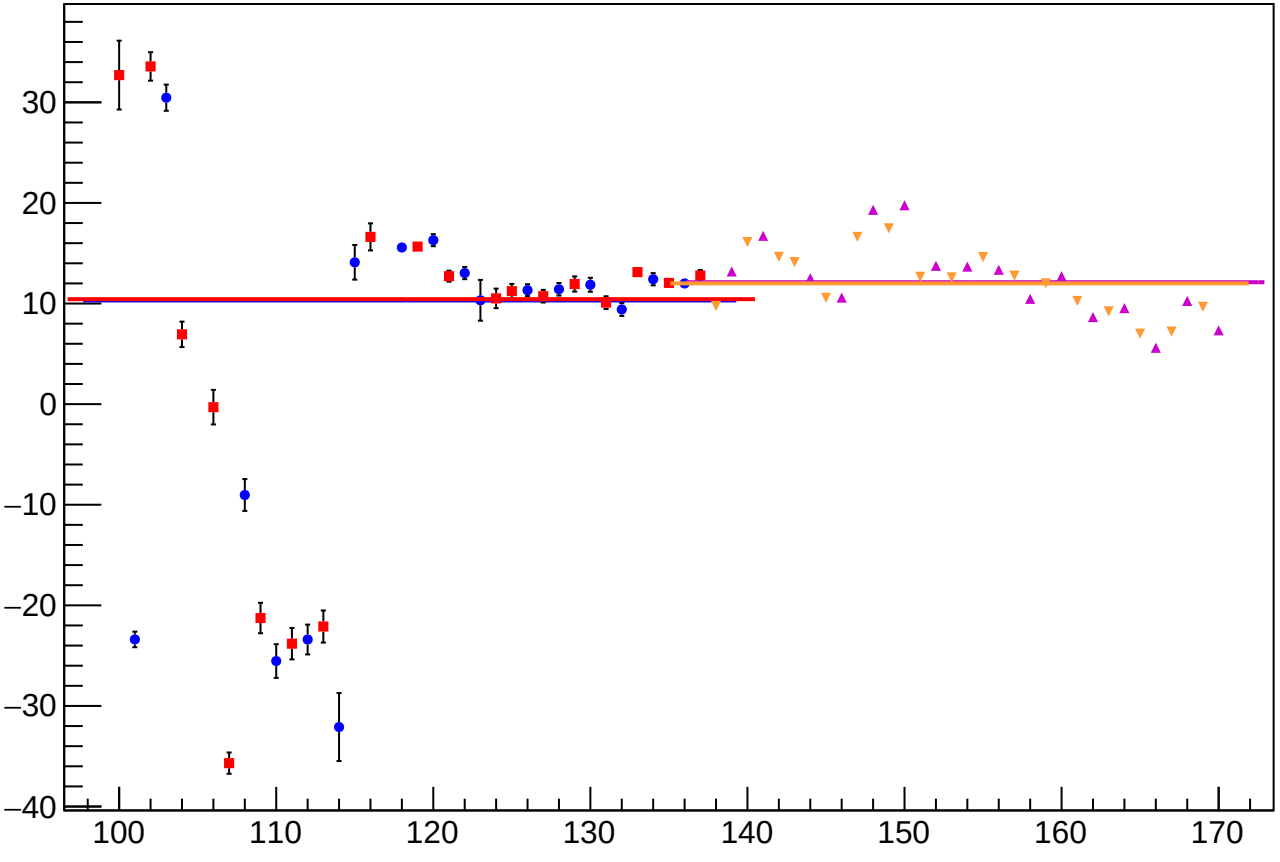
Left In: -8.584+/-0.088 χ^2/NDF:1256.5/15

+ sign -6.706+/-0.084 χ^2/NDF: 3461.6/33

All: -7.047+/-0.059 χ^2/NDF: 6990.6/68

- sign -7.381+/-0.083 χ^2/NDF: 3496.6/34

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 12.003+/-0.077 χ^2/NDF:1559.5/16

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

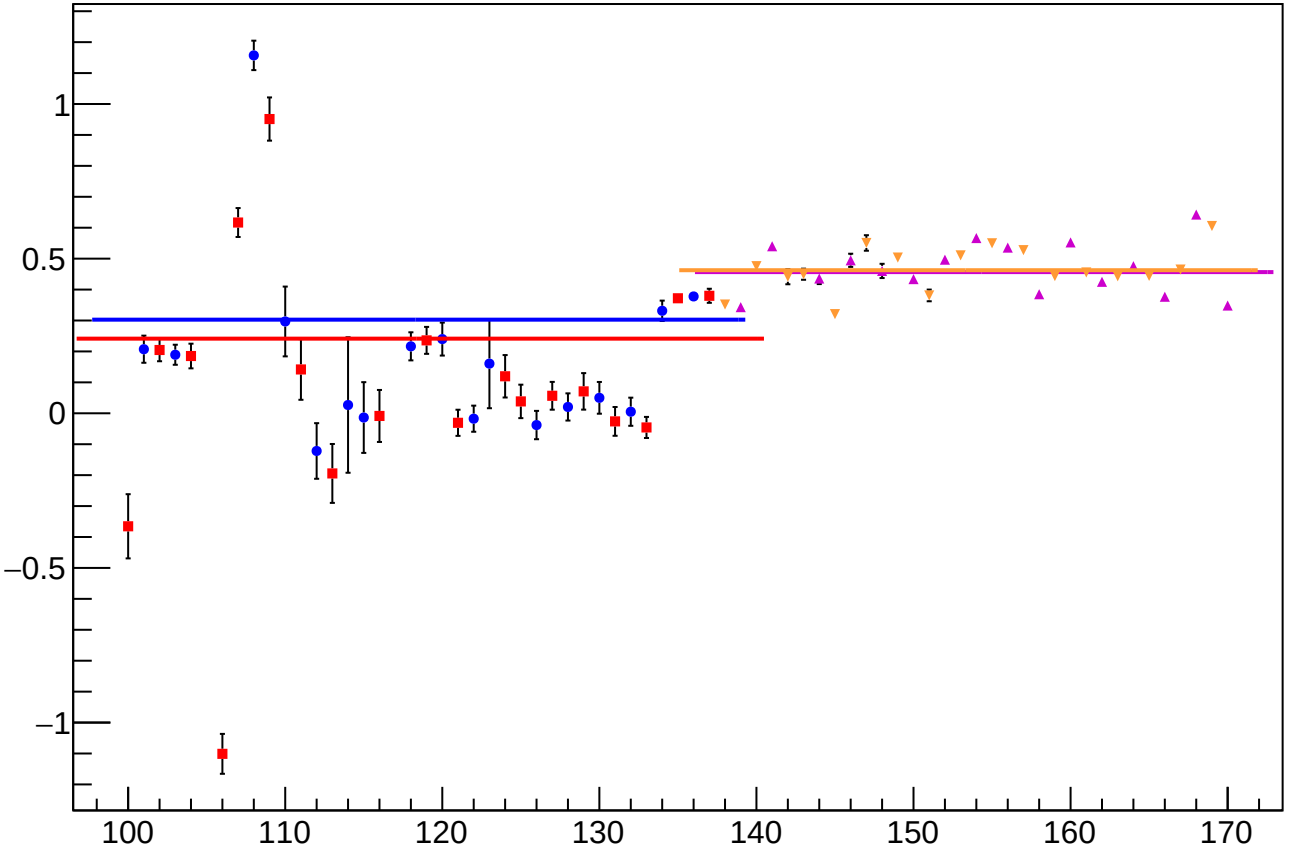
Left In: 12.119+/-0.077 χ^2/NDF:2342.1/15

+ sign 11.677+/-0.069 χ^2/NDF: 5366.5/33

All: 11.737+/-0.049 χ^2/NDF: 11628.7/68

- sign 11.799+/-0.070 χ^2/NDF: 6260.7/34

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.463+/-0.003 χ^2/NDF:385.6/16

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

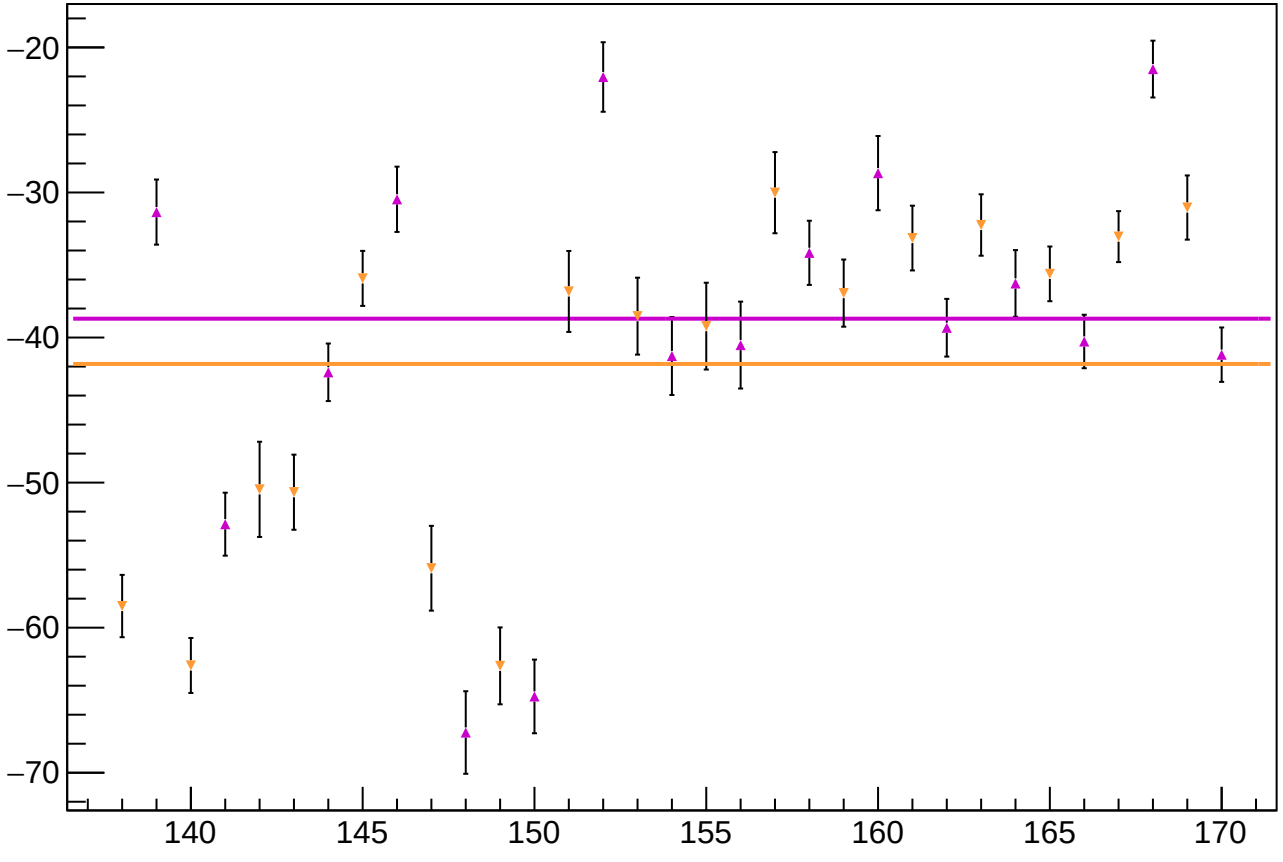
Left In: 0.456+/-0.003 χ^2/NDF:668.6/15

+ sign 0.438+/-0.003 χ^2/NDF: 1355.4/33

All: 0.433+/-0.002 χ^2/NDF: 3571.5/68

- sign 0.427+/-0.003 χ^2/NDF: 2209.7/34

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -41.820+/-0.559 χ^2/NDF:416.7/16

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

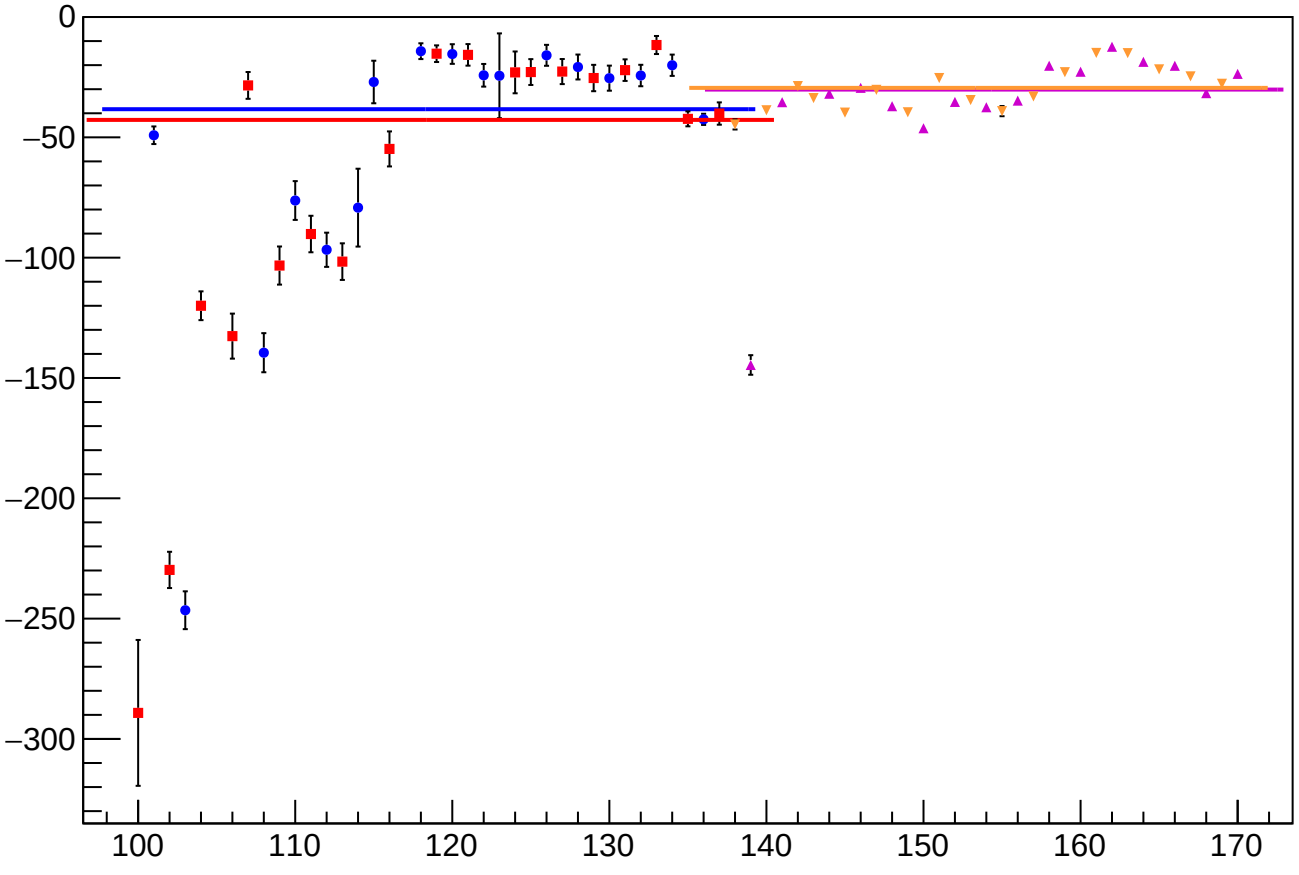
Left In: -38.700+/-0.559 χ^2/NDF:425.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -40.260+/-0.395 χ^2/NDF: 858.2/32

- 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: -29.448+/-0.406 χ^2/NDF:431.4/16

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

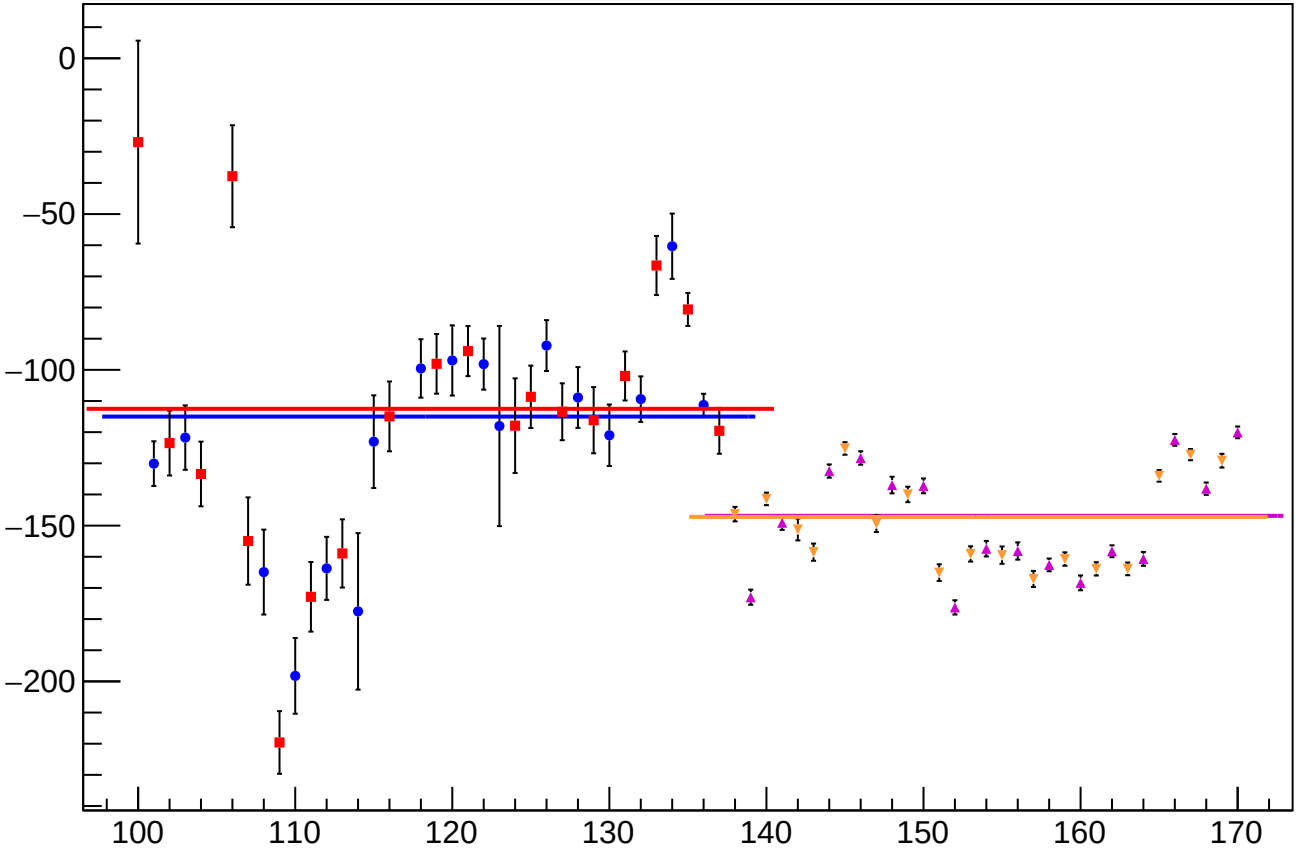
Left In: -30.155+/-0.412 χ^2/NDF:1227.2/15

+ sign -30.451+/-0.383 χ^2/NDF: 1617.9/33

All: -30.947+/-0.273 χ^2/NDF: 4287.2/68

- sign -31.462+/-0.390 χ^2/NDF: 2665.9/34

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -147.189+/-0.555 χ^2/NDF:708.6/16

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

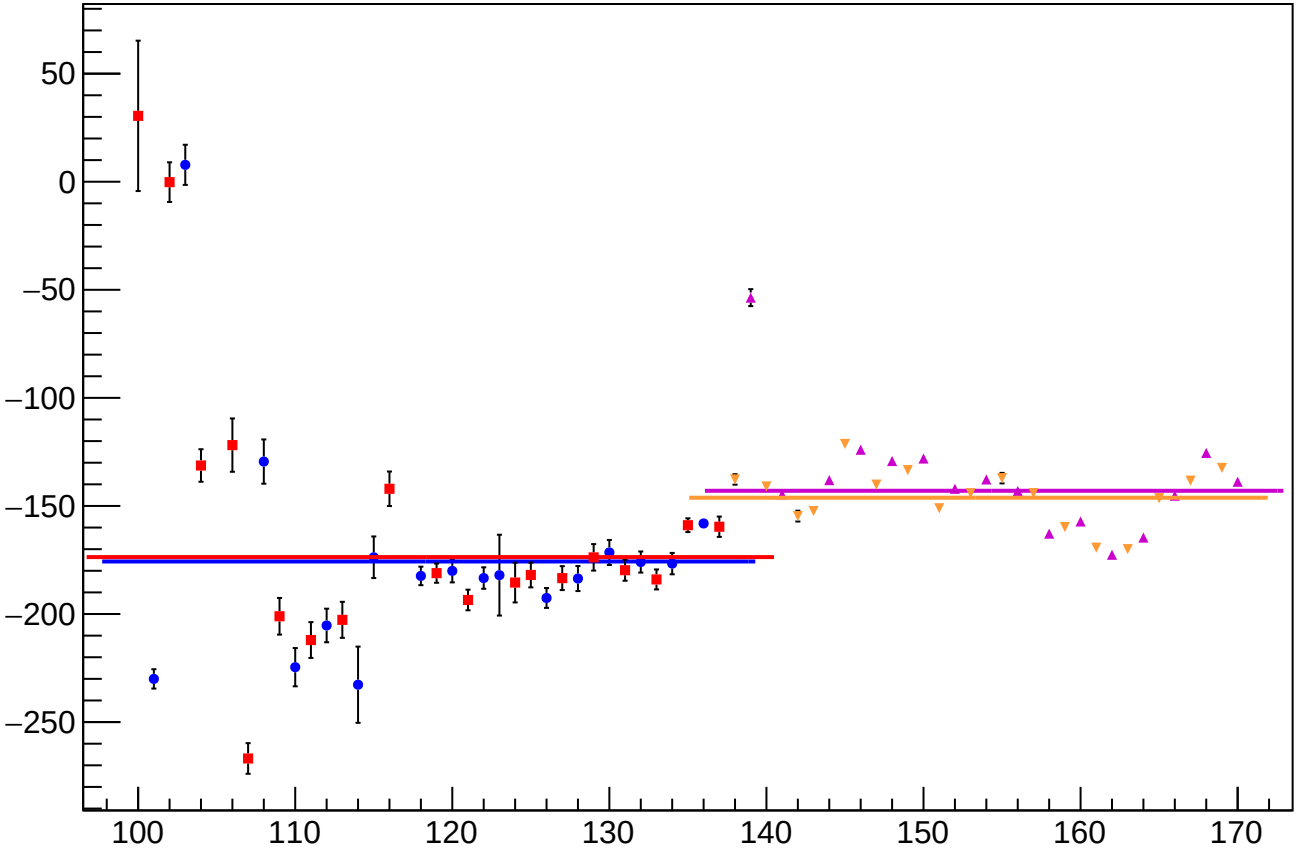
Left In: -146.857+/-0.550 χ^2/NDF:1072.0/15

+ sign -145.033+/-0.536 χ^2/NDF: 1075.6/33

All: -144.940+/-0.378 χ^2/NDF: 2648.8/68

- sign -144.847+/-0.534 χ^2/NDF: 1573.2/34

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -146.195+/-0.467 χ^2/NDF:848.6/16

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

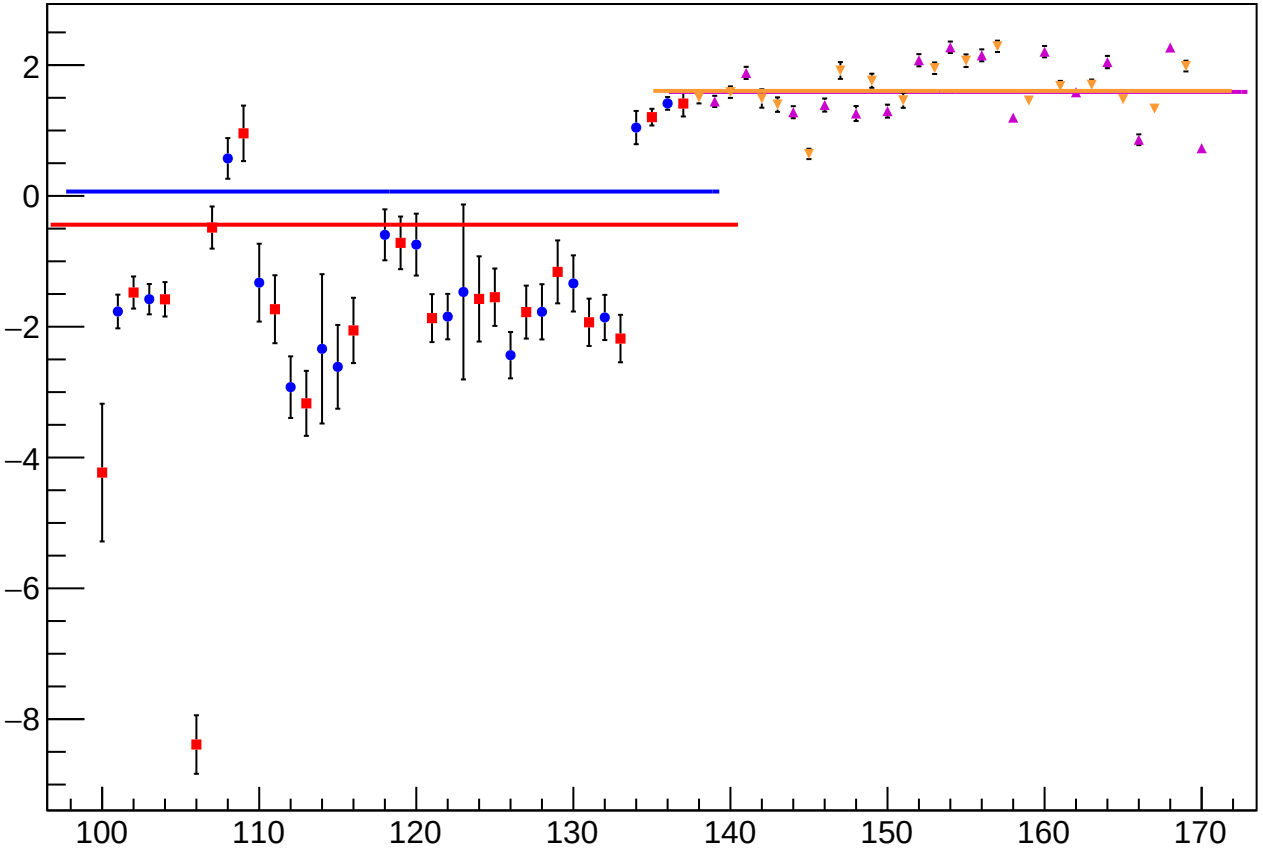
Left In: -142.988+/-0.472 χ^2/NDF:1497.9/15

+ sign -149.720+/-0.438 χ^2/NDF: 2018.4/33

All: -148.037+/-0.312 χ^2/NDF: 4740.8/68

- sign -146.298+/-0.445 χ^2/NDF: 2692.3/34

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.605+/-0.022 χ^2/NDF:307.2/16

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

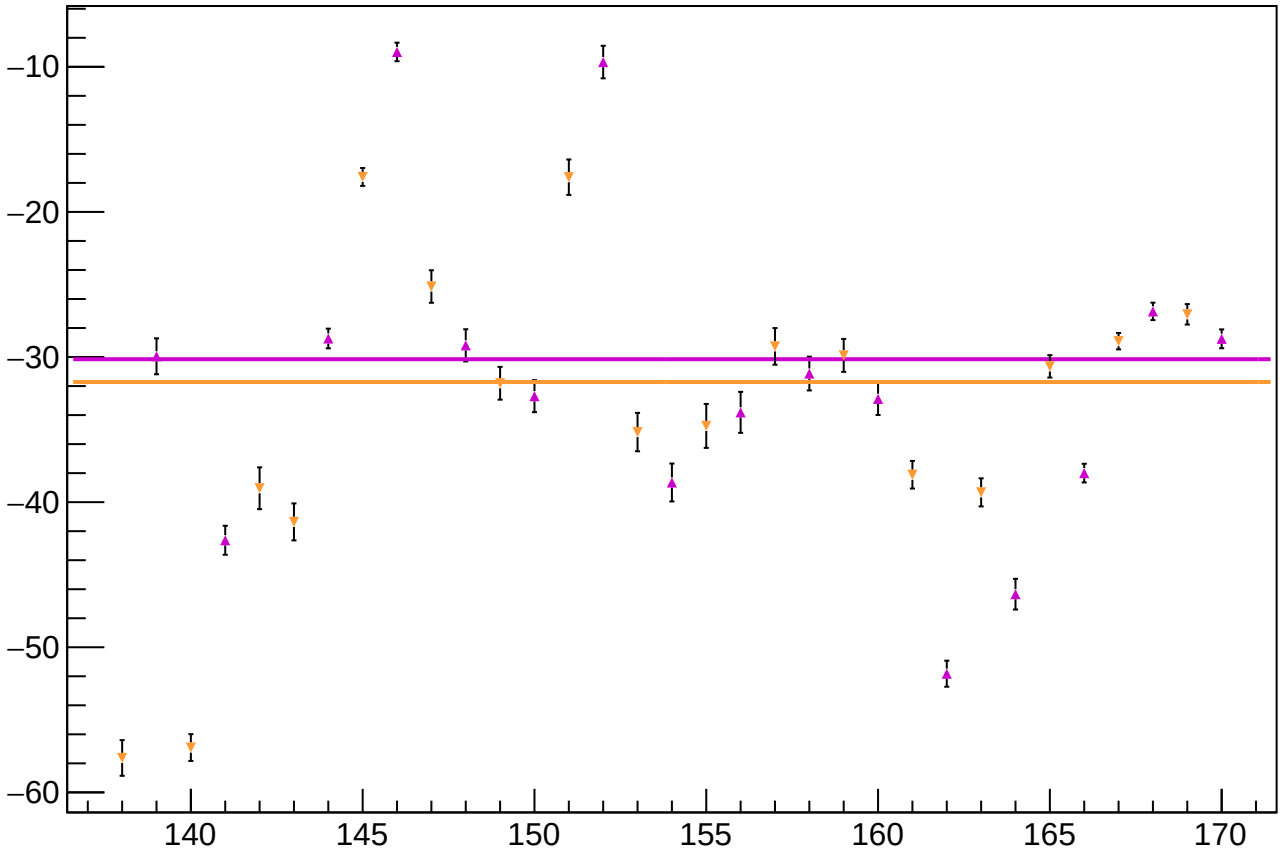
Left In: 1.590+/-0.022 χ^2/NDF:591.2/15

+ sign 1.459+/-0.021 χ^2/NDF: 1310.7/33

All: 1.439+/-0.015 χ^2/NDF: 3405.3/68

- sign 1.419+/-0.021 χ^2/NDF: 2092.7/34

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -31.720+/-0.228 χ^2/NDF:2159.4/16

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

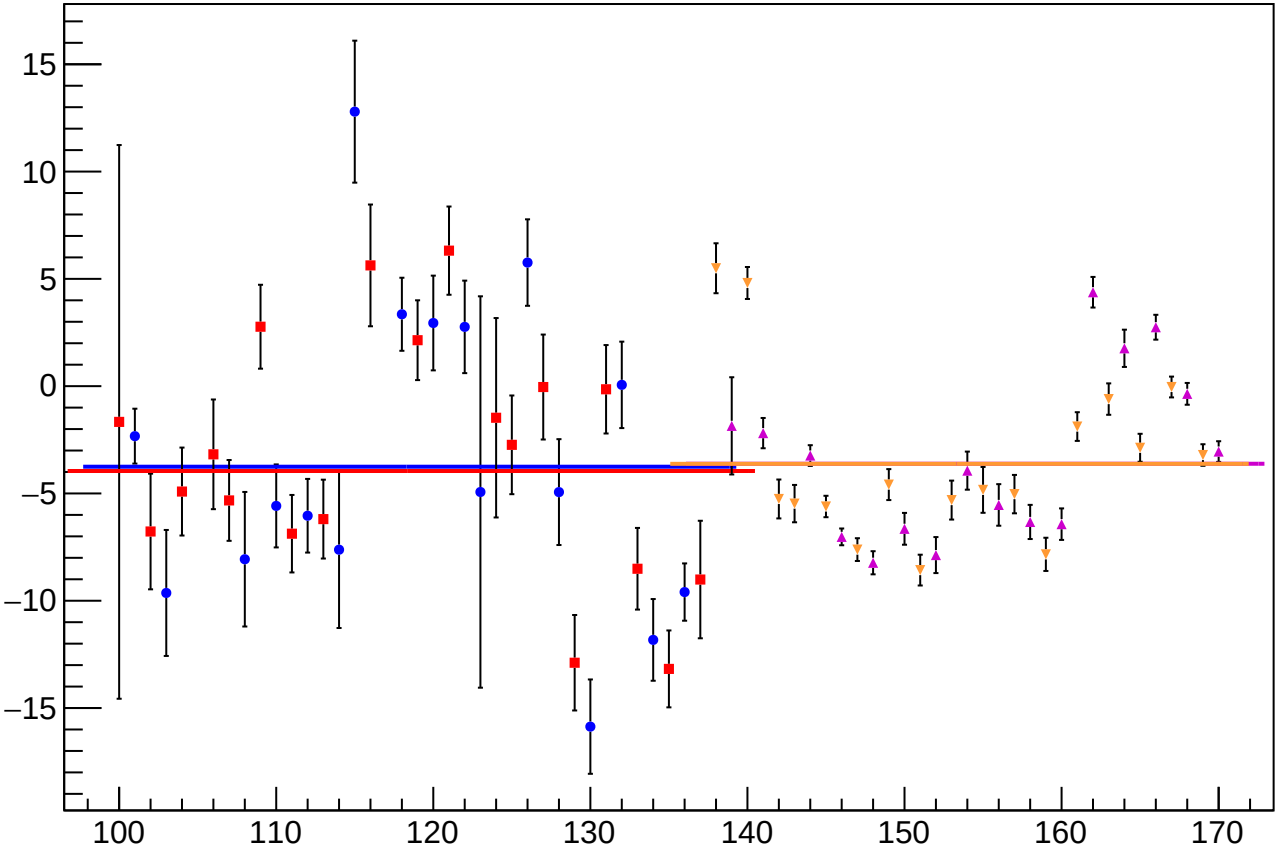
Left In: -30.149+/-0.218 χ^2/NDF:2657.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -30.898+/-0.158 χ^2/NDF: 4841.1/32

- 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: -3.620+/-0.166 χ^2/NDF:436.2/16

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

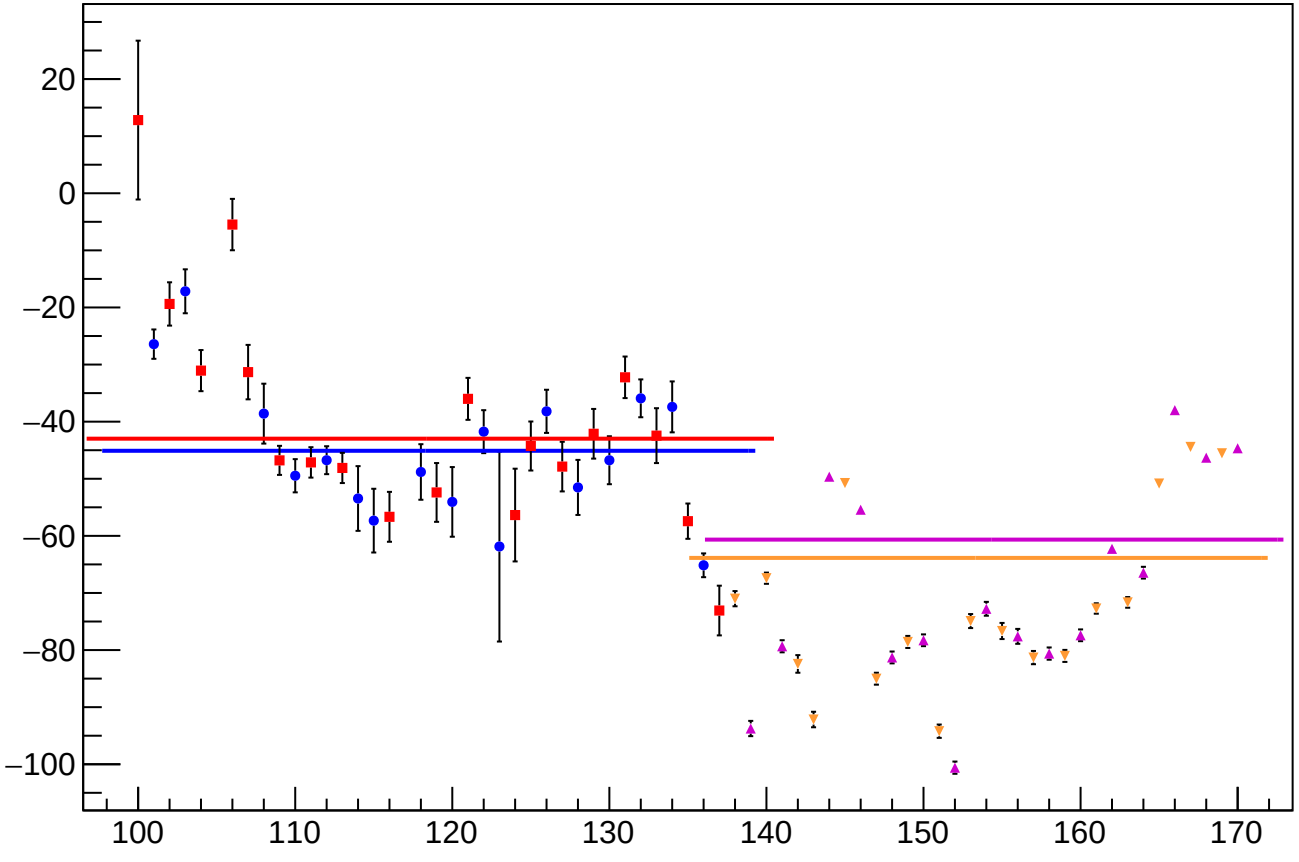
Left In: -3.616+/-0.158 χ^2/NDF:554.7/15

+ sign -3.634+/-0.158 χ^2/NDF: 601.6/33

All: -3.640+/-0.109 χ^2/NDF: 1280.0/68

- sign -3.646+/-0.151 χ^2/NDF: 678.4/34

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -63.860+/-0.228 χ^2/NDF:5203.2/16

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

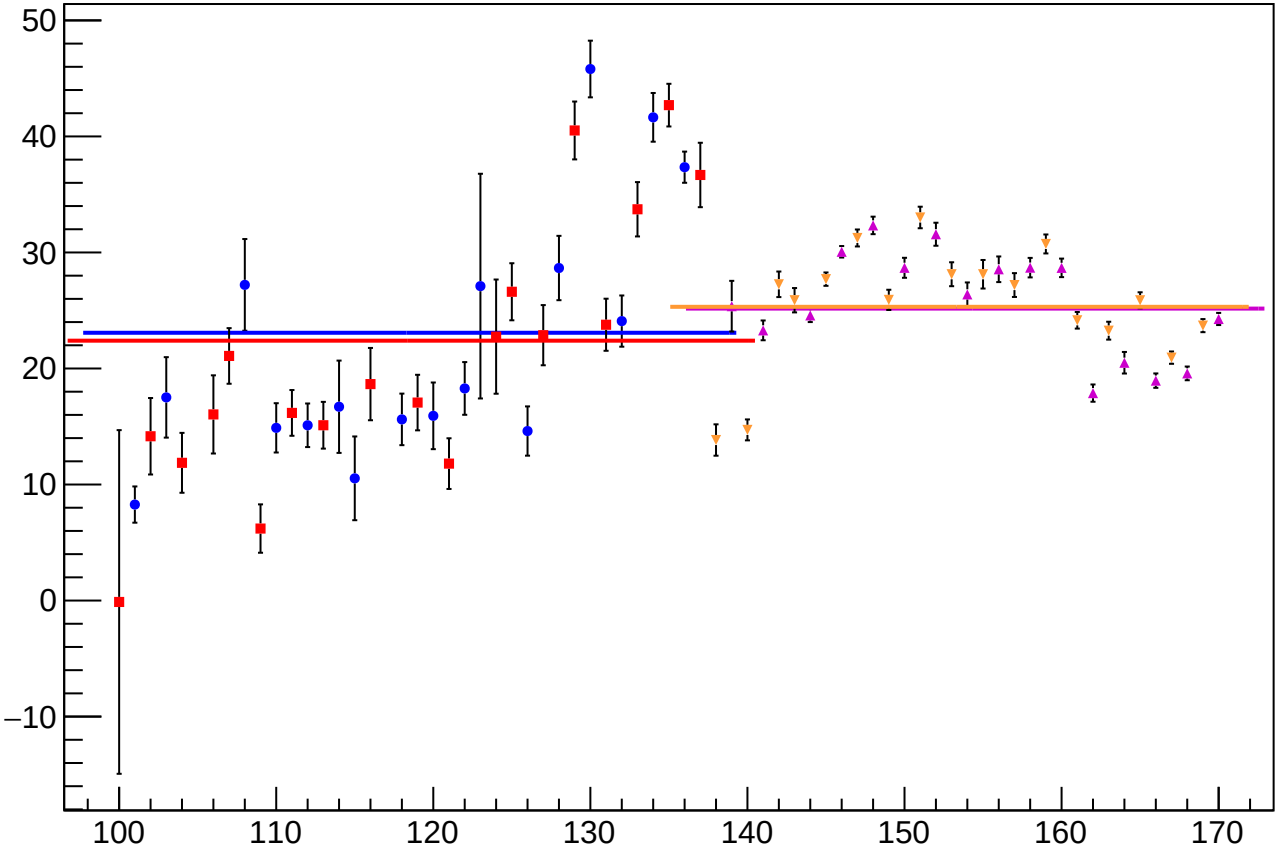
Left In: -60.656+/-0.216 χ^2/NDF:6570.3/15

+ sign -62.684+/-0.221 χ^2/NDF: 5858.2/33

All: -61.089+/-0.152 χ^2/NDF: 13159.8/68

- sign -59.649+/-0.209 χ^2/NDF: 7202.0/34

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 25.316+/-0.191 χ^2/NDF:512.4/16

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

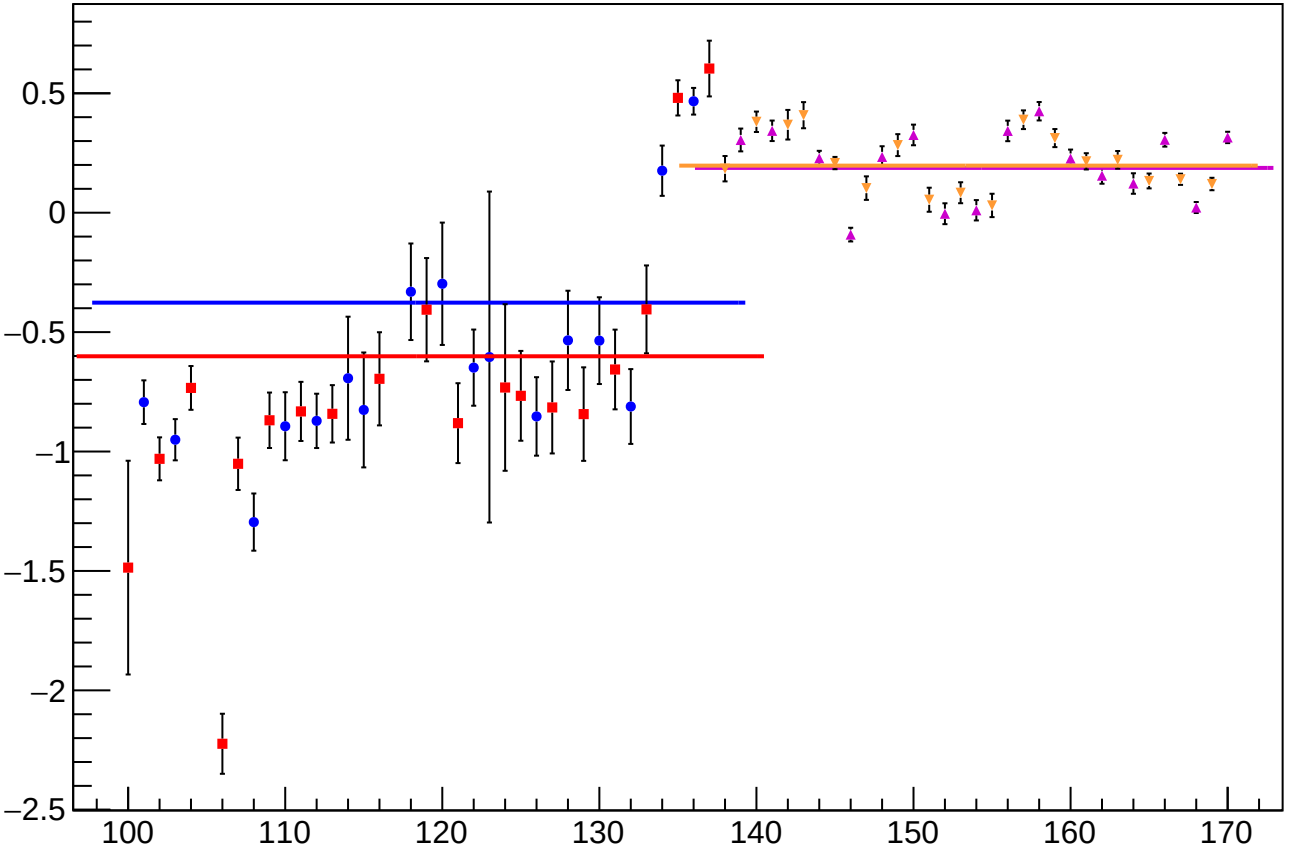
Left In: 25.162+/-0.184 χ^2/NDF:613.8/15

+ sign 25.079+/-0.181 χ^2/NDF: 988.1/33

All: 24.989+/-0.126 χ^2/NDF: 1993.7/68

- sign 24.904+/-0.175 χ^2/NDF: 1005.2/34

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.197+/-0.009 χ^2/NDF:127.7/16

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

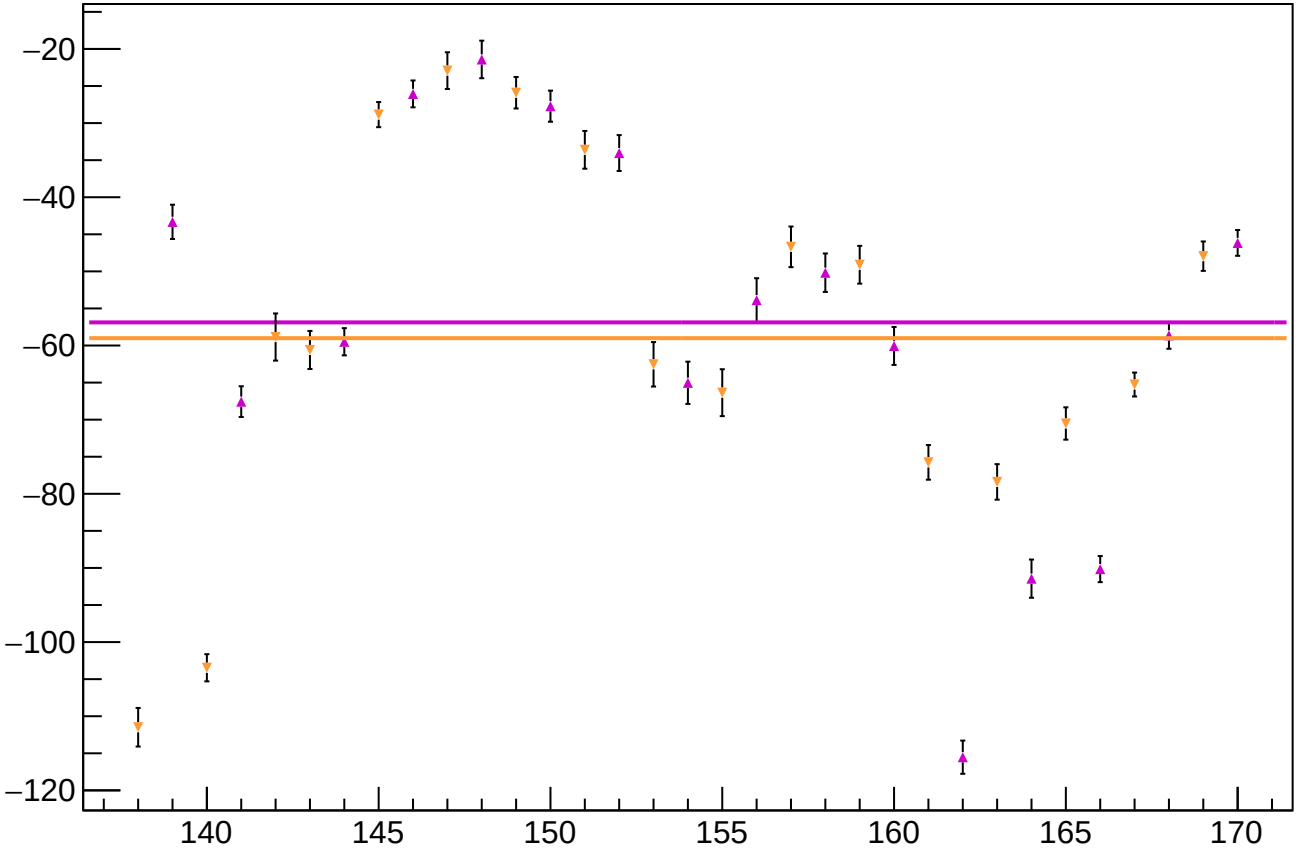
Left In: 0.188+/-0.009 χ^2/NDF:316.1/15

+ sign 0.150+/-0.009 χ^2/NDF: 899.3/33

All: 0.139+/-0.006 χ^2/NDF: 2406.4/68

- sign 0.128+/-0.008 χ^2/NDF: 1503.7/34

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -59.007+/-0.551 χ^2/NDF:2098.9/16

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

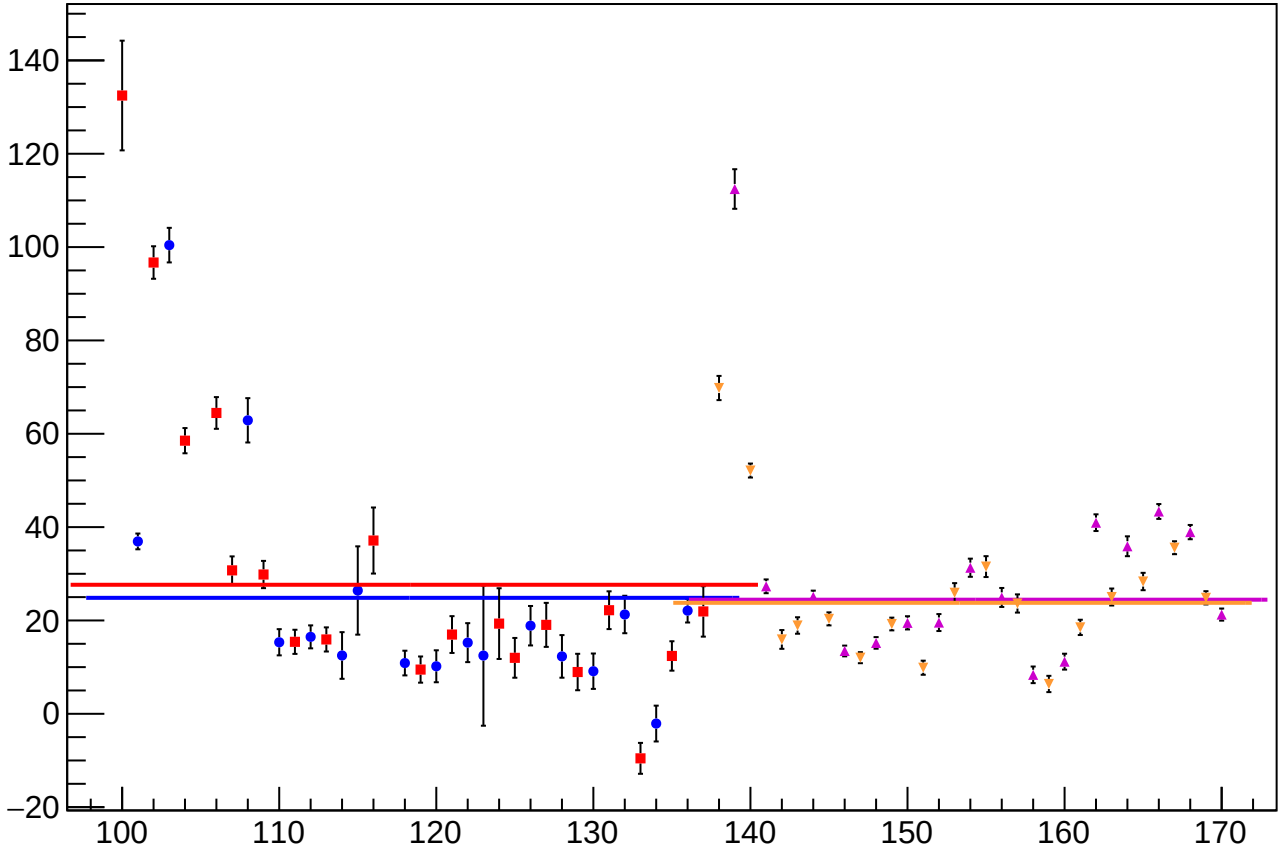
Left In: -56.880+/-0.540 χ^2/NDF:2110.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -57.922+/-0.386 χ^2/NDF: 4217.0/32

- 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: 23.781+/-0.396 χ^2/NDF:1098.0/16

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

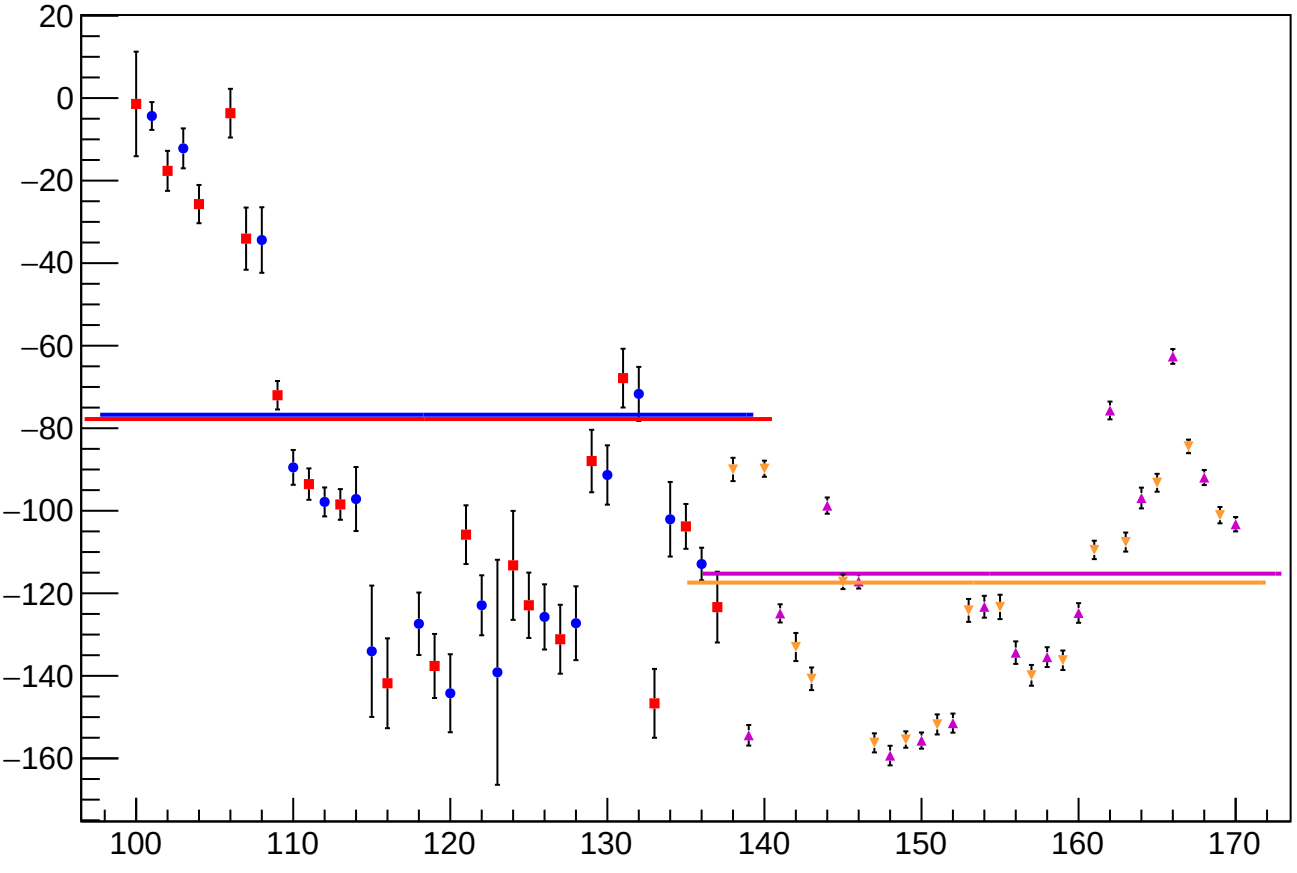
Left In: 24.449+/-0.395 χ^2/NDF:1105.6/15

+ sign 23.991+/-0.355 χ^2/NDF: 1790.3/33

All: 24.527+/-0.251 χ^2/NDF: 3922.2/68

- sign 25.063+/-0.355 χ^2/NDF: 2127.4/34

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -117.399+/-0.548 χ^2/NDF:2012.0/16

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

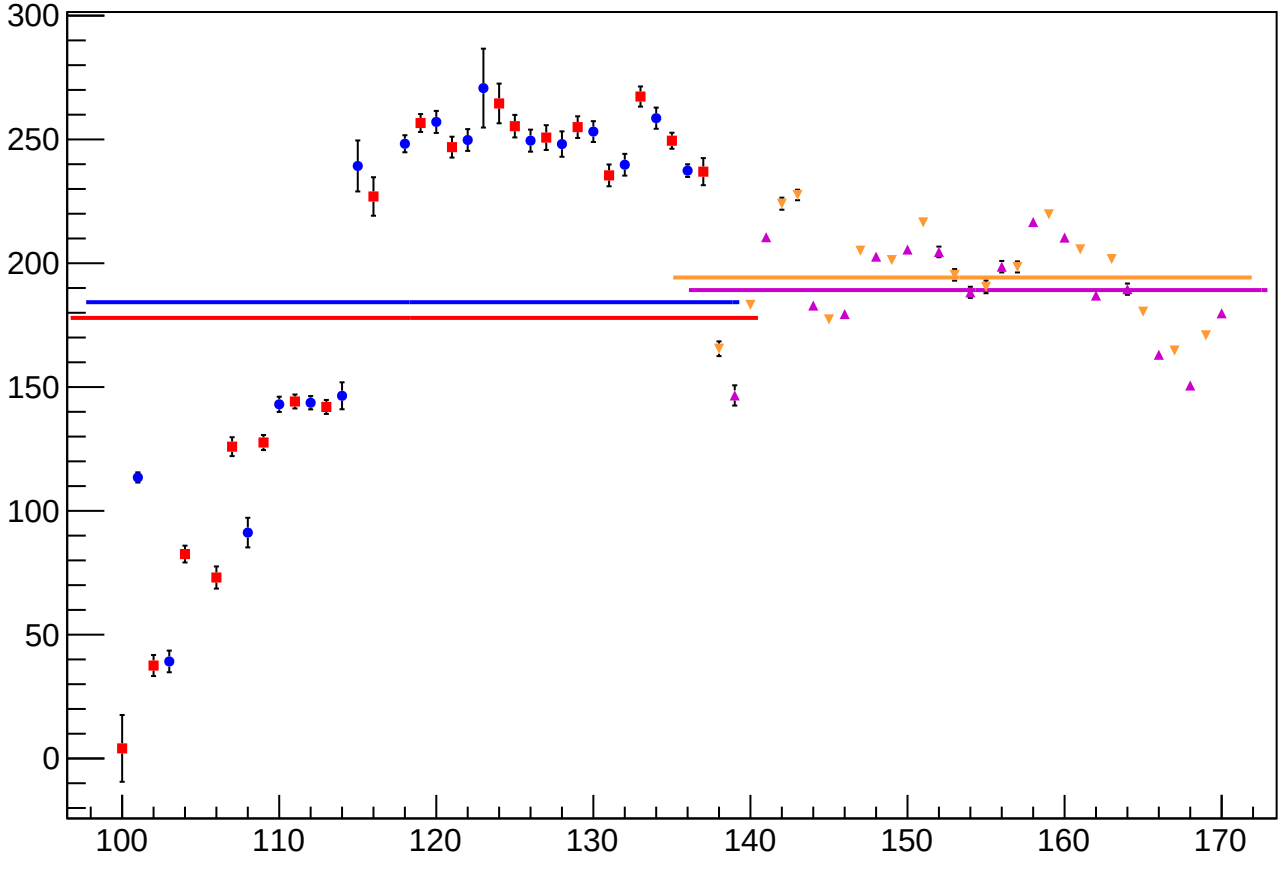
Left In: -115.239+/-0.533 χ^2/NDF:2957.3/15

+ sign -112.079+/-0.511 χ^2/NDF: 3775.0/33

All: -111.111+/-0.356 χ^2/NDF: 8275.5/68

- sign -110.199+/-0.496 χ^2/NDF: 4493.5/34

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 194.248+/-0.460 χ^2/NDF:1733.7/16

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

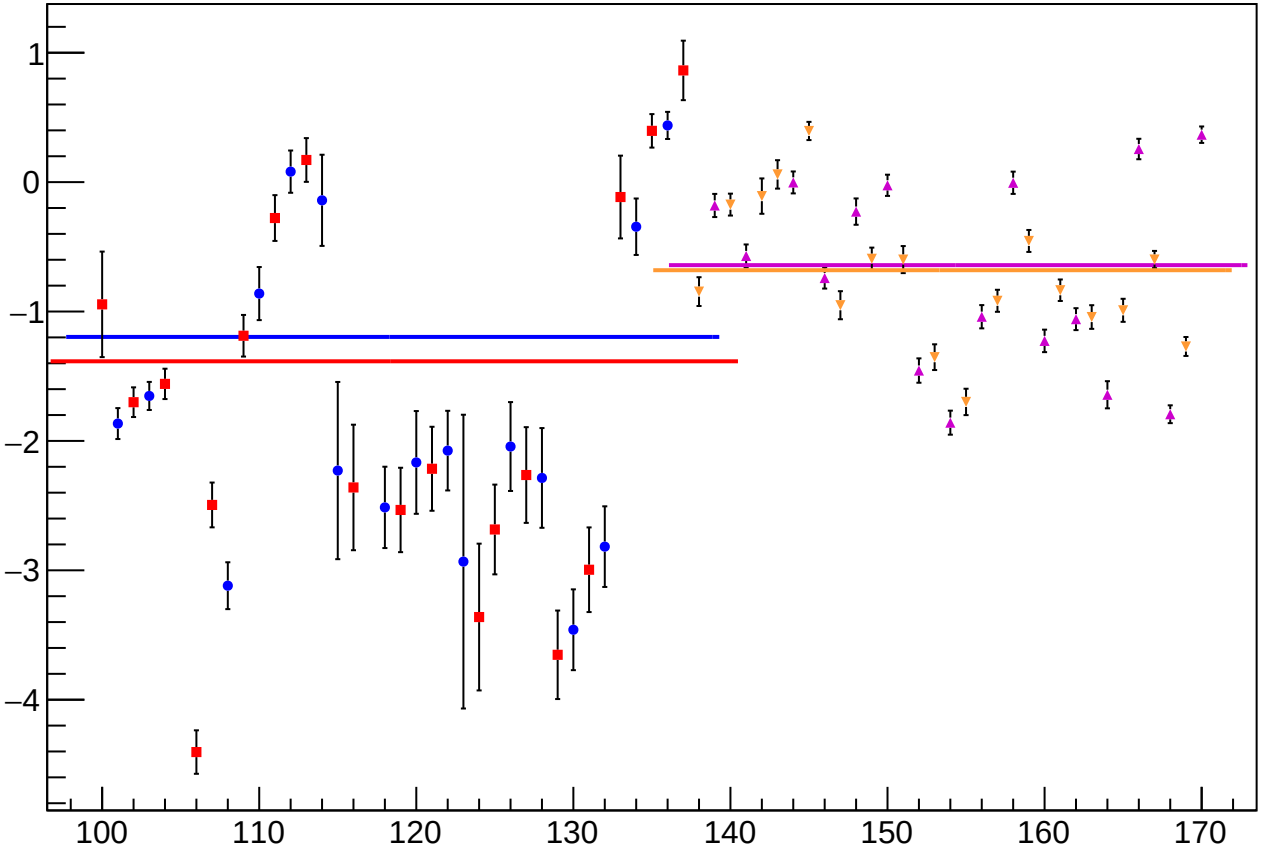
Left In: 189.162+/-0.456 χ^2/NDF:1638.9/15

+ sign 192.232+/-0.411 χ^2/NDF: 7229.8/33

All: 189.586+/-0.290 χ^2/NDF: 15401.2/68

- sign 186.961+/-0.409 χ^2/NDF: 8088.7/34

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.681+/-0.022 χ^2/NDF:600.8/16

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

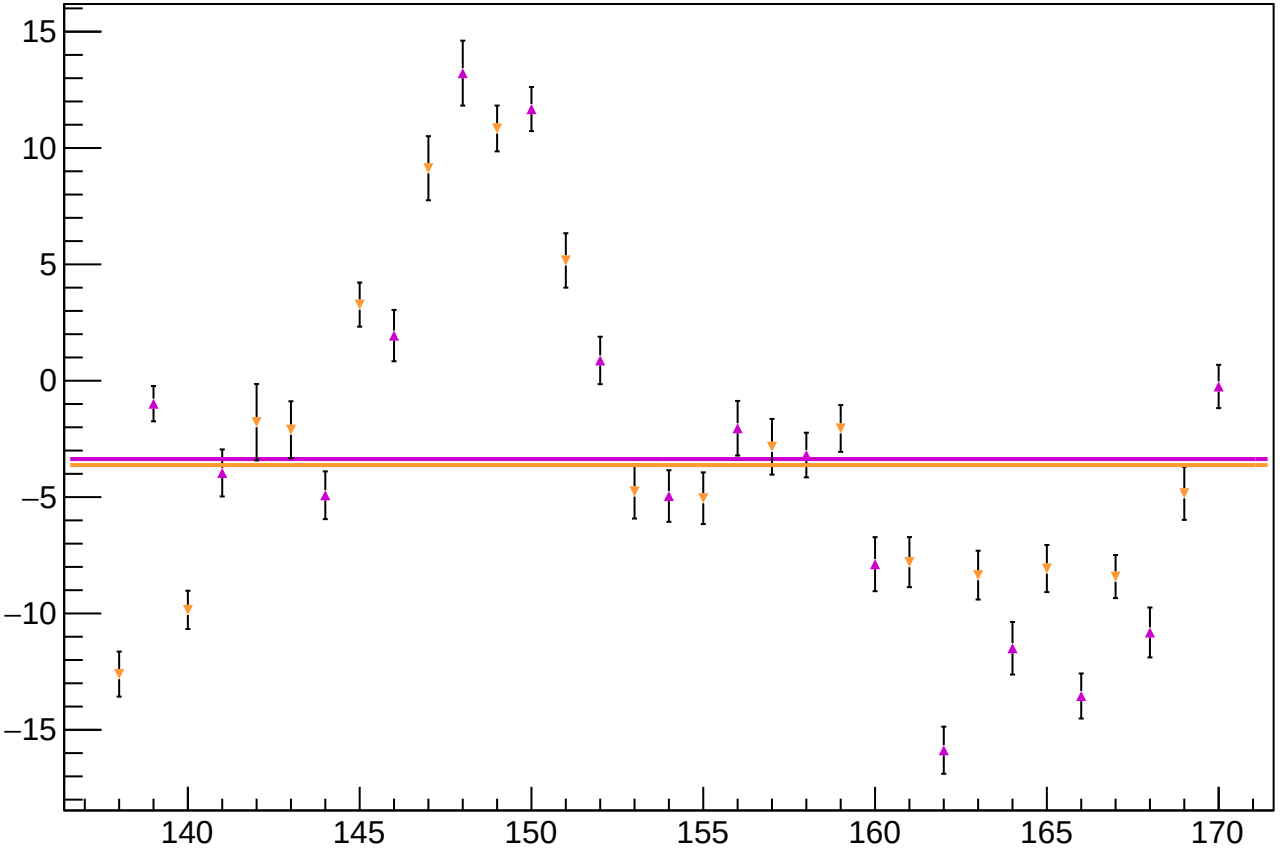
Left In: -0.642+/-0.021 χ^2/NDF:1300.7/15

+ sign -0.767+/-0.020 χ^2/NDF: 1319.6/33

All: -0.769+/-0.014 χ^2/NDF: 3762.2/68

- sign -0.771+/-0.019 χ^2/NDF: 2442.6/34

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -3.623+/-0.259 χ^2/NDF:645.3/16

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

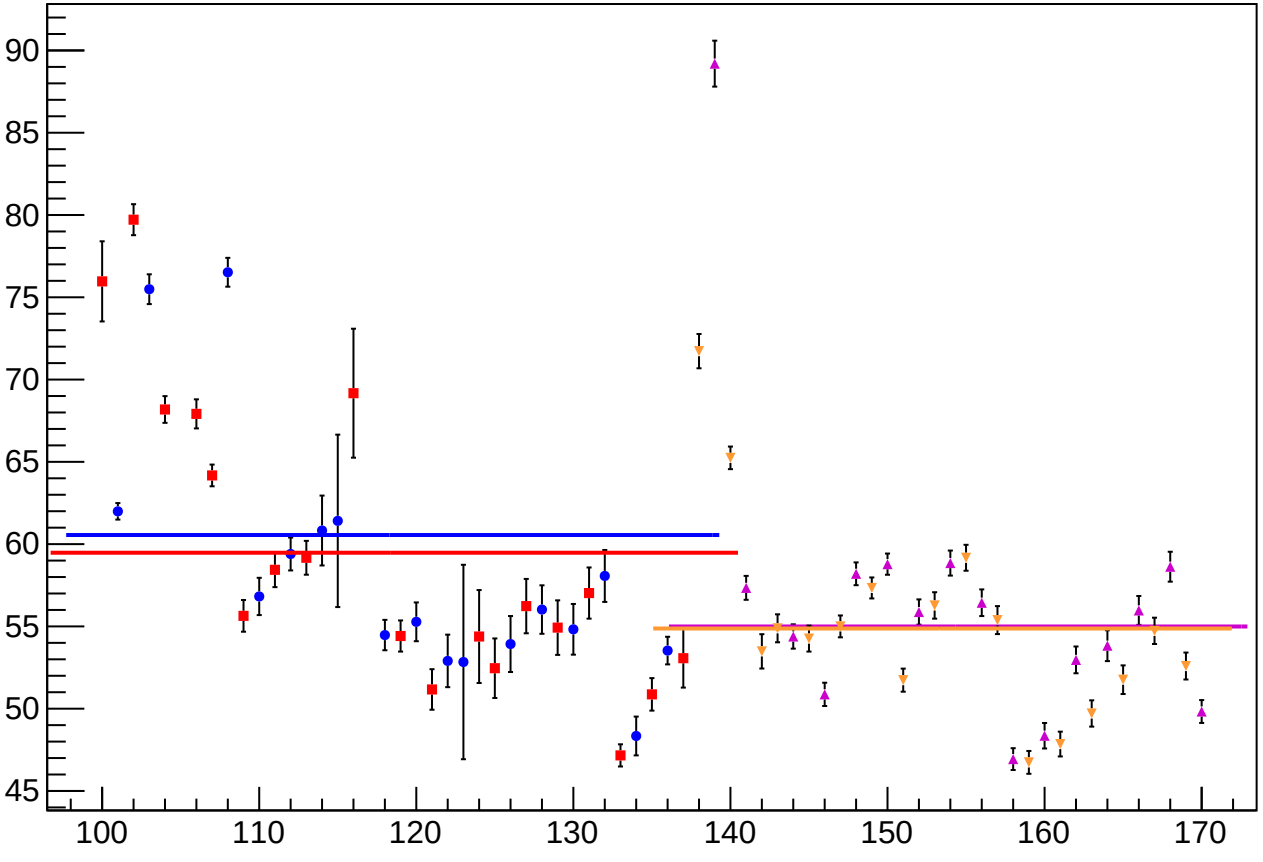
Left In: -3.363+/-0.256 χ^2/NDF:839.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.491+/-0.182 χ^2/NDF: 1485.0/32

- 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: 54.872+/-0.189 χ^2/NDF:847.6/16

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

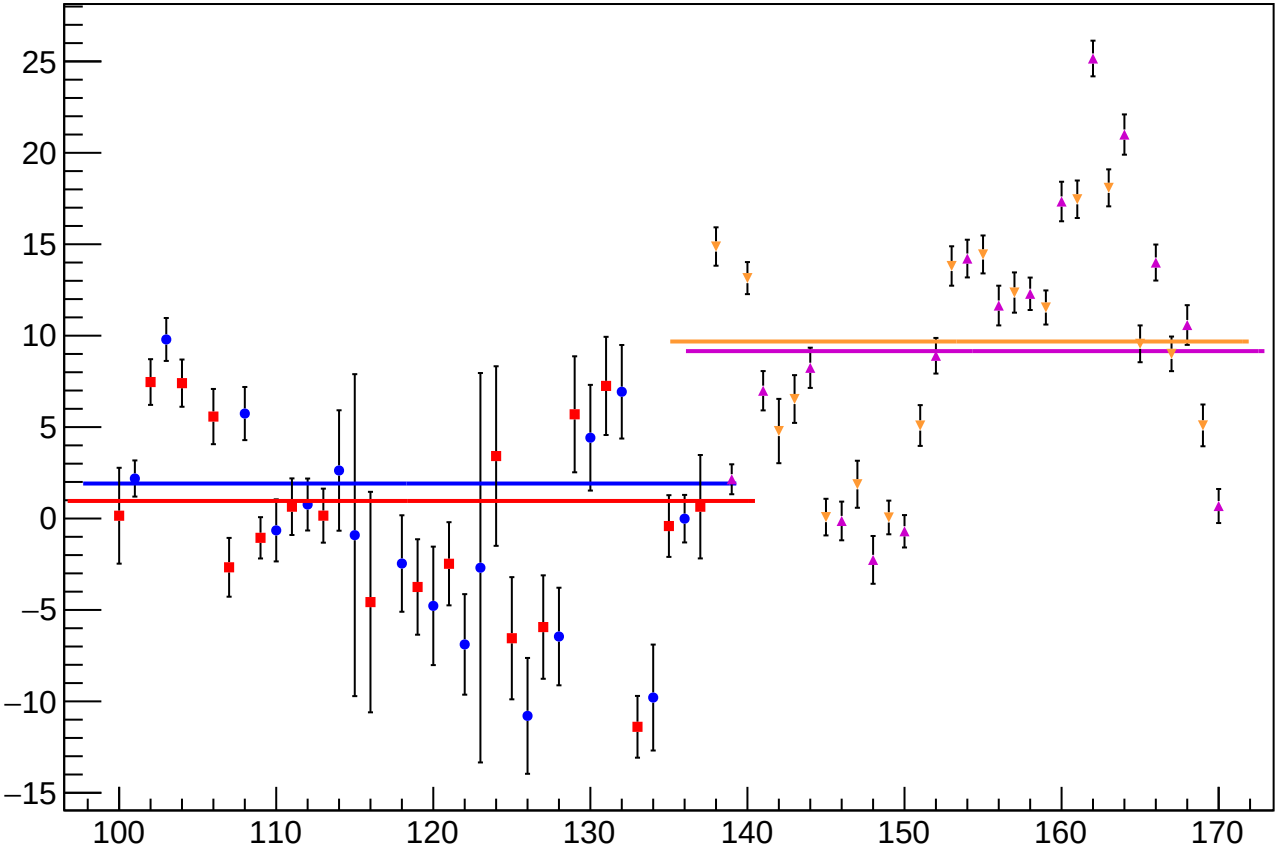
Left In: 54.995+/-0.193 χ^2/NDF:1032.8/15

+ sign 56.819+/-0.153 χ^2/NDF: 2088.6/33

All: 56.752+/-0.108 χ^2/NDF: 4642.3/68

- sign 56.686+/-0.152 χ^2/NDF: 2553.4/34

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 9.681+/-0.256 χ^2/NDF:497.5/16

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

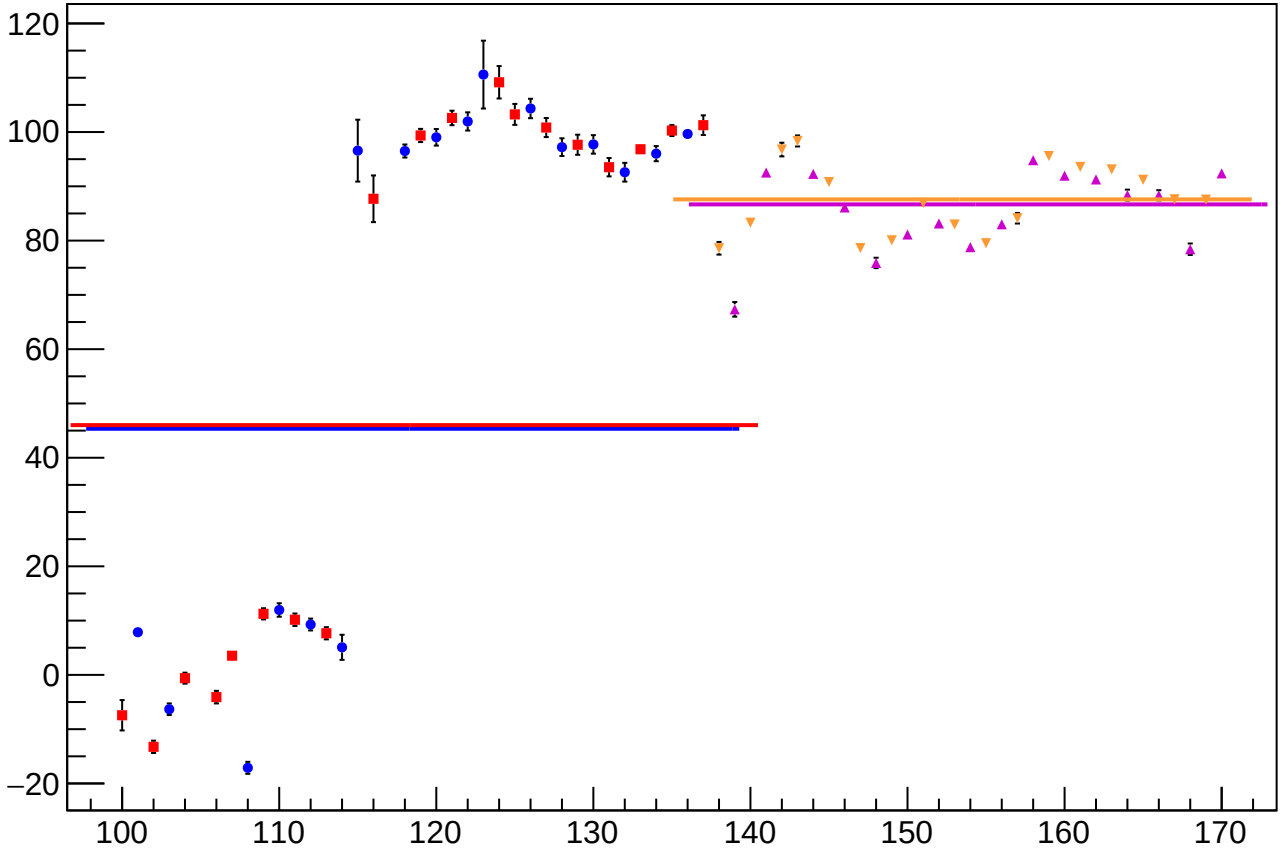
Left In: 9.155+/-0.251 χ^2/NDF:947.7/15

+ sign 7.831+/-0.223 χ^2/NDF: 838.4/33

All: 7.415+/-0.155 χ^2/NDF: 2218.5/68

- sign 7.024+/-0.216 χ^2/NDF: 1373.3/34

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 87.594+/-0.217 χ^2/NDF:811.3/16

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

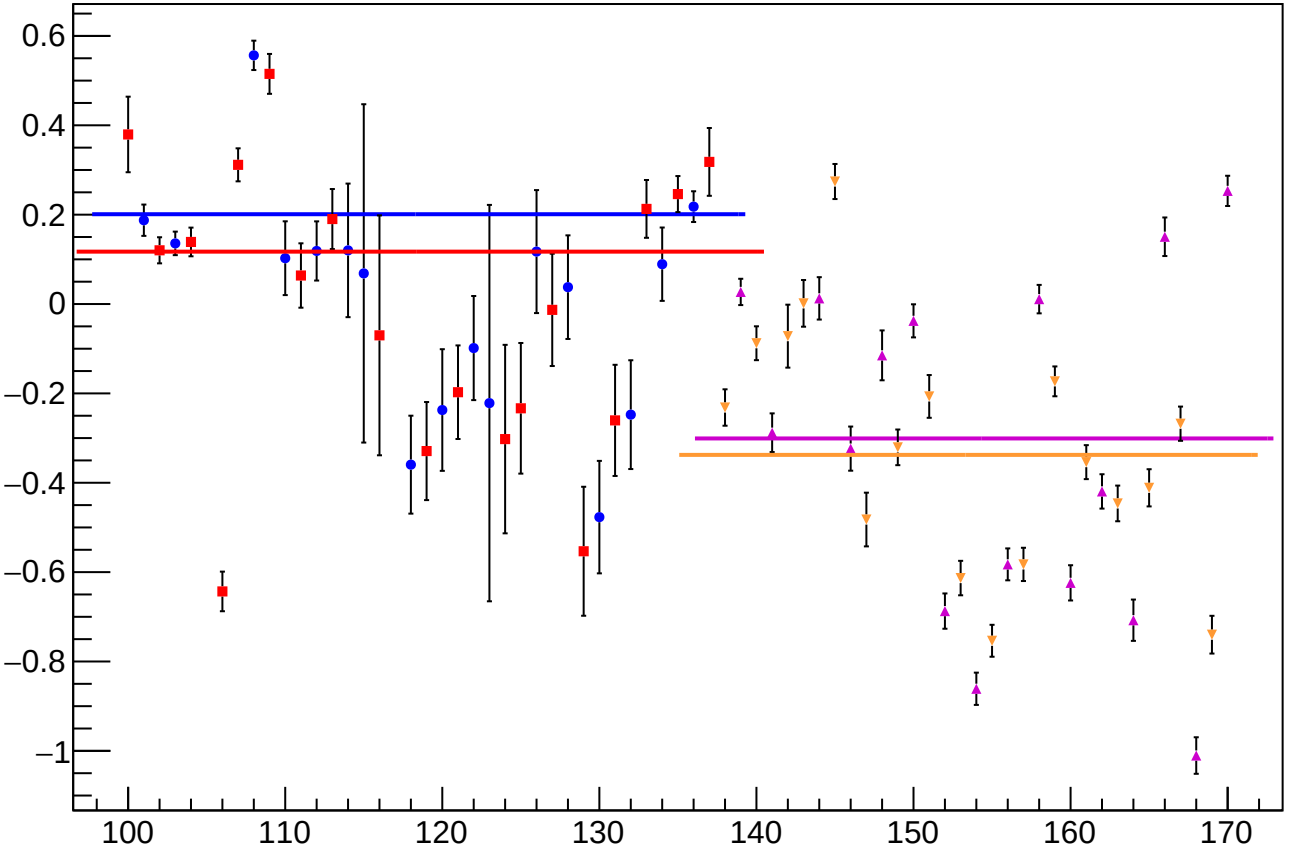
Left In: 86.672+/-0.220 χ^2/NDF:917.5/15

+ sign 73.279+/-0.177 χ^2/NDF: 38717.9/33

All: 72.544+/-0.124 χ^2/NDF: 80418.4/68

- sign 71.823+/-0.175 χ^2/NDF: 41666.2/34

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.338+/-0.010 χ^2/NDF:722.2/16

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

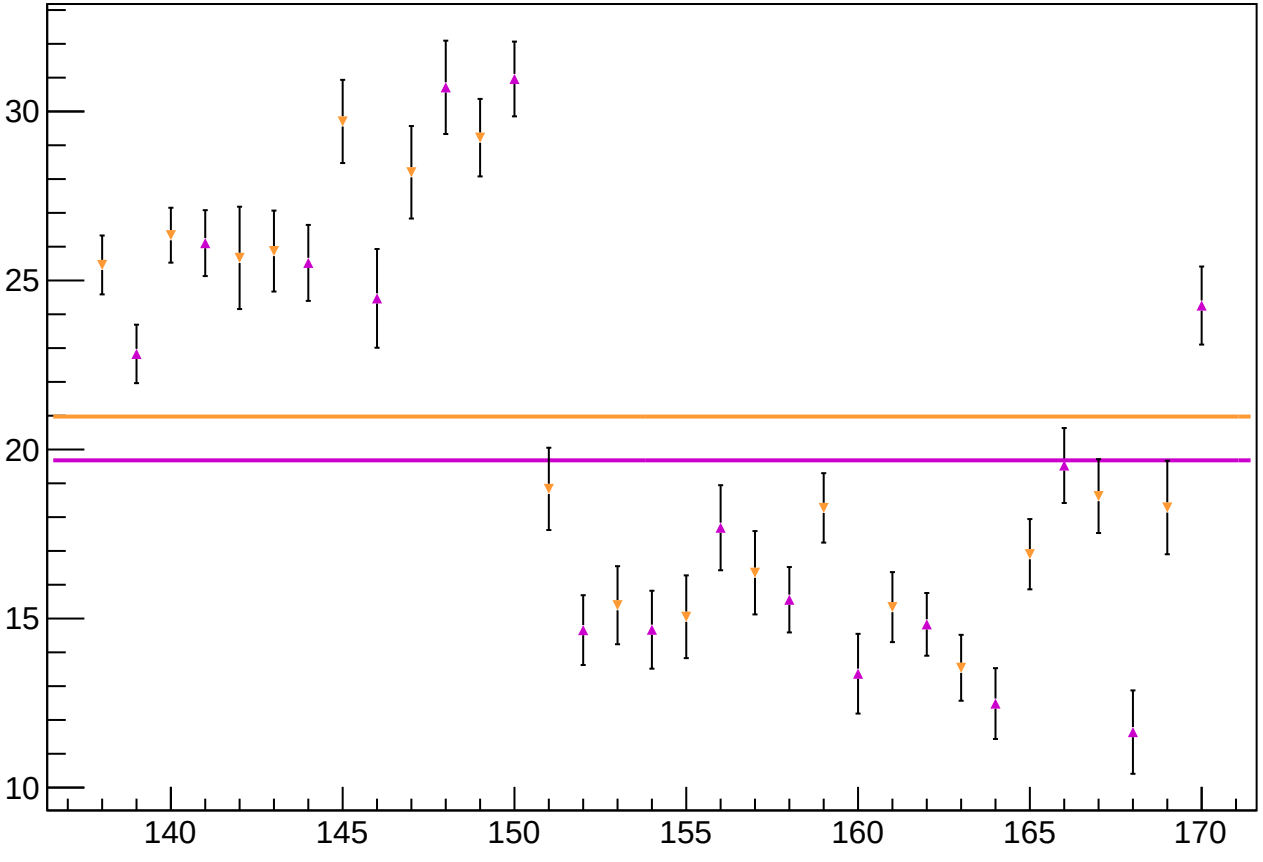
Left In: -0.301+/-0.010 χ^2/NDF:1557.1/15

+ sign -0.157+/-0.008 χ^2/NDF: 1919.3/33

All: -0.154+/-0.006 χ^2/NDF: 4638.7/68

- sign -0.151+/-0.008 χ^2/NDF: 2719.1/34

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 20.975+/-0.268 χ^2/NDF:408.8/16

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

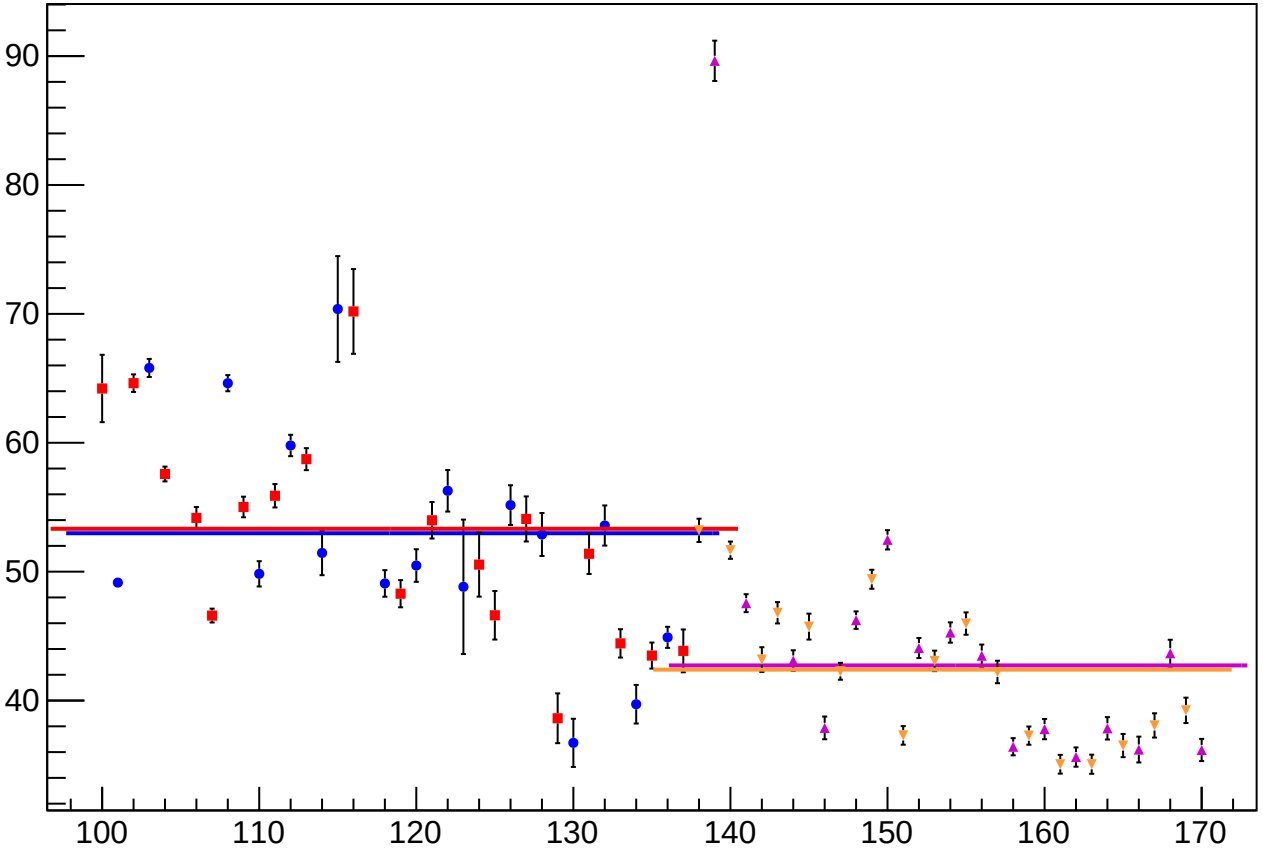
Left In: 19.680+/-0.273 χ^2/NDF:487.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 20.339+/-0.191 χ^2/NDF: 907.3/32

- 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: 42.398+/-0.195 χ^2/NDF:859.2/16

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

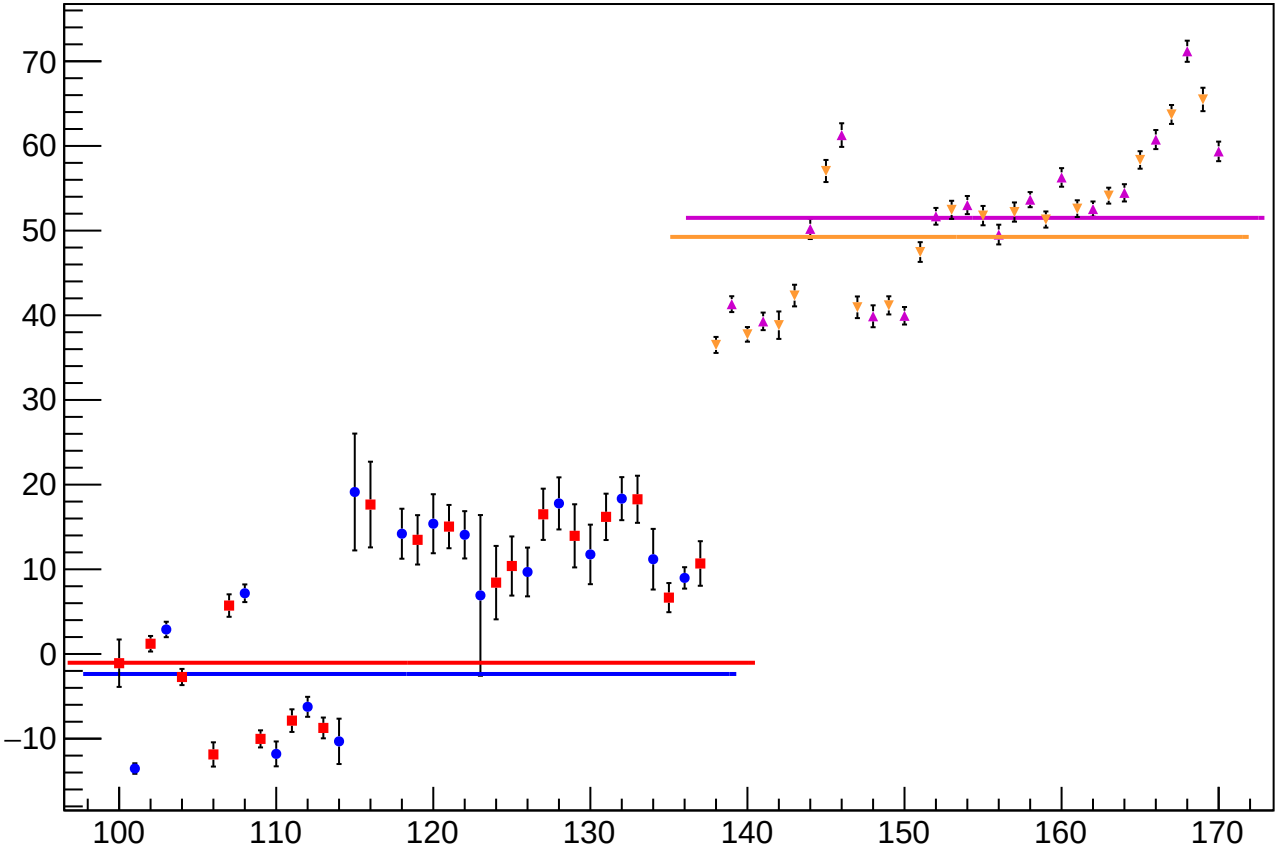
Left In: 42.725+/-0.204 χ^2/NDF:1541.7/15

+ sign 47.284+/-0.143 χ^2/NDF: 3422.0/33

All: 47.368+/-0.104 χ^2/NDF: 7047.5/68

- sign 47.462+/-0.152 χ^2/NDF: 3624.8/34

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 49.257+/-0.265 χ^2/NDF:1013.2/16

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

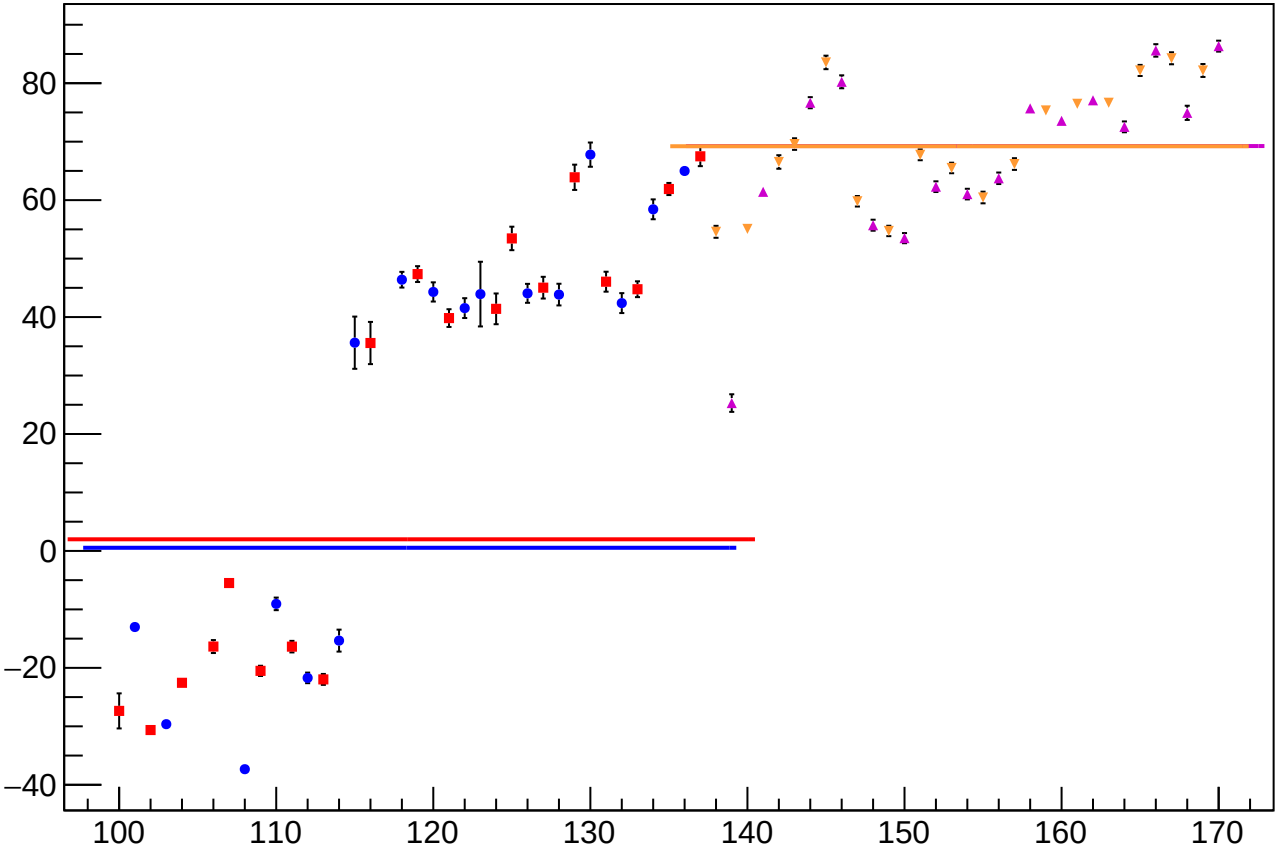
Left In: 51.506+/-0.268 χ^2/NDF:914.4/15

+ sign 31.321+/-0.214 χ^2/NDF: 14989.3/33

All: 32.565+/-0.153 χ^2/NDF: 29384.1/68

- sign 33.855+/-0.218 χ^2/NDF: 14326.3/34

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 69.218+/-0.224 χ^2/NDF:1934.6/16

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

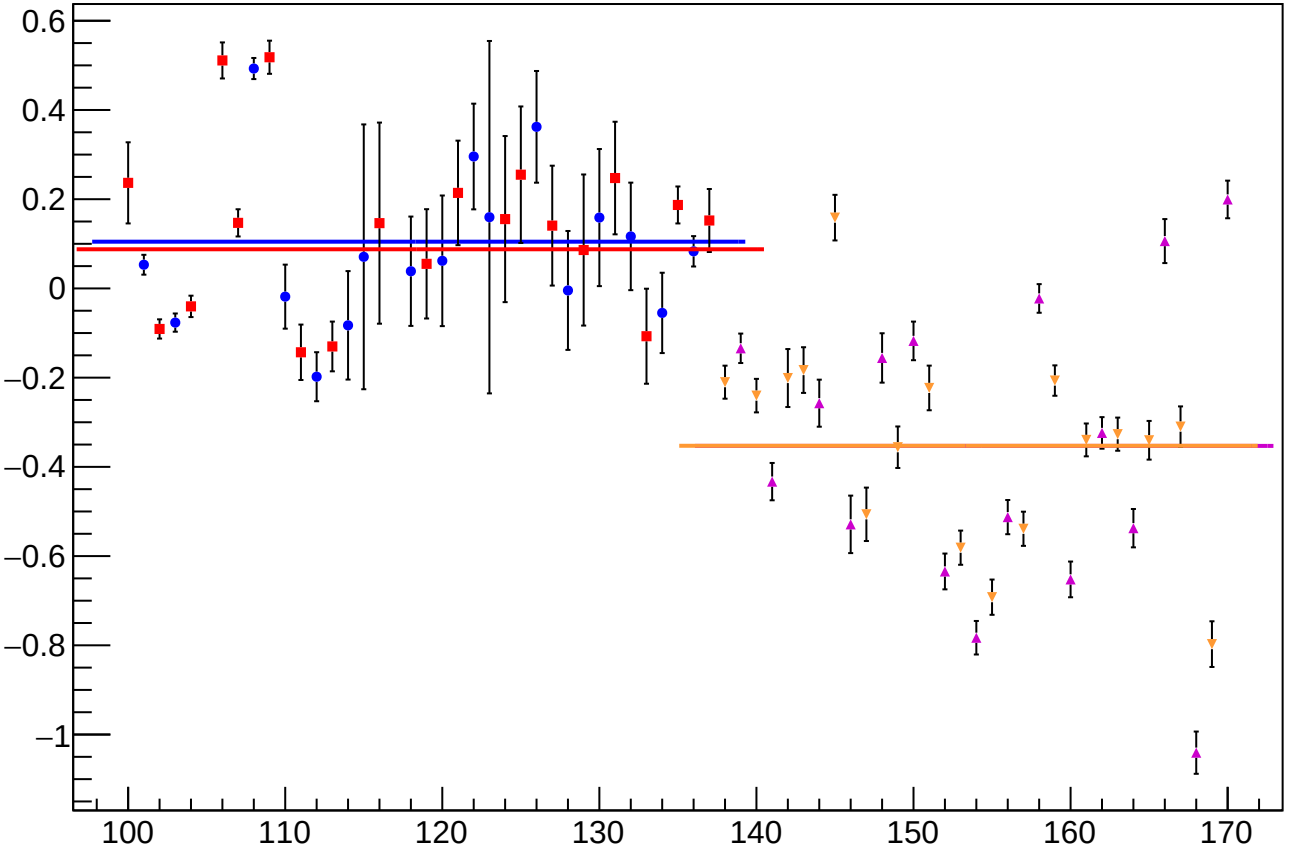
Left In: 69.250+/-0.232 χ^2/NDF:2618.5/15

+ sign 38.144+/-0.166 χ^2/NDF: 62788.0/33

All: 39.146+/-0.120 χ^2/NDF: 117199.4/68

- sign 40.261+/-0.175 χ^2/NDF: 54334.3/34

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.353+/-0.010 χ^2/NDF:381.9/16

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

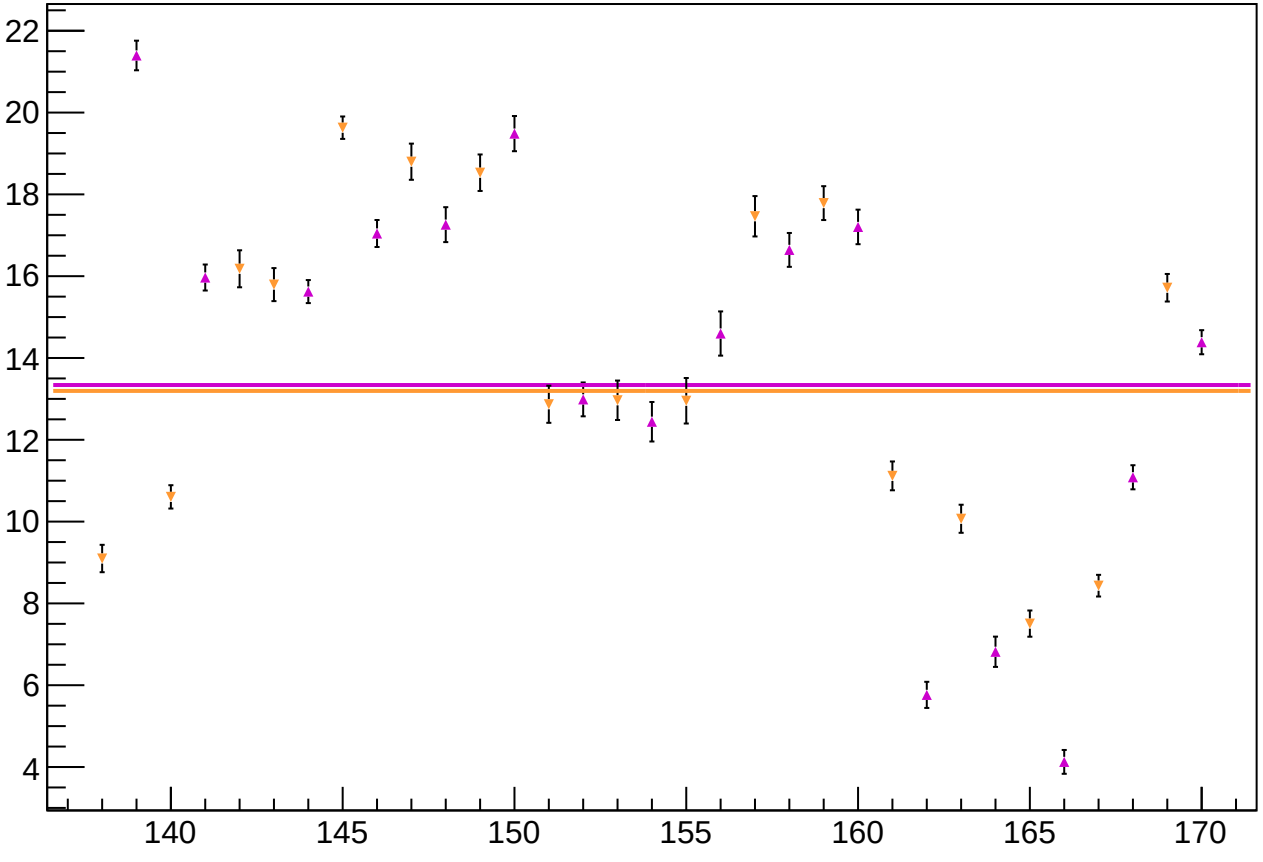
Left In: -0.353+/-0.010 χ^2/NDF:948.3/15

+ sign -0.138+/-0.008 χ^2/NDF: 1696.0/33

All: -0.142+/-0.005 χ^2/NDF: 3886.1/68

- sign -0.146+/-0.008 χ^2/NDF: 2189.6/34

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 13.195+/-0.089 χ^2/NDF:2182.4/16

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

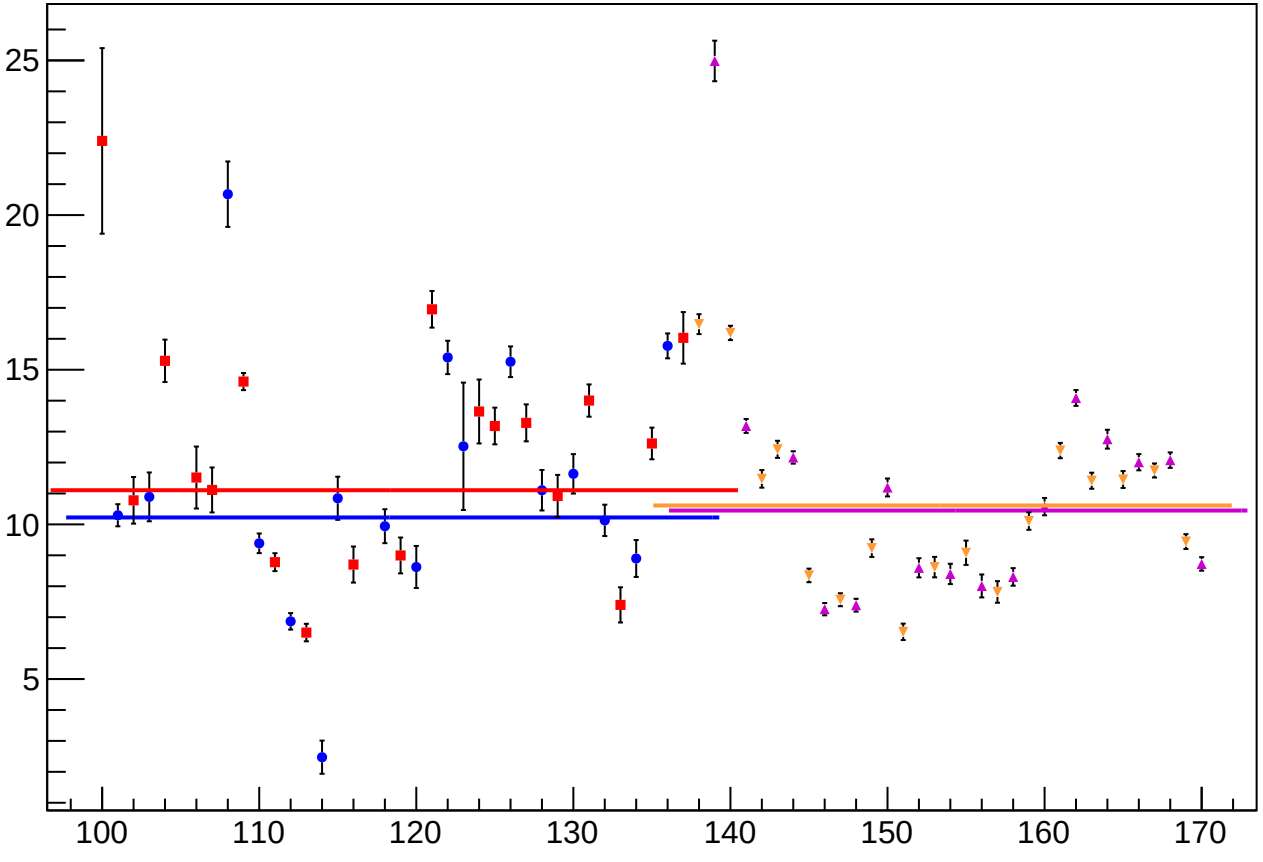
Left In: 13.339+/-0.089 χ^2/NDF:3145.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 13.267+/-0.063 χ^2/NDF: 5328.9/32

- 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: 10.612+/-0.064 χ^2/NDF:1780.8/16

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

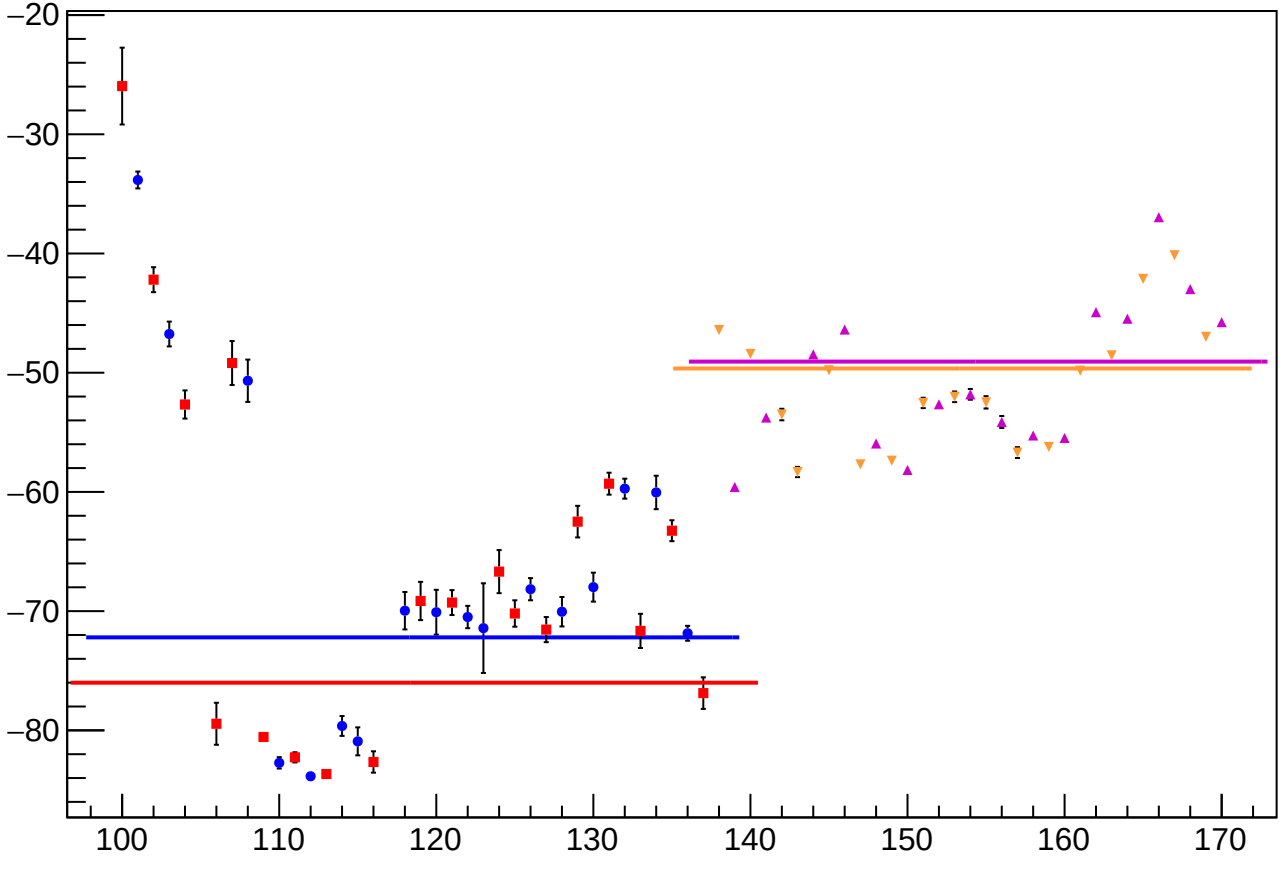
Left In: 10.448+/-0.065 χ^2/NDF:1768.8/15

+ sign 10.524+/-0.057 χ^2/NDF: 2666.6/33

All: 10.564+/-0.040 χ^2/NDF: 5277.8/68

- sign 10.604+/-0.057 χ^2/NDF: 2610.2/34

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -49.647+/-0.089 χ^2/NDF:3783.6/16

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

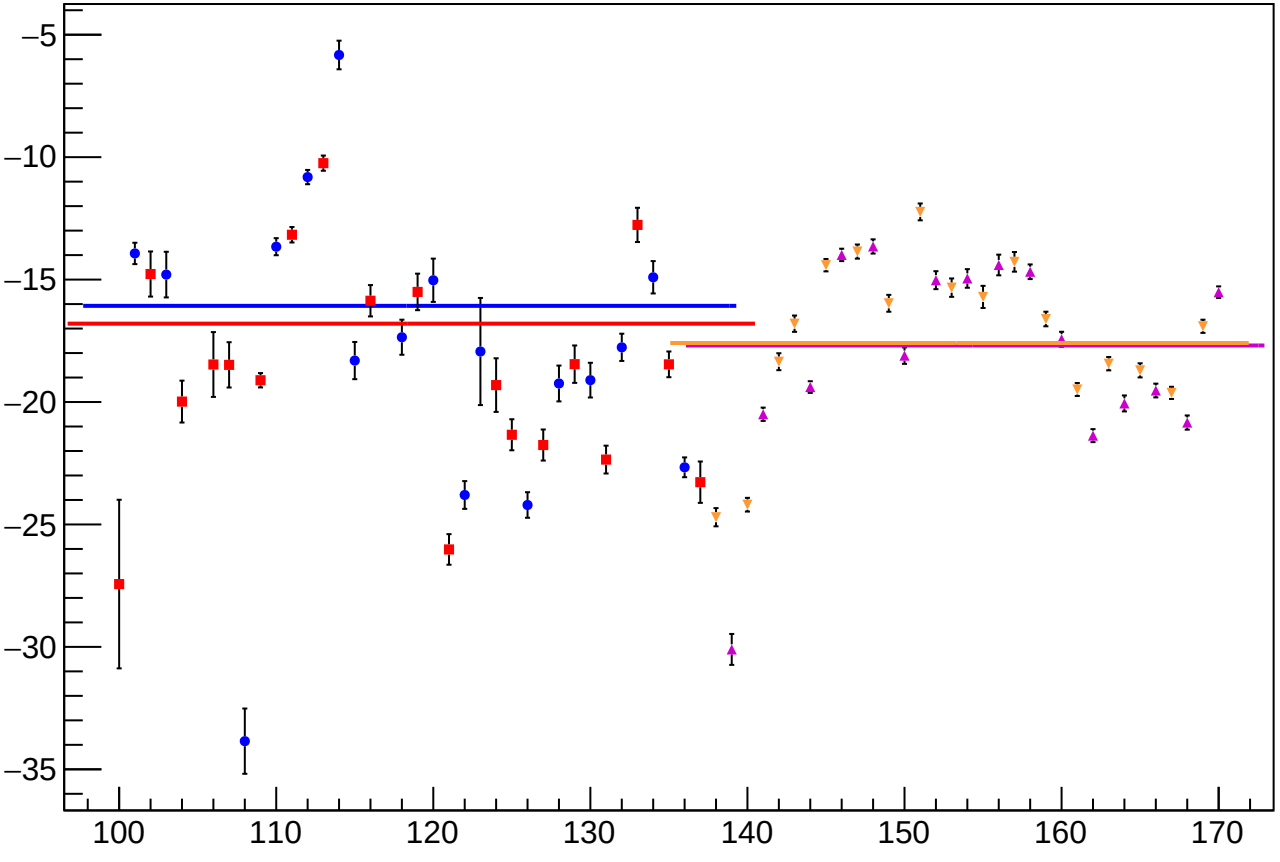
Left In: -49.068+/-0.088 χ^2/NDF:5038.2/15

+ sign -53.424+/-0.081 χ^2/NDF: 20186.3/33

All: -53.823+/-0.057 χ^2/NDF: 46673.4/68

- sign -54.203+/-0.079 χ^2/NDF: 26439.6/34

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -17.590+/-0.074 χ^2/NDF:1802.6/16

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

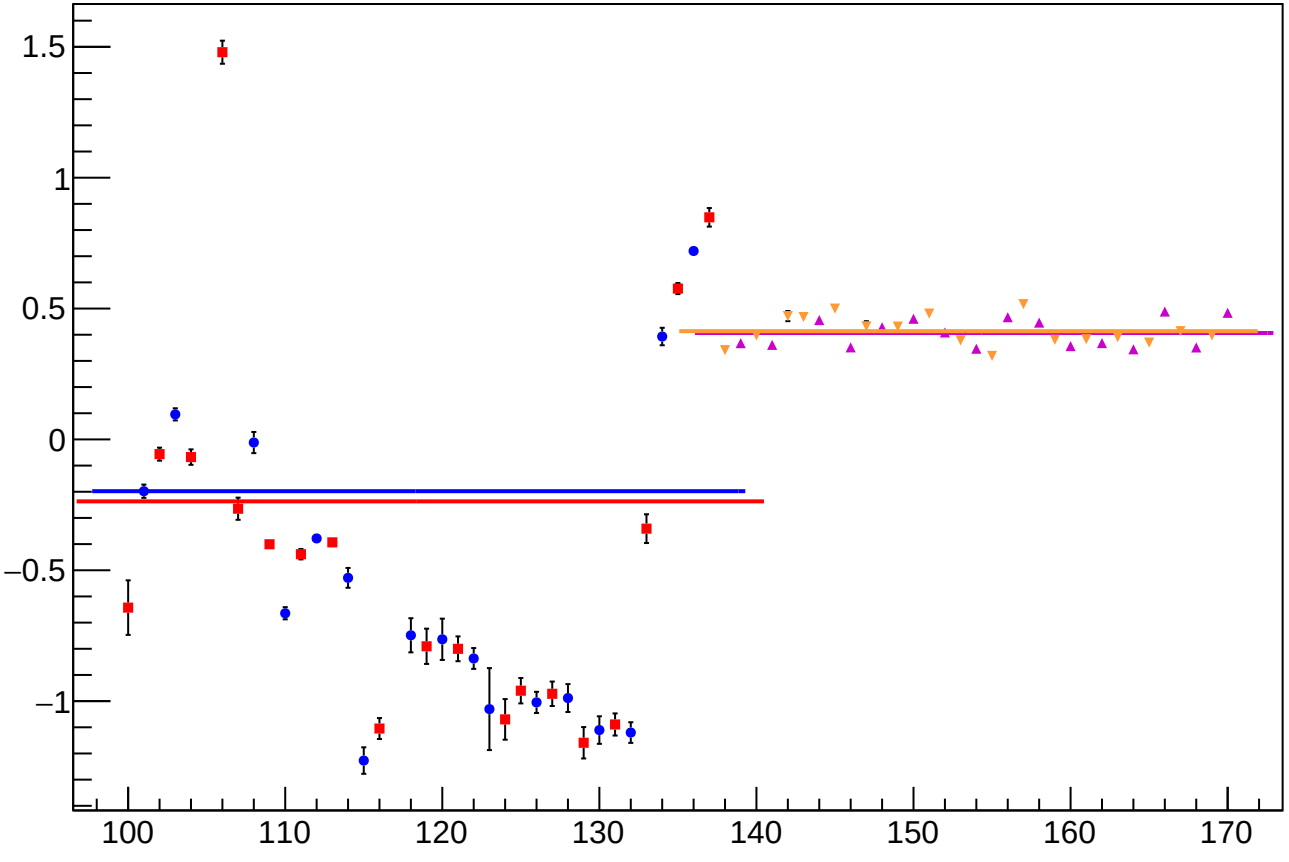
Left In: -17.691+/-0.075 χ^2/NDF:1708.8/15

+ sign -17.225+/-0.065 χ^2/NDF: 3543.8/33

All: -17.344+/-0.046 χ^2/NDF: 6511.1/68

- sign -17.464+/-0.065 χ^2/NDF: 2960.6/34

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.414+/-0.003 χ^2/NDF:221.8/16

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

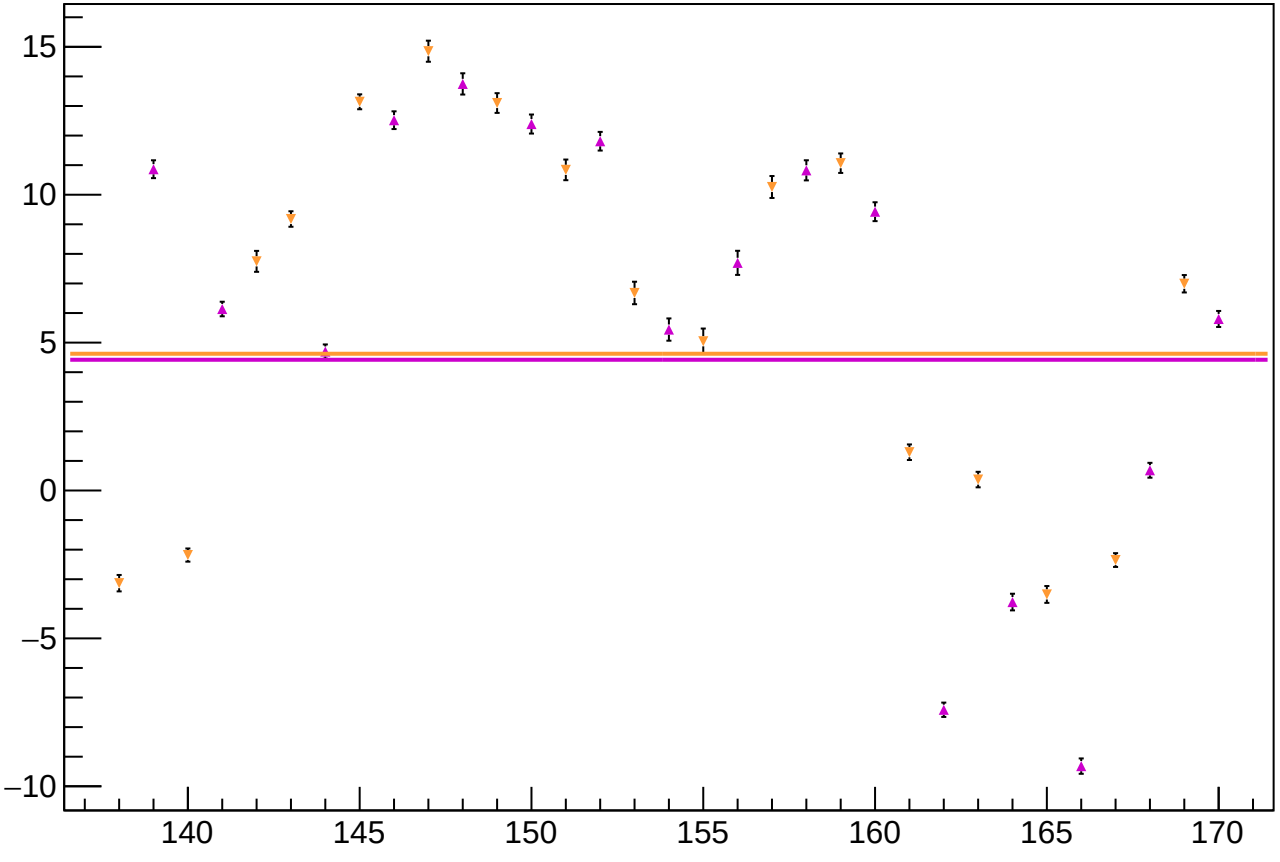
Left In: 0.407+/-0.003 χ^2/NDF:249.3/15

+ sign 0.305+/-0.003 χ^2/NDF: 11977.9/33

All: 0.295+/-0.002 χ^2/NDF: 24993.5/68

- sign 0.285+/-0.003 χ^2/NDF: 12994.2/34

reg_asym_sam8_diff_bpm1X_slope vs Slug



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

Left Out: 4.623+/-0.071 χ^2/NDF:7865.3/16

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

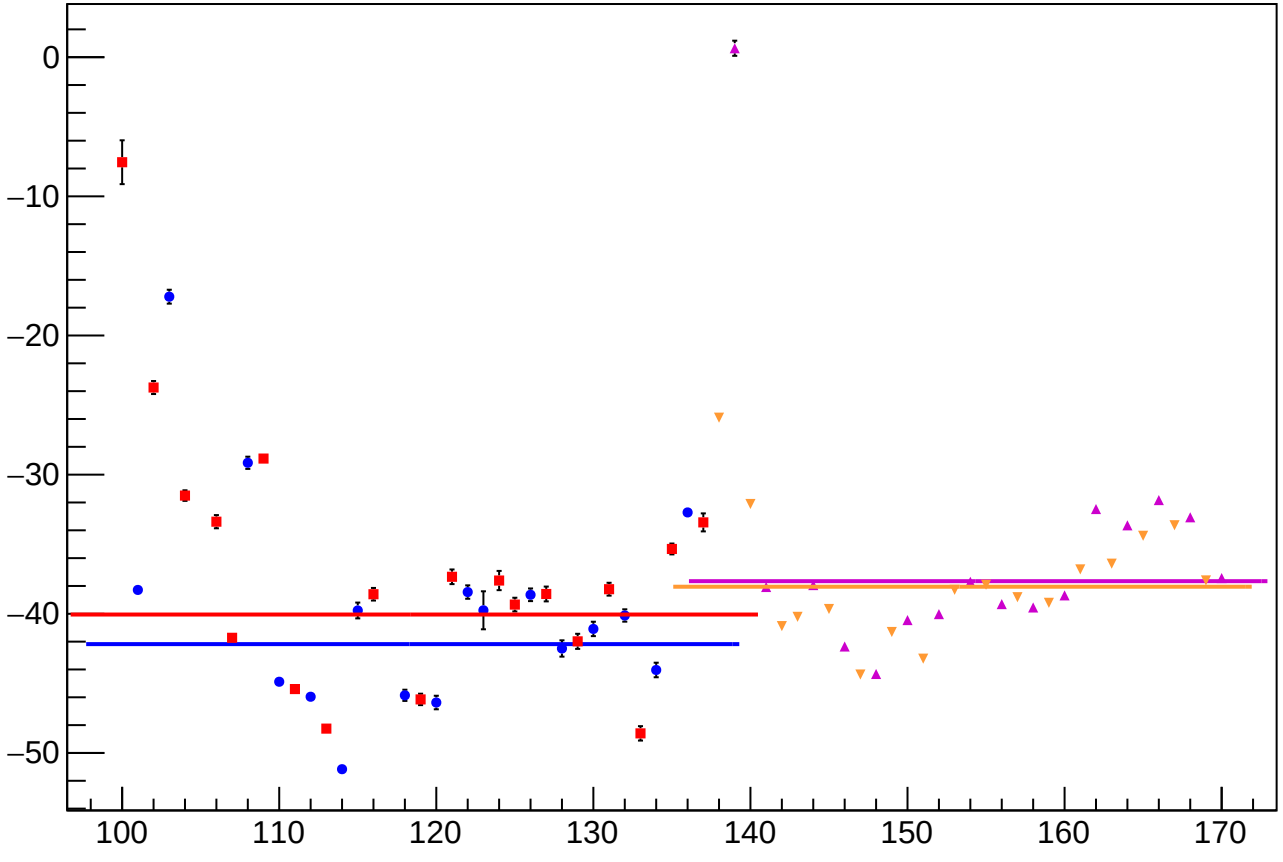
Left In: 4.420+/-0.073 χ^2/NDF:10017.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.524+/-0.051 χ^2/NDF: 17886.8/32

- 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: -38.054+/-0.051 χ^2/NDF:6590.0/16

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

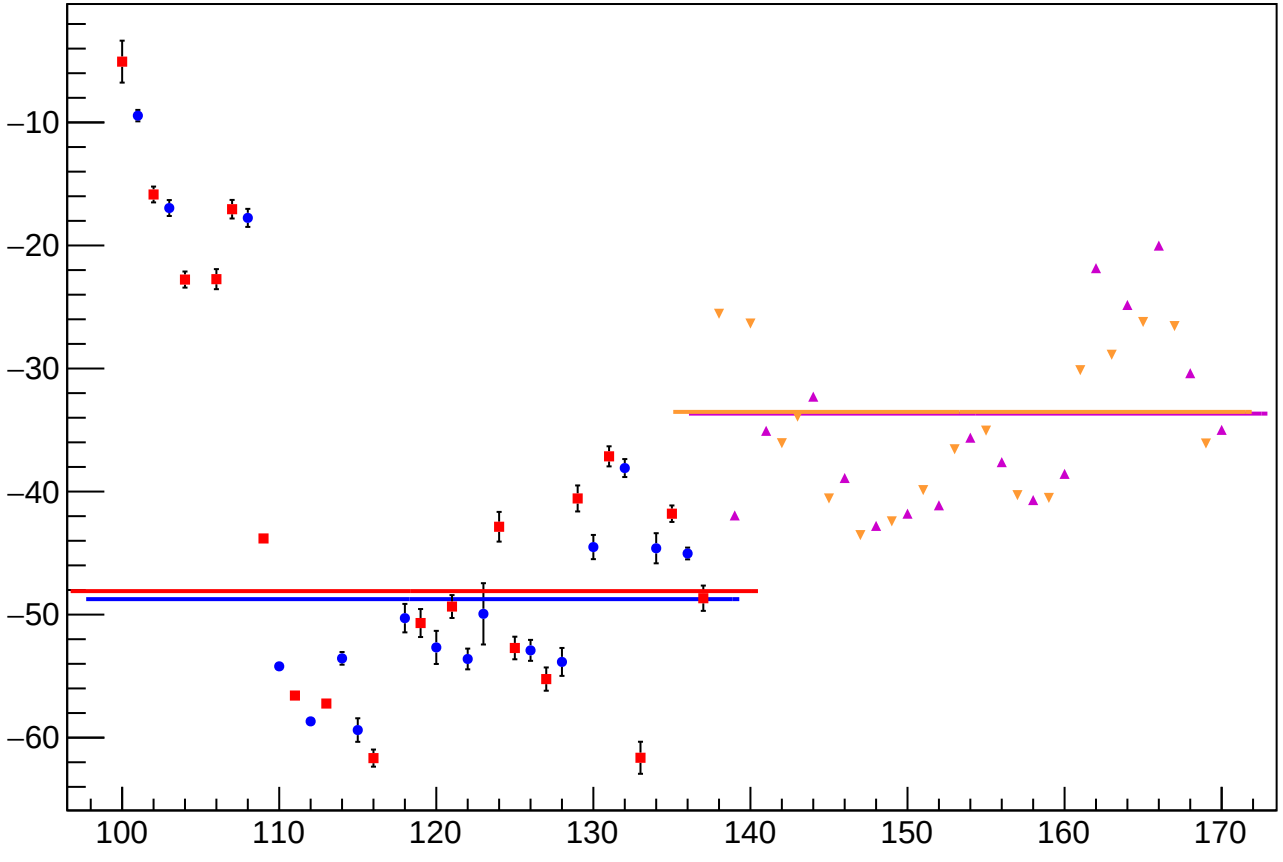
Left In: -37.655+/-0.054 χ^2/NDF:9512.8/15

+ sign -39.311+/-0.043 χ^2/NDF: 15119.9/33

All: -38.906+/-0.030 χ^2/NDF: 36828.9/68

- sign -38.497+/-0.043 χ^2/NDF: 21530.0/34

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -33.525+/-0.071 χ^2/NDF:7554.6/16

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

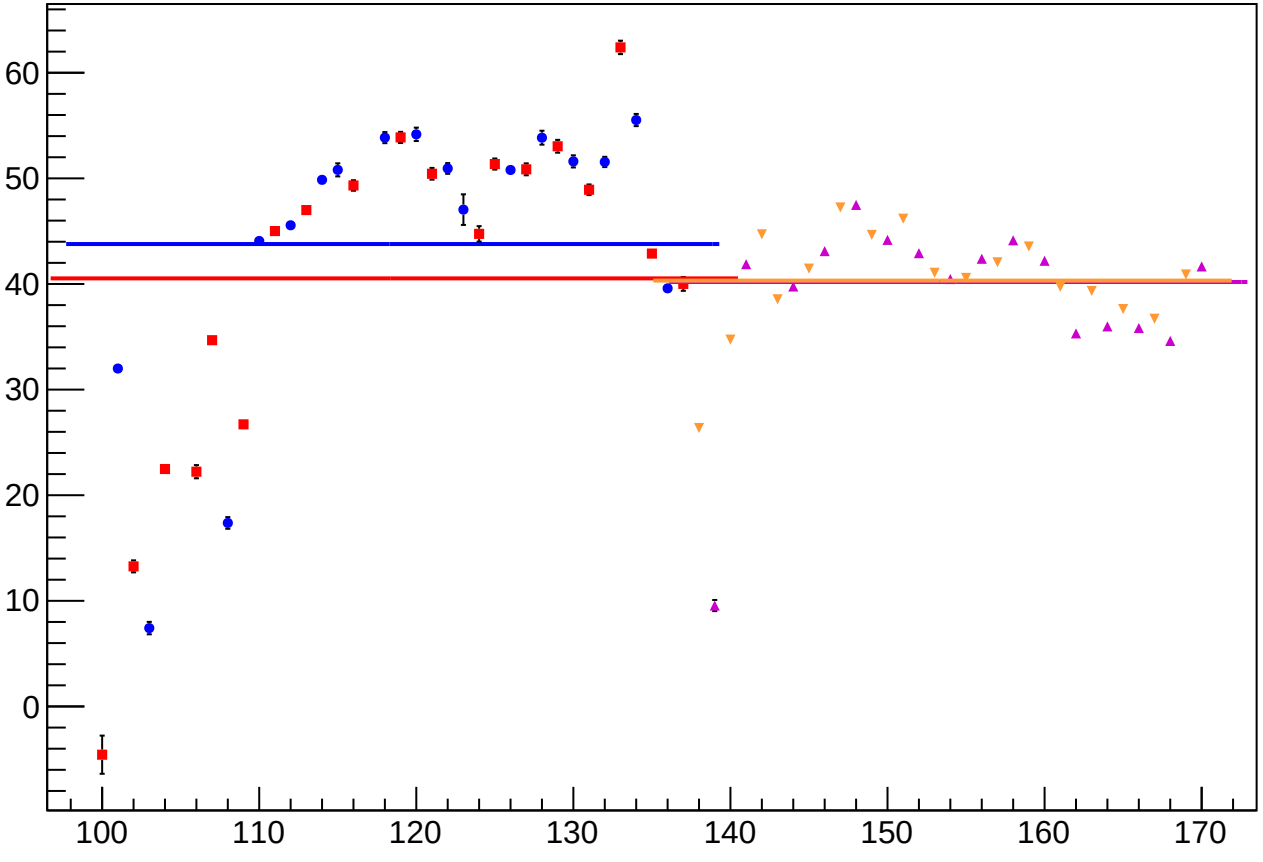
Left In: -33.665+/-0.072 χ^2/NDF:10470.8/15

+ sign -37.279+/-0.062 χ^2/NDF: 33481.3/33

All: -37.723+/-0.043 χ^2/NDF: 68272.7/68

- sign -38.138+/-0.060 χ^2/NDF: 34691.6/34

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 40.321+/-0.060 χ^2/NDF:5312.0/16

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

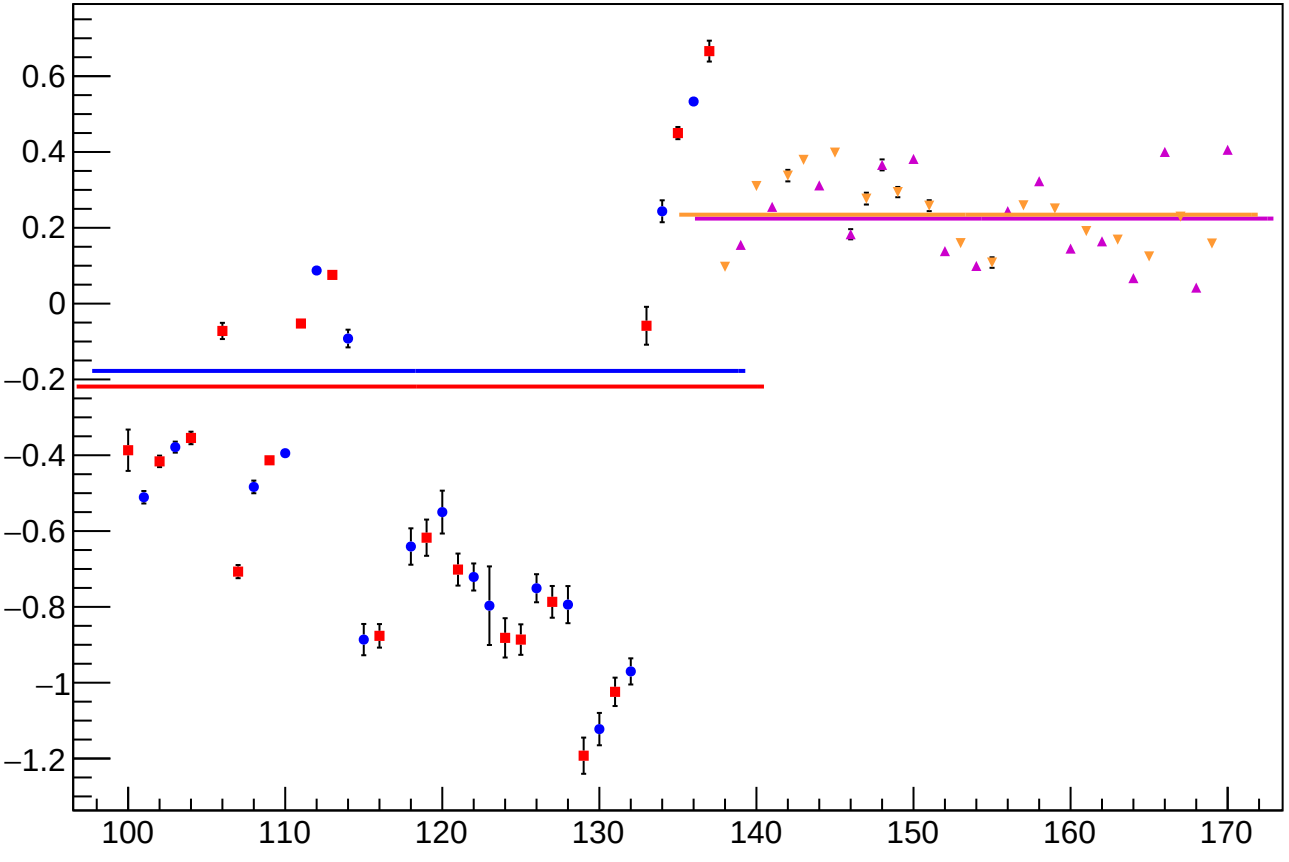
Left In: 40.188+/-0.062 χ^2/NDF:6977.9/15

+ sign 41.432+/-0.049 χ^2/NDF: 17034.9/33

All: 40.870+/-0.035 χ^2/NDF: 41865.5/68

- sign 40.315+/-0.049 χ^2/NDF: 24570.1/34

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.235+/-0.003 χ^2/NDF:994.3/16

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

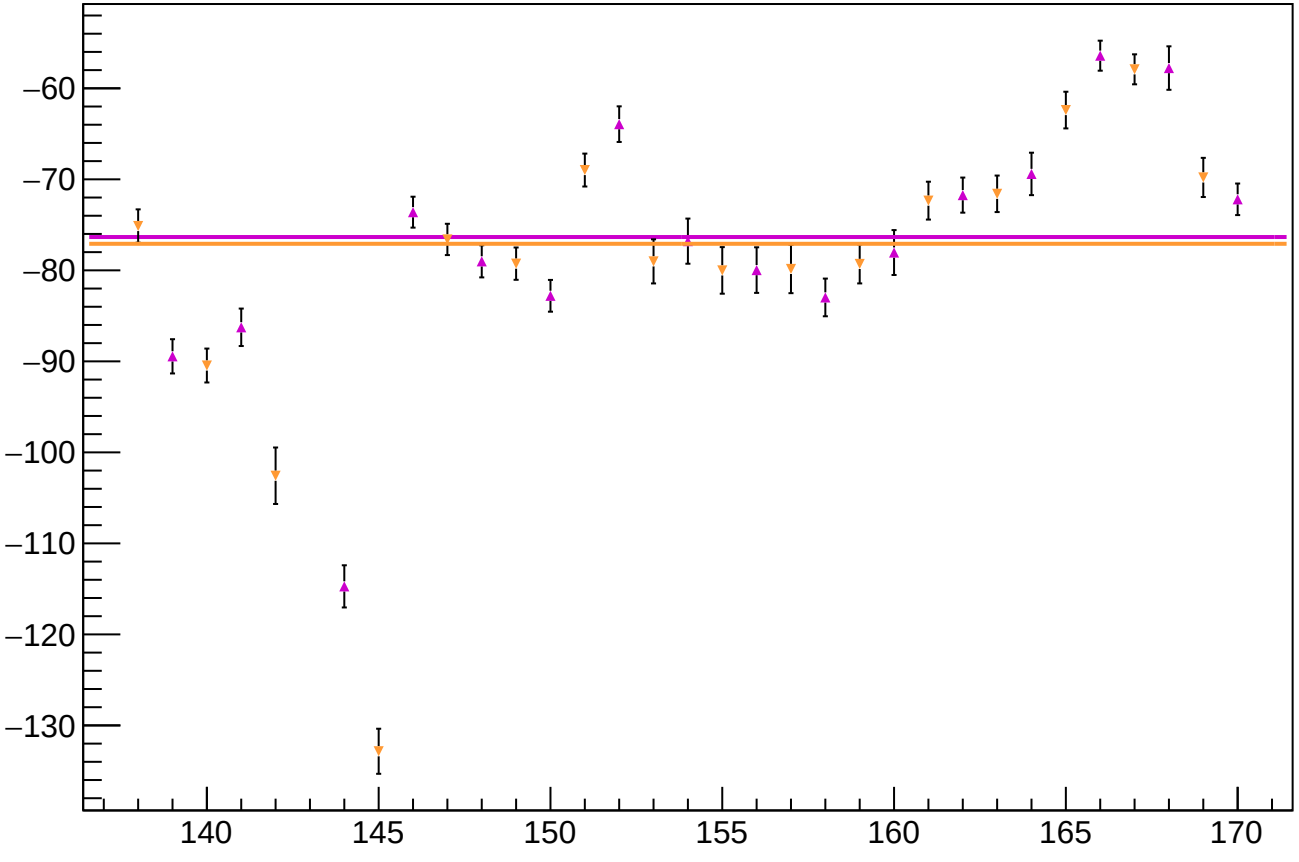
Left In: 0.224+/-0.003 χ^2/NDF:1800.4/15

+ sign 0.131+/-0.002 χ^2/NDF: 13805.1/33

All: 0.110+/-0.002 χ^2/NDF: 30627.3/68

- sign 0.090+/-0.002 χ^2/NDF: 16680.7/34

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -77.083+/-0.512 χ^2/NDF:865.8/15

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

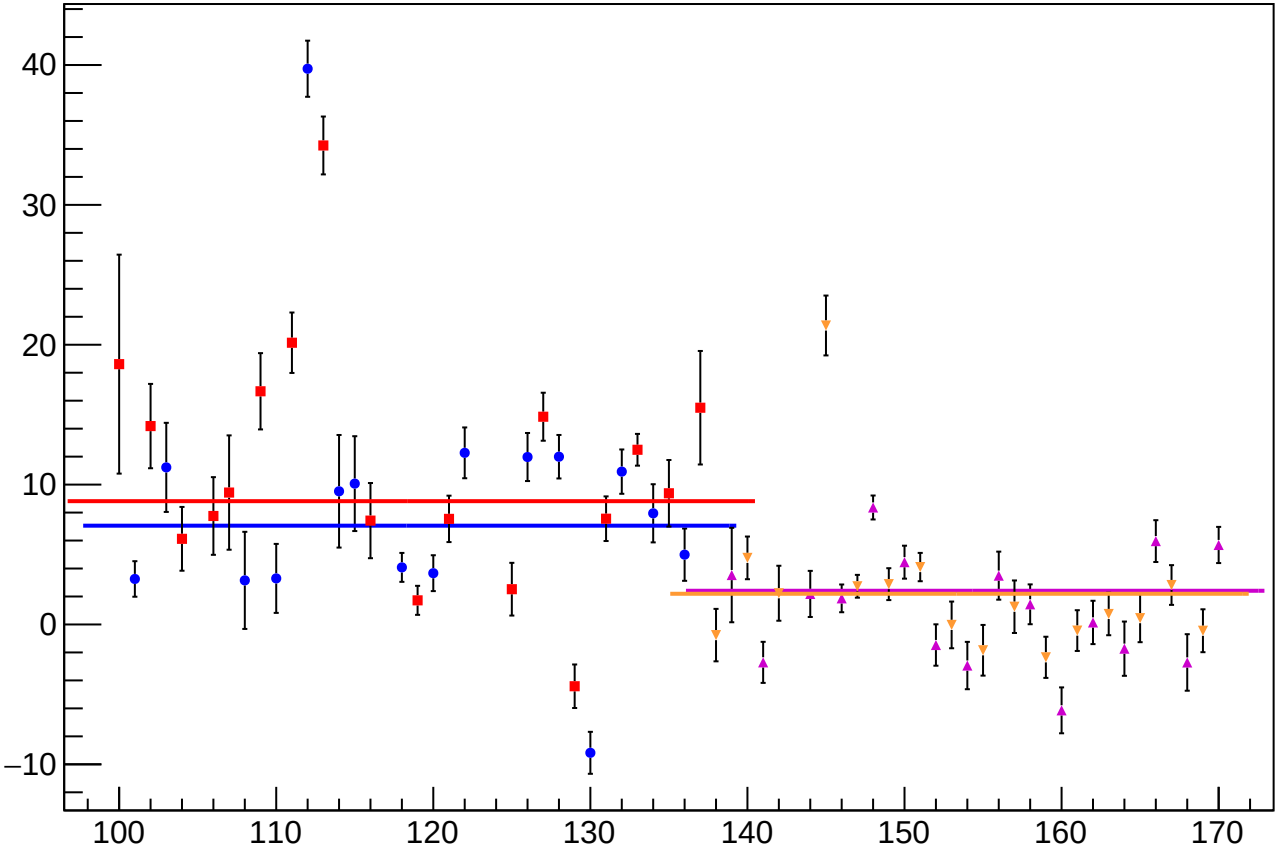
Left In: -76.339+/-0.499 χ^2/NDF:644.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -76.701+/-0.358 χ^2/NDF: 1511.1/31

- 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: 2.195+/-0.353 χ^2/NDF:114.9/15

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

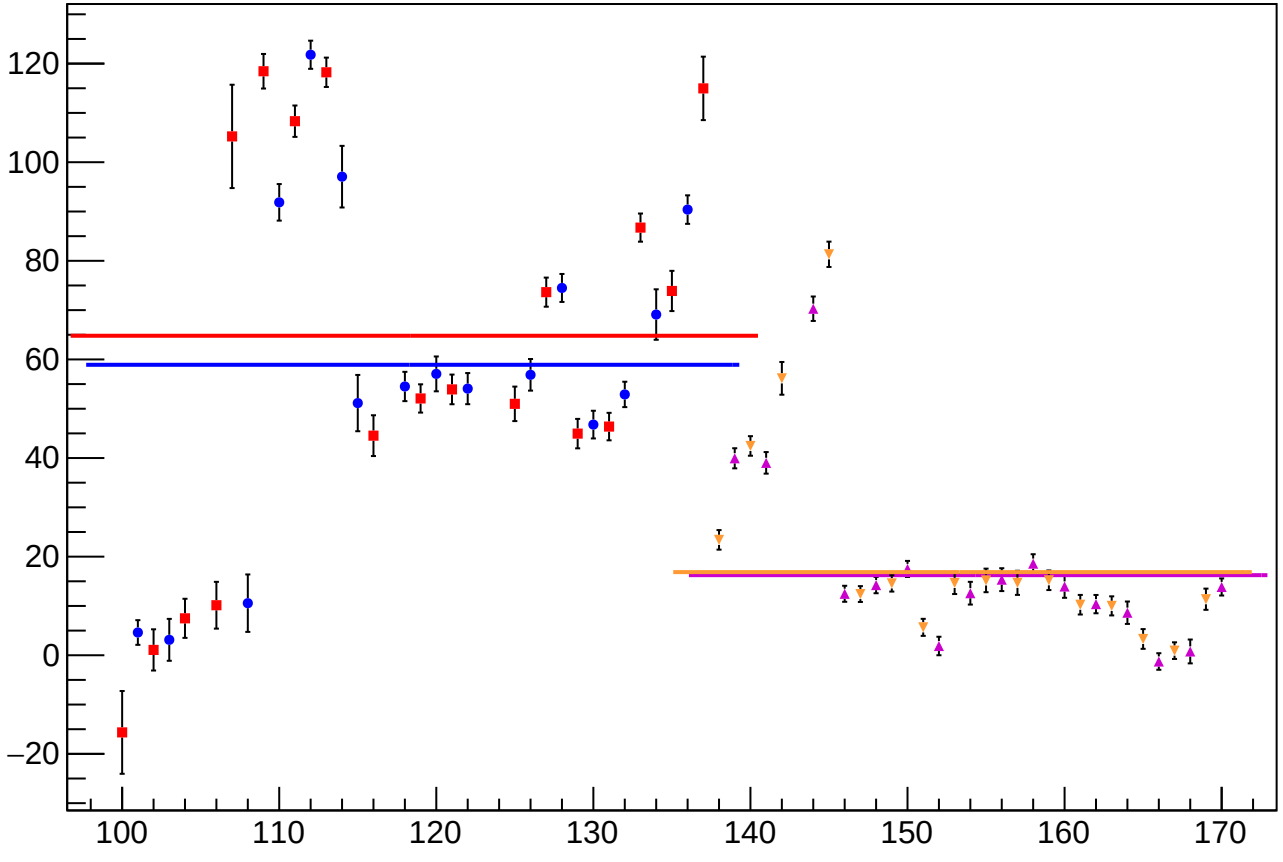
Left In: 2.410+/-0.353 χ^2/NDF:134.0/15

+ sign 4.137+/-0.274 χ^2/NDF: 637.6/31

All: 4.494+/-0.195 χ^2/NDF: 1251.0/65

- sign 4.861+/-0.278 χ^2/NDF: 610.0/33

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 16.863+/-0.502 χ^2/NDF:1166.5/15

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

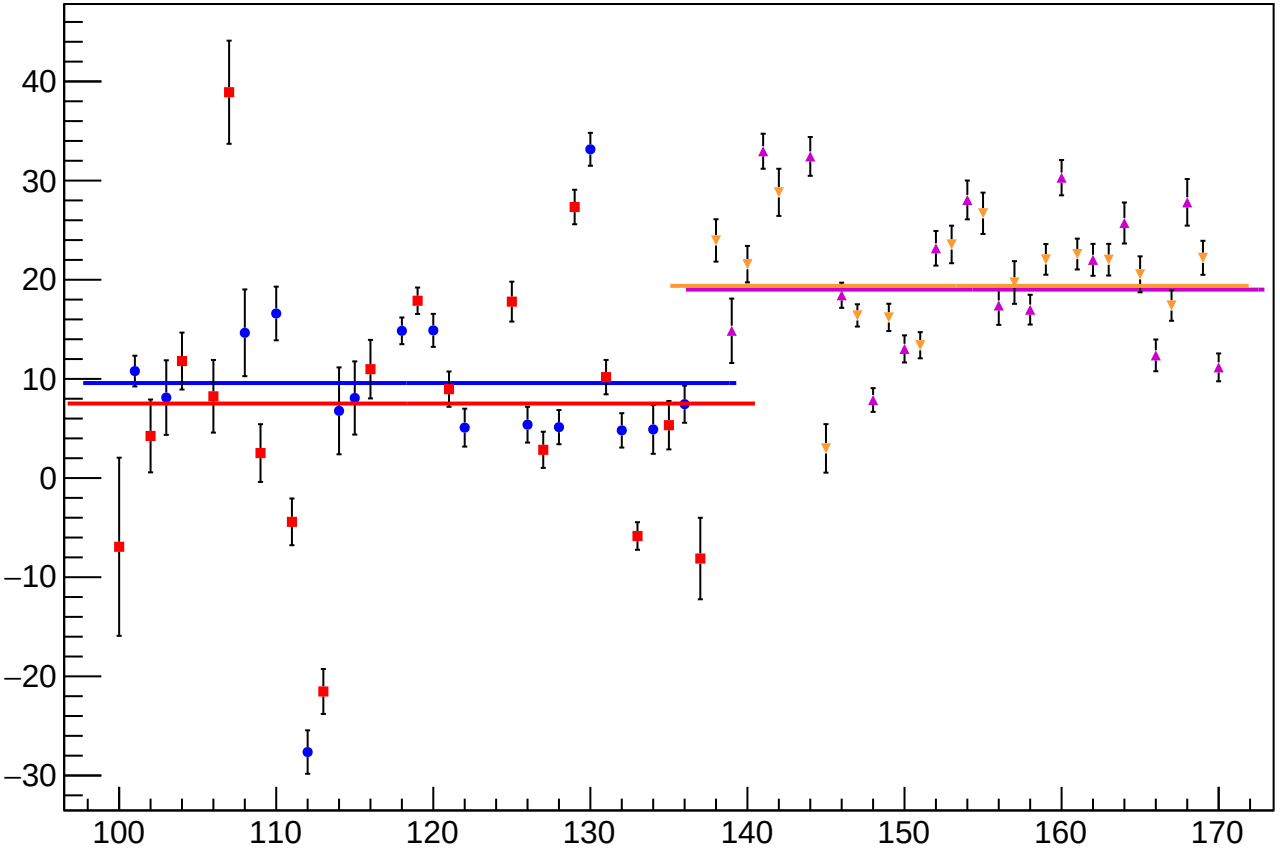
Left In: 16.245+/-0.488 χ^2/NDF:963.2/15

+ sign 28.099+/-0.430 χ^2/NDF: 4537.7/31

All: 28.303+/-0.301 χ^2/NDF: 9716.3/65

- sign 28.500+/-0.422 χ^2/NDF: 5178.2/33

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 19.382+/-0.416 χ^2/NDF:131.6/15

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

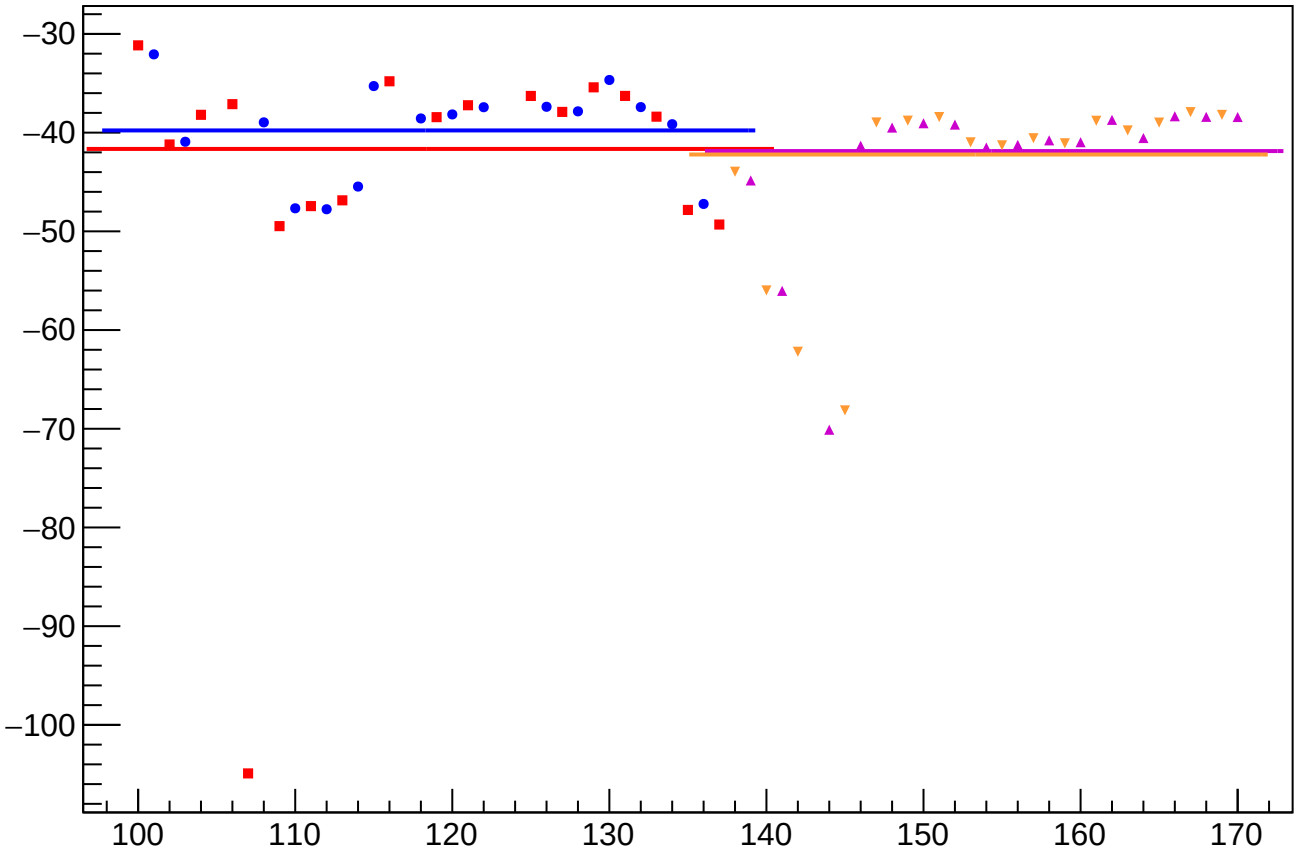
Left In: 19.004+/-0.414 χ^2/NDF:363.4/15

+ sign 15.379+/-0.320 χ^2/NDF: 912.2/31

All: 14.945+/-0.227 χ^2/NDF: 2151.0/65

- sign 14.504+/-0.323 χ^2/NDF: 1235.1/33

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -42.216+/-0.020 χ^2/NDF:131959.8/15

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

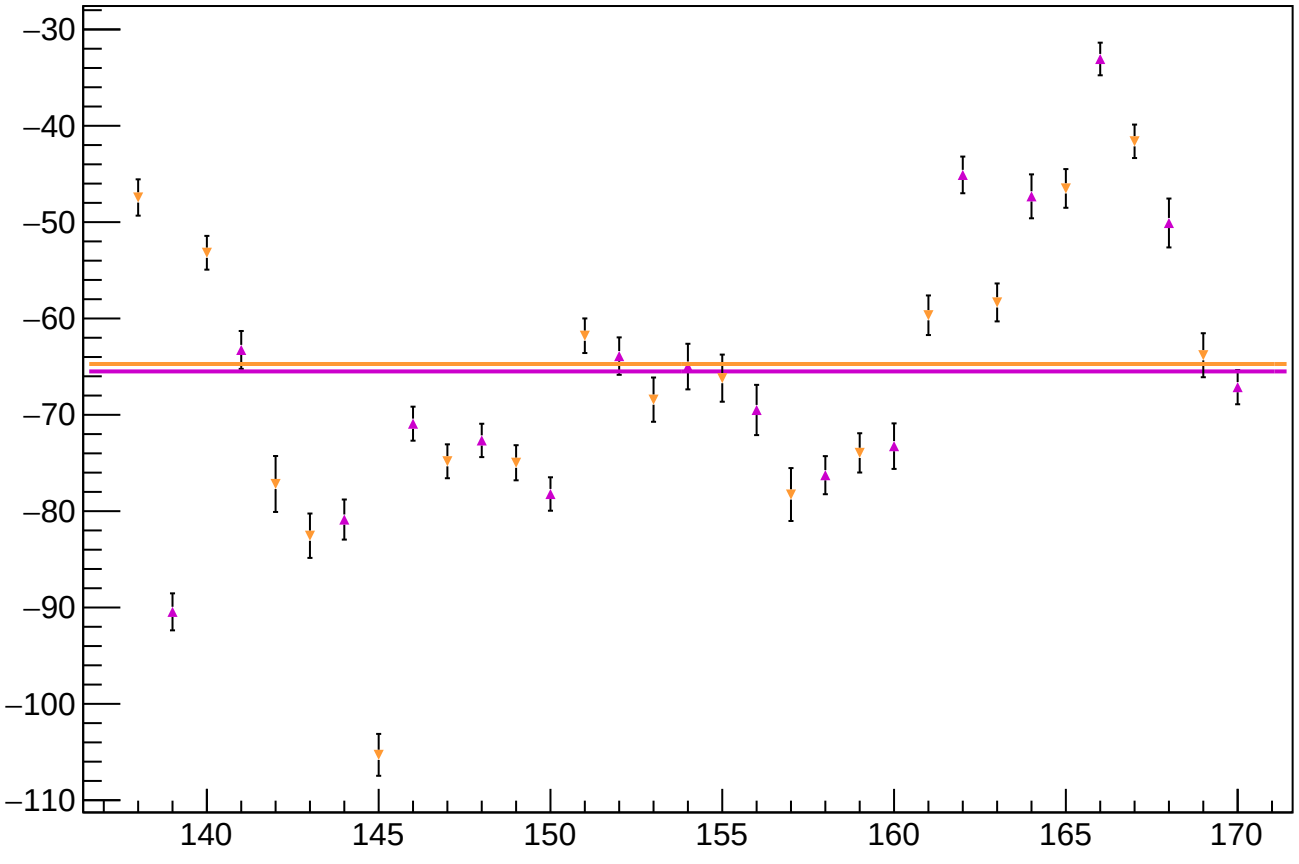
Left In: -41.867+/-0.019 χ^2/NDF:107998.5/15

+ sign -41.503+/-0.017 χ^2/NDF: 162479.1/31

All: -41.659+/-0.012 χ^2/NDF: 365138.0/65

- sign -41.807+/-0.016 χ^2/NDF: 202490.8/33

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -64.724+/-0.497 χ^2/NDF:945.2/16

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

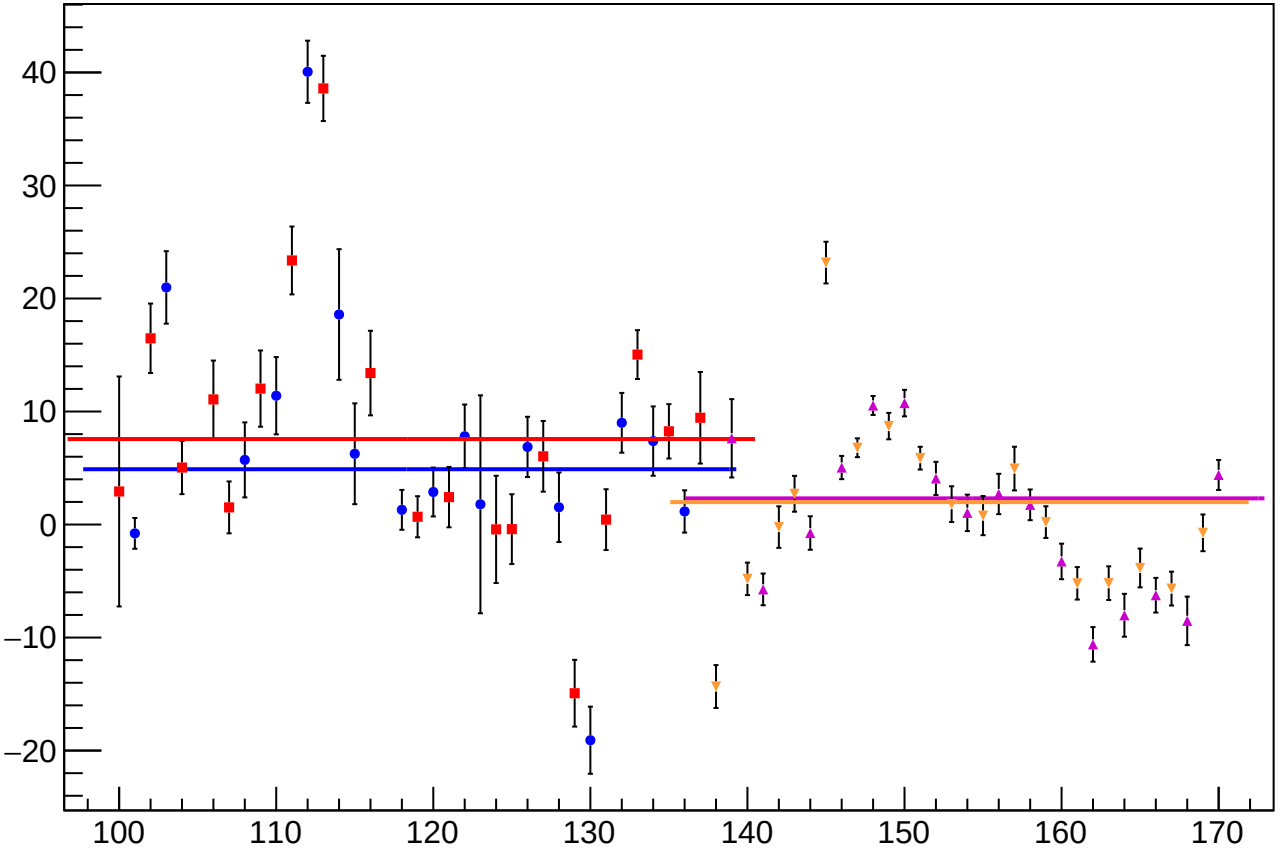
Left In: -65.495+/-0.496 χ^2/NDF:931.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -65.110+/-0.351 χ^2/NDF: 1877.9/32

- 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: 1.982+/-0.343 χ^2/NDF:404.3/16

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

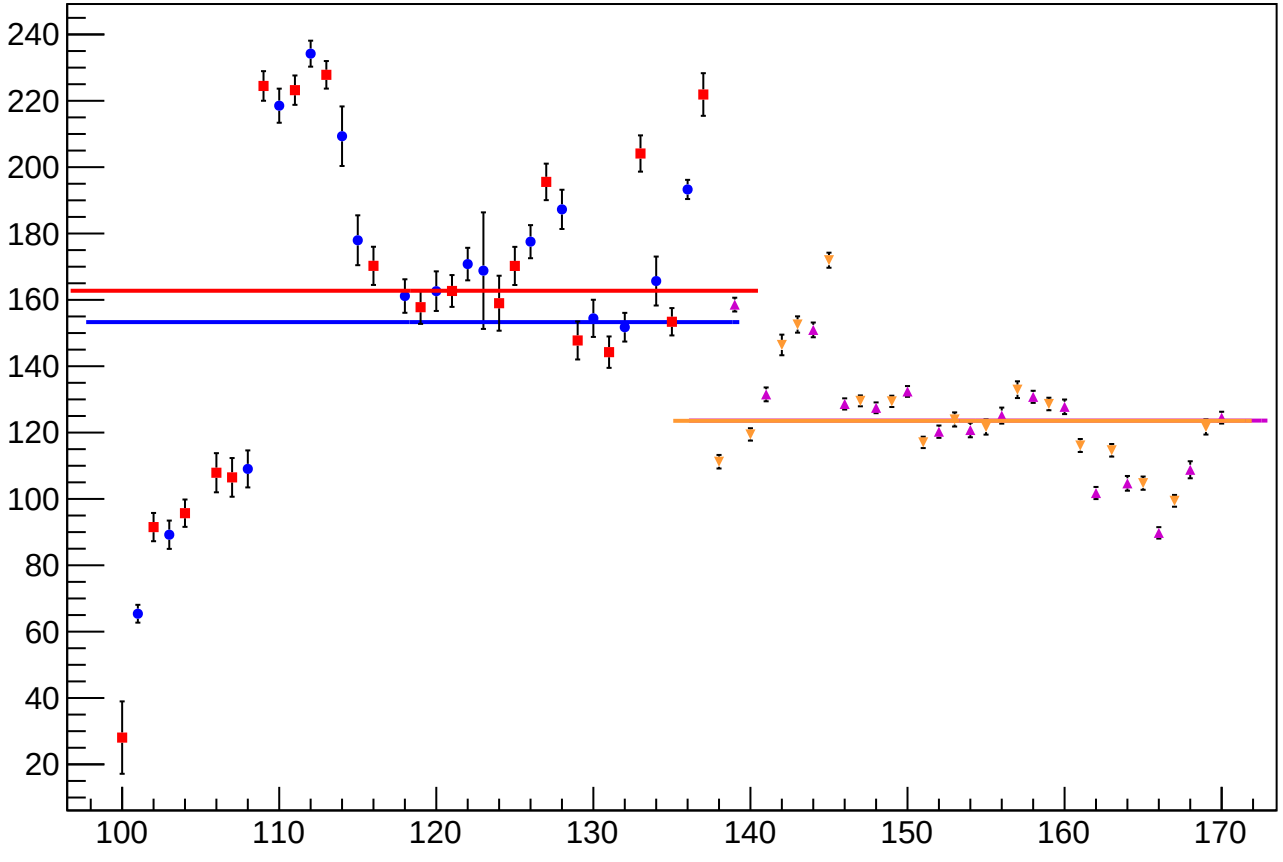
Left In: 2.315+/-0.350 χ^2/NDF:369.4/15

+ sign 2.662+/-0.300 χ^2/NDF: 716.5/33

All: 3.065+/-0.215 χ^2/NDF: 1410.2/68

- sign 3.490+/-0.308 χ^2/NDF: 689.9/34

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 123.544+/-0.489 χ^2/NDF:1060.4/16

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

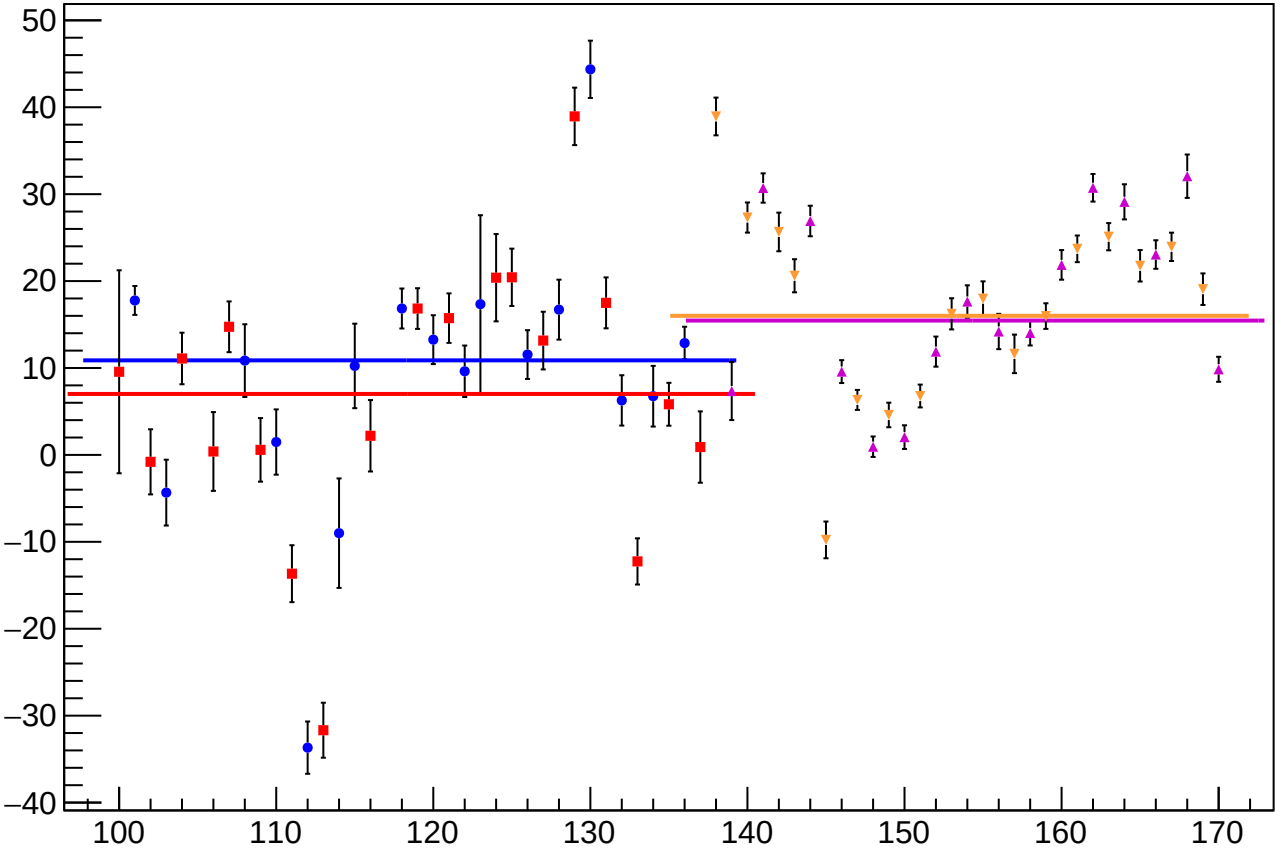
Left In: 123.613+/-0.485 χ^2/NDF:1149.5/15

+ sign 128.129+/-0.449 χ^2/NDF: 3898.6/33

All: 128.714+/-0.317 χ^2/NDF: 7705.8/68

- sign 129.296+/-0.448 χ^2/NDF: 3803.8/34

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 16.003+/-0.404 χ^2/NDF:613.8/16

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

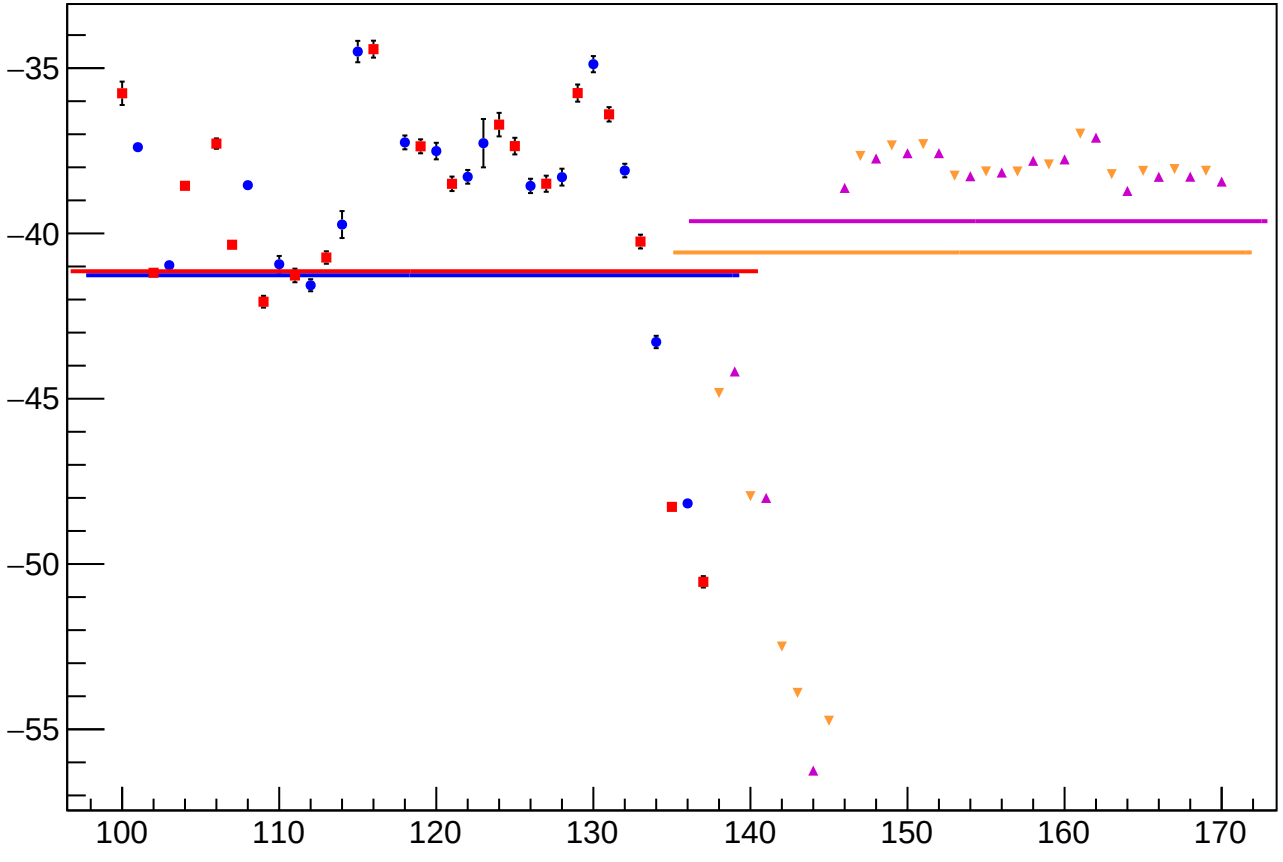
Left In: 15.456+/-0.410 χ^2/NDF:640.1/15

+ sign 14.759+/-0.351 χ^2/NDF: 1041.0/33

All: 14.147+/-0.251 χ^2/NDF: 2209.8/68

- sign 13.508+/-0.359 χ^2/NDF: 1162.6/34

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -40.575+/-0.019 χ^2/NDF:79143.9/16

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

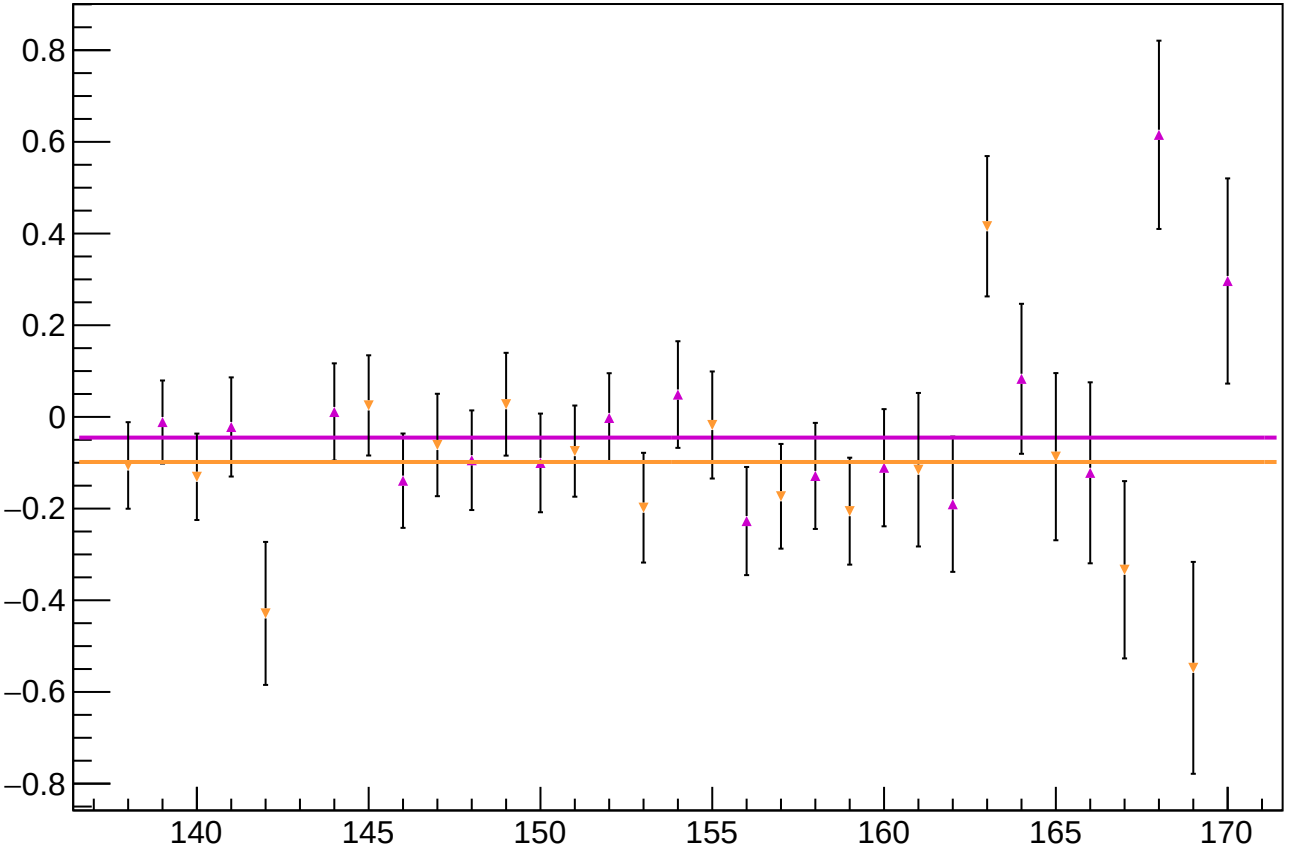
Left In: -39.629+/-0.019 χ^2/NDF:49470.7/15

+ sign -40.715+/-0.017 χ^2/NDF: 91970.0/33

All: -40.318+/-0.012 χ^2/NDF: 155932.1/68

- sign -39.929+/-0.017 χ^2/NDF: 62923.0/34

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.098+/-0.031 χ^2/NDF:26.3/15

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

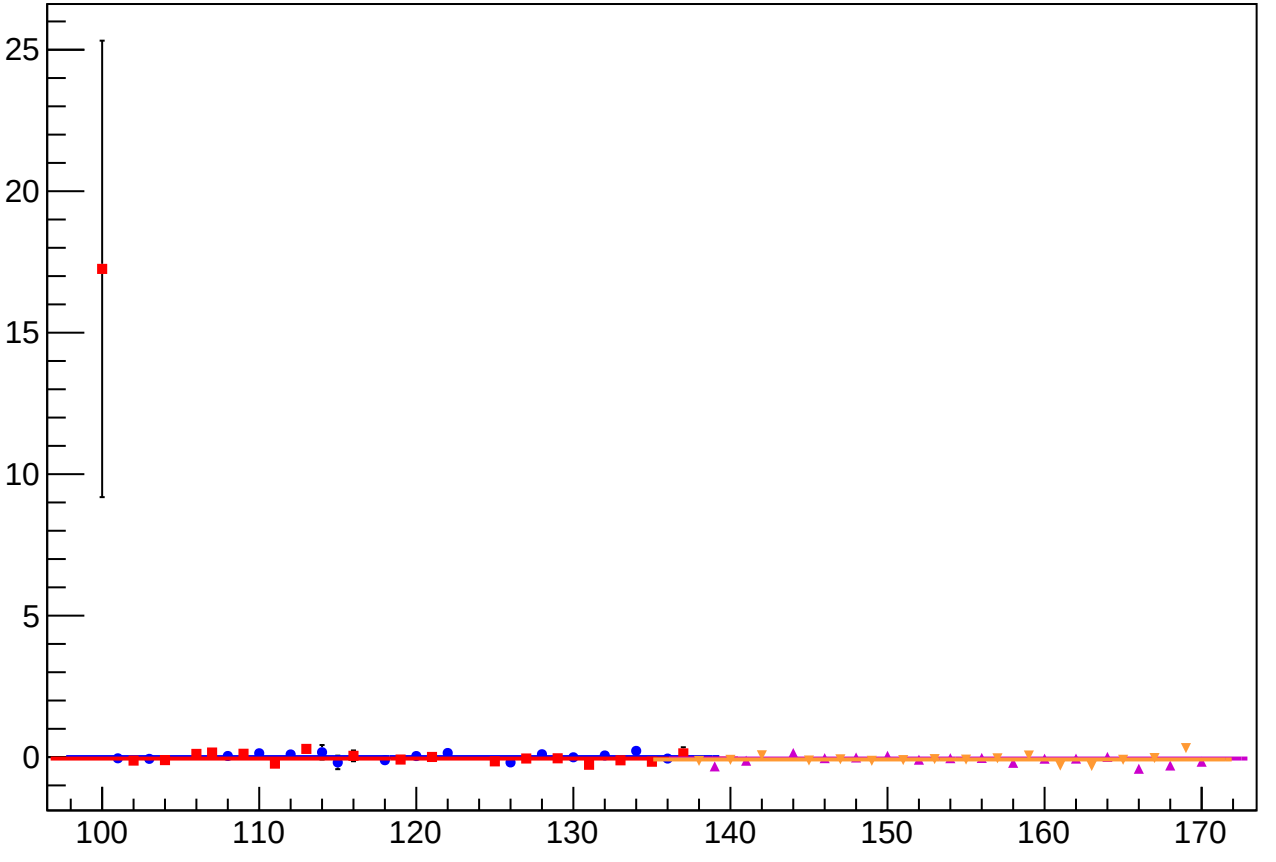
Left In: -0.045+/-0.030 χ^2/NDF:20.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.071+/-0.022 χ^2/NDF: 48.0/31

- 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: -0.083+/-0.021 χ^2/NDF:19.7/15

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

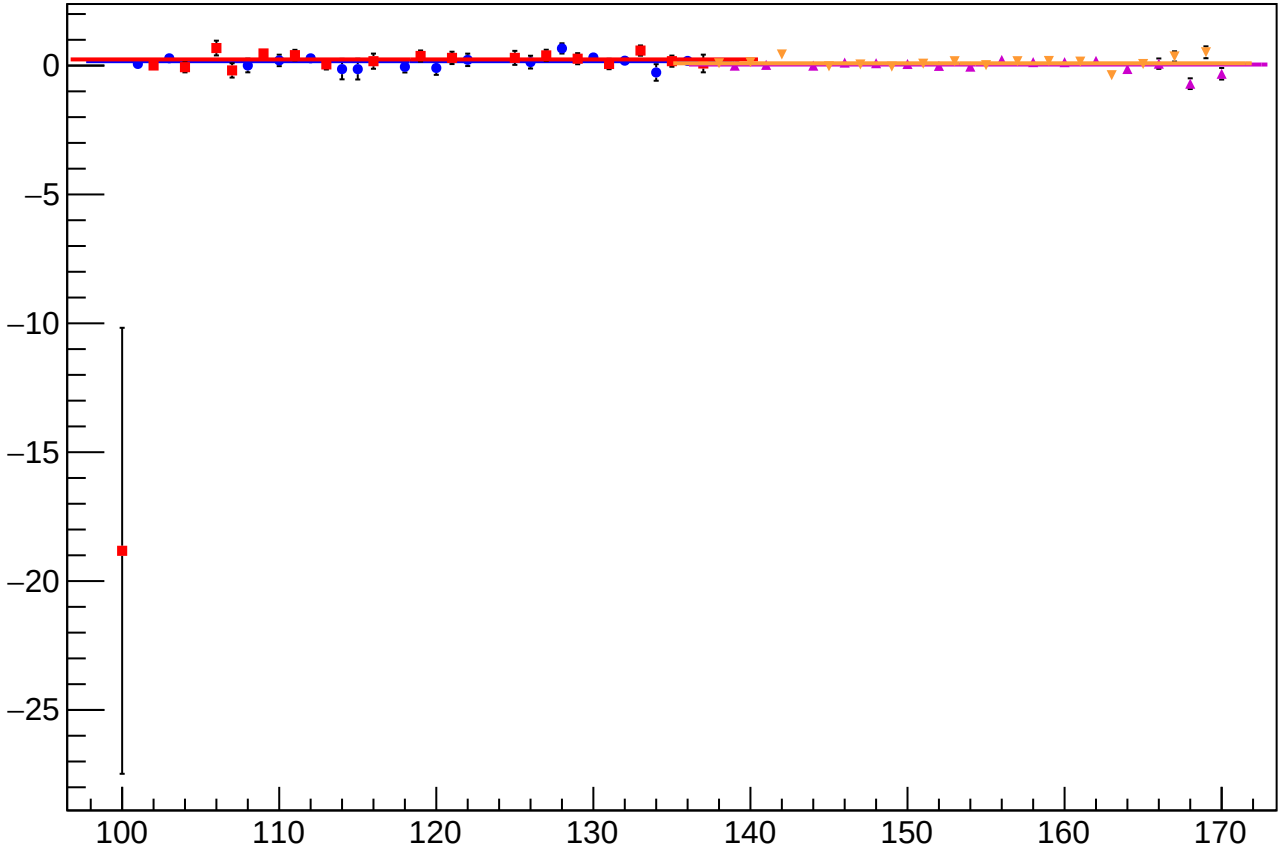
Left In: -0.050+/-0.021 χ^2/NDF:23.4/15

+ sign -0.052+/-0.017 χ^2/NDF: 38.0/31

All: -0.051+/-0.012 χ^2/NDF: 87.1/65

- sign -0.051+/-0.017 χ^2/NDF: 49.2/33

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.088+/-0.030 χ^2/NDF:24.7/15

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

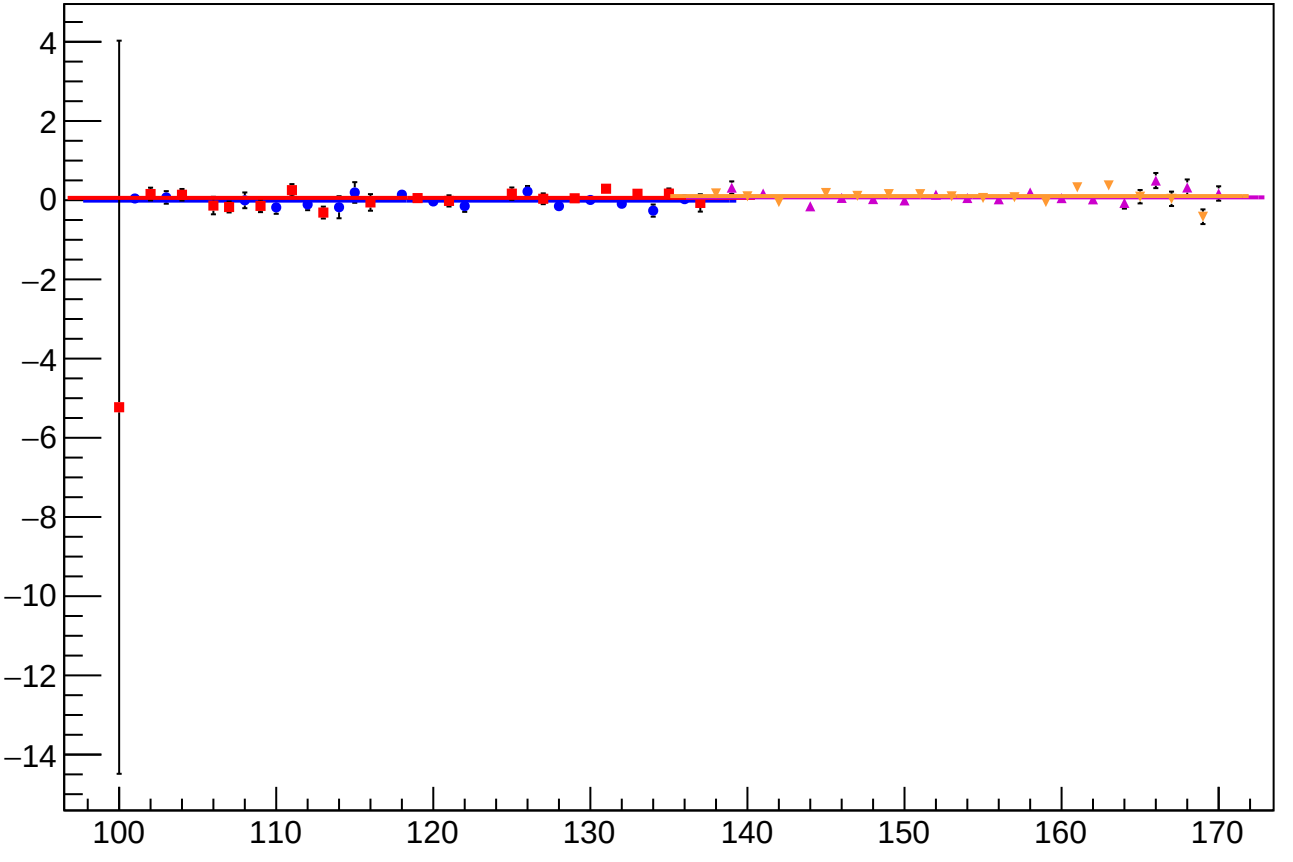
Left In: 0.040+/-0.029 χ^2/NDF:23.6/15

+ sign 0.109+/-0.026 χ^2/NDF: 40.2/31

All: 0.097+/-0.018 χ^2/NDF: 96.5/65

- sign 0.086+/-0.026 χ^2/NDF: 55.9/33

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.104+/-0.025 χ^2/NDF:22.7/15

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

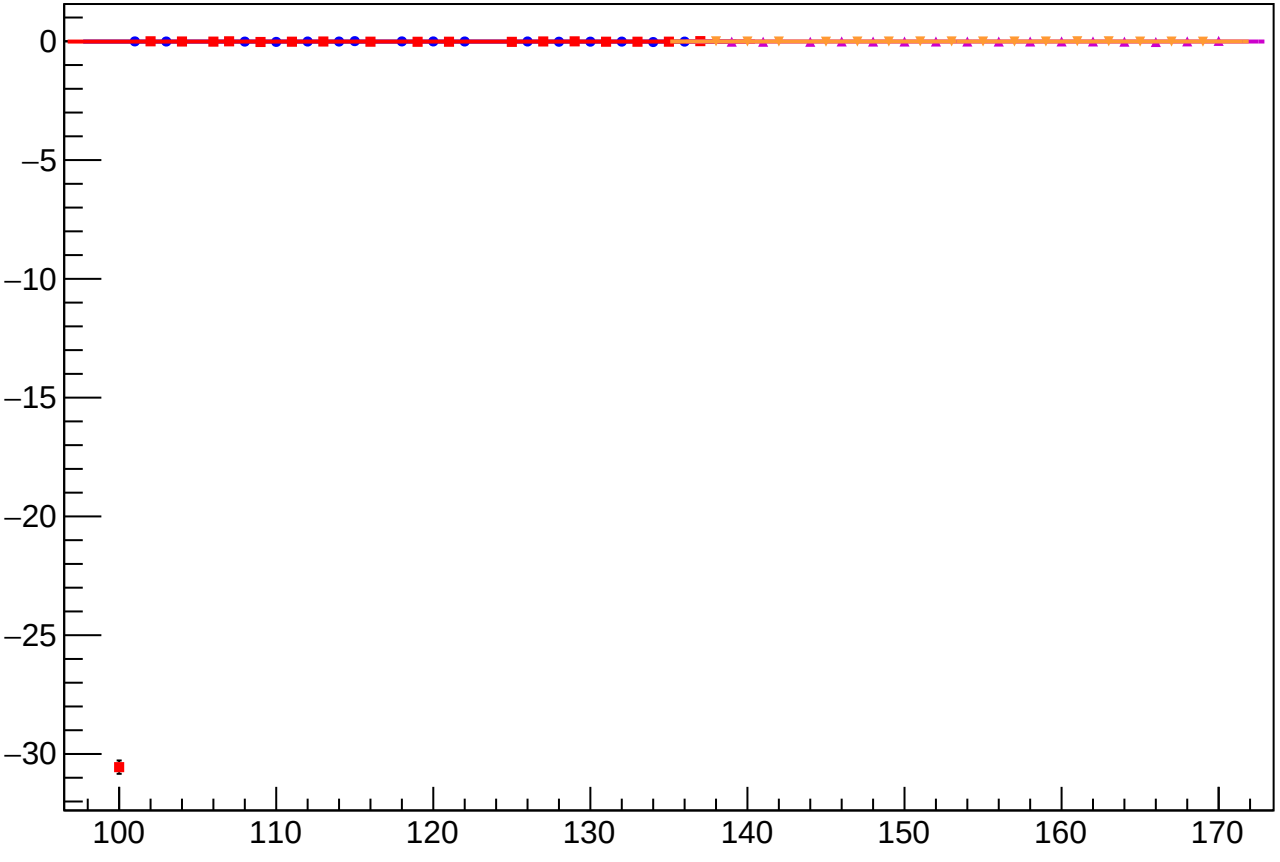
Left In: 0.071+/-0.025 χ^2/NDF:22.0/15

+ sign 0.061+/-0.020 χ^2/NDF: 44.3/31

All: 0.064+/-0.014 χ^2/NDF: 87.0/65

- sign 0.067+/-0.020 χ^2/NDF: 42.6/33

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:13.5/15

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

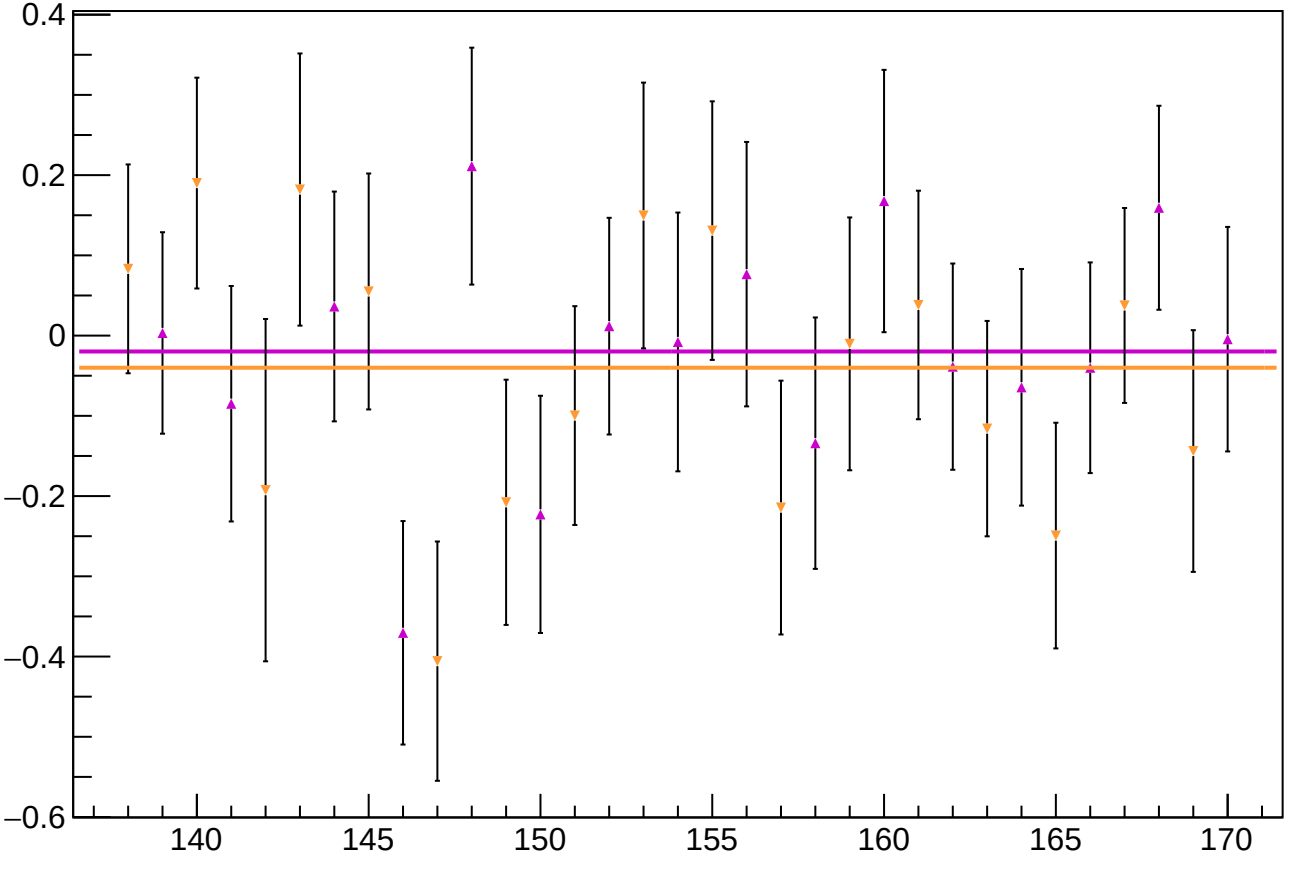
Left In: -0.010+/-0.001 χ^2/NDF:29.7/15

+ sign -0.009+/-0.001 χ^2/NDF: 28.9/31

All: -0.010+/-0.001 χ^2/NDF: 11951.8/65

- sign -0.011+/-0.001 χ^2/NDF: 11922.0/33

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.040+/-0.036 χ^2/NDF:21.4/16

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

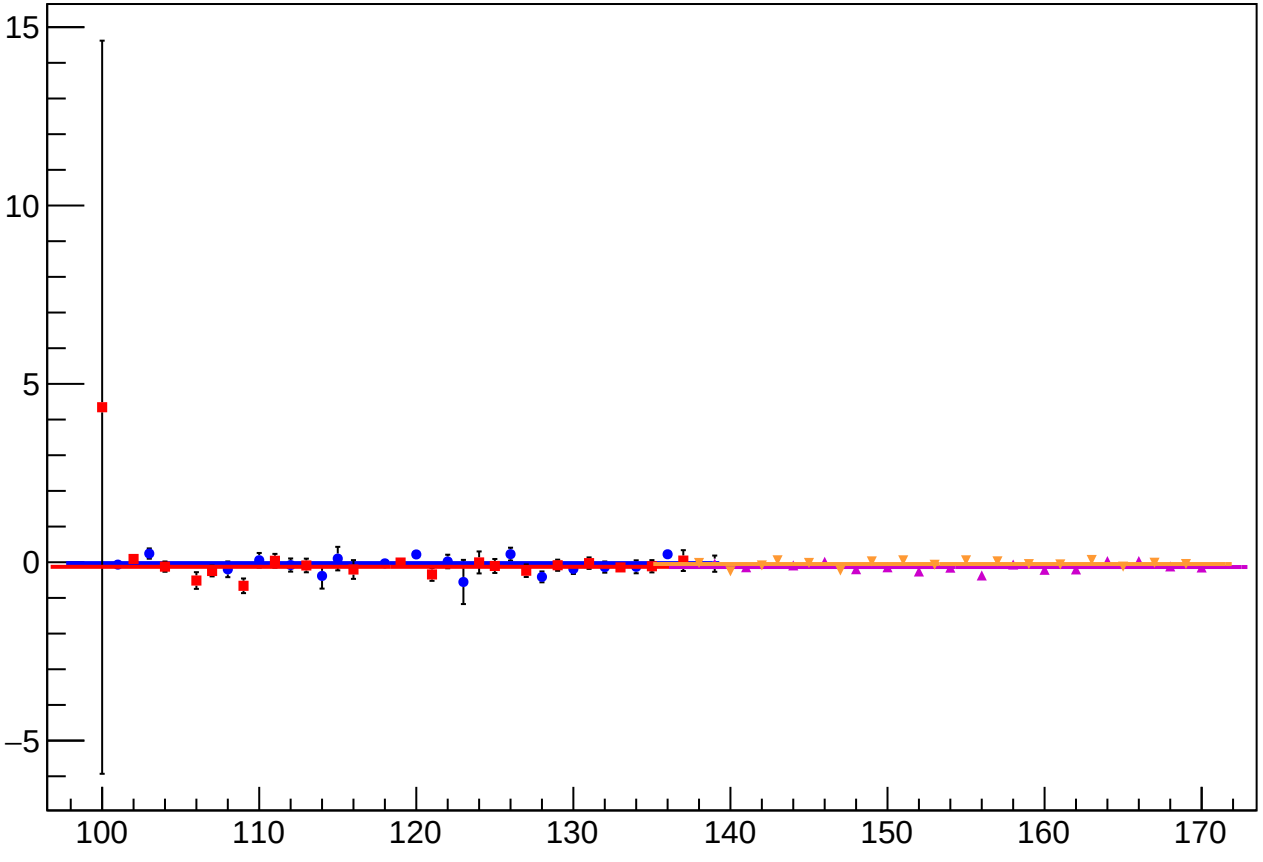
Left In: -0.020+/-0.036 χ^2/NDF:15.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.030+/-0.025 χ^2/NDF: 37.0/32

- 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: -0.050+/-0.025 χ^2/NDF:16.5/16

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

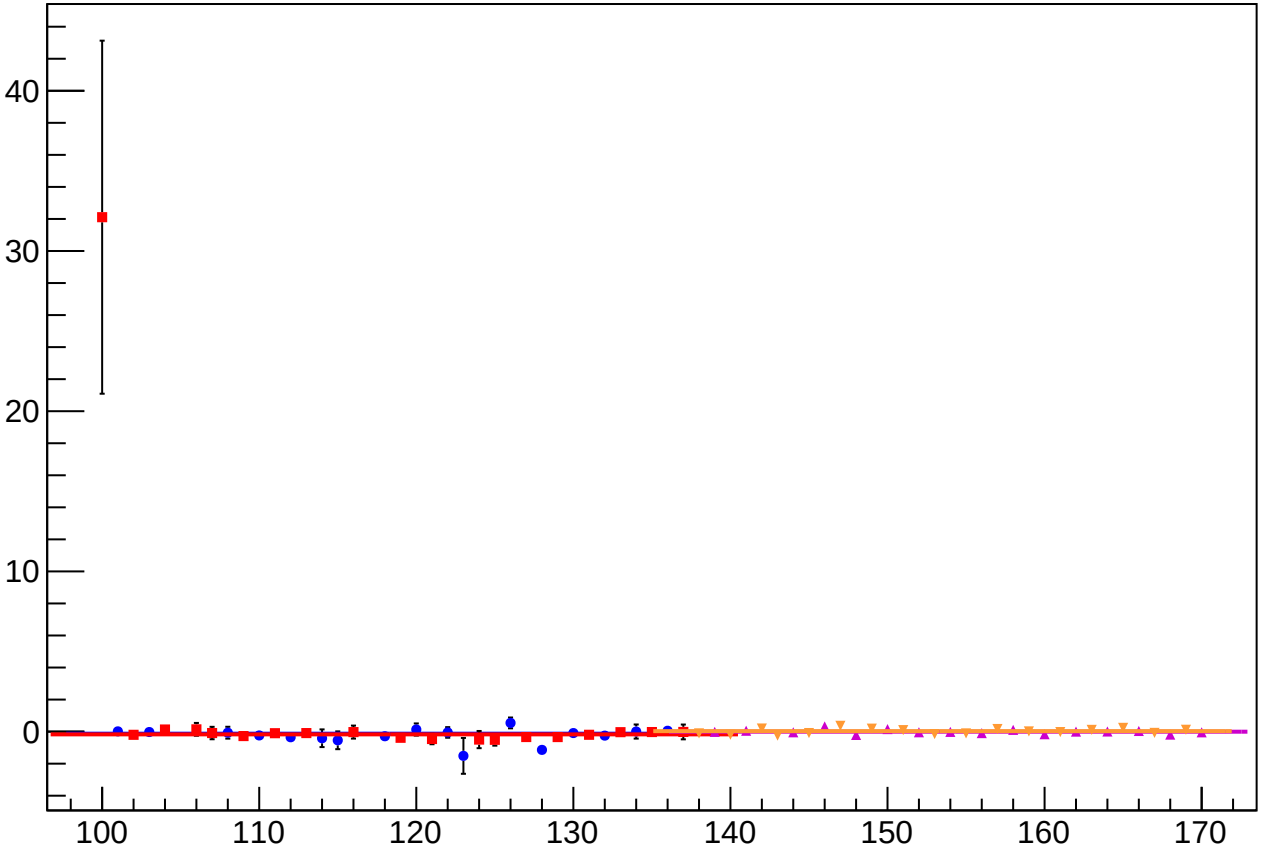
Left In: -0.134+/-0.026 χ^2/NDF:15.3/15

+ sign -0.042+/-0.021 χ^2/NDF: 40.2/33

All: -0.085+/-0.015 χ^2/NDF: 82.1/68

- sign -0.132+/-0.022 χ^2/NDF: 32.9/34

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.030+/-0.035 χ^2/NDF:21.1/16

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

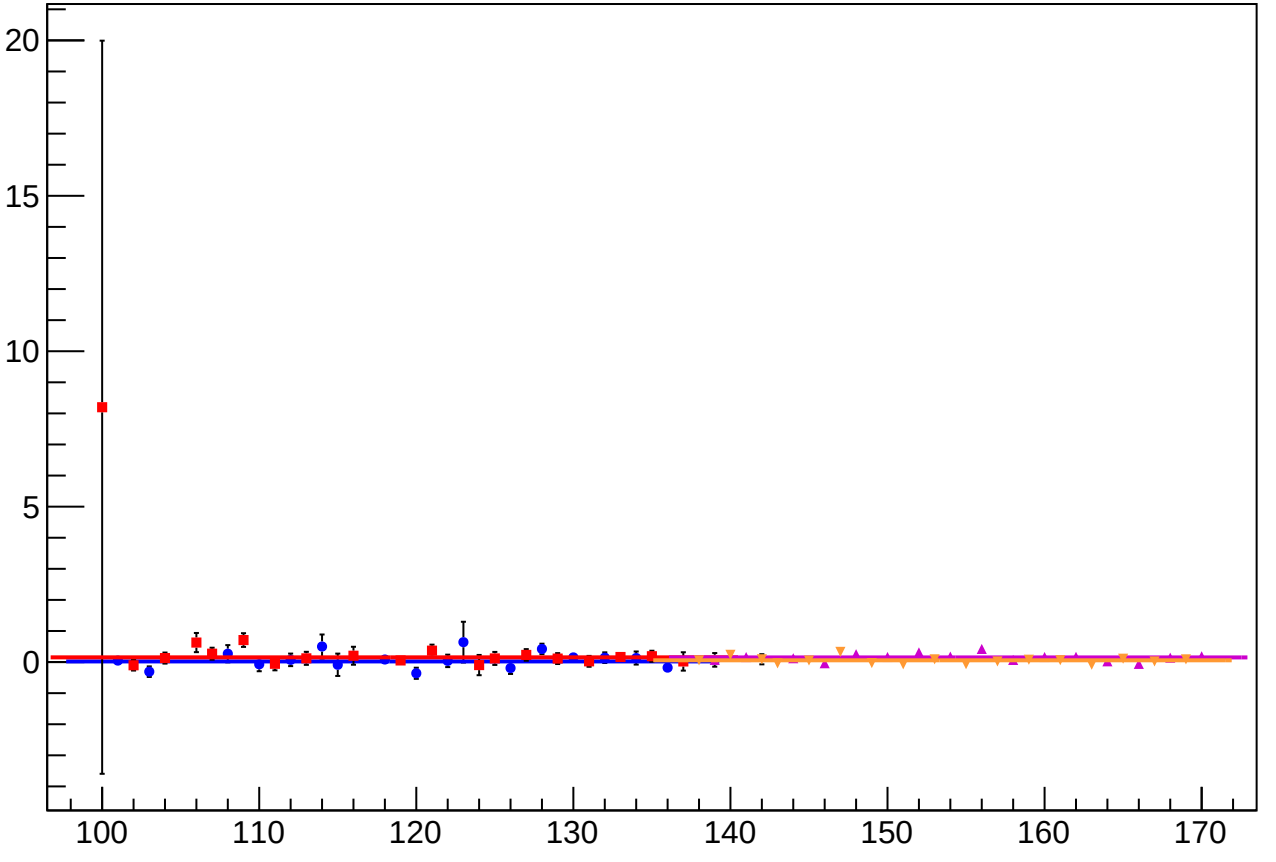
Left In: -0.005+/-0.035 χ^2/NDF:14.1/15

+ sign -0.005+/-0.031 χ^2/NDF: 49.3/33

All: -0.021+/-0.022 χ^2/NDF: 83.4/68

- sign -0.038+/-0.031 χ^2/NDF: 33.6/34

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.057+/-0.030 χ^2/NDF:15.5/16

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

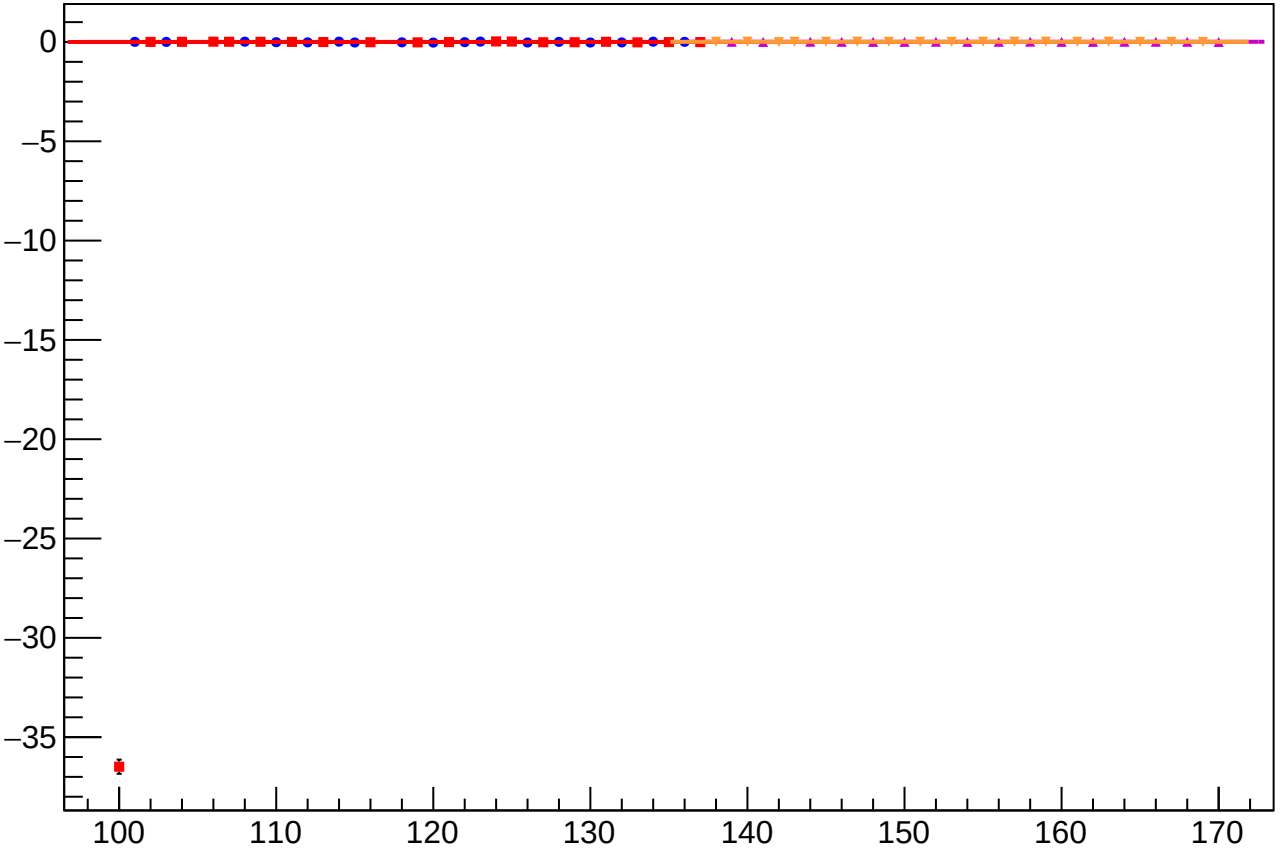
Left In: 0.150+/-0.030 χ^2/NDF:15.0/15

+ sign 0.045+/-0.024 χ^2/NDF: 38.5/33

All: 0.096+/-0.017 χ^2/NDF: 78.8/68

- sign 0.150+/-0.025 χ^2/NDF: 31.2/34

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:11.4/16

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

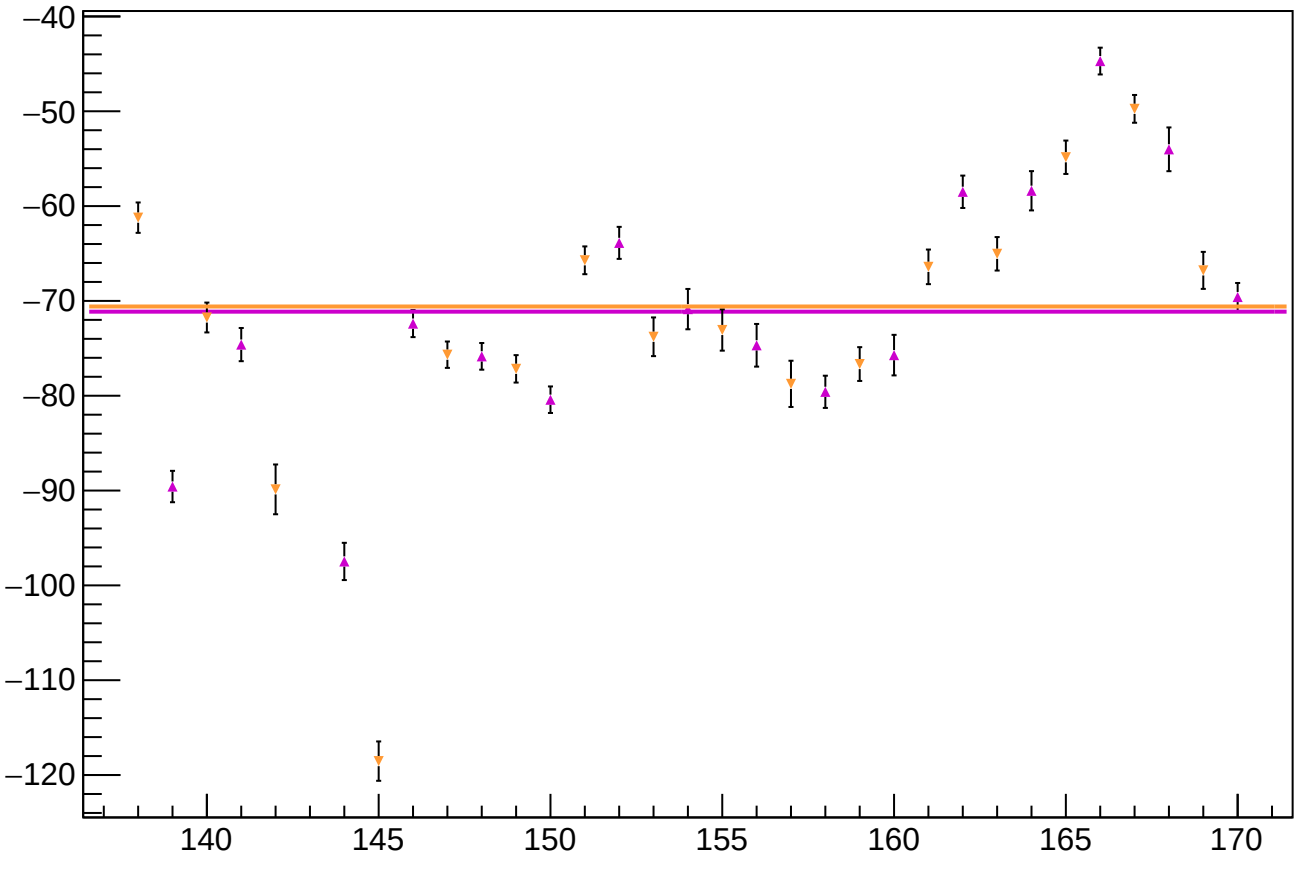
Left In: 0.011+/-0.001 χ^2/NDF:9.8/15

+ sign 0.007+/-0.001 χ^2/NDF: 52.9/33

All: 0.007+/-0.001 χ^2/NDF: 10525.5/68

- sign 0.008+/-0.001 χ^2/NDF: 10472.1/34

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -70.589+/-0.437 χ^2/NDF:995.1/15

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

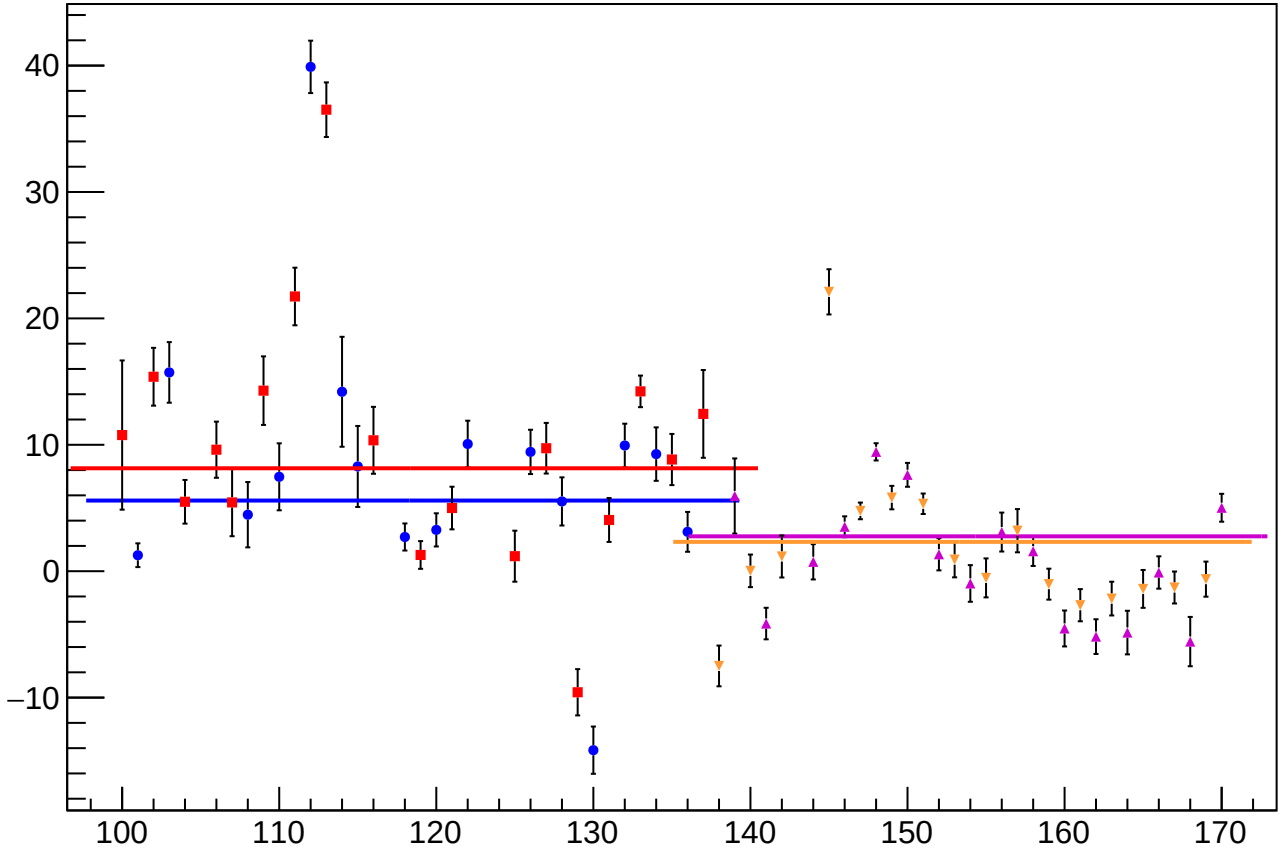
Left In: -71.134+/-0.426 χ^2/NDF:913.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -70.869+/-0.305 χ^2/NDF: 1909.3/31

- 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: 2.321+/-0.297 χ^2/NDF:262.8/15

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

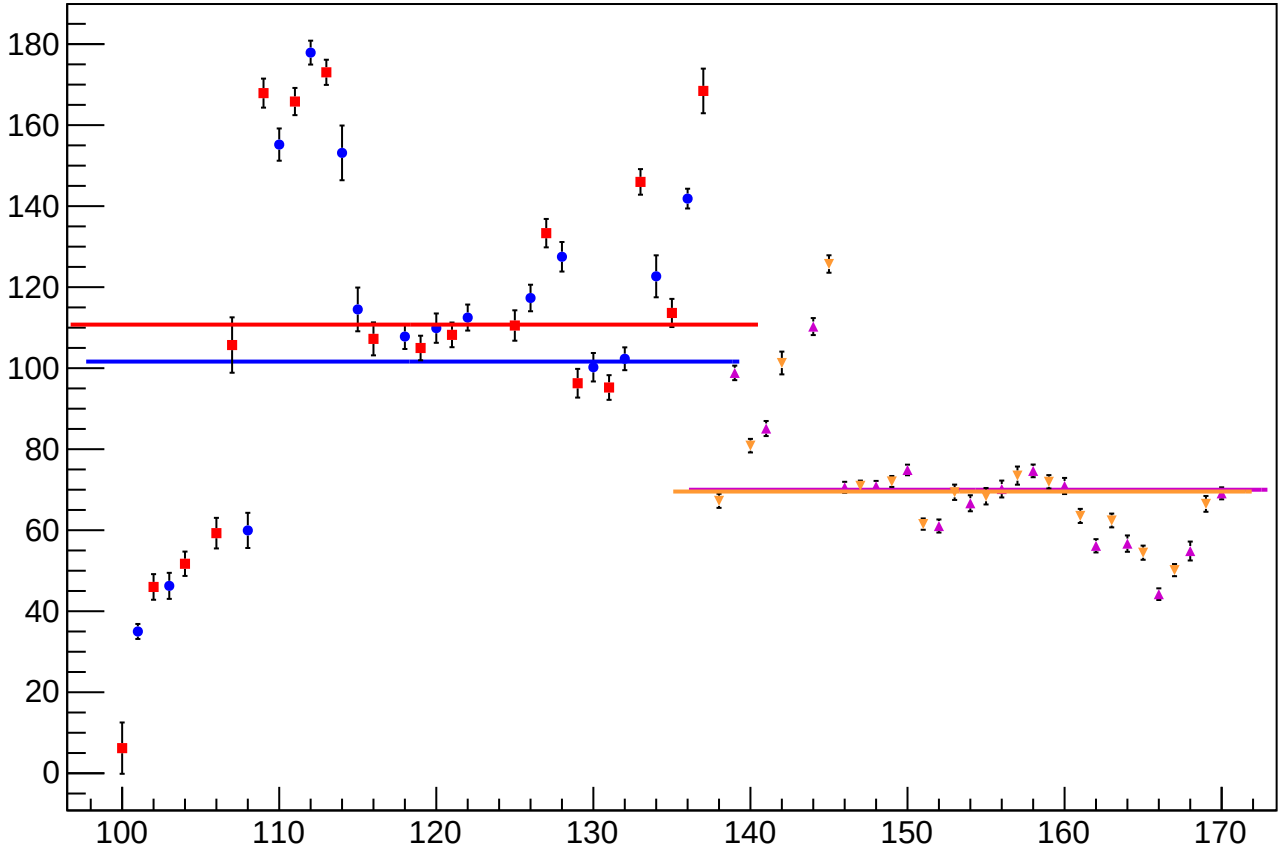
Left In: 2.759+/-0.297 χ^2/NDF:272.7/15

+ sign 3.397+/-0.243 χ^2/NDF: 765.5/31

All: 3.876+/-0.174 χ^2/NDF: 1552.4/65

- sign 4.377+/-0.249 χ^2/NDF: 778.9/33

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 69.548+/-0.427 χ^2/NDF:1171.4/15

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

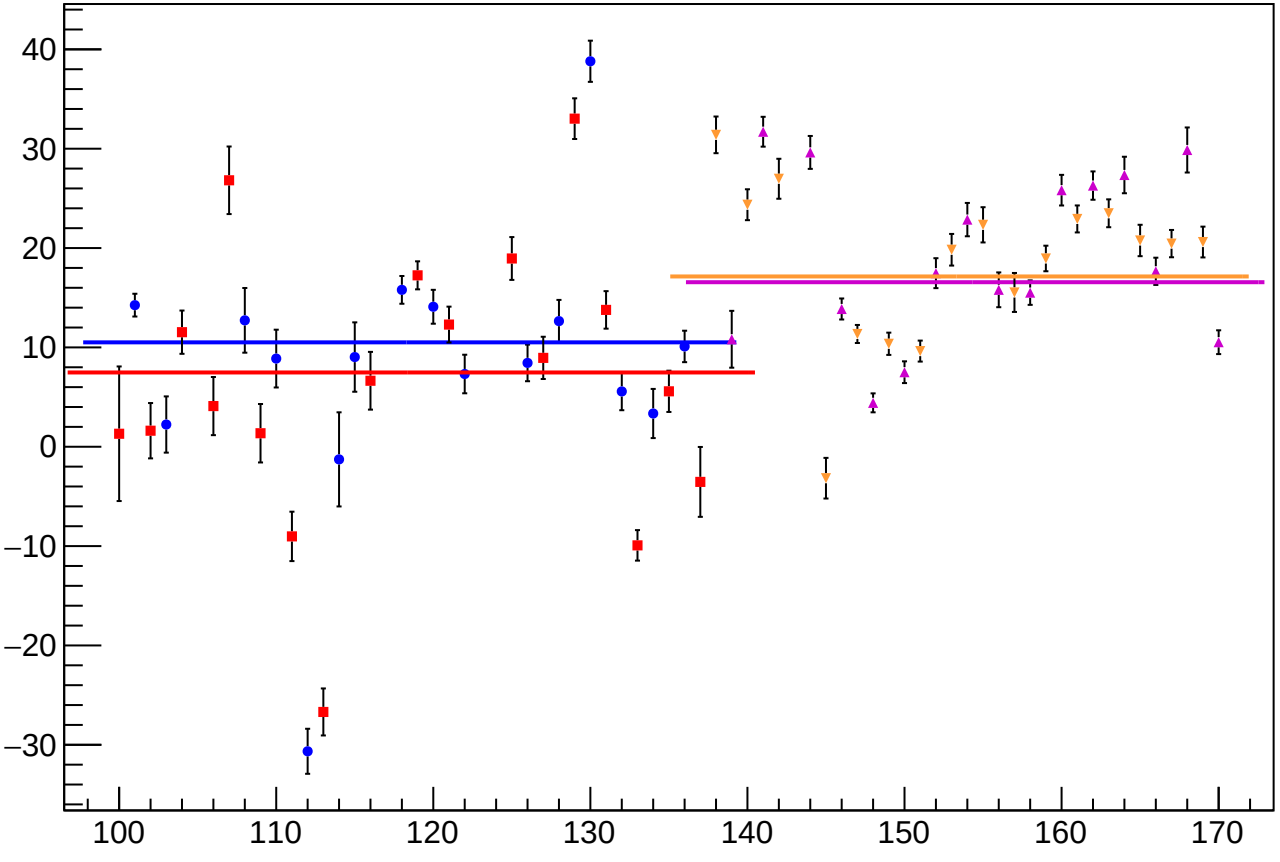
Left In: 69.994+/-0.416 χ^2/NDF:1227.6/15

+ sign 76.575+/-0.378 χ^2/NDF: 5384.8/31

All: 77.331+/-0.265 χ^2/NDF: 11039.0/65

- sign 78.066+/-0.372 χ^2/NDF: 5646.3/33

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 17.141+/-0.352 χ^2/NDF:400.2/15

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

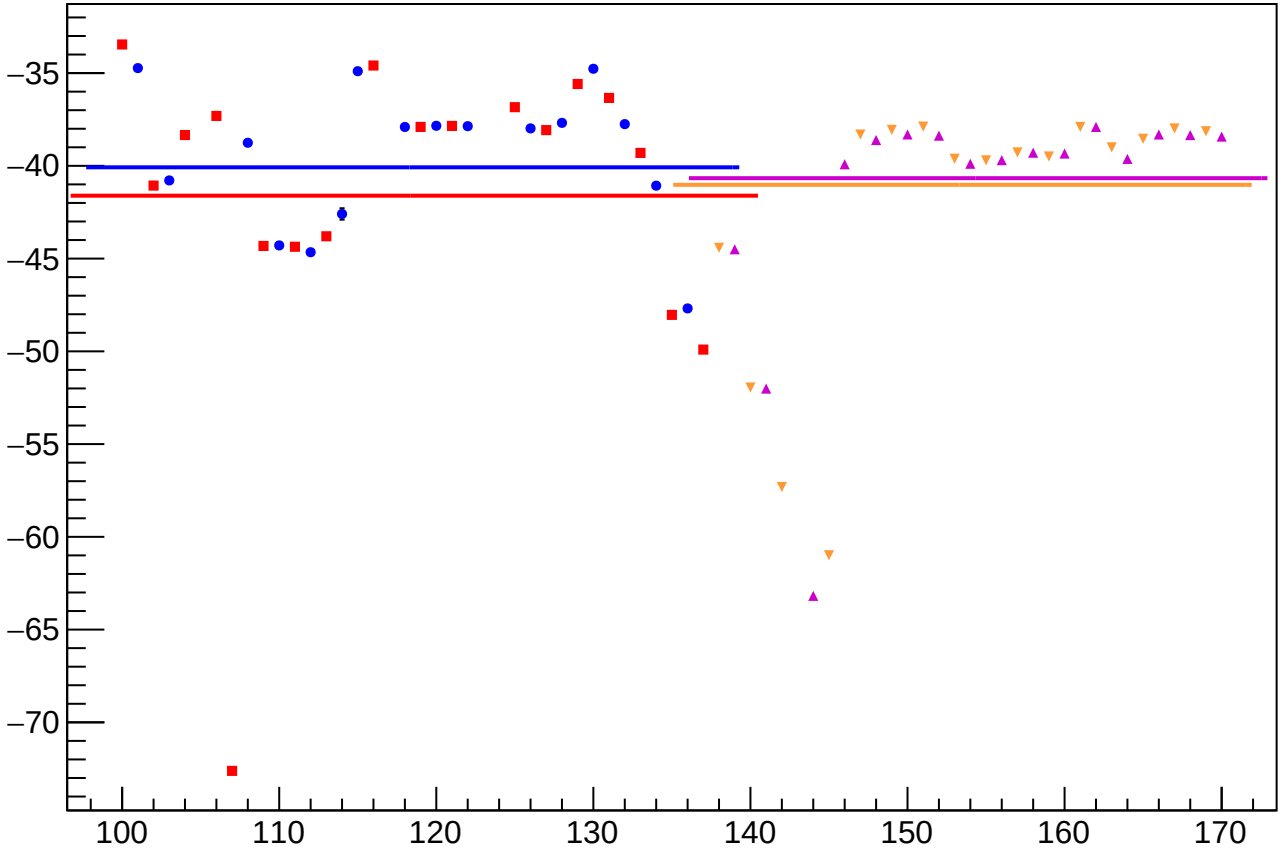
Left In: 16.562+/-0.350 χ^2/NDF:597.9/15

+ sign 14.895+/-0.286 χ^2/NDF: 1101.9/31

All: 14.337+/-0.204 χ^2/NDF: 2604.8/65

- sign 13.761+/-0.291 χ^2/NDF: 1495.1/33

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -41.023+/-0.017 χ^2/NDF:117837.9/15

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

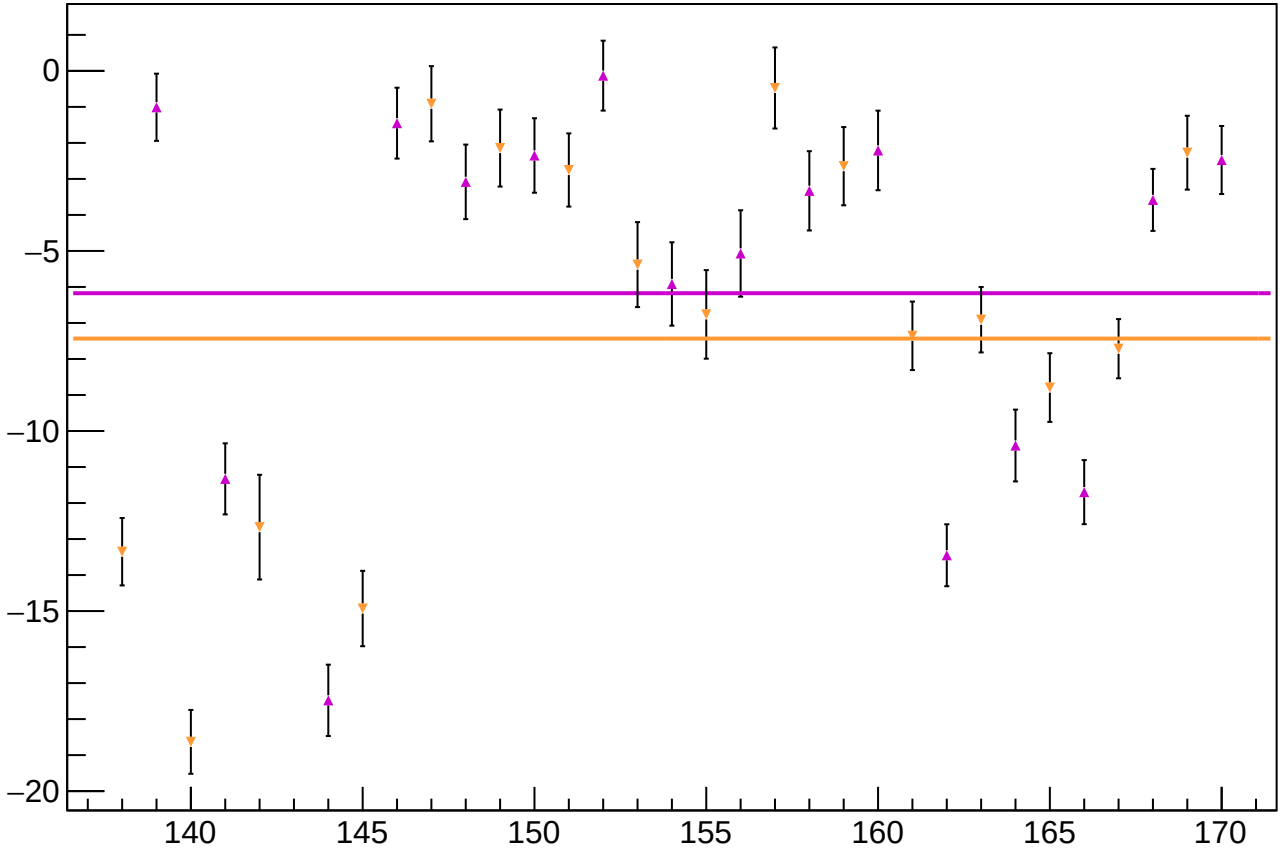
Left In: -40.665+/-0.016 χ^2/NDF:97632.7/15

+ sign -40.770+/-0.015 χ^2/NDF: 143780.5/31

All: -40.837+/-0.010 χ^2/NDF: 304058.4/65

- sign -40.901+/-0.014 χ^2/NDF: 160236.7/33

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -7.433+/-0.255 χ^2/NDF:437.3/15

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

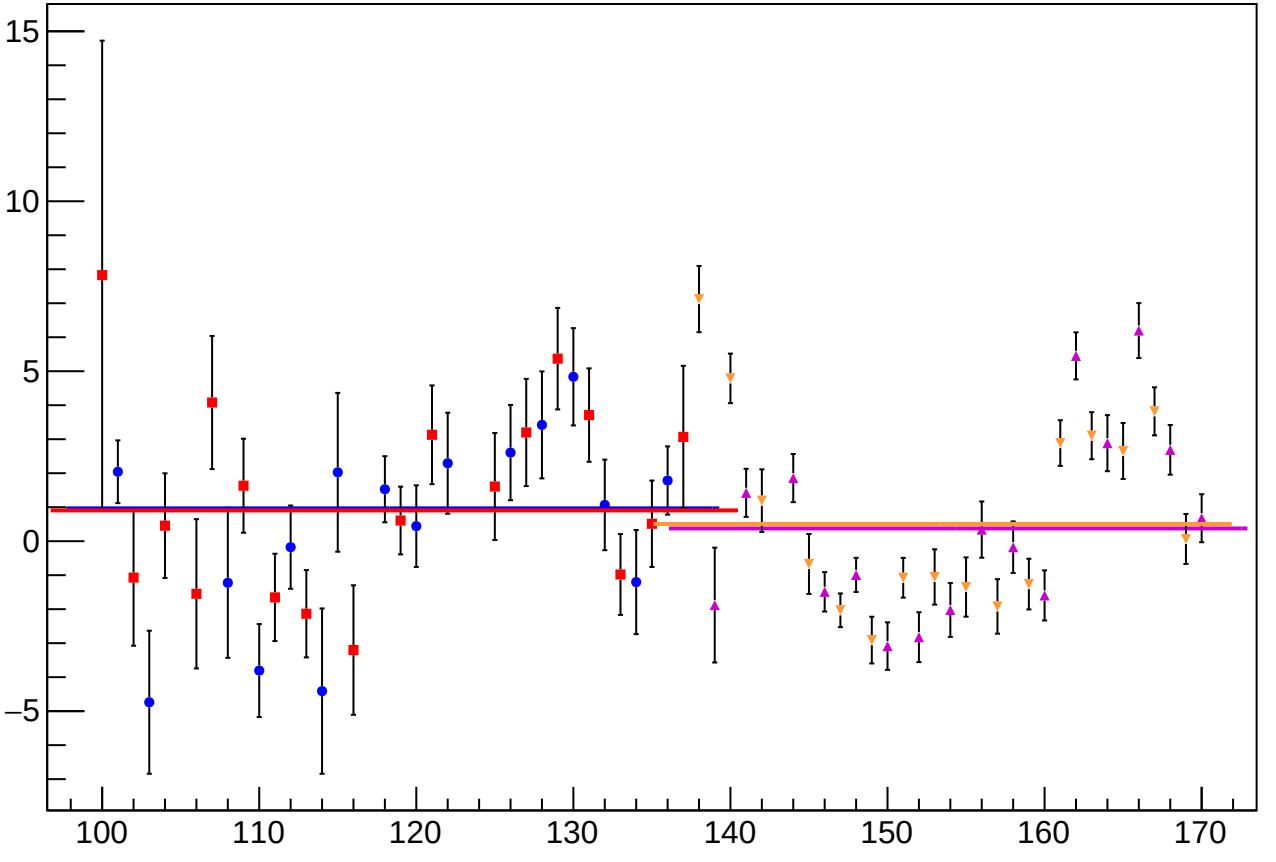
Left In: -6.174+/-0.247 χ^2/NDF:445.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.785+/-0.177 χ^2/NDF: 895.2/31

- 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: 0.508+/-0.182 χ^2/NDF:220.0/15

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

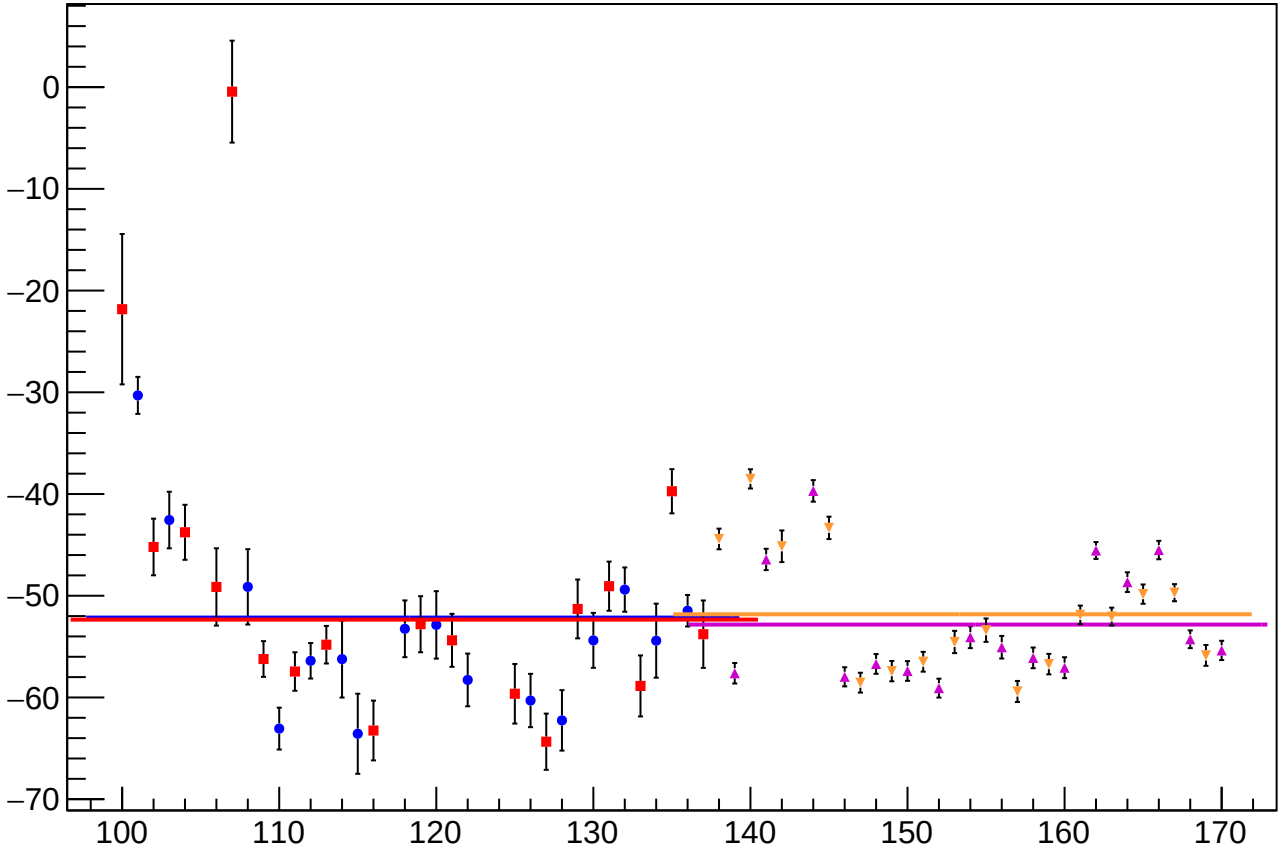
Left In: 0.374+/-0.180 χ^2/NDF:211.8/15

+ sign 0.610+/-0.160 χ^2/NDF: 264.4/31

All: 0.547+/-0.113 χ^2/NDF: 520.2/65

- sign 0.484+/-0.161 χ^2/NDF: 255.6/33

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -51.825+/-0.250 χ^2/NDF:543.6/15

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

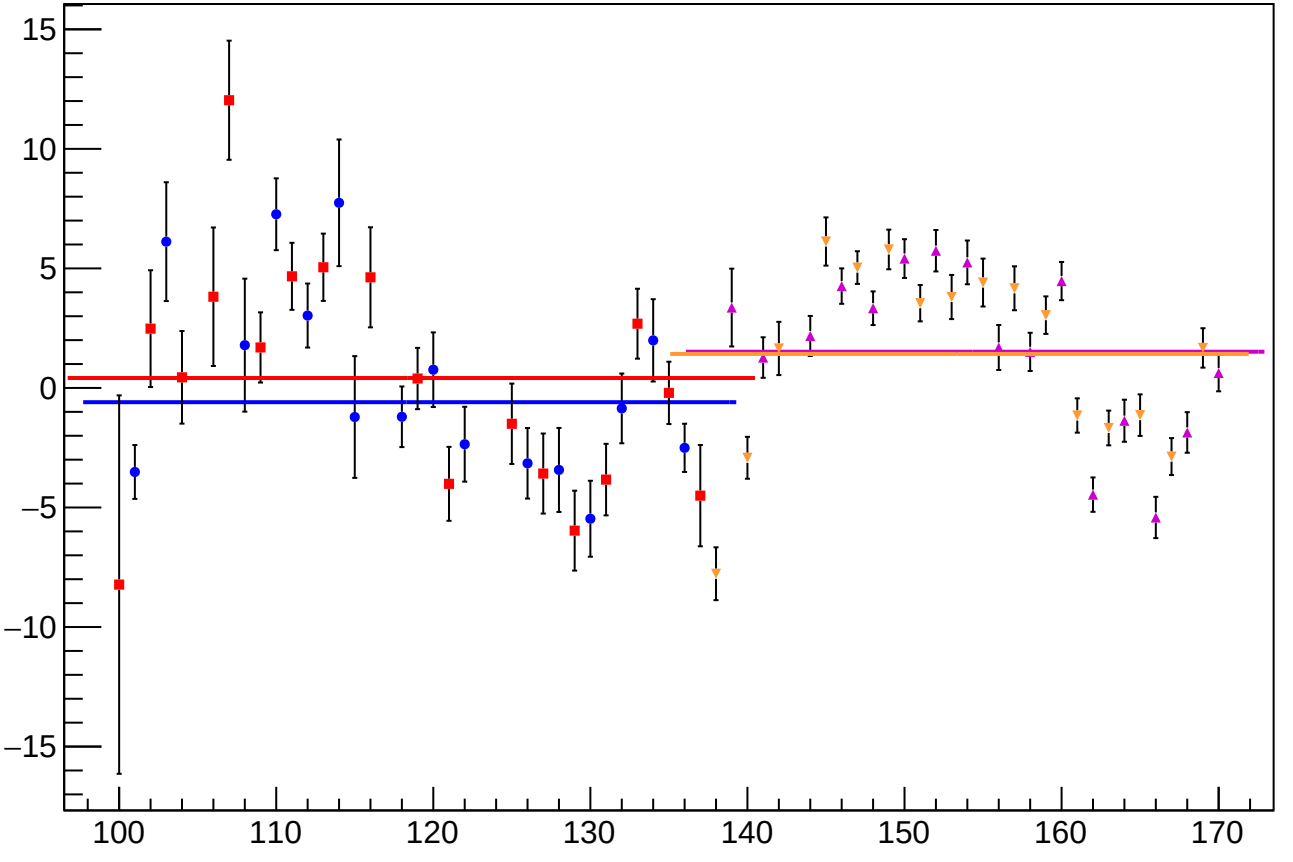
Left In: -52.835+/-0.243 χ^2/NDF:530.3/15

+ sign -51.871+/-0.232 χ^2/NDF: 774.0/31

All: -52.332+/-0.162 χ^2/NDF: 1548.3/65

- sign -52.769+/-0.226 χ^2/NDF: 766.5/33

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: 1.423+/-0.211 χ^2/NDF:278.6/15

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

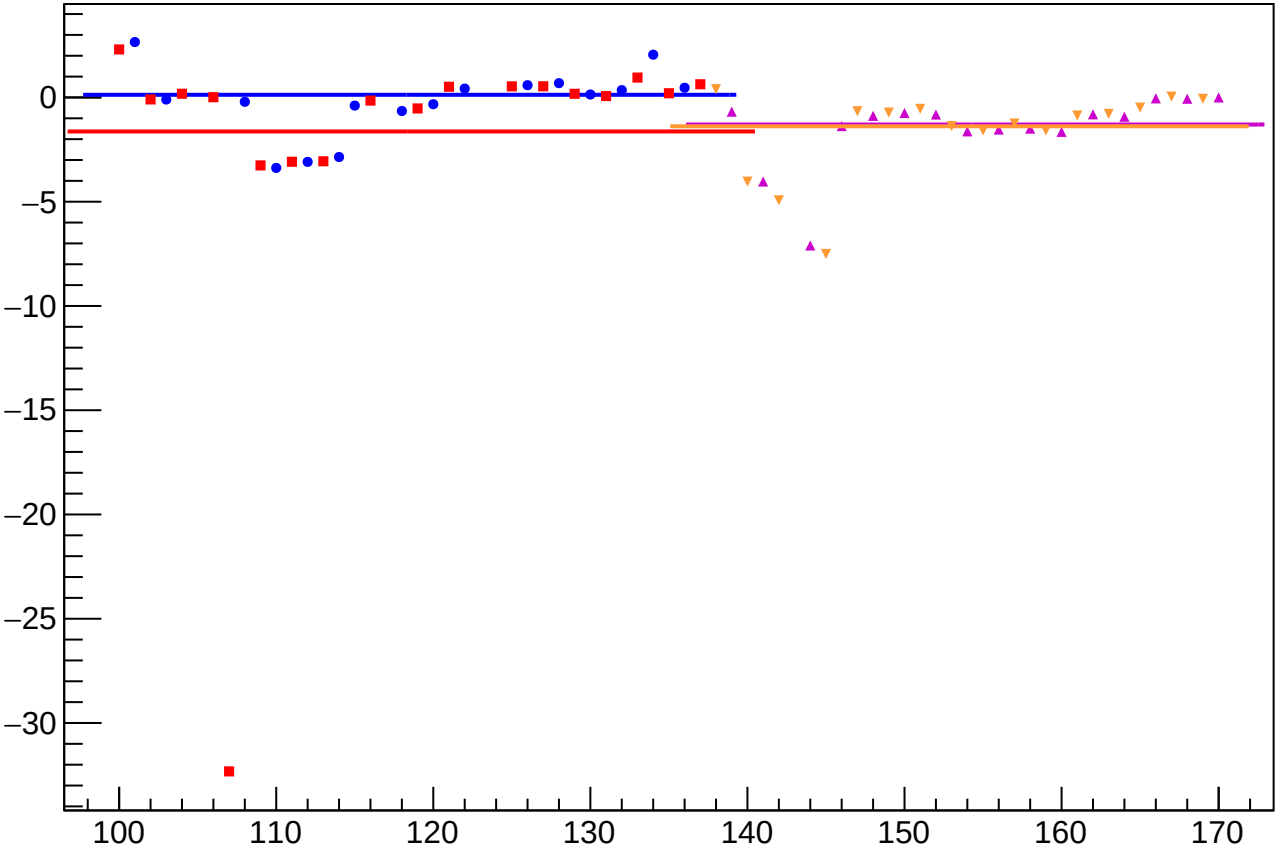
Left In: 1.516+/-0.208 χ^2/NDF:261.3/15

+ sign 0.955+/-0.185 χ^2/NDF: 382.4/31

All: 1.118+/-0.131 χ^2/NDF: 747.0/65

- sign 1.281+/-0.185 χ^2/NDF: 363.0/33

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -1.382+/-0.010 χ^2/NDF:34471.0/15

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

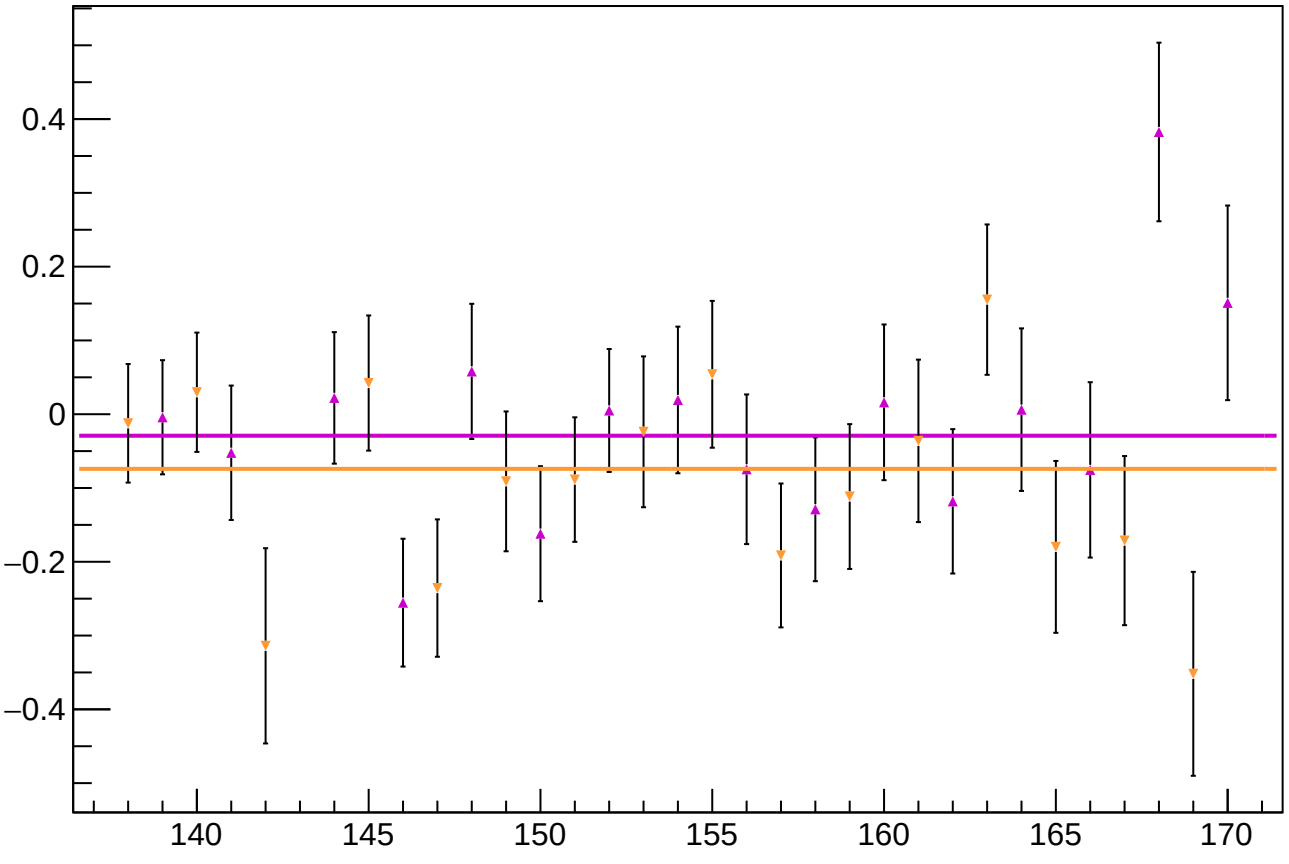
Left In: -1.298+/-0.010 χ^2/NDF:24955.7/15

+ sign -1.121+/-0.009 χ^2/NDF: 43806.5/31

All: -1.239+/-0.006 χ^2/NDF: 147176.6/65

- sign -1.351+/-0.009 χ^2/NDF: 103030.7/33

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.074+/-0.025 χ^2/NDF:24.5/15

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

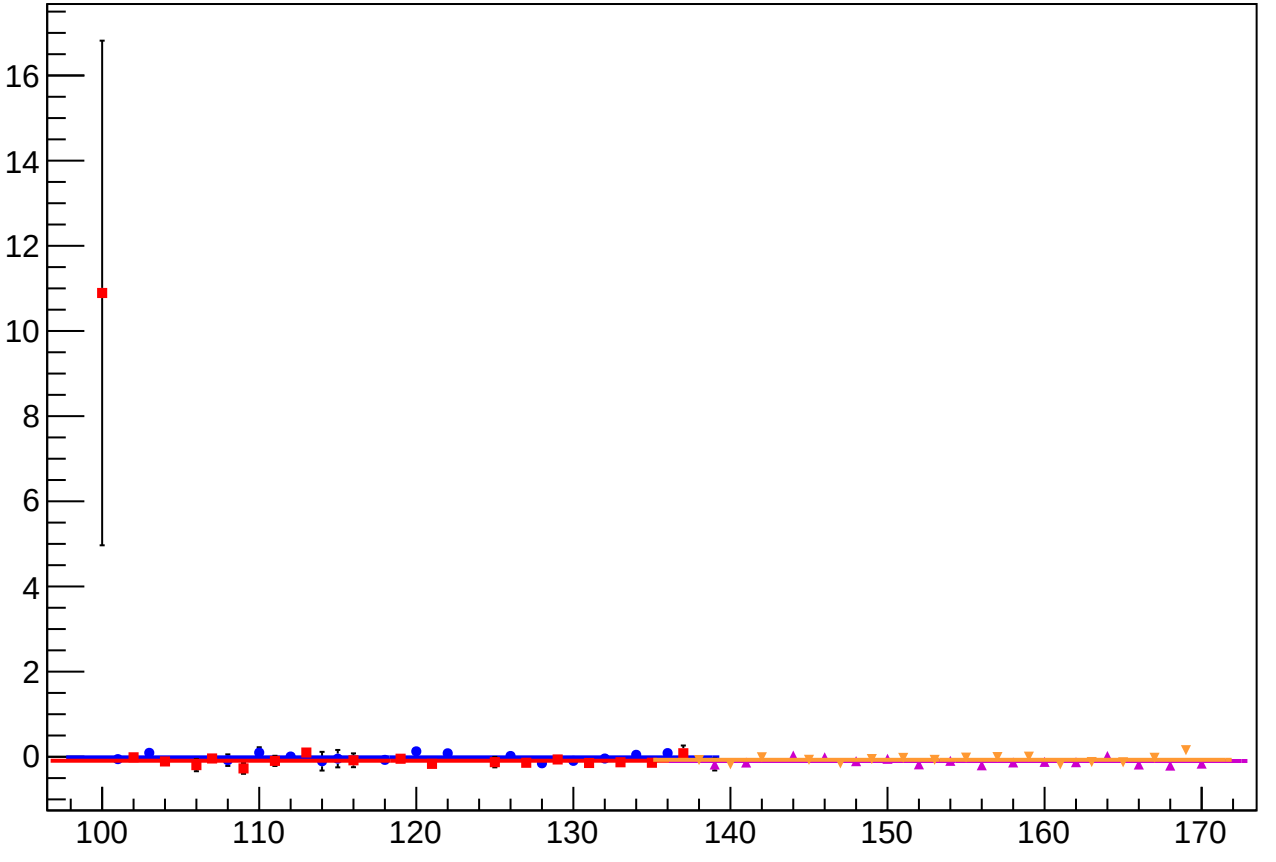
Left In: -0.029+/-0.024 χ^2/NDF:26.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.051+/-0.017 χ^2/NDF: 52.8/31

- 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: -0.071+/-0.017 χ^2/NDF:18.3/15

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

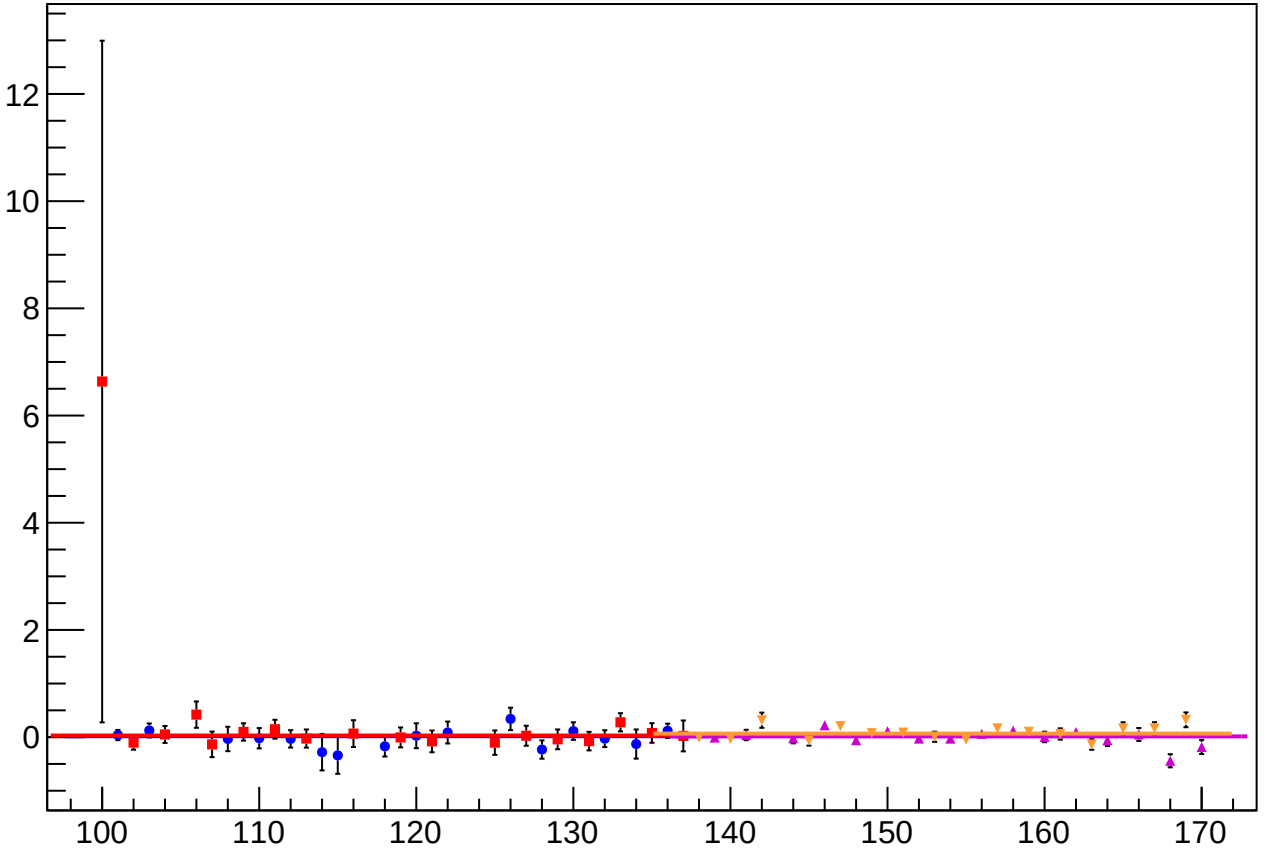
Left In: -0.099+/-0.017 χ^2/NDF:16.0/15

+ sign -0.050+/-0.014 χ^2/NDF: 34.5/31

All: -0.073+/-0.010 χ^2/NDF: 68.7/65

- sign -0.097+/-0.014 χ^2/NDF: 28.7/33

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.066+/-0.024 χ^2/NDF:21.8/15

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

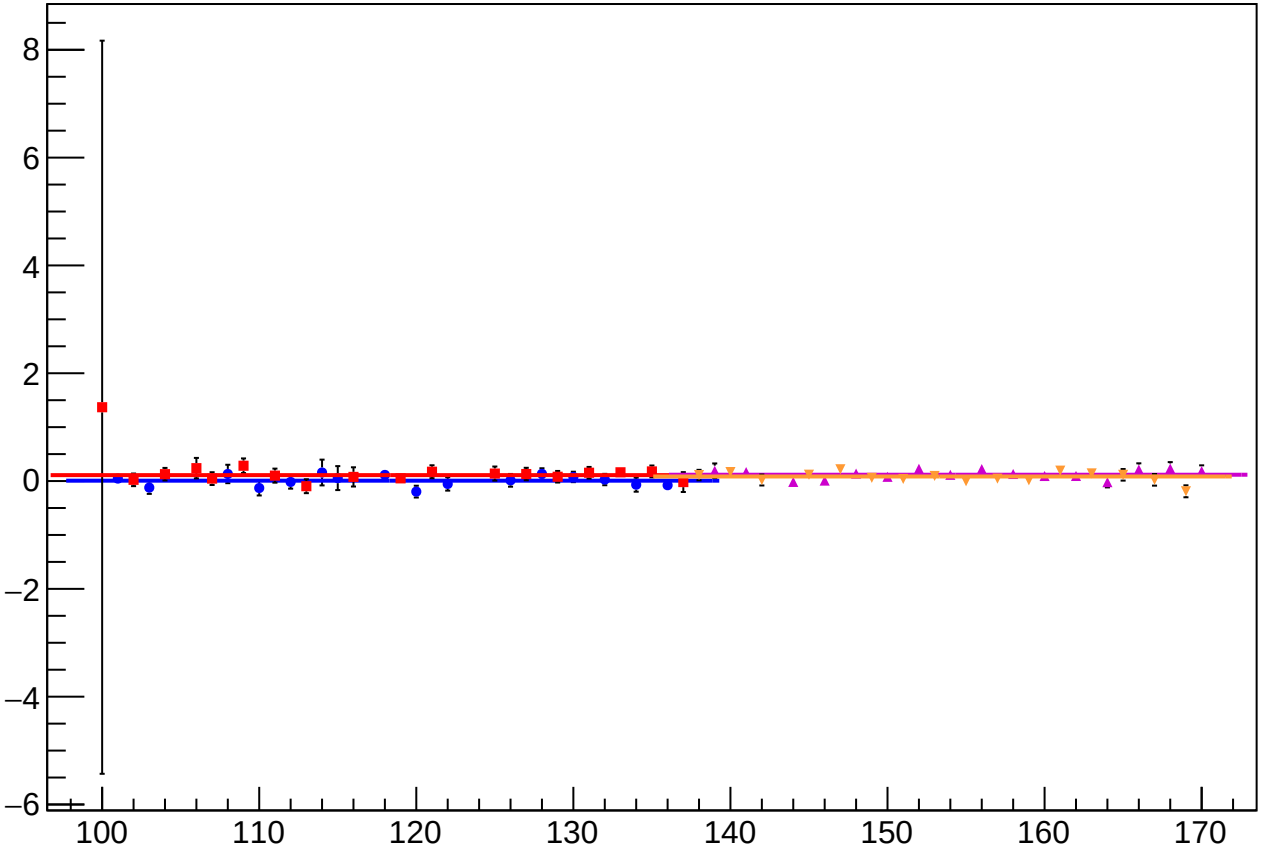
Left In: 0.014+/-0.024 χ^2/NDF:27.8/15

+ sign 0.054+/-0.021 χ^2/NDF: 32.4/31

All: 0.035+/-0.015 χ^2/NDF: 71.1/65

- sign 0.017+/-0.021 χ^2/NDF: 37.1/33

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007+/-0.027 χ^2/NDF: 12.1/15

Left Out: 0.085+/-0.020 χ^2/NDF:18.3/15

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

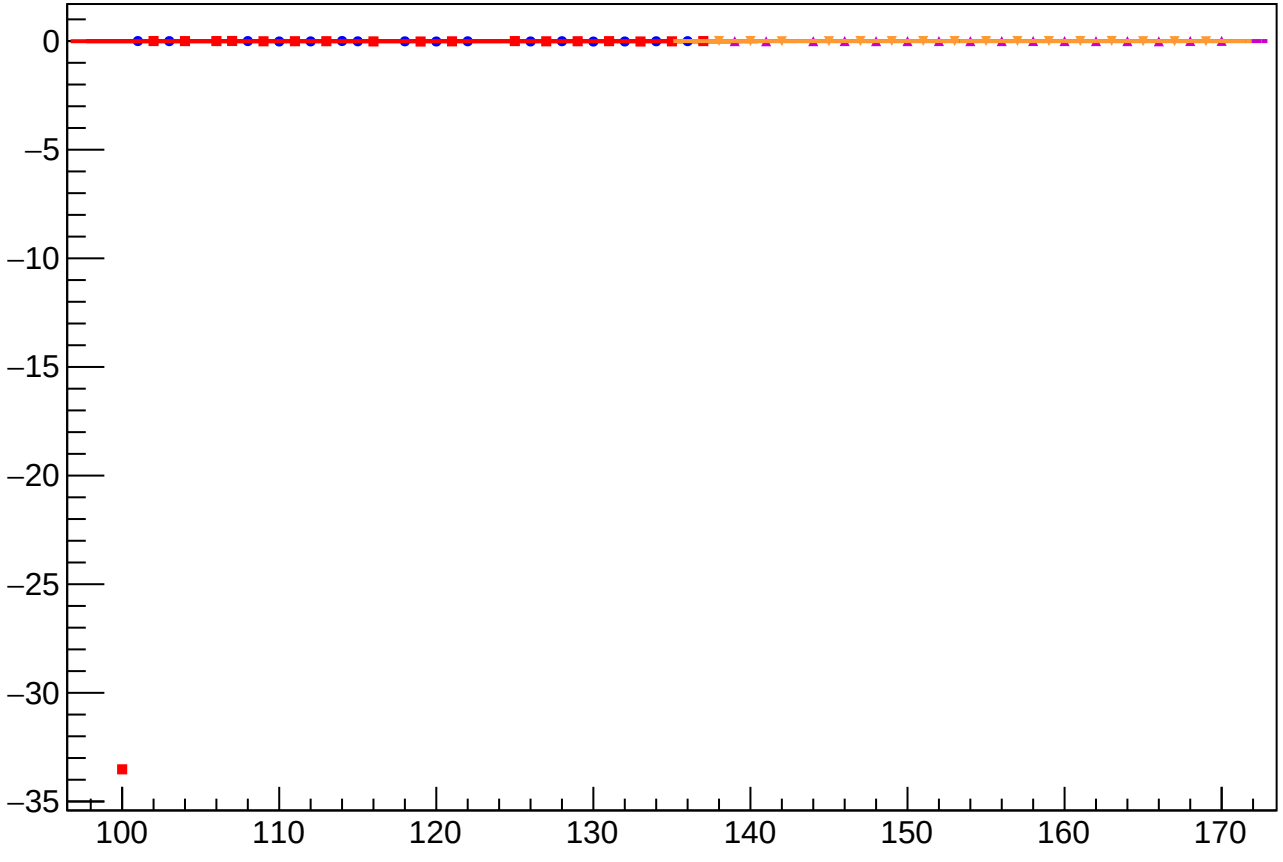
Left In: 0.117+/-0.020 χ^2/NDF:15.1/15

+ sign 0.056+/-0.016 χ^2/NDF: 35.7/31

All: 0.085+/-0.012 χ^2/NDF: 65.2/65

- sign 0.115+/-0.017 χ^2/NDF: 23.2/33

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:14.6/15

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

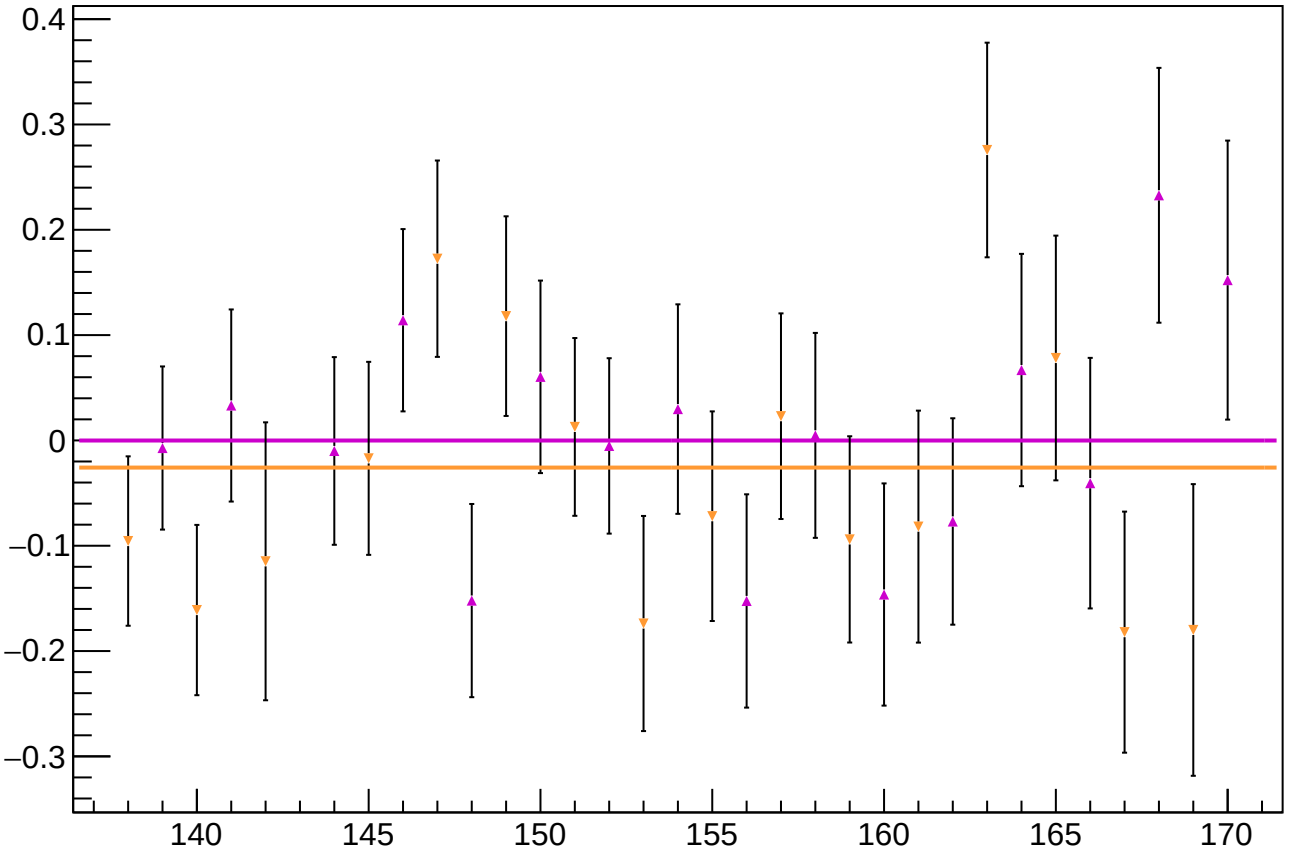
Left In: 0.000+/-0.001 χ^2/NDF:14.8/15

+ sign -0.001+/-0.001 χ^2/NDF: 49.8/31

All: -0.001+/-0.001 χ^2/NDF: 26587.0/65

- sign -0.001+/-0.001 χ^2/NDF: 26537.2/33

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.026+/-0.025 χ^2/NDF:27.0/15

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

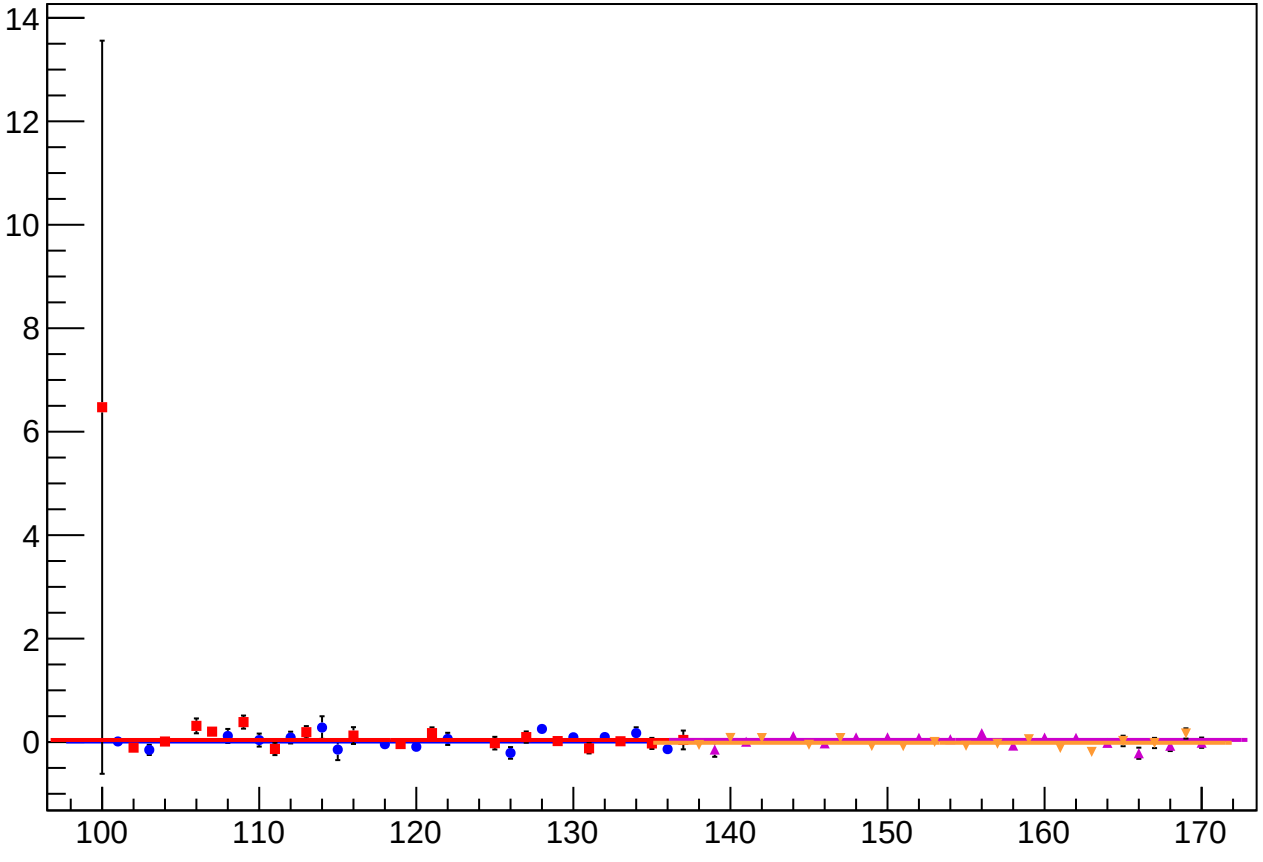
Left In: -0.000+/-0.024 χ^2/NDF:15.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.013+/-0.017 χ^2/NDF: 43.1/31

- 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: -0.014+/-0.017 χ^2/NDF:22.9/15

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

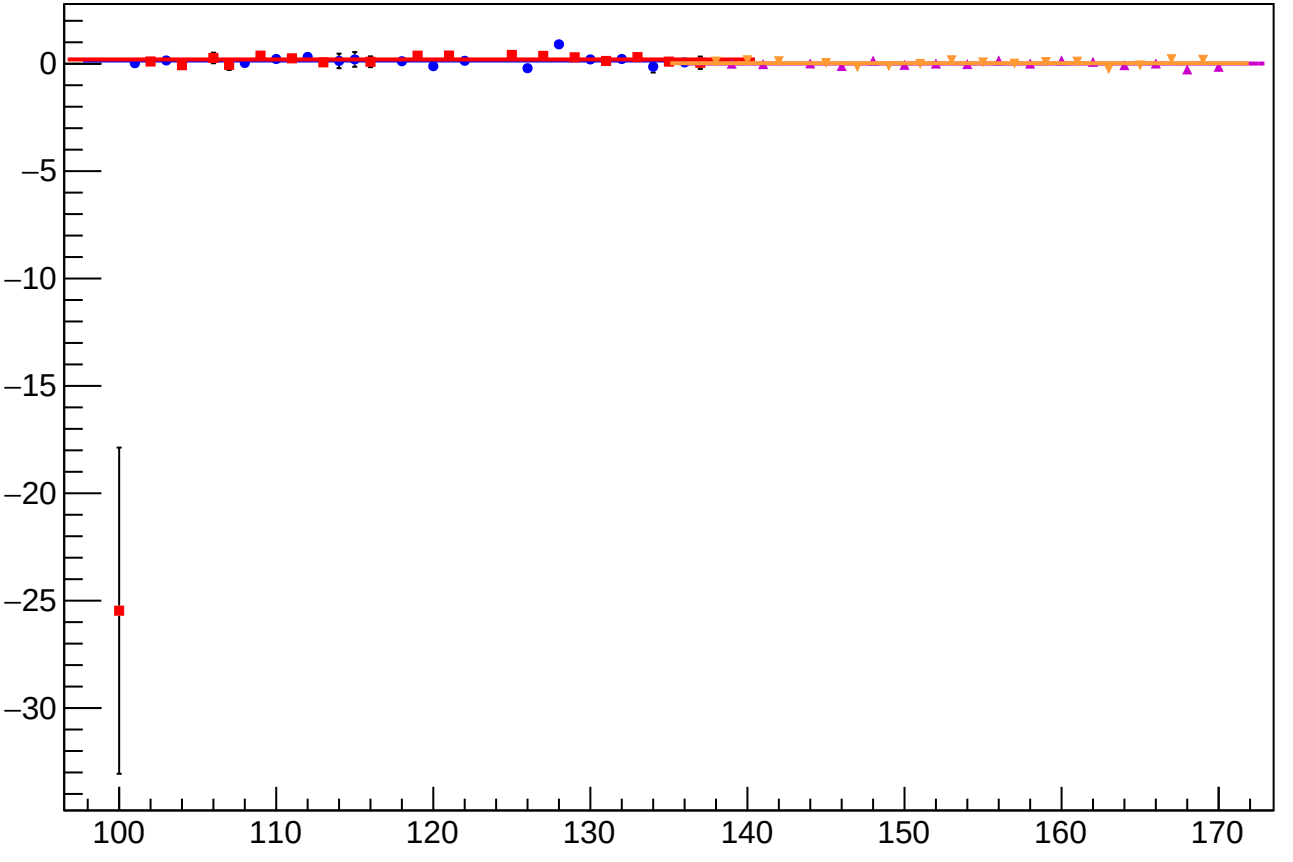
Left In: 0.042+/-0.017 χ^2/NDF:21.9/15

+ sign -0.005+/-0.014 χ^2/NDF: 49.1/31

All: 0.017+/-0.010 χ^2/NDF: 104.3/65

- sign 0.041+/-0.014 χ^2/NDF: 49.8/33

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.025+/-0.024 χ^2/NDF:26.4/15

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

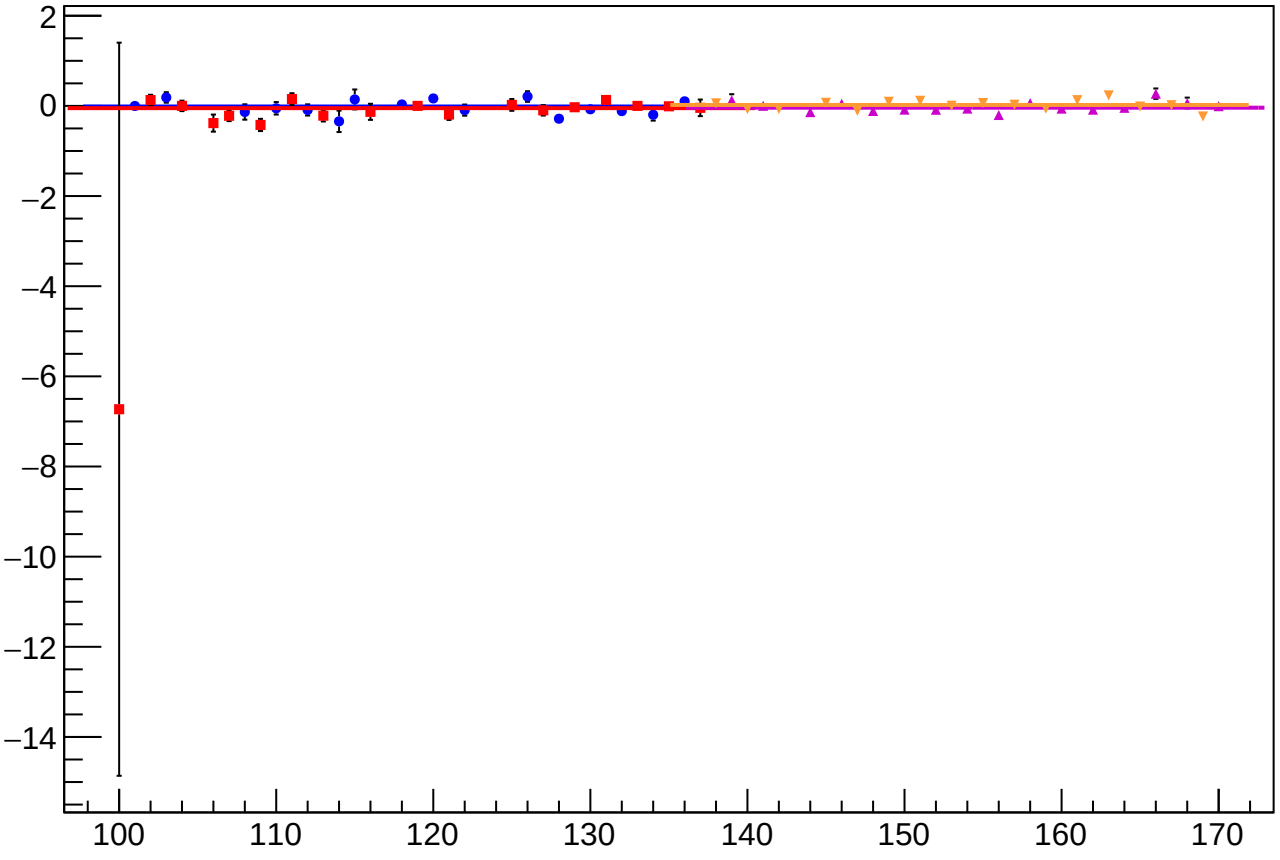
Left In: 0.009+/-0.024 χ^2/NDF:17.2/15

+ sign 0.056+/-0.021 χ^2/NDF: 61.7/31

All: 0.053+/-0.015 χ^2/NDF: 116.0/65

- sign 0.051+/-0.021 χ^2/NDF: 54.2/33

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: 0.021+/-0.020 χ^2/NDF:25.6/15

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

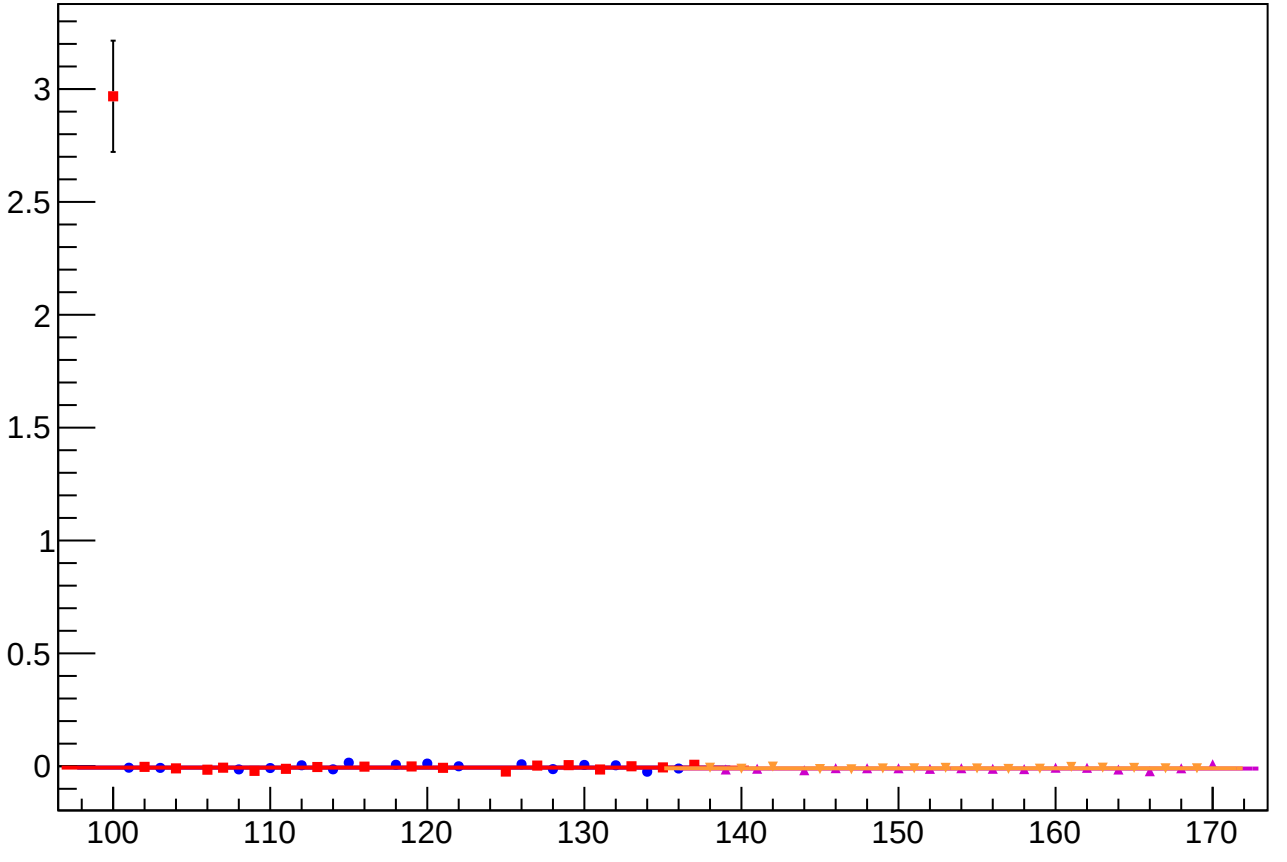
Left In: -0.040+/-0.020 χ^2/NDF:22.1/15

+ sign 0.008+/-0.016 χ^2/NDF: 51.8/31

All: -0.017+/-0.012 χ^2/NDF: 104.7/65

- sign -0.043+/-0.017 χ^2/NDF: 47.9/33

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:9.2/15

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

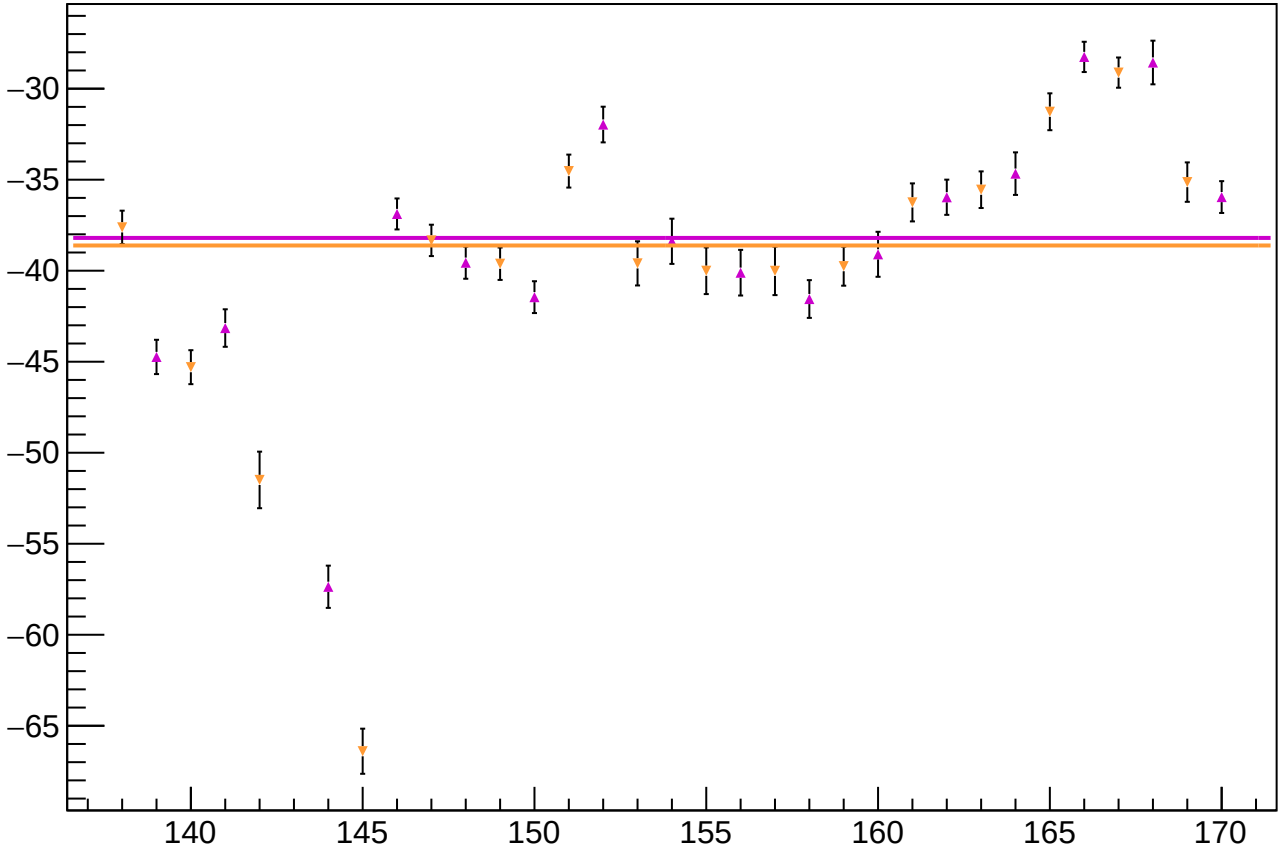
Left In: -0.010+/-0.001 χ^2/NDF:29.7/15

+ sign -0.008+/-0.001 χ^2/NDF: 41.4/31

All: -0.009+/-0.001 χ^2/NDF: 243.9/65

- sign -0.009+/-0.001 χ^2/NDF: 201.8/33

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -38.614+/-0.257 χ^2/NDF:857.7/15

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

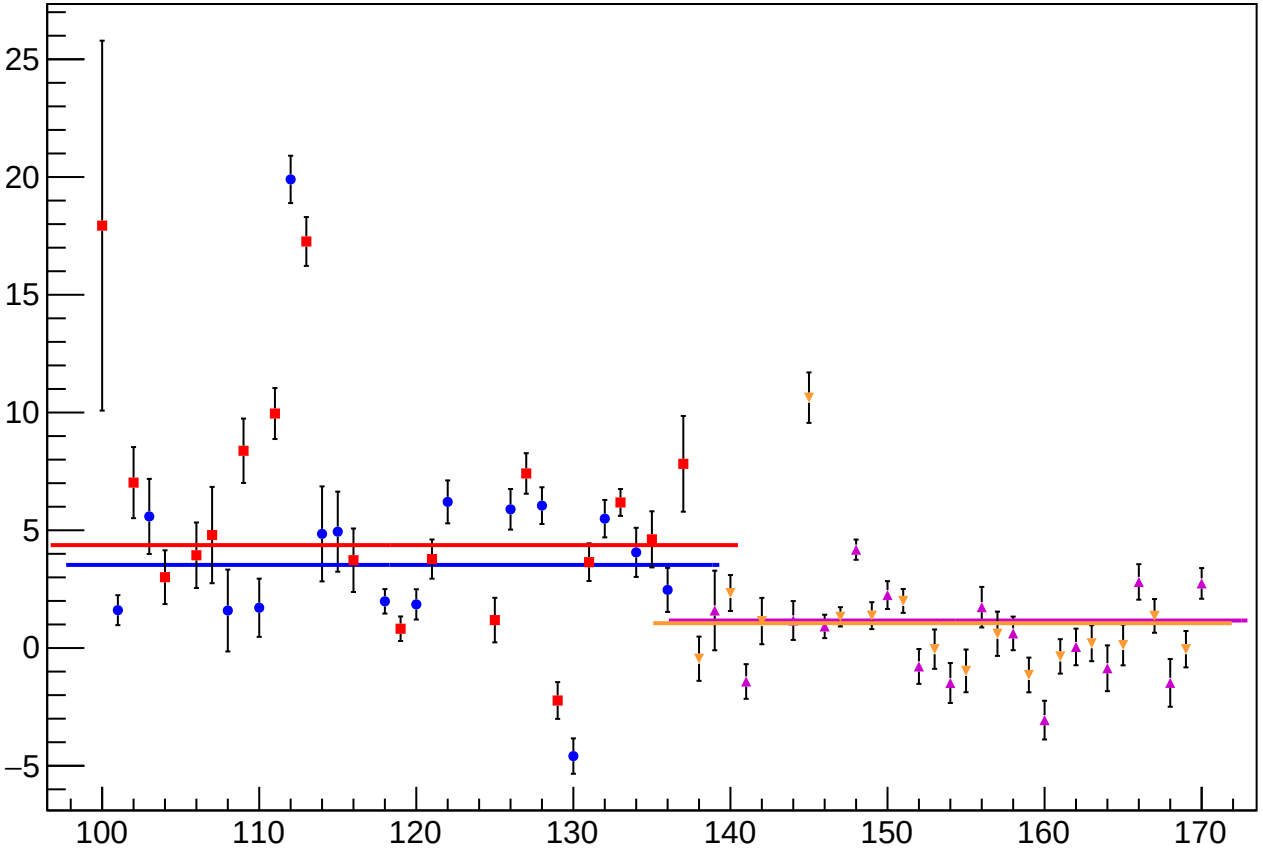
Left In: -38.199+/-0.250 χ^2/NDF:645.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -38.401+/-0.179 χ^2/NDF: 1504.0/31

- 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: 1.055+/-0.177 χ^2/NDF:113.7/15

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

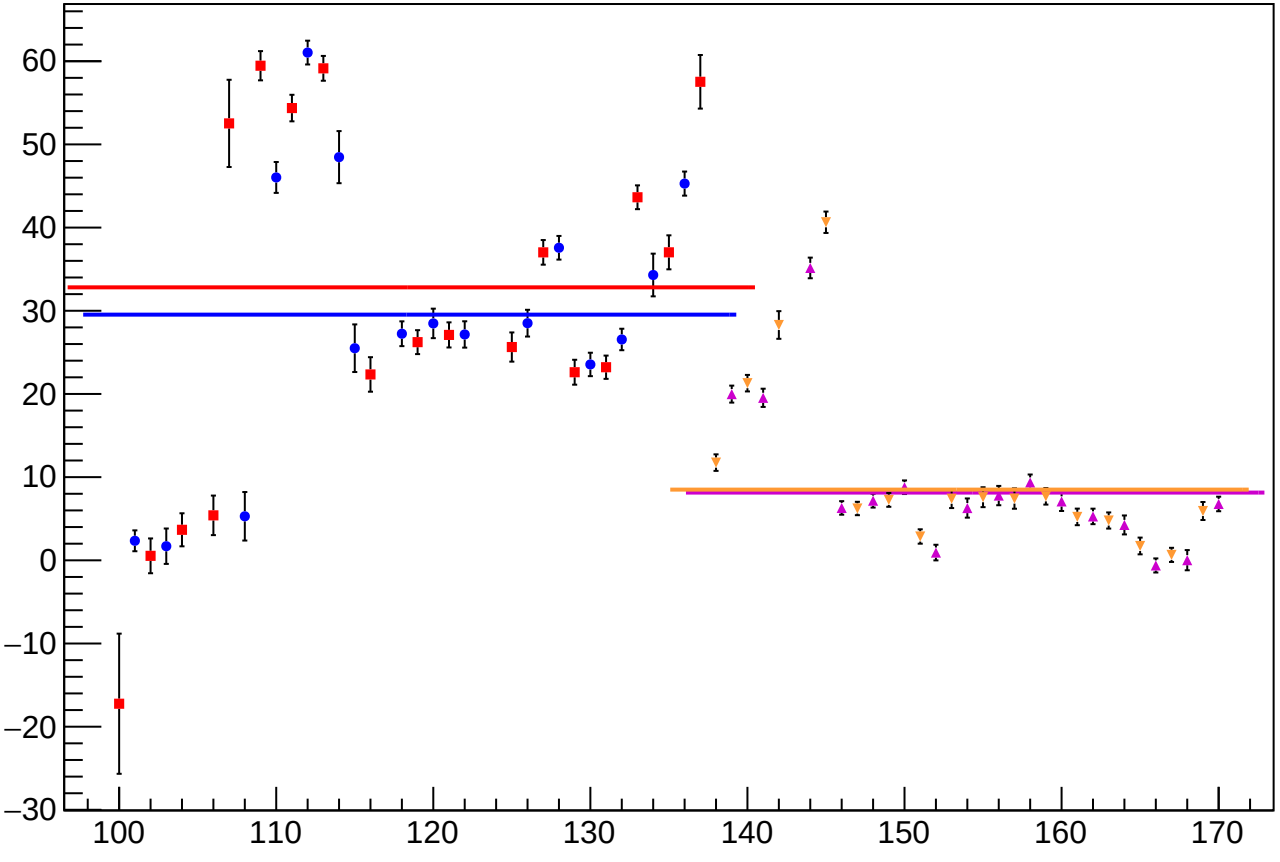
Left In: 1.168+/-0.177 χ^2/NDF:133.3/15

+ sign 2.043+/-0.137 χ^2/NDF: 638.2/31

All: 2.215+/-0.098 χ^2/NDF: 1253.1/65

- sign 2.391+/-0.139 χ^2/NDF: 611.7/33

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 8.501+/-0.252 χ^2/NDF:1159.6/15

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

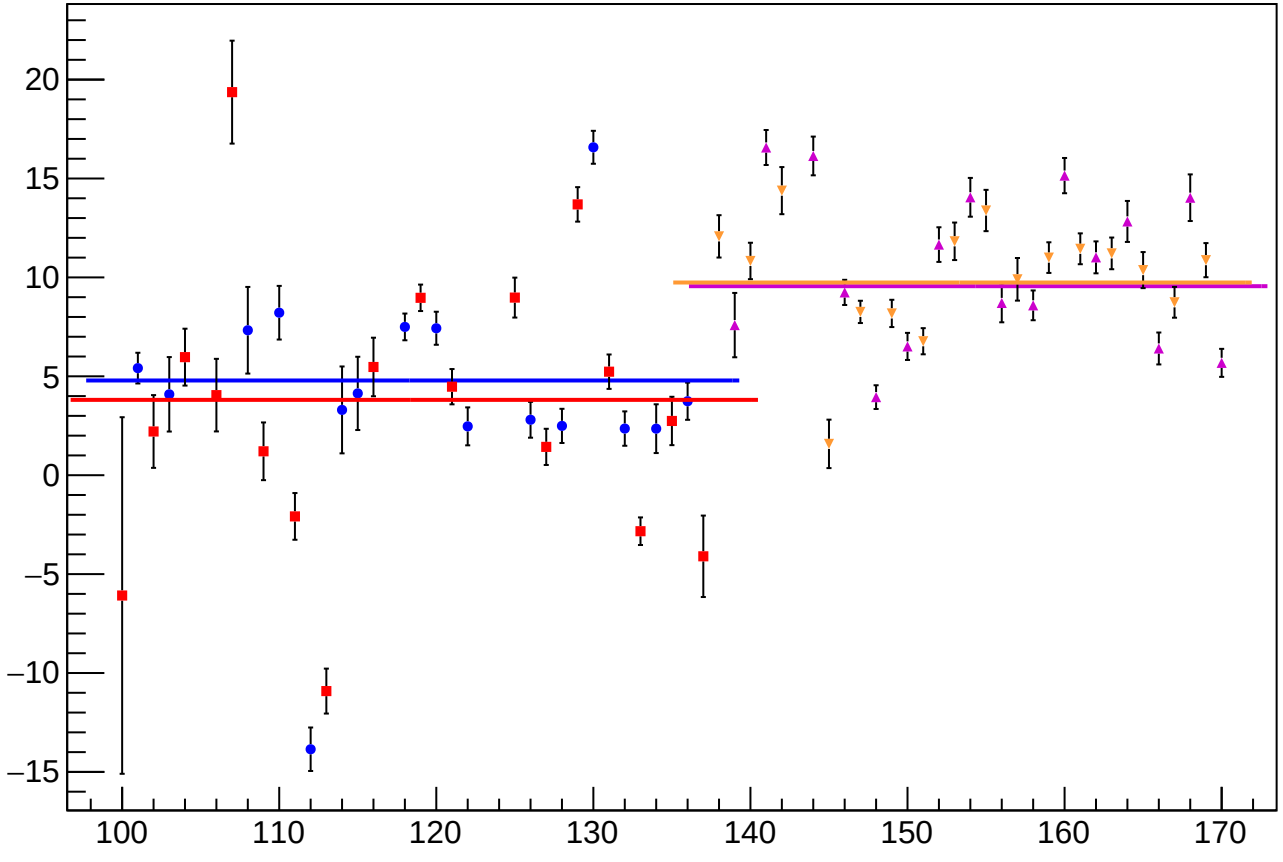
Left In: 8.144+/-0.245 χ^2/NDF:962.9/15

+ sign 14.125+/-0.216 χ^2/NDF: 4520.7/31

All: 14.234+/-0.151 χ^2/NDF: 9692.9/65

- sign 14.340+/-0.212 χ^2/NDF: 5171.7/33

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 9.742+/-0.209 χ^2/NDF:129.7/15

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

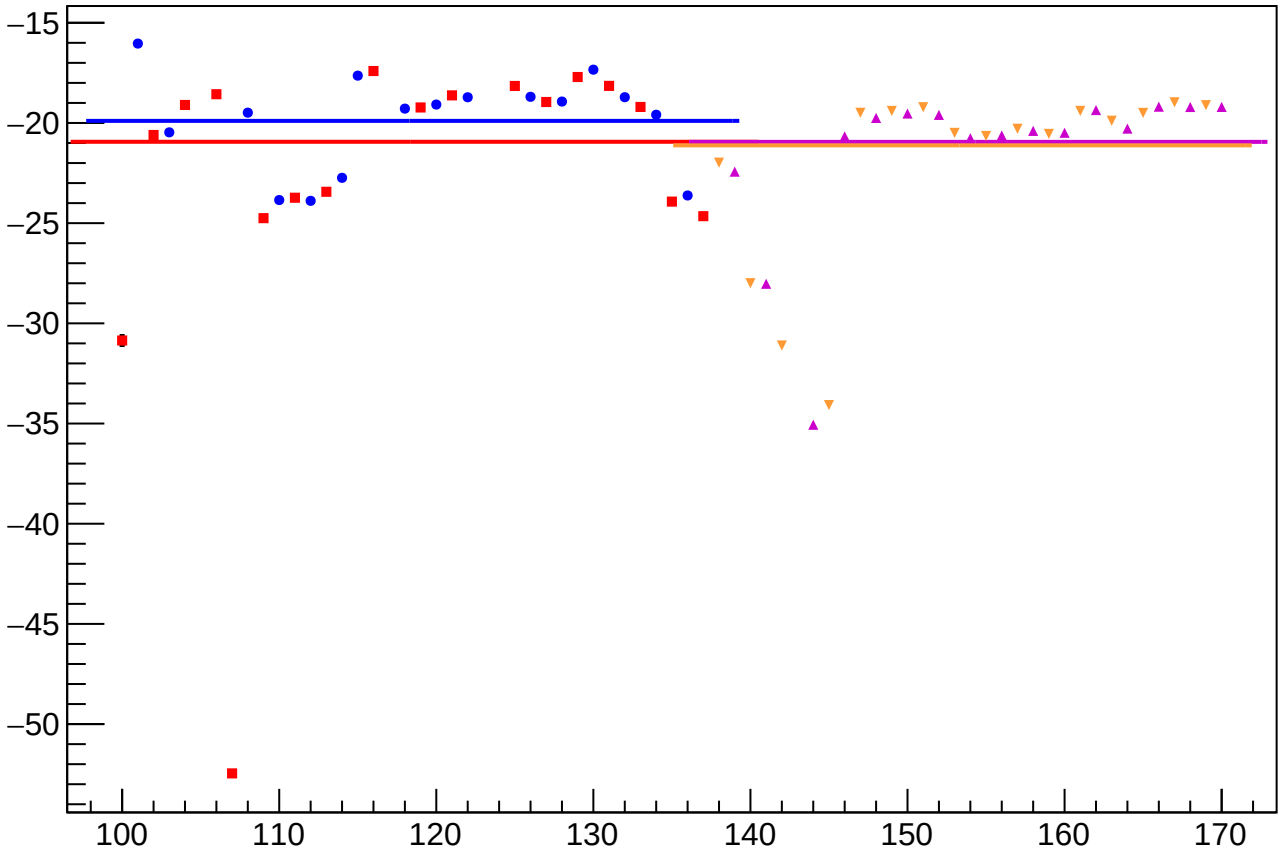
Left In: 9.556+/-0.208 χ^2/NDF:358.3/15

+ sign 7.718+/-0.161 χ^2/NDF: 913.5/31

All: 7.514+/-0.114 χ^2/NDF: 2142.7/65

- sign 7.307+/-0.162 χ^2/NDF: 1226.0/33

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -21.118+/-0.010 χ^2/NDF:131522.7/15

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

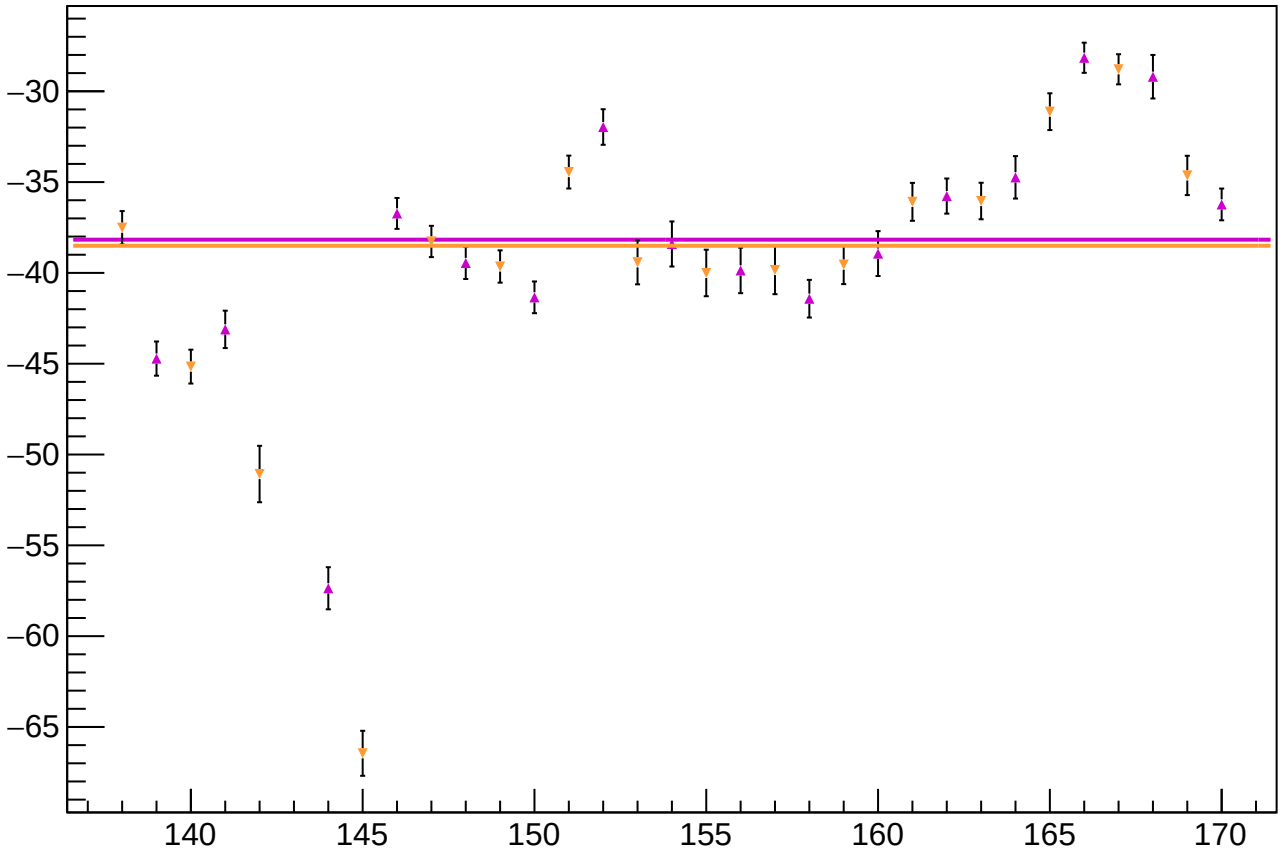
Left In: -20.943+/-0.010 χ^2/NDF:107717.6/15

+ sign -20.760+/-0.008 χ^2/NDF: 161959.5/31

All: -20.853+/-0.006 χ^2/NDF: 363980.2/65

- sign -20.942+/-0.008 χ^2/NDF: 201782.9/33

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -38.504+/-0.257 χ^2/NDF:866.6/15

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

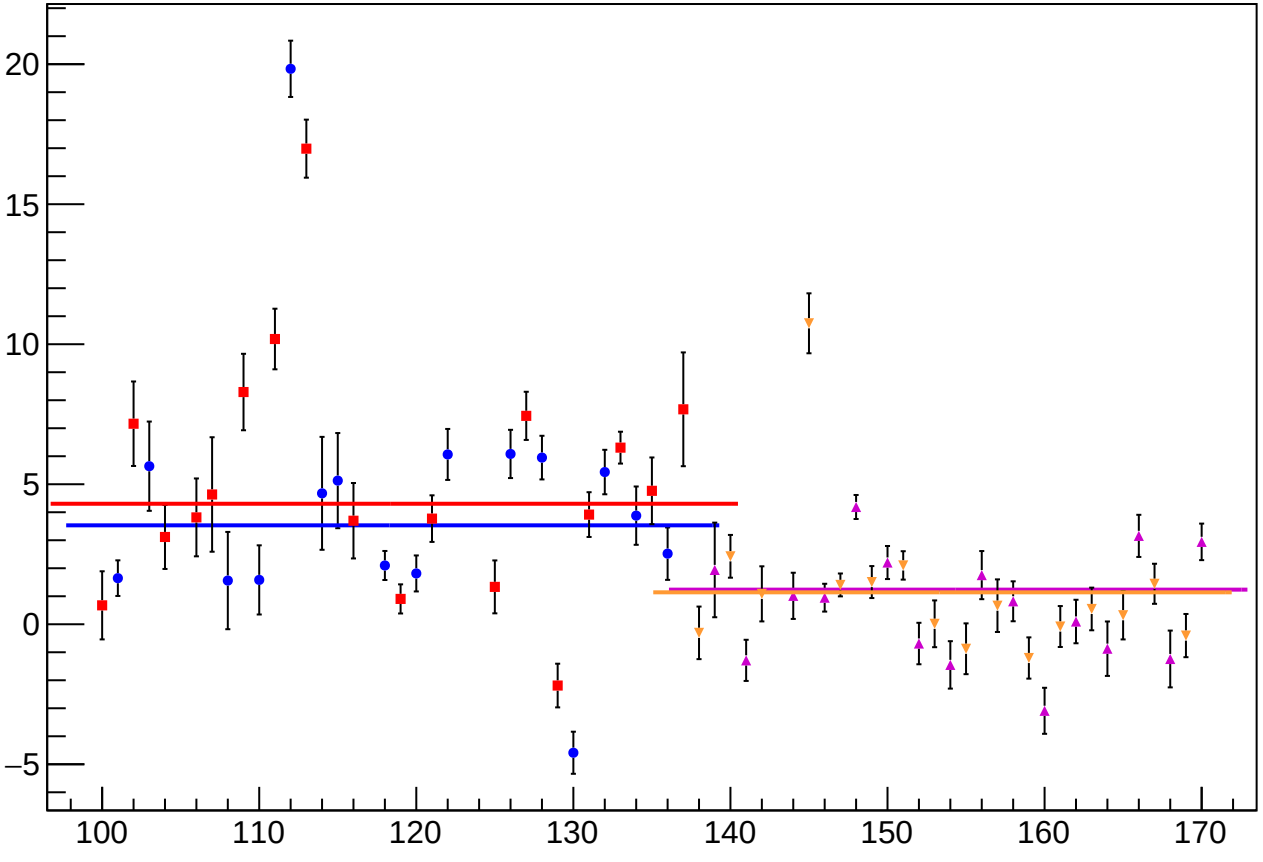
Left In: -38.171+/-0.250 χ^2/NDF:636.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -38.333+/-0.179 χ^2/NDF: 1504.3/31

- 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: 1.140+/-0.177 χ^2/NDF:115.8/15

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

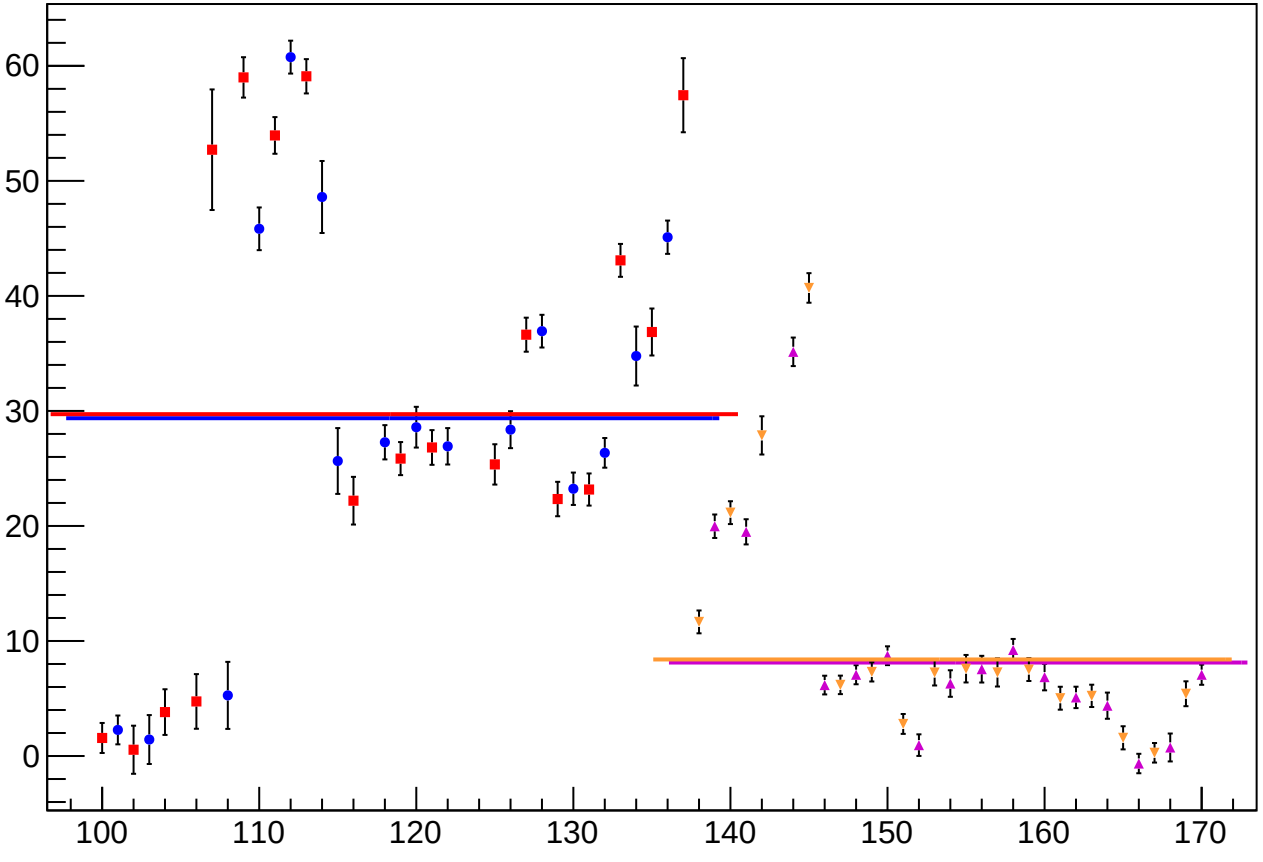
Left In: 1.236+/-0.177 χ^2/NDF:133.9/15

+ sign 2.095+/-0.137 χ^2/NDF: 631.9/31

All: 2.262+/-0.097 χ^2/NDF: 1238.5/65

- sign 2.432+/-0.138 χ^2/NDF: 603.6/33

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 8.393+/-0.252 χ^2/NDF:1165.9/15

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

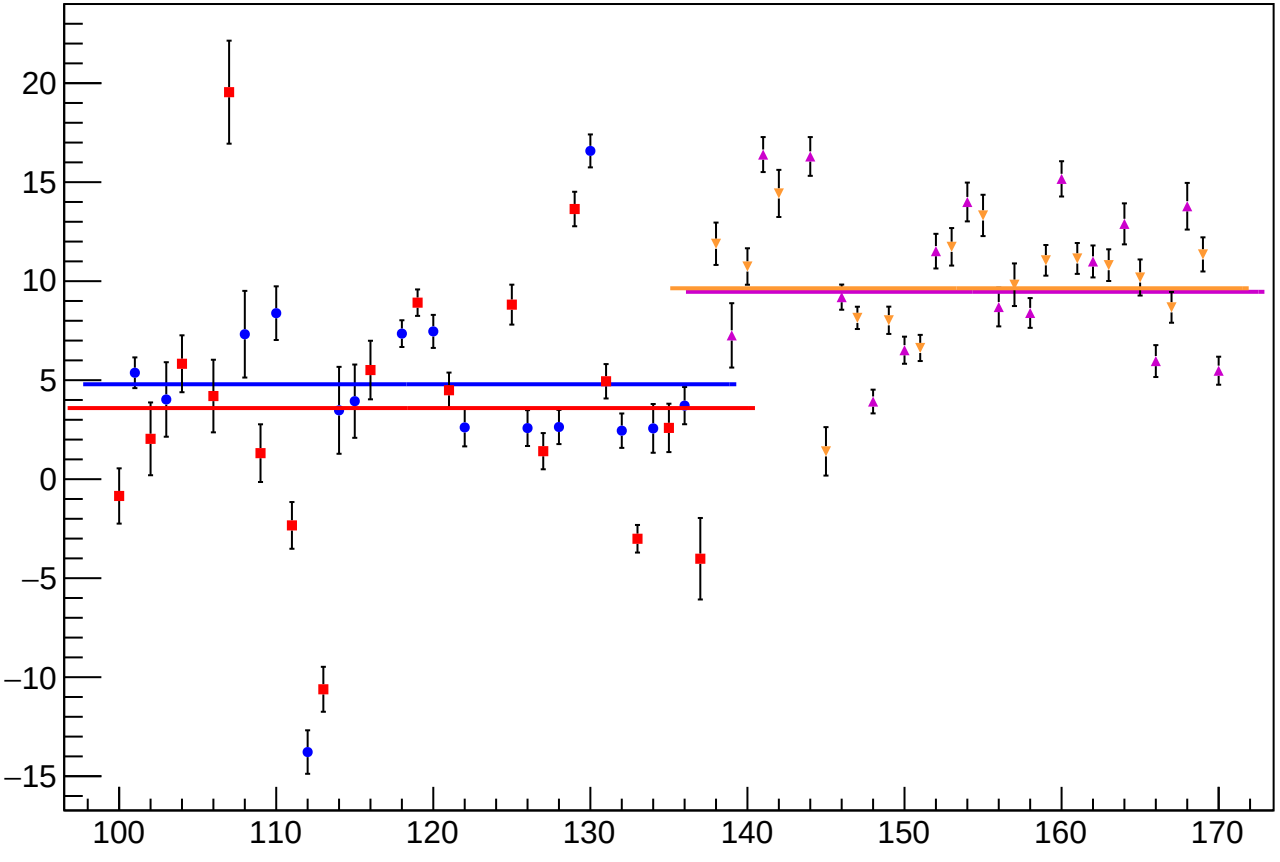
Left In: 8.127+/-0.245 χ^2/NDF:956.7/15

+ sign 14.002+/-0.215 χ^2/NDF: 4512.5/31

All: 13.978+/-0.150 χ^2/NDF: 9700.2/65

- sign 13.955+/-0.209 χ^2/NDF: 5187.7/33

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 9.642+/-0.209 χ^2/NDF:133.1/15

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

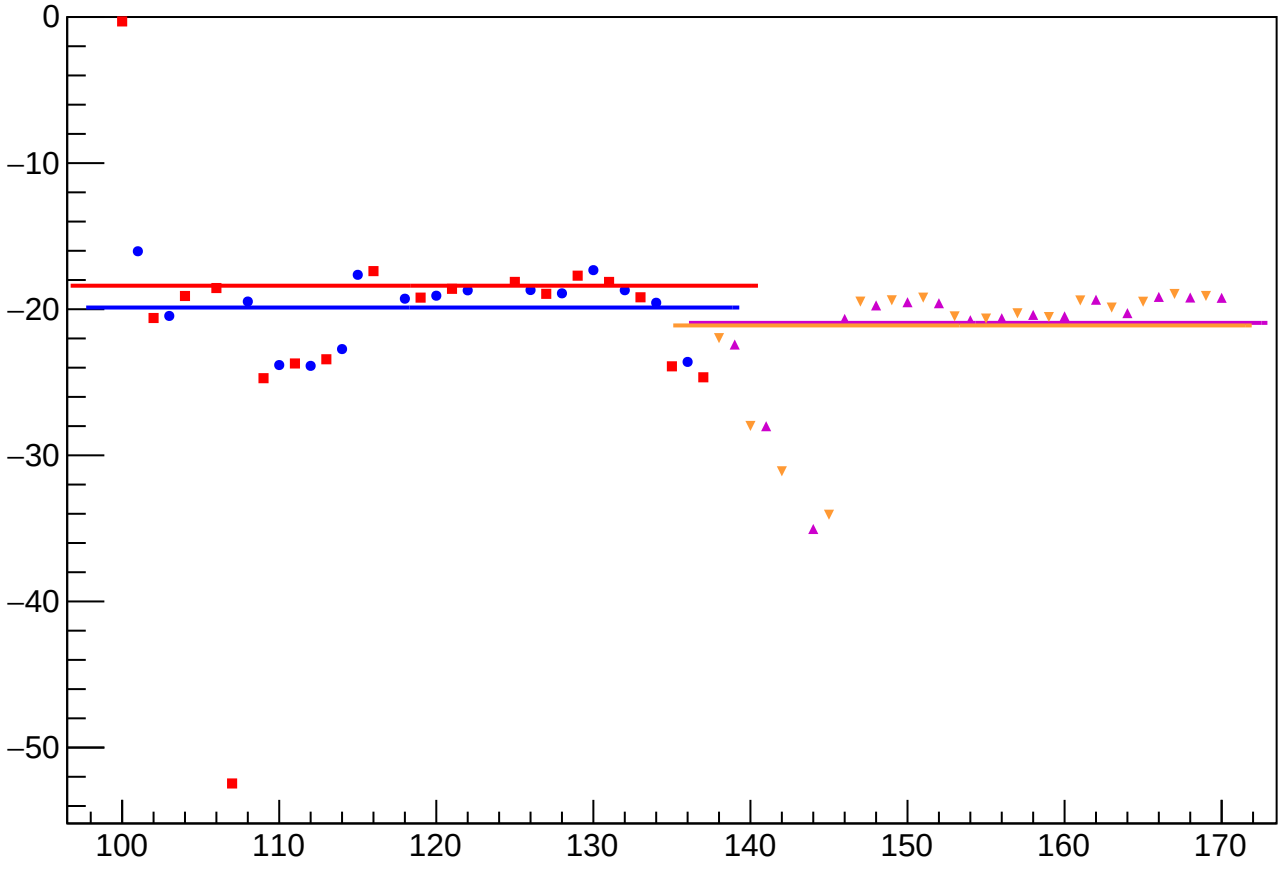
Left In: 9.463+/-0.207 χ^2/NDF:365.5/15

+ sign 7.660+/-0.161 χ^2/NDF: 903.5/31

All: 7.390+/-0.114 χ^2/NDF: 2167.8/65

- sign 7.119+/-0.161 χ^2/NDF: 1258.7/33

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -21.109+/-0.010 χ^2/NDF:131628.3/15

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

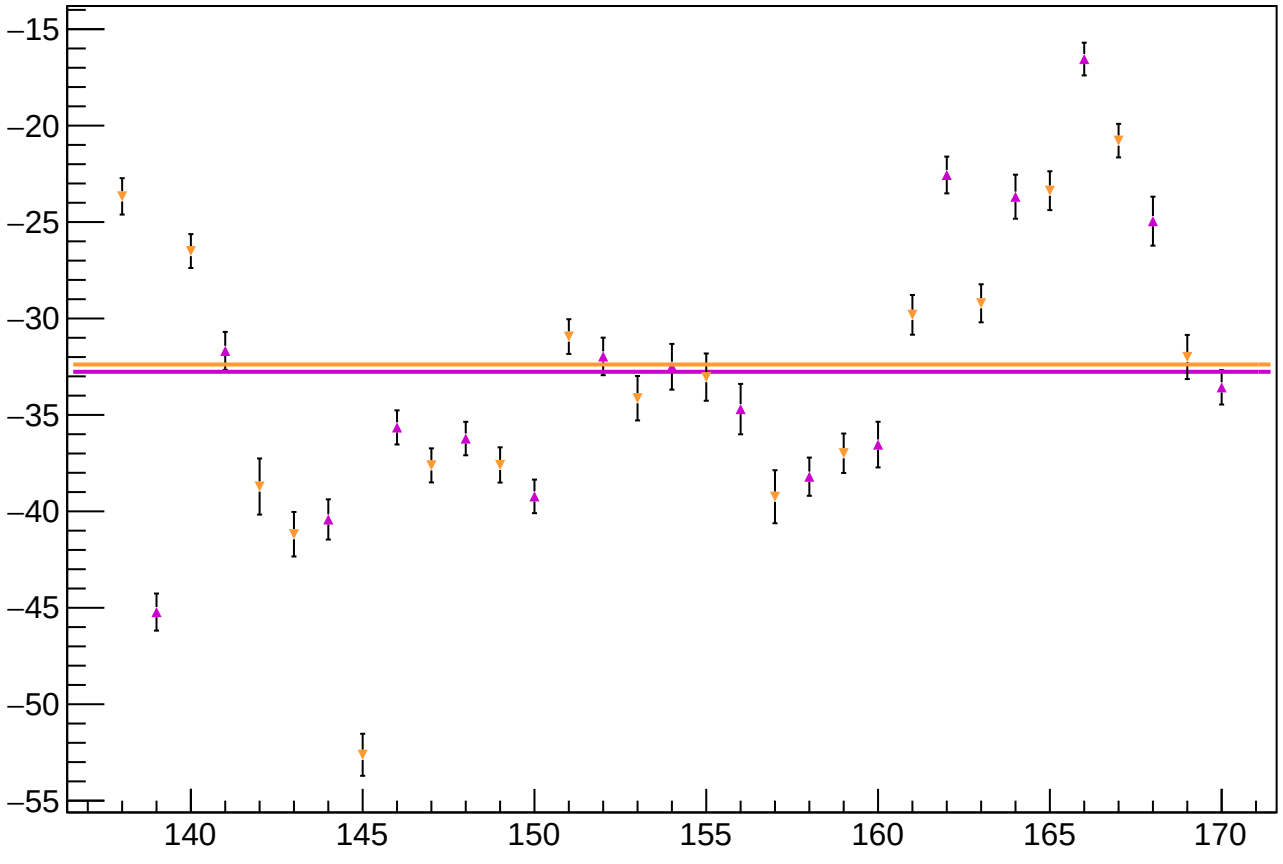
Left In: -20.934+/-0.010 χ^2/NDF:107614.7/15

+ sign -20.751+/-0.008 χ^2/NDF: 162085.1/31

All: -20.448+/-0.006 χ^2/NDF: 594273.2/65

- sign -20.169+/-0.008 χ^2/NDF: 429701.9/33

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -32.385+/-0.249 χ^2/NDF:944.7/16

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

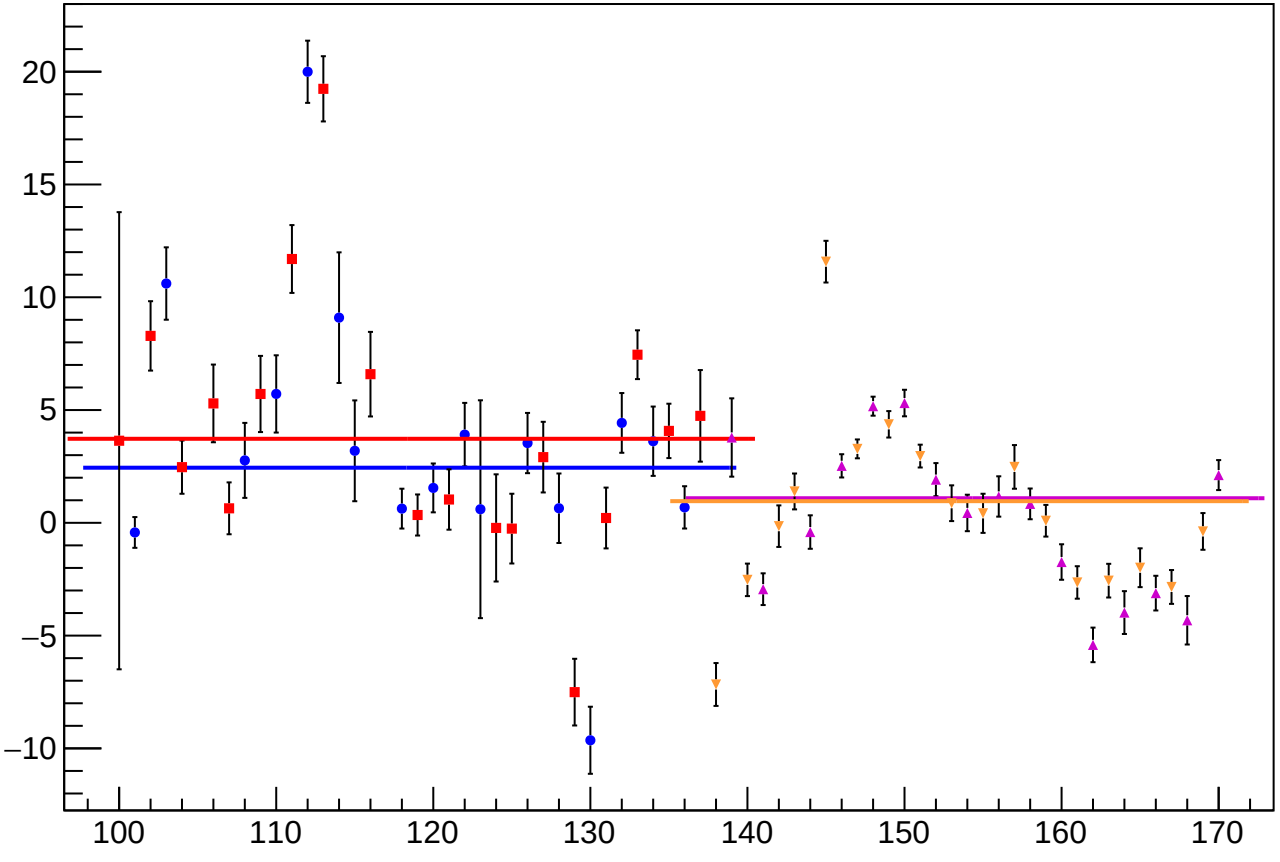
Left In: -32.763+/-0.249 χ^2/NDF:929.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.574+/-0.176 χ^2/NDF: 1874.9/32

- 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: 0.960+/-0.172 χ^2/NDF:402.2/16

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

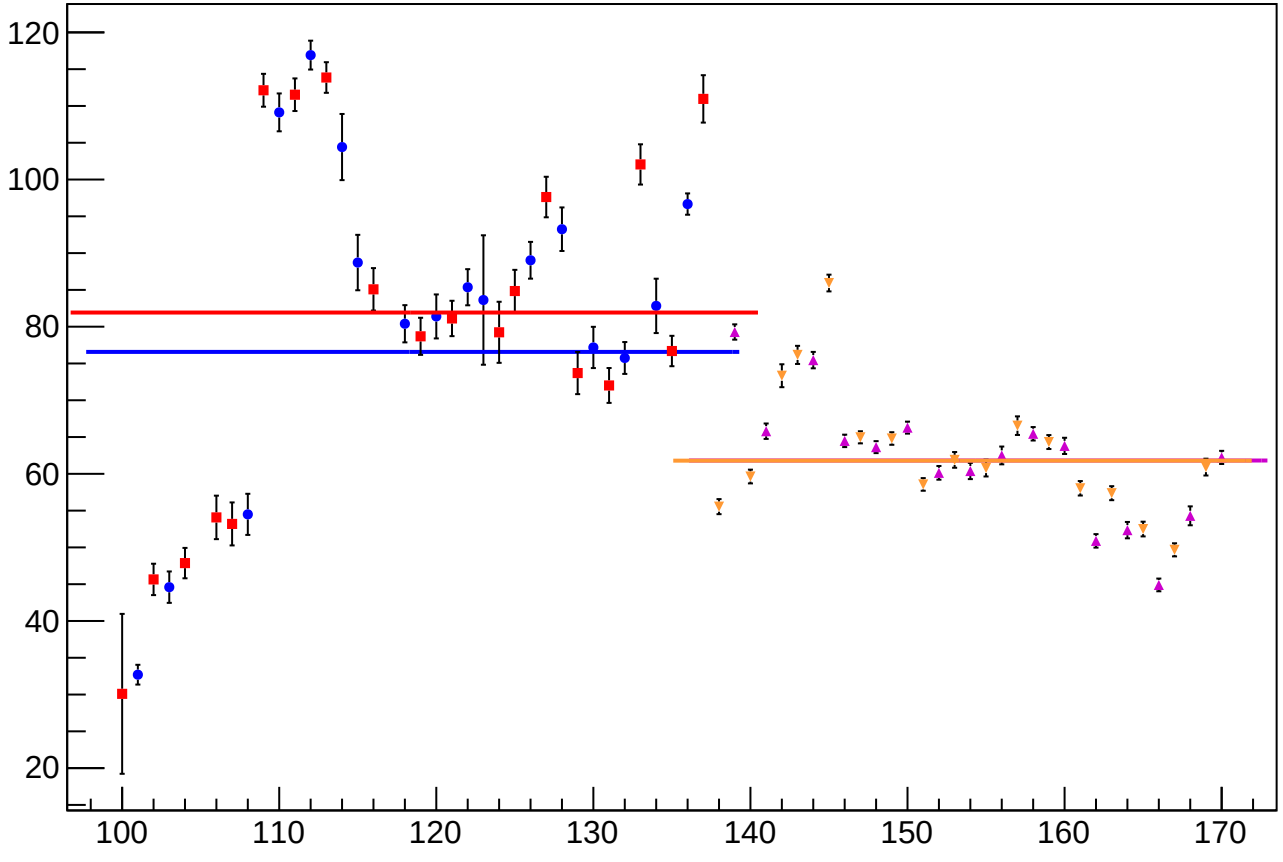
Left In: 1.090+/-0.175 χ^2/NDF:365.6/15

+ sign 1.307+/-0.150 χ^2/NDF: 715.0/33

All: 1.488+/-0.108 χ^2/NDF: 1403.2/68

- sign 1.679+/-0.155 χ^2/NDF: 685.2/34

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 61.791+/-0.245 χ^2/NDF:1055.7/16

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

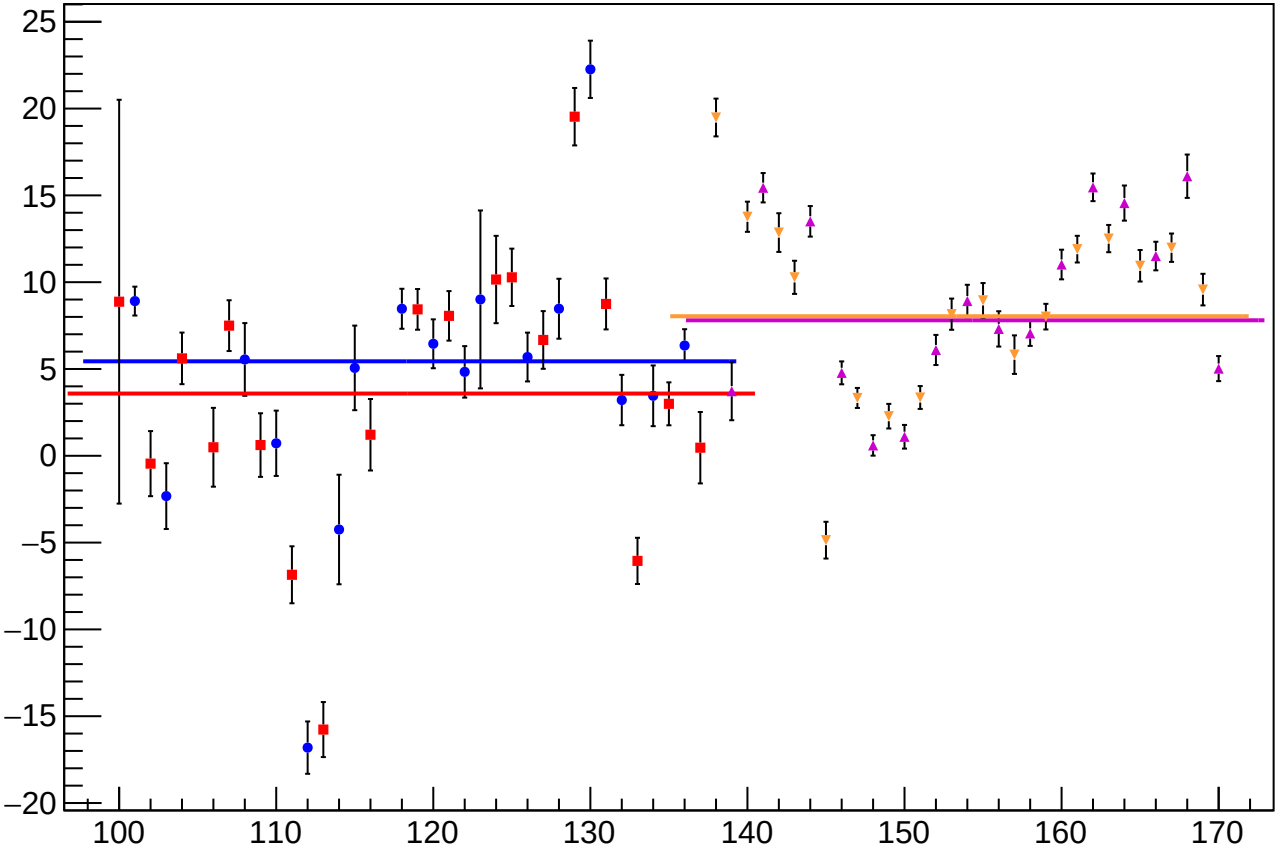
Left In: 61.810+/-0.243 χ^2/NDF:1146.4/15

+ sign 64.072+/-0.225 χ^2/NDF: 3871.5/33

All: 64.393+/-0.159 χ^2/NDF: 7580.5/68

- sign 64.713+/-0.225 χ^2/NDF: 3705.0/34

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 8.038+/-0.202 χ^2/NDF:609.2/16

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

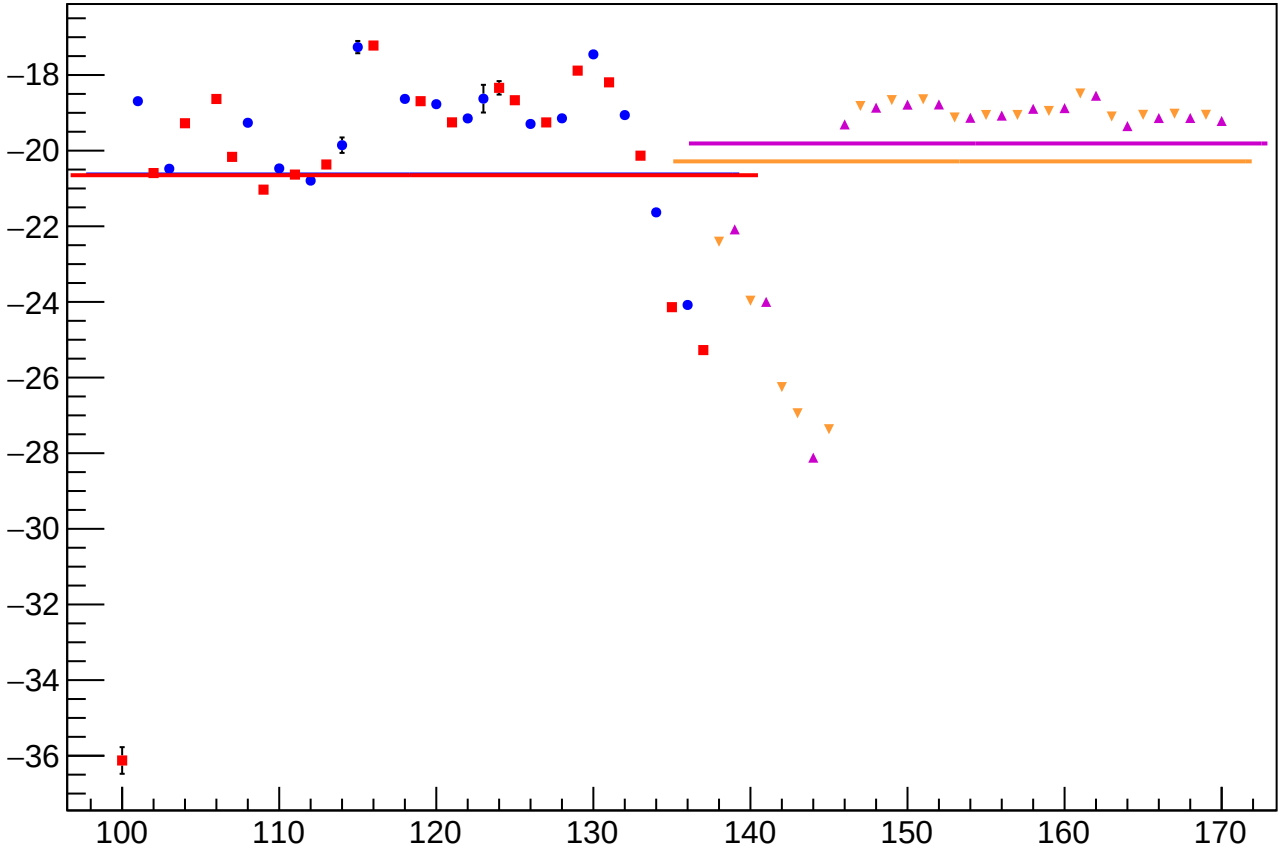
Left In: 7.805+/-0.205 χ^2/NDF:633.9/15

+ sign 7.407+/-0.176 χ^2/NDF: 1036.6/33

All: 7.126+/-0.126 χ^2/NDF: 2196.2/68

- sign 6.832+/-0.180 χ^2/NDF: 1154.4/34

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -20.284+/-0.010 χ^2/NDF:78806.4/16

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

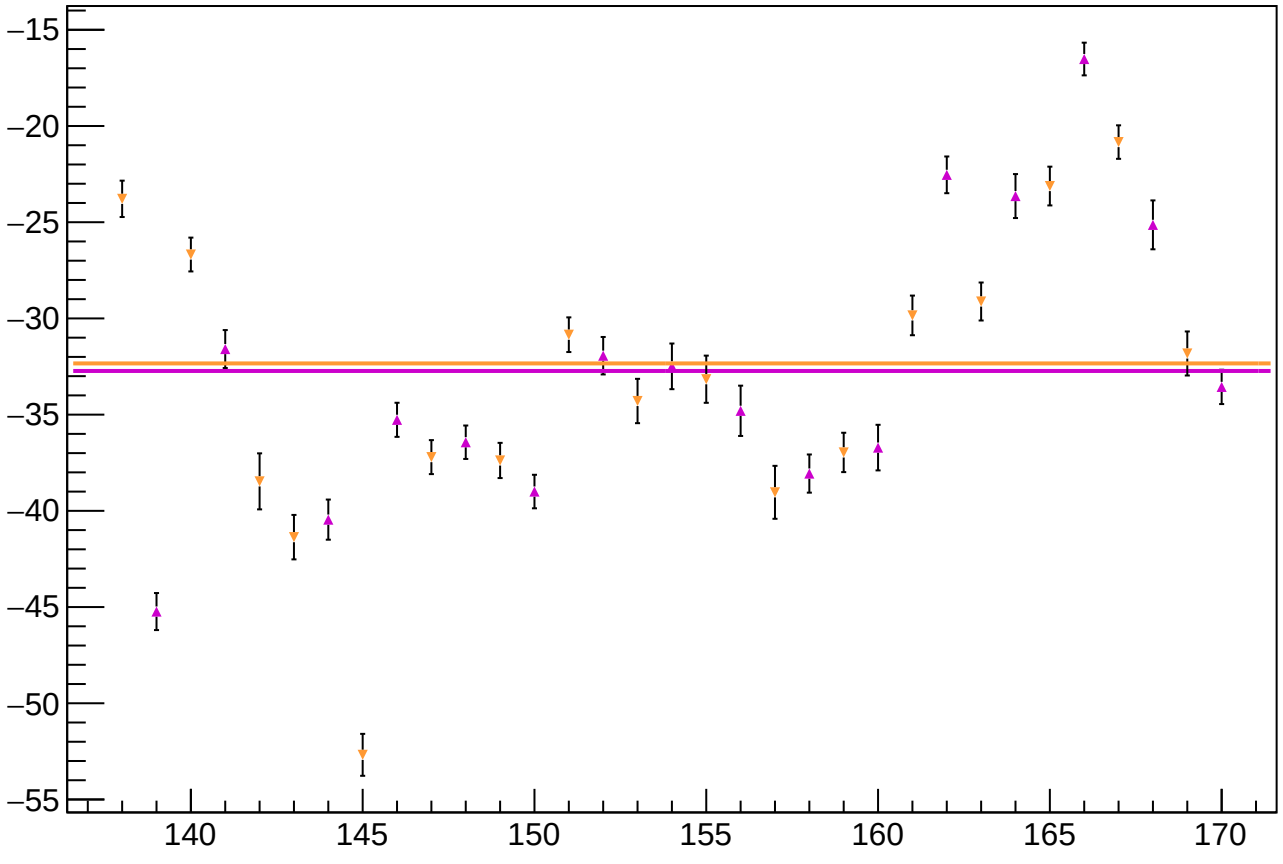
Left In: -19.810+/-0.010 χ^2/NDF:49255.8/15

+ sign -20.354+/-0.009 χ^2/NDF: 91554.7/33

All: -20.163+/-0.006 χ^2/NDF: 157157.0/68

- sign -19.975+/-0.009 χ^2/NDF: 64641.9/34

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.338+/-0.249 χ^2/NDF:936.5/16

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

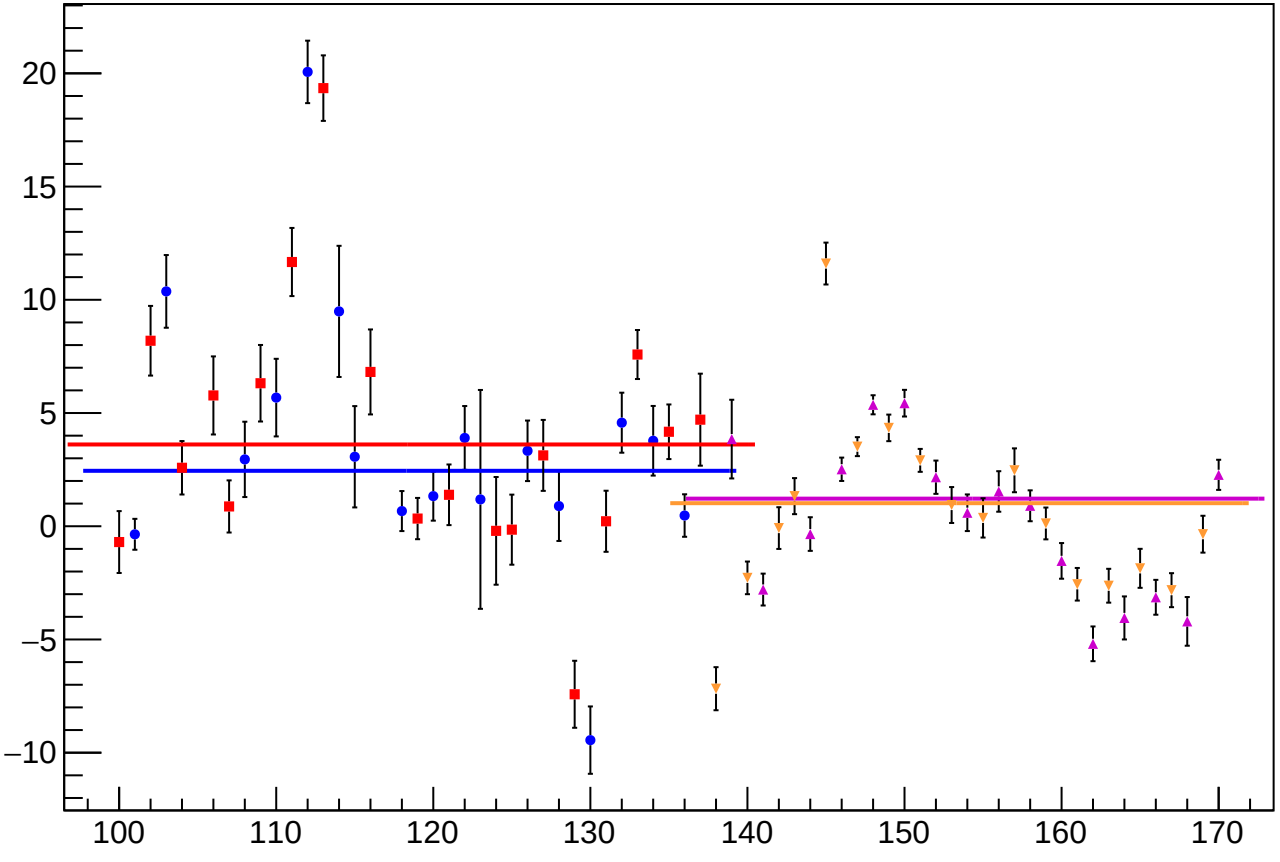
Left In: -32.730+/-0.249 χ^2/NDF:924.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.534+/-0.176 χ^2/NDF: 1862.3/32

- 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: 1.018+/-0.172 χ^2/NDF:402.4/16

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

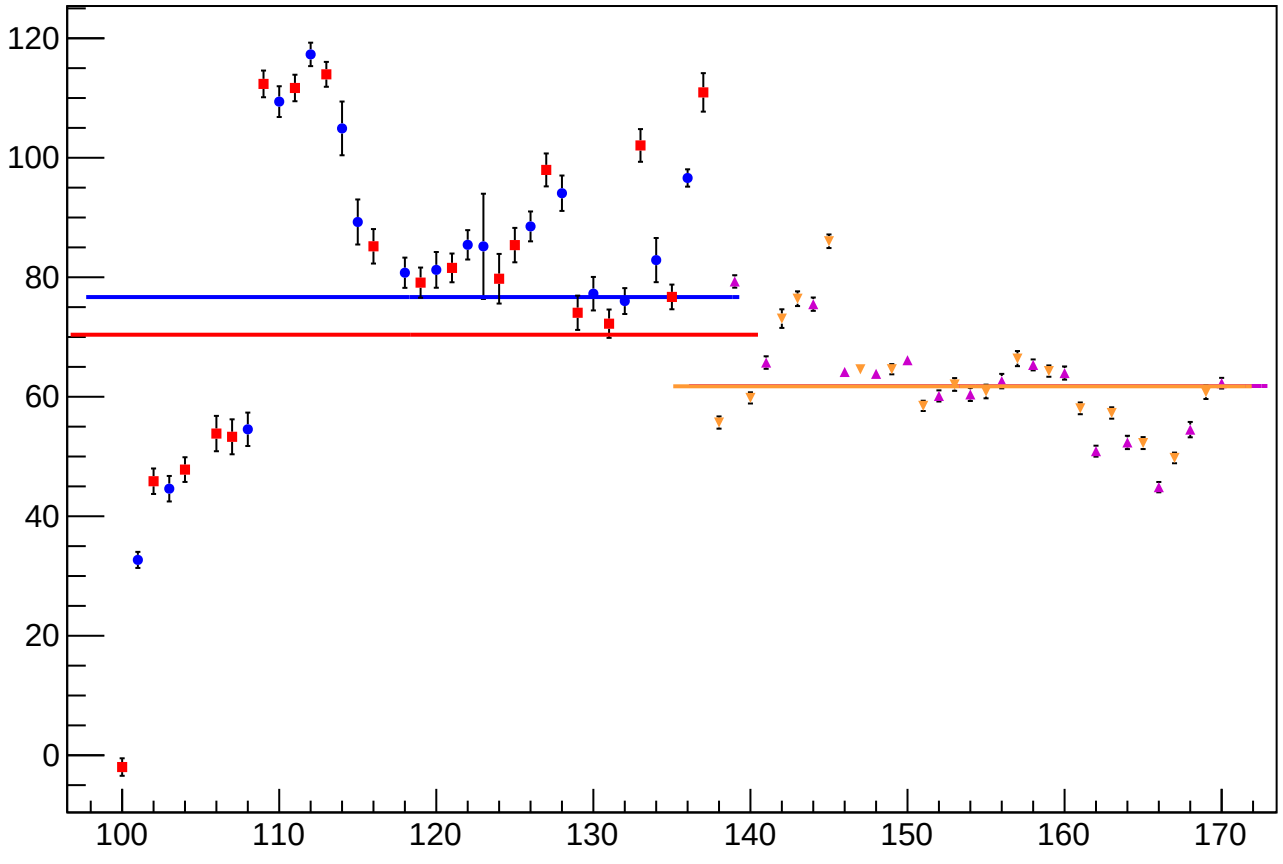
Left In: 1.219+/-0.176 χ^2/NDF:369.0/15

+ sign 1.353+/-0.150 χ^2/NDF: 712.0/33

All: 1.560+/-0.108 χ^2/NDF: 1407.6/68

- sign 1.777+/-0.154 χ^2/NDF: 691.7/34

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 61.752+/-0.245 χ^2/NDF:1055.2/16

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

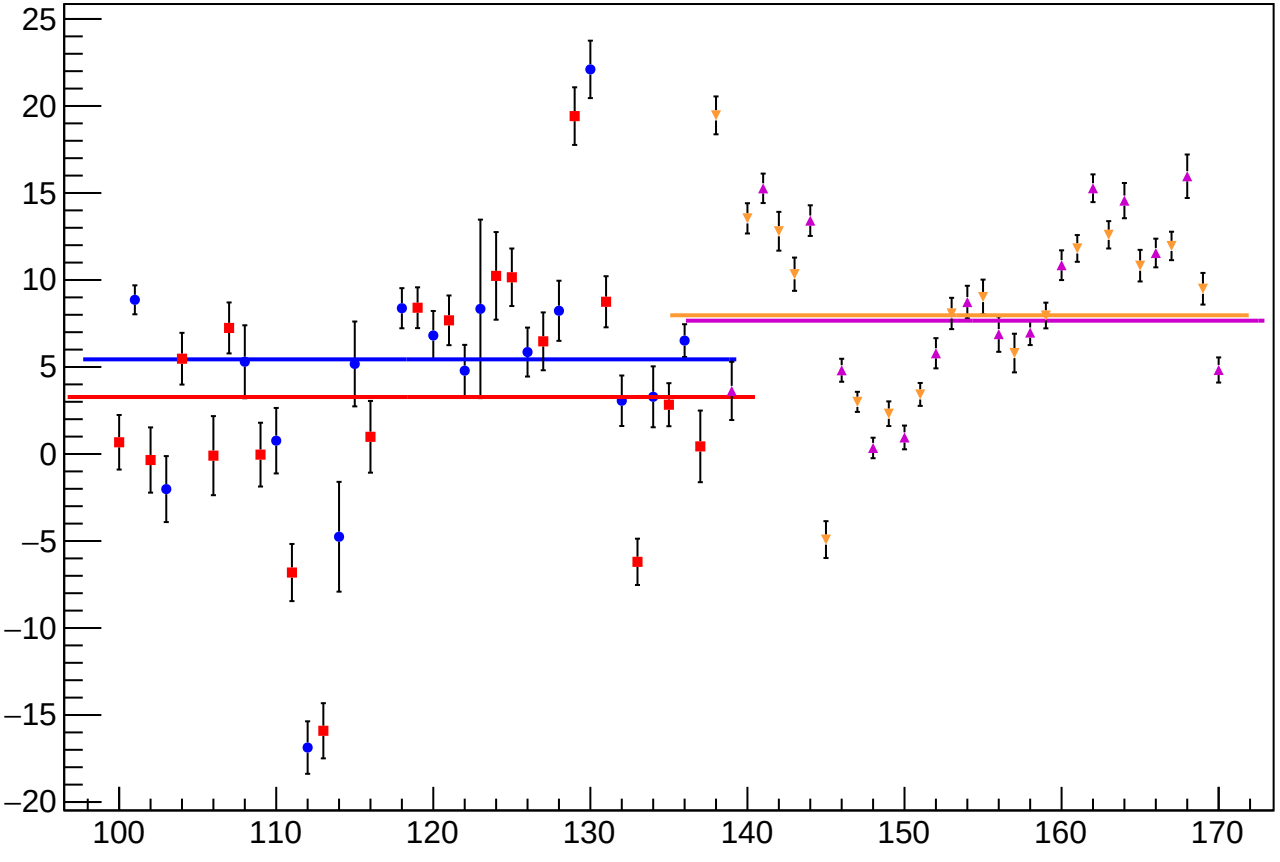
Left In: 61.802+/-0.243 χ^2/NDF:1141.3/15

+ sign 64.057+/-0.225 χ^2/NDF: 3893.5/33

All: 63.627+/-0.158 χ^2/NDF: 9637.1/68

- sign 63.207+/-0.222 χ^2/NDF: 5736.4/34

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 7.972+/-0.203 χ^2/NDF:612.1/16

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

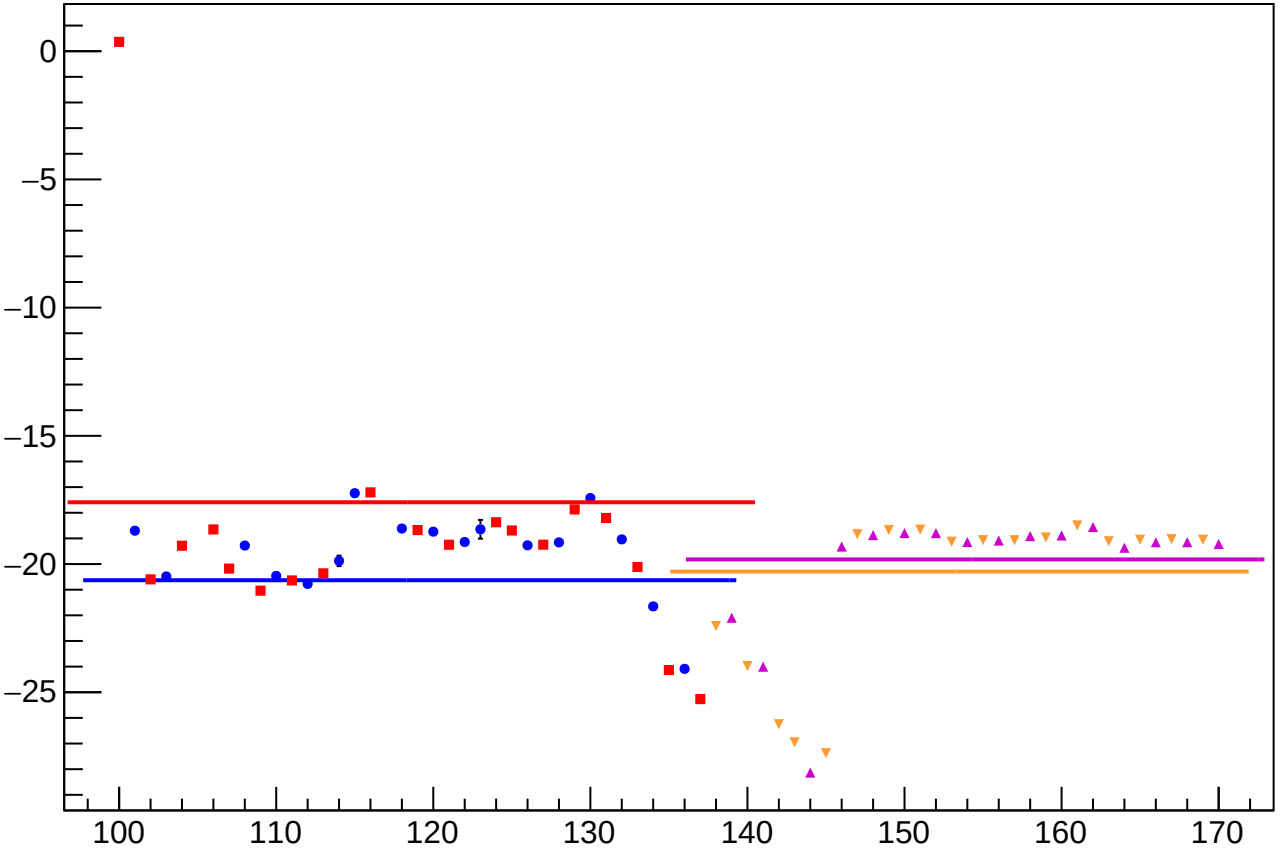
Left In: 7.661+/-0.206 χ^2/NDF:639.2/15

+ sign 7.356+/-0.176 χ^2/NDF: 1036.0/33

All: 6.987+/-0.126 χ^2/NDF: 2219.4/68

- sign 6.606+/-0.179 χ^2/NDF: 1174.5/34

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -20.293+/-0.010 χ^2/NDF:78679.4/16

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

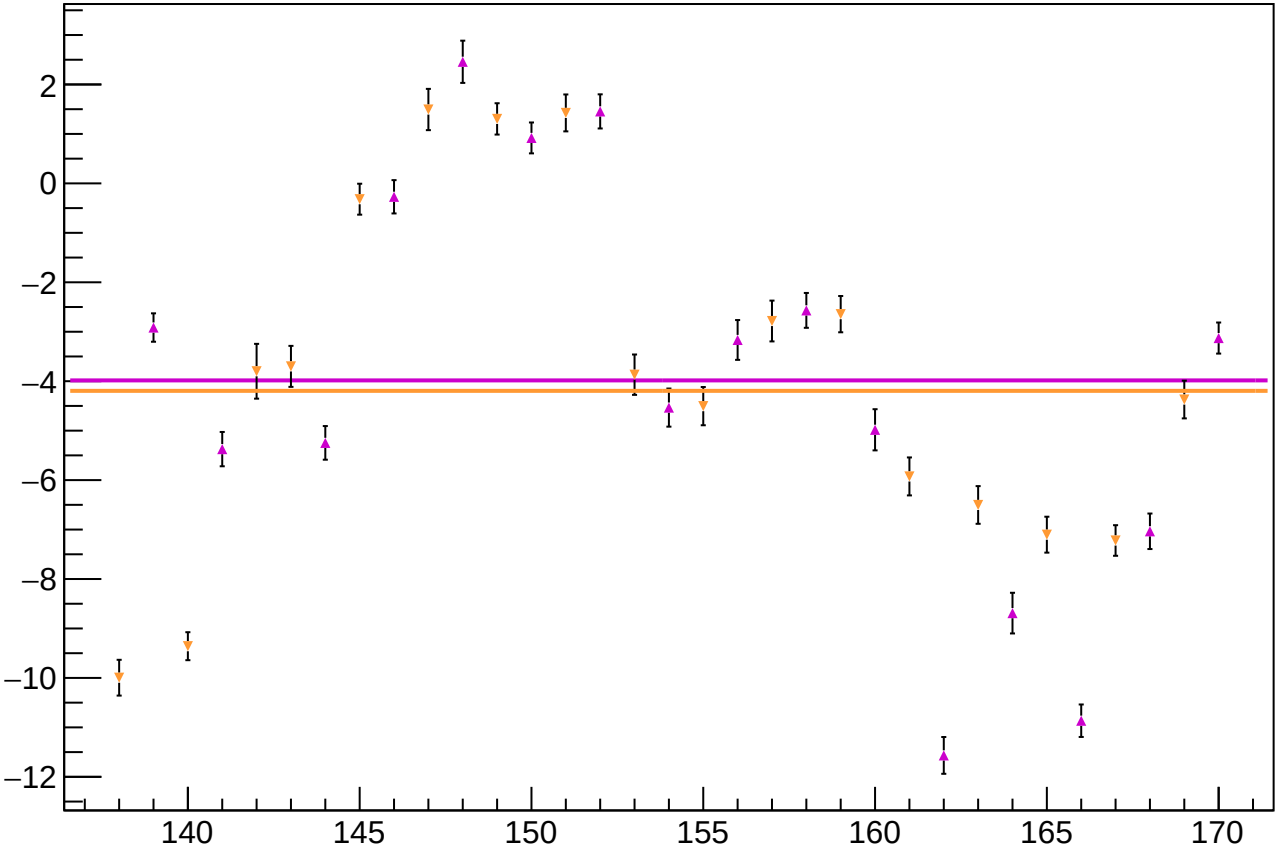
Left In: -19.820+/-0.010 χ^2/NDF:49193.3/15

+ sign -20.361+/-0.009 χ^2/NDF: 91456.4/33

All: -19.831+/-0.006 χ^2/NDF: 338520.7/68

- sign -19.326+/-0.008 χ^2/NDF: 239797.3/34

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -4.195+/-0.089 χ^2/NDF:1707.2/16

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

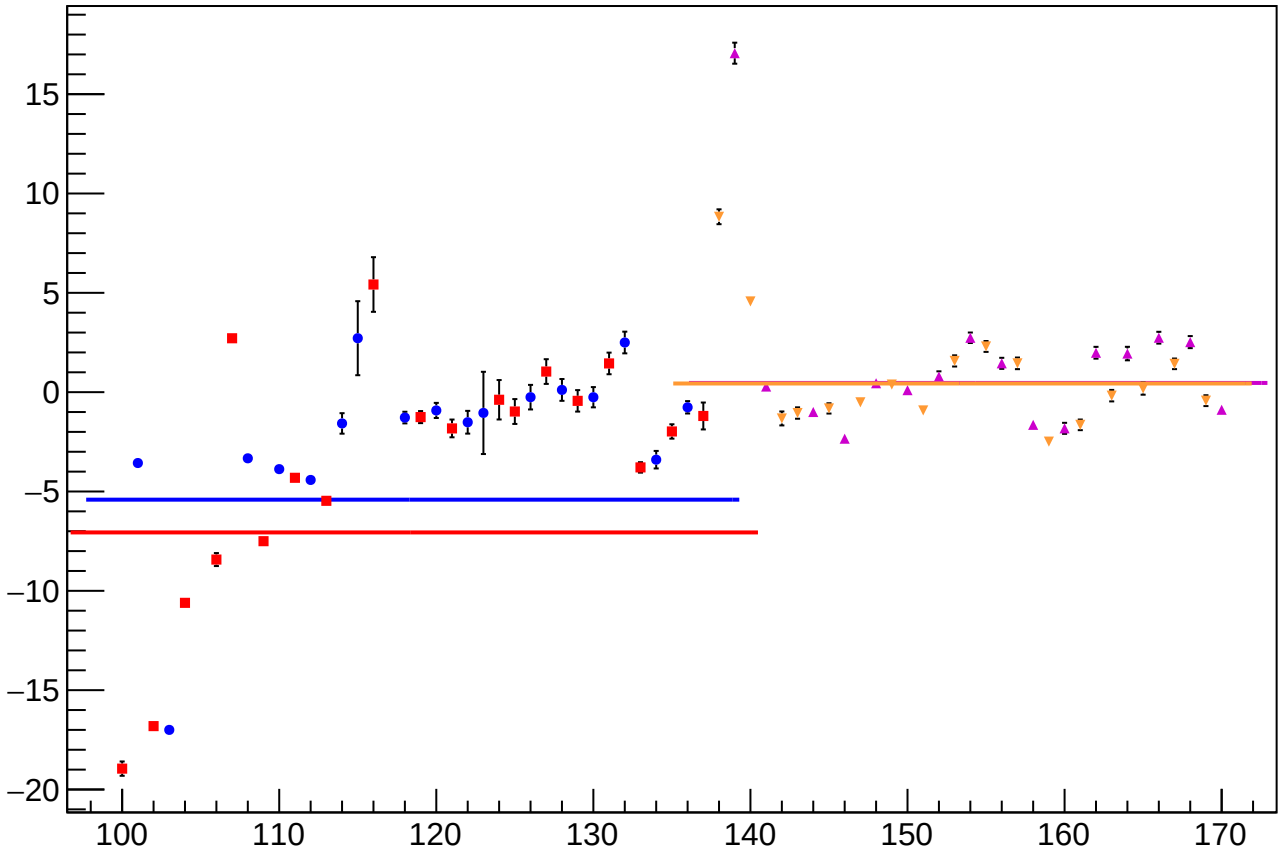
Left In: -3.984+/-0.088 χ^2/NDF:1980.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.089+/-0.063 χ^2/NDF: 3691.0/32

- 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: 0.436+/-0.064 χ^2/NDF:1244.4/16

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

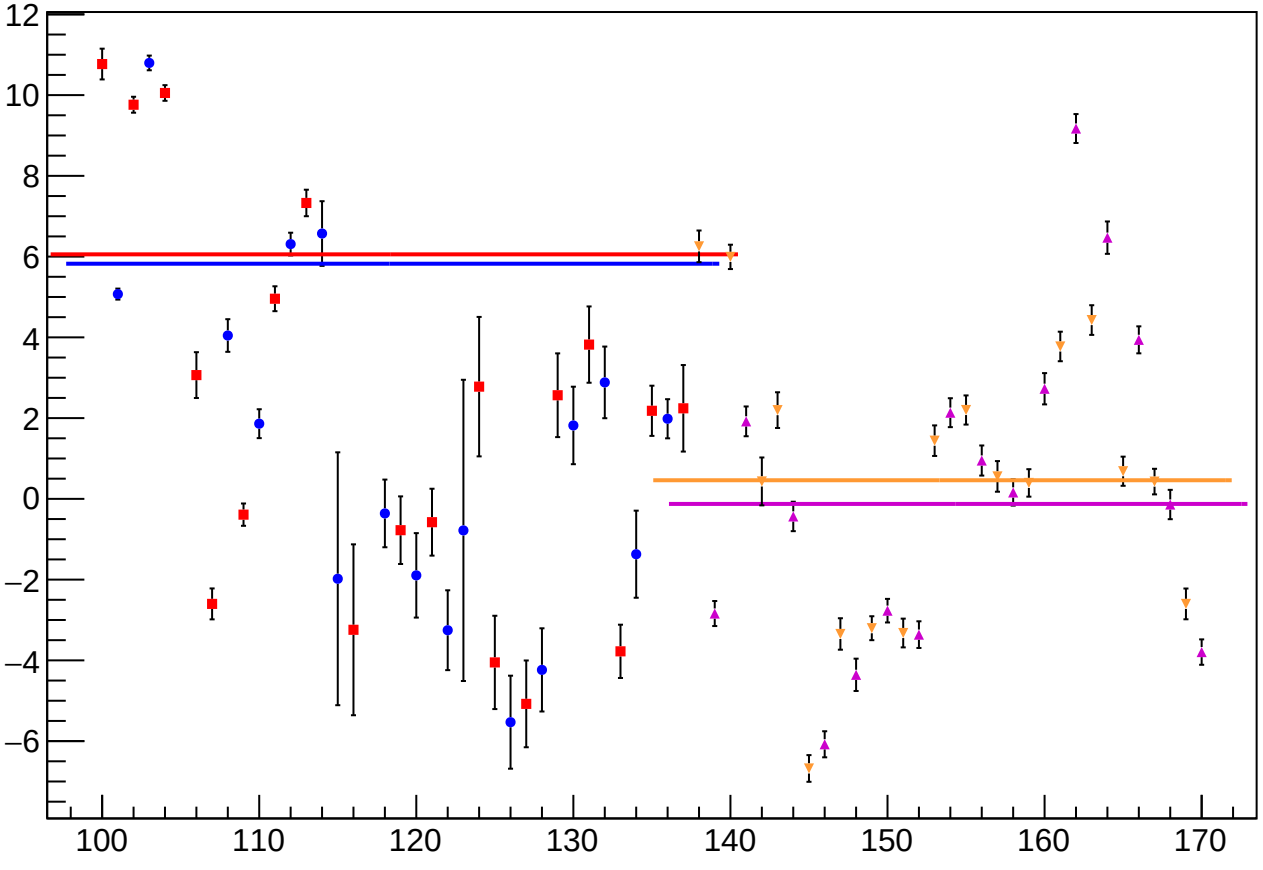
Left In: 0.464+/-0.065 χ^2/NDF:1611.2/15

+ sign -2.929+/-0.042 χ^2/NDF: 15349.8/33

All: -3.279+/-0.030 χ^2/NDF: 36763.7/68

- sign -3.668+/-0.044 χ^2/NDF: 21264.0/34

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 0.461+/-0.088 χ^2/NDF:1691.5/16

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

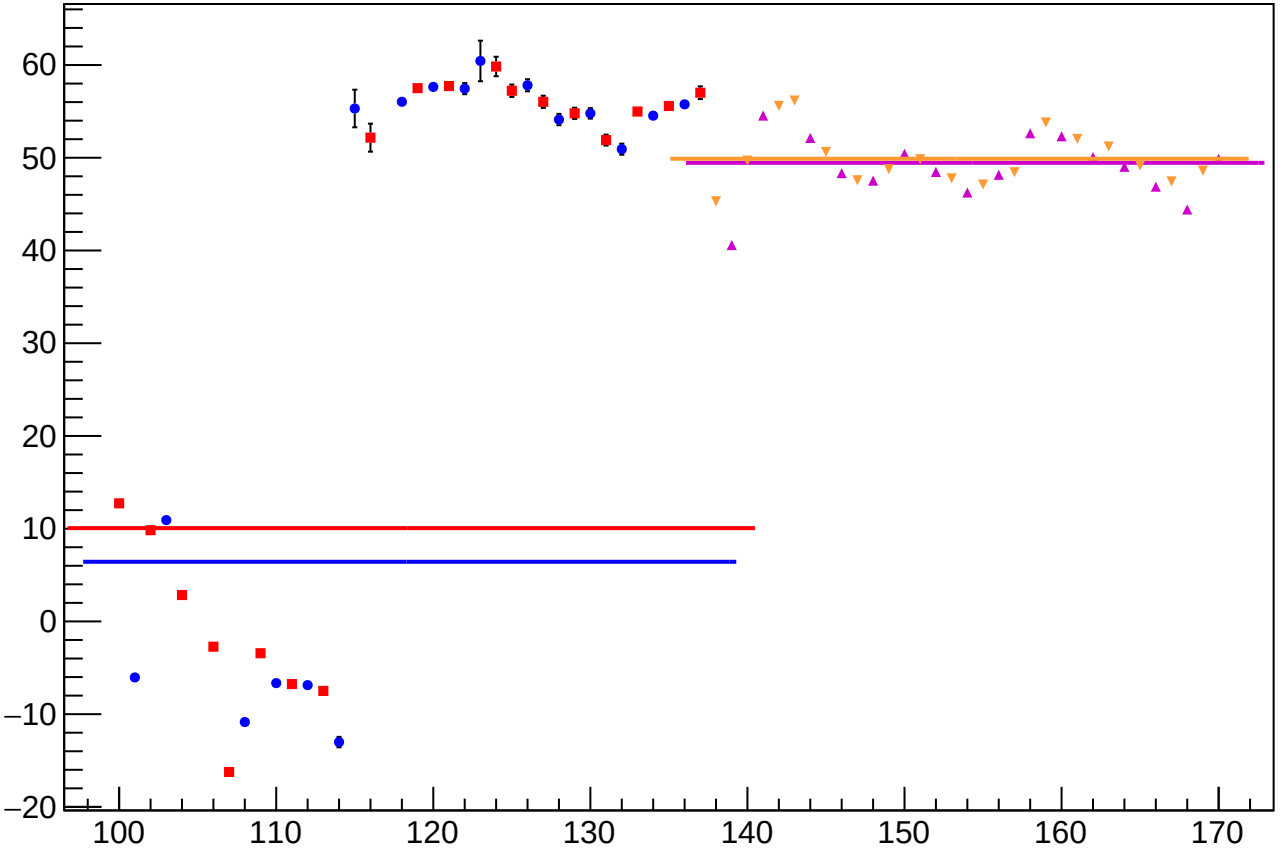
Left In: -0.126+/-0.086 χ^2/NDF:2069.4/15

+ sign 3.085+/-0.063 χ^2/NDF: 4974.6/33

All: 2.910+/-0.045 χ^2/NDF: 12089.5/68

- sign 2.730+/-0.063 χ^2/NDF: 7099.1/34

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 49.893+/-0.074 χ^2/NDF:1254.8/16

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

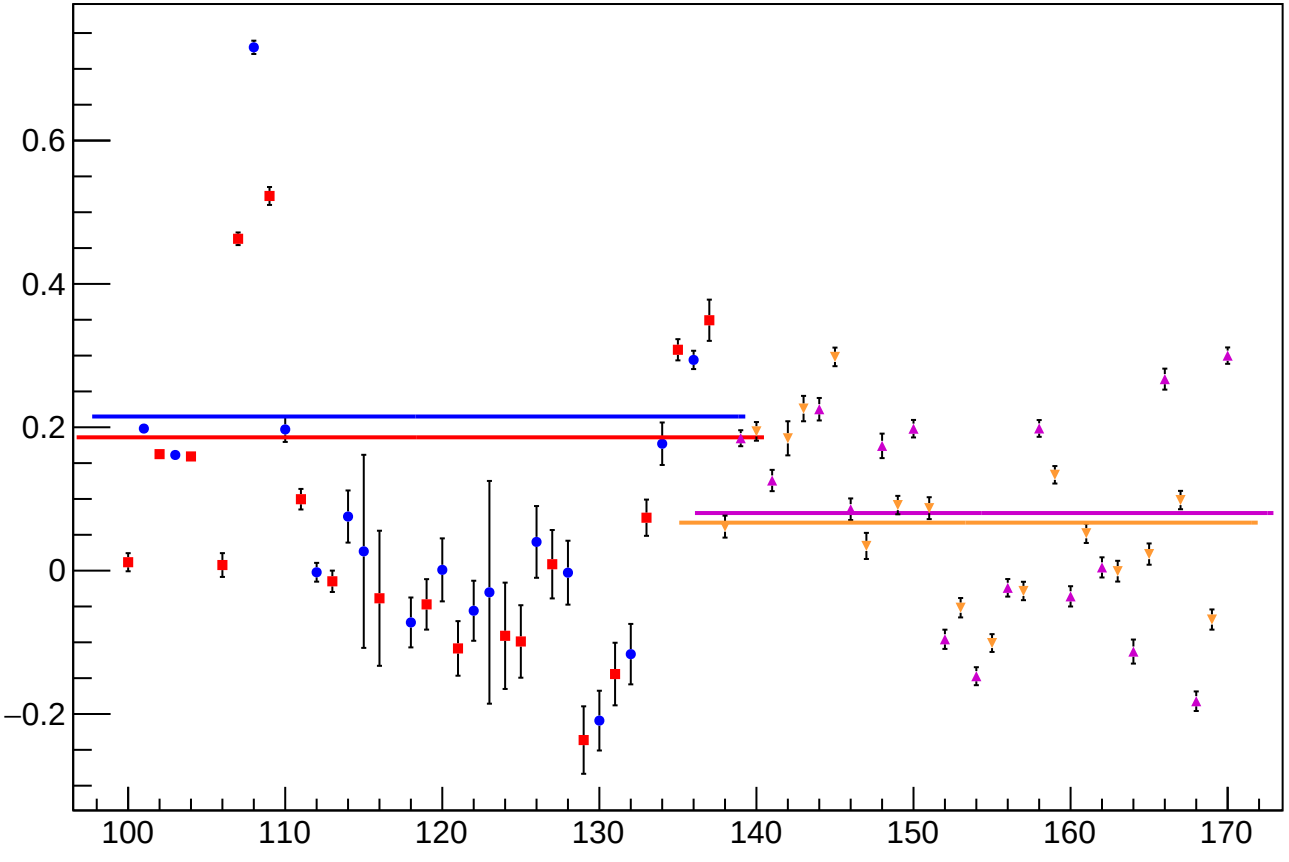
Left In: 49.452+/-0.075 χ^2/NDF:1416.2/15

+ sign 25.299+/-0.049 χ^2/NDF: 320625.3/33

All: 26.769+/-0.035 χ^2/NDF: 594170.8/68

- sign 28.383+/-0.051 χ^2/NDF: 271631.4/34

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.067+/-0.003 χ^2/NDF:1002.7/16

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

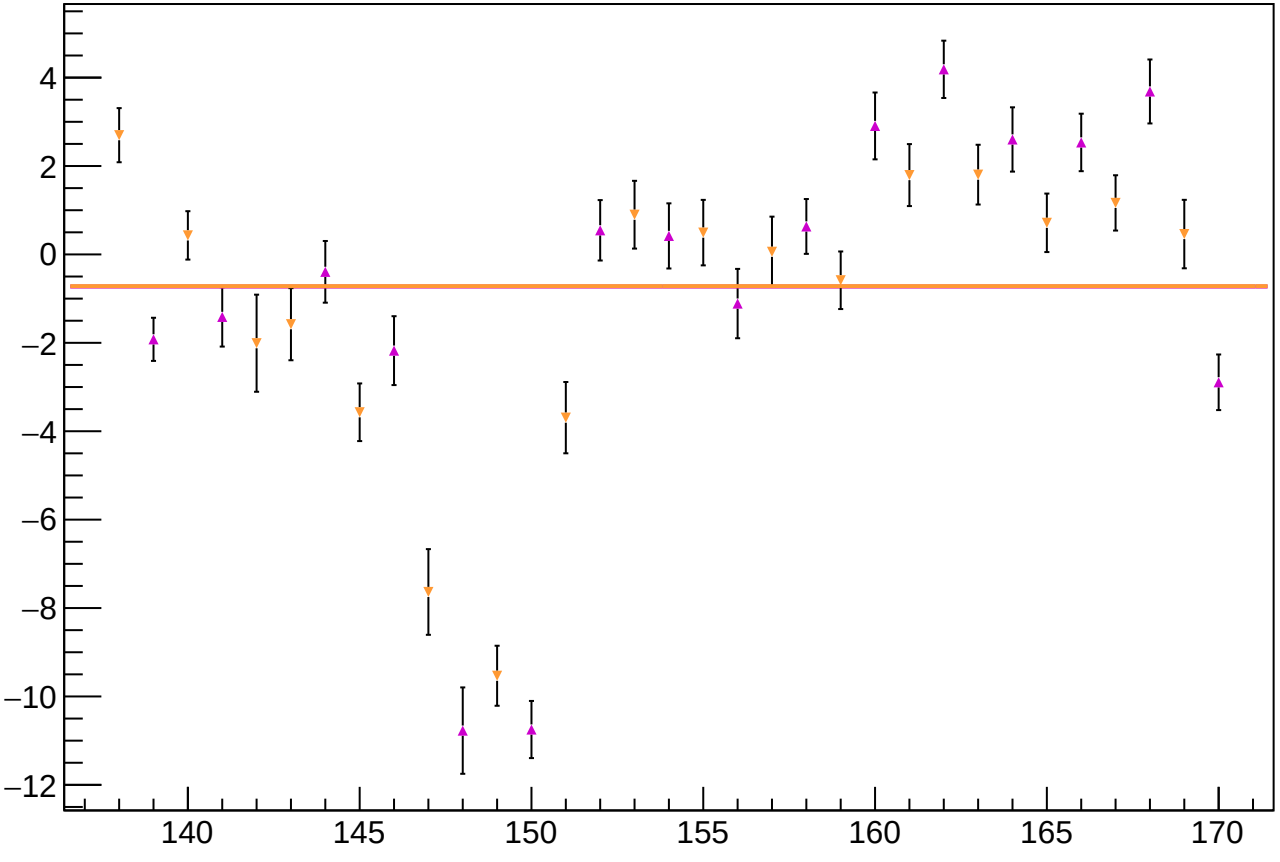
Left In: 0.080+/-0.003 χ^2/NDF:2112.1/15

+ sign 0.157+/-0.002 χ^2/NDF: 6061.8/33

All: 0.151+/-0.002 χ^2/NDF: 11511.3/68

- sign 0.145+/-0.002 χ^2/NDF: 5434.2/34

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.718+/-0.172 χ^2/NDF:341.2/16

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

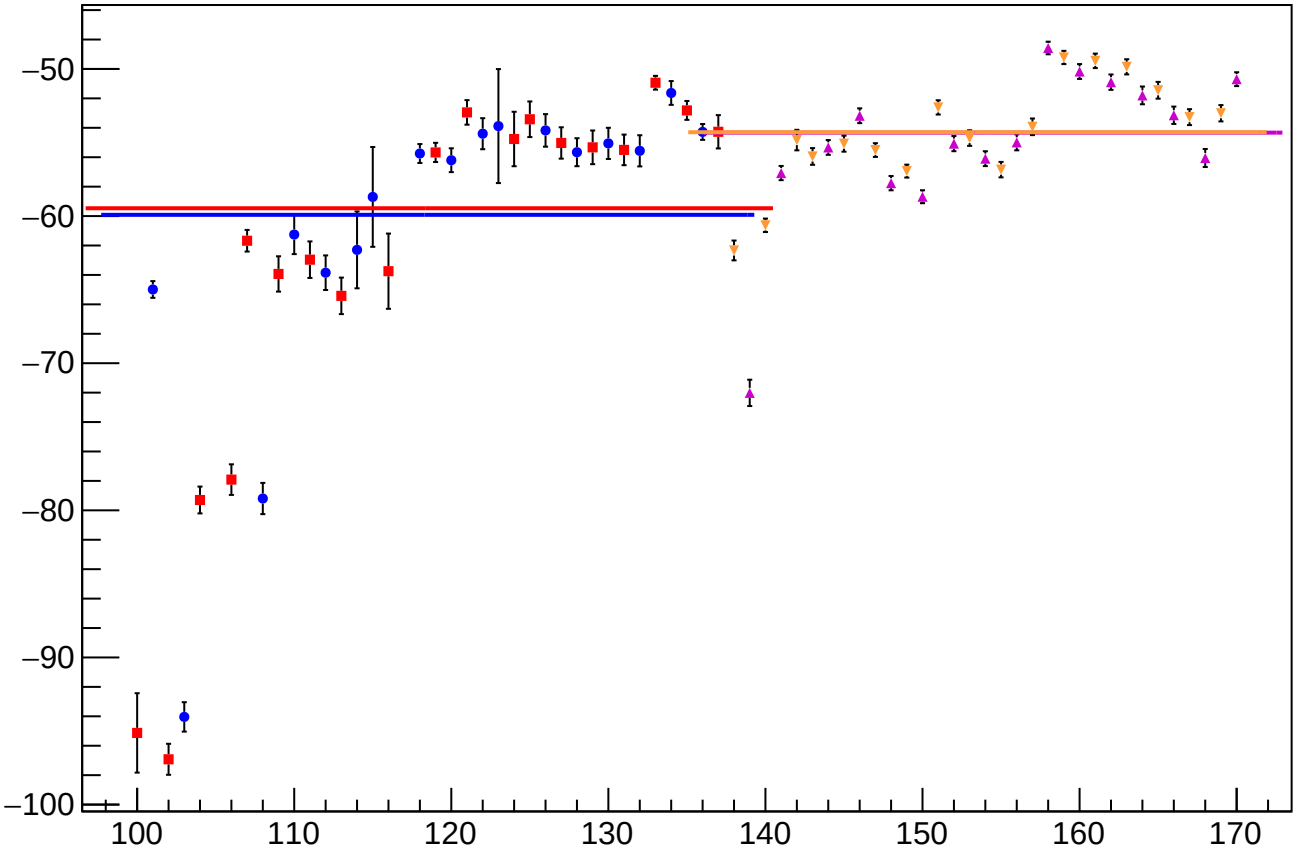
Left In: -0.727+/-0.170 χ^2/NDF:543.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.722+/-0.121 χ^2/NDF: 884.5/32

- 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: -54.300+/-0.127 χ^2/NDF:757.4/16

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

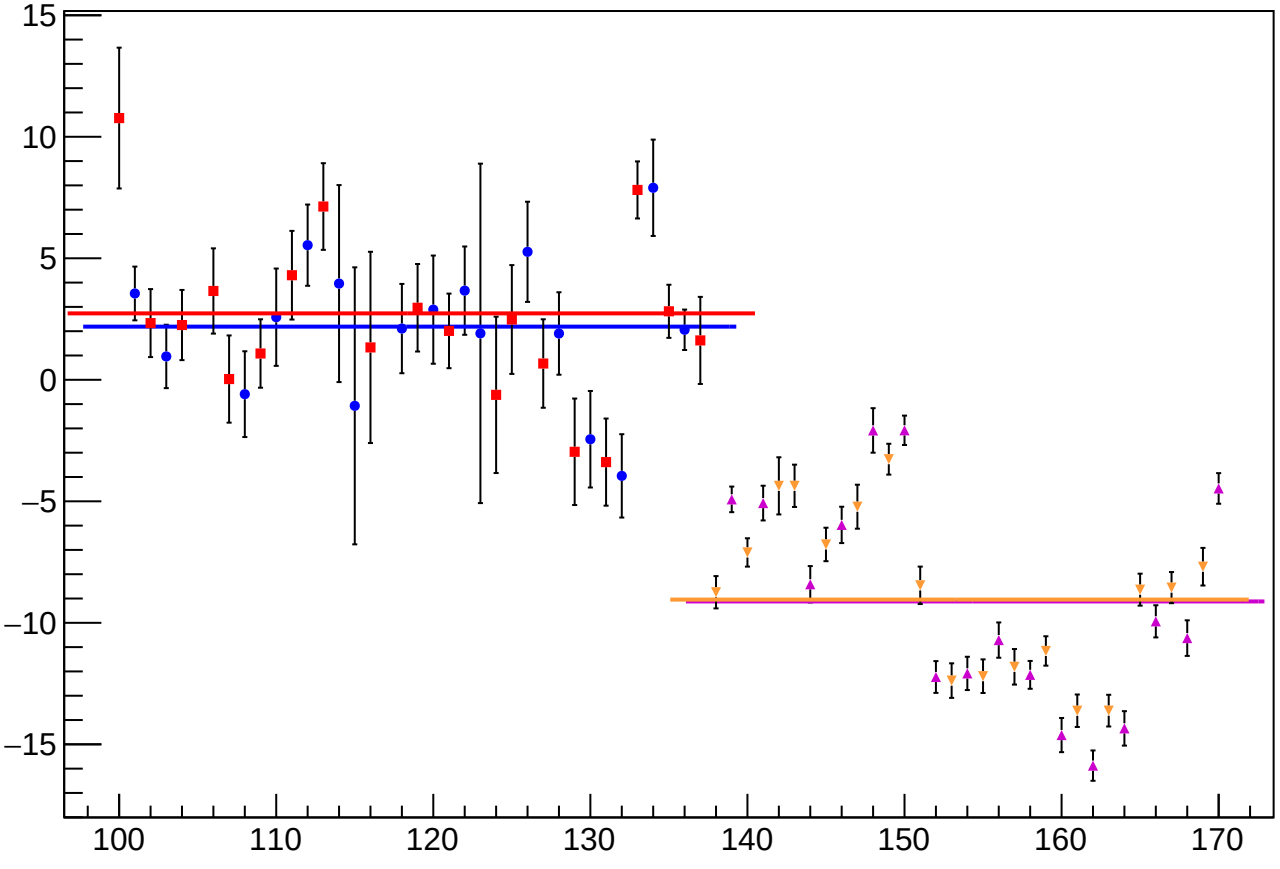
Left In: -54.328+/-0.129 χ^2/NDF:975.9/15

+ sign -55.668+/-0.110 χ^2/NDF: 3216.4/33

All: -55.695+/-0.078 χ^2/NDF: 7533.1/68

- sign -55.722+/-0.110 χ^2/NDF: 4316.7/34

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -9.044+/-0.170 χ^2/NDF:337.3/16

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

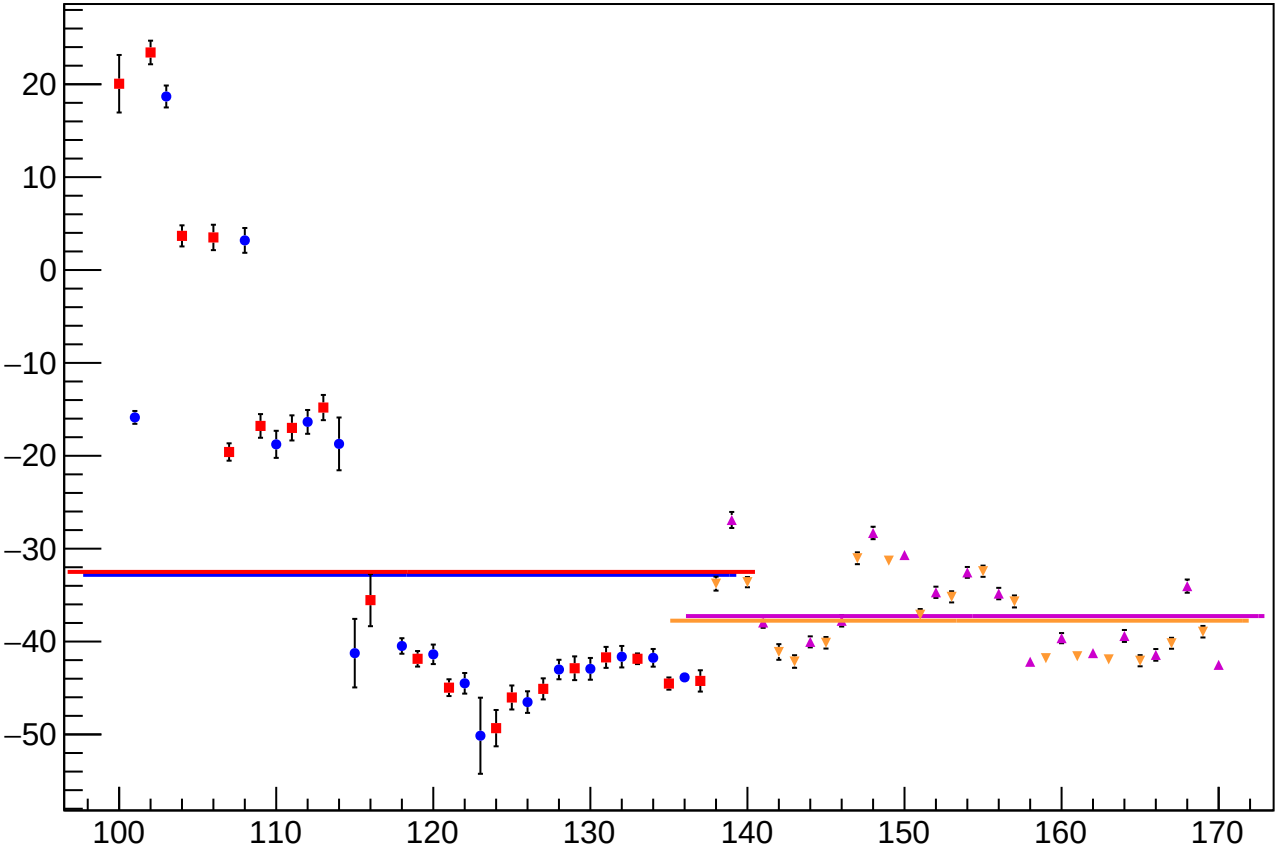
Left In: -9.120+/-0.167 χ^2/NDF:675.6/15

+ sign -7.348+/-0.157 χ^2/NDF: 1032.4/33

All: -7.303+/-0.110 χ^2/NDF: 2555.3/68

- sign -7.259+/-0.154 χ^2/NDF: 1522.8/34

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -37.753+/-0.145 χ^2/NDF:783.0/16

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

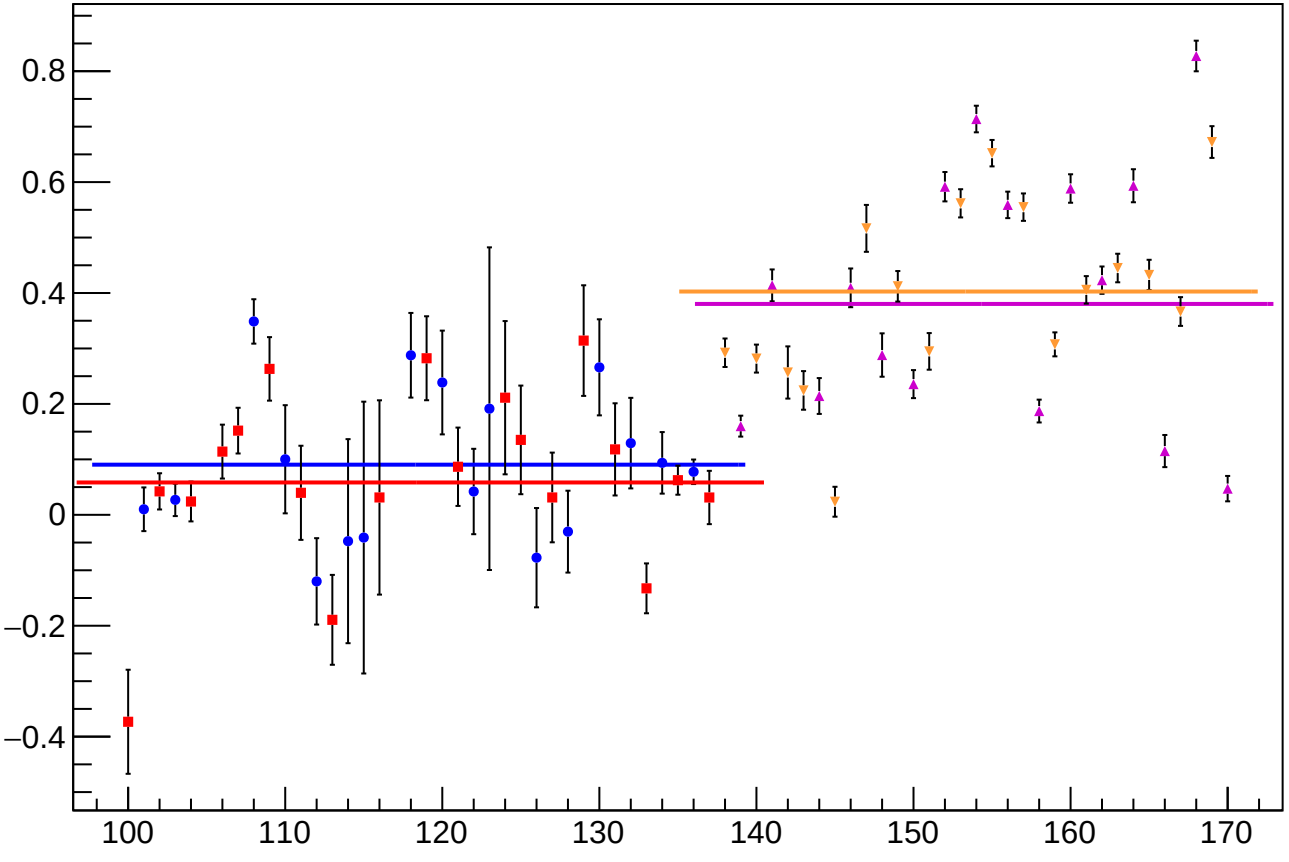
Left In: -37.258+/-0.147 χ^2/NDF:983.9/15

+ sign -36.540+/-0.126 χ^2/NDF: 5734.5/33

All: -36.267+/-0.089 χ^2/NDF: 13044.9/68

- sign -35.996+/-0.126 χ^2/NDF: 7301.1/34

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.403+/-0.007 χ^2/NDF:593.4/16

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

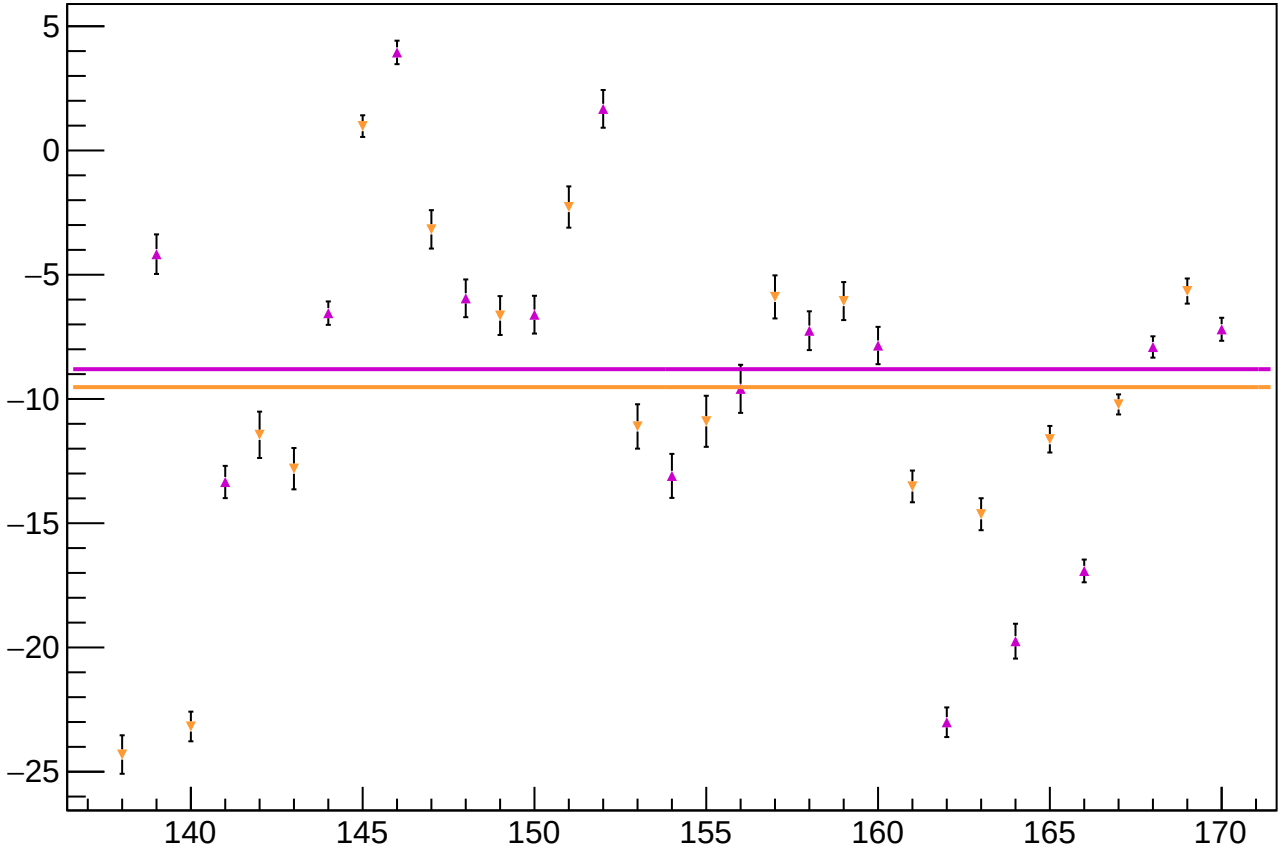
Left In: 0.380+/-0.006 χ^2/NDF:1281.4/15

+ sign 0.336+/-0.006 χ^2/NDF: 1146.8/33

All: 0.322+/-0.004 χ^2/NDF: 3074.1/68

- sign 0.309+/-0.006 χ^2/NDF: 1916.6/34

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.523+/-0.157 χ^2/NDF:1867.5/16

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

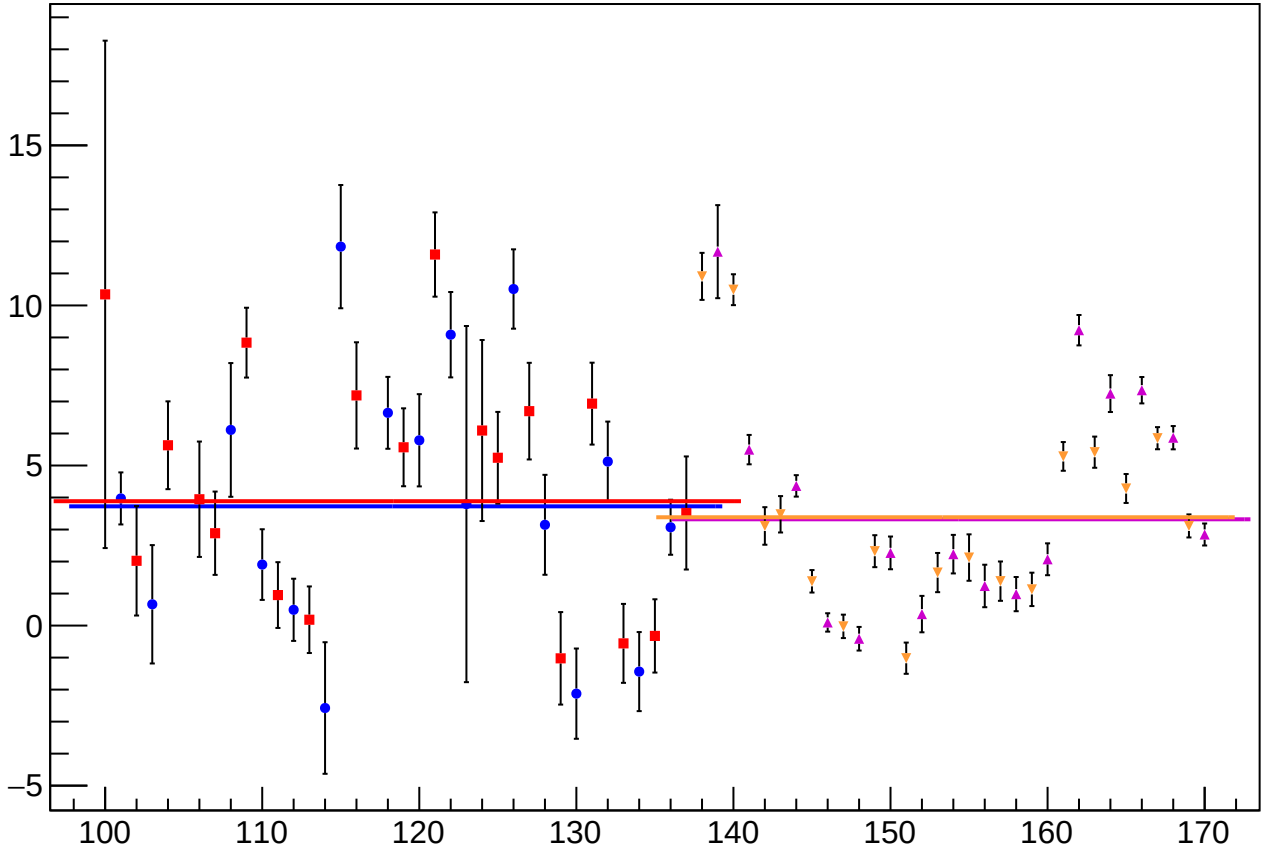
Left In: -8.801+/-0.151 χ^2/NDF:2217.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.150+/-0.109 χ^2/NDF: 4095.7/32

- 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: 3.383+/-0.114 χ^2/NDF:658.6/16

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

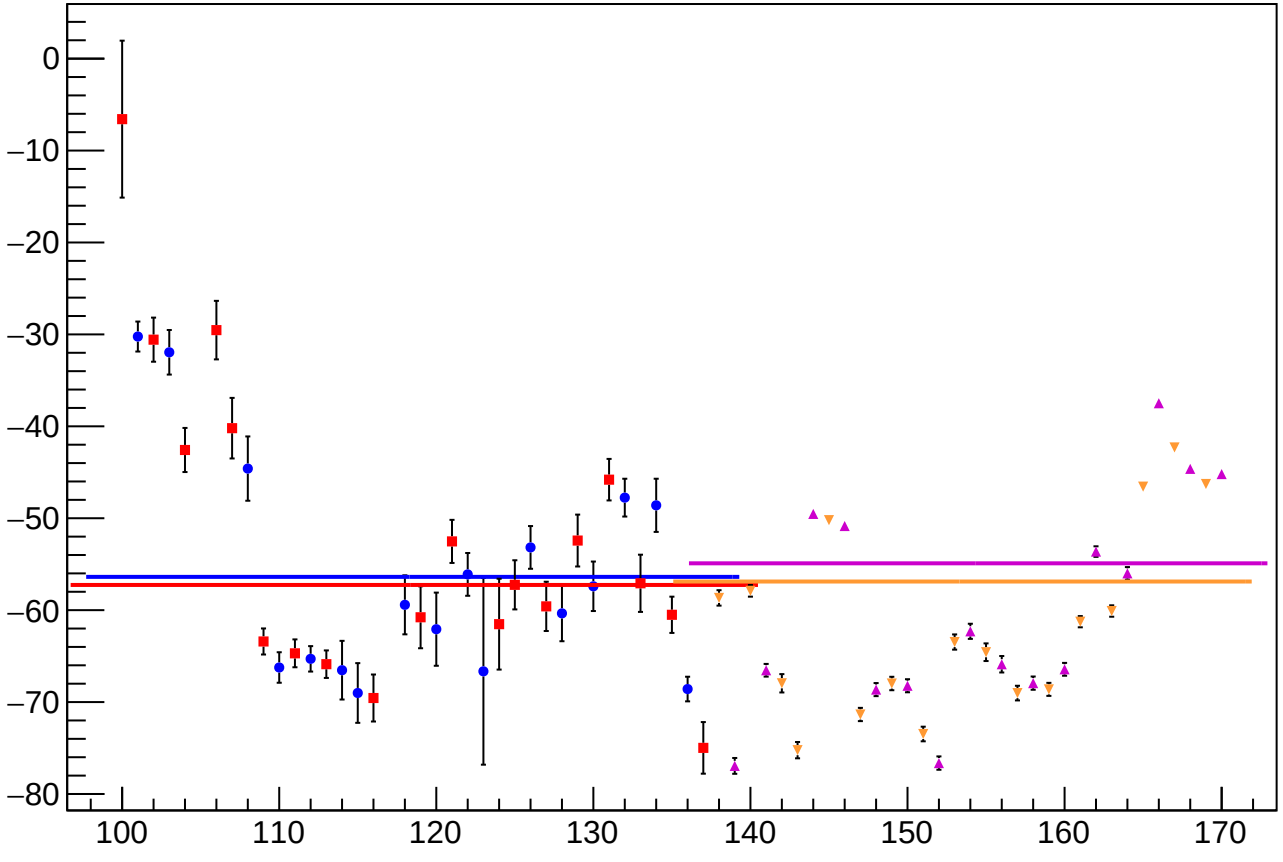
Left In: 3.320+/-0.110 χ^2/NDF:711.4/15

+ sign 3.424+/-0.107 χ^2/NDF: 796.5/33

All: 3.402+/-0.075 χ^2/NDF: 1645.2/68

- sign 3.381+/-0.104 χ^2/NDF: 848.6/34

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -56.884+/-0.156 χ^2/NDF:4605.5/16

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

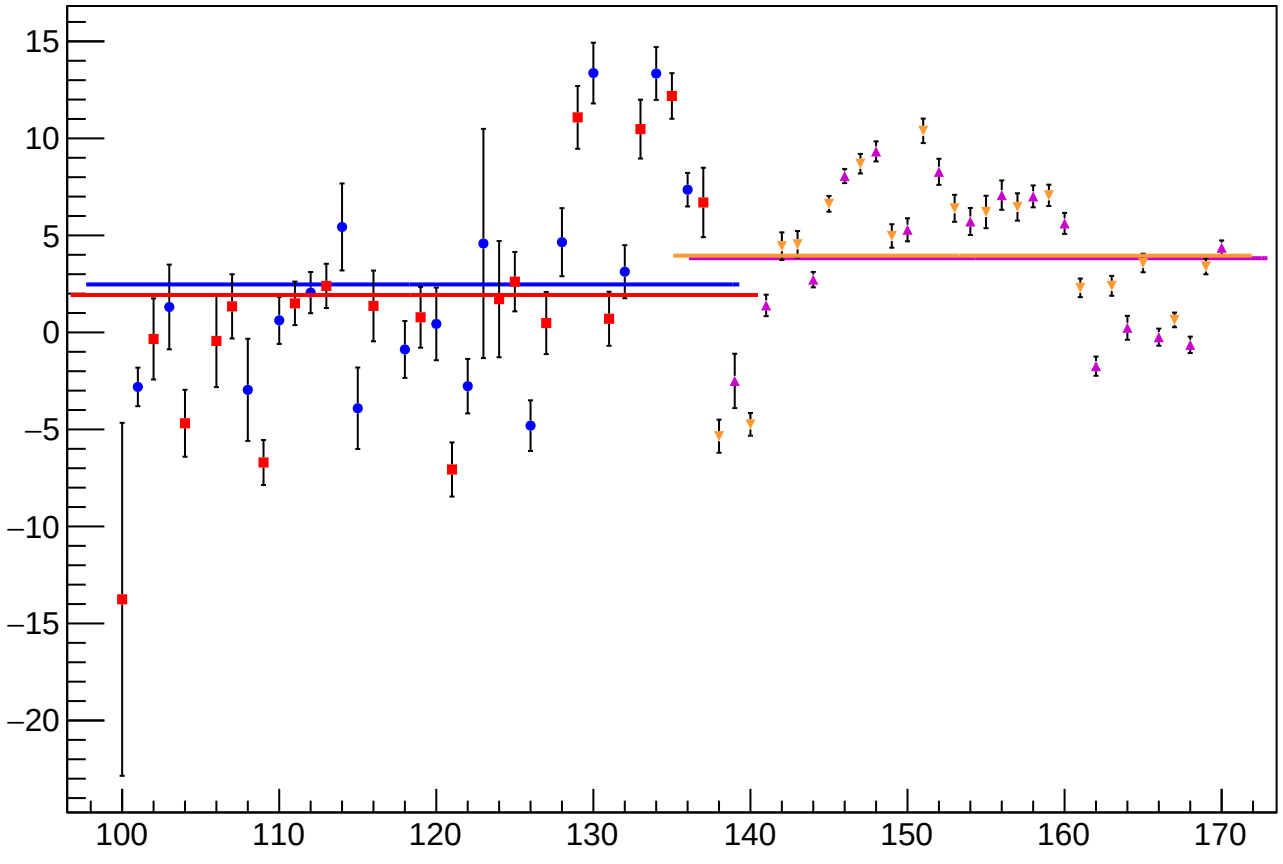
Left In: -54.904+/-0.150 χ^2/NDF:5982.4/15

+ sign -56.846+/-0.150 χ^2/NDF: 5193.7/33

All: -55.925+/-0.104 χ^2/NDF: 11742.2/68

- sign -55.075+/-0.144 χ^2/NDF: 6476.4/34

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 3.955+/-0.131 χ^2/NDF:744.4/16

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

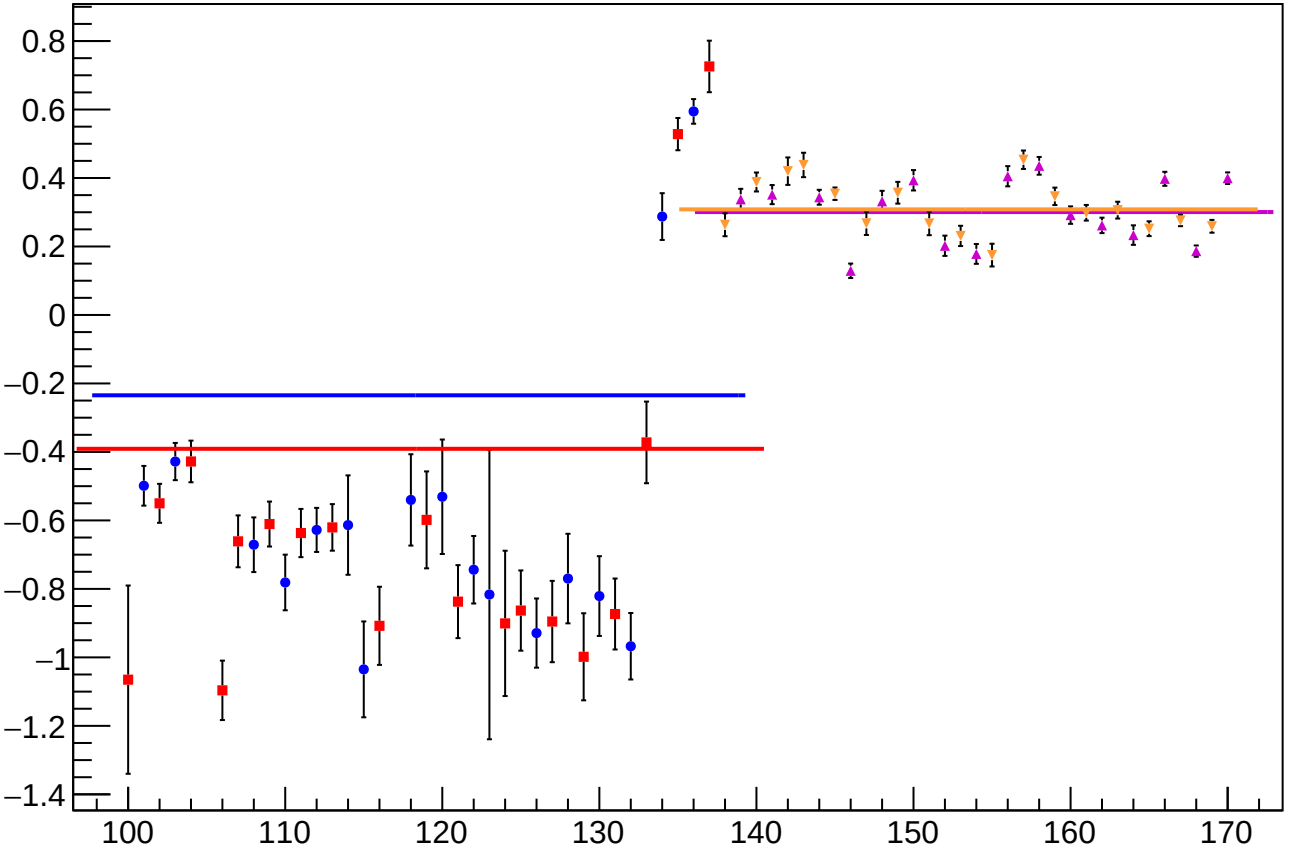
Left In: 3.824+/-0.128 χ^2/NDF:773.5/15

+ sign 3.768+/-0.123 χ^2/NDF: 1004.1/33

All: 3.686+/-0.086 χ^2/NDF: 2070.3/68

- sign 3.607+/-0.120 χ^2/NDF: 1065.4/34

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.308+/-0.006 χ^2/NDF:114.7/16

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

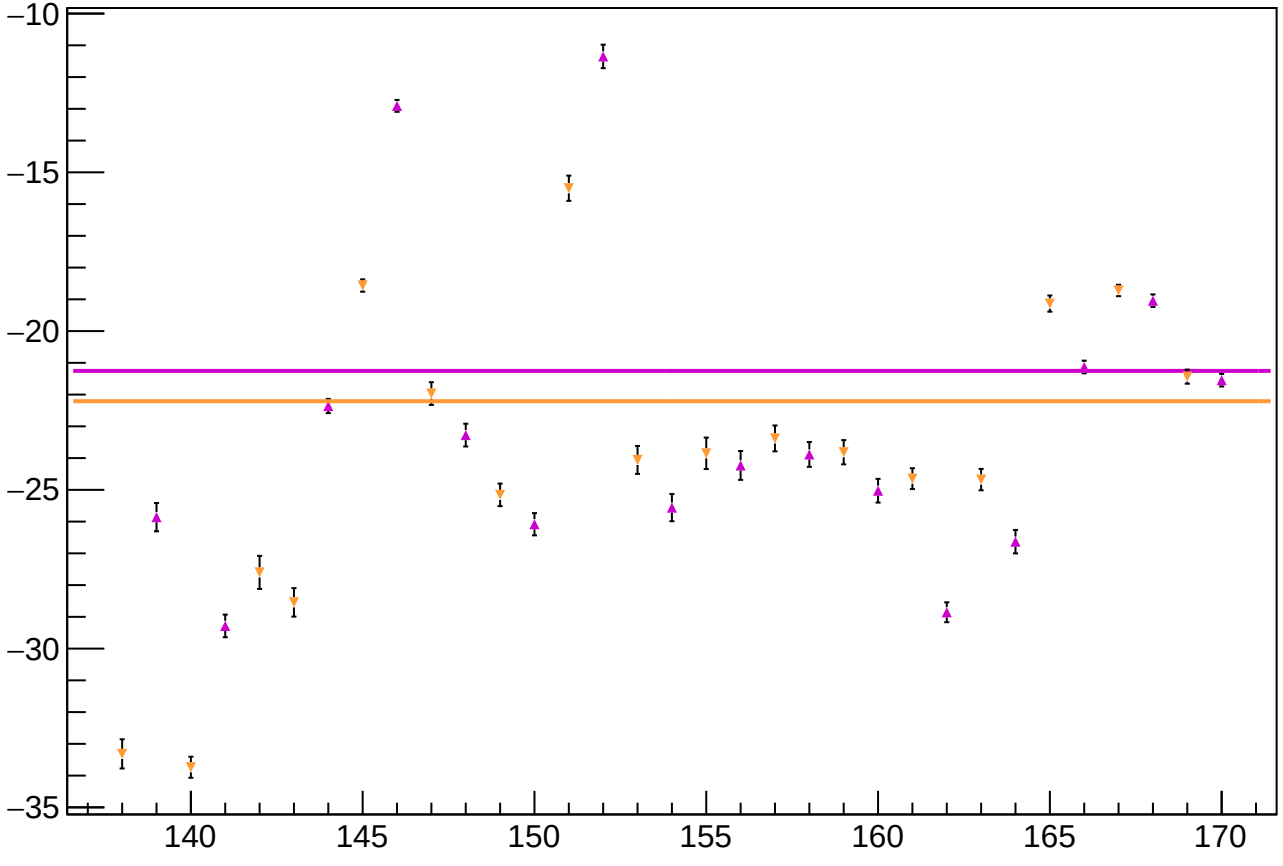
Left In: 0.301+/-0.006 χ^2/NDF:266.9/15

+ sign 0.256+/-0.006 χ^2/NDF: 1821.5/33

All: 0.247+/-0.004 χ^2/NDF: 4157.2/68

- sign 0.238+/-0.006 χ^2/NDF: 2330.9/34

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -22.208+/-0.075 χ^2/NDF:3494.3/16

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

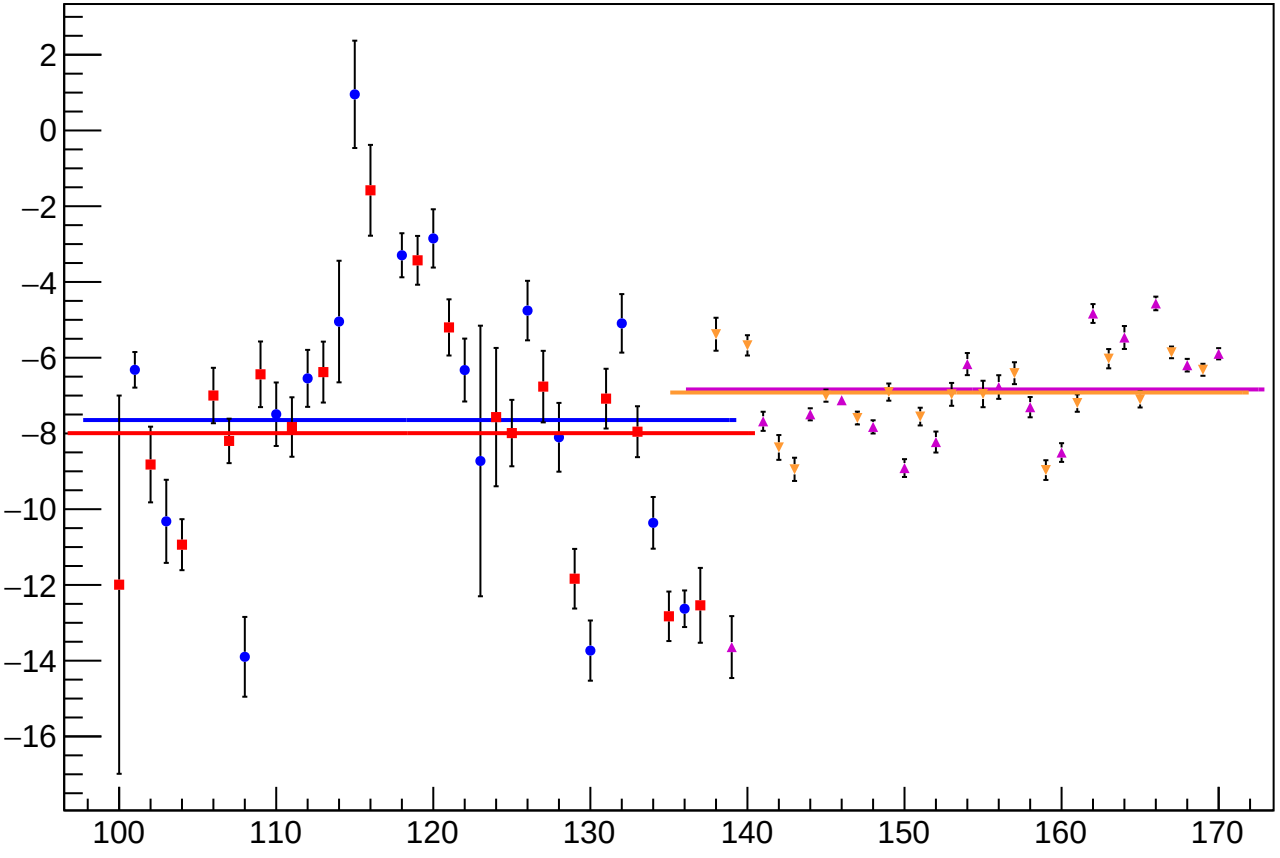
Left In: -21.254+/-0.070 χ^2/NDF:4781.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.700+/-0.051 χ^2/NDF: 8361.4/32

- 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: -6.919+/-0.055 χ^2/NDF:262.0/16

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

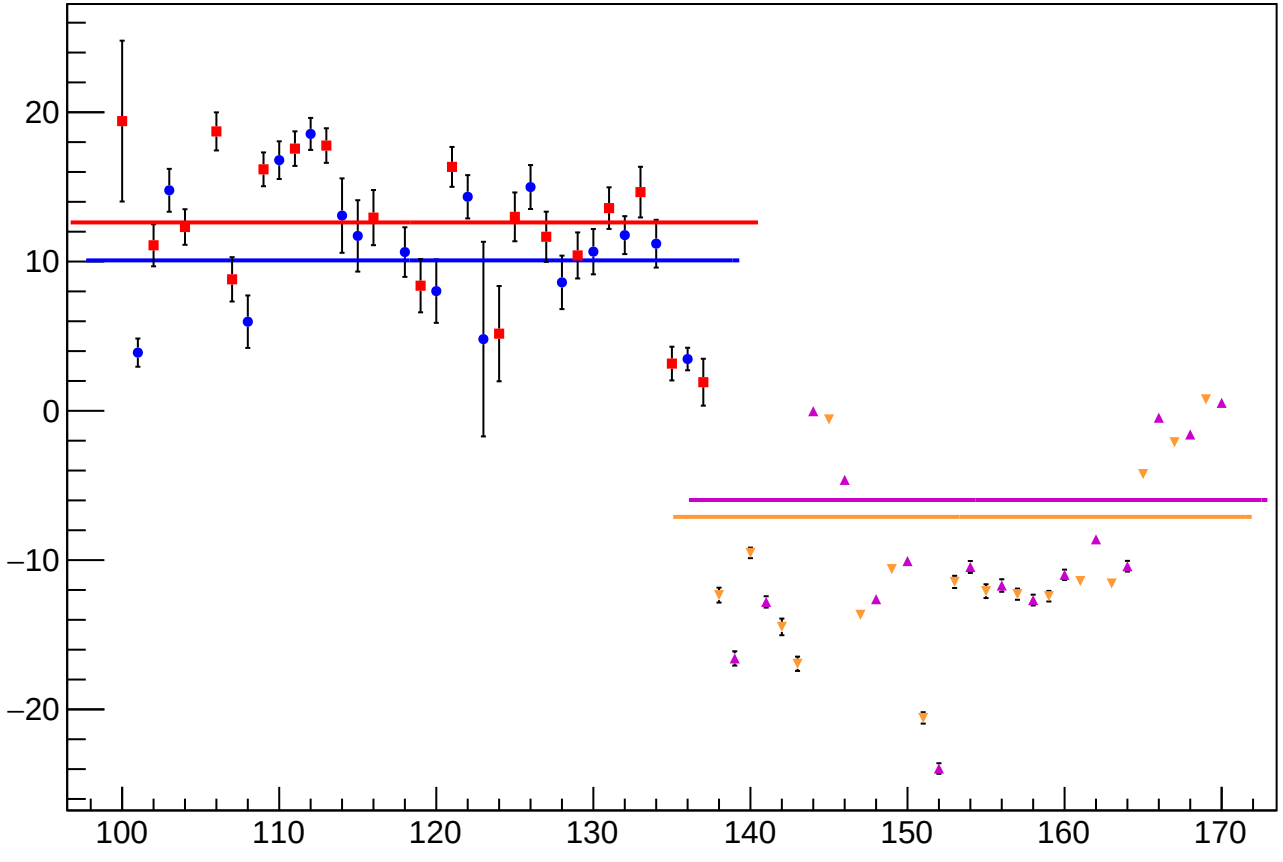
Left In: -6.838+/-0.051 χ^2/NDF:591.9/15

+ sign -6.977+/-0.052 χ^2/NDF: 669.7/33

All: -6.946+/-0.036 χ^2/NDF: 1523.7/68

- sign -6.919+/-0.049 χ^2/NDF: 853.3/34

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -7.103+/-0.075 χ^2/NDF:6652.4/16

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

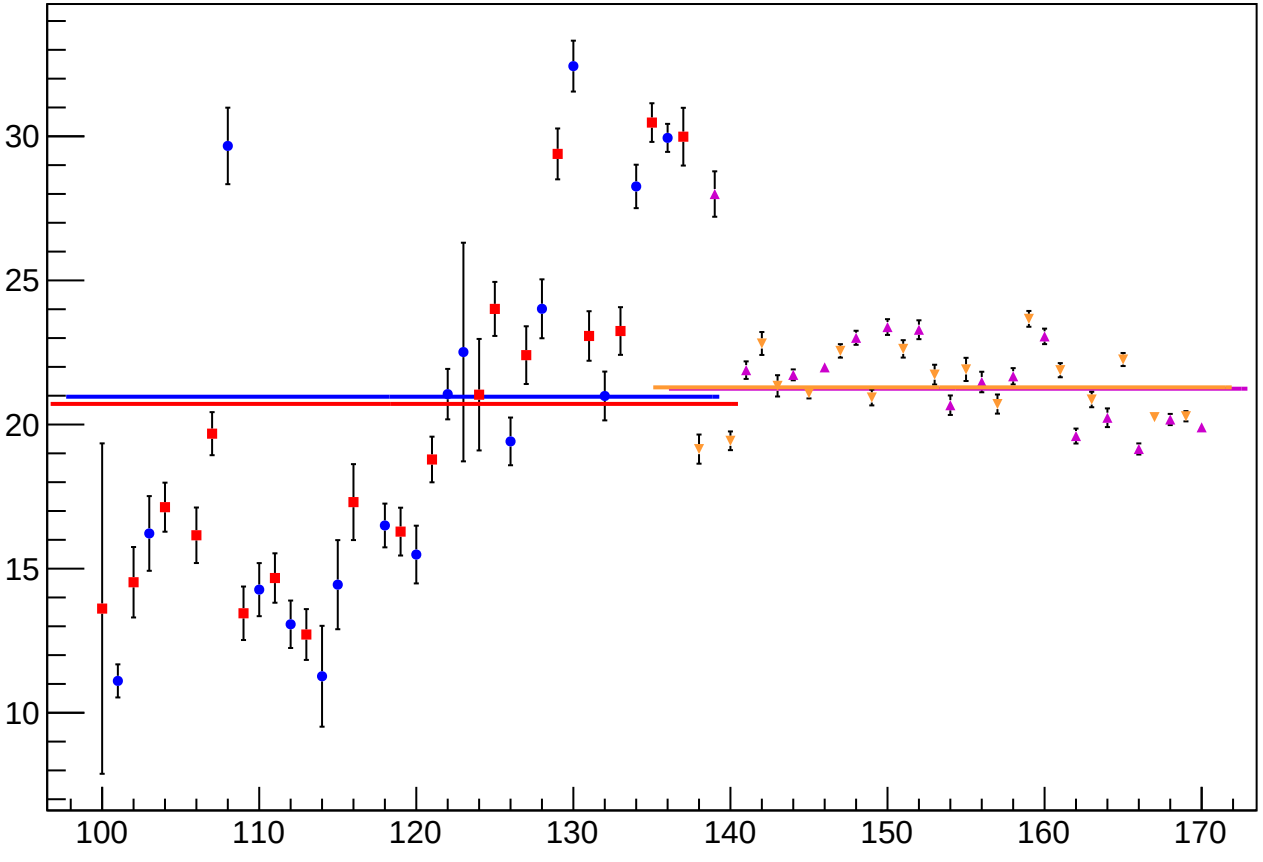
Left In: -5.974+/-0.070 χ^2/NDF:7979.0/15

+ sign -6.296+/-0.073 χ^2/NDF: 9385.4/33

All: -5.706+/-0.050 χ^2/NDF: 20703.3/68

- sign -5.193+/-0.068 χ^2/NDF: 11195.8/34

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 21.290+/-0.063 χ^2/NDF:294.5/16

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

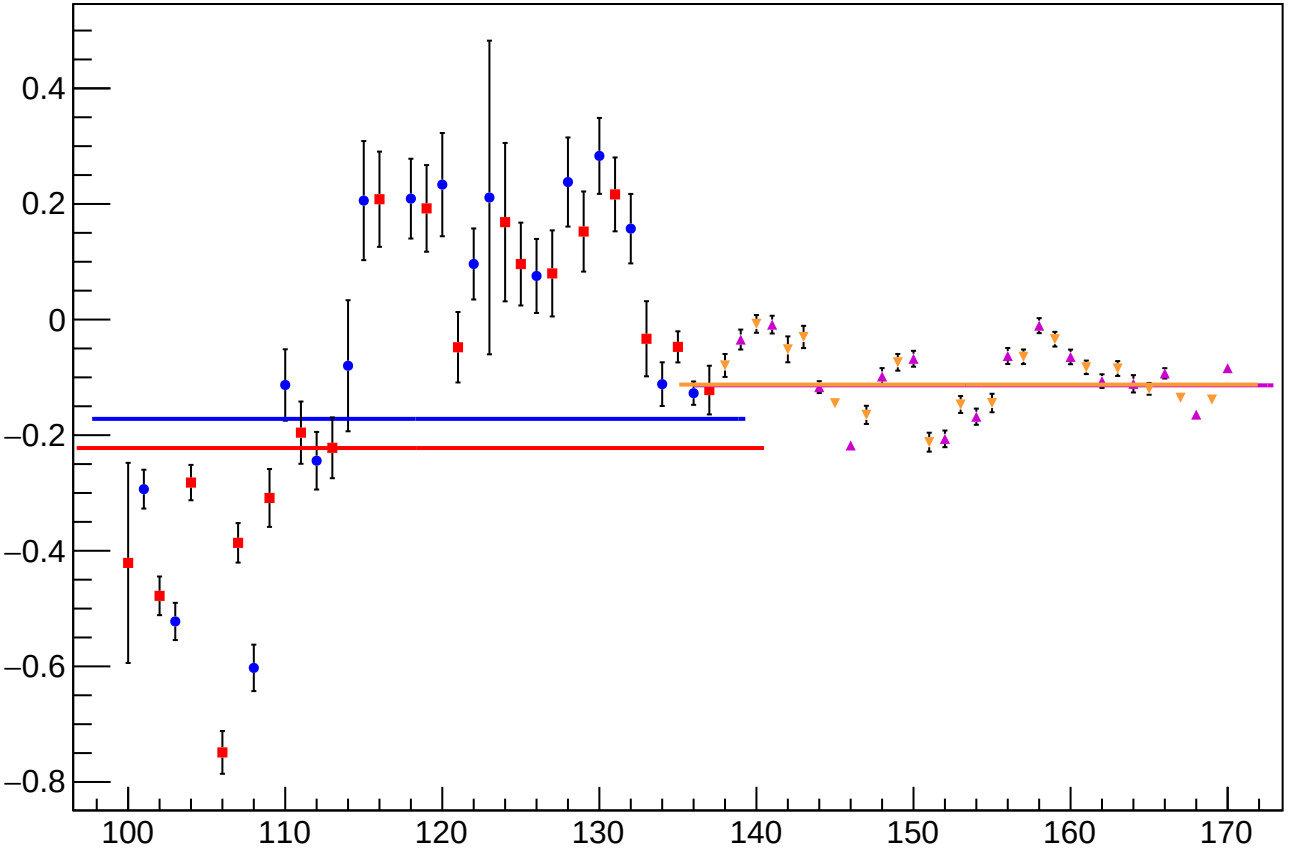
Left In: 21.243+/-0.059 χ^2/NDF:580.2/15

+ sign 21.263+/-0.060 χ^2/NDF: 1522.2/33

All: 21.232+/-0.041 χ^2/NDF: 2838.5/68

- sign 21.205+/-0.057 χ^2/NDF: 1315.9/34

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.112+/-0.003 χ^2/NDF:239.3/16

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

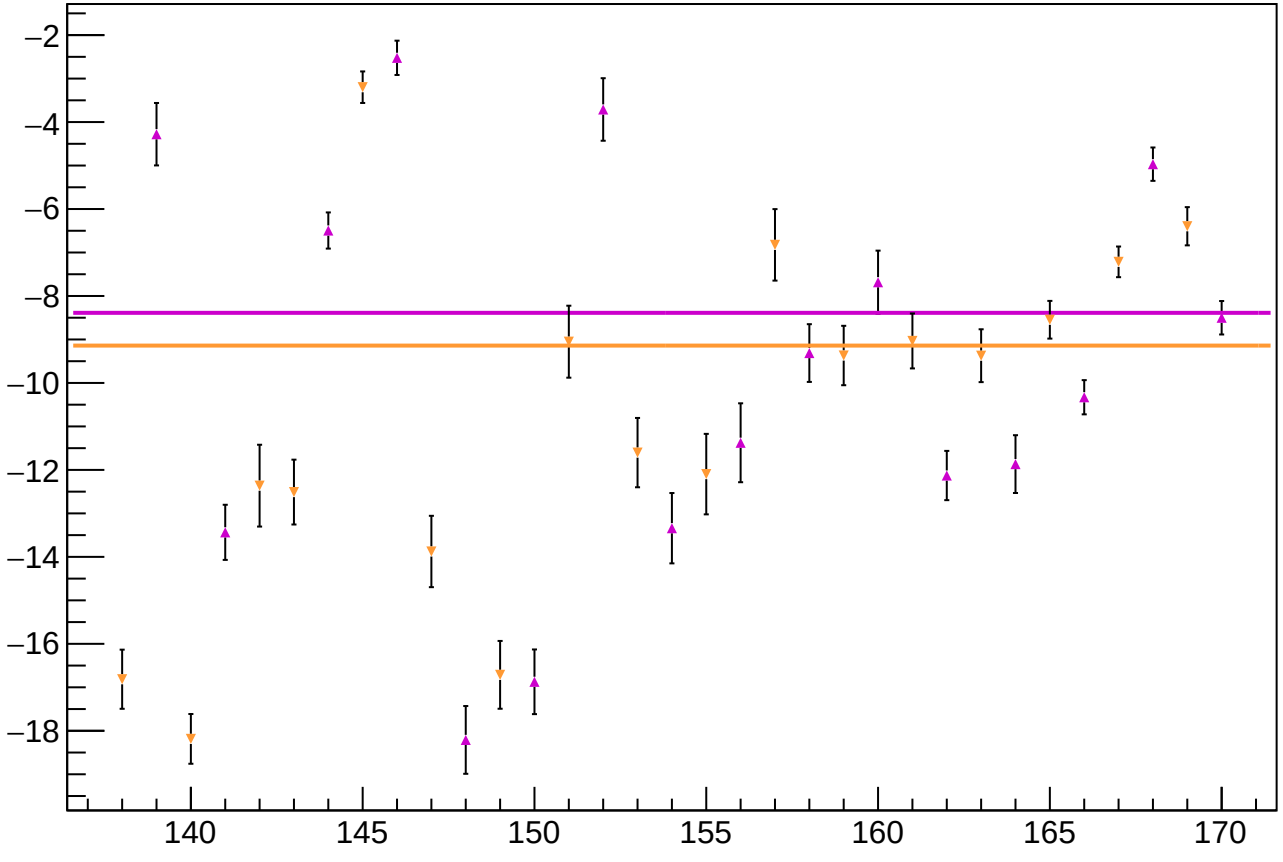
Left In: -0.114+/-0.003 χ^2/NDF:447.2/15

+ sign -0.116+/-0.003 χ^2/NDF: 729.8/33

All: -0.118+/-0.002 χ^2/NDF: 1806.5/68

- sign -0.120+/-0.003 χ^2/NDF: 1075.6/34

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.141+/-0.141 χ^2/NDF:904.2/16

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

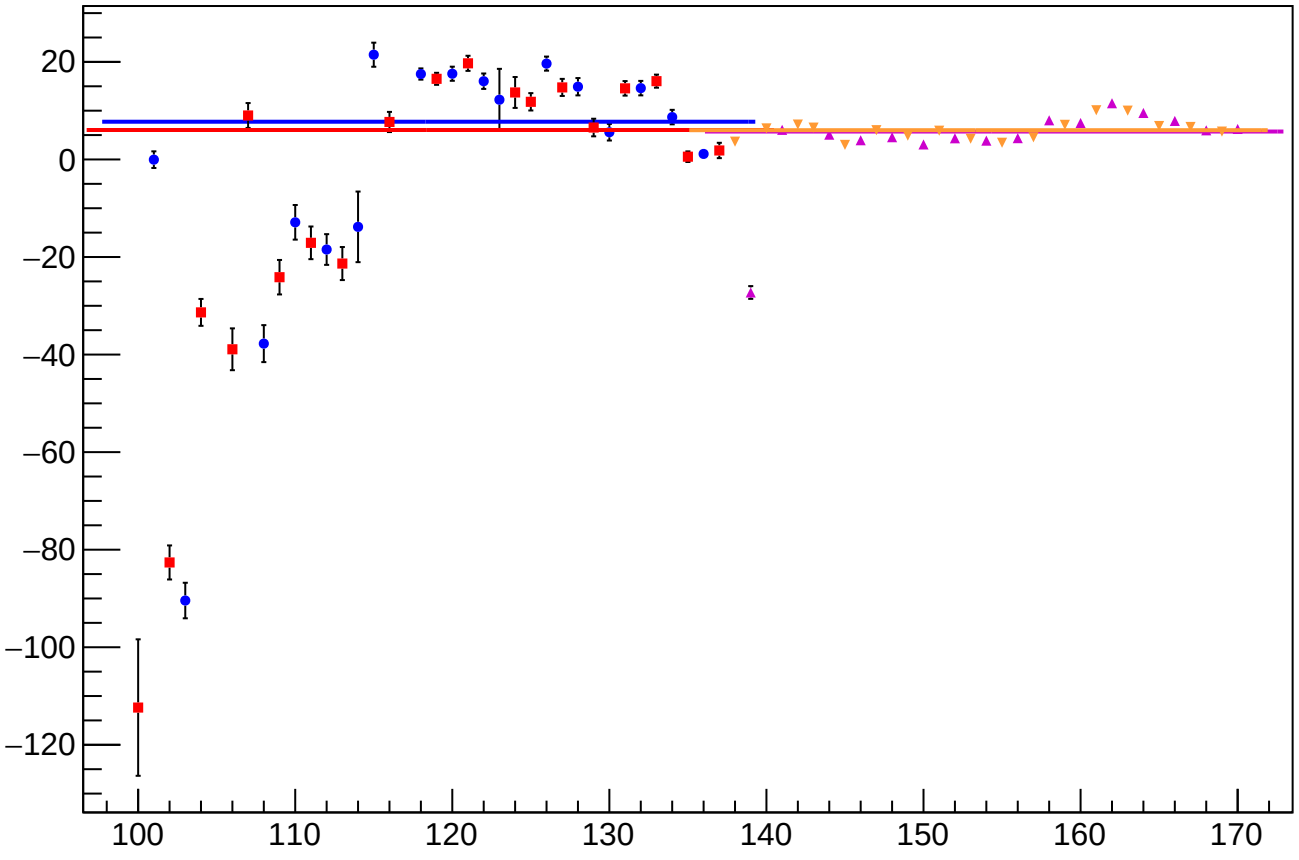
Left In: -8.388+/-0.136 χ^2/NDF:895.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.750+/-0.098 χ^2/NDF: 1814.4/32

- 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: 5.998+/-0.104 χ^2/NDF:343.1/16

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

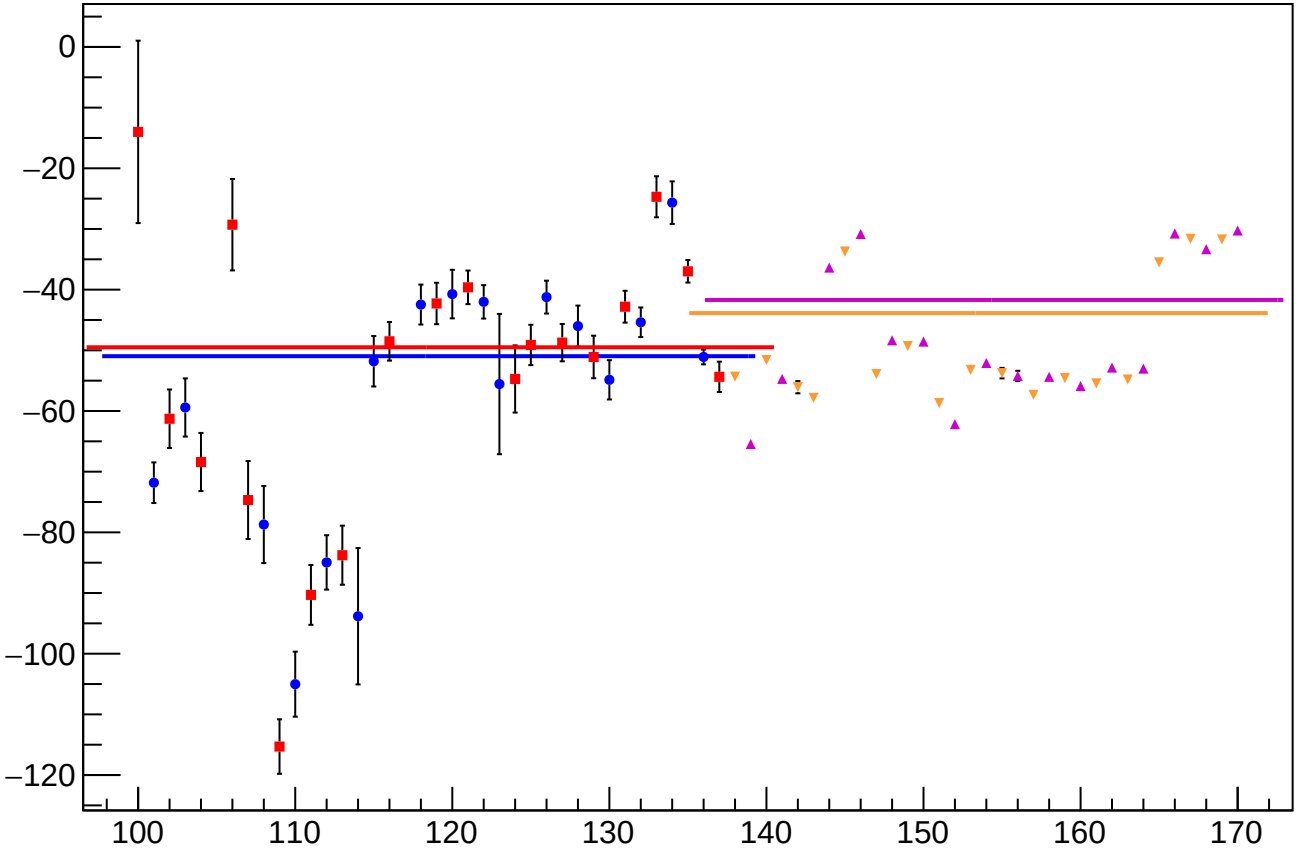
Left In: 5.725+/-0.100 χ^2/NDF:1047.5/15

+ sign 6.106+/-0.101 χ^2/NDF: 1719.0/33

All: 5.917+/-0.070 χ^2/NDF: 4286.0/68

- sign 5.741+/-0.097 χ^2/NDF: 2560.2/34

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -43.859+/-0.141 χ^2/NDF:5984.1/16

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

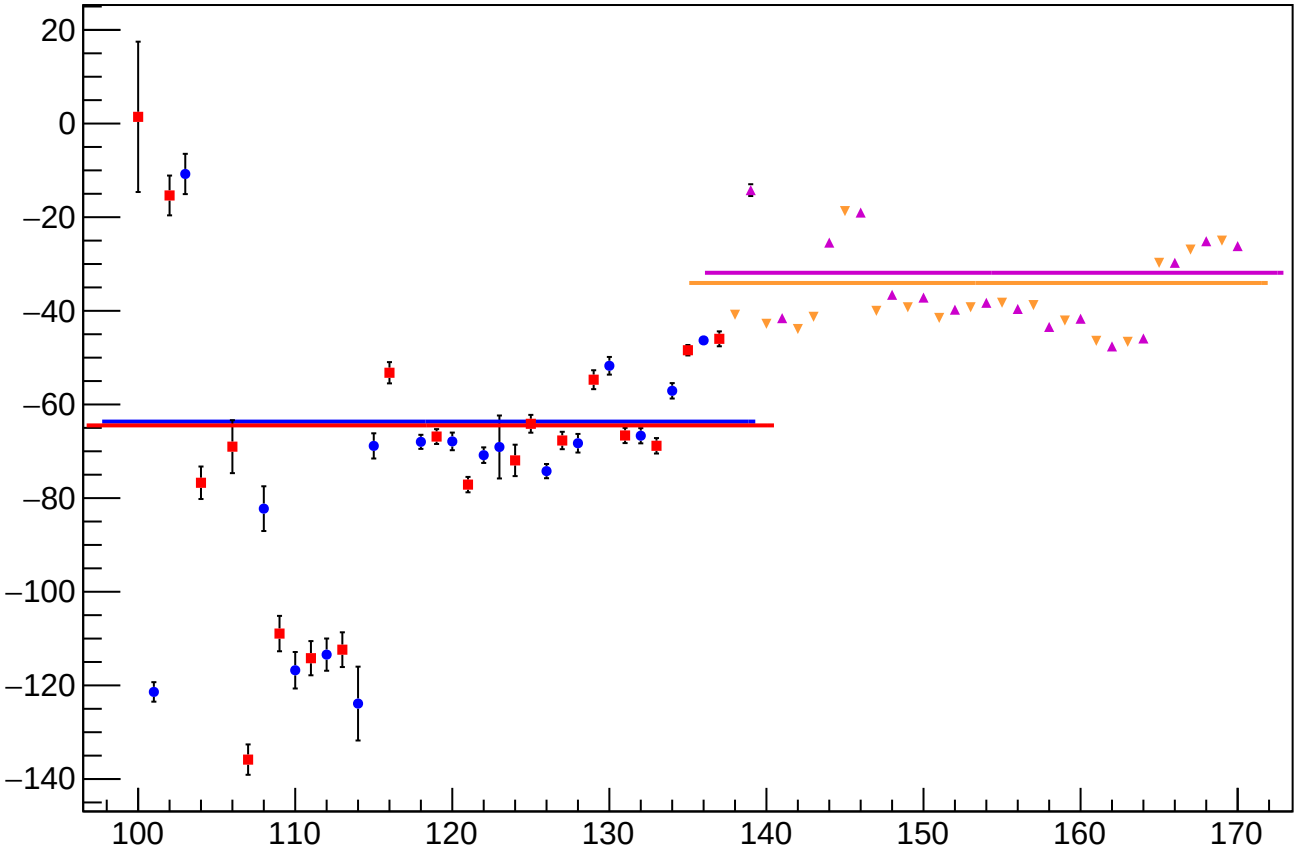
Left In: -41.699+/-0.135 χ^2/NDF:7435.5/15

+ sign -44.110+/-0.139 χ^2/NDF: 6406.3/33

All: -42.964+/-0.096 χ^2/NDF: 14576.2/68

- sign -41.914+/-0.133 χ^2/NDF: 8038.9/34

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -34.048+/-0.119 χ^2/NDF:6128.7/16

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

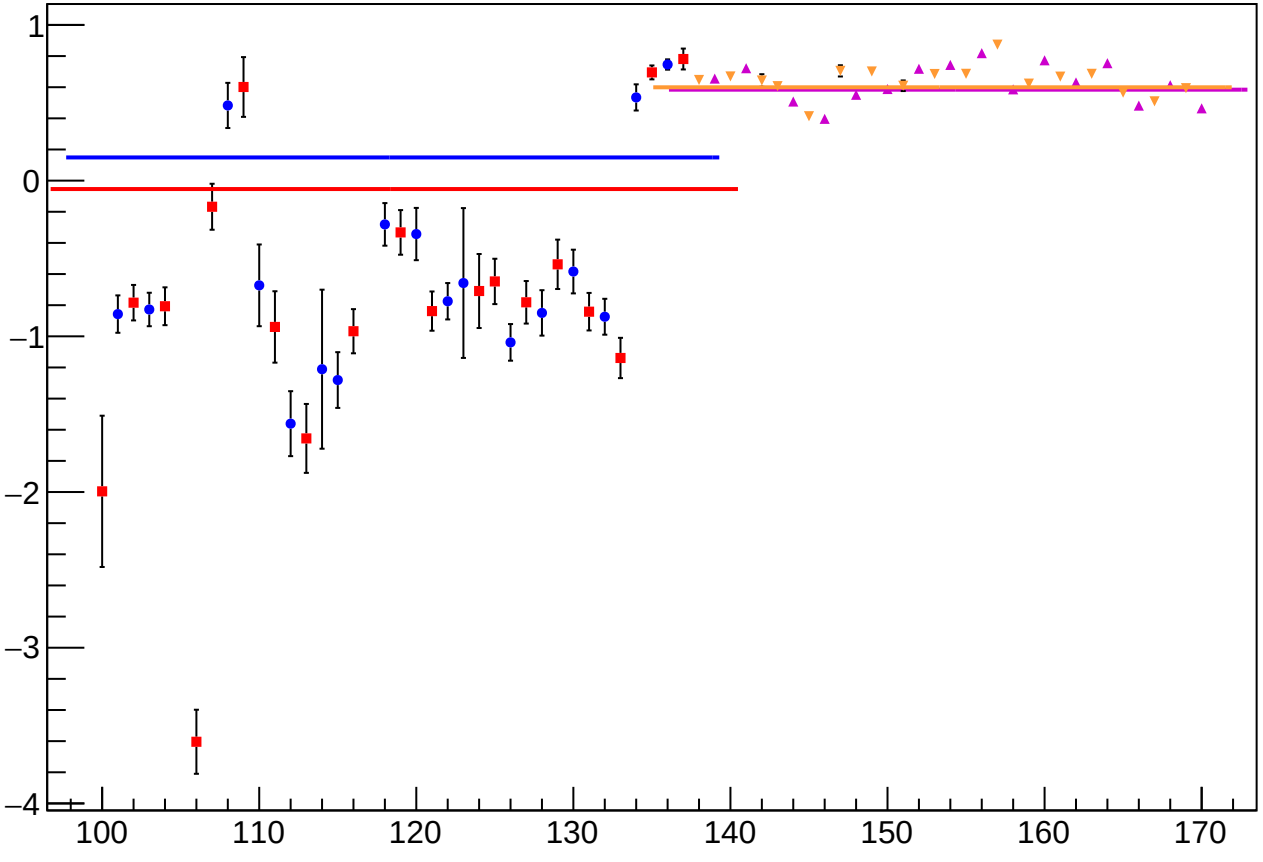
Left In: -31.871+/-0.115 χ^2/NDF:6371.7/15

+ sign -36.018+/-0.115 χ^2/NDF: 12269.1/33

All: -34.792+/-0.080 χ^2/NDF: 24788.6/68

- sign -33.627+/-0.112 χ^2/NDF: 12297.3/34

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.599+/-0.006 χ^2/NDF:379.6/16

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

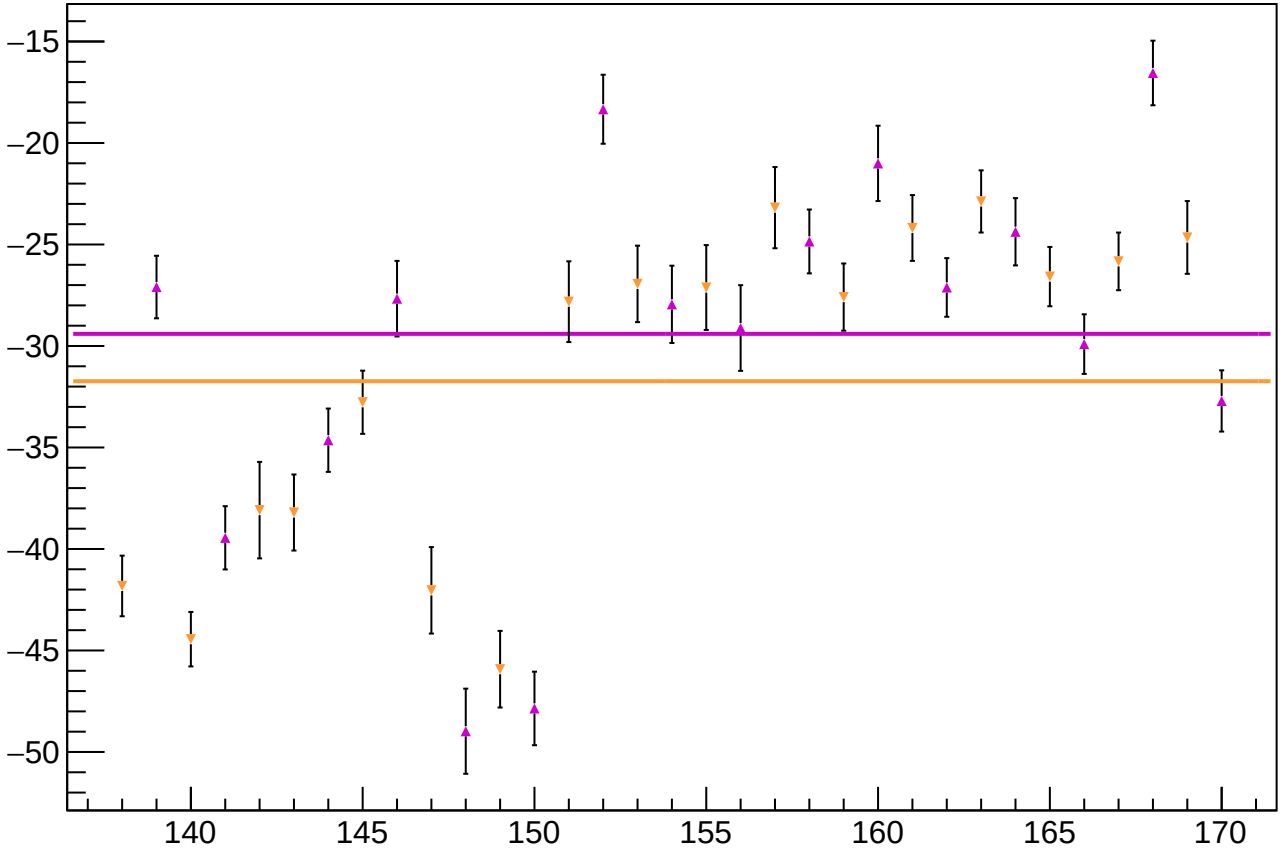
Left In: 0.584+/-0.005 χ^2/NDF:503.3/15

+ sign 0.577+/-0.005 χ^2/NDF: 1704.7/33

All: 0.567+/-0.004 χ^2/NDF: 3951.2/68

- sign 0.559+/-0.005 χ^2/NDF: 2240.8/34

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.734+/-0.414 χ^2/NDF:375.1/16

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

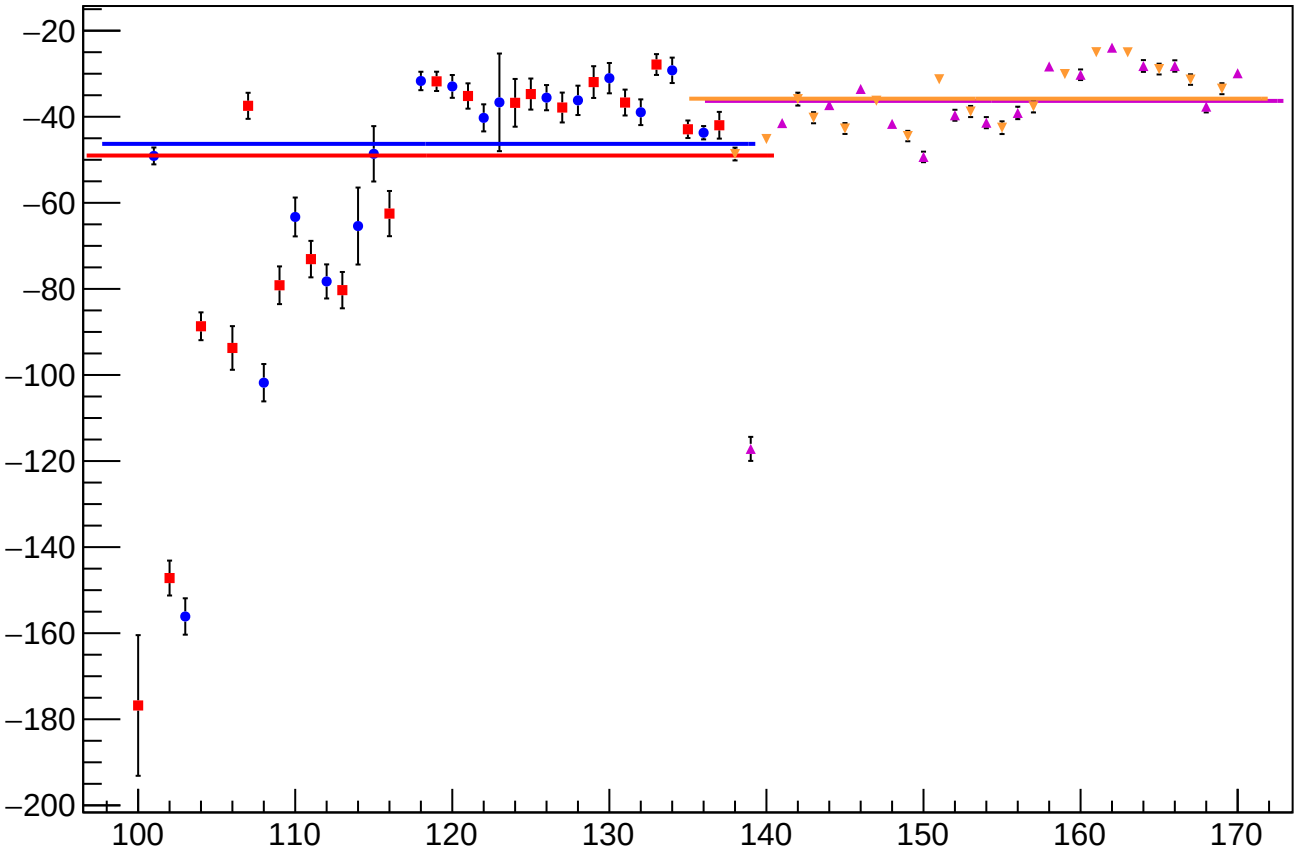
Left In: -29.402+/-0.417 χ^2/NDF:400.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -30.578+/-0.294 χ^2/NDF: 791.4/32

- 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: -35.798+/-0.300 χ^2/NDF:532.0/16

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

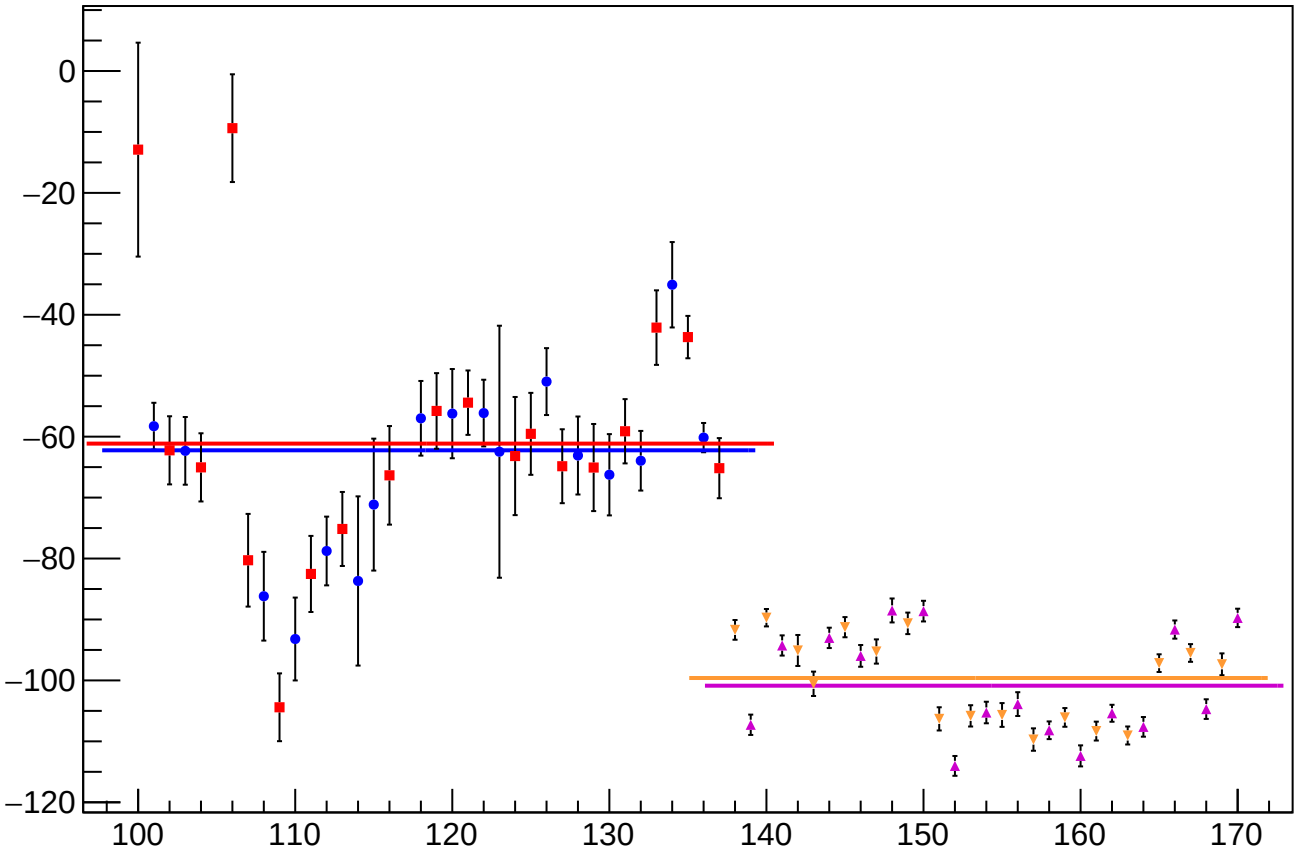
Left In: -36.314+/-0.308 χ^2/NDF:1332.3/15

+ sign -37.342+/-0.277 χ^2/NDF: 1796.2/33

All: -37.706+/-0.199 χ^2/NDF: 4641.2/68

- sign -38.093+/-0.286 χ^2/NDF: 2841.5/34

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -99.605+/-0.410 χ^2/NDF:298.6/16

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

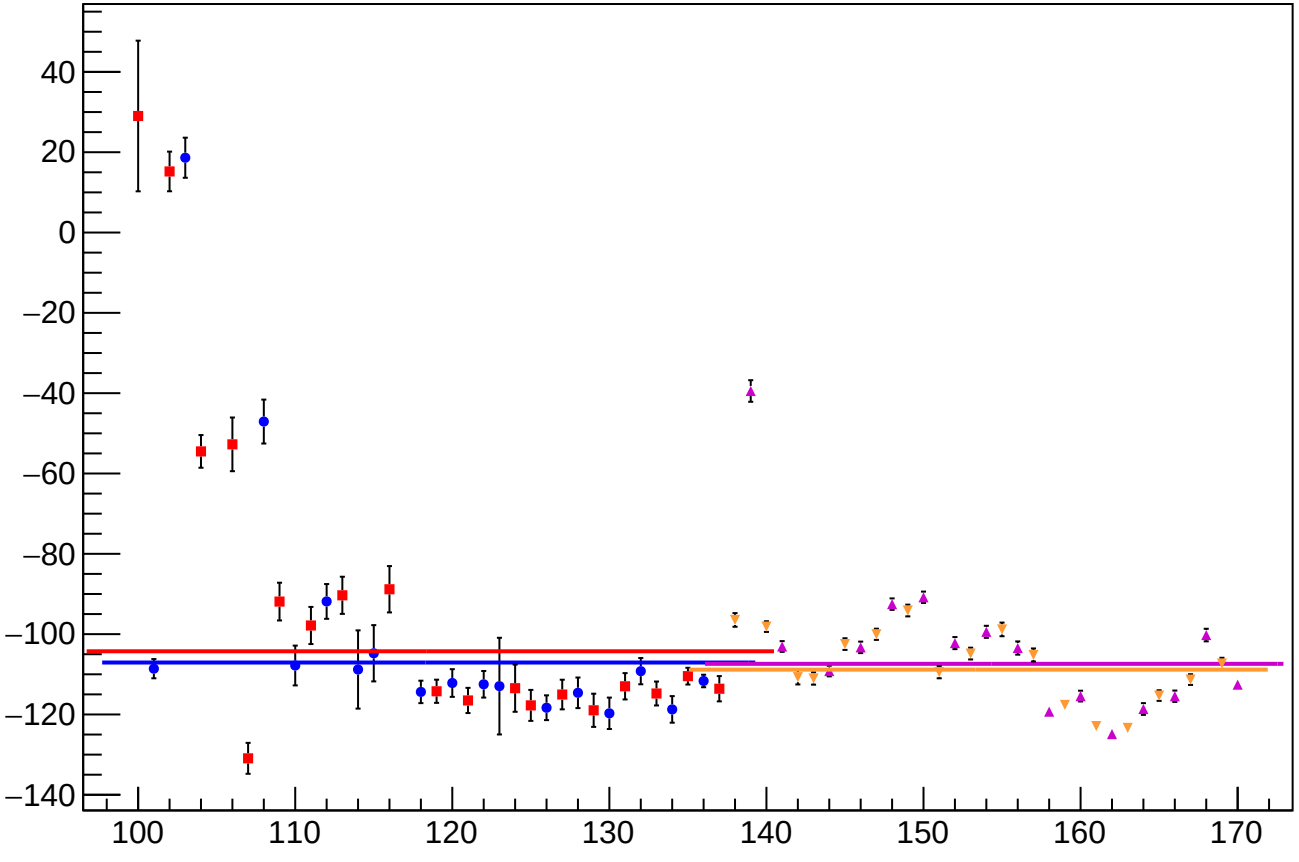
Left In: -100.867+/-0.410 χ^2/NDF:421.9/15

+ sign -96.266+/-0.392 χ^2/NDF: 1106.6/33

All: -96.951+/-0.277 χ^2/NDF: 2462.1/68

- sign -97.641+/-0.393 χ^2/NDF: 1349.4/34

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -108.841+/-0.345 χ^2/NDF:686.0/16

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

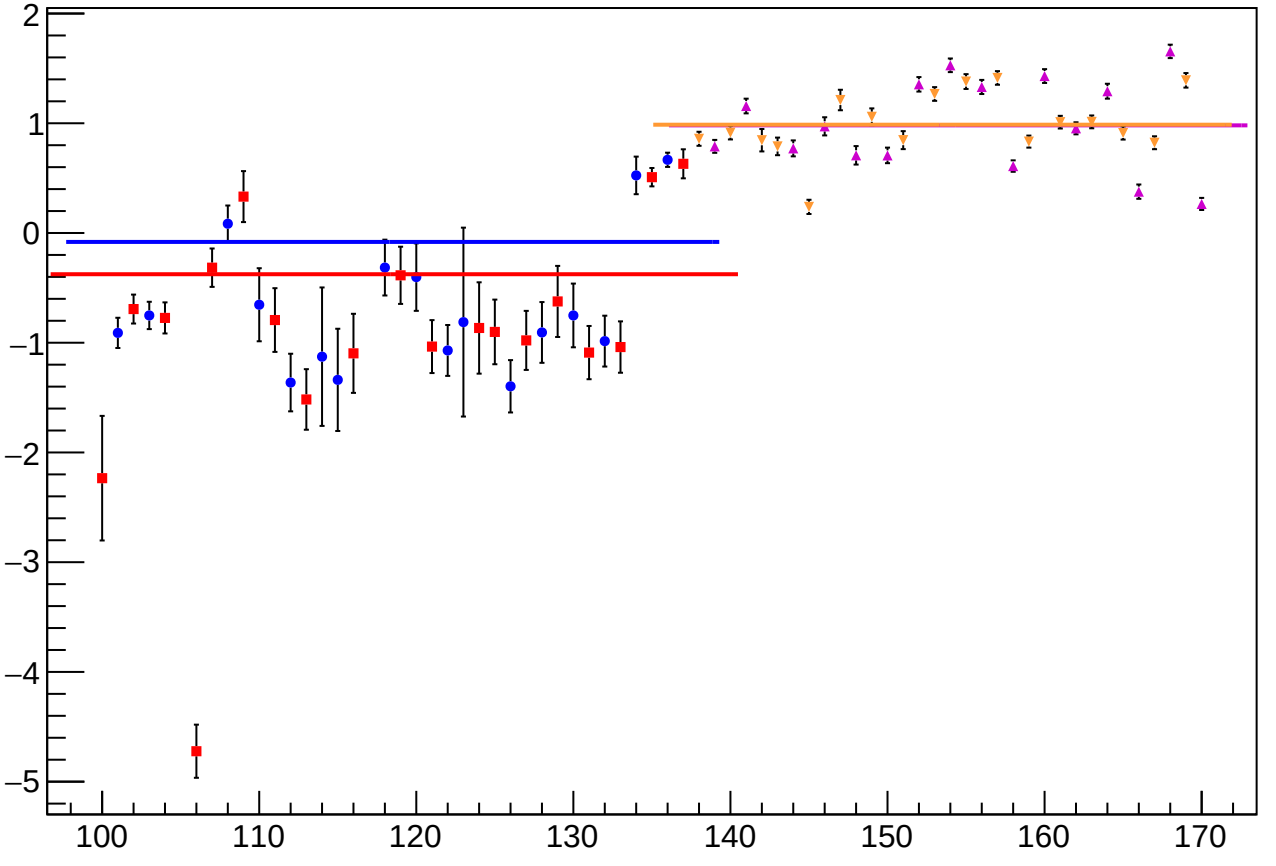
Left In: -107.391+/-0.352 χ^2/NDF:1435.3/15

+ sign -108.569+/-0.318 χ^2/NDF: 1518.4/33

All: -107.777+/-0.228 χ^2/NDF: 3996.4/68

- sign -106.944+/-0.326 χ^2/NDF: 2465.3/34

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.987+/-0.016 χ^2/NDF:312.1/16

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

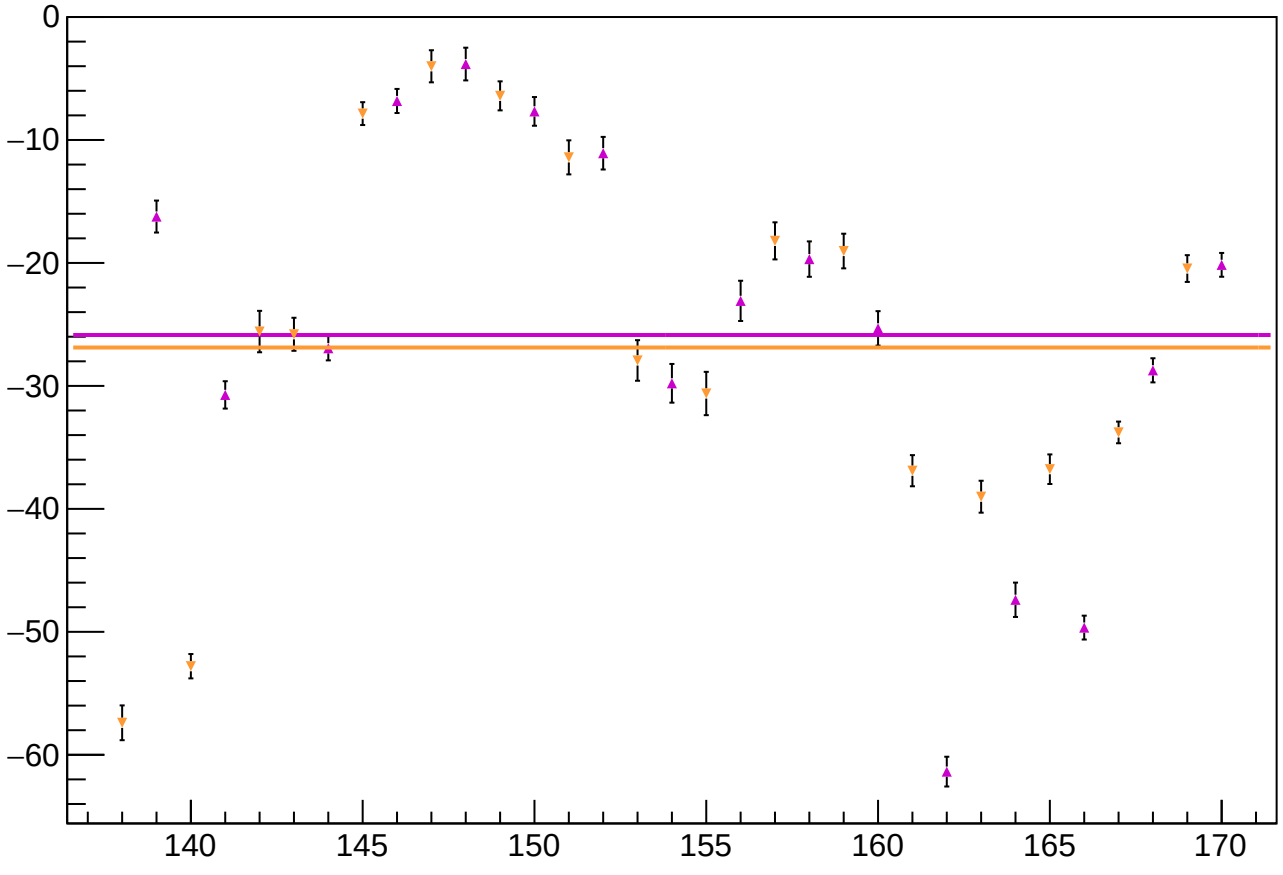
Left In: 0.981+/-0.016 χ^2/NDF:689.0/15

+ sign 0.851+/-0.015 χ^2/NDF: 1201.5/33

All: 0.837+/-0.011 χ^2/NDF: 3319.0/68

- sign 0.822+/-0.015 χ^2/NDF: 2115.6/34

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -26.877+/-0.300 χ^2/NDF:2686.1/16

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

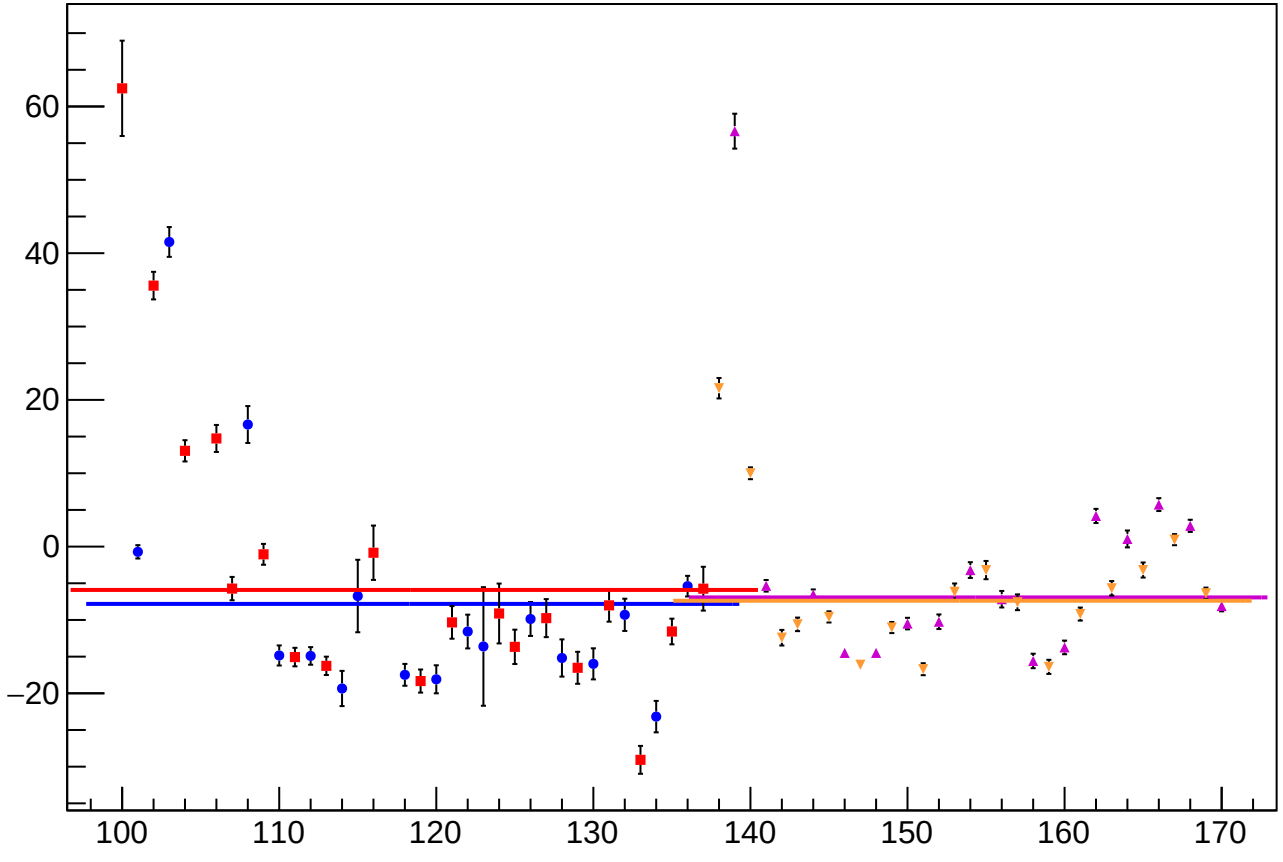
Left In: -25.860+/-0.295 χ^2/NDF:2864.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -26.360+/-0.211 χ^2/NDF: 5556.0/32

- 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: -7.380+/-0.215 χ^2/NDF:1533.2/16

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

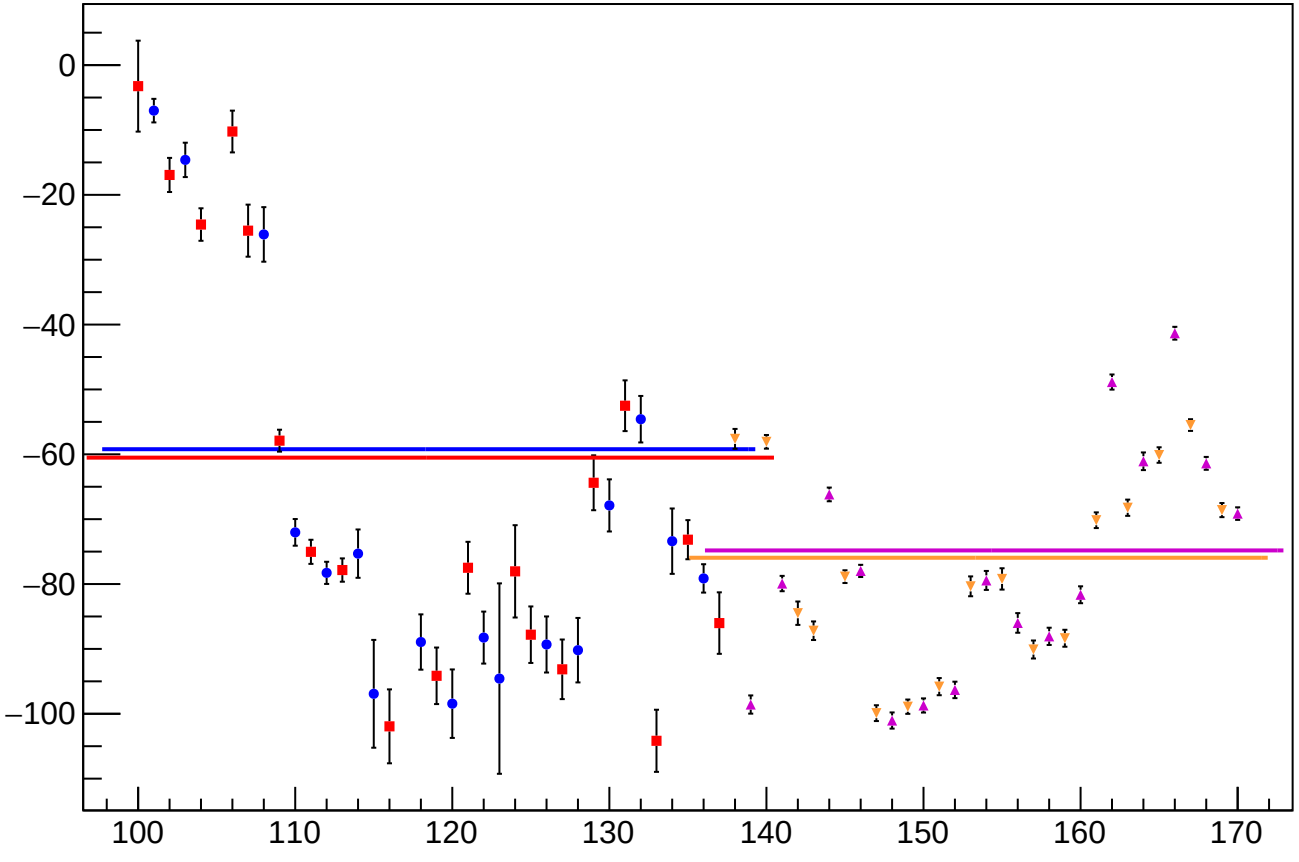
Left In: -6.926+/-0.214 χ^2/NDF:1706.8/15

+ sign -7.467+/-0.192 χ^2/NDF: 2516.7/33

All: -7.095+/-0.136 χ^2/NDF: 5528.6/68

- sign -6.723+/-0.192 χ^2/NDF: 3004.3/34

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -75.947+/-0.299 χ^2/NDF:2569.6/16

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

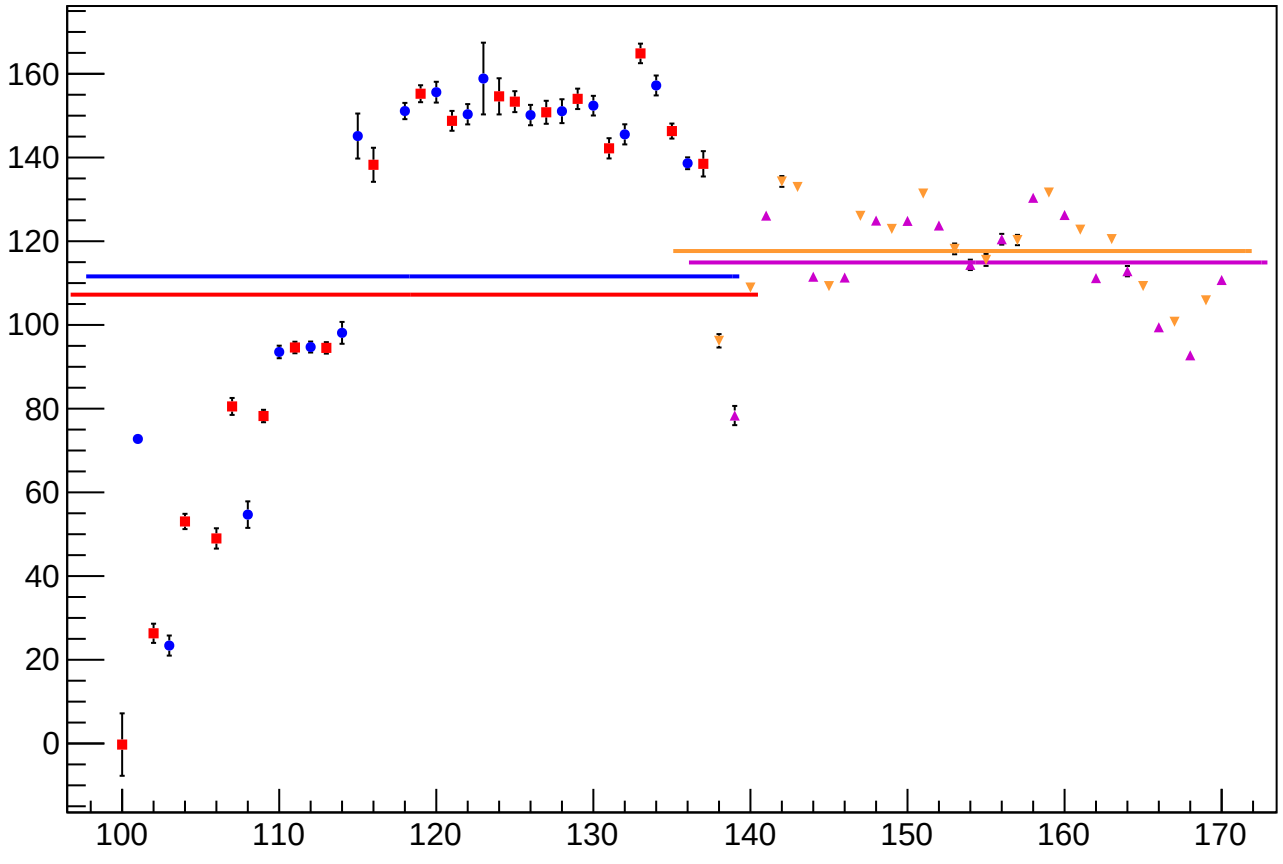
Left In: -74.818+/-0.291 χ^2/NDF:3745.1/15

+ sign -73.624+/-0.277 χ^2/NDF: 4725.9/33

All: -73.162+/-0.193 χ^2/NDF: 10212.7/68

- sign -72.727+/-0.269 χ^2/NDF: 5481.4/34

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 117.659+/-0.250 χ^2/NDF:1898.7/16

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

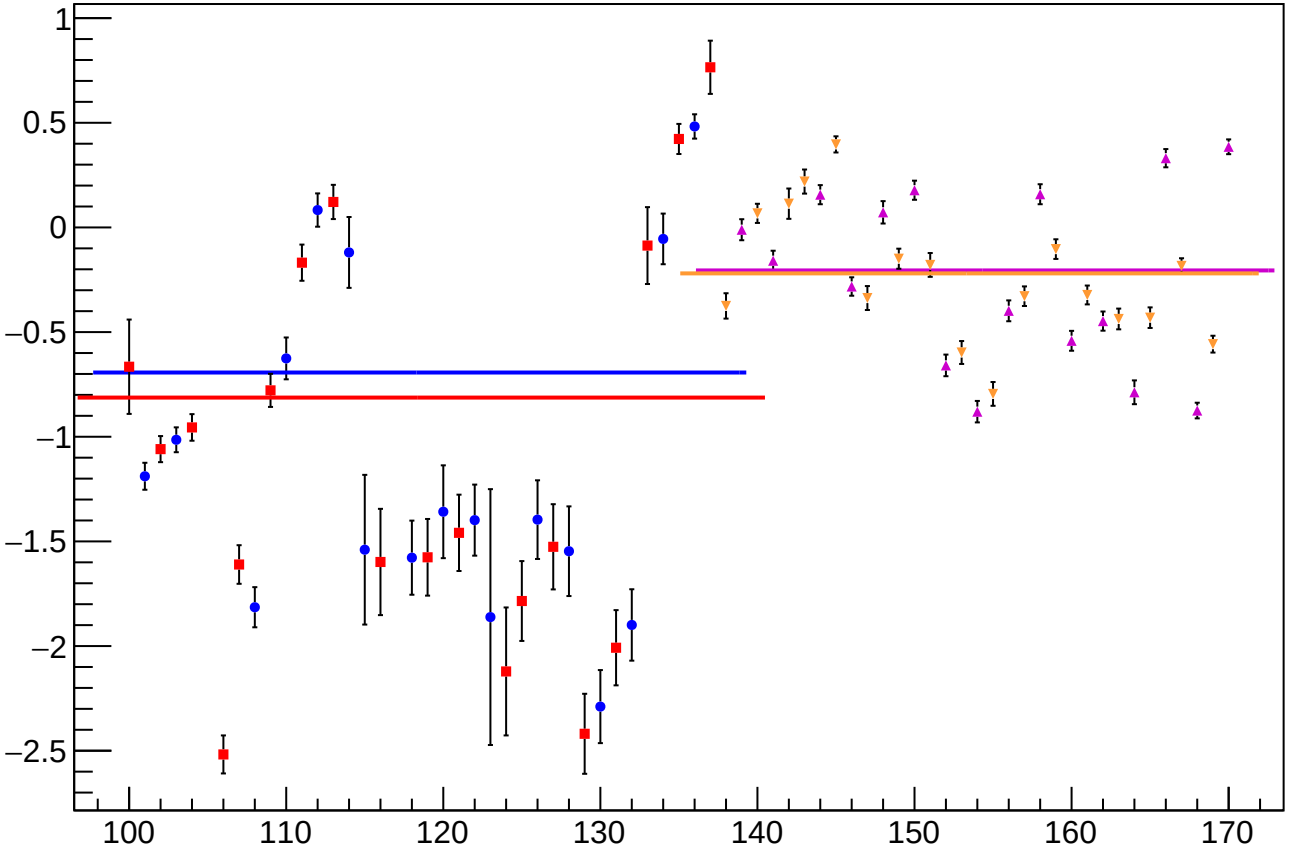
Left In: 114.926+/-0.248 χ^2/NDF:1937.1/15

+ sign 116.393+/-0.222 χ^2/NDF: 7980.9/33

All: 114.861+/-0.157 χ^2/NDF: 17247.3/68

- sign 113.342+/-0.221 χ^2/NDF: 9171.8/34

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: -0.220+/-0.012 χ^2/NDF:663.6/16

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

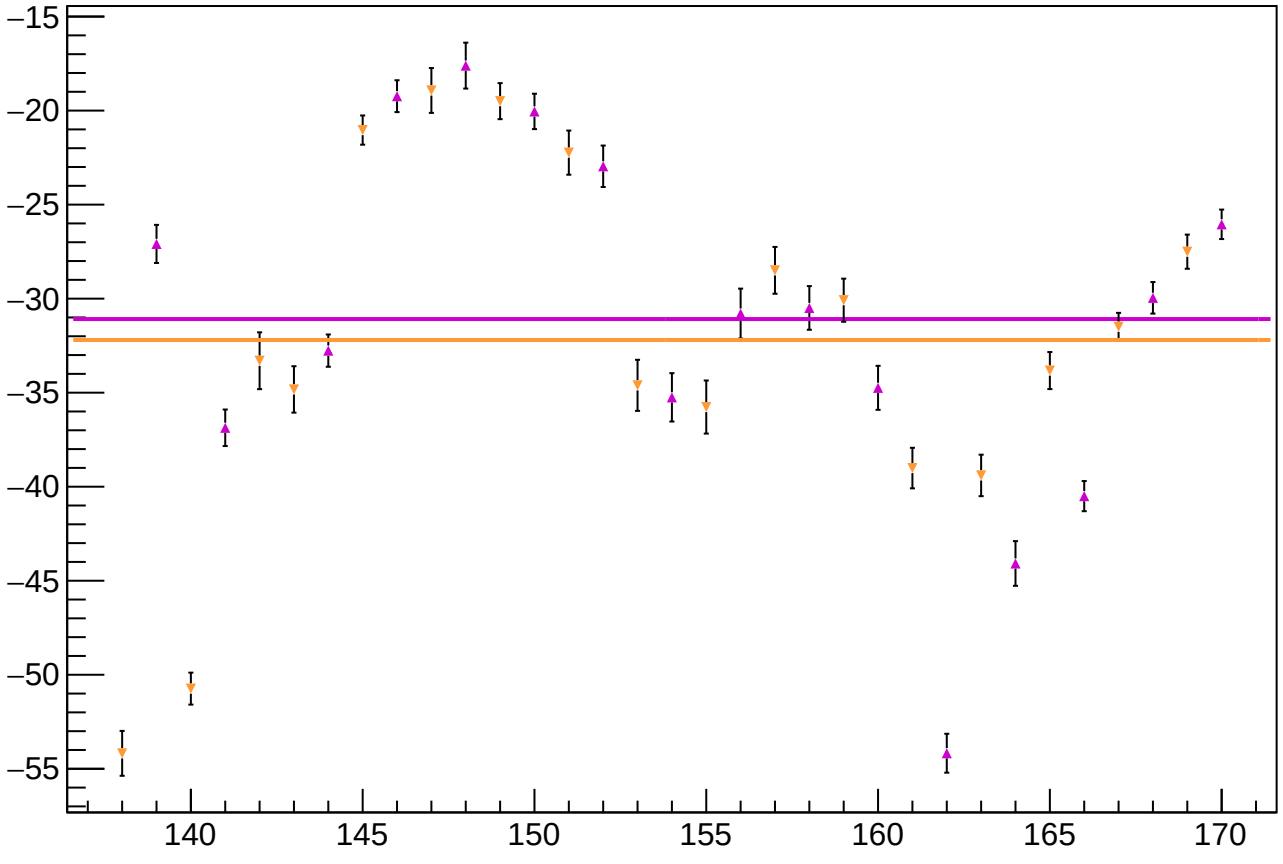
Left In: -0.205+/-0.012 χ^2/NDF:1436.0/15

+ sign -0.301+/-0.011 χ^2/NDF: 1935.8/33

All: -0.309+/-0.007 χ^2/NDF: 5192.4/68

- sign -0.317+/-0.010 χ^2/NDF: 3255.5/34

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -32.197+/-0.254 χ^2/NDF:1532.7/16

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

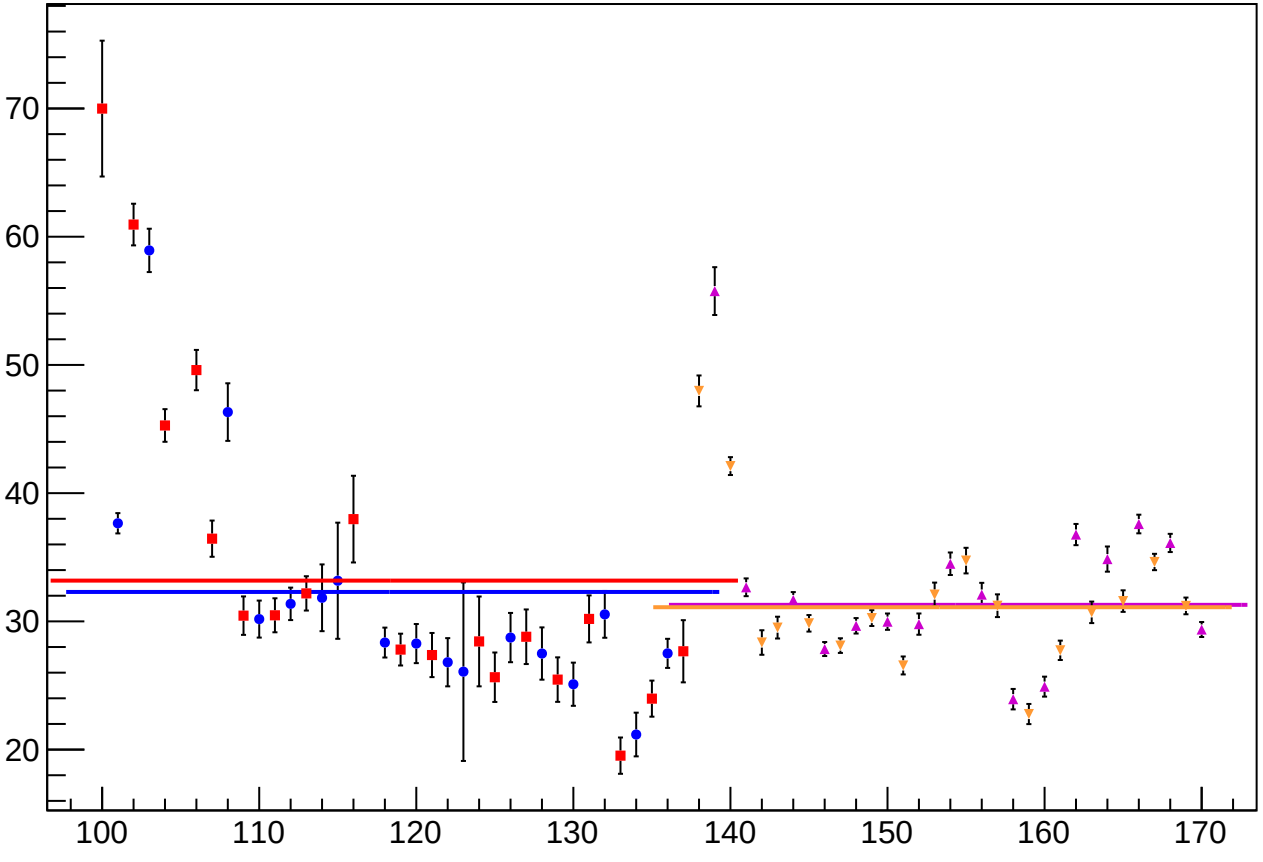
Left In: -31.085+/-0.248 χ^2/NDF:1383.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -31.628+/-0.177 χ^2/NDF: 2926.0/32

- 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: 31.104+/-0.183 χ^2/NDF:709.9/16

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

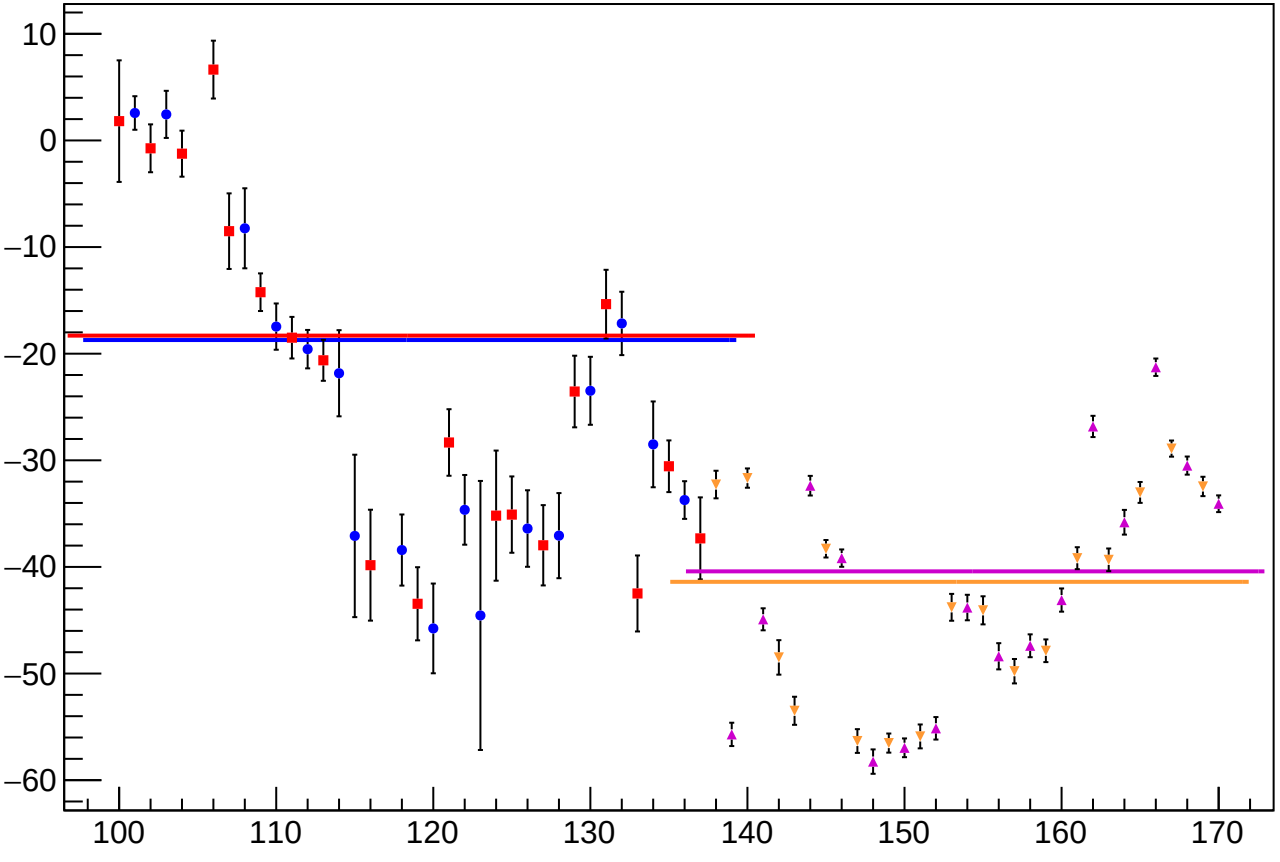
Left In: 31.289+/-0.182 χ^2/NDF:586.9/15

+ sign 31.336+/-0.164 χ^2/NDF: 1170.3/33

All: 31.490+/-0.116 χ^2/NDF: 2549.4/68

- sign 31.645+/-0.164 χ^2/NDF: 1377.3/34

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -41.397+/-0.252 χ^2/NDF:1464.8/16

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

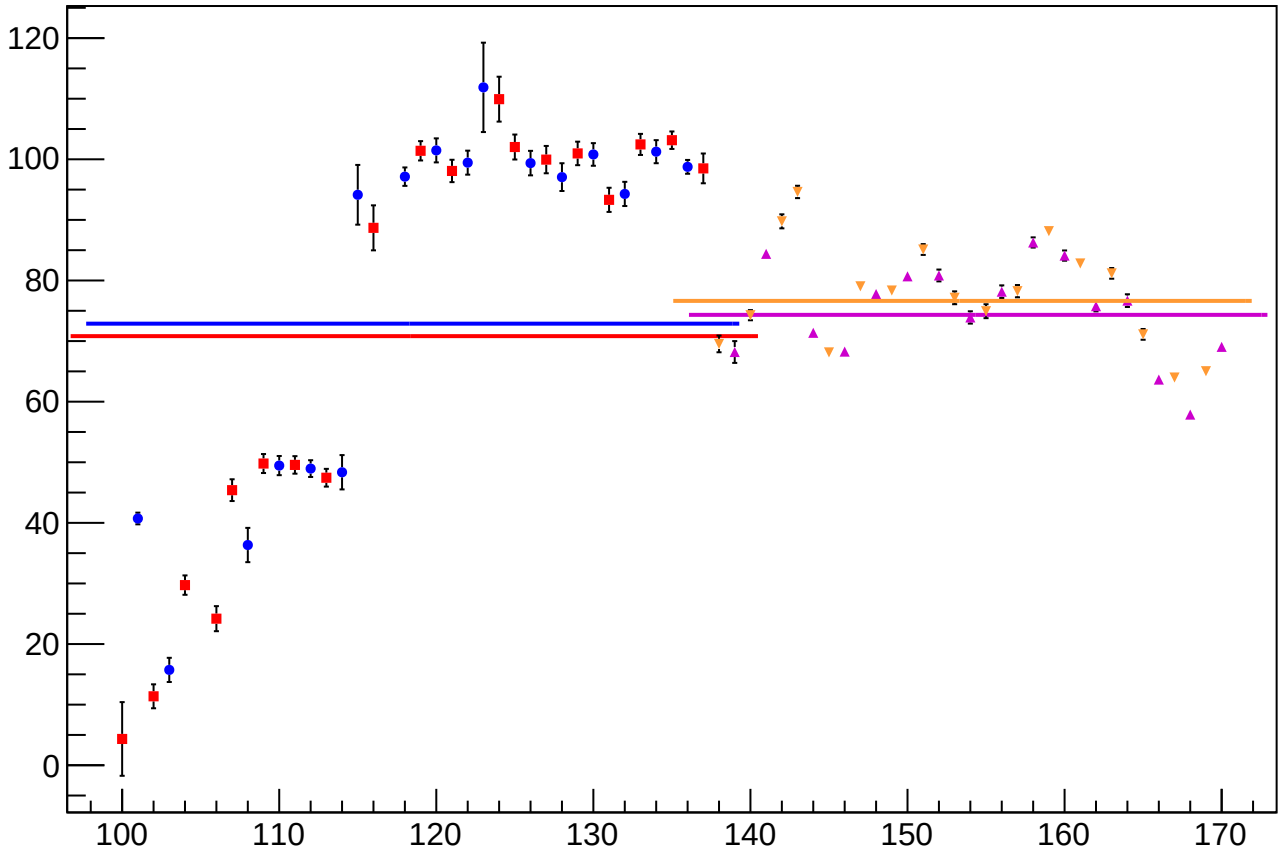
Left In: -40.416+/-0.244 χ^2/NDF:2136.1/15

+ sign -38.560+/-0.235 χ^2/NDF: 3000.6/33

All: -38.081+/-0.164 χ^2/NDF: 6649.1/68

- sign -37.630+/-0.228 χ^2/NDF: 3640.5/34

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 76.633+/-0.212 χ^2/NDF:1615.8/16

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

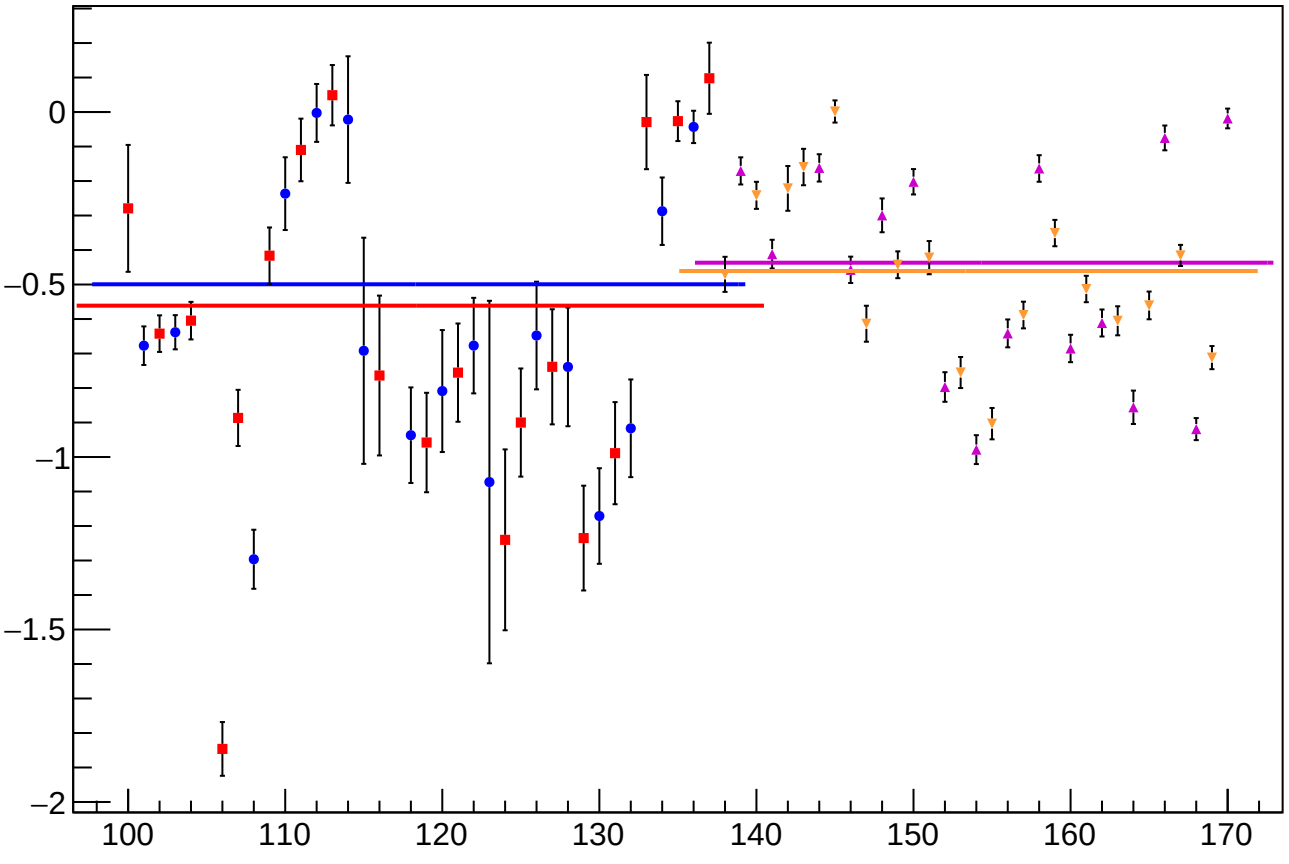
Left In: 74.328+/-0.210 χ^2/NDF:1403.3/15

+ sign 75.887+/-0.190 χ^2/NDF: 6416.2/33

All: 74.769+/-0.134 χ^2/NDF: 13431.2/68

- sign 73.660+/-0.189 χ^2/NDF: 6945.8/34

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.461+/-0.010 χ^2/NDF:528.2/16

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

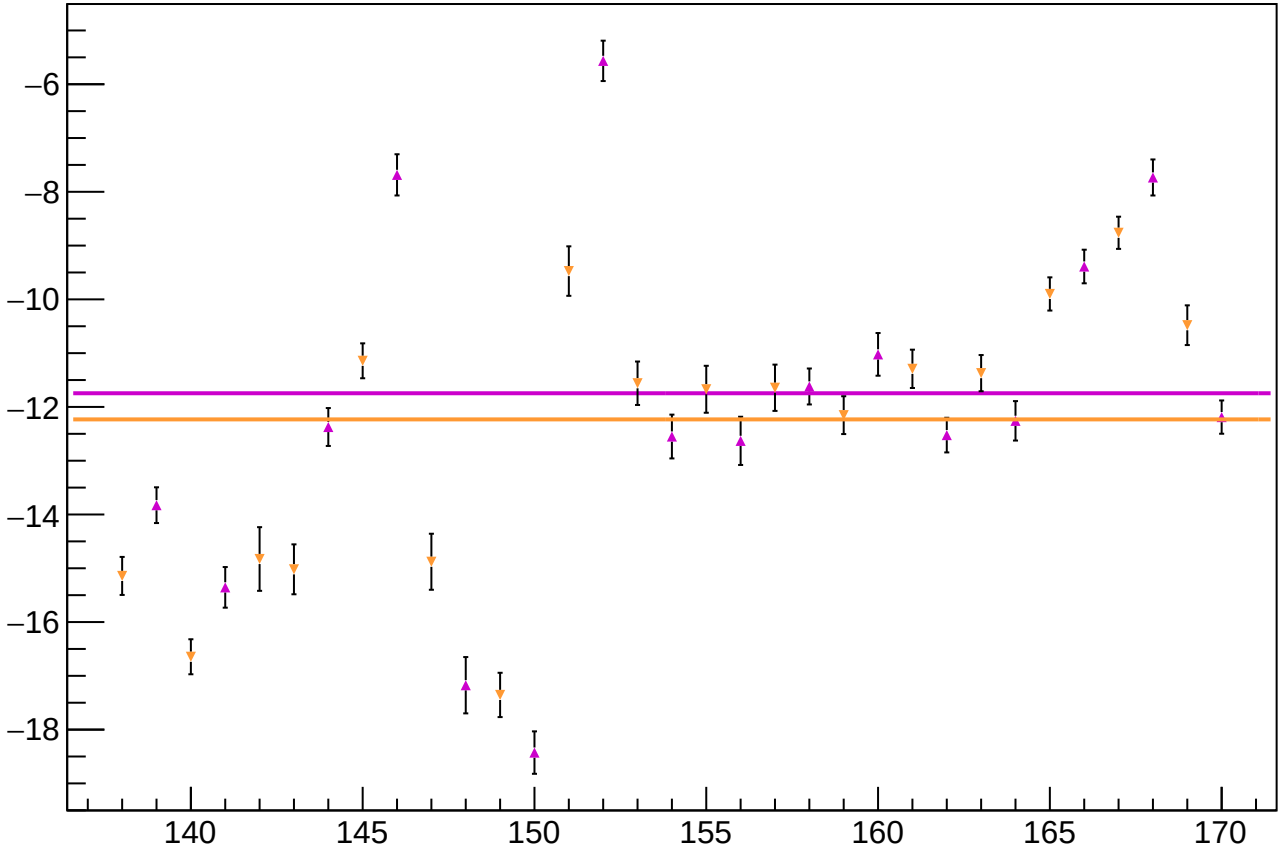
Left In: -0.437+/-0.010 χ^2/NDF:1133.9/15

+ sign -0.467+/-0.009 χ^2/NDF: 834.1/33

All: -0.462+/-0.006 χ^2/NDF: 2559.1/68

- sign -0.458+/-0.009 χ^2/NDF: 1724.4/34

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: -12.232+/-0.092 χ^2/NDF:768.5/16

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

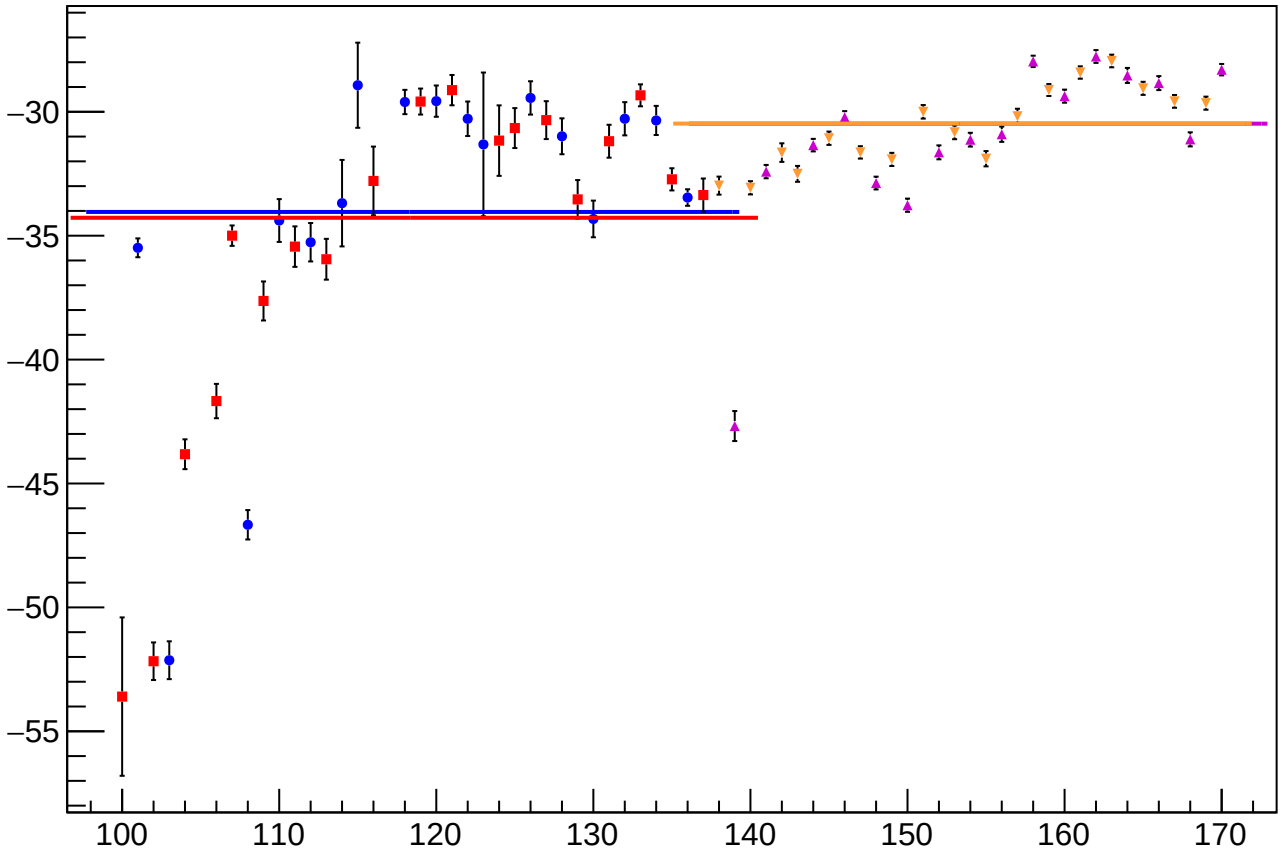
Left In: -11.746+/-0.091 χ^2/NDF:1132.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.987+/-0.065 χ^2/NDF: 1915.1/32

- 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: -30.476+/-0.067 χ^2/NDF:521.2/16

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

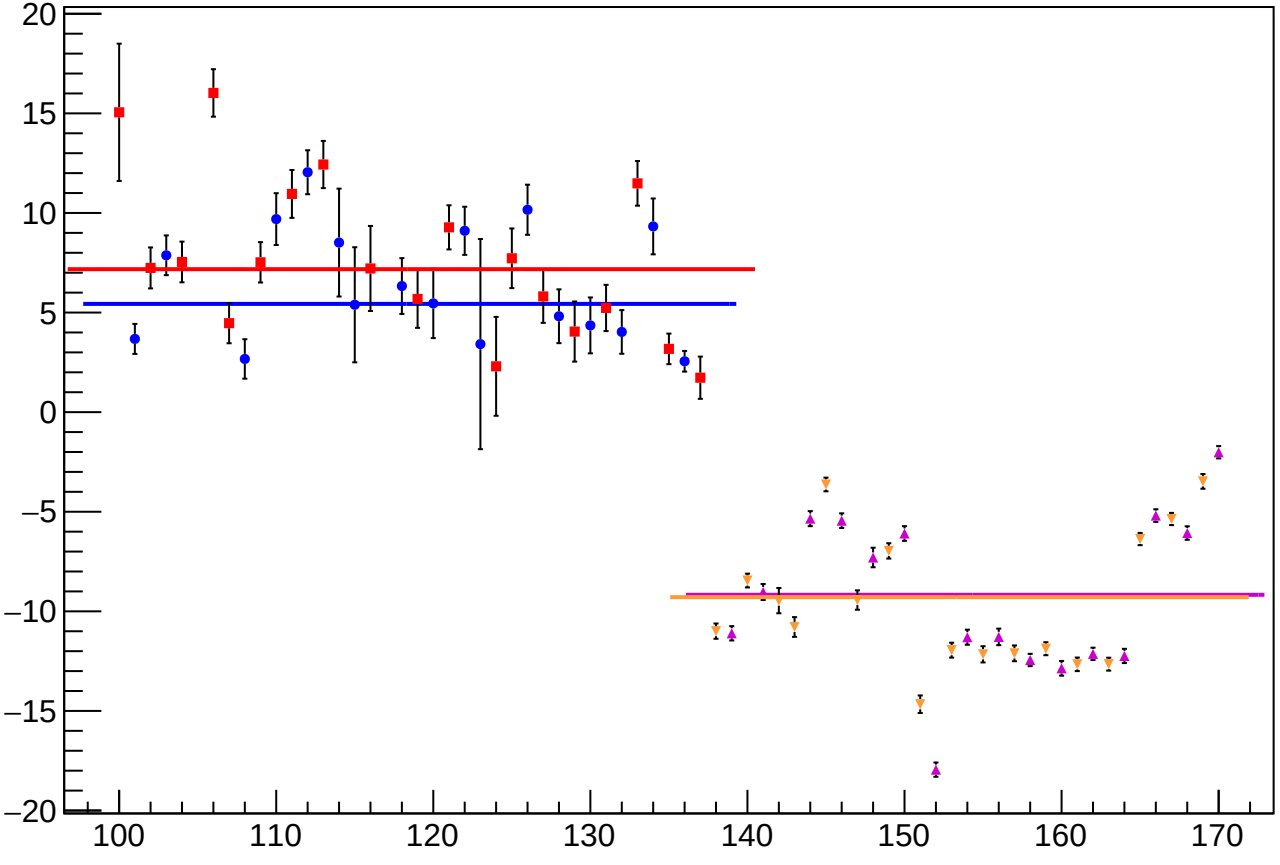
Left In: -30.479+/-0.068 χ^2/NDF:1148.0/15

+ sign -31.067+/-0.061 χ^2/NDF: 2329.1/33

All: -31.093+/-0.044 χ^2/NDF: 5354.0/68

- sign -31.121+/-0.062 χ^2/NDF: 3024.4/34

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: -9.288+/-0.091 χ^2/NDF:1414.1/16

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

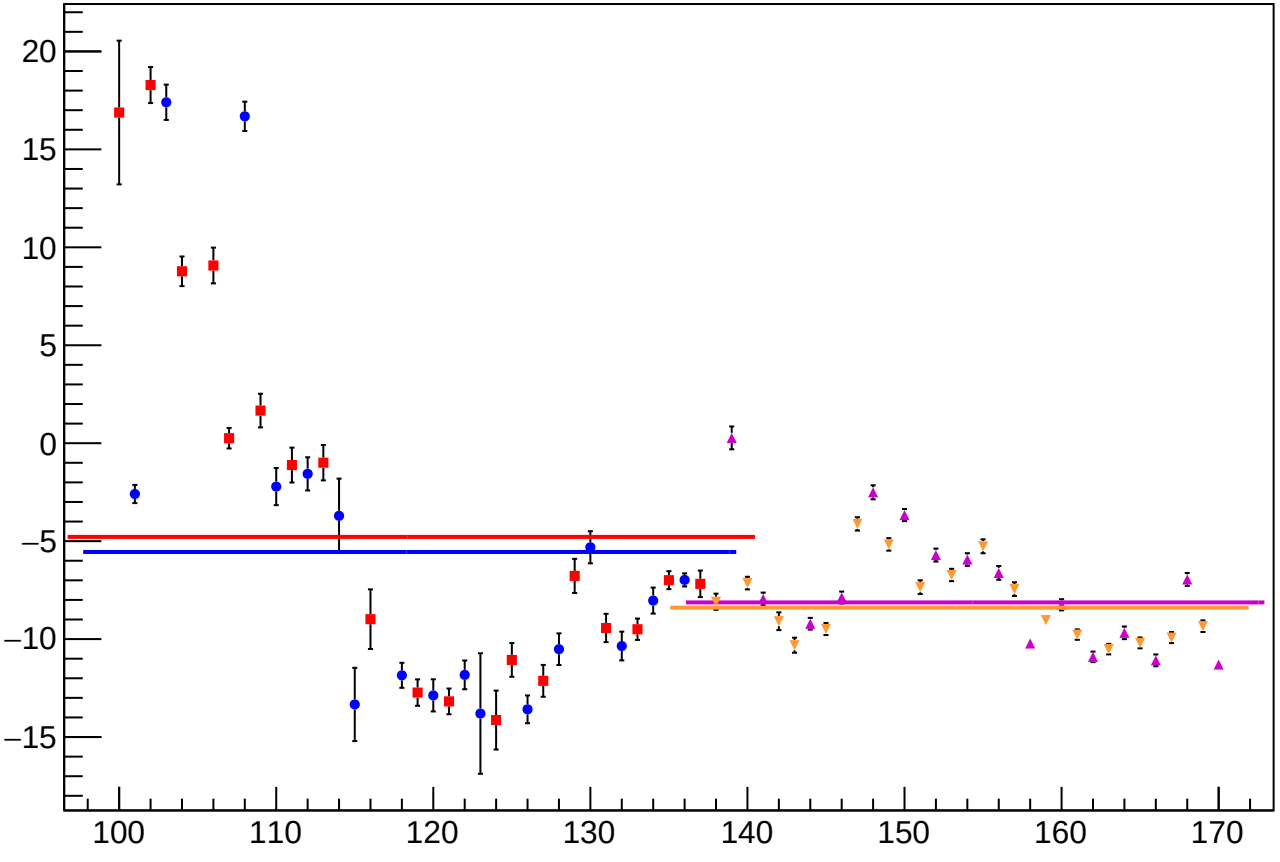
Left In: -9.170+/-0.089 χ^2/NDF:2124.6/15

+ sign -7.796+/-0.086 χ^2/NDF: 4226.8/33

All: -7.698+/-0.060 χ^2/NDF: 9750.8/68

- sign -7.603+/-0.085 χ^2/NDF: 5521.5/34

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: -8.394+/-0.077 χ^2/NDF:611.6/16

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

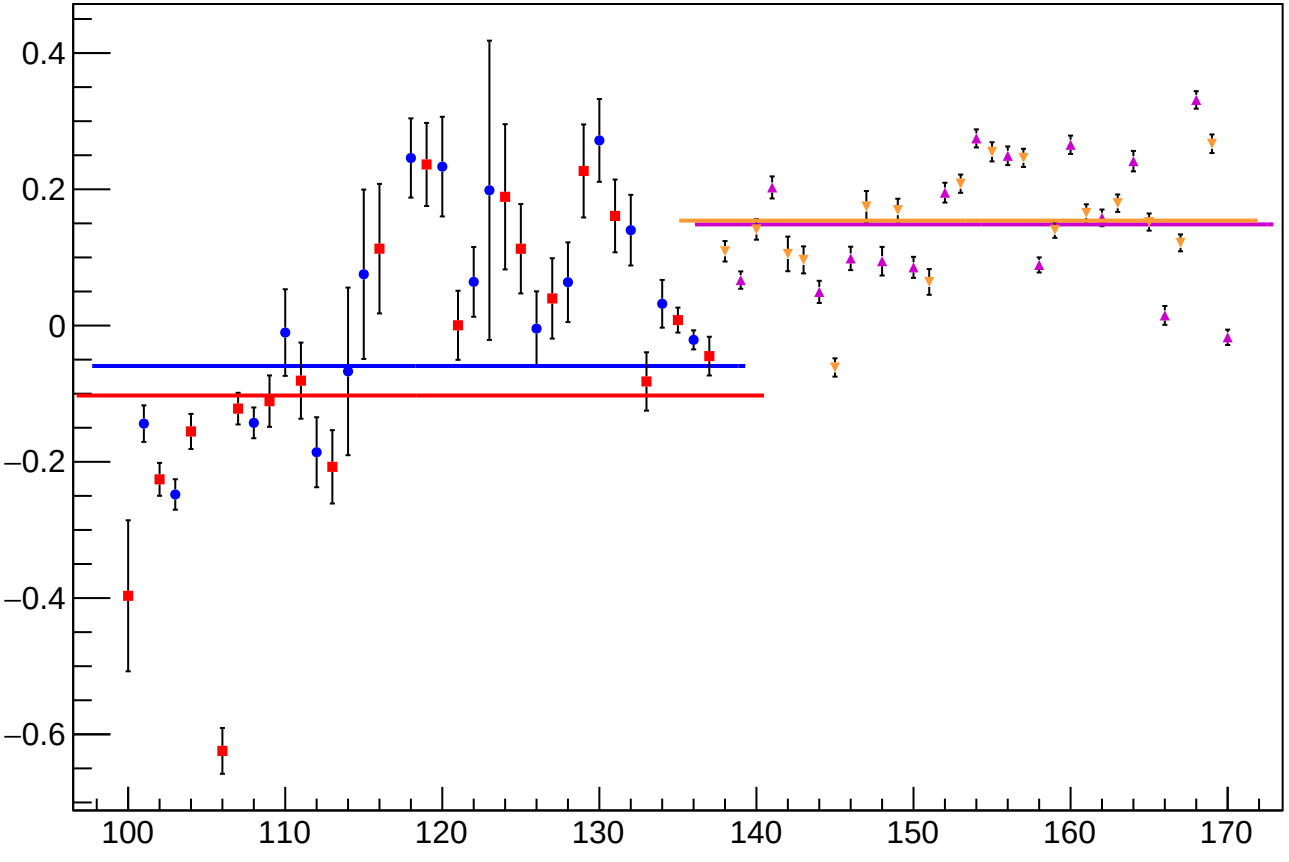
Left In: -8.127+/-0.077 χ^2/NDF:1267.2/15

+ sign -7.914+/-0.070 χ^2/NDF: 2969.2/33

All: -7.744+/-0.050 χ^2/NDF: 6601.2/68

- sign -7.572+/-0.070 χ^2/NDF: 3620.1/34

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: 0.154+/-0.004 χ^2/NDF:499.9/16

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

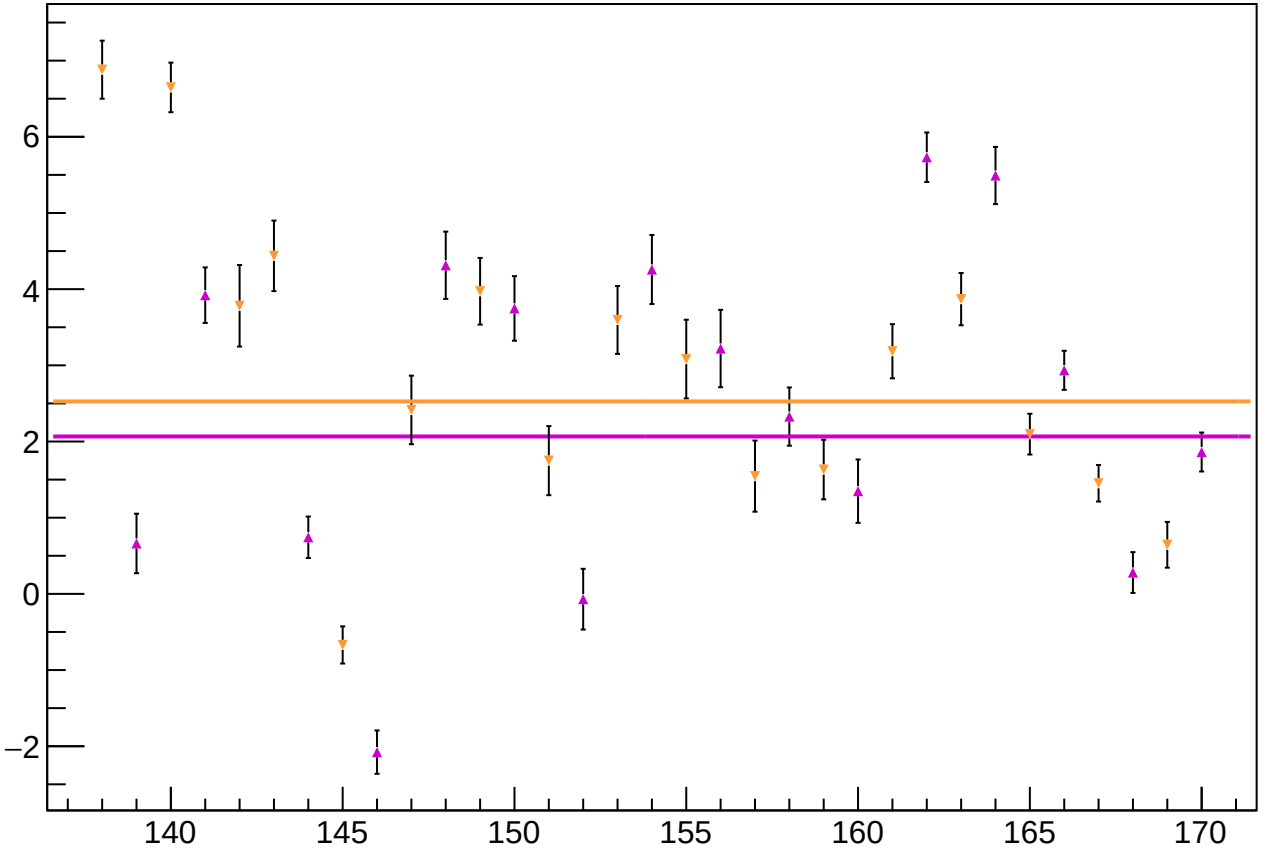
Left In: 0.149+/-0.003 χ^2/NDF:931.3/15

+ sign 0.122+/-0.003 χ^2/NDF: 1267.8/33

All: 0.117+/-0.002 χ^2/NDF: 3400.5/68

- sign 0.112+/-0.003 χ^2/NDF: 2127.8/34

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: 2.526+/-0.086 χ^2/NDF:596.7/16

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

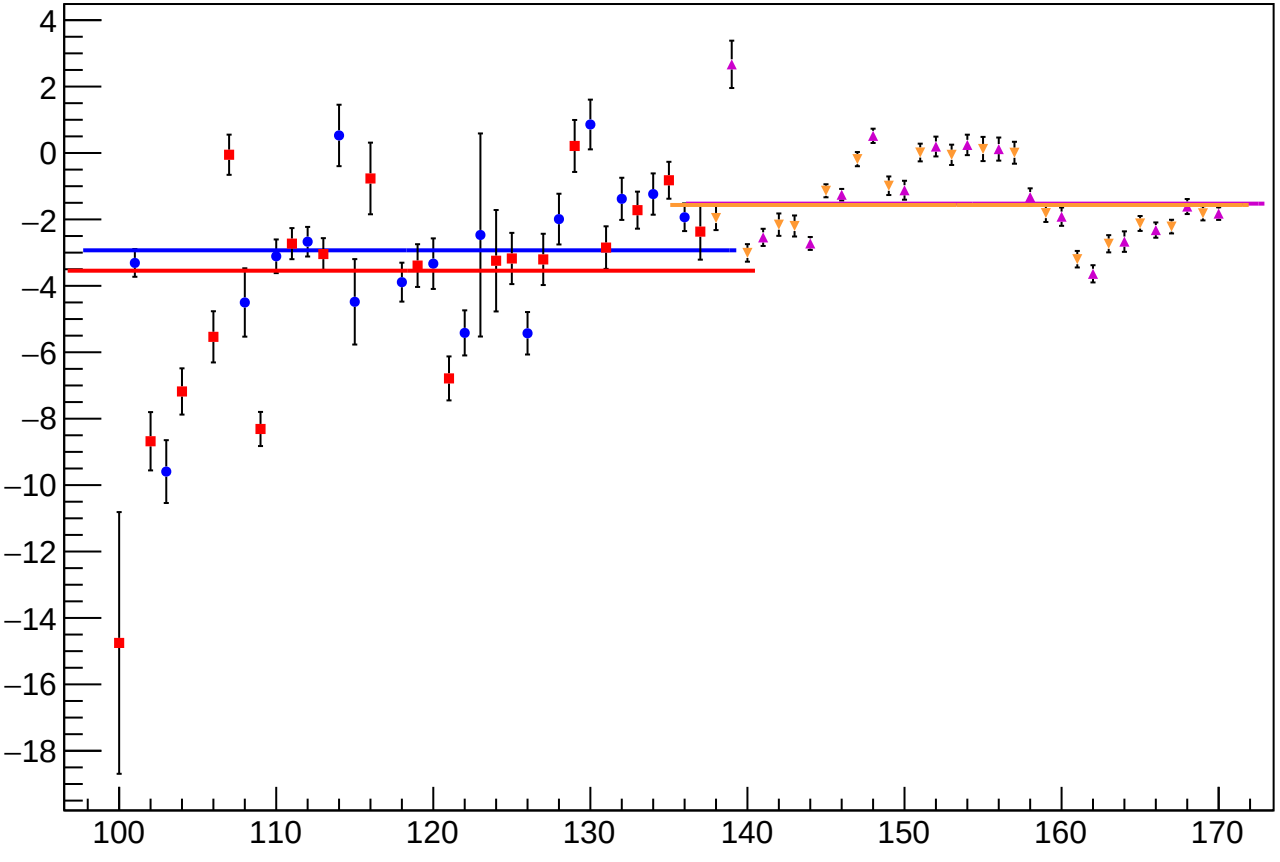
Left In: 2.066+/-0.085 χ^2/NDF:643.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.293+/-0.060 χ^2/NDF: 1254.9/32

- 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: -1.565+/-0.063 χ^2/NDF:274.2/16

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

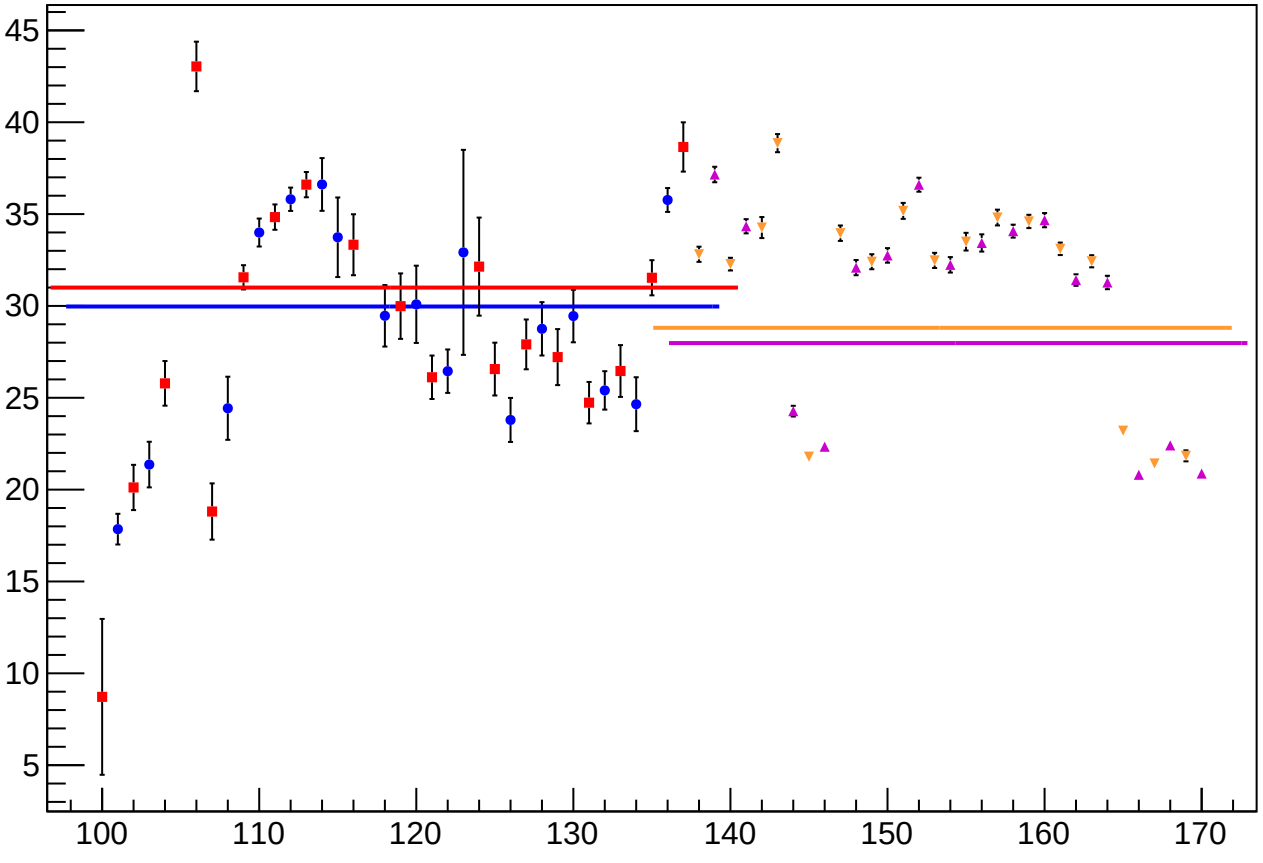
Left In: -1.525+/-0.062 χ^2/NDF:368.1/15

+ sign -1.760+/-0.058 χ^2/NDF: 488.1/33

All: -1.783+/-0.041 χ^2/NDF: 1295.0/68

- sign -1.806+/-0.058 χ^2/NDF: 806.6/34

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: 28.809+/-0.086 χ^2/NDF:4661.7/16

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

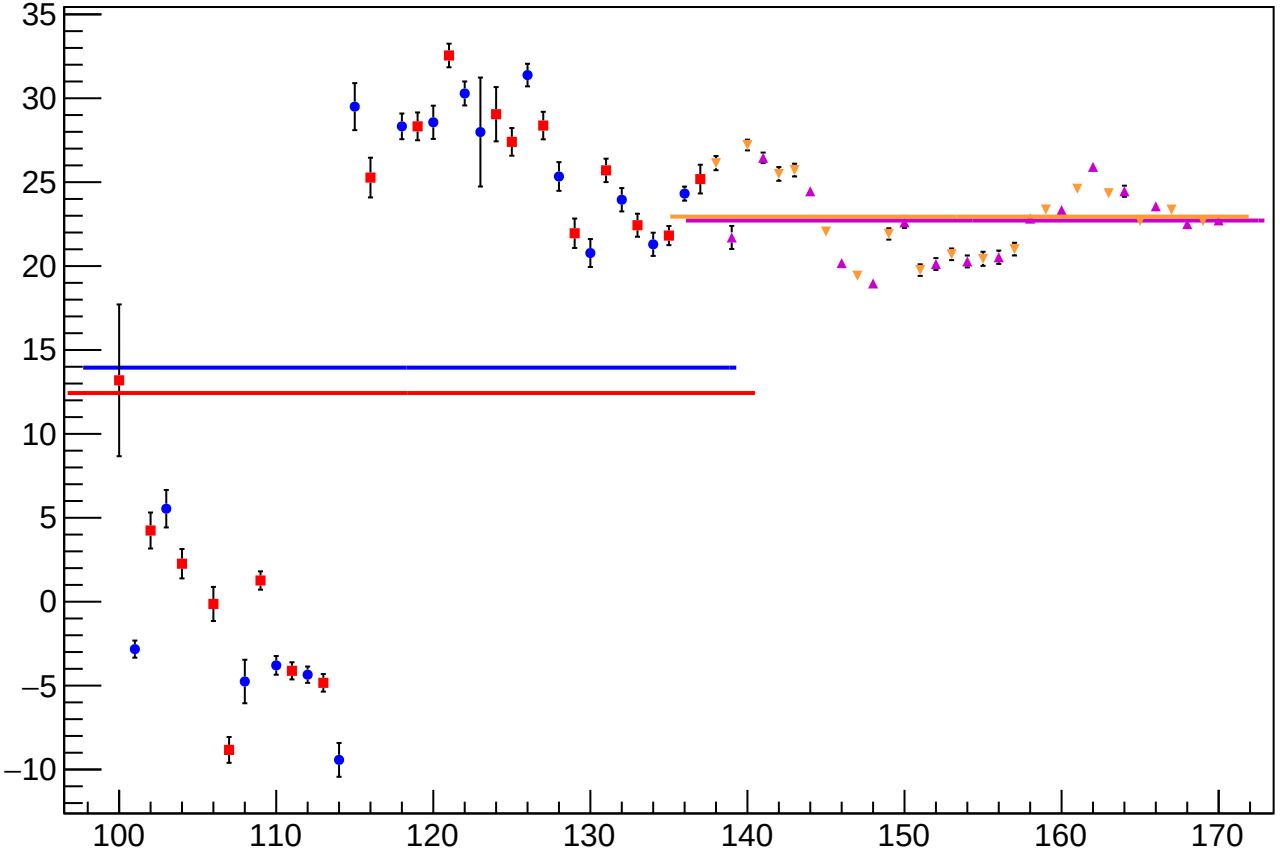
Left In: 27.979+/-0.084 χ^2/NDF:5069.3/15

+ sign 28.917+/-0.082 χ^2/NDF: 5233.2/33

All: 28.582+/-0.057 χ^2/NDF: 10937.3/68

- sign 28.262+/-0.080 χ^2/NDF: 5671.2/34

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: 22.948+/-0.072 χ^2/NDF:757.0/16

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

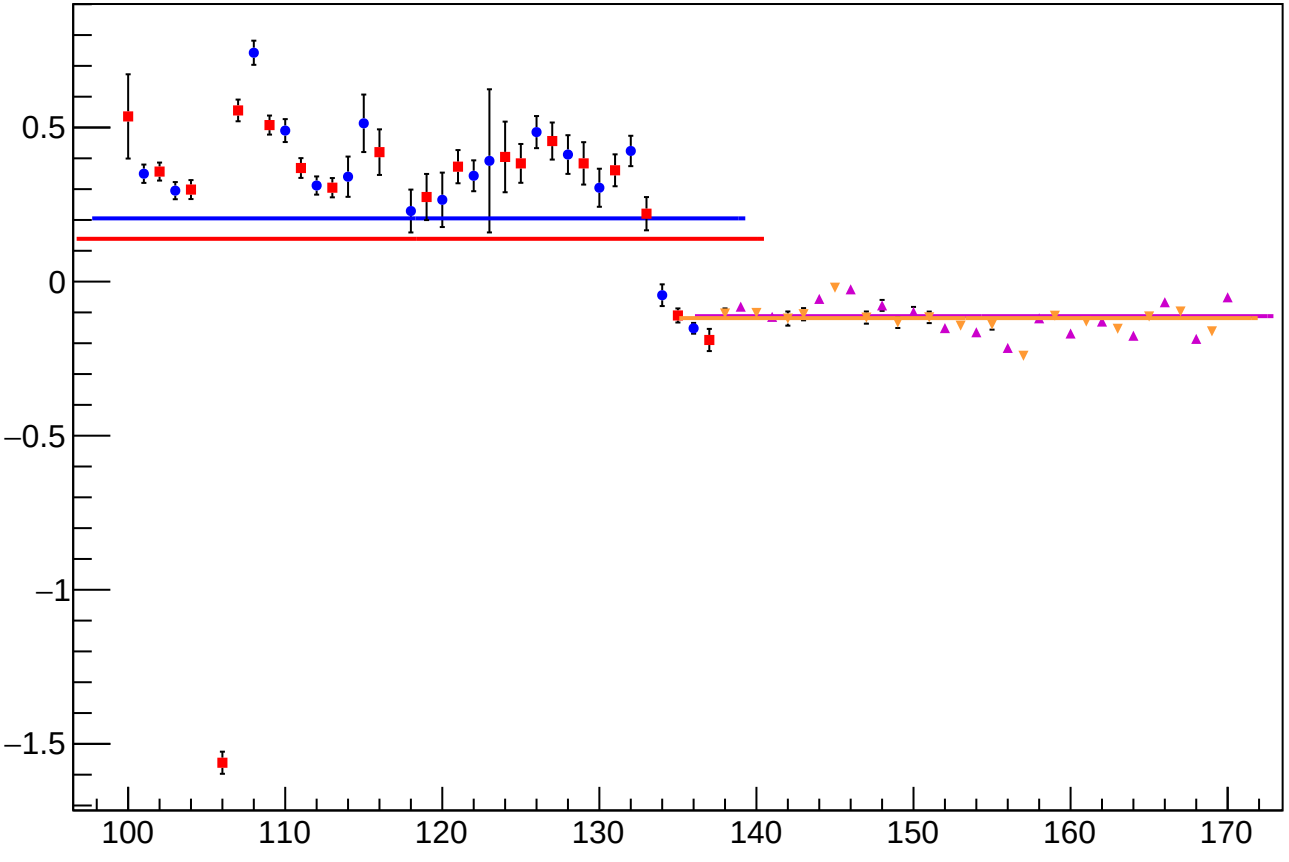
Left In: 22.713+/-0.071 χ^2/NDF:807.7/15

+ sign 21.602+/-0.067 χ^2/NDF: 10478.7/33

All: 21.413+/-0.047 χ^2/NDF: 21260.8/68

- sign 21.225+/-0.066 χ^2/NDF: 10765.9/34

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: -0.118+/-0.003 χ^2/NDF:200.6/16

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

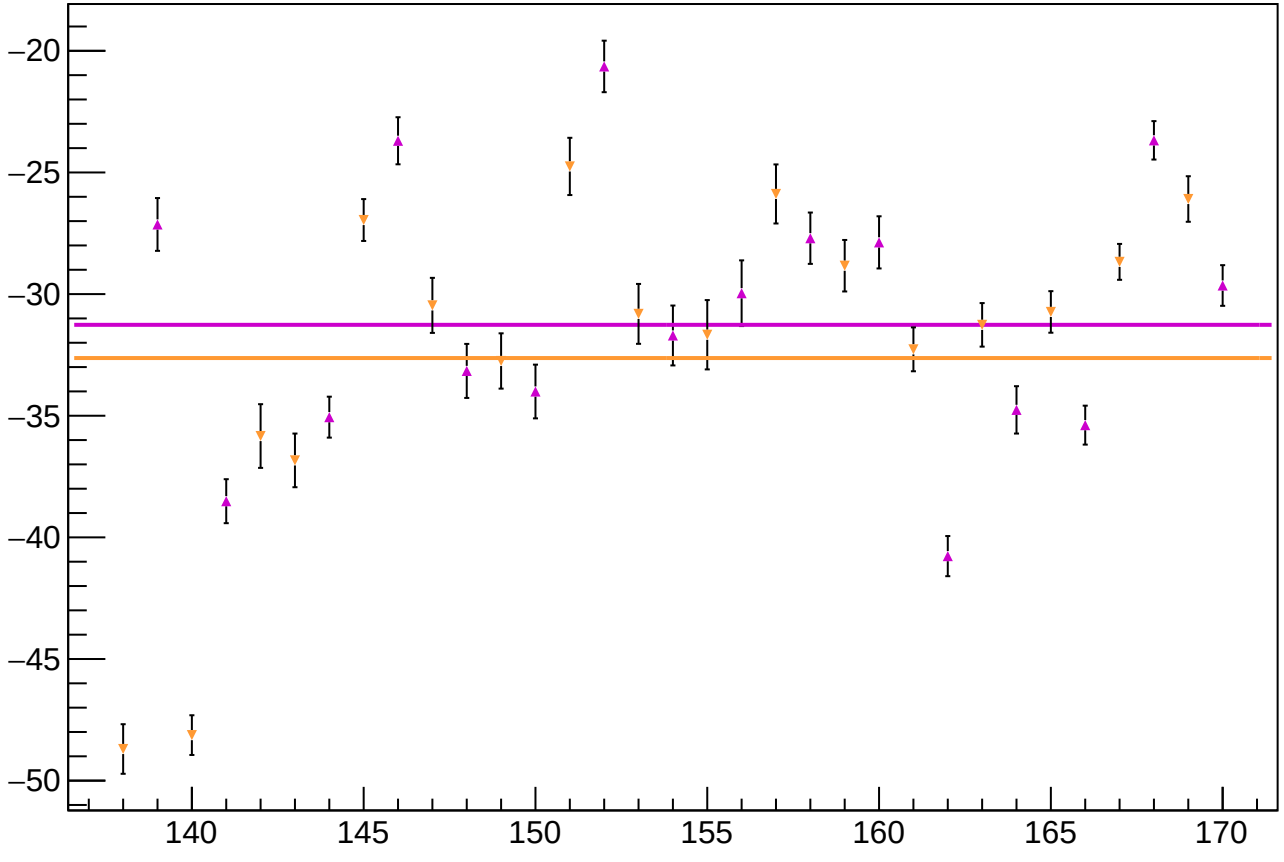
Left In: -0.112+/-0.003 χ^2/NDF:284.6/15

+ sign -0.082+/-0.003 χ^2/NDF: 2105.6/33

All: -0.083+/-0.002 χ^2/NDF: 6067.0/68

- sign -0.083+/-0.003 χ^2/NDF: 3961.2/34

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: -32.629+/-0.242 χ^2/NDF:852.7/16

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

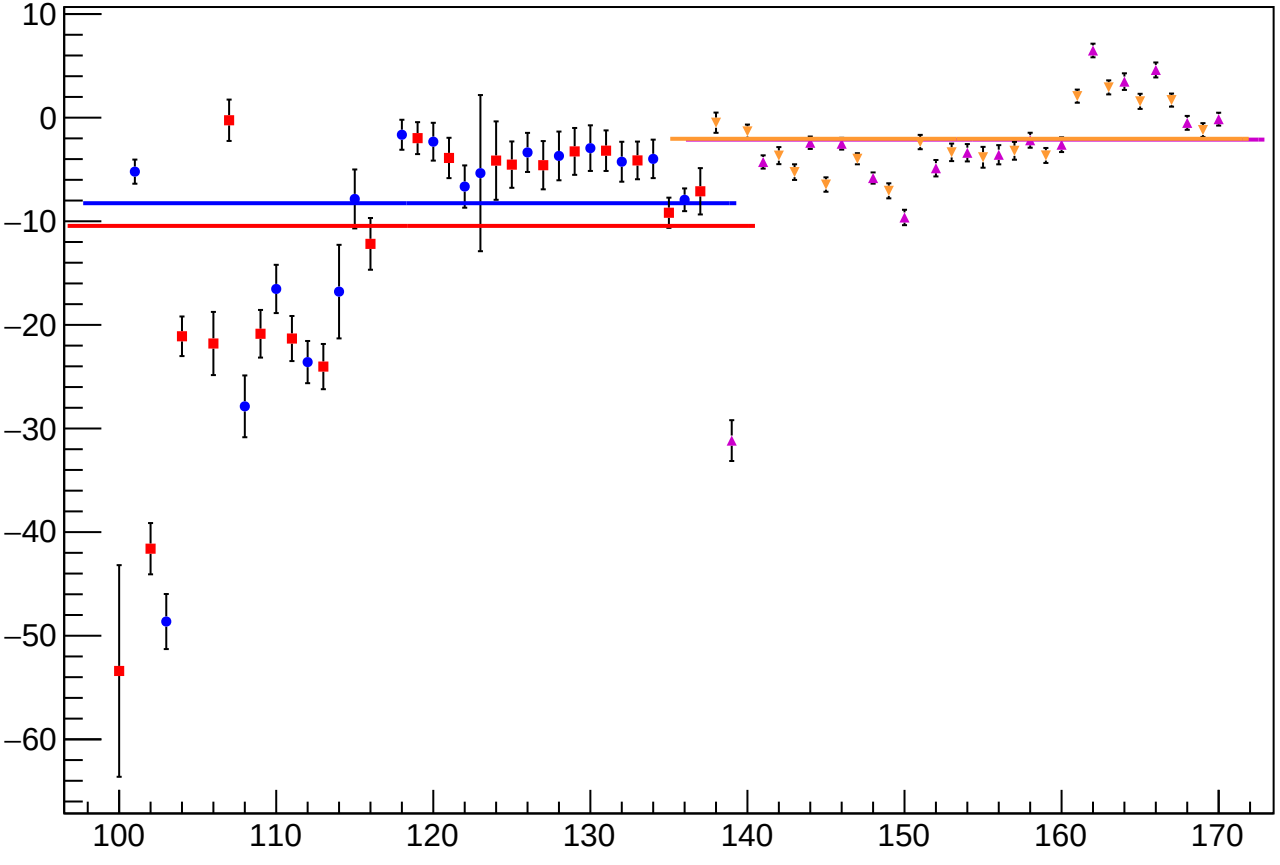
Left In: -31.263+/-0.241 χ^2/NDF:560.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -31.943+/-0.171 χ^2/NDF: 1429.1/32

- 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: -2.039+/-0.174 χ^2/NDF:295.8/16

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

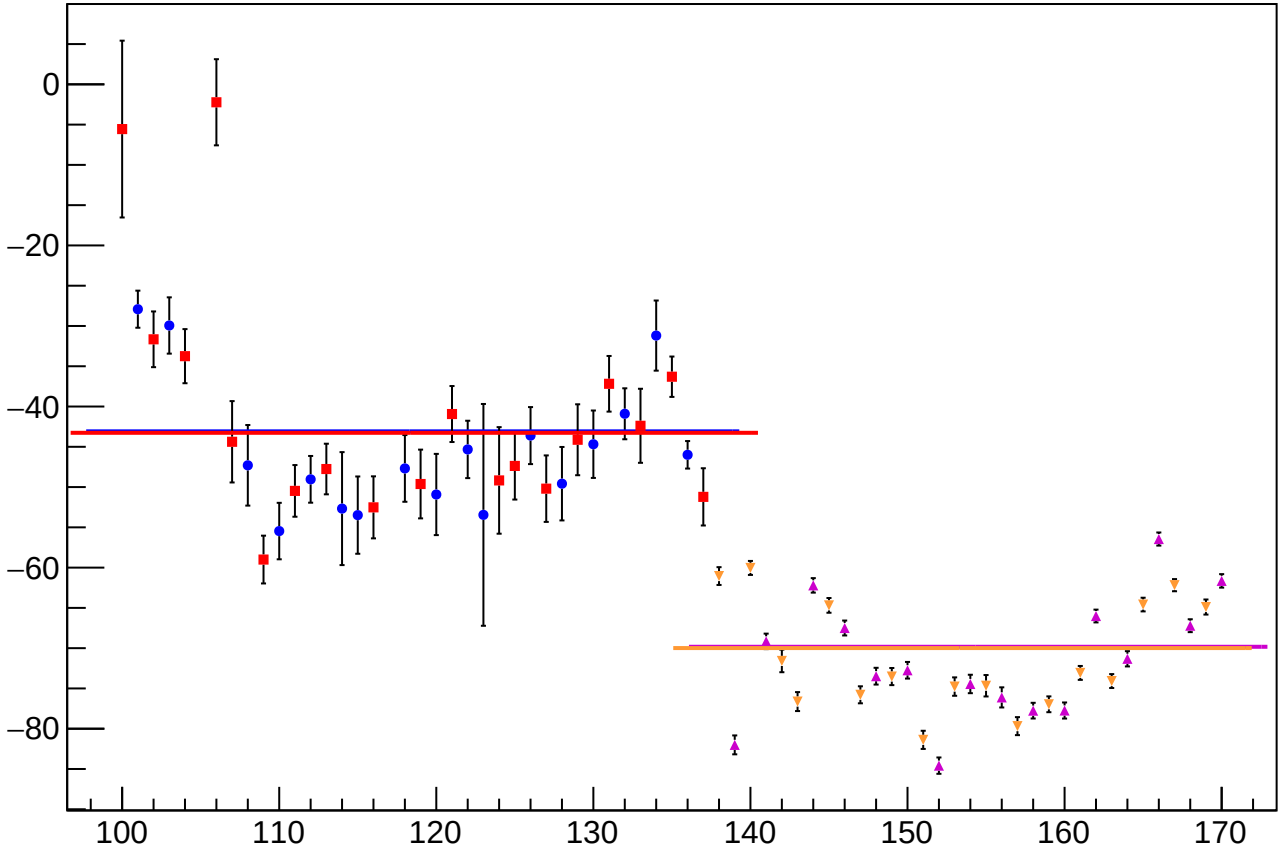
Left In: -2.118+/-0.175 χ^2/NDF:717.8/15

+ sign -2.811+/-0.163 χ^2/NDF: 866.5/33

All: -2.934+/-0.116 χ^2/NDF: 2268.7/68

- sign -3.060+/-0.165 χ^2/NDF: 1401.1/34

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: -69.988+/-0.241 χ^2/NDF:774.8/16

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

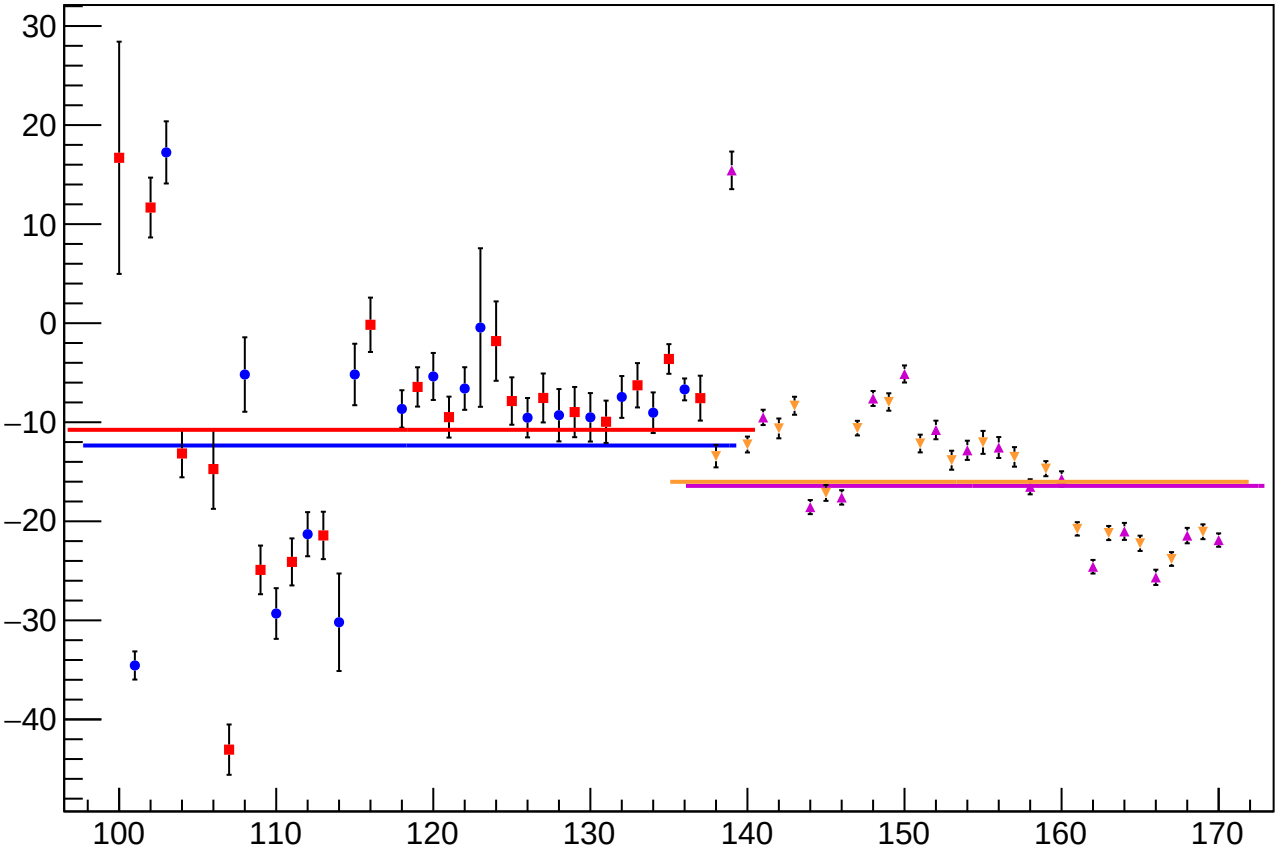
Left In: -69.827+/-0.238 χ^2/NDF:991.1/15

+ sign -67.922+/-0.231 χ^2/NDF: 1834.3/33

All: -67.945+/-0.163 χ^2/NDF: 3853.8/68

- sign -67.968+/-0.229 χ^2/NDF: 2019.5/34

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: -16.013+/-0.201 χ^2/NDF:651.0/16

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

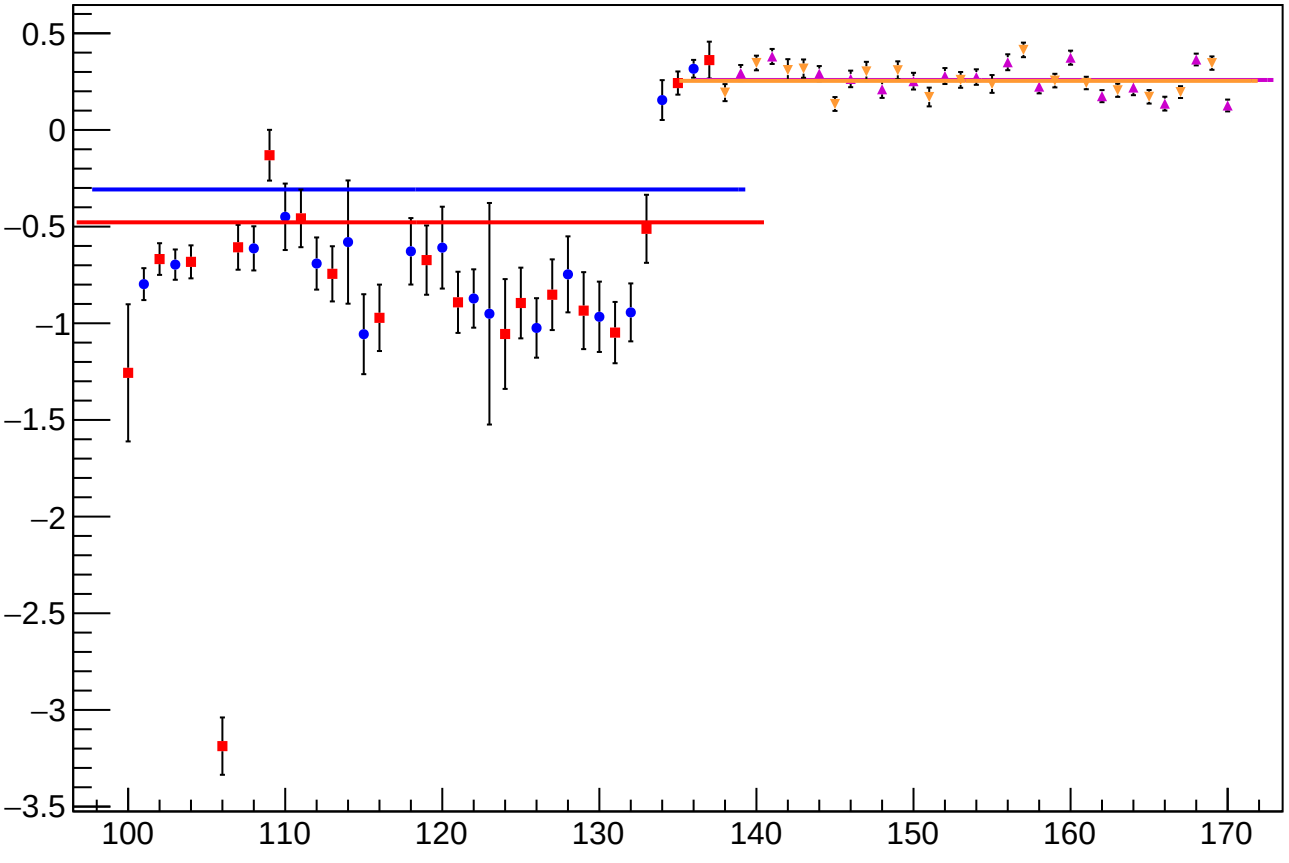
Left In: -16.424+/-0.202 χ^2/NDF:1165.1/15

+ sign -15.536+/-0.187 χ^2/NDF: 1170.2/33

All: -15.644+/-0.133 χ^2/NDF: 2794.8/68

- sign -15.756+/-0.190 χ^2/NDF: 1624.0/34

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: 0.254+/-0.009 χ^2/NDF:63.6/16

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

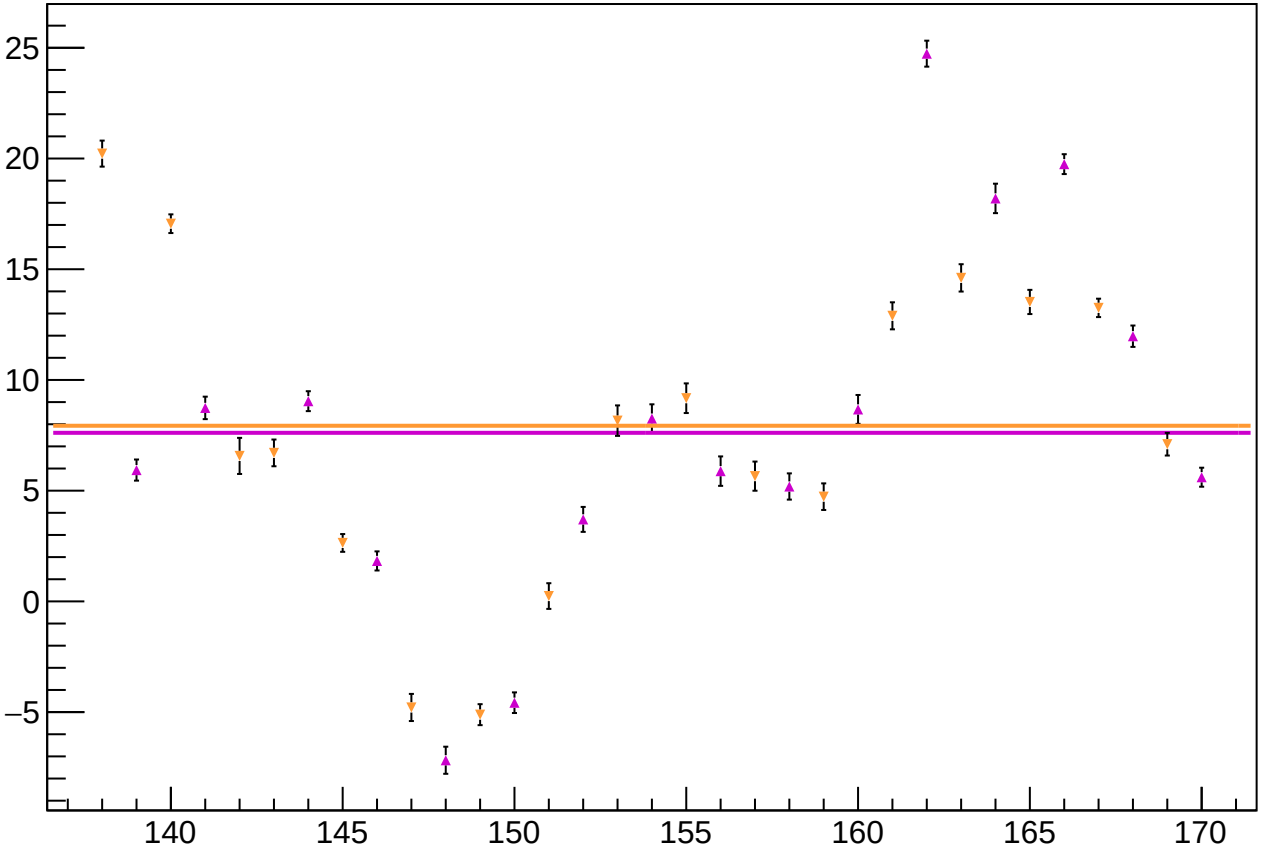
Left In: 0.259+/-0.009 χ^2/NDF:79.3/15

+ sign 0.195+/-0.009 χ^2/NDF: 808.9/33

All: 0.191+/-0.006 χ^2/NDF: 2121.2/68

- sign 0.187+/-0.009 χ^2/NDF: 1311.9/34

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: 7.932+/-0.133 χ^2/NDF:2949.9/16

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

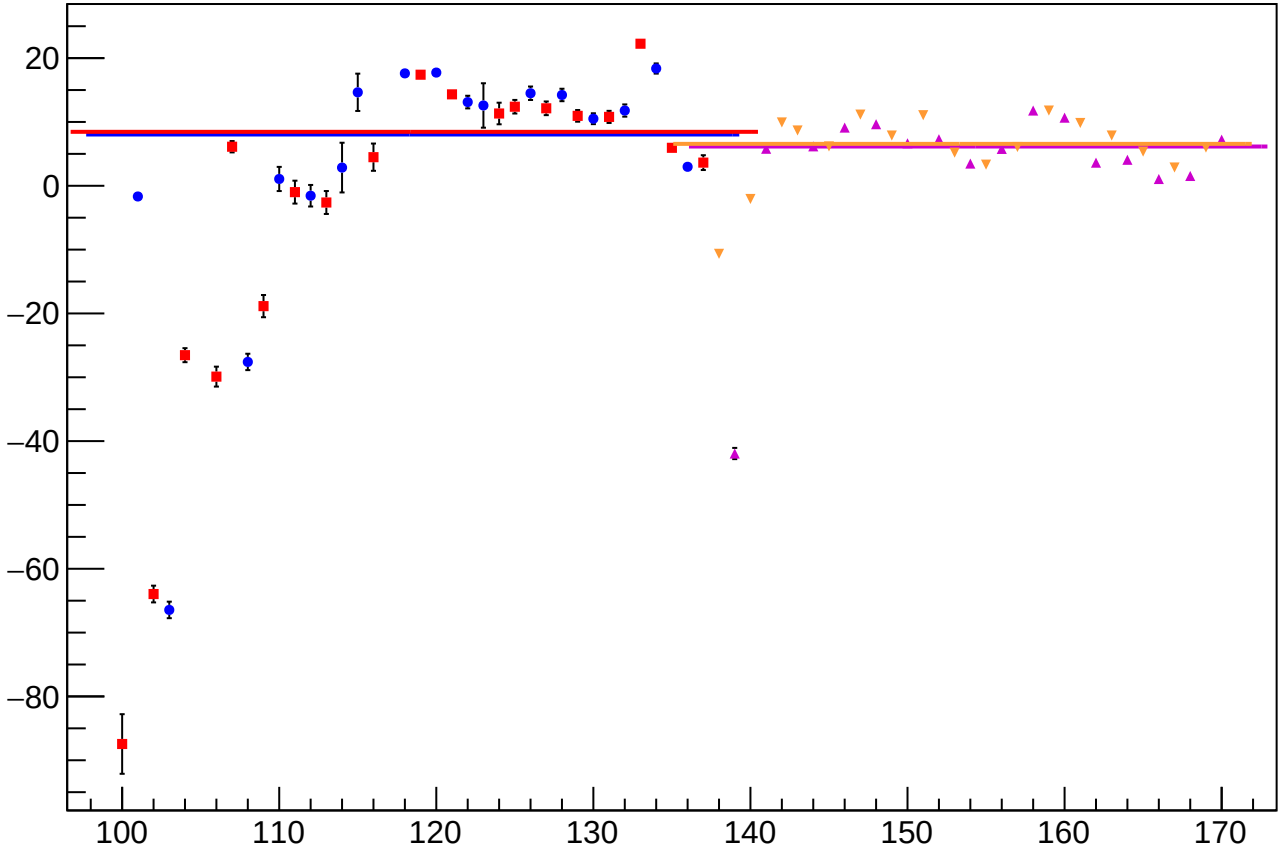
Left In: 7.613+/-0.130 χ^2/NDF:3490.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.770+/-0.093 χ^2/NDF: 6443.5/32

- 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: 6.566+/-0.095 χ^2/NDF:2344.4/16

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

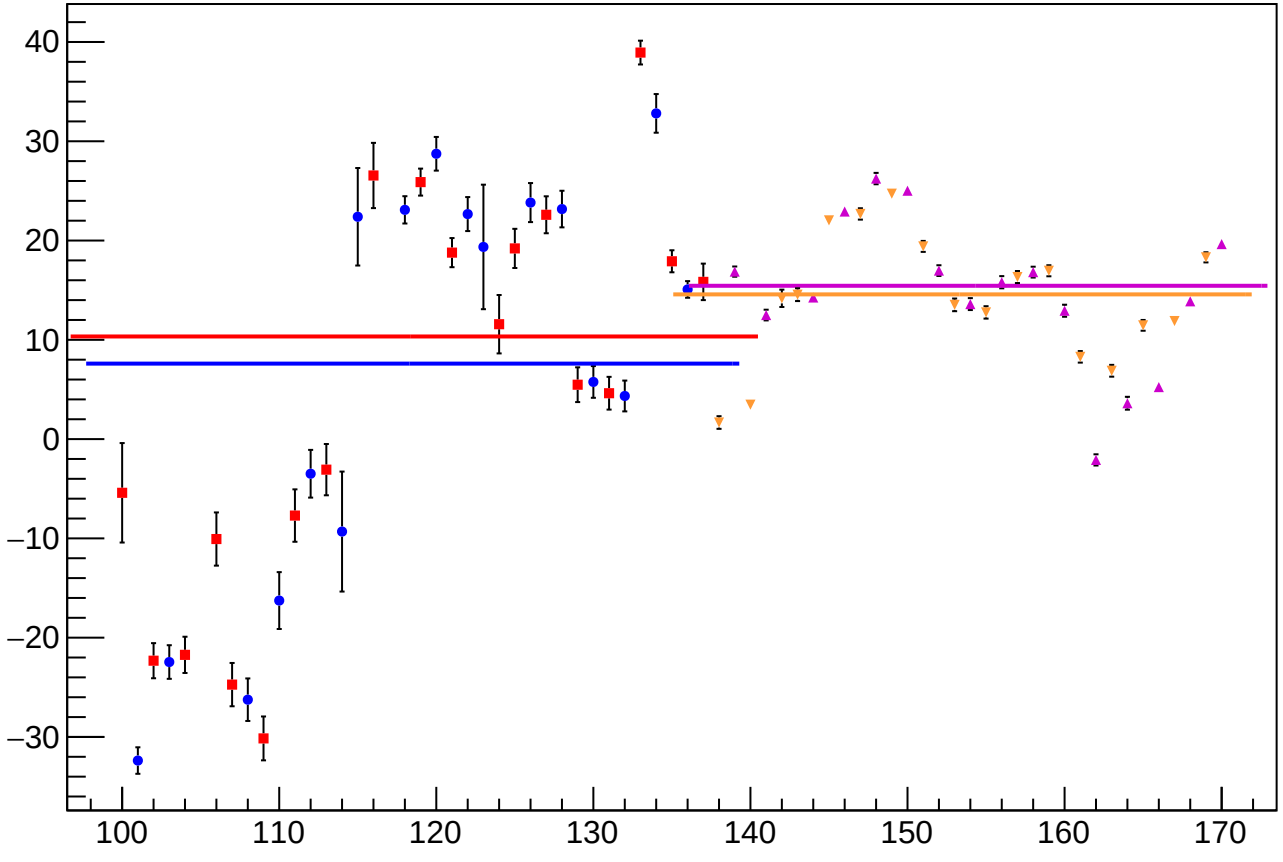
Left In: 6.151+/-0.096 χ^2/NDF:3926.0/15

+ sign 6.808+/-0.087 χ^2/NDF: 7752.8/33

All: 6.673+/-0.062 χ^2/NDF: 18484.9/68

- sign 6.538+/-0.087 χ^2/NDF: 10727.3/34

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: 14.577+/-0.132 χ^2/NDF:2578.0/16

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

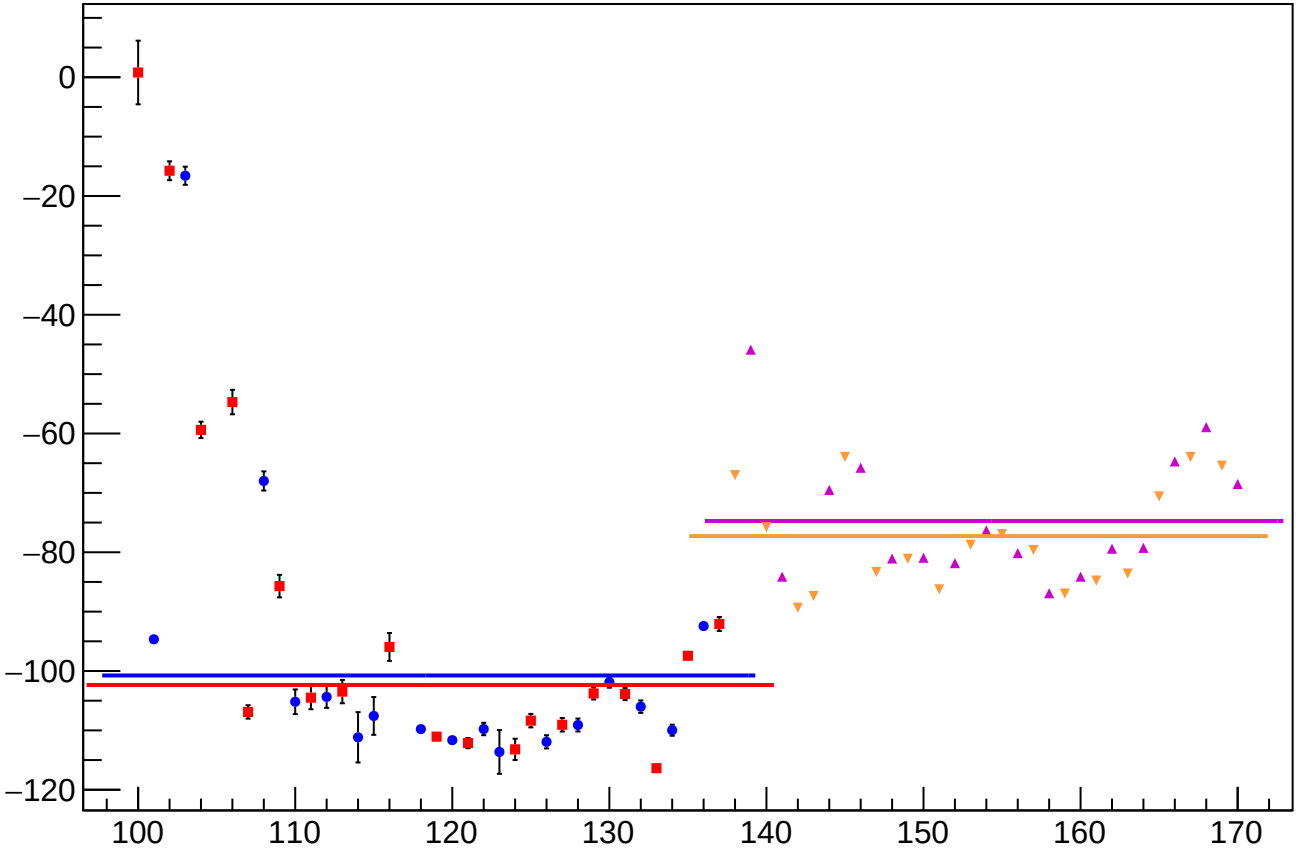
Left In: 15.444+/-0.129 χ^2/NDF:3149.0/15

+ sign 13.941+/-0.126 χ^2/NDF: 5158.6/33

All: 14.482+/-0.088 χ^2/NDF: 10763.0/68

- sign 14.999+/-0.123 χ^2/NDF: 5568.1/34

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: -77.285+/-0.111 χ^2/NDF:6149.2/16

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

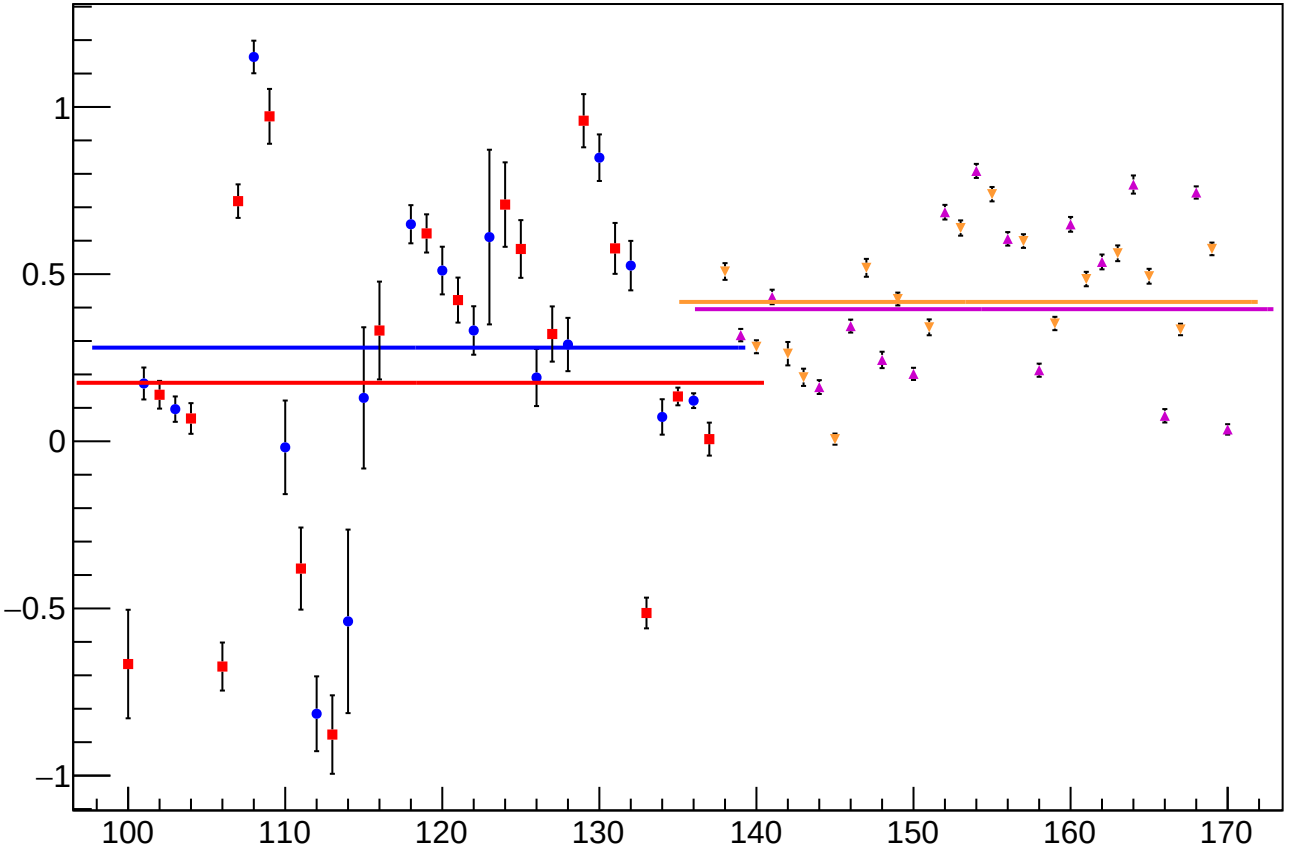
Left In: -74.728+/-0.111 χ^2/NDF:6637.7/15

+ sign -81.199+/-0.101 χ^2/NDF: 18132.1/33

All: -80.279+/-0.071 χ^2/NDF: 41488.0/68

- sign -79.366+/-0.101 χ^2/NDF: 23191.5/34

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: 0.417+/-0.005 χ^2/NDF:1348.6/16

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

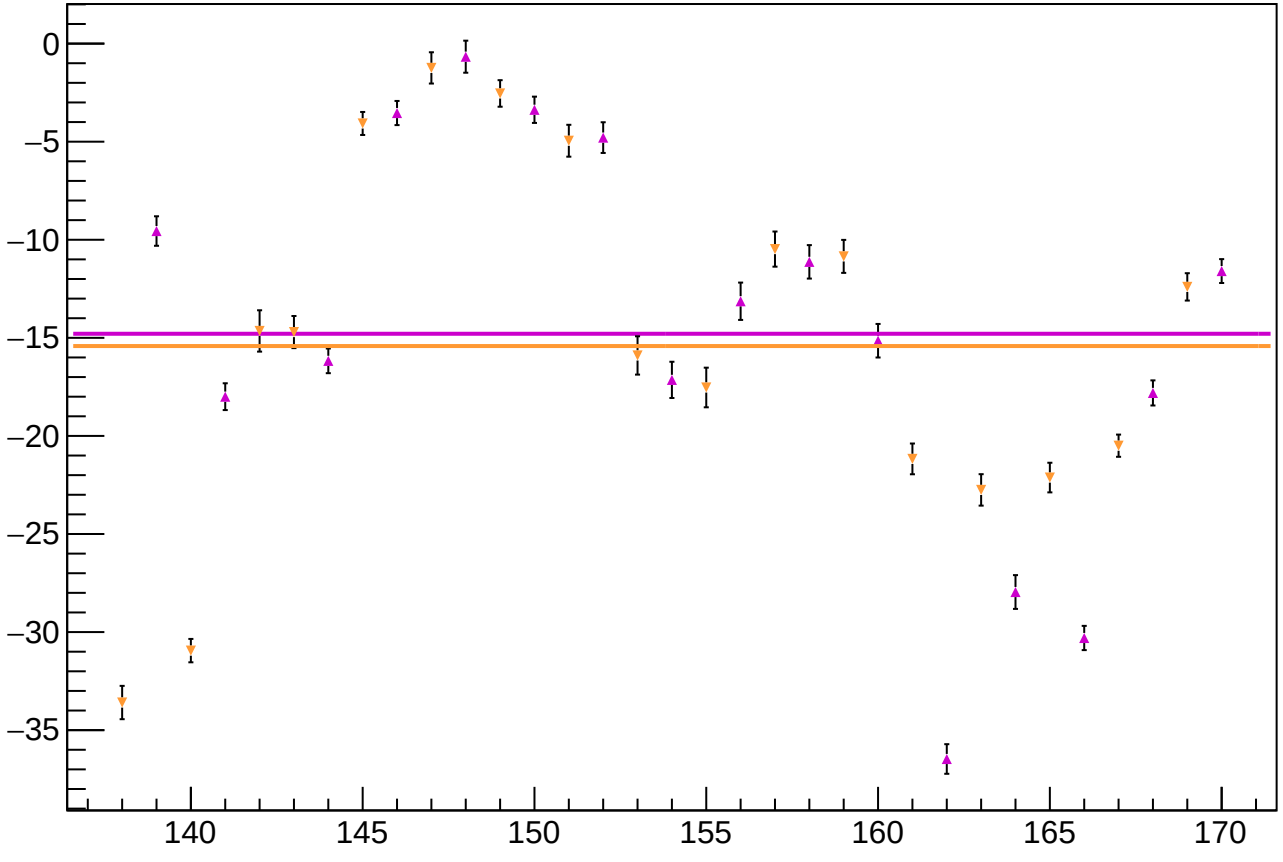
Left In: 0.395+/-0.005 χ^2/NDF:2561.1/15

+ sign 0.399+/-0.005 χ^2/NDF: 2094.3/33

All: 0.383+/-0.003 χ^2/NDF: 5878.5/68

- sign 0.368+/-0.005 χ^2/NDF: 3762.7/34

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -15.419+/-0.184 χ^2/NDF:2736.2/16

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

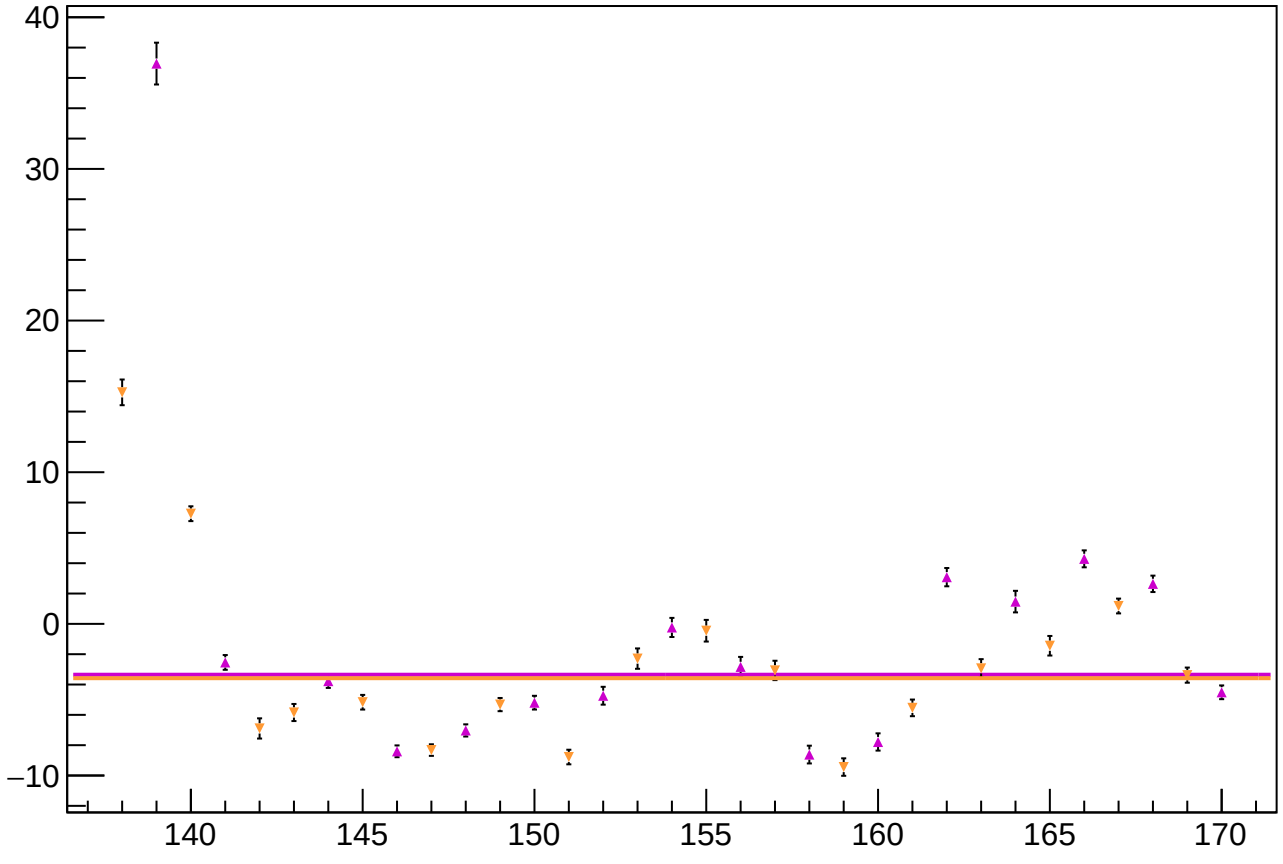
Left In: -14.792+/-0.182 χ^2/NDF:2928.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.101+/-0.129 χ^2/NDF: 5670.9/32

- 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: -3.582+/-0.131 χ^2/NDF:1573.3/16

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

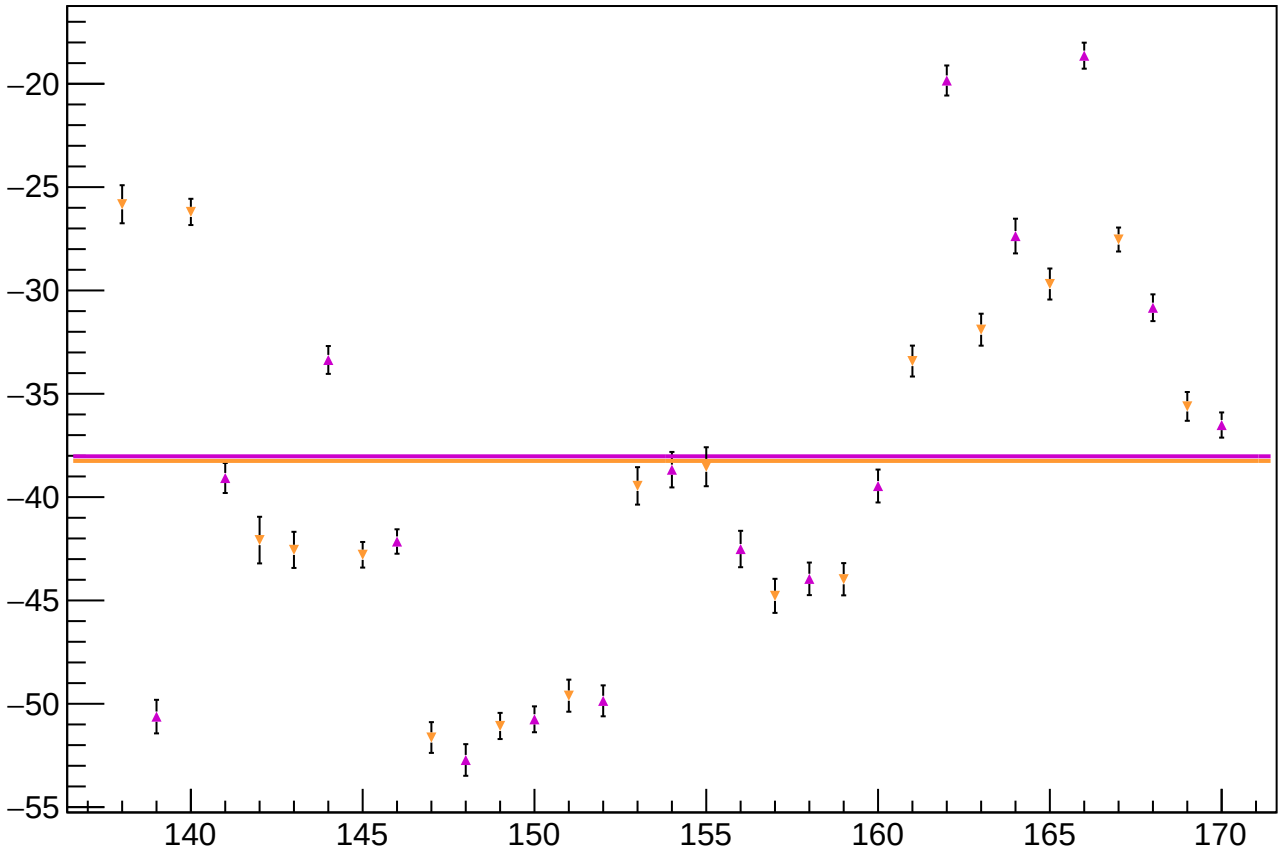
Left In: -3.354+/-0.132 χ^2/NDF:1773.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.469+/-0.093 χ^2/NDF: 3348.6/32

- 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: -38.249+/-0.182 χ^2/NDF:2292.8/16

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

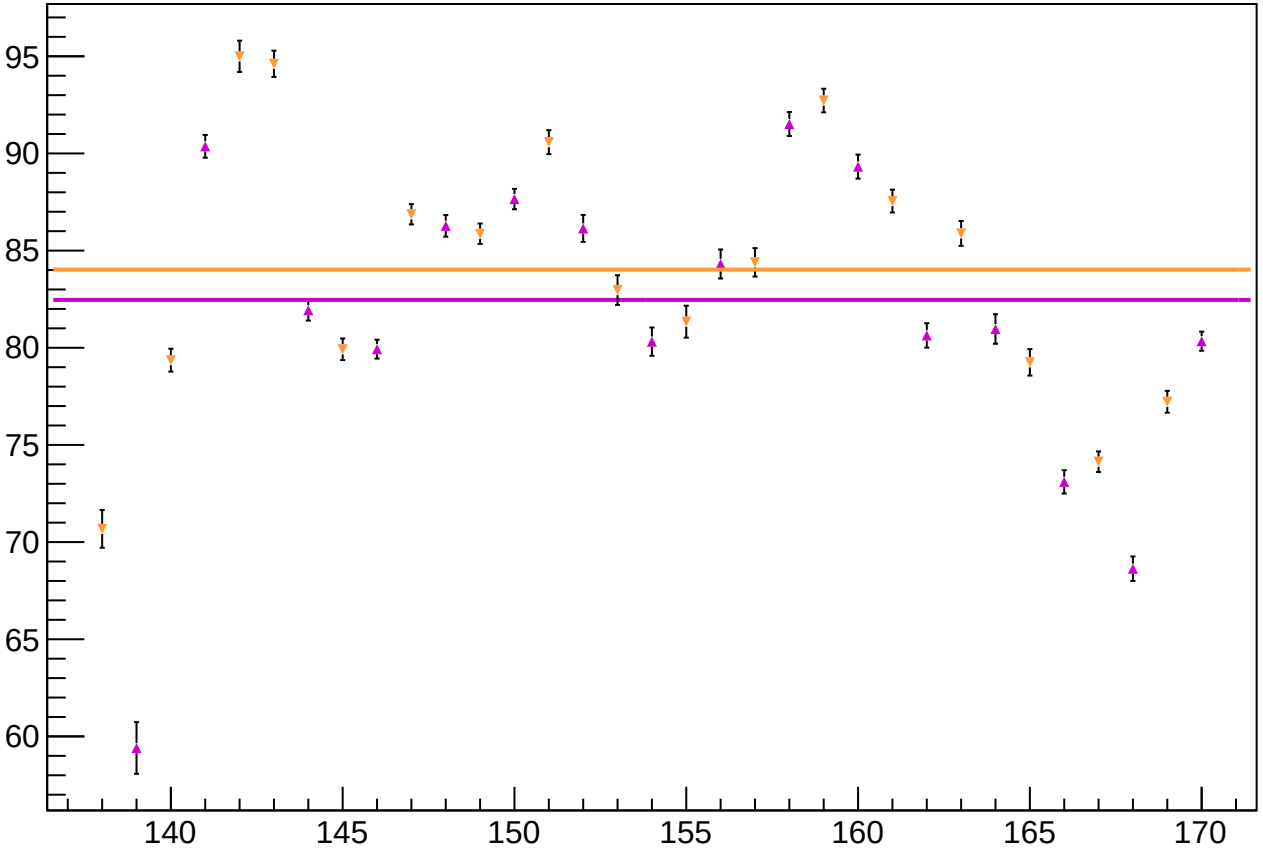
Left In: -38.025+/-0.179 χ^2/NDF:3320.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -38.135+/-0.128 χ^2/NDF: 5614.3/32

- 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: 84.023+/-0.153 χ^2/NDF:1695.1/16

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

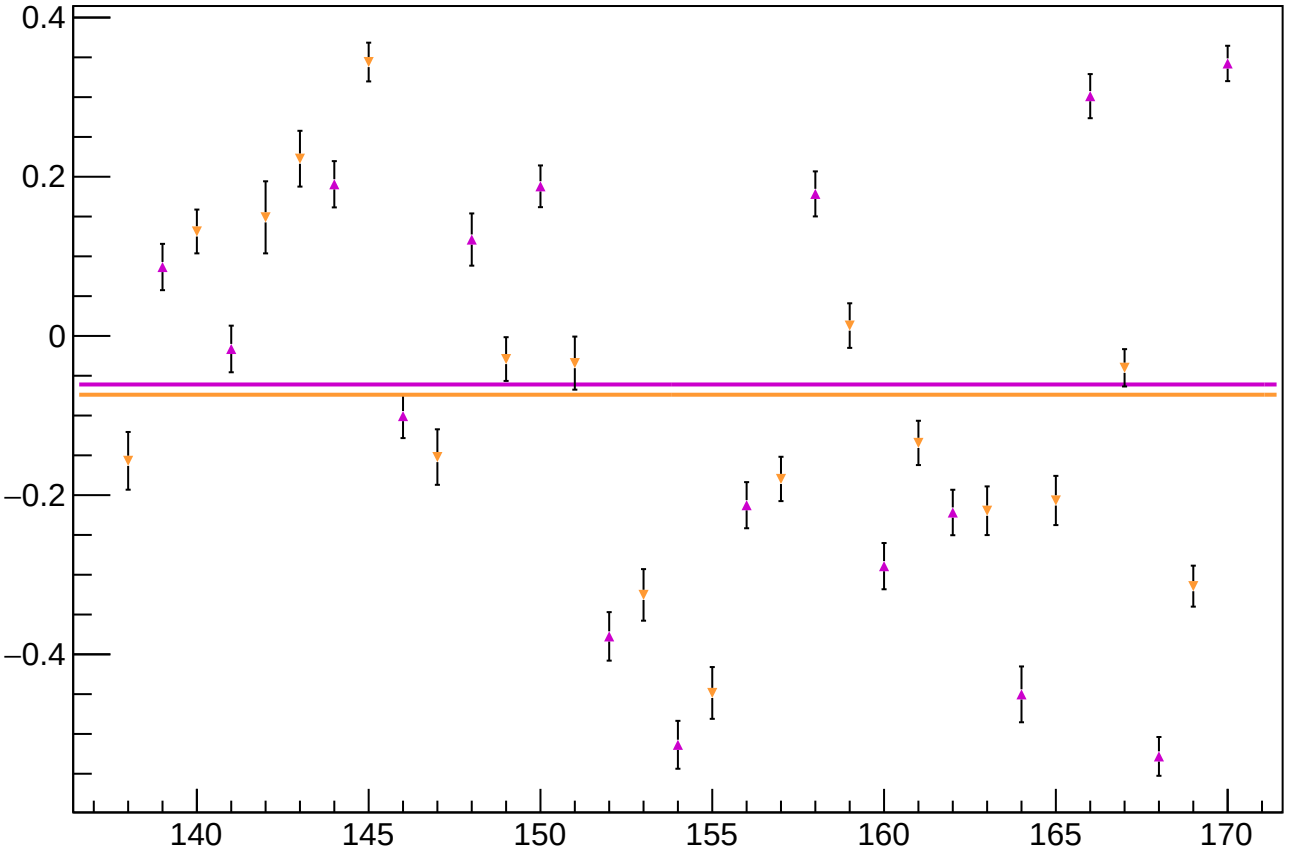
Left In: 82.463+/-0.153 χ^2/NDF:1795.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 83.243+/-0.108 χ^2/NDF: 3542.6/32

- 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: -0.074+/-0.007 χ^2/NDF:812.7/16

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

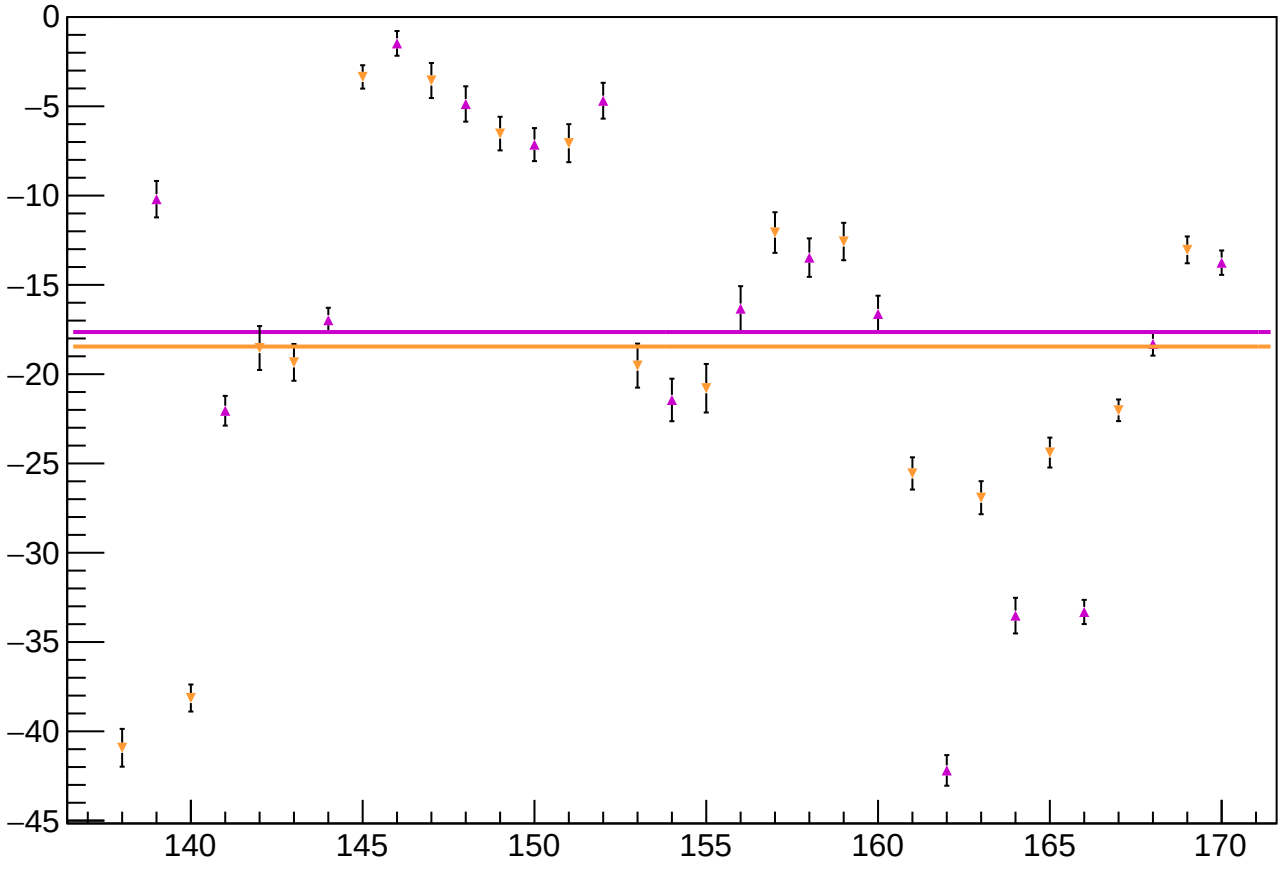
Left In: -0.061+/-0.007 χ^2/NDF:1744.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.067+/-0.005 χ^2/NDF: 2558.3/32

- 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: -18.454+/-0.219 χ^2/NDF:2513.4/16

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

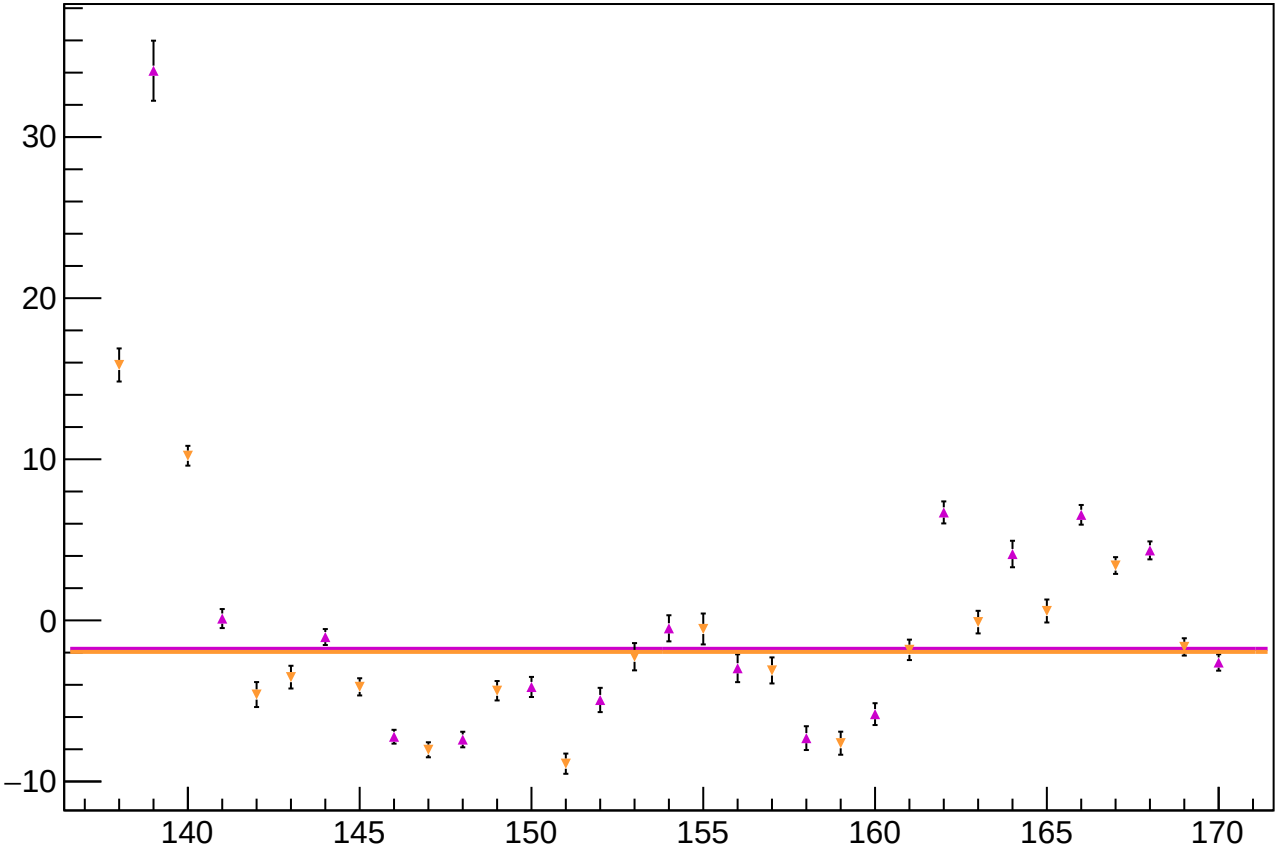
Left In: -17.641+/-0.214 χ^2/NDF:2758.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -18.037+/-0.153 χ^2/NDF: 5279.2/32

- 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: -1.955+/-0.158 χ^2/NDF:1227.7/16

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

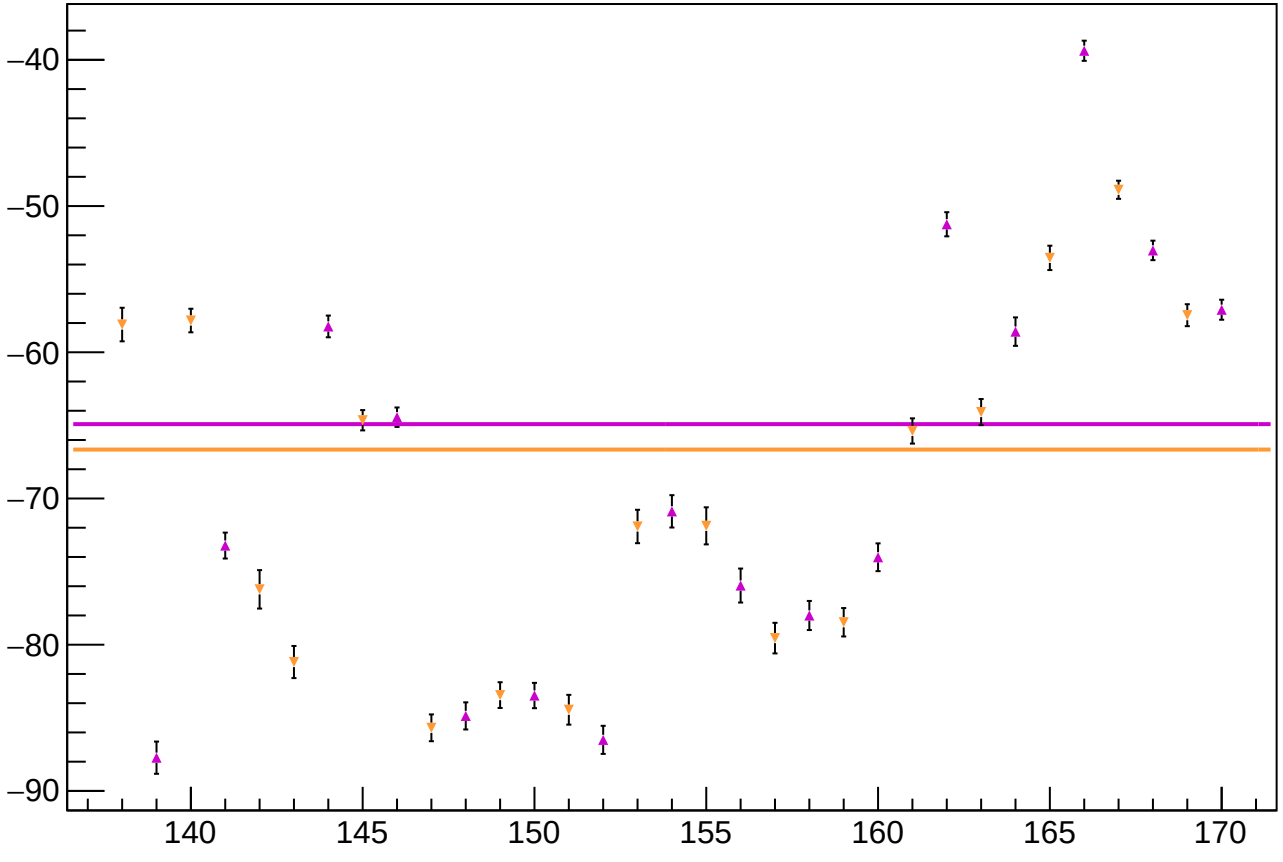
Left In: -1.765+/-0.155 χ^2/NDF:1321.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.859+/-0.111 χ^2/NDF: 2550.3/32

- 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: -66.654+/-0.218 χ^2/NDF:3077.4/16

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

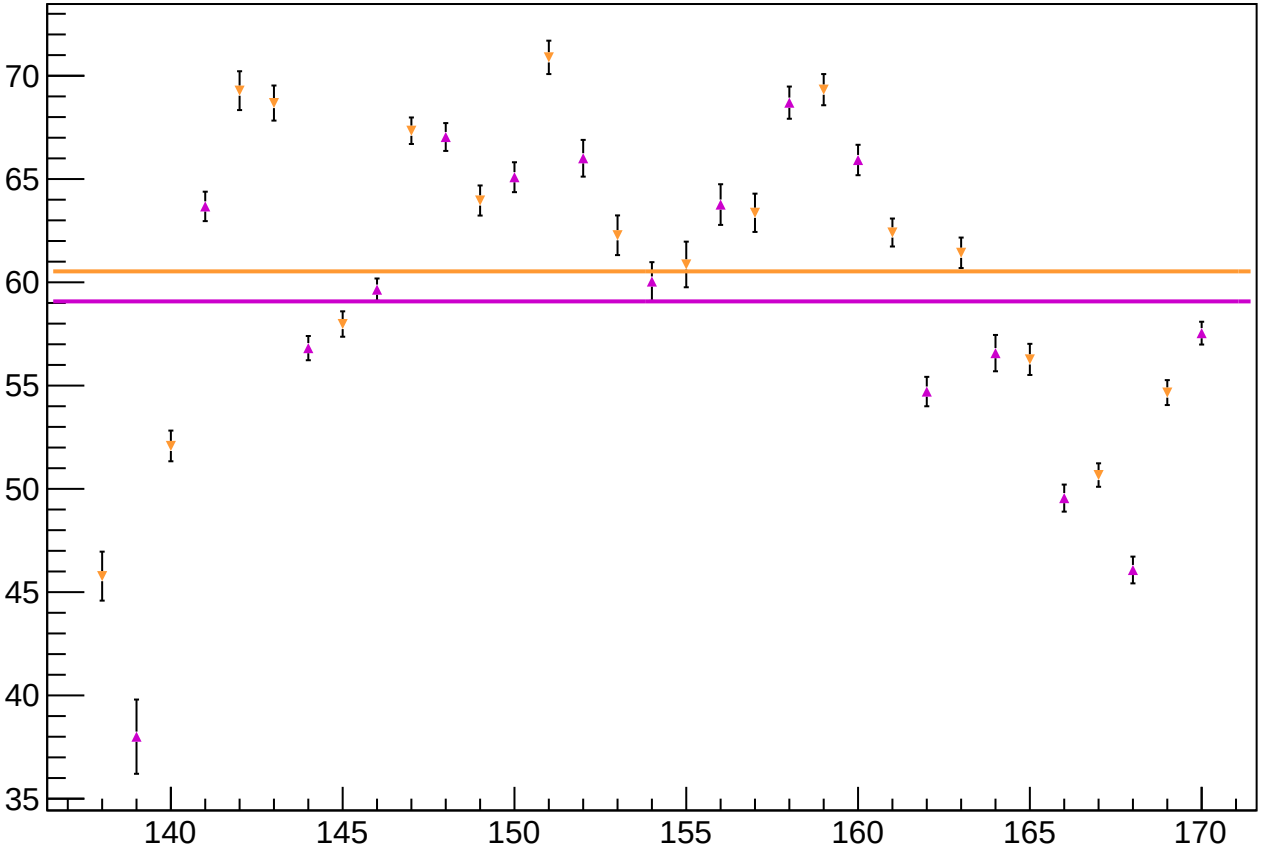
Left In: -64.915+/-0.211 χ^2/NDF:4545.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -65.756+/-0.152 χ^2/NDF: 7655.6/32

- 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: 60.530+/-0.183 χ^2/NDF:1364.4/16

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

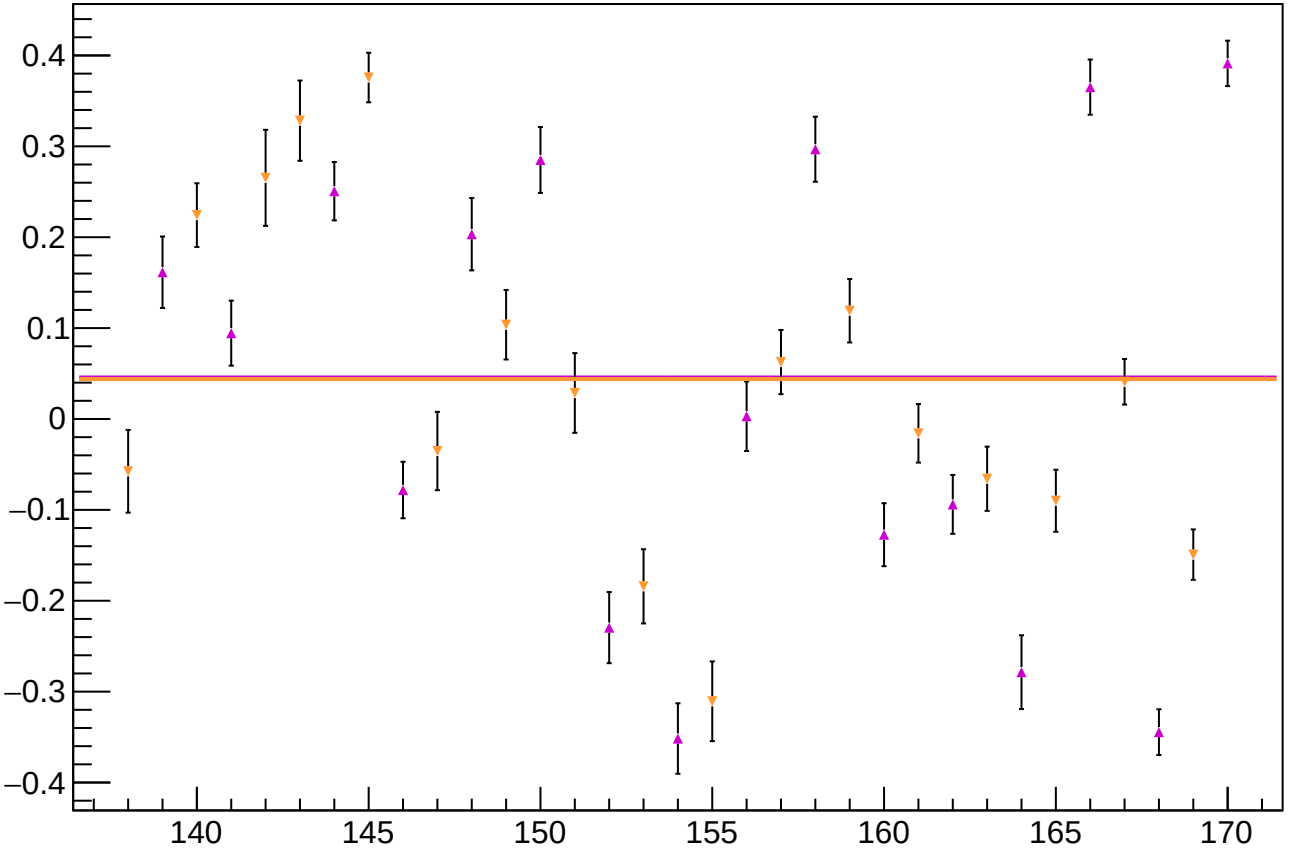
Left In: 59.076+/-0.180 χ^2/NDF:1394.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 59.792+/-0.128 χ^2/NDF: 2791.0/32

- 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: 0.044+/-0.009 χ^2/NDF:423.0/16

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

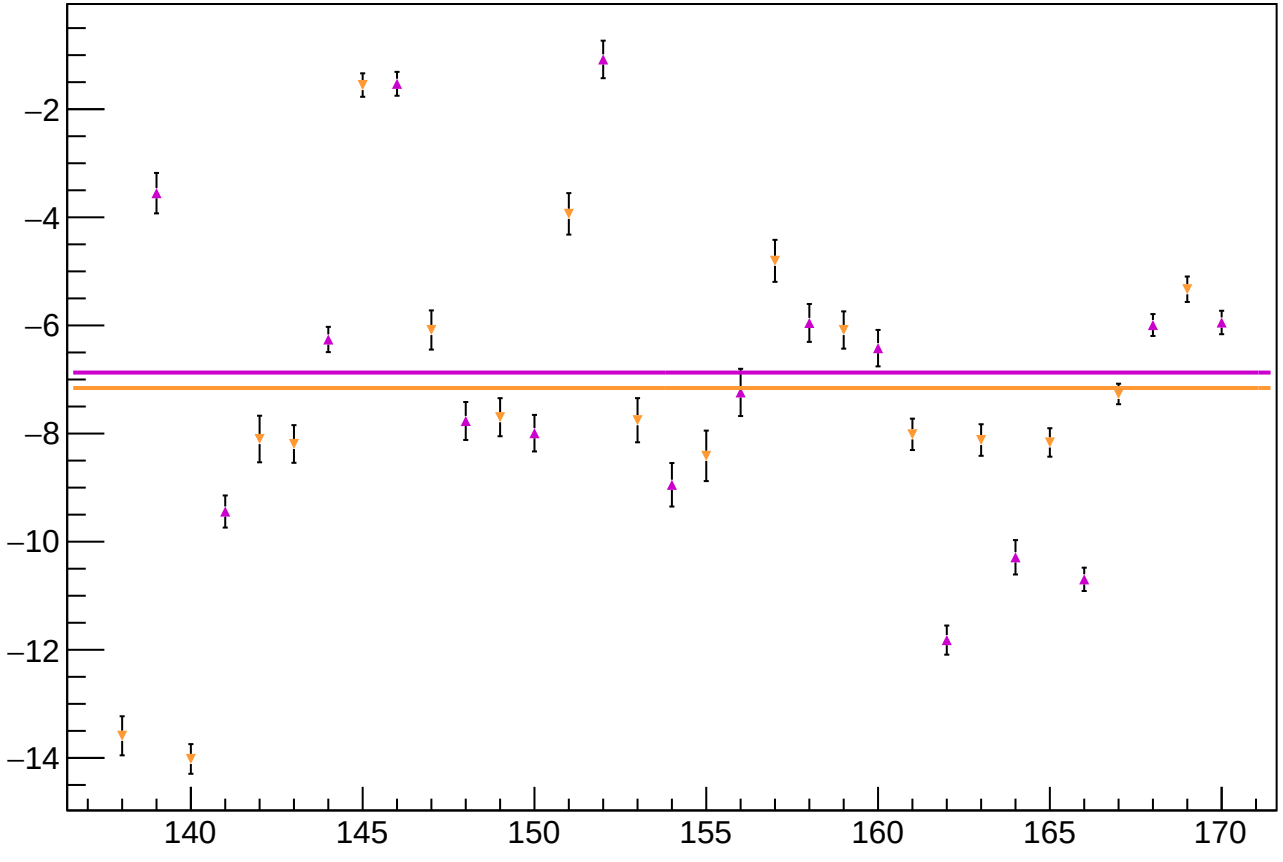
Left In: 0.046+/-0.008 χ^2/NDF:981.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.045+/-0.006 χ^2/NDF: 1404.0/32

- 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: -7.157+/-0.073 χ^2/NDF:1853.6/16

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

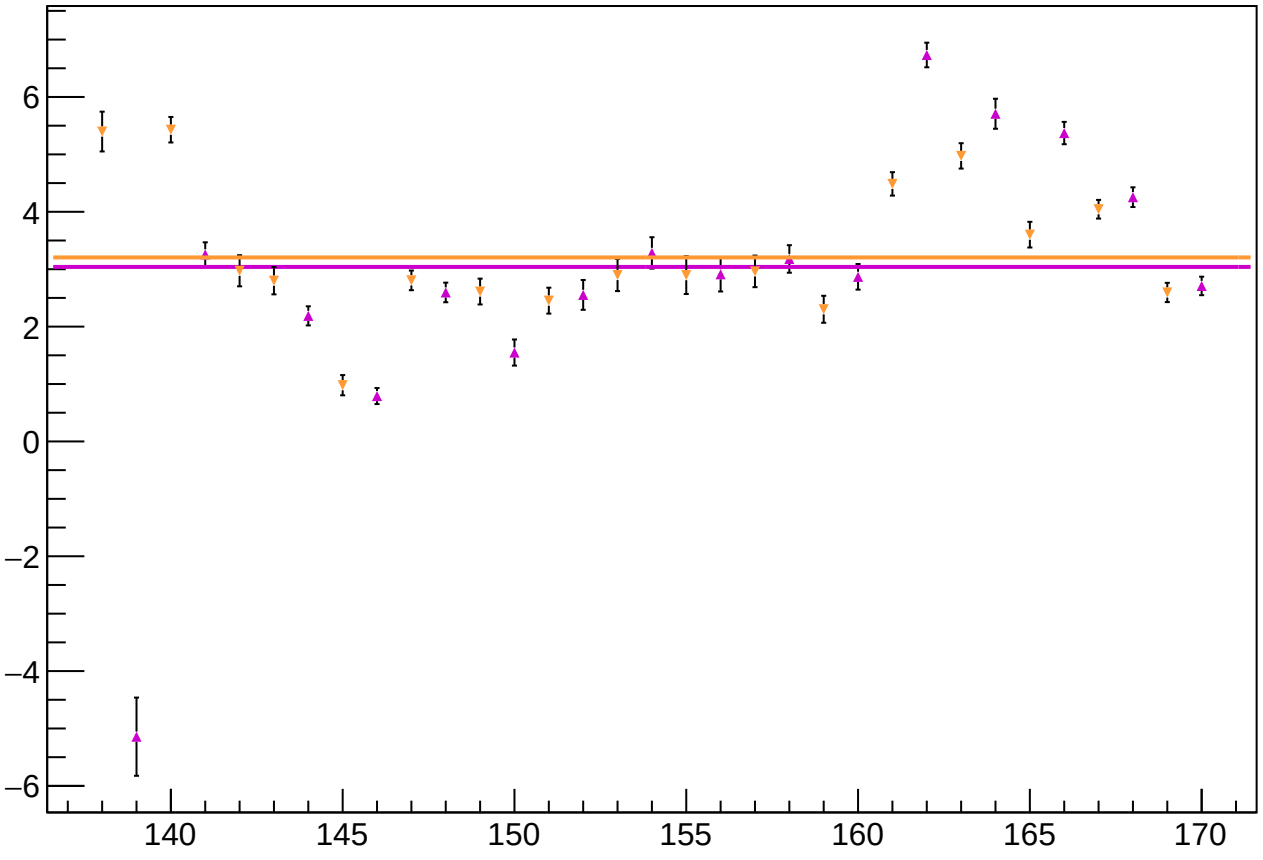
Left In: -6.872+/-0.070 χ^2/NDF:1881.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.009+/-0.051 χ^2/NDF: 3742.7/32

- 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: 3.205+/-0.053 χ^2/NDF:490.8/16

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

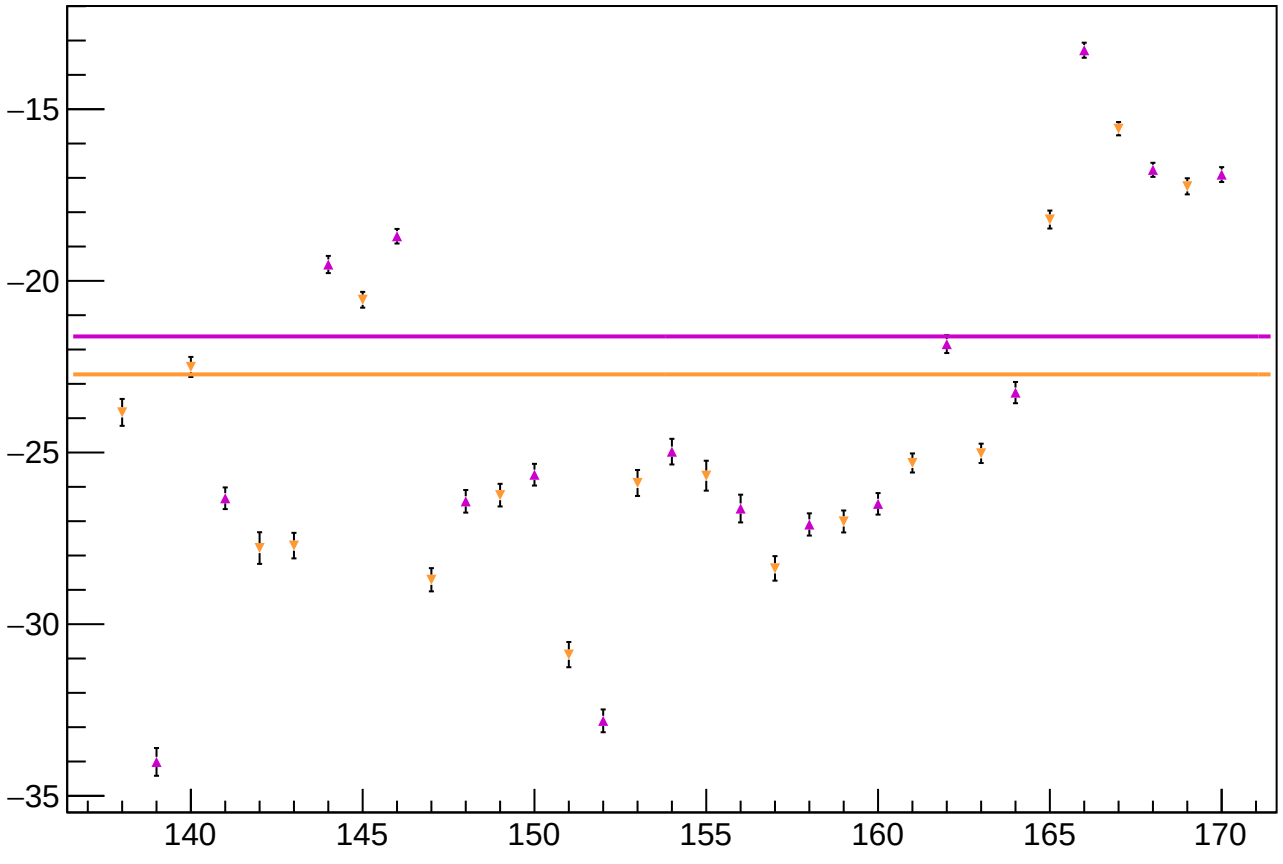
Left In: 3.040+/-0.051 χ^2/NDF:1084.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.120+/-0.037 χ^2/NDF: 1580.4/32

- 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: -22.724+/-0.073 χ^2/NDF:4213.8/16

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

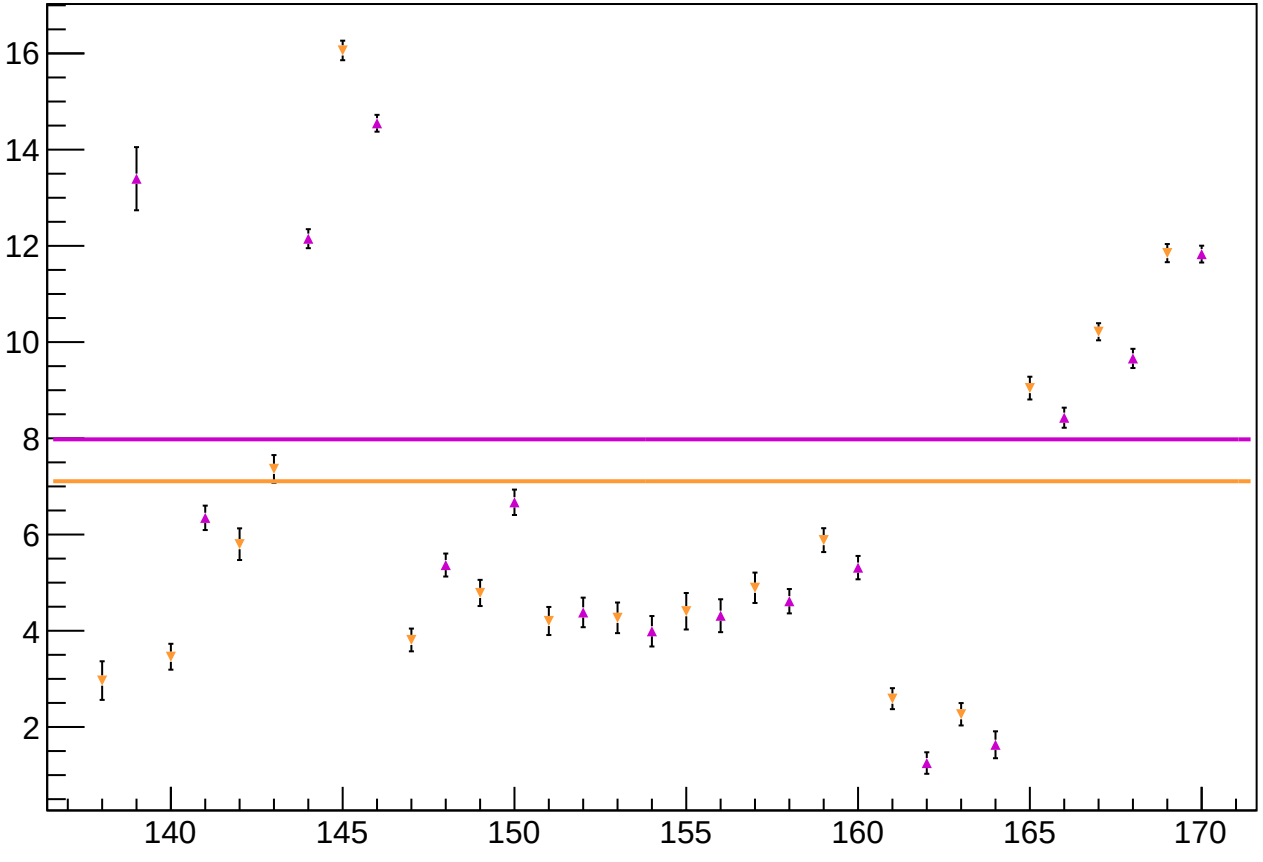
Left In: -21.619+/-0.070 χ^2/NDF:6193.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -22.147+/-0.050 χ^2/NDF: 10527.3/32

- 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: 7.108+/-0.061 χ^2/NDF:4685.4/16

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

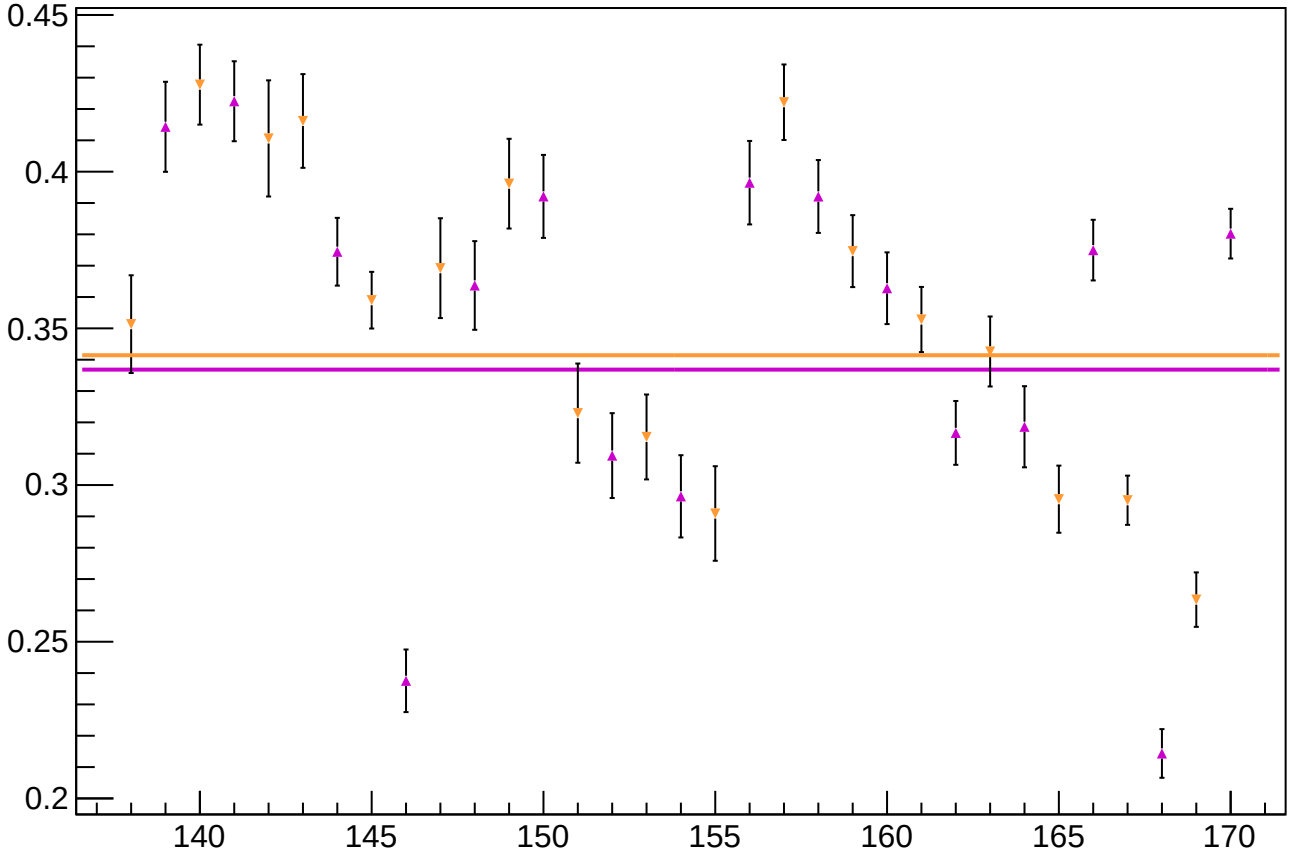
Left In: 7.978+/-0.059 χ^2/NDF:4798.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.554+/-0.043 χ^2/NDF: 9588.4/32

- 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: 0.341+/-0.003 χ^2/NDF:311.1/16

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

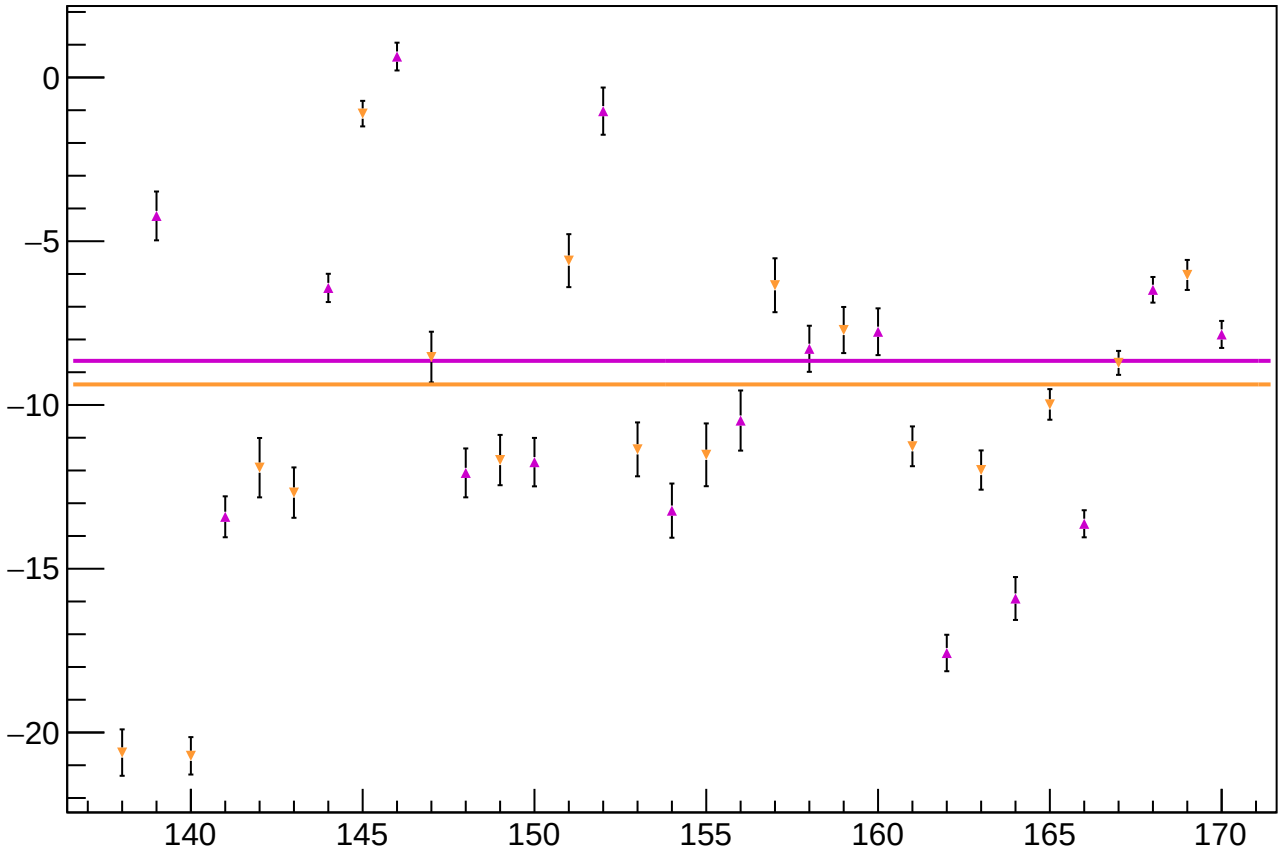
Left In: 0.337+/-0.003 χ^2/NDF:567.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.339+/-0.002 χ^2/NDF: 879.9/32

- 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: -9.372+/-0.145 χ^2/NDF:1269.9/16

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

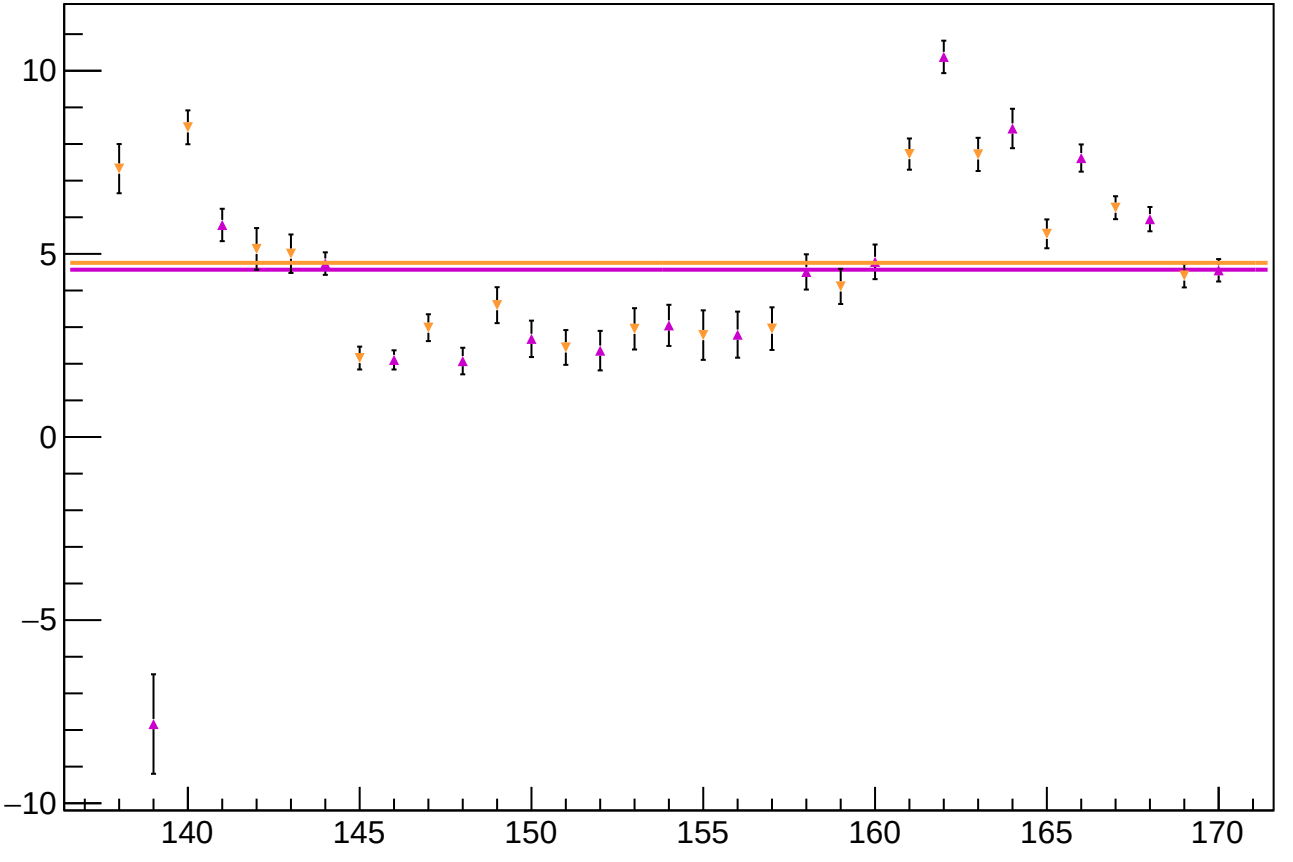
Left In: -8.653+/-0.140 χ^2/NDF:1344.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.000+/-0.100 χ^2/NDF: 2627.7/32

- 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: 4.756+/-0.106 χ^2/NDF:351.0/16

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

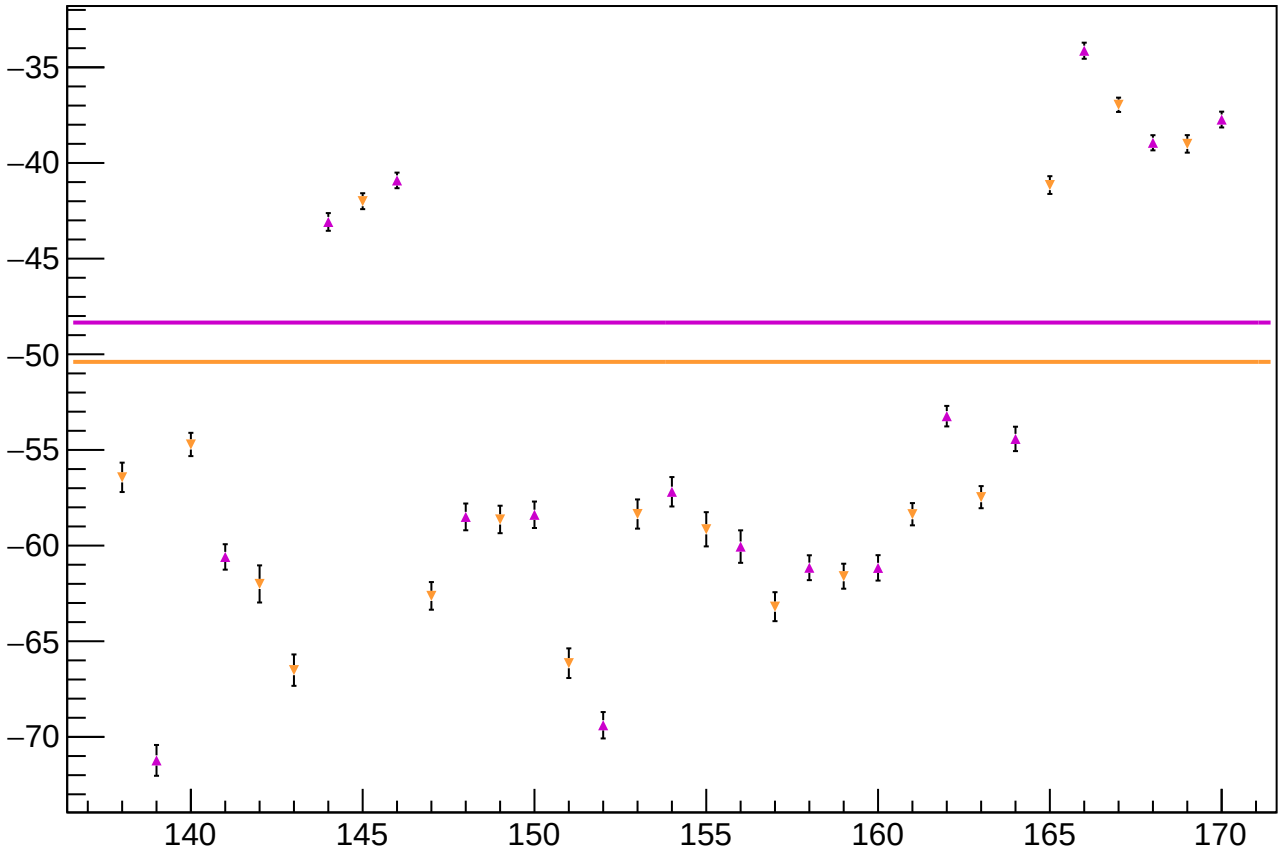
Left In: 4.568+/-0.102 χ^2/NDF:581.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.658+/-0.074 χ^2/NDF: 934.1/32

- 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: -50.397+/-0.145 χ^2/NDF:5304.6/16

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

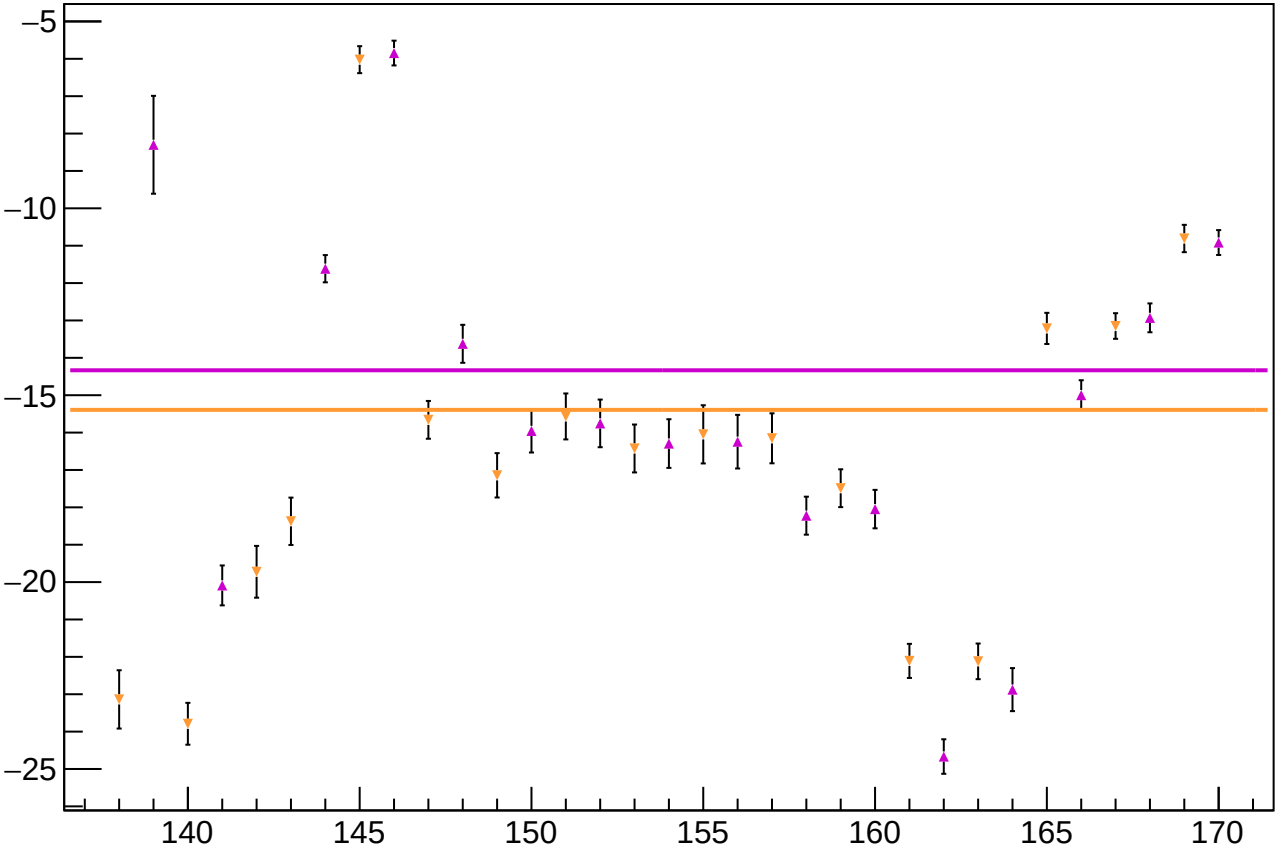
Left In: -48.342+/-0.138 χ^2/NDF:6581.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -49.324+/-0.100 χ^2/NDF: 11991.3/32

- 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: -15.392+/-0.122 χ^2/NDF:1732.8/16

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

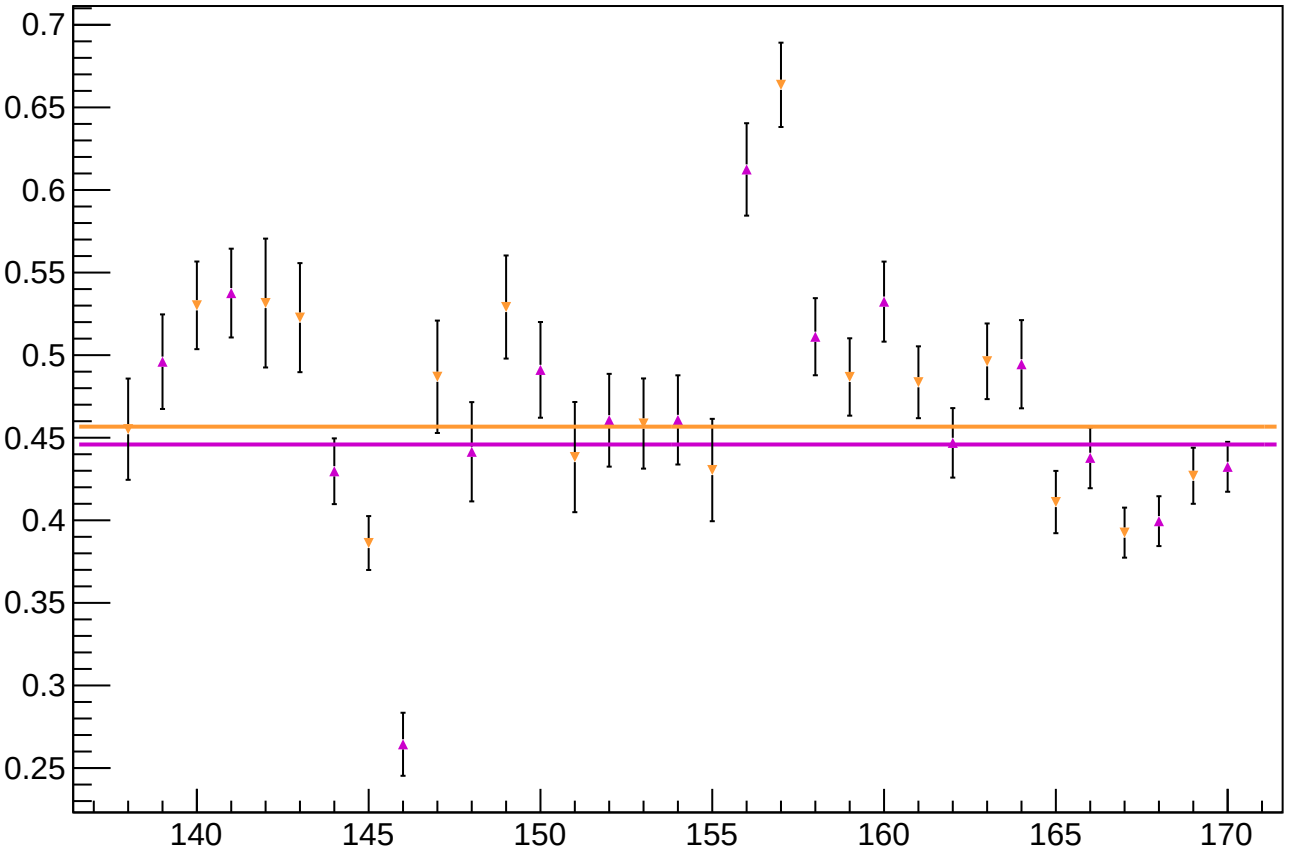
Left In: -14.333+/-0.118 χ^2/NDF:1833.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.847+/-0.085 χ^2/NDF: 3605.7/32

- 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: 0.457+/-0.006 χ^2/NDF:139.9/16

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

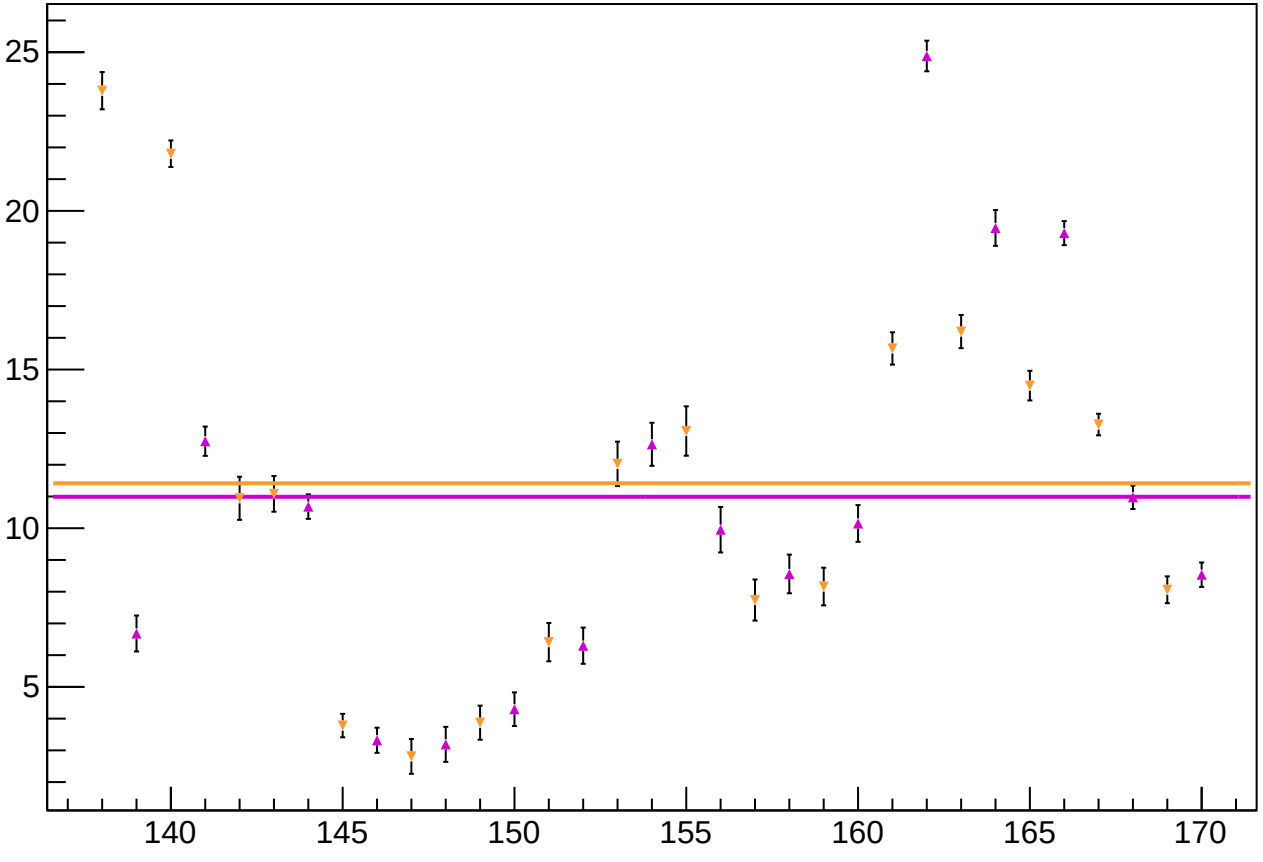
Left In: 0.446+/-0.006 χ^2/NDF:178.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.451+/-0.004 χ^2/NDF: 320.4/32

- 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: 11.416+/-0.123 χ^2/NDF:2358.2/16

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

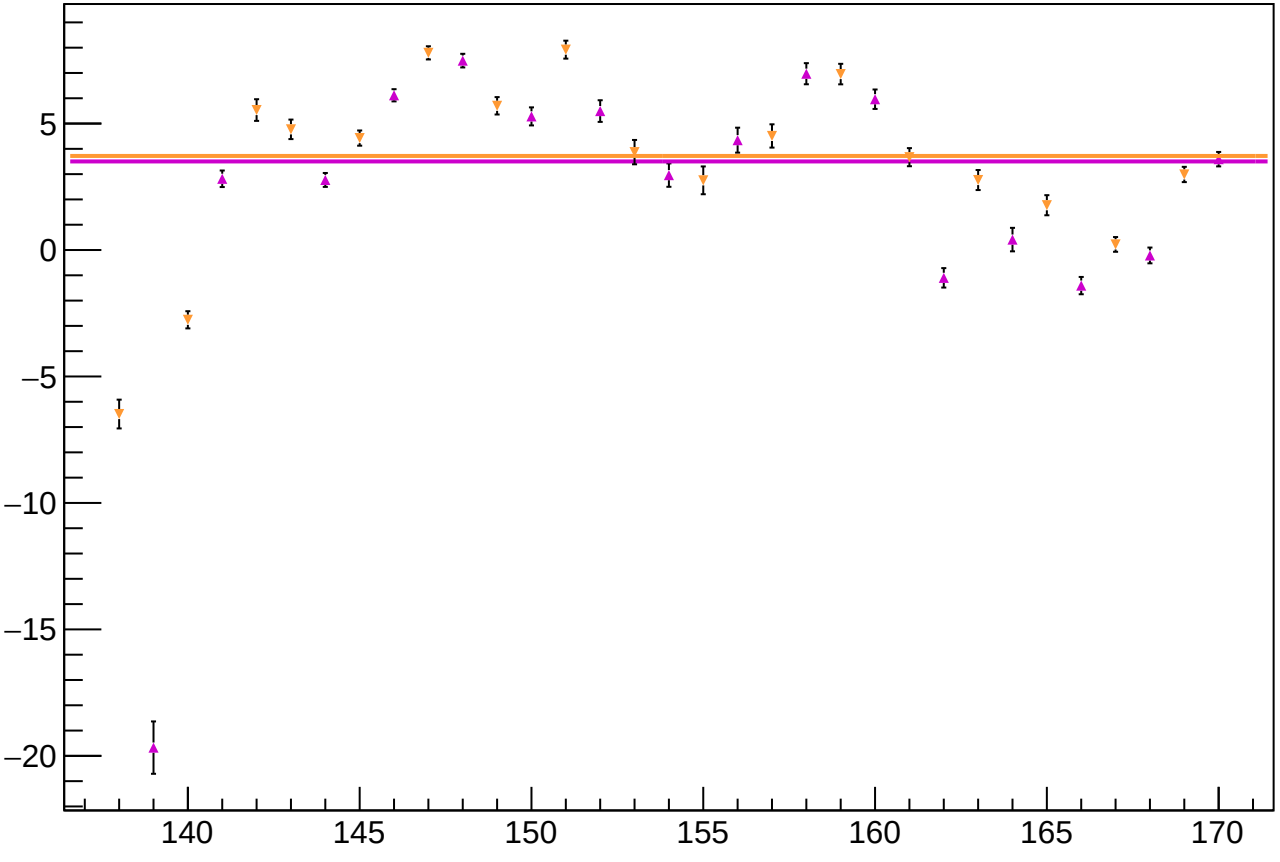
Left In: 10.991+/-0.120 χ^2/NDF:2479.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 11.199+/-0.086 χ^2/NDF: 4843.6/32

- 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: 3.720+/-0.088 χ^2/NDF:1383.7/16

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

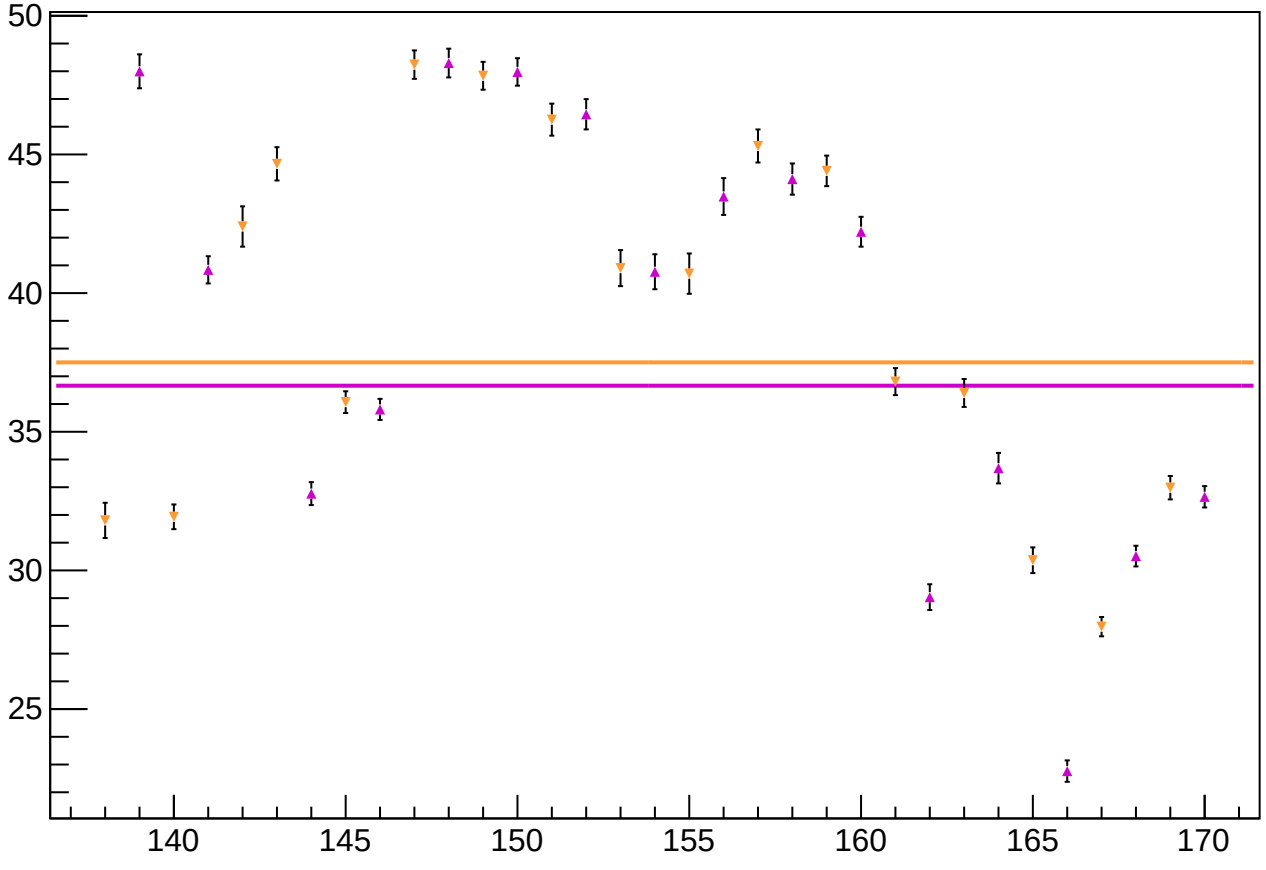
Left In: 3.502+/-0.087 χ^2/NDF:1545.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.609+/-0.062 χ^2/NDF: 2932.1/32

- 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: 37.502+/-0.123 χ^2/NDF:3014.6/16

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

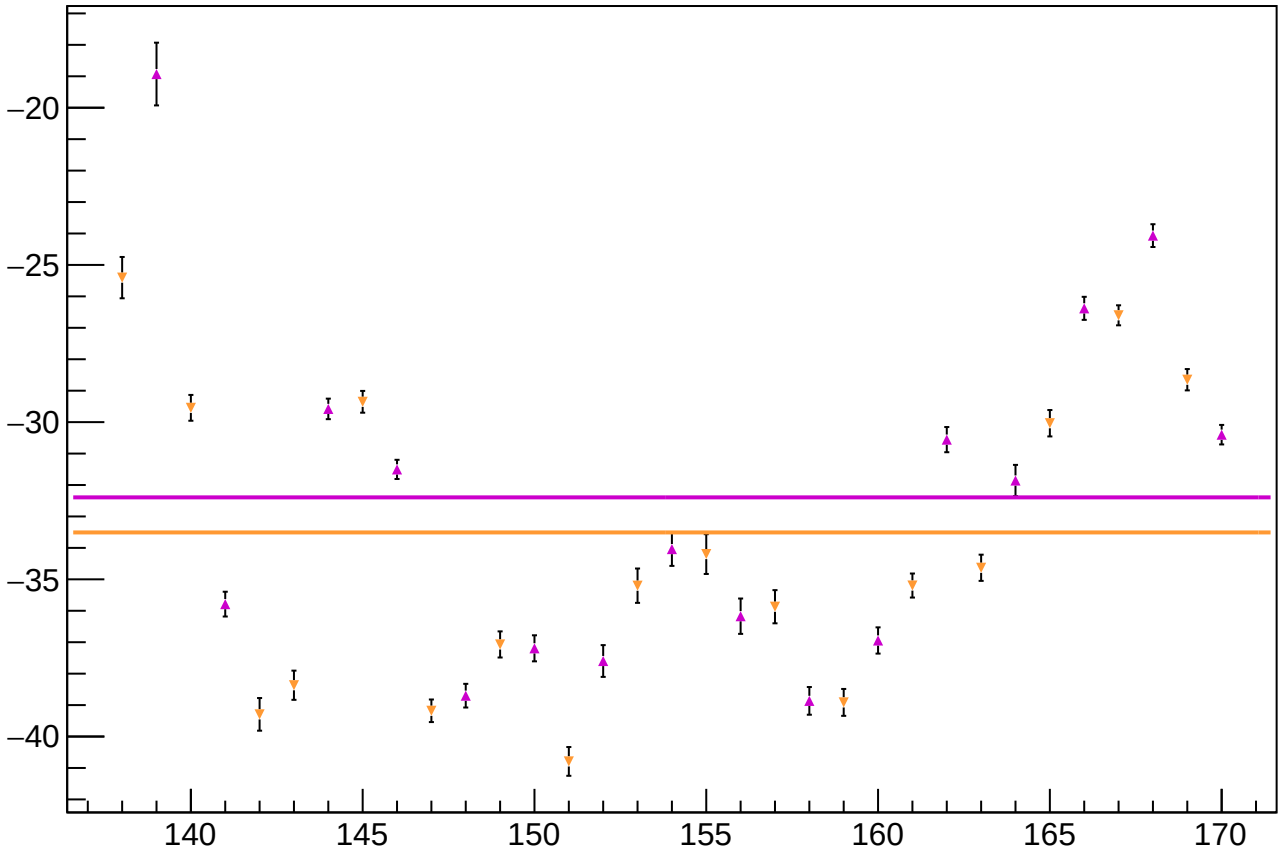
Left In: 36.661+/-0.119 χ^2/NDF:4263.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 37.069+/-0.085 χ^2/NDF: 7302.0/32

- 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: -33.508+/-0.103 χ^2/NDF:2160.2/16

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

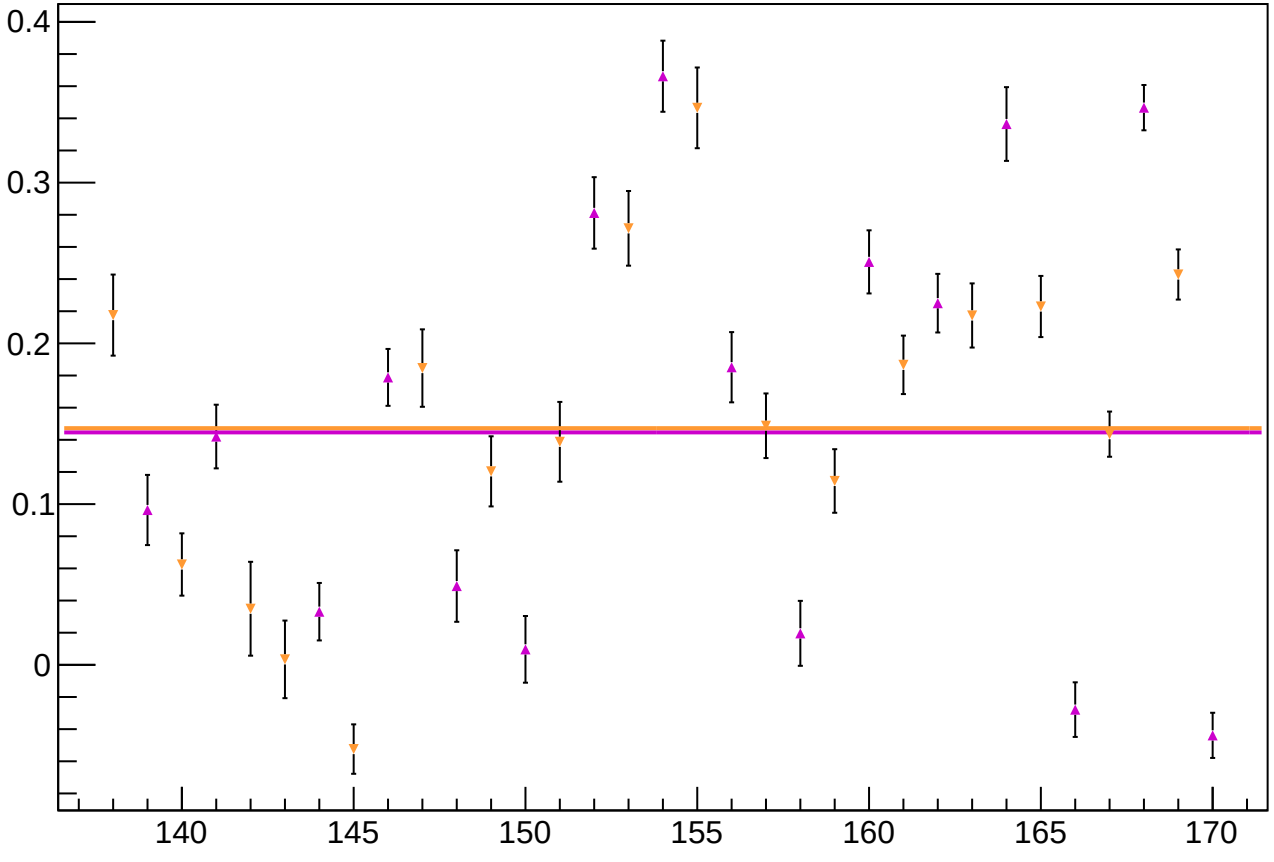
Left In: -32.393+/-0.101 χ^2/NDF:2109.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.943+/-0.072 χ^2/NDF: 4330.0/32

- 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: 0.147+/-0.005 χ^2/NDF:414.6/16

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

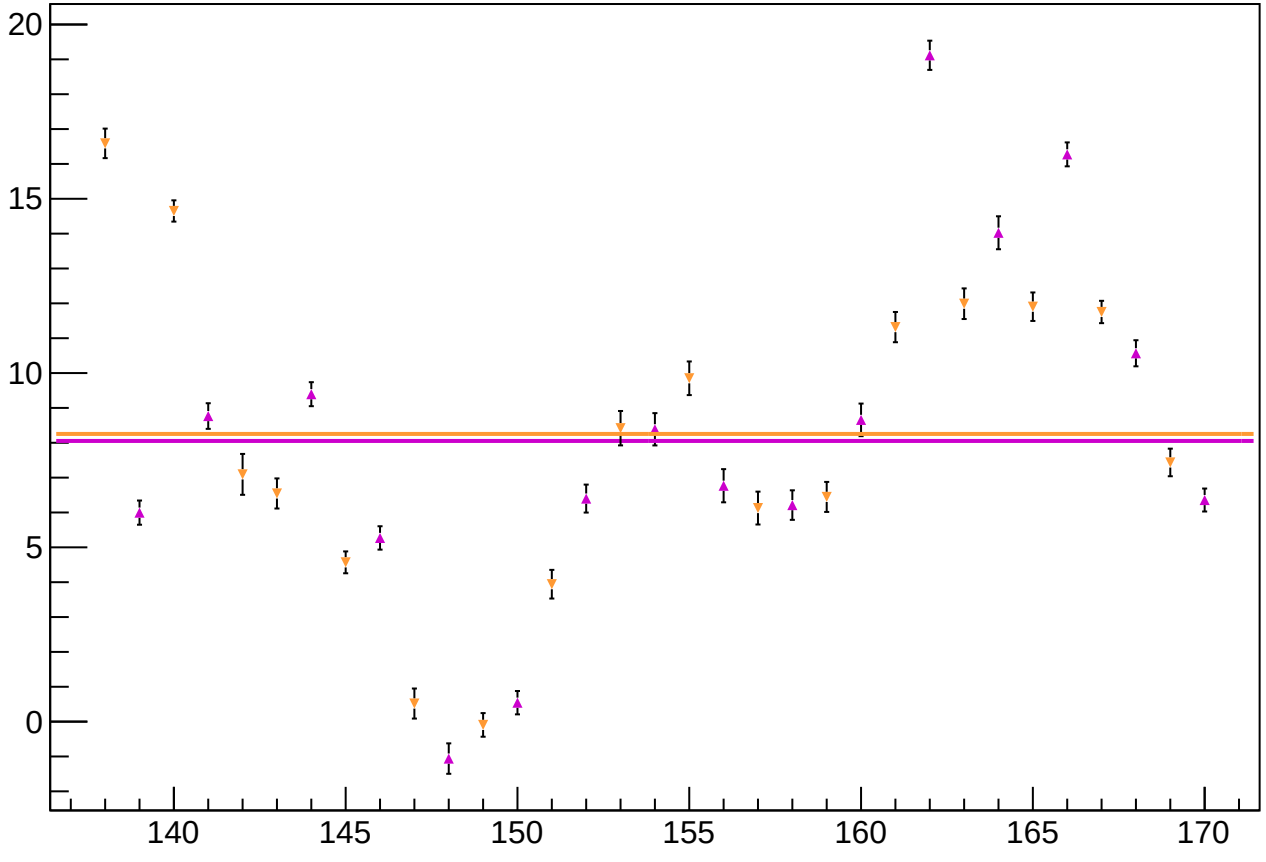
Left In: 0.145+/-0.005 χ^2/NDF:895.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.146+/-0.003 χ^2/NDF: 1309.8/32

- 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: 8.254+/-0.097 χ^2/NDF:2396.0/16

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

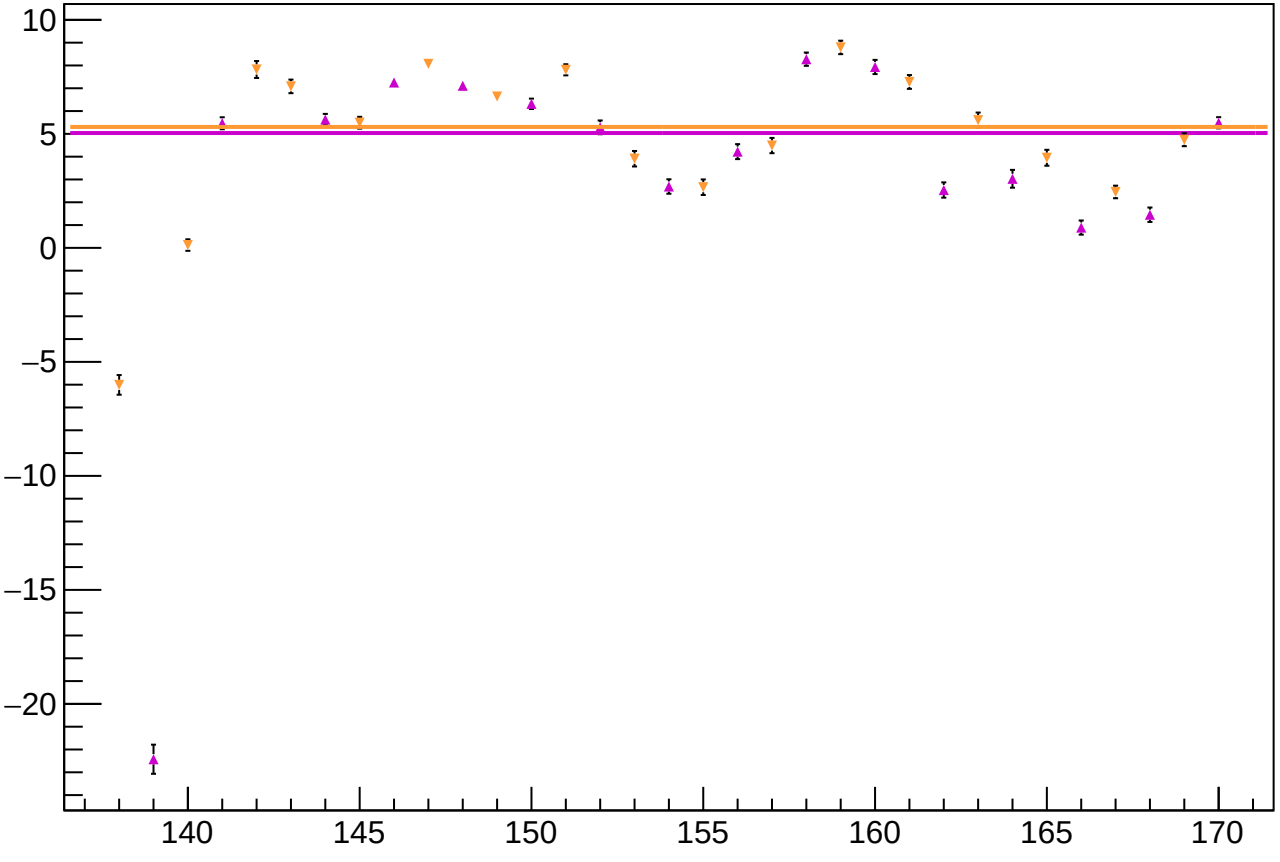
Left In: 8.052+/-0.096 χ^2/NDF:2606.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.152+/-0.068 χ^2/NDF: 5004.9/32

- 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: 5.304+/-0.070 χ^2/NDF:1900.9/16

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

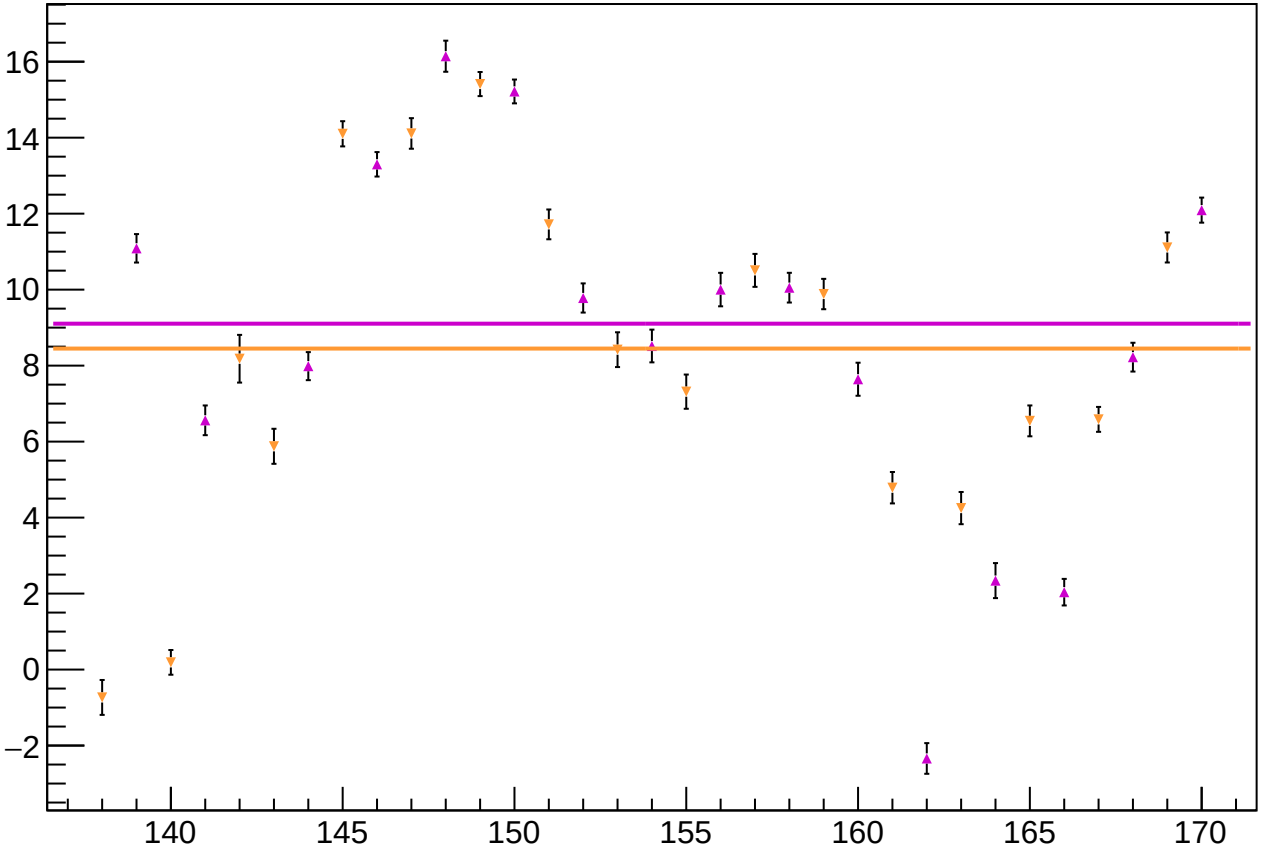
Left In: 5.037+/-0.071 χ^2/NDF:2751.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.172+/-0.050 χ^2/NDF: 4659.3/32

- 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: 8.449+/-0.096 χ^2/NDF:2433.0/16

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

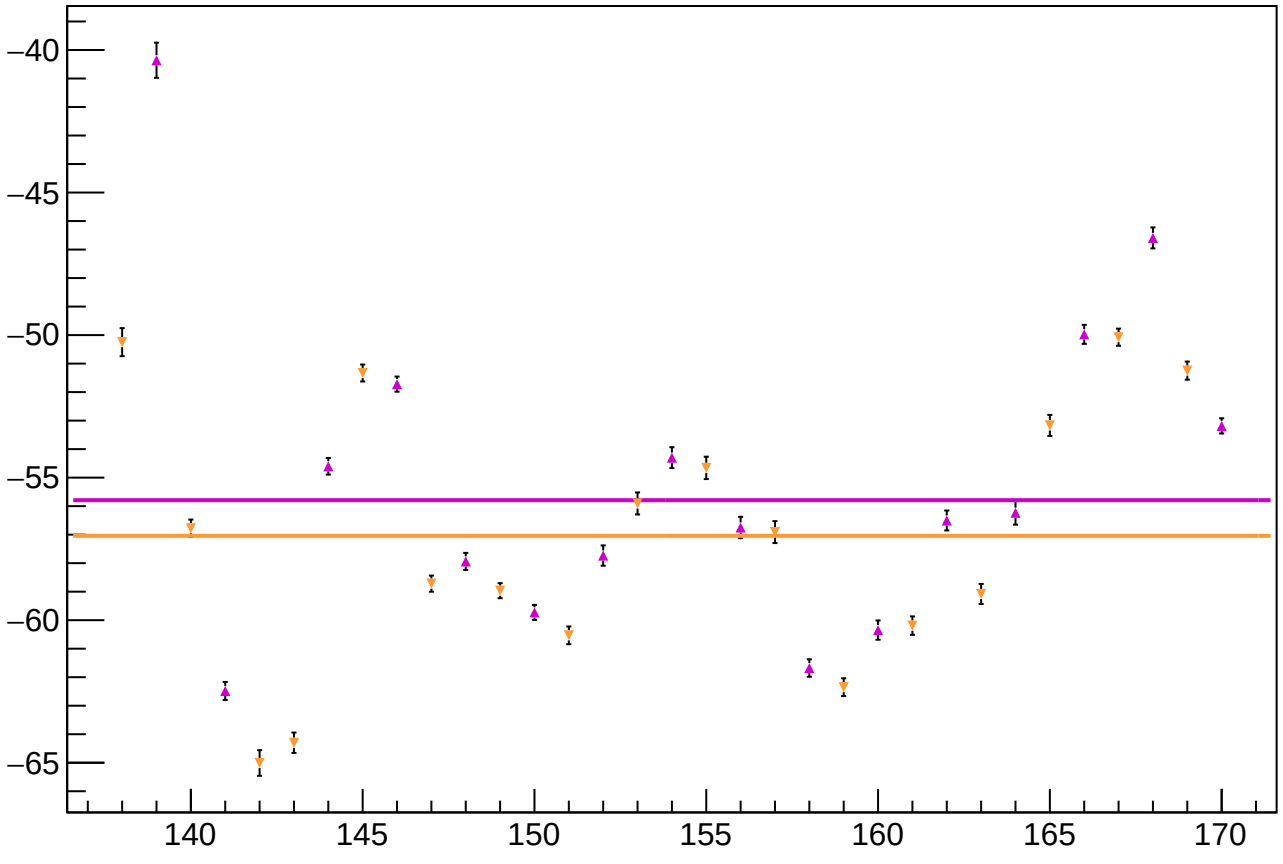
Left In: 9.104+/-0.095 χ^2/NDF:2465.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.782+/-0.068 χ^2/NDF: 4922.4/32

- 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: -57.042+/-0.081 χ^2/NDF:2943.7/16

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

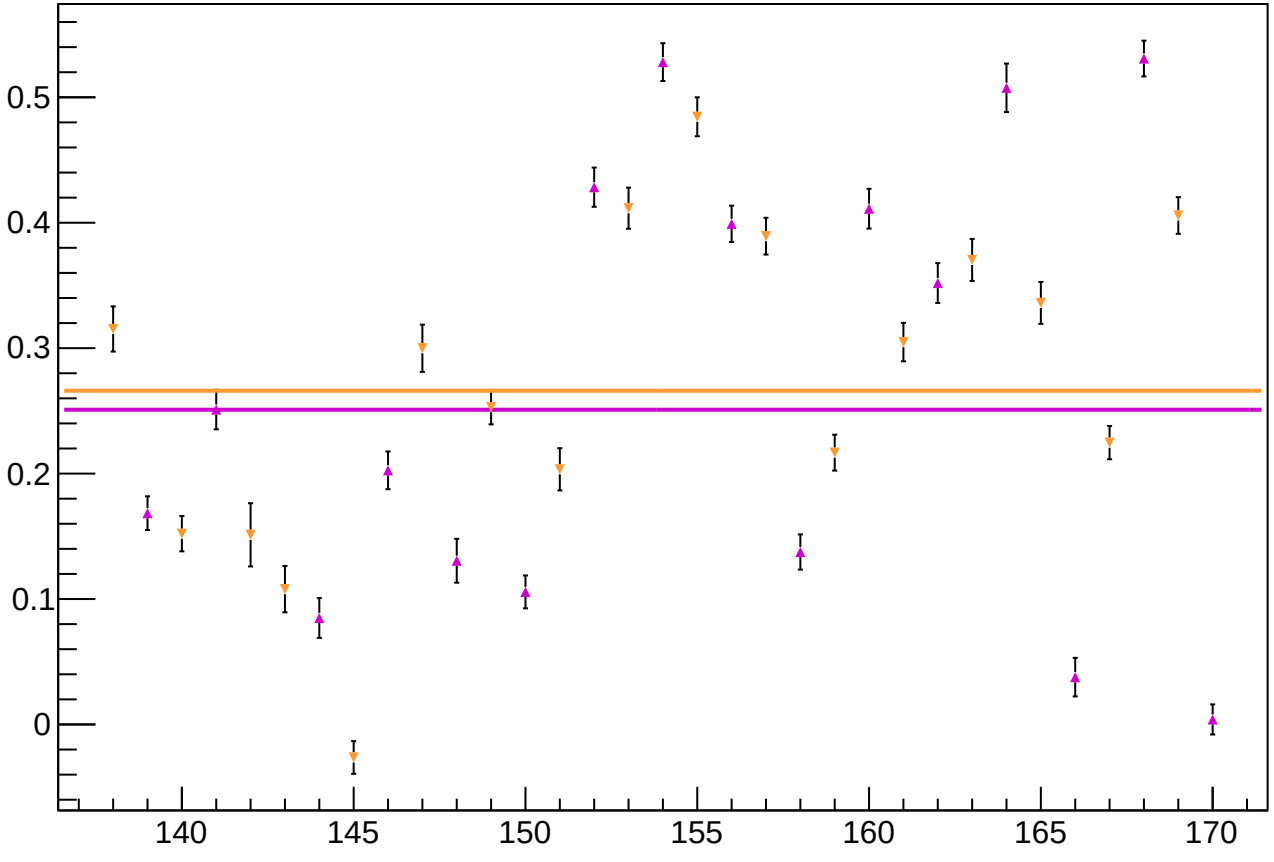
Left In: -55.790+/-0.081 χ^2/NDF:3237.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -56.420+/-0.057 χ^2/NDF: 6300.1/32

- 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: 0.266+/-0.004 χ^2/NDF:1213.4/16

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

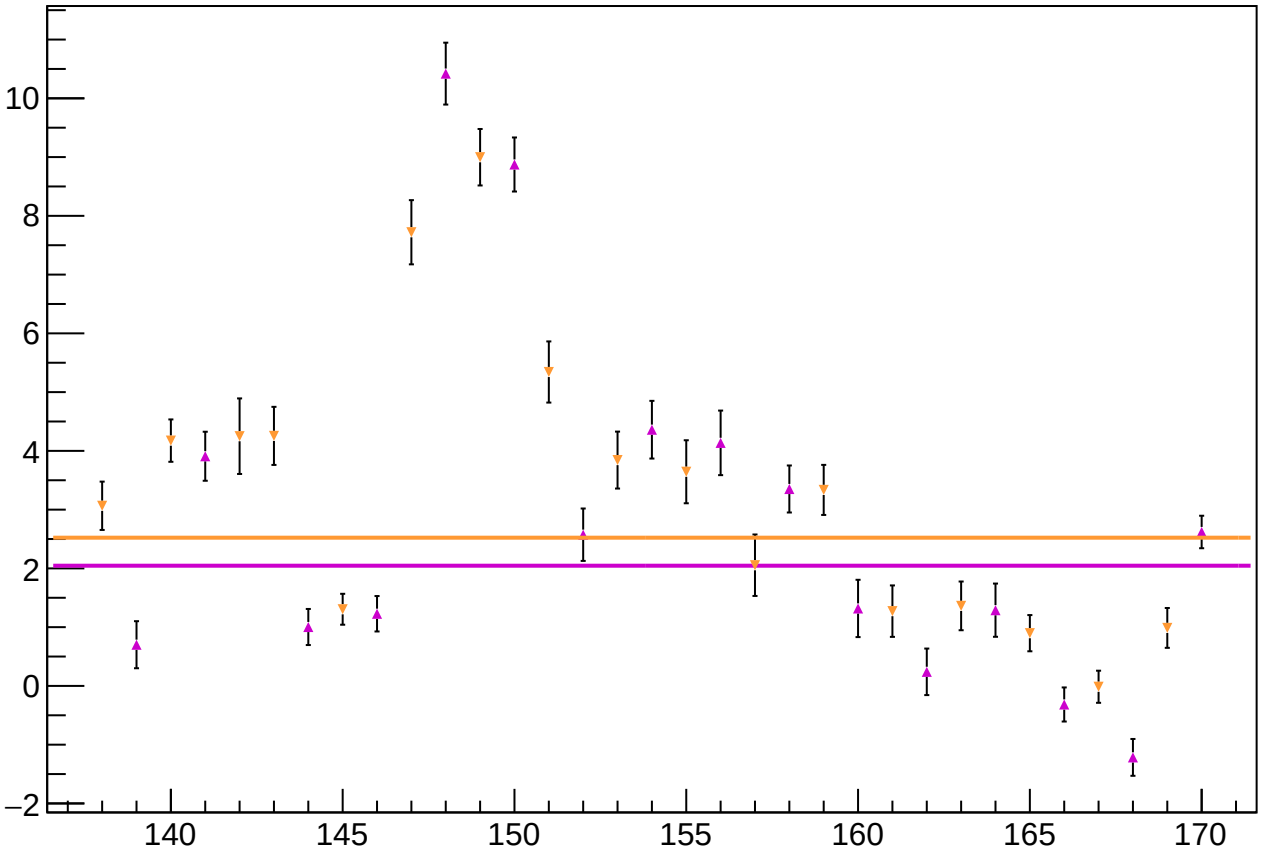
Left In: 0.251+/-0.004 χ^2/NDF:2284.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.258+/-0.003 χ^2/NDF: 3505.6/32

- 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: 2.523+/-0.097 χ^2/NDF:531.8/16

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

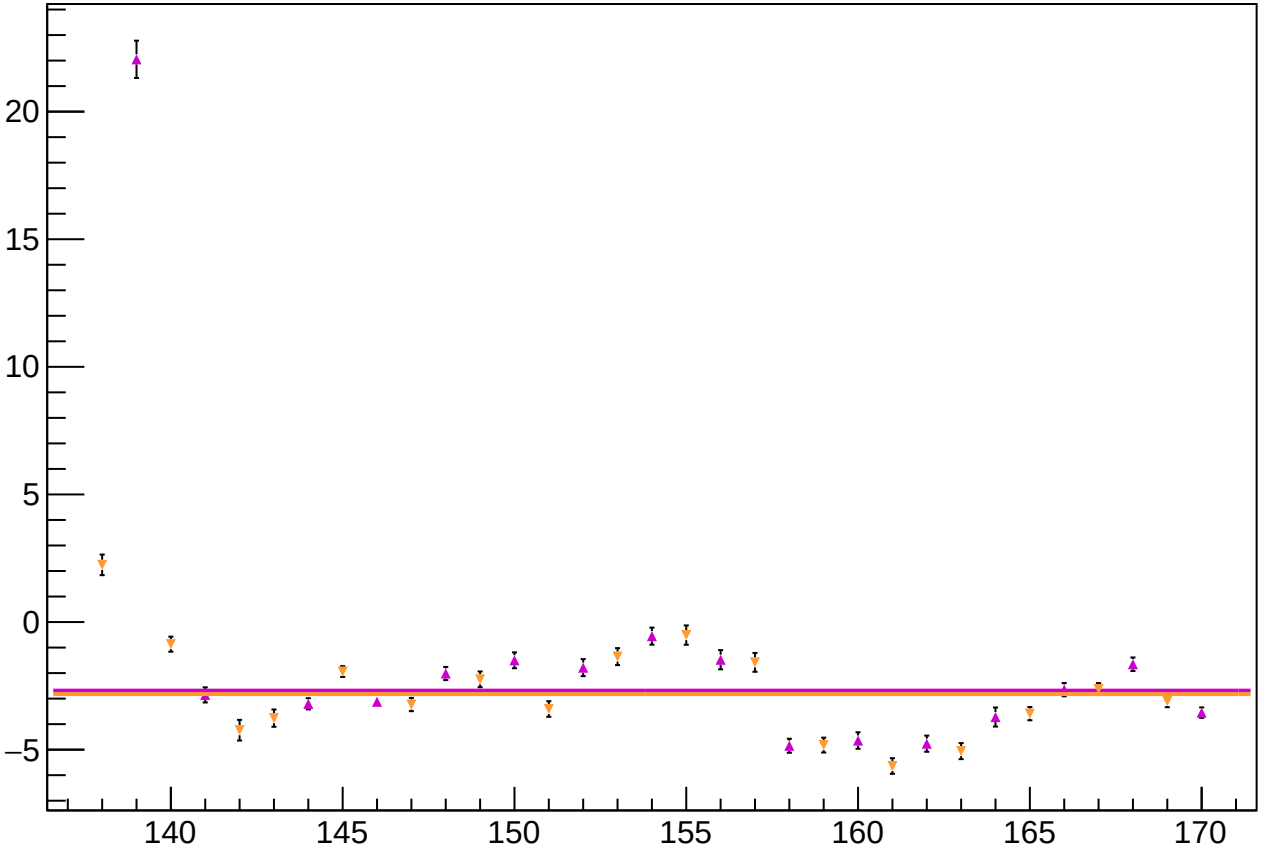
Left In: 2.046+/-0.095 χ^2/NDF:776.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.279+/-0.068 χ^2/NDF: 1321.1/32

- 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: -2.823+/-0.071 χ^2/NDF:509.3/16

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

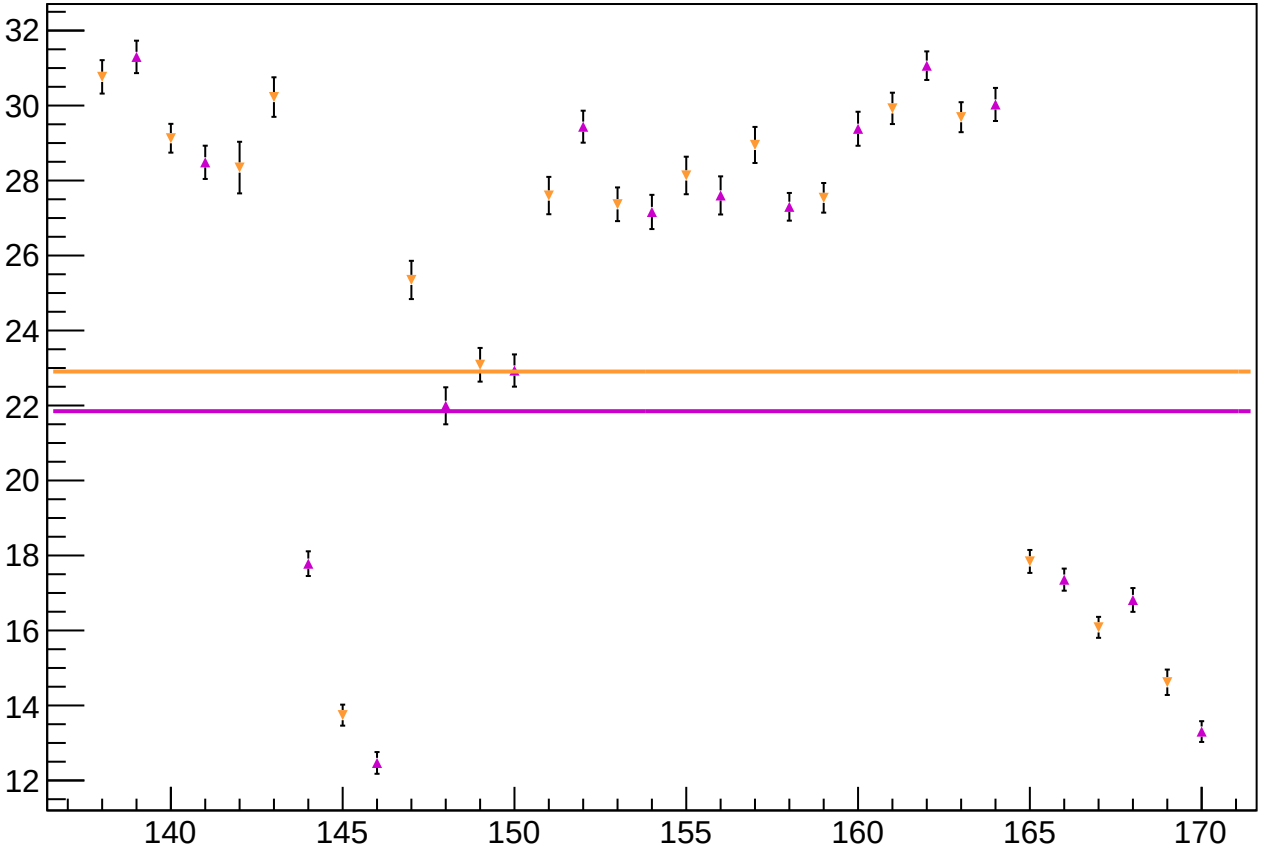
Left In: -2.689+/-0.070 χ^2/NDF:1418.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.754+/-0.050 χ^2/NDF: 1929.1/32

- 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: 22.906+/-0.097 χ^2/NDF:4548.7/16

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

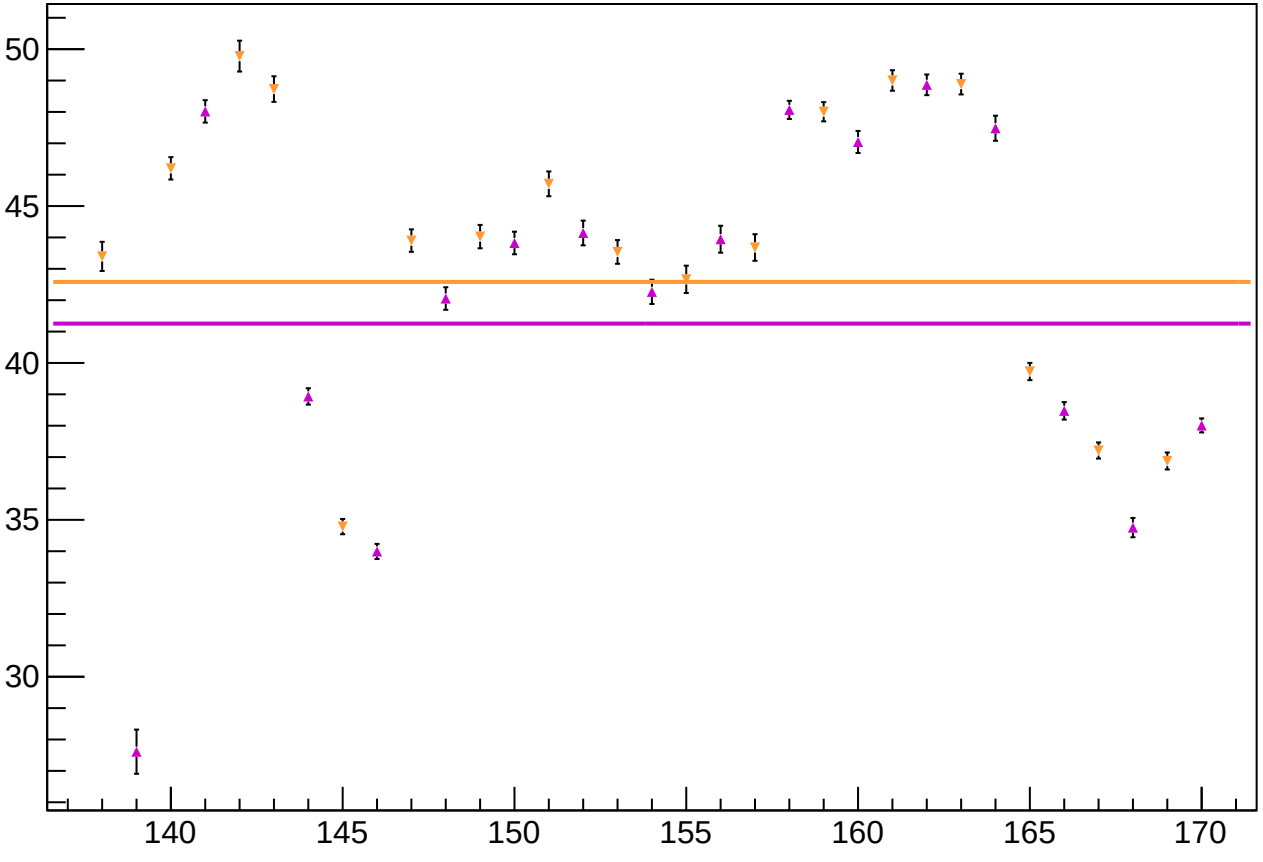
Left In: 21.848+/-0.094 χ^2/NDF:5343.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 22.360+/-0.067 χ^2/NDF: 9954.0/32

- 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: 42.583+/-0.082 χ^2/NDF:3724.6/16

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

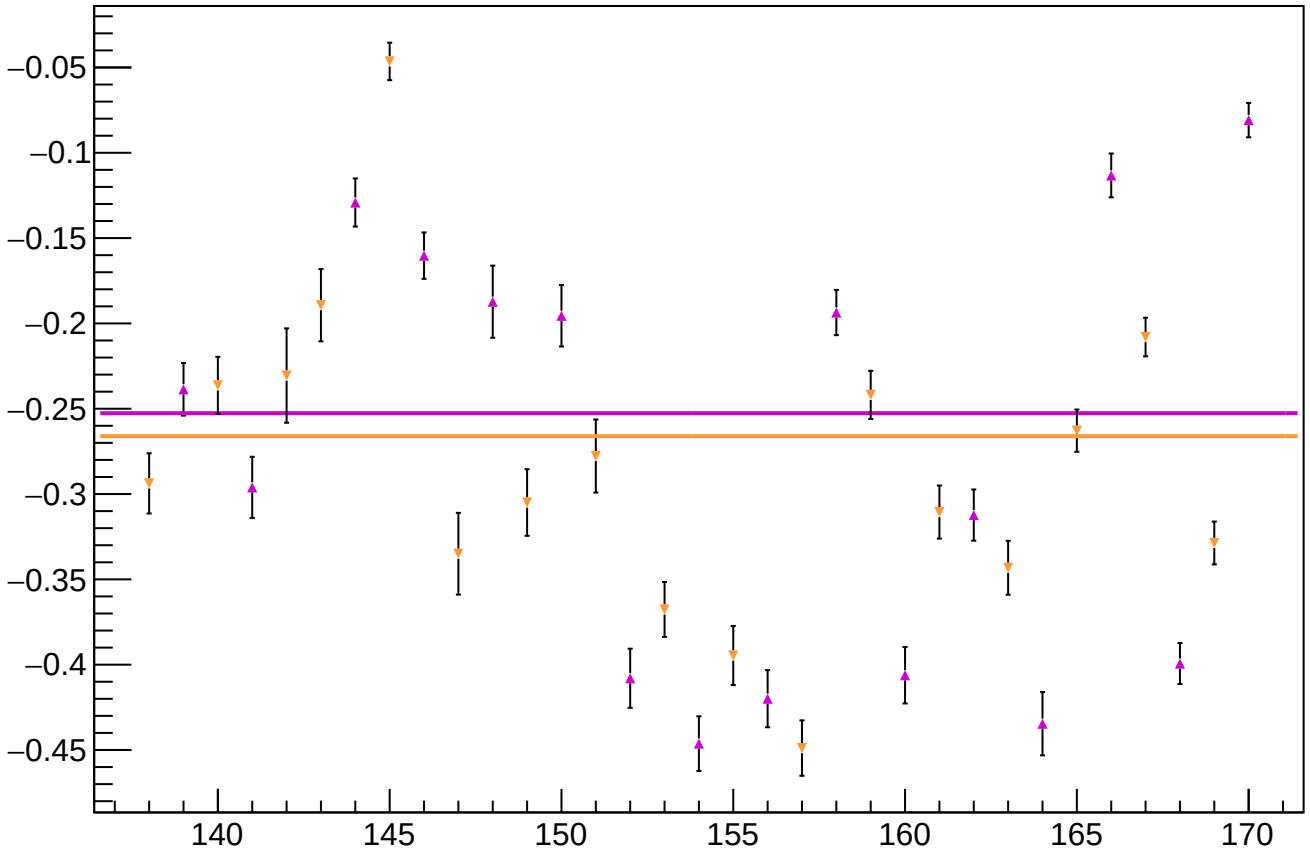
Left In: 41.254+/-0.080 χ^2/NDF:4235.7/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 41.908+/-0.057 χ^2/NDF: 8094.8/32

- 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: -0.266+/-0.004 χ^2/NDF:740.4/16

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

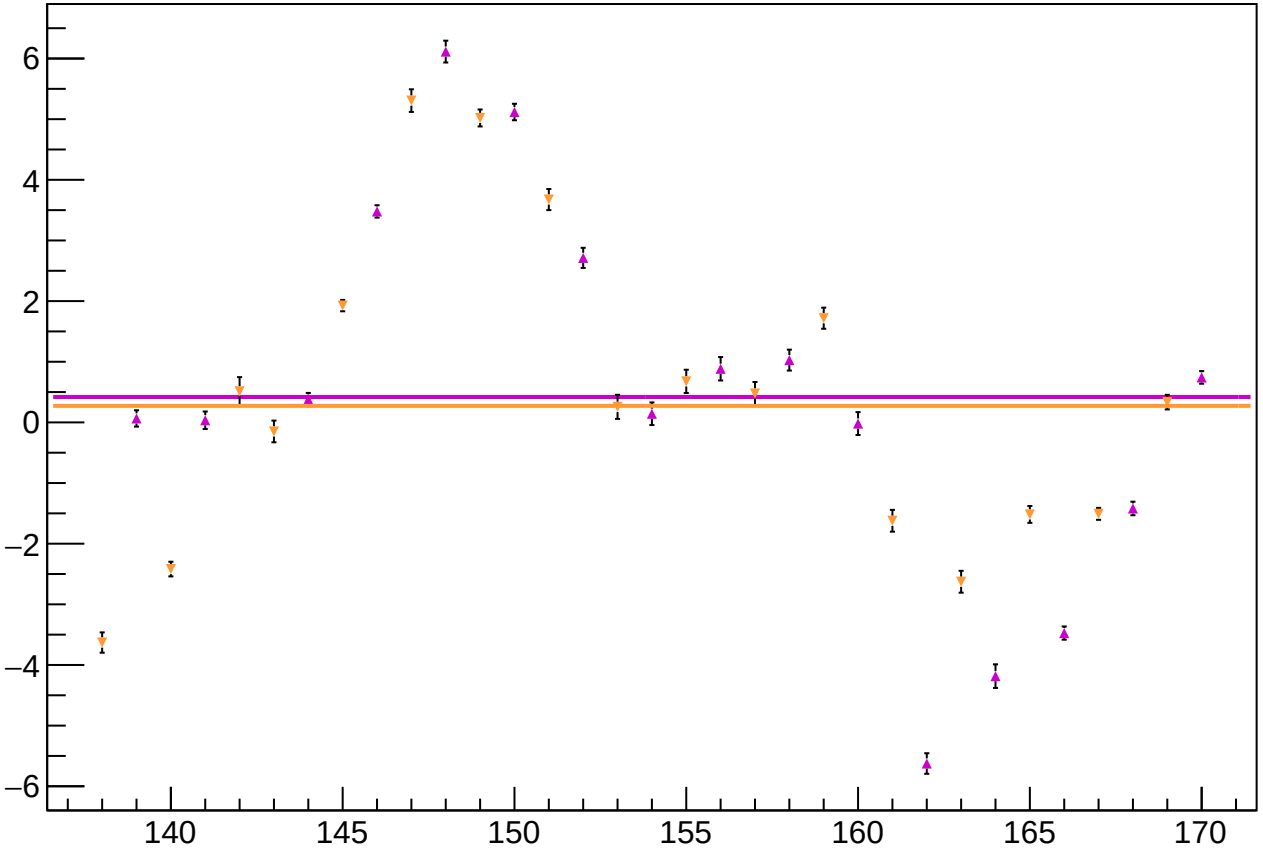
Left In: -0.253+/-0.004 χ^2/NDF:1250.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.259+/-0.003 χ^2/NDF: 1997.7/32

- 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: 0.272+/-0.036 χ^2/NDF:4551.3/16

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

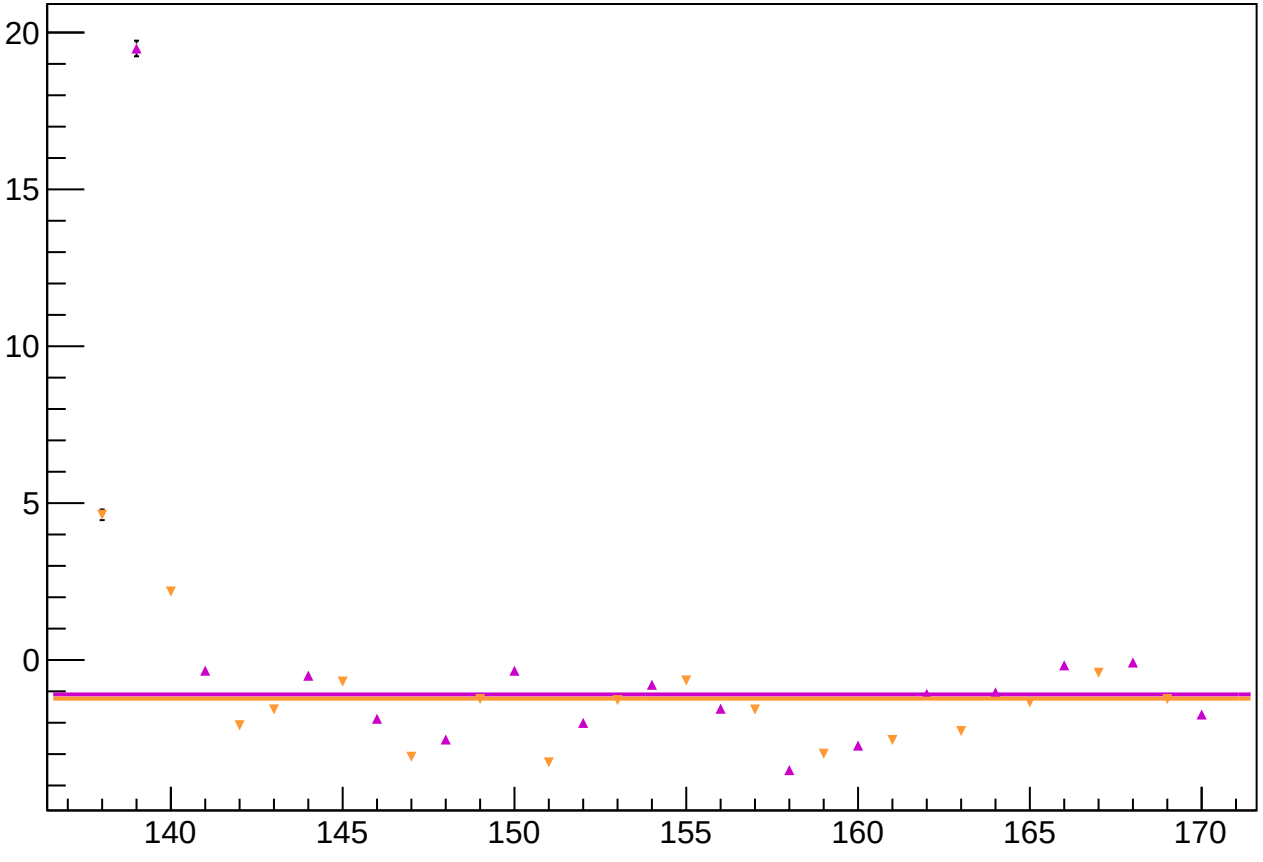
Left In: 0.419+/-0.035 χ^2/NDF:6709.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.348+/-0.025 χ^2/NDF: 11269.5/32

- 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: -1.231+/-0.026 χ^2/NDF:3779.3/16

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

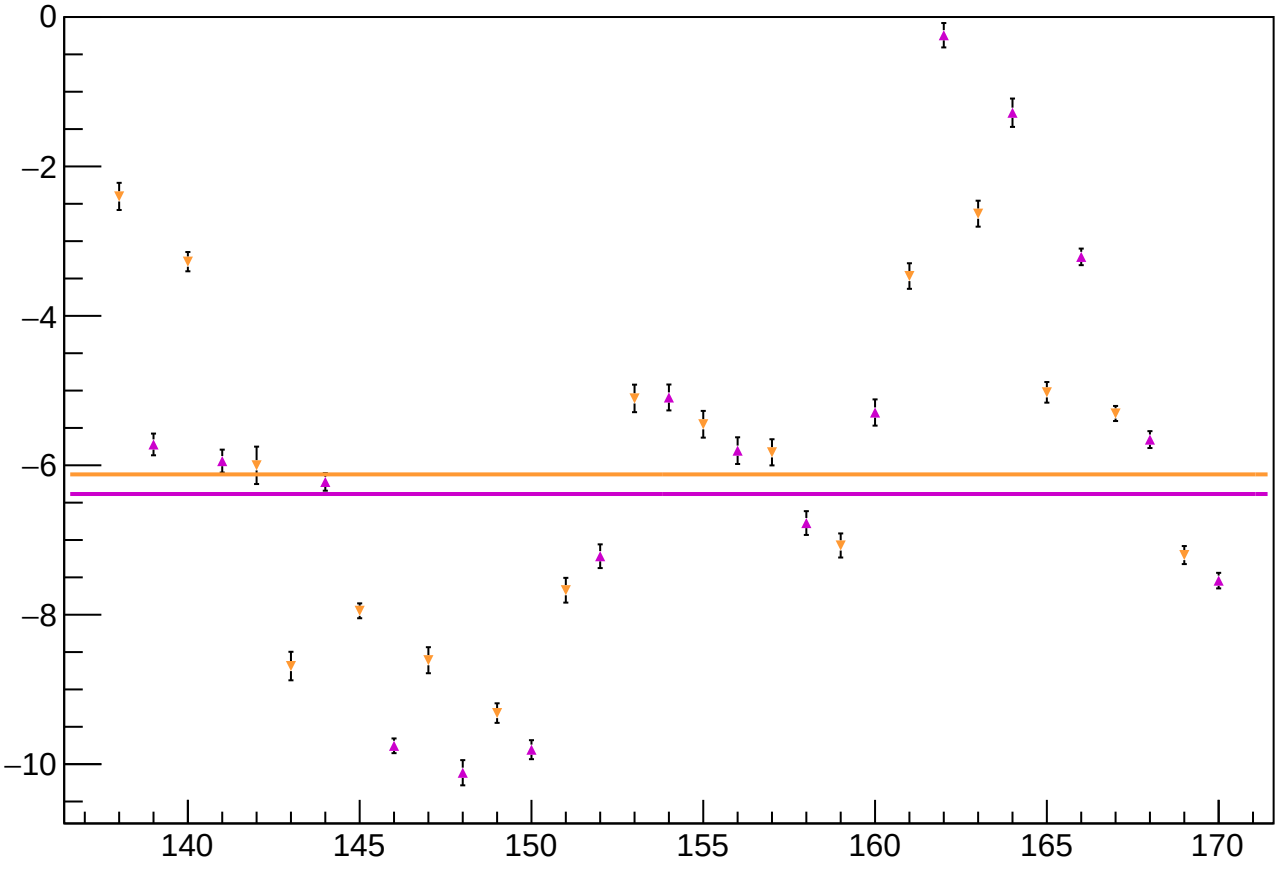
Left In: -1.098+/-0.026 χ^2/NDF:8327.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.163+/-0.018 χ^2/NDF: 12120.4/32

- 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: -6.122+/-0.036 χ^2/NDF:3244.5/16

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

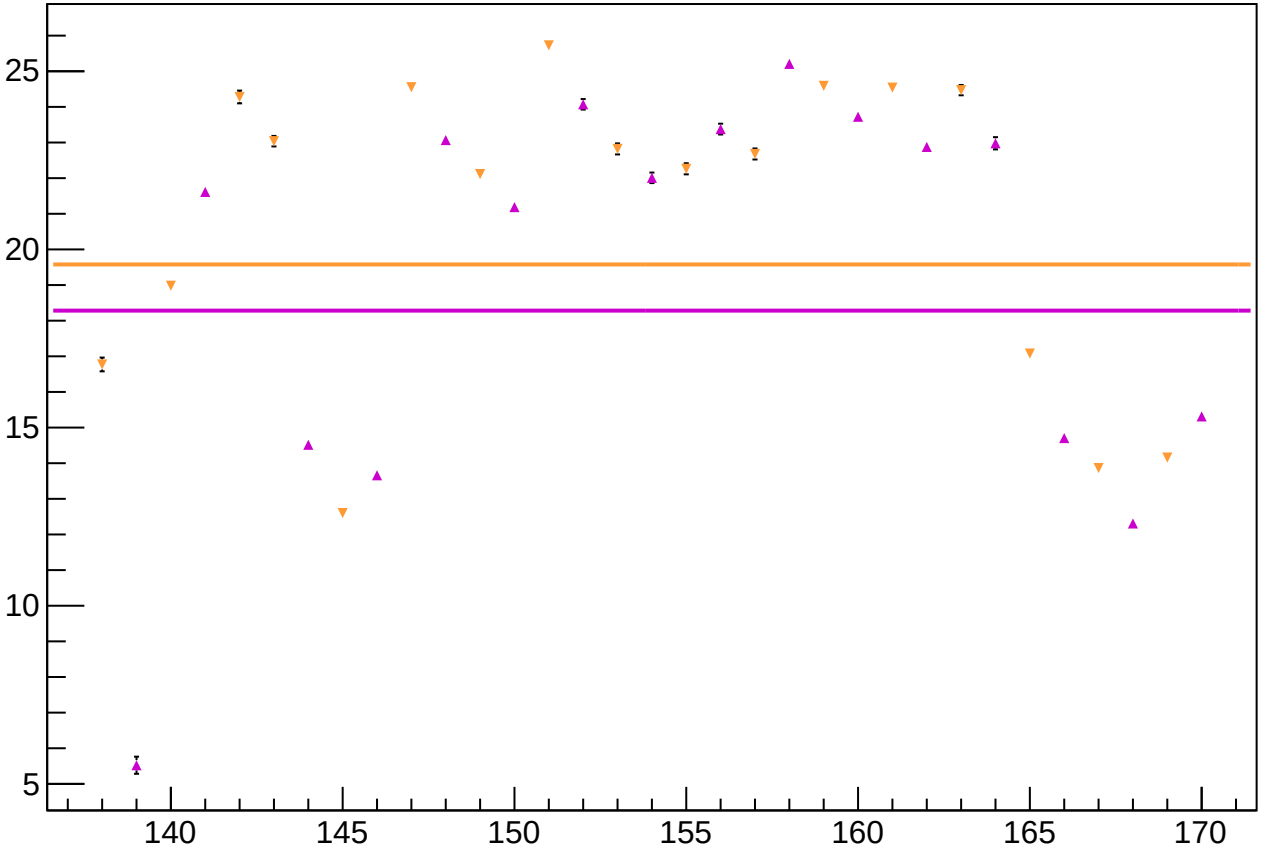
Left In: -6.384+/-0.034 χ^2/NDF:5674.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.259+/-0.025 χ^2/NDF: 8947.4/32

- 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: 19.578+/-0.030 χ^2/NDF:24689.4/16

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

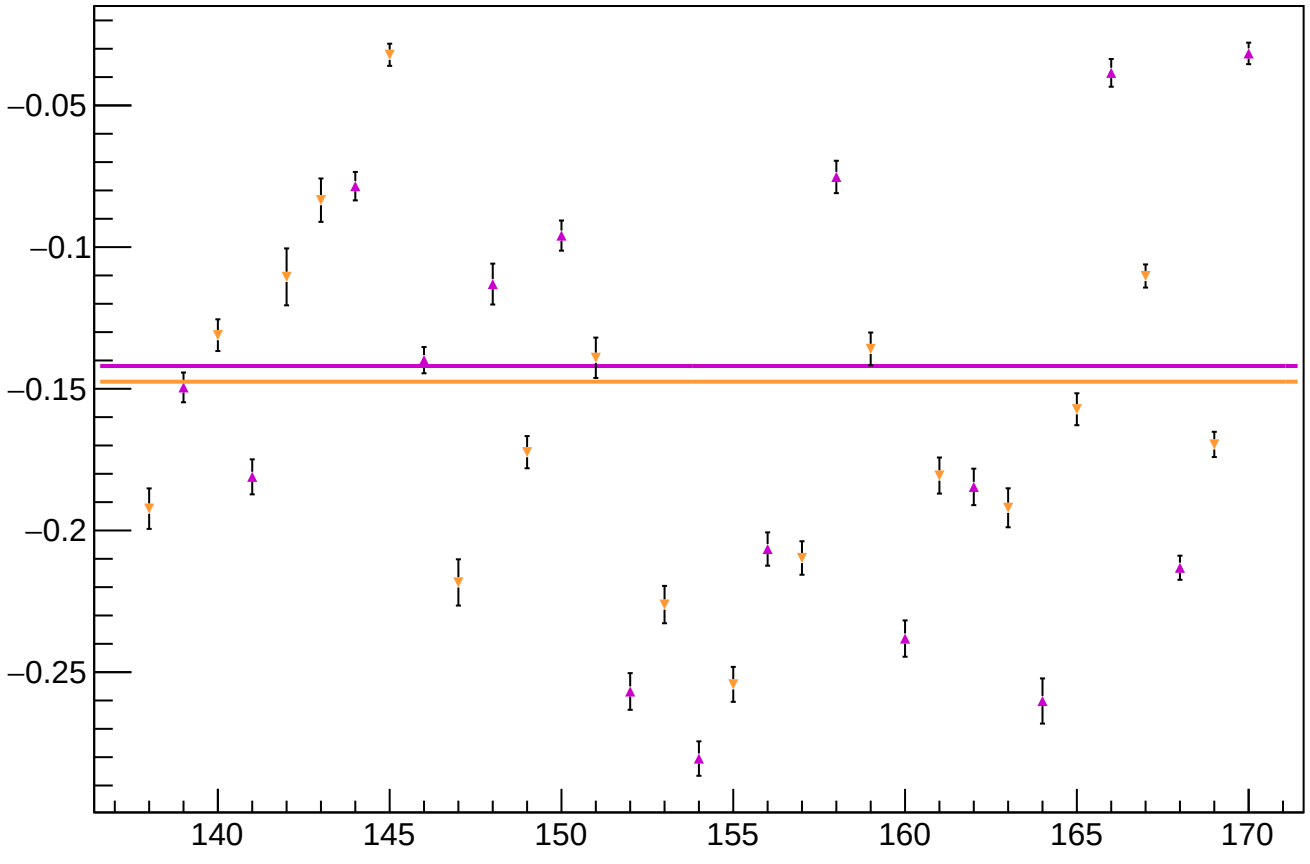
Left In: 18.282+/-0.029 χ^2/NDF:25720.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 18.912+/-0.021 χ^2/NDF: 51349.2/32

- 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: -0.147+/-0.001 χ^2/NDF:1835.8/16

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

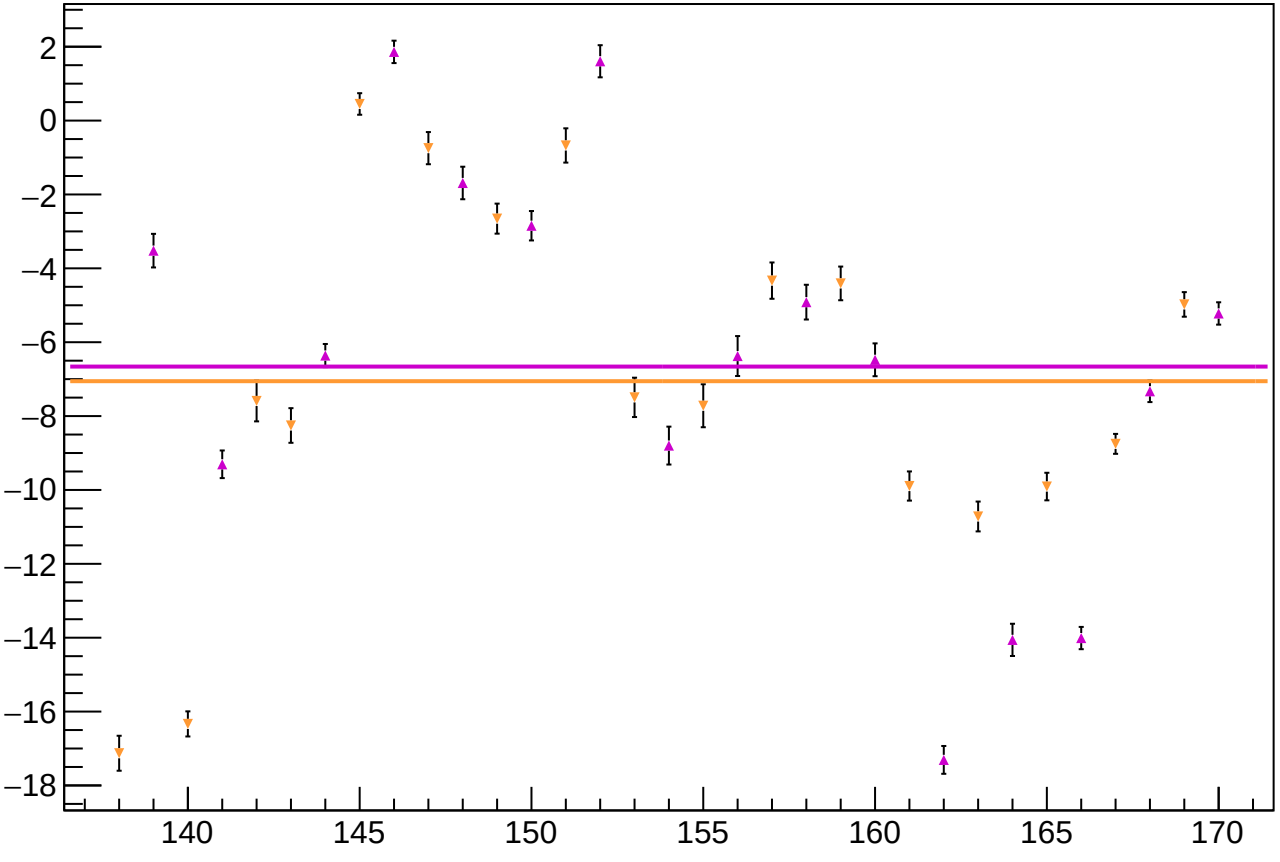
Left In: -0.142+/-0.001 χ^2/NDF:3444.0/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.145+/-0.001 χ^2/NDF: 5287.8/32

- 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: -7.055+/-0.097 χ^2/NDF:2718.9/16

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

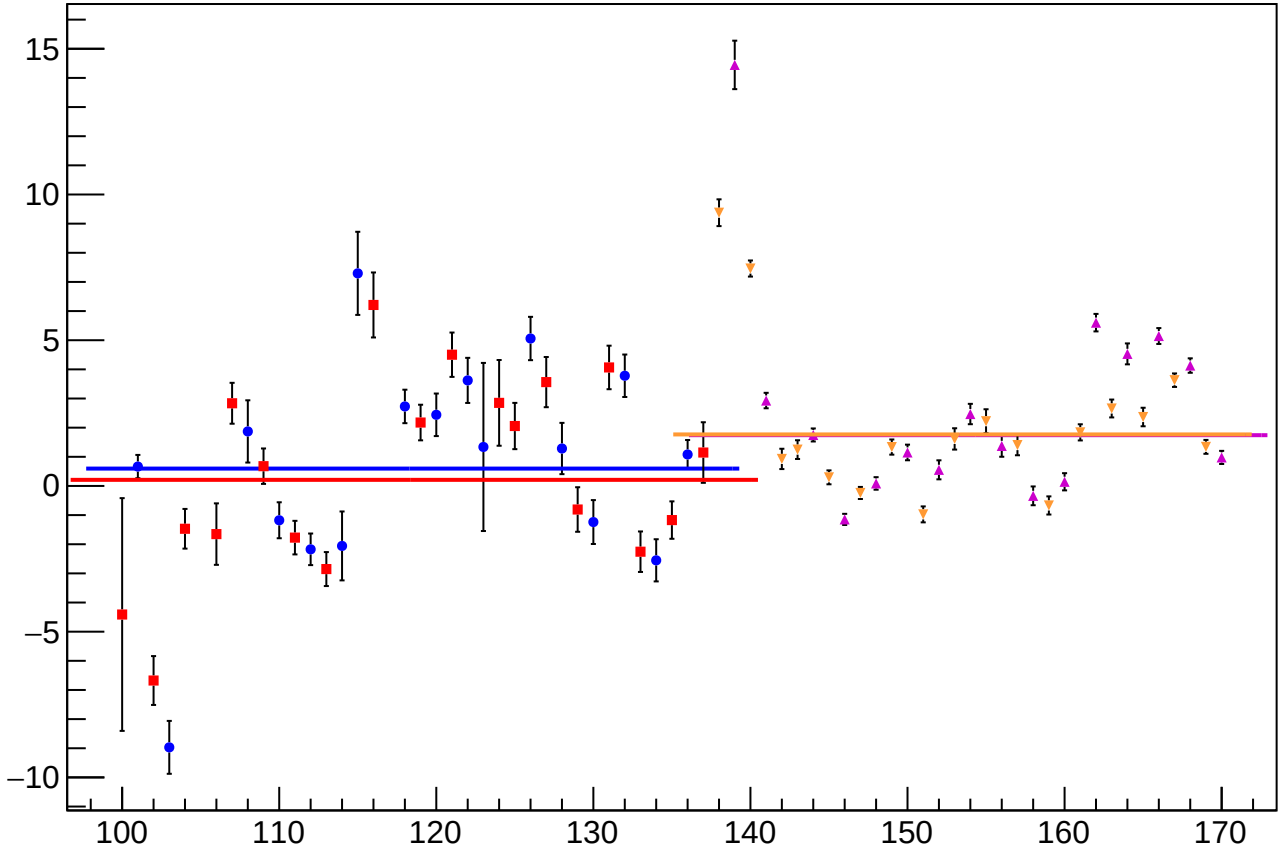
Left In: -6.660+/-0.094 χ^2/NDF:3208.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.852+/-0.068 χ^2/NDF: 5935.6/32

- 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: 1.768+/-0.070 χ^2/NDF:1085.9/16

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

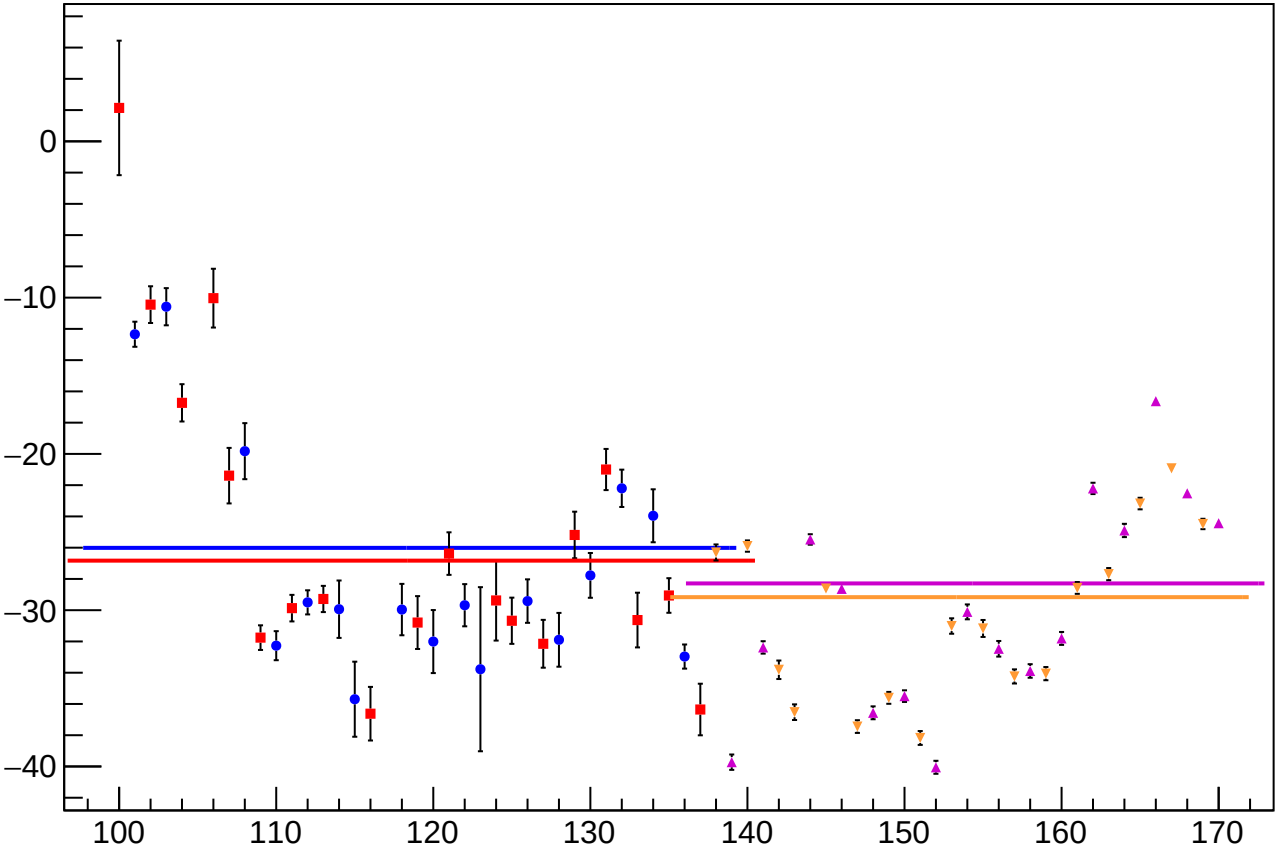
Left In: 1.742+/-0.069 χ^2/NDF:1122.1/15

+ sign 1.598+/-0.064 χ^2/NDF: 1418.2/33

All: 1.567+/-0.045 χ^2/NDF: 2881.0/68

- sign 1.537+/-0.064 χ^2/NDF: 1462.4/34

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -29.166+/-0.096 χ^2/NDF:3162.4/16

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

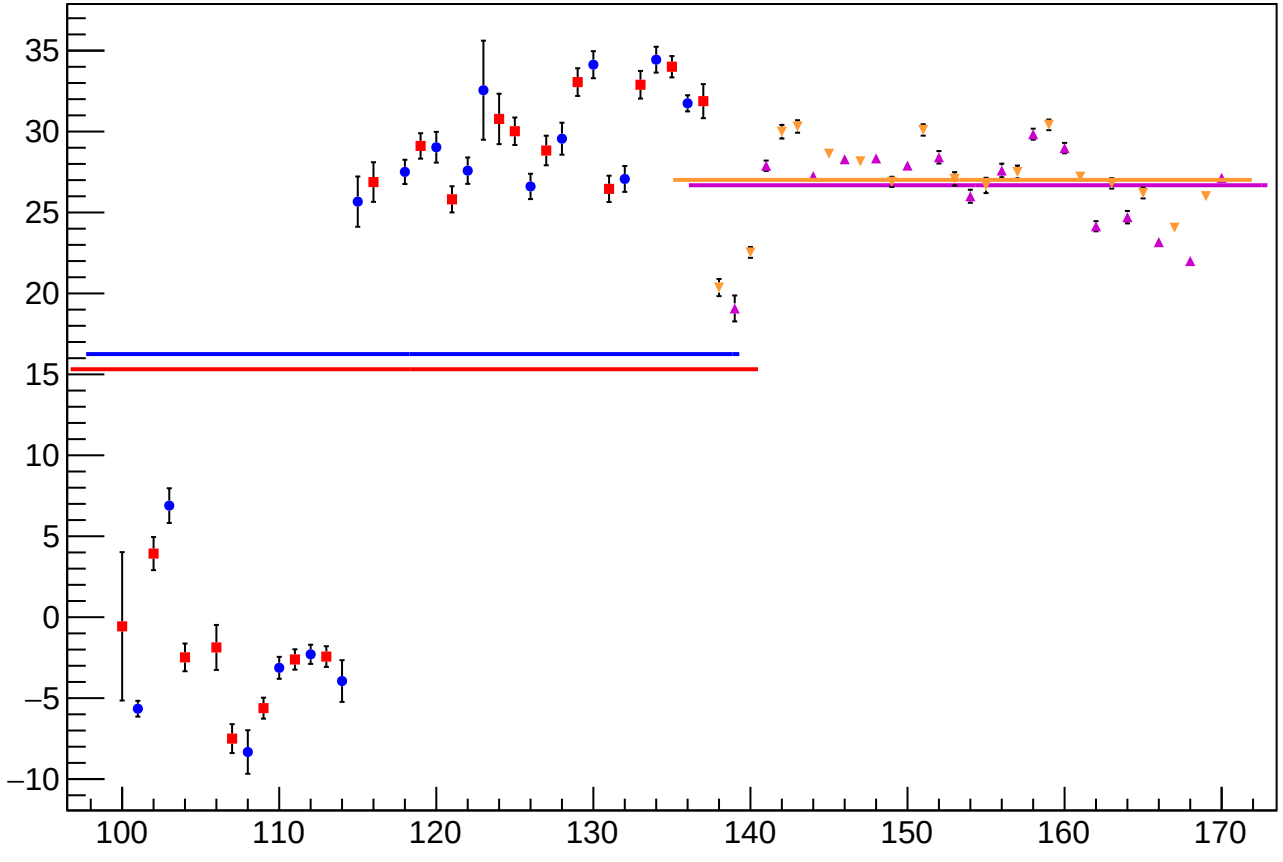
Left In: -28.287+/-0.093 χ^2/NDF:4943.6/15

+ sign -28.871+/-0.092 χ^2/NDF: 3955.8/33

All: -28.502+/-0.064 χ^2/NDF: 9534.1/68

- sign -28.157+/-0.089 χ^2/NDF: 5547.1/34

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 27.015+/-0.081 χ^2/NDF:853.4/16

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

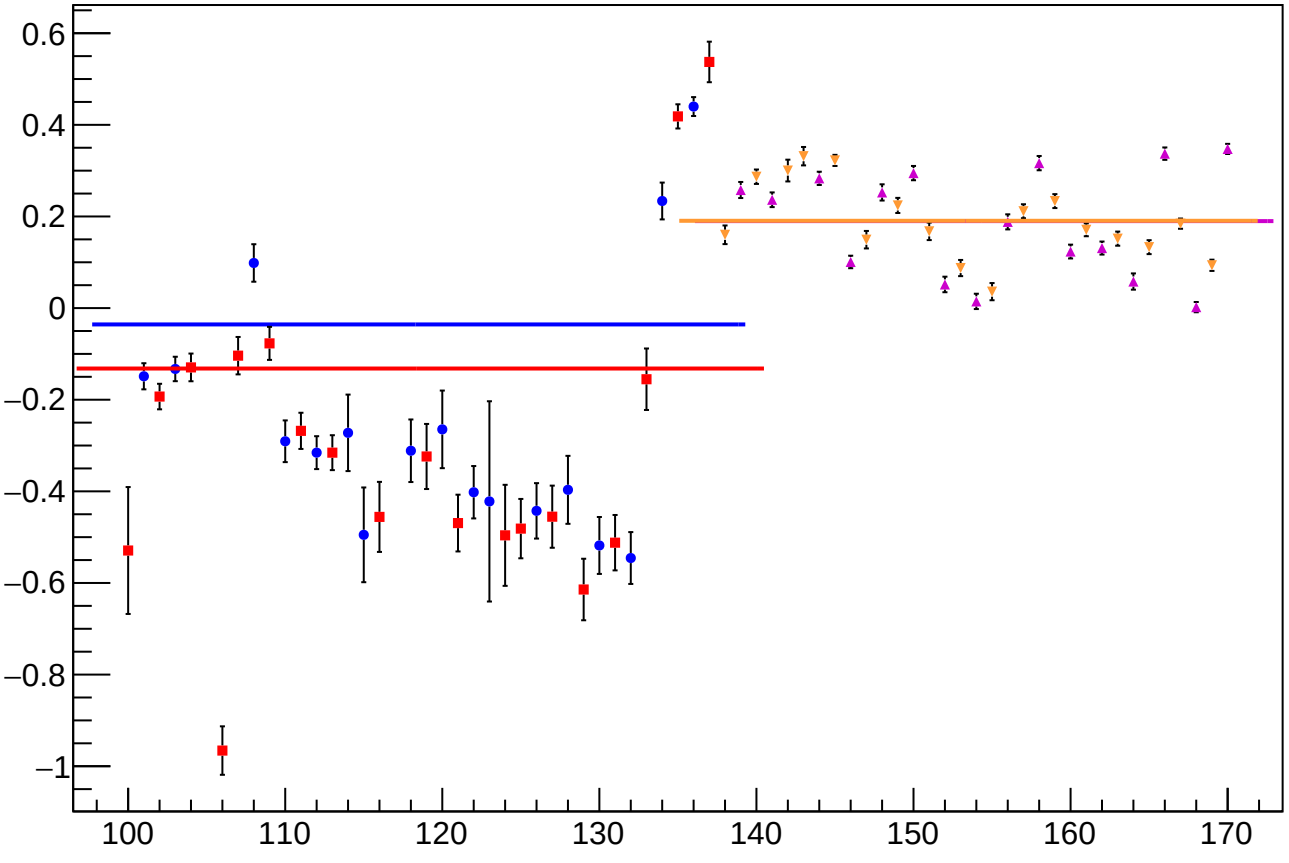
Left In: 26.684+/-0.079 χ^2/NDF:868.3/15

+ sign 25.387+/-0.074 χ^2/NDF: 11158.7/33

All: 25.241+/-0.052 χ^2/NDF: 22179.0/68

- sign 25.097+/-0.074 χ^2/NDF: 11012.7/34

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.191+/-0.004 χ^2/NDF:435.5/16

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

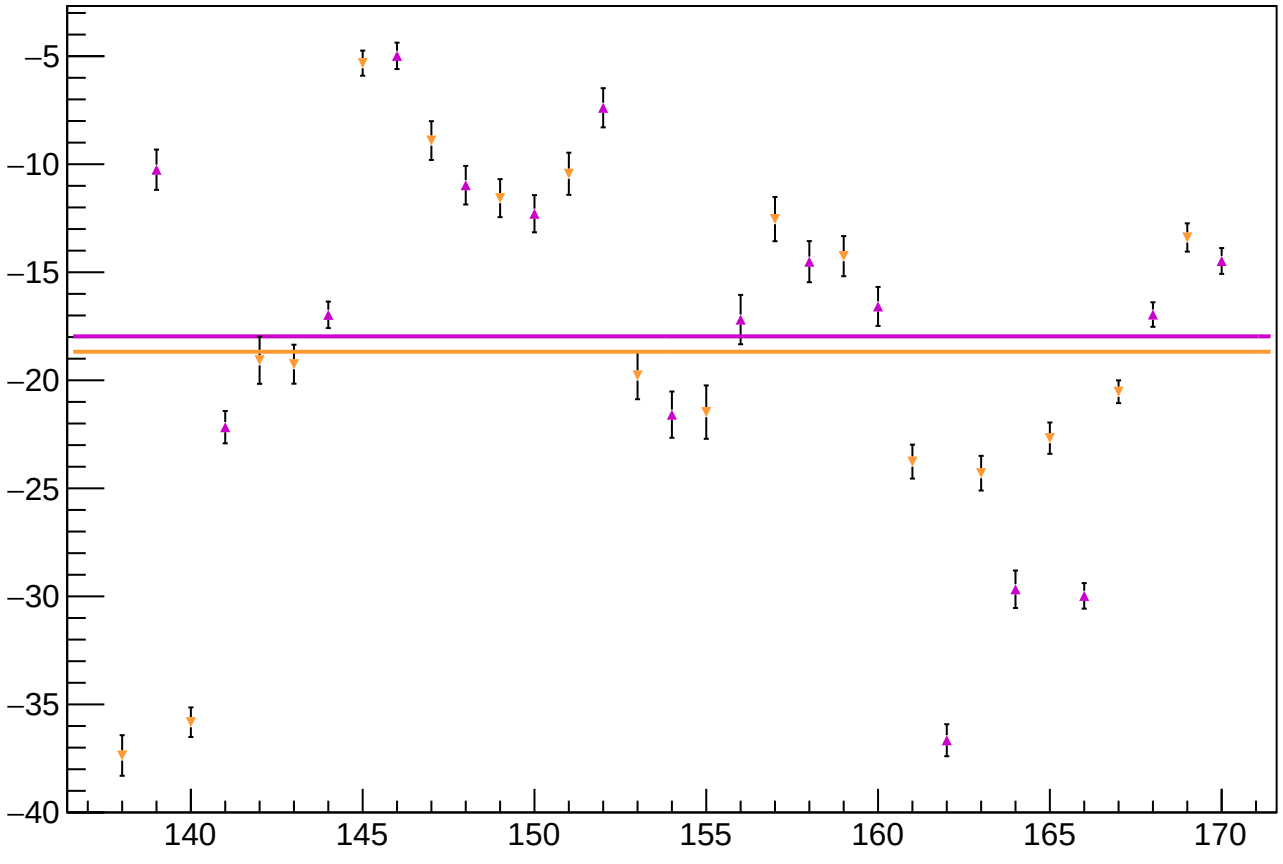
Left In: 0.190+/-0.004 χ^2/NDF:1101.6/15

+ sign 0.164+/-0.004 χ^2/NDF: 1873.9/33

All: 0.159+/-0.002 χ^2/NDF: 5007.2/68

- sign 0.154+/-0.003 χ^2/NDF: 3129.2/34

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.678+/-0.194 χ^2/NDF:2069.5/16

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

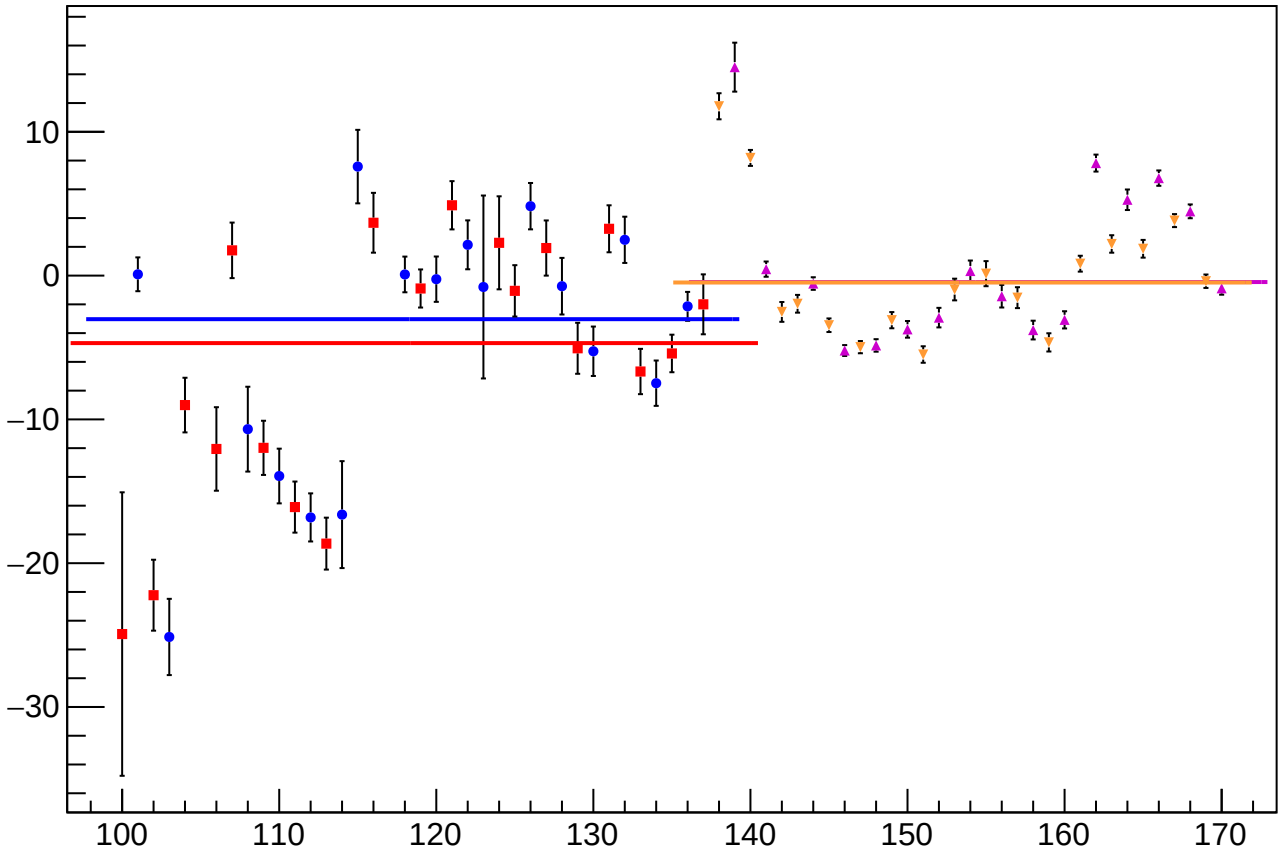
Left In: -17.967+/-0.189 χ^2/NDF:2091.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -18.313+/-0.136 χ^2/NDF: 4167.9/32

- 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: -0.479+/-0.140 χ^2/NDF:866.2/16

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

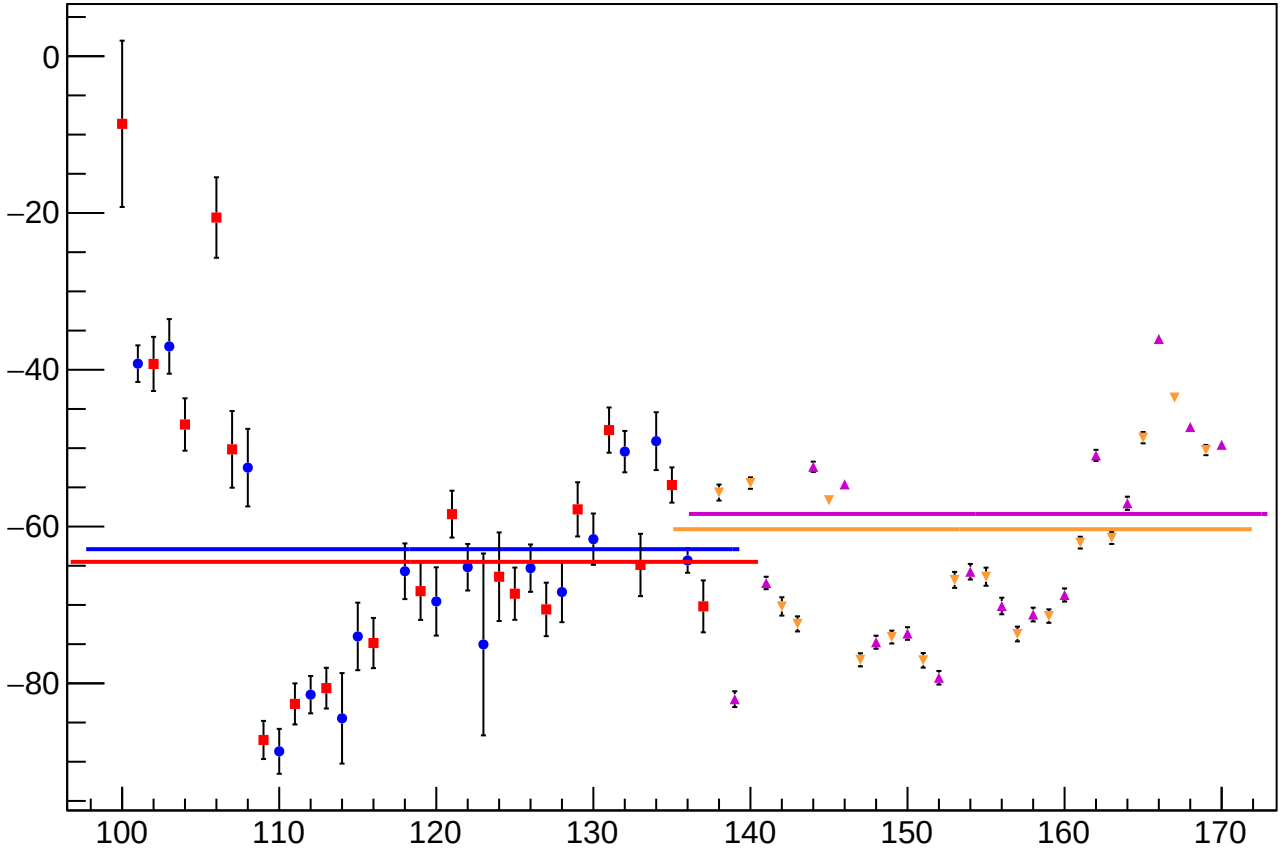
Left In: -0.448+/-0.137 χ^2/NDF:985.0/15

+ sign -0.748+/-0.133 χ^2/NDF: 1182.0/33

All: -0.798+/-0.093 χ^2/NDF: 2555.3/68

- sign -0.847+/-0.131 χ^2/NDF: 1373.0/34

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -60.338+/-0.194 χ^2/NDF:3258.2/16

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

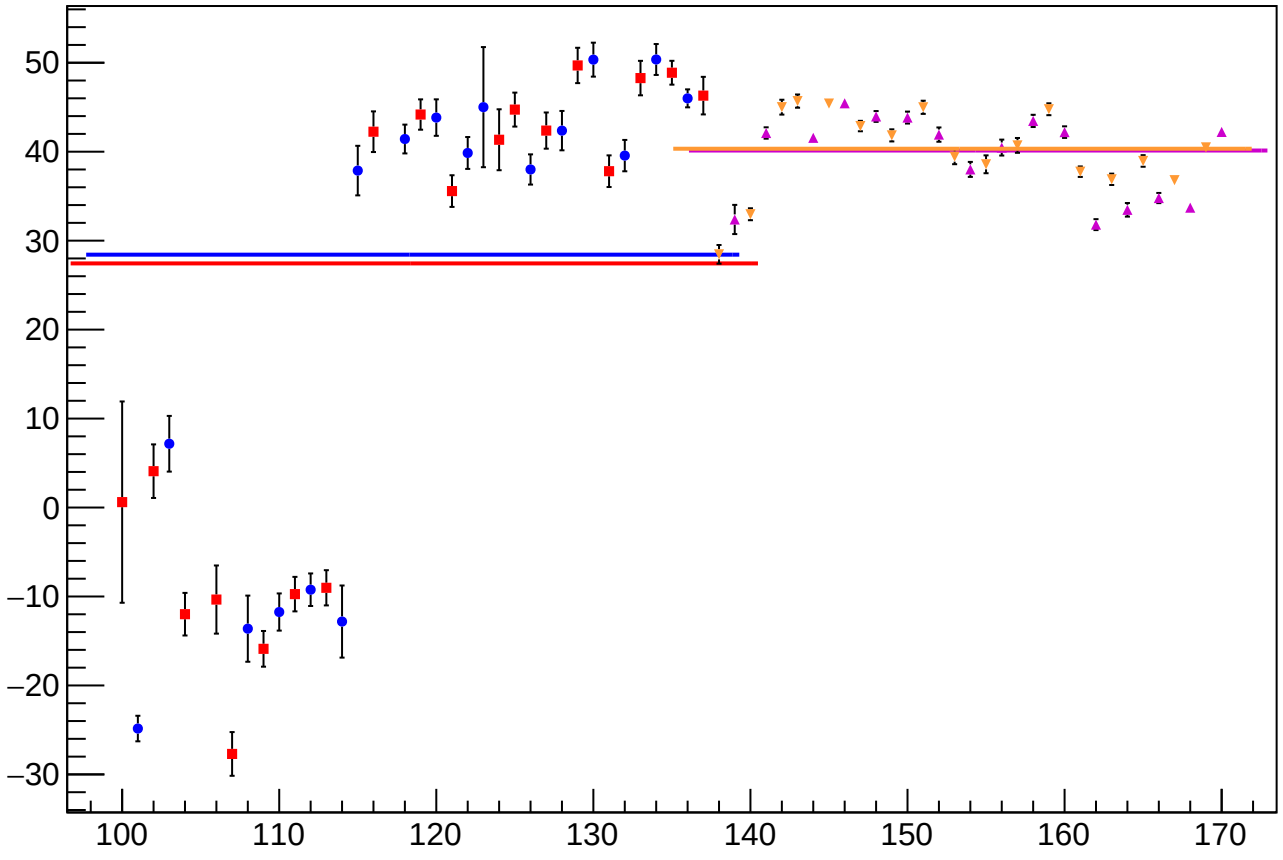
Left In: -58.389+/-0.187 χ^2/NDF:4734.9/15

+ sign -60.502+/-0.187 χ^2/NDF: 3638.1/33

All: -59.595+/-0.130 χ^2/NDF: 8924.8/68

- sign -58.746+/-0.181 χ^2/NDF: 5241.3/34

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 40.334+/-0.162 χ^2/NDF:633.9/16

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

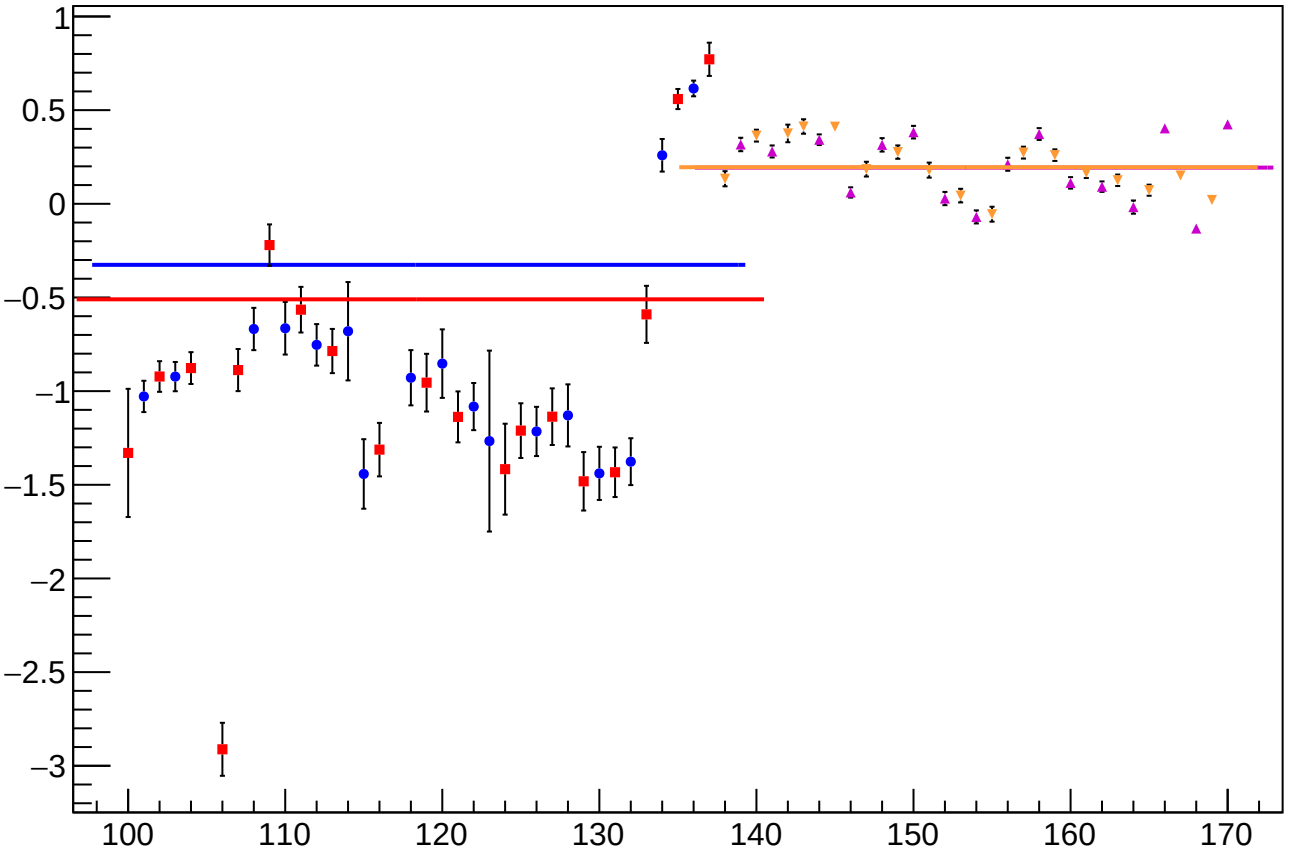
Left In: 40.131+/-0.159 χ^2/NDF:776.4/15

+ sign 39.003+/-0.153 χ^2/NDF: 4567.2/33

All: 38.934+/-0.107 χ^2/NDF: 9009.9/68

- sign 38.867+/-0.151 χ^2/NDF: 4442.3/34

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.195+/-0.008 χ^2/NDF:309.0/16

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

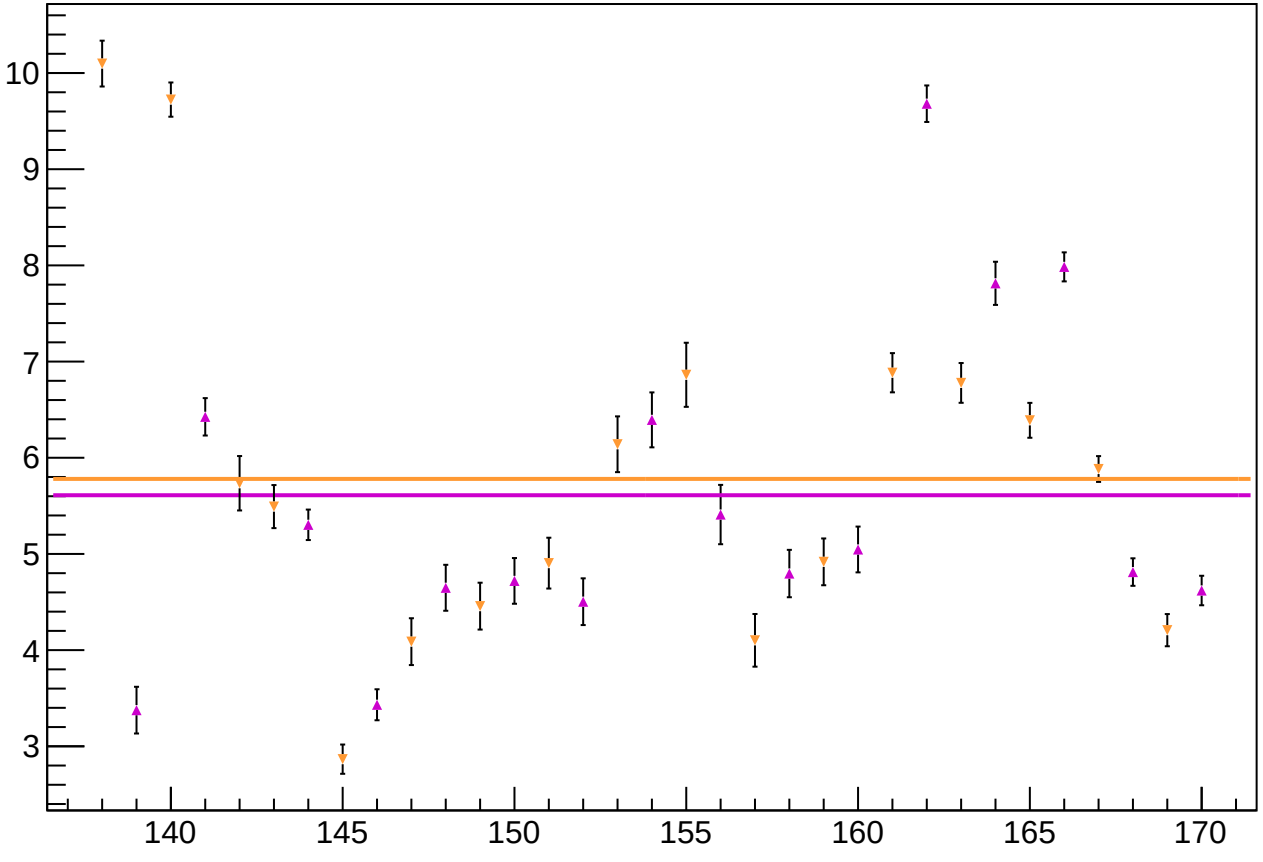
Left In: 0.193+/-0.007 χ^2/NDF:677.7/15

+ sign 0.151+/-0.007 χ^2/NDF: 1722.7/33

All: 0.145+/-0.005 χ^2/NDF: 4262.2/68

- sign 0.139+/-0.007 χ^2/NDF: 2538.2/34

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: 5.780+/-0.050 χ^2/NDF:1491.2/16

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

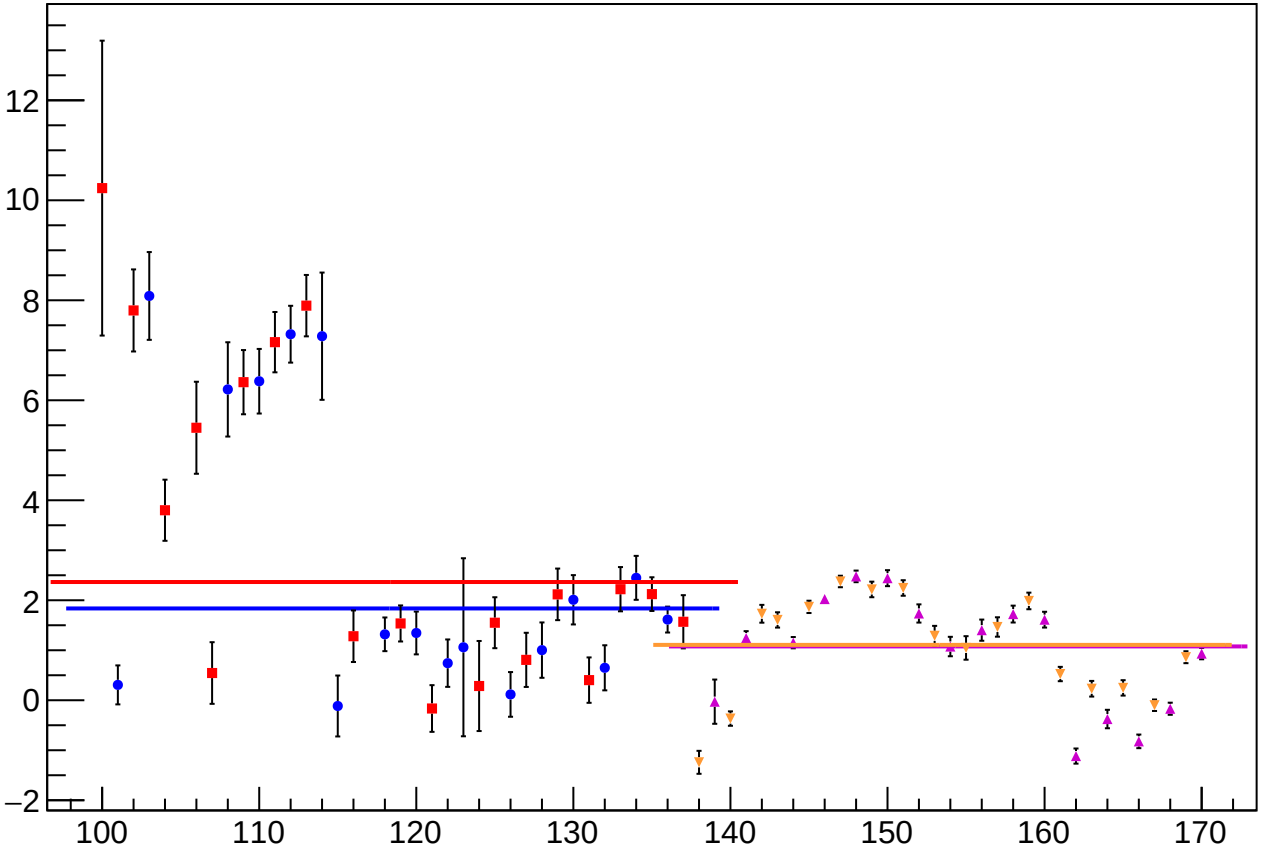
Left In: 5.610+/-0.049 χ^2/NDF:1240.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.693+/-0.035 χ^2/NDF: 2737.9/32

- 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: 1.107+/-0.037 χ^2/NDF:721.4/16

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

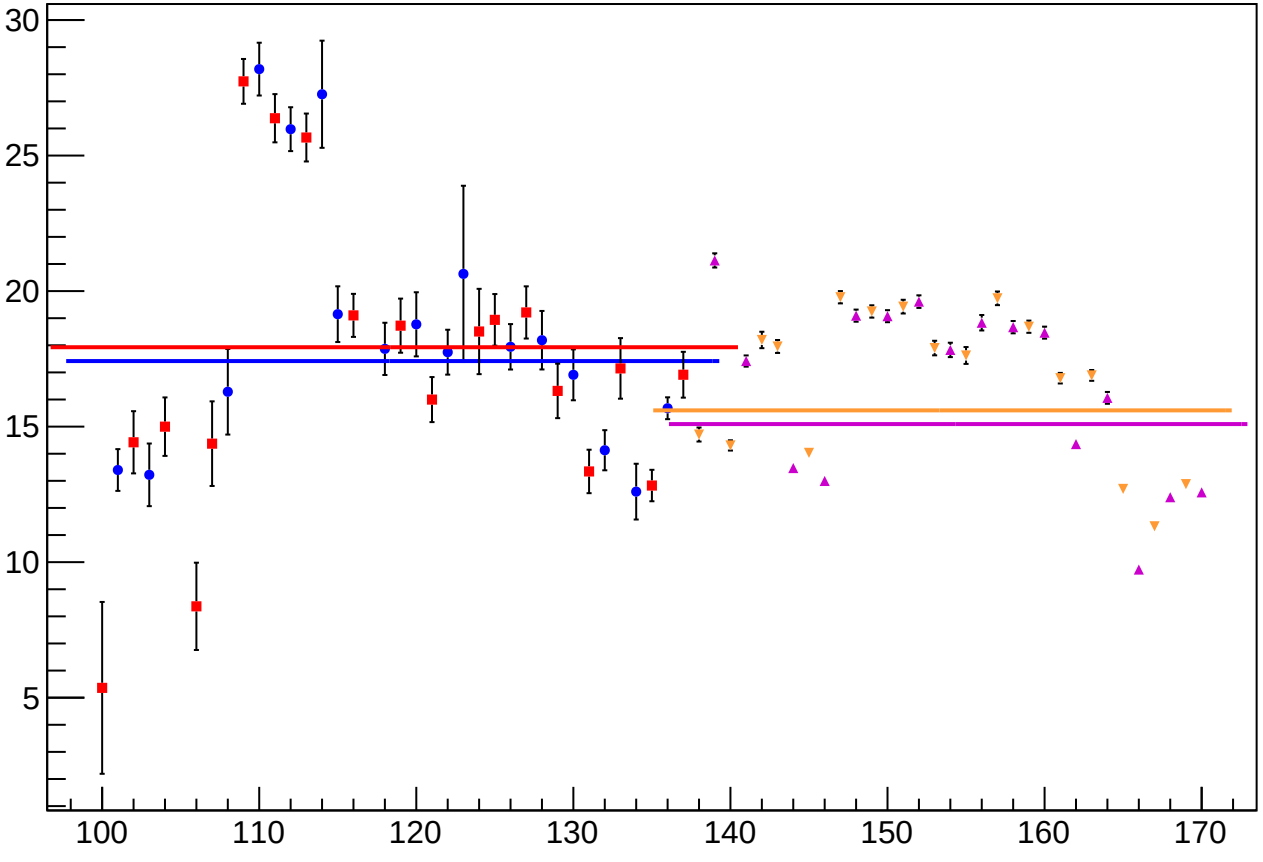
Left In: 1.077+/-0.036 χ^2/NDF:935.6/15

+ sign 1.173+/-0.035 χ^2/NDF: 1052.2/33

All: 1.175+/-0.024 χ^2/NDF: 2425.9/68

- sign 1.178+/-0.034 χ^2/NDF: 1373.7/34

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: 15.599+/-0.050 χ^2/NDF:3290.4/16

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

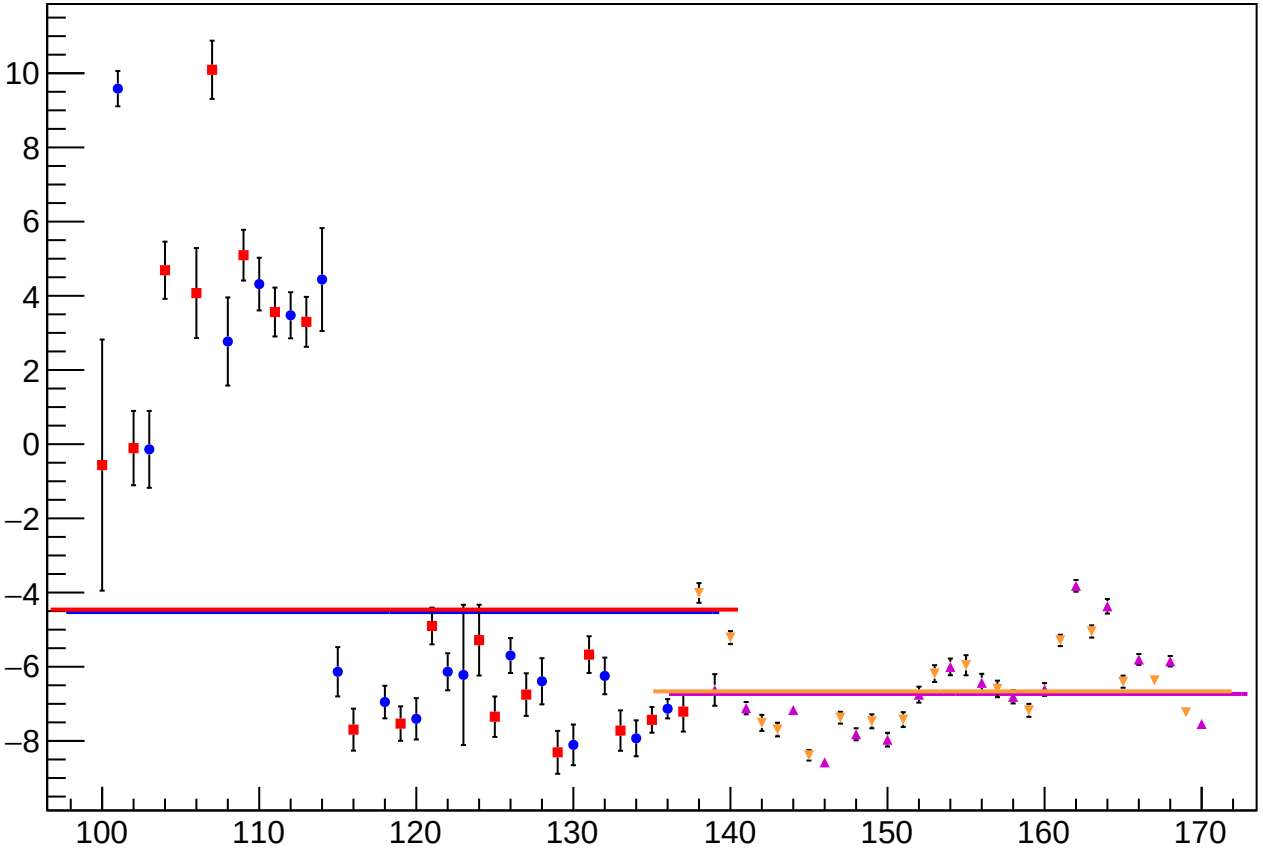
Left In: 15.094+/-0.049 χ^2/NDF:4577.7/15

+ sign 15.697+/-0.049 χ^2/NDF: 3727.1/33

All: 15.455+/-0.034 χ^2/NDF: 9018.3/68

- sign 15.227+/-0.047 χ^2/NDF: 5243.9/34

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: -6.664+/-0.042 χ^2/NDF:637.2/16

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

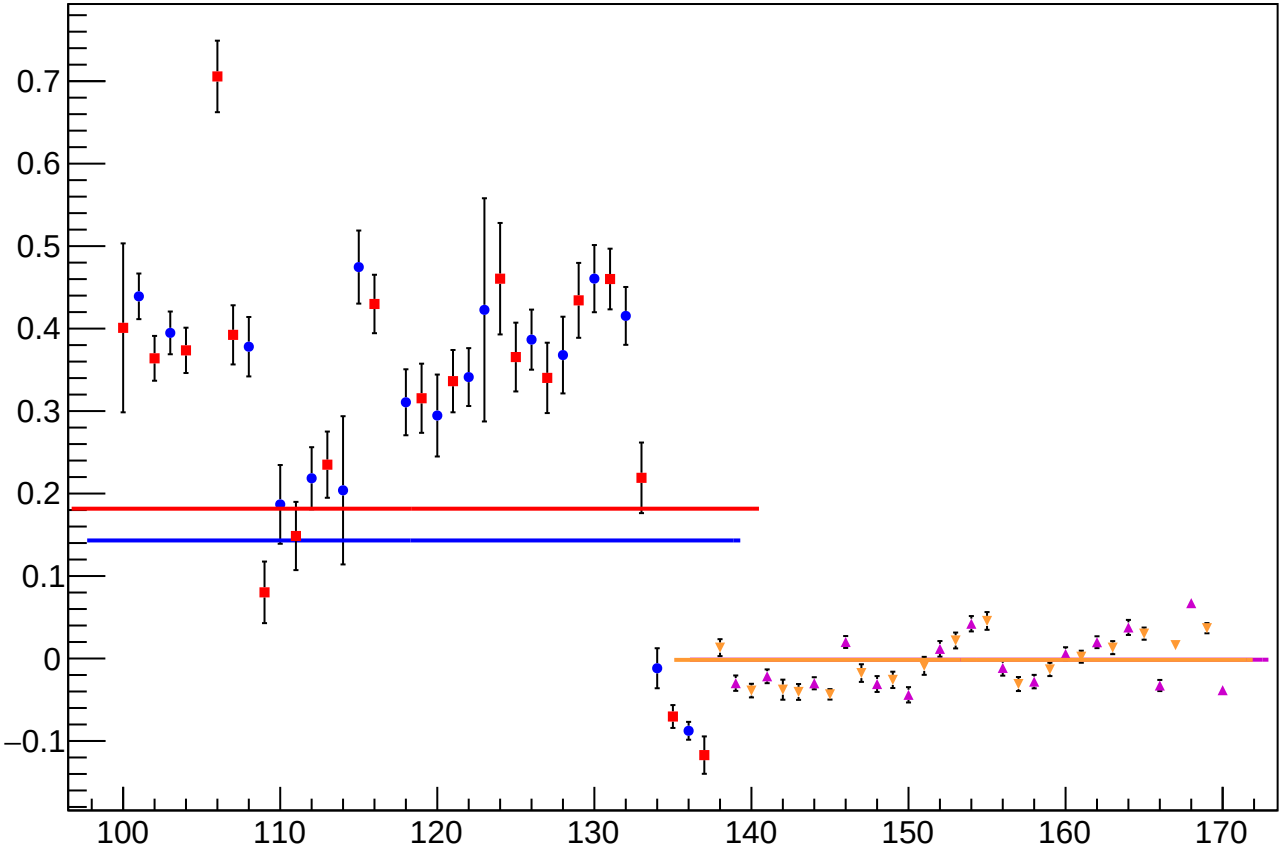
Left In: -6.733+/-0.041 χ^2/NDF:945.1/15

+ sign -6.458+/-0.040 χ^2/NDF: 2473.7/33

All: -6.501+/-0.028 χ^2/NDF: 5012.5/68

- sign -6.542+/-0.040 χ^2/NDF: 2536.6/34

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: -0.002+/-0.002 χ^2/NDF:210.1/16

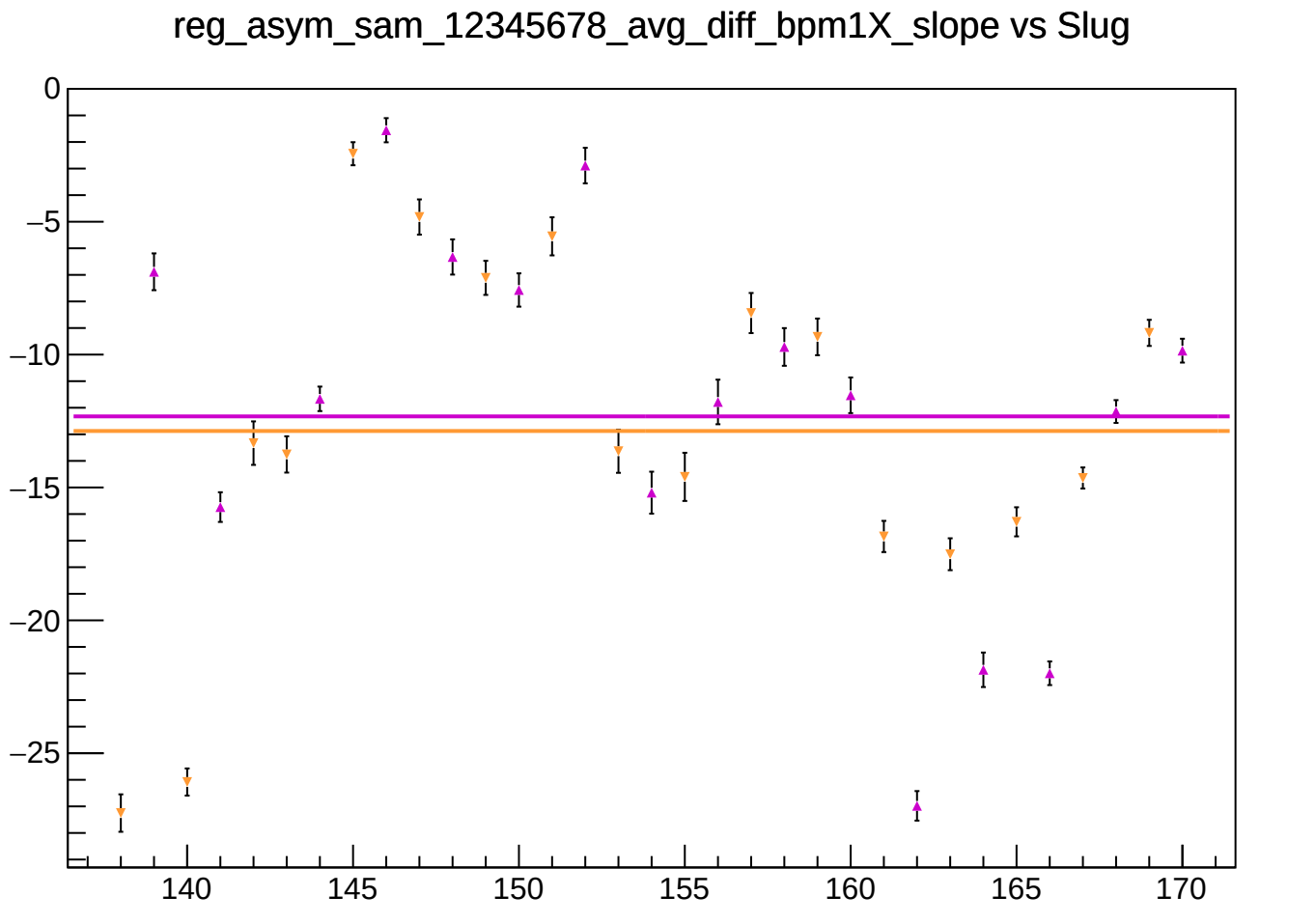
Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: -0.001+/-0.002 χ^2/NDF:353.5/15

+ sign 0.009+/-0.002 χ^2/NDF: 1661.2/33

All: 0.010+/-0.001 χ^2/NDF: 3597.9/68

- sign 0.010+/-0.002 χ^2/NDF: 1936.5/34



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

Left Out: -12.875+/-0.145 χ^2/NDF:2284.2/16

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

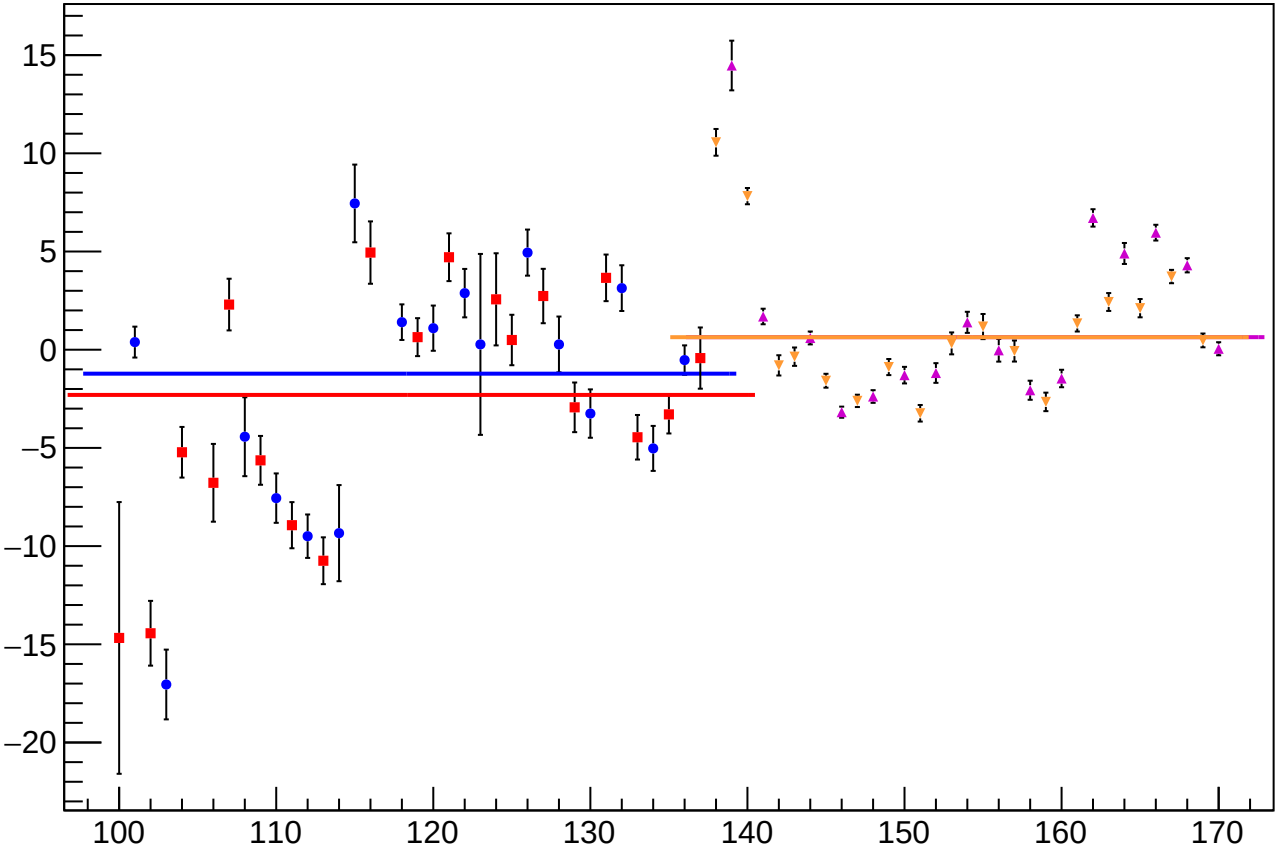
Left In: -12.325+/-0.141 χ^2/NDF:2444.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.592+/-0.101 χ^2/NDF: 4735.9/32

- 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: 0.637+/-0.104 χ^2/NDF:931.8/16

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

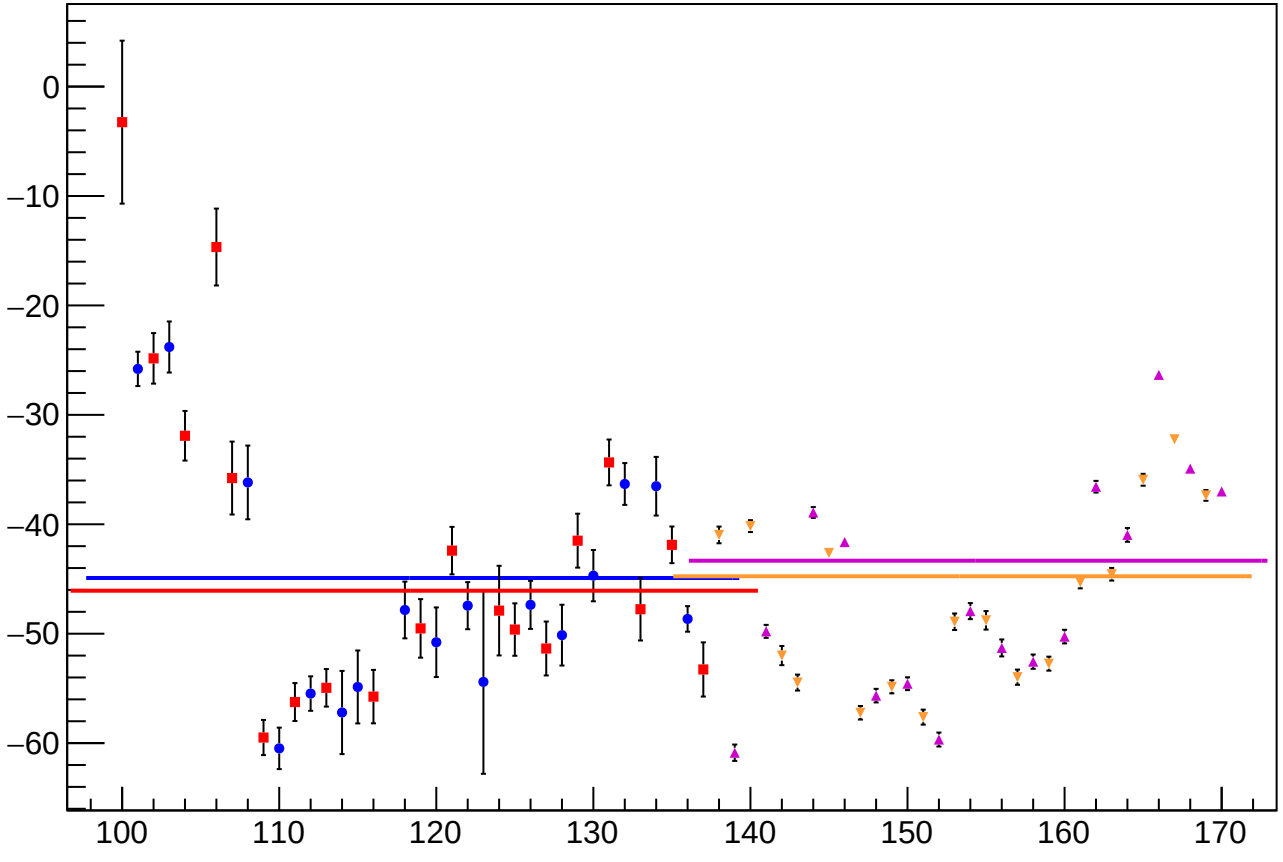
Left In: 0.639+/-0.103 χ^2/NDF:1019.8/15

+ sign 0.424+/-0.098 χ^2/NDF: 1246.7/33

All: 0.380+/-0.069 χ^2/NDF: 2638.0/68

- sign 0.336+/-0.097 χ^2/NDF: 1390.9/34

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -44.752+/-0.144 χ^2/NDF:3233.1/16

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

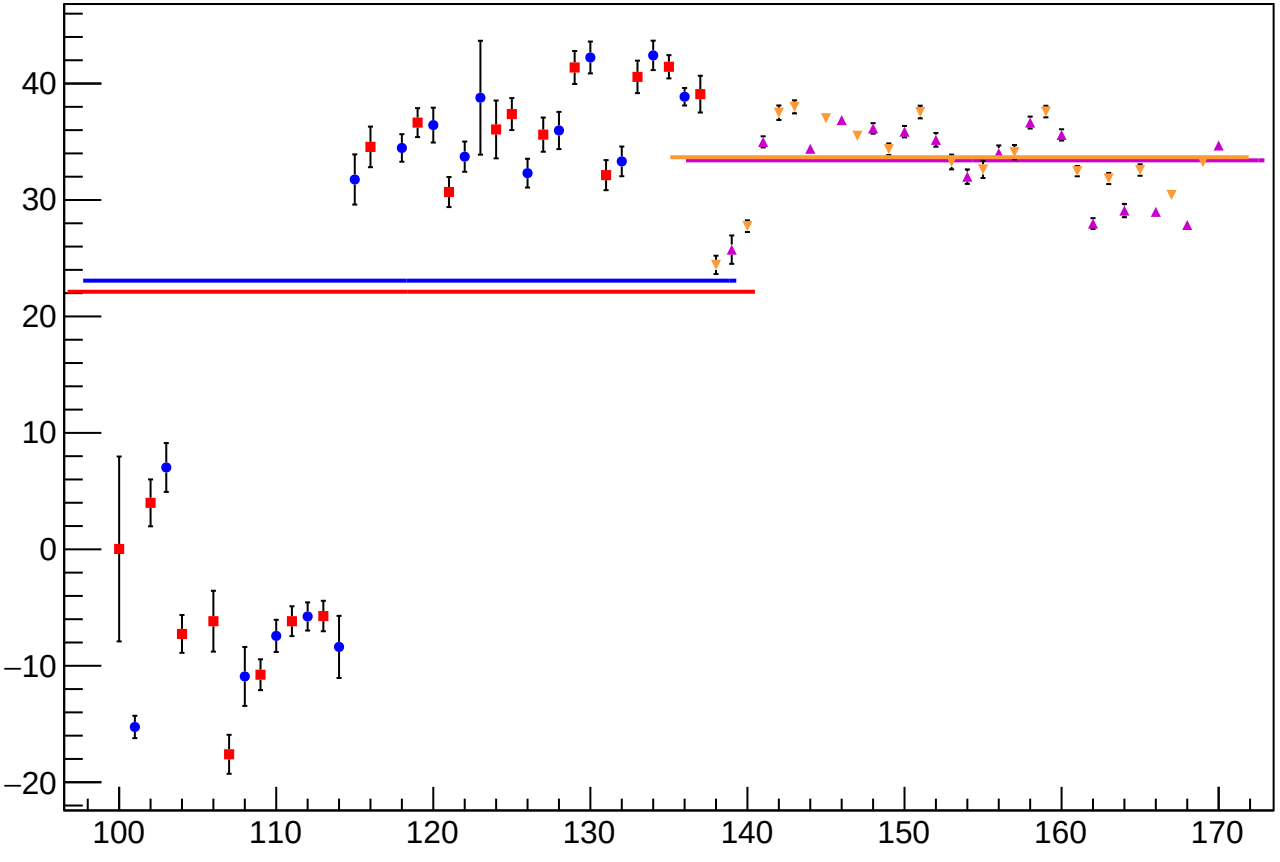
Left In: -43.330+/-0.139 χ^2/NDF:4799.6/15

+ sign -44.763+/-0.139 χ^2/NDF: 3654.4/33

All: -44.115+/-0.097 χ^2/NDF: 8975.1/68

- sign -43.508+/-0.135 χ^2/NDF: 5278.8/34

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 33.673+/-0.121 χ^2/NDF:681.7/16

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

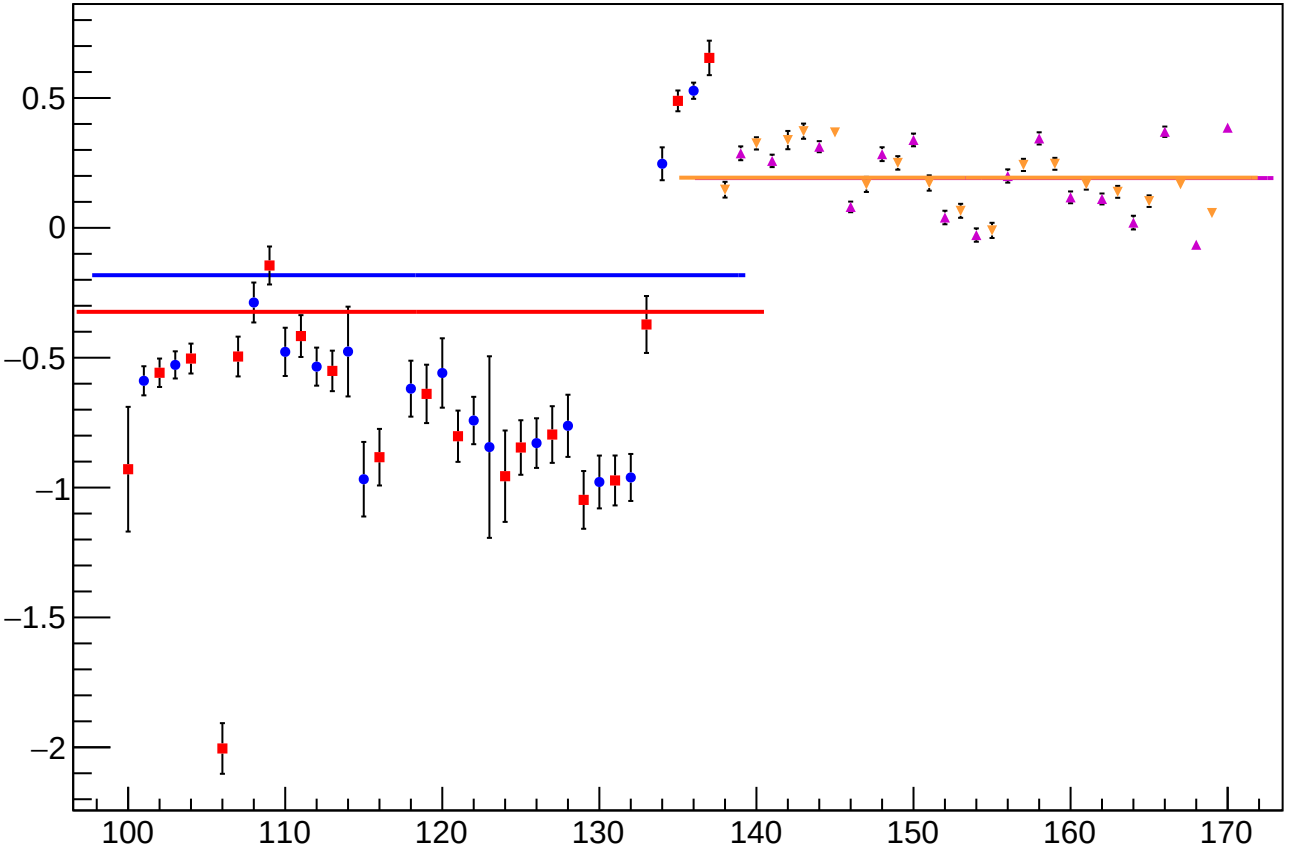
Left In: 33.404+/-0.119 χ^2/NDF:775.6/15

+ sign 32.392+/-0.113 χ^2/NDF: 5957.1/33

All: 32.283+/-0.080 χ^2/NDF: 11750.9/68

- sign 32.176+/-0.112 χ^2/NDF: 5792.0/34

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.193+/-0.006 χ^2/NDF:349.1/16

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

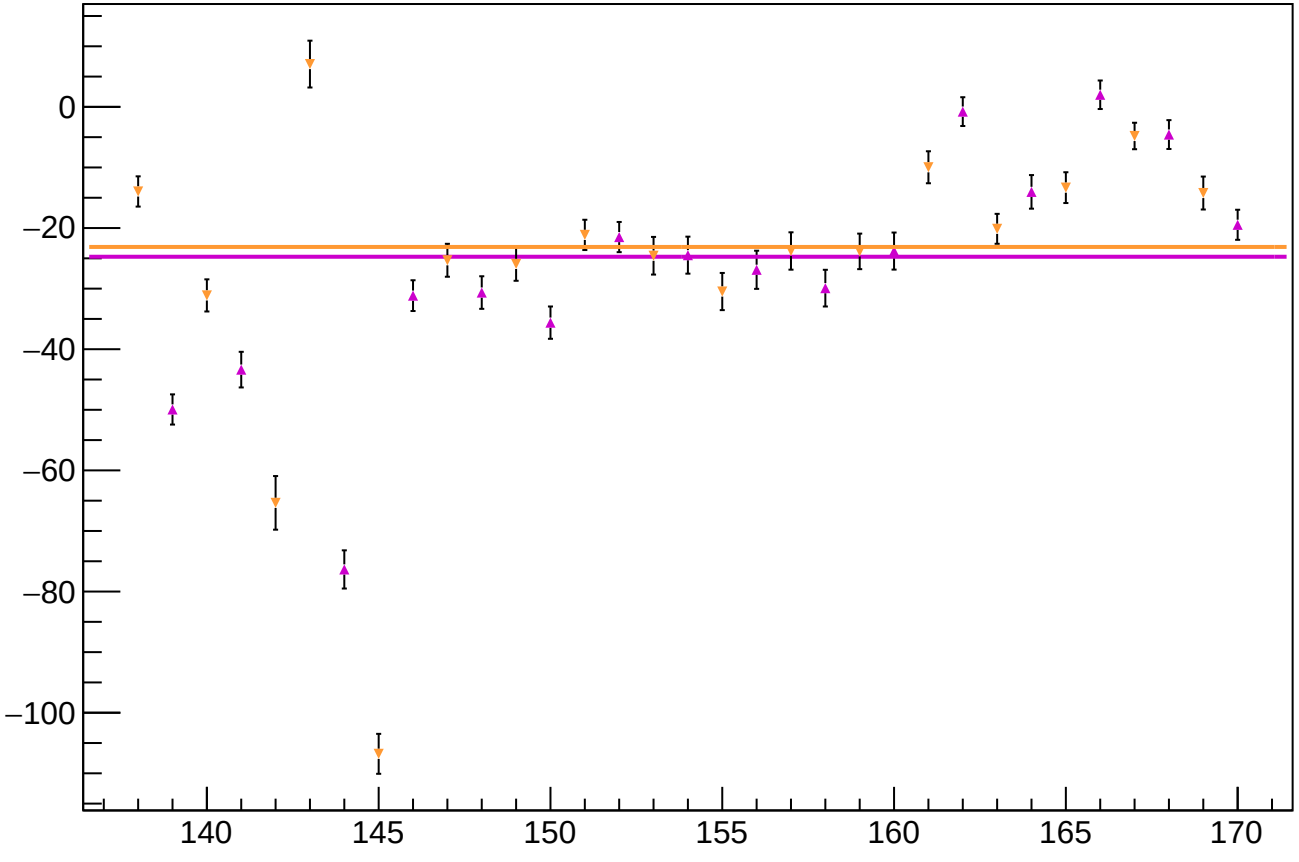
Left In: 0.192+/-0.006 χ^2/NDF:811.2/15

+ sign 0.158+/-0.005 χ^2/NDF: 1754.1/33

All: 0.153+/-0.004 χ^2/NDF: 4487.4/68

- sign 0.148+/-0.005 χ^2/NDF: 2731.5/34

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -23.119+/-0.678 χ^2/NDF:949.2/16

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

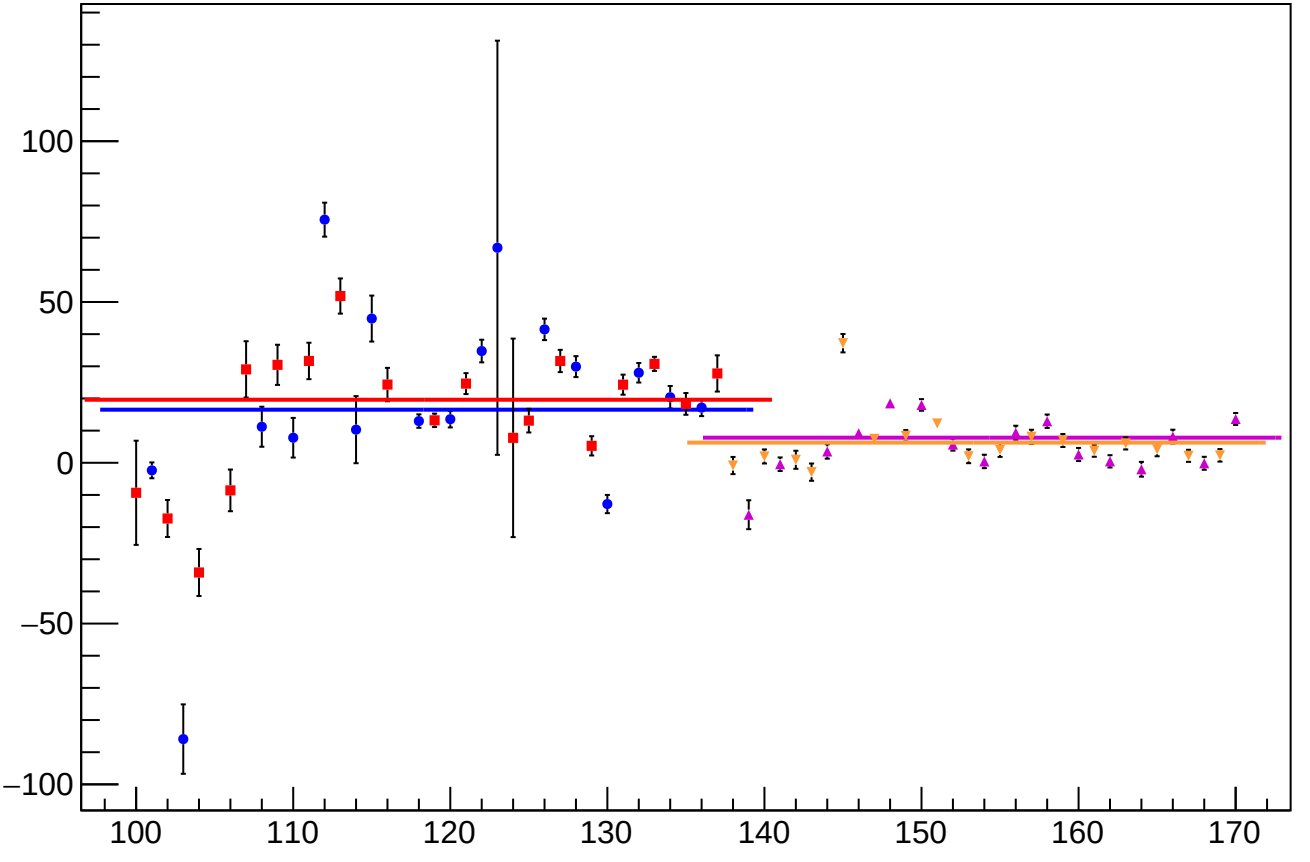
Left In: -24.737+/-0.671 χ^2/NDF:765.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.937+/-0.477 χ^2/NDF: 1717.5/32

- 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: 6.271+/-0.479 χ^2/NDF:180.7/16

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

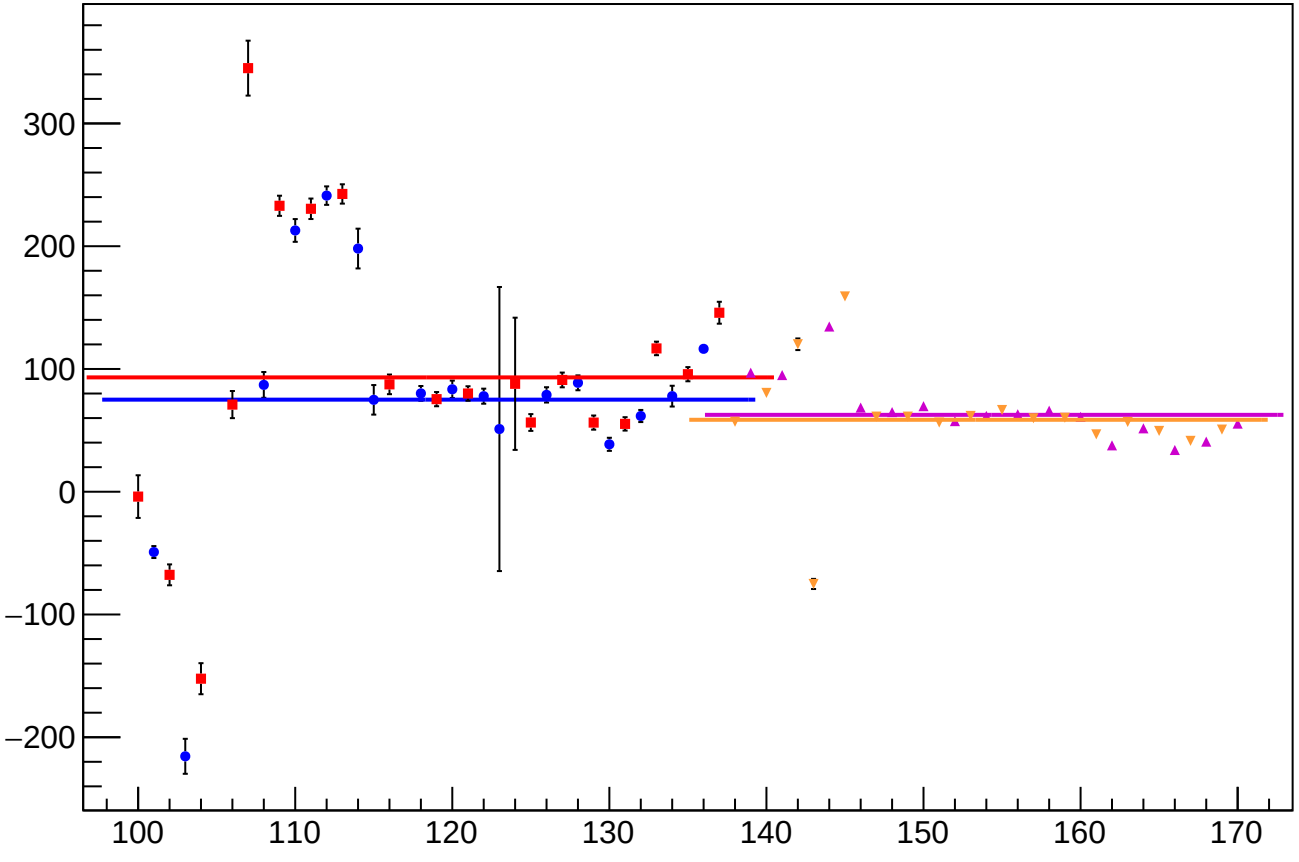
Left In: 7.806+/-0.486 χ^2/NDF:232.0/15

+ sign 8.753+/-0.417 χ^2/NDF: 811.0/33

All: 9.595+/-0.299 χ^2/NDF: 1426.7/68

- sign 10.481+/-0.428 χ^2/NDF: 607.3/34

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 58.604+/-0.666 χ^2/NDF:2256.8/16

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

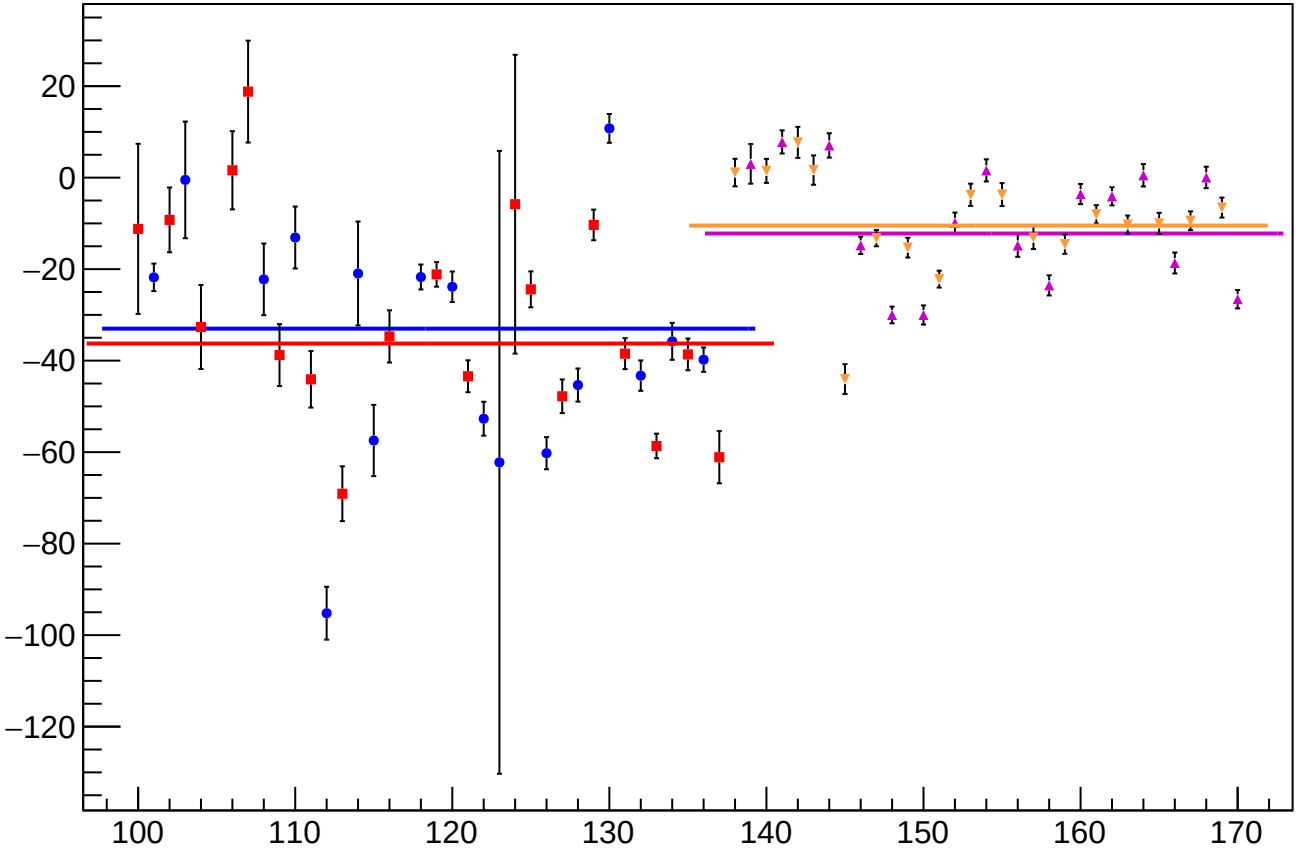
Left In: 62.632+/-0.657 χ^2/NDF:1113.8/15

+ sign 60.936+/-0.617 χ^2/NDF: 4342.4/33

All: 63.759+/-0.435 χ^2/NDF: 7777.2/68

- sign 66.546+/-0.613 χ^2/NDF: 3393.2/34

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -10.477+/-0.558 χ^2/NDF:257.0/16

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

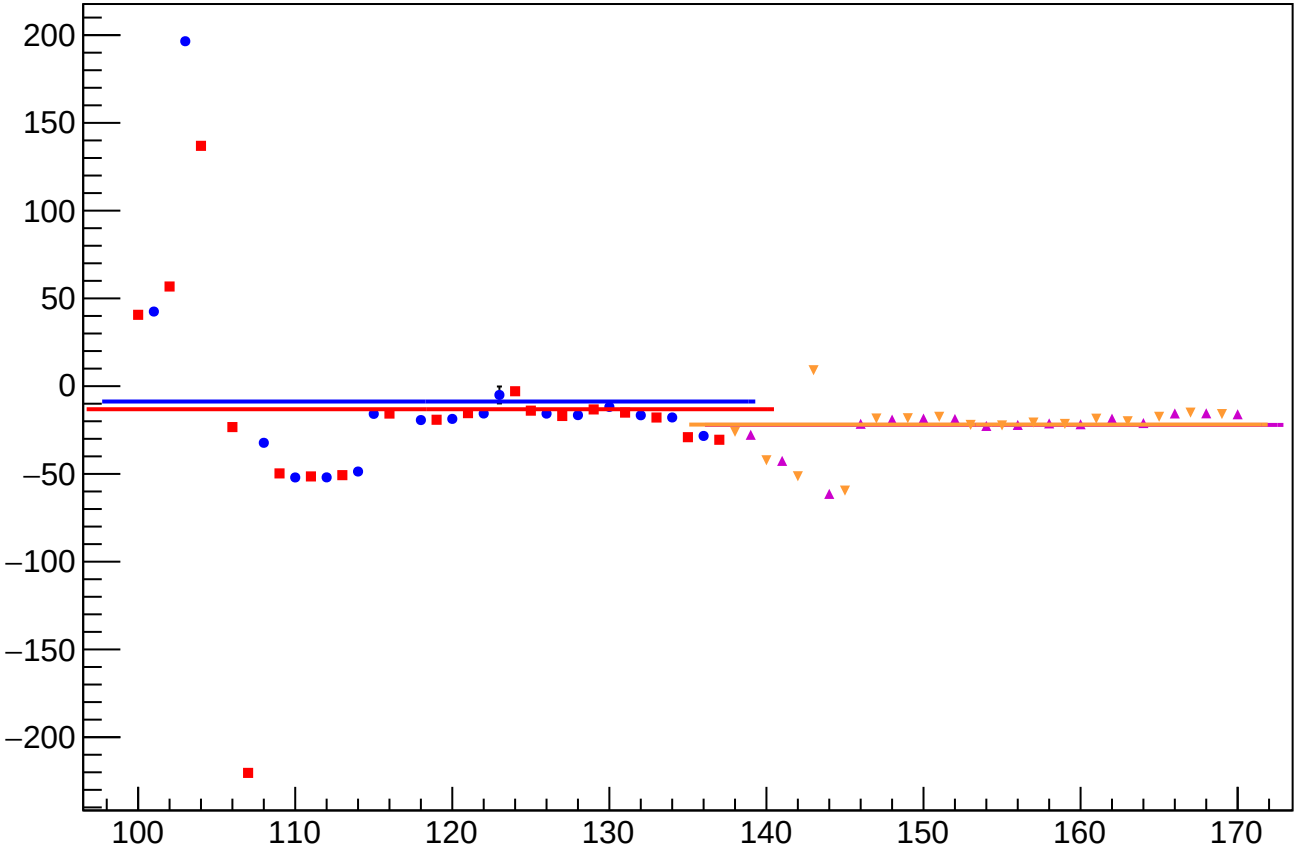
Left In: -12.212+/-0.564 χ^2/NDF:502.9/15

+ sign -16.065+/-0.484 χ^2/NDF: 1154.2/33

All: -16.914+/-0.346 χ^2/NDF: 2382.7/68

- sign -17.799+/-0.494 χ^2/NDF: 1222.2/34

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -21.889+/-0.026 χ^2/NDF:182075.0/16

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

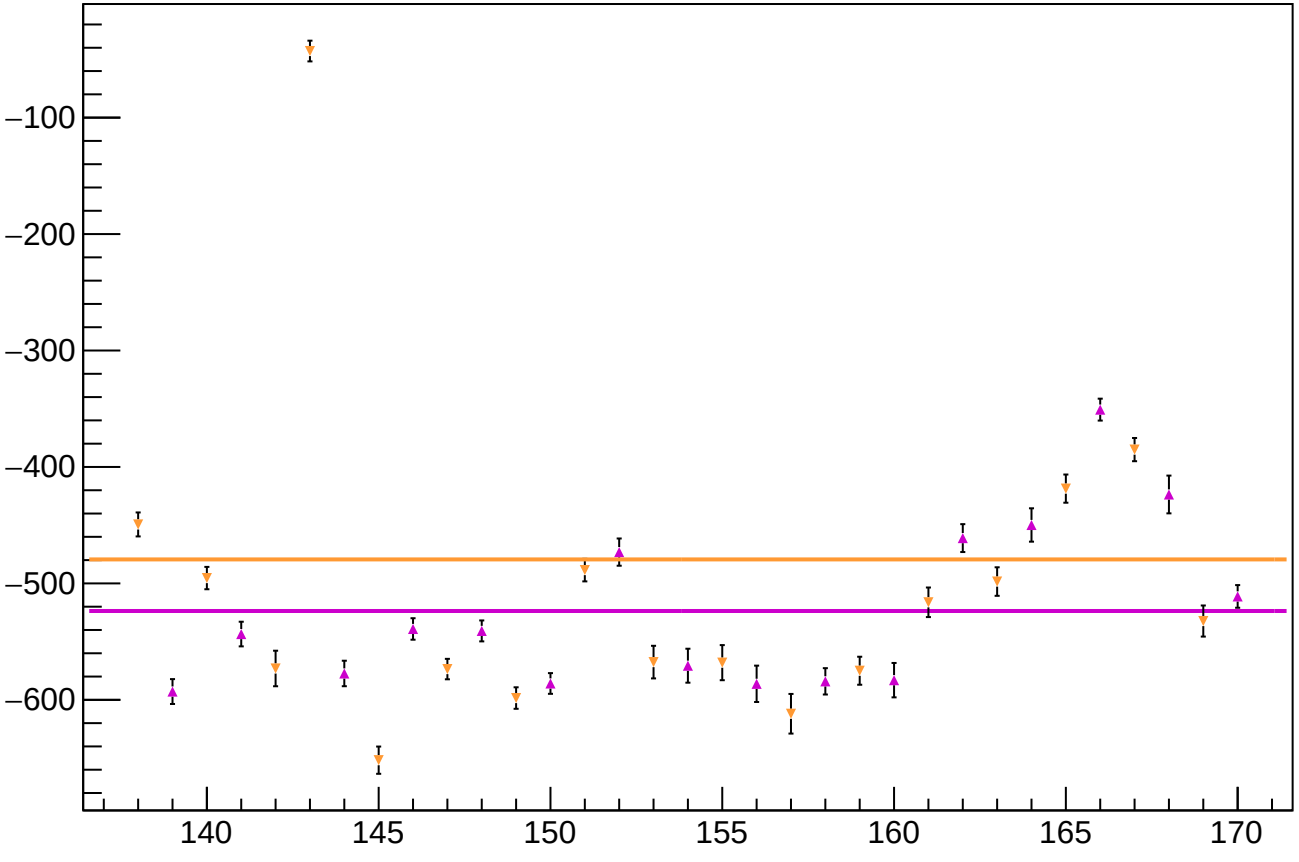
Left In: -22.084+/-0.026 χ^2/NDF:119301.5/15

+ sign -19.723+/-0.024 χ^2/NDF: 799773.4/33

All: -20.247+/-0.017 χ^2/NDF: 1496538.6/68

- sign -20.764+/-0.024 χ^2/NDF: 695809.8/34

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -479.401+/-2.721 χ^2/NDF:3294.4/16

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

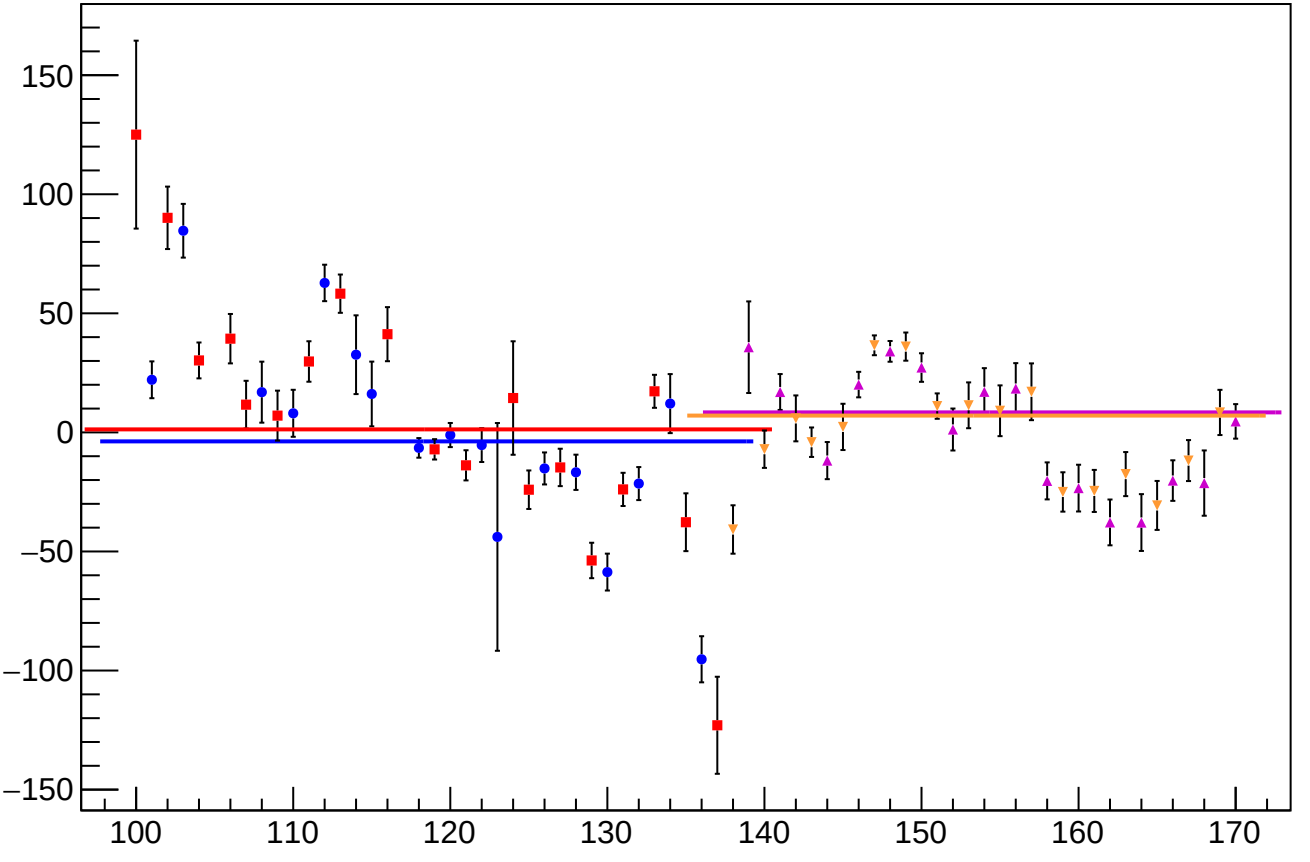
Left In: -523.693+/-2.786 χ^2/NDF:646.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -501.023+/-1.947 χ^2/NDF: 4070.0/32

- 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: 7.060+/-1.842 χ^2/NDF:157.9/16

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

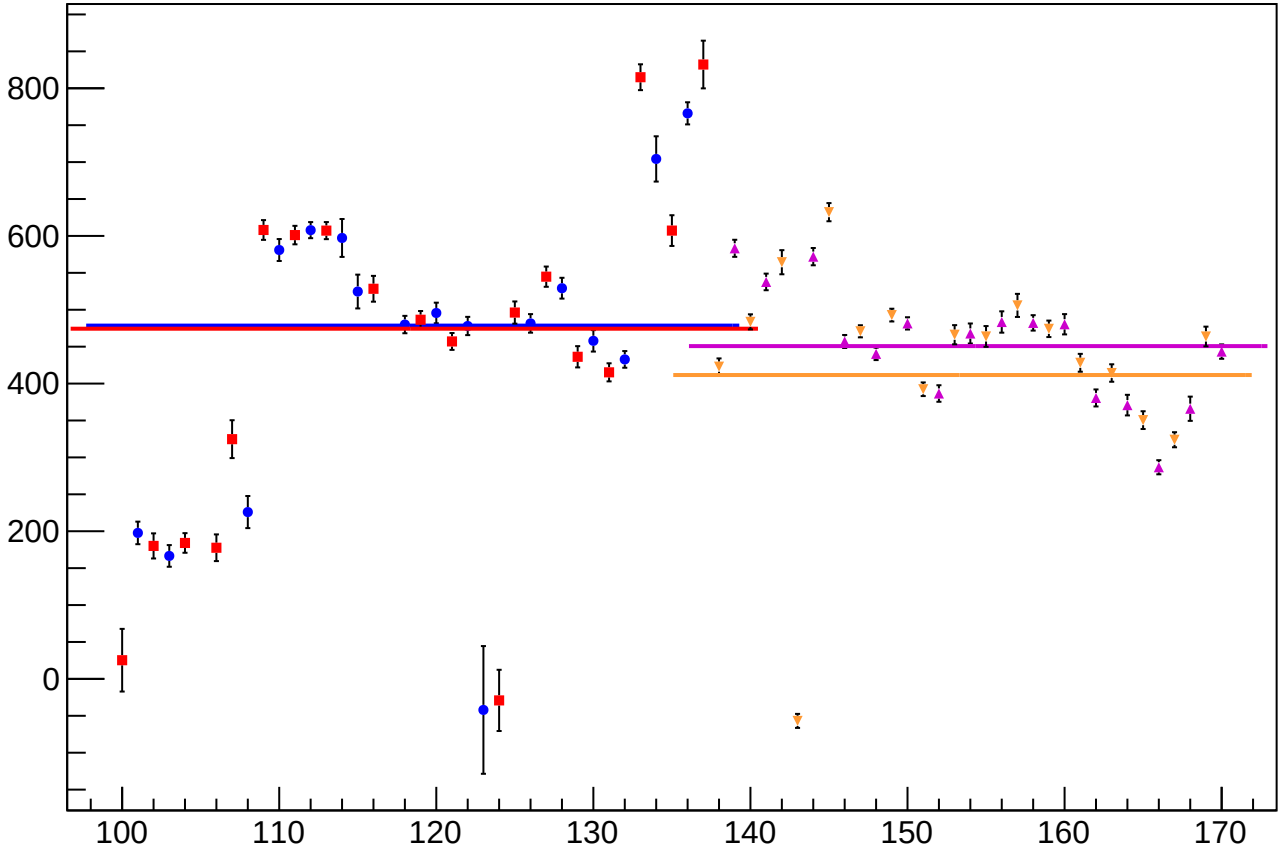
Left In: 8.402+/-1.936 χ^2/NDF:140.2/15

+ sign 1.779+/-1.319 χ^2/NDF: 489.1/33

All: 3.242+/-0.948 χ^2/NDF: 942.5/68

- sign 4.805+/-1.363 χ^2/NDF: 450.8/34

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 411.587+/-2.689 χ^2/NDF:3252.7/16

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

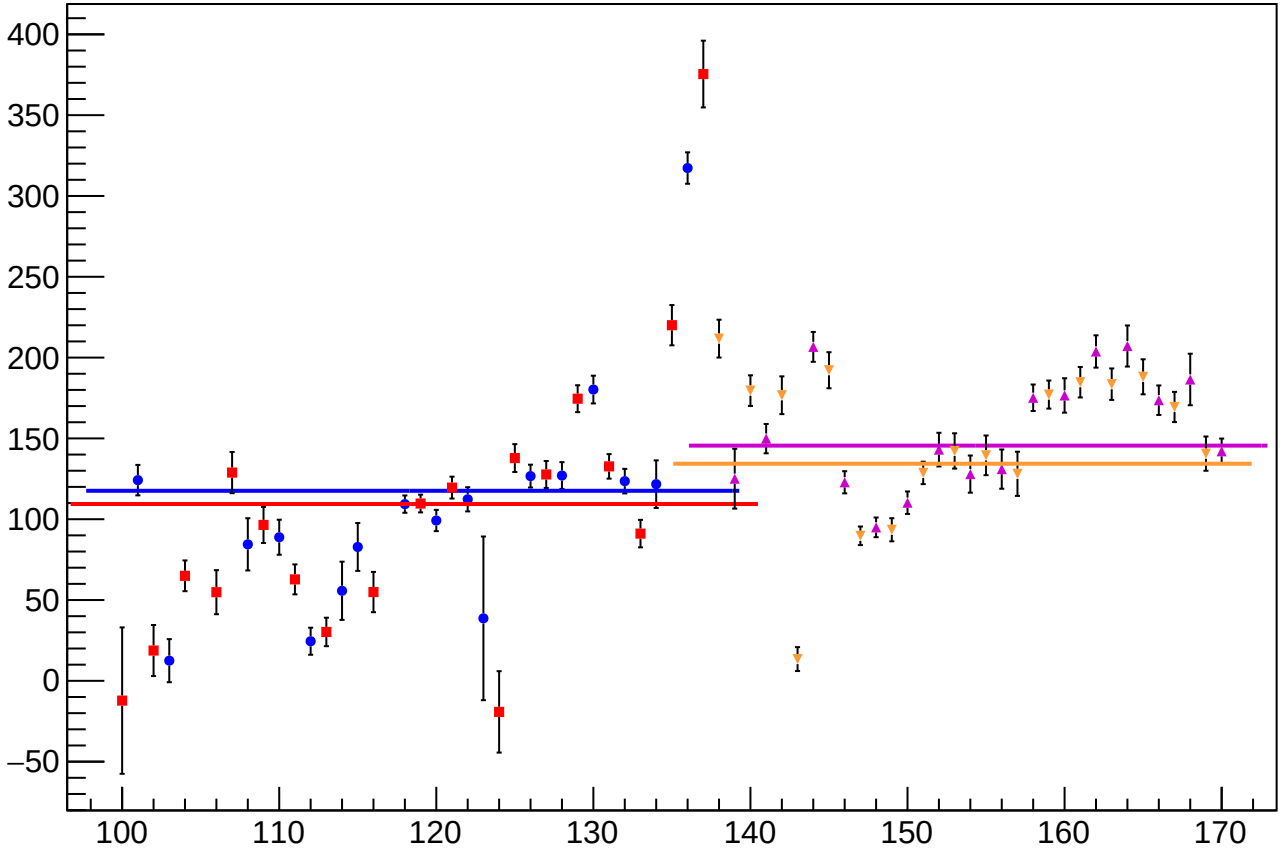
Left In: 450.766+/-2.726 χ^2/NDF:757.4/15

+ sign 435.308+/-2.161 χ^2/NDF: 5101.2/33

All: 447.449+/-1.527 χ^2/NDF: 8236.7/68

- sign 459.561+/-2.158 χ^2/NDF: 3072.4/34

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 134.334+/-2.198 χ^2/NDF:585.9/16

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

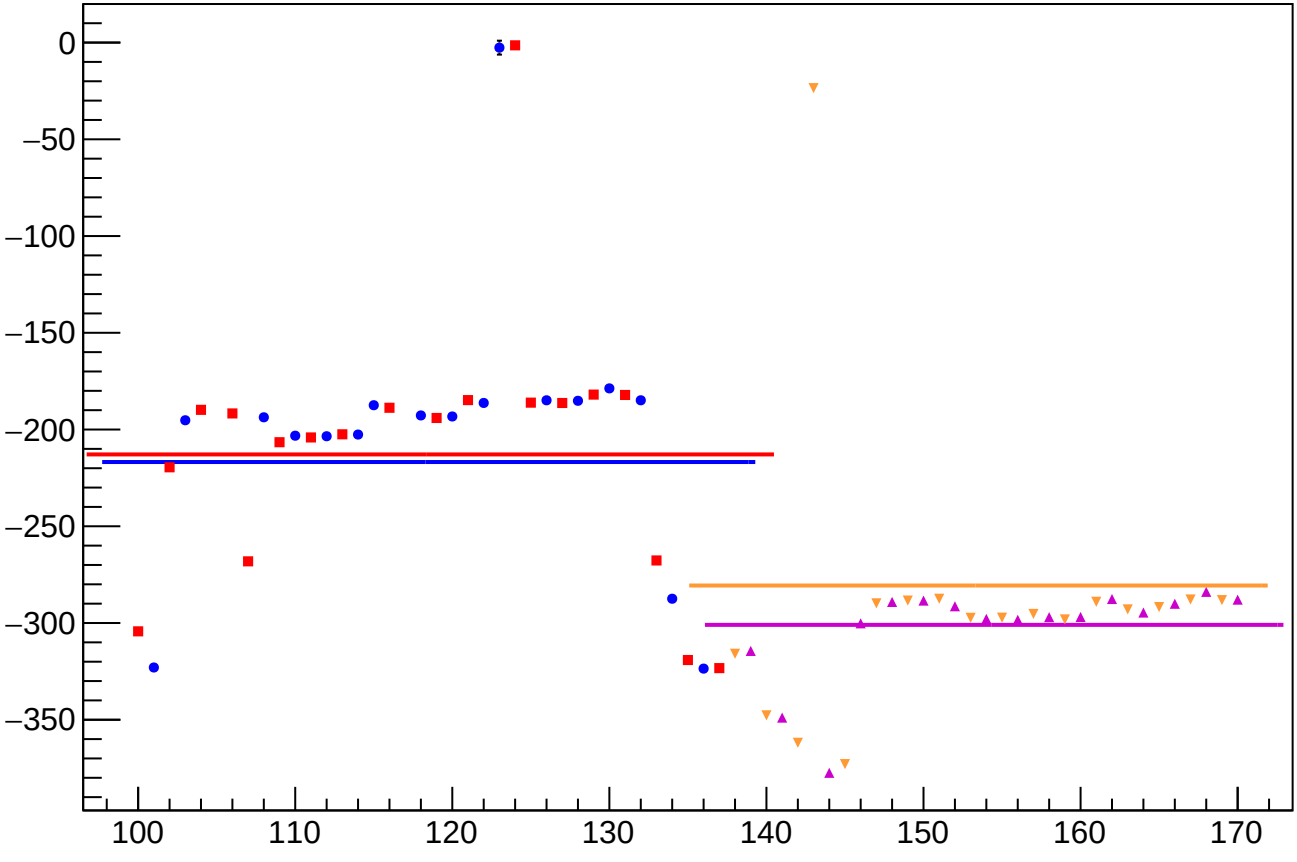
Left In: 145.535+/-2.287 χ^2/NDF:249.9/15

+ sign 125.941+/-1.552 χ^2/NDF: 1321.9/33

All: 126.382+/-1.110 χ^2/NDF: 2272.2/68

- sign 126.845+/-1.589 χ^2/NDF: 950.1/34

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -280.618+/-0.108 χ^2/NDF:546185.8/16

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

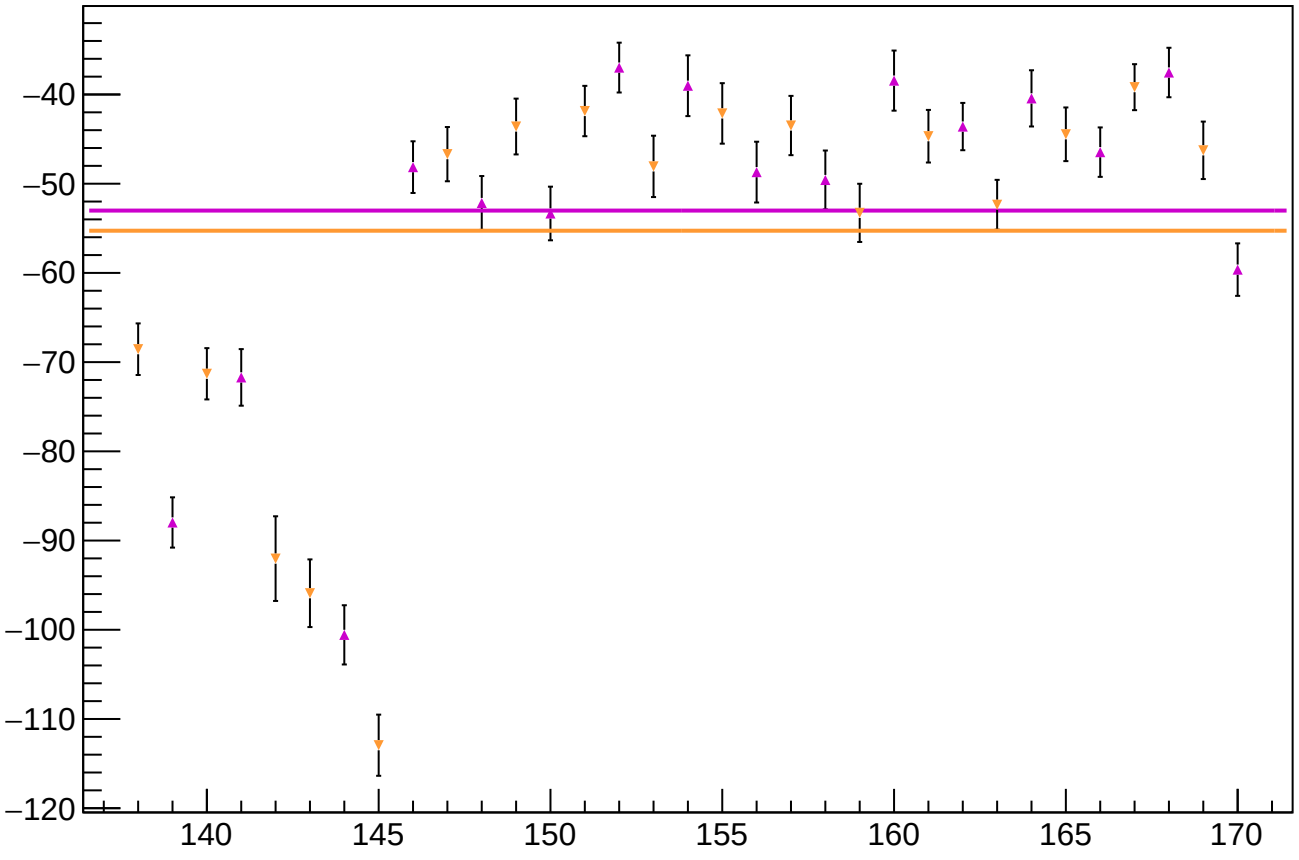
Left In: -300.958+/-0.109 χ^2/NDF:41206.1/15

+ sign -255.839+/-0.085 χ^2/NDF: 828577.4/33

All: -260.380+/-0.059 χ^2/NDF: 1261925.1/68

- sign -264.800+/-0.083 χ^2/NDF: 427652.2/34

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -55.270+/-0.760 χ^2/NDF:660.6/16

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

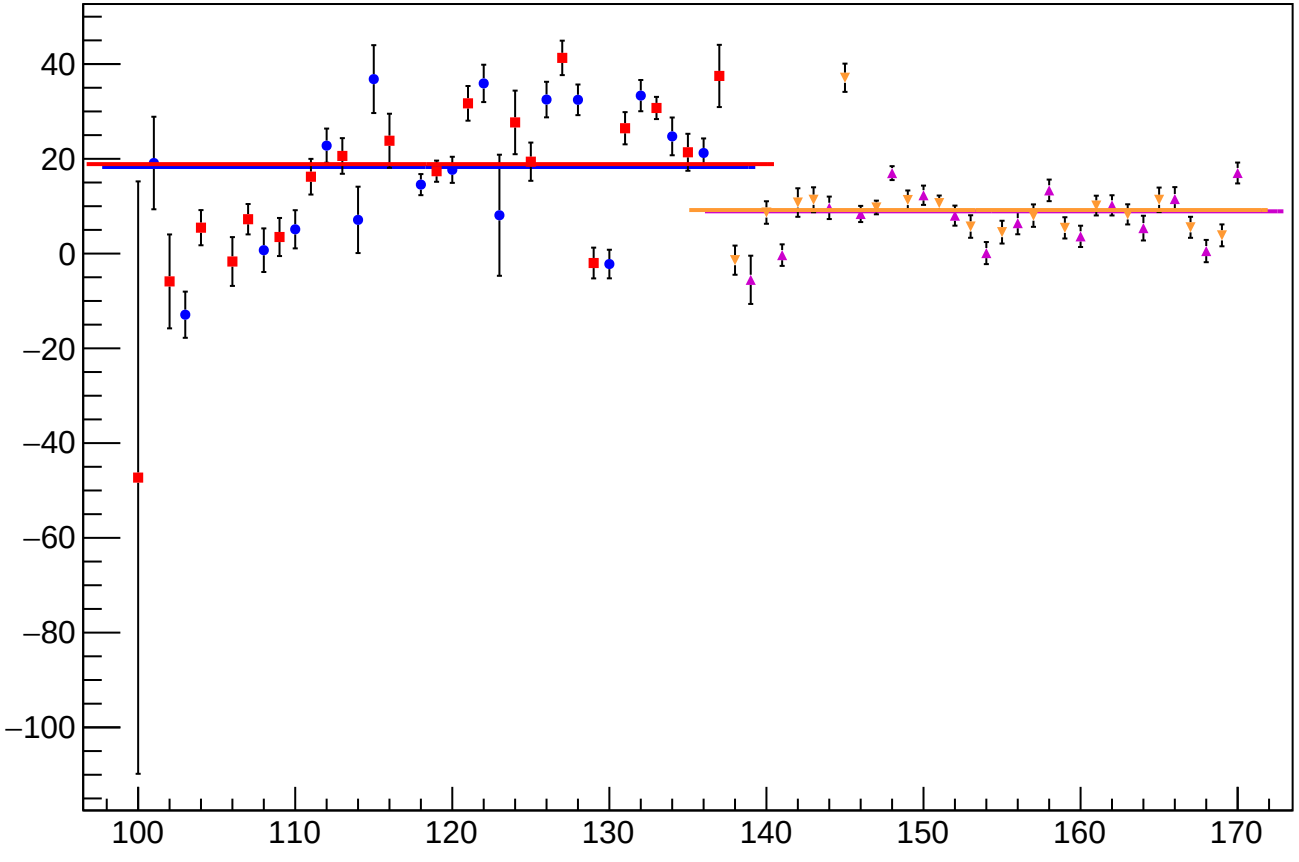
Left In: -53.012+/-0.755 χ^2/NDF:538.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -54.134+/-0.535 χ^2/NDF: 1203.4/32

- 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: 9.187+/-0.536 χ^2/NDF:120.7/16

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

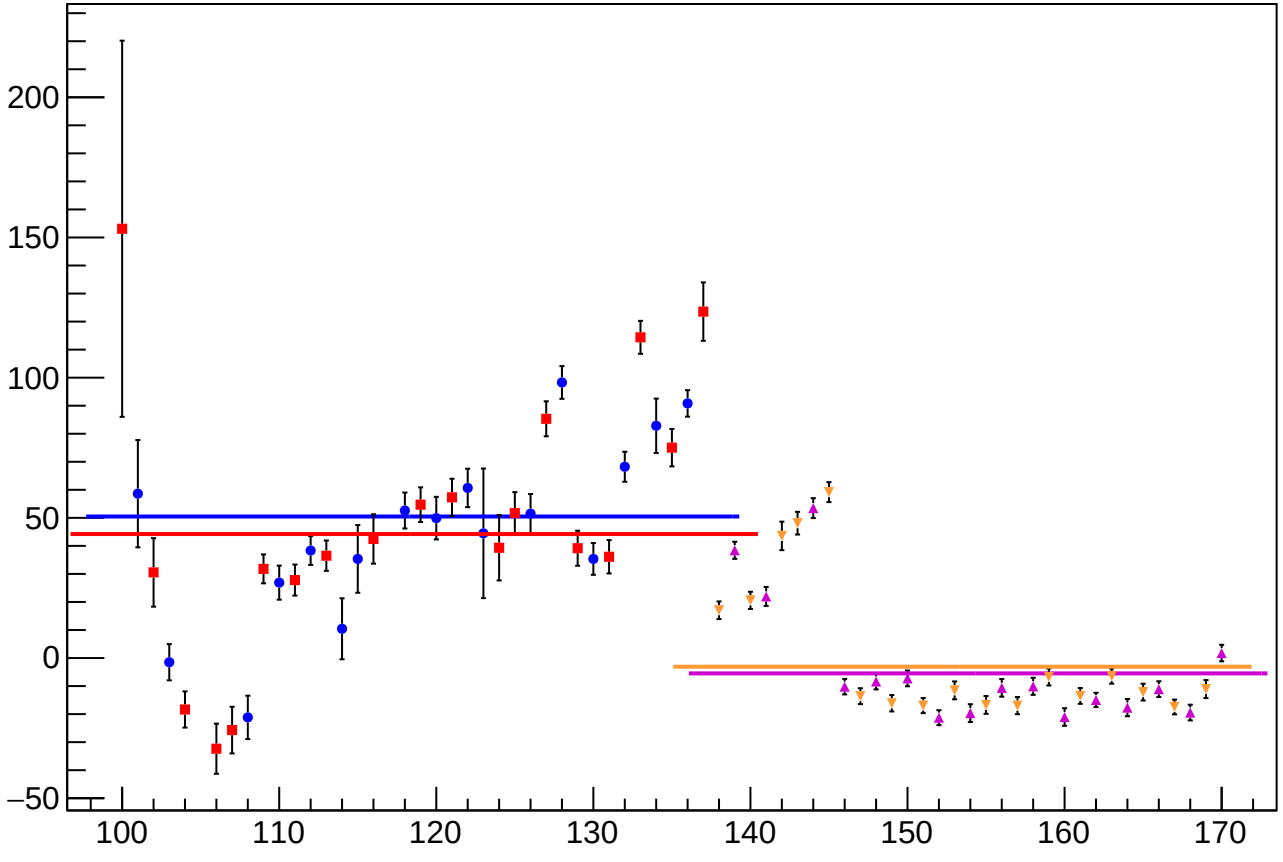
Left In: 8.919+/-0.547 χ^2/NDF:112.0/15

+ sign 11.544+/-0.461 χ^2/NDF: 399.9/33

All: 11.654+/-0.326 χ^2/NDF: 805.4/68

- sign 11.764+/-0.462 χ^2/NDF: 405.4/34

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: -3.097+/-0.746 χ^2/NDF:818.8/16

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

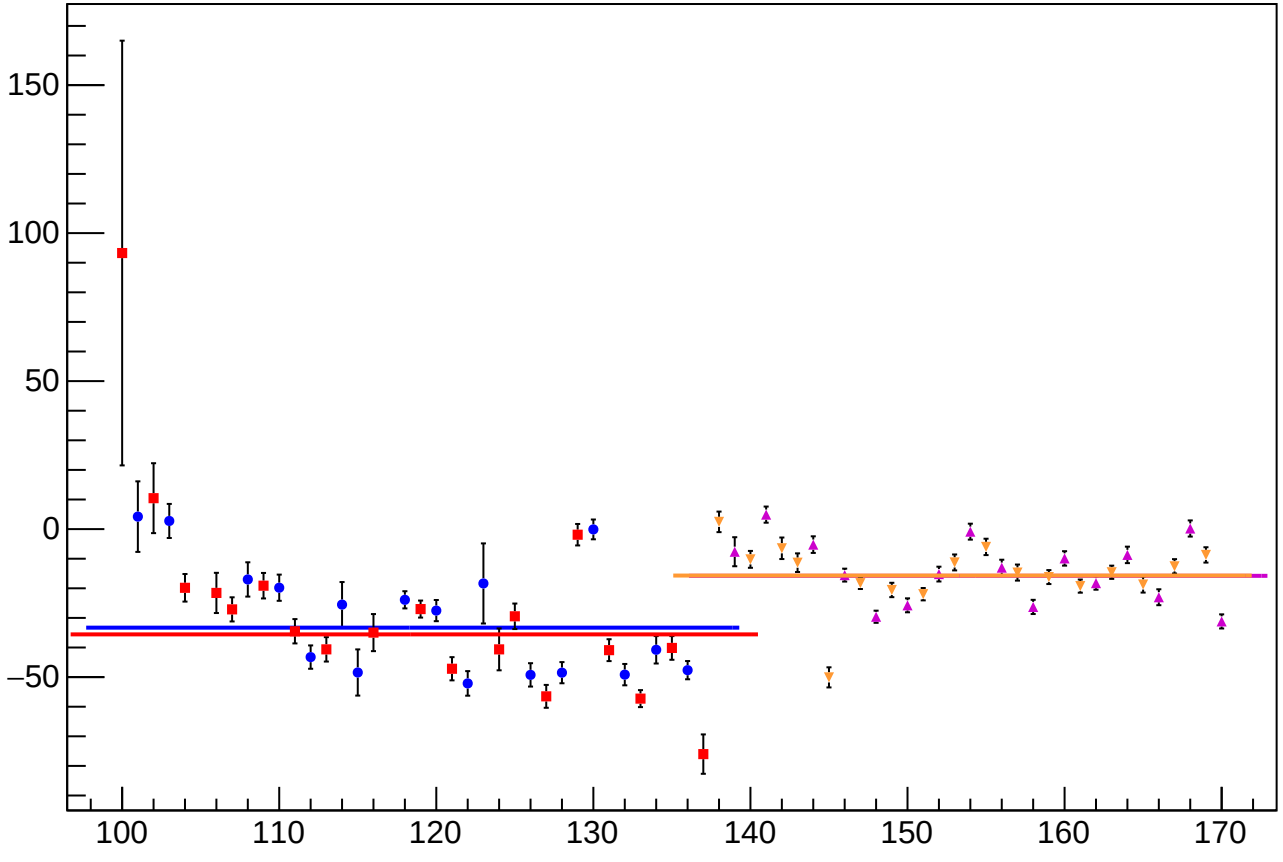
Left In: -5.477+/-0.739 χ^2/NDF:702.3/15

+ sign 5.842+/-0.681 χ^2/NDF: 2036.4/33

All: 4.517+/-0.478 χ^2/NDF: 4073.8/68

- sign 3.233+/-0.671 χ^2/NDF: 2030.0/34

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -15.690+/-0.625 χ^2/NDF:184.7/16

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

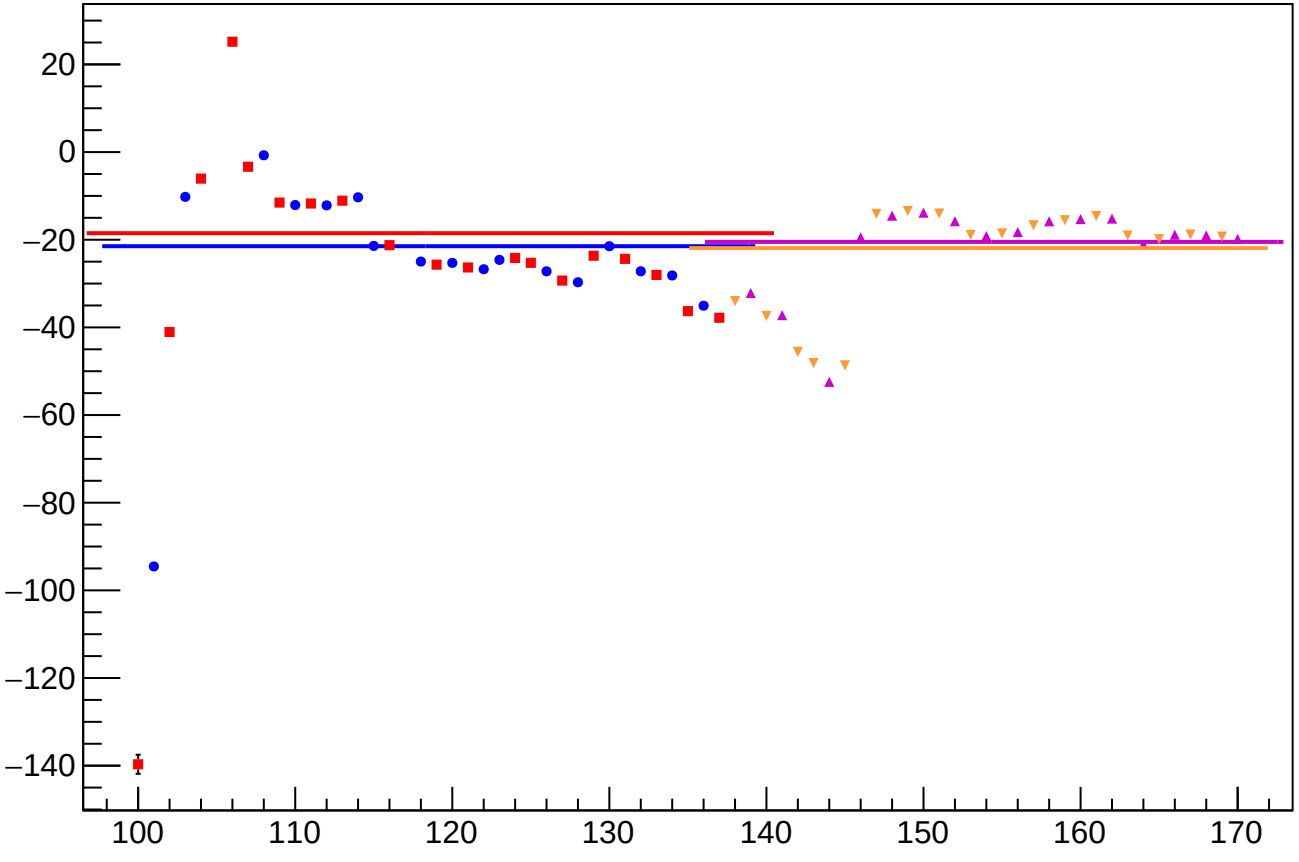
Left In: -15.784+/-0.634 χ^2/NDF:285.2/15

+ sign -20.405+/-0.535 χ^2/NDF: 686.4/33

All: -20.959+/-0.378 χ^2/NDF: 1543.6/68

- sign -21.512+/-0.534 χ^2/NDF: 855.0/34

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -21.918+/-0.029 χ^2/NDF:126518.7/16

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

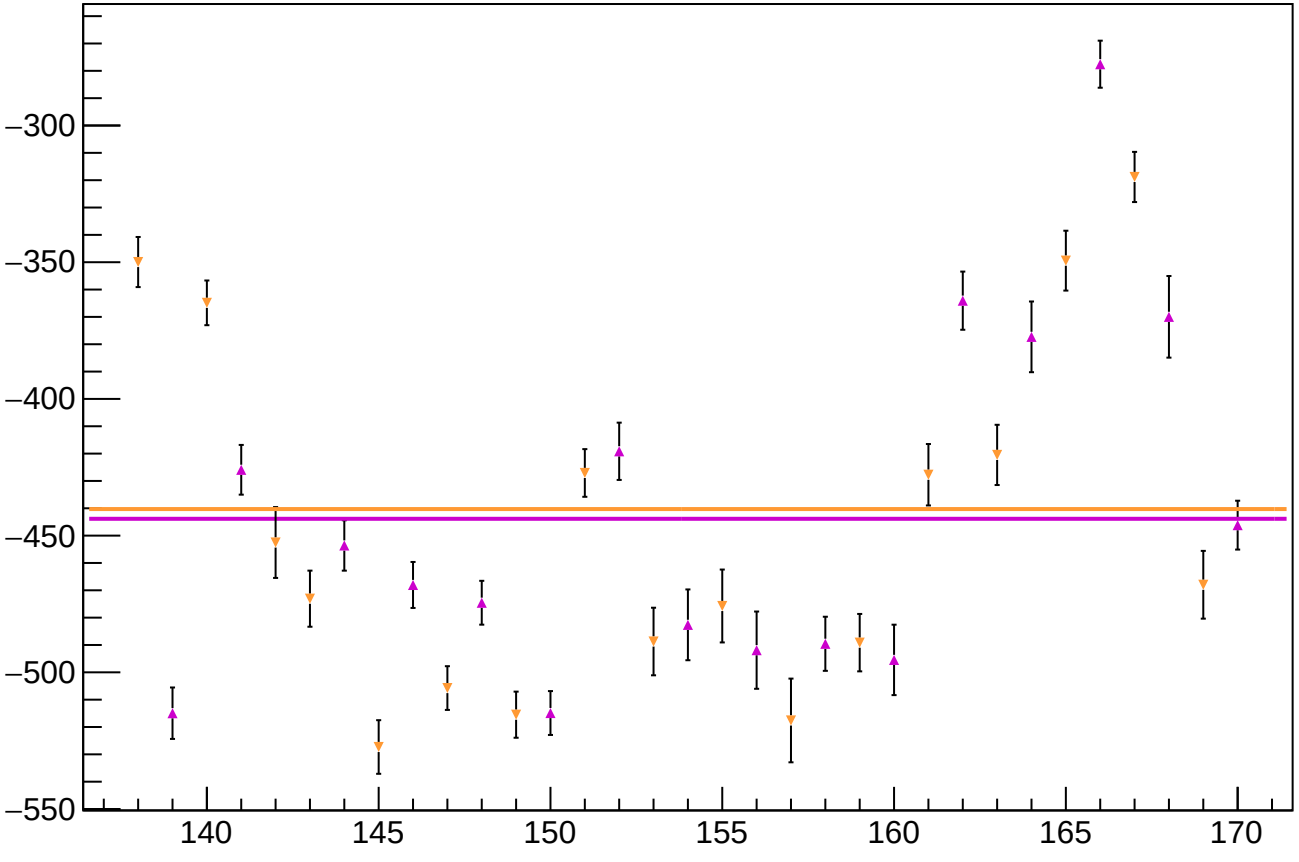
Left In: -20.497+/-0.029 χ^2/NDF:84454.8/15

+ sign -21.830+/-0.026 χ^2/NDF: 175574.0/33

All: -20.949+/-0.018 χ^2/NDF: 343956.8/68

- sign -20.094+/-0.026 χ^2/NDF: 166150.0/34

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -440.286+/-2.469 χ^2/NDF:744.1/16

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

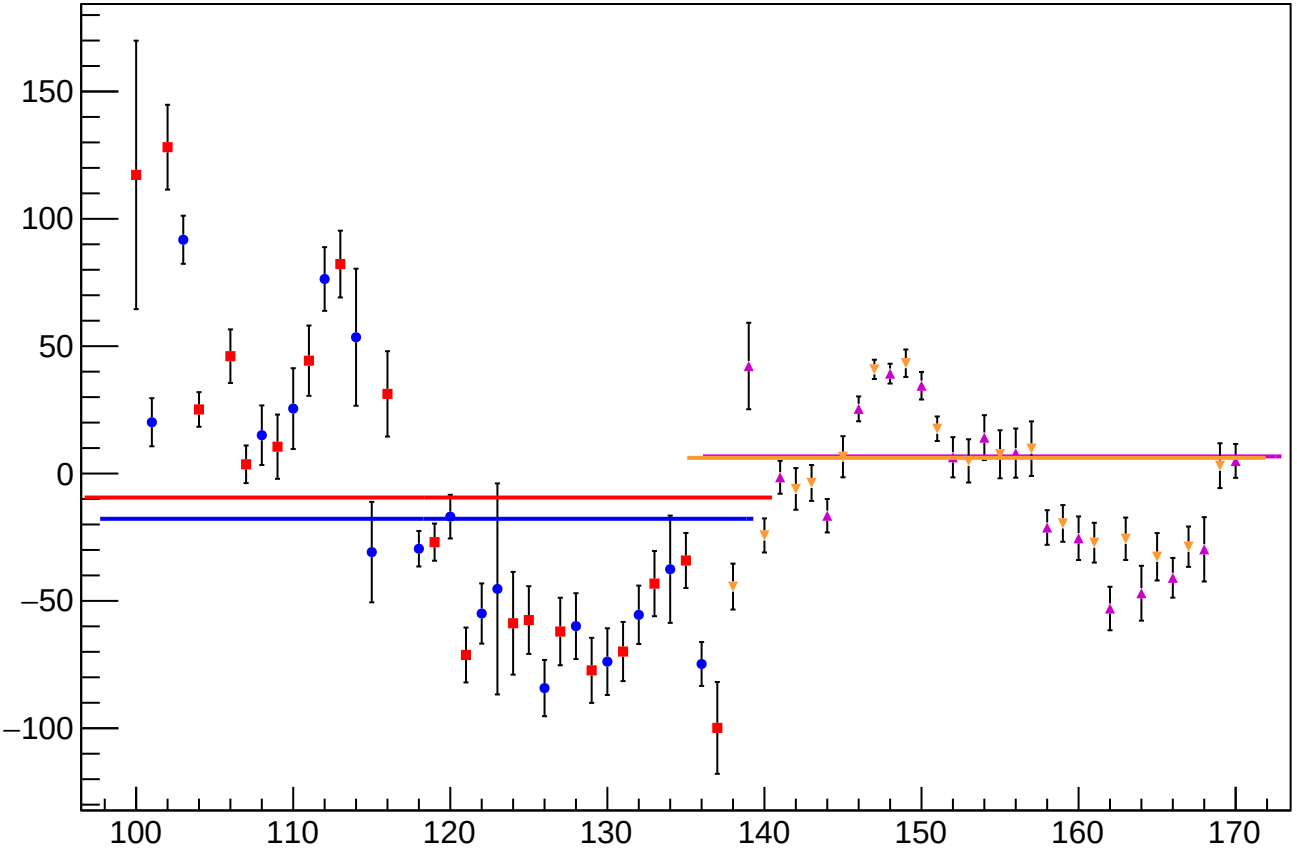
Left In: -443.845+/-2.484 χ^2/NDF:707.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -442.055+/-1.751 χ^2/NDF: 1452.8/32

- 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: 6.154+/-1.675 χ^2/NDF:276.2/16

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

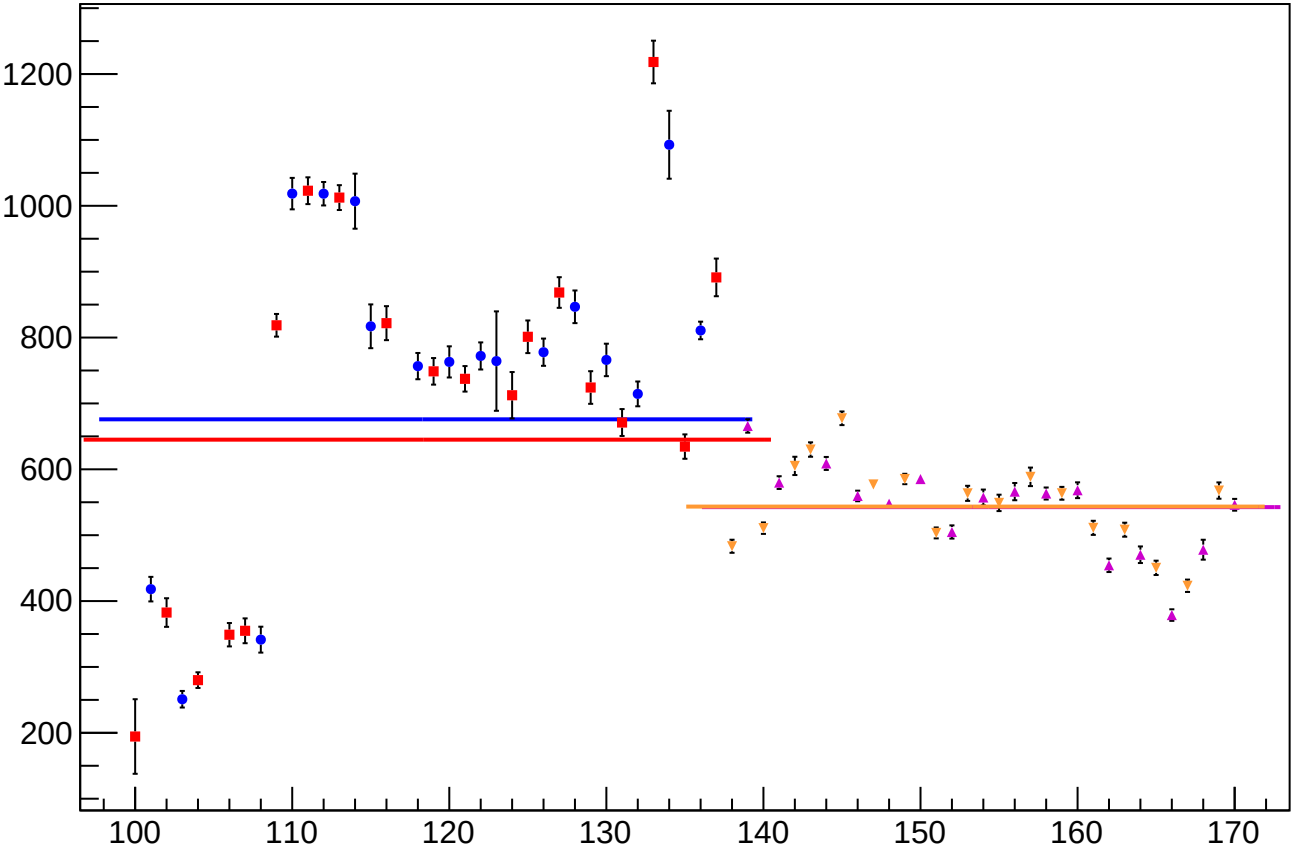
Left In: 6.725+/-1.726 χ^2/NDF:280.9/15

+ sign -0.209+/-1.435 χ^2/NDF: 694.3/33

All: 0.802+/-1.016 χ^2/NDF: 1372.4/68

- sign 1.822+/-1.440 χ^2/NDF: 677.0/34

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 543.423+/-2.438 χ^2/NDF:651.2/16

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

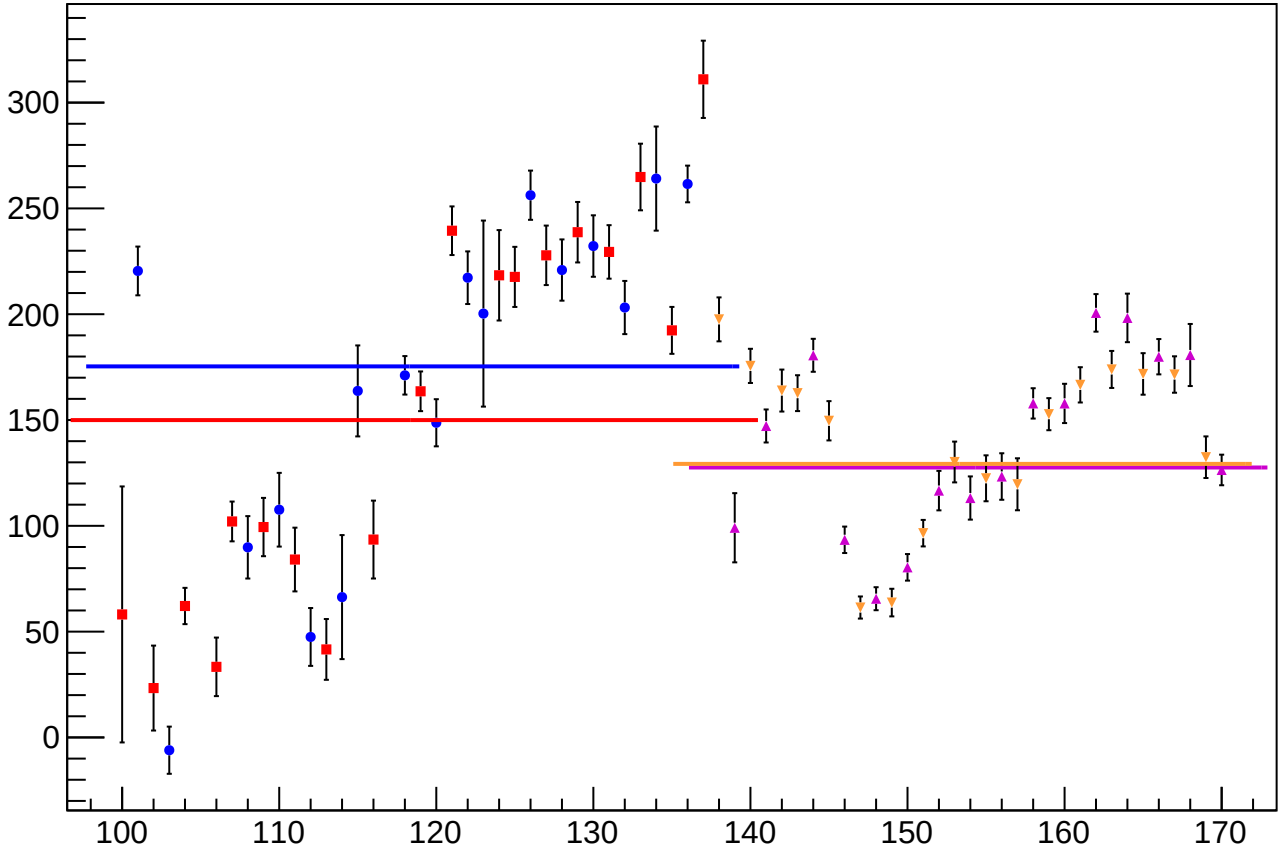
Left In: 542.601+/-2.433 χ^2/NDF:747.3/15

+ sign 568.559+/-2.194 χ^2/NDF: 3797.7/33

All: 566.152+/-1.542 χ^2/NDF: 8037.6/68

- sign 563.807+/-2.166 χ^2/NDF: 4237.5/34

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 129.267+/-1.997 χ^2/NDF:505.3/16

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

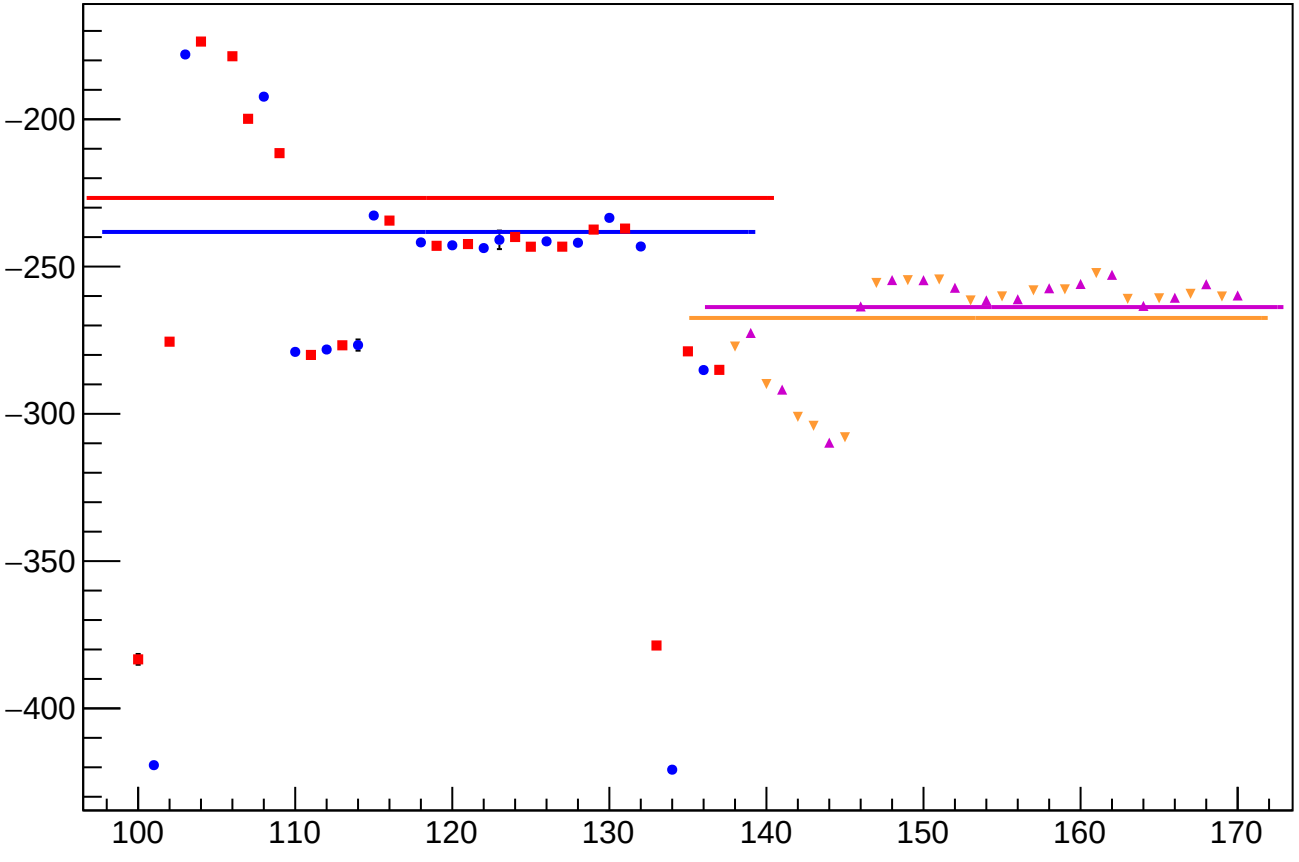
Left In: 127.558+/-2.039 χ^2/NDF:462.6/15

+ sign 142.160+/-1.694 χ^2/NDF: 1292.8/33

All: 138.329+/-1.198 χ^2/NDF: 2496.2/68

- sign 134.497+/-1.694 χ^2/NDF: 1193.1/34

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -267.446+/-0.098 χ^2/NDF:32626.9/16

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

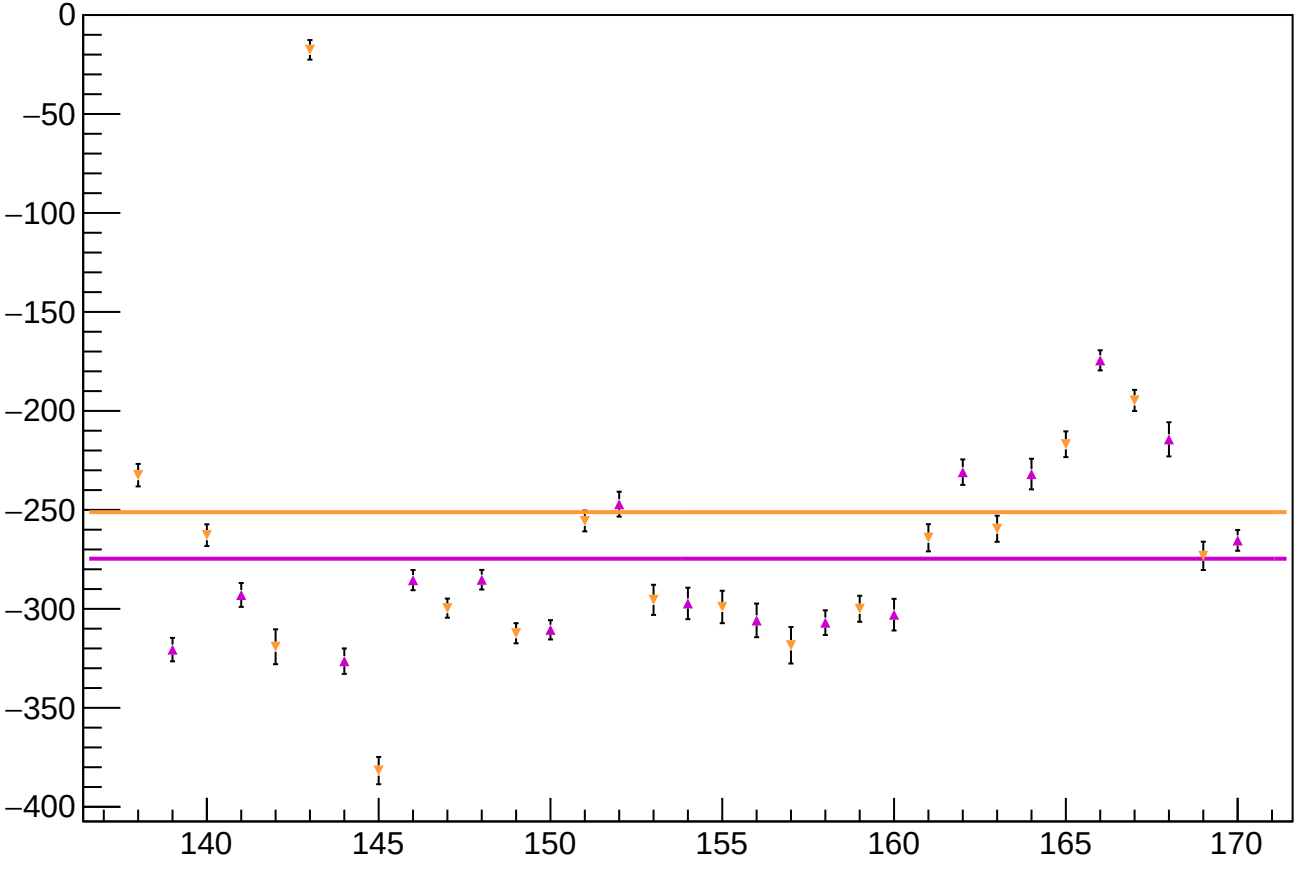
Left In: -263.755+/-0.097 χ^2/NDF:20933.2/15

+ sign -259.484+/-0.084 χ^2/NDF: 223996.9/33

All: -256.146+/-0.058 χ^2/NDF: 393490.6/68

- sign -252.963+/-0.082 χ^2/NDF: 166372.7/34

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -251.137+/-1.497 χ^2/NDF:3240.1/16

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

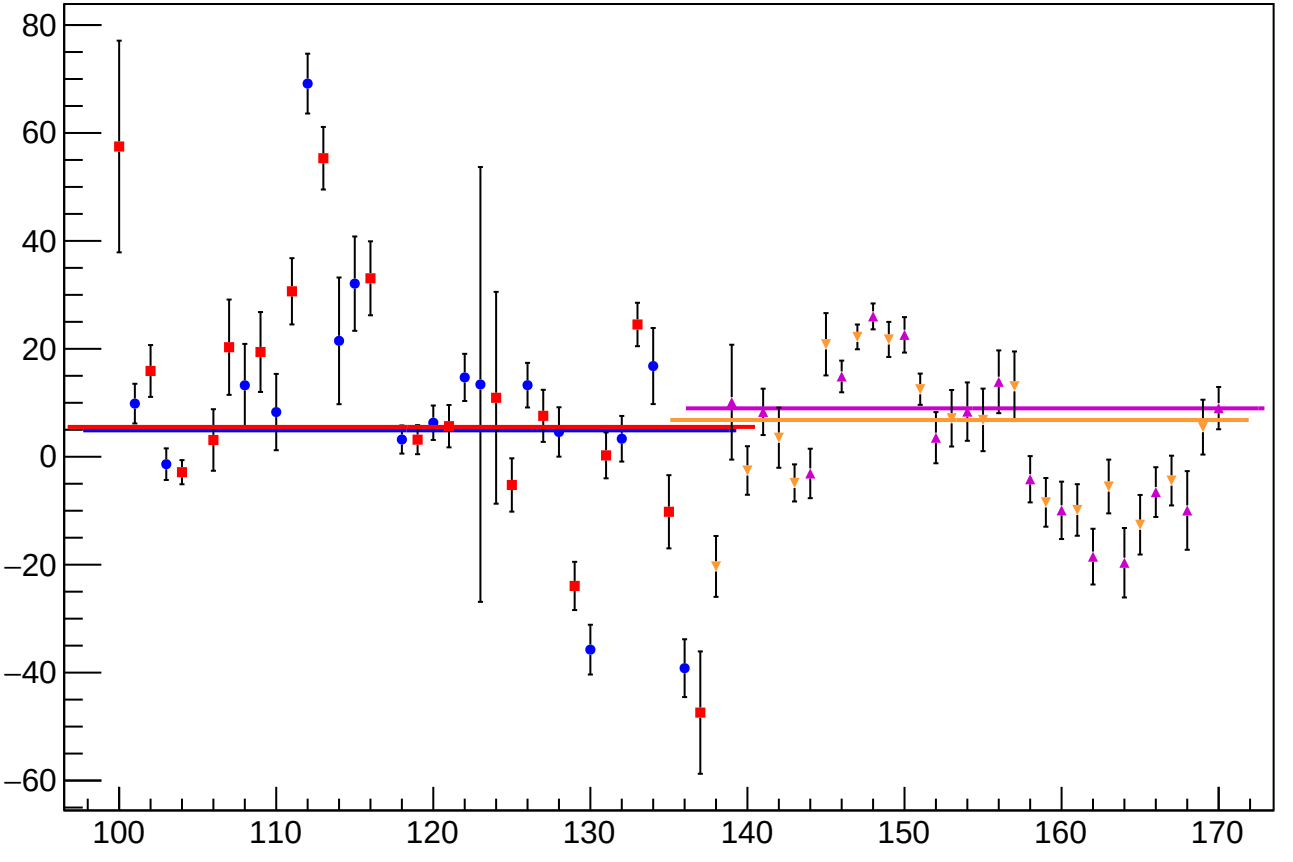
Left In: -274.655+/-1.530 χ^2/NDF:794.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -262.639+/-1.070 χ^2/NDF: 4155.2/32

- 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: 6.808+/-1.014 χ^2/NDF:164.2/16

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

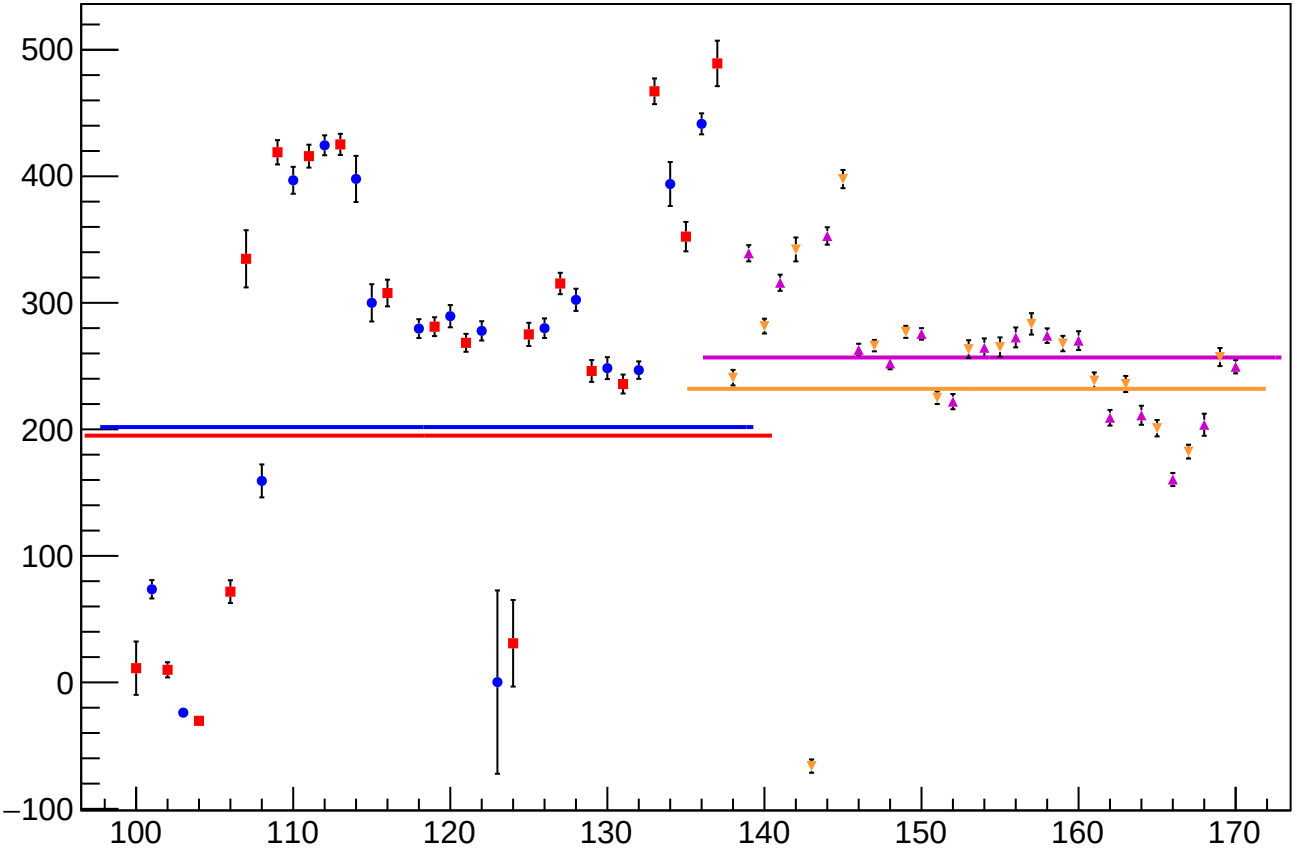
Left In: 8.971+/-1.064 χ^2/NDF:168.8/15

+ sign 5.921+/-0.742 χ^2/NDF: 477.8/33

All: 6.581+/-0.529 χ^2/NDF: 892.5/68

- sign 7.264+/-0.755 χ^2/NDF: 413.1/34

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 232.024+/-1.477 χ^2/NDF:4304.2/16

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

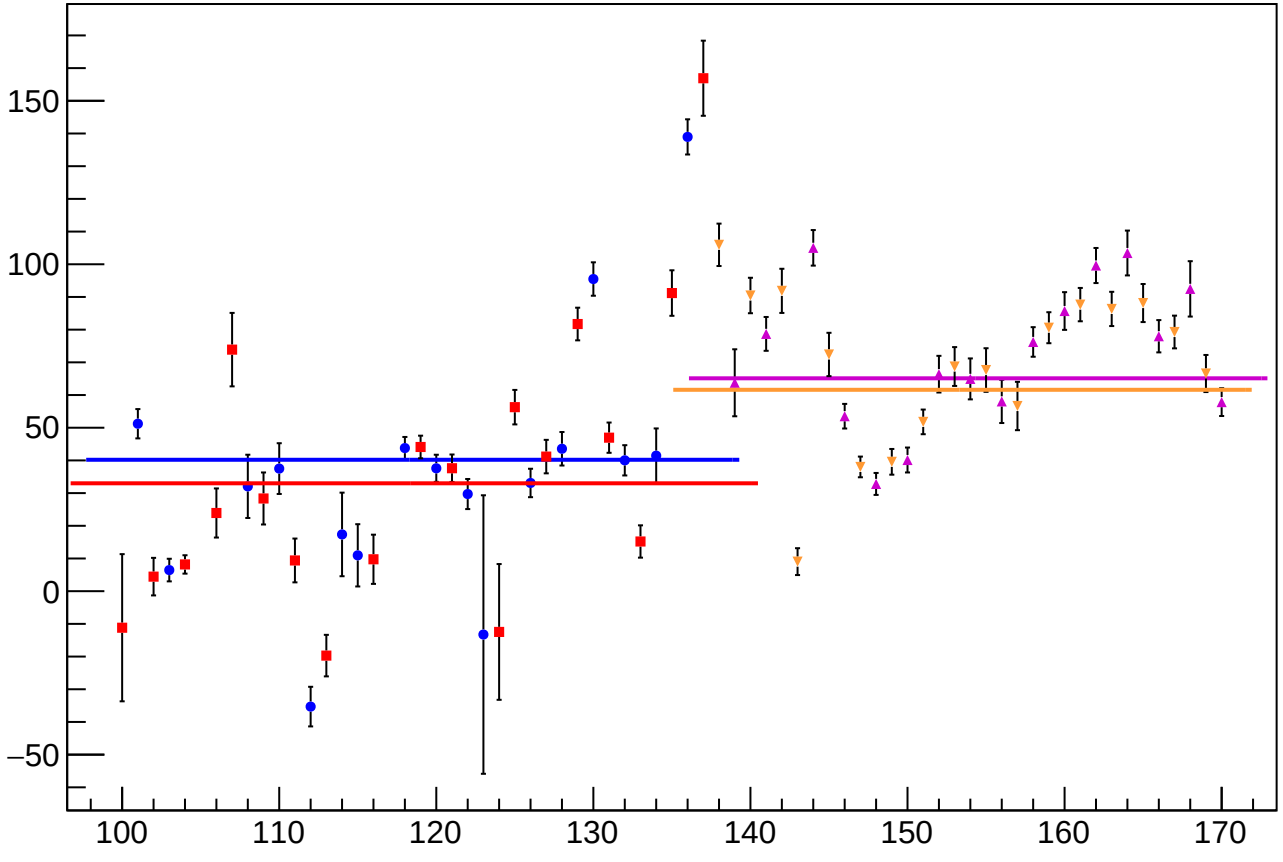
Left In: 256.804+/-1.496 χ^2/NDF:996.0/15

+ sign 221.150+/-1.182 χ^2/NDF: 11209.0/33

All: 227.355+/-0.835 χ^2/NDF: 21159.1/68

- sign 233.549+/-1.181 χ^2/NDF: 9895.0/34

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 61.600+/-1.208 χ^2/NDF:456.4/16

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

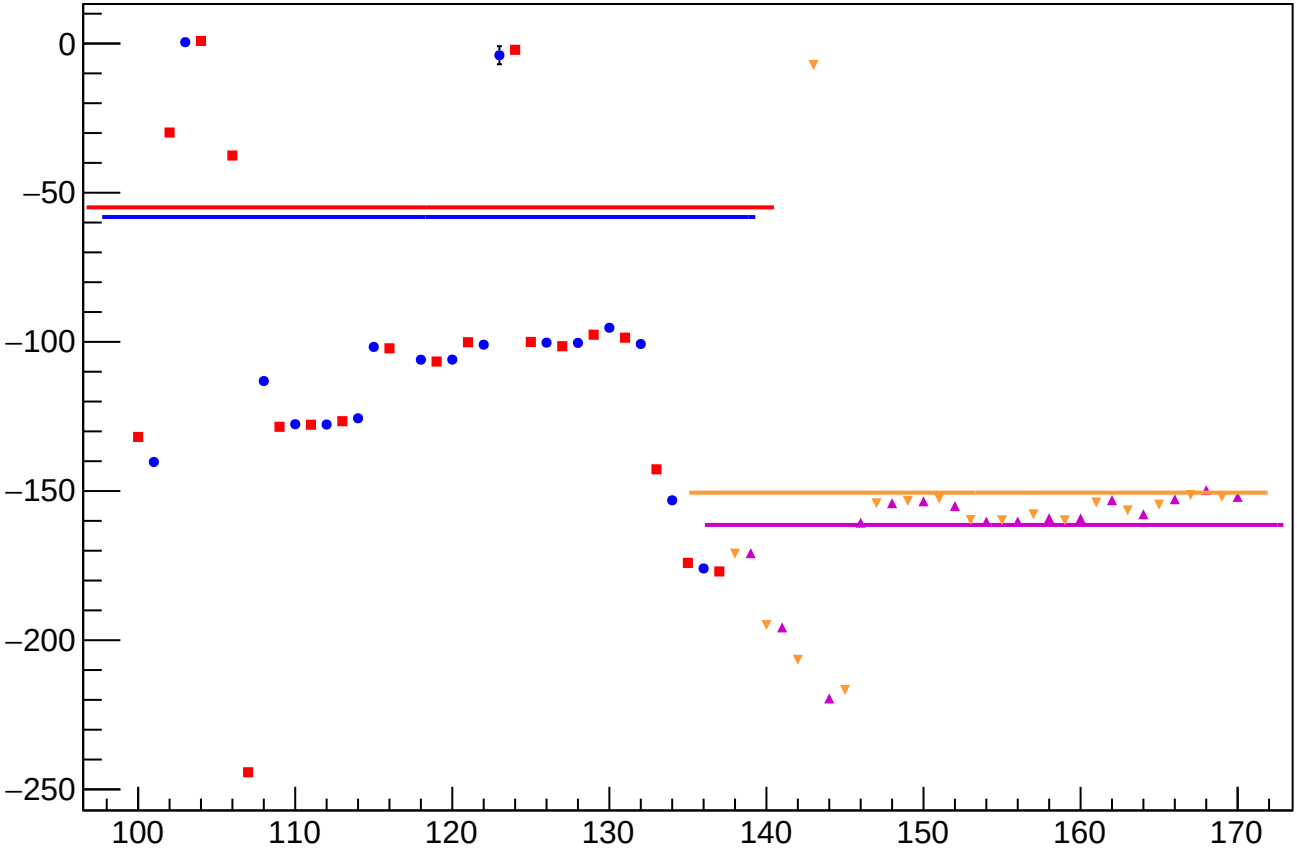
Left In: 65.115+/-1.256 χ^2/NDF:318.4/15

+ sign 51.414+/-0.874 χ^2/NDF: 1340.8/33

All: 50.230+/-0.623 χ^2/NDF: 2544.8/68

- sign 49.013+/-0.887 χ^2/NDF: 1200.3/34

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -150.539+/-0.059 χ^2/NDF:579889.0/16

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

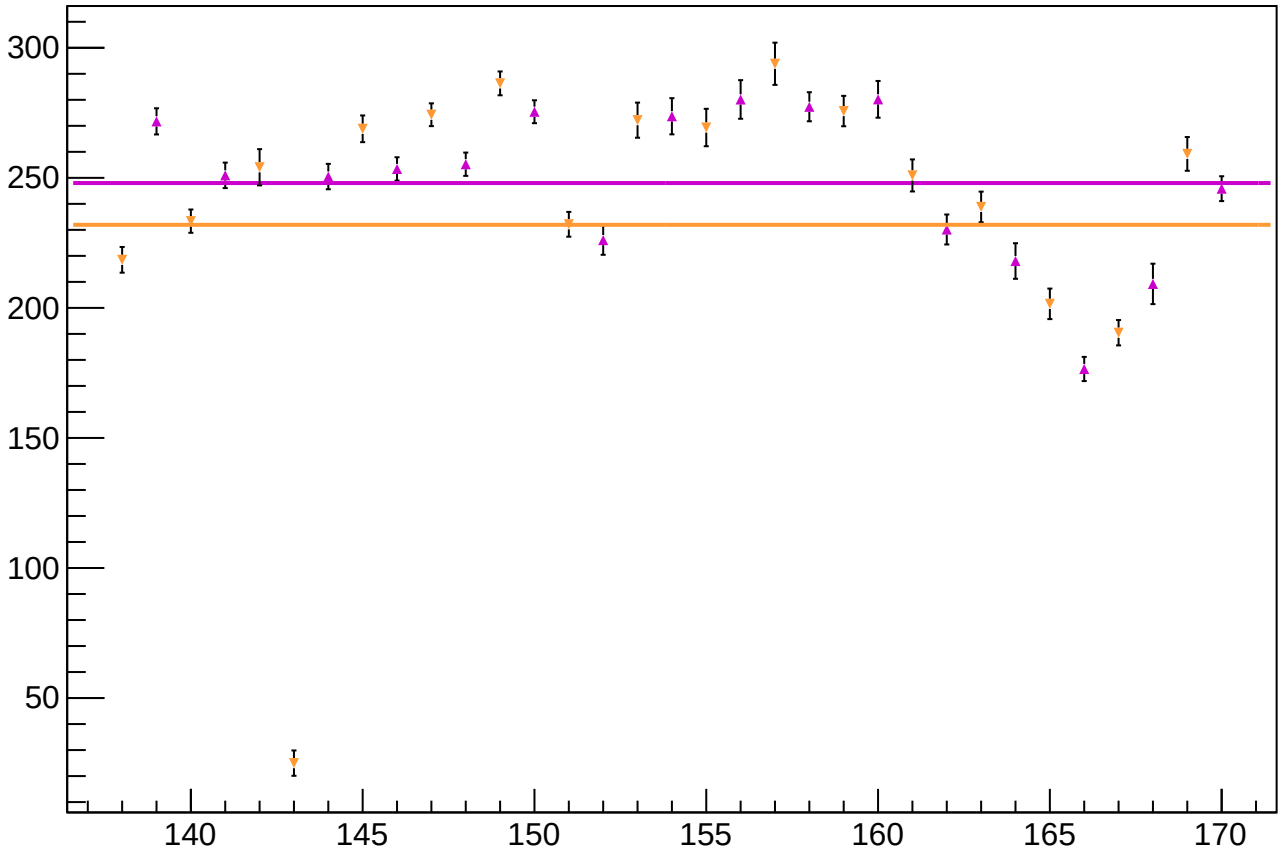
Left In: -161.362+/-0.060 χ^2/NDF:66625.6/15

+ sign -106.087+/-0.043 χ^2/NDF: 2853365.5/33

All: -107.435+/-0.030 χ^2/NDF: 5506361.4/68

- sign -108.760+/-0.042 χ^2/NDF: 2651020.7/34

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 231.942+/-1.323 χ^2/NDF:2413.9/16

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

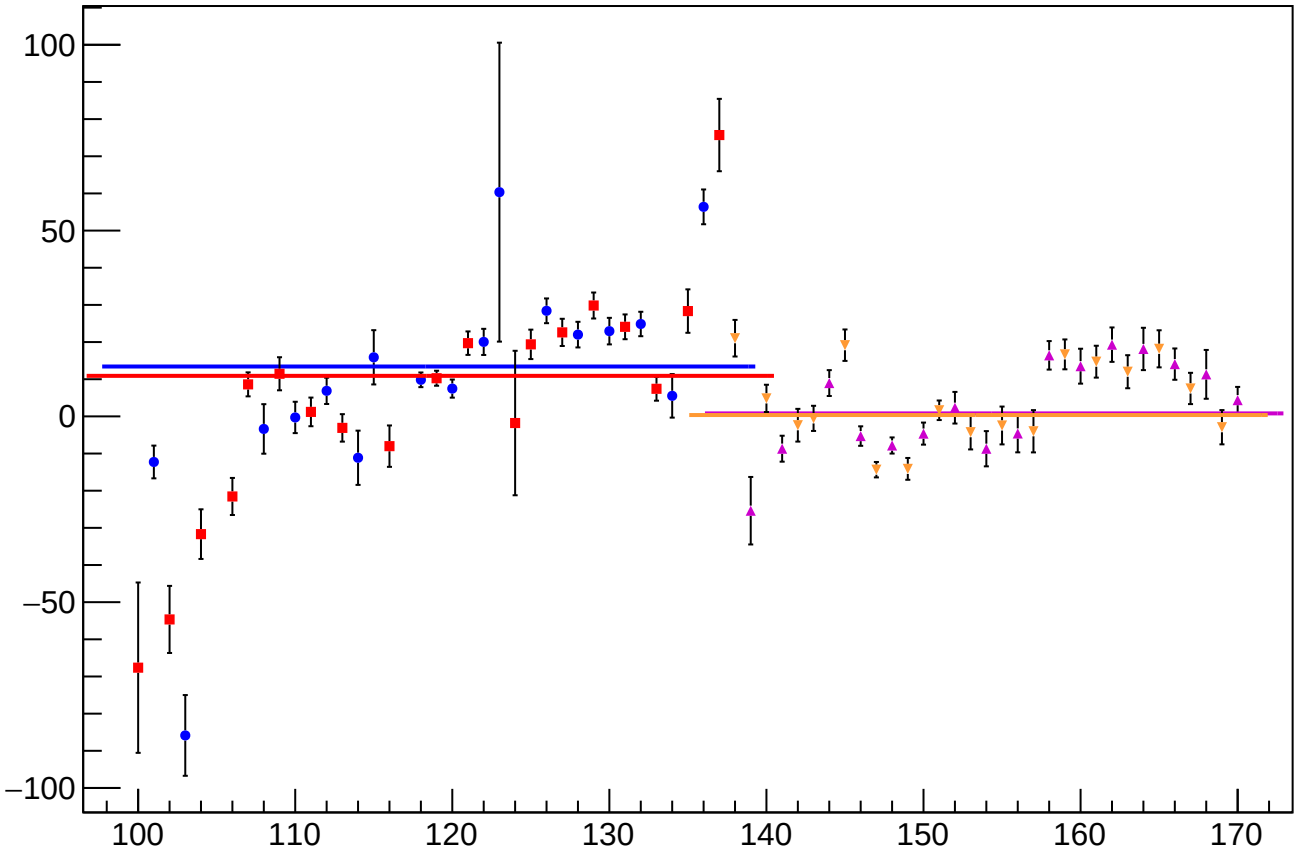
Left In: 248.004+/-1.343 χ^2/NDF:451.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 239.855+/-0.943 χ^2/NDF: 2938.1/32

- 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: 0.362+/-0.902 χ^2/NDF:166.7/16

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

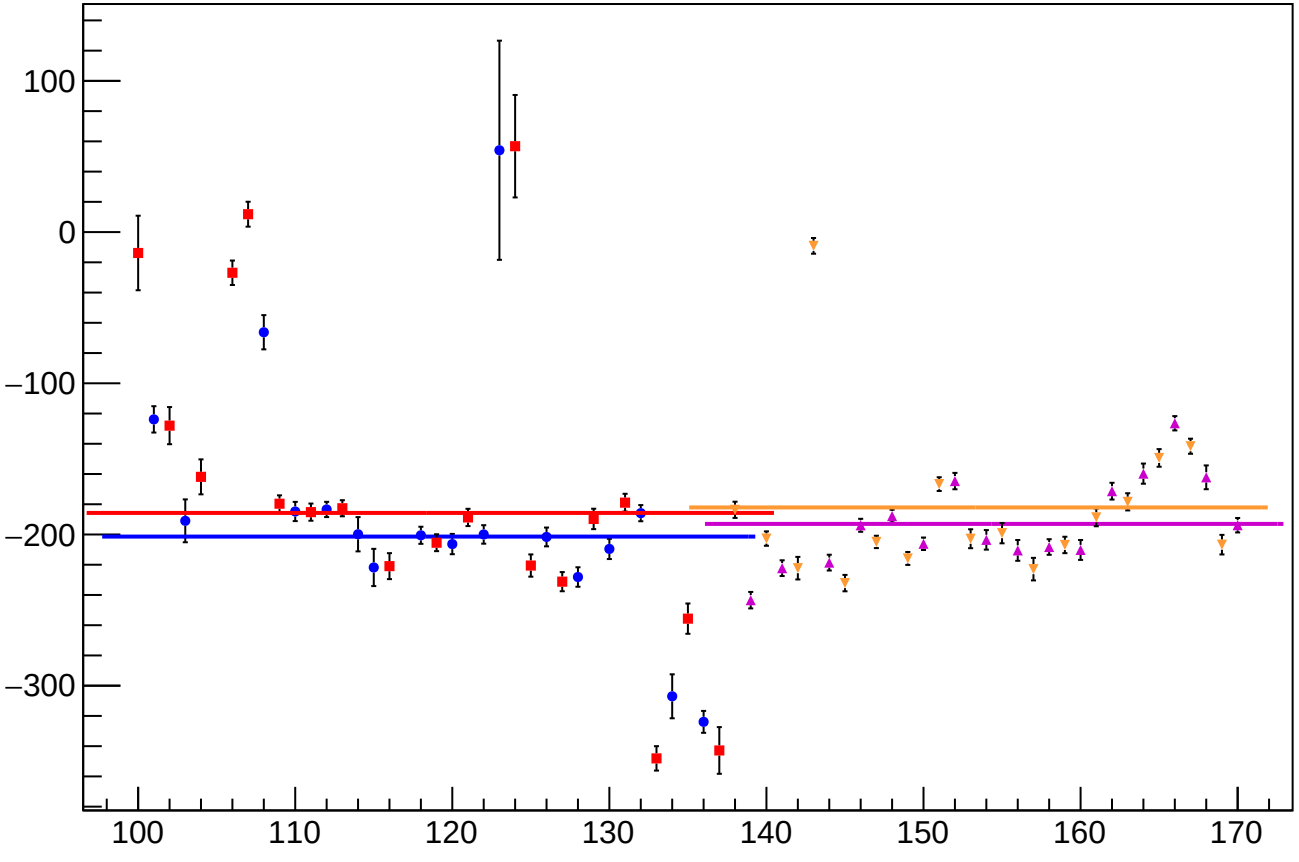
Left In: 0.803+/-0.939 χ^2/NDF:113.7/15

+ sign 6.767+/-0.644 χ^2/NDF: 564.7/33

All: 6.379+/-0.459 χ^2/NDF: 1041.1/68

- sign 5.978+/-0.656 χ^2/NDF: 475.7/34

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -182.105+/-1.309 χ^2/NDF:1526.3/16

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

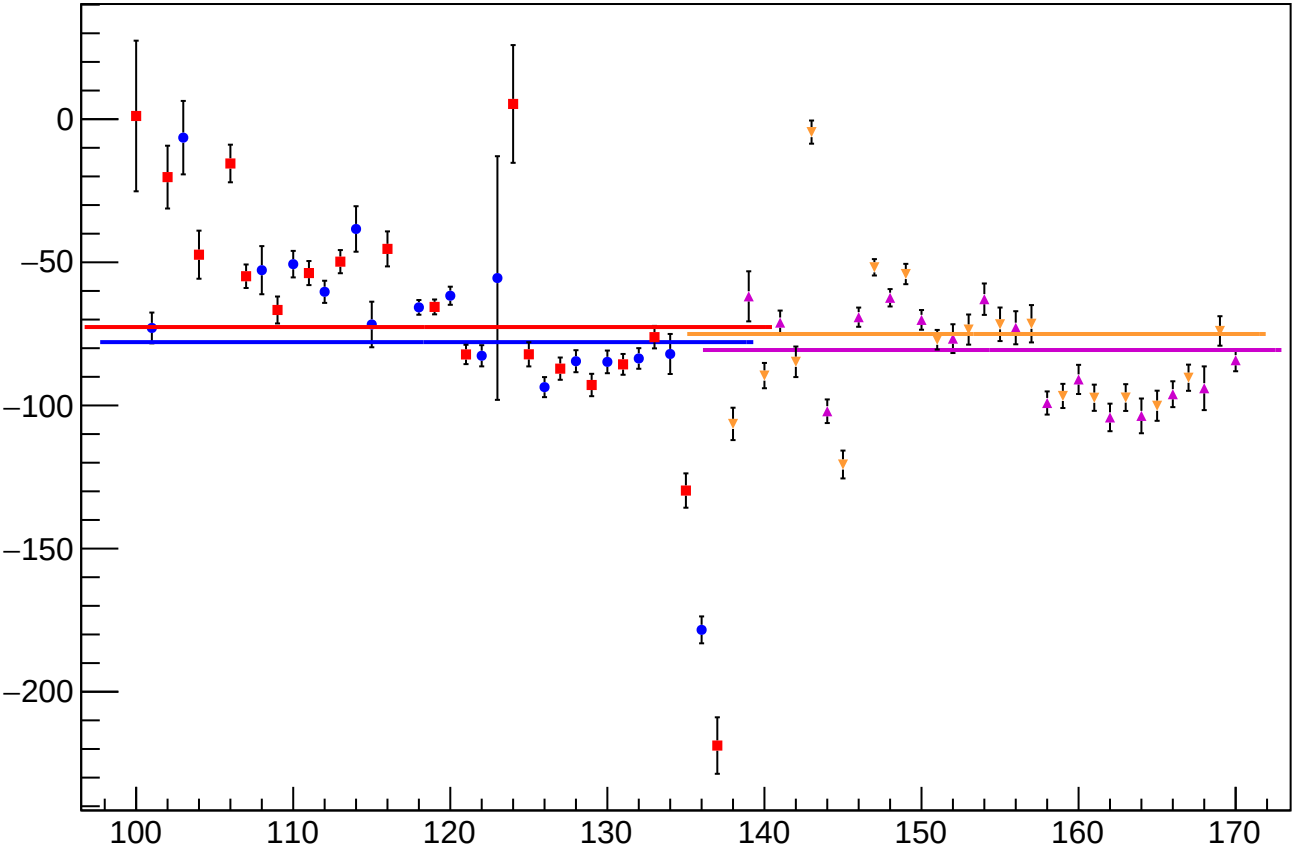
Left In: -192.998+/-1.317 χ^2/NDF:458.1/15

+ sign -188.875+/-1.055 χ^2/NDF: 2226.0/33

All: -189.584+/-0.741 χ^2/NDF: 4445.6/68

- sign -190.276+/-1.041 χ^2/NDF: 2218.8/34

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -75.037+/-1.074 χ^2/NDF:645.3/16

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

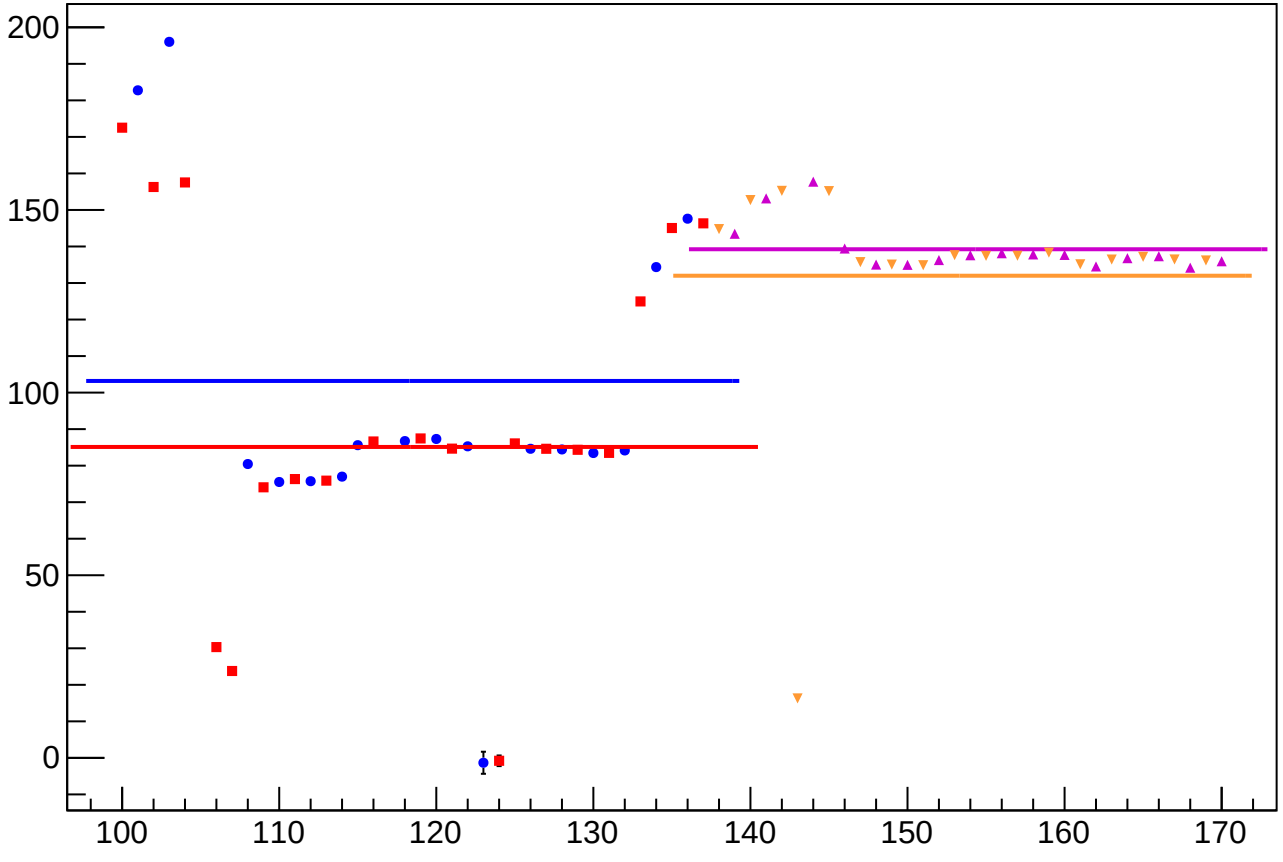
Left In: -80.632+/-1.107 χ^2/NDF:185.6/15

+ sign -76.468+/-0.756 χ^2/NDF: 1307.0/33

All: -76.446+/-0.537 χ^2/NDF: 2126.9/68

- sign -76.423+/-0.763 χ^2/NDF: 820.0/34

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 131.996+/-0.052 χ^2/NDF:346396.8/16

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

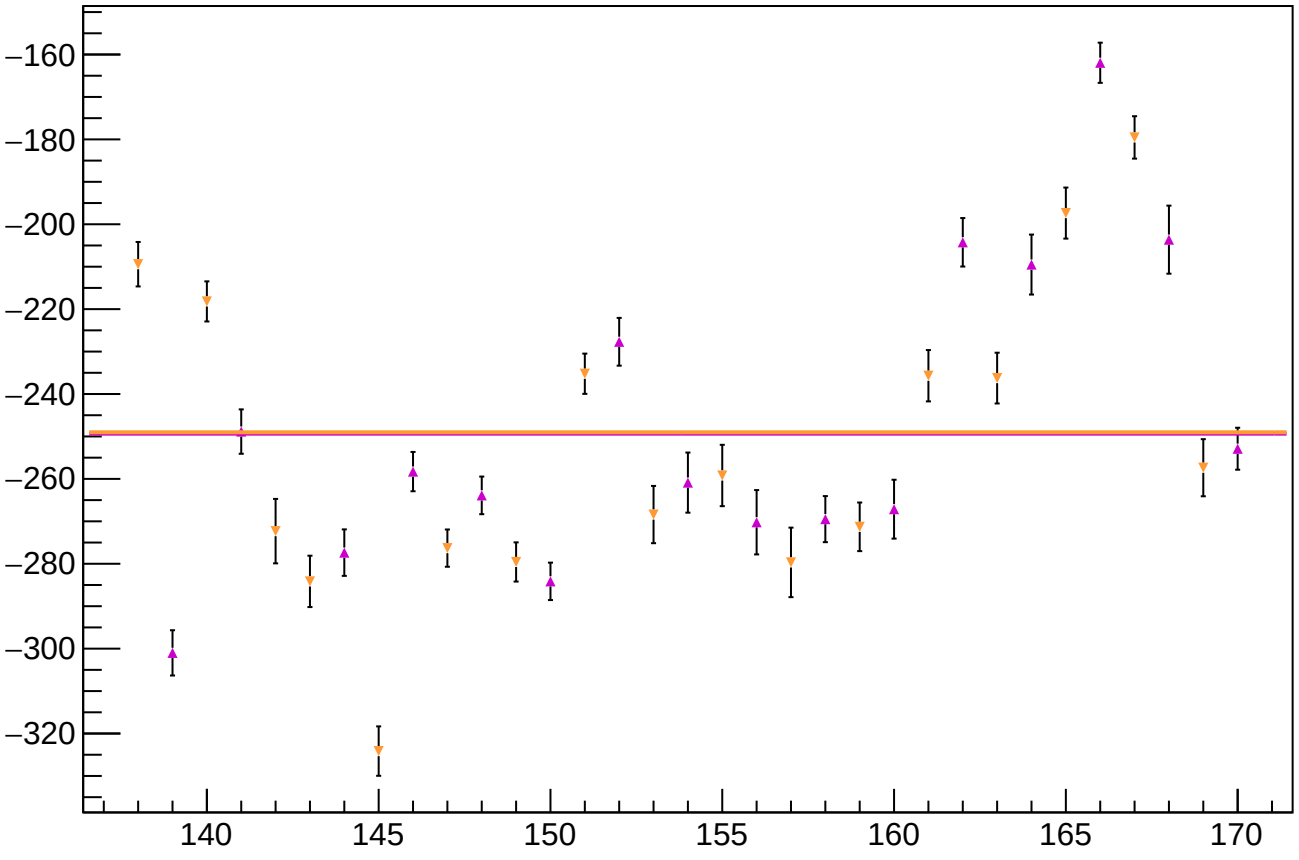
Left In: 139.243+/-0.052 χ^2/NDF:14188.6/15

+ sign 121.689+/-0.042 χ^2/NDF: 727721.5/33

All: 119.463+/-0.029 χ^2/NDF: 1601043.2/68

- sign 117.402+/-0.040 χ^2/NDF: 867931.6/34

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -249.017+/-1.373 χ^2/NDF:717.6/16

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

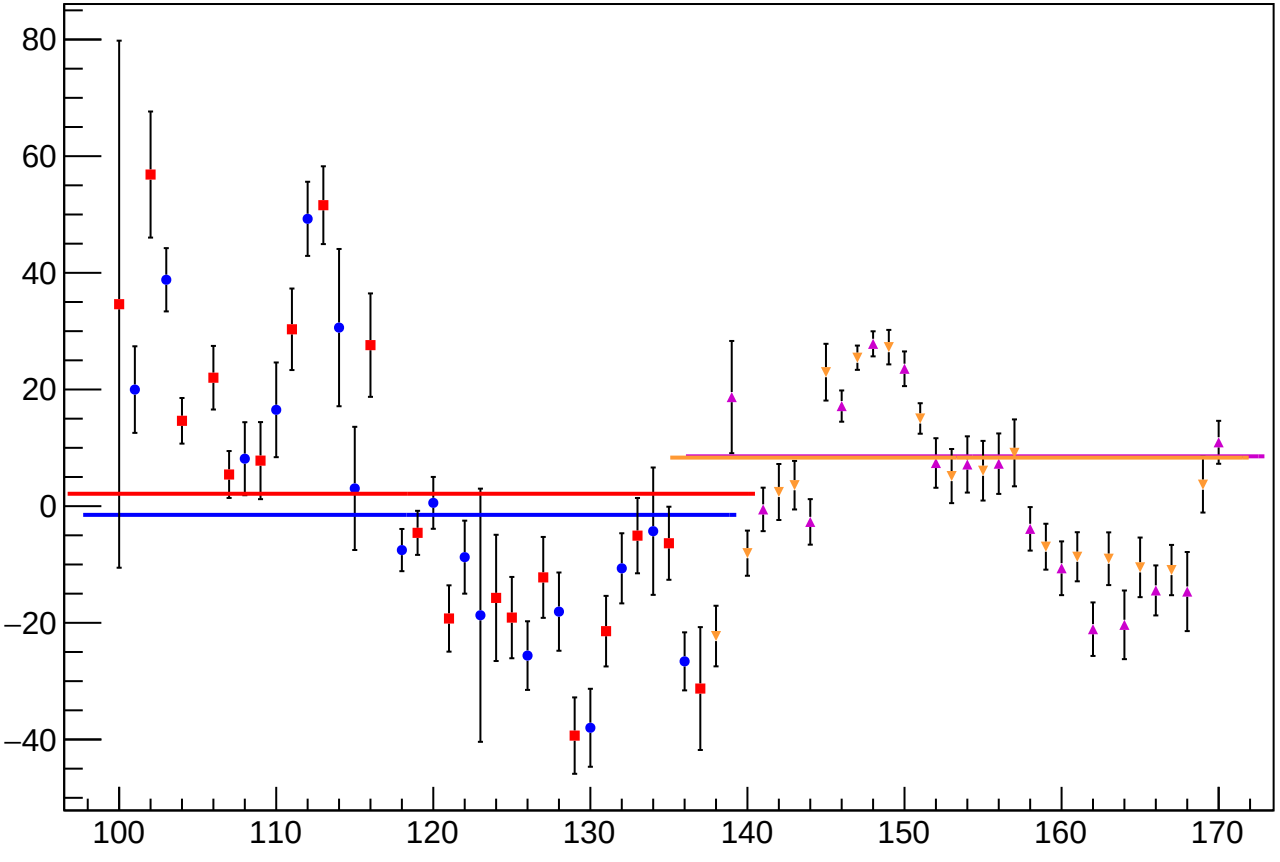
Left In: -249.339+/-1.375 χ^2/NDF:709.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -249.178+/-0.972 χ^2/NDF: 1427.6/32

- 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: 8.325+/-0.929 χ^2/NDF:261.0/16

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

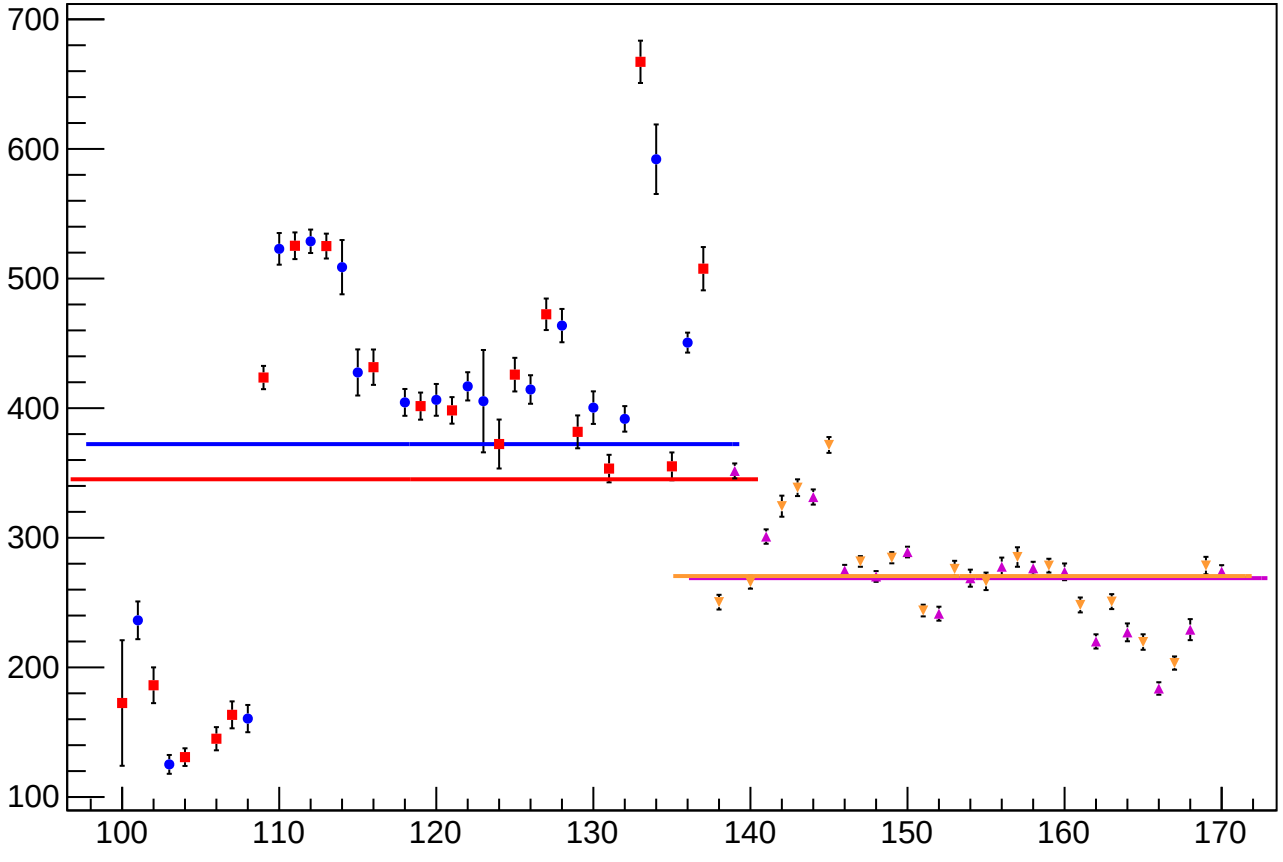
Left In: 8.543+/-0.954 χ^2/NDF:267.0/15

+ sign 5.640+/-0.791 χ^2/NDF: 517.7/33

All: 6.077+/-0.559 χ^2/NDF: 1032.3/68

- sign 6.512+/-0.789 χ^2/NDF: 513.9/34

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 270.467+/-1.351 χ^2/NDF:775.9/16

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

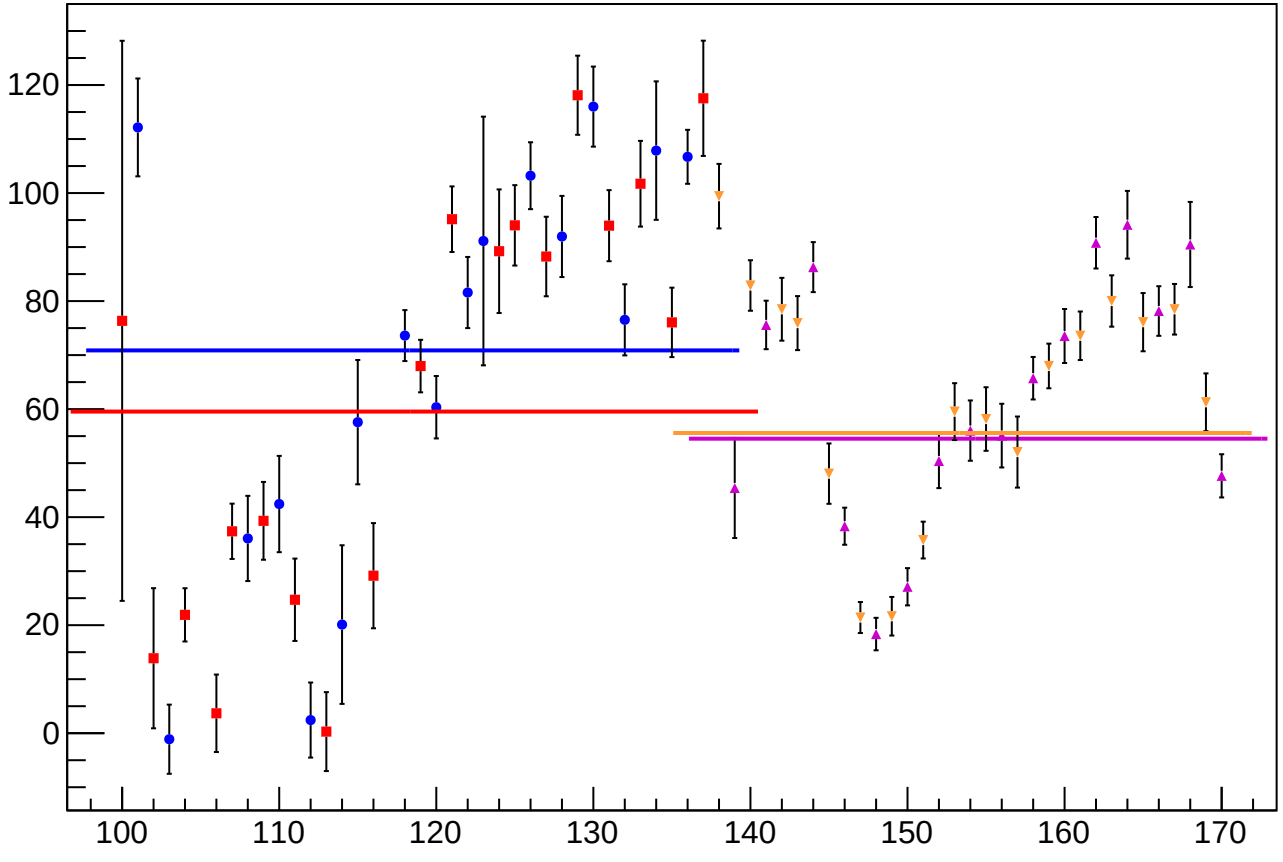
Left In: 268.863+/-1.344 χ^2/NDF:860.9/15

+ sign 290.160+/-1.214 χ^2/NDF: 4306.6/33

All: 287.688+/-0.850 χ^2/NDF: 9287.2/68

- sign 285.313+/-1.190 χ^2/NDF: 4972.4/34

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 55.579+/-1.107 χ^2/NDF:479.6/16

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

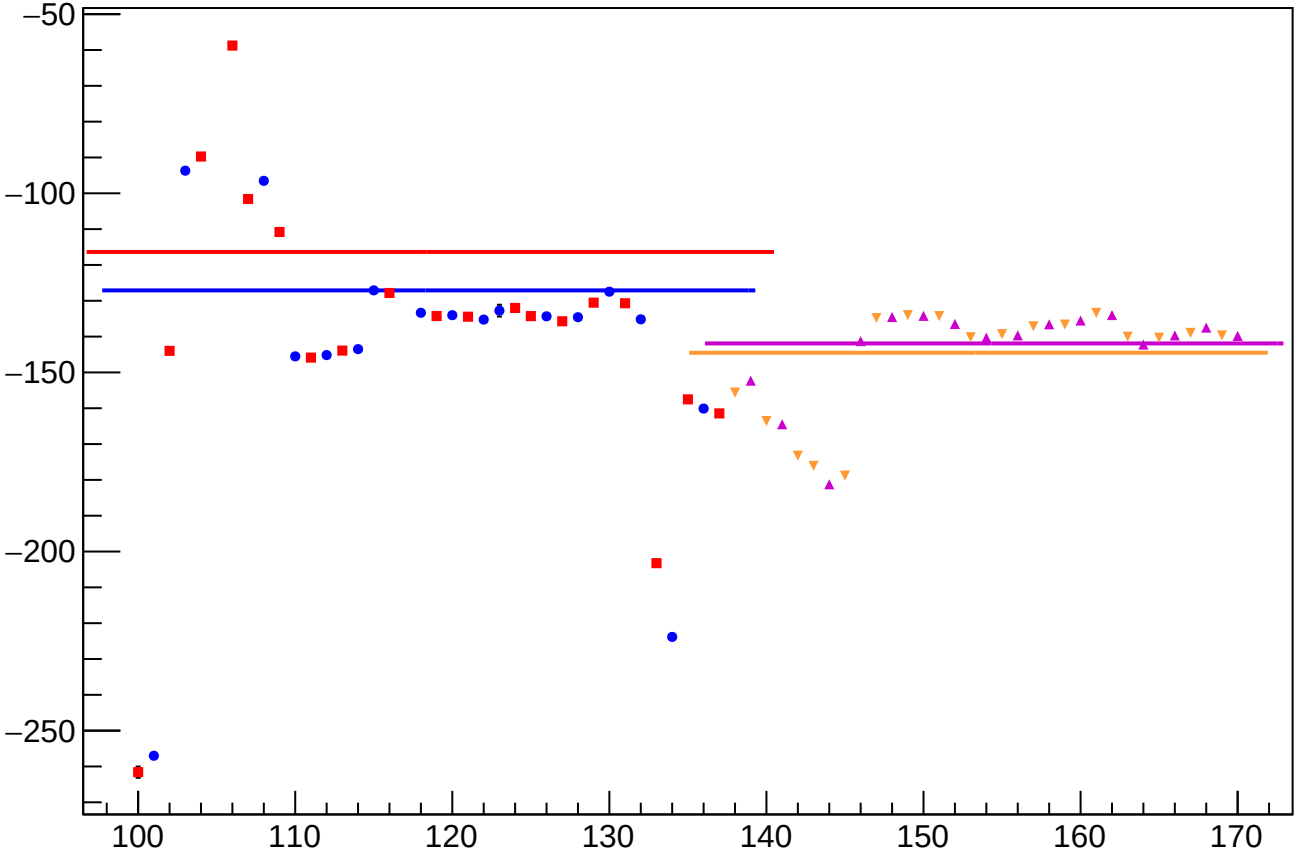
Left In: 54.525+/-1.126 χ^2/NDF:471.5/15

+ sign 59.971+/-0.934 χ^2/NDF: 961.4/33

All: 58.043+/-0.658 χ^2/NDF: 1938.7/68

- sign 56.144+/-0.927 χ^2/NDF: 968.8/34

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -144.508+/-0.054 χ^2/NDF:68899.5/16

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

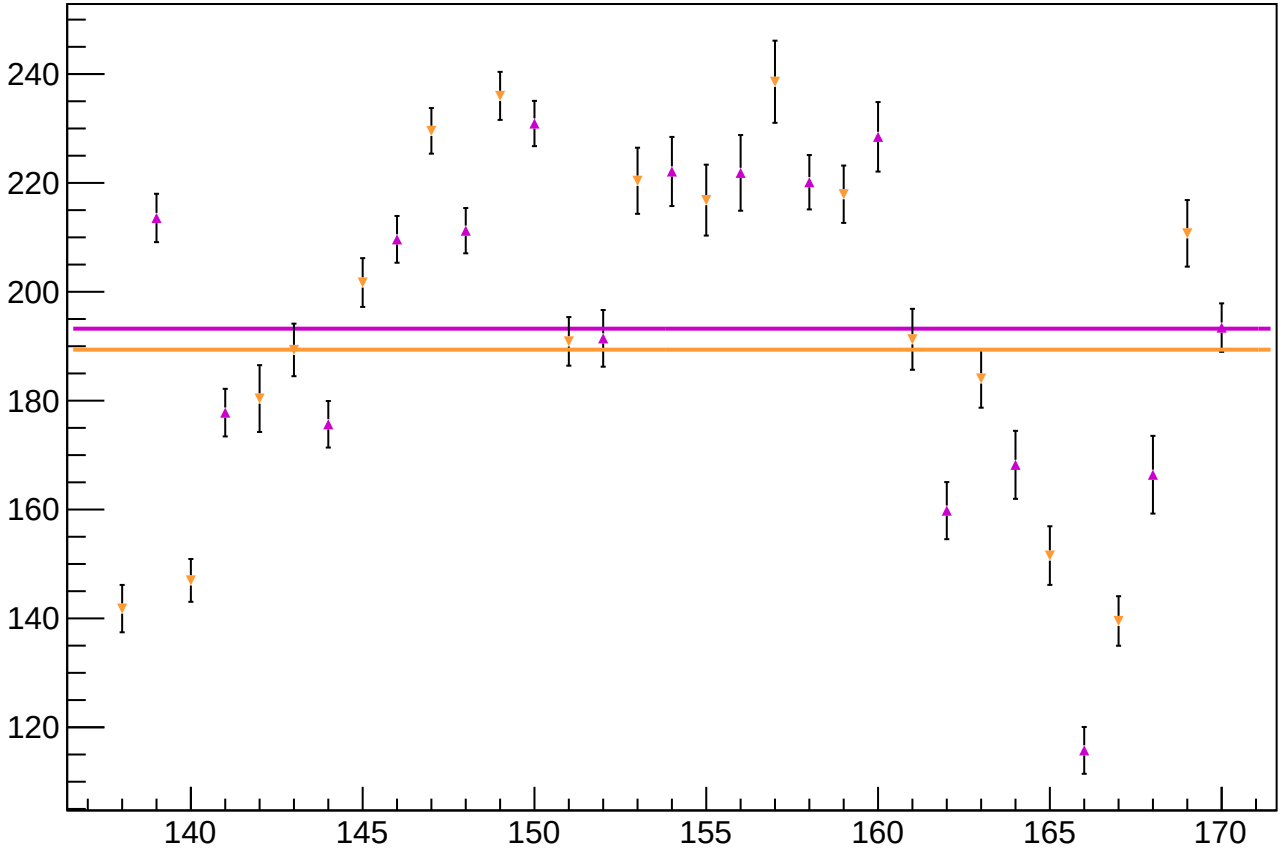
Left In: -141.910+/-0.053 χ^2/NDF:43993.5/15

+ sign -139.832+/-0.046 χ^2/NDF: 263657.1/33

All: -137.039+/-0.032 χ^2/NDF: 549320.8/68

- sign -134.417+/-0.045 χ^2/NDF: 278625.7/34

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 189.370+/-1.216 χ^2/NDF:747.7/16

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

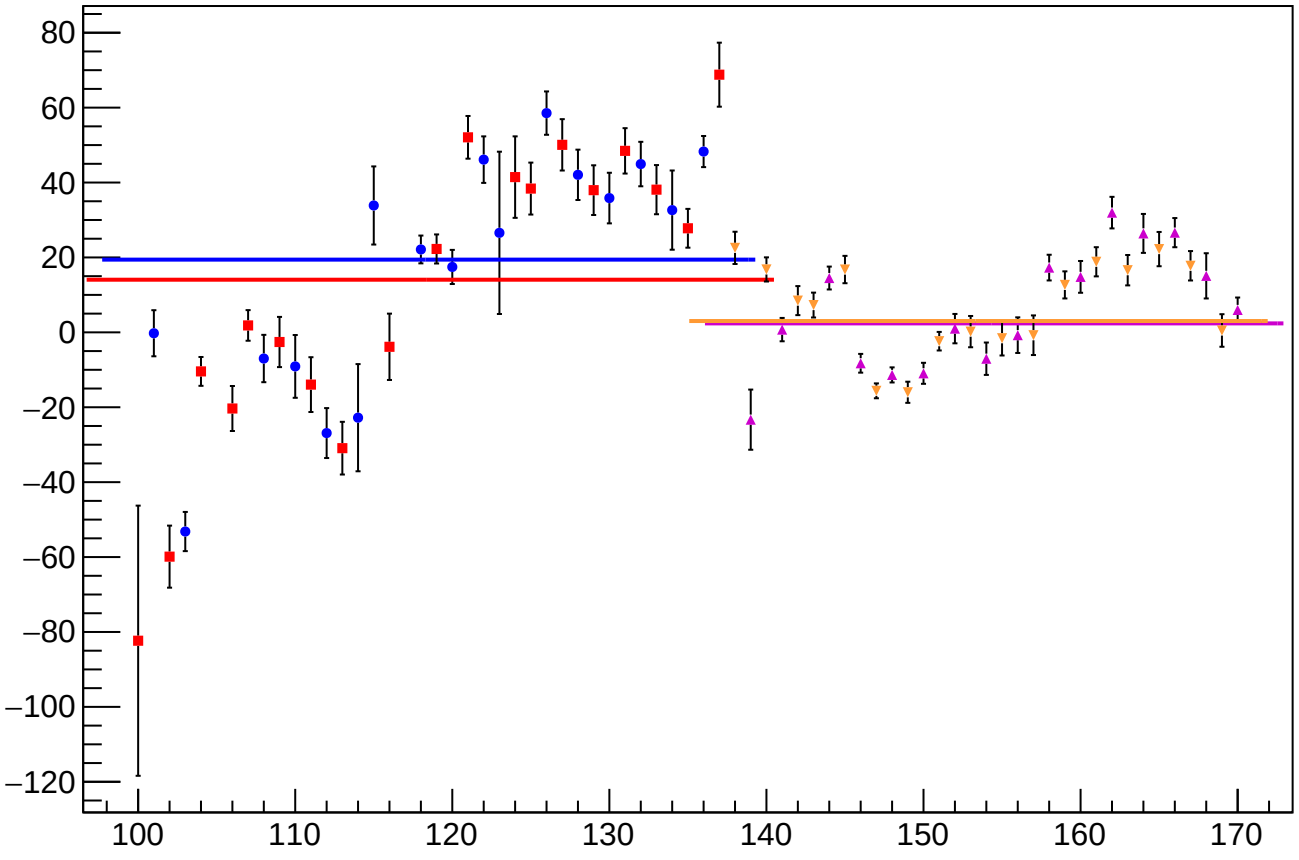
Left In: 193.225+/-1.230 χ^2/NDF:658.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 191.275+/-0.865 χ^2/NDF: 1410.7/32

- 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: 3.021+/-0.835 χ^2/NDF:263.7/16

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

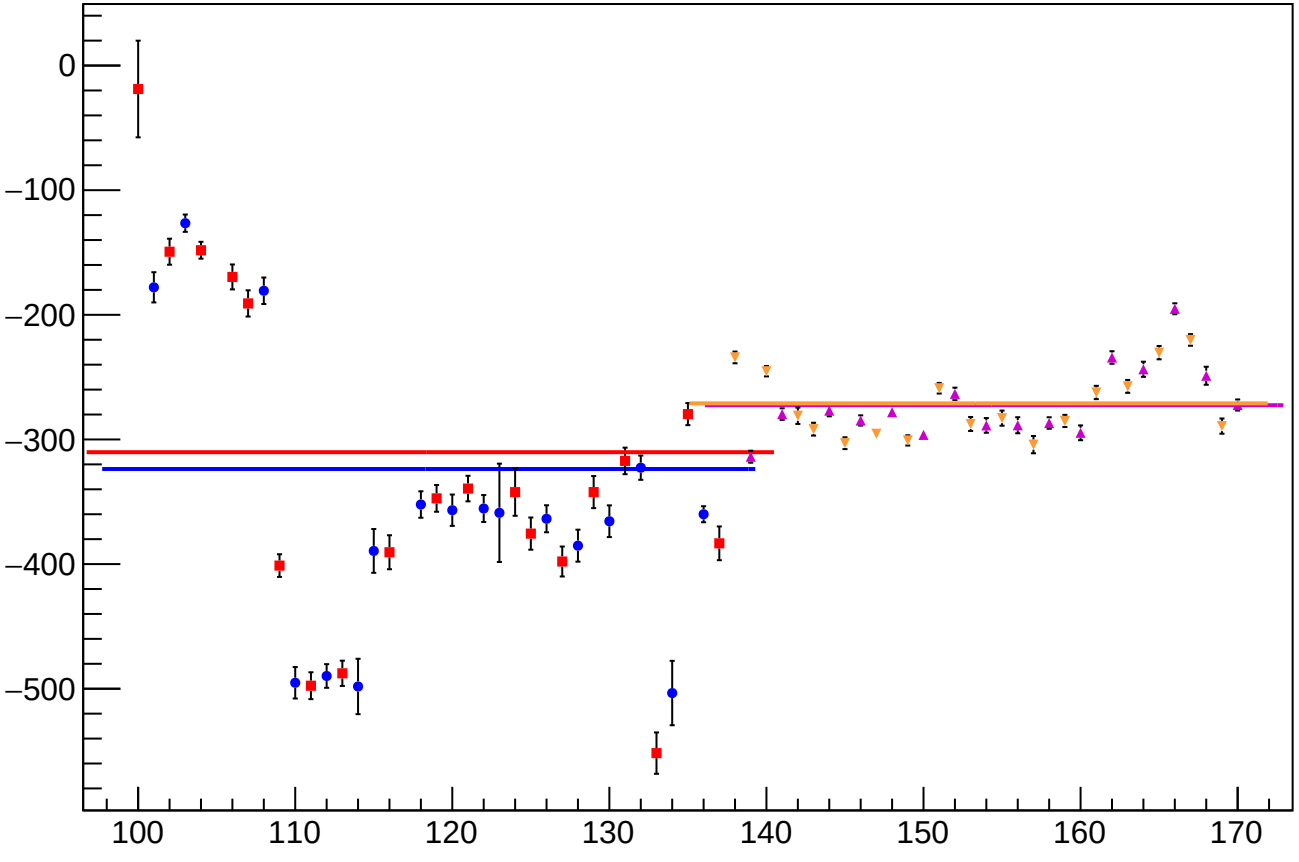
Left In: 2.392+/-0.864 χ^2/NDF:261.1/15

+ sign 6.983+/-0.727 χ^2/NDF: 797.9/33

All: 6.316+/-0.517 χ^2/NDF: 1547.9/68

- sign 5.636+/-0.734 χ^2/NDF: 748.3/34

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -271.038+/-1.206 χ^2/NDF:500.9/16

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

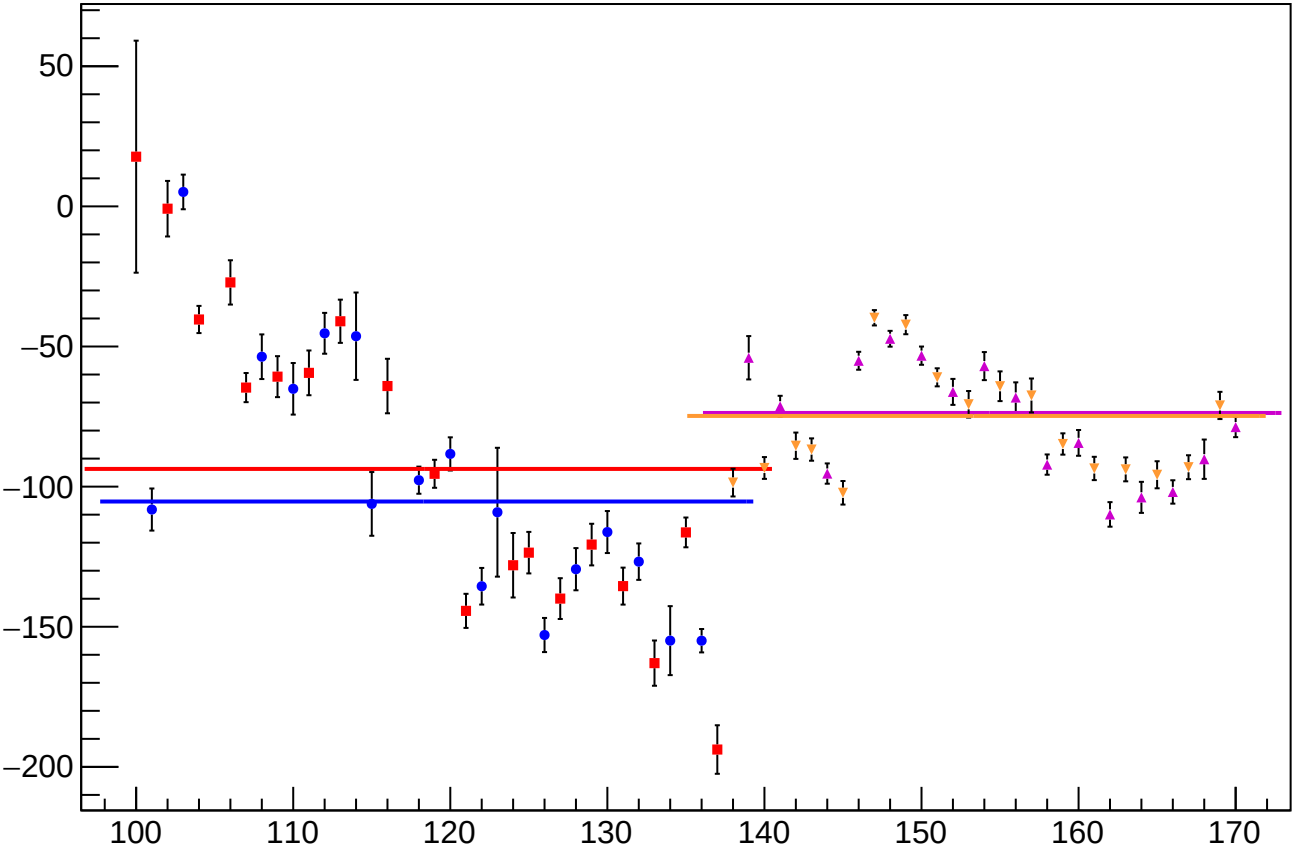
Left In: -272.534+/-1.208 χ^2/NDF:568.8/15

+ sign -279.971+/-1.099 χ^2/NDF: 2675.5/33

All: -279.767+/-0.774 χ^2/NDF: 5725.8/68

- sign -279.567+/-1.090 χ^2/NDF: 3050.3/34

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -74.774+/-0.992 χ^2/NDF:466.8/16

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

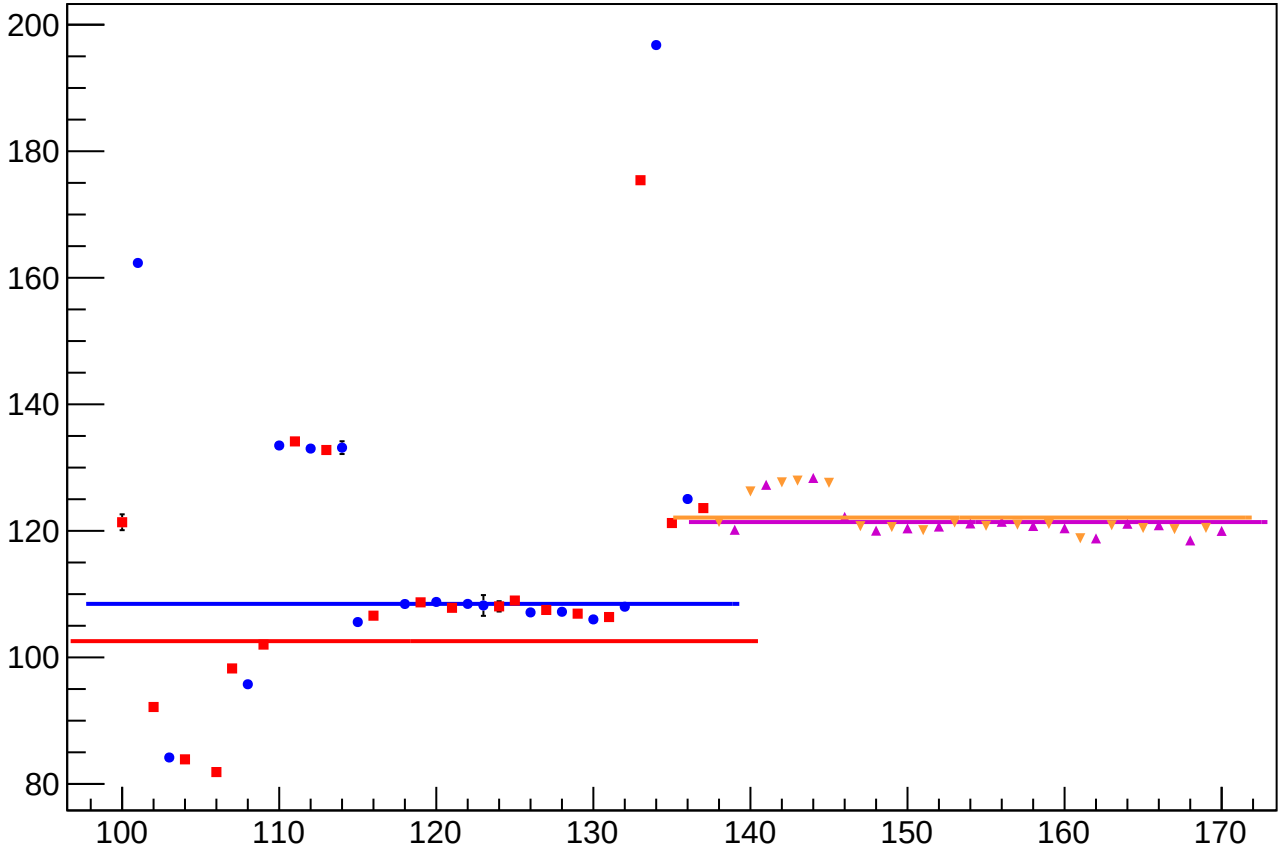
Left In: -73.712+/-1.018 χ^2/NDF:401.0/15

+ sign -82.574+/-0.856 χ^2/NDF: 1446.4/33

All: -80.998+/-0.607 χ^2/NDF: 2790.6/68

- sign -79.405+/-0.861 χ^2/NDF: 1337.3/34

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 122.103+/-0.048 χ^2/NDF:3491.3/16

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

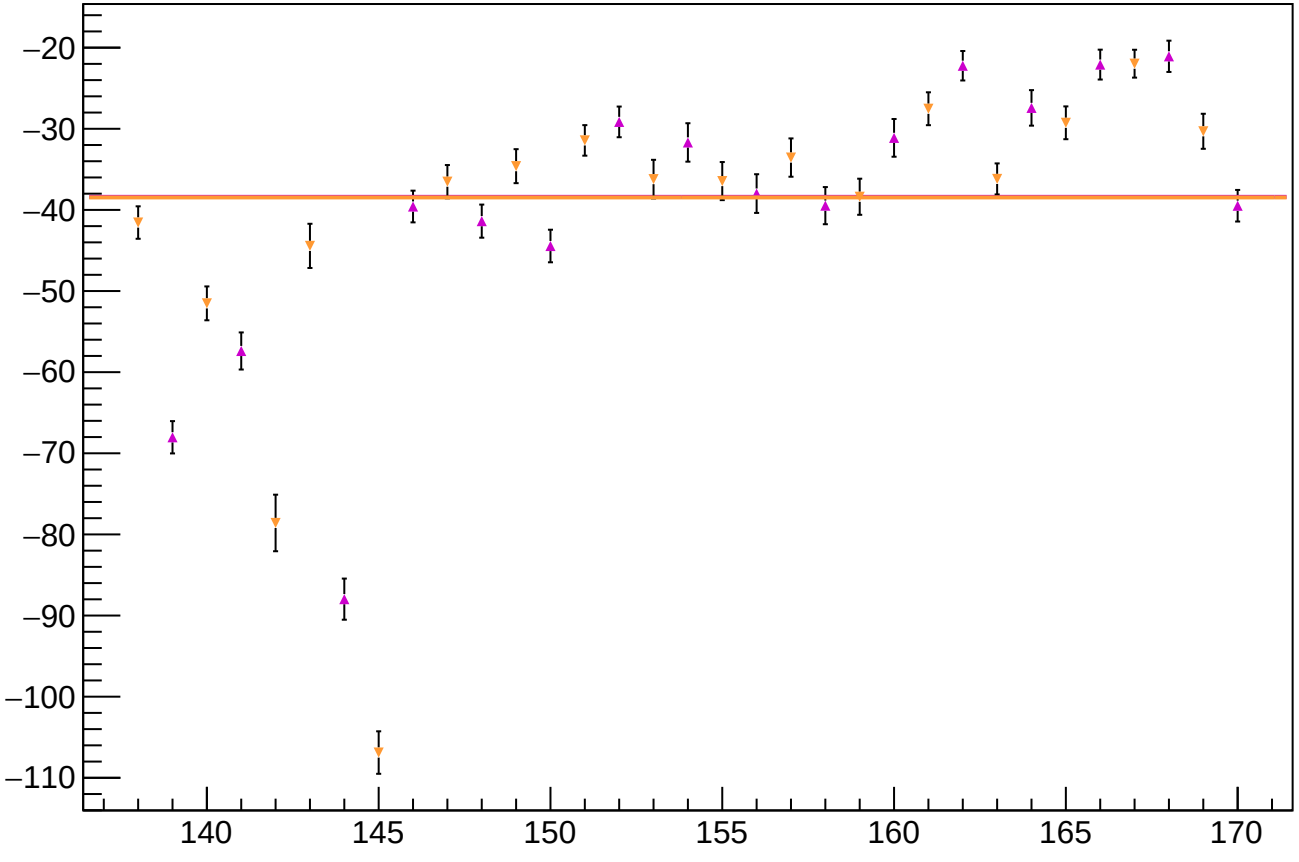
Left In: 121.390+/-0.048 χ^2/NDF:2779.1/15

+ sign 118.760+/-0.042 χ^2/NDF: 96370.4/33

All: 117.534+/-0.029 χ^2/NDF: 195062.1/68

- sign 116.356+/-0.041 χ^2/NDF: 97015.5/34

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -38.460+/-0.524 χ^2/NDF:1043.2/16

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

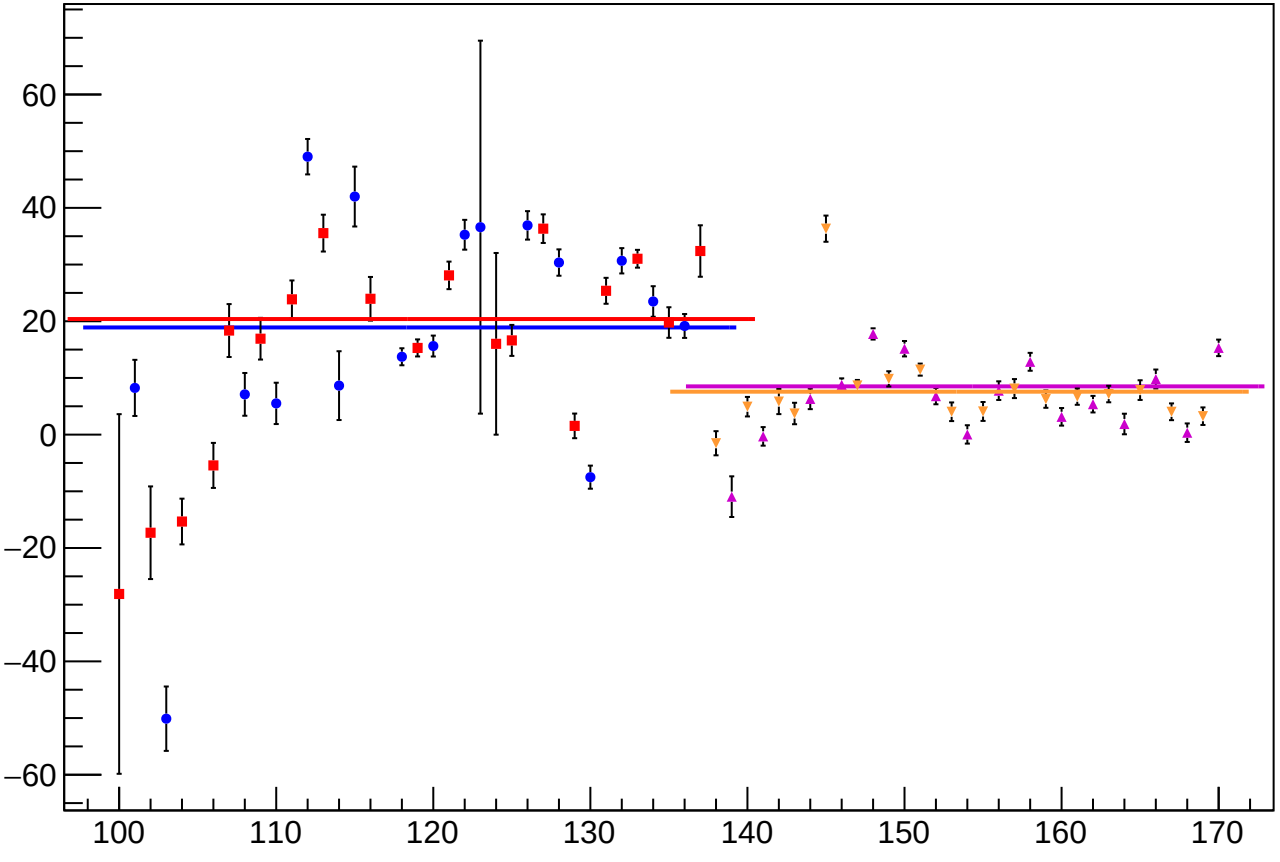
Left In: -38.391+/-0.520 χ^2/NDF:990.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -38.425+/-0.369 χ^2/NDF: 2033.7/32

- 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: 7.576+/-0.368 χ^2/NDF:221.6/16

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

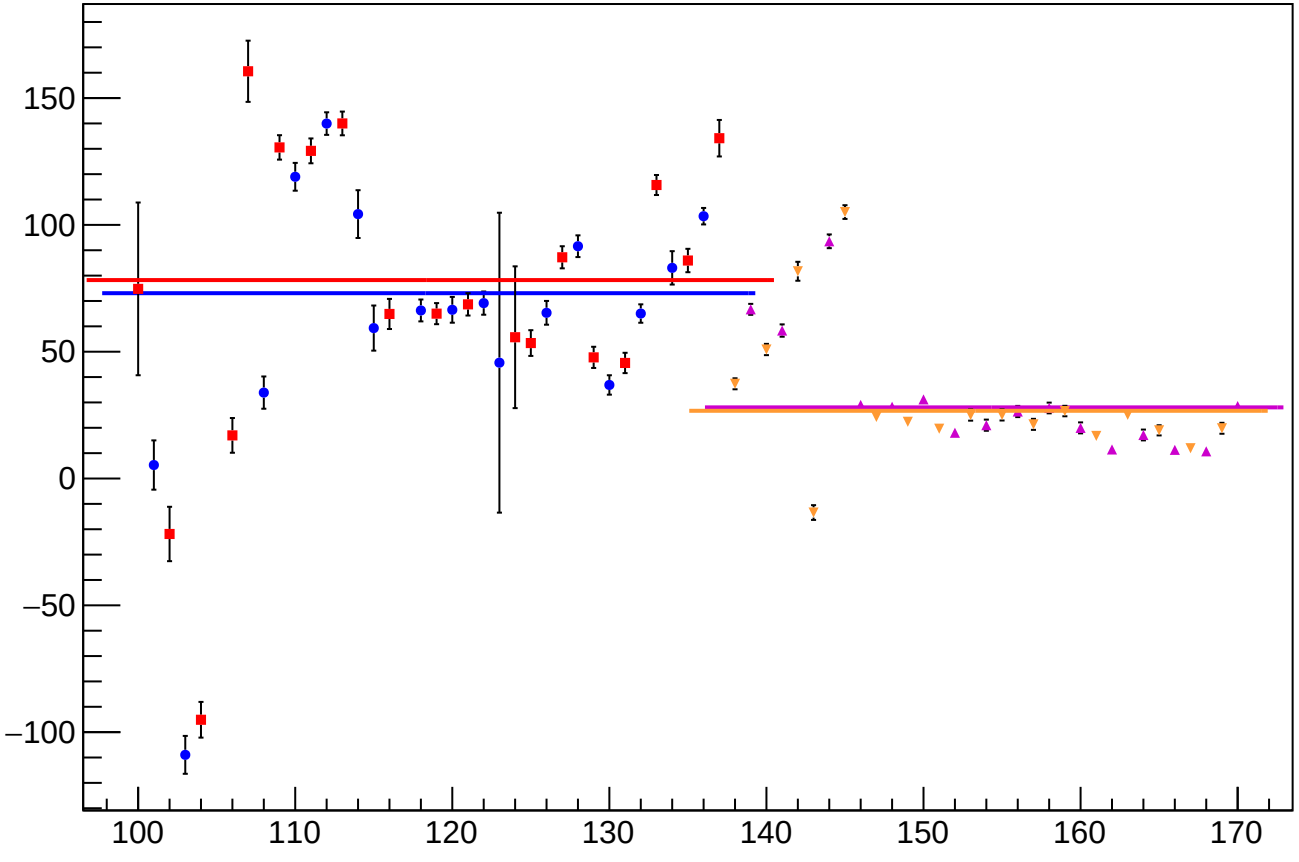
Left In: 8.511+/-0.375 χ^2/NDF:284.5/15

+ sign 10.366+/-0.319 χ^2/NDF: 1074.2/33

All: 10.935+/-0.227 χ^2/NDF: 1984.6/68

- sign 11.521+/-0.324 χ^2/NDF: 904.0/34

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 26.704+/-0.514 χ^2/NDF:1541.1/16

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

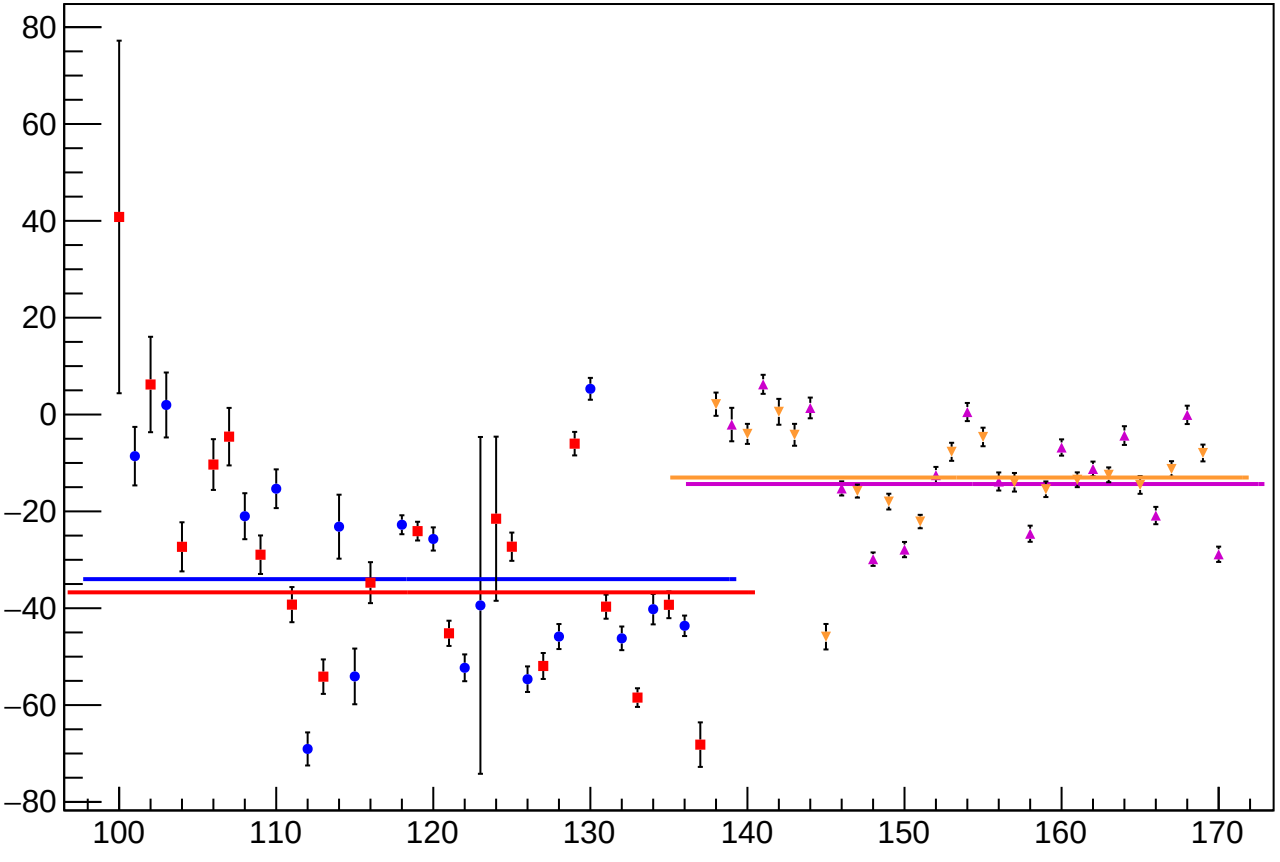
Left In: 28.049+/-0.508 χ^2/NDF:1393.5/15

+ sign 33.613+/-0.474 χ^2/NDF: 3954.7/33

All: 34.537+/-0.333 χ^2/NDF: 8335.6/68

- sign 35.442+/-0.469 χ^2/NDF: 4373.4/34

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -13.007+/-0.429 χ^2/NDF:353.0/16

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

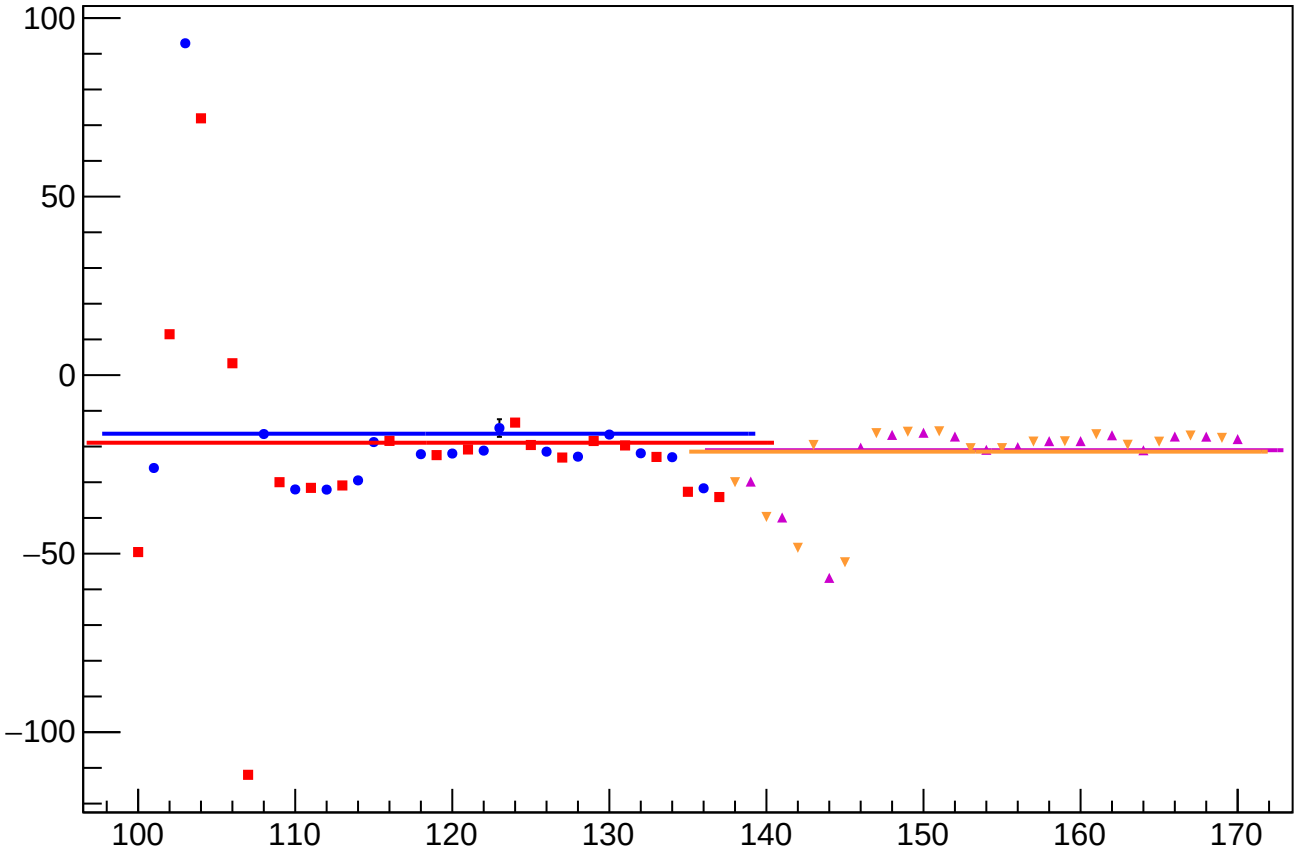
Left In: -14.350+/-0.435 χ^2/NDF:683.0/15

+ sign -18.330+/-0.371 χ^2/NDF: 1679.0/33

All: -19.224+/-0.264 χ^2/NDF: 3599.9/68

- sign -20.137+/-0.375 χ^2/NDF: 1909.1/34

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -21.429+/-0.020 χ^2/NDF:191262.1/16

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

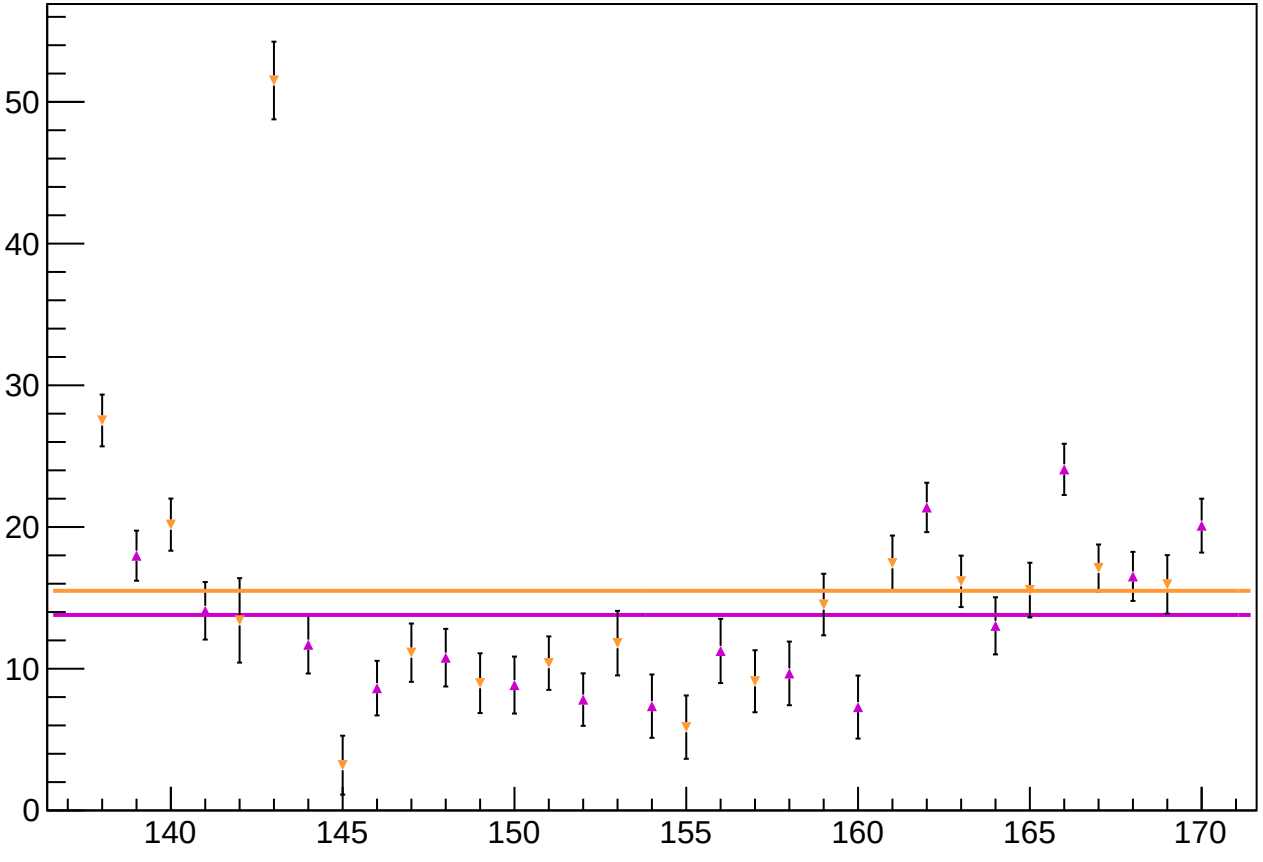
Left In: -21.029+/-0.020 χ^2/NDF:162745.6/15

+ sign -20.571+/-0.018 χ^2/NDF: 676223.0/33

All: -20.631+/-0.013 χ^2/NDF: 1274939.6/68

- sign -20.690+/-0.018 χ^2/NDF: 598695.4/34

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 15.499+/-0.496 χ^2/NDF:311.2/16

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

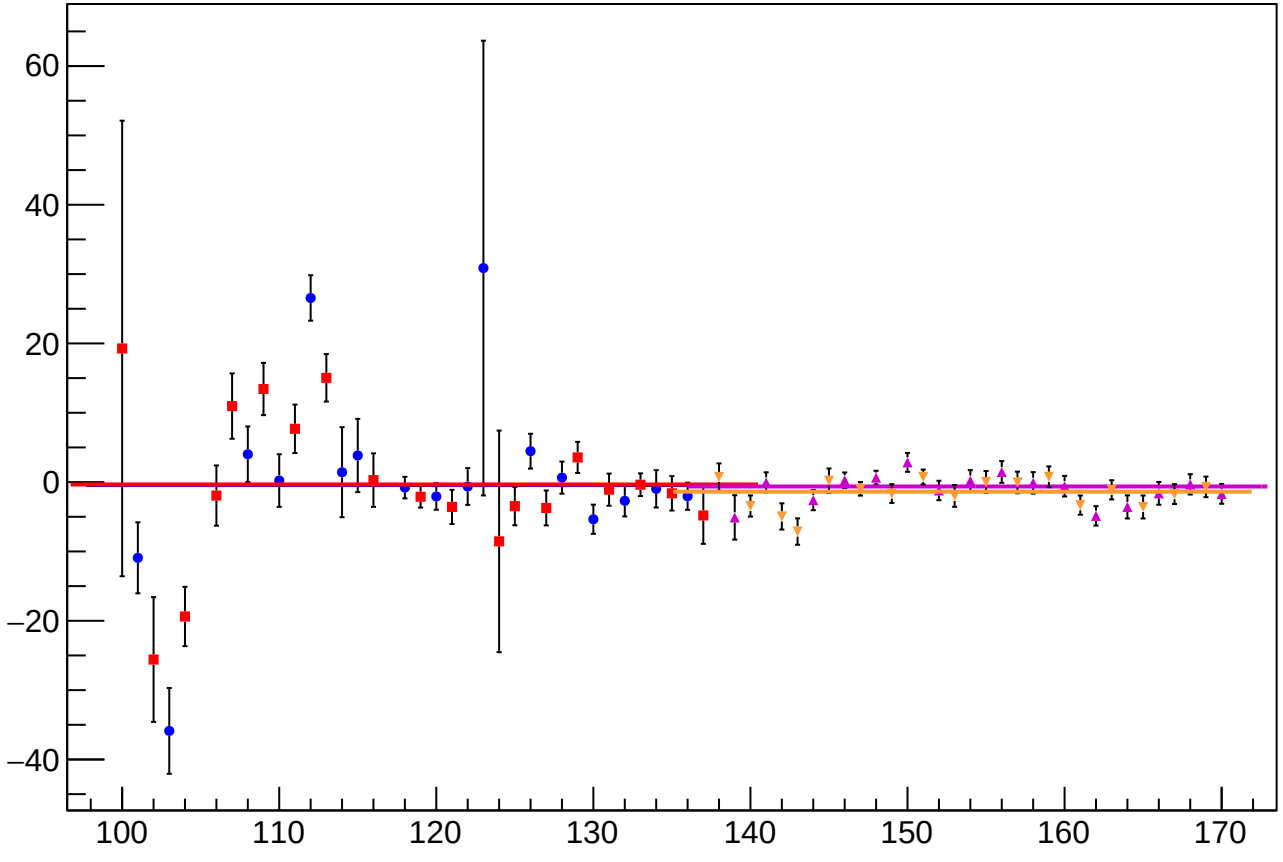
Left In: 13.797+/-0.491 χ^2/NDF:118.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 14.639+/-0.349 χ^2/NDF: 436.0/32

- 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: -1.383+/-0.353 χ^2/NDF:28.4/16

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

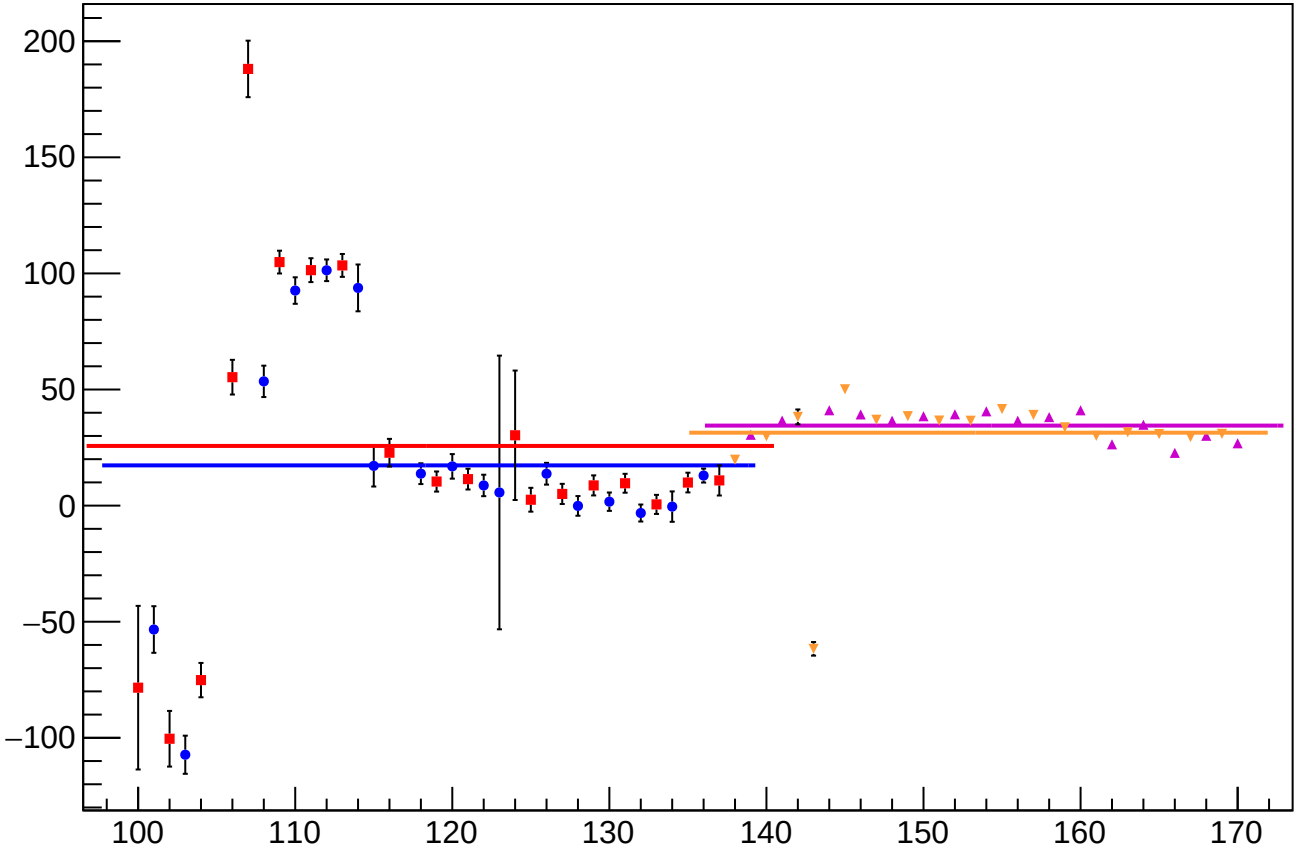
Left In: -0.632+/-0.358 χ^2/NDF:28.3/15

+ sign -1.164+/-0.310 χ^2/NDF: 150.0/33

All: -0.869+/-0.221 χ^2/NDF: 264.0/68

- sign -0.566+/-0.315 χ^2/NDF: 112.2/34

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 31.407+/-0.489 χ^2/NDF:1202.5/16

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

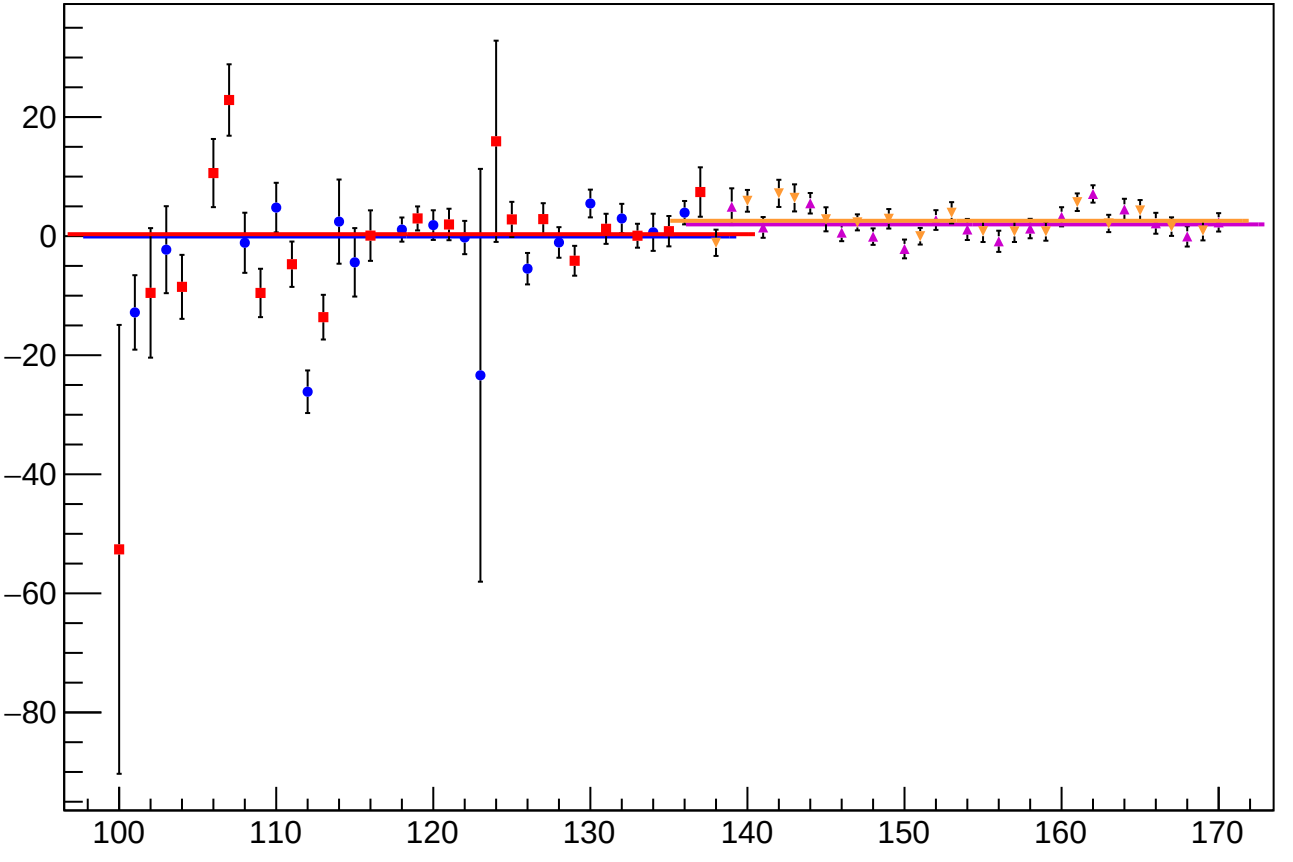
Left In: 34.463+/-0.482 χ^2/NDF:143.9/15

+ sign 29.512+/-0.454 χ^2/NDF: 2257.4/33

All: 31.437+/-0.320 χ^2/NDF: 3859.1/68

- sign 33.318+/-0.449 χ^2/NDF: 1566.2/34

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 2.578+/-0.410 χ^2/NDF:27.3/16

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

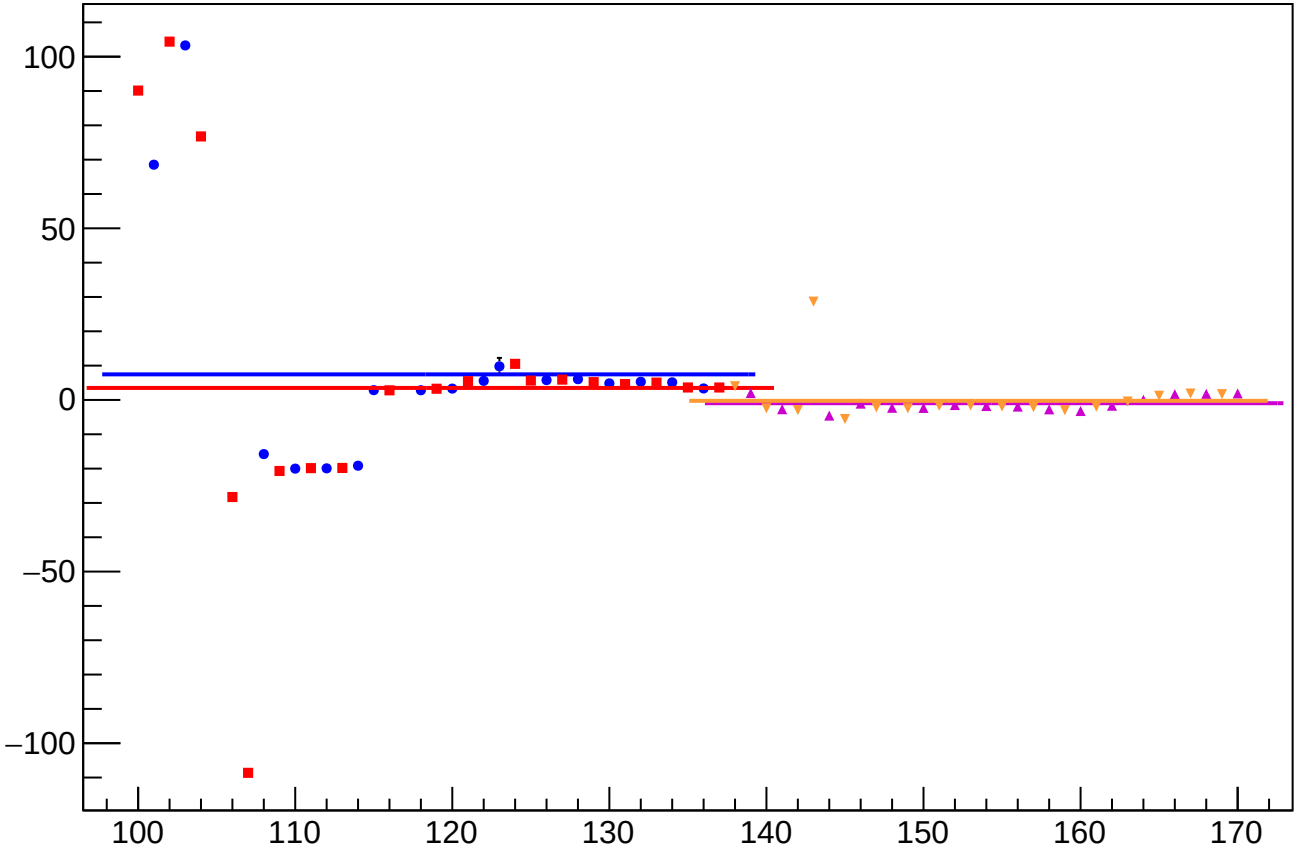
Left In: 1.972+/-0.415 χ^2/NDF:34.8/15

+ sign 1.962+/-0.359 χ^2/NDF: 113.5/33

All: 1.776+/-0.255 χ^2/NDF: 207.6/68

- sign 1.586+/-0.363 χ^2/NDF: 93.6/34

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: -0.254+/-0.019 χ^2/NDF:75875.0/16

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

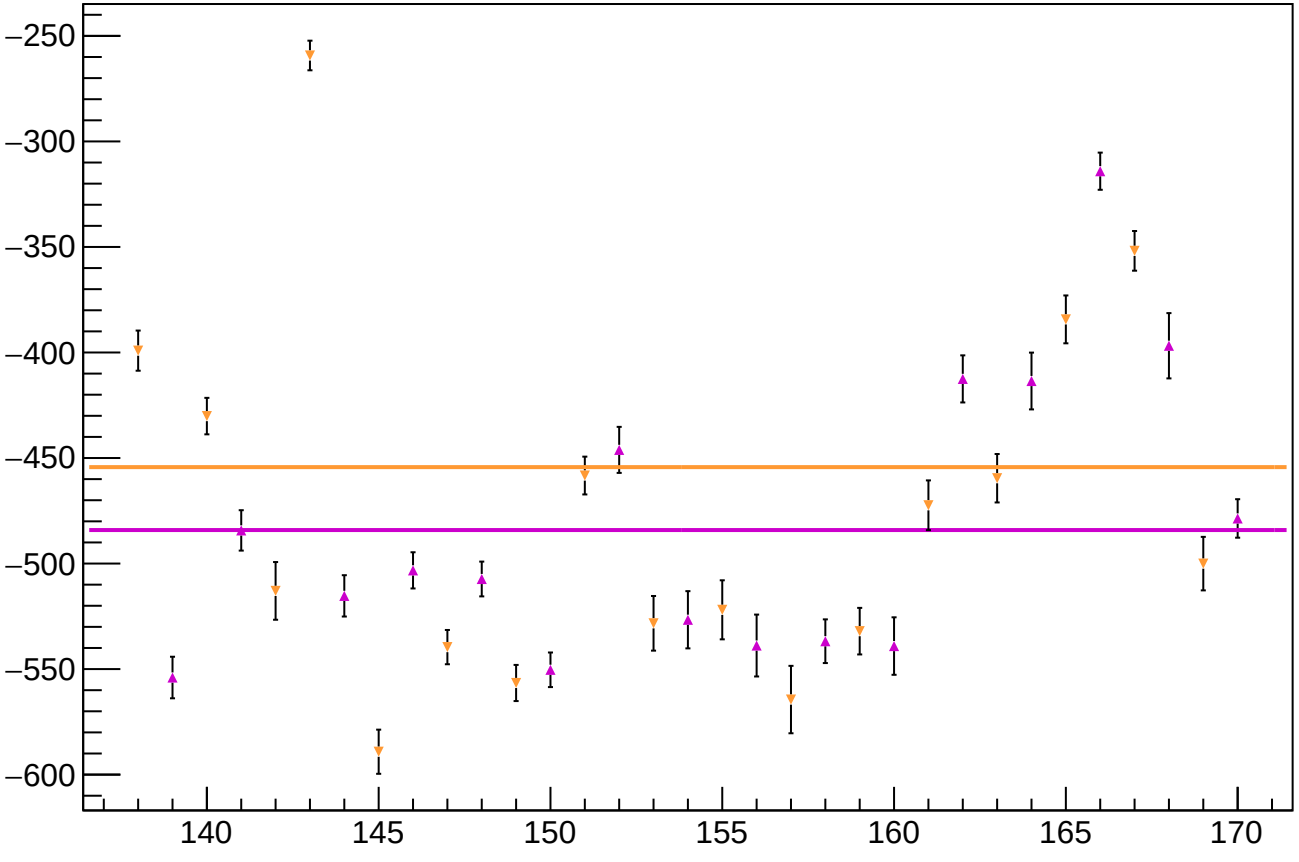
Left In: -0.948+/-0.019 χ^2/NDF:10854.5/15

+ sign 0.951+/-0.018 χ^2/NDF: 457334.5/33

All: 0.320+/-0.012 χ^2/NDF: 989473.0/68

- sign -0.298+/-0.017 χ^2/NDF: 529586.5/34

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -454.315+/-2.470 χ^2/NDF:1577.3/16

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

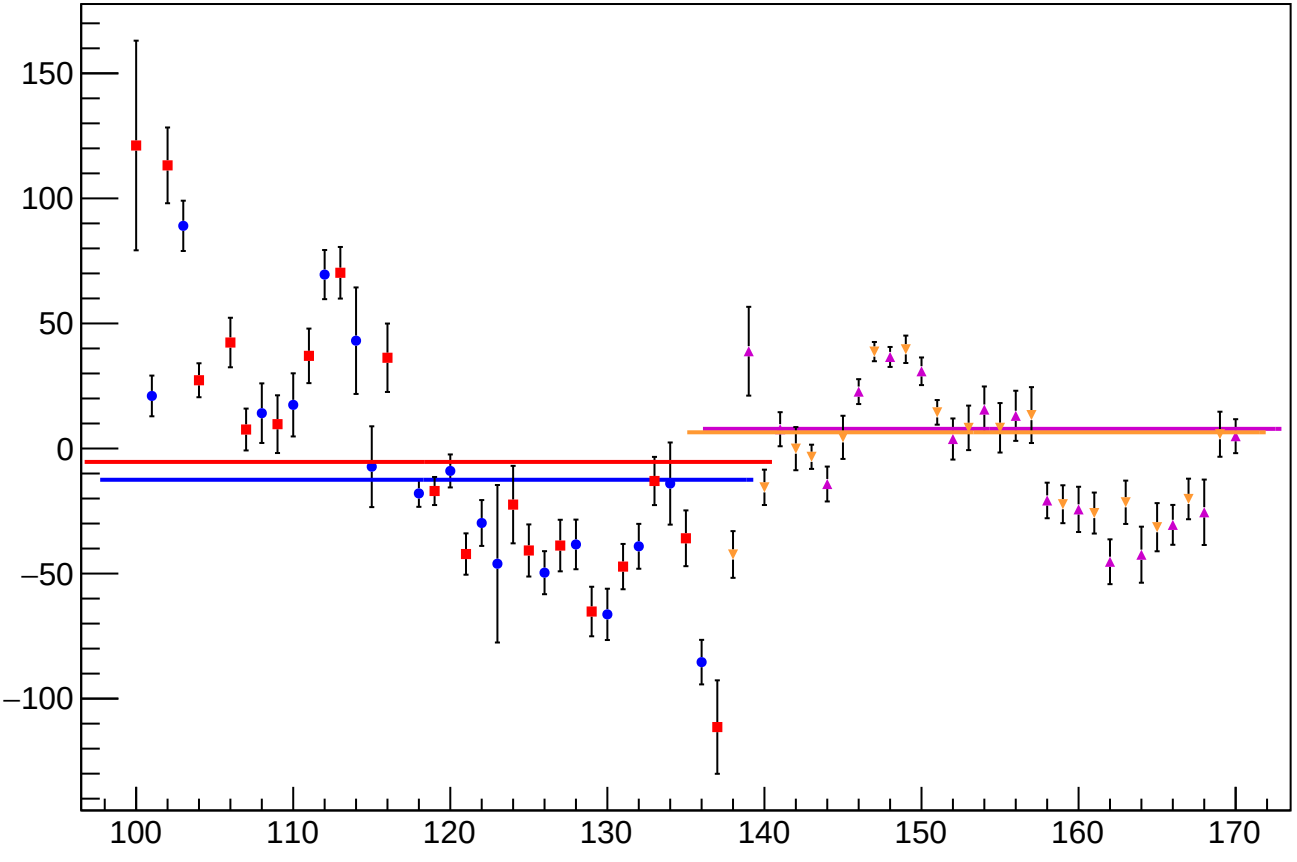
Left In: -484.127+/-2.576 χ^2/NDF:690.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -468.600+/-1.783 χ^2/NDF: 2337.6/32

- 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: 6.480+/-1.671 χ^2/NDF:218.6/16

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

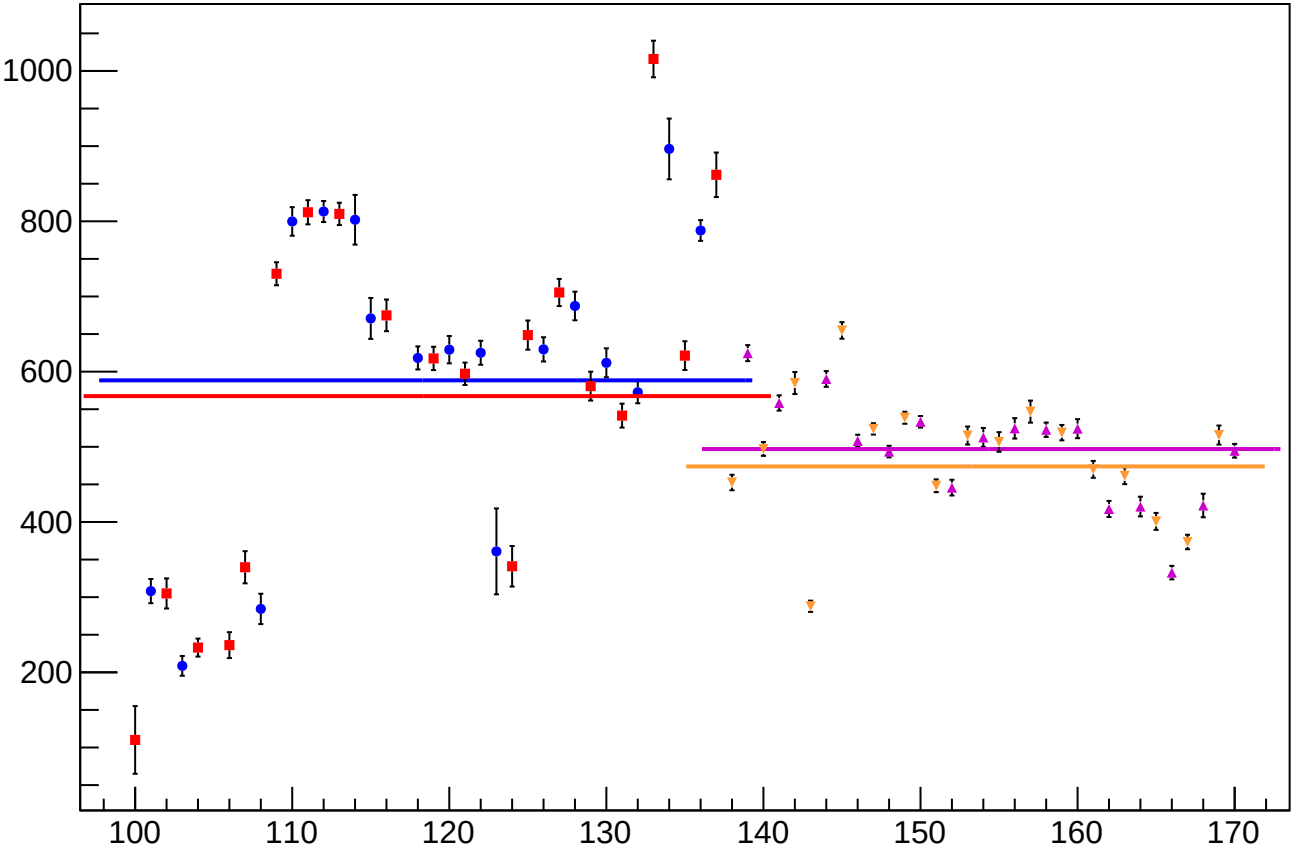
Left In: 7.858+/-1.786 χ^2/NDF:206.6/15

+ sign -0.038+/-1.354 χ^2/NDF: 604.0/33

All: 1.325+/-0.974 χ^2/NDF: 1178.3/68

- sign 2.786+/-1.402 χ^2/NDF: 572.2/34

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 473.921+/-2.449 χ^2/NDF:1297.6/16

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

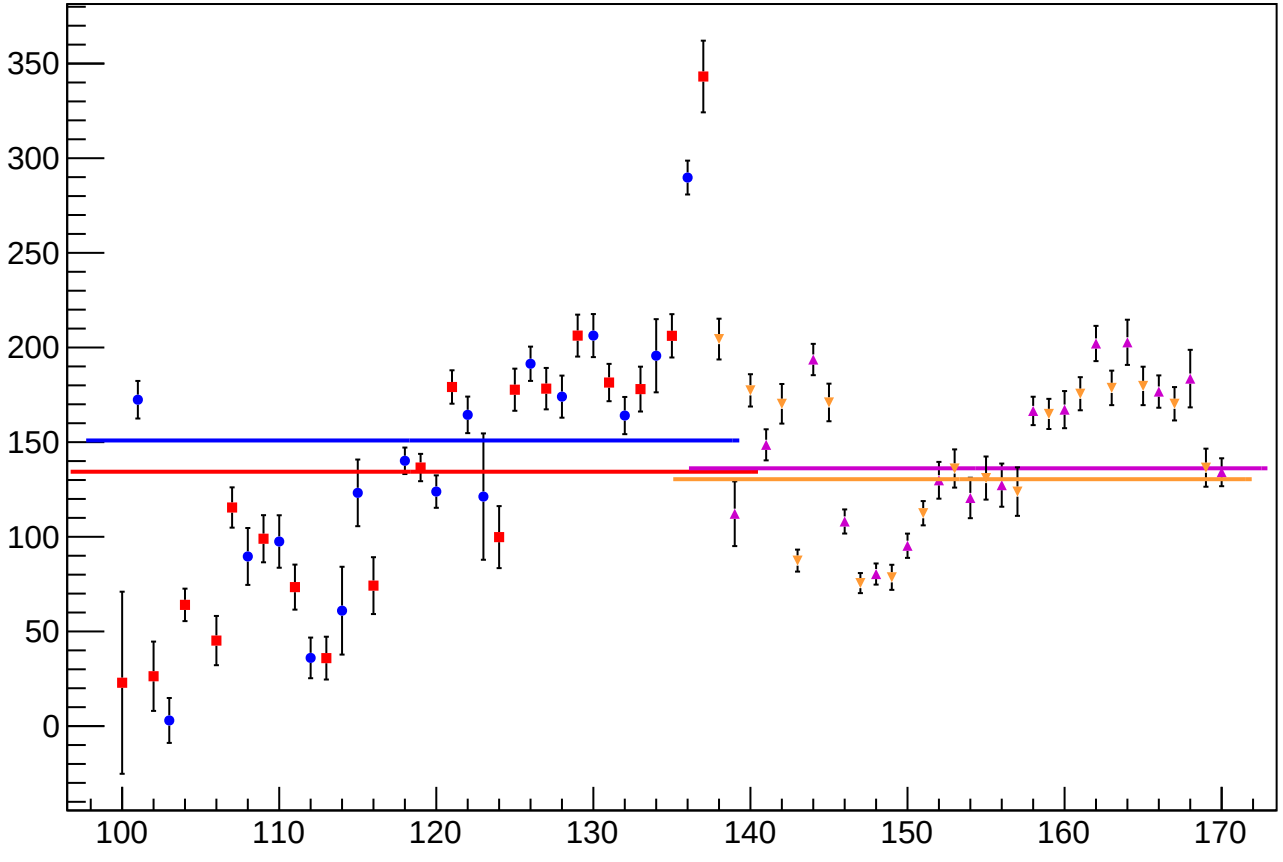
Left In: 497.028+/-2.521 χ^2/NDF:772.7/15

+ sign 501.770+/-2.131 χ^2/NDF: 3959.3/33

All: 508.862+/-1.514 χ^2/NDF: 7750.5/68

- sign 516.102+/-2.153 χ^2/NDF: 3768.8/34

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 130.433+/-1.997 χ^2/NDF:458.0/16

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

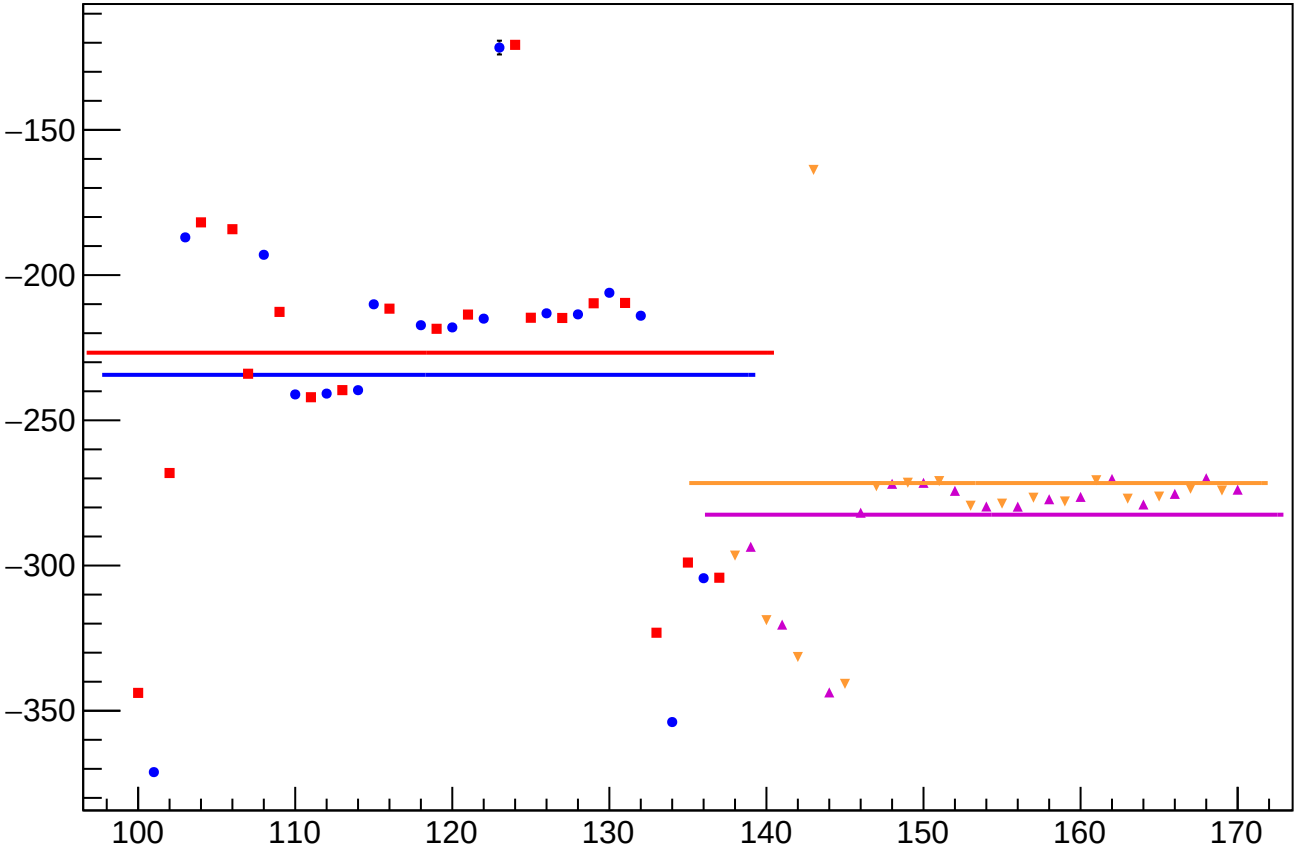
Left In: 136.186+/-2.112 χ^2/NDF:355.8/15

+ sign 137.756+/-1.600 χ^2/NDF: 1130.4/33

All: 136.647+/-1.147 χ^2/NDF: 2072.3/68

- sign 135.475+/-1.644 χ^2/NDF: 941.0/34

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -271.598+/-0.099 χ^2/NDF:183043.3/16

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

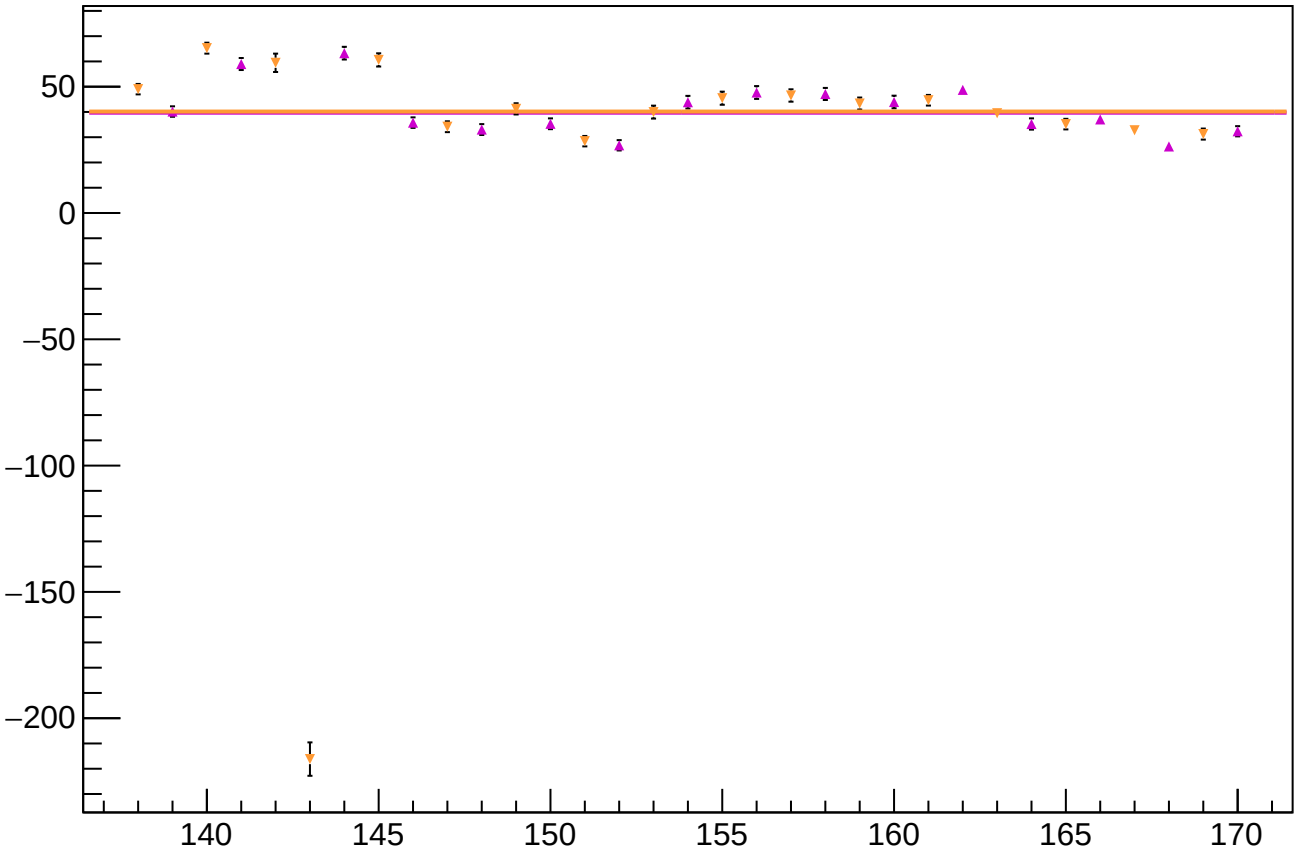
Left In: -282.492+/-0.100 χ^2/NDF:32508.6/15

+ sign -260.192+/-0.082 χ^2/NDF: 371997.0/33

All: -261.980+/-0.058 χ^2/NDF: 608344.3/68

- sign -263.761+/-0.082 χ^2/NDF: 235399.5/34

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 40.158+/-0.557 χ^2/NDF:1841.5/16

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

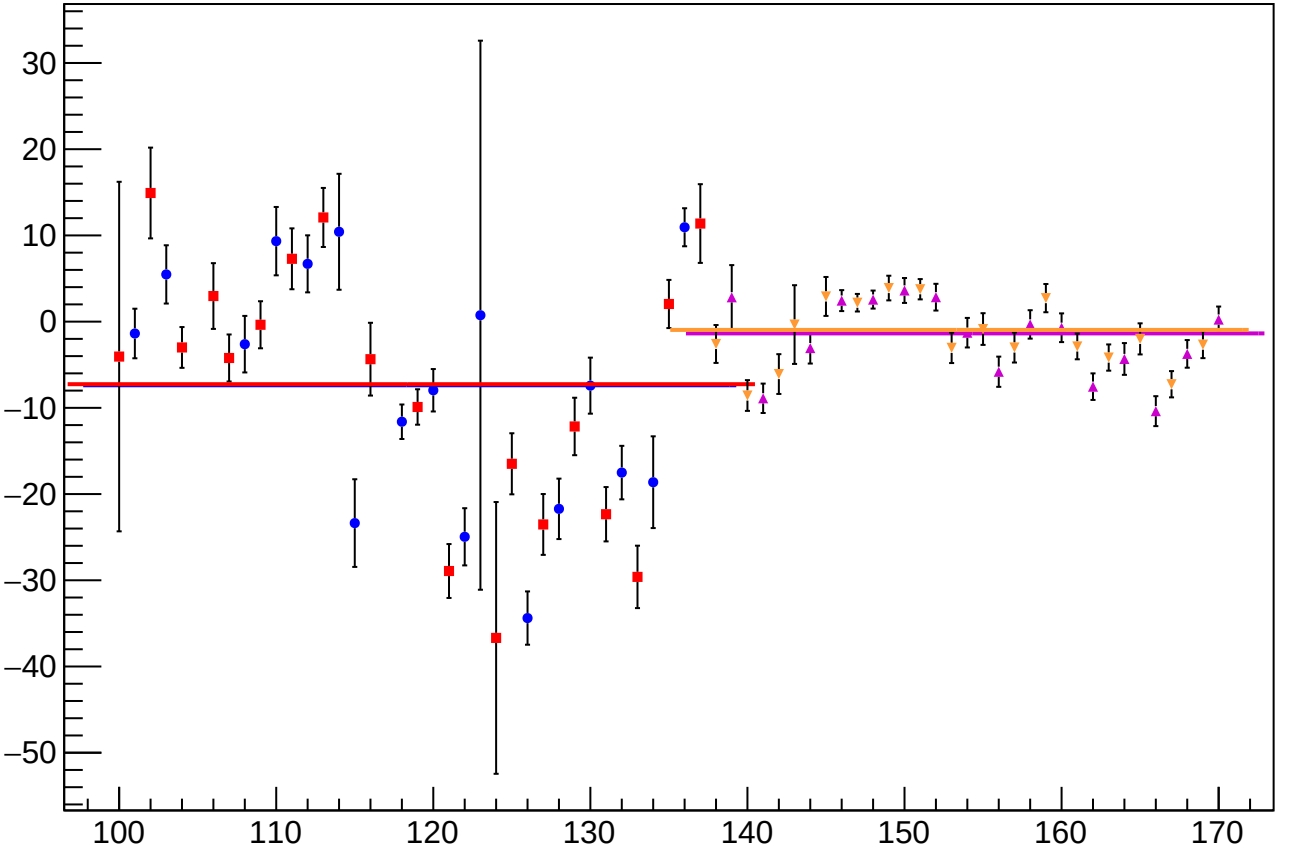
Left In: 39.711+/-0.543 χ^2/NDF:327.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 39.929+/-0.389 χ^2/NDF: 2169.1/32

- 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: -0.960+/-0.393 χ^2/NDF:96.4/16

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

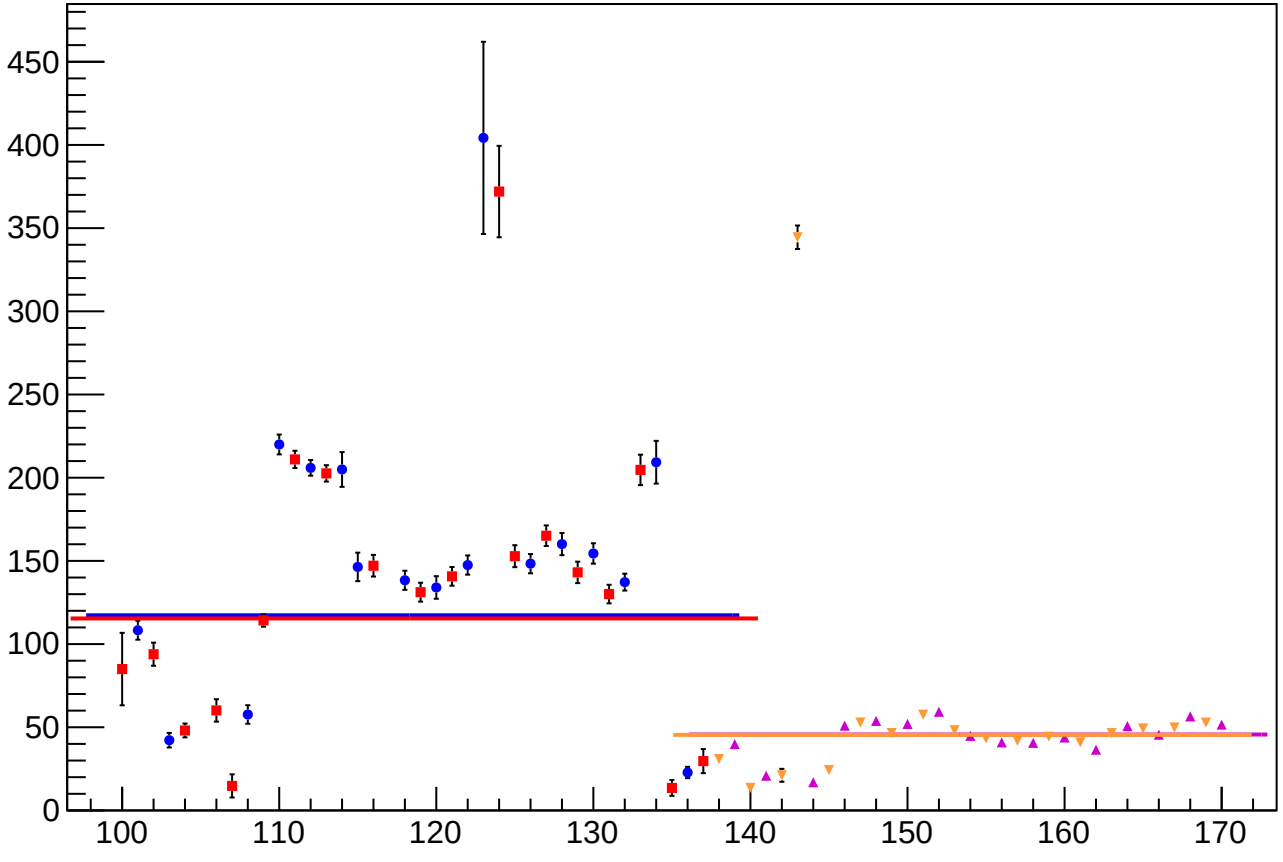
Left In: -1.366+/-0.393 χ^2/NDF:120.7/15

+ sign -2.264+/-0.351 χ^2/NDF: 434.1/33

All: -2.434+/-0.247 χ^2/NDF: 859.8/68

- sign -2.603+/-0.349 χ^2/NDF: 425.2/34

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 45.446+/-0.546 χ^2/NDF:2210.0/16

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

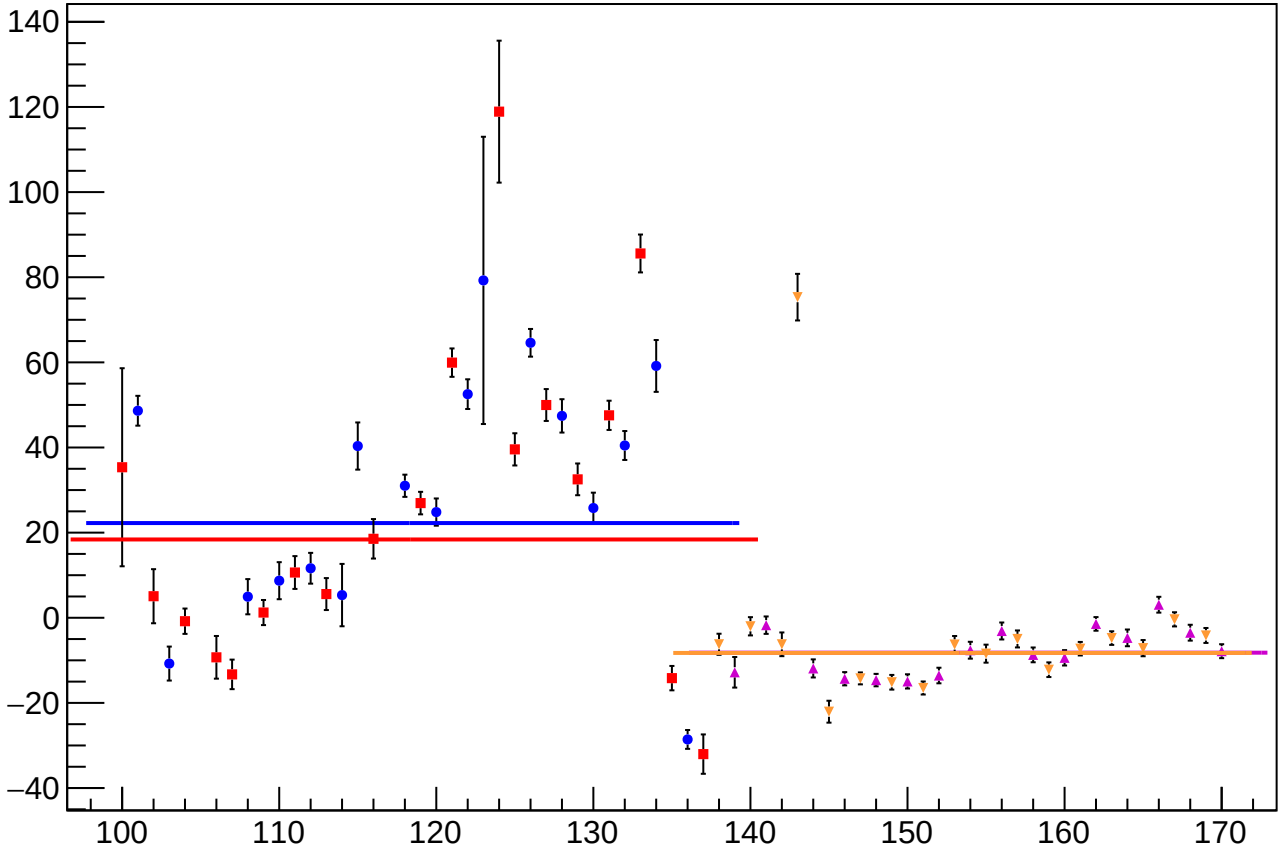
Left In: 45.641+/-0.531 χ^2/NDF:379.5/15

+ sign 54.837+/-0.509 χ^2/NDF: 6633.5/33

All: 54.851+/-0.355 χ^2/NDF: 11444.9/68

- sign 54.864+/-0.495 χ^2/NDF: 4811.4/34

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: -8.261+/-0.458 χ^2/NDF:376.9/16

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

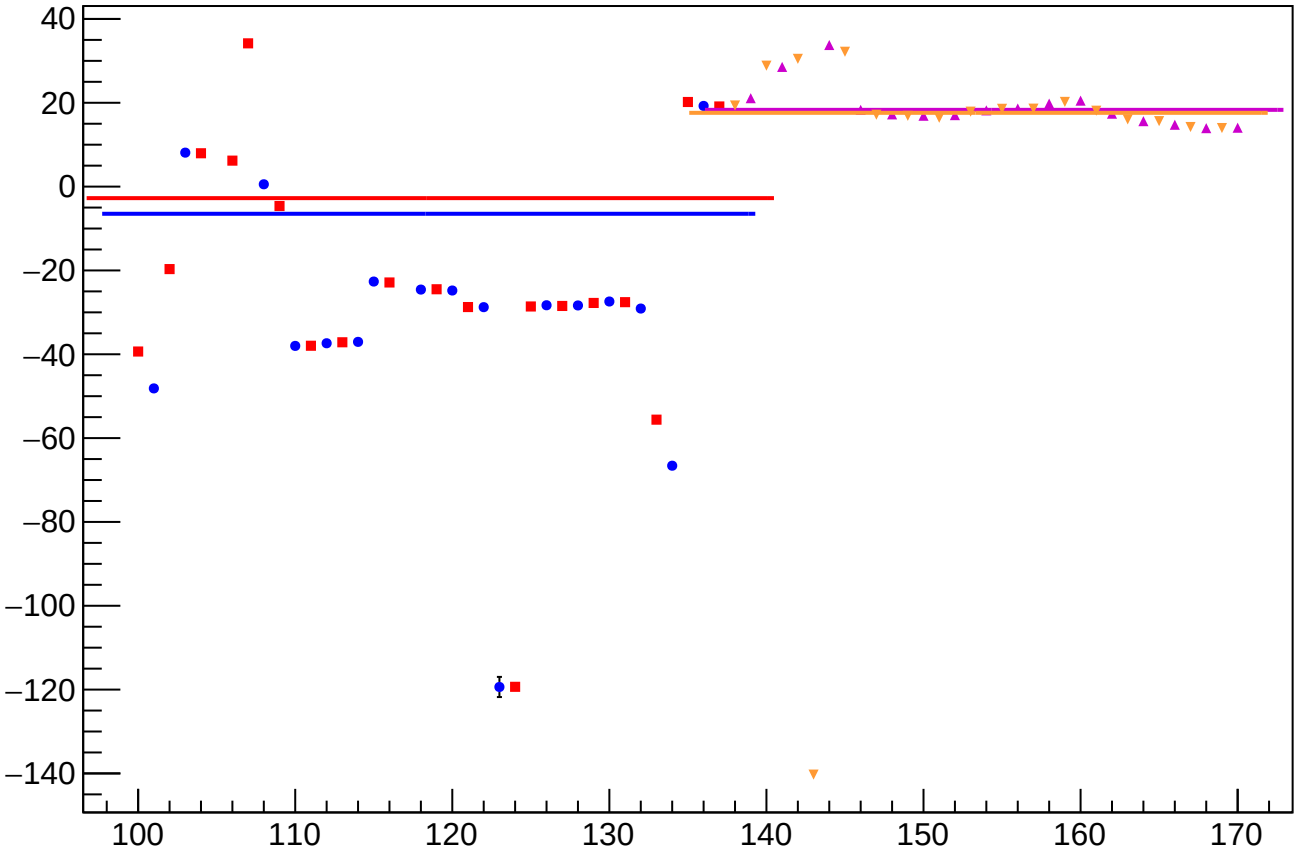
Left In: -8.202+/-0.456 χ^2/NDF:145.6/15

+ sign -1.869+/-0.407 χ^2/NDF: 2379.1/33

All: -2.185+/-0.287 χ^2/NDF: 4334.1/68

- sign -2.496+/-0.404 χ^2/NDF: 1953.8/34

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 17.603+/-0.021 χ^2/NDF:356030.7/16

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

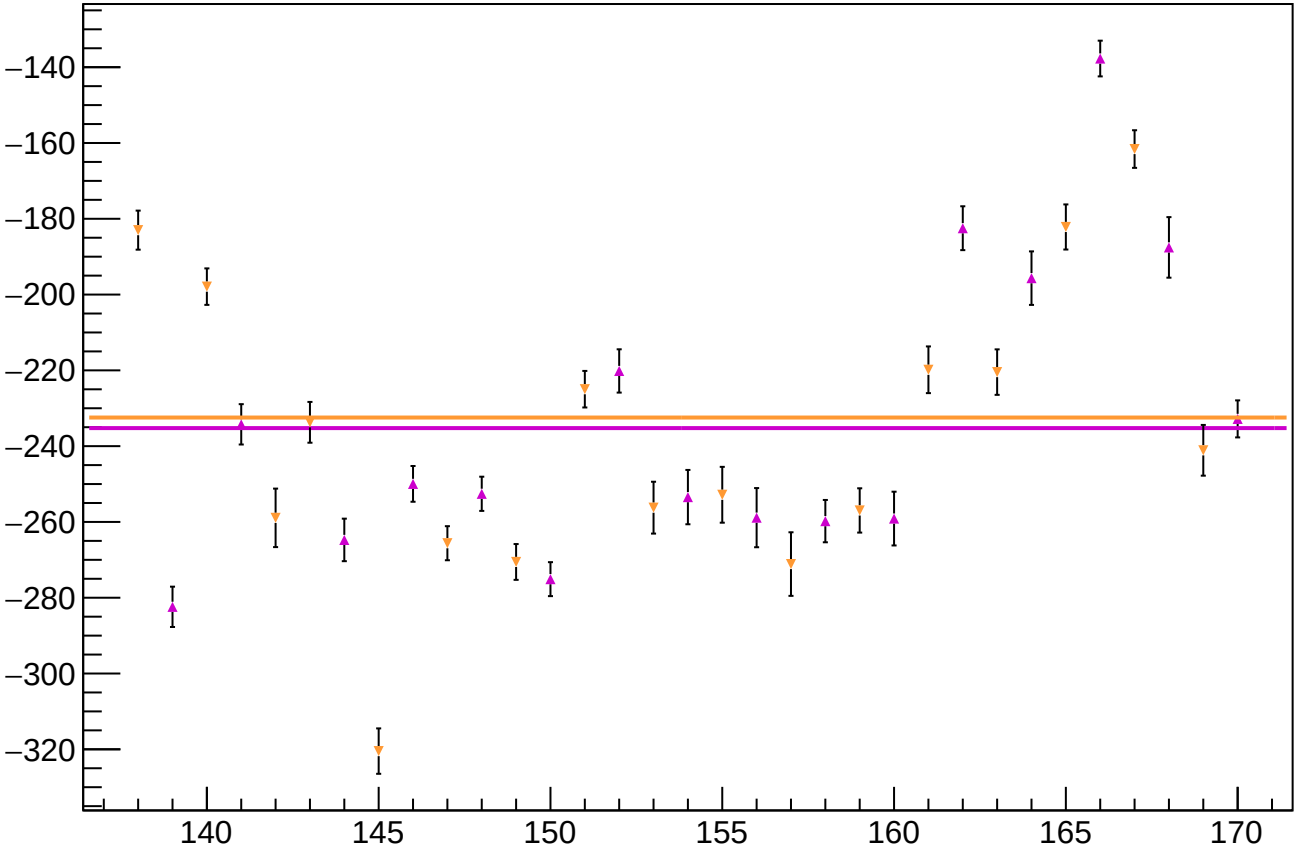
Left In: 18.314+/-0.021 χ^2/NDF:40082.7/15

+ sign 13.337+/-0.019 χ^2/NDF: 845833.5/33

All: 14.036+/-0.014 χ^2/NDF: 1330892.1/68

- sign 14.699+/-0.019 χ^2/NDF: 482536.0/34

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -232.448+/-1.379 χ^2/NDF:836.6/16

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

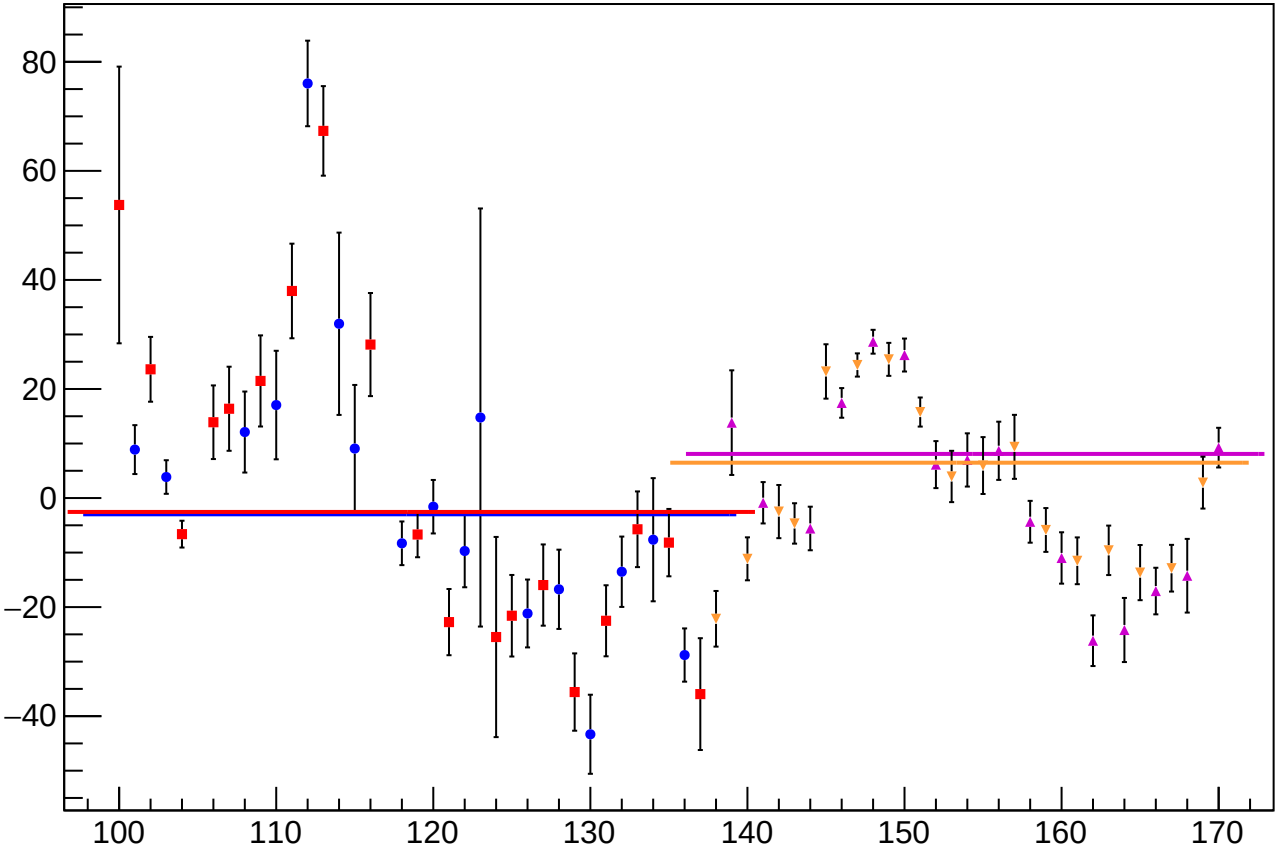
Left In: -235.237+/-1.391 χ^2/NDF:841.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -233.831+/-0.979 χ^2/NDF: 1680.2/32

- 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: 6.481+/-0.936 χ^2/NDF:274.3/16

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

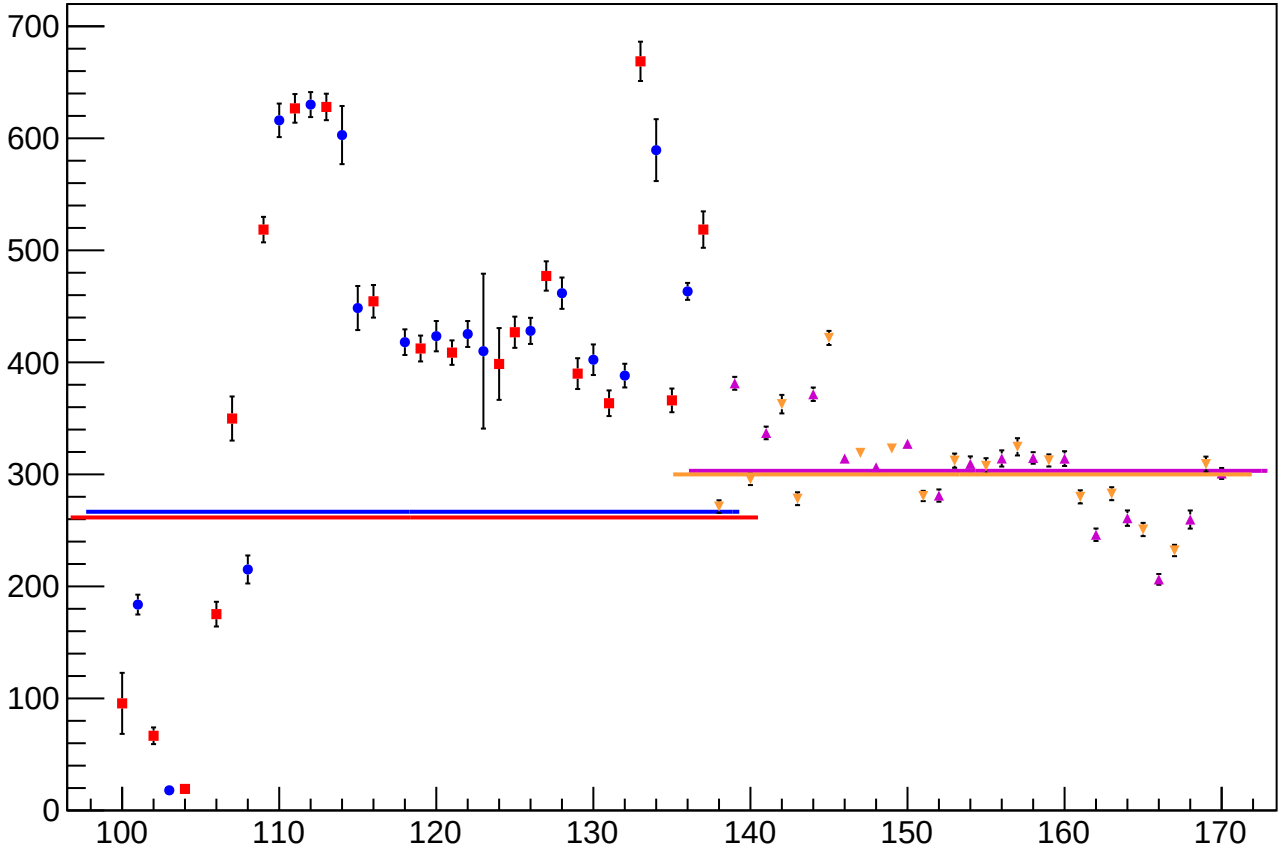
Left In: 8.091+/-0.967 χ^2/NDF:311.4/15

+ sign 3.700+/-0.786 χ^2/NDF: 508.3/33

All: 4.168+/-0.559 χ^2/NDF: 1077.7/68

- sign 4.648+/-0.796 χ^2/NDF: 568.7/34

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 299.969+/-1.360 χ^2/NDF:830.1/16

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

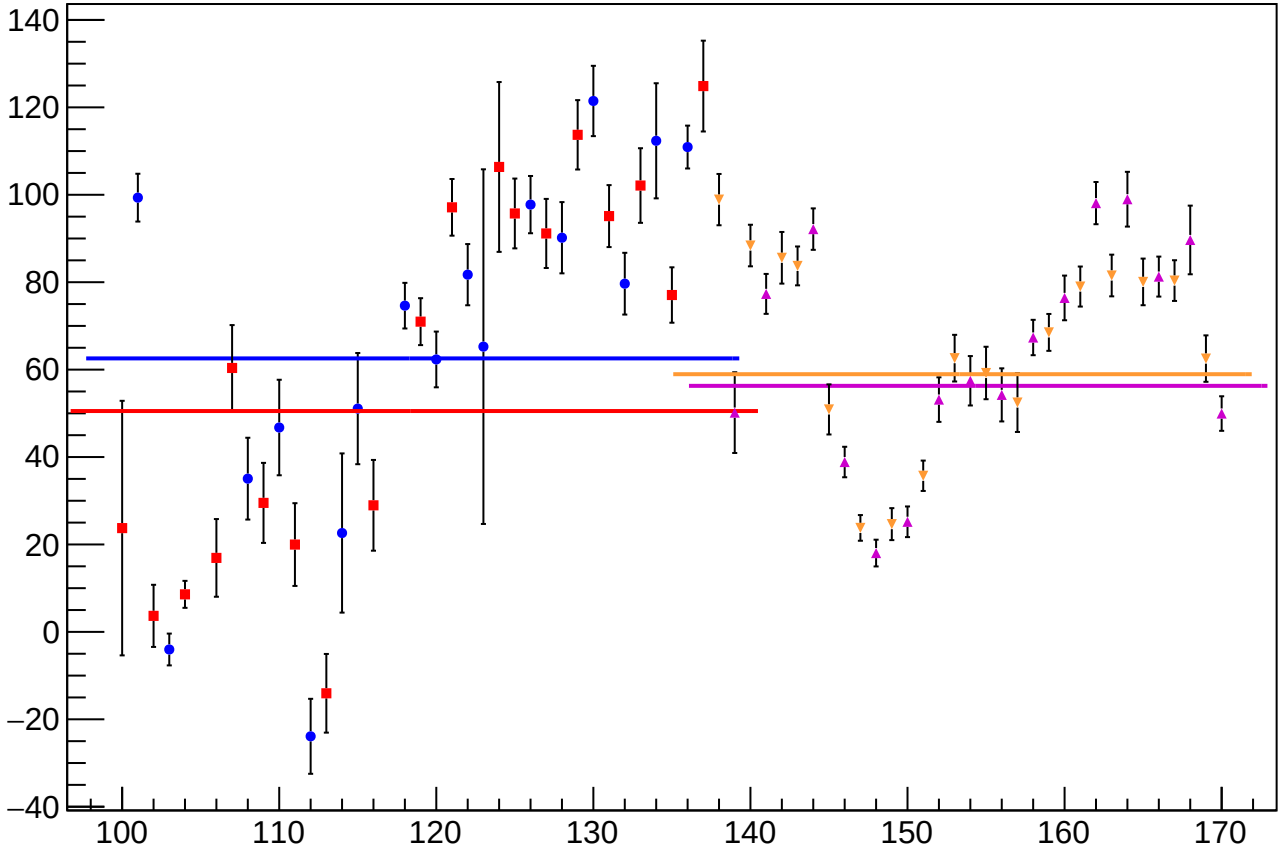
Left In: 303.164+/-1.360 χ^2/NDF:995.4/15

+ sign 292.249+/-1.192 χ^2/NDF: 8632.1/33

All: 292.830+/-0.842 χ^2/NDF: 18055.6/68

- sign 293.409+/-1.190 χ^2/NDF: 9423.1/34

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 58.953+/-1.114 χ^2/NDF:499.4/16

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

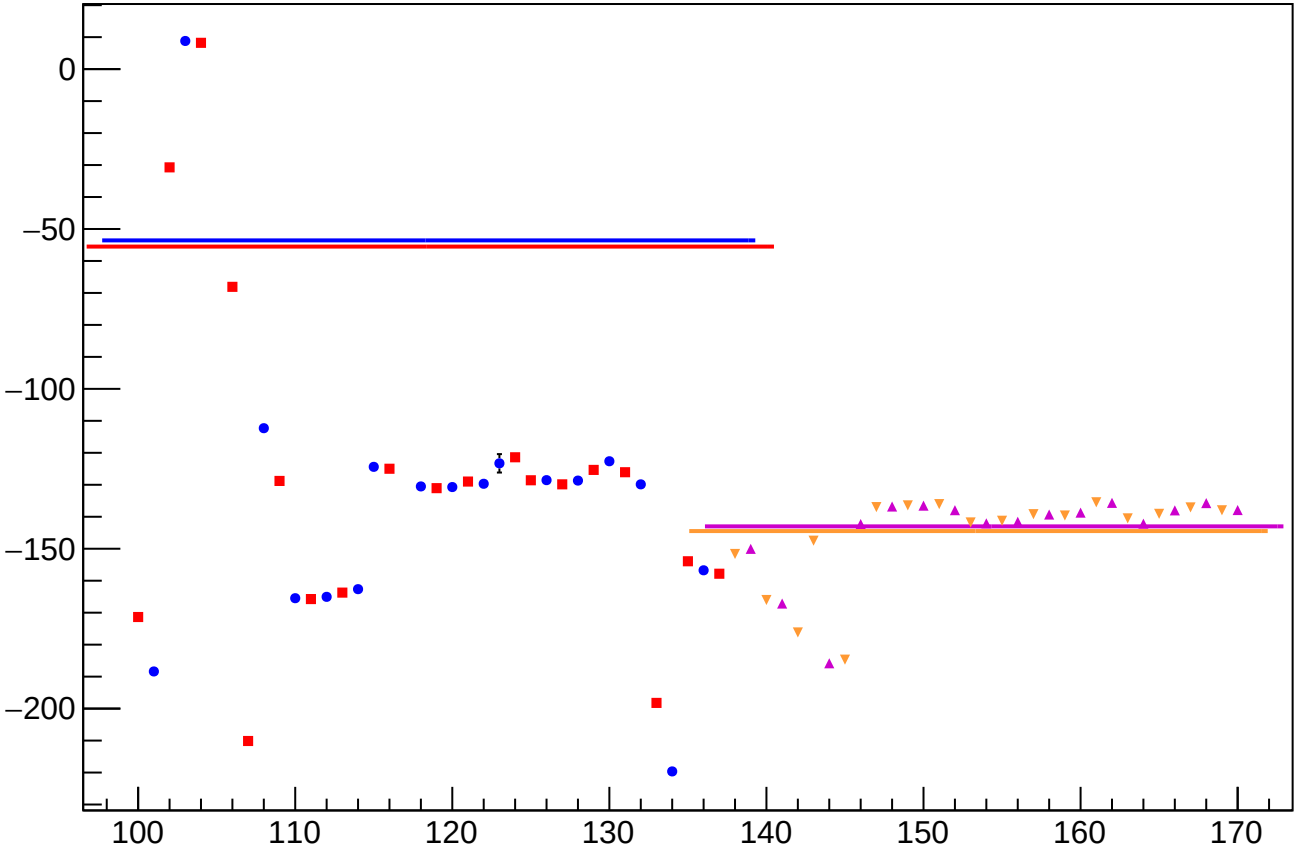
Left In: 56.288+/-1.142 χ^2/NDF:534.2/15

+ sign 60.058+/-0.928 χ^2/NDF: 1225.0/33

All: 57.264+/-0.660 χ^2/NDF: 2442.9/68

- sign 54.413+/-0.938 χ^2/NDF: 1199.5/34

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -144.480+/-0.055 χ^2/NDF:56543.5/16

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

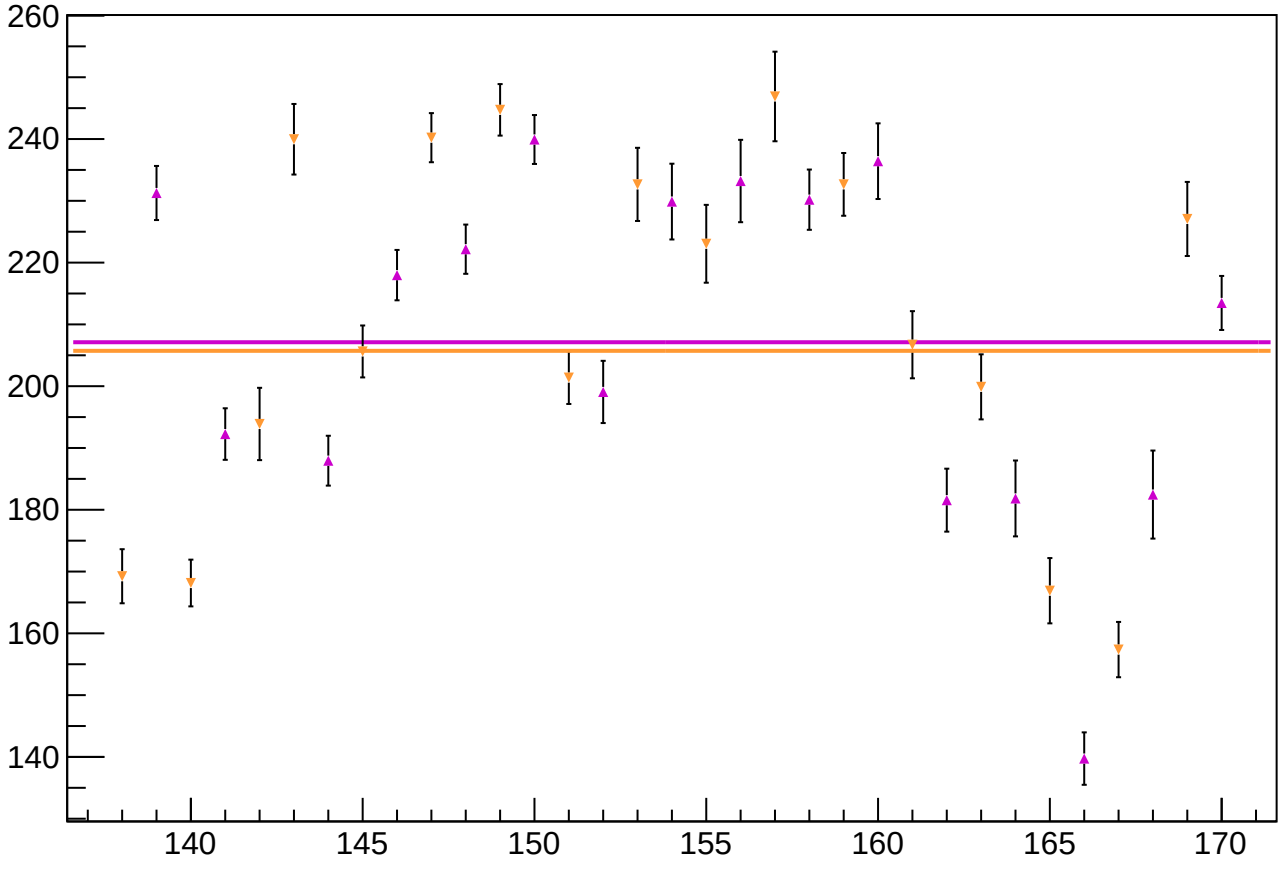
Left In: -143.007+/-0.054 χ^2/NDF:45707.8/15

+ sign -110.312+/-0.043 χ^2/NDF: 2331428.4/33

All: -110.850+/-0.031 χ^2/NDF: 4292911.0/68

- sign -111.390+/-0.043 χ^2/NDF: 1961170.7/34

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 205.723+/-1.187 χ^2/NDF:645.4/16

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

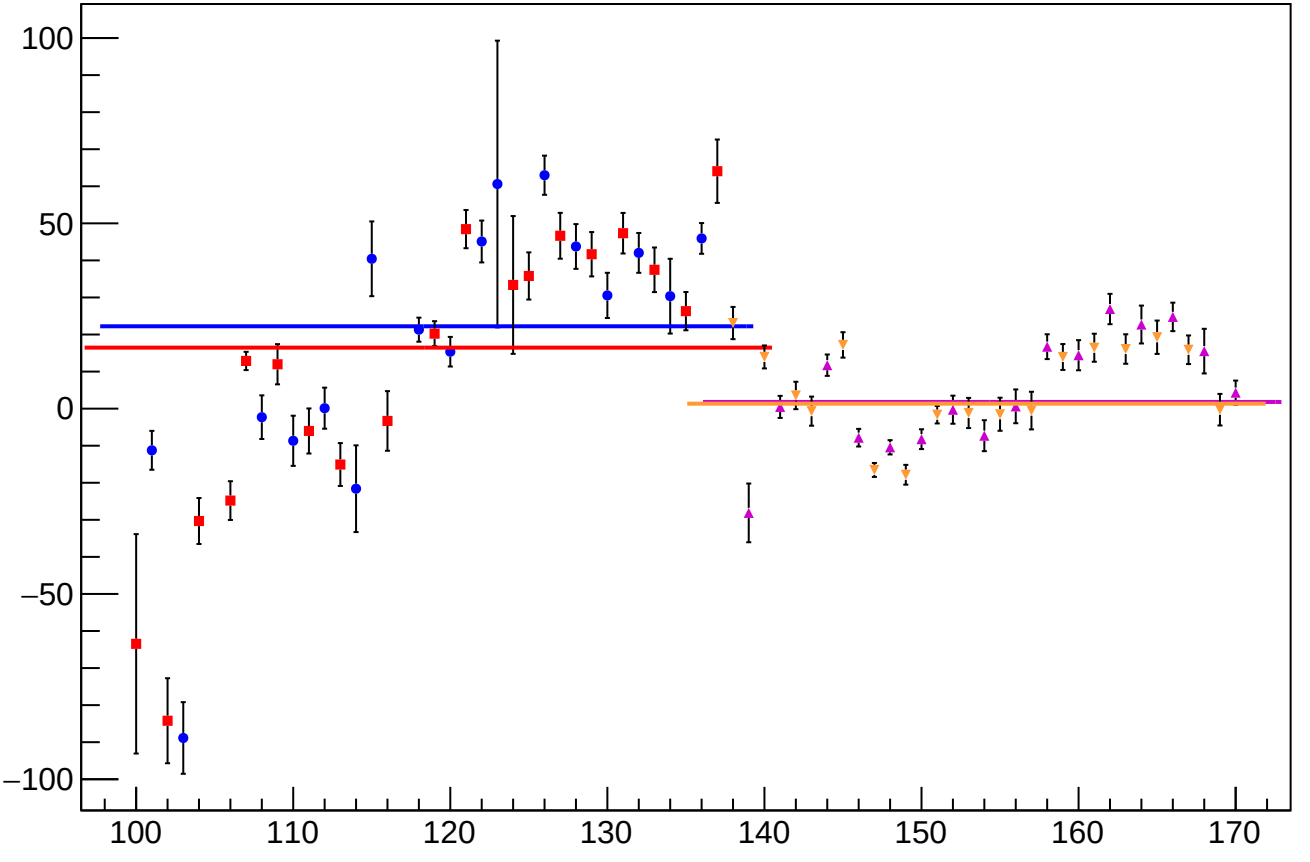
Left In: 207.114+/-1.189 χ^2/NDF:541.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 206.418+/-0.840 χ^2/NDF: 1187.3/32

- 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: 1.343+/-0.812 χ^2/NDF:280.7/16

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

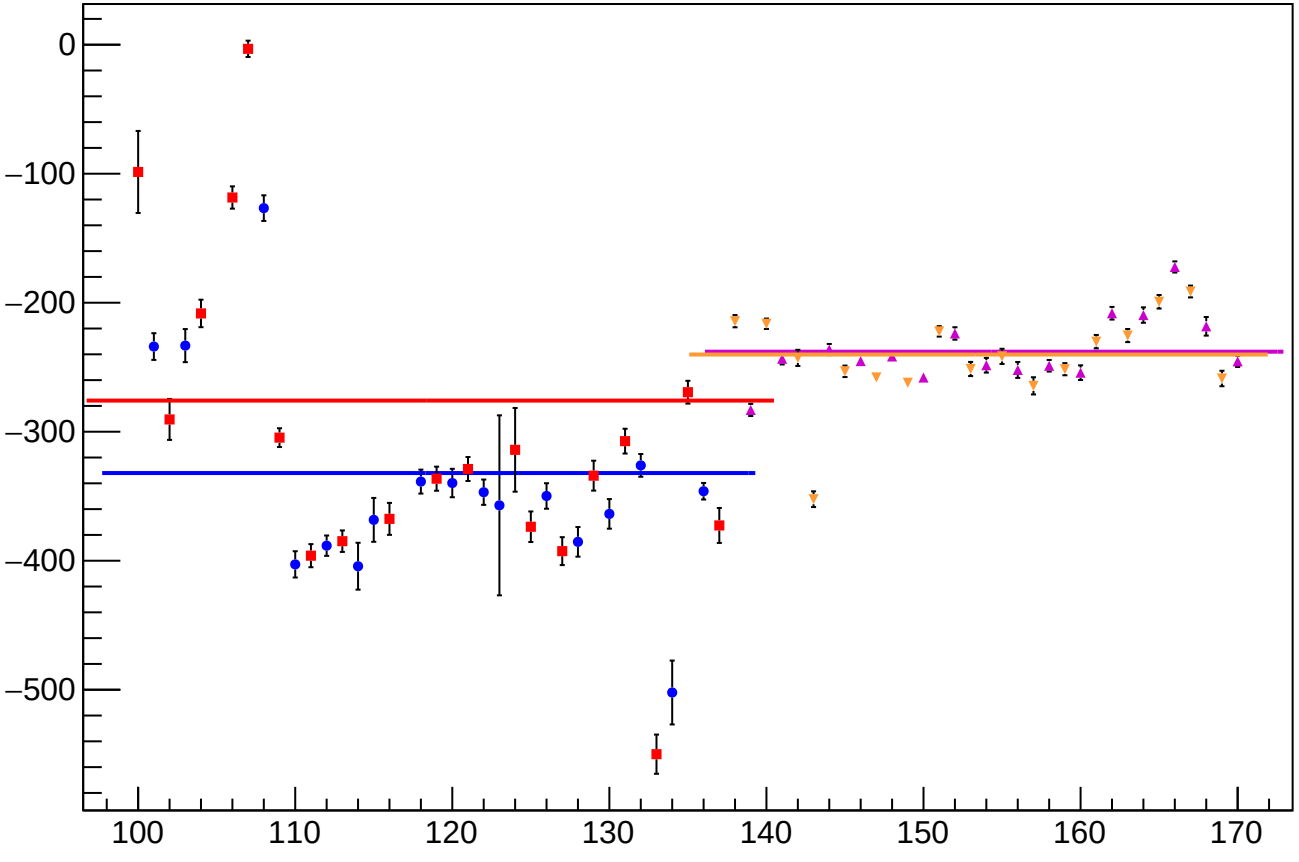
Left In: 1.806+/-0.832 χ^2/NDF:227.2/15

+ sign 6.745+/-0.699 χ^2/NDF: 837.5/33

All: 6.573+/-0.491 χ^2/NDF: 1588.3/68

- sign 6.407+/-0.689 χ^2/NDF: 750.7/34

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -240.163+/-1.174 χ^2/NDF:705.0/16

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

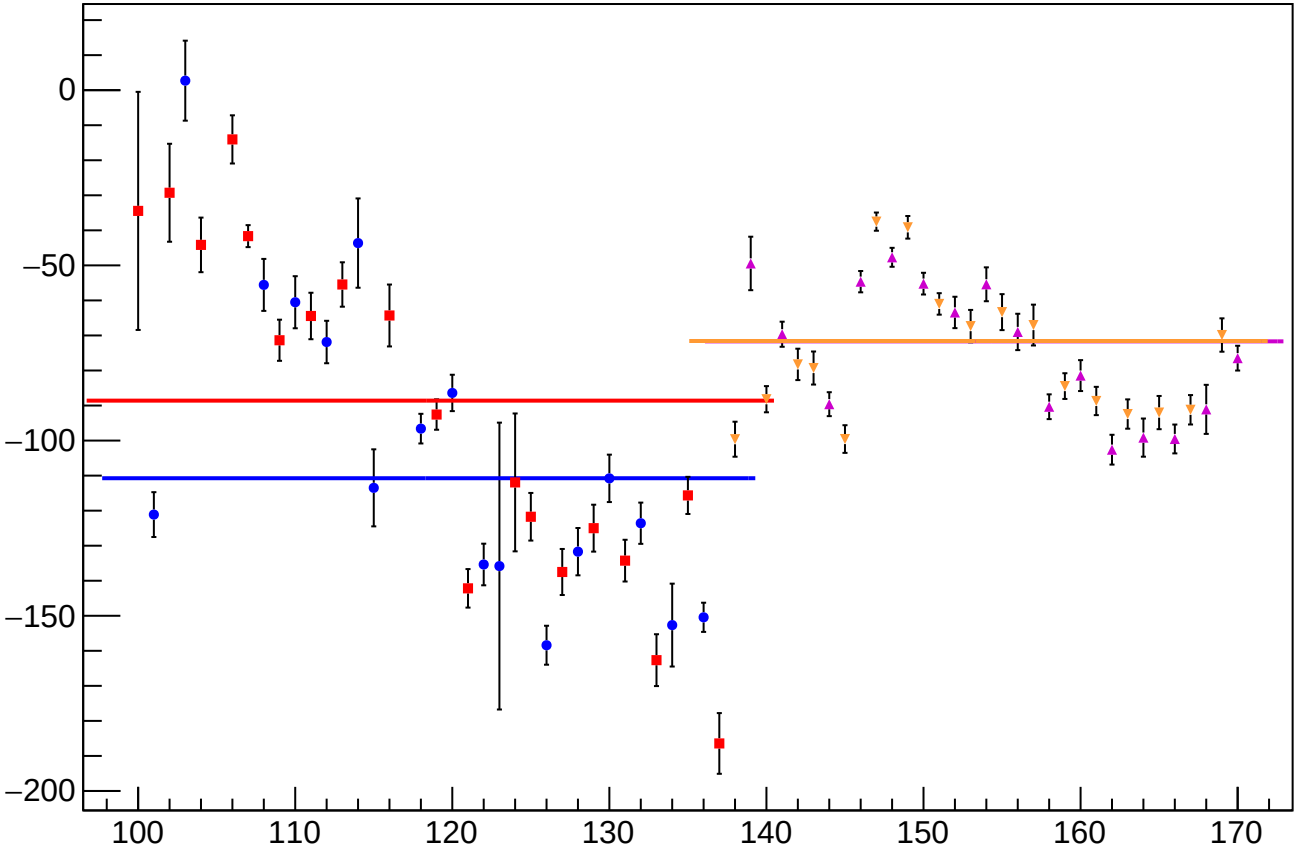
Left In: -237.954+/-1.167 χ^2/NDF:458.4/15

+ sign -256.112+/-1.067 χ^2/NDF: 2552.7/33

All: -250.726+/-0.746 χ^2/NDF: 6636.1/68

- sign -245.585+/-1.043 χ^2/NDF: 4033.6/34

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -71.581+/-0.965 χ^2/NDF:491.0/16

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

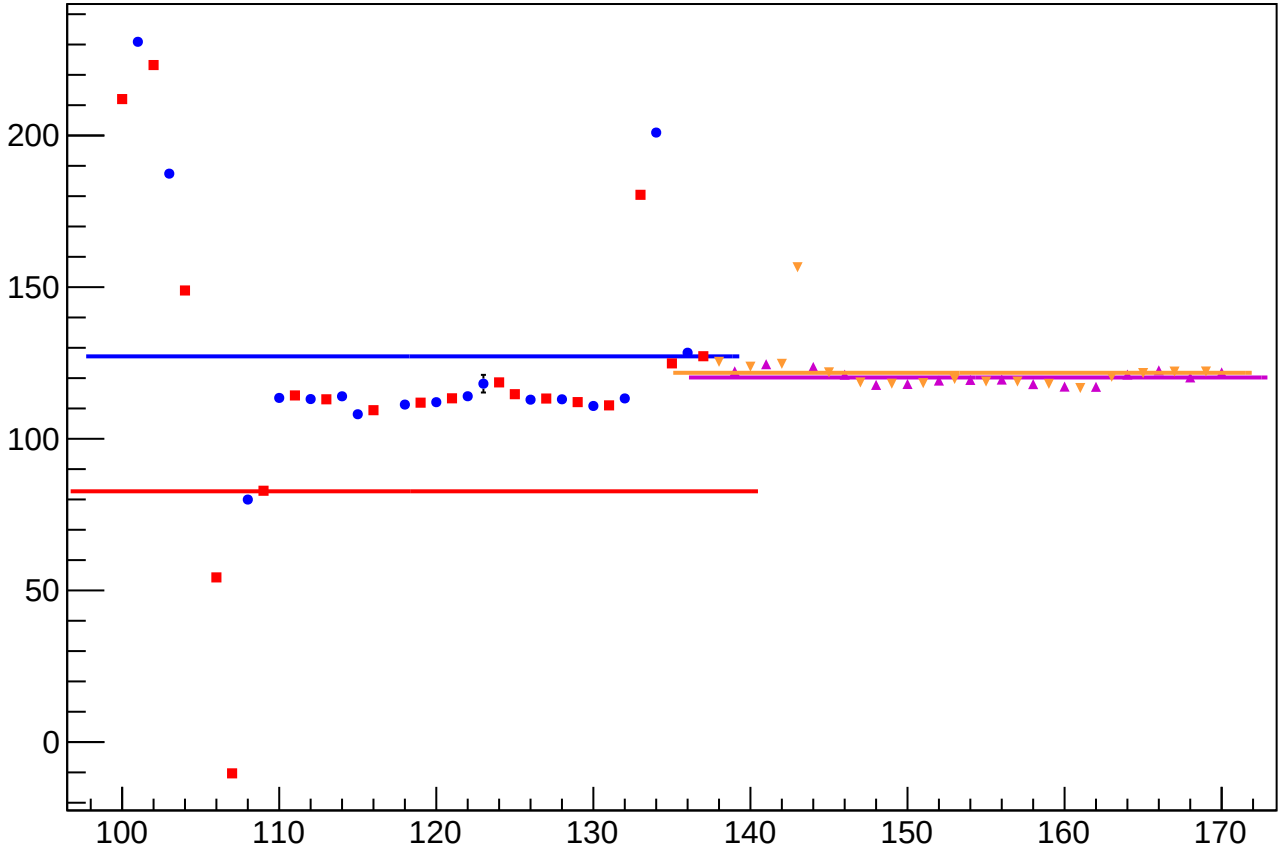
Left In: -71.683+/-0.981 χ^2/NDF:356.2/15

+ sign -82.247+/-0.823 χ^2/NDF: 1452.9/33

All: -79.616+/-0.577 χ^2/NDF: 2893.6/68

- sign -77.072+/-0.810 χ^2/NDF: 1420.7/34

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 121.762+/-0.047 χ^2/NDF:23682.0/16

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

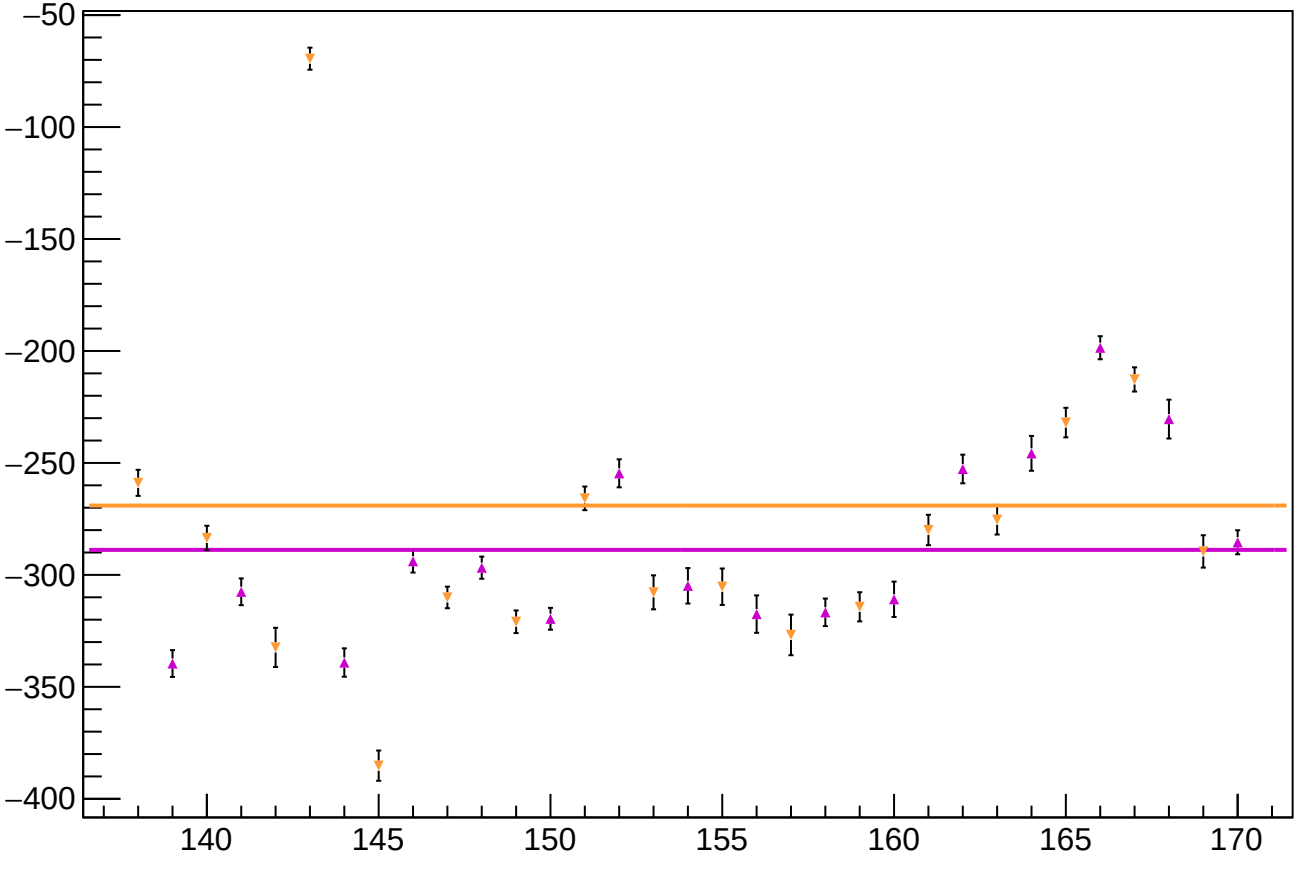
Left In: 120.214+/-0.046 χ^2/NDF:2504.9/15

+ sign 122.945+/-0.042 χ^2/NDF: 214627.4/33

All: 116.076+/-0.029 χ^2/NDF: 1214707.9/68

- sign 109.877+/-0.040 χ^2/NDF: 948207.8/34

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -269.036+/-1.496 χ^2/NDF:2465.0/16

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

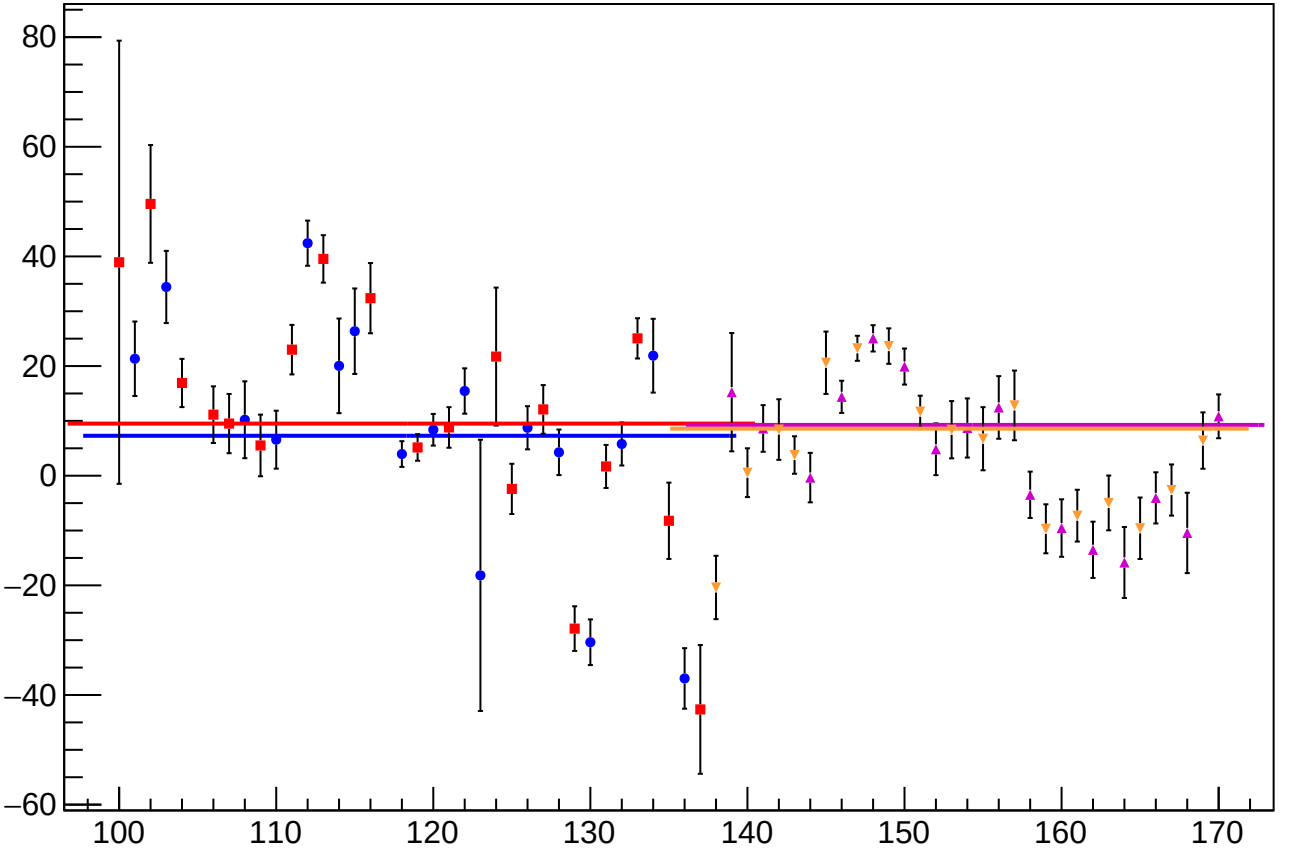
Left In: -288.823+/-1.529 χ^2/NDF:677.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -278.710+/-1.069 χ^2/NDF: 3227.8/32

- 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: 8.585+/-1.012 χ^2/NDF:151.1/16

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

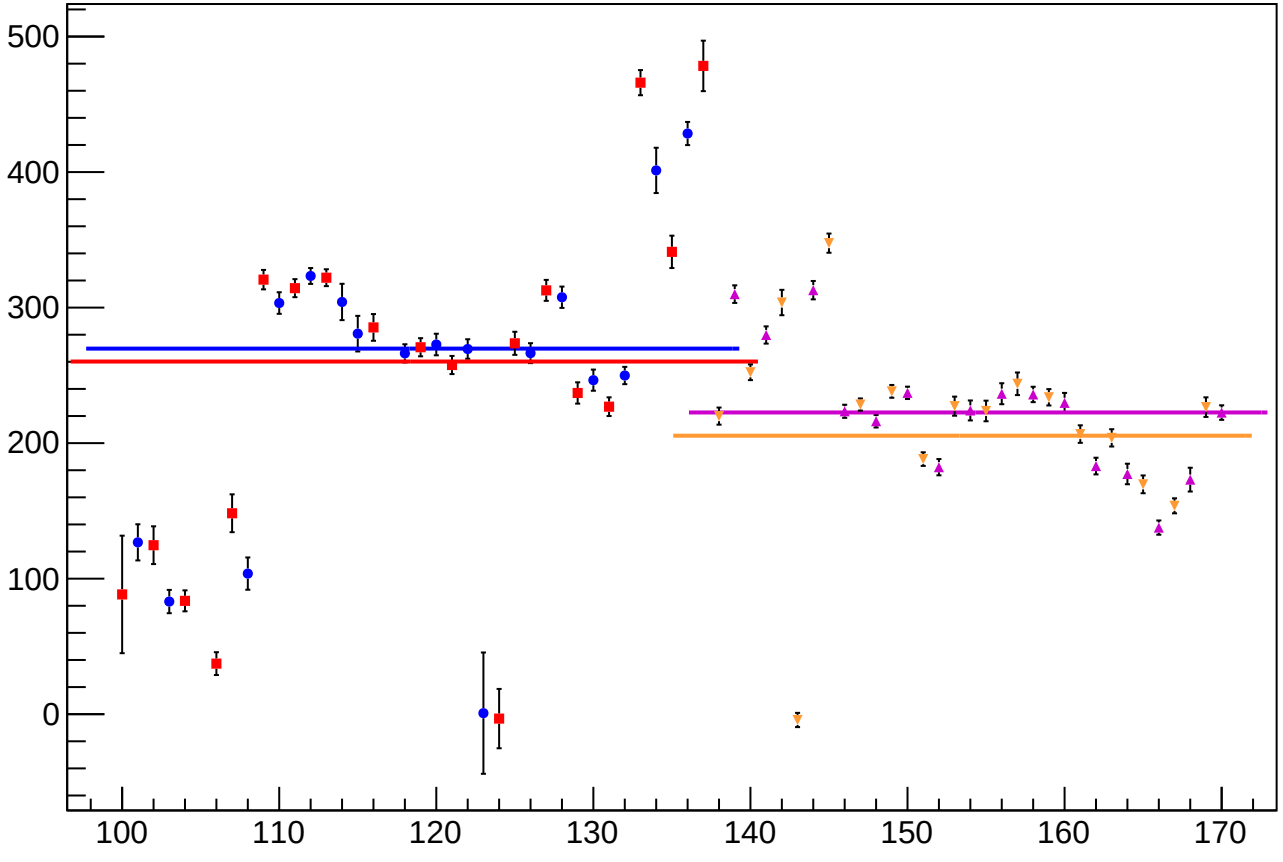
Left In: 9.265+/-1.062 χ^2/NDF:135.1/15

+ sign 7.979+/-0.739 χ^2/NDF: 412.9/33

All: 8.666+/-0.528 χ^2/NDF: 781.3/68

- sign 9.384+/-0.755 χ^2/NDF: 366.6/34

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 205.485+/-1.476 χ^2/NDF:2446.4/16

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

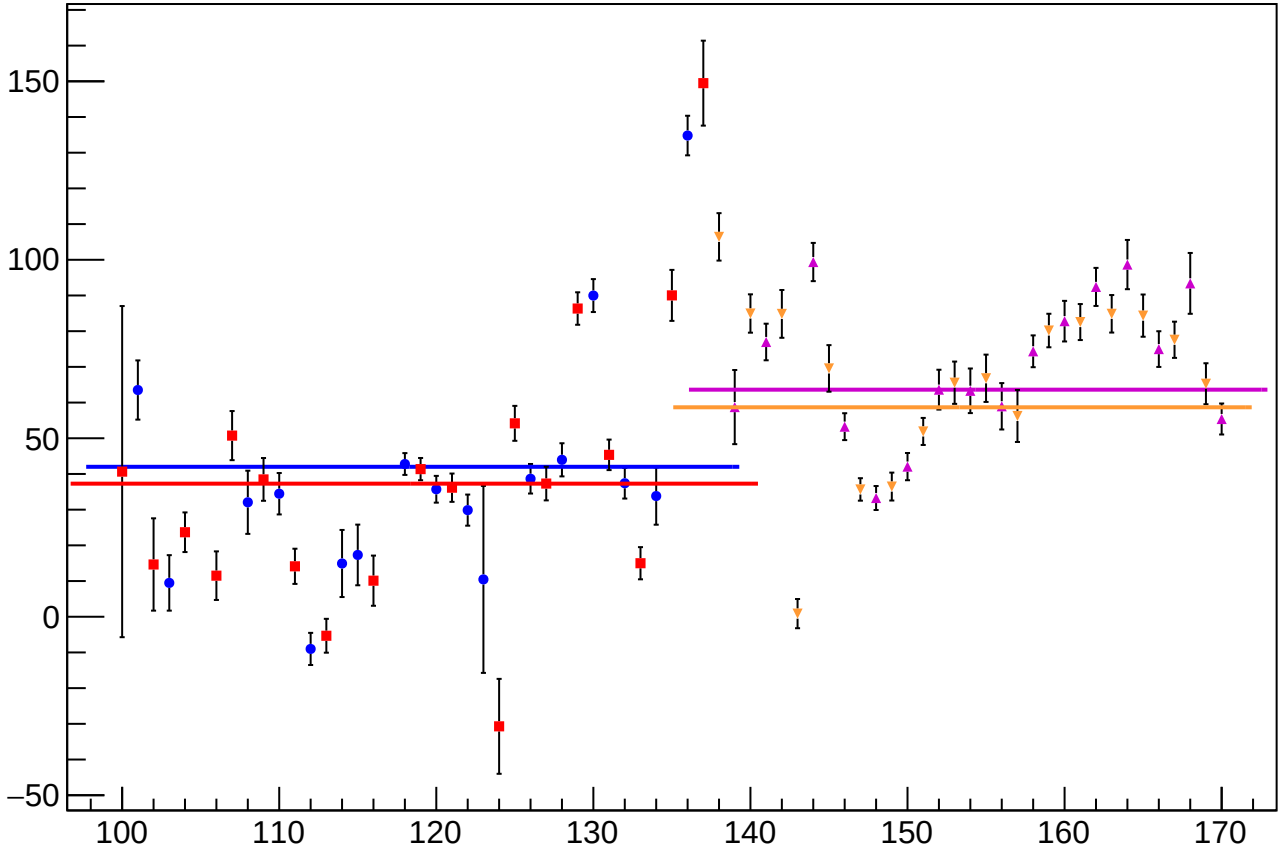
Left In: 222.629+/-1.495 χ^2/NDF:876.8/15

+ sign 227.123+/-1.202 χ^2/NDF: 4458.9/33

All: 231.741+/-0.846 χ^2/NDF: 8136.3/68

- sign 236.286+/-1.192 χ^2/NDF: 3648.2/34

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 58.676+/-1.206 χ^2/NDF:487.4/16

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

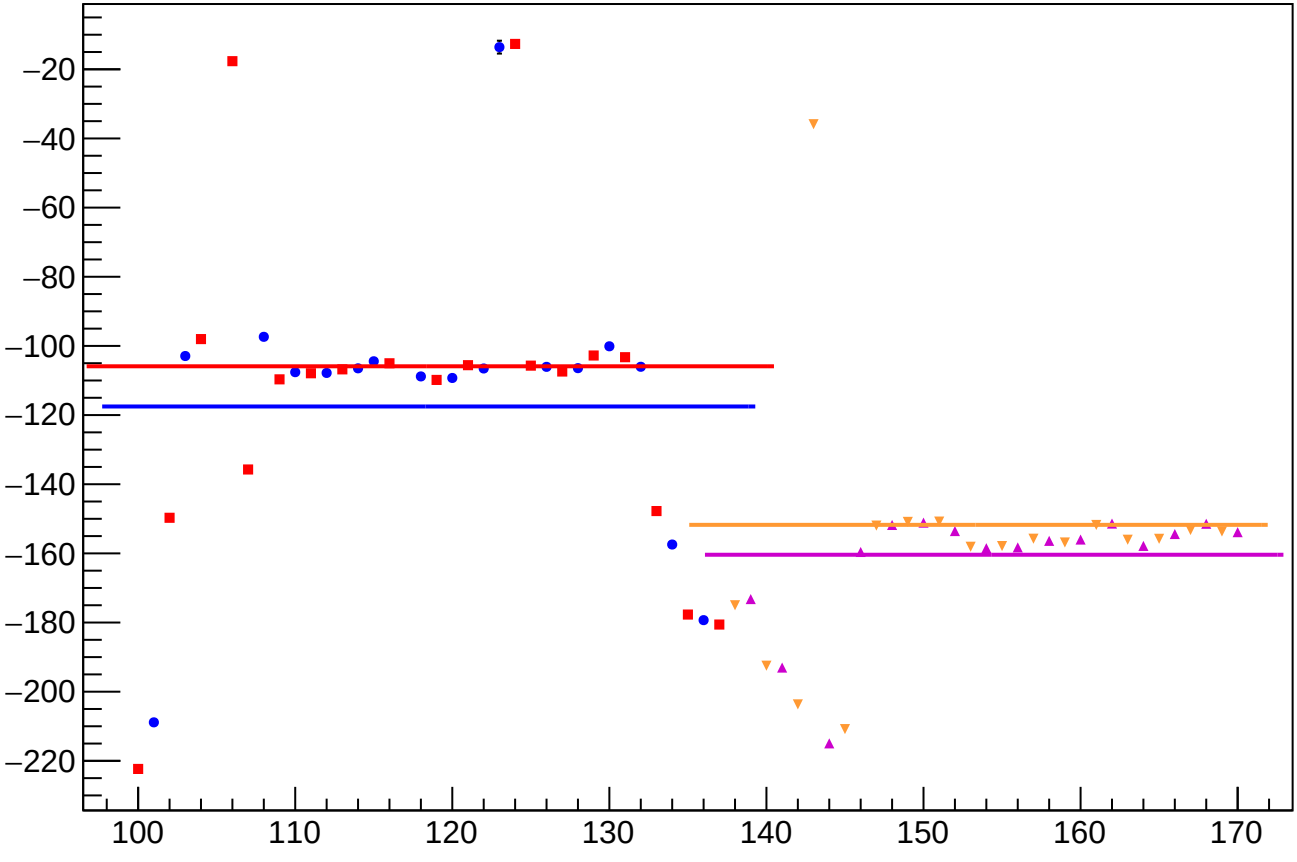
Left In: 63.613+/-1.254 χ^2/NDF:266.4/15

+ sign 50.676+/-0.870 χ^2/NDF: 1154.7/33

All: 50.475+/-0.619 χ^2/NDF: 2117.2/68

- sign 50.269+/-0.881 χ^2/NDF: 962.4/34

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -151.747+/-0.059 χ^2/NDF:403988.4/16

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

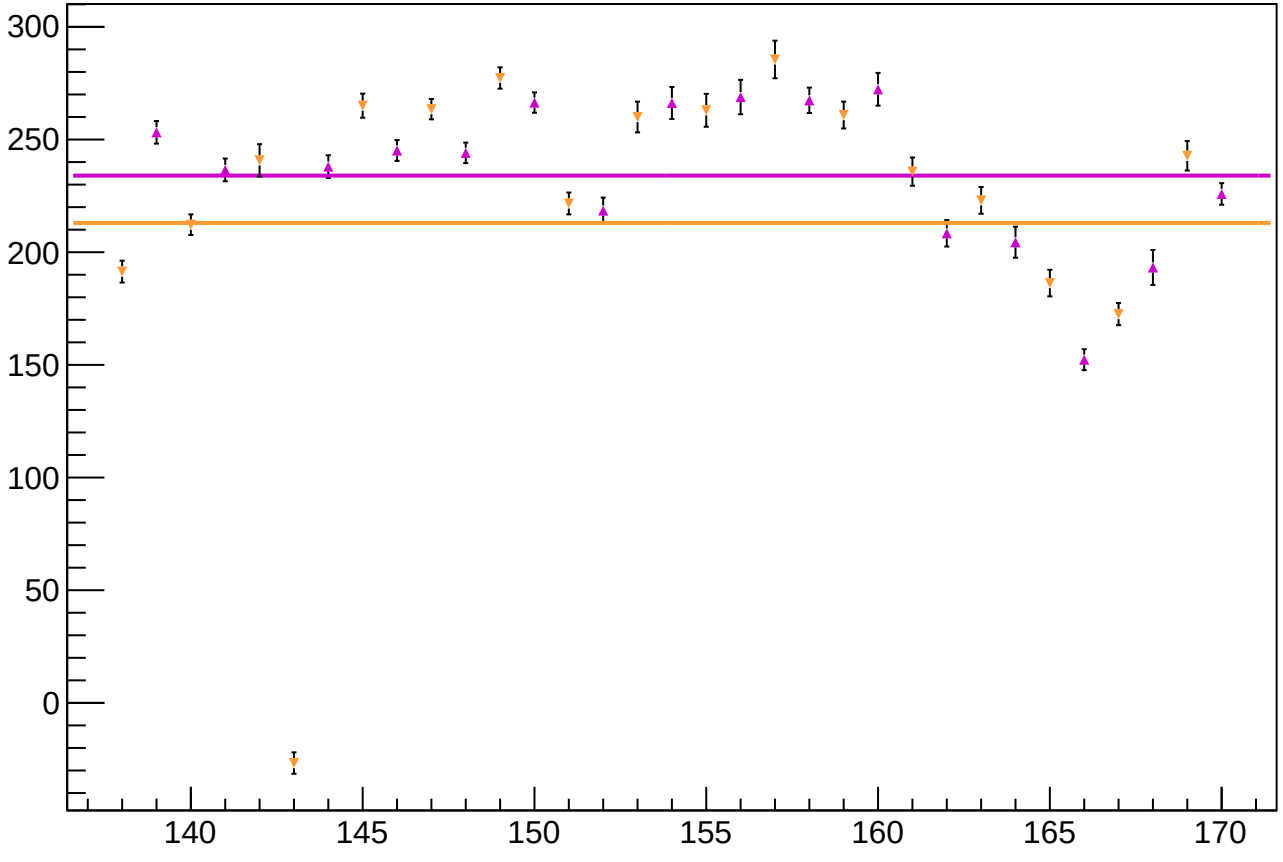
Left In: -160.396+/-0.059 χ^2/NDF:62675.1/15

+ sign -139.231+/-0.047 χ^2/NDF: 668176.9/33

All: -138.899+/-0.033 χ^2/NDF: 1391446.5/68

- sign -138.582+/-0.046 χ^2/NDF: 723173.0/34

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 212.982+/-1.341 χ^2/NDF:3345.7/16

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

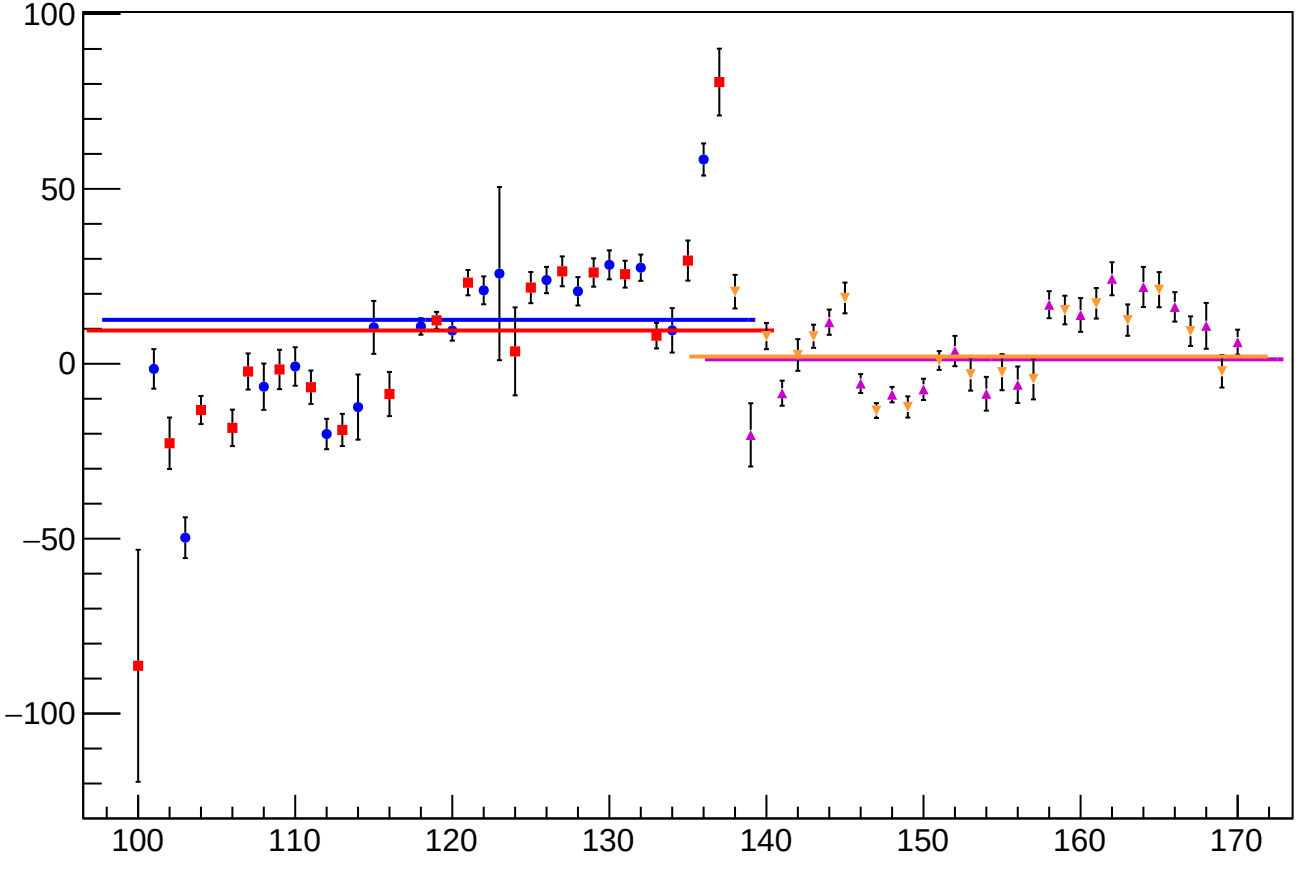
Left In: 233.996+/-1.365 χ^2/NDF:566.8/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 223.304+/-0.957 χ^2/NDF: 4033.1/32

- 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: 2.072+/-0.916 χ^2/NDF:159.7/16

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

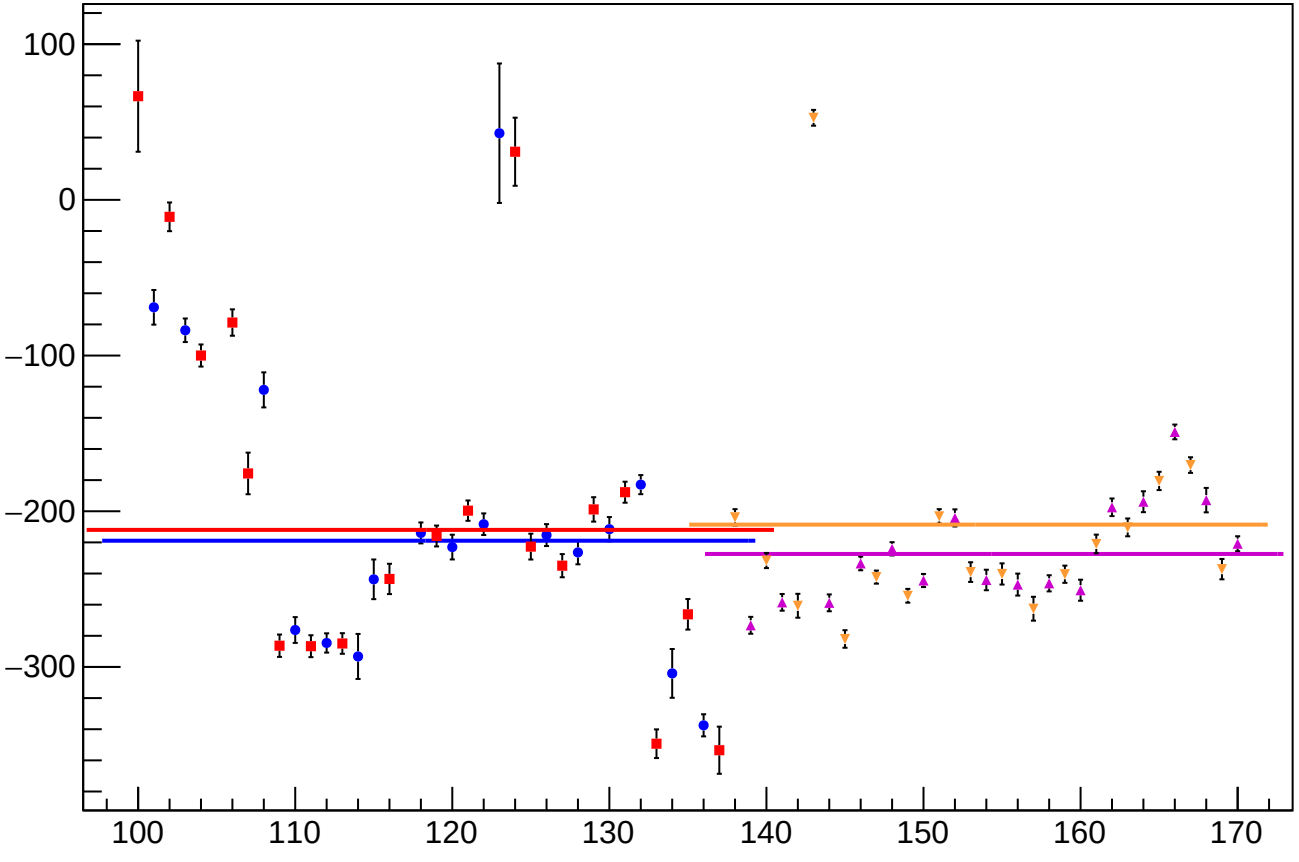
Left In: 1.268+/-0.956 χ^2/NDF:140.3/15

+ sign 6.580+/-0.692 χ^2/NDF: 563.8/33

All: 5.811+/-0.495 χ^2/NDF: 1036.6/68

- sign 5.007+/-0.707 χ^2/NDF: 470.3/34

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -208.590+/-1.328 χ^2/NDF:3294.3/16

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

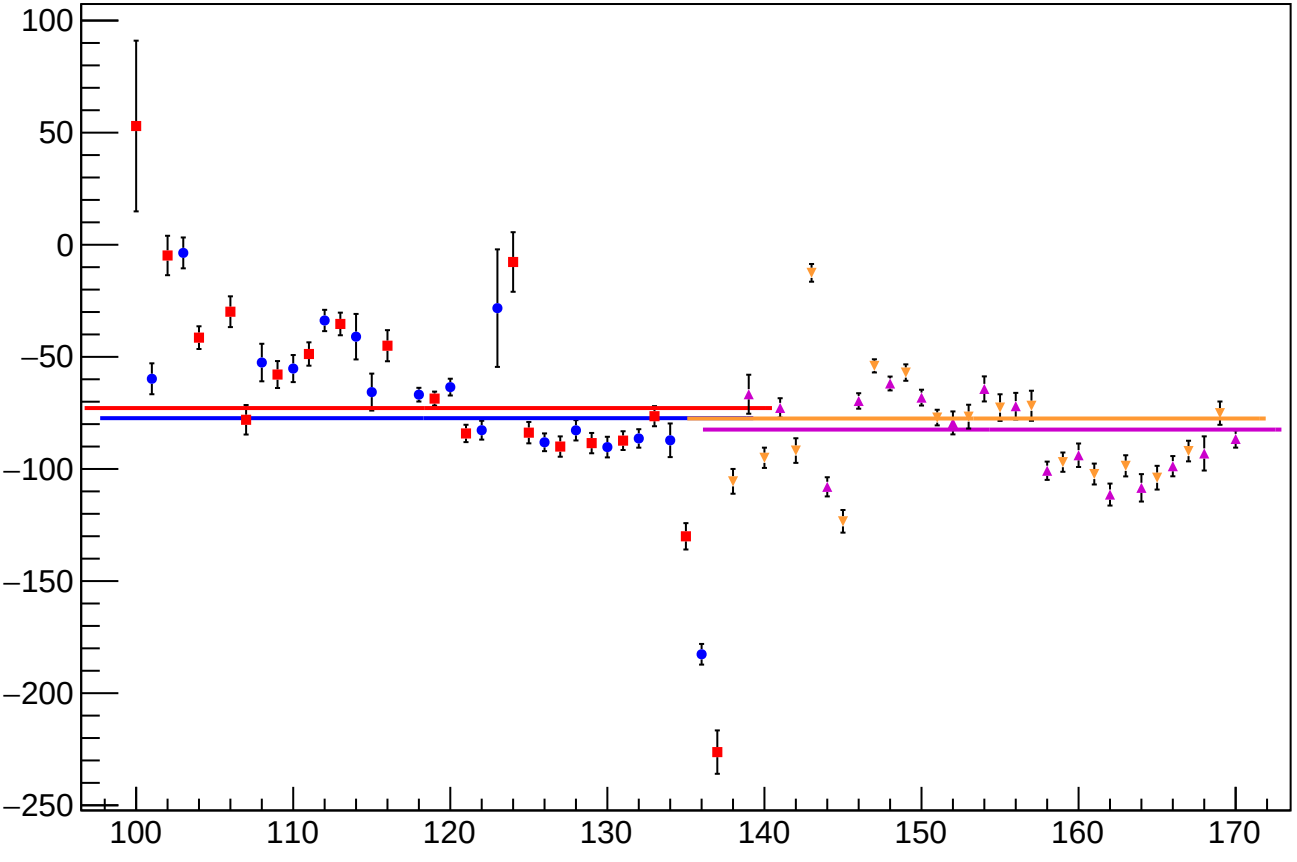
Left In: -227.431+/-1.339 χ^2/NDF:562.7/15

+ sign -211.739+/-1.107 χ^2/NDF: 4459.4/33

All: -217.104+/-0.780 χ^2/NDF: 6998.4/68

- sign -222.388+/-1.099 χ^2/NDF: 2492.4/34

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -77.491+/-1.090 χ^2/NDF:600.5/16

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

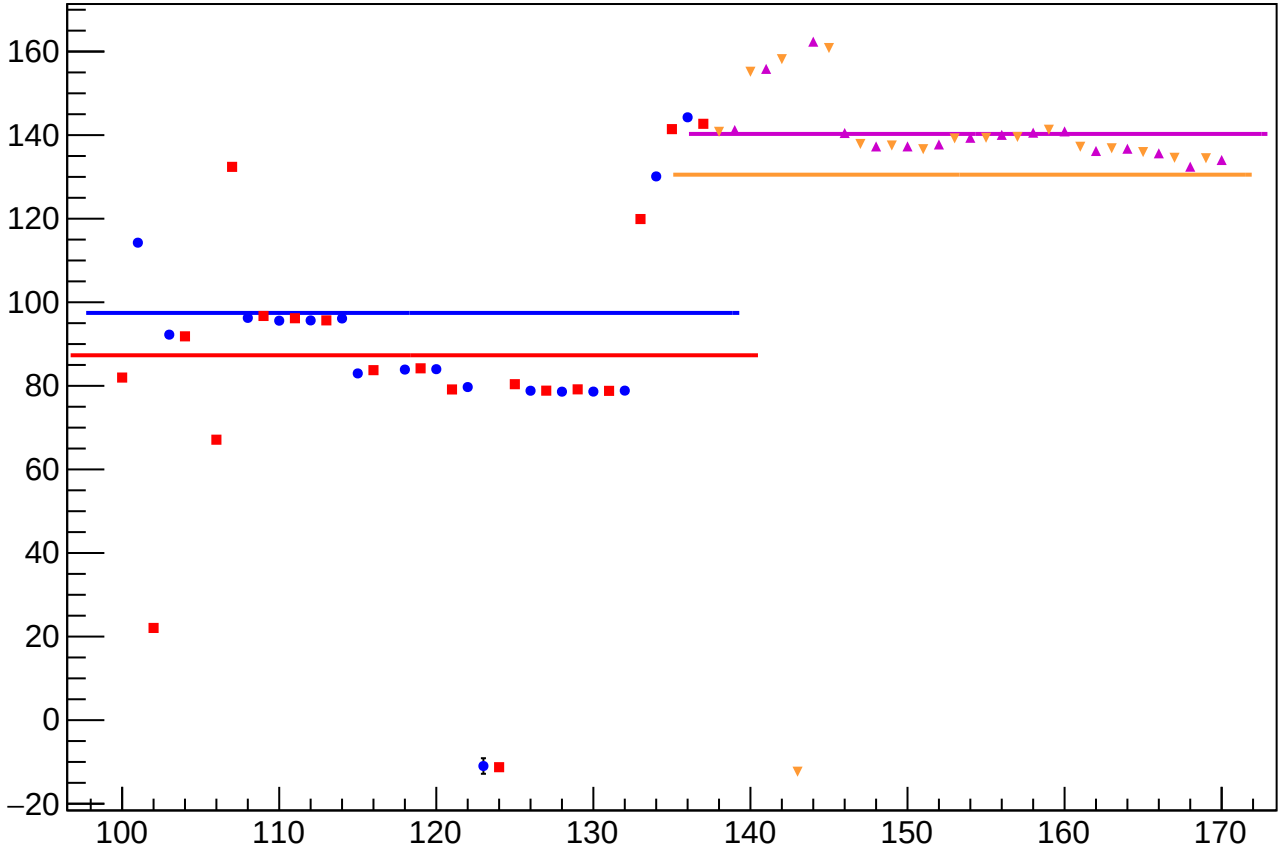
Left In: -82.433+/-1.127 χ^2/NDF:226.4/15

+ sign -77.425+/-0.813 χ^2/NDF: 1417.7/33

All: -77.693+/-0.579 χ^2/NDF: 2351.0/68

- sign -77.968+/-0.824 χ^2/NDF: 933.0/34

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 130.533+/-0.053 χ^2/NDF:550879.7/16

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

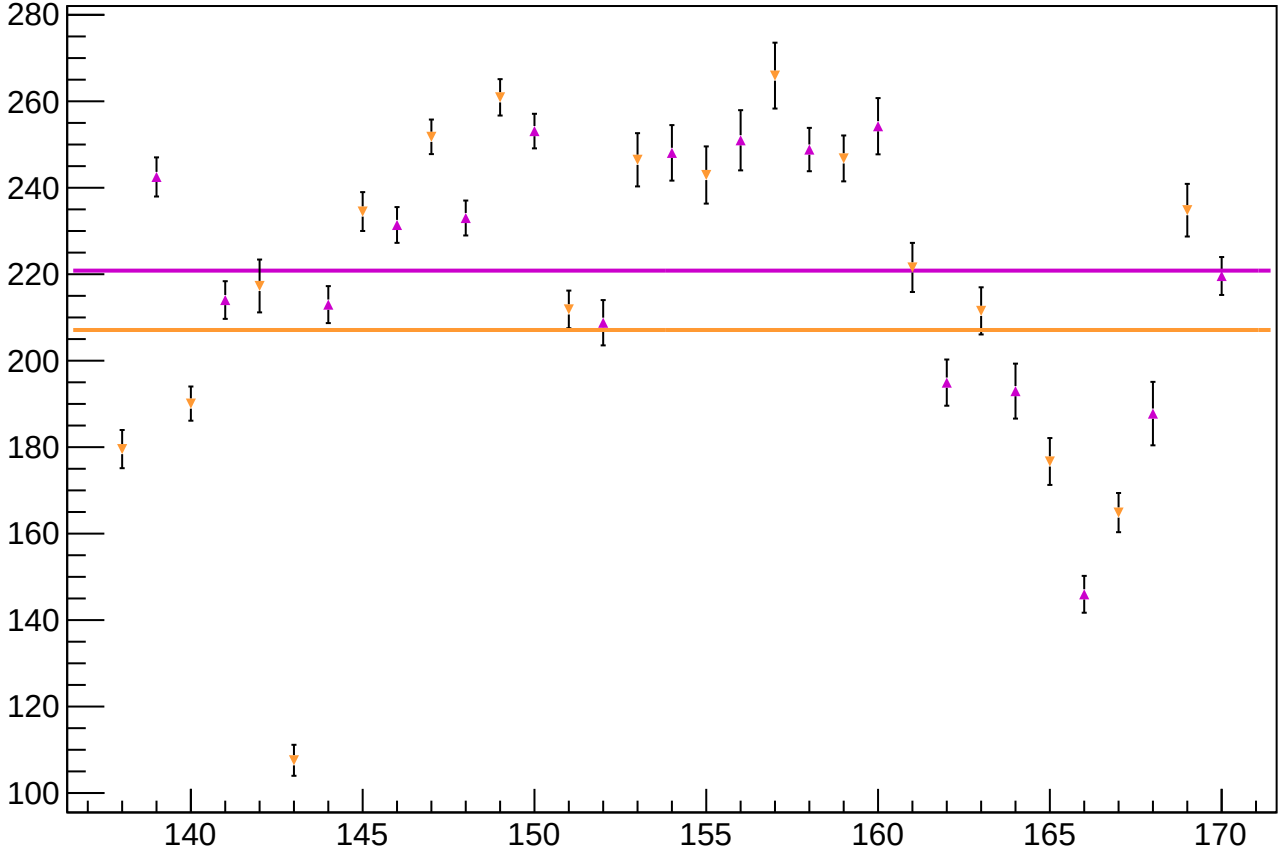
Left In: 140.283+/-0.053 χ^2/NDF:17525.4/15

+ sign 119.105+/-0.043 χ^2/NDF: 778803.6/33

All: 119.689+/-0.030 χ^2/NDF: 1393069.4/68

- sign 120.243+/-0.042 χ^2/NDF: 613907.6/34

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: 207.102+/-1.181 χ^2/NDF:1489.8/16

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

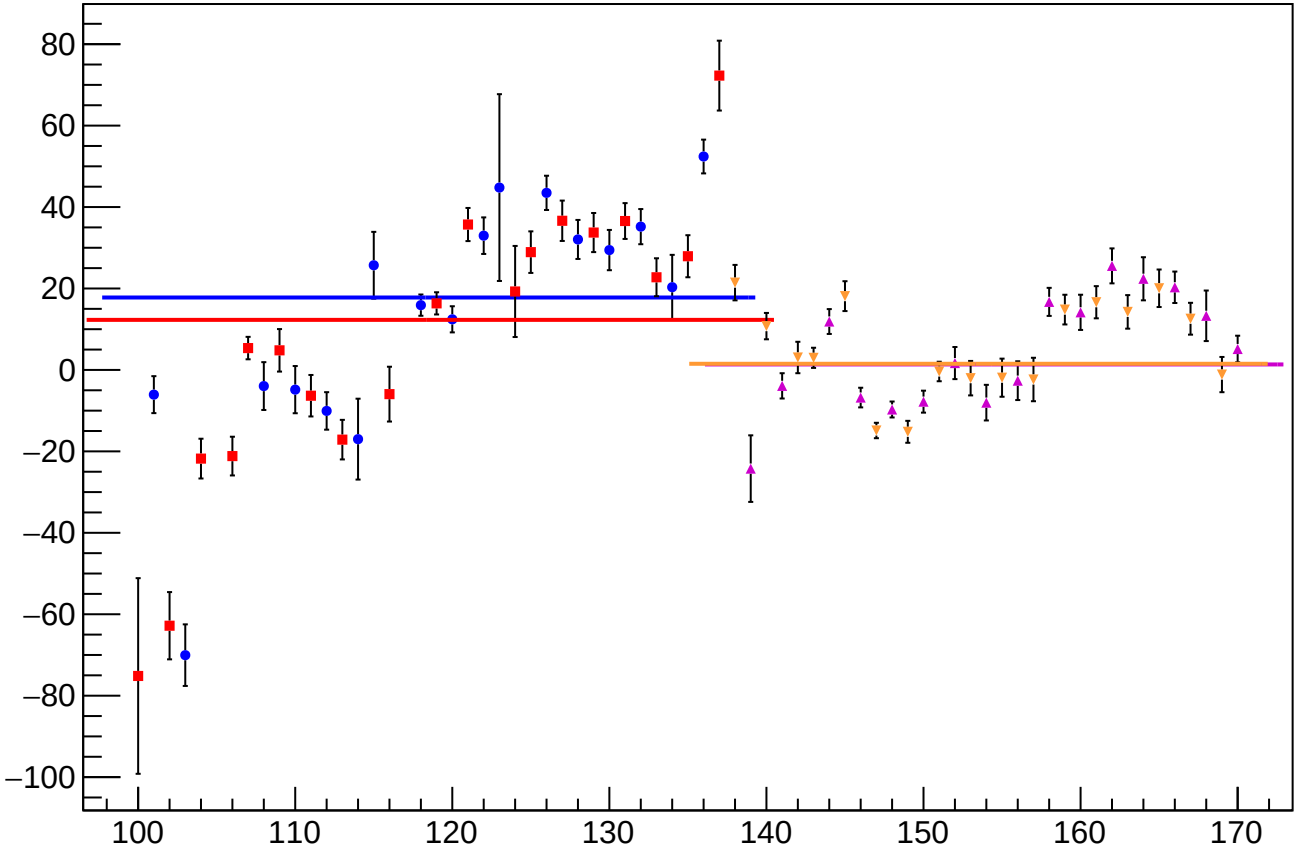
Left In: 220.834+/-1.223 χ^2/NDF:580.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 213.725+/-0.850 χ^2/NDF: 2135.6/32

- 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: 1.509+/-0.805 χ^2/NDF:227.9/16

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

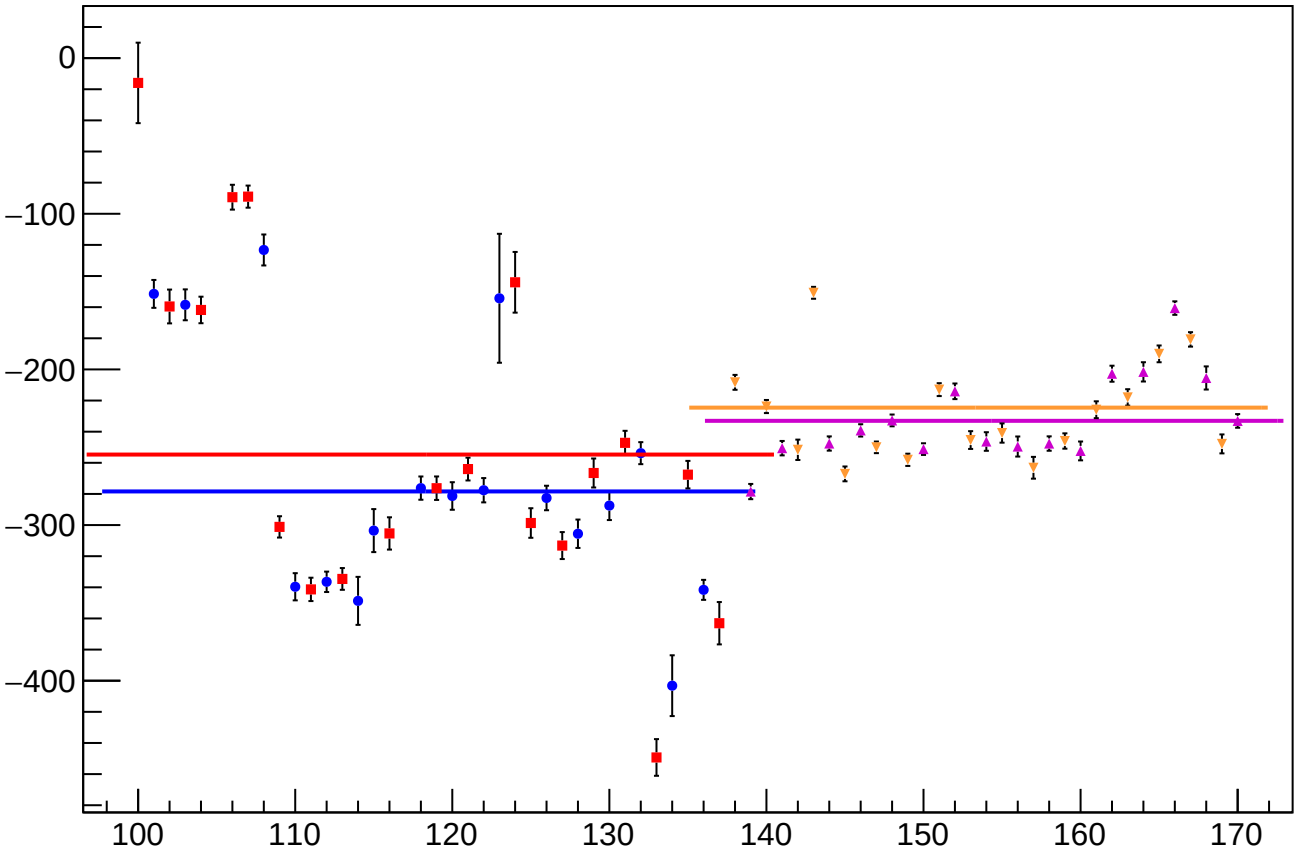
Left In: 1.347+/-0.854 χ^2/NDF:190.1/15

+ sign 6.883+/-0.659 χ^2/NDF: 758.1/33

All: 6.219+/-0.470 χ^2/NDF: 1456.7/68

- sign 5.530+/-0.671 χ^2/NDF: 696.6/34

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: -224.548+/-1.173 χ^2/NDF:823.8/16

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

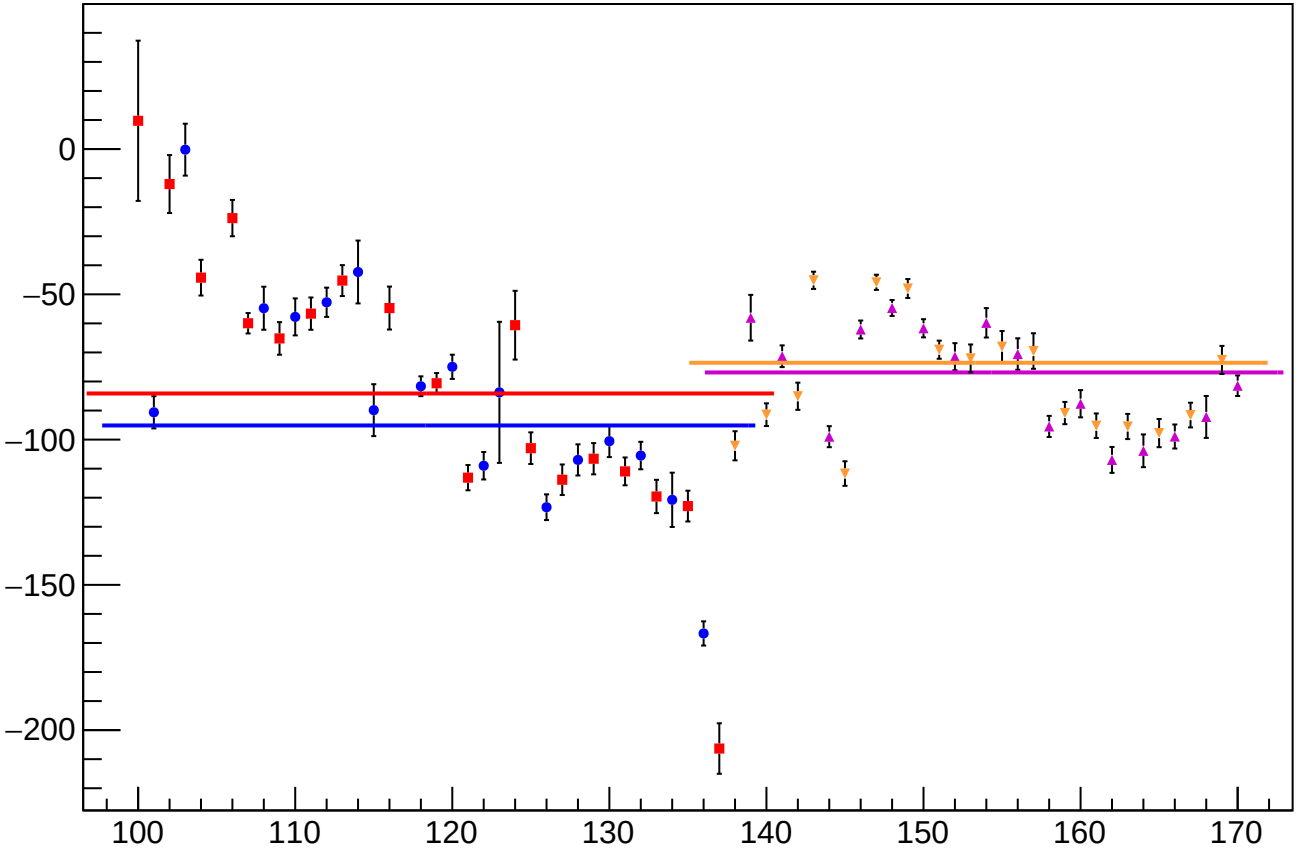
Left In: -233.031+/-1.201 χ^2/NDF:535.0/15

+ sign -236.741+/-1.031 χ^2/NDF: 2211.6/33

All: -237.714+/-0.730 χ^2/NDF: 4871.9/68

- sign -238.688+/-1.032 χ^2/NDF: 2658.5/34

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: -73.557+/-0.959 χ^2/NDF:525.3/16

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

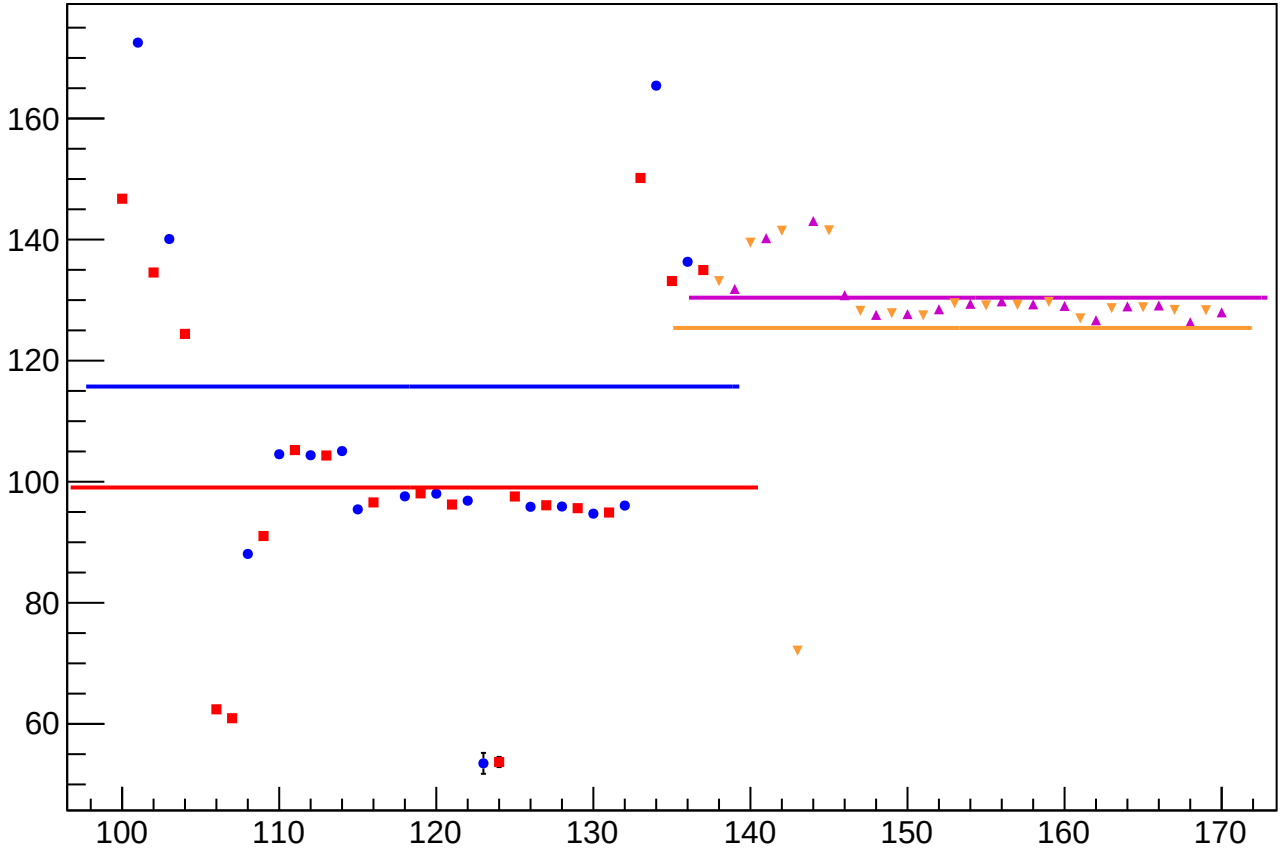
Left In: -76.883+/-1.008 χ^2/NDF:305.9/15

+ sign -80.996+/-0.776 χ^2/NDF: 1374.6/33

All: -80.363+/-0.553 χ^2/NDF: 2484.9/68

- sign -79.713+/-0.787 χ^2/NDF: 1109.0/34

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: 125.402+/-0.047 χ^2/NDF:142500.5/16

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

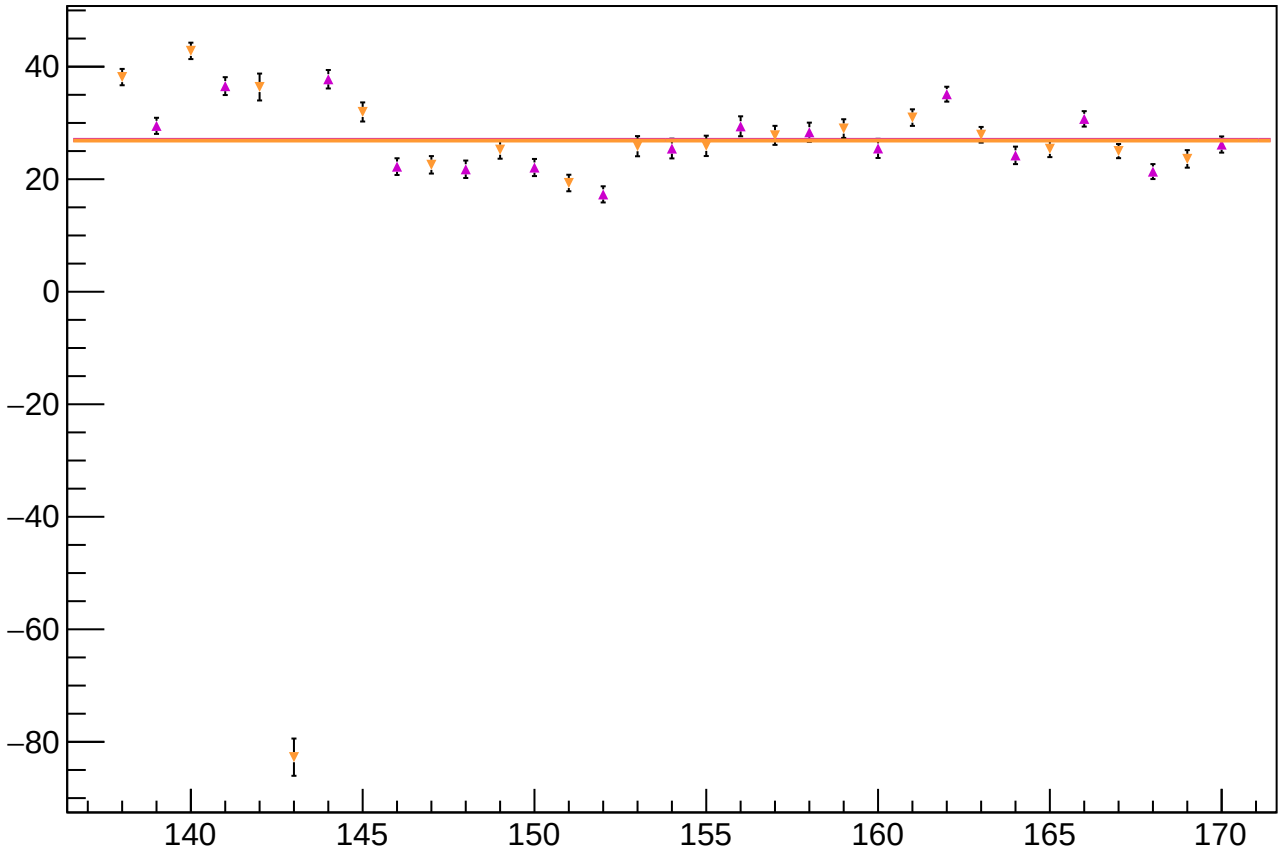
Left In: 130.402+/-0.048 χ^2/NDF:8488.4/15

+ sign 122.816+/-0.040 χ^2/NDF: 260175.9/33

All: 121.435+/-0.028 χ^2/NDF: 585245.2/68

- sign 120.129+/-0.039 χ^2/NDF: 322787.1/34

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: 26.880+/-0.388 χ^2/NDF:1353.9/16

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

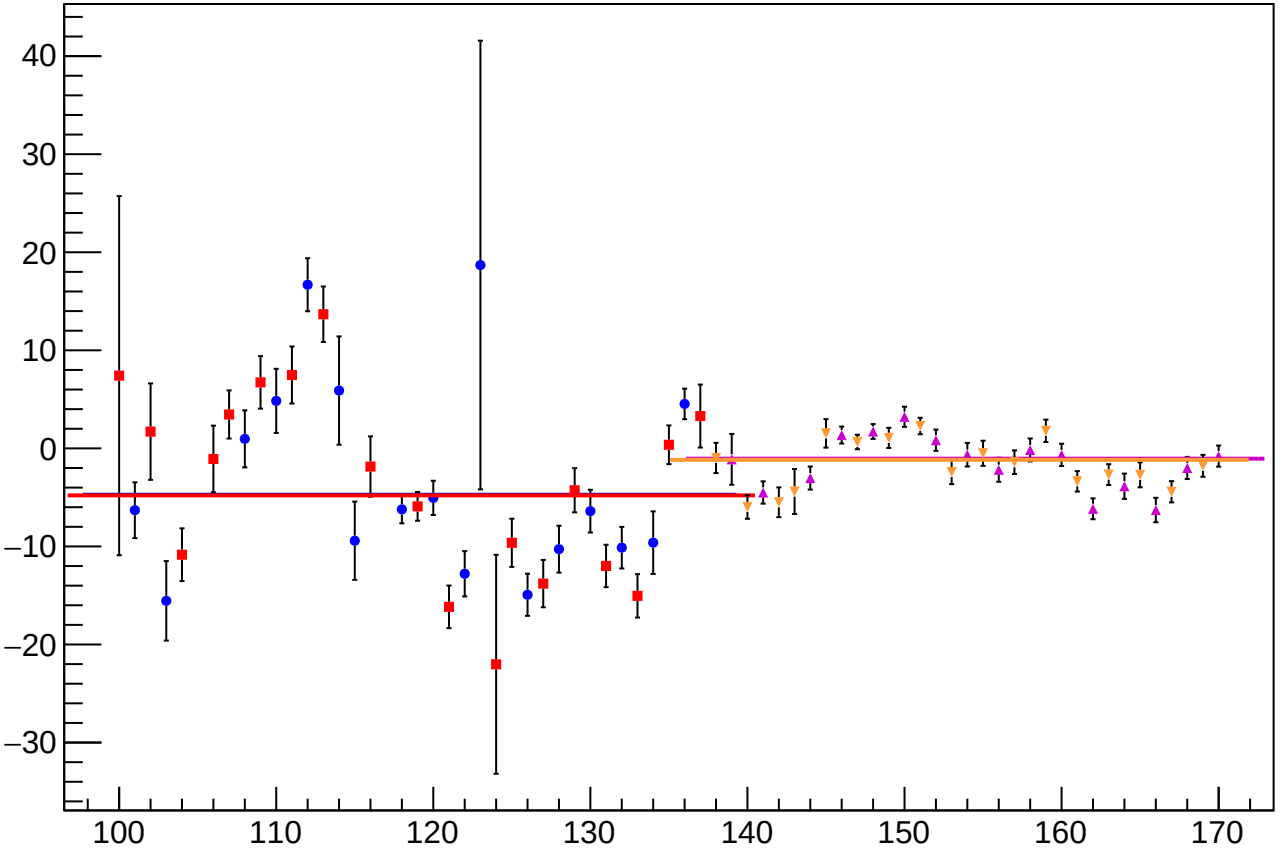
Left In: 26.985+/-0.380 χ^2/NDF:230.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 26.934+/-0.272 χ^2/NDF: 1584.1/32

- 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: -1.168+/-0.275 χ^2/NDF:82.5/16

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

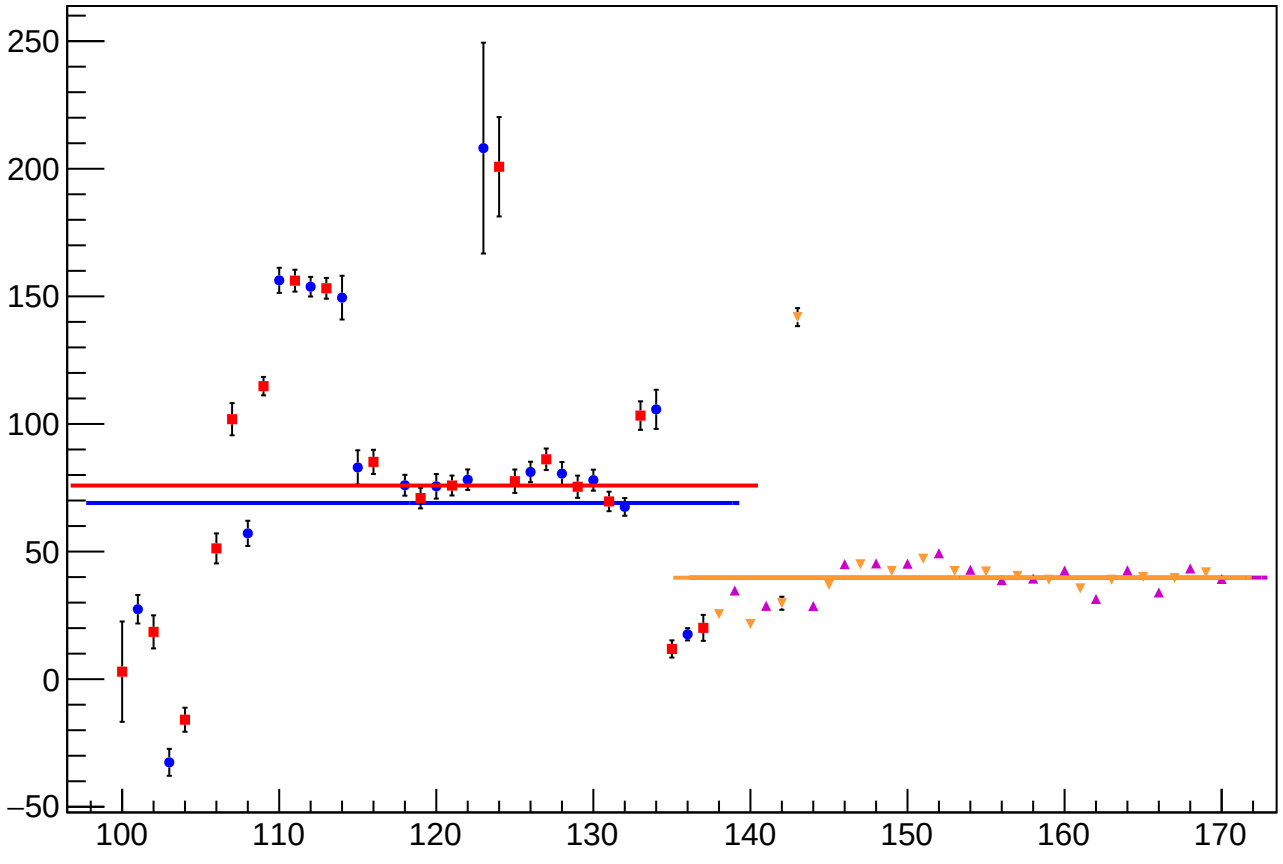
Left In: -1.052+/-0.276 χ^2/NDF:101.3/15

+ sign -1.824+/-0.249 χ^2/NDF: 288.1/33

All: -1.777+/-0.176 χ^2/NDF: 616.4/68

- sign -1.731+/-0.249 χ^2/NDF: 328.2/34

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: 39.762+/-0.381 χ^2/NDF:1131.4/16

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

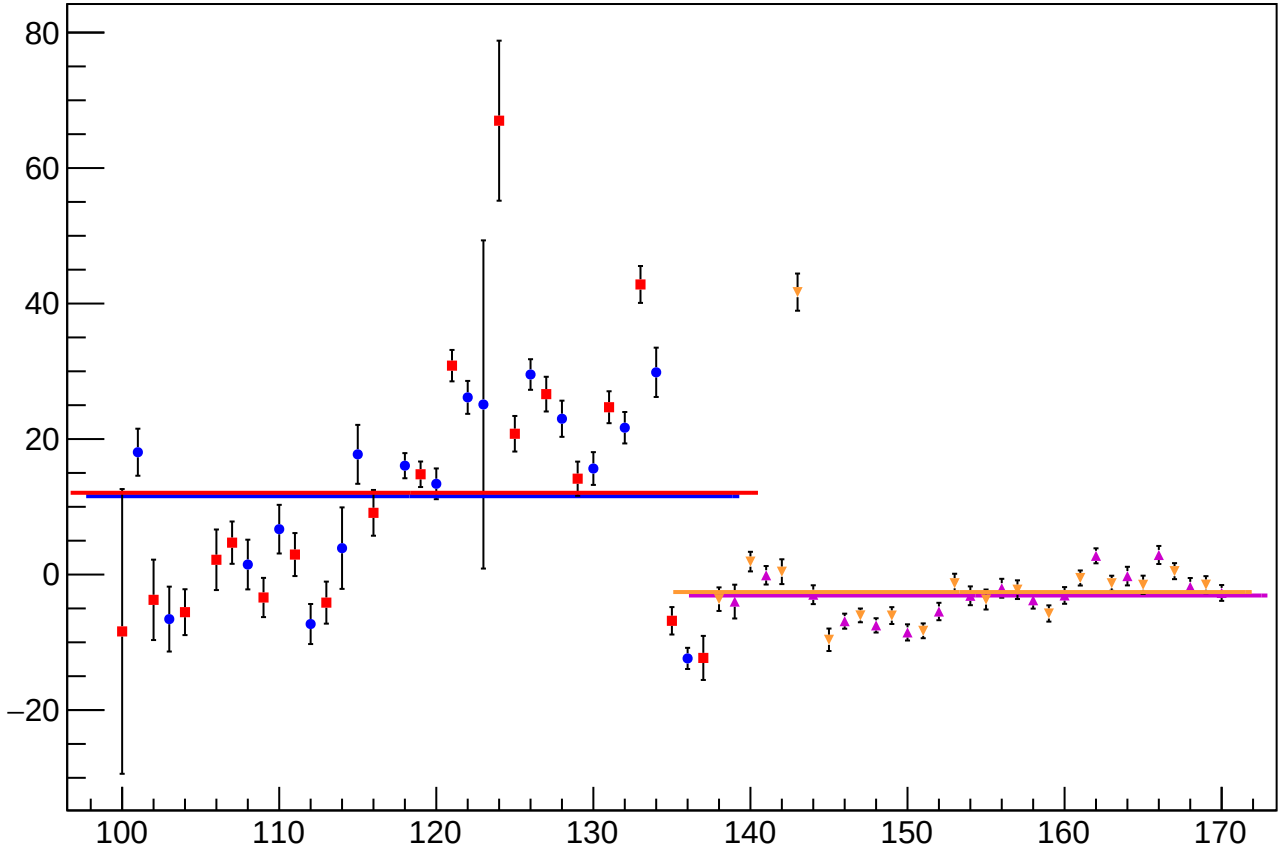
Left In: 39.800+/-0.372 χ^2/NDF:263.2/15

+ sign 43.027+/-0.359 χ^2/NDF: 3636.7/33

All: 43.368+/-0.251 χ^2/NDF: 6811.8/68

- sign 43.695+/-0.351 χ^2/NDF: 3173.4/34

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: -2.580+/-0.320 χ^2/NDF:359.4/16

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

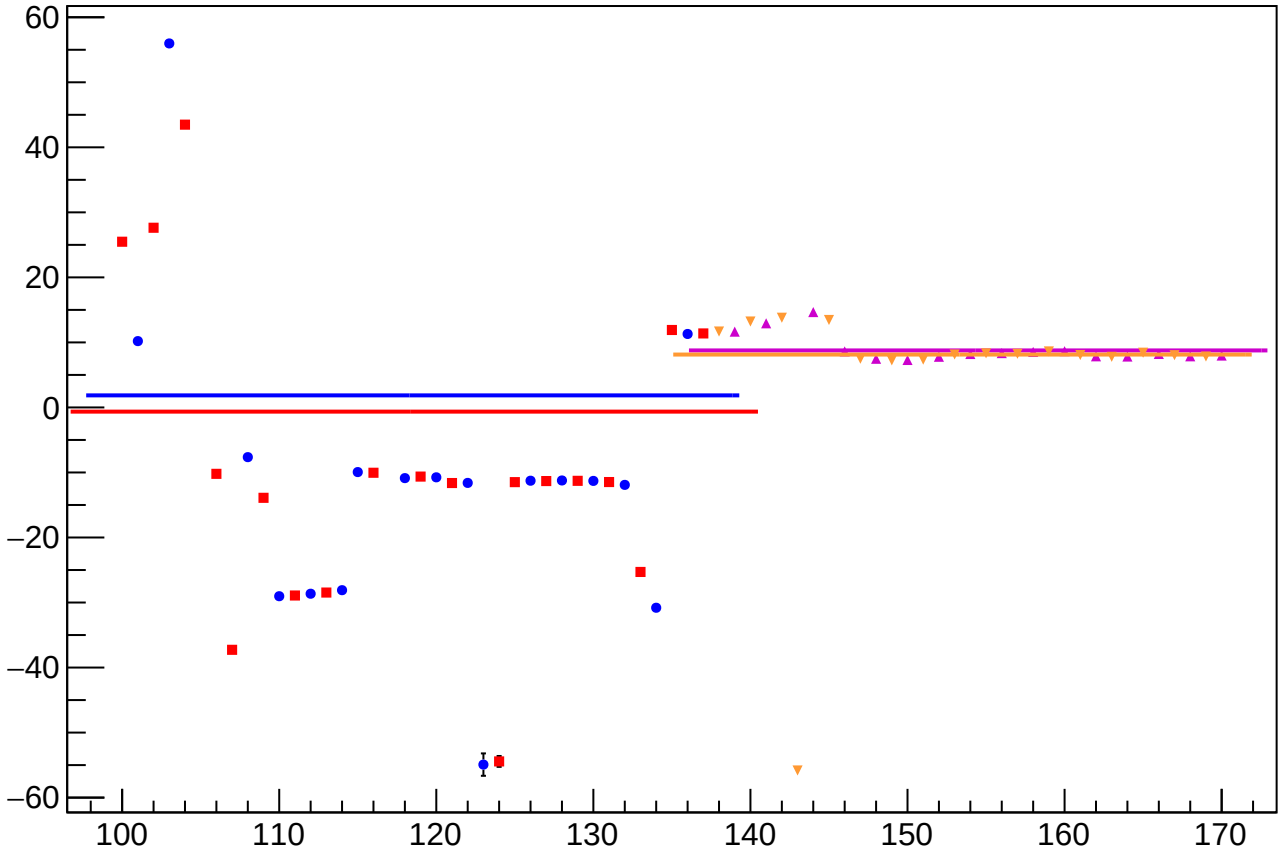
Left In: -3.092+/-0.319 χ^2/NDF:112.7/15

+ sign 0.124+/-0.288 χ^2/NDF: 1211.1/33

All: -0.061+/-0.204 χ^2/NDF: 2290.8/68

- sign -0.246+/-0.288 χ^2/NDF: 1078.9/34

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: 8.132+/-0.015 χ^2/NDF:222614.7/16

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

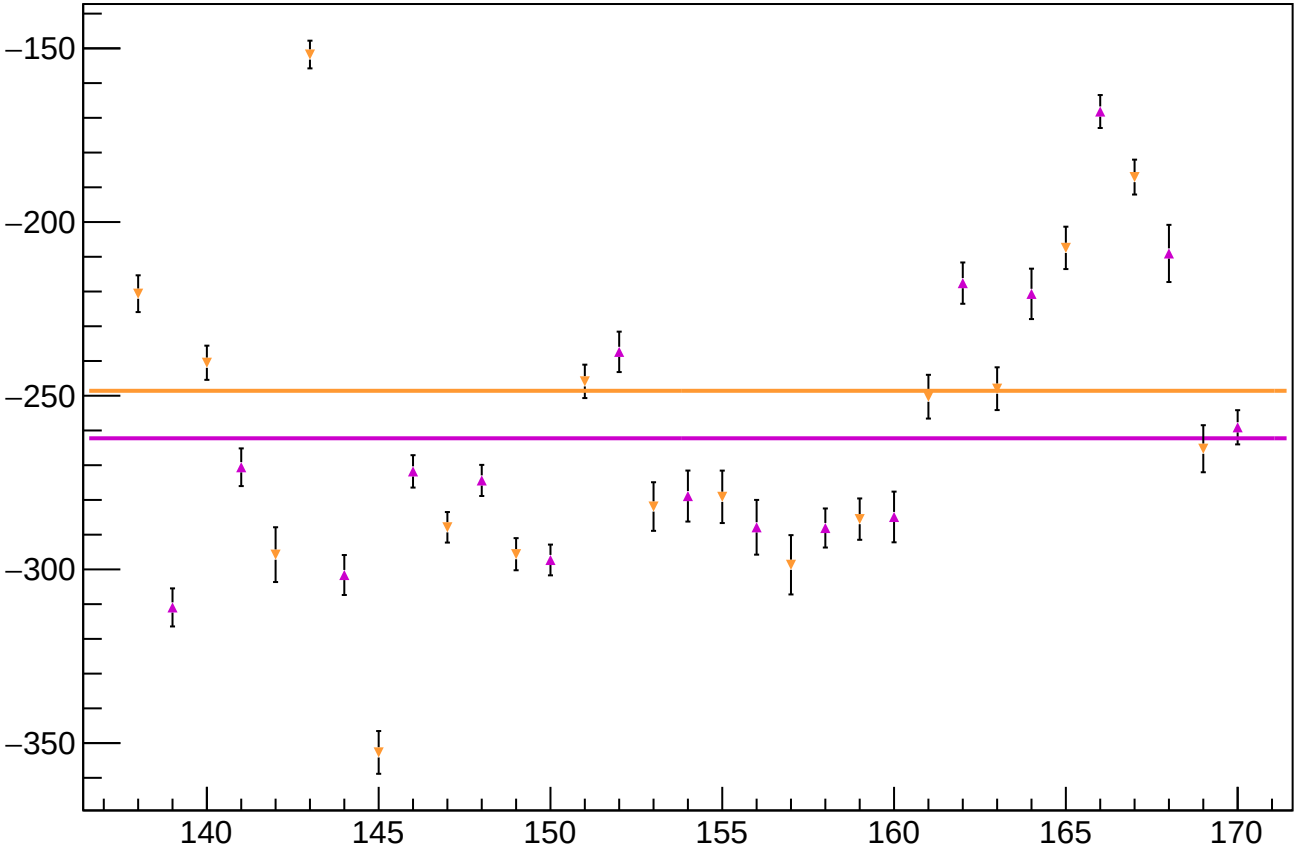
Left In: 8.767+/-0.015 χ^2/NDF:15109.0/15

+ sign 7.252+/-0.014 χ^2/NDF: 606774.6/33

All: 7.383+/-0.010 χ^2/NDF: 1039571.5/68

- sign 7.508+/-0.014 χ^2/NDF: 432621.7/34

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: -248.580+/-1.356 χ^2/NDF:1438.6/16

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

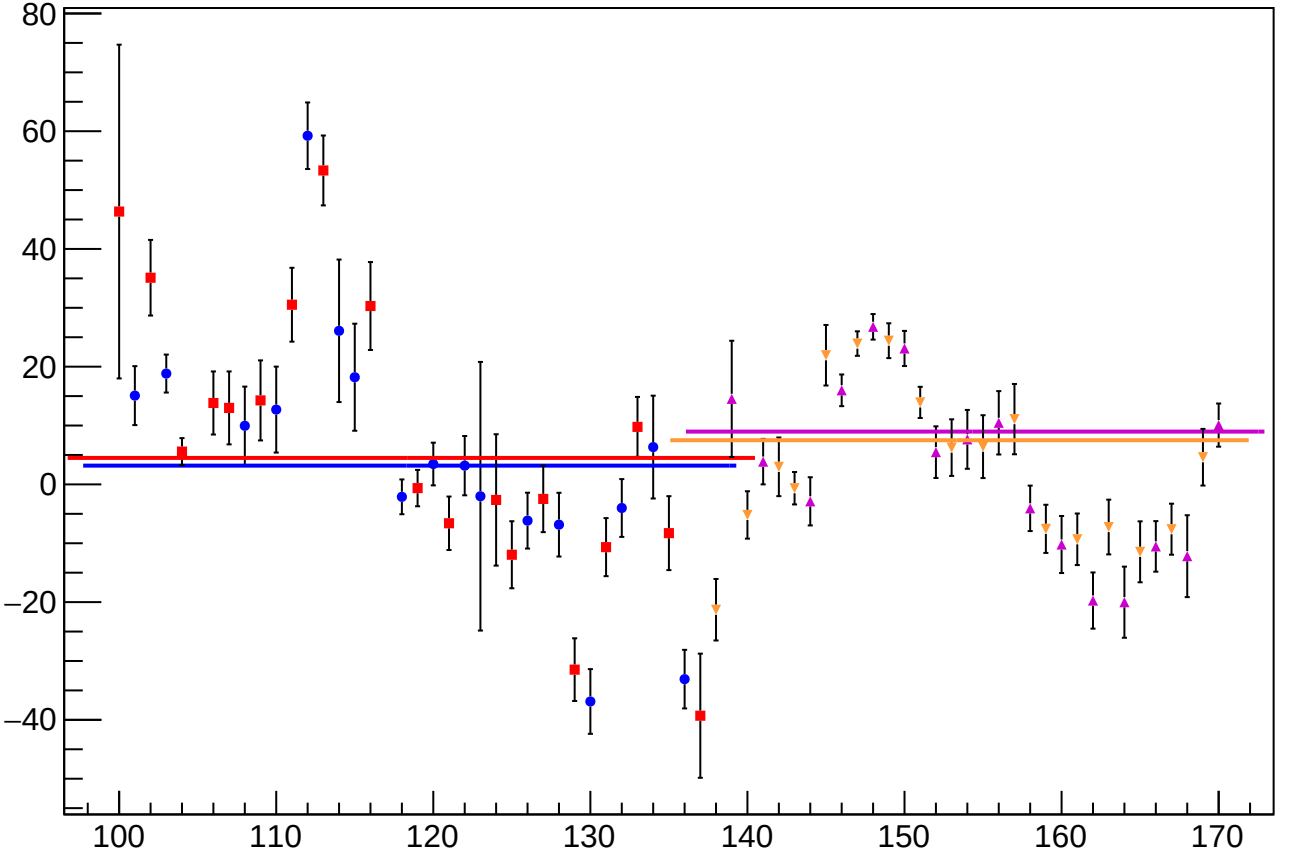
Left In: -262.252+/-1.405 χ^2/NDF:791.9/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -255.174+/-0.976 χ^2/NDF: 2279.5/32

- 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: 7.502+/-0.915 χ^2/NDF:223.3/16

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

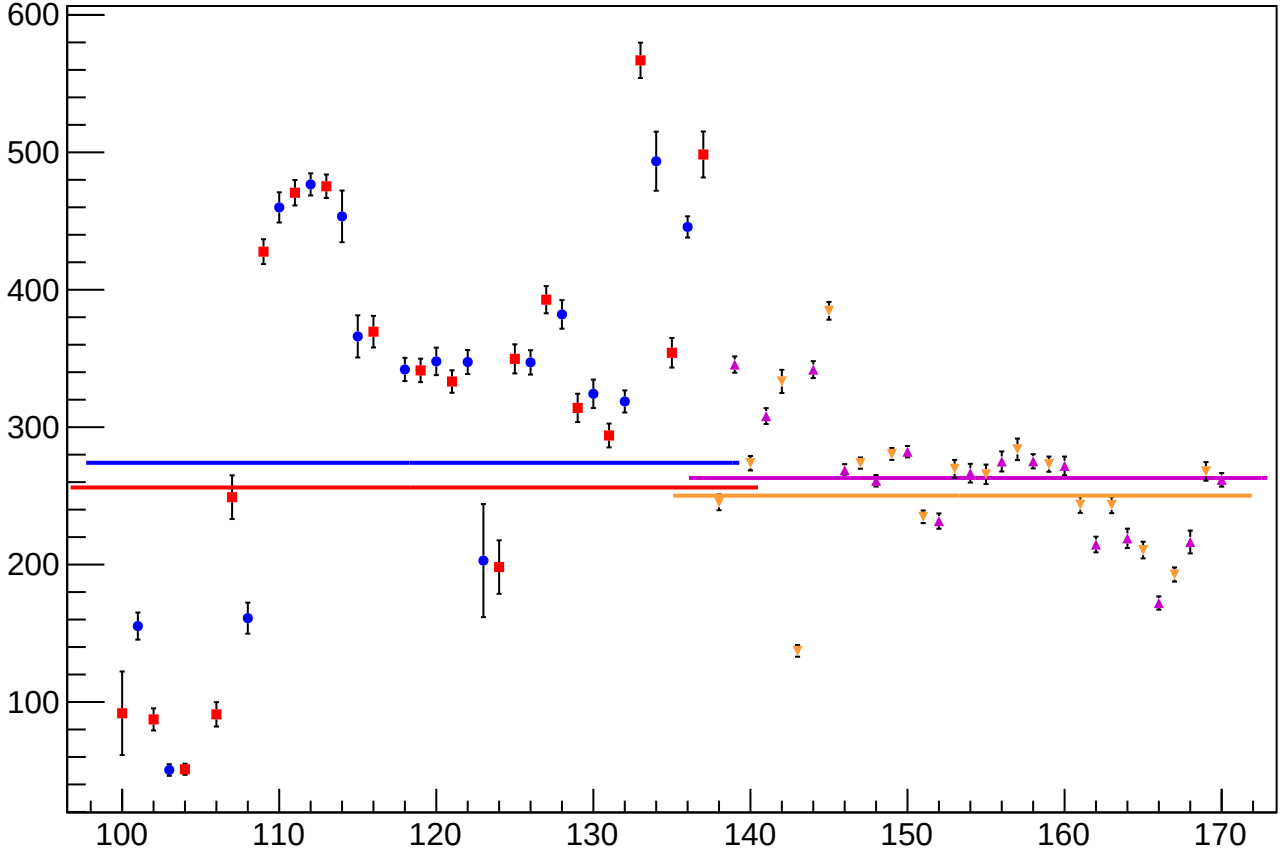
Left In: 8.970+/-0.973 χ^2/NDF:223.8/15

+ sign 5.958+/-0.733 χ^2/NDF: 486.9/33

All: 6.530+/-0.523 χ^2/NDF: 946.1/68

- sign 7.122+/-0.745 χ^2/NDF: 458.0/34

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: 250.186+/-1.341 χ^2/NDF:1575.7/16

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

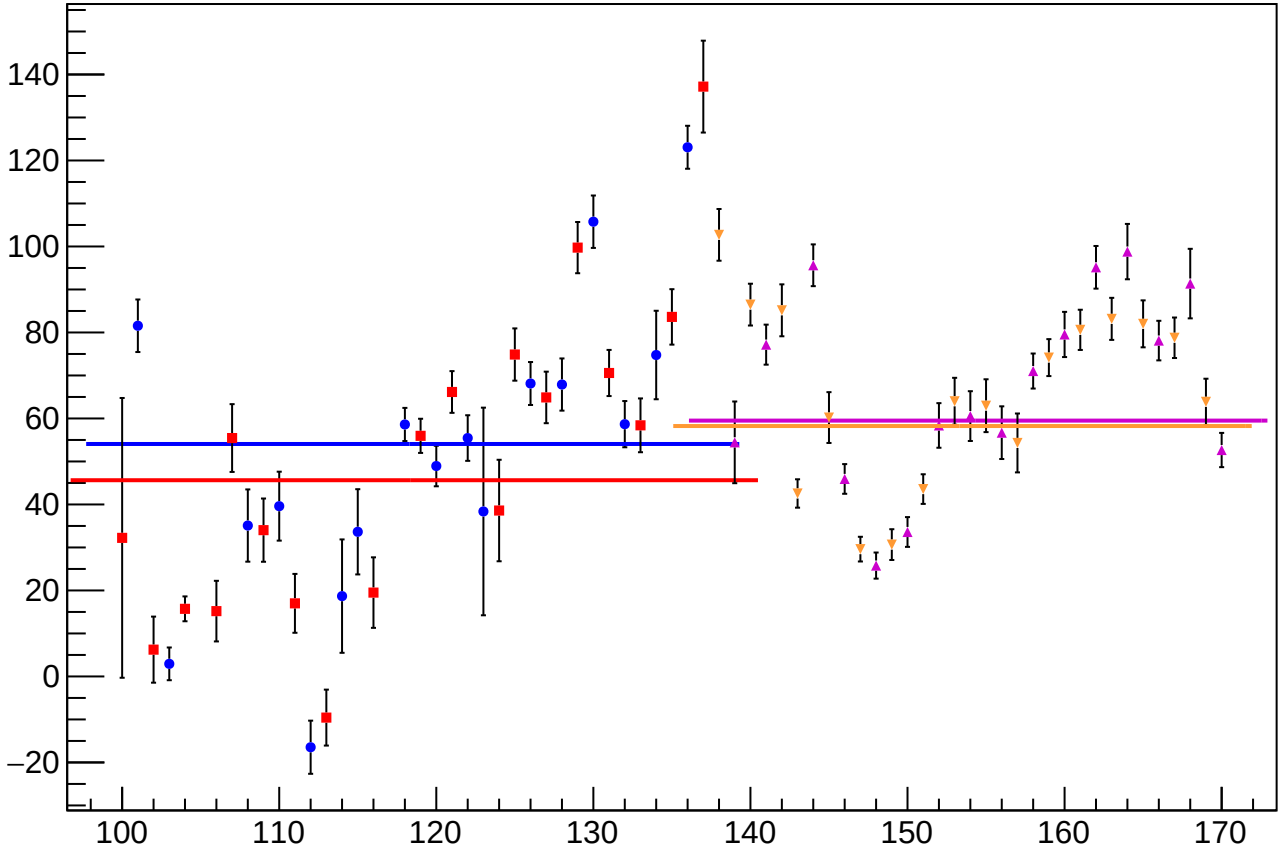
Left In: 263.041+/-1.373 χ^2/NDF:980.0/15

+ sign 256.695+/-1.144 χ^2/NDF: 6774.2/33

All: 258.812+/-0.809 χ^2/NDF: 14212.9/68

- sign 260.938+/-1.146 χ^2/NDF: 7431.8/34

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: 58.239+/-1.093 χ^2/NDF:411.5/16

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

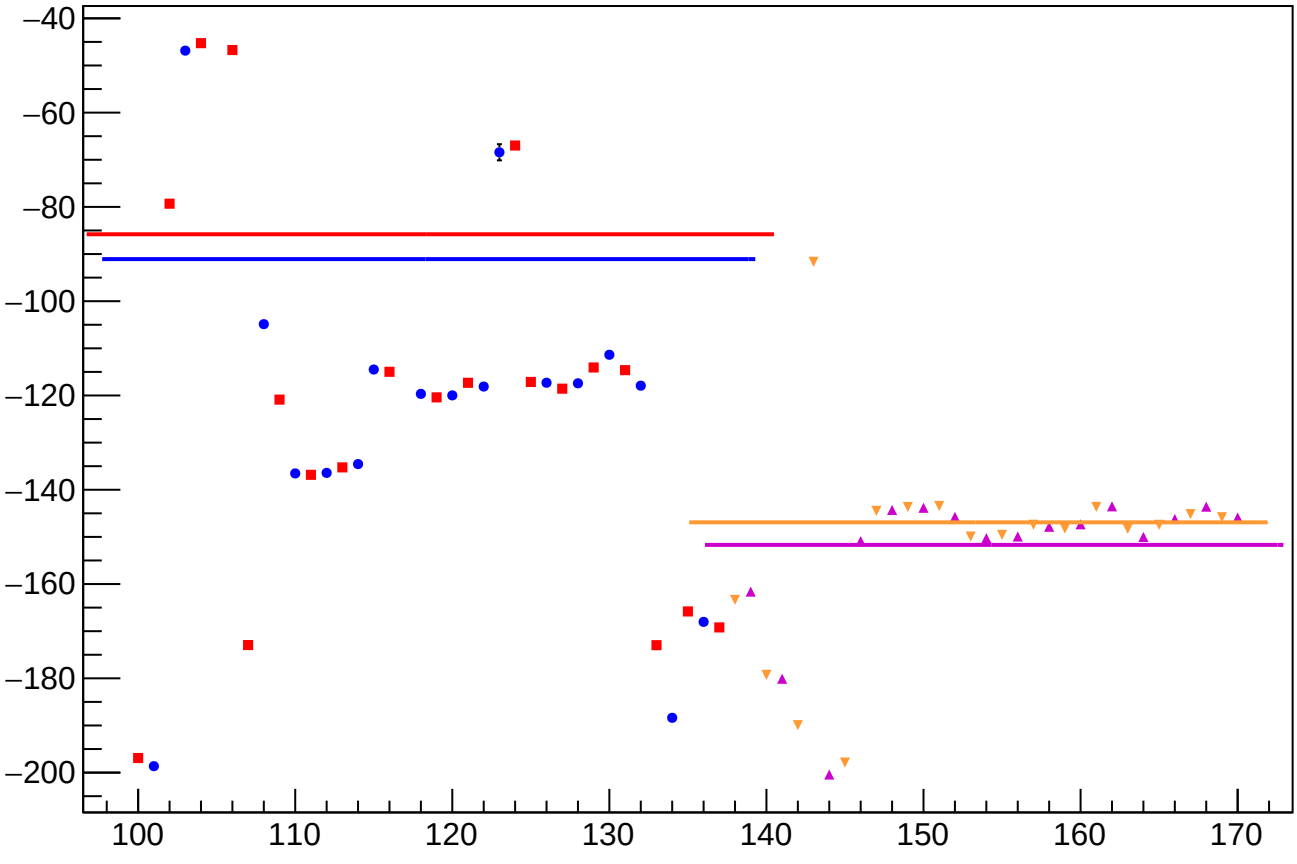
Left In: 59.504+/-1.150 χ^2/NDF:411.3/15

+ sign 56.688+/-0.866 χ^2/NDF: 1051.3/33

All: 55.222+/-0.617 χ^2/NDF: 2059.8/68

- sign 53.716+/-0.878 χ^2/NDF: 1002.7/34

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: -146.910+/-0.054 χ^2/NDF:187171.8/16

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

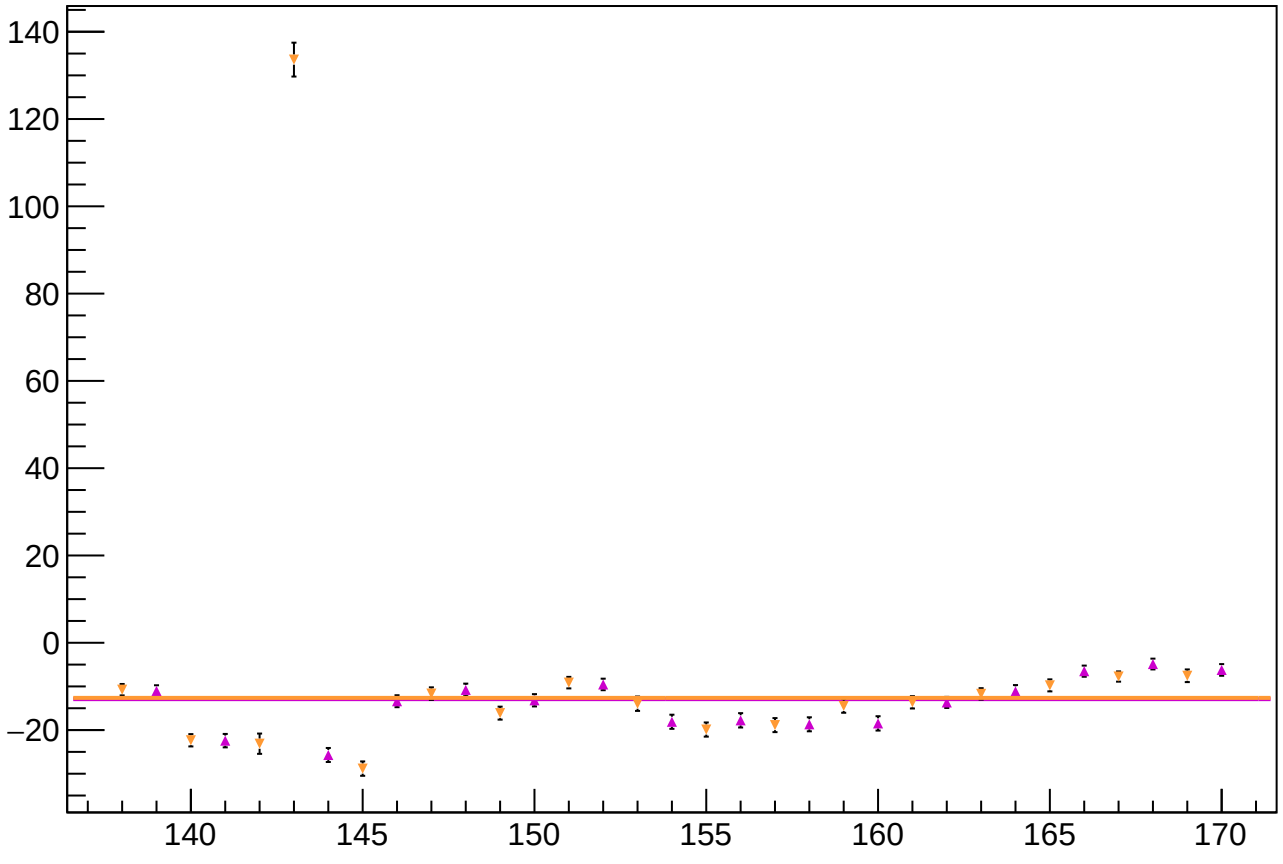
Left In: -151.695+/-0.055 χ^2/NDF:58632.1/15

+ sign -125.191+/-0.042 χ^2/NDF: 1139559.3/33

All: -124.797+/-0.030 χ^2/NDF: 2295574.9/68

- sign -124.408+/-0.042 χ^2/NDF: 1155841.7/34

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: -12.627+/-0.364 χ^2/NDF:1671.2/16

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

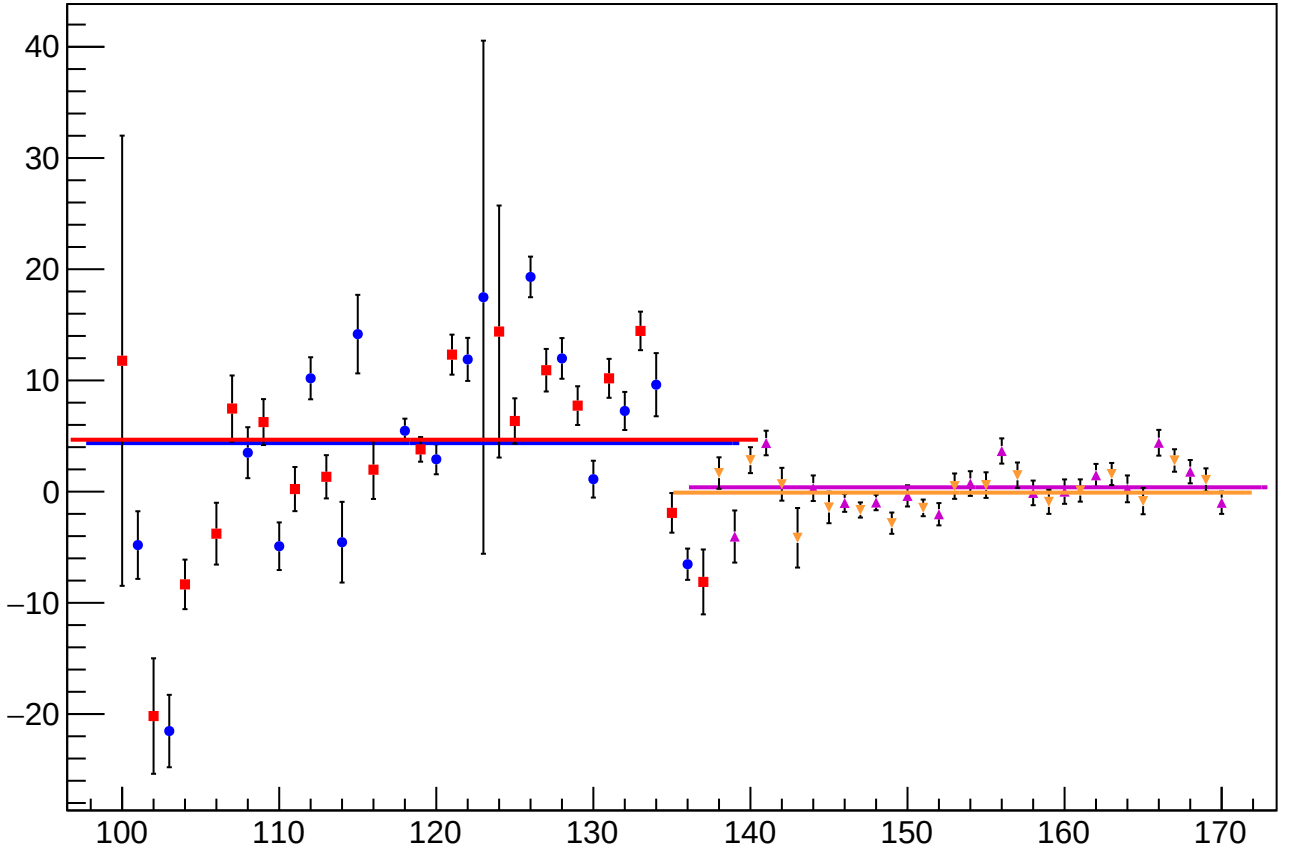
Left In: -12.915+/-0.355 χ^2/NDF:250.3/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.775+/-0.254 χ^2/NDF: 1921.8/32

- 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: -0.090+/-0.257 χ^2/NDF:43.8/16

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

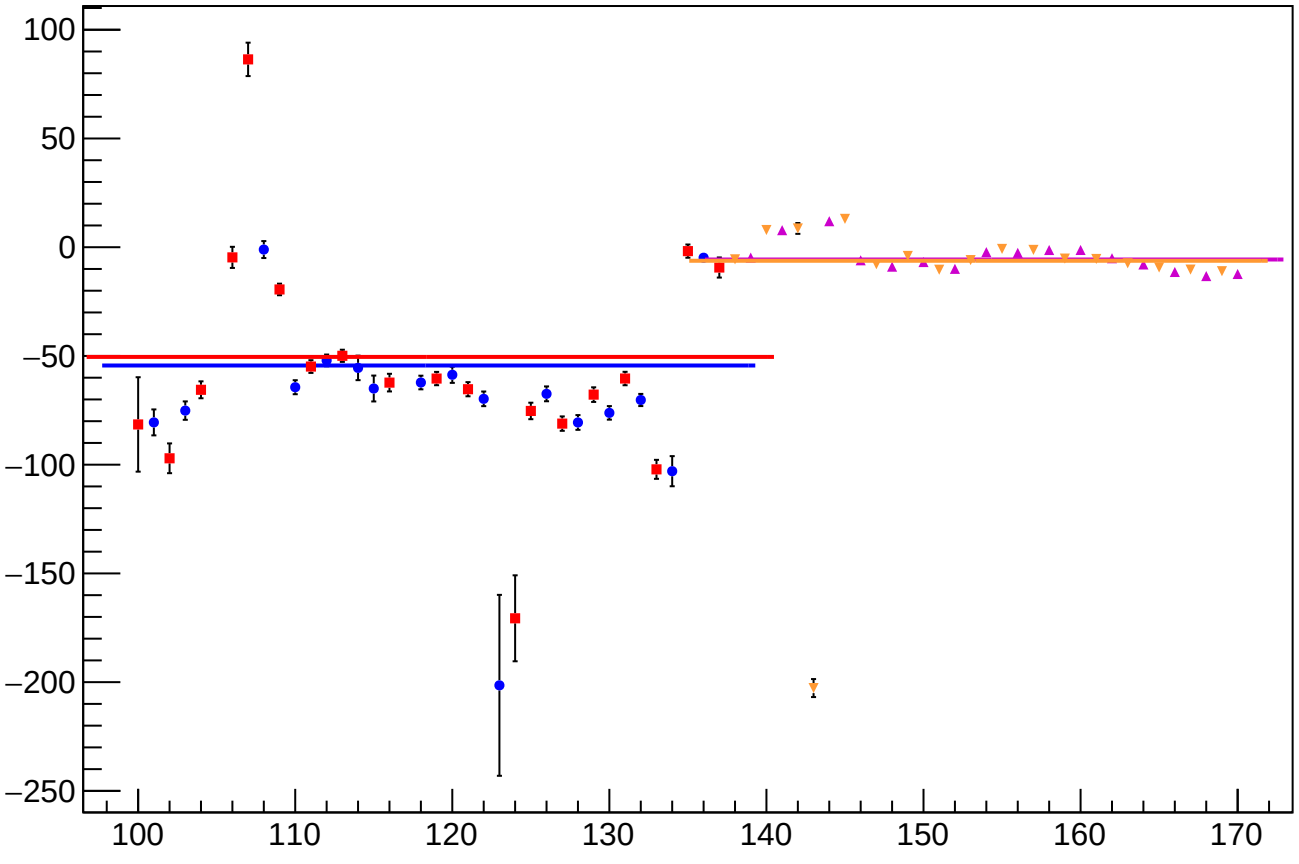
Left In: 0.390+/-0.258 χ^2/NDF:55.5/15

+ sign 0.955+/-0.225 χ^2/NDF: 400.6/33

All: 1.160+/-0.160 χ^2/NDF: 706.0/68

- sign 1.368+/-0.227 χ^2/NDF: 303.8/34

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: -6.232+/-0.357 χ^2/NDF:2568.4/16

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

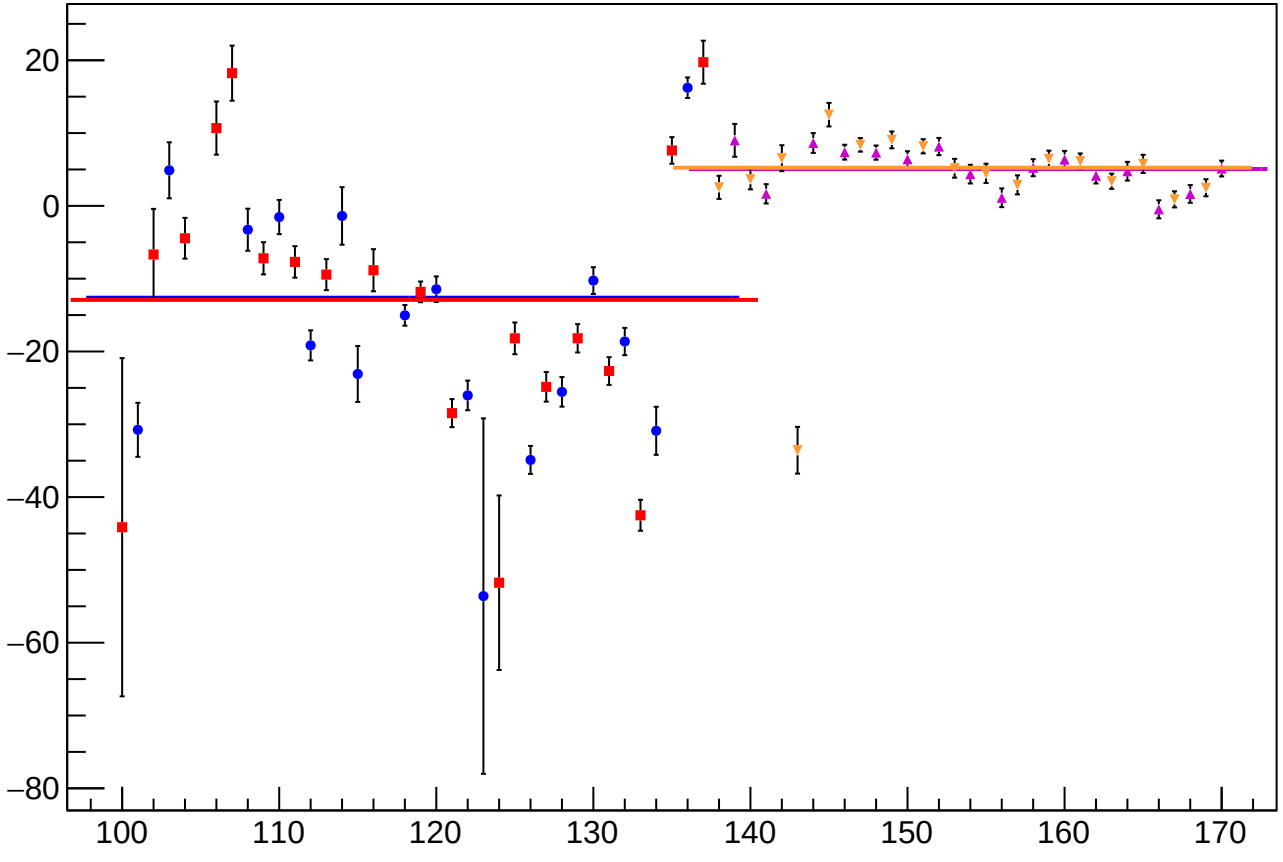
Left In: -5.648+/-0.348 χ^2/NDF:301.8/15

+ sign -13.264+/-0.330 χ^2/NDF: 6244.3/33

All: -12.606+/-0.230 χ^2/NDF: 10222.3/68

- sign -11.976+/-0.322 χ^2/NDF: 3970.2/34

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: 5.243+/-0.299 χ^2/NDF:232.1/16

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

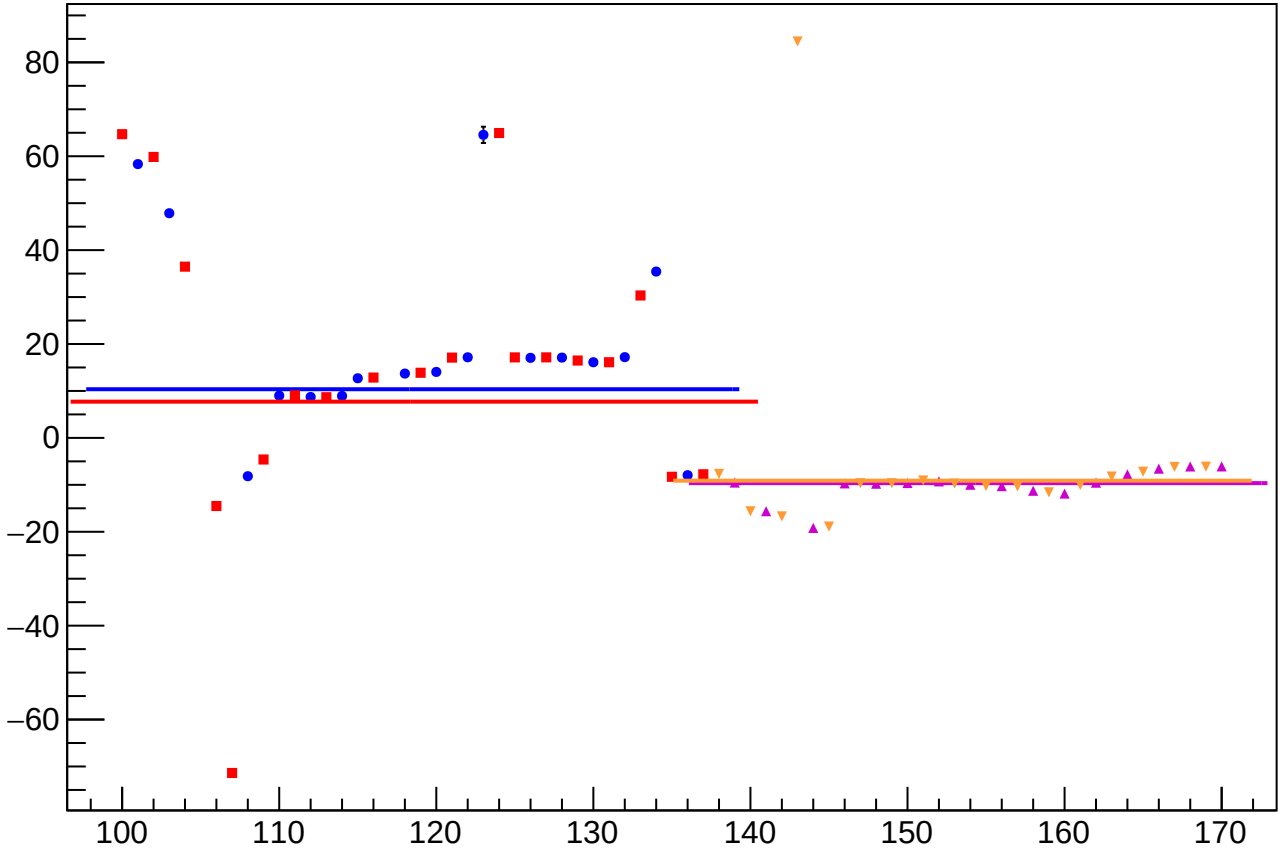
Left In: 5.066+/-0.299 χ^2/NDF:74.8/15

+ sign 0.923+/-0.261 χ^2/NDF: 1880.5/33

All: 0.872+/-0.185 χ^2/NDF: 3537.9/68

- sign 0.821+/-0.262 χ^2/NDF: 1657.4/34

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: -9.117+/-0.014 χ^2/NDF:366801.2/16

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

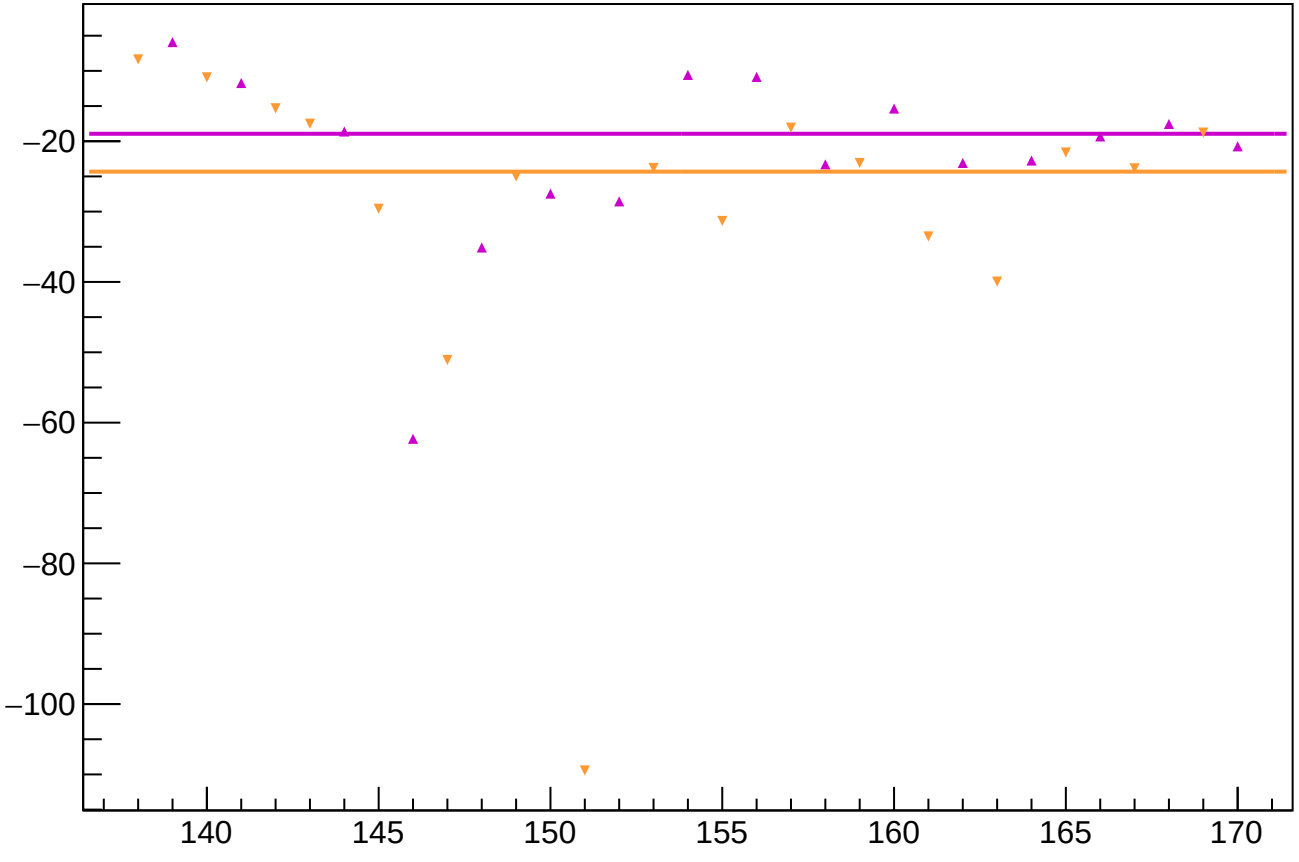
Left In: -9.637+/-0.014 χ^2/NDF:41981.9/15

+ sign -5.746+/-0.013 χ^2/NDF: 1084429.5/33

All: -6.321+/-0.009 χ^2/NDF: 1934820.9/68

- sign -6.875+/-0.012 χ^2/NDF: 846365.4/34

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -24.321+/-0.058 χ^2/NDF:57760.3/16

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

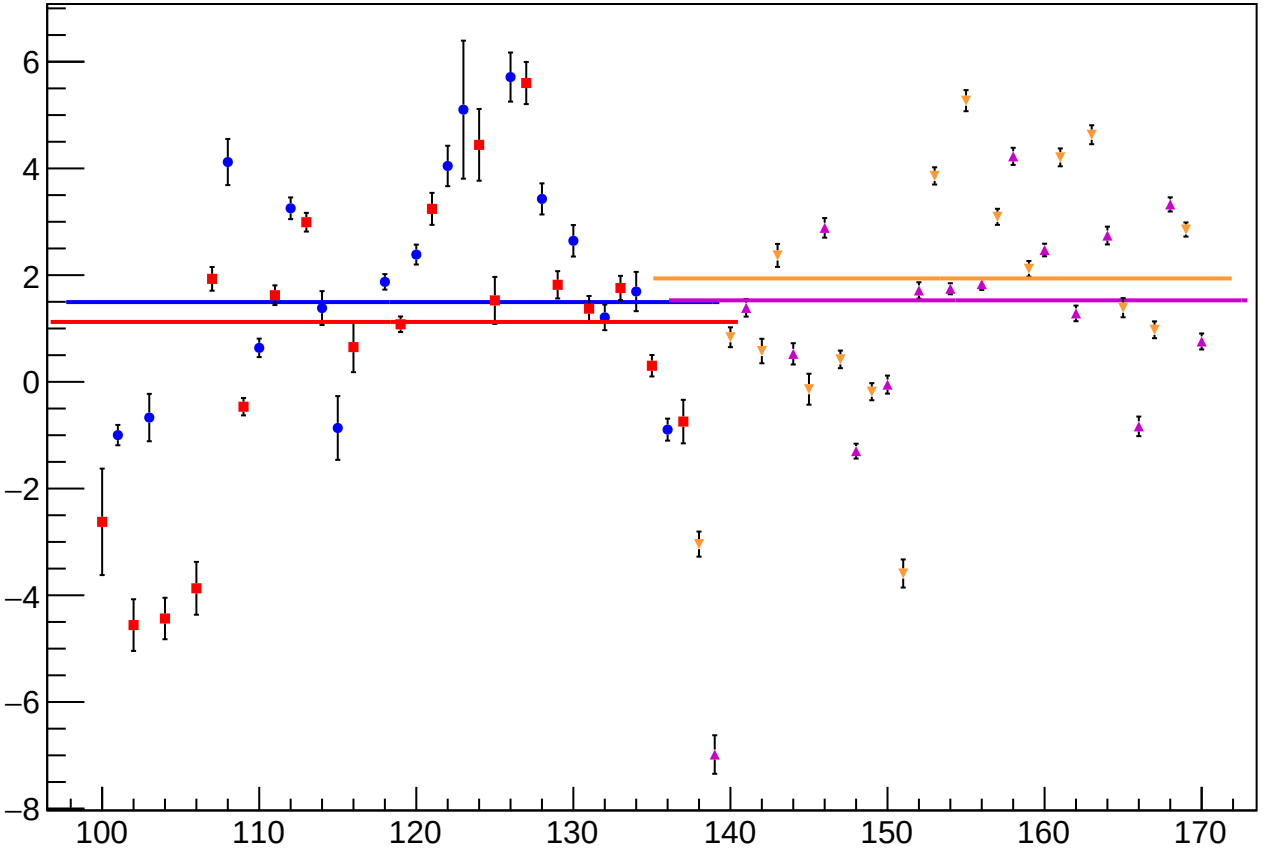
Left In: -18.939+/-0.050 χ^2/NDF:38014.4/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.237+/-0.038 χ^2/NDF: 100641.3/32

- 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: 1.939+/-0.043 χ^2/NDF:2268.0/16

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

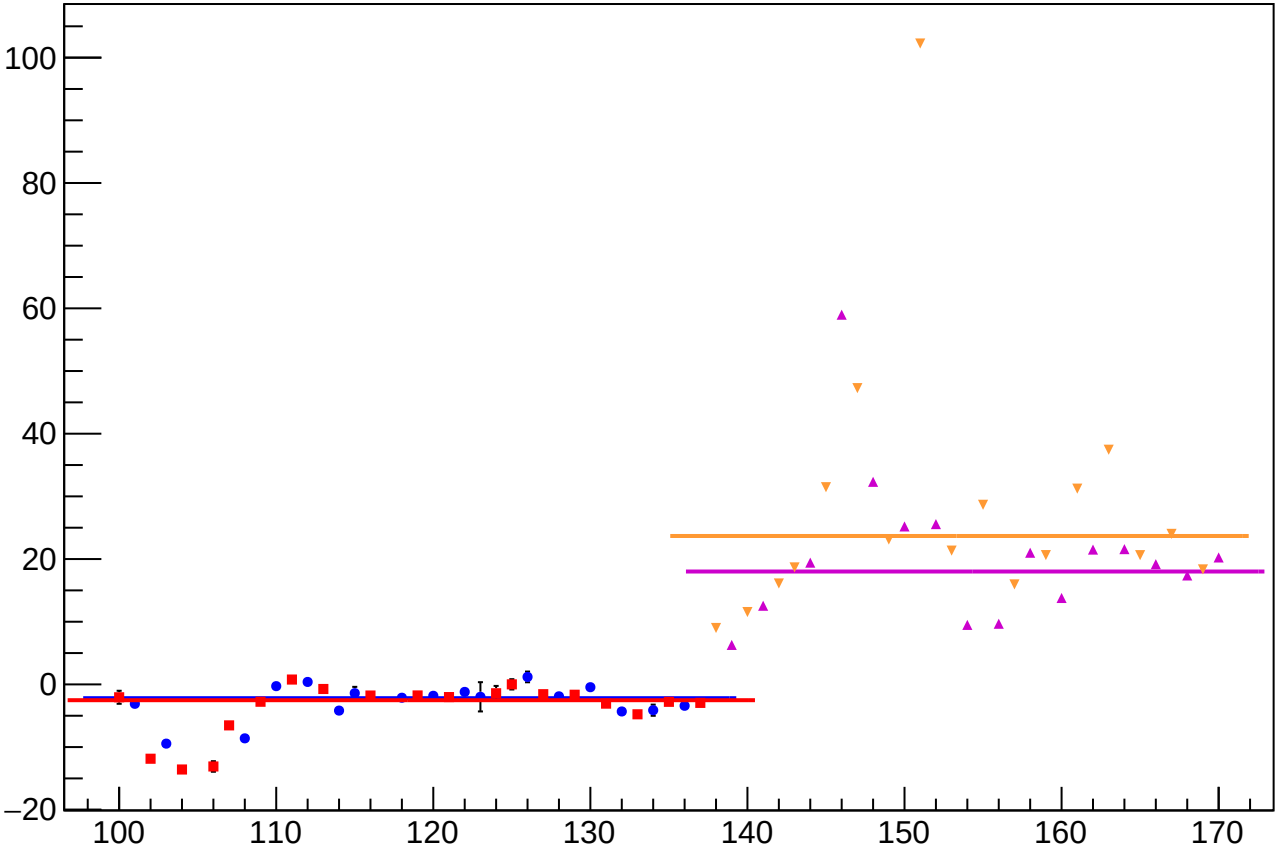
Left In: 1.528+/-0.037 χ^2/NDF:1924.5/15

+ sign 1.791+/-0.035 χ^2/NDF: 3012.1/33

All: 1.579+/-0.023 χ^2/NDF: 5982.8/68

- sign 1.411+/-0.031 χ^2/NDF: 2905.4/34

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 23.679+/-0.057 χ^2/NDF:51754.6/16

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

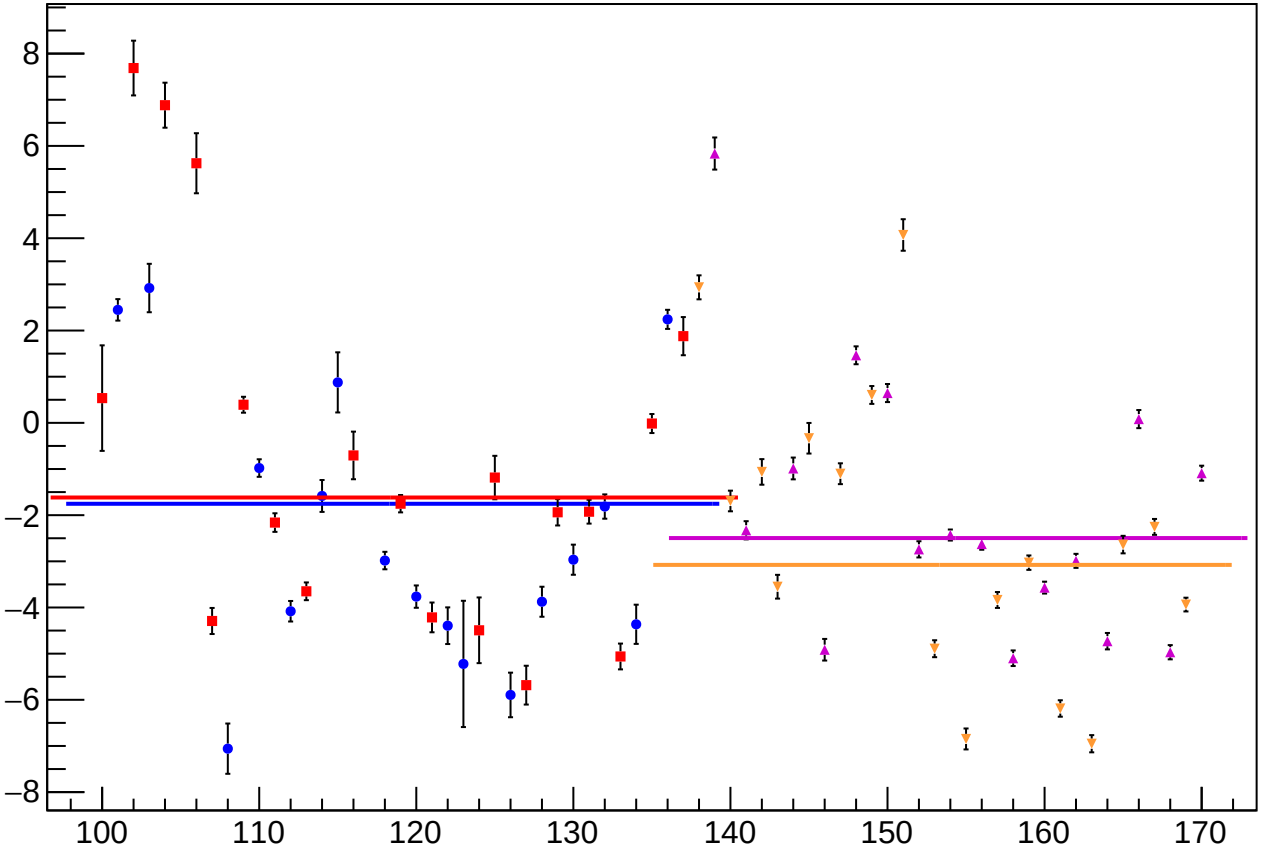
Left In: 18.012+/-0.049 χ^2/NDF:35895.2/15

+ sign 18.173+/-0.051 χ^2/NDF: 95328.2/33

All: 15.760+/-0.033 χ^2/NDF: 170607.1/68

- sign 13.974+/-0.044 χ^2/NDF: 71384.7/34

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -3.077+/-0.049 χ^2/NDF:2767.9/16

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

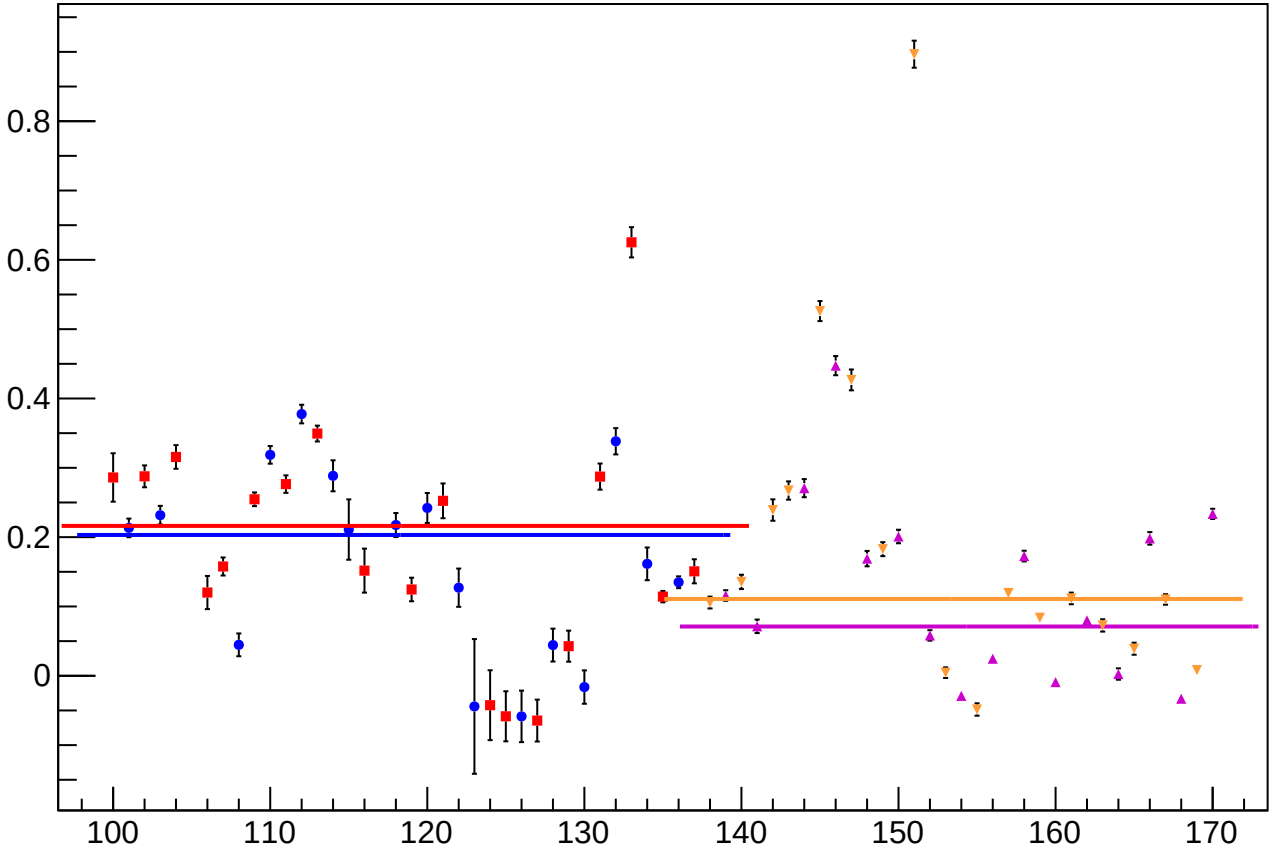
Left In: -2.496+/-0.042 χ^2/NDF:2379.7/15

+ sign -2.645+/-0.040 χ^2/NDF: 4351.9/33

All: -2.418+/-0.027 χ^2/NDF: 8402.9/68

- sign -2.241+/-0.035 χ^2/NDF: 3994.1/34

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.111+/-0.002 χ^2/NDF:3989.3/16

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

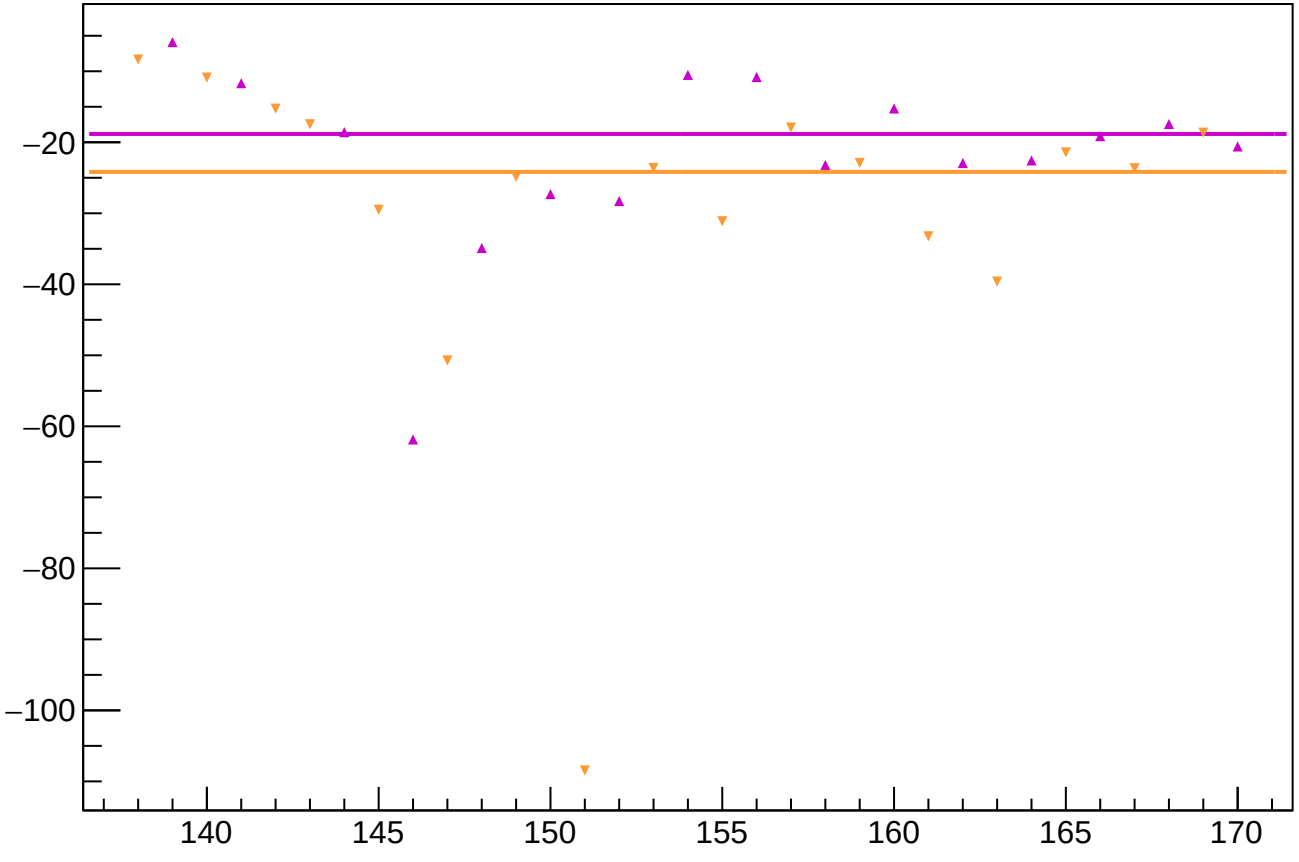
Left In: 0.071+/-0.002 χ^2/NDF:3185.6/15

+ sign 0.131+/-0.002 χ^2/NDF: 5054.7/33

All: 0.113+/-0.001 χ^2/NDF: 10701.9/68

- sign 0.100+/-0.002 χ^2/NDF: 5492.9/34

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -24.167+/-0.058 χ^2/NDF:57580.7/16

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

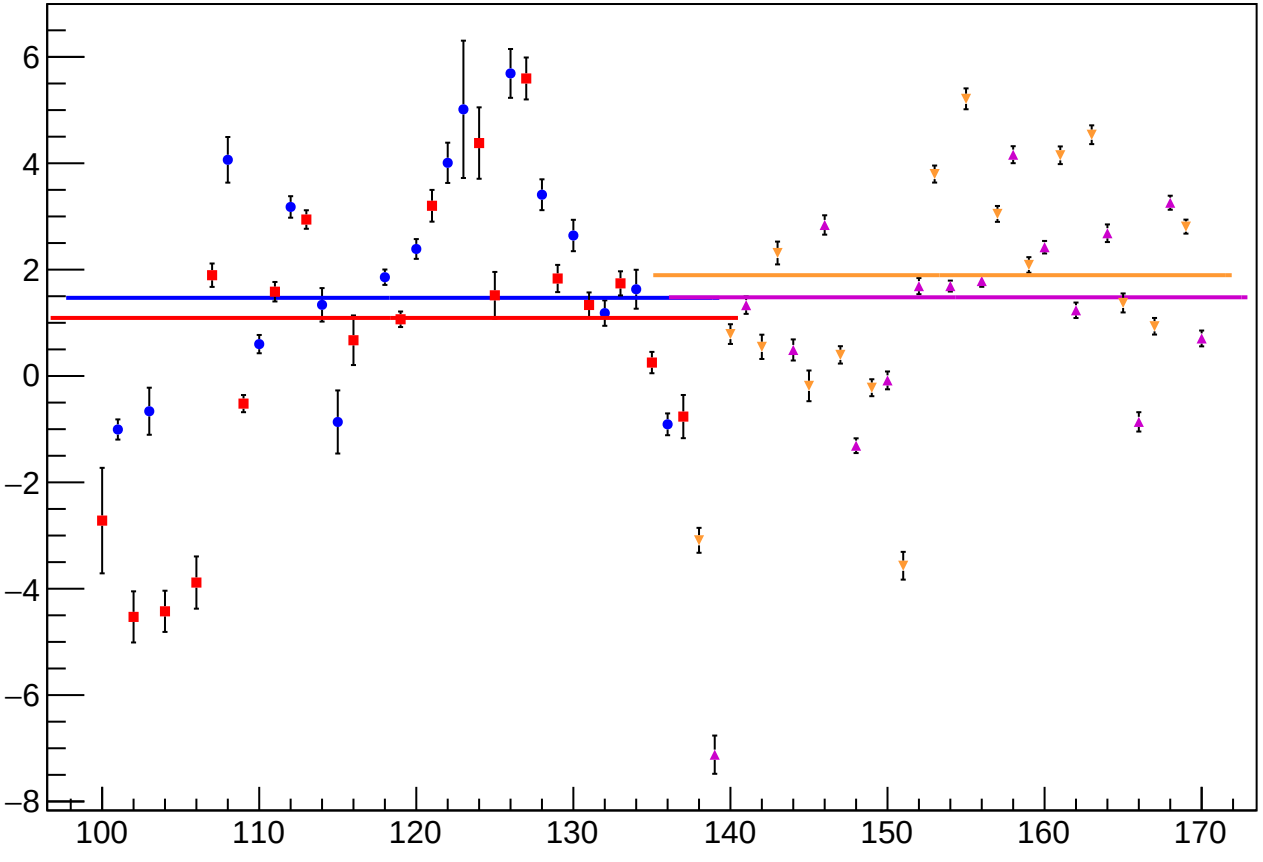
Left In: -18.828+/-0.050 χ^2/NDF:37927.2/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.108+/-0.038 χ^2/NDF: 100359.6/32

- 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: 1.896+/-0.043 χ^2/NDF:2267.5/16

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

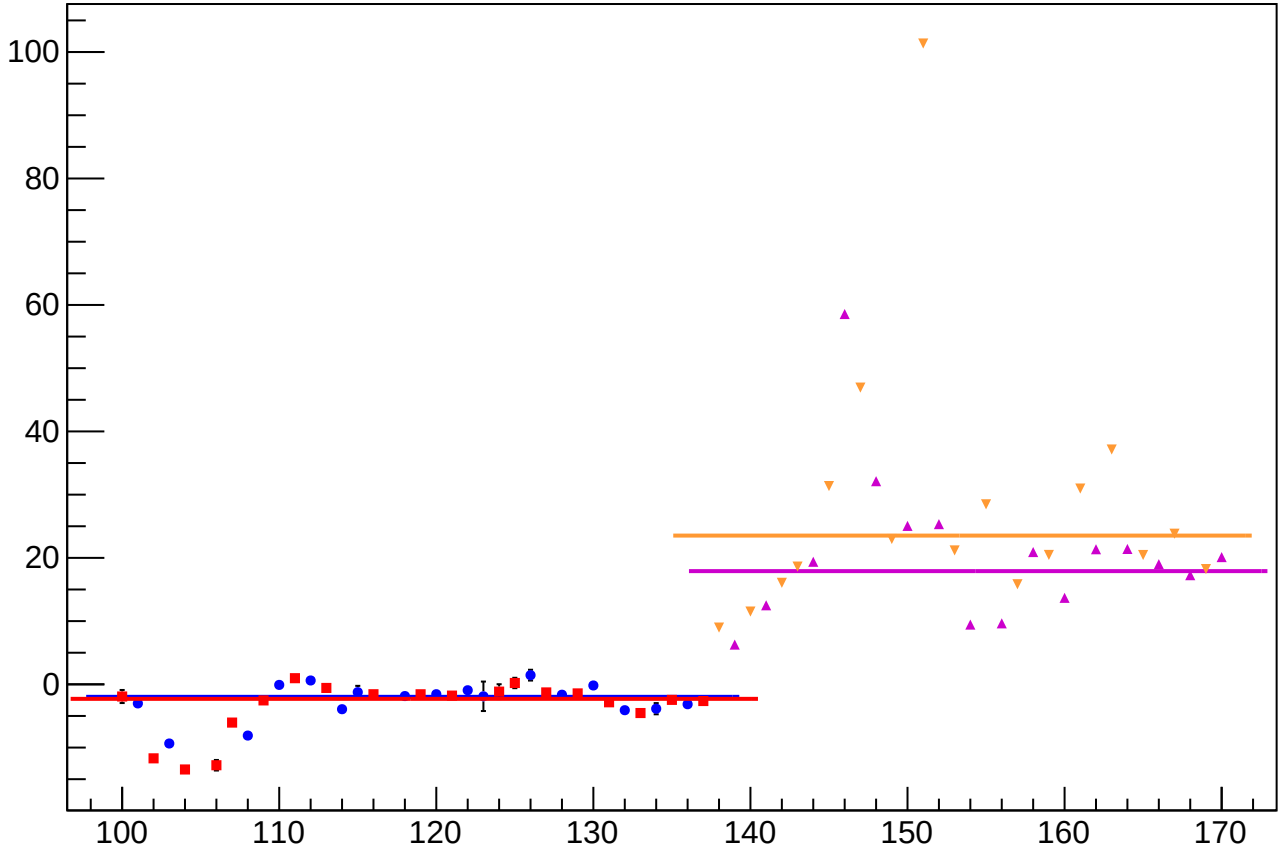
Left In: 1.480+/-0.037 χ^2/NDF:1935.6/15

+ sign 1.755+/-0.035 χ^2/NDF: 3008.2/33

All: 1.539+/-0.023 χ^2/NDF: 5995.9/68

- sign 1.368+/-0.031 χ^2/NDF: 2919.6/34

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 23.526+/-0.057 χ^2/NDF:51617.7/16

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

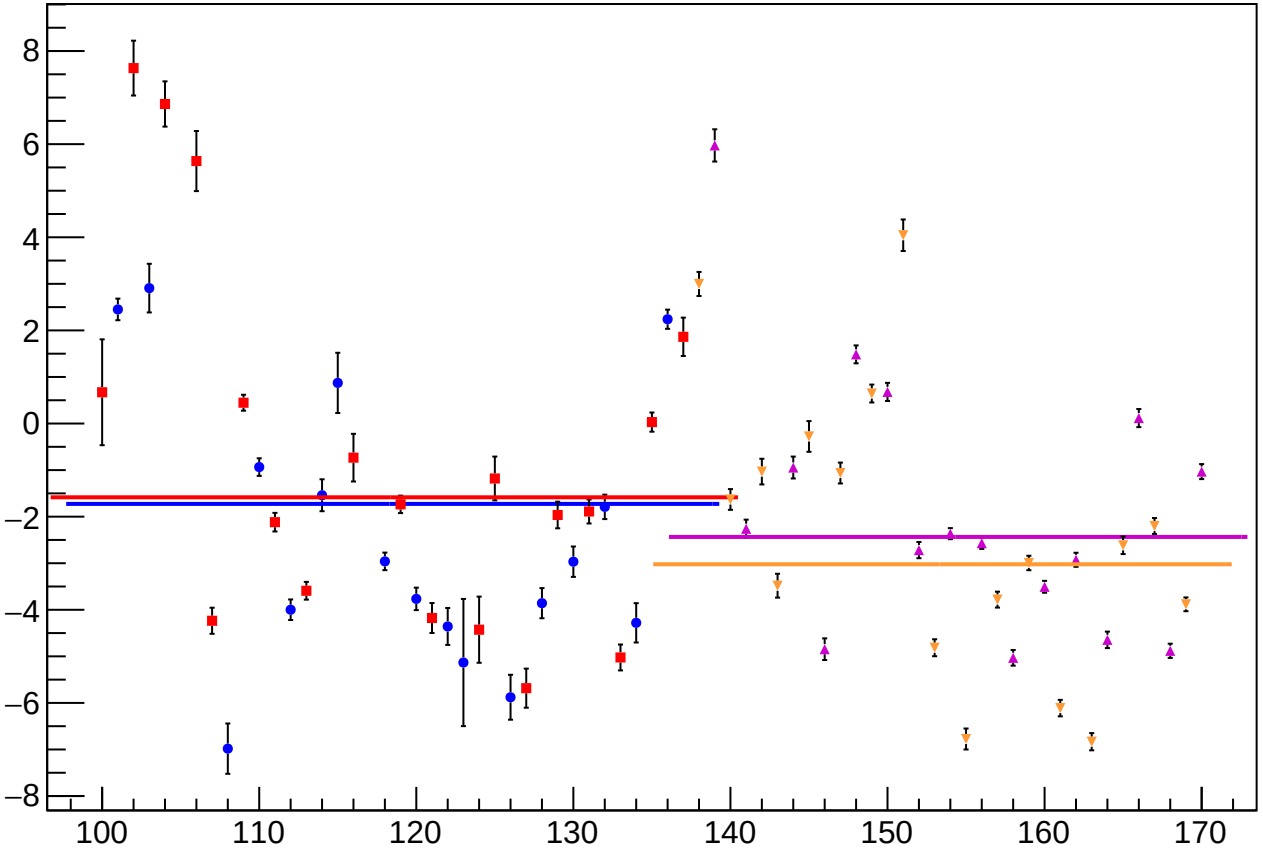
Left In: 17.906+/-0.049 χ^2/NDF:35819.6/15

+ sign 18.113+/-0.051 χ^2/NDF: 94394.4/33

All: 15.715+/-0.033 χ^2/NDF: 168864.4/68

- sign 13.940+/-0.044 χ^2/NDF: 70574.4/34

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -3.022+/-0.049 χ^2/NDF:2766.1/16

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

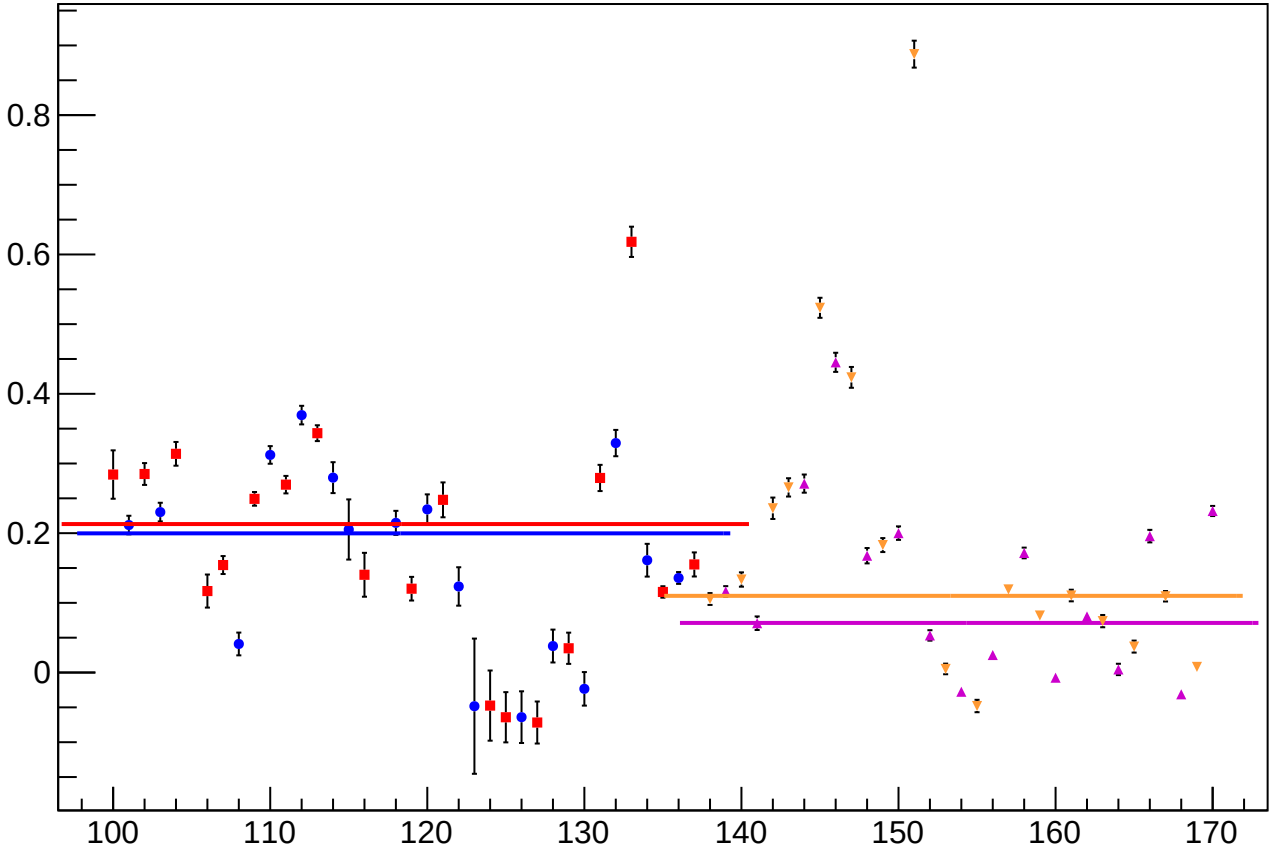
Left In: -2.435+/-0.042 χ^2/NDF:2391.6/15

+ sign -2.600+/-0.040 χ^2/NDF: 4339.1/33

All: -2.369+/-0.026 χ^2/NDF: 8403.4/68

- sign -2.189+/-0.035 χ^2/NDF: 4004.6/34

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.110+/-0.002 χ^2/NDF:3984.3/16

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

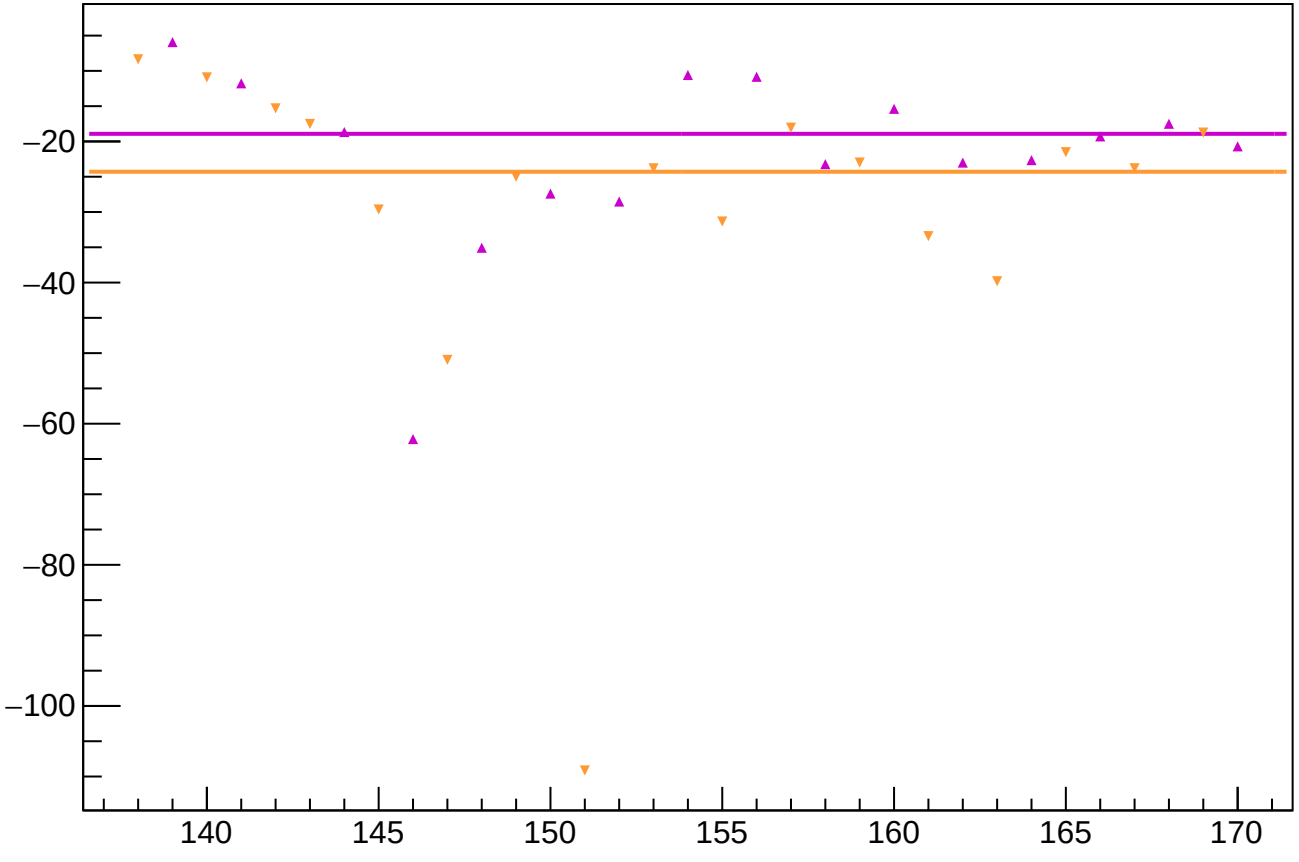
Left In: 0.071+/-0.002 χ^2/NDF:3161.7/15

+ sign 0.130+/-0.002 χ^2/NDF: 5017.2/33

All: 0.112+/-0.001 χ^2/NDF: 10575.6/68

- sign 0.099+/-0.002 χ^2/NDF: 5410.3/34

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -24.295+/-0.058 χ^2/NDF:57709.9/16

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

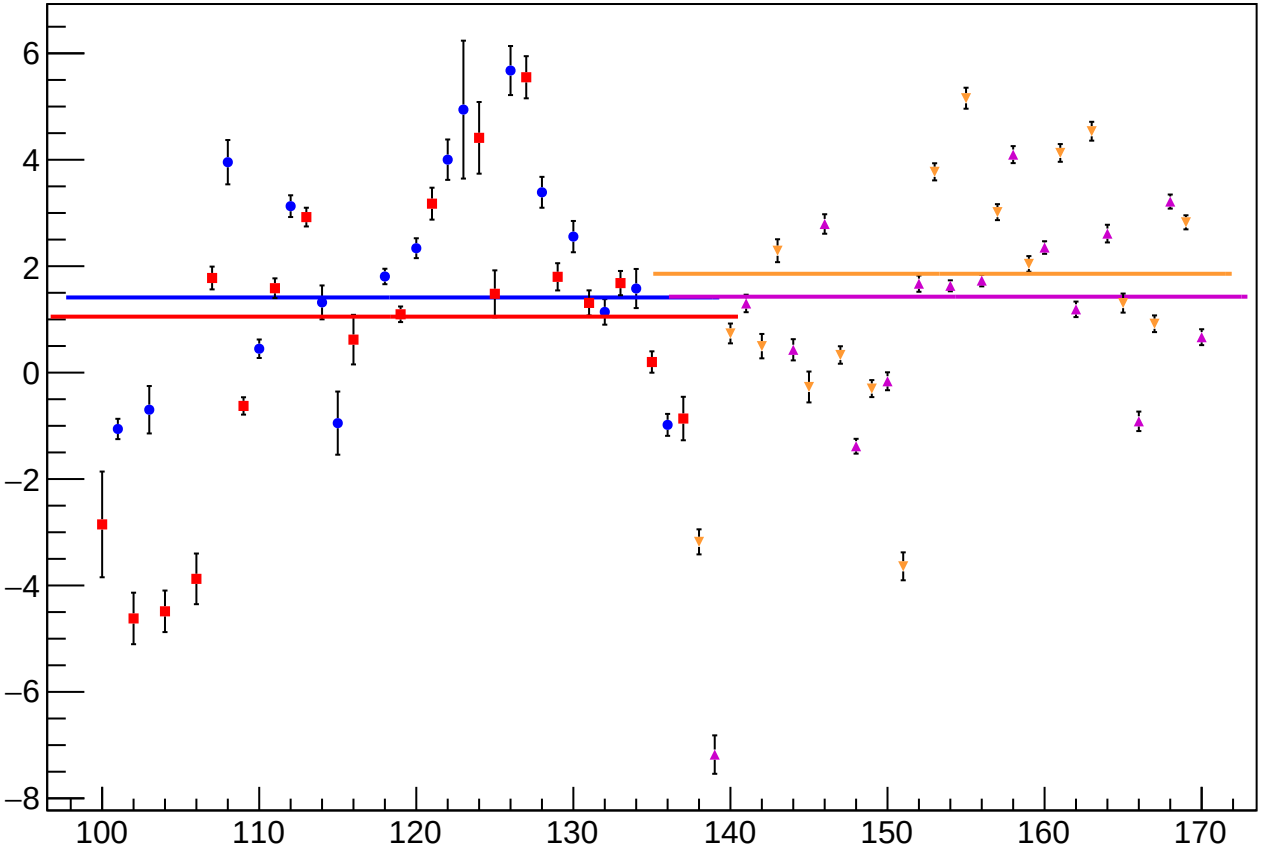
Left In: -18.920+/-0.050 χ^2/NDF:37988.1/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.214+/-0.038 χ^2/NDF: 100575.3/32

- 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: 1.857+/-0.043 χ^2/NDF:2290.2/16

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

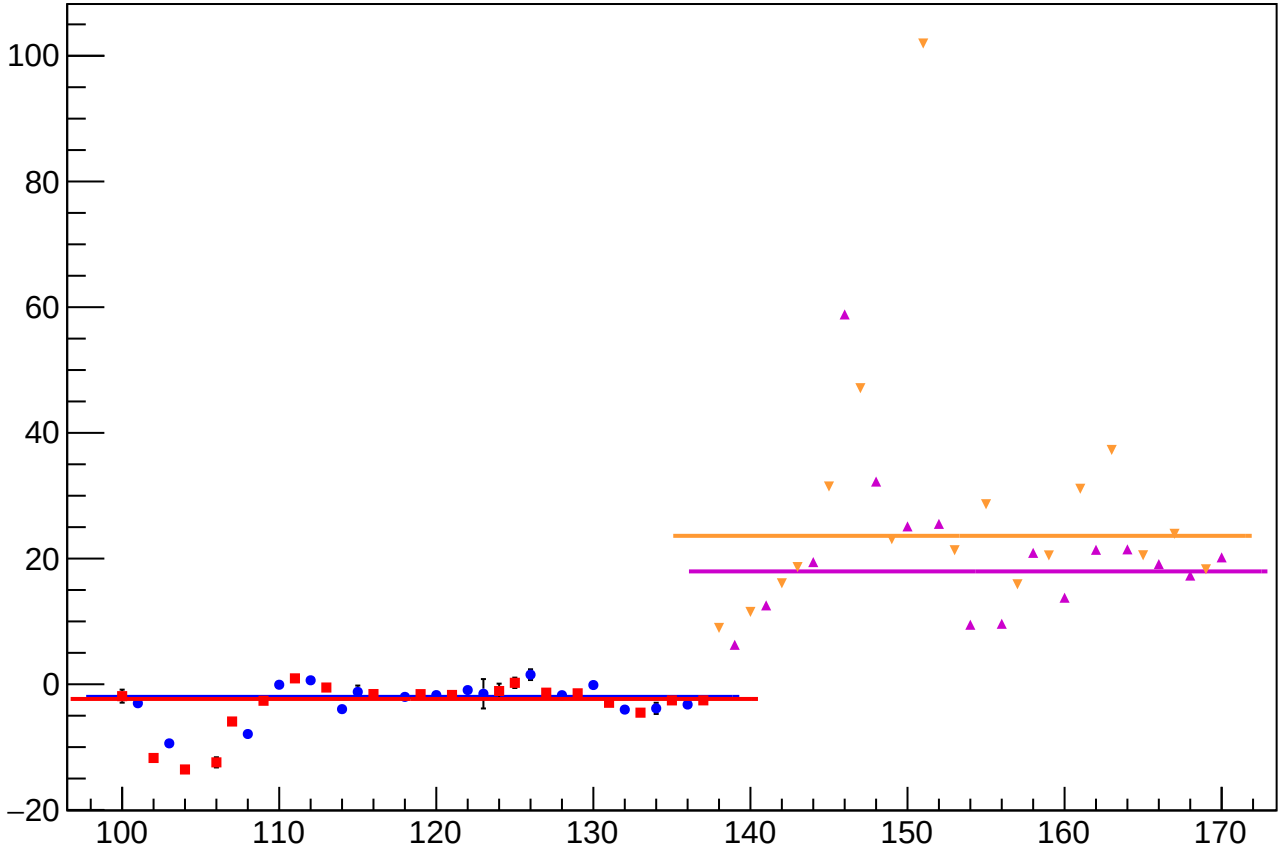
Left In: 1.427+/-0.037 χ^2/NDF:1924.9/15

+ sign 1.710+/-0.035 χ^2/NDF: 3039.6/33

All: 1.491+/-0.023 χ^2/NDF: 6026.9/68

- sign 1.319+/-0.031 χ^2/NDF: 2917.9/34

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 23.618+/-0.057 χ^2/NDF:51729.9/16

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

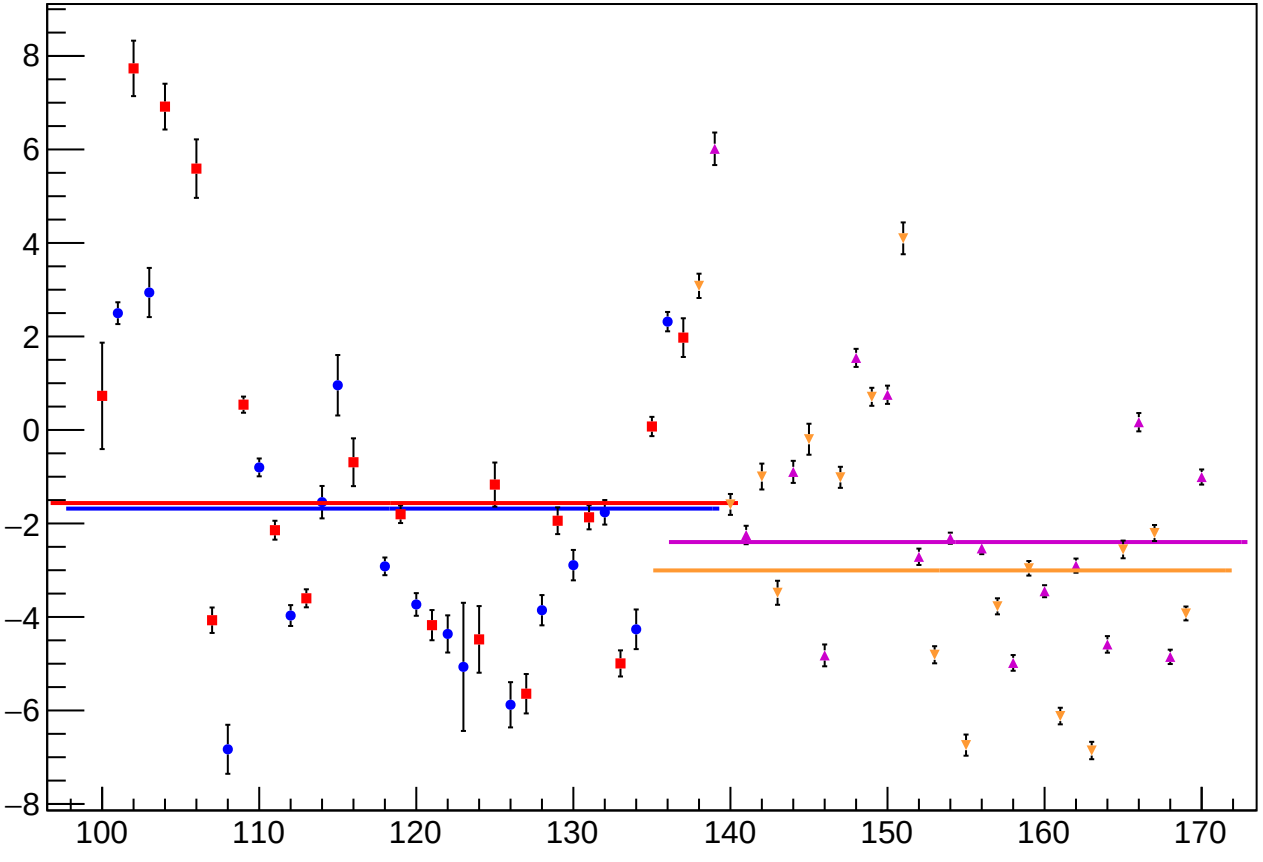
Left In: 17.958+/-0.049 χ^2/NDF:35891.6/15

+ sign 18.190+/-0.051 χ^2/NDF: 94482.5/33

All: 15.770+/-0.033 χ^2/NDF: 169049.5/68

- sign 13.981+/-0.044 χ^2/NDF: 70639.7/34

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -3.004+/-0.049 χ^2/NDF:2794.9/16

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

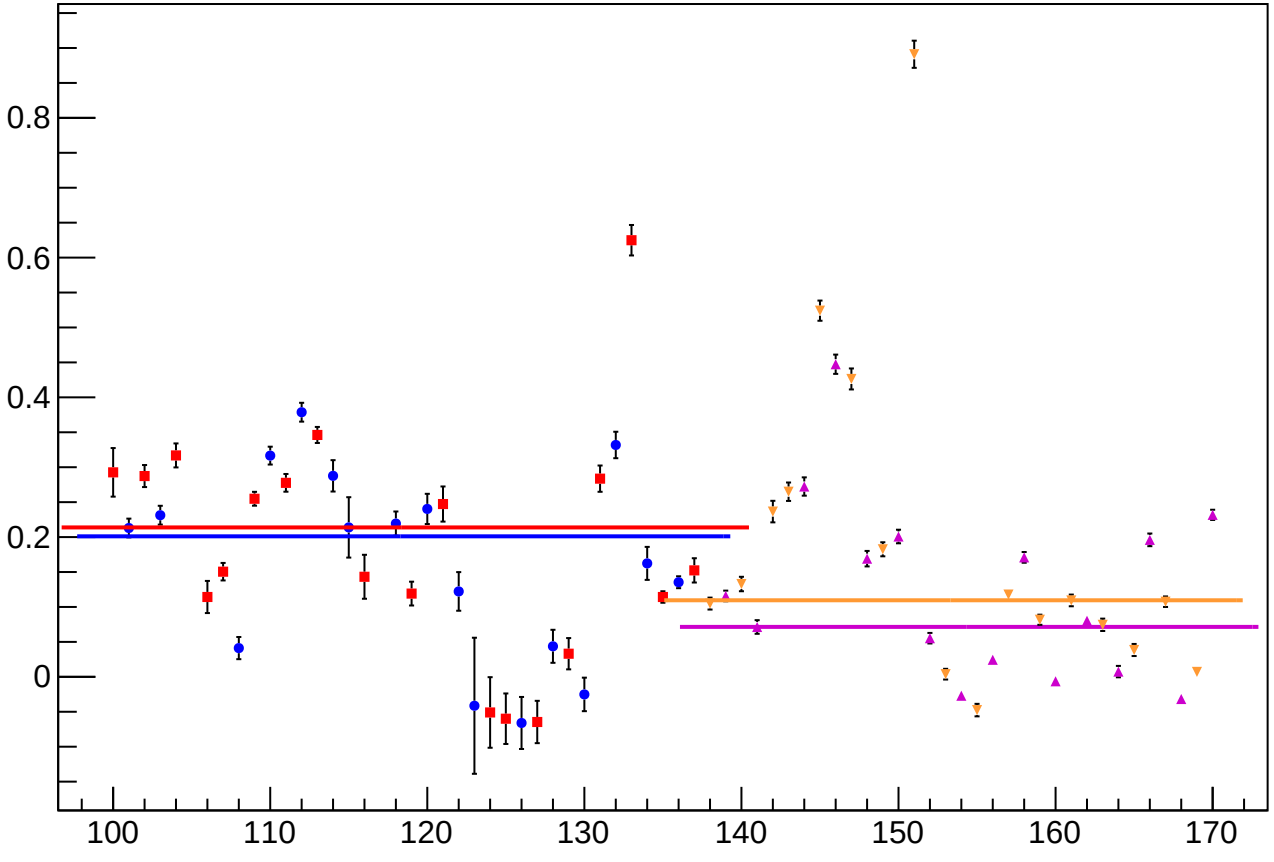
Left In: -2.398+/-0.042 χ^2/NDF:2380.9/15

+ sign -2.574+/-0.040 χ^2/NDF: 4381.4/33

All: -2.339+/-0.027 χ^2/NDF: 8443.1/68

- sign -2.156+/-0.035 χ^2/NDF: 4000.4/34

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.110+/-0.002 χ^2/NDF:3973.2/16

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

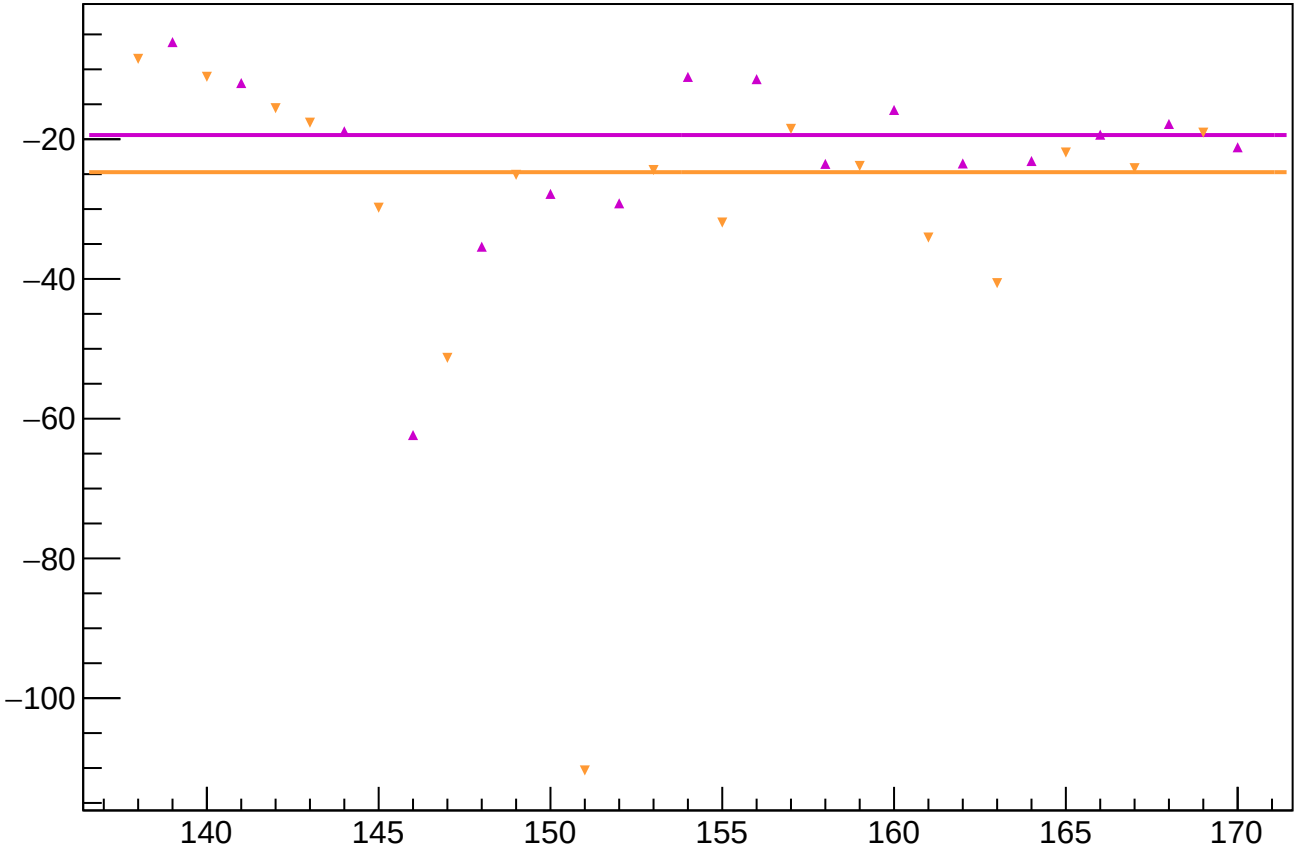
Left In: 0.071+/-0.002 χ^2/NDF:3140.6/15

+ sign 0.130+/-0.002 χ^2/NDF: 5047.4/33

All: 0.112+/-0.001 χ^2/NDF: 10613.4/68

- sign 0.100+/-0.002 χ^2/NDF: 5424.0/34

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -24.719+/-0.059 χ^2/NDF:57617.3/16

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

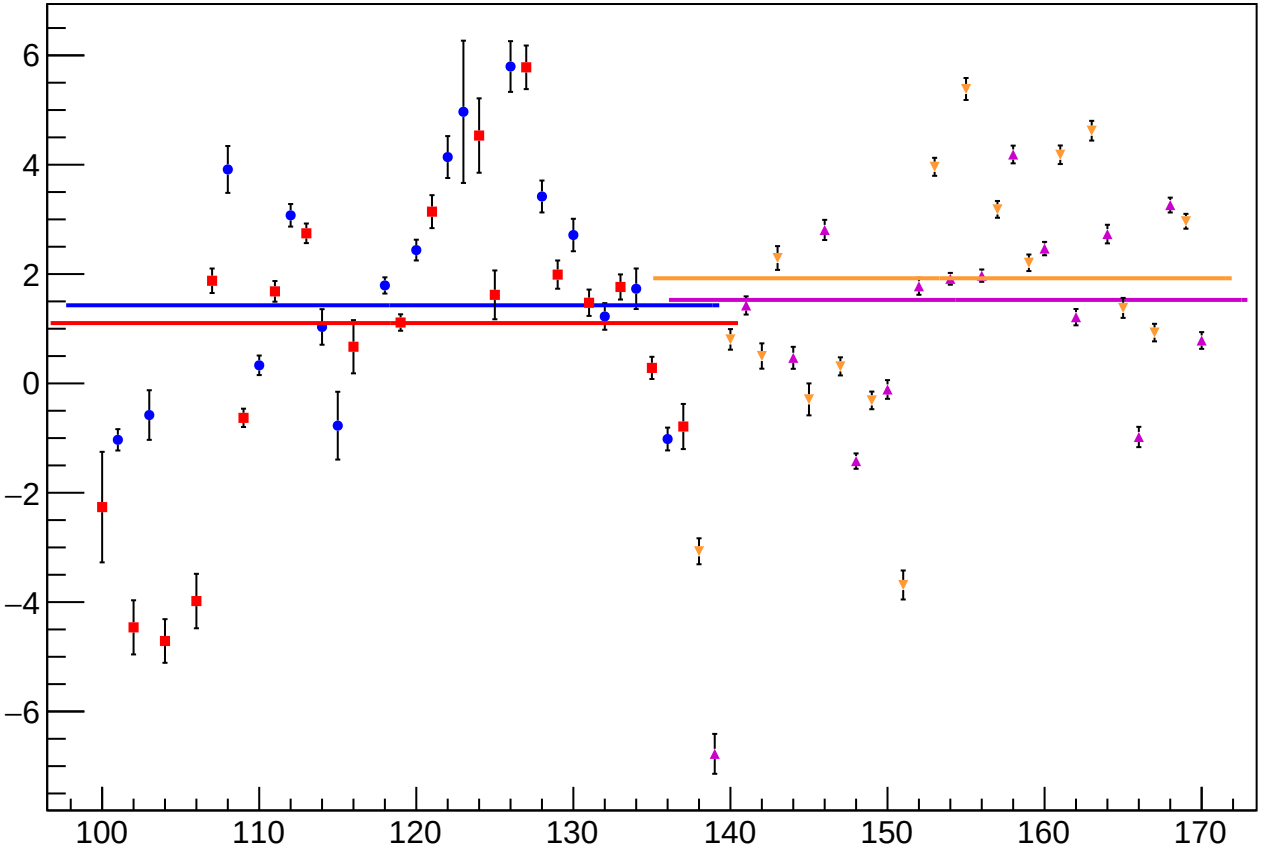
Left In: -19.405+/-0.051 χ^2/NDF:36876.5/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.687+/-0.039 χ^2/NDF: 99067.4/32

- 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: 1.923+/-0.044 χ^2/NDF:2336.5/16

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

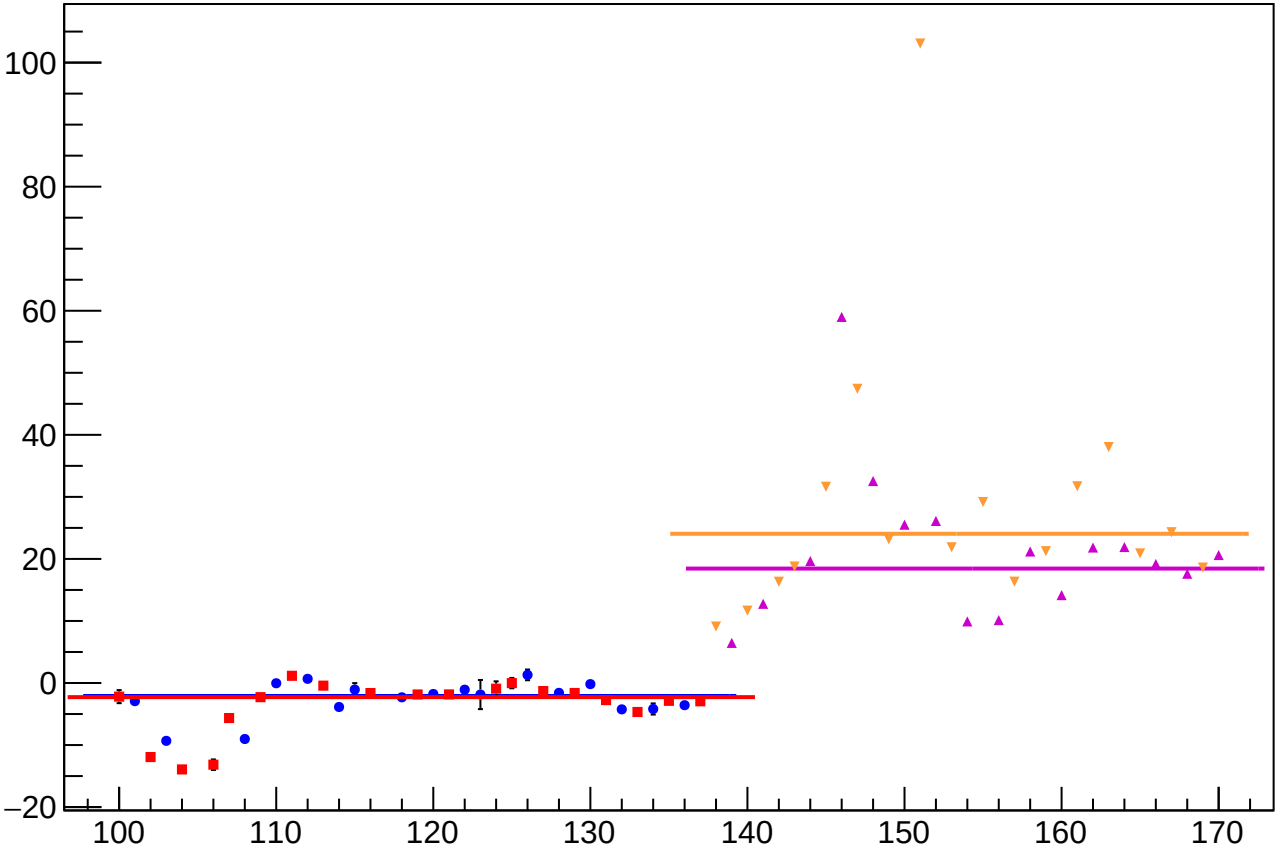
Left In: 1.527+/-0.038 χ^2/NDF:1908.4/15

+ sign 1.759+/-0.036 χ^2/NDF: 3090.2/33

All: 1.562+/-0.024 χ^2/NDF: 6026.1/68

- sign 1.405+/-0.032 χ^2/NDF: 2881.2/34

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 24.052+/-0.058 χ^2/NDF:51498.2/16

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

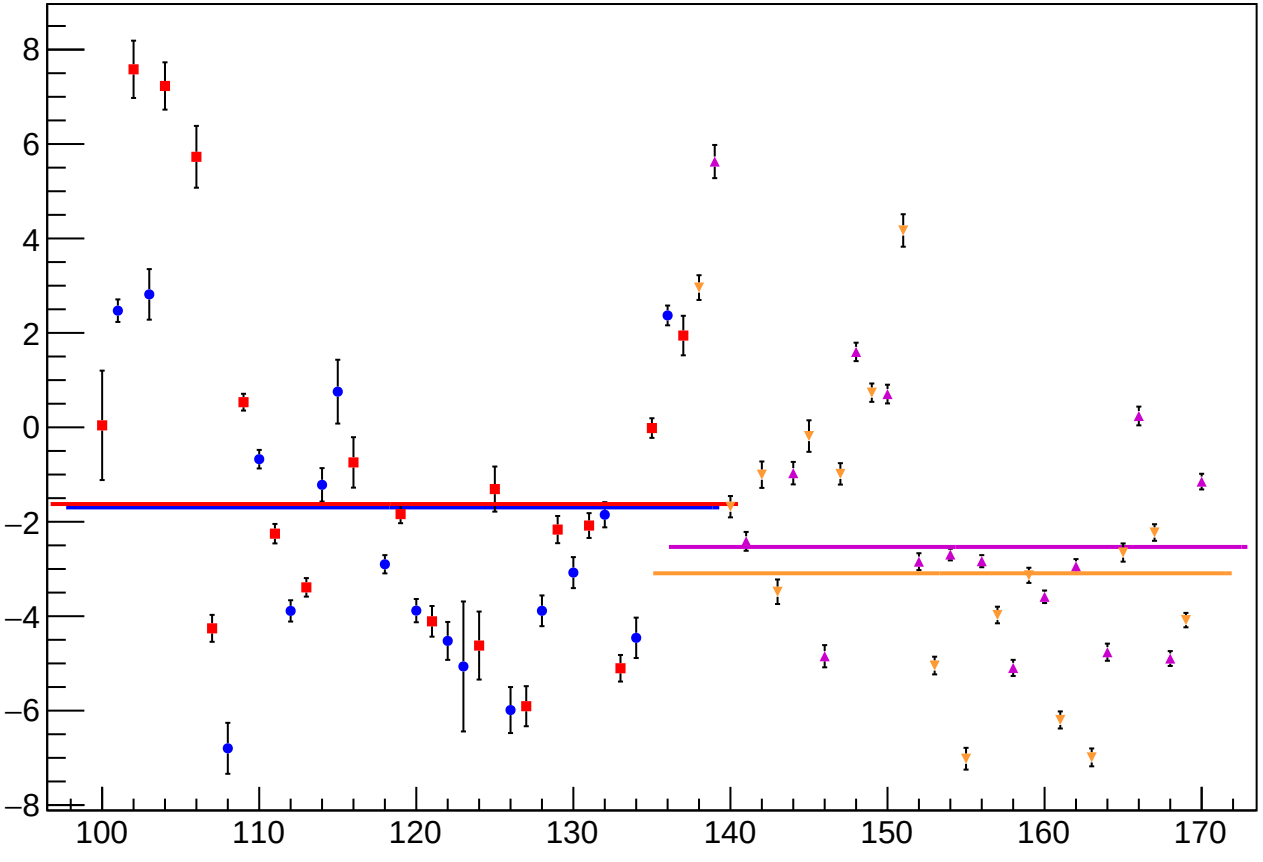
Left In: 18.444+/-0.050 χ^2/NDF:34650.4/15

+ sign 18.502+/-0.052 χ^2/NDF: 94463.3/33

All: 16.132+/-0.034 χ^2/NDF: 167473.0/68

- sign 14.361+/-0.045 χ^2/NDF: 69363.7/34

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -3.091+/-0.050 χ^2/NDF:2838.9/16

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

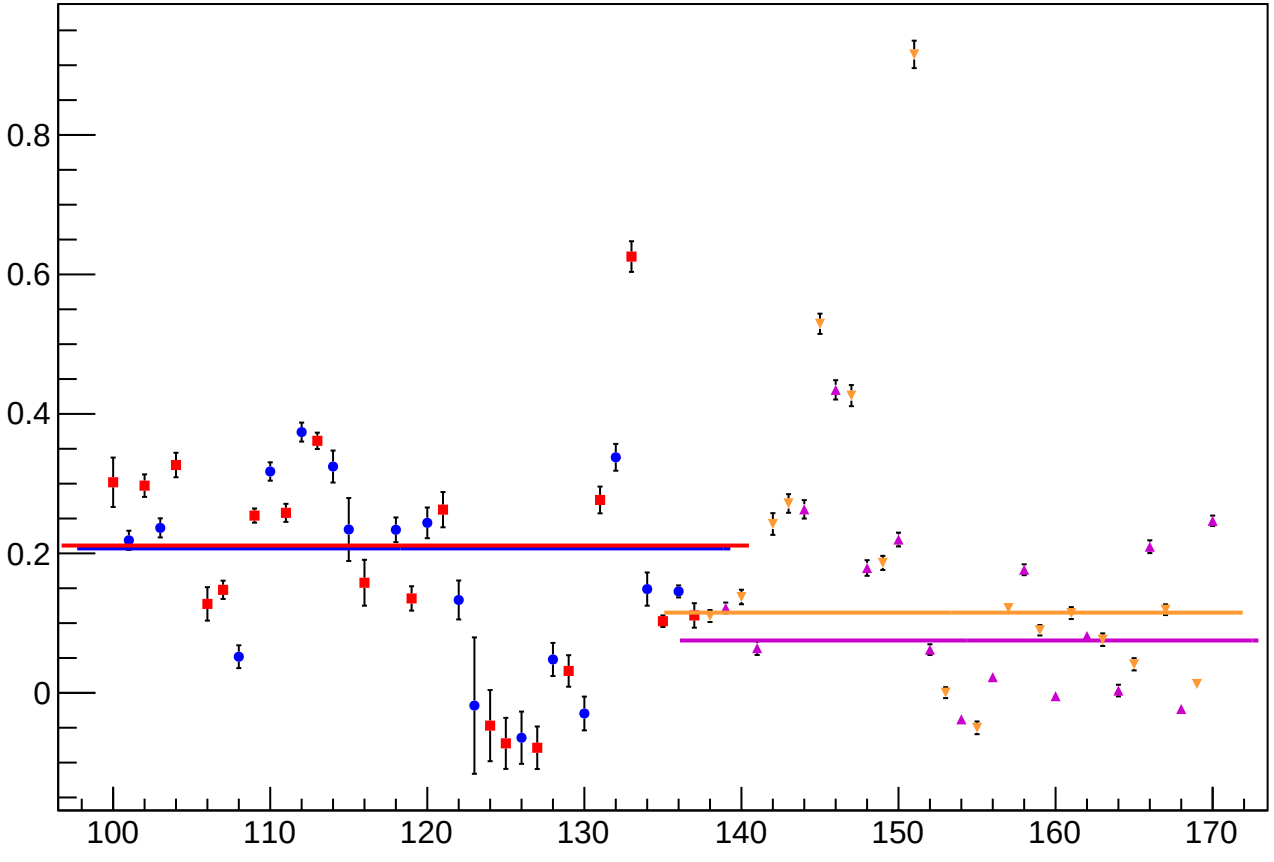
Left In: -2.533+/-0.043 χ^2/NDF:2340.2/15

+ sign -2.636+/-0.041 χ^2/NDF: 4428.6/33

All: -2.430+/-0.027 χ^2/NDF: 8412.1/68

- sign -2.268+/-0.036 χ^2/NDF: 3937.9/34

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.115+/-0.002 χ^2/NDF:4006.1/16

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

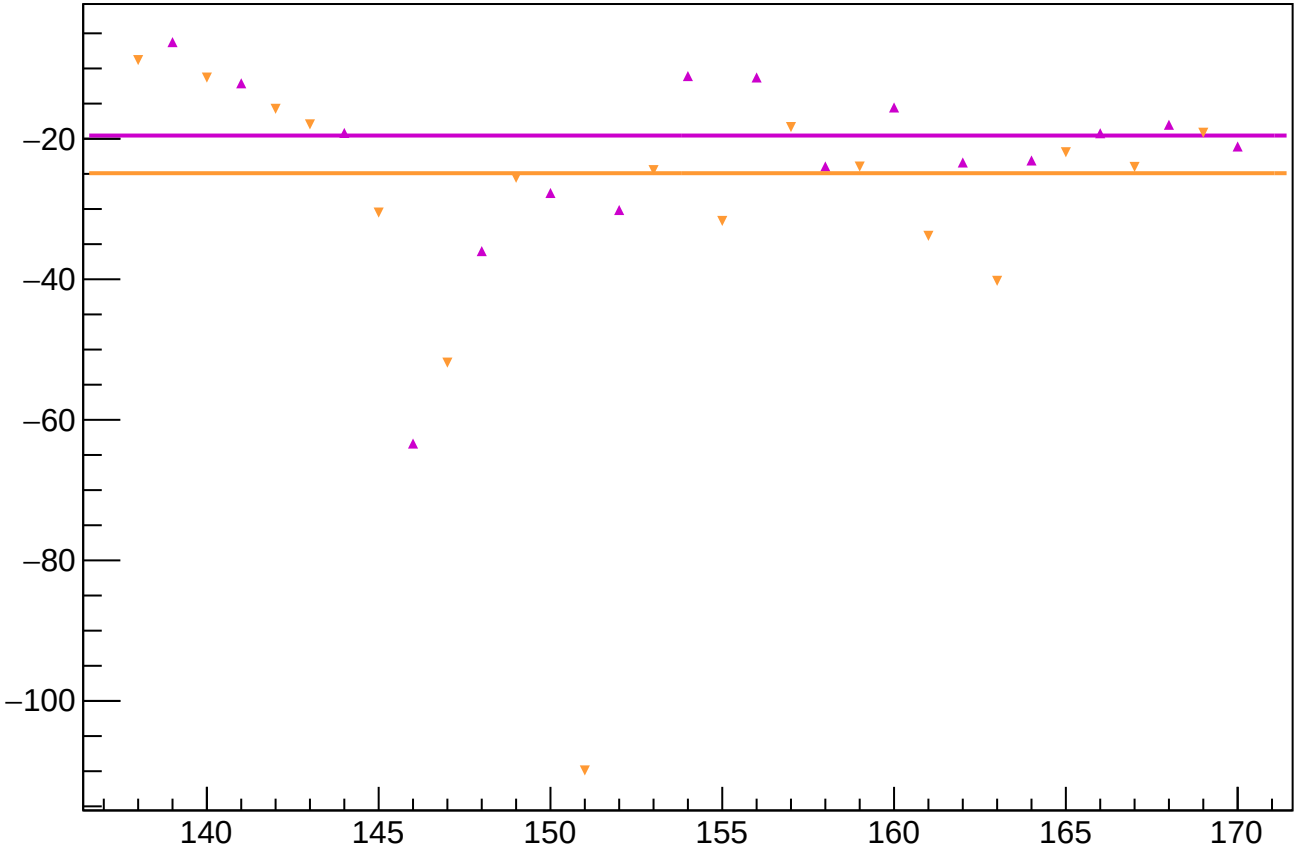
Left In: 0.075+/-0.002 χ^2/NDF:3221.8/15

+ sign 0.136+/-0.002 χ^2/NDF: 5036.4/33

All: 0.116+/-0.001 χ^2/NDF: 10620.3/68

- sign 0.102+/-0.002 χ^2/NDF: 5419.2/34

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -24.904+/-0.060 χ^2/NDF:56406.4/16

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

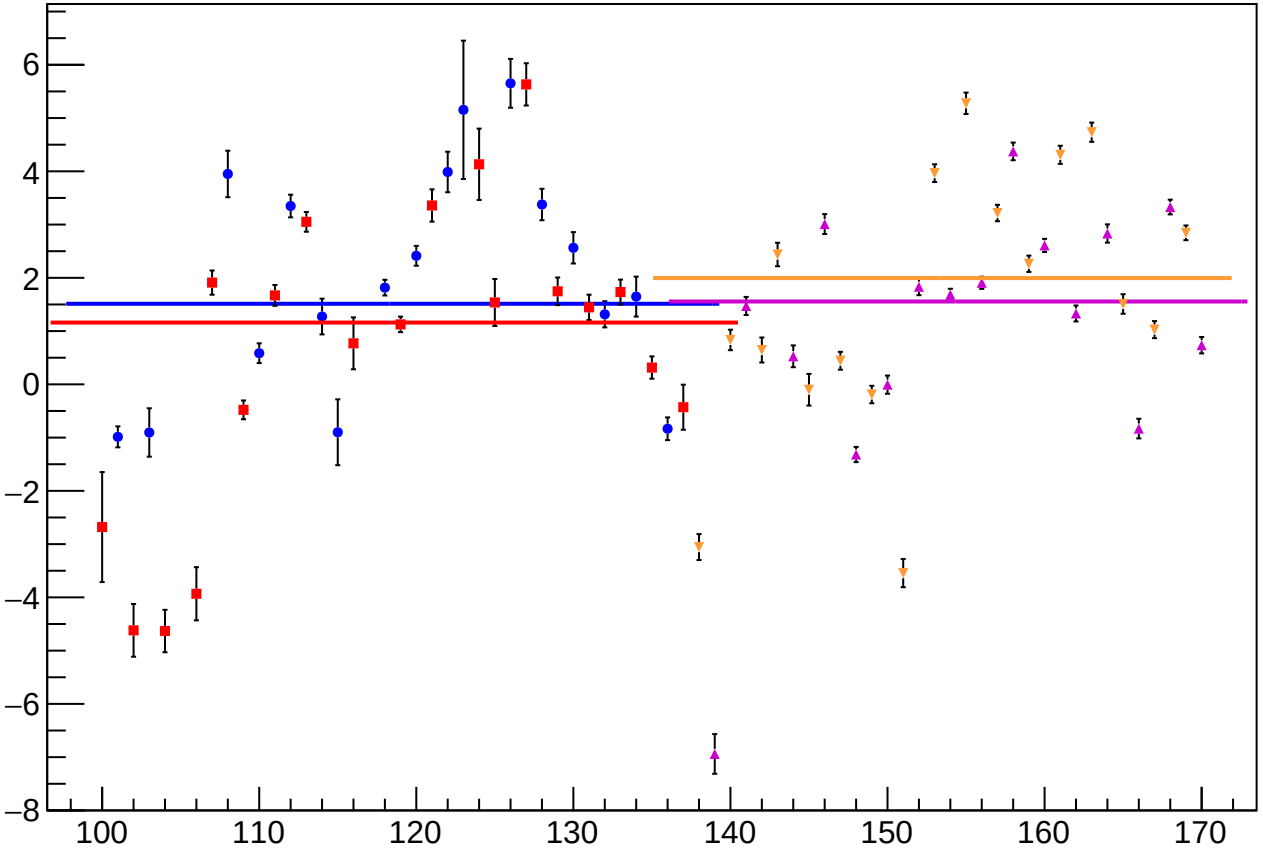
Left In: -19.546+/-0.052 χ^2/NDF:37108.6/15

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.856+/-0.039 χ^2/NDF: 98063.6/32

- 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: 1.995+/-0.044 χ^2/NDF:2225.0/16

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

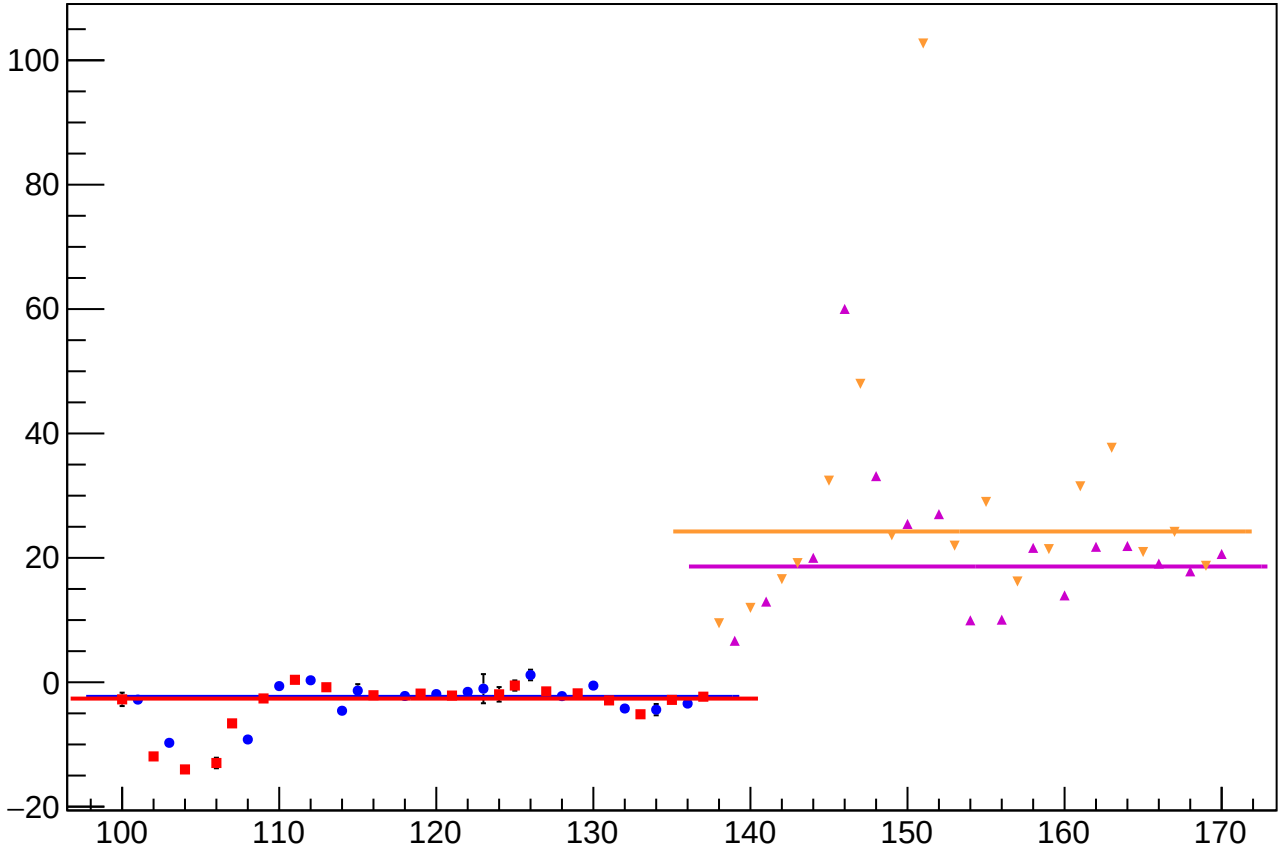
Left In: 1.556+/-0.038 χ^2/NDF:1885.4/15

+ sign 1.835+/-0.036 χ^2/NDF: 2934.3/33

All: 1.617+/-0.024 χ^2/NDF: 5833.7/68

- sign 1.441+/-0.032 χ^2/NDF: 2833.2/34

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 24.244+/-0.059 χ^2/NDF:50539.6/16

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

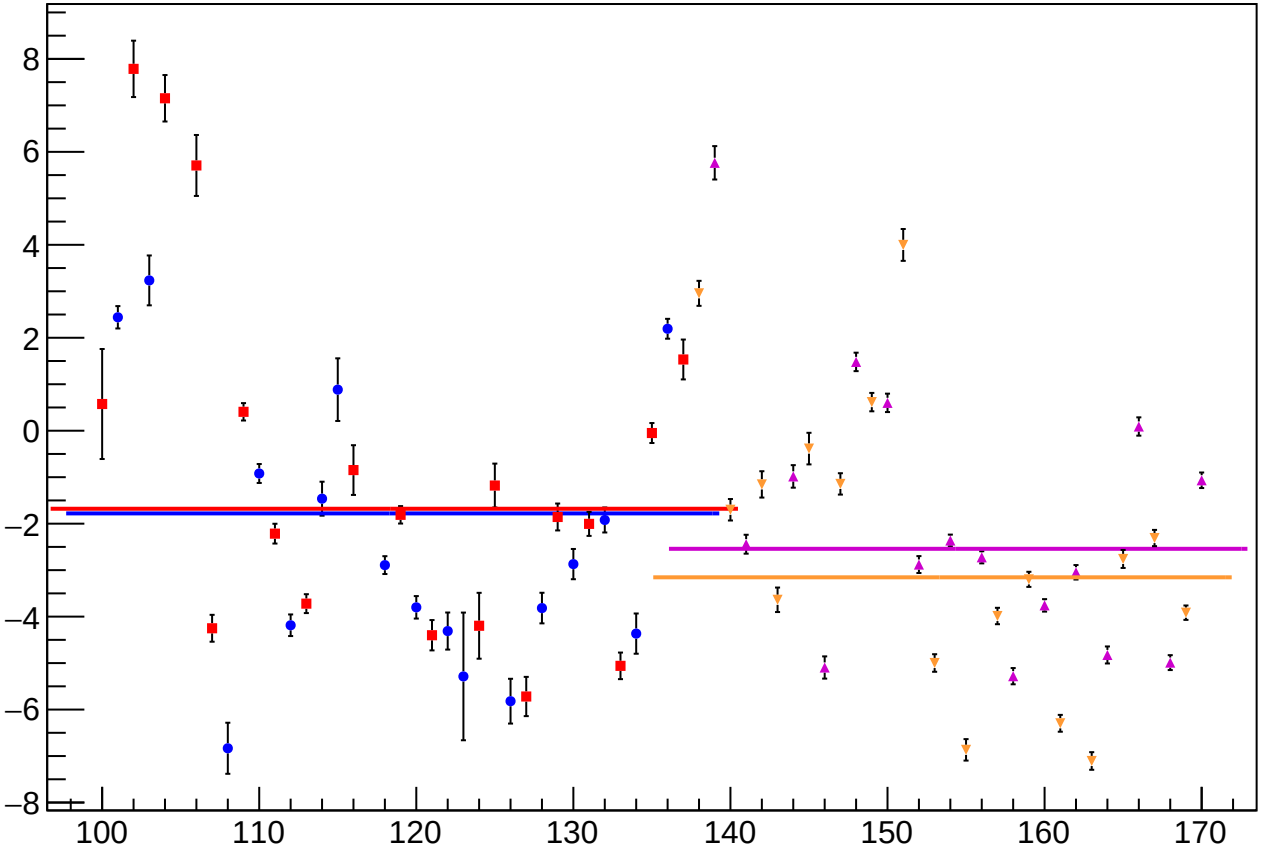
Left In: 18.612+/-0.051 χ^2/NDF:34912.9/15

+ sign 18.652+/-0.052 χ^2/NDF: 93730.2/33

All: 16.276+/-0.034 χ^2/NDF: 167179.8/68

- sign 14.485+/-0.046 χ^2/NDF: 69846.2/34

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -3.154+/-0.050 χ^2/NDF:2712.9/16

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

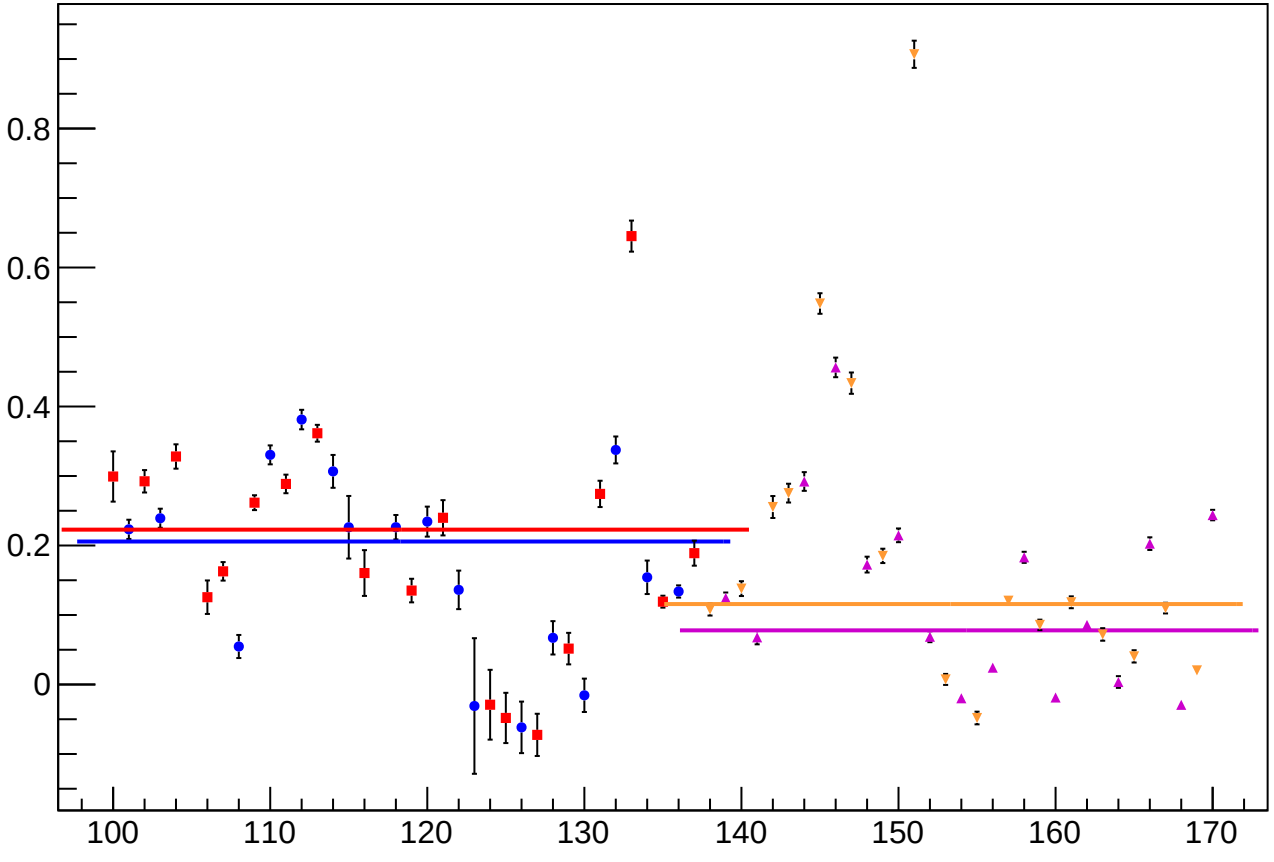
Left In: -2.541+/-0.044 χ^2/NDF:2342.6/15

+ sign -2.707+/-0.041 χ^2/NDF: 4229.3/33

All: -2.474+/-0.027 χ^2/NDF: 8172.4/68

- sign -2.291+/-0.037 χ^2/NDF: 3886.1/34

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.116+/-0.002 χ^2/NDF:3988.0/16

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.078+/-0.002 χ^2/NDF:3191.4/15

+ sign 0.136+/-0.002 χ^2/NDF: 4988.3/33

All: 0.119+/-0.001 χ^2/NDF: 10491.9/68

- sign 0.106+/-0.002 χ^2/NDF: 5380.6/34