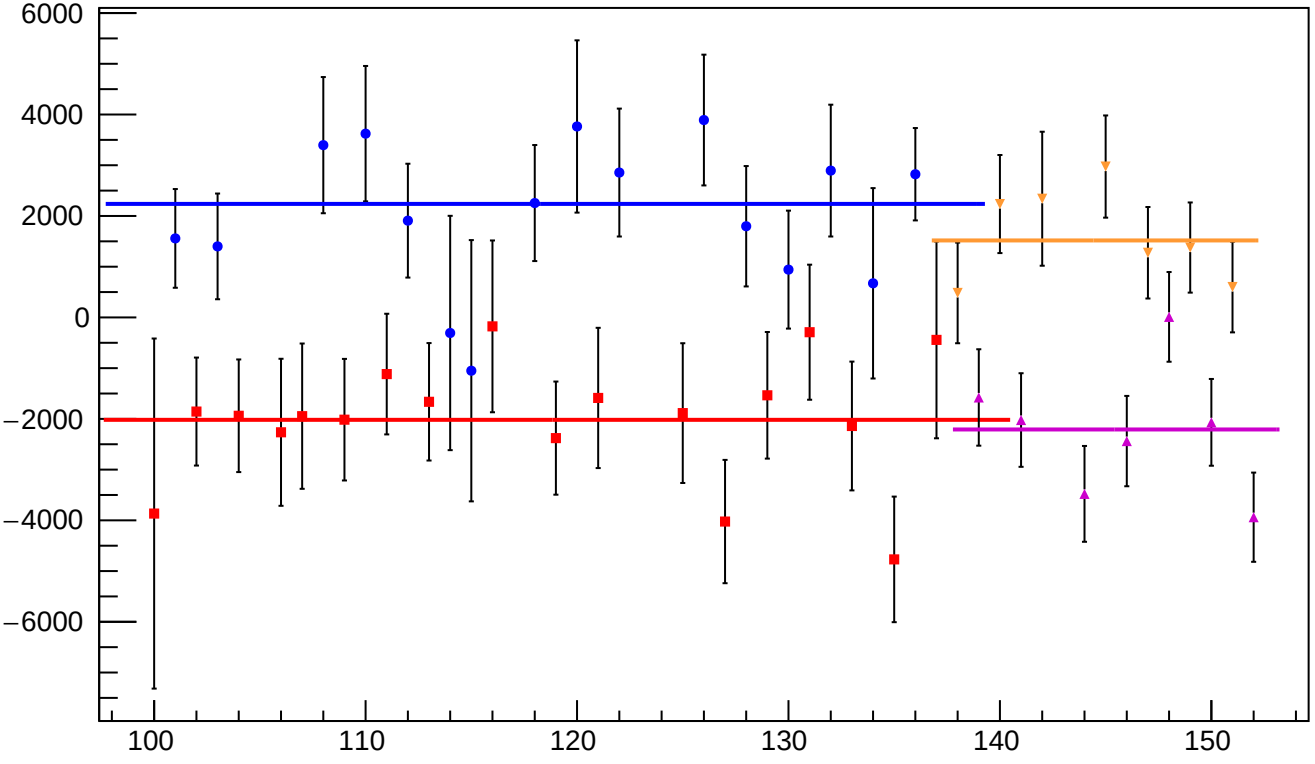
dit_asym_us_avg_mean vs Slug



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

Left Out: 1517.638+/-367.839 χ^2/NDF:5.3/6

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

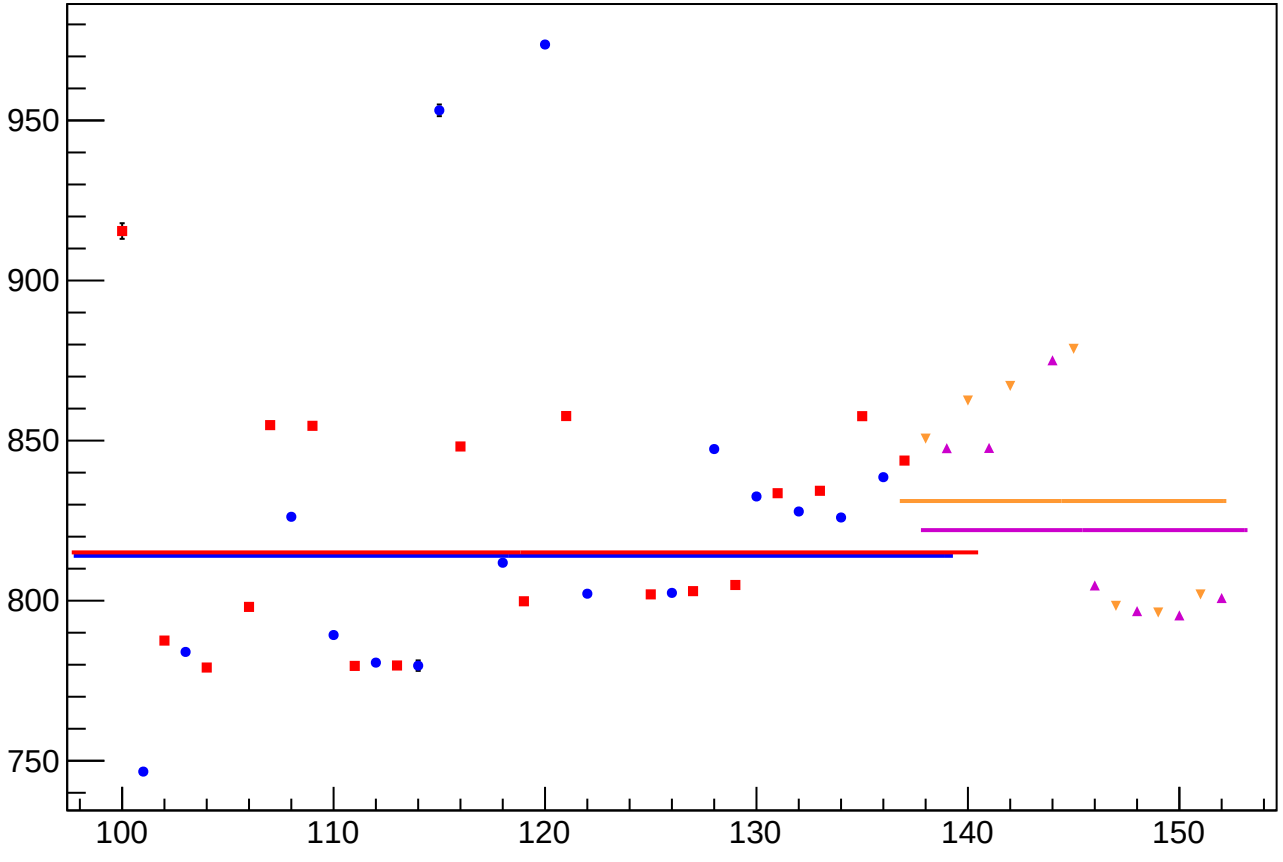
Left In: -2208.633+/-340.935 χ^2/NDF:12.5/6

+ sign 1933.588+/-239.102 χ^2/NDF: 18.8/22

All: -175.042+/-165.269 χ^2/NDF: 193.0/47

- sign -2104.121+/-228.696 χ^2/NDF: 25.3/24

dit_asym_us_avg_rms vs Slug



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

Left Out: 831.131+/-0.260 χ^2/NDF:16651.3/6

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

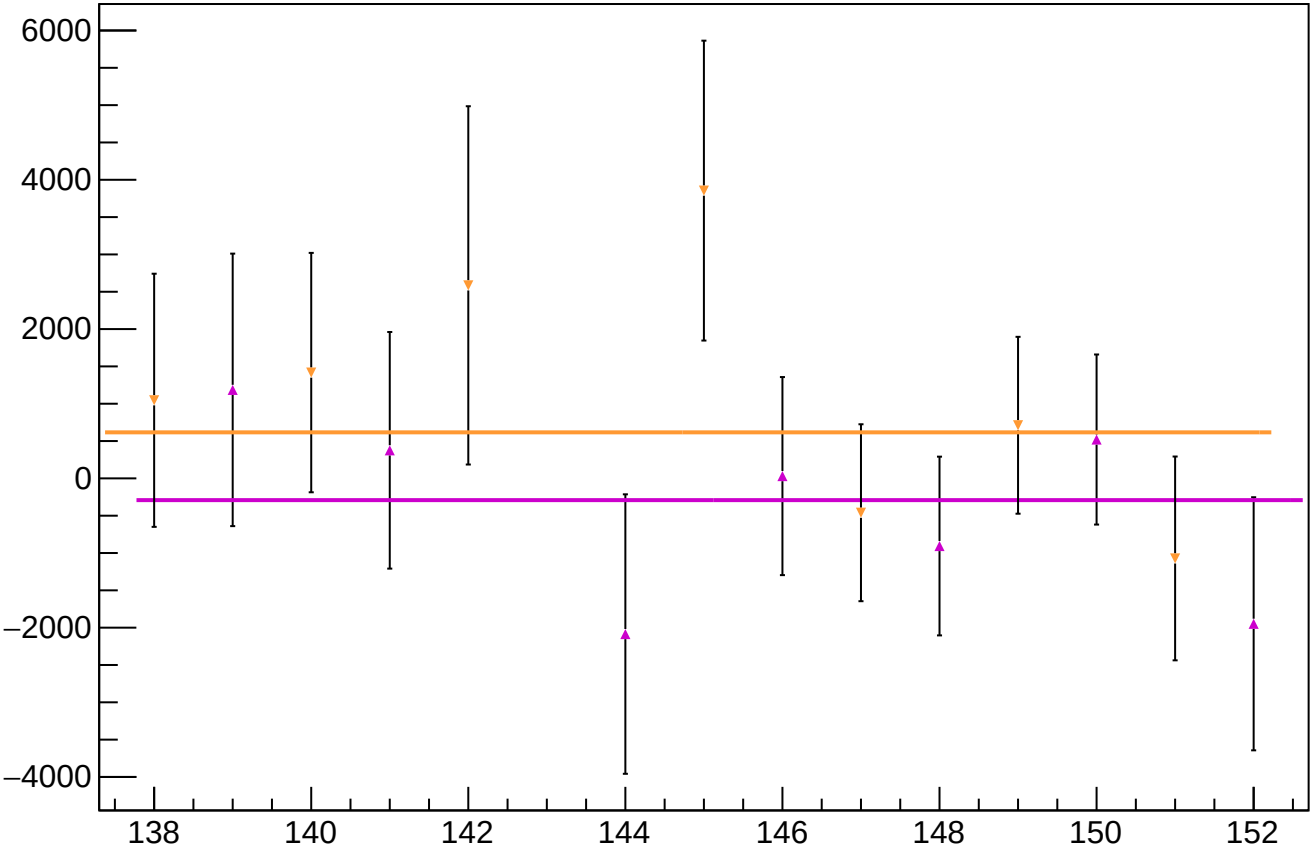
Left In: 822.042+/-0.241 χ^2/NDF:14800.9/6

+ sign 821.250+/-0.169 χ^2/NDF: 61191.7/22

All: 819.665+/-0.117 χ^2/NDF: 96578.3/47

- sign 818.215+/-0.162 χ^2/NDF: 35218.3/24

asym_us_avg_correction_mean vs Slug



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

Left Out: 616.497+/-566.214 χ^2/NDF:5.9/6

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

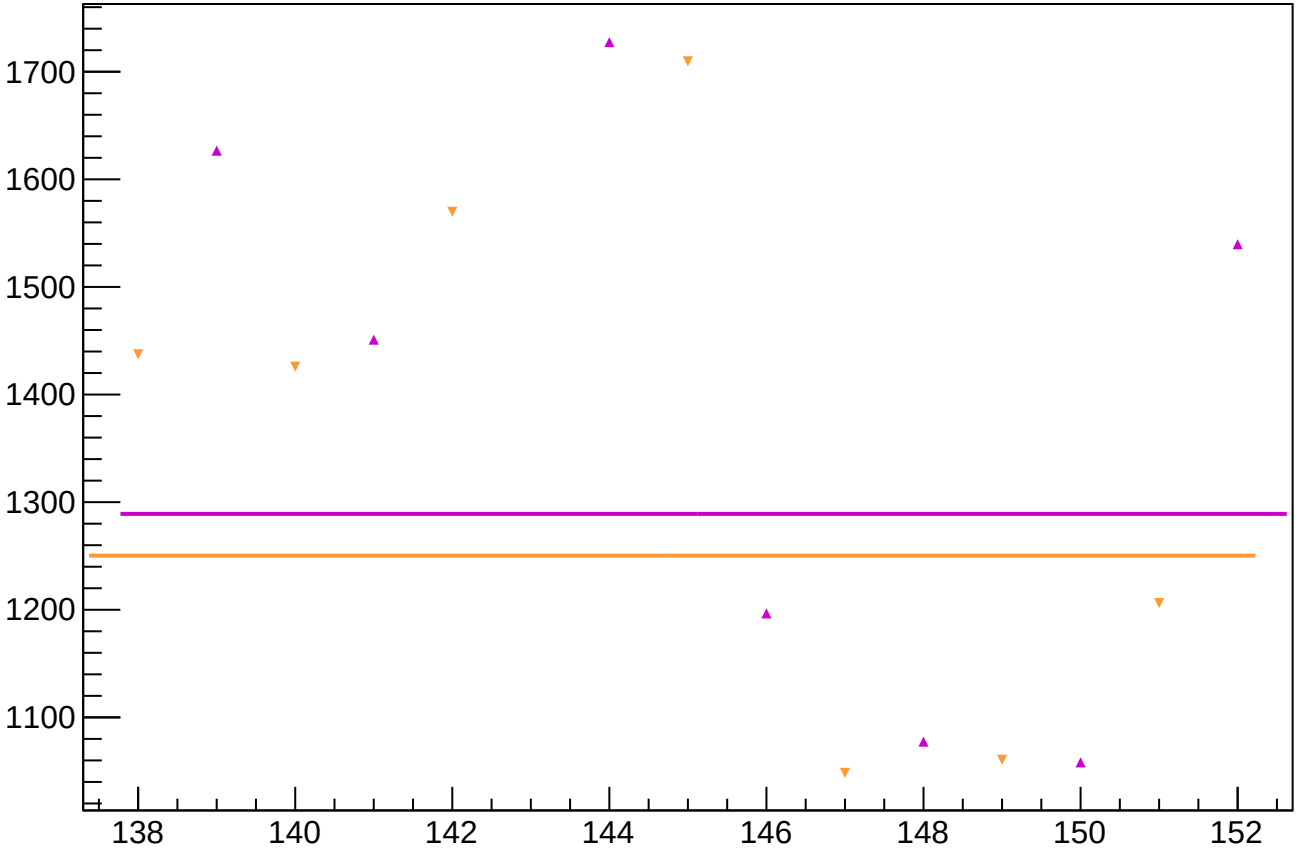
Left In: -291.477+/-544.922 χ^2/NDF:3.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 145.118+/-392.630 χ^2/NDF: 10.8/13

- 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: 1250.340+/-0.400 χ^2/NDF:299767.3/6

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

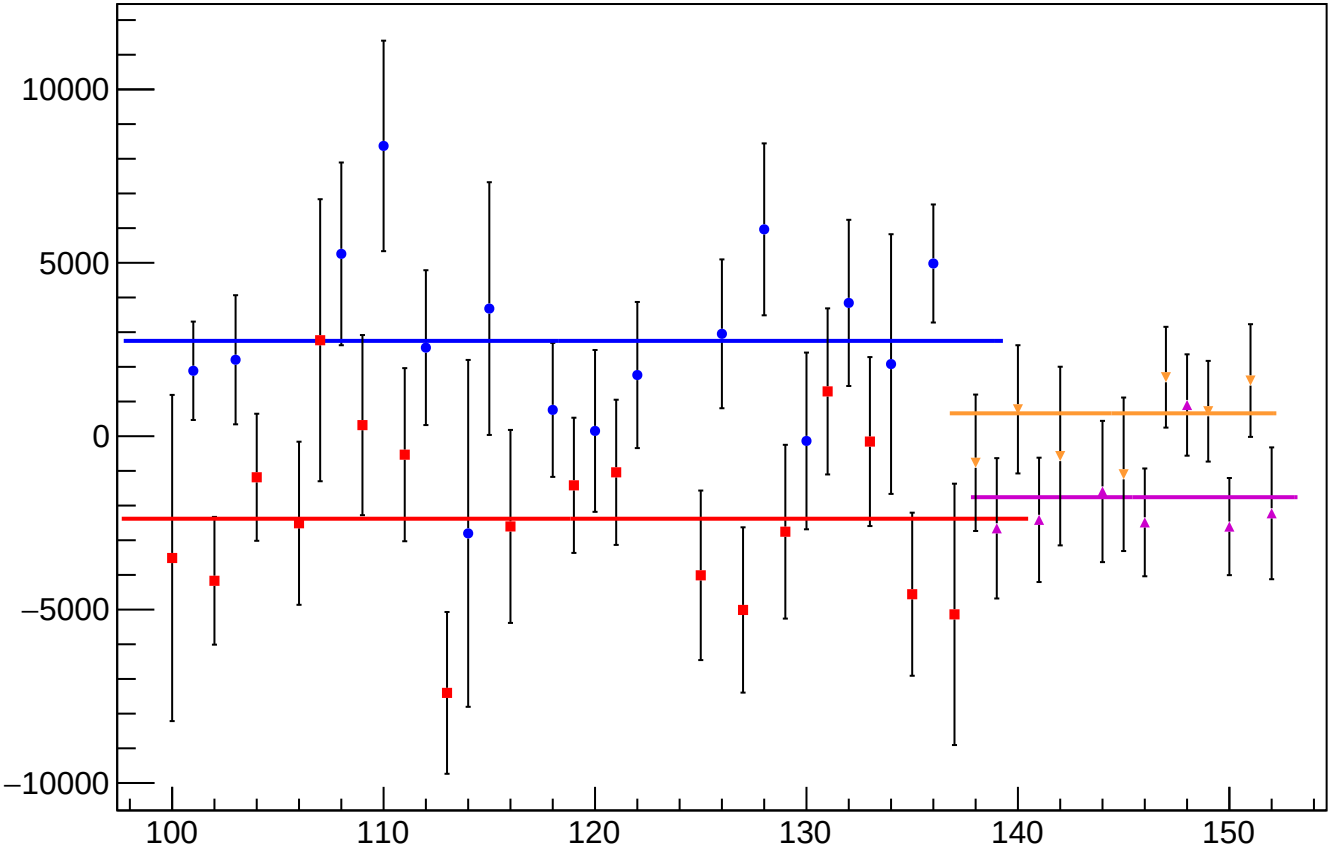
Left In: 1289.105+/-0.385 χ^2/NDF:397015.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1270.465+/-0.278 χ^2/NDF: 701649.1/13

- 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: 659.922+/-669.272 χ^2/NDF:2.2/6

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

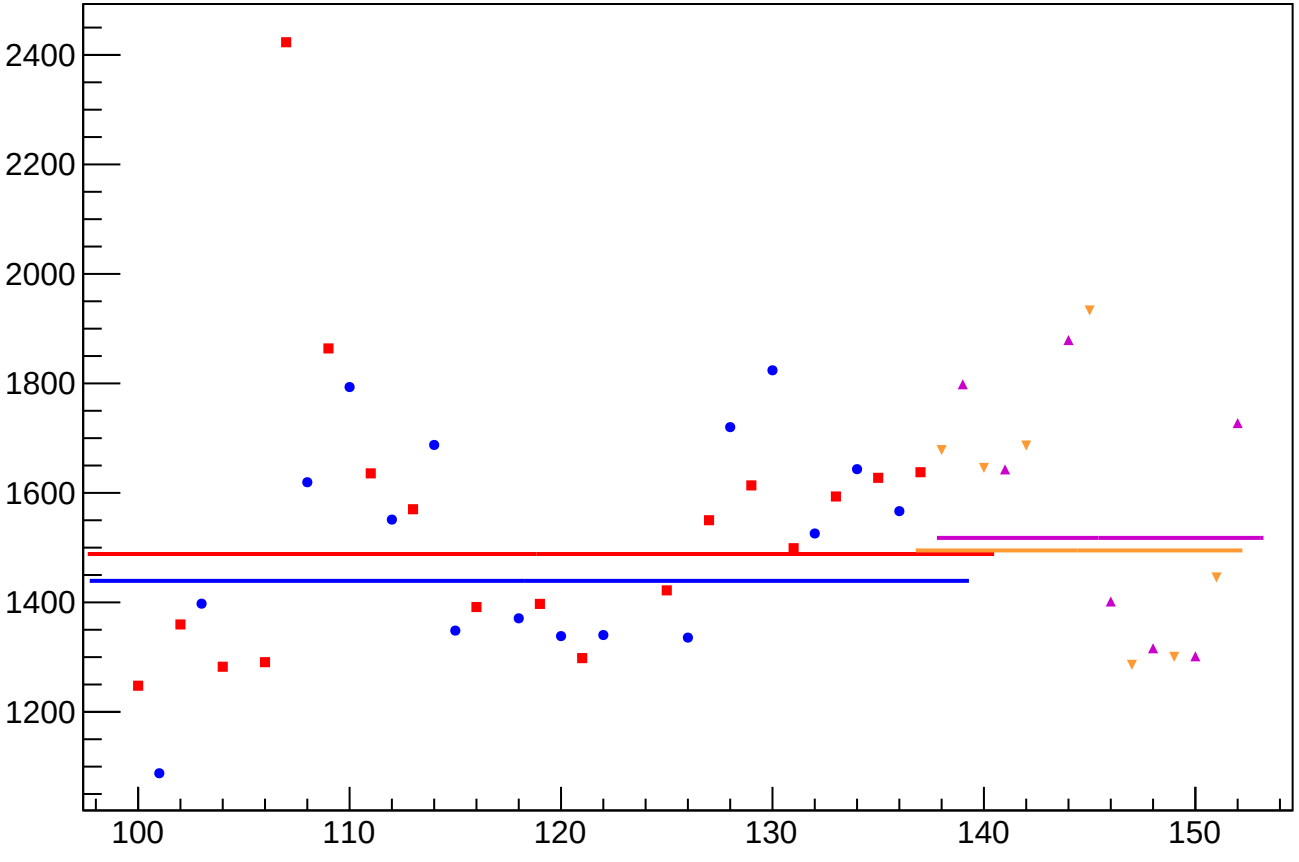
Left In: -1758.458+/-636.912 χ^2/NDF:4.3/6

+ sign 1883.265+/-430.809 χ^2/NDF: 21.5/22

All: -140.556+/-302.306 χ^2/NDF: 86.0/47

- sign -2103.833+/-424.316 χ^2/NDF: 21.0/24

asym_us_avg_rms vs Slug



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

Left Out: 1494.884+/-0.473 χ^2/NDF:199233.0/6

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

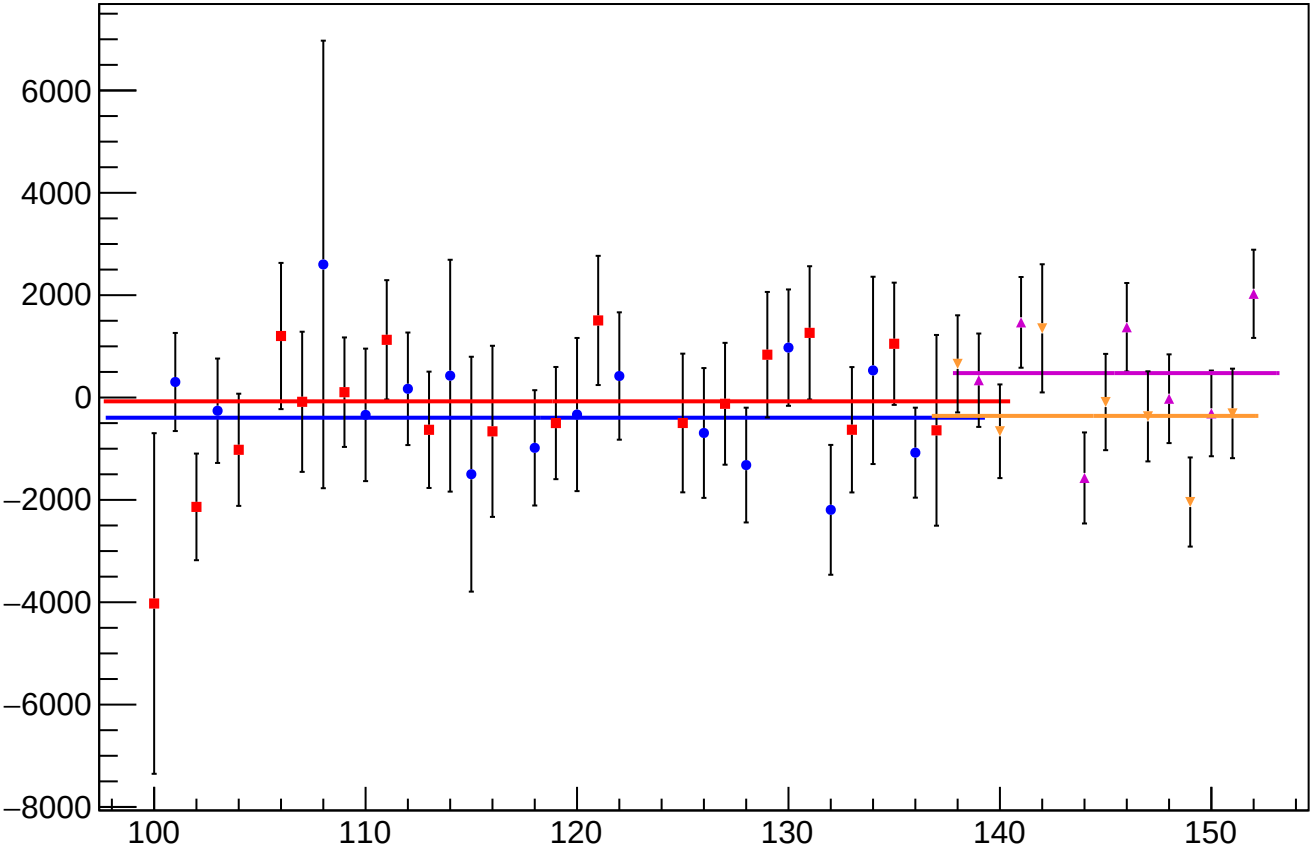
Left In: 1517.803+/-0.450 χ^2/NDF:232455.2/6

+ sign 1462.350+/-0.305 χ^2/NDF: 485163.6/22

All: 1482.192+/-0.214 χ^2/NDF: 984675.4/47

- sign 1501.441+/-0.300 χ^2/NDF: 491153.2/24

dit_asym_us_dd_mean vs Slug



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

Left Out: -358.661+/-353.805 χ^2/NDF:6.9/6

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

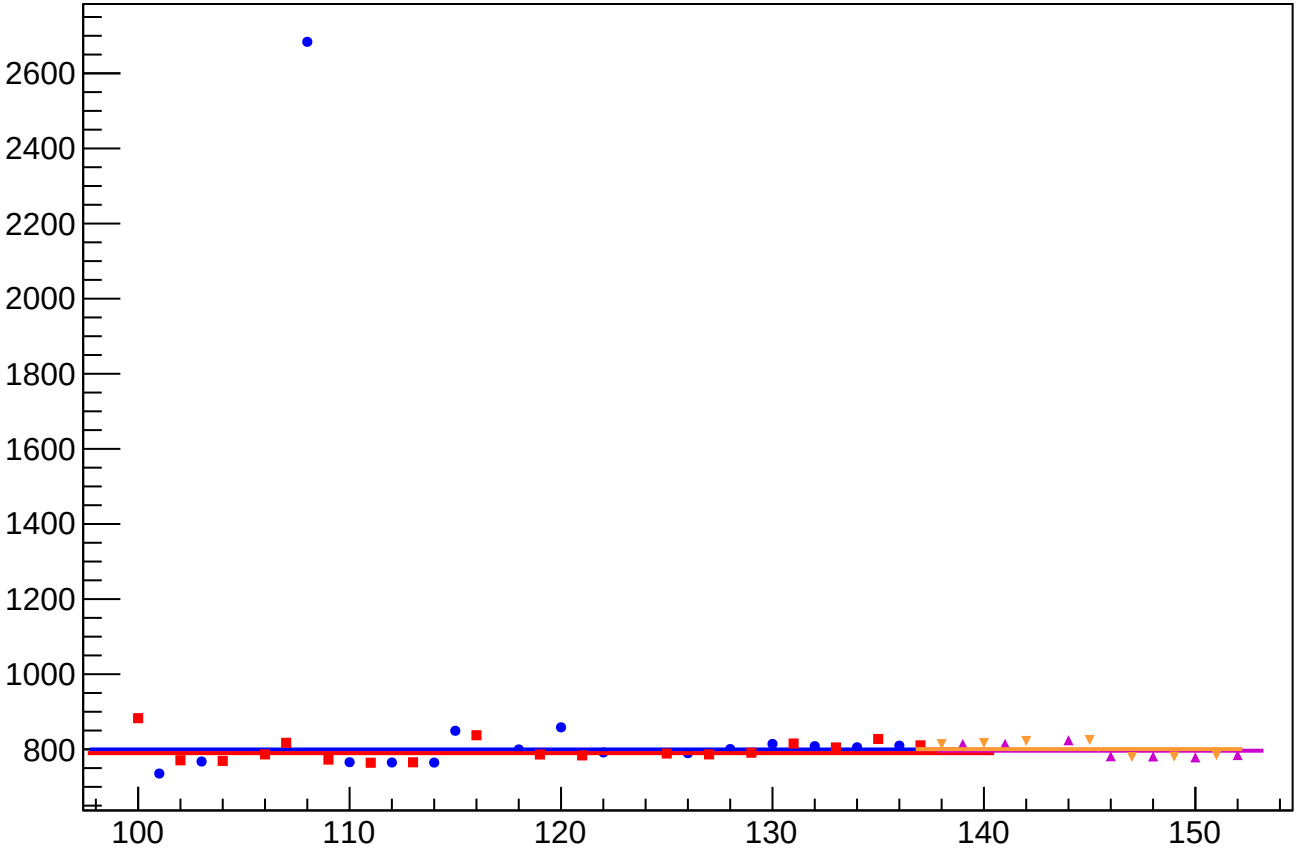
Left In: 477.317+/-330.067 χ^2/NDF:12.1/6

+ sign -378.679+/-234.503 χ^2/NDF: 14.4/22

All: -86.519+/-160.968 χ^2/NDF: 43.9/47

- sign 173.789+/-221.351 χ^2/NDF: 26.6/24

dit_asym_us_dd_rms vs Slug



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

Left Out: 800.561+/-0.250 χ^2/NDF:5858.1/6

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

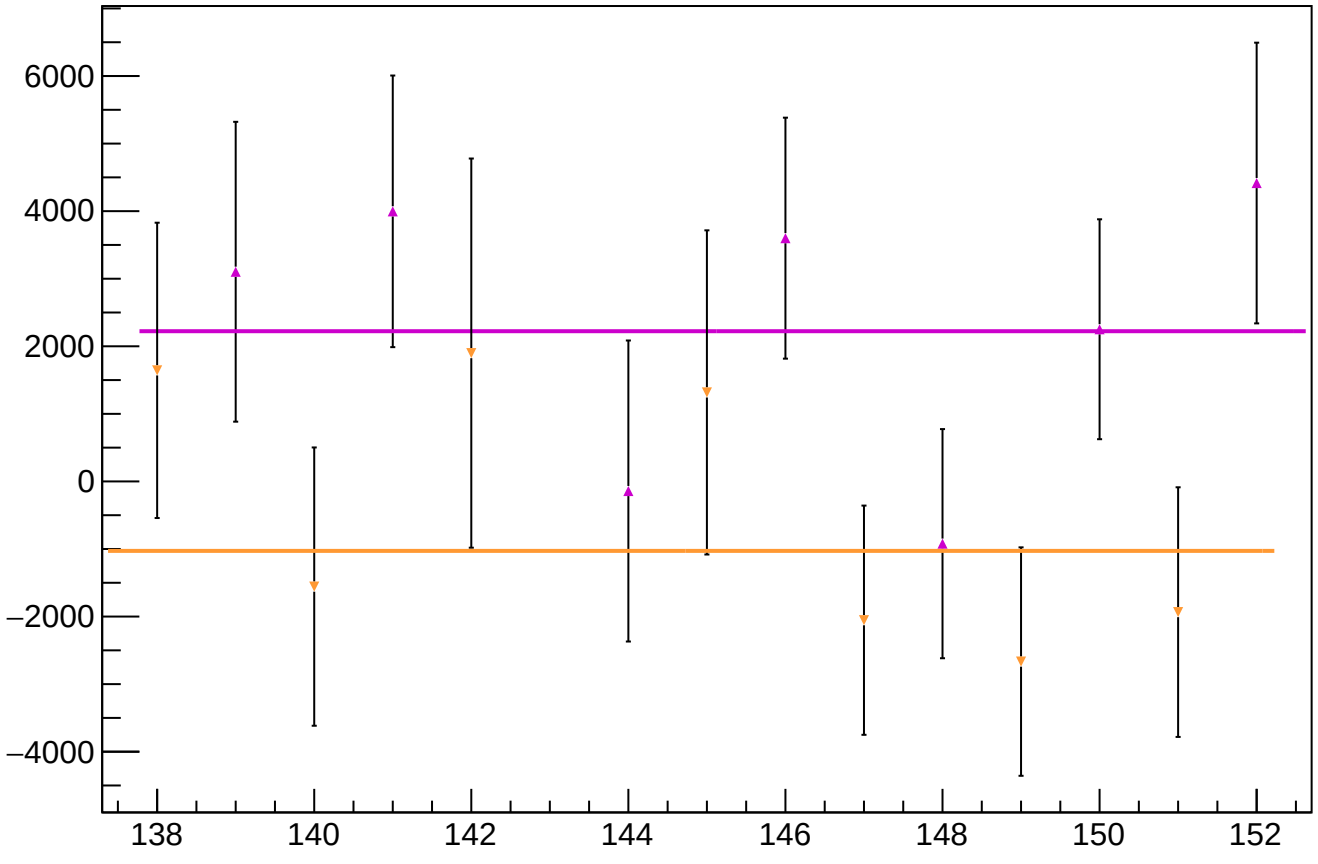
Left In: 796.277+/-0.233 χ^2/NDF:6067.2/6

+ sign 799.987+/-0.166 χ^2/NDF: 397053.4/22

All: 796.139+/-0.114 χ^2/NDF: 415738.8/47

- sign 792.710+/-0.157 χ^2/NDF: 17666.7/24

asym_us_dd_correction_mean vs Slug



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

Left Out: -1028.032+/-760.295 χ^2/NDF:5.1/6

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

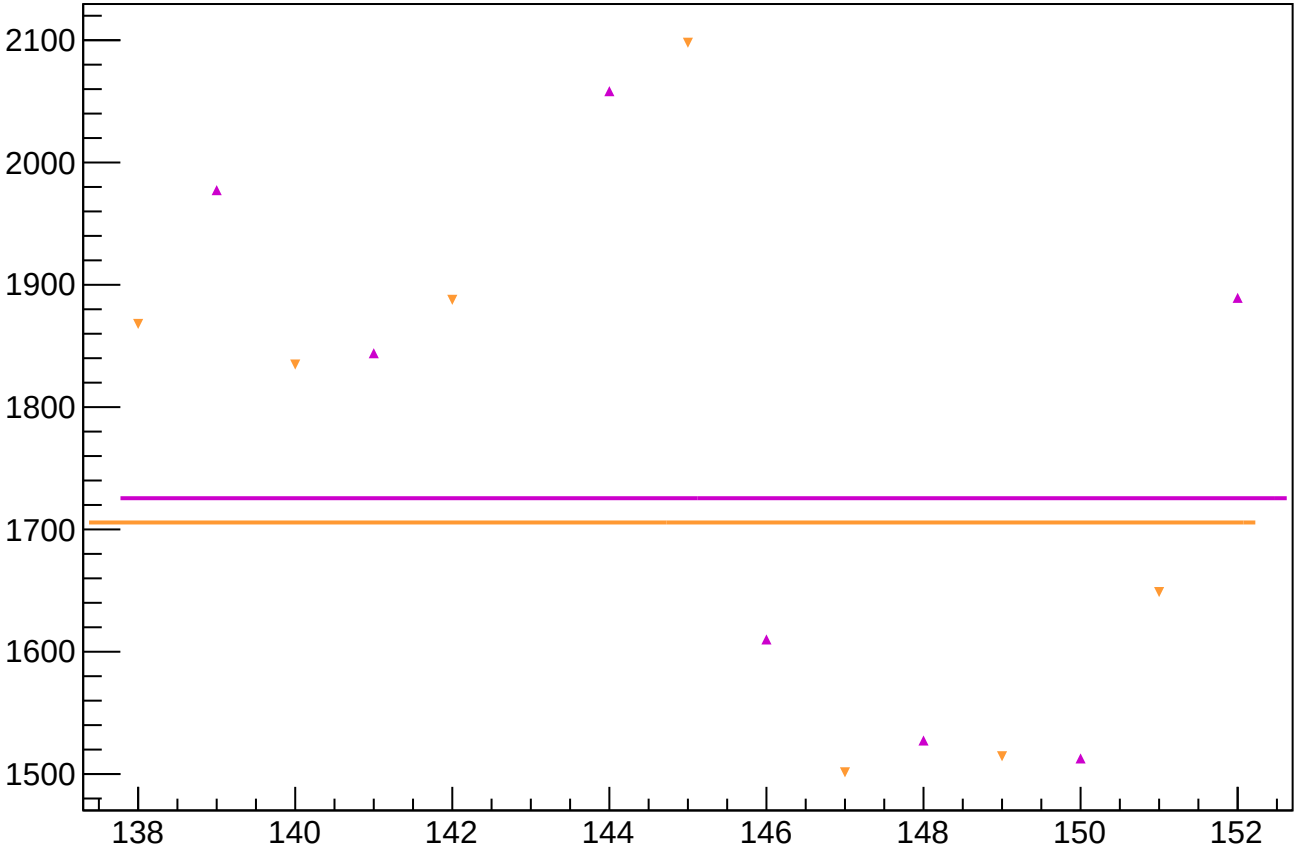
Left In: 2223.182+/-720.989 χ^2/NDF:7.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 683.787+/-523.160 χ^2/NDF: 21.9/13

- 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: 1705.681+/-0.538 χ^2/NDF:136830.4/6

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

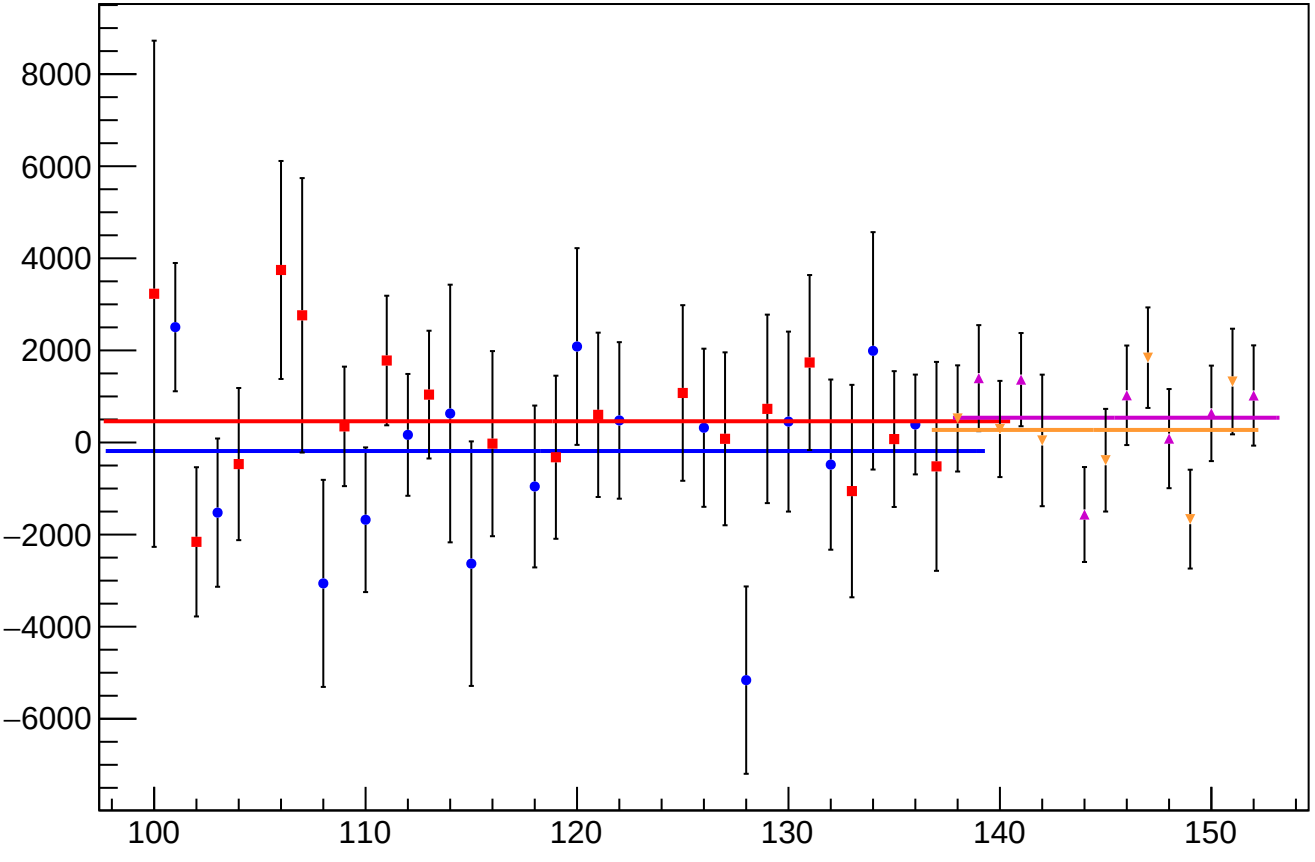
Left In: 1725.520+/-0.510 χ^2/NDF:159671.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1716.127+/-0.370 χ^2/NDF: 297218.6/13

- 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: 272.831+/-429.118 χ^2/NDF:6.6/6

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

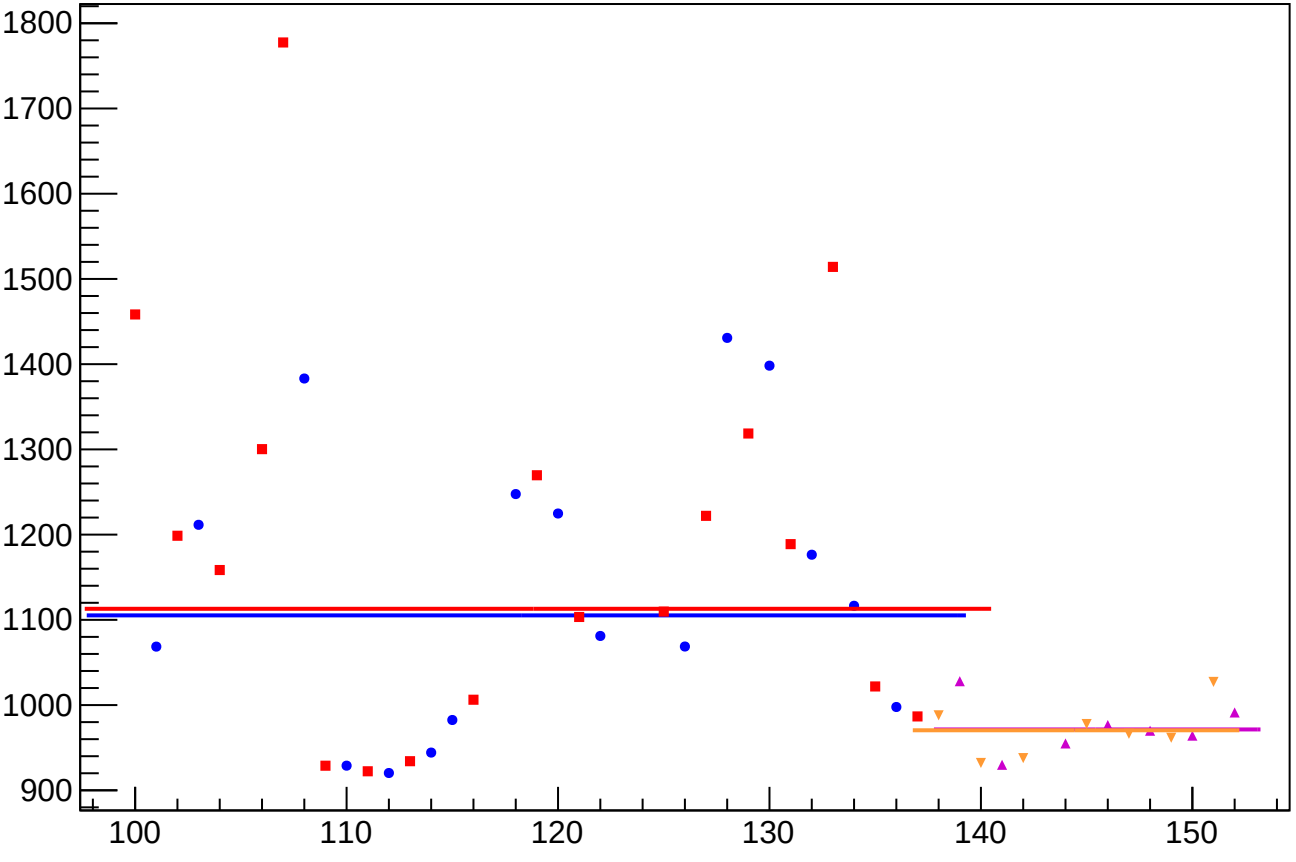
Left In: 537.888+/-402.799 χ^2/NDF:6.0/6

+ sign 45.153+/-304.269 χ^2/NDF: 23.8/22

All: 282.104+/-211.046 χ^2/NDF: 39.3/47

- sign 501.797+/-292.979 χ^2/NDF: 14.3/24

asym_us_dd_rms vs Slug



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

Left Out: 970.429+/-0.303 χ^2/NDF:9346.6/6

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

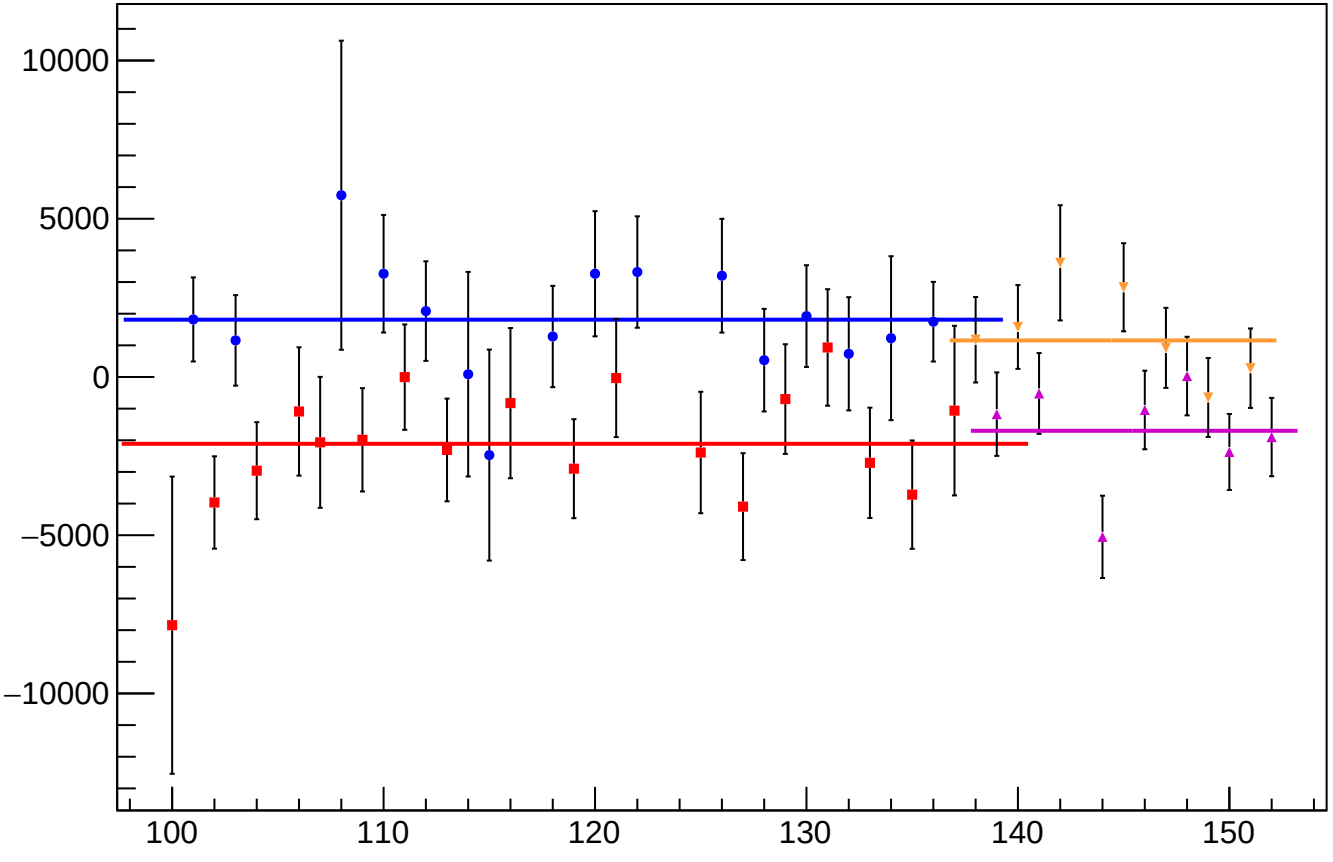
Left In: 971.404+/-0.285 χ^2/NDF:9514.5/6

+ sign 1037.460+/-0.215 χ^2/NDF: 362857.4/22

All: 1037.780+/-0.149 χ^2/NDF: 851722.9/47

- sign 1038.077+/-0.207 χ^2/NDF: 488861.2/24

dit_asym_usl_mean vs Slug



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

Left Out: 1155.337+/-510.432 χ^2/NDF:6.0/6

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

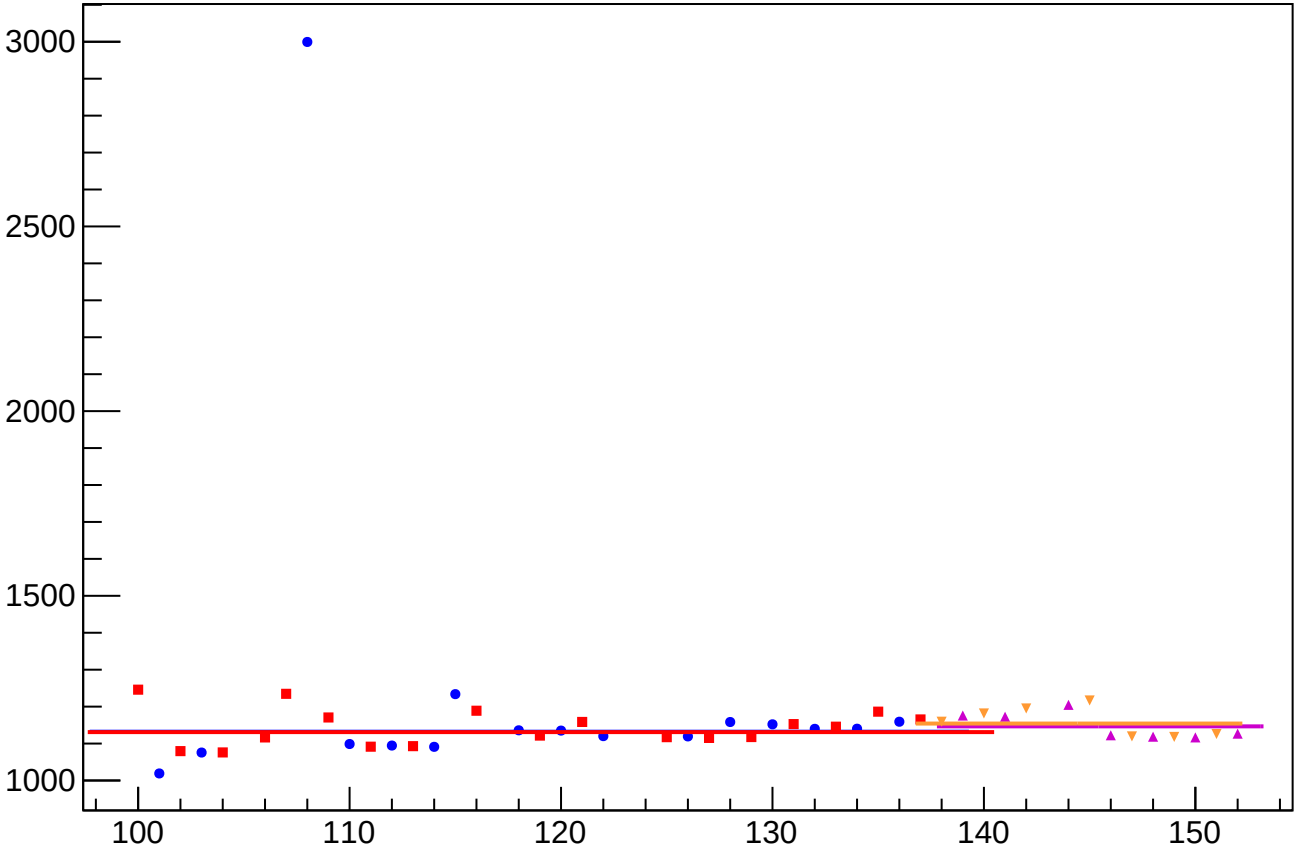
Left In: -1700.349+/-475.403 χ^2/NDF:10.2/6

+ sign 1529.964+/-334.197 χ^2/NDF: 13.4/22

All: -284.748+/-230.355 χ^2/NDF: 93.2/47

- sign -1927.318+/-317.951 χ^2/NDF: 23.7/24

dit_asym_usl_rms vs Slug



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

Left Out: 1154.154+/-0.361 χ^2/NDF:10131.4/6

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

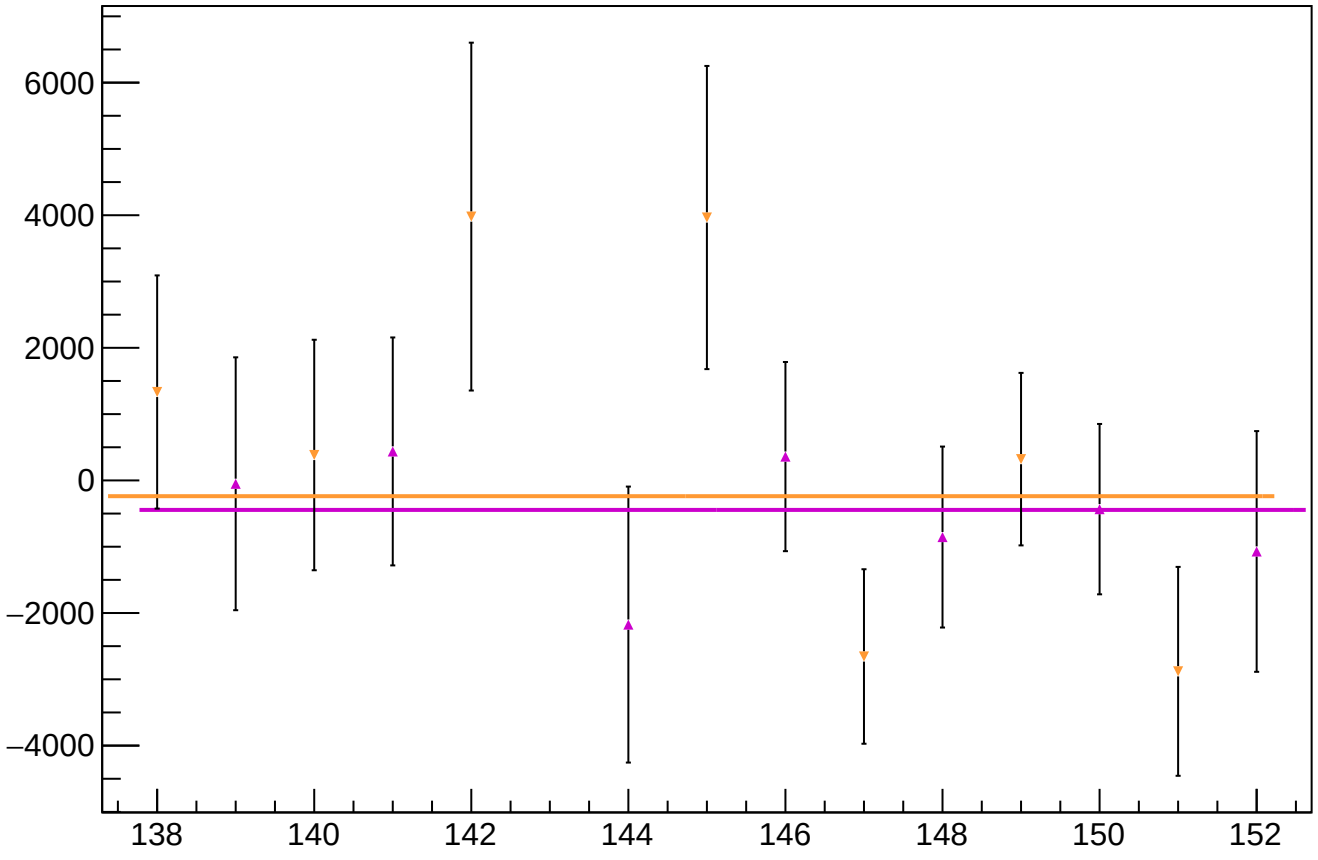
Left In: 1146.568+/-0.336 χ^2/NDF:9351.4/6

+ sign 1141.539+/-0.236 χ^2/NDF: 328295.7/22

All: 1139.667+/-0.163 χ^2/NDF: 358668.6/47

- sign 1137.972+/-0.225 χ^2/NDF: 30253.3/24

asym_usl_correction_mean vs Slug



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

Left Out: -237.827+/-624.758 χ^2/NDF:13.3/6

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

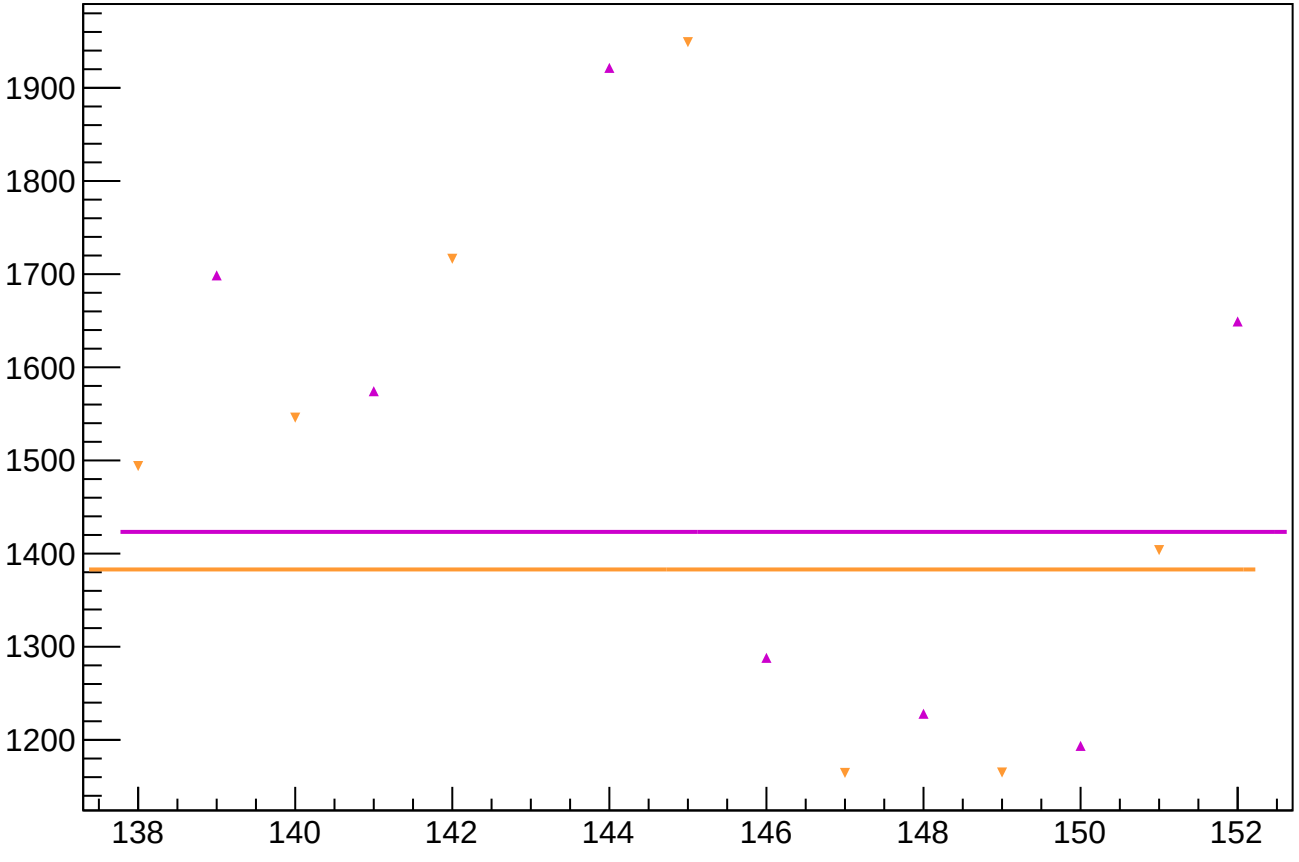
Left In: -444.878+/-599.607 χ^2/NDF:1.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -345.604+/-432.604 χ^2/NDF: 14.8/13

- 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: 1382.976+/-0.442 χ^2/NDF:292057.1/6

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

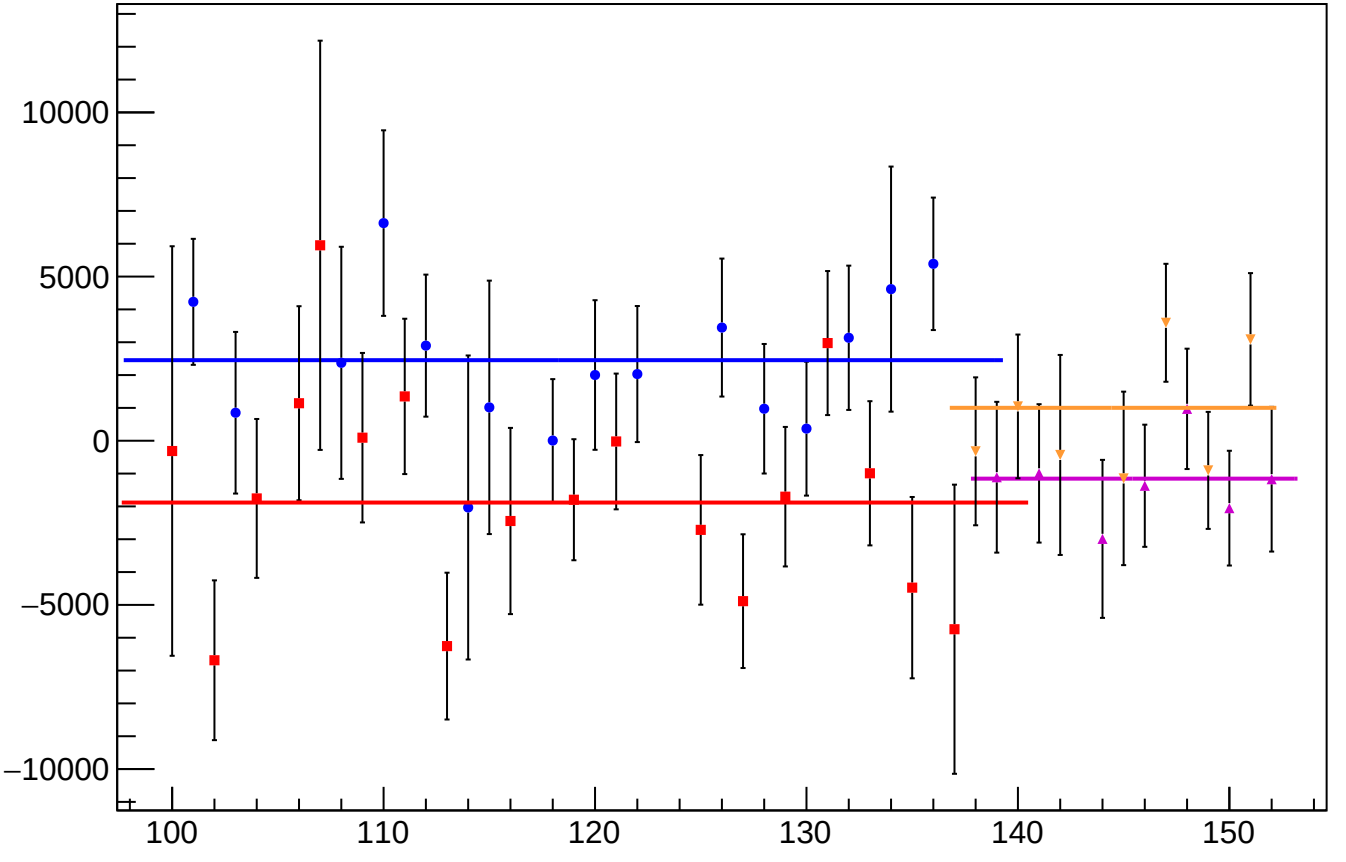
Left In: 1423.299+/-0.424 χ^2/NDF:325487.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1403.965+/-0.306 χ^2/NDF: 621881.2/13

- 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: 1002.263+/-809.196 χ^2/NDF:5.5/6

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

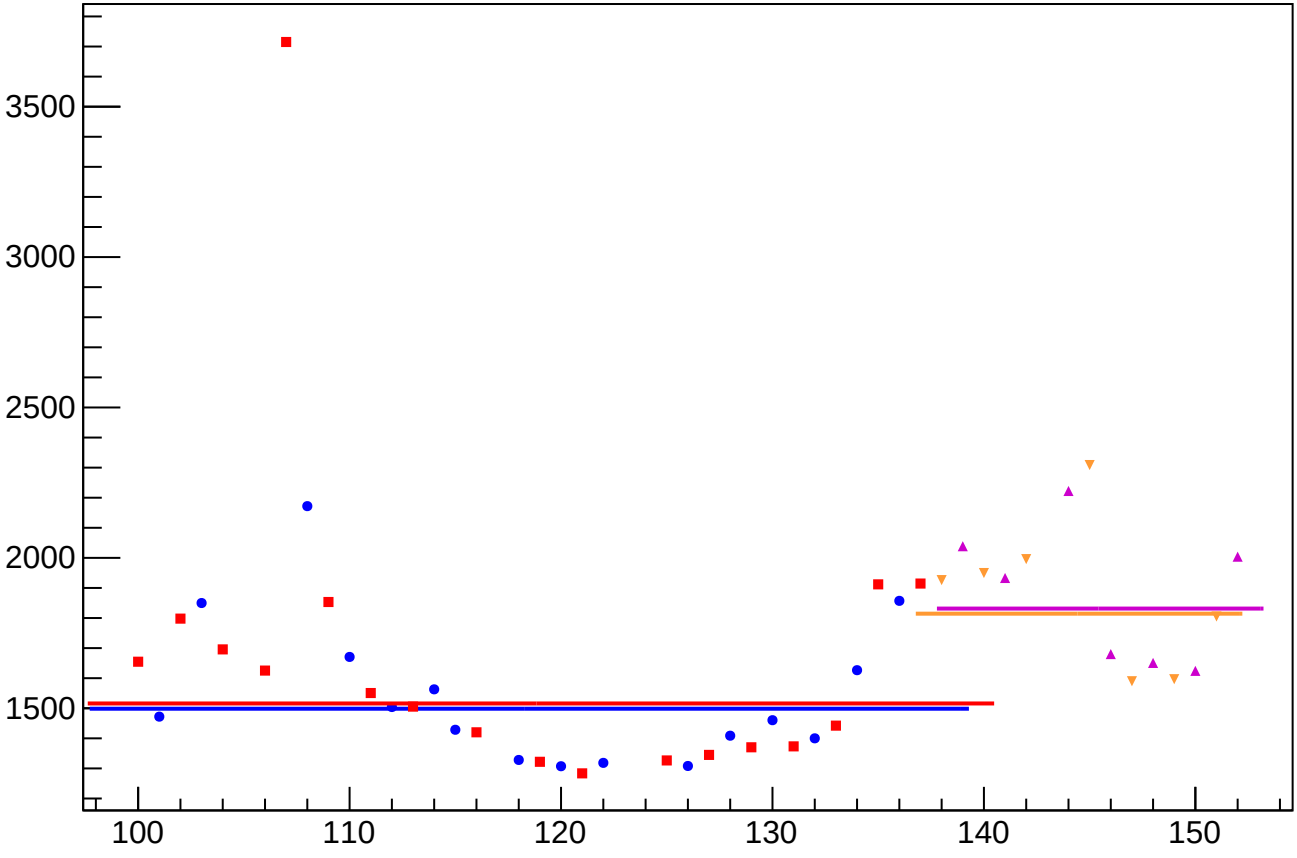
Left In: -1154.799+/-765.293 χ^2/NDF:2.2/6

+ sign 1956.256+/-473.717 χ^2/NDF: 18.4/22

All: 132.903+/-331.427 χ^2/NDF: 72.9/47

- sign -1615.322+/-463.855 χ^2/NDF: 25.5/24

asym_usl_rms vs Slug



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

Left Out: 1814.482+/-0.572 χ^2/NDF:150799.6/6

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

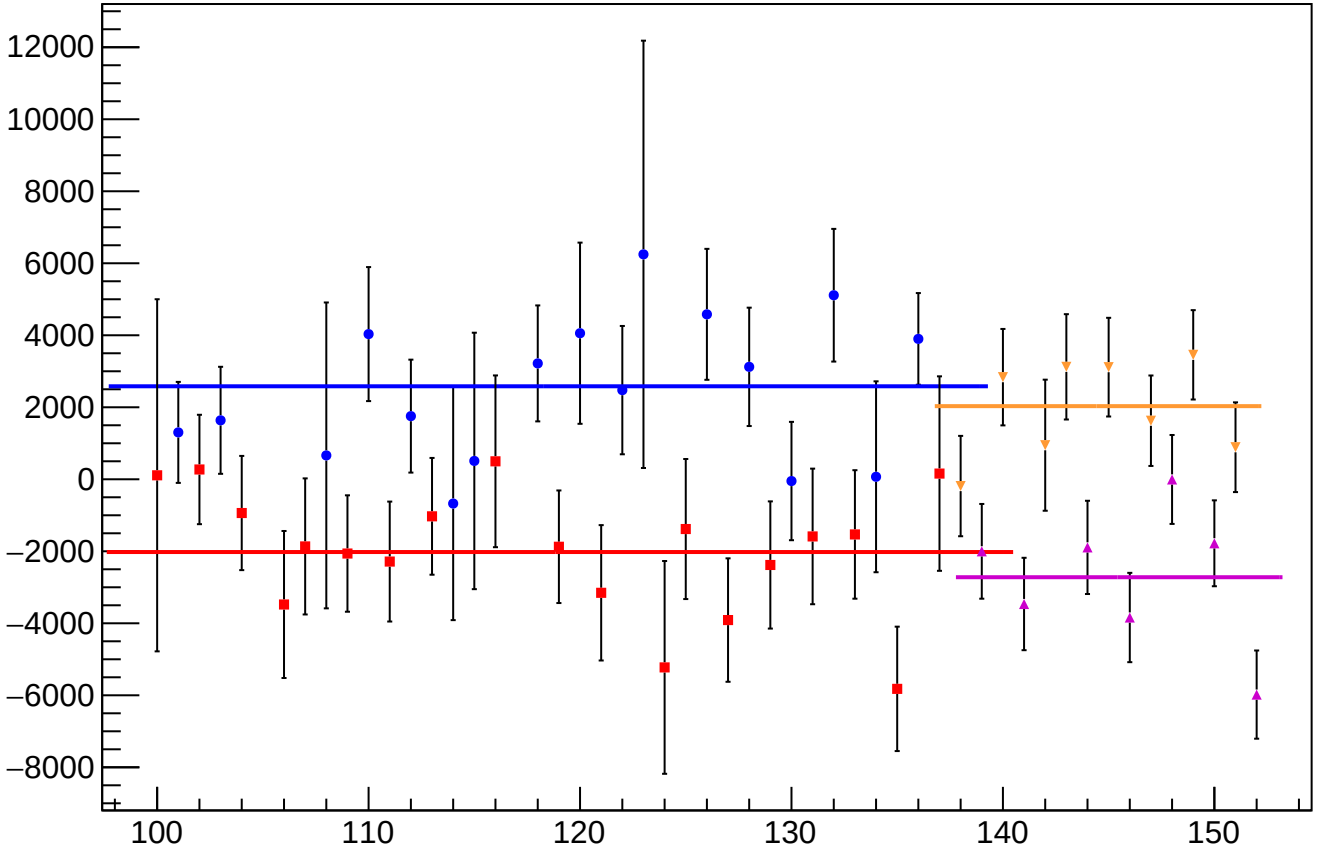
Left In: 1831.428+/-0.541 χ^2/NDF:146732.7/6

+ sign 1606.781+/-0.335 χ^2/NDF: 610075.1/22

All: 1619.578+/-0.234 χ^2/NDF: 1455220.2/47

- sign 1631.848+/-0.328 χ^2/NDF: 842286.2/24

dit_asym_usr_mean vs Slug



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

Left Out: 2031.292+/-482.207 χ^2/NDF:6.7/7

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

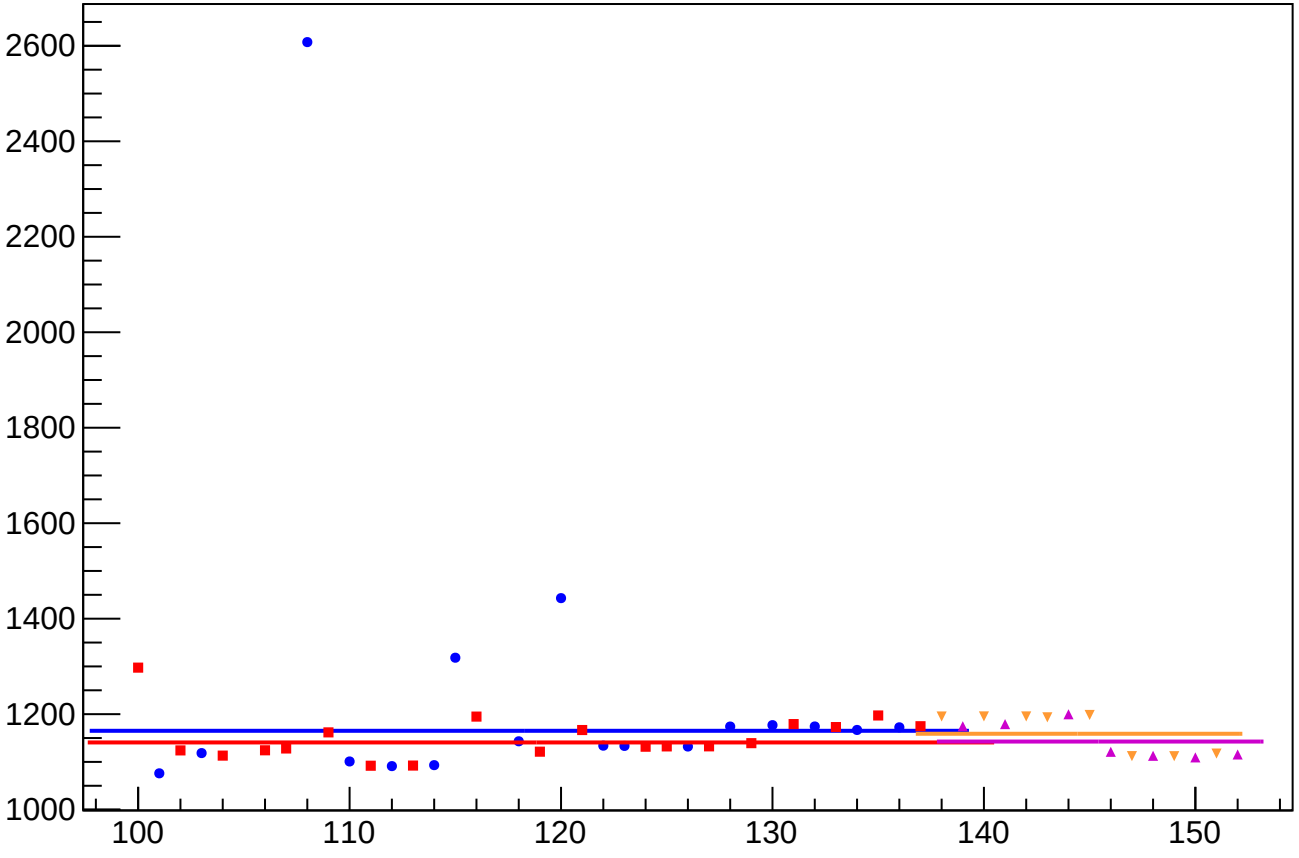
Left In: -2720.351+/-473.745 χ^2/NDF:14.4/6

+ sign 2324.236+/-330.237 χ^2/NDF: 19.7/24

All: -99.617+/-228.718 χ^2/NDF: 152.3/50

- sign -2334.135+/-317.077 χ^2/NDF: 29.1/25

dit_asym_usr_rms vs Slug



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

Left Out: 1158.929+/-0.341 χ^2/NDF:14242.1/7

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

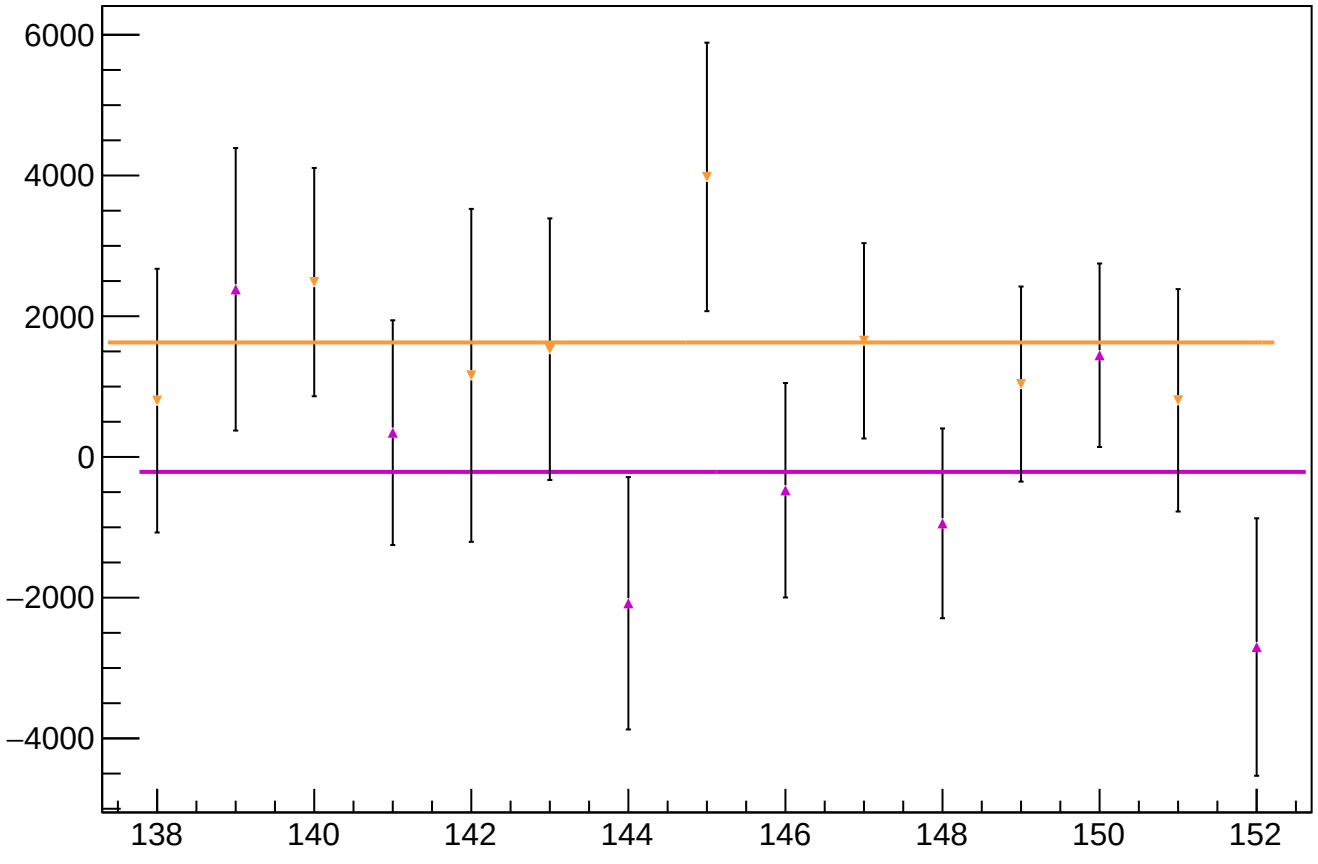
Left In: 1142.621+/-0.335 χ^2/NDF:10987.1/6

+ sign 1162.230+/-0.234 χ^2/NDF: 292988.8/24

All: 1151.490+/-0.162 χ^2/NDF: 320776.4/50

- sign 1141.589+/-0.224 χ^2/NDF: 23722.0/25

asym_usr_correction_mean vs Slug



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

Left Out: 1627.443+/-592.666 χ^2/NDF:2.5/7

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

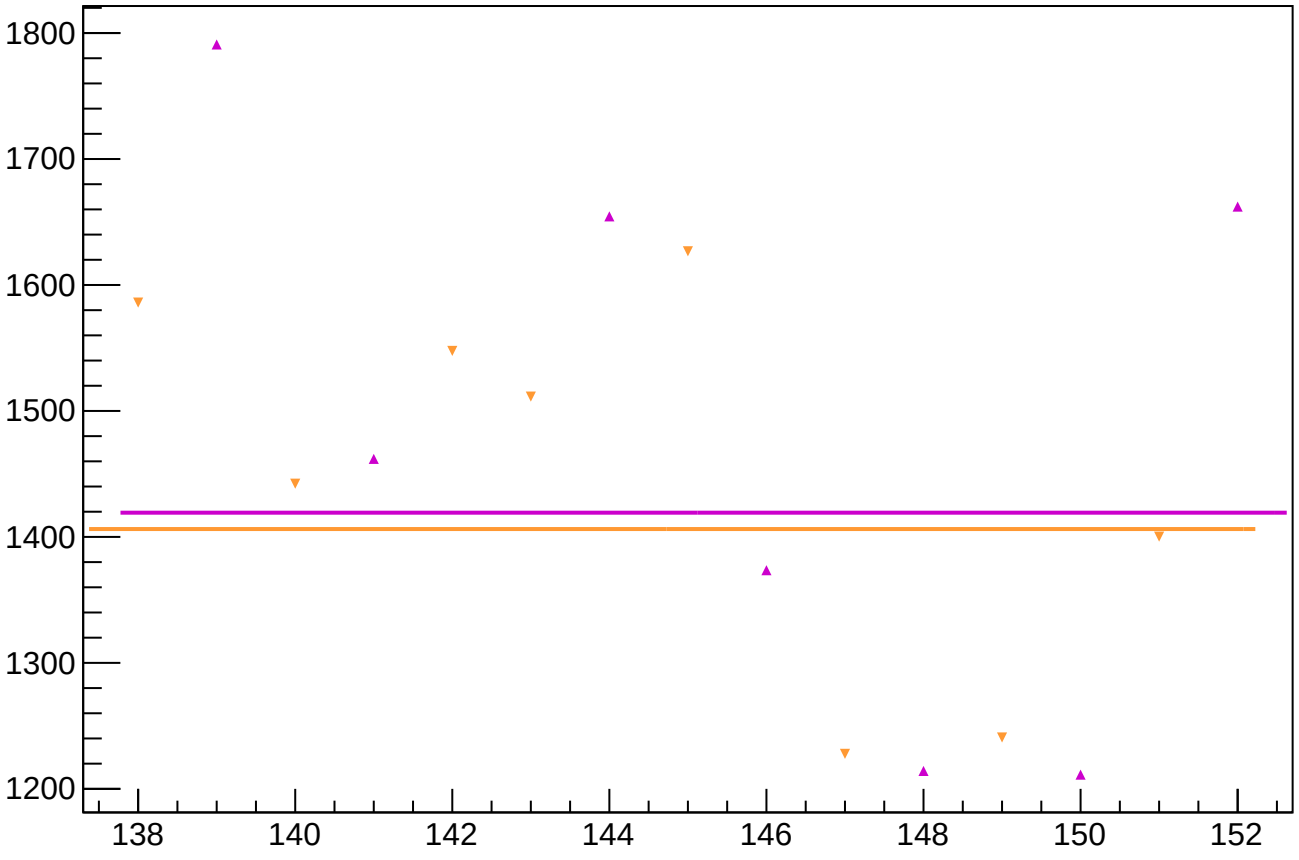
Left In: -212.587+/-595.678 χ^2/NDF:6.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 712.091+/-420.139 χ^2/NDF: 14.0/14

- 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: 1406.250+/-0.419 χ^2/NDF:121221.5/7

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

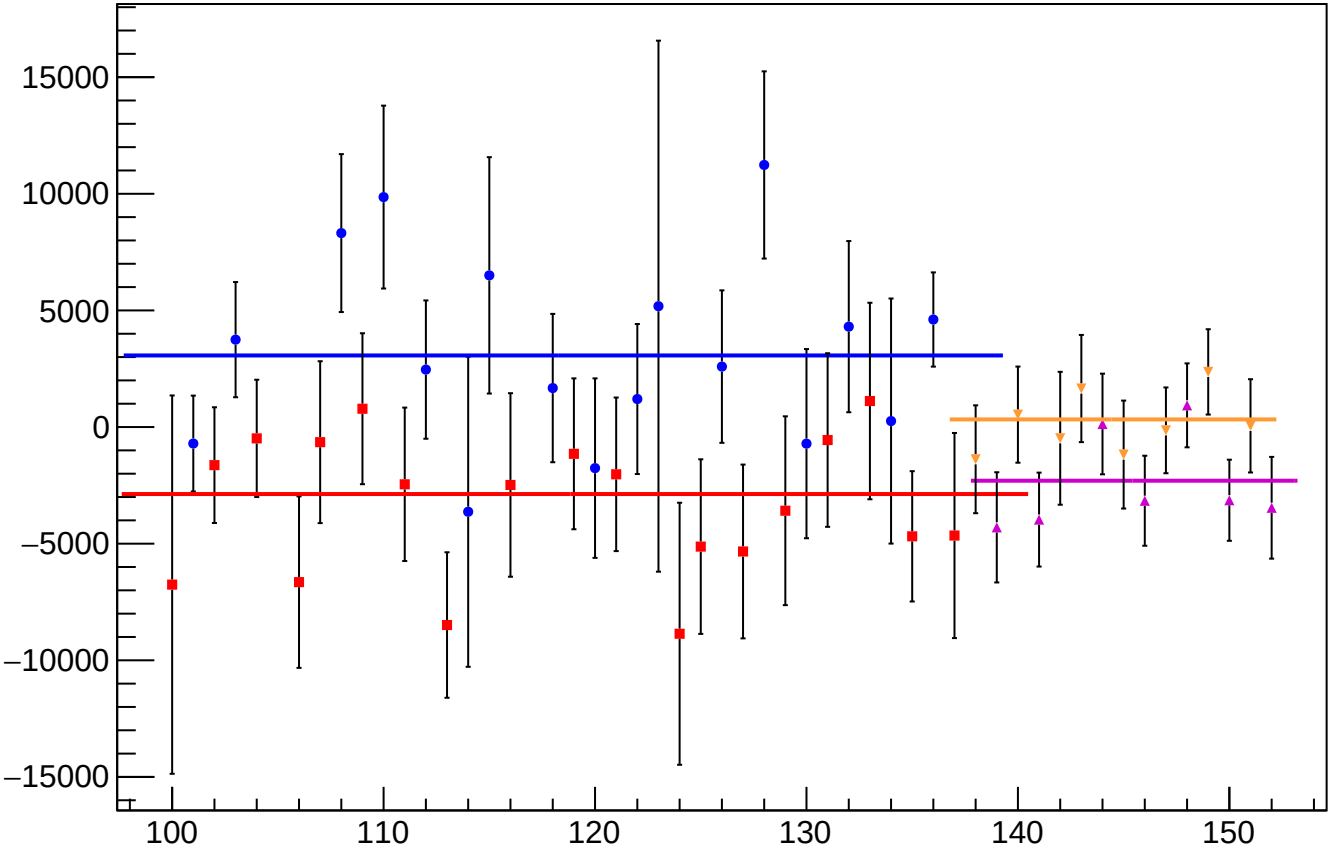
Left In: 1419.234+/-0.421 χ^2/NDF:238555.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1412.709+/-0.297 χ^2/NDF: 360254.0/14

- 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: 327.043+/-752.370 χ^2/NDF:2.7/7

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

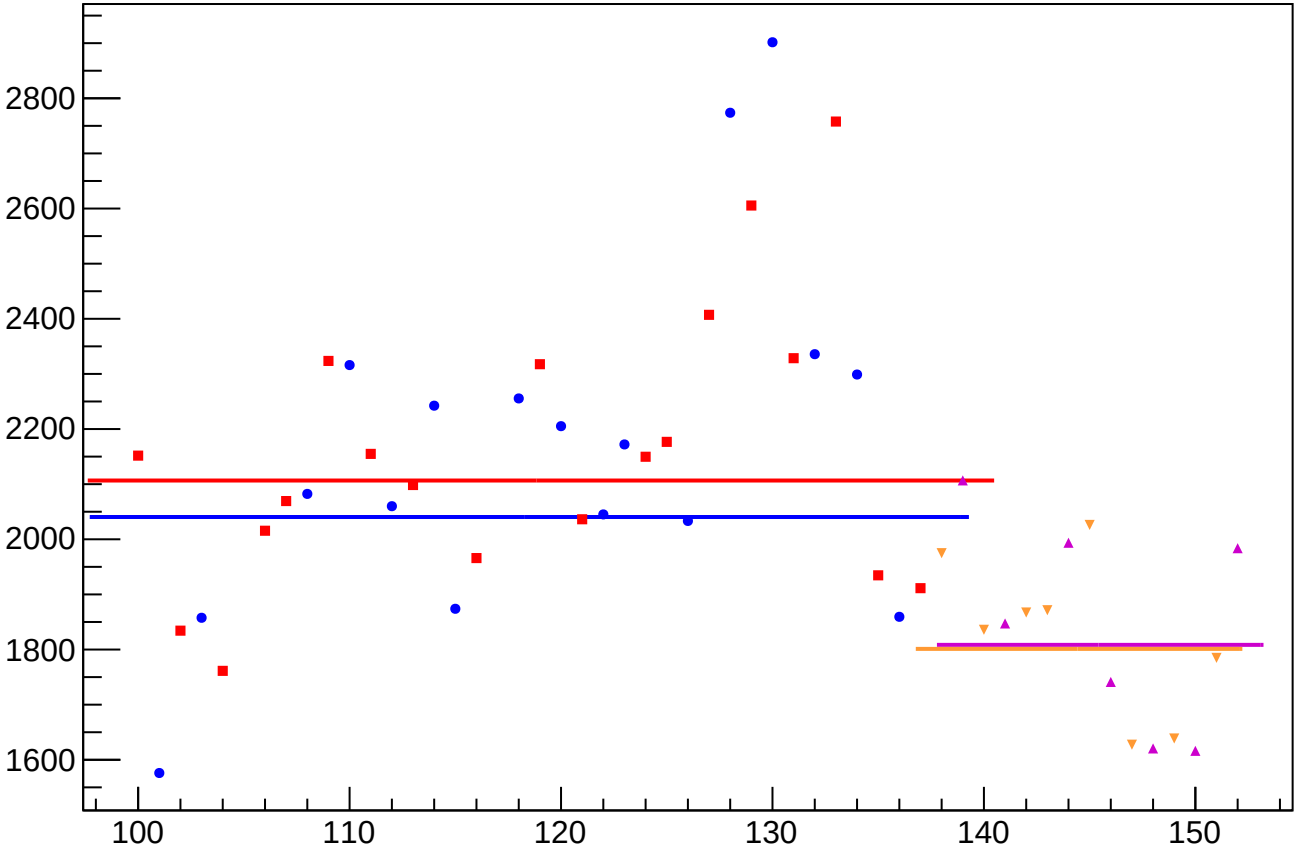
Left In: -2300.897+/-753.997 χ^2/NDF:6.6/6

+ sign 1618.062+/-547.343 χ^2/NDF: 27.5/24

All: -477.297+/-386.977 χ^2/NDF: 75.3/50

- sign -2571.506+/-547.193 χ^2/NDF: 18.5/25

asym_usr_rms vs Slug



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

Left Out: 1801.201+/-0.532 χ^2/NDF:67451.2/7

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

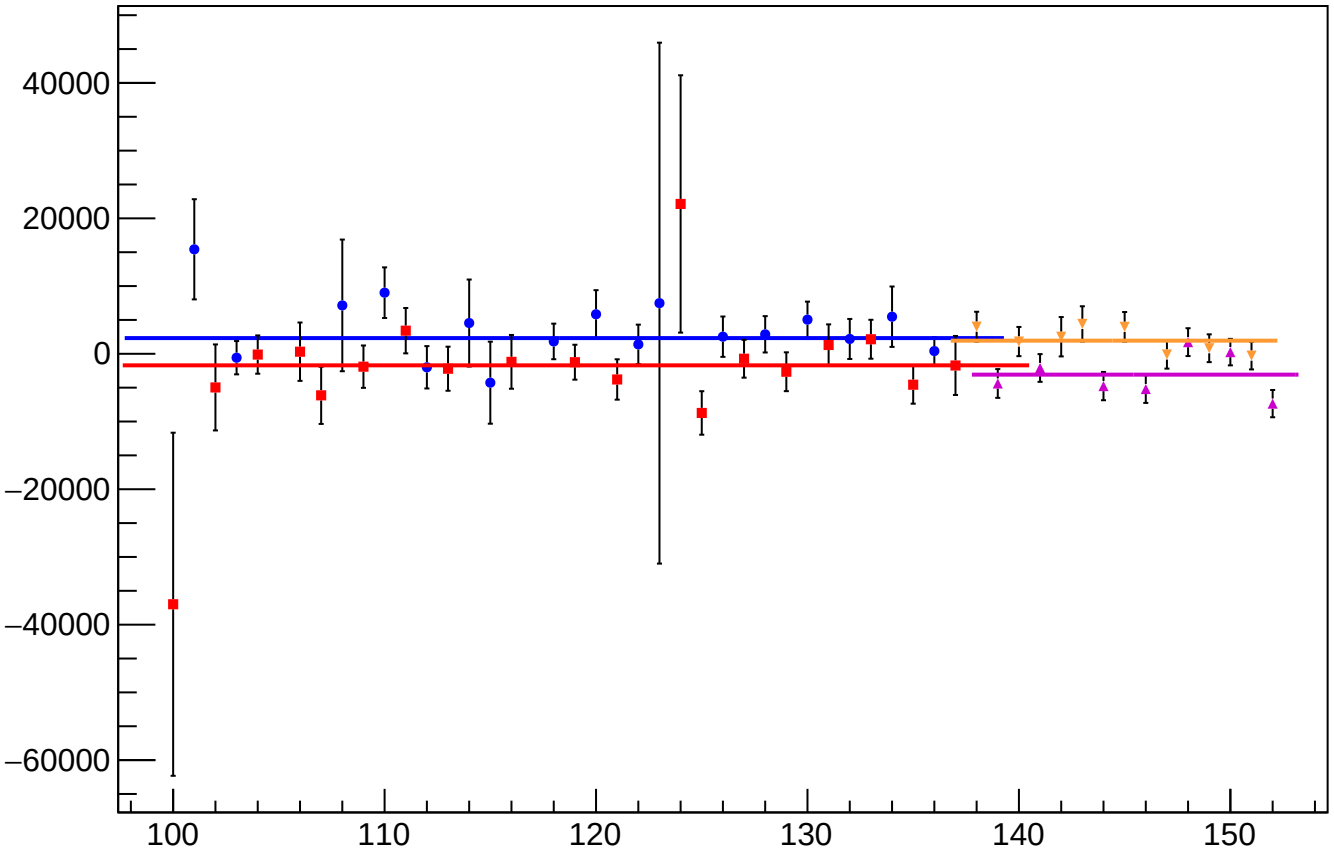
Left In: 1808.490+/-0.533 χ^2/NDF:109001.2/6

+ sign 1913.821+/-0.387 χ^2/NDF: 493984.1/24

All: 1931.718+/-0.274 χ^2/NDF: 950679.7/50

- sign 1949.605+/-0.387 χ^2/NDF: 452420.2/25

dit_asym_at1_avg_mean vs Slug



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

Left Out: 1938.944+/-789.847 χ^2/NDF:5.1/7

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

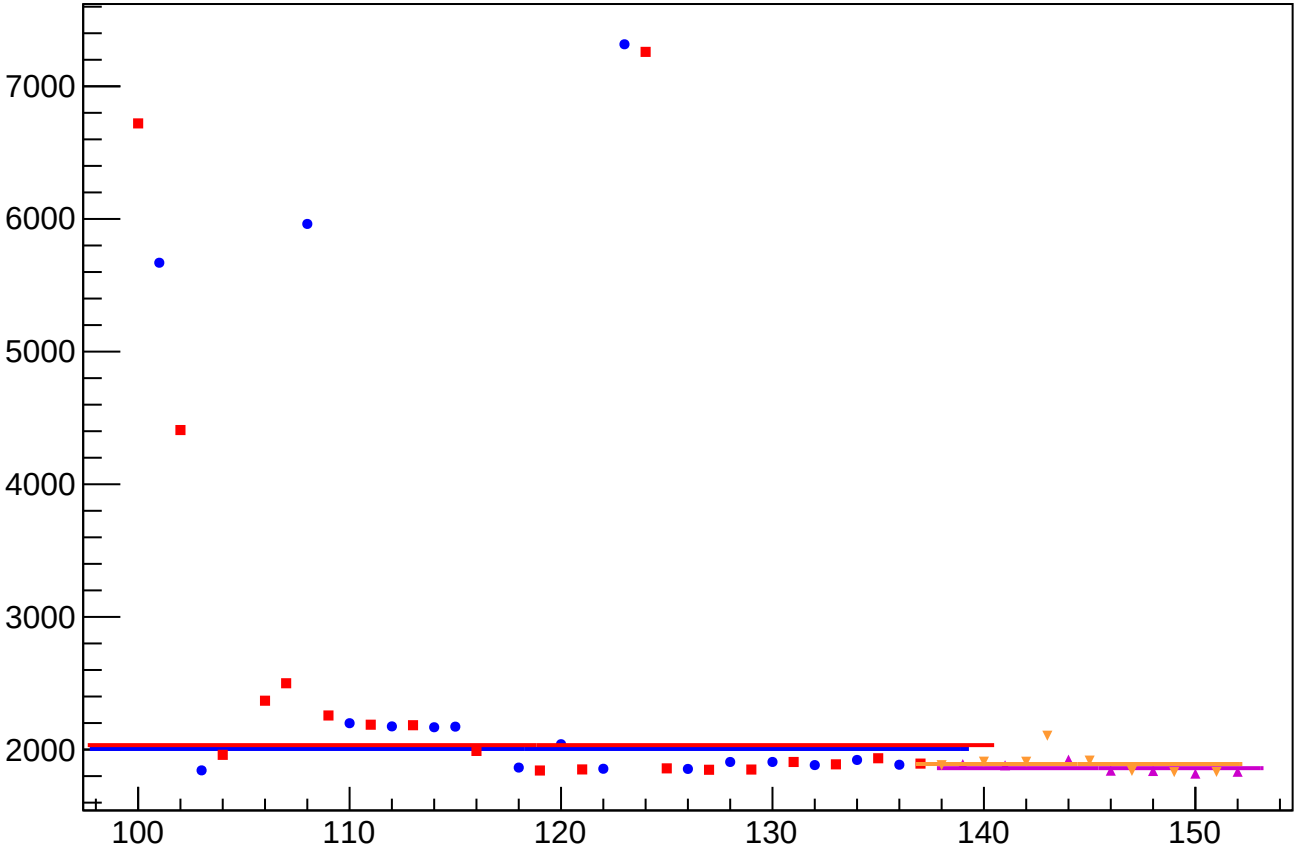
Left In: -3078.326+/-773.218 χ^2/NDF:15.2/6

+ sign 2126.222+/-562.560 χ^2/NDF: 20.0/24

All: -187.696+/-393.318 χ^2/NDF: 87.0/50

- sign -2400.412+/-550.121 χ^2/NDF: 33.9/25

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1891.204+/-0.559 χ^2/NDF:18685.6/7

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

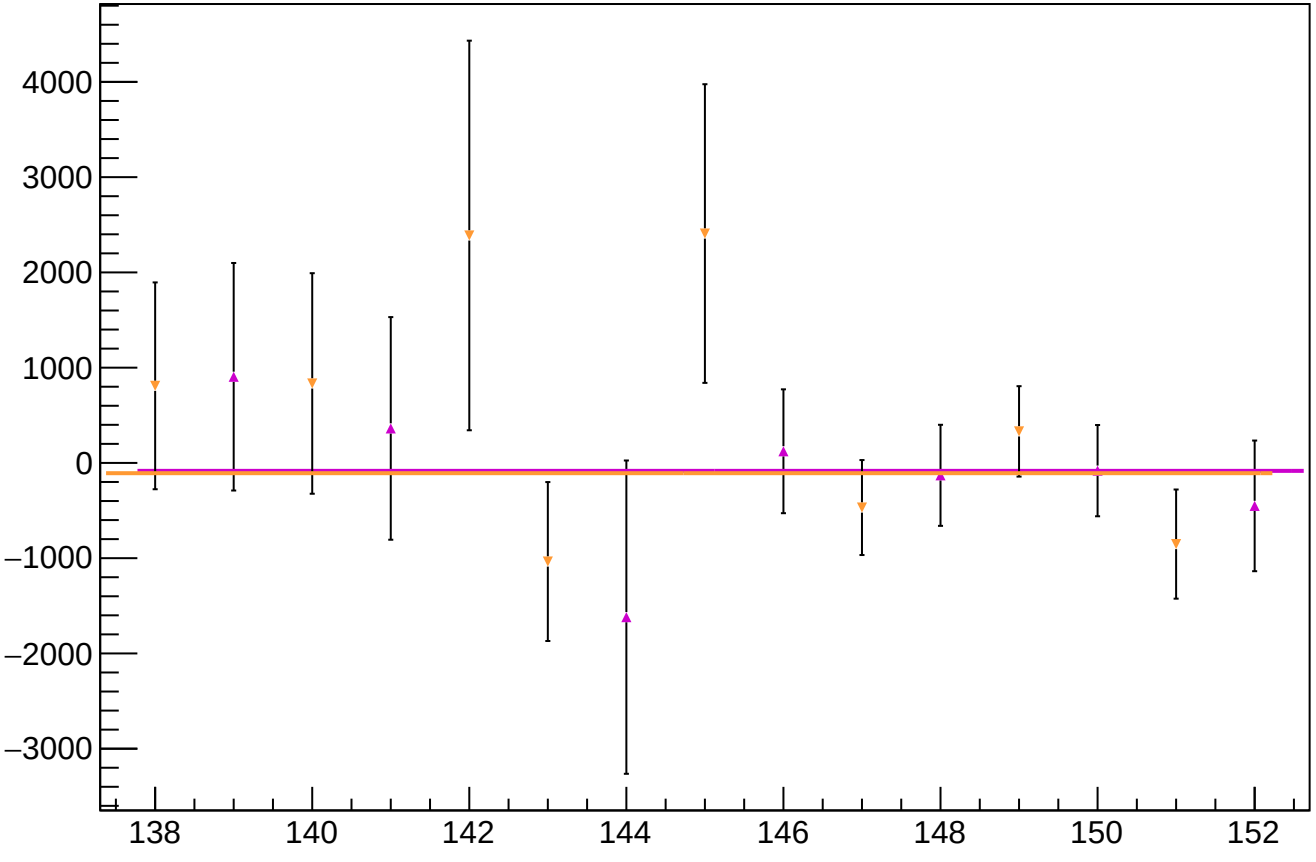
Left In: 1859.810+/-0.547 χ^2/NDF:4173.2/6

+ sign 1947.052+/-0.398 χ^2/NDF: 954992.5/24

All: 1946.297+/-0.278 χ^2/NDF: 1620012.1/50

- sign 1945.576+/-0.389 χ^2/NDF: 665012.6/25

asym_at1_avg_correction_mean vs Slug



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

Left Out: -107.811+/-256.605 χ^2/NDF:9.7/7

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

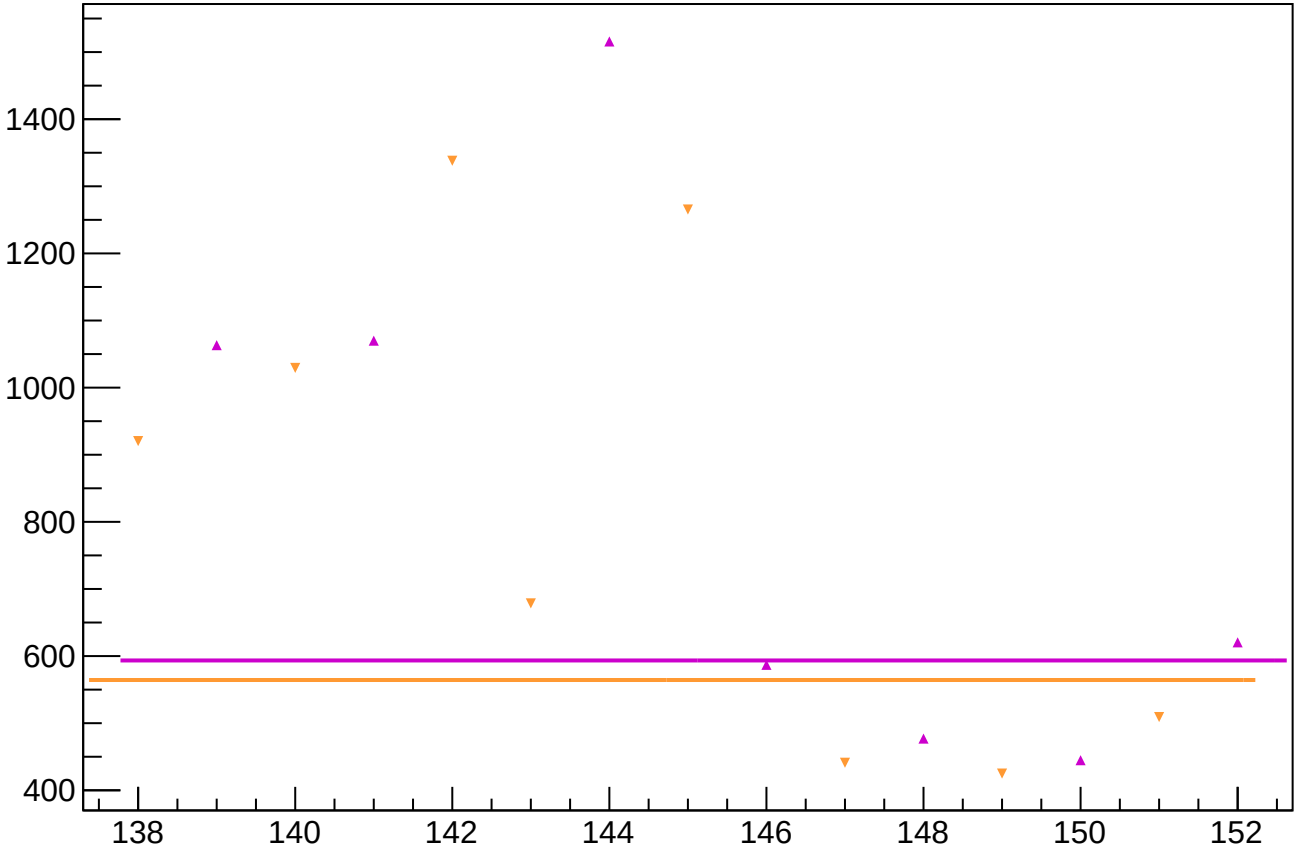
Left In: -83.379+/-265.317 χ^2/NDF:2.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -96.002+/-184.450 χ^2/NDF: 11.8/14

- 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: 564.353+/-0.181 χ^2/NDF:1575050.0/7

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

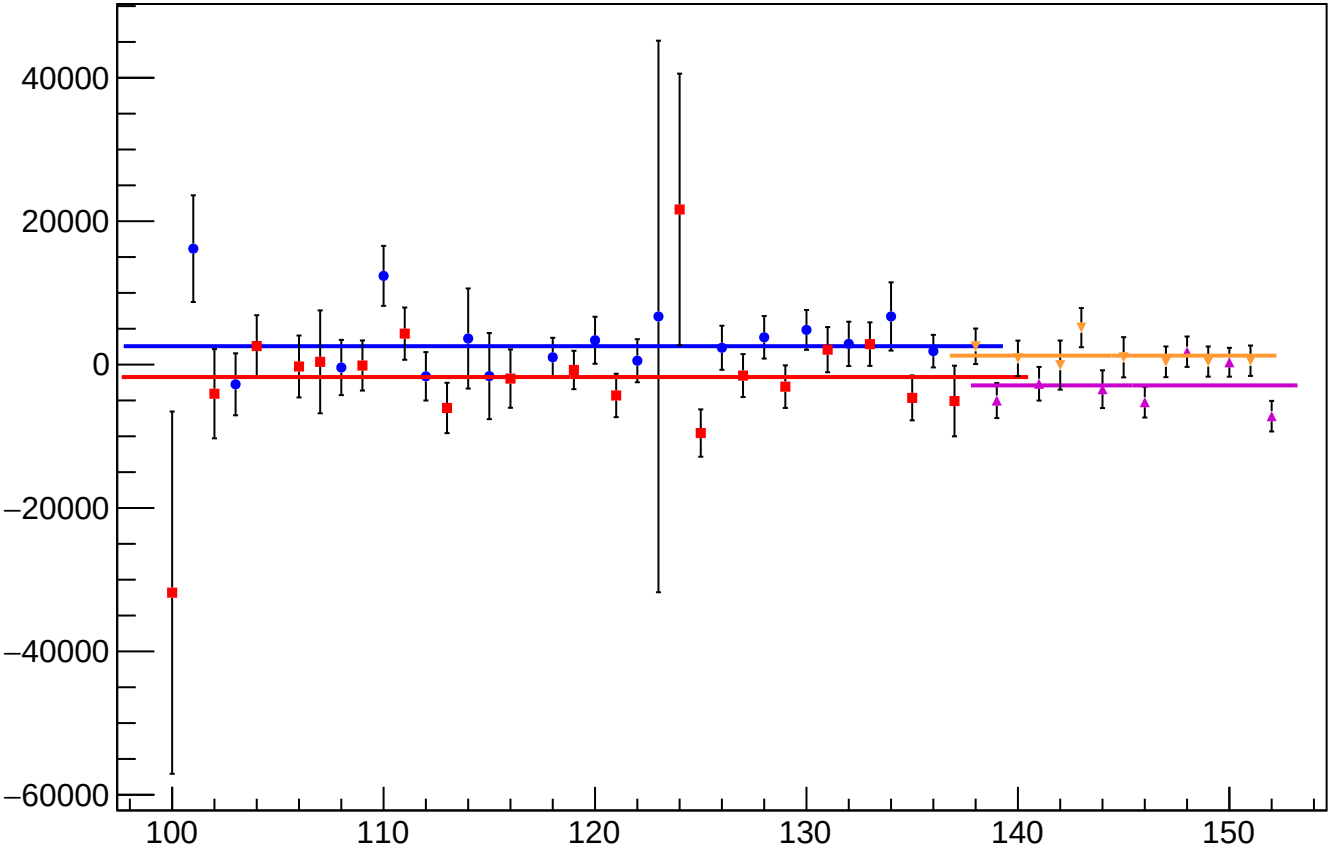
Left In: 593.473+/-0.188 χ^2/NDF:1563304.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 578.427+/-0.130 χ^2/NDF: 3150802.9/14

- 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: 1250.836+/-864.122 χ^2/NDF:2.9/7

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

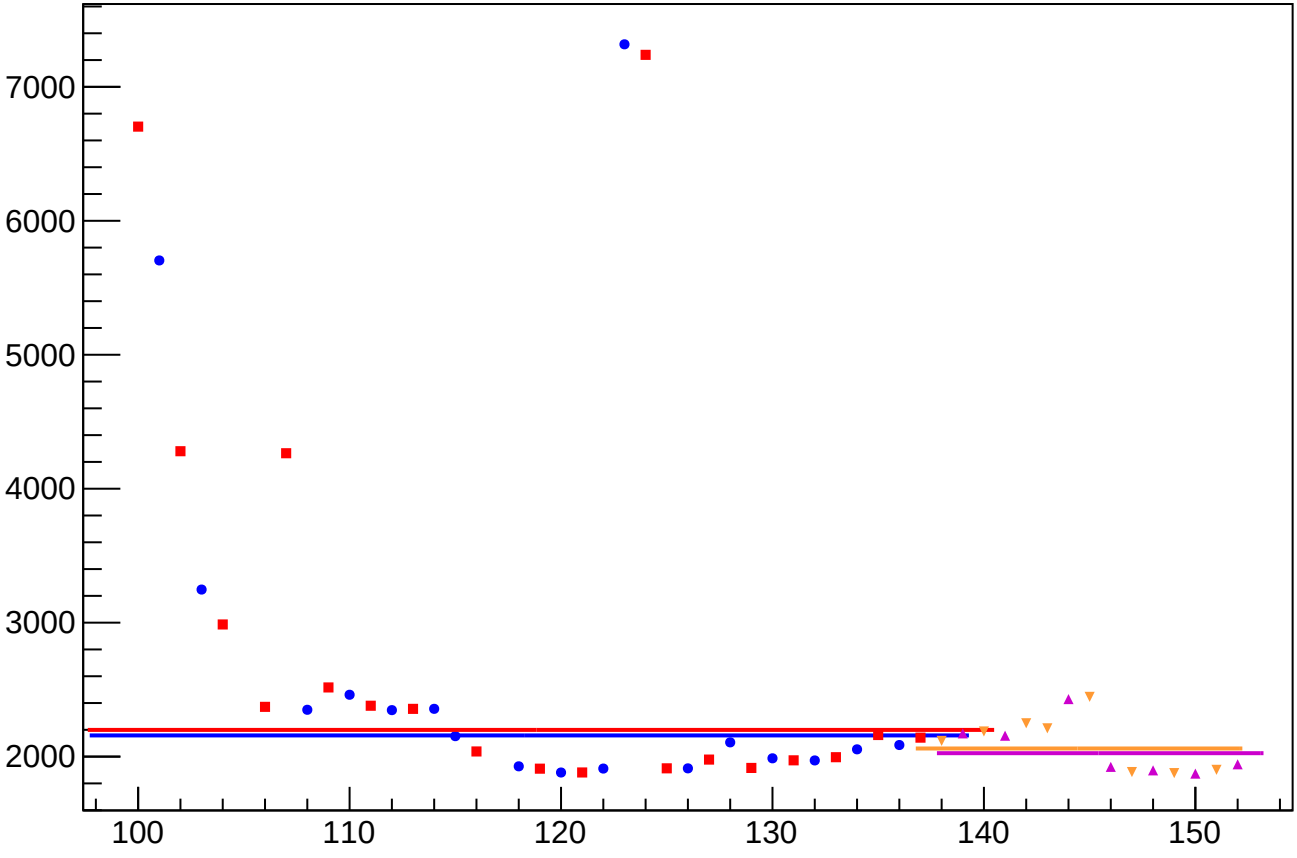
Left In: -2902.091+/-845.389 χ^2/NDF:13.5/6

+ sign 1914.962+/-608.166 χ^2/NDF: 19.7/24

All: -231.969+/-427.308 χ^2/NDF: 79.2/50

- sign -2325.229+/-600.516 χ^2/NDF: 35.0/25

asym_at1_avg_rms vs Slug



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

Left Out: 2060.635+/-0.611 χ^2/NDF:96223.0/7

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

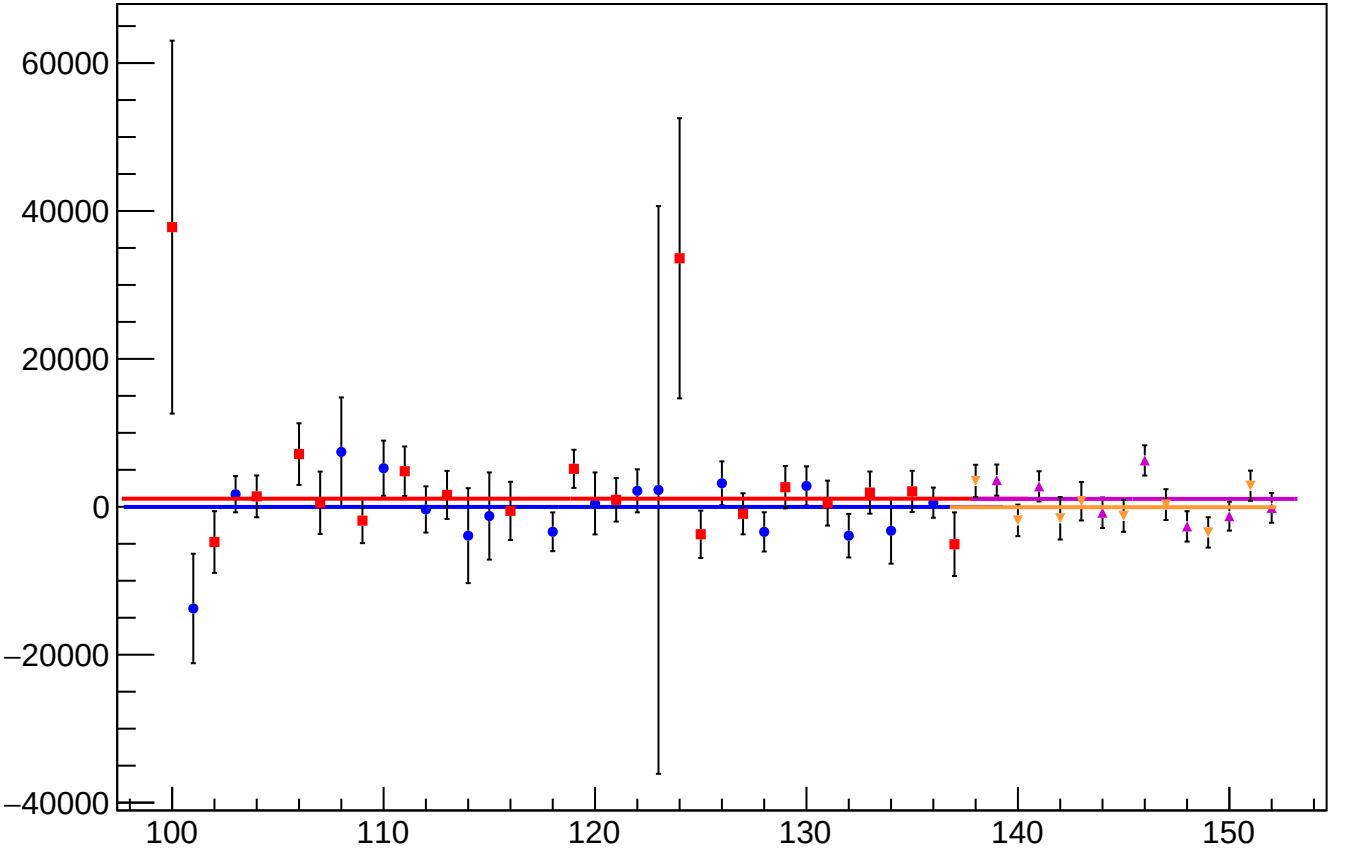
Left In: 2025.586+/-0.598 χ^2/NDF:86750.8/6

+ sign 2109.847+/-0.430 χ^2/NDF: 822938.6/24

All: 2110.769+/-0.302 χ^2/NDF: 1754577.6/50

- sign 2111.668+/-0.425 χ^2/NDF: 931629.9/25

dit_asym_at1_dd_mean vs Slug



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

Left Out: -52.342+/-785.180 χ^2/NDF:8.8/7

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

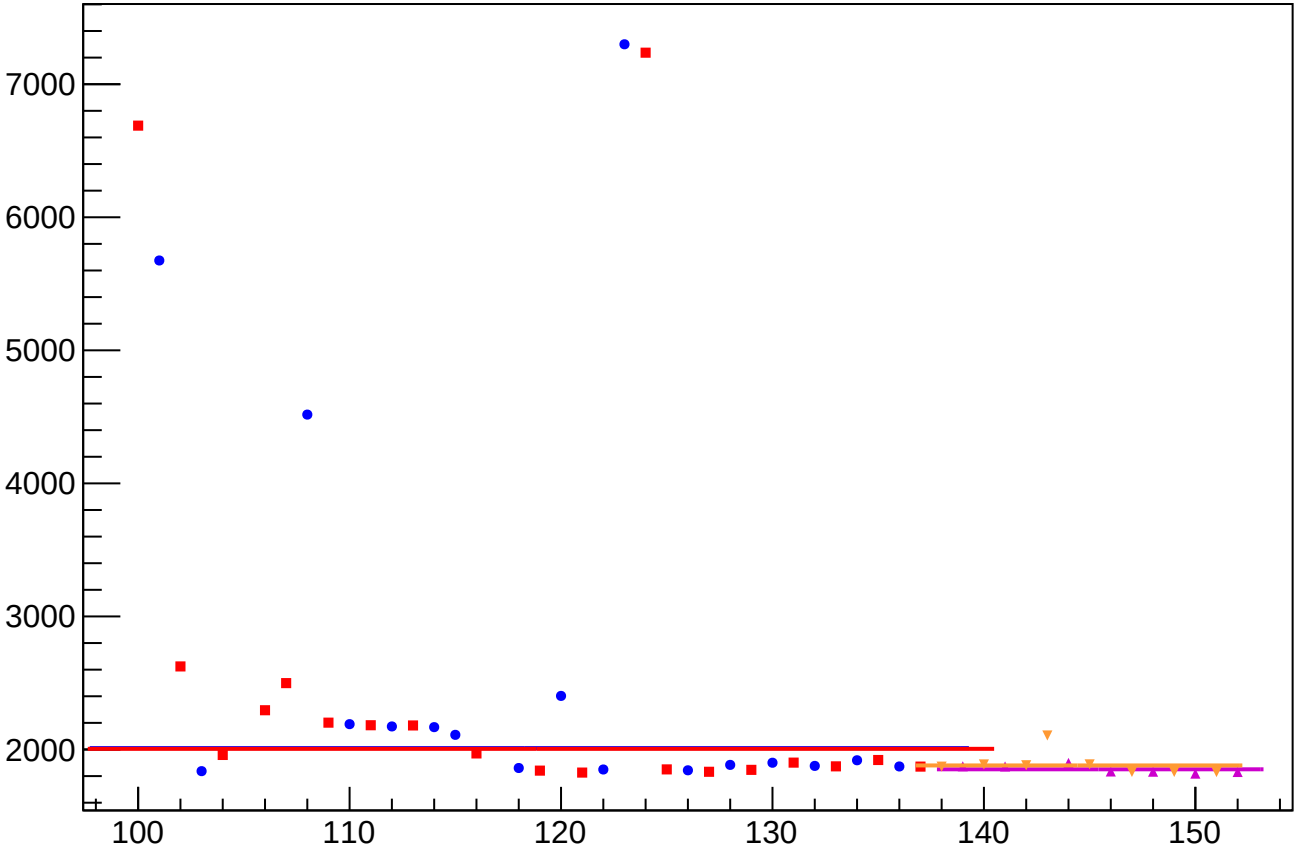
Left In: 1065.502+/-769.484 χ^2/NDF:14.5/6

+ sign -35.657+/-560.855 χ^2/NDF: 24.7/24

All: 539.229+/-390.560 χ^2/NDF: 60.6/50

- sign 1080.463+/-544.192 χ^2/NDF: 33.9/25

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1880.108+/-0.555 χ^2/NDF:18498.2/7

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

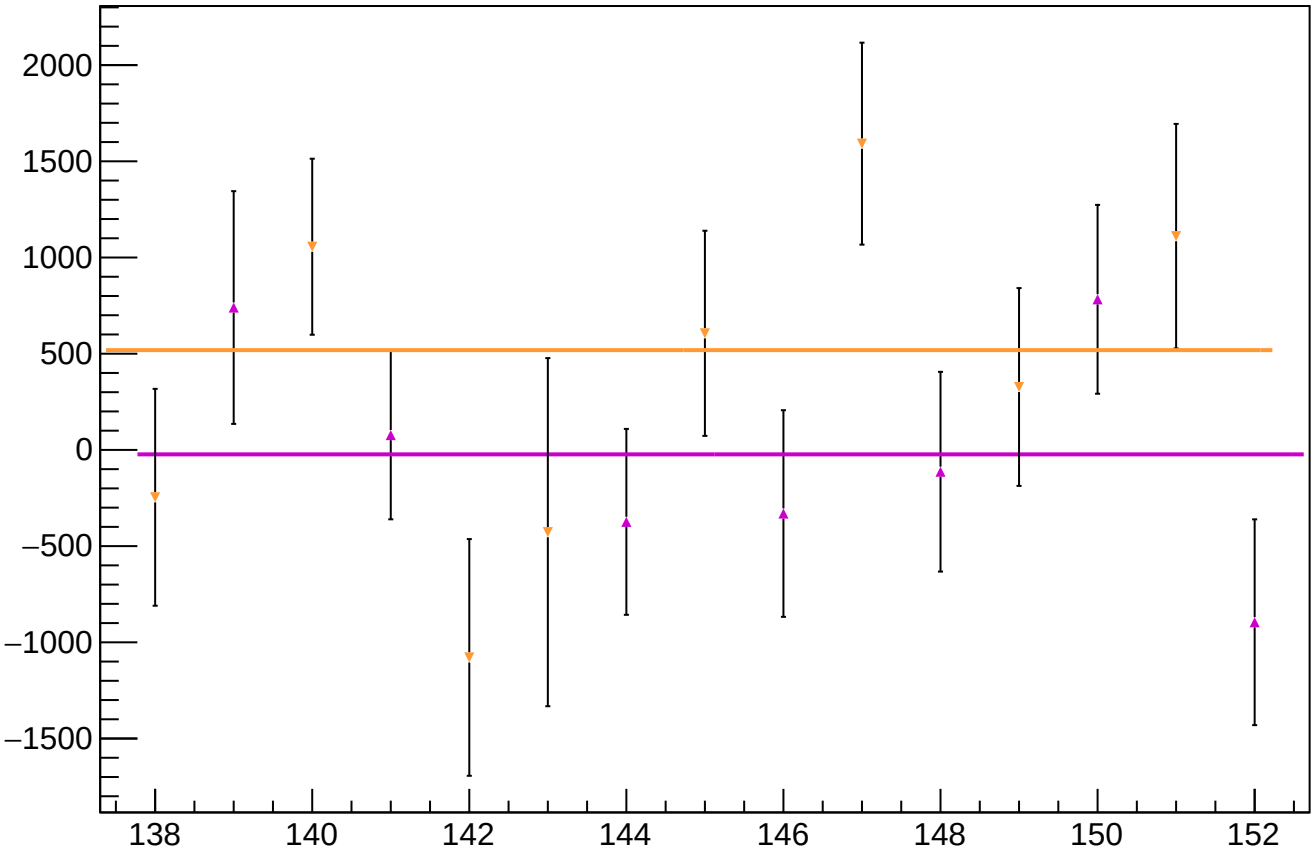
Left In: 1851.029+/-0.544 χ^2/NDF:2571.2/6

+ sign 1943.859+/-0.397 χ^2/NDF: 885164.6/24

All: 1935.656+/-0.276 χ^2/NDF: 1296044.6/50

- sign 1927.932+/-0.385 χ^2/NDF: 410049.3/25

asym_at1_dd_correction_mean vs Slug



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

Left Out: 518.667+/-197.399 χ^2/NDF:16.4/7

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

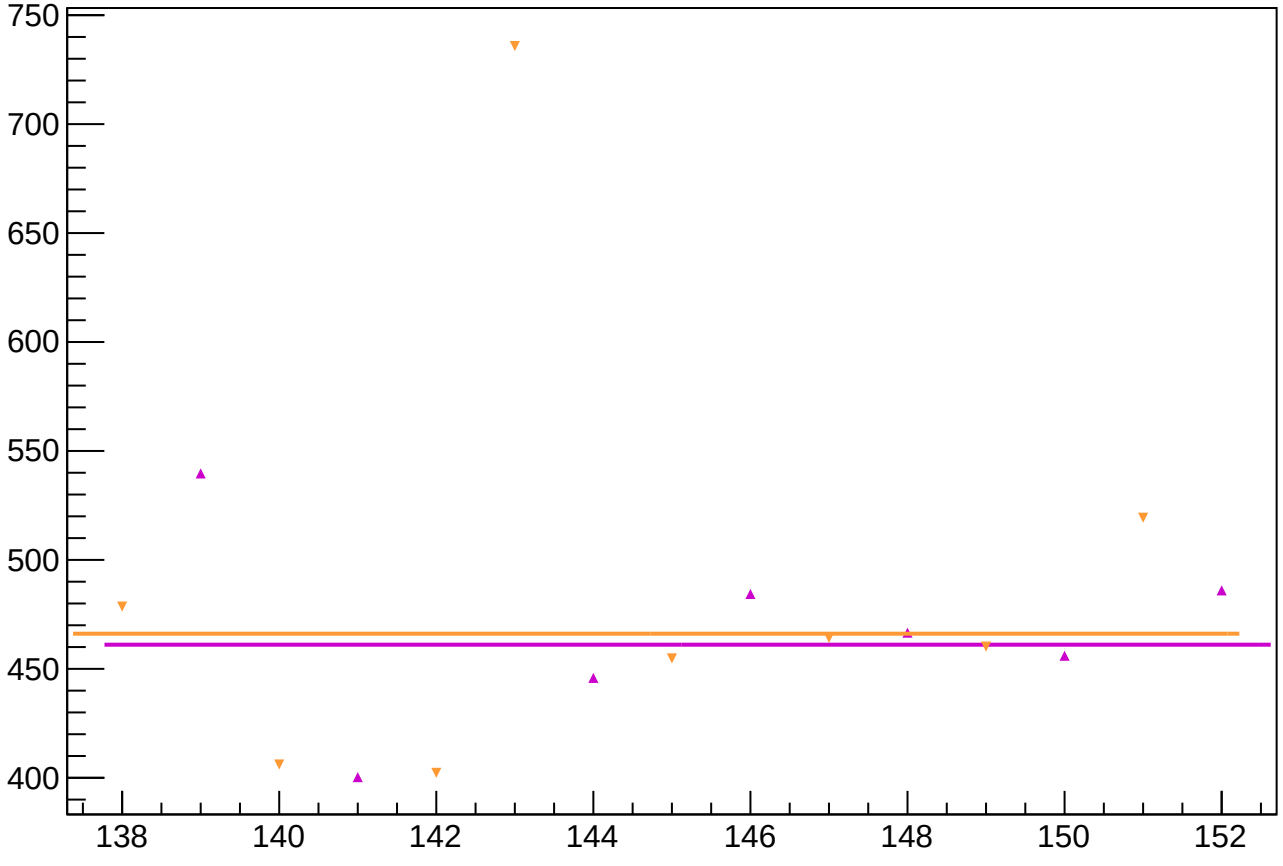
Left In: -23.082+/-192.215 χ^2/NDF:7.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 240.586+/-137.713 χ^2/NDF: 28.2/14

- 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: 466.138+/-0.140 χ^2/NDF:252538.8/7

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

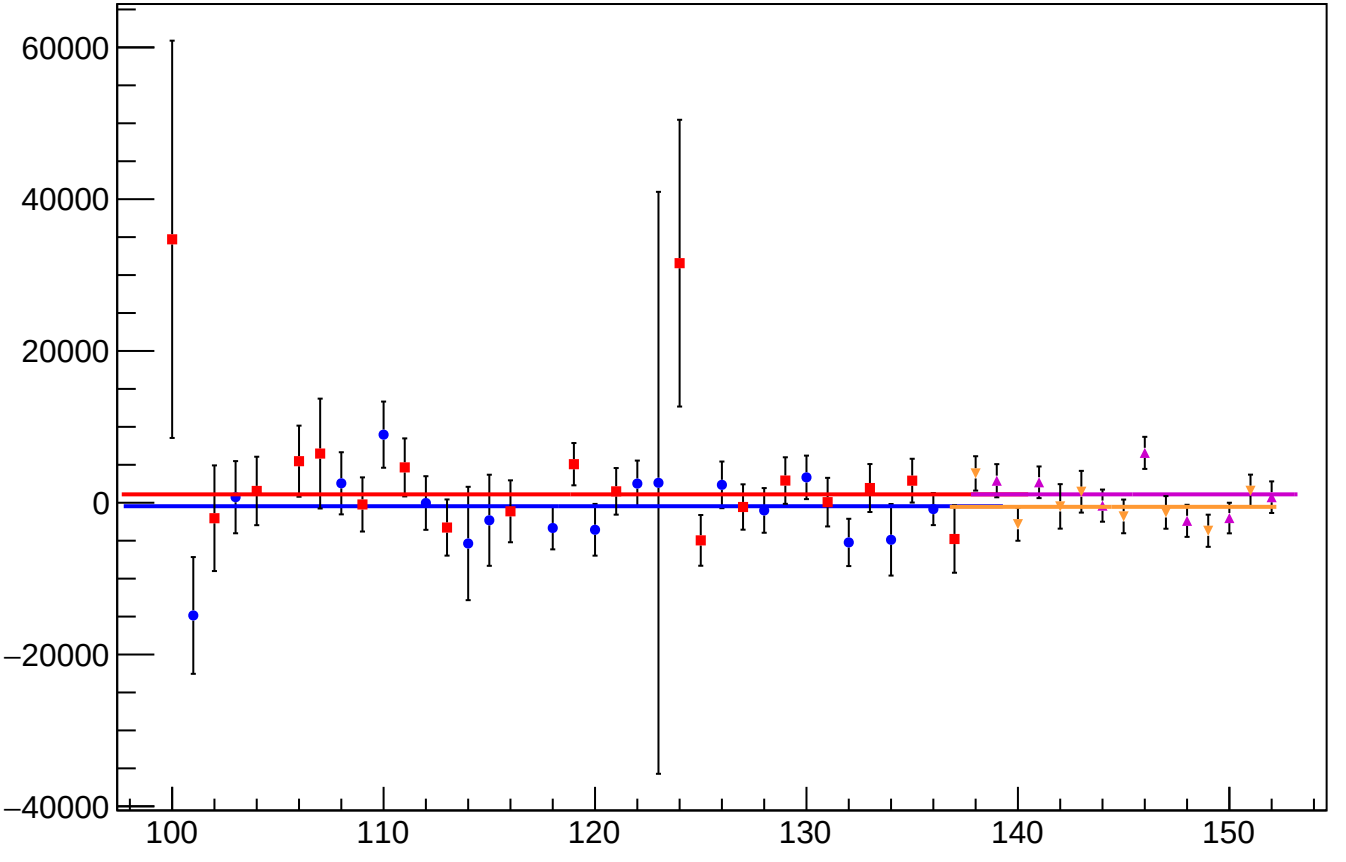
Left In: 461.084+/-0.136 χ^2/NDF:82884.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 463.544+/-0.097 χ^2/NDF: 336096.4/14

- 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: -540.485+/-811.898 χ^2/NDF:9.1/7

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

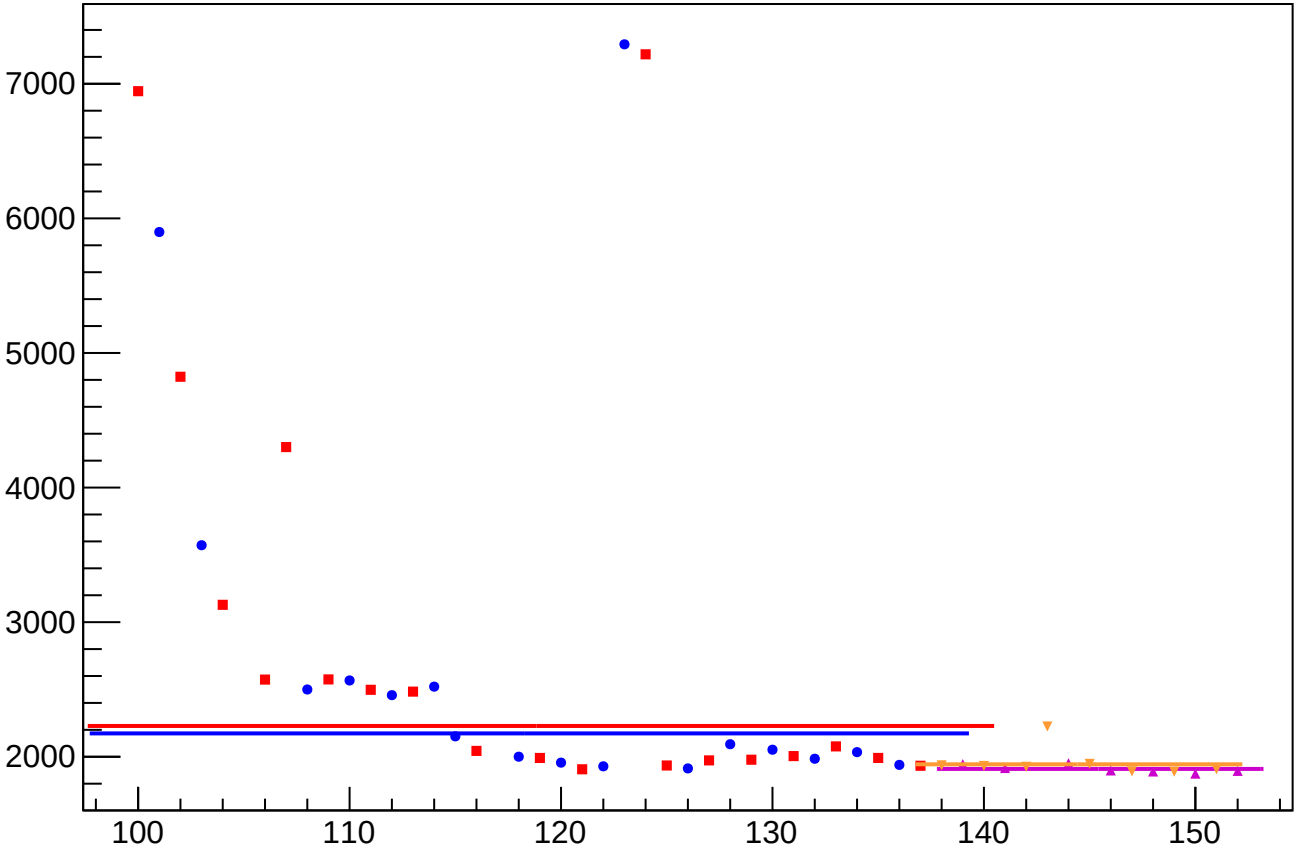
Left In: 1105.089+/-793.768 χ^2/NDF:13.6/6

+ sign -502.005+/-592.030 χ^2/NDF: 27.1/24

All: 310.262+/-416.304 χ^2/NDF: 61.3/50

- sign 1104.734+/-585.509 χ^2/NDF: 30.5/25

asym_at1_dd_rms vs Slug



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

Left Out: 1943.880+/-0.574 χ^2/NDF:24141.6/7

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

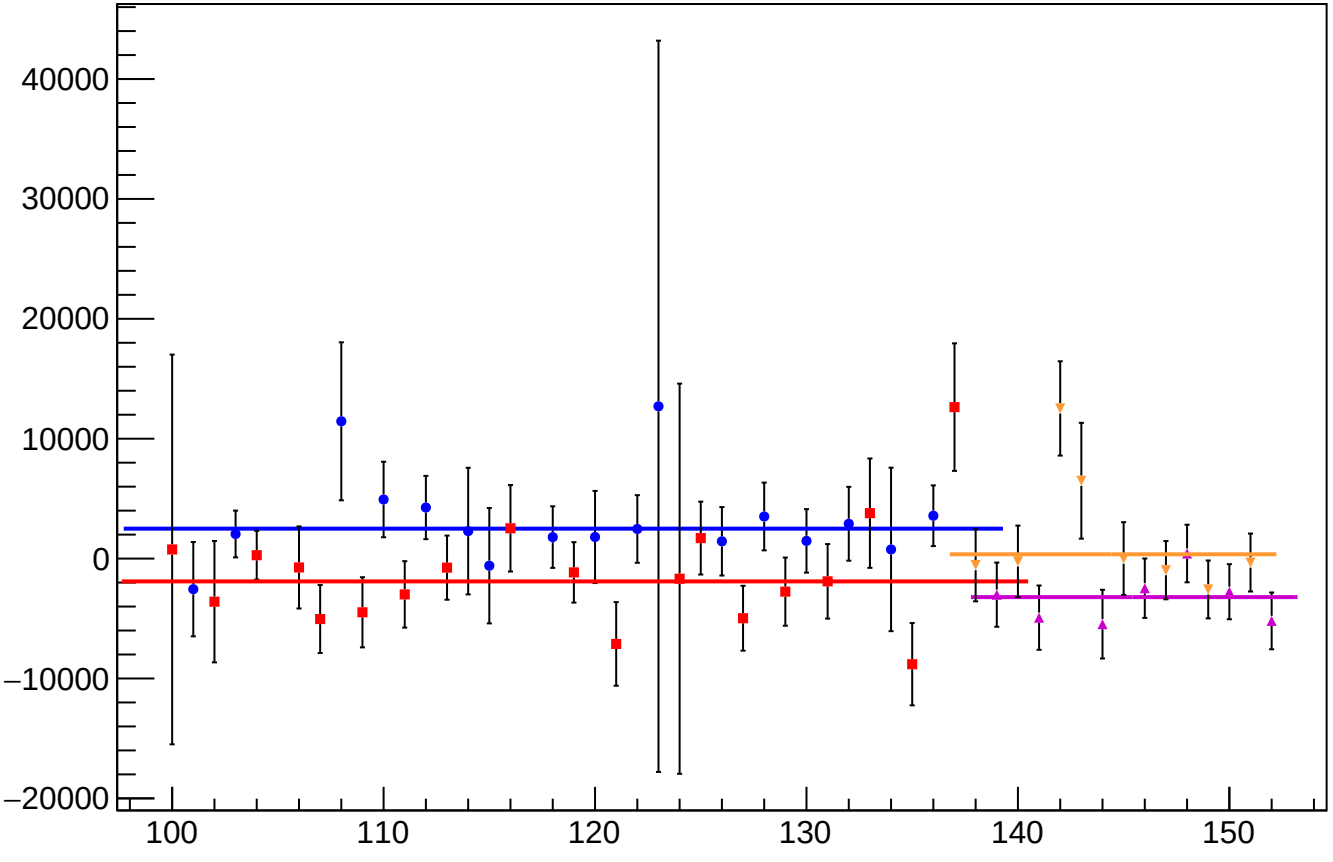
Left In: 1909.634+/-0.561 χ^2/NDF:2282.4/6

+ sign 2051.419+/-0.419 χ^2/NDF: 904432.9/24

All: 2053.322+/-0.294 χ^2/NDF: 1950121.2/50

- sign 2055.184+/-0.414 χ^2/NDF: 1045647.3/25

dit_asym_at2_avg_mean vs Slug



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

Left Out: 359.800+/-1026.280 χ^2/NDF:13.2/7

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

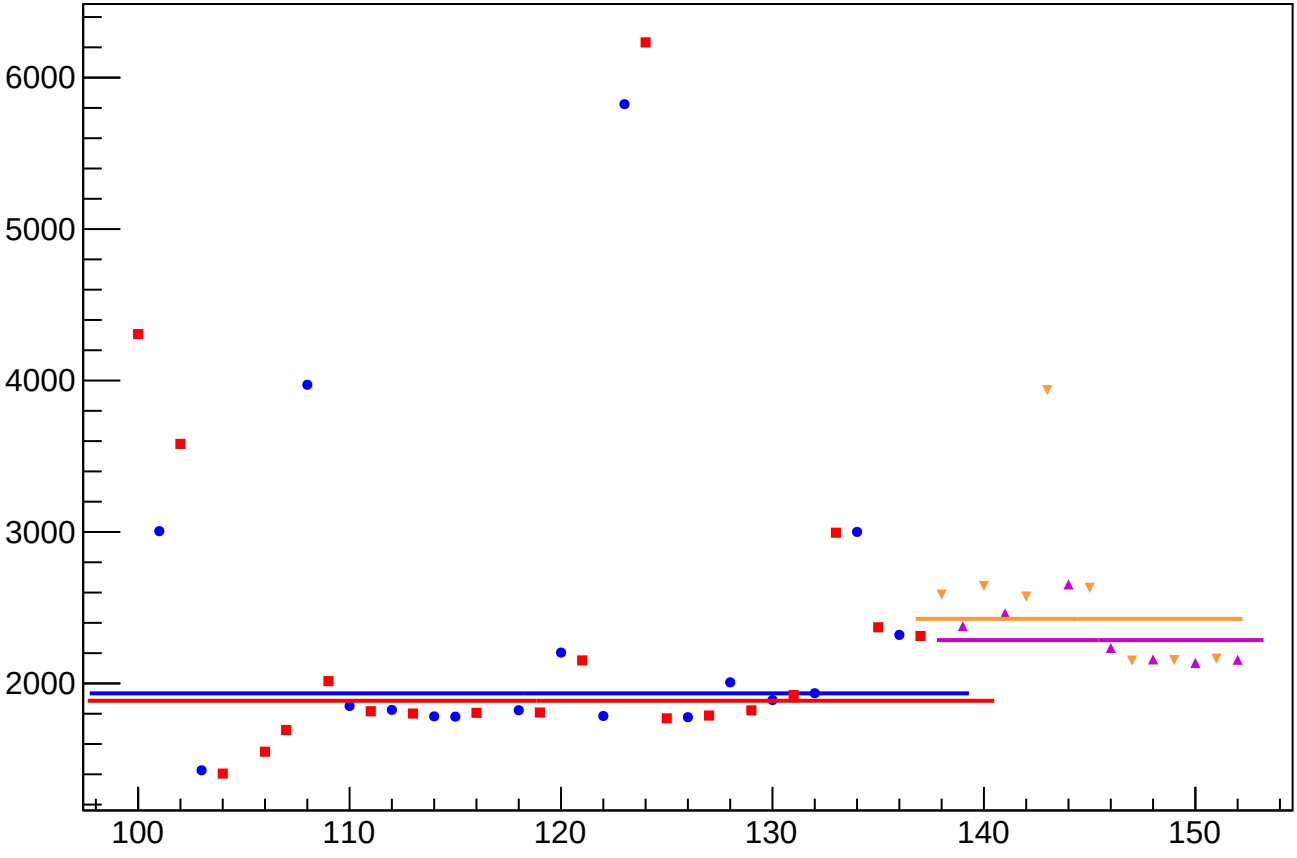
Left In: -3213.825+/-951.519 χ^2/NDF:4.2/6

+ sign 1729.169+/-615.043 χ^2/NDF: 21.9/24

All: -444.340+/-422.950 χ^2/NDF: 74.3/50

- sign -2394.332+/-582.560 χ^2/NDF: 28.8/25

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2426.384+/-0.726 χ^2/NDF:298324.5/7

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

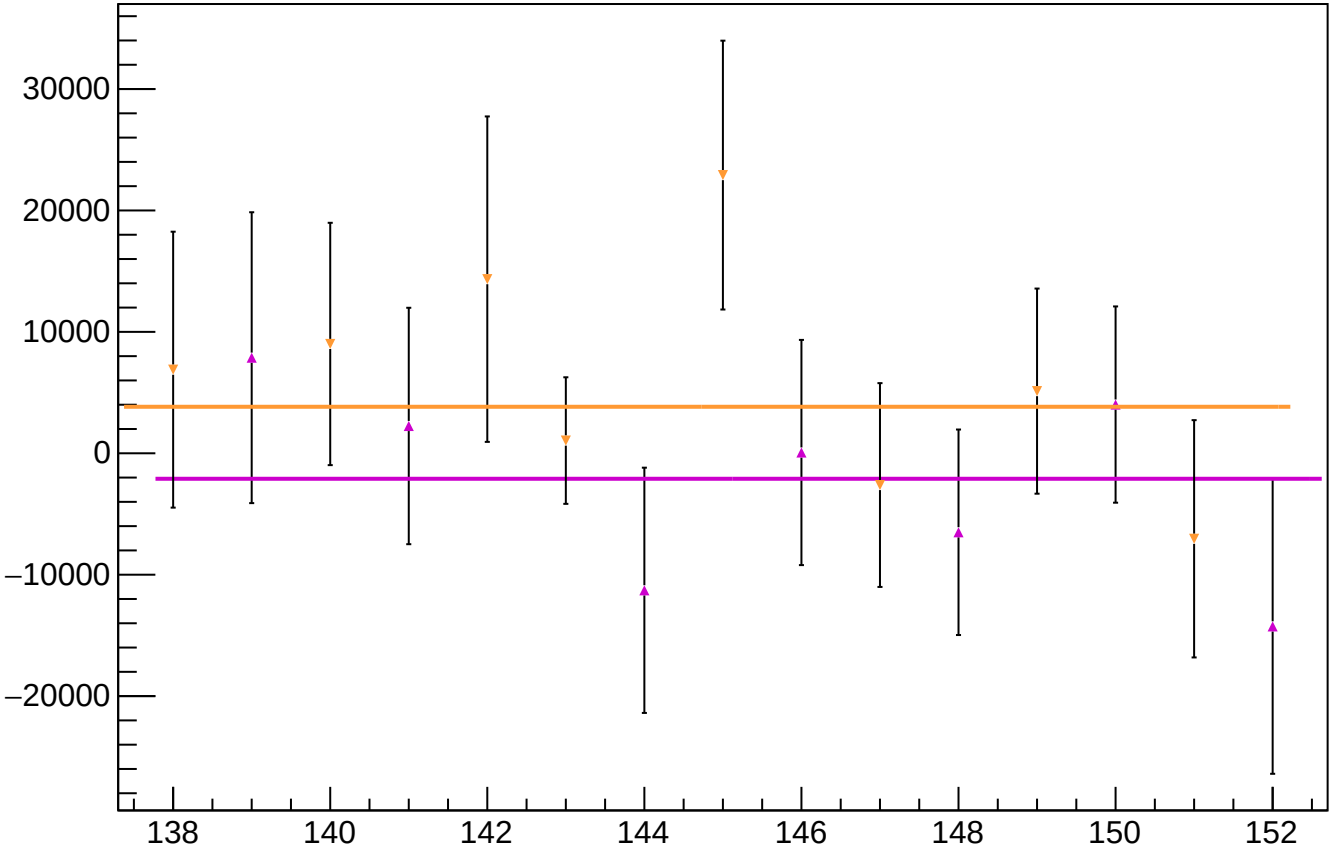
Left In: 2286.088+/-0.673 χ^2/NDF:65031.9/6

+ sign 2111.100+/-0.435 χ^2/NDF: 1231787.4/24

All: 2071.326+/-0.299 χ^2/NDF: 2286361.9/50

- sign 2035.652+/-0.412 χ^2/NDF: 1038708.9/25

asym_at2_avg_correction_mean vs Slug



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

Left Out: 3831.398+/-3057.088 χ^2/NDF:6.1/7

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

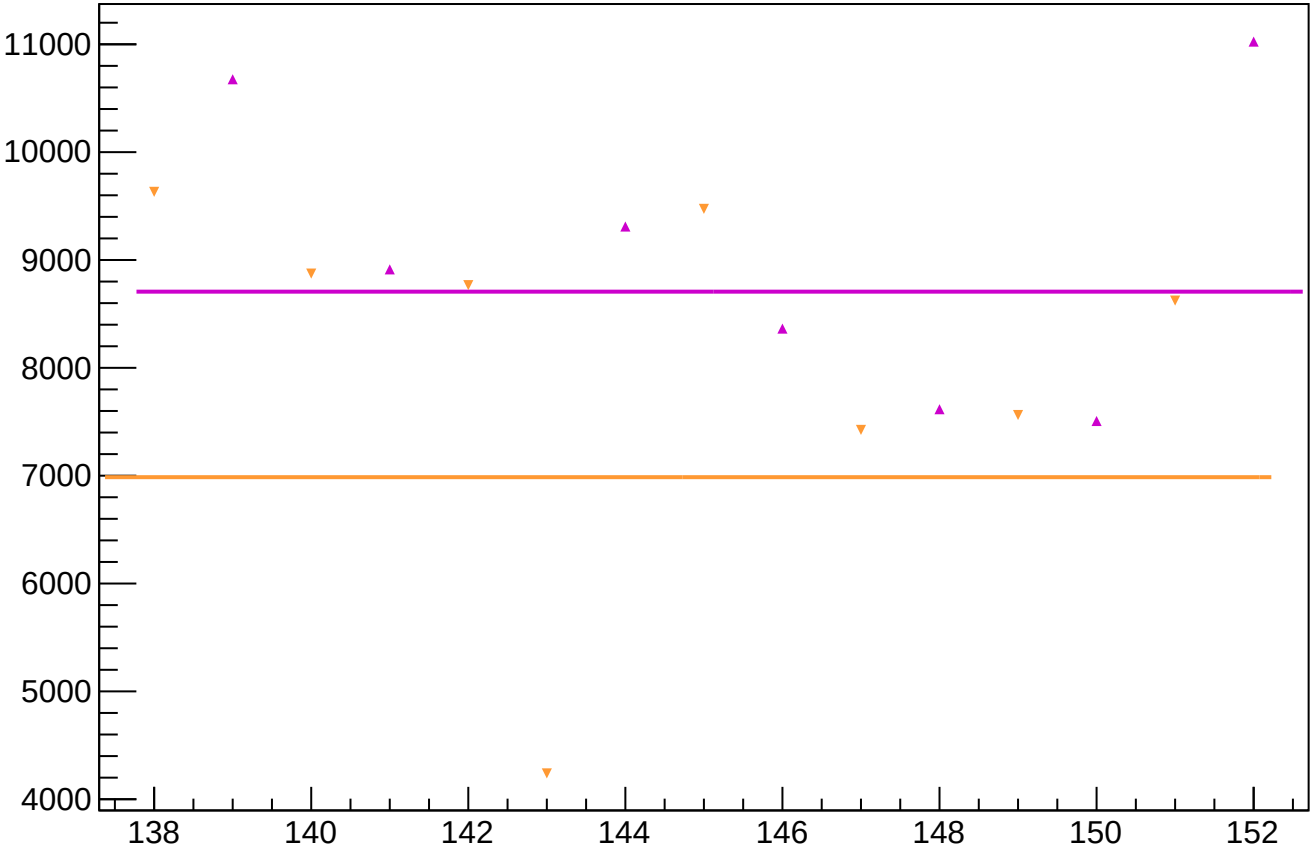
Left In: -2098.883+/-3651.392 χ^2/NDF:3.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1387.530+/-2344.011 χ^2/NDF: 11.2/14

- 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: 6986.156+/-2.162 χ^2/NDF:942607.0/7

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

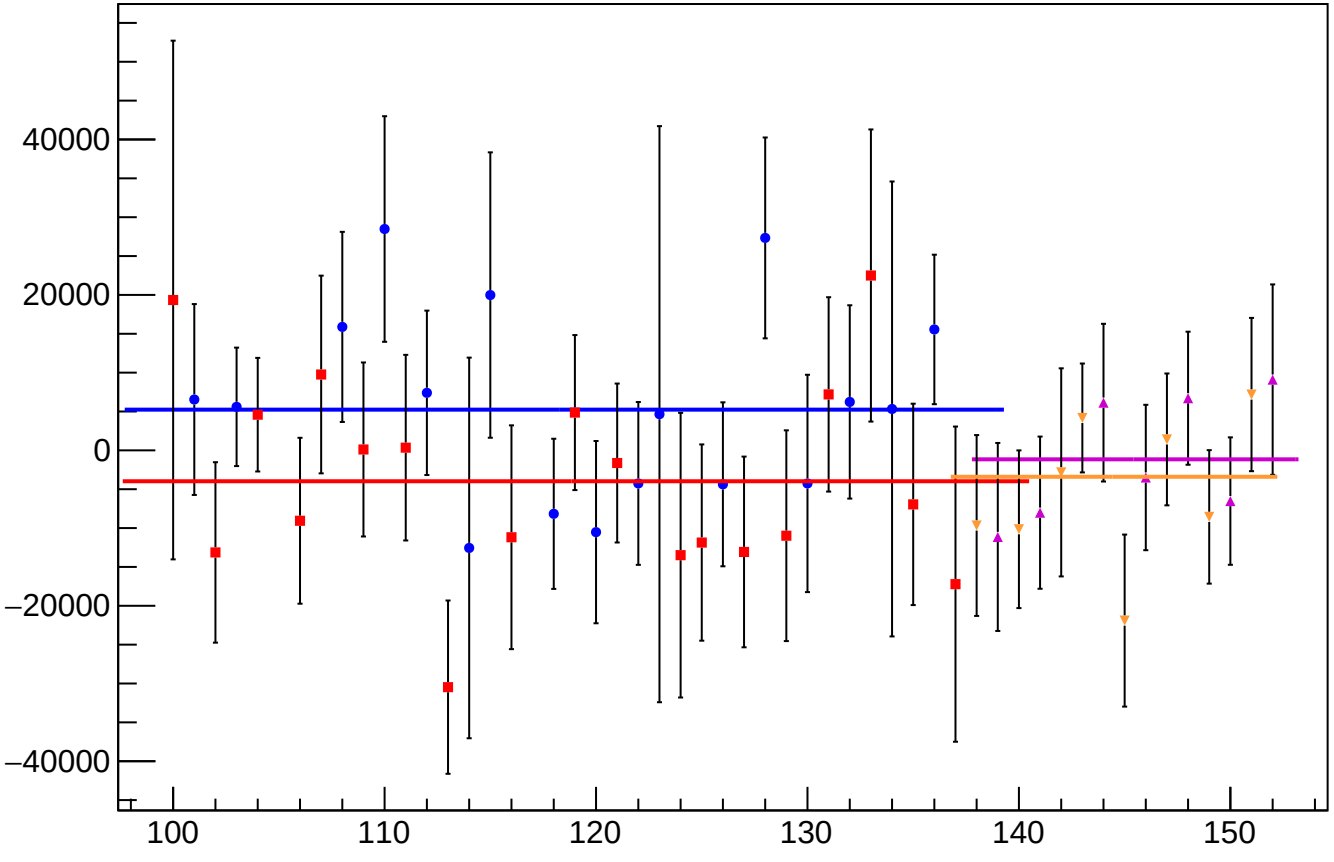
Left In: 8706.432+/-2.582 χ^2/NDF:215008.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7695.081+/-1.657 χ^2/NDF: 1418599.0/14

- 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: -3399.540+/-3352.978 χ^2/NDF:6.5/7

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

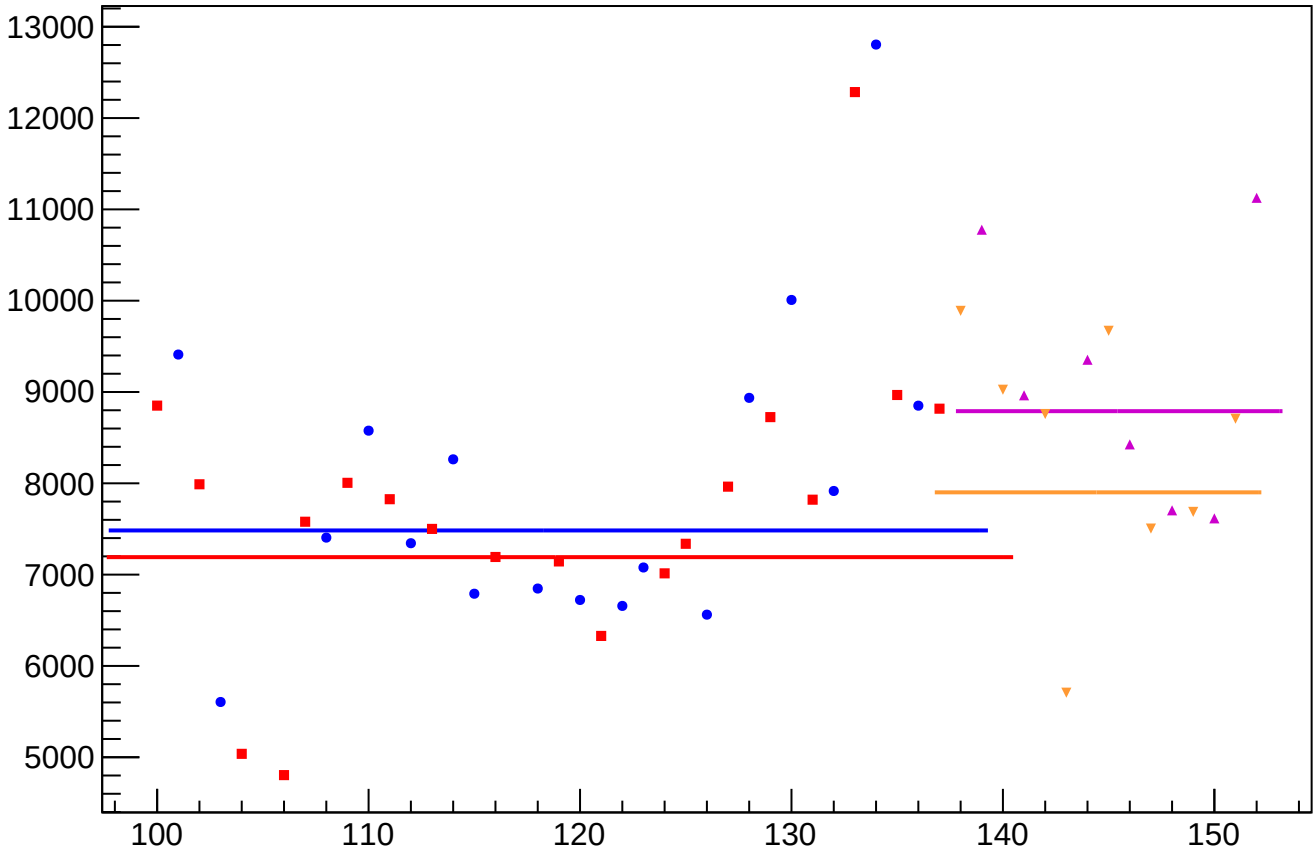
Left In: -1155.034+/-3686.151 χ^2/NDF:3.7/6

+ sign 1475.058+/-2213.183 χ^2/NDF: 24.8/24

All: -725.046+/-1569.061 χ^2/NDF: 46.5/50

- sign -2948.382+/-2224.838 χ^2/NDF: 19.7/25

asym_at2_avg_rms vs Slug



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

Left Out: 7901.074+/-2.371 χ^2/NDF:357346.0/7

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

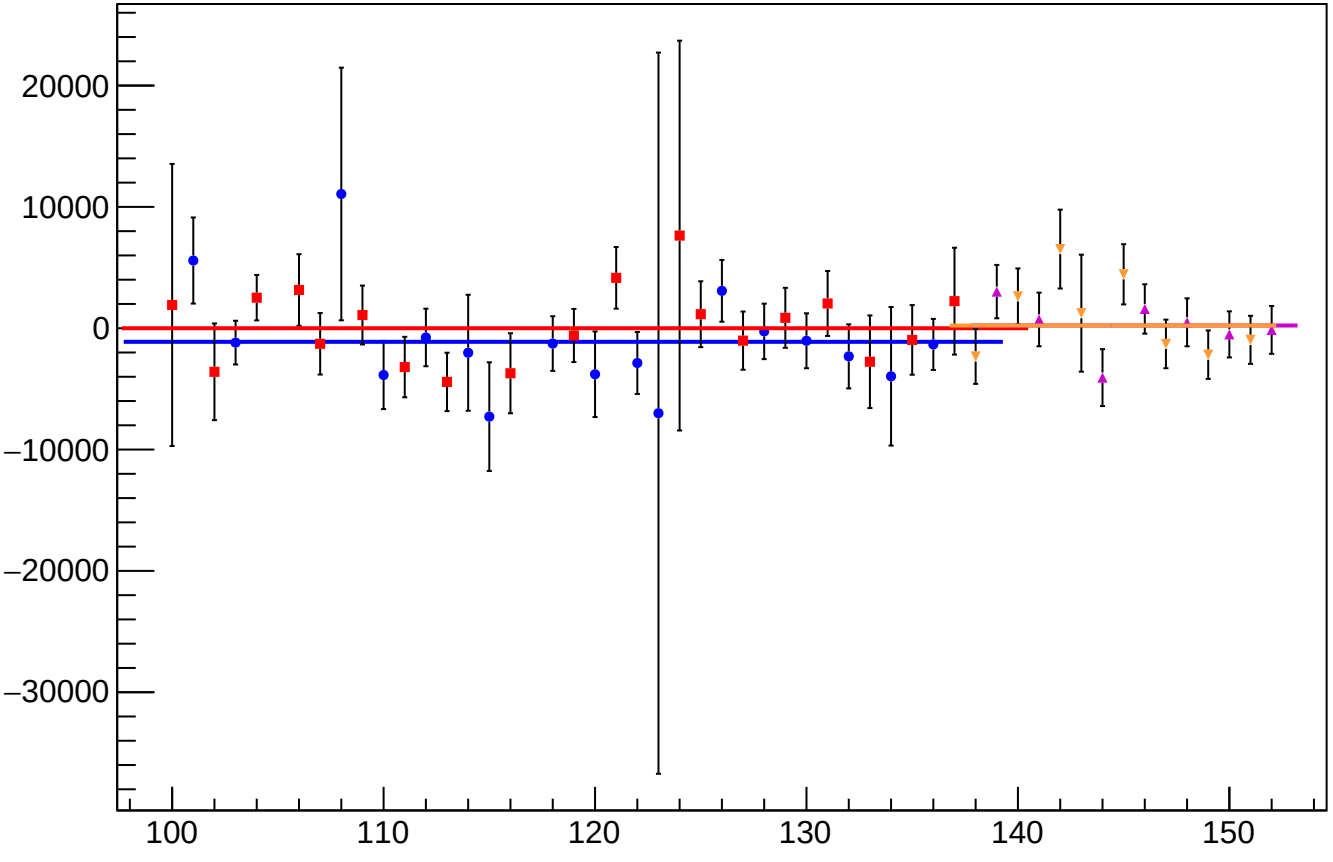
Left In: 8790.120+/-2.607 χ^2/NDF:209763.6/6

+ sign 7665.587+/-1.565 χ^2/NDF: 806633.4/24

All: 7719.383+/-1.109 χ^2/NDF: 1816691.2/50

- sign 7773.740+/-1.573 χ^2/NDF: 1007682.1/25

dit_asym_at2_dd_mean vs Slug



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

Left Out: 223.428+/-833.567 χ^2/NDF:11.4/7

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

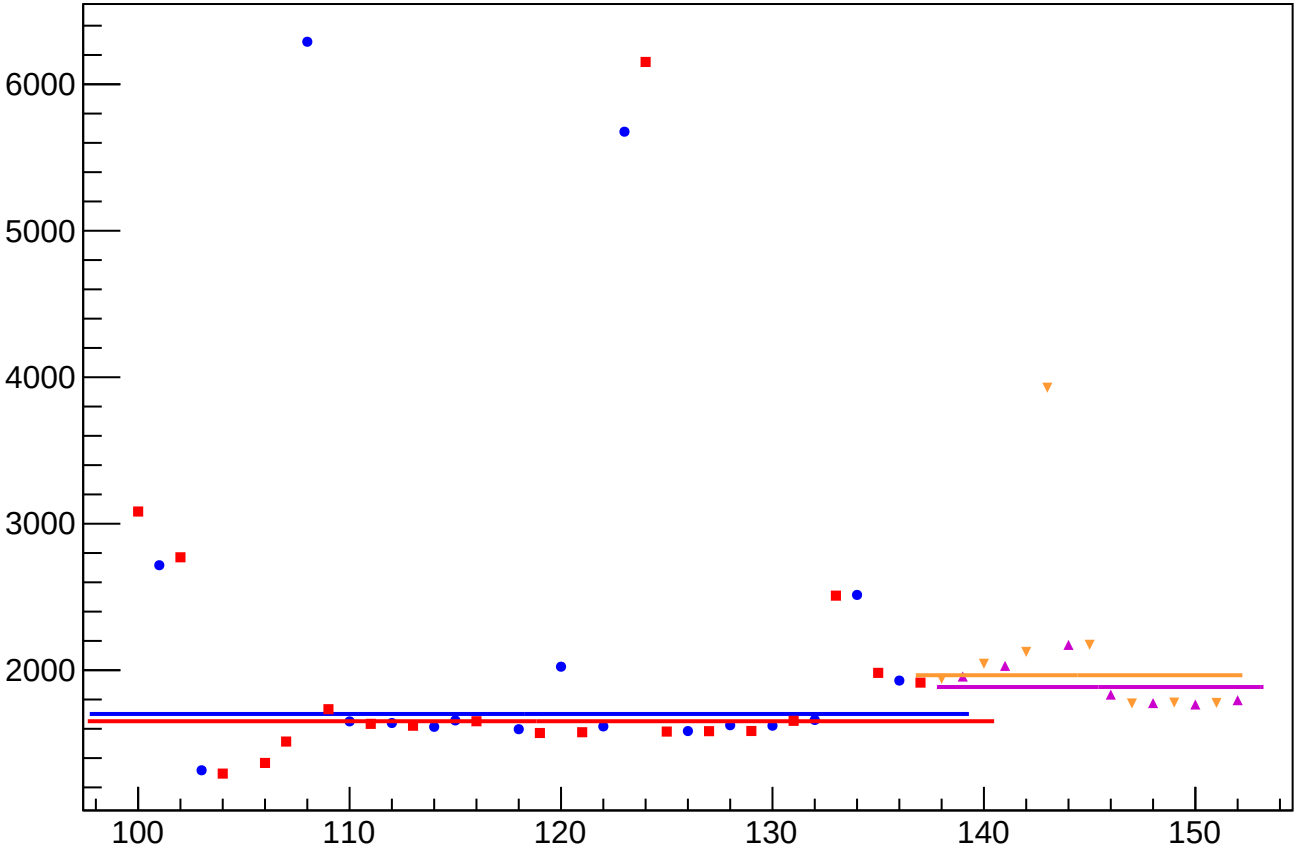
Left In: 224.847+/-784.173 χ^2/NDF:5.7/6

+ sign -584.295+/-526.523 χ^2/NDF: 25.2/24

All: -227.705+/-360.909 χ^2/NDF: 47.3/50

- sign 88.328+/-495.677 χ^2/NDF: 21.2/25

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1965.759+/-0.589 χ^2/NDF:407212.4/7

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

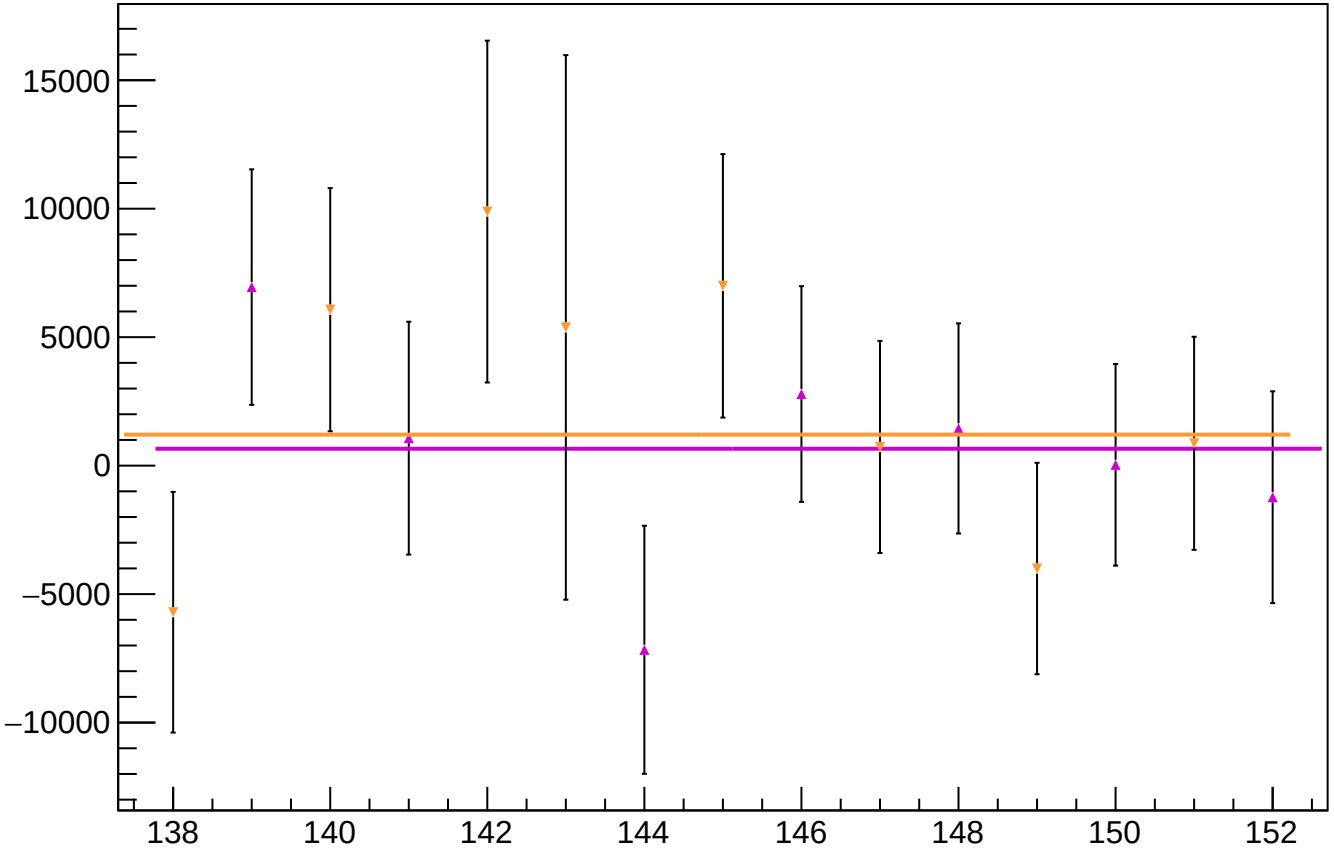
Left In: 1885.235+/-0.554 χ^2/NDF:60249.7/6

+ sign 1806.804+/-0.372 χ^2/NDF: 1306938.5/24

All: 1774.054+/-0.255 χ^2/NDF: 2077103.5/50

- sign 1745.030+/-0.350 χ^2/NDF: 755569.9/25

asym_at2_dd_correction_mean vs Slug



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

Left Out: 1206.561+/-1725.969 χ^2/NDF:8.0/7

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

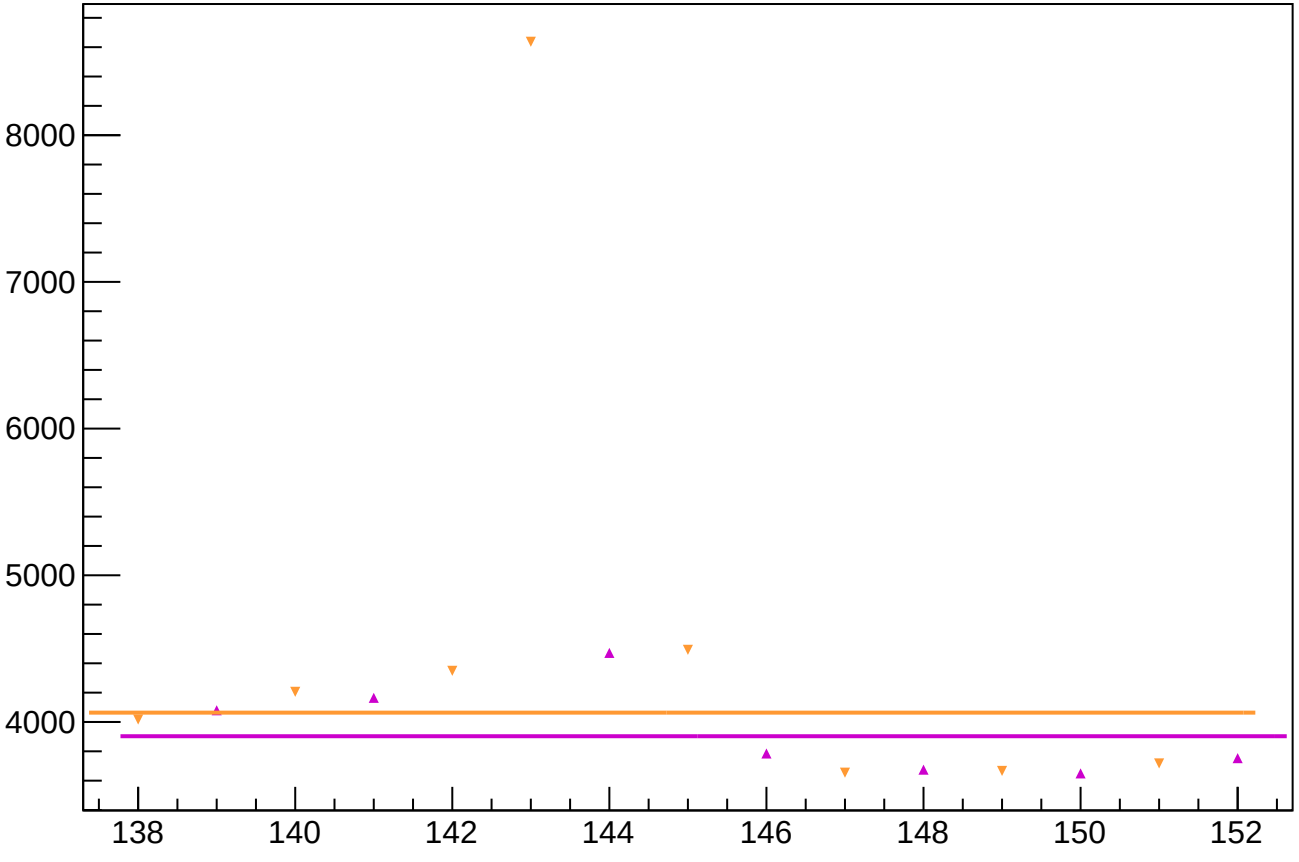
Left In: 657.740+/-1623.150 χ^2/NDF:5.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 915.317+/-1182.419 χ^2/NDF: 13.1/14

- 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: 4063.723+/-1.220 χ^2/NDF:444281.7/7

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

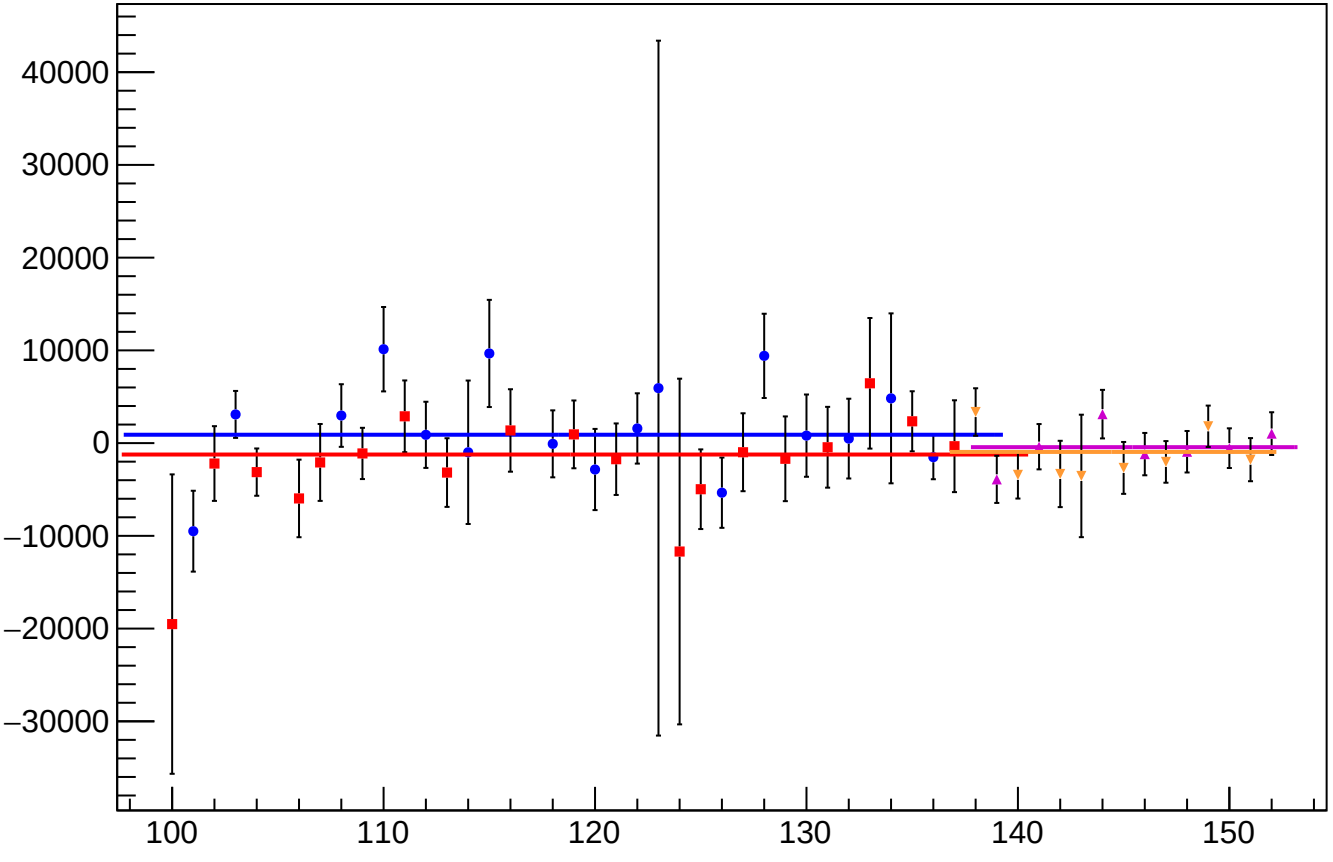
Left In: 3902.910+/-1.148 χ^2/NDF:56105.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3978.384+/-0.836 χ^2/NDF: 509600.9/14

- 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: -950.838+/-945.601 χ^2/NDF:6.6/7

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

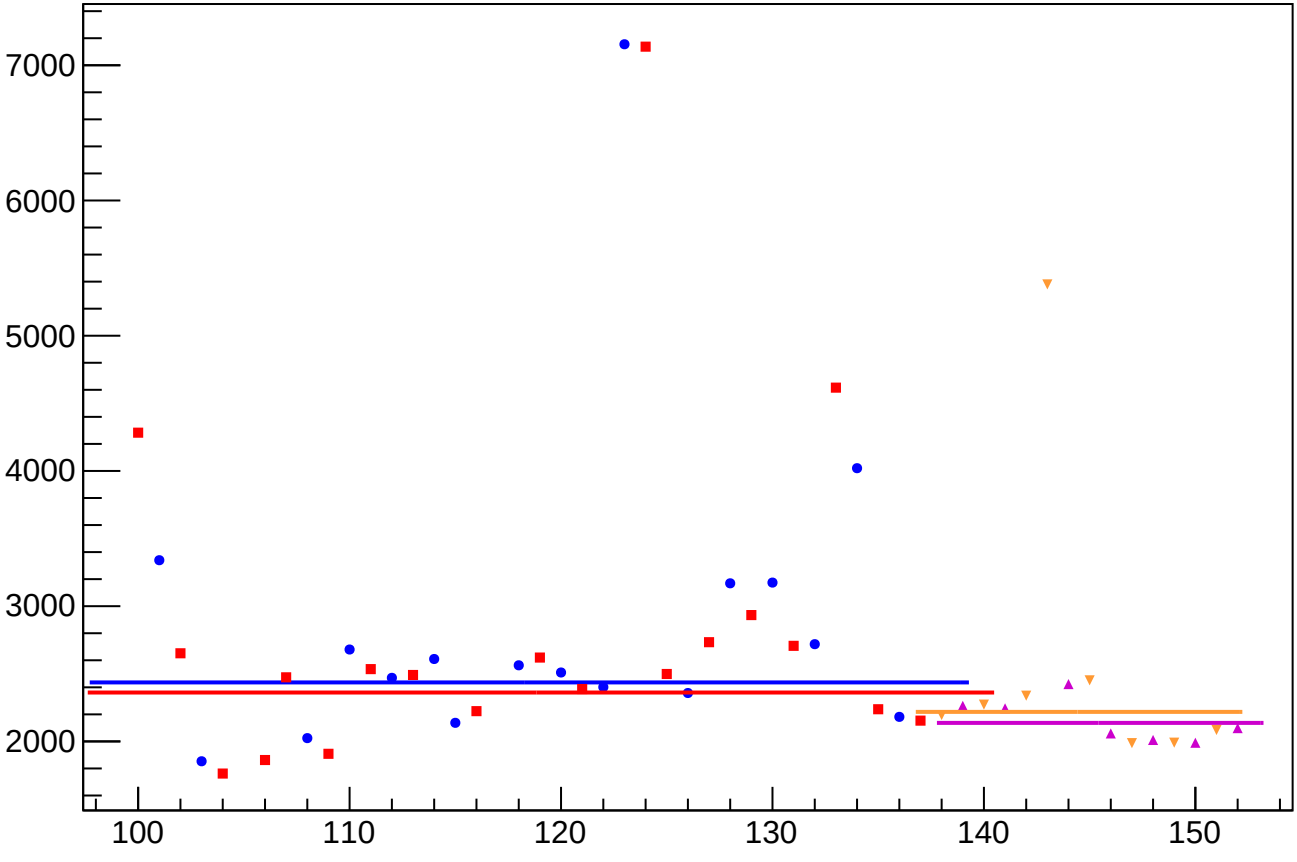
Left In: -436.622+/-888.564 χ^2/NDF:4.3/6

+ sign -39.641+/-674.336 χ^2/NDF: 30.1/24

All: -448.570+/-464.522 χ^2/NDF: 44.4/50

- sign -817.852+/-640.813 χ^2/NDF: 13.6/25

asym_at2_dd_rms vs Slug



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

Left Out: 2218.408+/-0.669 χ^2/NDF:524122.0/7

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

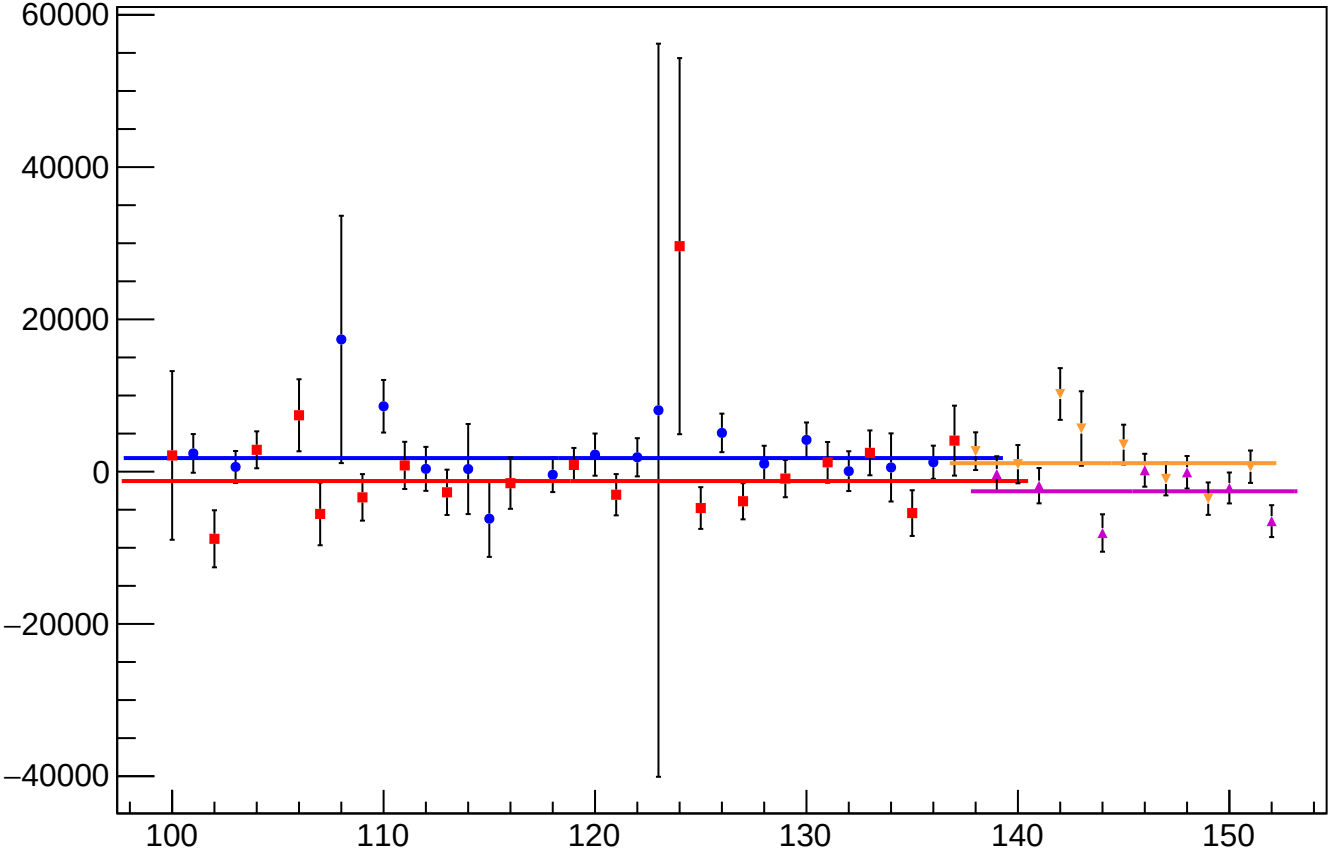
Left In: 2136.951+/-0.628 χ^2/NDF:51513.0/6

+ sign 2325.469+/-0.477 χ^2/NDF: 1044841.8/24

All: 2283.048+/-0.328 χ^2/NDF: 1828590.3/50

- sign 2244.741+/-0.453 χ^2/NDF: 768686.5/25

dit_asym_atl_avg_mean vs Slug



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

Left Out: 1115.320+/-894.015 χ^2/NDF:15.0/7

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

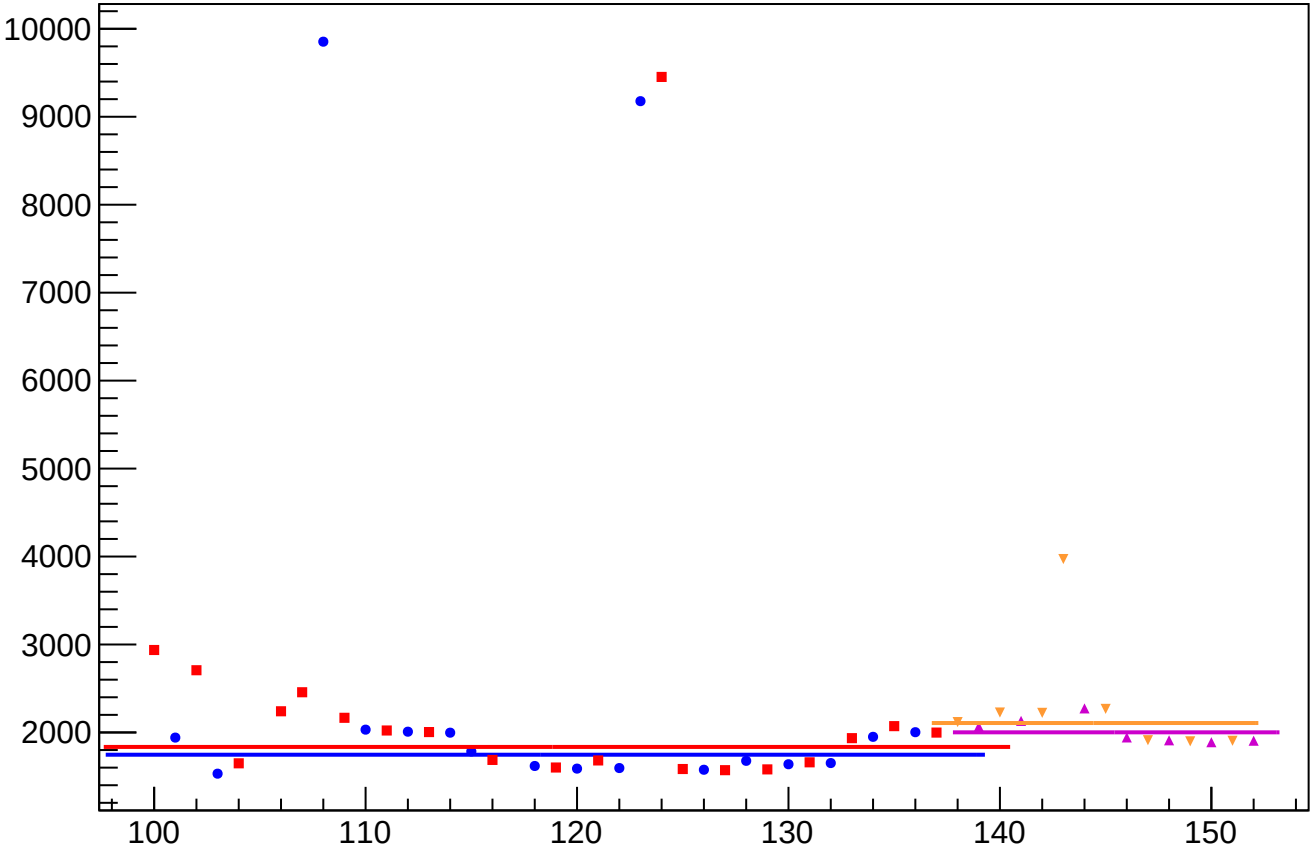
Left In: -2579.005+/-833.624 χ^2/NDF:12.6/6

+ sign 1532.076+/-548.409 χ^2/NDF: 27.8/24

All: -158.094+/-384.668 χ^2/NDF: 84.8/50

- sign -1795.023+/-539.702 χ^2/NDF: 38.3/25

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2107.264+/-0.632 χ^2/NDF:358720.7/7

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

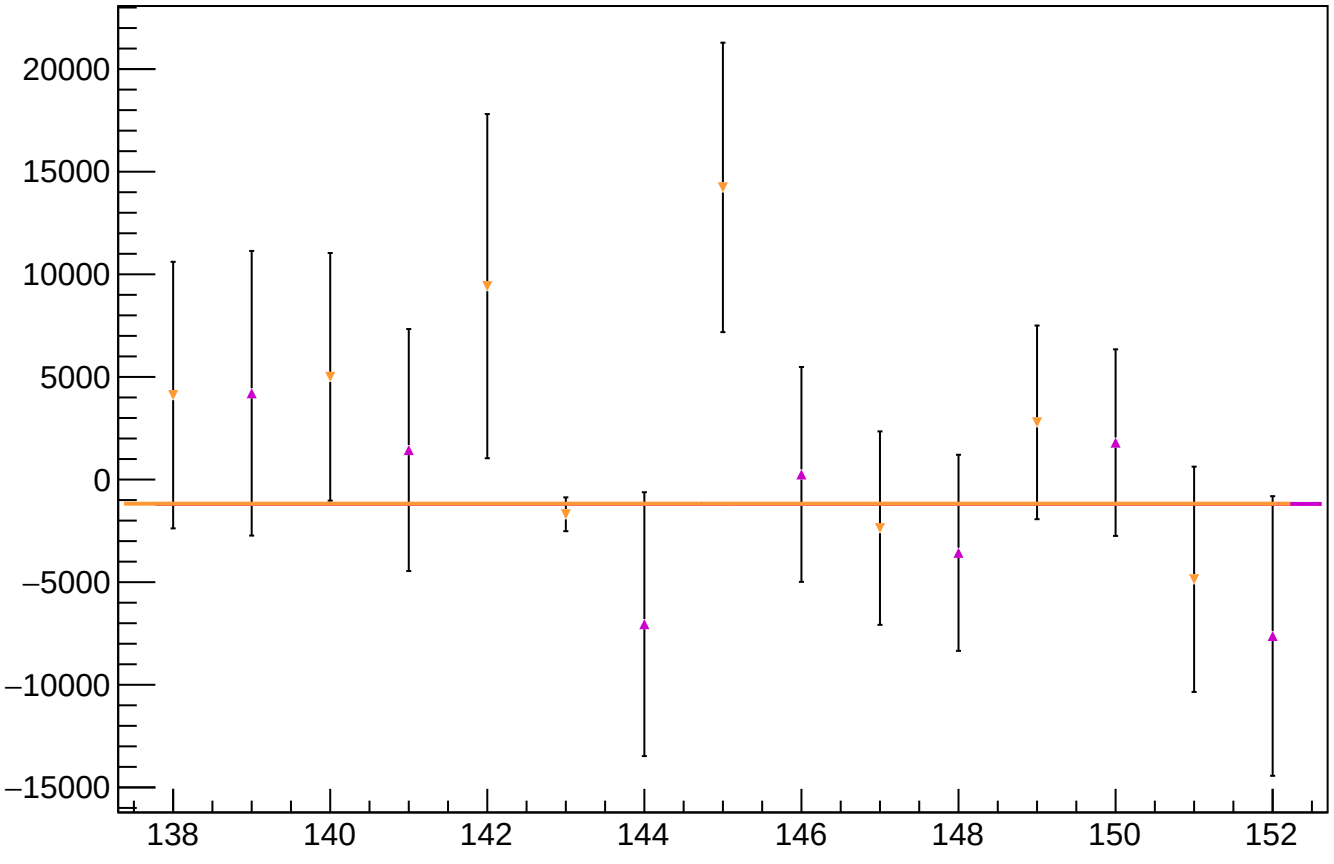
Left In: 2001.413+/-0.589 χ^2/NDF:47627.9/6

+ sign 1882.460+/-0.388 χ^2/NDF: 1243955.6/24

All: 1893.865+/-0.272 χ^2/NDF: 1889798.8/50

- sign 1904.895+/-0.381 χ^2/NDF: 644141.8/25

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1177.279+/-771.440 χ^2/NDF:9.7/7

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

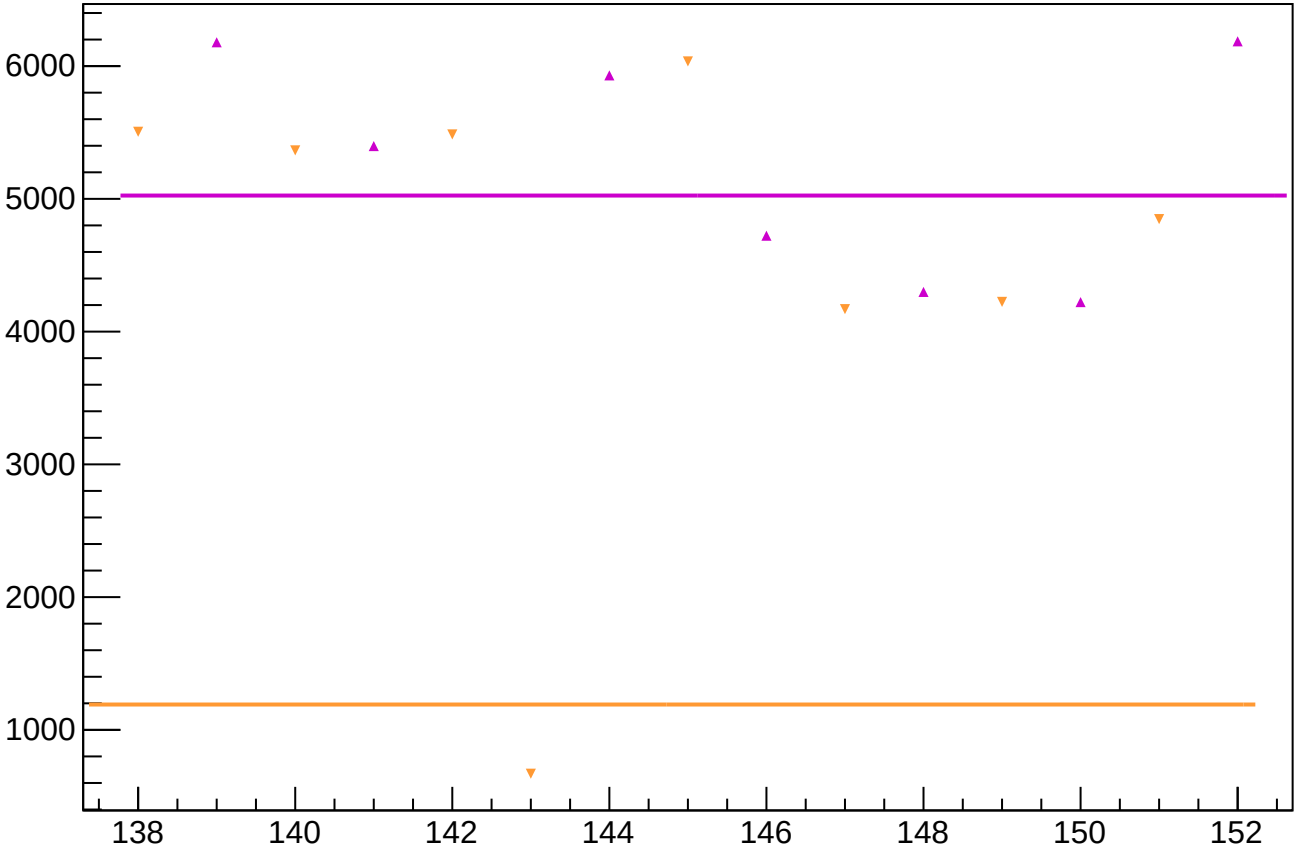
Left In: -1188.298+/-2112.857 χ^2/NDF:3.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1178.575+/-724.649 χ^2/NDF: 13.0/14

- 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: 1191.002+/-0.545 χ^2/NDF:6620984.0/7

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

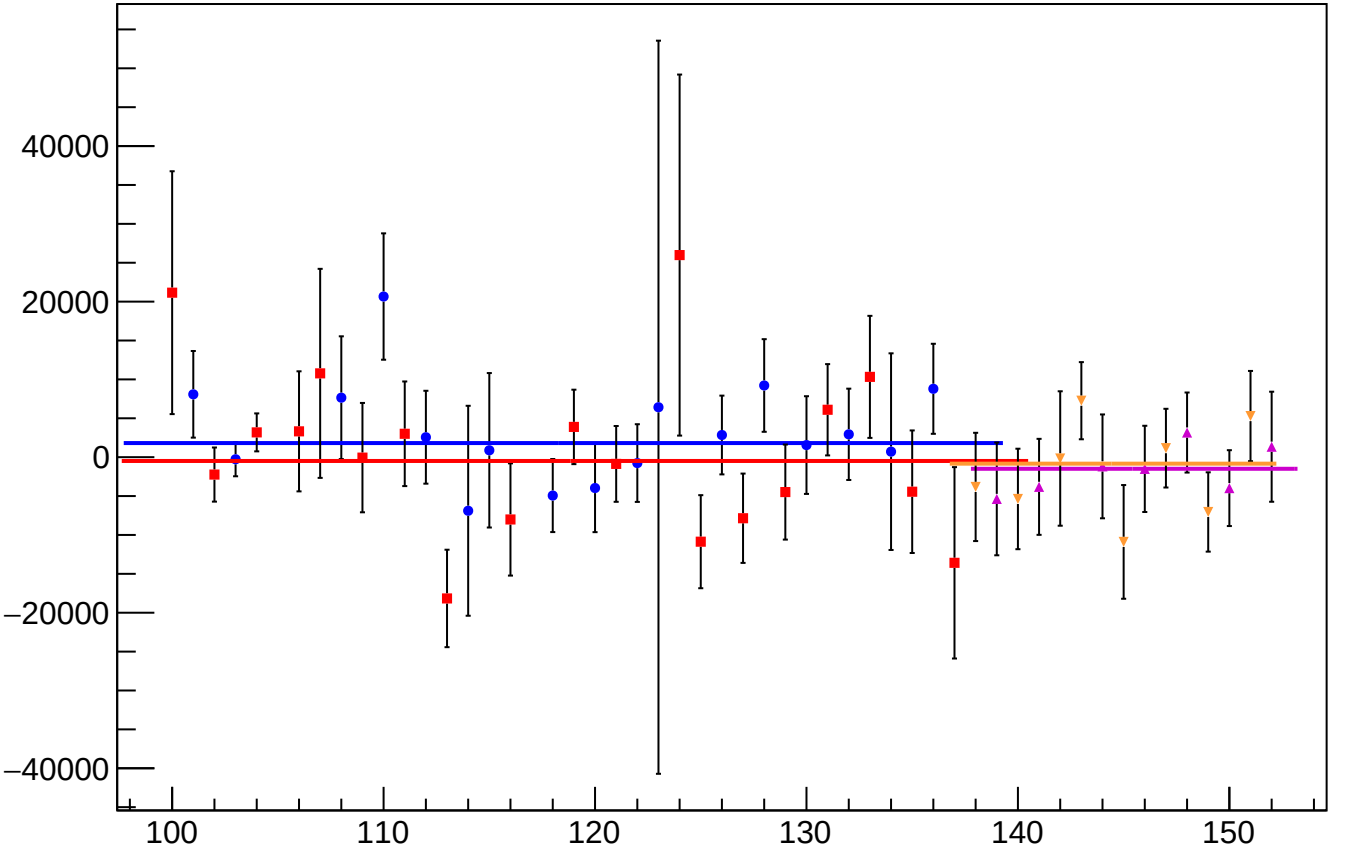
Left In: 5024.944+/-1.494 χ^2/NDF:276470.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1641.985+/-0.512 χ^2/NDF: 12708203.2/1

- 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: -834.688+/-2110.173 χ^2/NDF:8.0/7

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

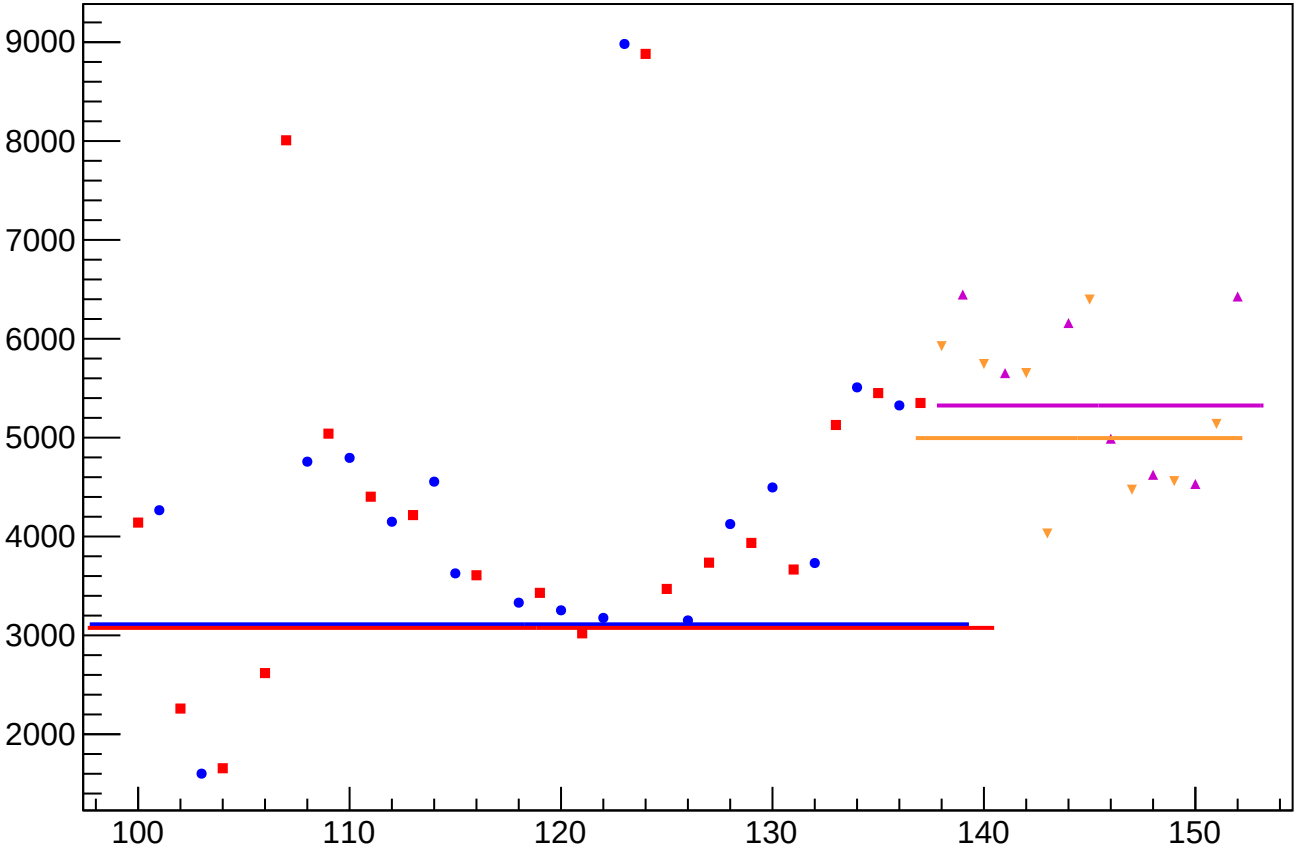
Left In: -1493.182+/-2235.943 χ^2/NDF:1.7/6

+ sign 1084.427+/-1107.630 χ^2/NDF: 24.1/24

All: 179.033+/-785.741 χ^2/NDF: 53.8/50

- sign -738.150+/-1114.818 χ^2/NDF: 28.3/25

asym_atl_avg_rms vs Slug



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

Left Out: 4995.640+/-1.492 χ^2/NDF:260427.6/7

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

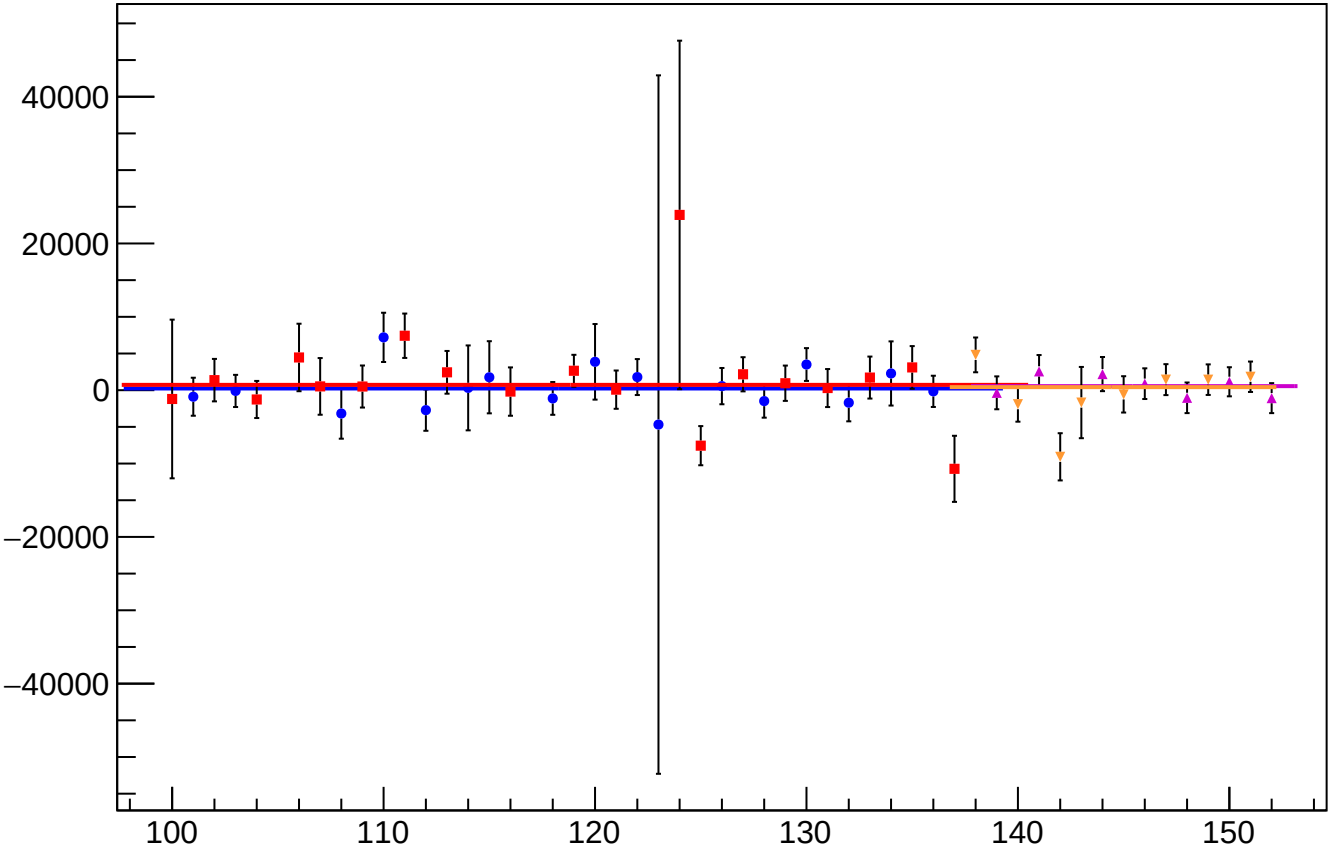
Left In: 5325.010+/-1.581 χ^2/NDF:230786.0/6

+ sign 3630.658+/-0.783 χ^2/NDF: 3294521.1/24

All: 3626.698+/-0.553 χ^2/NDF: 7066561.0/50

- sign 3622.773+/-0.780 χ^2/NDF: 3771989.0/25

dit_asym_atl_dd_mean vs Slug



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

Left Out: 416.201+/-862.662 χ^2/NDF:14.4/7

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

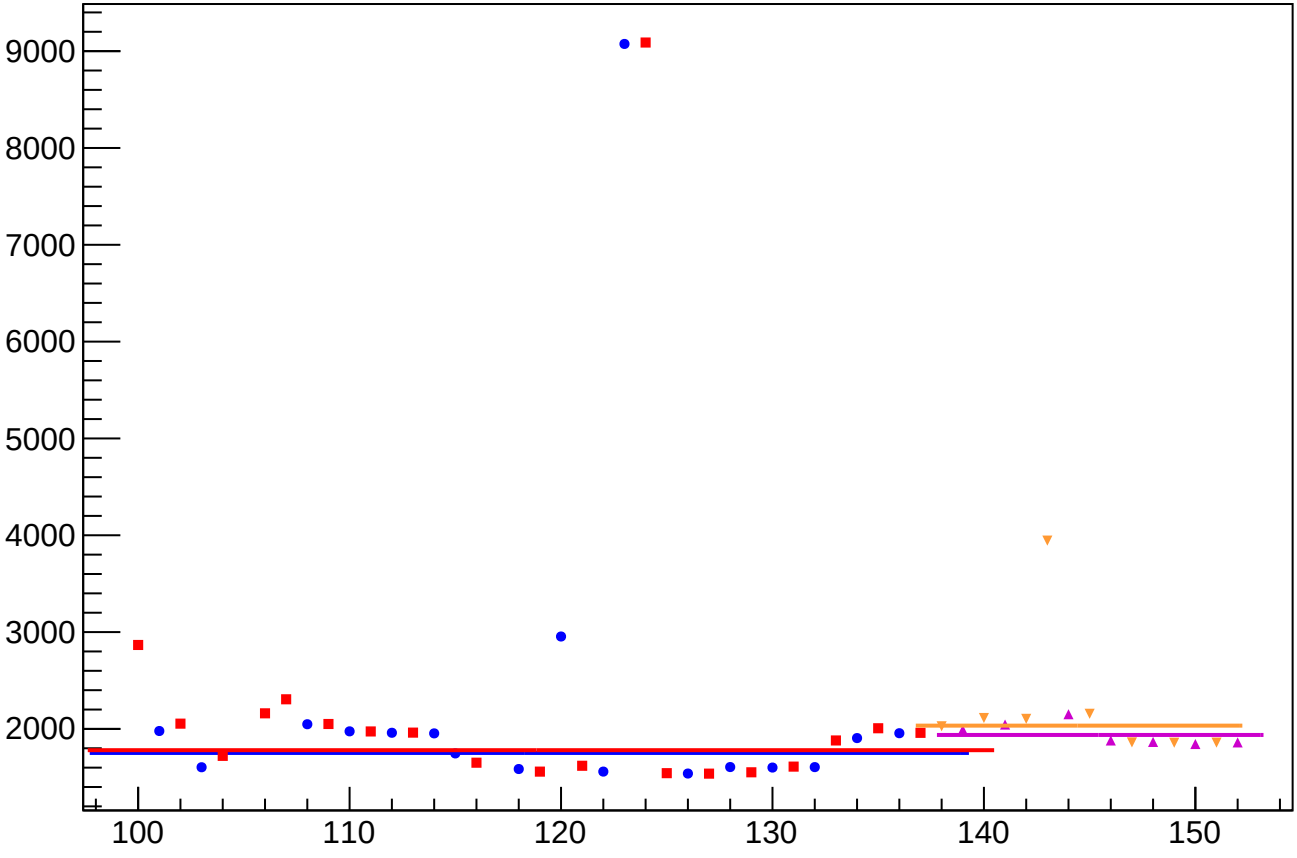
Left In: 552.358+/-806.402 χ^2/NDF:2.8/6

+ sign 303.656+/-537.304 χ^2/NDF: 26.0/24

All: 483.689+/-374.294 χ^2/NDF: 54.8/50

- sign 653.421+/-521.704 χ^2/NDF: 28.7/25

dit_asym_atl_dd_rms vs Slug



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

Left Out: 2033.885+/-0.610 χ^2/NDF:359827.8/7

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

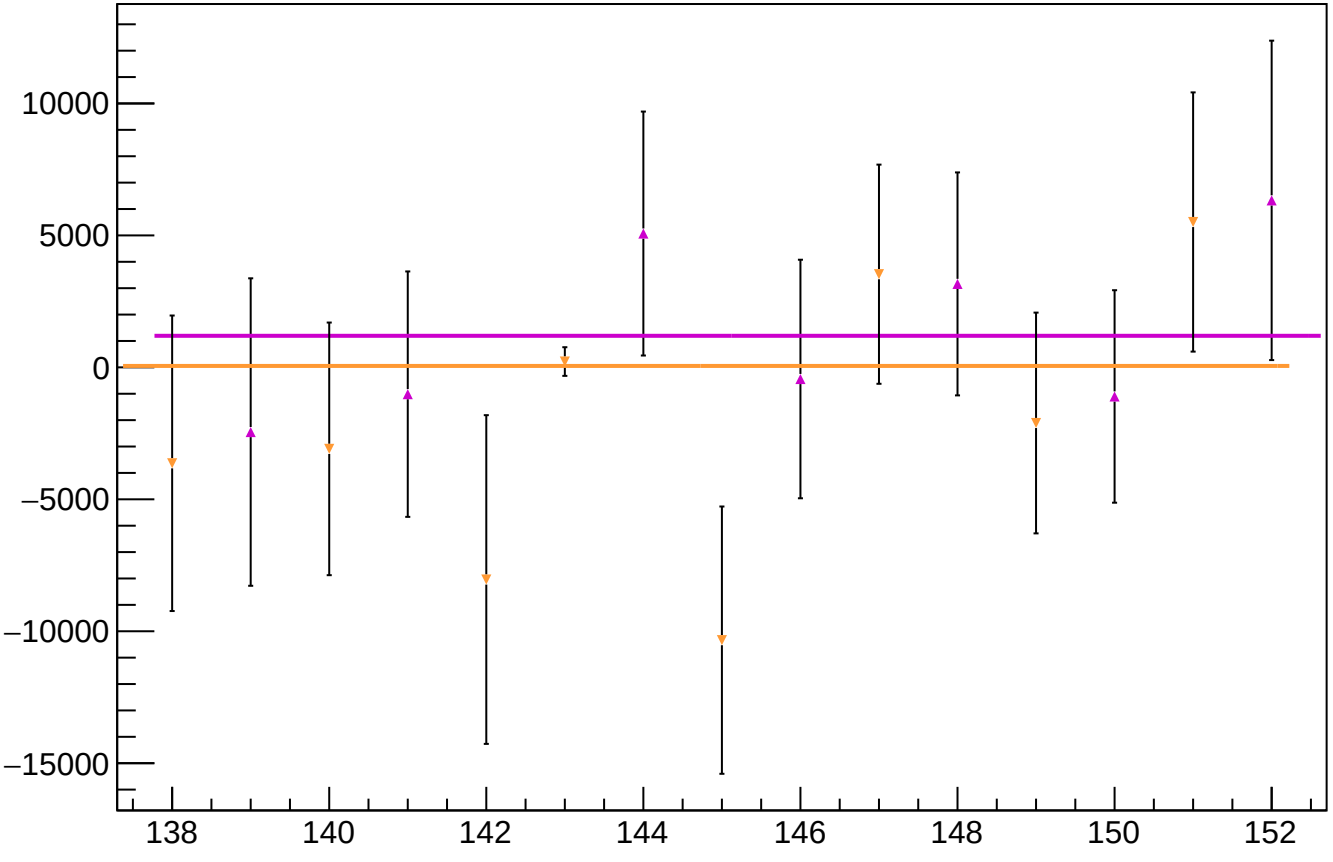
Left In: 1937.567+/-0.570 χ^2/NDF:33835.8/6

+ sign 1861.261+/-0.380 χ^2/NDF: 791569.1/24

All: 1853.373+/-0.265 χ^2/NDF: 1298909.2/50

- sign 1845.949+/-0.369 χ^2/NDF: 506503.3/25

asym_atl_dd_correction_mean vs Slug



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

Left Out: 53.945+/-520.619 χ^2/NDF:9.1/7

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

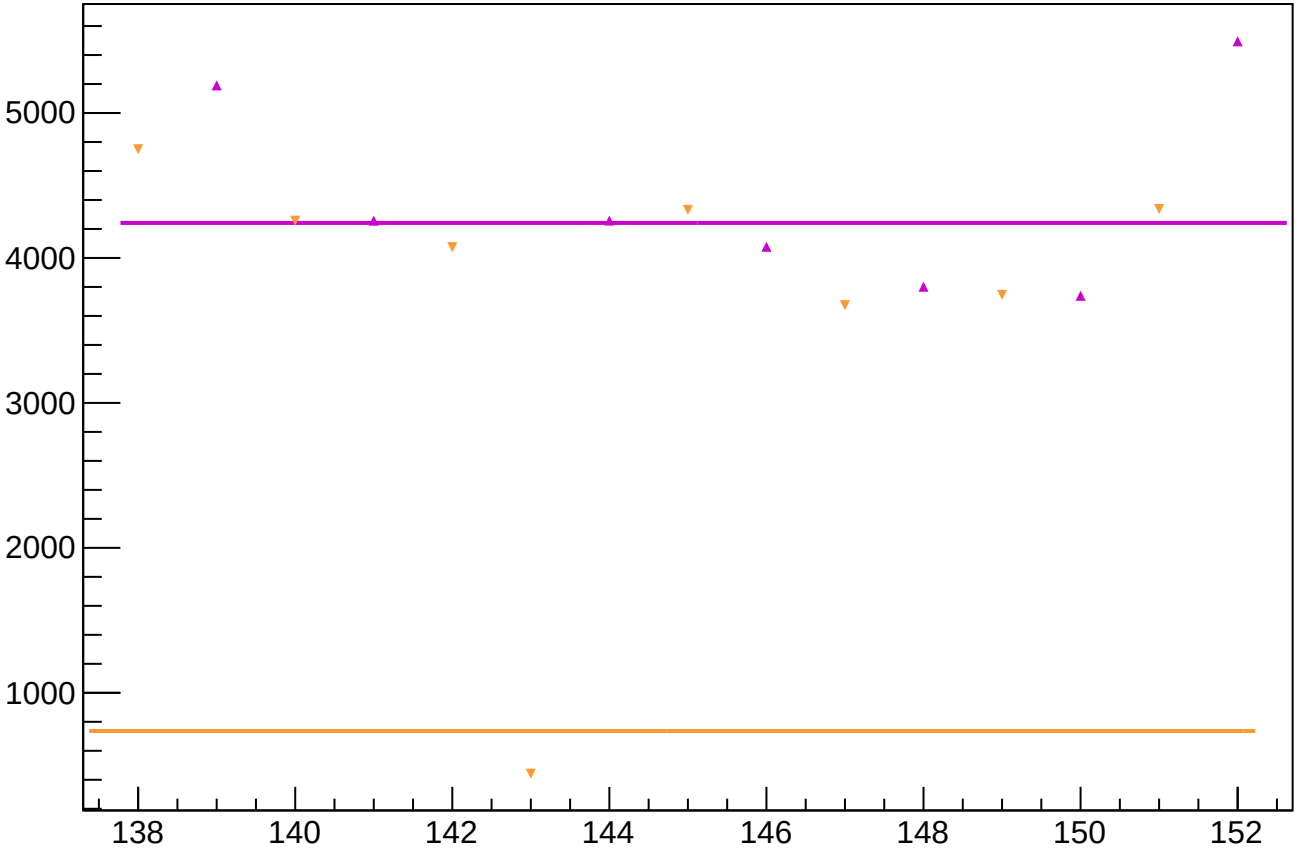
Left In: 1195.893+/-1777.475 χ^2/NDF:2.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 144.171+/-499.628 χ^2/NDF: 12.2/14

- 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: 736.320+/-0.368 χ^2/NDF:7391248.0/7

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

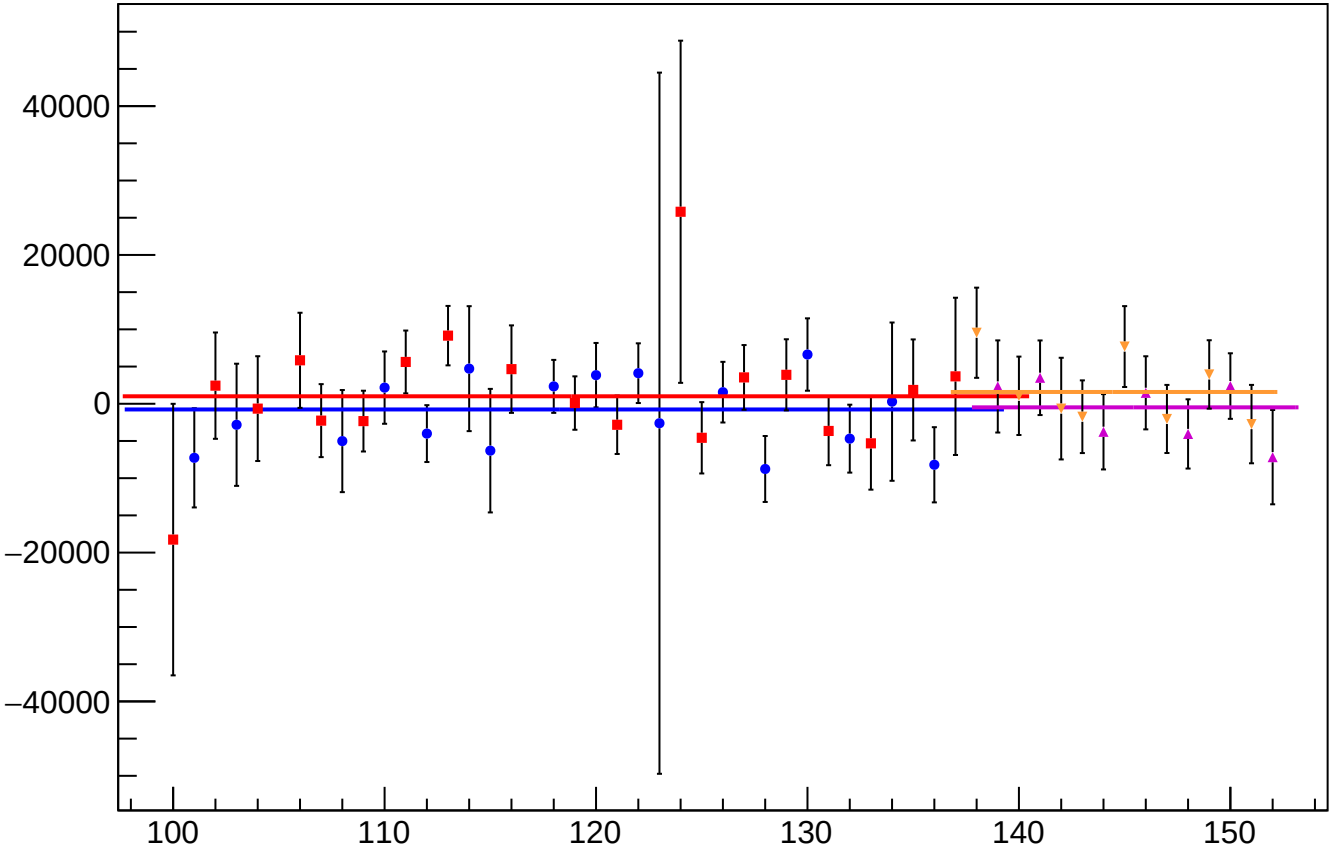
Left In: 4241.753+/-1.257 χ^2/NDF:194364.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1013.287+/-0.353 χ^2/NDF: 14749703.5/1

- 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: 1584.953+/-1852.076 χ^2/NDF:5.1/7

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

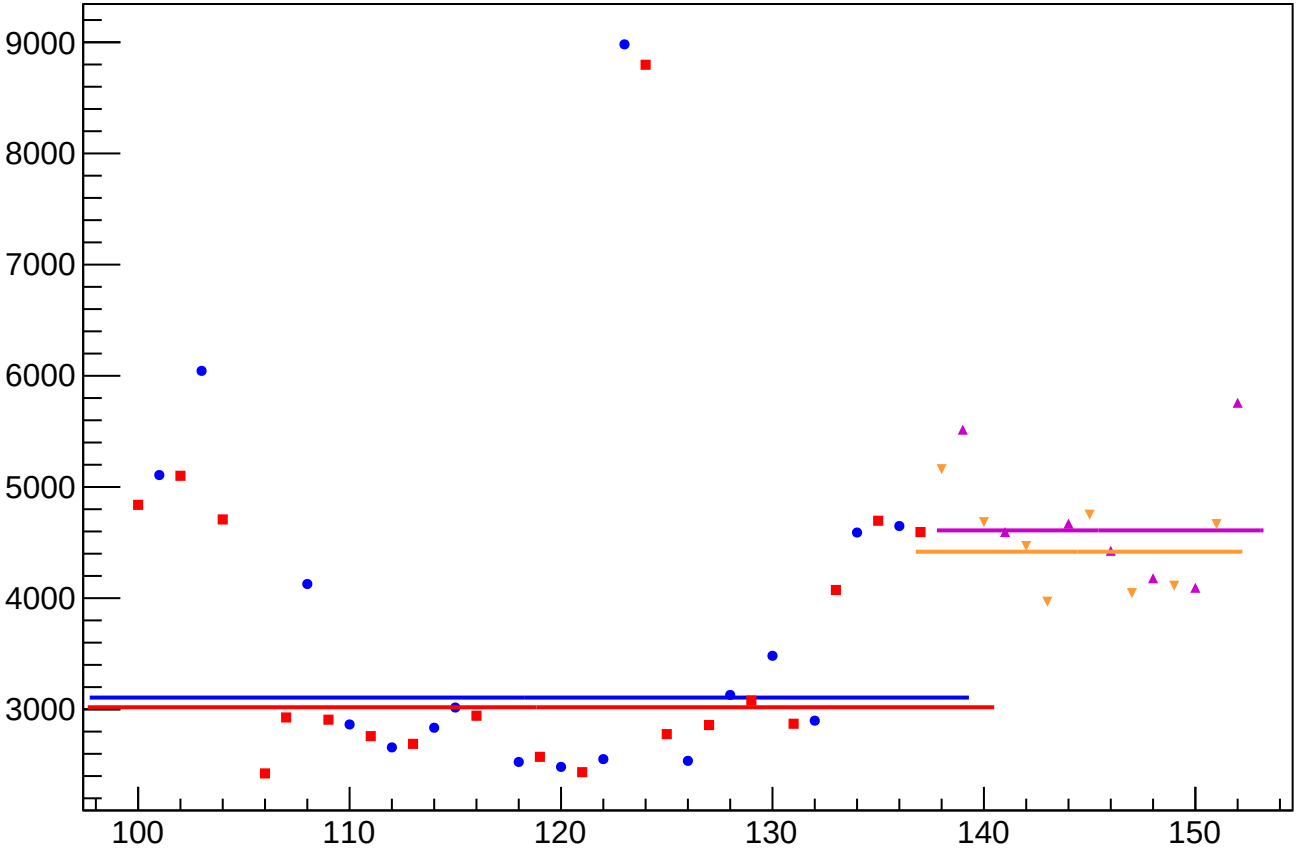
Left In: -481.330+/-1928.279 χ^2/NDF:3.5/6

+ sign -31.494+/-1034.791 χ^2/NDF: 21.8/24

All: 287.972+/-724.016 χ^2/NDF: 40.9/50

- sign 594.350+/-1013.371 χ^2/NDF: 19.0/25

asym_atl_dd_rms vs Slug



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

Left Out: 4417.854+/-1.310 χ^2/NDF:86179.0/7

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

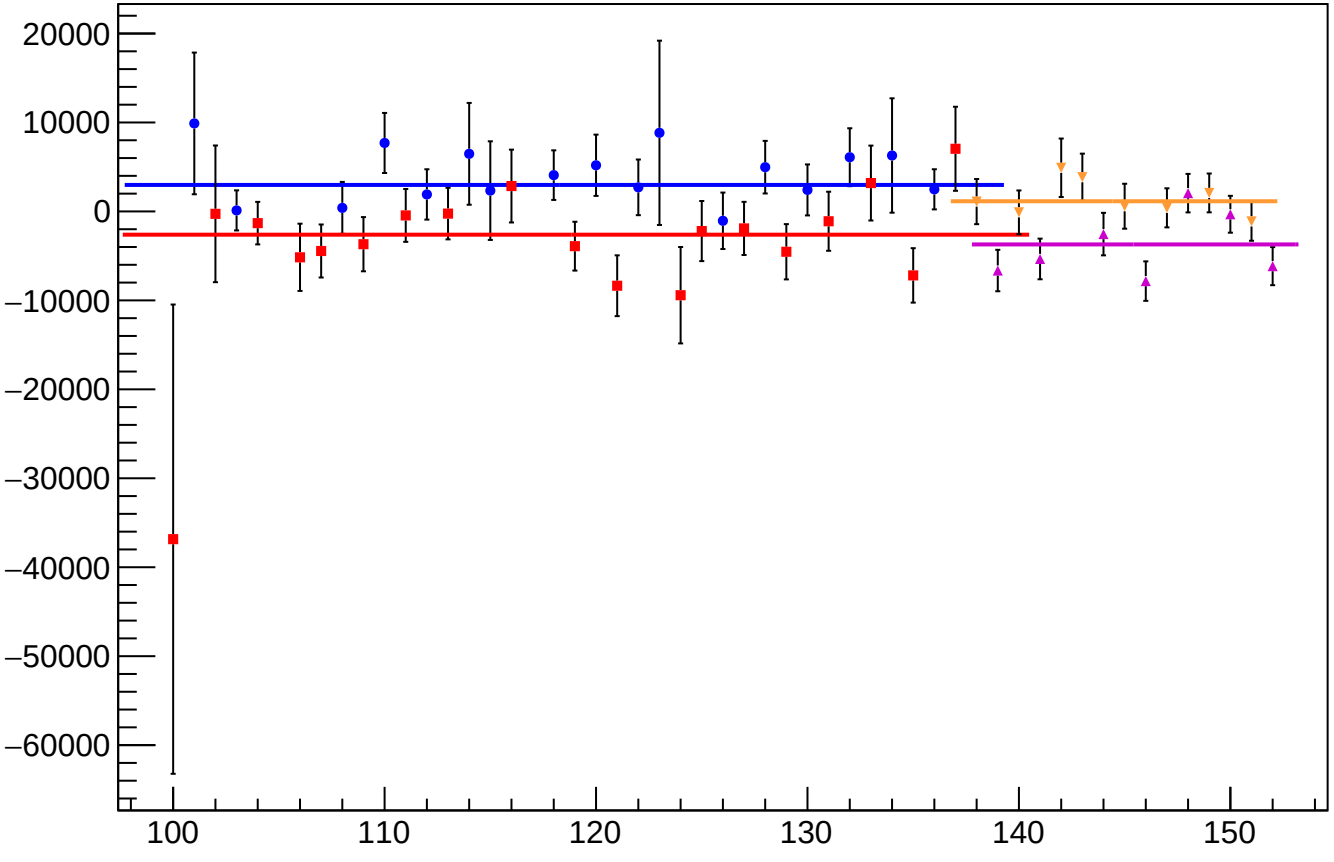
Left In: 4609.563+/-1.363 χ^2/NDF:156085.5/6

+ sign 3515.412+/-0.732 χ^2/NDF: 1736351.9/24

All: 3481.829+/-0.510 χ^2/NDF: 3682820.8/50

- sign 3450.202+/-0.710 χ^2/NDF: 1942378.5/25

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1143.635+/-863.593 χ^2/NDF:4.0/7

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

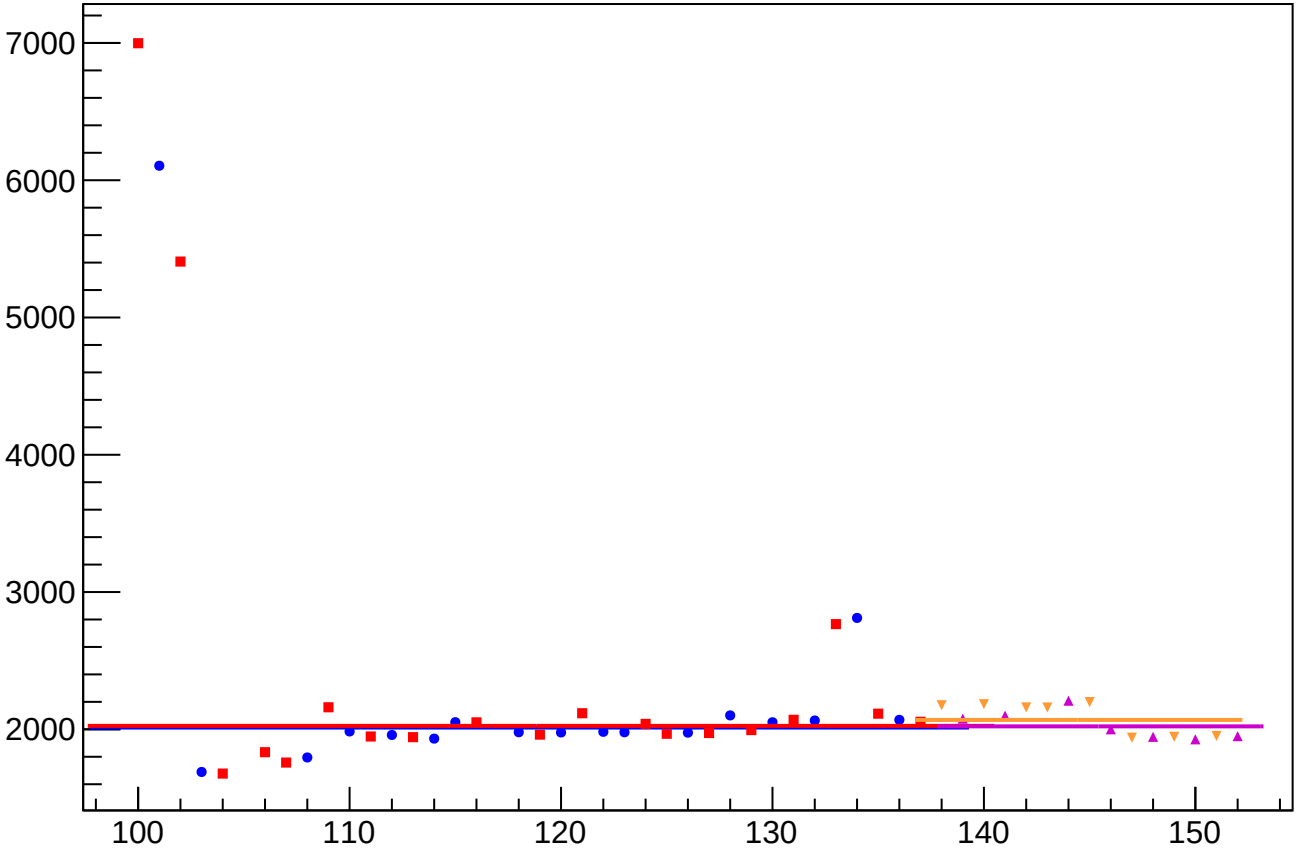
Left In: -3709.908+/-839.615 χ^2/NDF:16.9/6

+ sign 2136.335+/-585.057 χ^2/NDF: 16.3/24

All: -549.791+/-409.267 χ^2/NDF: 95.0/50

- sign -3123.858+/-572.723 χ^2/NDF: 37.4/25

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2068.310+/-0.611 χ^2/NDF:36175.6/7

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

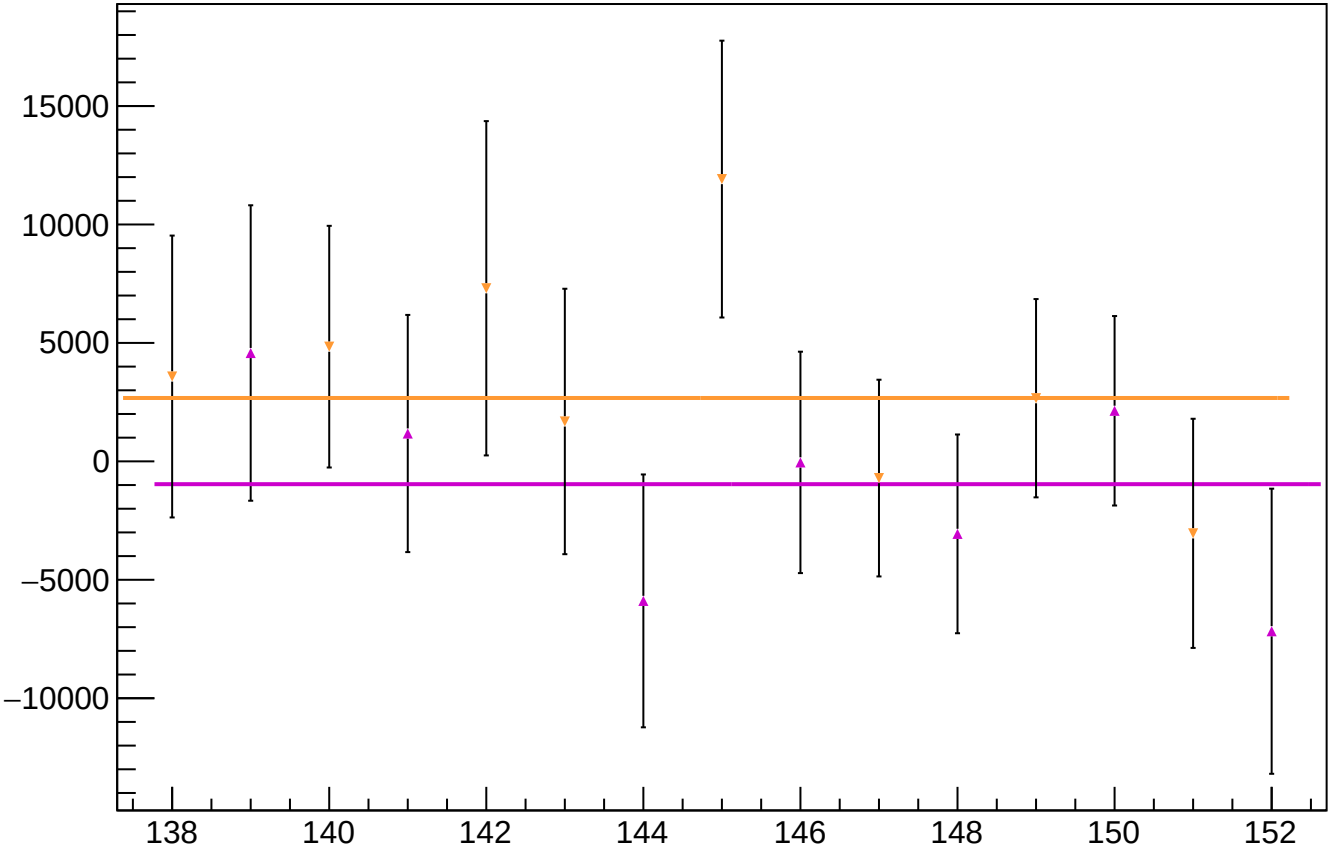
Left In: 2021.429+/-0.594 χ^2/NDF:24769.2/6

+ sign 2038.356+/-0.414 χ^2/NDF: 658330.5/24

All: 2030.705+/-0.289 χ^2/NDF: 1281211.9/50

- sign 2023.376+/-0.405 χ^2/NDF: 622211.8/25

asym_atr_avg_correction_mean vs Slug



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

Left Out: 2675.285+/-1808.598 χ^2/NDF:5.2/7

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

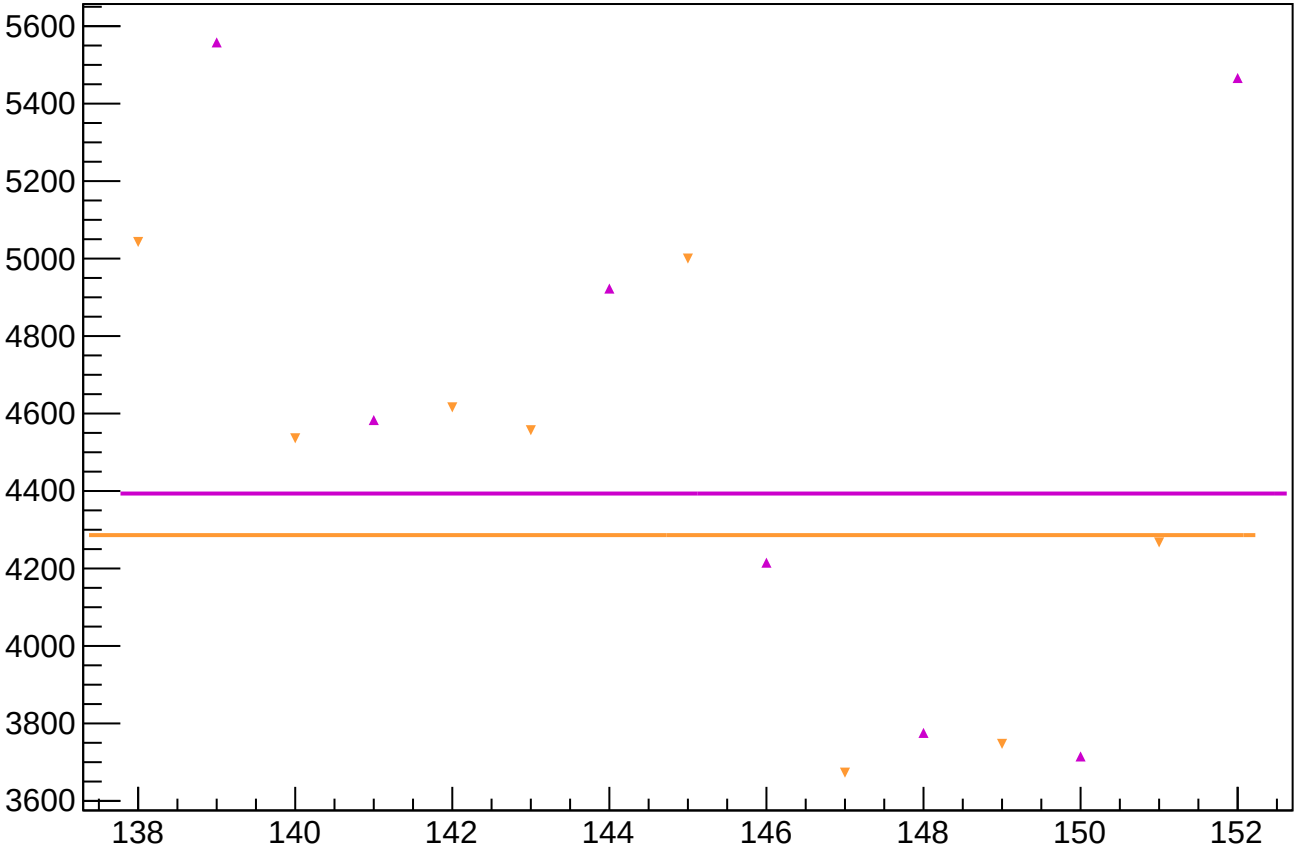
Left In: -963.440+/-1846.064 χ^2/NDF:3.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 893.222+/-1291.914 χ^2/NDF: 11.0/14

- 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: 4286.147+/-1.279 χ^2/NDF:152837.1/7

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

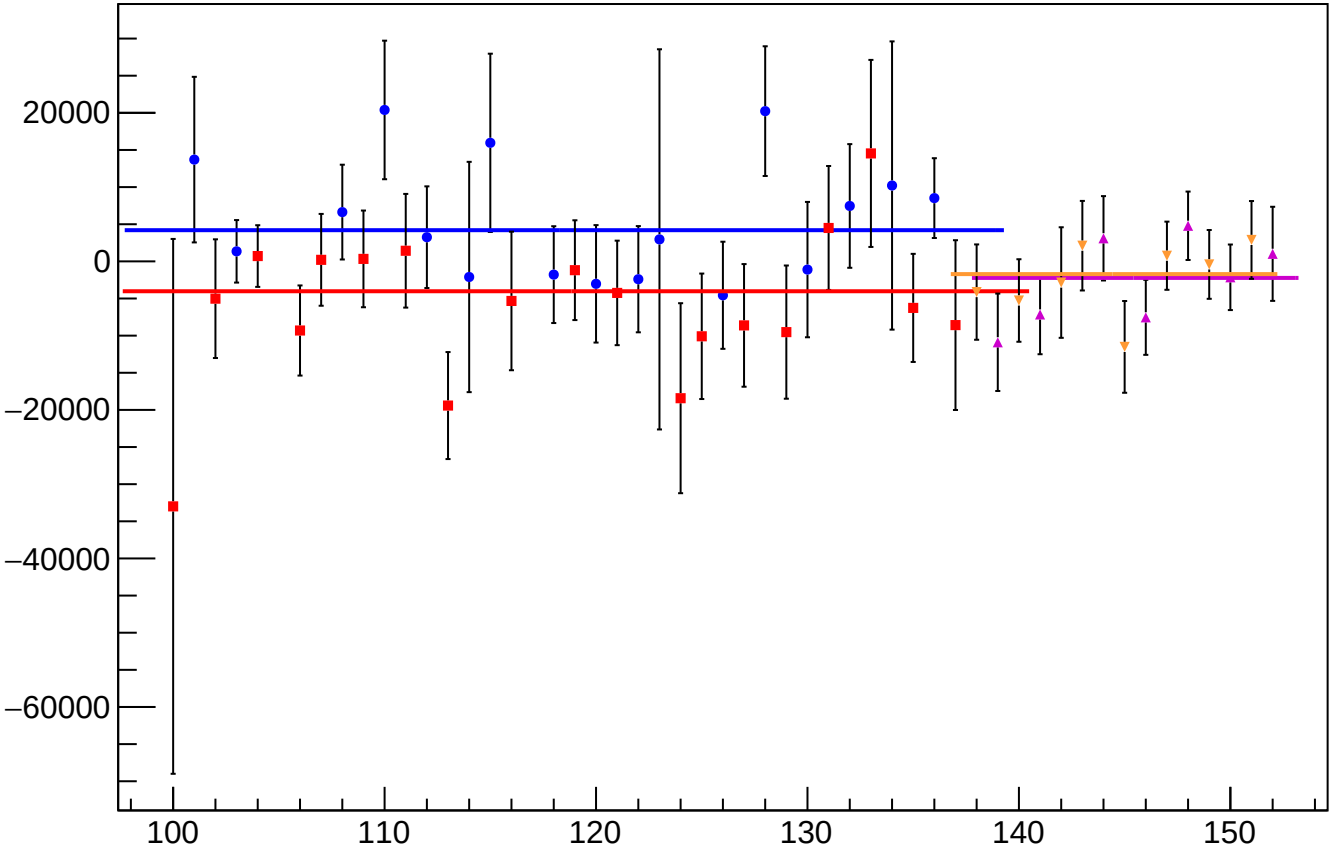
Left In: 4393.474+/-1.305 χ^2/NDF:259701.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4338.710+/-0.914 χ^2/NDF: 415987.8/14

- 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: -1714.808+/-1965.079 χ^2/NDF:4.6/7

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

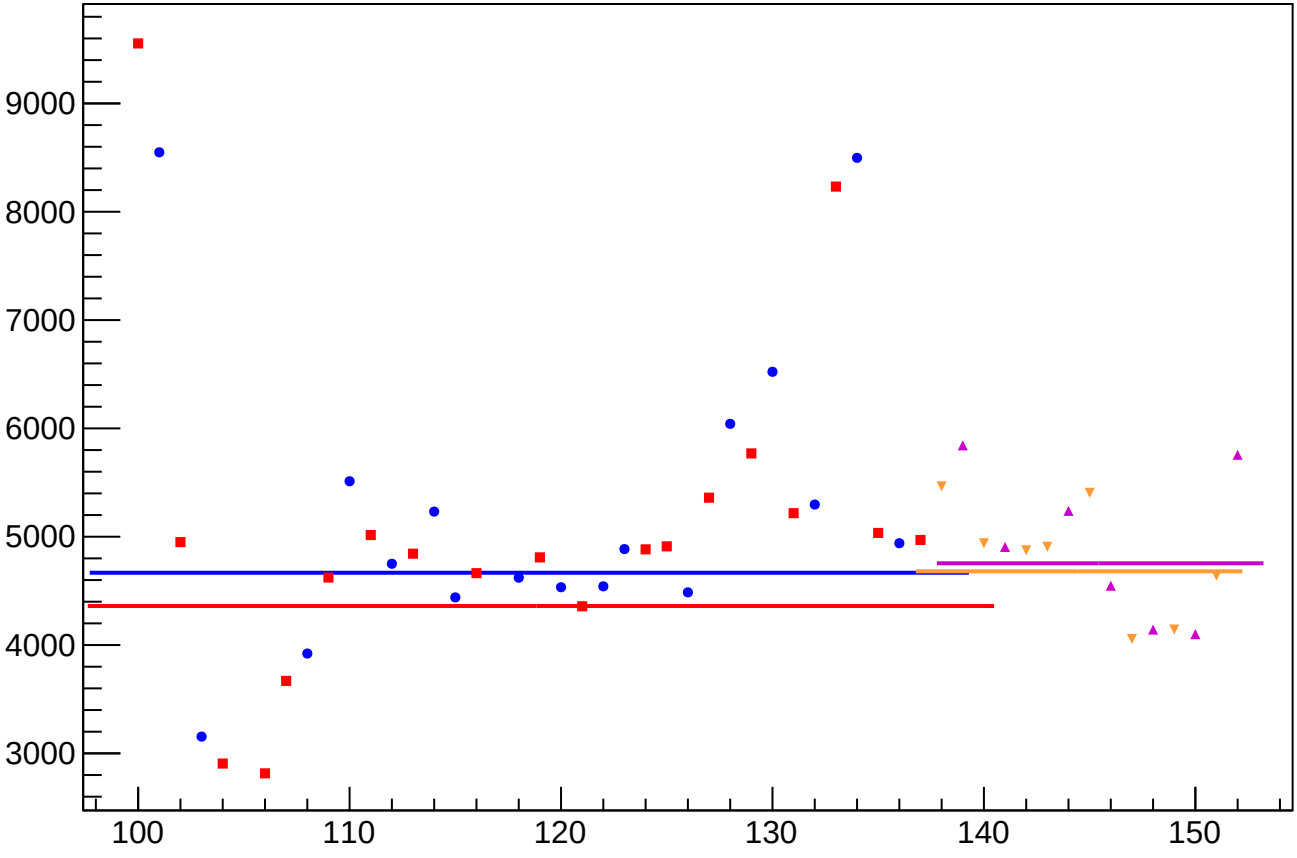
Left In: -2227.293+/-1992.962 χ^2/NDF:7.2/6

+ sign 1407.795+/-1349.997 χ^2/NDF: 23.5/24

All: -1003.316+/-938.044 χ^2/NDF: 52.2/50

- sign -3254.193+/-1304.368 χ^2/NDF: 22.5/25

asym_atr_avg_rms vs Slug



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

Left Out: 4680.504+/-1.390 χ^2/NDF:130018.0/7

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

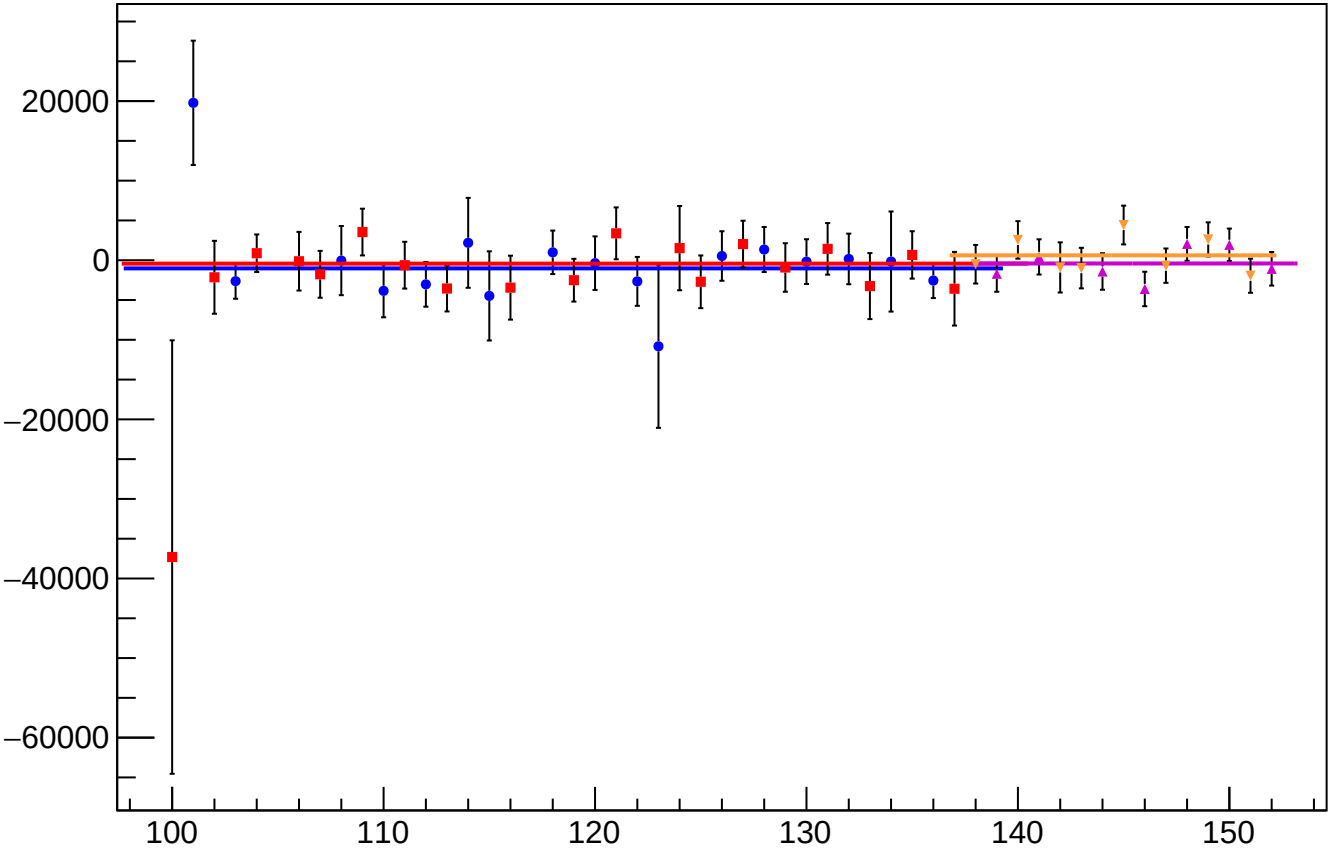
Left In: 4754.836+/-1.409 χ^2/NDF:203921.8/6

+ sign 4673.621+/-0.955 χ^2/NDF: 907922.4/24

All: 4598.246+/-0.662 χ^2/NDF: 2001569.5/50

- sign 4528.345+/-0.919 χ^2/NDF: 1081630.3/25

dit_asym_atr_dd_mean vs Slug



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

Left Out: 611.957+/-838.654 χ^2/NDF:6.6/7

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

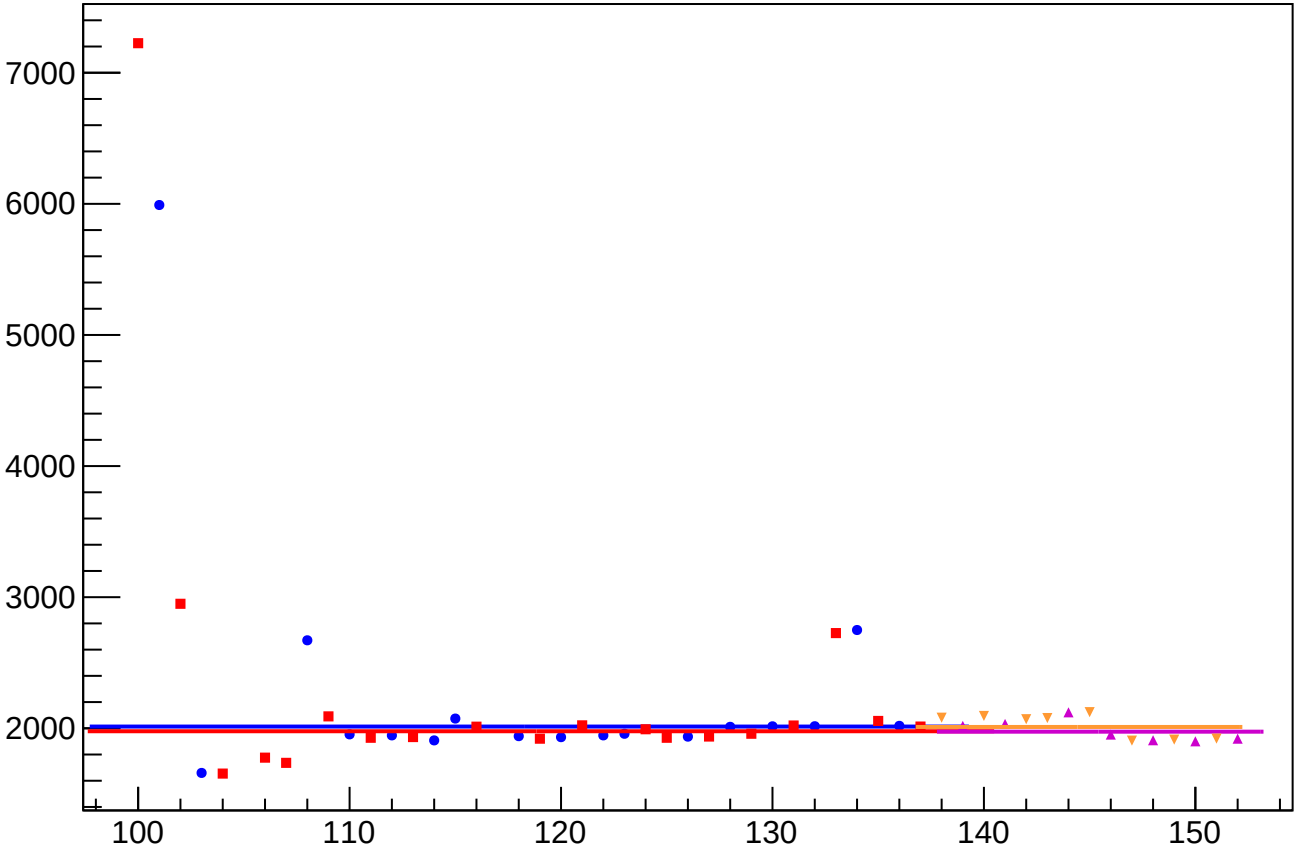
Left In: -409.749+/-819.647 χ^2/NDF:5.6/6

+ sign -249.673+/-577.575 χ^2/NDF: 21.7/24

All: -337.734+/-401.165 χ^2/NDF: 38.1/50

- sign -419.815+/-557.618 χ^2/NDF: 16.4/25

dit_asym_atr_dd_rms vs Slug



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

Left Out: 2010.179+/-0.593 χ^2/NDF:22777.9/7

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

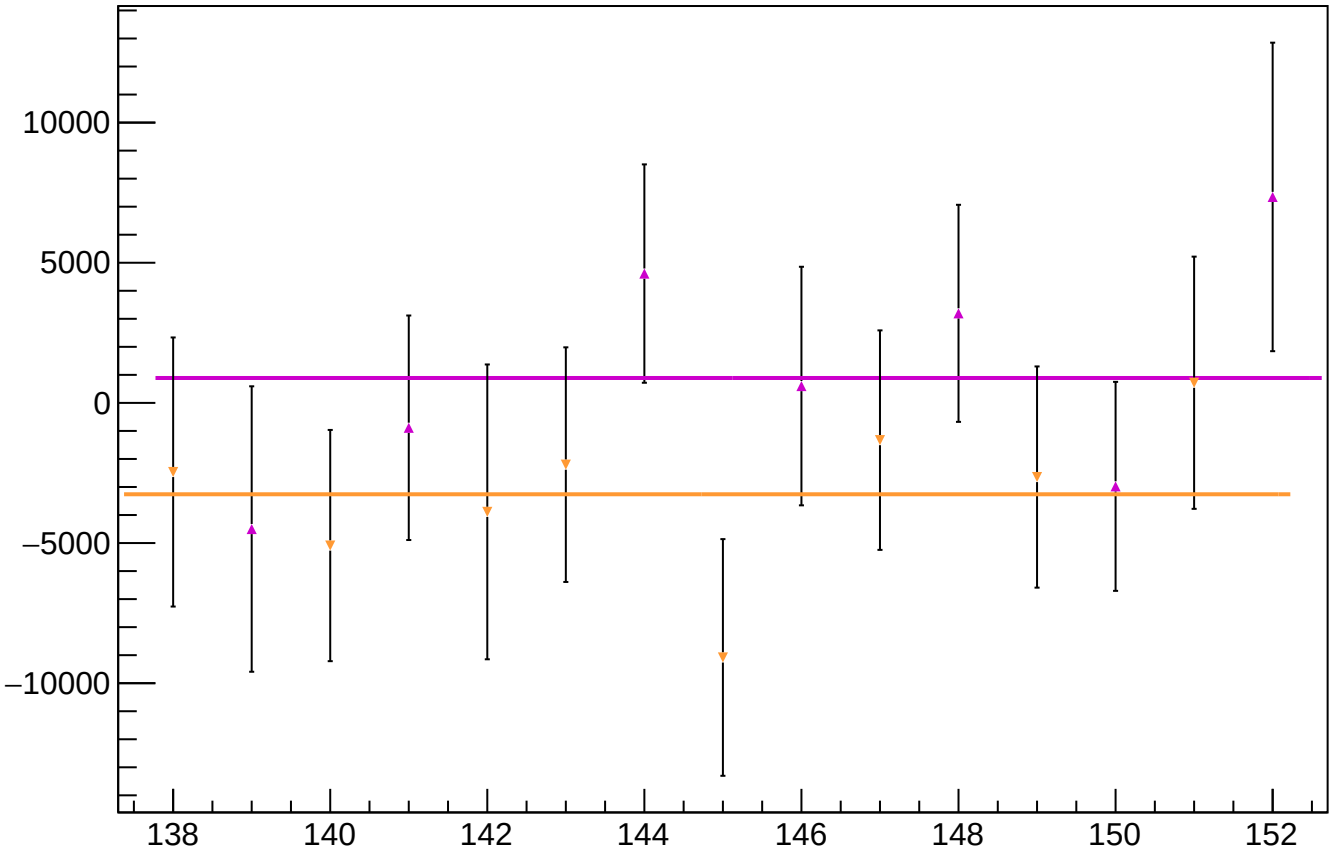
Left In: 1974.231+/-0.580 χ^2/NDF:16418.8/6

+ sign 2011.804+/-0.408 χ^2/NDF: 672840.7/24

All: 1993.269+/-0.284 χ^2/NDF: 988153.4/50

- sign 1976.013+/-0.394 χ^2/NDF: 311335.5/25

asym_atr_dd_correction_mean vs Slug



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

Left Out: -3259.705+/-1524.269 χ^2/NDF:3.3/7

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

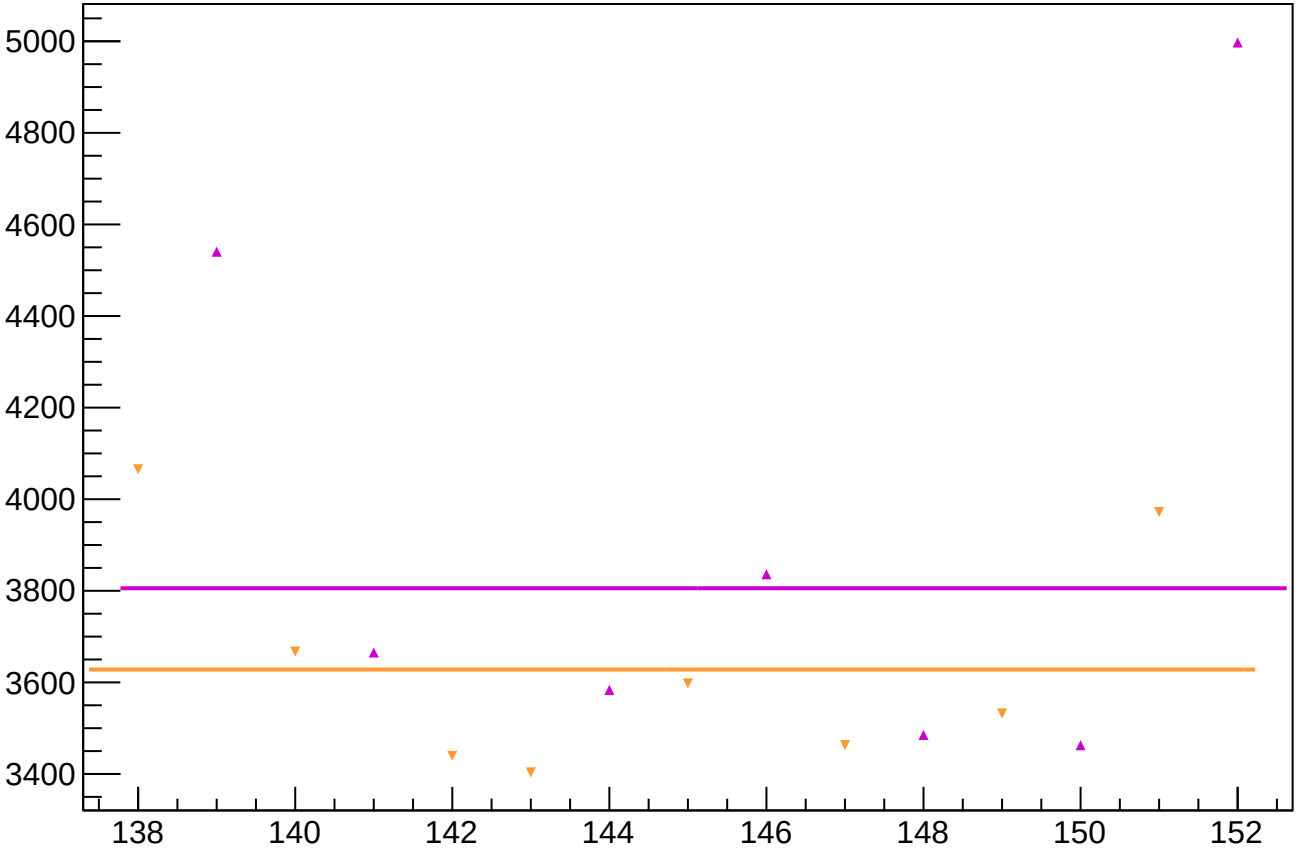
Left In: 888.661+/-1593.695 χ^2/NDF:5.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1277.846+/-1101.547 χ^2/NDF: 11.8/14

- 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: 3628.065+/-1.078 χ^2/NDF:41629.2/7

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

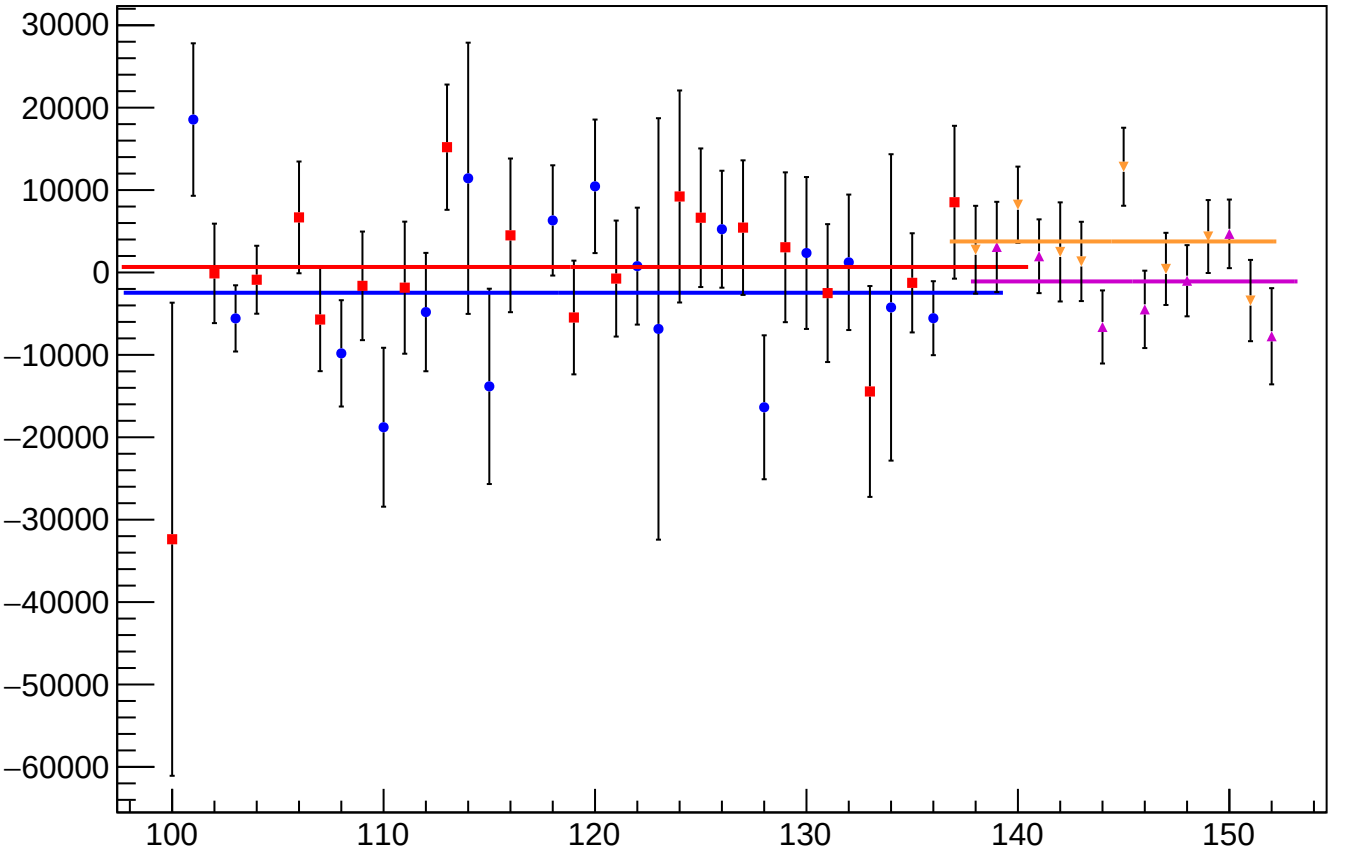
Left In: 3805.558+/-1.127 χ^2/NDF:175109.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3712.861+/-0.779 χ^2/NDF: 229694.7/14

- 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: 3763.249+/-1710.527 χ^2/NDF:7.6/7

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

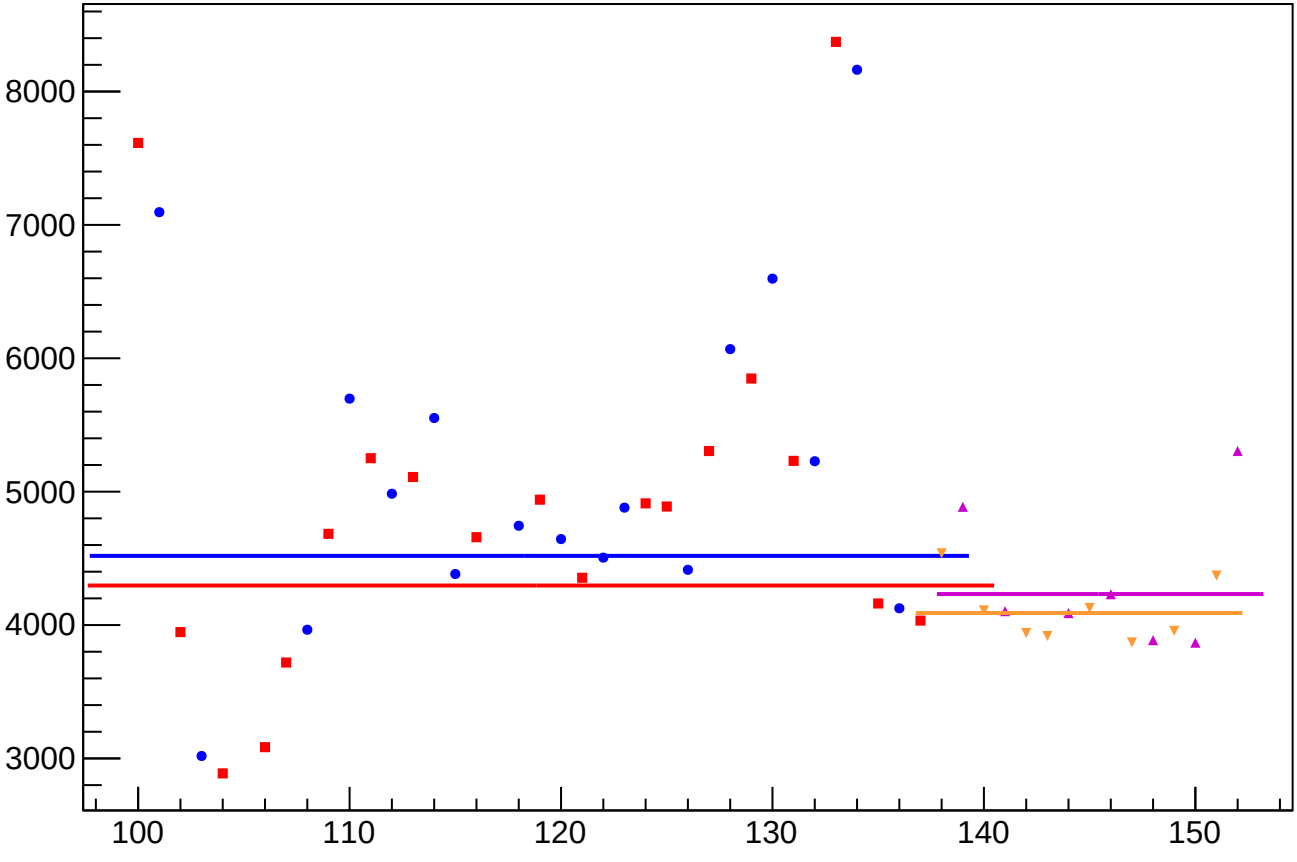
Left In: -1087.962+/-1767.587 χ^2/NDF:6.3/6

+ sign 804.391+/-1239.064 χ^2/NDF: 34.8/24

All: 309.481+/-869.855 χ^2/NDF: 53.8/50

- sign -171.456+/-1221.447 χ^2/NDF: 18.8/25

asym_atr_dd_rms vs Slug



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

Left Out: 4090.240+/-1.210 χ^2/NDF:31462.9/7

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

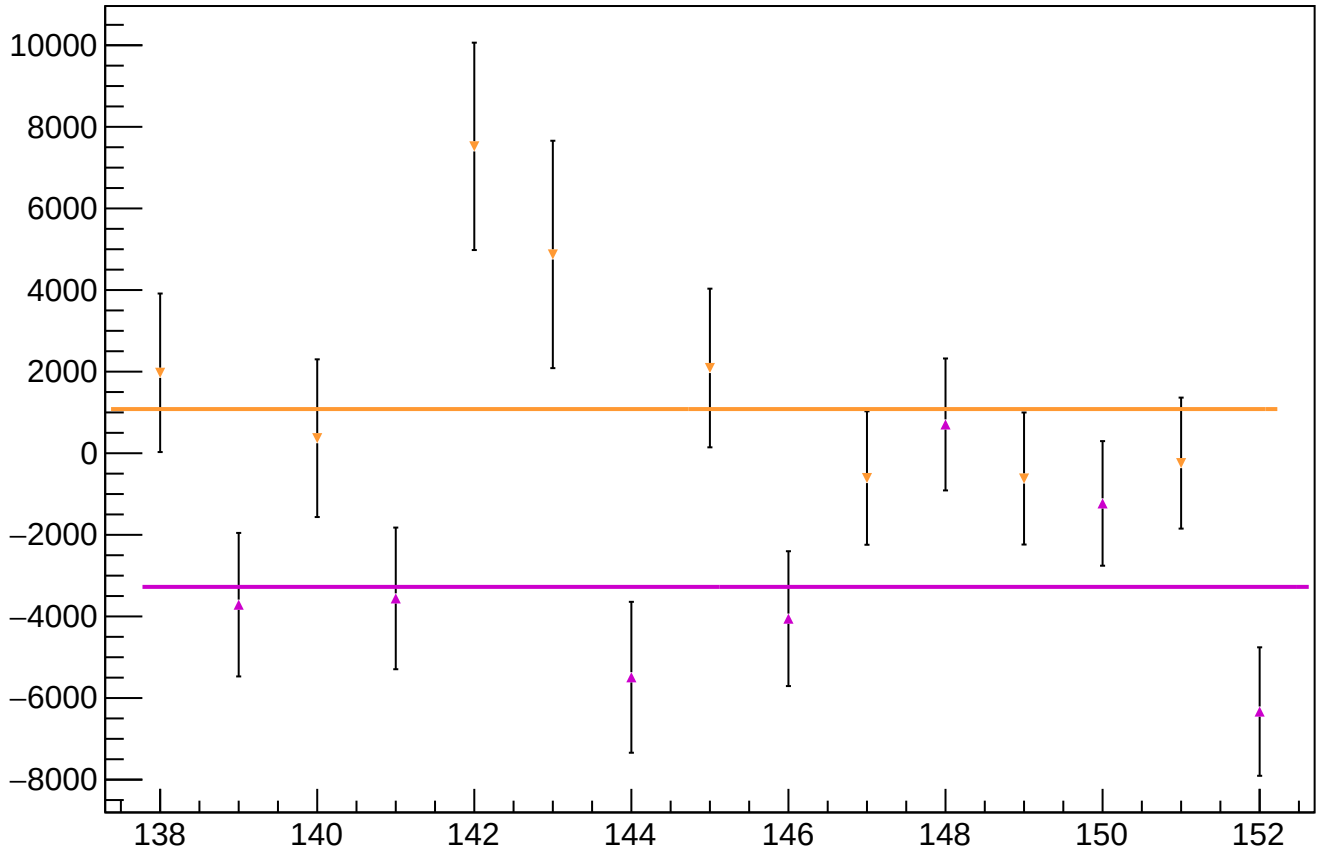
Left In: 4232.432+/-1.250 χ^2/NDF:127894.5/6

+ sign 4293.871+/-0.876 χ^2/NDF: 861325.8/24

All: 4279.706+/-0.614 χ^2/NDF: 1762811.6/50

- sign 4266.020+/-0.861 χ^2/NDF: 900971.9/25

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1082.709+/-670.487 χ^2/NDF:11.7/7

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

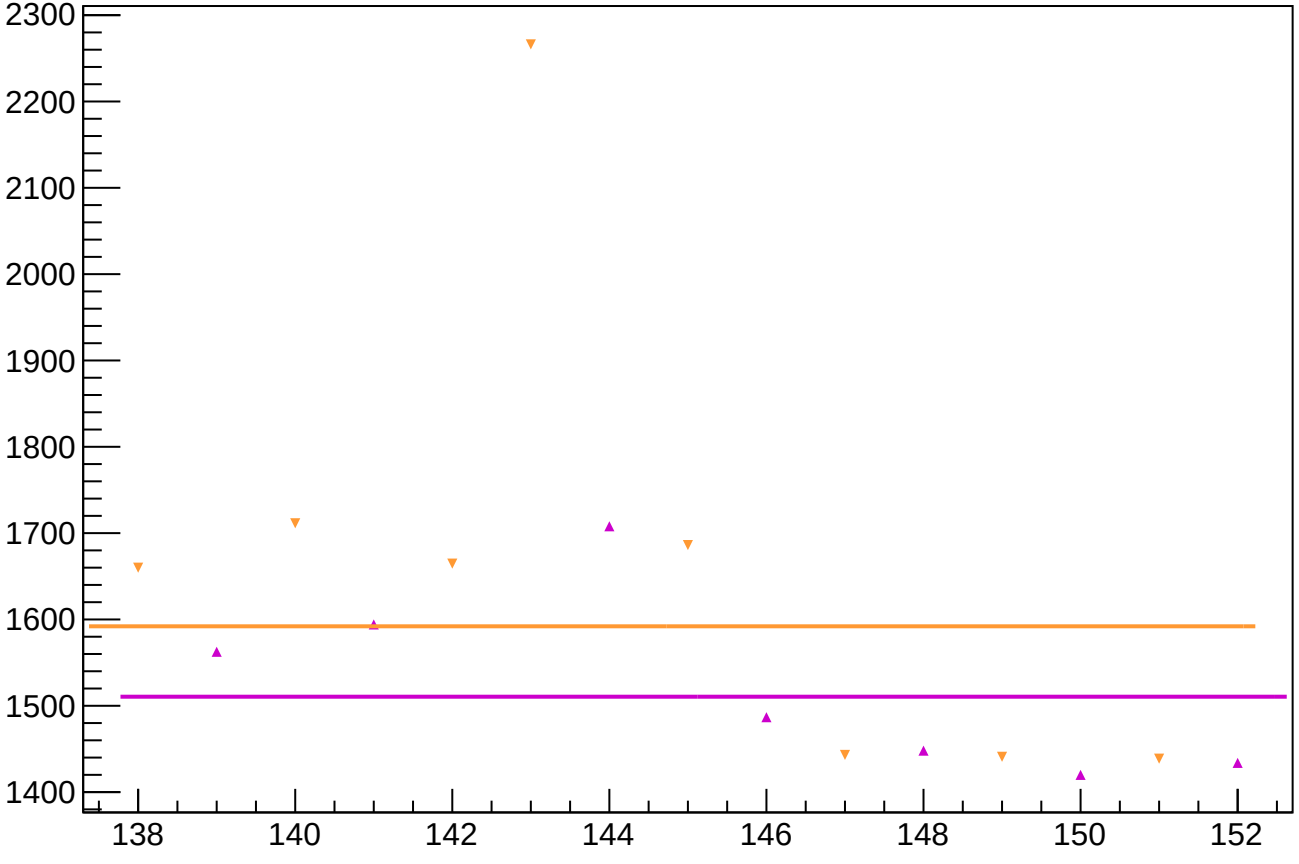
Left In: -3275.544+/-628.885 χ^2/NDF:13.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1235.813+/-458.691 χ^2/NDF: 47.6/14

- 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: 1592.066+/-0.474 χ^2/NDF:185712.3/7

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

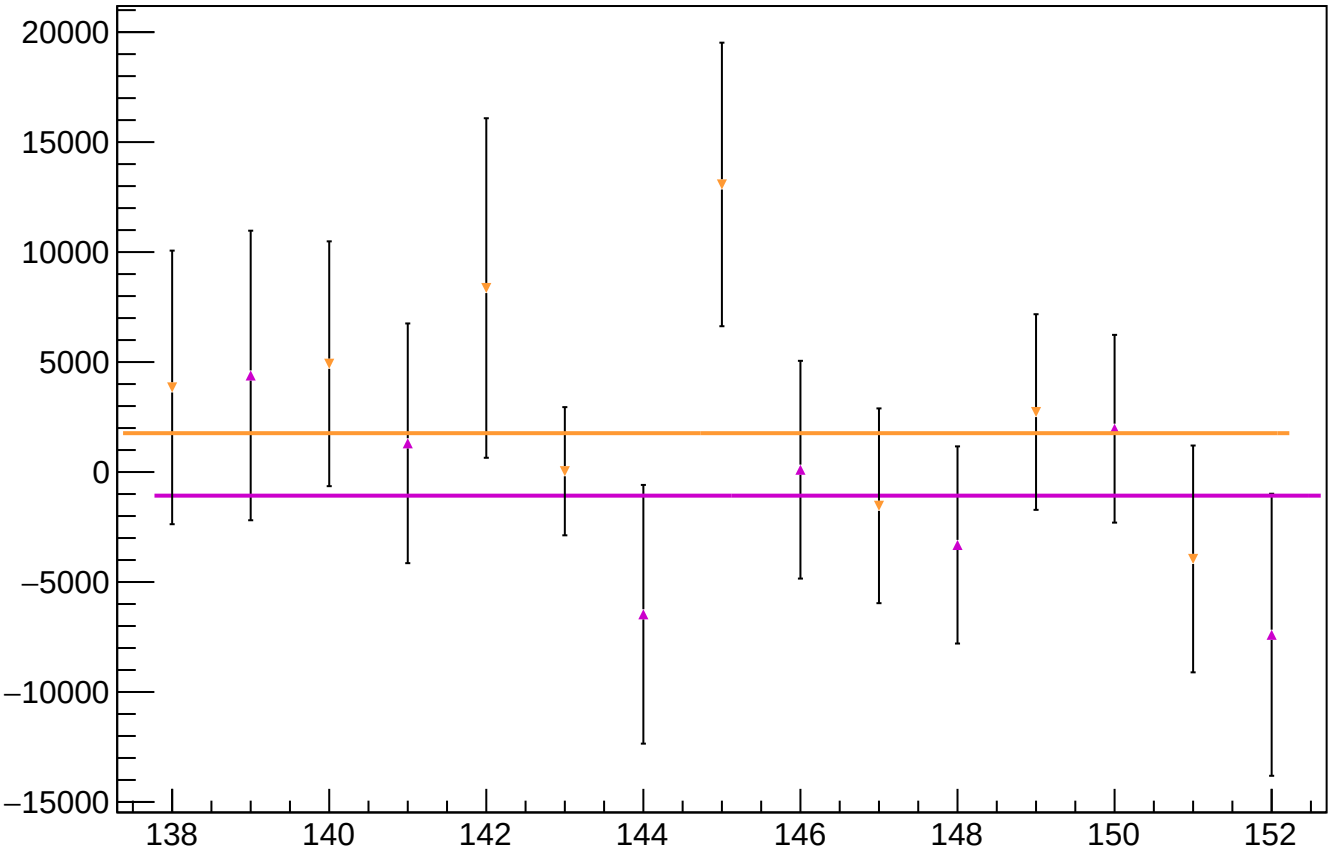
Left In: 1510.516+/-0.445 χ^2/NDF:44367.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1548.683+/-0.324 χ^2/NDF: 245819.2/14

- 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: 1766.839+/-1676.112 χ^2/NDF:6.4/7

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

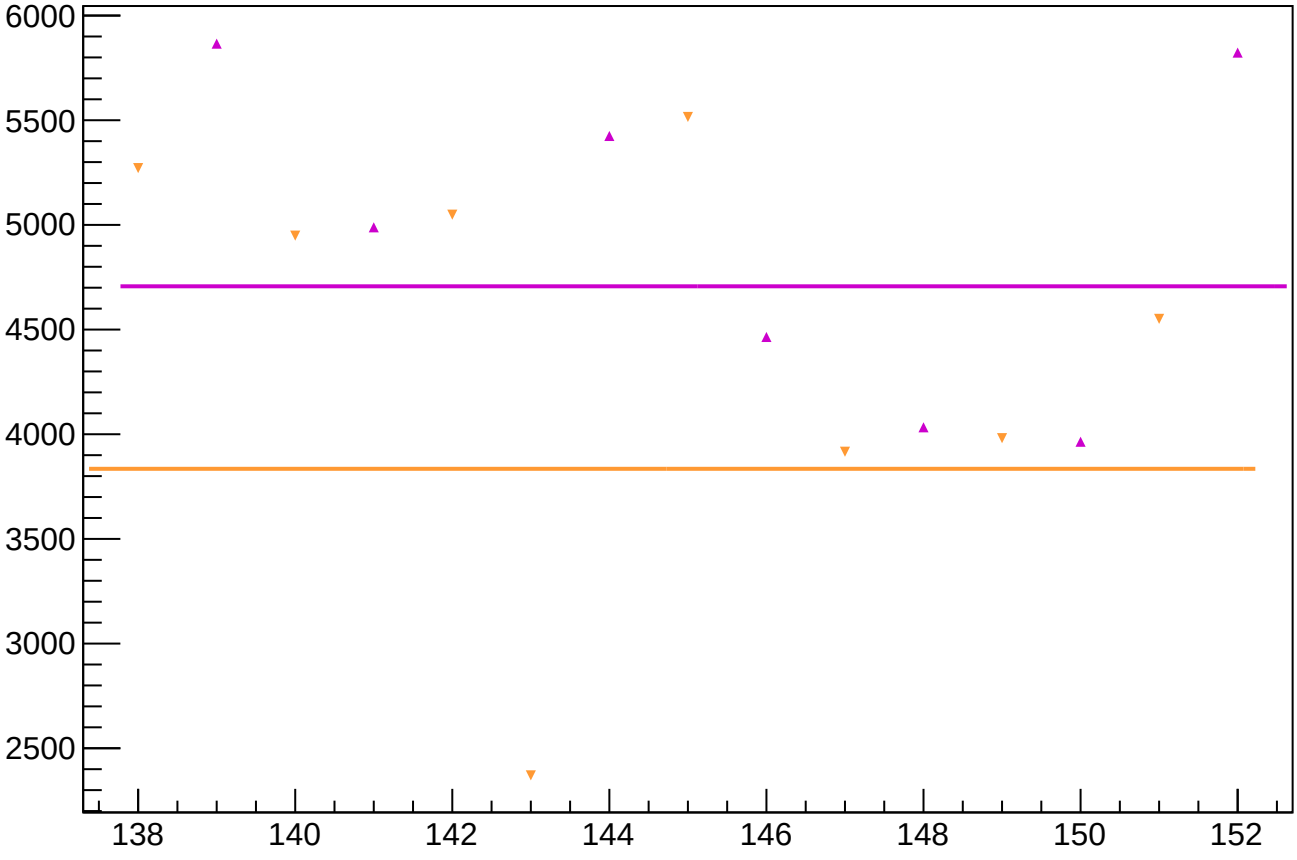
Left In: -1073.893+/-1978.369 χ^2/NDF:3.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 579.830+/-1278.849 χ^2/NDF: 11.1/14

- 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: 3834.899+/-1.185 χ^2/NDF:918810.7/7

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

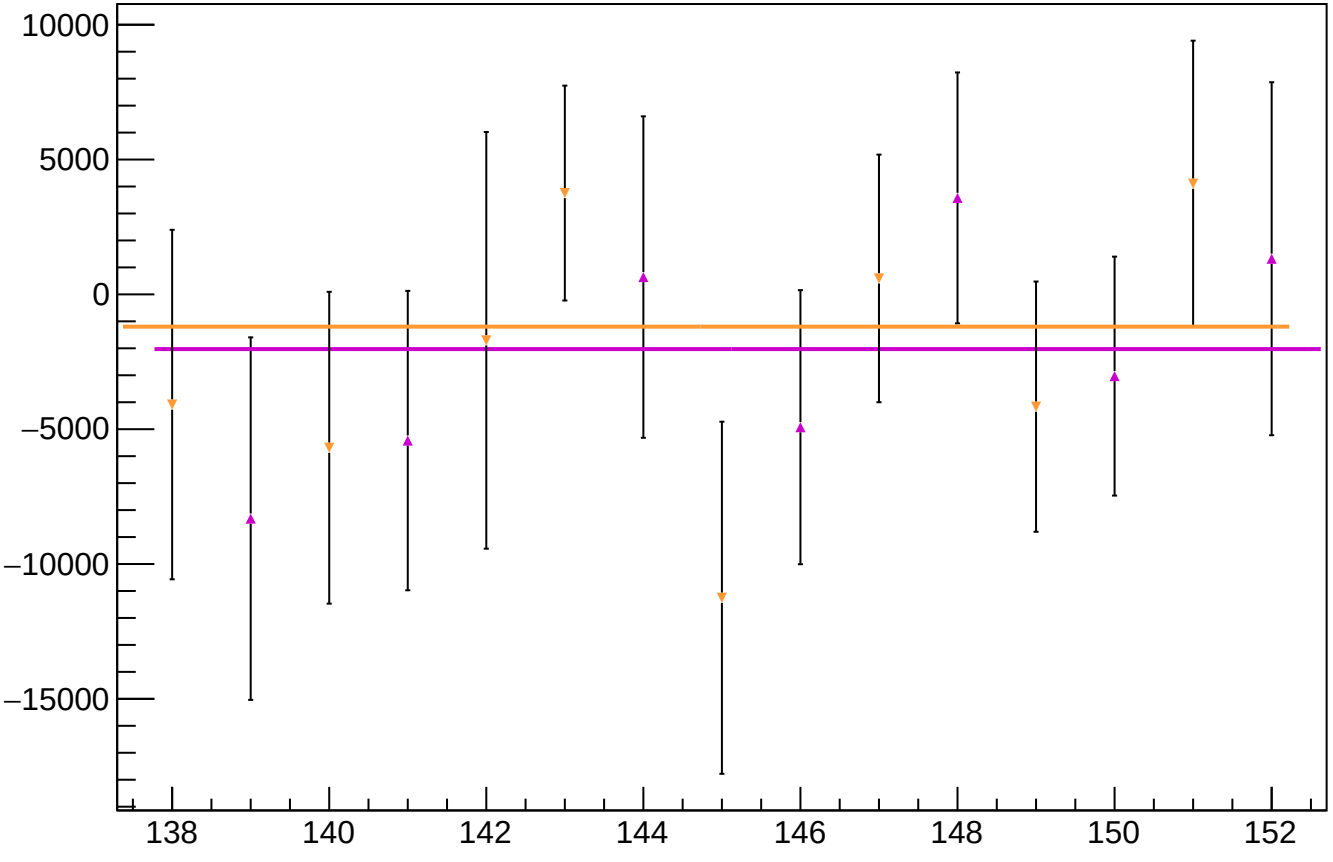
Left In: 4706.685+/-1.399 χ^2/NDF:268309.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4199.178+/-0.904 χ^2/NDF: 1413203.6/14

- 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: -1196.651+/-1868.723 χ^2/NDF:6.3/7

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

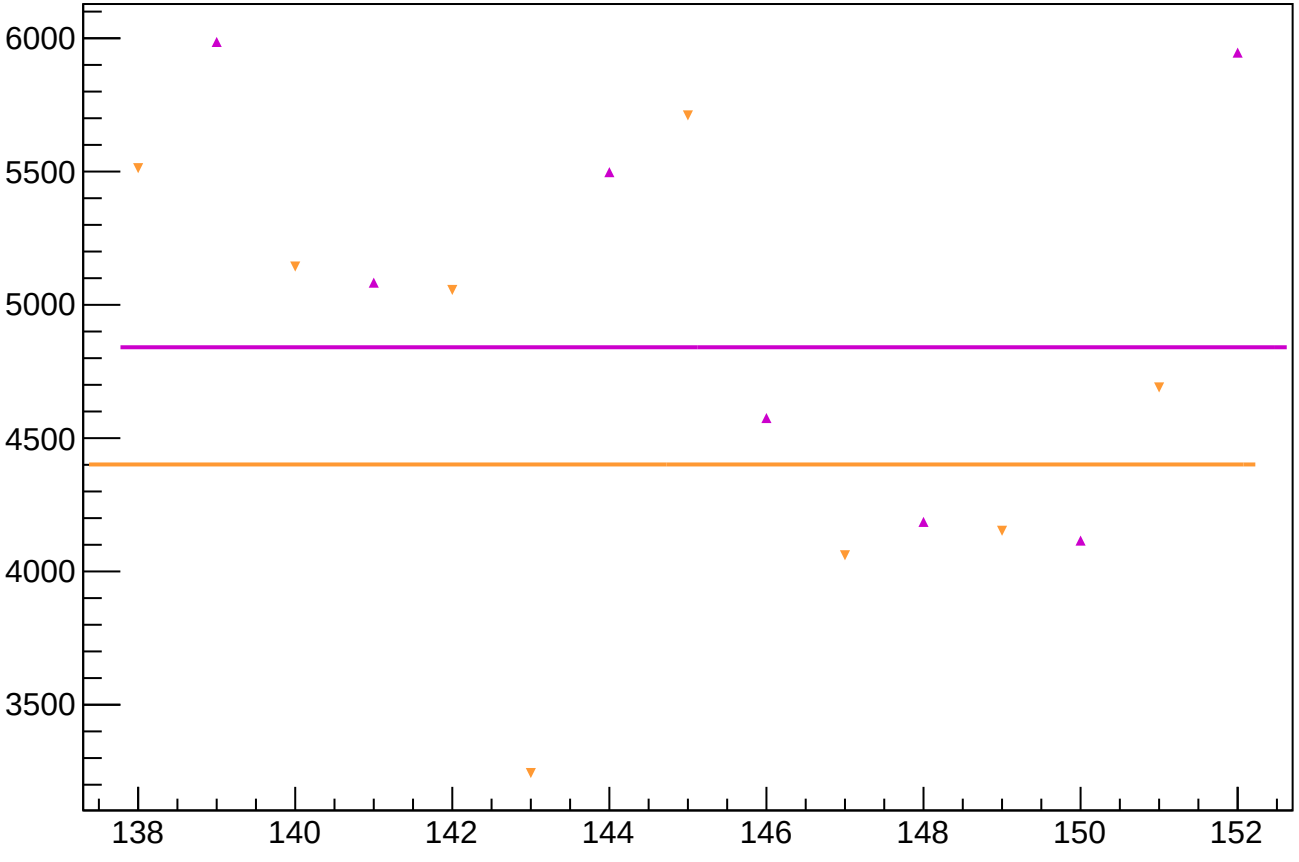
Left In: -2028.928+/-2033.161 χ^2/NDF:3.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1577.777+/-1375.853 χ^2/NDF: 9.9/14

- 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: 4401.278+/-1.321 χ^2/NDF:378057.3/7

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

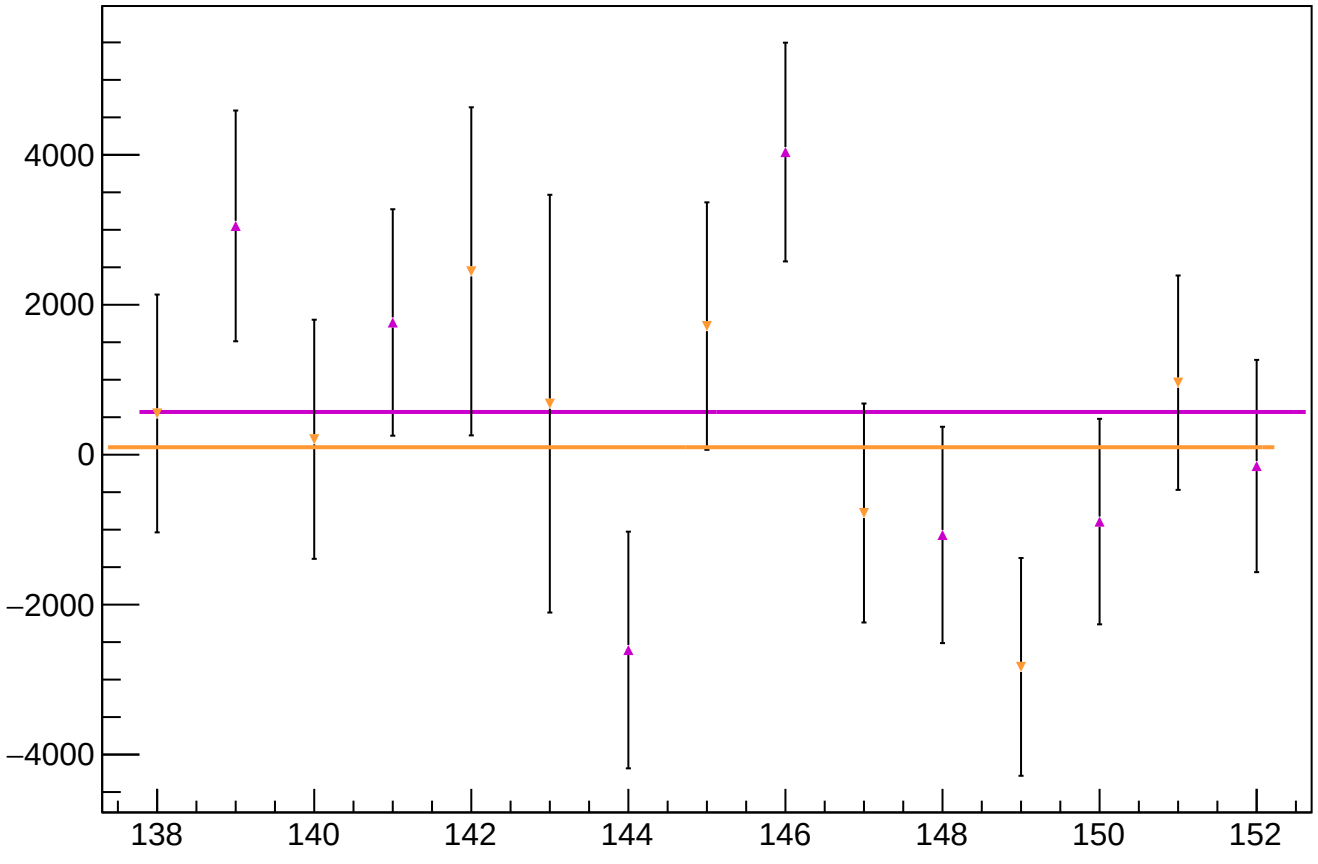
Left In: 4840.928+/-1.438 χ^2/NDF:241834.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4602.607+/-0.973 χ^2/NDF: 670585.8/14

- 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: 99.740+/-584.520 χ^2/NDF:7.0/7

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

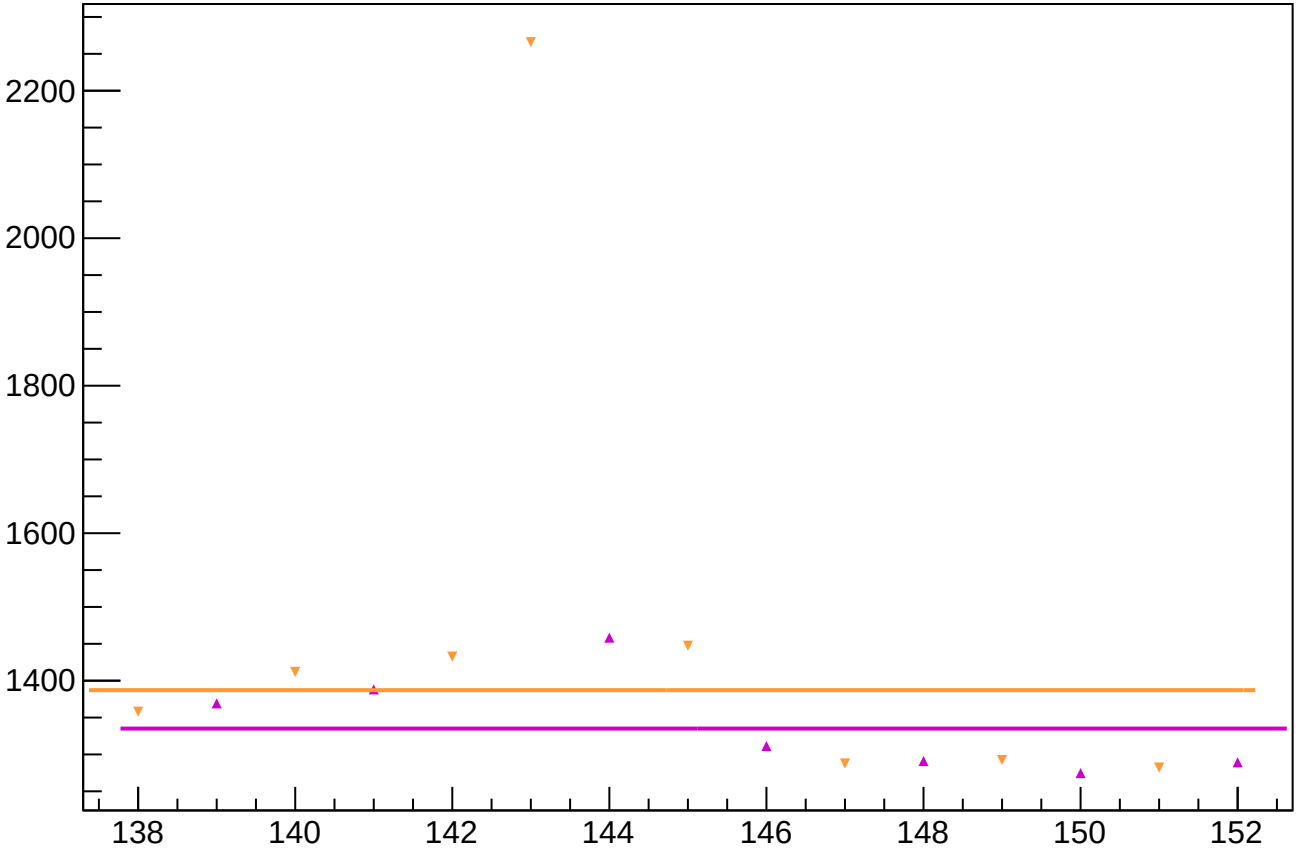
Left In: 569.989+/-555.316 χ^2/NDF:15.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 346.905+/-402.596 χ^2/NDF: 23.0/14

- 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: 1387.175+/-0.413 χ^2/NDF:232186.7/7

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

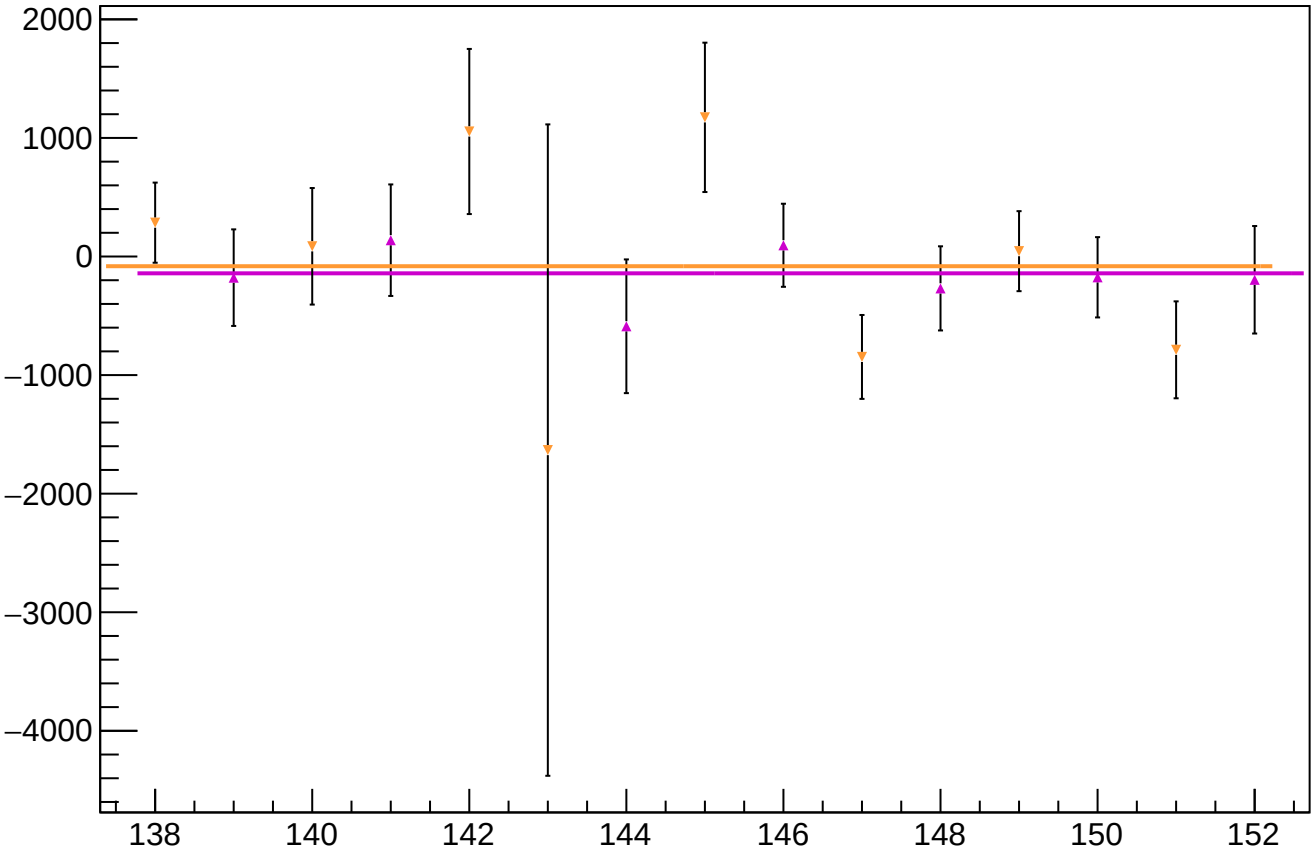
Left In: 1335.078+/-0.393 χ^2/NDF:24014.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1359.793+/-0.285 χ^2/NDF: 264552.1/14

- 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: -81.875+/-157.375 χ^2/NDF:16.0/7

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

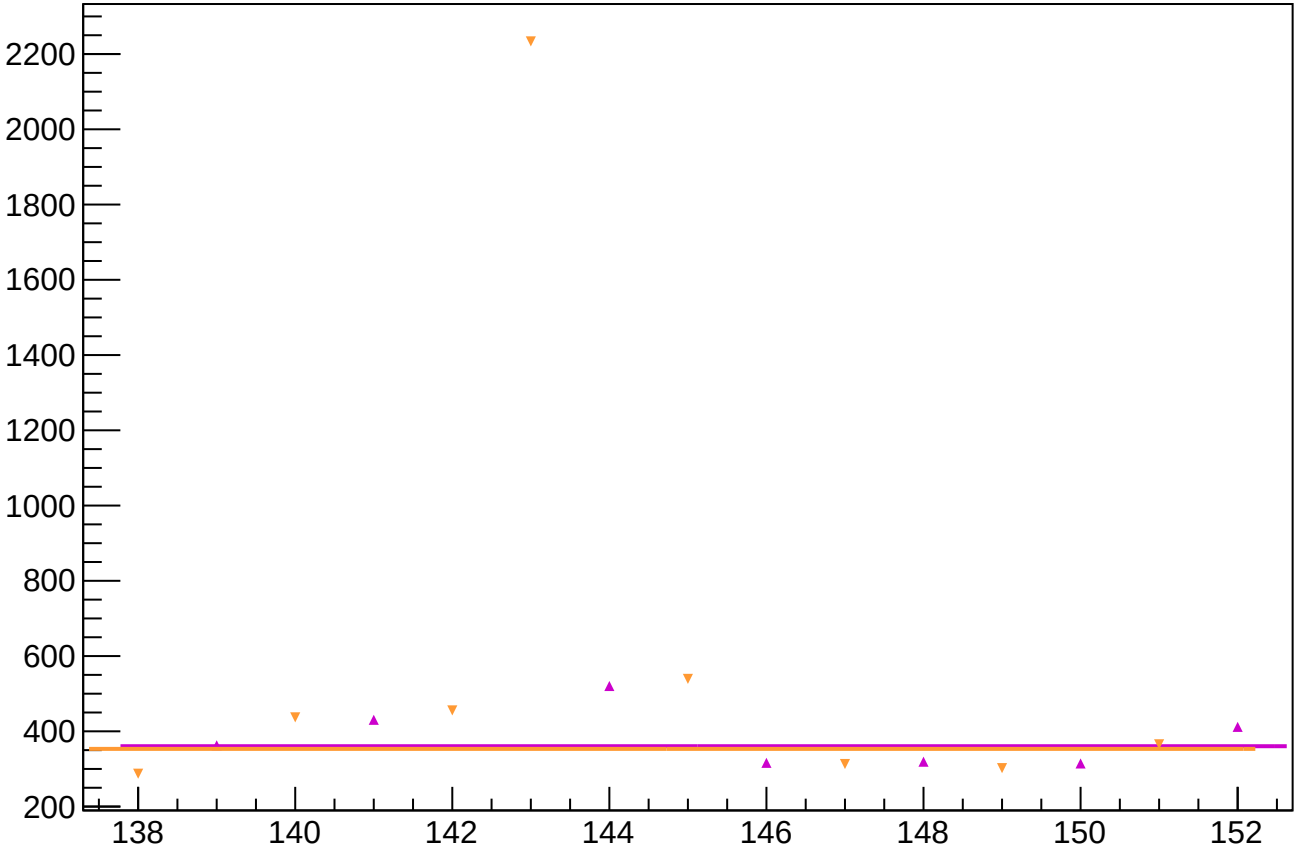
Left In: -141.780+/-151.830 χ^2/NDF:1.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -112.901+/-109.268 χ^2/NDF: 17.7/14

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

Left Out: 353.316+/-0.111 χ^2/NDF:1362878.2/7

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

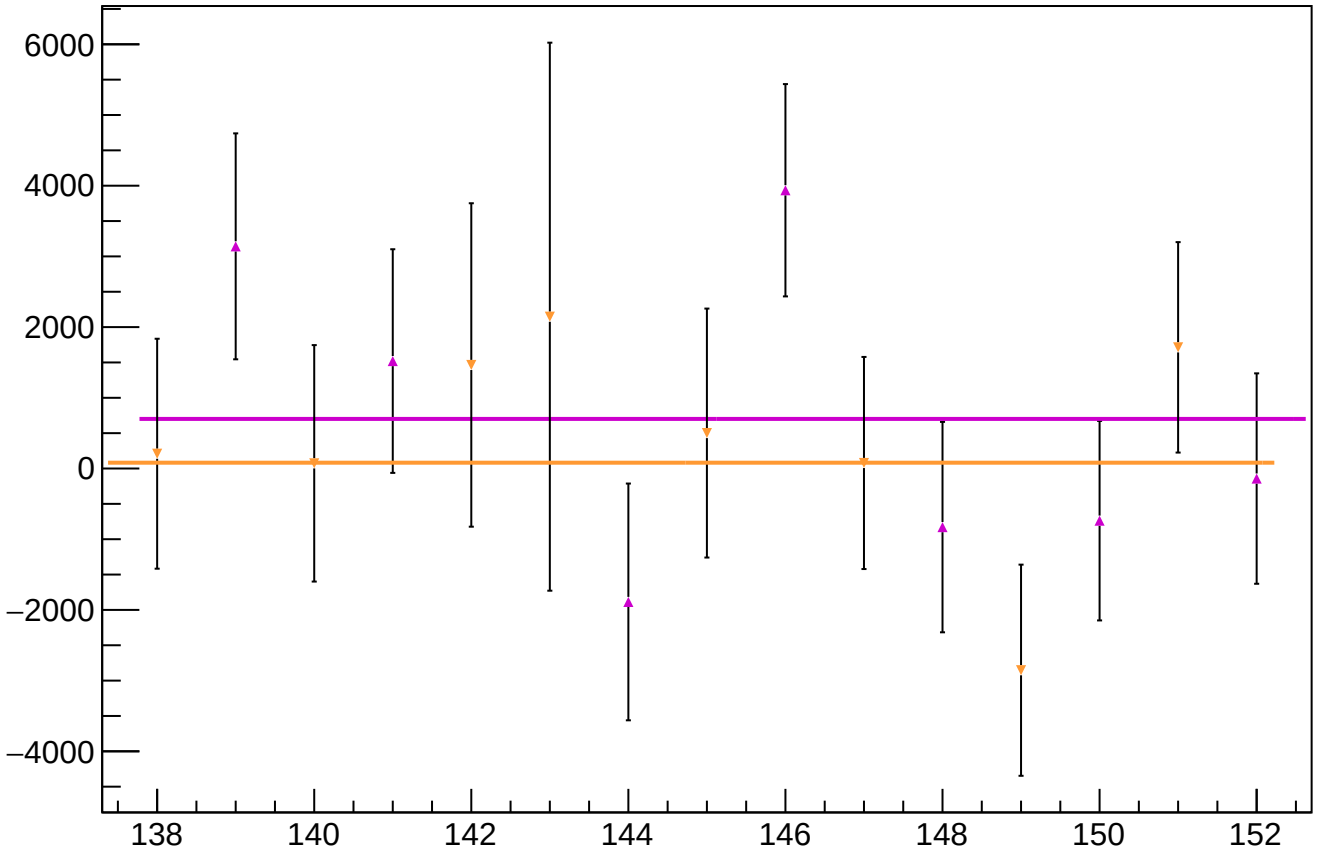
Left In: 360.417+/-0.107 χ^2/NDF:326858.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 356.993+/-0.077 χ^2/NDF: 1691845.5/14

- 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: 82.243+/-613.093 χ^2/NDF:5.8/7

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

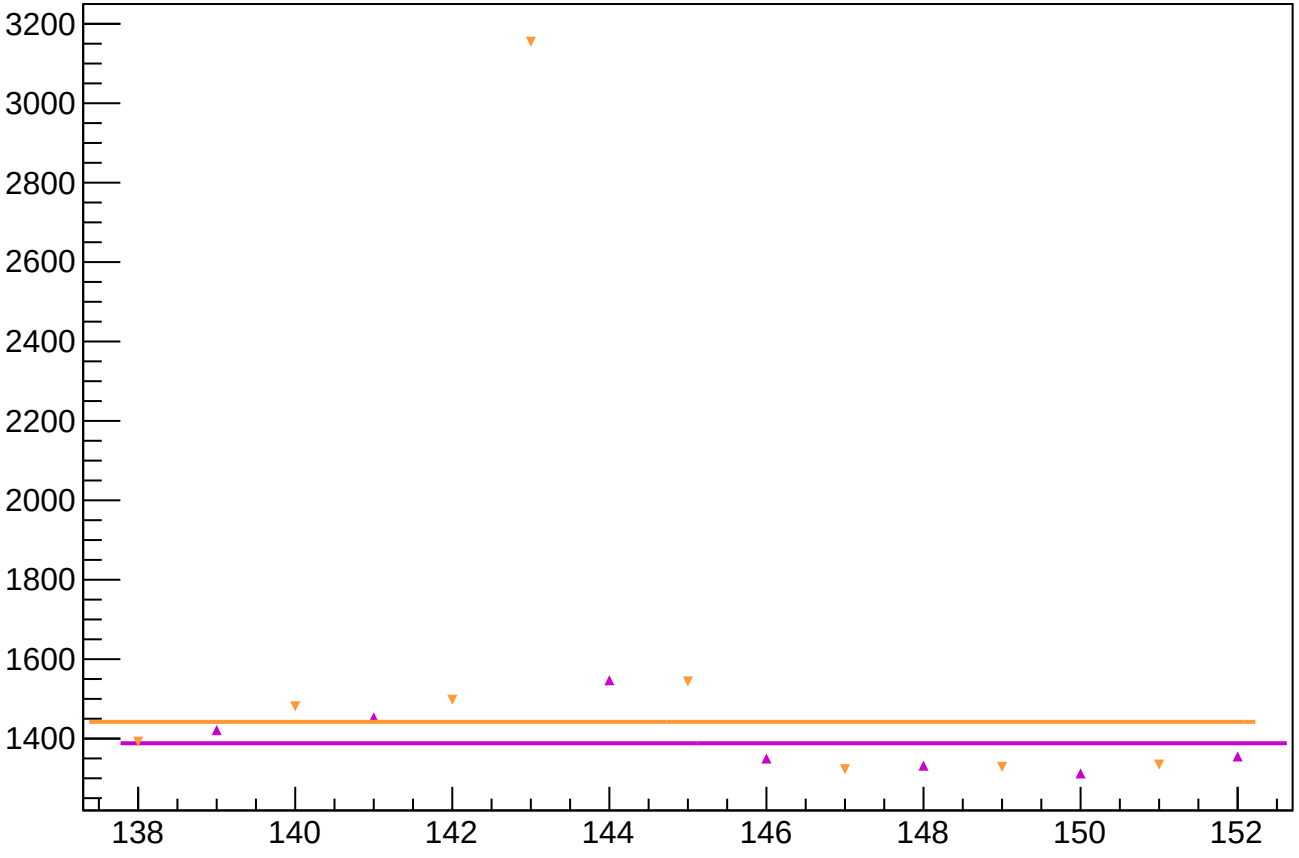
Left In: 701.424+/-577.636 χ^2/NDF:12.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 410.255+/-420.426 χ^2/NDF: 18.4/14

- 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: 1442.115+/-0.434 χ^2/NDF:436075.6/7

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

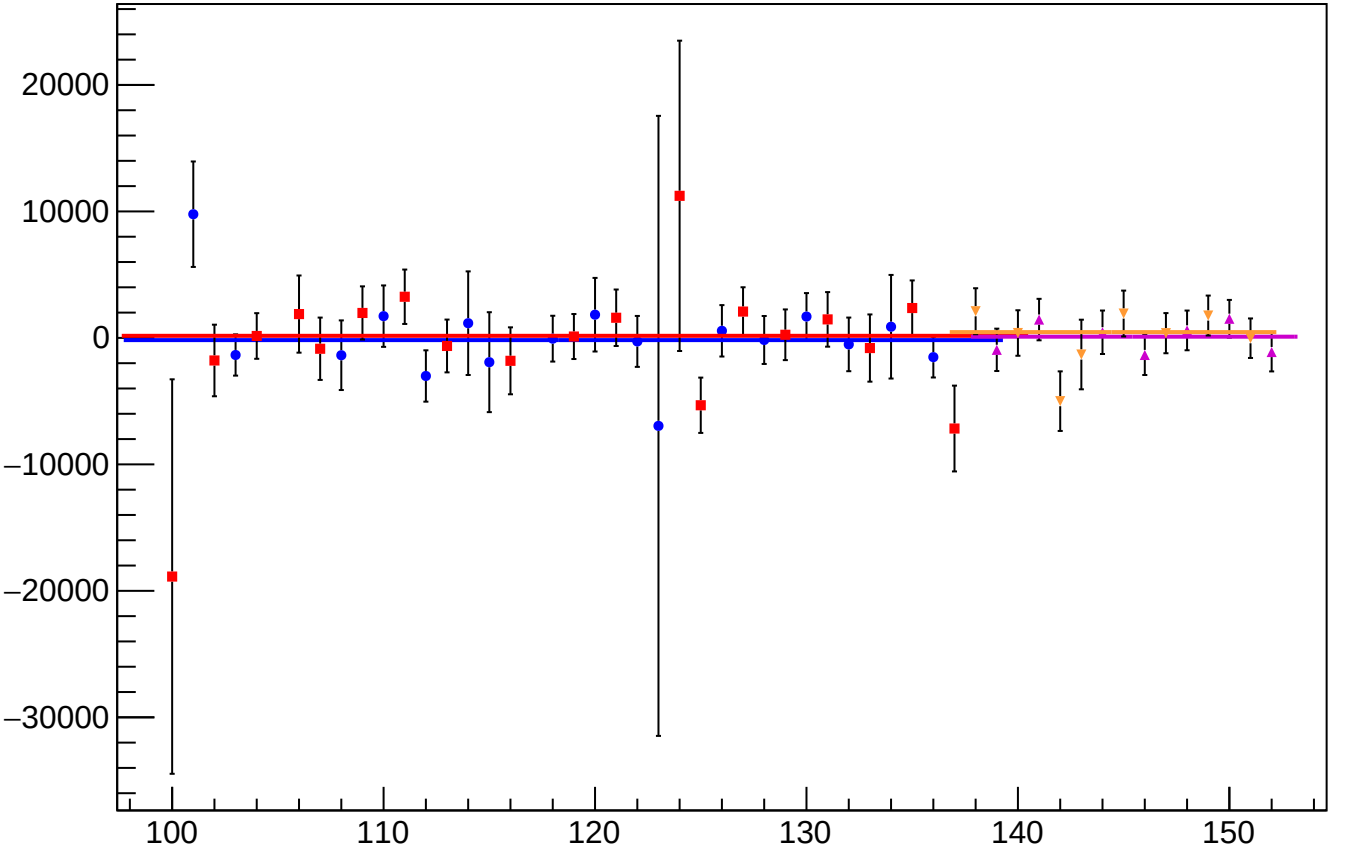
Left In: 1388.269+/-0.408 χ^2/NDF:33197.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1413.590+/-0.297 χ^2/NDF: 477445.8/14

- 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: 458.935+/-640.711 χ^2/NDF:8.1/7

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

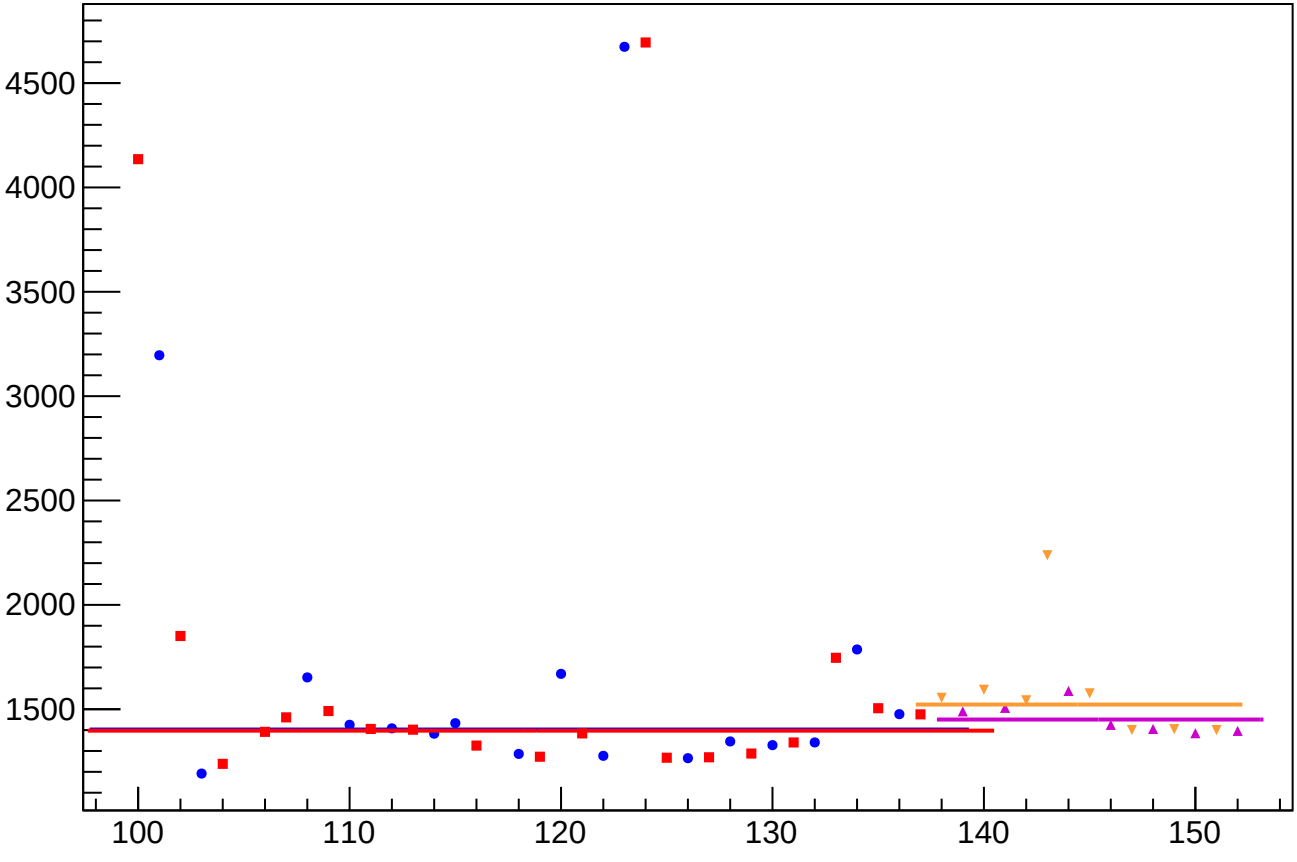
Left In: 95.980+/-603.302 χ^2/NDF:3.6/6

+ sign 96.658+/-419.352 χ^2/NDF: 20.4/24

All: 116.233+/-290.349 χ^2/NDF: 44.6/50

- sign 134.259+/-402.405 χ^2/NDF: 24.2/25

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1522.537+/-0.453 χ^2/NDF:176022.3/7

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

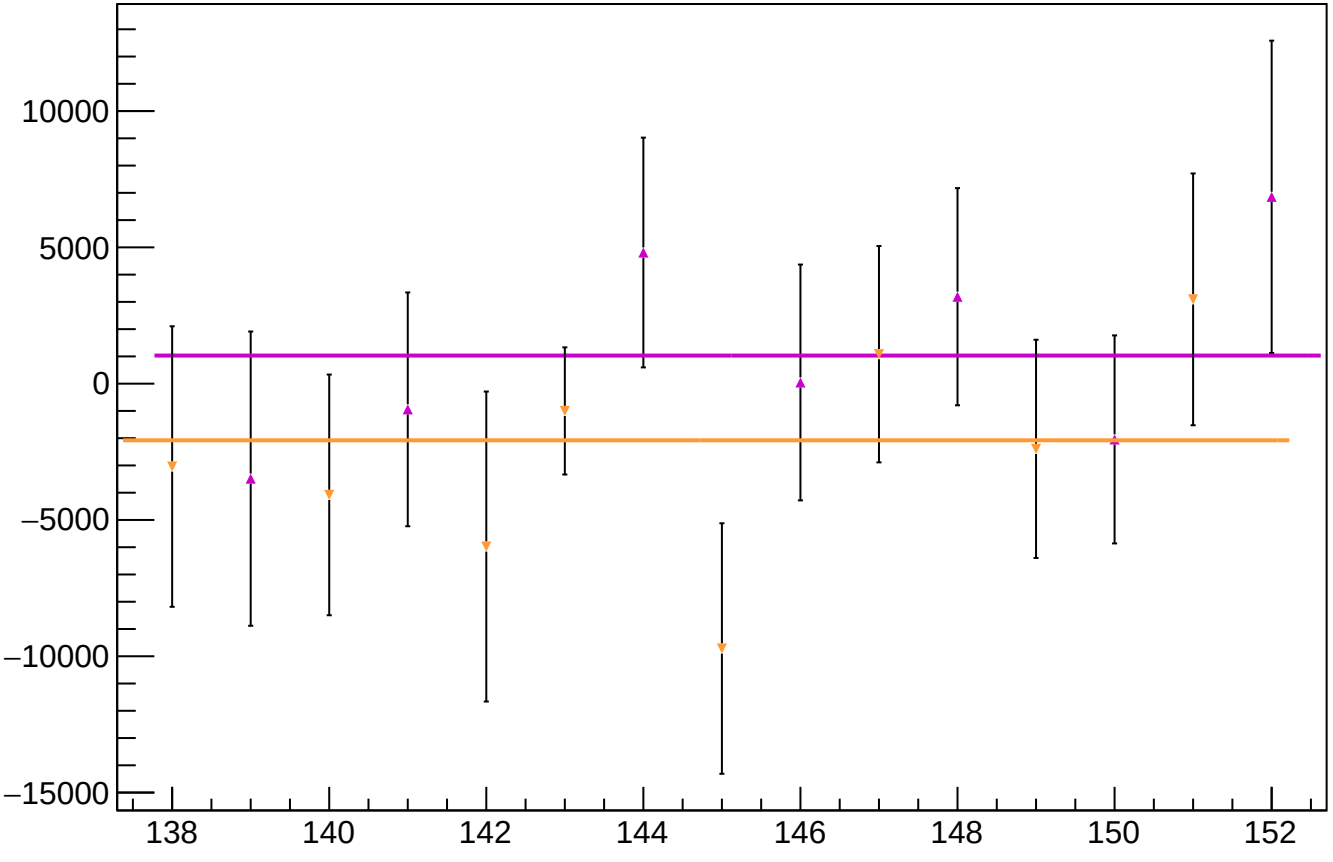
Left In: 1450.660+/-0.427 χ^2/NDF:24648.7/6

+ sign 1454.041+/-0.297 χ^2/NDF: 742336.7/24

All: 1436.888+/-0.205 χ^2/NDF: 1135419.4/50

- sign 1421.103+/-0.284 χ^2/NDF: 386657.2/25

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -2077.606+/-1381.429 χ^2/NDF:5.6/7

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

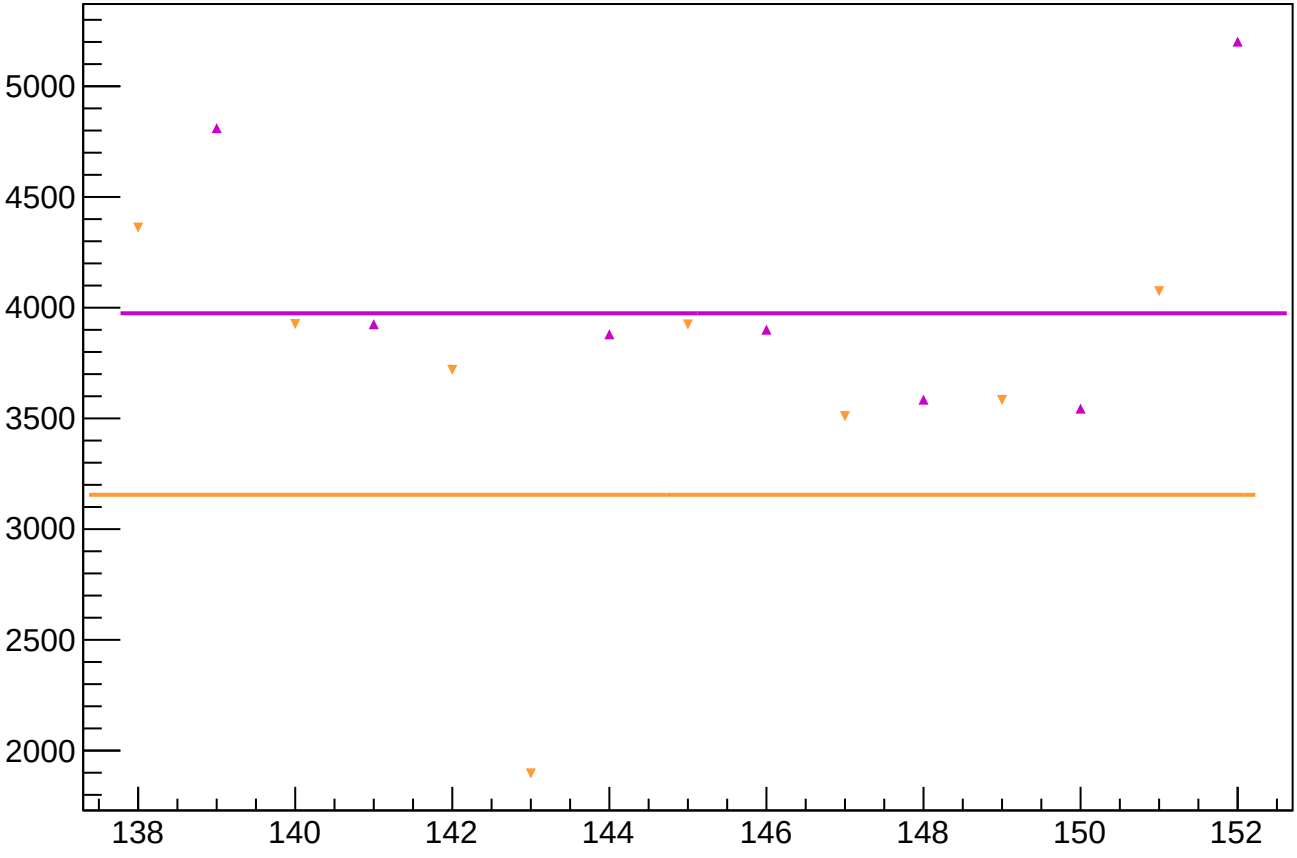
Left In: 1030.919+/-1665.237 χ^2/NDF:3.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -810.423+/-1063.209 χ^2/NDF: 11.4/14

- 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: 3155.087+/-0.977 χ^2/NDF:946770.1/7

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

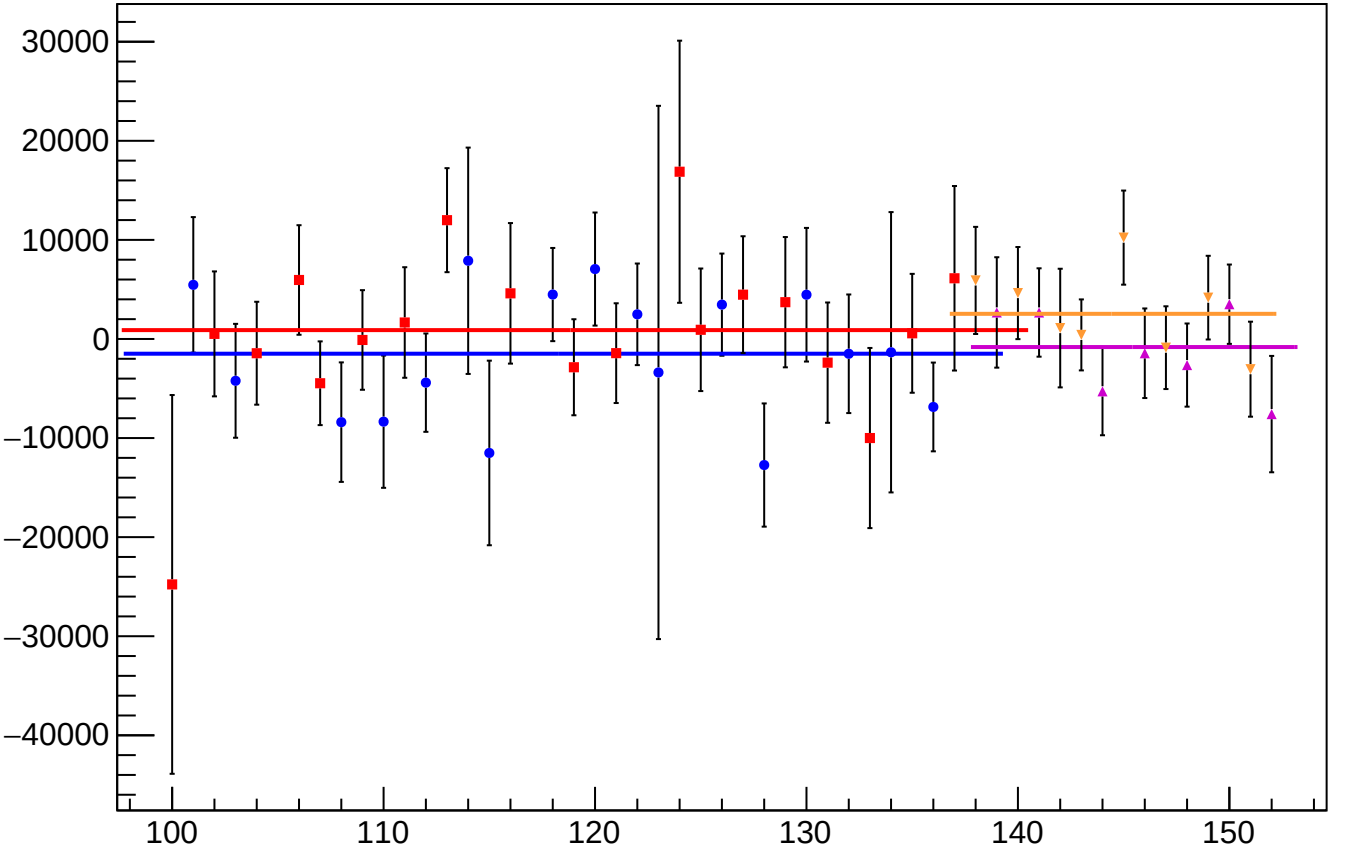
Left In: 3974.777+/-1.178 χ^2/NDF:186190.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3489.232+/-0.752 χ^2/NDF: 1420010.5/14

- 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: 2538.205+/-1606.308 χ^2/NDF:5.8/7

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

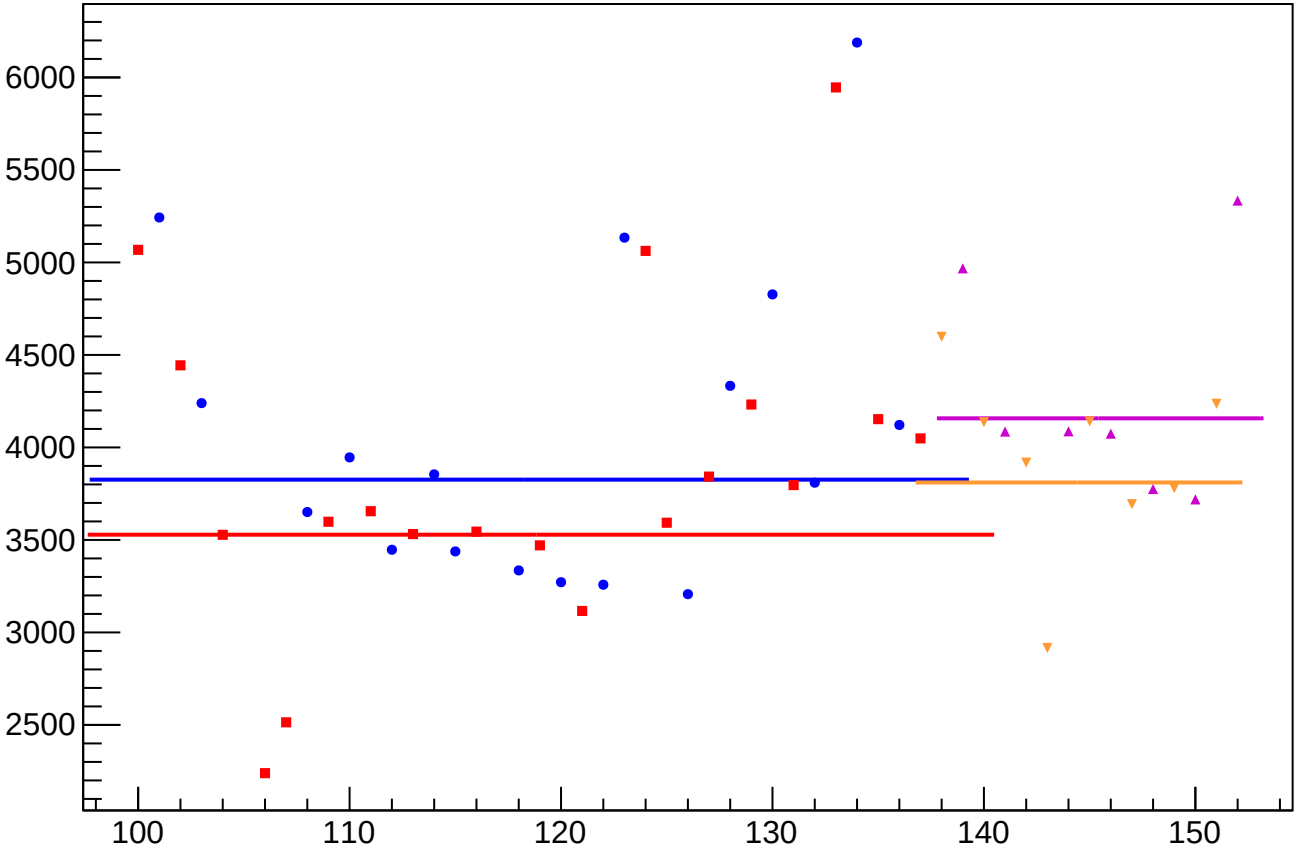
Left In: -814.520+/-1739.508 χ^2/NDF:4.7/6

+ sign 386.807+/-1095.972 χ^2/NDF: 25.8/24

All: 309.727+/-769.471 χ^2/NDF: 45.3/50

- sign 234.796+/-1080.584 χ^2/NDF: 19.4/25

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 3810.543+/-1.136 χ^2/NDF:204688.1/7

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

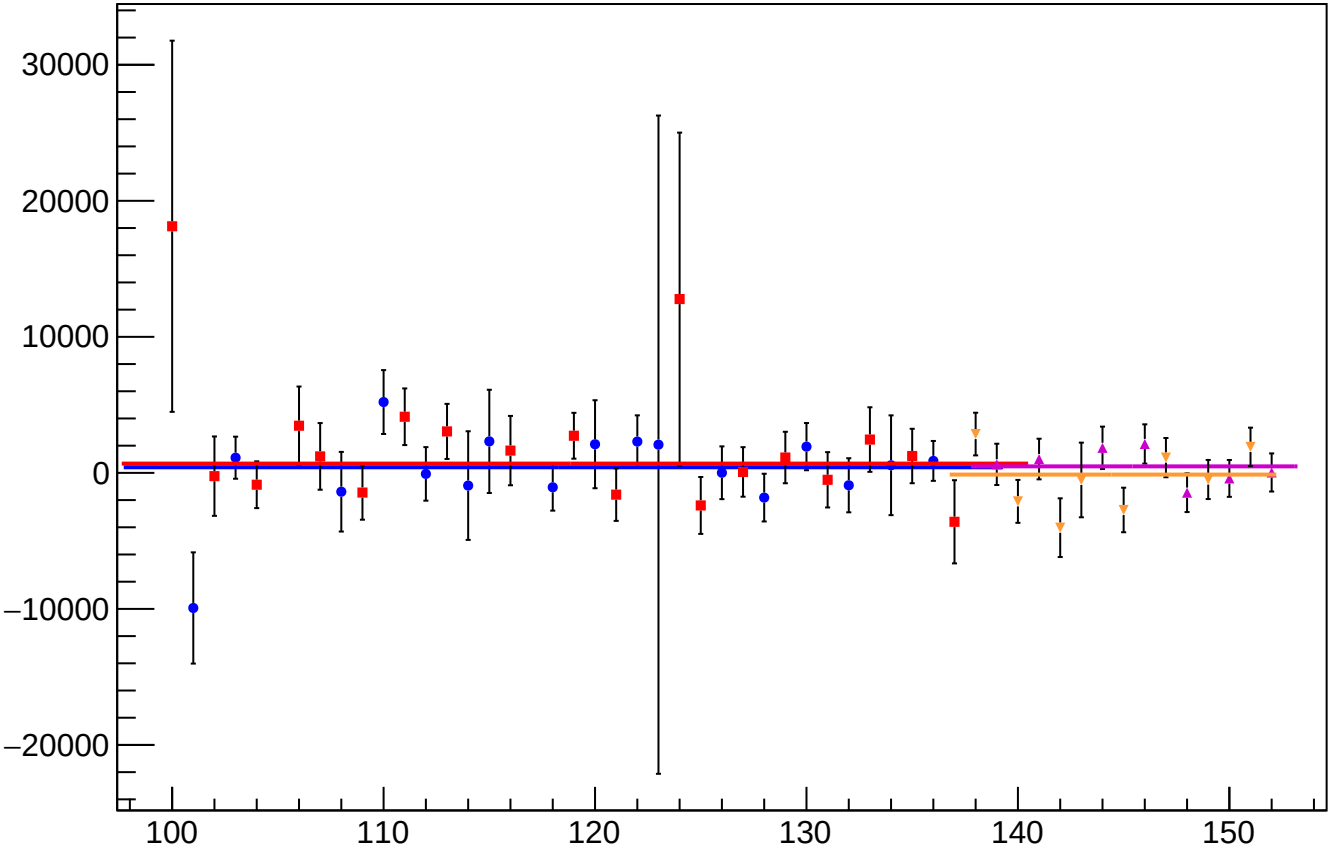
Left In: 4157.277+/-1.230 χ^2/NDF:164892.4/6

+ sign 3818.721+/-0.775 χ^2/NDF: 539189.4/24

All: 3793.009+/-0.543 χ^2/NDF: 1423369.9/50

- sign 3768.293+/-0.760 χ^2/NDF: 882021.6/25

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -125.242+/-578.027 χ^2/NDF:13.9/7

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

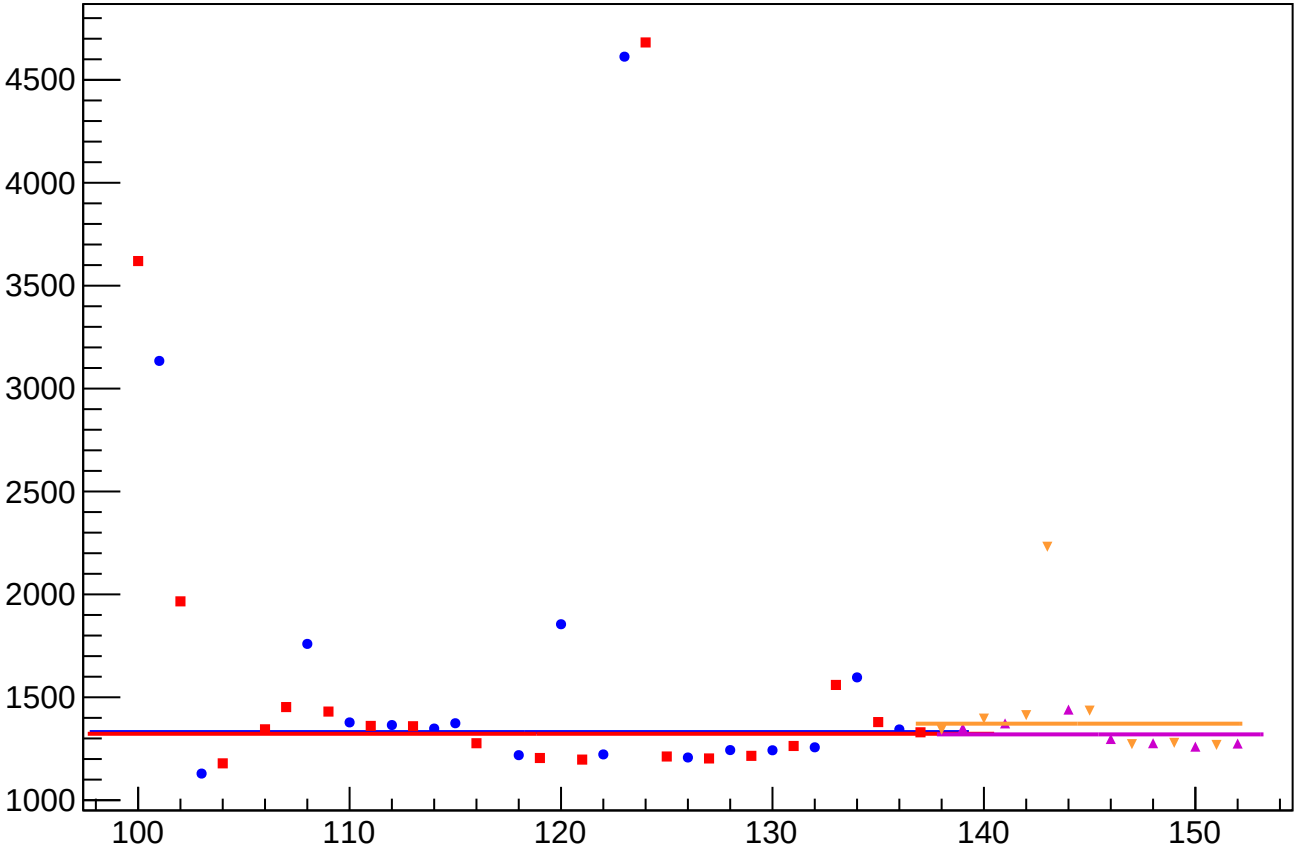
Left In: 477.655+/-548.944 χ^2/NDF:4.6/6

+ sign 167.323+/-389.833 χ^2/NDF: 30.9/24

All: 386.221+/-269.773 χ^2/NDF: 54.1/50

- sign 587.388+/-373.711 χ^2/NDF: 22.7/25

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1371.792+/-0.409 χ^2/NDF:229796.4/7

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

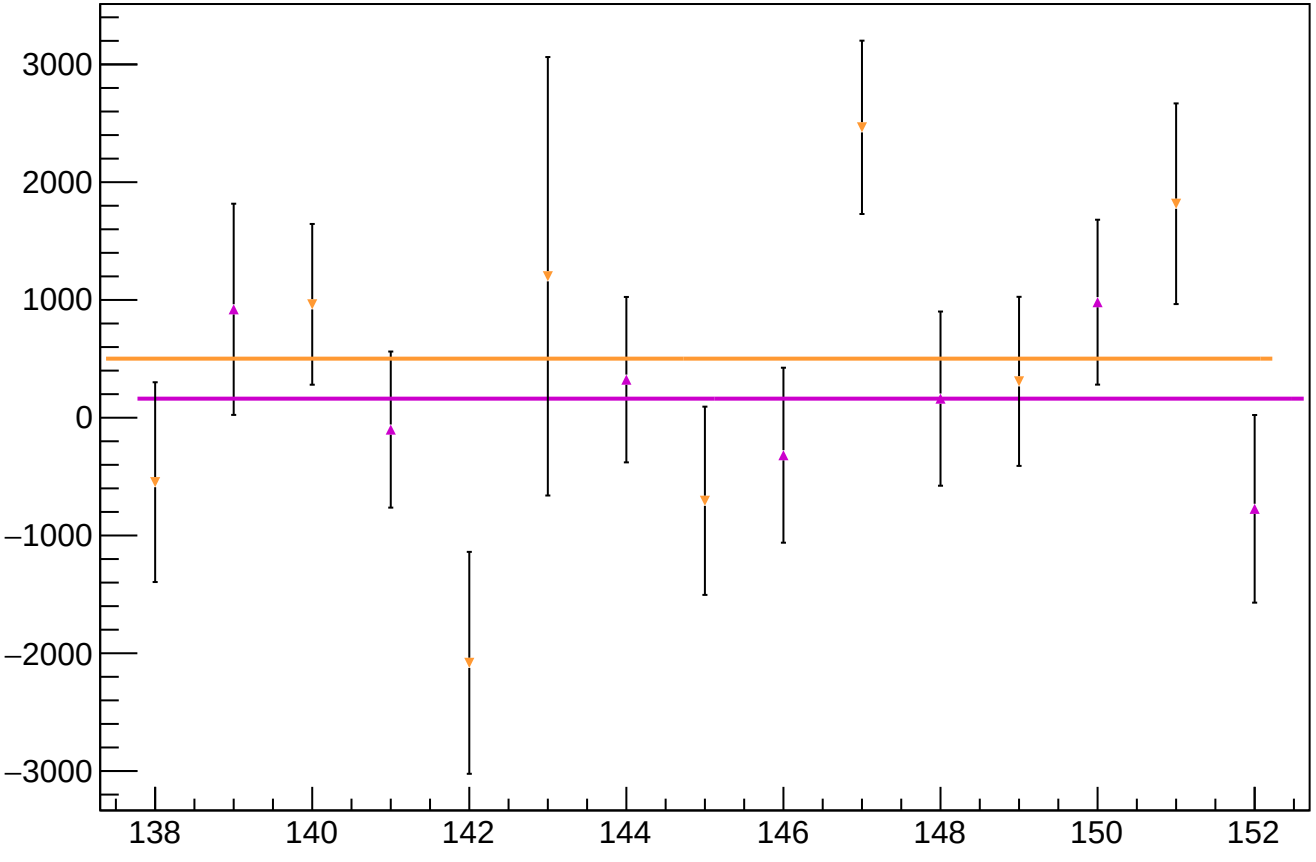
Left In: 1319.788+/-0.388 χ^2/NDF:23492.4/6

+ sign 1349.494+/-0.276 χ^2/NDF: 838730.5/24

All: 1334.830+/-0.191 χ^2/NDF: 1262097.6/50

- sign 1321.353+/-0.264 χ^2/NDF: 417936.4/25

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 501.631+/-292.572 χ^2/NDF:21.5/7

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

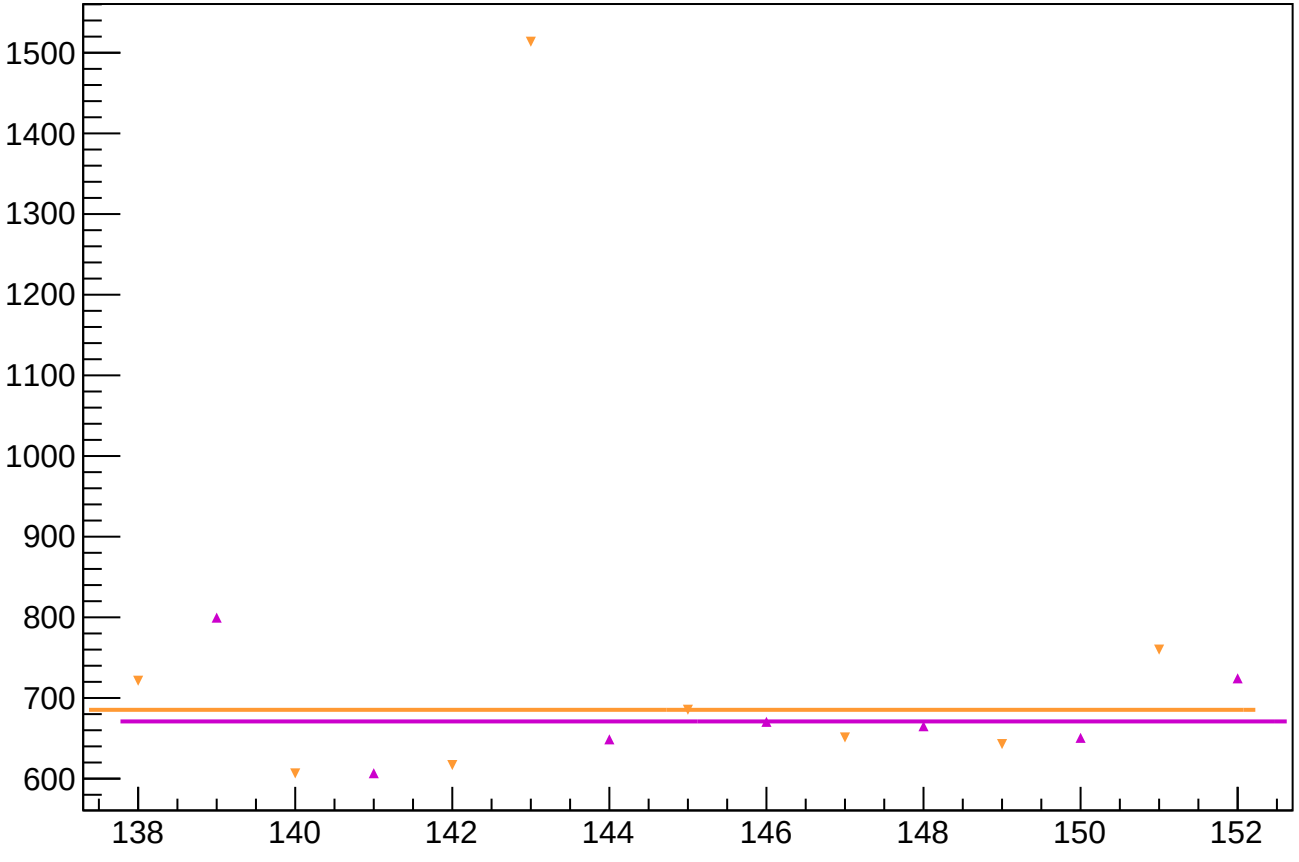
Left In: 161.918+/-279.462 χ^2/NDF:4.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 323.992+/-202.085 χ^2/NDF: 26.3/14

- 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: 685.327+/-0.207 χ^2/NDF:463533.3/7

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

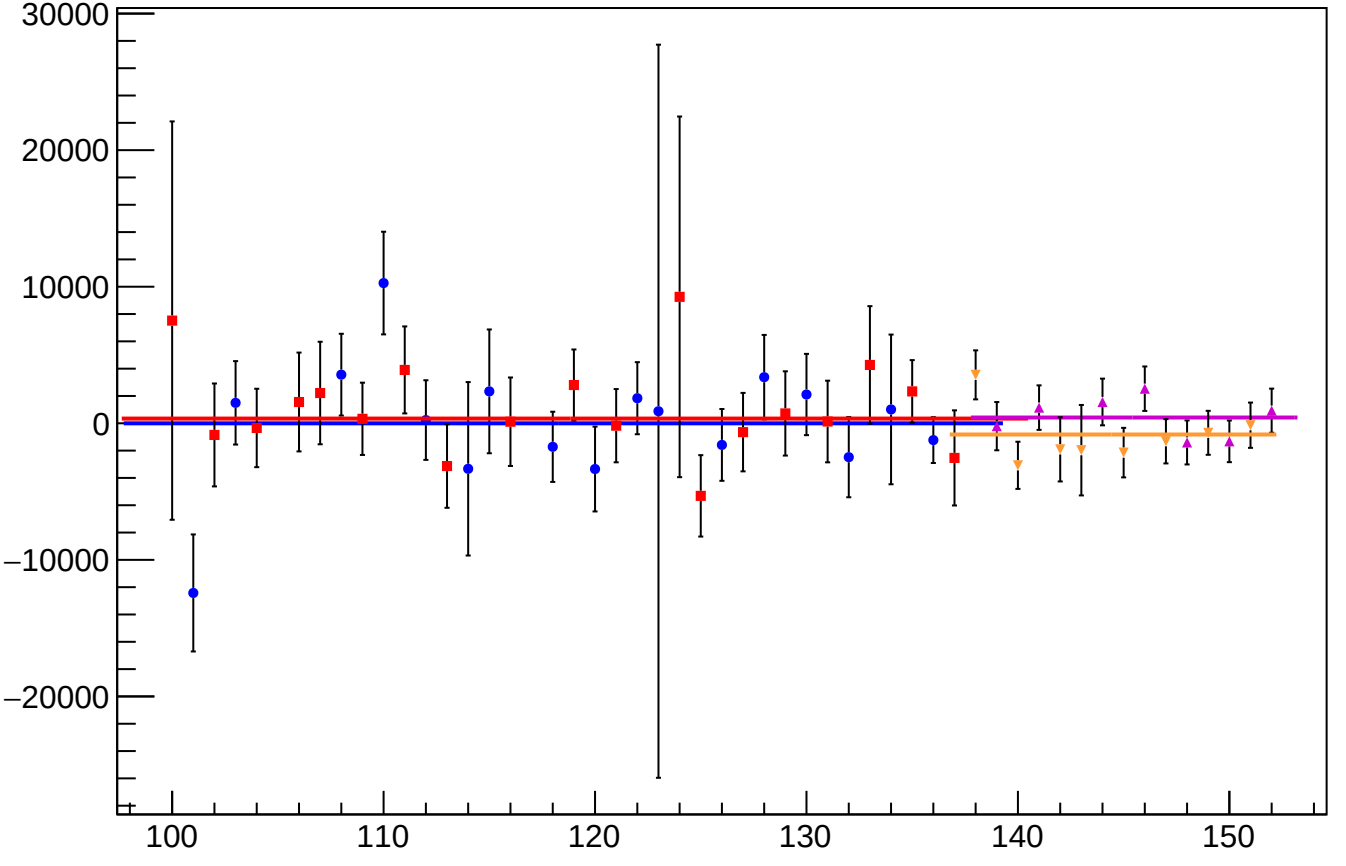
Left In: 670.933+/-0.198 χ^2/NDF:72788.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 677.800+/-0.143 χ^2/NDF: 538852.5/14

- 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: -820.725+/-651.976 χ^2/NDF:8.8/7

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

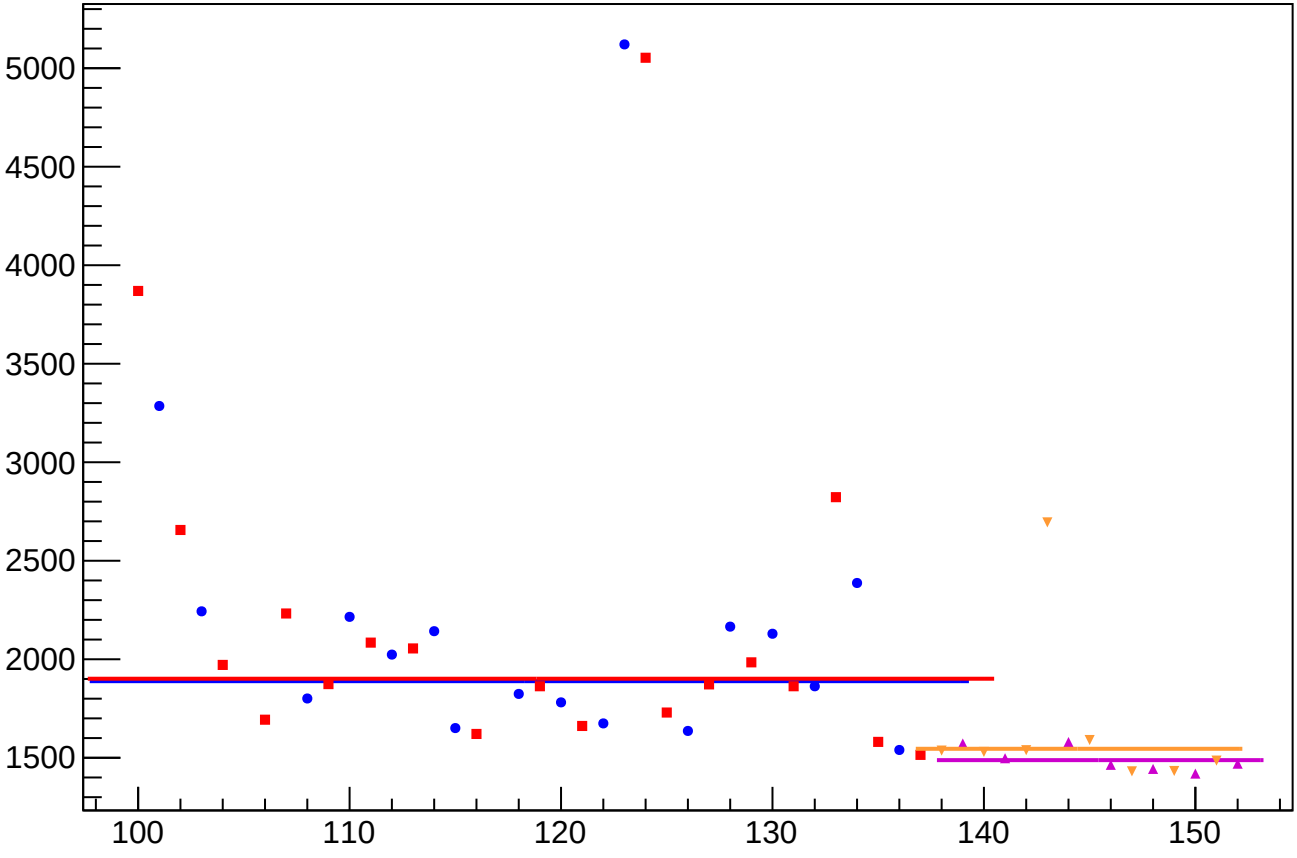
Left In: 422.168+/-618.538 χ^2/NDF:5.1/6

+ sign -465.762+/-490.646 χ^2/NDF: 33.0/24

All: -22.050+/-340.497 χ^2/NDF: 50.4/50

- sign 390.171+/-472.915 χ^2/NDF: 15.8/25

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1545.660+/-0.461 χ^2/NDF:264702.4/7

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

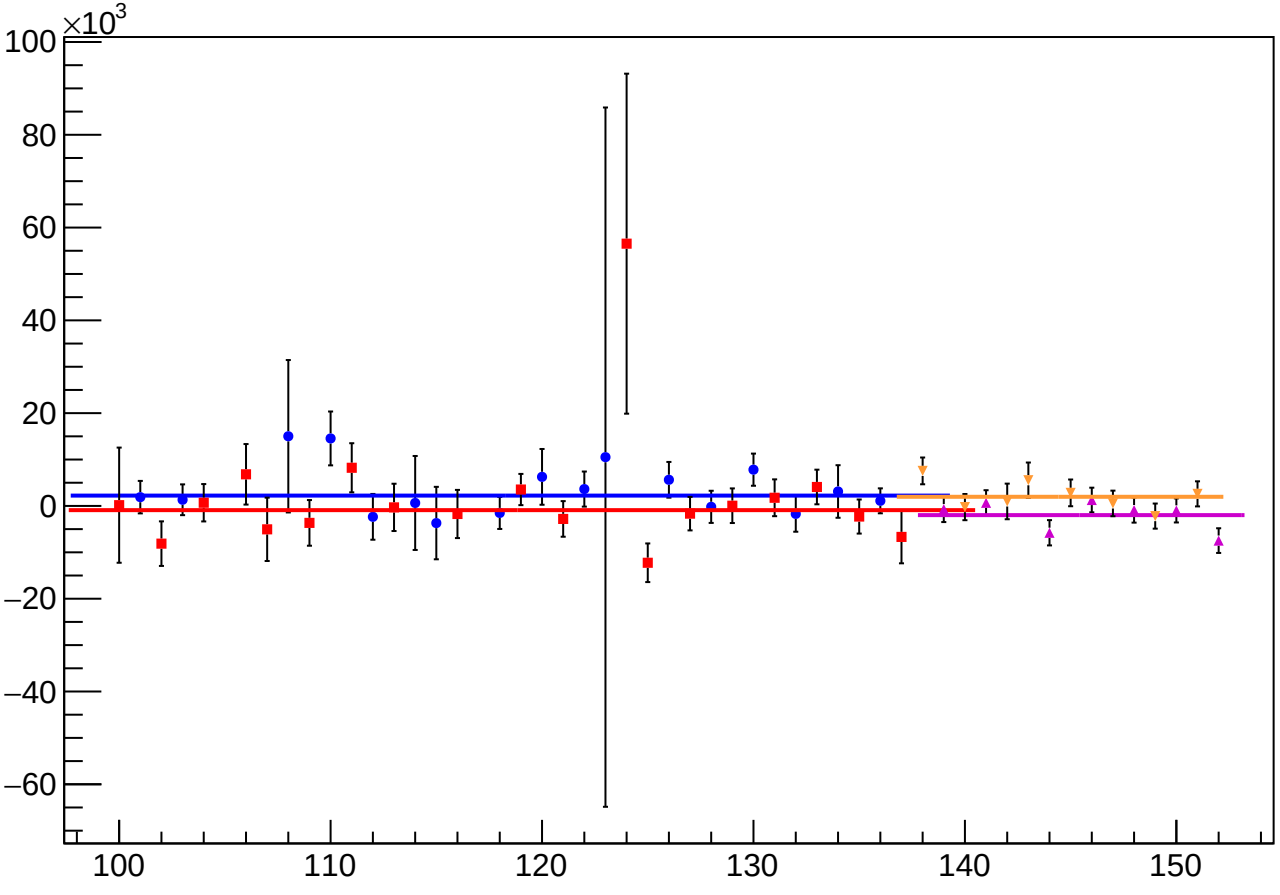
Left In: 1488.047+/-0.437 χ^2/NDF:16638.8/6

+ sign 1694.473+/-0.347 χ^2/NDF: 970810.5/24

All: 1676.451+/-0.241 χ^2/NDF: 1824870.3/50

- sign 1659.708+/-0.334 χ^2/NDF: 848854.4/25

dit_asym_atl1_mean vs Slug



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

Left Out: 1970.855+/-1049.500 χ^2/NDF:8.1/7

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

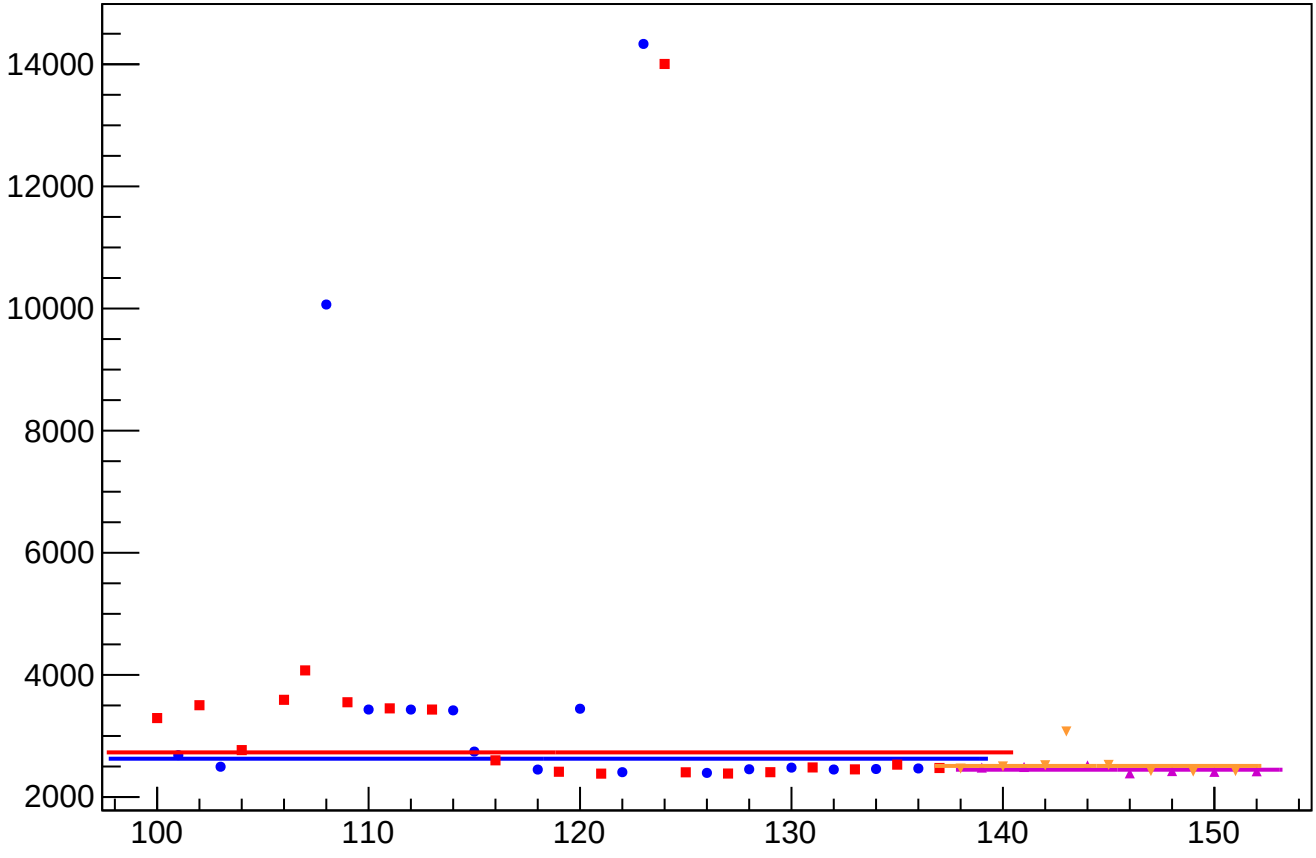
Left In: -1980.855+/-1016.992 χ^2/NDF:9.2/6

+ sign 2100.441+/-738.471 χ^2/NDF: 21.7/24

All: 298.422+/-518.962 χ^2/NDF: 66.1/50

- sign -1459.881+/-729.459 χ^2/NDF: 32.6/25

dit_asym_atl1_rms vs Slug



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

Left Out: 2509.623+/-0.742 χ^2/NDF:50485.7/7

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

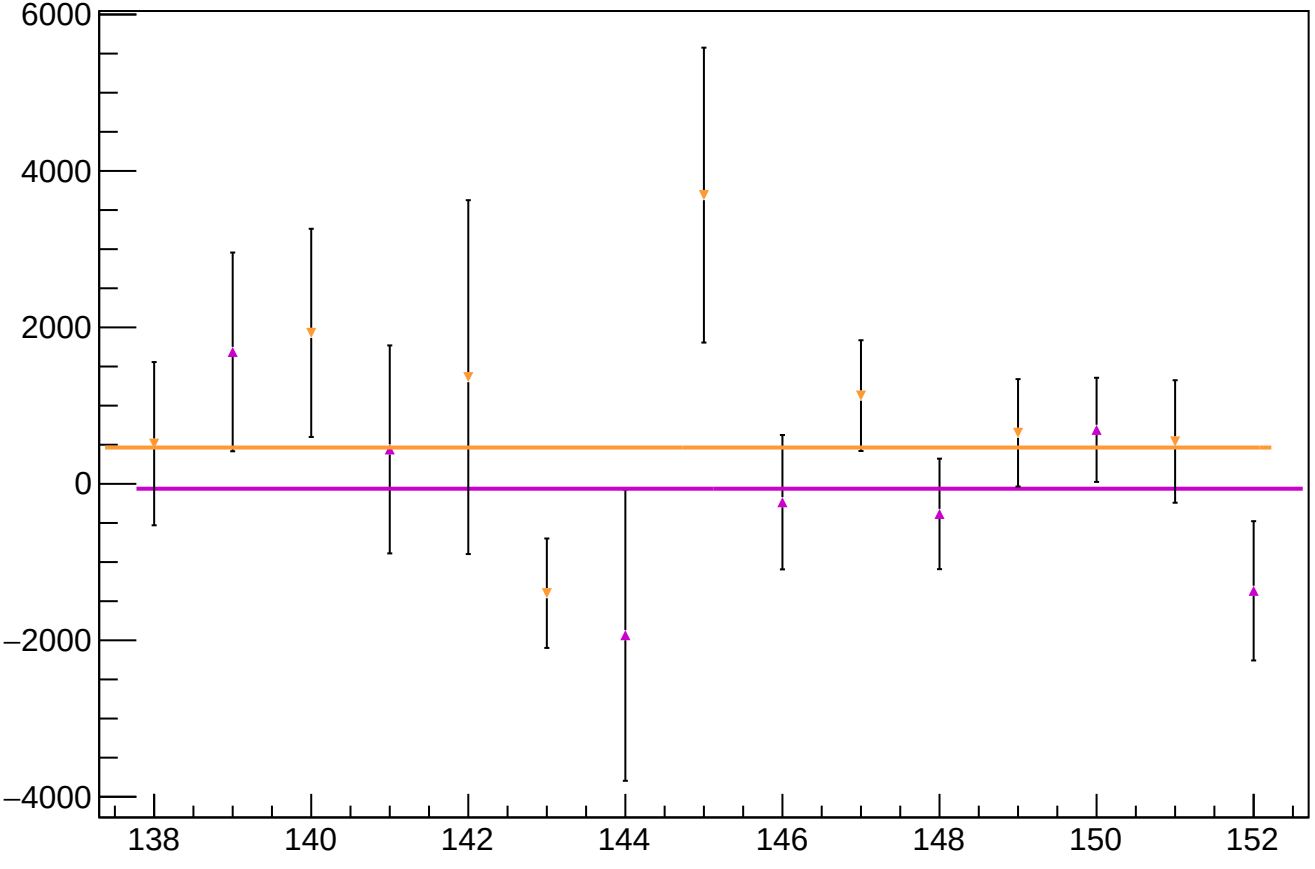
Left In: 2447.491+/-0.719 χ^2/NDF:3886.6/6

+ sign 2569.173+/-0.522 χ^2/NDF: 707636.1/24

All: 2577.322+/-0.367 χ^2/NDF: 1385819.1/50

- sign 2585.273+/-0.516 χ^2/NDF: 677701.9/25

asym_atl1_correction_mean vs Slug



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

Left Out: 464.314+/-320.226 χ^2/NDF:12.4/7

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

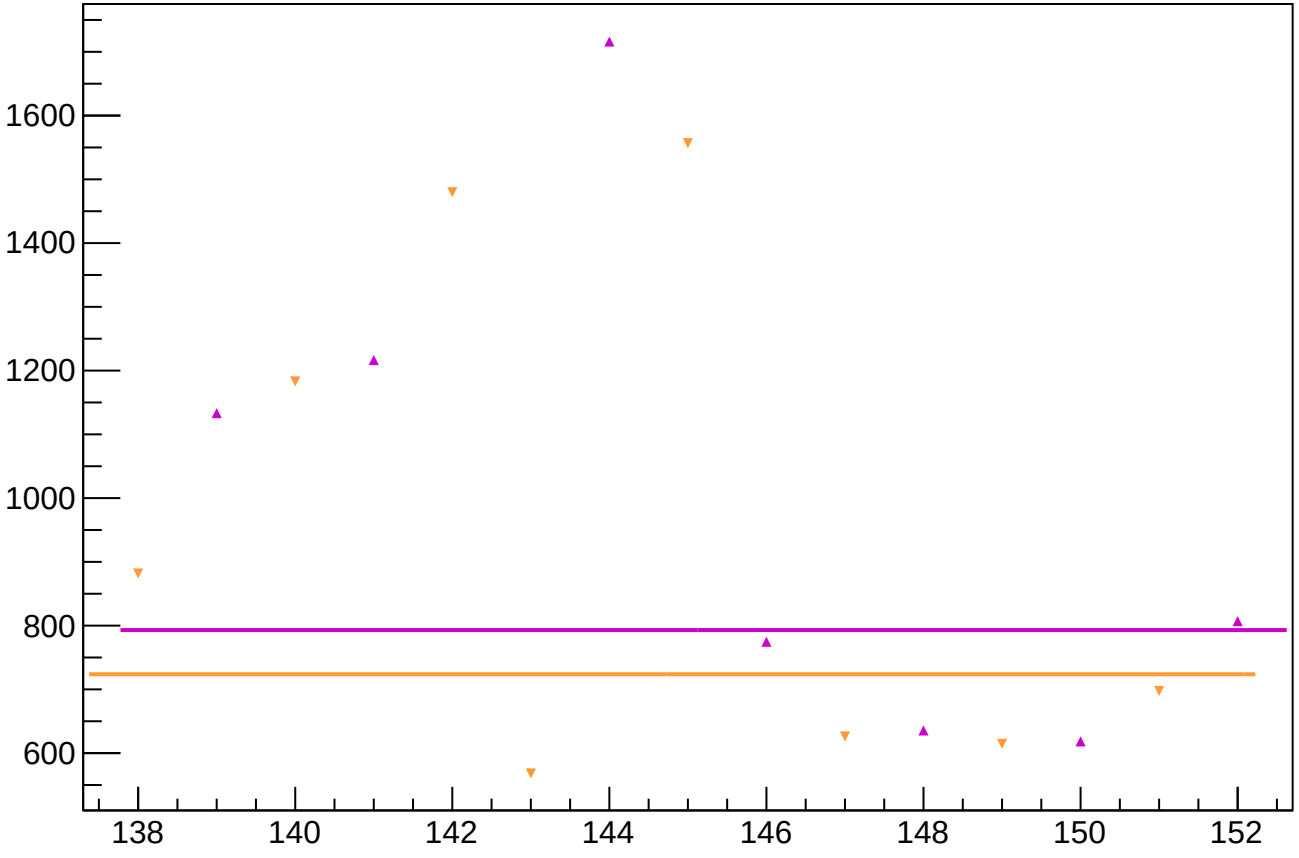
Left In: -62.156+/-346.004 χ^2/NDF:6.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 221.419+/-235.019 χ^2/NDF: 20.3/14

- 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: 723.690+/-0.226 χ^2/NDF:1087907.4/7

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

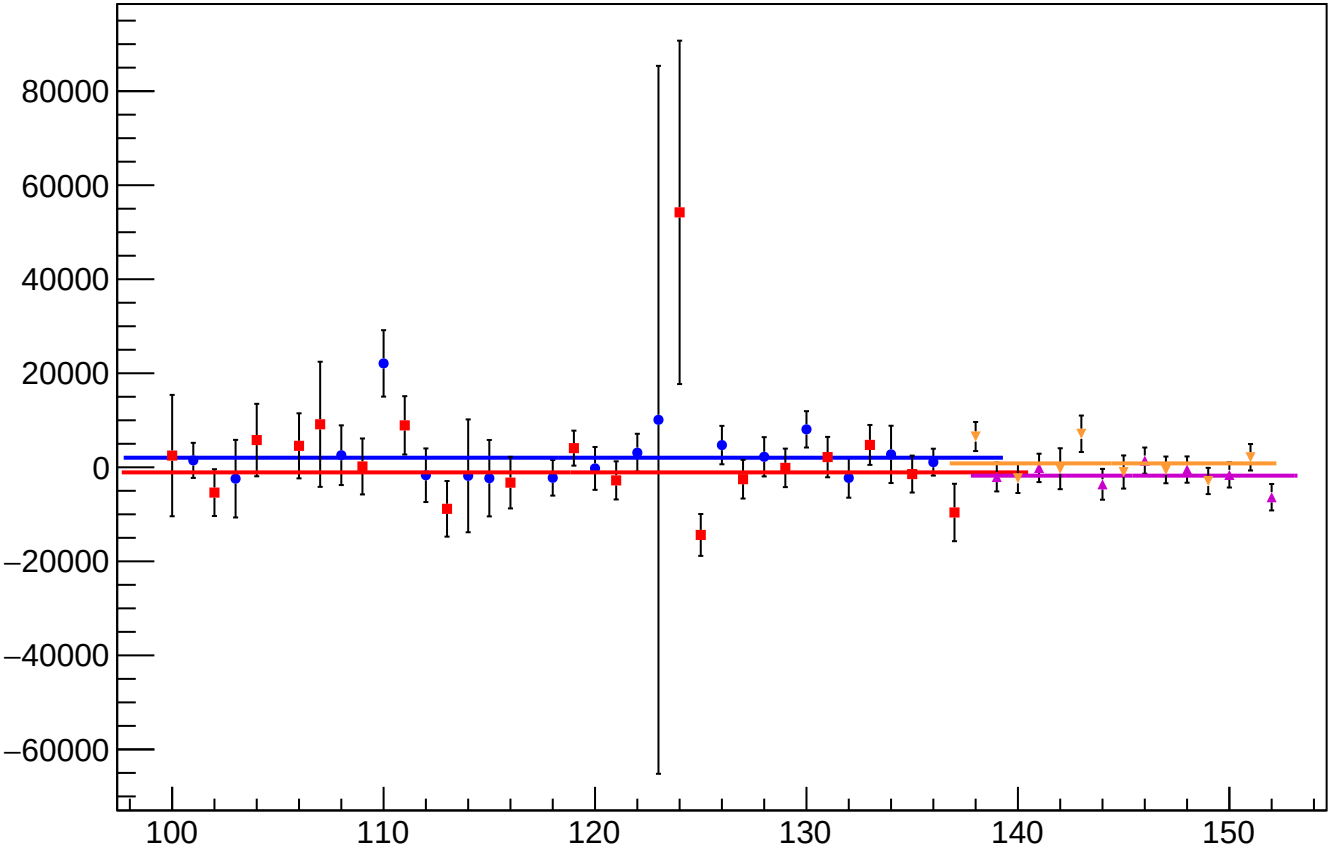
Left In: 793.048+/-0.245 χ^2/NDF:1076691.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 755.690+/-0.166 χ^2/NDF: 2207885.8/14

- 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: 832.637+/-1128.993 χ^2/NDF:9.7/7

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

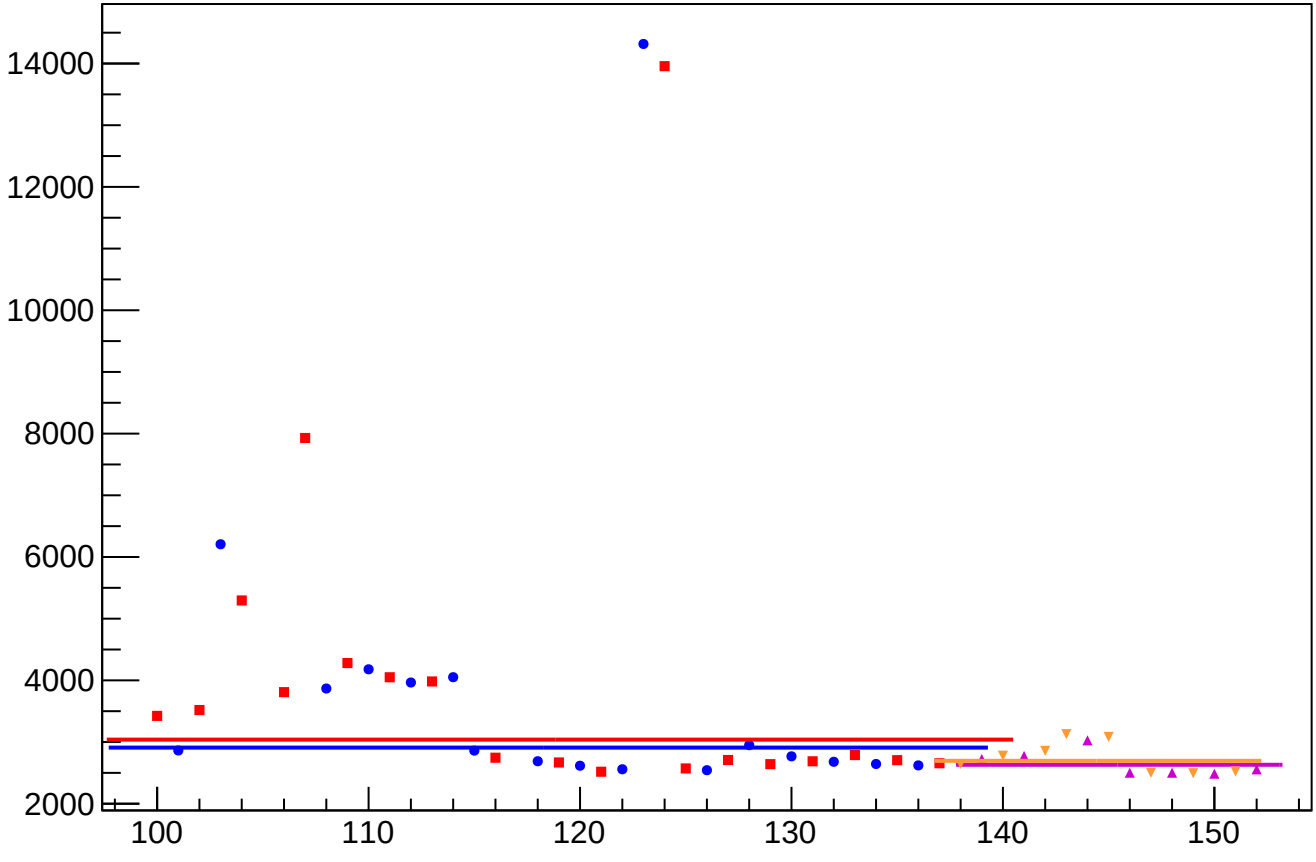
Left In: -1777.665+/-1095.847 χ^2/NDF:4.8/6

+ sign 1423.369+/-806.130 χ^2/NDF: 25.0/24

All: -18.504+/-569.647 χ^2/NDF: 61.8/50

- sign -1456.606+/-805.076 χ^2/NDF: 30.3/25

asym_atl1_rms vs Slug



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

Left Out: 2695.301+/-0.798 χ^2/NDF:81001.7/7

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

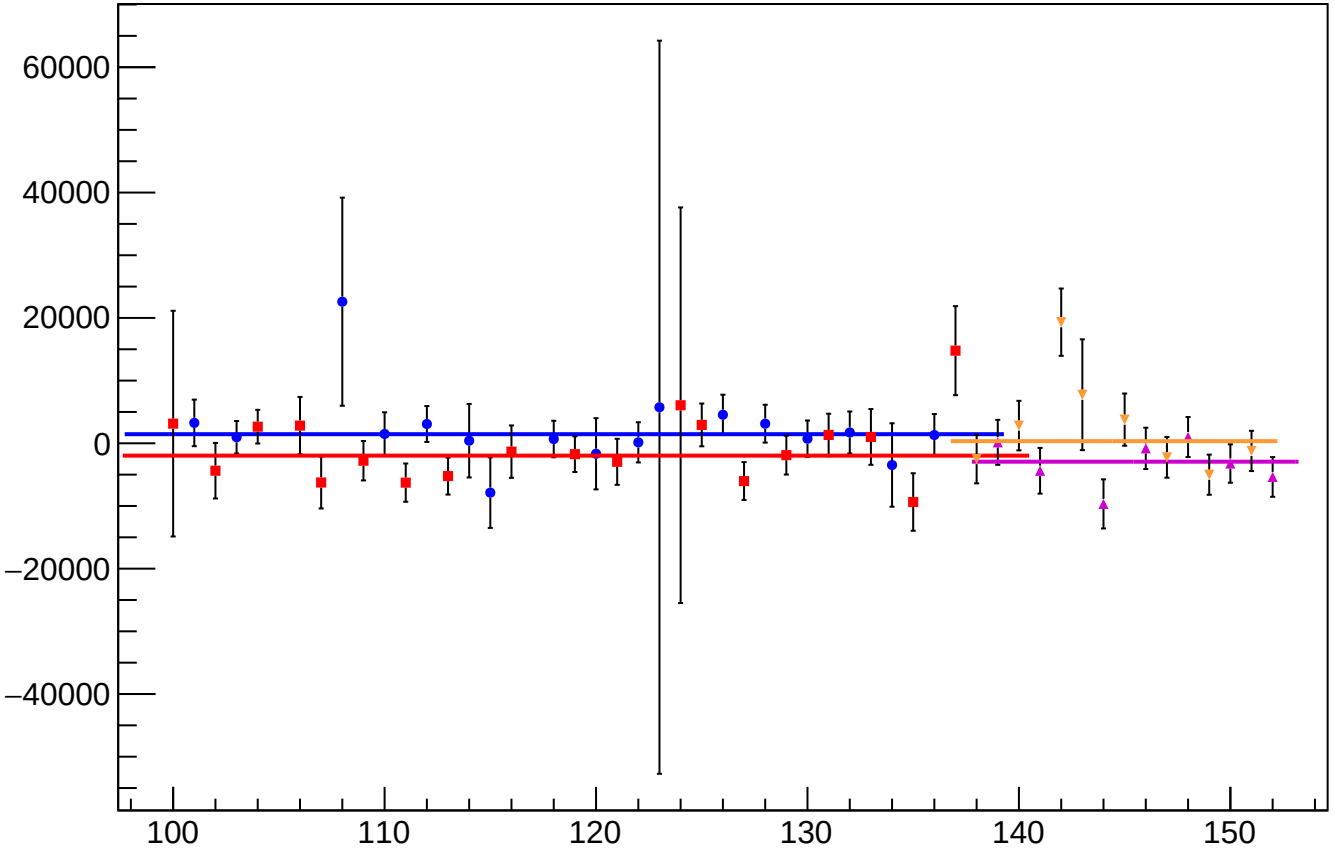
Left In: 2631.199+/-0.775 χ^2/NDF:51264.6/6

+ sign 2800.408+/-0.570 χ^2/NDF: 758261.1/24

All: 2809.693+/-0.403 χ^2/NDF: 1948915.9/50

- sign 2818.954+/-0.569 χ^2/NDF: 1190124.9/25

dit_asym_atl2_mean vs Slug



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

Left Out: 341.222+/-1379.402 χ^2/NDF:18.5/7

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

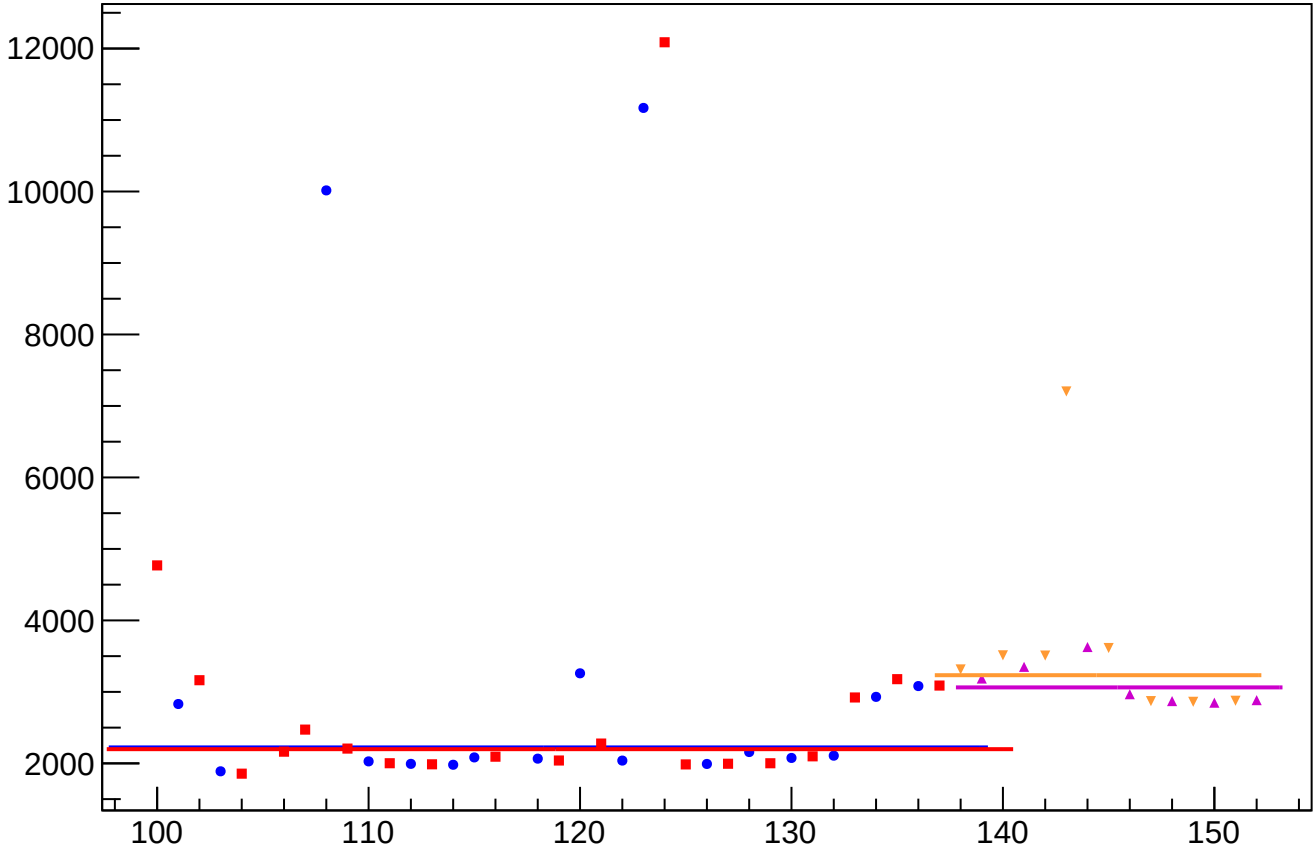
Left In: -2935.833+/-1275.828 χ^2/NDF:6.4/6

+ sign 1126.007+/-747.260 χ^2/NDF: 26.3/24

All: -662.543+/-513.823 χ^2/NDF: 66.4/50

- sign -2266.583+/-707.666 χ^2/NDF: 29.2/25

dit_asym_atl2_rms vs Slug



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

Left Out: 3233.487+/-0.975 χ^2/NDF:512732.8/7

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

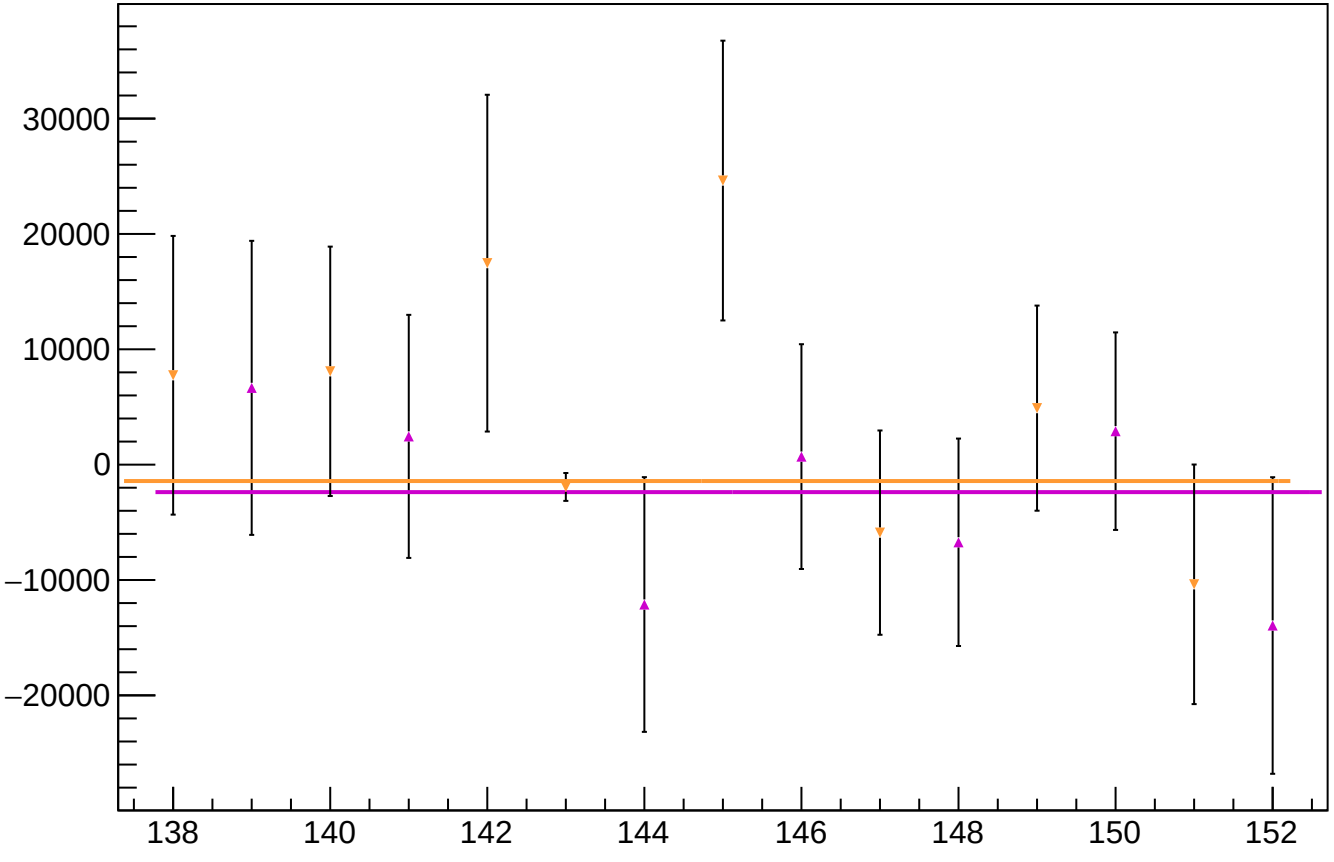
Left In: 3062.801+/-0.902 χ^2/NDF:81343.8/6

+ sign 2519.639+/-0.528 χ^2/NDF: 2121125.3/24

All: 2490.464+/-0.363 χ^2/NDF: 3446037.8/50

- sign 2464.325+/-0.500 χ^2/NDF: 1319132.6/25

asym_atl2_correction_mean vs Slug



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

Left Out: -1421.194+/-1157.717 χ^2/NDF:9.3/7

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

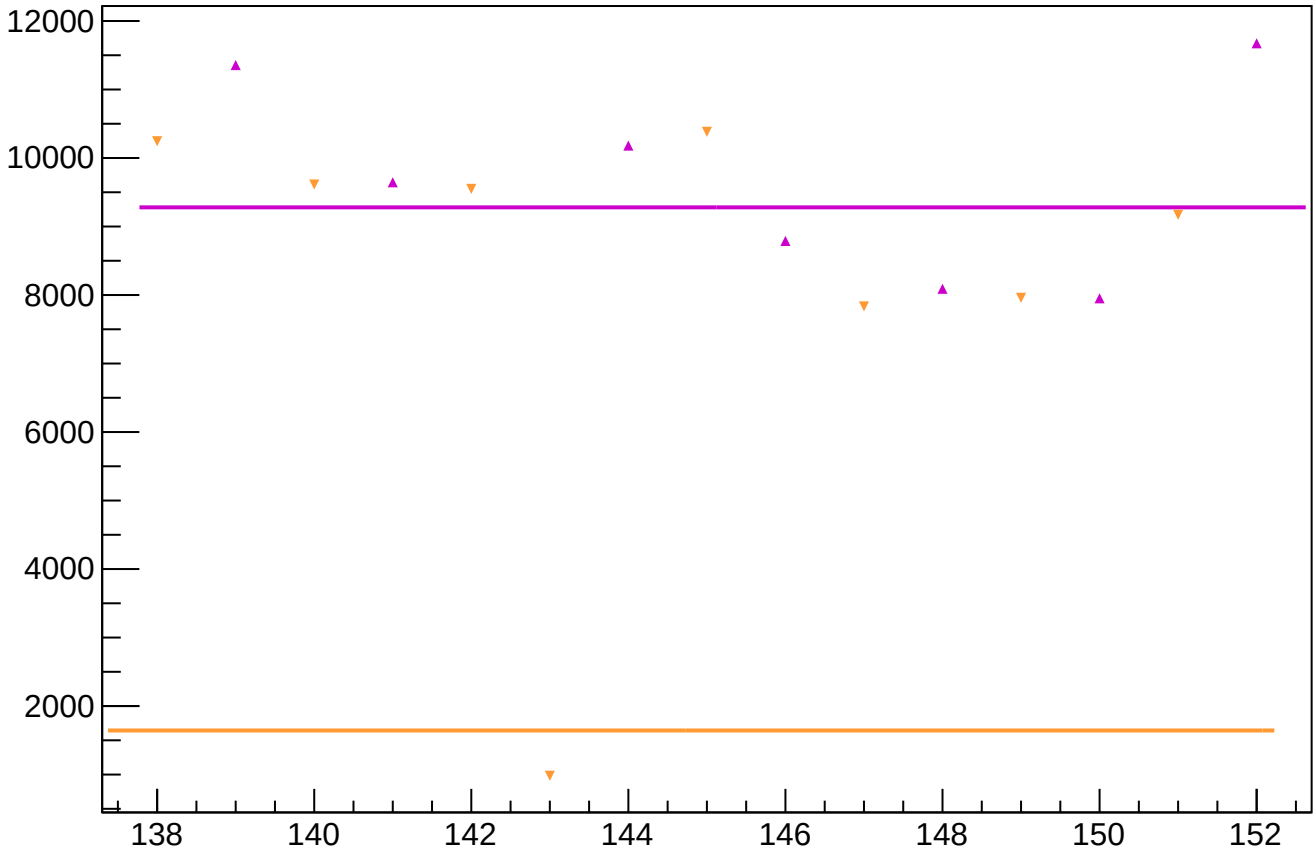
Left In: -2381.372+/-3893.516 χ^2/NDF:3.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1499.191+/-1109.699 χ^2/NDF: 12.4/14

- 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: 1643.585+/-0.819 χ^2/NDF:7361244.4/7

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

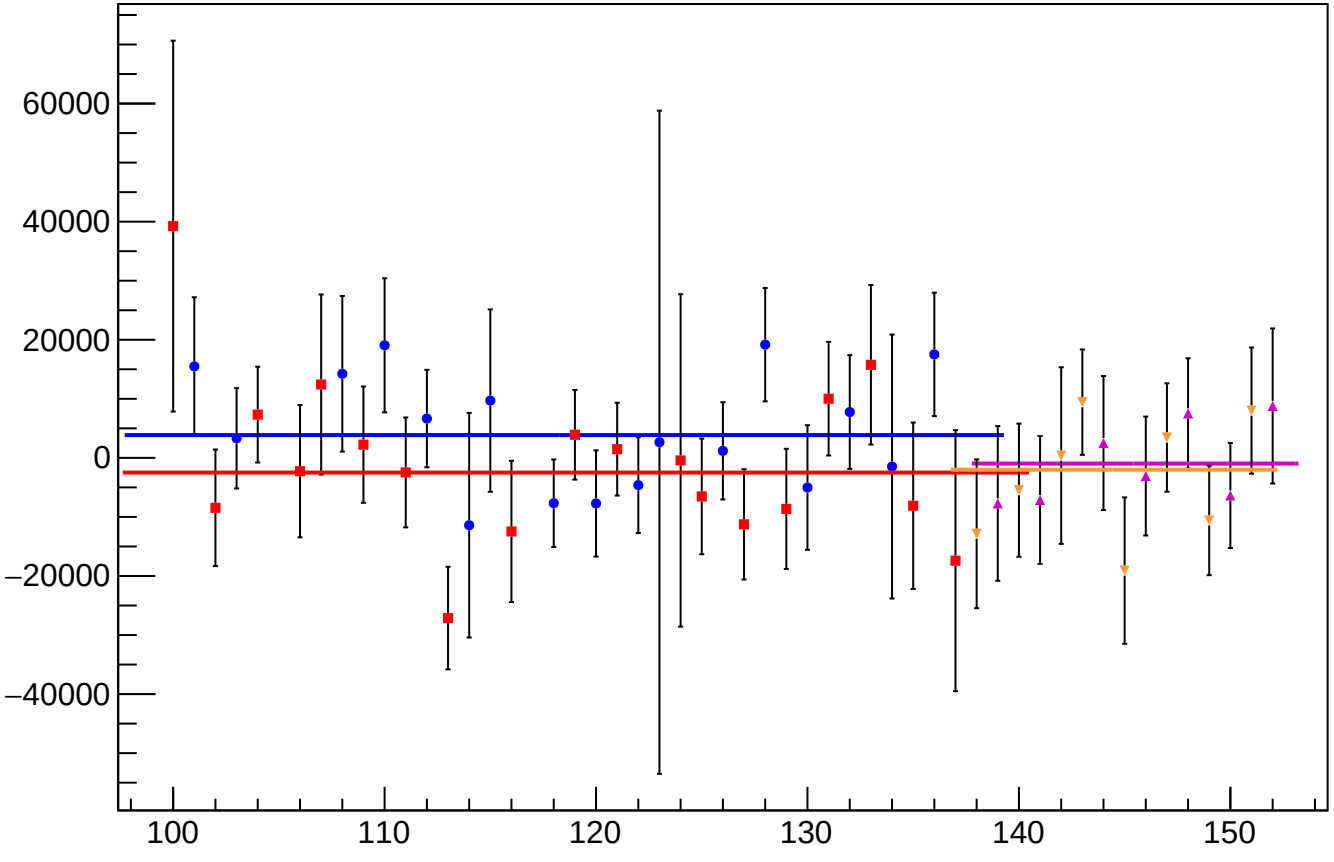
Left In: 9279.676+/-2.753 χ^2/NDF:226374.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2263.879+/-0.785 χ^2/NDF: 14655580.6/1

- 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: -2005.973+/-3780.005 χ^2/NDF:6.5/7

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

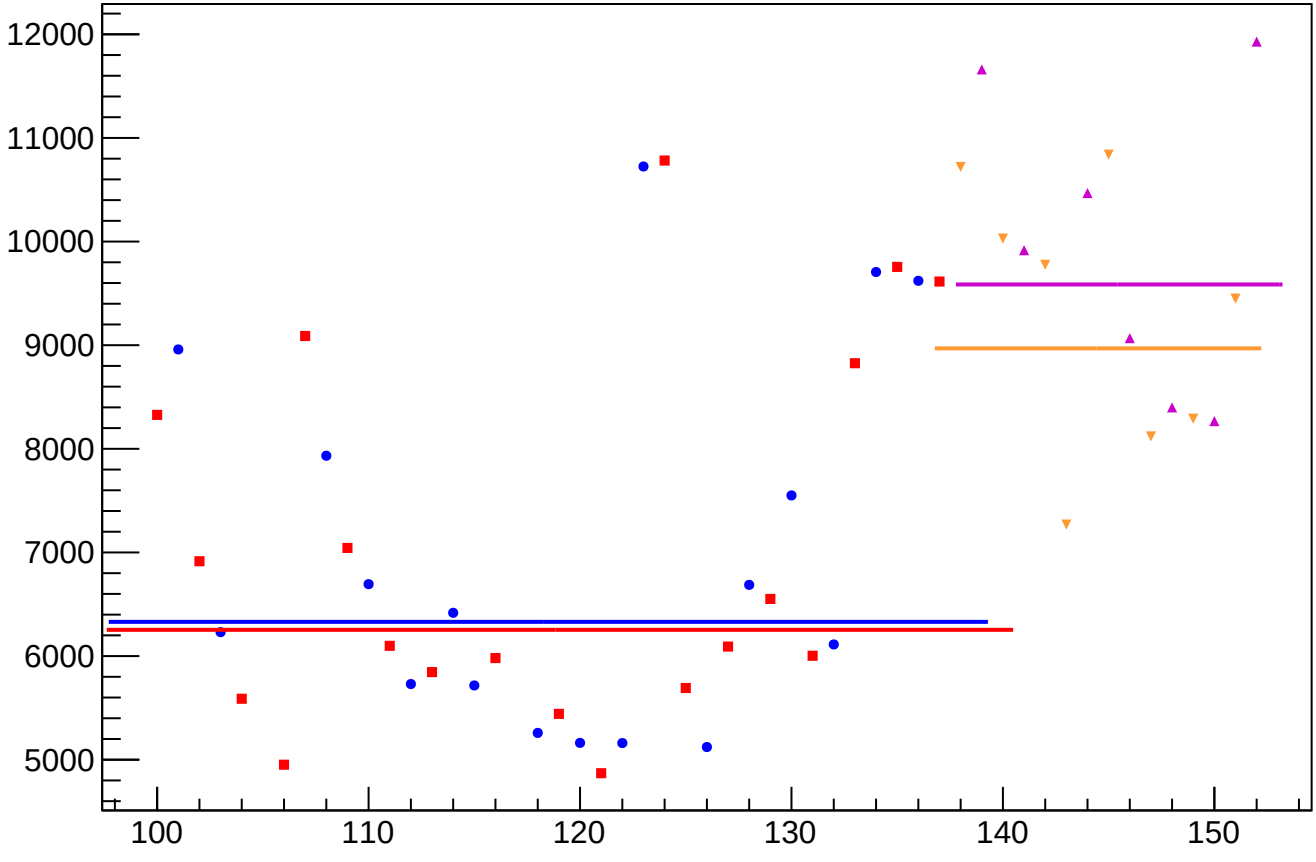
Left In: -963.843+/-4019.888 χ^2/NDF:2.5/6

+ sign 2066.126+/-2090.293 χ^2/NDF: 22.9/24

All: -22.292+/-1472.308 χ^2/NDF: 47.5/50

- sign -2078.516+/-2074.118 χ^2/NDF: 22.6/25

asym_atl2_rms vs Slug



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

Left Out: 8969.321+/-2.673 χ^2/NDF:212124.5/7

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

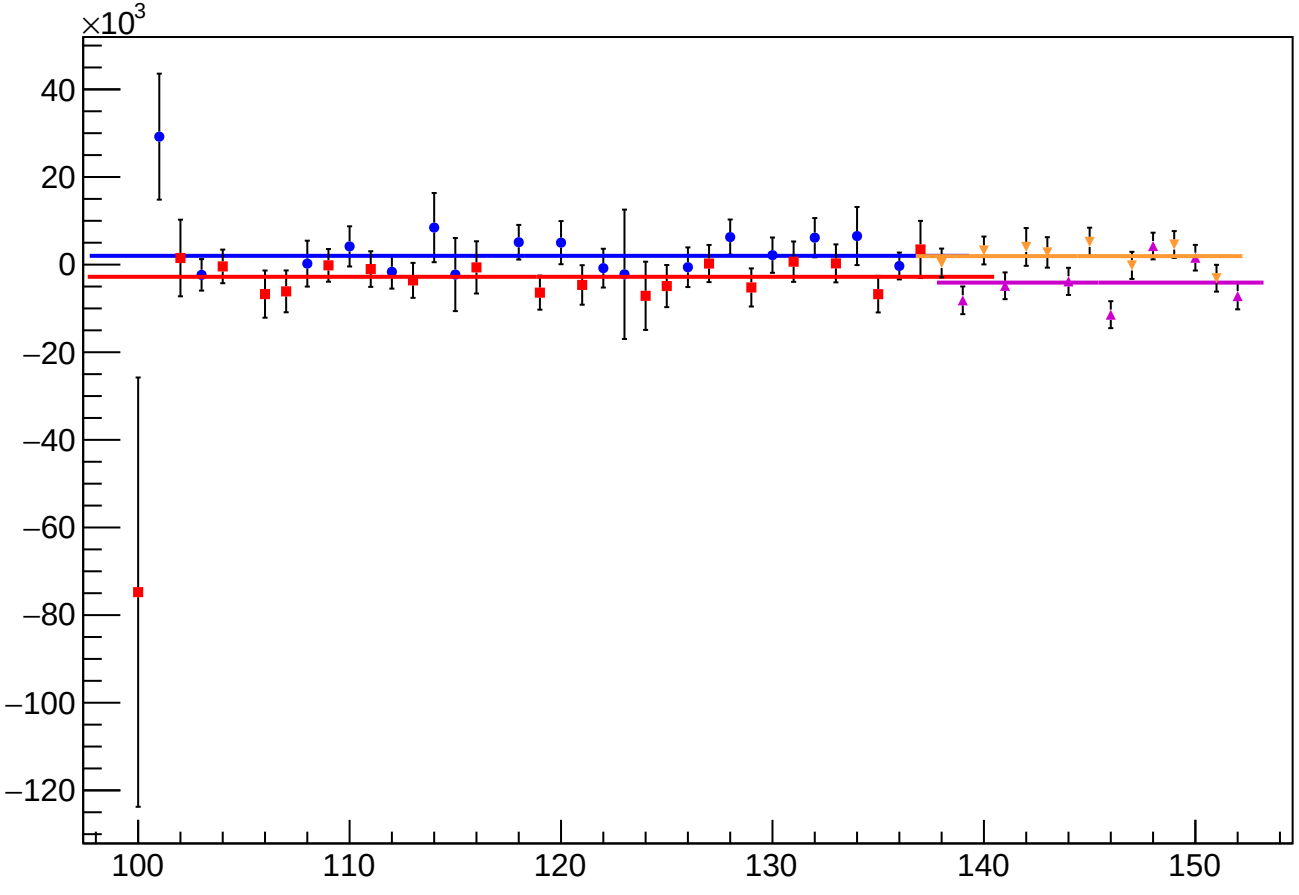
Left In: 9585.997+/-2.842 χ^2/NDF:209294.4/6

+ sign 7137.286+/-1.478 χ^2/NDF: 1482262.4/24

All: 7138.900+/-1.041 χ^2/NDF: 3235616.7/50

- sign 7140.490+/-1.467 χ^2/NDF: 1753352.0/25

dit_asym_atr1_mean vs Slug



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

Left Out: 1934.910+/-1161.804 χ^2/NDF:5.6/7

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

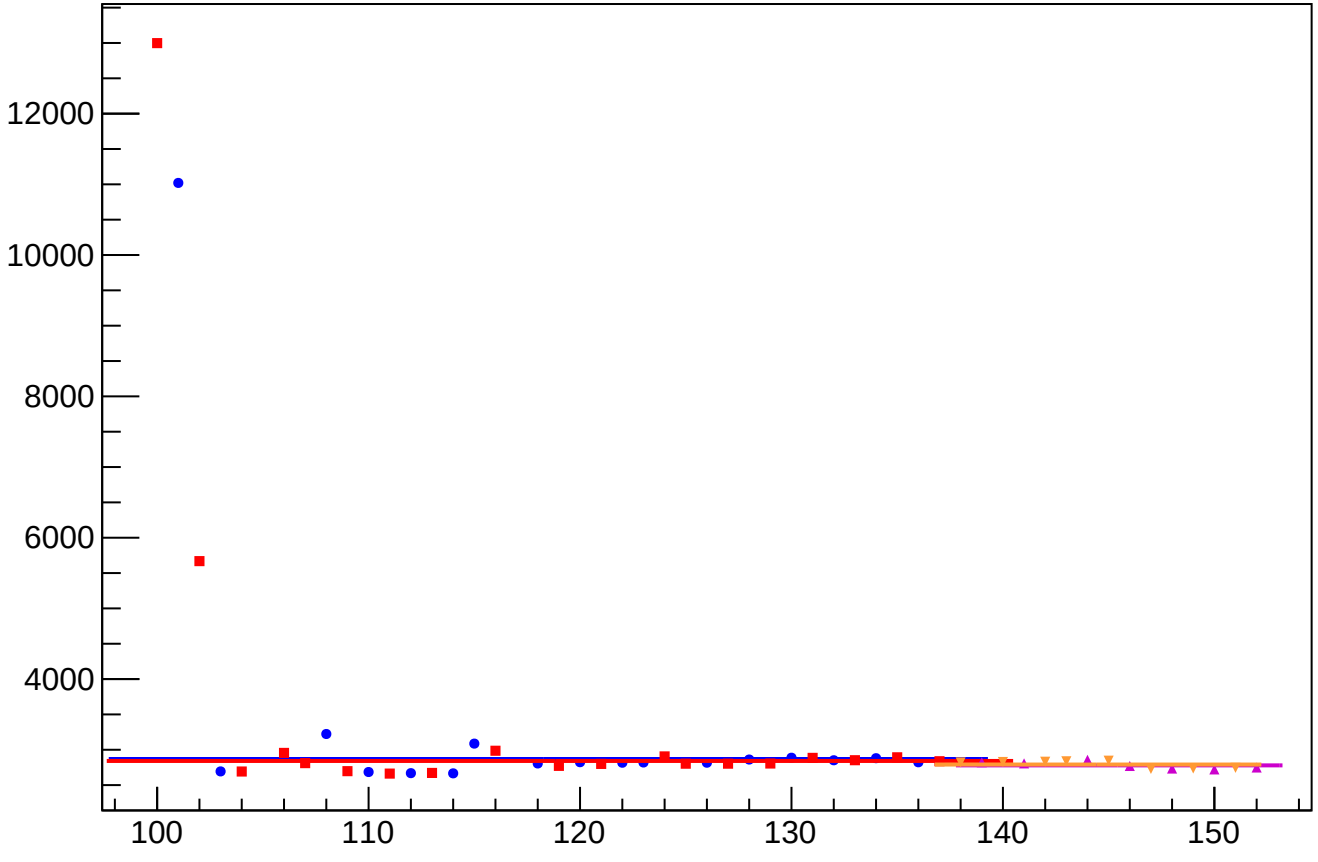
Left In: -4105.786+/-1153.612 χ^2/NDF:19.7/6

+ sign 1970.992+/-811.599 χ^2/NDF: 17.7/24

All: -786.007+/-566.392 χ^2/NDF: 70.4/50

- sign -3403.538+/-790.804 χ^2/NDF: 30.3/25

dit_asym_atr1_rms vs Slug



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

Left Out: 2790.816+/-0.822 χ^2/NDF:3449.1/7

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

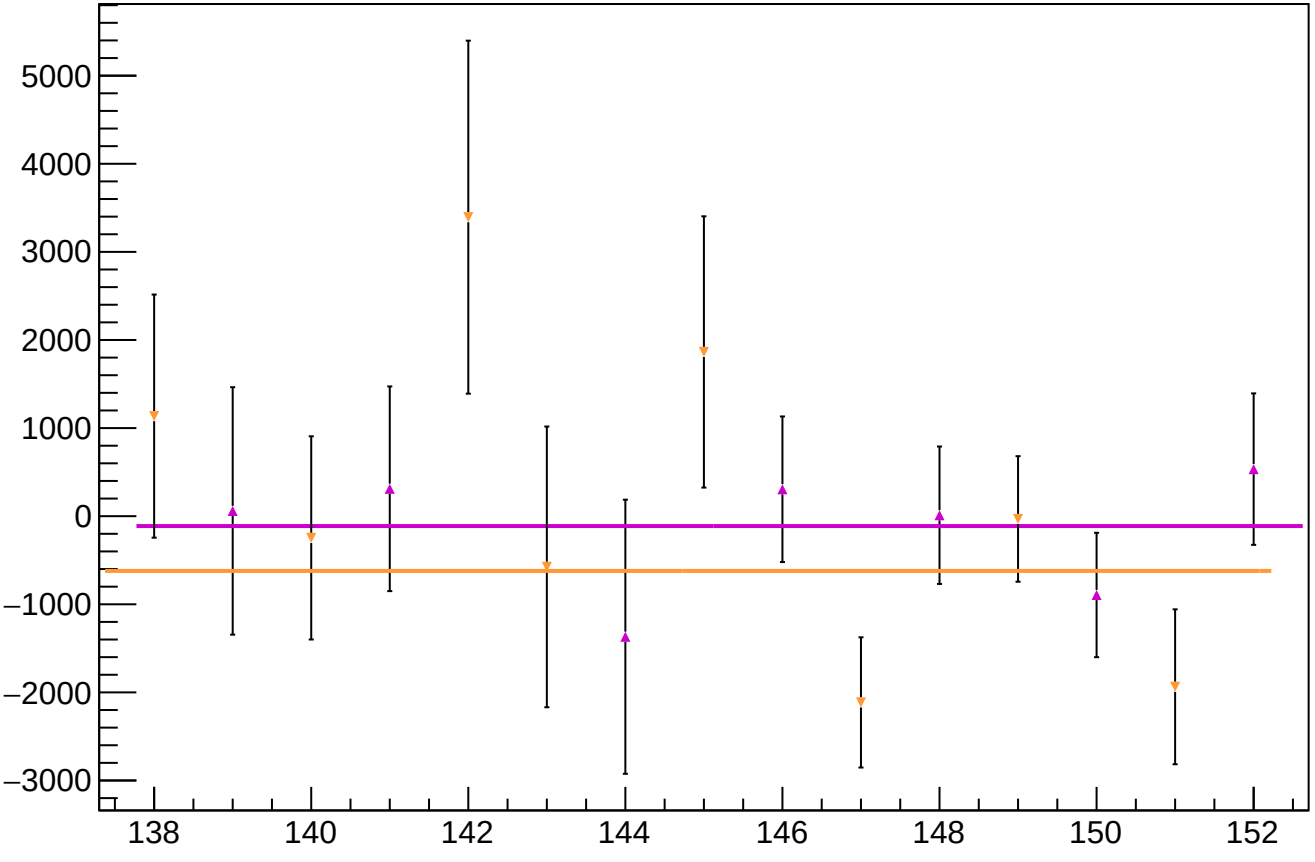
Left In: 2779.034+/-0.816 χ^2/NDF:3256.4/6

+ sign 2830.947+/-0.574 χ^2/NDF: 678010.4/24

All: 2821.319+/-0.400 χ^2/NDF: 997452.9/50

- sign 2812.179+/-0.559 χ^2/NDF: 318893.9/25

asym_atr1_correction_mean vs Slug



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

Left Out: -621.214+/-366.716 χ^2/NDF:15.4/7

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

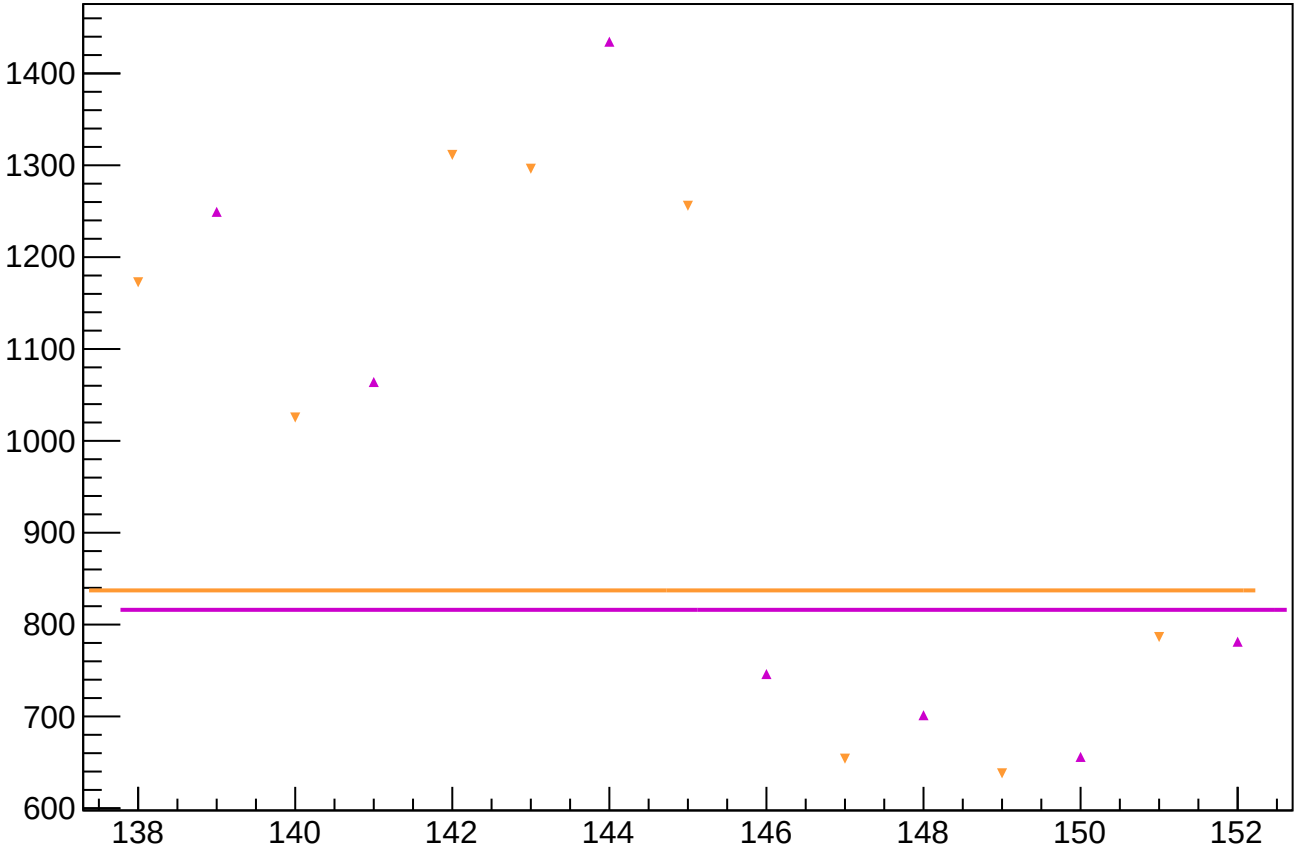
Left In: -112.063+/-350.741 χ^2/NDF:2.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -355.307+/-253.471 χ^2/NDF: 19.2/14

- 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: 837.208+/-0.259 χ^2/NDF:883166.1/7

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

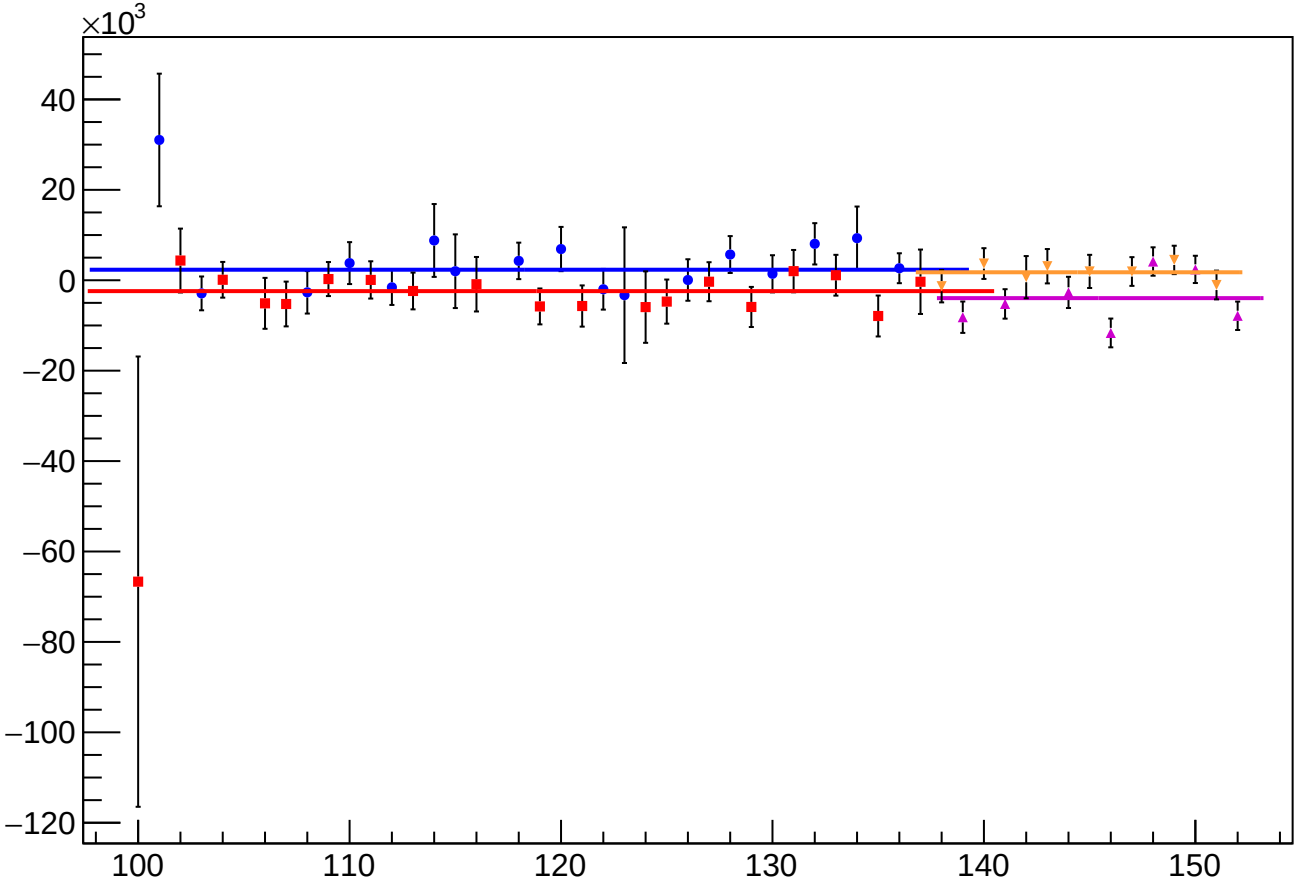
Left In: 816.059+/-0.248 χ^2/NDF:761405.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 826.163+/-0.179 χ^2/NDF: 1648045.5/14

- 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: 1764.876+/-1237.358 χ^2/NDF:2.8/7

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

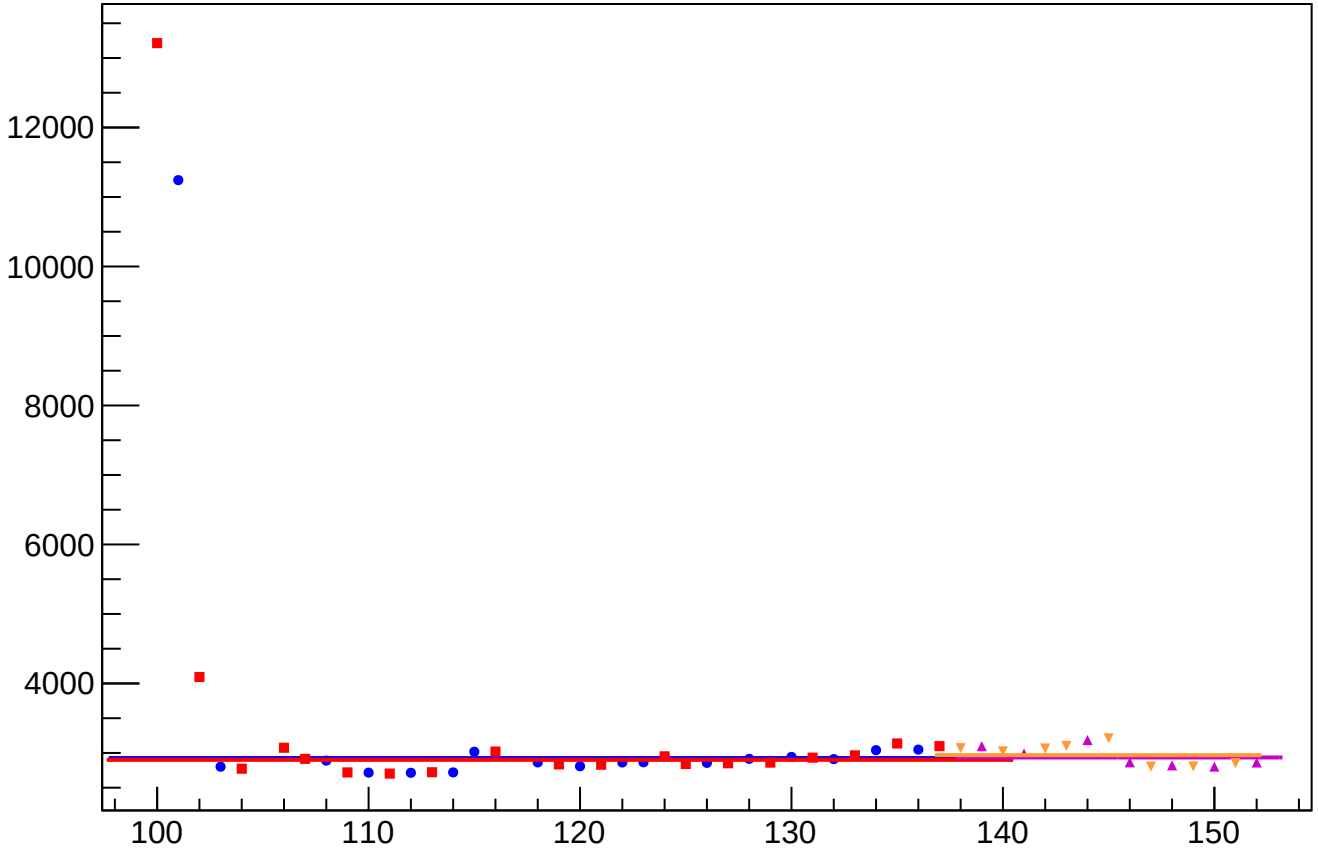
Left In: -3952.974+/-1219.501 χ^2/NDF:20.3/6

+ sign 2066.563+/-844.930 χ^2/NDF: 17.3/24

All: -594.153+/-588.781 χ^2/NDF: 67.8/50

- sign -3105.764+/-820.914 χ^2/NDF: 31.2/25

asym_atr1_rms vs Slug



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

Left Out: 2968.363+/-0.875 χ^2/NDF:27380.3/7

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

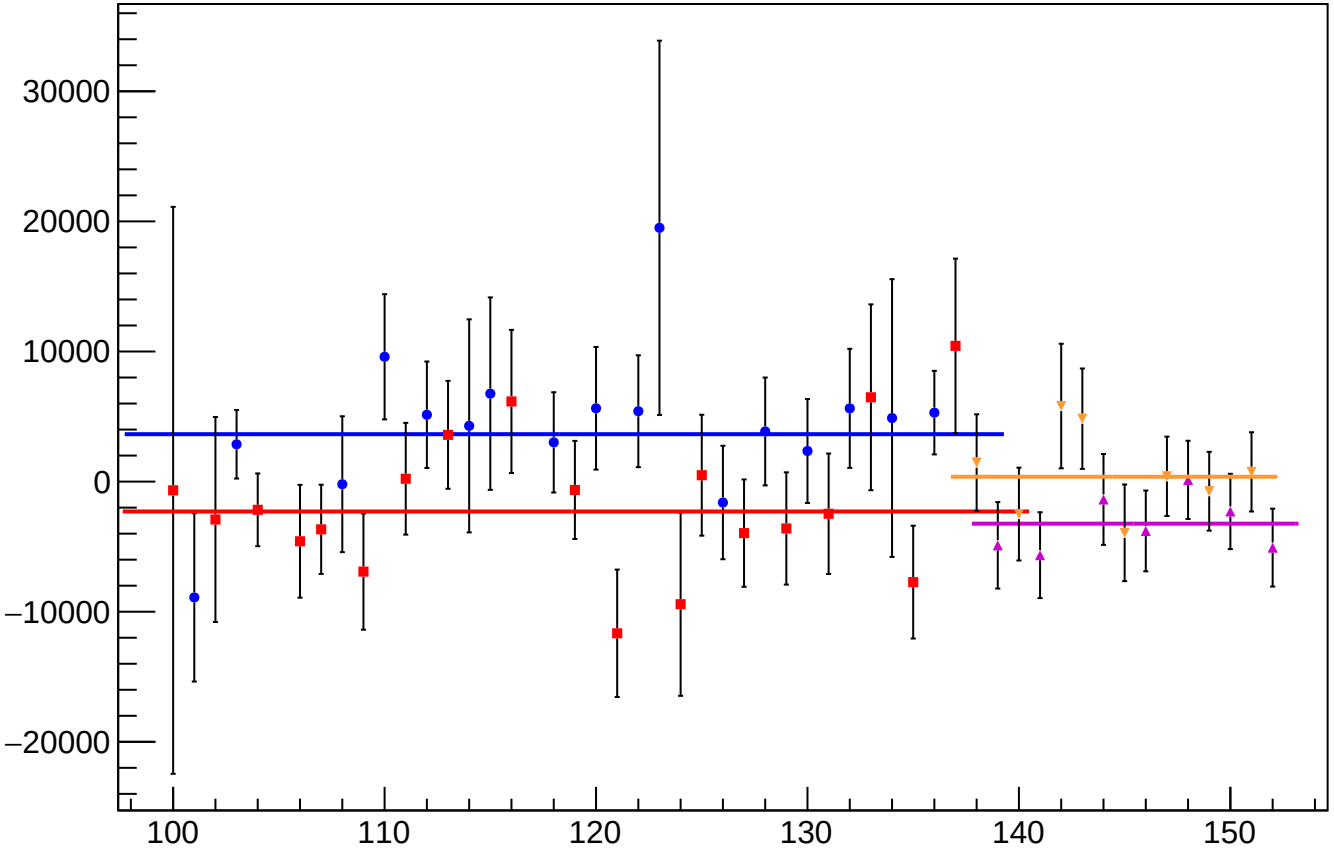
Left In: 2934.910+/-0.862 χ^2/NDF:24027.5/6

+ sign 2946.079+/-0.597 χ^2/NDF: 691390.0/24

All: 2930.745+/-0.416 χ^2/NDF: 887418.8/50

- sign 2916.271+/-0.580 χ^2/NDF: 194748.4/25

dit_asym_atr2_mean vs Slug



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

Left Out: 374.270+/-1232.085 χ^2/NDF:4.9/7

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

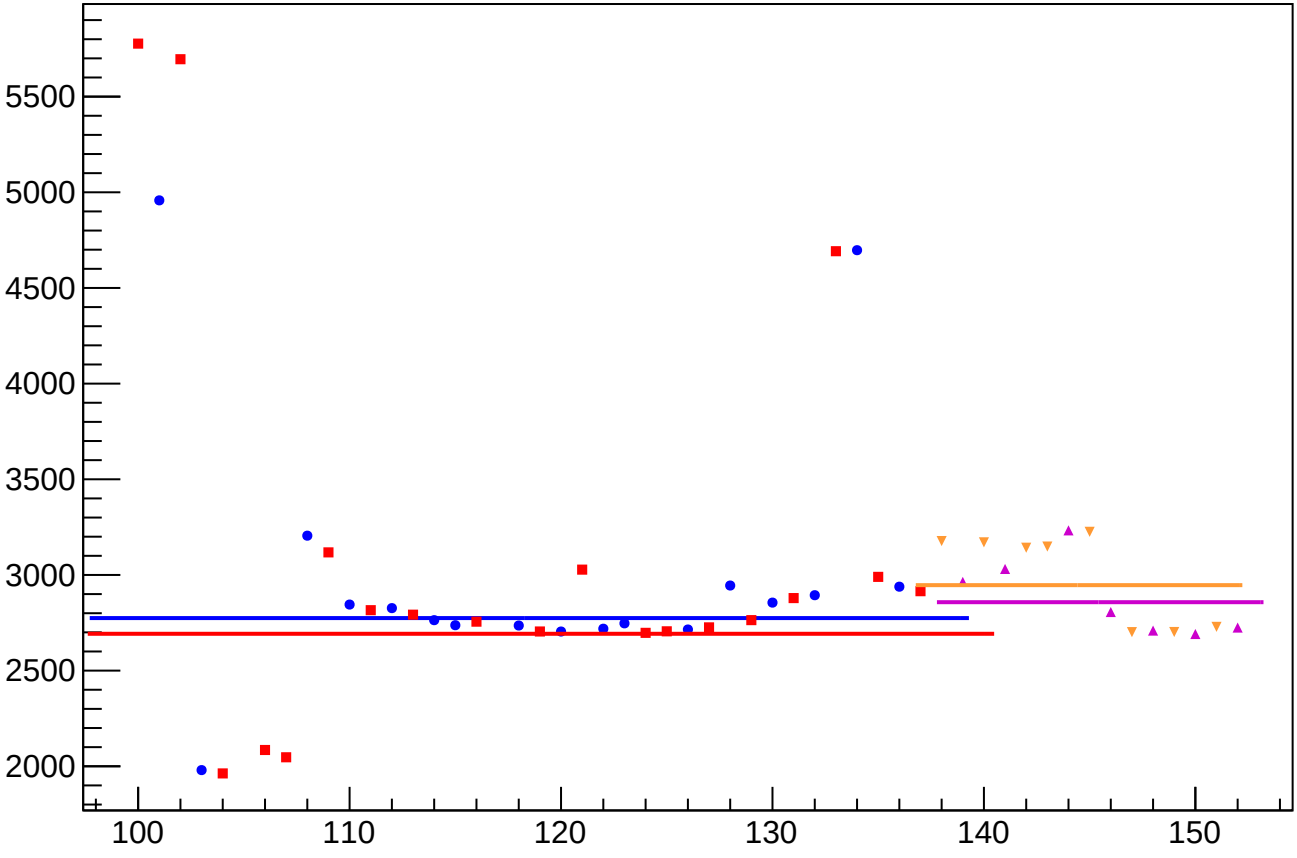
Left In: -3232.061+/-1186.956 χ^2/NDF:2.8/6

+ sign 2206.974+/-817.004 χ^2/NDF: 18.7/24

All: -346.954+/-566.102 χ^2/NDF: 59.1/50

- sign -2705.470+/-785.126 χ^2/NDF: 21.6/25

dit_asym_atr2_rms vs Slug



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

Left Out: 2946.705+/-0.871 χ^2/NDF:71932.7/7

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

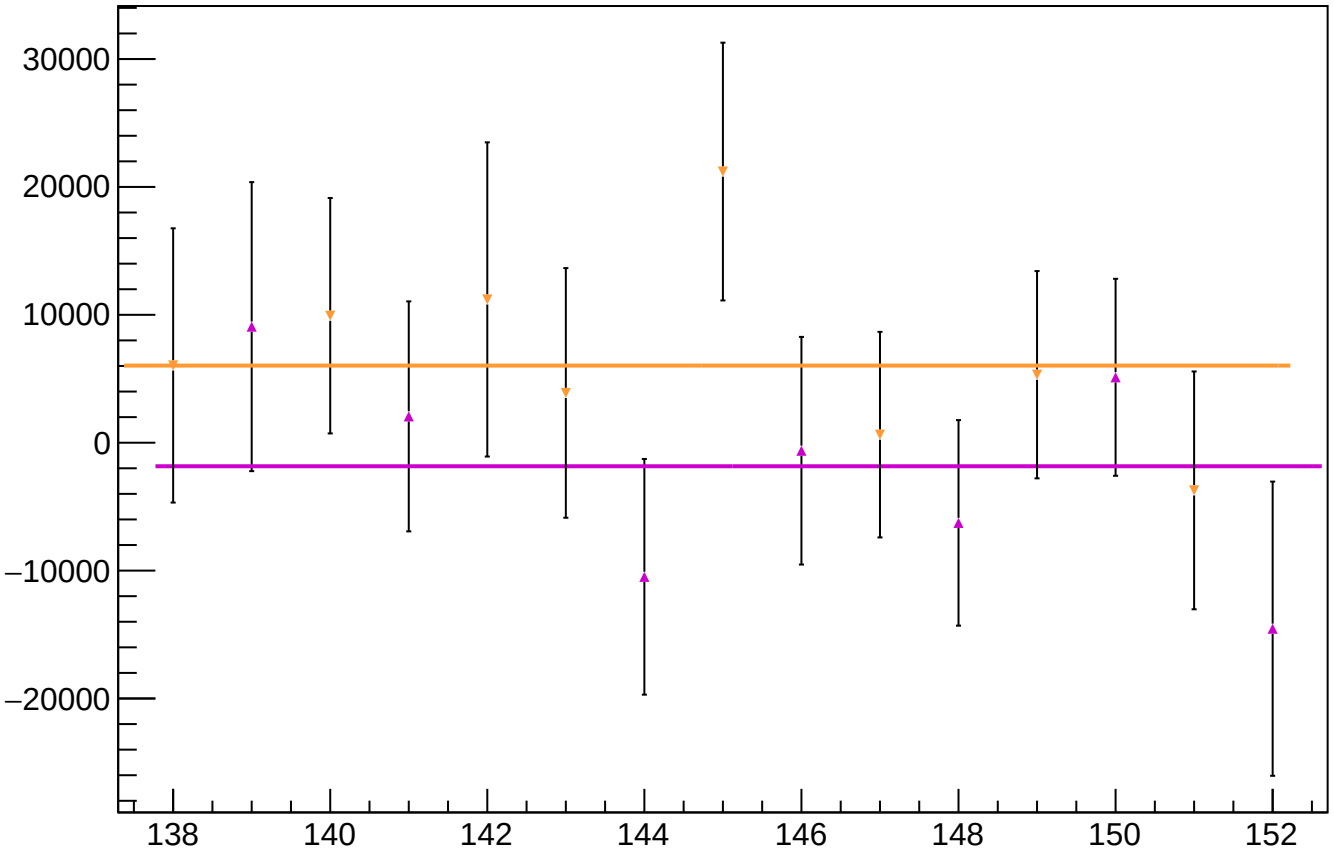
Left In: 2857.614+/-0.839 χ^2/NDF:46656.5/6

+ sign 2850.286+/-0.578 χ^2/NDF: 595473.4/24

All: 2805.794+/-0.400 χ^2/NDF: 1455575.9/50

- sign 2764.721+/-0.555 χ^2/NDF: 848695.9/25

asym_atr2_correction_mean vs Slug



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

Left Out: 6030.918+/-3338.144 χ^2/NDF:4.2/7

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

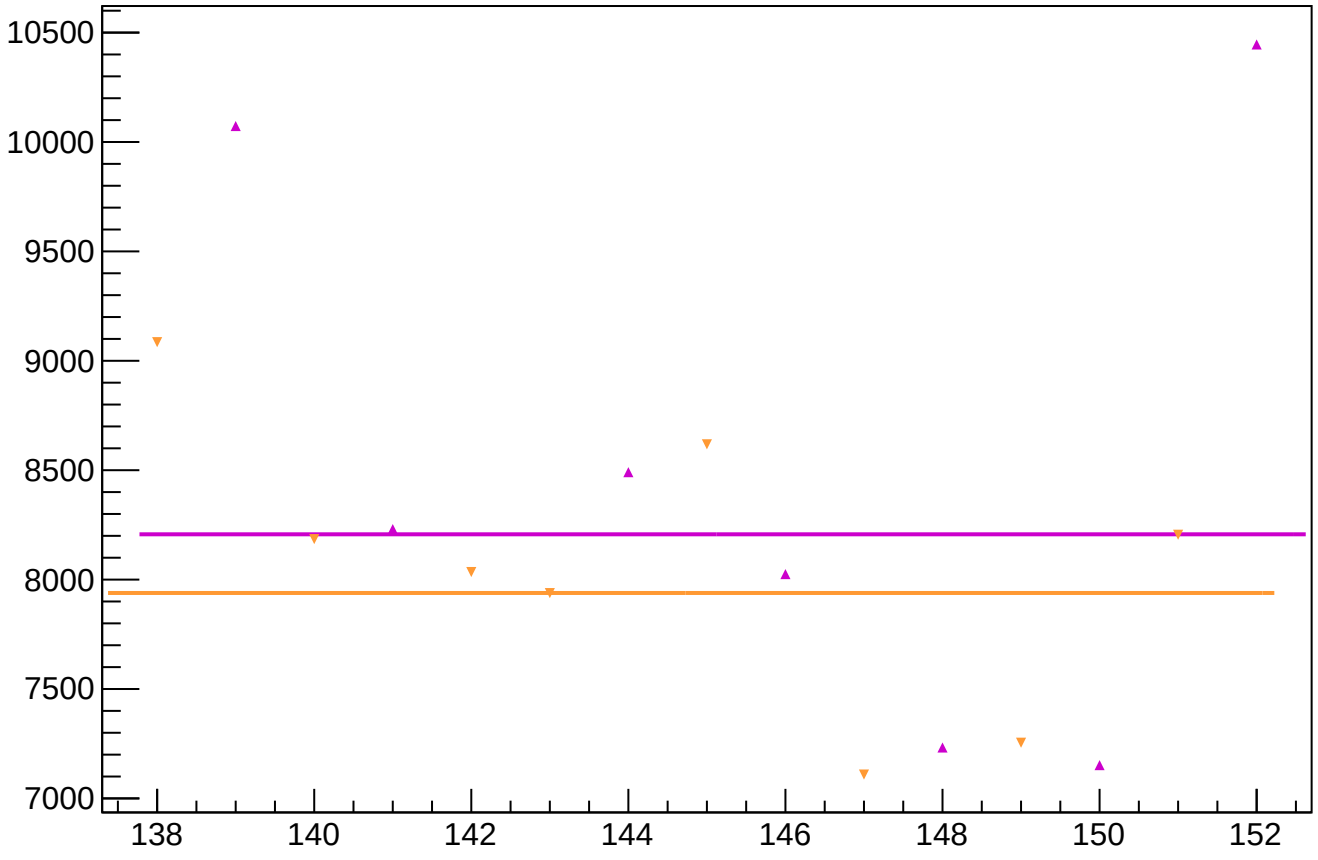
Left In: -1840.846+/-3439.861 χ^2/NDF:4.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2213.140+/-2395.577 χ^2/NDF: 11.3/14

- 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: 7938.900+/-2.360 χ^2/NDF:70718.7/7

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

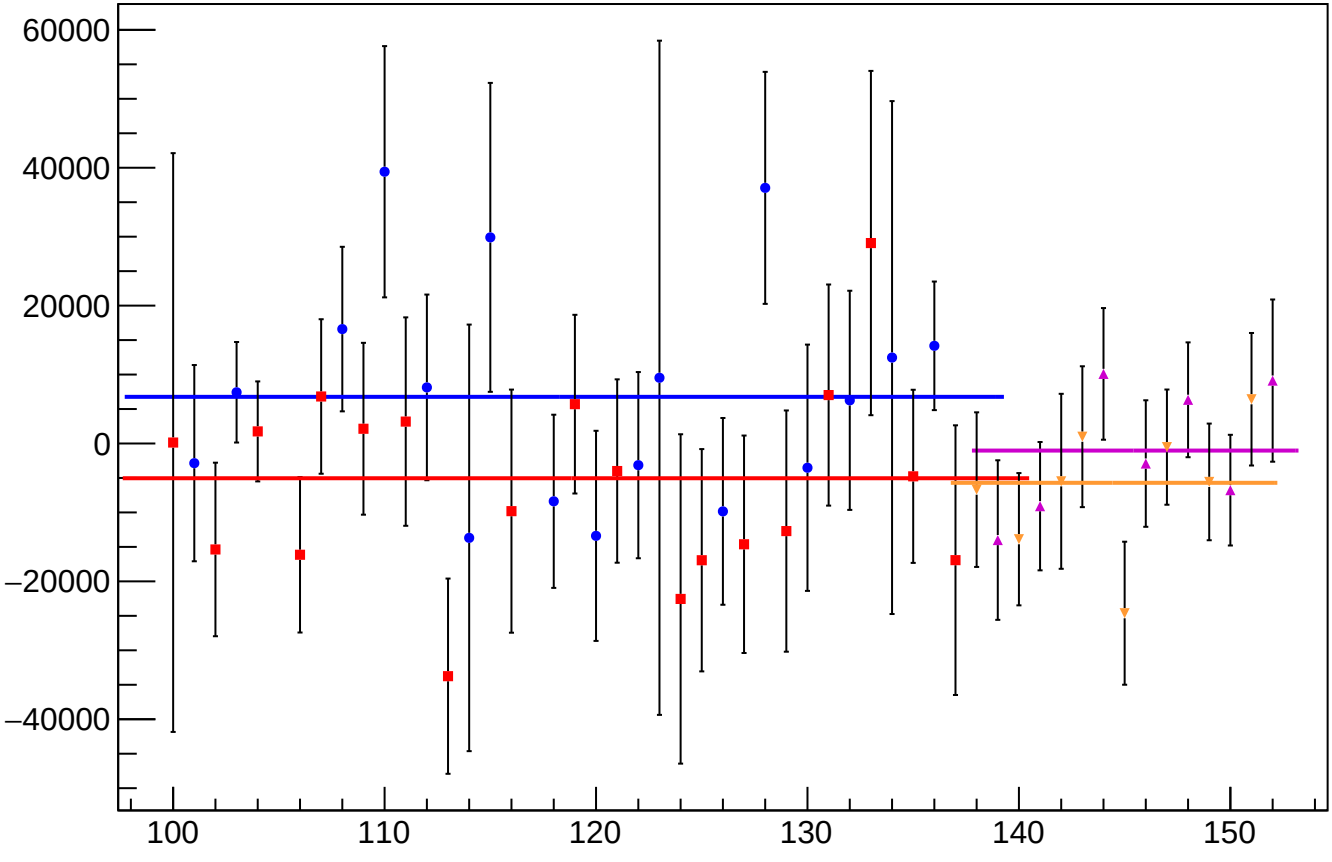
Left In: 8207.036+/-2.432 χ^2/NDF:200000.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8068.945+/-1.694 χ^2/NDF: 276977.5/14

- 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: -5703.832+/-3470.921 χ^2/NDF:6.5/7

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

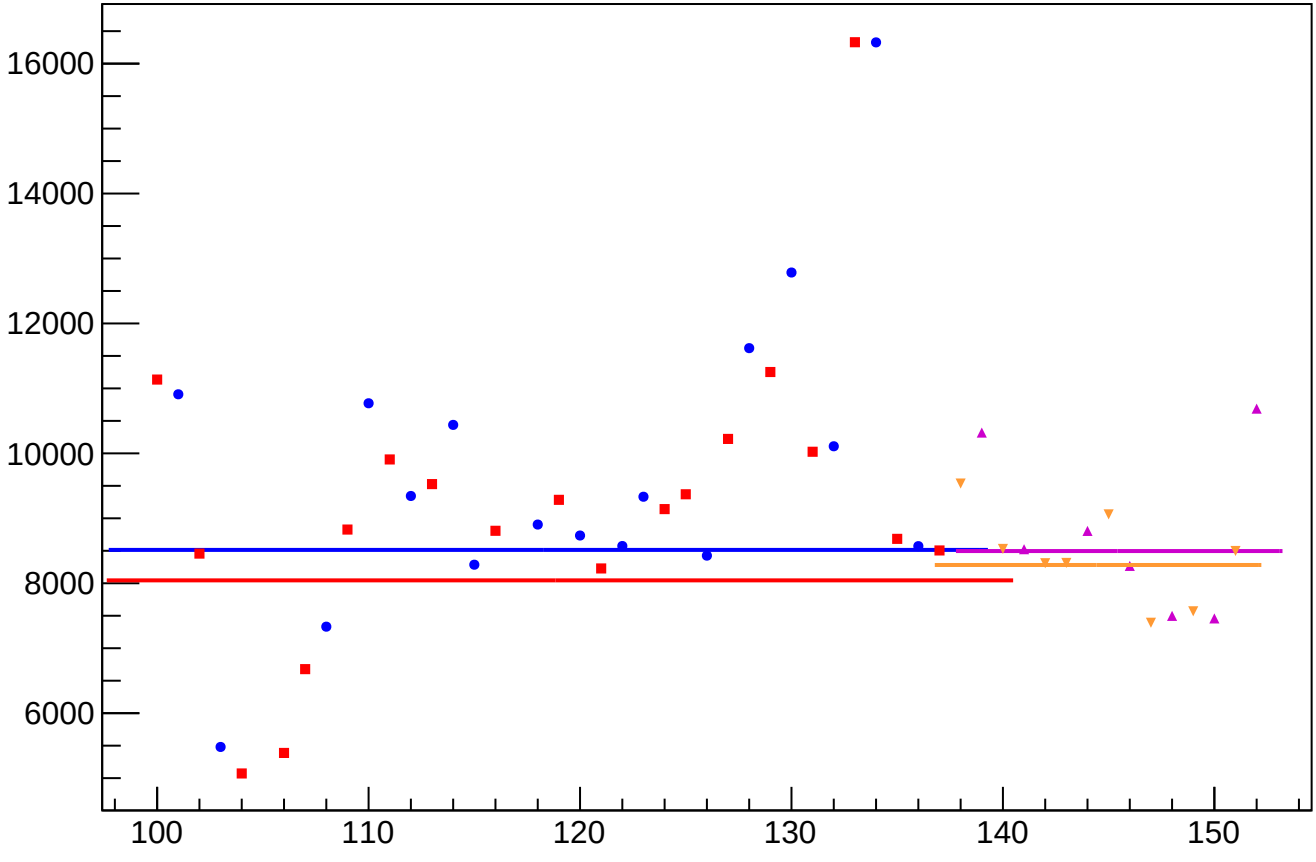
Left In: -1026.362+/-3557.844 χ^2/NDF:5.4/6

+ sign 684.118+/-2424.148 χ^2/NDF: 28.4/24

All: -1339.074+/-1693.135 χ^2/NDF: 49.5/50

- sign -3266.084+/-2365.825 χ^2/NDF: 19.8/25

asym_atr2_rms vs Slug



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

Left Out: 8281.586+/-2.454 χ^2/NDF:75508.3/7

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

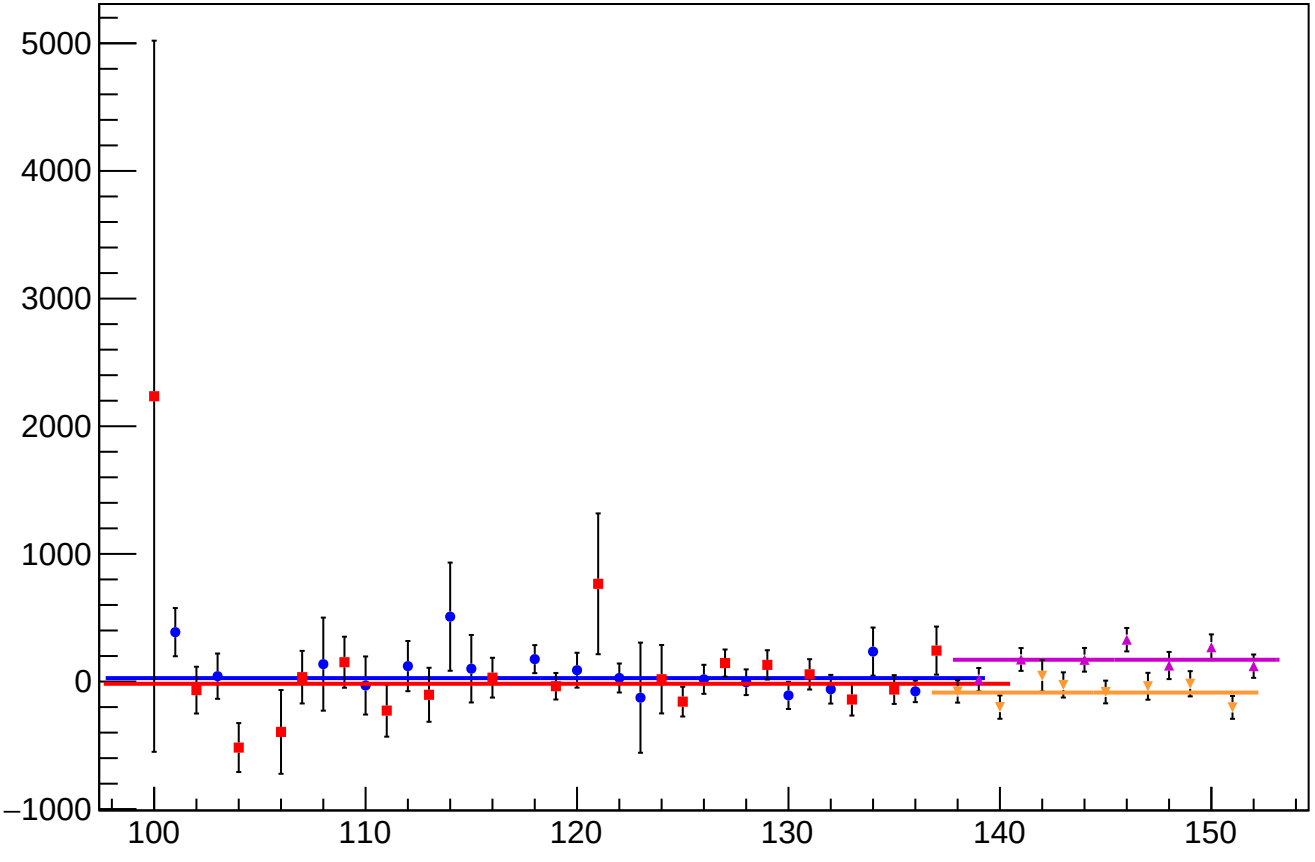
Left In: 8496.050+/-2.516 χ^2/NDF:184567.8/6

+ sign 8400.460+/-1.714 χ^2/NDF: 842702.8/24

All: 8320.471+/-1.197 χ^2/NDF: 2001785.0/50

- sign 8244.288+/-1.673 χ^2/NDF: 1154830.7/25

dit_asym_sam1_mean vs Slug



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

Left Out: -86.289+/-34.056 χ^2/NDF:5.4/7

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

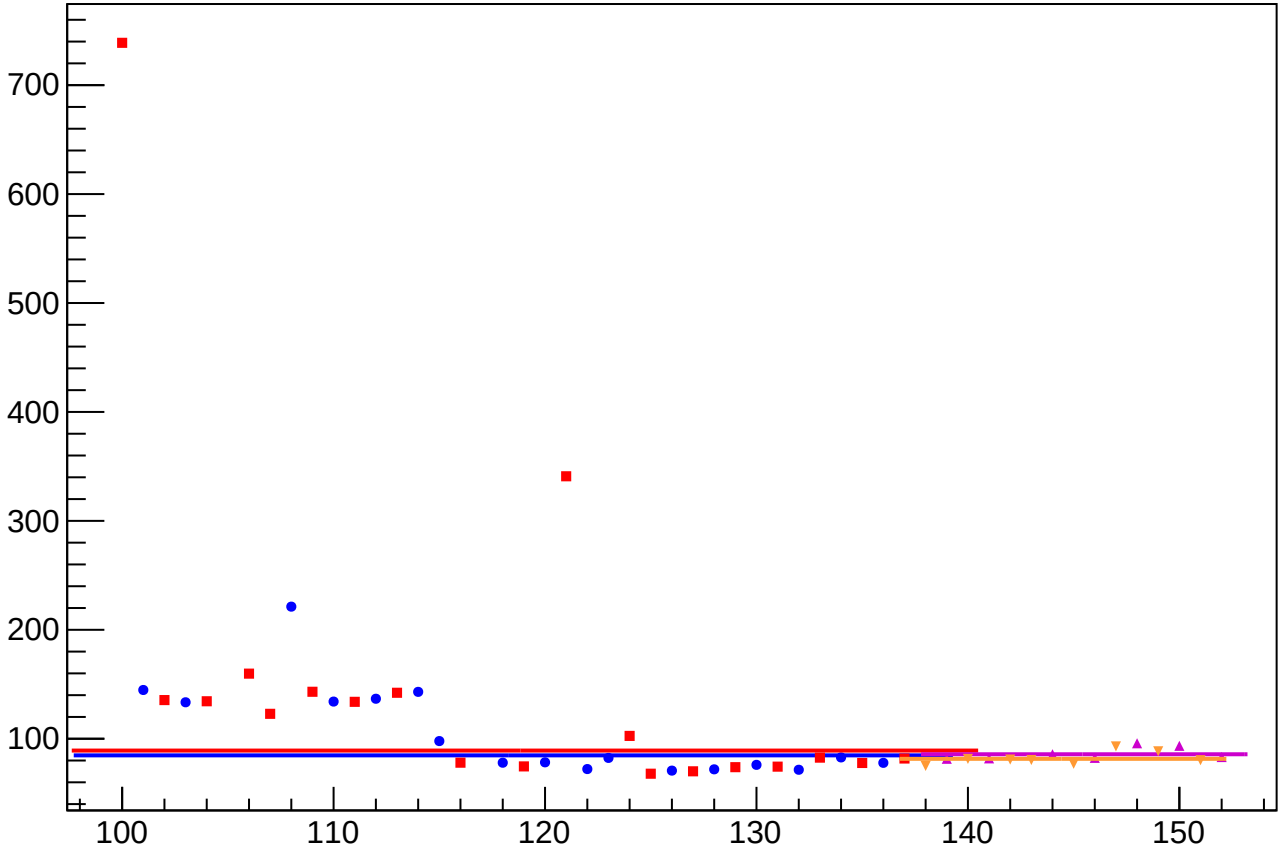
Left In: 170.776+/-35.669 χ^2/NDF:7.3/6

+ sign -29.633+/-24.072 χ^2/NDF: 23.6/24

All: 20.994+/-17.399 χ^2/NDF: 75.9/50

- sign 76.384+/-25.179 χ^2/NDF: 43.1/25

dit_asym_sam1_rms vs Slug



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

Left Out: 81.544+/-0.024 χ^2/NDF:50311.8/7

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

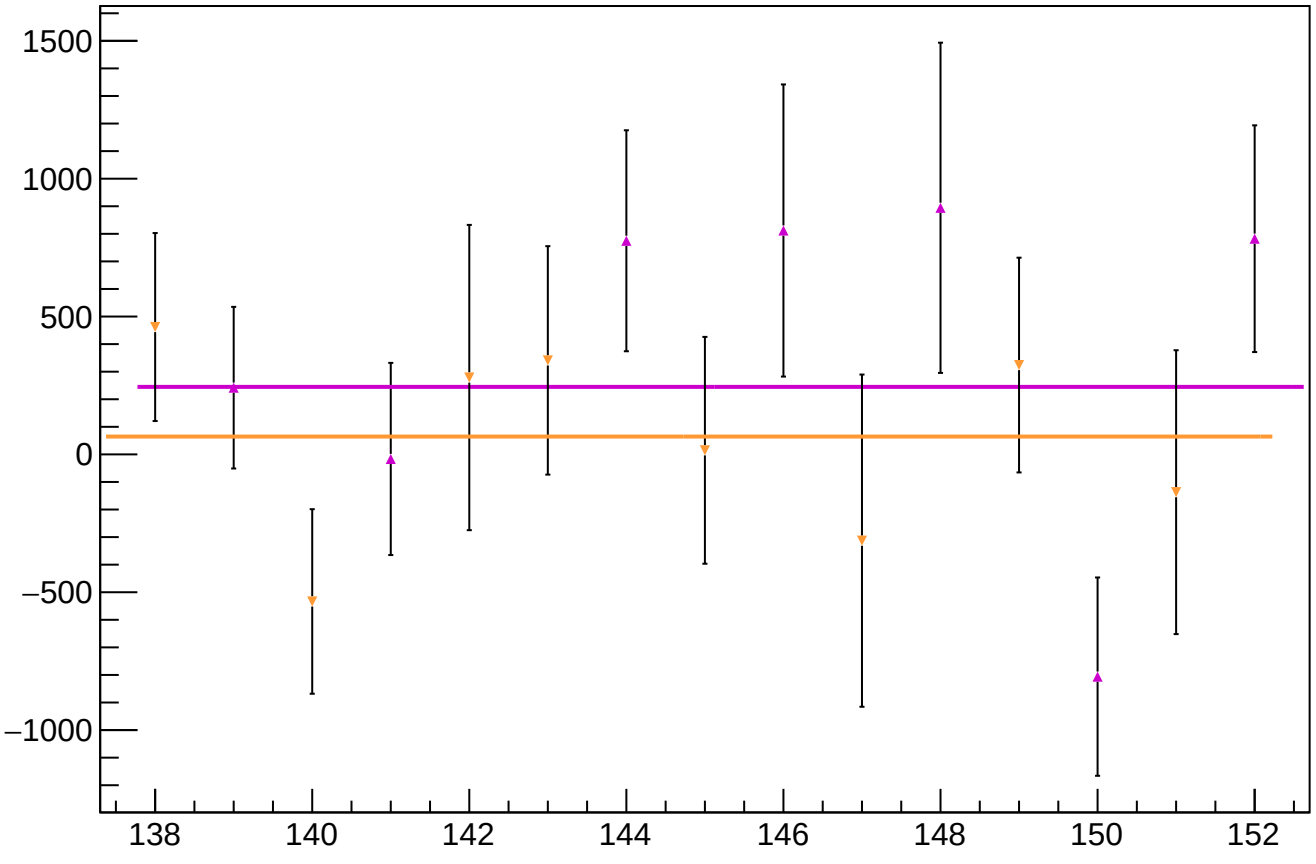
Left In: 85.745+/-0.025 χ^2/NDF:41620.8/6

+ sign 83.142+/-0.017 χ^2/NDF: 1123529.8/24

All: 85.199+/-0.012 χ^2/NDF: 2764116.3/50

- sign 87.450+/-0.018 χ^2/NDF: 1609998.4/25

asym_sam1_correction_mean vs Slug



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

Left Out: 64.676+/-148.011 χ^2/NDF:6.2/7

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

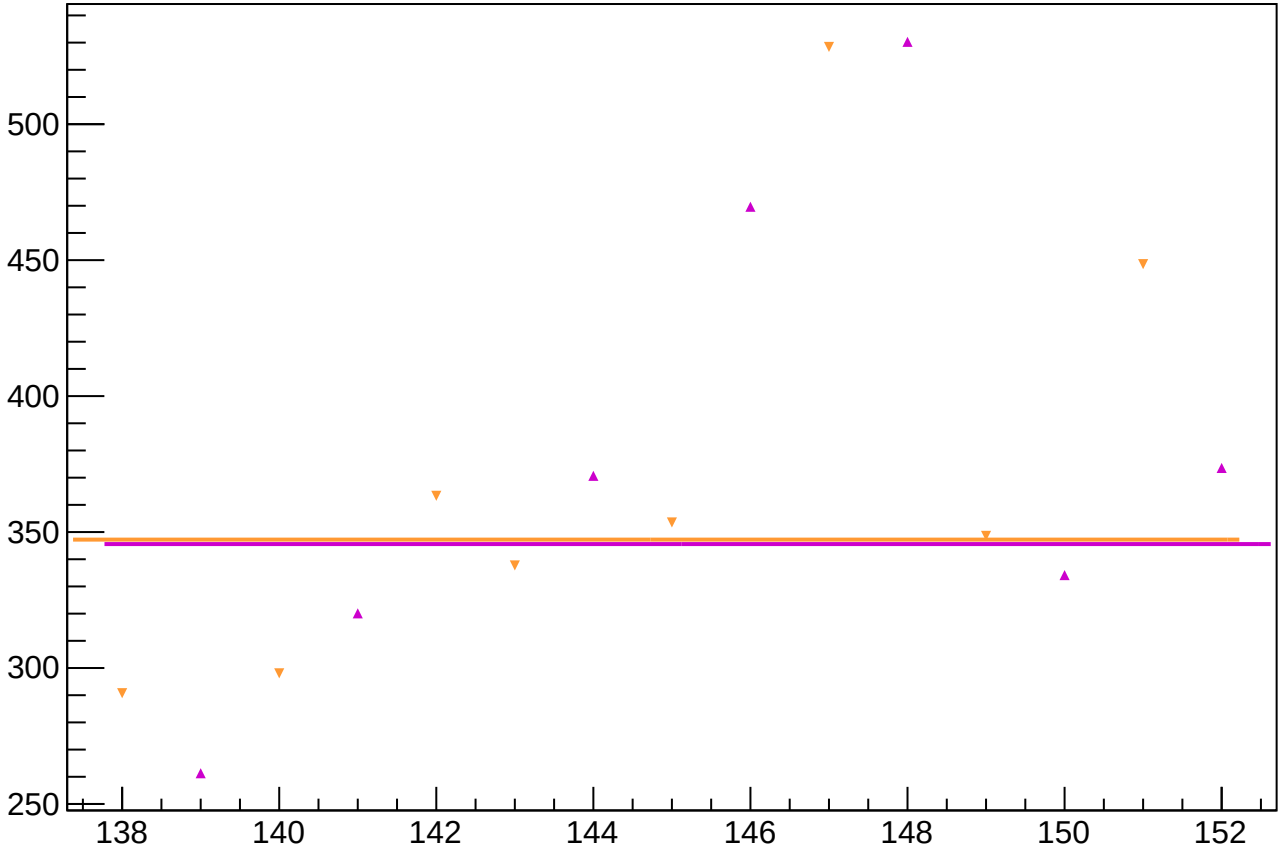
Left In: 244.866+/-147.295 χ^2/NDF:14.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 155.207+/-104.405 χ^2/NDF: 21.8/14

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam1_correction_rms vs Slug



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

Left Out: 347.222+/-0.105 χ^2/NDF:359618.2/7

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

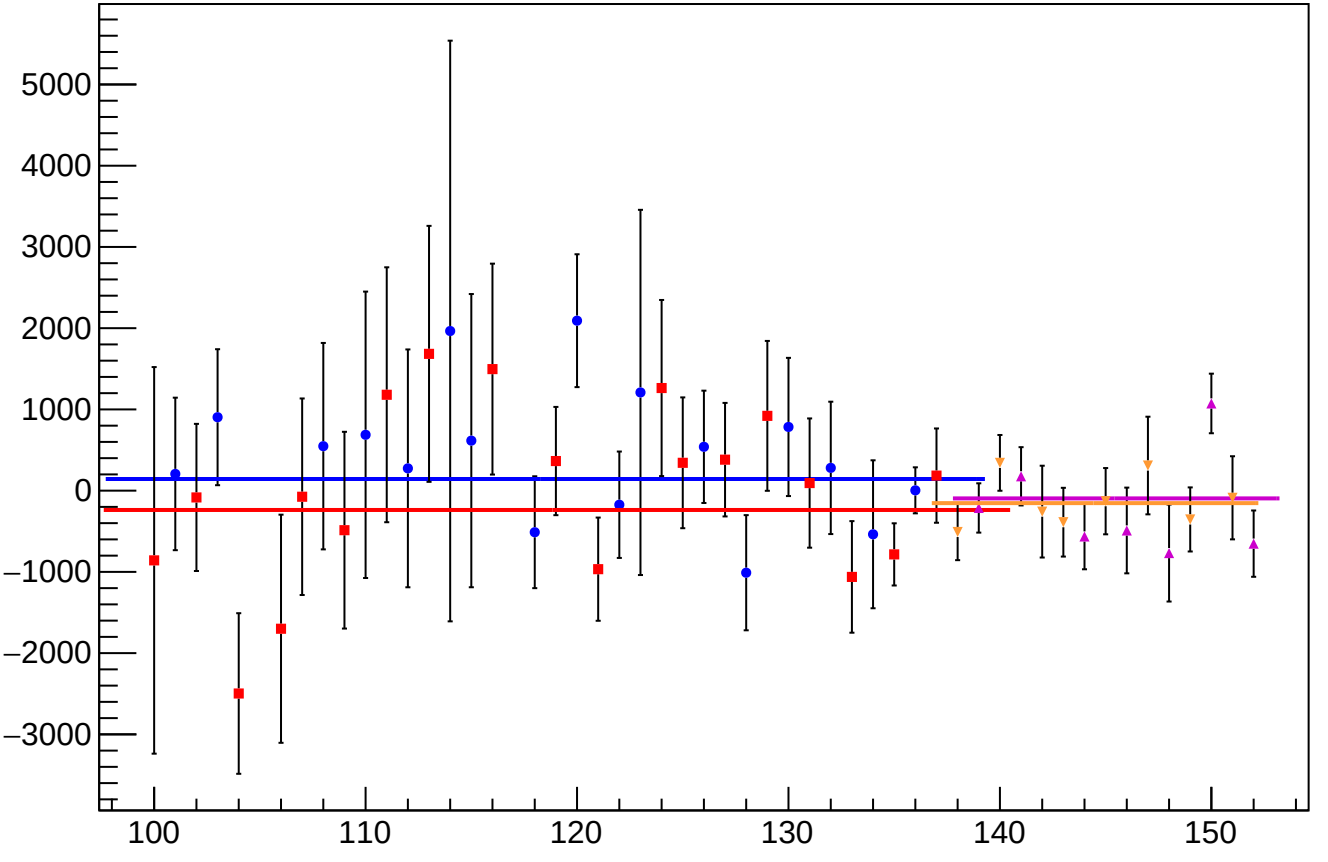
Left In: 345.581+/-0.104 χ^2/NDF:495026.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 346.398+/-0.074 χ^2/NDF: 854767.8/14

- 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: -153.504+/-149.842 χ^2/NDF:4.3/7

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

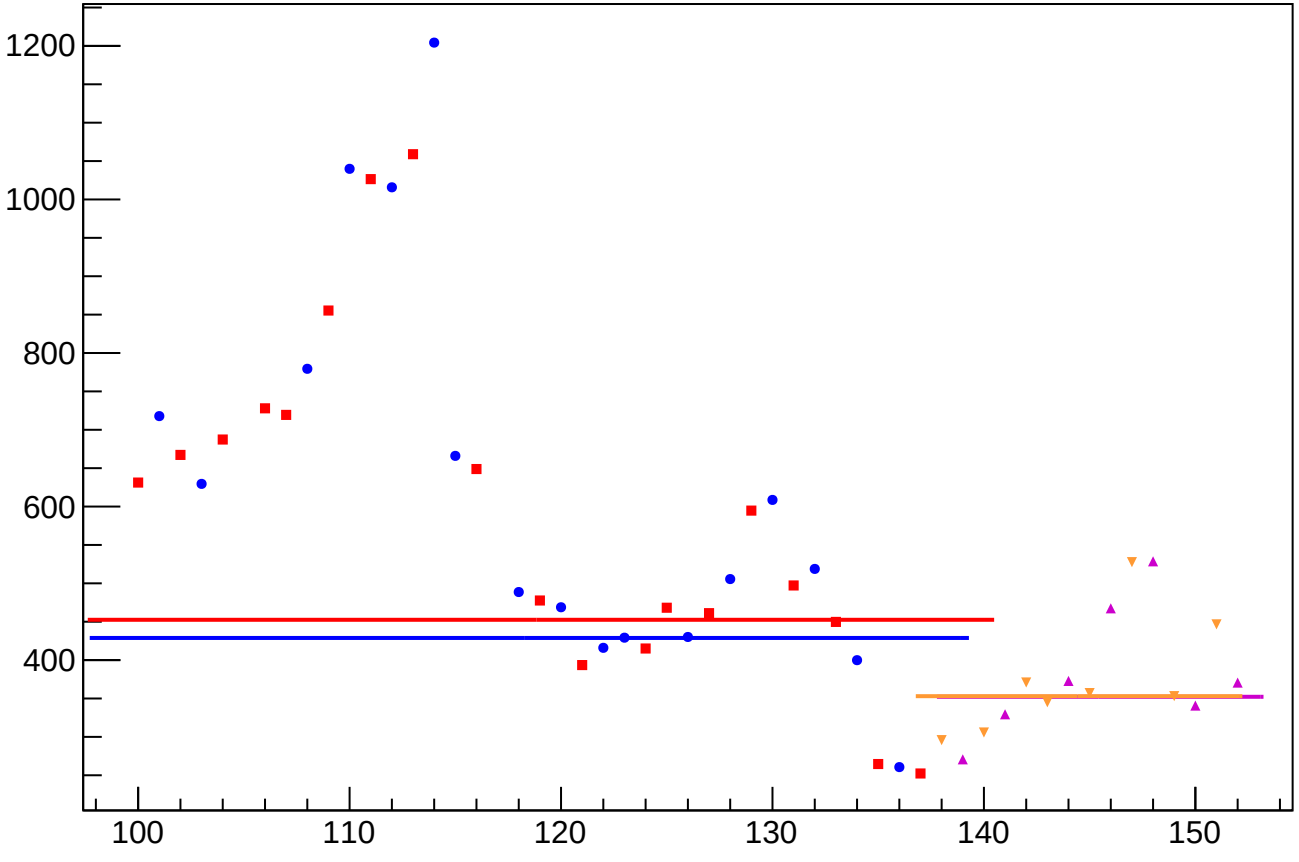
Left In: -95.354+/-149.735 χ^2/NDF:15.9/6

+ sign -31.328+/-114.961 χ^2/NDF: 18.7/24

All: -91.106+/-81.702 χ^2/NDF: 57.2/50

- sign -152.115+/-116.138 χ^2/NDF: 38.0/25

asym_sam1_rms vs Slug



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

Left Out: 353.015+/-0.106 χ^2/NDF:330925.0/7

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

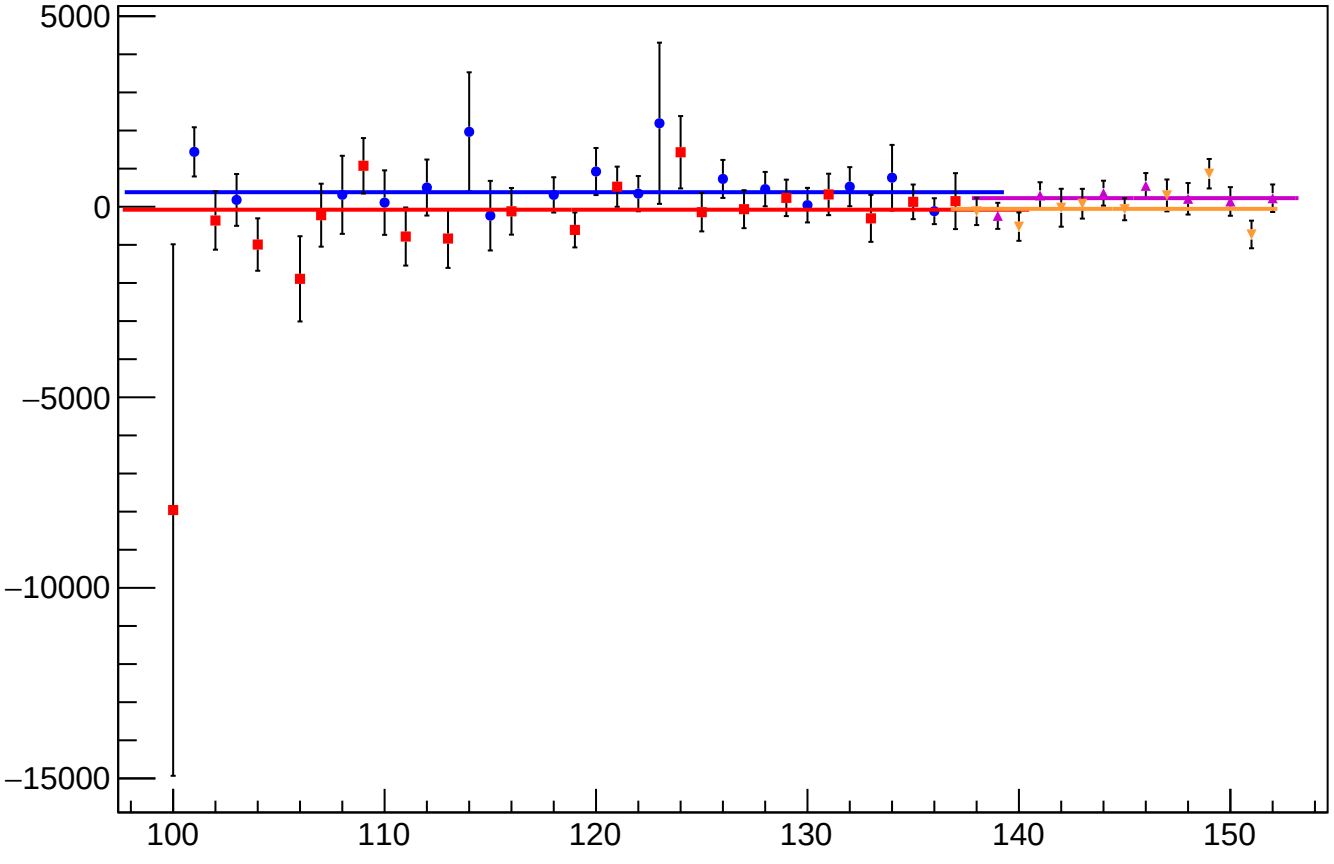
Left In: 352.227+/-0.106 χ^2/NDF:433747.2/6

+ sign 384.214+/-0.081 χ^2/NDF: 2554029.8/24

All: 388.159+/-0.058 χ^2/NDF: 5389237.3/50

- sign 392.184+/-0.082 χ^2/NDF: 2830450.4/25

dit_asym_sam2_mean vs Slug



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

Left Out: -54.773+/-131.727 χ^2/NDF:11.6/7

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

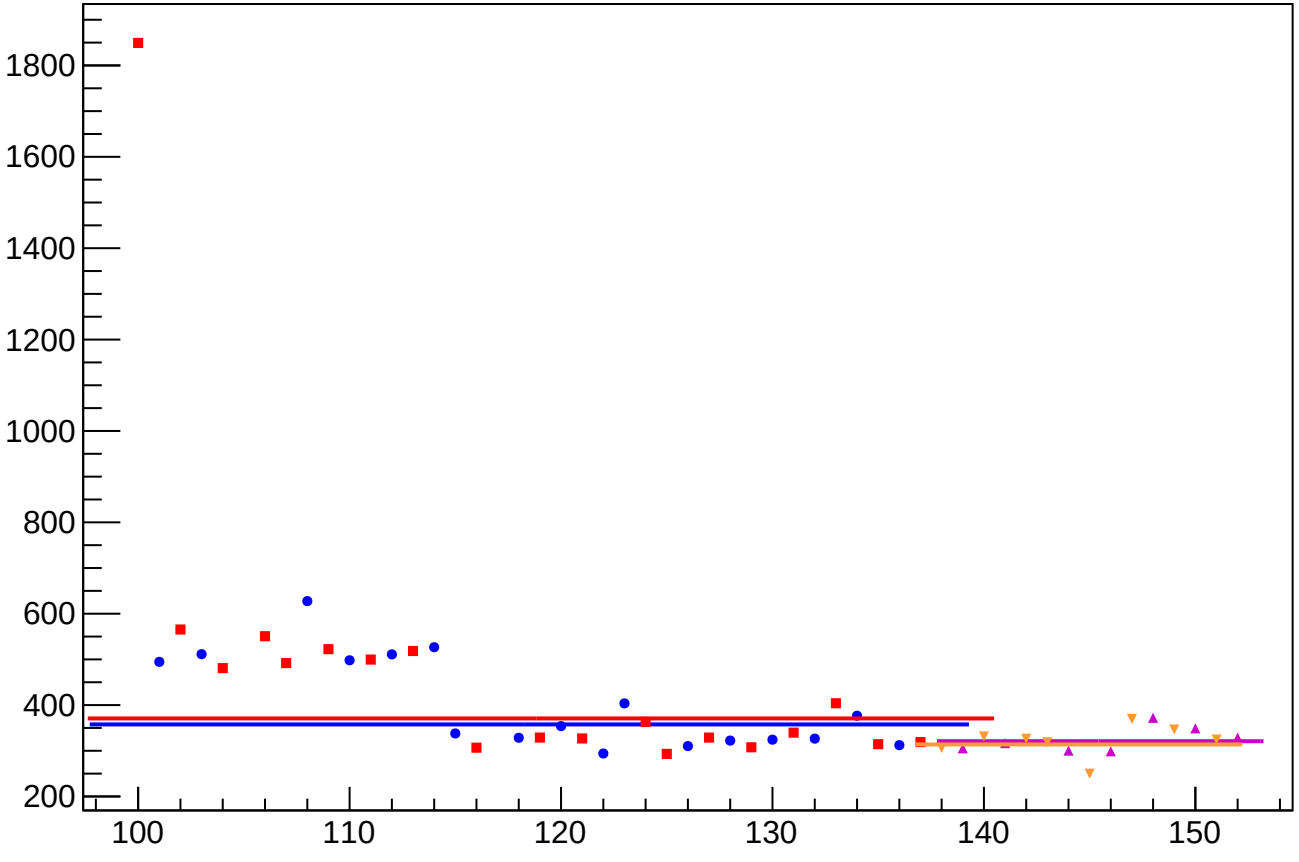
Left In: 225.990+/-133.858 χ^2/NDF:3.0/6

+ sign 148.434+/-96.318 χ^2/NDF: 26.1/24

All: 117.105+/-68.650 χ^2/NDF: 48.5/50

- sign 84.755+/-97.873 χ^2/NDF: 22.2/25

dit_asym_sam2_rms vs Slug



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

Left Out: 313.875+/-0.093 χ^2/NDF:156537.2/7

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

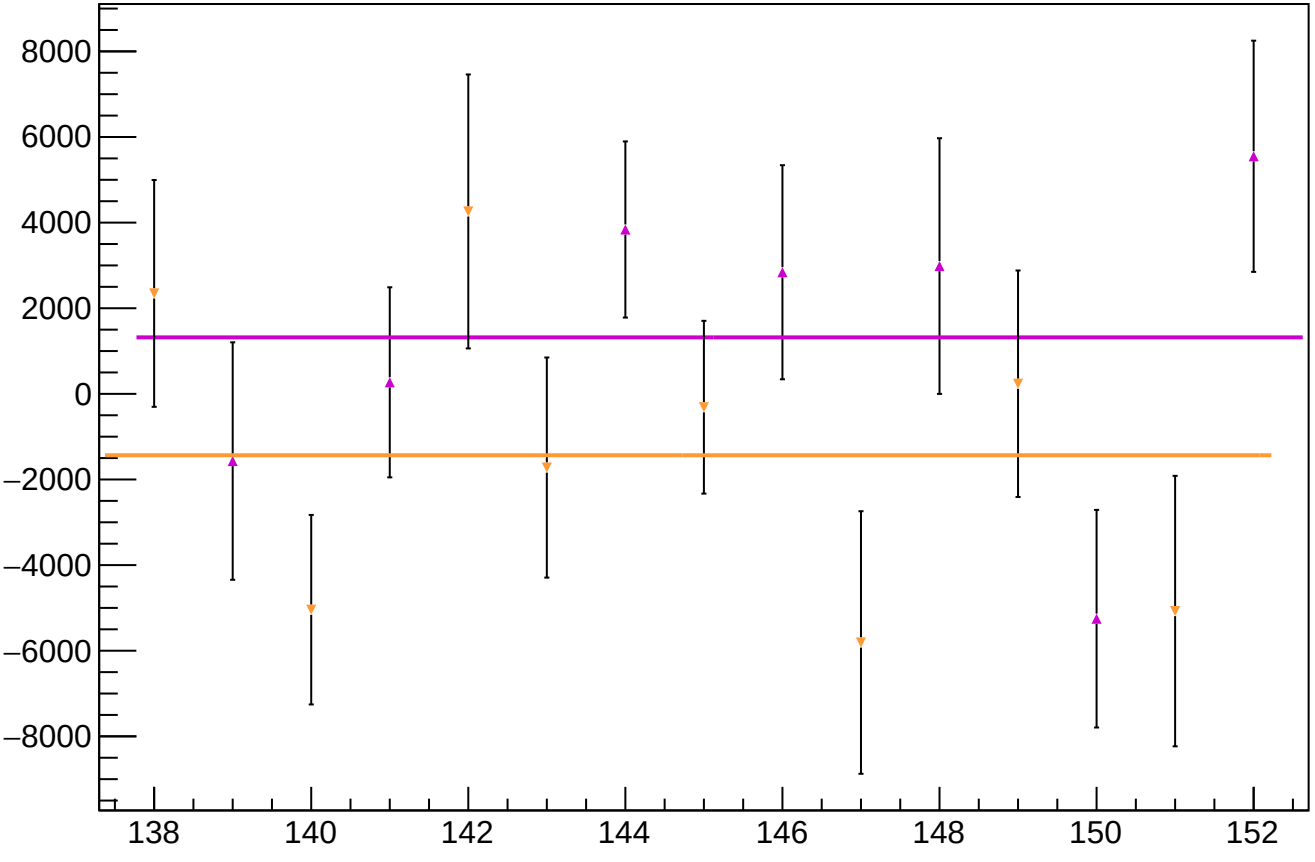
Left In: 320.959+/-0.095 χ^2/NDF:63911.7/6

+ sign 334.253+/-0.068 χ^2/NDF: 889061.1/24

All: 339.123+/-0.049 χ^2/NDF: 1877161.0/50

- sign 344.152+/-0.069 χ^2/NDF: 977706.5/25

asym_sam2_correction_mean vs Slug



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

Left Out: -1434.147+/-916.483 χ^2/NDF:11.9/7

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

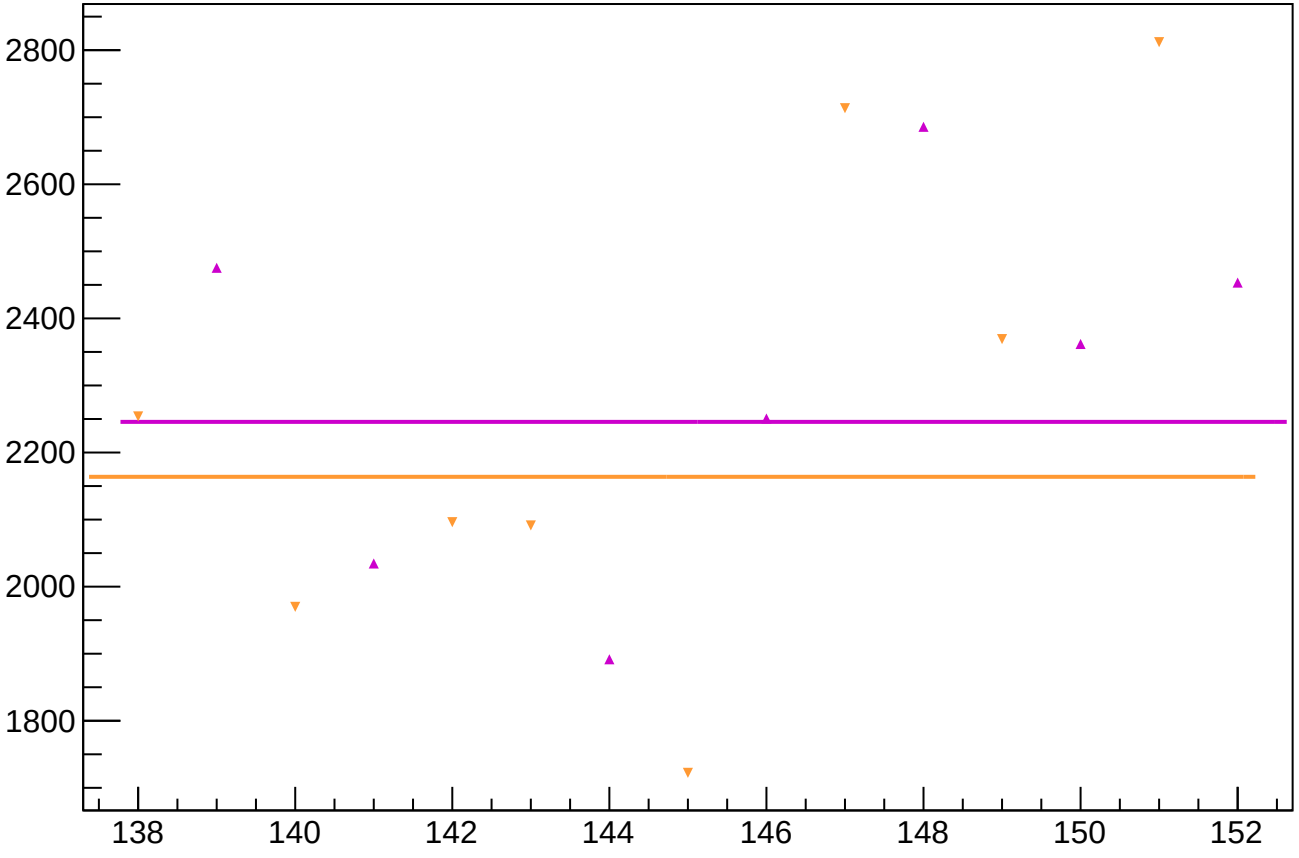
Left In: 1319.255+/-939.363 χ^2/NDF:12.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -91.386+/-655.991 χ^2/NDF: 29.0/14

- 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: 2163.789+/-0.648 χ^2/NDF:276338.3/7

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

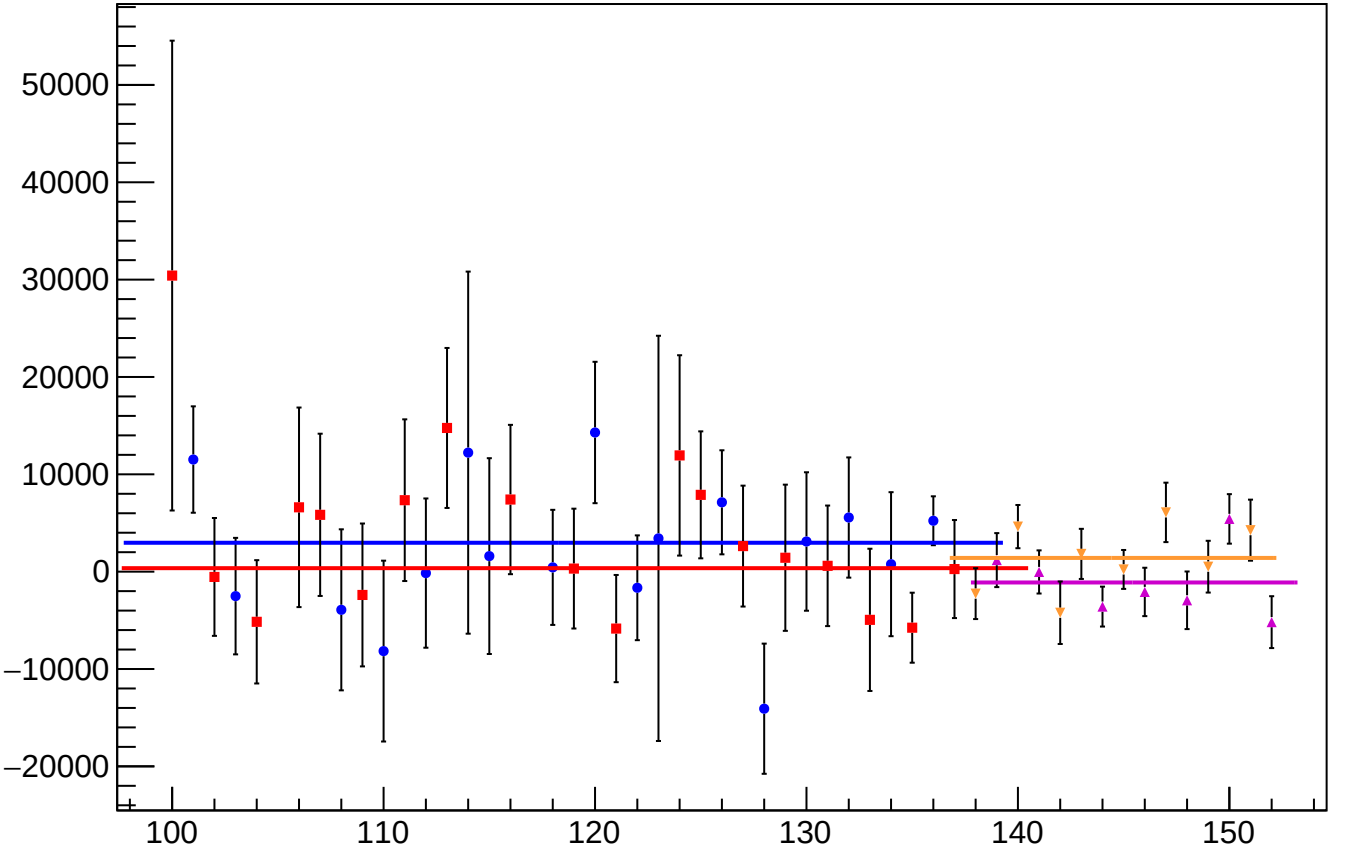
Left In: 2245.712+/-0.664 χ^2/NDF:150484.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2203.741+/-0.464 χ^2/NDF: 434616.5/14

- 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: 1411.125+/-913.615 χ^2/NDF:10.8/7

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

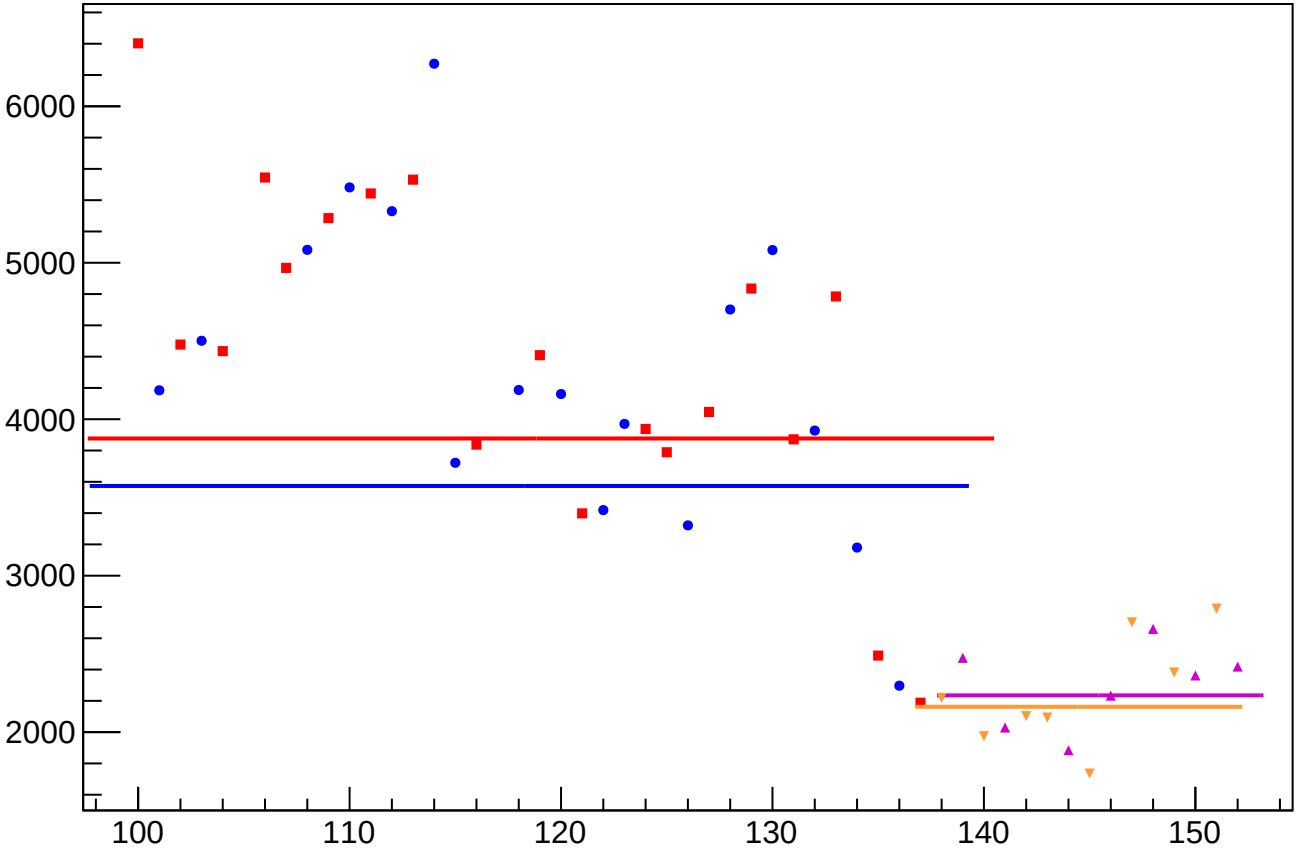
Left In: -1111.459+/-935.244 χ^2/NDF:11.9/6

+ sign 1858.061+/-771.523 χ^2/NDF: 29.0/24

All: 615.503+/-553.549 χ^2/NDF: 62.3/50

- sign -702.705+/-794.663 χ^2/NDF: 27.9/25

asym_sam2_rms vs Slug



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

Left Out: 2161.808+/-0.646 χ^2/NDF:264753.6/7

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

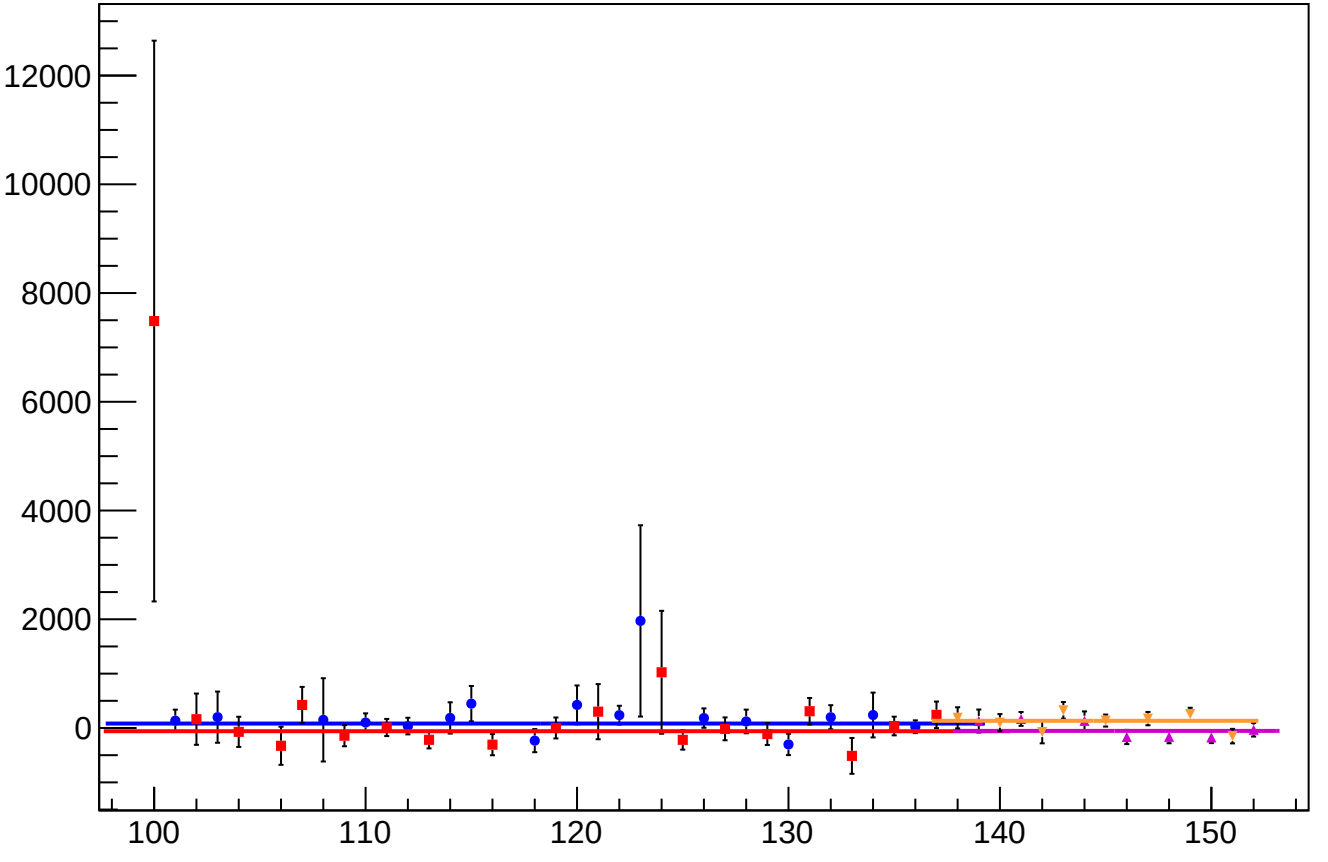
Left In: 2235.002+/-0.661 χ^2/NDF:146412.5/6

+ sign 2566.765+/-0.546 χ^2/NDF: 2723239.9/24

All: 2627.297+/-0.391 χ^2/NDF: 5597317.3/50

- sign 2691.514+/-0.562 χ^2/NDF: 2848705.7/25

dit_asym_sam3_mean vs Slug



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

Left Out: 132.271+/-49.293 χ^2/NDF:8.4/7

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

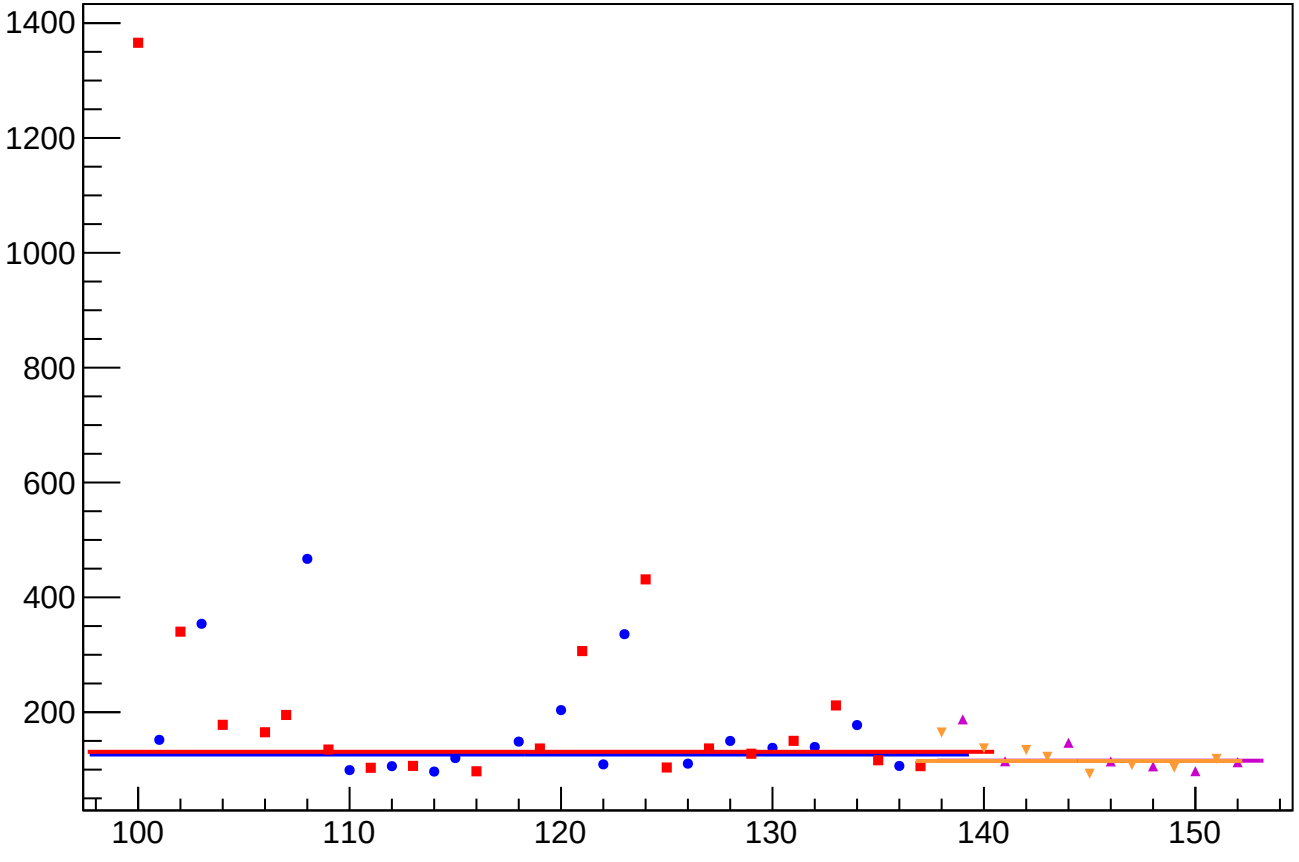
Left In: -53.095+/-49.878 χ^2/NDF:7.8/6

+ sign 108.362+/-35.744 χ^2/NDF: 20.4/24

All: 27.689+/-25.495 χ^2/NDF: 55.0/50

- sign -55.863+/-36.376 χ^2/NDF: 24.2/25

dit_asym_sam3_rms vs Slug



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

Left Out: 115.075+/-0.035 χ^2/NDF:299206.4/7

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

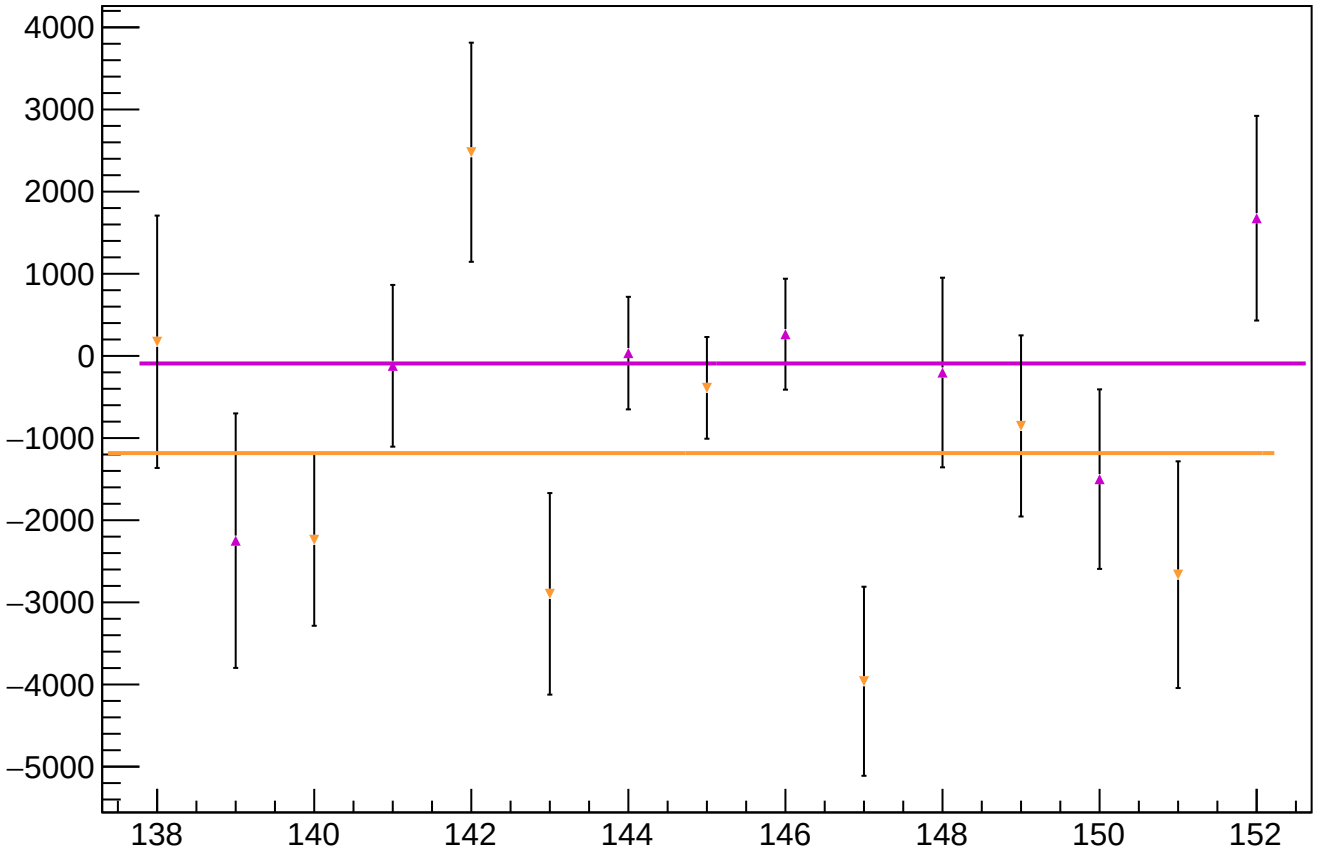
Left In: 115.548+/-0.035 χ^2/NDF:371858.3/6

+ sign 120.416+/-0.025 χ^2/NDF: 1659318.5/24

All: 121.580+/-0.018 χ^2/NDF: 3554689.9/50

- sign 122.785+/-0.026 χ^2/NDF: 1891056.4/25

asym_sam3_correction_mean vs Slug



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

Left Out: -1183.076+/-370.738 χ^2/NDF:20.0/7

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

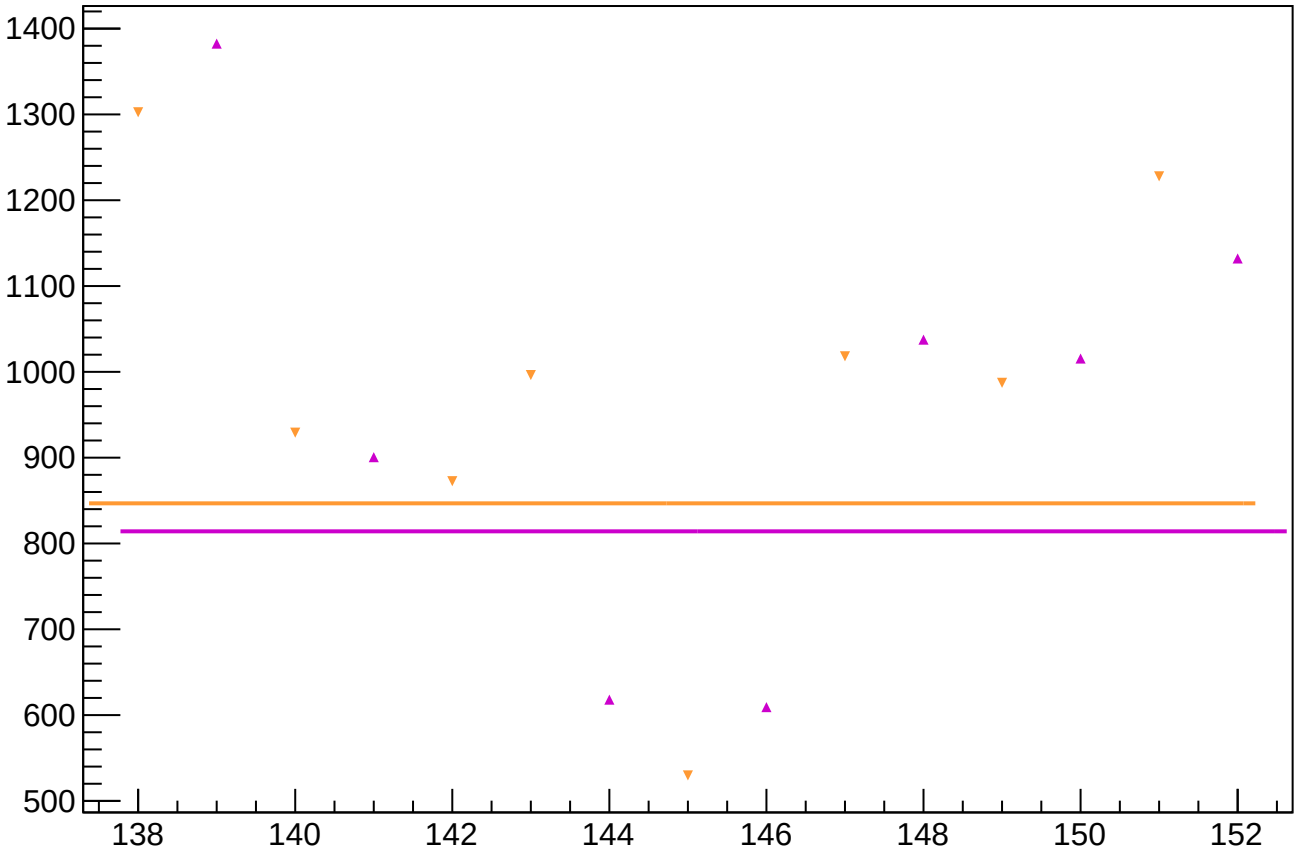
Left In: -91.806+/-353.443 χ^2/NDF:5.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -611.394+/-255.818 χ^2/NDF: 30.5/14

- 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: 846.777+/-0.262 χ^2/NDF:972745.9/7

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

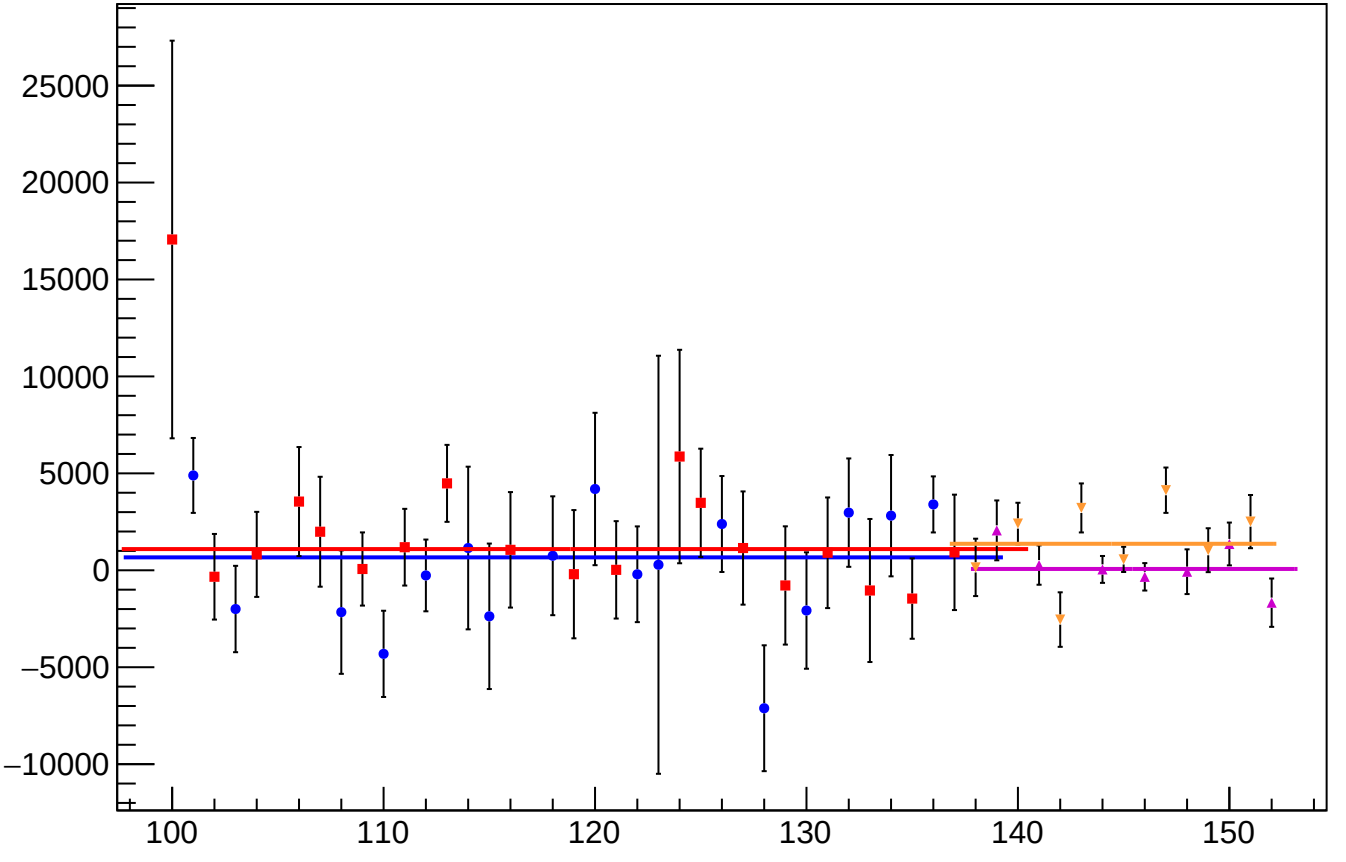
Left In: 814.148+/-0.250 χ^2/NDF:905776.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 829.683+/-0.181 χ^2/NDF: 1886637.5/14

- 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: 1366.828+/-381.651 χ^2/NDF:19.4/7

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

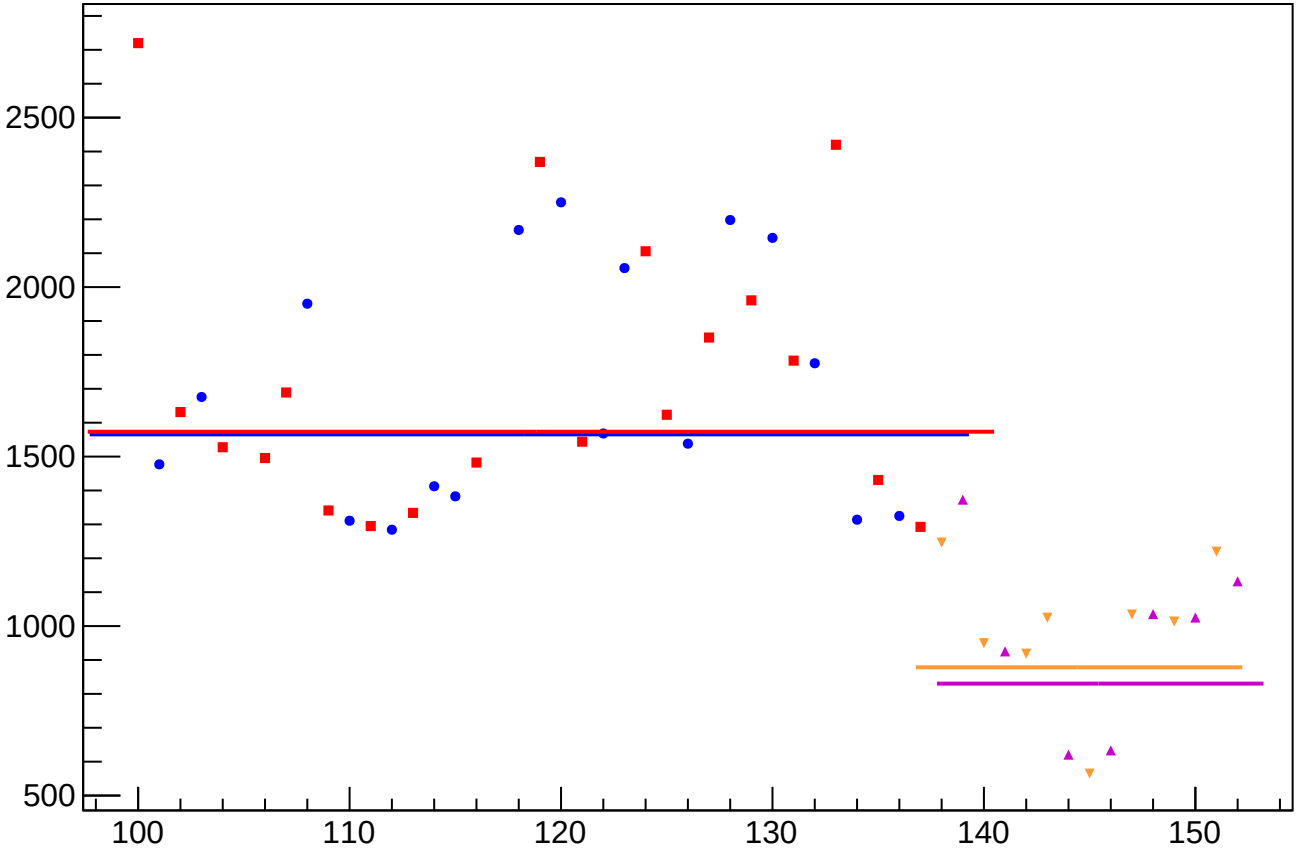
Left In: 68.779+/-360.751 χ^2/NDF:5.4/6

+ sign 1173.844+/-324.842 χ^2/NDF: 46.0/24

All: 736.447+/-224.088 χ^2/NDF: 67.9/50

- sign 339.315+/-309.530 χ^2/NDF: 18.5/25

asym_sam3_rms vs Slug



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

Left Out: 878.339+/-0.270 χ^2/NDF:814027.7/7

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

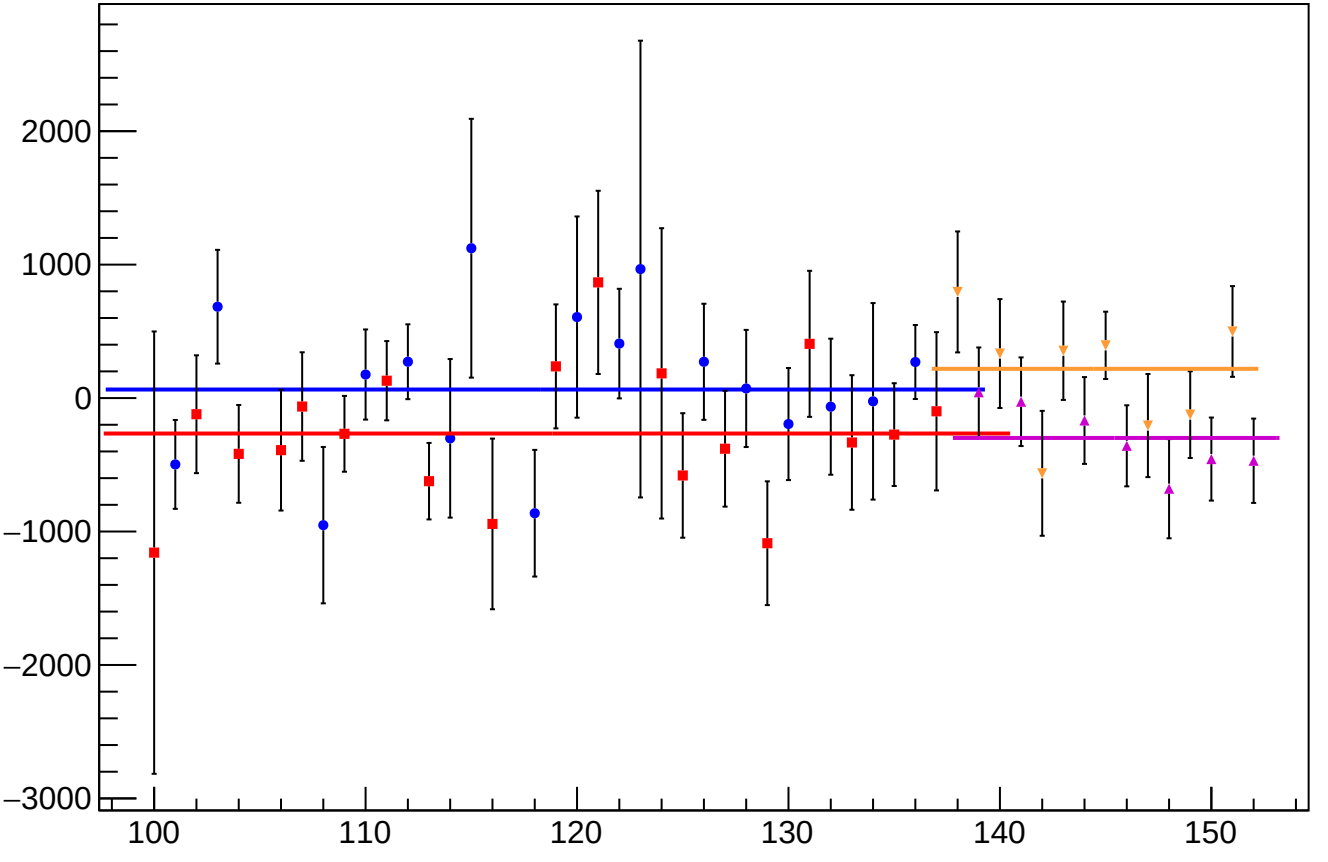
Left In: 830.228+/-0.255 χ^2/NDF:845168.5/6

+ sign 1067.716+/-0.230 χ^2/NDF: 3091958.2/24

All: 1045.995+/-0.158 χ^2/NDF: 6655176.5/50

- sign 1026.274+/-0.219 χ^2/NDF: 3546158.2/25

dit_asym_sam4_mean vs Slug



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

Left Out: 219.295+/-125.633 χ^2/NDF:8.1/7

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

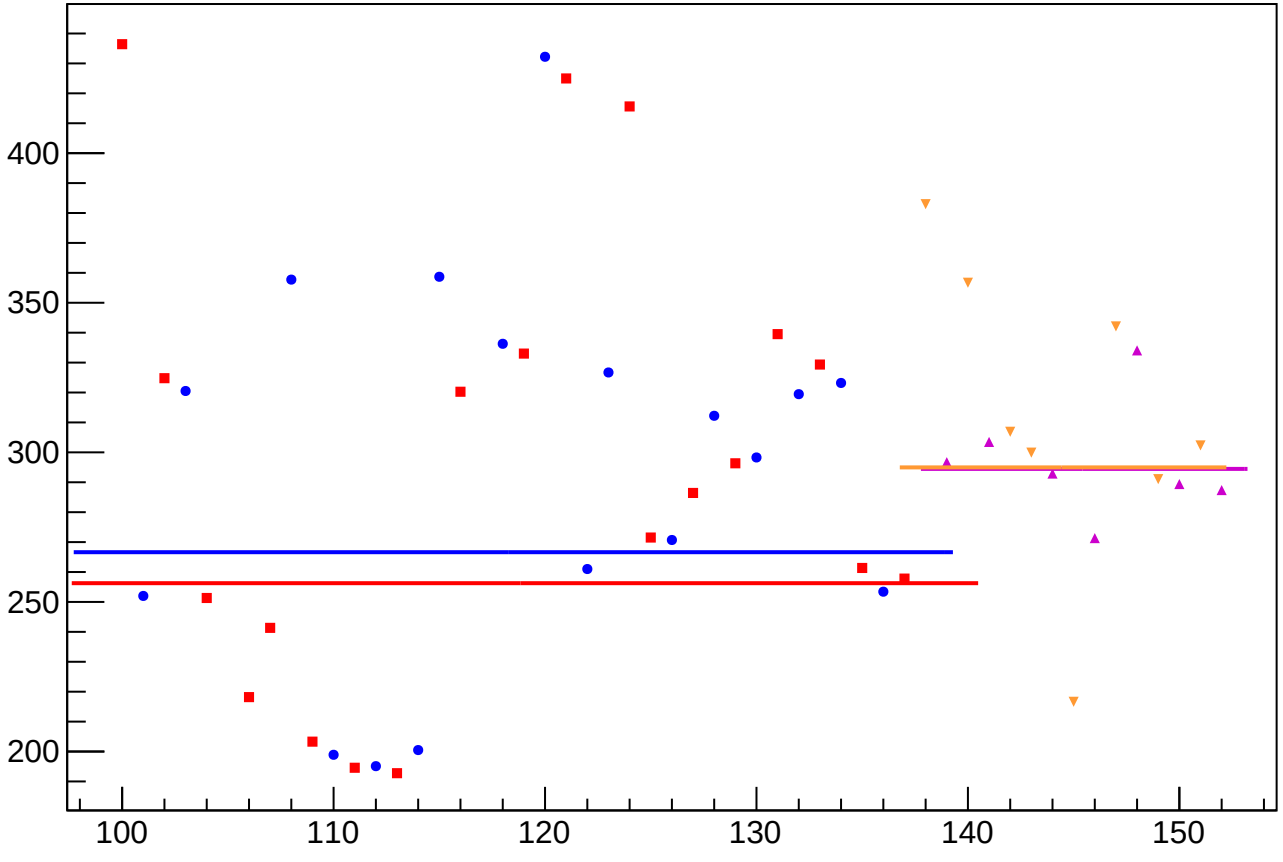
Left In: -298.859+/-123.257 χ^2/NDF:3.5/6

+ sign 128.157+/-80.718 χ^2/NDF: 25.8/24

All: -83.920+/-55.853 χ^2/NDF: 57.3/50

- sign -278.740+/-77.365 χ^2/NDF: 18.2/25

dit_asym_sam4_rms vs Slug



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 294.969+/-0.089 χ^2/NDF:346760.5/7

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

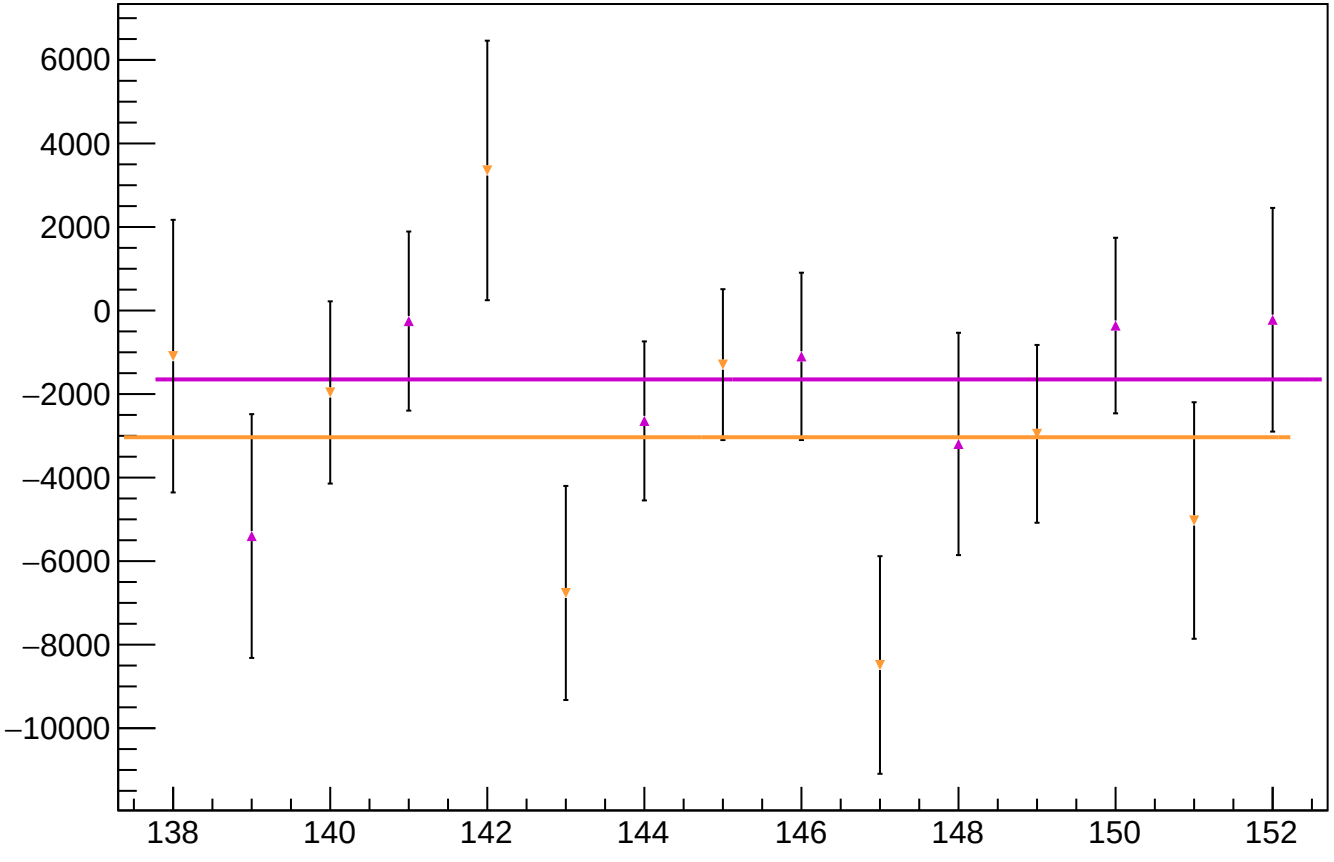
Left In: 294.469+/-0.087 χ^2/NDF:37478.6/6

+ sign 278.325+/-0.057 χ^2/NDF: 957290.7/24

All: 274.673+/-0.039 χ^2/NDF: 1815943.1/50

- sign 271.318+/-0.055 χ^2/NDF: 850798.0/25

asym_sam4_correction_mean vs Slug



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

Left Out: -3033.711+/-857.776 χ^2/NDF:12.7/7

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

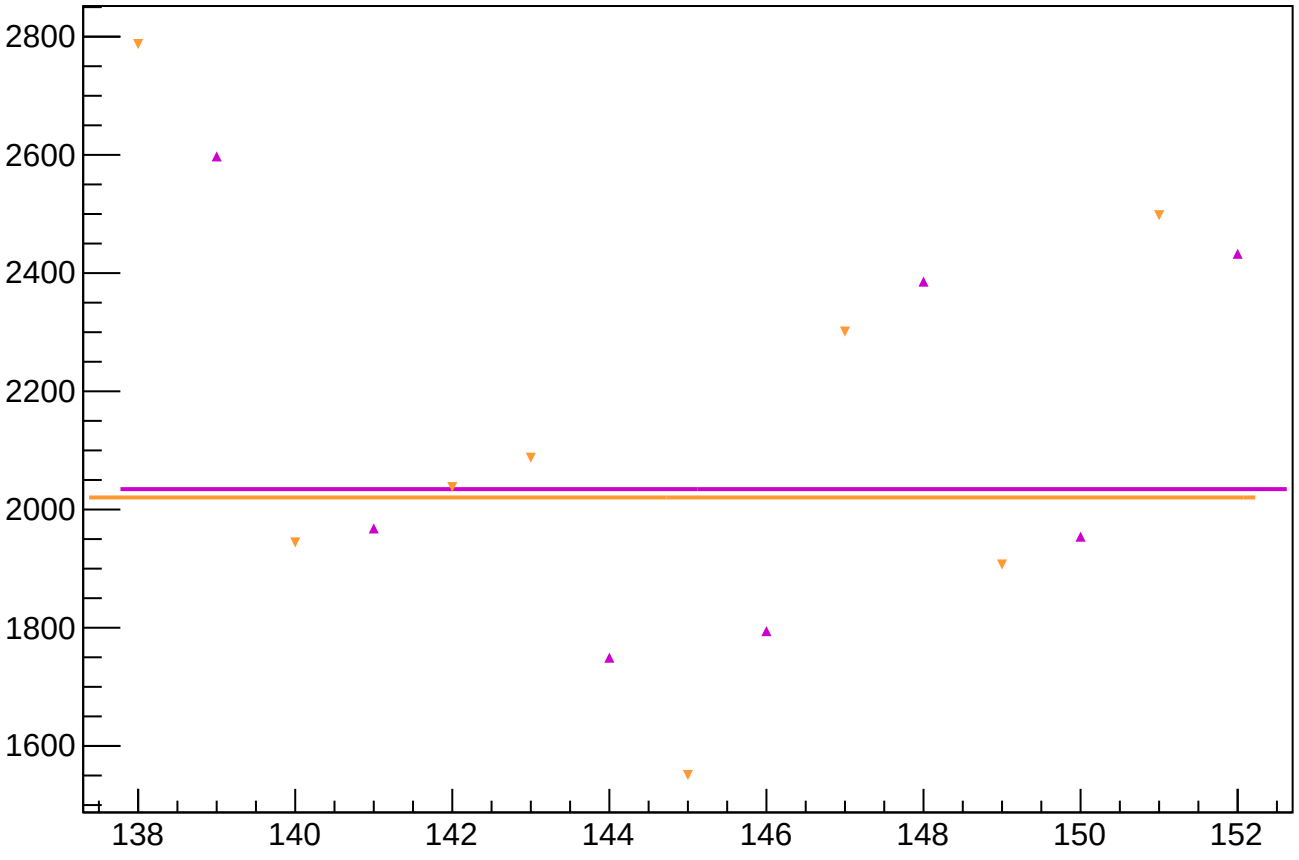
Left In: -1649.403+/-855.305 χ^2/NDF:3.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2339.560+/-605.664 χ^2/NDF: 17.5/14

- 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: 2020.411+/-0.607 χ^2/NDF:335308.4/7

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

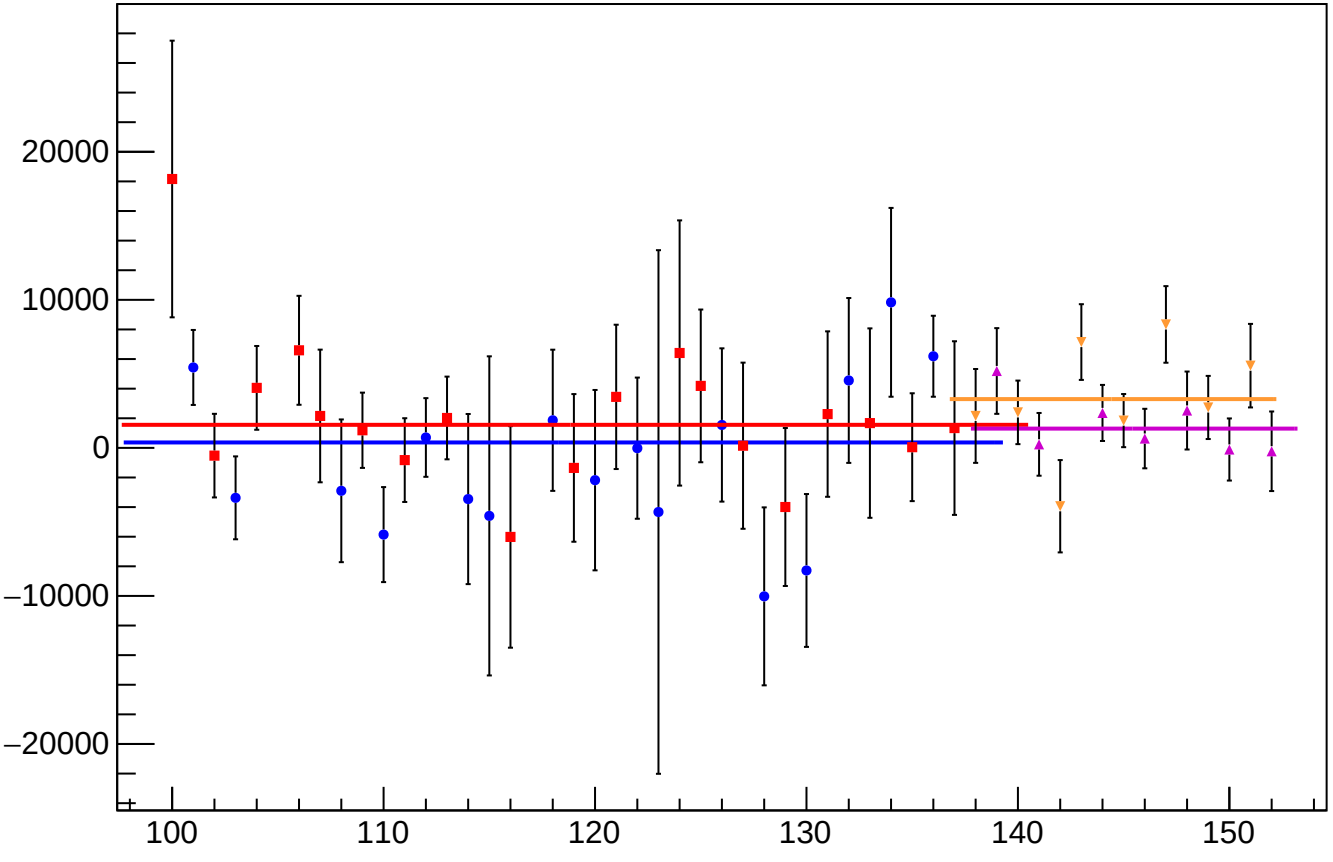
Left In: 2034.514+/-0.605 χ^2/NDF:231901.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2027.483+/-0.428 χ^2/NDF: 567481.1/14

- 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: 3295.122+/-852.010 χ^2/NDF:13.1/7

Right Out: 1557.388+/-924.003 χ^2/NDF: 10.5/18

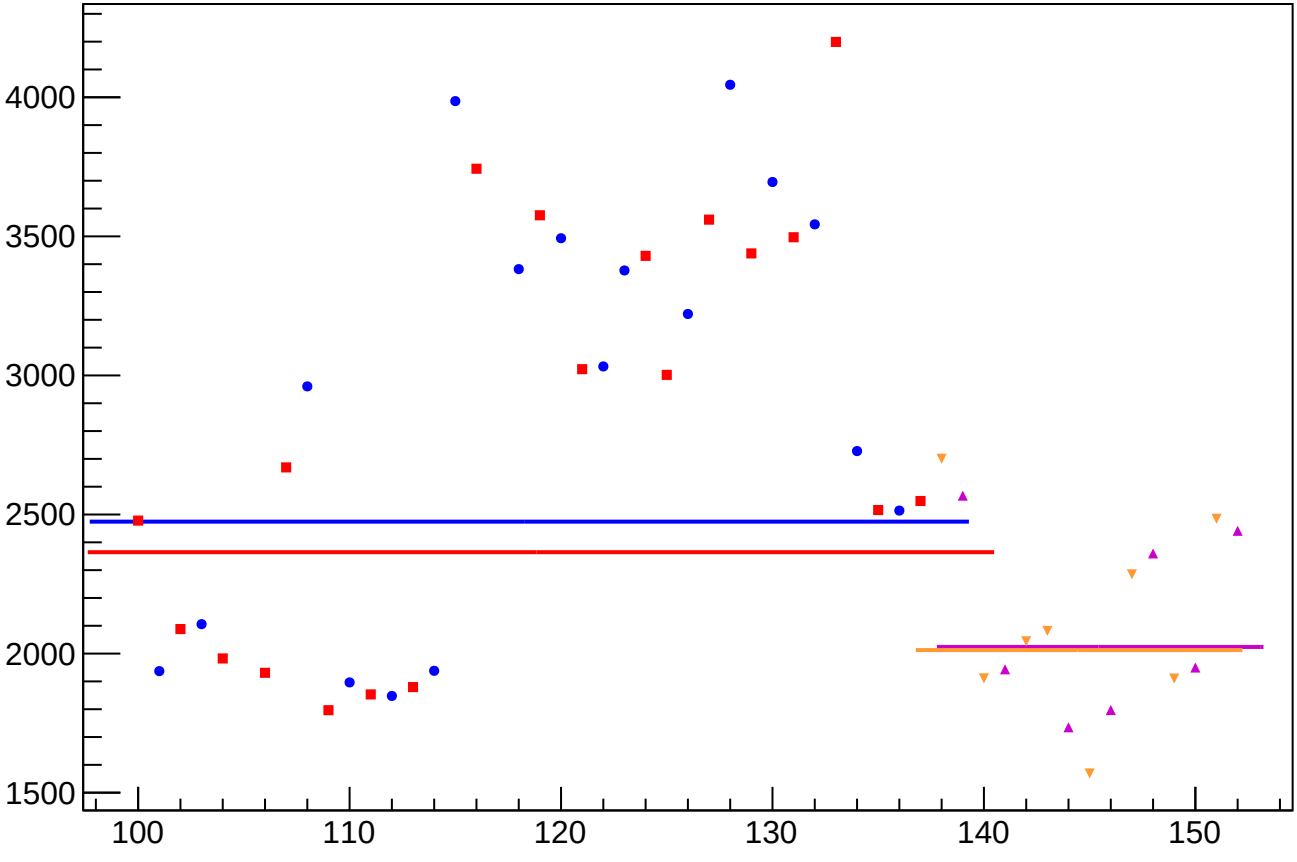
Left In: 1302.056+/-851.818 χ^2/NDF:3.5/6

+ sign 2052.539+/-646.472 χ^2/NDF: 42.3/24

All: 1725.914+/-449.820 χ^2/NDF: 56.9/50

- sign 1419.361+/-626.293 χ^2/NDF: 14.0/25

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2012.589+/-0.602 χ^2/NDF:305091.1/7

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

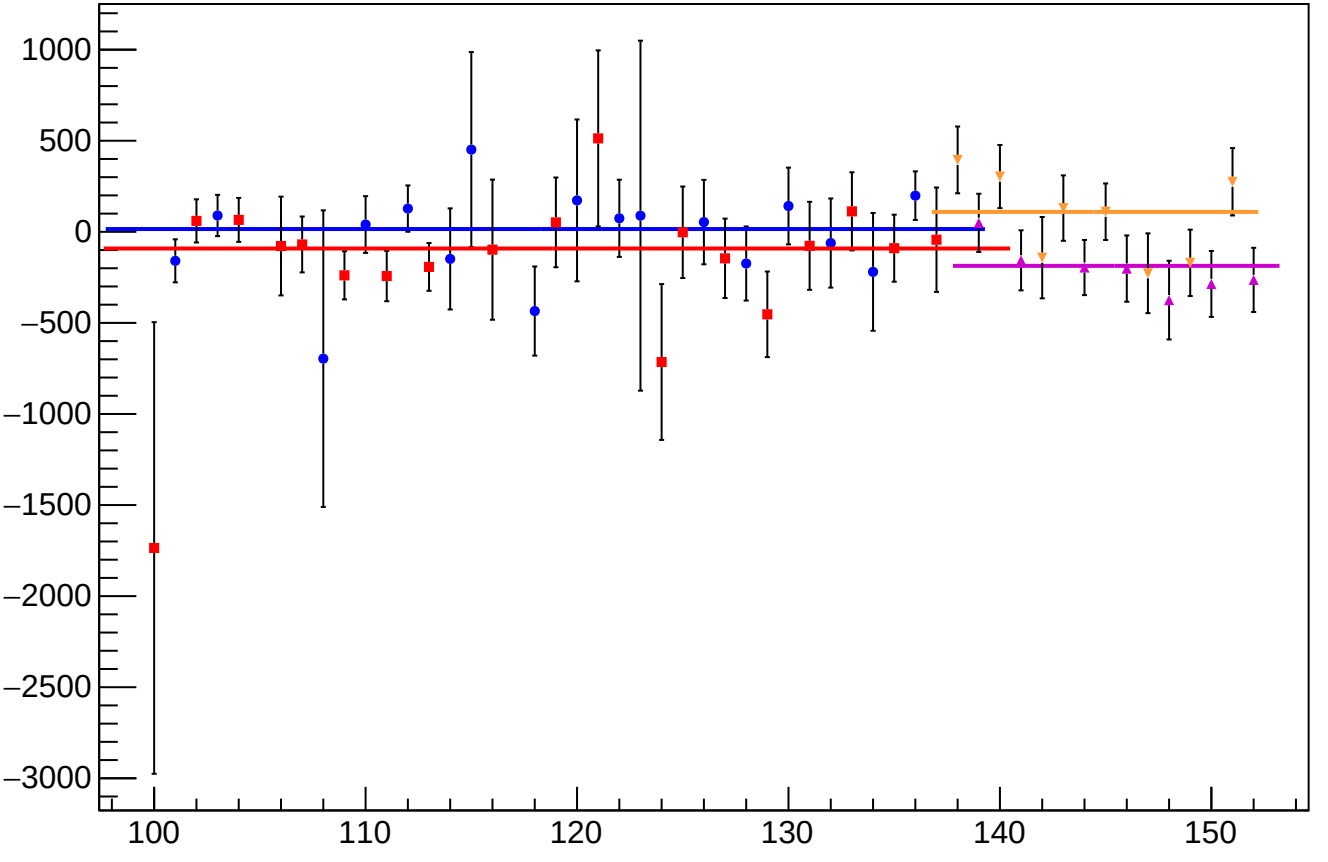
Left In: 2023.850+/-0.602 χ^2/NDF:228778.5/6

+ sign 2208.523+/-0.457 χ^2/NDF: 1460641.9/24

All: 2193.992+/-0.318 χ^2/NDF: 2861735.2/50

- sign 2180.354+/-0.443 χ^2/NDF: 1399134.6/25

dit_asym_sam5_mean vs Slug



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 109.363+/-65.127 χ^2/NDF:10.5/7

Right Out: -91.634+/-43.318 χ^2/NDF: 15.7/18

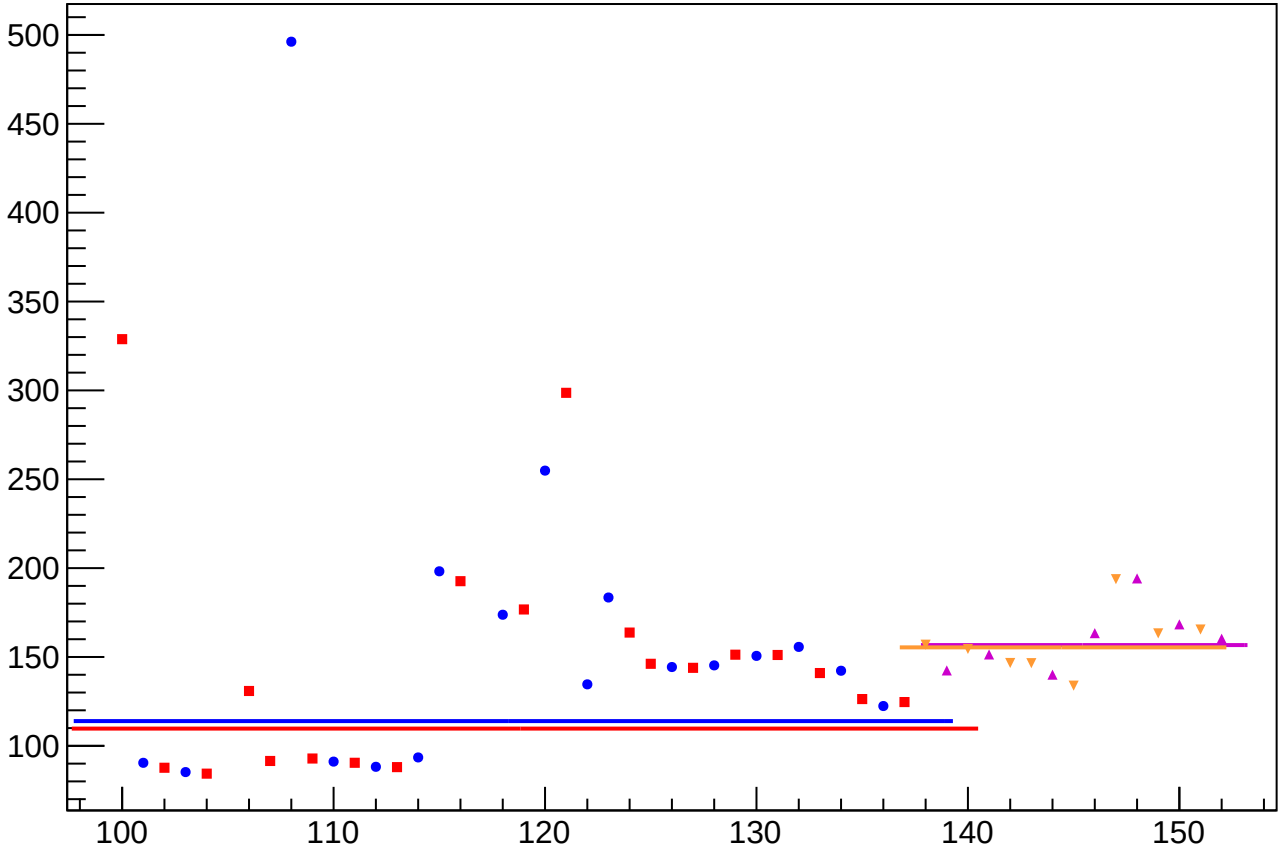
Left In: -186.923+/-65.381 χ^2/NDF:3.5/6

+ sign 47.011+/-37.813 χ^2/NDF: 24.4/24

All: -40.705+/-26.116 χ^2/NDF: 55.3/50

- sign -120.703+/-36.111 χ^2/NDF: 20.6/25

dit_asym_sam5_rms vs Slug



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 155.410+/-0.046 χ^2/NDF:117713.5/7

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

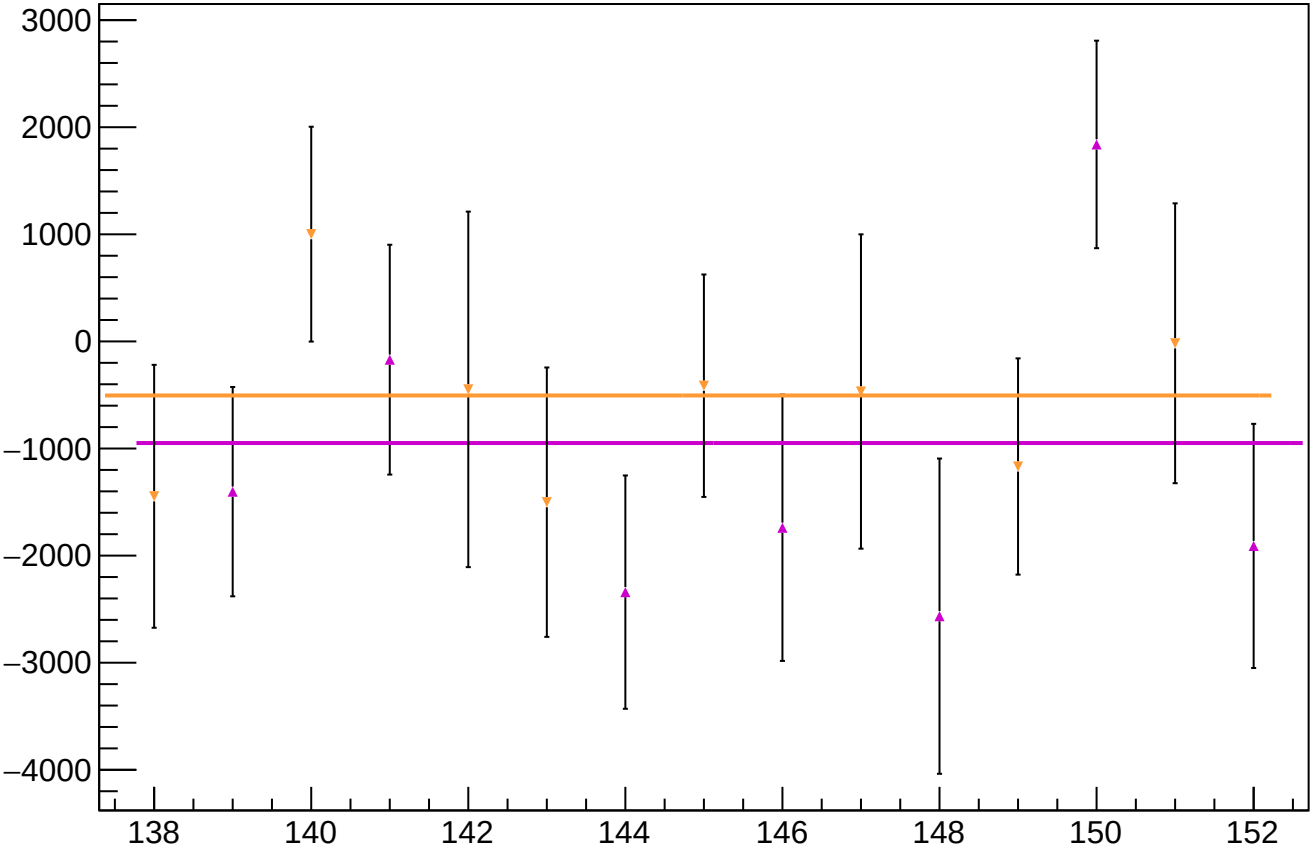
Left In: 156.703+/-0.046 χ^2/NDF:114332.0/6

+ sign 127.915+/-0.027 χ^2/NDF: 2063337.4/24

All: 125.891+/-0.018 χ^2/NDF: 4148691.4/50

- sign 124.045+/-0.026 χ^2/NDF: 2074402.9/25

asym_sam5_correction_mean vs Slug



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

Left Out: -504.772+/-422.143 χ^2/NDF:4.1/7

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

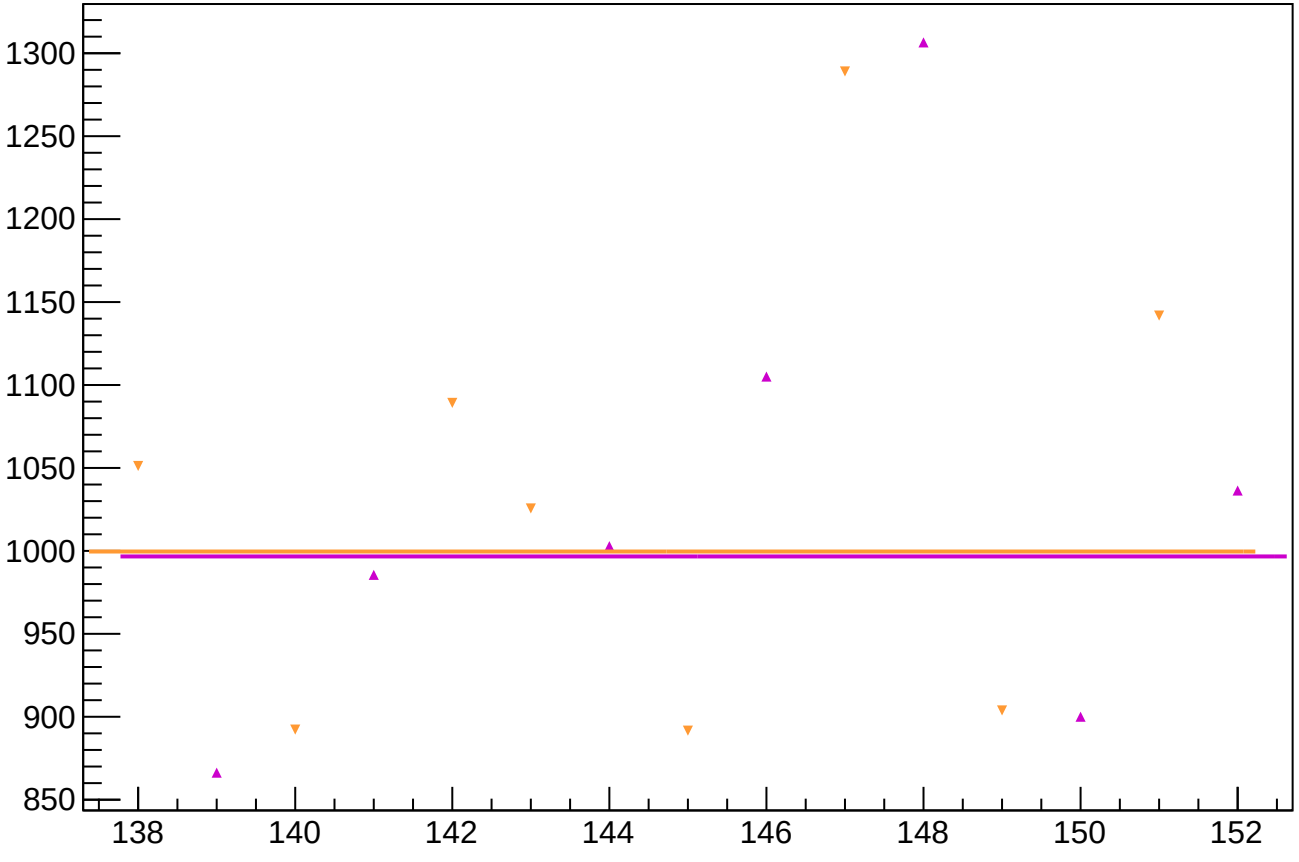
Left In: -948.738+/-418.801 χ^2/NDF:13.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -728.520+/-297.312 χ^2/NDF: 17.6/14

- 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: 999.623+/-0.299 χ^2/NDF:174237.2/7

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

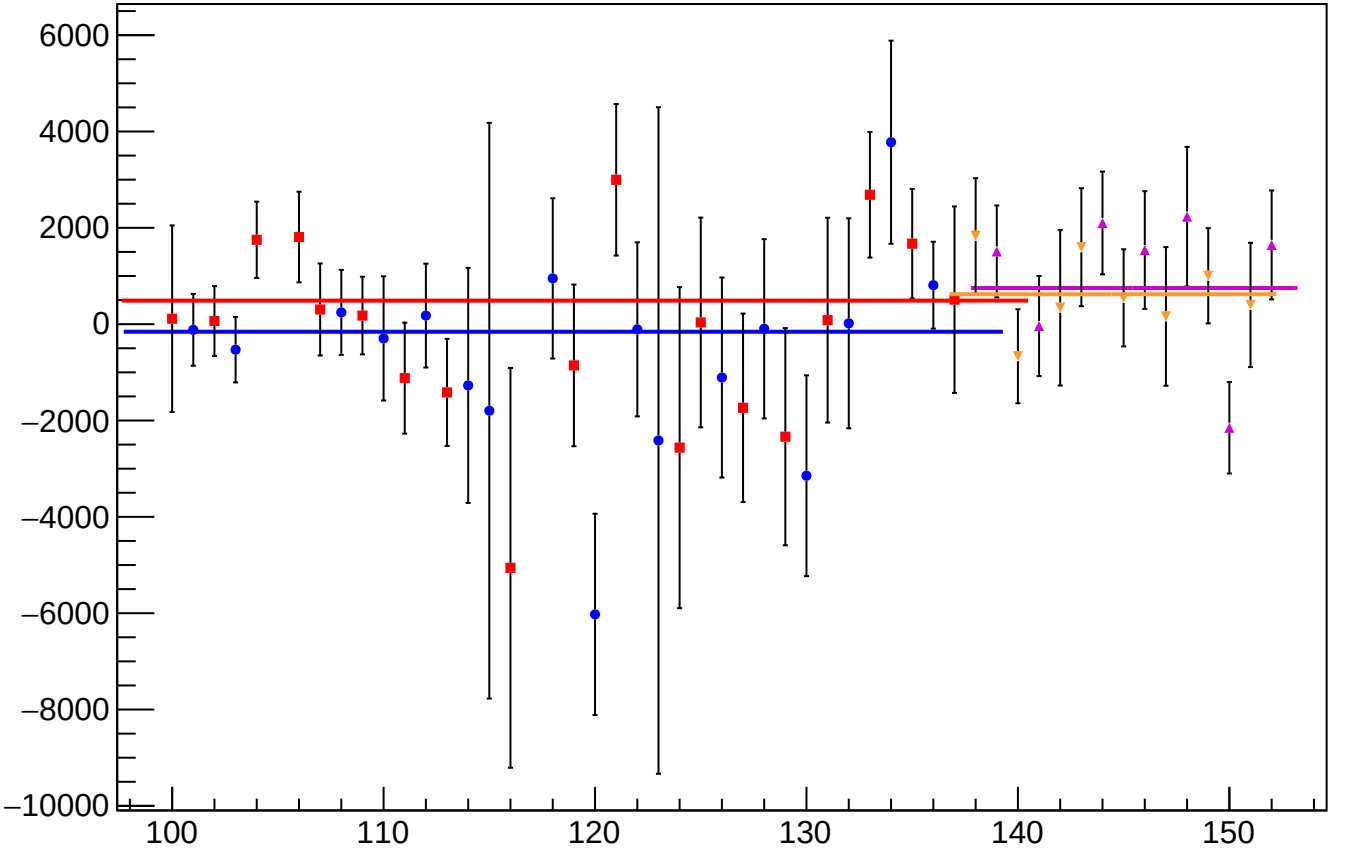
Left In: 996.655+/-0.296 χ^2/NDF:162038.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 998.128+/-0.210 χ^2/NDF: 336325.3/14

- 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: 621.921+/-412.122 χ^2/NDF:3.7/7

Right Out: 488.583+/-282.758 χ^2/NDF: 22.6/18

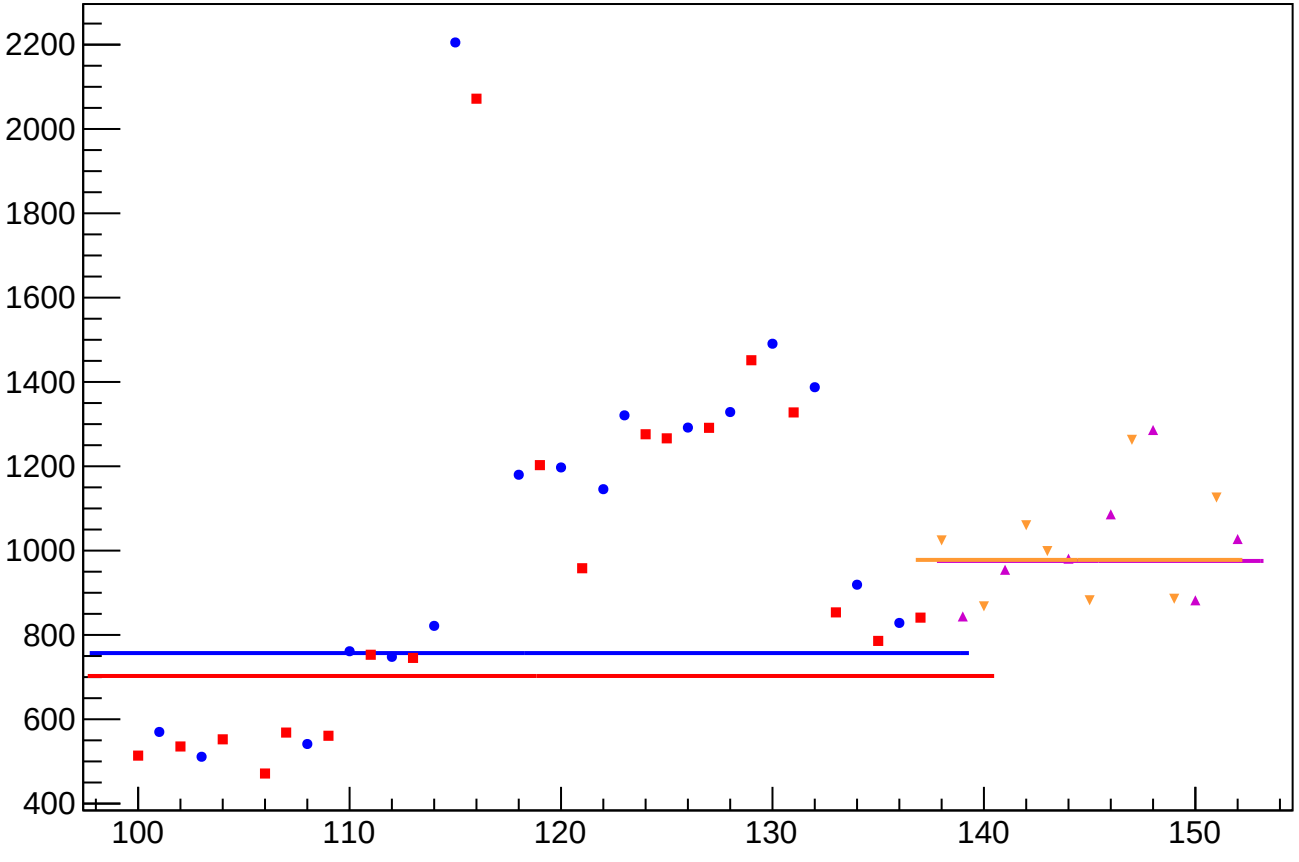
Left In: 751.919+/-410.272 χ^2/NDF:14.2/6

+ sign 127.246+/-249.008 χ^2/NDF: 22.2/24

All: 365.287+/-170.064 χ^2/NDF: 61.1/50

- sign 573.385+/-232.820 χ^2/NDF: 37.2/25

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 977.980+/-0.291 χ^2/NDF:174267.4/7

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

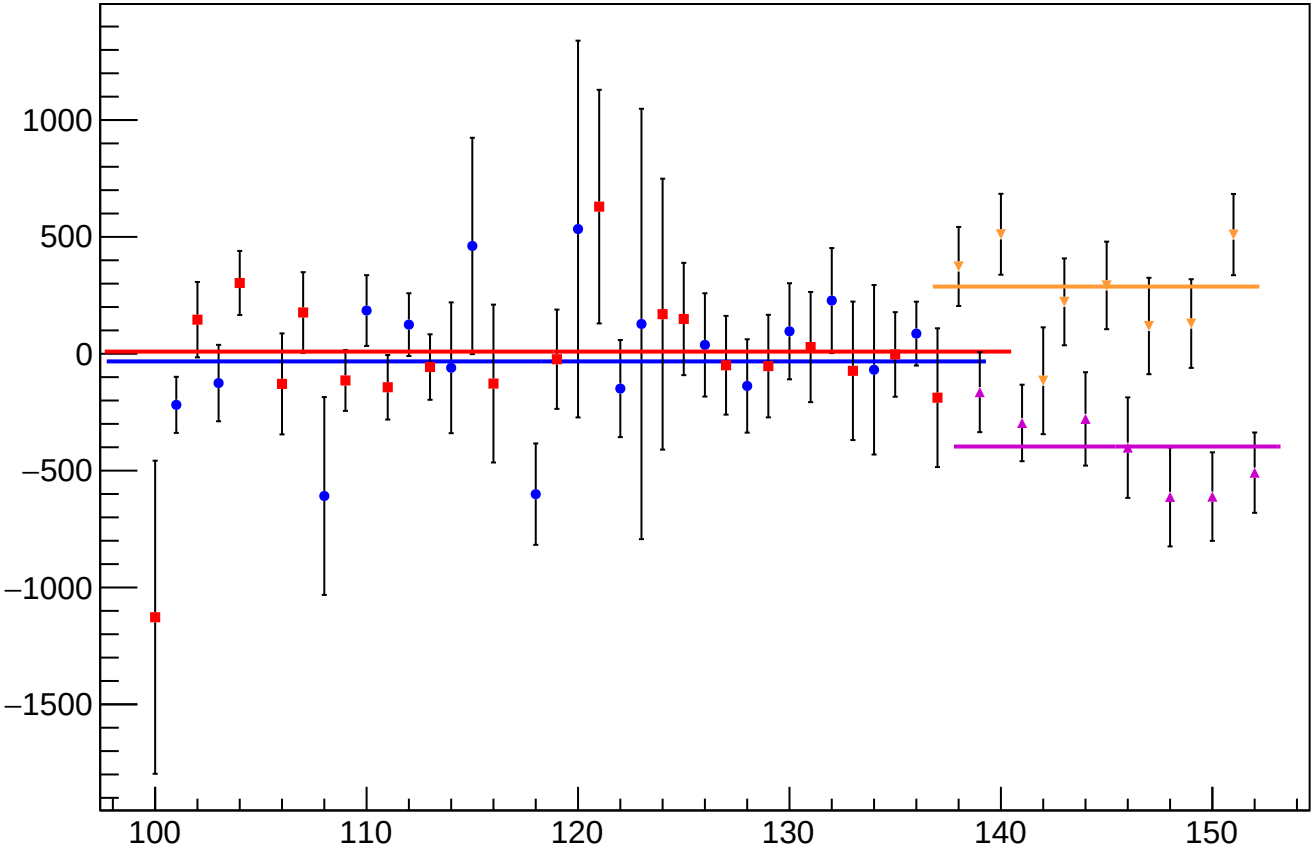
Left In: 975.501+/-0.290 χ^2/NDF:170718.7/6

+ sign 837.663+/-0.176 χ^2/NDF: 2250701.5/24

All: 812.510+/-0.120 χ^2/NDF: 4748938.5/50

- sign 790.520+/-0.165 χ^2/NDF: 2459988.2/25

dit_asym_sam6_mean vs Slug



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 287.535+/-66.029 χ^2/NDF:8.2/7

Right Out: 9.277+/-45.600 χ^2/NDF: 14.7/18

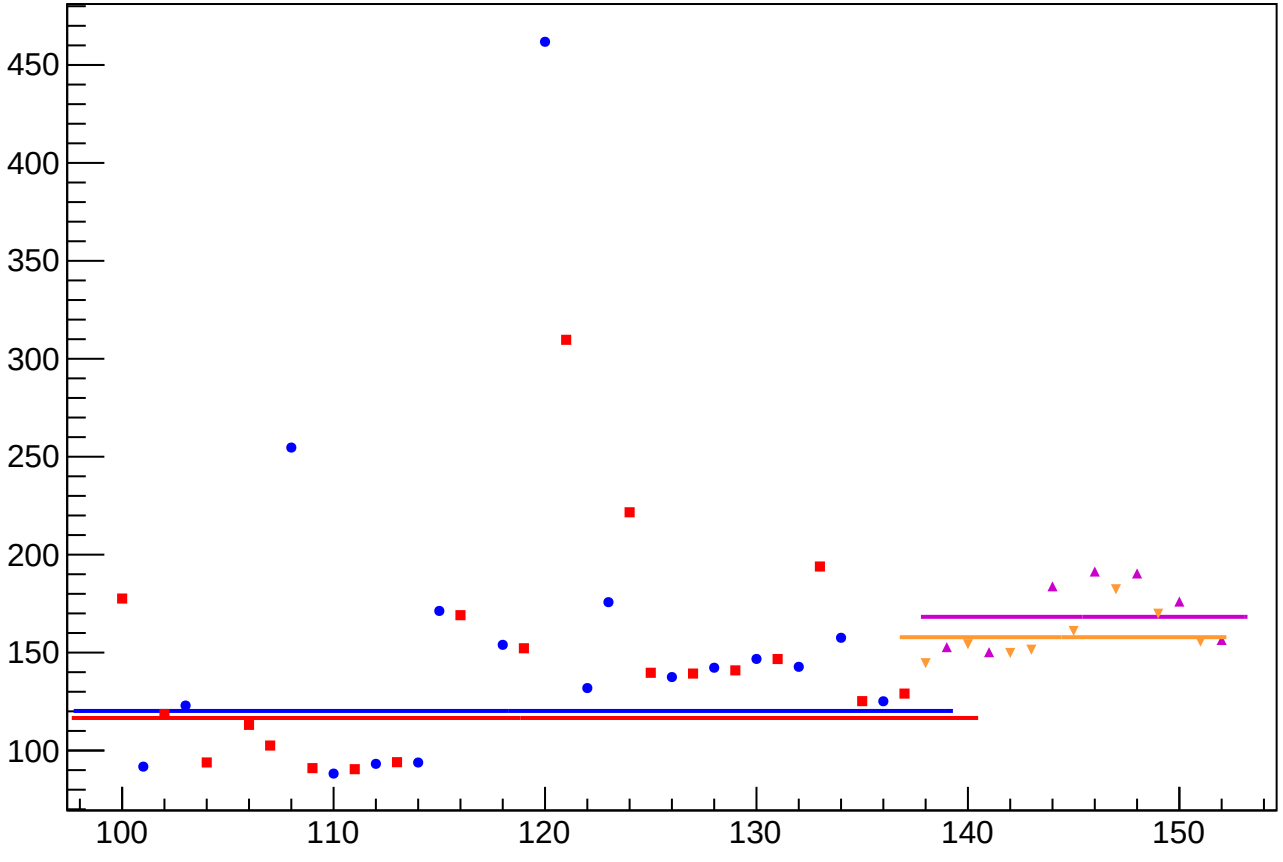
Left In: -396.881+/-70.334 χ^2/NDF:5.3/6

+ sign 79.324+/-39.052 χ^2/NDF: 43.2/24

All: -17.744+/-27.330 χ^2/NDF: 98.8/50

- sign -110.922+/-38.262 χ^2/NDF: 43.5/25

dit_asym_sam6_rms vs Slug



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 157.856+/-0.047 χ^2/NDF:55147.4/7

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

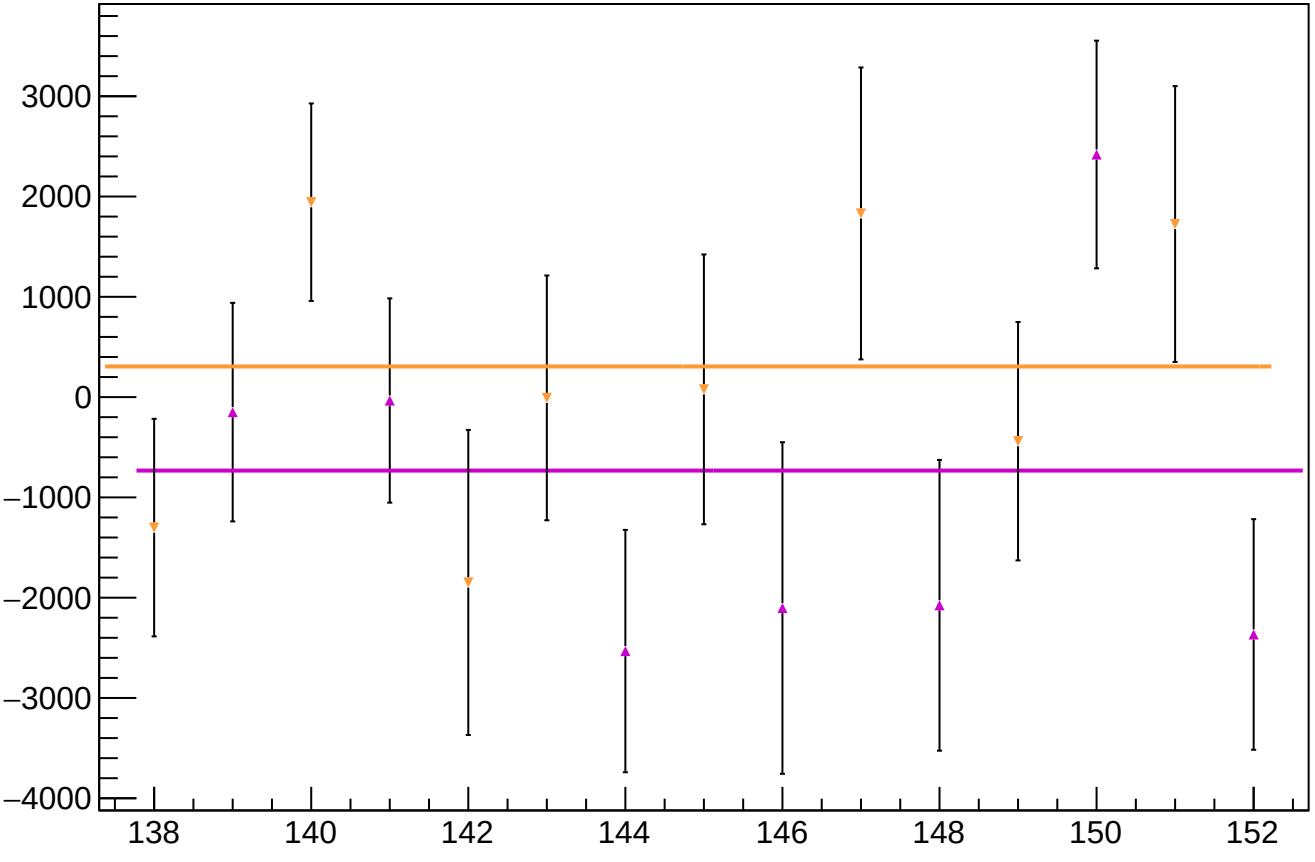
Left In: 168.257+/-0.050 χ^2/NDF:110618.8/6

+ sign 133.377+/-0.028 χ^2/NDF: 1540255.2/24

All: 132.623+/-0.019 χ^2/NDF: 3409325.8/50

- sign 131.900+/-0.027 χ^2/NDF: 1867611.7/25

asym_sam6_correction_mean vs Slug



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

Left Out: 305.469+/-436.578 χ^2/NDF:9.6/7

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

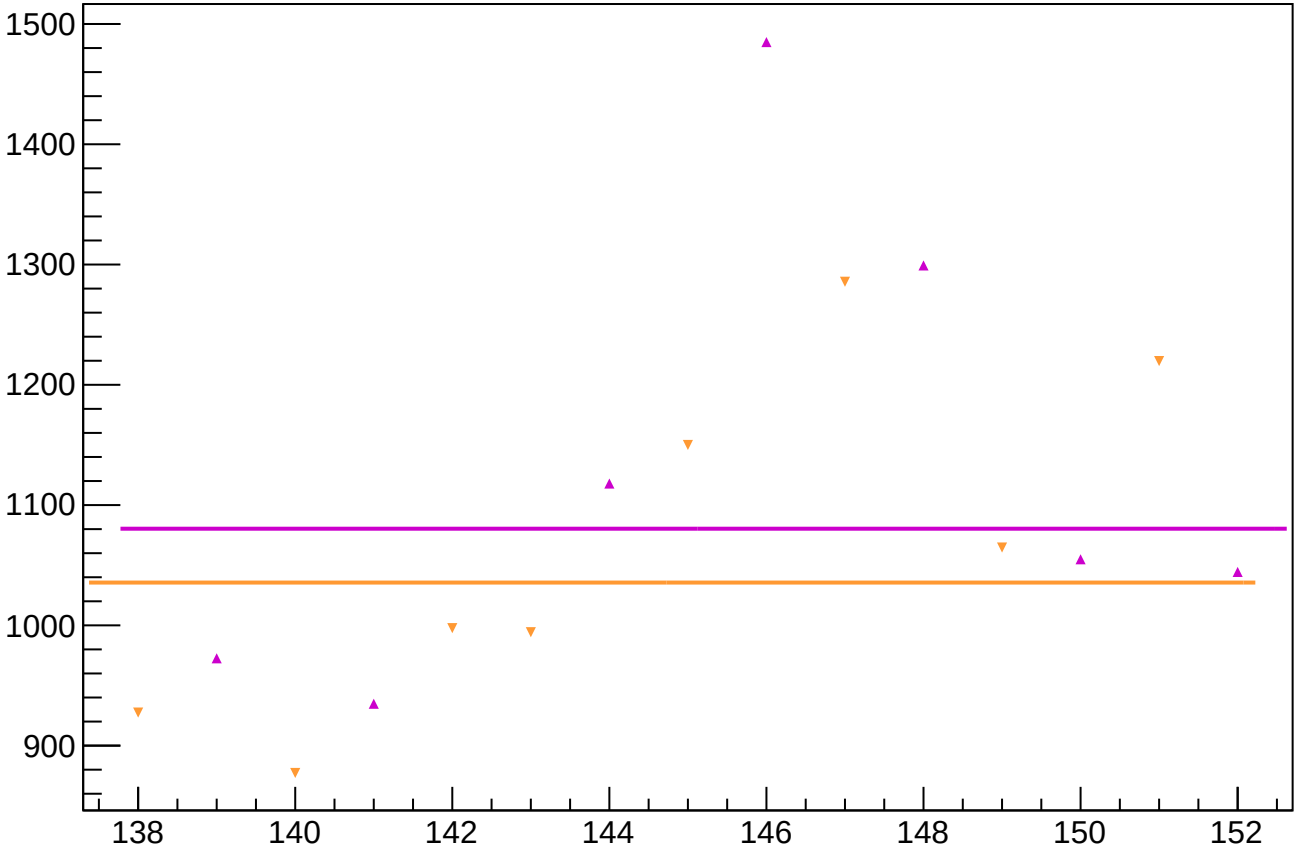
Left In: -732.583+/-453.348 χ^2/NDF:14.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -194.002+/-314.469 χ^2/NDF: 26.6/14

- 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: 1035.580+/-0.309 χ^2/NDF:185684.2/7

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

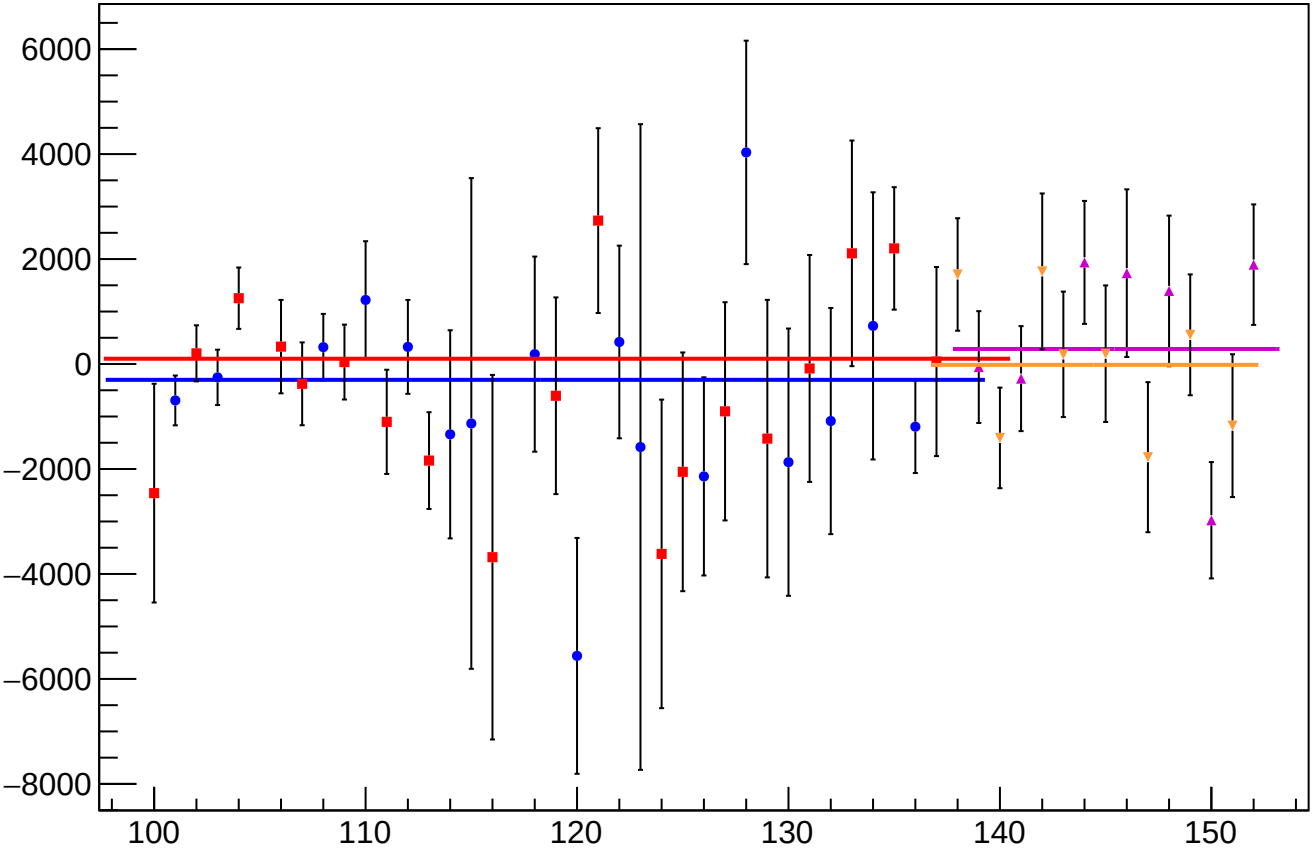
Left In: 1080.357+/-0.321 χ^2/NDF:230696.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1057.125+/-0.222 χ^2/NDF: 426503.7/14

- 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: -15.688+/-426.906 χ^2/NDF:8.7/7

Right Out: 100.857+/-245.981 χ^2/NDF: 22.5/18

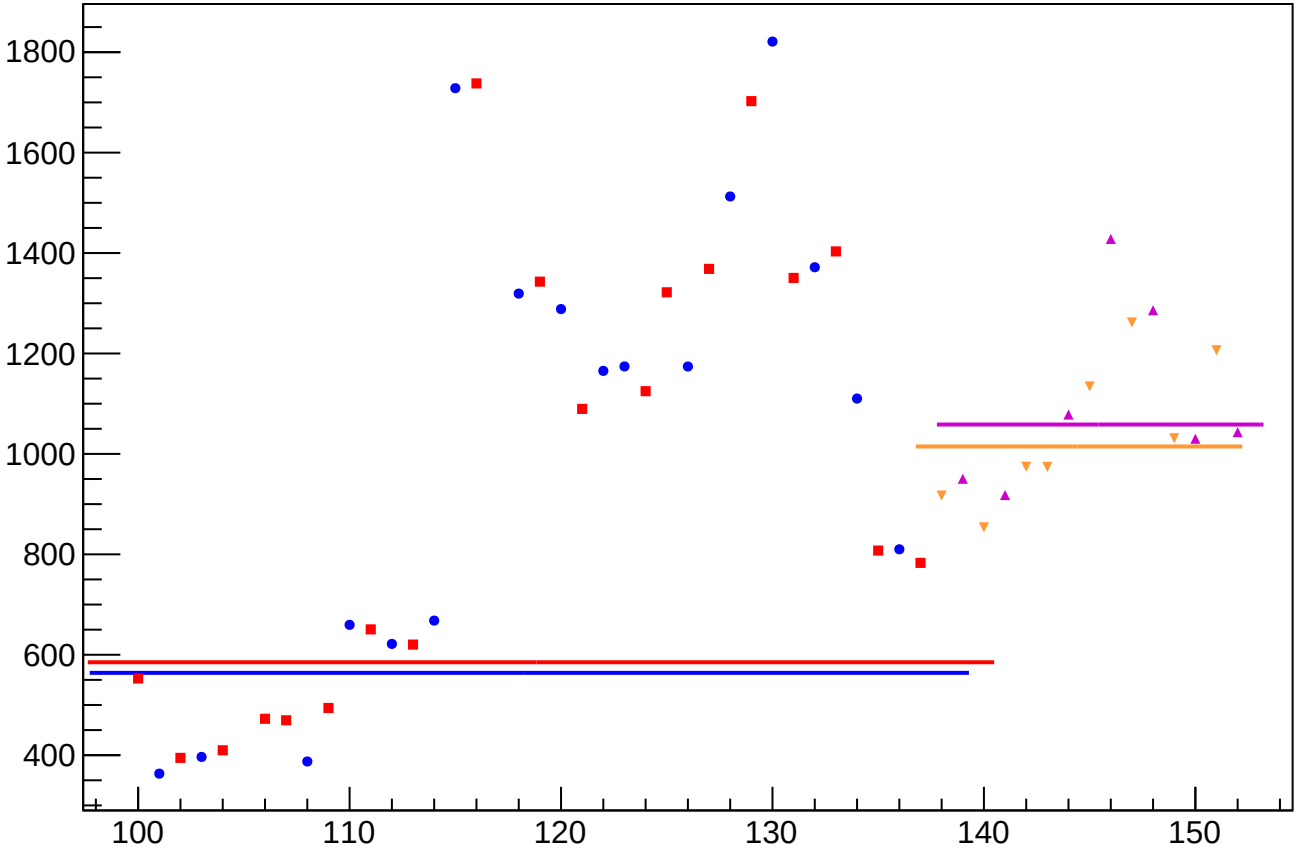
Left In: 286.851+/-444.544 χ^2/NDF:14.4/6

+ sign -228.123+/-215.758 χ^2/NDF: 25.8/24

All: -41.376+/-152.376 χ^2/NDF: 64.4/50

- sign 144.455+/-215.229 χ^2/NDF: 37.1/25

asym_sam6_rms vs Slug



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1014.792+/-0.302 χ^2/NDF:193584.5/7

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

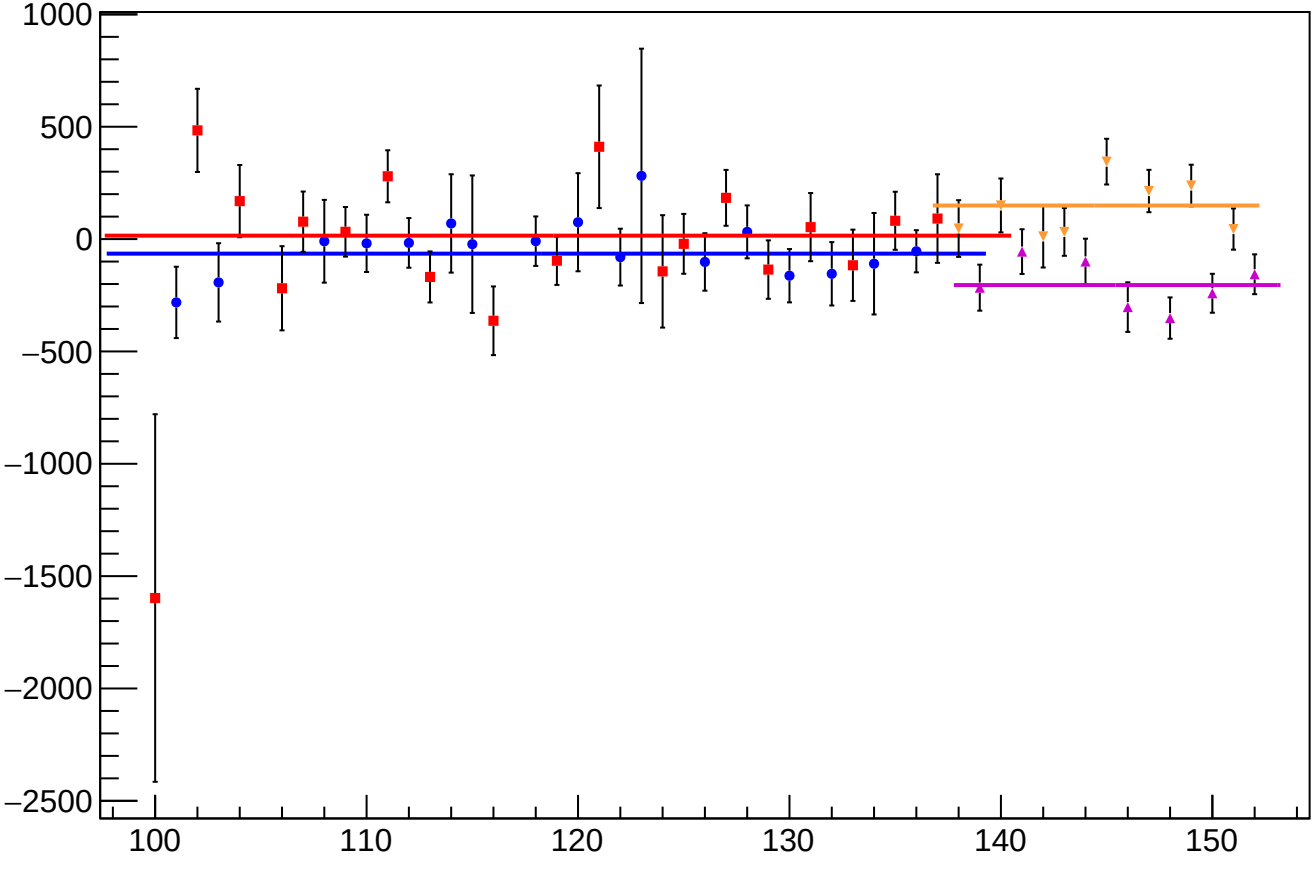
Left In: 1058.492+/-0.314 χ^2/NDF:219629.6/6

+ sign 679.148+/-0.153 χ^2/NDF: 5115495.1/24

All: 687.616+/-0.108 χ^2/NDF: 9898693.4/50

- sign 696.043+/-0.152 χ^2/NDF: 4777051.2/25

dit_asym_sam7_mean vs Slug



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 149.504+/-37.335 χ^2/NDF:9.2/7

Right Out: 15.294+/-33.422 χ^2/NDF: 35.0/18

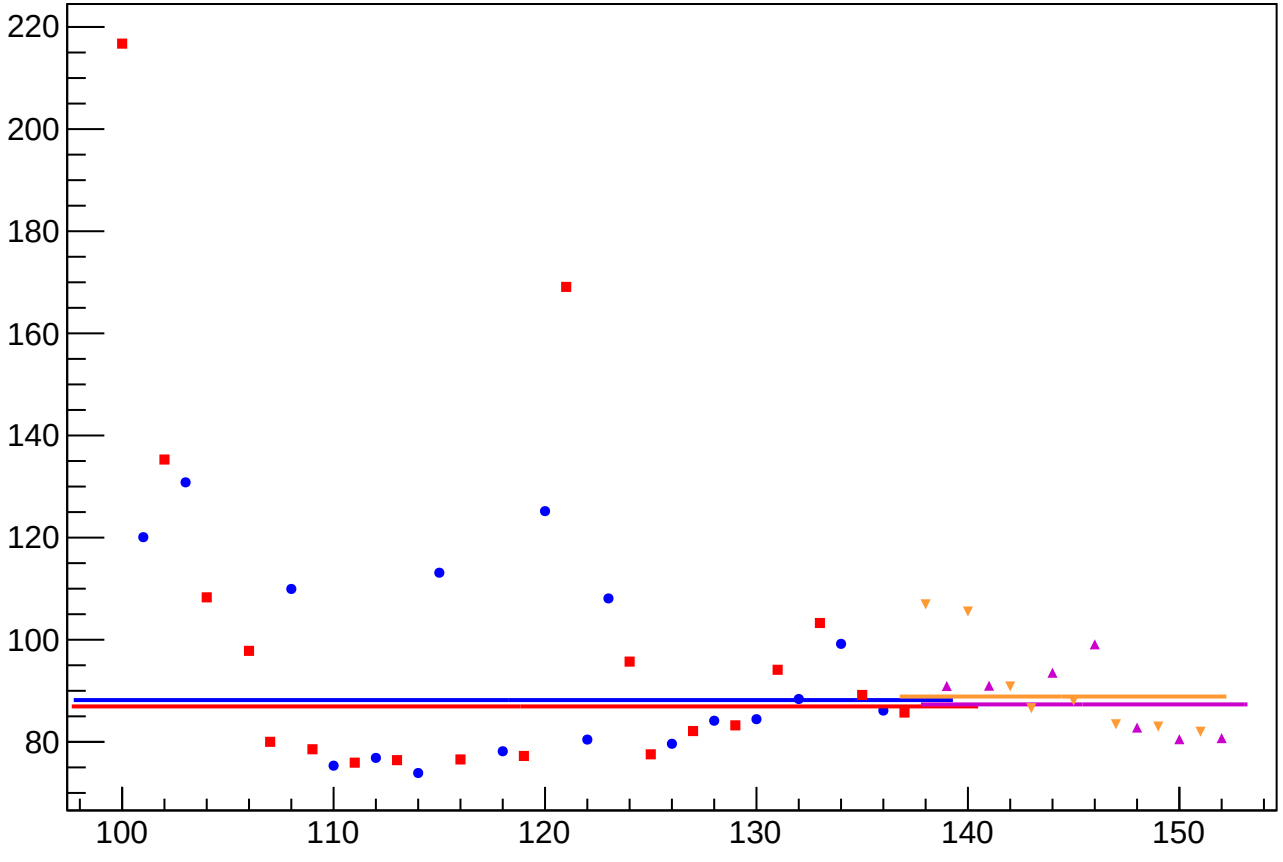
Left In: -204.641+/-36.404 χ^2/NDF:7.1/6

+ sign 34.308+/-25.389 χ^2/NDF: 33.1/24

All: -27.335+/-17.675 χ^2/NDF: 106.5/50

- sign -85.297+/-24.620 χ^2/NDF: 61.9/25

dit_asym_sam7_rms vs Slug



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 88.878+/-0.026 χ^2/NDF:106976.2/7

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

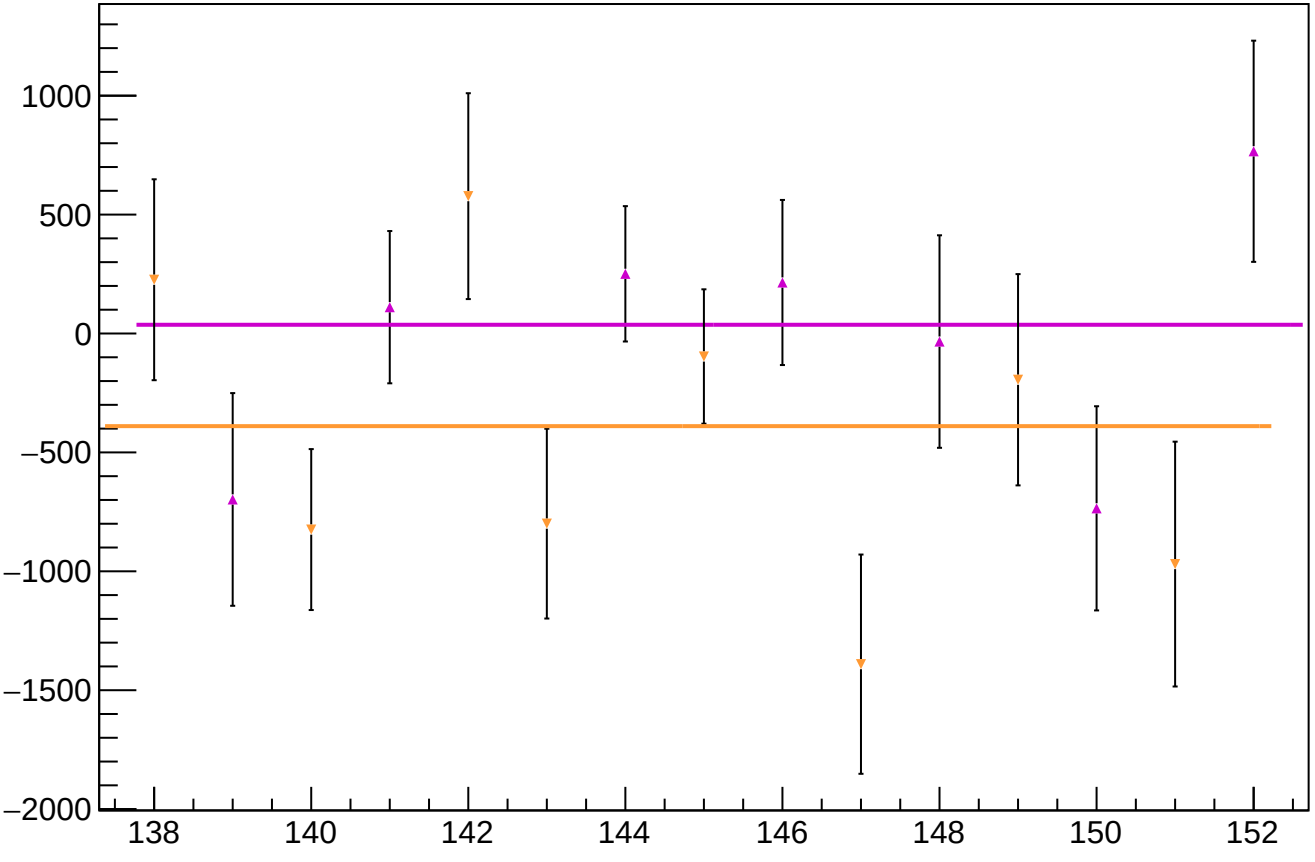
Left In: 87.339+/-0.026 χ^2/NDF:63720.2/6

+ sign 88.506+/-0.018 χ^2/NDF: 501793.0/24

All: 87.794+/-0.012 χ^2/NDF: 1100056.0/50

- sign 87.124+/-0.017 χ^2/NDF: 595208.2/25

asym_sam7_correction_mean vs Slug



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

Left Out: -389.591+/-138.631 χ^2/NDF:17.1/7

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

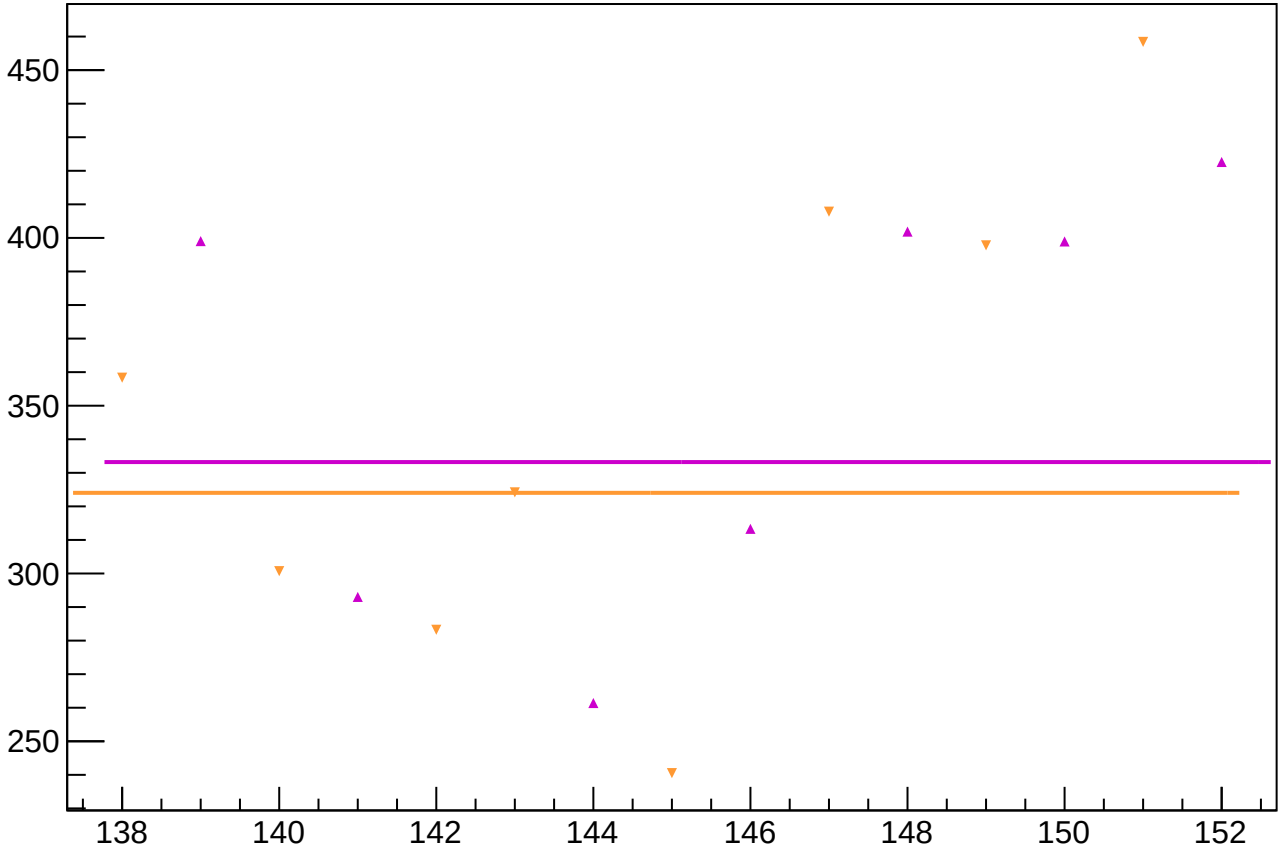
Left In: 36.693+/-140.774 χ^2/NDF:9.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -179.718+/-98.776 χ^2/NDF: 31.0/14

- 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: 324.037+/-0.098 χ^2/NDF:472789.9/7

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

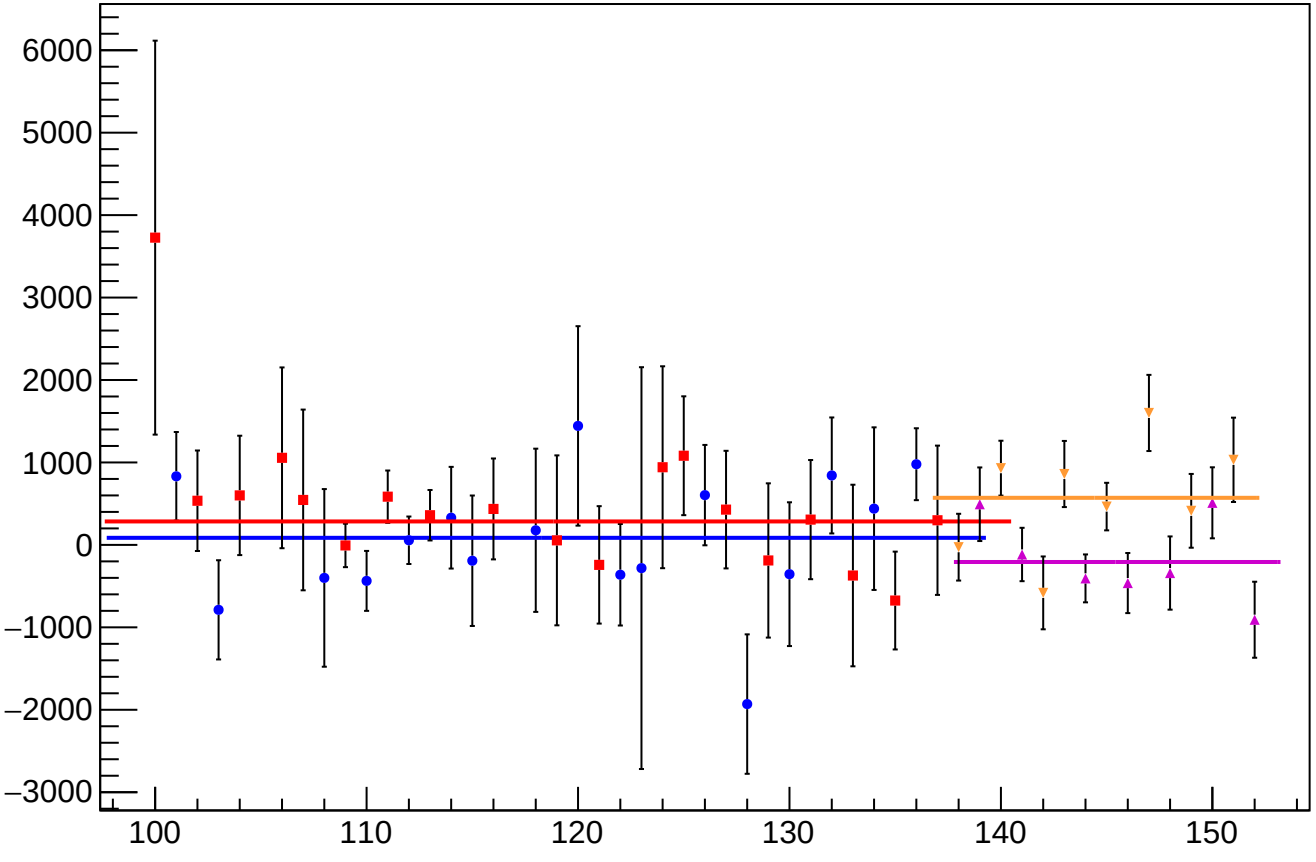
Left In: 333.204+/-0.100 χ^2/NDF:376835.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 328.550+/-0.070 χ^2/NDF: 853931.2/14

- 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: 571.061+/-138.680 χ^2/NDF:16.7/7

Right Out: 284.456+/-129.599 χ^2/NDF: 10.6/18

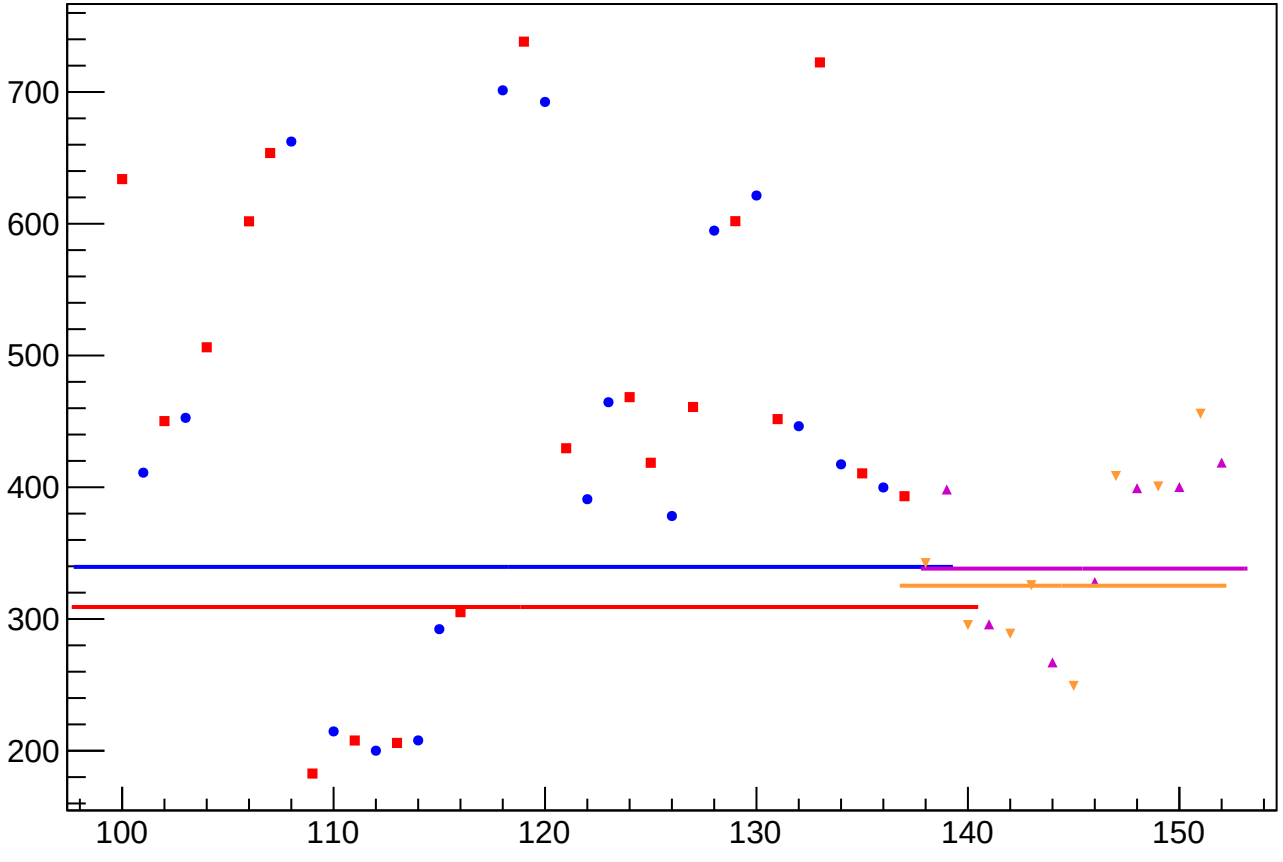
Left In: -207.429+/-142.714 χ^2/NDF:8.7/6

+ sign 335.197+/-99.419 χ^2/NDF: 43.2/24

All: 193.816+/-69.038 χ^2/NDF: 72.9/50

- sign 62.149+/-95.943 χ^2/NDF: 25.8/25

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 325.290+/-0.098 χ^2/NDF:424307.6/7

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

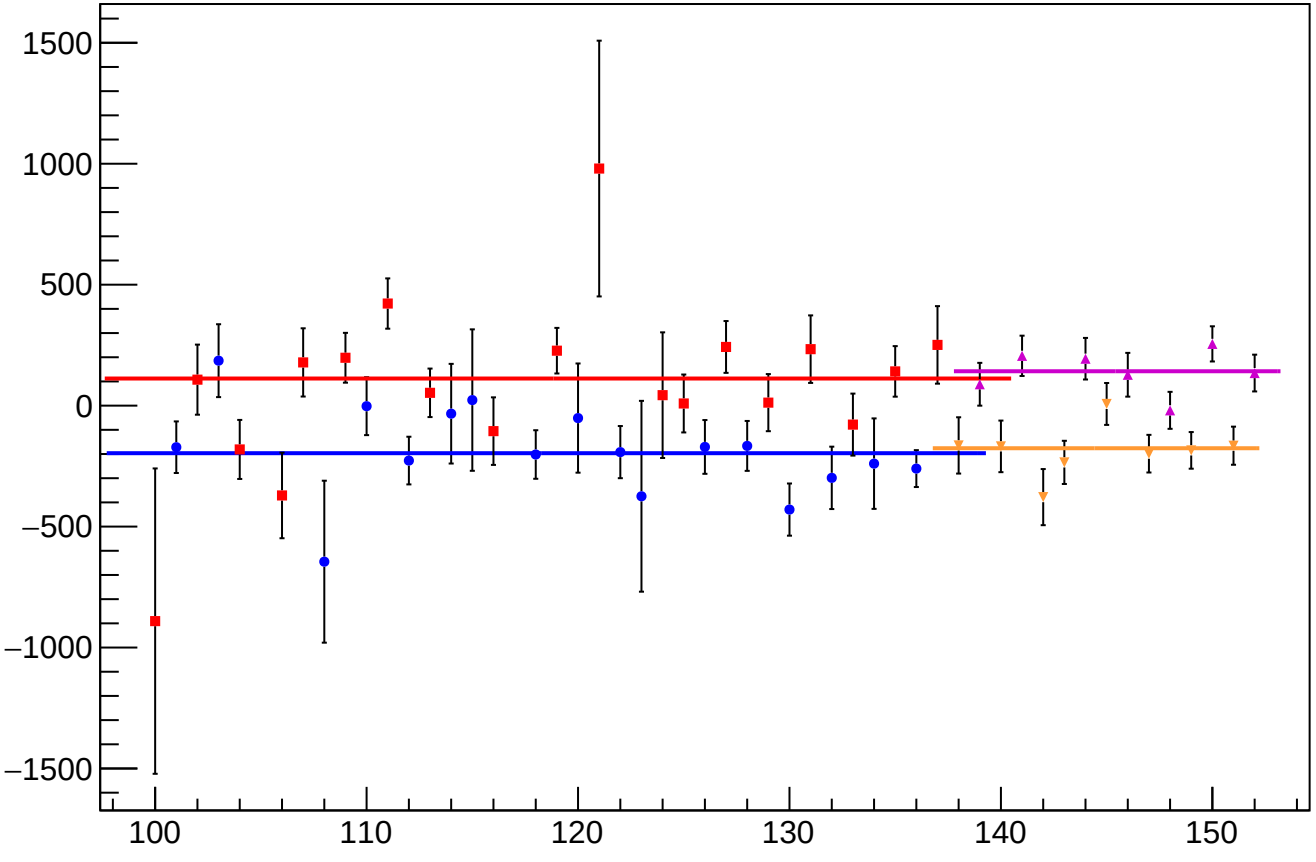
Left In: 338.264+/-0.101 χ^2/NDF:332002.7/6

+ sign 332.222+/-0.070 χ^2/NDF: 2476834.1/24

All: 327.076+/-0.049 χ^2/NDF: 5595252.8/50

- sign 322.283+/-0.068 χ^2/NDF: 3108068.8/25

dit_asym_sam8_mean vs Slug



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -176.101+/-31.692 χ^2/NDF:8.1/7

Right Out: 112.097+/-29.622 χ^2/NDF: 39.3/18

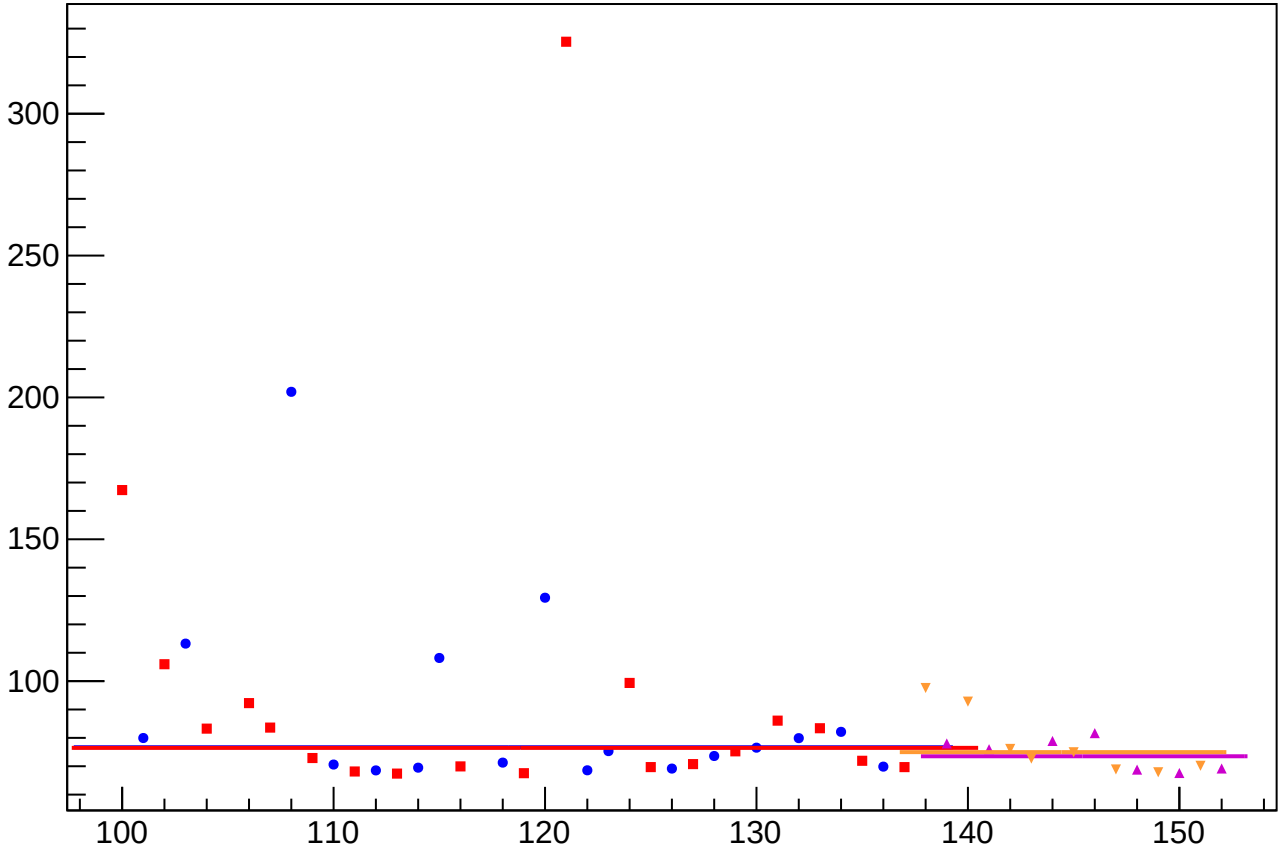
Left In: 142.149+/-30.676 χ^2/NDF:8.2/6

+ sign -186.777+/-21.938 χ^2/NDF: 27.3/24

All: -25.529+/-15.285 χ^2/NDF: 180.4/50

- sign 126.598+/-21.309 χ^2/NDF: 48.1/25

dit_asym_sam8_rms vs Slug



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 74.977+/-0.022 χ^2/NDF:170107.9/7

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

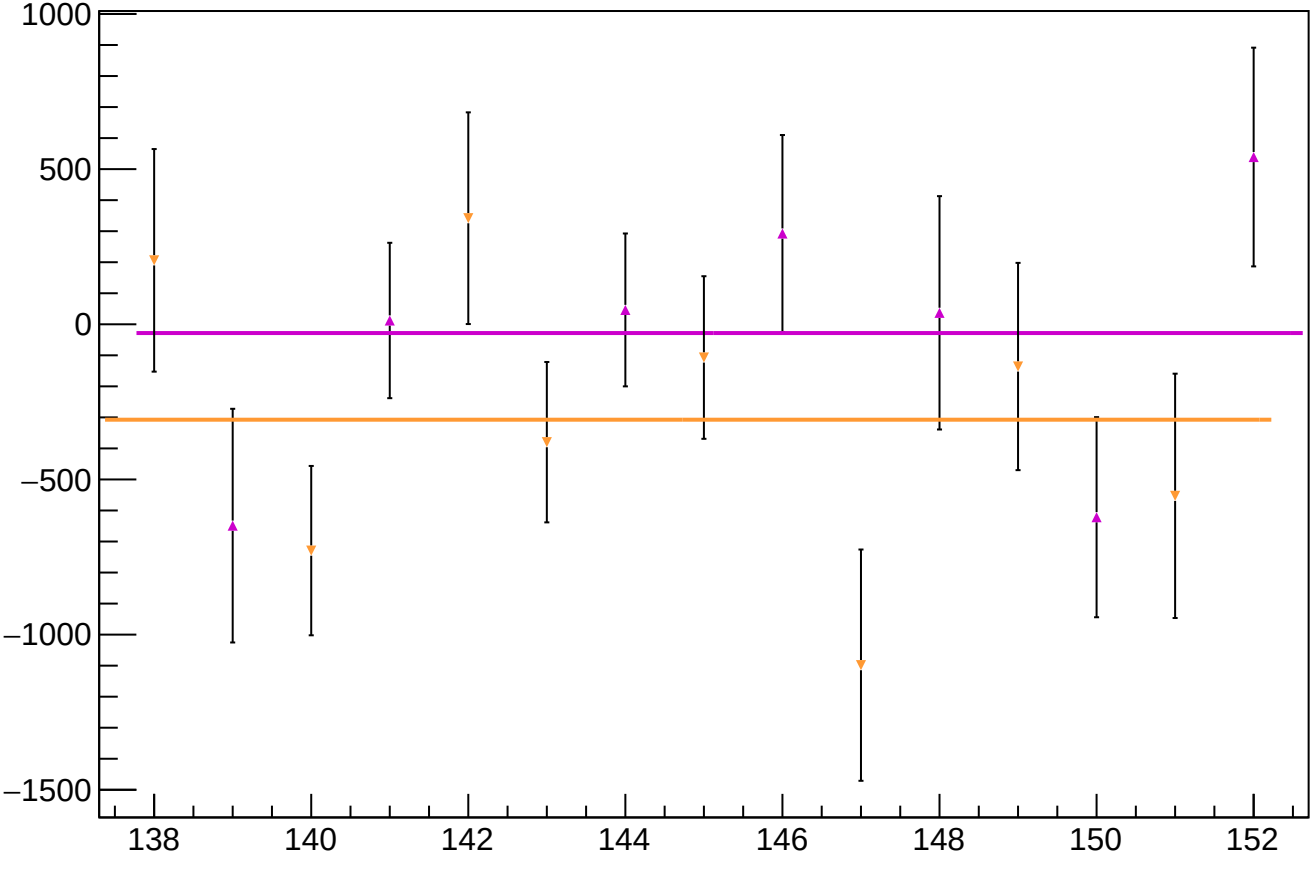
Left In: 73.514+/-0.022 χ^2/NDF:58314.3/6

+ sign 75.870+/-0.016 χ^2/NDF: 773506.2/24

All: 75.447+/-0.011 χ^2/NDF: 1542293.7/50

- sign 75.048+/-0.015 χ^2/NDF: 767342.9/25

asym_sam8_correction_mean vs Slug



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

Left Out: -307.448+/-110.455 χ^2/NDF:13.9/7

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

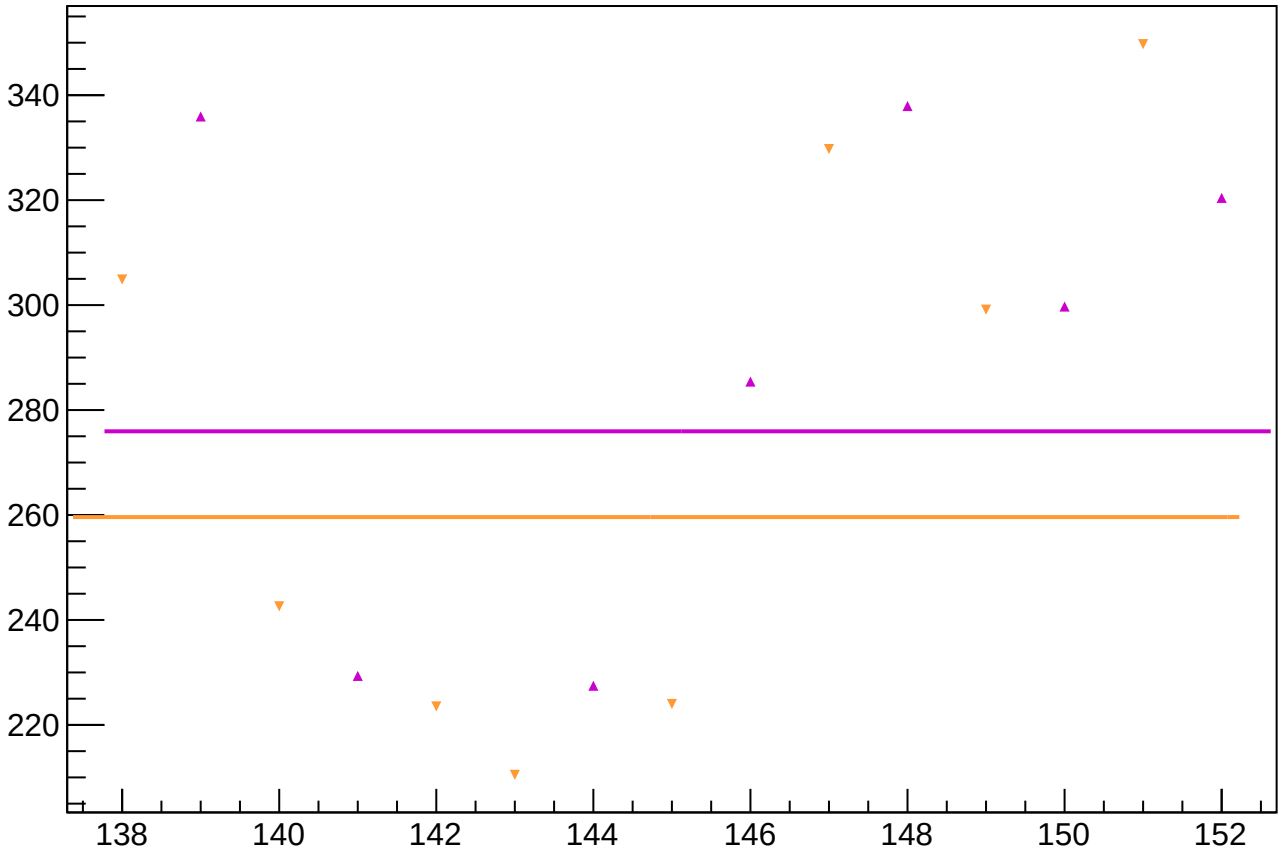
Left In: -28.219+/-116.118 χ^2/NDF:9.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -174.808+/-80.030 χ^2/NDF: 26.8/14

- 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: 259.606+/-0.078 χ^2/NDF:374877.1/7

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

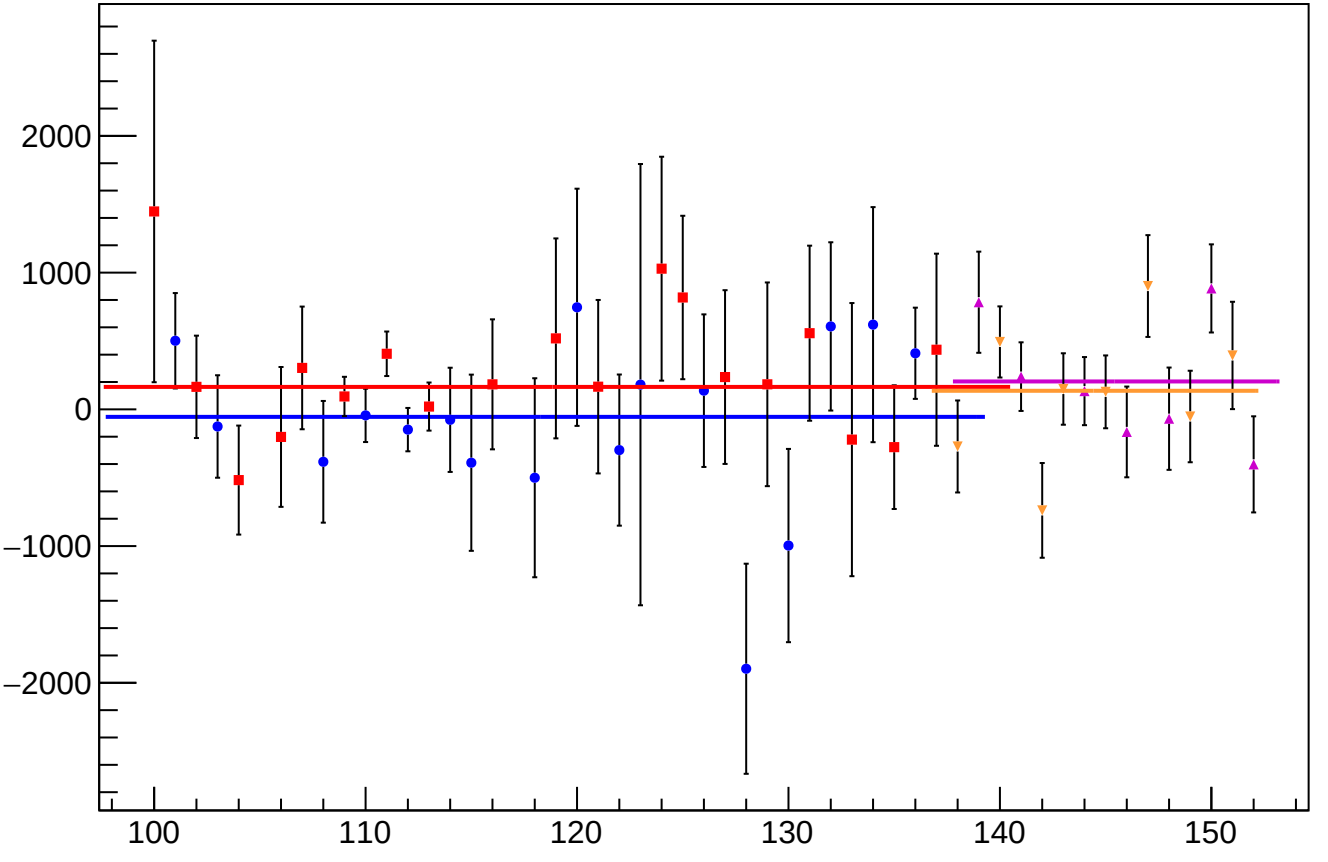
Left In: 275.948+/-0.082 χ^2/NDF:296464.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 267.369+/-0.057 χ^2/NDF: 692138.7/14

- 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: 135.777+/-109.556 χ^2/NDF:14.7/7

Right Out: 164.141+/-76.903 χ^2/NDF: 11.9/18

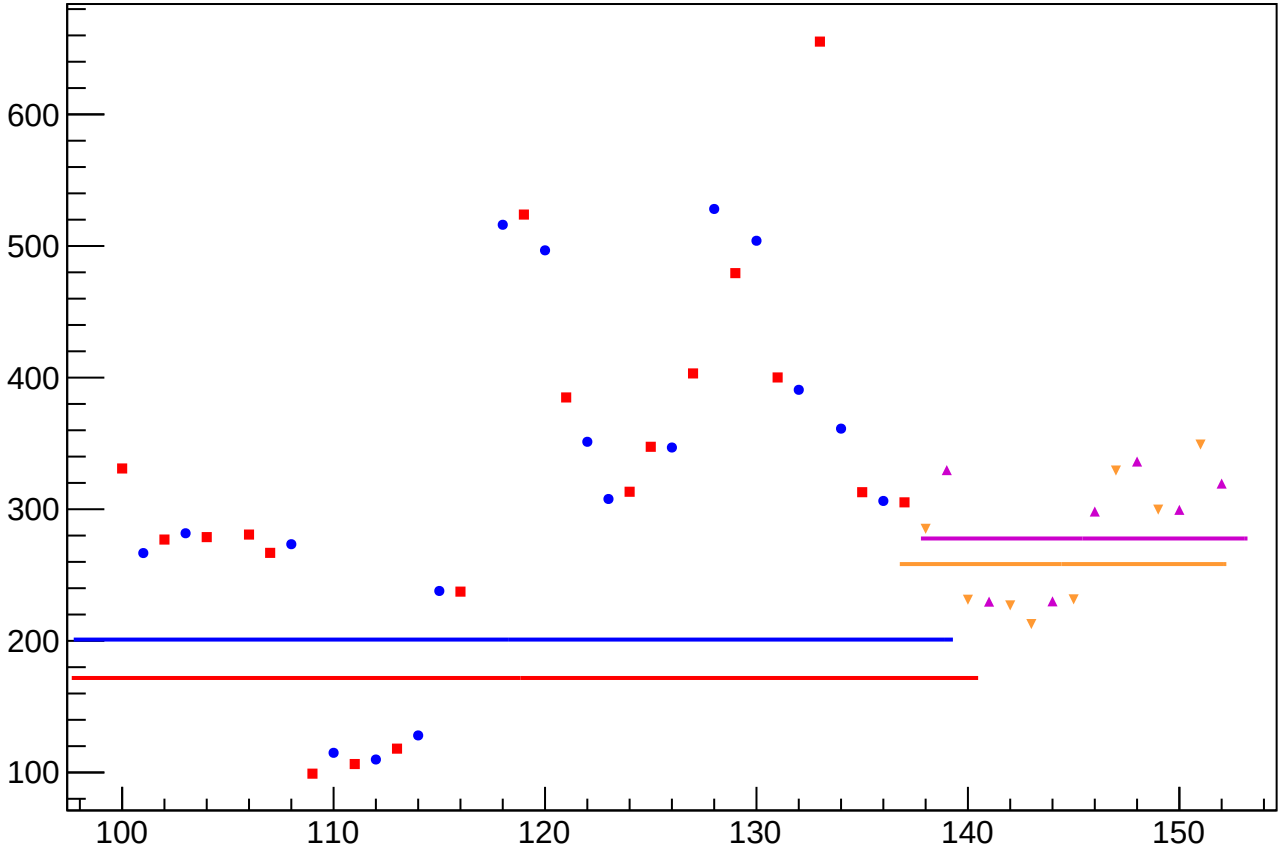
Left In: 204.051+/-116.843 χ^2/NDF:11.8/6

+ sign 22.272+/-69.707 χ^2/NDF: 33.1/24

All: 105.512+/-47.238 χ^2/NDF: 59.4/50

- sign 176.204+/-64.238 χ^2/NDF: 23.7/25

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 258.344+/-0.077 χ^2/NDF:342343.5/7

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

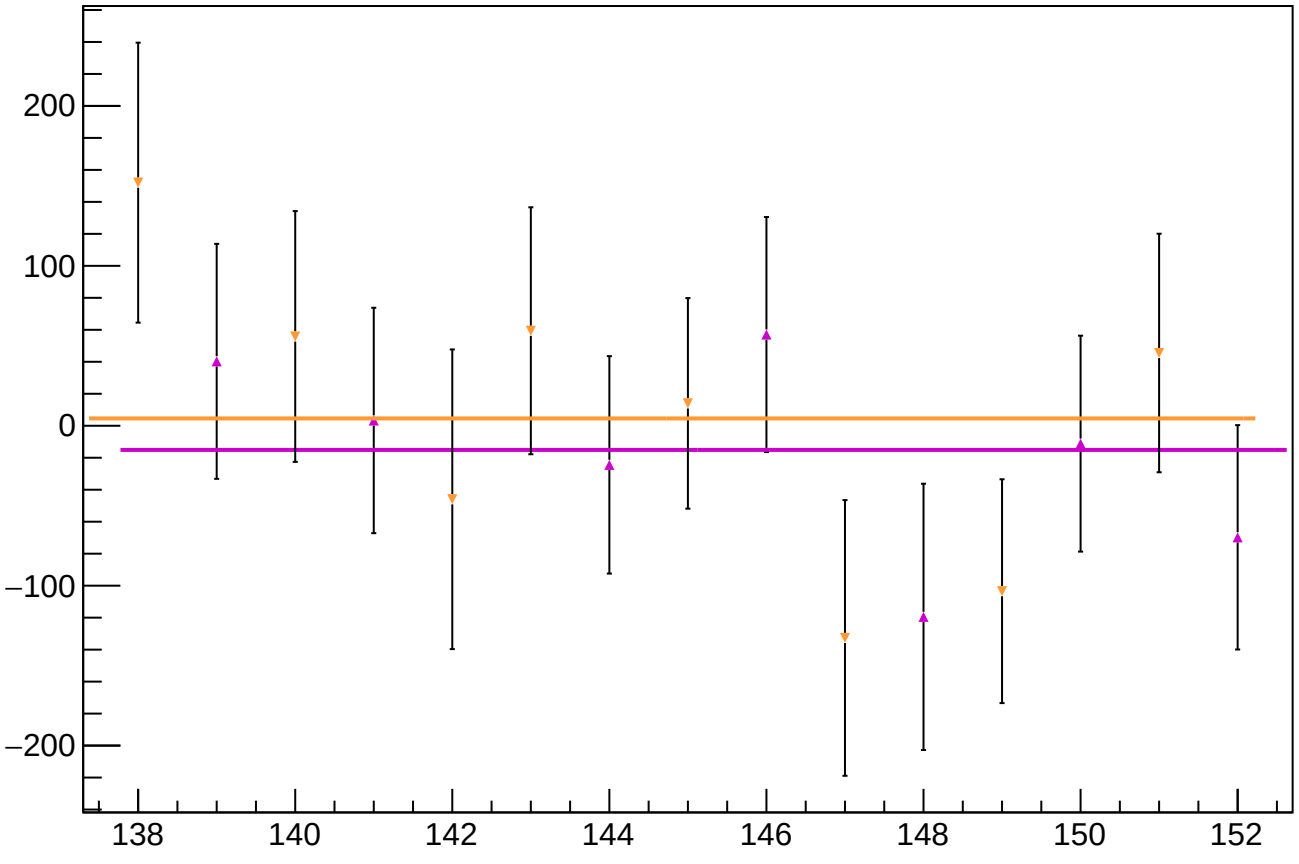
Left In: 277.775+/-0.083 χ^2/NDF:279776.2/6

+ sign 224.197+/-0.049 χ^2/NDF: 4104942.3/24

All: 213.182+/-0.033 χ^2/NDF: 9717800.7/50

- sign 203.827+/-0.045 χ^2/NDF: 5520506.7/25

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 4.585+/-27.483 χ^2/NDF:9.3/7

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

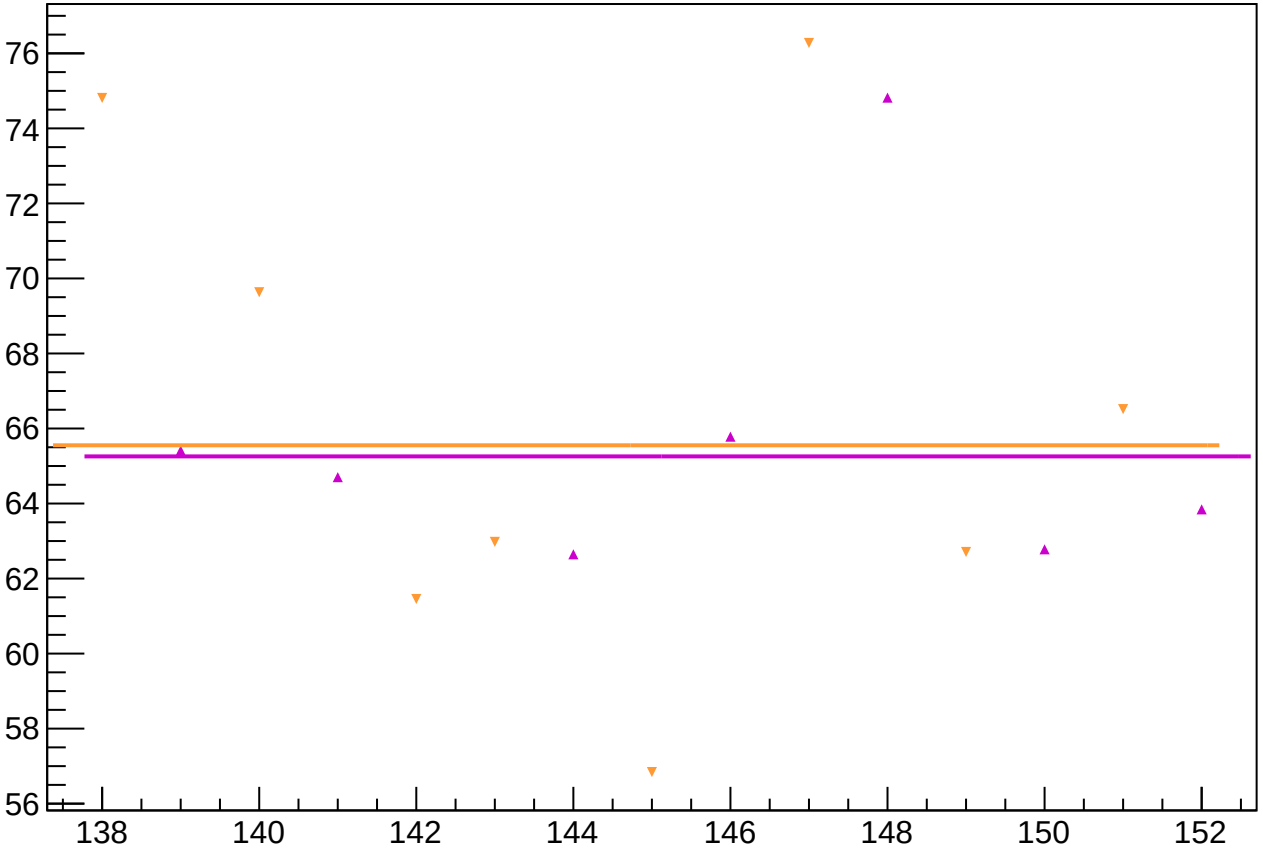
Left In: -15.109+/-27.166 χ^2/NDF:3.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.377+/-19.321 χ^2/NDF: 13.4/14

- 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: 65.552+/-0.019 χ^2/NDF:103429.1/7

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

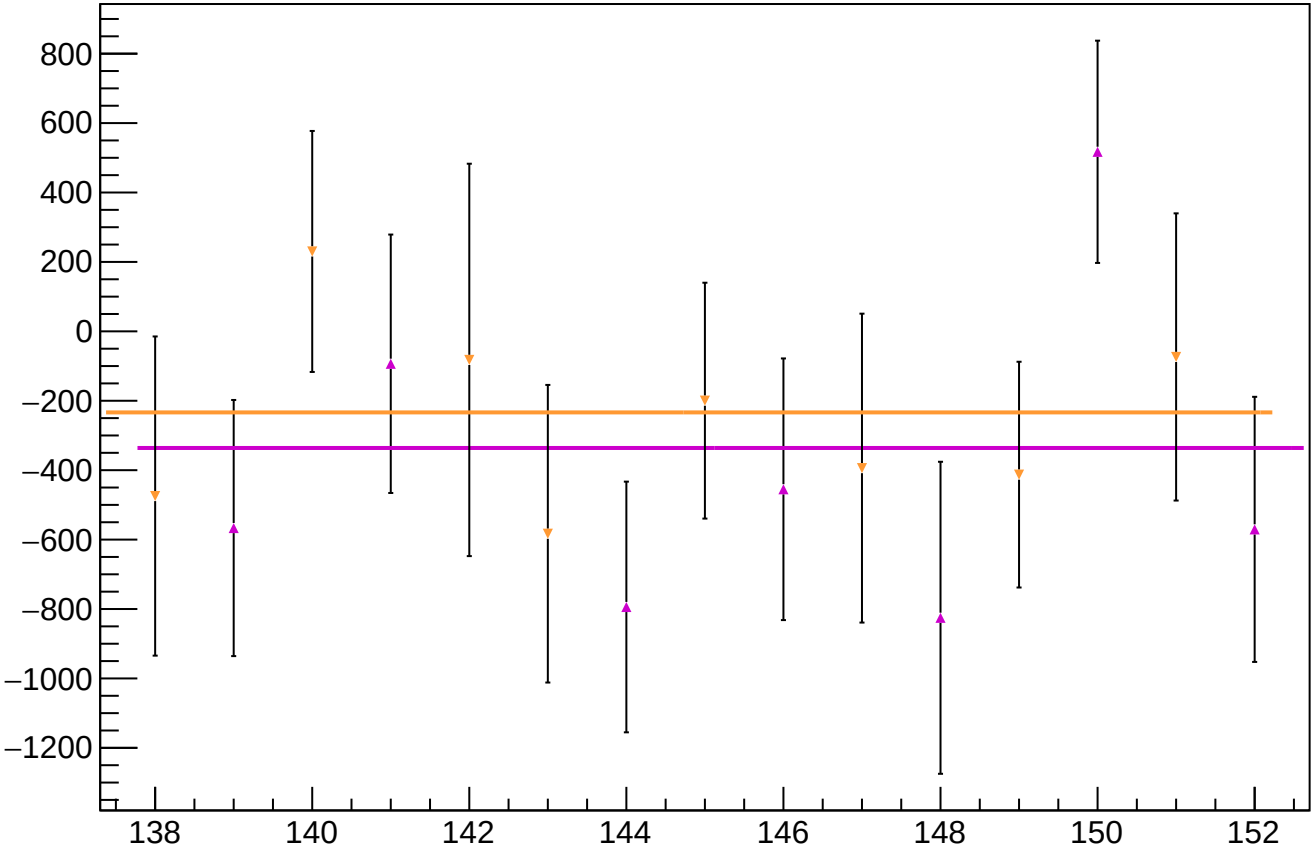
Left In: 65.256+/-0.019 χ^2/NDF:33076.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 65.403+/-0.014 χ^2/NDF: 136622.4/14

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_avg_correction_mean vs Slug



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

Left Out: -233.553+/-140.570 χ^2/NDF:3.4/7

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

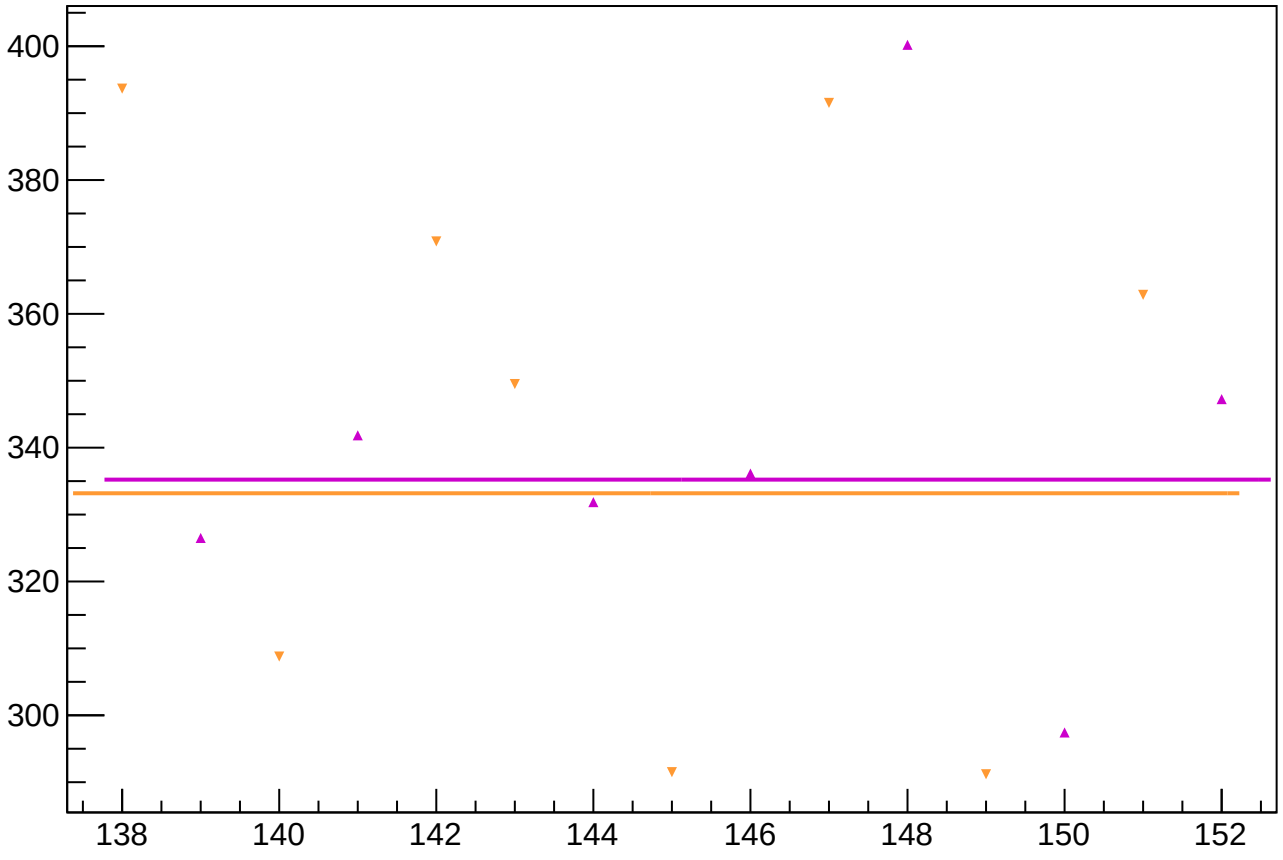
Left In: -336.023+/-140.264 χ^2/NDF:11.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -284.900+/-99.290 χ^2/NDF: 14.8/14

- 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: 333.185+/-0.099 χ^2/NDF:164372.3/7

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

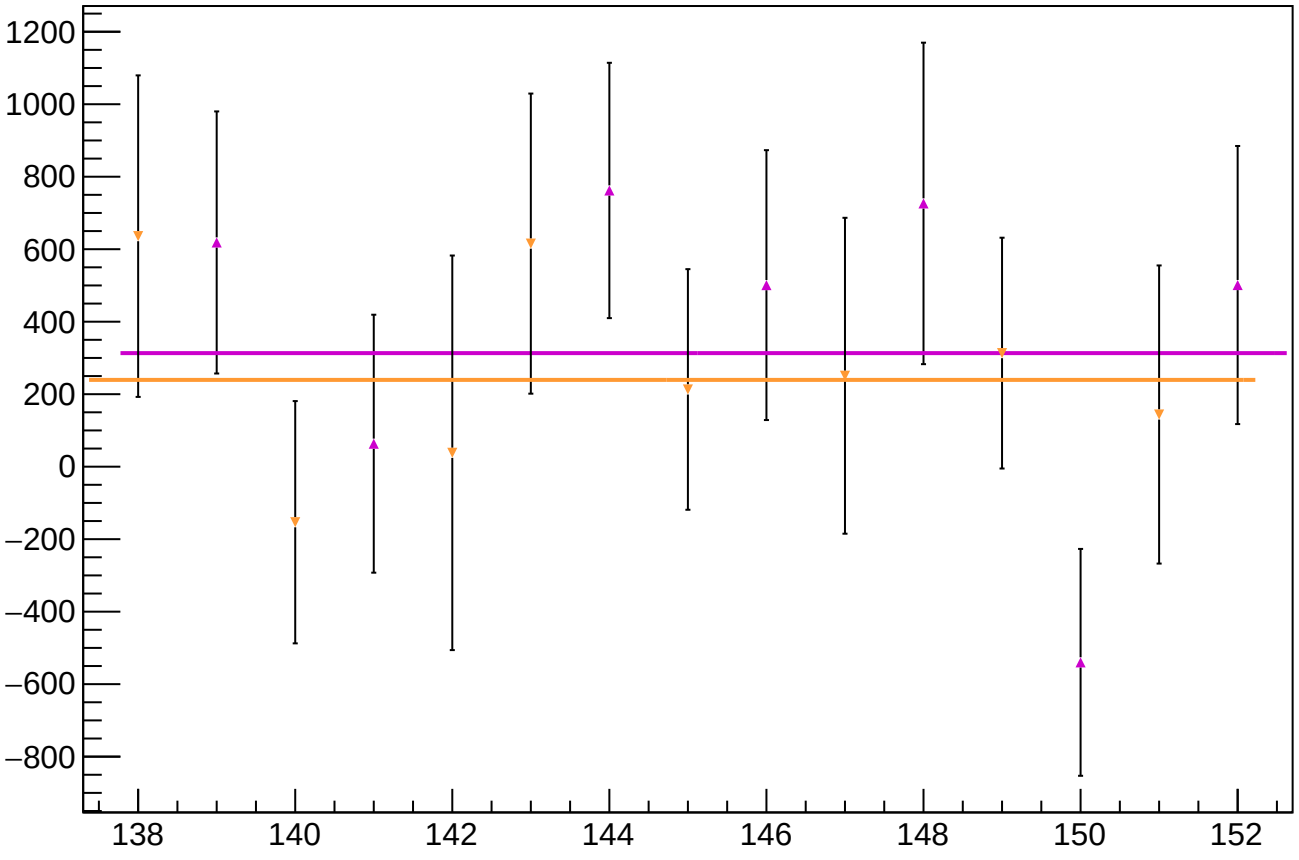
Left In: 335.223+/-0.099 χ^2/NDF:73591.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 334.206+/-0.070 χ^2/NDF: 238174.7/14

- 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: 239.438+/-136.892 χ^2/NDF:3.3/7

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

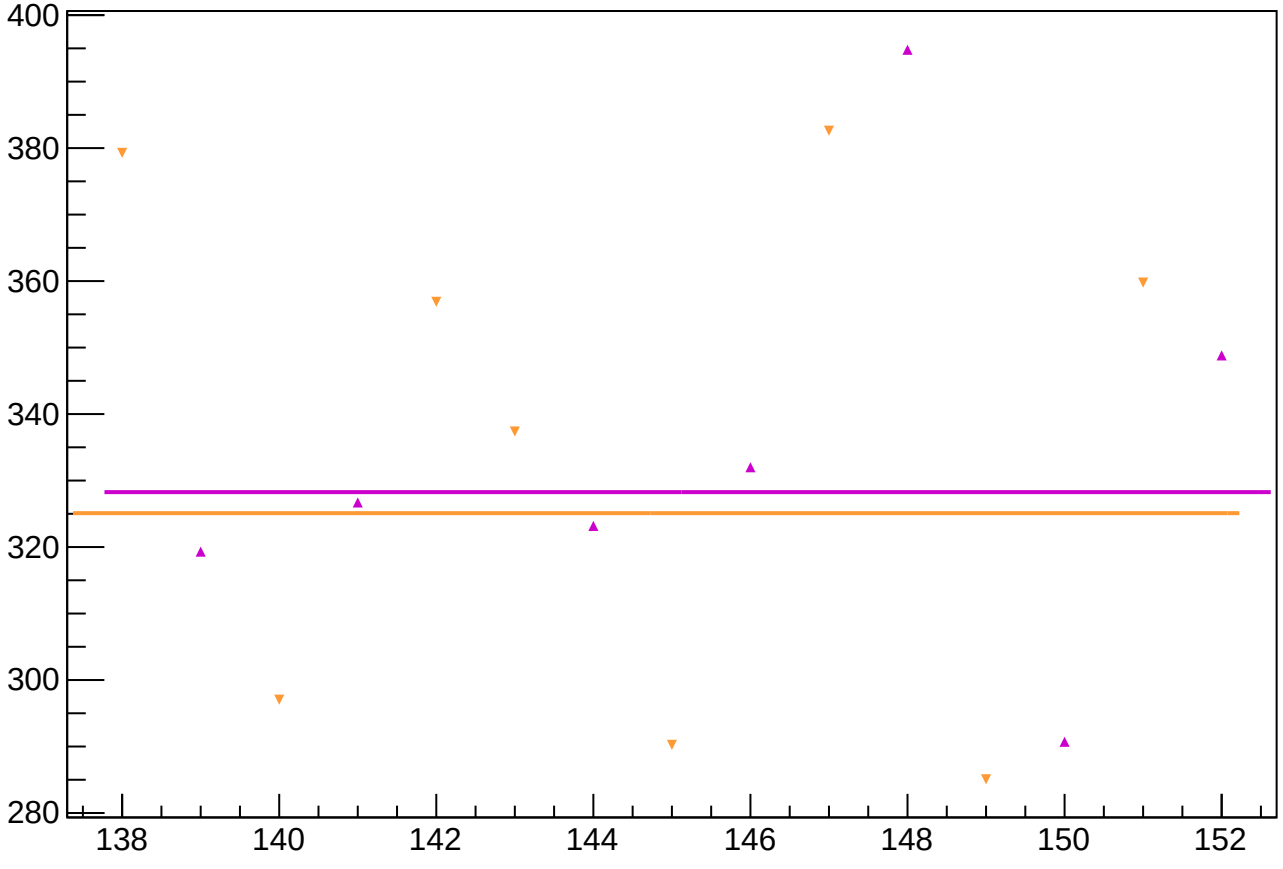
Left In: 313.306+/-137.477 χ^2/NDF:11.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 276.215+/-97.003 χ^2/NDF: 15.0/14

- 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: 325.097+/-0.097 χ^2/NDF:155222.3/7

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

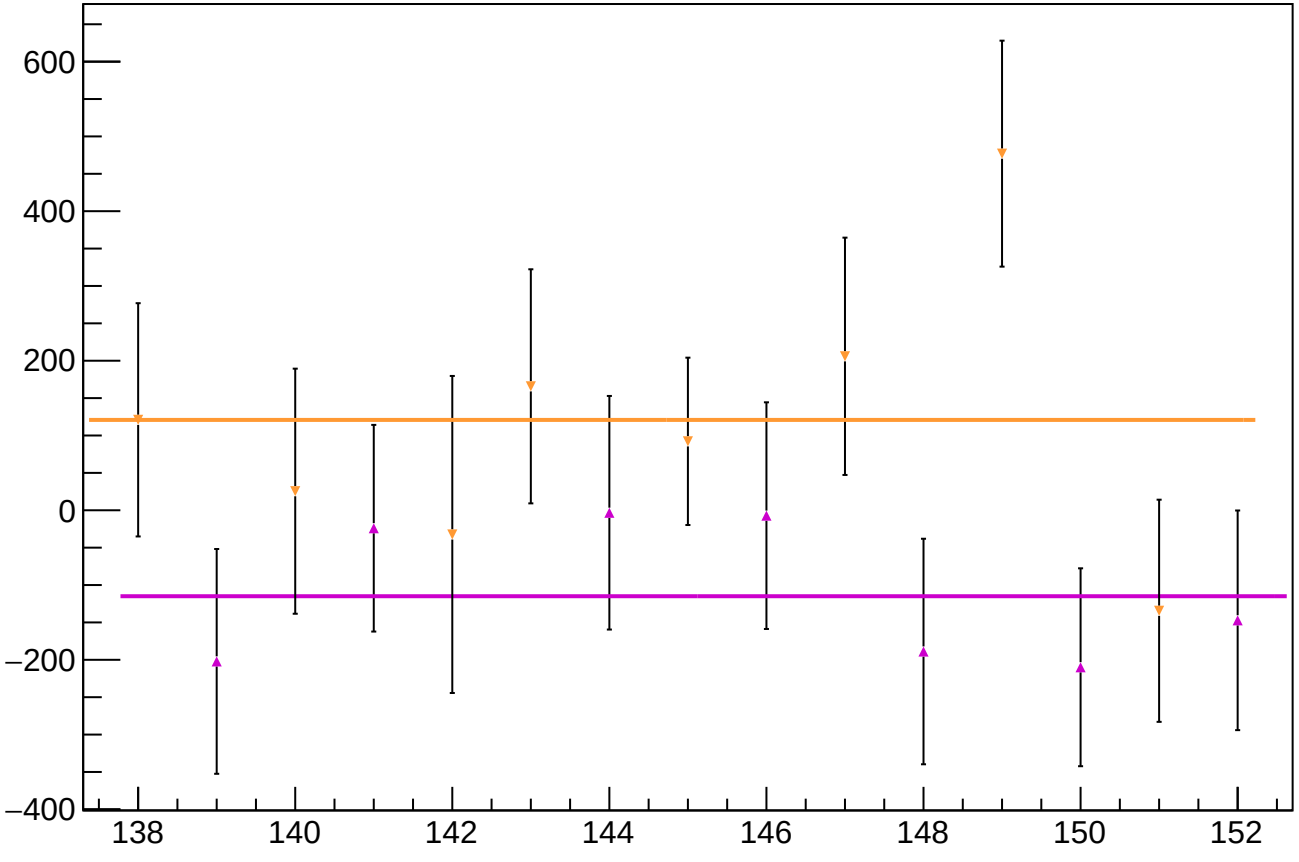
Left In: 328.260+/-0.097 χ^2/NDF:81419.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 326.672+/-0.069 χ^2/NDF: 237173.5/14

- 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: 120.841+/-53.447 χ^2/NDF:9.8/7

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

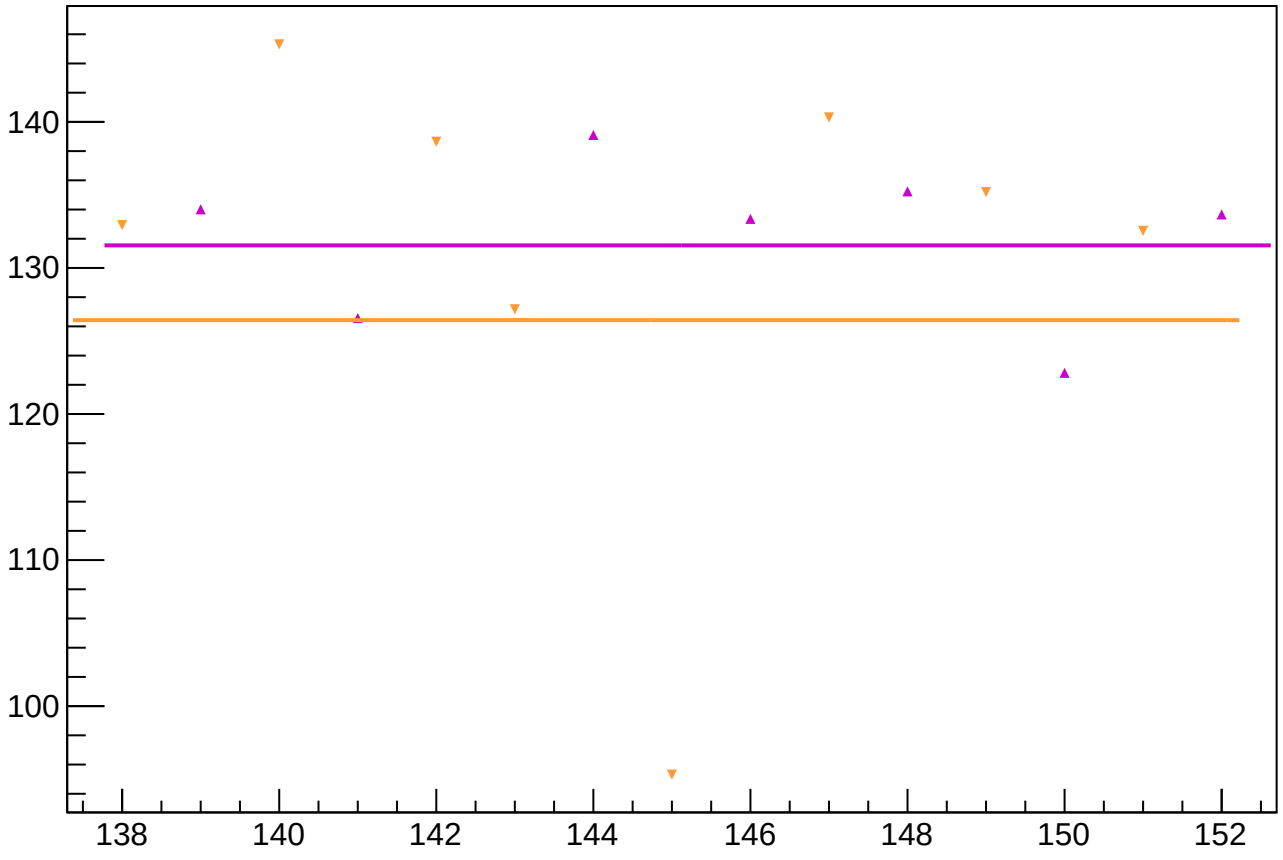
Left In: -114.959+/-55.172 χ^2/NDF:2.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.684+/-38.388 χ^2/NDF: 21.8/14

- 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: 126.425+/-0.038 χ^2/NDF:216765.9/7

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

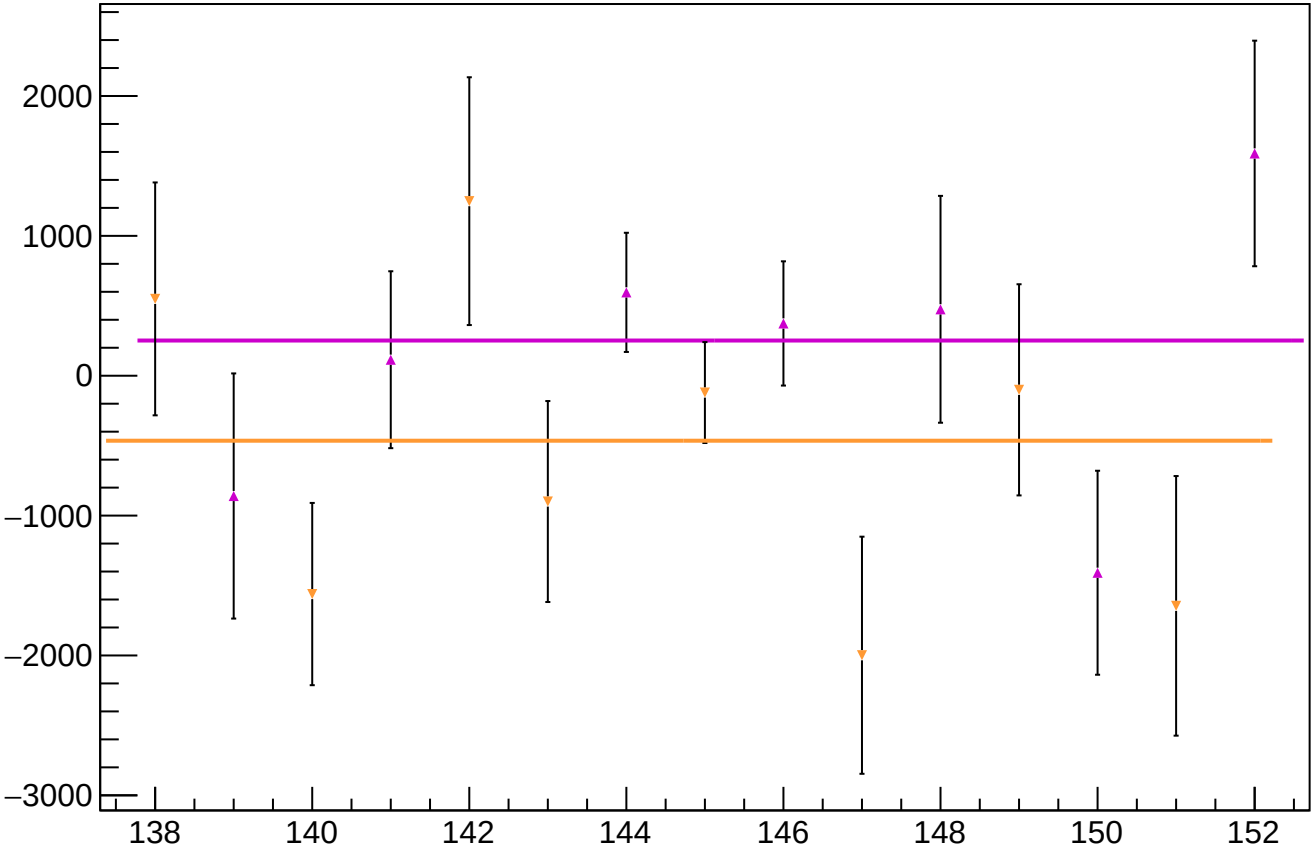
Left In: 131.547+/-0.039 χ^2/NDF:18419.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 128.905+/-0.027 χ^2/NDF: 244077.3/14

- 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: -464.621+/-229.404 χ^2/NDF:14.5/7

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

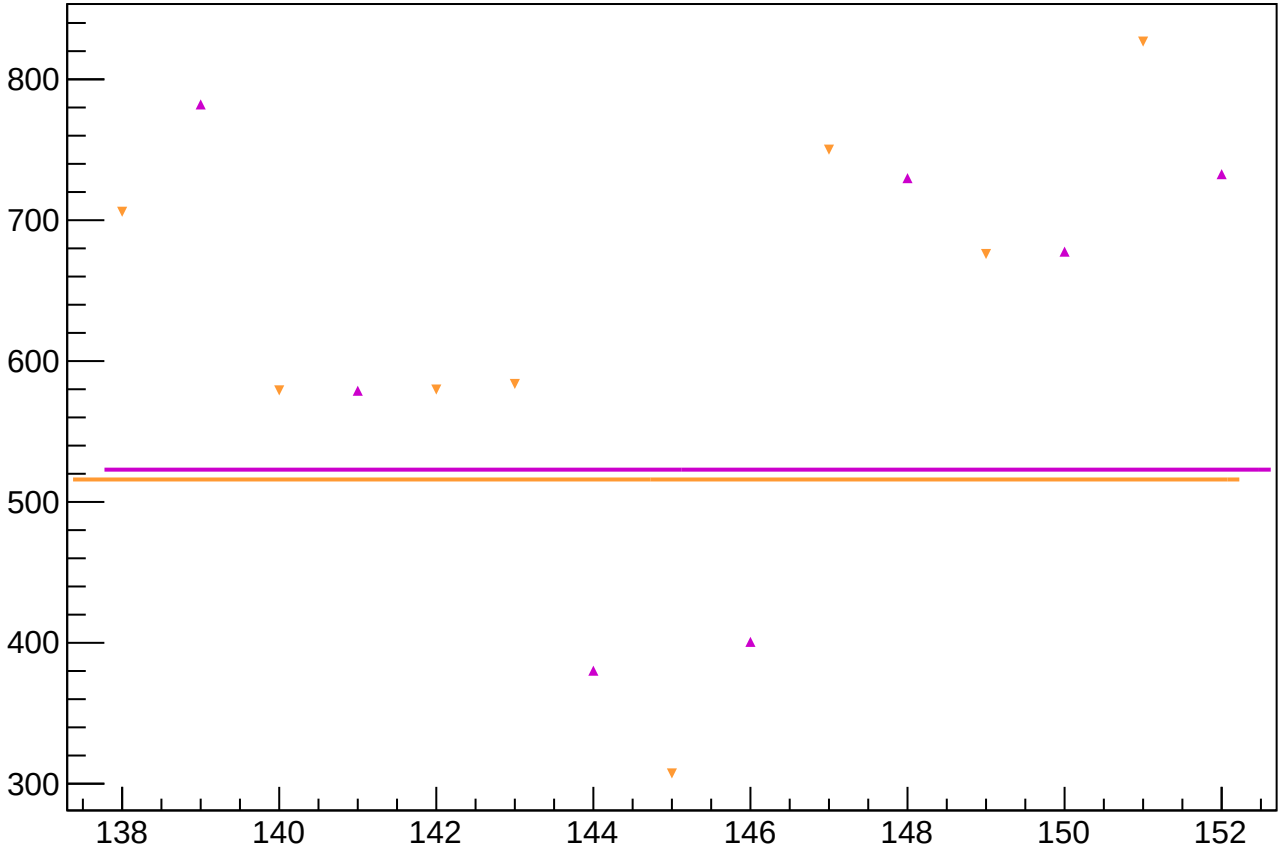
Left In: 251.703+/-227.509 χ^2/NDF:10.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -103.487+/-161.539 χ^2/NDF: 29.8/14

- 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: 515.951+/-0.162 χ^2/NDF:1287274.6/7

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

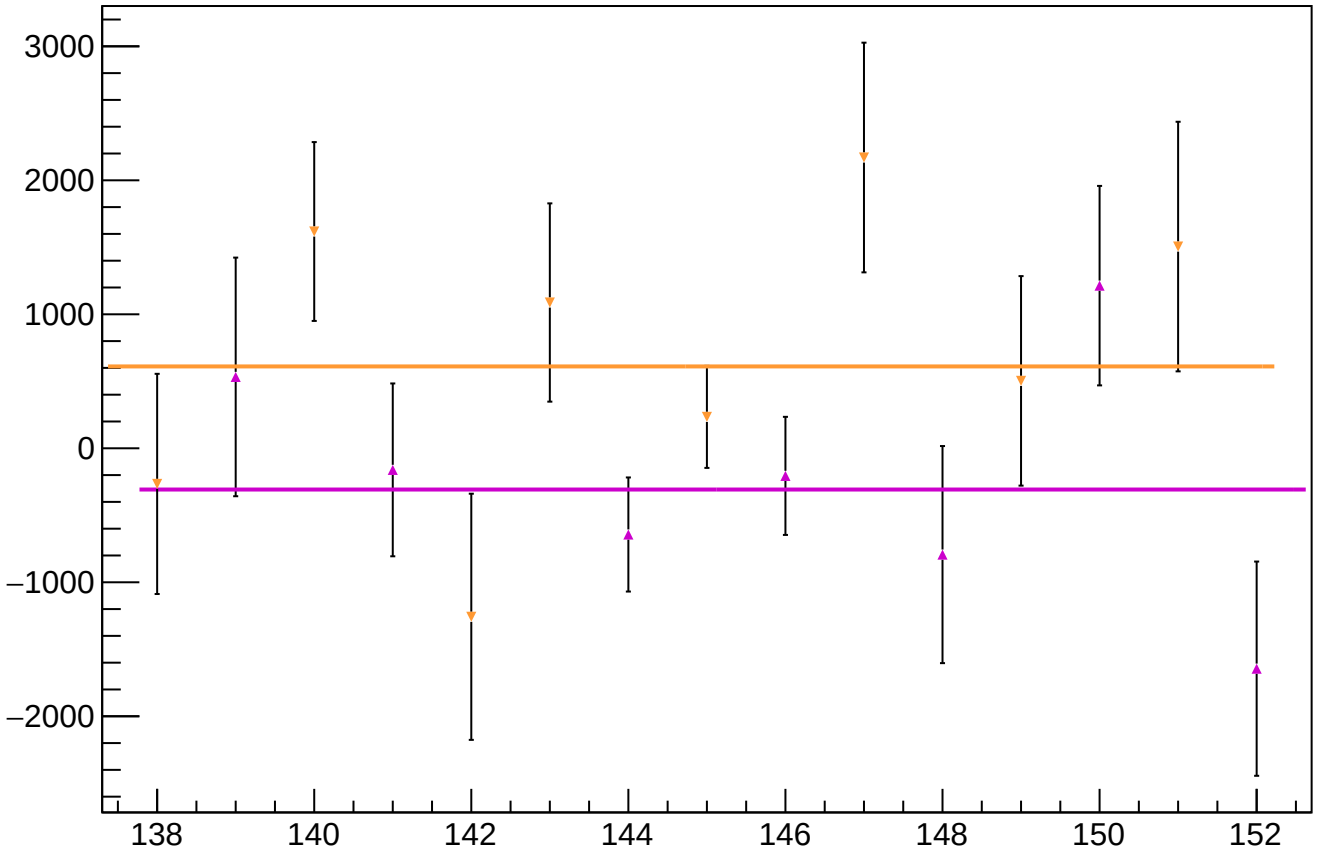
Left In: 522.931+/-0.161 χ^2/NDF:922212.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 519.470+/-0.114 χ^2/NDF: 2210420.4/14

- 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: 610.924+/-237.127 χ^2/NDF:13.2/7

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

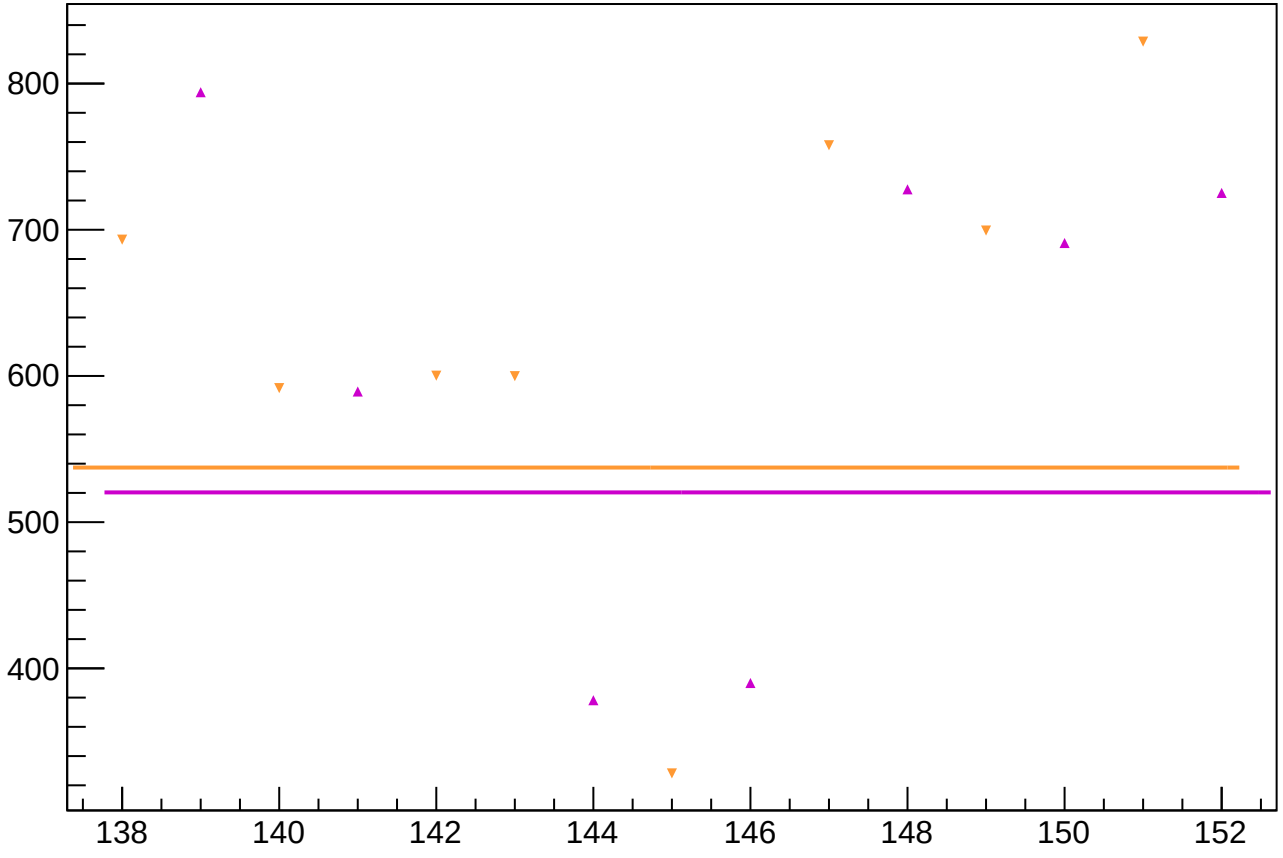
Left In: -307.789+/-228.075 χ^2/NDF:9.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 133.696+/-164.380 χ^2/NDF: 29.9/14

- 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: 537.353+/-0.168 χ^2/NDF:1126441.2/7

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

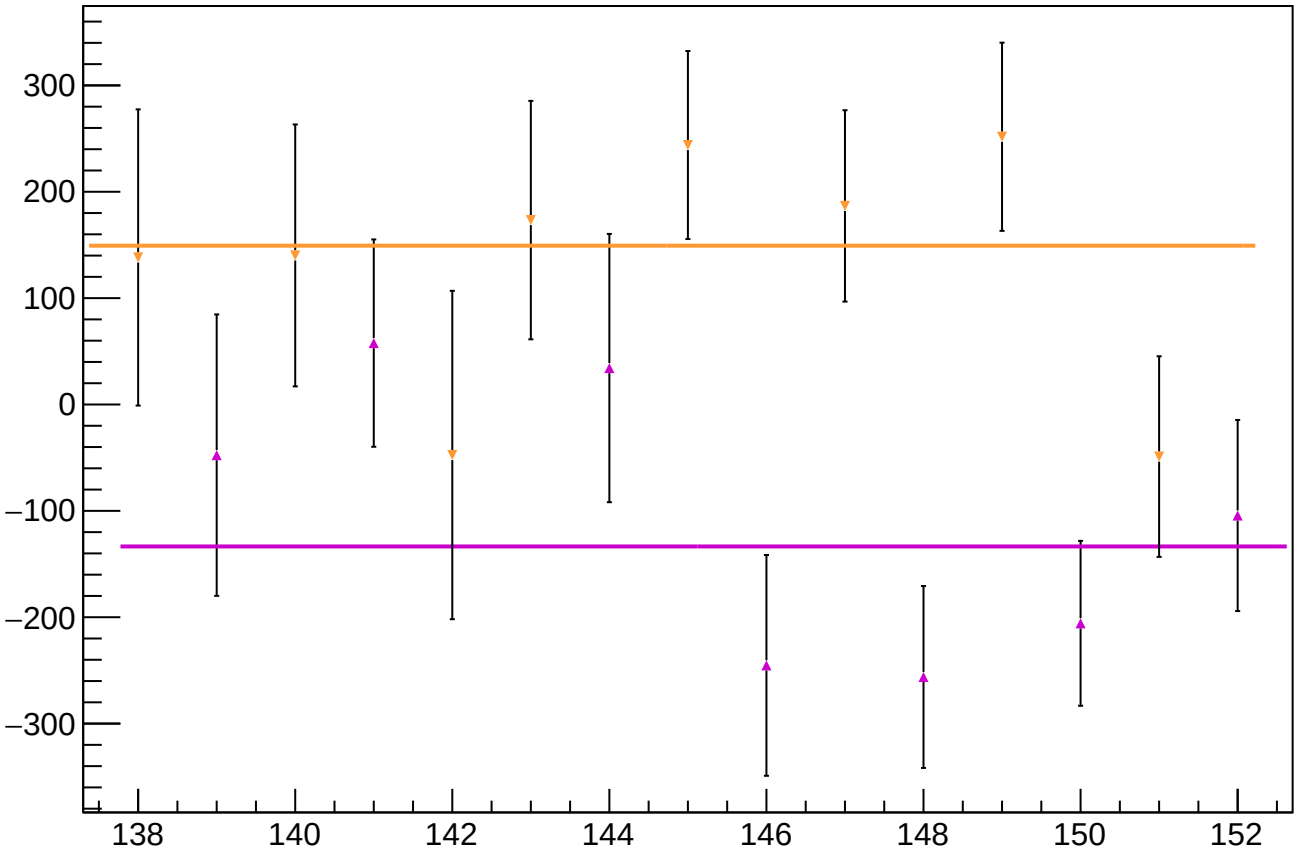
Left In: 520.354+/-0.161 χ^2/NDF:977179.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 528.523+/-0.116 χ^2/NDF: 2108959.5/14

- 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: 149.313+/-36.989 χ^2/NDF:8.8/7

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

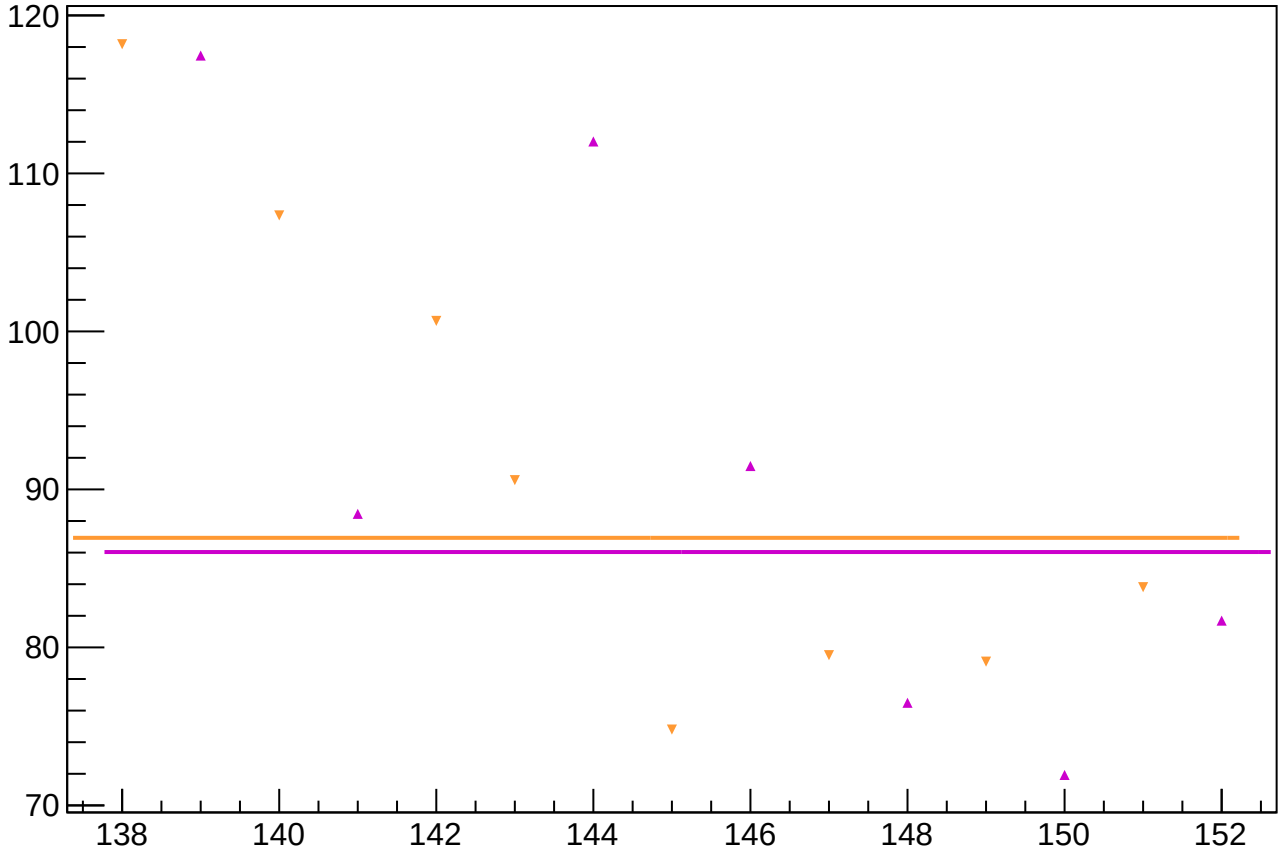
Left In: -133.470+/-36.635 χ^2/NDF:10.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.561+/-26.029 χ^2/NDF: 48.5/14

- 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: 86.935+/-0.026 χ^2/NDF:242787.7/7

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

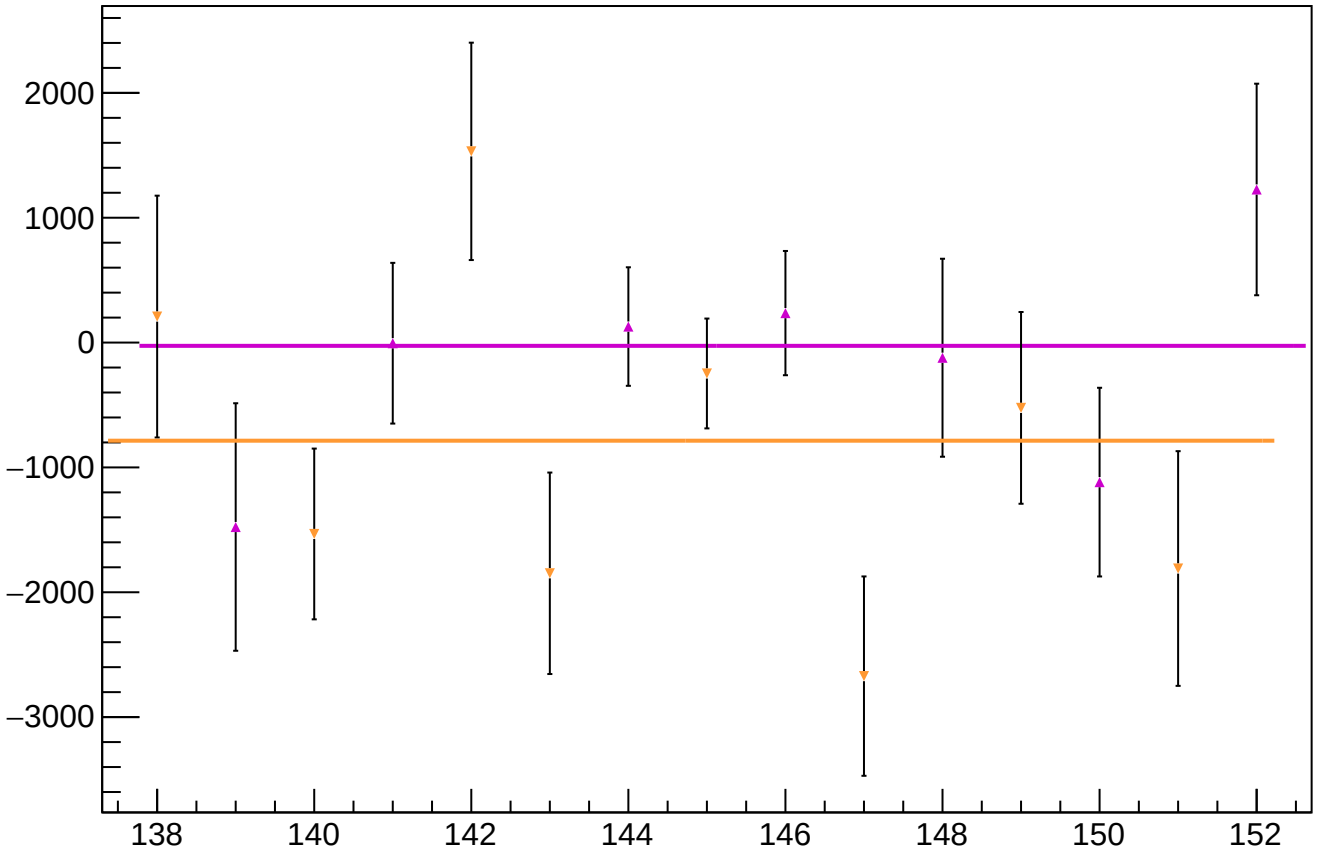
Left In: 86.036+/-0.026 χ^2/NDF:300282.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 86.481+/-0.018 χ^2/NDF: 543667.2/14

- 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: -785.993+/-253.005 χ^2/NDF:19.4/7

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

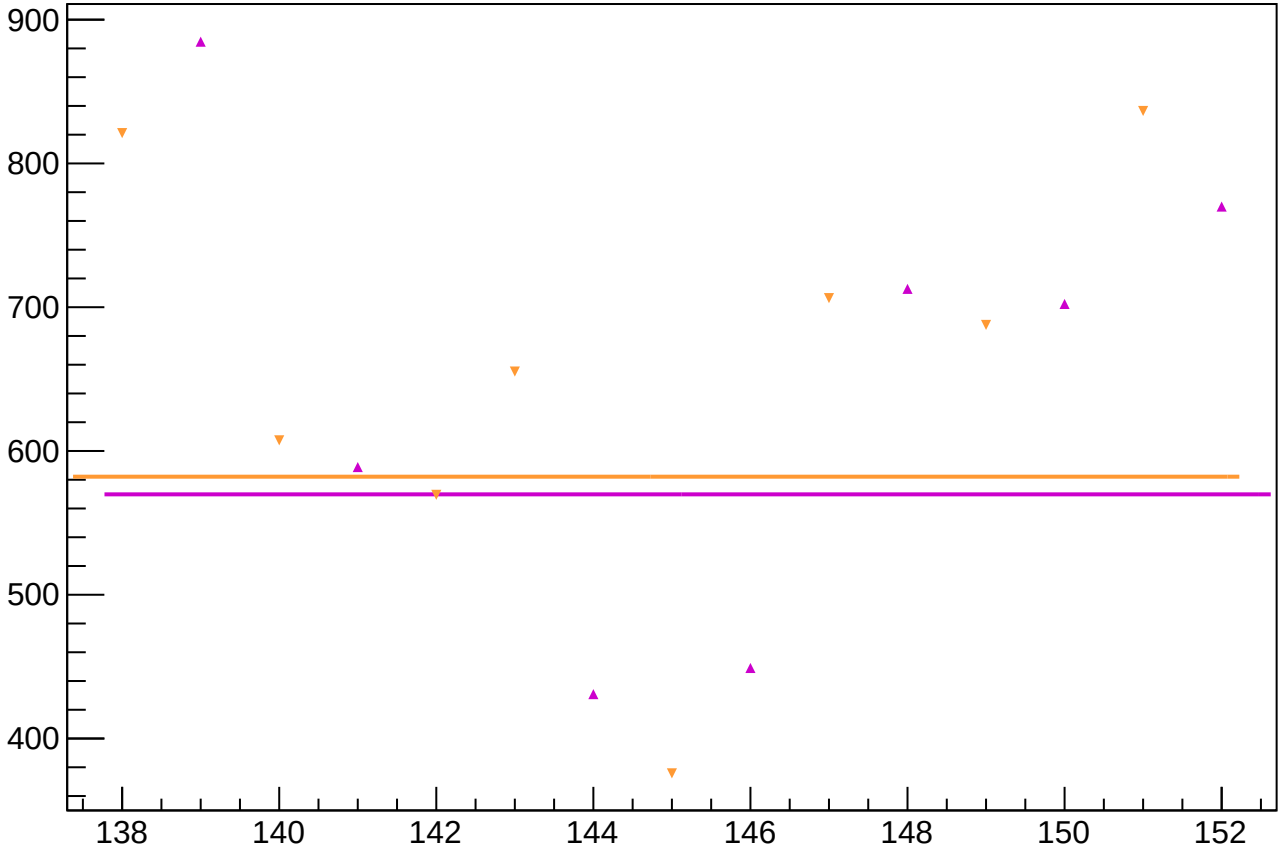
Left In: -26.187+/-245.133 χ^2/NDF:6.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -394.086+/-176.052 χ^2/NDF: 30.9/14

- 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: 582.120+/-0.179 χ^2/NDF:814000.3/7

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

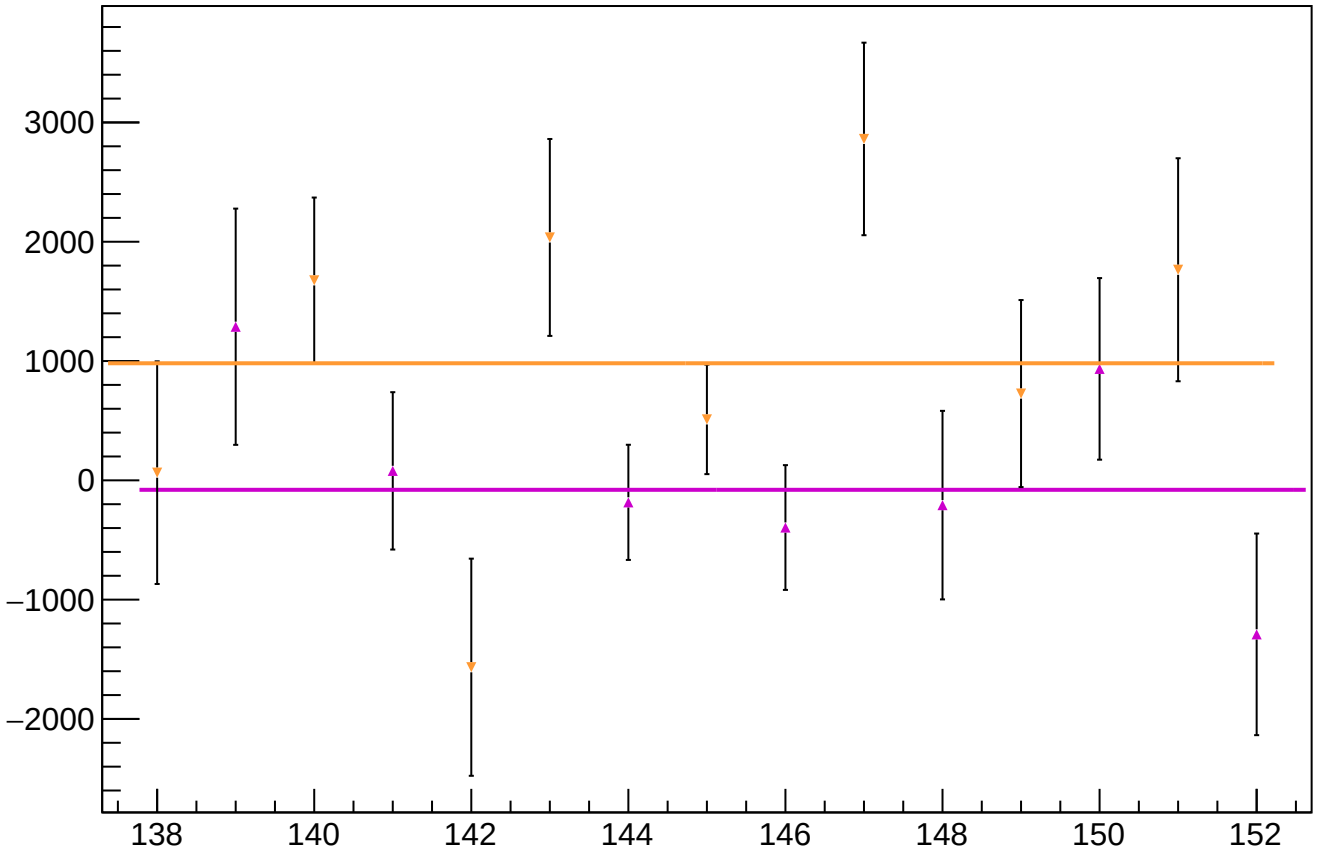
Left In: 569.834+/-0.173 χ^2/NDF:730712.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 575.783+/-0.124 χ^2/NDF: 1547145.2/14

- 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: 981.351+/-258.572 χ^2/NDF:18.7/7

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

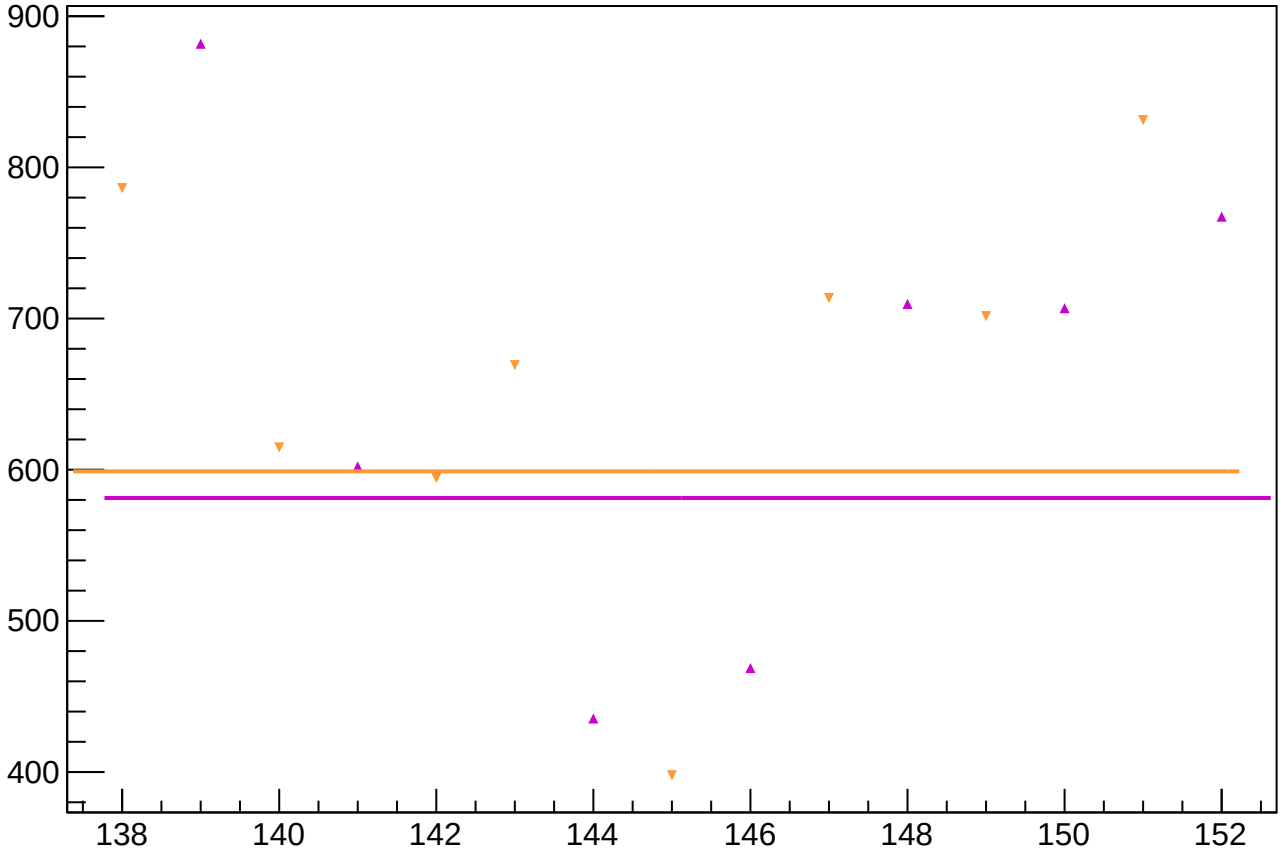
Left In: -79.395+/-250.025 χ^2/NDF:6.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 433.159+/-179.740 χ^2/NDF: 33.7/14

- 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: 598.897+/-0.183 χ^2/NDF:678456.4/7

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

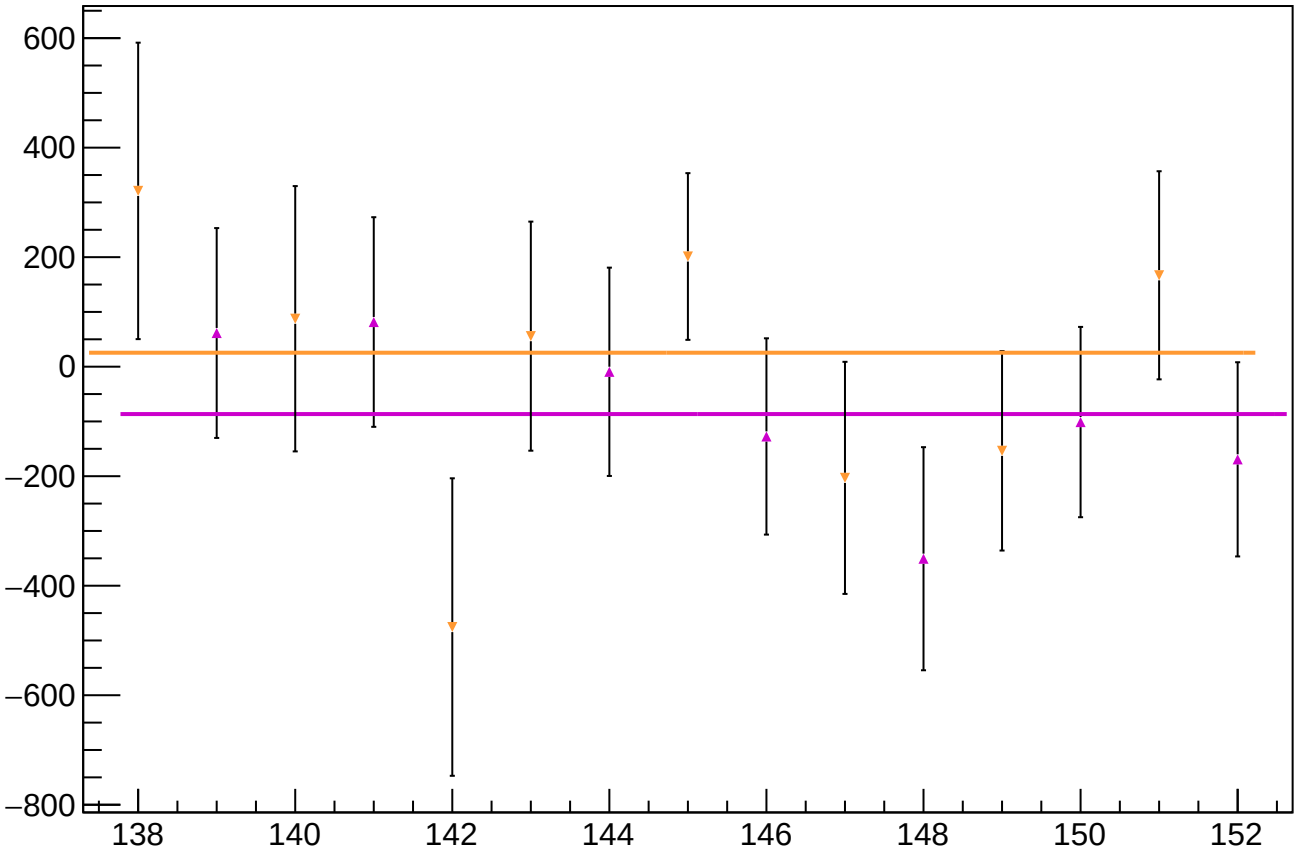
Left In: 581.307+/-0.177 χ^2/NDF:665612.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 589.806+/-0.127 χ^2/NDF: 1348852.2/14

- 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: 25.508+/-72.479 χ^2/NDF:8.7/7

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

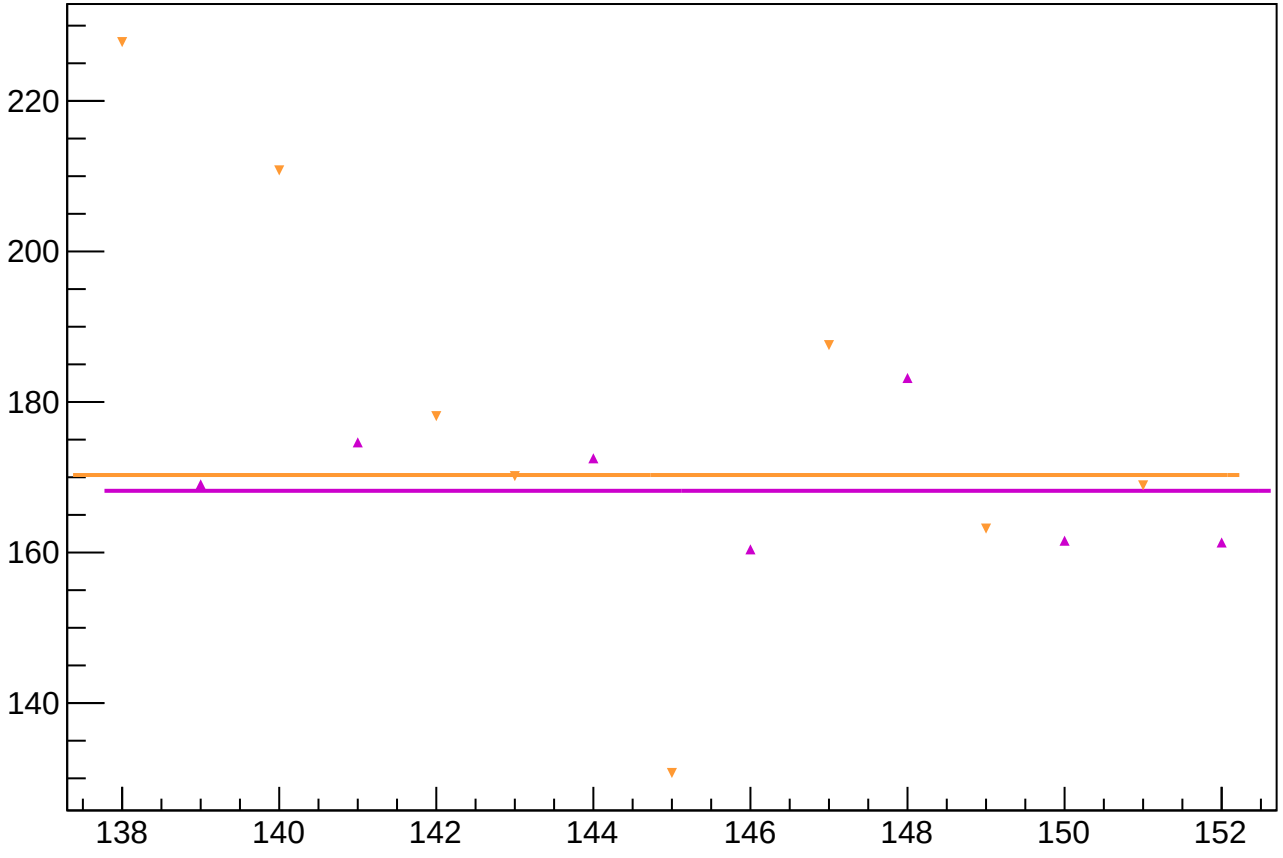
Left In: -86.534+/-70.305 χ^2/NDF:3.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.218+/-50.464 χ^2/NDF: 13.4/14

- 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: 170.298+/-0.051 χ^2/NDF:299458.5/7

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

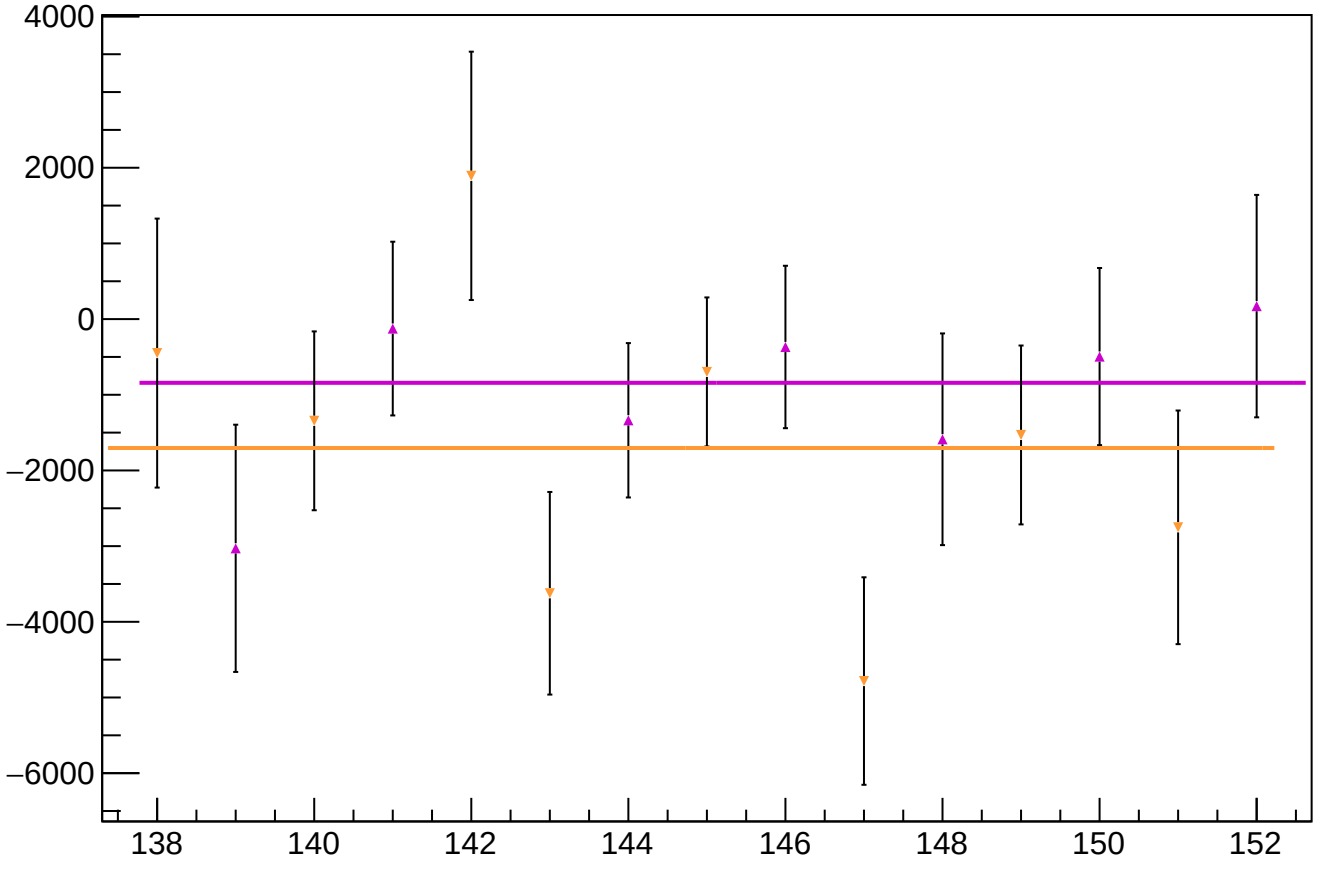
Left In: 168.200+/-0.050 χ^2/NDF:23837.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 169.217+/-0.036 χ^2/NDF: 324159.2/14

- 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: -1703.221+/-463.180 χ^2/NDF:14.0/7

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

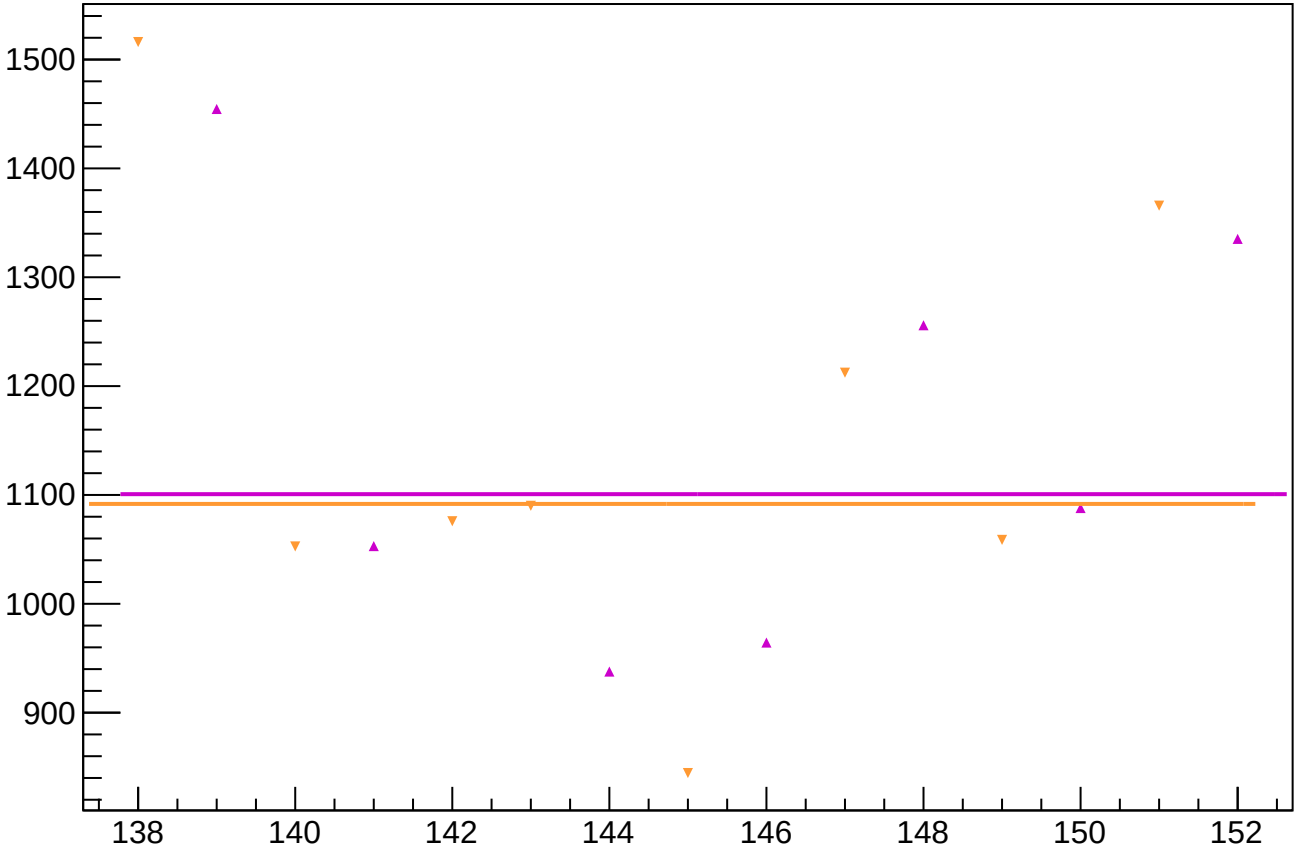
Left In: -841.801+/-462.858 χ^2/NDF:3.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1272.212+/-327.404 χ^2/NDF: 19.2/14

- 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: 1091.764+/-0.328 χ^2/NDF:322532.8/7

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

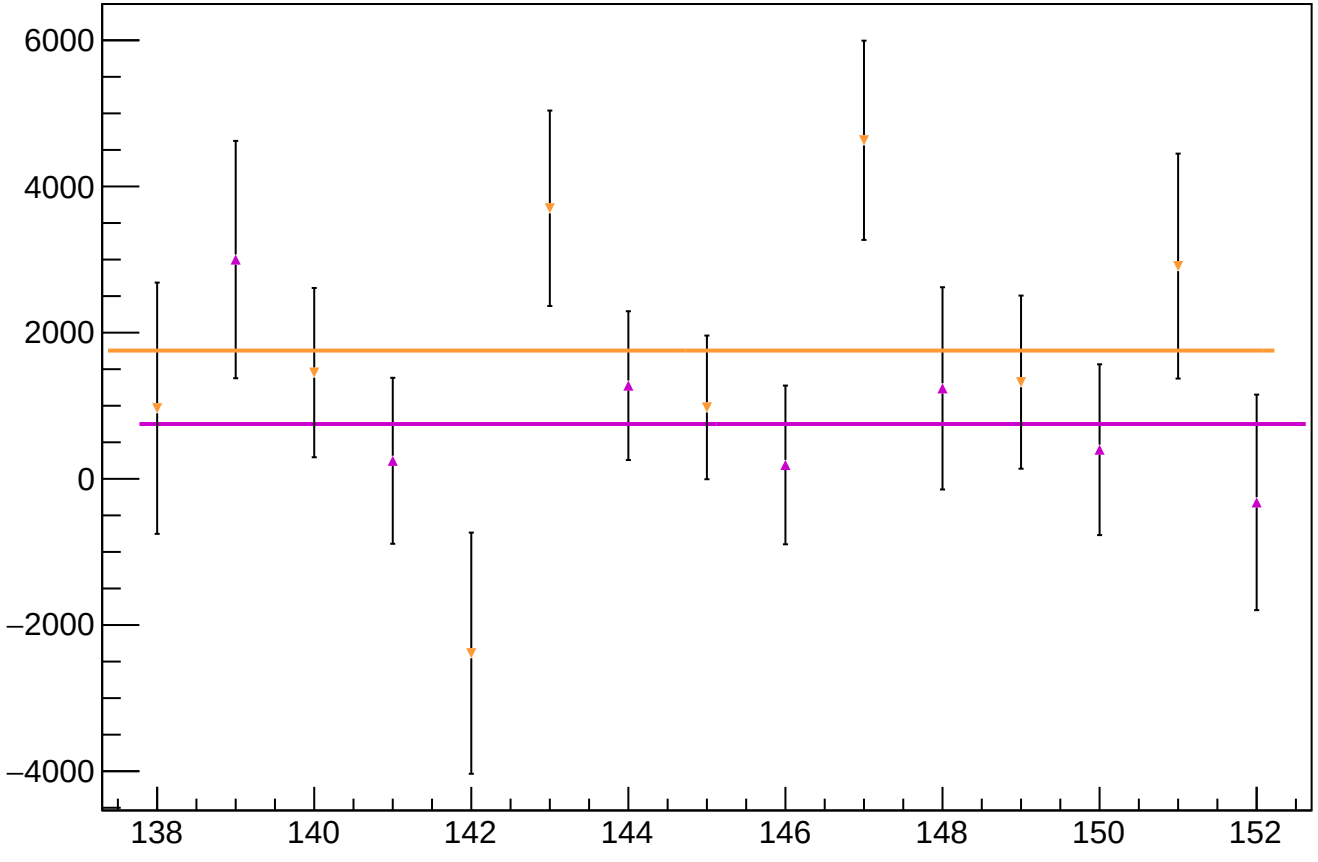
Left In: 1100.728+/-0.327 χ^2/NDF:256443.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1096.249+/-0.232 χ^2/NDF: 579351.3/14

- 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: 1755.025+/-460.283 χ^2/NDF:14.5/7

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

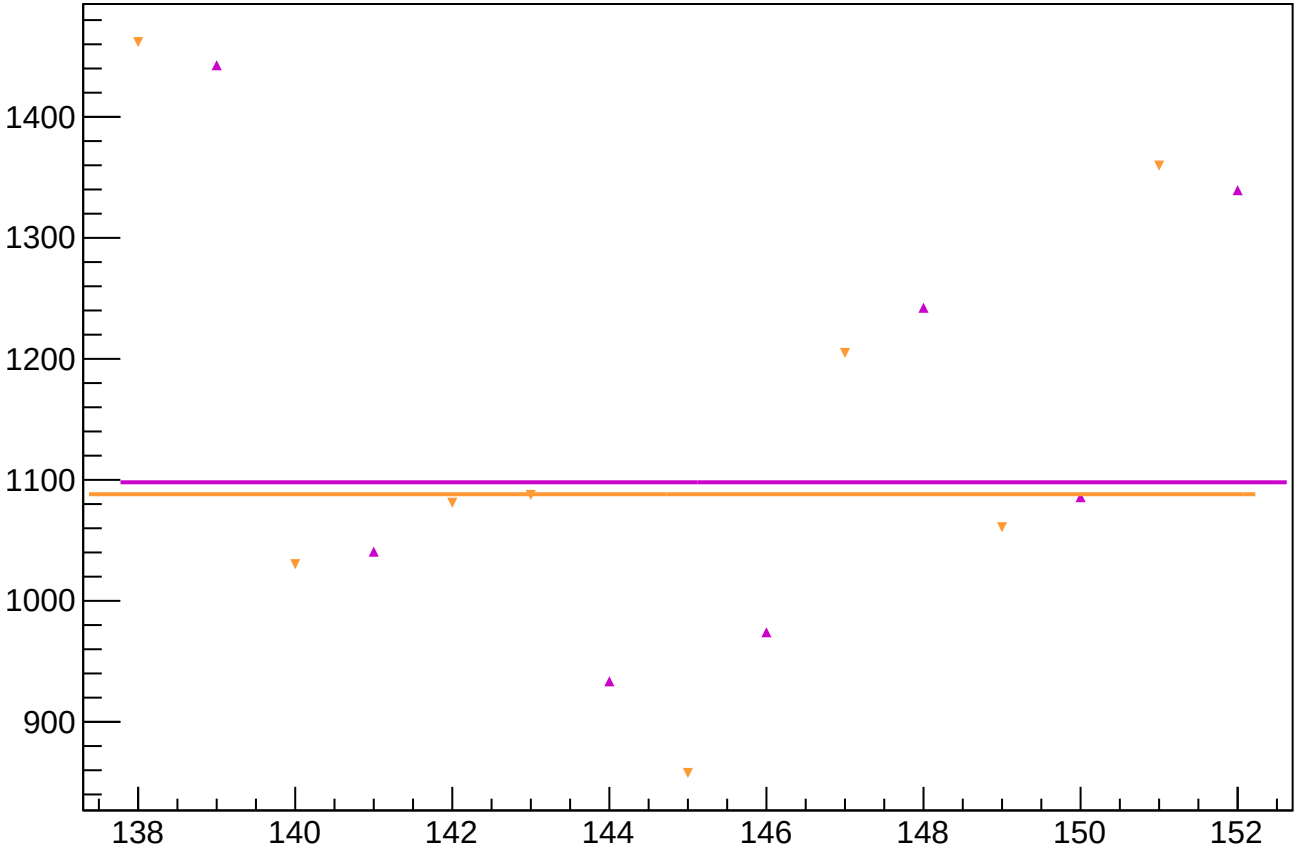
Left In: 749.891+/-462.082 χ^2/NDF:3.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1254.418+/-326.103 χ^2/NDF: 20.2/14

- 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: 1088.126+/-0.325 χ^2/NDF:287463.2/7

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

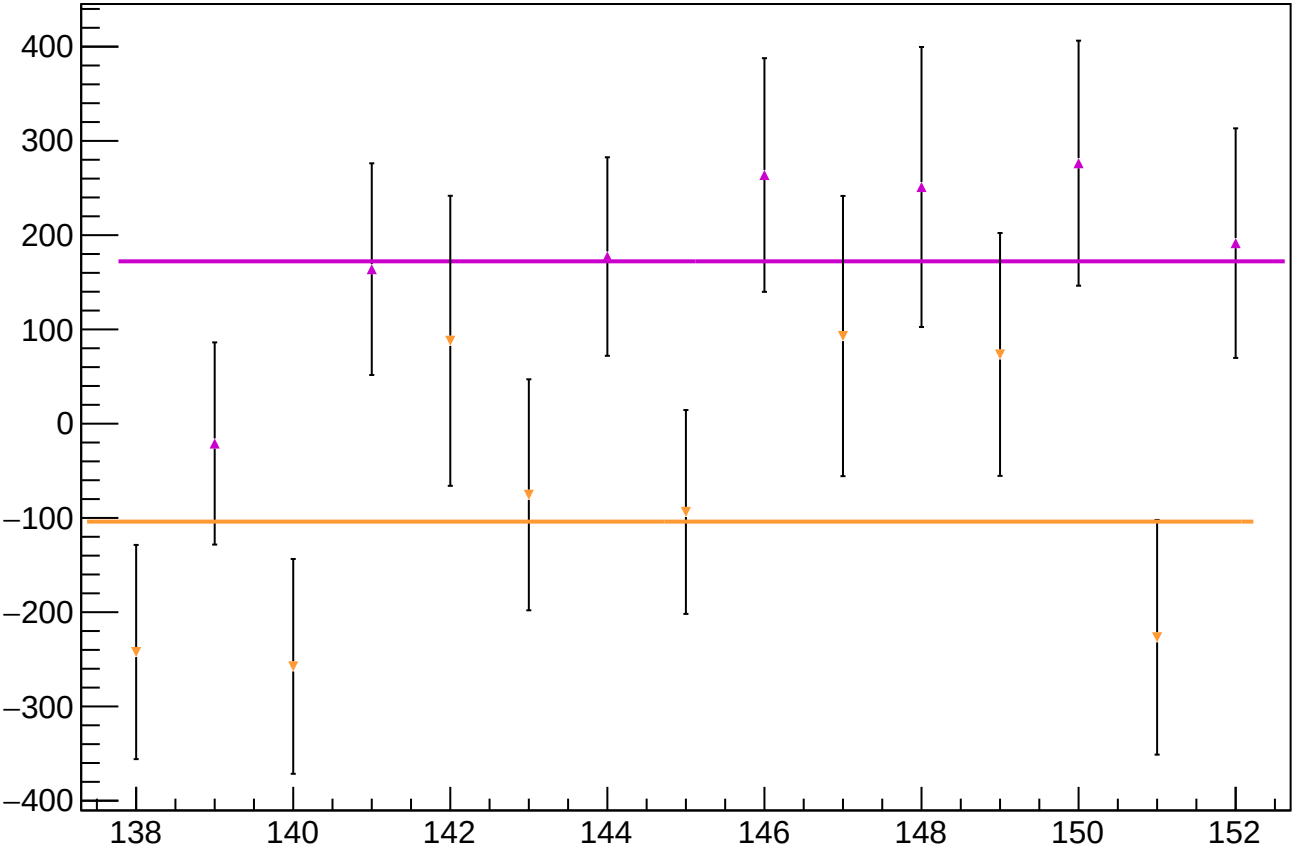
Left In: 1097.988+/-0.327 χ^2/NDF:249133.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1093.038+/-0.231 χ^2/NDF: 537054.3/14

- 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: -103.905+/-43.903 χ^2/NDF:9.5/7

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

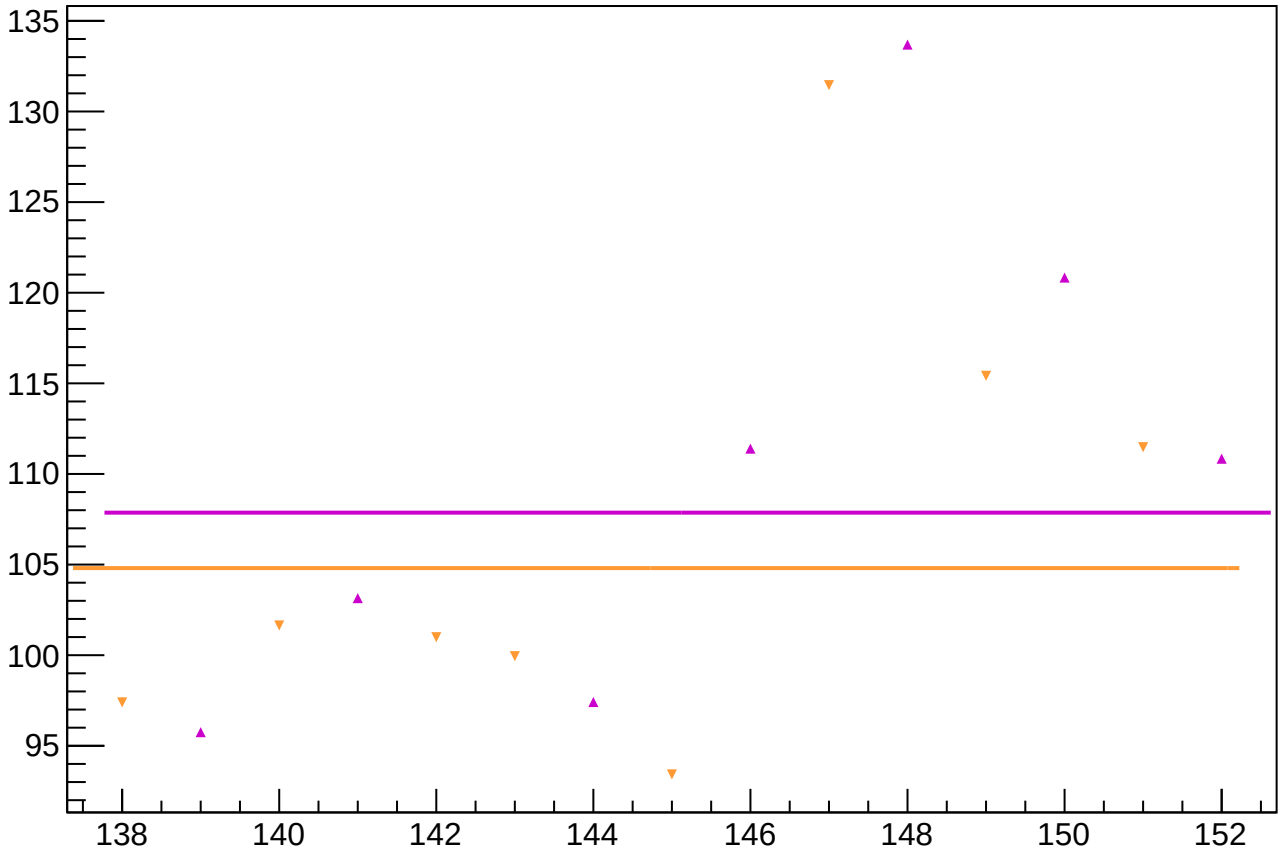
Left In: 172.234+/-45.019 χ^2/NDF:4.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 30.700+/-31.431 χ^2/NDF: 33.6/14

- 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: 104.805+/-0.031 χ^2/NDF:120144.5/7

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

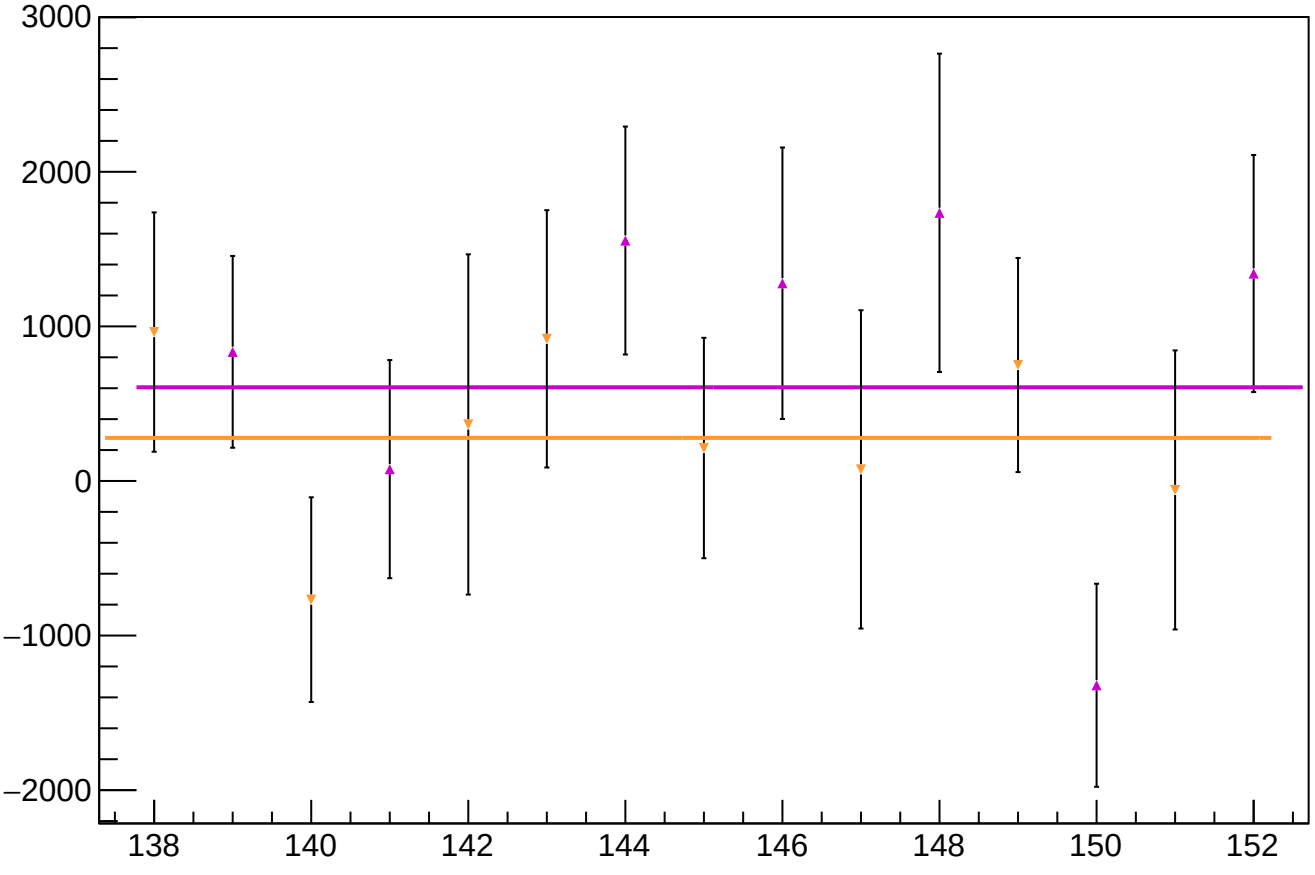
Left In: 107.865+/-0.032 χ^2/NDF:131911.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 106.297+/-0.022 χ^2/NDF: 256791.7/14

- 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: 278.663+/-283.505 χ^2/NDF:4.5/7

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

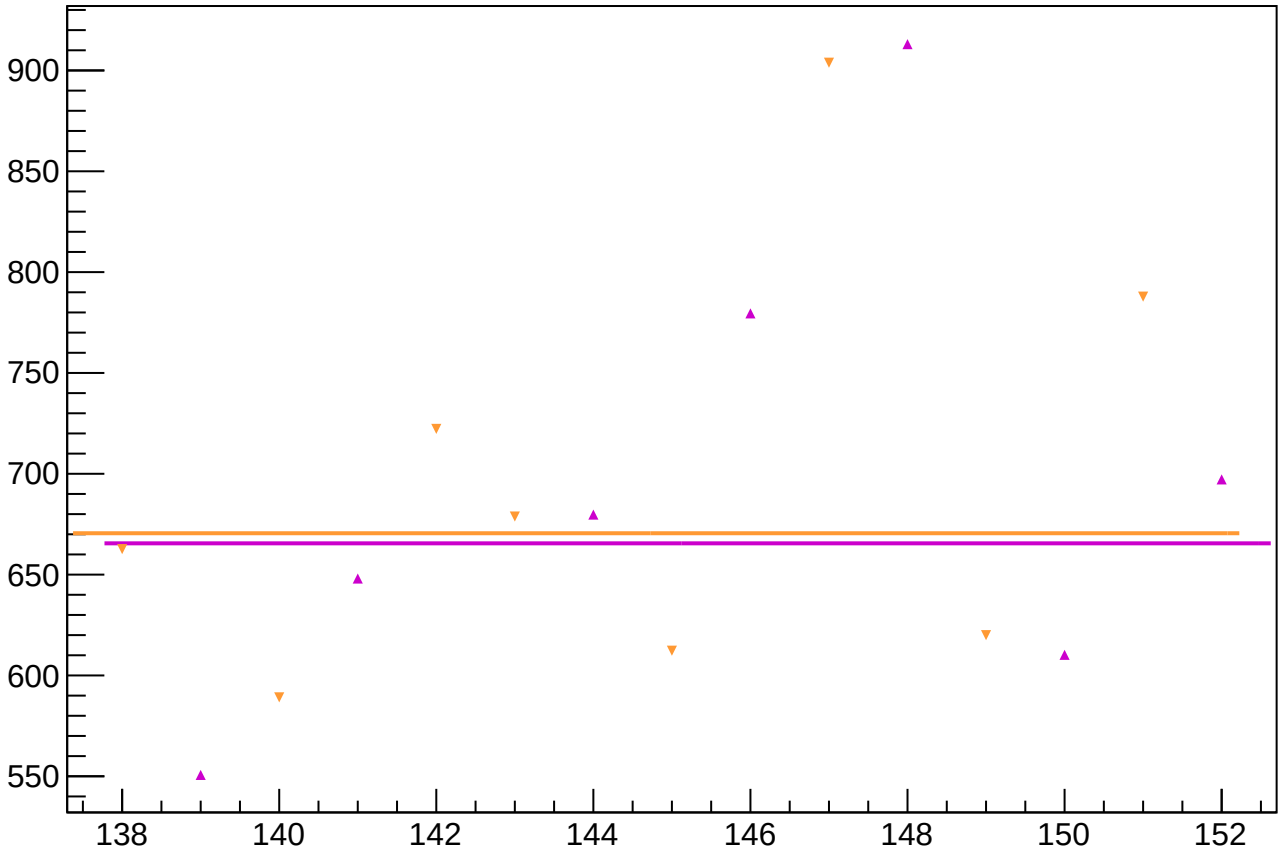
Left In: 605.967+/-280.567 χ^2/NDF:13.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 444.020+/-199.421 χ^2/NDF: 18.9/14

- 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: 670.518+/-0.200 χ^2/NDF:195531.4/7

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

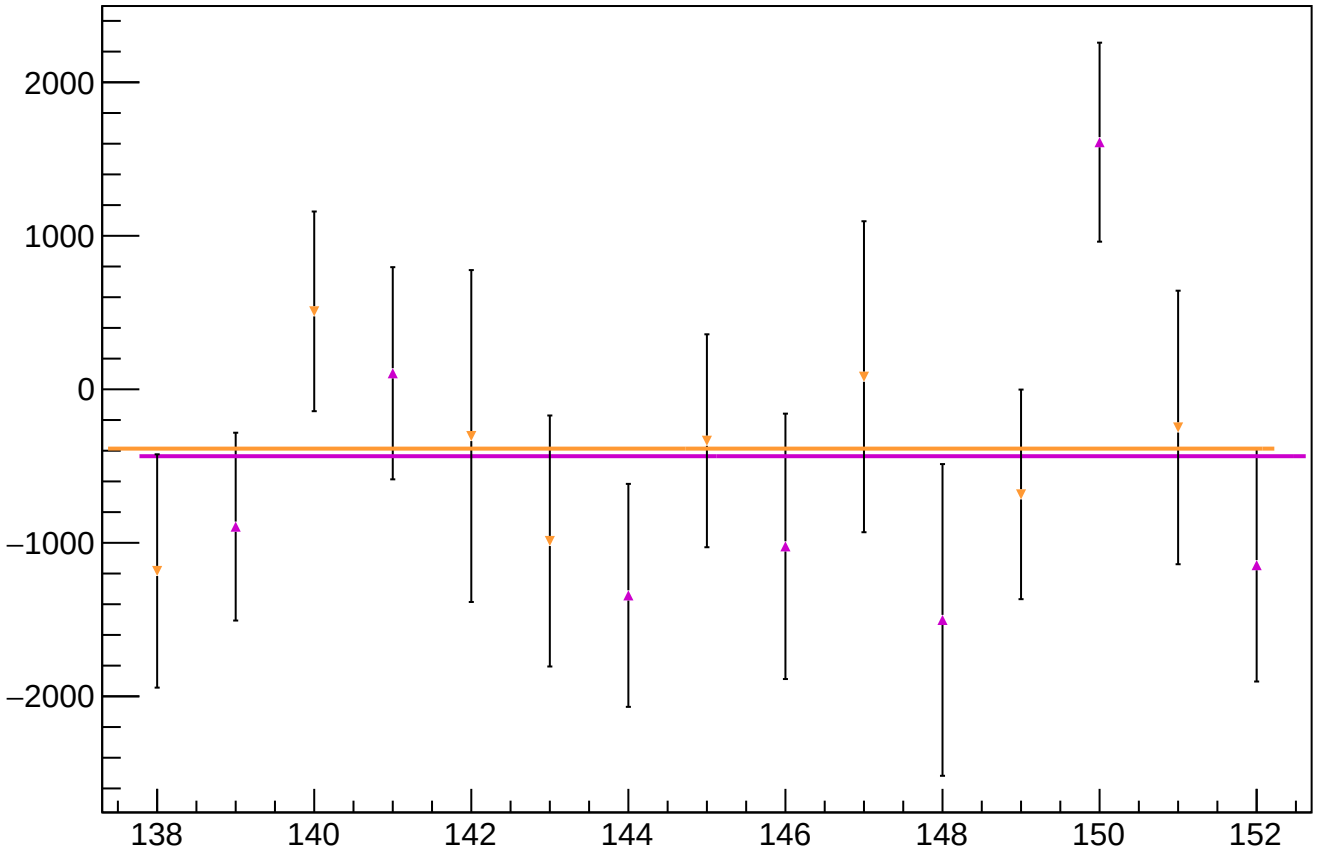
Left In: 665.512+/-0.198 χ^2/NDF:237398.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 667.989+/-0.141 χ^2/NDF: 433244.7/14

- 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: -386.288+/-278.355 χ^2/NDF:4.0/7

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

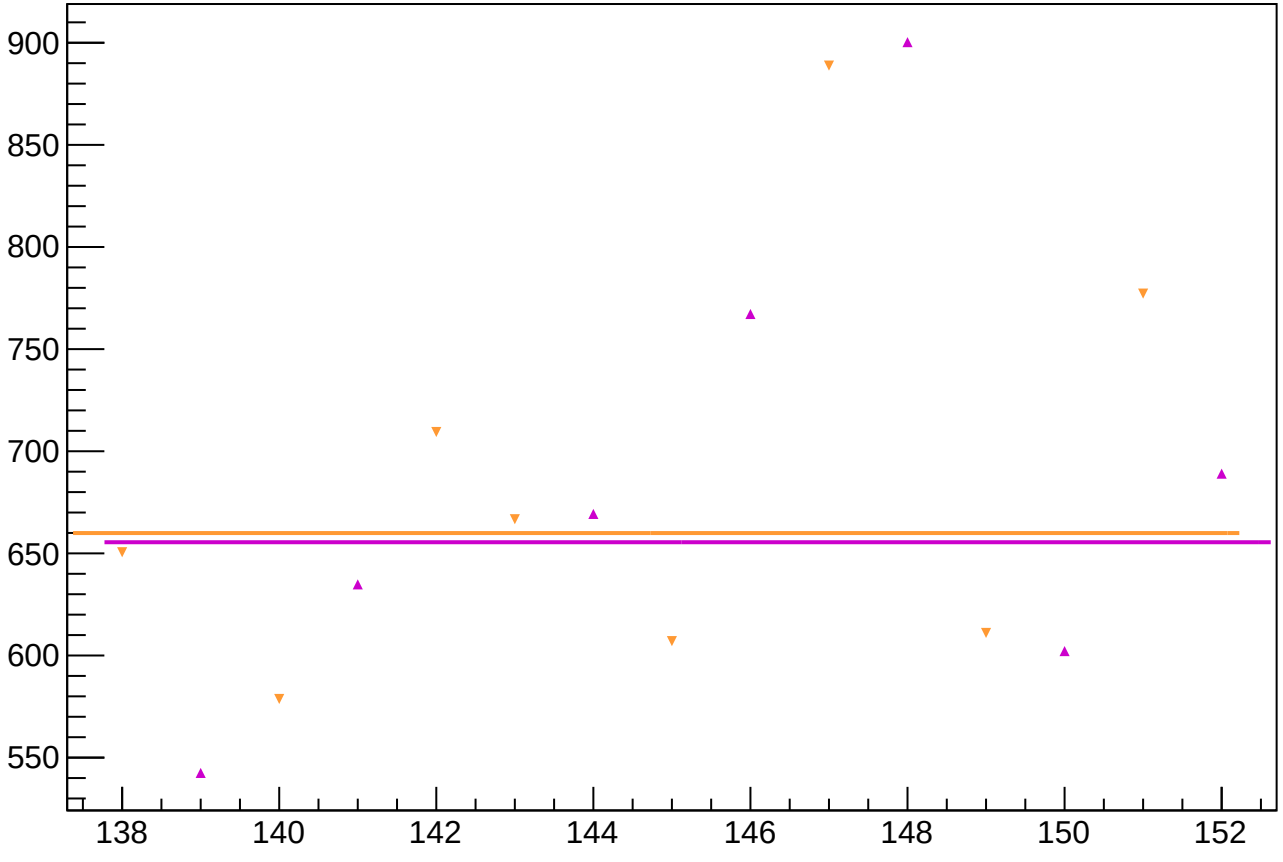
Left In: -435.696+/-276.396 χ^2/NDF:15.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -411.166+/-196.130 χ^2/NDF: 19.1/14

- 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: 659.948+/-0.197 χ^2/NDF:194463.0/7

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

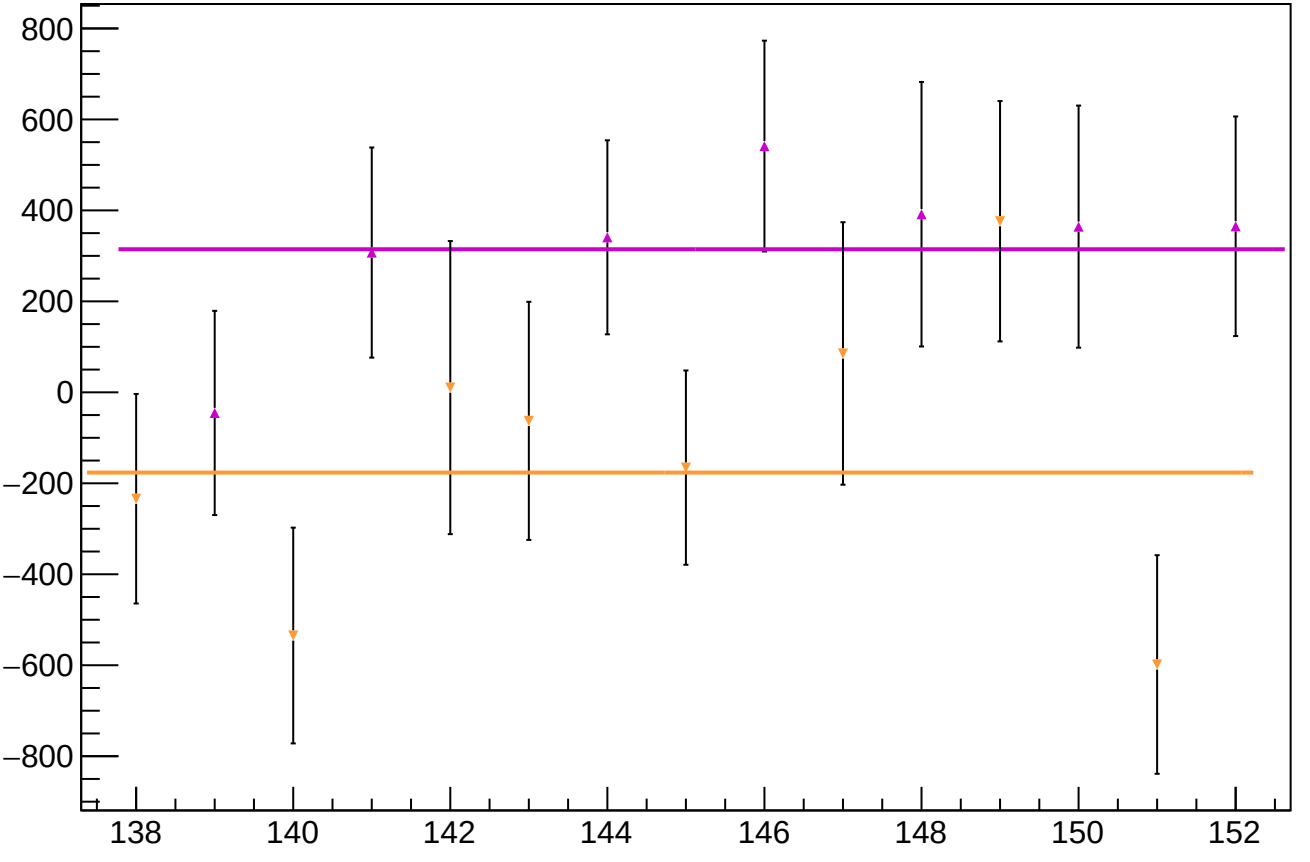
Left In: 655.454+/-0.195 χ^2/NDF:237861.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 657.685+/-0.139 χ^2/NDF: 432586.5/14

- 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: -176.405+/-88.936 χ^2/NDF:11.2/7

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

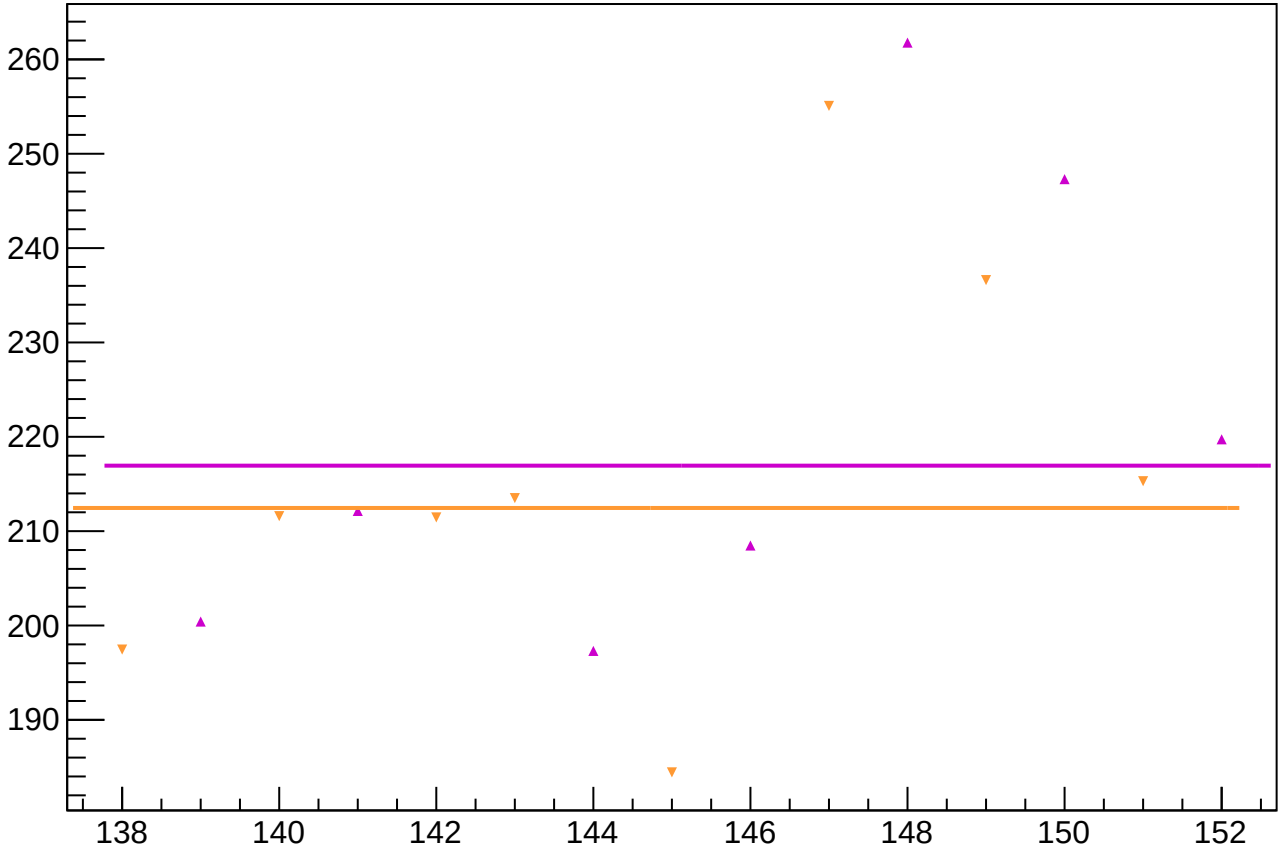
Left In: 314.570+/-90.428 χ^2/NDF:3.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 64.997+/-63.408 χ^2/NDF: 29.8/14

- 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: 212.458+/-0.063 χ^2/NDF:103617.8/7

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

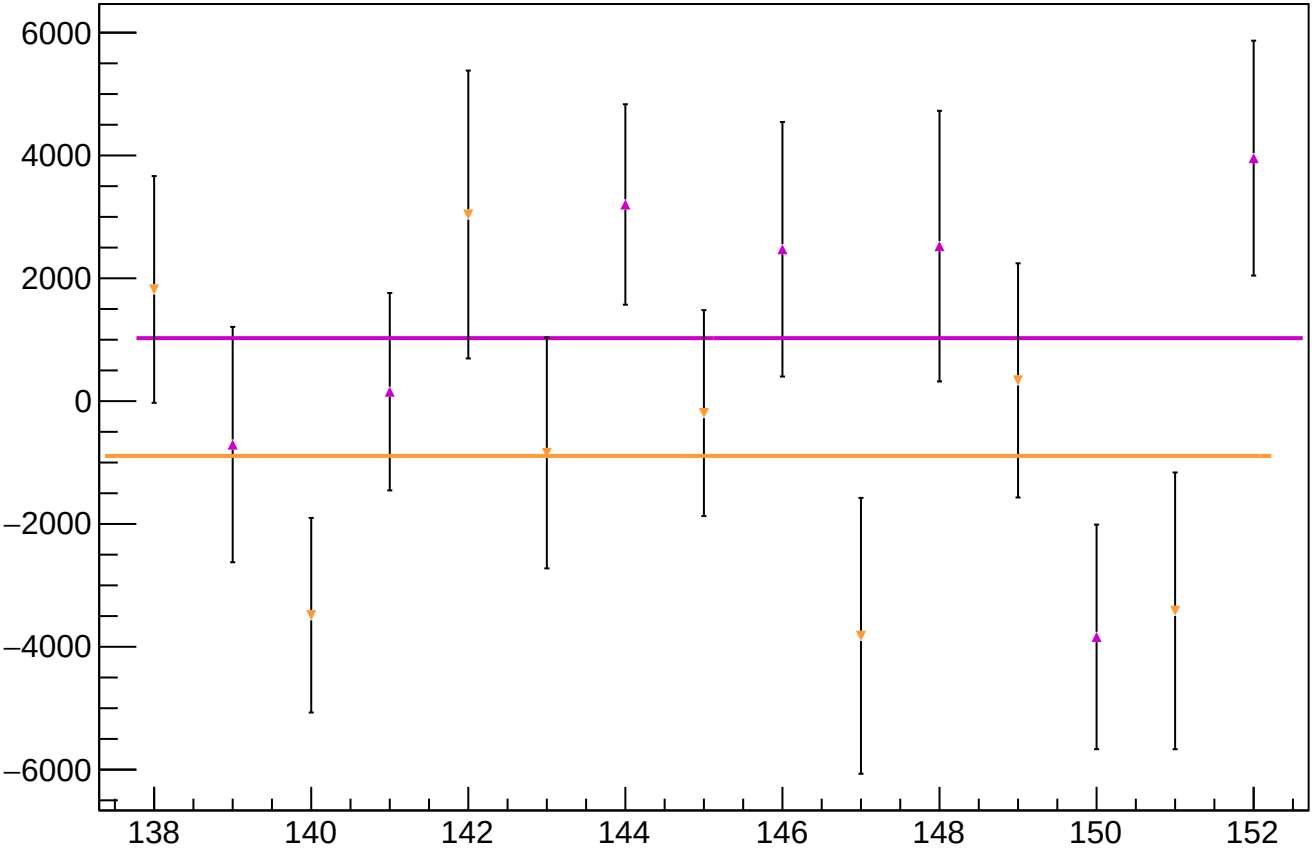
Left In: 216.942+/-0.064 χ^2/NDF:105166.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 214.663+/-0.045 χ^2/NDF: 211284.3/14

- 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: -891.676+/-676.841 χ^2/NDF:11.2/7

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

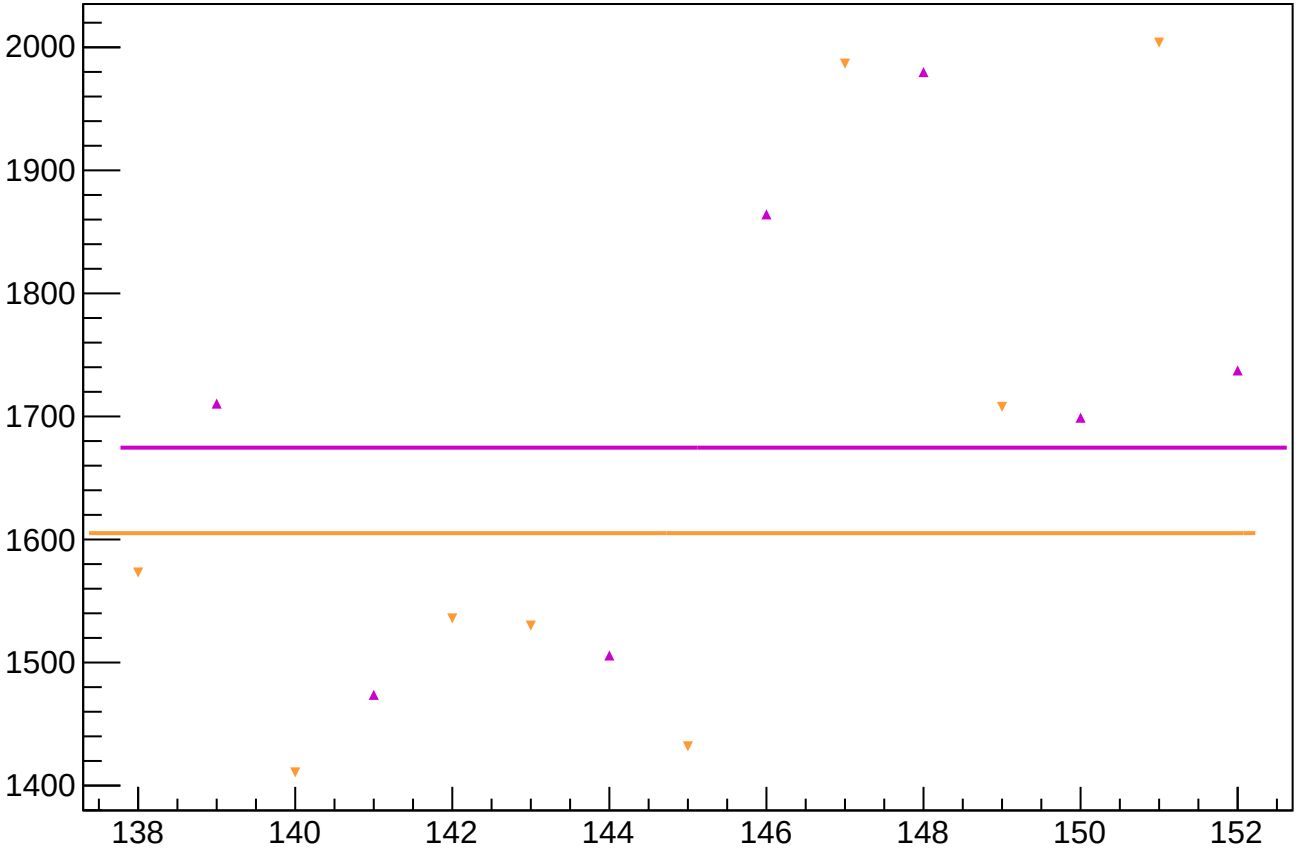
Left In: 1025.650+/-699.011 χ^2/NDF:13.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 36.100+/-486.248 χ^2/NDF: 28.3/14

- 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: 1605.160+/-0.479 χ^2/NDF:183149.7/7

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

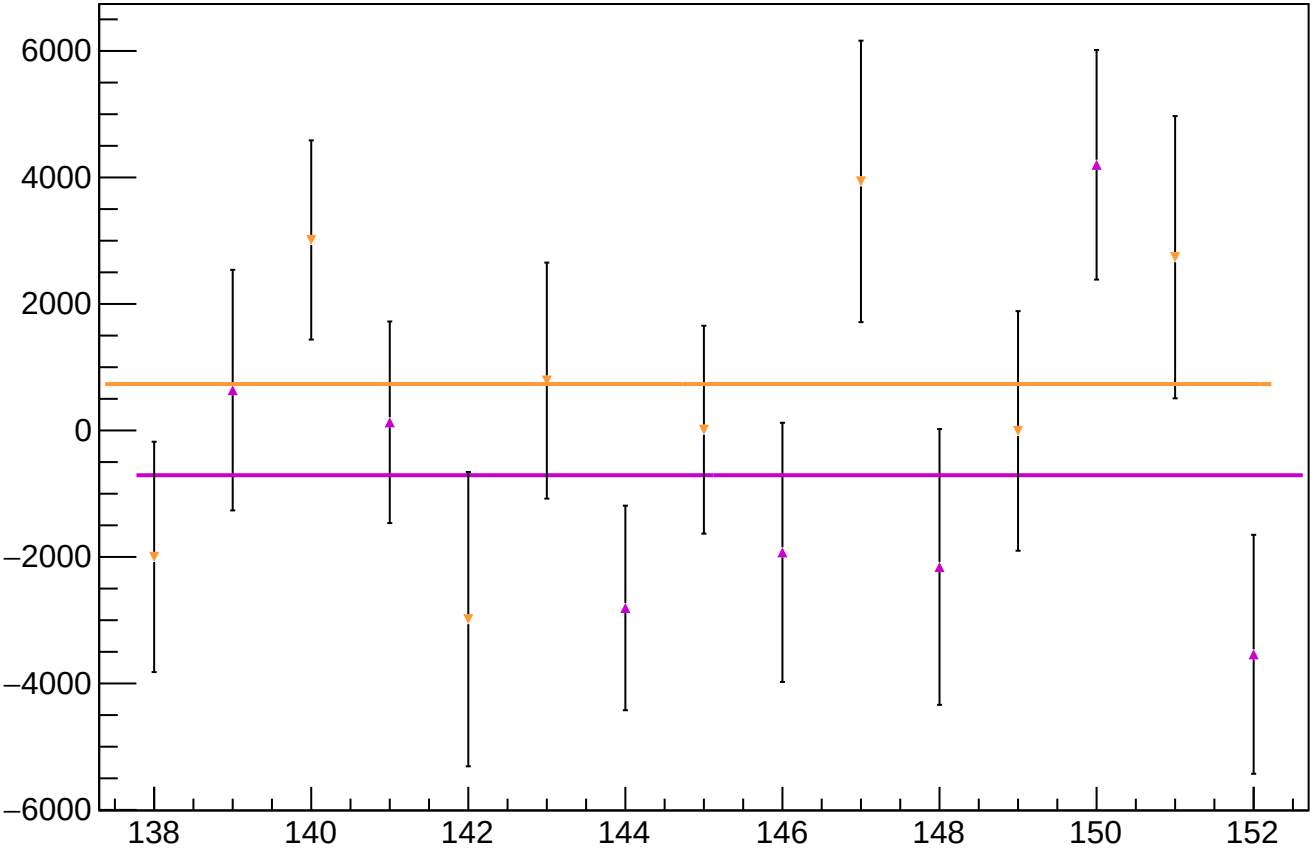
Left In: 1674.640+/-0.494 χ^2/NDF:111004.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1638.781+/-0.344 χ^2/NDF: 304352.3/14

- 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: 733.490+/-669.831 χ^2/NDF:10.1/7

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

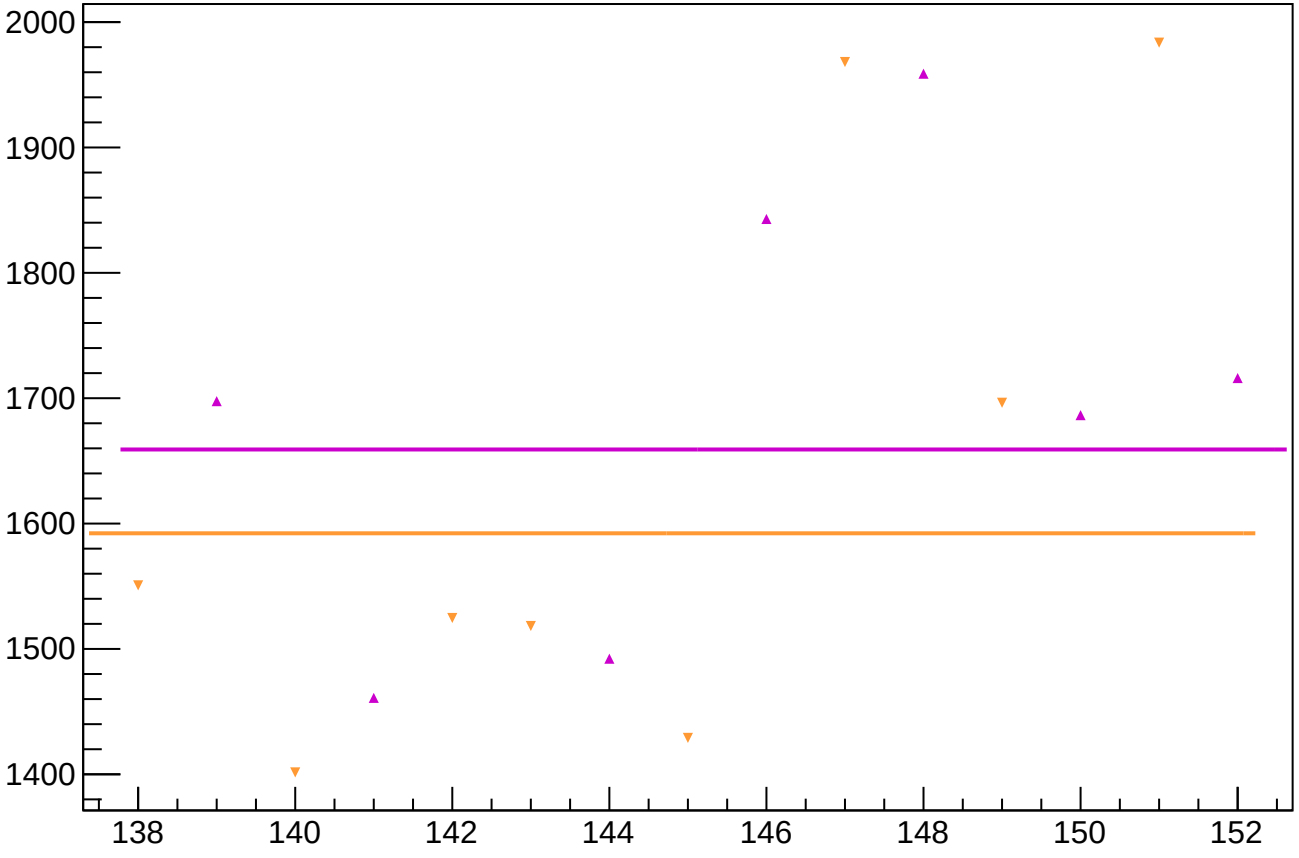
Left In: -707.665+/-692.539 χ^2/NDF:12.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 36.927+/-481.470 χ^2/NDF: 25.2/14

- 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: 1592.242+/-0.474 χ^2/NDF:179608.0/7

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

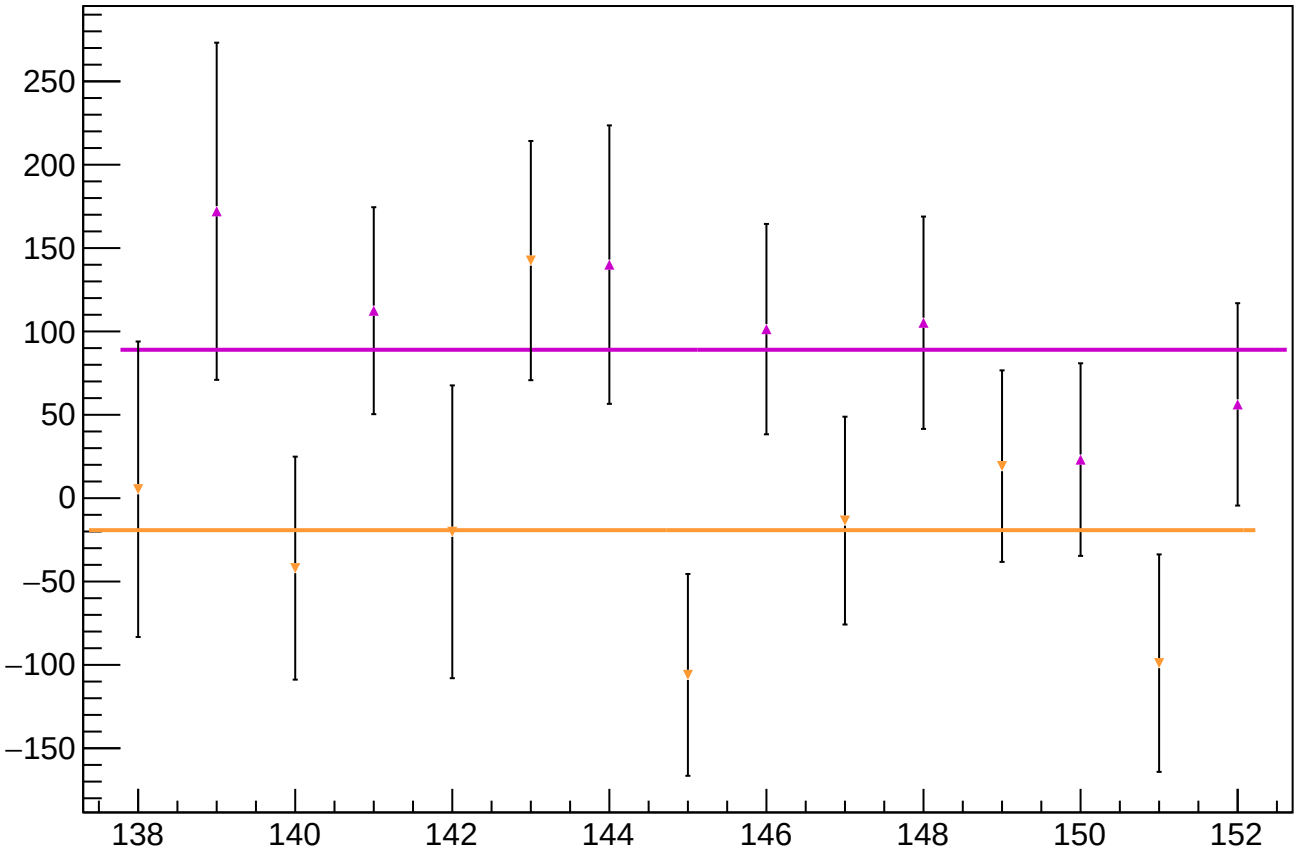
Left In: 1659.099+/-0.490 χ^2/NDF:109225.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1624.557+/-0.340 χ^2/NDF: 298463.7/14

- 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: -19.200+/-23.949 χ^2/NDF:9.3/7

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

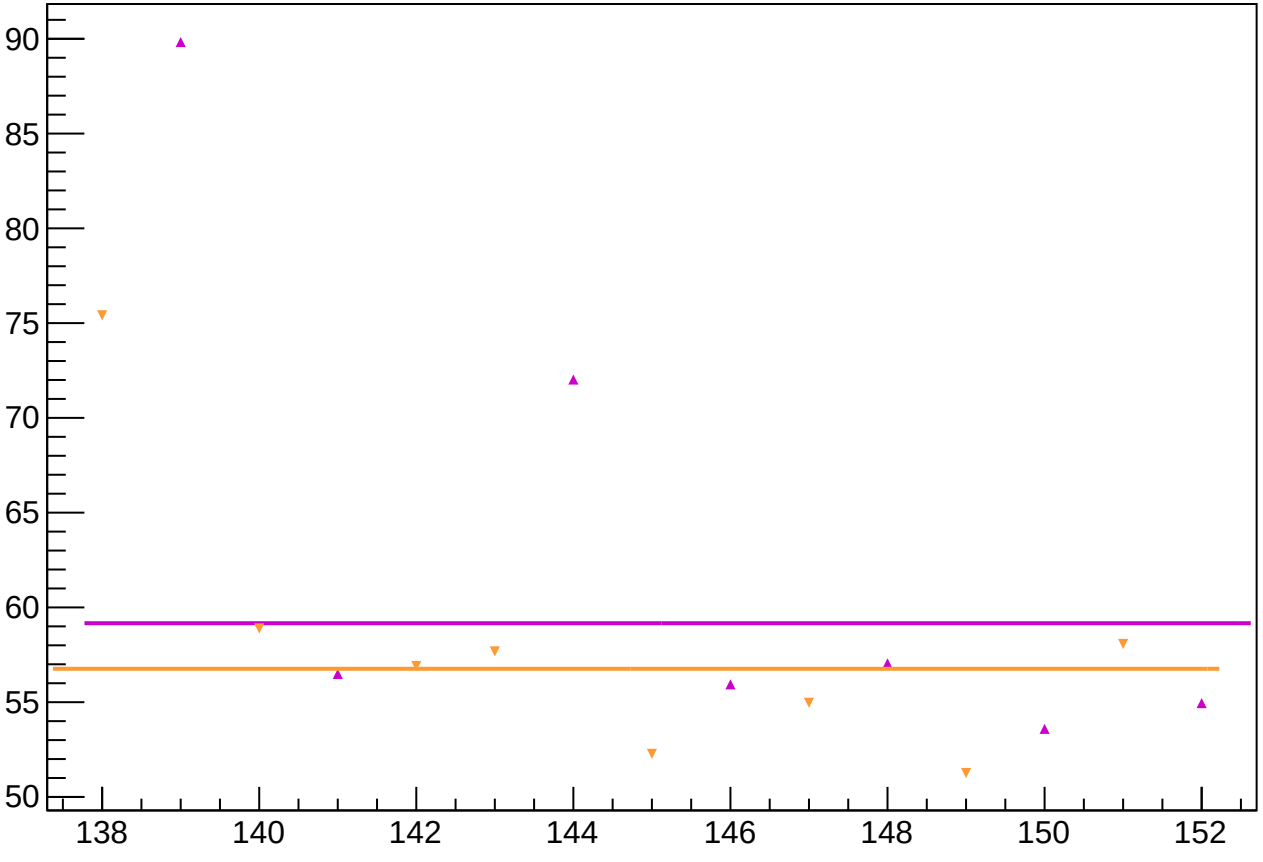
Left In: 89.010+/-25.239 χ^2/NDF:2.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 32.068+/-17.373 χ^2/NDF: 21.8/14

- 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: 56.763+/-0.017 χ^2/NDF:122707.2/7

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

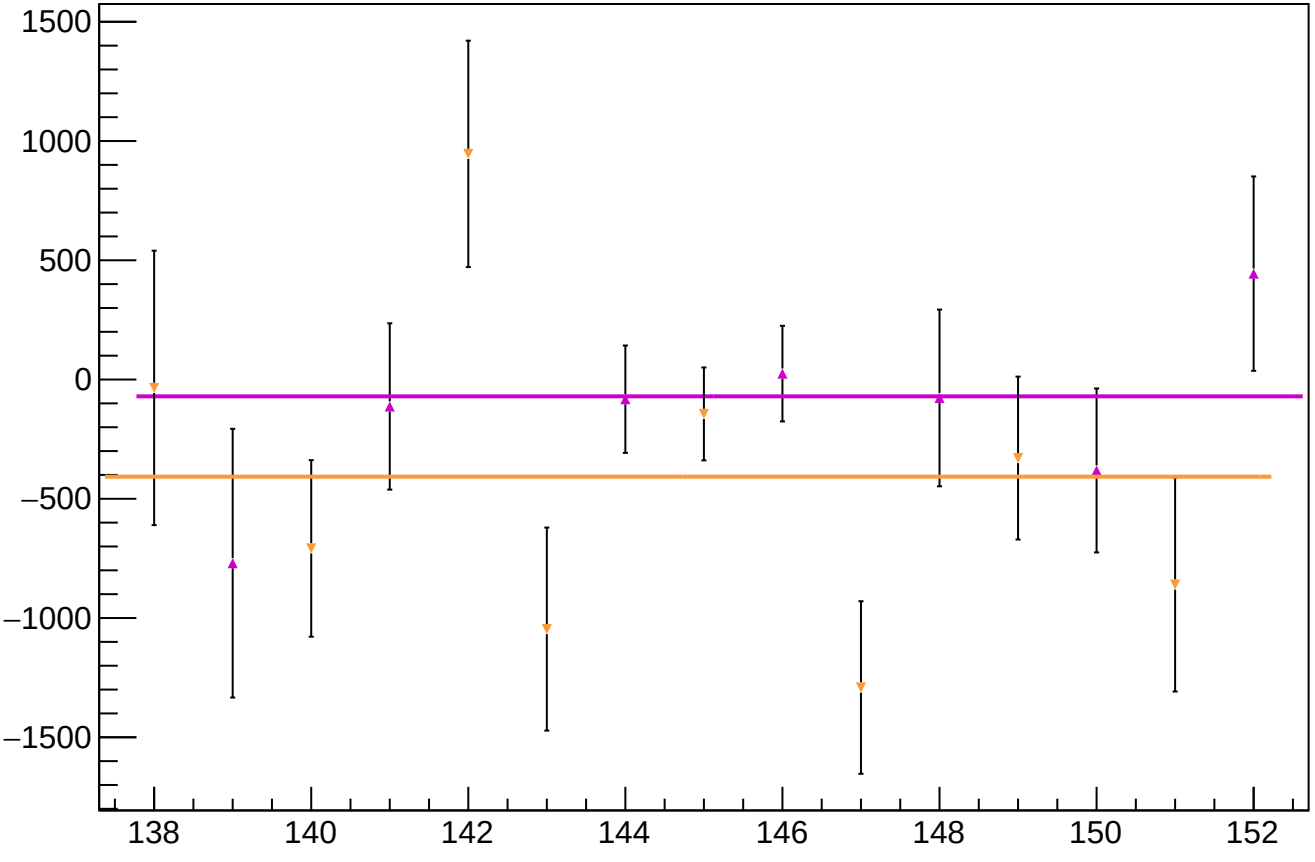
Left In: 59.167+/-0.018 χ^2/NDF:270740.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 57.902+/-0.012 χ^2/NDF: 402995.2/14

- 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: -407.266+/-121.443 χ^2/NDF:20.3/7

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

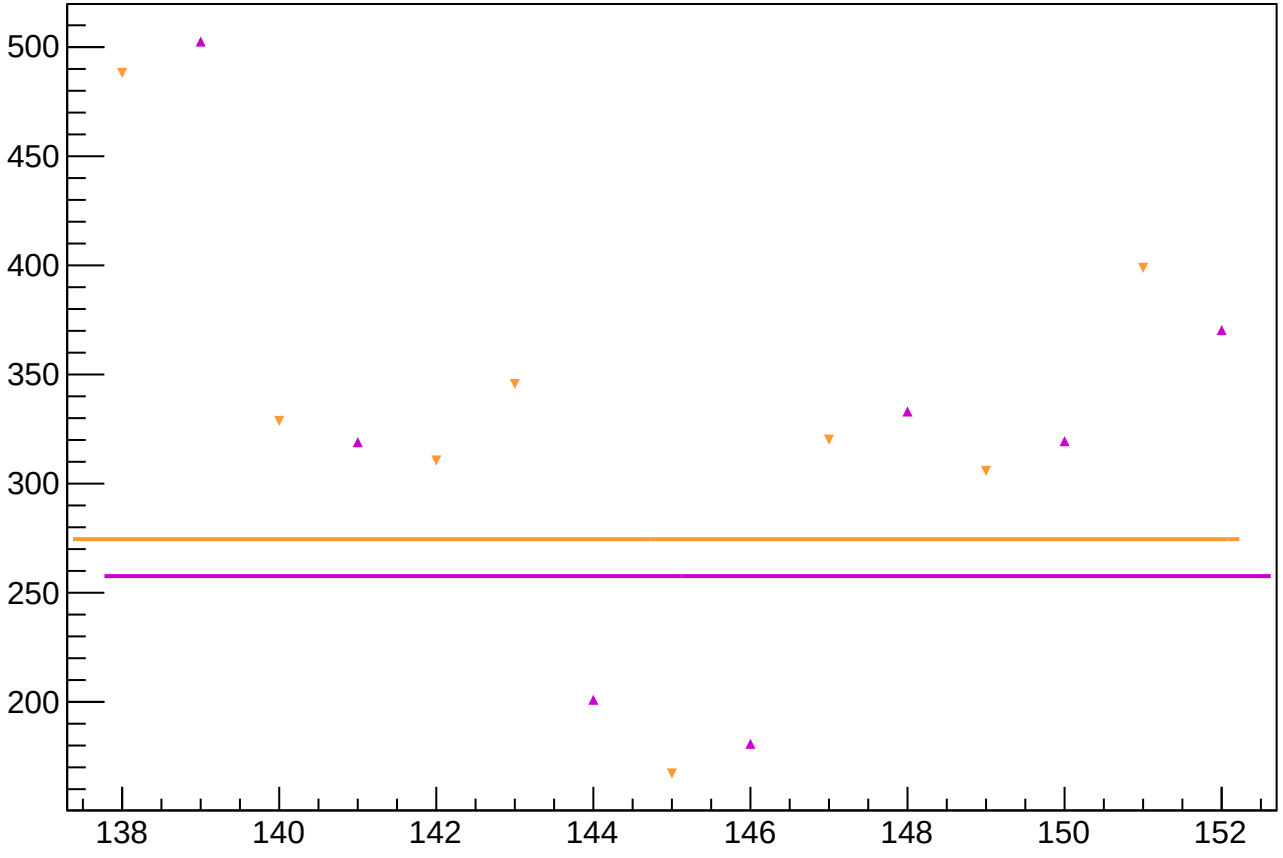
Left In: -70.480+/-113.397 χ^2/NDF:4.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -227.347+/-82.883 χ^2/NDF: 28.6/14

- 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: 274.556+/-0.086 χ^2/NDF:1195355.1/7

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

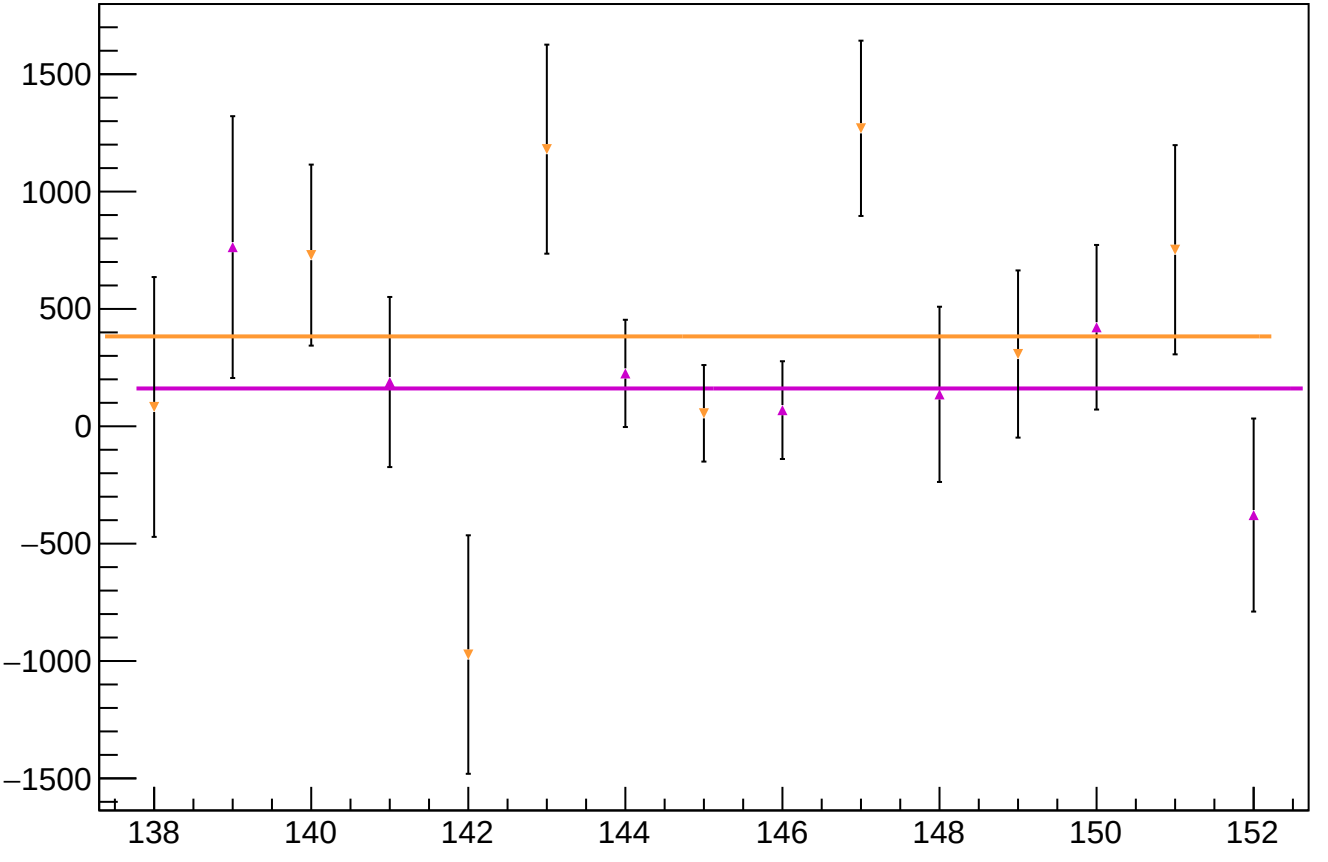
Left In: 257.619+/-0.080 χ^2/NDF:1161251.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 265.508+/-0.059 χ^2/NDF: 2377388.9/14

- 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: 382.948+/-126.355 χ^2/NDF:20.3/7

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

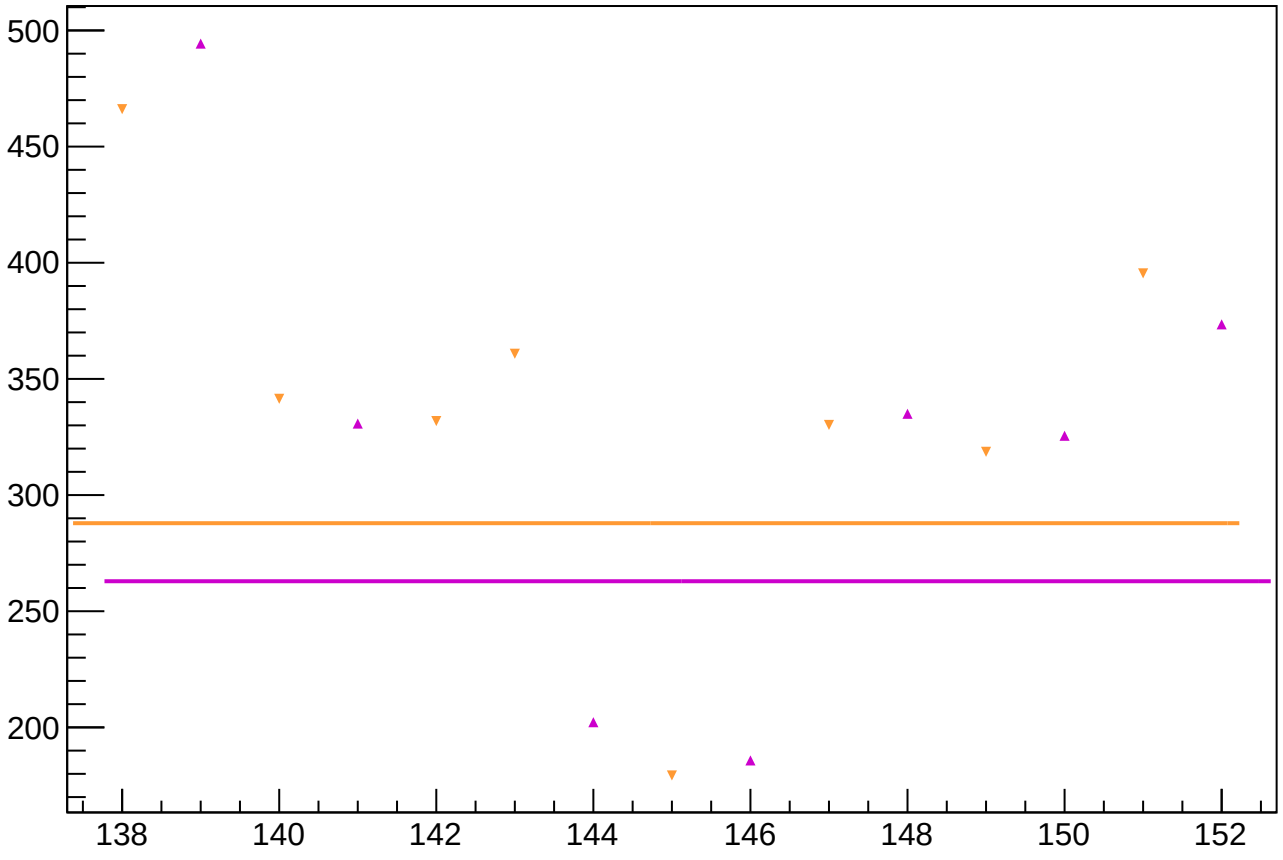
Left In: 161.142+/-116.036 χ^2/NDF:3.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 262.619+/-85.465 χ^2/NDF: 25.7/14

- 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: 287.893+/-0.089 χ^2/NDF:1028990.2/7

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

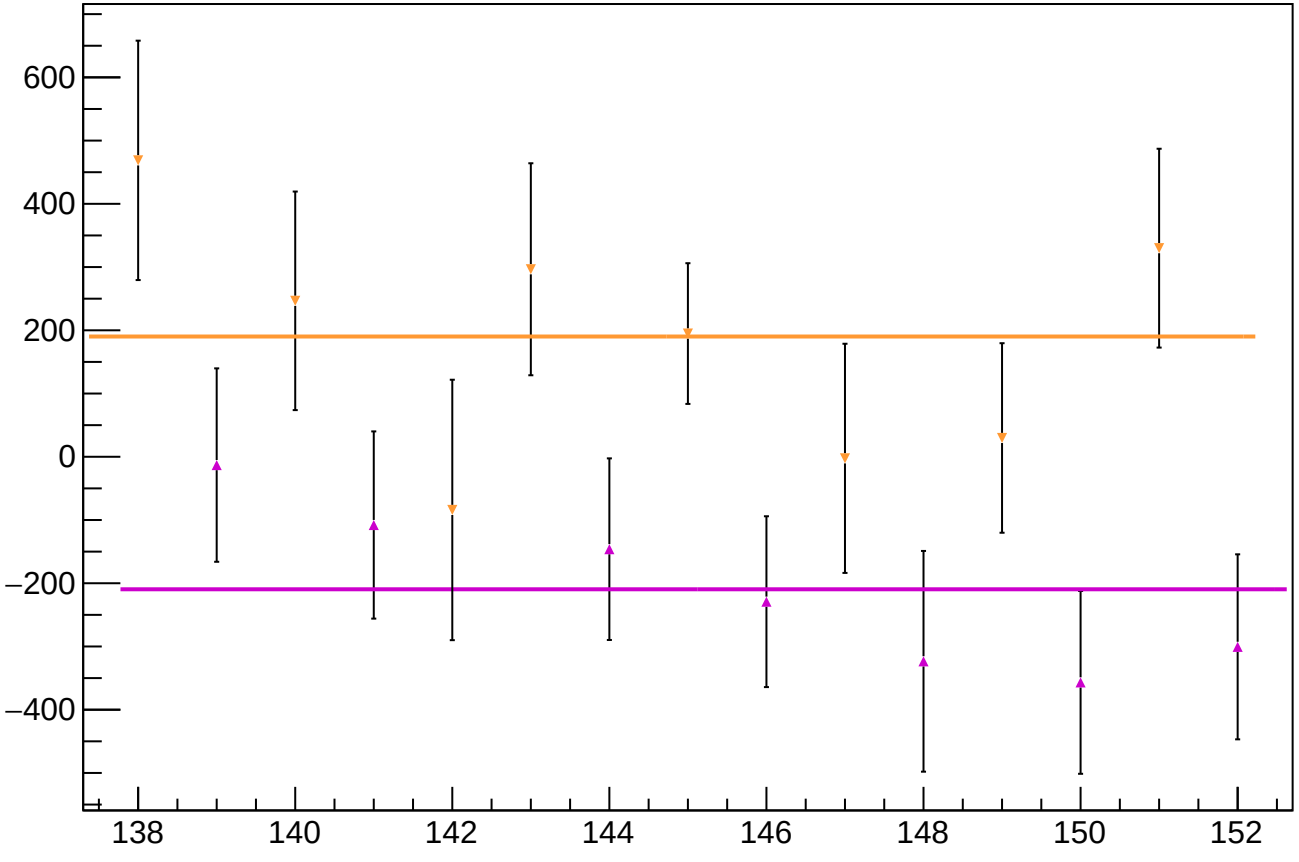
Left In: 262.911+/-0.082 χ^2/NDF:1112901.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 274.341+/-0.060 χ^2/NDF: 2184306.5/14

- 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: 190.174+/-56.184 χ^2/NDF:7.5/7

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

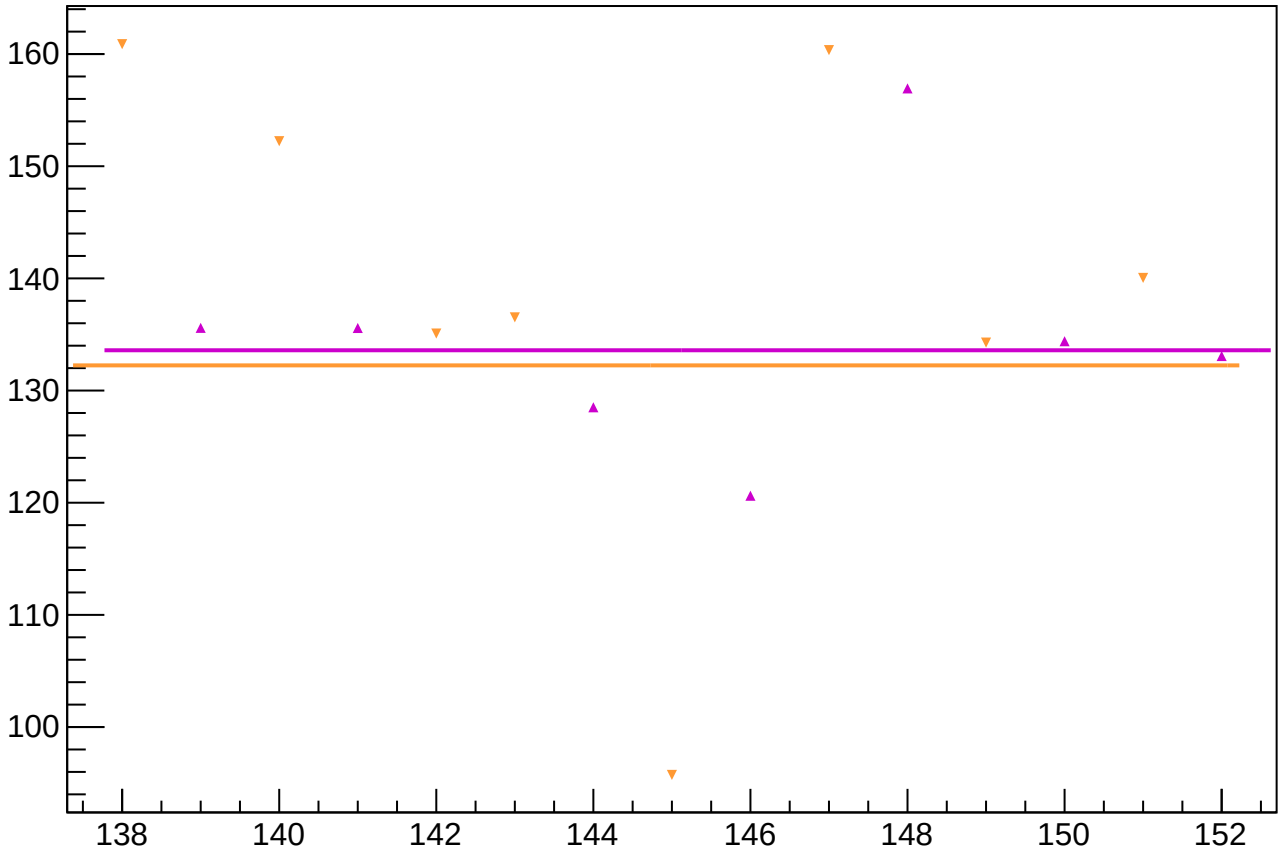
Left In: -209.556+/-55.980 χ^2/NDF:4.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.417+/-39.656 χ^2/NDF: 37.1/14

- 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: 132.244+/-0.040 χ^2/NDF:343014.3/7

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

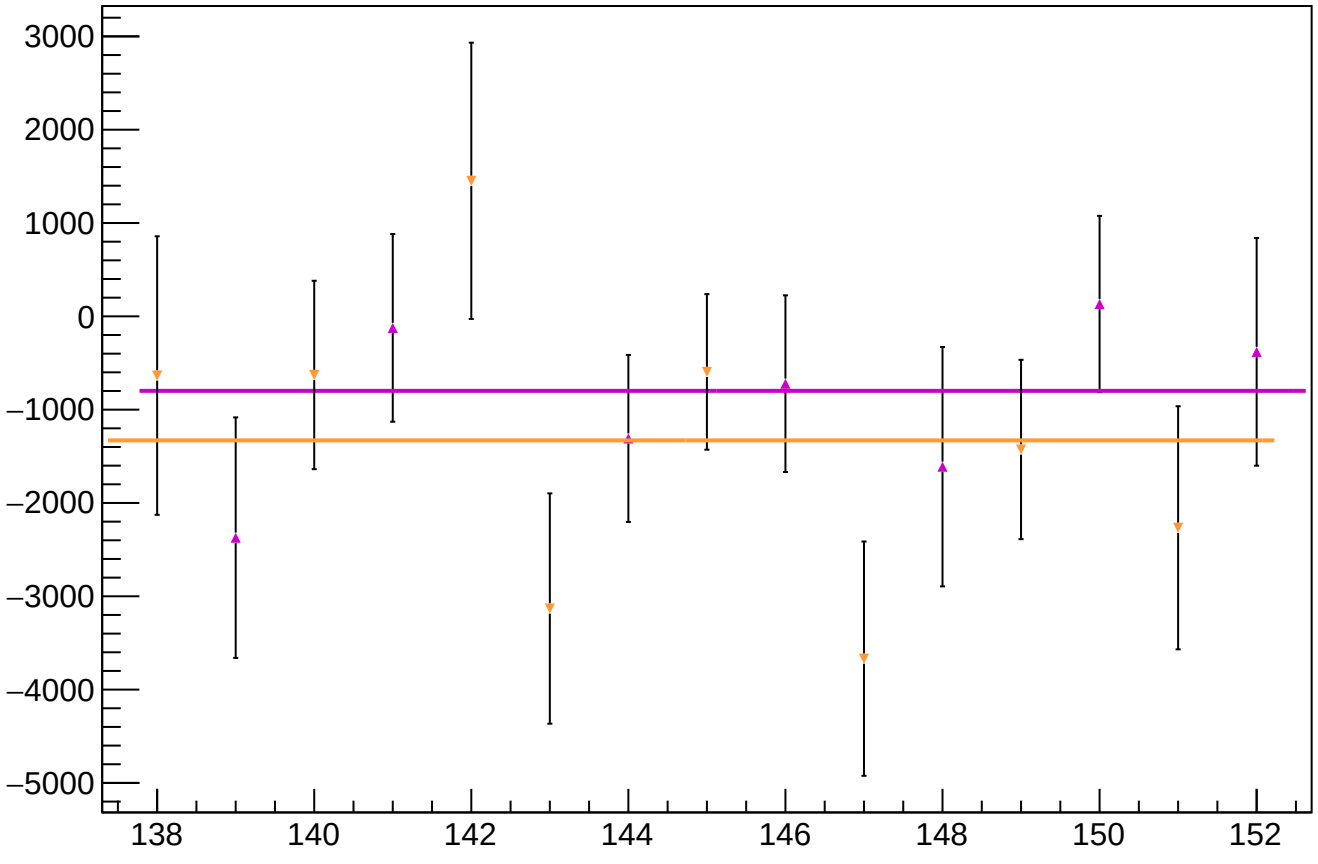
Left In: 133.592+/-0.040 χ^2/NDF:57516.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 132.921+/-0.028 χ^2/NDF: 401107.4/14

- 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: -1329.257+/-398.733 χ^2/NDF:11.1/7

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

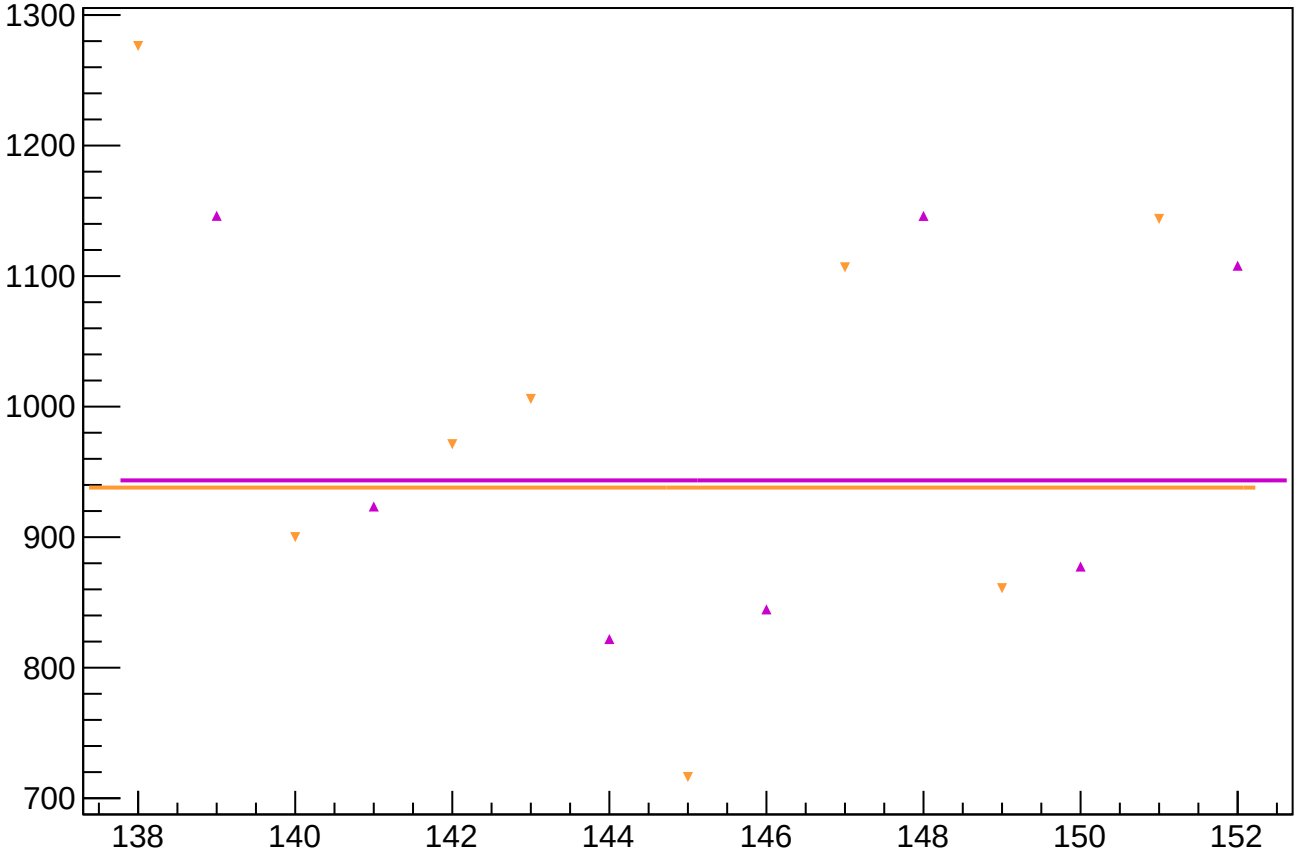
Left In: -798.446+/-396.637 χ^2/NDF:3.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1062.453+/-281.203 χ^2/NDF: 15.8/14

- 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: 937.981+/-0.282 χ^2/NDF:353146.1/7

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

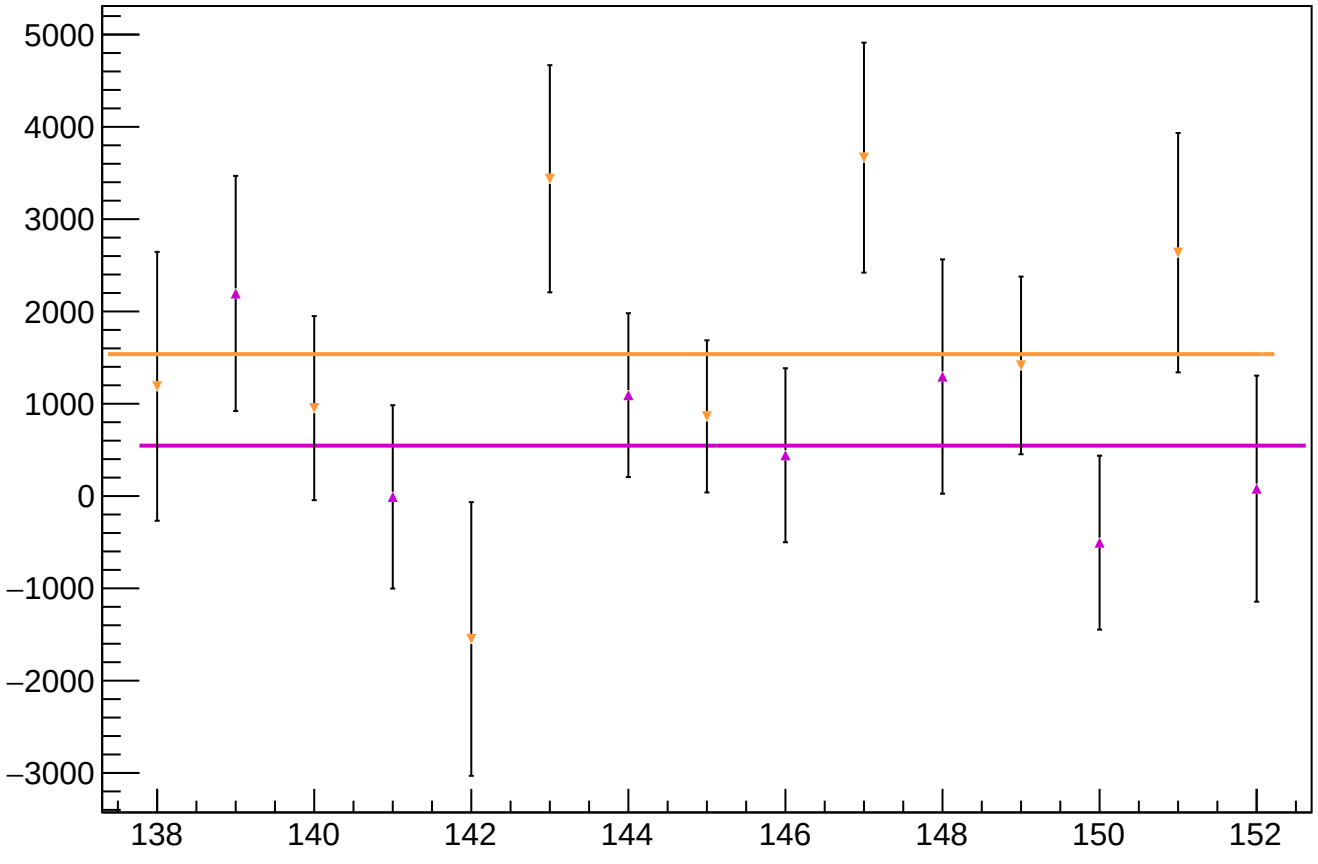
Left In: 943.489+/-0.280 χ^2/NDF:204956.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 940.750+/-0.199 χ^2/NDF: 558294.0/14

- 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: 1537.415+/-395.802 χ^2/NDF:11.4/7

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

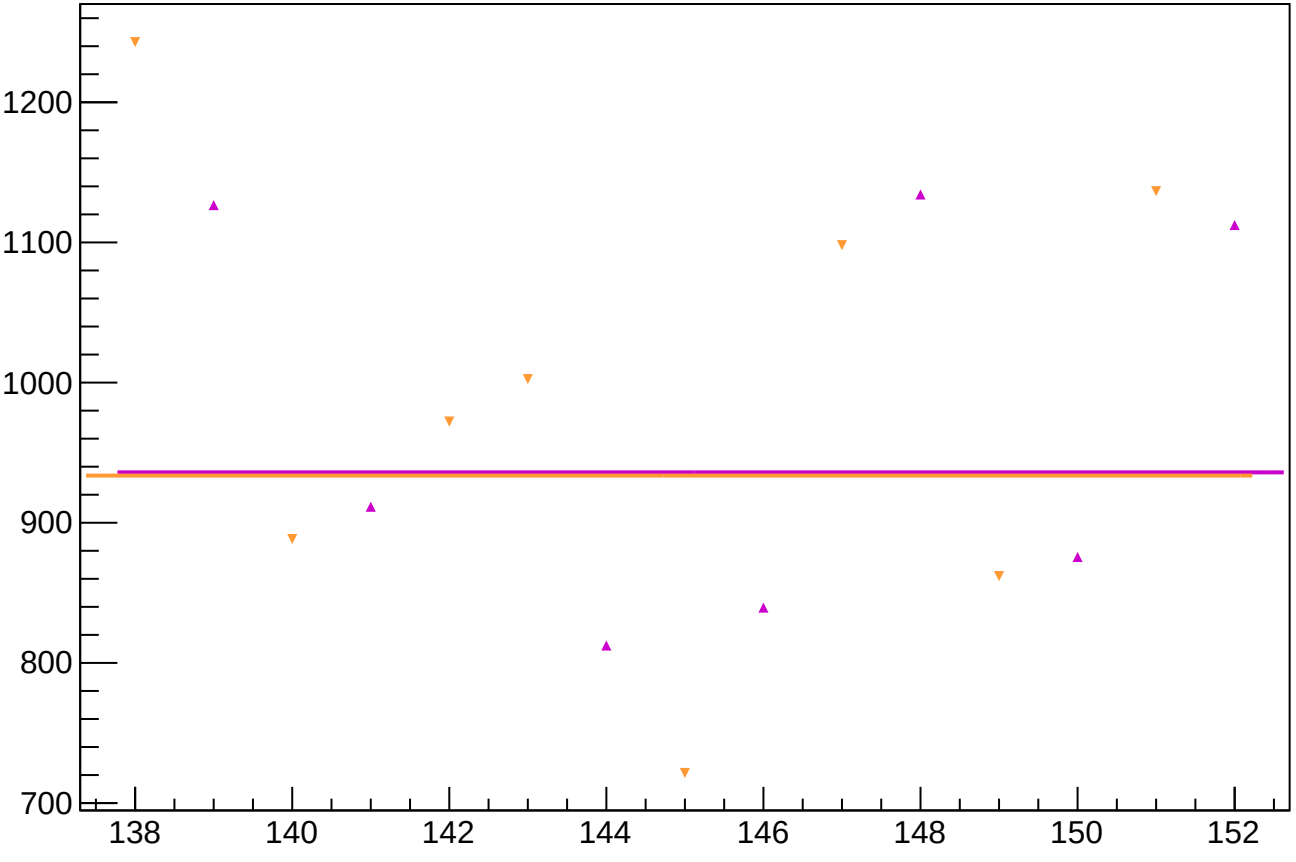
Left In: 546.226+/-394.071 χ^2/NDF:4.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1039.647+/-279.260 χ^2/NDF: 18.7/14

- 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: 933.667+/-0.280 χ^2/NDF:329296.7/7

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

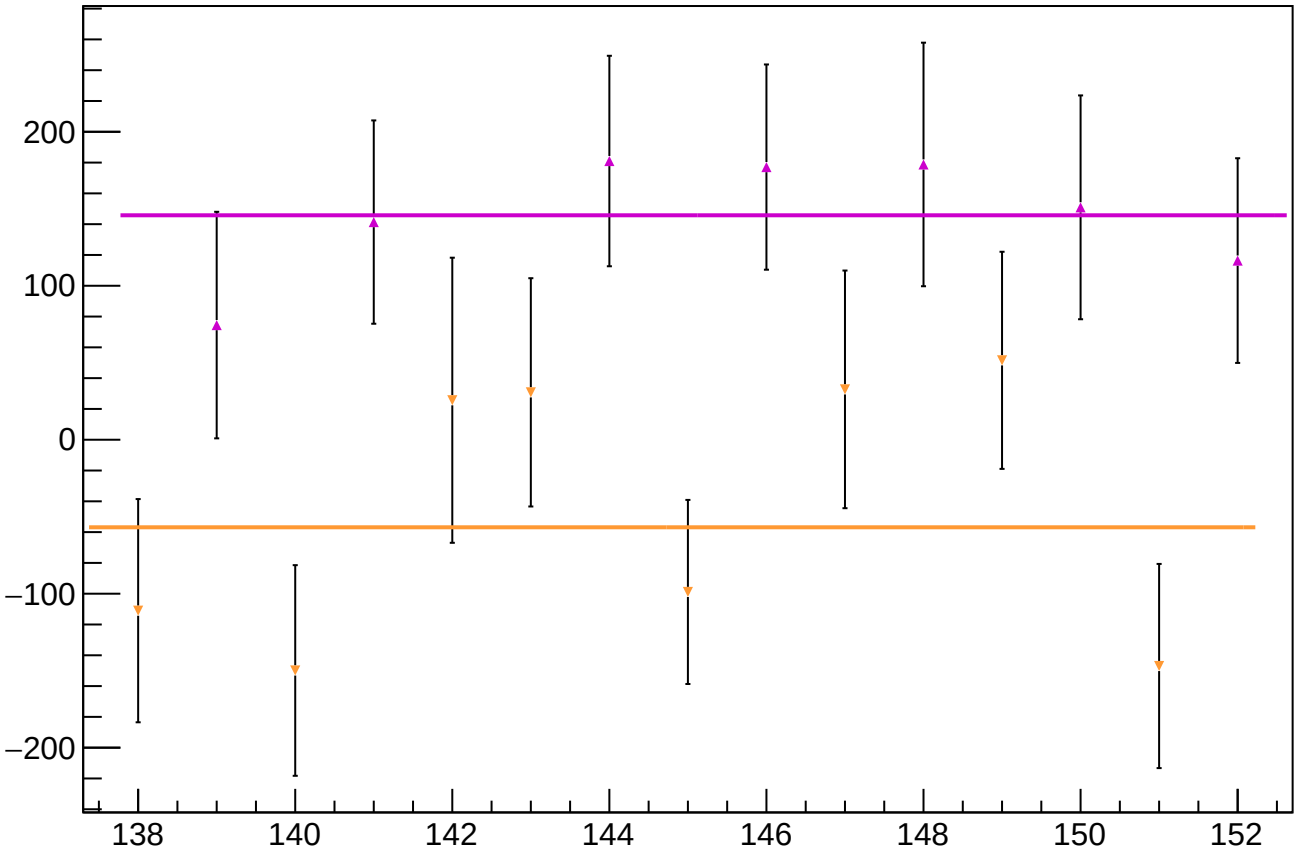
Left In: 935.951+/-0.279 χ^2/NDF:204267.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 934.814+/-0.197 χ^2/NDF: 533598.1/14

- 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: -56.871+/-25.165 χ^2/NDF:10.7/7

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

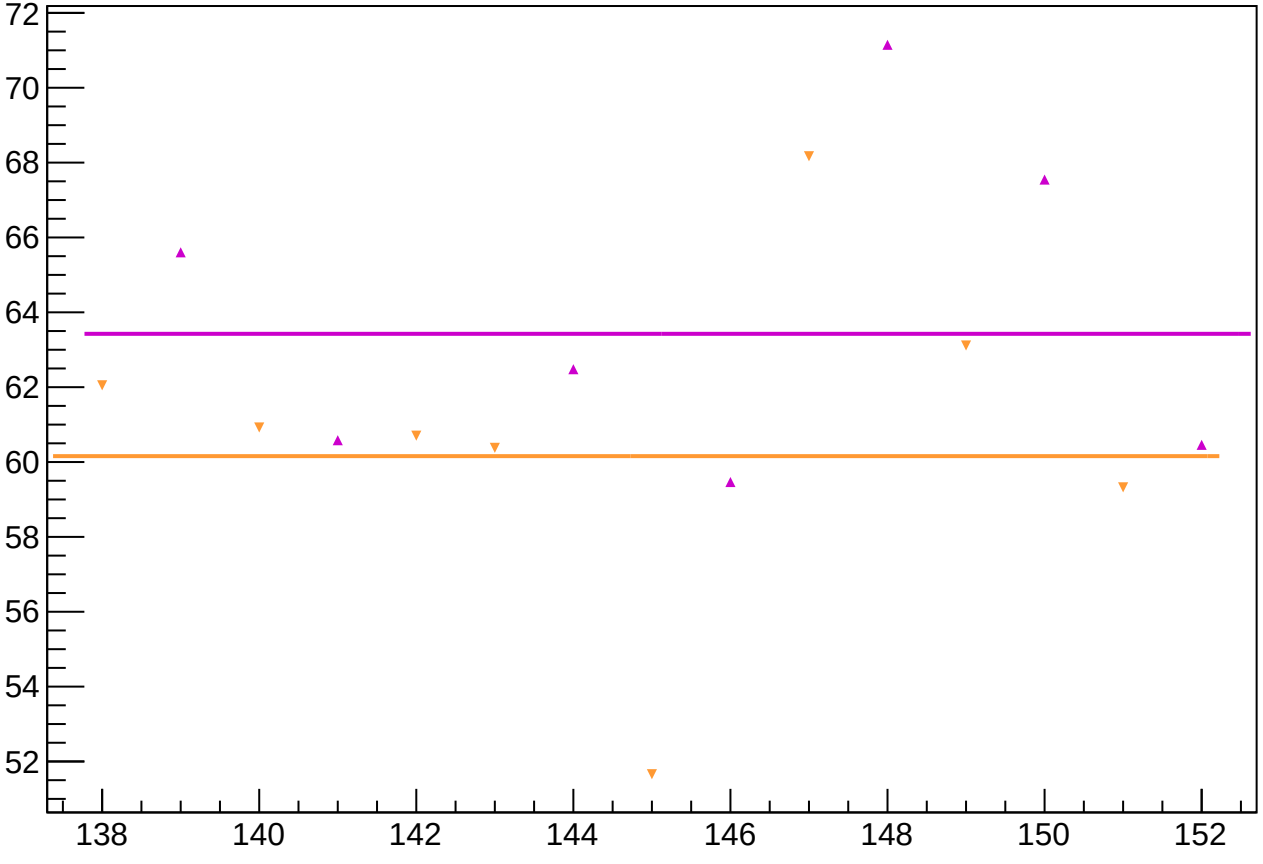
Left In: 145.771+/-26.456 χ^2/NDF:1.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 39.388+/-18.234 χ^2/NDF: 43.3/14

- 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: 60.158+/-0.018 χ^2/NDF:67515.5/7

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

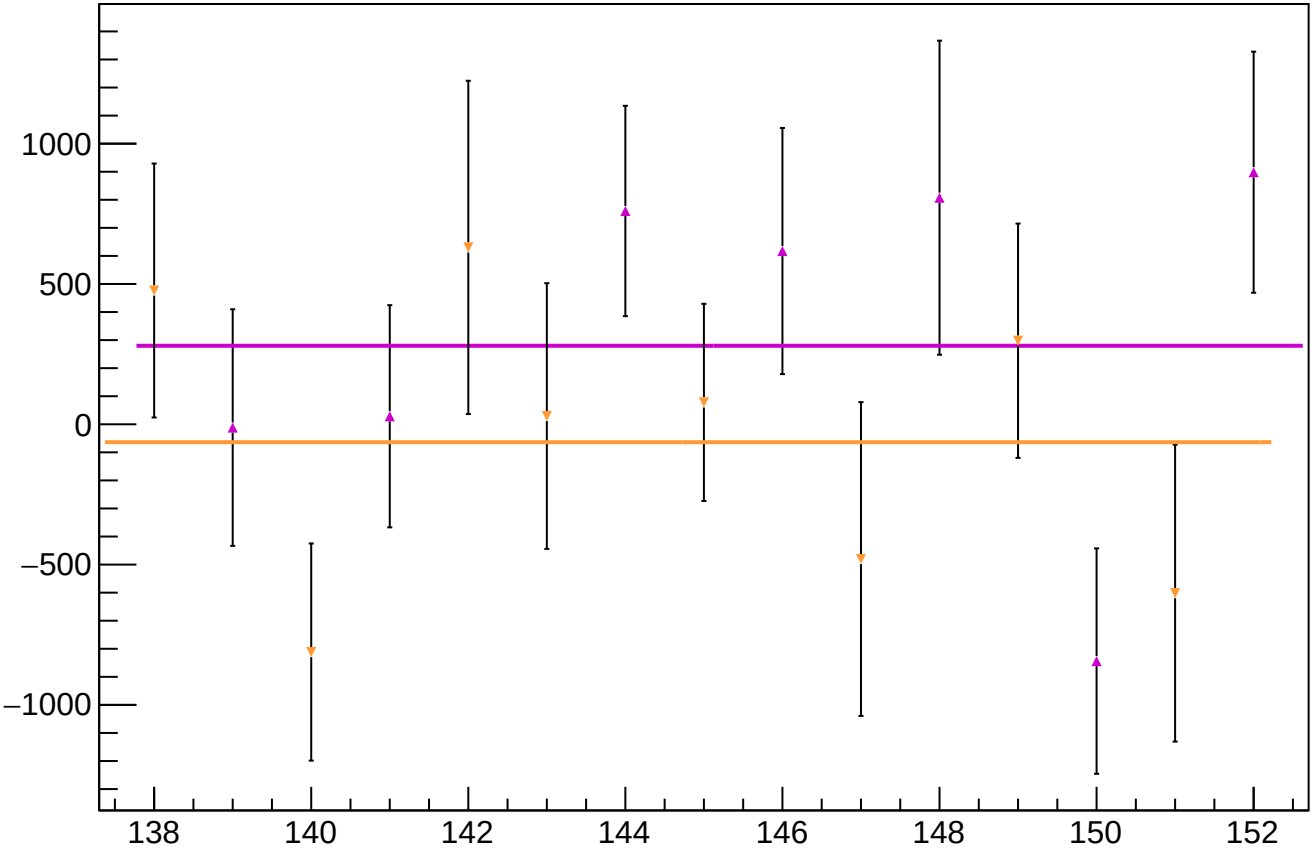
Left In: 63.426+/-0.019 χ^2/NDF:42378.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 61.710+/-0.013 χ^2/NDF: 125917.0/14

- 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: -63.826+/-159.175 χ^2/NDF:9.1/7

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

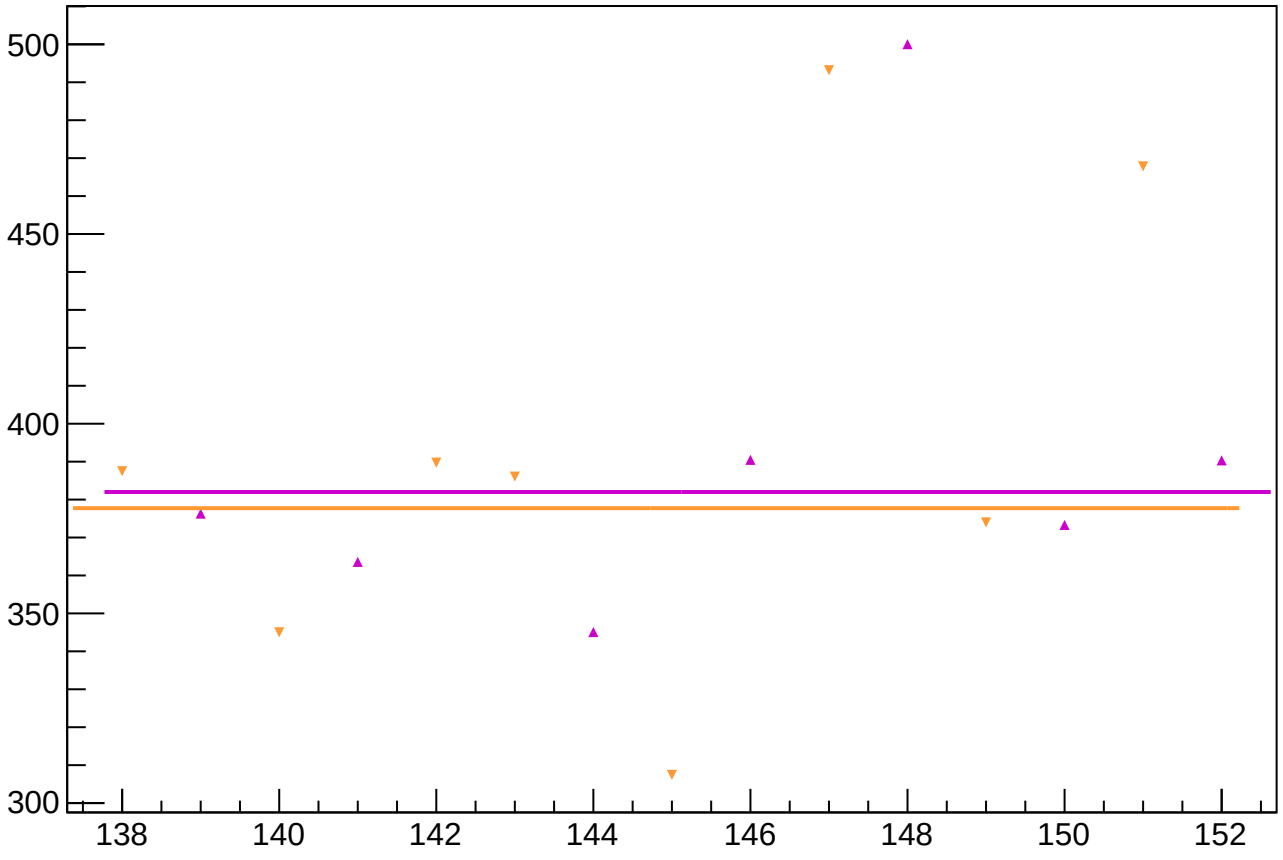
Left In: 279.814+/-159.855 χ^2/NDF:13.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 107.262+/-112.793 χ^2/NDF: 25.3/14

- 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: 377.737+/-0.113 χ^2/NDF:240151.7/7

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

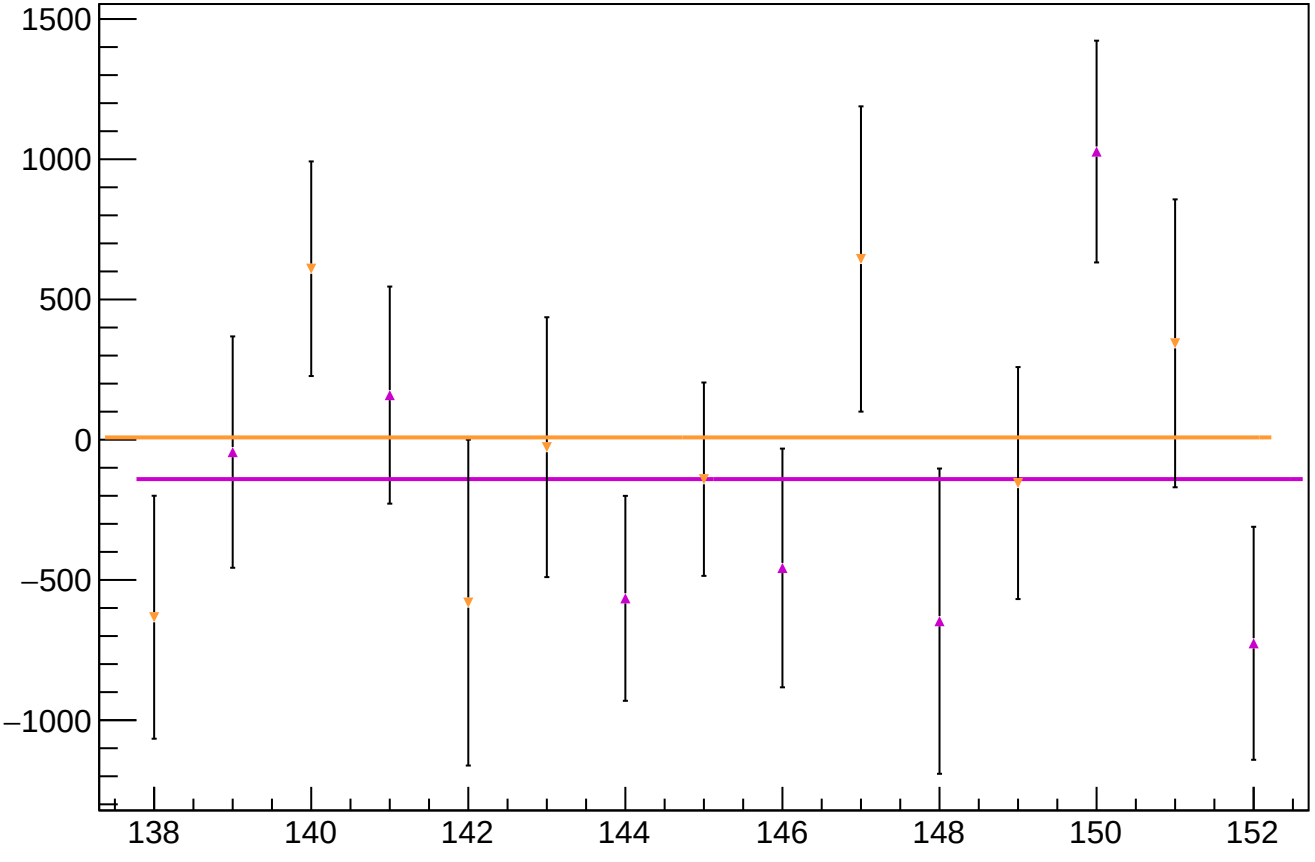
Left In: 382.001+/-0.113 χ^2/NDF:115510.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 379.860+/-0.080 χ^2/NDF: 356376.8/14

- 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: 8.194+/-155.764 χ^2/NDF:7.8/7

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

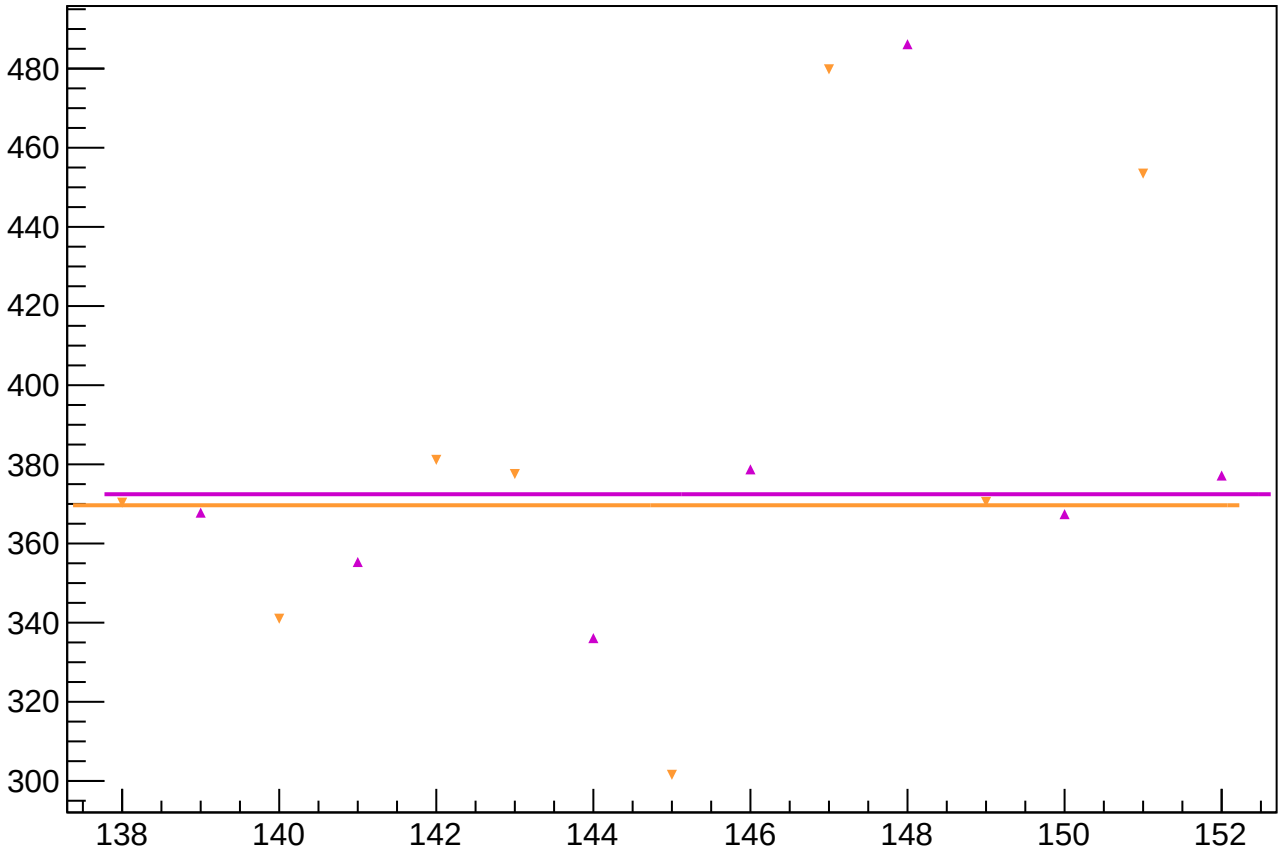
Left In: -140.430+/-155.917 χ^2/NDF:14.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -66.045+/-110.196 χ^2/NDF: 22.4/14

- 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: 369.662+/-0.110 χ^2/NDF:225916.4/7

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

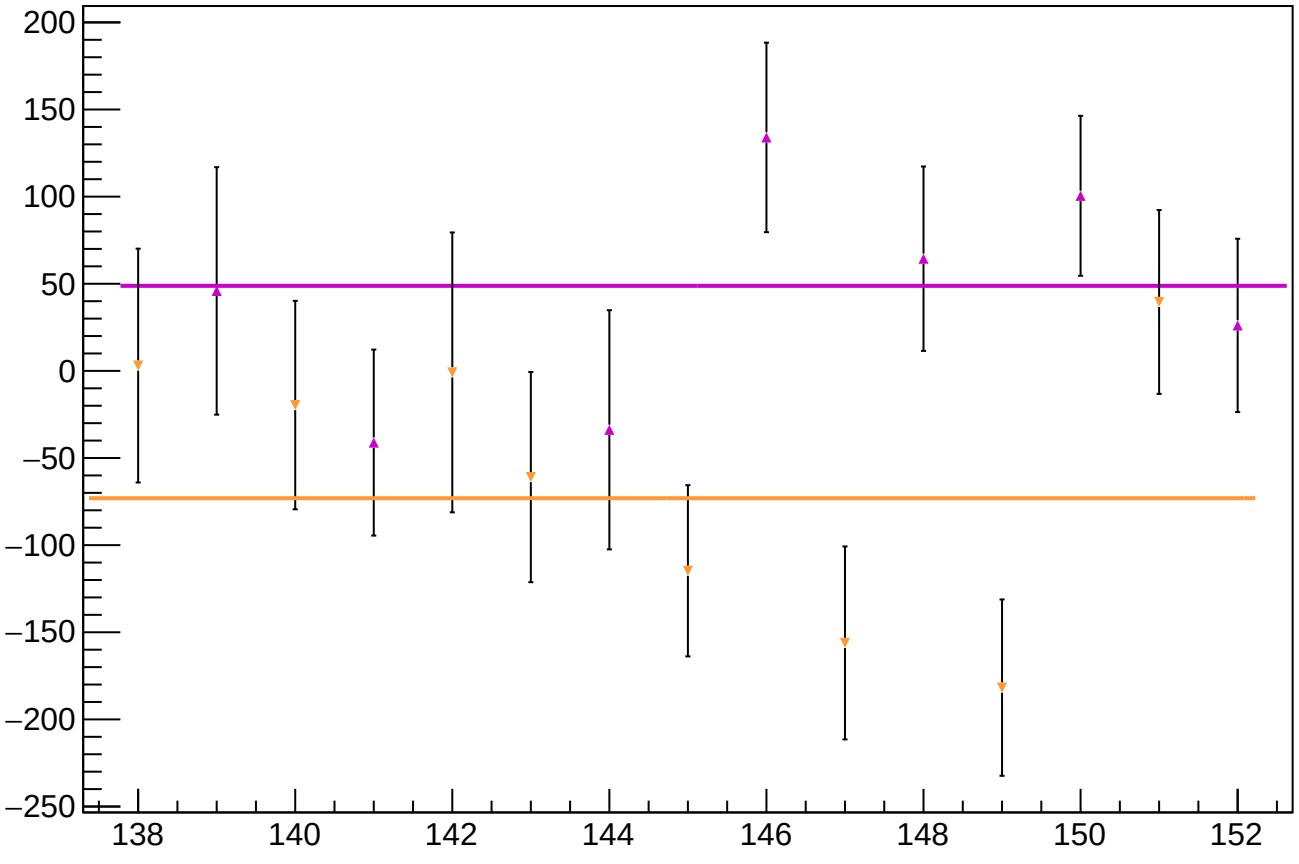
Left In: 372.449+/-0.110 χ^2/NDF:112311.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 371.054+/-0.078 χ^2/NDF: 338547.6/14

- 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: -73.051+/-20.320 χ^2/NDF:15.1/7

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

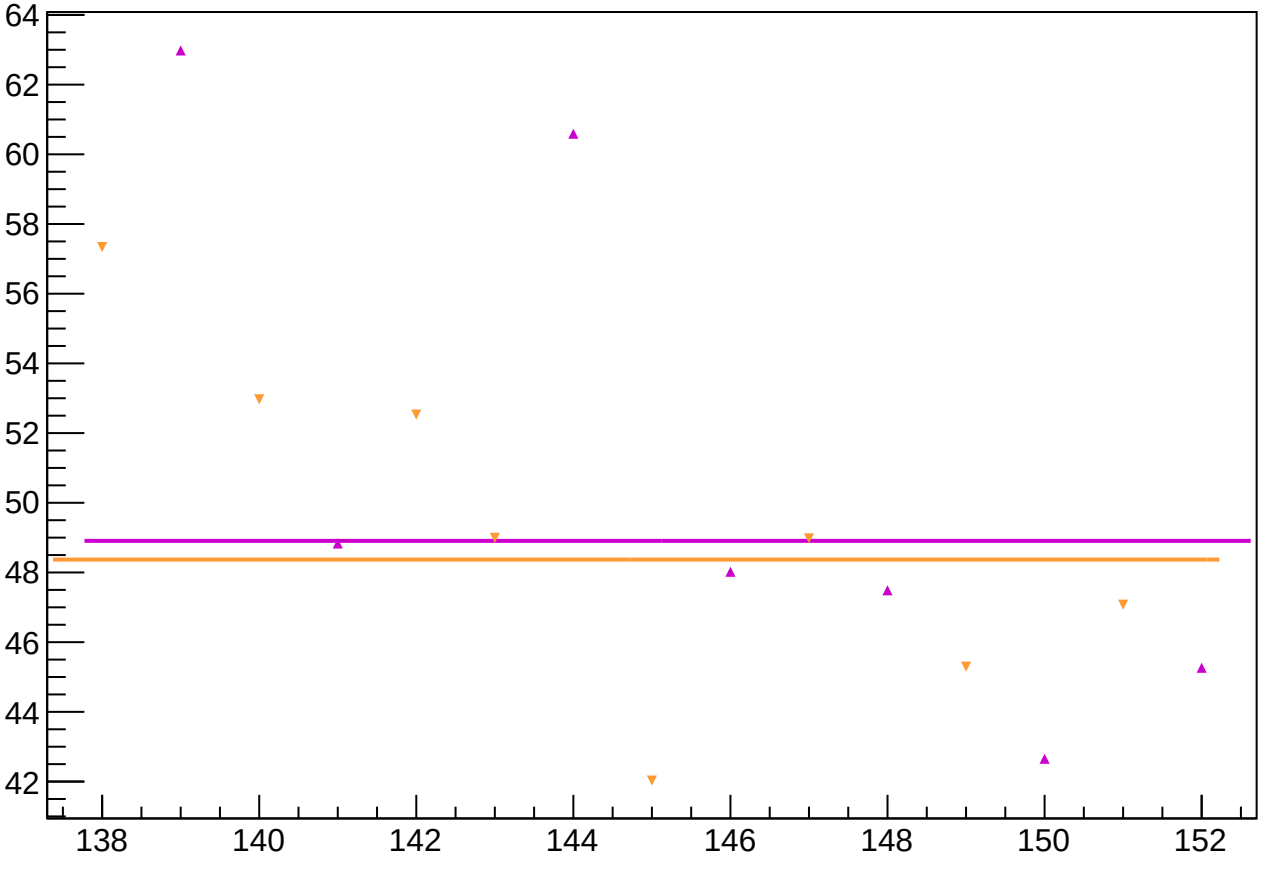
Left In: 48.810+/-20.690 χ^2/NDF:8.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.220+/-14.497 χ^2/NDF: 41.0/14

- 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: 48.370+/-0.014 χ^2/NDF:95297.7/7

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

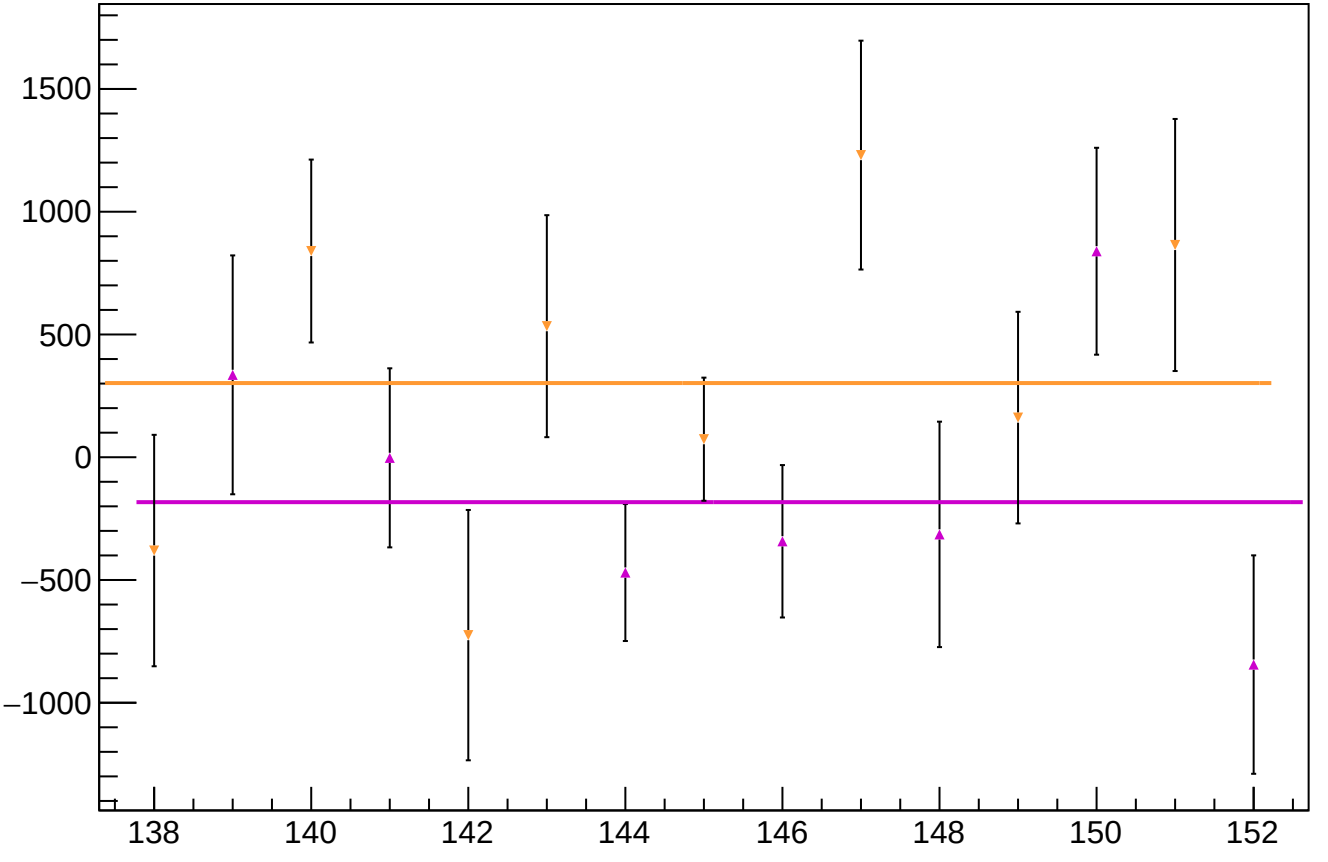
Left In: 48.907+/-0.015 χ^2/NDF:186340.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 48.634+/-0.010 χ^2/NDF: 282324.2/14

- 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: 302.136+/-141.223 χ^2/NDF:14.6/7

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

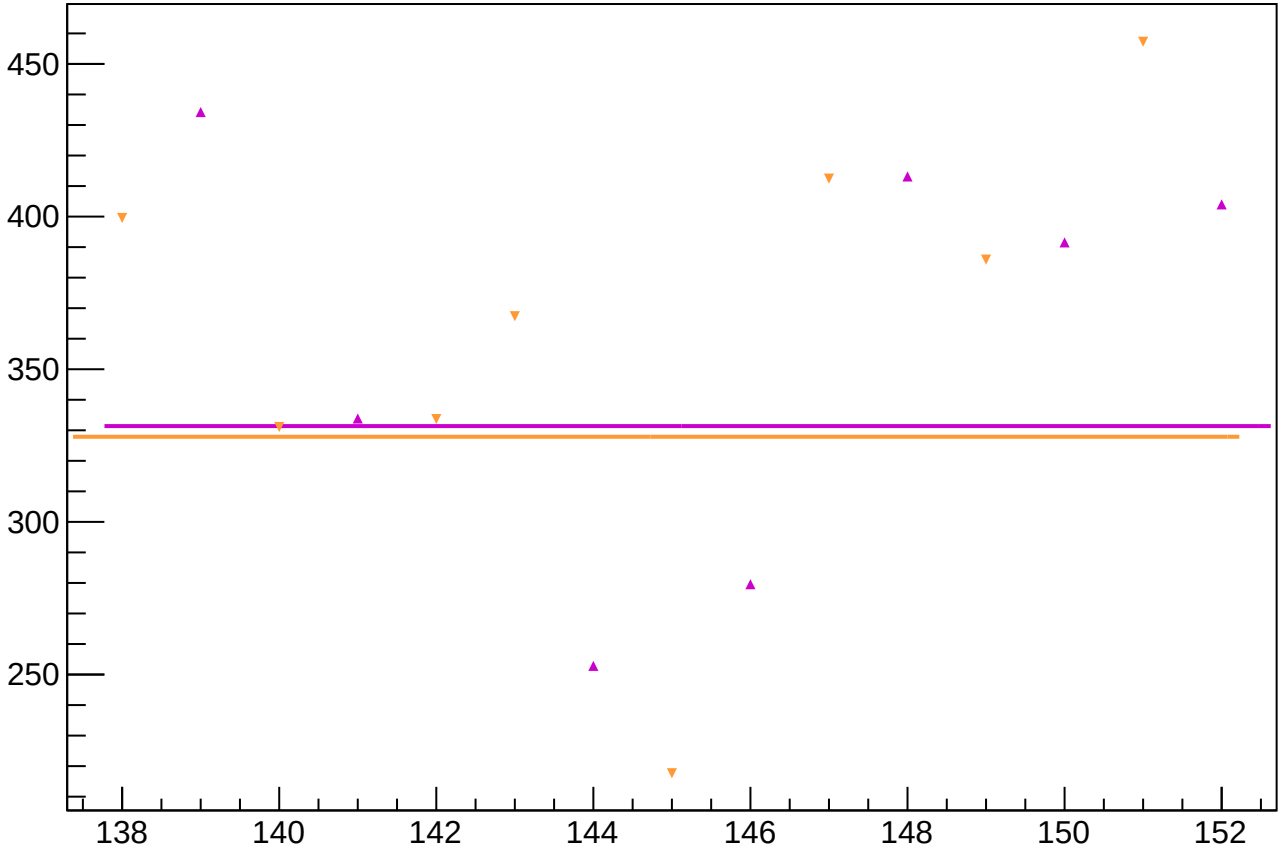
Left In: -182.982+/-140.850 χ^2/NDF:10.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 58.936+/-99.728 χ^2/NDF: 31.4/14

- 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: 327.883+/-0.100 χ^2/NDF:677601.5/7

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

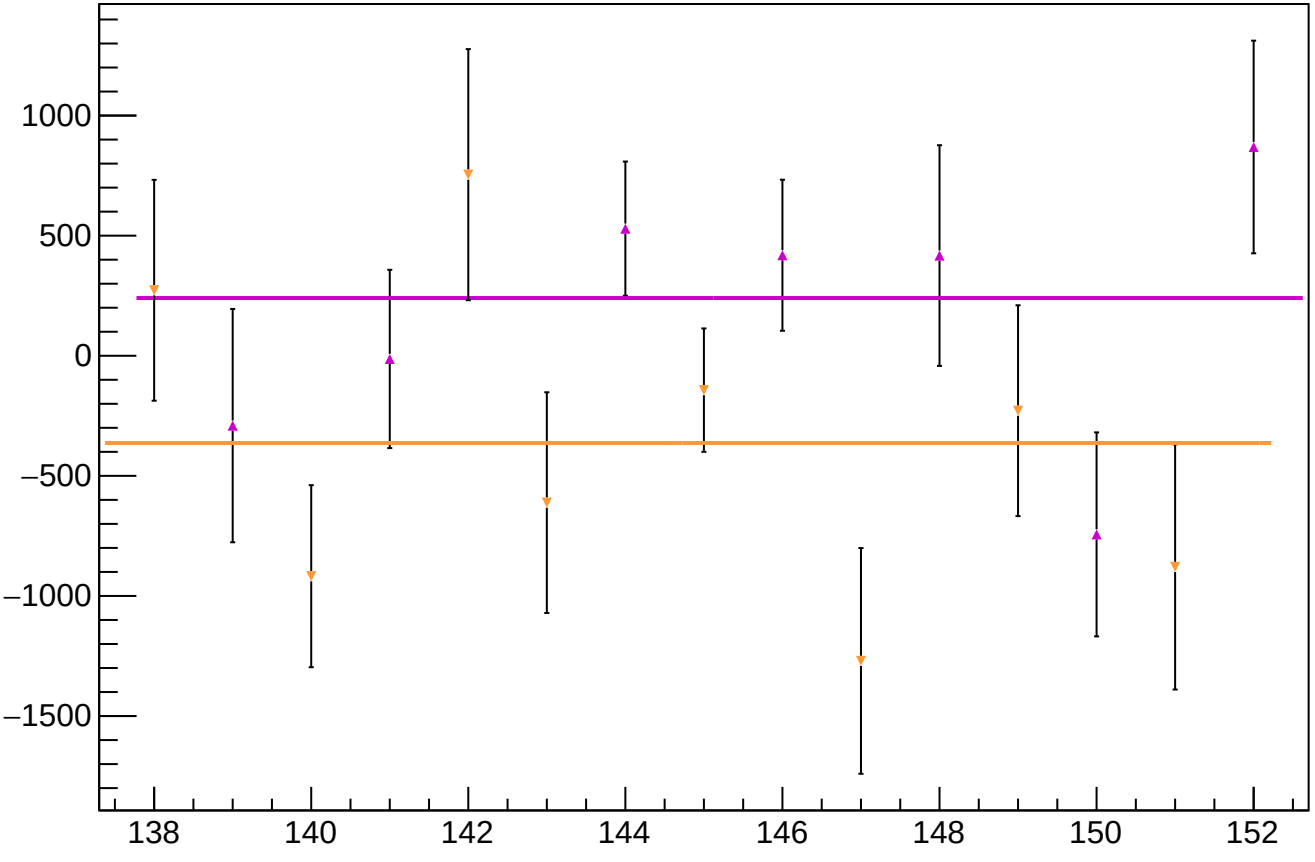
Left In: 331.380+/-0.100 χ^2/NDF:461271.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 329.636+/-0.071 χ^2/NDF: 1139488.2/14

- 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: -363.098+/-143.140 χ^2/NDF:14.5/7

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

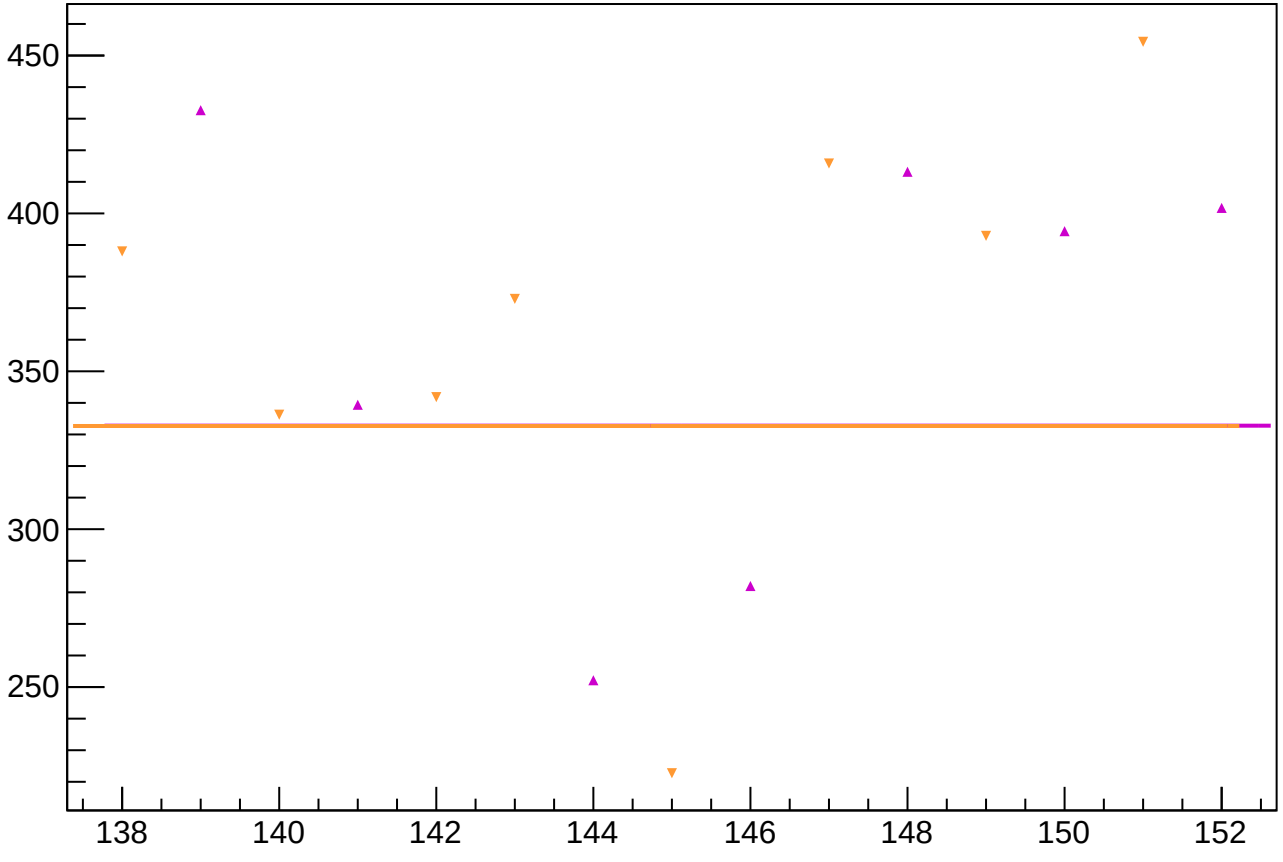
Left In: 240.318+/-141.682 χ^2/NDF:10.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -58.300+/-100.696 χ^2/NDF: 34.1/14

- 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: 332.680+/-0.101 χ^2/NDF:625466.4/7

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

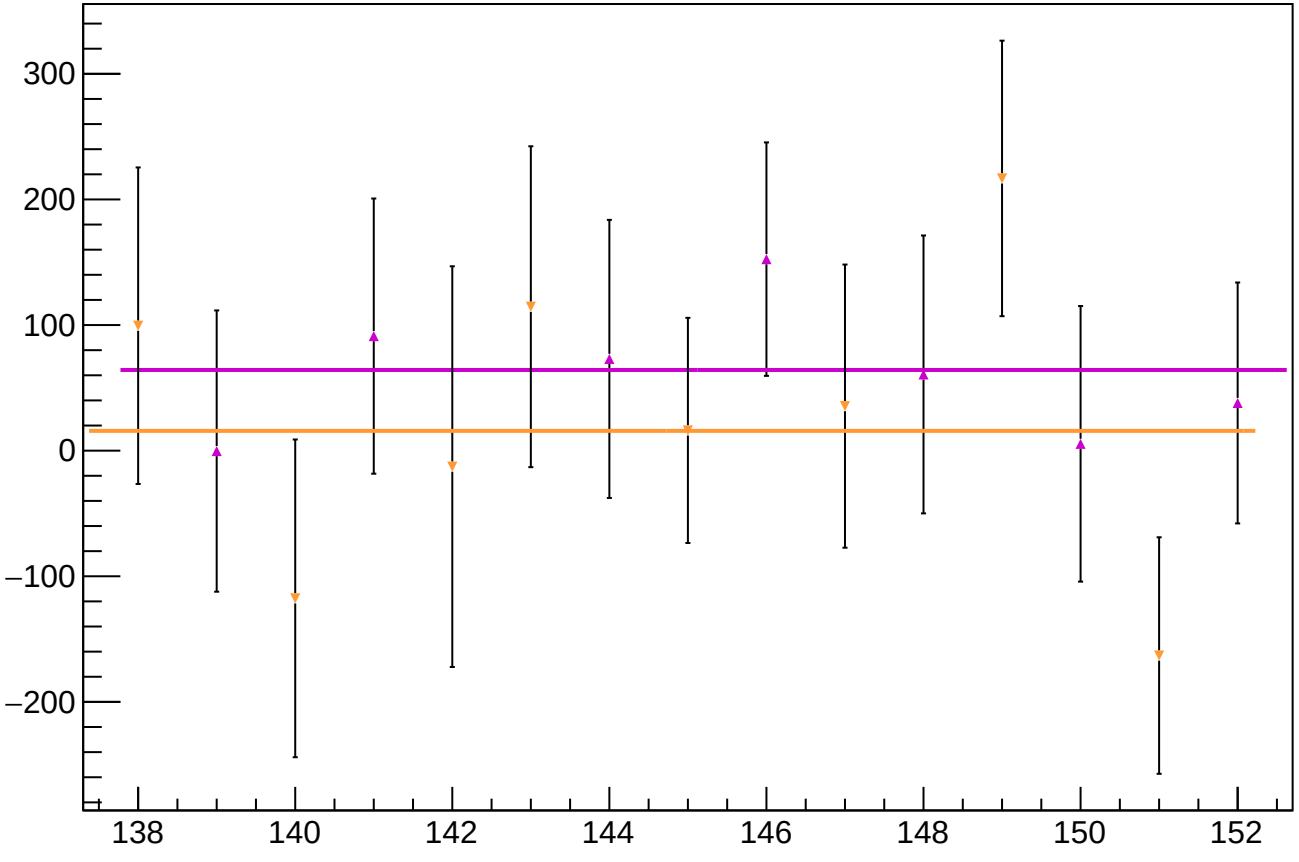
Left In: 332.780+/-0.100 χ^2/NDF:455883.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 332.731+/-0.071 χ^2/NDF: 1081350.6/14

- 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: 15.763+/-39.992 χ^2/NDF:9.2/7

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

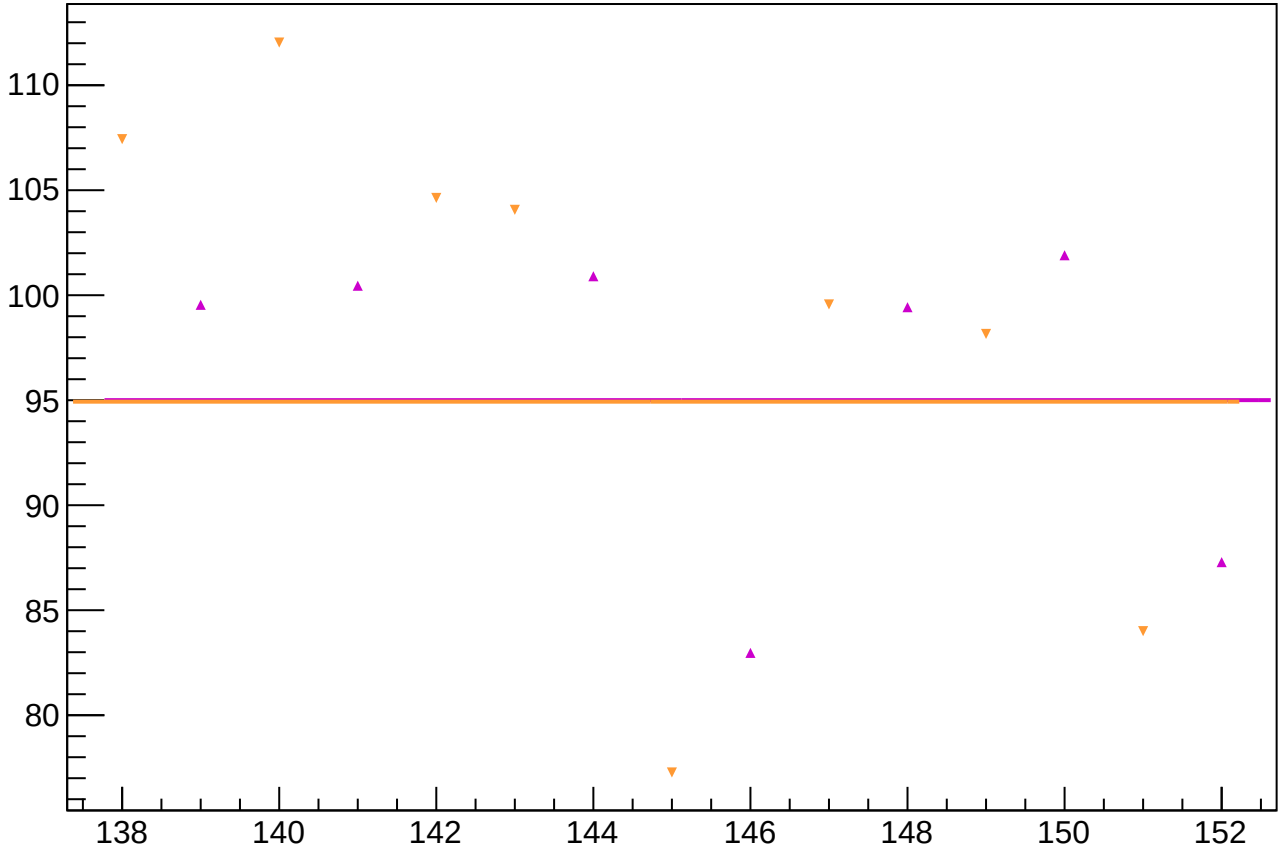
Left In: 64.241+/-39.712 χ^2/NDF:1.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 40.172+/-28.179 χ^2/NDF: 11.6/14

- 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: 94.931+/-0.028 χ^2/NDF:183555.8/7

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

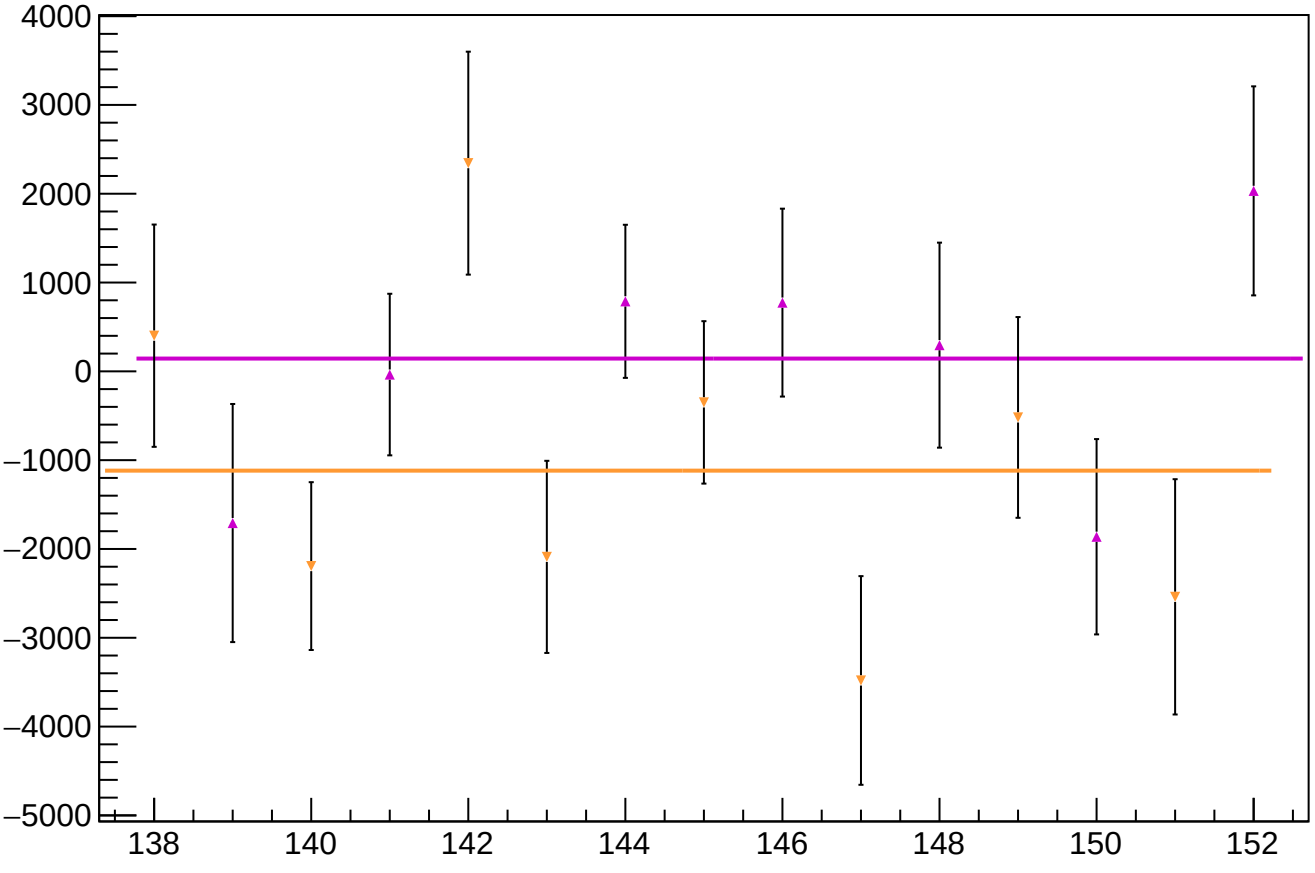
Left In: 95.004+/-0.028 χ^2/NDF:71526.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 94.968+/-0.020 χ^2/NDF: 255085.3/14

- 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: -1118.019+/-391.598 χ^2/NDF:17.4/7

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

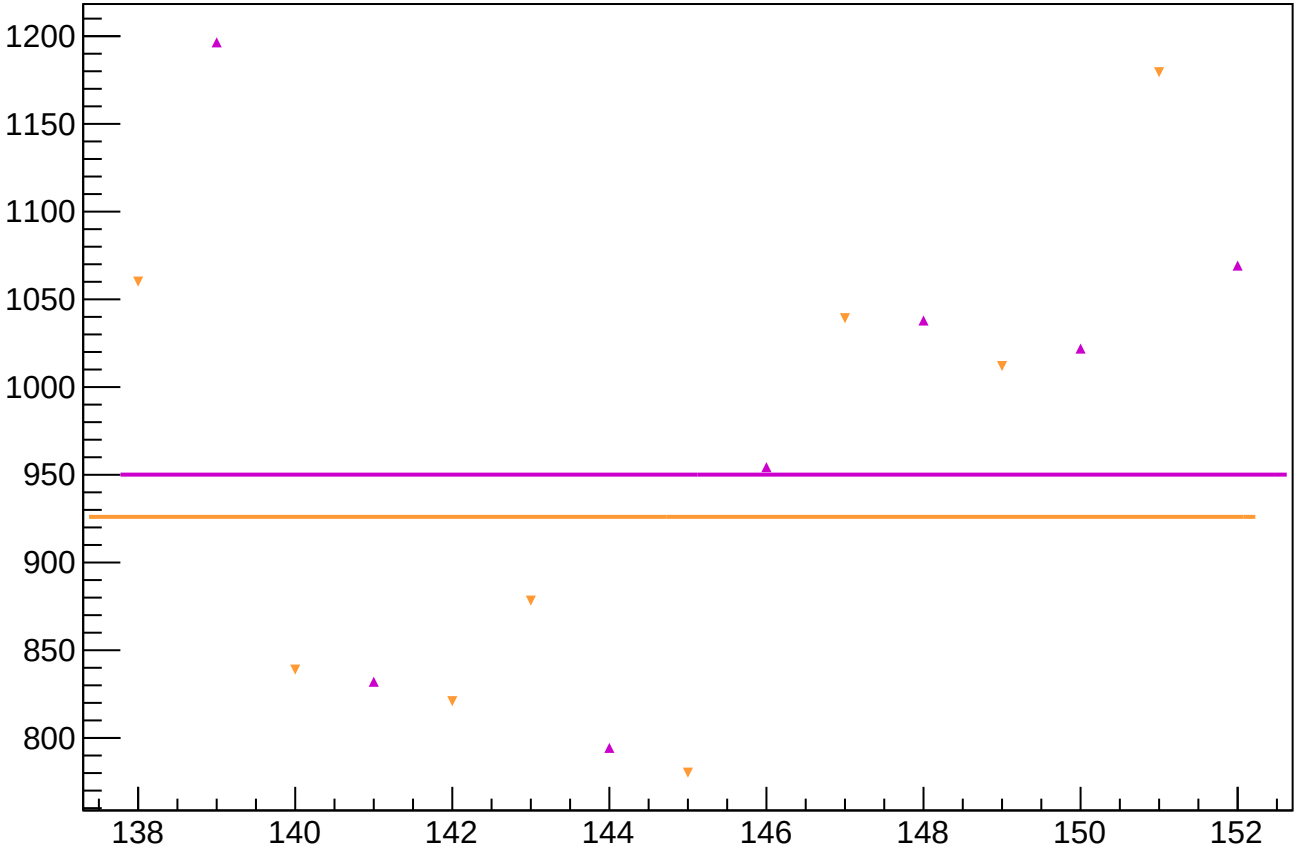
Left In: 143.924+/-398.284 χ^2/NDF:8.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -497.729+/-279.235 χ^2/NDF: 31.3/14

- 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: 926.023+/-0.277 χ^2/NDF:212031.8/7

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

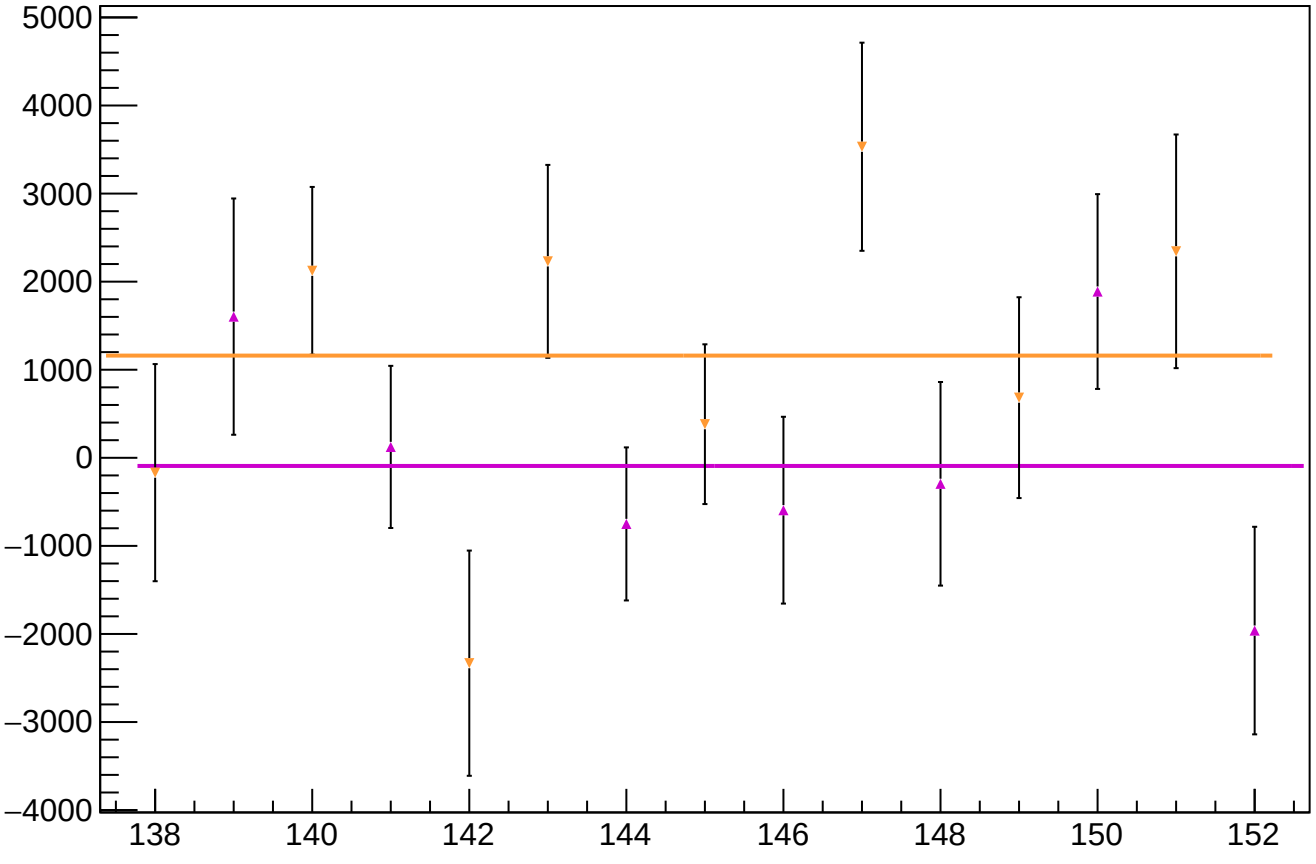
Left In: 950.094+/-0.282 χ^2/NDF:207176.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 937.855+/-0.197 χ^2/NDF: 422923.2/14

- 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: 1160.546+/-392.940 χ^2/NDF:16.3/7

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

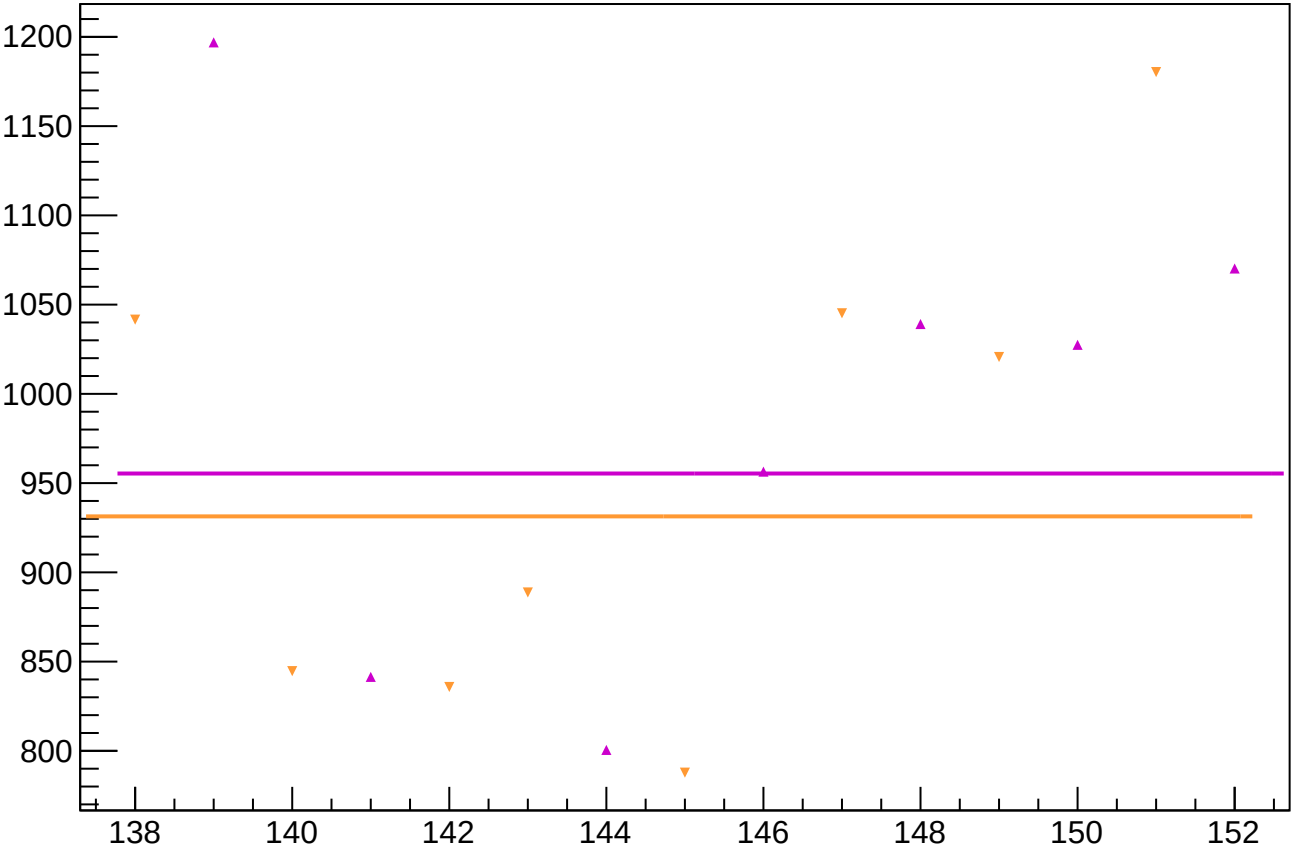
Left In: -92.370+/-400.442 χ^2/NDF:8.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 545.935+/-280.465 χ^2/NDF: 29.5/14

- 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: 931.358+/-0.278 χ^2/NDF:198170.6/7

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

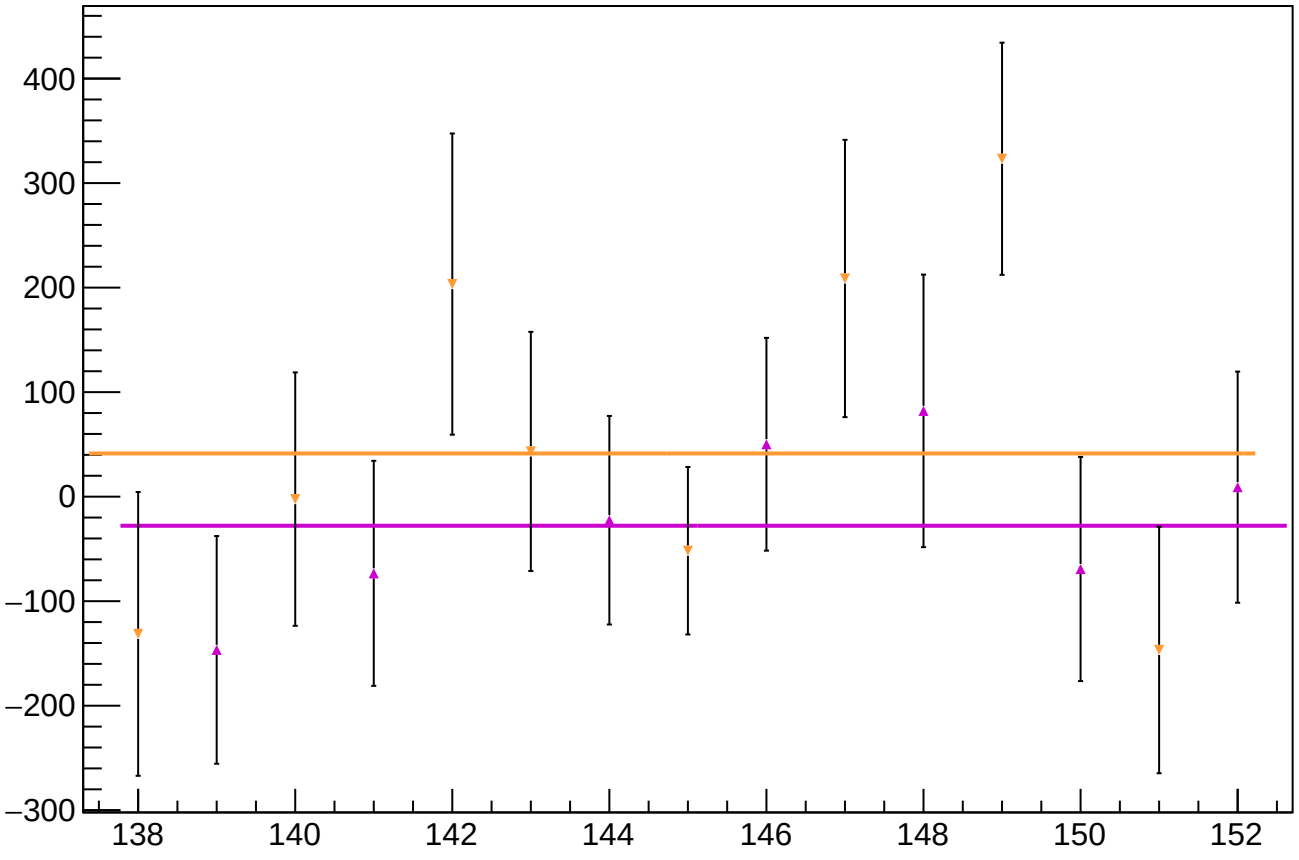
Left In: 955.375+/-0.283 χ^2/NDF:197037.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 943.139+/-0.198 χ^2/NDF: 398873.3/14

- 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: 41.324+/-40.411 χ^2/NDF:14.9/7

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

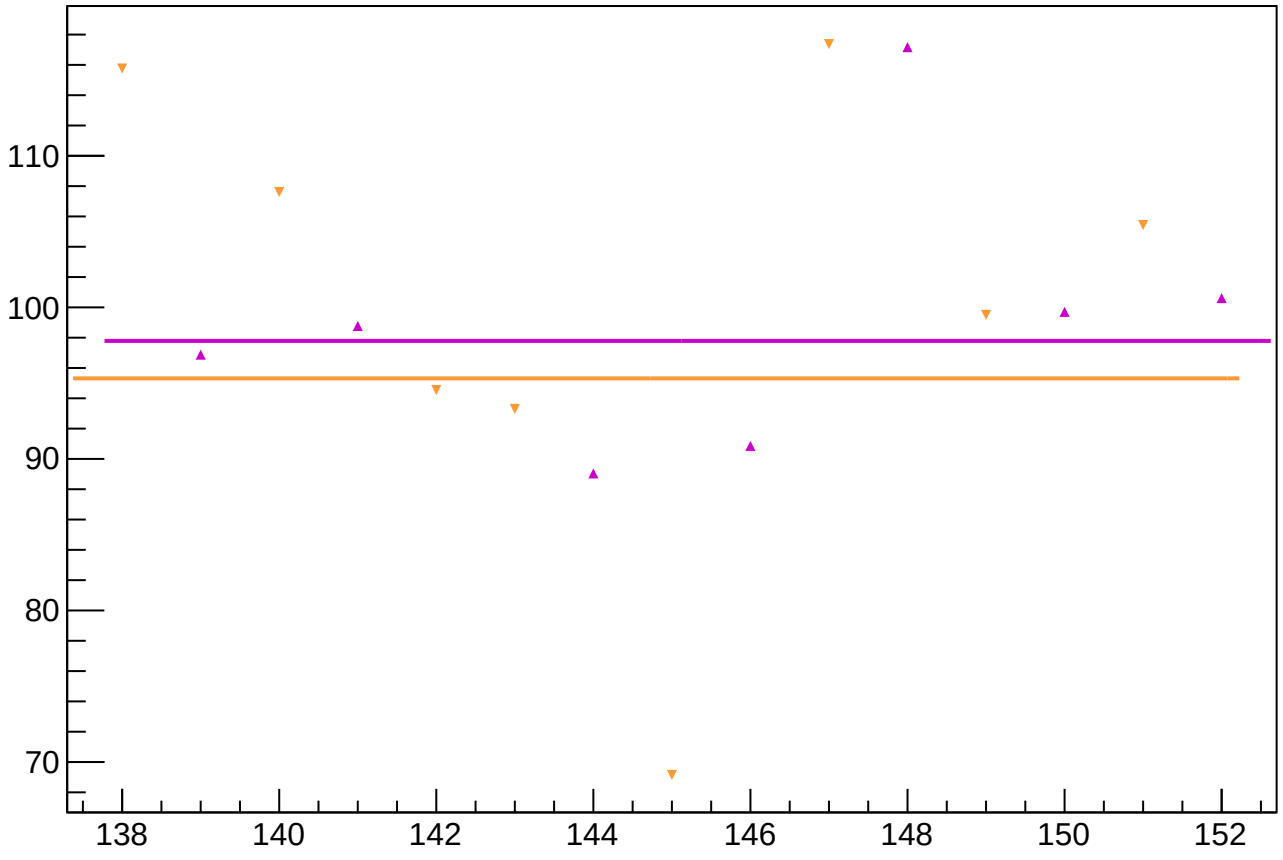
Left In: -27.822+/-40.991 χ^2/NDF:2.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.243+/-28.778 χ^2/NDF: 19.3/14

- 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: 95.314+/-0.029 χ^2/NDF:352746.6/7

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

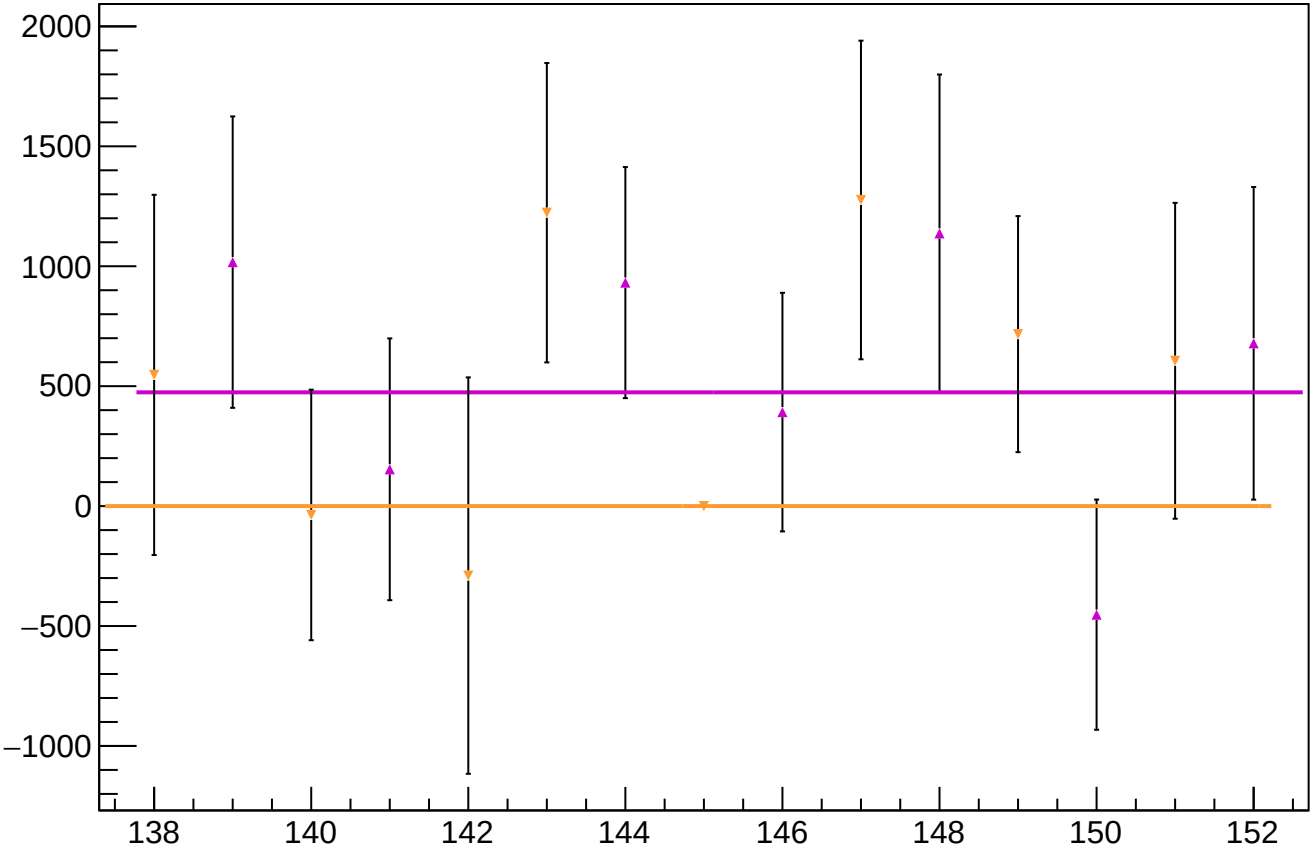
Left In: 97.787+/-0.029 χ^2/NDF:71096.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 96.533+/-0.020 χ^2/NDF: 427535.8/14

- 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:11.2/7

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

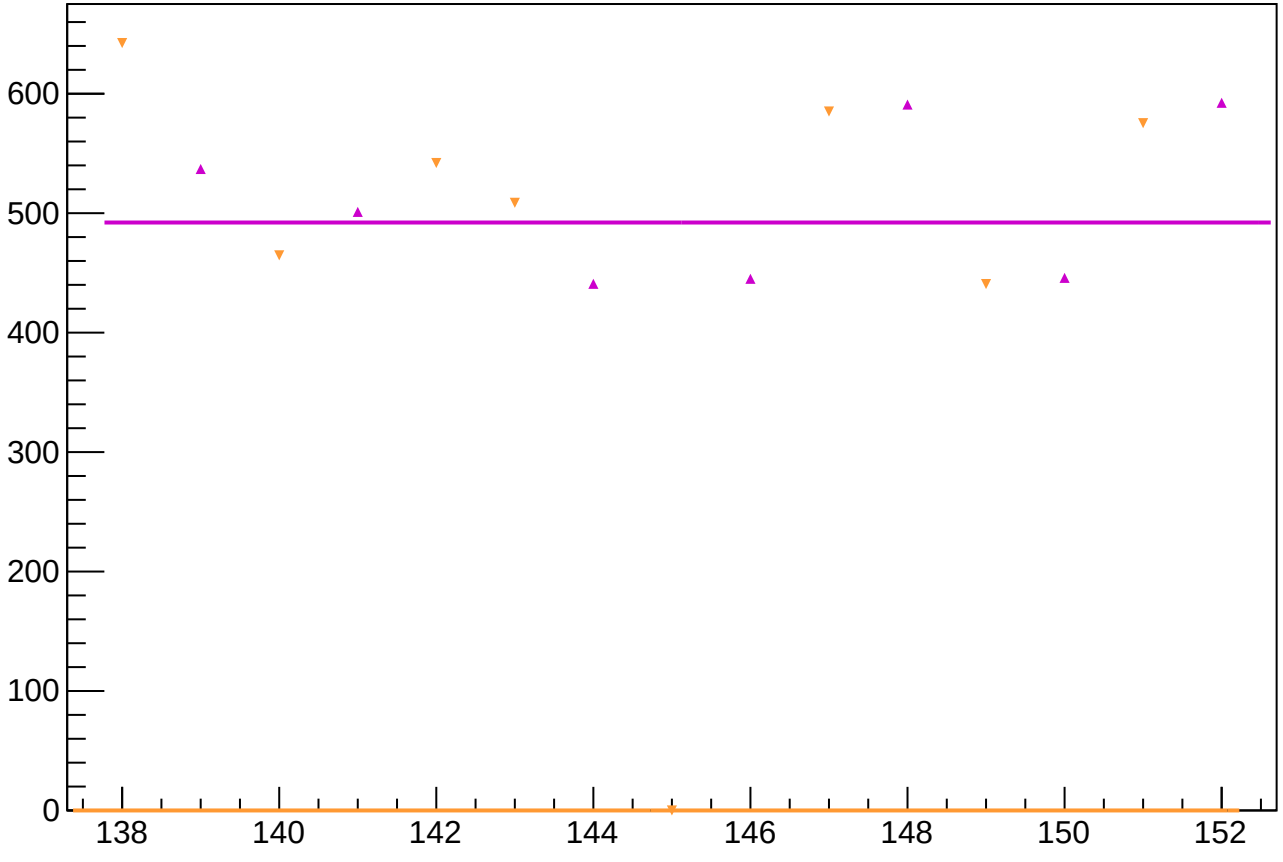
Left In: 474.339+/-206.736 χ^2/NDF:6.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.000+/-0.000 χ^2/NDF: 23.3/14

- 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:9919552.6/7

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

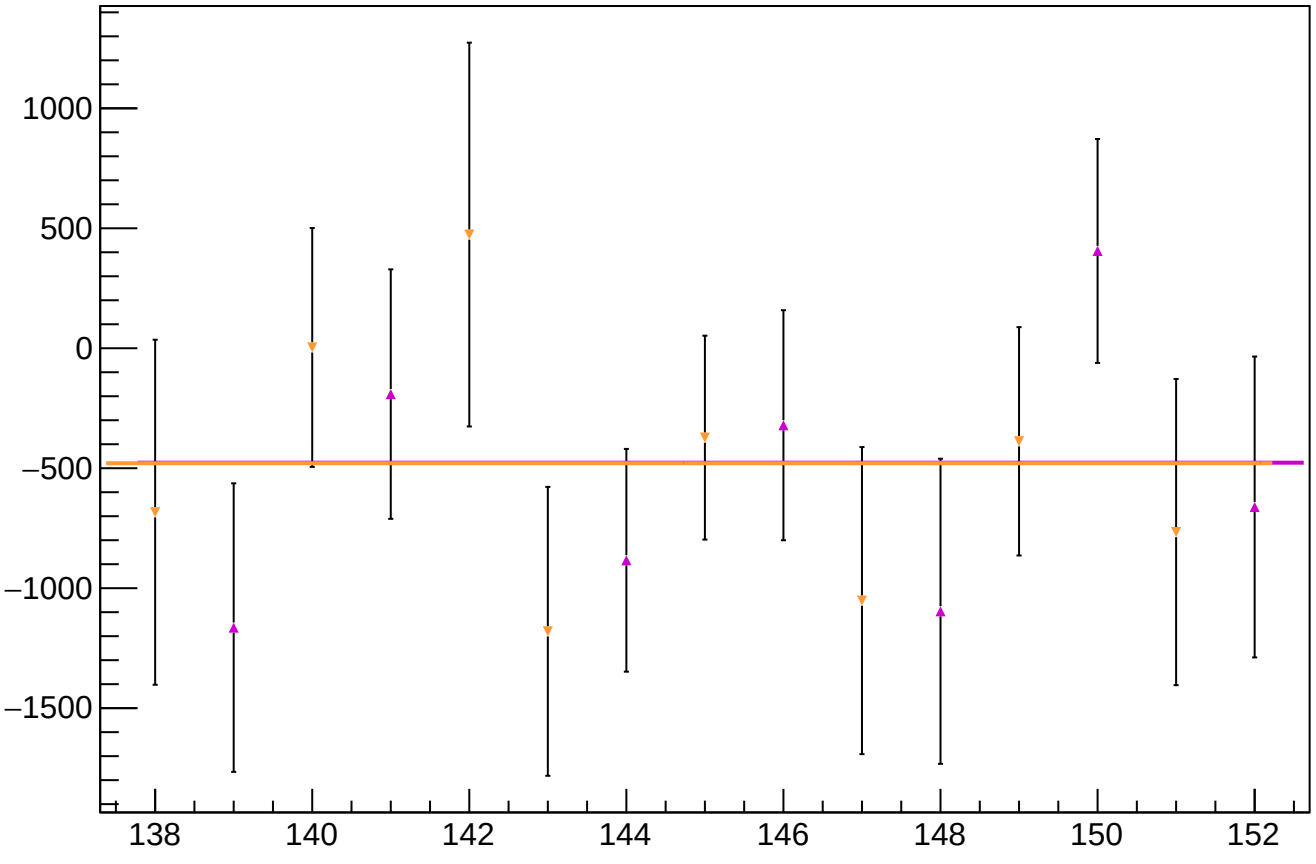
Left In: 492.188+/-0.146 χ^2/NDF:162479.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 21418016.4/14

- 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: -479.175+/-199.419 χ^2/NDF:4.9/7

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

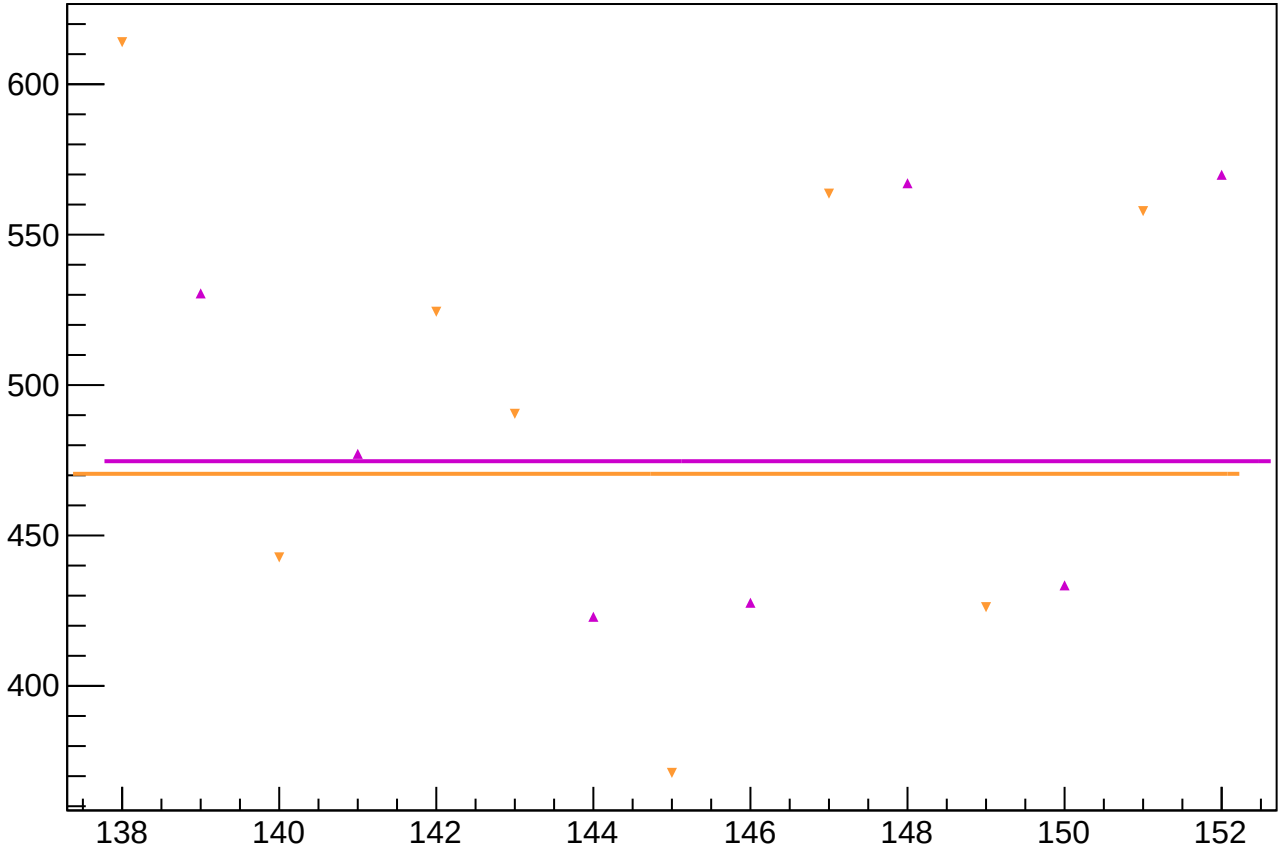
Left In: -476.950+/-199.731 χ^2/NDF:7.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -478.064+/-141.121 χ^2/NDF: 12.0/14

- 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: 470.499+/-0.141 χ^2/NDF:303804.8/7

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

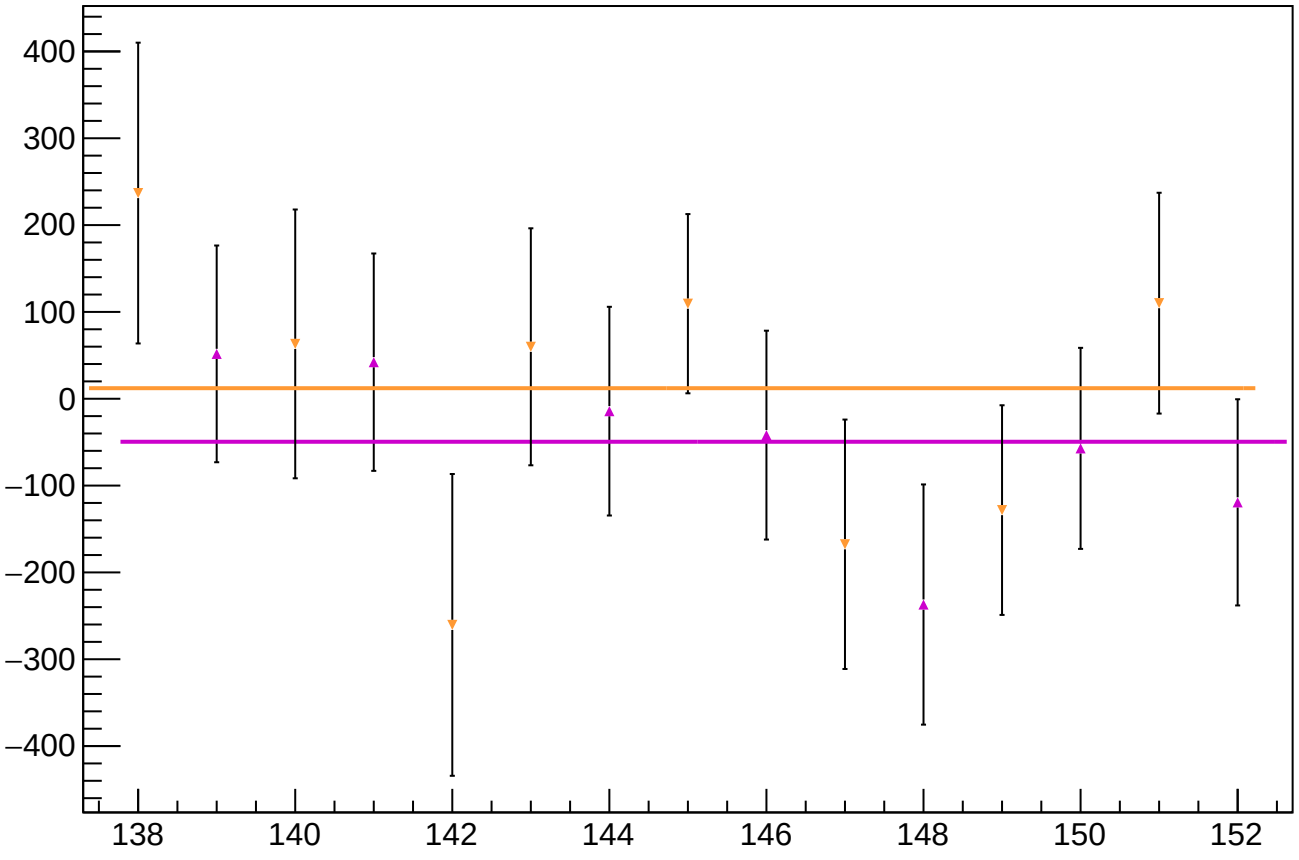
Left In: 474.689+/-0.141 χ^2/NDF:165344.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 472.591+/-0.100 χ^2/NDF: 469589.6/14

- 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: 12.156+/-47.963 χ^2/NDF:8.8/7

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

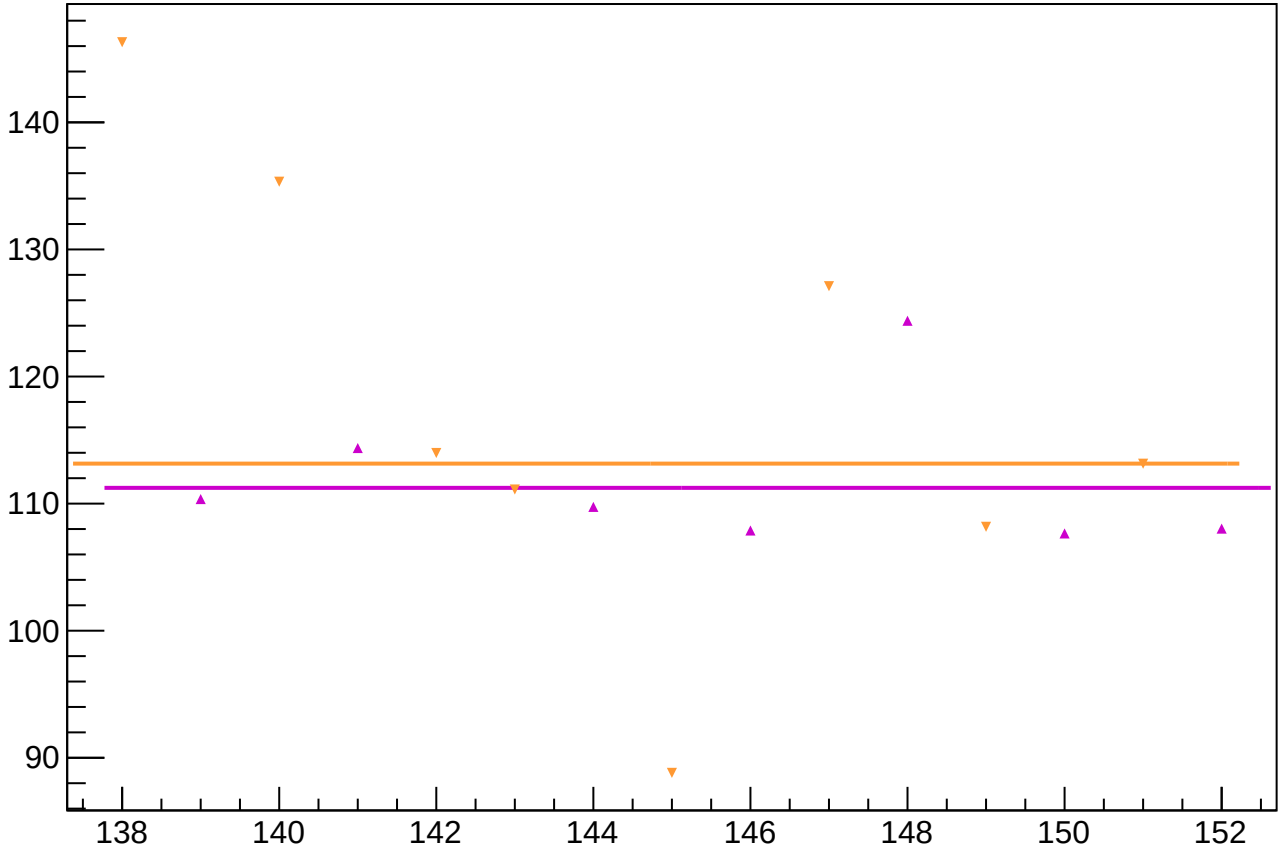
Left In: -49.534+/-46.413 χ^2/NDF:3.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -19.702+/-33.354 χ^2/NDF: 13.1/14

- 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: 113.148+/-0.034 χ^2/NDF:248323.8/7

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

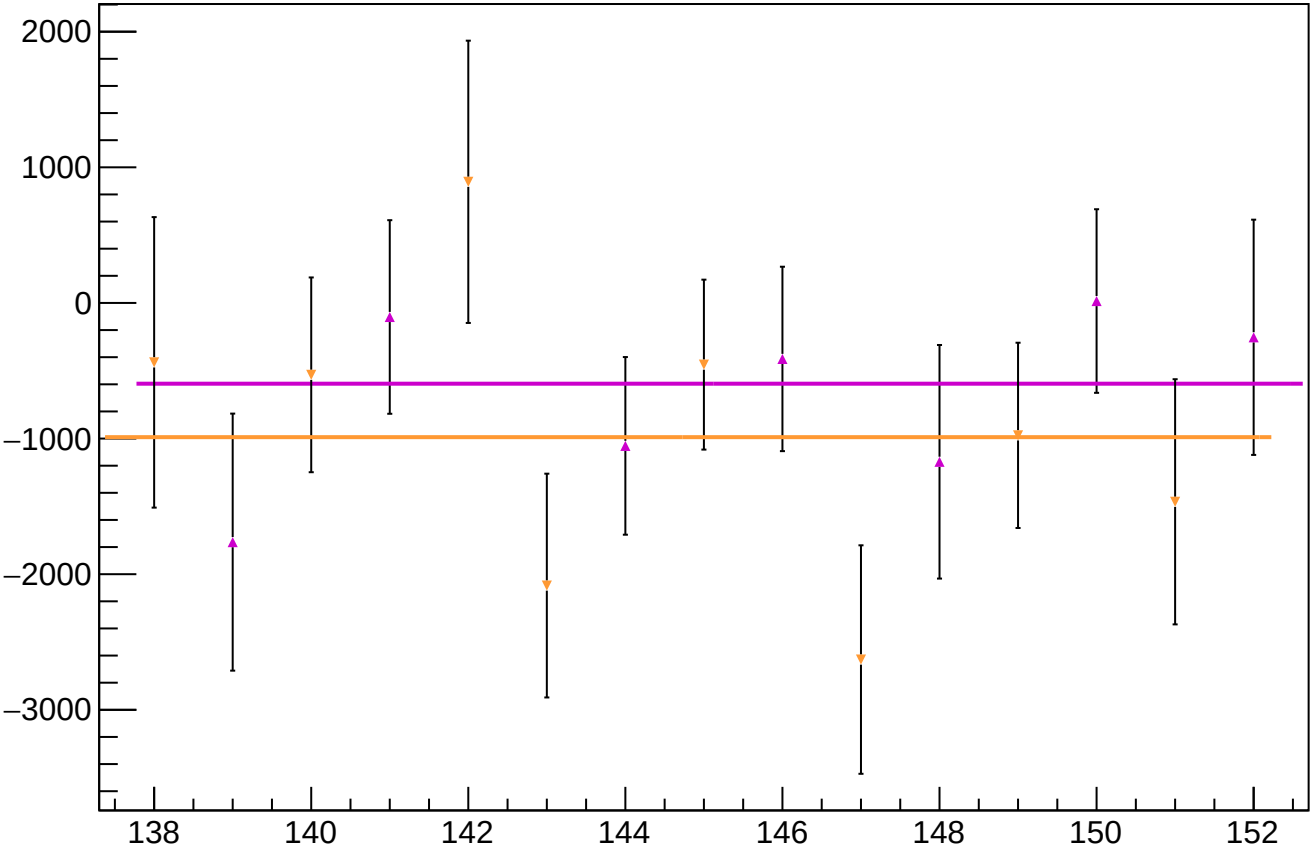
Left In: 111.241+/-0.033 χ^2/NDF:24672.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 112.163+/-0.024 χ^2/NDF: 274629.6/14

- 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: -989.650+/-282.510 χ^2/NDF:10.5/7

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

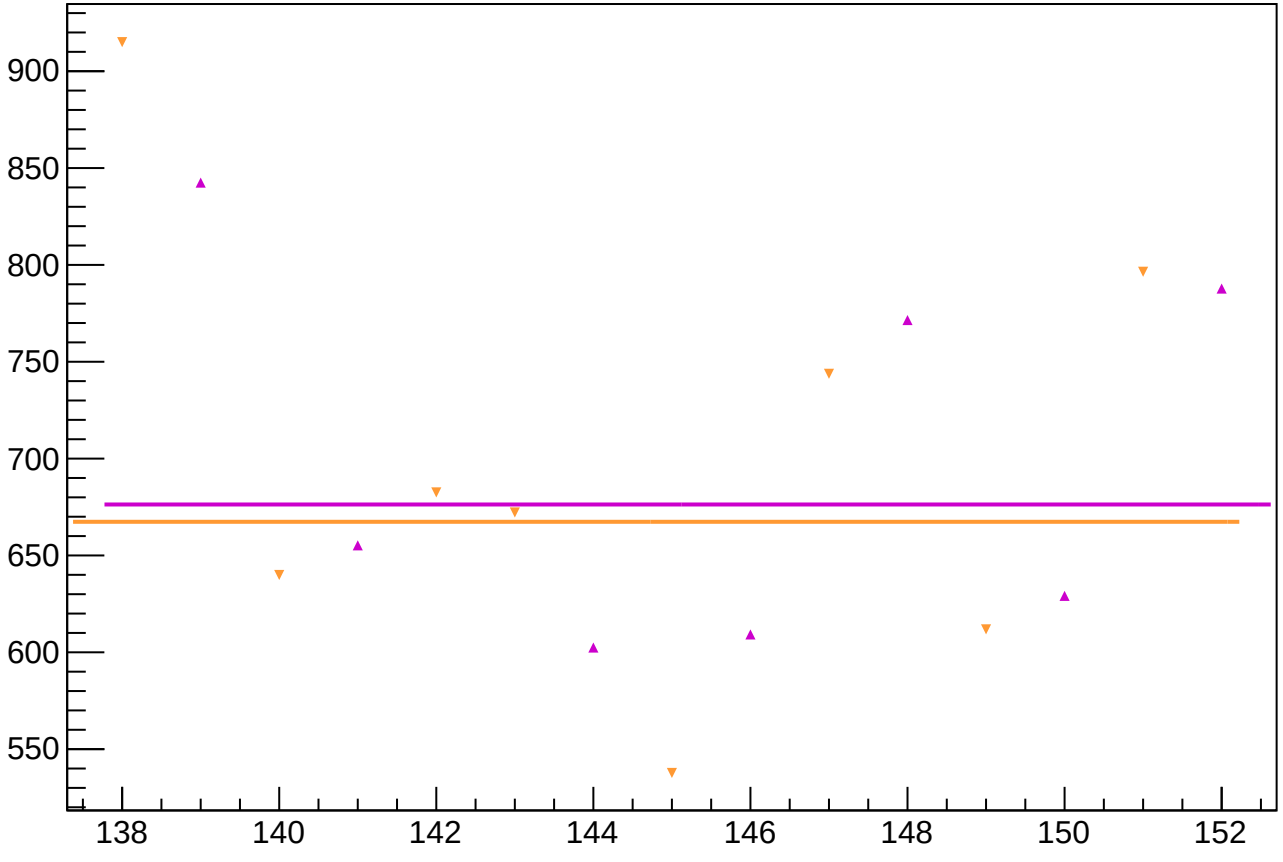
Left In: -595.421+/-283.614 χ^2/NDF:4.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -793.304+/-200.154 χ^2/NDF: 15.4/14

- 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: 667.380+/-0.200 χ^2/NDF:266481.1/7

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

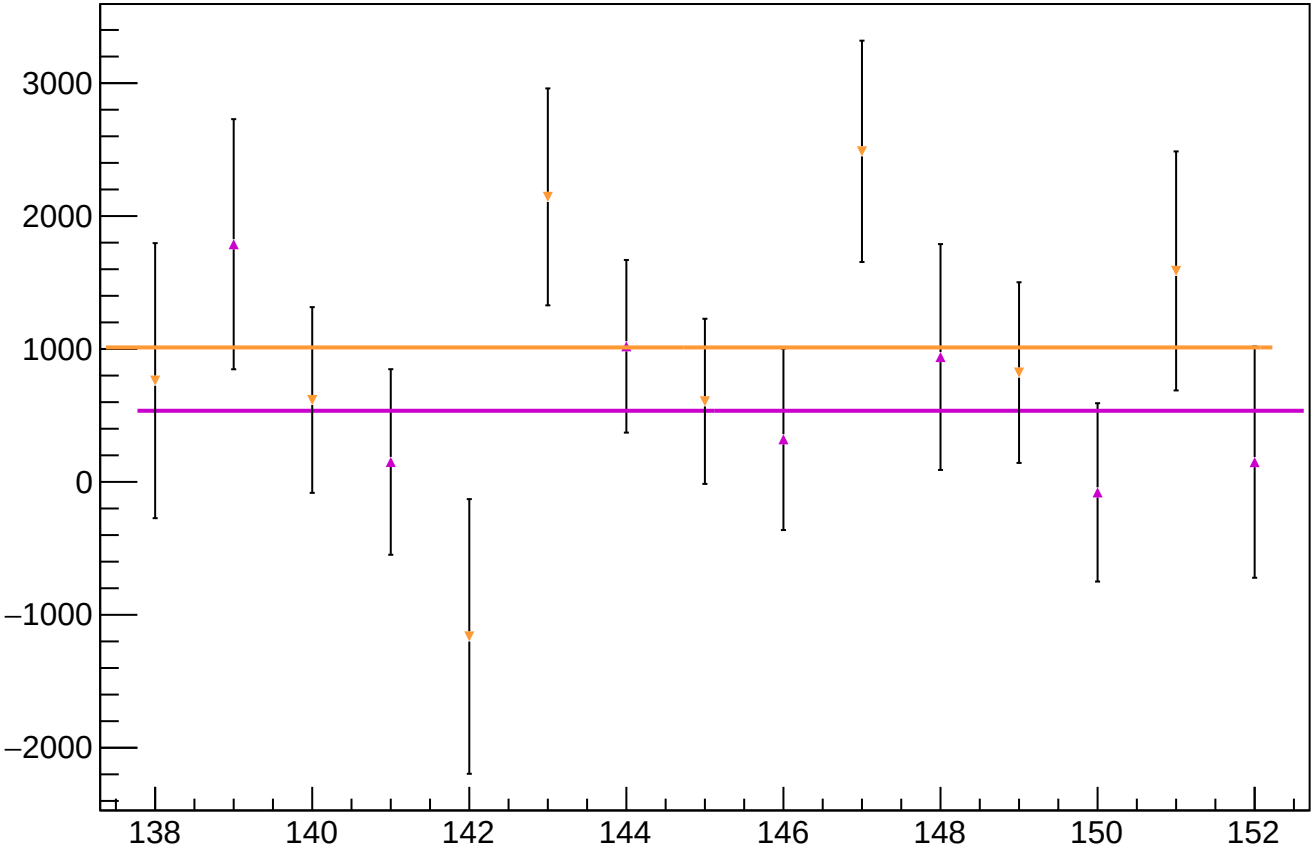
Left In: 676.313+/-0.201 χ^2/NDF:175363.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 671.829+/-0.142 χ^2/NDF: 442840.1/14

- 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: 1011.679+/-278.872 χ^2/NDF:10.8/7

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

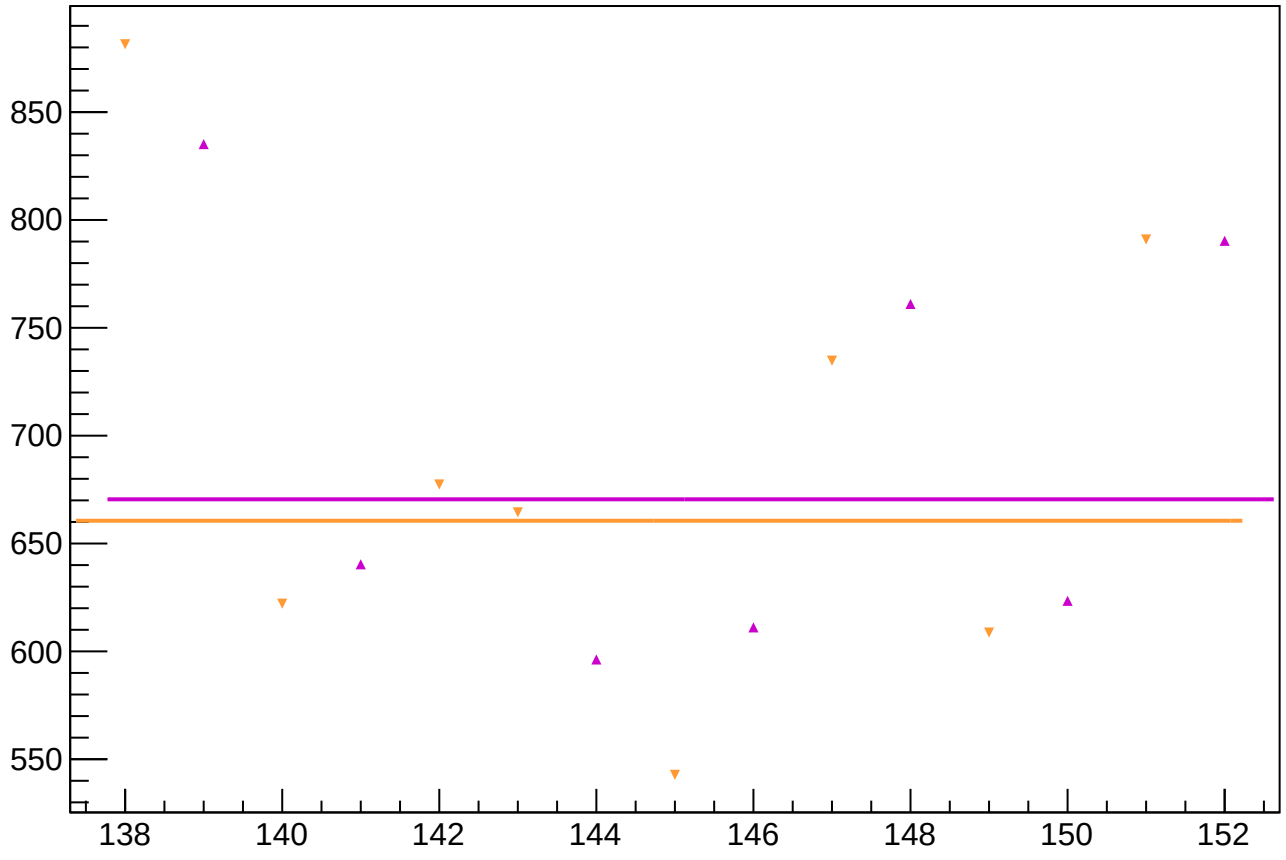
Left In: 535.172+/-281.409 χ^2/NDF:4.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 775.583+/-198.083 χ^2/NDF: 16.2/14

- 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: 660.562+/-0.197 χ^2/NDF:239366.7/7

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

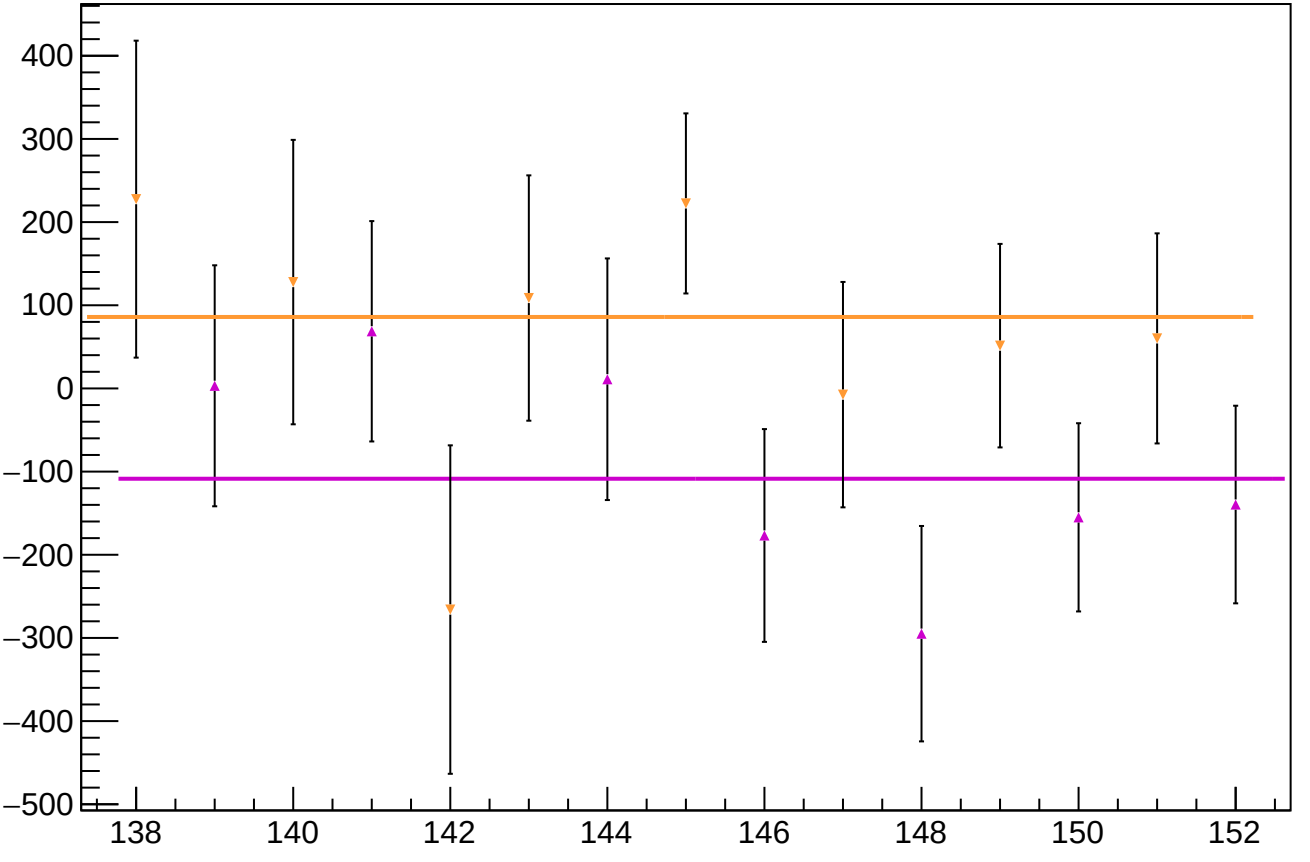
Left In: 670.495+/-0.199 χ^2/NDF:176791.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 665.484+/-0.140 χ^2/NDF: 417415.3/14

- 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: 85.931+/-49.838 χ^2/NDF:6.0/7

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

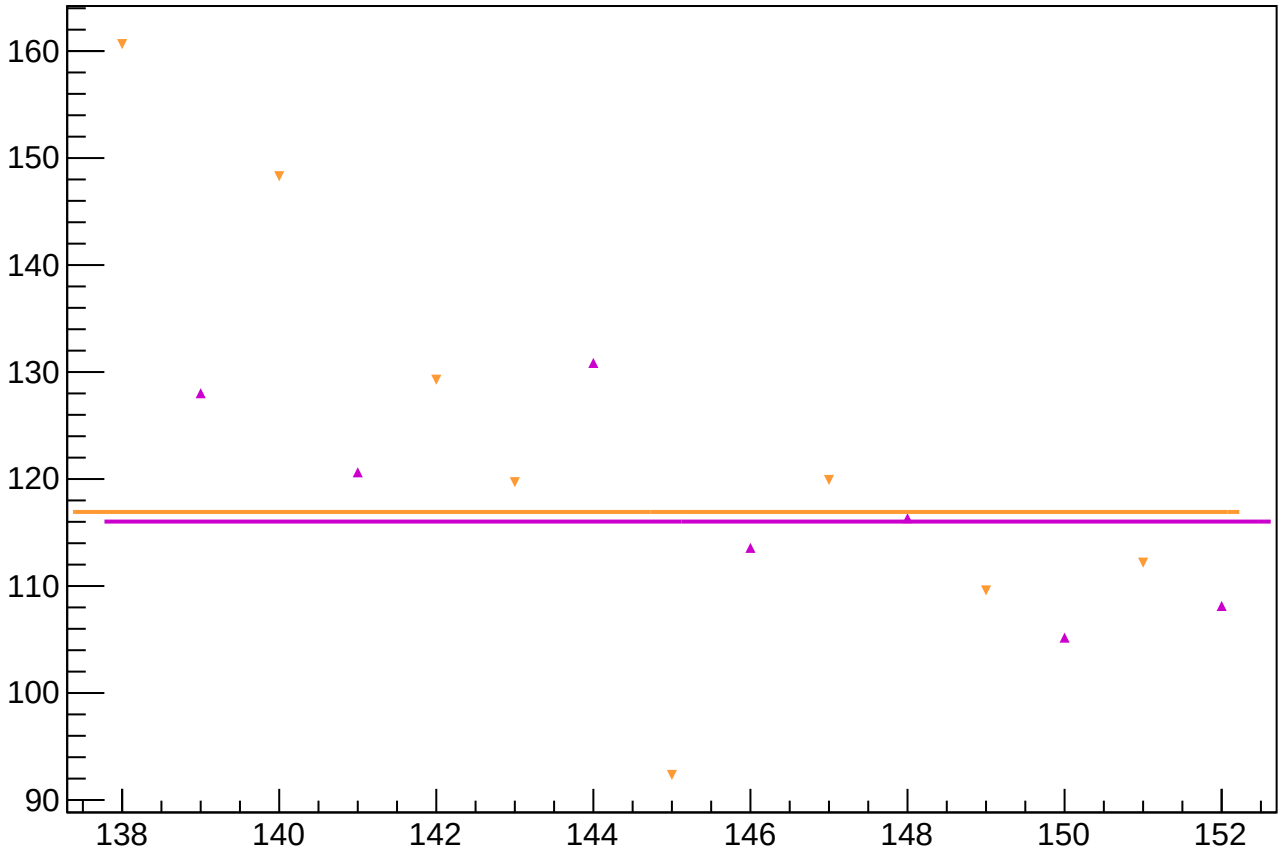
Left In: -108.587+/-48.700 χ^2/NDF:5.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.575+/-34.832 χ^2/NDF: 19.4/14

- 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: 116.924+/-0.035 χ^2/NDF:295296.7/7

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

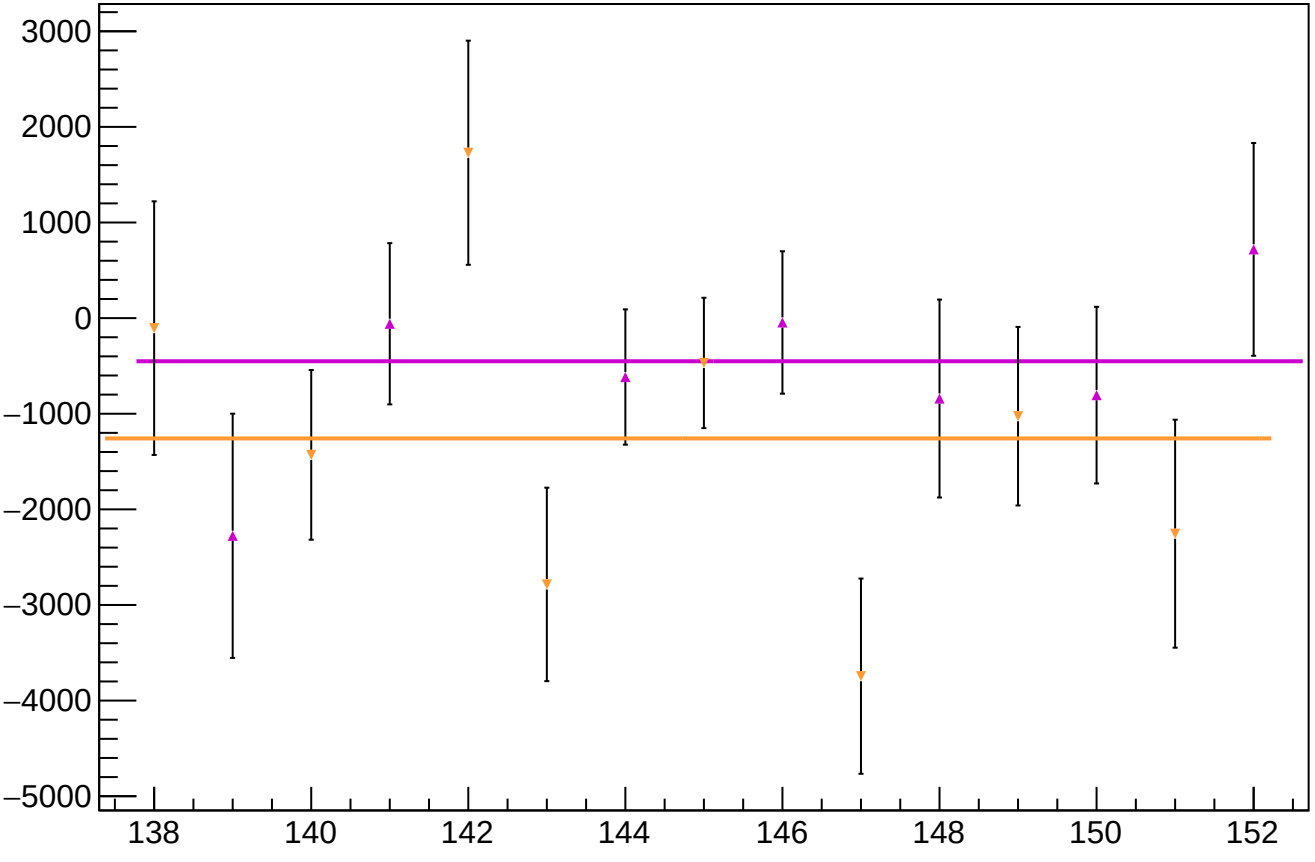
Left In: 116.023+/-0.034 χ^2/NDF:64901.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 116.463+/-0.025 χ^2/NDF: 360532.5/14

- 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: -1258.179+/-342.902 χ^2/NDF:17.6/7

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

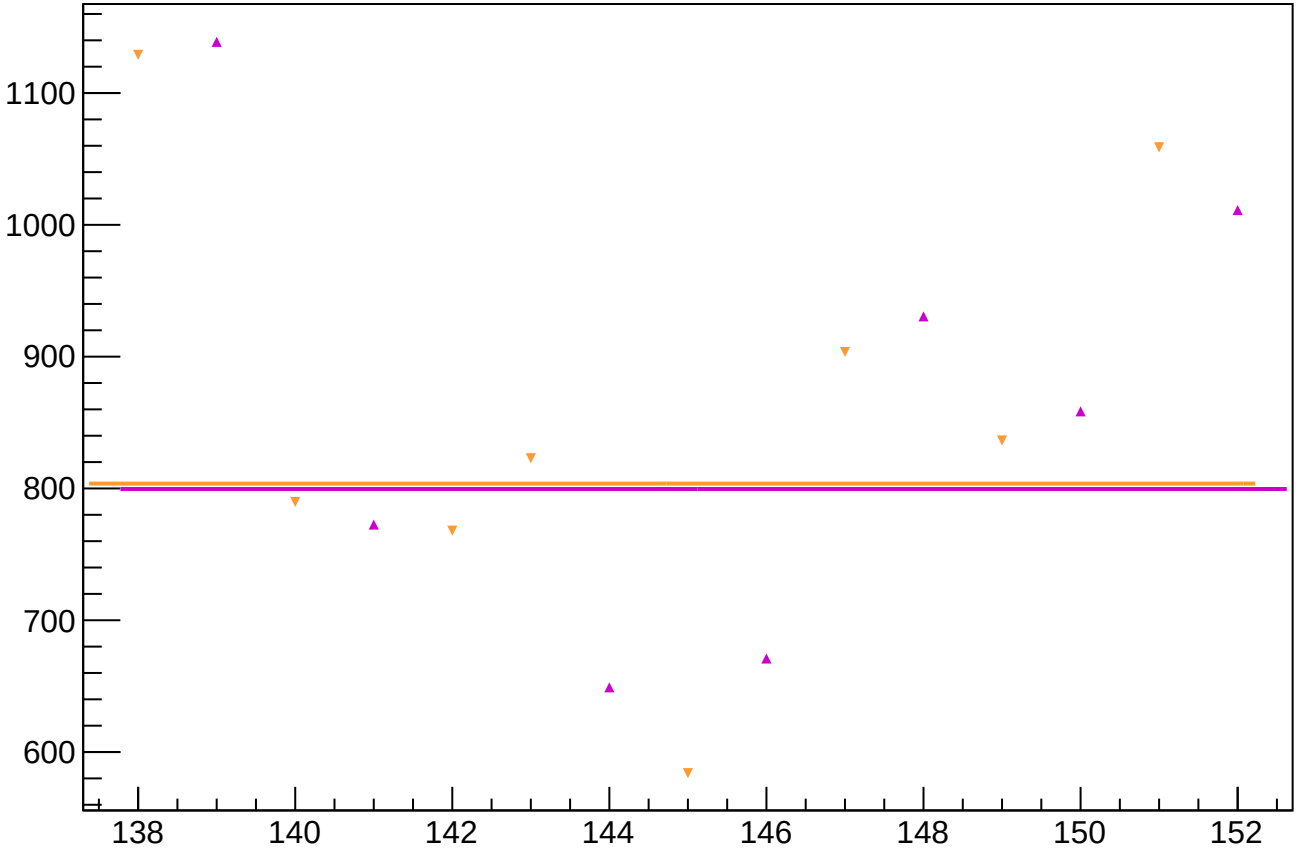
Left In: -451.052+/-338.374 χ^2/NDF:4.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -849.252+/-240.851 χ^2/NDF: 24.4/14

- 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: 803.670+/-0.242 χ^2/NDF:444358.2/7

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

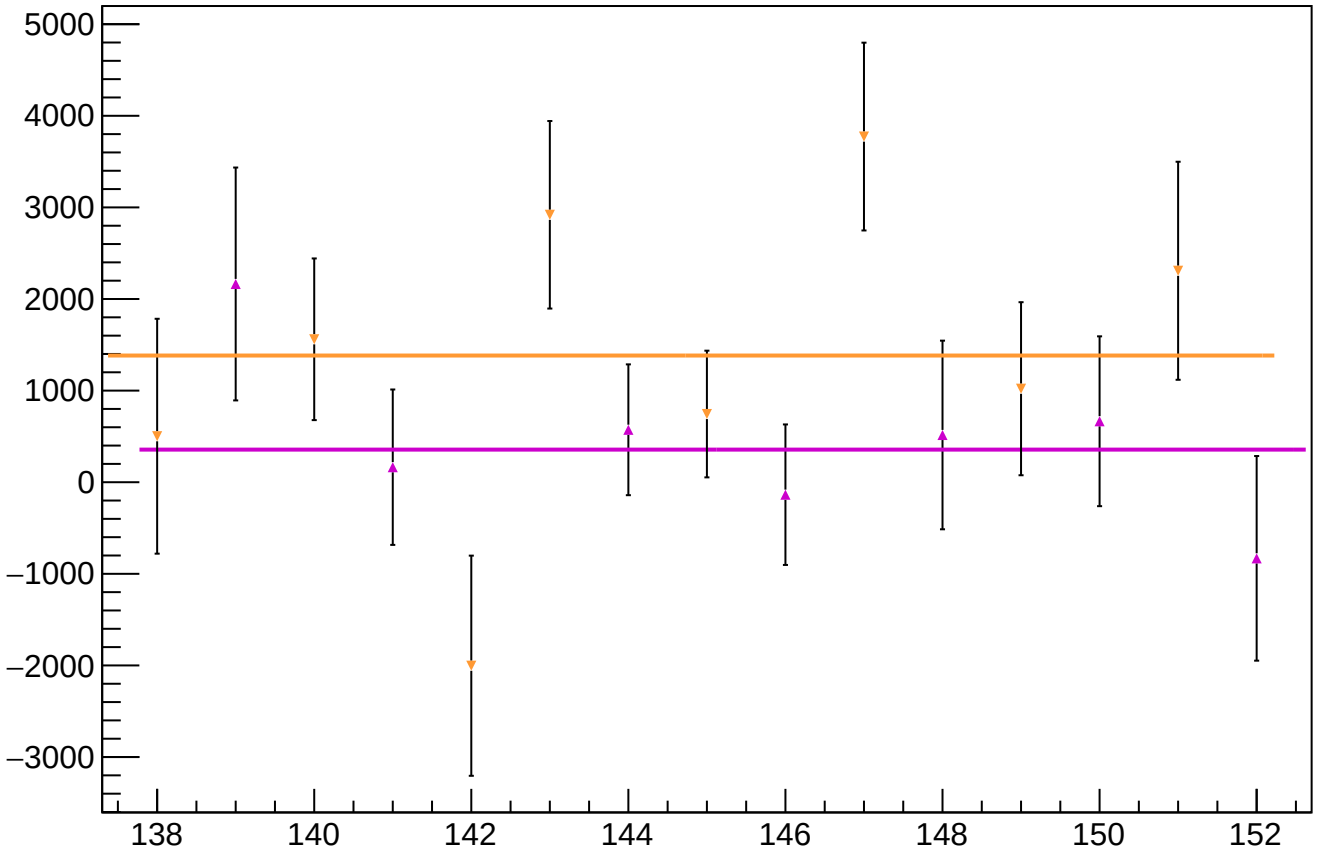
Left In: 799.573+/-0.239 χ^2/NDF:405807.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 801.594+/-0.170 χ^2/NDF: 850310.6/14

- 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: 1382.968+/-344.839 χ^2/NDF:17.7/7

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

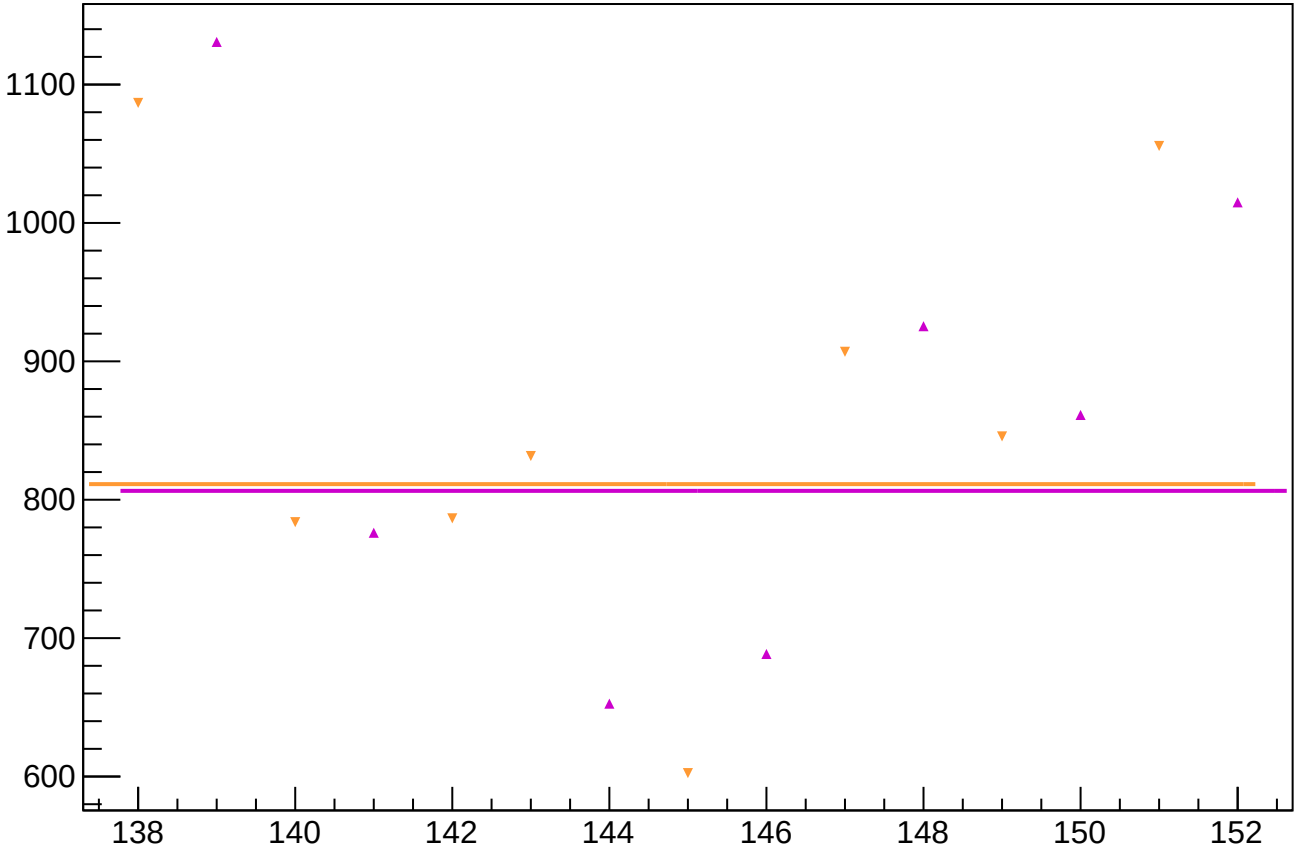
Left In: 355.937+/-341.413 χ^2/NDF:3.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 864.325+/-242.617 χ^2/NDF: 26.1/14

- 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: 811.280+/-0.244 χ^2/NDF:382661.2/7

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

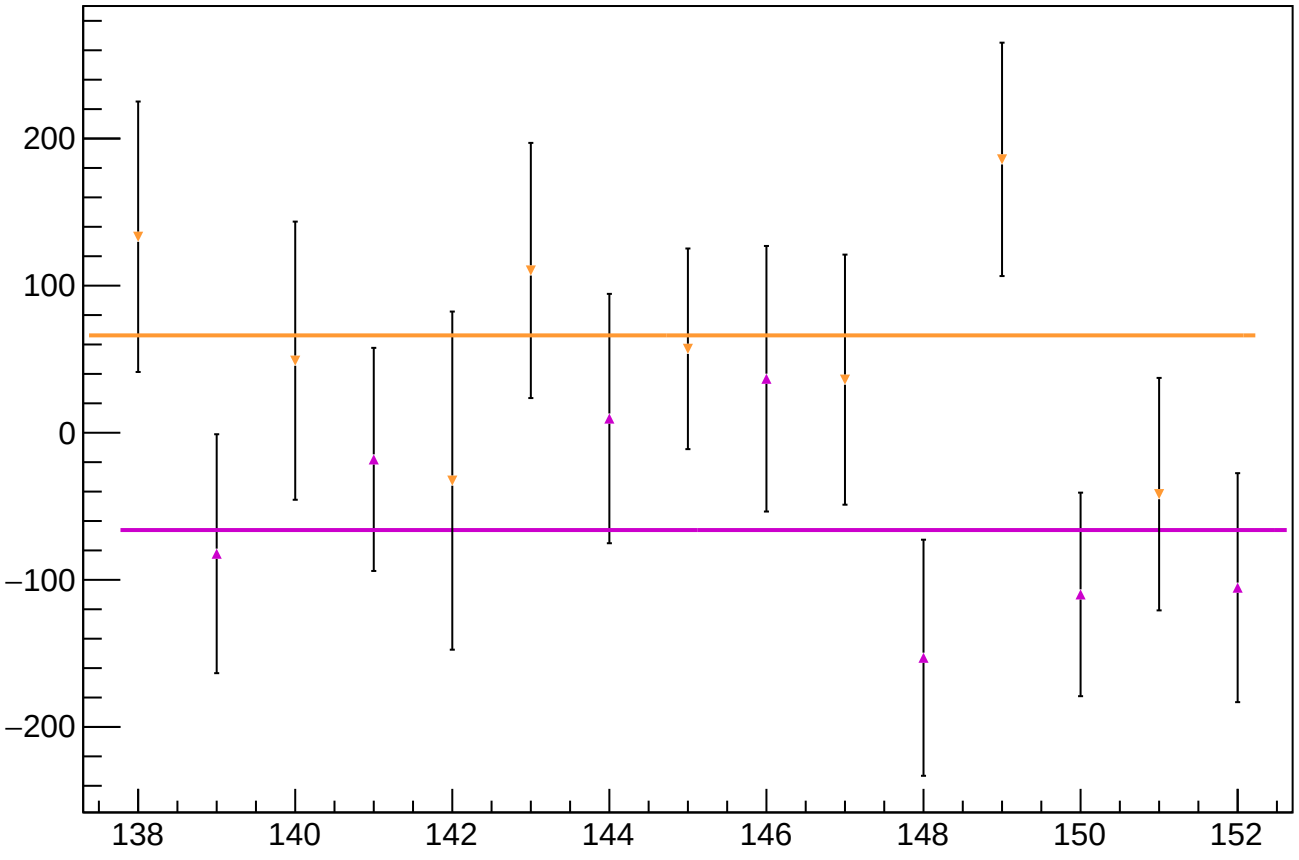
Left In: 806.414+/-0.241 χ^2/NDF:376152.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 808.823+/-0.172 χ^2/NDF: 759015.0/14

- 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: 66.191+/-29.997 χ^2/NDF:5.8/7

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

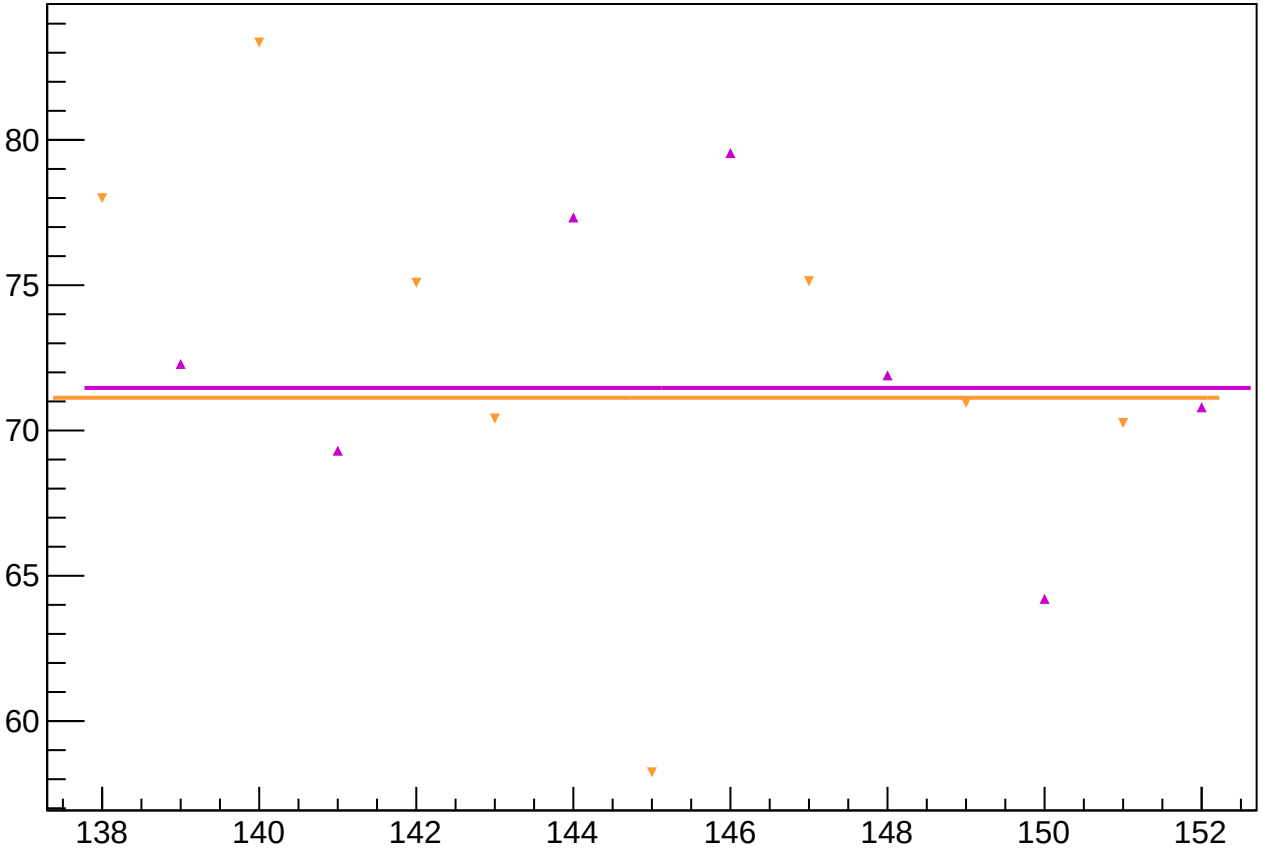
Left In: -66.145+/-29.924 χ^2/NDF:4.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.139+/-21.185 χ^2/NDF: 20.0/14

- 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: 71.127+/-0.021 χ^2/NDF:123259.2/7

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

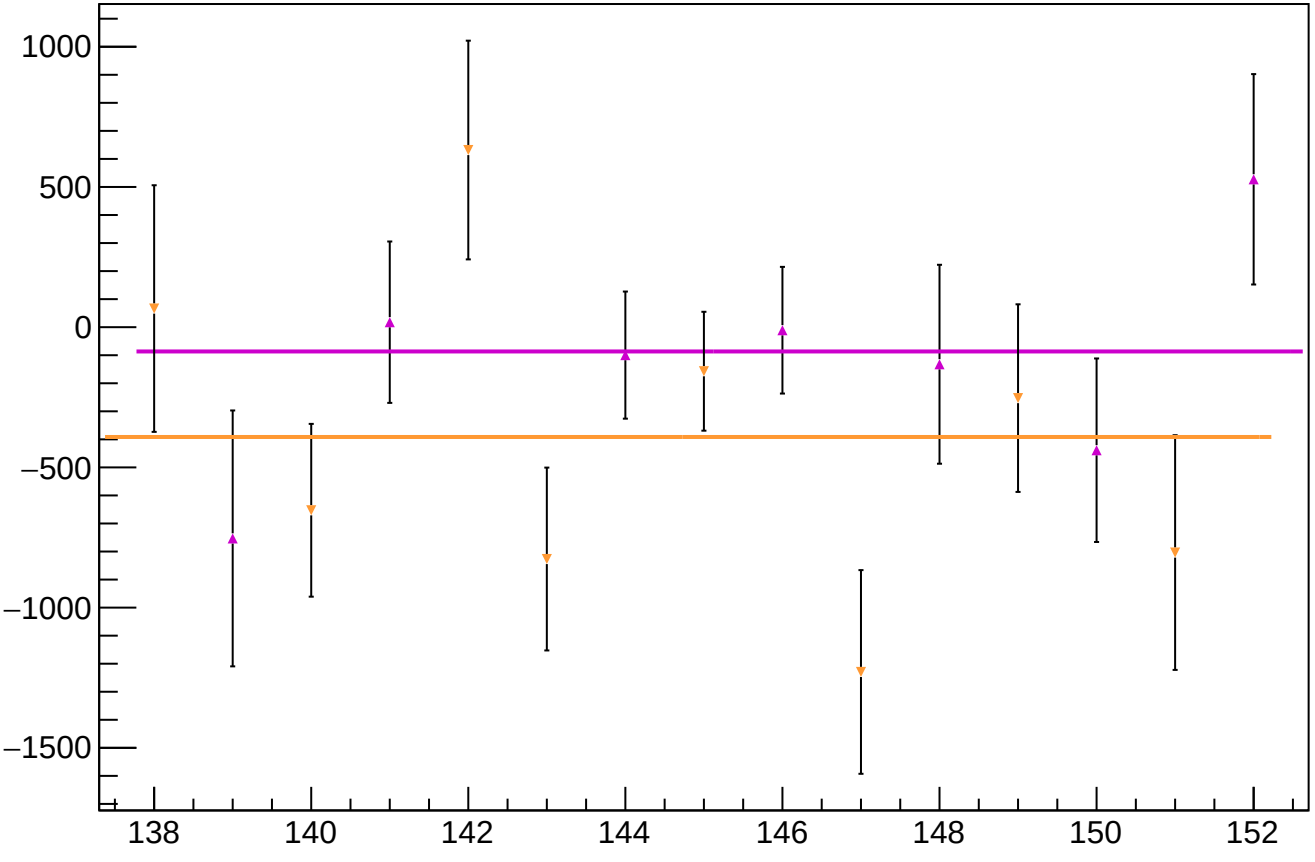
Left In: 71.465+/-0.021 χ^2/NDF:49666.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 71.296+/-0.015 χ^2/NDF: 173052.9/14

- 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: -391.541+/-114.573 χ^2/NDF:18.2/7

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

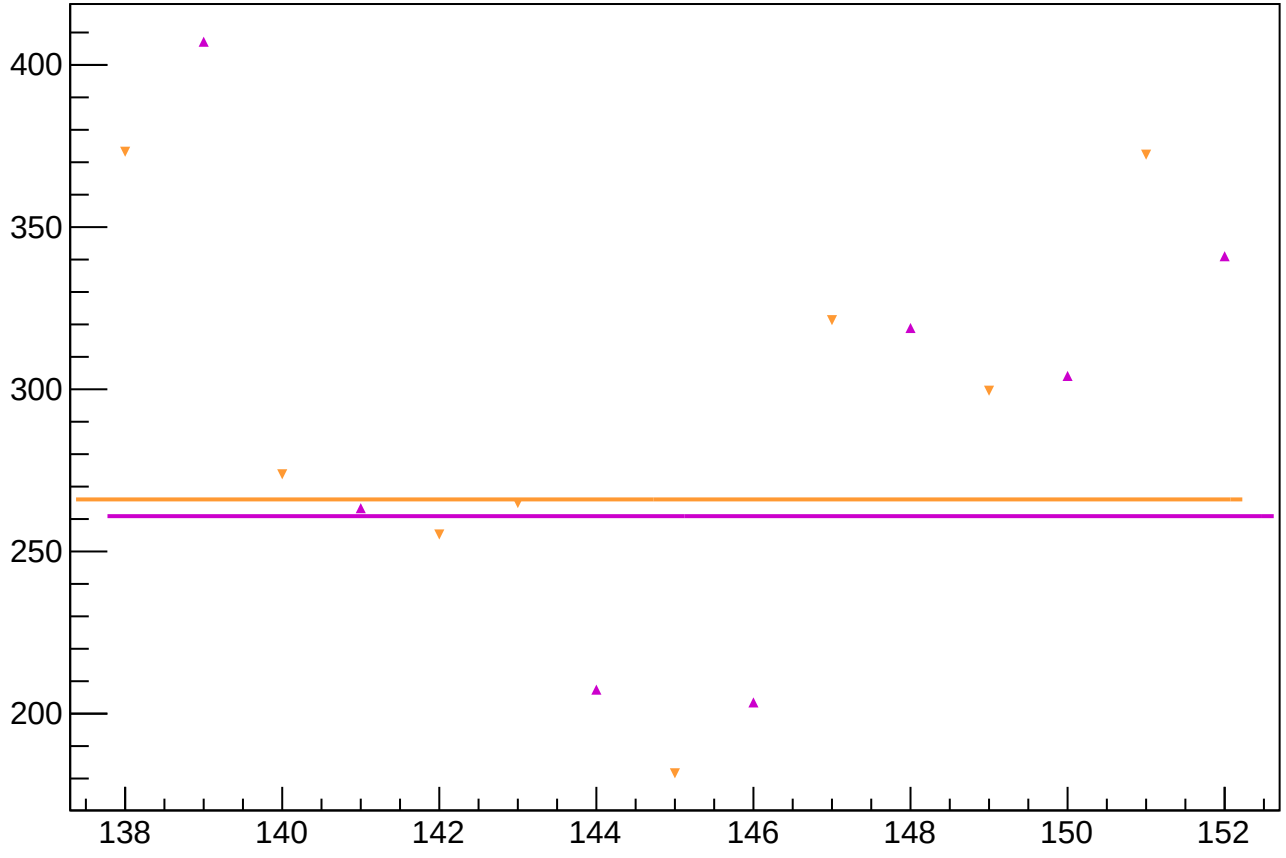
Left In: -86.559+/-111.563 χ^2/NDF:6.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -234.991+/-79.930 χ^2/NDF: 28.0/14

- 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: 266.050+/-0.081 χ^2/NDF:634521.9/7

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

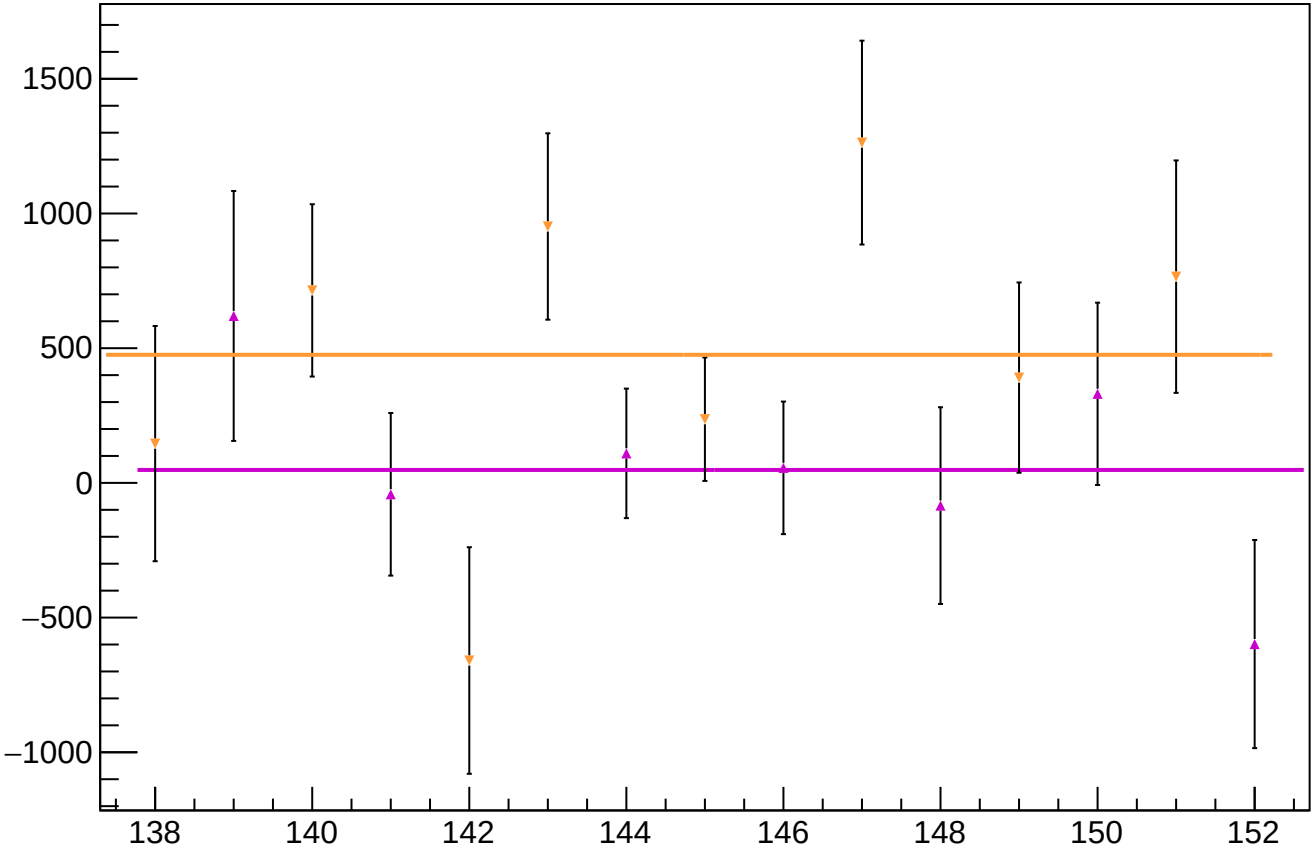
Left In: 260.889+/-0.079 χ^2/NDF:626036.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 263.401+/-0.057 χ^2/NDF: 1262641.4/14

- 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: 475.484+/-120.858 χ^2/NDF:16.2/7

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

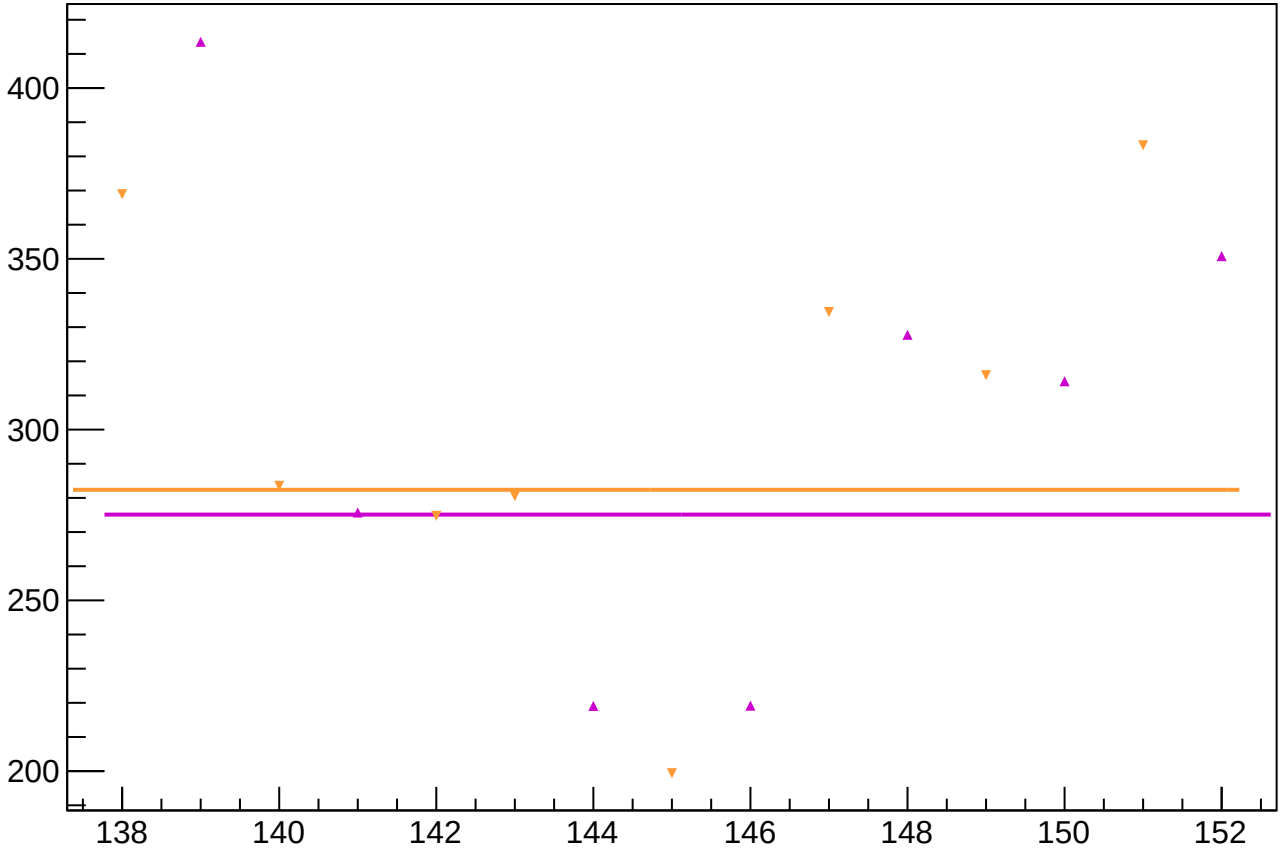
Left In: 48.078+/-117.544 χ^2/NDF:5.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 255.840+/-84.264 χ^2/NDF: 28.0/14

- 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: 282.373+/-0.085 χ^2/NDF:507038.7/7

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

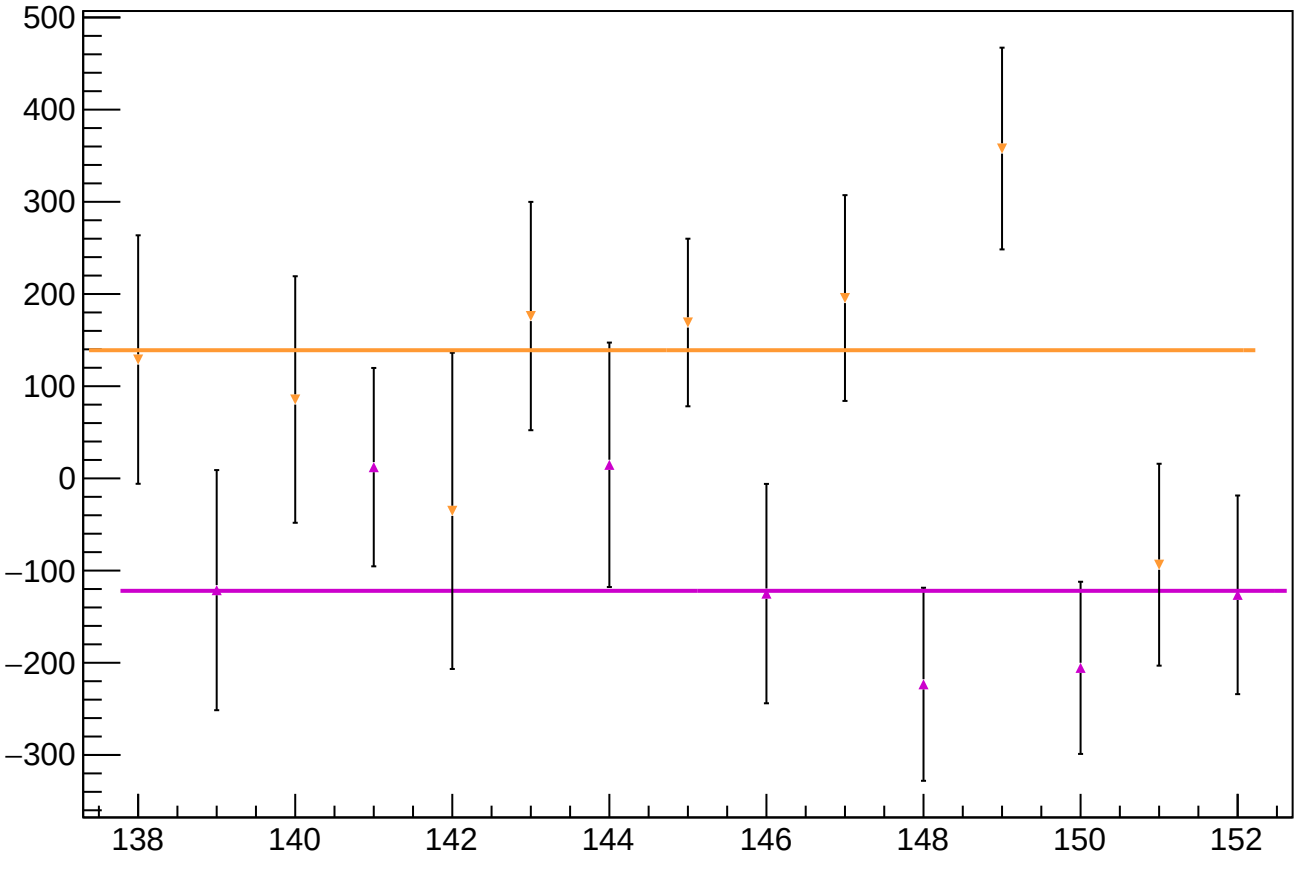
Left In: 275.114+/-0.083 χ^2/NDF:535058.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 278.643+/-0.060 χ^2/NDF: 1045805.3/14

- 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: 139.033+/-41.578 χ^2/NDF:10.2/7

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

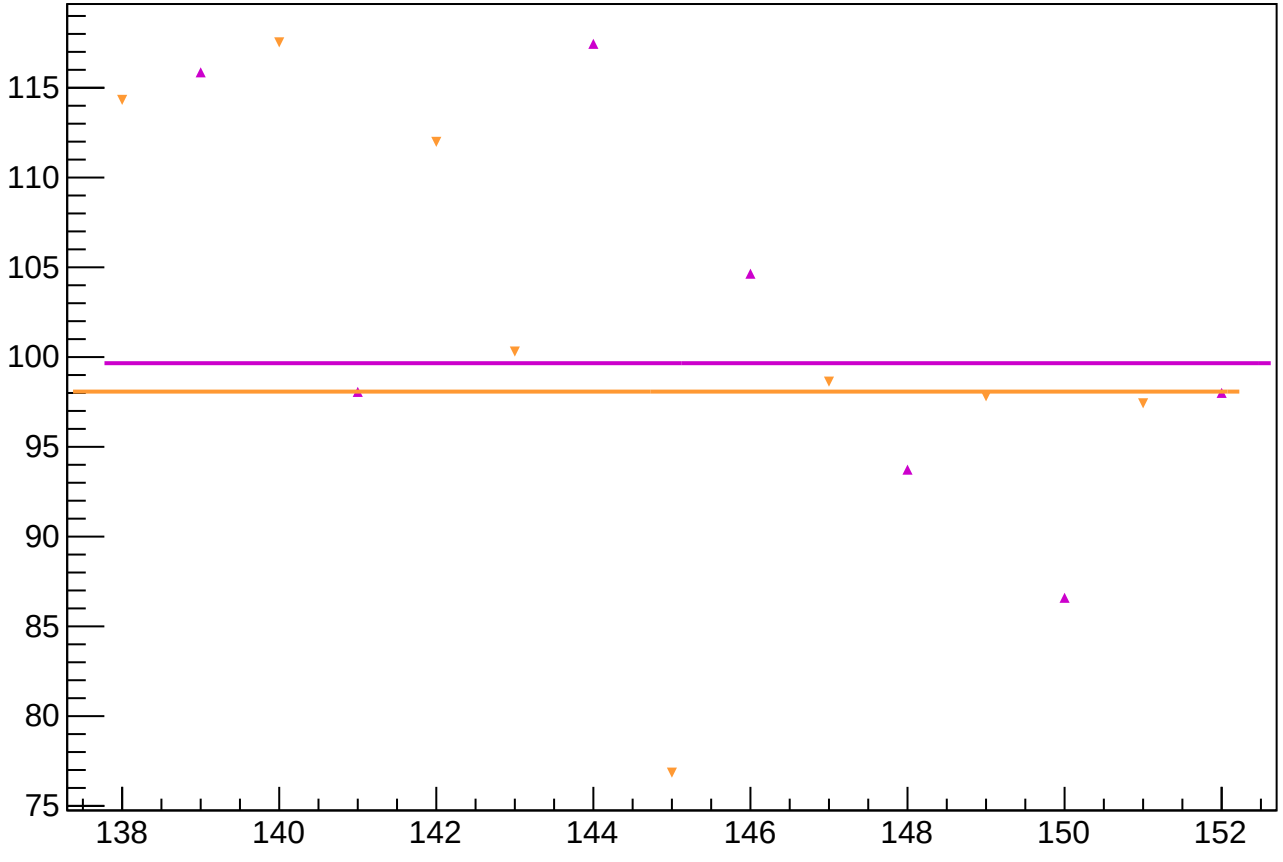
Left In: -121.959+/-42.072 χ^2/NDF:4.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.080+/-29.573 χ^2/NDF: 34.0/14

- 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: 98.077+/-0.029 χ^2/NDF:194395.5/7

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

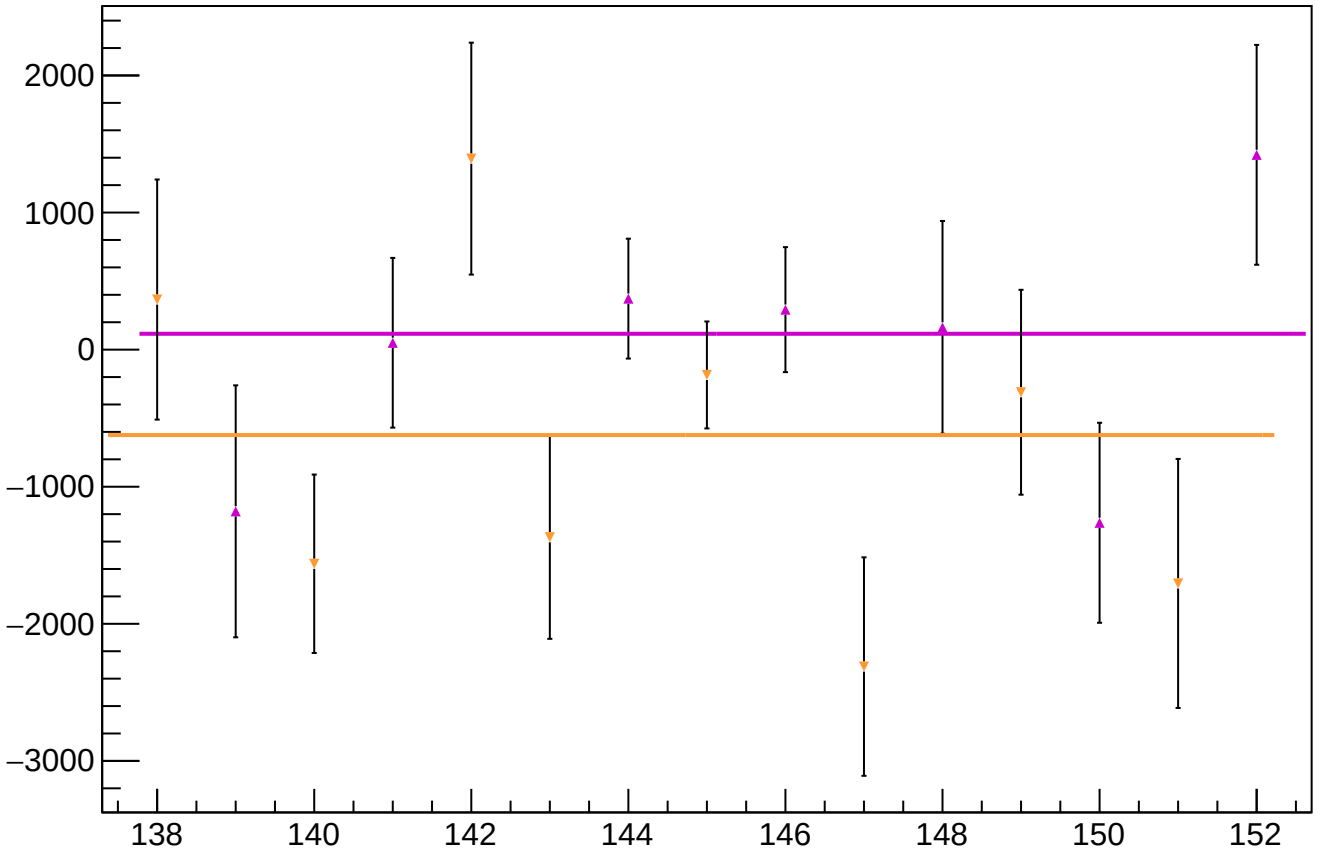
Left In: 99.659+/-0.030 χ^2/NDF:116960.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 98.859+/-0.021 χ^2/NDF: 312786.2/14

- 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: -622.981+/-235.503 χ^2/NDF:17.4/7

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

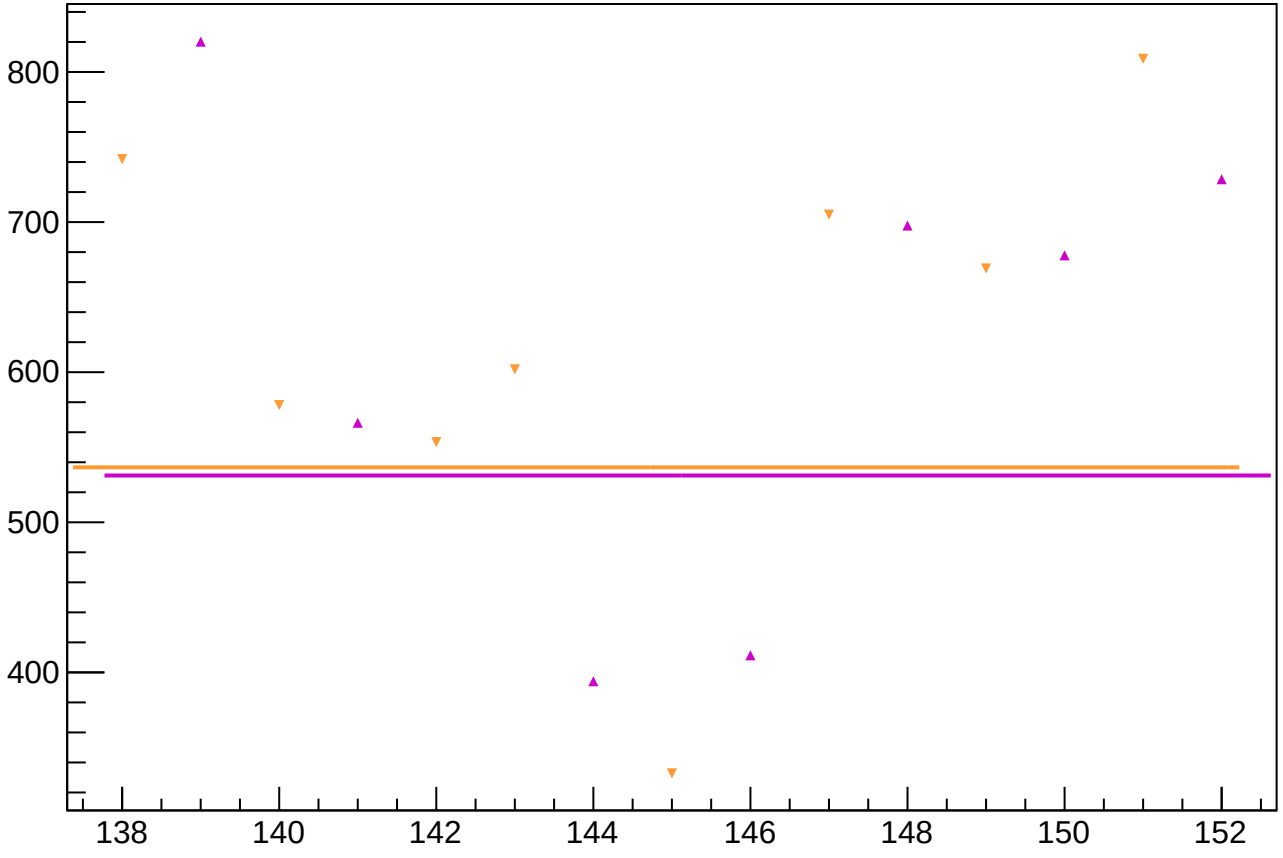
Left In: 115.767+/-229.828 χ^2/NDF:8.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -244.597+/-164.483 χ^2/NDF: 31.2/14

- 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: 536.631+/-0.167 χ^2/NDF:1012284.3/7

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

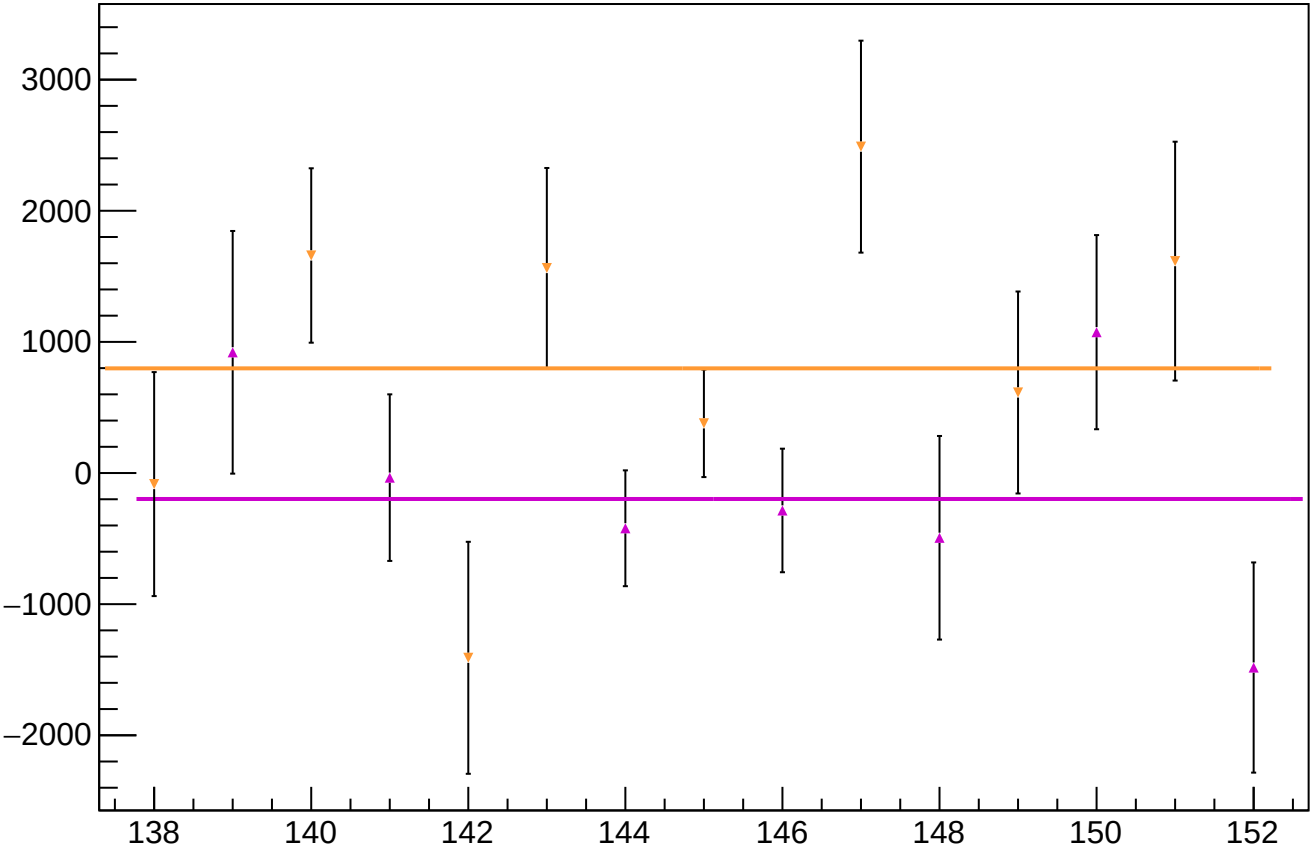
Left In: 531.181+/-0.163 χ^2/NDF:833126.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 533.839+/-0.116 χ^2/NDF: 1845958.8/14

- 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: 798.244+/-242.553 χ^2/NDF:16.3/7

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

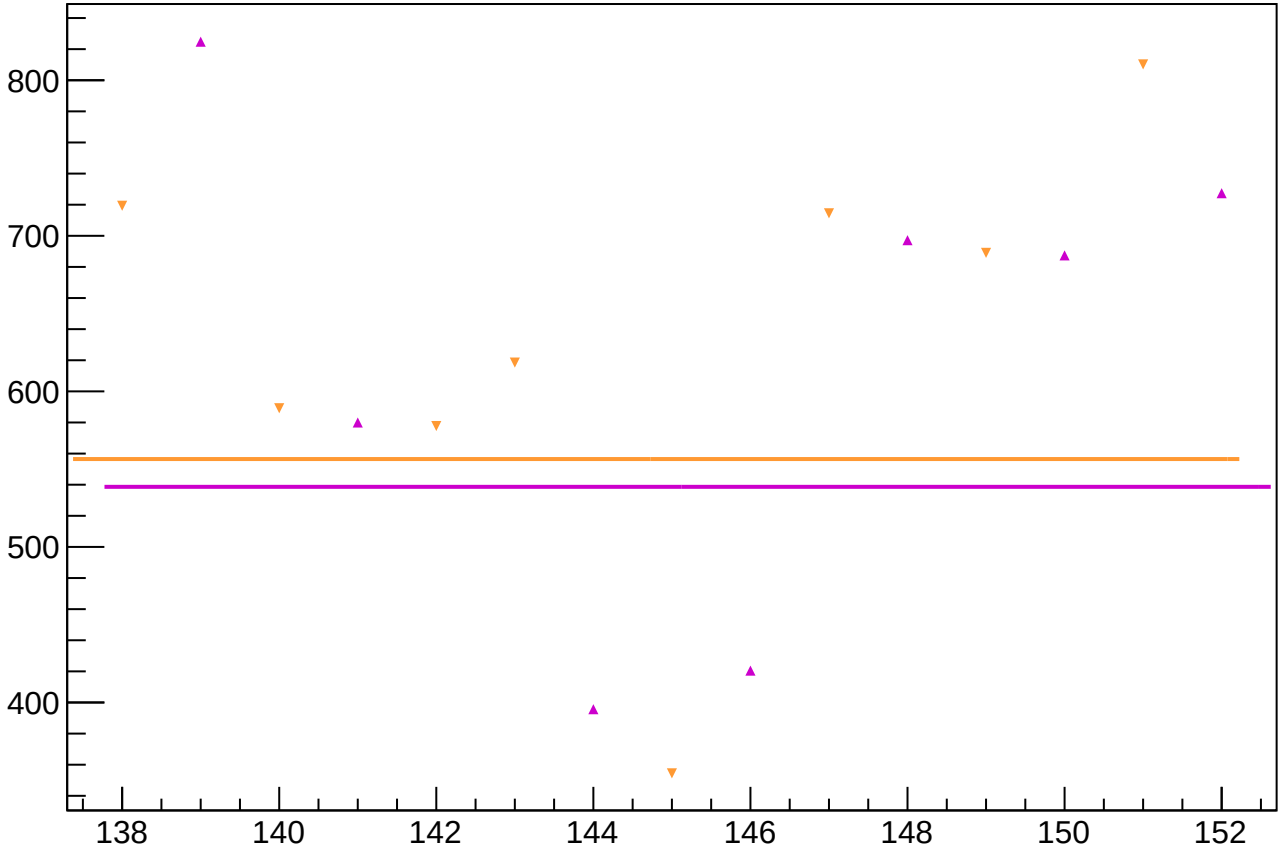
Left In: -197.966+/-233.647 χ^2/NDF:7.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 281.515+/-168.274 χ^2/NDF: 32.5/14

- 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: 556.494+/-0.172 χ^2/NDF:868361.3/7

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

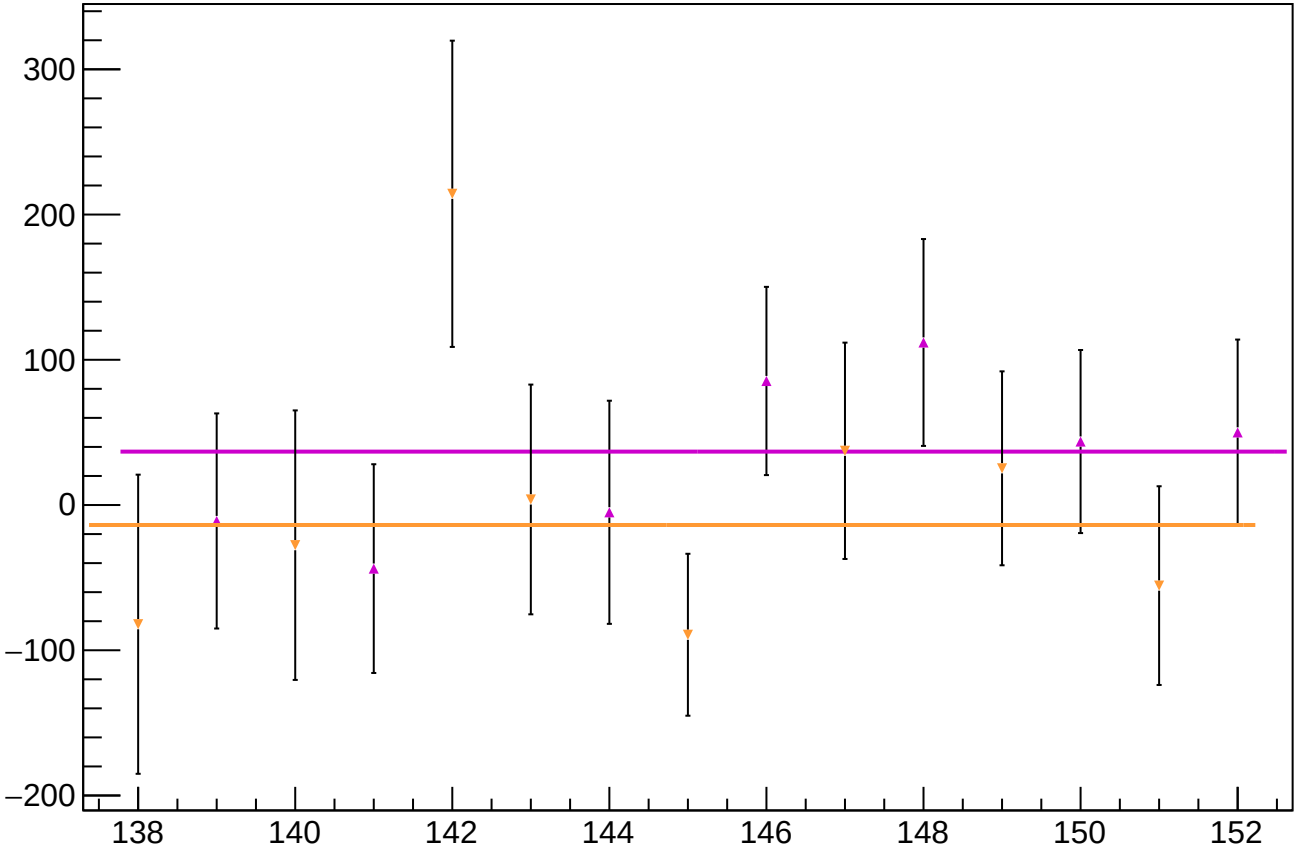
Left In: 538.634+/-0.165 χ^2/NDF:810189.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 547.230+/-0.119 χ^2/NDF: 1684175.7/14

- 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: -13.750+/-26.723 χ^2/NDF:8.2/7

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

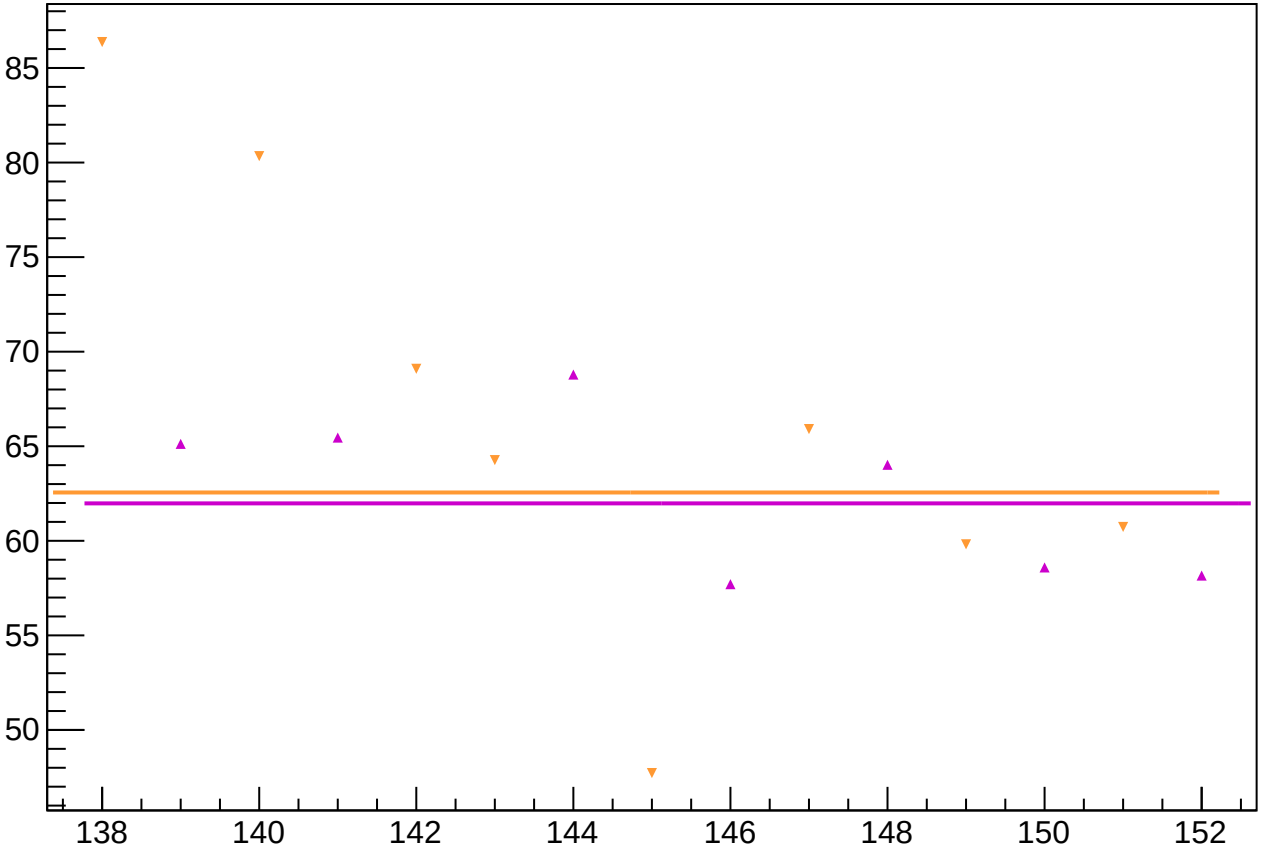
Left In: 36.771+/-26.018 χ^2/NDF:3.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 12.186+/-18.642 χ^2/NDF: 13.7/14

- 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: 62.556+/-0.019 χ^2/NDF:339526.2/7

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

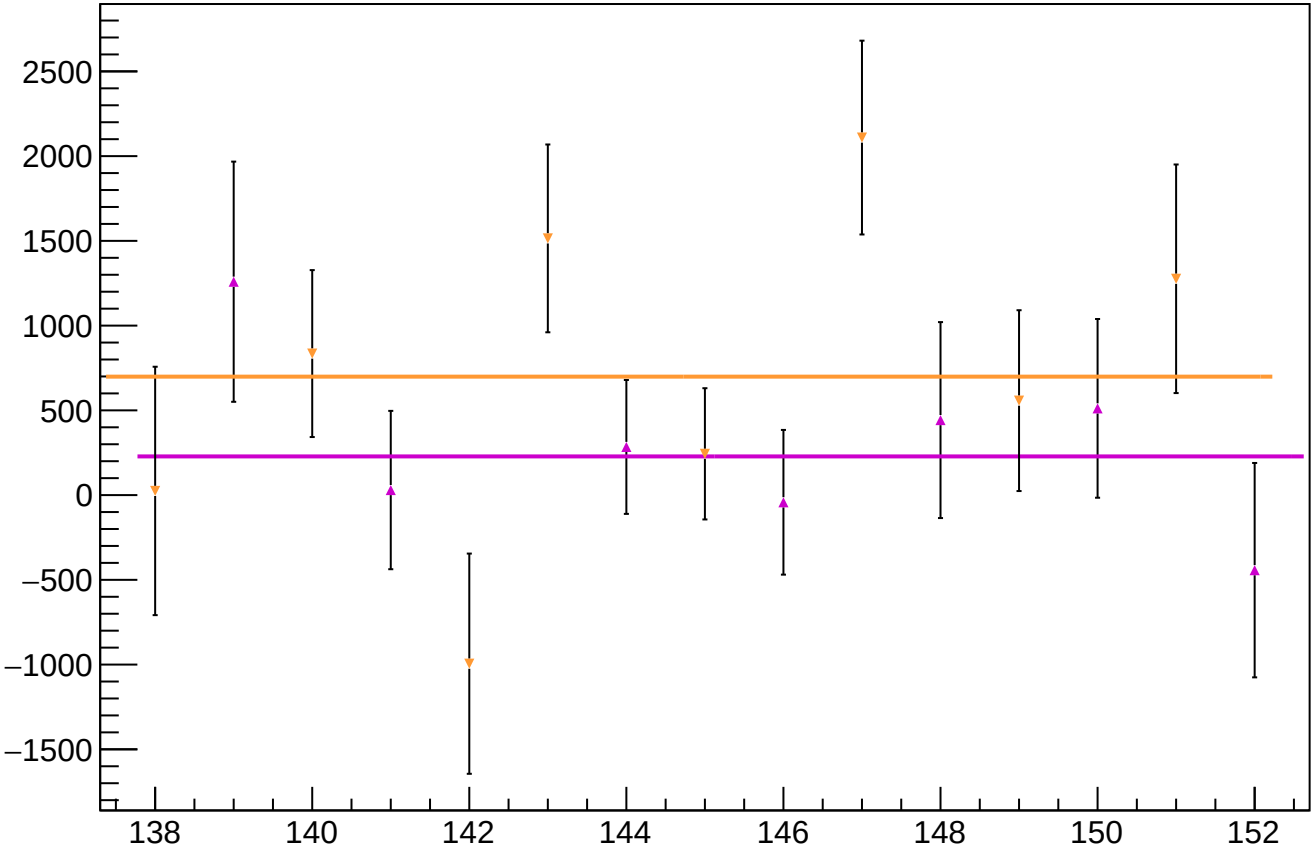
Left In: 61.979+/-0.018 χ^2/NDF:47262.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 62.260+/-0.013 χ^2/NDF: 387266.2/14

- 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: 698.899+/-192.255 χ^2/NDF:18.2/7

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

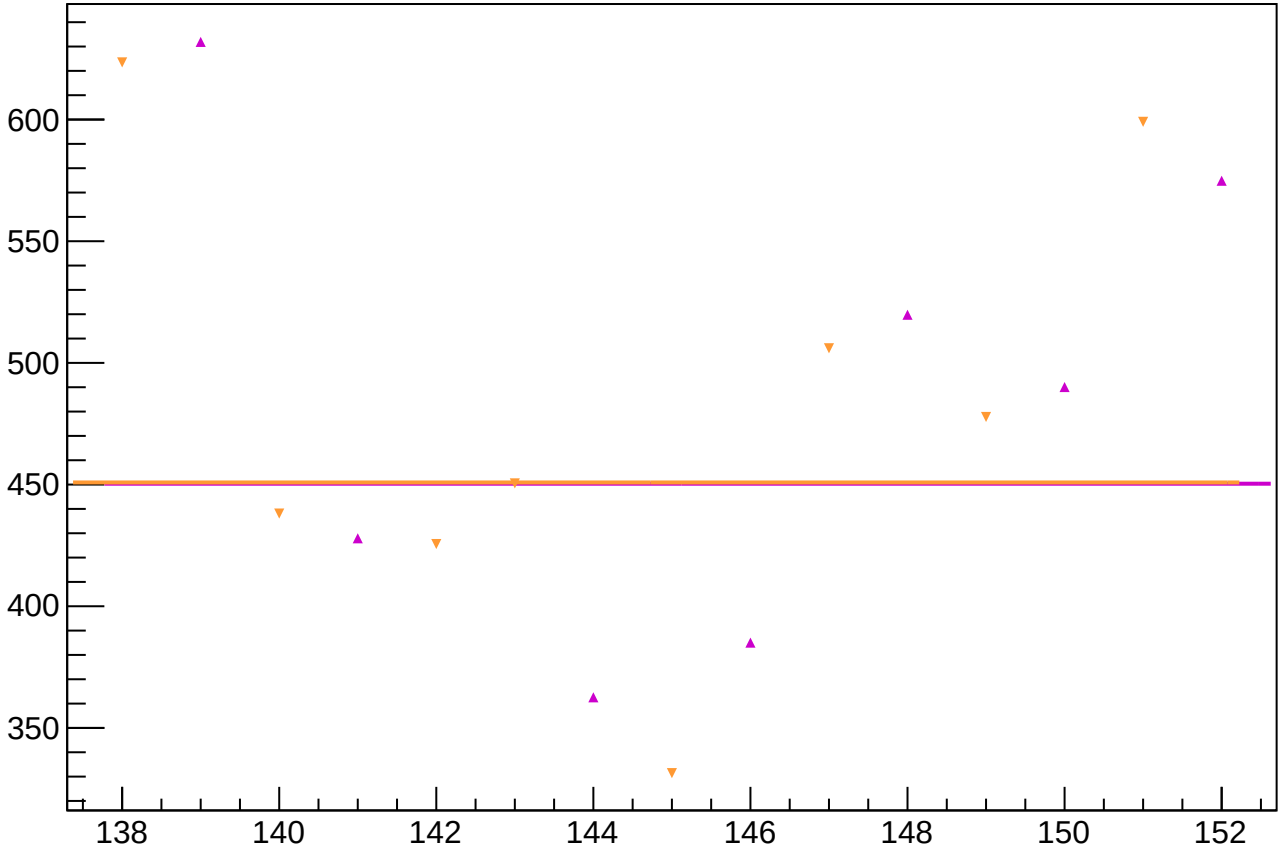
Left In: 228.241+/-190.490 χ^2/NDF:4.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 461.399+/-135.316 χ^2/NDF: 25.5/14

- 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: 450.868+/-0.136 χ^2/NDF:425970.0/7

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

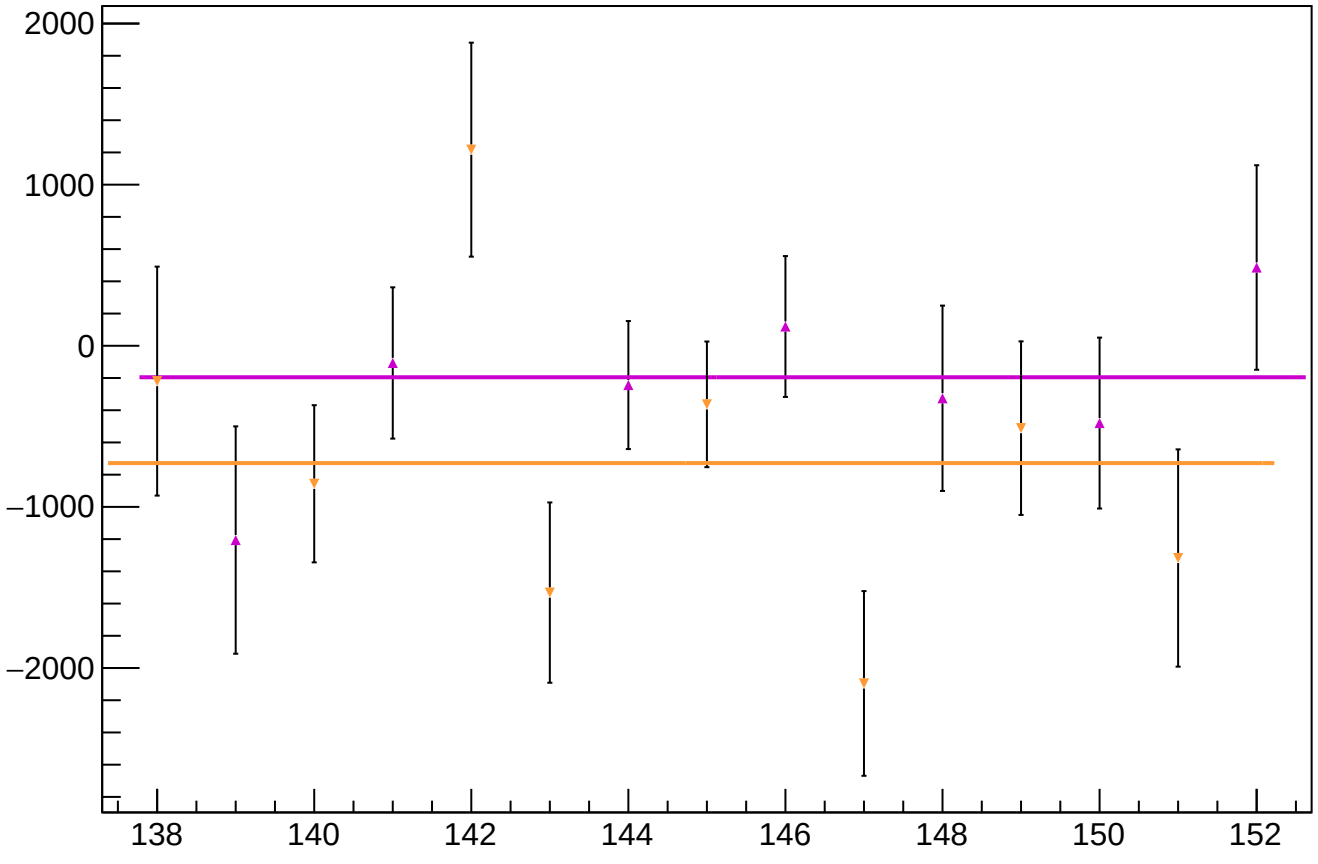
Left In: 450.354+/-0.135 χ^2/NDF:399137.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 450.609+/-0.096 χ^2/NDF: 825115.1/14

- 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: -728.091+/-192.768 χ^2/NDF:18.7/7

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

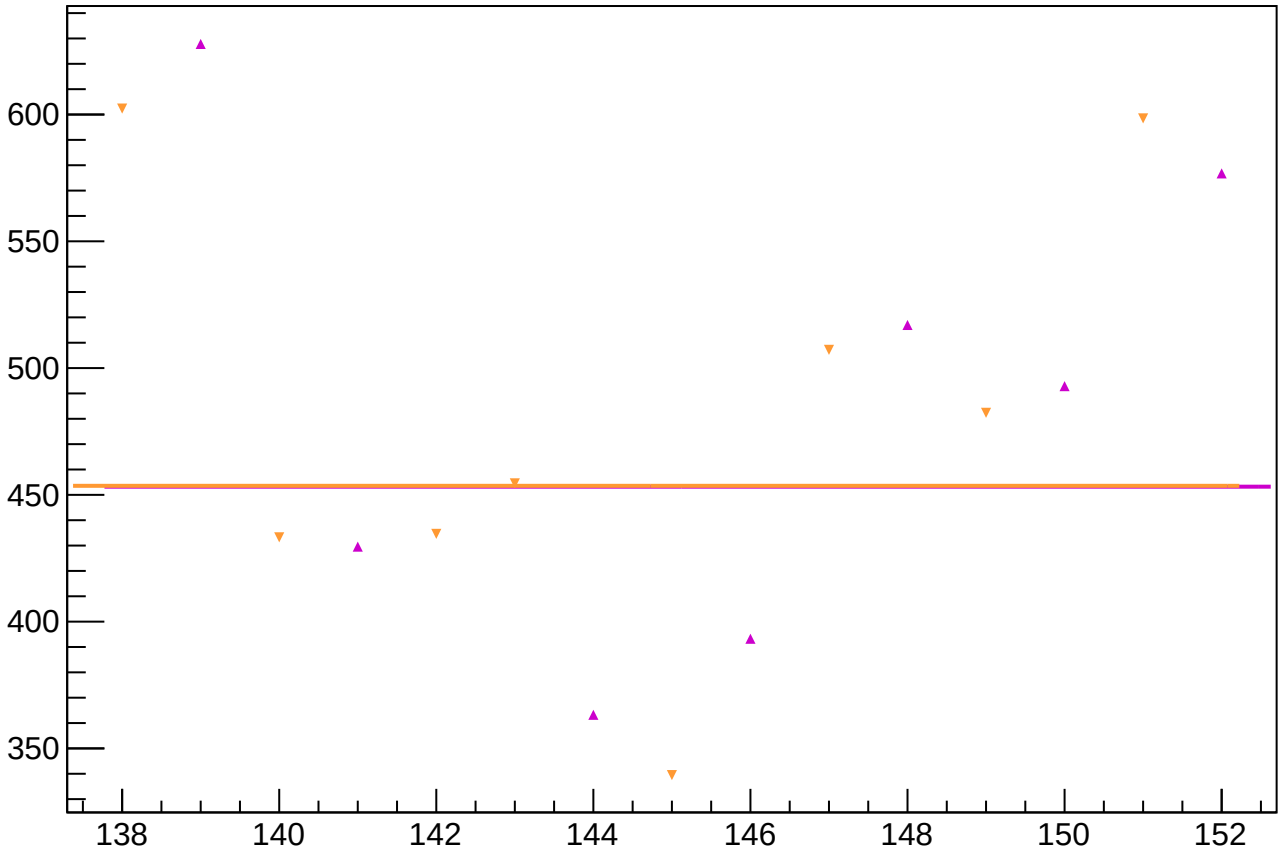
Left In: -195.325+/-191.839 χ^2/NDF:4.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -460.422+/-135.978 χ^2/NDF: 26.7/14

- 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: 453.566+/-0.136 χ^2/NDF:379610.2/7

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

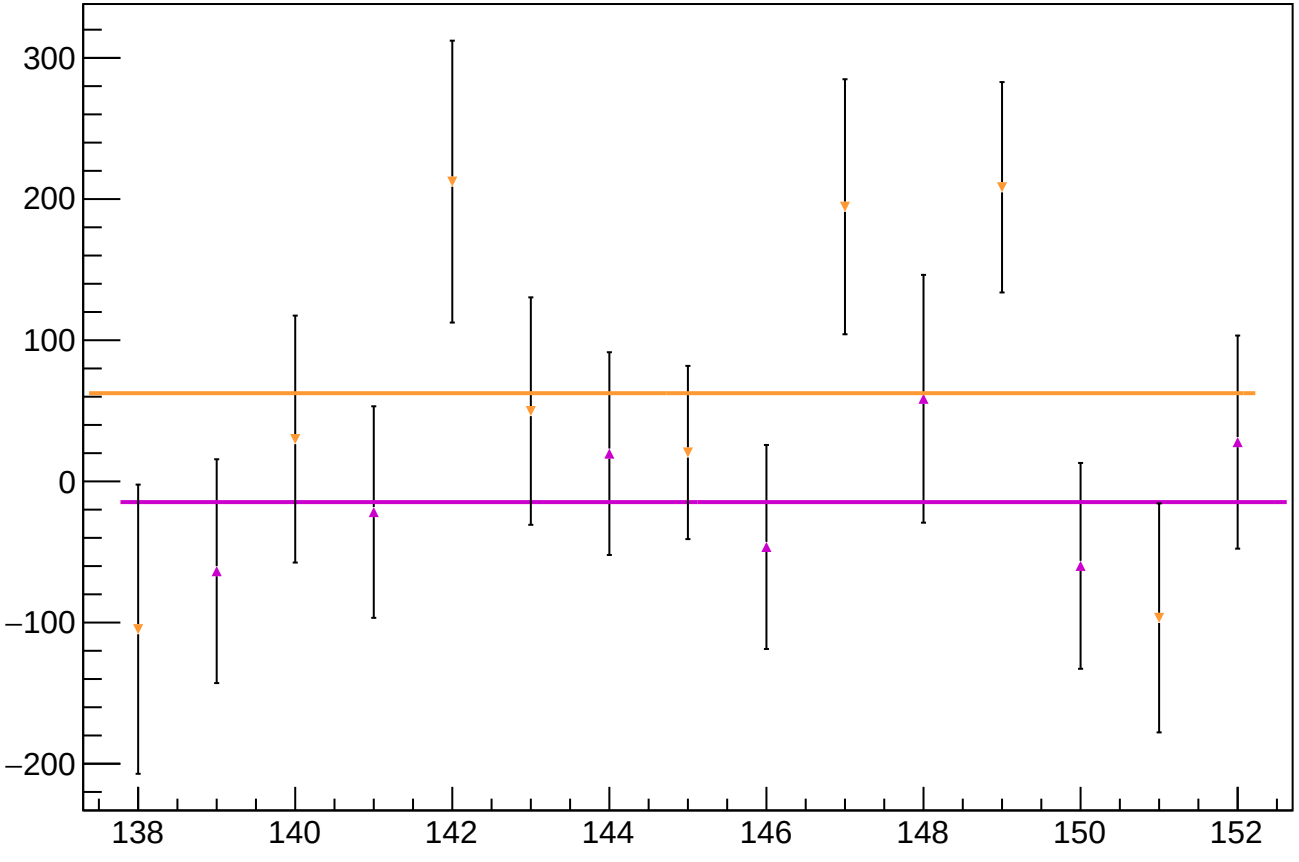
Left In: 453.227+/-0.136 χ^2/NDF:379281.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 453.396+/-0.096 χ^2/NDF: 758894.6/14

- 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: 62.482+/-28.861 χ^2/NDF:15.4/7

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

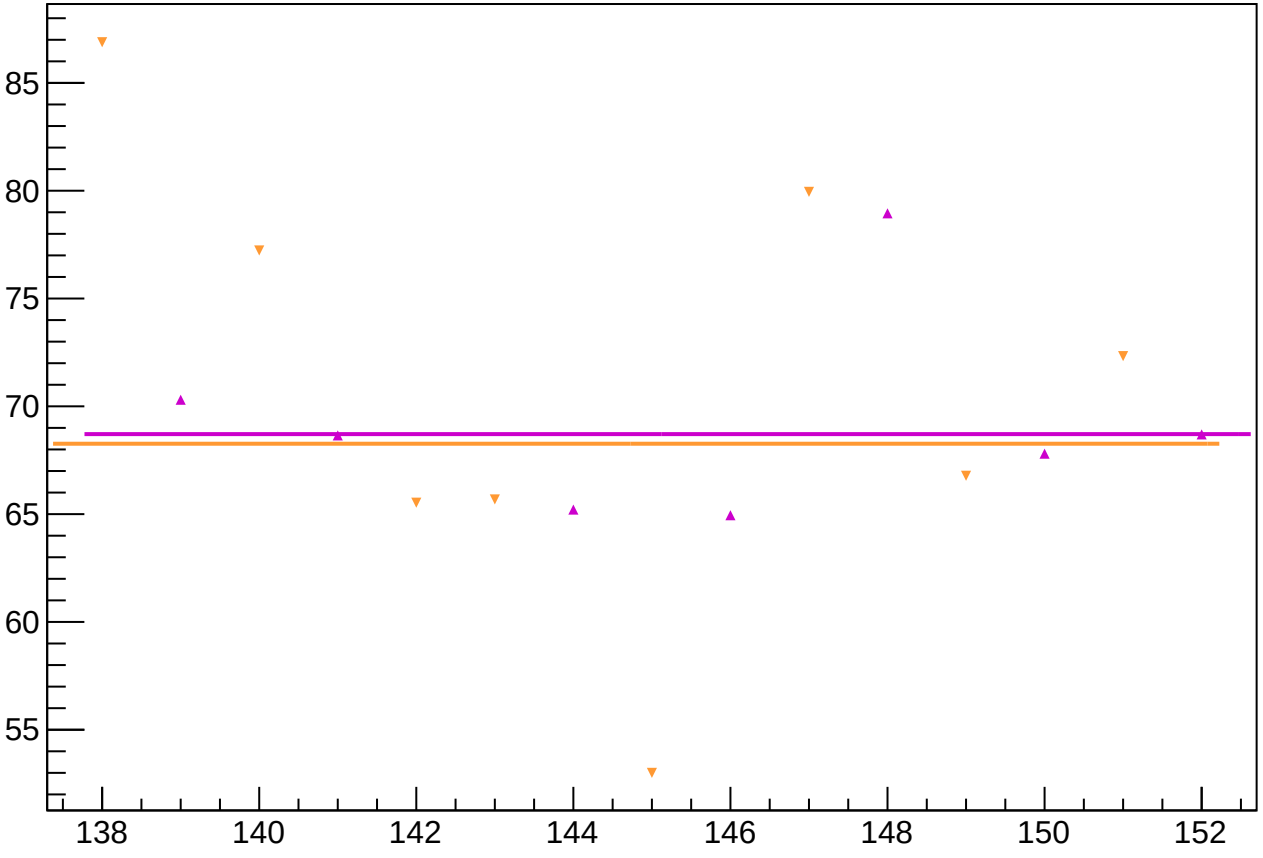
Left In: -14.670+/-28.678 χ^2/NDF:2.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 23.661+/-20.342 χ^2/NDF: 21.2/14

- 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: 68.265+/-0.020 χ^2/NDF:253729.6/7

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

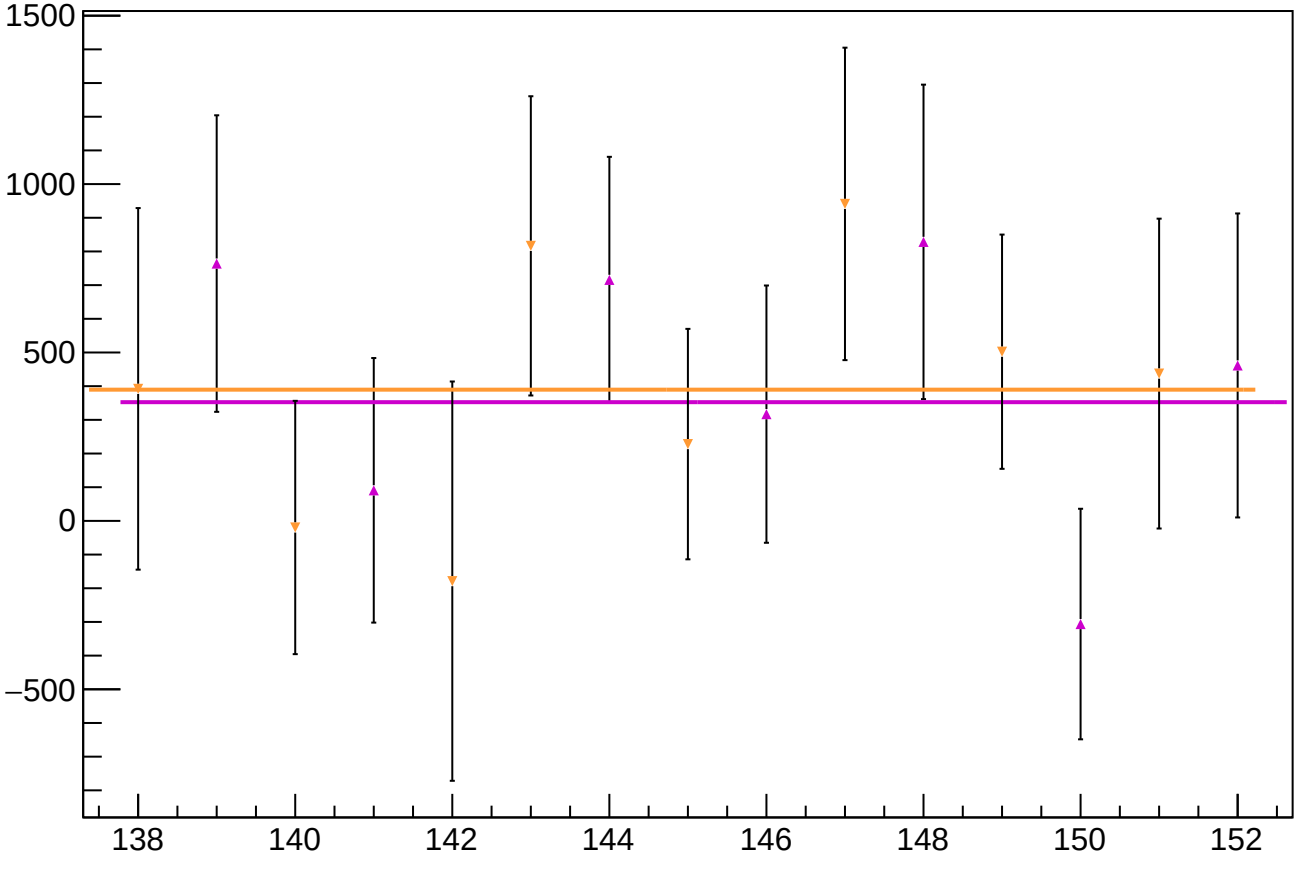
Left In: 68.711+/-0.020 χ^2/NDF:38513.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 68.490+/-0.014 χ^2/NDF: 292483.7/14

- 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: 389.629+/-149.667 χ^2/NDF:4.8/7

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

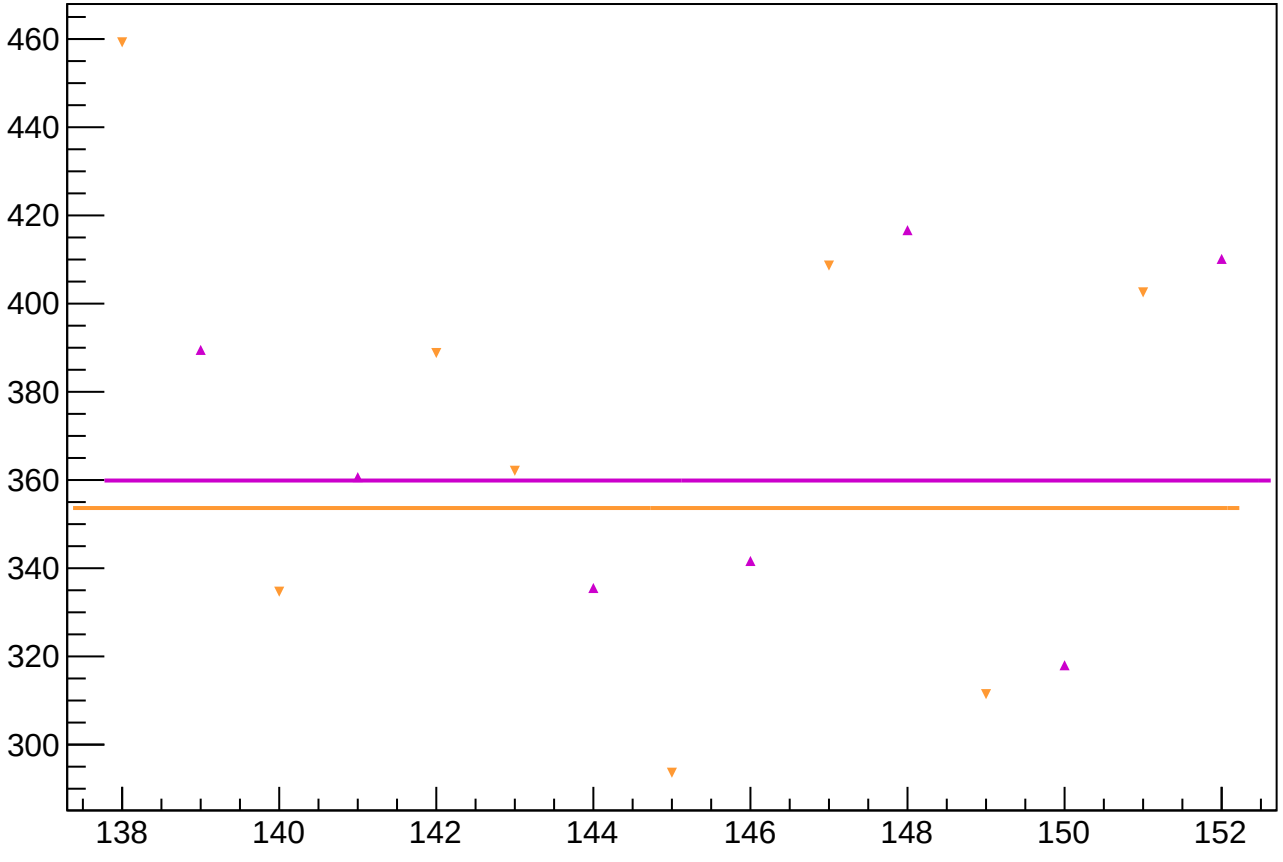
Left In: 352.479+/-150.715 χ^2/NDF:7.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 371.184+/-106.199 χ^2/NDF: 11.9/14

- 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: 353.650+/-0.106 χ^2/NDF:231985.3/7

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

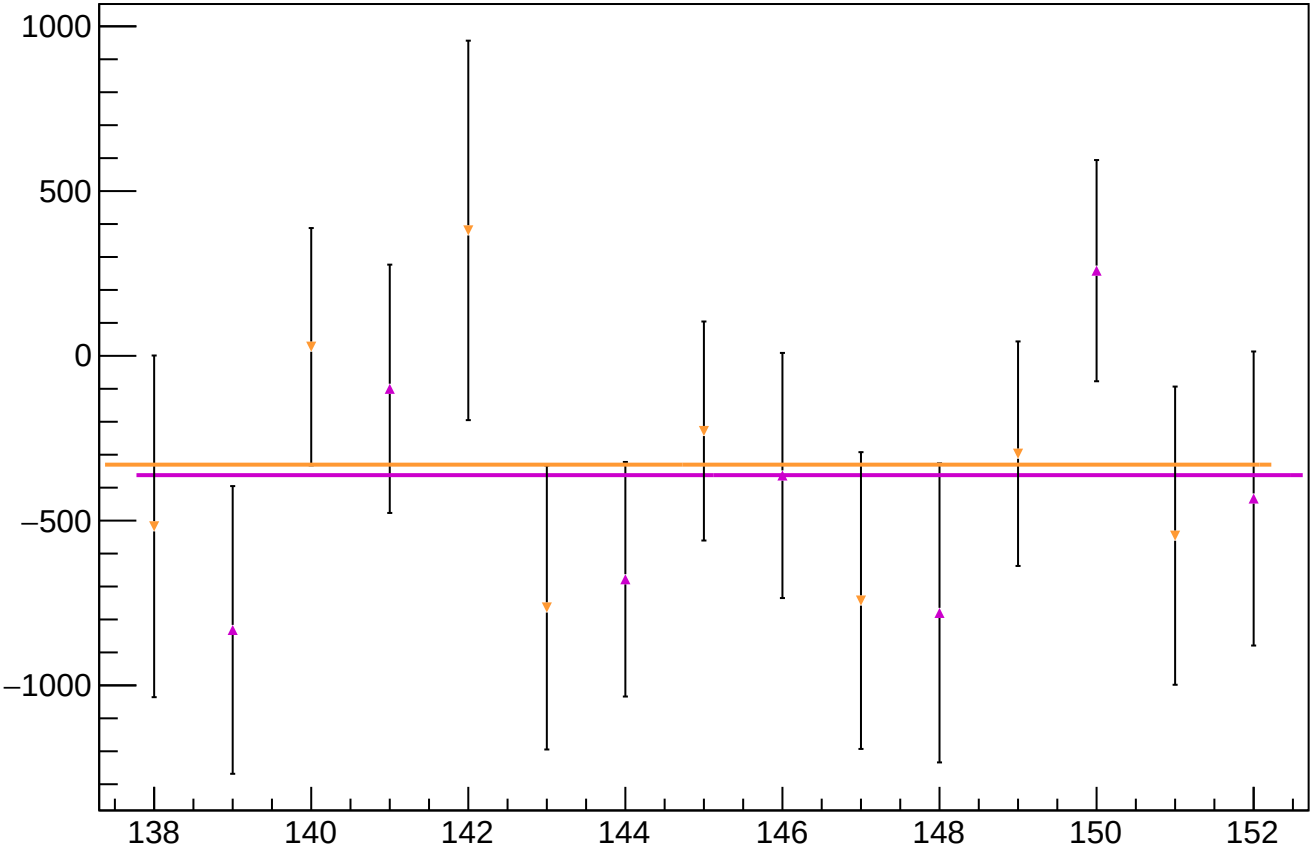
Left In: 359.886+/-0.107 χ^2/NDF:106865.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 356.746+/-0.075 χ^2/NDF: 340574.7/14

- 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: -330.166+/-145.369 χ^2/NDF:4.8/7

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

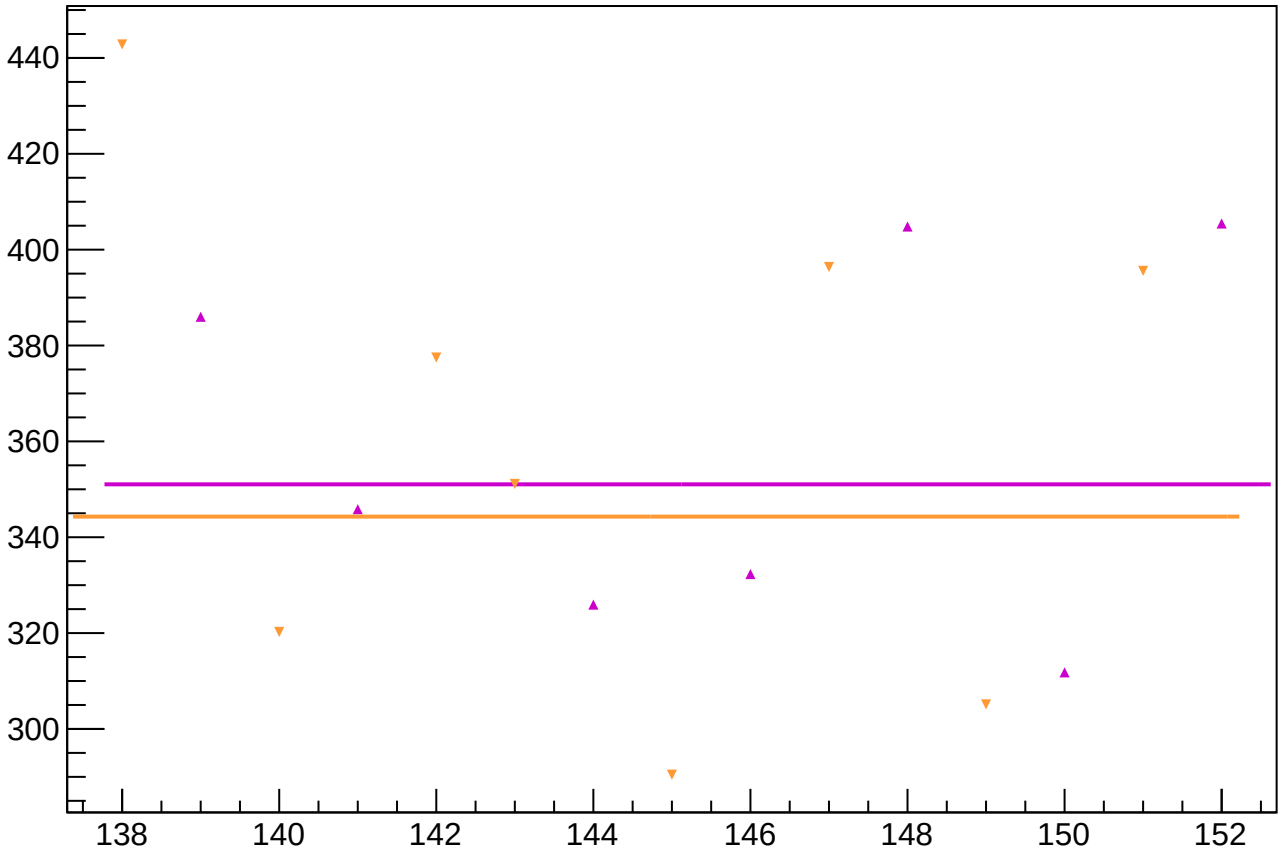
Left In: -362.010+/-147.170 χ^2/NDF:6.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -345.892+/-103.422 χ^2/NDF: 11.6/14

- 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: 344.302+/-0.103 χ^2/NDF:219697.6/7

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

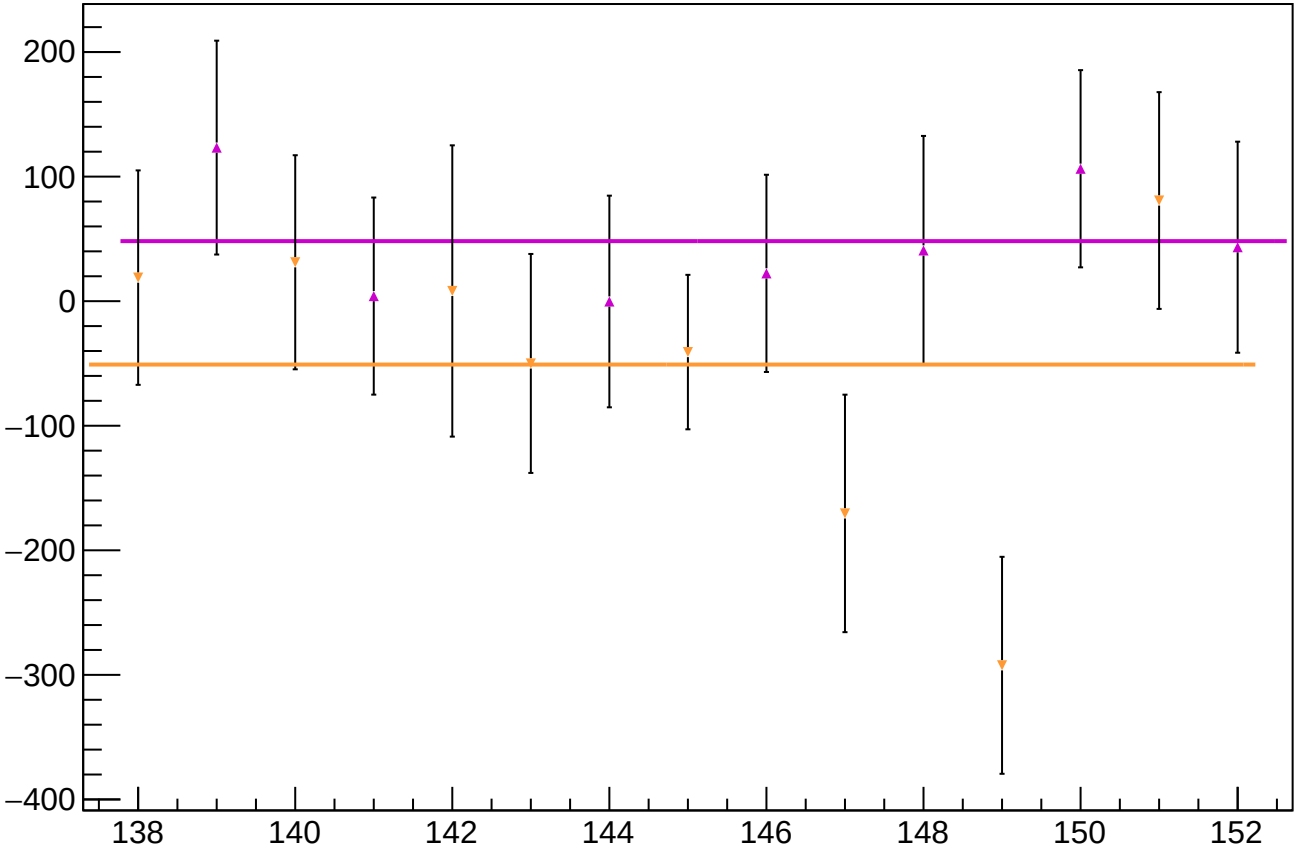
Left In: 351.037+/-0.104 χ^2/NDF:113408.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 347.628+/-0.073 χ^2/NDF: 335226.1/14

- 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: -50.888+/-30.055 χ^2/NDF:13.4/7

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

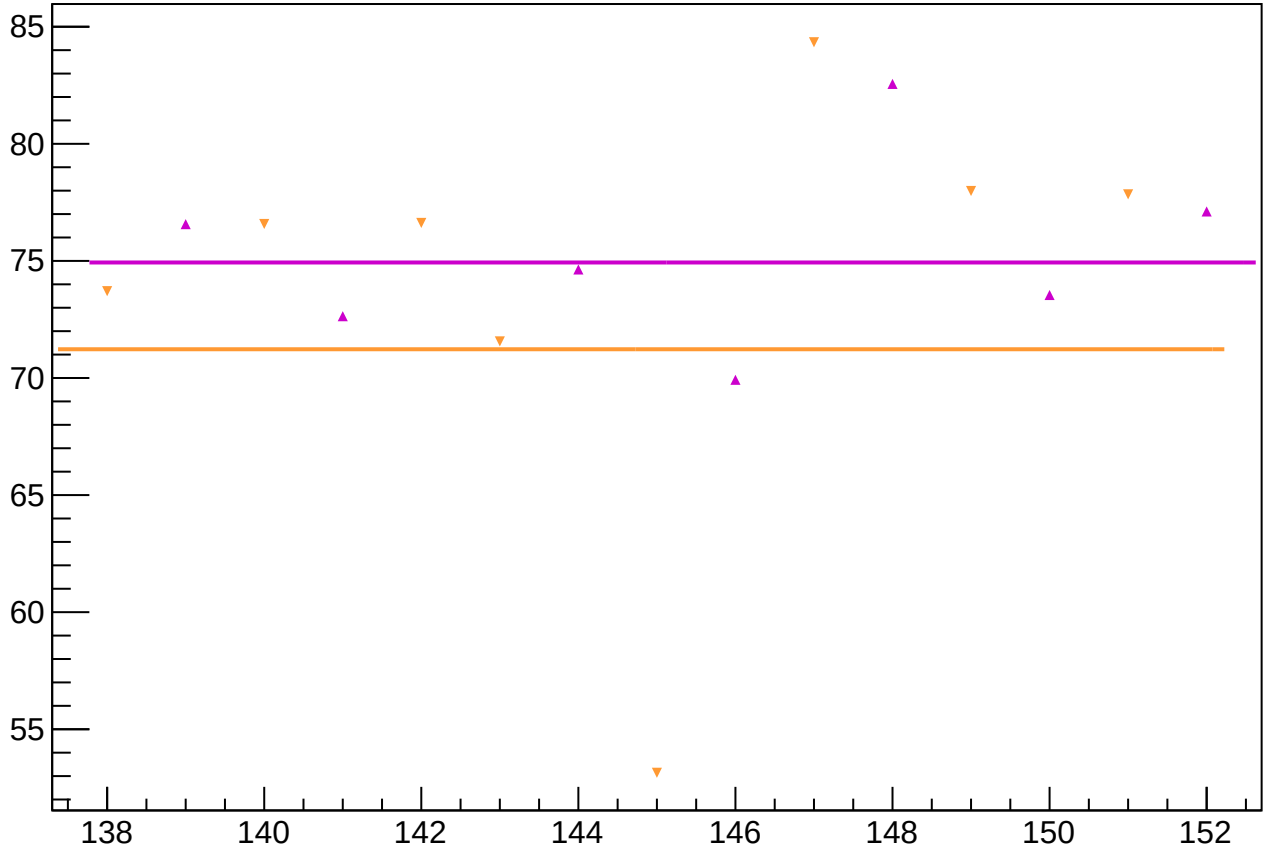
Left In: 48.210+/-31.452 χ^2/NDF:2.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.589+/-21.729 χ^2/NDF: 20.6/14

- 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: 71.228+/-0.021 χ^2/NDF:245309.5/7

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

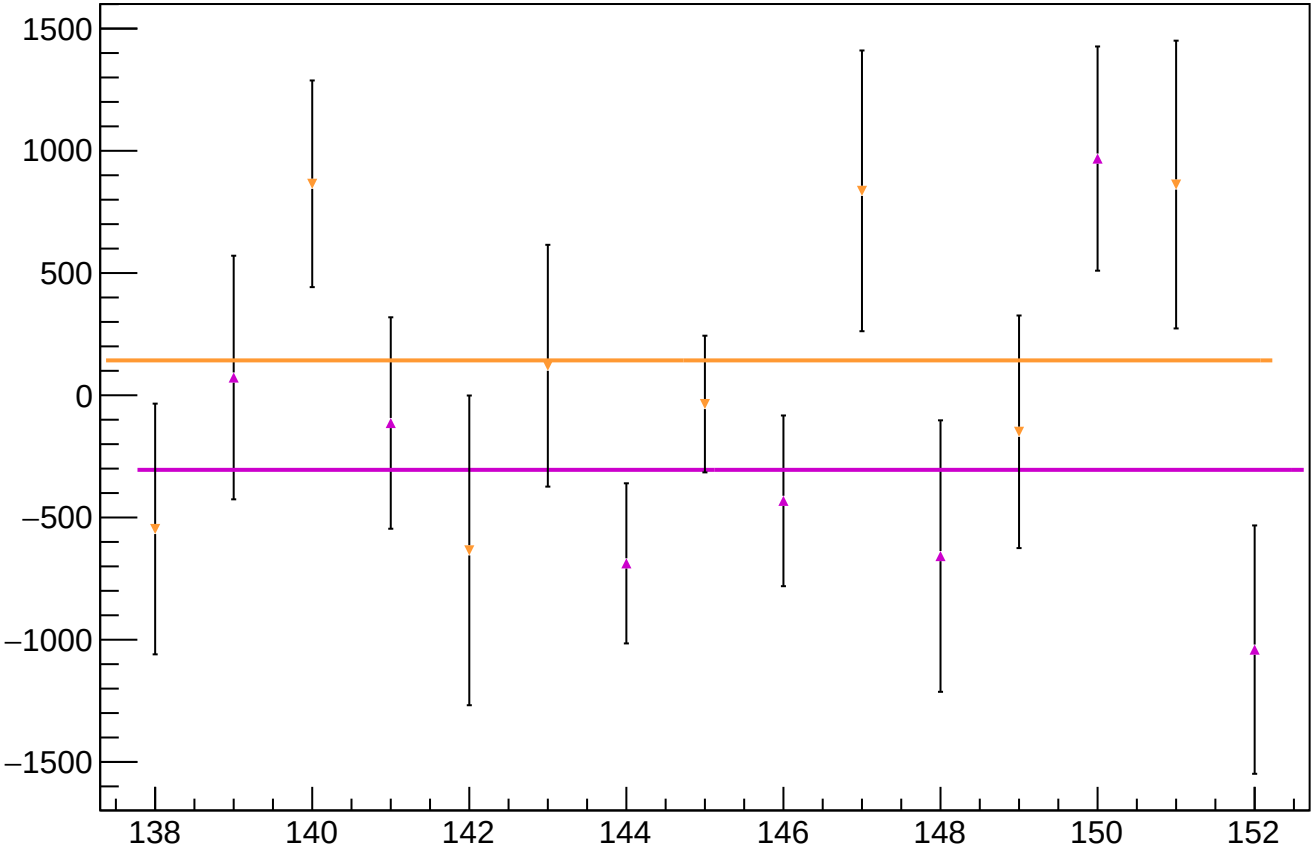
Left In: 74.933+/-0.022 χ^2/NDF:26148.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 72.996+/-0.015 χ^2/NDF: 285965.9/14

- 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: 142.647+/-159.893 χ^2/NDF:10.0/7

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

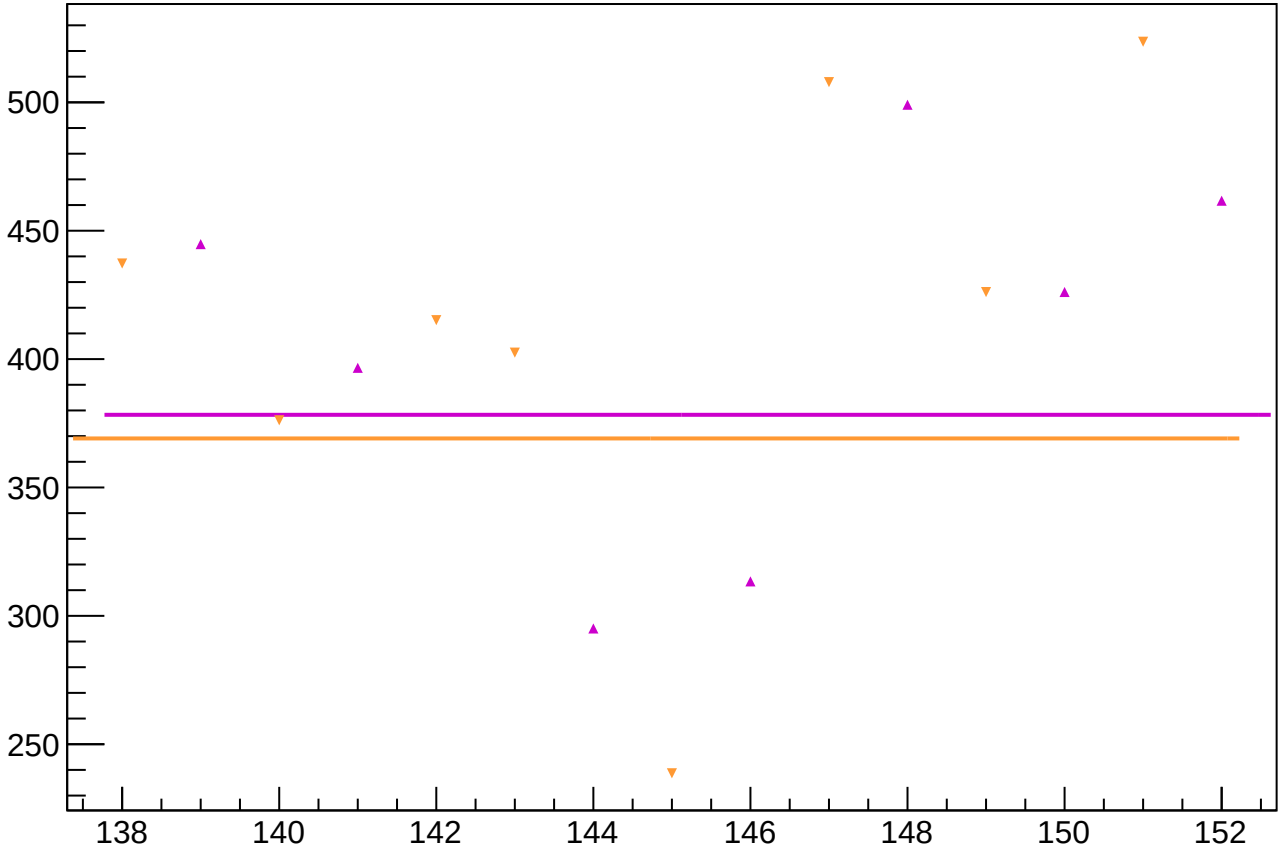
Left In: -305.085+/-160.600 χ^2/NDF:12.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -80.231+/-113.311 χ^2/NDF: 26.4/14

- 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: 369.097+/-0.113 χ^2/NDF:774247.2/7

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

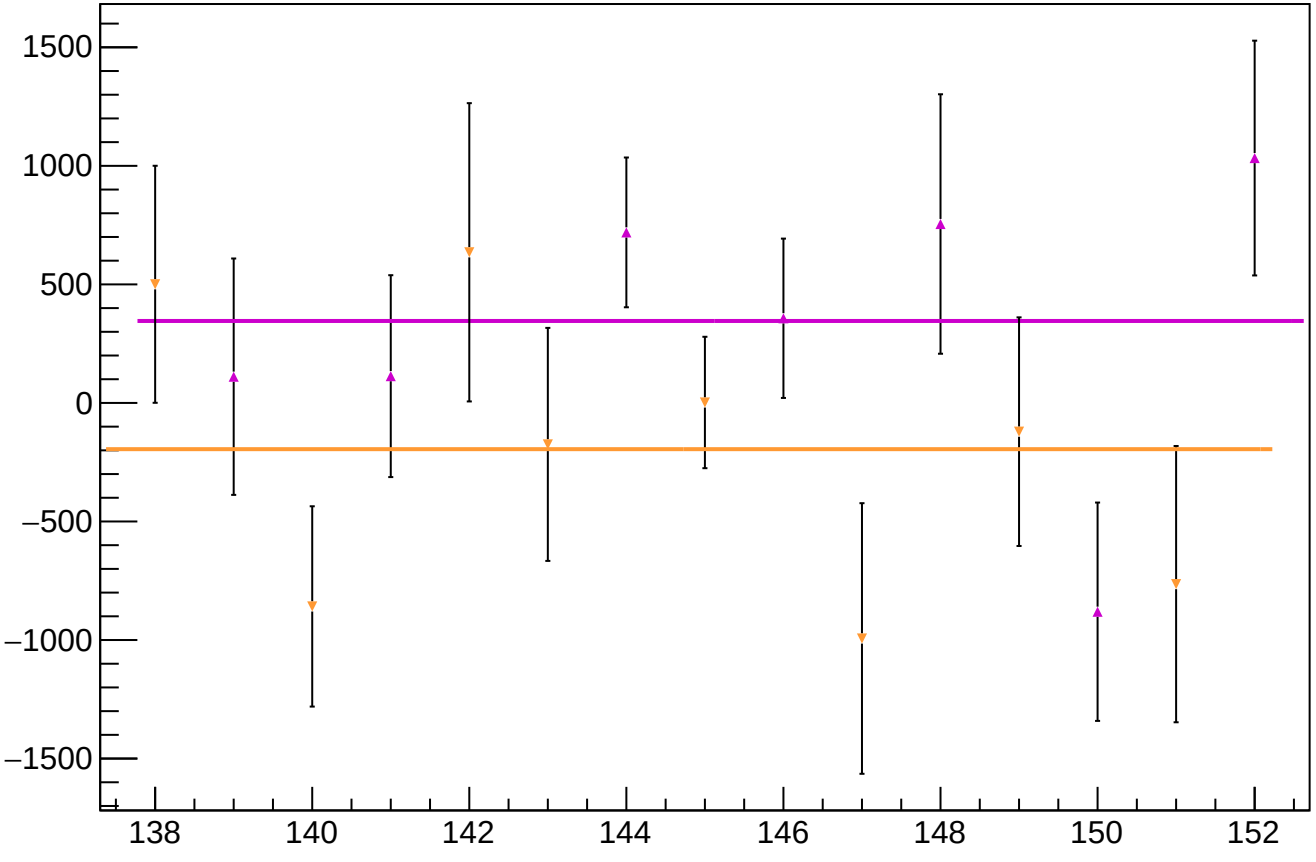
Left In: 378.303+/-0.114 χ^2/NDF:407606.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 373.680+/-0.080 χ^2/NDF: 1185153.9/14

- 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: -194.980+/-158.887 χ^2/NDF:9.6/7

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

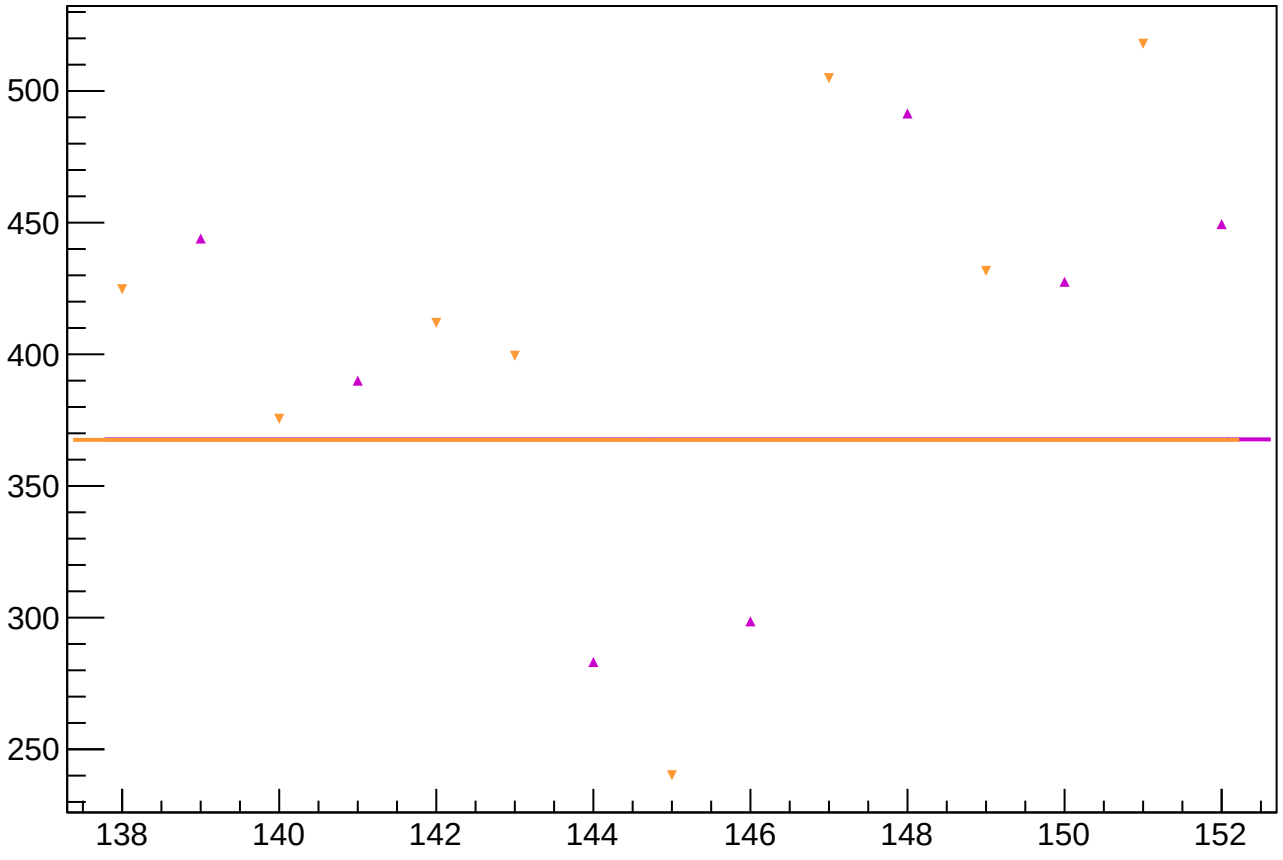
Left In: 345.726+/-157.031 χ^2/NDF:11.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 78.550+/-111.688 χ^2/NDF: 26.9/14

- 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: 367.517+/-0.112 χ^2/NDF:752484.0/7

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

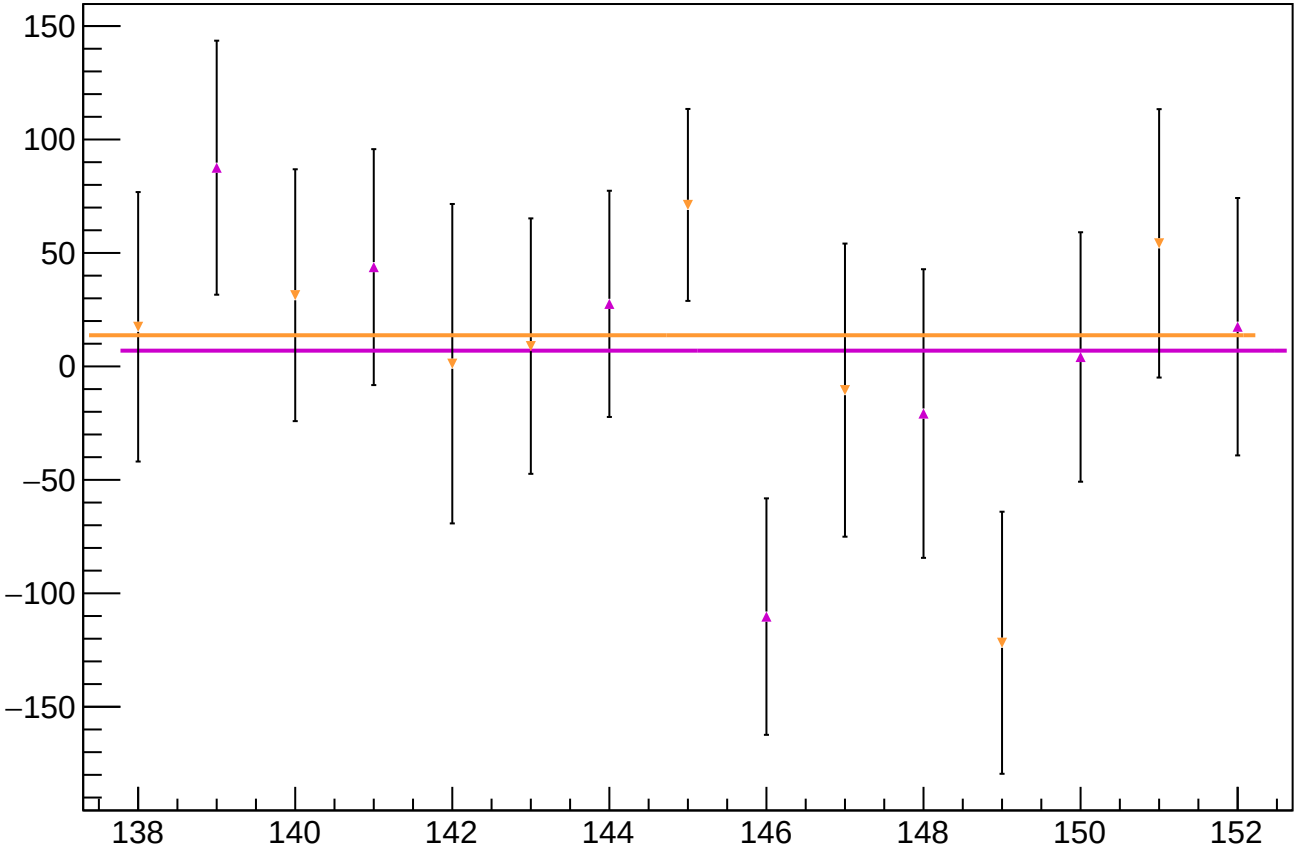
Left In: 367.699+/-0.111 χ^2/NDF:470851.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 367.609+/-0.079 χ^2/NDF: 1223336.6/14

- 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: 13.732+/-19.959 χ^2/NDF:8.1/7

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

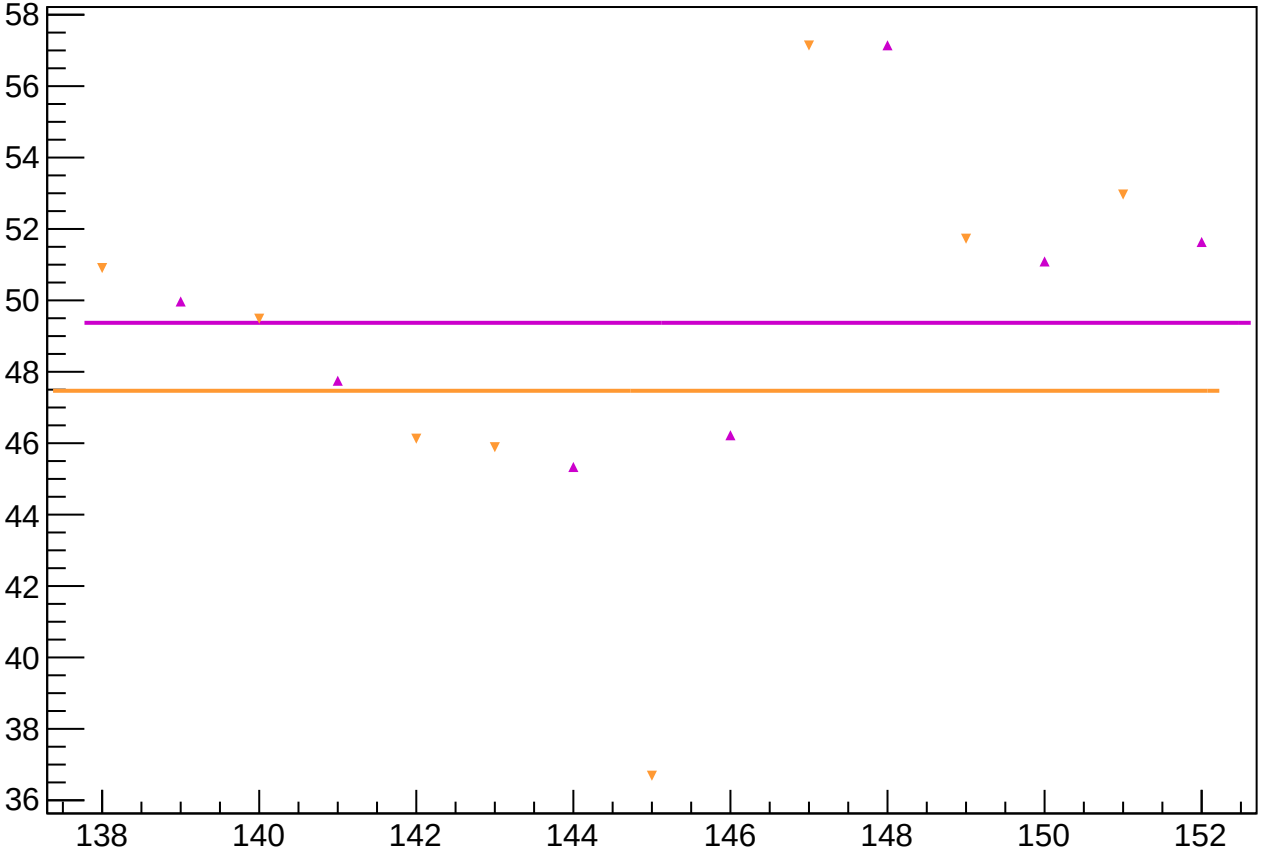
Left In: 6.944+/-20.633 χ^2/NDF:8.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.451+/-14.346 χ^2/NDF: 16.2/14

- 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: 47.468+/-0.014 χ^2/NDF:214577.1/7

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

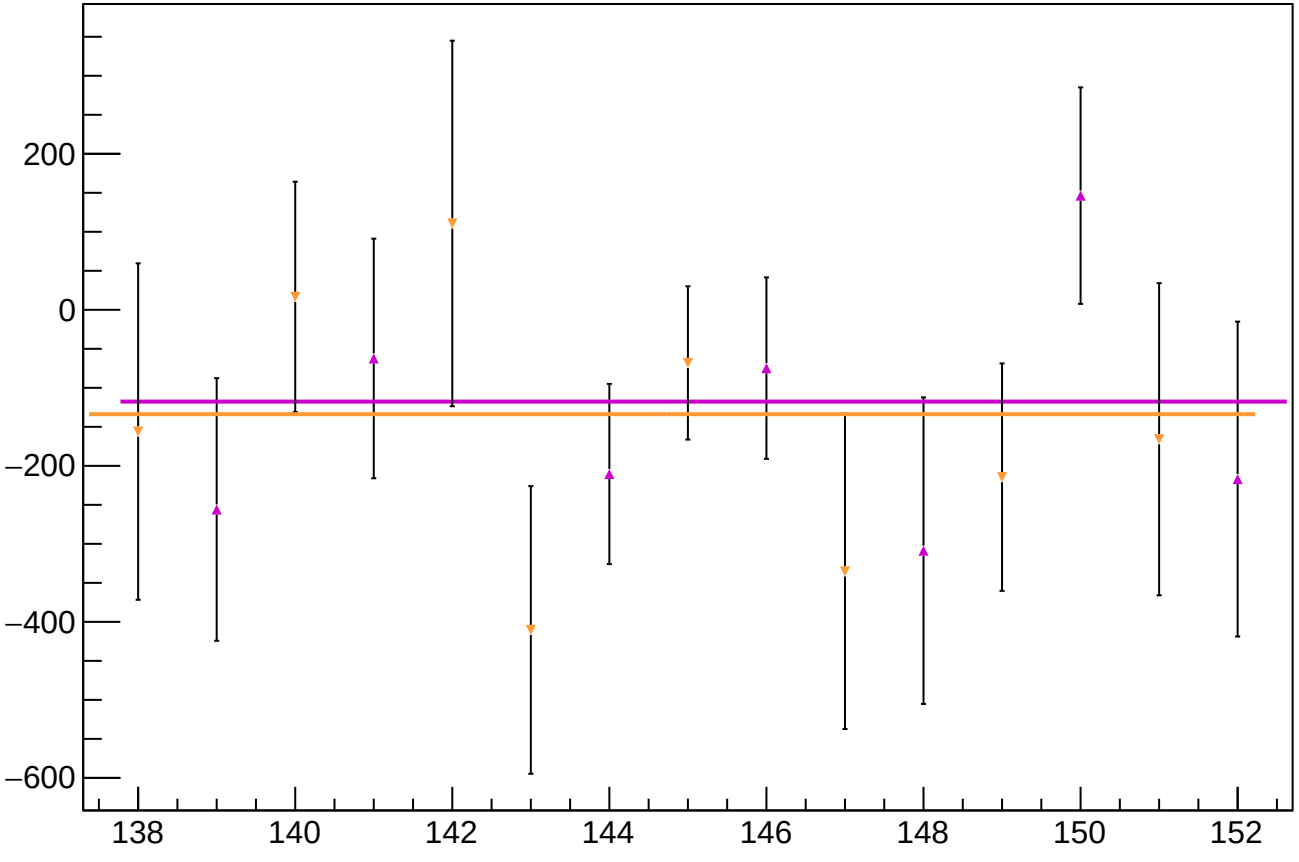
Left In: 49.372+/-0.015 χ^2/NDF:57611.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 48.388+/-0.010 χ^2/NDF: 280982.2/14

- 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: -133.754+/-56.333 χ^2/NDF:6.2/7

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

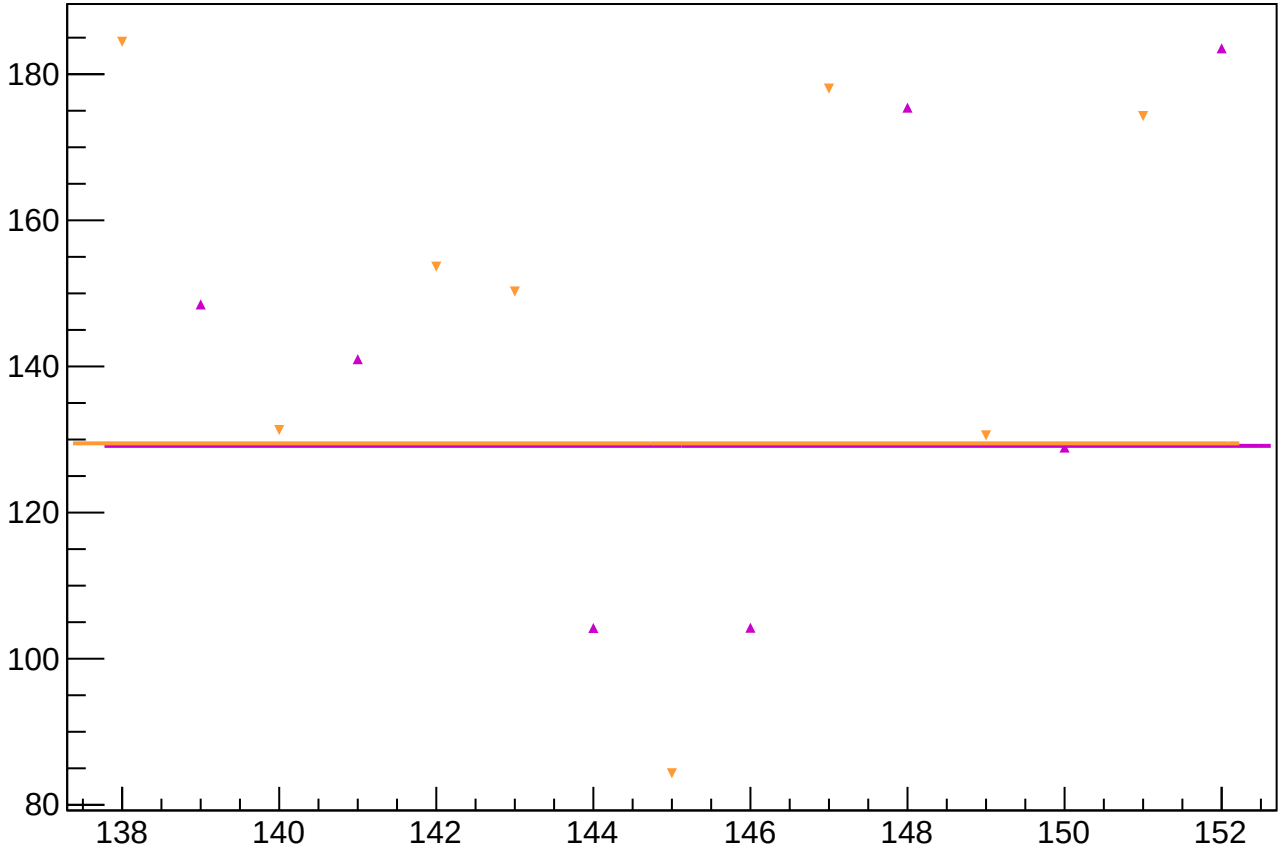
Left In: -117.648+/-55.135 χ^2/NDF:6.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -125.527+/-39.403 χ^2/NDF: 12.6/14

- 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: 129.475+/-0.040 χ^2/NDF:815221.4/7

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

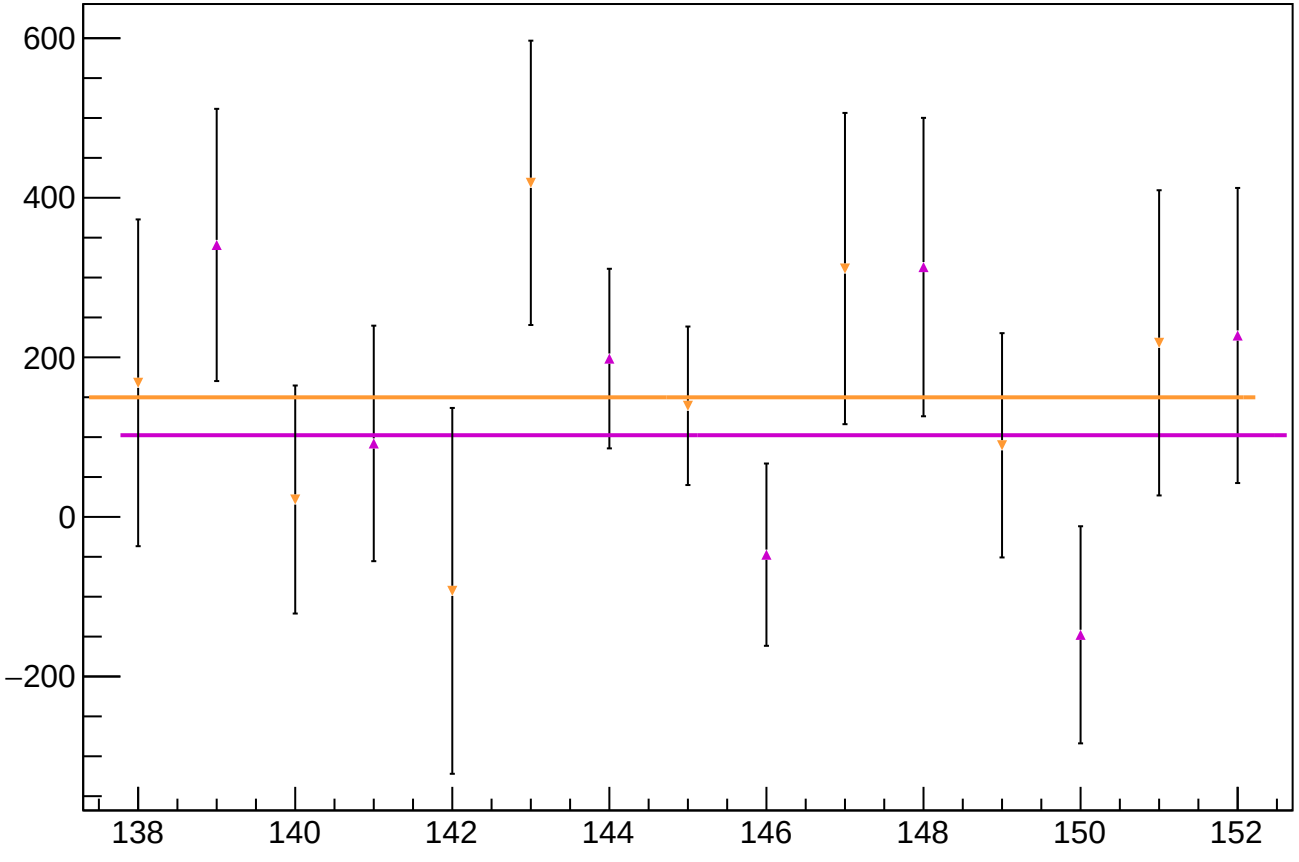
Left In: 129.134+/-0.039 χ^2/NDF:479458.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 129.301+/-0.028 χ^2/NDF: 1294717.5/14

- 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: 149.903+/-55.137 χ^2/NDF:5.2/7

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

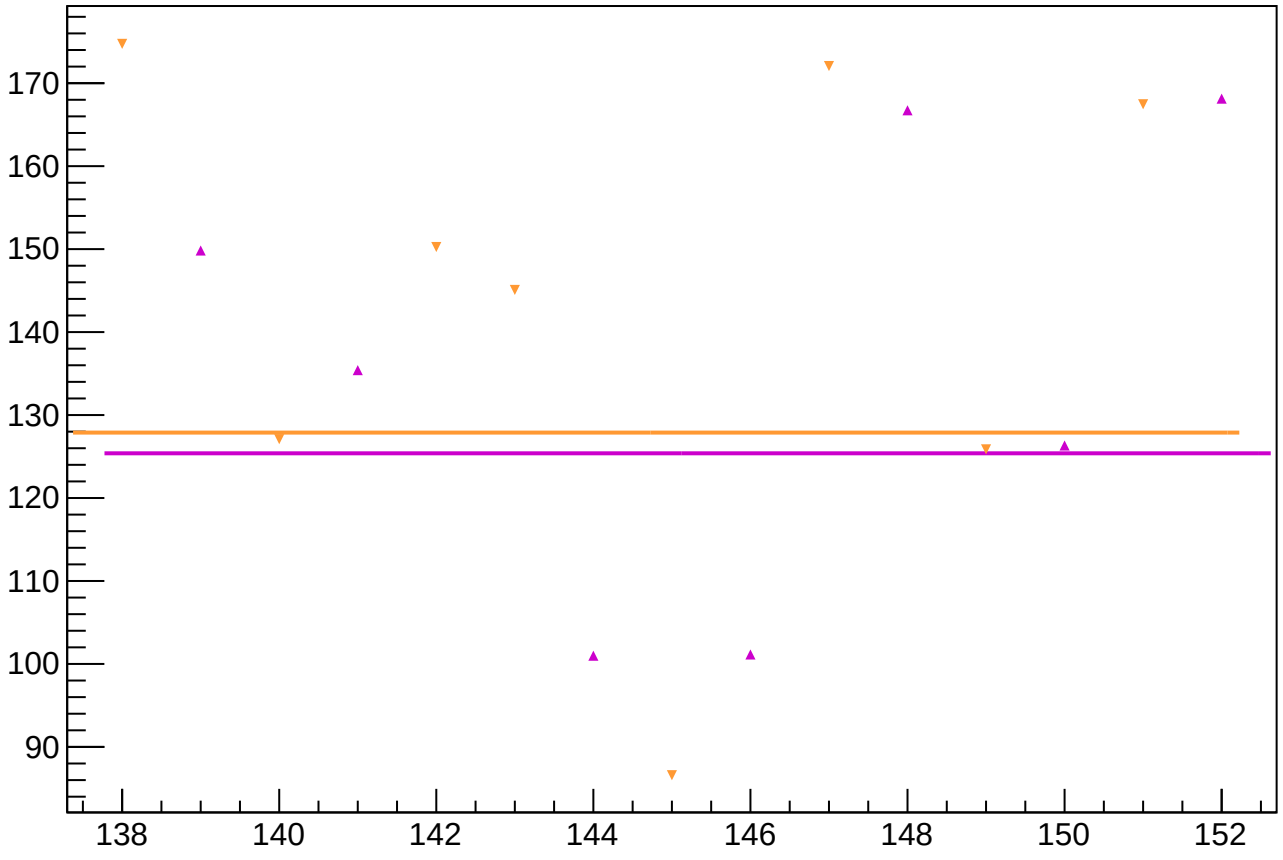
Left In: 102.402+/-53.631 χ^2/NDF:9.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 125.495+/-38.444 χ^2/NDF: 15.1/14

- 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: 127.886+/-0.039 χ^2/NDF:676815.0/7

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

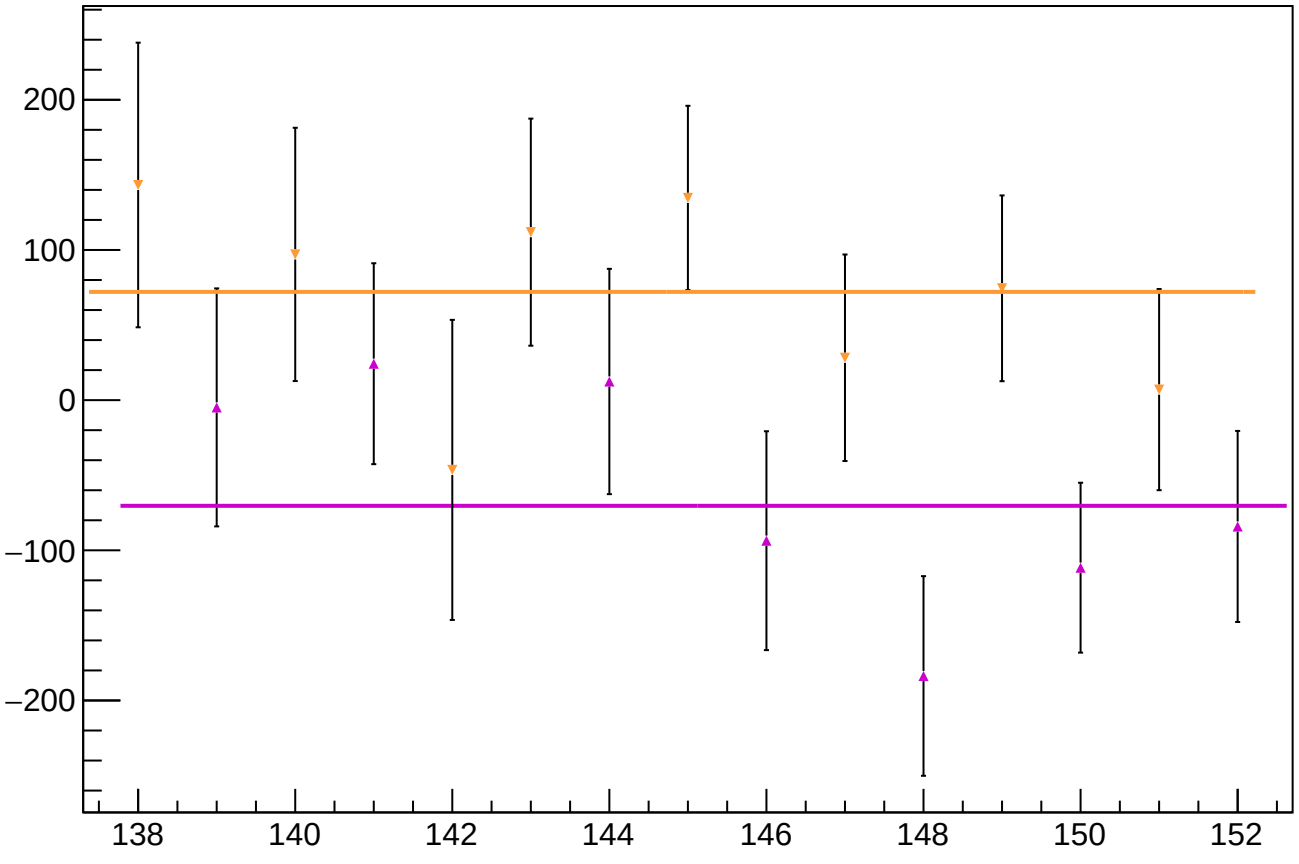
Left In: 125.389+/-0.038 χ^2/NDF:439072.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 126.603+/-0.027 χ^2/NDF: 1117995.8/14

- 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: 72.089+/-25.917 χ^2/NDF:4.7/7

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

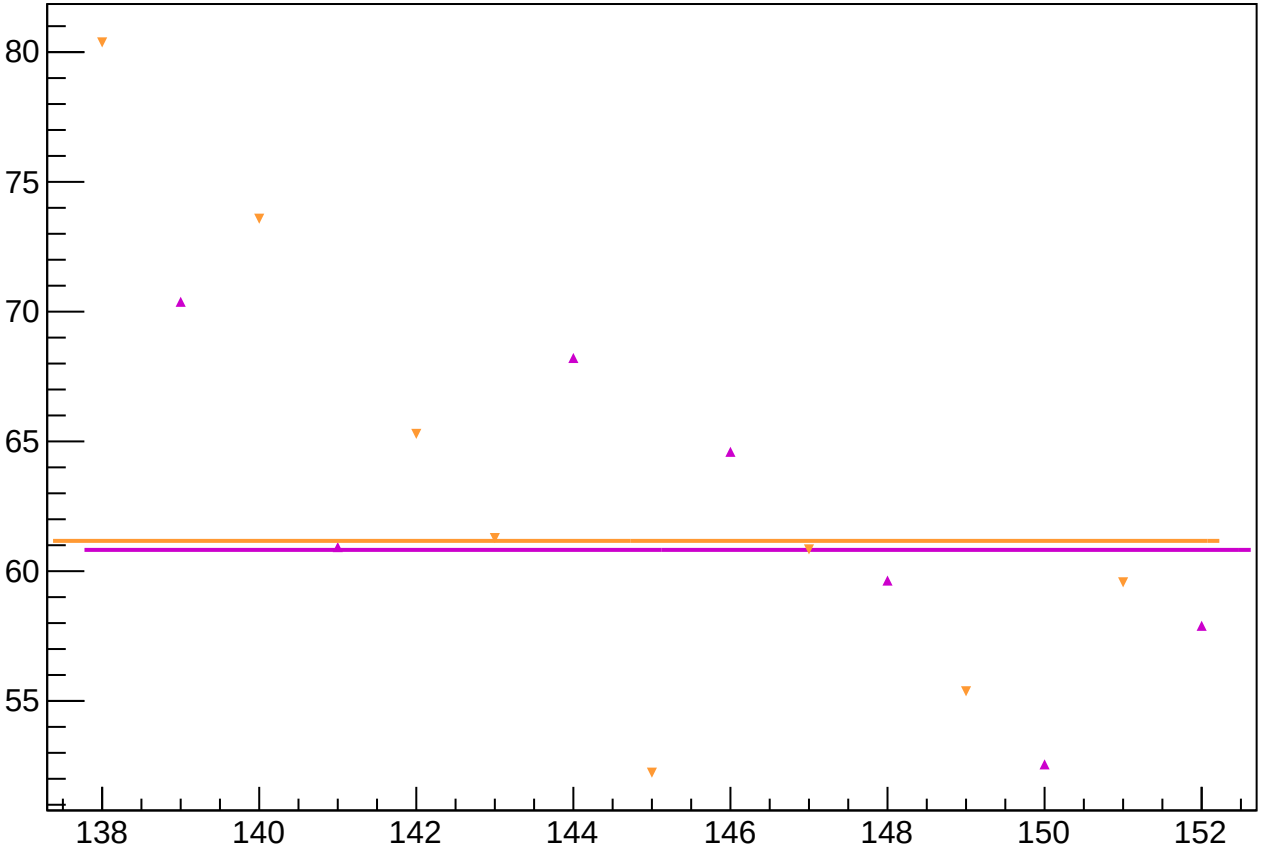
Left In: -70.366+/-25.526 χ^2/NDF:7.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.219+/-18.186 χ^2/NDF: 27.6/14

- 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: 61.167+/-0.018 χ^2/NDF:190068.3/7

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

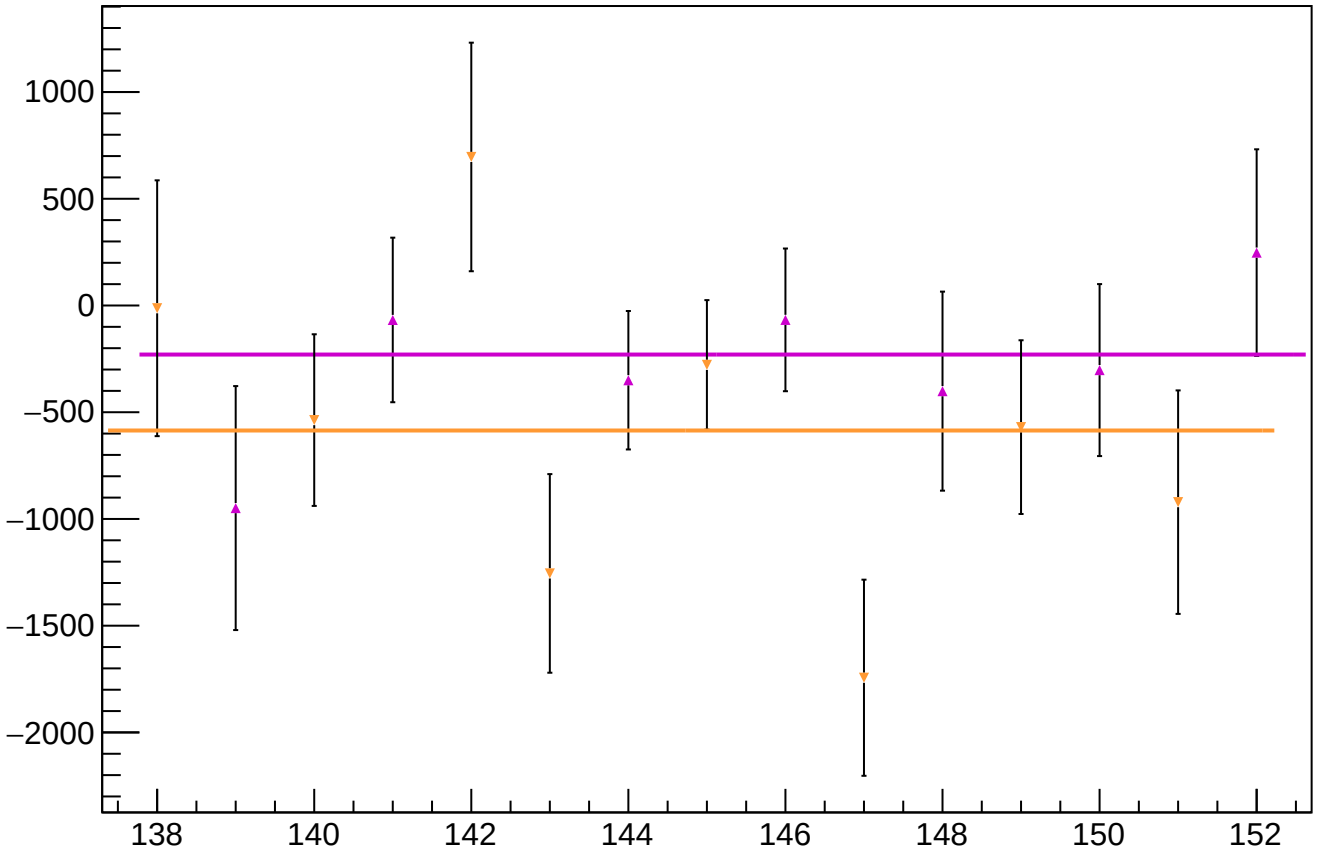
Left In: 60.820+/-0.018 χ^2/NDF:101480.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 60.991+/-0.013 χ^2/NDF: 291730.7/14

- 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: -585.604+/-153.613 χ^2/NDF:16.5/7

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

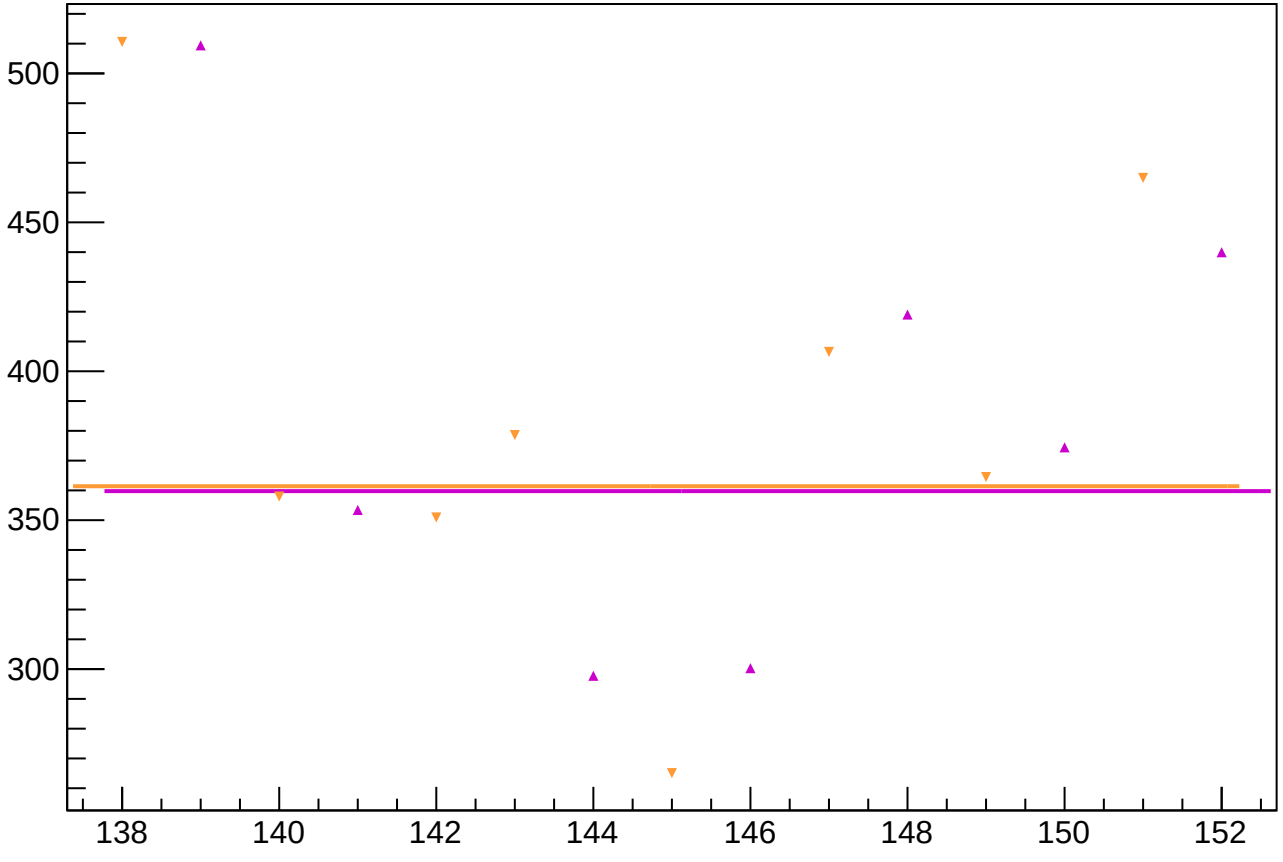
Left In: -229.793+/-152.003 χ^2/NDF:3.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -405.823+/-108.047 χ^2/NDF: 22.5/14

- 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: 361.393+/-0.109 χ^2/NDF:426993.6/7

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

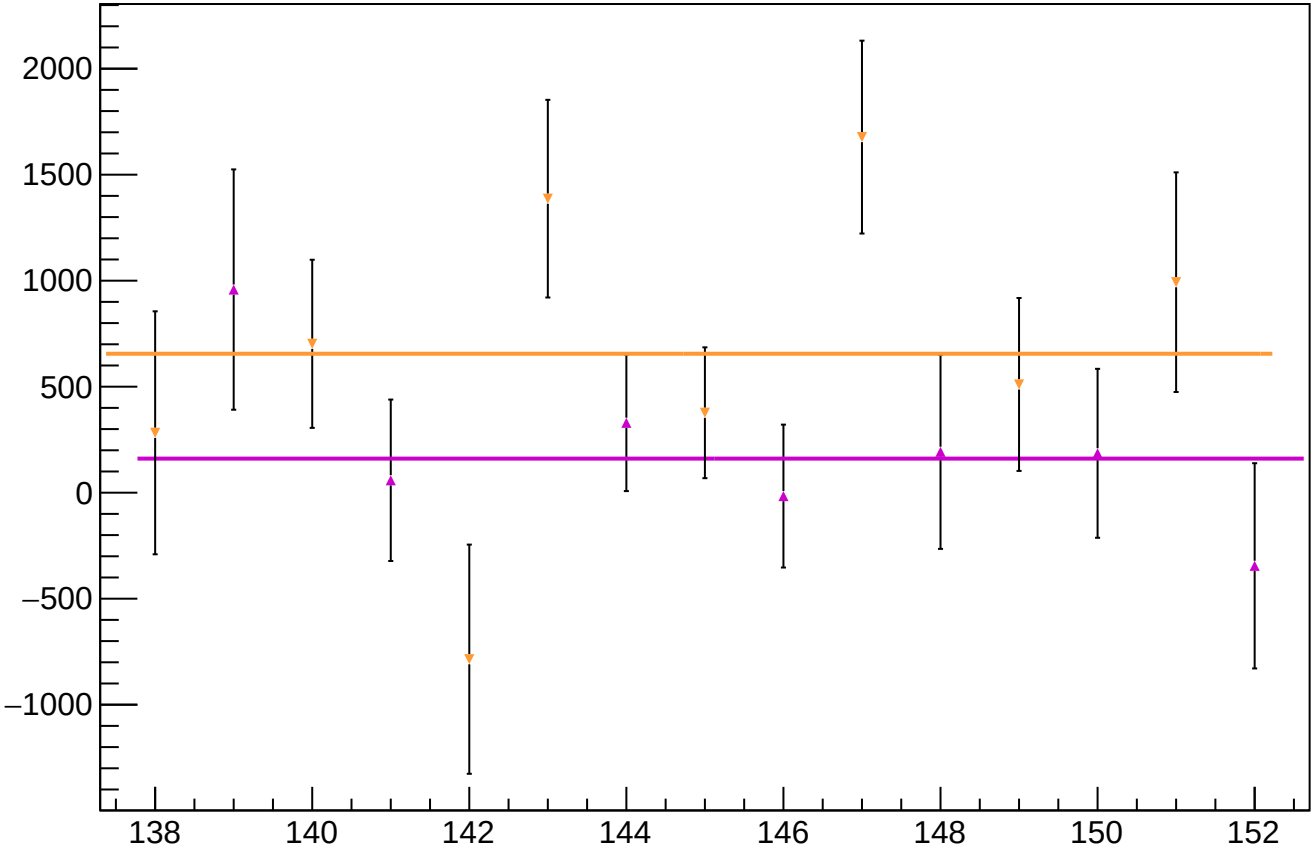
Left In: 359.757+/-0.107 χ^2/NDF:363989.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 360.566+/-0.076 χ^2/NDF: 791097.2/14

- 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: 655.387+/-153.386 χ^2/NDF:16.4/7

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

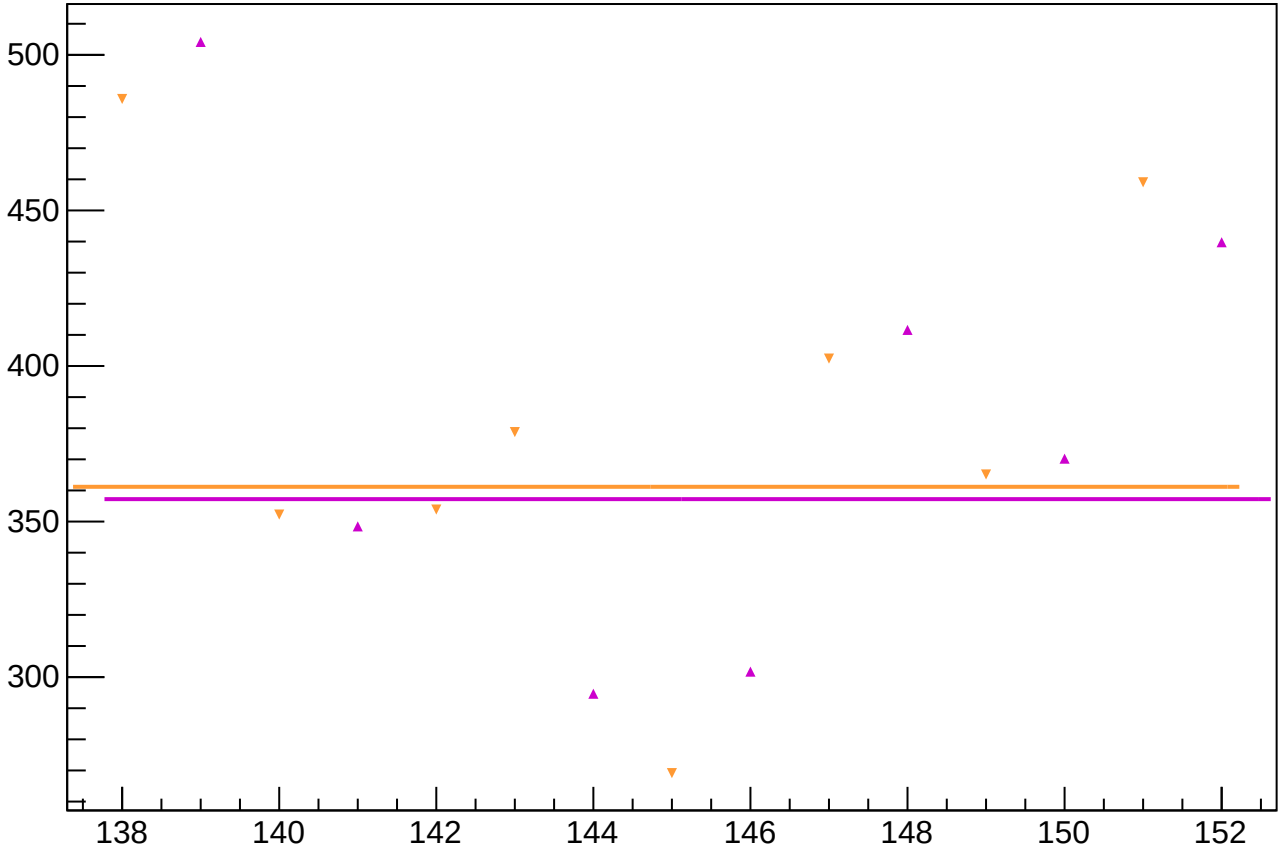
Left In: 160.765+/-151.131 χ^2/NDF:3.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 404.413+/-107.654 χ^2/NDF: 25.4/14

- 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: 361.174+/-0.108 χ^2/NDF:364741.1/7

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

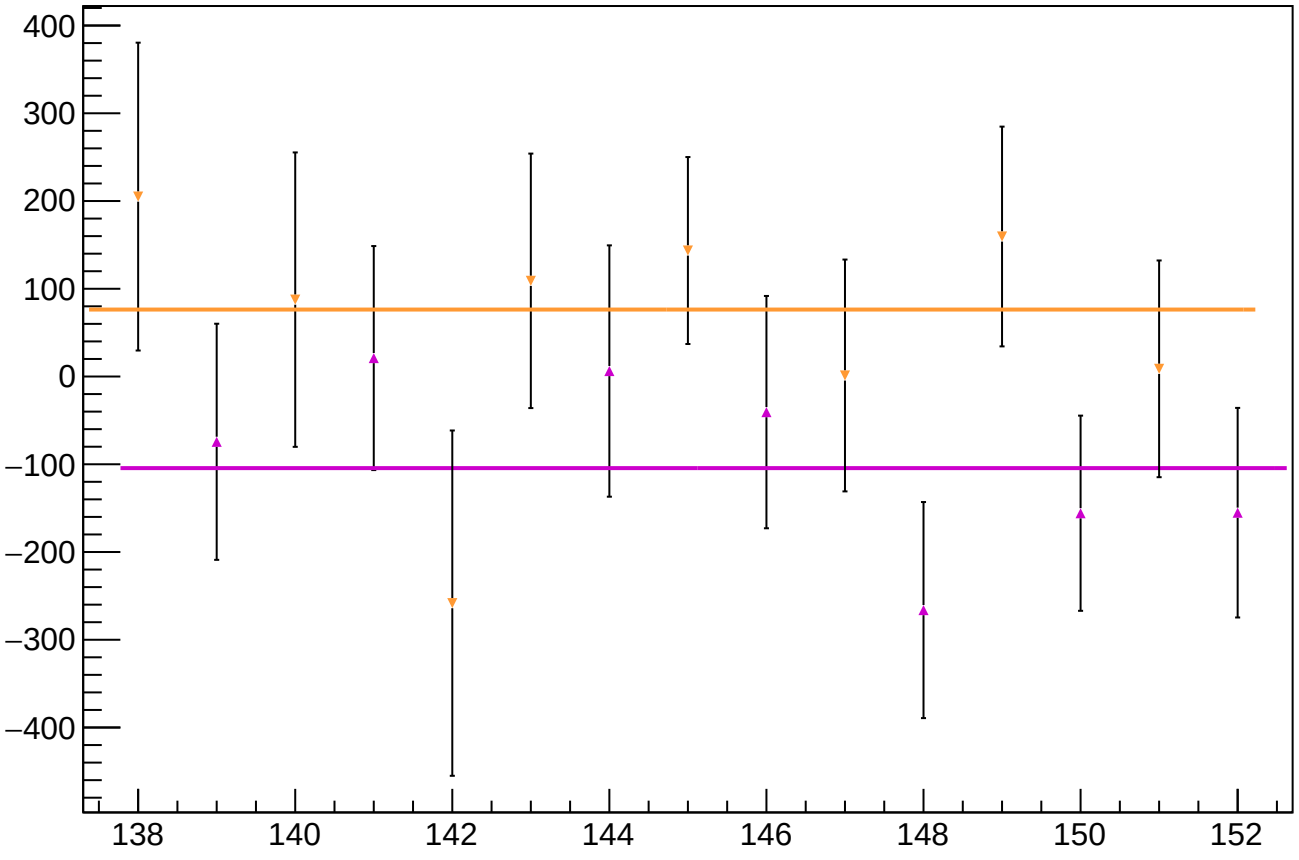
Left In: 357.209+/-0.107 χ^2/NDF:353565.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 359.162+/-0.076 χ^2/NDF: 718985.2/14

- 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: 76.314+/-49.019 χ^2/NDF:4.9/7

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

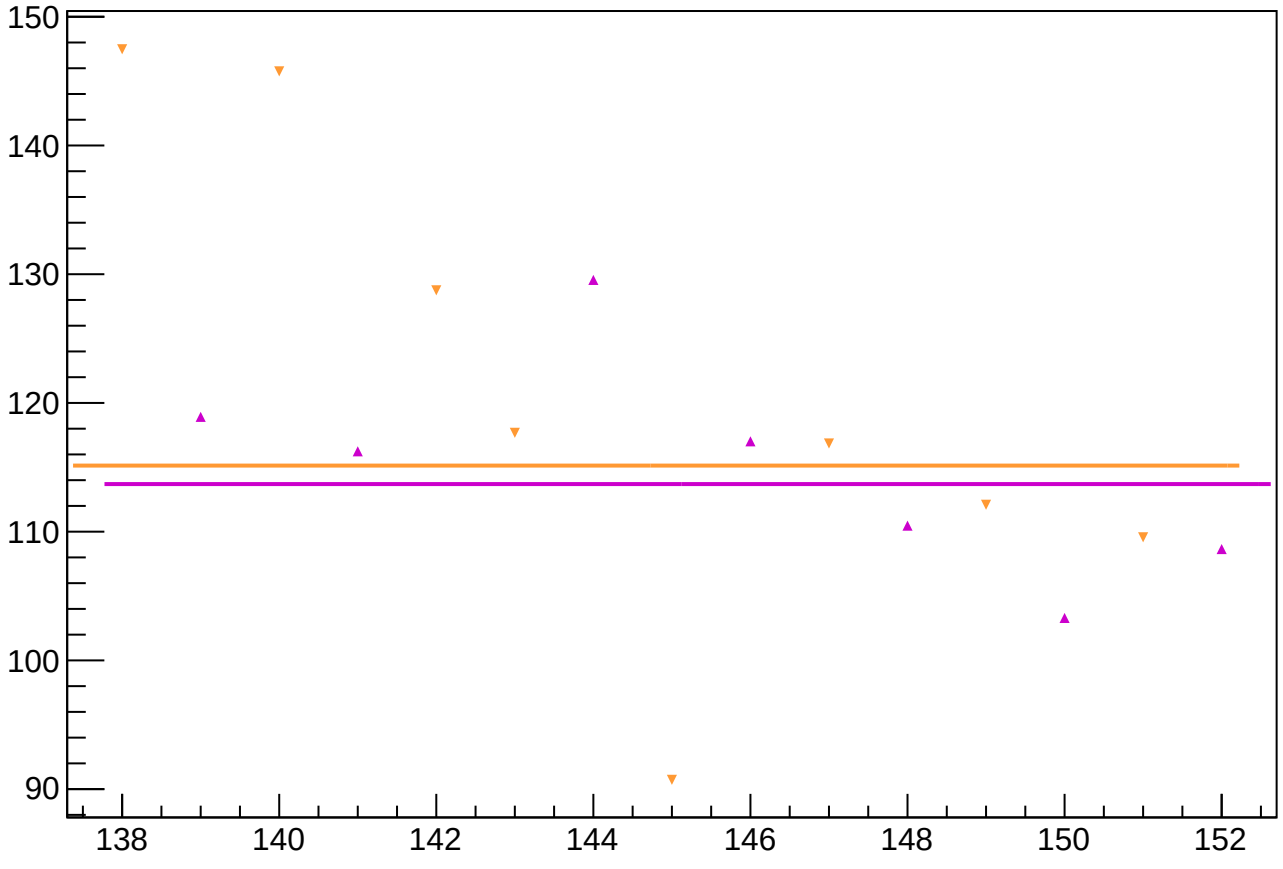
Left In: -104.392+/-47.709 χ^2/NDF:4.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -16.486+/-34.189 χ^2/NDF: 15.9/14

- 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: 115.134+/-0.035 χ^2/NDF:255418.0/7

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

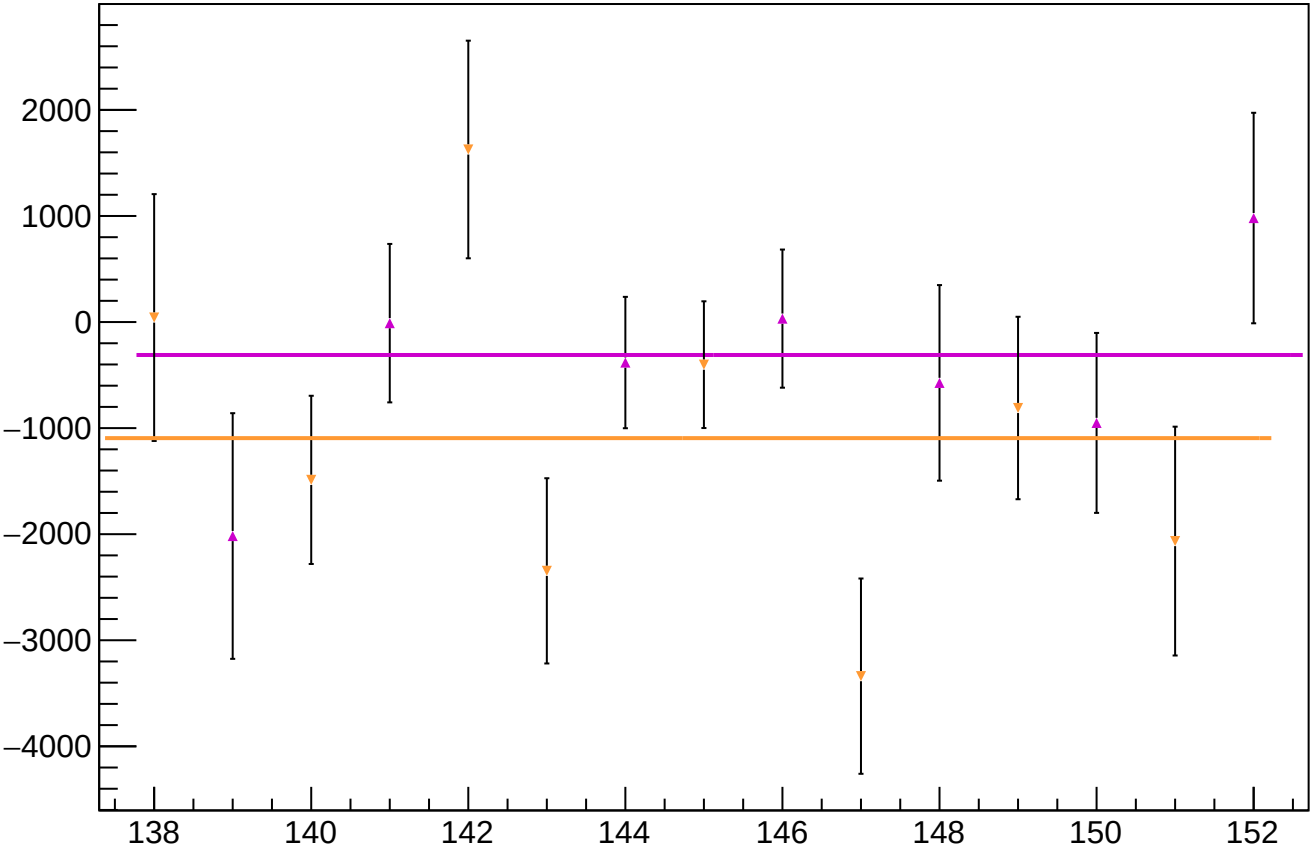
Left In: 113.697+/-0.034 χ^2/NDF:52027.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 114.396+/-0.024 χ^2/NDF: 308327.0/14

- 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: -1094.394+/-304.521 χ^2/NDF:18.5/7

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

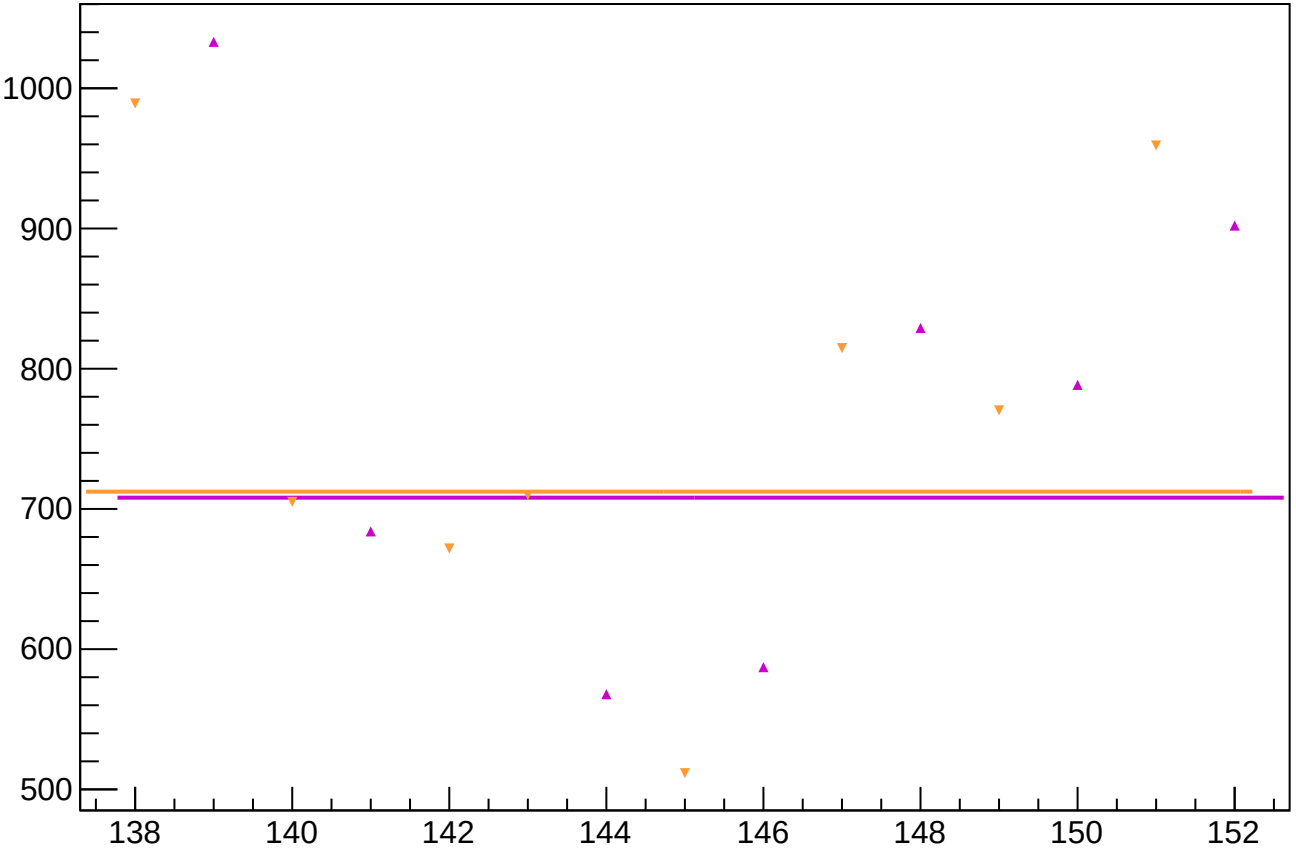
Left In: -310.564+/-300.356 χ^2/NDF:5.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -697.082+/-213.841 χ^2/NDF: 26.8/14

- 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: 712.315+/-0.215 χ^2/NDF:480986.7/7

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

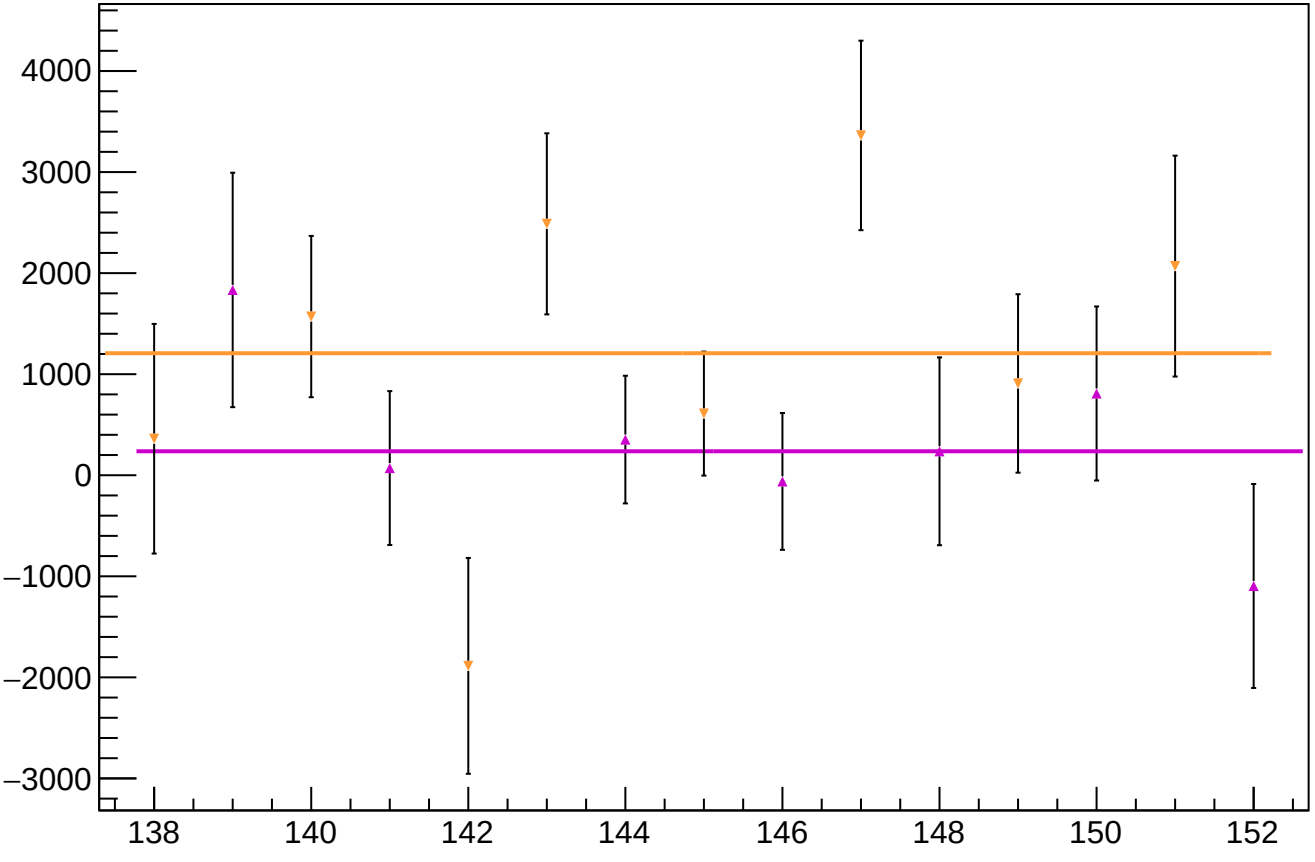
Left In: 708.041+/-0.212 χ^2/NDF:459919.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 710.148+/-0.151 χ^2/NDF: 941106.0/14

- 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: 1207.400+/-310.385 χ^2/NDF:18.2/7

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

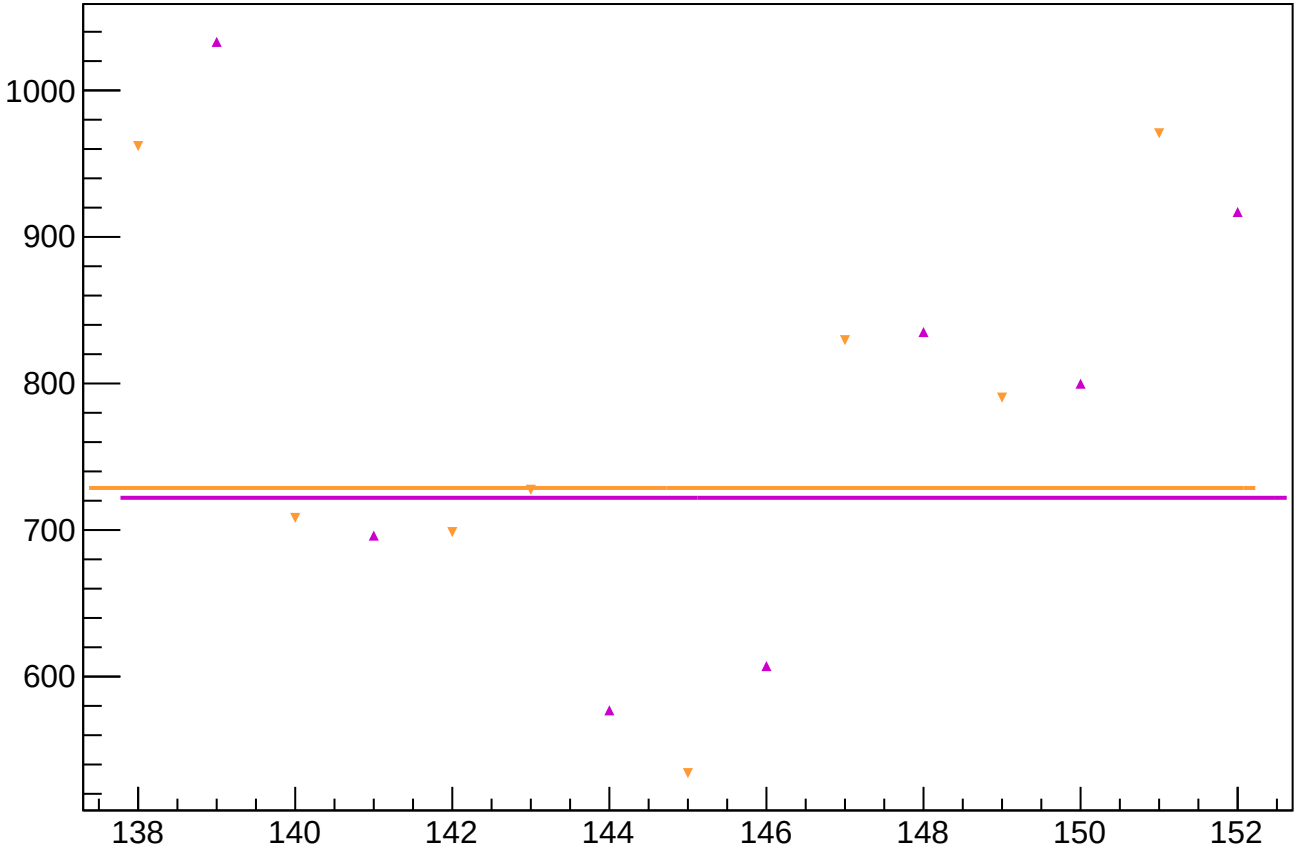
Left In: 237.246+/-306.480 χ^2/NDF:4.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 716.181+/-218.081 χ^2/NDF: 27.5/14

- 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: 728.711+/-0.219 χ^2/NDF:419318.5/7

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

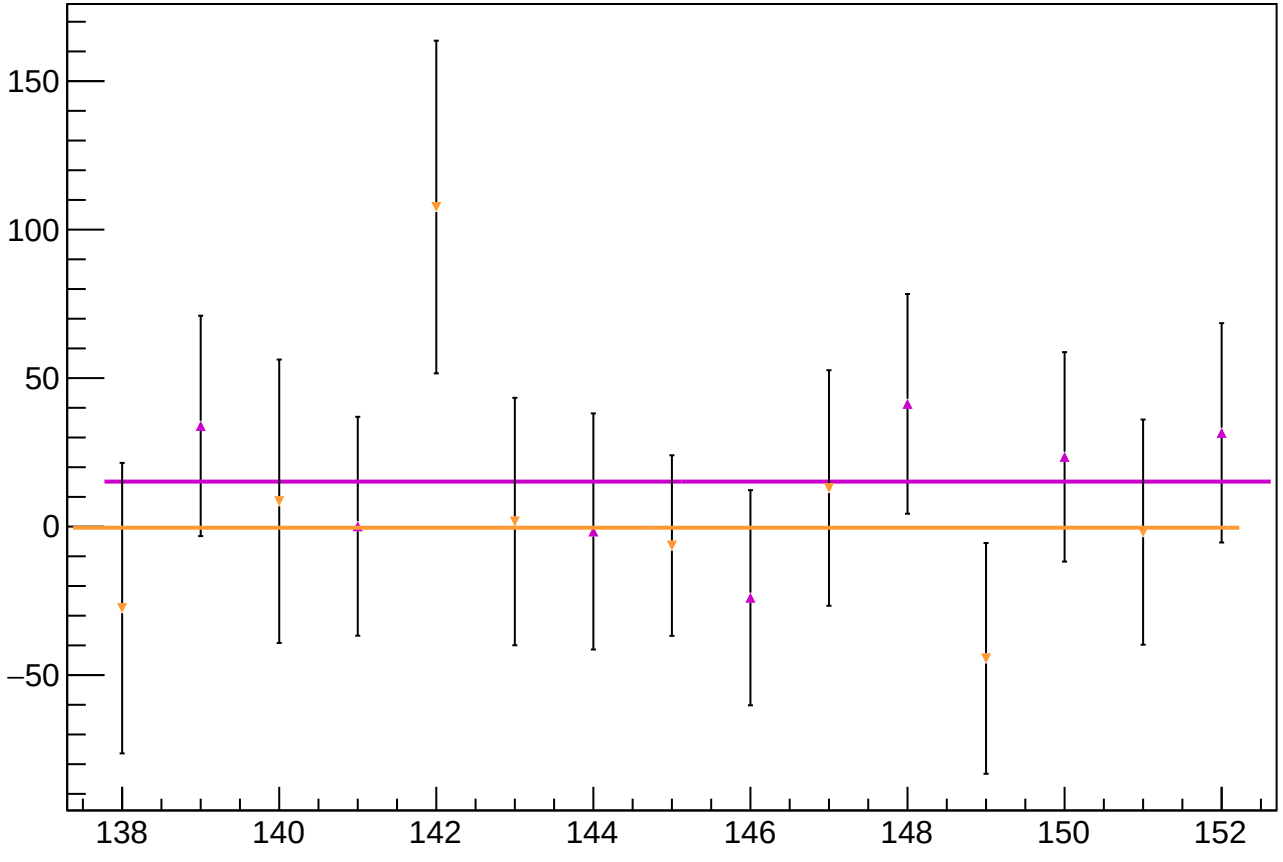
Left In: 722.001+/-0.217 χ^2/NDF:429867.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 725.313+/-0.154 χ^2/NDF: 849659.2/14

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -0.369+/-14.392 χ^2/NDF:5.5/7

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

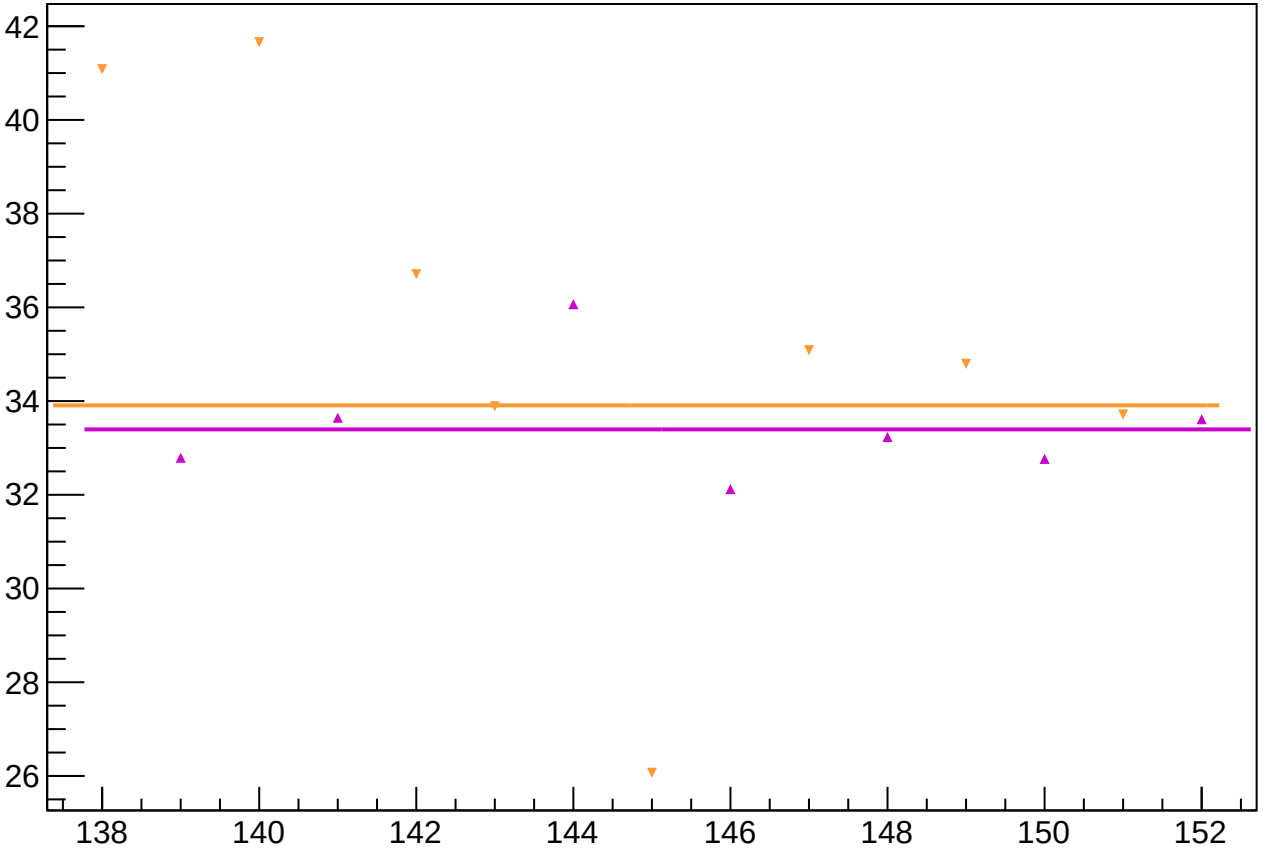
Left In: 15.155+/-13.969 χ^2/NDF:2.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.625+/-10.024 χ^2/NDF: 8.6/14

- 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: 33.909+/-0.010 χ^2/NDF:236613.0/7

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

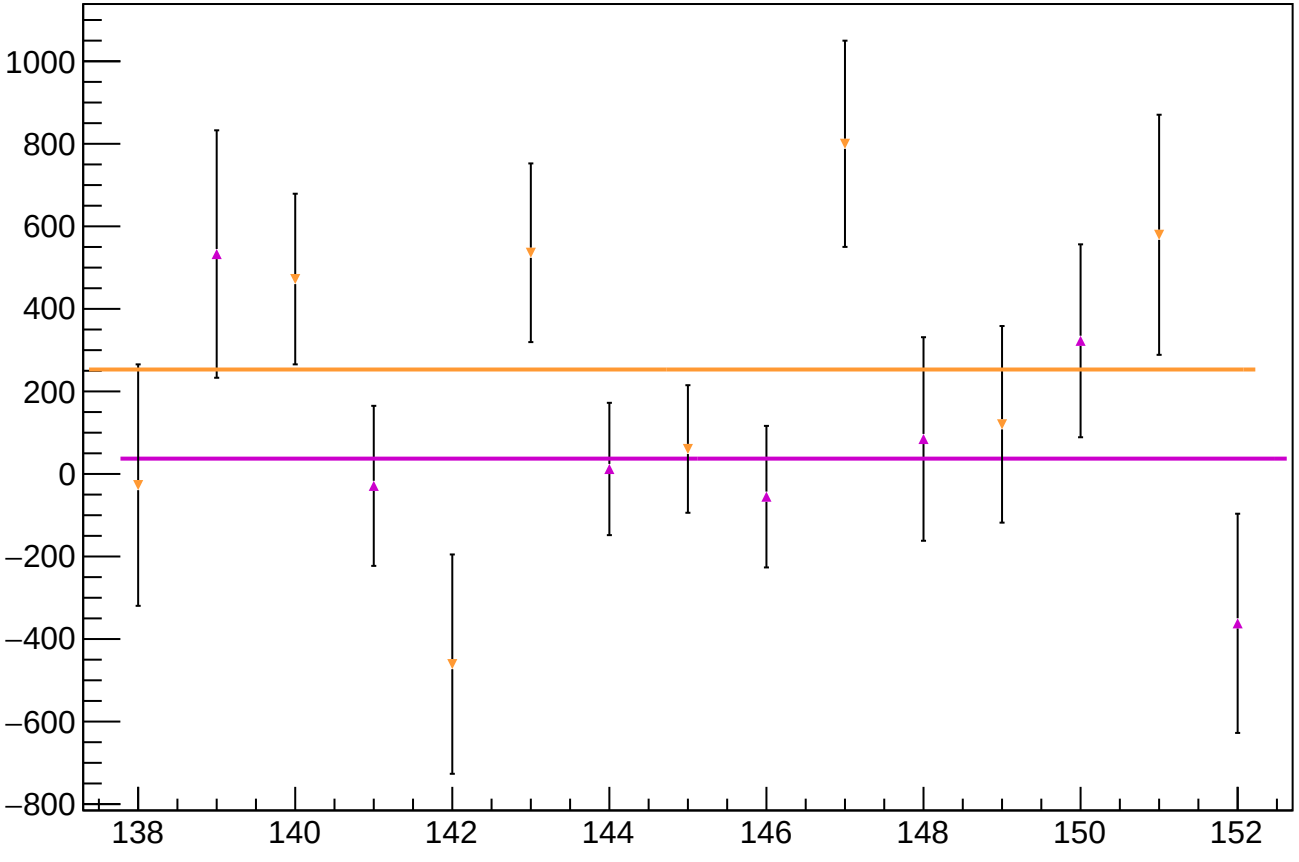
Left In: 33.396+/-0.010 χ^2/NDF:12875.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 33.645+/-0.007 χ^2/NDF: 250796.7/14

- 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: 253.089+/-79.585 χ^2/NDF:18.9/7

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

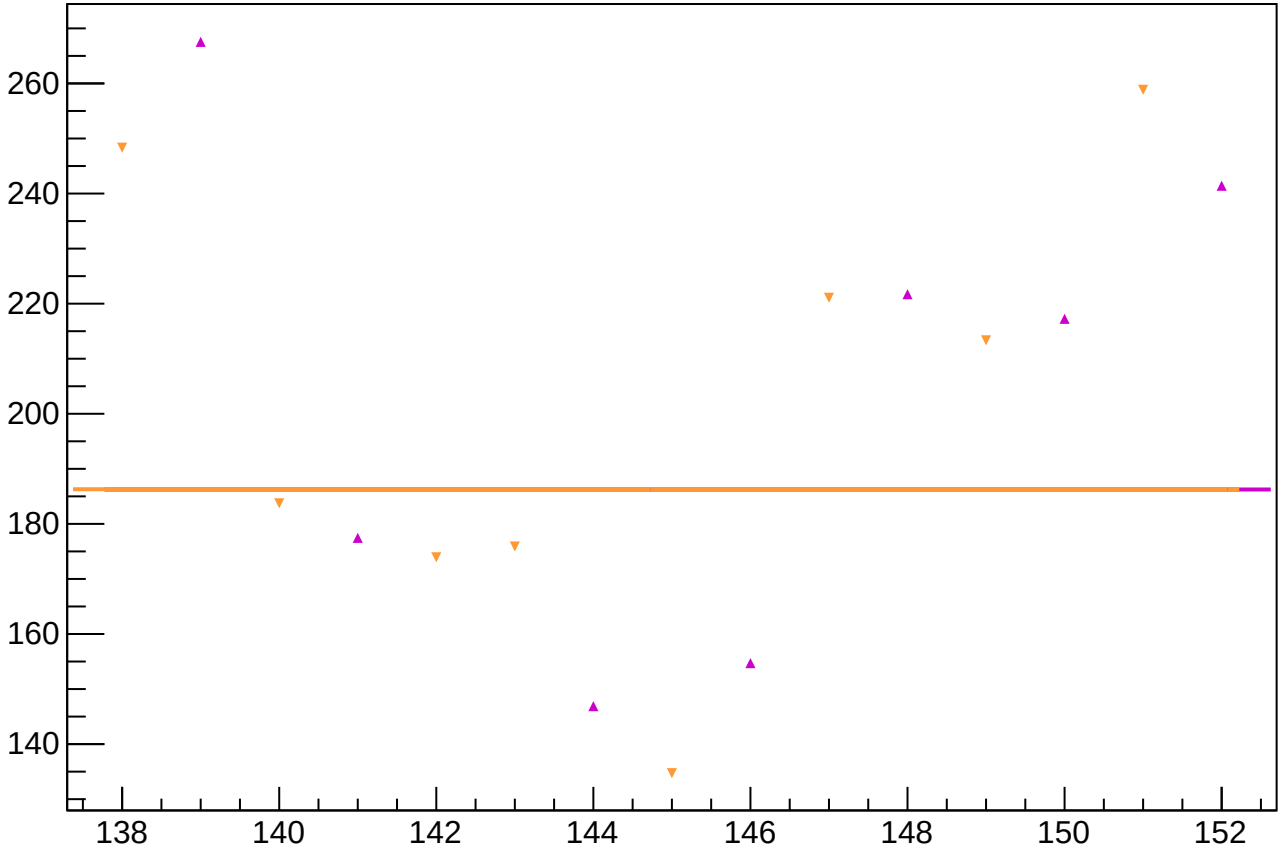
Left In: 37.148+/-79.166 χ^2/NDF:7.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 144.548+/-56.126 χ^2/NDF: 29.5/14

- 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: 186.296+/-0.056 χ^2/NDF:510765.3/7

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

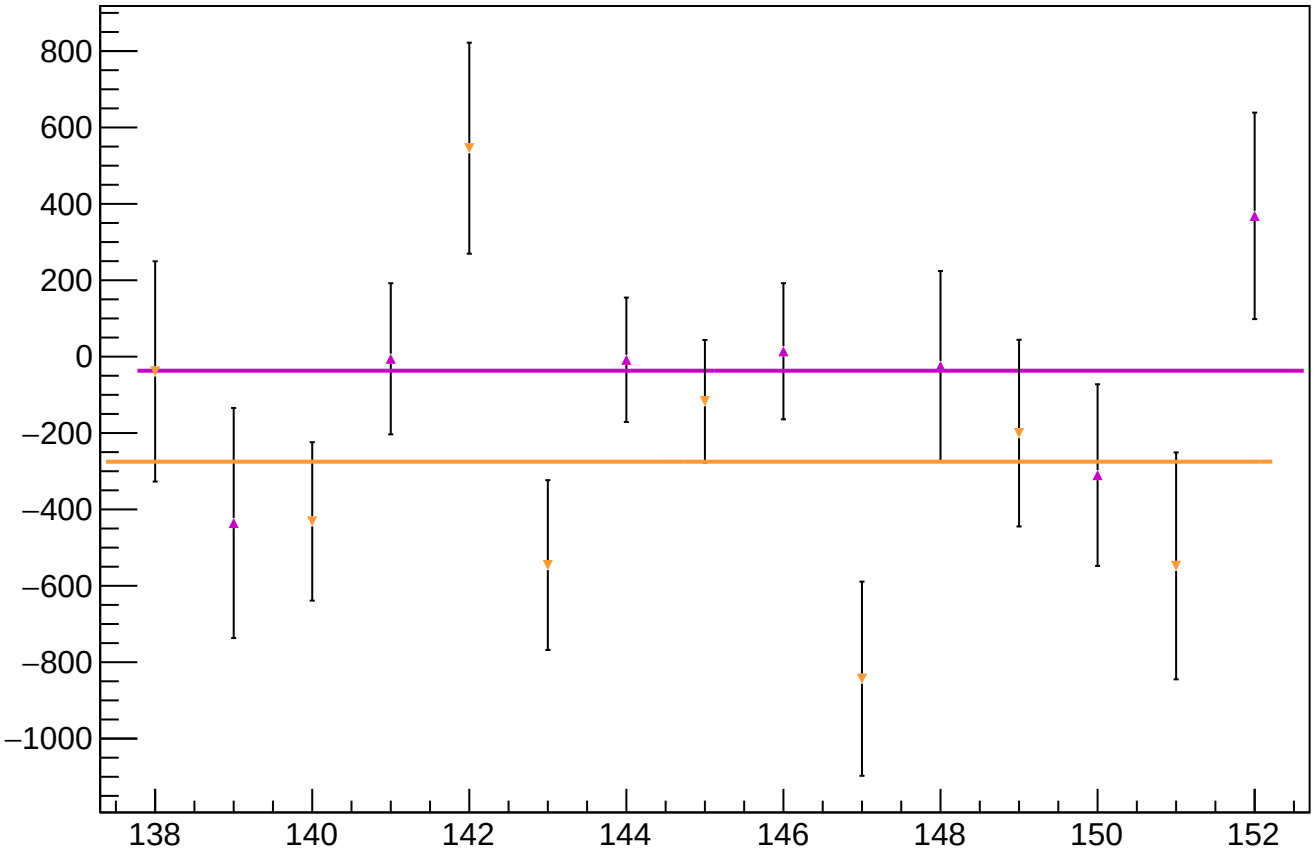
Left In: 186.248+/-0.056 χ^2/NDF:502246.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 186.272+/-0.040 χ^2/NDF: 1013012.0/14

- 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: -274.977+/-81.369 χ^2/NDF:18.5/7

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

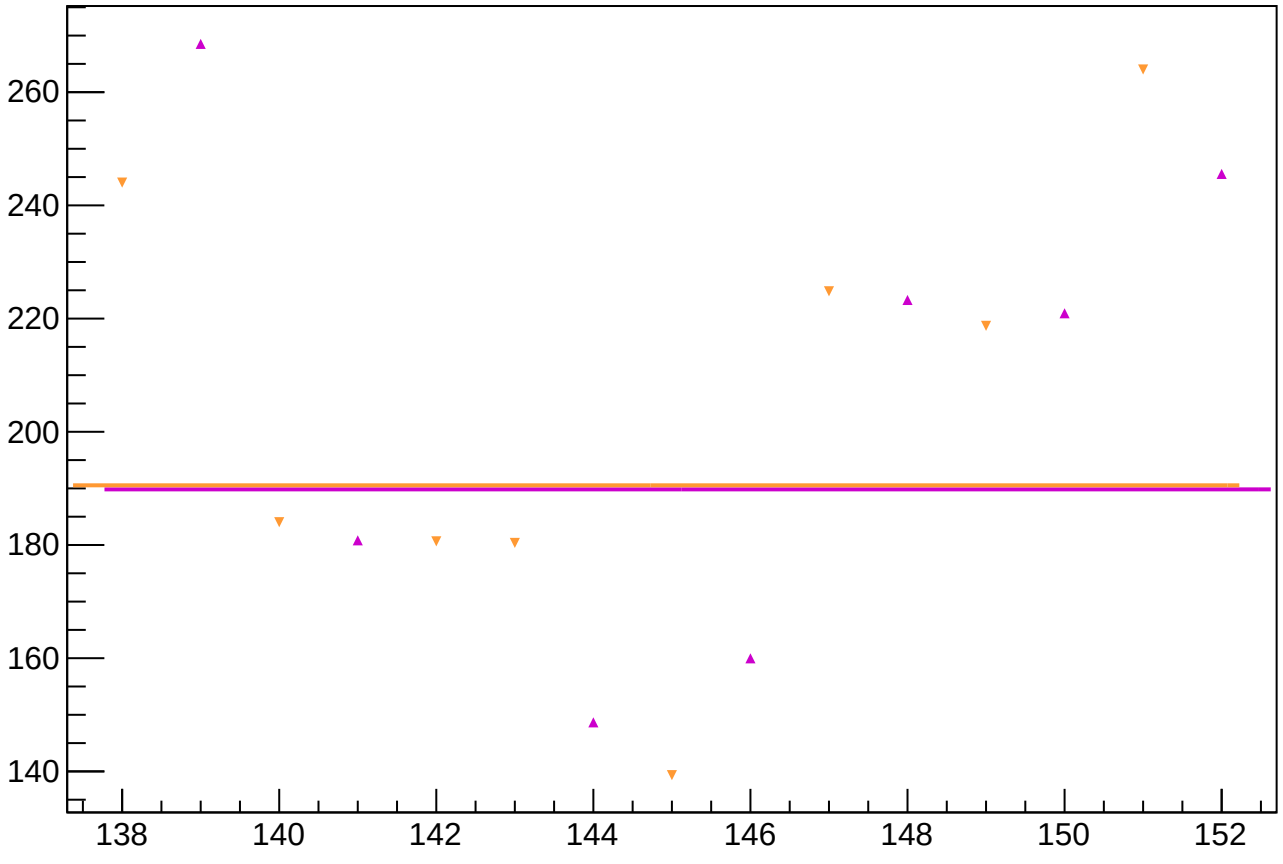
Left In: -36.822+/-80.762 χ^2/NDF:5.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -155.008+/-57.321 χ^2/NDF: 28.2/14

- 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: 190.544+/-0.058 χ^2/NDF:466734.7/7

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

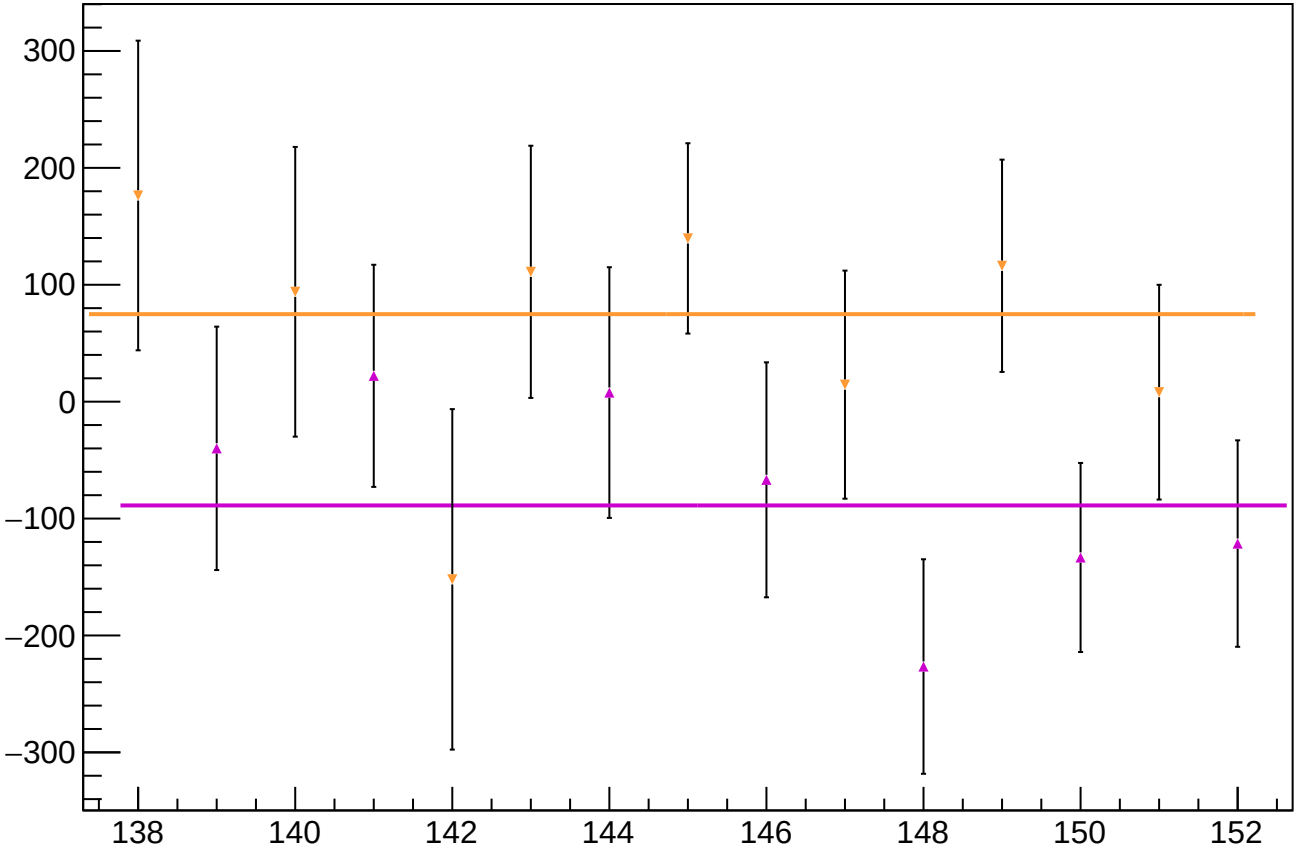
Left In: 189.827+/-0.057 χ^2/NDF:480025.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 190.183+/-0.041 χ^2/NDF: 946838.0/14

- 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: 74.862+/-36.490 χ^2/NDF:4.9/7

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

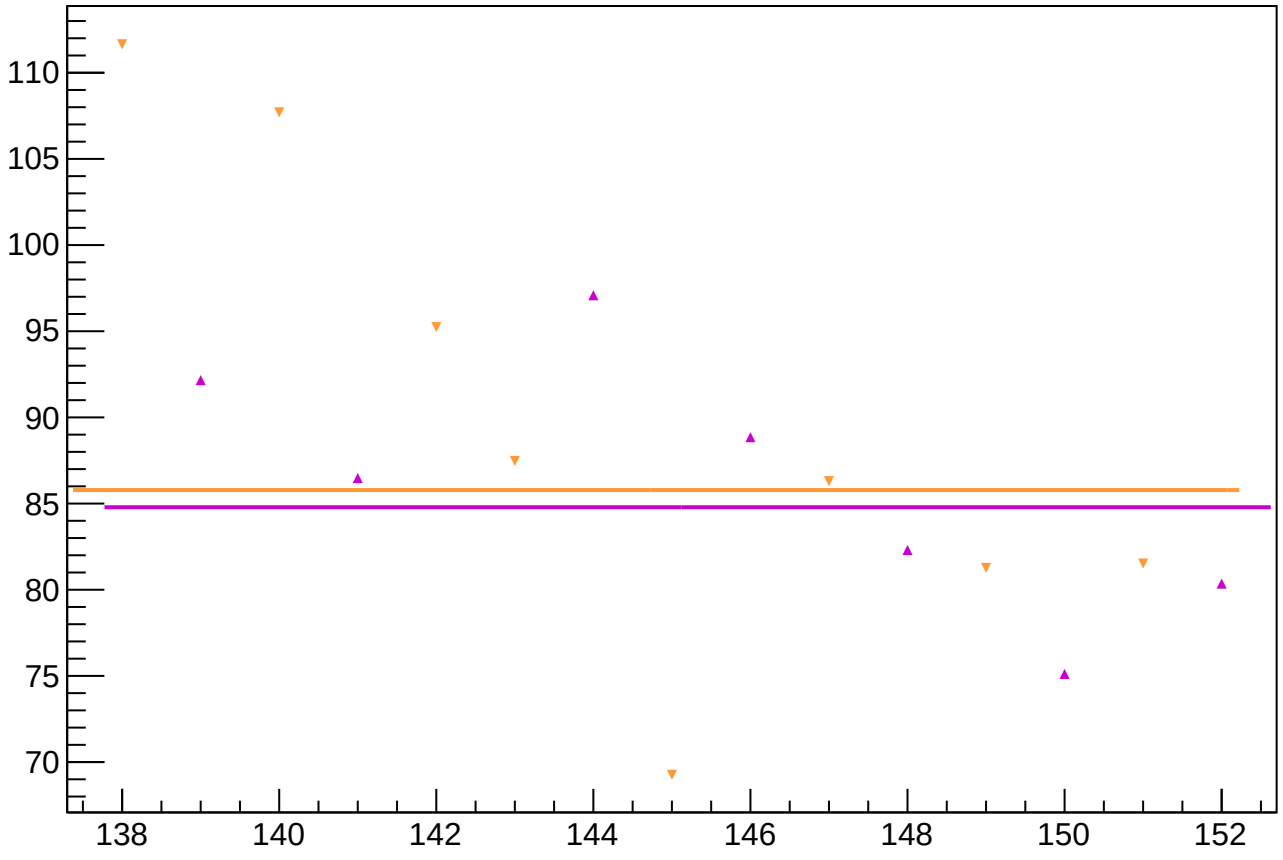
Left In: -88.769+/-35.603 χ^2/NDF:5.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.965+/-25.483 χ^2/NDF: 20.3/14

- 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: 85.784+/-0.026 χ^2/NDF:239482.8/7

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

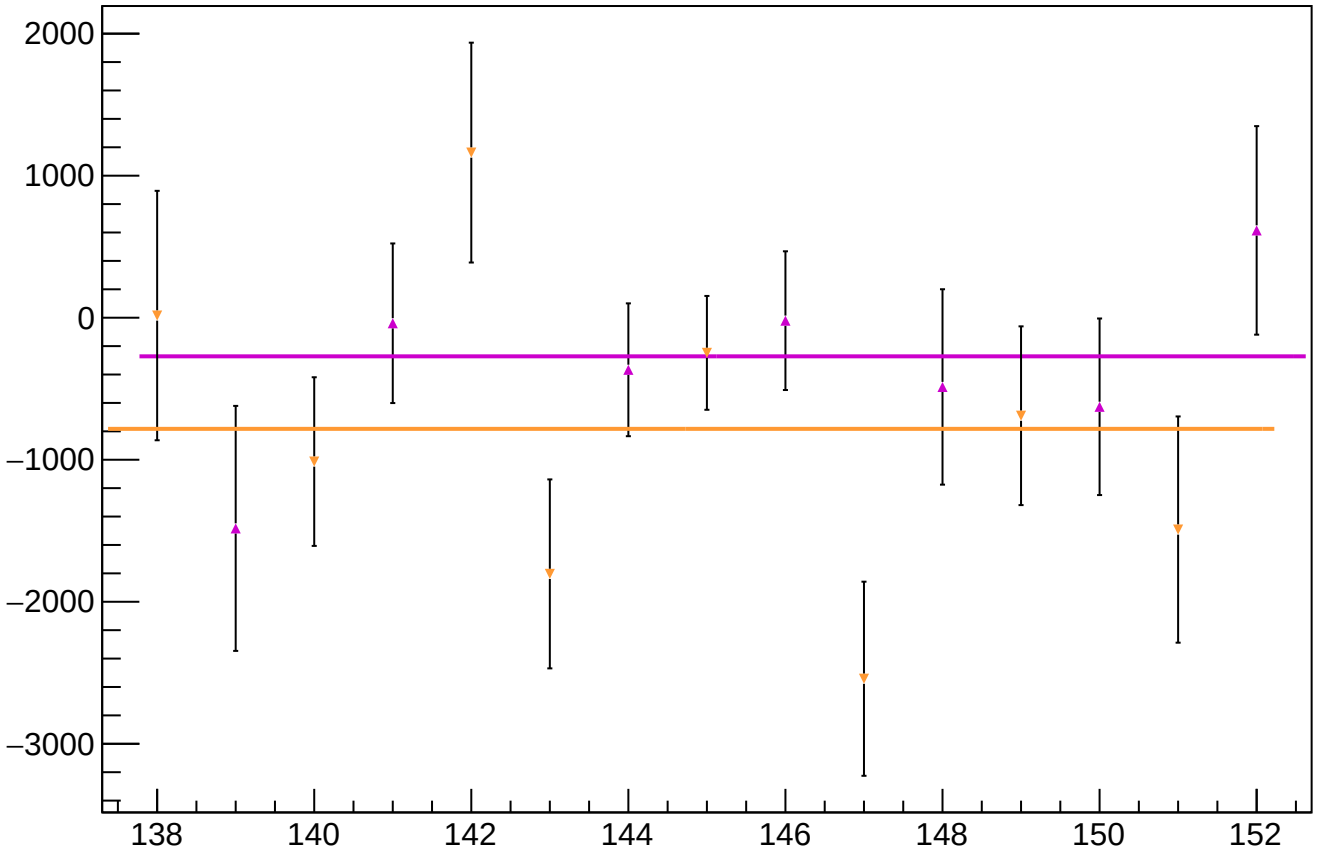
Left In: 84.787+/-0.025 χ^2/NDF:75379.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 85.273+/-0.018 χ^2/NDF: 315626.3/14

- 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: -782.529+/-220.692 χ^2/NDF:18.9/7

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

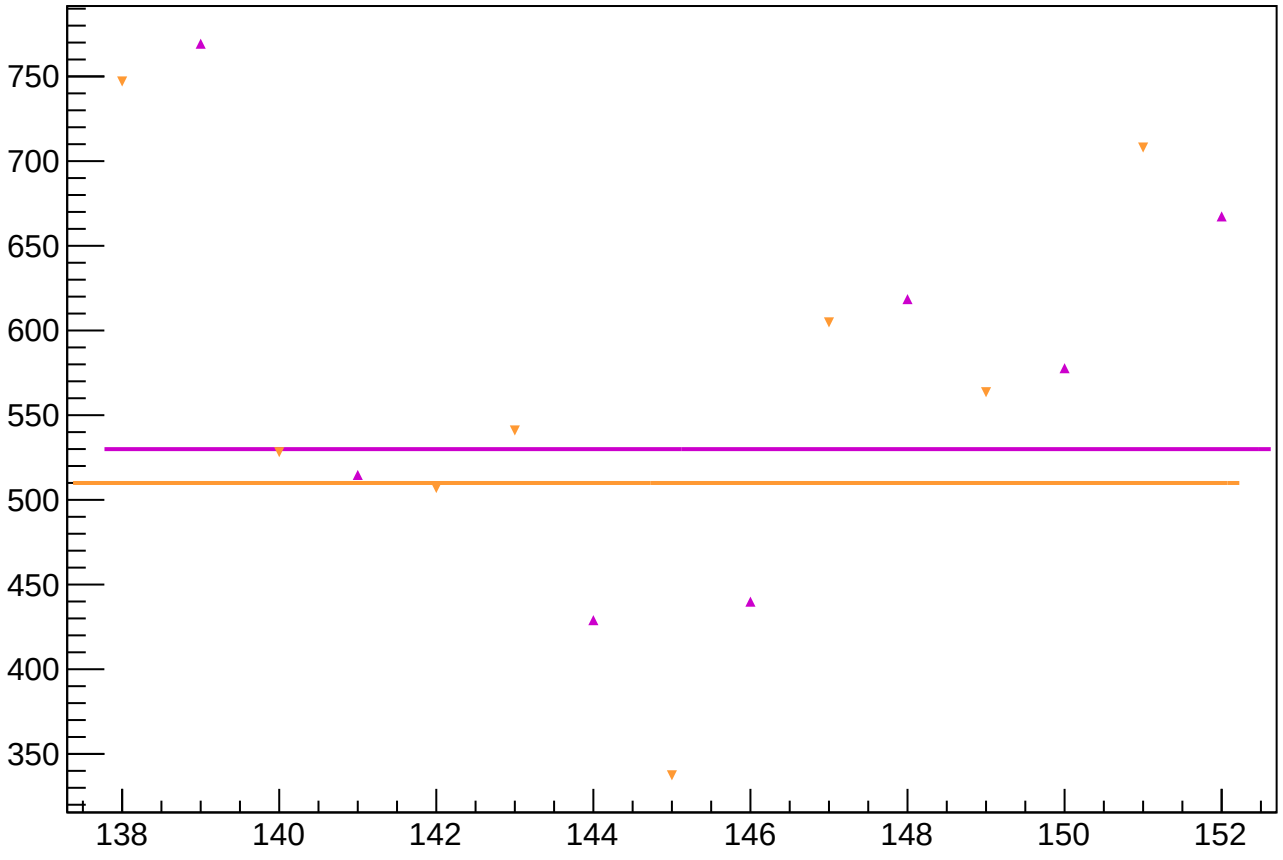
Left In: -271.927+/-224.539 χ^2/NDF:4.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -531.640+/-157.395 χ^2/NDF: 25.8/14

- 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: 509.969+/-0.156 χ^2/NDF:699648.4/7

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

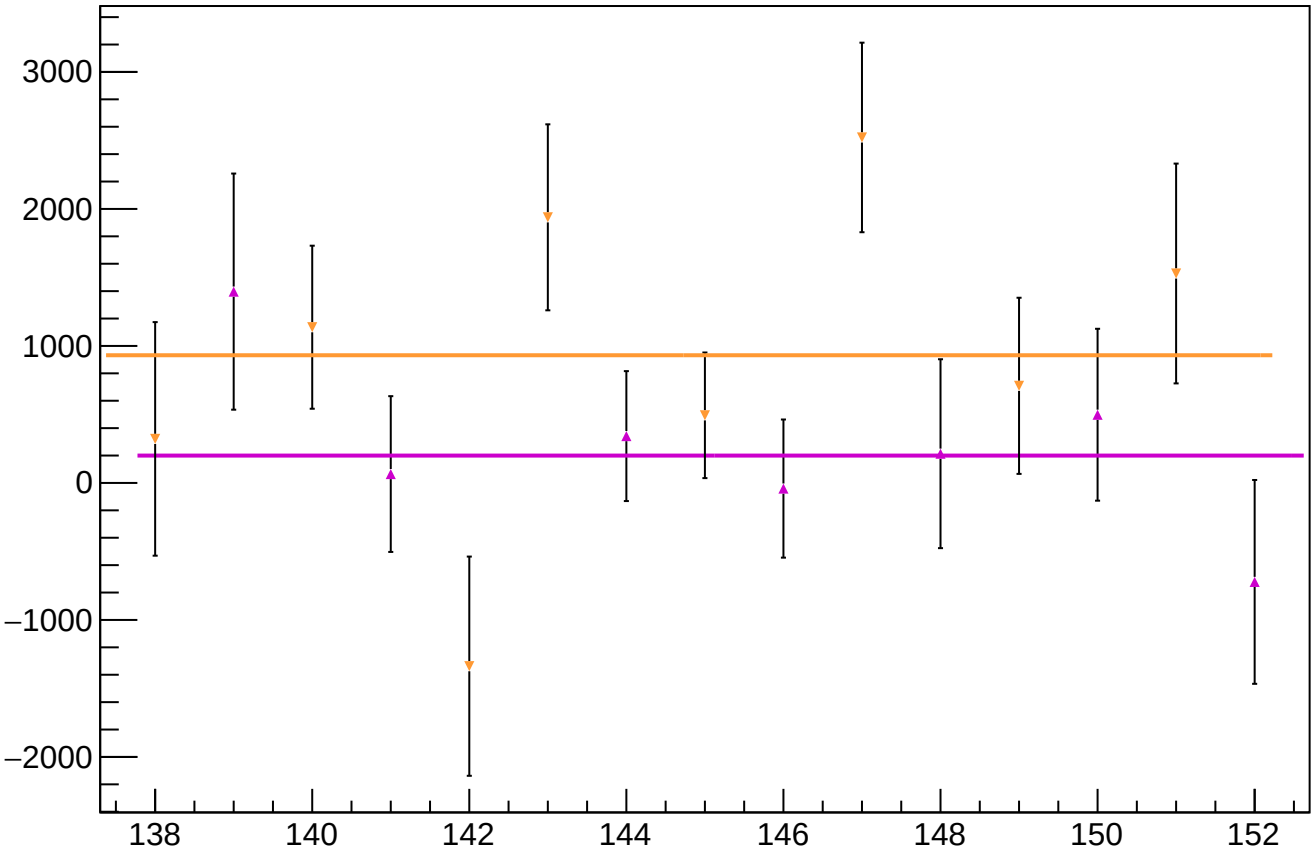
Left In: 529.958+/-0.159 χ^2/NDF:431797.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 519.791+/-0.111 χ^2/NDF: 1139507.1/14

- 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: 932.065+/-230.908 χ^2/NDF:17.7/7

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

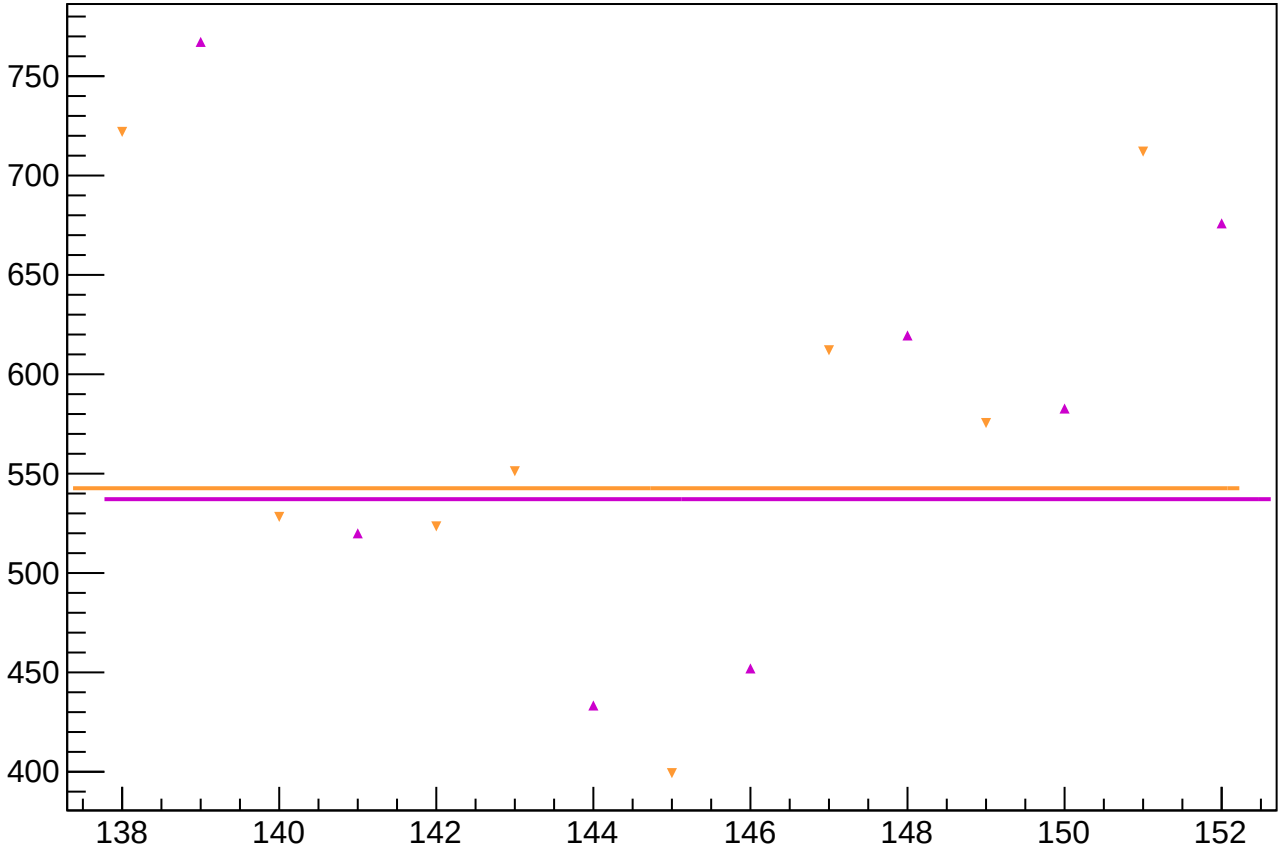
Left In: 199.713+/-227.775 χ^2/NDF:4.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 560.886+/-162.158 χ^2/NDF: 26.9/14

- 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: 542.658+/-0.163 χ^2/NDF:401219.6/7

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

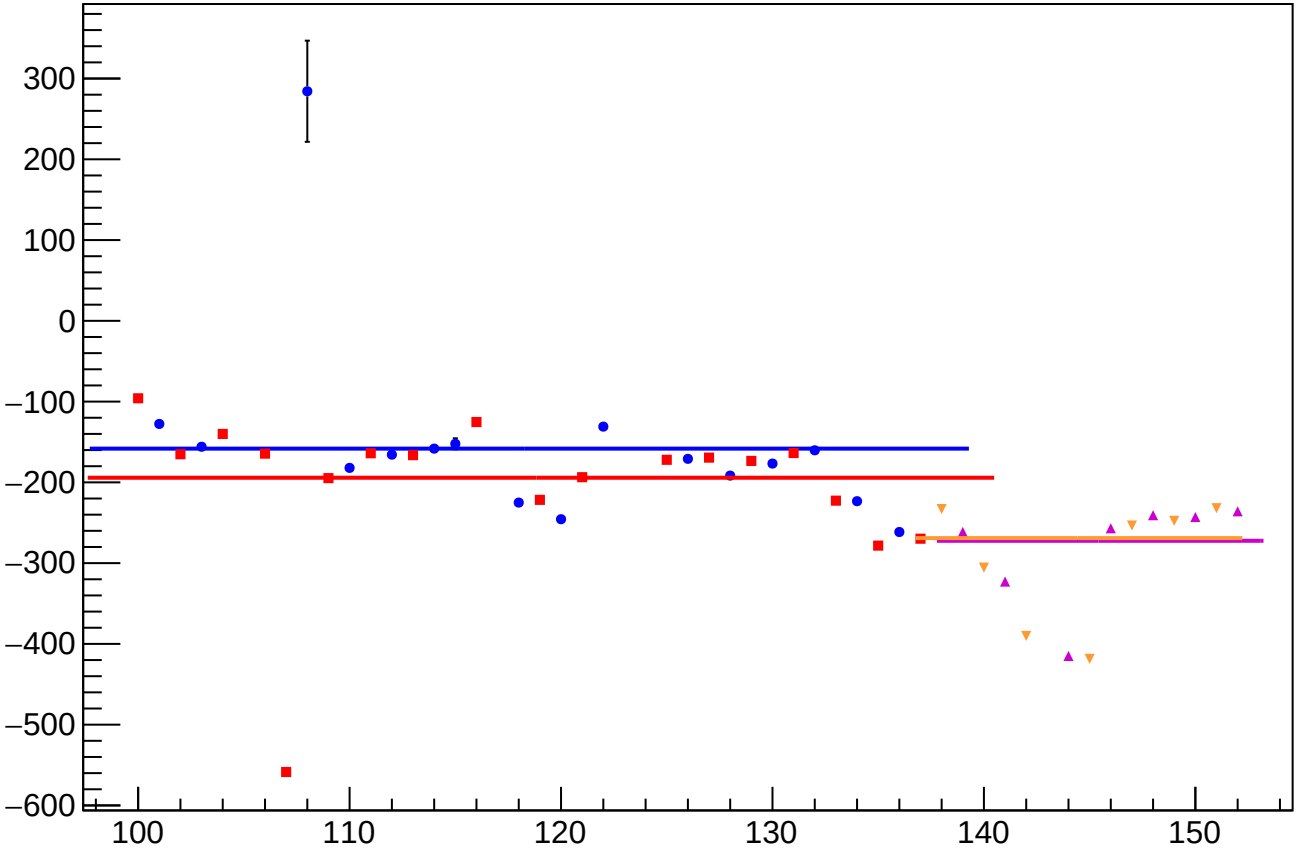
Left In: 537.157+/-0.161 χ^2/NDF:406062.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 539.870+/-0.115 χ^2/NDF: 807857.3/14

- 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: -269.009+/-0.299 χ^2/NDF:24793.9/6

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

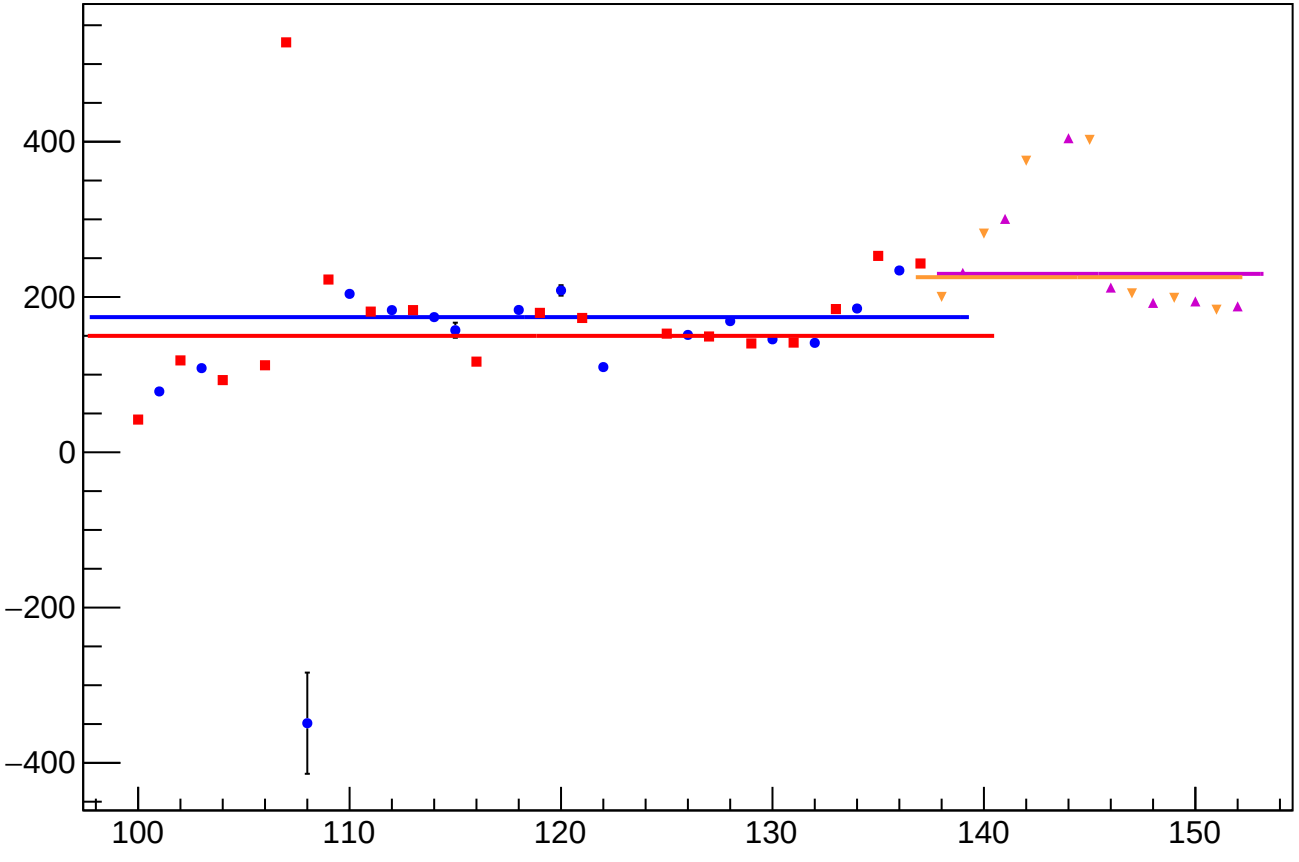
Left In: -272.338+/-0.228 χ^2/NDF:42141.0/6

+ sign -158.222+/-0.000 χ^2/NDF: 279243.7/22

All: -158.222+/-0.000 χ^2/NDF: 796789.9/47

- sign -221.181+/-0.134 χ^2/NDF: 295741.7/24

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 225.508+/-0.305 χ^2/NDF:32273.9/6

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

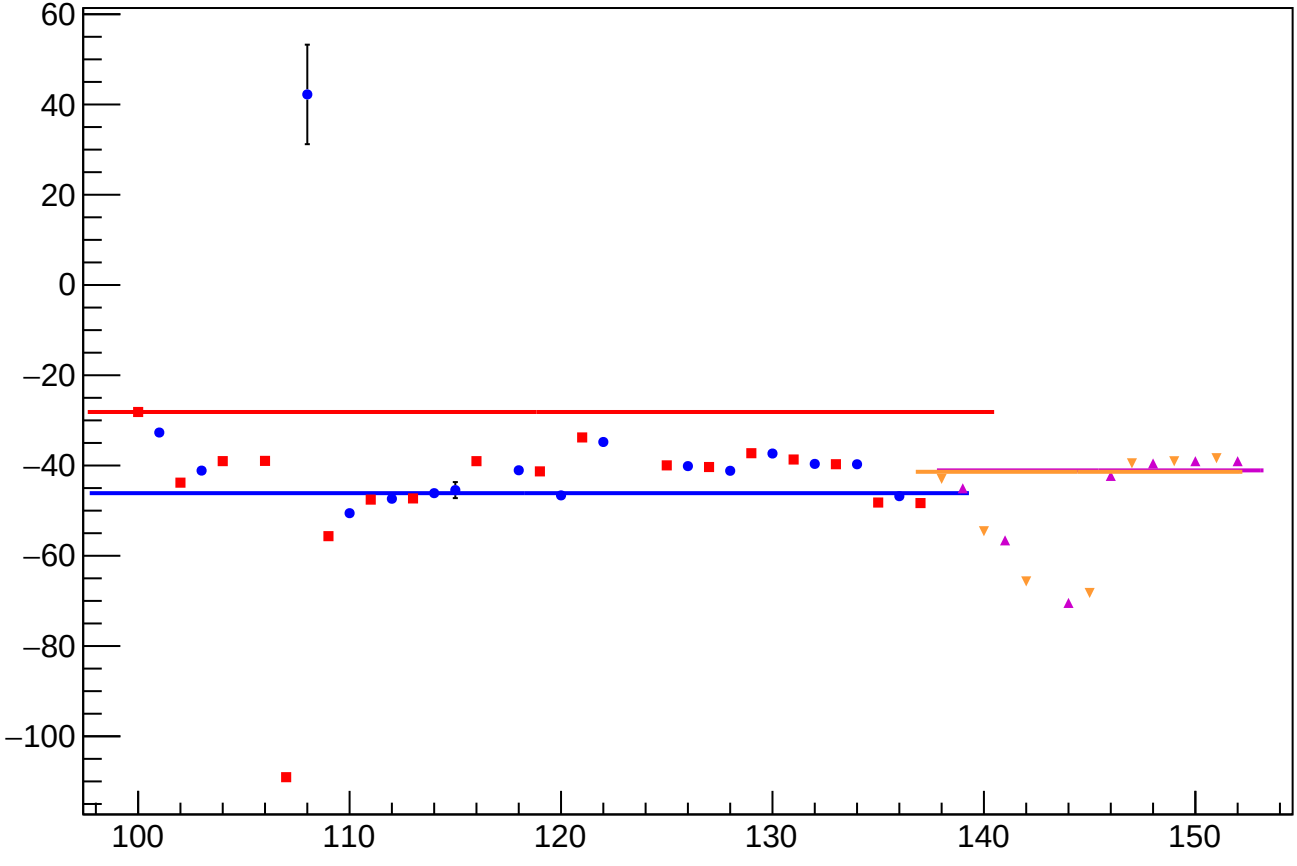
Left In: 229.800+/-0.232 χ^2/NDF:59361.6/6

+ sign 174.085+/-0.000 χ^2/NDF: 114008.7/22

All: 174.085+/-0.000 χ^2/NDF: 414232.8/47

- sign 183.150+/-0.149 χ^2/NDF: 296545.6/24

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -41.392+/-0.013 χ^2/NDF:83989.3/6

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

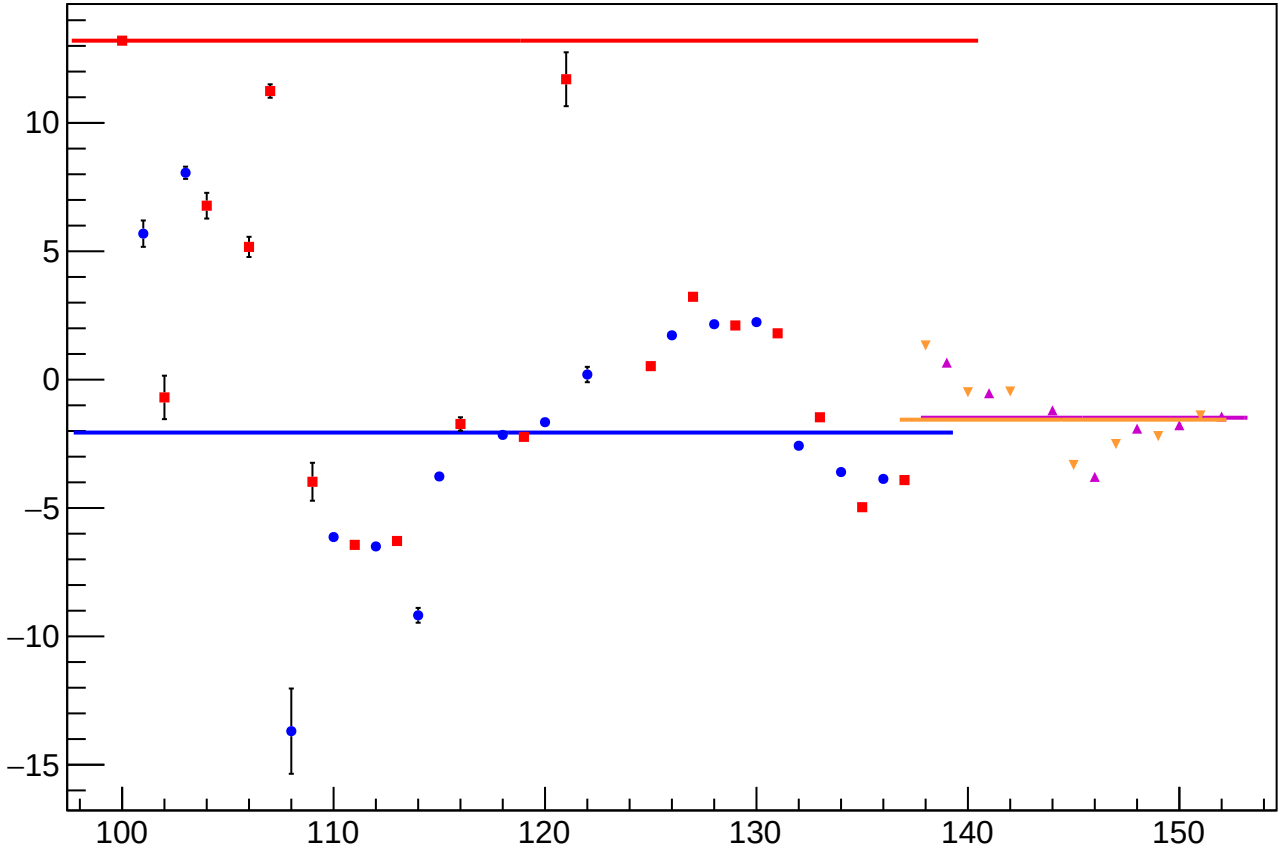
Left In: -41.080+/-0.014 χ^2/NDF:153215.2/6

+ sign -46.126+/-0.000 χ^2/NDF: 422091.3/22

All: -39.778+/-0.000 χ^2/NDF: 24879599323 1

- sign -28.139+/-0.000 χ^2/NDF: 1698694.7/24

dit_usl_4aY_slope vs Slug



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -1.559+/-0.015 χ^2/NDF:6921.9/6

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

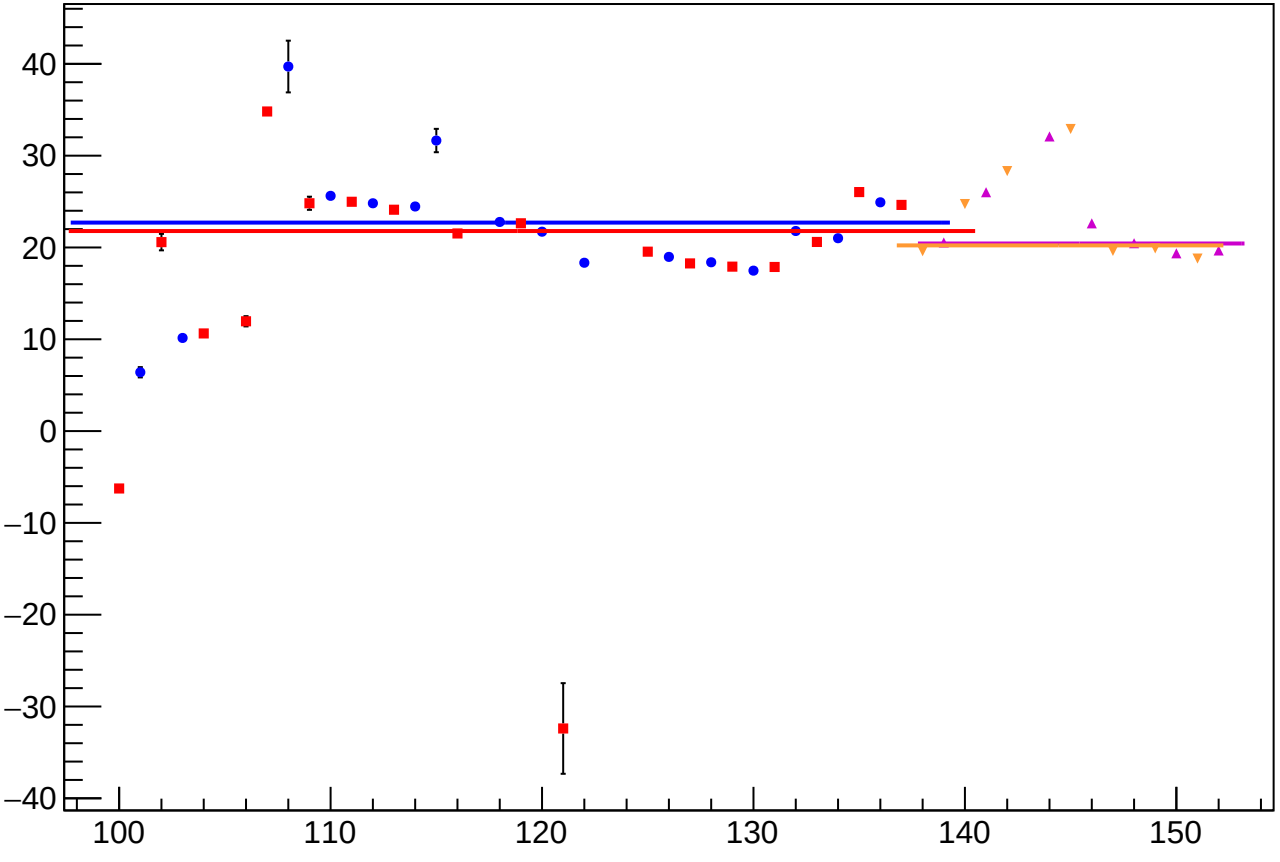
Left In: -1.483+/-0.011 χ^2/NDF:6080.0/6

+ sign -1.761+/-0.011 χ^2/NDF: 33061.4/22

All: 13.204+/-0.000 χ^2/NDF: 4222610.7/47

- sign 13.204+/-0.000 χ^2/NDF: 2437143.5/24

dit_usl_4eY_slope vs Slug



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 20.227+/-0.019 χ^2/NDF:14015.2/6

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

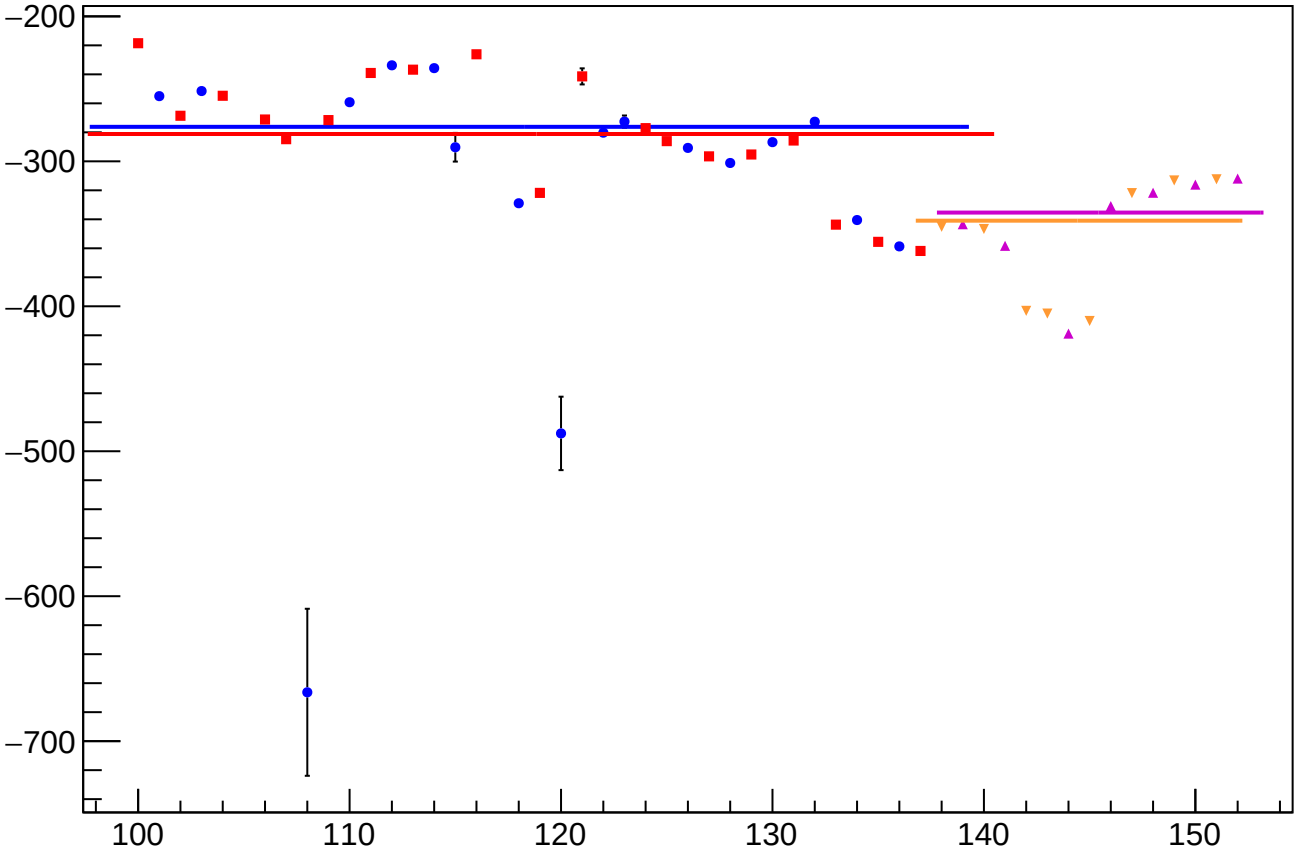
Left In: 20.433+/-0.014 χ^2/NDF:26561.7/6

+ sign 21.514+/-0.013 χ^2/NDF: 45235.8/22

All: 21.145+/-0.009 χ^2/NDF: 102547.1/47

- sign 20.854+/-0.012 χ^2/NDF: 55976.3/24

dit_usr_4aX_slope vs Slug



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -340.939+/-0.210 χ^2/NDF:22535.0/7

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

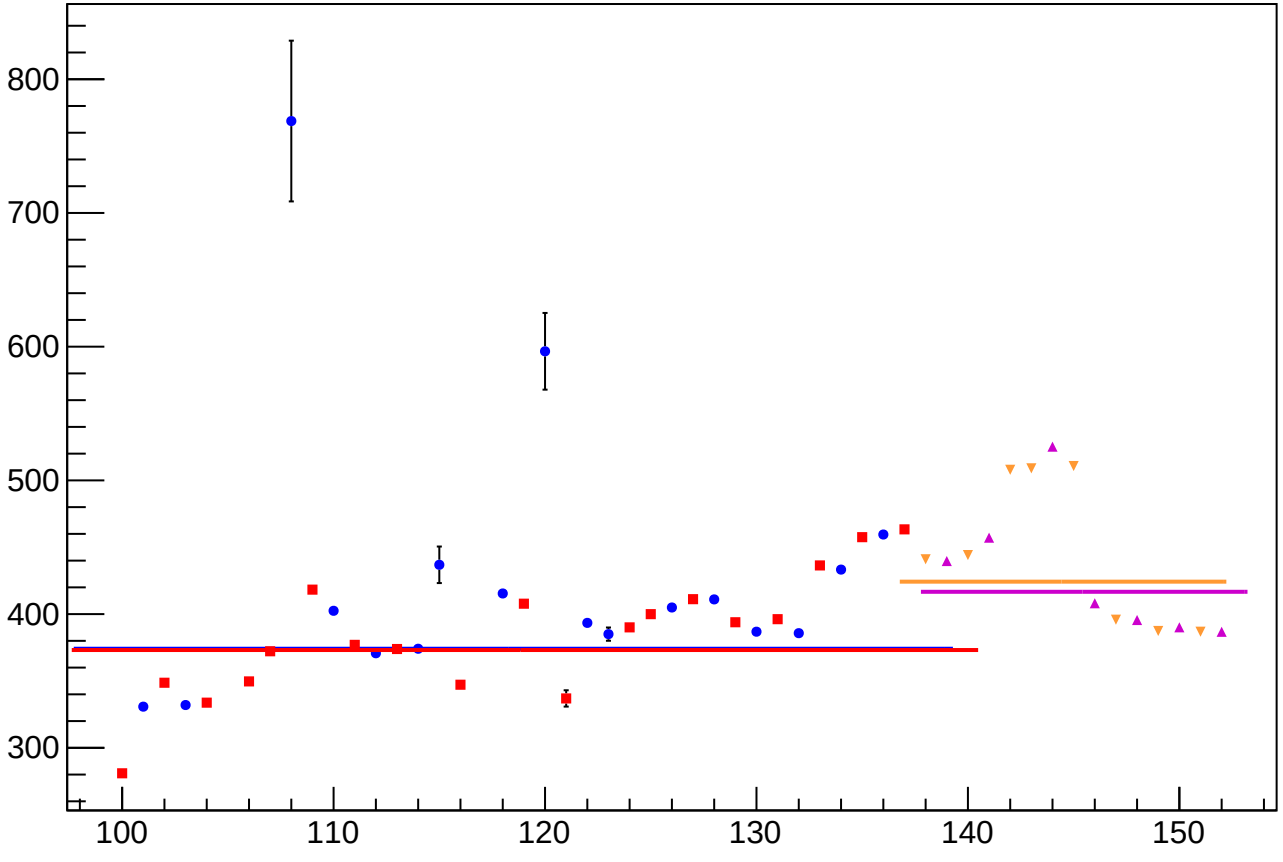
Left In: -335.350+/-0.152 χ^2/NDF:30873.1/6

+ sign -301.171+/-0.131 χ^2/NDF: 138906.8/24

All: -305.007+/-0.082 χ^2/NDF: 314472.4/50

- sign -307.522+/-0.106 χ^2/NDF: 174136.3/25

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 424.267+/-0.214 χ^2/NDF:40253.5/7

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

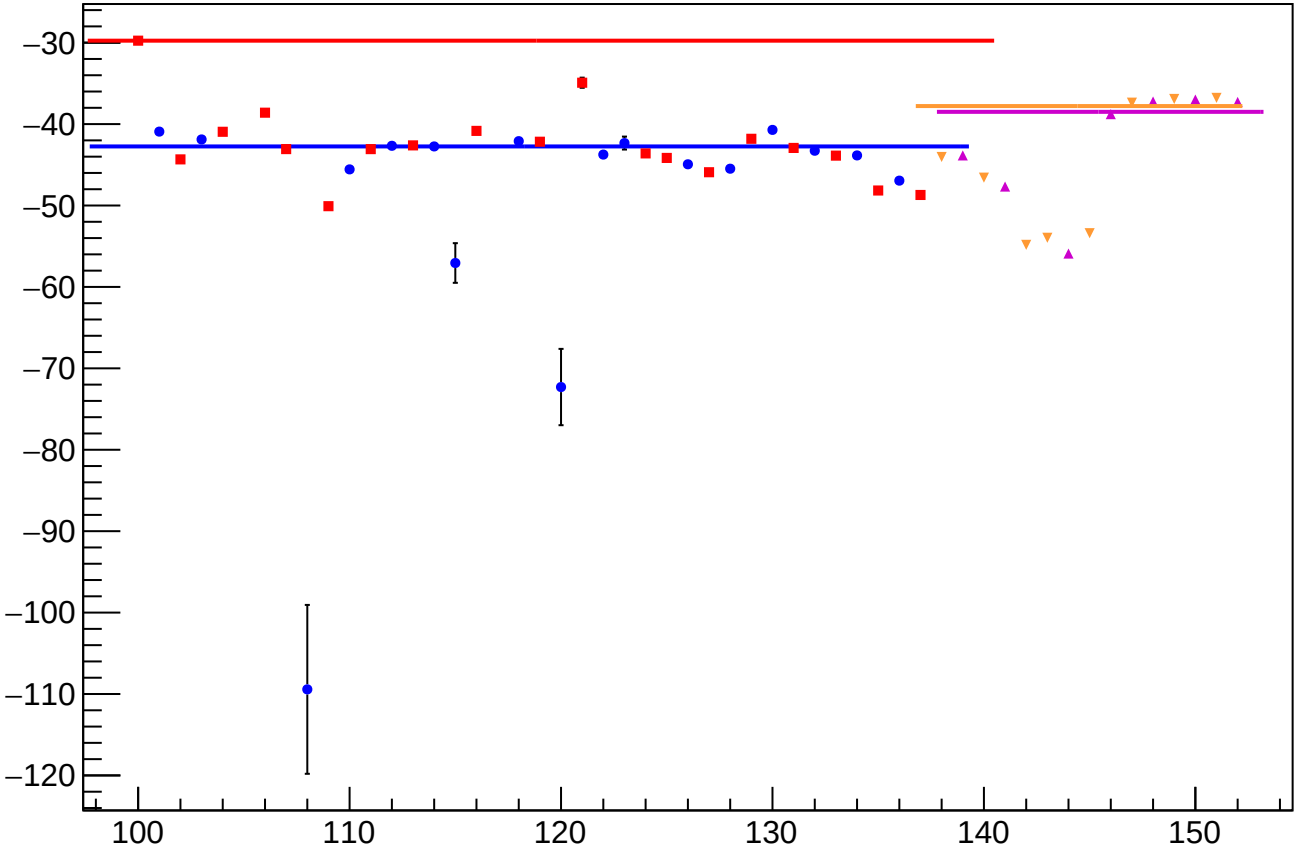
Left In: 416.686+/-0.155 χ^2/NDF:52897.0/6

+ sign 374.094+/-0.000 χ^2/NDF: 130280.7/24

All: 374.094+/-0.000 χ^2/NDF: 367329.6/50

- sign 395.376+/-0.110 χ^2/NDF: 199945.0/25

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.786+/-0.006 χ^2/NDF:248733.2/7

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

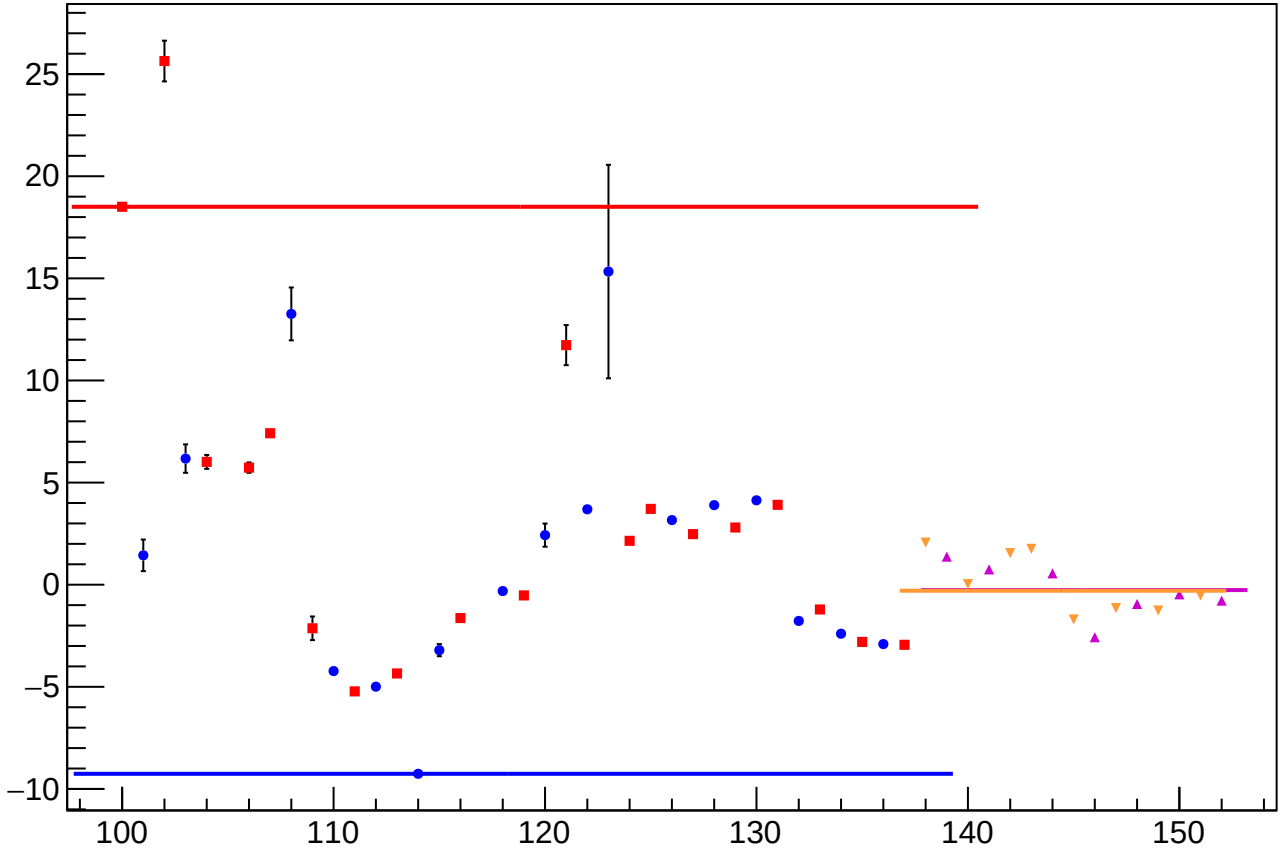
Left In: -38.496+/-0.009 χ^2/NDF:137453.9/6

+ sign -42.744+/-0.000 χ^2/NDF: 944224.4/24

All: -38.159+/-0.000 χ^2/NDF: 12976521268 0

- sign -29.754+/-0.000 χ^2/NDF: 1641612.3/25

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: -0.293+/-0.011 χ^2/NDF:10774.5/7

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

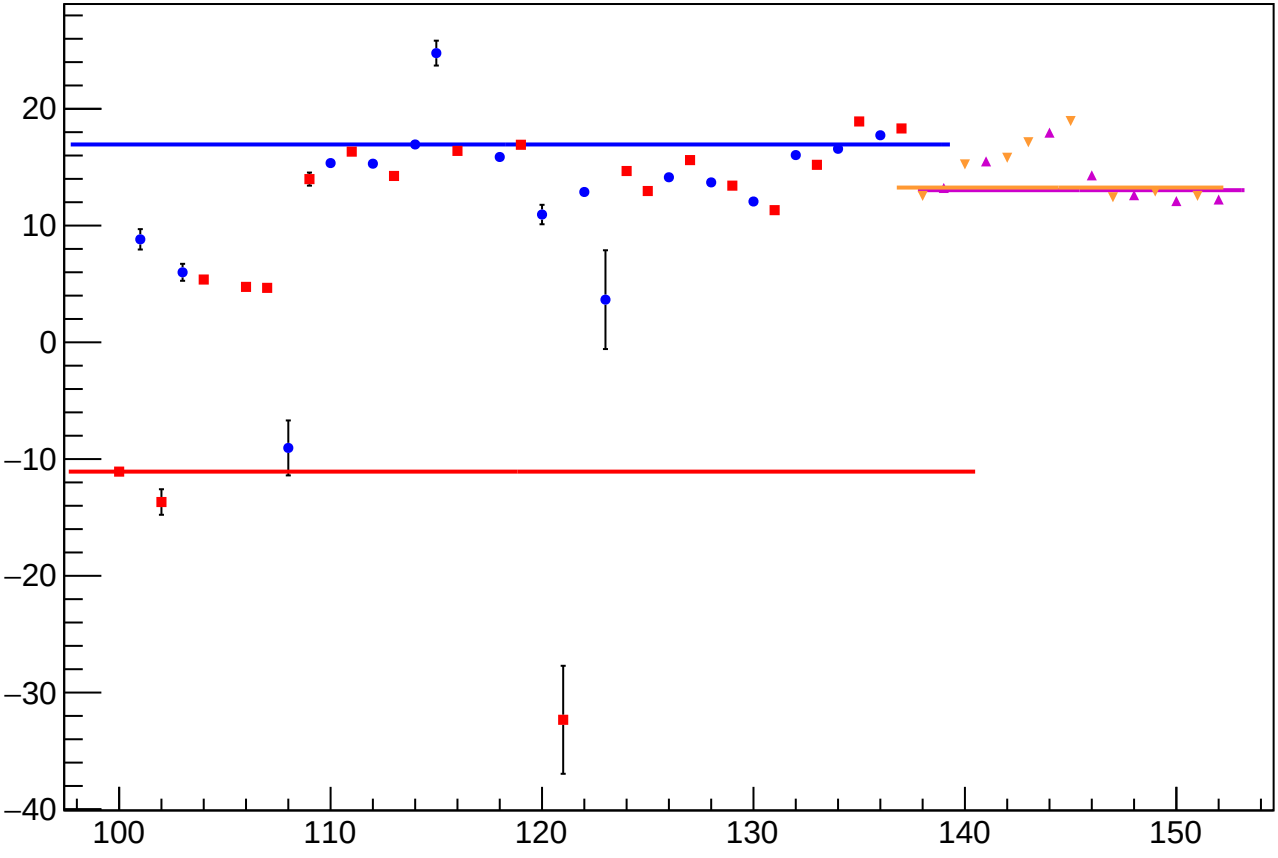
Left In: -0.262+/-0.011 χ^2/NDF:7016.2/6

+ sign -9.259+/-0.000 χ^2/NDF: 1042944.0/24

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

- sign 18.504+/-0.000 χ^2/NDF: 10061654.8/25

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 13.256+/-0.012 χ^2/NDF:12845.8/7

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

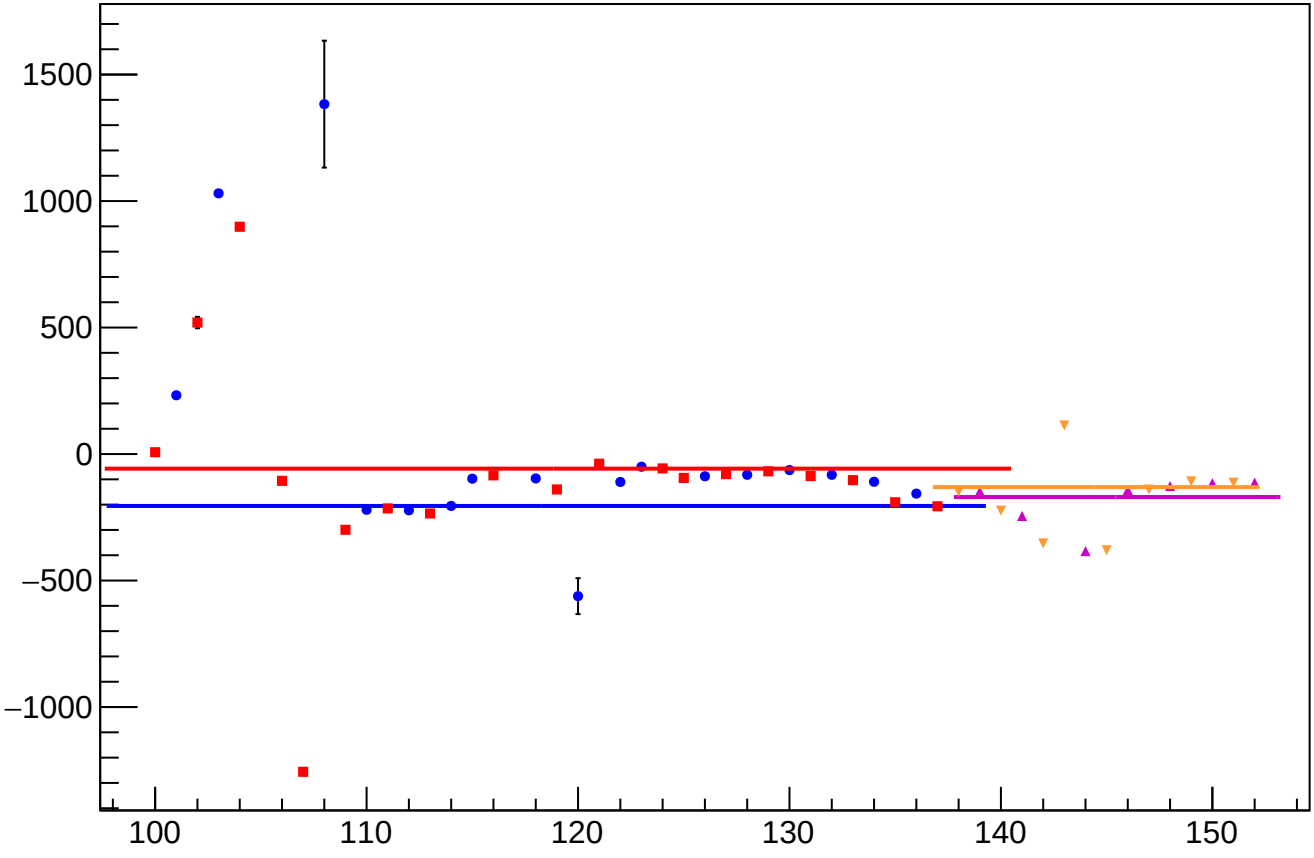
Left In: 13.031+/-0.014 χ^2/NDF:9420.4/6

+ sign 16.947+/-0.000 χ^2/NDF: 115174.3/24

All: -2.268+/-0.000 χ^2/NDF: 469252745463

- sign -11.075+/-0.000 χ^2/NDF: 5693683.5/25

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -130.696+/-0.390 χ^2/NDF:42233.0/7

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

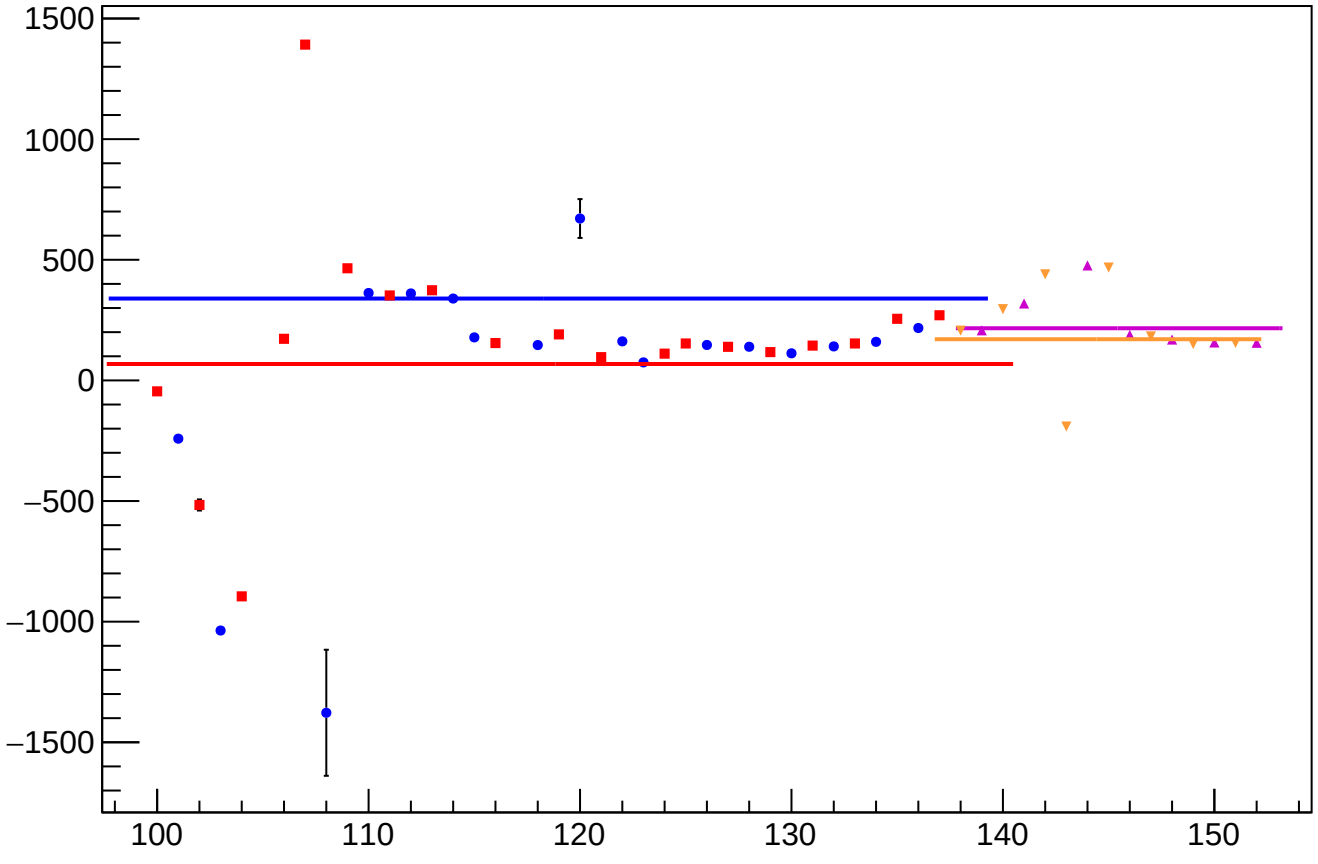
Left In: -169.758+/-0.445 χ^2/NDF:37072.0/6

+ sign -205.160+/-0.000 χ^2/NDF: 661387.3/24

All: -205.160+/-0.000 χ^2/NDF: 1090533.6/50

- sign -90.011+/-0.239 χ^2/NDF: 197052.6/25

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 170.699+/-0.397 χ^2/NDF:77708.2/7

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

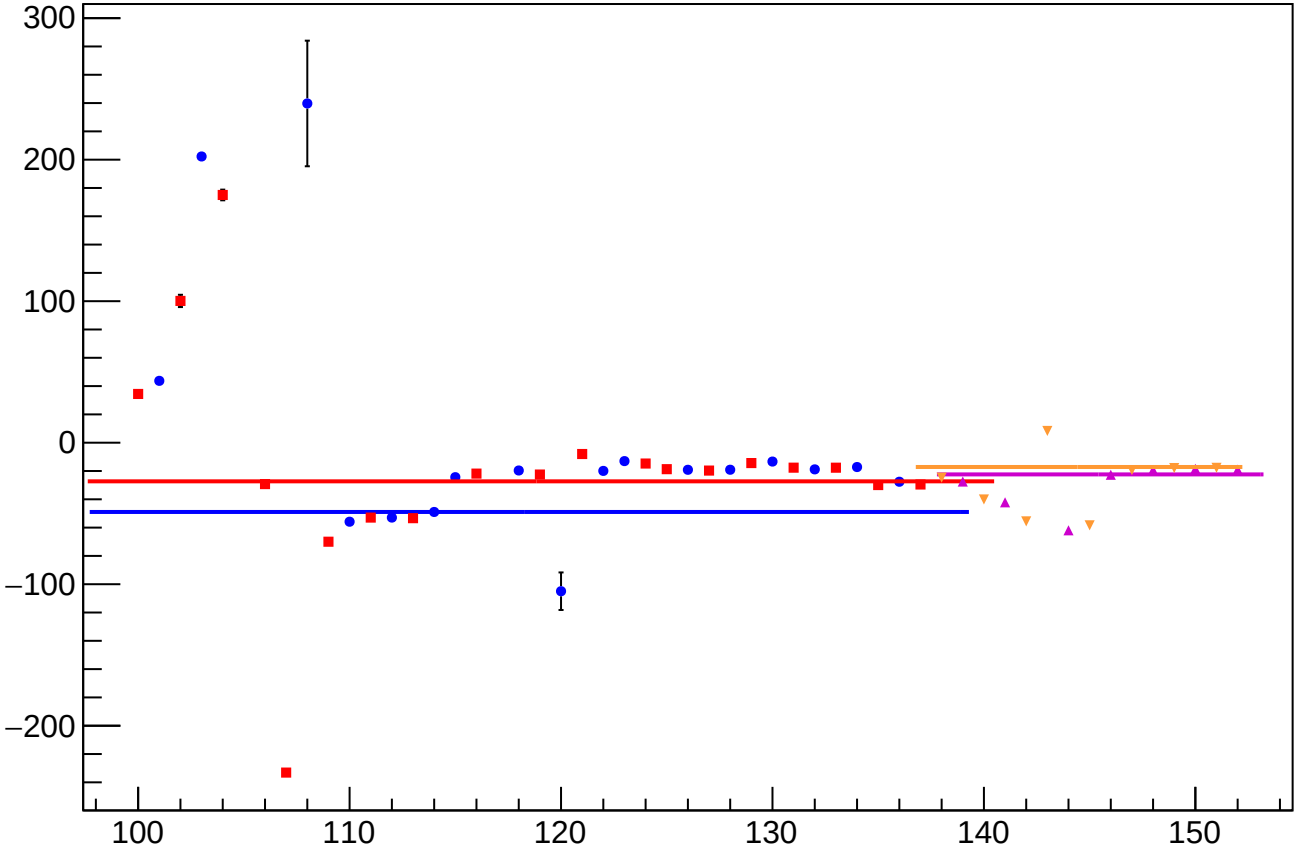
Left In: 216.185+/-0.457 χ^2/NDF:43510.9/6

+ sign 339.325+/-0.000 χ^2/NDF: 1288809.3/24

All: 339.325+/-0.000 χ^2/NDF: 2576668.2/50

- sign 109.763+/-0.242 χ^2/NDF: 391404.3/25

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -17.158+/-0.018 χ^2/NDF:528365.1/7

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

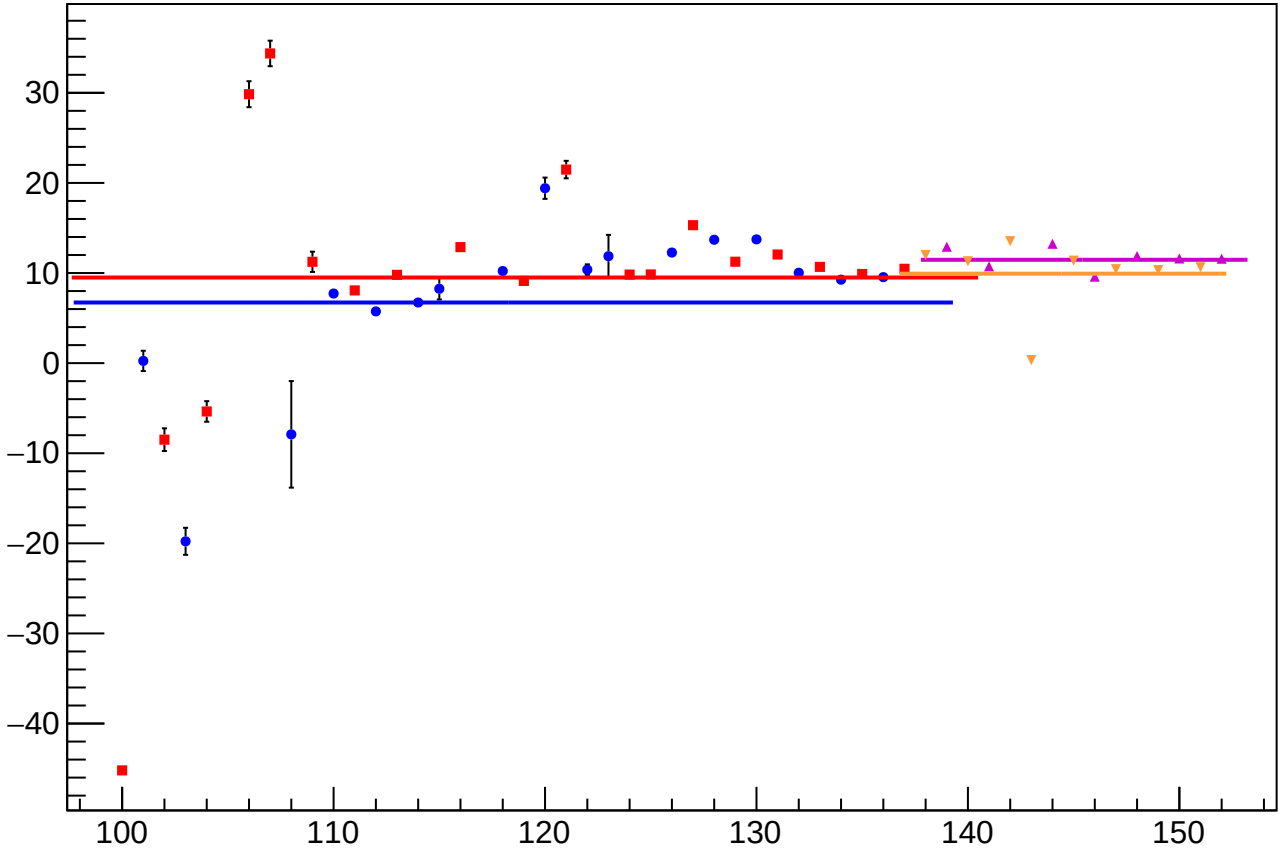
Left In: -22.402+/-0.026 χ^2/NDF:118522.8/6

+ sign -48.945+/-0.000 χ^2/NDF: 9163251.6/24

All: -48.945+/-0.000 χ^2/NDF: 10698974.4/50

- sign -23.368+/-0.023 χ^2/NDF: 293619.8/25

dit_atl1_4aY_slope vs Slug



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 9.929+/-0.026 χ^2/NDF:20675.5/7

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

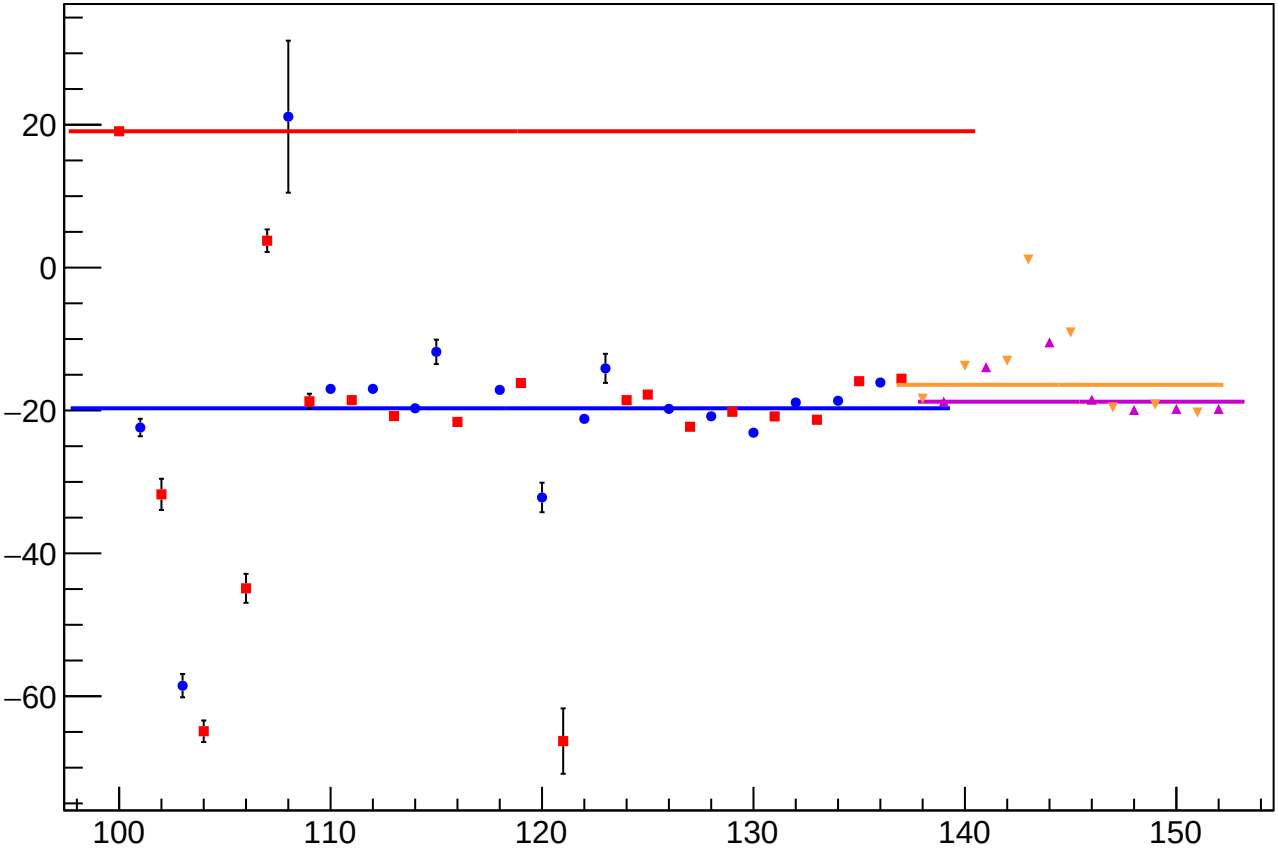
Left In: 11.471+/-0.021 χ^2/NDF:2191.3/6

+ sign 6.728+/-0.000 χ^2/NDF: 49710.0/24

All: 6.728+/-0.000 χ^2/NDF: 133870.3/50

- sign 10.948+/-0.018 χ^2/NDF: 31257.7/25

dit_atl1_4eY_slope vs Slug



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -16.409+/-0.031 χ^2/NDF:34880.9/7

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

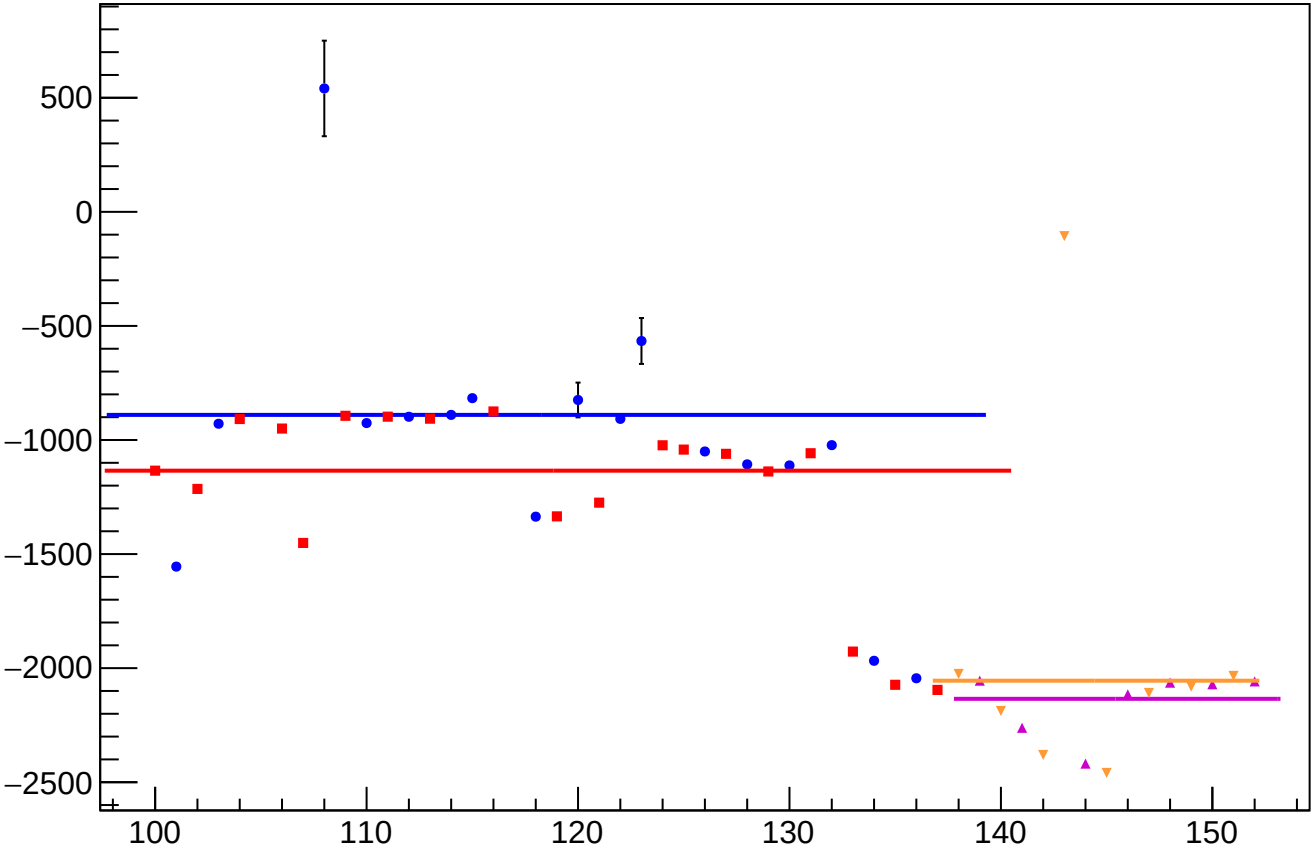
Left In: -18.770+/-0.028 χ^2/NDF:5384.4/6

+ sign -19.693+/-0.000 χ^2/NDF: 53952.9/24

All: -6.006+/-0.000 χ^2/NDF: 462563773129

- sign 19.086+/-0.000 χ^2/NDF: 2413849.5/25

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -2054.967+/-0.711 χ^2/NDF:255649.3/7

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

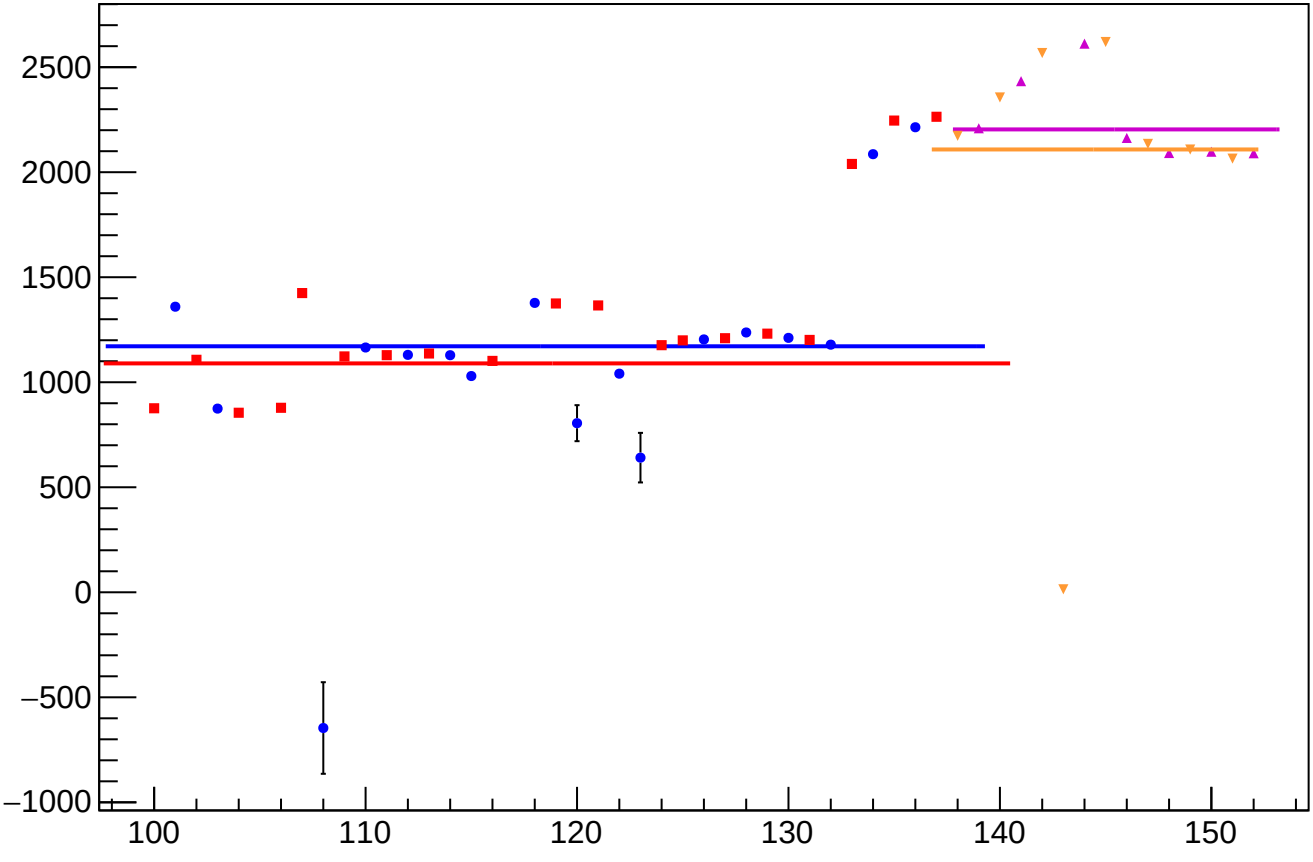
Left In: -2134.462+/-0.702 χ^2/NDF:30924.0/6

+ sign -889.928+/-0.000 χ^2/NDF: 3717768.9/24

All: -976.220+/-0.000 χ^2/NDF: 4488978738

- sign -1134.421+/-0.000 χ^2/NDF: 2793034.0/25

dit_atl2_4eX_slope vs Slug



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2108.287+/-0.705 χ^2/NDF:297387.3/7

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

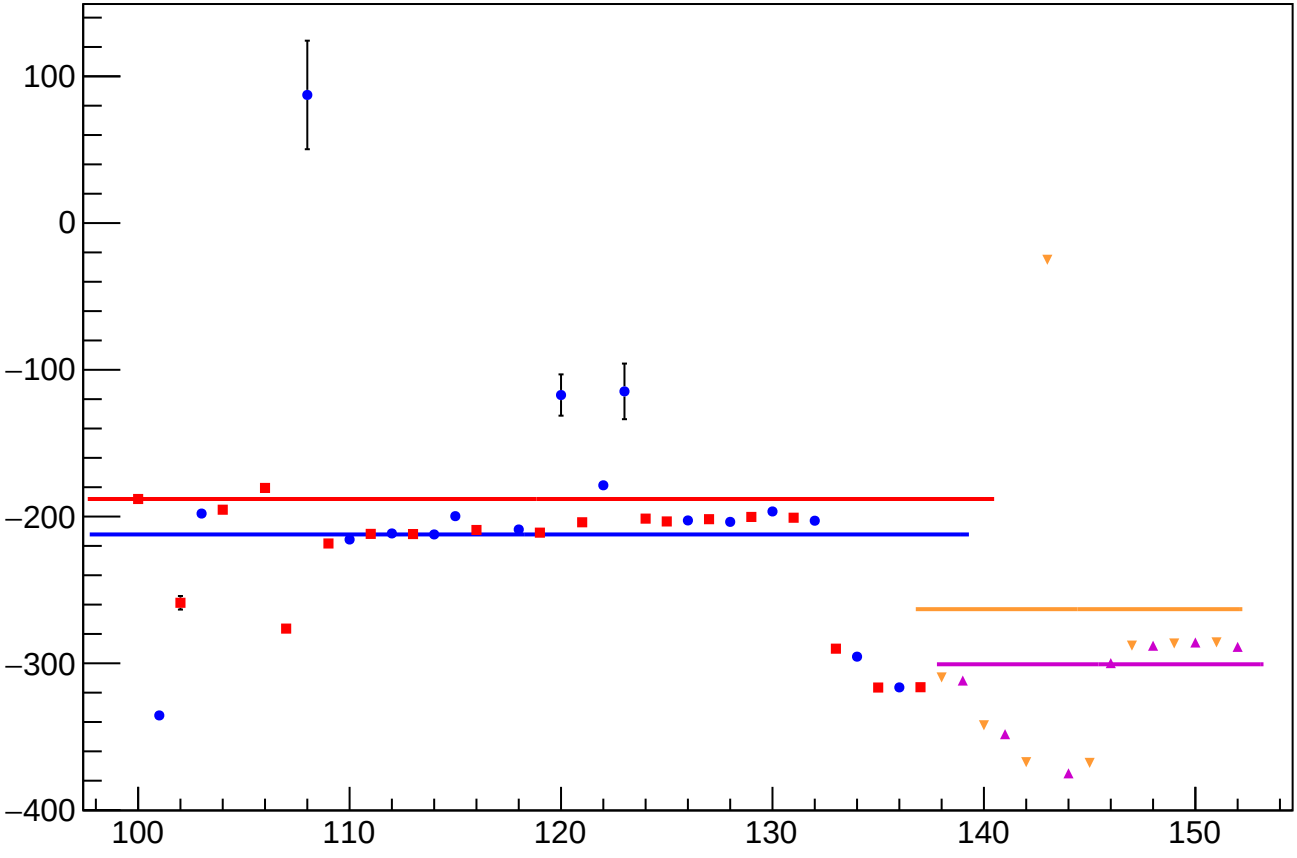
Left In: 2203.720+/-0.724 χ^2/NDF:54488.1/6

+ sign 1272.357+/-0.232 χ^2/NDF: 2381007.8/24

All: 1242.788+/-0.166 χ^2/NDF: 5677978.6/50

- sign 1211.283+/-0.239 χ^2/NDF: 3263346.7/25

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -263.109+/-0.039 χ^2/NDF:5383350.8/7

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

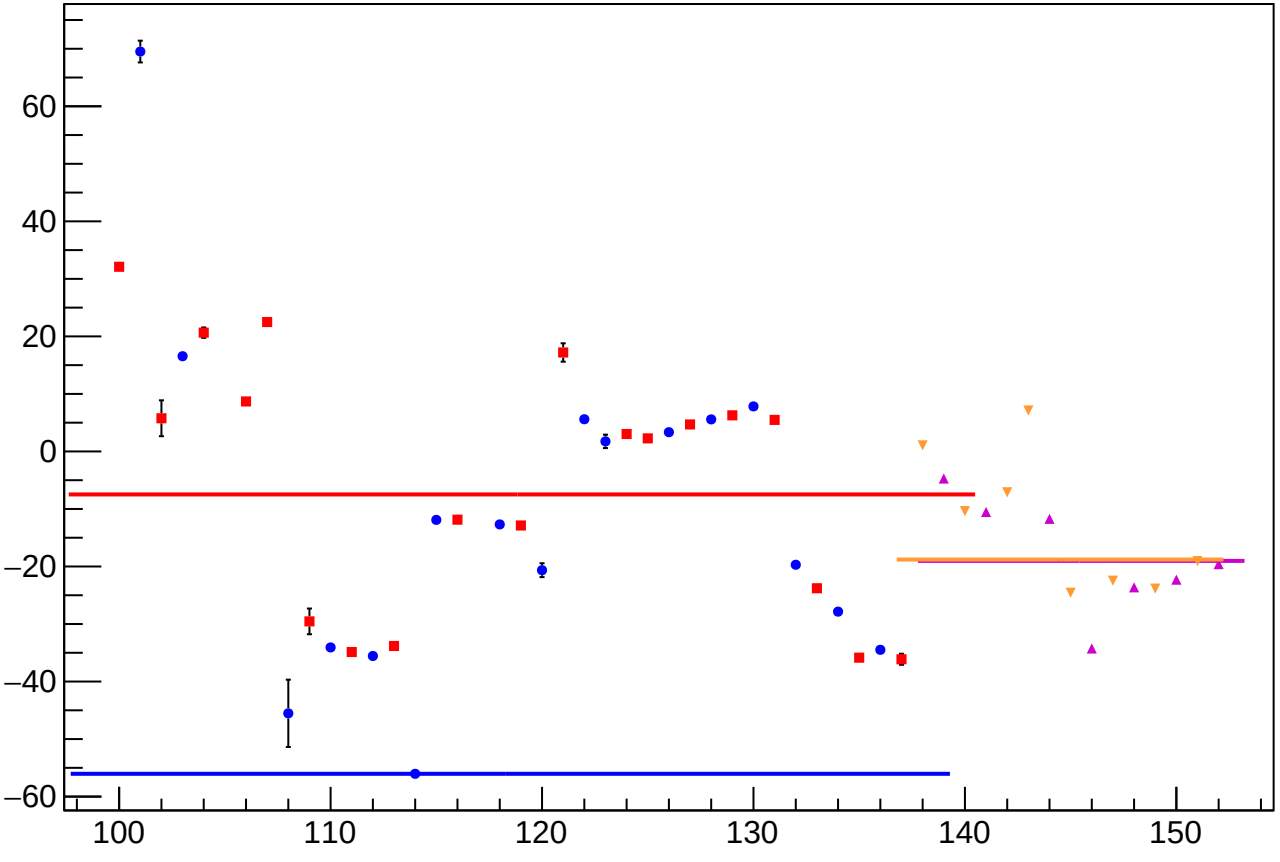
Left In: -300.668+/-0.049 χ^2/NDF:269680.3/6

+ sign -212.190+/-0.000 χ^2/NDF: 8245327.3/24

All: -195.625+/-0.000 χ^2/NDF: 1362230362

- sign -188.033+/-0.000 χ^2/NDF: 6162835.5/25

dit_atl2_4aY_slope vs Slug



Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -18.793+/-0.042 χ^2/NDF:41562.8/7

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

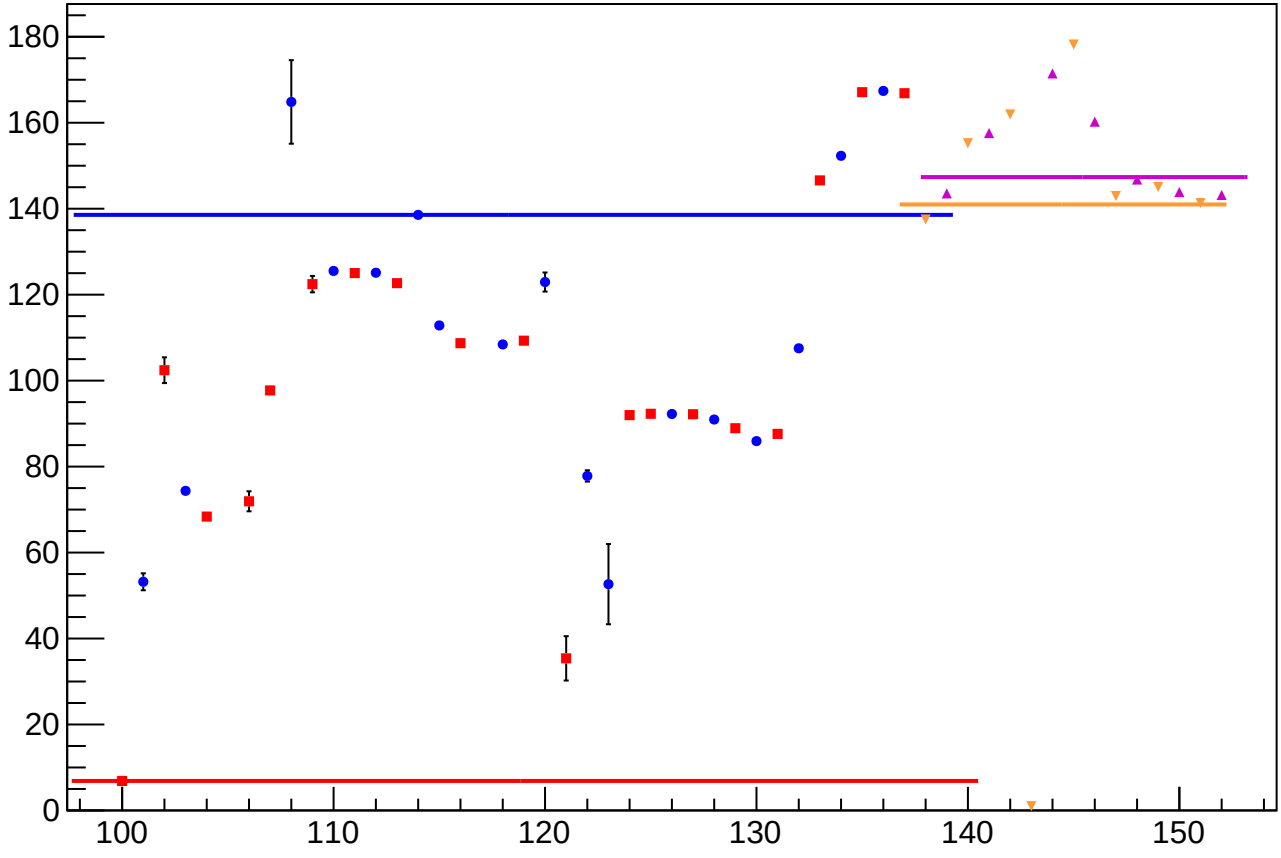
Left In: -19.025+/-0.039 χ^2/NDF:24919.8/6

+ sign -56.037+/-0.000 χ^2/NDF: 2423279.7/24

All: -56.037+/-0.000 χ^2/NDF: 4848083.2/50

- sign -13.701+/-0.029 χ^2/NDF: 239226.4/25

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 140.987+/-0.045 χ^2/NDF:301366.6/7

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

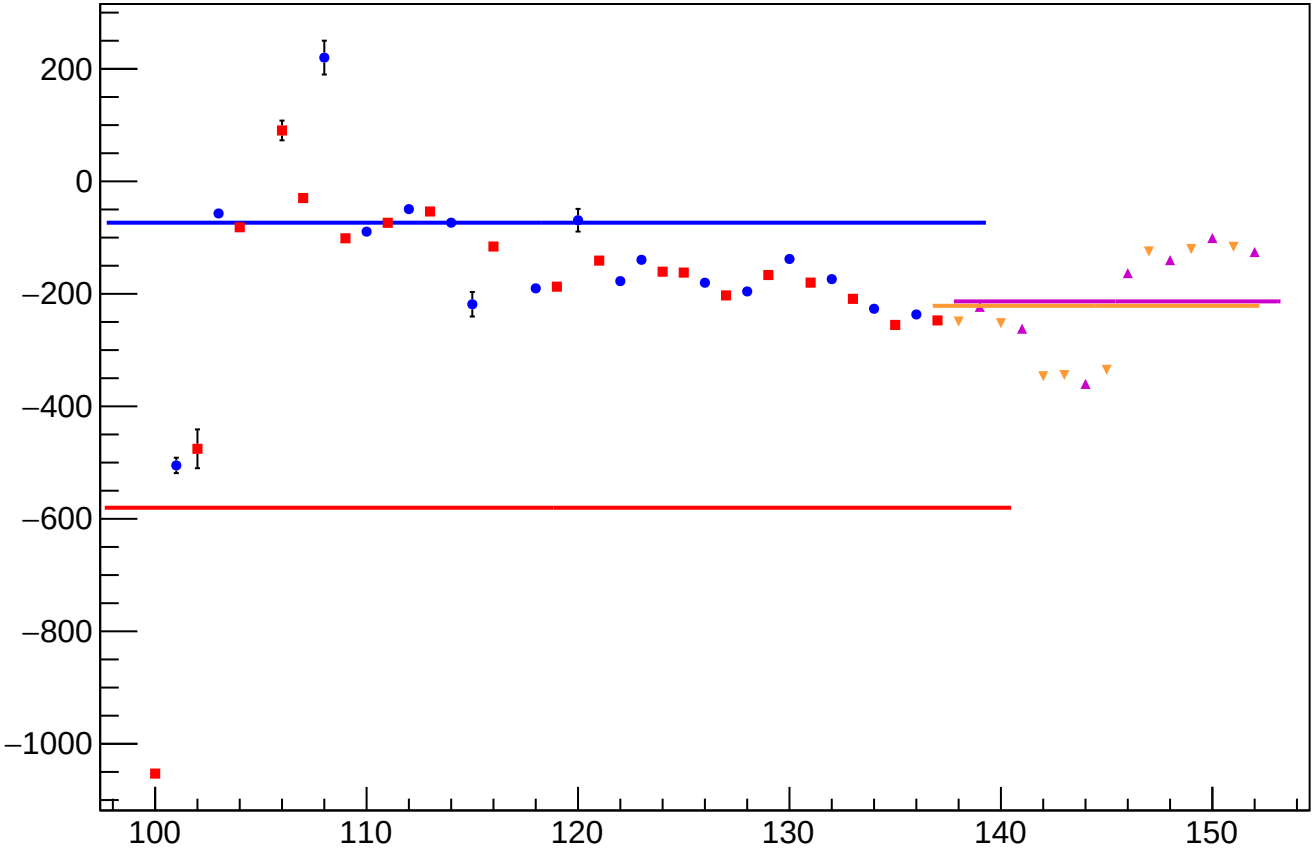
Left In: 147.355+/-0.047 χ^2/NDF:17987.1/6

+ sign 138.565+/-0.000 χ^2/NDF: 1205366.4/24

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

- sign 6.866+/-0.000 χ^2/NDF: 16947966.1/25

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -221.302+/-0.388 χ^2/NDF:47822.2/7

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

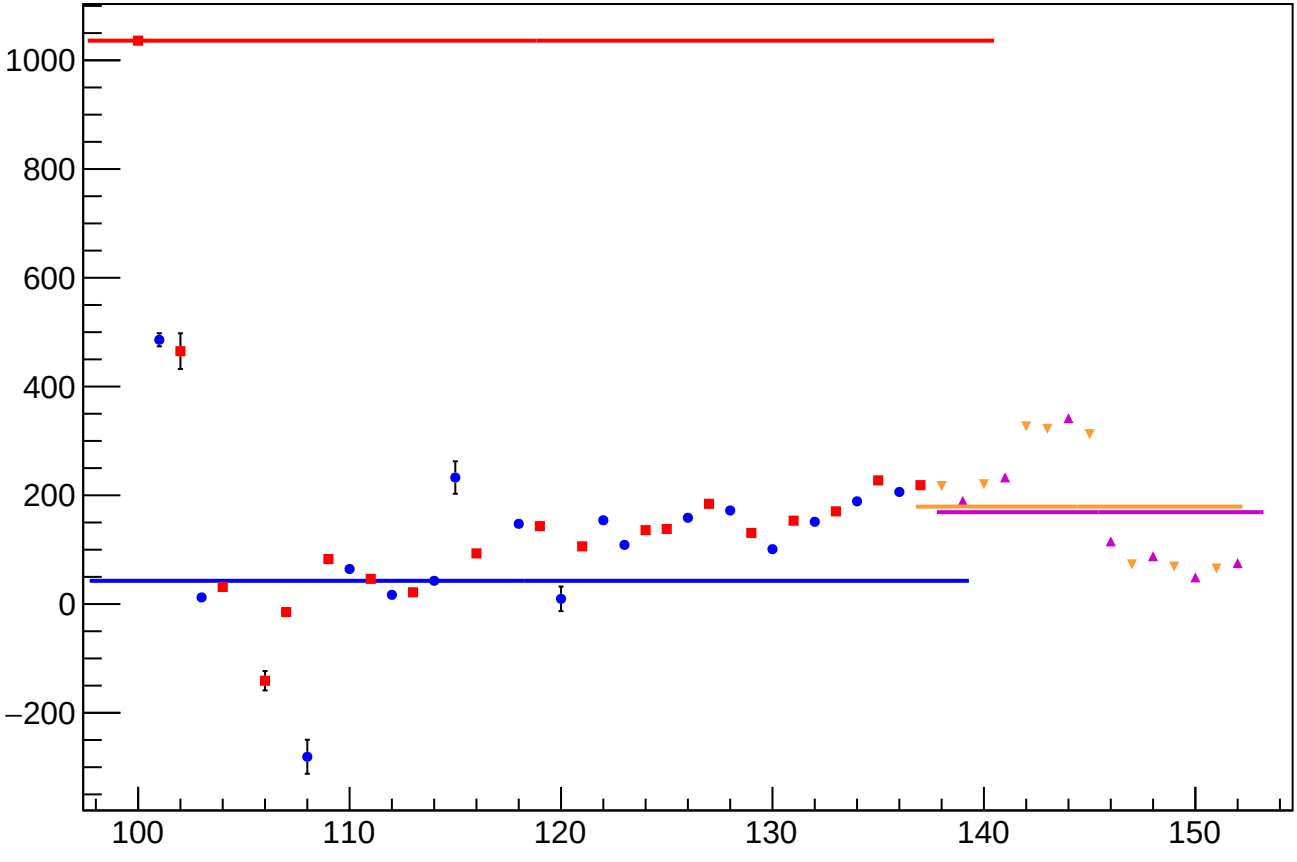
Left In: -213.430+/-0.413 χ^2/NDF:45174.9/6

+ sign -73.485+/-0.000 χ^2/NDF: 291590.1/24

All: -73.485+/-0.000 χ^2/NDF: 7254782.9/50

- sign -475.730+/-0.221 χ^2/NDF: 3639945.3/25

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 179.176+/-0.398 χ^2/NDF:59416.9/7

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

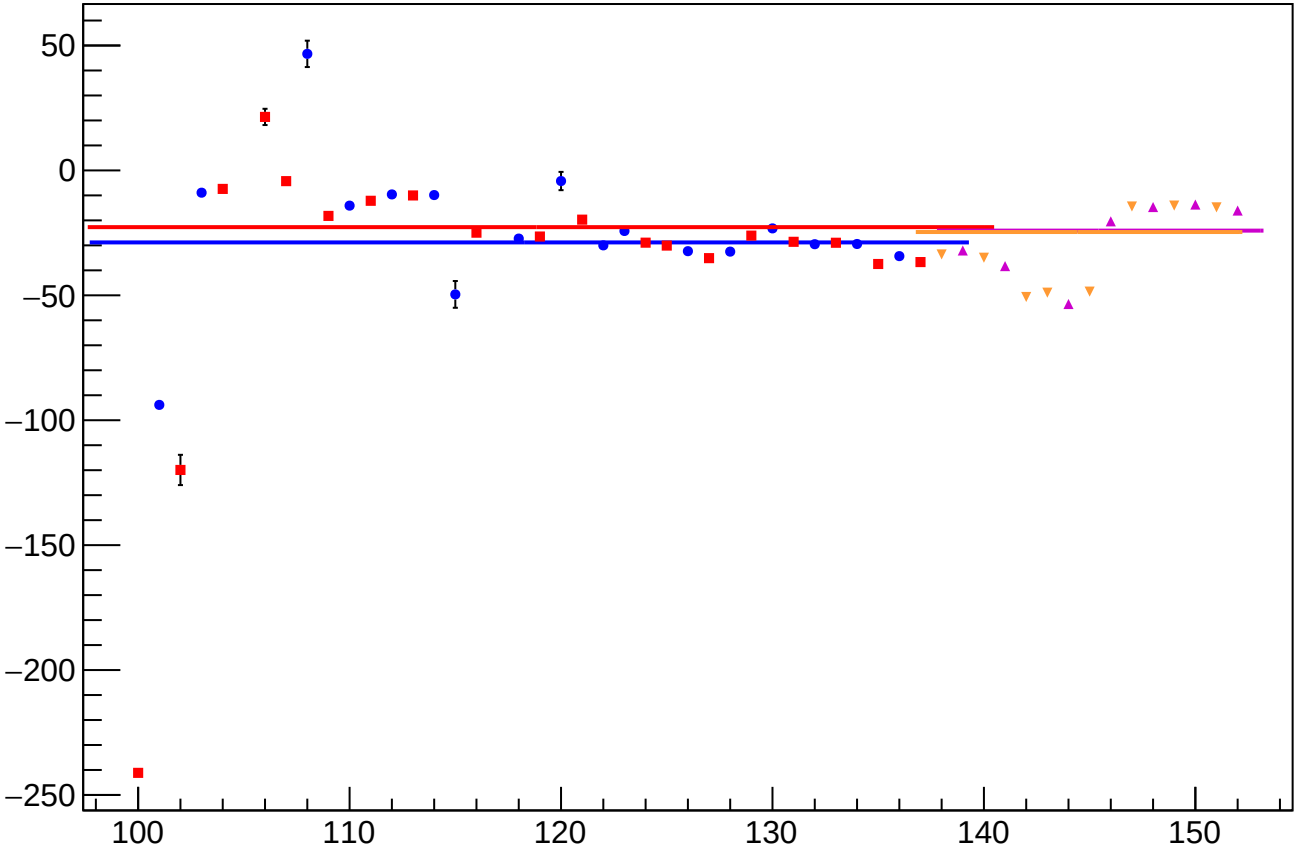
Left In: 168.981+/-0.426 χ^2/NDF:53340.4/6

+ sign 42.743+/-0.000 χ^2/NDF: 261757.4/24

All: 43.272+/-0.000 χ^2/NDF: 114451749726

- sign 1036.068+/-0.000 χ^2/NDF: 9135703.4/25

dit_atr1_11X12X_slope vs Slug



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -24.660+/-0.022 χ^2/NDF:287279.9/7

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

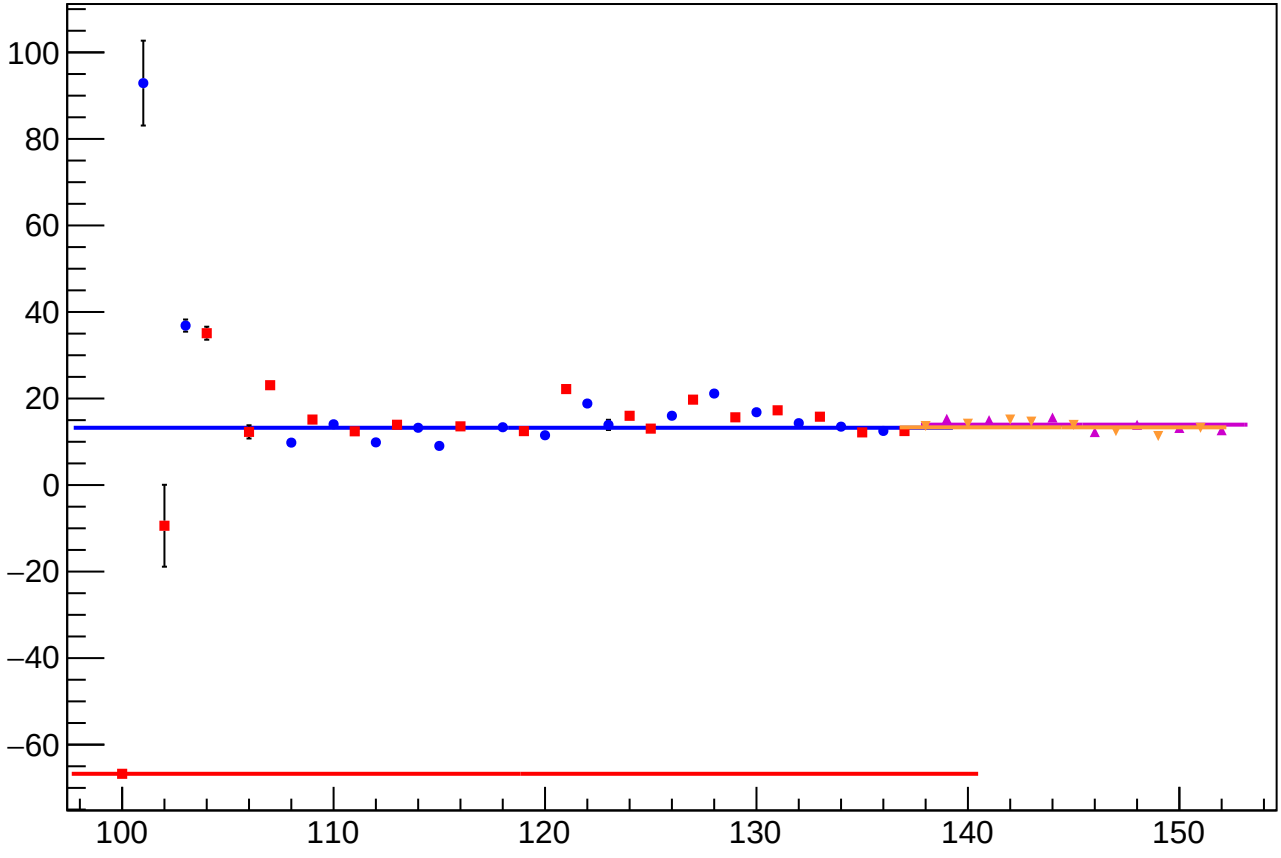
Left In: -24.099+/-0.028 χ^2/NDF:157331.0/6

+ sign -25.845+/-0.019 χ^2/NDF: 347051.4/24

All: -24.950+/-0.014 χ^2/NDF: 921259.3/50

- sign -23.602+/-0.023 χ^2/NDF: 568365.3/25

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.338+/-0.025 χ^2/NDF:2267.9/7

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

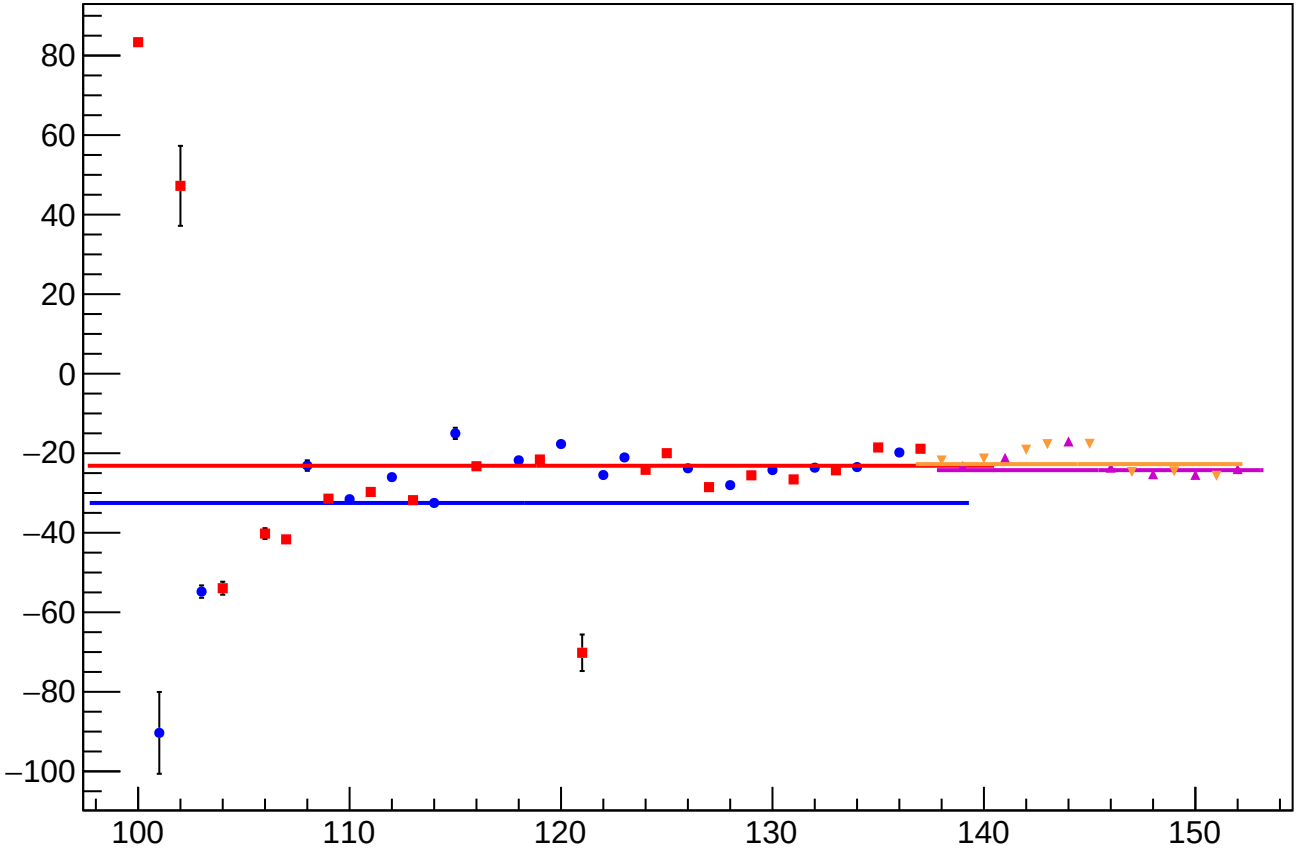
Left In: 13.957+/-0.024 χ^2/NDF:2639.9/6

+ sign 13.238+/-0.000 χ^2/NDF: 8040.6/24

All: 12.562+/-0.000 χ^2/NDF: 188431002765

- sign -66.739+/-0.000 χ^2/NDF: 14748537.3/25

dit_atr1_4eY_slope vs Slug



Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -22.741+/-0.028 χ^2/NDF:10839.6/7

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

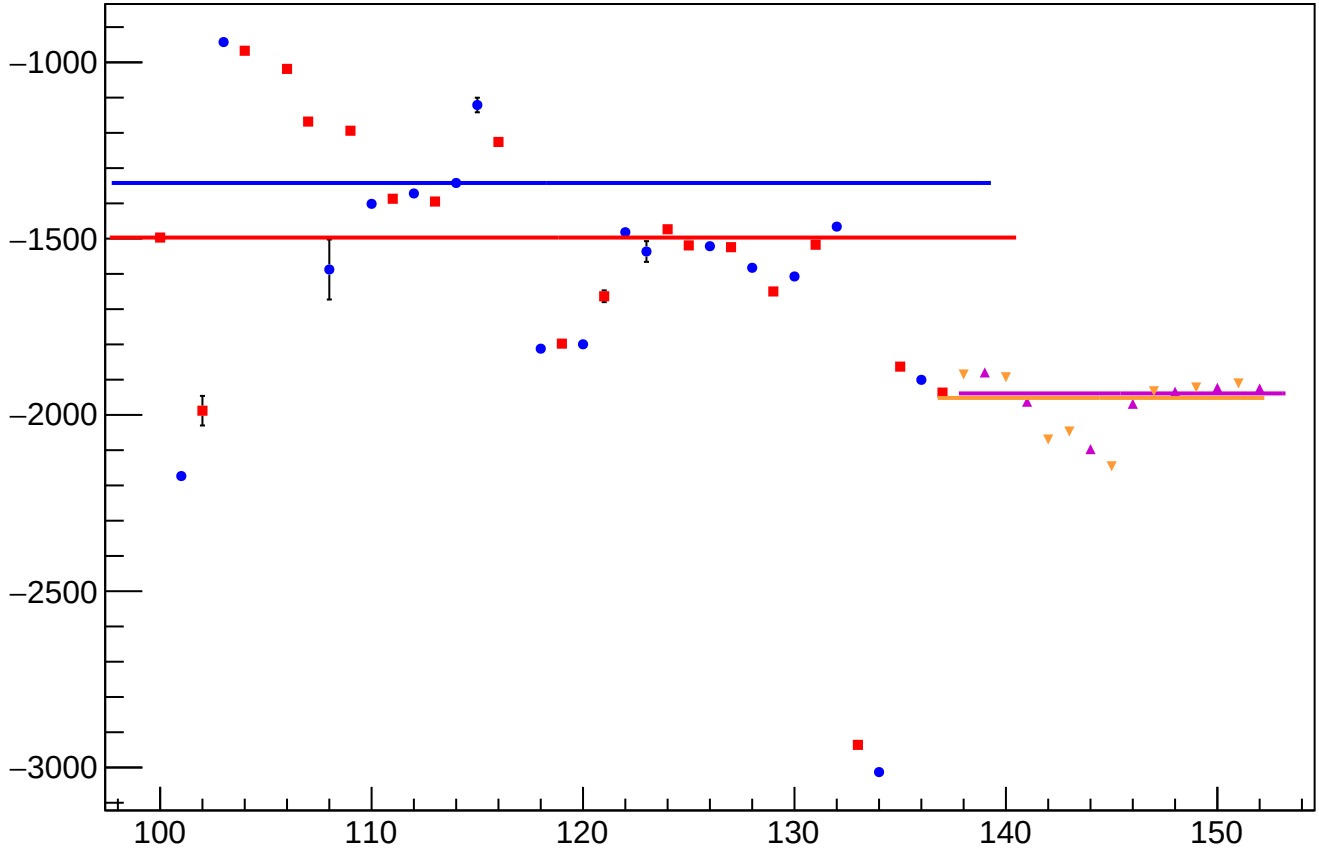
Left In: -24.258+/-0.027 χ^2/NDF:5262.5/6

+ sign -32.504+/-0.000 χ^2/NDF: 210557.8/24

All: -32.504+/-0.000 χ^2/NDF: 438072.2/50

- sign -23.988+/-0.024 χ^2/NDF: 96420.4/25

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1951.793+/-0.616 χ^2/NDF:13564.2/7

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

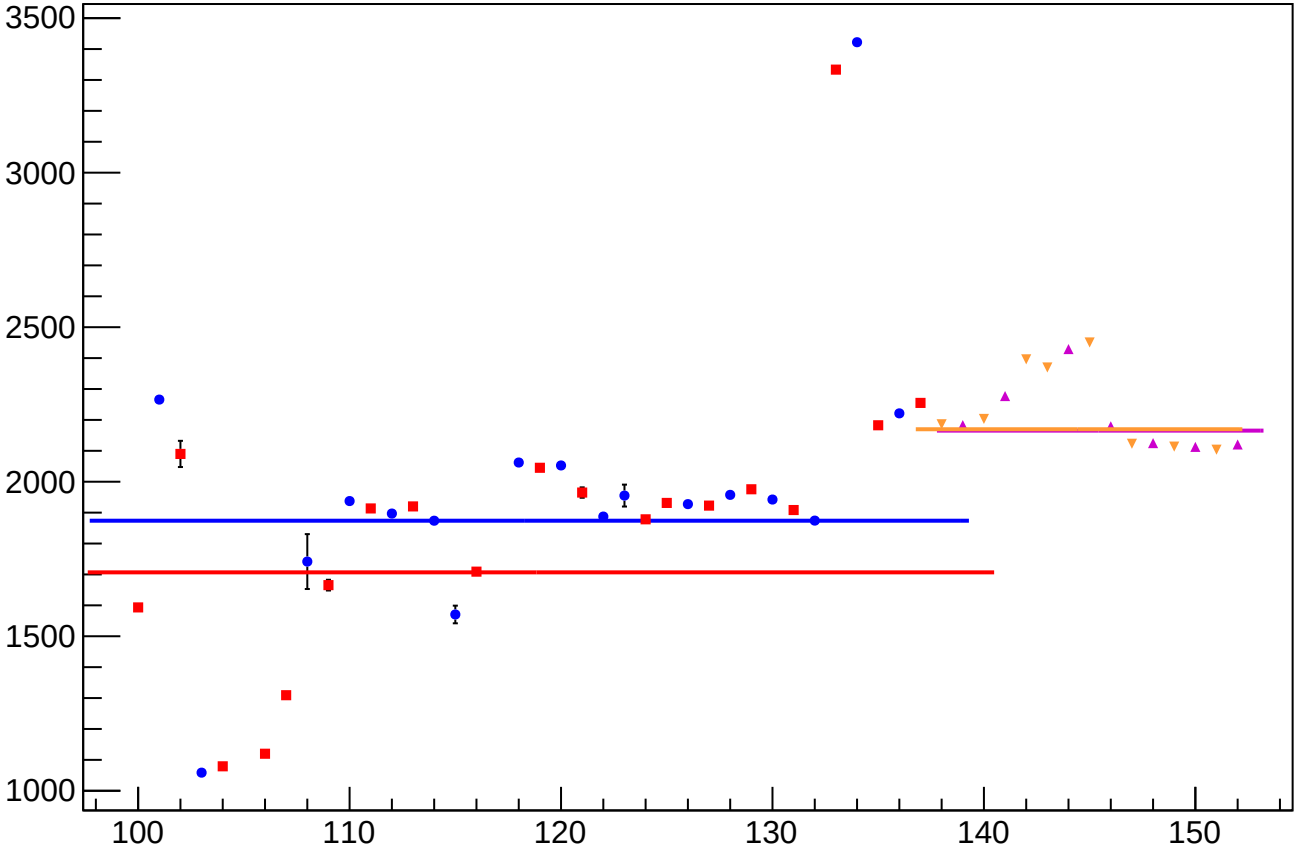
Left In: -1939.017+/-0.439 χ^2/NDF:13656.7/6

+ sign -1342.107+/-0.000 χ^2/NDF: 1363804.8/24

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

- sign -1496.932+/-0.000 χ^2/NDF: 1533577.2/25

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2169.788+/-0.625 χ^2/NDF:26982.0/7

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

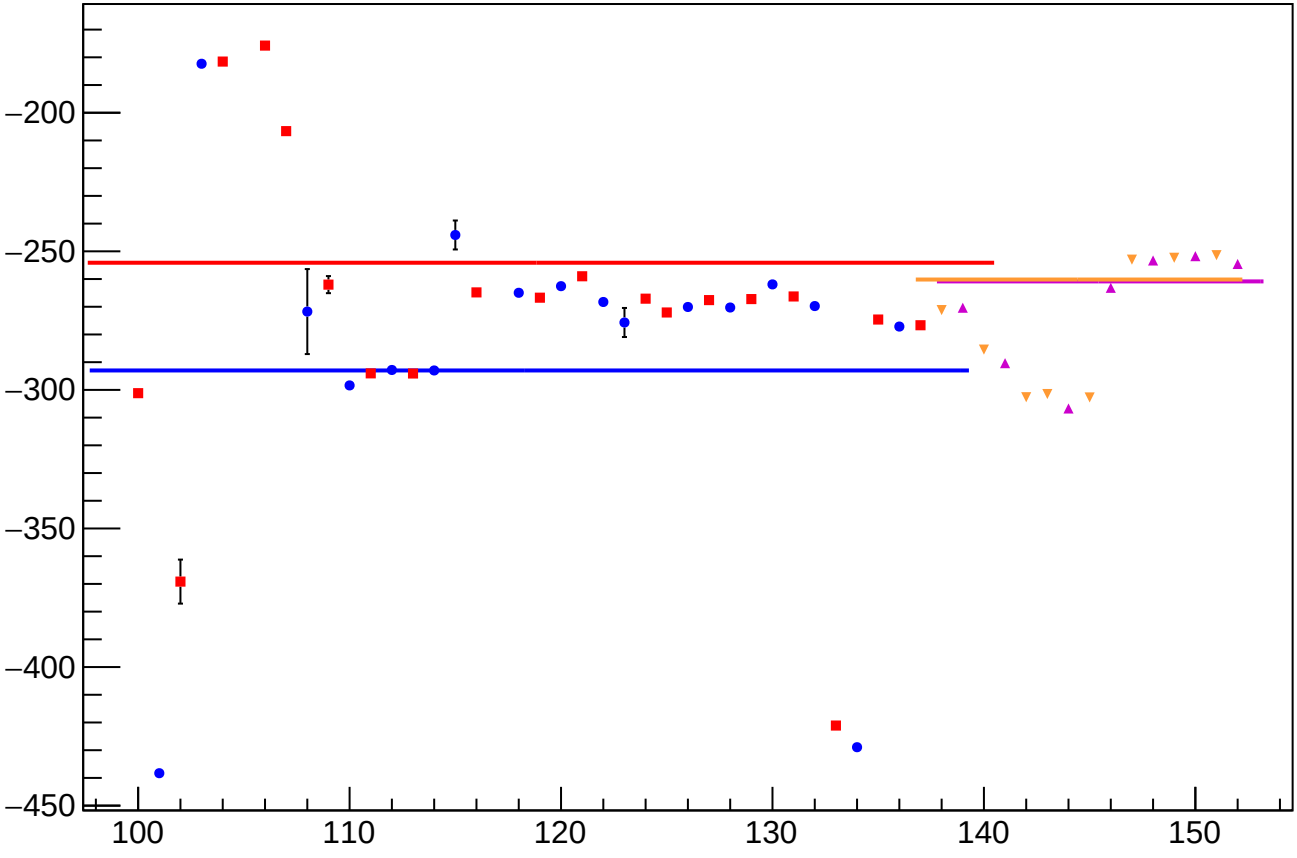
Left In: 2165.368+/-0.443 χ^2/NDF:35269.3/6

+ sign 1873.852+/-0.000 χ^2/NDF: 452403.8/24

All: 1873.852+/-0.000 χ^2/NDF: 2064610.8/50

- sign 1852.642+/-0.250 χ^2/NDF: 1604992.2/25

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -260.177+/-0.036 χ^2/NDF:189285.0/7

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

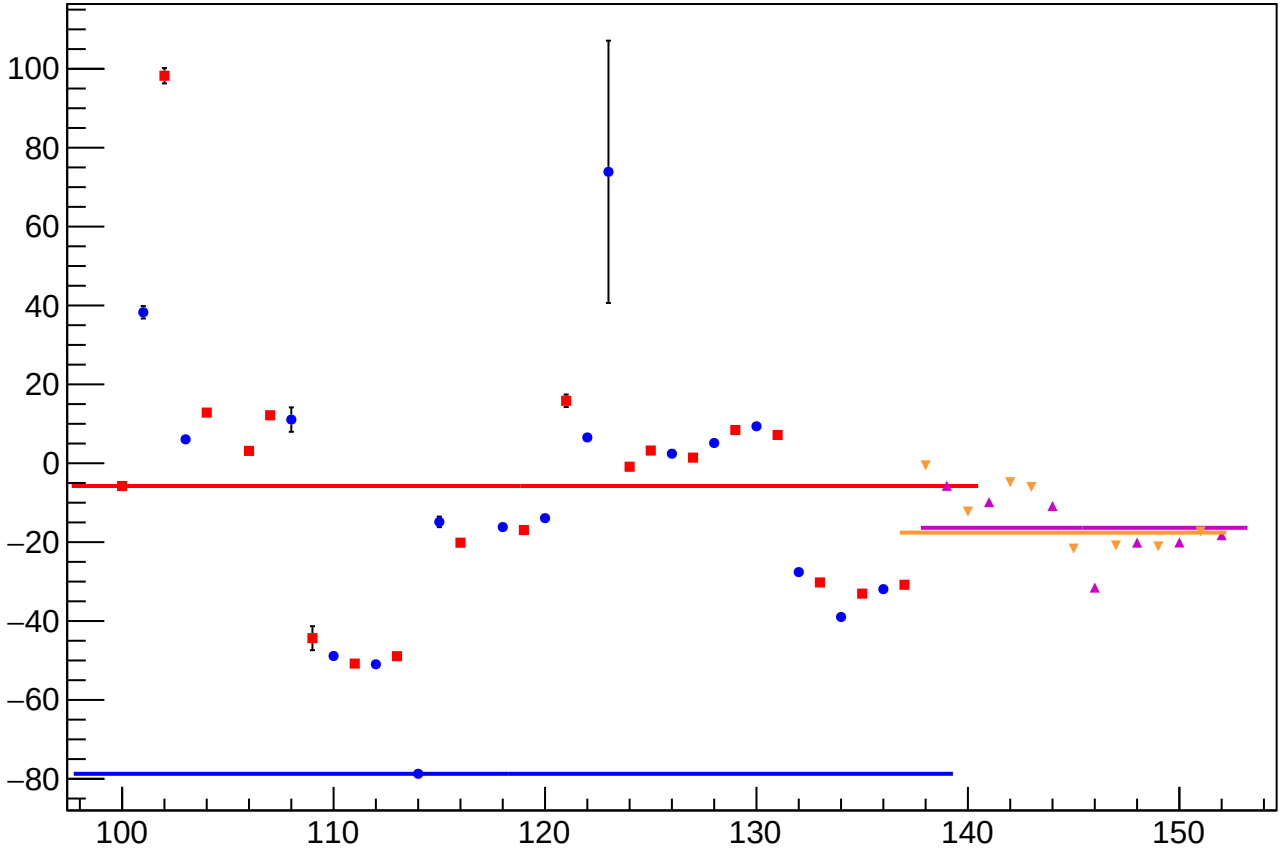
Left In: -260.854+/-0.031 χ^2/NDF:229383.3/6

+ sign -292.986+/-0.000 χ^2/NDF: 2025810.3/24

All: -292.986+/-0.000 χ^2/NDF: 4241927.3/50

- sign -259.370+/-0.028 χ^2/NDF: 742202.8/25

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -17.581+/-0.038 χ^2/NDF:17941.6/7

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

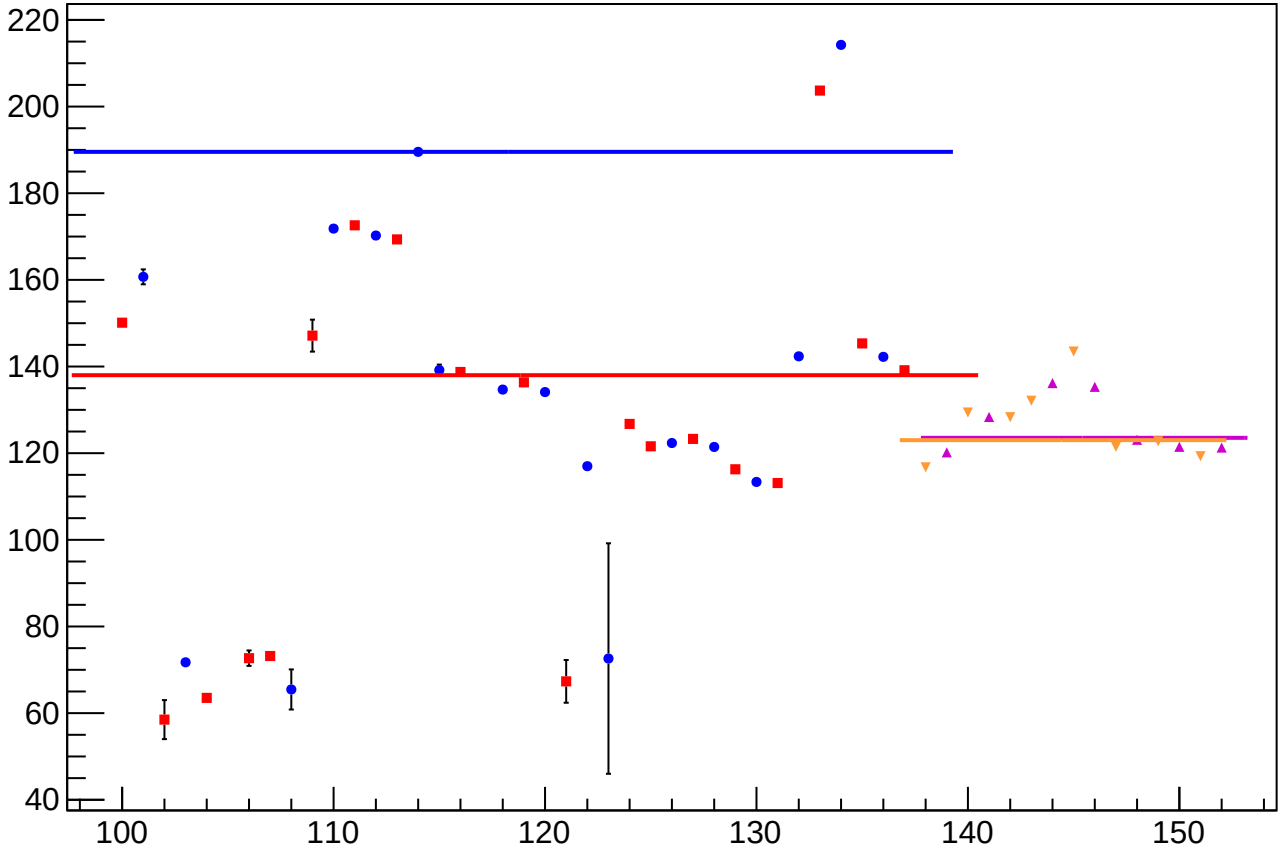
Left In: -16.364+/-0.035 χ^2/NDF:25829.2/6

+ sign -78.728+/-0.000 χ^2/NDF: 3945848.6/24

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

- sign -5.769+/-0.000 χ^2/NDF: 231018.1/25

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 123.005+/-0.044 χ^2/NDF:9095.3/7

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

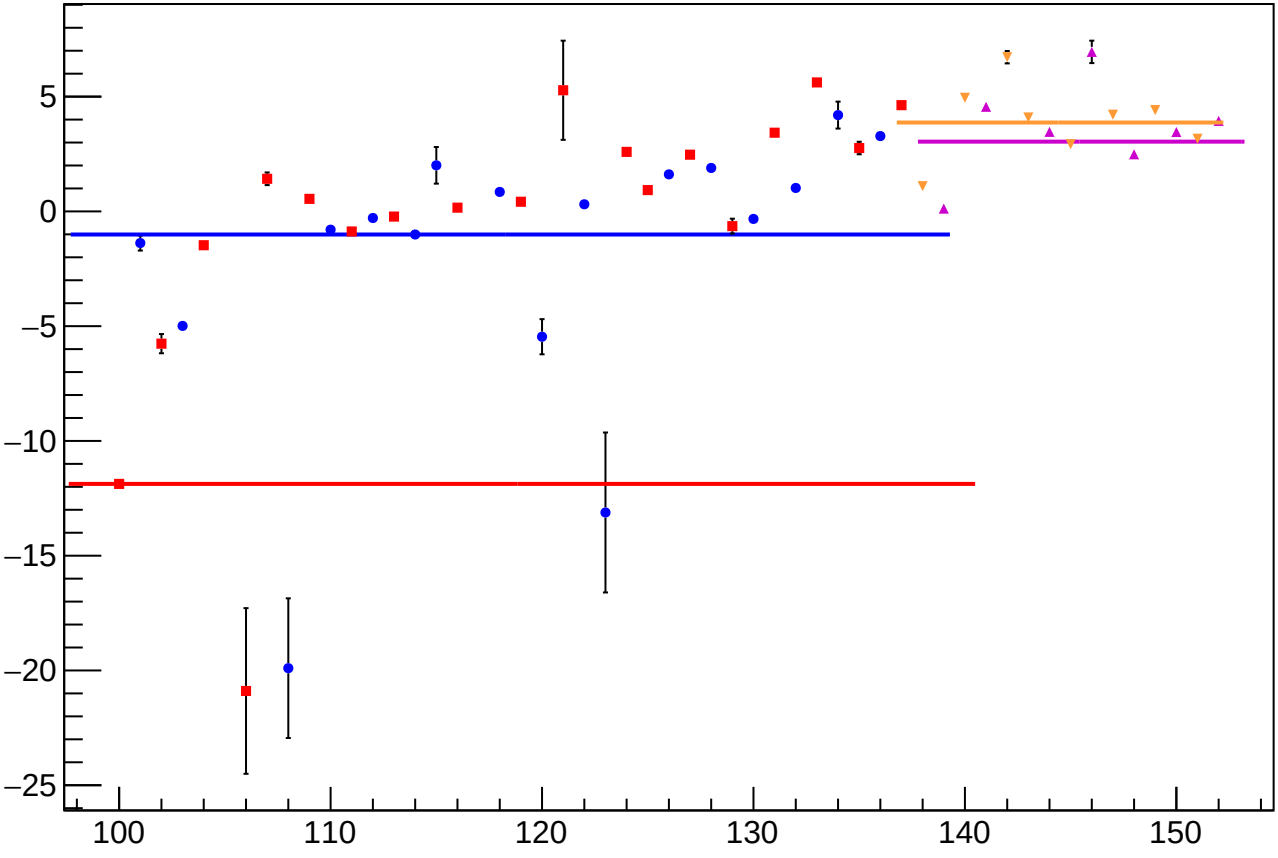
Left In: 123.547+/-0.040 χ^2/NDF:9141.5/6

+ sign 189.551+/-0.000 χ^2/NDF: 3258759.4/24

All: 189.551+/-0.000 χ^2/NDF: 6821374.8/50

- sign 128.148+/-0.033 χ^2/NDF: 167327.1/25

dit_sam1_4aX_slope vs Slug



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 3.872+/-0.038 χ^2/NDF:617.9/7

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

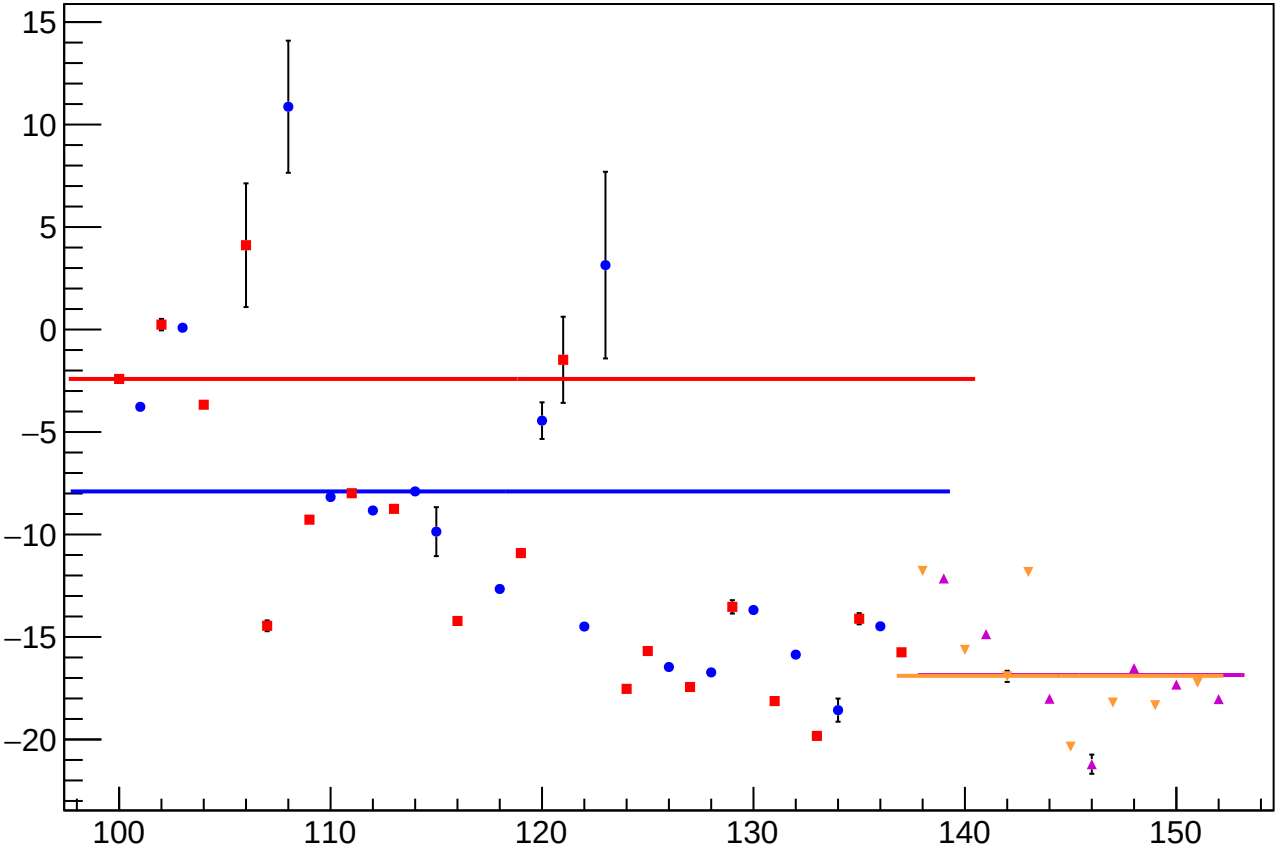
Left In: 3.039+/-0.027 χ^2/NDF:2644.5/6

+ sign -1.007+/-0.000 χ^2/NDF: 23995.5/24

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

- sign -11.872+/-0.000 χ^2/NDF: 821767.6/25

dit_sam1_4eX_slope vs Slug



Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -16.896+/-0.038 χ^2/NDF:3832.9/7

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

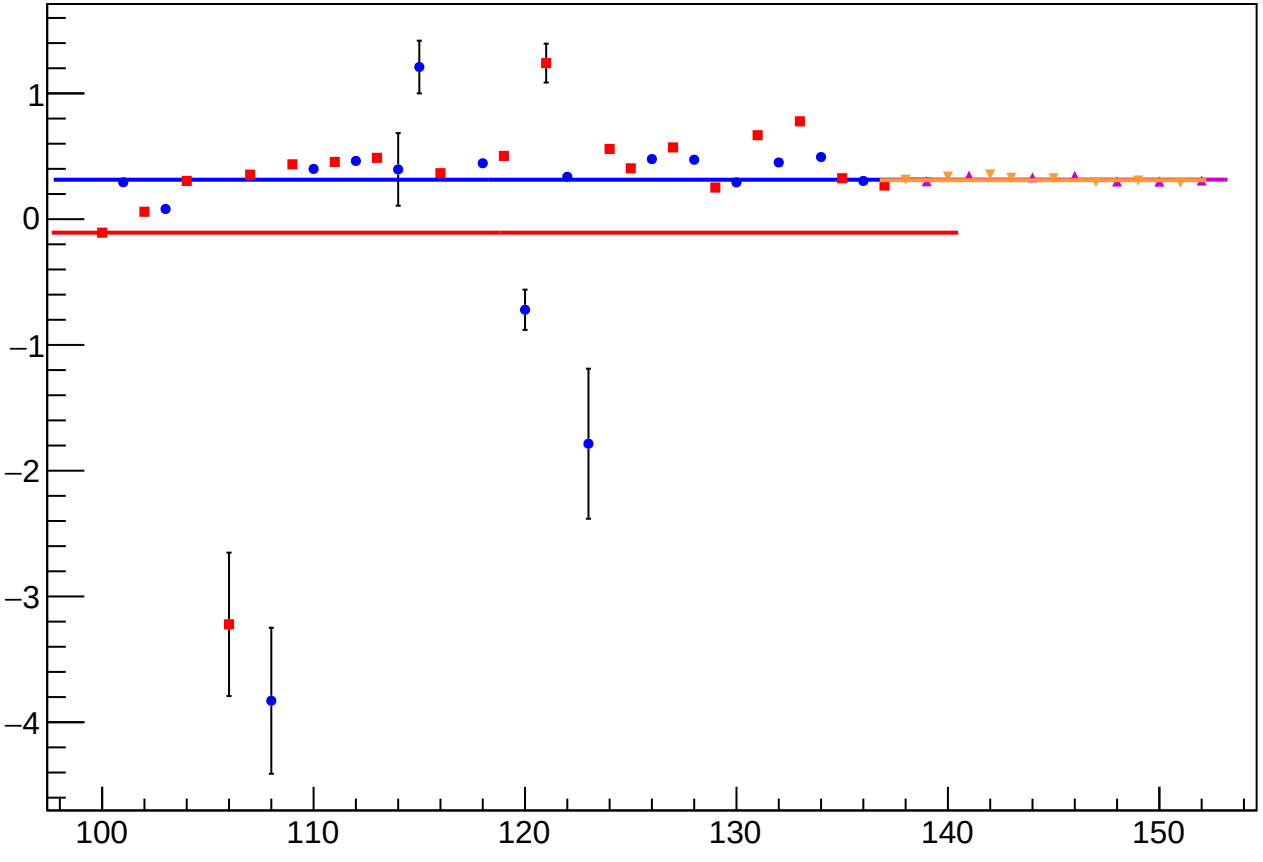
Left In: -16.855+/-0.029 χ^2/NDF:2656.4/6

+ sign -7.899+/-0.000 χ^2/NDF: 100096.2/24

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

- sign -2.410+/-0.000 χ^2/NDF: 449116.8/25

dit_sam1_11X12X_slope vs Slug



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.310+/-0.000 χ^2/NDF:1656.7/7

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

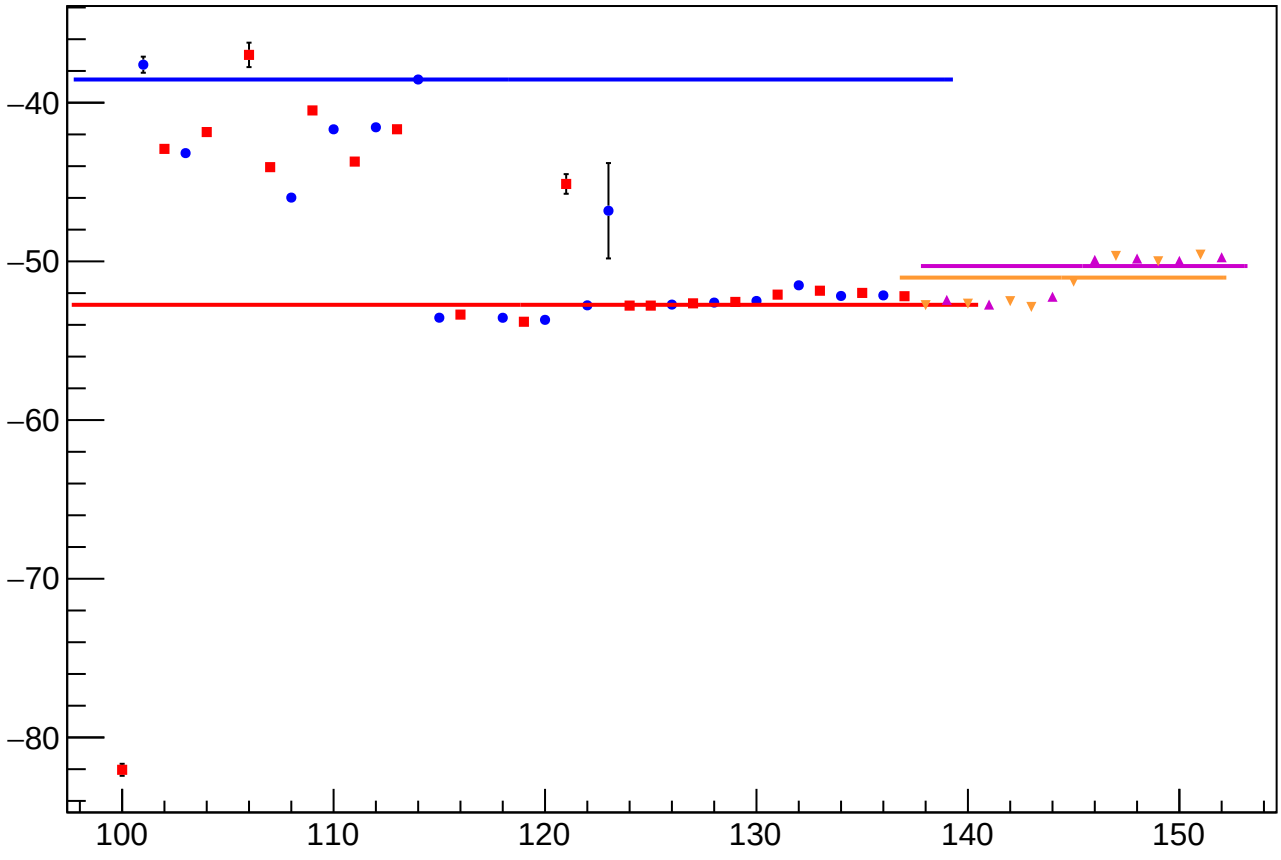
Left In: 0.314+/-0.000 χ^2/NDF:1438.7/6

+ sign 0.310+/-0.000 χ^2/NDF: 4418.7/24

All: -0.107+/-0.000 χ^2/NDF: 2241633.9/50

- sign -0.107+/-0.000 χ^2/NDF: 1171955.4/25

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -51.022+/-0.003 χ^2/NDF:185311.6/7

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

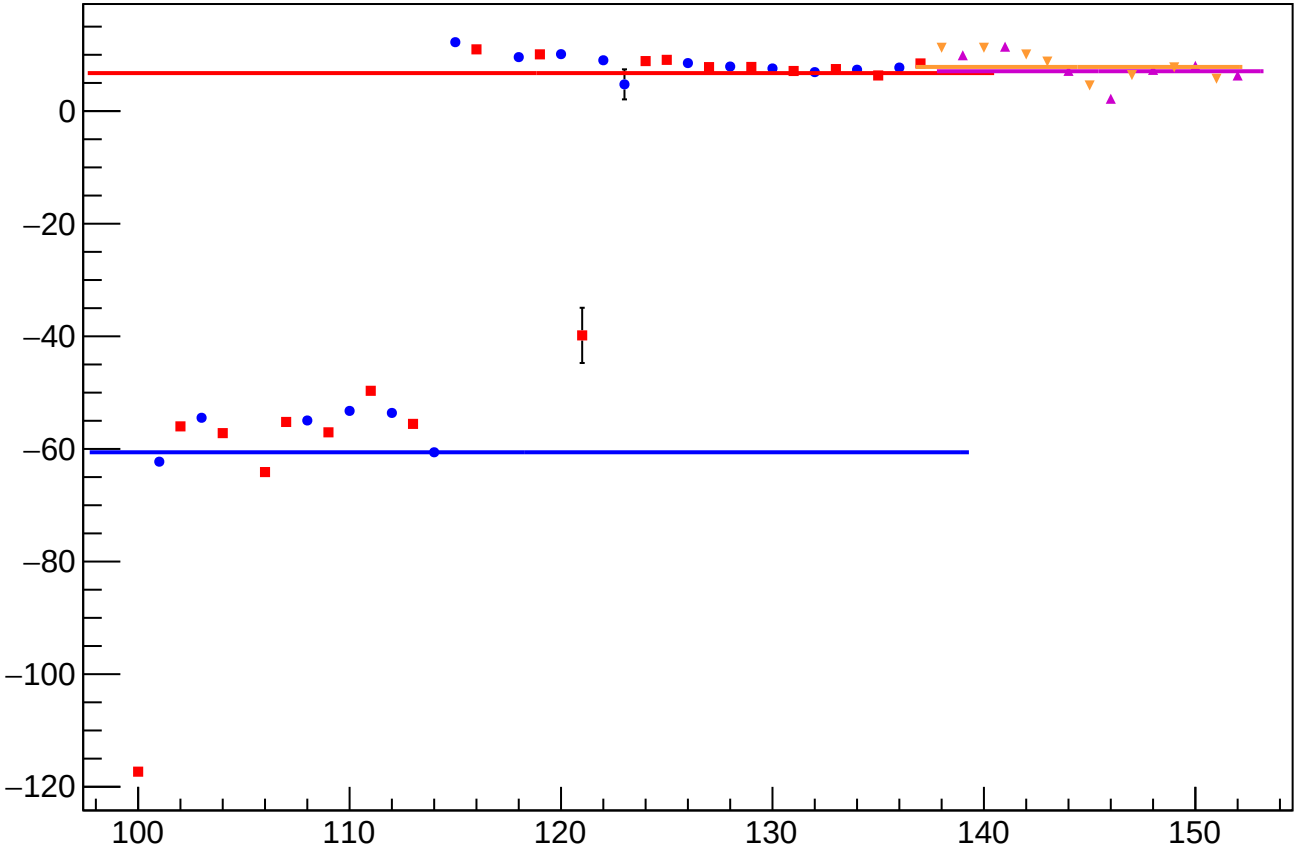
Left In: -50.294+/-0.002 χ^2/NDF:145477.8/6

+ sign -38.539+/-0.000 χ^2/NDF: 28669018.5/24

All: -38.539+/-0.000 χ^2/NDF: 108745016.2/5

- sign -51.838+/-0.001 χ^2/NDF: 854581.6/25

dit_sam1_4eY_slope vs Slug



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 7.845+/-0.009 χ^2/NDF:62025.4/7

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

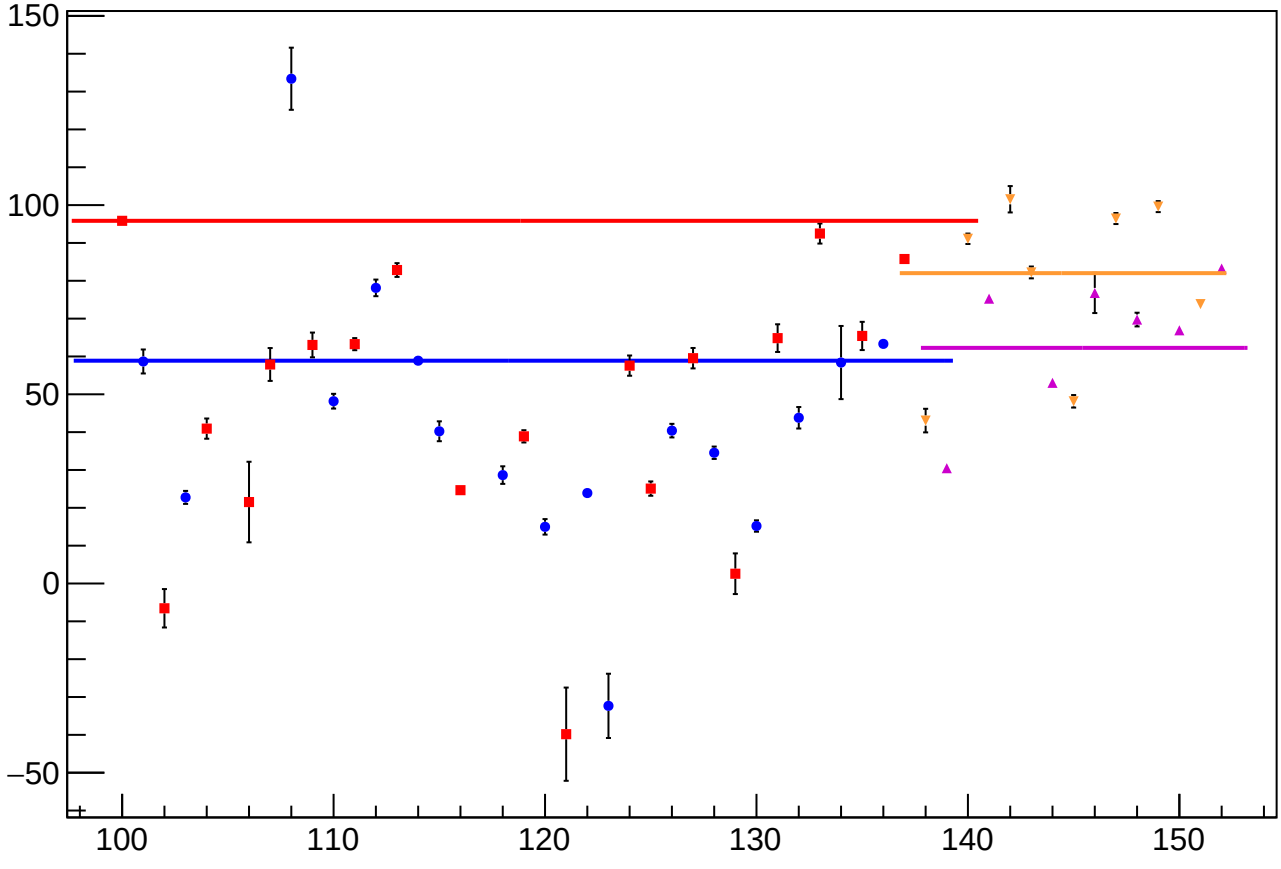
Left In: 7.079+/-0.006 χ^2/NDF:101615.9/6

+ sign -60.594+/-0.000 χ^2/NDF: 89450433.6/24

All: -60.594+/-0.000 χ^2/NDF: 249523095.1/5

- sign 7.000+/-0.005 χ^2/NDF: 1368901.0/25

dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 82.018+/-0.571 χ^2/NDF:937.0/7

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

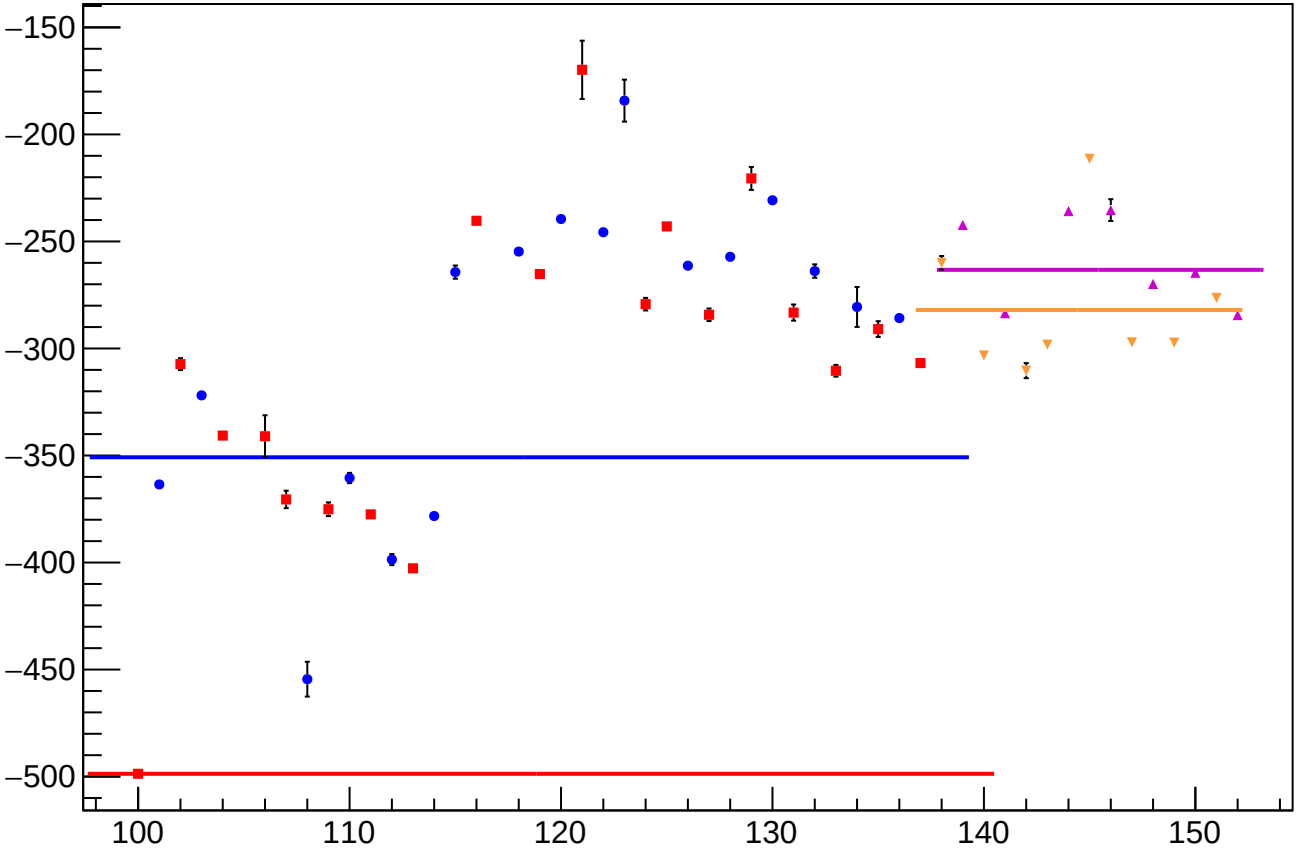
Left In: 62.270+/-0.404 χ^2/NDF:1749.8/6

+ sign 58.880+/-0.000 χ^2/NDF: 6396.4/24

All: 60.098+/-0.000 χ^2/NDF: 981523394566

- sign 95.846+/-0.000 χ^2/NDF: 48039.1/25

dit_sam2_4eX_slope vs Slug



Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -282.022+/-0.561 χ^2/NDF:2756.4/7

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

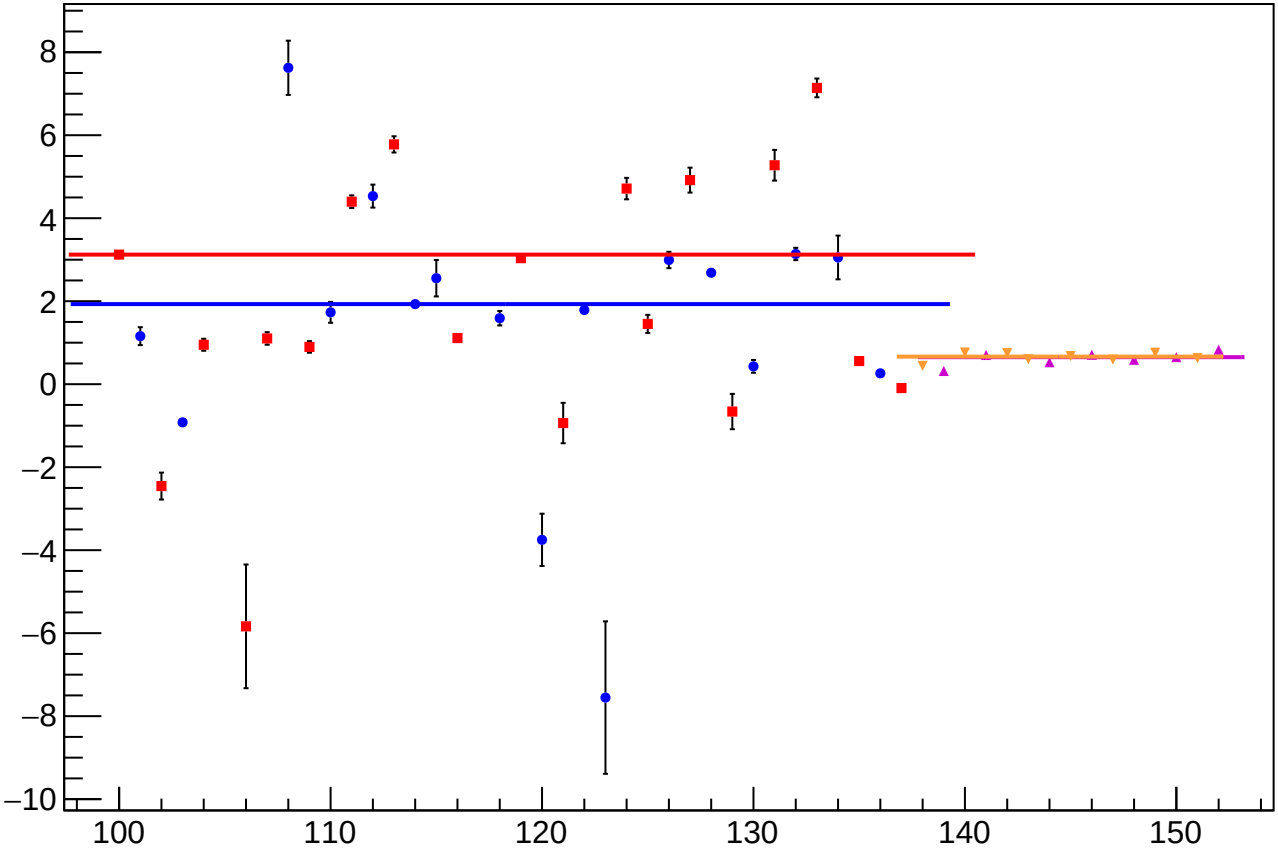
Left In: -263.267+/-0.411 χ^2/NDF:1734.6/6

+ sign -339.844+/-0.224 χ^2/NDF: 56703.5/24

All: -498.692+/-0.000 χ^2/NDF: 1400300.4/50

- sign -498.692+/-0.000 χ^2/NDF: 841423.8/25

dit_sam2_11X12X_slope vs Slug



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.664+/-0.004 χ^2/NDF:594.4/7

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

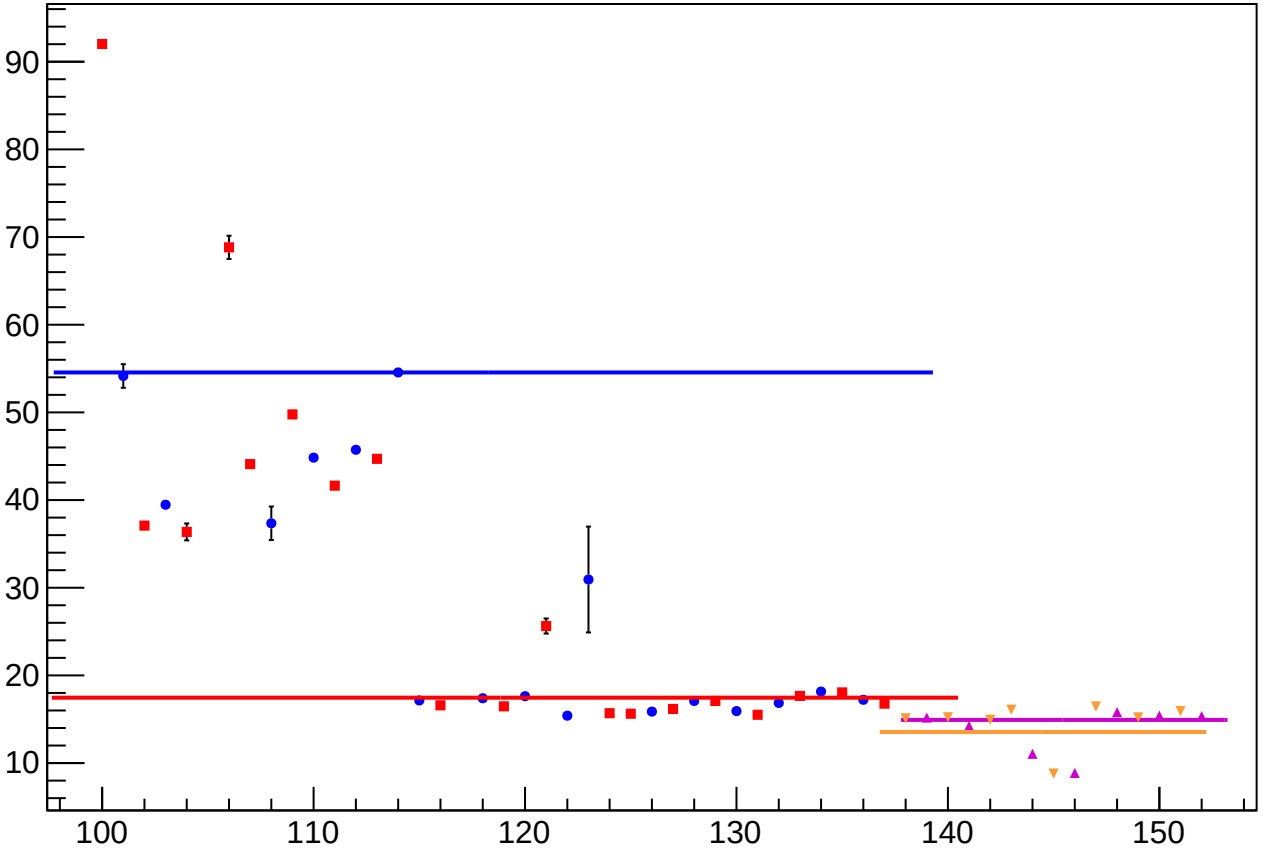
Left In: 0.651+/-0.003 χ^2/NDF:3003.4/6

+ sign 1.930+/-0.000 χ^2/NDF: 189943.6/24

All: 2.073+/-0.000 χ^2/NDF: 3809953457808

- sign 3.123+/-0.000 χ^2/NDF: 1228926.4/25

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 13.548+/-0.012 χ^2/NDF:70818.5/7

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

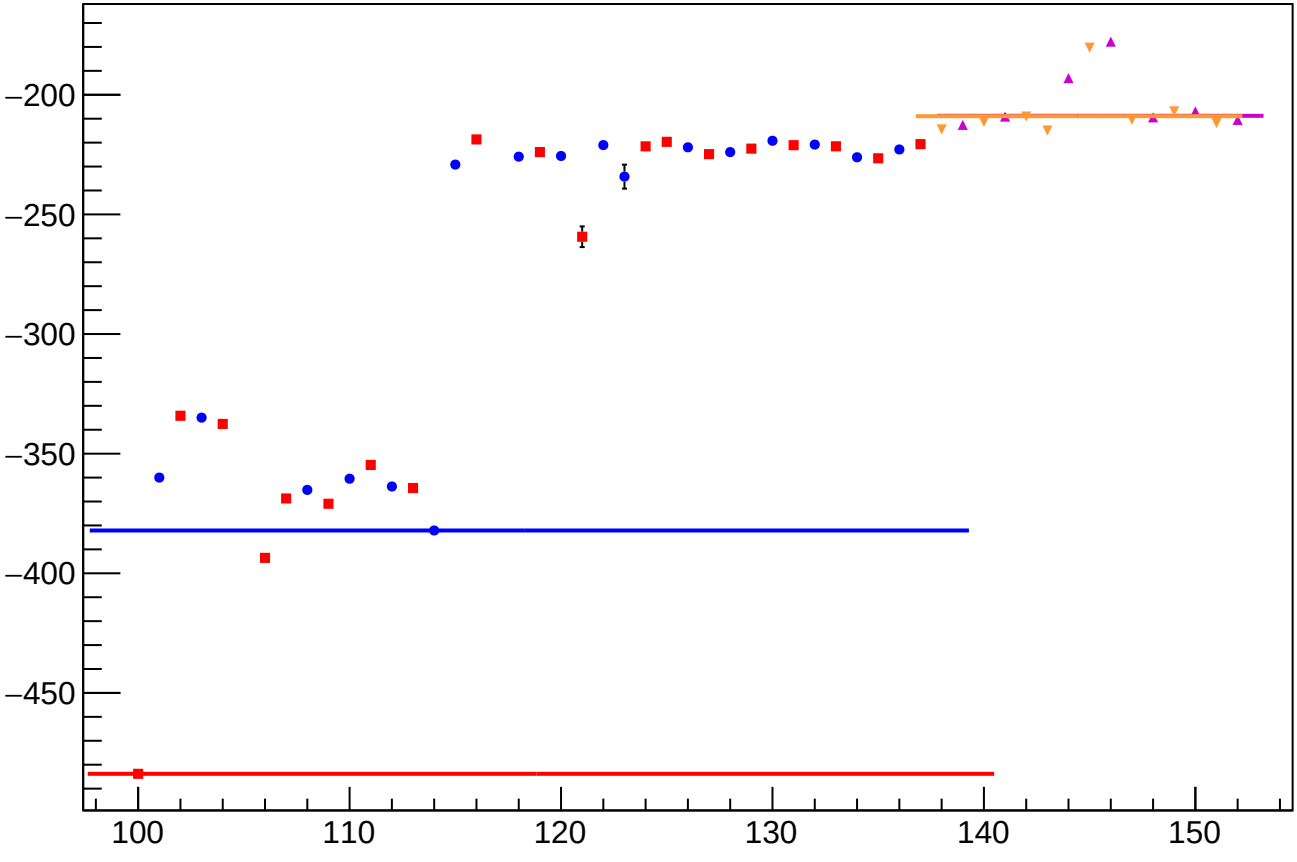
Left In: 14.924+/-0.014 χ^2/NDF:7552.8/6

+ sign 54.556+/-0.000 χ^2/NDF: 19333462.6/24

All: 54.556+/-0.000 χ^2/NDF: 31108809.6/50

- sign 15.896+/-0.011 χ^2/NDF: 118706.8/25

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -208.953+/-0.023 χ^2/NDF:58537.7/7

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

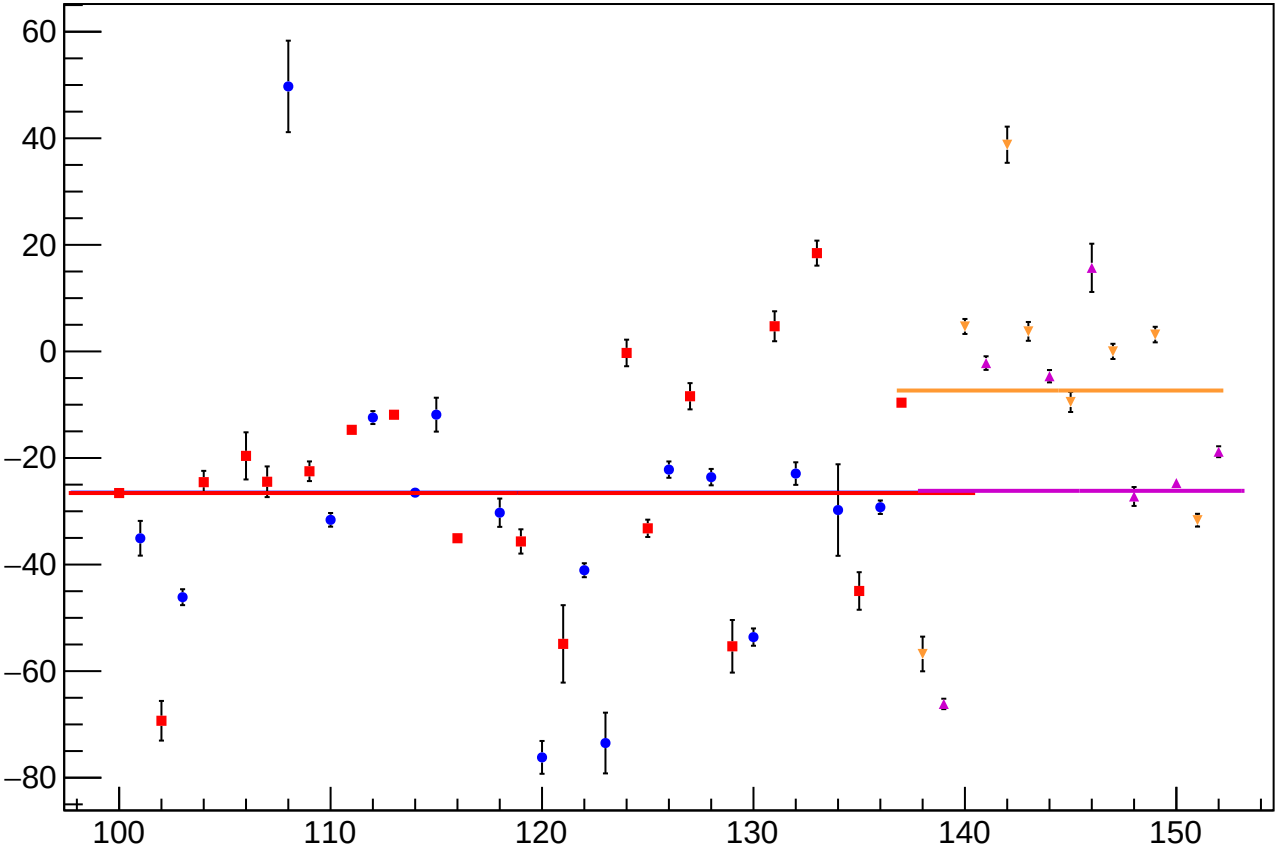
Left In: -208.788+/-0.024 χ^2/NDF:12797.8/6

+ sign -382.108+/-0.000 χ^2/NDF: 76110501.4/24

All: -417.999+/-0.000 χ^2/NDF: 12425488813

- sign -483.800+/-0.000 χ^2/NDF: 151779285.5/25

dit_sam3_4aX_slope vs Slug



Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -7.337+/-0.583 χ^2/NDF:1018.3/7

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

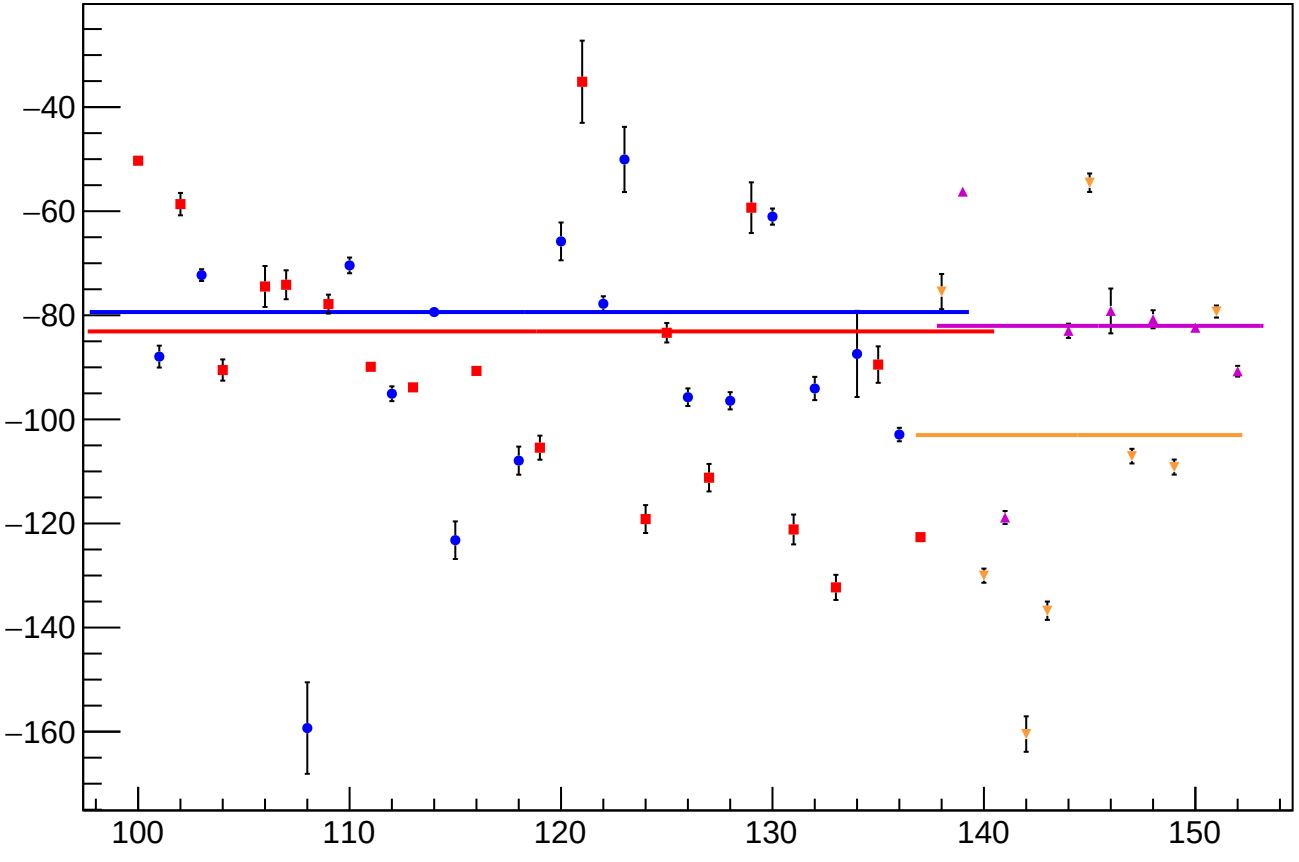
Left In: -26.163+/-0.429 χ^2/NDF:2508.3/6

+ sign -26.504+/-0.000 χ^2/NDF: 3280.0/24

All: -26.530+/-0.000 χ^2/NDF: 412159279654

- sign -26.577+/-0.000 χ^2/NDF: 5150.1/25

dit_sam3_4eX_slope vs Slug



Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -103.014+/-0.570 χ^2/NDF:2306.0/7

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

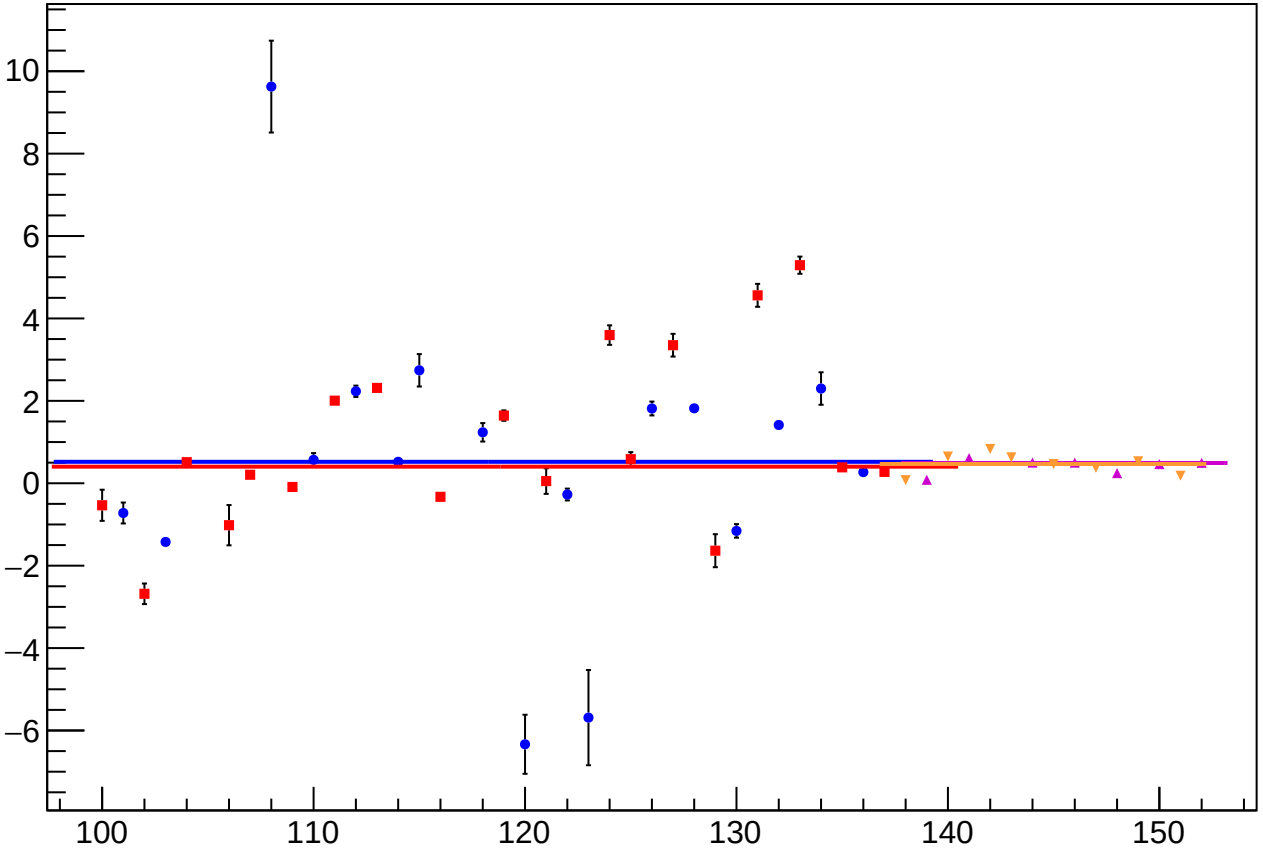
Left In: -82.031+/-0.423 χ^2/NDF:1777.0/6

+ sign -79.376+/-0.000 χ^2/NDF: 5331.3/24

All: -79.376+/-0.000 χ^2/NDF: 19500.0/50

- sign -82.938+/-0.164 χ^2/NDF: 13698.3/25

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.468+/-0.004 χ^2/NDF:1748.4/7

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

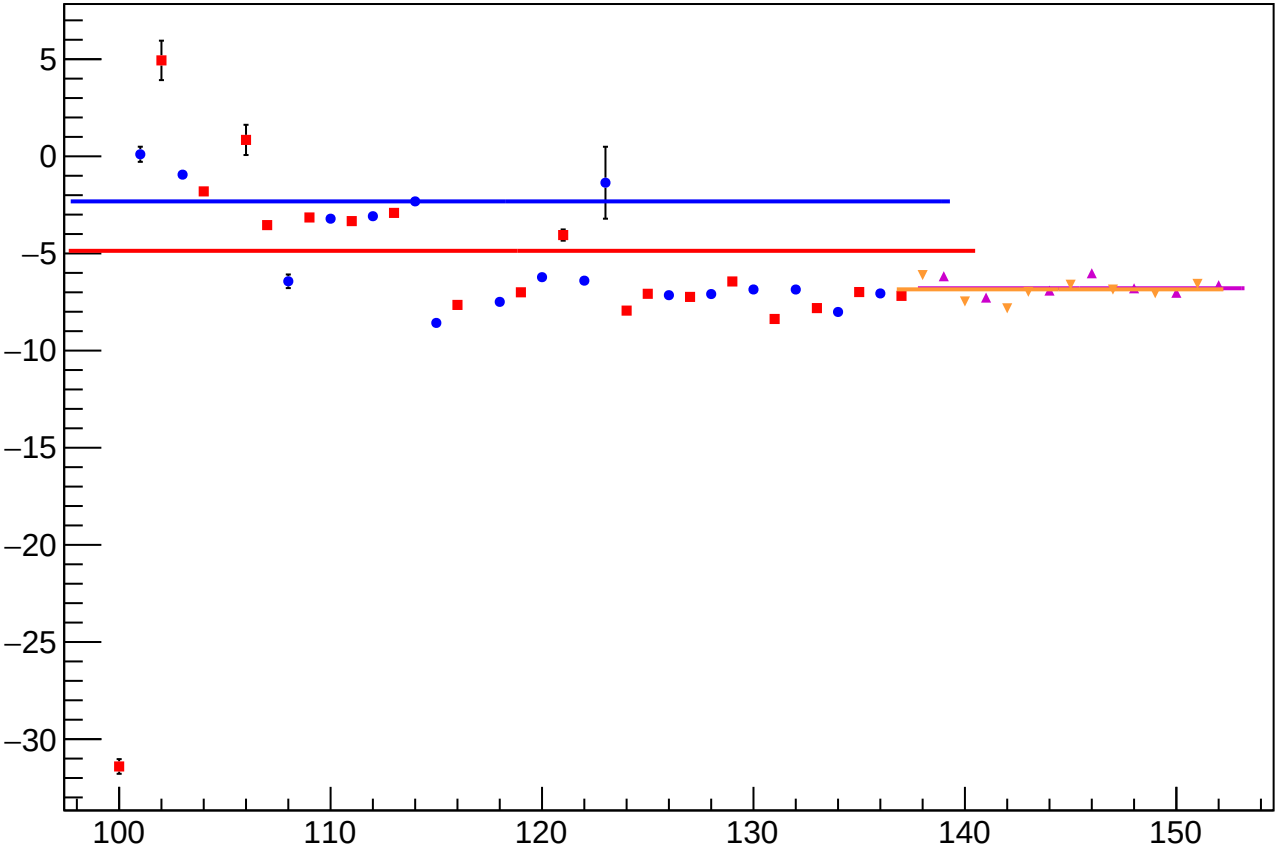
Left In: 0.492+/-0.003 χ^2/NDF:2814.5/6

+ sign 0.521+/-0.000 χ^2/NDF: 5274.0/24

All: 0.521+/-0.000 χ^2/NDF: 11035.9/50

- sign 0.487+/-0.003 χ^2/NDF: 5605.1/25

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.847+/-0.005 χ^2/NDF:2225.6/7

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

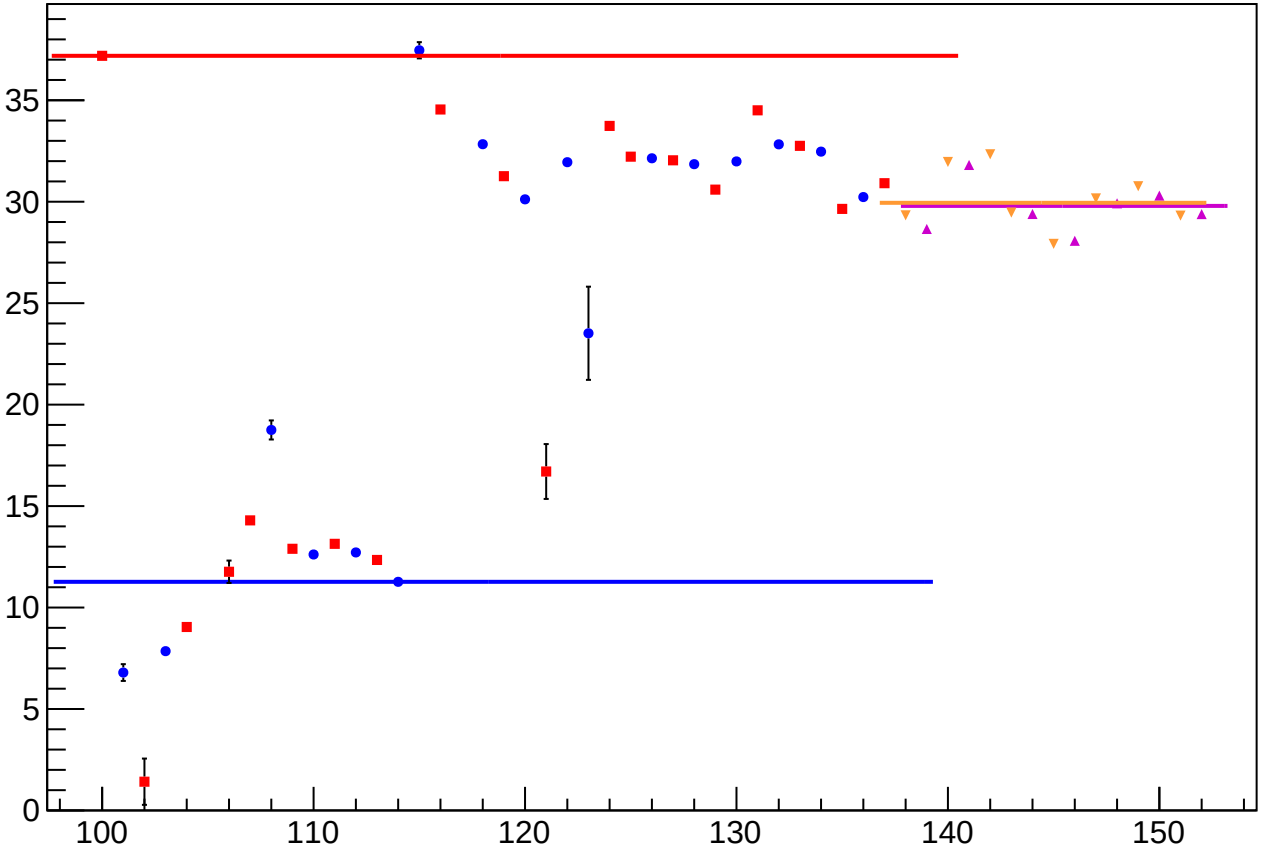
Left In: -6.791+/-0.005 χ^2/NDF:4342.2/6

+ sign -2.320+/-0.000 χ^2/NDF: 1038126.8/24

All: -2.320+/-0.000 χ^2/NDF: 1911664.3/50

- sign -6.408+/-0.005 χ^2/NDF: 81731.8/25

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.947+/-0.018 χ^2/NDF:4466.4/7

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

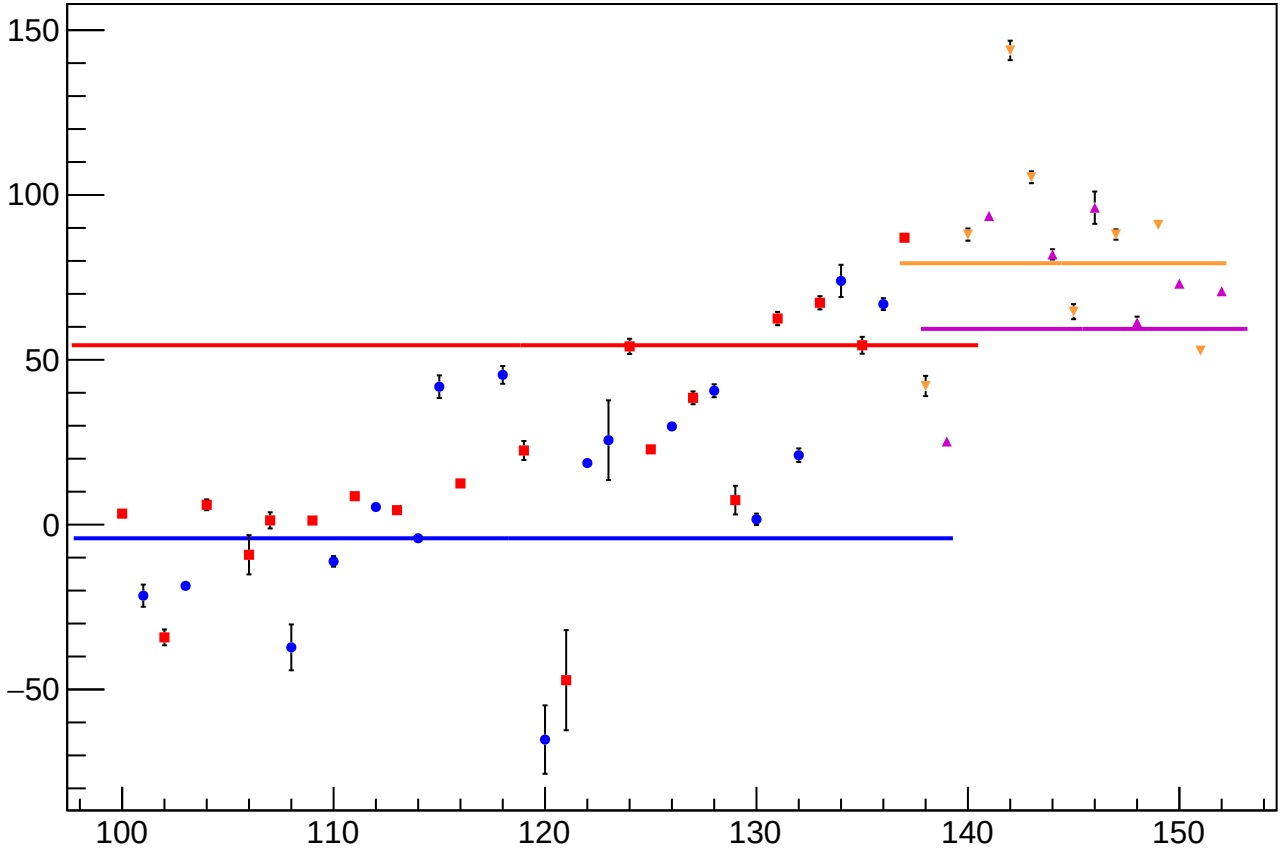
Left In: 29.794+/-0.014 χ^2/NDF:2626.6/6

+ sign 11.268+/-0.000 χ^2/NDF: 2078303.8/24

All: 12.122+/-0.000 χ^2/NDF: 772305569497

- sign 37.191+/-0.000 χ^2/NDF: 1396966.4/25

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 79.300+/-0.612 χ^2/NDF:1533.7/7

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

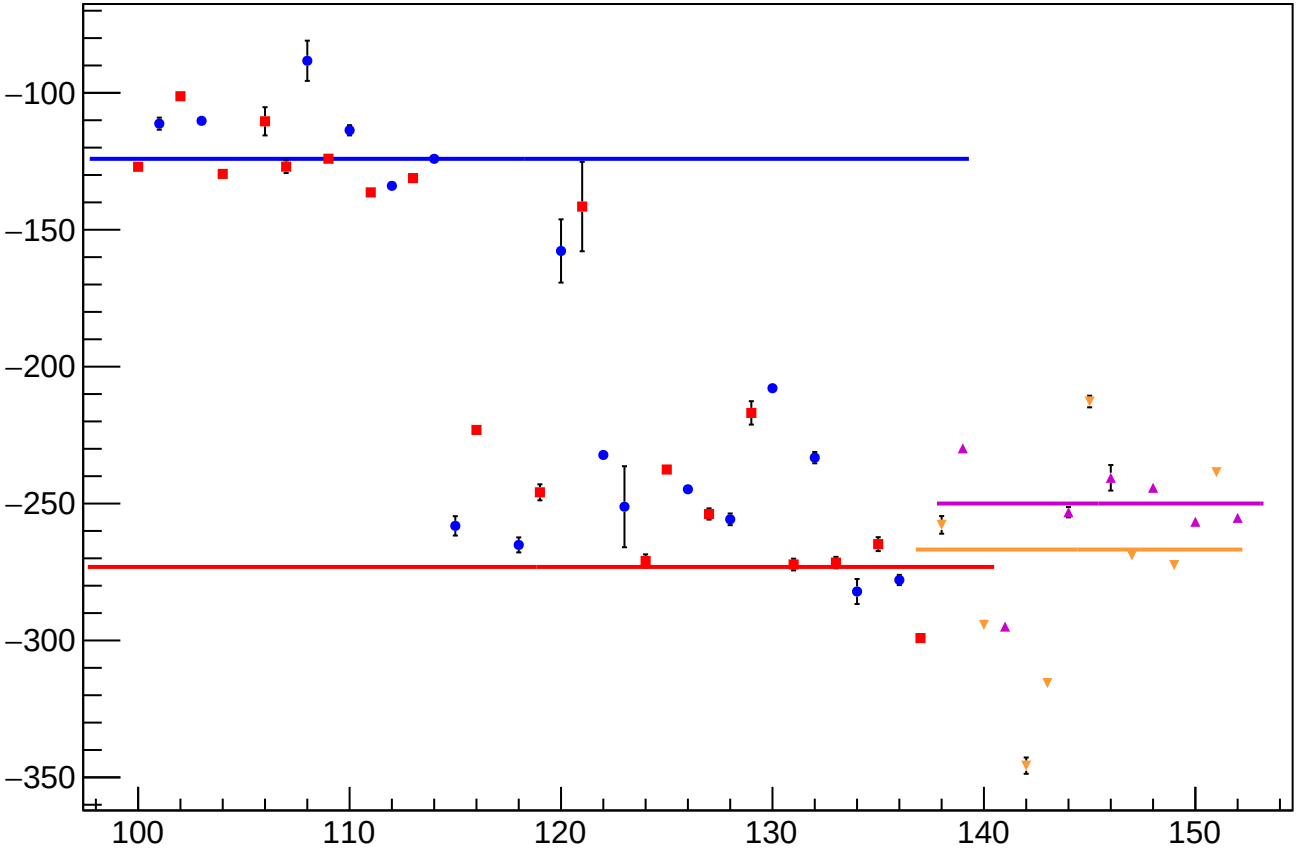
Left In: 59.372+/-0.418 χ^2/NDF:3584.2/6

+ sign -4.139+/-0.000 χ^2/NDF: 24760.8/24

All: -4.139+/-0.000 χ^2/NDF: 223827.4/50

- sign 55.131+/-0.158 χ^2/NDF: 57703.1/25

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -266.800+/-0.604 χ^2/NDF:2975.1/7

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

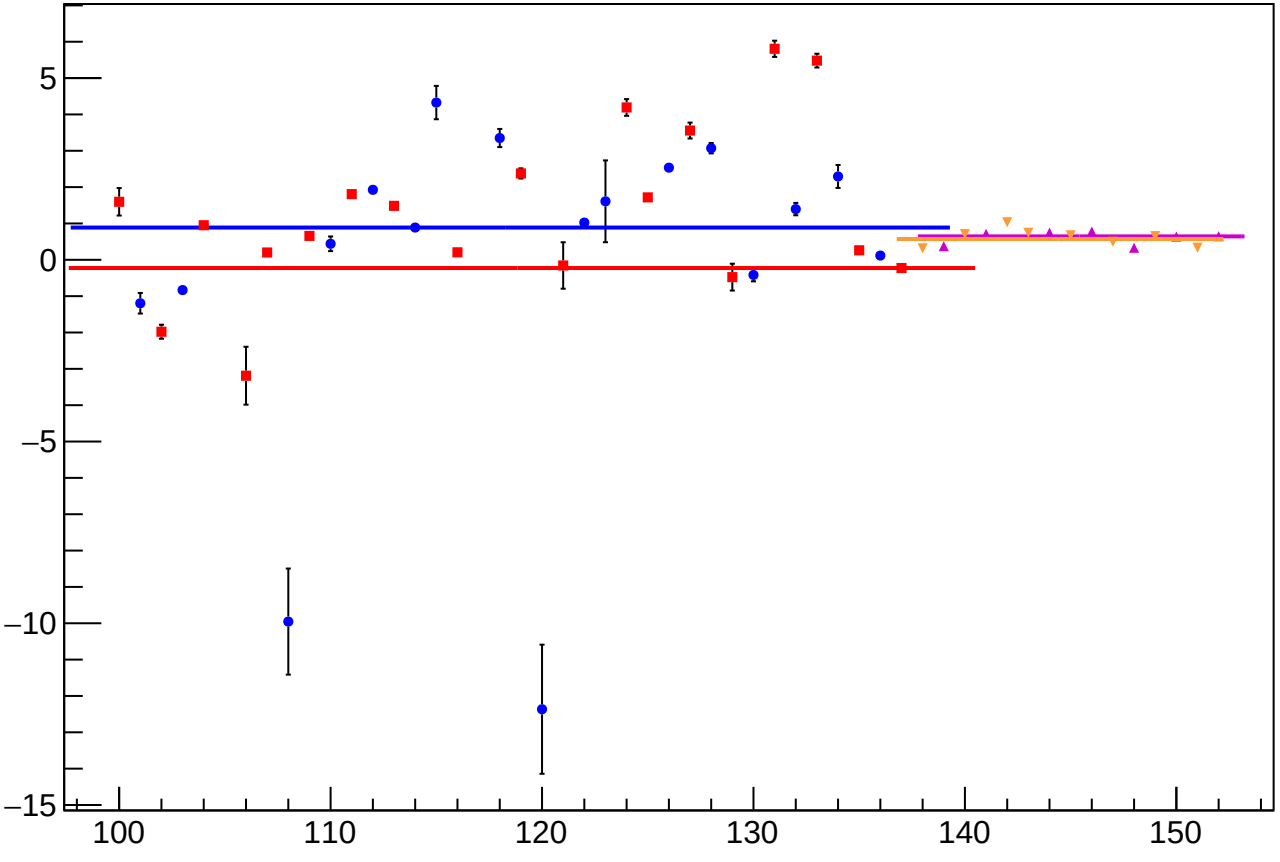
Left In: -249.983+/-0.406 χ^2/NDF:2303.1/6

+ sign -124.095+/-0.000 χ^2/NDF: 96971.9/24

All: -124.095+/-0.000 χ^2/NDF: 2224069.7/50

- sign -271.485+/-0.109 χ^2/NDF: 285467.1/25

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.572+/-0.005 χ^2/NDF:1634.6/7

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

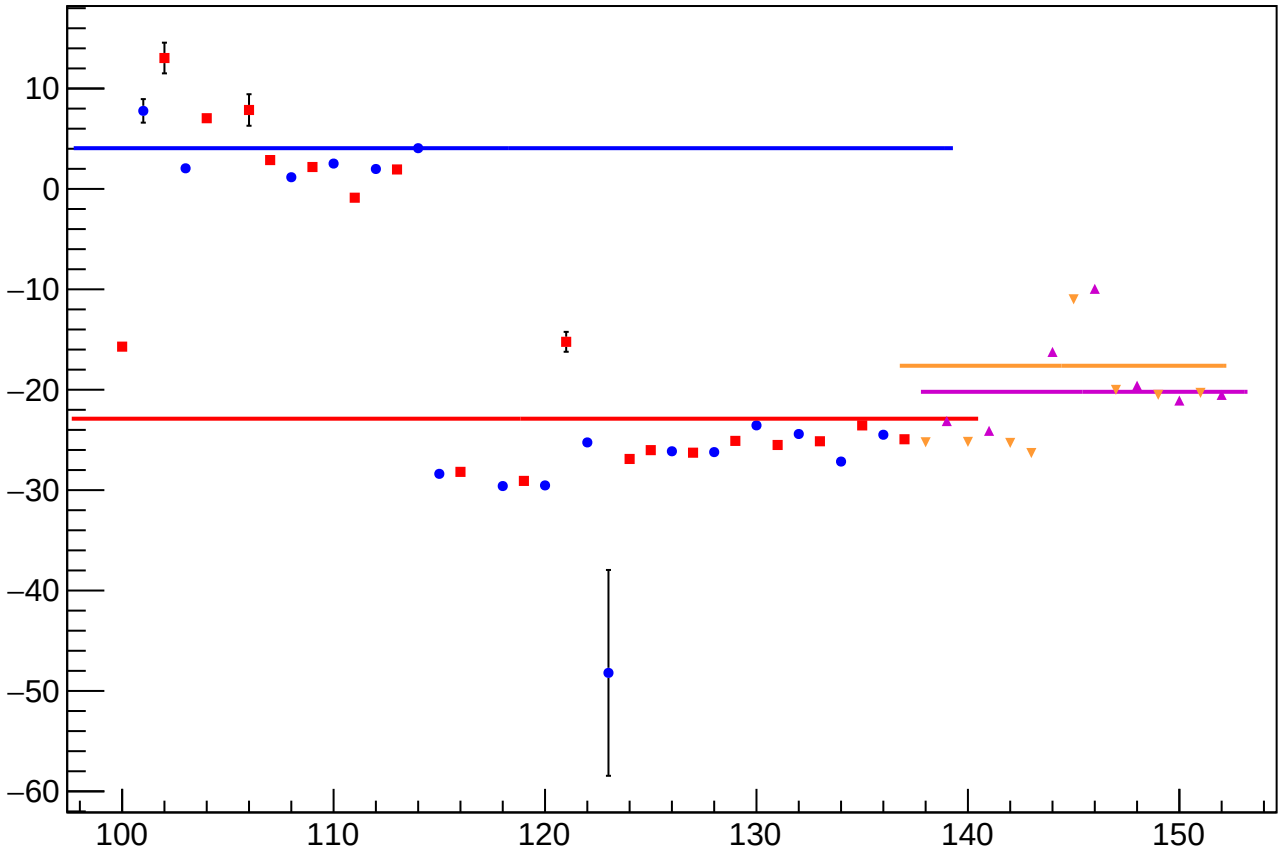
Left In: 0.644+/-0.004 χ^2/NDF:1056.9/6

+ sign 0.888+/-0.000 χ^2/NDF: 15018.4/24

All: 0.888+/-0.000 χ^2/NDF: 422232538.5/50

- sign -0.226+/-0.000 χ^2/NDF: 64978.2/25

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -17.612+/-0.022 χ^2/NDF:71552.2/7

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

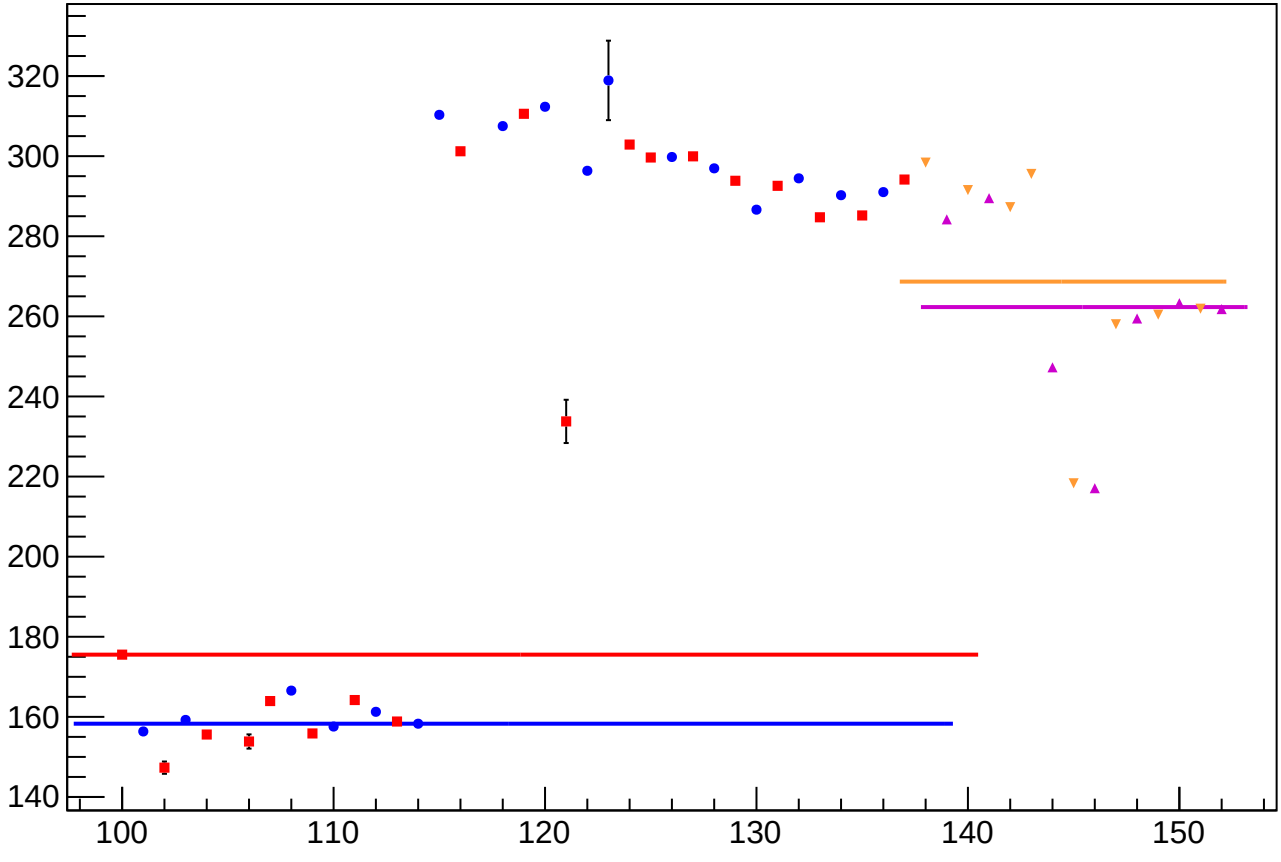
Left In: -20.207+/-0.021 χ^2/NDF:18030.1/6

+ sign 4.057+/-0.000 χ^2/NDF: 2297342.9/24

All: 4.057+/-0.000 χ^2/NDF: 4770894.6/50

- sign -21.270+/-0.017 χ^2/NDF: 140781.3/25

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 268.677+/-0.058 χ^2/NDF:173516.0/7

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

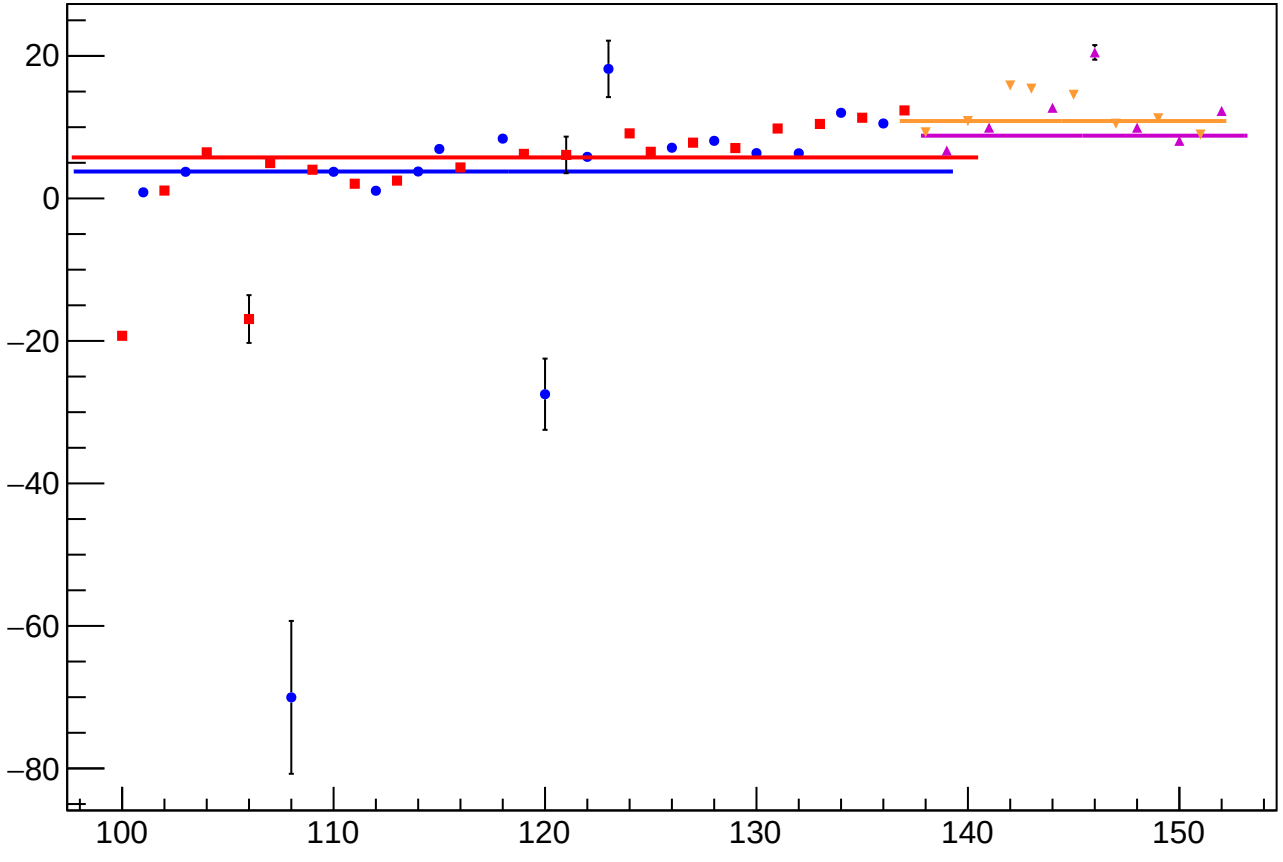
Left In: 262.319+/-0.047 χ^2/NDF:36875.4/6

+ sign 158.293+/-0.000 χ^2/NDF: 6213828.4/24

All: 172.618+/-0.000 χ^2/NDF: 37372749122

- sign 175.536+/-0.000 χ^2/NDF: 5562360.4/25

dit_sam5_4aX_slope vs Slug



Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 10.863+/-0.043 χ^2/NDF:1268.0/7

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

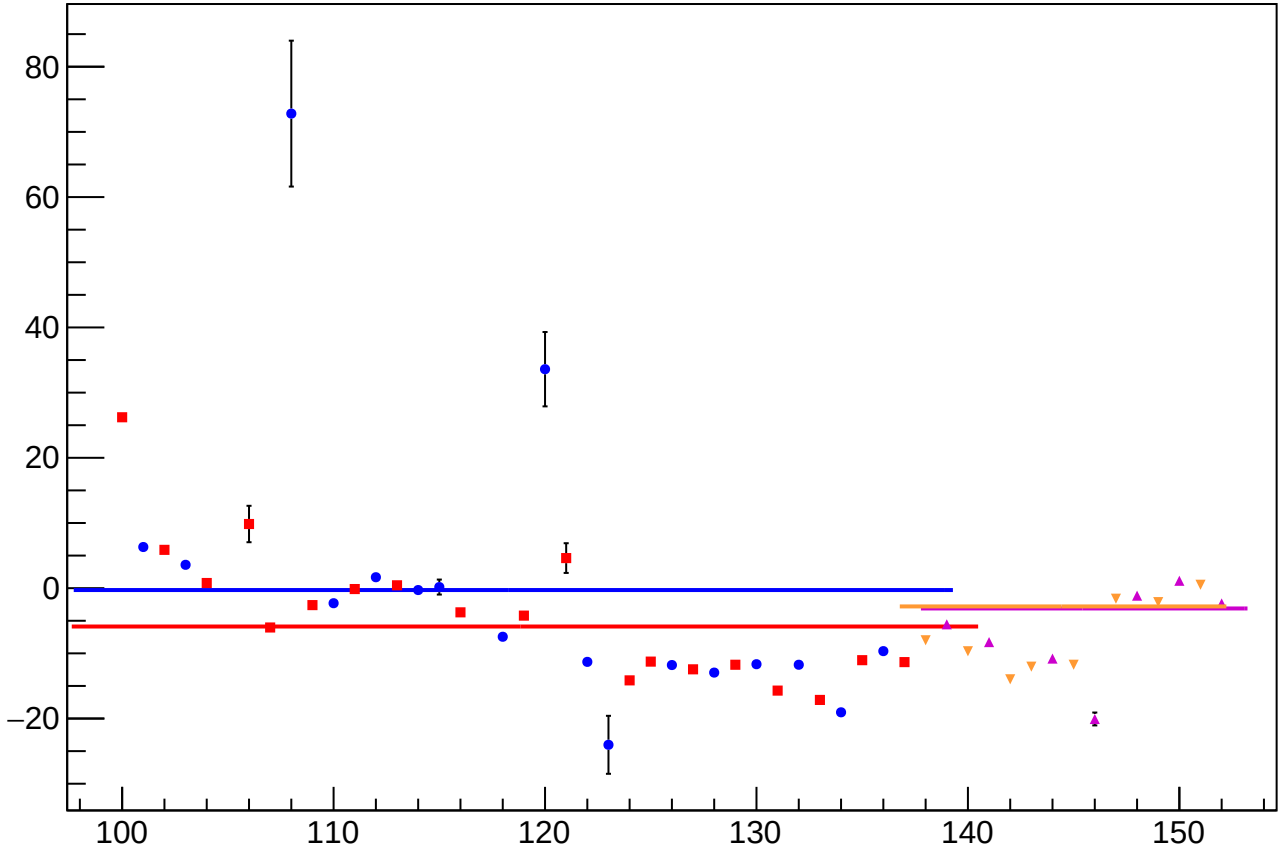
Left In: 8.808+/-0.043 χ^2/NDF:1894.0/6

+ sign 3.778+/-0.000 χ^2/NDF: 34726.3/24

All: 3.778+/-0.000 χ^2/NDF: 78284.7/50

- sign 6.553+/-0.022 χ^2/NDF: 27852.8/25

dit_sam5_4eX_slope vs Slug



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -2.800+/-0.043 χ^2/NDF:7210.4/7

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

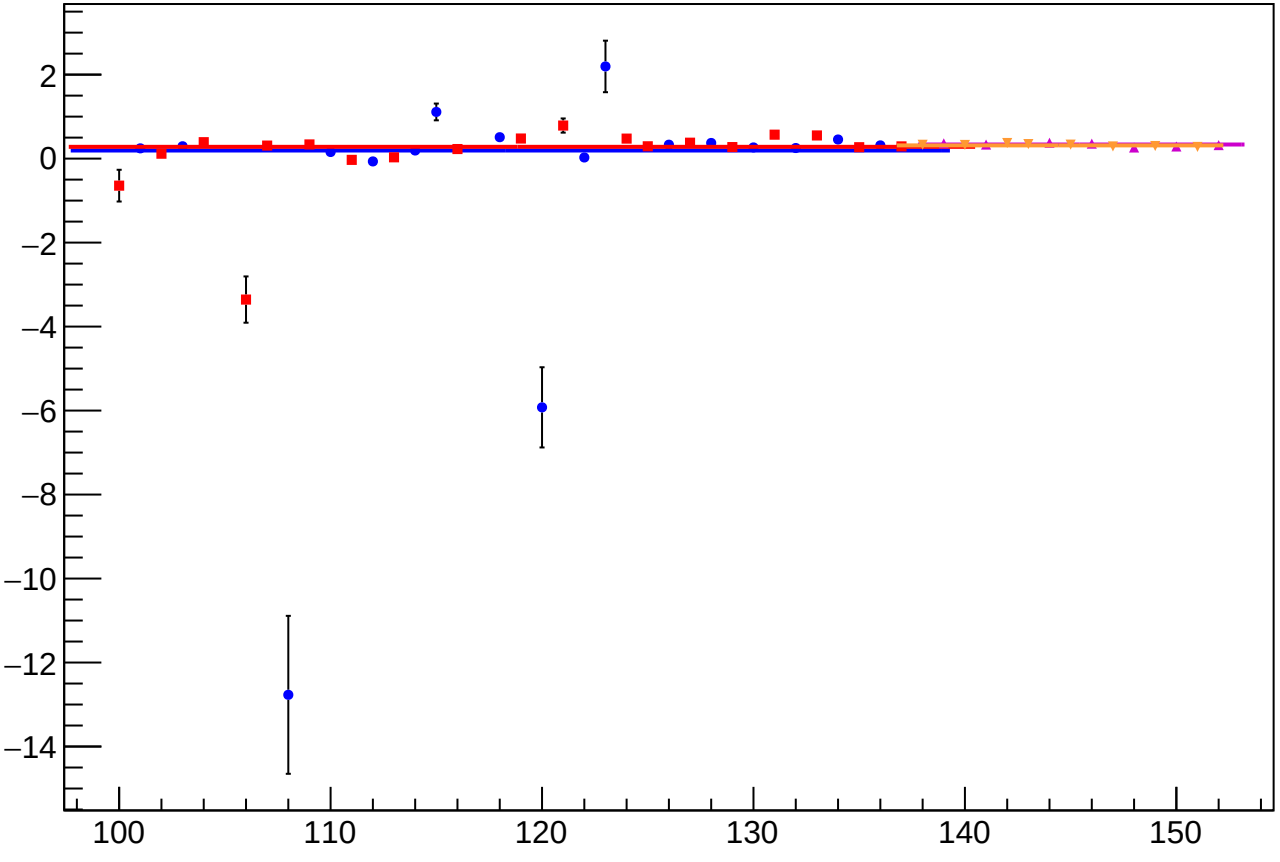
Left In: -3.113+/-0.044 χ^2/NDF:9272.2/6

+ sign -0.287+/-0.000 χ^2/NDF: 54882.6/24

All: -0.287+/-0.000 χ^2/NDF: 174051.8/50

- sign -5.118+/-0.023 χ^2/NDF: 75624.6/25

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.315+/-0.001 χ^2/NDF:792.3/7

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

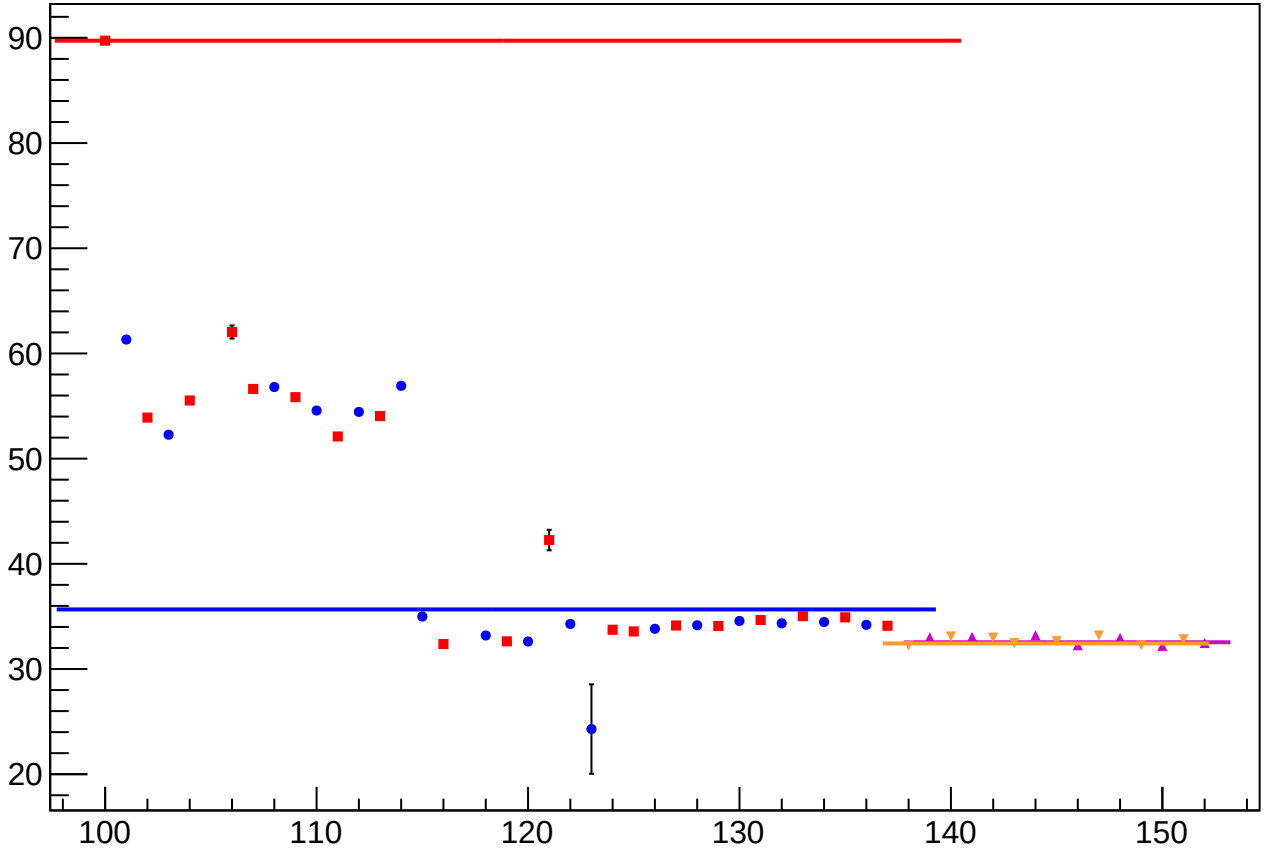
Left In: 0.336+/-0.001 χ^2/NDF:2122.9/6

+ sign 0.193+/-0.000 χ^2/NDF: 30525.4/24

All: 0.193+/-0.000 χ^2/NDF: 68557.3/50

- sign 0.321+/-0.001 χ^2/NDF: 9217.0/25

dit_sam5_4aY_slope vs Slug



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.430+/-0.006 χ^2/NDF:1892.3/7

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

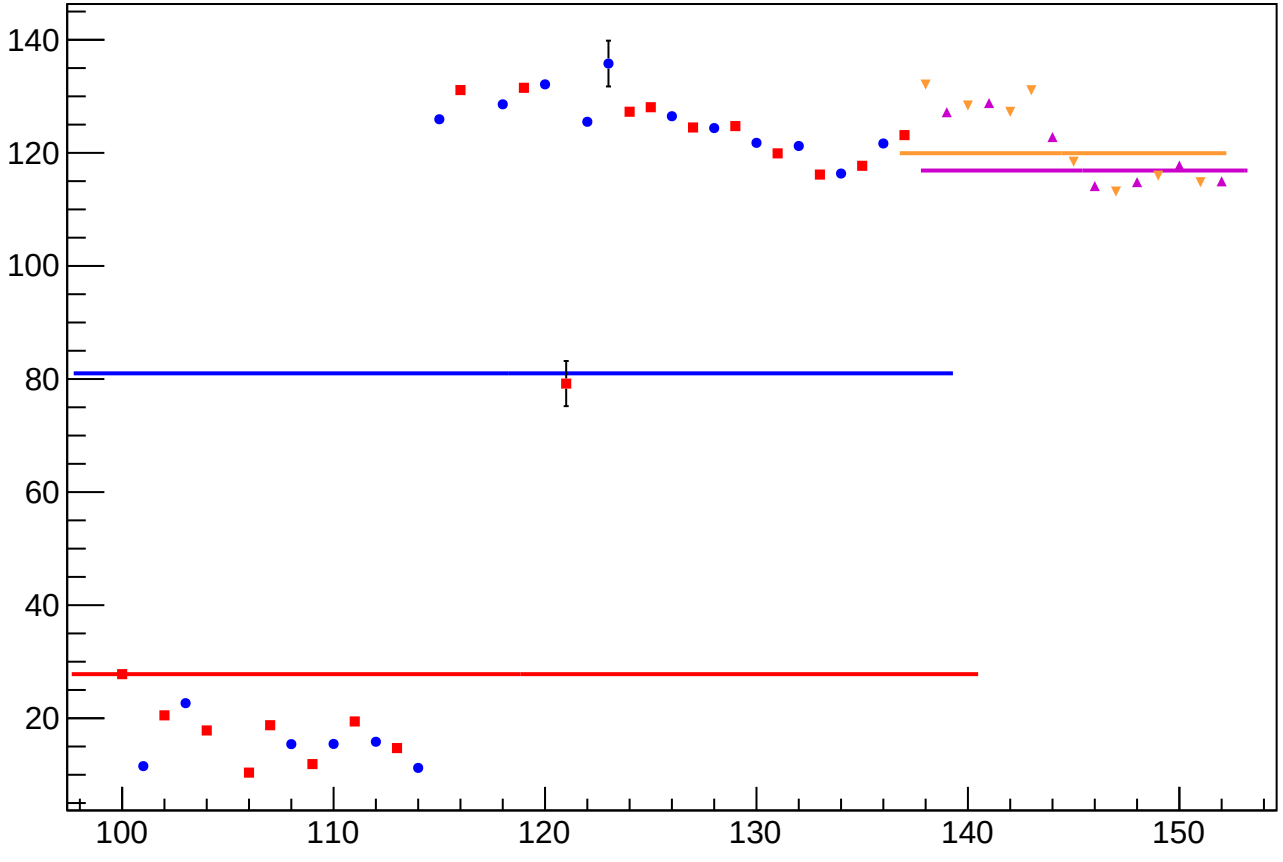
Left In: 32.542+/-0.007 χ^2/NDF:2189.5/6

+ sign 33.217+/-0.006 χ^2/NDF: 281803.1/24

All: 89.735+/-0.000 χ^2/NDF: 188556993.3/50

- sign 89.735+/-0.000 χ^2/NDF: 86740888.7/25

dit_sam5_4eY_slope vs Slug



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 119.943+/-0.021 χ^2/NDF:108154.8/7

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

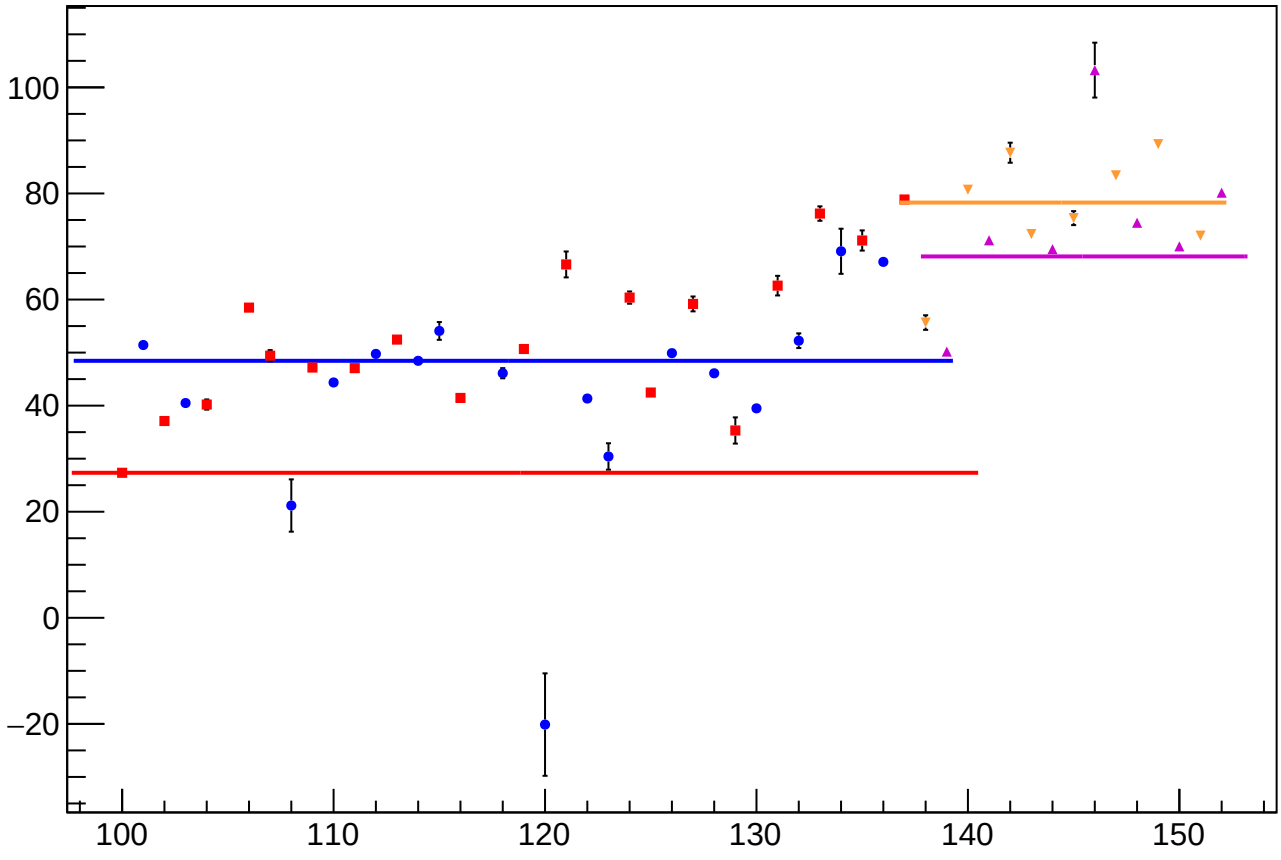
Left In: 116.878+/-0.018 χ^2/NDF:37612.2/6

+ sign 109.618+/-0.018 χ^2/NDF: 3271344.8/24

All: 27.798+/-0.000 χ^2/NDF: 59550897.6/50

- sign 27.798+/-0.000 χ^2/NDF: 35107865.6/25

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 78.284+/-0.283 χ^2/NDF:827.0/7

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

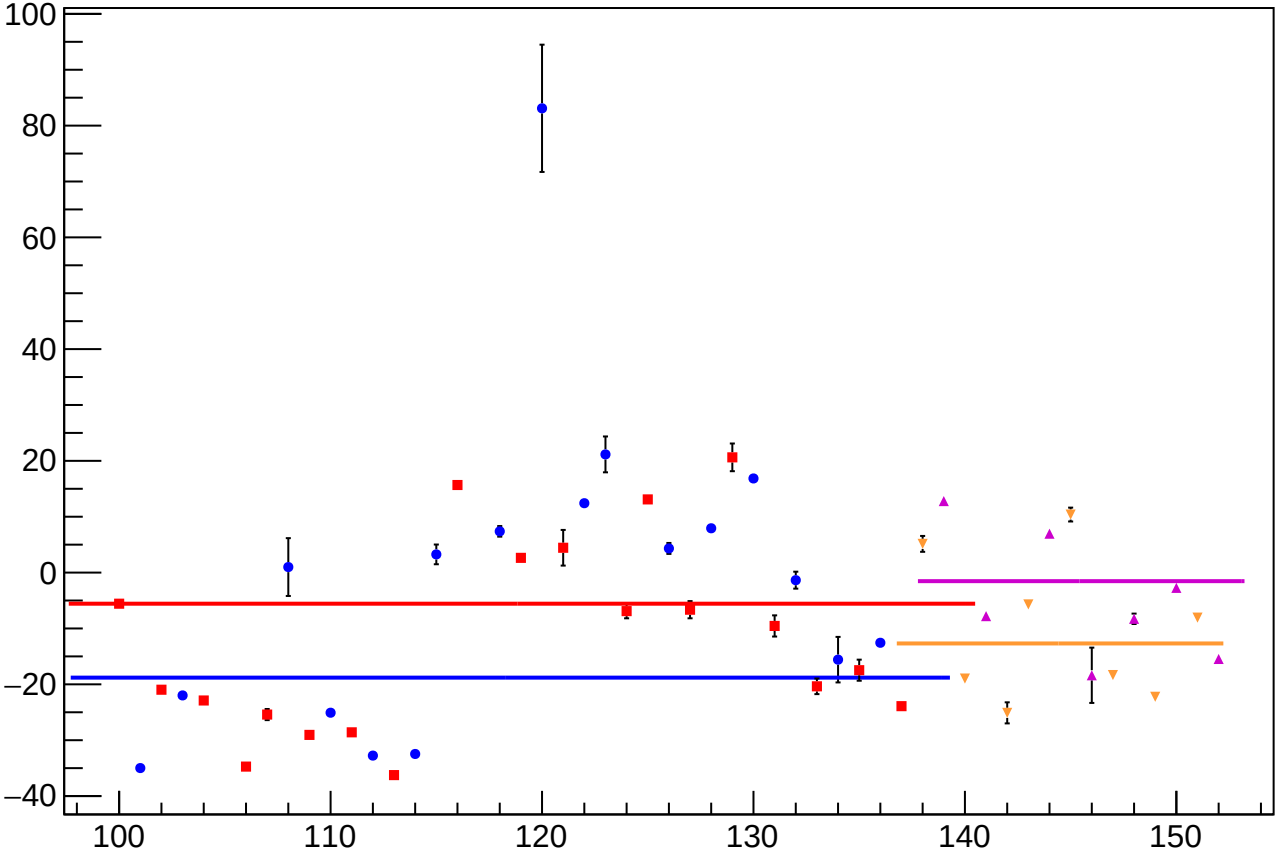
Left In: 68.125+/-0.224 χ^2/NDF:1831.7/6

+ sign 48.450+/-0.000 χ^2/NDF: 14653.1/24

All: 28.365+/-0.000 χ^2/NDF: 102629010488

- sign 27.342+/-0.000 χ^2/NDF: 60700.1/25

dit_sam6_4eX_slope vs Slug



Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: -12.684+/-0.281 χ^2/NDF:1055.2/7

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

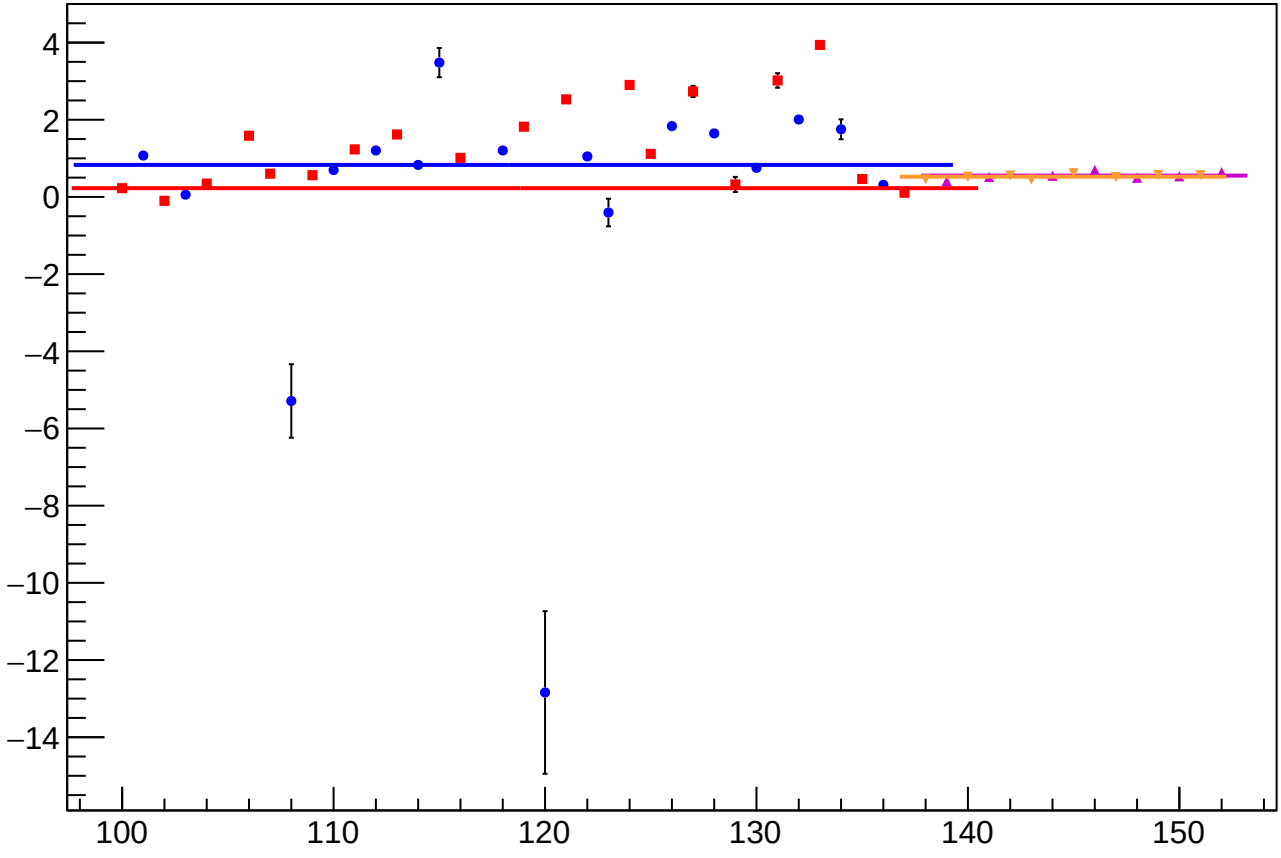
Left In: -1.533+/-0.220 χ^2/NDF:1762.2/6

+ sign -17.463+/-0.131 χ^2/NDF: 13190.9/24

All: -5.568+/-0.000 χ^2/NDF: 46604.3/50

- sign -5.568+/-0.000 χ^2/NDF: 25195.1/25

dit_sam6_11X12X_slope vs Slug



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.524+/-0.002 χ^2/NDF:637.8/7

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

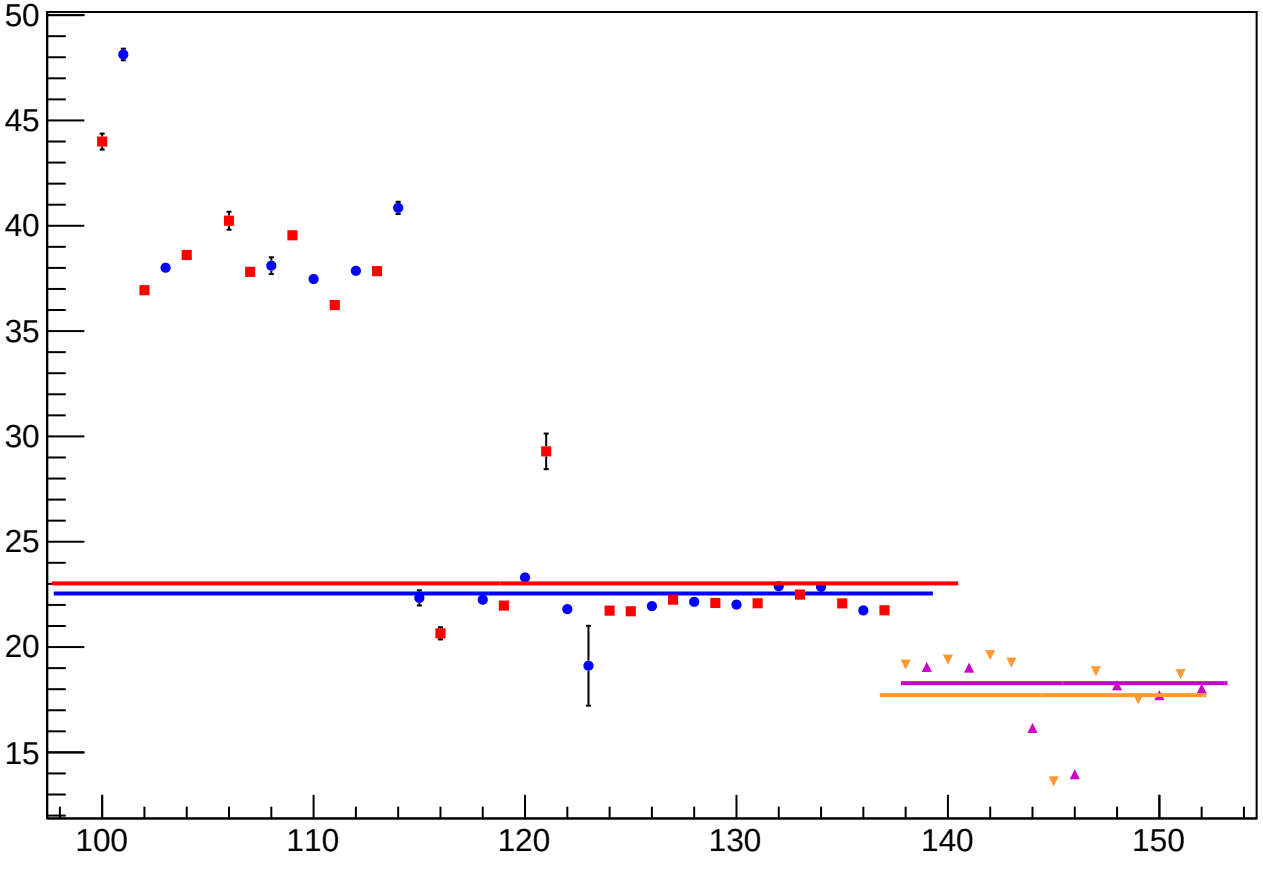
Left In: 0.553+/-0.002 χ^2/NDF:1737.8/6

+ sign 0.830+/-0.000 χ^2/NDF: 43693.6/24

All: 0.289+/-0.000 χ^2/NDF: 2906608256145

- sign 0.227+/-0.000 χ^2/NDF: 50177.8/25

dit_sam6_4aY_slope vs Slug



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 17.717+/-0.009 χ^2/NDF:68925.1/7

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

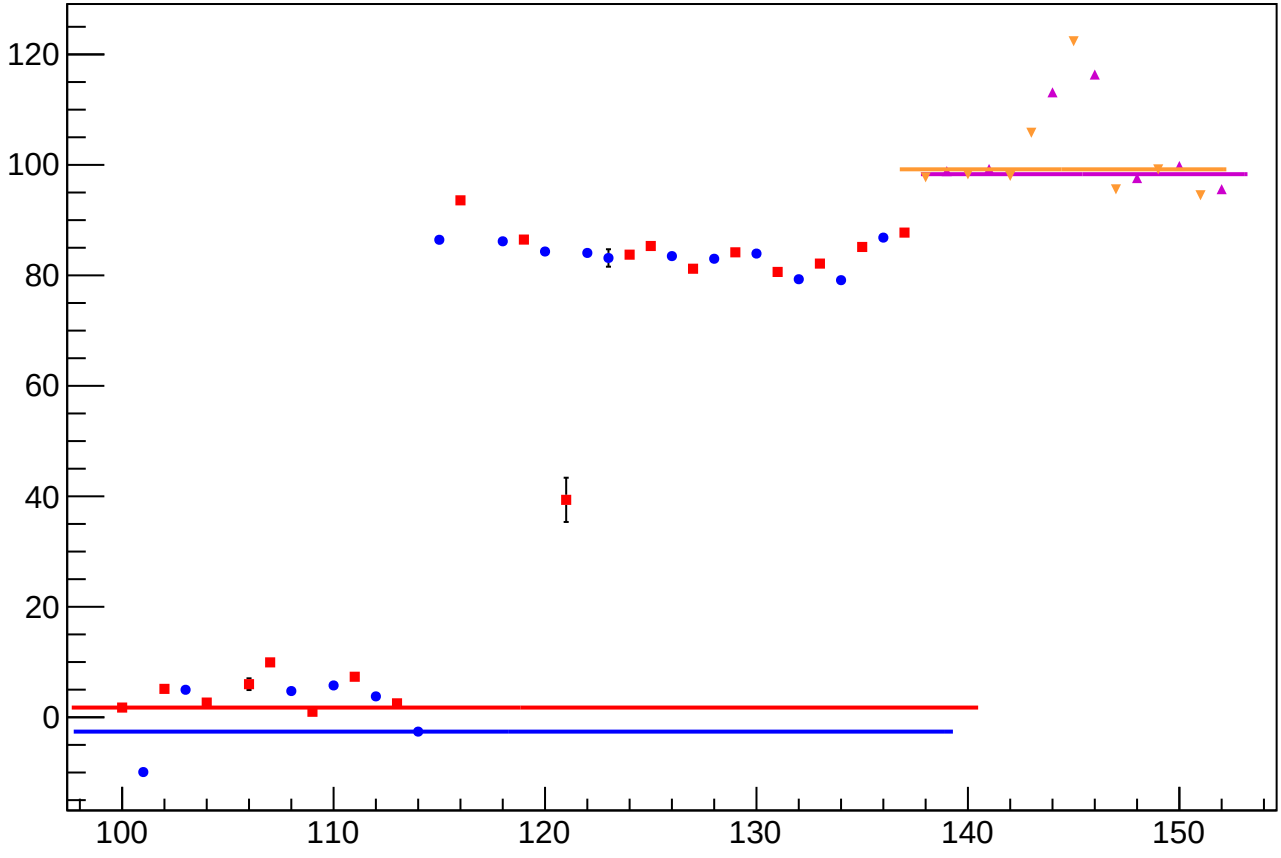
Left In: 18.287+/-0.011 χ^2/NDF:8322.9/6

+ sign 19.958+/-0.006 χ^2/NDF: 318340.0/24

All: 20.486+/-0.005 χ^2/NDF: 617371.2/50

- sign 21.131+/-0.007 χ^2/NDF: 283625.4/25

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 99.199+/-0.017 χ^2/NDF:67653.0/7

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

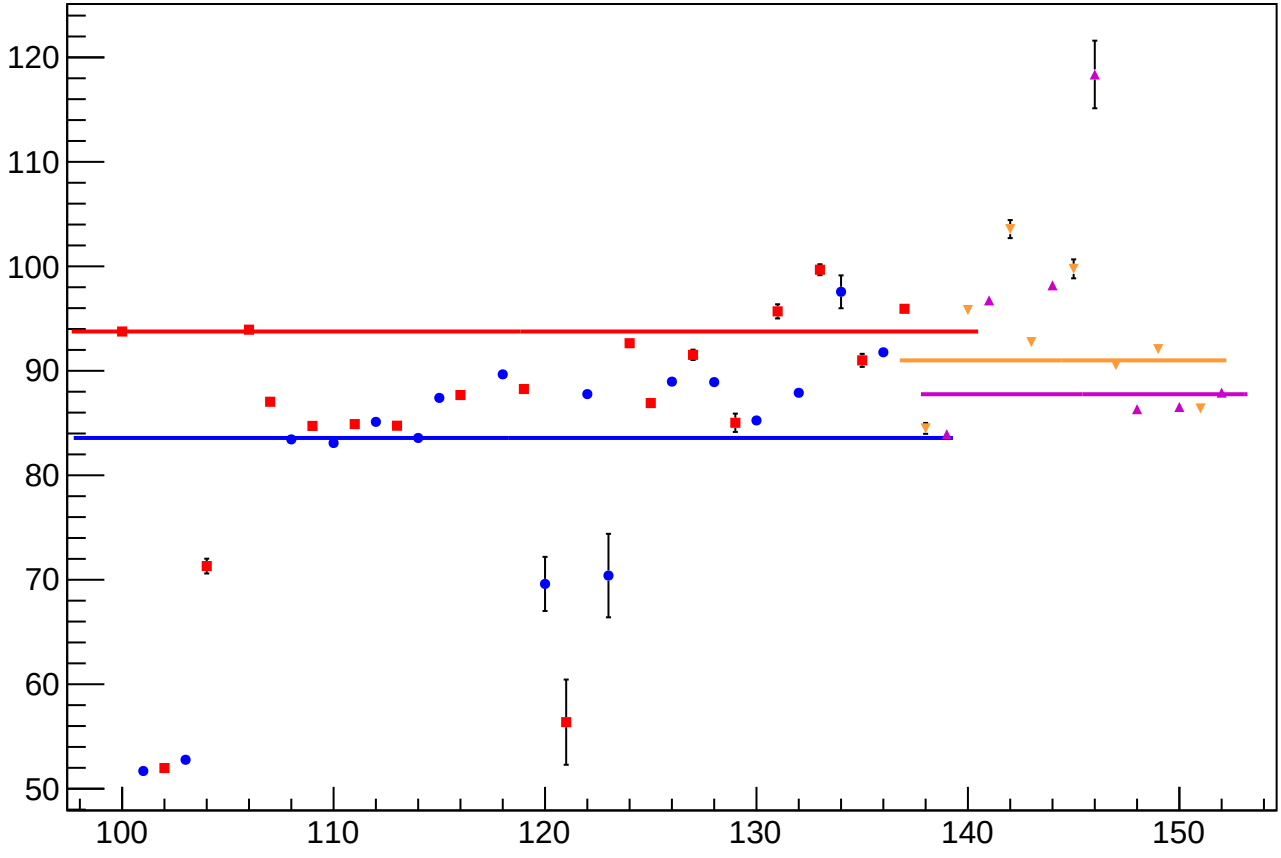
Left In: 98.320+/-0.018 χ^2/NDF:15523.0/6

+ sign -2.596+/-0.000 χ^2/NDF: 44492763.7/24

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

- sign 1.758+/-0.000 χ^2/NDF: 34394096.5/25

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 90.999+/-0.114 χ^2/NDF:1189.6/7

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

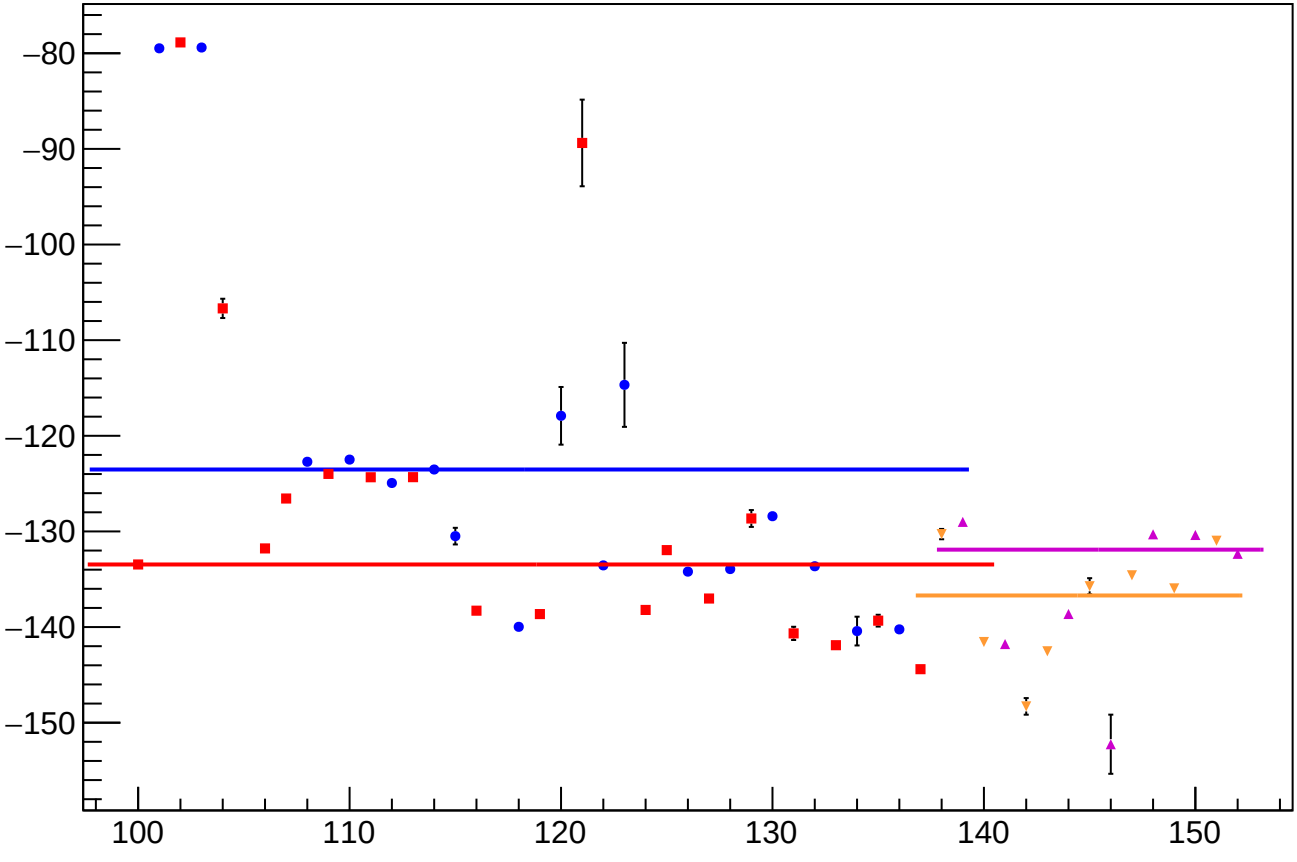
Left In: 87.759+/-0.089 χ^2/NDF:2252.7/6

+ sign 83.573+/-0.000 χ^2/NDF: 54923.0/24

All: 87.169+/-0.000 χ^2/NDF: 199568440414

- sign 93.762+/-0.000 χ^2/NDF: 89671.1/25

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -136.697+/-0.114 χ^2/NDF:1811.6/7

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

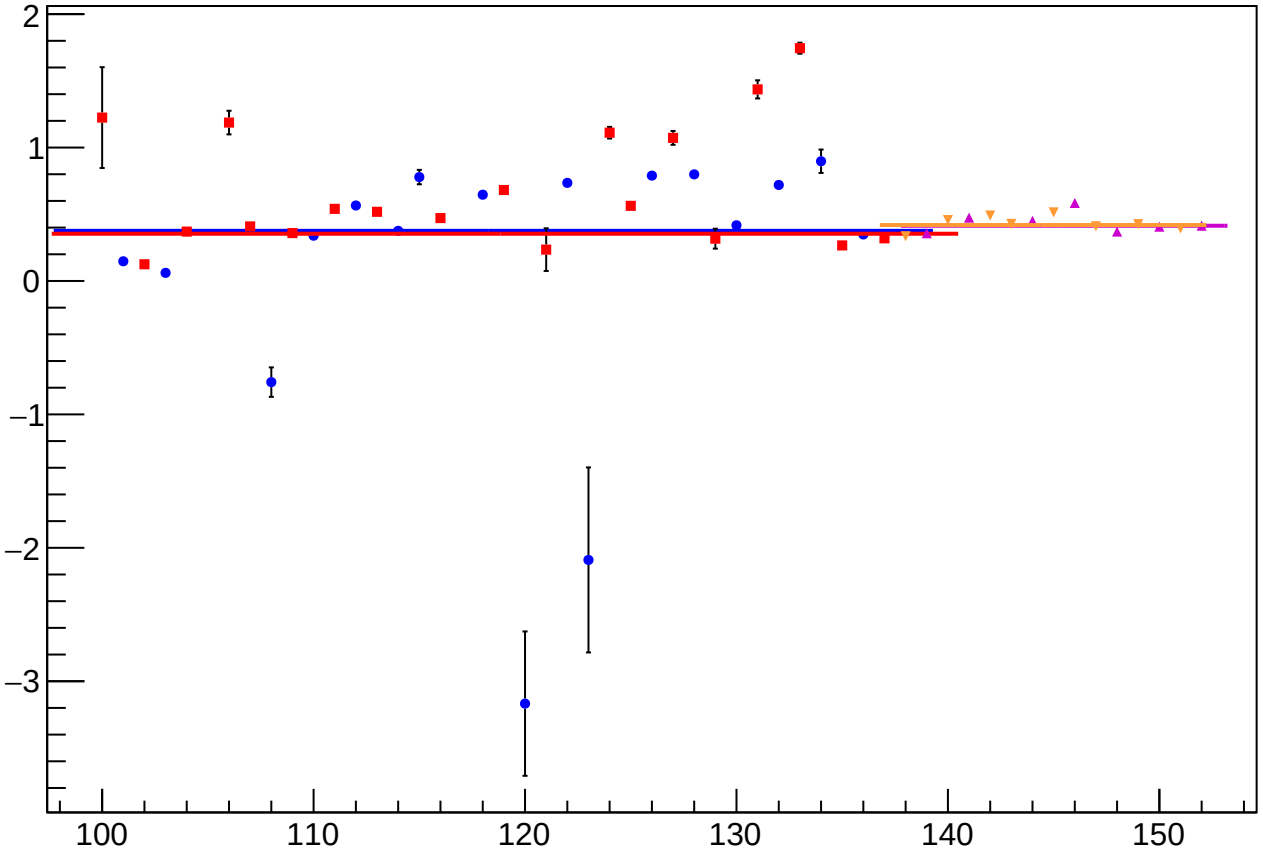
Left In: -131.905+/-0.086 χ^2/NDF:1898.6/6

+ sign -123.524+/-0.000 χ^2/NDF: 175531.3/24

All: -124.716+/-0.000 χ^2/NDF: 6446786990

- sign -133.456+/-0.000 χ^2/NDF: 397117.4/25

dit_sam7_11X12X_slope vs Slug



Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.419+/-0.001 χ^2/NDF:870.0/7

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

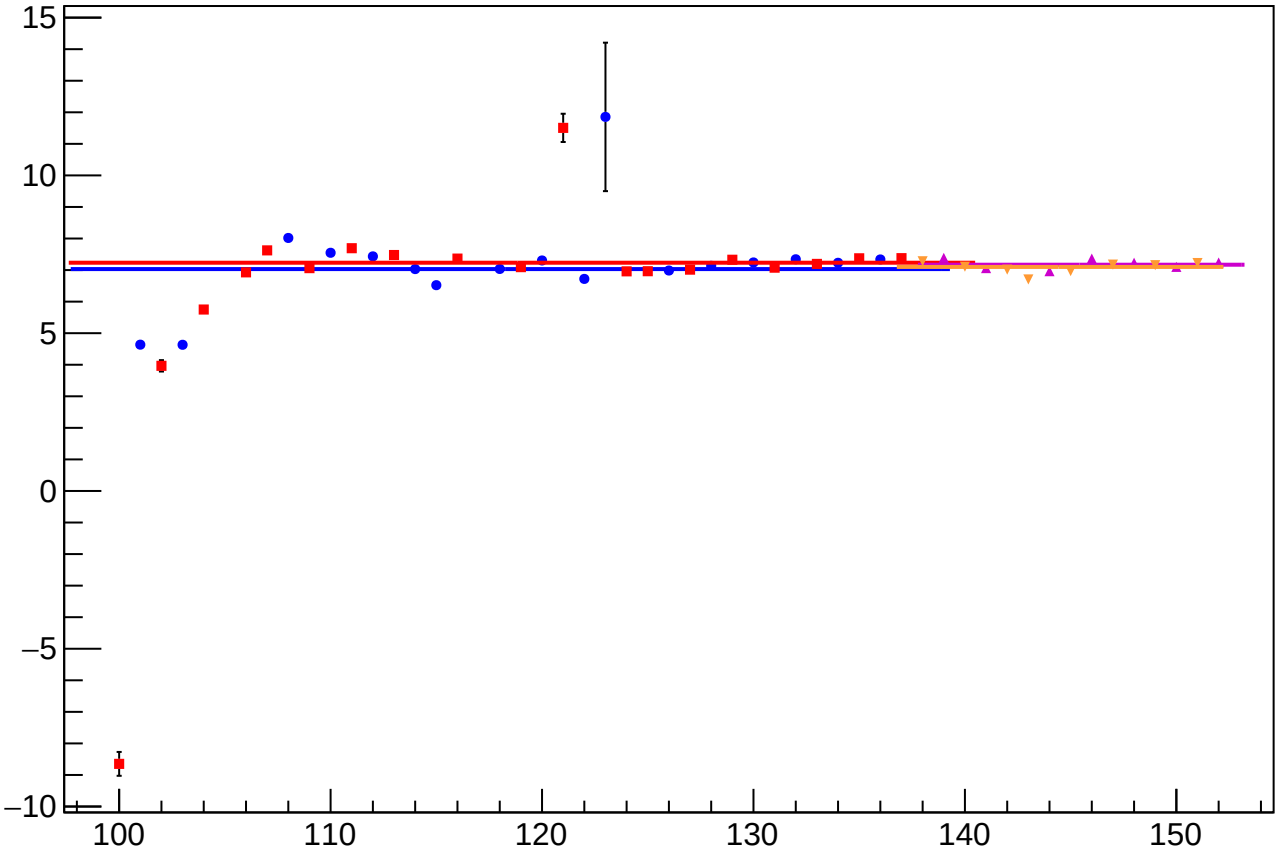
Left In: 0.414+/-0.001 χ^2/NDF:2851.6/6

+ sign 0.376+/-0.000 χ^2/NDF: 7536.5/24

All: 0.376+/-0.000 χ^2/NDF: 17681.4/50

- sign 0.402+/-0.001 χ^2/NDF: 8699.2/25

dit_sam7_4aY_slope vs Slug



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.100+/-0.001 χ^2/NDF:13049.7/7

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

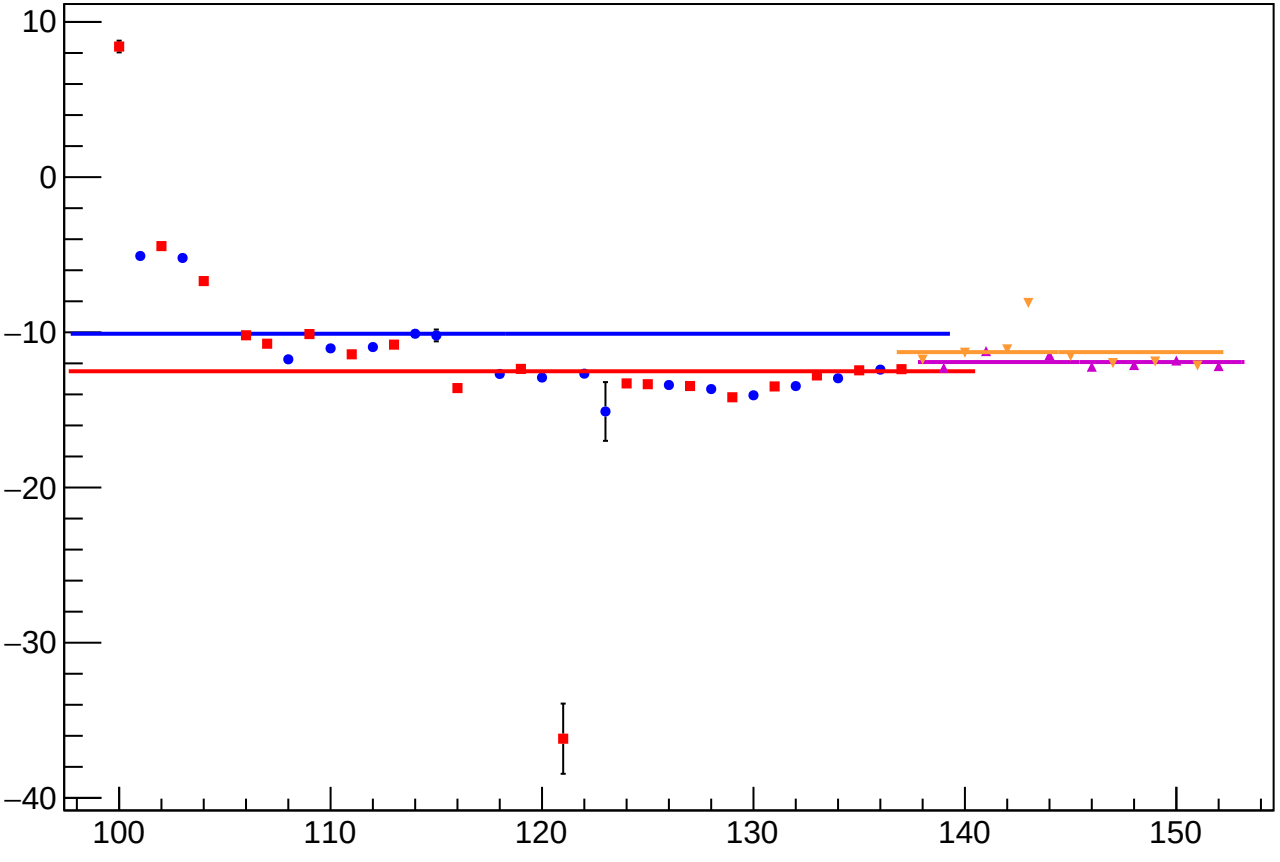
Left In: 7.170+/-0.001 χ^2/NDF:7311.2/6

+ sign 7.032+/-0.000 χ^2/NDF: 34888.9/24

All: 7.032+/-0.000 χ^2/NDF: 67992.6/50

- sign 7.188+/-0.001 χ^2/NDF: 17879.8/25

dit_sam7_4eY_slope vs Slug



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.275+/-0.003 χ^2/NDF:348203.2/7

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

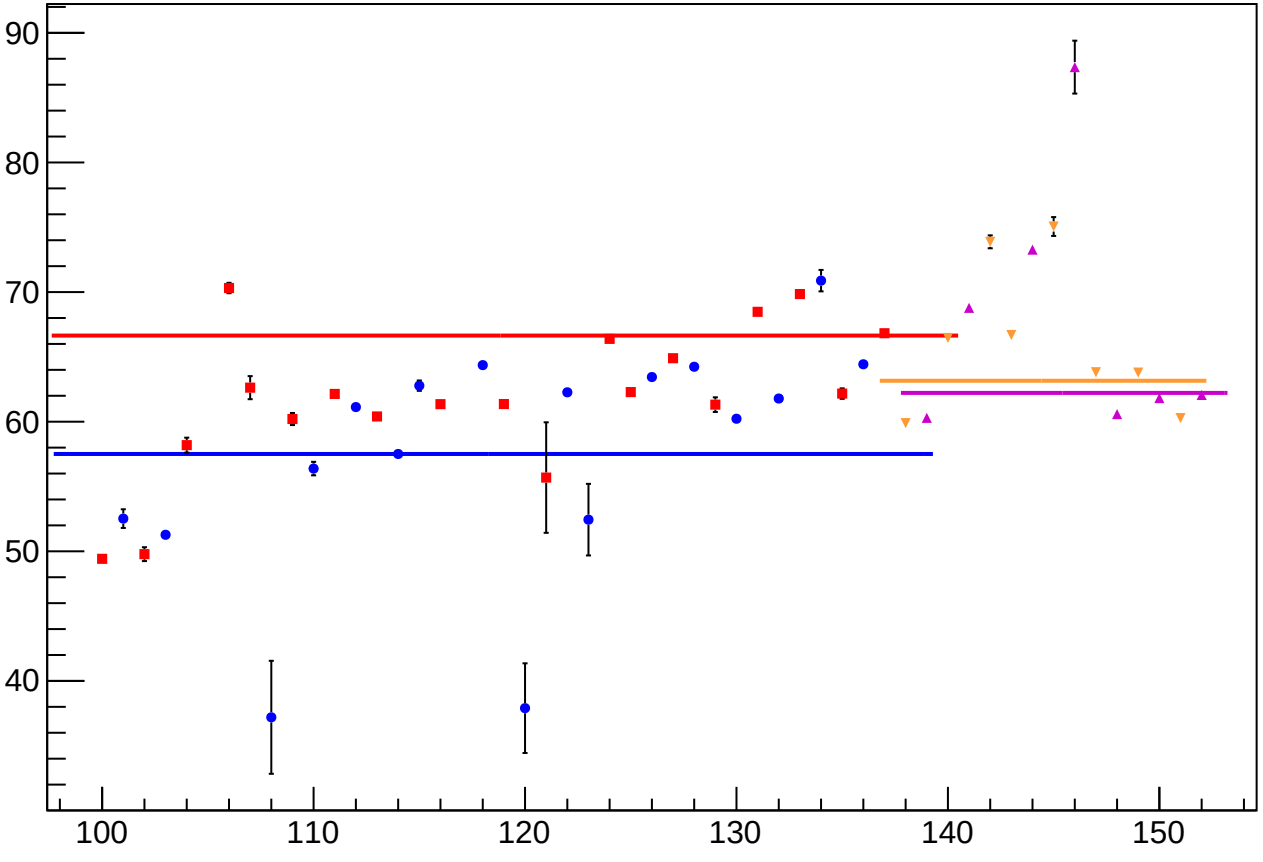
Left In: -11.915+/-0.003 χ^2/NDF:9564.7/6

+ sign -10.092+/-0.000 χ^2/NDF: 1108625.1/24

All: -10.092+/-0.000 χ^2/NDF: 1956558.4/50

- sign -12.167+/-0.002 χ^2/NDF: 127481.5/25

dit_sam8_4aX_slope vs Slug



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 63.159+/-0.066 χ^2/NDF:2238.6/7

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

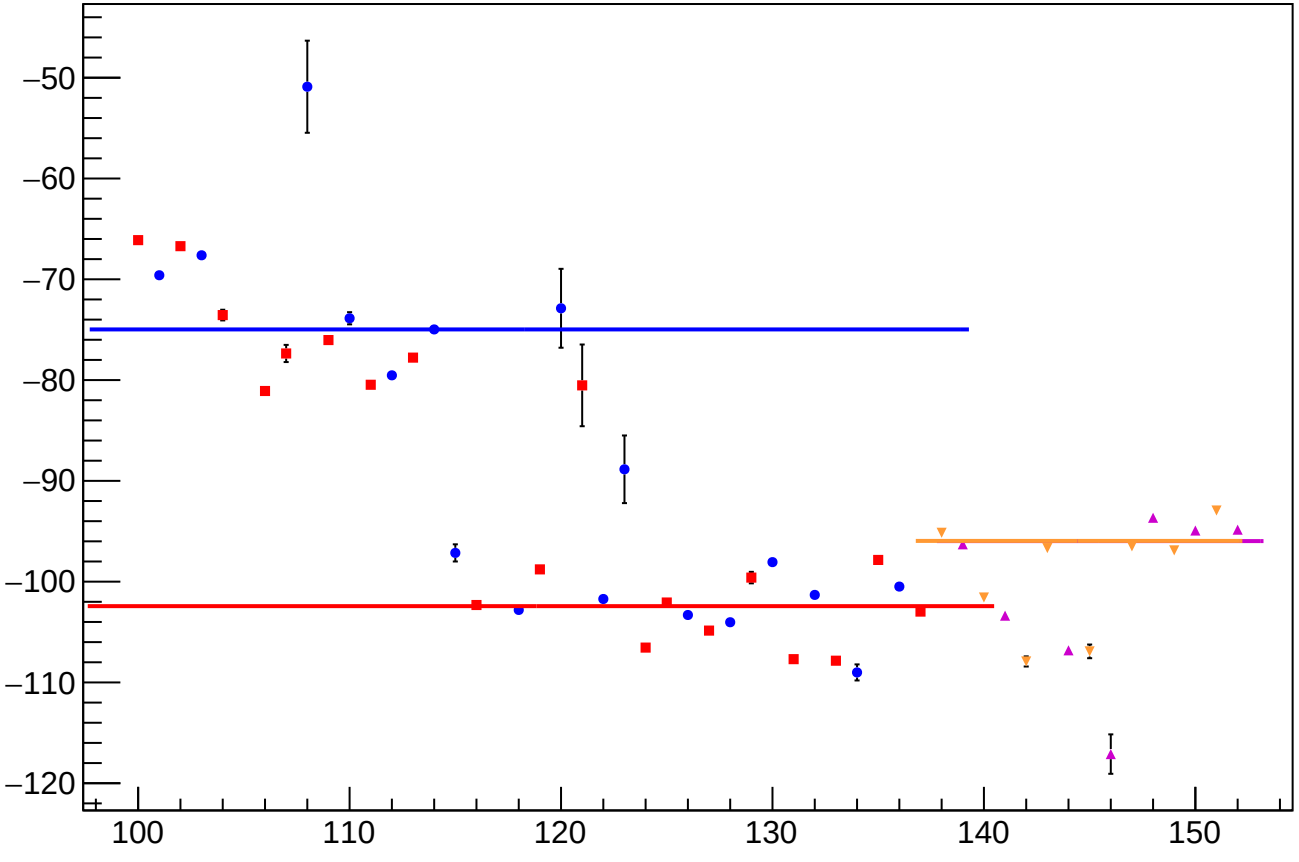
Left In: 62.222+/-0.055 χ^2/NDF:2551.2/6

+ sign 57.510+/-0.000 χ^2/NDF: 17619.2/24

All: 57.510+/-0.000 χ^2/NDF: 523811.2/50

- sign 66.409+/-0.013 χ^2/NDF: 16812.9/25

dit_sam8_4eX_slope vs Slug



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -95.958+/-0.068 χ^2/NDF:2228.8/7

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

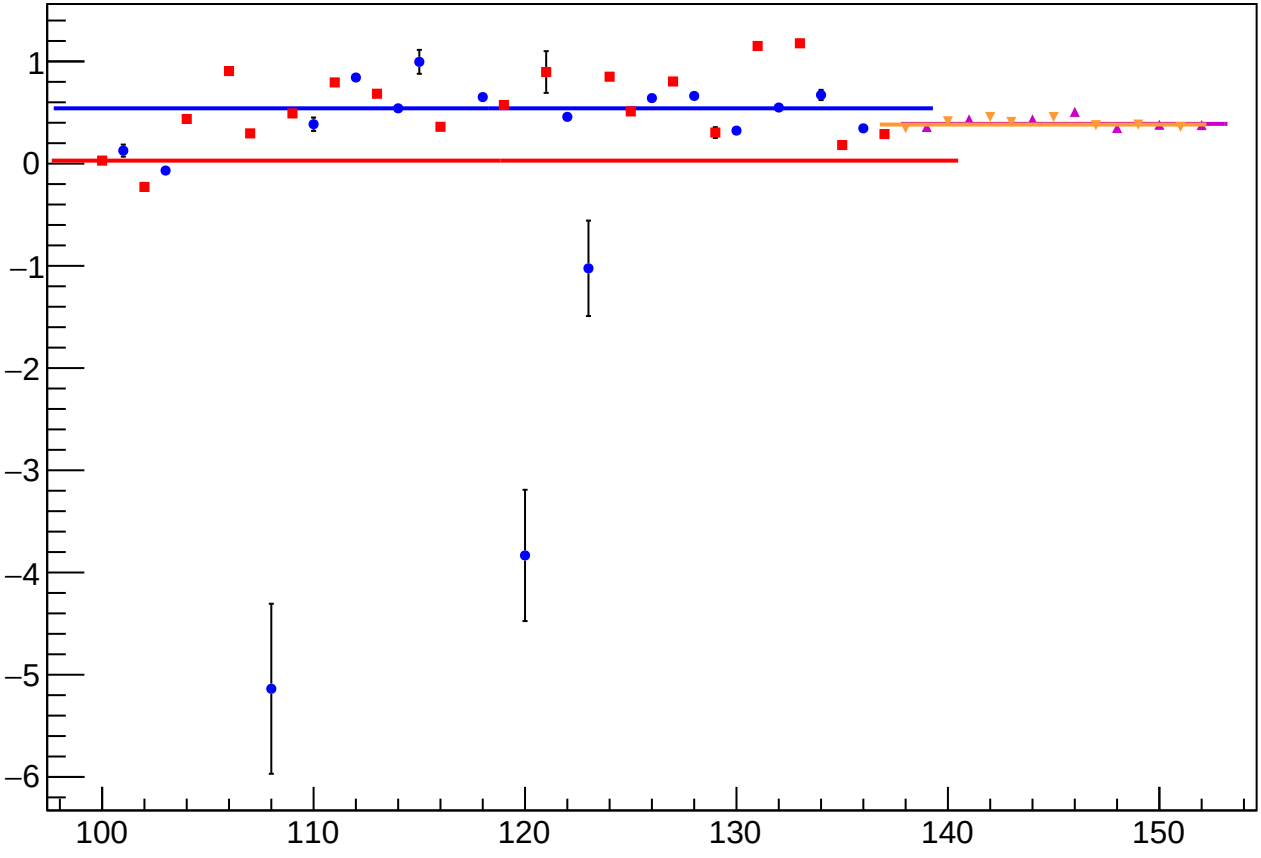
Left In: -95.976+/-0.057 χ^2/NDF:2880.5/6

+ sign -74.974+/-0.000 χ^2/NDF: 229096.9/24

All: -74.974+/-0.000 χ^2/NDF: 2794230.8/50

- sign -101.854+/-0.017 χ^2/NDF: 64979.6/25

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.382+/-0.001 χ^2/NDF:1152.2/7

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

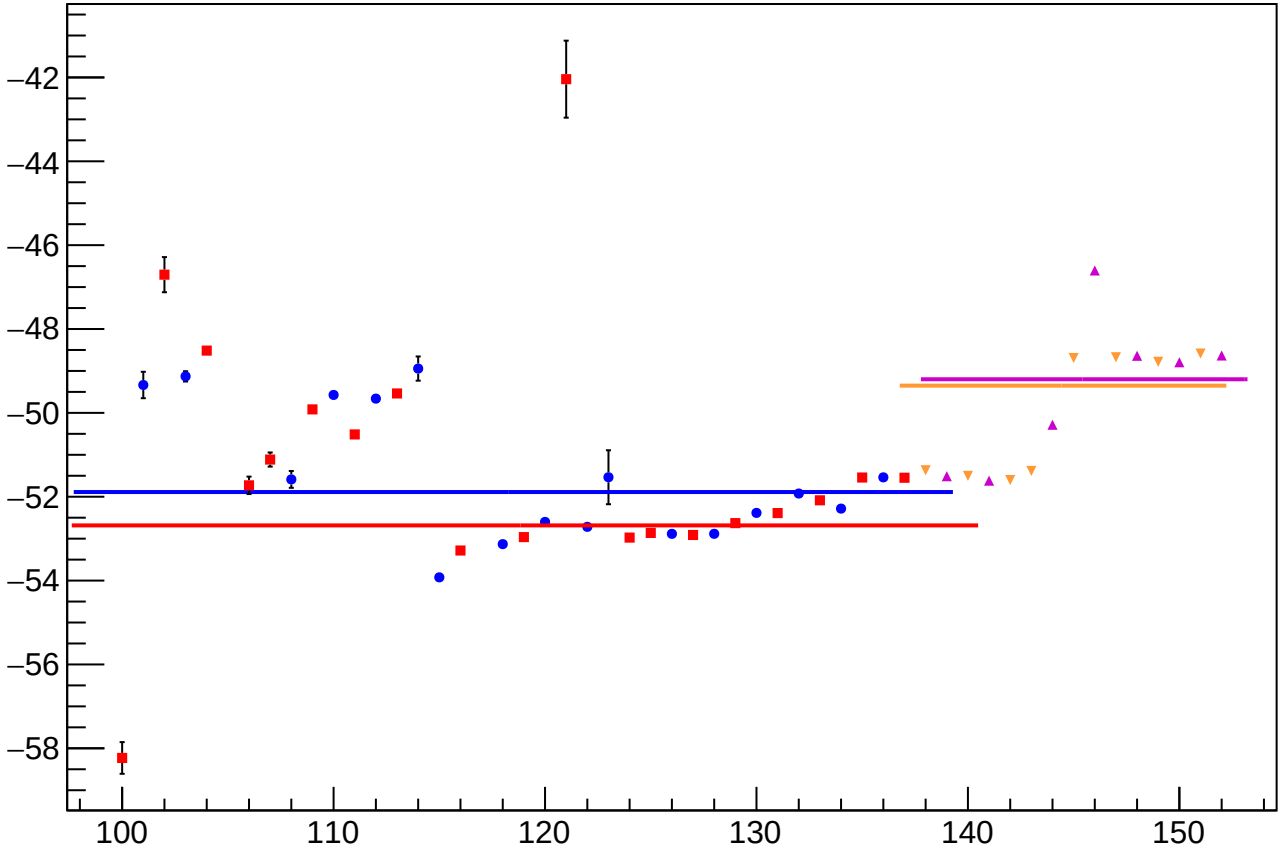
Left In: 0.389+/-0.001 χ^2/NDF:2379.6/6

+ sign 0.541+/-0.000 χ^2/NDF: 91535.9/24

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

- sign 0.030+/-0.000 χ^2/NDF: 536998.6/25

dit_sam8_4aY_slope vs Slug



Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -49.350+/-0.002 χ^2/NDF:296200.6/7

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

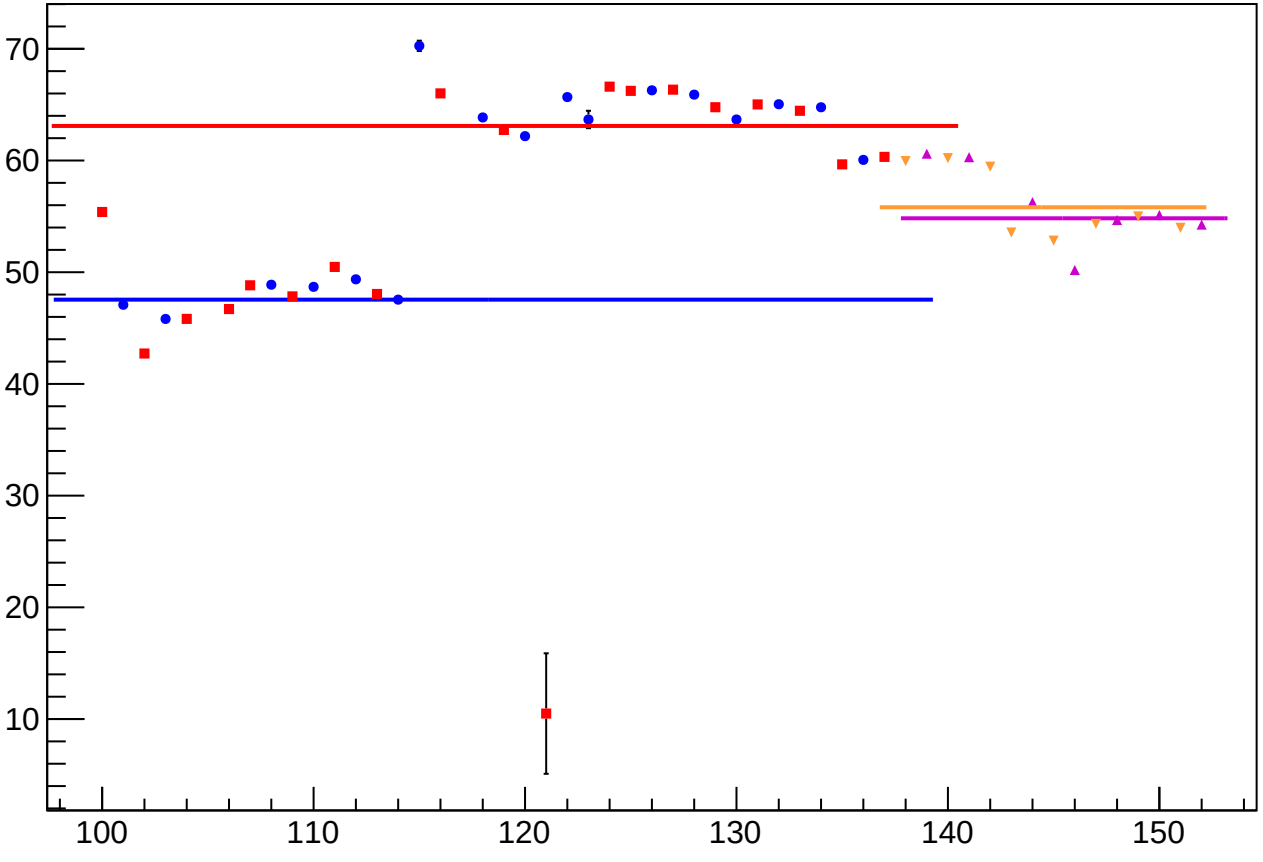
Left In: -49.198+/-0.002 χ^2/NDF:470480.4/6

+ sign -50.558+/-0.002 χ^2/NDF: 1053365.5/24

All: -50.366+/-0.001 χ^2/NDF: 2923356.1/50

- sign -50.212+/-0.001 χ^2/NDF: 1841815.2/25

dit_sam8_4eY_slope vs Slug



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 55.814+/-0.006 χ^2/NDF:202161.1/7

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

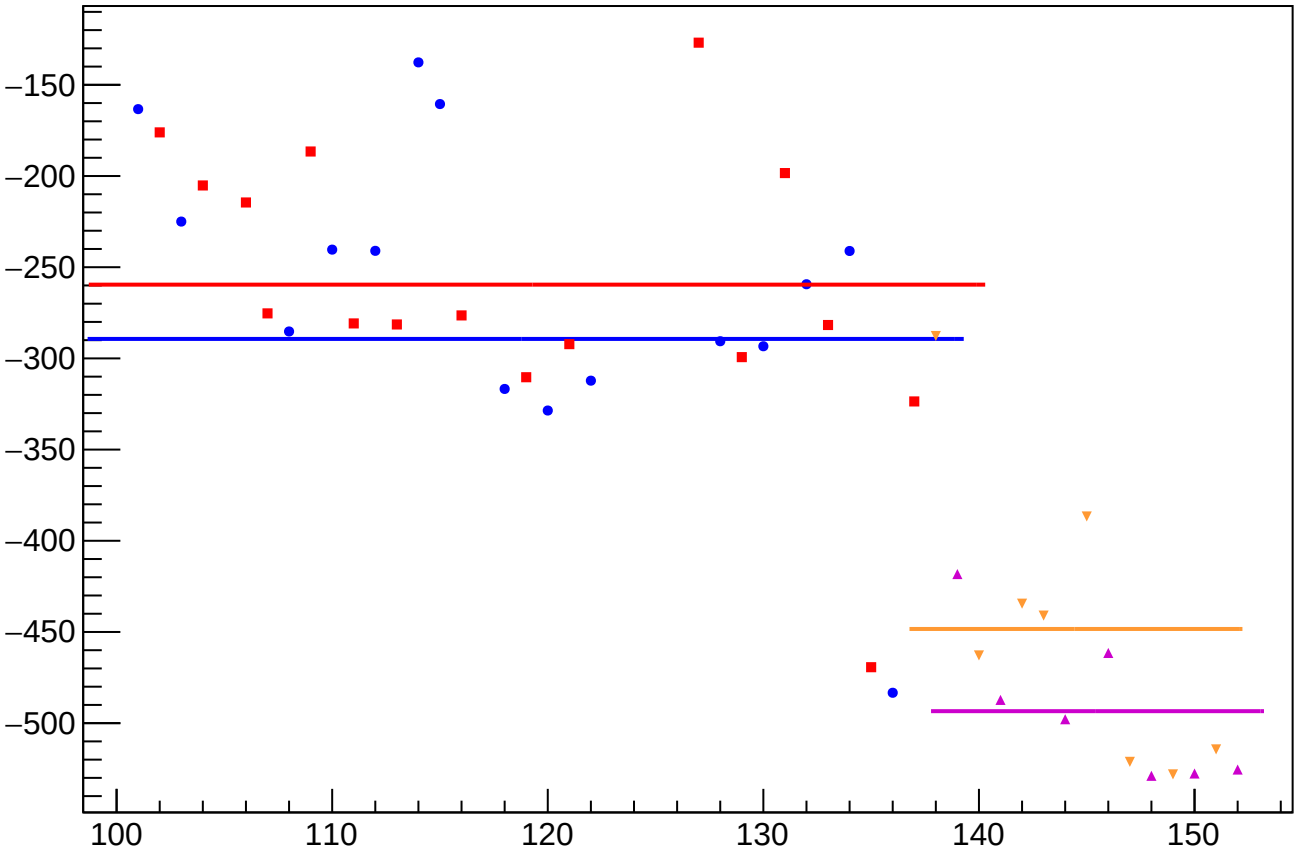
Left In: 54.827+/-0.004 χ^2/NDF:74259.2/6

+ sign 47.545+/-0.000 χ^2/NDF: 5785769.6/24

All: 47.545+/-0.000 χ^2/NDF: 13794695.3/50

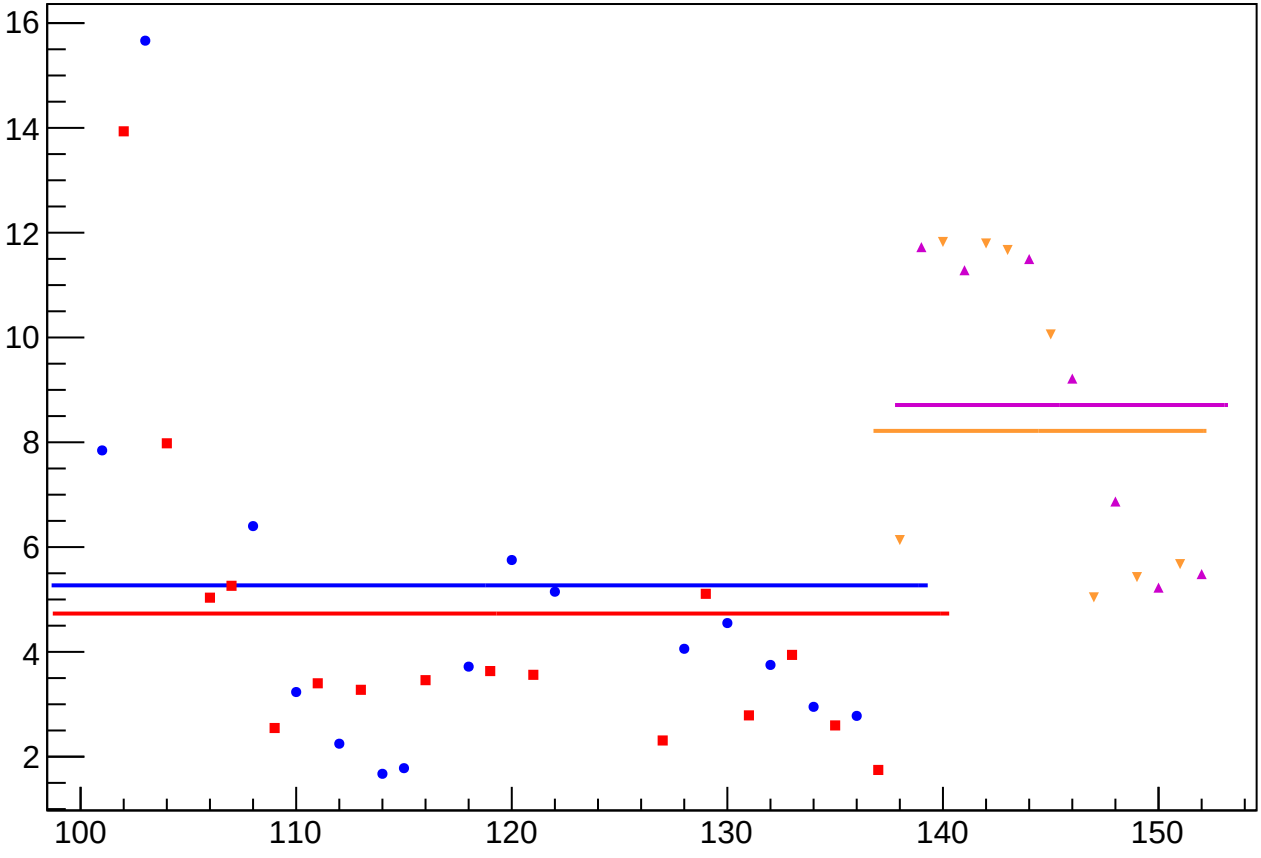
- sign 56.687+/-0.004 χ^2/NDF: 1356550.2/25

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14
+ sign -365.251+/-0.000 χ^2/NDF: 16840485721207
Left Out: -448.350+/-0.000 χ^2/NDF:36342573763777256198342332376353341 44.0/7
All: -367.804+/-0.000 χ^2/NDF: 3928049642 7
Right Out: -259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707141 12.0/15
- sign -370.308+/-0.000 χ^2/NDF: 22423973841998 3
Left In: -493.425+/-0.000 χ^2/NDF:84826341868192150146661644674636185 6.0/6

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

Left Out: 8.218+/-0.000 χ^2/NDF:500495465411294949280172236550963 2.0/7

Right Out: 4.732+/-0.000 χ^2/NDF: 685689307257521156280228142645248 0.0/15

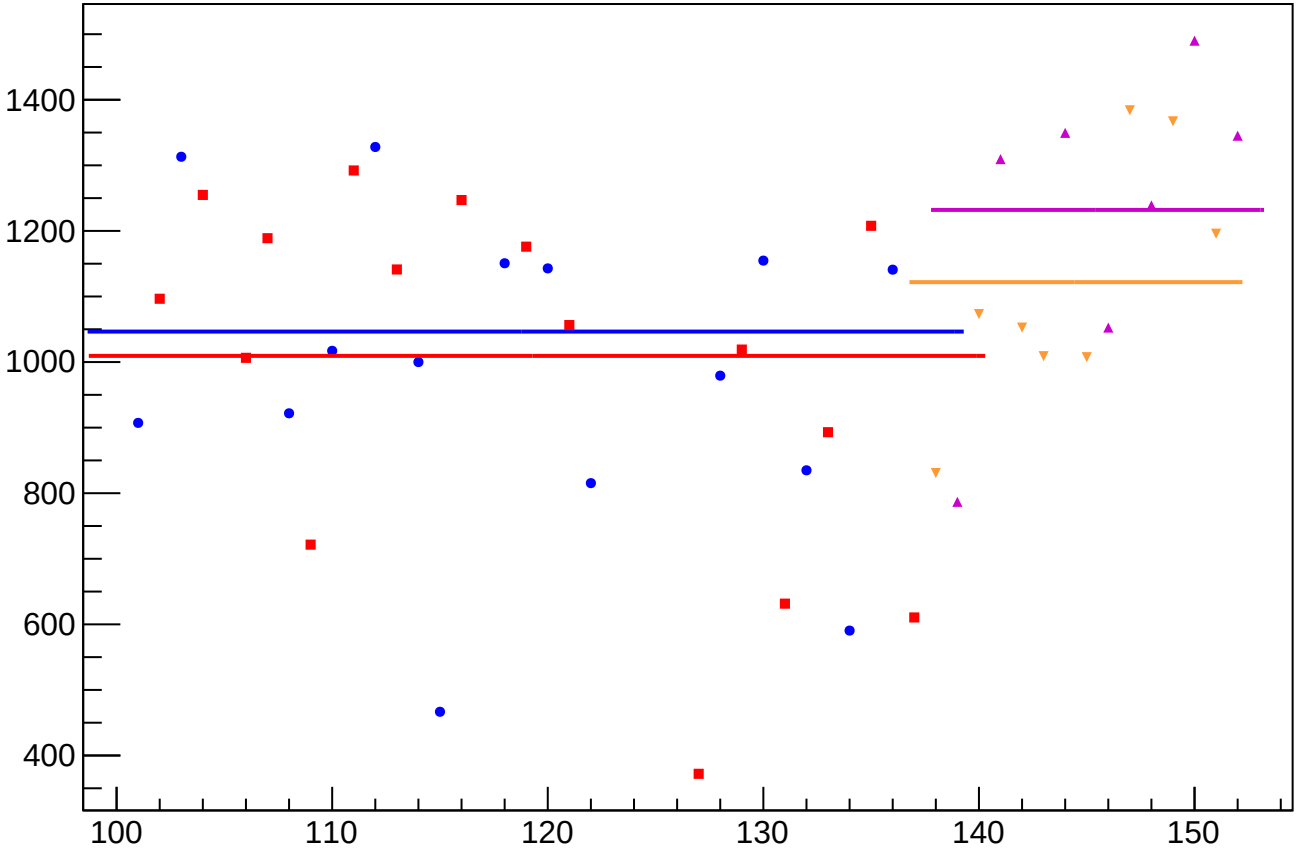
Left In: 8.711+/-0.000 χ^2/NDF:430551741178342101299798640007577 6.0/6

+ sign 6.677+/-0.000 χ^2/NDF: 1640758880984744 5

All: 6.646+/-0.000 χ^2/NDF: 3257534502511 6

- sign 6.616+/-0.000 χ^2/NDF: 1616543084341158 4

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:197695129233448461838613959385924239 36.0/7

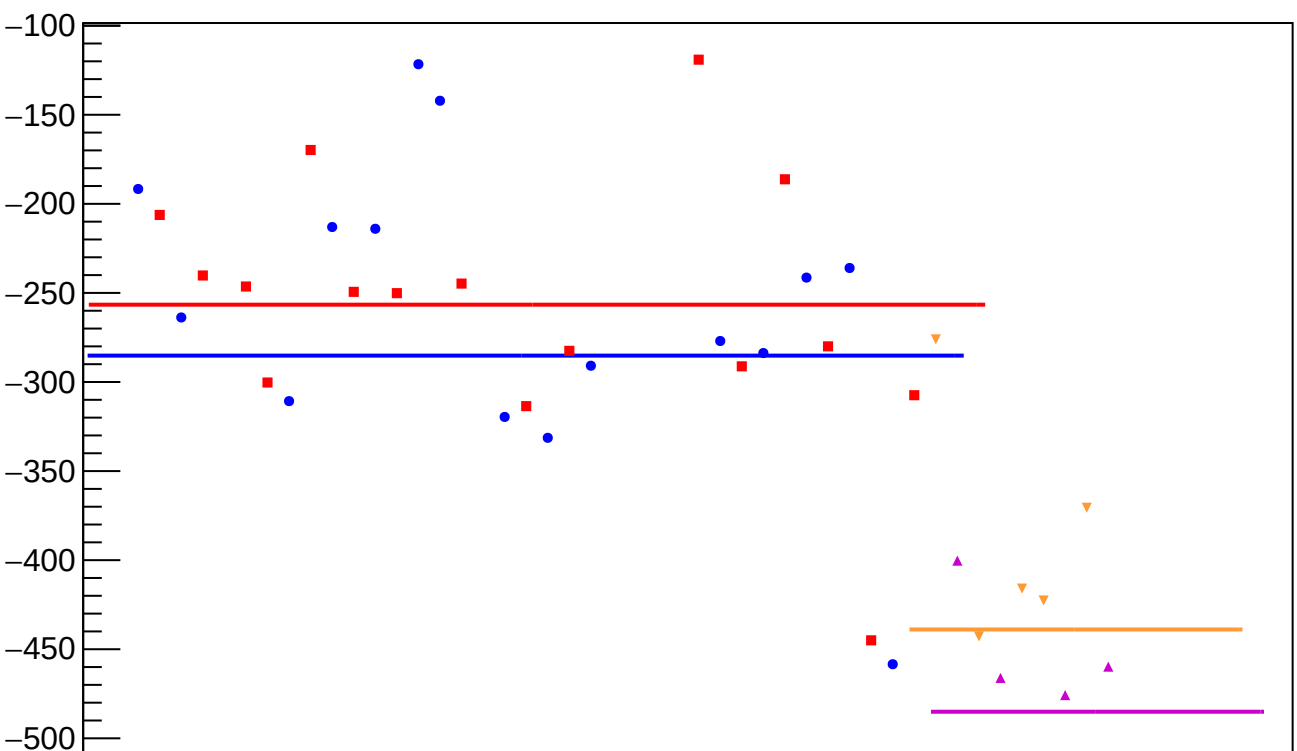
All: 1098.831+/-0.000 χ^2/NDF: 1349494140 1

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:276425891620151868819492345389997096 96.0/6

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14

Left Out: -438.923+/-0.000 χ^2/NDF:418361155727918770372665308594202214 4.0/7

Right Out: -256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

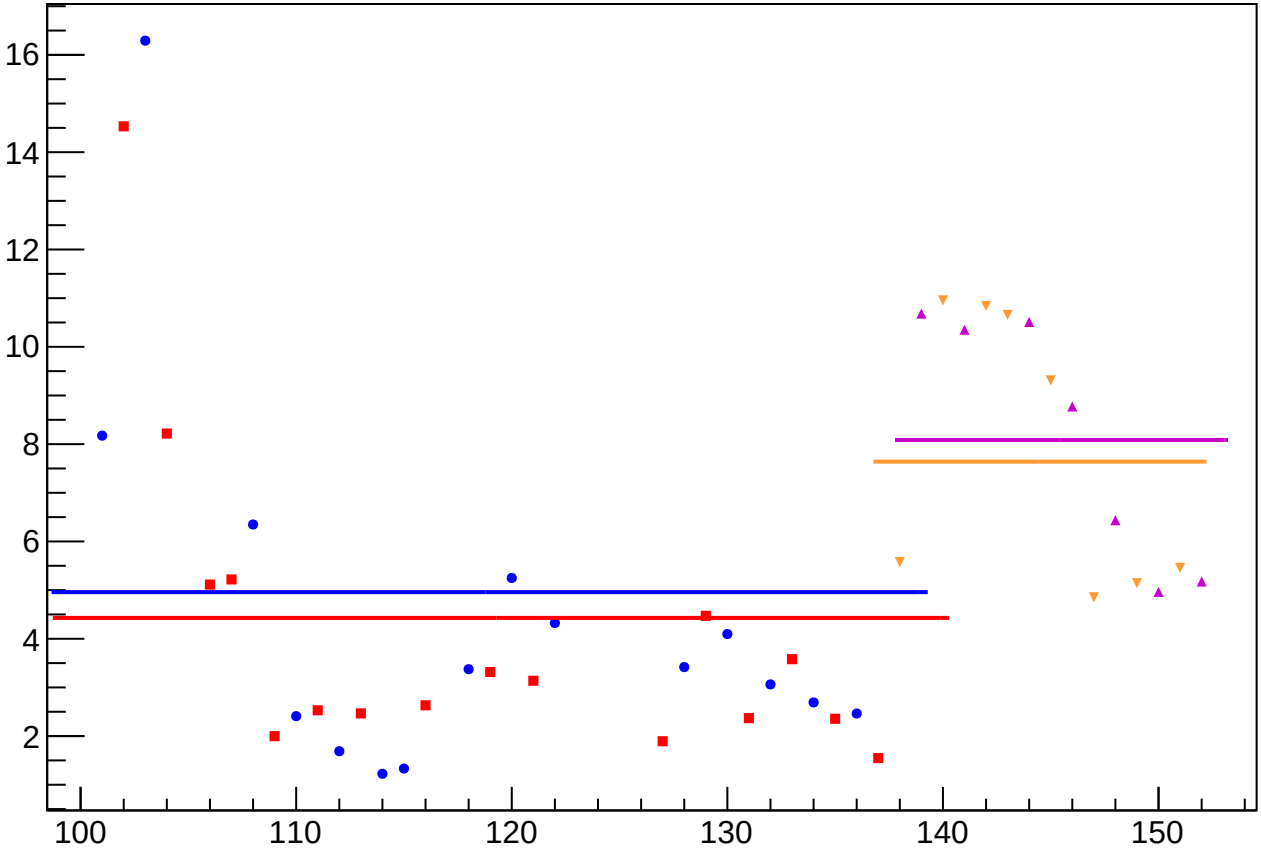
Left In: -485.071+/-0.000 χ^2/NDF:117226232538730697470376867939326361 6.0/6

+ sign -358.589+/-0.000 χ^2/NDF: 15986862544572

All: -361.722+/-0.000 χ^2/NDF: 3731944716 2

- sign -364.794+/-0.000 χ^2/NDF: 21308434145360 3

dit_4eX_coil1_err_mean vs Slug



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 7.640+/-0.000 χ^2/NDF:4036310561932536946762951038074880.0/7

Right Out: 4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

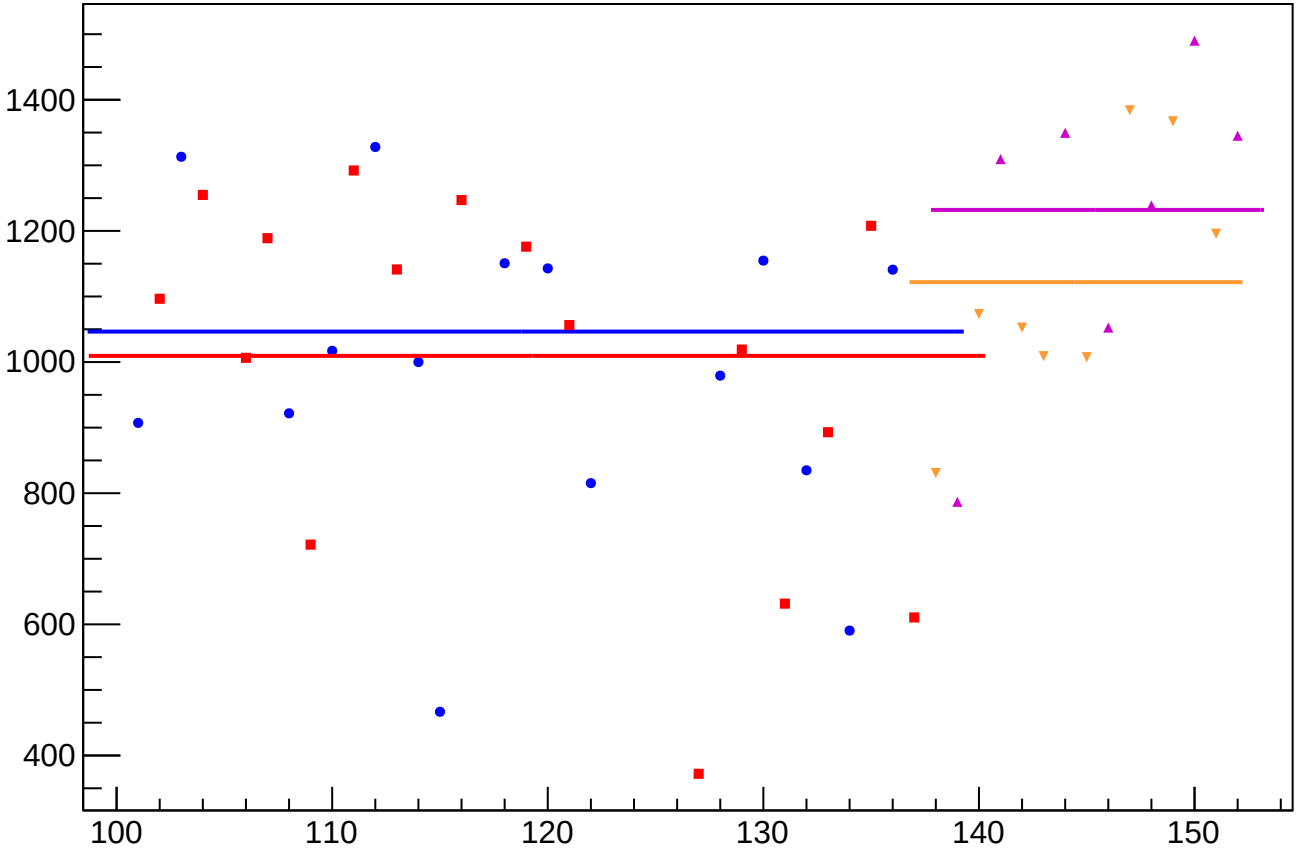
Left In: 8.086+/-0.000 χ^2/NDF:3396442059738156999511820652773376.0/6

+ sign 6.239+/-0.000 χ^2/NDF: 1672885915762255 2

All: 6.199+/-0.000 χ^2/NDF: 3272532494670 4

- sign 6.161+/-0.000 χ^2/NDF: 1599264125556182 1

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:197695129233448461838613959385924239 36.0/7

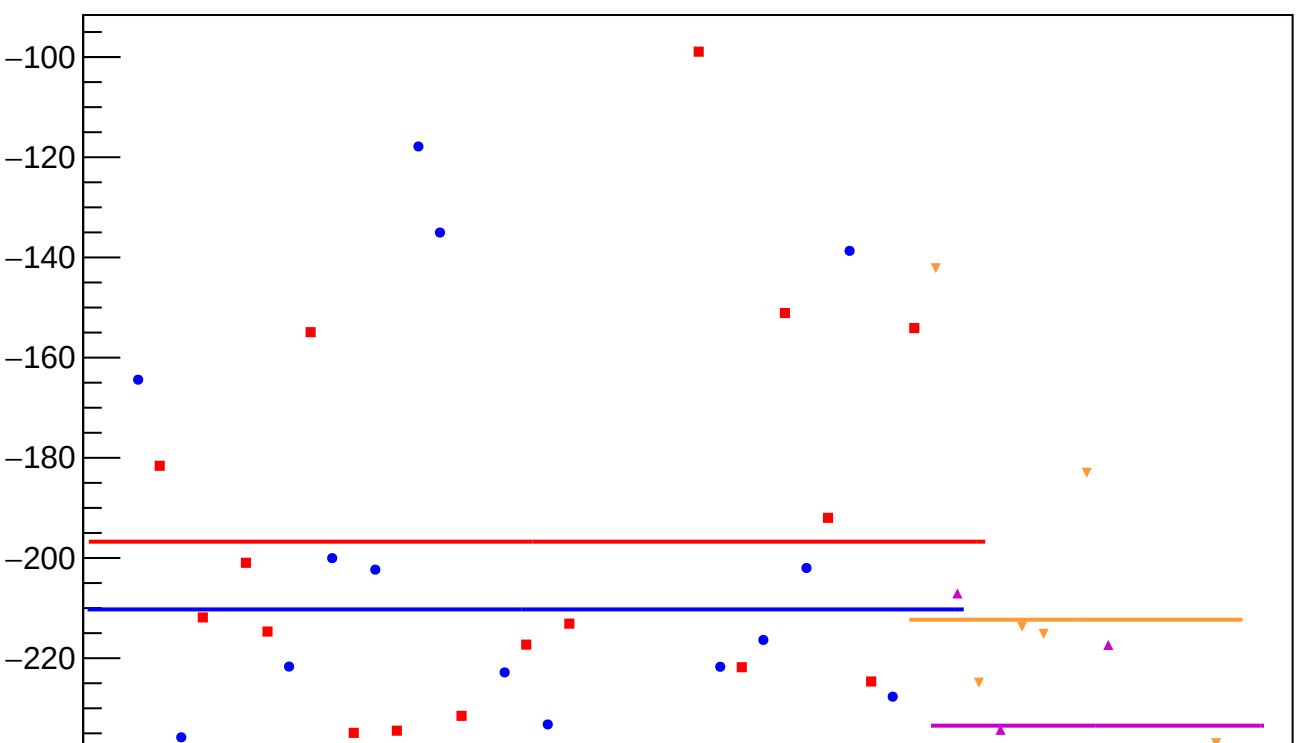
All: 1098.831+/-0.000 χ^2/NDF: 1349494140 1

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:276425891620151868819492345389997096 96.0/6

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF: 567711076568068409192467700494893056.0/14

+ sign -211.240+/-0.000 χ^2/NDF: 12171634608944

Left Out: -212.311+/-0.000 χ^2/NDF:648150473690845466337124848030973952.0/7

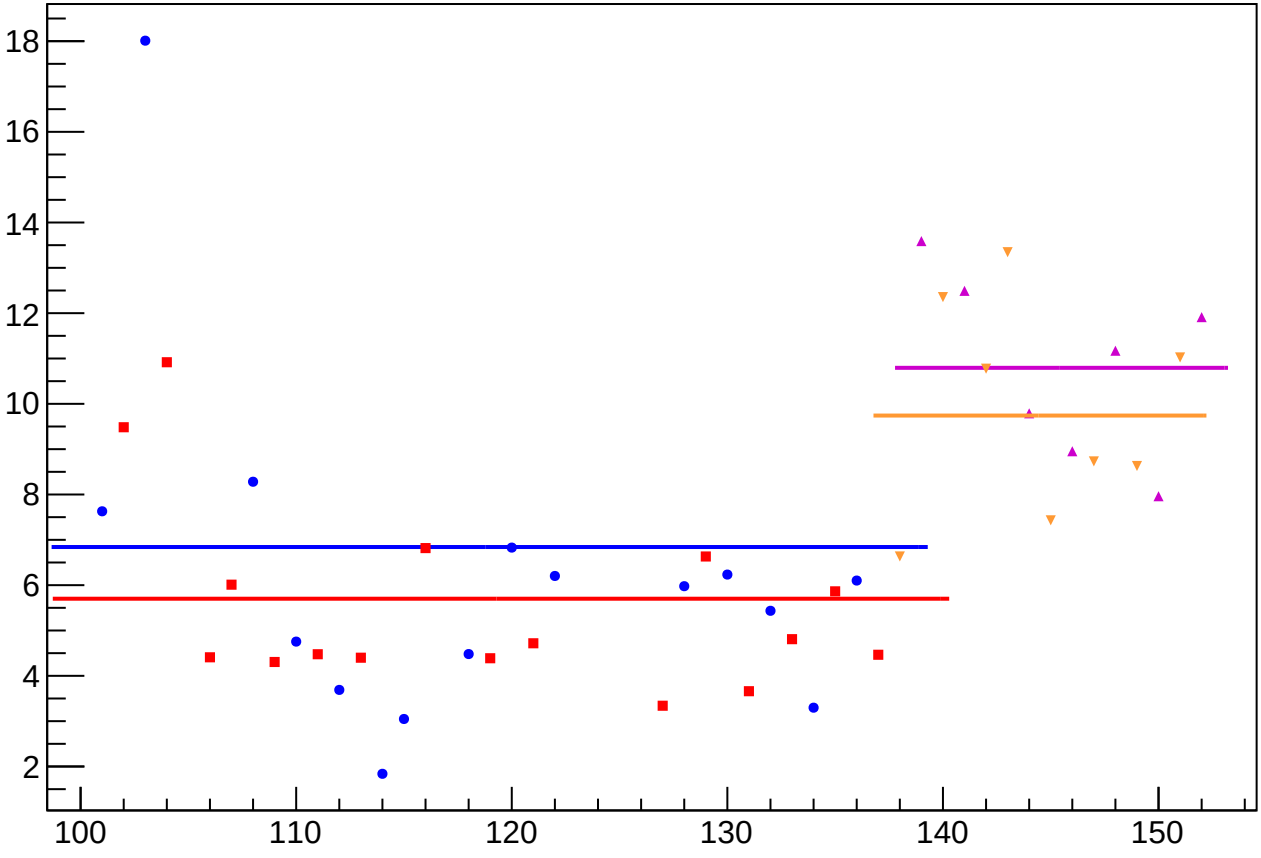
All: -212.699+/-0.000 χ^2/NDF: 2669820180 2

Right Out: -196.736+/-0.000 χ^2/NDF: 909588895093044840633640514790359040.0/15

- sign -214.129+/-0.000 χ^2/NDF: 14474215717478 2

Left In: -233.464+/-0.000 χ^2/NDF:1117538157740769098223441292726108 16.0/6

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000 χ^2/NDF: 9355934166823324467316647620771840.0/14

Left Out: 9.742+/-0.000 χ^2/NDF:297568993262526176573560390156288 0.0/7

Right Out: 5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15

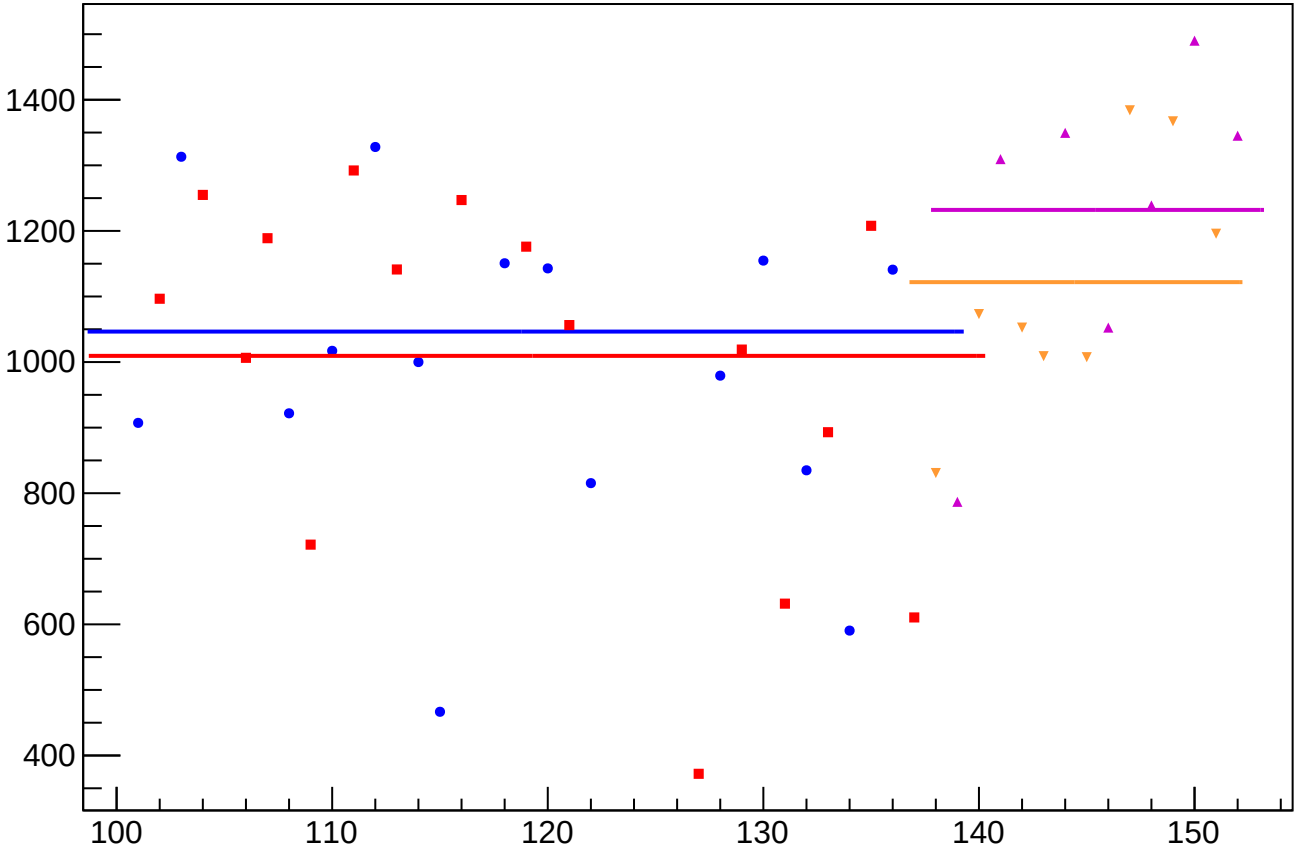
Left In: 10.794+/-0.000 χ^2/NDF:2099716708822228754682177717796864.0/6

+ sign 8.226+/-0.000 χ^2/NDF: 1493760448960437 9

All: 8.169+/-0.000 χ^2/NDF: 2841390655761 1

- sign 8.113+/-0.000 χ^2/NDF: 13468284389028551

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:197695129233448461838613959385924239 36.0/7

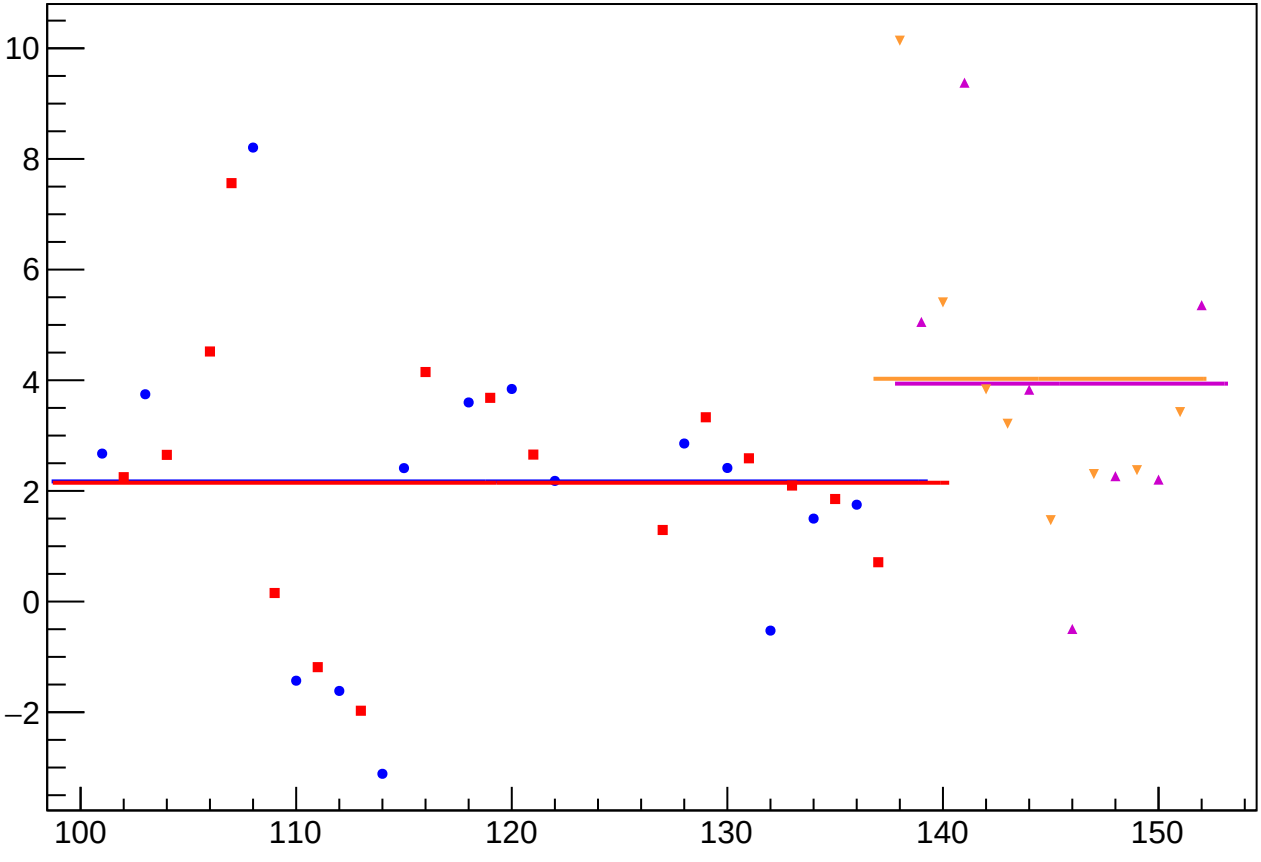
All: 1098.831+/-0.000 χ^2/NDF: 1349494140 1

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:276425891620151868819492345389997096 96.0/6

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

Left Out: 4.027+/-0.000 χ^2/NDF:4132745825467109424043773011165184.0/7

Right Out: 2.148+/-0.000 χ^2/NDF: 30938873362393789596063219318784 00.0/15

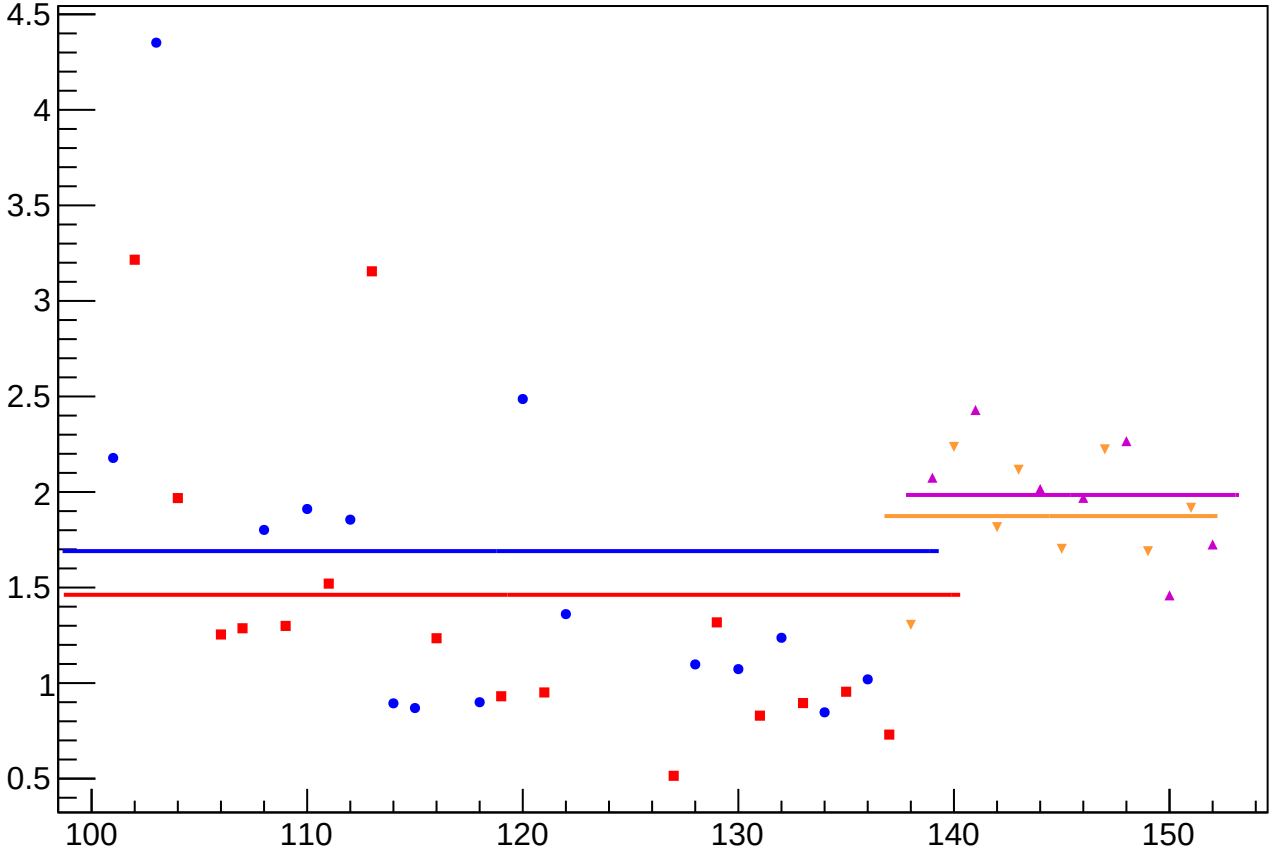
Left In: 3.939+/-0.000 χ^2/NDF:49324885325087488127408846887976 96.0/6

+ sign 3.057+/-0.000 χ^2/NDF: 8799246450355060 5

All: 3.026+/-0.000 χ^2/NDF: 1784138660685 0

- sign 2.996+/-0.000 χ^2/NDF: 90397764800435713

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Left Out: 1.874+/-0.000 χ^2/NDF:549904756189917157633915847966 72.0/7

Right Out: 1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

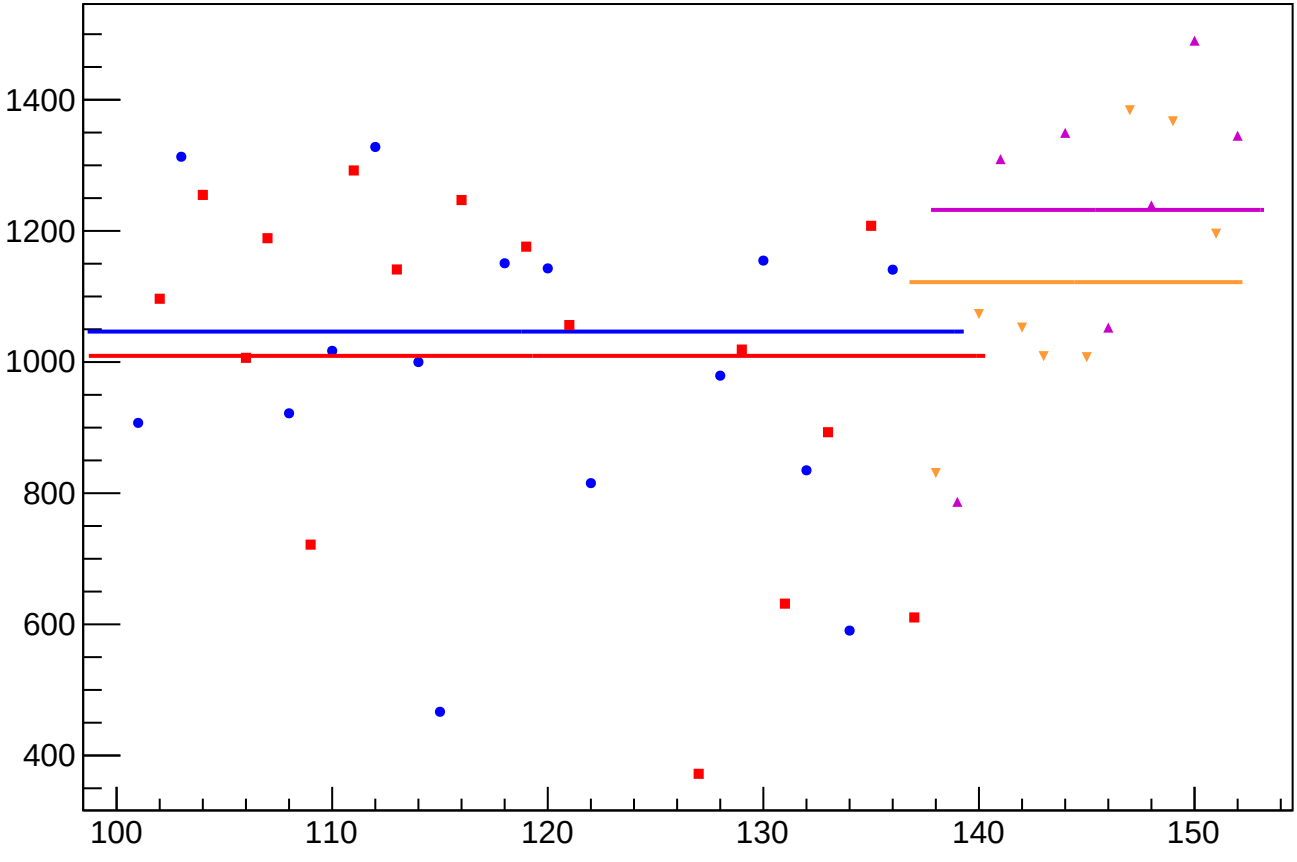
Left In: 1.985+/-0.000 χ^2/NDF:551936076125518769744390096158 72.0/6

+ sign 1.778+/-0.000 χ^2/NDF: 6775626221779186

All: 1.744+/-0.000 χ^2/NDF: 1266327457187

- sign 1.710+/-0.000 χ^2/NDF: 5858005203517382

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:19769512923344846183861395938592423936.0/7

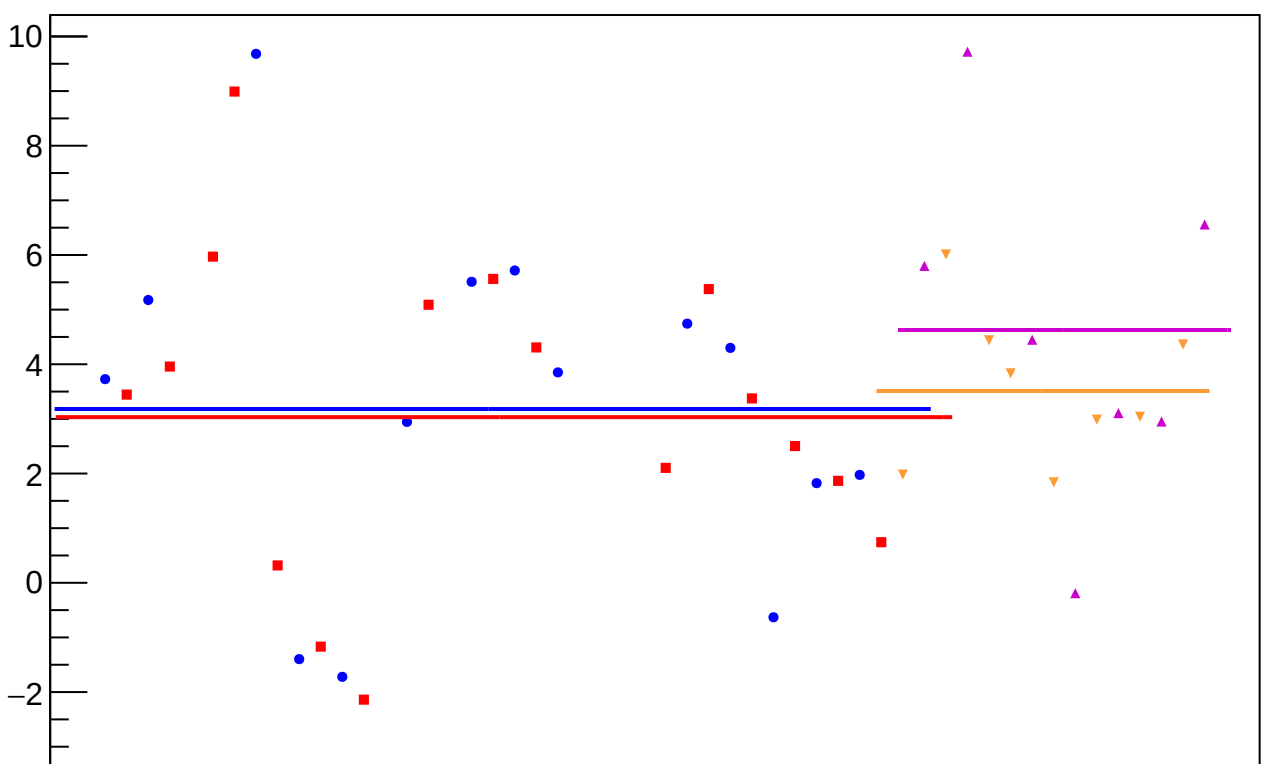
All: 1098.831+/-0.000 χ^2/NDF: 1349494140

Right Out: 1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:27642589162015186881949234538999709696.0/6

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Left Out: 3.510+/-0.000 χ^2/NDF:1063699216997645292438491355938816.0/7

Right Out: 3.032+/-0.000 χ^2/NDF: 4937209831371793945496546833334272.0/15

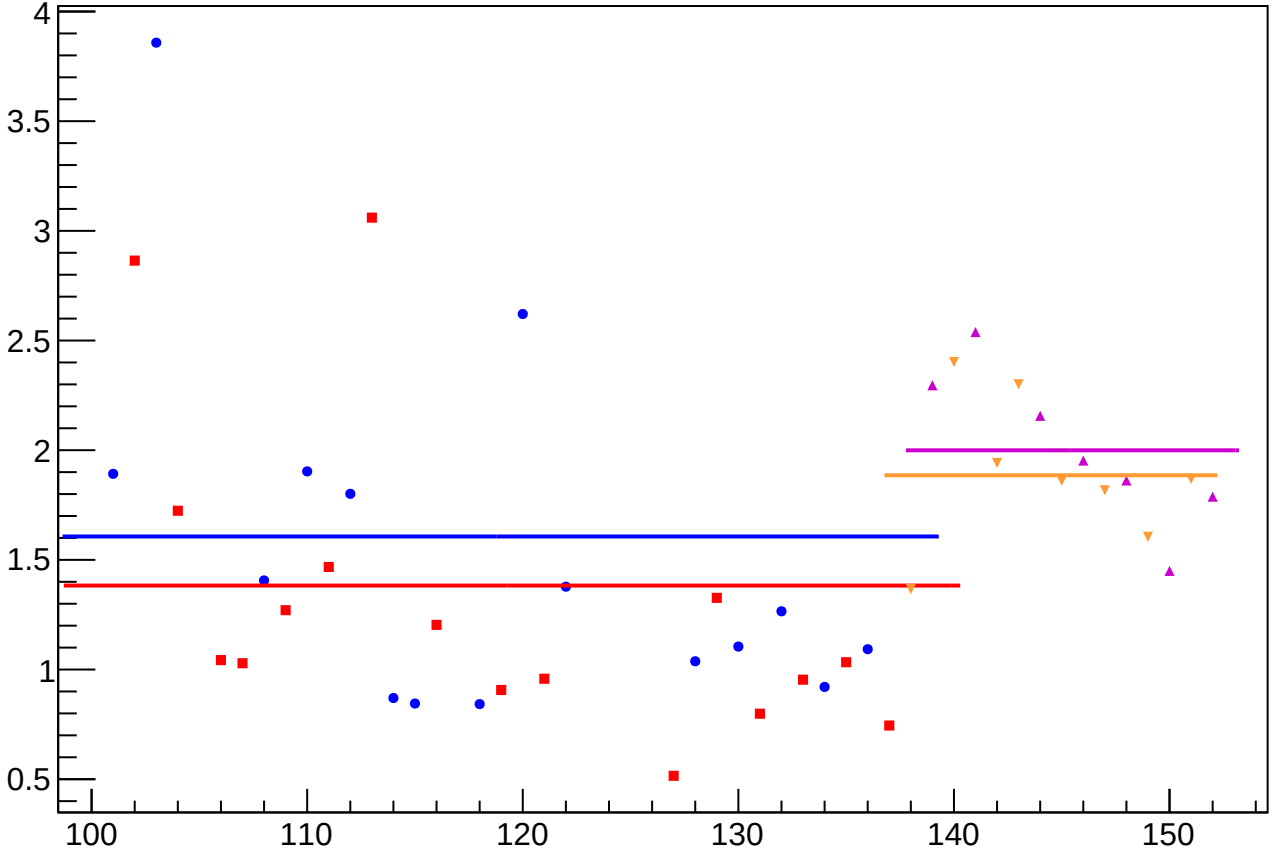
Left In: 4.627+/-0.000 χ^2/NDF:5020388992873274753518769696407552.0/6

+ sign 3.338+/-0.000 χ^2/NDF: 6930566342079355 1

All: 3.565+/-0.000 χ^2/NDF: 1781895057680 2

- sign 3.787+/-0.000 χ^2/NDF: 10761874768618218

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

Left Out: 1.886+/-0.000 χ^2/NDF:615731833196965763277022654627 84.0/7

Right Out: 1.383+/-0.000 χ^2/NDF: 35834889701628620095765033779 2000.0/15

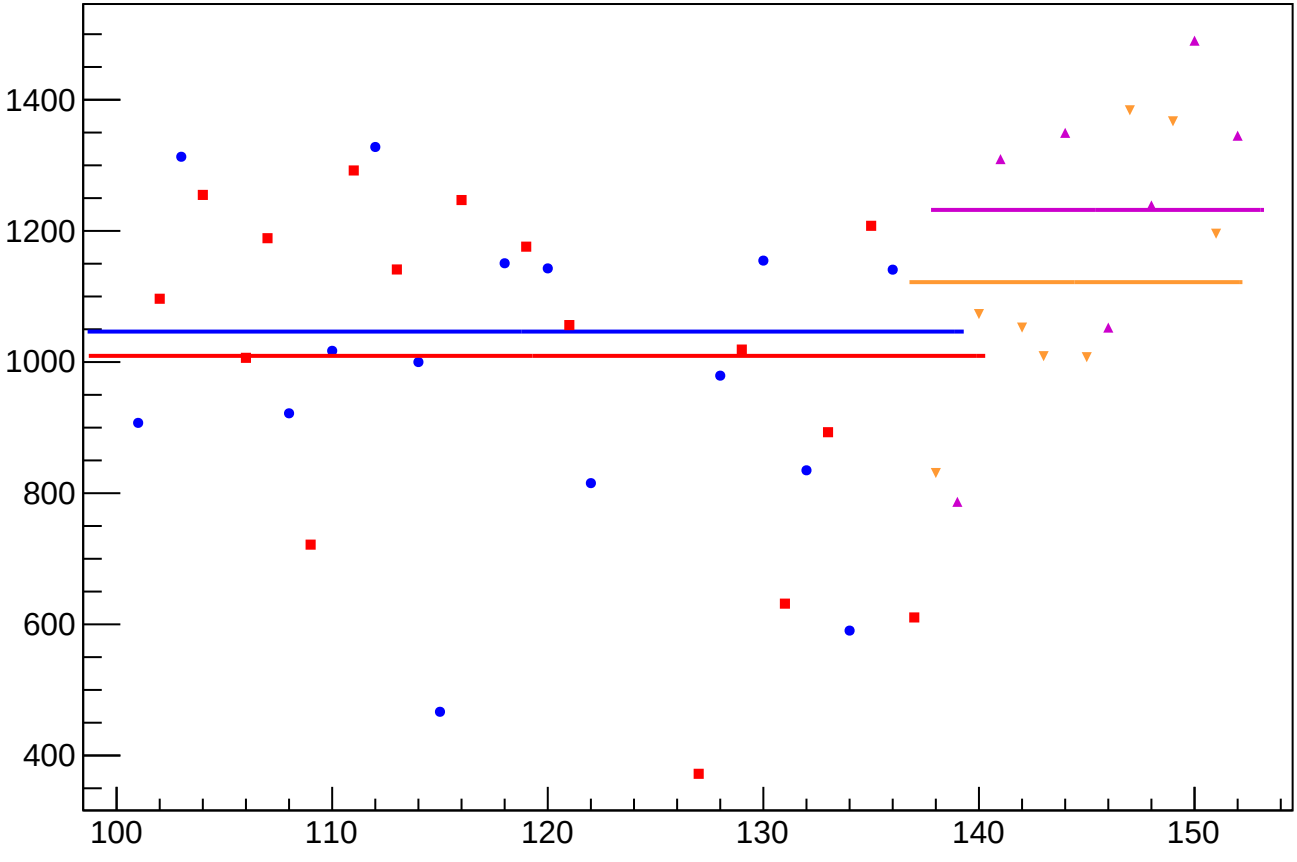
Left In: 1.999+/-0.000 χ^2/NDF:671821421426700789082533962711 04.0/6

+ sign 1.740+/-0.000 χ^2/NDF: 5466656105195204 2

All: 1.707+/-0.000 χ^2/NDF: 1094913803244 7

- sign 1.675+/-0.000 χ^2/NDF: 5455977688060096 8

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:197695129233448461838613959385924239 36.0/7

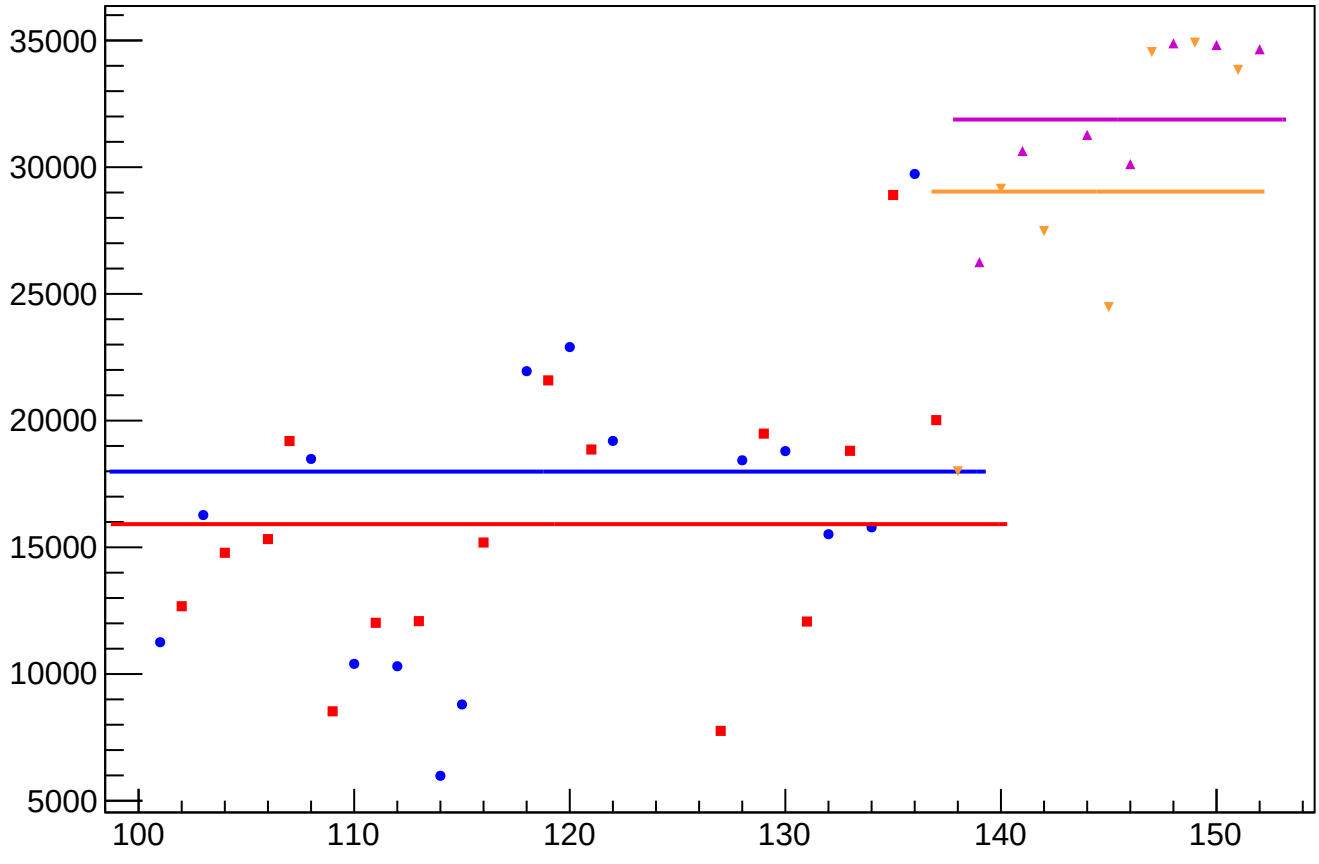
All: 1098.831+/-0.000 χ^2/NDF: 1349494140 1

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:276425891620151868819492345389997096 96.0/6

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

+ sign 22934.317+/-0.000 χ^2/NDF: 7861903739106

Left Out: 29037.053+/-0.000 χ^2/NDF:1833662051913790187976722444581051406745 6.0/6

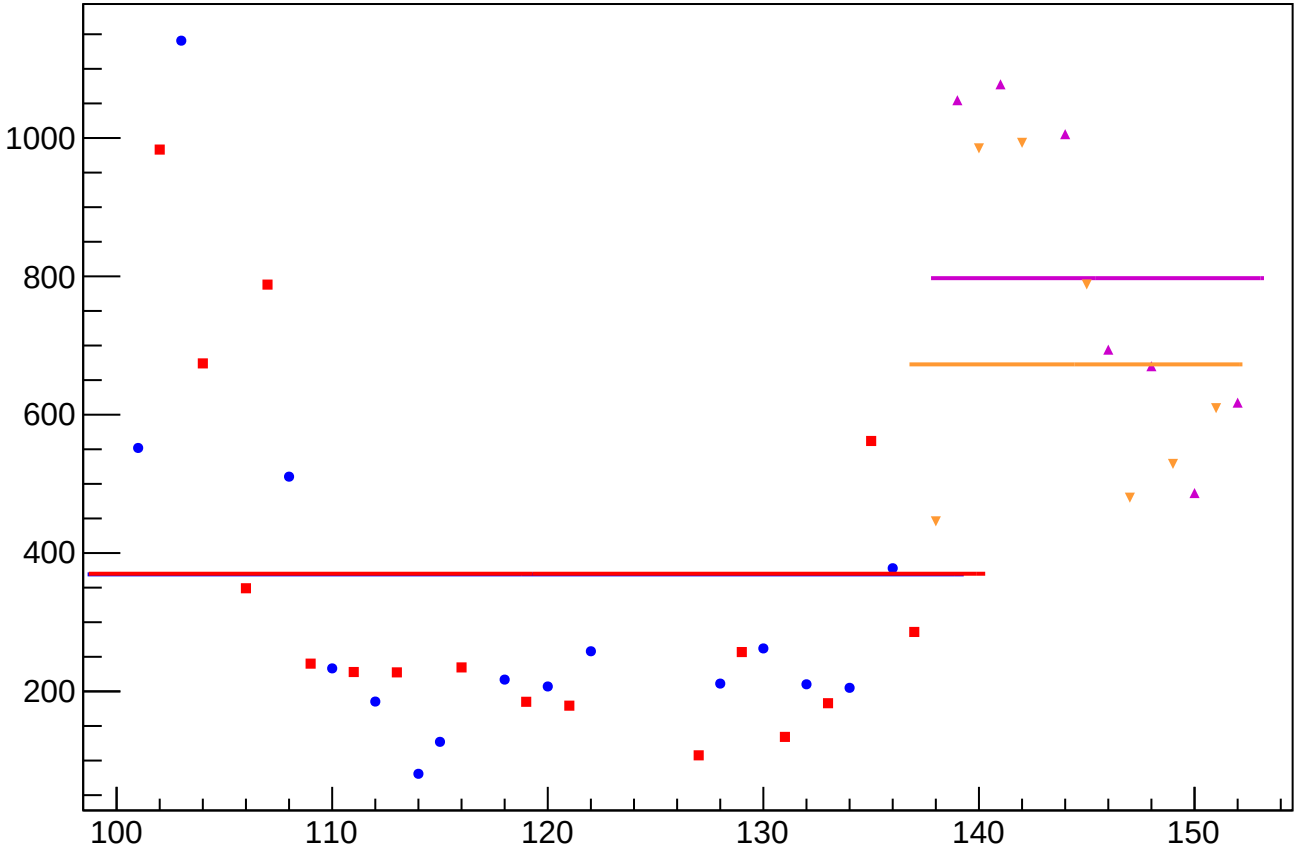
All: 23215.281+/-0.000 χ^2/NDF: 1844668921

Right Out: 15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15

- sign 23475.844+/-0.000 χ^2/NDF: 1056690783689

Left In: 31880.730+/-0.000 χ^2/NDF:5201947919362657689264974241223751499776.0/6

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF: 4805303678956548599419583334137095782 4.0/14

Left Out: 672.751+/-0.000 χ^2/NDF:2275820453214478901596887507085452902 4.0/6

Right Out: 370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15

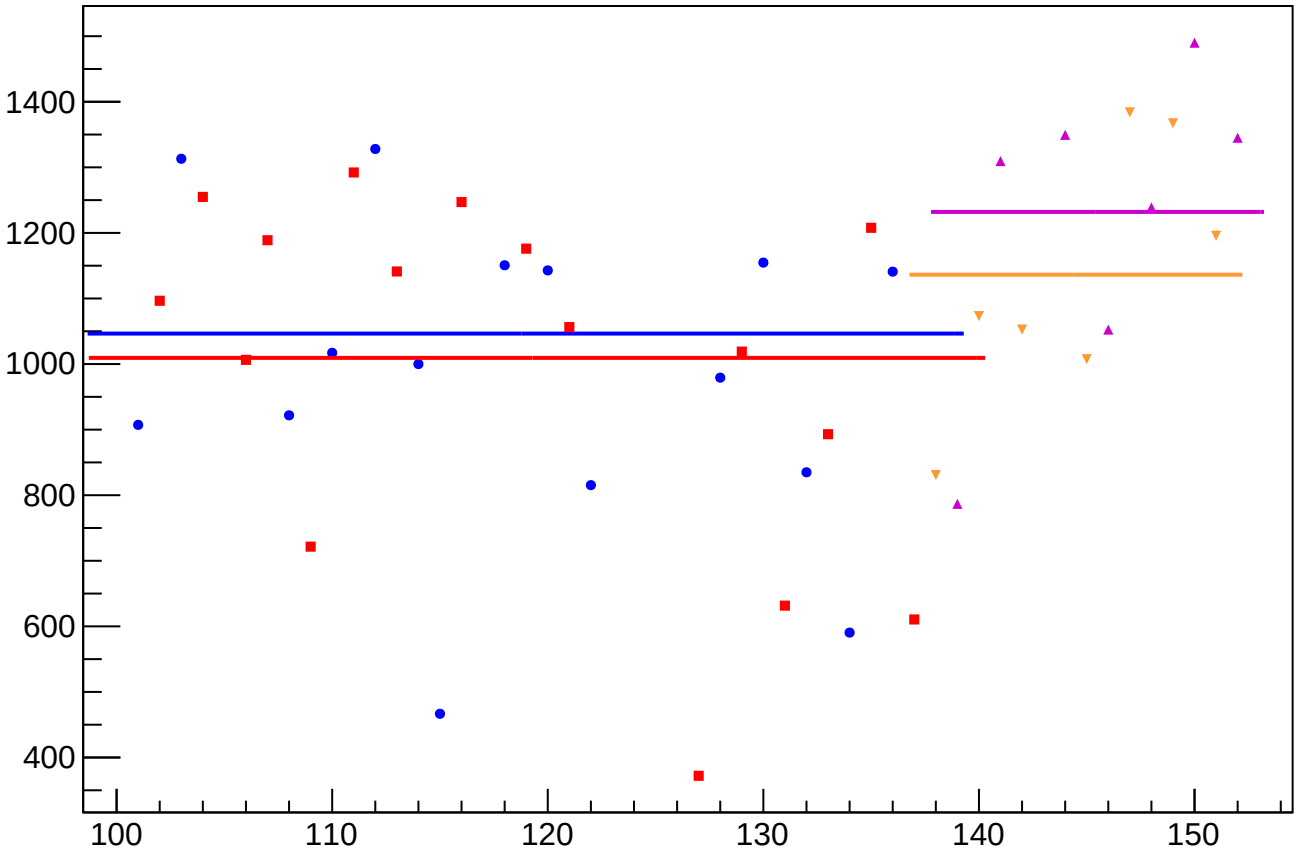
Left In: 797.383+/-0.000 χ^2/NDF:2974033654431929710140729633166013235 2.0/6

+ sign 505.070+/-0.000 χ^2/NDF: 97587269096464 6

All: 540.024+/-0.000 χ^2/NDF: 2359789358 04

- sign 572.439+/-0.000 χ^2/NDF: 135624780376719

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Left Out: 1136.262+/-0.000 χ^2/NDF:1880632432568318661558500643604057292 8.0/6

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

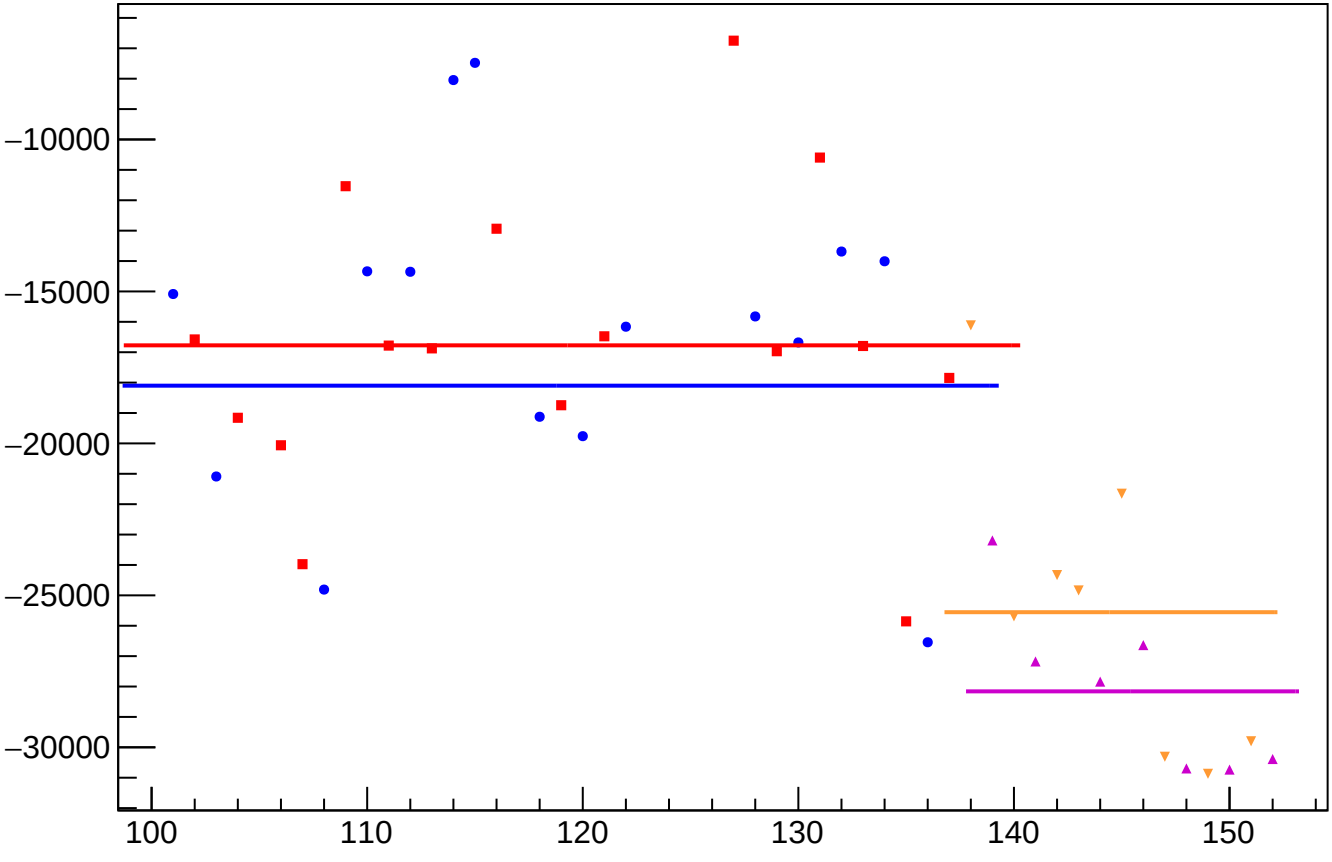
Left In: 1232.033+/-0.000 χ^2/NDF:2764258916201518688194923453899970969 6.0/6

+ sign 1086.677+/-0.000 χ^2/NDF: 46014361864495

All: 1101.296+/-0.000 χ^2/NDF: 1343933672 1

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Left Out: -25553.924+/-0.000 χ^2/NDF:1381171843722683319695829370826421750988 8.0/7

Right Out: -16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

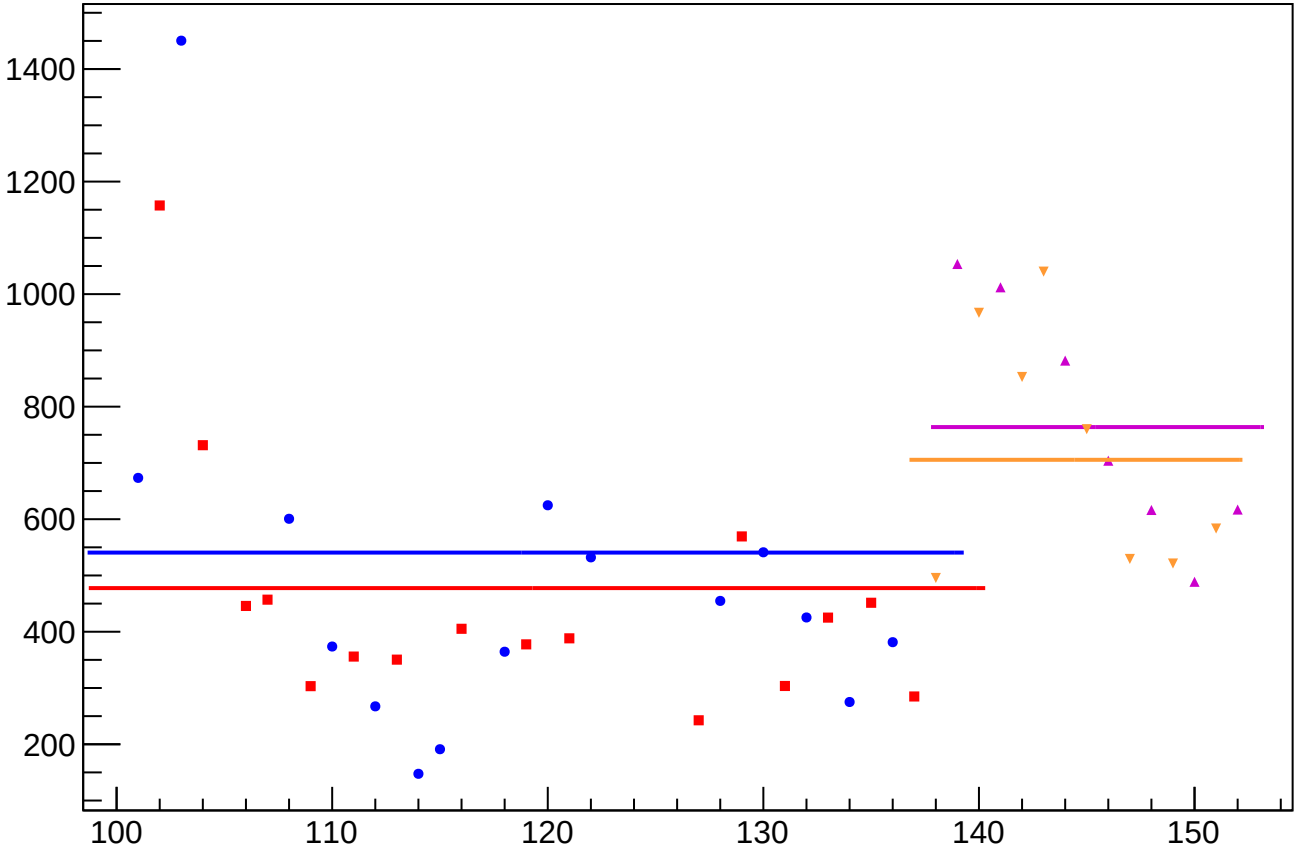
Left In: -28158.818+/-0.000 χ^2/NDF:3855954065667796005659745358294338764800.0/6

+ sign -21659.252+/-0.000 χ^2/NDF: 456603558301

All: -21914.737+/-0.000 χ^2/NDF: 104854696

- sign -22165.181+/-0.000 χ^2/NDF: 5903380235219

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

Left Out: 705.557+/-0.000 χ^2/NDF:2418964567708038032477605345137524736 0.0/7

Right Out: 477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

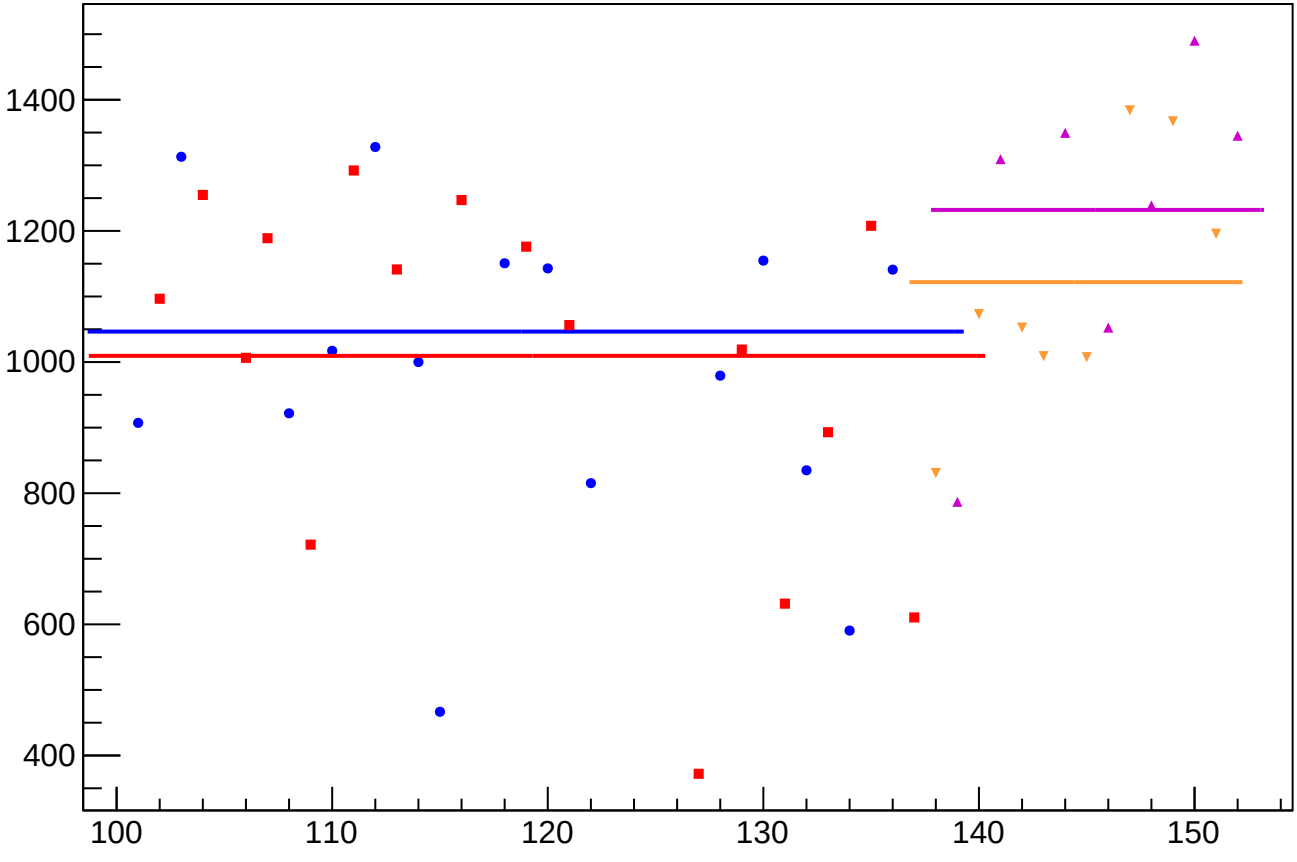
Left In: 763.732+/-0.000 χ^2/NDF:2416053183488527107118263675731836928 0.0/6

+ sign 619.392+/-0.000 χ^2/NDF: 971618062052348

All: 616.201+/-0.000 χ^2/NDF: 18601563555

- sign 613.072+/-0.000 χ^2/NDF: 888287765794075

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:197695129233448461838613959385924239 36.0/7

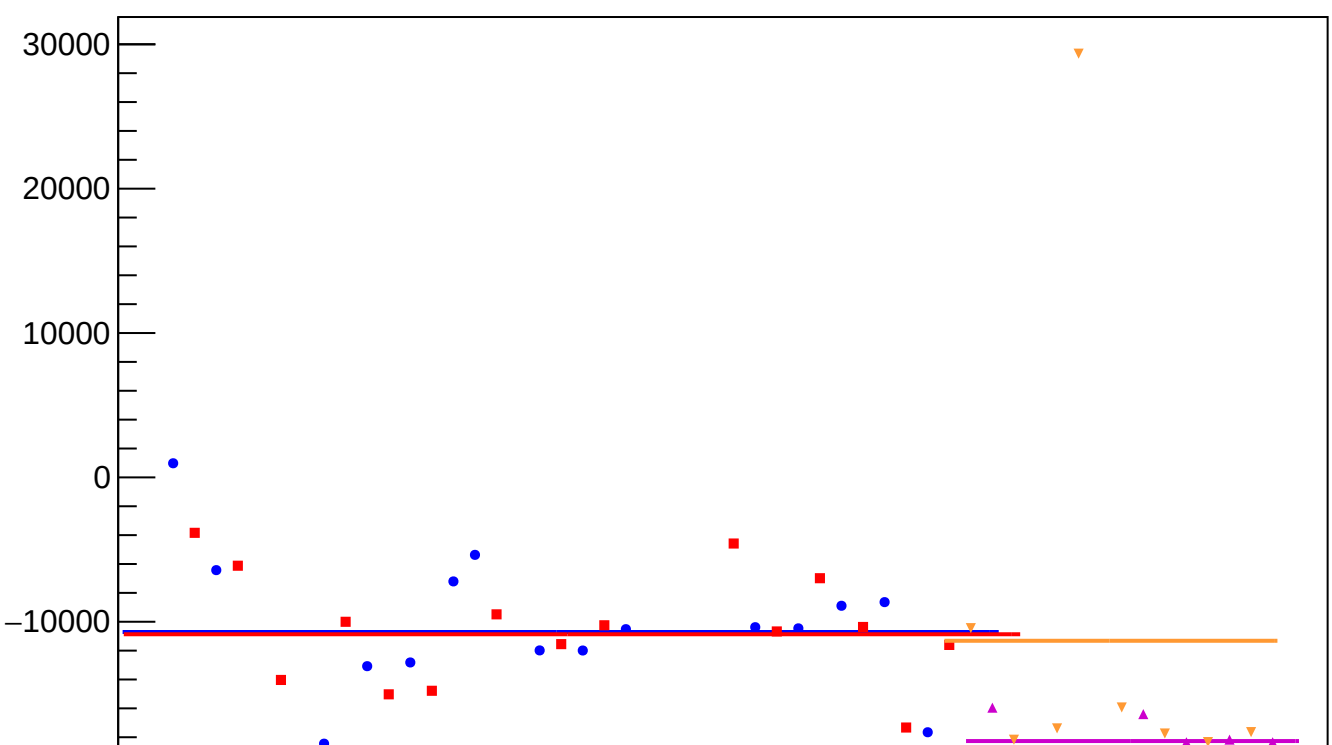
All: 1098.831+/-0.000 χ^2/NDF: 1349494140 1

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:276425891620151868819492345389997096 96.0/6

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

+ sign -11000.326+/-0.000 χ^2/NDF: 145647931083

Left Out: -11317.748+/-0.000 χ^2/NDF:1285883626675080009956357607490474936 89344.0/7

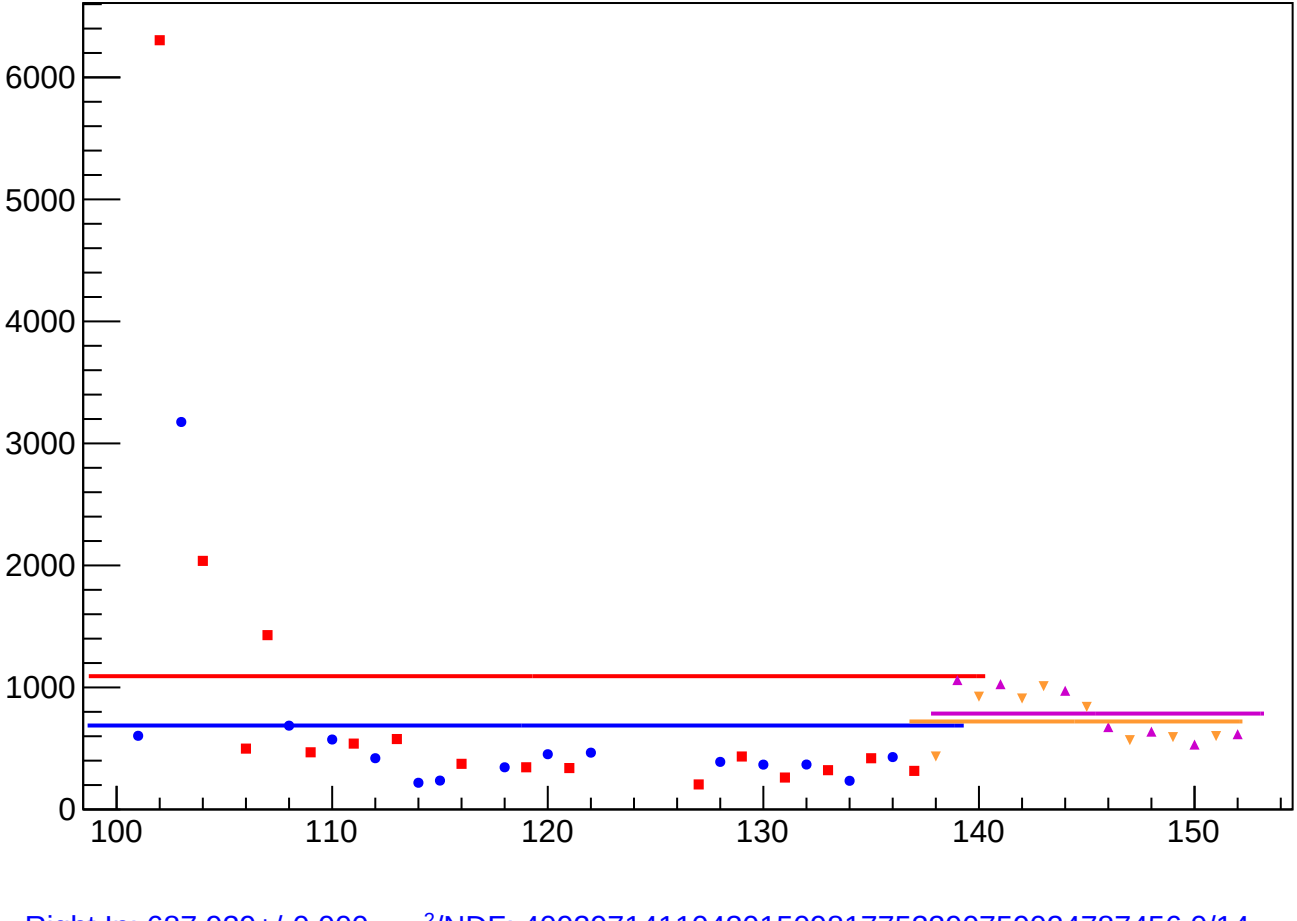
All: -12701.746+/-0.000 χ^2/NDF: 185734044

Right Out: -10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664 7552.0/15

- sign -14369.594+/-0.000 χ^2/NDF: 3296629608814

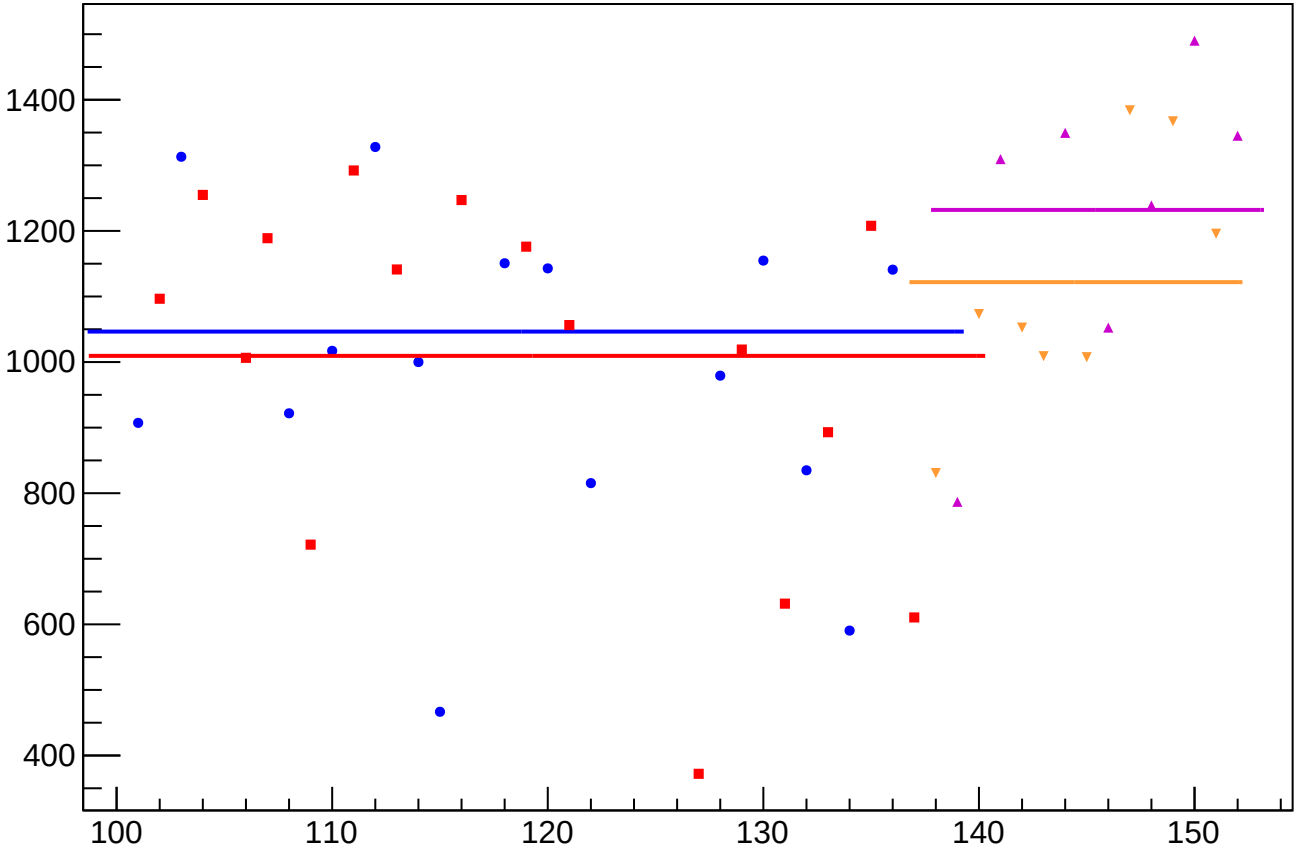
Left In: -18264.130+/-0.000 χ^2/NDF:1444781475643644993733862103886059274240.0/6

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14
+ sign 703.793+/-0.000 χ^2/NDF: 43215874281074 5
Left Out: 721.145+/-0.000 χ^2/NDF:2251991632128490232589146195841830092 8.0/7
All: 826.683+/-0.000 χ^2/NDF: 2407537123 62
Right Out: 1092.265+/-0.000 χ^2/NDF: 1883198142929605813456233812946948456448.0/15
- sign 947.148+/-0.000 χ^2/NDF: 193823531507431
Left In: 785.827+/-0.000 χ^2/NDF:2537621273010455931941987228051308544 0.0/6

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:19769512923344846183861395938592423936.0/7

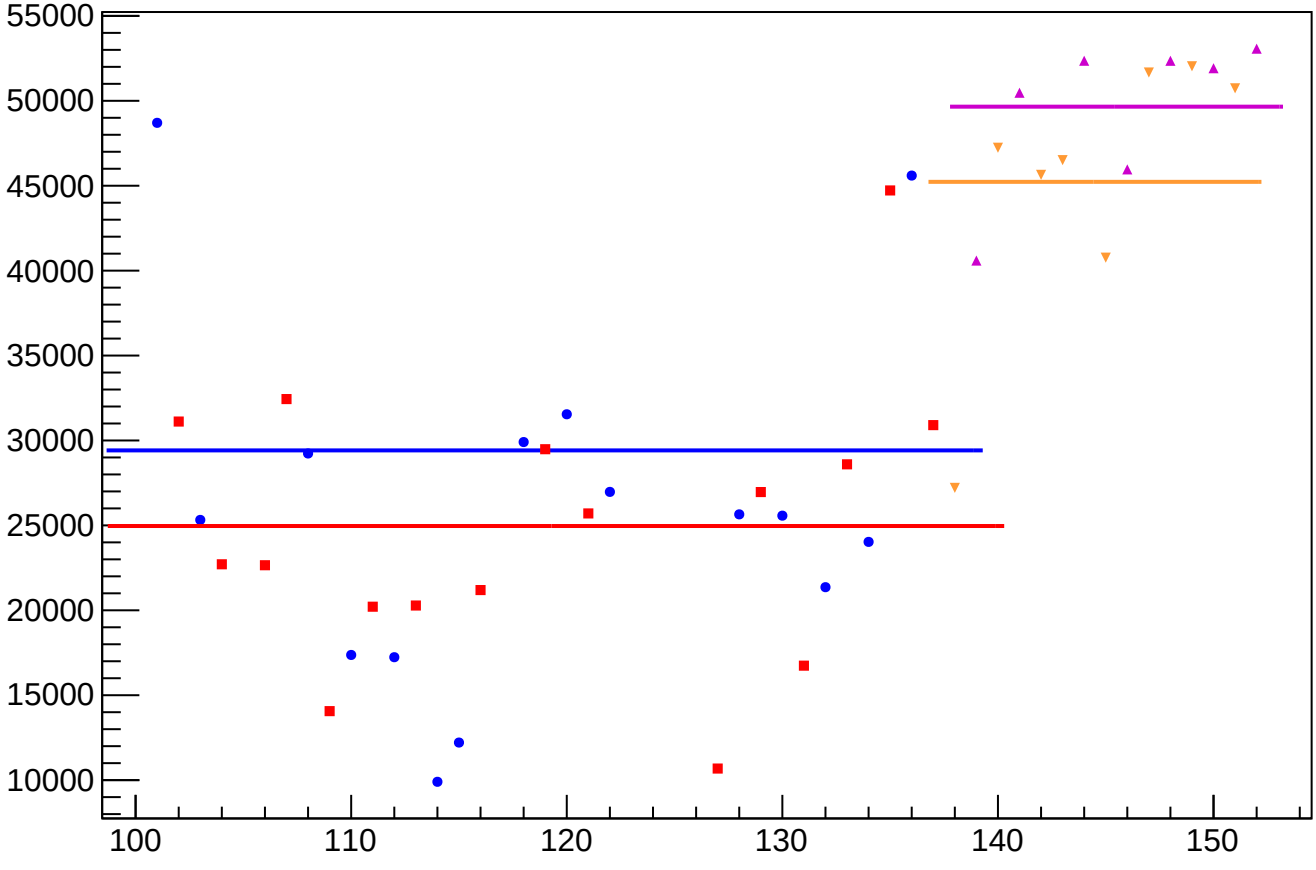
All: 1098.831+/-0.000 χ^2/NDF: 1349494140

Right Out: 1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:27642589162015186881949234538999709696.0/6

dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Left Out: 45228.869+/-0.000 χ^2/NDF:3684810488525051434824020302276636914483 2.0/7

Right Out: 24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

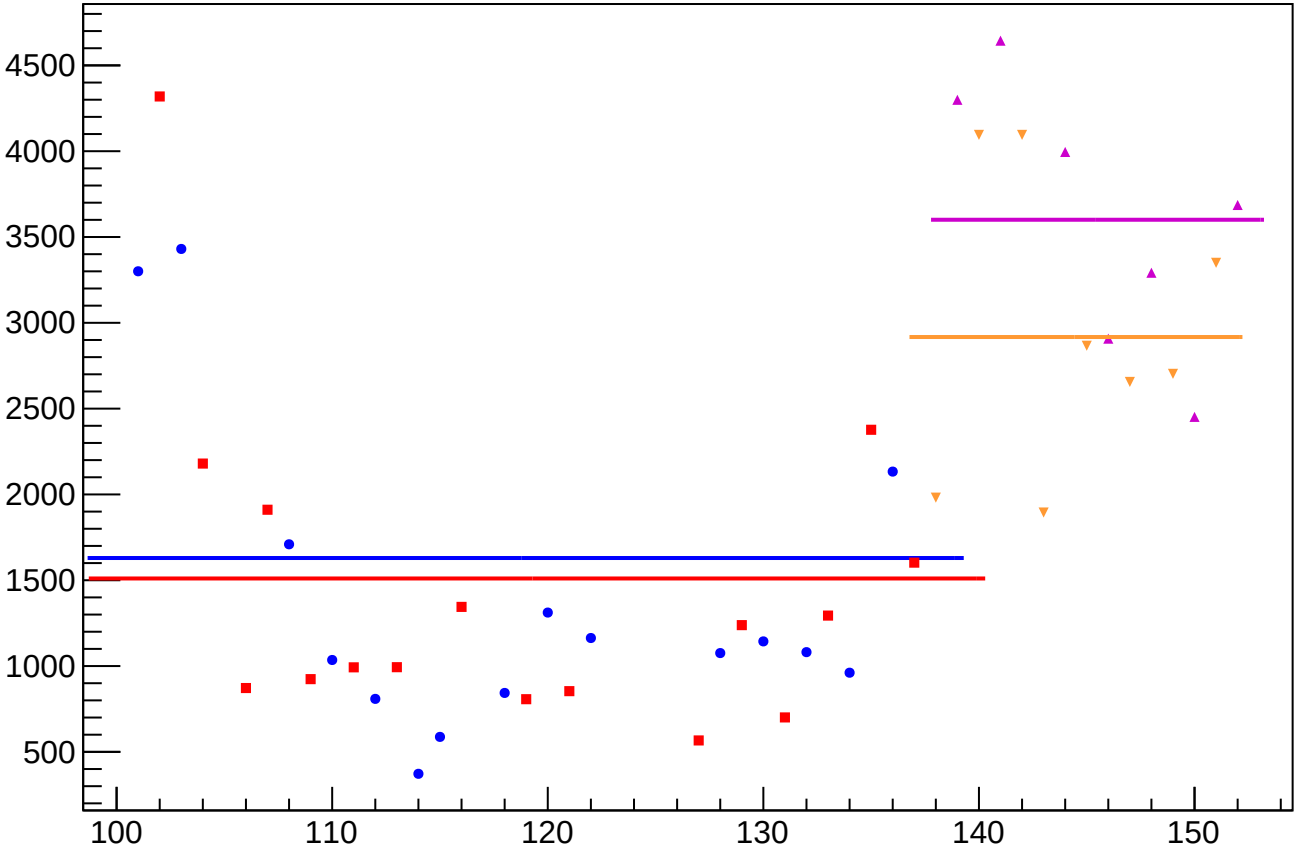
Left In: 49655.431+/-0.000 χ^2/NDF:1058567603983662179058322948046280720384 0.0/6

+ sign 36965.855+/-0.000 χ^2/NDF: 186096460409 5

All: 36809.557+/-0.000 χ^2/NDF: 434961171 6

- sign 36656.343+/-0.000 χ^2/NDF: 248804627918 7

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Left Out: 2917.236+/-0.000 χ^2/NDF:3397958943148354828536716397181864509 44.0/7

Right Out: 1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

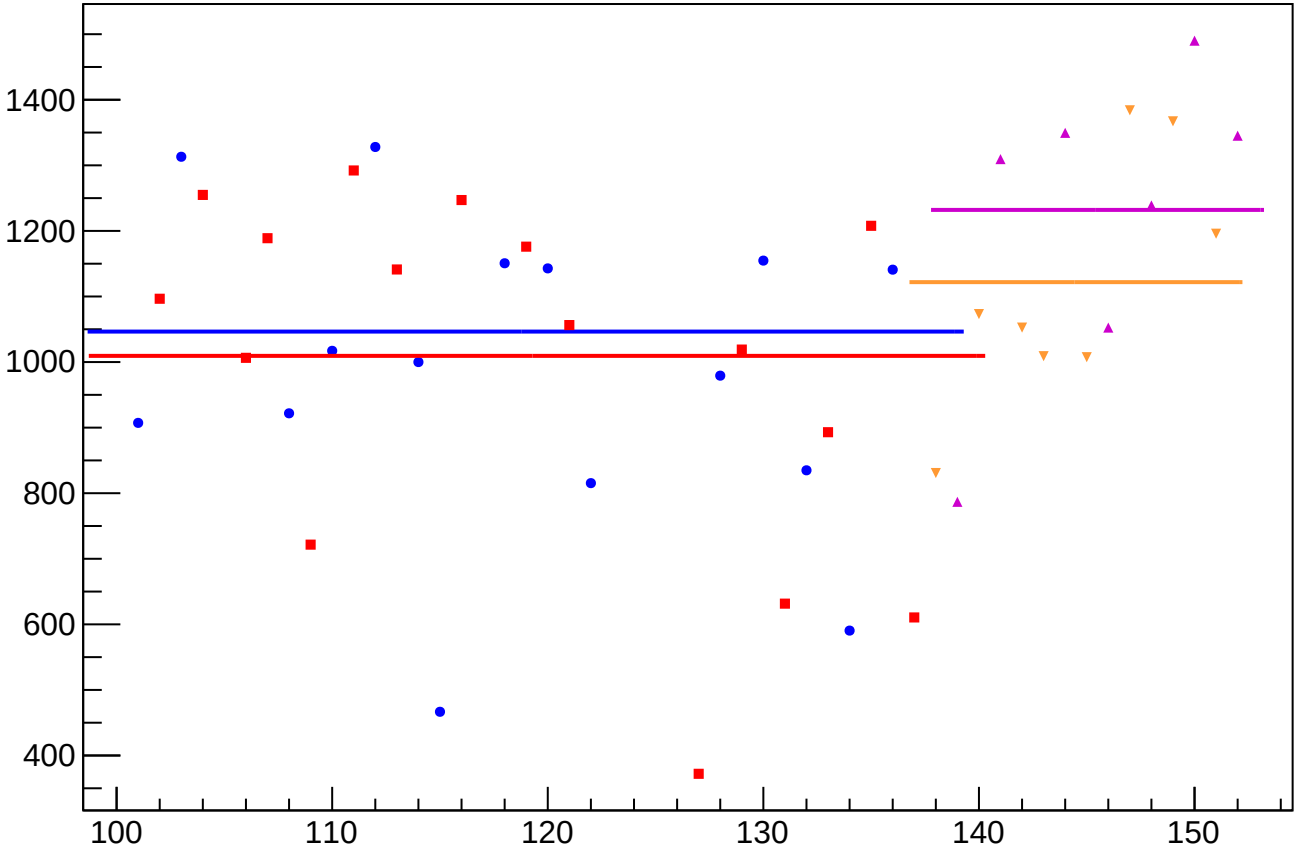
Left In: 3600.602+/-0.000 χ^2/NDF:3145764396689442314329265224690622791 68.0/6

+ sign 2244.359+/-0.000 χ^2/NDF: 14053449067847

All: 2373.543+/-0.000 χ^2/NDF: 3829333140

- sign 2500.179+/-0.000 χ^2/NDF: 23829428462163

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:19769512923344846183861395938592423936.0/7

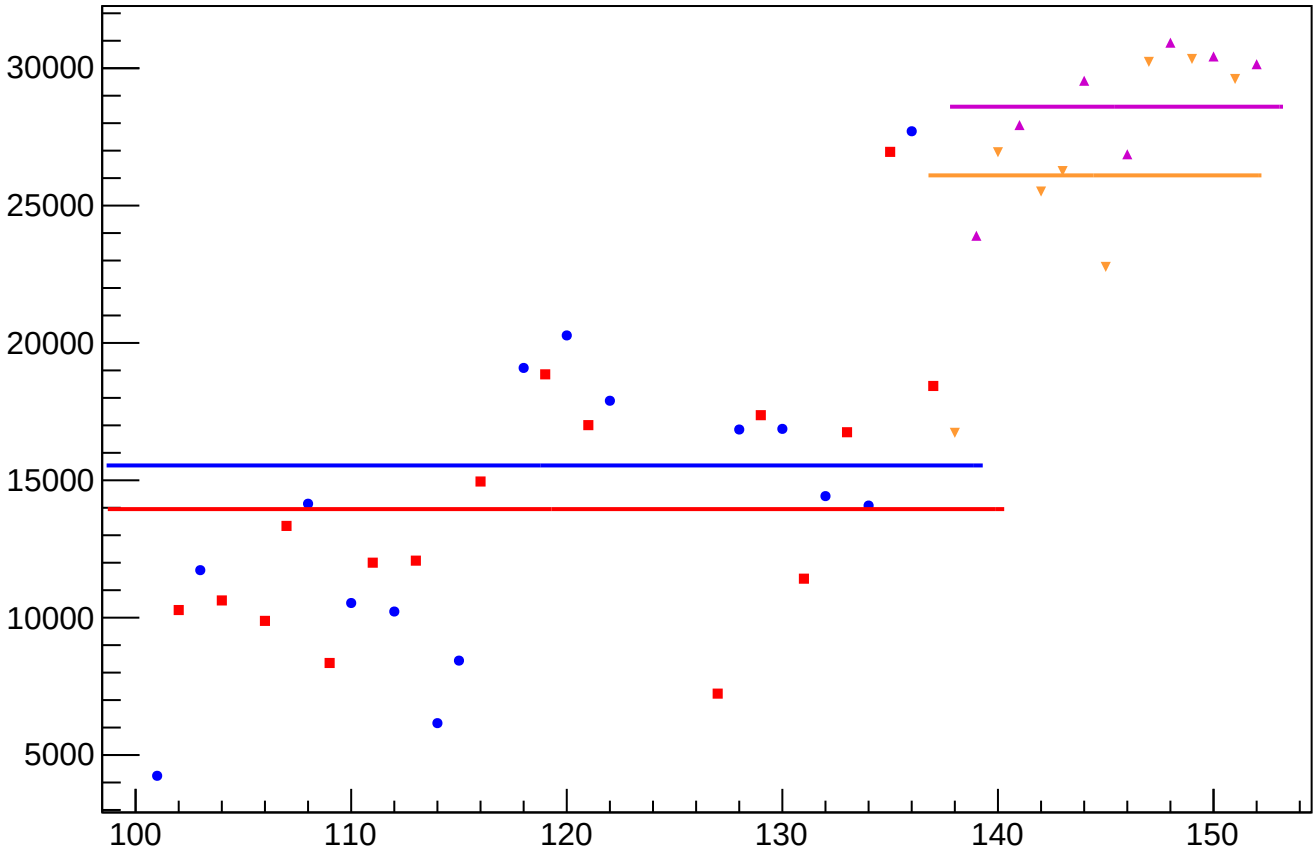
All: 1098.831+/-0.000 χ^2/NDF: 1349494140

Right Out: 1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:27642589162015186881949234538999709696.0/6

dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

Left Out: 26099.627+/-0.000 χ^2/NDF:116124966051572301636559273223678716805 12.0/7

Right Out: 13951.799+/-0.000 χ^2/NDF: 169540710357395846646128134307481009520 64.0/15

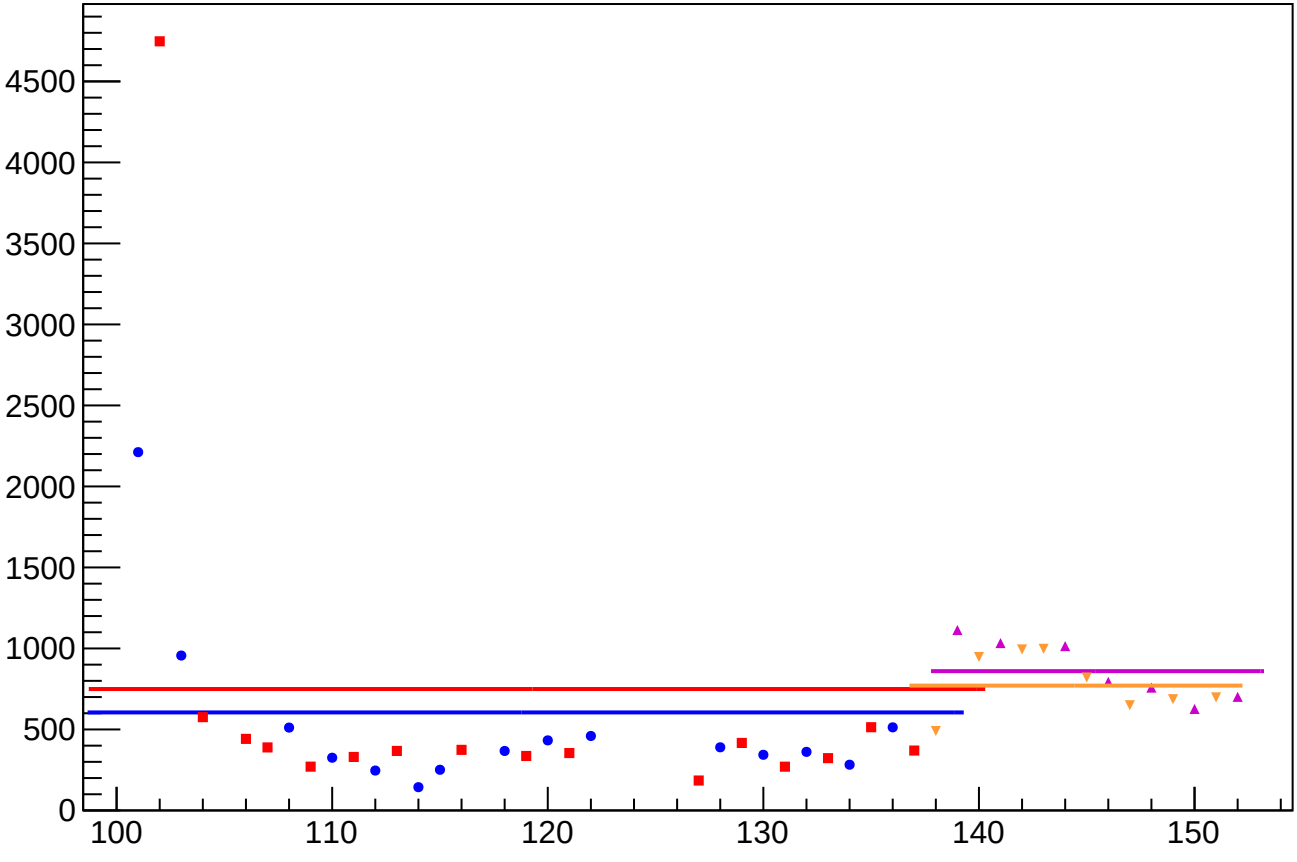
Left In: 28599.498+/-0.000 χ^2/NDF:312249128836856055686579081825876547993 6.0/6

+ sign 20582.165+/-0.000 χ^2/NDF: 7354312553589

All: 20736.787+/-0.000 χ^2/NDF: 1614487704

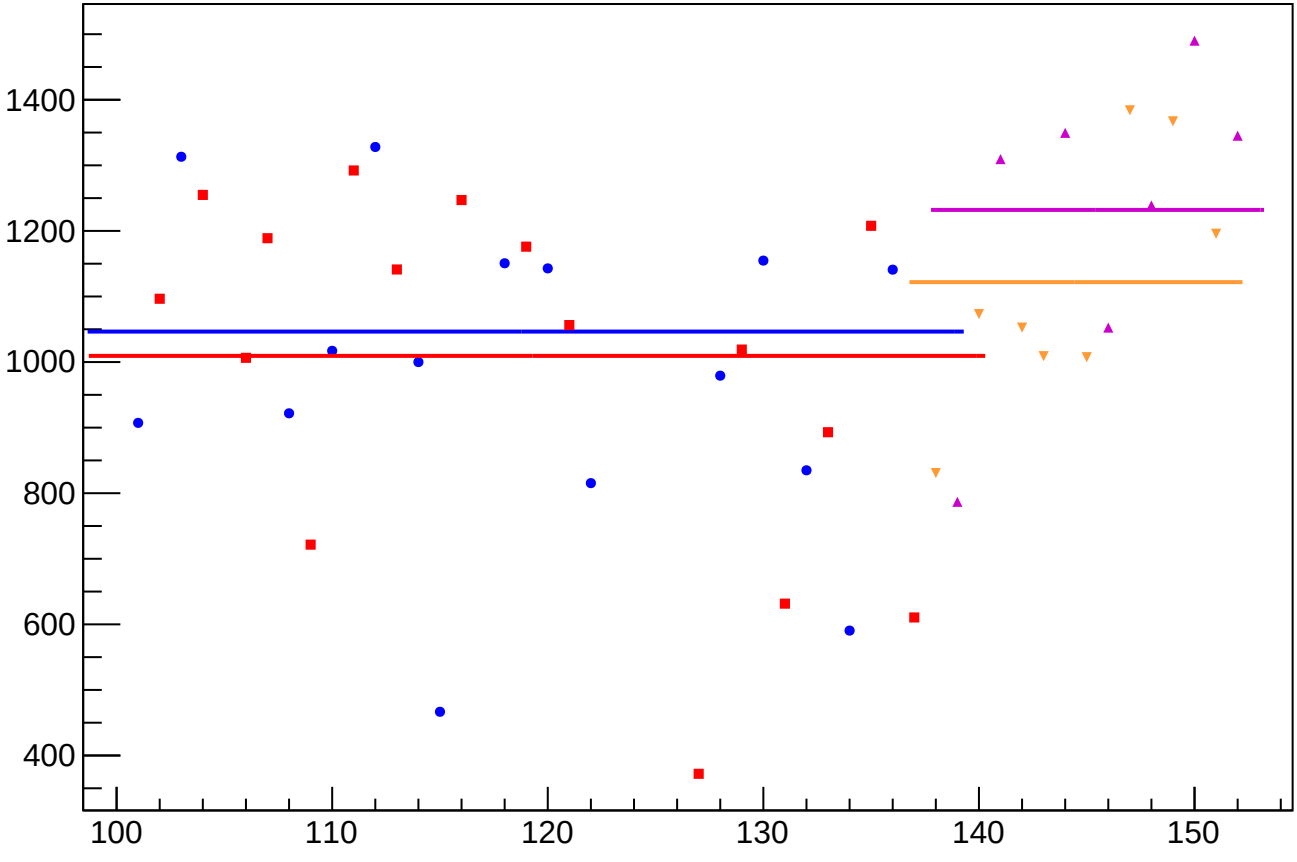
- sign 20888.357+/-0.000 χ^2/NDF: 8784684389713

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
+ sign 684.096+/-0.000 χ^2/NDF: 2146882734961 84
Left Out: 770.625+/-0.000 χ^2/NDF:1679006569096908175144119157564165 3248.0/7
All: 743.551+/-0.000 χ^2/NDF: 1266857294 85
Right Out: 749.582+/-0.000 χ^2/NDF: 1021358768377495935693748779804344188928.0/15
- sign 801.833+/-0.000 χ^2/NDF: 1043474930583 80
Left In: 859.919+/-0.000 χ^2/NDF:1827076669570399347670741802353374 0032.0/6

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:19769512923344846183861395938592423936.0/7

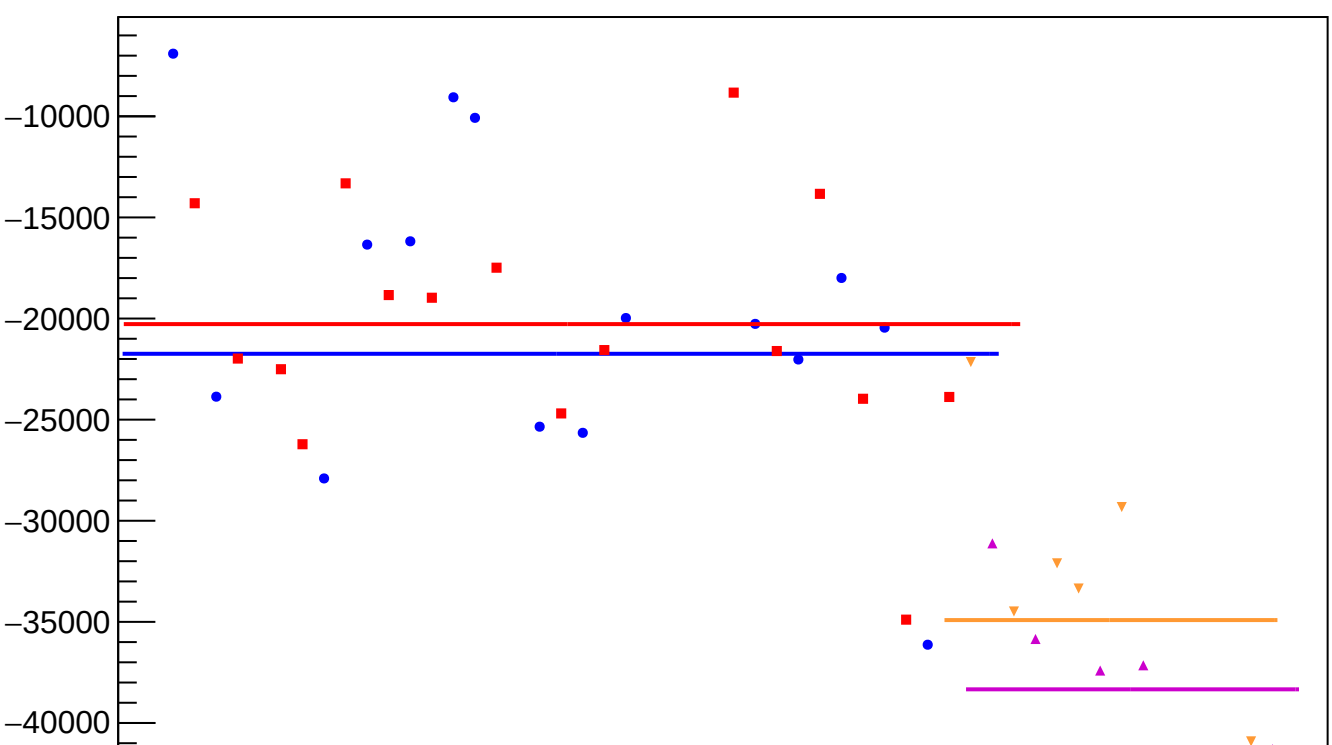
All: 1098.831+/-0.000 χ^2/NDF: 1349494140

Right Out: 1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:27642589162015186881949234538999709696.0/6

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14

Left Out: -34911.570+/-0.000 χ^2/NDF:28301525580643315552980021231777187102720.0/7

Right Out: -20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15

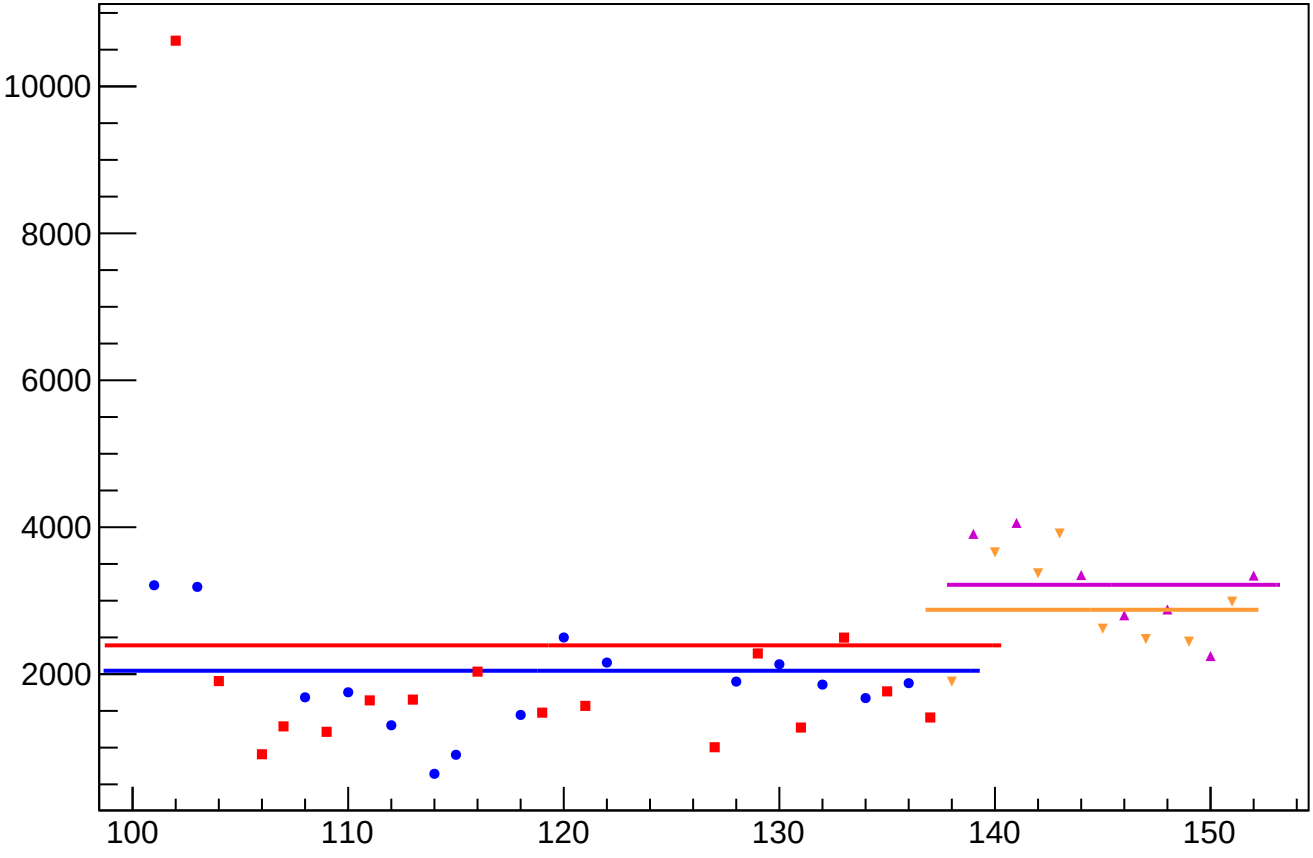
Left In: -38336.327+/-0.000 χ^2/NDF:866962915991267472271960026065585517363 2.0/6

+ sign -28030.597+/-0.000 χ^2/NDF: 123140175655

All: -28433.439+/-0.000 χ^2/NDF: 261178628

- sign -28828.333+/-0.000 χ^2/NDF: 137639321372 6

dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

Left Out: 2876.631+/-0.000 χ^2/NDF:242736223914621313962120940945437360128.0/7

Right Out: 2391.939+/-0.000 χ^2/NDF: 441529496478977881525935754457949981 9008.0/15

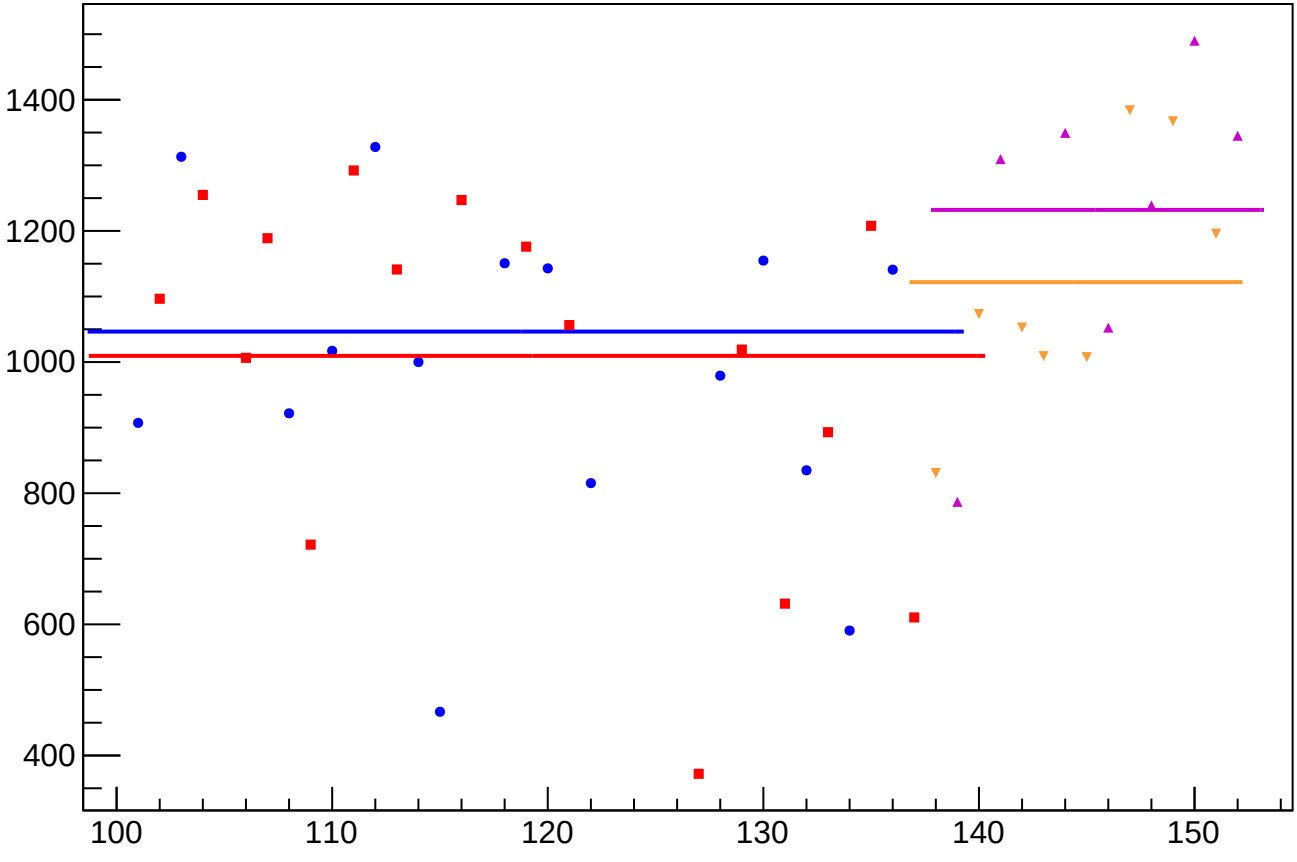
Left In: 3215.788+/-0.000 χ^2/NDF:211517044376238356518607969784631918592.0/6

+ sign 2442.774+/-0.000 χ^2/NDF: 7229028797508 0

All: 2614.118+/-0.000 χ^2/NDF: 5636307598 3

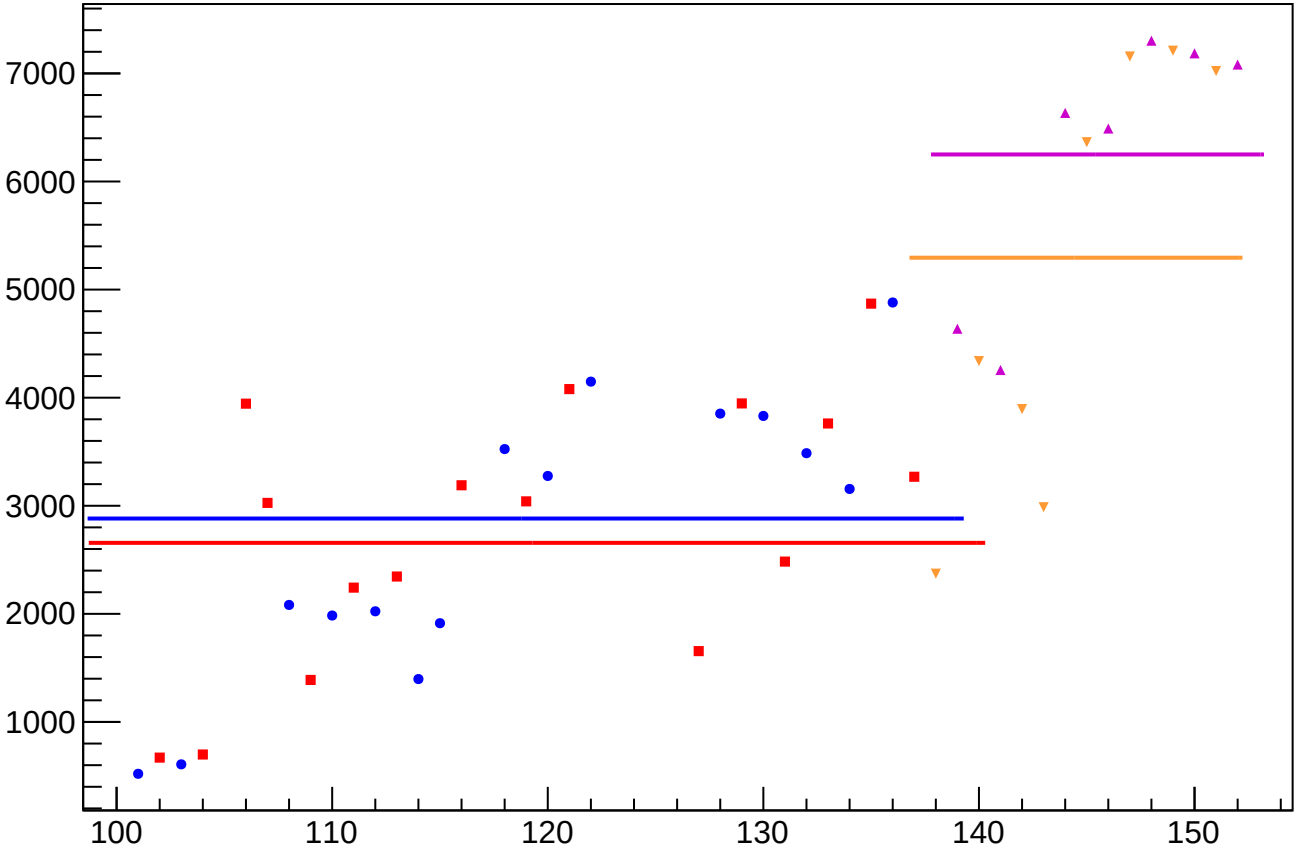
- sign 2782.080+/-0.000 χ^2/NDF: 48411975012311

dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823
Left Out: 1121.879+/-0.000 χ^2/NDF:197695129233448461838613959385924239 36.0/7
All: 1098.831+/-0.000 χ^2/NDF: 1349494140 1
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157
Left In: 1232.033+/-0.000 χ^2/NDF:276425891620151868819492345389997096 96.0/6

dit_sam1_coil1_mean vs Slug



Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14

+ sign 4034.102+/-0.000 χ^2/NDF: 52141018517935

Left Out: 5295.074+/-0.000 χ^2/NDF:2089343287860879939852982469939515359232.0/7

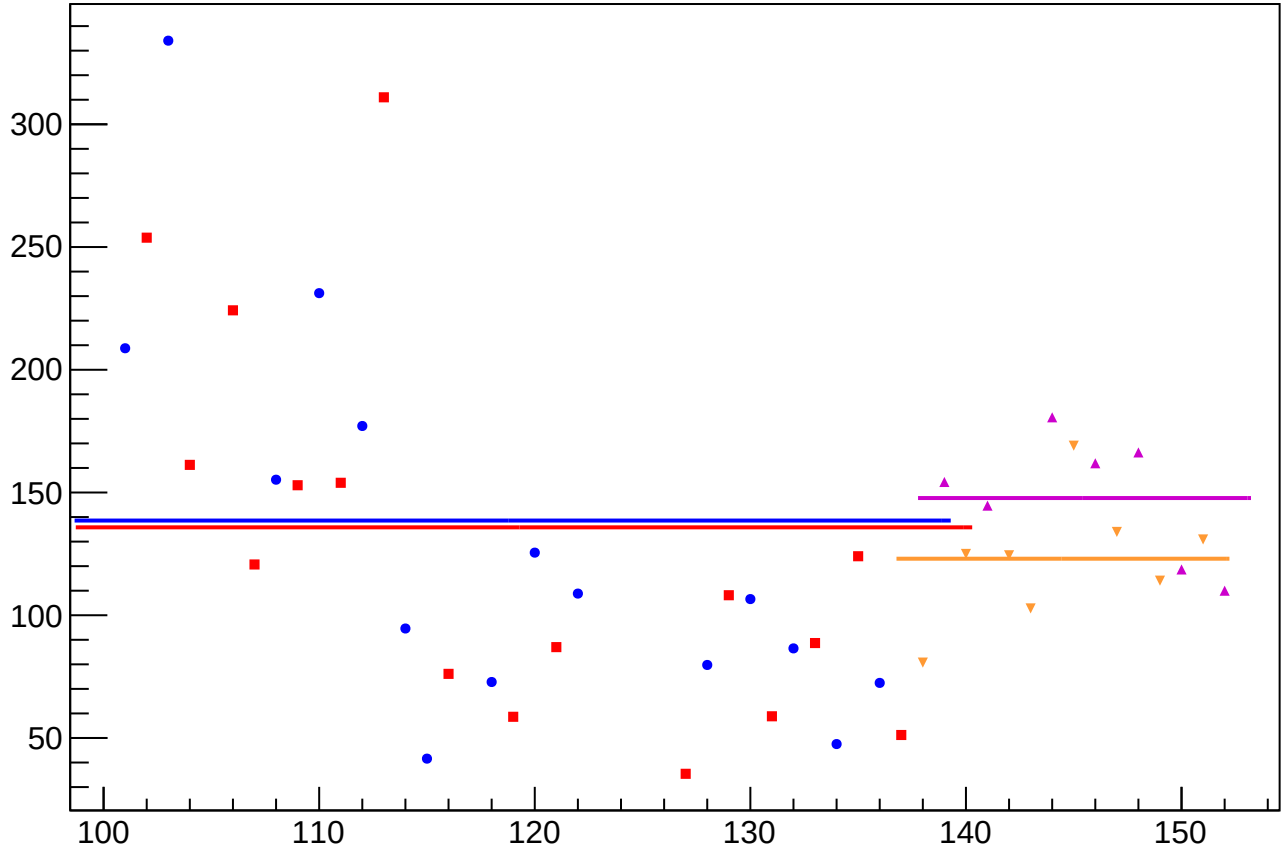
All: 4197.936+/-0.000 χ^2/NDF: 1123554449

Right Out: 2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

- sign 4358.537+/-0.000 χ^2/NDF: 59554260906504

Left In: 6250.169+/-0.000 χ^2/NDF:7994630147108669815253871432326415 64672.0/6

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

+ sign 131.155+/-0.000 χ^2/NDF: 467728758805361

Left Out: 123.032+/-0.000 χ^2/NDF:360041018690717259512275337748676608.0/7

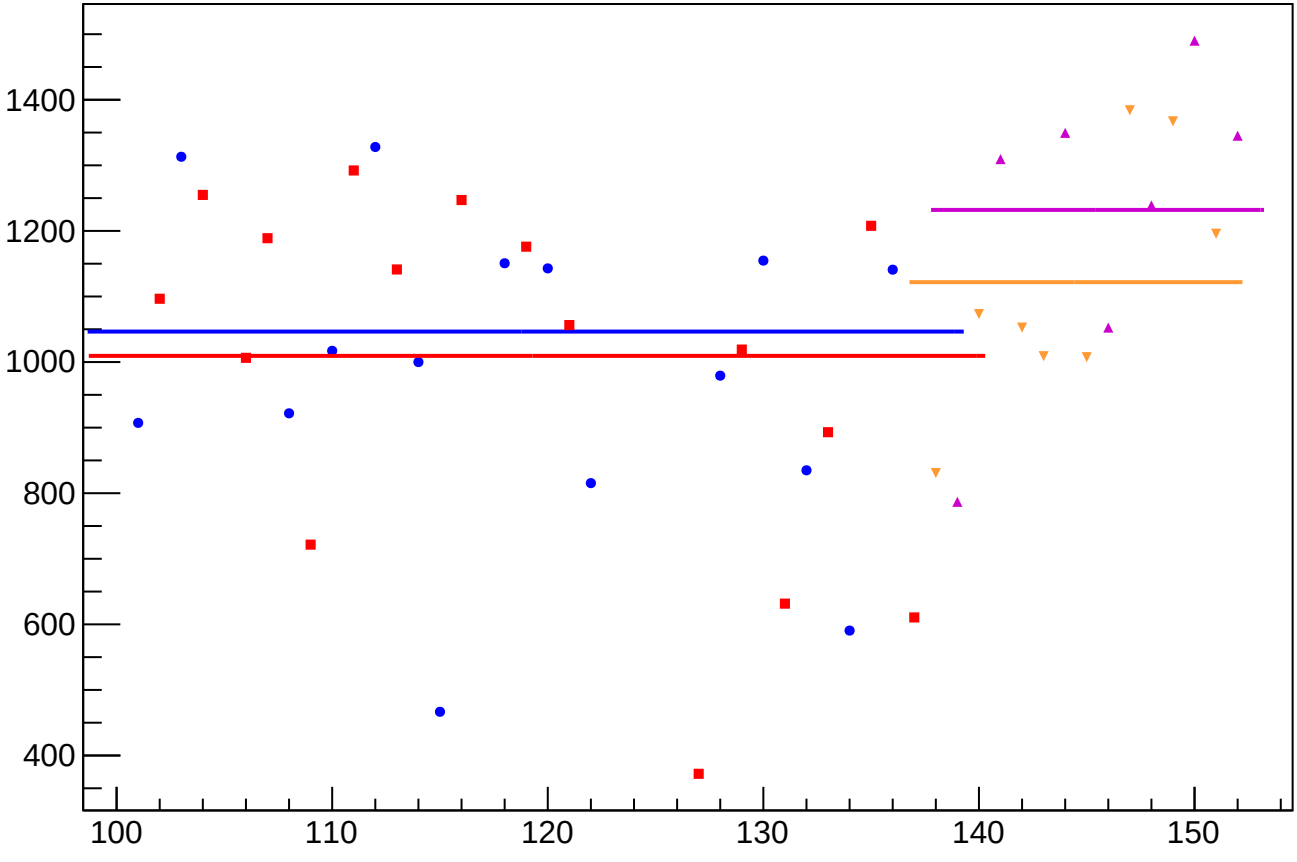
All: 136.360+/-0.000 χ^2/NDF: 909249975135

Right Out: 135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736437776.0/15

- sign 141.462+/-0.000 χ^2/NDF: 434858621044689

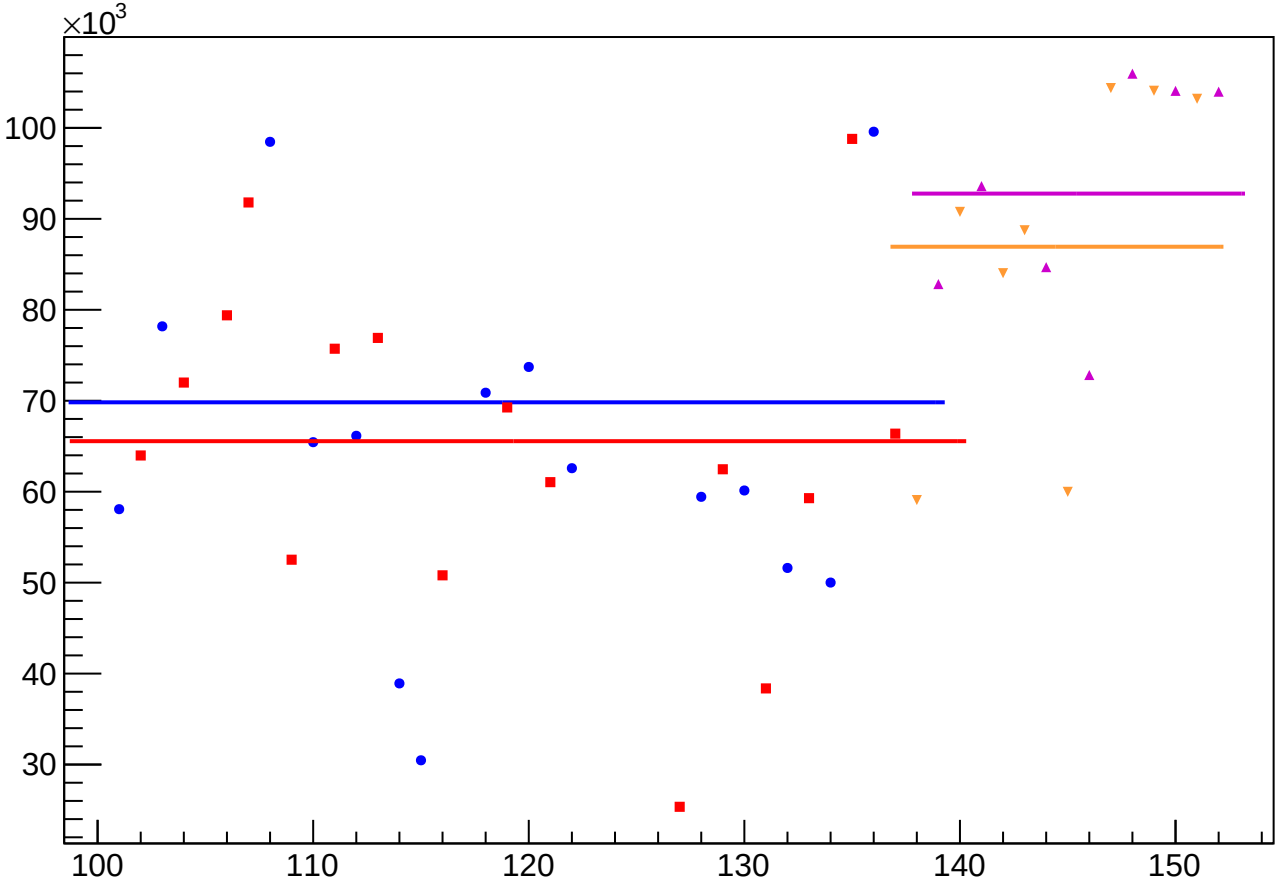
Left In: 147.747+/-0.000 χ^2/NDF:34716881207461739192003125533736960 0.0/6

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823
Left Out: 1121.879+/-0.000 χ^2/NDF:197695129233448461838613959385924239 36.0/7
All: 1098.831+/-0.000 χ^2/NDF: 1349494140 1
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157
Left In: 1232.033+/-0.000 χ^2/NDF:276425891620151868819492345389997096 96.0/6

dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

+ sign 77995.444+/-0.000 χ^2/NDF: 4684645947698

Left Out: 86934.404+/-0.000 χ^2/NDF:1899825628279289711074116933984301109739 52.0/7

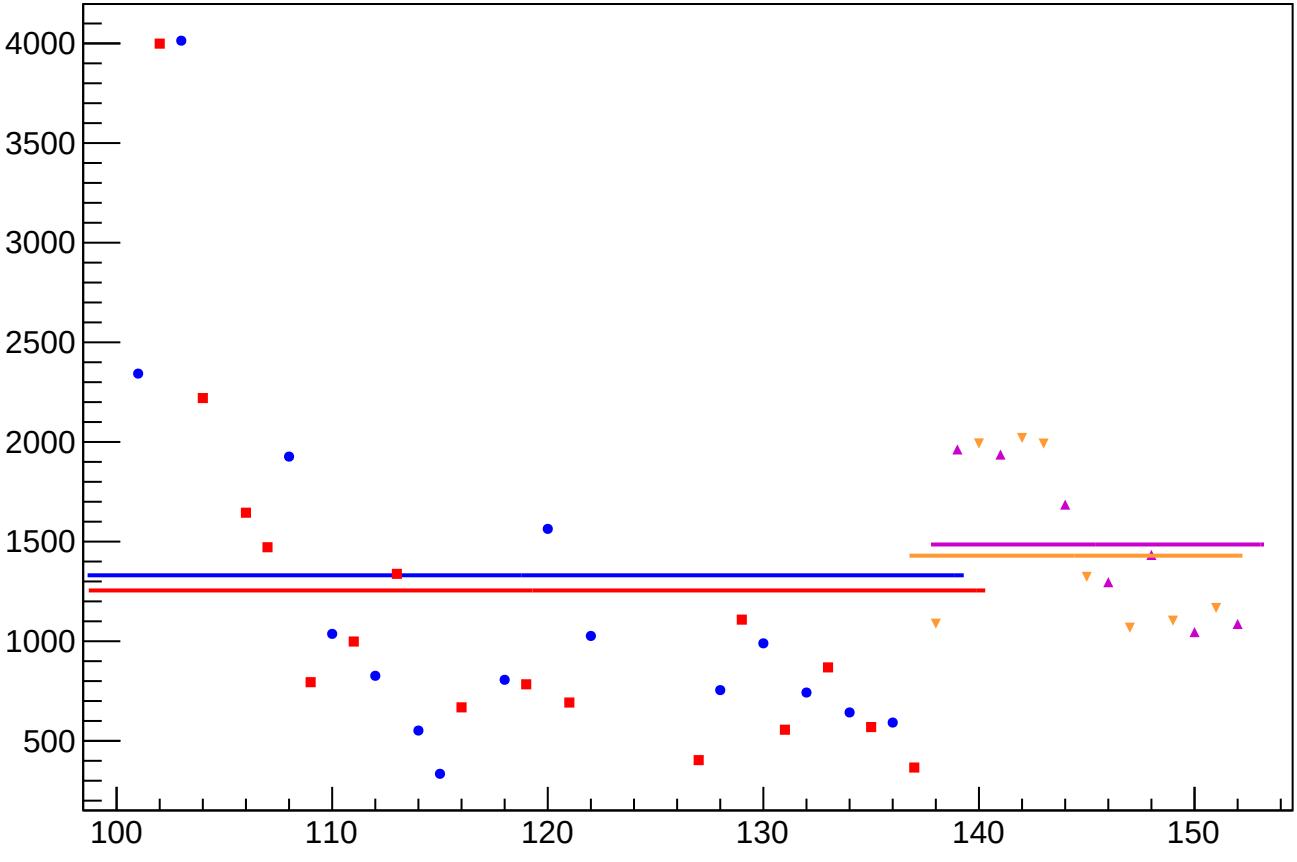
All: 78222.991+/-0.000 χ^2/NDF: 9987107237

Right Out: 65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959997416734 72.0/15

- sign 78446.048+/-0.000 χ^2/NDF: 5301187823912

Left In: 92776.433+/-0.000 χ^2/NDF:8406242425188407700726746676392043216896 0.0/6

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14

+ sign 1377.984+/-0.000 χ^2/NDF: 75018701761356

Left Out: 1429.453+/-0.000 χ^2/NDF:97699517724842487757162734397855629312.0/7

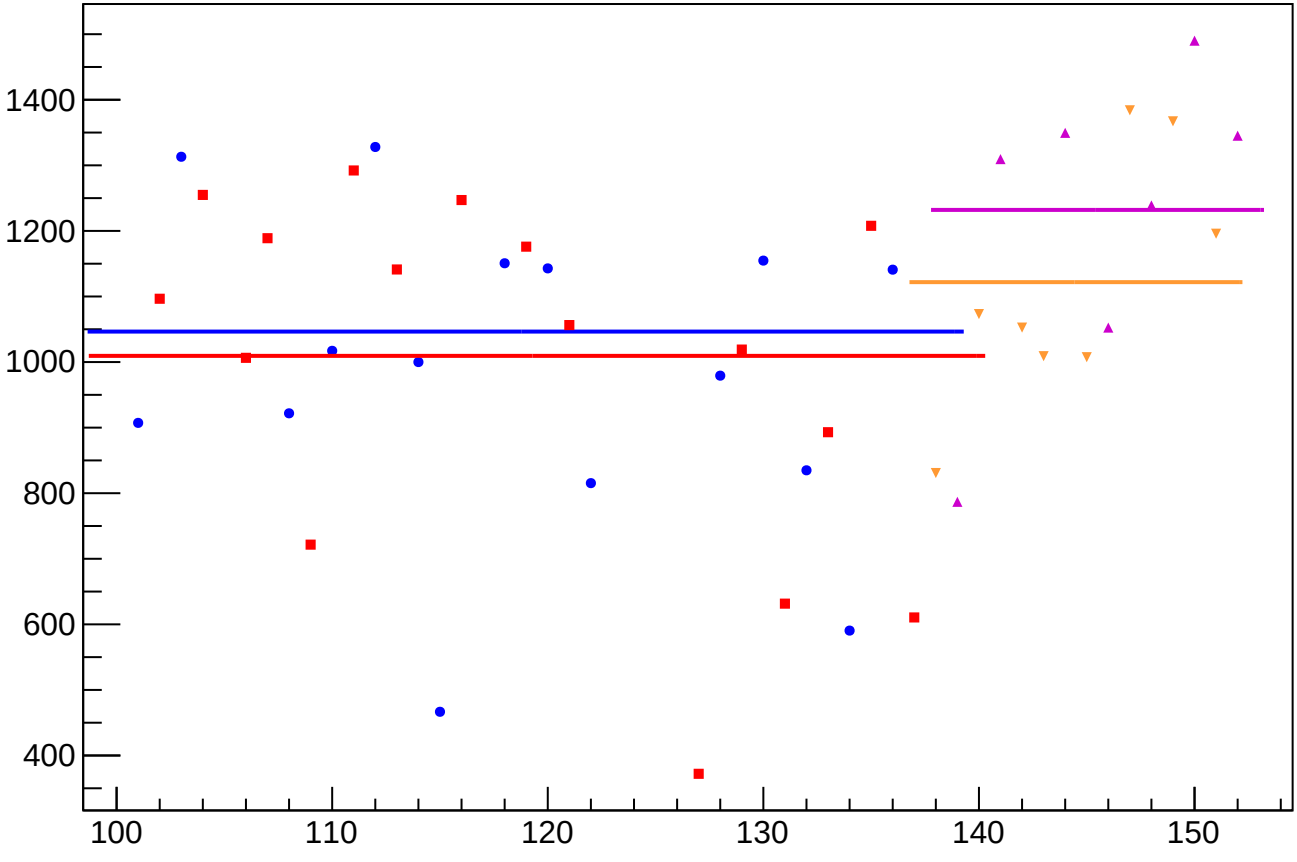
All: 1370.967+/-0.000 χ^2/NDF: 1473185144

Right Out: 1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15

- sign 1364.088+/-0.000 χ^2/NDF: 72287701768752

Left In: 1485.501+/-0.000 χ^2/NDF:7393615629404013063144414854994984 9600.0/6

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:197695129233448461838613959385924239 36.0/7

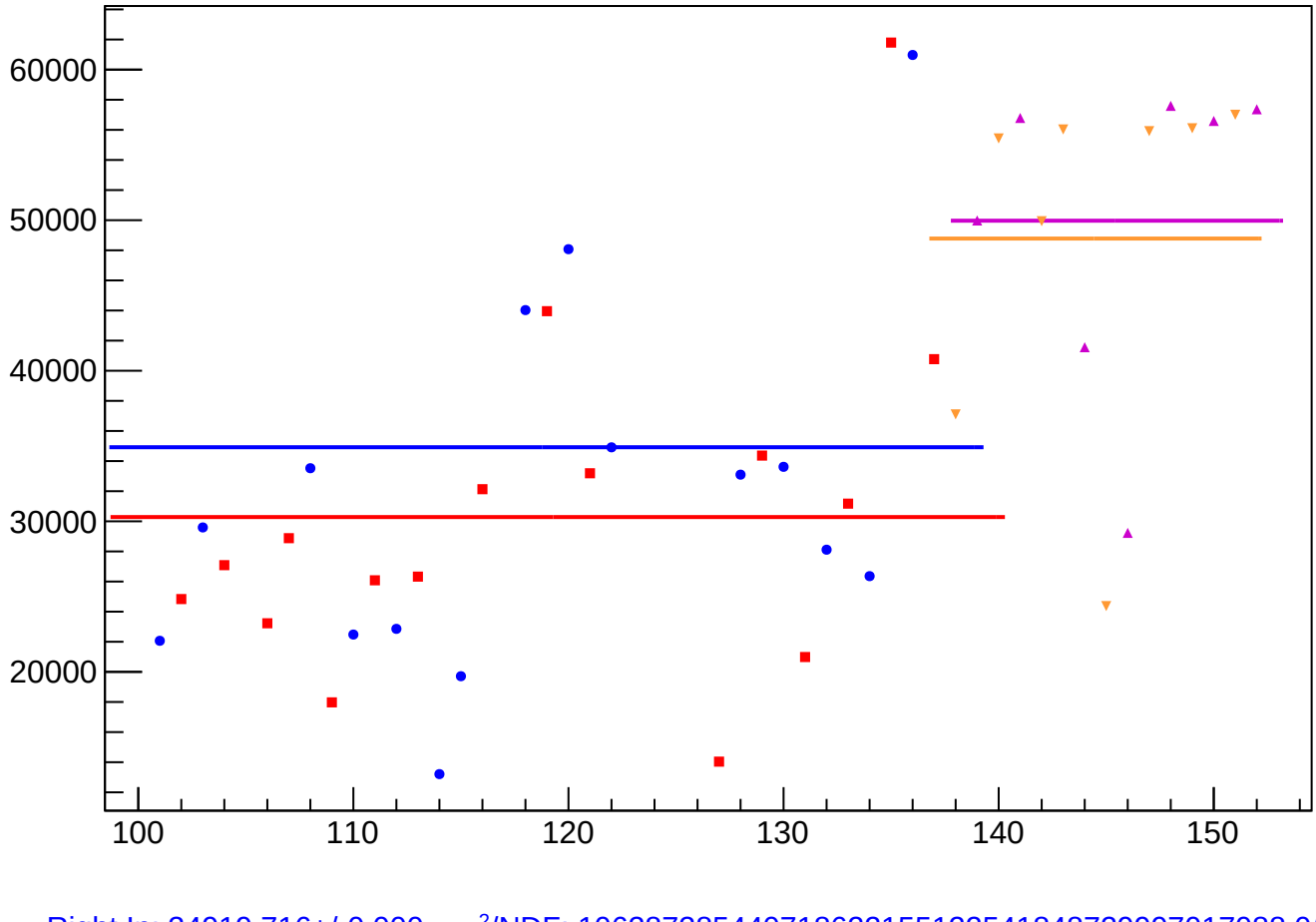
All: 1098.831+/-0.000 χ^2/NDF: 1349494140 1

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:276425891620151868819492345389997096 96.0/6

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

+ sign 41537.680+/-0.000 χ^2/NDF: 2457216391176

Left Out: 48780.613+/-0.000 χ^2/NDF:7980088299674958922226557461156899428761 6.0/7

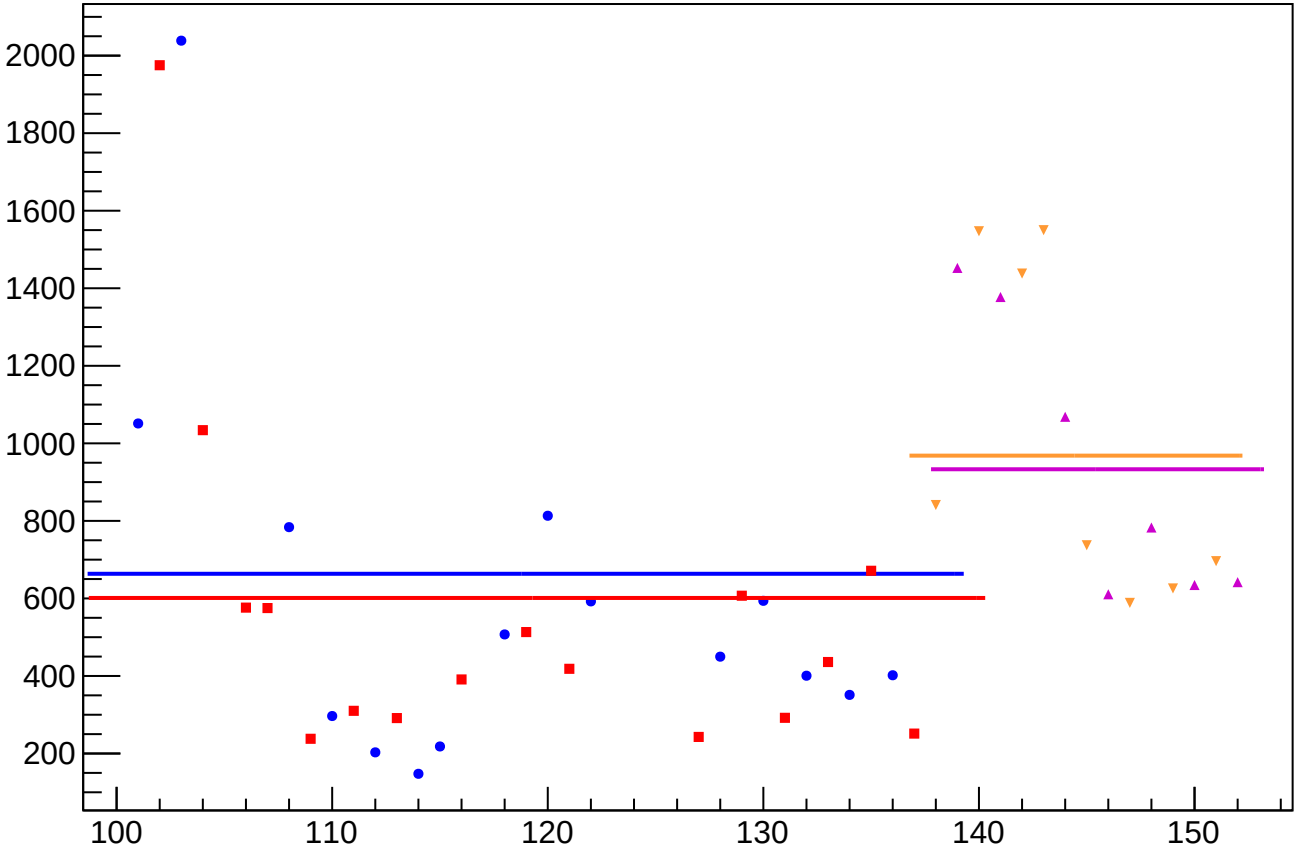
All: 40561.166+/-0.000 χ^2/NDF: 5183699929

Right Out: 30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

- sign 39603.919+/-0.000 χ^2/NDF: 2703030287363

Left In: 49966.371+/-0.000 χ^2/NDF:5957217243138053143009956238206963390873 6.0/6

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14

Left Out: 968.312+/-0.000 χ^2/NDF:926720497948362642793594560840309145 60.0/7

Right Out: 601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15

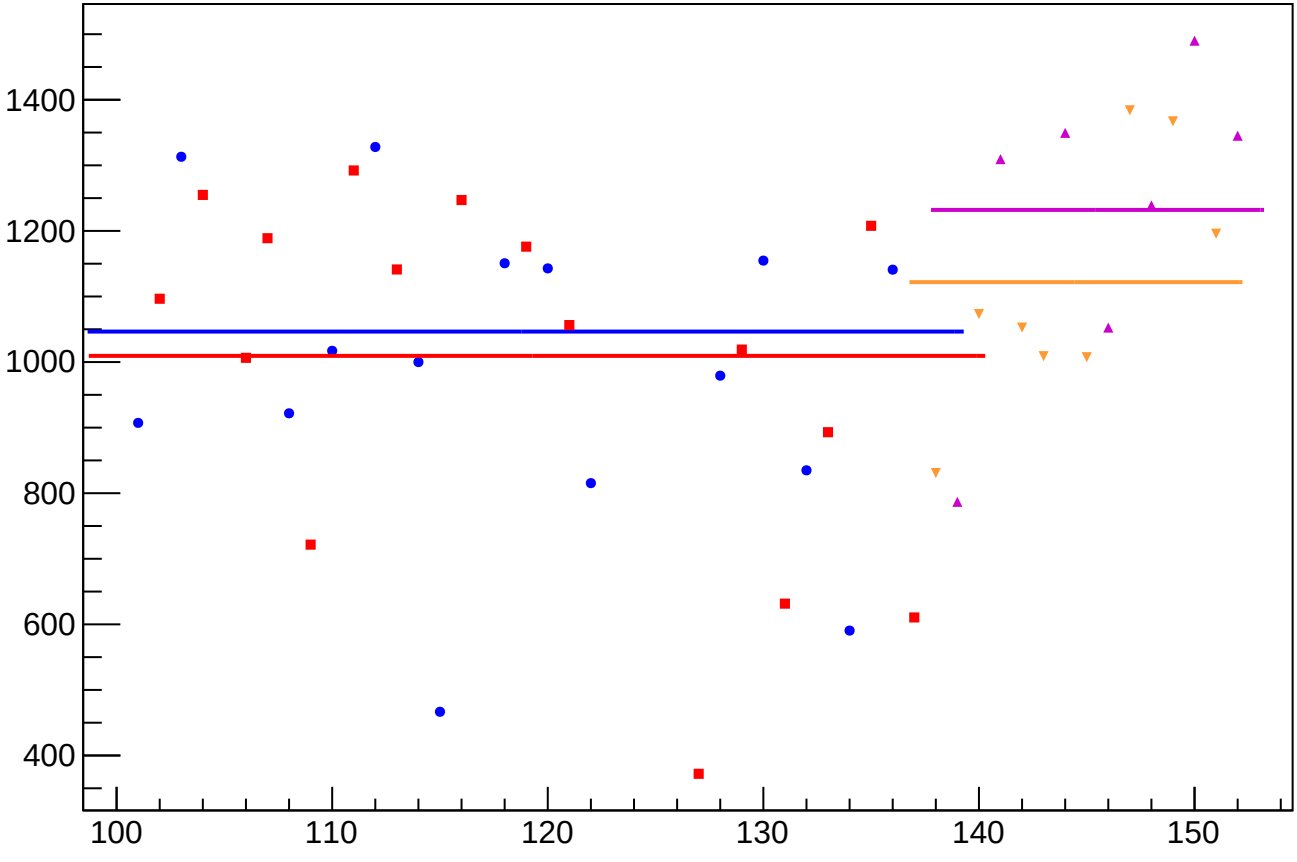
Left In: 933.154+/-0.000 χ^2/NDF:6626739219326028376565664142341229772 8.0/6

+ sign 809.073+/-0.000 χ^2/NDF: 279140073178182

All: 783.488+/-0.000 χ^2/NDF: 53153801835 8

- sign 758.408+/-0.000 χ^2/NDF: 250788018972702

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:19769512923344846183861395938592423936.0/7

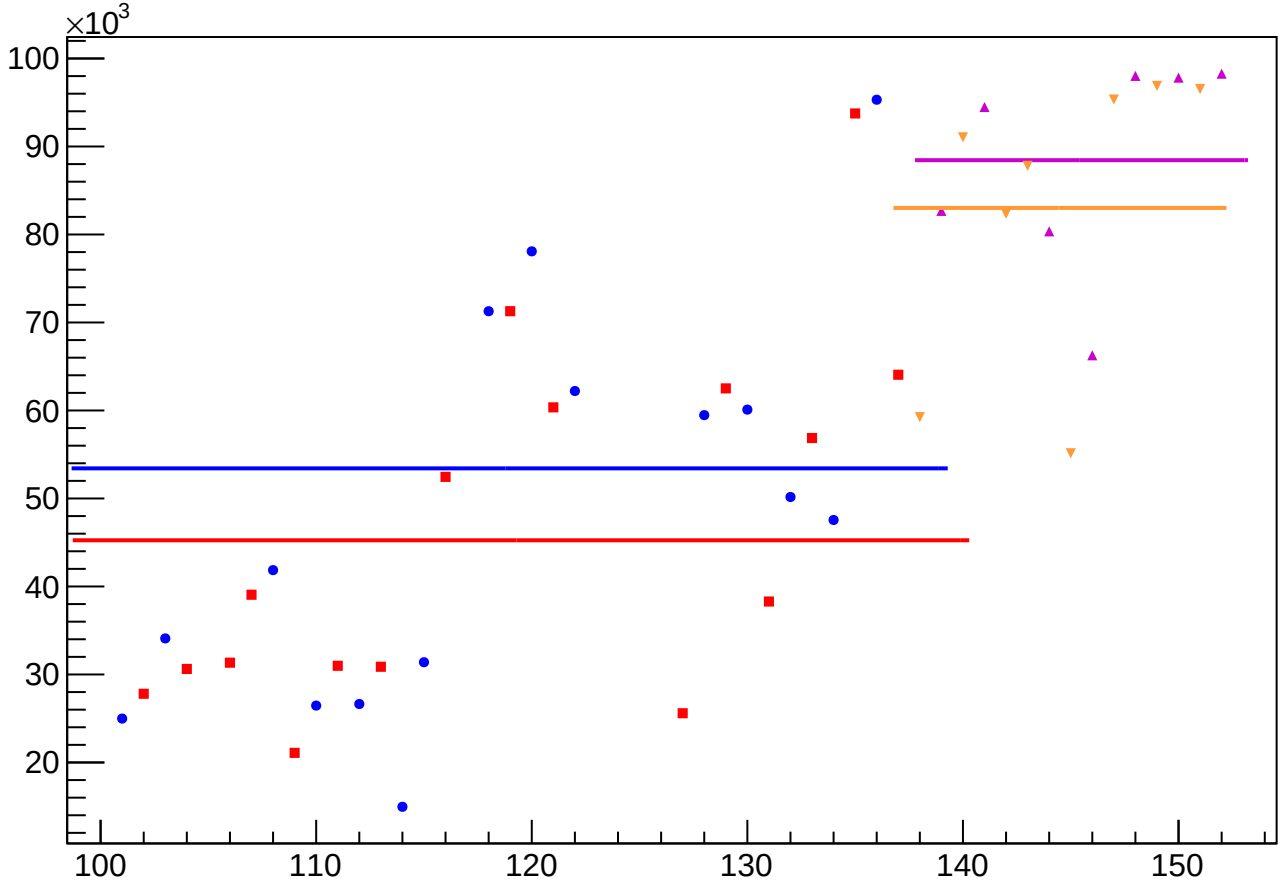
All: 1098.831+/-0.000 χ^2/NDF: 1349494140

Right Out: 1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:27642589162015186881949234538999709696.0/6

dit_sam4_coil1_mean vs Slug



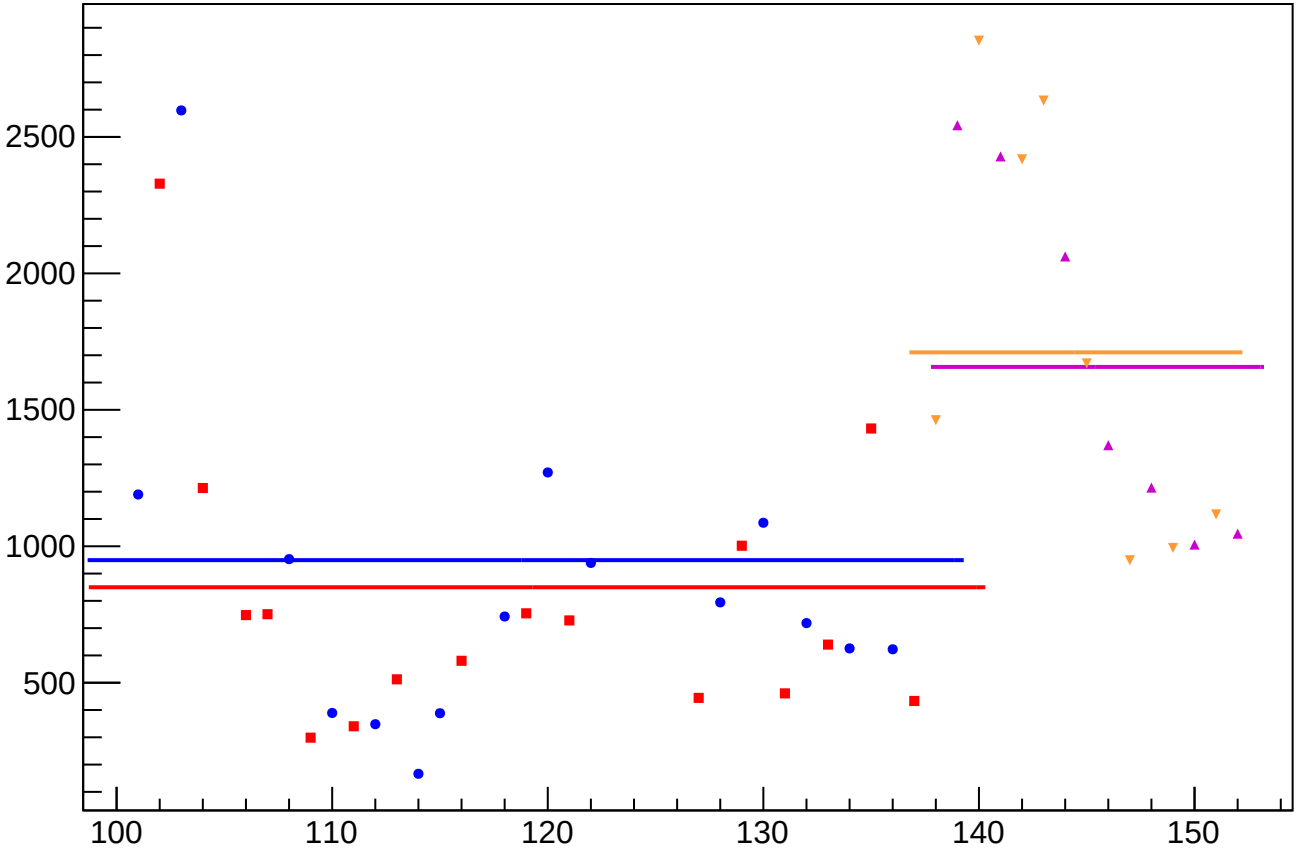
Right In: 53422.452+/-0.000 χ^2/NDF: 360635757315133800133751123167777346551808.0/14

Left Out: 83017.640+/-0.000 + sign 67552.843+/-0.000 χ^2/NDF: 787993429123 χ^2/NDF:155951323315856956126907289697410848129024.0/7

Right Out: 45247.617+/-0.000 All: 66619.237+/-0.000 χ^2/NDF: 174213358 χ^2/NDF: 286060196488034430215784613374055547928576.0/15

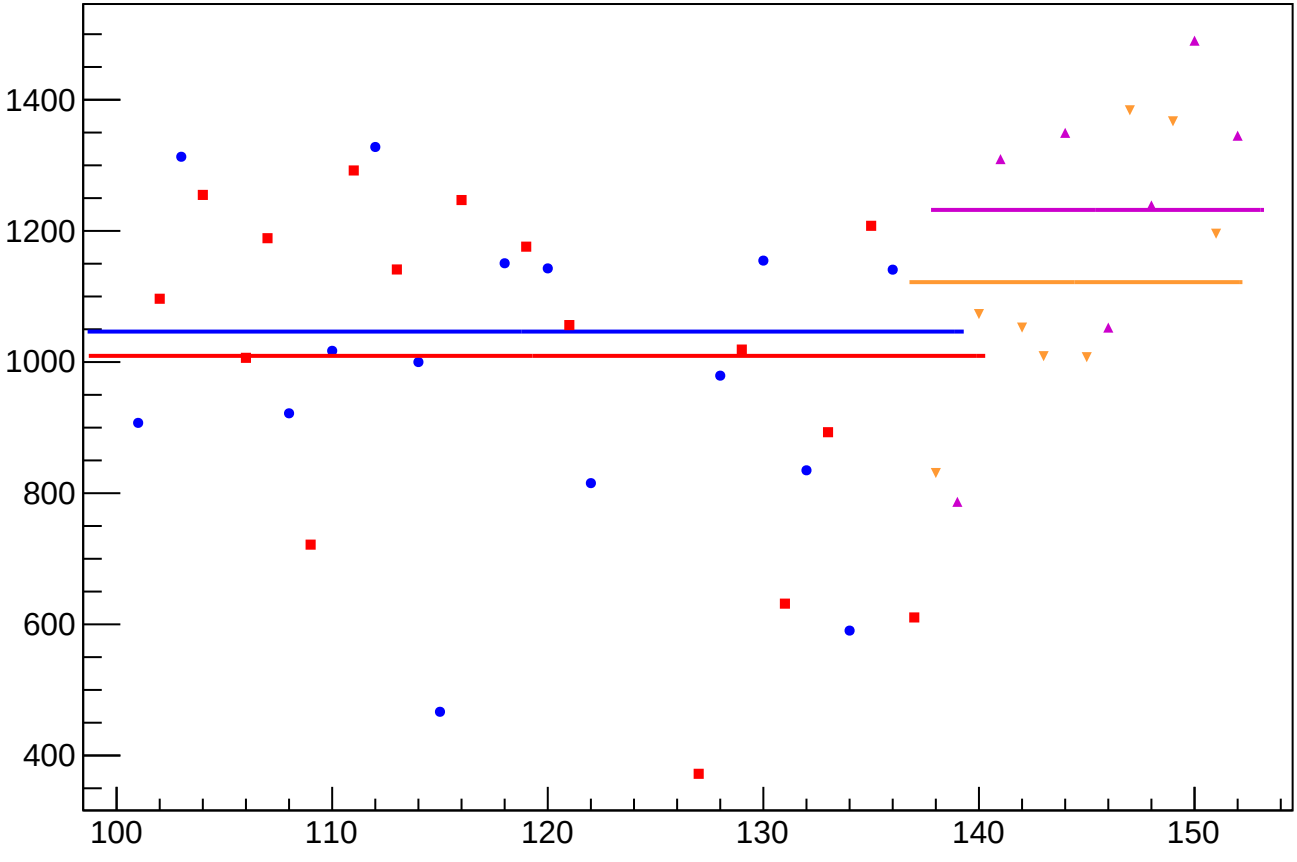
Left In: 88444.790+/-0.000 - sign 65704.052+/-0.000 χ^2/NDF: 9519964154673 χ^2/NDF:765348839457058588372150863253413098946 56.0/6

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14
+ sign 1312.745+/-0.000 χ^2/NDF: 71291741499200
Left Out: 1710.624+/-0.000 χ^2/NDF:307573232527620646000545797506332622848.0/7
All: 1272.068+/-0.000 χ^2/NDF: 1350568400 3
Right Out: 849.827+/-0.000 χ^2/NDF: 204622224261577247702227312745197338624.0/15
- sign 1232.194+/-0.000 χ^2/NDF: 63358151222308
Left In: 1657.259+/-0.000 χ^2/NDF:223032495610289039610461985377953513472.0/6

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:197695129233448461838613959385924239 36.0/7

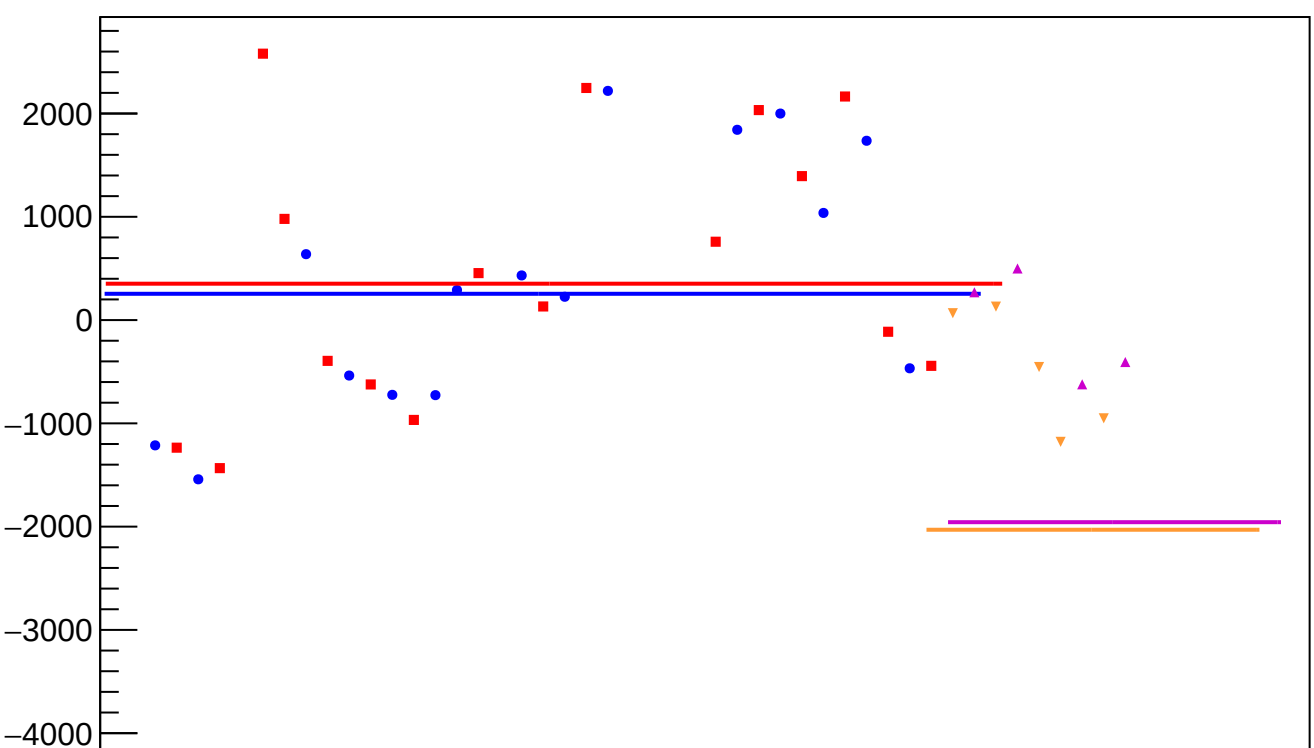
All: 1098.831+/-0.000 χ^2/NDF: 1349494140 1

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

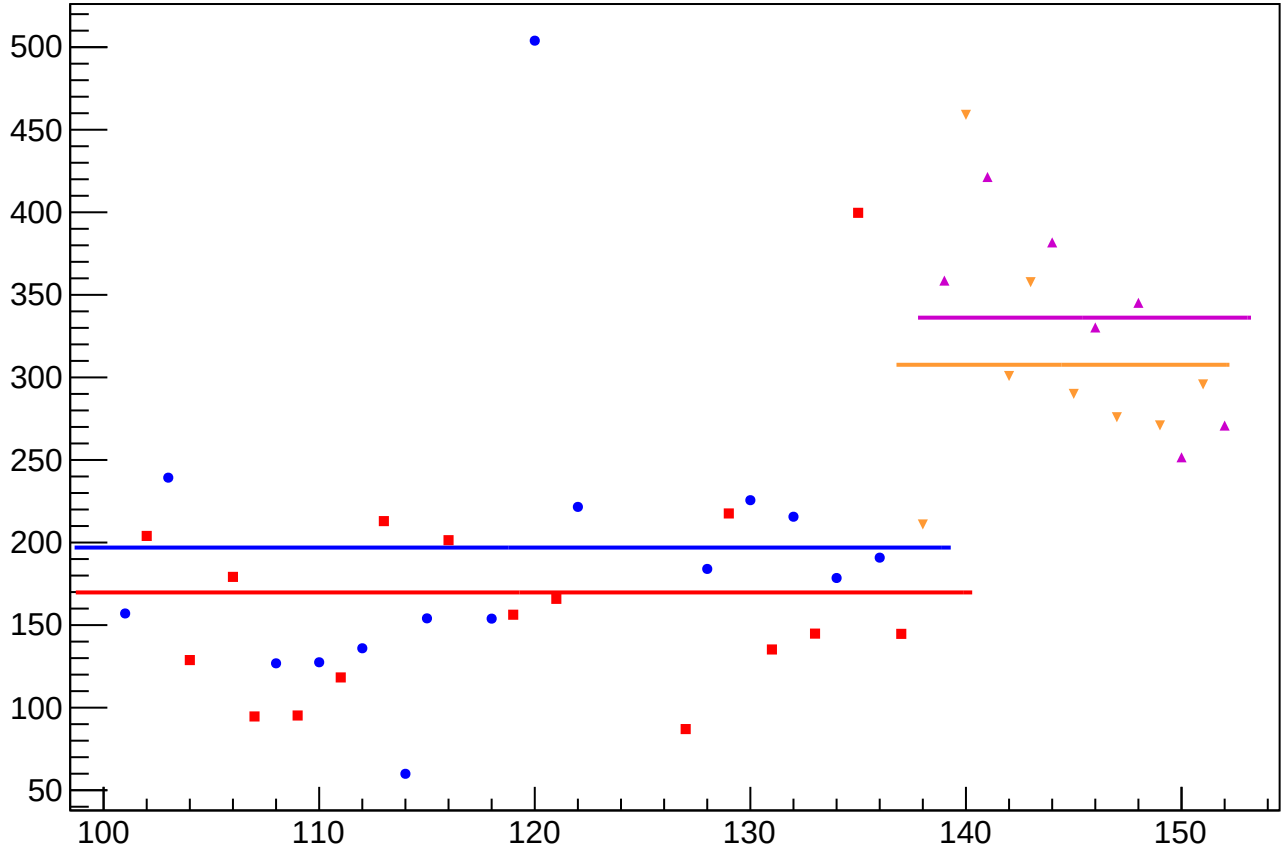
Left In: 1232.033+/-0.000 χ^2/NDF:276425891620151868819492345389997096 96.0/6

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
+ sign -836.289+/-0.000 χ^2/NDF: 48807427976400
Left Out: -2030.172+/-0.000 χ^2/NDF:2284799188375026332586331792816048439296.0/7
All: -788.295+/-0.000 χ^2/NDF: 1049479643 0
Right Out: 352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
- sign -741.247+/-0.000 χ^2/NDF: 56083883234643 3
Left In: -1956.916+/-0.000 χ^2/NDF:2823223486346079614960408847036167749632.0/6

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000 χ^2/NDF: 448524516032965791462137242583878860 8.0/14

Left Out: 307.656+/-0.000 χ^2/NDF:300621498418786714586764901816572313 6.0/7

Right Out: 169.778+/-0.000 χ^2/NDF: 389260944549484578449355864638541004 8.0/15

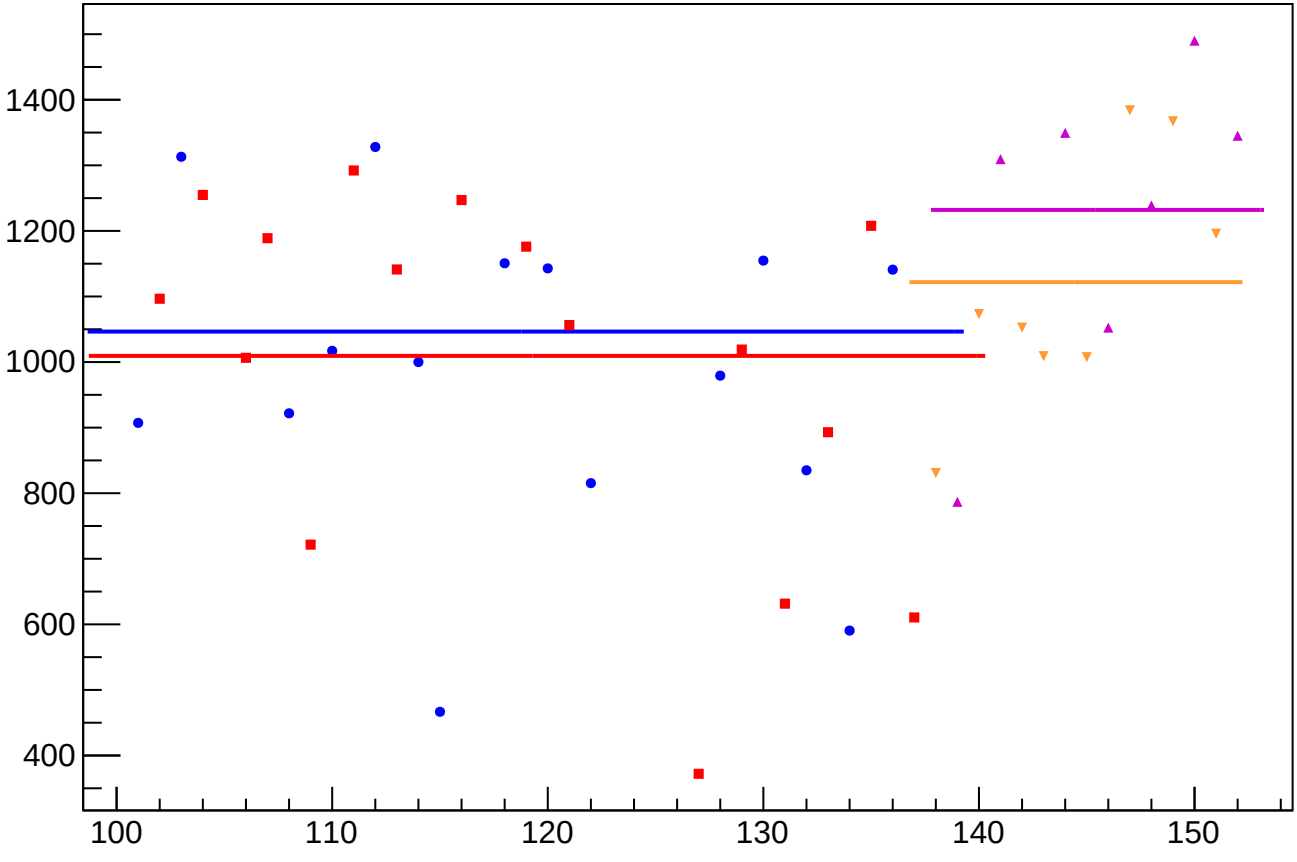
Left In: 336.189+/-0.000 χ^2/NDF:187464388035625717590067721605113446 4.0/6

+ sign 249.810+/-0.000 χ^2/NDF: 112887947379514

All: 249.191+/-0.000 χ^2/NDF: 25804103039 4

- sign 248.584+/-0.000 χ^2/NDF: 145143650079176

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:19769512923344846183861395938592423936.0/7

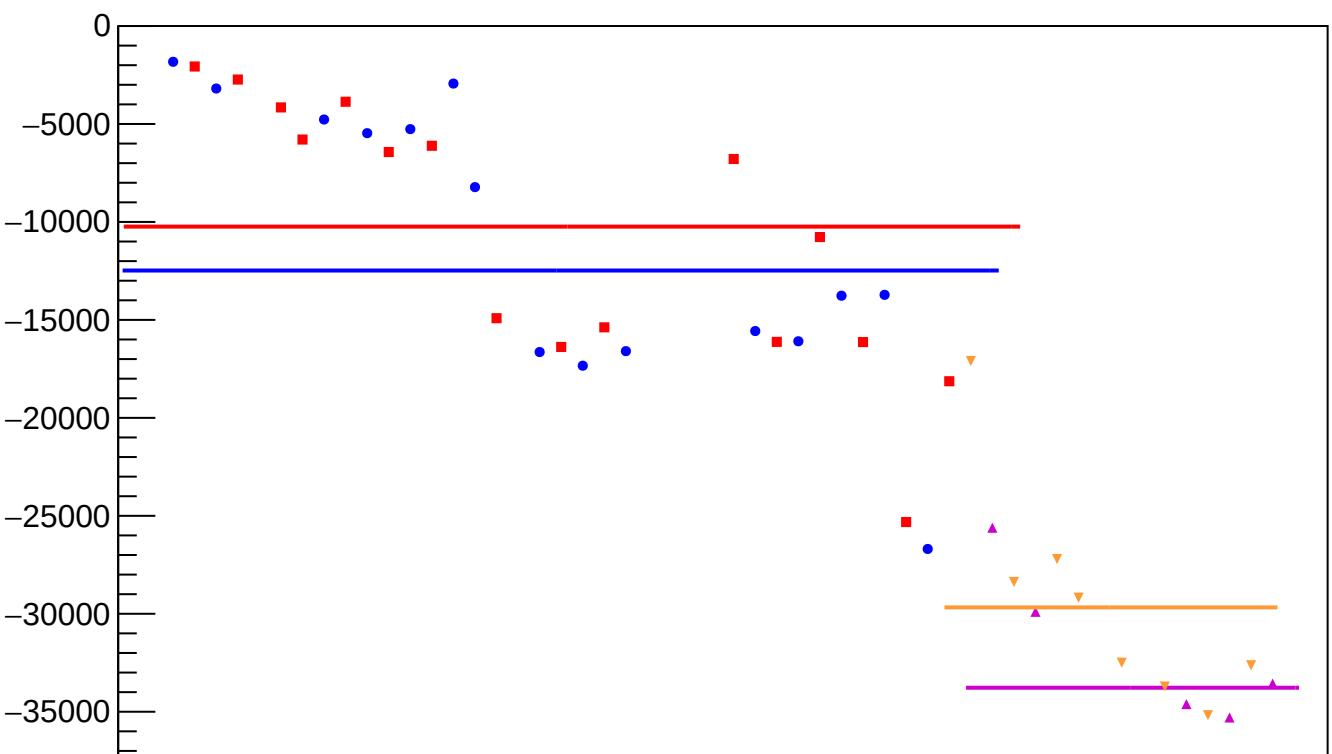
All: 1098.831+/-0.000 χ^2/NDF: 1349494140

Right Out: 1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:27642589162015186881949234538999709696.0/6

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

+ sign -20689.254+/-0.000 χ^2/NDF: 150688162239

Left Out: -29674.130+/-0.000 χ^2/NDF:178968229568822988957702176714399814778 88.0/7

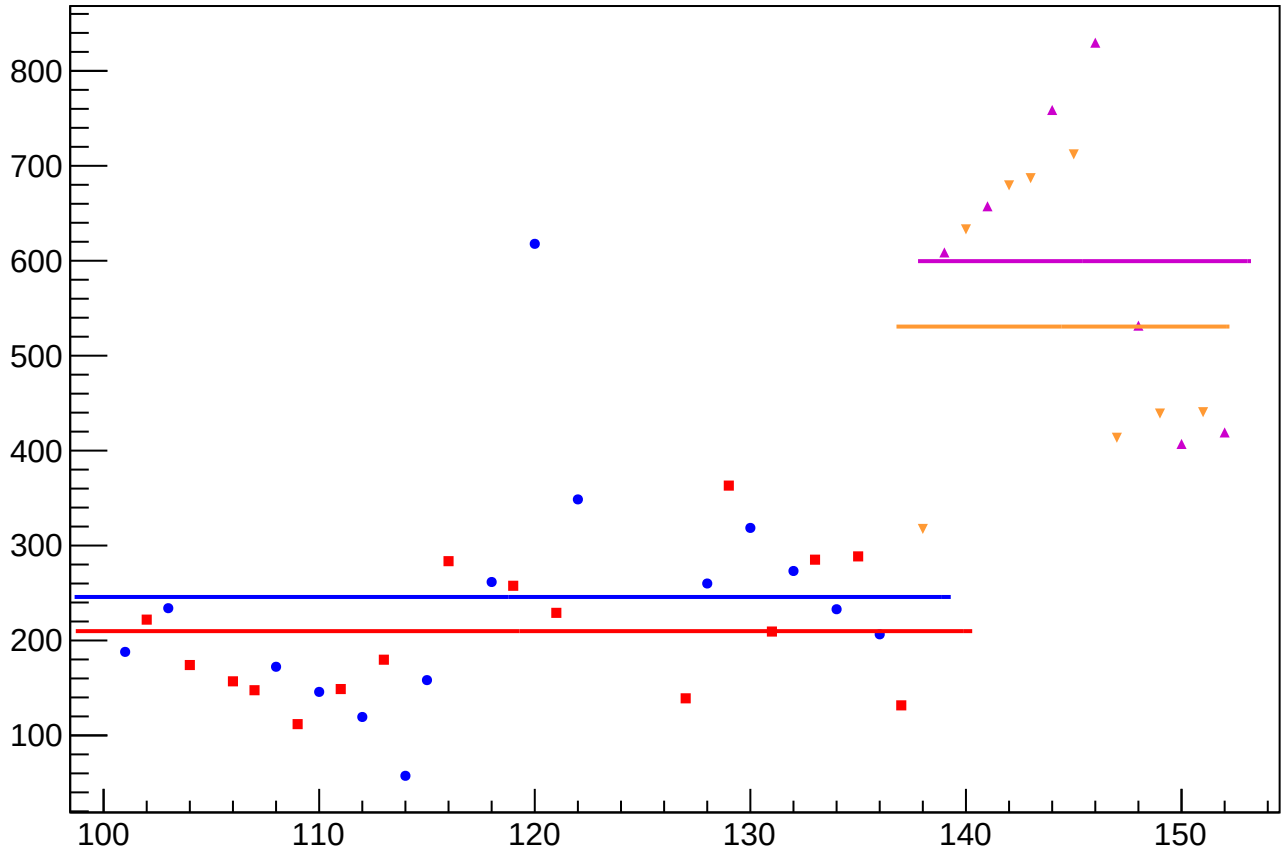
All: -21039.983+/-0.000 χ^2/NDF: 367989250

Right Out: -10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

- sign -21383.791+/-0.000 χ^2/NDF: 2169985451497

Left In: -33774.086+/-0.000 χ^2/NDF:107999736322384919407306230377302017966 08.0/6

dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 530.665+/-0.000 χ^2/NDF:1212570714858116677328329152424155545 6.0/7

Right Out: 209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

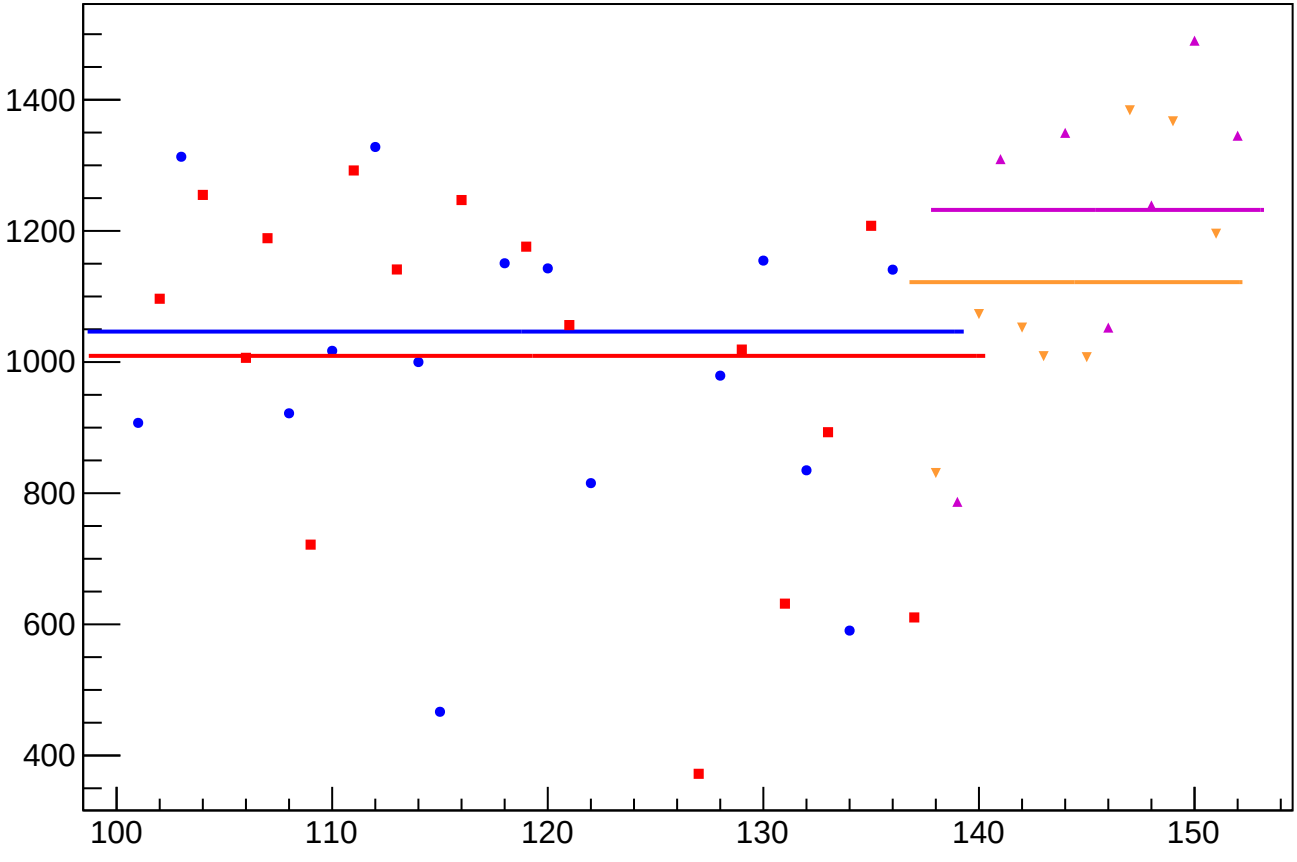
Left In: 599.588+/-0.000 χ^2/NDF:1353702032309947105500375760444483174 4.0/6

+ sign 381.828+/-0.000 χ^2/NDF: 450935354686096

All: 388.182+/-0.000 χ^2/NDF: 109838218743

- sign 394.411+/-0.000 χ^2/NDF: 646453771625327

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:197695129233448461838613959385924239 36.0/7

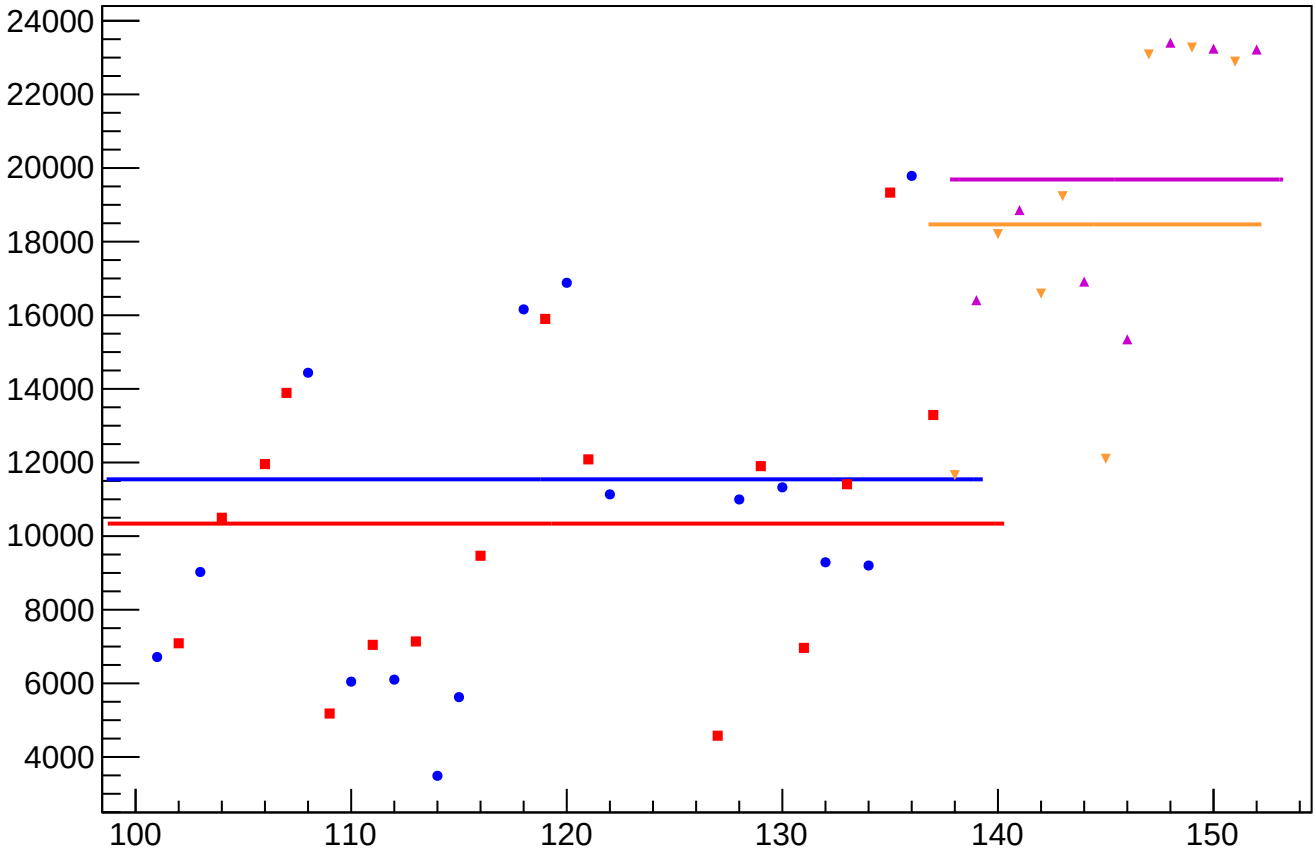
All: 1098.831+/-0.000 χ^2/NDF: 1349494140 1

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:276425891620151868819492345389997096 96.0/6

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Left Out: 18468.508+/-0.000 χ^2/NDF:1221693753672311101026722659207080837120 0.0/7

Right Out: 10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15

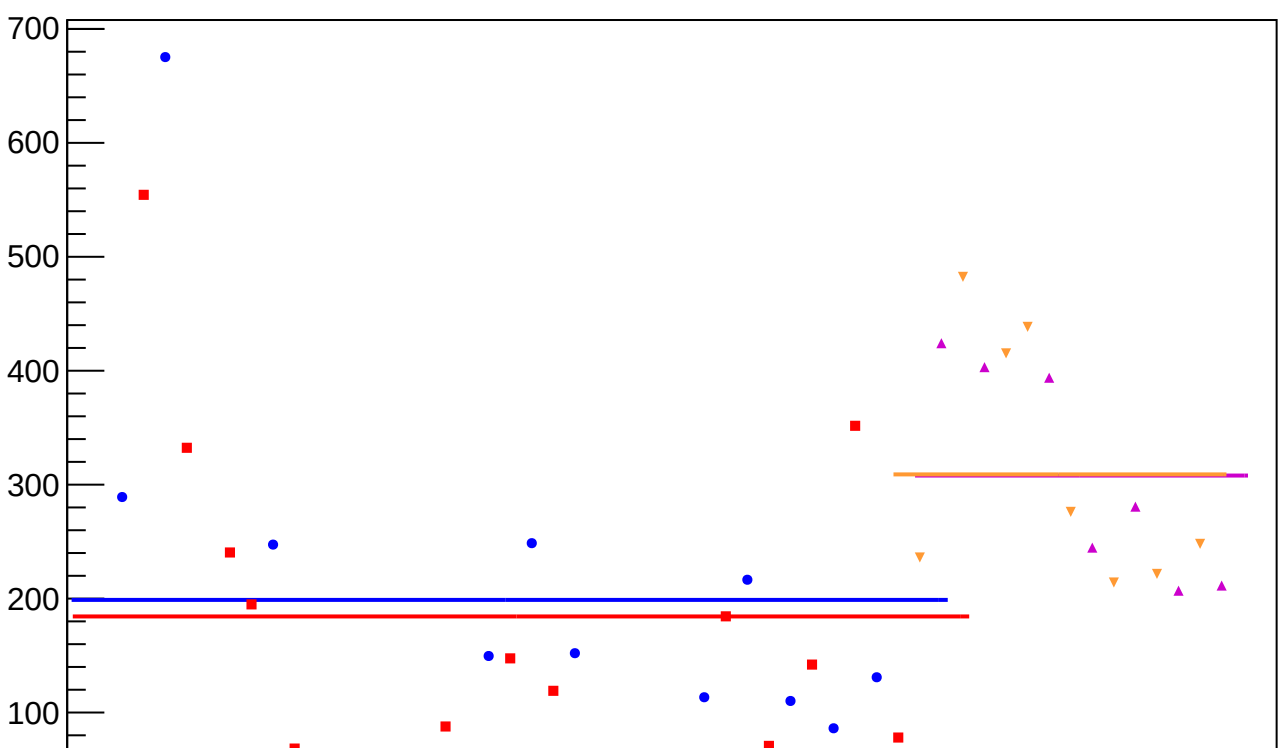
Left In: 19688.157+/-0.000 χ^2/NDF:6574038208627361946639785668593204592640.0/6

+ sign 14849.498+/-0.000 χ^2/NDF: 413136438589 0

All: 14807.784+/-0.000 χ^2/NDF: 867557360 7

- sign 14766.893+/-0.000 χ^2/NDF: 454378125685 9

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14

Left Out: 309.007+/-0.000 χ^2/NDF:623972685132884842319286725863538688 0.0/7

Right Out: 184.328+/-0.000 χ^2/NDF: 149274349313955886010249615383724032 00.0/15

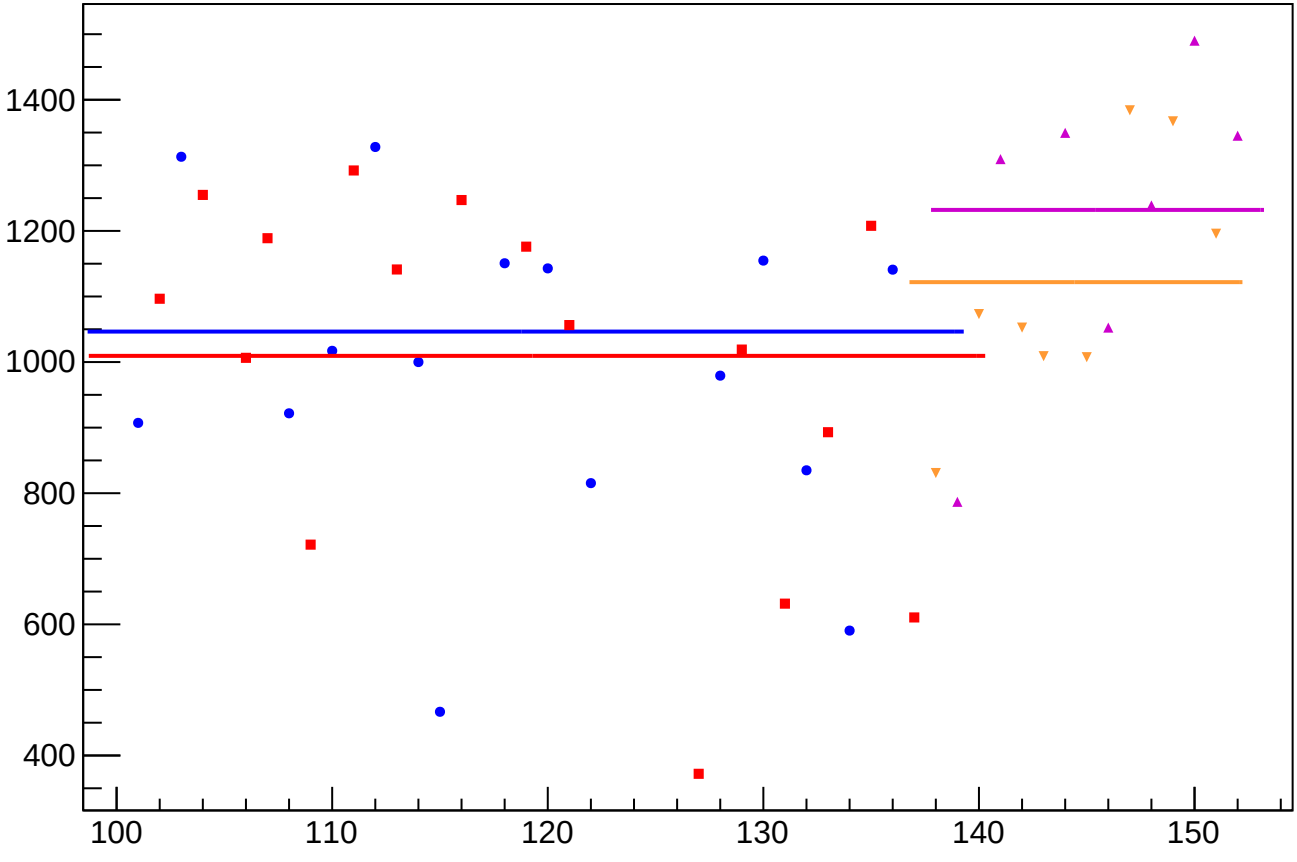
Left In: 307.996+/-0.000 χ^2/NDF:46539277070868709739673774814102814 72.0/6

+ sign 251.445+/-0.000 χ^2/NDF: 283338245564760

All: 247.126+/-0.000 χ^2/NDF: 527918182831

- sign 242.893+/-0.000 χ^2/NDF: 244121156065650

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:197695129233448461838613959385924239 36.0/7

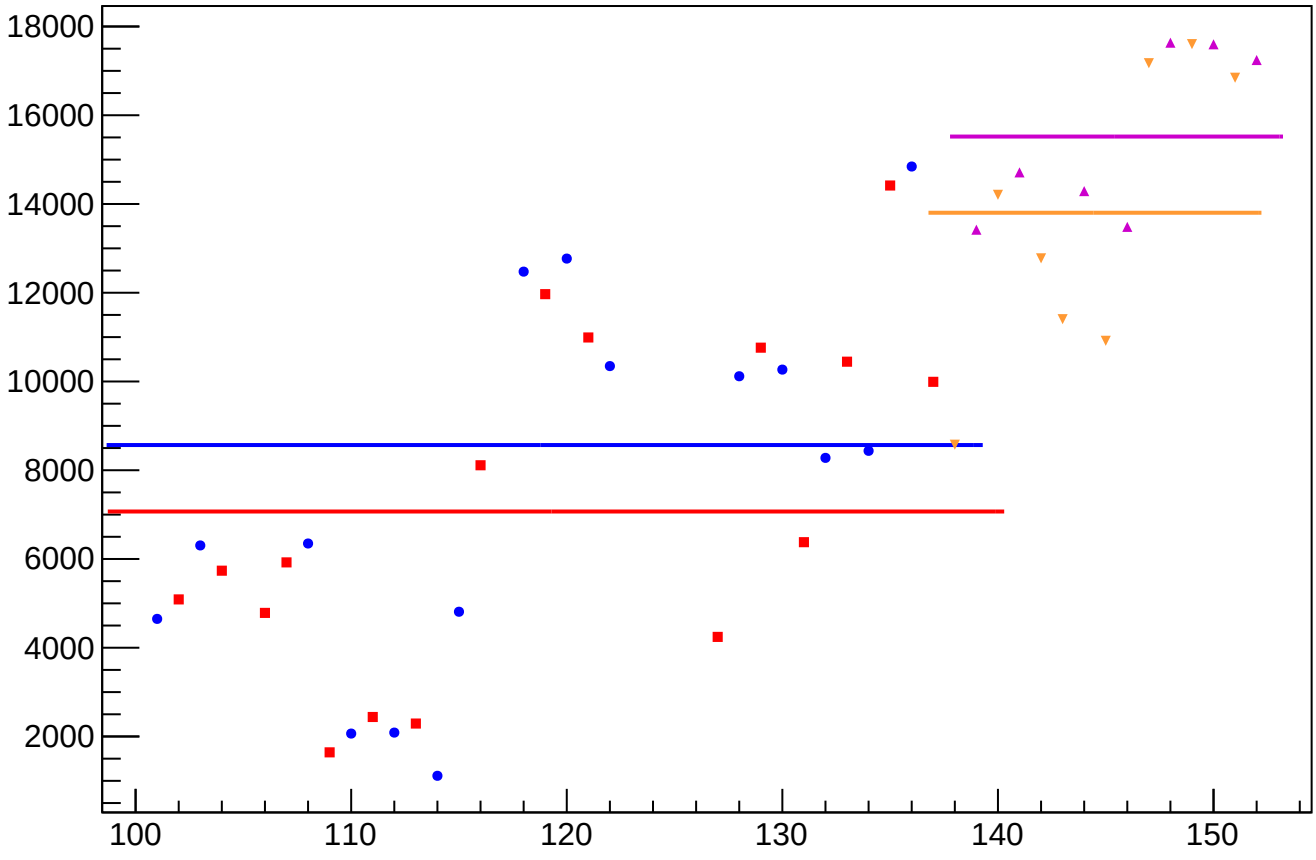
All: 1098.831+/-0.000 χ^2/NDF: 1349494140 1

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:276425891620151868819492345389997096 96.0/6

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

+ sign 11067.245+/-0.000 χ^2/NDF: 2566288369853

Left Out: 13802.742+/-0.000 χ^2/NDF:6064950892321279780926837363427663413248.0/7

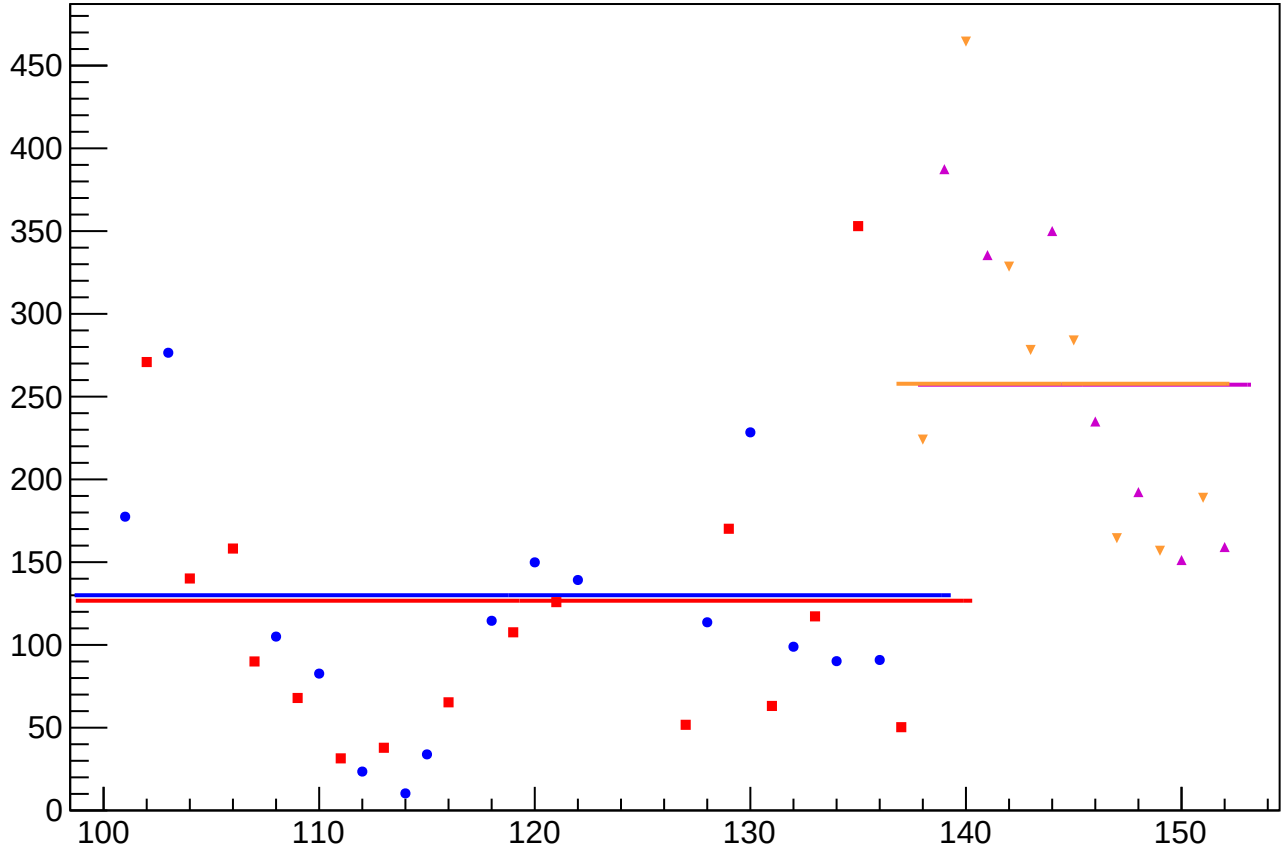
All: 11069.365+/-0.000 χ^2/NDF: 6021167355

Right Out: 7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

- sign 11071.444+/-0.000 χ^2/NDF: 3454877879402

Left In: 15519.844+/-0.000 χ^2/NDF:1918634983765955343741749539578744668160.0/6

dit_sam8_coil1_err_mean vs Slug



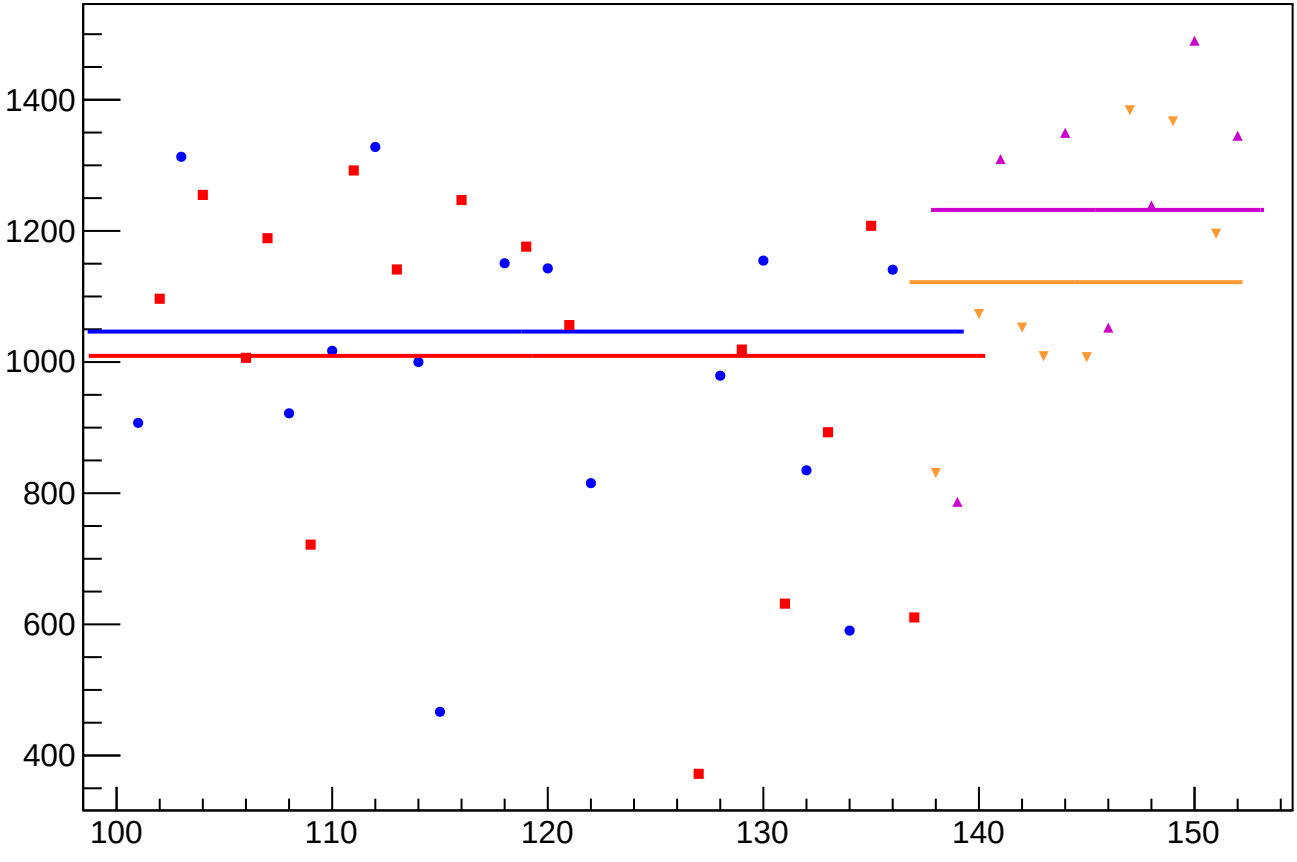
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Left Out: 257.784+/-0.000 χ^2/NDF:580570906678070719223821639690380902 4.0/7 + sign 191.022+/-0.000 χ^2/NDF: 13979147810944 9

Right Out: 126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15 All: 189.754+/-0.000 χ^2/NDF: 29673687553 5

Left In: 257.214+/-0.000 χ^2/NDF:4913800289486875674352565953190952960.0/6 - sign 188.511+/-0.000 χ^2/NDF: 156905834644363

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1082.485+/-0.000 χ^2/NDF: 46397258455823

Left Out: 1121.879+/-0.000 χ^2/NDF:19769512923344846183861395938592423936.0/7

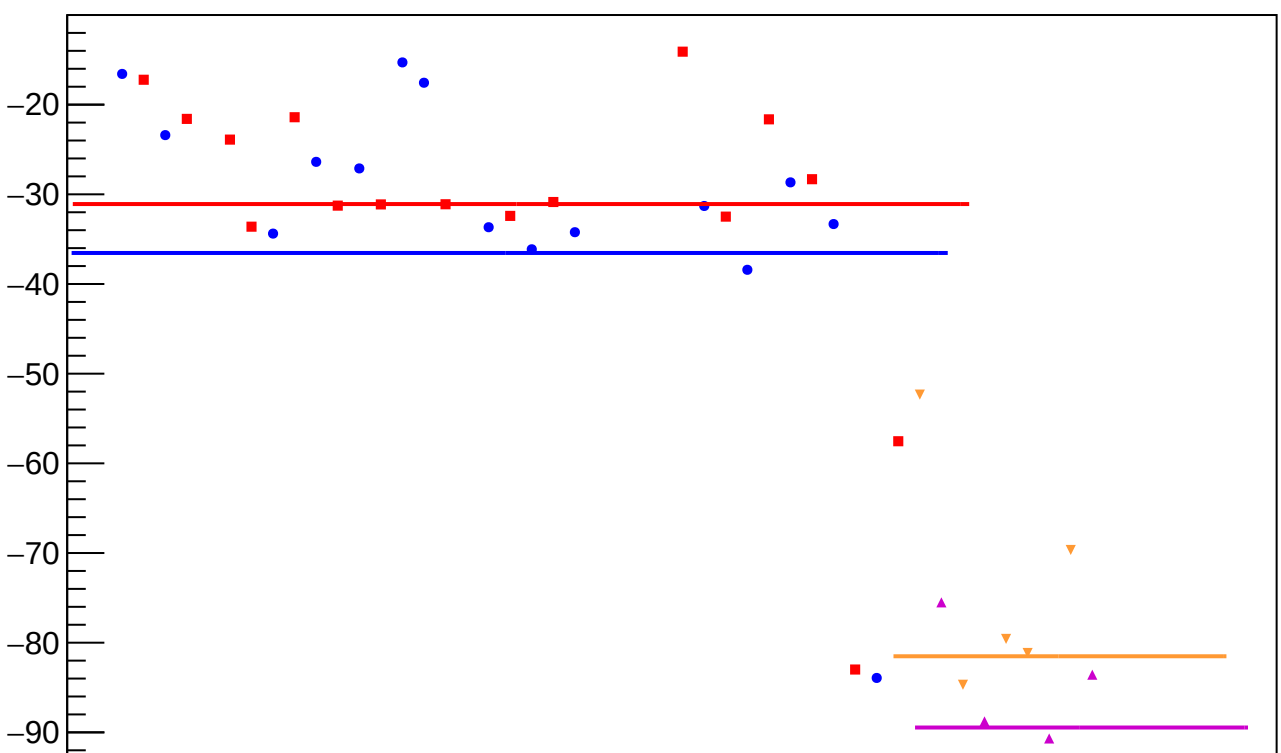
All: 1098.831+/-0.000 χ^2/NDF: 1349494140

Right Out: 1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15

- sign 1114.854+/-0.000 χ^2/NDF: 87895006745157

Left In: 1232.033+/-0.000 χ^2/NDF:27642589162015186881949234538999709696.0/6

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

Left Out: -81.514+/-0.000 χ^2/NDF:1190755973740913419723276942814740 48.0/7

Right Out: -31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

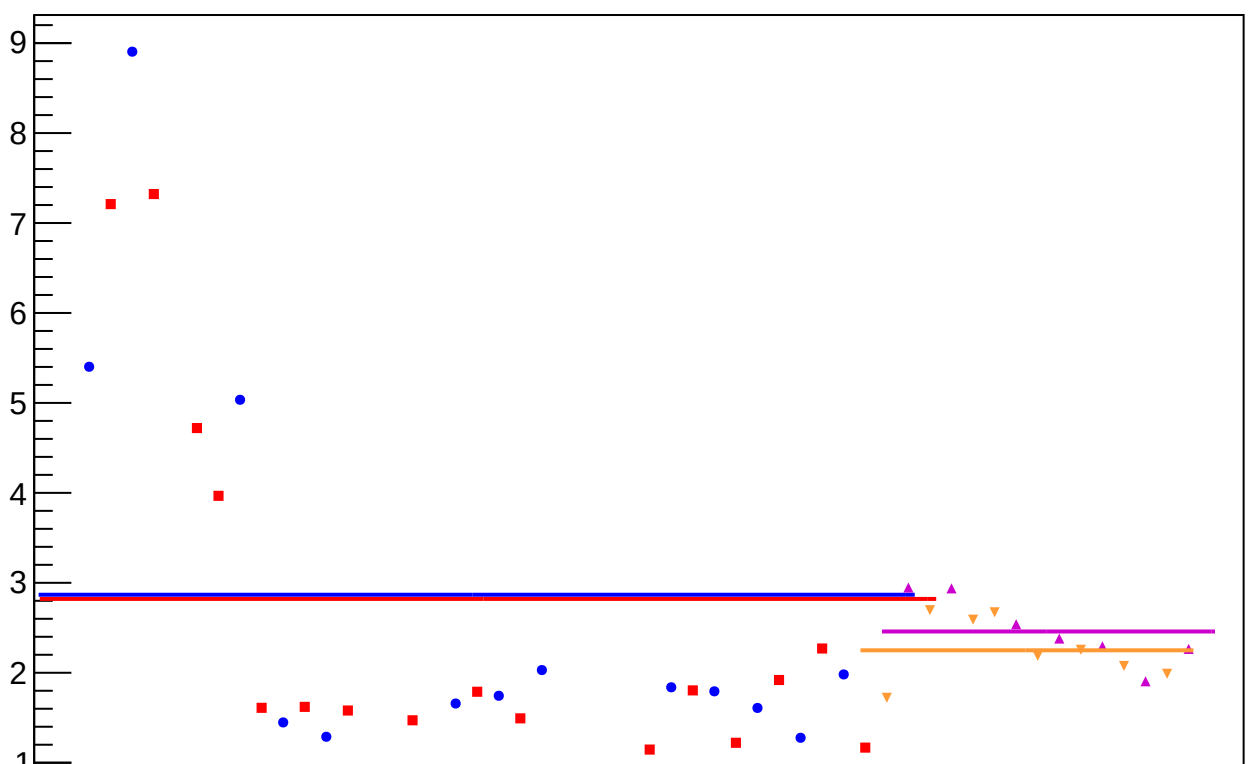
Left In: -89.460+/-0.000 χ^2/NDF:2823548849032475941358004375178444 8.0/6

+ sign -58.013+/-0.000 χ^2/NDF: 100019523445778

All: -58.375+/-0.000 χ^2/NDF: 228638012785

- sign -58.729+/-0.000 χ^2/NDF: 128586344890552

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.250+/-0.000 χ^2/NDF:6343901186431699944191560987443 2.0/7

Right Out: 2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

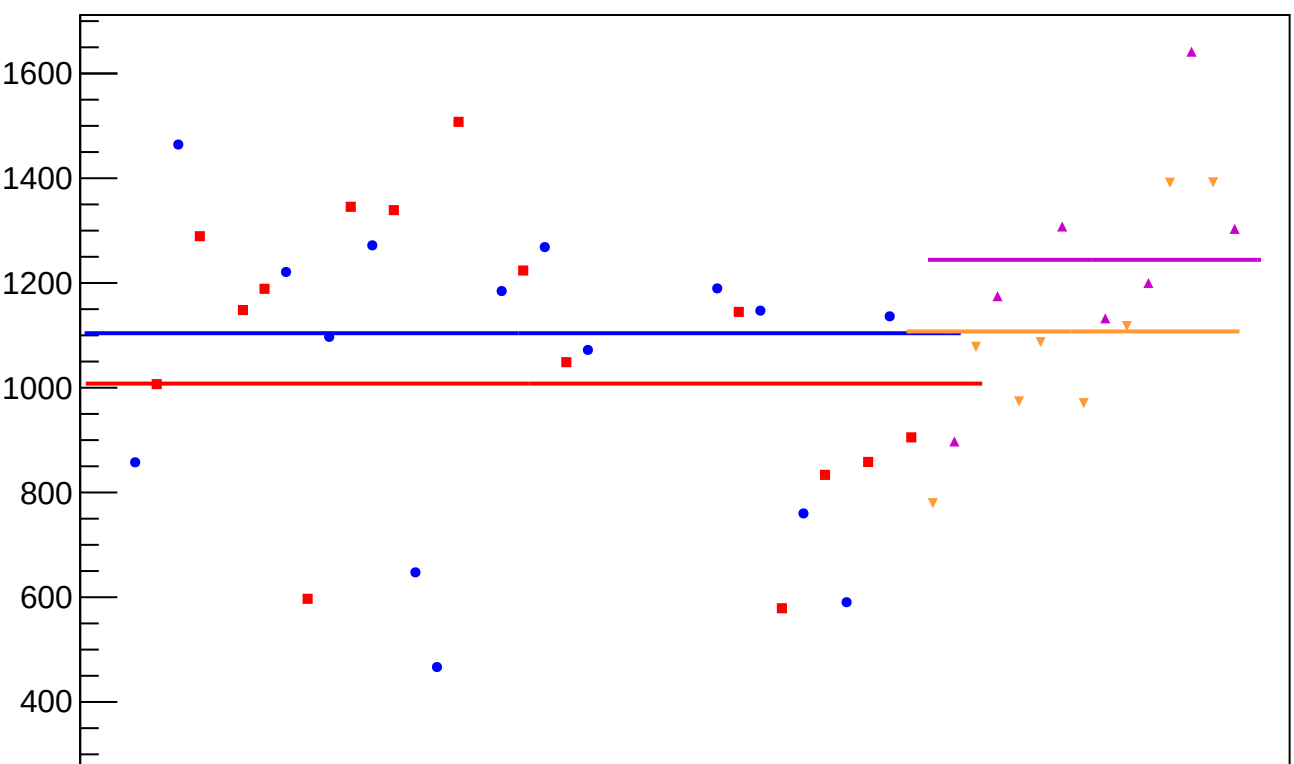
Left In: 2.459+/-0.000 χ^2/NDF:7335101667841602263219262246092 8.0/6

+ sign 2.573+/-0.000 χ^2/NDF: 3637155548881427 7

All: 2.611+/-0.000 χ^2/NDF: 6808581122471 5

- sign 2.650+/-0.000 χ^2/NDF: 3167705267350327 9

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:2385209121610525631213242115105069 4656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

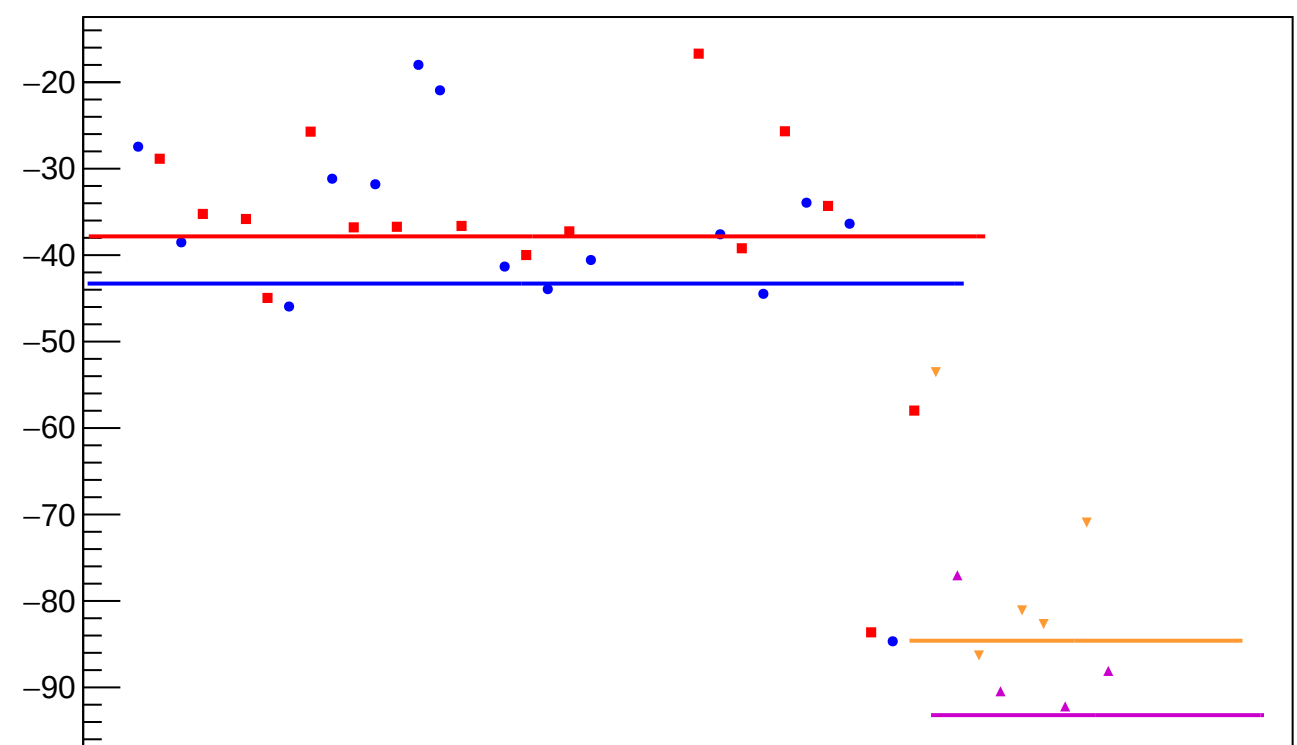
Left In: 1244.218+/-0.000 χ^2/NDF:2639200469334000092654114783037174 5792.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Left Out: -84.598+/-0.000 χ^2/NDF:1484760365646220693090654456664555552.0/7

Right Out: -37.832+/-0.000 χ^2/NDF: 1486839339772049366346368438973235 20.0/15

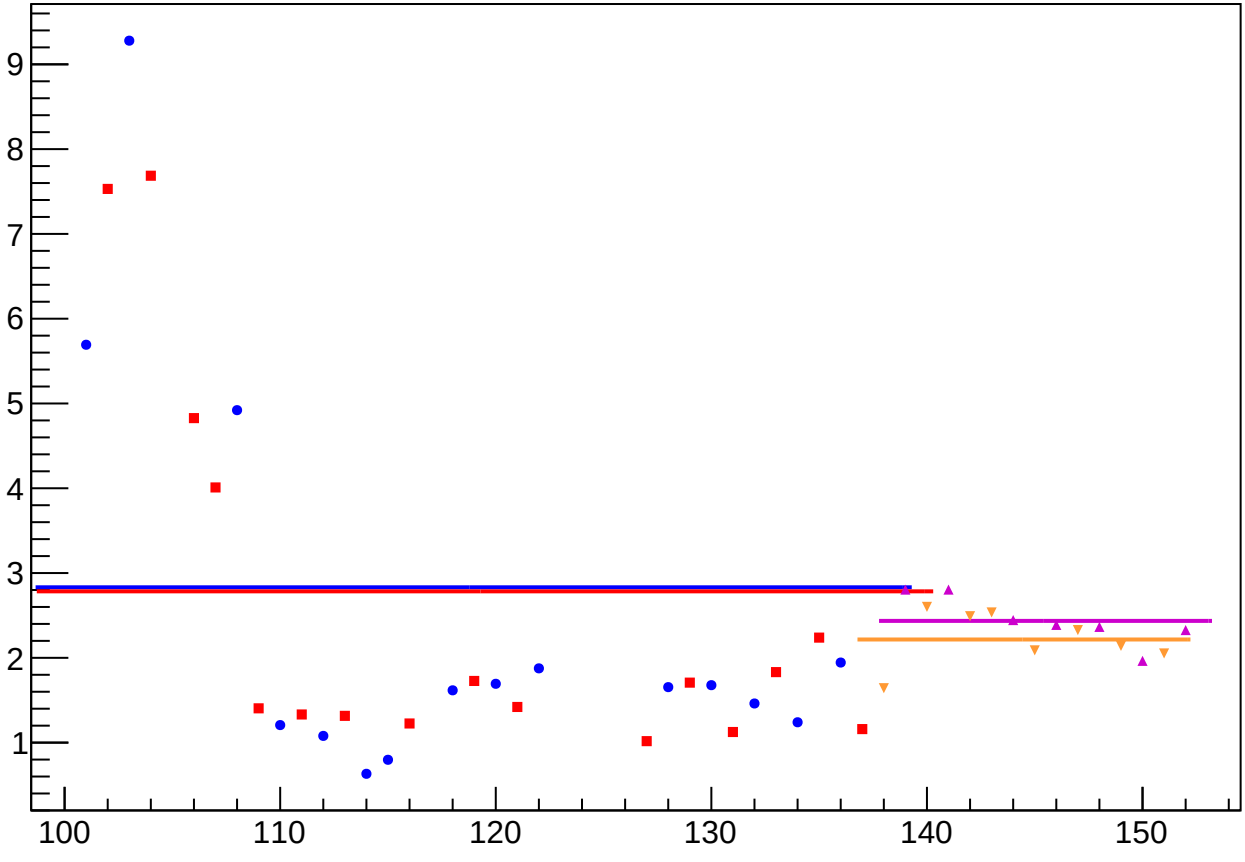
Left In: -93.208+/-0.000 χ^2/NDF:4032244162917700352940066411118592 0.0/6

+ sign -63.012+/-0.000 χ^2/NDF: 876567718487641

All: -63.539+/-0.000 χ^2/NDF: 203483317044

- sign -64.056+/-0.000 χ^2/NDF: 1157582416417881

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

+ sign 2.538+/-0.000 χ^2/NDF: 4128097035788787 3

Left Out: 2.216+/-0.000 χ^2/NDF:5303102535896433332432132101137 92.0/7

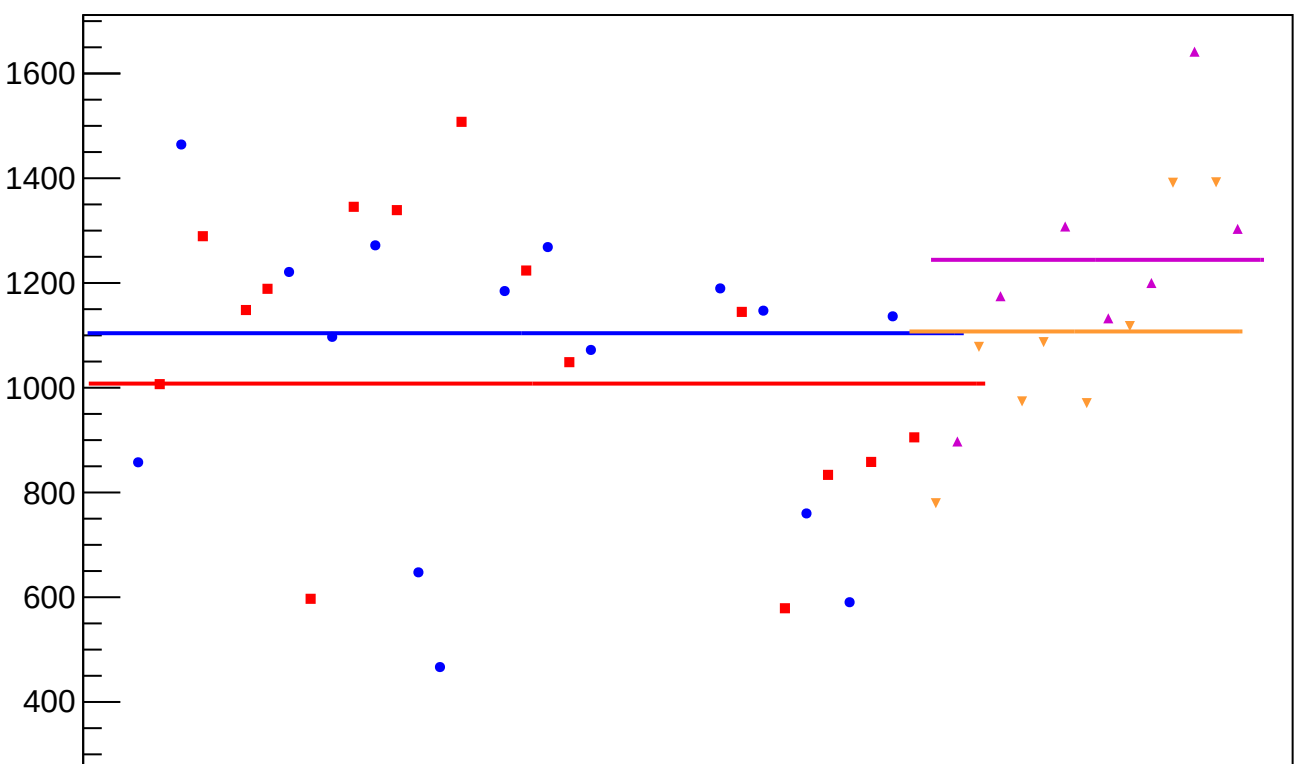
All: 2.579+/-0.000 χ^2/NDF: 7804603293714 6

Right Out: 2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

- sign 2.619+/-0.000 χ^2/NDF: 3672370068612343 4

Left In: 2.436+/-0.000 χ^2/NDF:4446117683917749890228946993152 0.0/6

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:2385209121610525631213242115105069 4656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

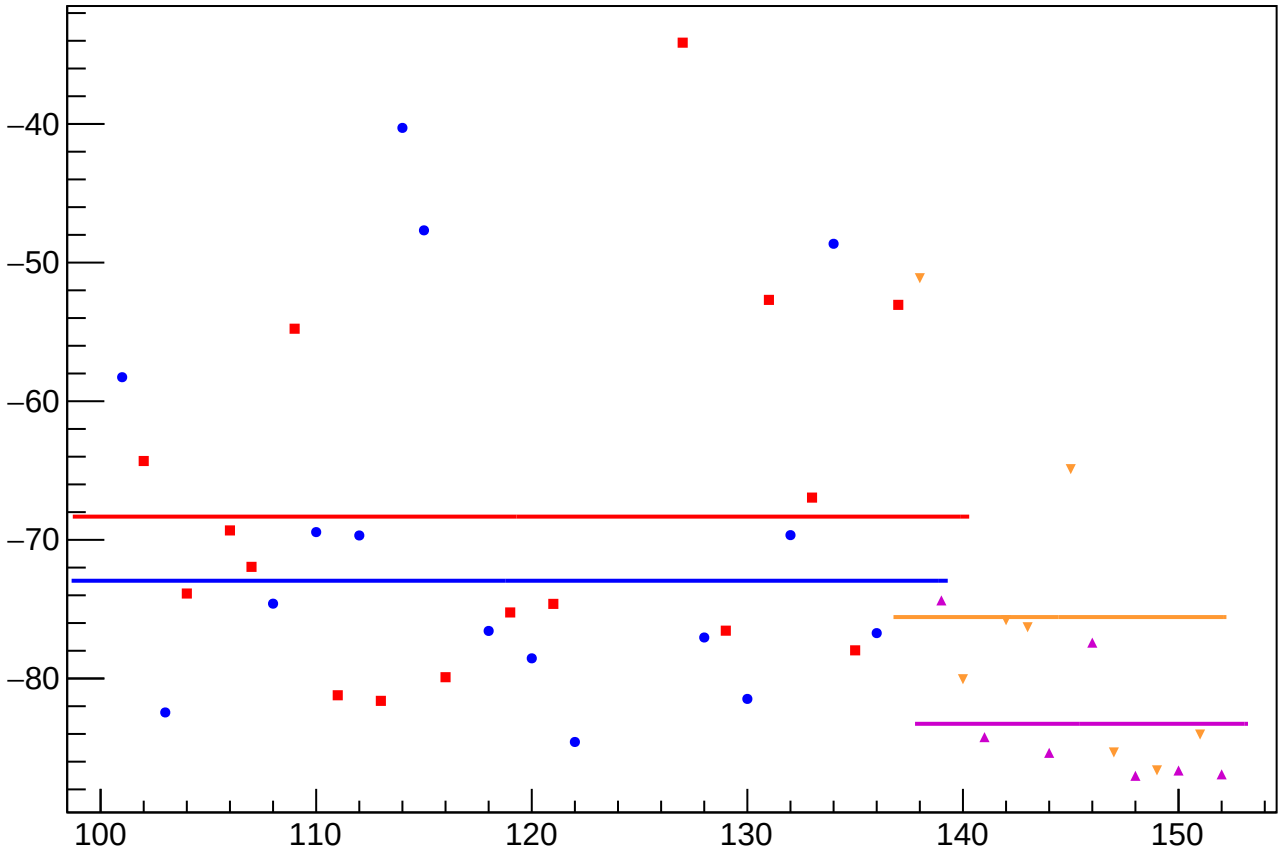
Left In: 1244.218+/-0.000 χ^2/NDF:2639200469334000092654114783037174 5792.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Left Out: -75.569+/-0.000 χ^2/NDF:807406763088895782504239550263459 84.0/7

Right Out: -68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

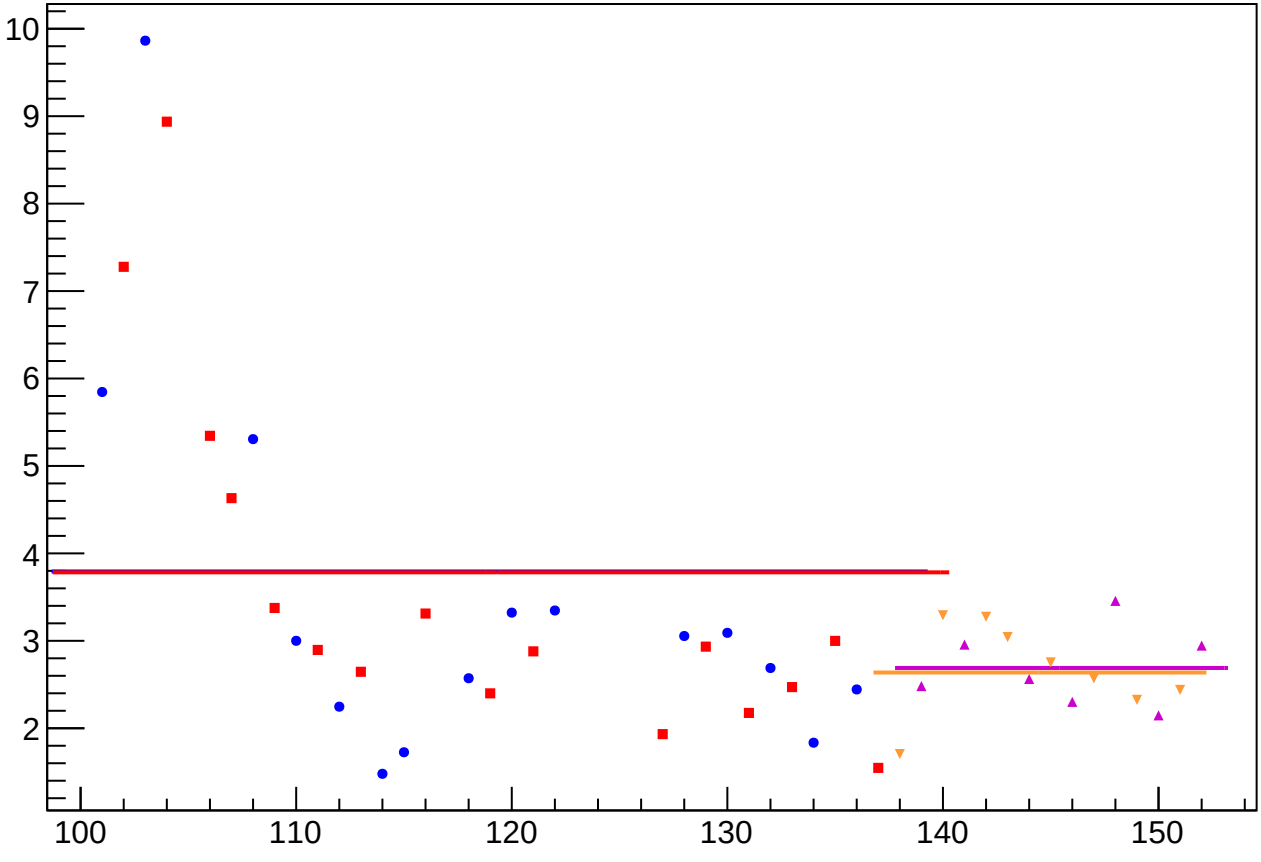
Left In: -83.269+/-0.000 χ^2/NDF:1310315289881761431127850544948838 4.0/6

+ sign -74.200+/-0.000 χ^2/NDF: 148623432611550

All: -74.806+/-0.000 χ^2/NDF: 339873663227

- sign -75.401+/-0.000 χ^2/NDF: 190345696731211 5

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

+ sign 3.241+/-0.000 χ^2/NDF: 37643086514303414

Left Out: 2.638+/-0.000 χ^2/NDF:1453524739330536080235317690368 00.0/7

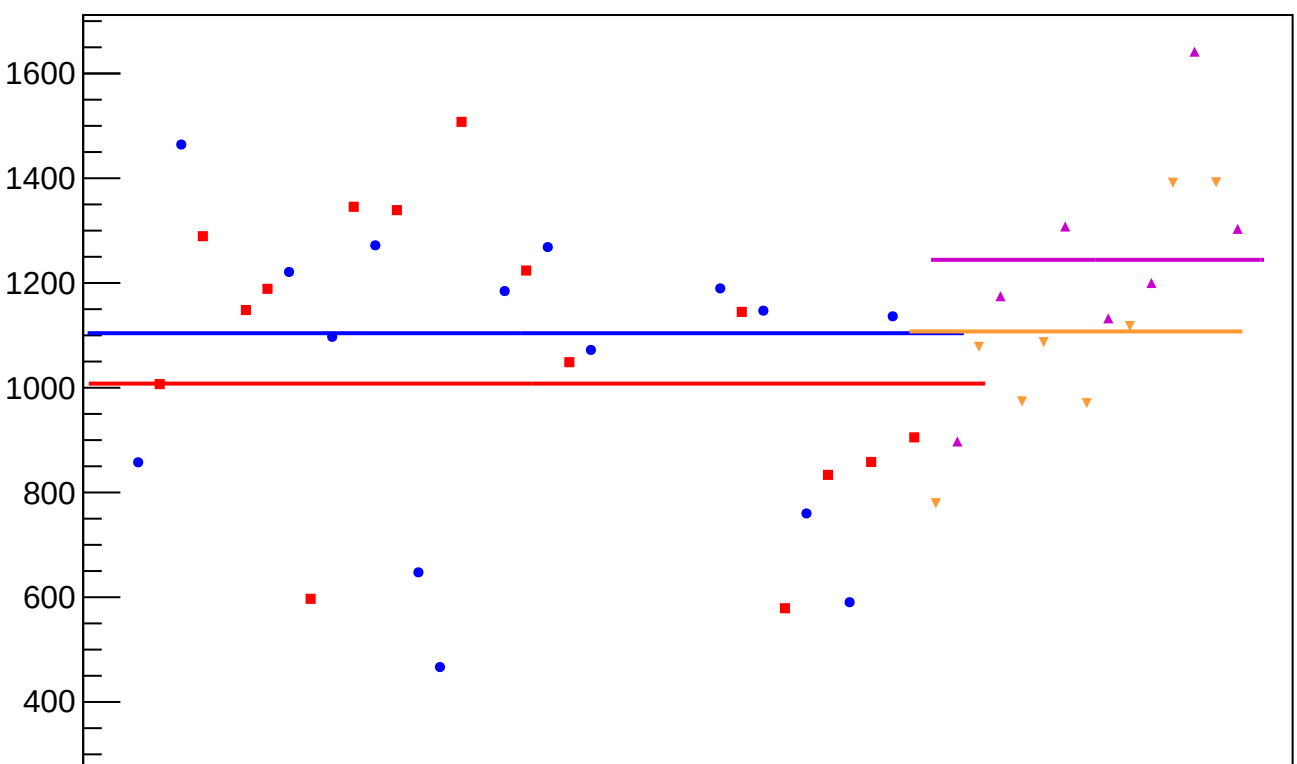
All: 3.253+/-0.000 χ^2/NDF: 7126345324228 3

Right Out: 3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

- sign 3.265+/-0.000 χ^2/NDF: 33616748683452681

Left In: 2.690+/-0.000 χ^2/NDF:1052873124041439875839966576640 00.0/6

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:23852091216105256312132421151050694656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

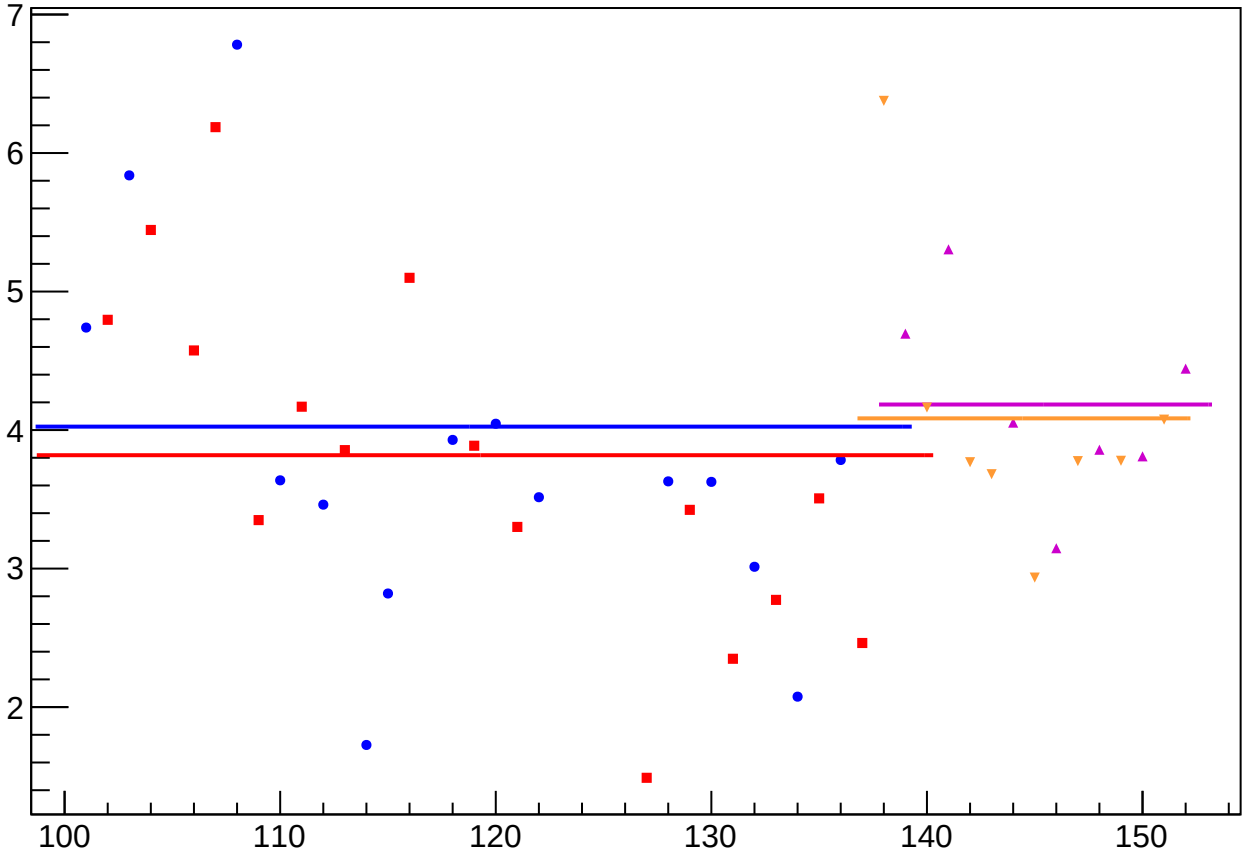
Left In: 1244.218+/-0.000 χ^2/NDF:2639200469334000092654114783037174 5792.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Left Out: 4.084+/-0.000 χ^2/NDF:548149642295418173554420151746560.0/7

Right Out: 3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

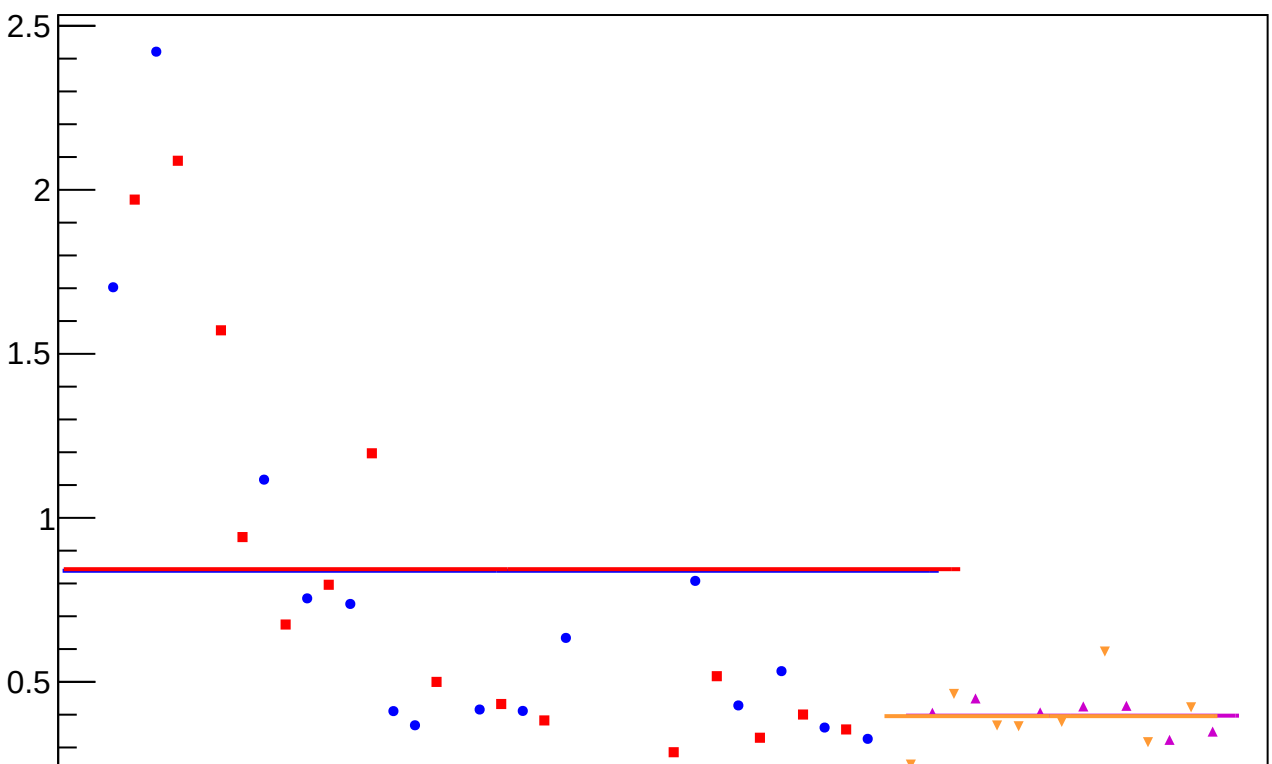
Left In: 4.184+/-0.000 χ^2/NDF:246284971167571696357242006667264.0/6

+ sign 4.053+/-0.000 χ^2/NDF: 1318253831887896

All: 4.022+/-0.000 χ^2/NDF: 2497441857444

- sign 3.992+/-0.000 χ^2/NDF: 1176816526460146

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Left Out: 0.396+/-0.000 χ^2/NDF:5814960192303215199290071711744.0/7

Right Out: 0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

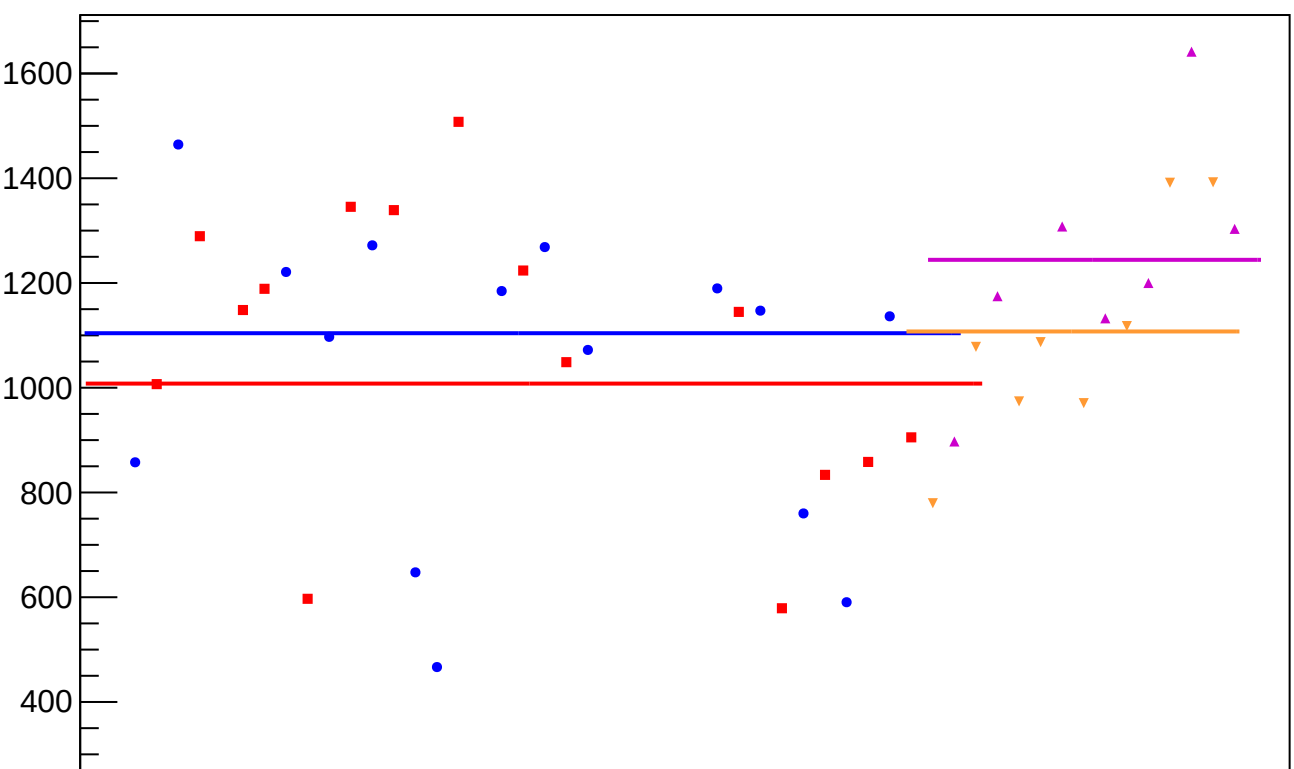
Left In: 0.397+/-0.000 χ^2/NDF:1090604665866244330487950606336.0/6

+ sign 0.627+/-0.000 χ^2/NDF: 3250978497135622 6

All: 0.630+/-0.000 χ^2/NDF: 6421068423904 1

- sign 0.632+/-0.000 χ^2/NDF: 3169934739639693 2

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:2385209121610525631213242115105069 4656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

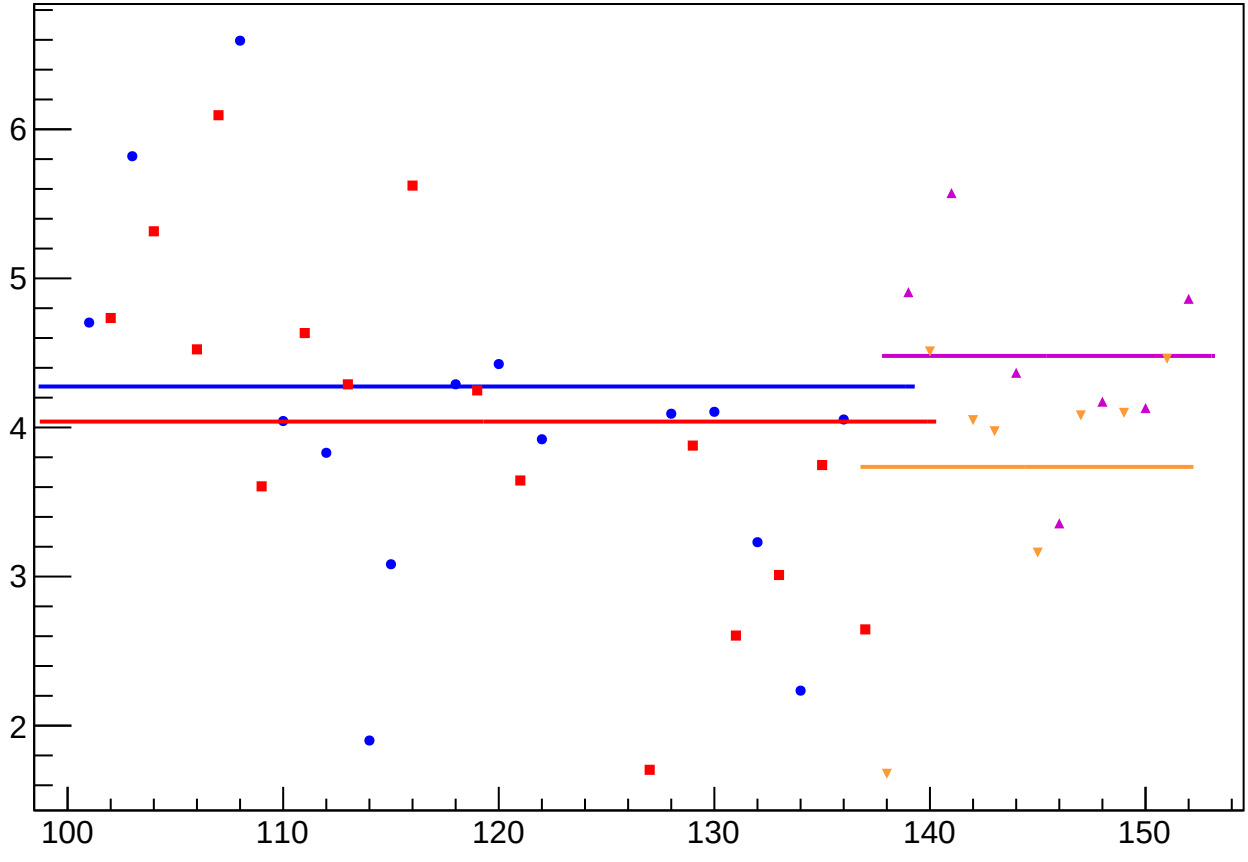
Left In: 1244.218+/-0.000 χ^2/NDF:2639200469334000092654114783037174 5792.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

Left Out: 3.736+/-0.000 χ^2/NDF:4756922695256247779609141512765 44.0/7

Right Out: 4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

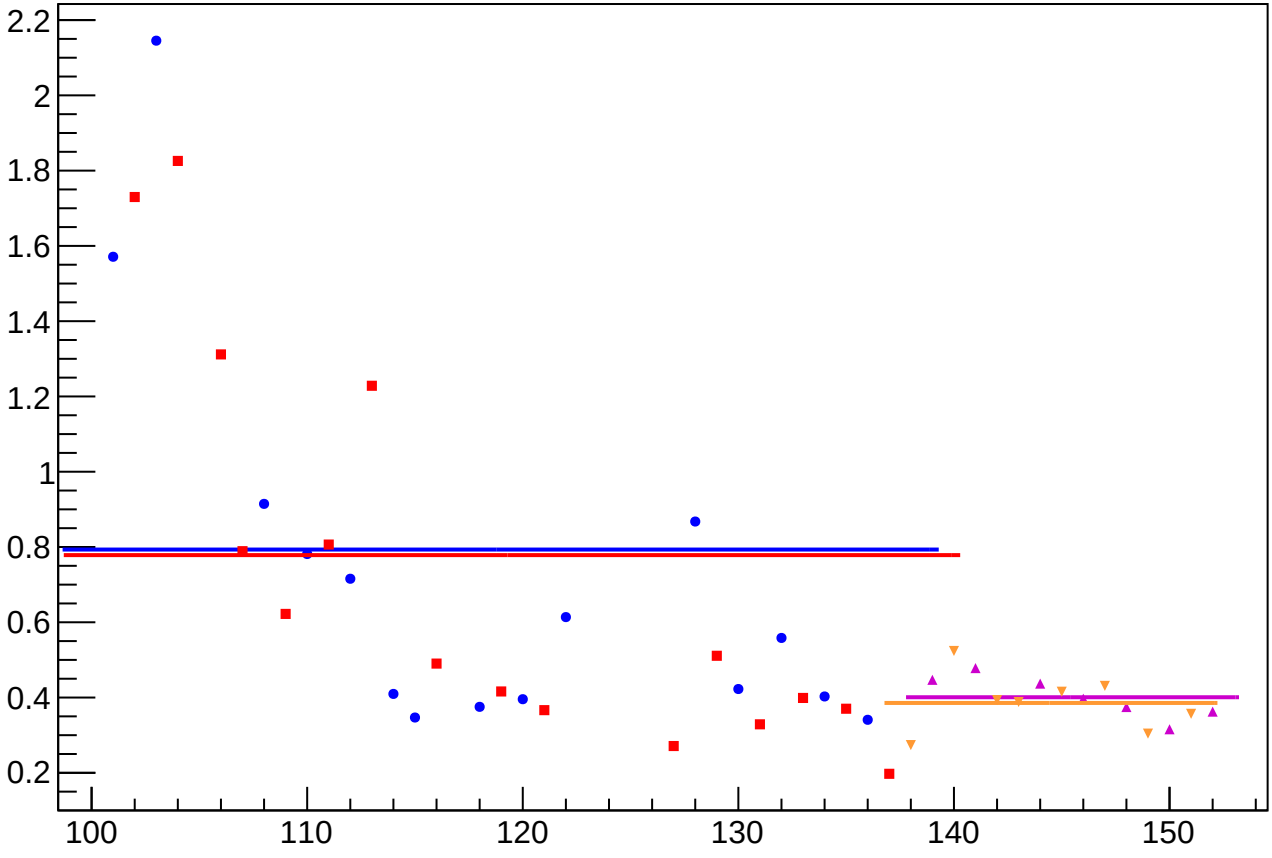
Left In: 4.480+/-0.000 χ^2/NDF:2538805718015019836697240057937 92.0/6

+ sign 4.017+/-0.000 χ^2/NDF: 1162988930249747 8

All: 4.134+/-0.000 χ^2/NDF: 2283891152098 7

- sign 4.248+/-0.000 χ^2/NDF: 1087517578002236 7

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF: 1955087771735894834403147000053 76.0/14

Left Out: 0.386+/-0.000 χ^2/NDF:3399740022382536325663134056448.0/7

Right Out: 0.778+/-0.000 χ^2/NDF: 1858146357721833060639036900638 72.0/15

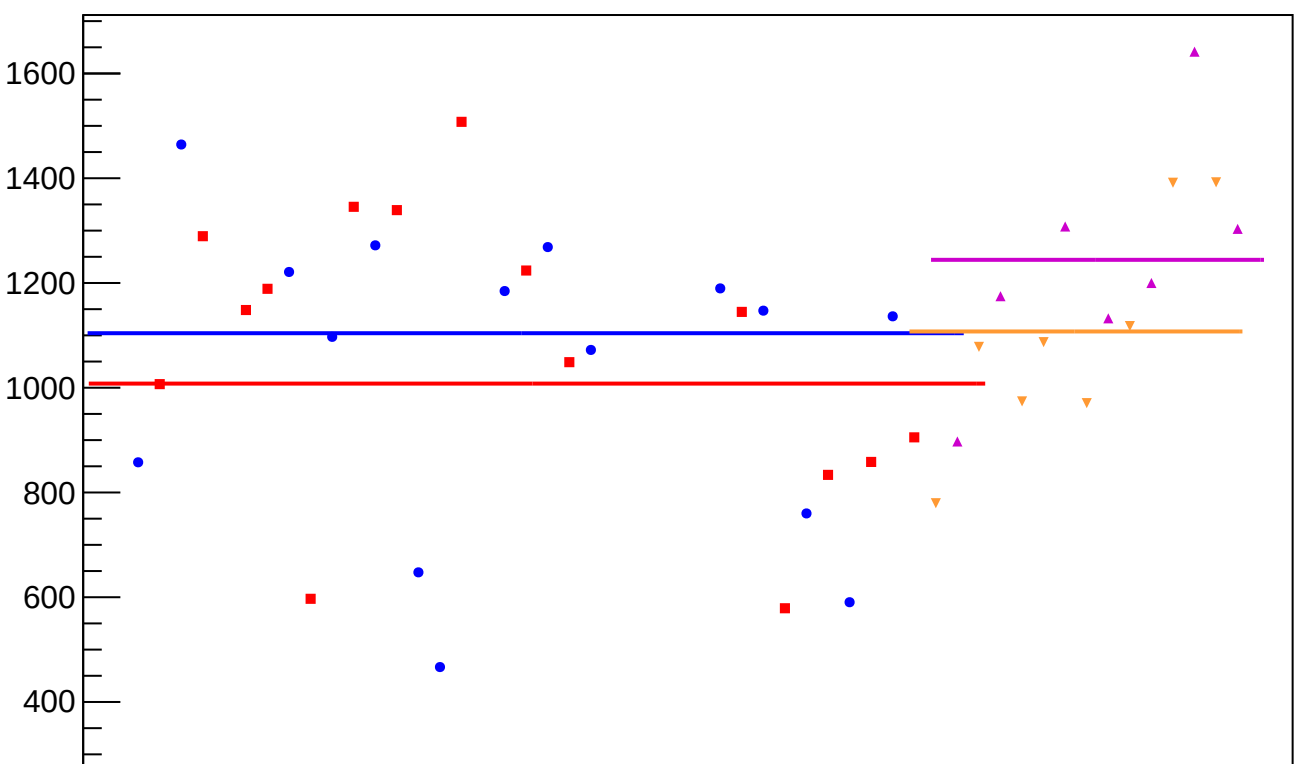
Left In: 0.401+/-0.000 χ^2/NDF:1644406090397348197559668047872.0/6

+ sign 0.599+/-0.000 χ^2/NDF: 2503861648466032 2

All: 0.599+/-0.000 χ^2/NDF: 4828900989571 3

- sign 0.600+/-0.000 χ^2/NDF: 2325033392140119 9

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:2385209121610525631213242115105069 4656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

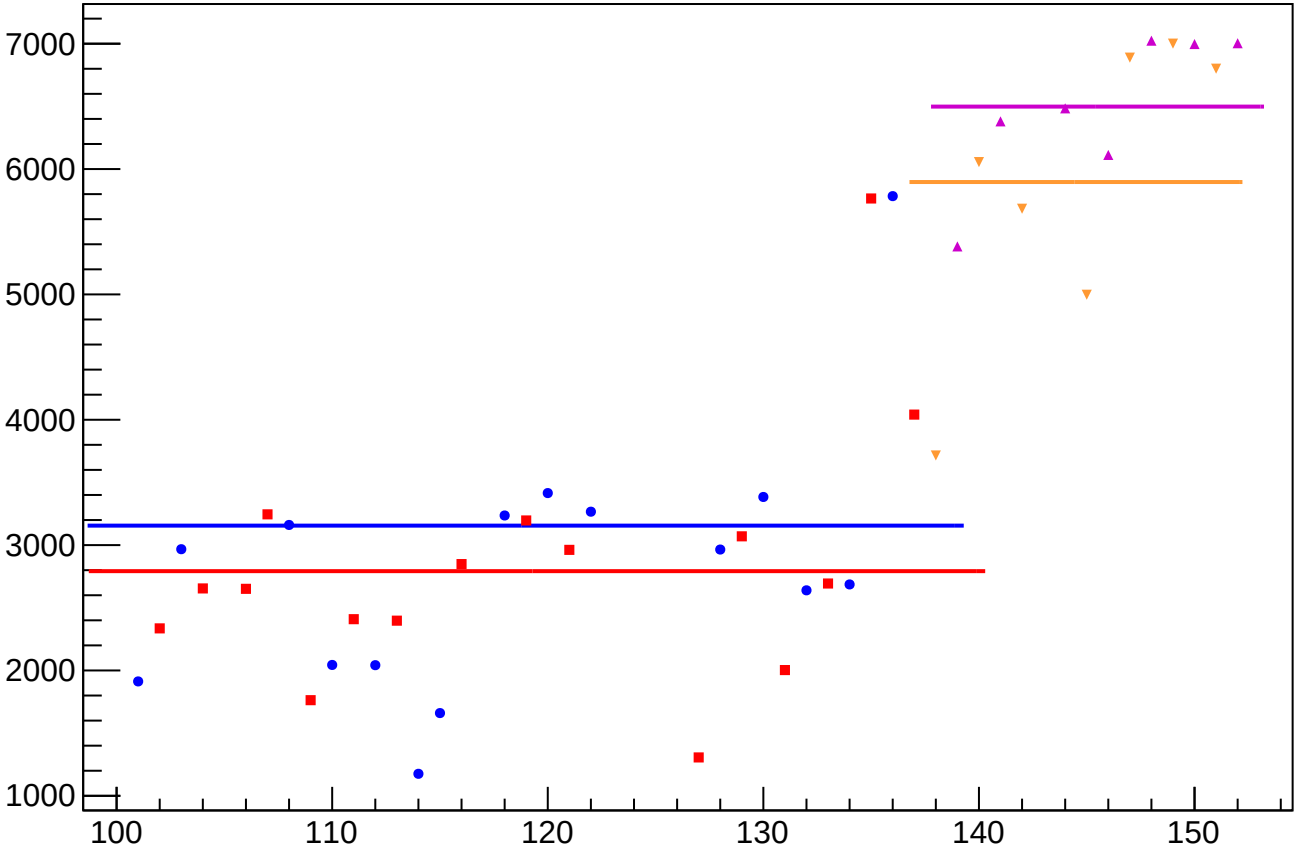
Left In: 1244.218+/-0.000 χ^2/NDF:2639200469334000092654114783037174 5792.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

+ sign 4382.529+/-0.000 χ^2/NDF: 37695237230107

Left Out: 5896.569+/-0.000 χ^2/NDF:6829742074768066034434068363959295016 96.0/6

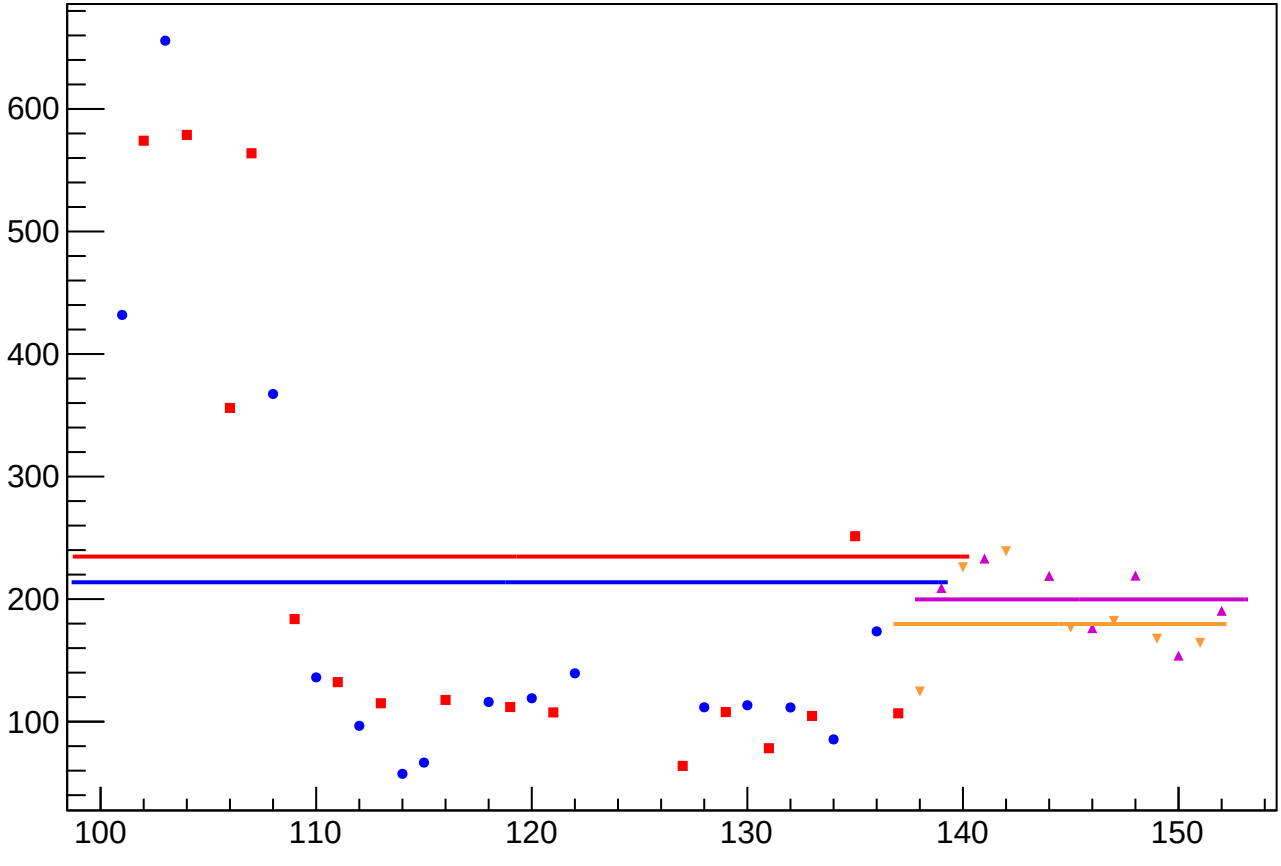
All: 4468.001+/-0.000 χ^2/NDF: 8981408836 2

Right Out: 2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867 17184.0/15

- sign 4547.266+/-0.000 χ^2/NDF: 51953407436087

Left Out: 6498.265+/-0.000 χ^2/NDF:1824418519173337978754790180227676897 28.0/6

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

+ sign 198.473+/-0.000 χ^2/NDF: 206630211344834

Left Out: 179.638+/-0.000 χ^2/NDF:607028240673598925039992001192263680.0/6

All: 208.691+/-0.000 χ^2/NDF: 457081993345

Right Out: 234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

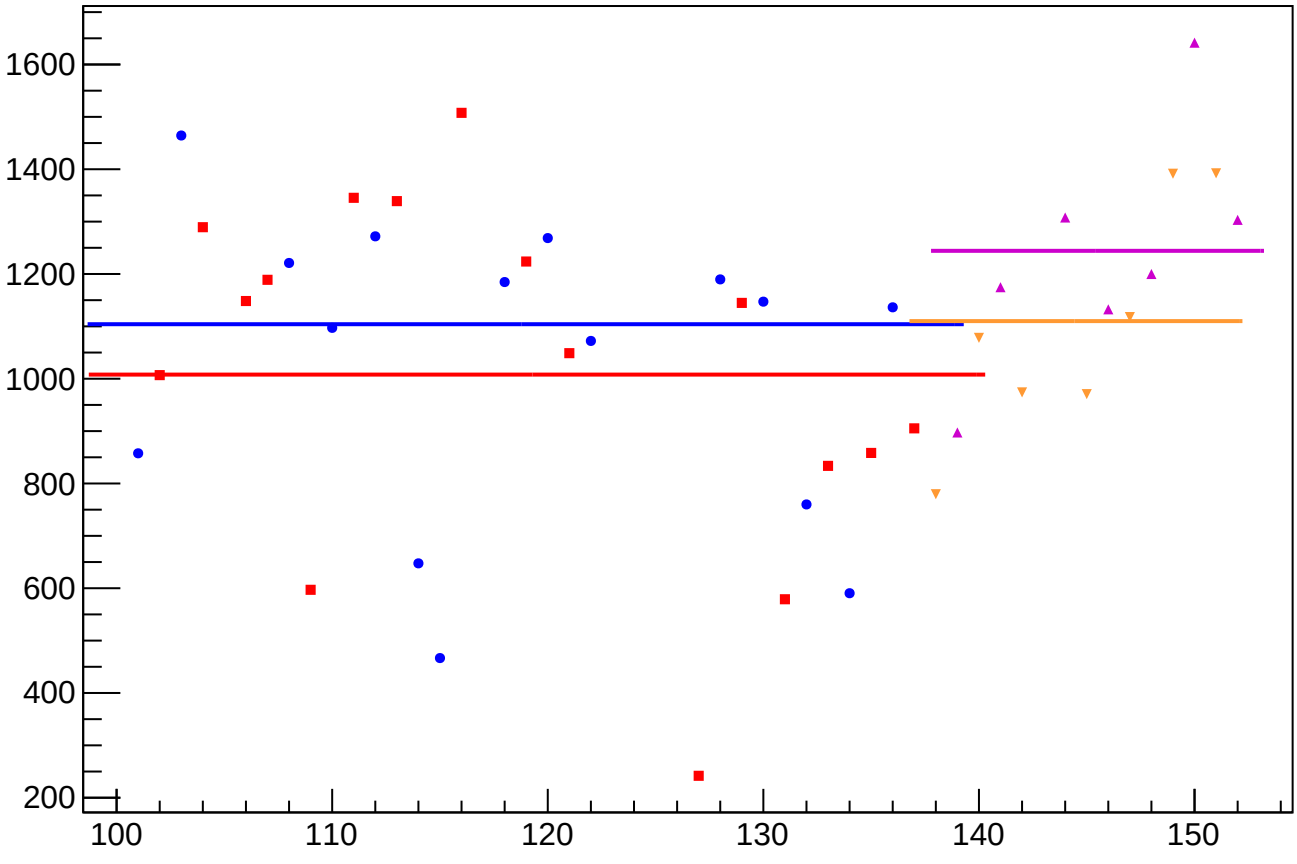
- sign 218.166+/-0.000 χ^2/NDF: 248087547026238

Left Out: 179.638+/-0.000 χ^2/NDF:607028240673598925039992001192263680.0/6

Right Out: 234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

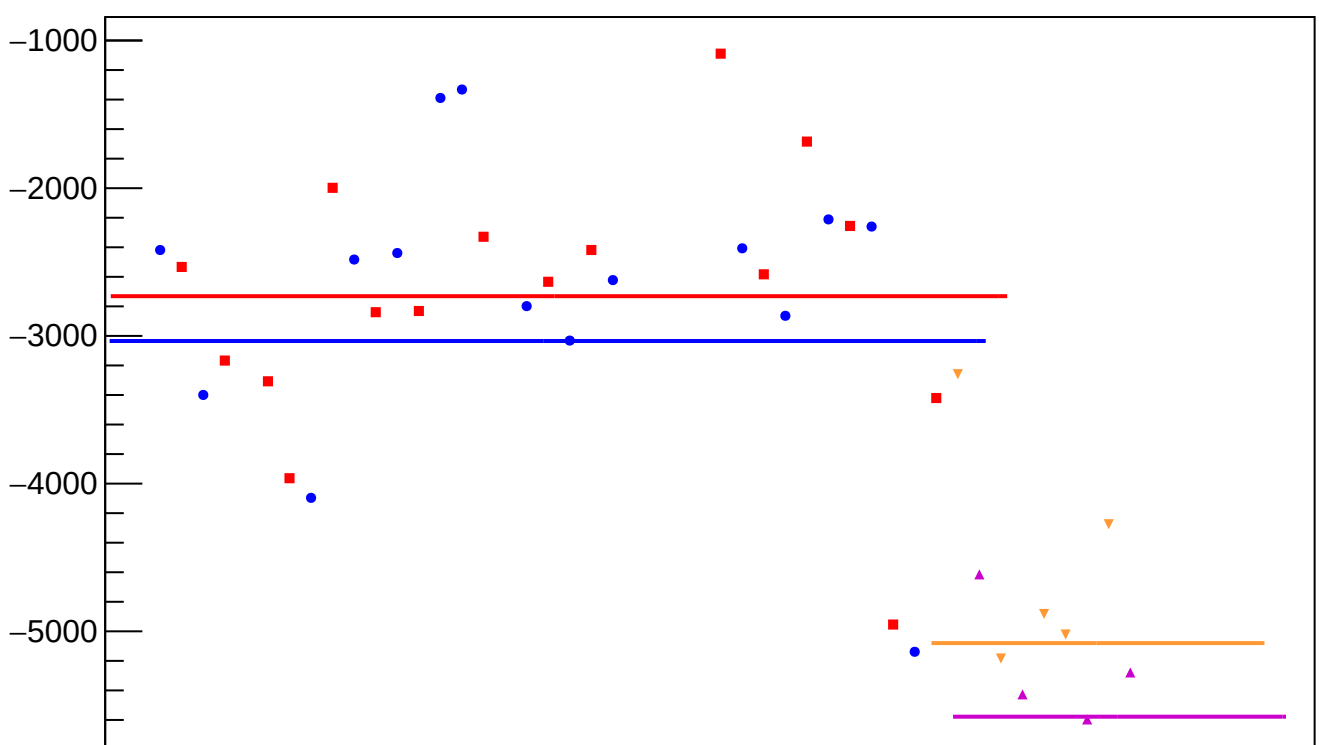
Left In: 199.772+/-0.000 χ^2/NDF:4100134493762399991992869735261798 40.0/6

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1106.764+/-0.000 χ^2/NDF: 5656876001245 0
Left Out: 1110.038+/-0.000 χ^2/NDF:2382071197400996123018626459609595904 0.0/6
All: 1113.535+/-0.000 χ^2/NDF: 1697814951 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15
- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644
Left Out: 1244.218+/-0.000 χ^2/NDF:2639200469334000092654114783037174579 2.0/6

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14

Left Out: -5079.604+/-0.000 χ^2/NDF:5024335882965273228467217463495570227 20.0/7

Right Out: -2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

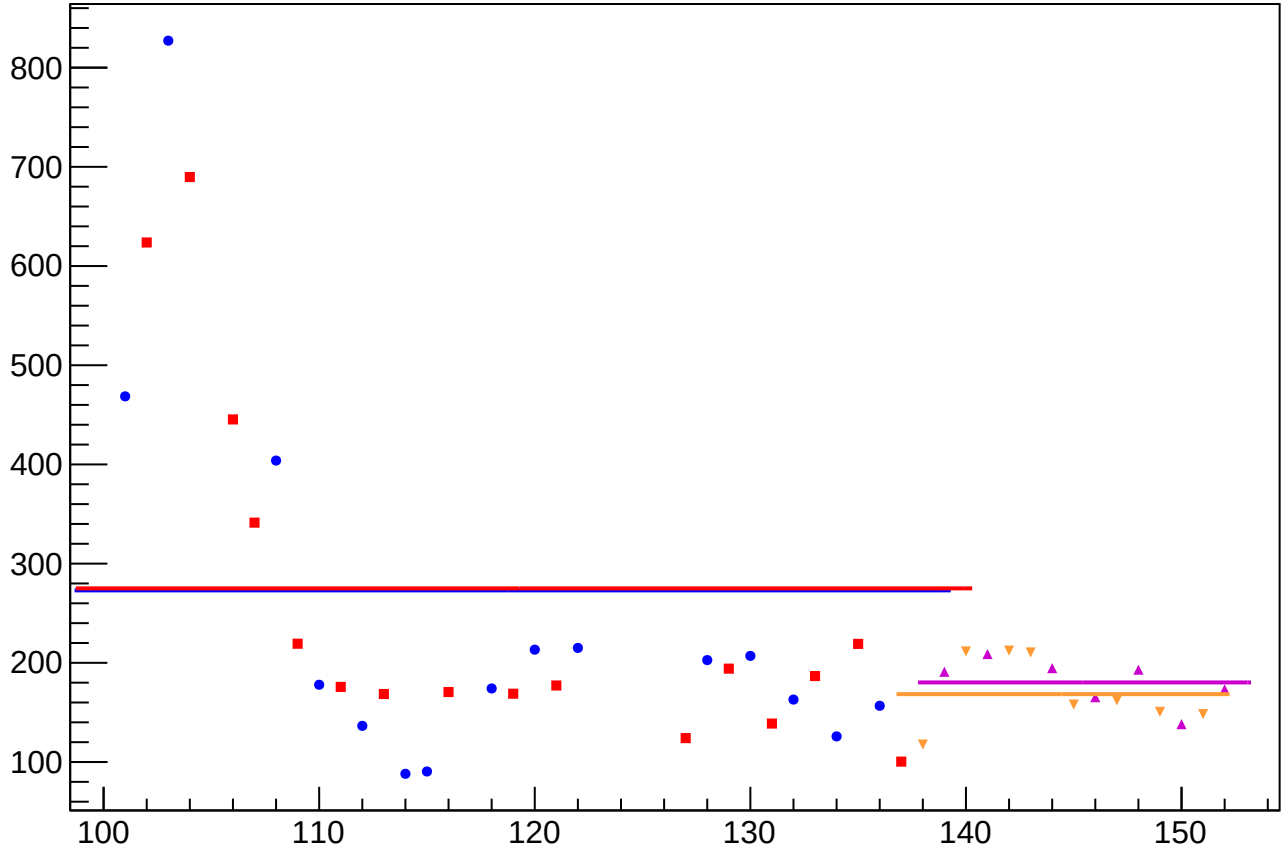
Left In: -5577.924+/-0.000 χ^2/NDF:1346294166962974932373688045113956106 24.0/6

+ sign -4010.961+/-0.000 χ^2/NDF: 2429104717223

All: -4045.424+/-0.000 χ^2/NDF: 5654956055

- sign -4079.206+/-0.000 χ^2/NDF: 3222930247866 4

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 168.428+/-0.000 χ^2/NDF:6308528615938160825690656928295813 12.0/7

Right Out: 275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705 0112.0/15

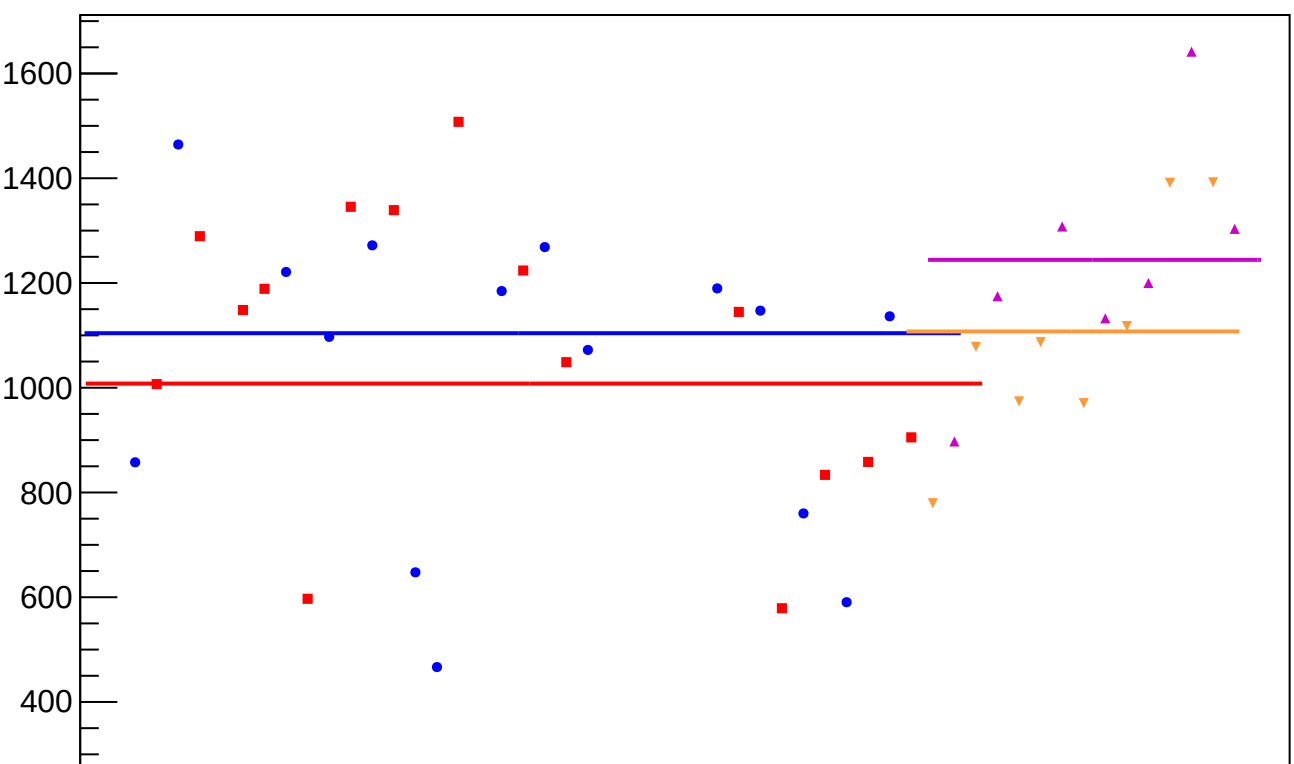
Left In: 180.231+/-0.000 χ^2/NDF:2950834943011638747338462341072158 72.0/6

+ sign 223.092+/-0.000 χ^2/NDF: 30507794960997 2

All: 226.653+/-0.000 χ^2/NDF: 55938278753 8

- sign 230.144+/-0.000 χ^2/NDF: 253992894323916

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:238520912161052563121324211510506946 56.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

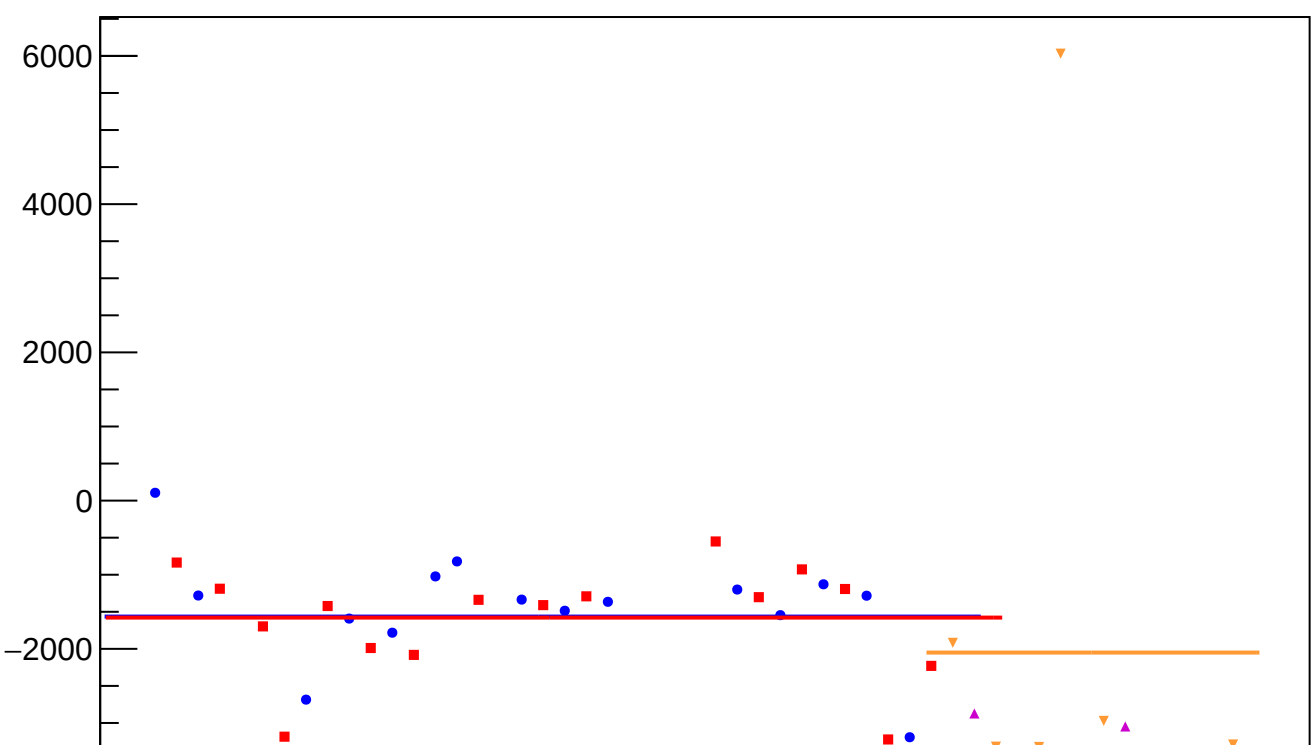
Left In: 1244.218+/-0.000 χ^2/NDF:263920046933400009265411478303717457 92.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

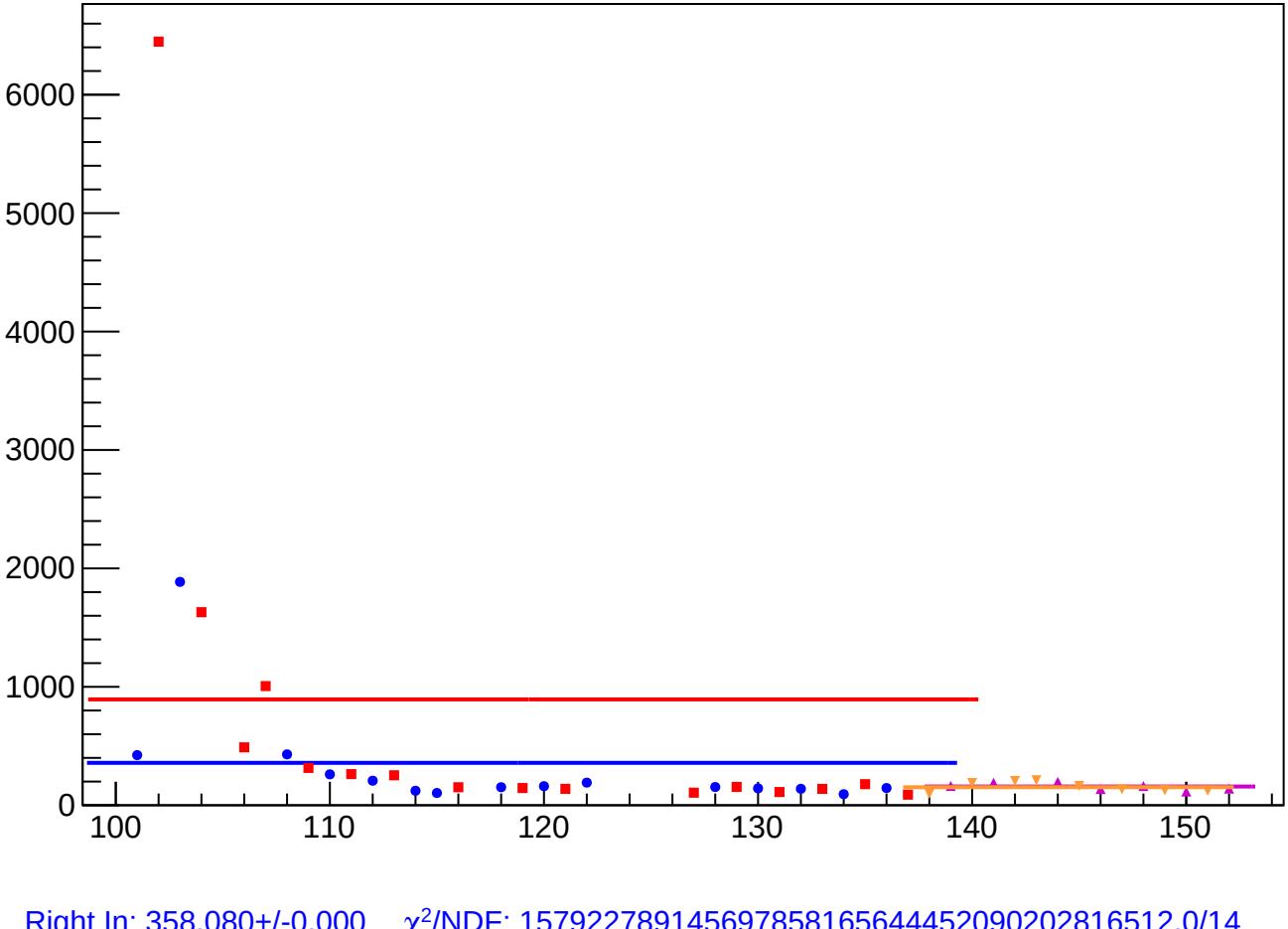
- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_atl1_coil3_mean vs Slug



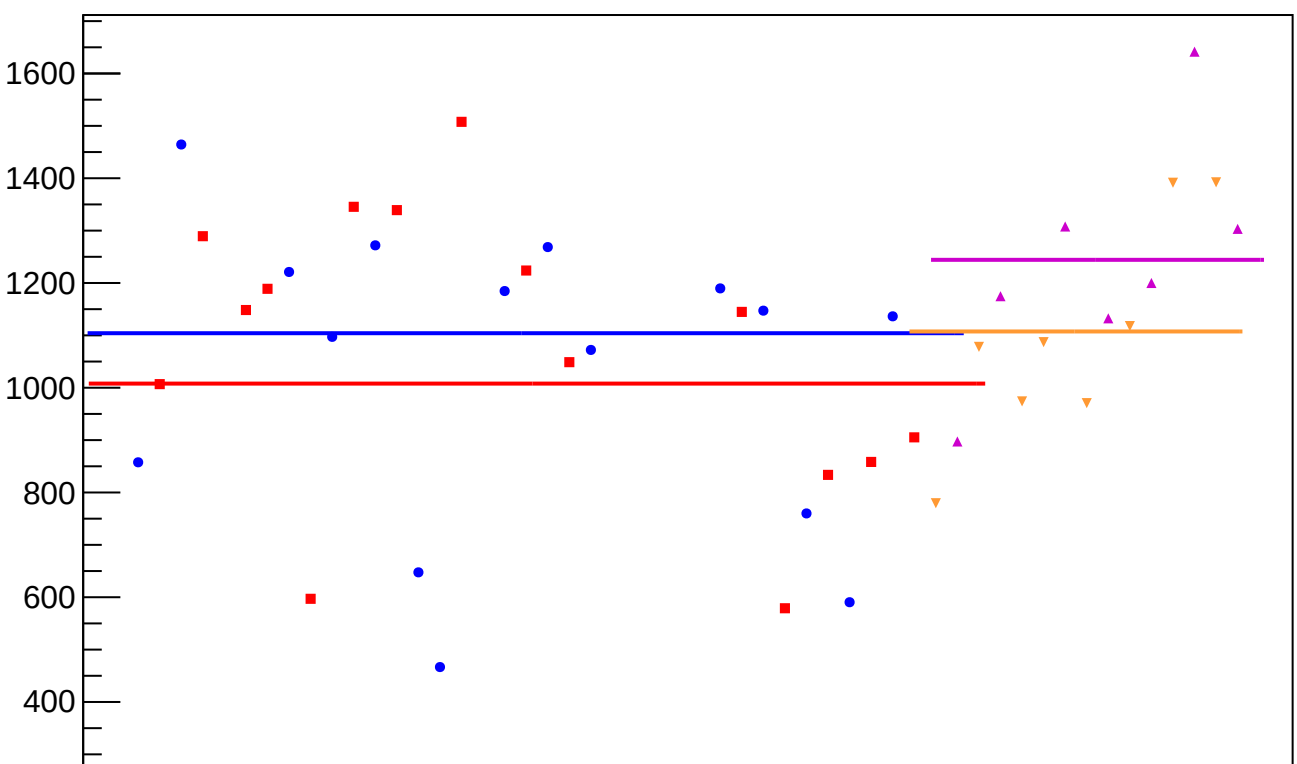
Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14
+ sign -1796.356+/-0.000 χ^2/NDF: 5622190373317
Left Out: -2050.004+/-0.000 χ^2/NDF:5065303737808369173143025786178271969280.0/7
All: -2114.457+/-0.000 χ^2/NDF: 7306500073
Right Out: -1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
- sign -2426.282+/-0.000 χ^2/NDF: 1435438038550 5
Left Out: -3369.090+/-0.000 χ^2/NDF:5389525441005432168785482016238862 3360.0/6

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
+ sign 259.874+/-0.000 χ^2/NDF: 171889610342800
Left Out: 152.394+/-0.000 χ^2/NDF:8572617022159986988749142675559546 88.0/7
All: 404.103+/-0.000 χ^2/NDF: 24704055942
Right Out: 893.897+/-0.000 χ^2/NDF: 2075920155774201043572695656797803905024.0/15
- sign 545.486+/-0.000 χ^2/NDF: 224735352442281
Left In: 158.170+/-0.000 χ^2/NDF:4578160927569463834338594503094435 84.0/6

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:2385209121610525631213242115105069 4656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

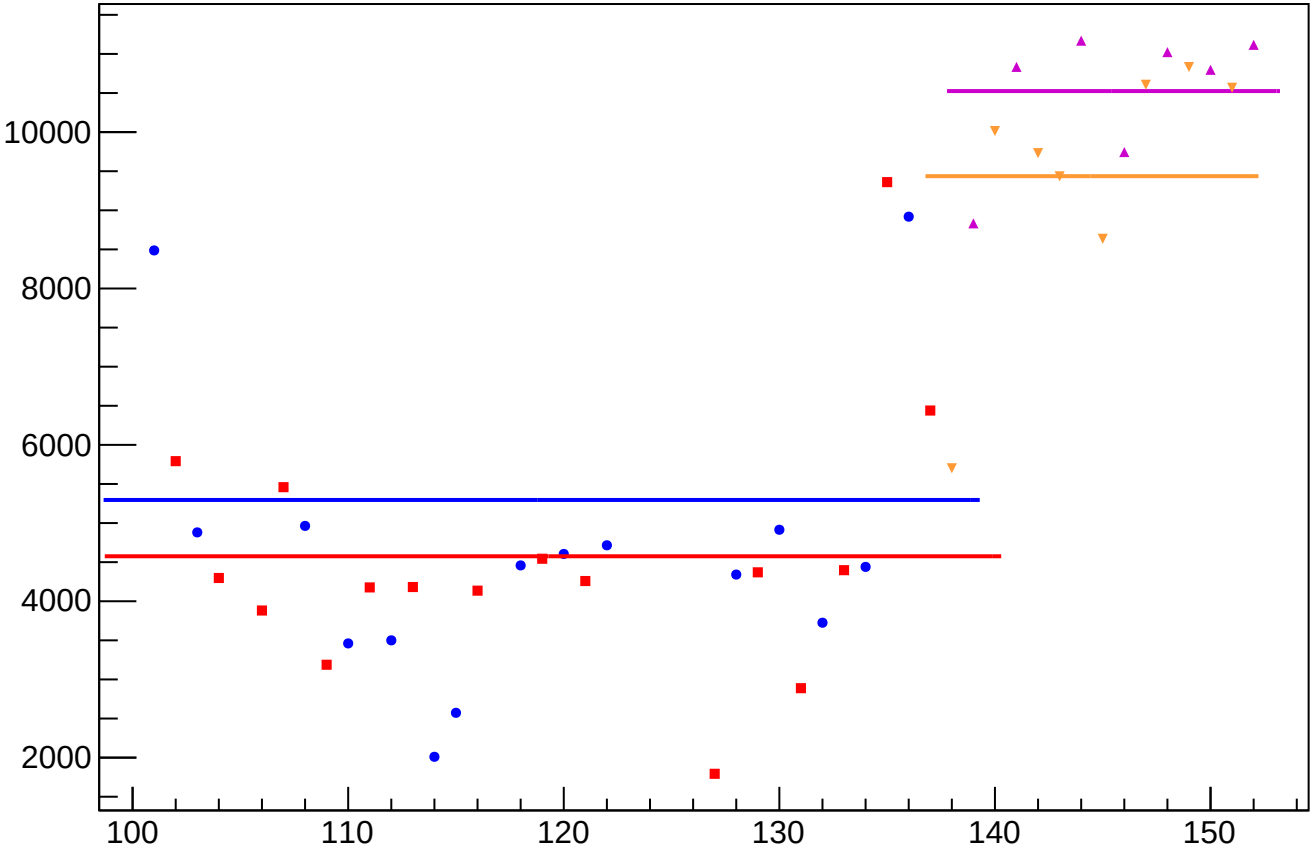
Left In: 1244.218+/-0.000 χ^2/NDF:2639200469334000092654114783037174 5792.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Left Out: 9436.488+/-0.000 χ^2/NDF:154066312087780311333121583236518825164 8.0/7

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

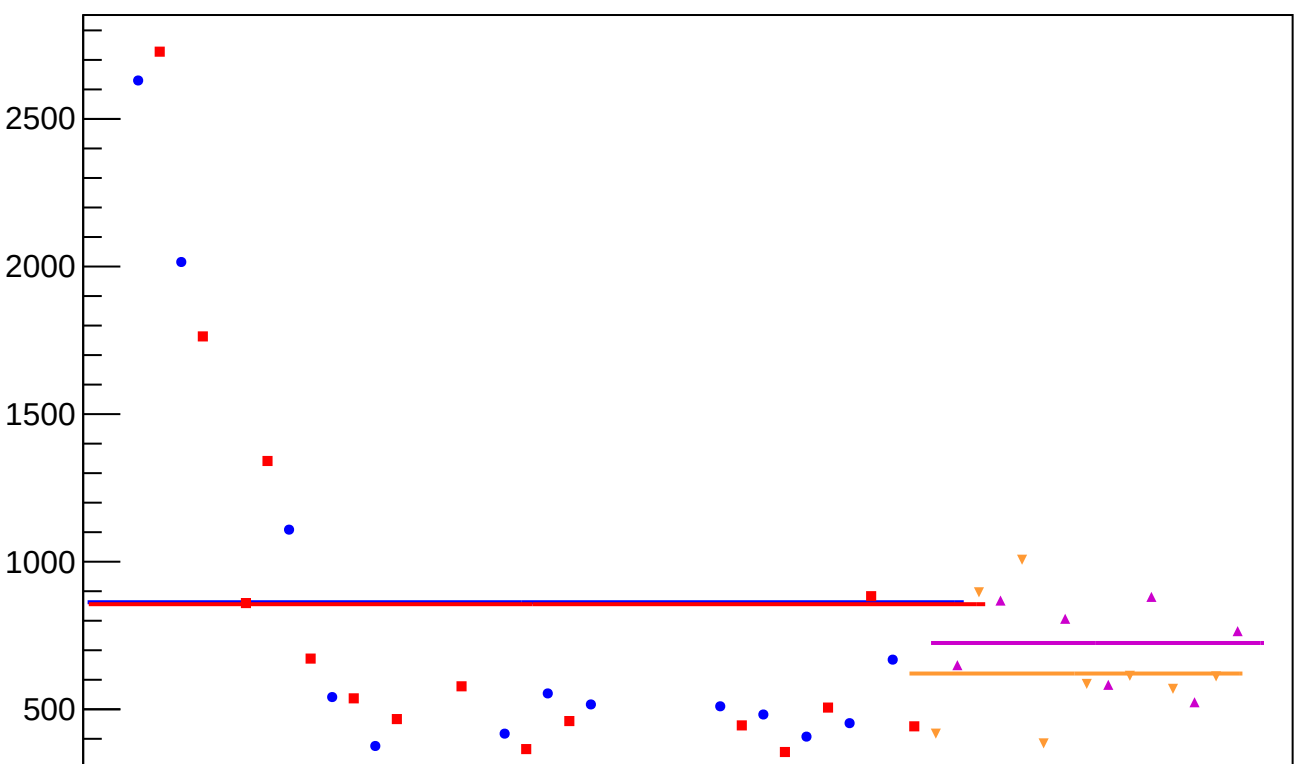
Left In: 10525.063+/-0.000 χ^2/NDF:385459350295087065276699399206616432640.0/6

+ sign 7272.631+/-0.000 χ^2/NDF: 9359907929076 6

All: 7333.340+/-0.000 χ^2/NDF: 2279935917 6

- sign 7392.852+/-0.000 χ^2/NDF: 1343038643090 8

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14

+ sign 747.355+/-0.000 χ^2/NDF: 37613518430437 9

Left Out: 621.136+/-0.000 χ^2/NDF:2037188652012555581320342974040427 7248.0/7

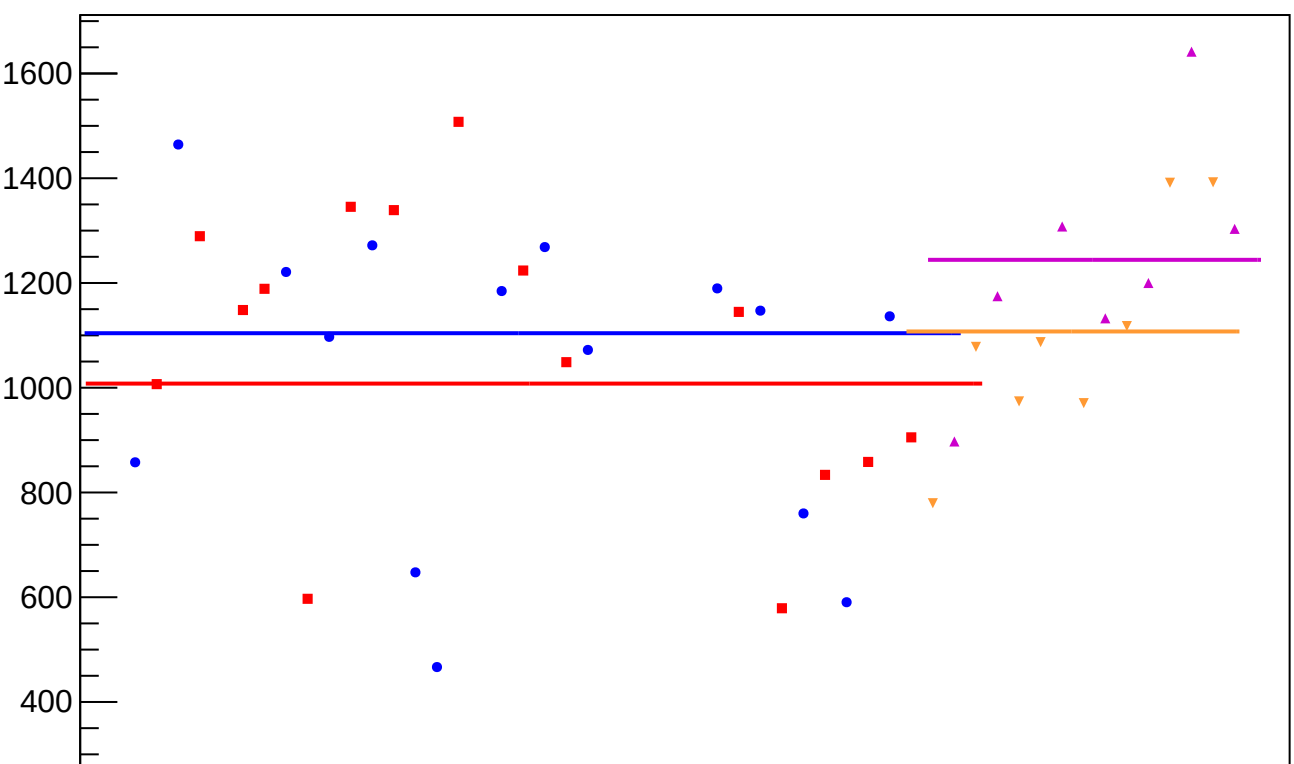
All: 770.822+/-0.000 χ^2/NDF: 7204762392 72

Right Out: 856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15

- sign 793.826+/-0.000 χ^2/NDF: 3429866088488 13

Left In: 724.643+/-0.000 χ^2/NDF:1033640211967644918093103592359591936 0.0/6

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:238520912161052563121324211510506946 56.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

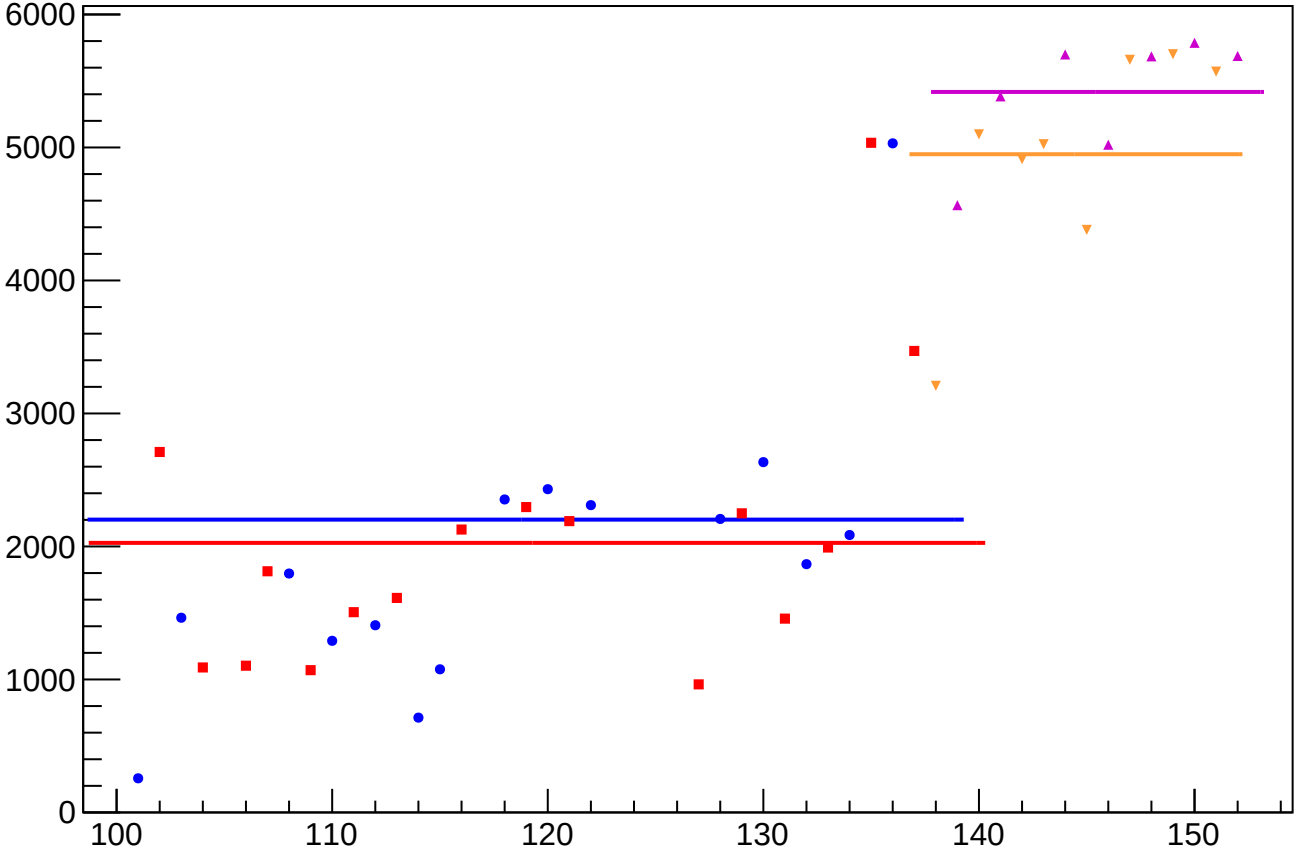
Left In: 1244.218+/-0.000 χ^2/NDF:263920046933400009265411478303717457 92.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

Left Out: 4949.203+/-0.000 χ^2/NDF:381522288113617852896322759807679332352.0/7

Right Out: 2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

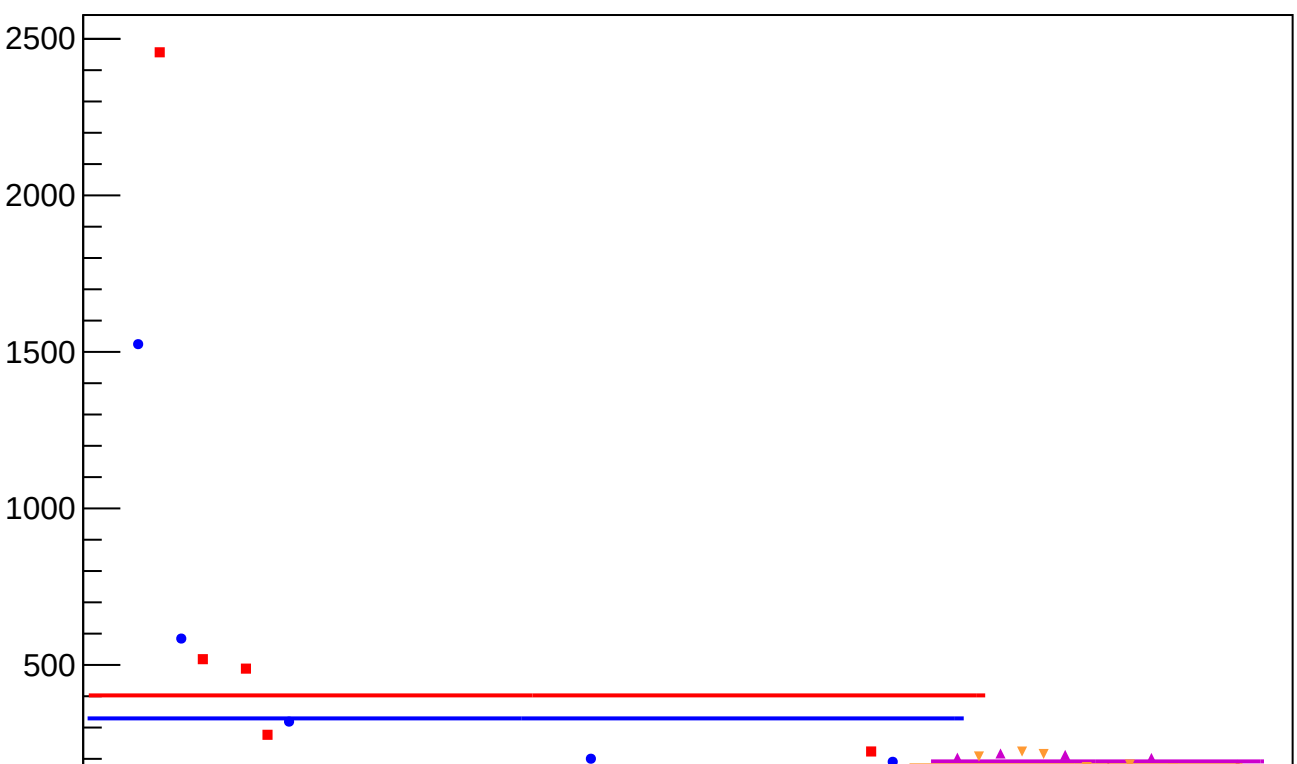
Left In: 5417.472+/-0.000 χ^2/NDF:1037584779249922138890087645635768483 84.0/6

+ sign 3513.586+/-0.000 χ^2/NDF: 3806950850295 7

All: 3573.673+/-0.000 χ^2/NDF: 8259235387 3

- sign 3632.574+/-0.000 χ^2/NDF: 4443404699002 5

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Left Out: 179.271+/-0.000 χ^2/NDF:5207776874490716327501770774114467 84.0/7

Right Out: 402.690+/-0.000 χ^2/NDF: 2776360567932933742421160535150034944 00.0/15

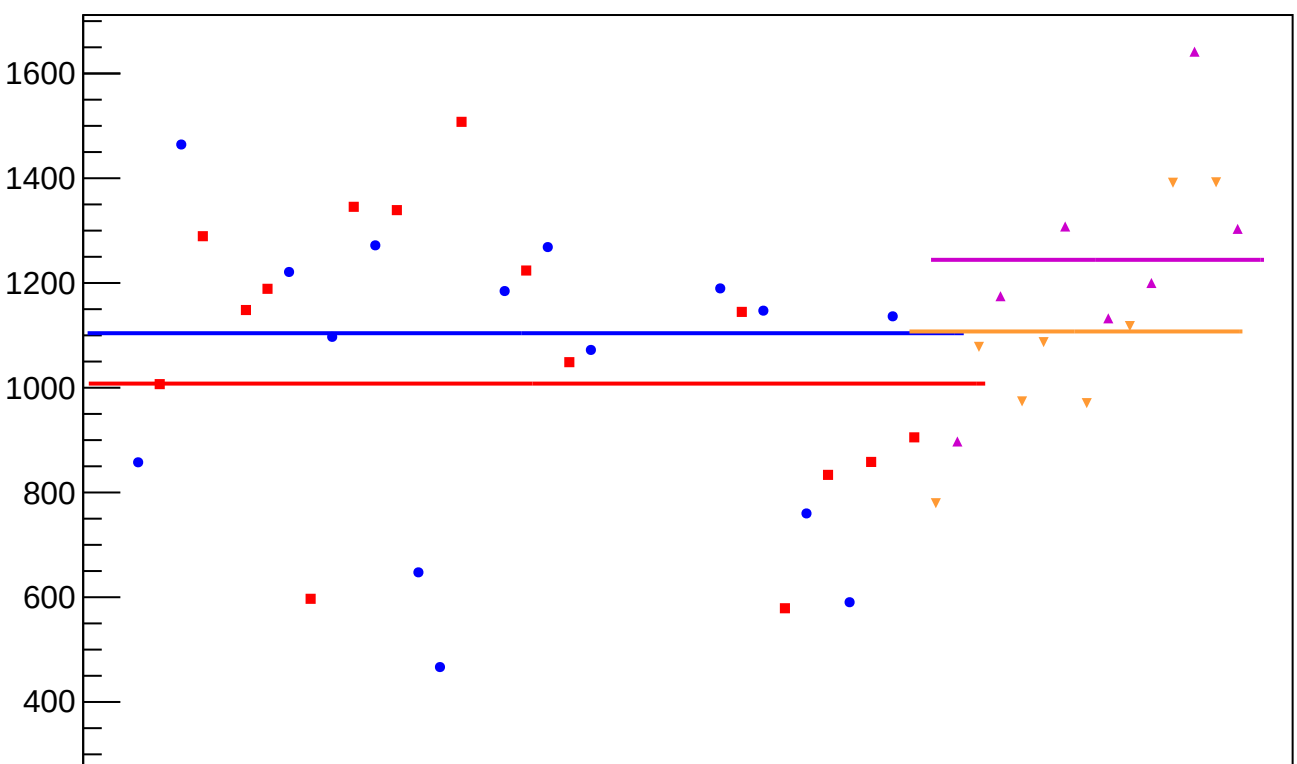
Left In: 191.858+/-0.000 χ^2/NDF:2902021390176921124526794032315105 28.0/6

+ sign 257.631+/-0.000 χ^2/NDF: 11077400146926 9

All: 280.465+/-0.000 χ^2/NDF: 4040228418 22

- sign 302.849+/-0.000 χ^2/NDF: 2919664525274 02

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:23852091216105256312132421151050694656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

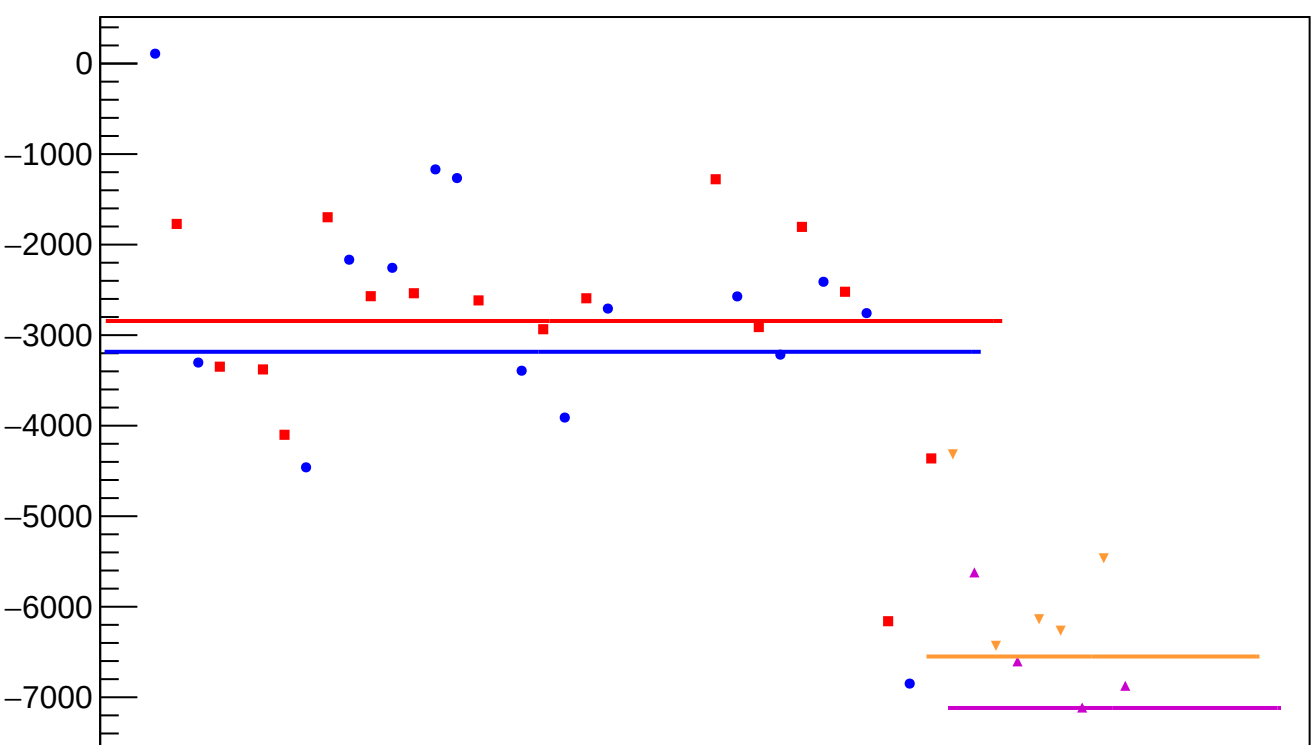
Left In: 1244.218+/-0.000 χ^2/NDF:2639200469334000092654114783037174 5792.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

+ sign -4791.026+/-0.000 χ^2/NDF: 6549845810776

Left Out: -6549.891+/-0.000 χ^2/NDF:904200301376634338610021618565320278016.0/7

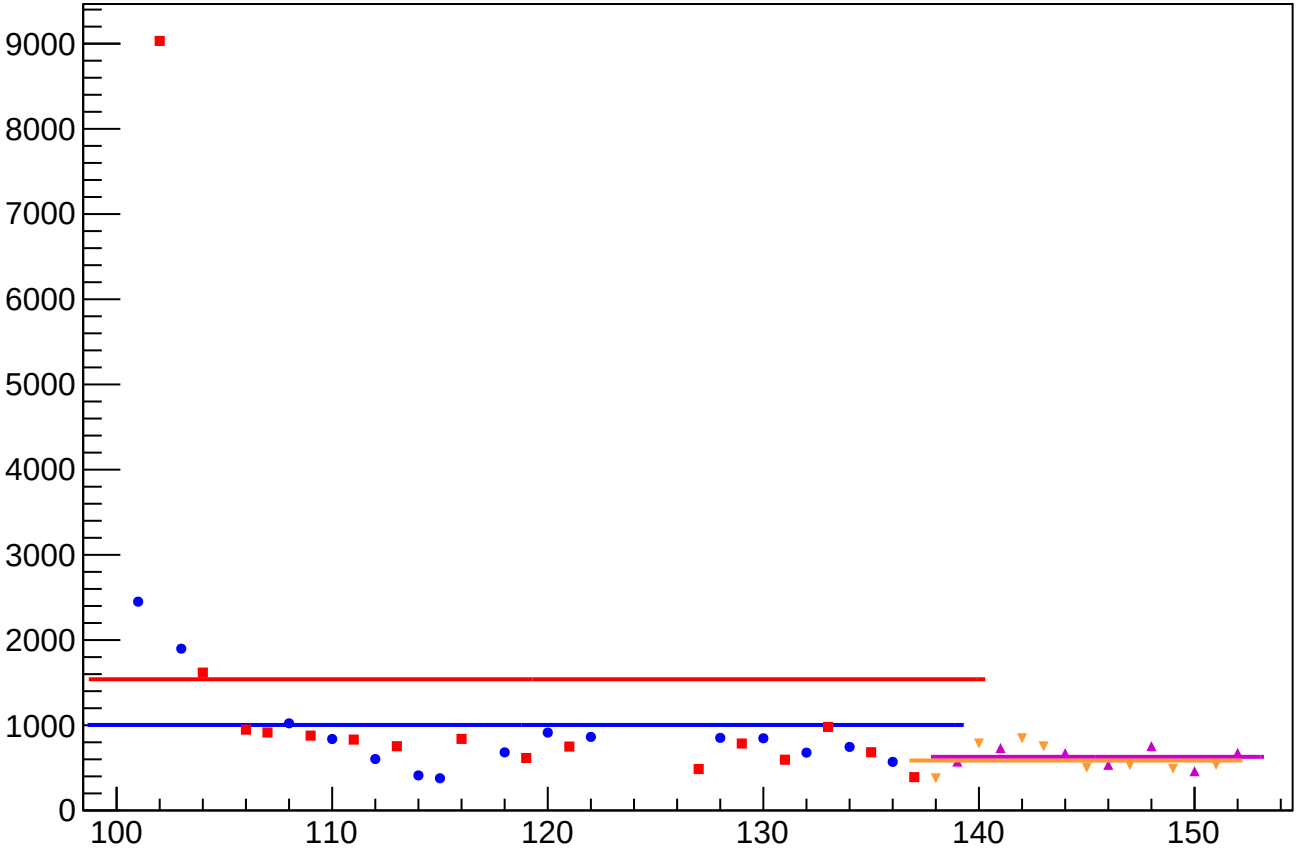
All: -4829.848+/-0.000 χ^2/NDF: 1361597463

Right Out: -2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

- sign -4867.904+/-0.000 χ^2/NDF: 7062421998946 0

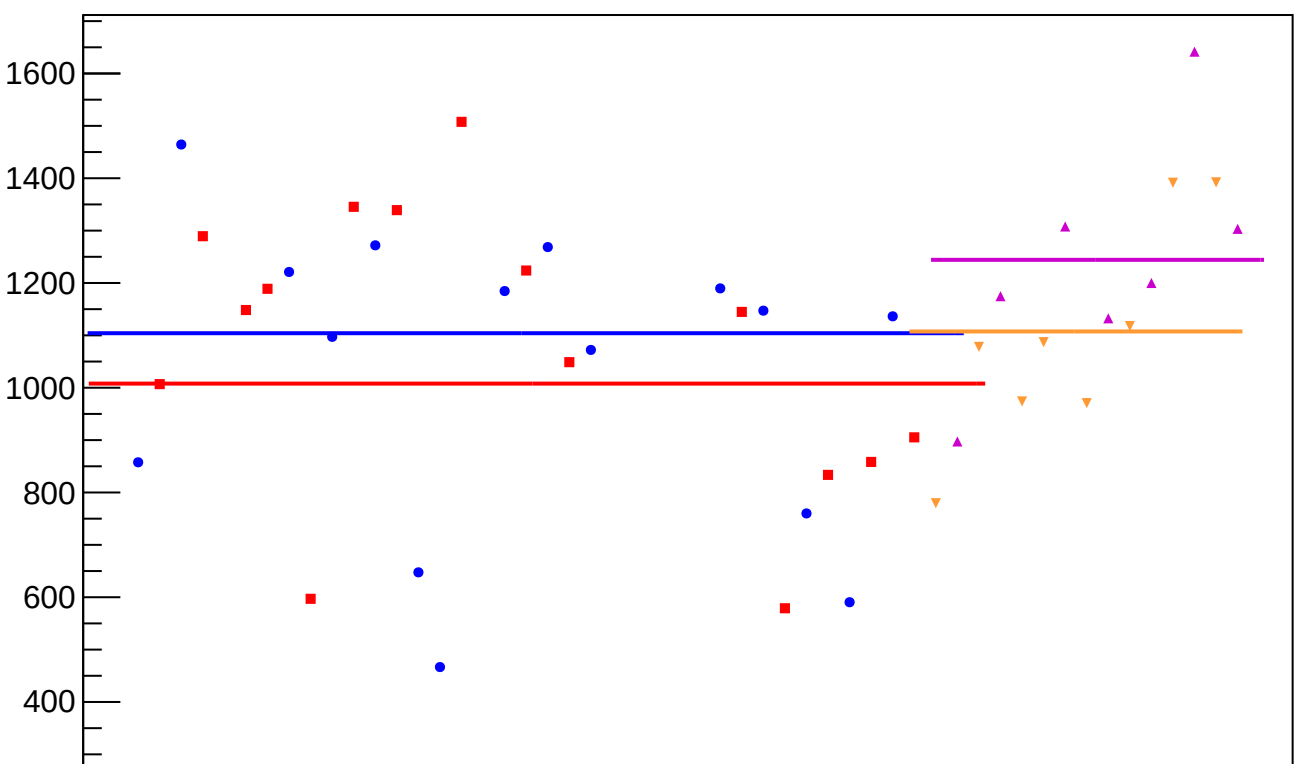
Left In: -7118.260+/-0.000 χ^2/NDF:3436384724691244057761324091790411694 08.0/6

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14
+ sign 804.187+/-0.000 χ^2/NDF: 287220062900014
Left Out: 586.154+/-0.000 χ^2/NDF:1345677803925879967199119021747627622 4.0/7
All: 957.818+/-0.000 χ^2/NDF: 422806442158
Right Out: 1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15
- sign 1108.418+/-0.000 χ^2/NDF: 38827941132623
Left In: 629.123+/-0.000 χ^2/NDF:6196570237293645777860811194508509184.0/6

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

Left Out: 1107.442+/-0.000 χ^2/NDF:2385209121610525631213242115105069 4656.0/7

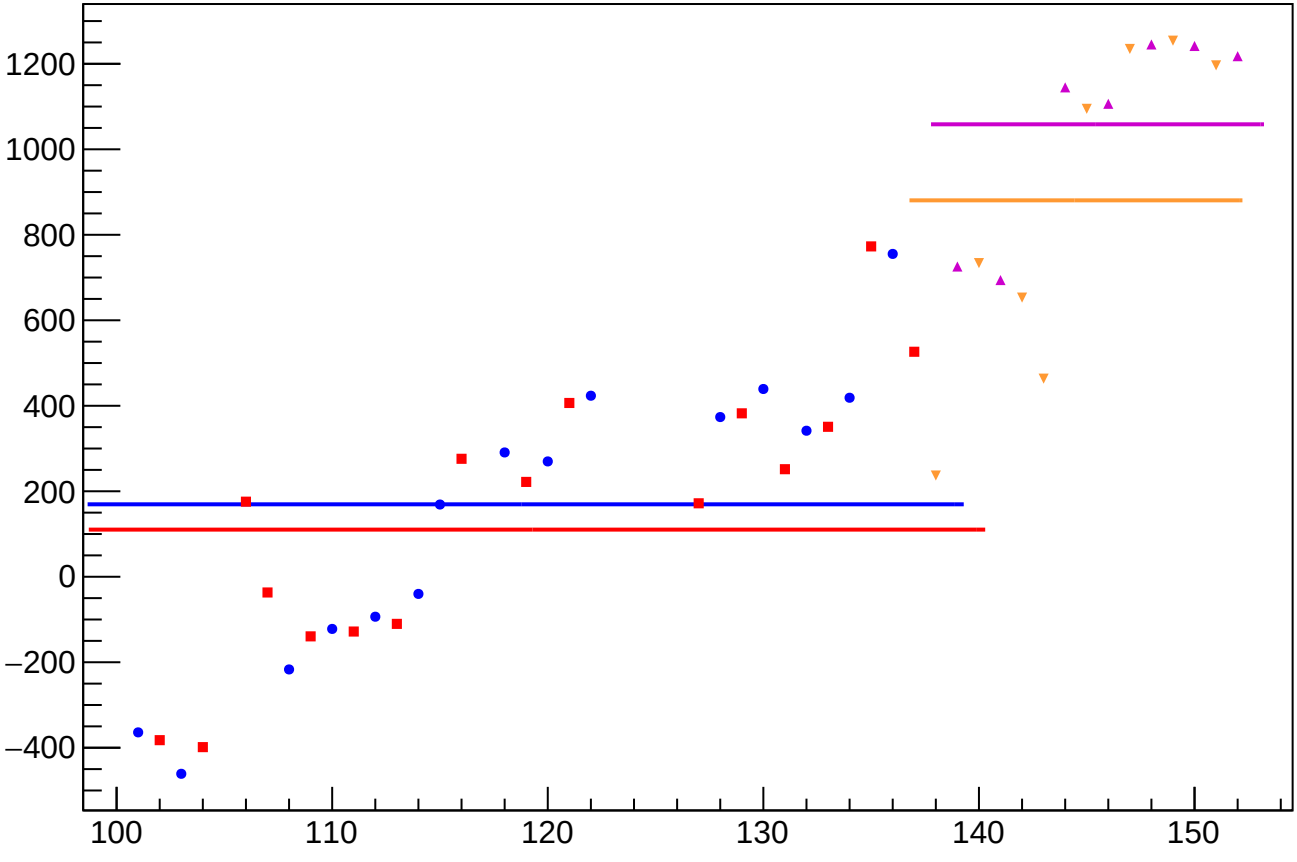
All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

Left In: 1244.218+/-0.000 χ^2/NDF:2639200469334000092654114783037174 5792.0/6

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Left Out: 880.590+/-0.000 χ^2/NDF:810314208389304722115750796336216145 92.0/7

Right Out: 110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

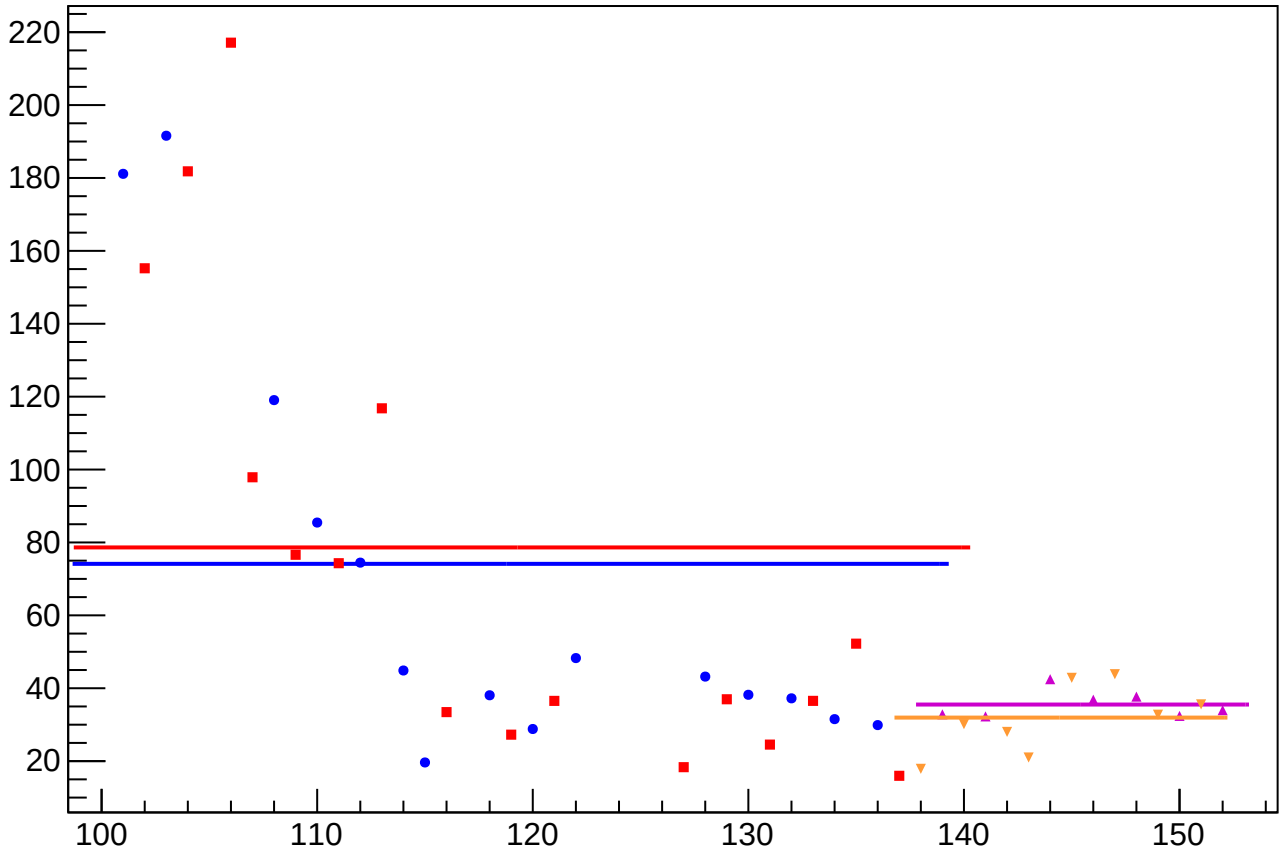
Left In: 1058.480+/-0.000 χ^2/NDF:293043244708533024169293202800634757 12.0/6

+ sign 509.008+/-0.000 χ^2/NDF: 33315691723871 8

All: 534.412+/-0.000 χ^2/NDF: 71980207283 6

- sign 559.314+/-0.000 χ^2/NDF: 385057976931178

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

+ sign 53.989+/-0.000 χ^2/NDF: 2765897467466265

Left Out: 31.947+/-0.000 χ^2/NDF:4618012335397197059722869241754419 2.0/7

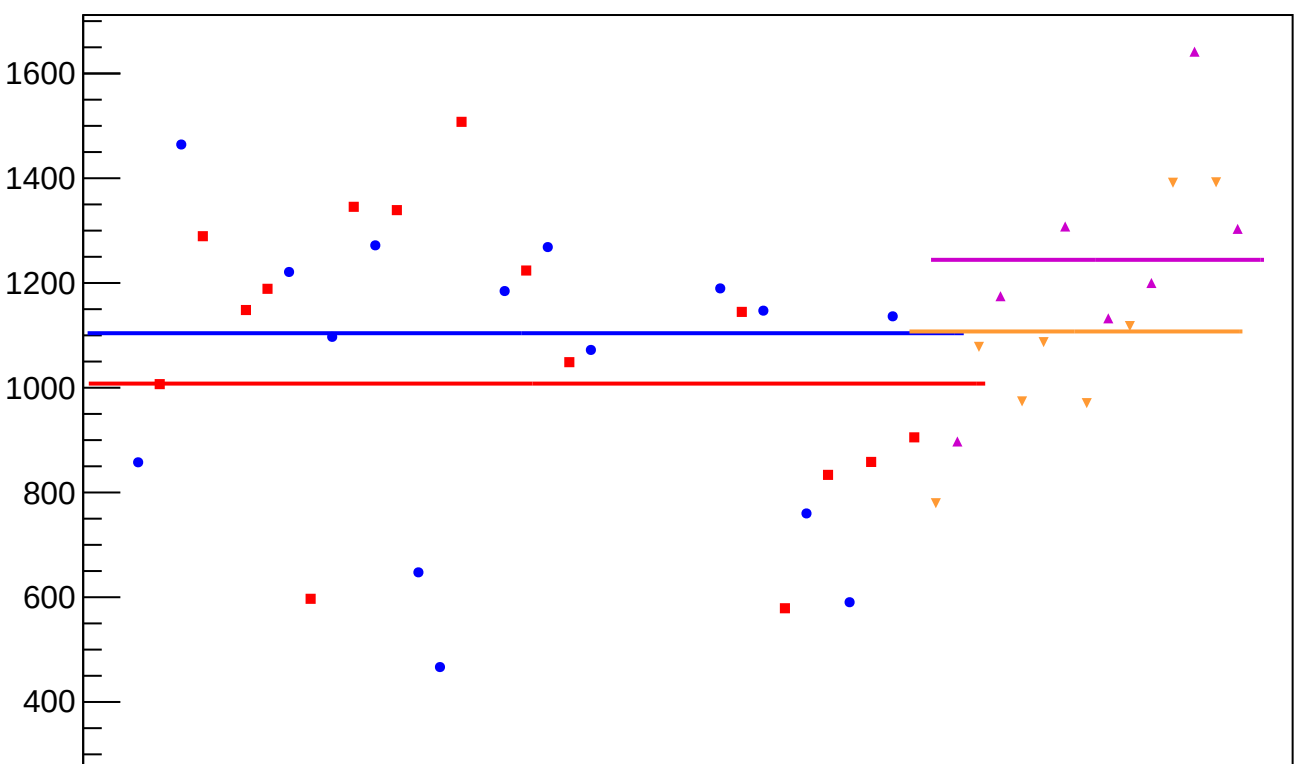
All: 56.126+/-0.000 χ^2/NDF: 5714680375383

Right Out: 78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

- sign 58.220+/-0.000 χ^2/NDF: 2937555141941890

Left In: 35.528+/-0.000 χ^2/NDF:7428616535669189964868955376975872.0/6

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:238520912161052563121324211510506946 56.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

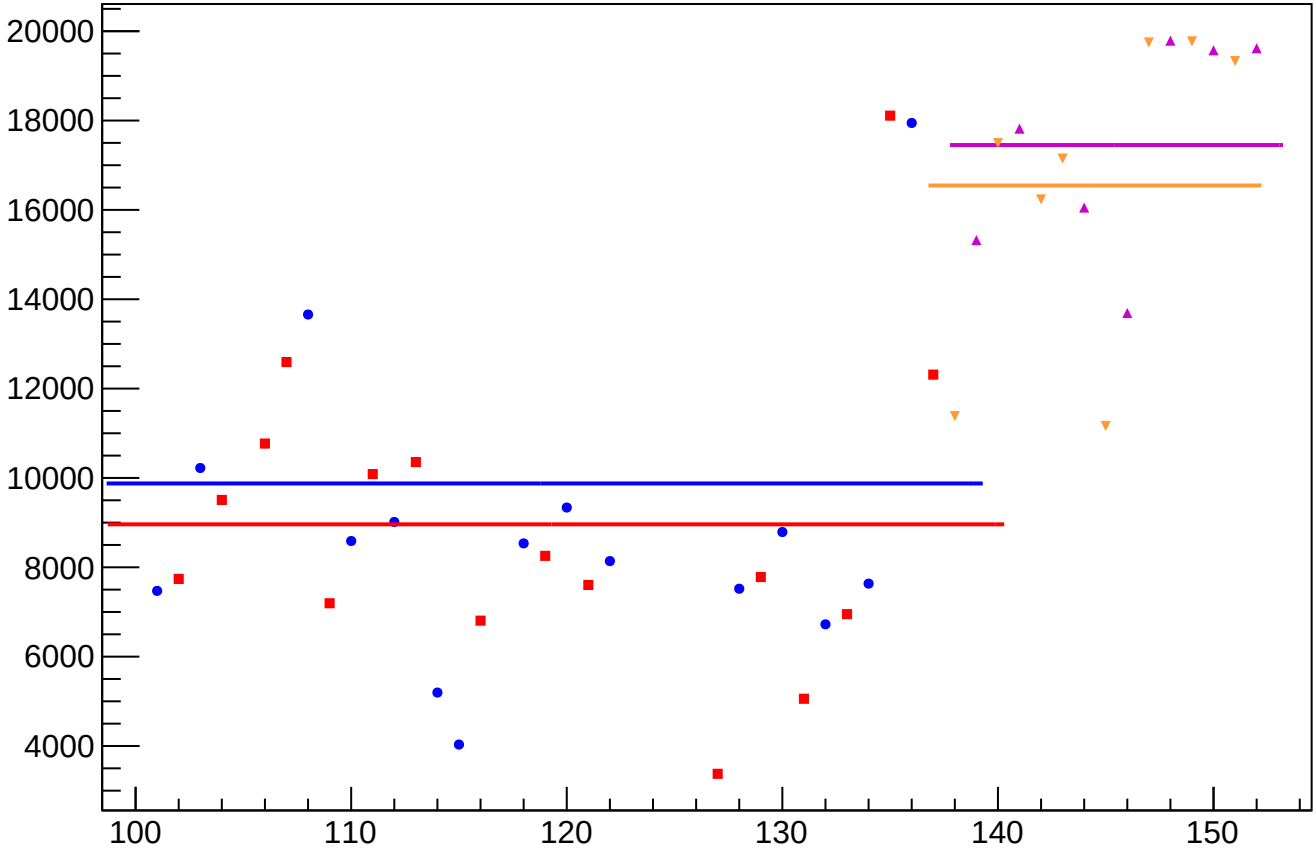
Left In: 1244.218+/-0.000 χ^2/NDF:263920046933400009265411478303717457 92.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Left Out: 16546.432+/-0.000 χ^2/NDF:6801850258023609923514154765894773899264.0/7

Right Out: 8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

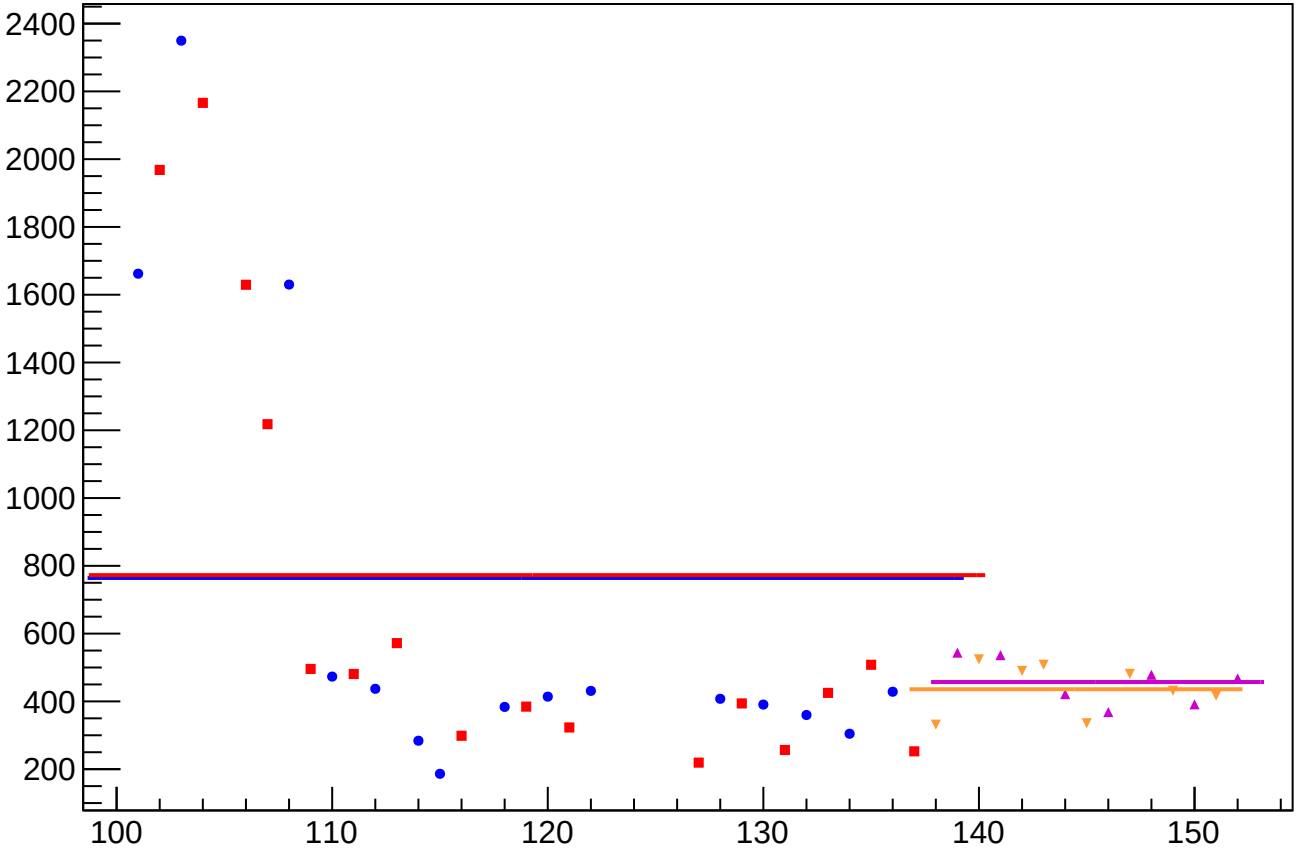
Left In: 17452.046+/-0.000 χ^2/NDF:3001853096225712386364243290083033088000.0/6

+ sign 13061.113+/-0.000 χ^2/NDF: 2907052423321

All: 13021.328+/-0.000 χ^2/NDF: 624299595

- sign 12982.328+/-0.000 χ^2/NDF: 3335554233707

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14

+ sign 607.464+/-0.000 χ^2/NDF: 327370147710805

Left Out: 435.835+/-0.000 χ^2/NDF:297712184436276527214098927261948313 6.0/7

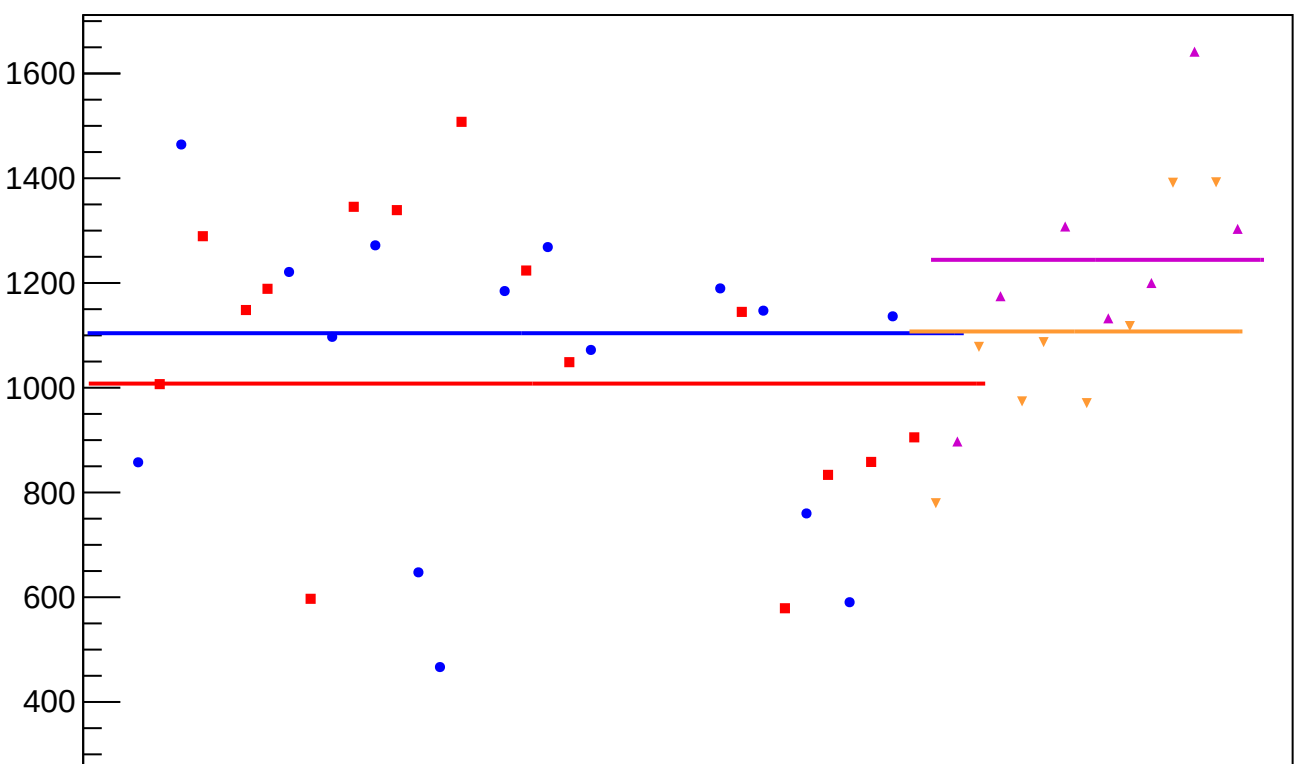
All: 615.400+/-0.000 χ^2/NDF: 64720459900

Right Out: 772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15

- sign 623.178+/-0.000 χ^2/NDF: 319679579462761

Left In: 457.129+/-0.000 χ^2/NDF:235257605745401053556117193704970649 6.0/6

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:238520912161052563121324211510506946 56.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

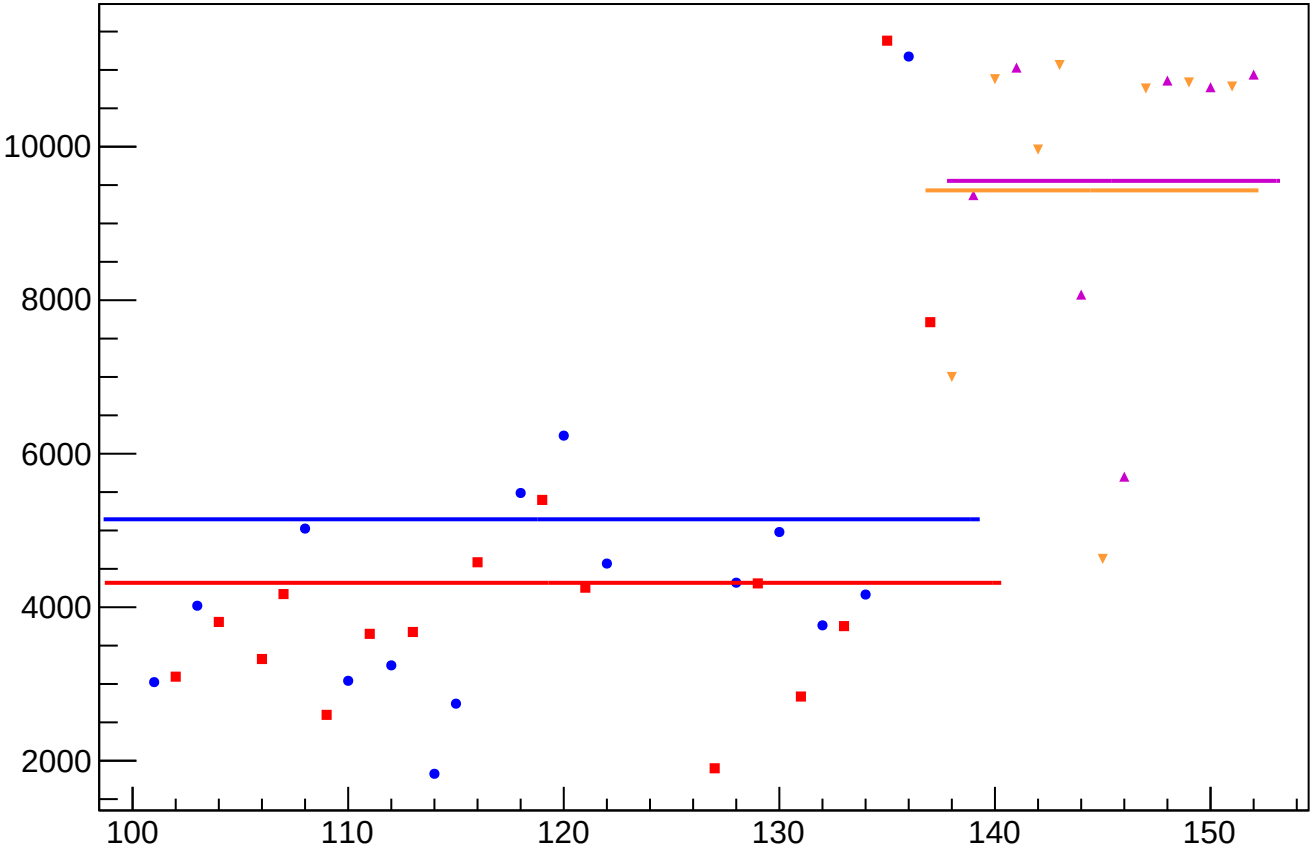
Left In: 1244.218+/-0.000 χ^2/NDF:263920046933400009265411478303717457 92.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

+ sign 7191.615+/-0.000 χ^2/NDF: 13099301079914

Left Out: 9430.782+/-0.000 χ^2/NDF:3136531861991697137604866393053193043968.0/7

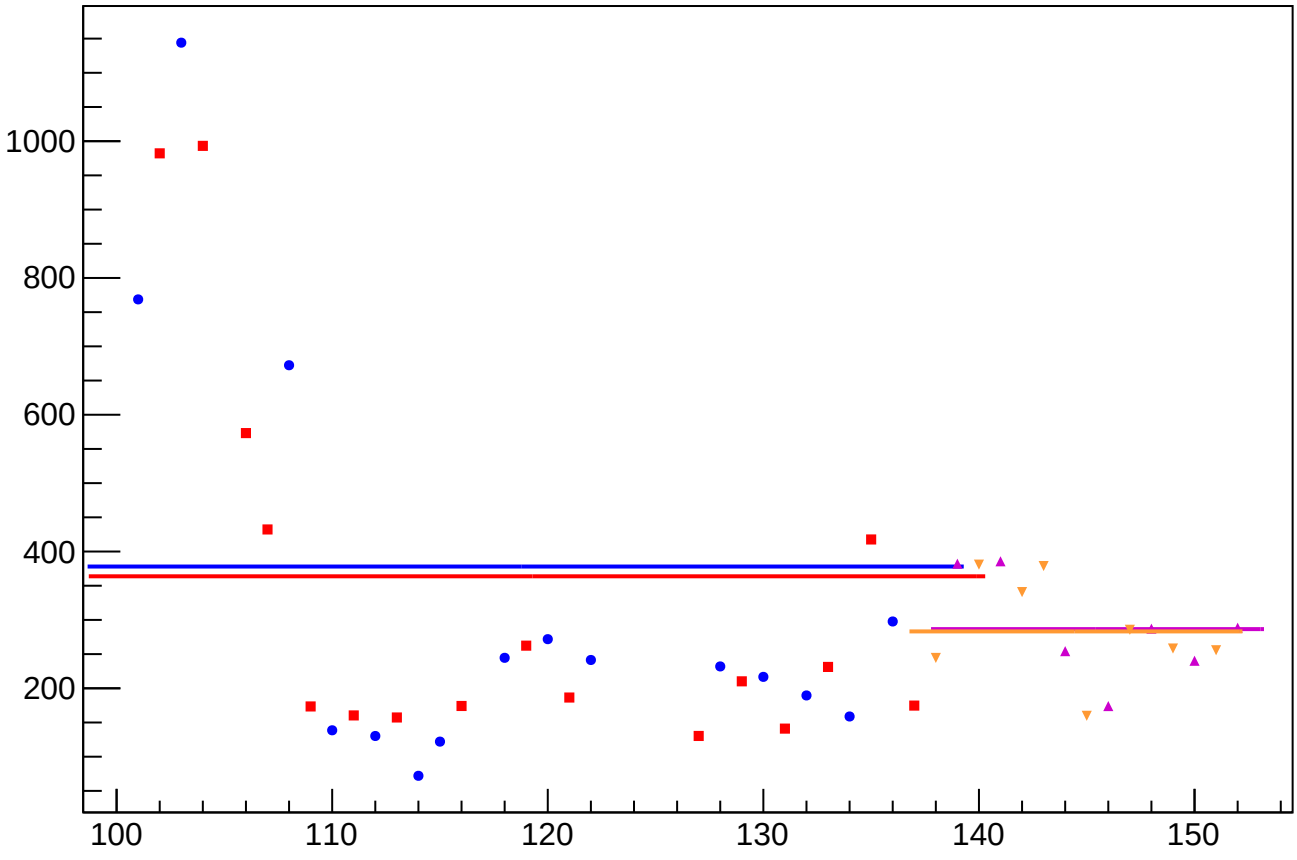
All: 6992.865+/-0.000 χ^2/NDF: 2726542799

Right Out: 4318.126+/-0.000 χ^2/NDF: 3345176554564755427312533888908526616576.0/15

- sign 6798.037+/-0.000 χ^2/NDF: 14068973433116

Left In: 9554.871+/-0.000 χ^2/NDF:2061694180497457139461553151070881972224.0/6

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Left Out: 283.187+/-0.000 χ^2/NDF:300821469548401519610323306110202675 2.0/7

Right Out: 363.772+/-0.000 χ^2/NDF: 590313374847098018041814393427066880 00.0/15

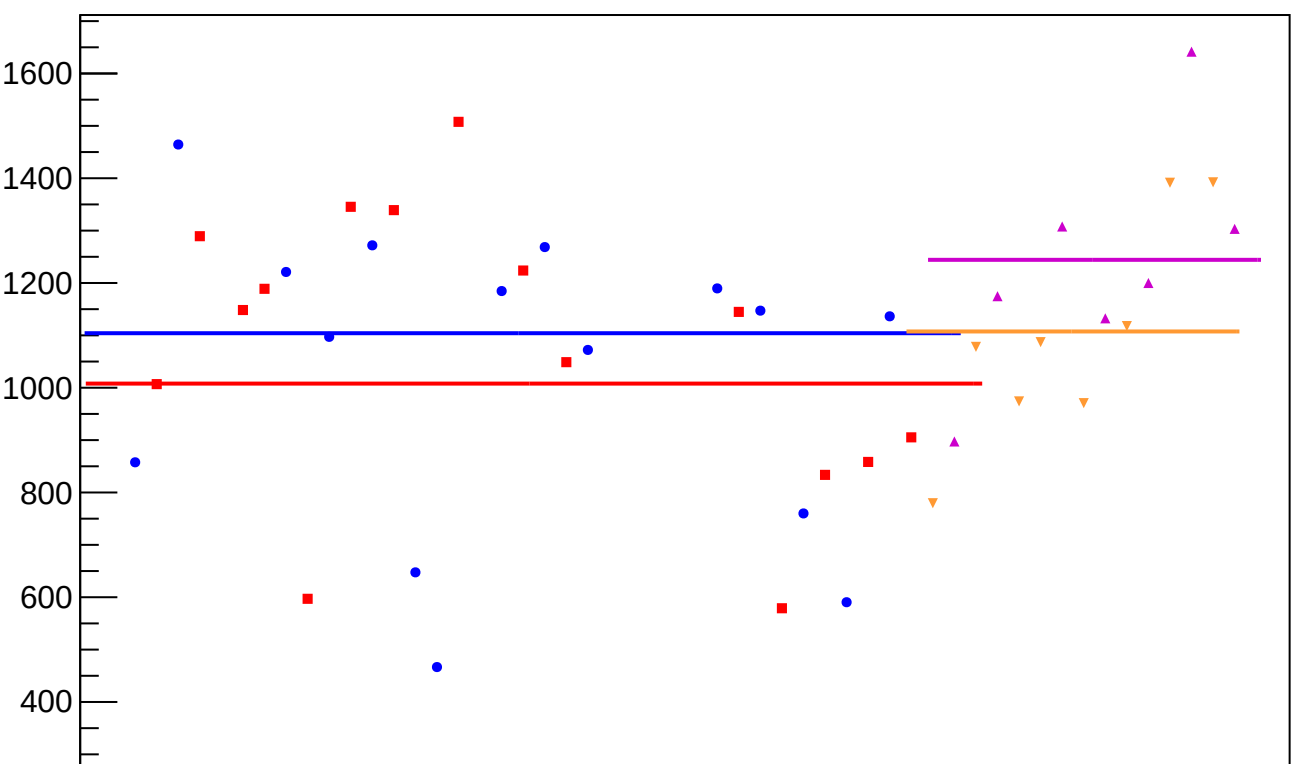
Left In: 286.549+/-0.000 χ^2/NDF:291603564248717487890137262627330457 6.0/6

+ sign 332.758+/-0.000 χ^2/NDF: 673134341419009

All: 329.953+/-0.000 χ^2/NDF: 13116379962 5

- sign 327.203+/-0.000 χ^2/NDF: 638310082956141

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:238520912161052563121324211510506946 56.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

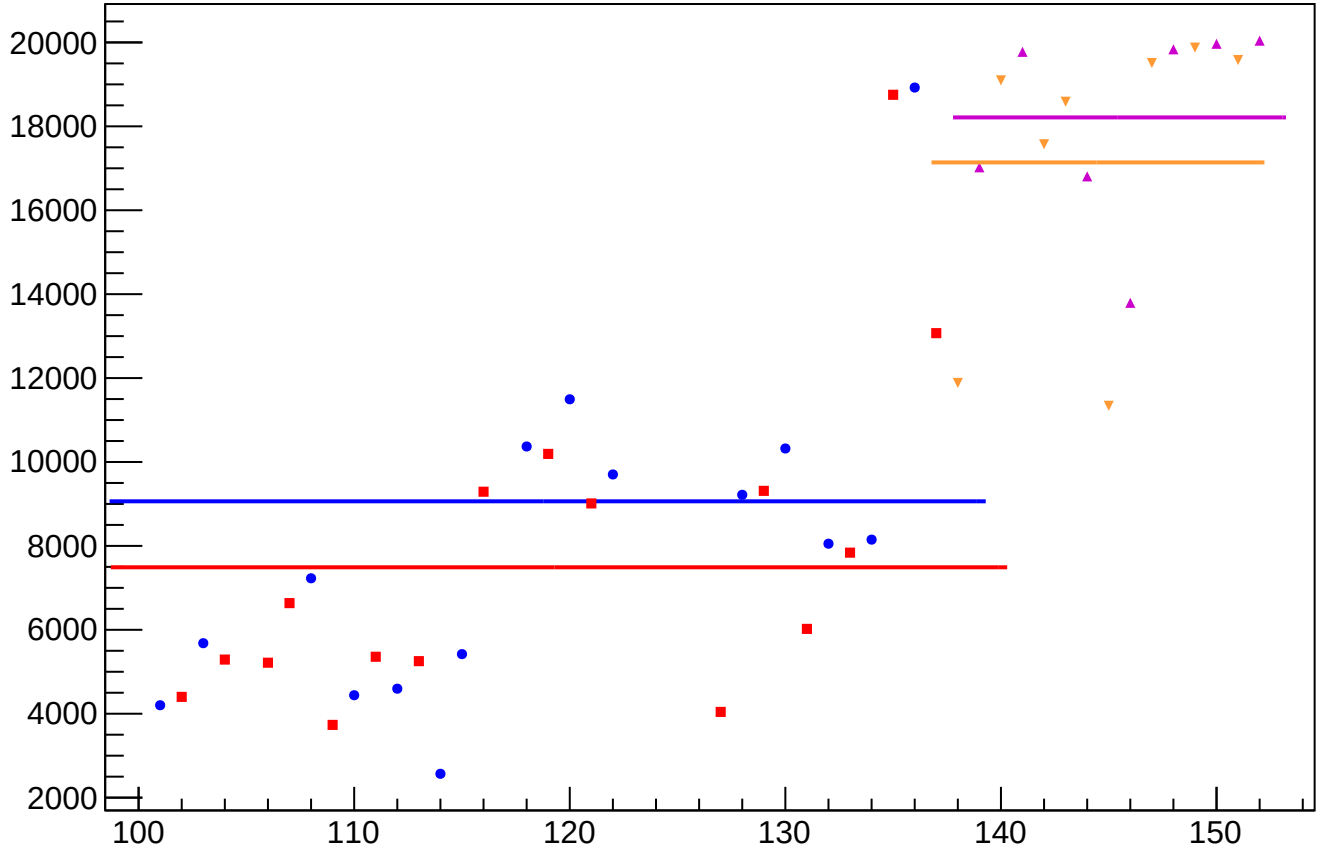
Left In: 1244.218+/-0.000 χ^2/NDF:263920046933400009265411478303717457 92.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

+ sign 12919.288+/-0.000 χ^2/NDF: 4070623175485

Left Out: 17140.061+/-0.000 χ^2/NDF:6868208741937555819931125821627739144192.0/7

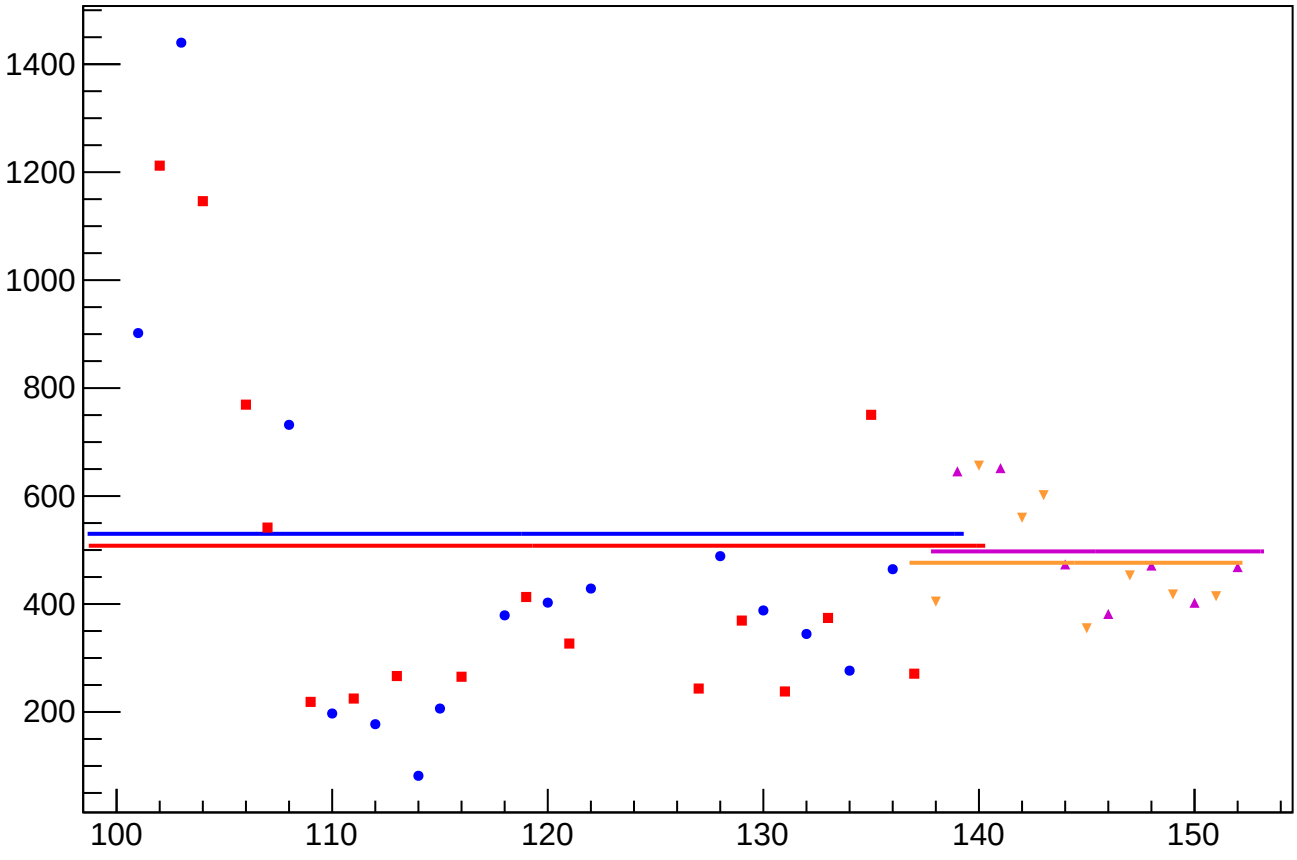
All: 12741.868+/-0.000 χ^2/NDF: 9011979712

Right Out: 7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

- sign 12567.949+/-0.000 χ^2/NDF: 4933614602440

Left In: 18212.772+/-0.000 χ^2/NDF:2911551367456144531814846167541878882304.0/6

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Left Out: 476.423+/-0.000 χ^2/NDF:625051437430591123778634210546286592 0.0/7

Right Out: 507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

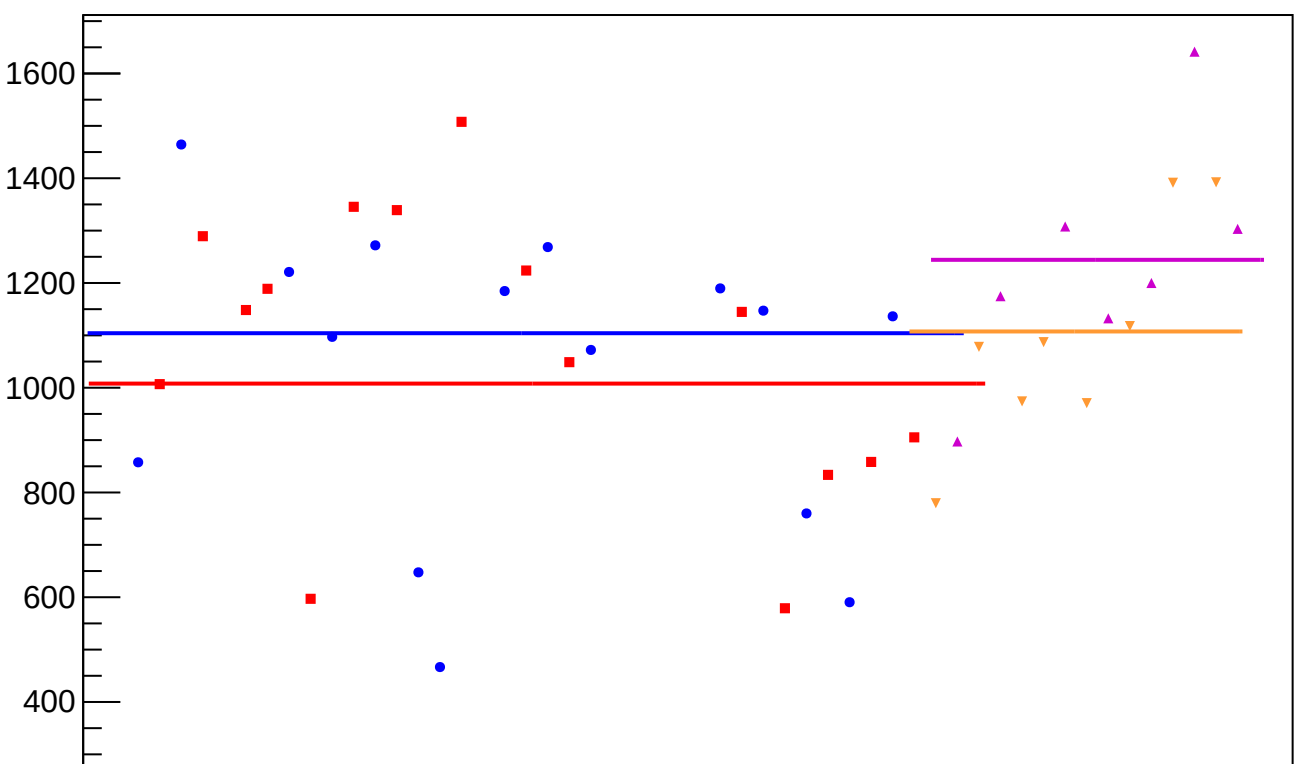
Left In: 497.464+/-0.000 χ^2/NDF:592498231760051712328537466034611 8144.0/6

+ sign 504.449+/-0.000 χ^2/NDF: 858965852151838

All: 503.719+/-0.000 χ^2/NDF: 16854759111 4

- sign 503.003+/-0.000 χ^2/NDF: 826496951296754

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:2385209121610525631213242115105069 4656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

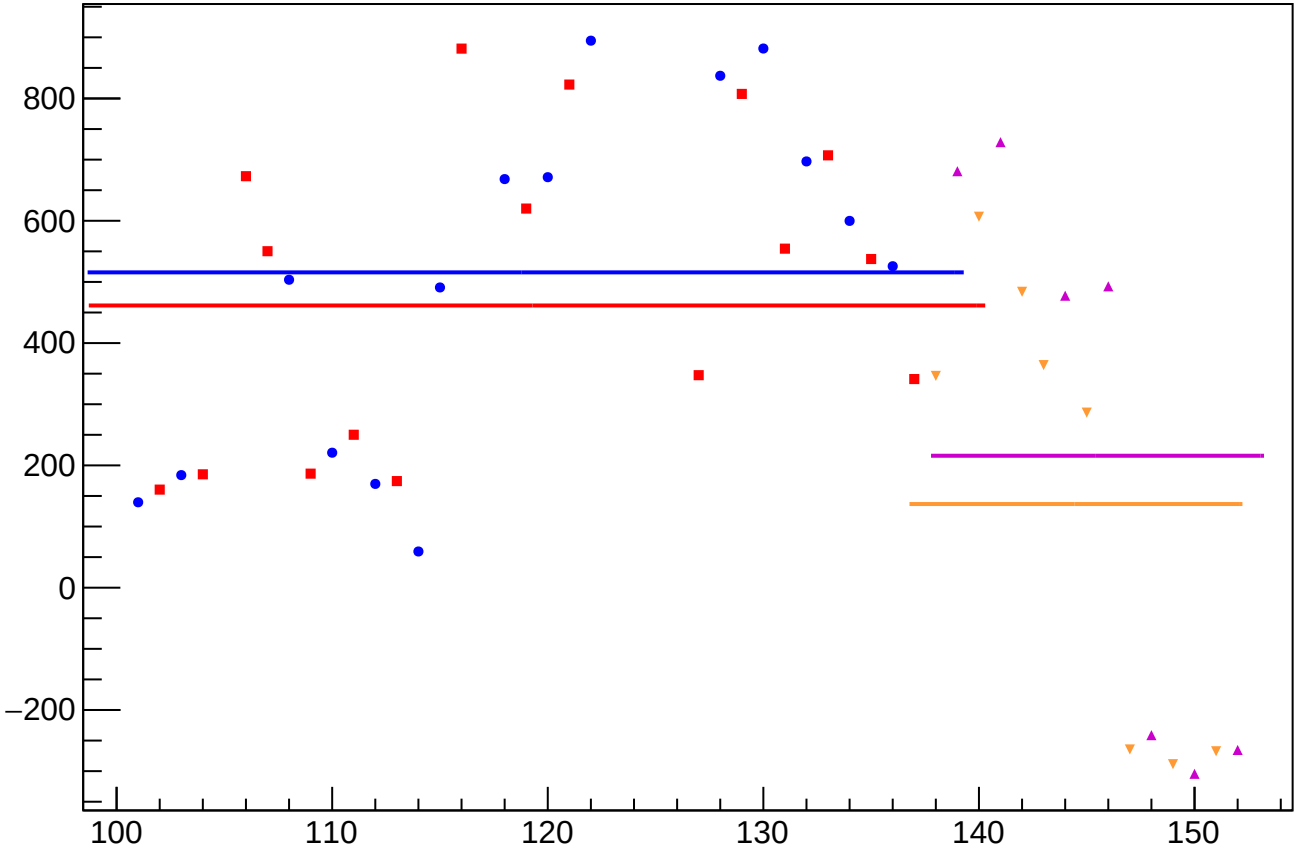
Left In: 1244.218+/-0.000 χ^2/NDF:2639200469334000092654114783037174 5792.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14

+ sign 334.758+/-0.000 χ^2/NDF: 16563018483057 6

Left Out: 136.799+/-0.000 χ^2/NDF:72693405941214924454547616744033222656.0/7

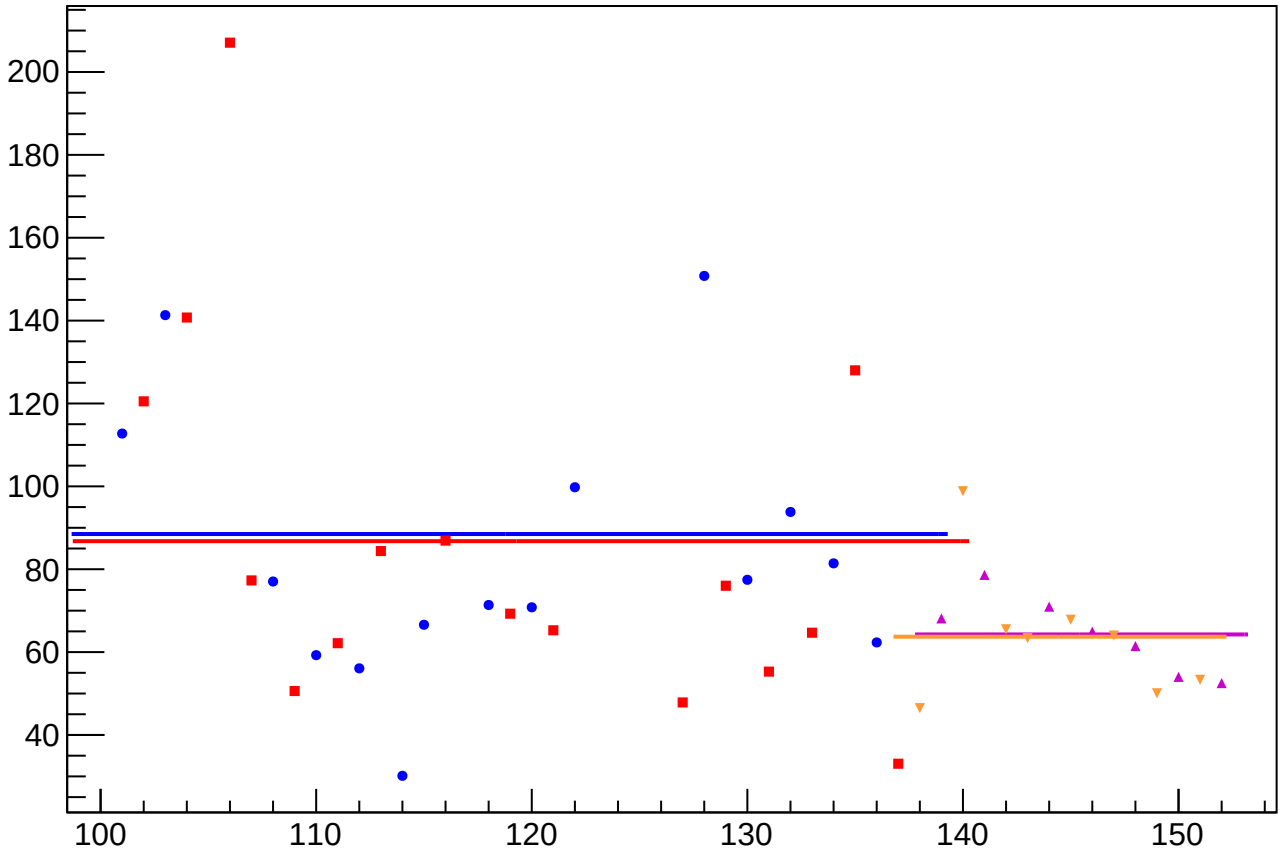
All: 339.996+/-0.000 χ^2/NDF: 33989717856 6

Right Out: 461.497+/-0.000 χ^2/NDF: 40473746660091355928063306884368564224.0/15

- sign 345.132+/-0.000 χ^2/NDF: 174199499865901

Left In: 215.772+/-0.000 χ^2/NDF:11465359871233555567000829323751981 0560.0/6

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

Left Out: 63.713+/-0.000 χ^2/NDF:149867538293652750259063180306153472.0/7

Right Out: 86.773+/-0.000 χ^2/NDF: 105920676631408602124052500322870886 4.0/15

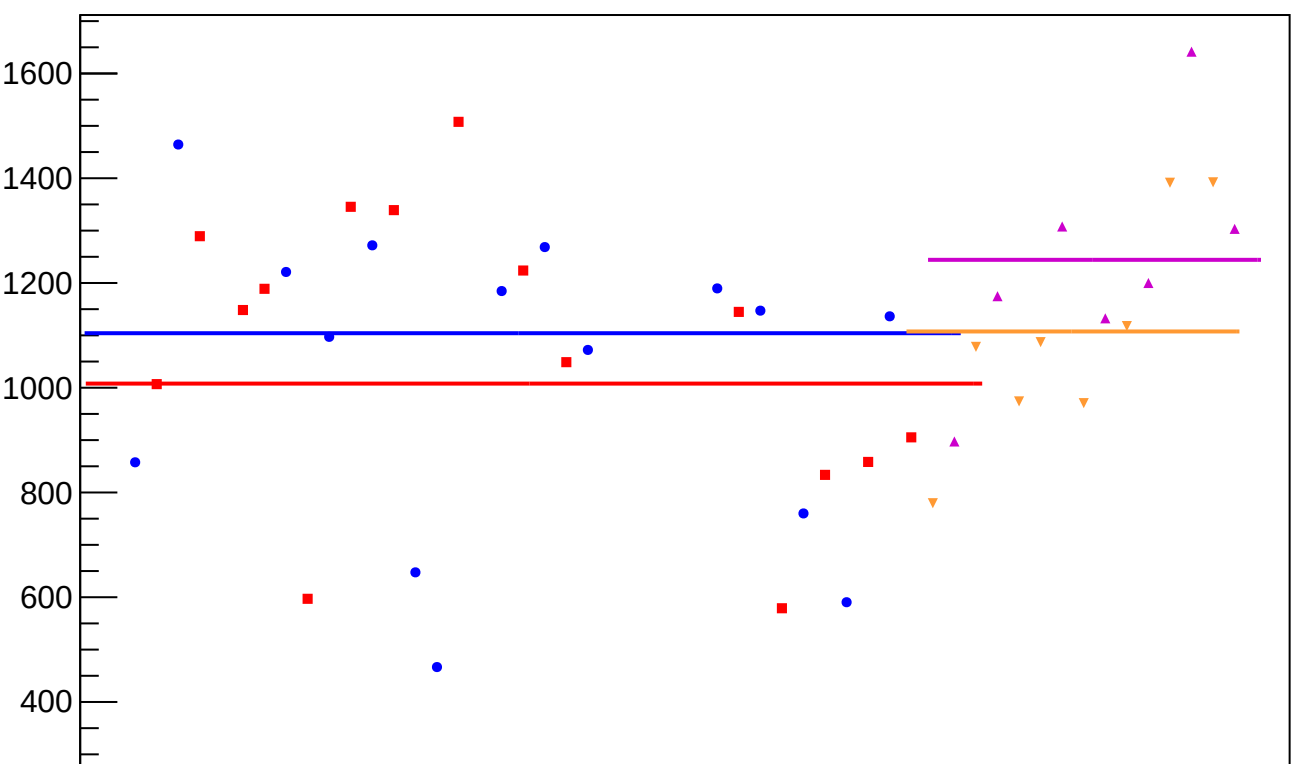
Left In: 64.259+/-0.000 χ^2/NDF:449893315793948990863783815838433 28.0/6

+ sign 76.662+/-0.000 χ^2/NDF: 9833742251387816

All: 76.384+/-0.000 χ^2/NDF: 2247873224883

- sign 76.111+/-0.000 χ^2/NDF: 1264309167776534

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:238520912161052563121324211510506946 56.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

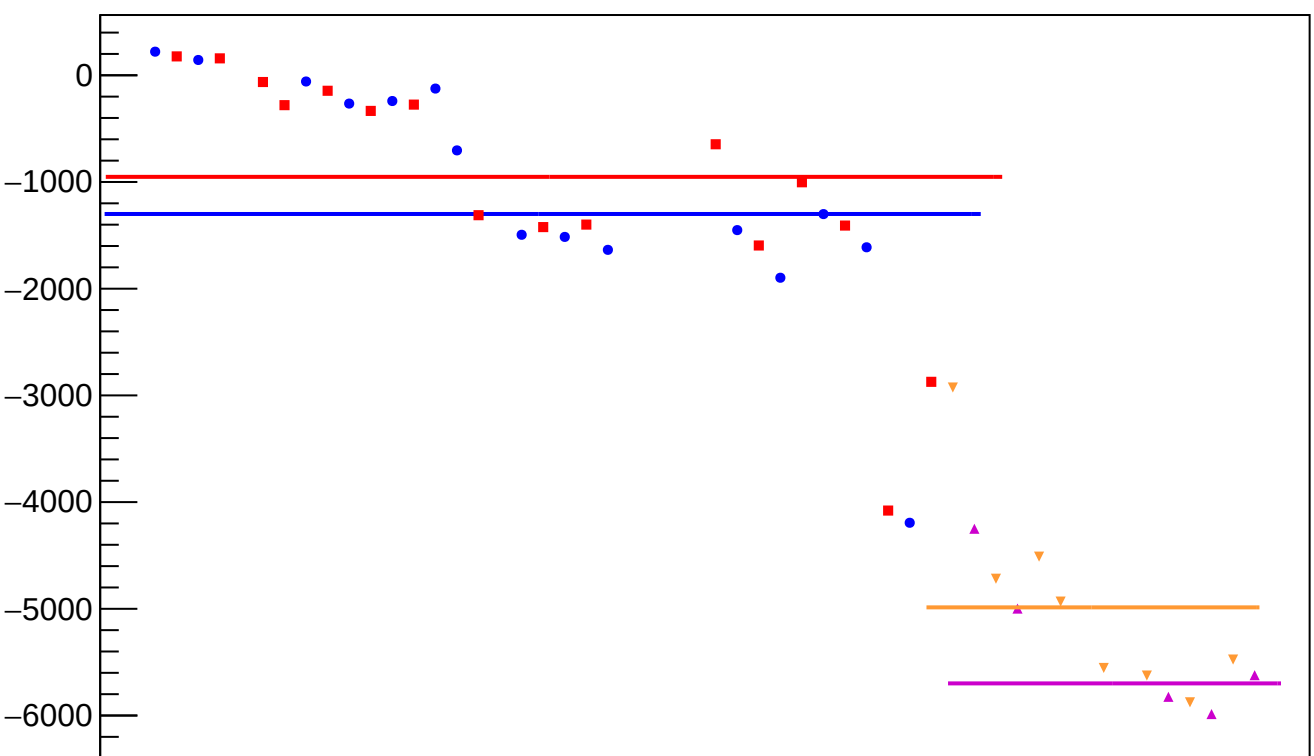
Left In: 1244.218+/-0.000 χ^2/NDF:263920046933400009265411478303717457 92.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

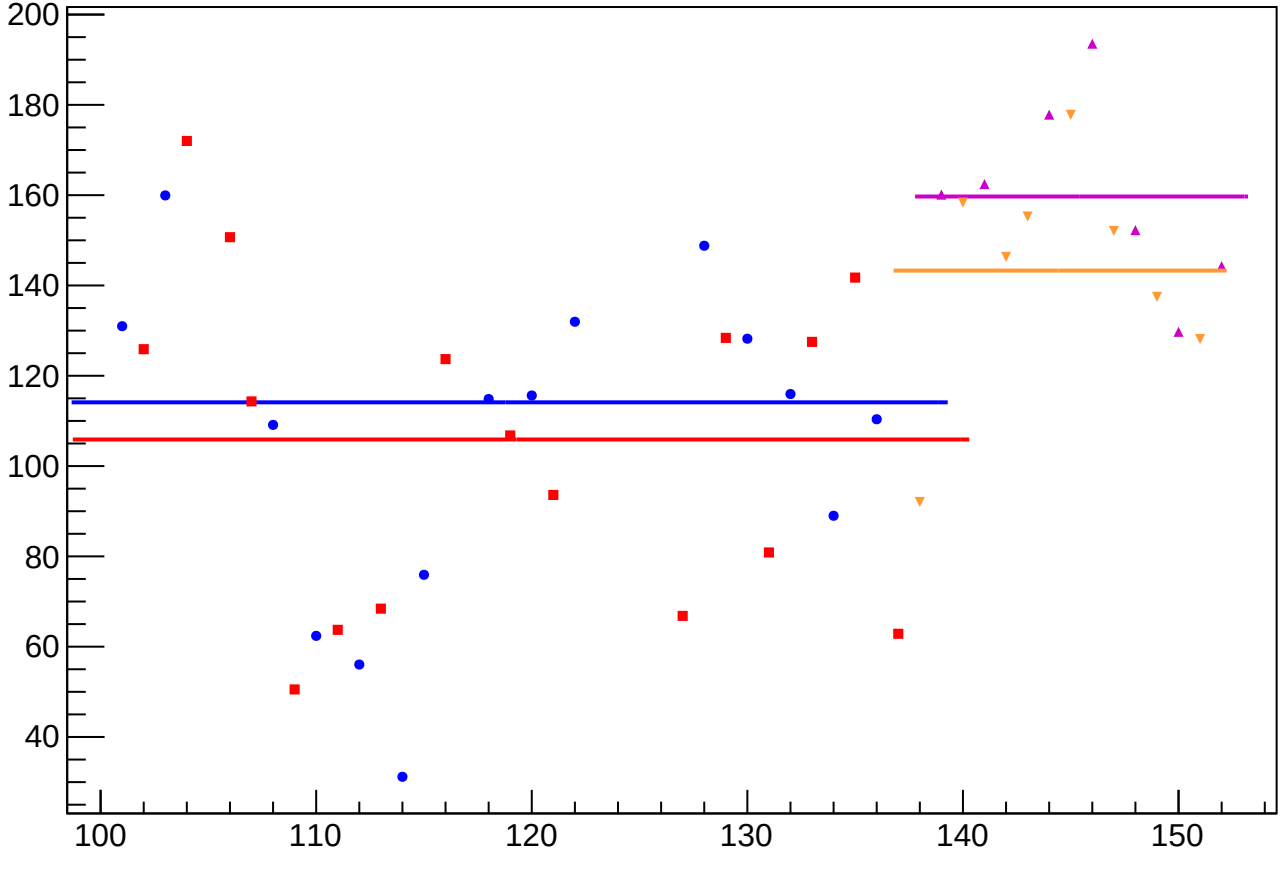
- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000 χ^2/NDF: 11996492521632163670864086915775243223 04.0/14
+ sign -3060.089+/-0.000 χ^2/NDF: 5901574846196
Left Out: -4986.498+/-0.000 χ^2/NDF:49050540214949717406746751290581608038 4.0/7
All: -3130.701+/-0.000 χ^2/NDF: 1422138595
Right Out: -951.903+/-0.000 χ^2/NDF: 84131469686365704417446828421708932710 4.0/15
- sign -3199.919+/-0.000 χ^2/NDF: 8307548200096 9
Left Out: -5698.962+/-0.000 χ^2/NDF:34836779744359608126271483047543675289 6.0/6

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Left Out: 143.296+/-0.000 χ^2/NDF:3564742545871406064554920155147141 12.0/7

Right Out: 105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

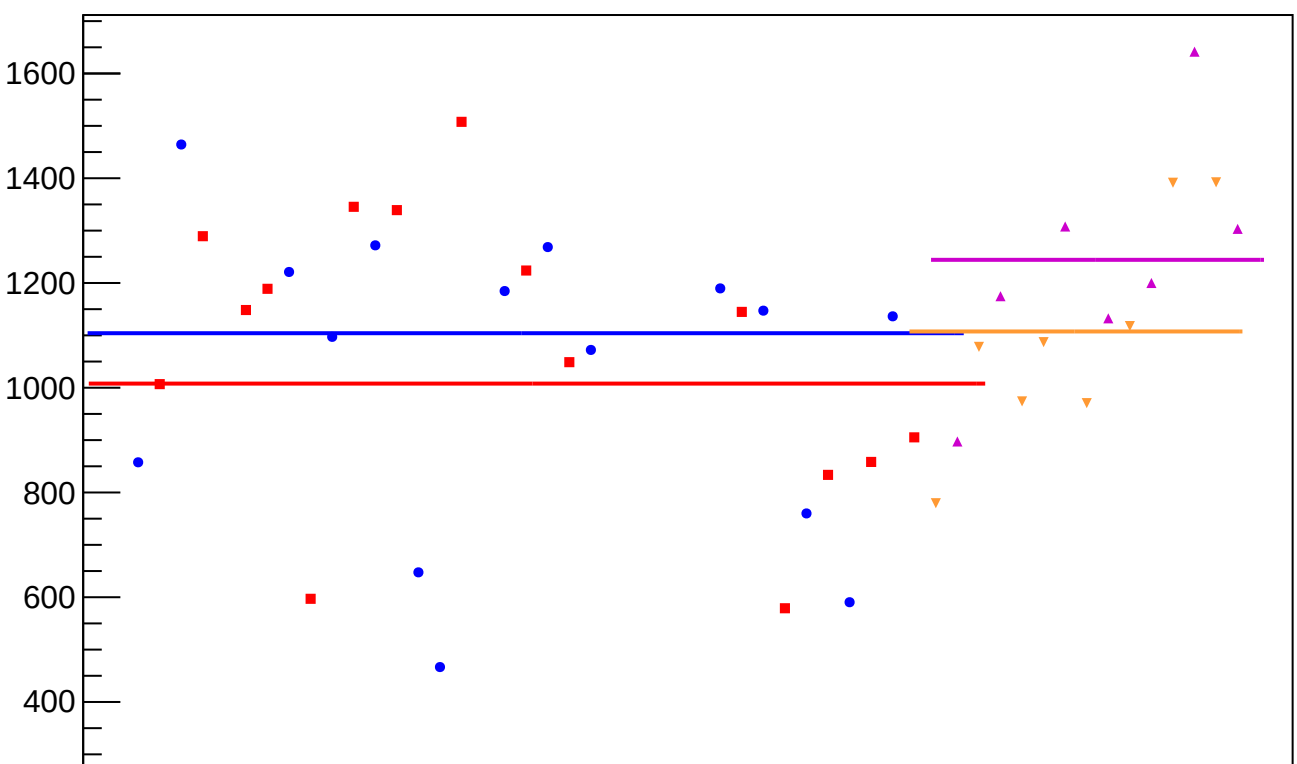
Left In: 159.702+/-0.000 χ^2/NDF:232083264989811610328078025656107008.0/6

+ sign 128.049+/-0.000 χ^2/NDF: 12275160136328 5

All: 129.728+/-0.000 χ^2/NDF: 32330610953 7

- sign 131.373+/-0.000 χ^2/NDF: 199861665207567

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:2385209121610525631213242115105069 4656.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736 8832.0/15

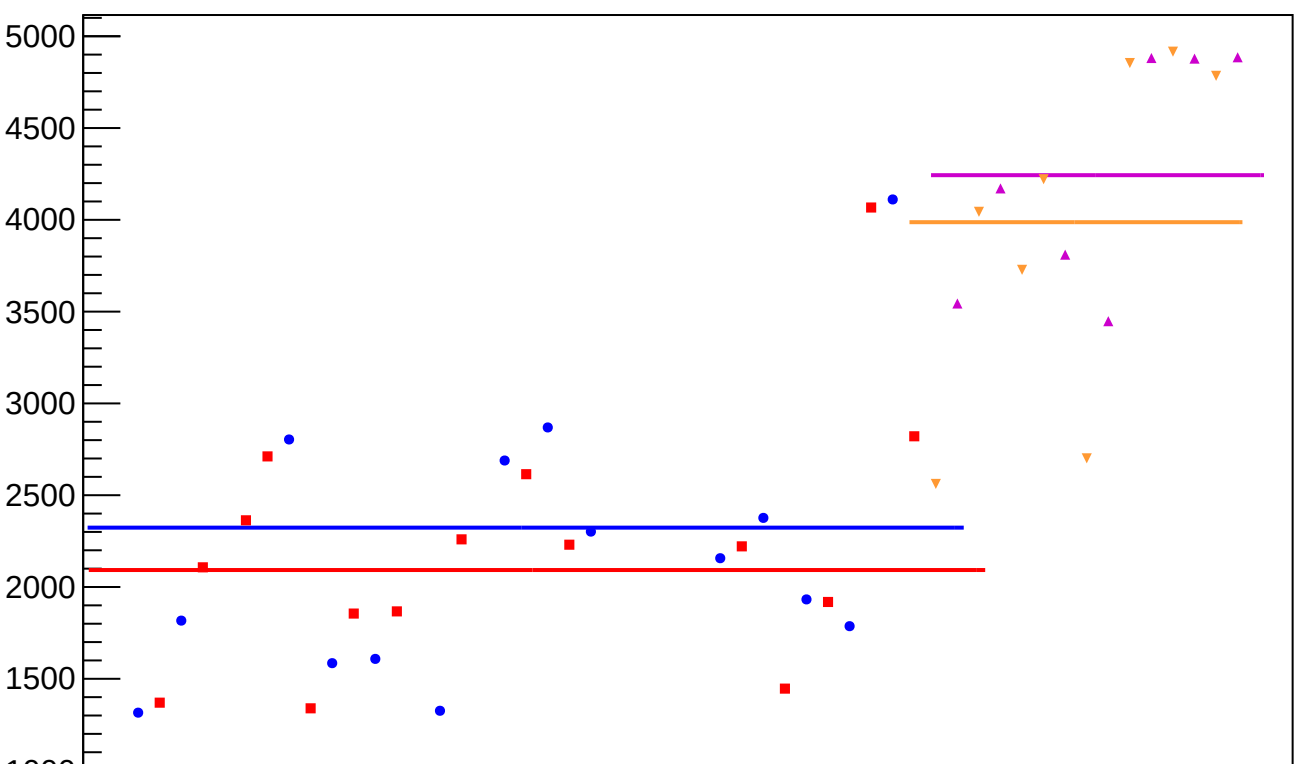
Left In: 1244.218+/-0.000 χ^2/NDF:2639200469334000092654114783037174 5792.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Left Out: 3987.181+/-0.000 χ^2/NDF:479632401773735459667763296831950290944.0/7

Right Out: 2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

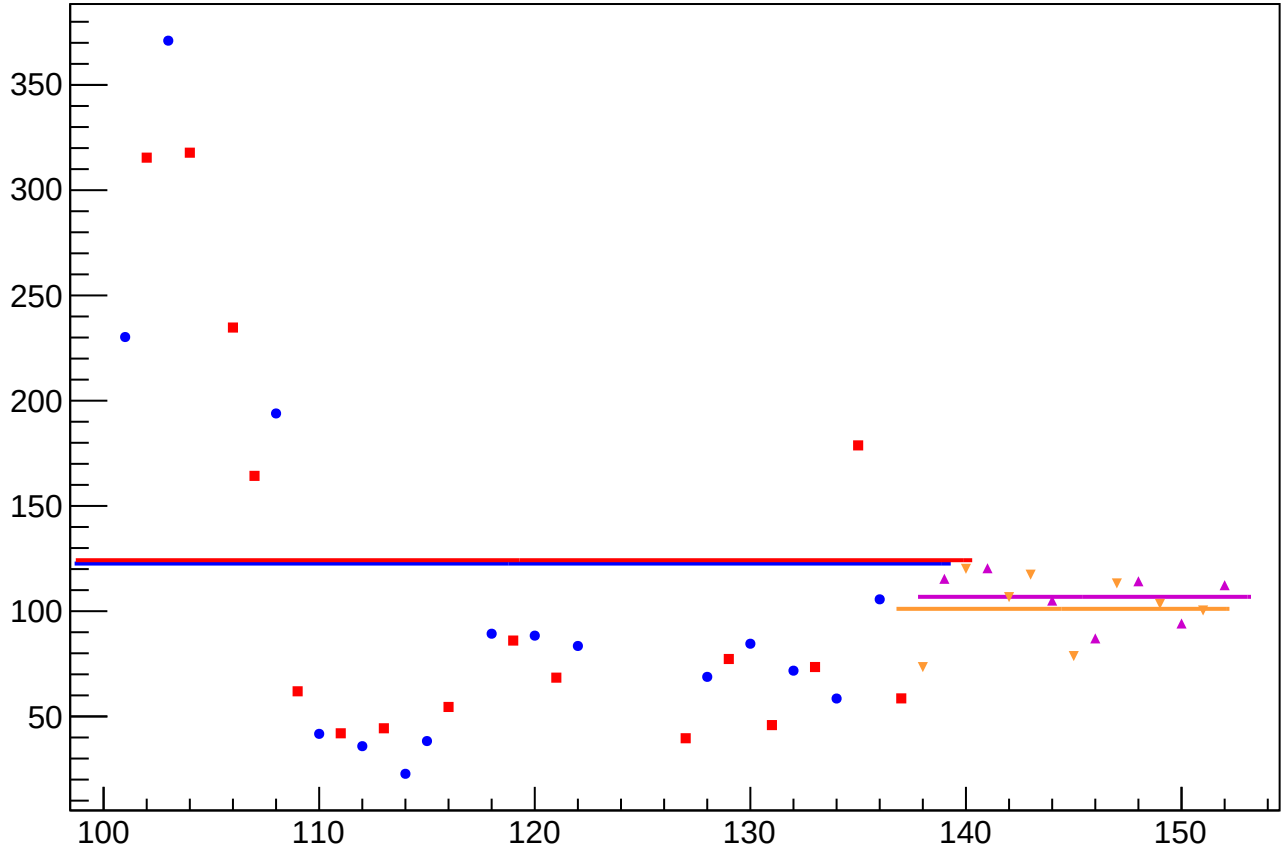
Left In: 4243.233+/-0.000 χ^2/NDF:215990430422287458327284381138246696960.0/6

+ sign 3117.767+/-0.000 χ^2/NDF: 1813800897734

All: 3114.339+/-0.000 χ^2/NDF: 3858081152

- sign 3110.978+/-0.000 χ^2/NDF: 20442513467912

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Left Out: 101.121+/-0.000 χ^2/NDF:161159193817451342295005934886322176.0/7

Right Out: 124.216+/-0.000 χ^2/NDF: 654962758962901295879120294112971980 8.0/15

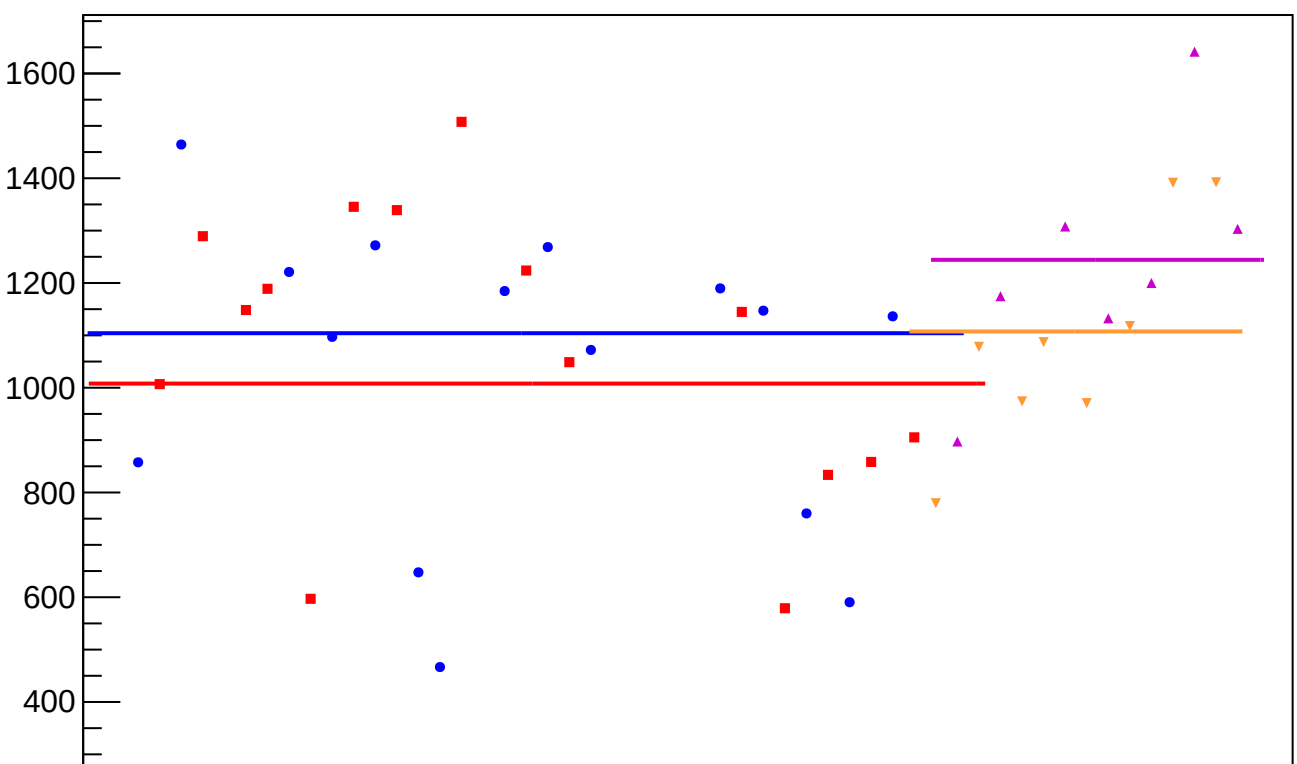
Left In: 106.825+/-0.000 χ^2/NDF:761369504087320560954890255629025 28.0/6

+ sign 112.356+/-0.000 χ^2/NDF: 624191807612768

All: 114.186+/-0.000 χ^2/NDF: 1297146111 88

- sign 115.980+/-0.000 χ^2/NDF: 672130473525186

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:238520912161052563121324211510506946 56.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

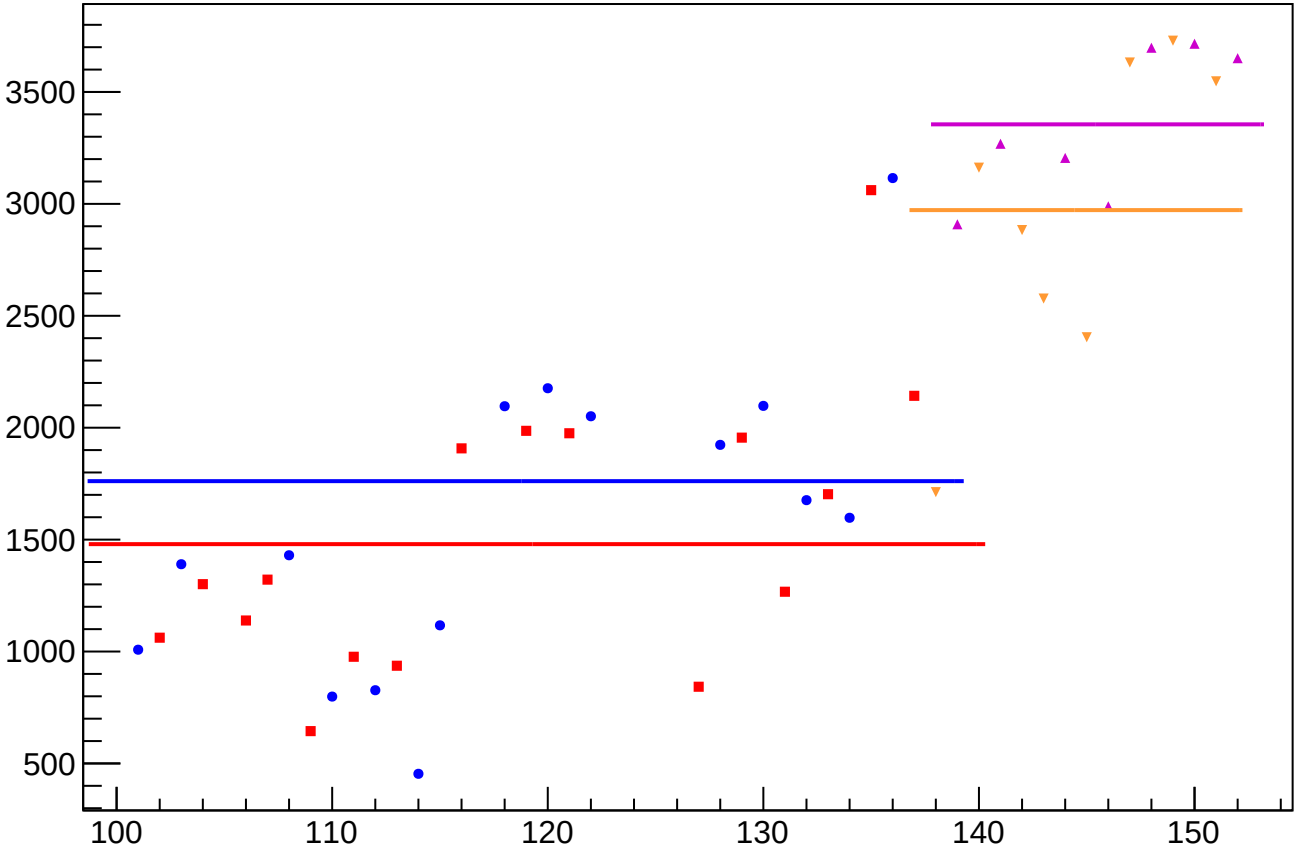
Left In: 1244.218+/-0.000 χ^2/NDF:263920046933400009265411478303717457 92.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Left Out: 2972.176+/-0.000 χ^2/NDF:2713141574569394568835632983999921520 64.0/7

Right Out: 1479.801+/-0.000 χ^2/NDF: 2634677681347809688325512386092361318 40.0/15

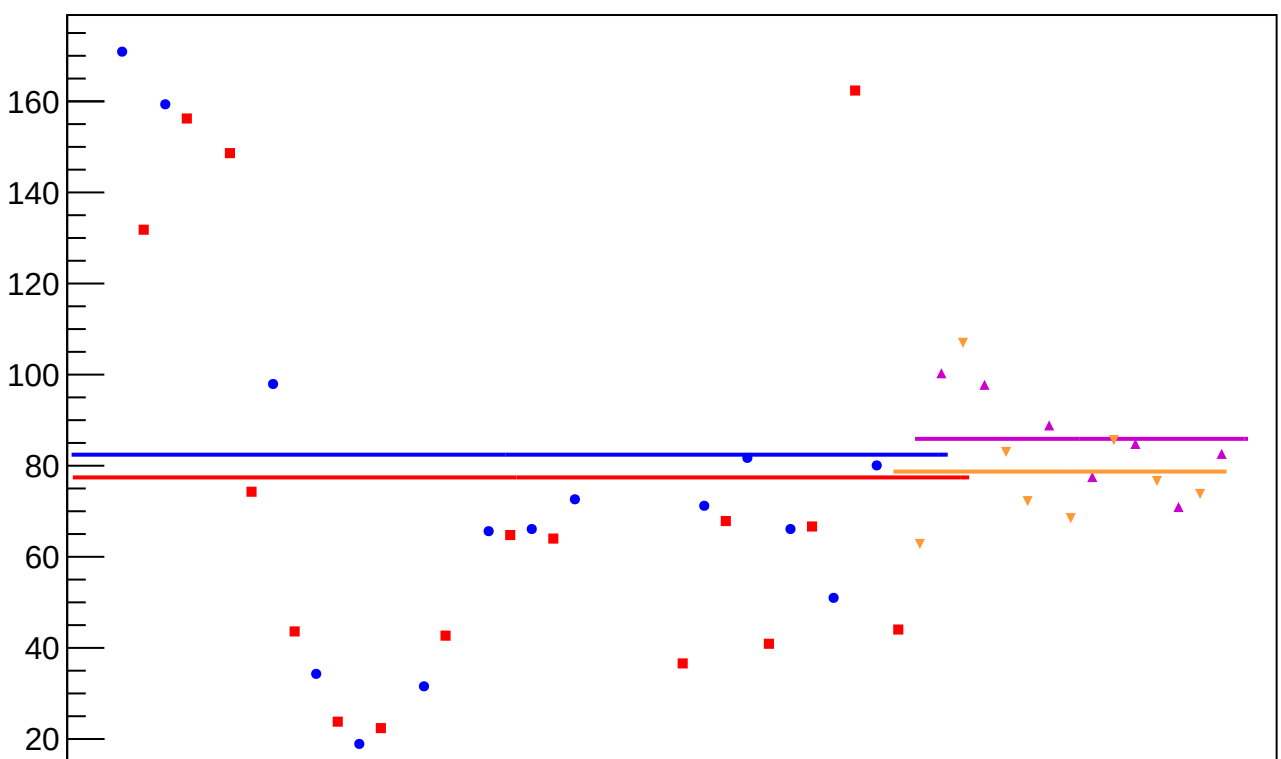
Left In: 3355.297+/-0.000 χ^2/NDF:5916620275364445130416290597965922304 0.0/6

+ sign 2339.411+/-0.000 χ^2/NDF: 1057898162416 0

All: 2353.828+/-0.000 χ^2/NDF: 2492091610 7

- sign 2367.960+/-0.000 χ^2/NDF: 1433682253397 2

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

+ sign 80.653+/-0.000 χ^2/NDF: 1371191889543640

Left Out: 78.716+/-0.000 χ^2/NDF:1033026449524641496760265133134970 88.0/7

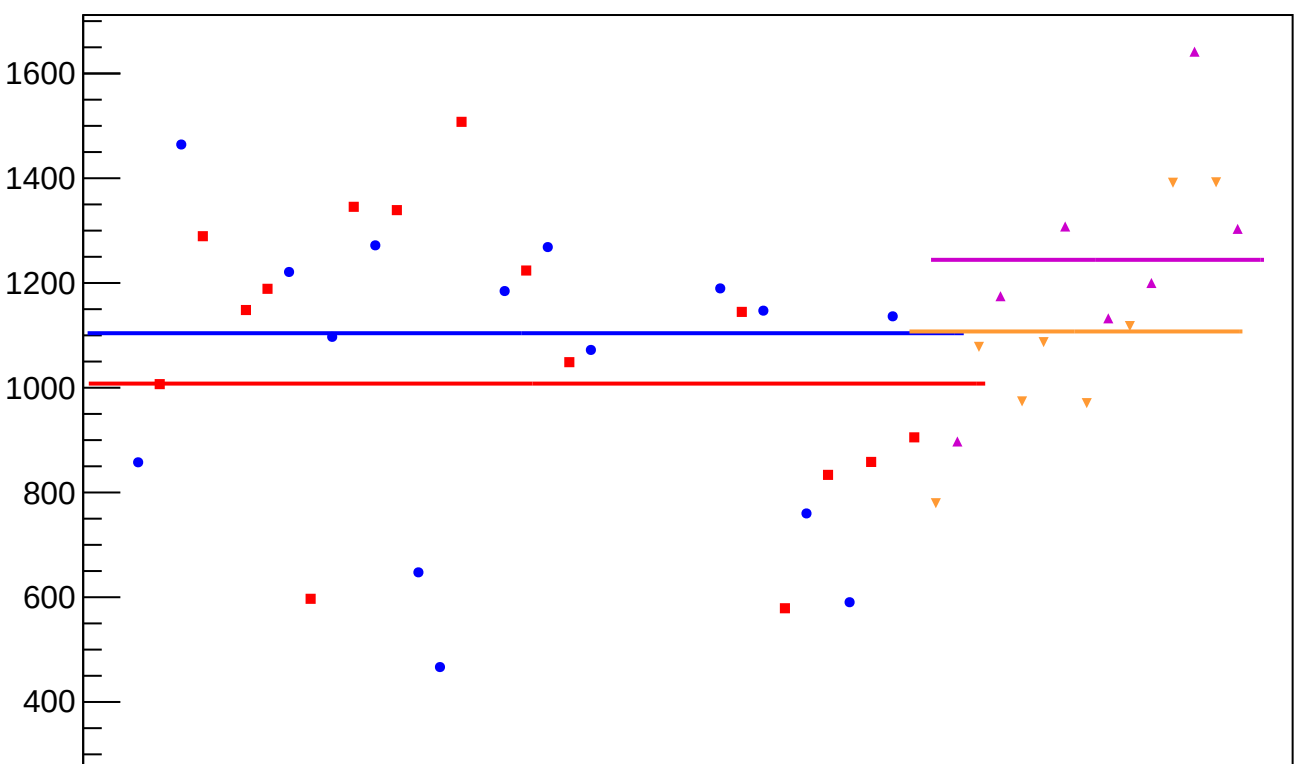
All: 81.050+/-0.000 χ^2/NDF: 2966484168602

Right Out: 77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

- sign 81.440+/-0.000 χ^2/NDF: 1594902992551913

Left In: 85.899+/-0.000 χ^2/NDF:5679292100147933021623461411920 2816.0/6

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1107.442+/-0.000 χ^2/NDF:238520912161052563121324211510506946 56.0/7

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

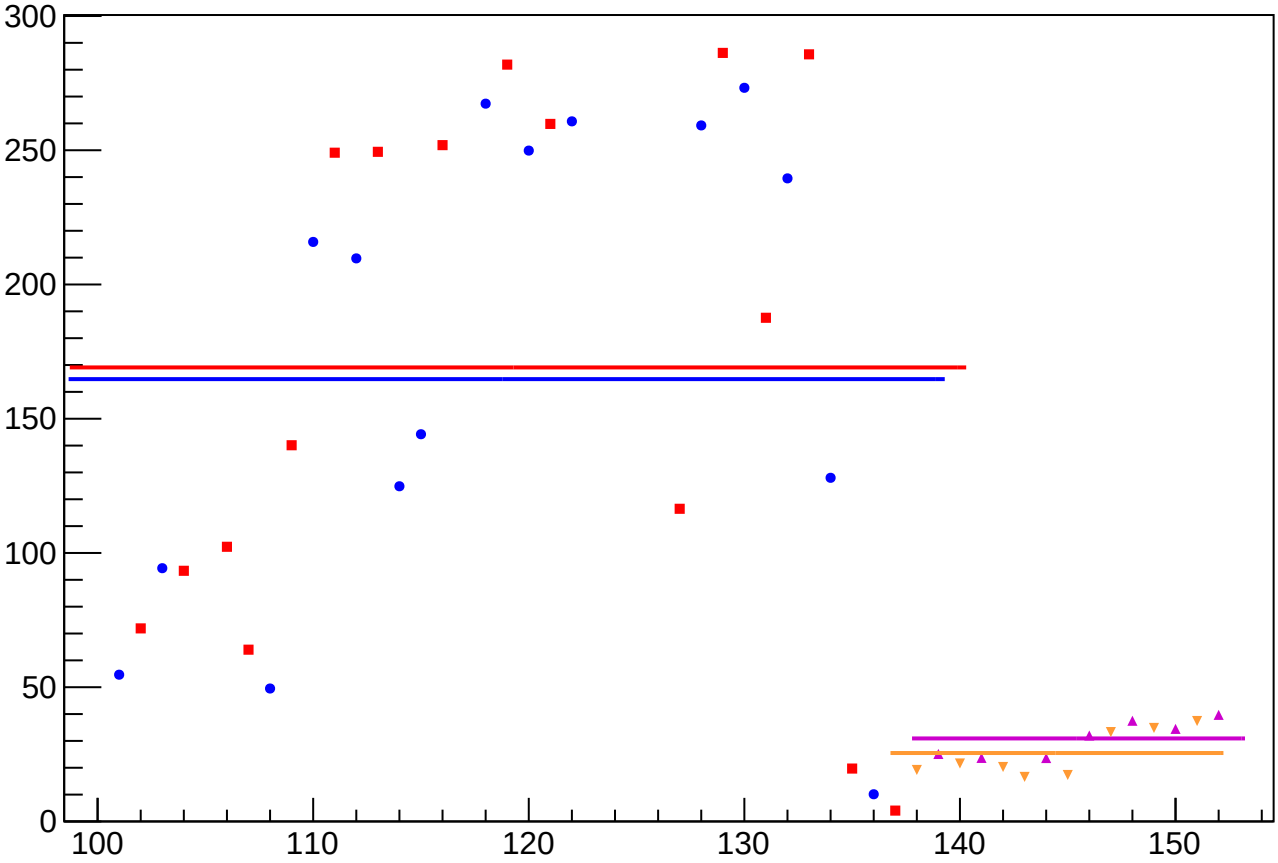
Left In: 1244.218+/-0.000 χ^2/NDF:263920046933400009265411478303717457 92.0/6

+ sign 1105.701+/-0.000 χ^2/NDF: 5659337073047 1

All: 1112.828+/-0.000 χ^2/NDF: 1698272034 2

- sign 1119.814+/-0.000 χ^2/NDF: 11310892129644

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

+ sign 98.261+/-0.000 χ^2/NDF: 1241862536210467

Left Out: 25.491+/-0.000 χ^2/NDF:39343759419918696077936822220488704.0/7

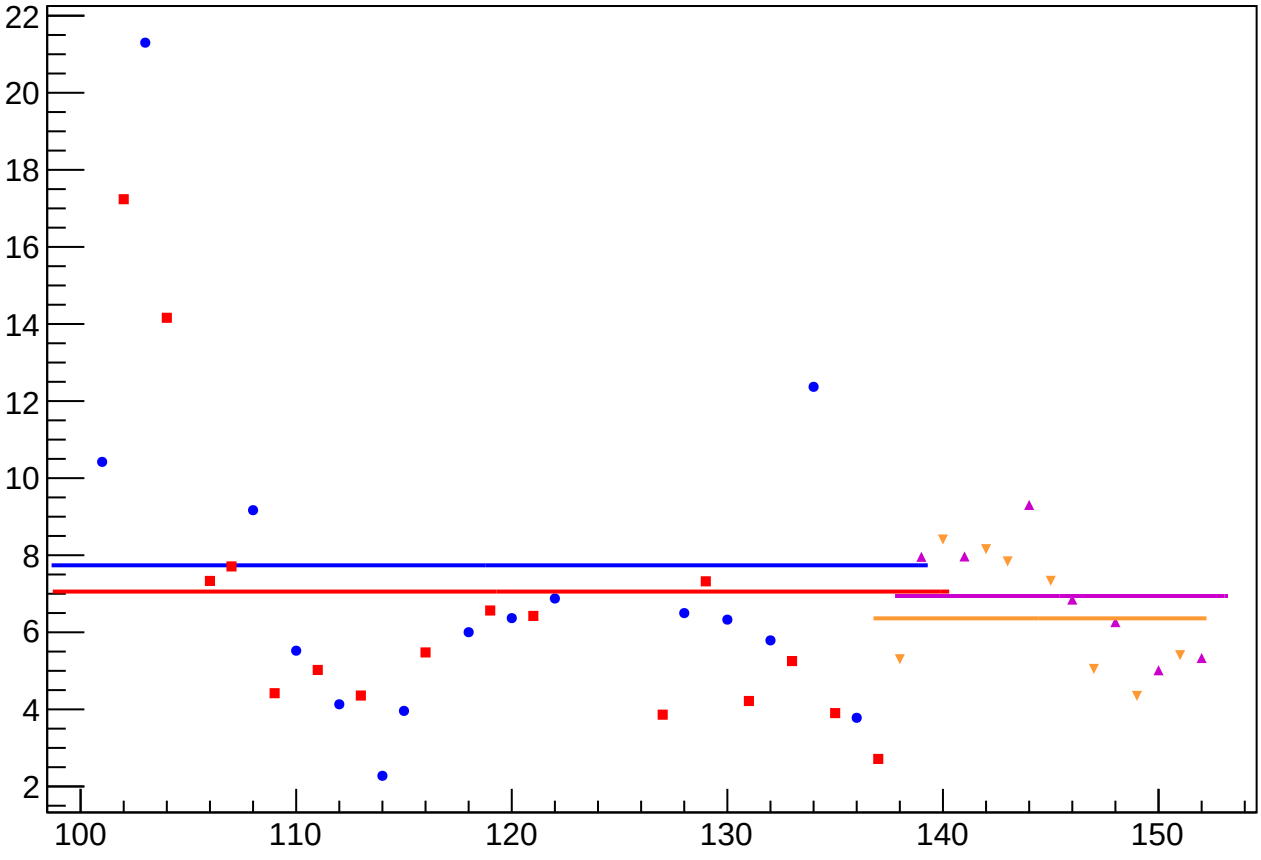
All: 100.991+/-0.000 χ^2/NDF: 24532947032 2

Right Out: 169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

- sign 103.667+/-0.000 χ^2/NDF: 120959905484155

Left In: 30.919+/-0.000 χ^2/NDF:2353120059095214833749100656485990 4.0/6

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF: 15127215479234506007469492768079872.0/14

+ sign 7.081+/-0.000 χ^2/NDF: 17061046591906282

Left Out: 6.362+/-0.000 χ^2/NDF:13471453325622548469572524383928 32.0/7

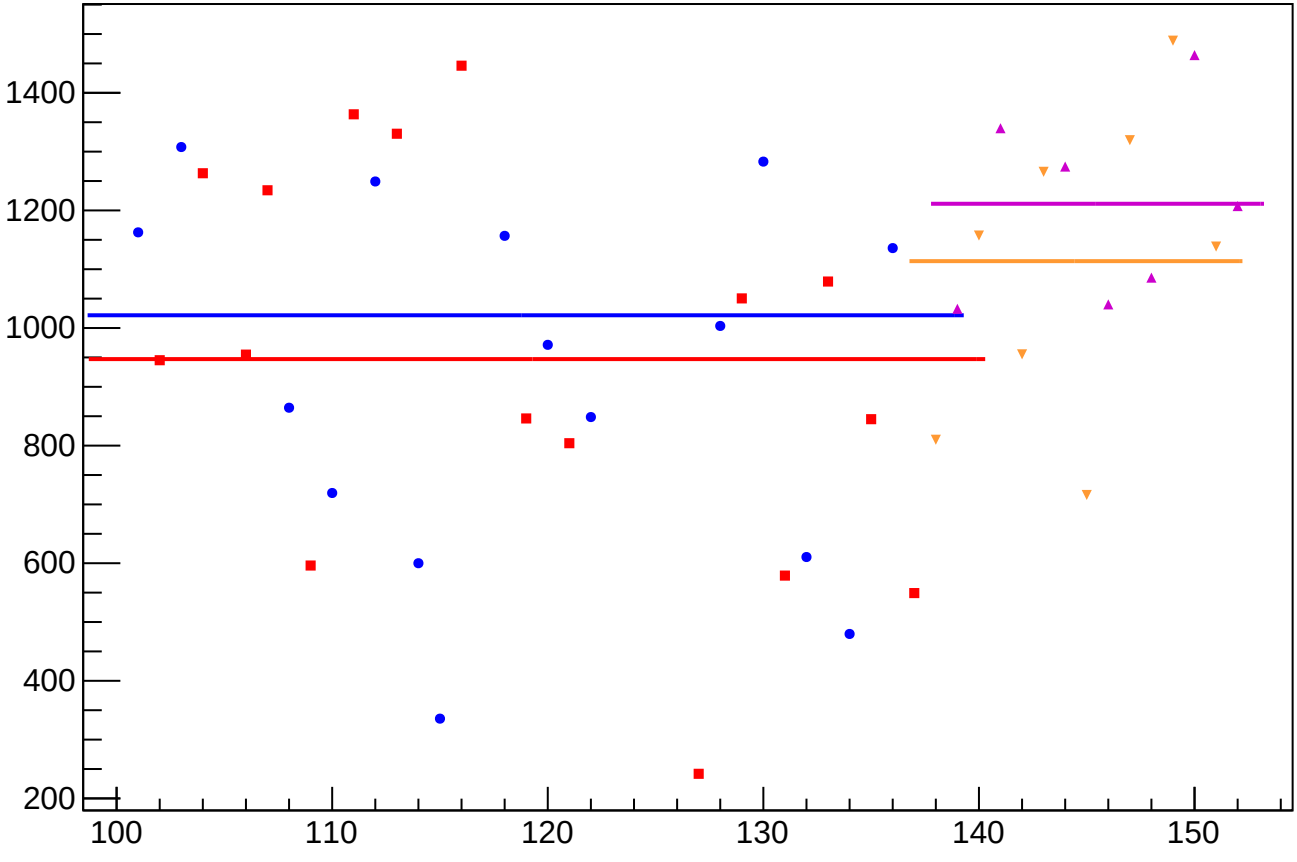
All: 7.042+/-0.000 χ^2/NDF: 2963432111678 9

Right Out: 7.057+/-0.000 χ^2/NDF: 11292441204139394792341242753581056.0/15

- sign 7.003+/-0.000 χ^2/NDF: 12569373335901665

Left In: 6.942+/-0.000 χ^2/NDF:12727625873933132052254810376765 44.0/6

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7

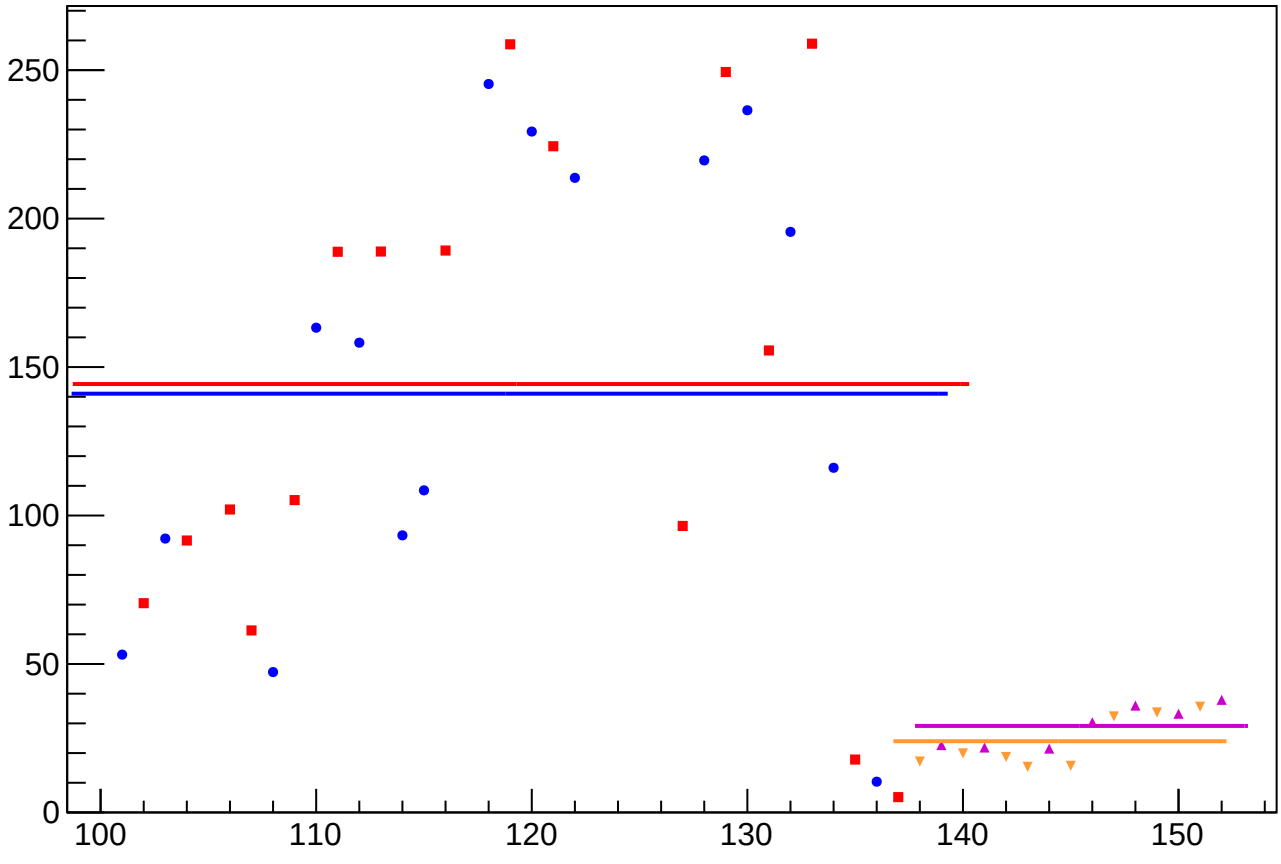
All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

Left Out: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

+ sign 85.150+/-0.000 χ^2/NDF: 8793397281644590

Left Out: 23.991+/-0.000 χ^2/NDF:4063128966710900825162465697542963 2.0/7

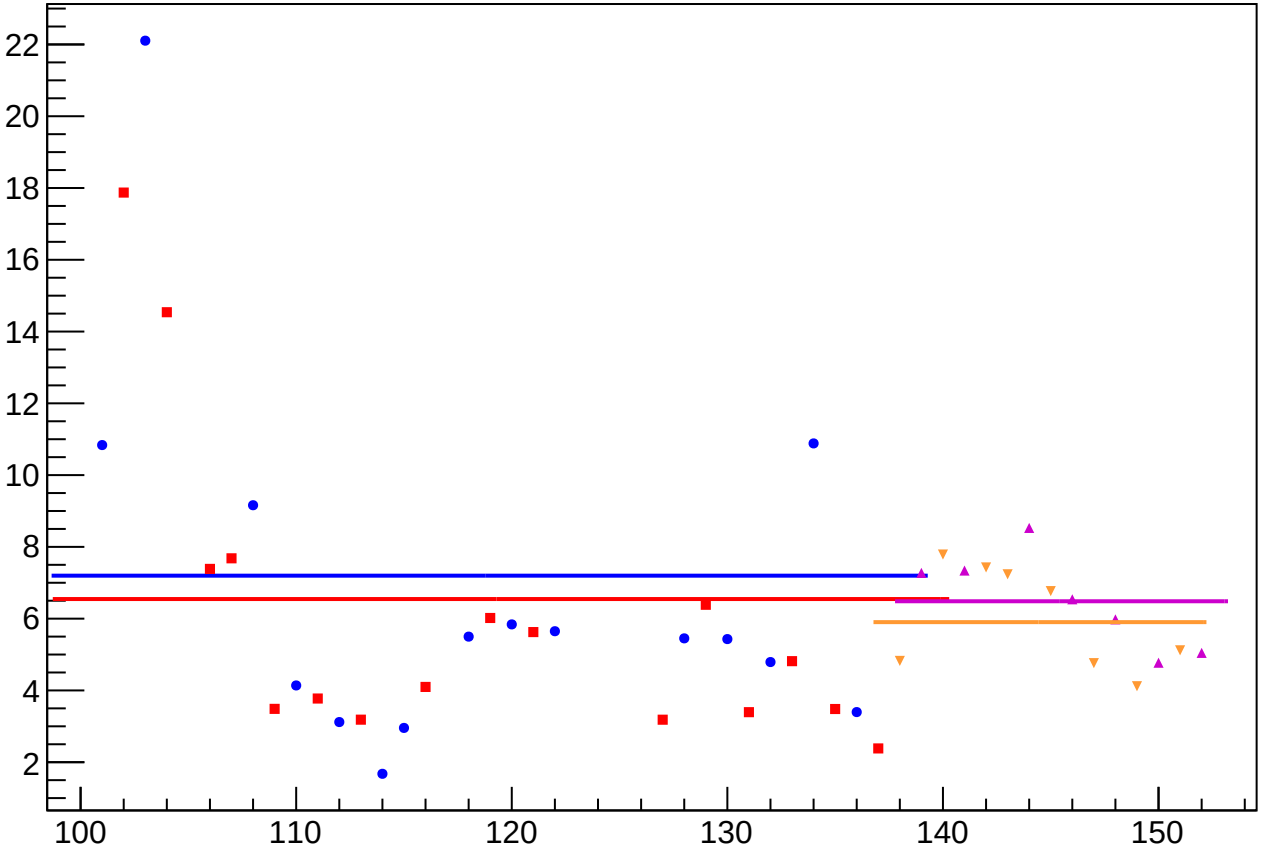
All: 87.476+/-0.000 χ^2/NDF: 1728811291854

Right Out: 144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

- sign 89.756+/-0.000 χ^2/NDF: 8481407960530642

Left In: 29.140+/-0.000 χ^2/NDF:2538052161153605327787266654653 6448.0/6

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

+ sign 6.580+/-0.000 χ^2/NDF: 19818072879283934

Left Out: 5.903+/-0.000 χ^2/NDF:10858721501041374217605191544340 48.0/7

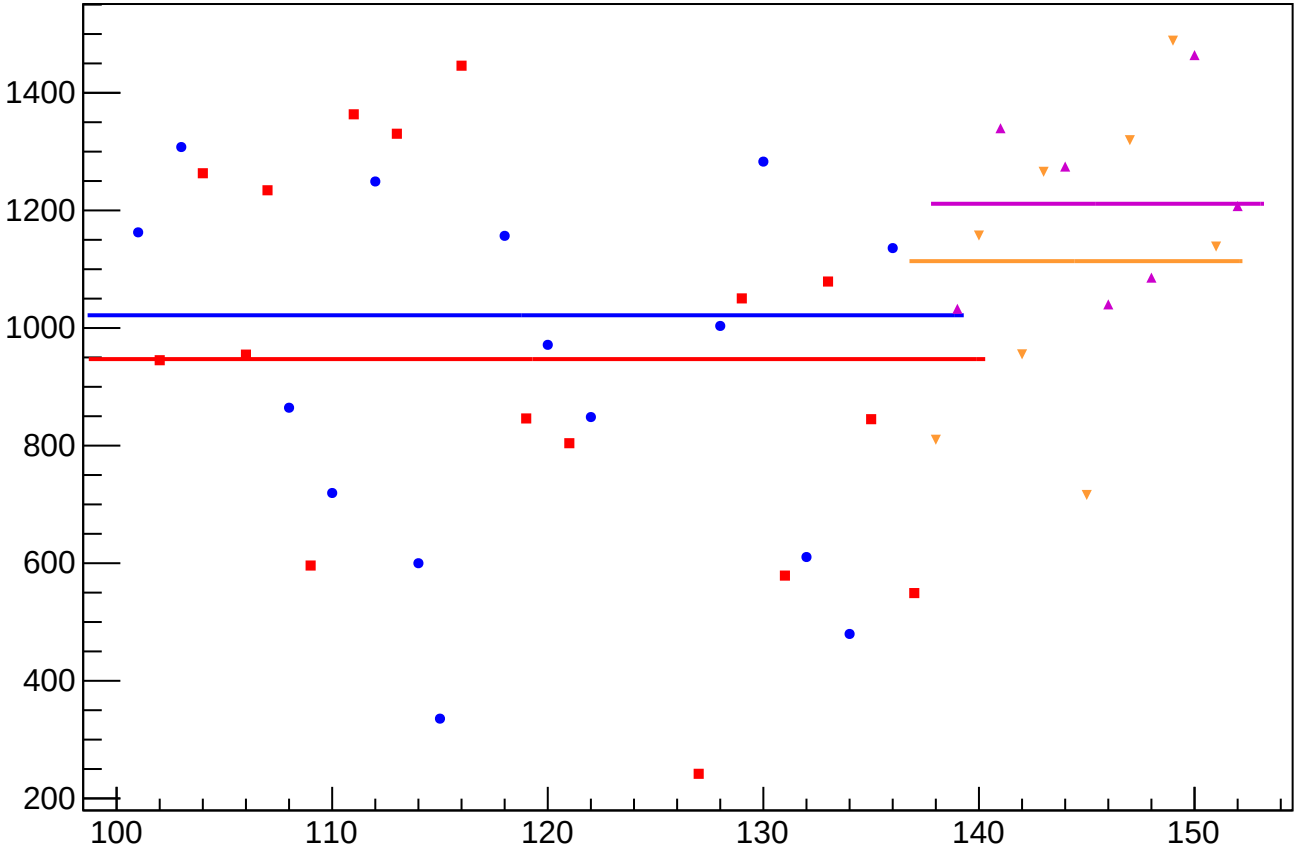
All: 6.548+/-0.000 χ^2/NDF: 3485376411100 2

Right Out: 6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

- sign 6.517+/-0.000 χ^2/NDF: 15033254146916515

Left In: 6.485+/-0.000 χ^2/NDF:9531262467390828790825312615137 28.0/6

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7

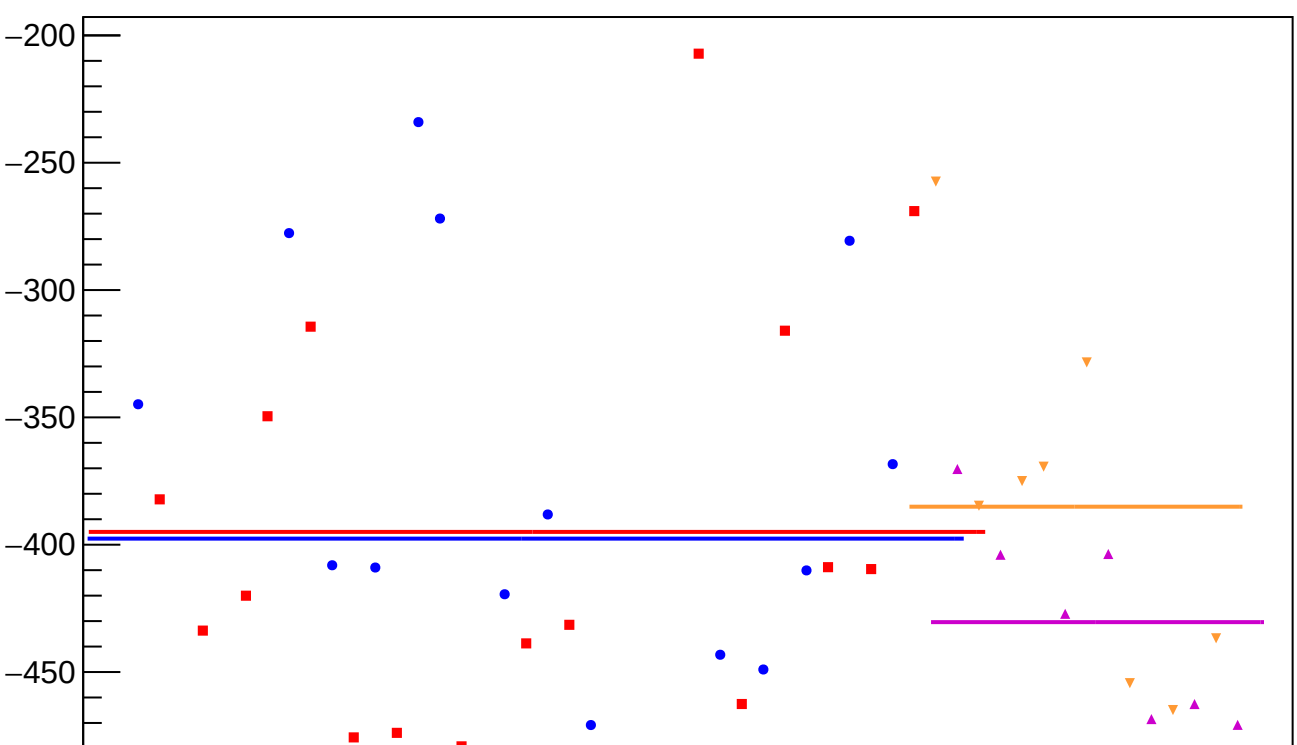
All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

Left In: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

Left Out: -385.071+/-0.000 χ^2/NDF:266840278694746423660472219885948108 8.0/7

Right Out: -394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

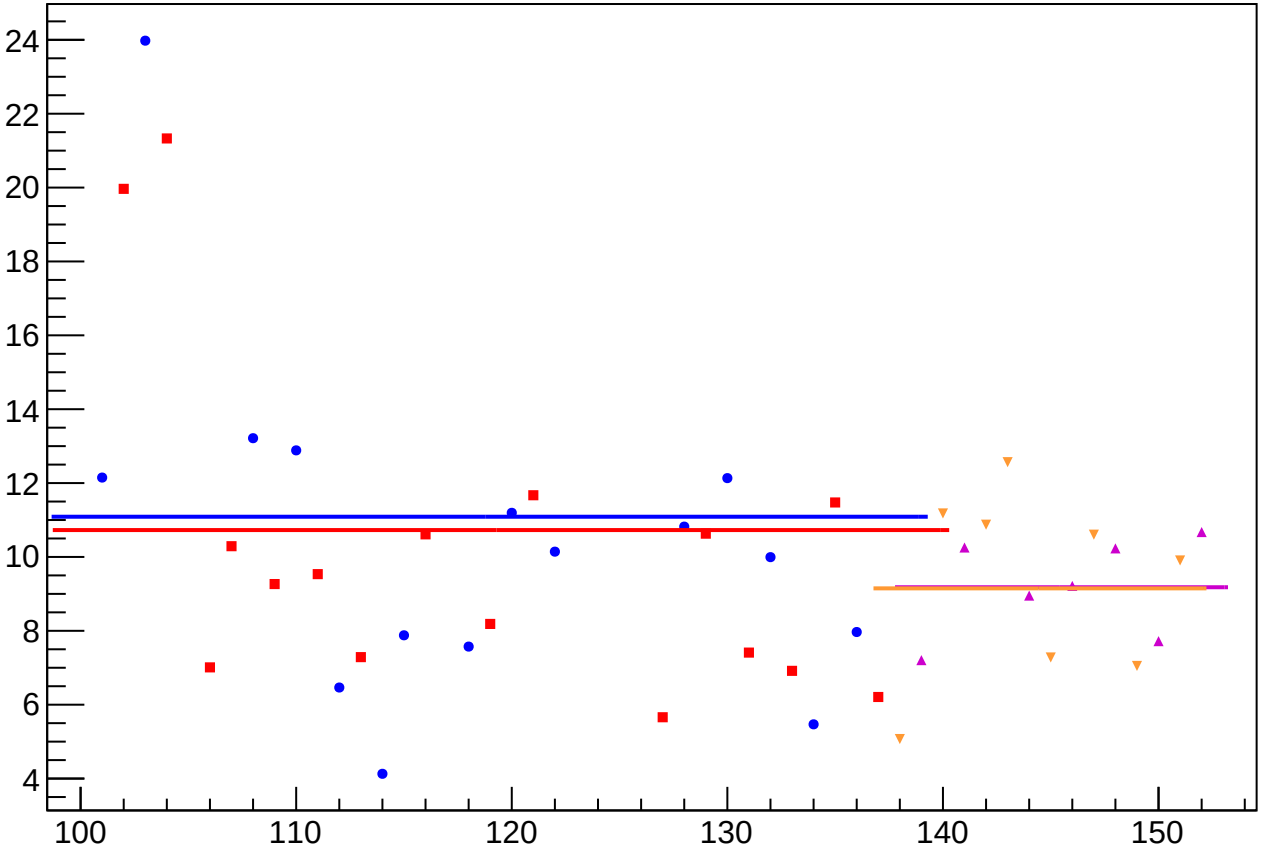
Left In: -430.407+/-0.000 χ^2/NDF:770257985244627837578327624668676096.0/6

+ sign -391.625+/-0.000 χ^2/NDF: 53784257371497

All: -401.789+/-0.000 χ^2/NDF: 10484990433

- sign -411.753+/-0.000 χ^2/NDF: 48524585393936

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

+ sign 10.163+/-0.000 χ^2/NDF: 188184197920834 0

Left Out: 9.149+/-0.000 χ^2/NDF:3416792994354536167775977343025152.0/7

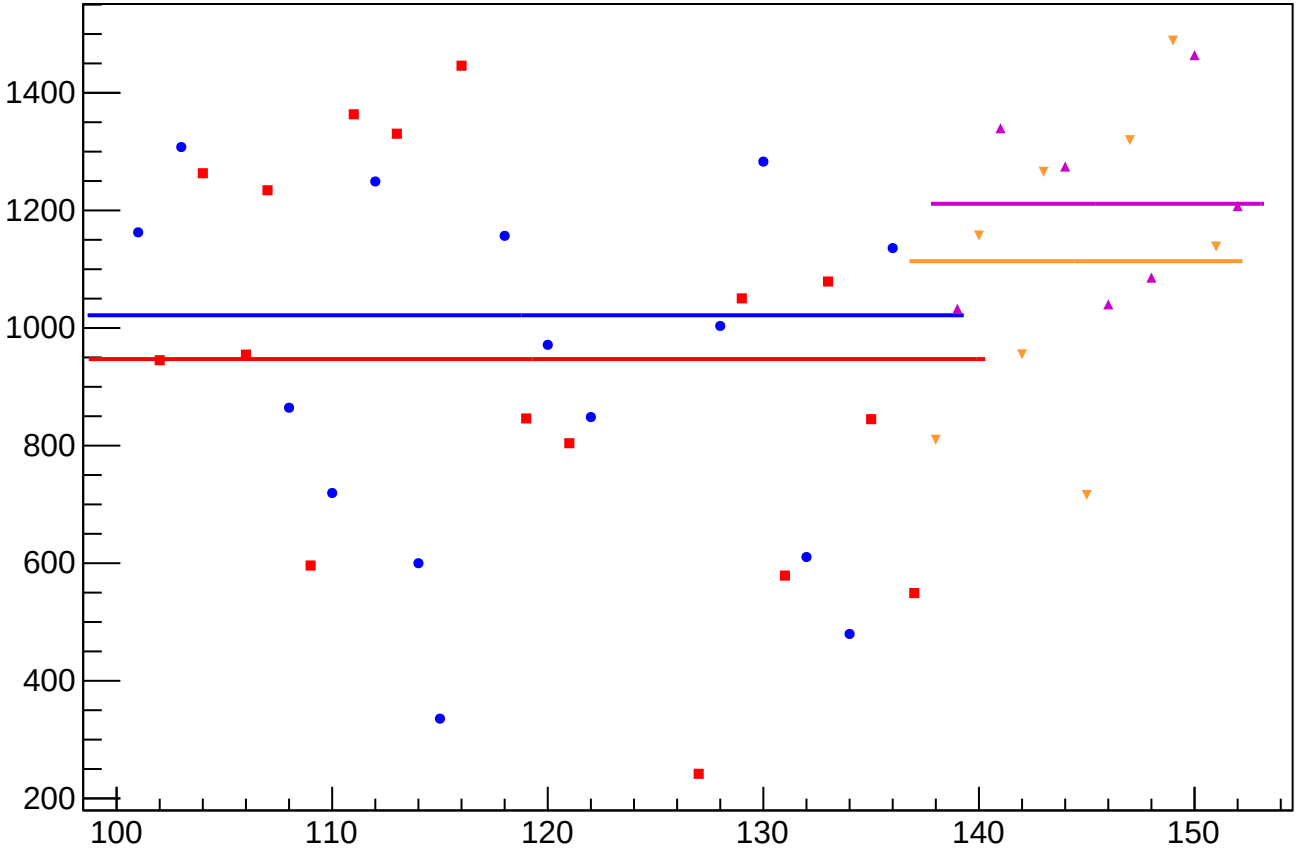
All: 10.078+/-0.000 χ^2/NDF: 35259620538 21

Right Out: 10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

- sign 9.995+/-0.000 χ^2/NDF: 16423463326849732

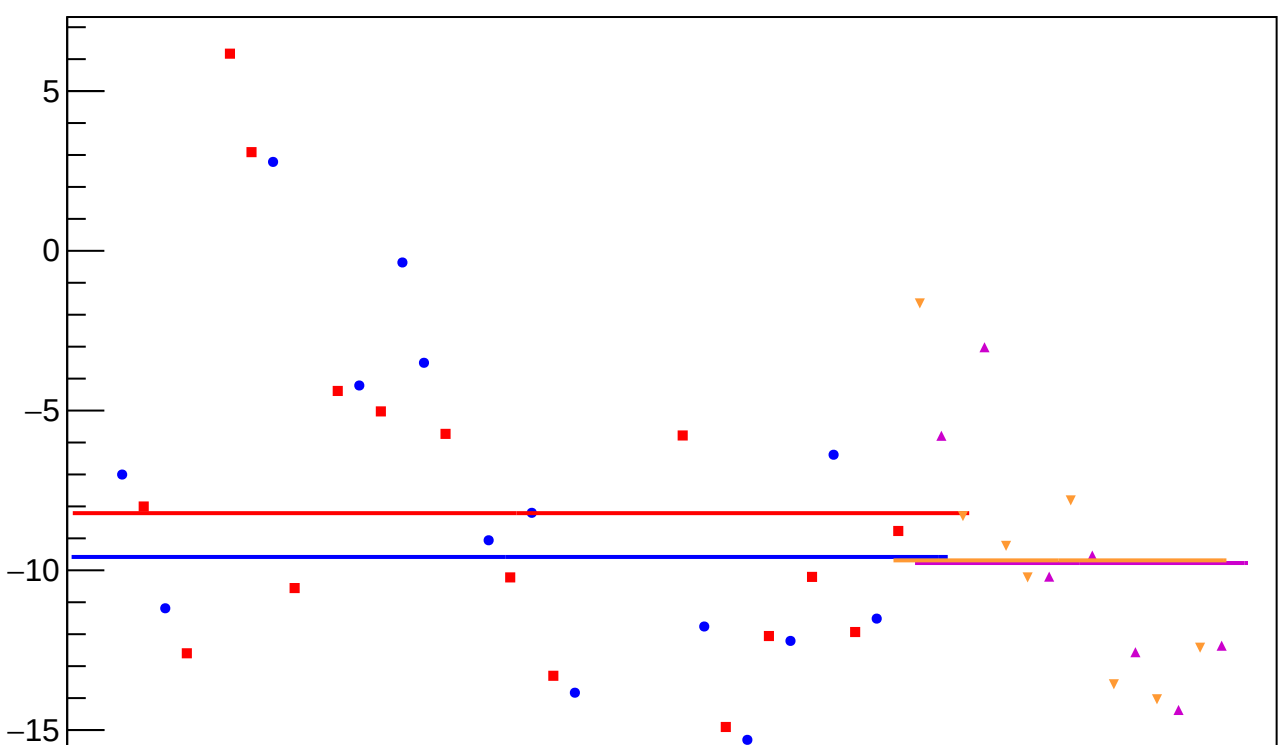
Left In: 9.180+/-0.000 χ^2/NDF:8994920202150632758843665285120 00.0/6

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5
Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7
All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15
- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485
Left Out: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

dit_4aY_coil7_mean vs Slug



Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Left Out: -9.689+/-0.000 χ^2/NDF:8853883990764084924095167268388864.0/7

Right Out: -8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

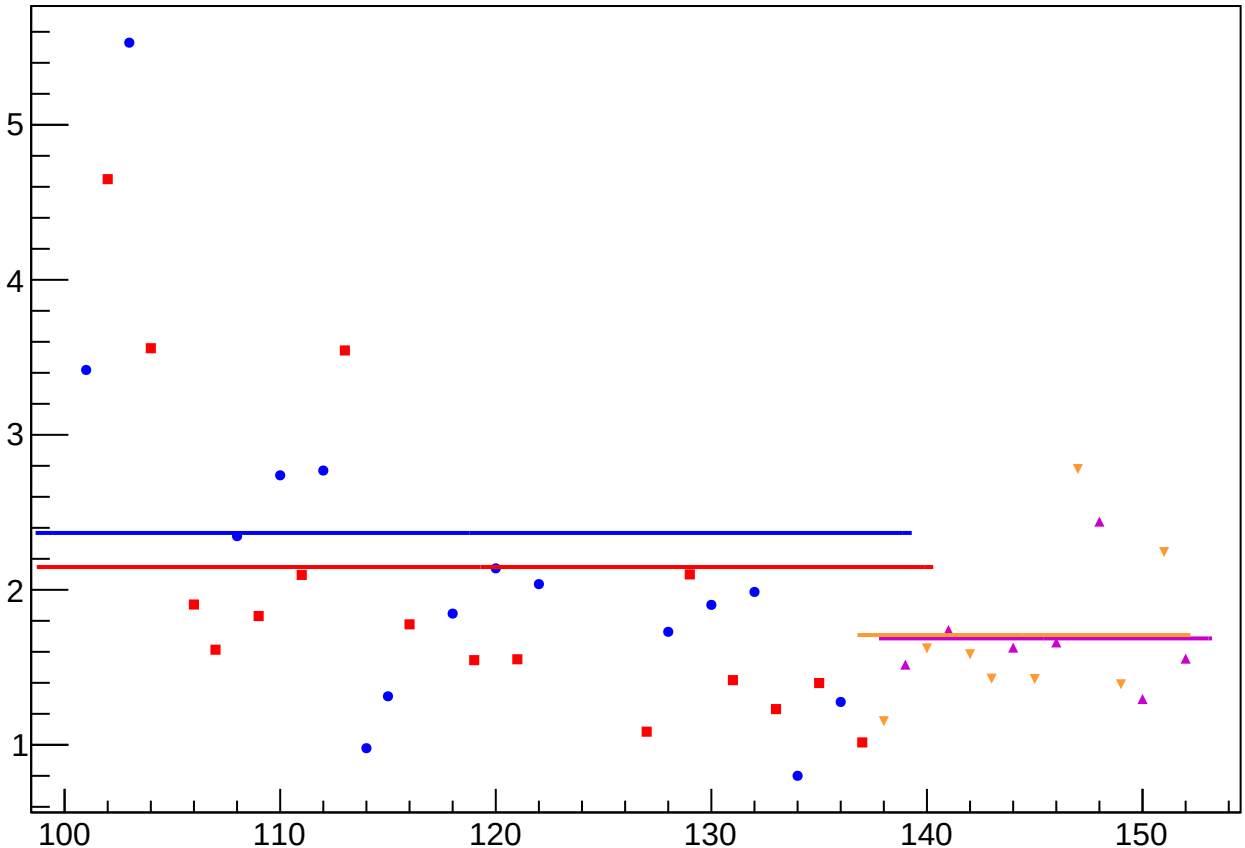
Left In: -9.772+/-0.000 χ^2/NDF:8345848328246376065259069625073664.0/6

+ sign -9.633+/-0.000 χ^2/NDF: 2356011836583887

All: -9.288+/-0.000 χ^2/NDF: 5127221829558

- sign -8.950+/-0.000 χ^2/NDF: 2741958363233779 8

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000 χ^2/NDF: 920633294546152876922066767446016.0/14

Left Out: 1.708+/-0.000 χ^2/NDF:157260513147707339976165218582528.0/7

Right Out: 2.147+/-0.000 χ^2/NDF: 764171992480224478656127555338240.0/15

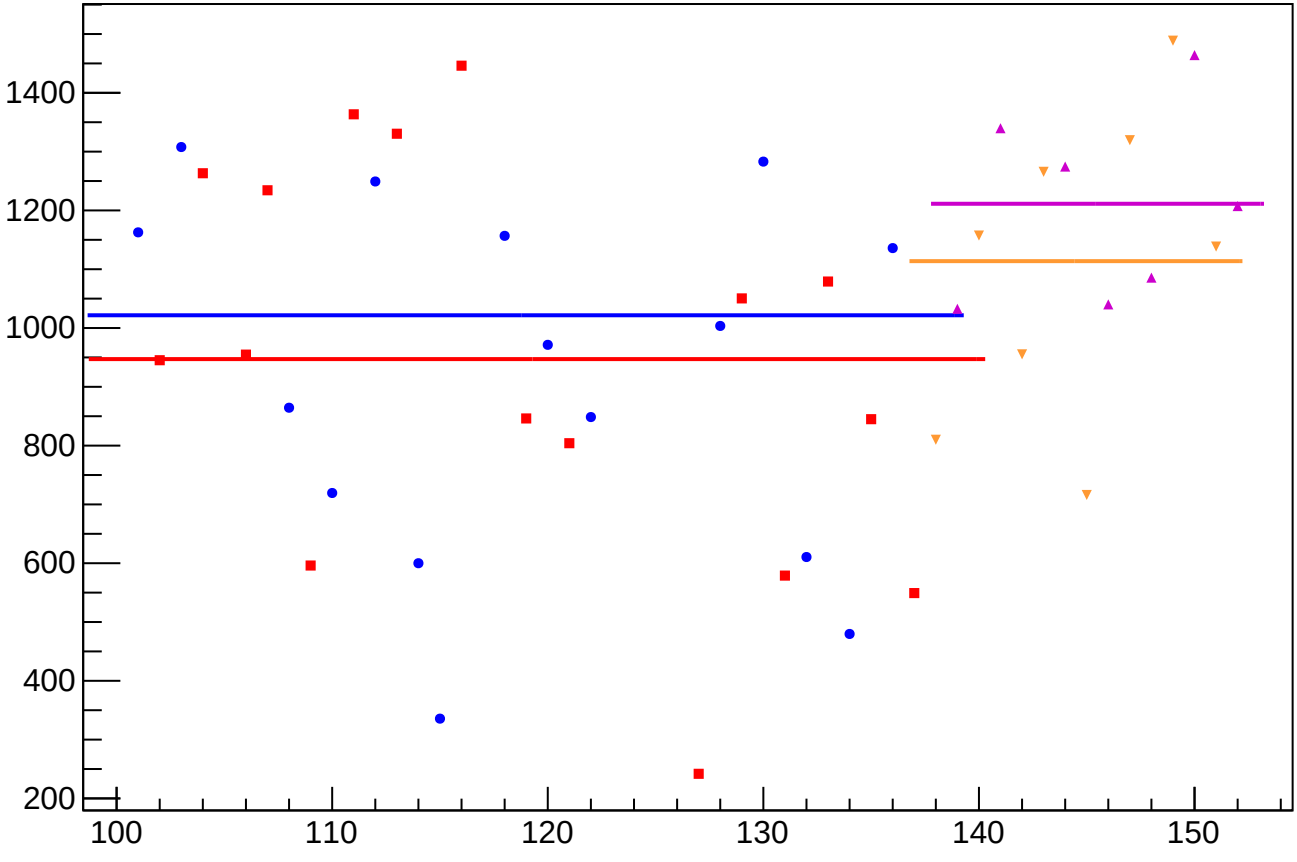
Left In: 1.687+/-0.000 χ^2/NDF:660374602815839277640507719680 00.0/6

+ sign 2.053+/-0.000 χ^2/NDF: 1212314753068638

All: 1.990+/-0.000 χ^2/NDF: 2119110363551

- sign 1.929+/-0.000 χ^2/NDF: 89722495879176062

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7

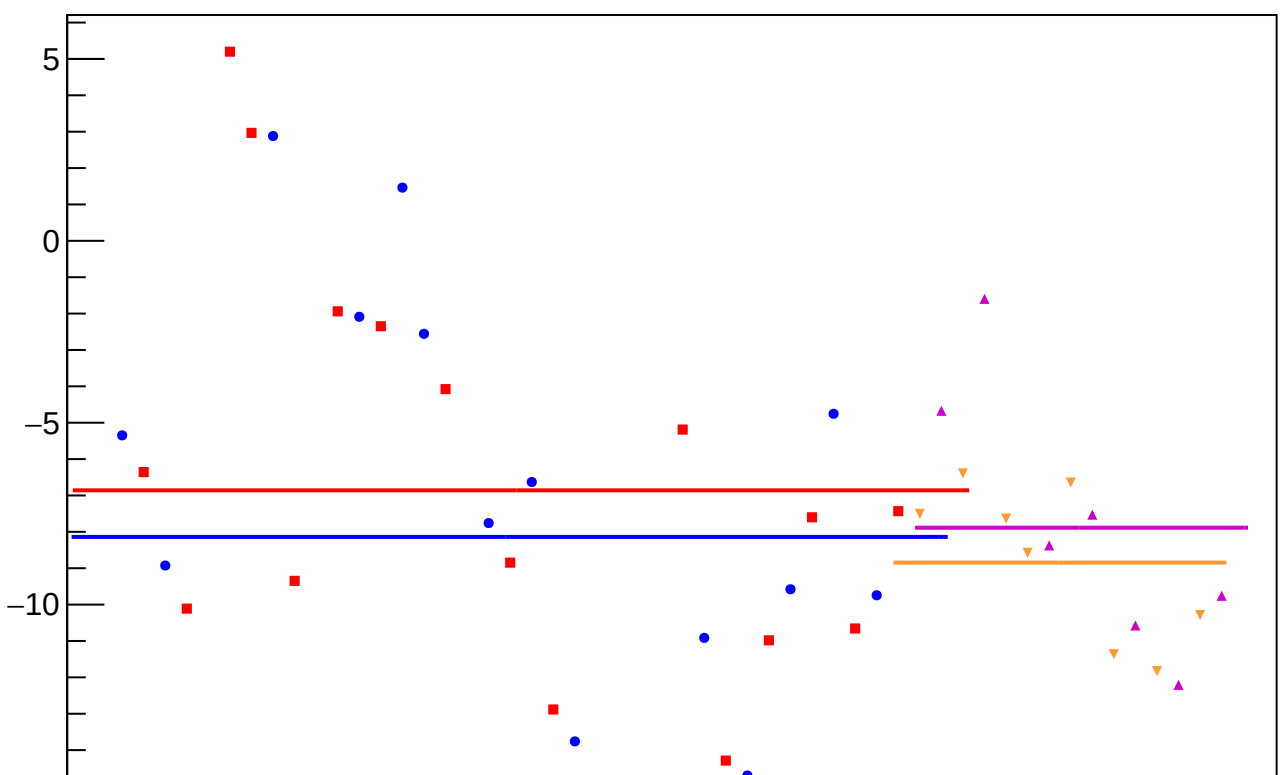
All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

Left In: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

dit_4eY_coil7_mean vs Slug



Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

+ sign -8.476+/-0.000 χ^2/NDF: 1733226526220651

Left Out: -8.846+/-0.000 χ^2/NDF:2500915542860986795148050155175936.0/7

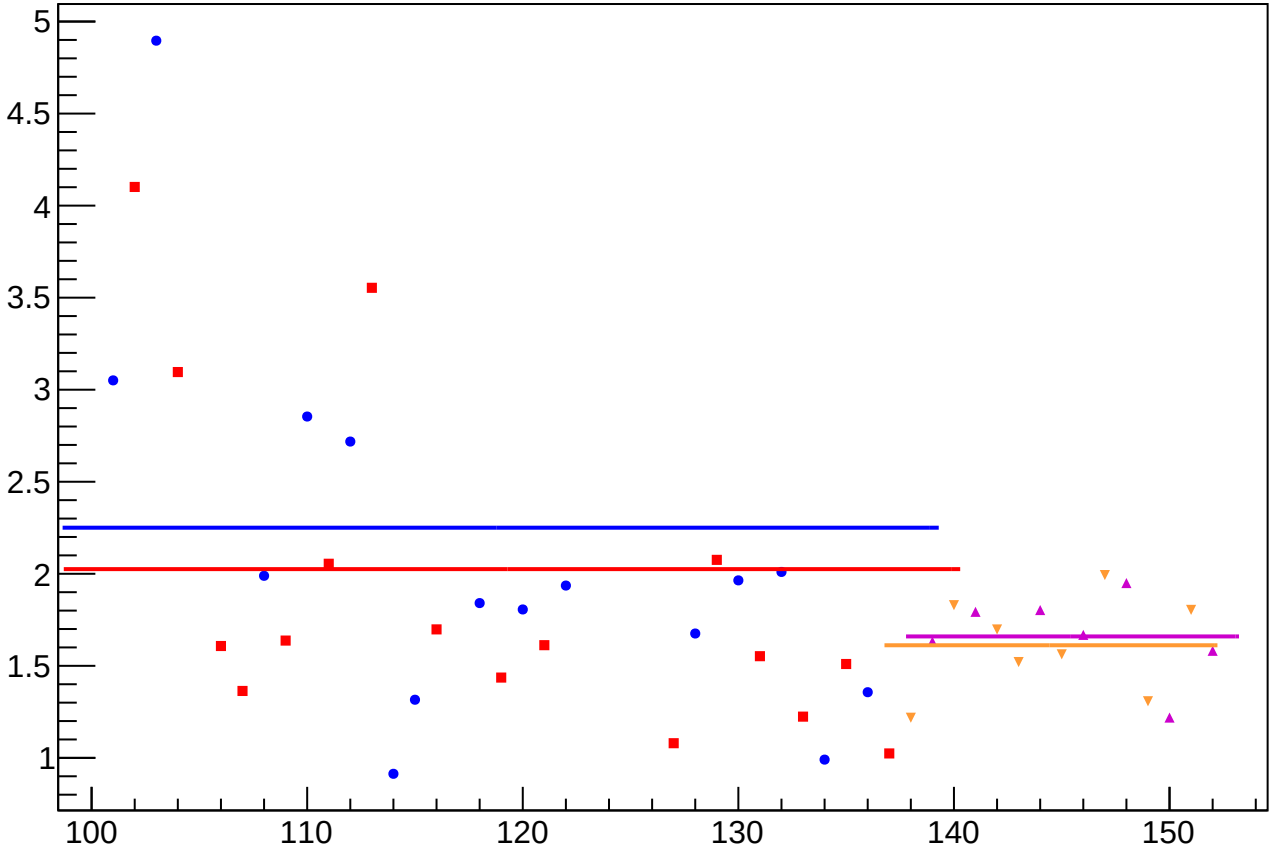
All: -7.905+/-0.000 χ^2/NDF: 4179446929052

Right Out: -6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15

- sign -7.345+/-0.000 χ^2/NDF: 2365990898177686 8

Left In: -7.886+/-0.000 χ^2/NDF:6842664197540595954155671766695936.0/6

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

+ sign 1.945+/-0.000 χ^2/NDF: 8222055293378204 3

Left Out: 1.612+/-0.000 χ^2/NDF:39030215072574265738916245012480.0/7

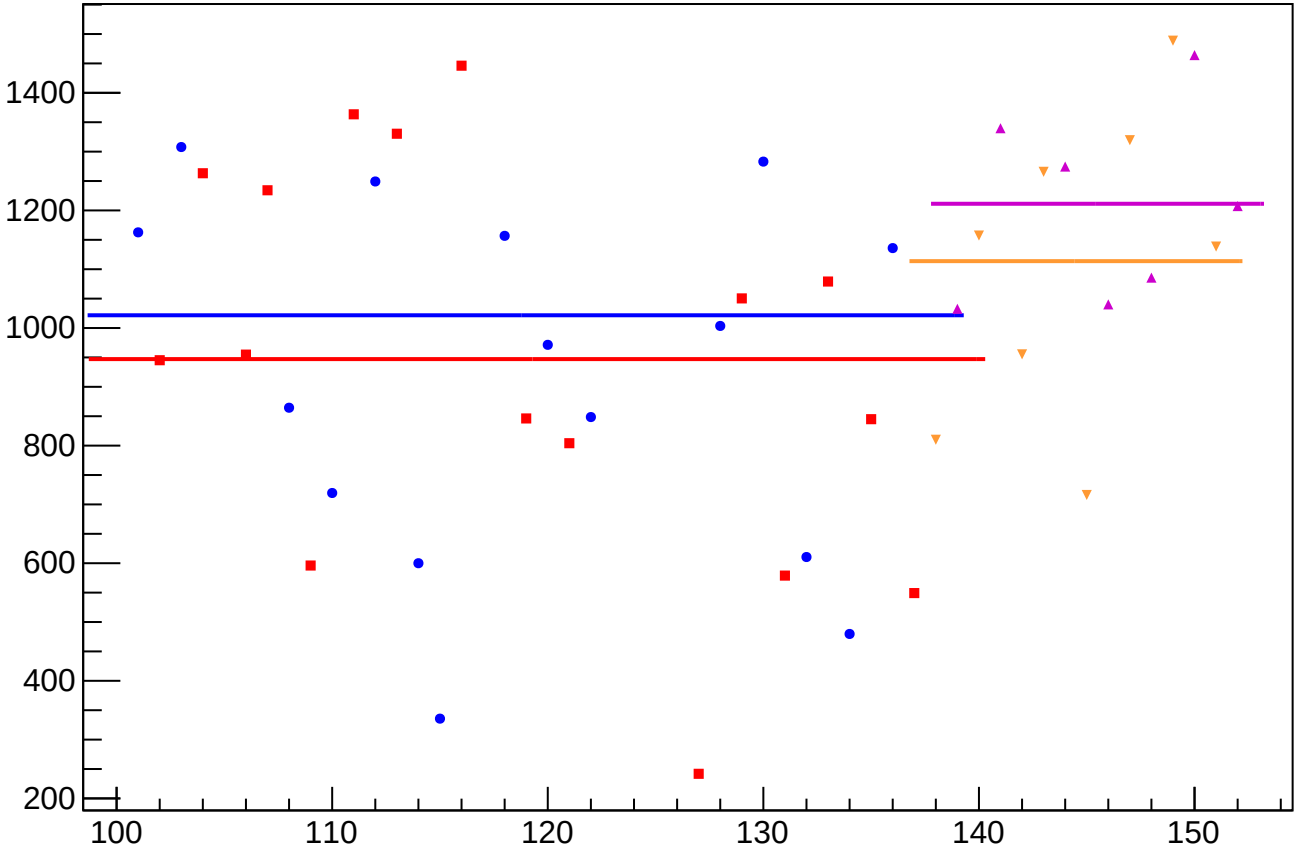
All: 1.898+/-0.000 χ^2/NDF: 1477293581963 0

Right Out: 2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

- sign 1.852+/-0.000 χ^2/NDF: 6496344093235645 2

Left In: 1.660+/-0.000 χ^2/NDF:2868812781371629099339067529 6256.0/6

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7

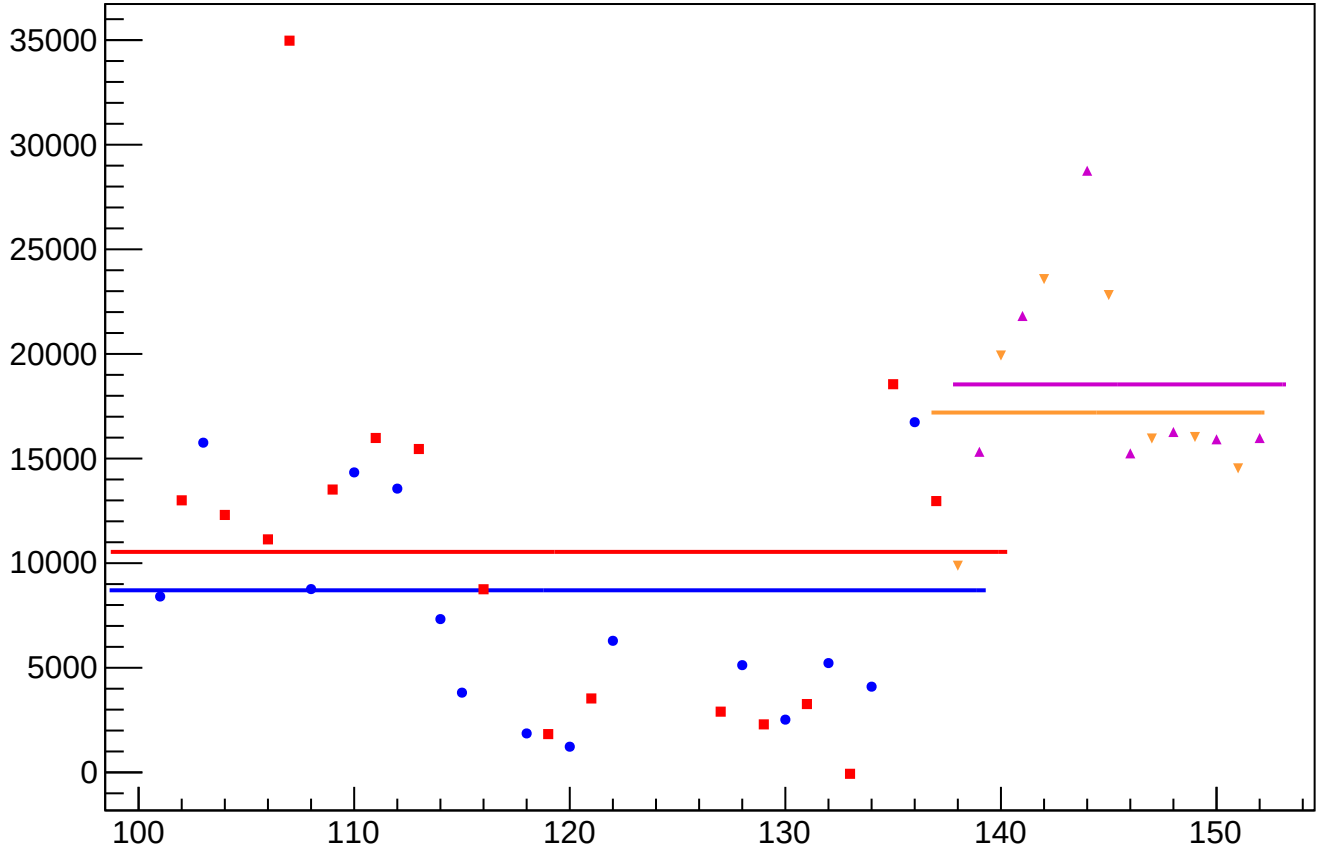
All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

Left Out: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF: 1950113306730842685953630450081919192268 8.0/14

+ sign 12506.667+/-0.000 χ^2/NDF: 5046949535629

Left Out: 17199.374+/-0.000 χ^2/NDF:999703850478436508627835012257452916736 0.0/6

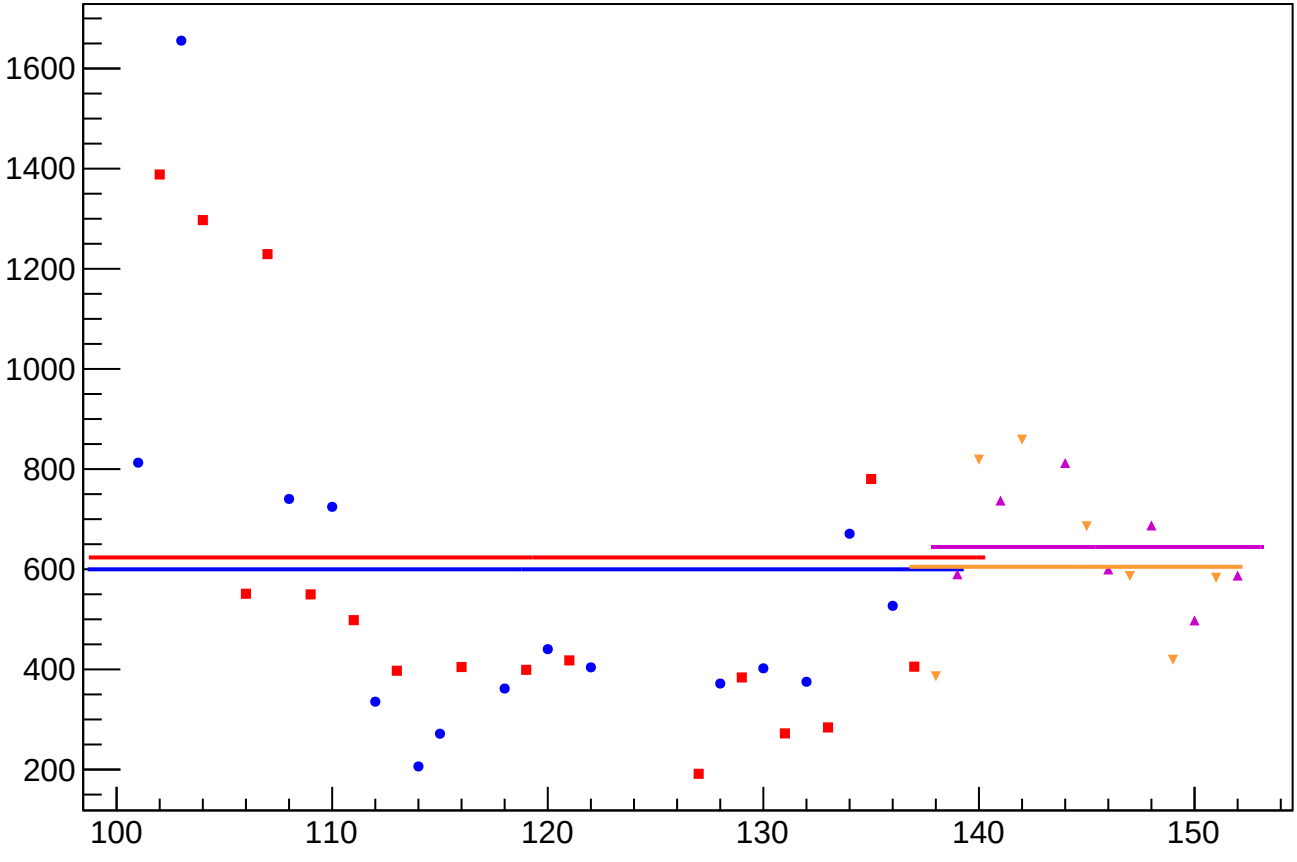
All: 13452.619+/-0.000 χ^2/NDF: 1325264903

Right Out: 10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

- sign 14329.882+/-0.000 χ^2/NDF: 8003050294283

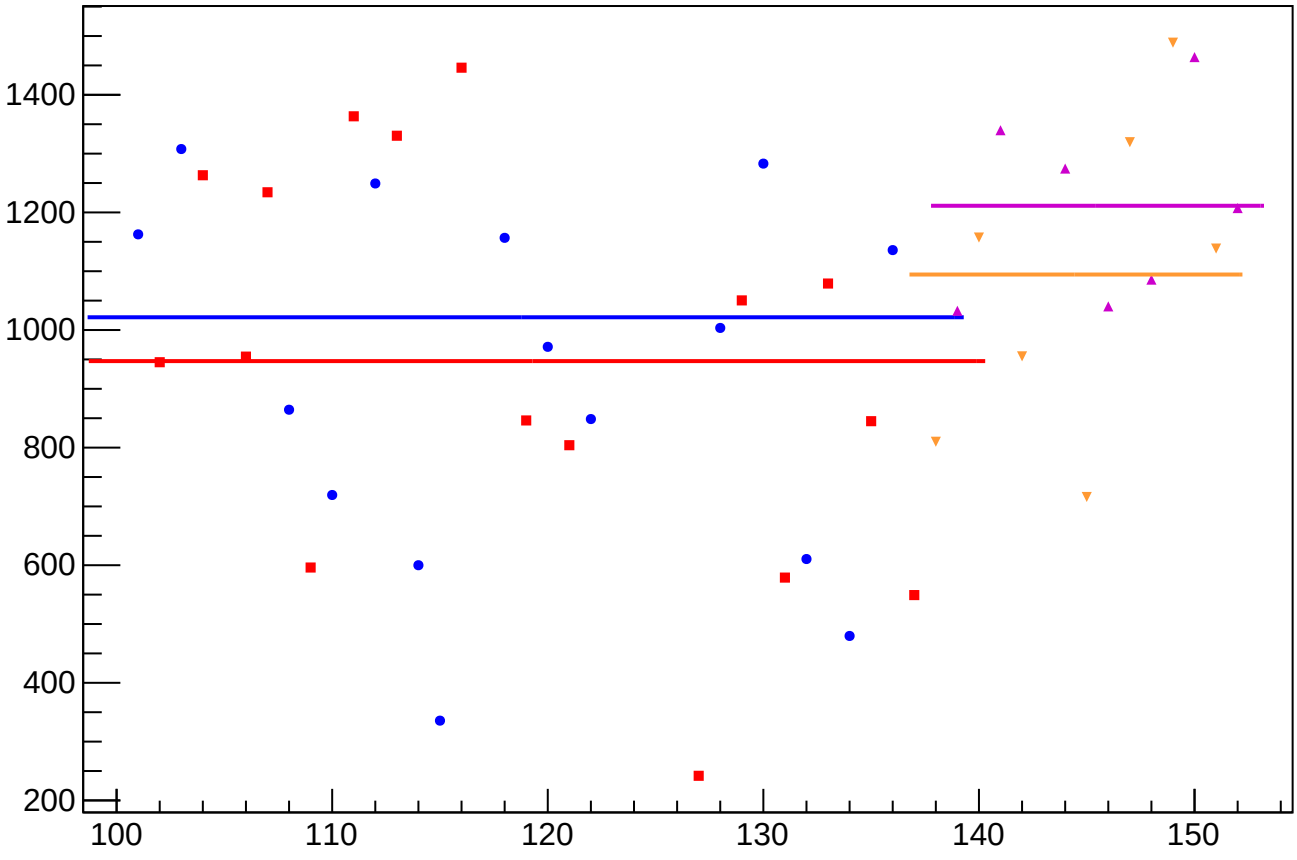
Left In: 18543.717+/-0.000 χ^2/NDF:135663164277706639107979898801650820710 40.0/6

dit_usl_coil7_err_mean vs Slug



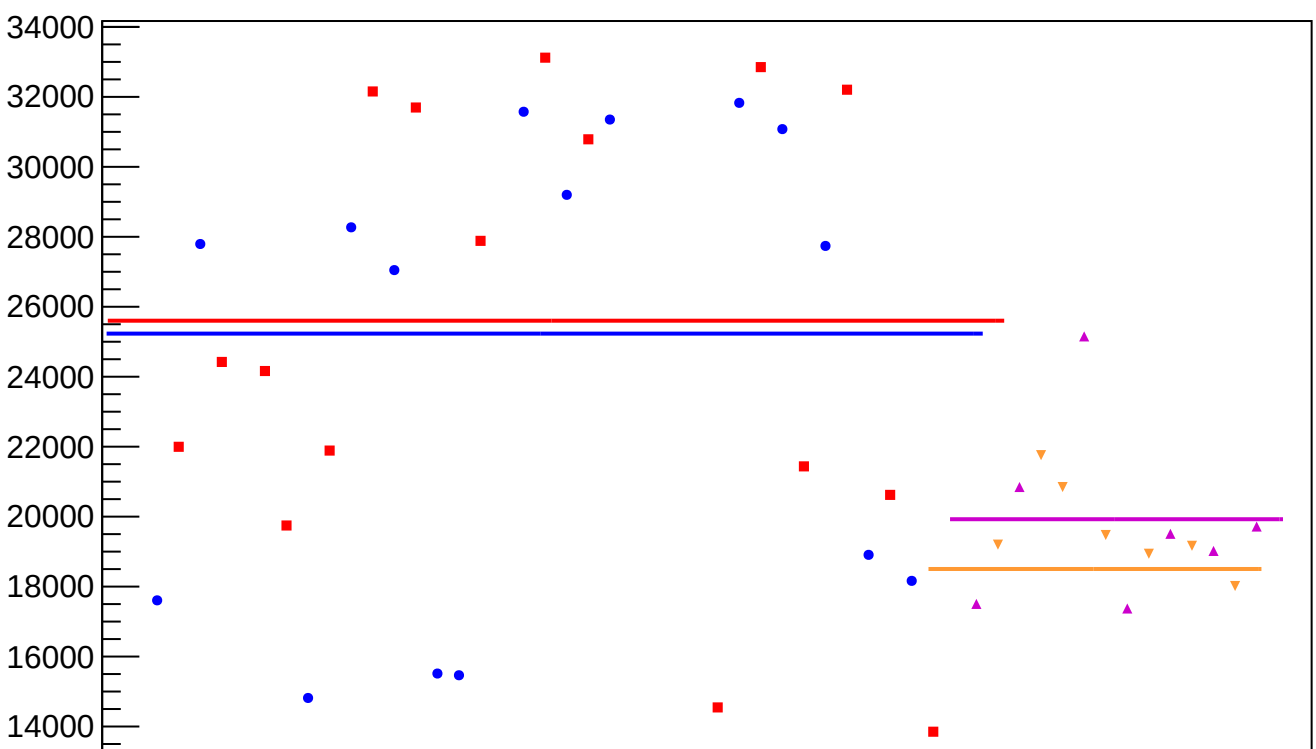
Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14
+ sign 602.093+/-0.000 χ^2/NDF: 10320852224190 9
Left Out: 604.862+/-0.000 χ^2/NDF:1394225999755051860484972833176289280 0.0/6
All: 618.375+/-0.000 χ^2/NDF: 2114327157 57
Right Out: 623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15
- sign 633.474+/-0.000 χ^2/NDF: 107623862769770
Left Out: 644.485+/-0.000 χ^2/NDF:6036830192828769664216800731464728576.0/6

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1054.232+/-0.000 χ^2/NDF: 7830936433467 4
Left Out: 1094.392+/-0.000 χ^2/NDF:362804048624679067435831335526701465 60.0/6
All: 1063.581+/-0.000 χ^2/NDF: 1822549596 1
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15
- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485
Left Out: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Left Out: 18503.567+/-0.000 χ^2/NDF:4177630503948041296608319648918239444992.0/7

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

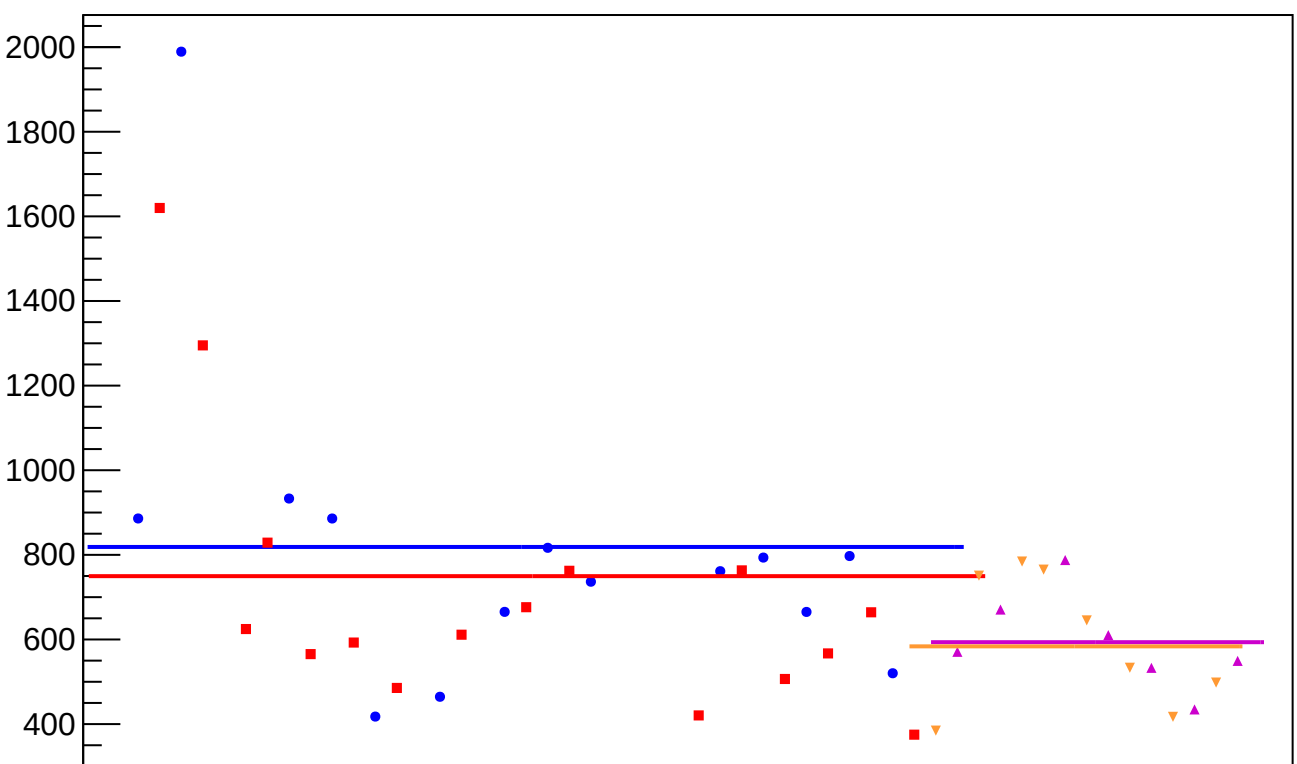
Left In: 19926.031+/-0.000 χ^2/NDF:3611623525531522297290525080171671715840.0/6

+ sign 22019.591+/-0.000 χ^2/NDF: 4274148689735

All: 22471.134+/-0.000 χ^2/NDF: 8138822613

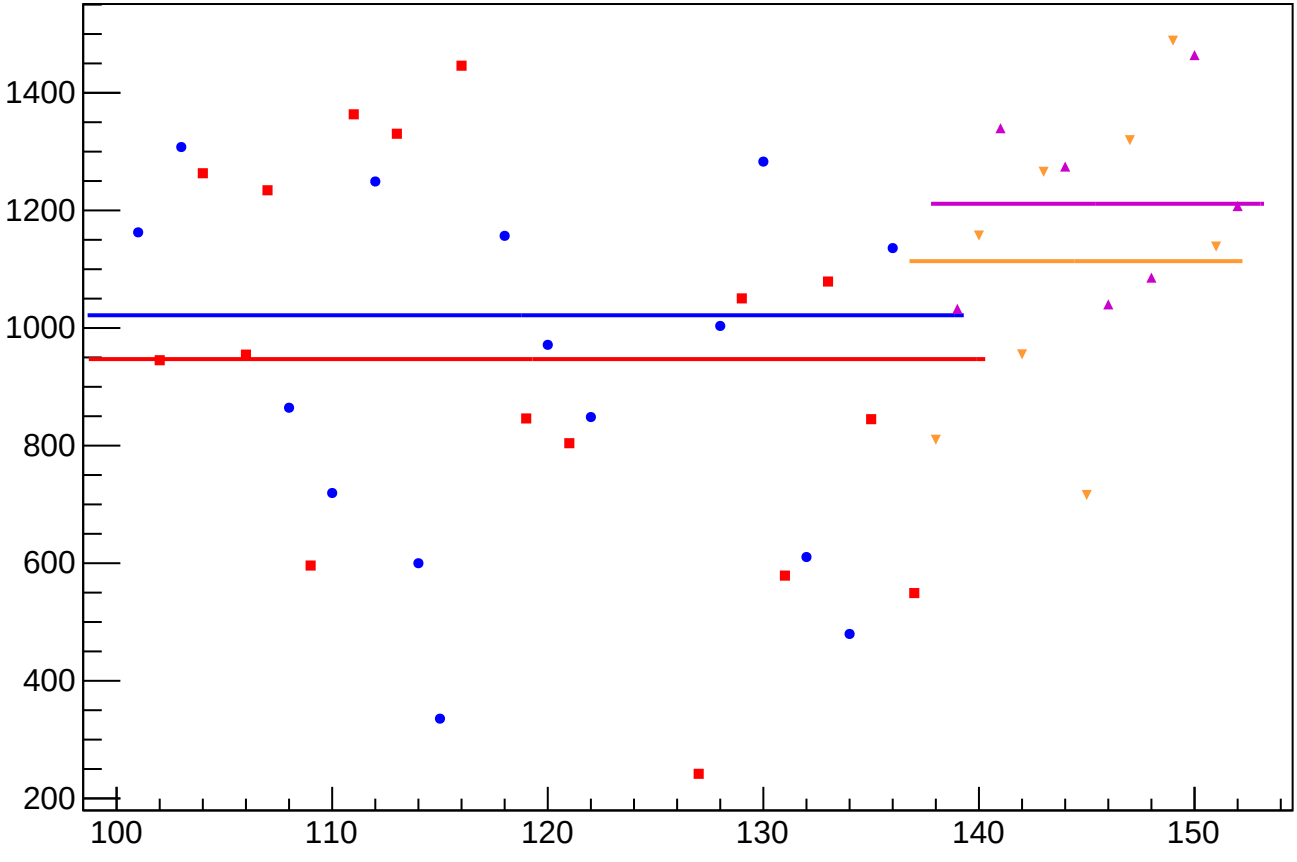
- sign 22913.768+/-0.000 χ^2/NDF: 3814526930910

dit_usr_coil7_err_mean vs Slug



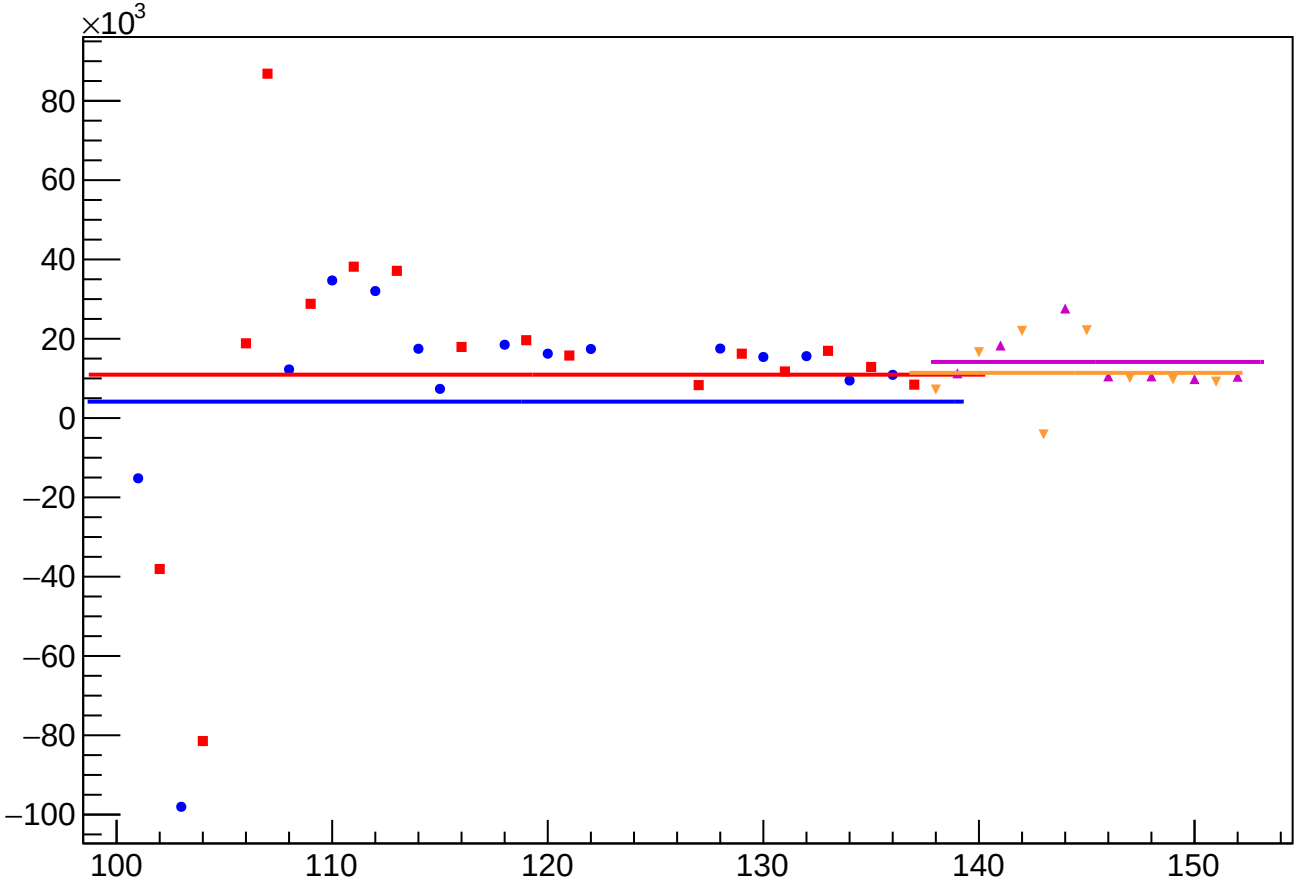
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
+ sign 706.492+/-0.000 χ^2/NDF: 135545776836230
Left Out: 583.722+/-0.000 χ^2/NDF:1283459030719548071260229716959402393 6.0/7
All: 690.965+/-0.000 χ^2/NDF: 228509369142
Right Out: 749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915020 8.0/15
- sign 675.744+/-0.000 χ^2/NDF: 923706480357933
Left In: 593.573+/-0.000 χ^2/NDF:6702340826118449032852812596844167168.0/6

dit_usr_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5
Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7
All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15
- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485
Left Out: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

dit_atl1_coil7_mean vs Slug



Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

+ sign 7609.722+/-0.000 χ^2/NDF: 8149922880119 2

Left Out: 11401.343+/-0.000 χ^2/NDF:3498350380915179649975852283450240270336 0.0/7

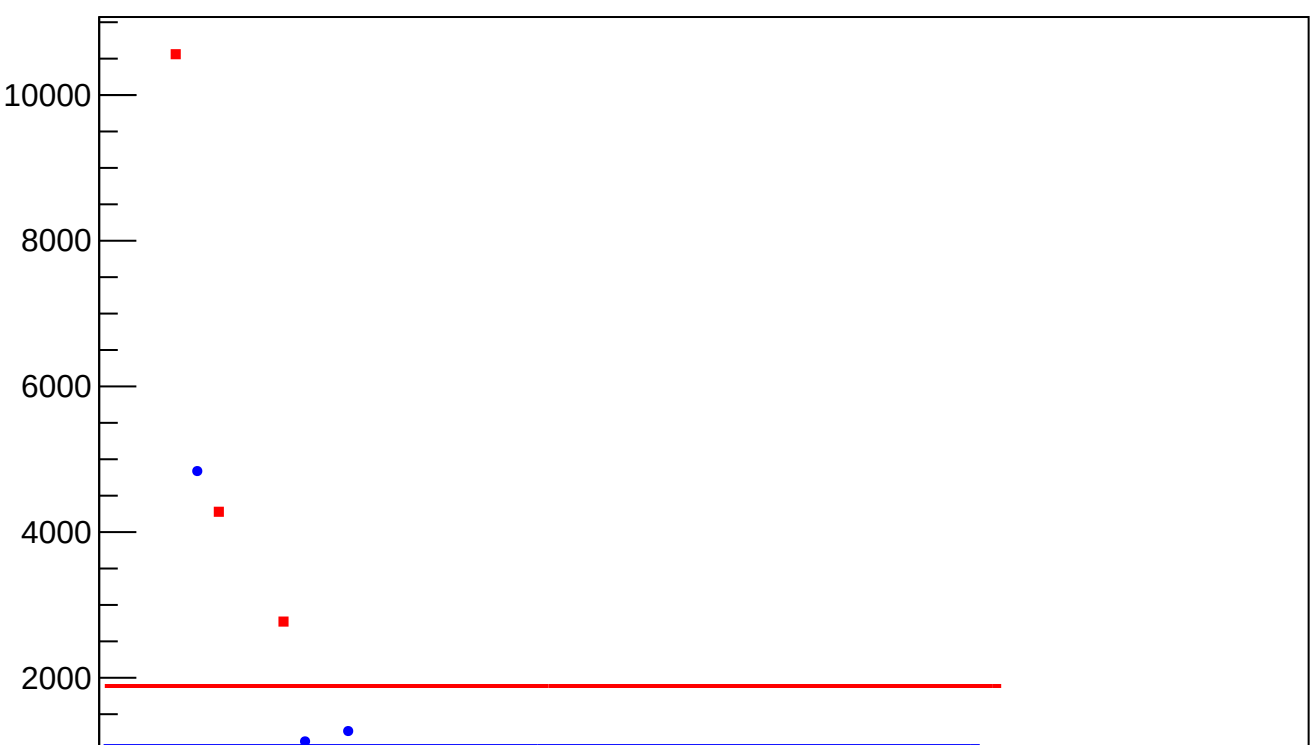
All: 10062.548+/-0.000 χ^2/NDF: 1730377017

Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

- sign 12466.975+/-0.000 χ^2/NDF: 9005875471518

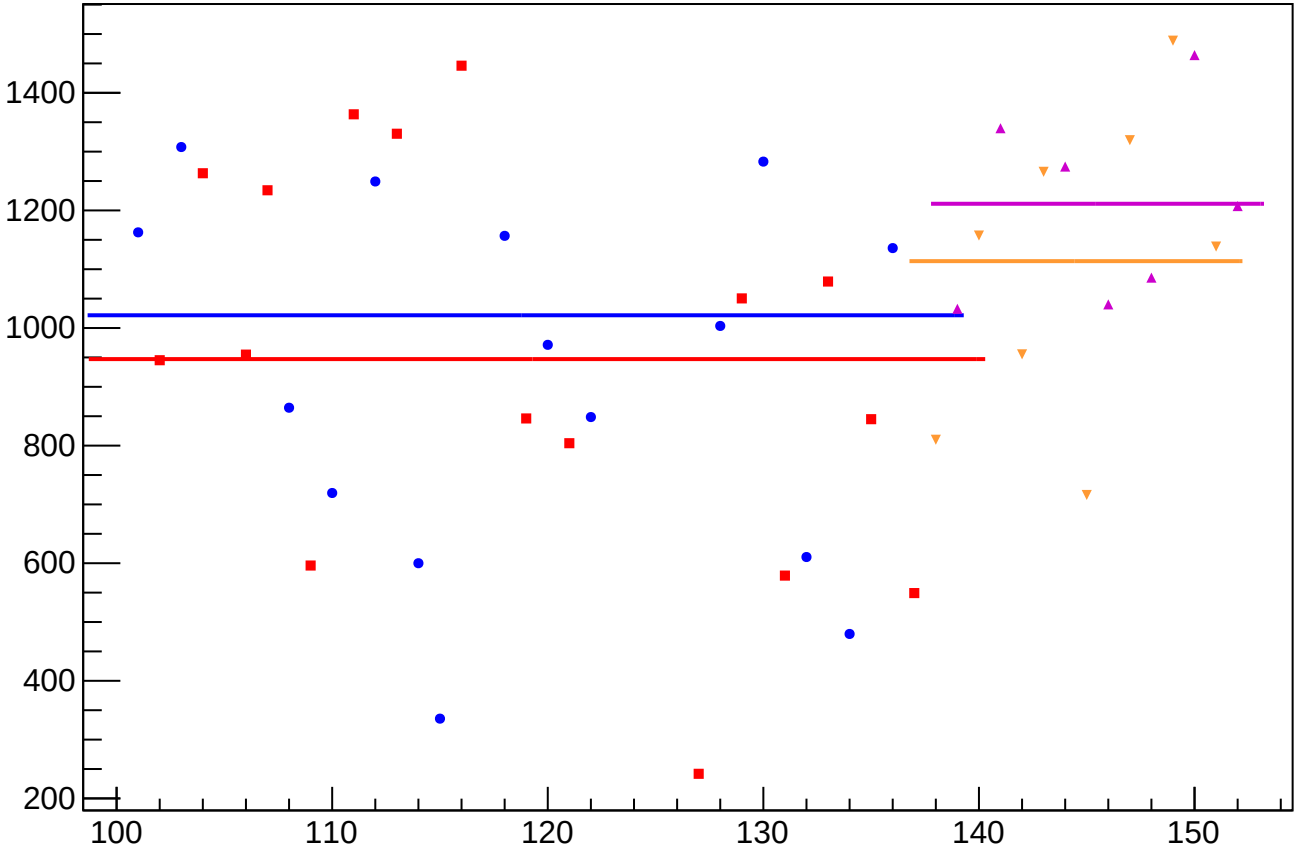
Left In: 14155.488+/-0.000 χ^2/NDF:2338842225965282080237332982033262890188 8.0/6

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14
+ sign 834.949+/-0.000 χ^2/NDF: 10374072578665
Left Out: 586.302+/-0.000 χ^2/NDF:1443991930761092062214119070031780249 6.0/7
All: 1060.251+/-0.000 χ^2/NDF: 7215116198
Right Out: 1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828352 0.0/15
- sign 1281.108+/-0.000 χ^2/NDF: 60528623960010
Left In: 607.472+/-0.000 χ^2/NDF:979672288650323663053903828157150003 2.0/6

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

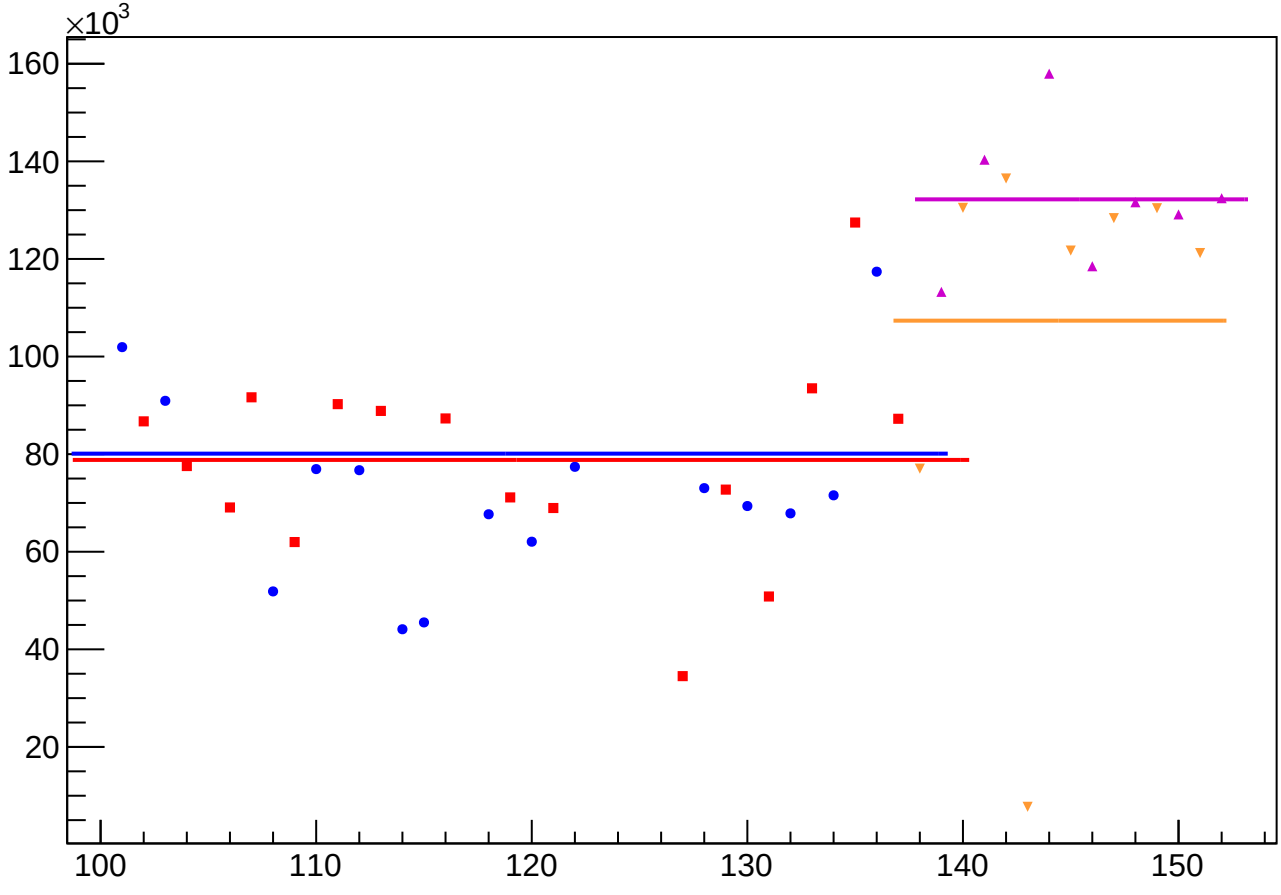
Left In: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

+ sign 93114.285+/-0.000 χ^2/NDF: 1414708915354

Left Out: 107354.834+/-0.000 χ^2/NDF:9300508635519765076622765999966651290746 88.0/7

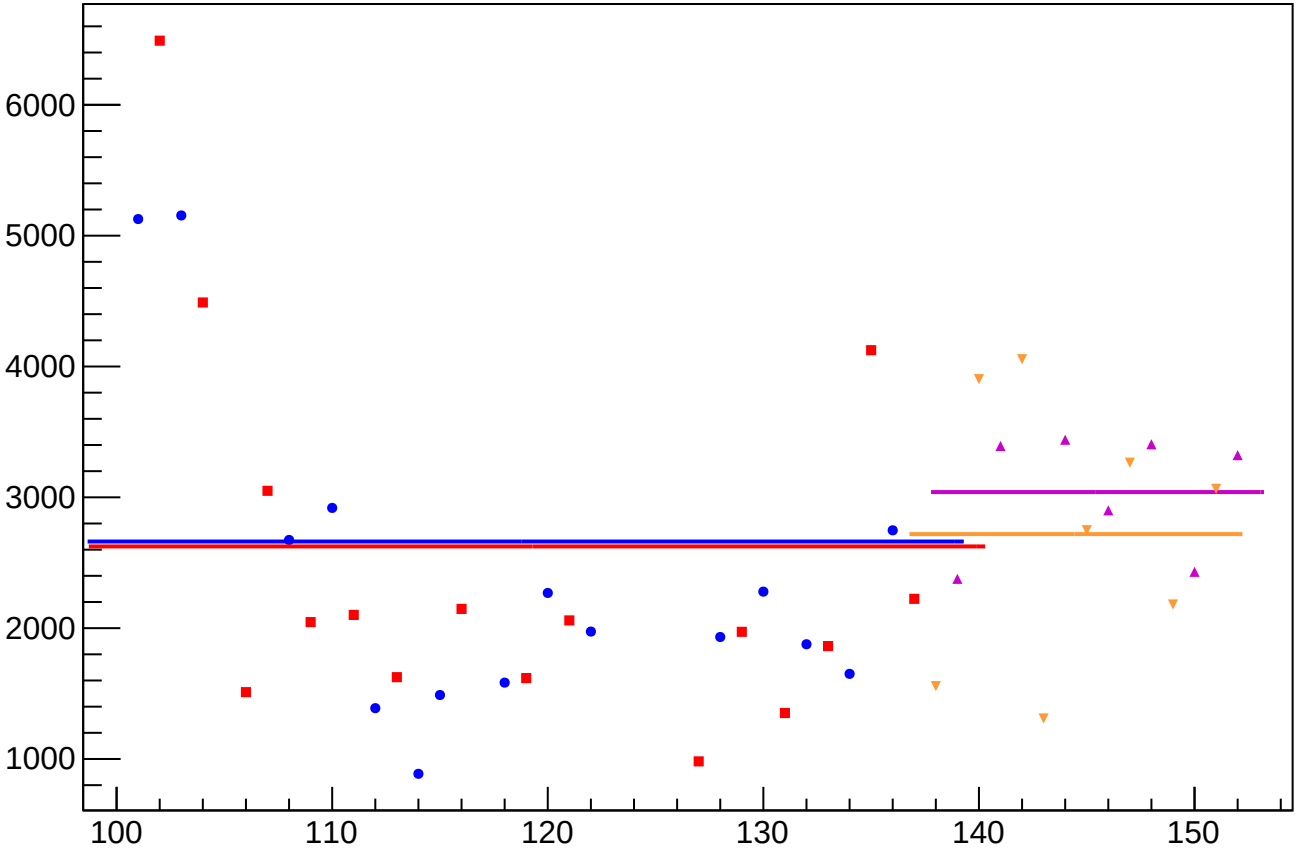
All: 98663.106+/-0.000 χ^2/NDF: 2787356722

Right Out: 78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

- sign 104102.440+/-0.000 χ^2/NDF: 129692144385

Left In: 132212.718+/-0.000 χ^2/NDF:1102437235097256969052968356442837037875 20.0/6

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF: 1031389230165640157864439705583367487488.0/14

+ sign 2689.280+/-0.000 χ^2/NDF: 1524731891253

Left Out: 2718.935+/-0.000 χ^2/NDF:4923446331808807158992756029041839964 16.0/7

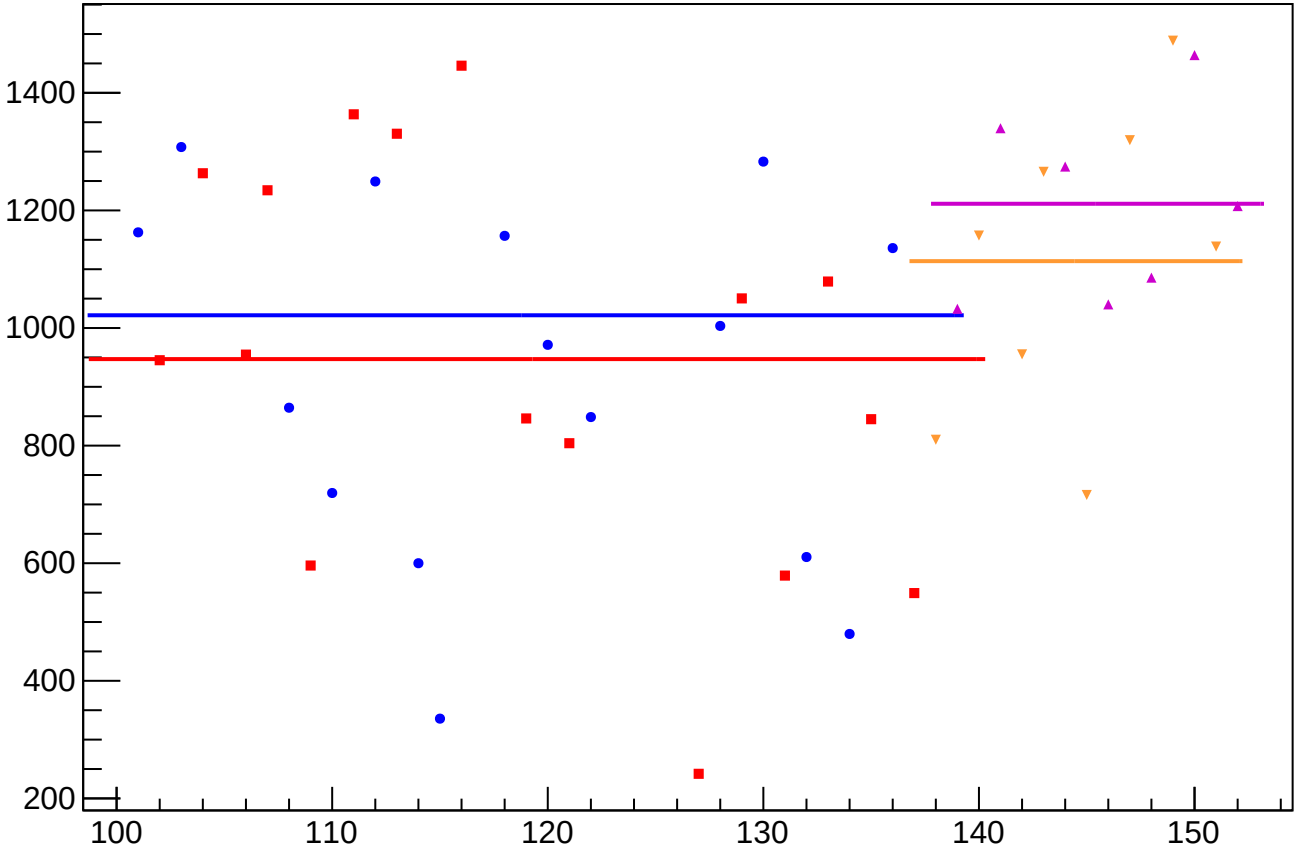
All: 2756.042+/-0.000 χ^2/NDF: 3270957828

Right Out: 2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

- sign 2821.487+/-0.000 χ^2/NDF: 17352635497684

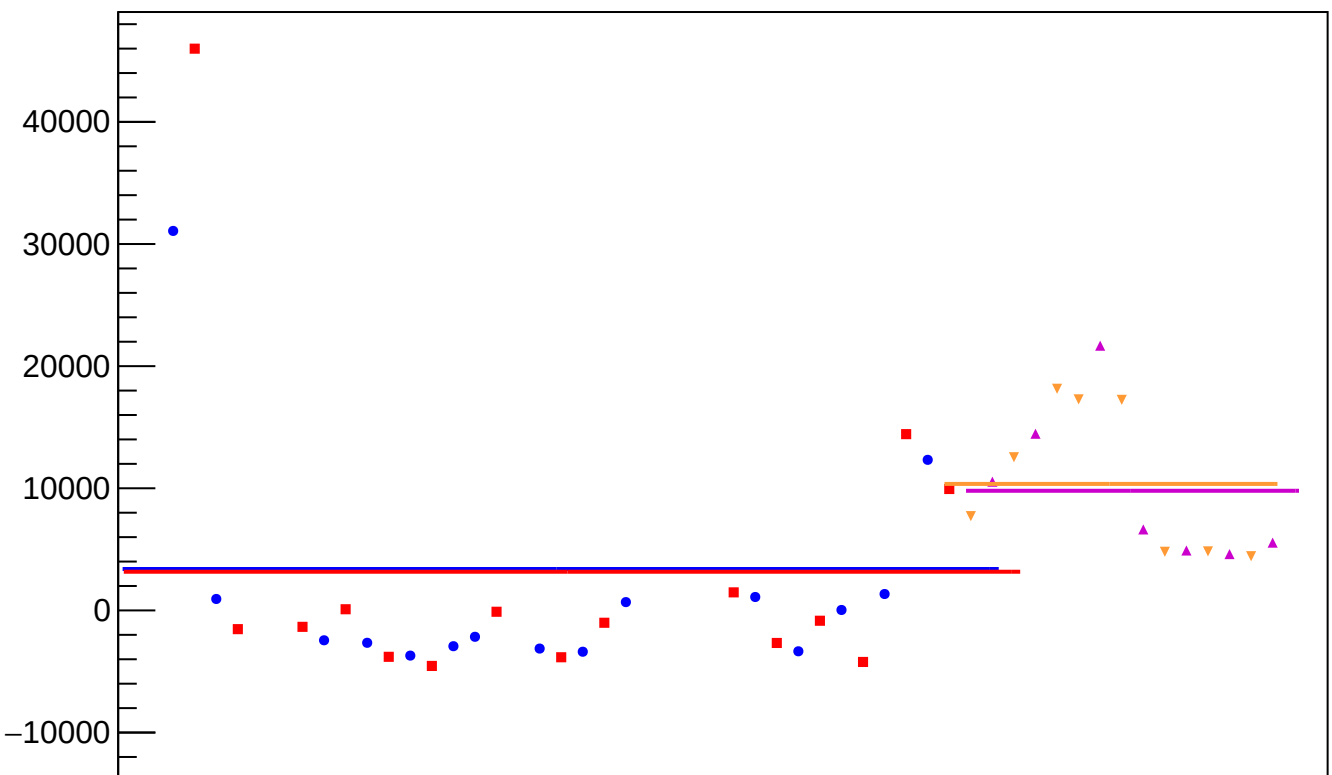
Left In: 3040.252+/-0.000 χ^2/NDF:1140127501720847122764008766831046164 48.0/6

dit_atl2_coil7_Ndata_mean vs Slug



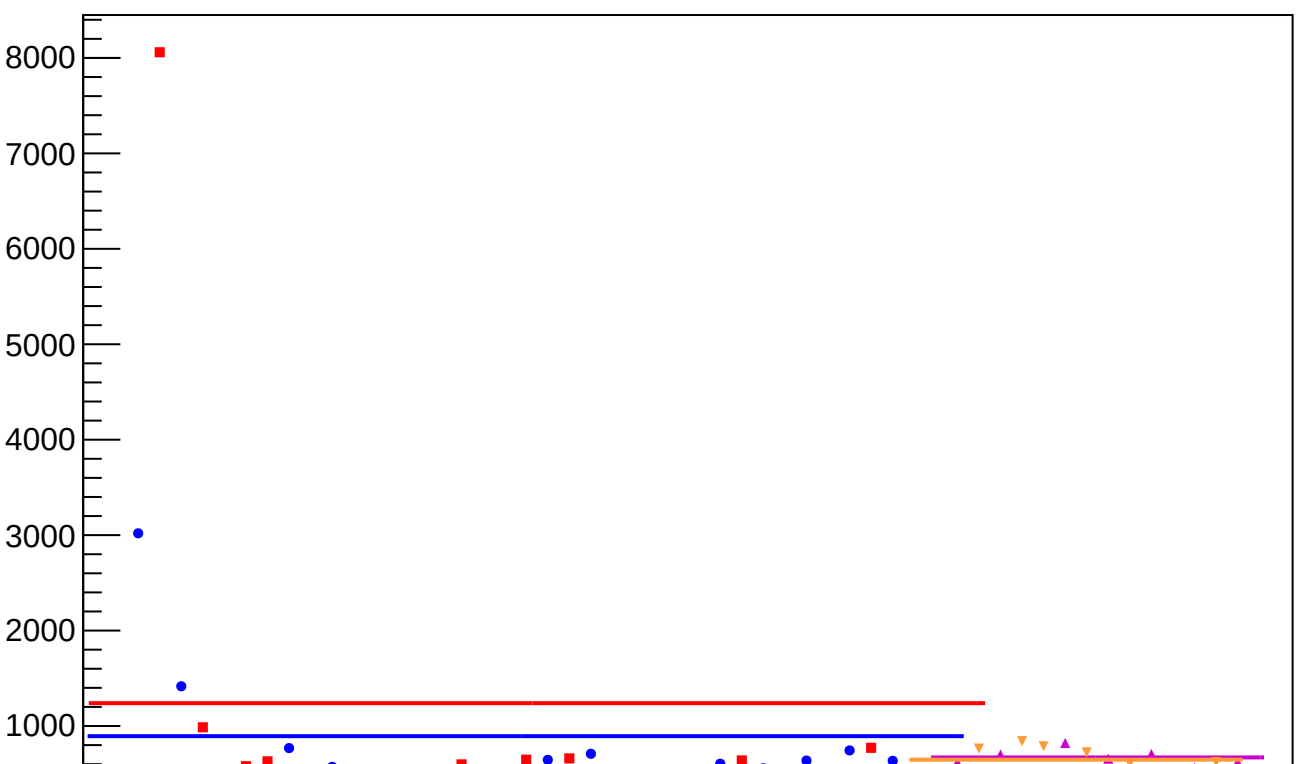
Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5
Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7
All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15
- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485
Left In: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

dit_atr1_coil7_mean vs Slug



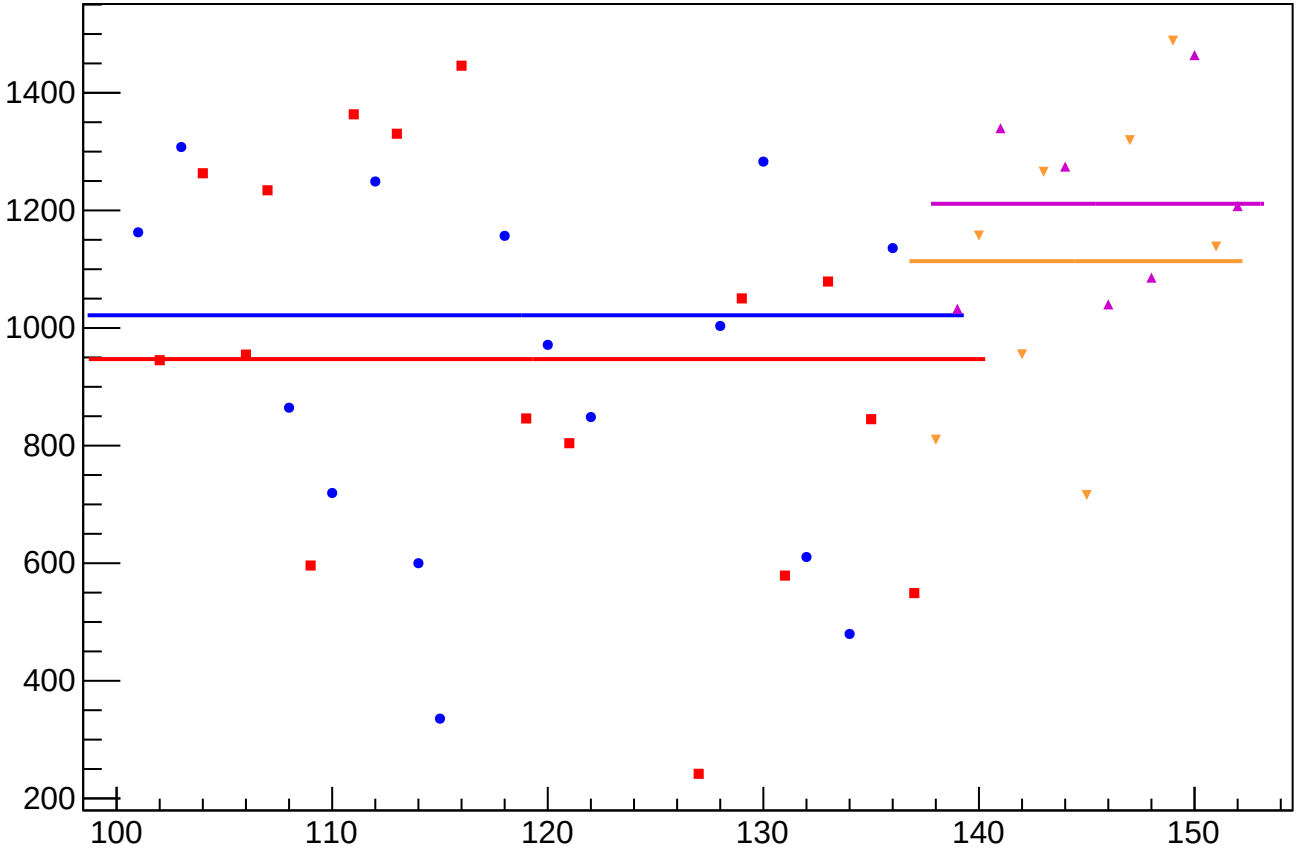
Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14
+ sign 6716.839+/-0.000 χ^2/NDF: 9935772887638 0
Left Out: 10357.246+/-0.000 χ^2/NDF:184463675813070244285252243713891562946 56.0/7
All: 6509.630+/-0.000 χ^2/NDF: 2724087548 1
Right Out: 3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15
- sign 6306.509+/-0.000 χ^2/NDF: 17294542583224
Left In: 9796.156+/-0.000 χ^2/NDF:213123167044118812673960662660640344637 44.0/6

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14
+ sign 776.011+/-0.000 χ^2/NDF: 36378162979894 9
Left Out: 647.228+/-0.000 χ^2/NDF:10376533716683462086739248058715865088.0/7
All: 874.032+/-0.000 χ^2/NDF: 34641749820 2
Right Out: 1239.298+/-0.000 χ^2/NDF: 2970990859486483990408108918937565003776.0/15
- sign 970.118+/-0.000 χ^2/NDF: 307676255511122
Left In: 670.879+/-0.000 χ^2/NDF:3715901691079143394895618933975416832.0/6

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

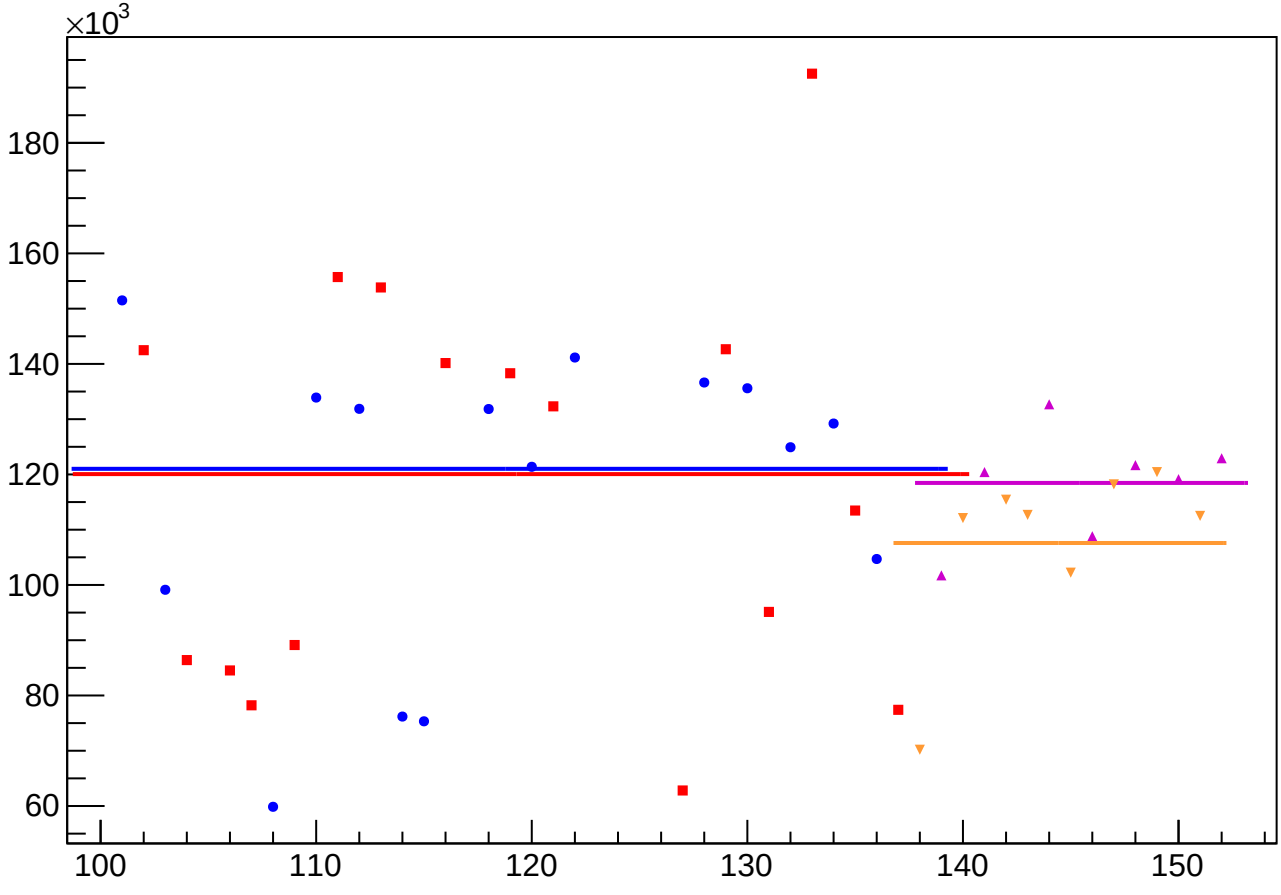
Left In: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

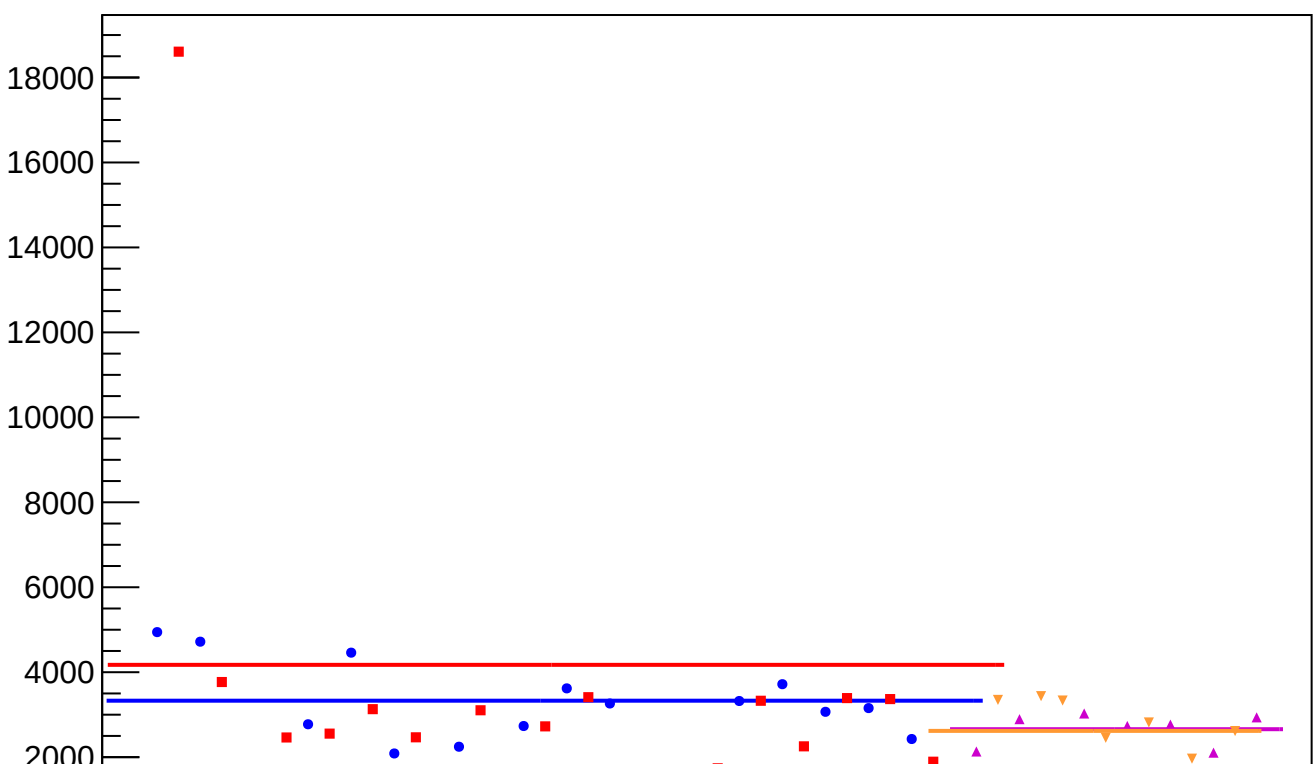
- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

dit_atr2_coil7_mean vs Slug



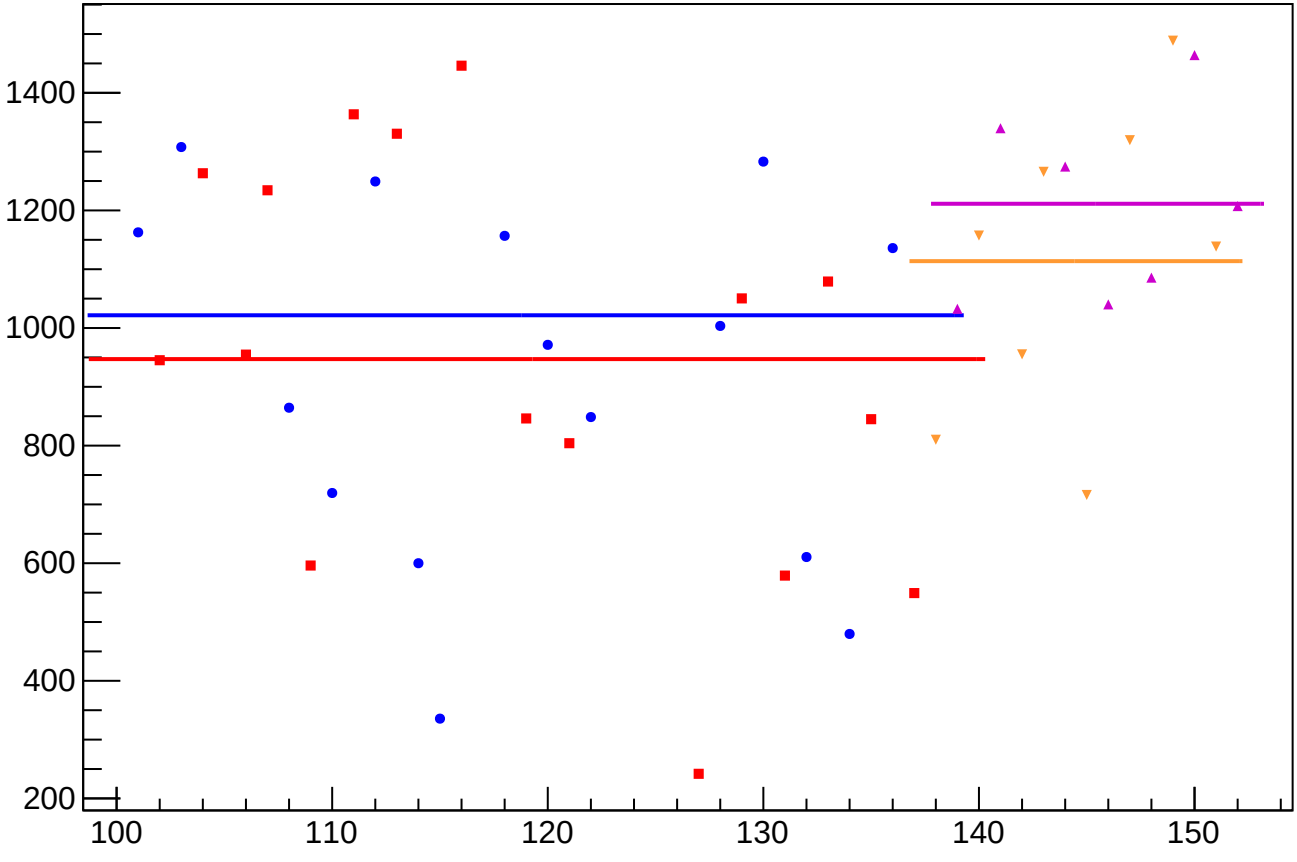
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
+ sign 114608.117+/-0.000 χ^2/NDF: 556711753646
Left Out: 107594.578+/-0.000 χ^2/NDF:1421758133999592249781469473279326887608 32.0/7
All: 116979.634+/-0.000 χ^2/NDF: 1451153 68
Right Out: 120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
- sign 119304.358+/-0.000 χ^2/NDF: 880609509517
Left In: 118463.564+/-0.000 χ^2/NDF:513840141792849396630569893551060822261 76.0/6

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14
+ sign 2990.158+/-0.000 χ^2/NDF: 98250530123802
Left Out: 2618.784+/-0.000 χ^2/NDF:258955759397106491279873294705526571008.0/7
All: 3225.400+/-0.000 χ^2/NDF: 1541706345
Right Out: 4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15
- sign 3456.000+/-0.000 χ^2/NDF: 14298452615793
Left In: 2658.454+/-0.000 χ^2/NDF:752457493752878309471641940803138355 20.0/6

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7

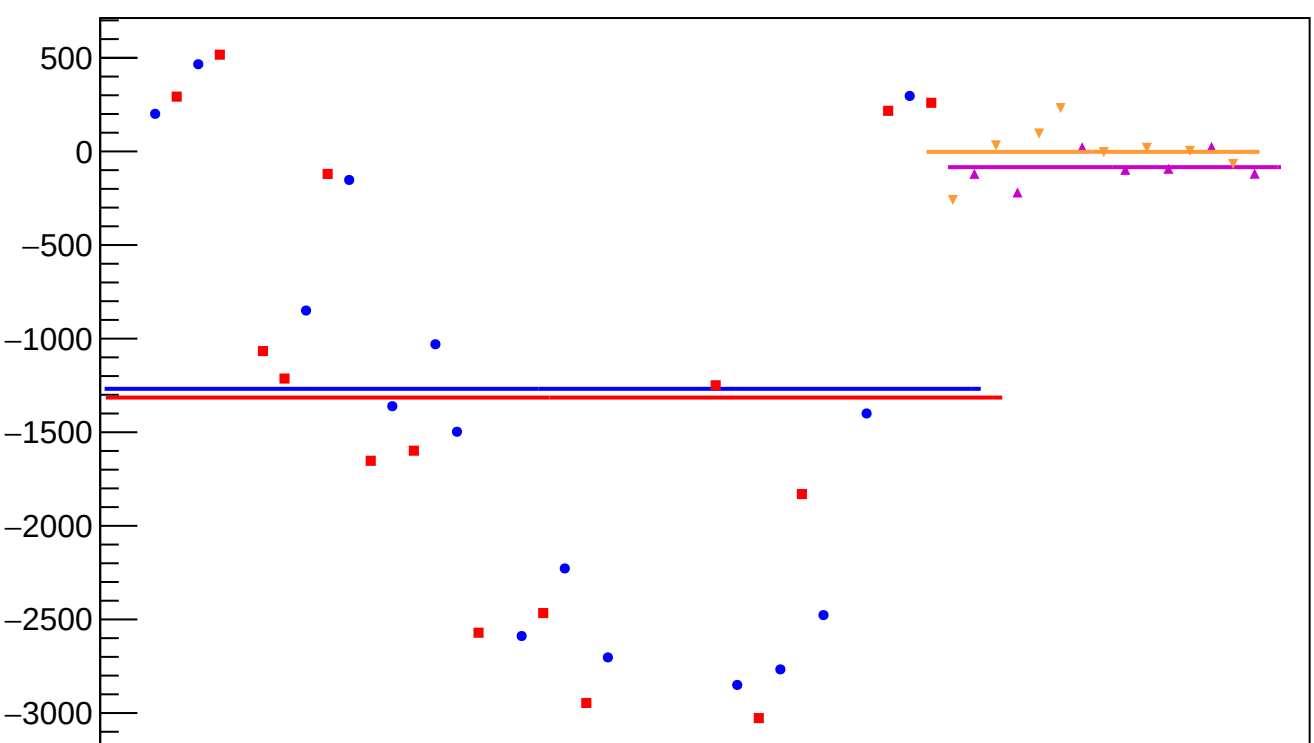
All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

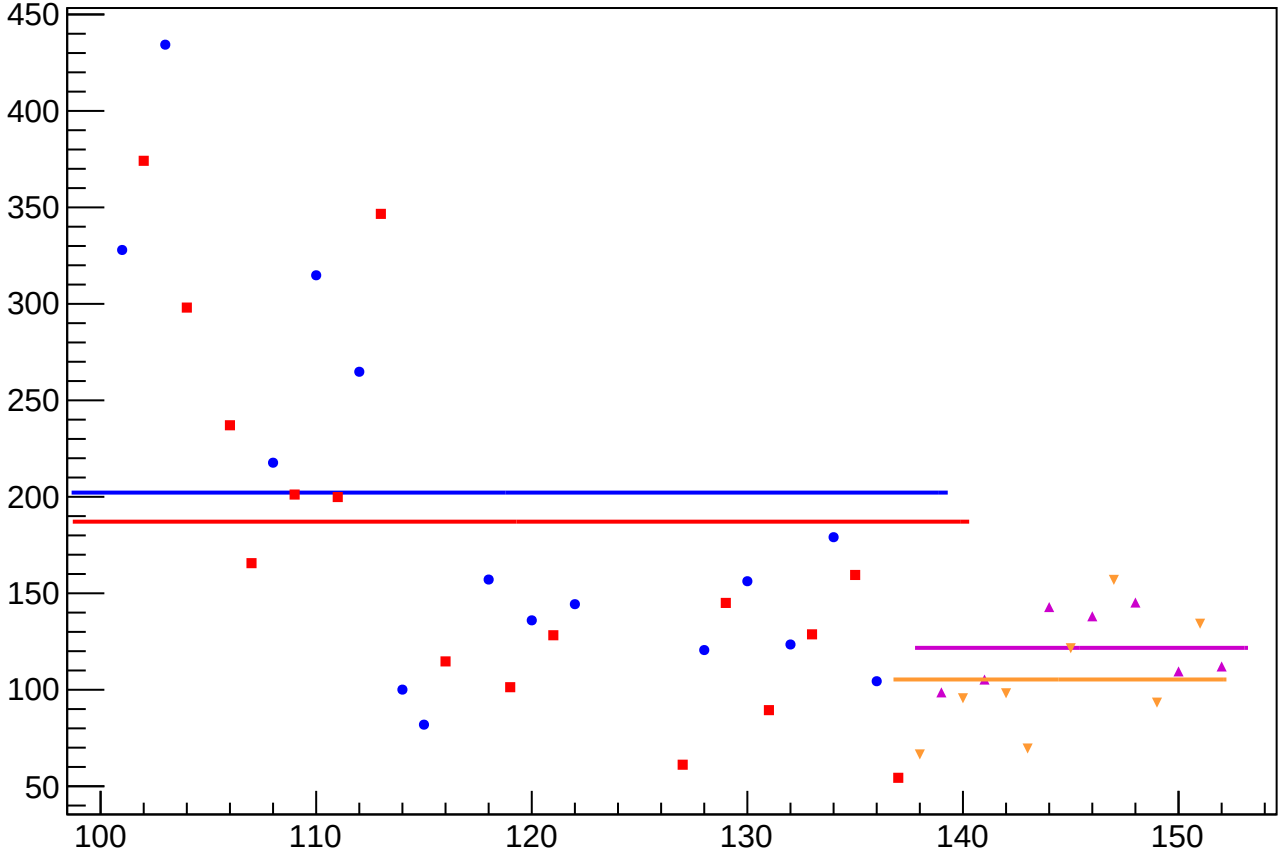
Left In: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF: 1092280760288833856070470490800647045120.0/14
+ sign -663.682+/-0.000 χ^2/NDF: 15985069058238
Left Out: -2.229+/-0.000 χ^2/NDF:9714633240937006282596611426124562432.0/7
All: -698.145+/-0.000 χ^2/NDF: 3182214049 3
Right Out: -1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
- sign -731.928+/-0.000 χ^2/NDF: 158078599664295
Left In: -84.006+/-0.000 χ^2/NDF:3851429802474626285502516800448888832.0/6

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Left Out: 105.332+/-0.000 χ^2/NDF:5191006837355423379008816056190894 08.0/7

Right Out: 187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

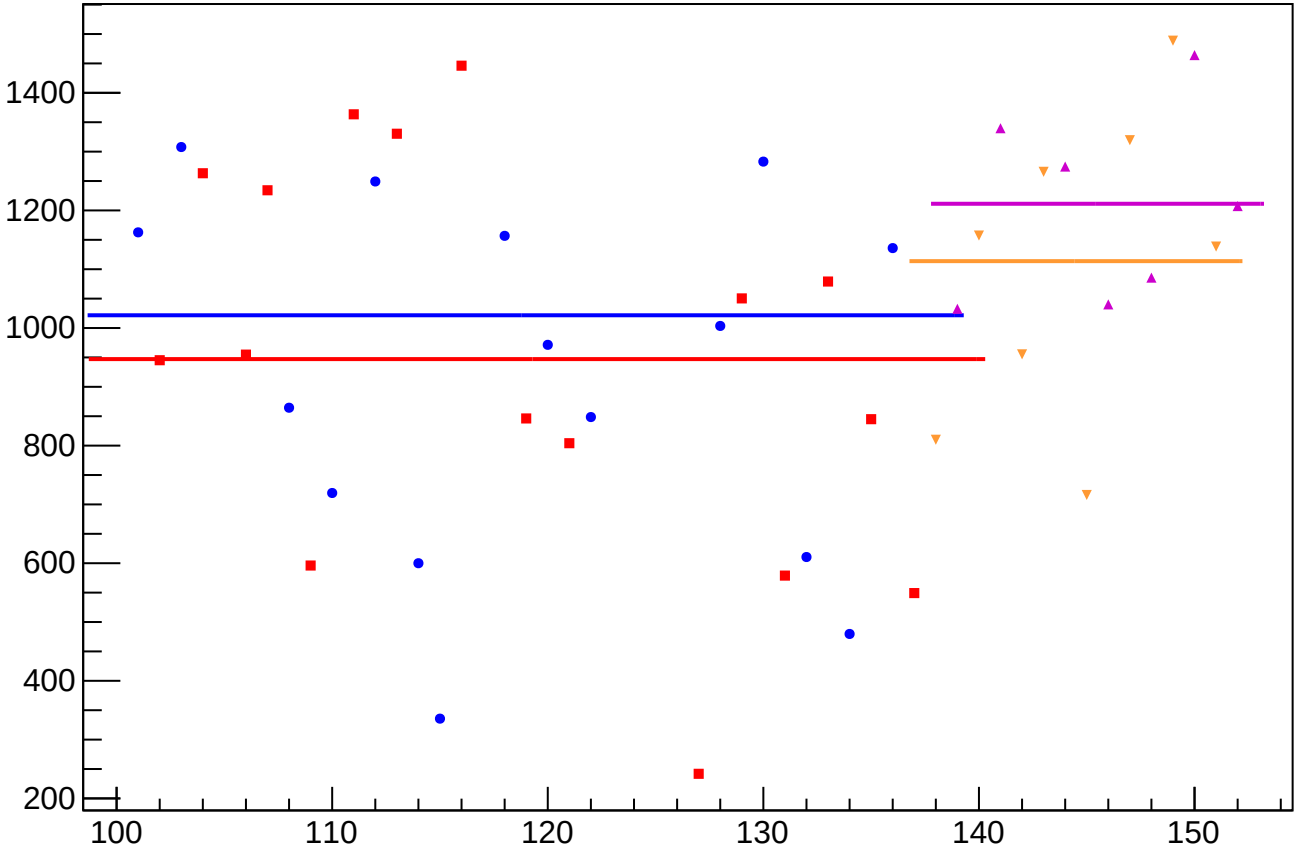
Left In: 121.723+/-0.000 χ^2/NDF:196062125805292012070054860112789504.0/6

+ sign 155.945+/-0.000 χ^2/NDF: 1045410686280 30

All: 156.050+/-0.000 χ^2/NDF: 1823133257 17

- sign 156.154+/-0.000 χ^2/NDF: 777719837421948

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7

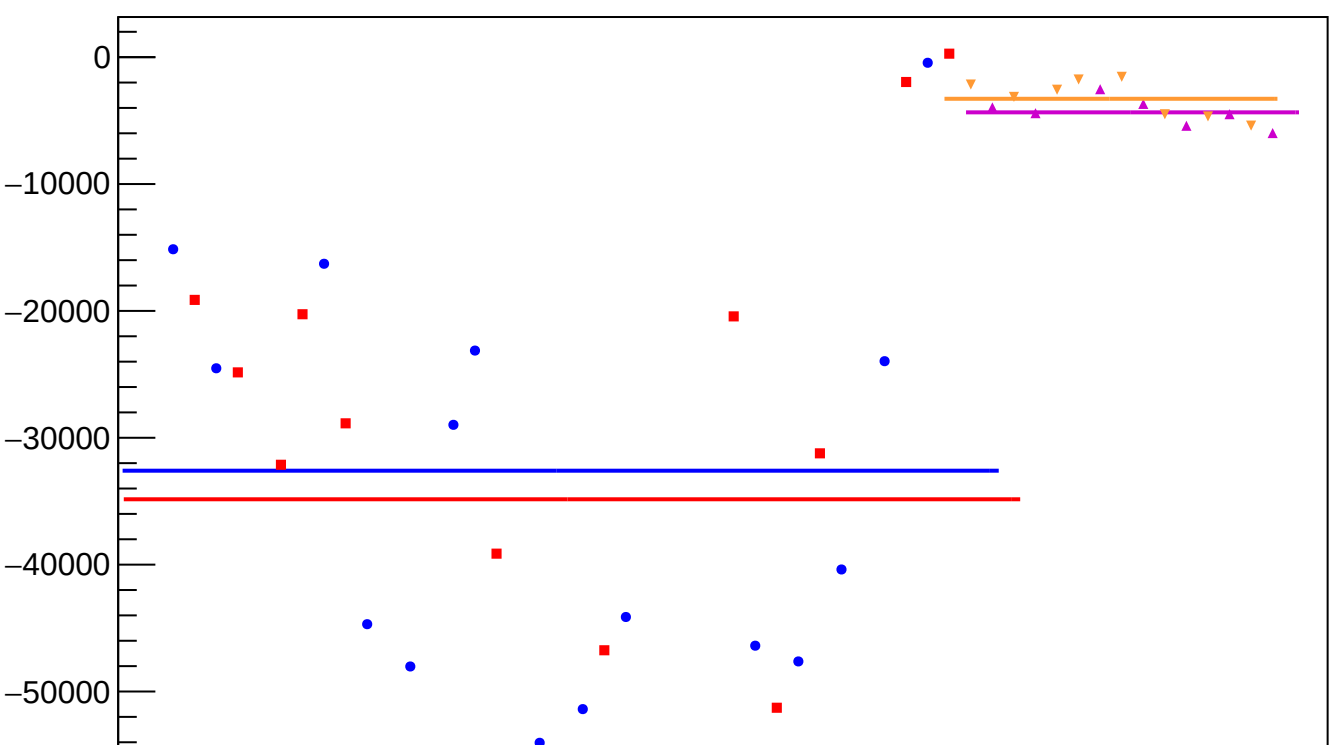
All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

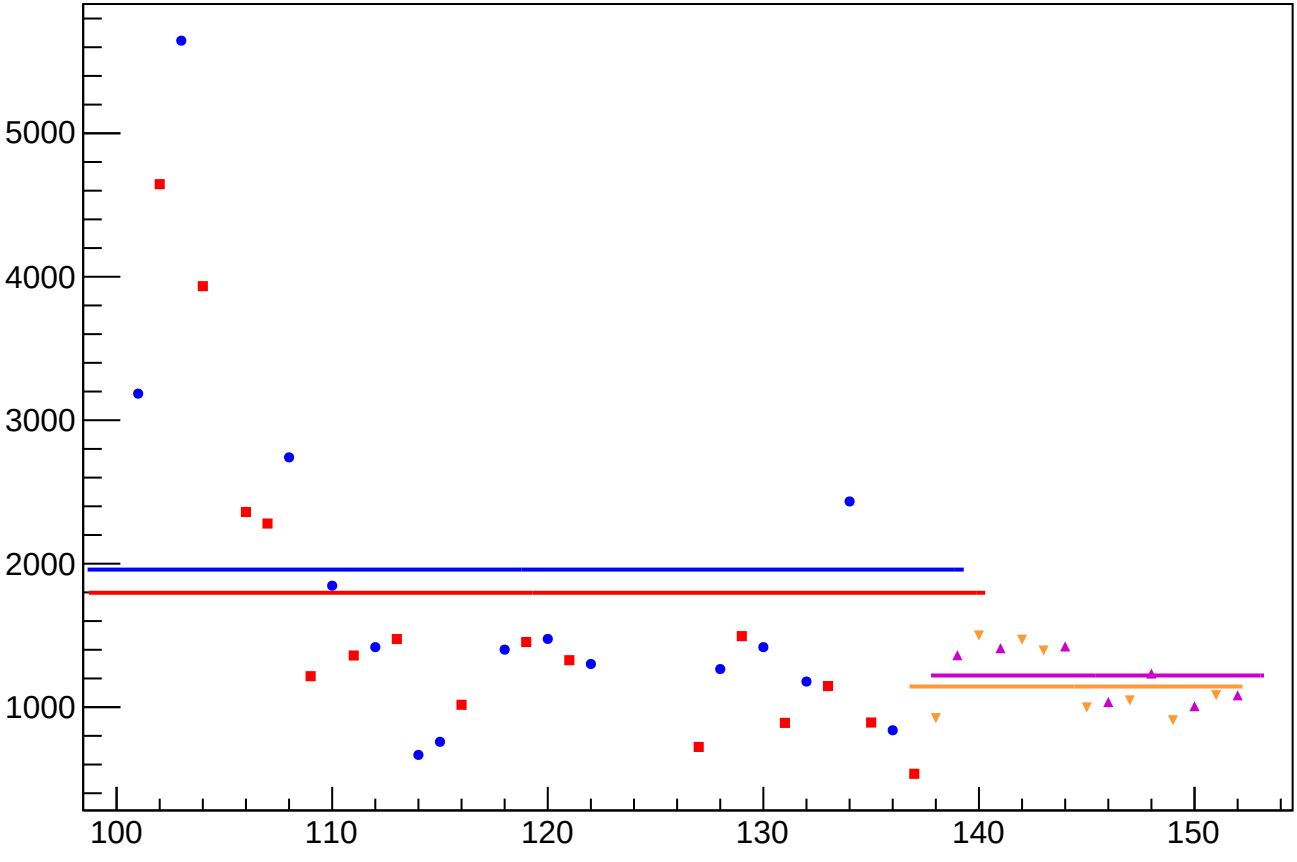
Left In: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

dit_sam2_coil7_mean vs Slug



Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
+ sign -18598.055+/-0.000 χ^2/NDF: 476598241246
Left Out: -3279.349+/-0.000 χ^2/NDF:1145061725407190970783799915848581251072.0/7
All: -19510.487+/-0.000 χ^2/NDF: 994262170
Right Out: -34848.046+/-0.000 χ^2/NDF: 221127702024811719232559434097324967591936.0/15
- sign -20404.915+/-0.000 χ^2/NDF: 515616322002 8
Left In: -4348.968+/-0.000 χ^2/NDF:673679471316979572012709267428505288704.0/6

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

+ sign 1569.714+/-0.000 χ^2/NDF: 1425805352177

Left Out: 1143.847+/-0.000 χ^2/NDF:3066617881927862285187784608110660812 8.0/7

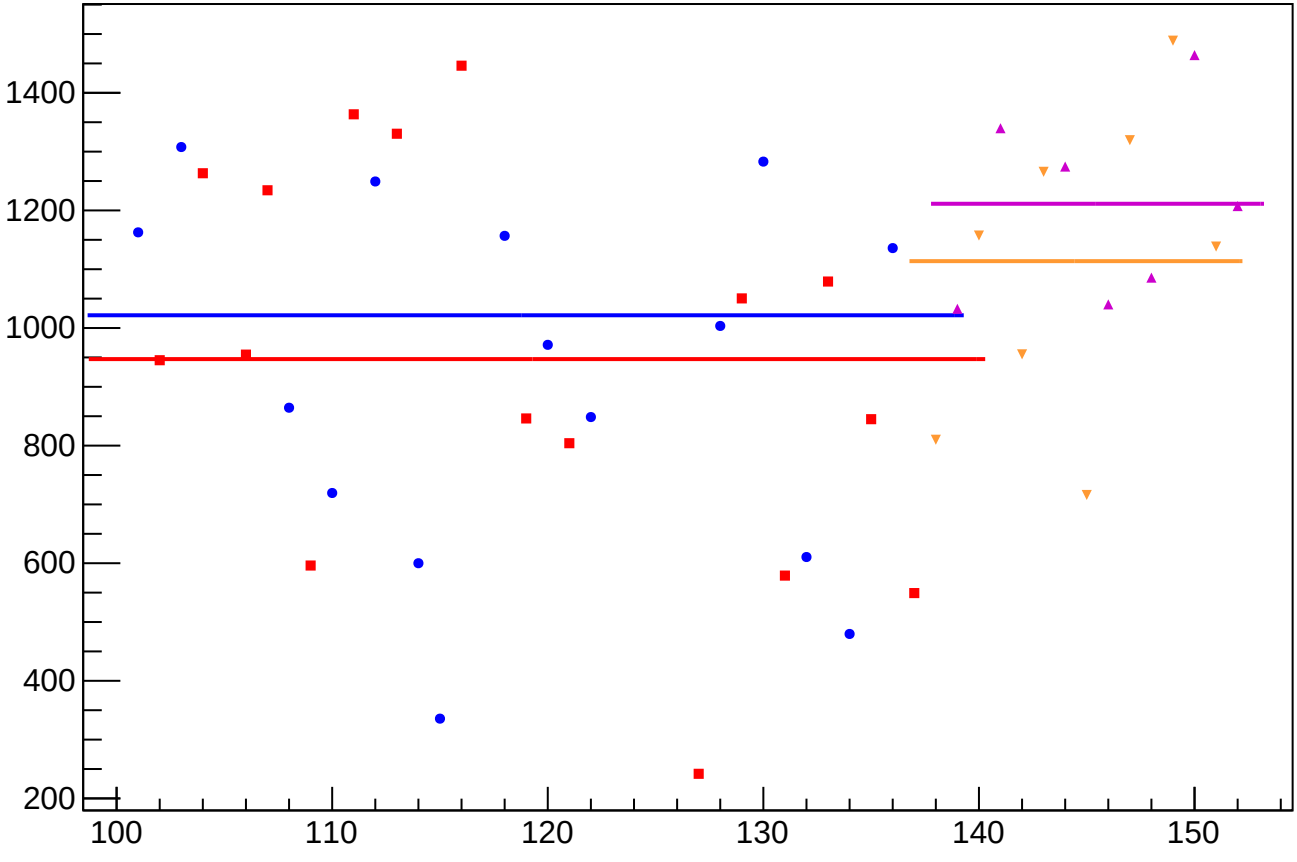
All: 1546.767+/-0.000 χ^2/NDF: 2504282287

Right Out: 1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

- sign 1524.272+/-0.000 χ^2/NDF: 10771817785466

Left In: 1220.653+/-0.000 χ^2/NDF:1701996749686027088461838183673154764 8.0/6

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

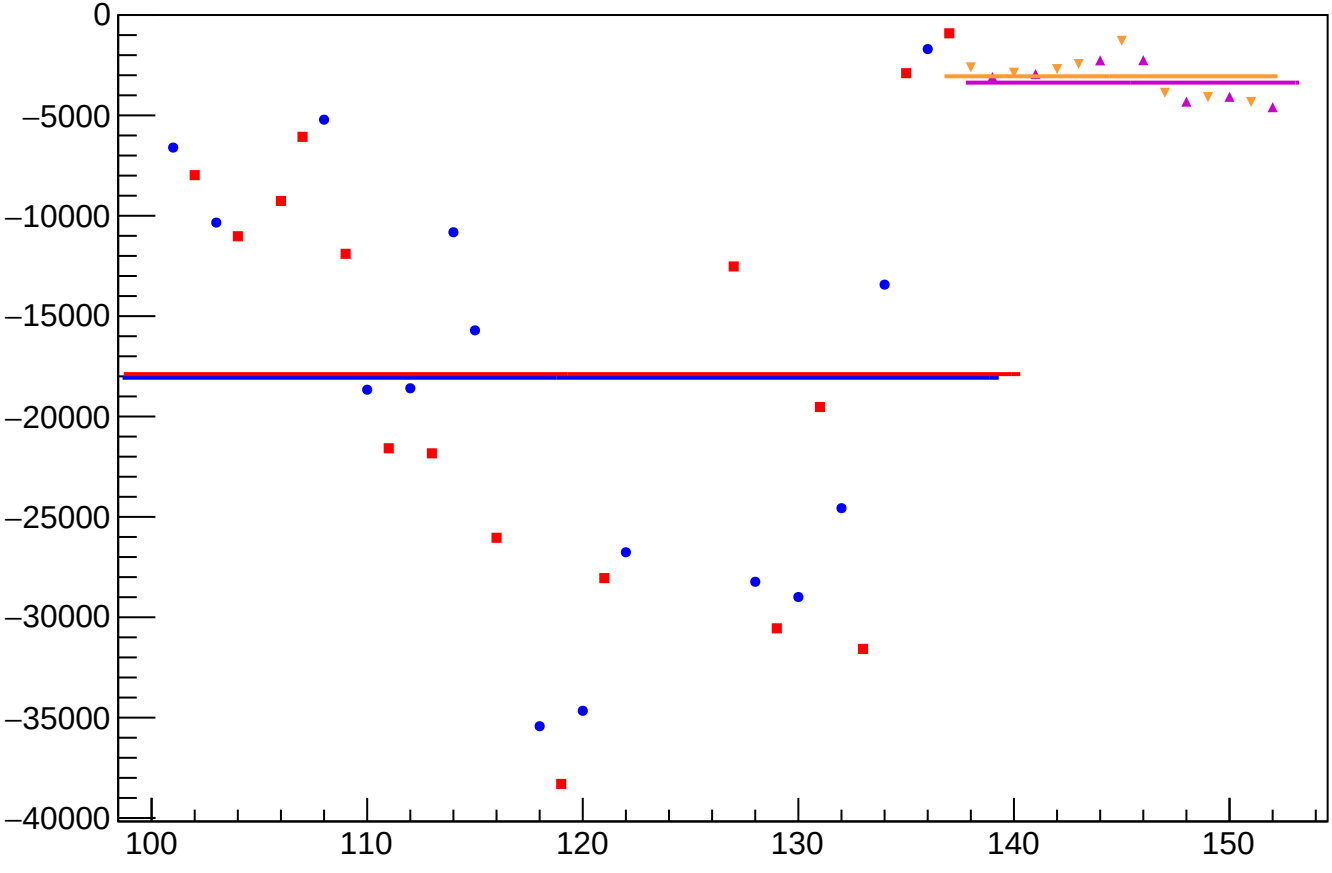
Left In: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

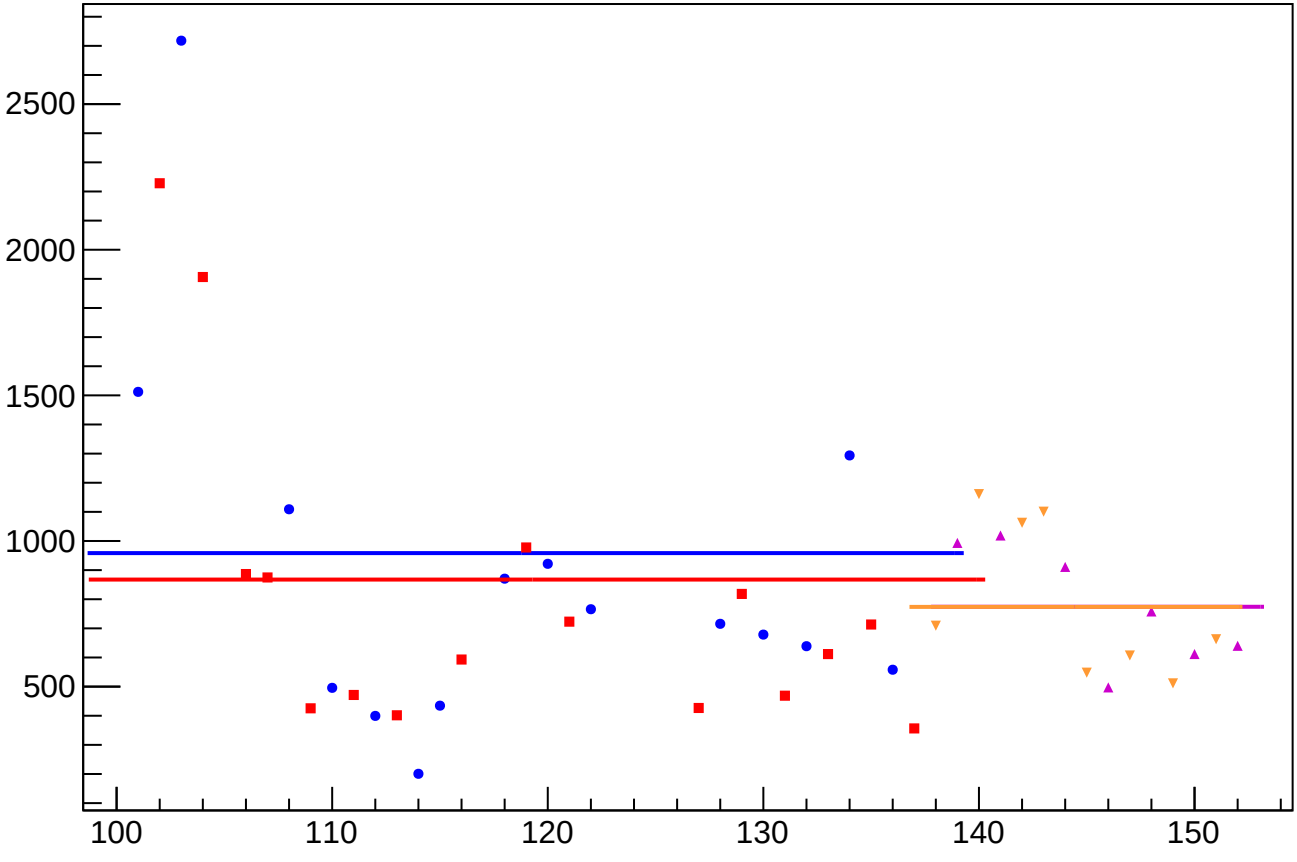
- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
+ sign -10899.176+/-0.000 χ^2/NDF: 154749016725
Left Out: -3052.762+/-0.000 χ^2/NDF:5695422613459838532419886593787245363 20.0/7
All: -10955.996+/-0.000 χ^2/NDF: 300249899
Right Out: -17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
- sign -11011.694+/-0.000 χ^2/NDF: 1454929419059
Left In: -3367.369+/-0.000 χ^2/NDF:4860894983931266935016603037617702830 08.0/6

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Left Out: 773.711+/-0.000 χ^2/NDF:3665514743741755251707506930619095449 6.0/7

Right Out: 867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881510 40.0/15

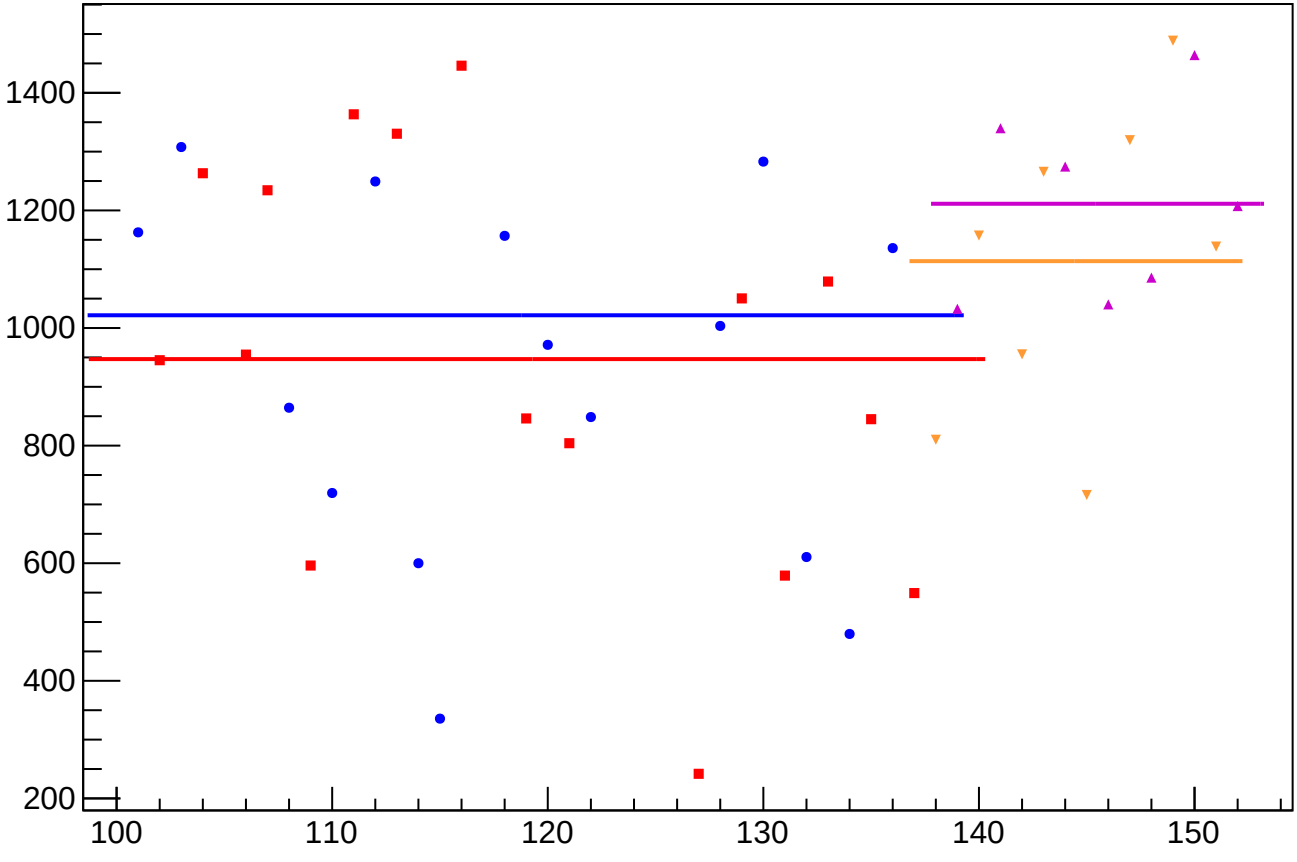
Left In: 774.131+/-0.000 χ^2/NDF:2099137790037571405404040825087931187 2.0/6

+ sign 870.224+/-0.000 χ^2/NDF: 3119591489836 81

All: 846.530+/-0.000 χ^2/NDF: 5532170277 09

- sign 823.304+/-0.000 χ^2/NDF: 2398770953666 11

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7

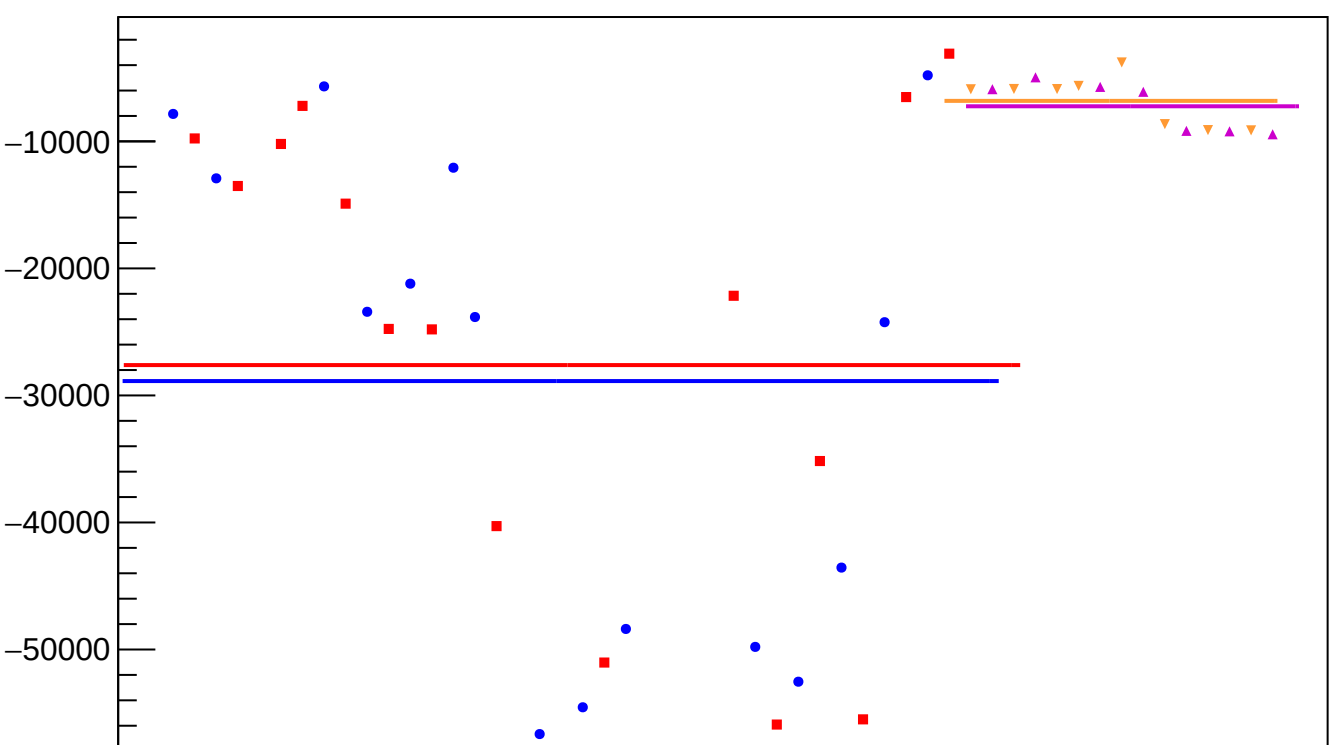
All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

Left Out: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14

+ sign -18337.804+/-0.000 χ^2/NDF: 414325337234

Left Out: -6812.506+/-0.000 χ^2/NDF:213205467716892131314431673774452087193 6.0/7

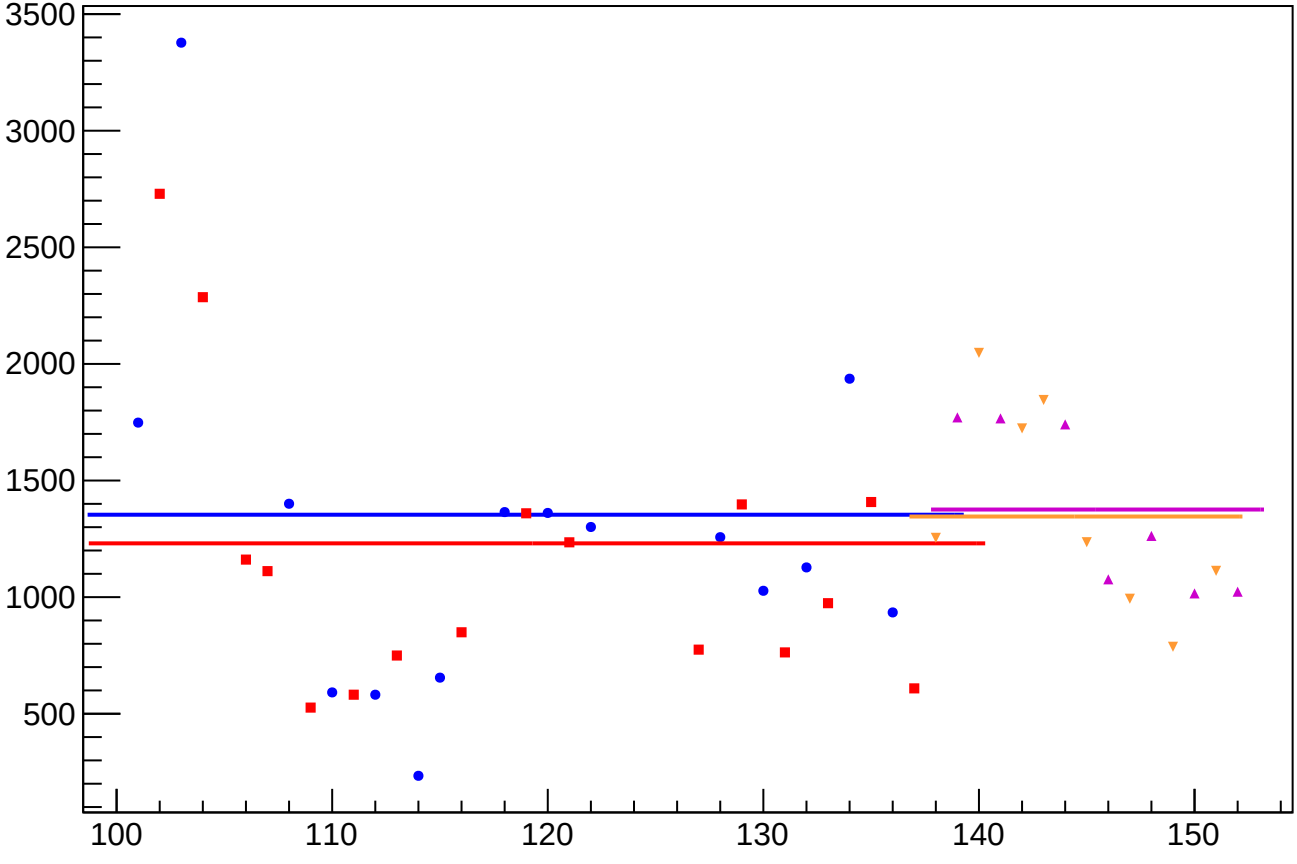
All: -18148.764+/-0.000 χ^2/NDF: 795595989

Right Out: -27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15

- sign -17963.454+/-0.000 χ^2/NDF: 381182759914 6

Left In: -7238.768+/-0.000 χ^2/NDF:199428293588403894424489161523369449881 6.0/6

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

+ sign 1349.737+/-0.000 χ^2/NDF: 4582814728158 9

Left Out: 1345.714+/-0.000 χ^2/NDF:1053751383027991644346589919329774469 12.0/7

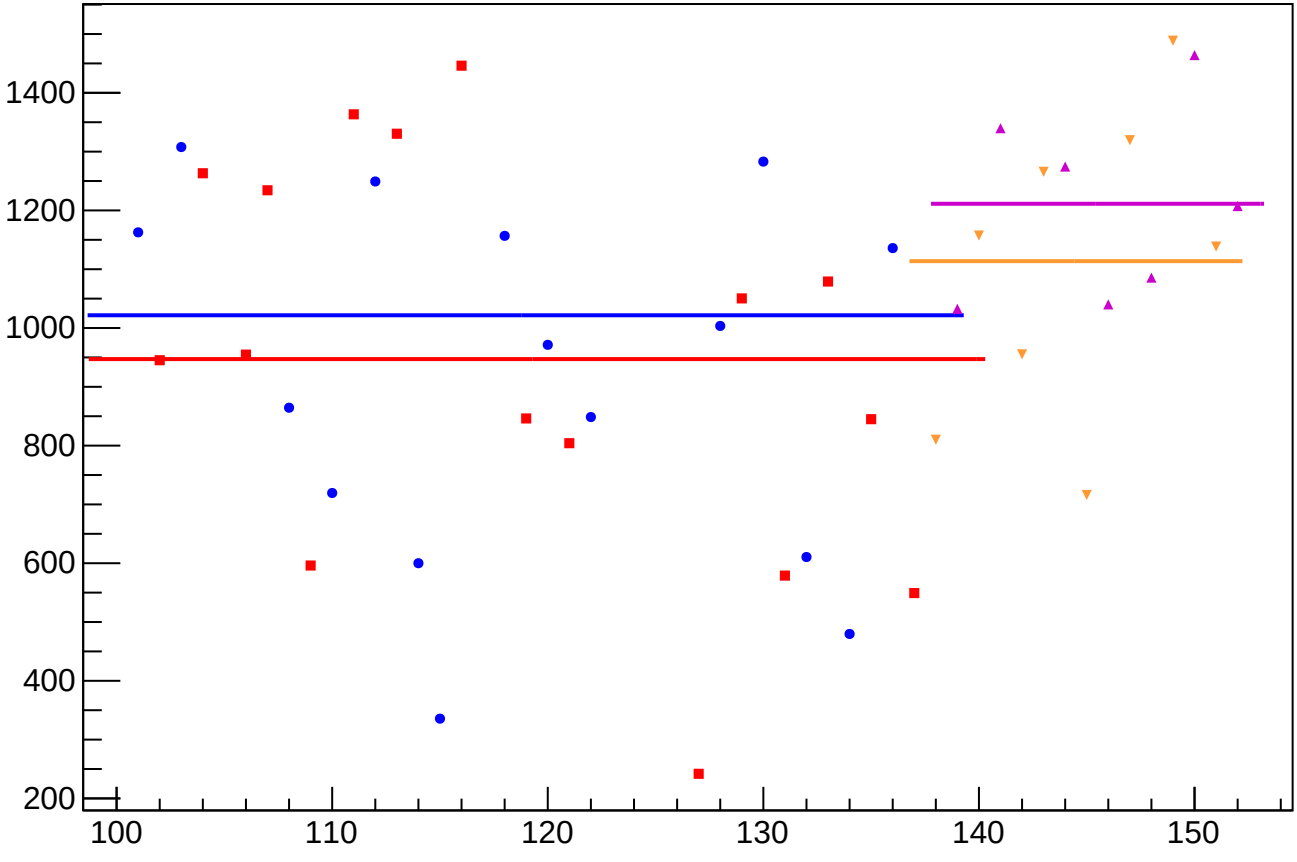
All: 1324.278+/-0.000 χ^2/NDF: 8120781646 8

Right Out: 1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

- sign 1299.321+/-0.000 χ^2/NDF: 3522024919457 6

Left In: 1375.679+/-0.000 χ^2/NDF:6856779764559374313164395229138753945 6.0/6

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

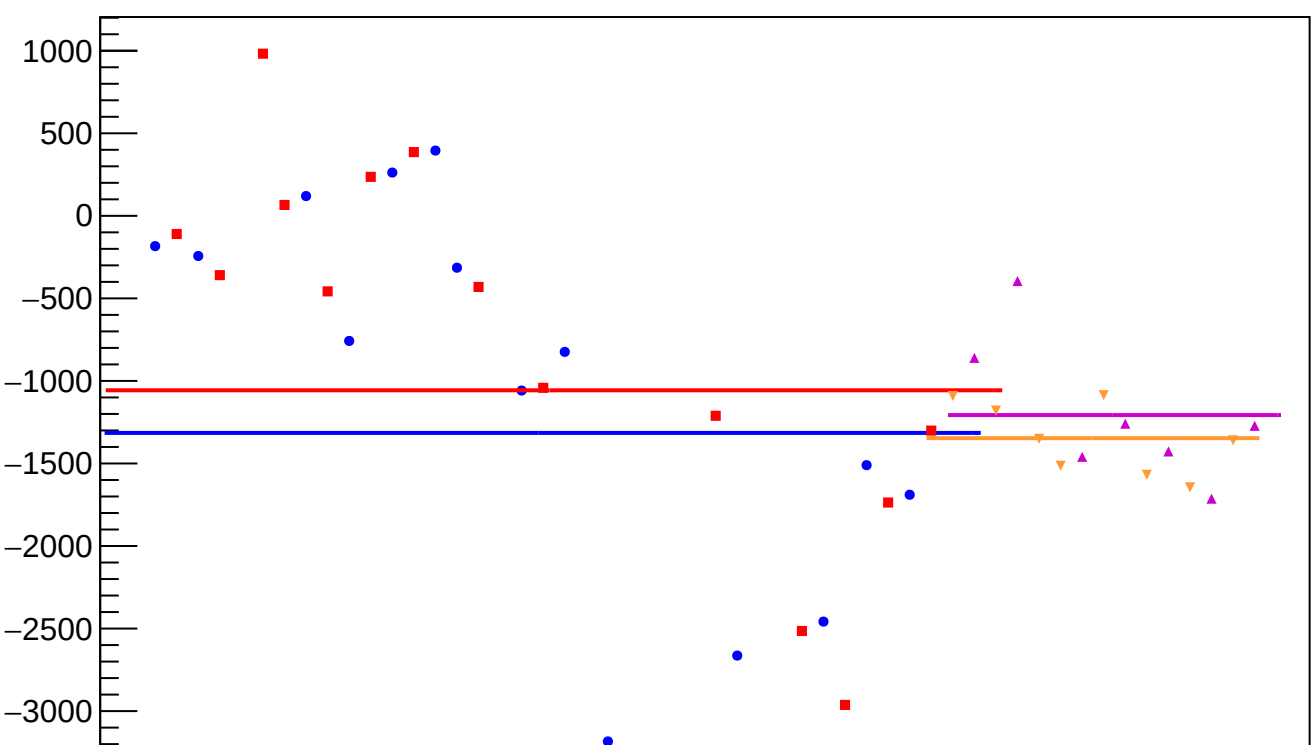
Left In: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

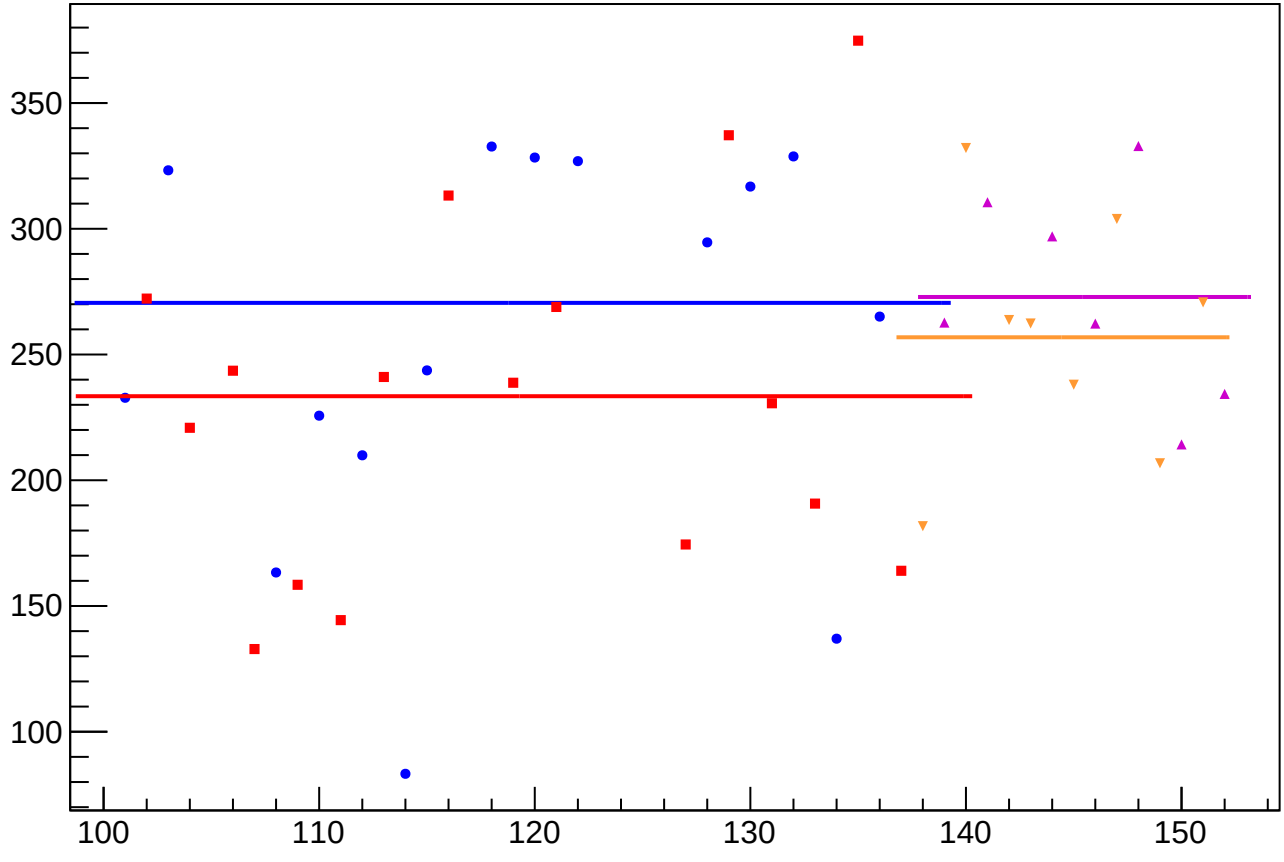
- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14
+ sign -1330.007+/-0.000 χ^2/NDF: 9924588298325
Left Out: -1346.670+/-0.000 χ^2/NDF:260613716600012258440238894798224752 64.0/7
All: -1227.908+/-0.000 χ^2/NDF: 2251798855
Right Out: -1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15
- sign -1127.824+/-0.000 χ^2/NDF: 1233701786178 9
Left In: -1206.817+/-0.000 χ^2/NDF:994483578284711337024673331301046026 24.0/6

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Left Out: 256.849+/-0.000 χ^2/NDF:1336126709102965713607447096309317632.0/7

Right Out: 233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

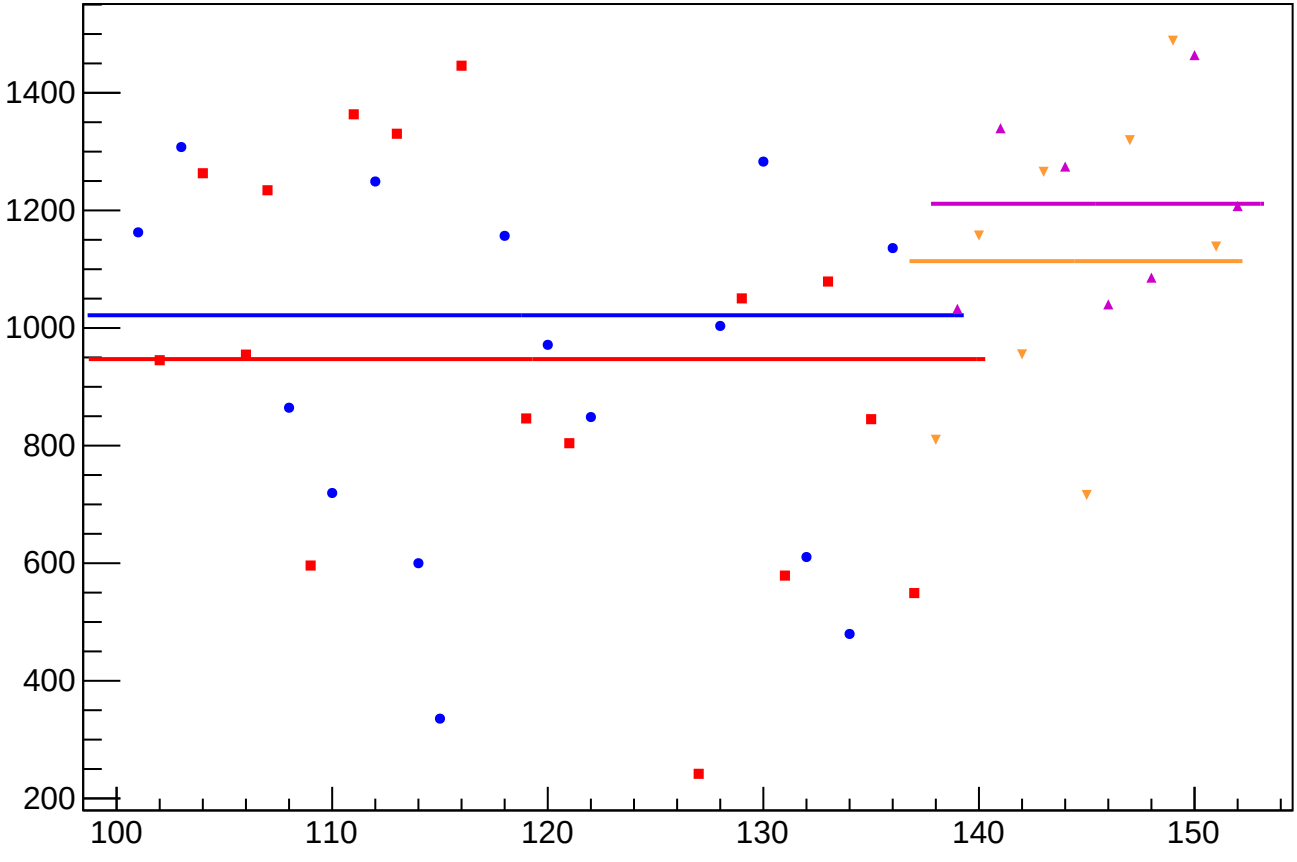
Left In: 272.879+/-0.000 χ^2/NDF:9347895887068634186602742604984483 84.0/6

+ sign 264.002+/-0.000 χ^2/NDF: 386803575961581

All: 257.995+/-0.000 χ^2/NDF: 84318845240 6

- sign 252.107+/-0.000 χ^2/NDF: 447510301506294

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7

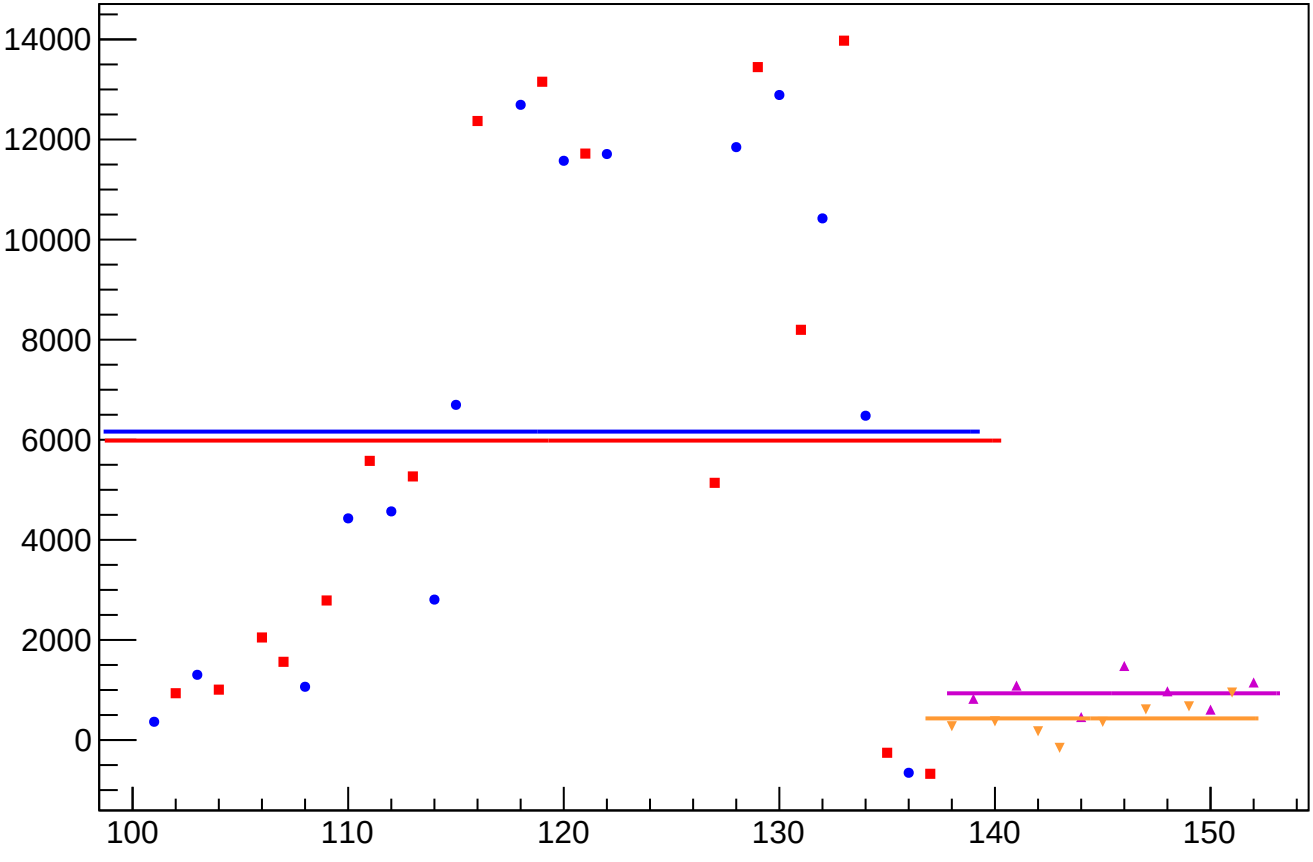
All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

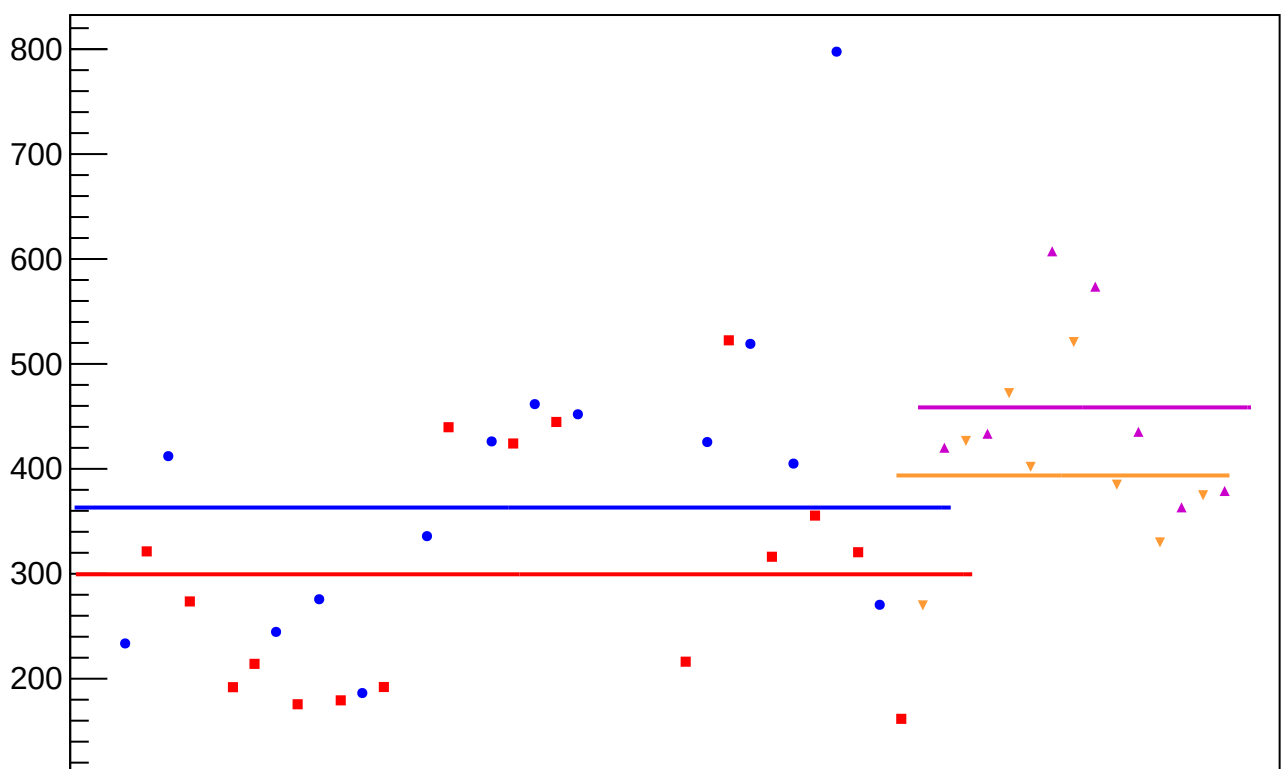
Left In: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14
+ sign 3427.050+/-0.000 χ^2/NDF: 2843557230812 4
Left Out: 432.243+/-0.000 χ^2/NDF:5678937231378074761609993144817732812 8.0/7
All: 3510.524+/-0.000 χ^2/NDF: 5407524100 1
Right Out: 5983.876+/-0.000 χ^2/NDF: 1750520191327627355916108876415584174080 0.0/15
- sign 3592.352+/-0.000 χ^2/NDF: 2562253082213 6
Left In: 933.775+/-0.000 χ^2/NDF:6167686696381846386245604460562323865 6.0/6

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF: 115027916970764564264359982779953315 84.0/14

Left Out: 393.701+/-0.000 χ^2/NDF:3256824791320671439337807223749345280.0/7

Right Out: 299.514+/-0.000 χ^2/NDF: 76854973187442252183546528289846722 56.0/15

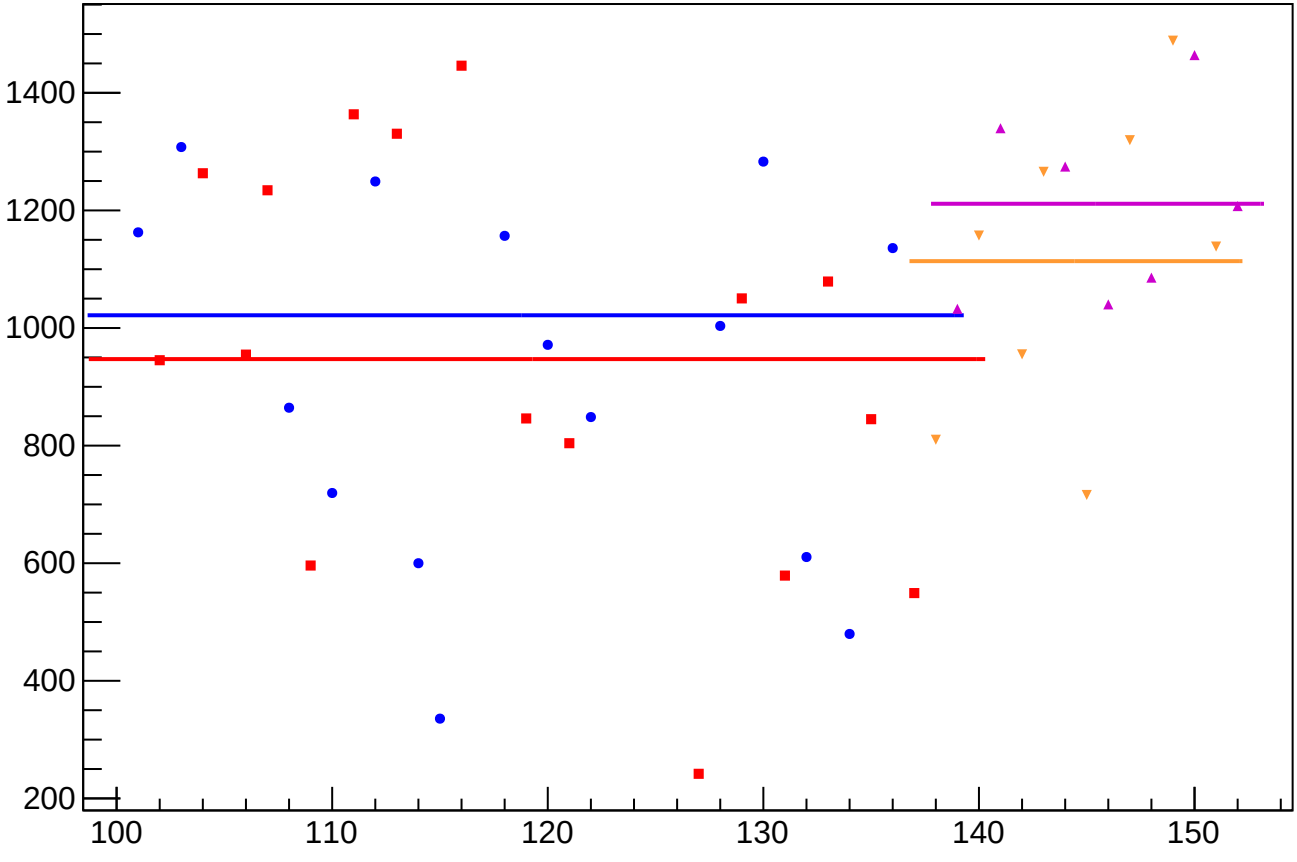
Left In: 458.568+/-0.000 χ^2/NDF:4664767449615388521466724838186942464.0/6

+ sign 377.728+/-0.000 χ^2/NDF: 150491485646538

All: 376.267+/-0.000 χ^2/NDF: 353954201709

- sign 374.836+/-0.000 χ^2/NDF: 203410258206848

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

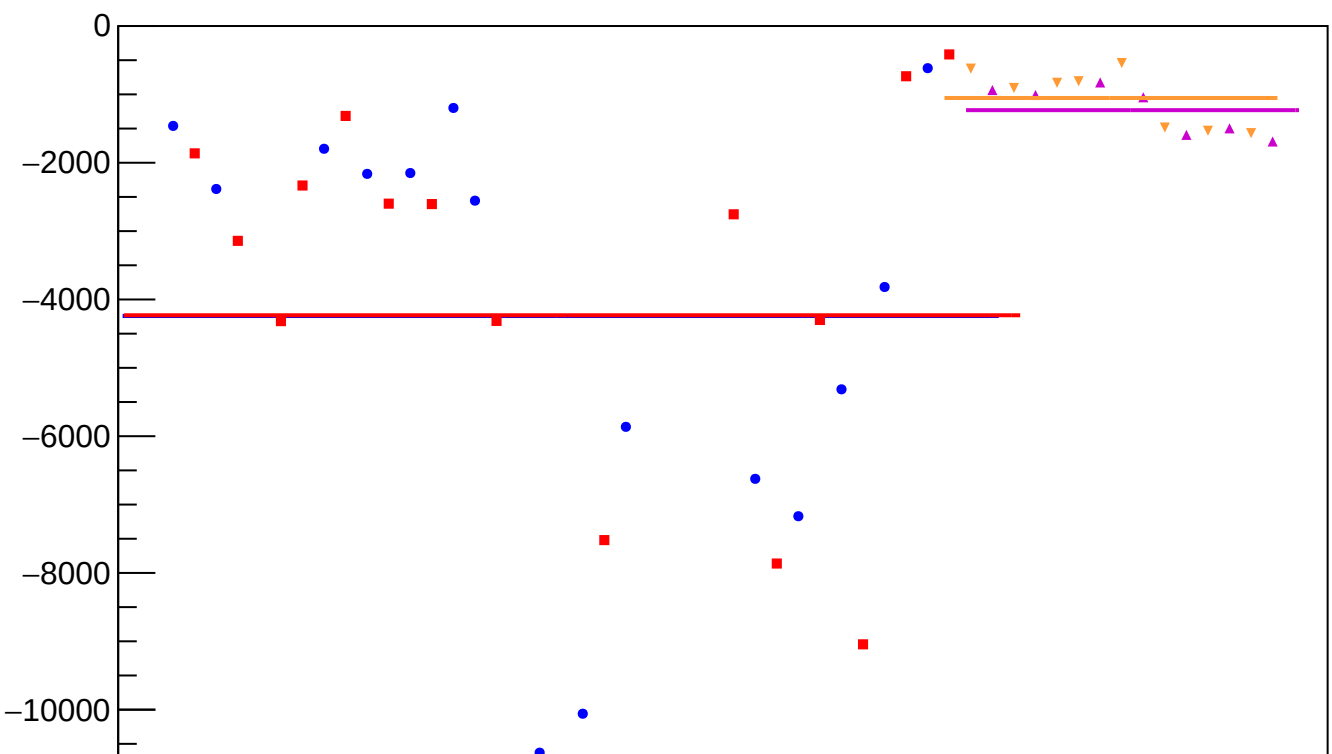
Left In: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

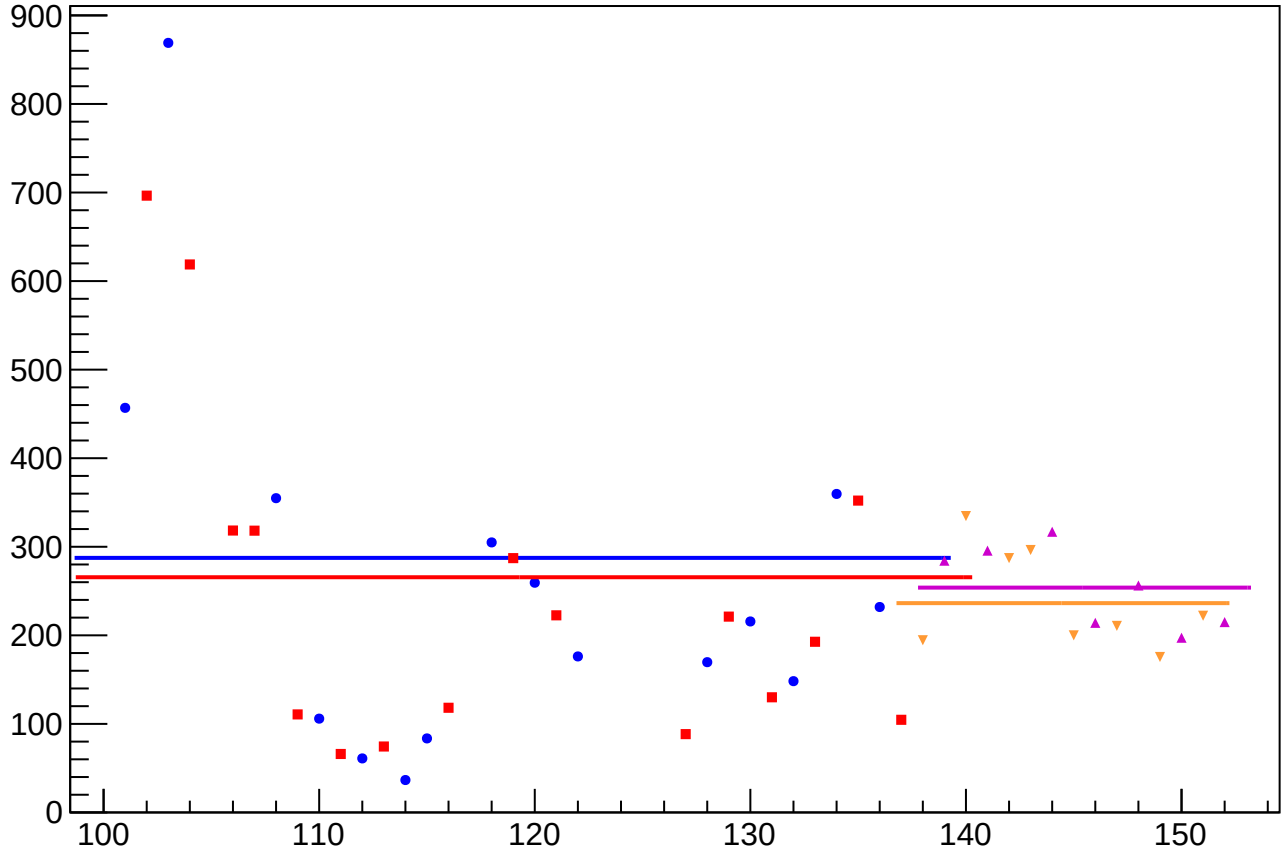
- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14
+ sign -2719.355+/-0.000 χ^2/NDF: 1003346607340
Left Out: -1052.727+/-0.000 χ^2/NDF:97831480165902124492278128740449386496.0/7
All: -2765.249+/-0.000 χ^2/NDF: 1962851272
Right Out: -4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15
- sign -2810.238+/-0.000 χ^2/NDF: 9589866237203 7
Left In: -1230.848+/-0.000 χ^2/NDF:644326093741362690926122522360372264 96.0/6

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

Left Out: 236.353+/-0.000 χ^2/NDF:1774404800019554620359493855978979328.0/7

Right Out: 265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

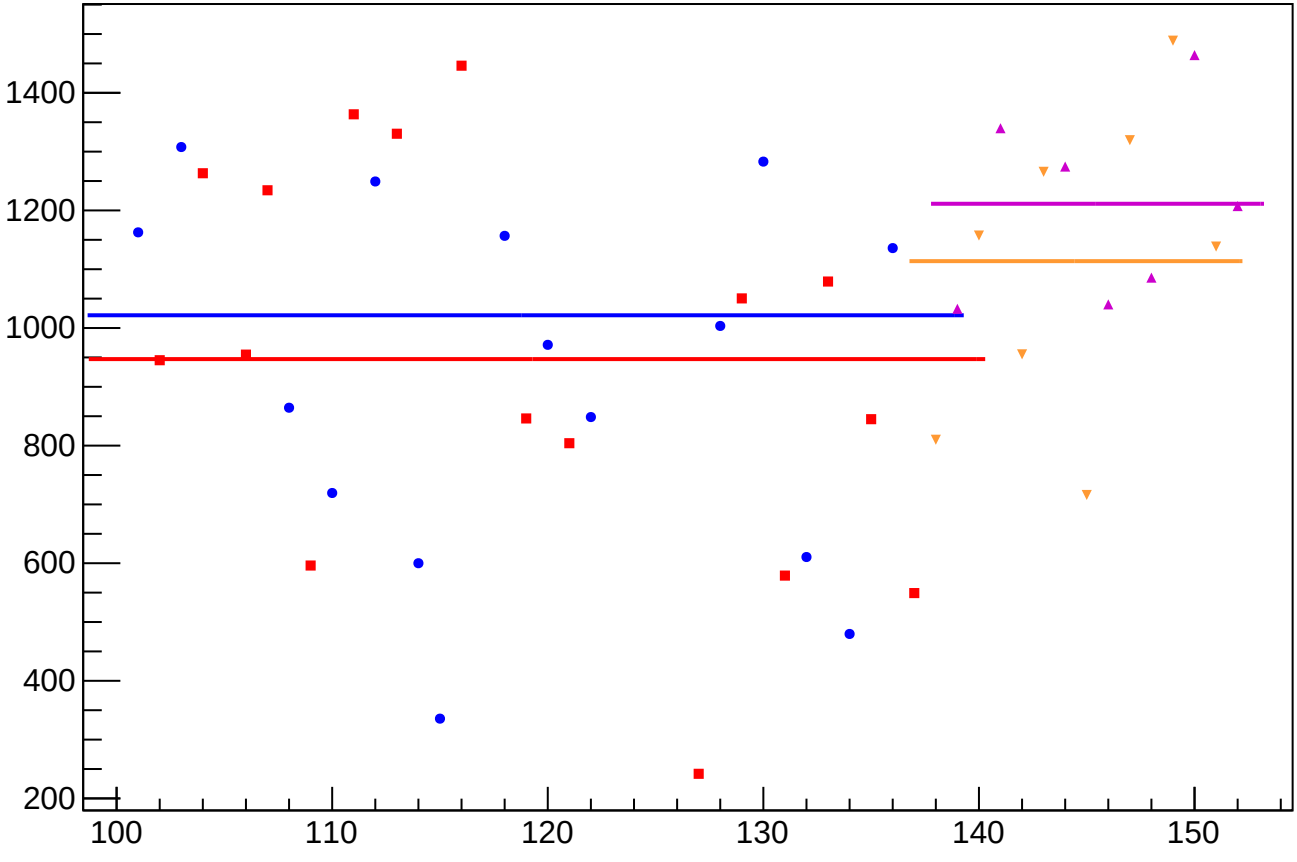
Left In: 253.876+/-0.000 χ^2/NDF:1131903051683608737080671468141936640.0/6

+ sign 263.058+/-0.000 χ^2/NDF: 321007964262290

All: 261.536+/-0.000 χ^2/NDF: 59125022569 3

- sign 260.044+/-0.000 χ^2/NDF: 270185279933492

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1113.744+/-0.000 χ^2/NDF:380238938019404467314878343548606873 60.0/7

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

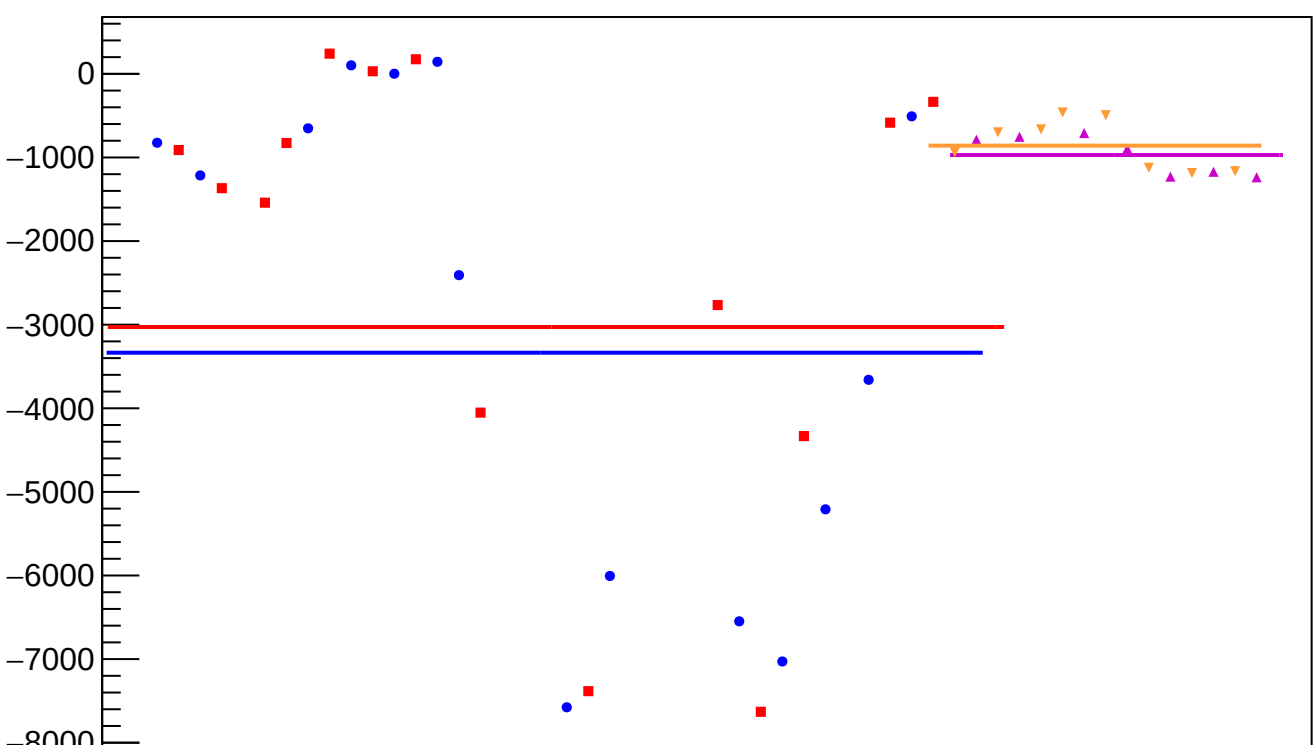
Left In: 1211.328+/-0.000 χ^2/NDF:139180017713045008984801063043082485 76.0/6

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

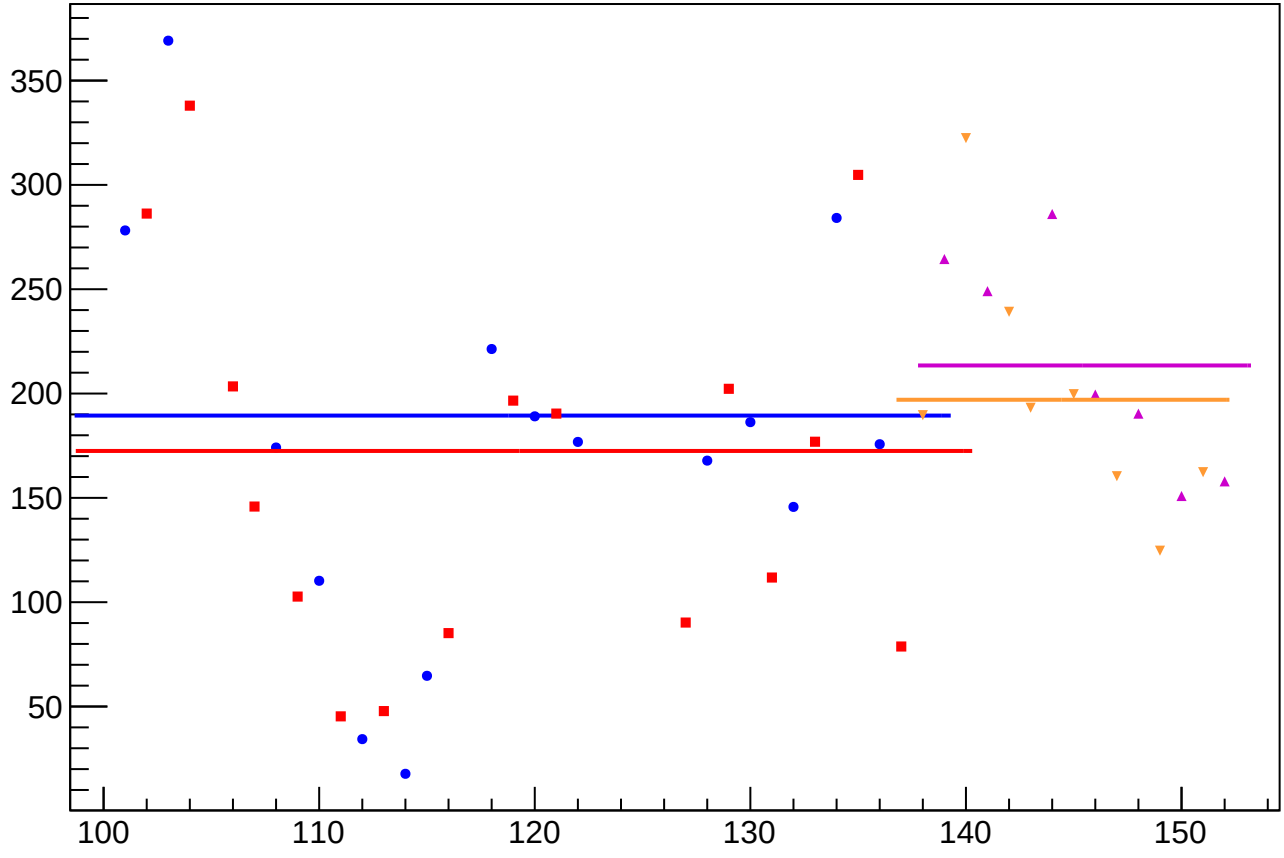
- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

dit_sam8_coil7_mean vs Slug



Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
+ sign -2152.607+/-0.000 χ^2/NDF: 8286583211006
Left Out: -858.256+/-0.000 χ^2/NDF:472611276045099568310202479362546073 60.0/7
All: -2102.608+/-0.000 χ^2/NDF: 1674394443
Right Out: -3027.603+/-0.000 χ^2/NDF: 708615708669439658309090376758132631 1424.0/15
- sign -2053.595+/-0.000 χ^2/NDF: 8451212711959 6
Left In: -970.823+/-0.000 χ^2/NDF:288408968721655052059902814687802163 20.0/6

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Left Out: 197.021+/-0.000 χ^2/NDF:2014140853205049293198975869843931136.0/7

Right Out: 172.485+/-0.000 χ^2/NDF: 5594813408996728261938711470404534272.0/15

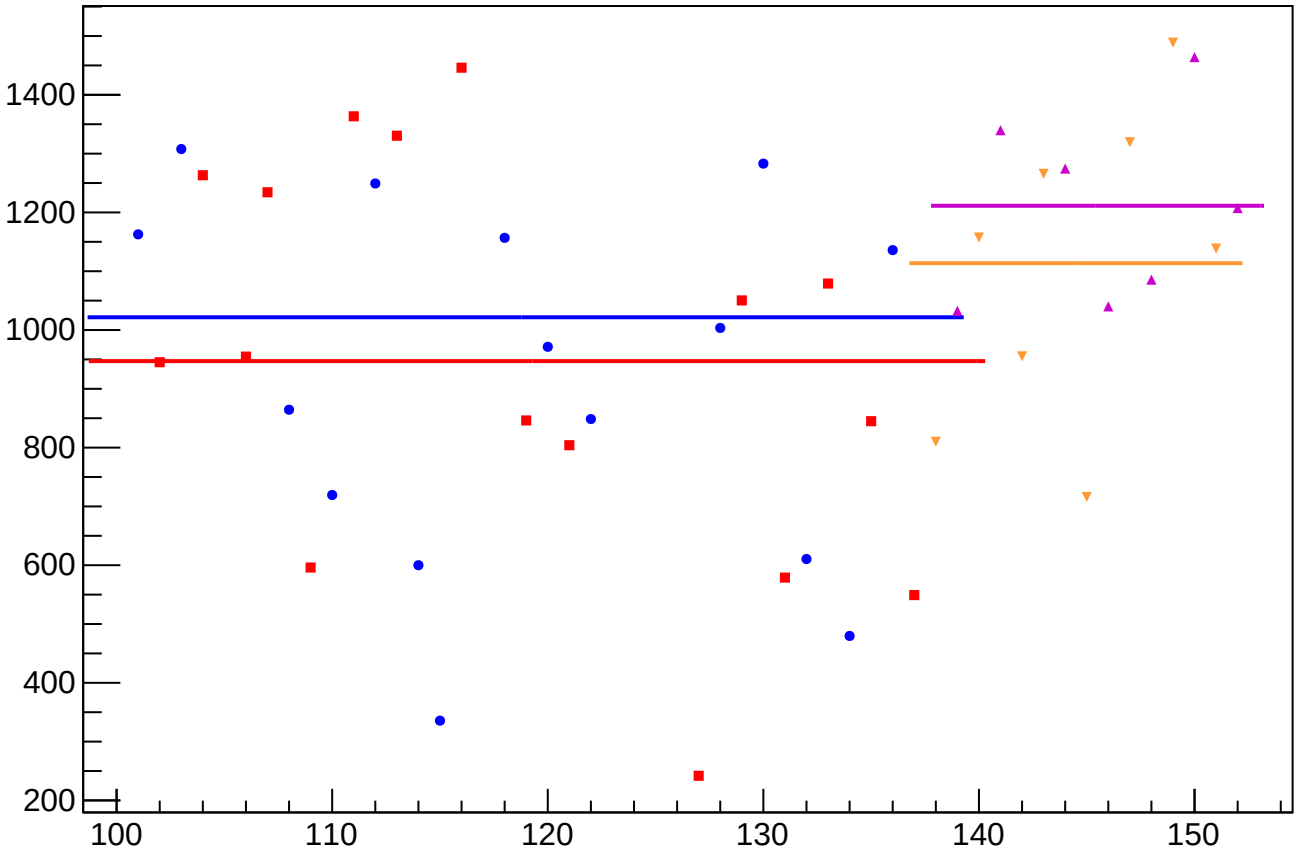
Left In: 213.458+/-0.000 χ^2/NDF:1473203061018047048961626793949790208.0/6

+ sign 193.060+/-0.000 χ^2/NDF: 673917704224244

All: 192.468+/-0.000 χ^2/NDF: 14338322714

- sign 191.888+/-0.000 χ^2/NDF: 759828326479794

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Left Out: 1113.744+/-0.000 χ^2/NDF:3802389380194044673148783435486068736 0.0/7

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

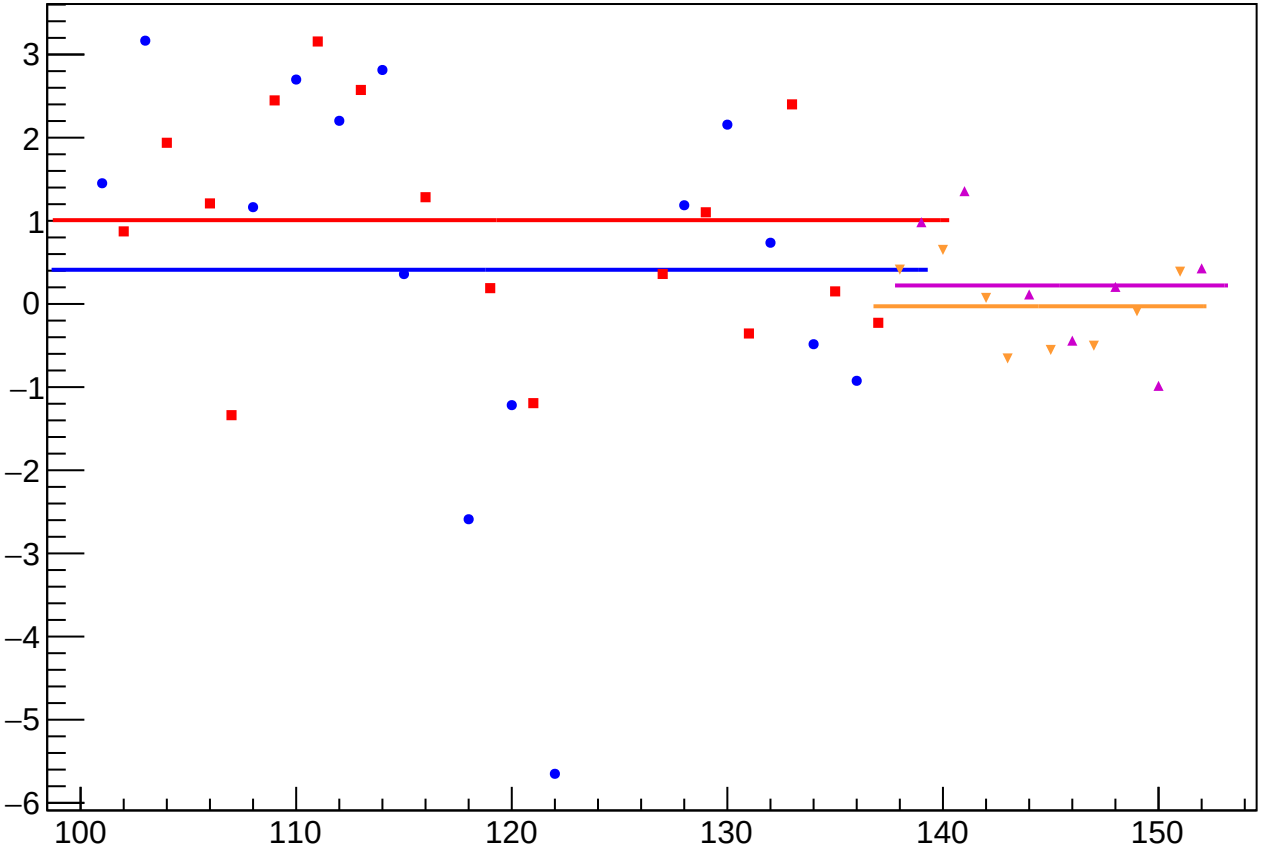
Left In: 1211.328+/-0.000 χ^2/NDF:1391800177130450089848010630430824857 6.0/6

+ sign 1065.638+/-0.000 χ^2/NDF: 8114312066784 5

All: 1068.978+/-0.000 χ^2/NDF: 1849181983 5

- sign 1072.252+/-0.000 χ^2/NDF: 10374764725485

dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000 χ^2/NDF: 3385573506255563170053089820409856.0/14

Left Out: -0.028+/-0.000 χ^2/NDF:1331999385063214175053422620835 84.0/7

Right Out: 1.008+/-0.000 χ^2/NDF: 1128402228144096394498047410700288.0/15

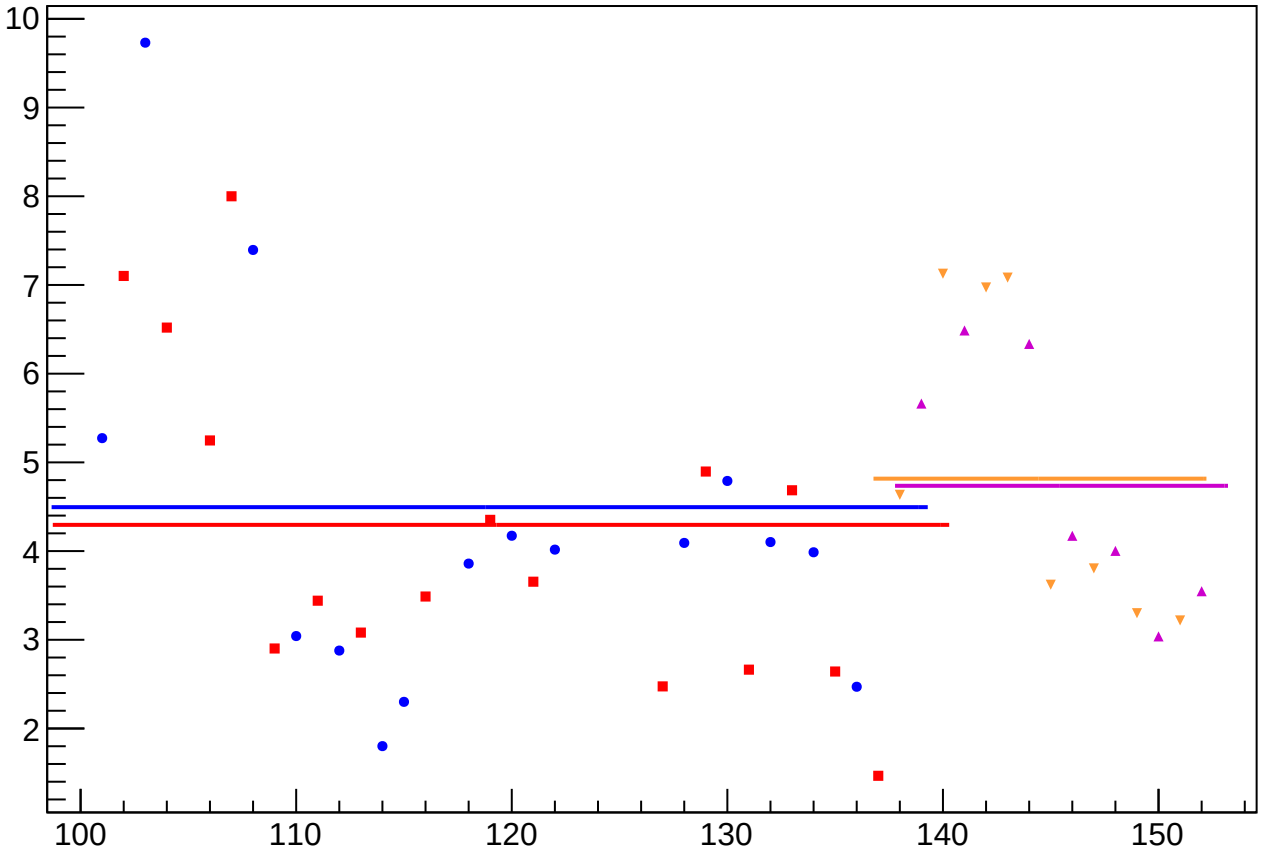
Left In: 0.222+/-0.000 χ^2/NDF:3301767043598552805493940556922 88.0/6

+ sign 0.202+/-0.000 χ^2/NDF: 3578503185405573 4

All: 0.421+/-0.000 χ^2/NDF: 5350225342928 8

- sign 0.636+/-0.000 χ^2/NDF: 1653399414905576 0

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

+ sign 4.649+/-0.000 χ^2/NDF: 4357989041995260 5

Left Out: 4.816+/-0.000 χ^2/NDF:158375429491863455005018736610 5088.0/7

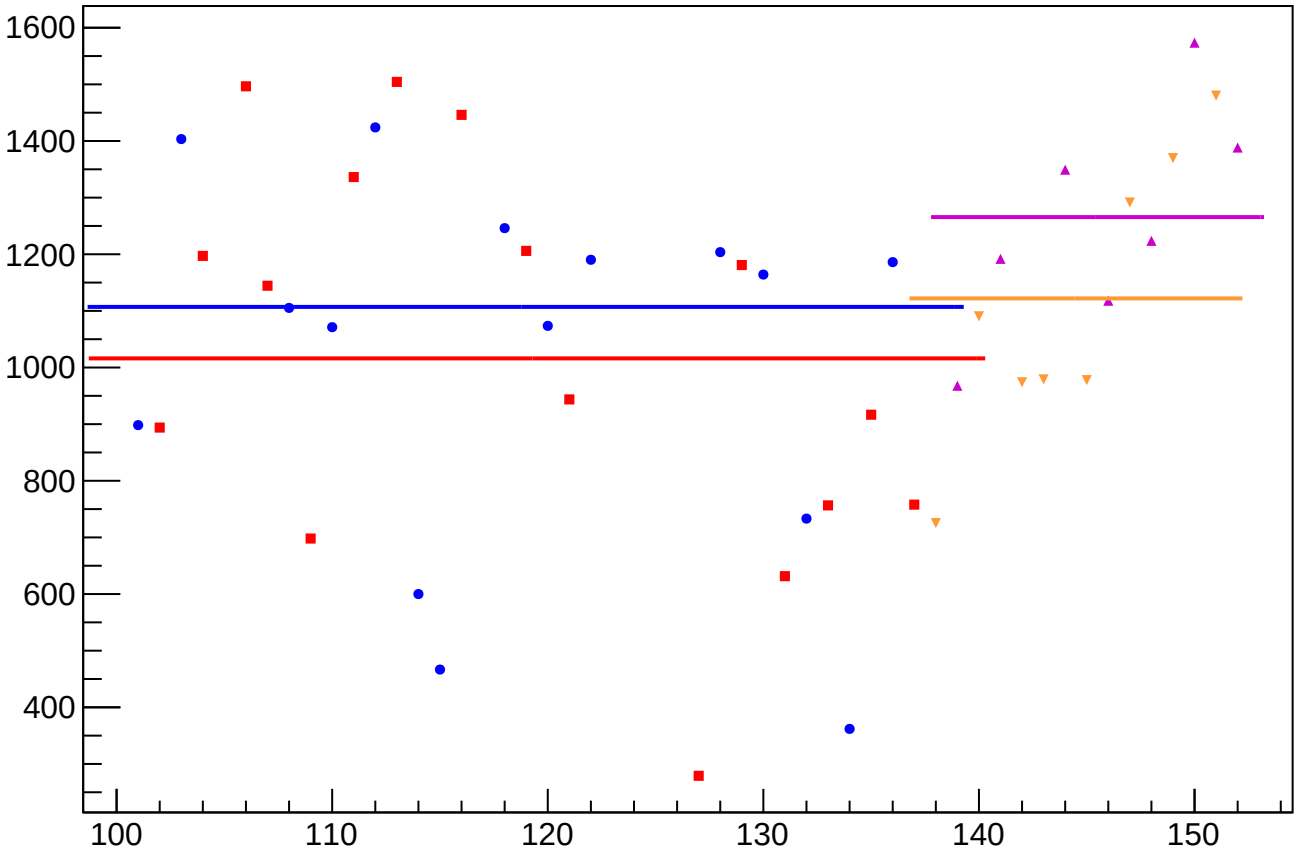
All: 4.576+/-0.000 χ^2/NDF: 7458979705928 9

Right Out: 4.296+/-0.000 χ^2/NDF: 2011925707062051890381007475441664.0/15

- sign 4.504+/-0.000 χ^2/NDF: 3087902592530037 5

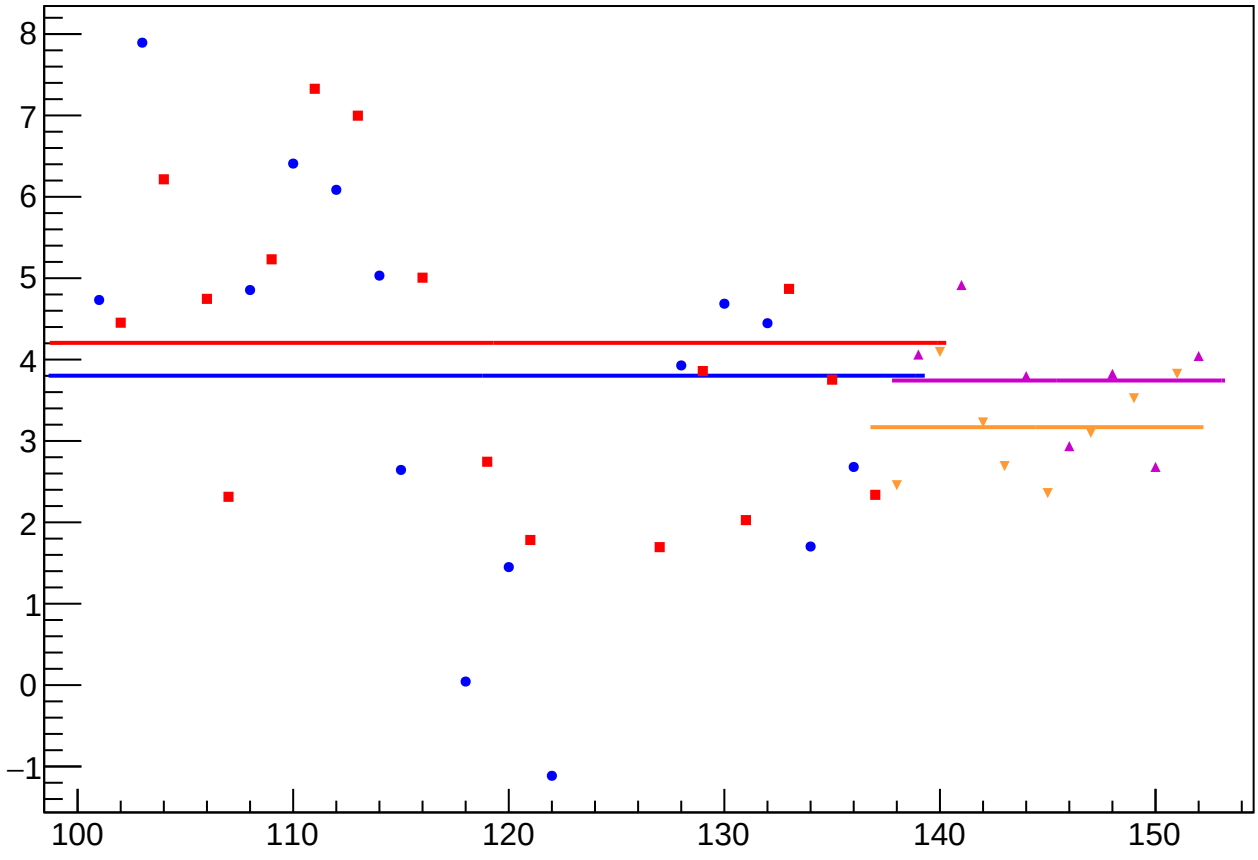
Left In: 4.736+/-0.000 χ^2/NDF:1014710911248110557283867359707136.0/6

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3
Left Out: 1122.024+/-0.000 χ^2/NDF:336978841422690263271848133477437276 16.0/7
All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5
Left In: 1265.633+/-0.000 χ^2/NDF:201707958136464434190560587505729536 00.0/6

dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803840/14

Left Out: 3.169+/-0.000 χ^2/NDF:2224222956527831178689588557250560/7

Right Out: 4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777600/15

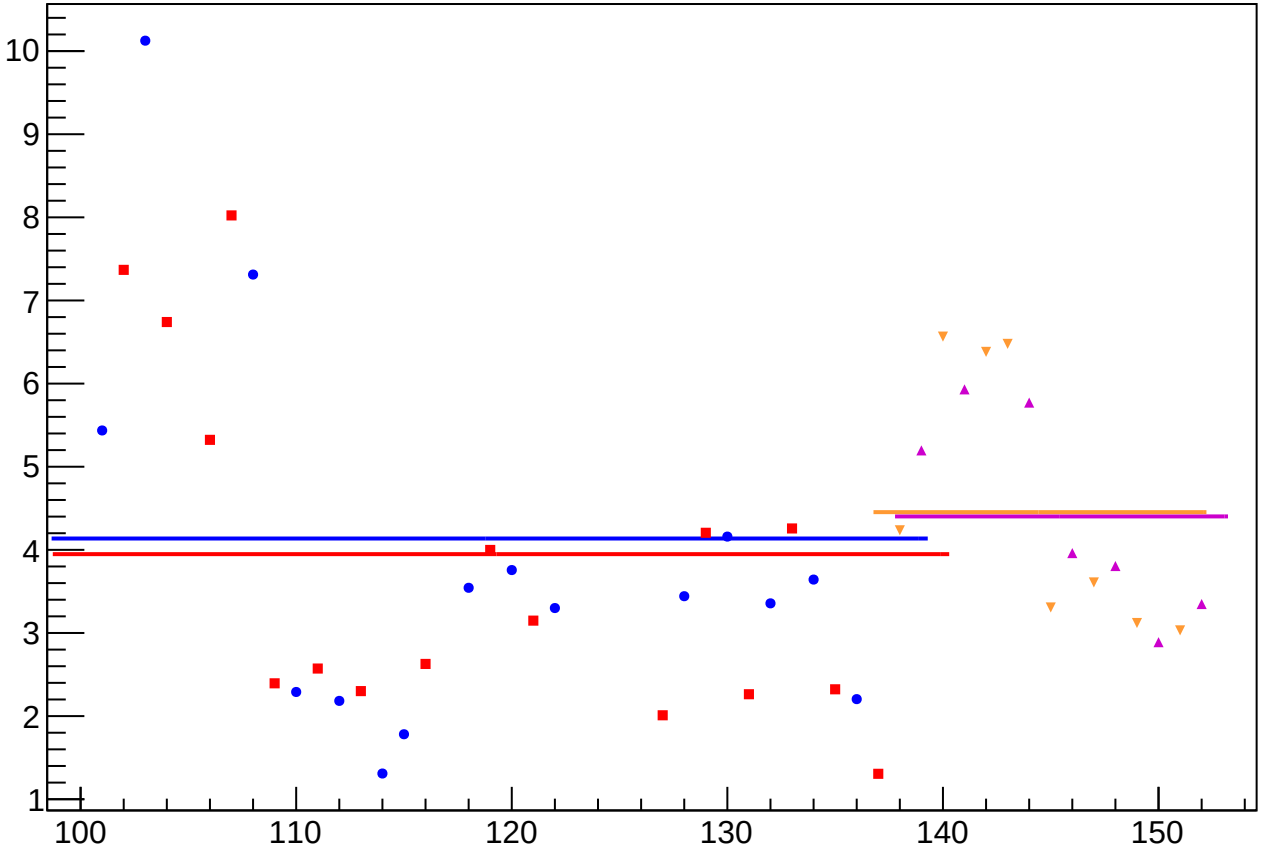
Left In: 3.743+/-0.000 χ^2/NDF:2904809879791031162186971165491200/6

+ sign 3.500+/-0.000 χ^2/NDF: 4141894469723834

All: 3.746+/-0.000 χ^2/NDF: 6744960406618

- sign 3.986+/-0.000 χ^2/NDF: 24546114413398035

dit_4eX_coil4_err_mean vs Slug



Right In: 4.136+/-0.000 χ^2/NDF: 35076006243886639198985054962319 36.0/14

Left Out: 4.454+/-0.000 χ^2/NDF:1282347212863387287115420533784576.0/7

Right Out: 3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005145 6.0/15

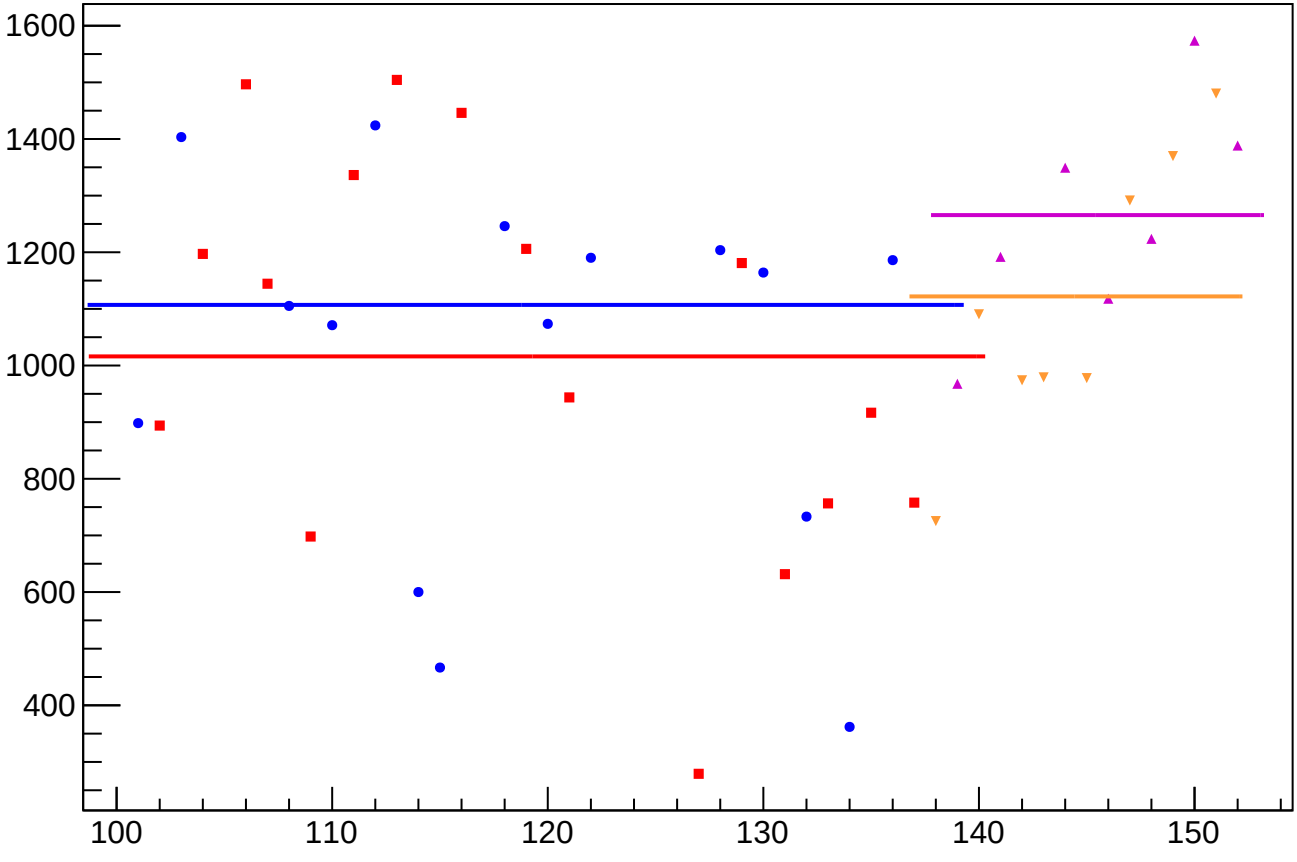
Left In: 4.402+/-0.000 χ^2/NDF:7675622345566214891295124194590 72.0/6

+ sign 4.288+/-0.000 χ^2/NDF: 4821141791925965 8

All: 4.225+/-0.000 χ^2/NDF: 8333663745147 6

- sign 4.163+/-0.000 χ^2/NDF: 3502788075994326 8

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1122.024+/-0.000 χ^2/NDF:33697884142269026327184813347743727616.0/7

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

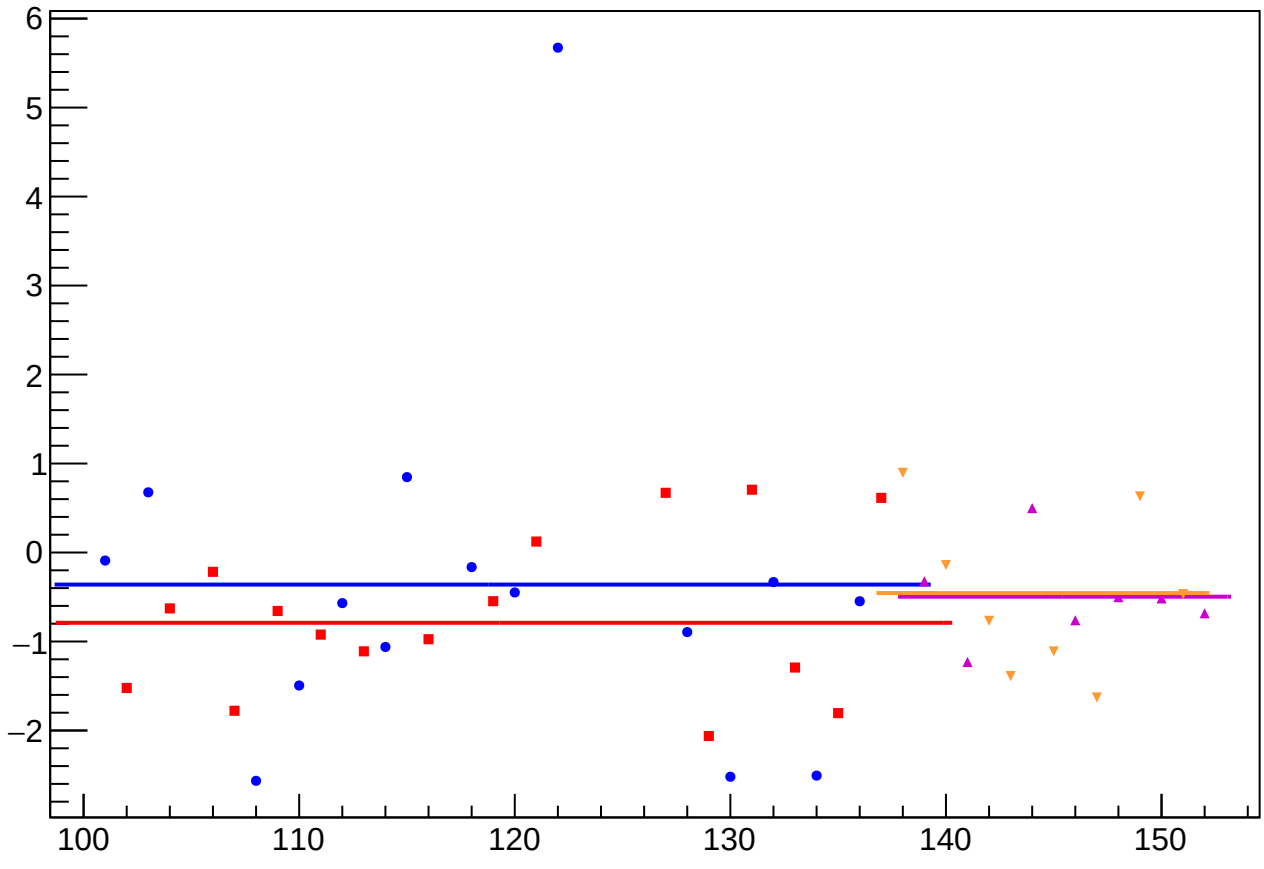
Left In: 1265.633+/-0.000 χ^2/NDF:2017079581364644341905605875057295 3600.0/6

+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3

All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0

- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5

dit_11X12X_coil4_mean vs Slug



Right In: -0.360+/-0.000 χ^2/NDF: 2180256348790896849346212178952192.0/14

+ sign -0.406+/-0.000 χ^2/NDF: 2637711568306782

Left Out: -0.455+/-0.000 χ^2/NDF:4546444991254599830782221316259 84.0/7

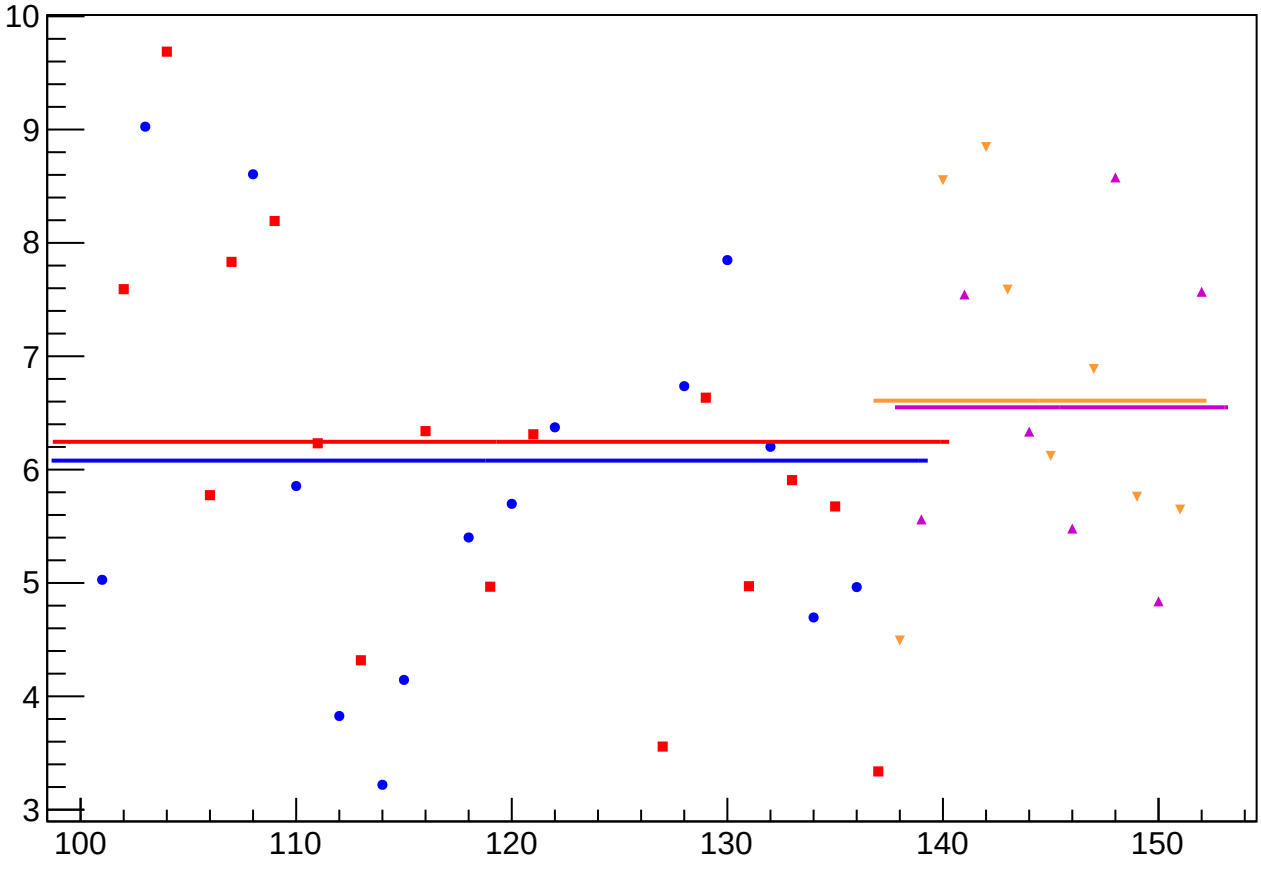
All: -0.529+/-0.000 χ^2/NDF: 3310833099243

Right Out: -0.790+/-0.000 χ^2/NDF: 4630783690733439598034229038940 16.0/15

- sign -0.651+/-0.000 χ^2/NDF: 6354635423536534 1

Left In: -0.496+/-0.000 χ^2/NDF:1452320682330532019887705402900 48.0/6

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF: 1590295171022705157509900448825344.0/14

Left Out: 6.608+/-0.000 χ^2/NDF:1110591091718463942859088887545856.0/7

Right Out: 6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

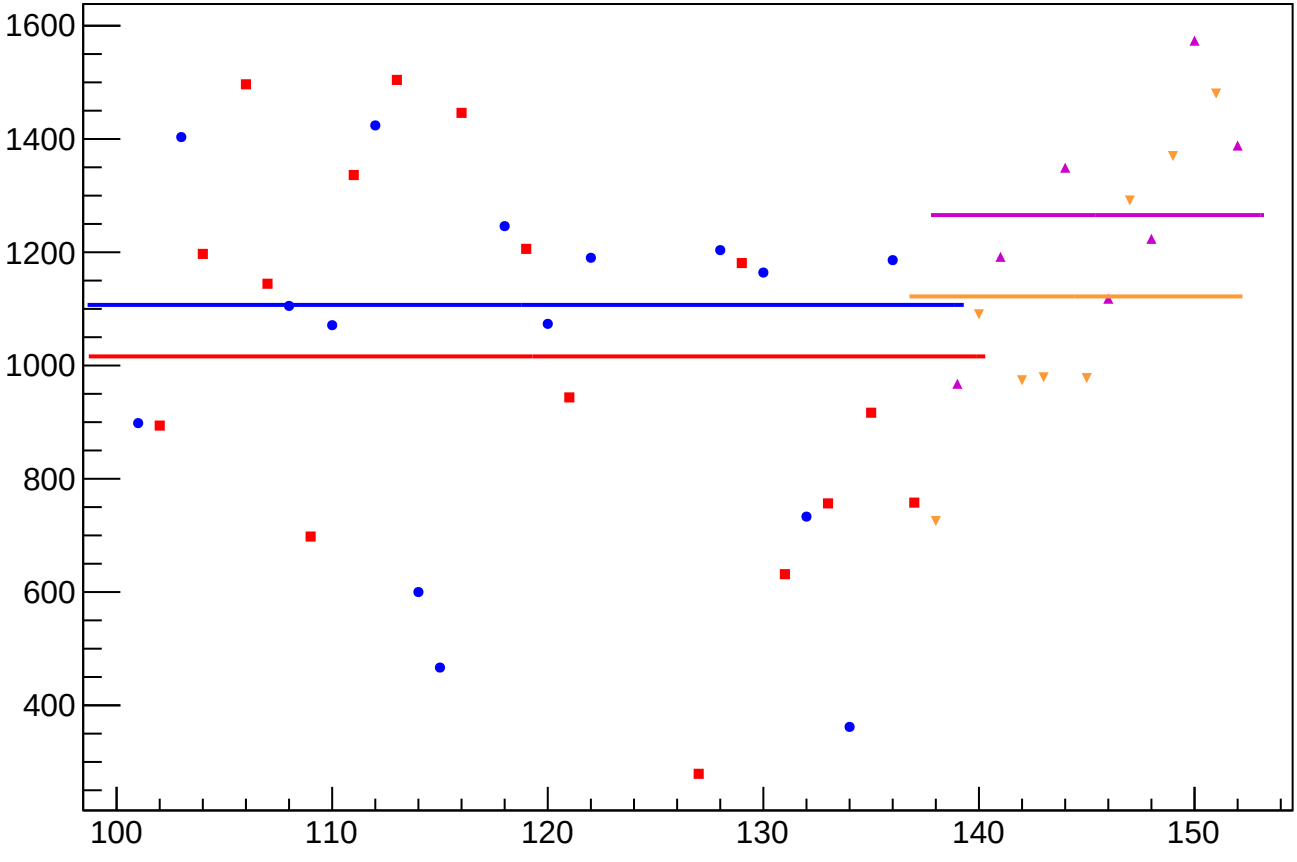
Left In: 6.550+/-0.000 χ^2/NDF:9649837919405793110858326595338 24.0/6

+ sign 6.332+/-0.000 χ^2/NDF: 2787540665968001 3

All: 6.361+/-0.000 χ^2/NDF: 5600394178303 0

- sign 6.390+/-0.000 χ^2/NDF: 2810773044465714 0

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1122.024+/-0.000 χ^2/NDF:336978841422690263271848133477437276 16.0/7

Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

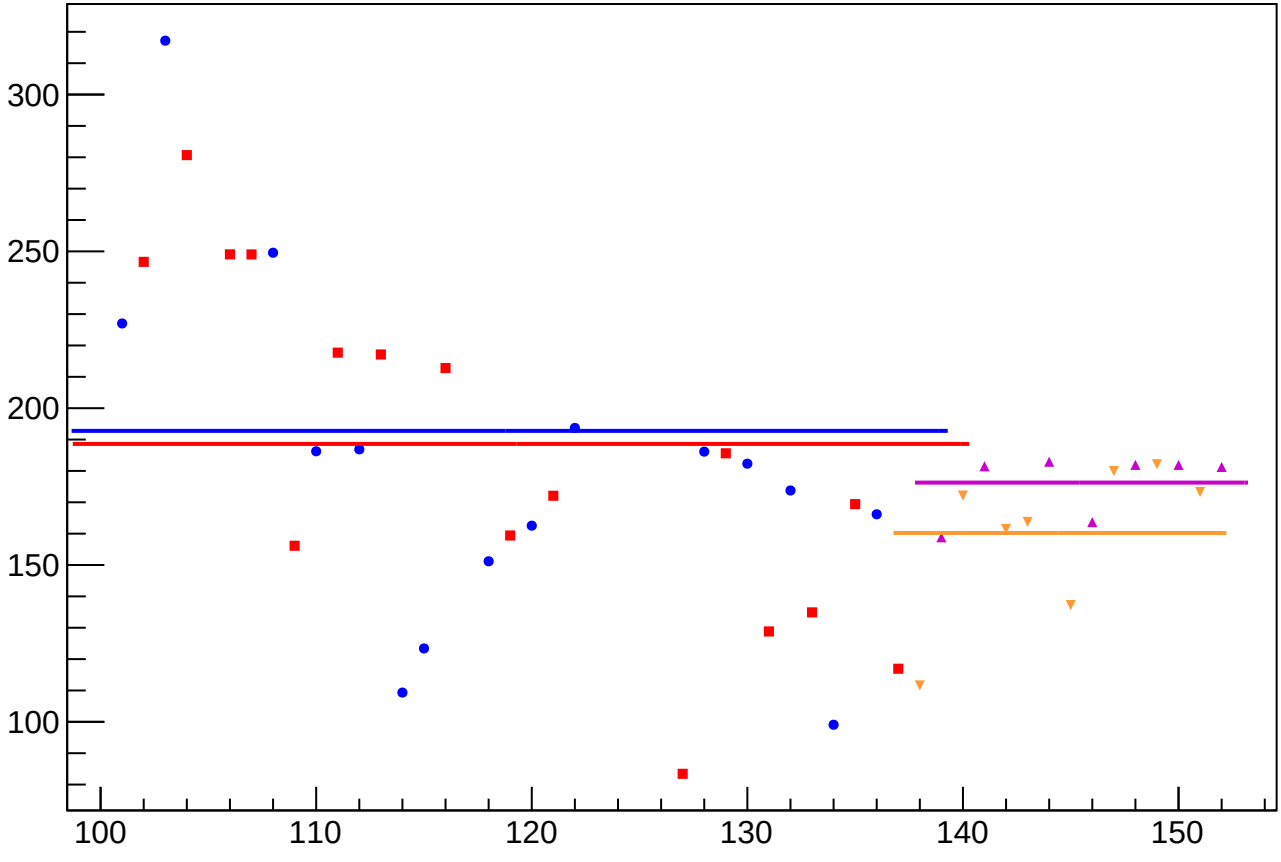
Left In: 1265.633+/-0.000 χ^2/NDF:201707958136464434190560587505729536 00.0/6

+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3

All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0

- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

+ sign 177.232+/-0.000 χ^2/NDF: 229235589023941

Left Out: 160.225+/-0.000 χ^2/NDF:323553186434959598428647203339763712.0/7

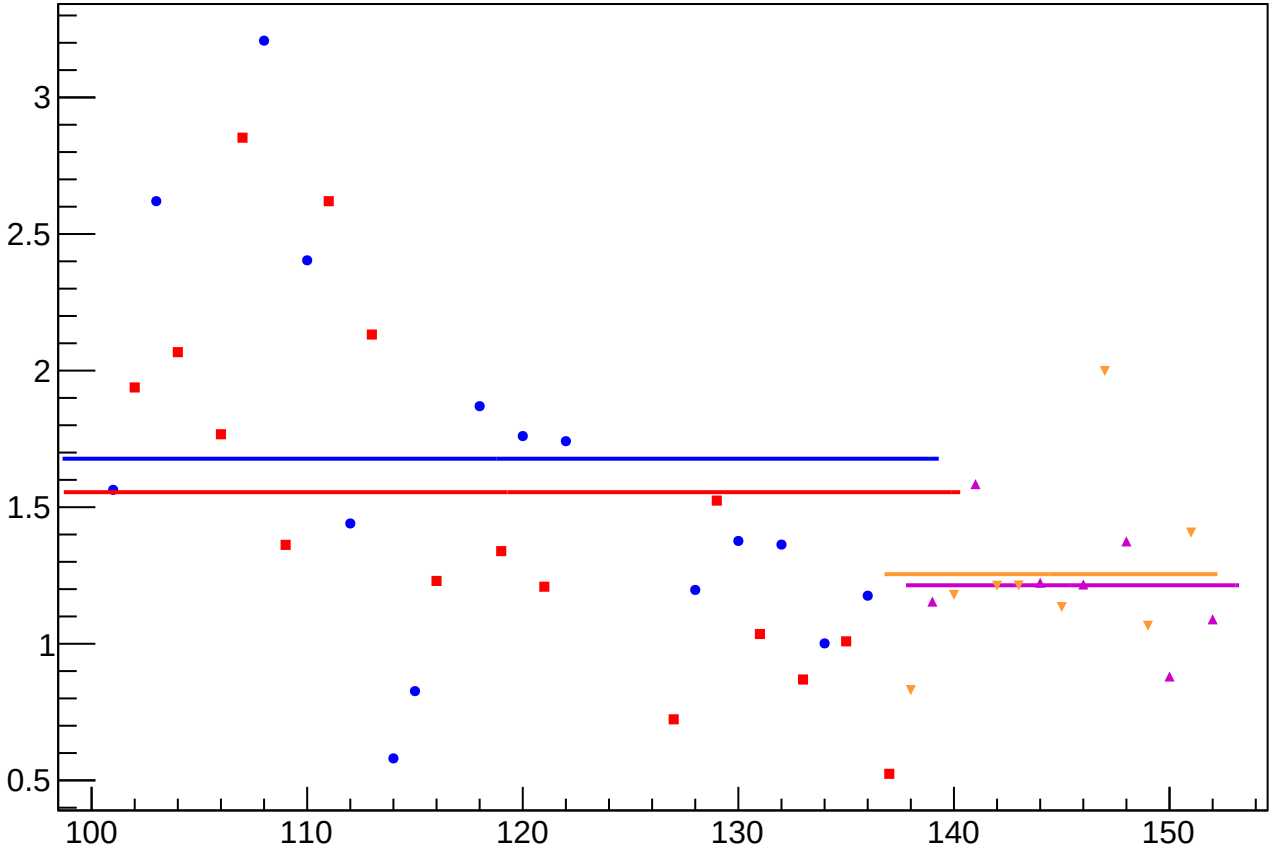
All: 180.029+/-0.000 χ^2/NDF: 43337498833

Right Out: 188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

- sign 182.772+/-0.000 χ^2/NDF: 202214315267369

Left In: 176.280+/-0.000 χ^2/NDF:5176571236526365962409275281113088 0.0/6

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

+ sign 1.476+/-0.000 χ^2/NDF: 36101583896524583

Left Out: 1.255+/-0.000 χ^2/NDF:63791776659855005489282729115648.0/7

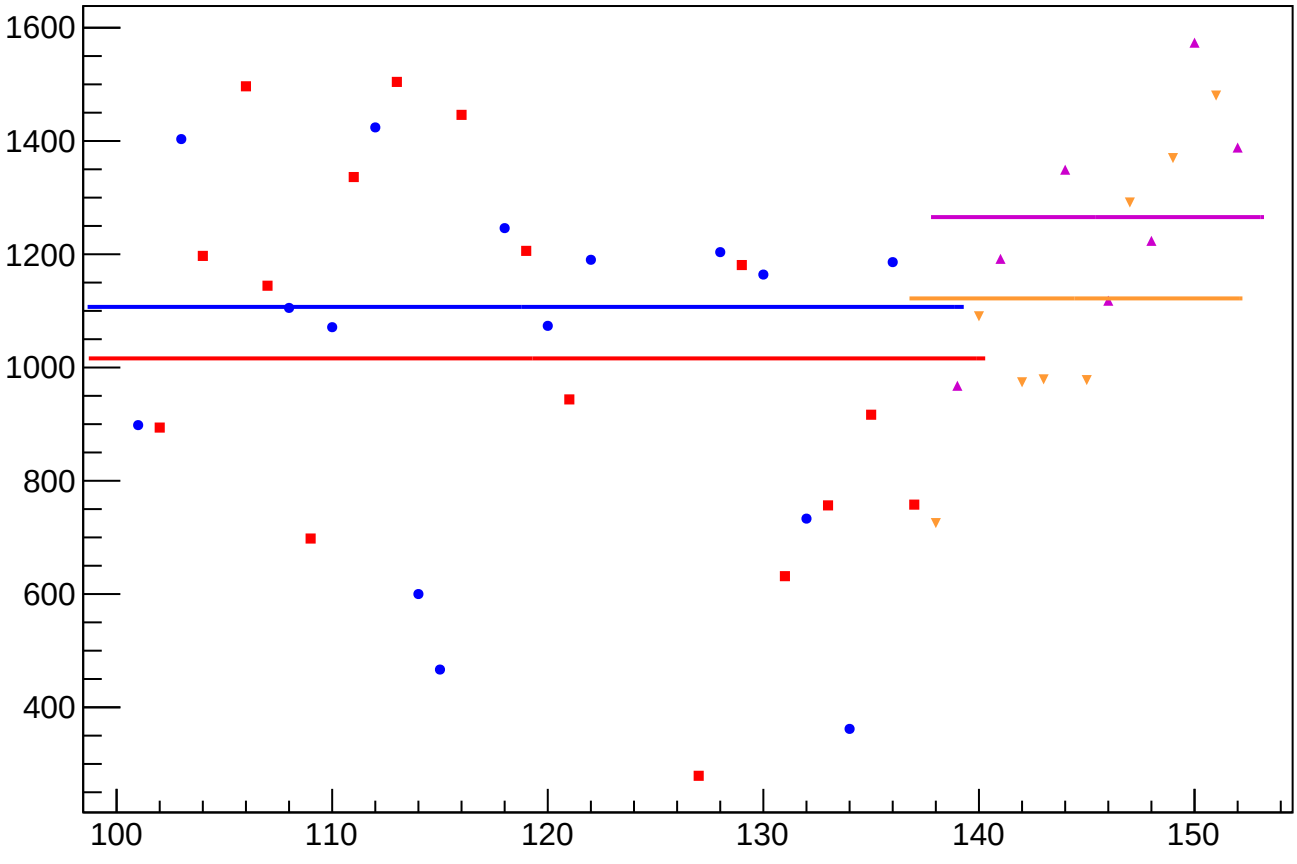
All: 1.434+/-0.000 χ^2/NDF: 6831969836838 4

Right Out: 1.555+/-0.000 χ^2/NDF: 25564595143389029682767719510835 2.0/15

- sign 1.394+/-0.000 χ^2/NDF: 31795631356567976

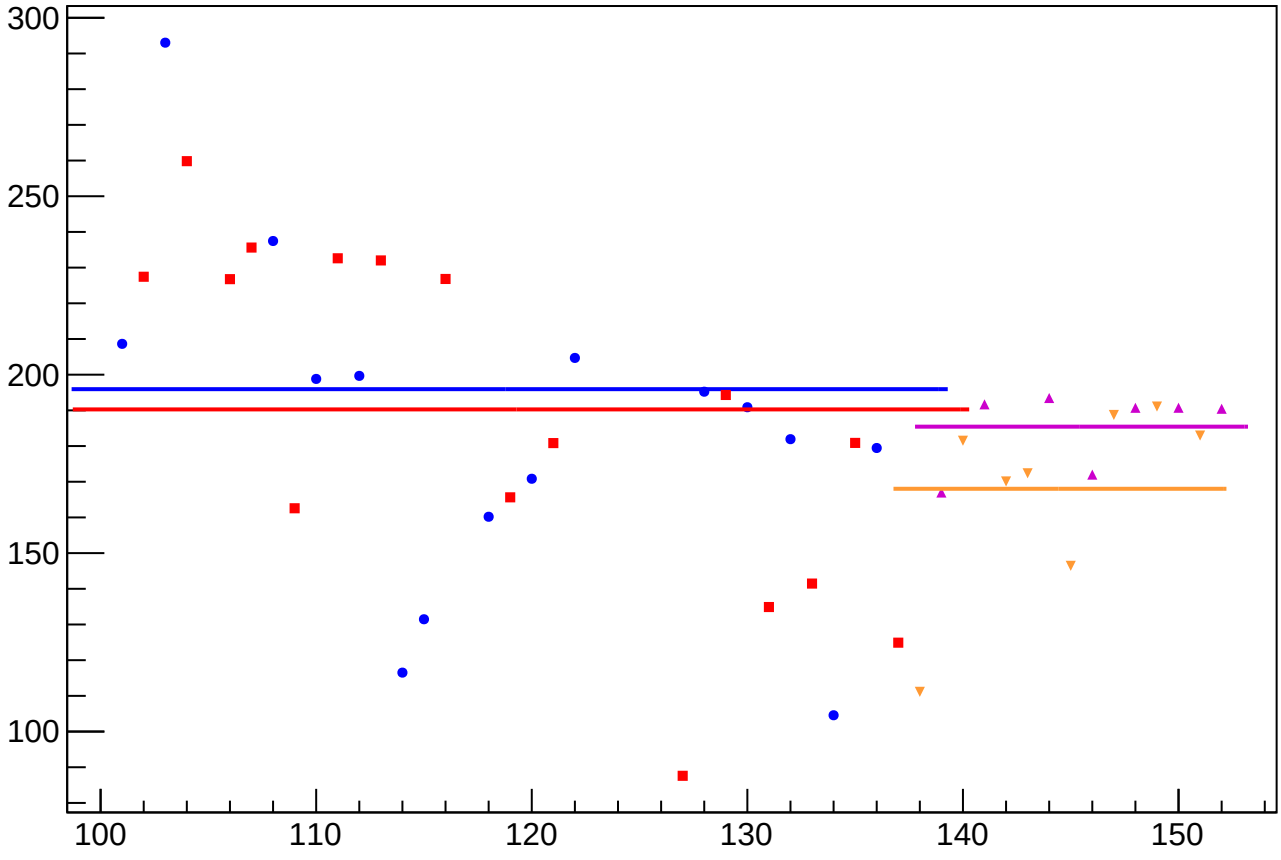
Left In: 1.214+/-0.000 χ^2/NDF:25625170464848923079466979164160.0/6

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3
Left Out: 1122.024+/-0.000 χ^2/NDF:336978841422690263271848133477437276 16.0/7
All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15
- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5
Left In: 1265.633+/-0.000 χ^2/NDF:2017079581364644341905605875057295360 0.0/6

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Left Out: 168.028+/-0.000 χ^2/NDF:4016859019309959042714578157117112 32.0/7

Right Out: 190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

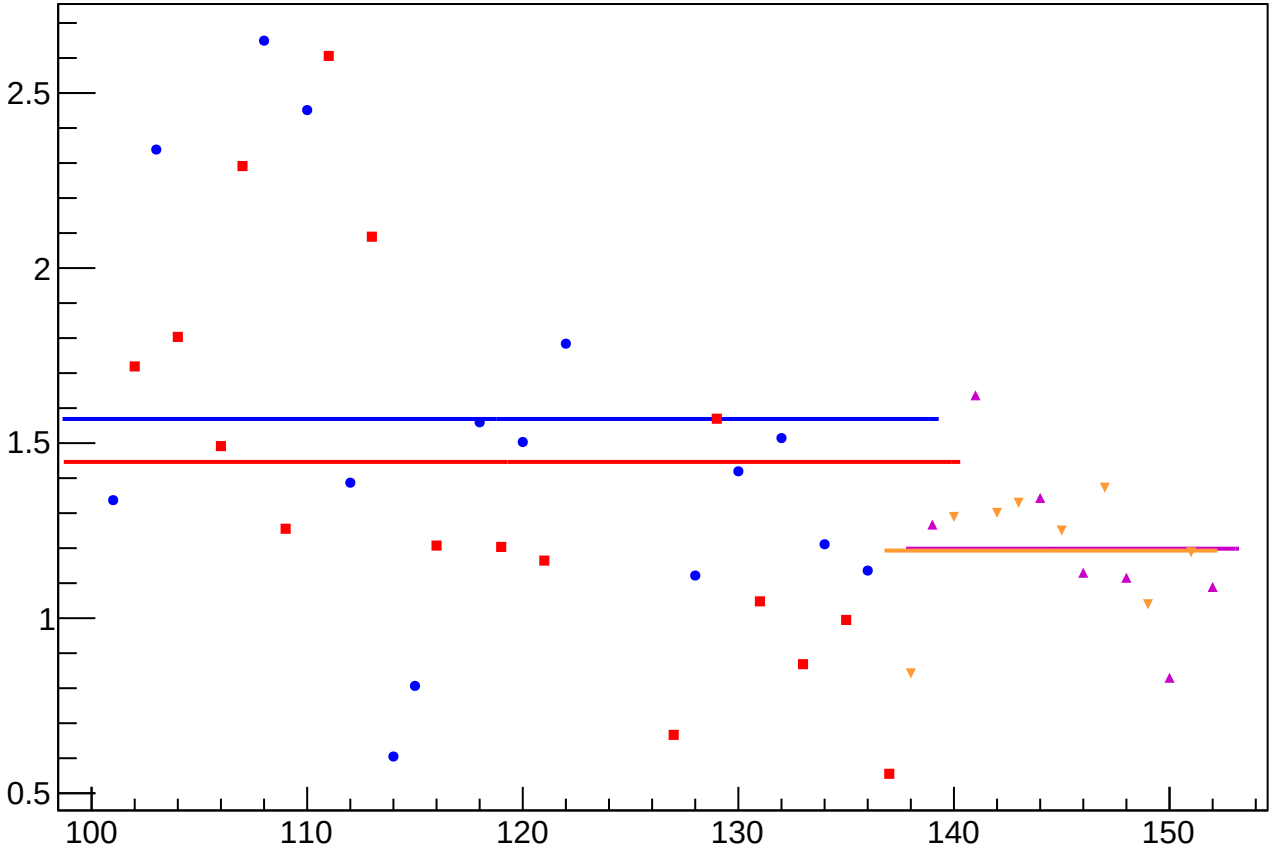
Left In: 185.435+/-0.000 χ^2/NDF:5873460218333595093584315159884595 2.0/6

+ sign 182.613+/-0.000 χ^2/NDF: 170099534974801

All: 185.323+/-0.000 χ^2/NDF: 32536370629 3

- sign 187.979+/-0.000 χ^2/NDF: 153458576370084

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569+/-0.000 χ^2/NDF: 162849195668123380789610540957696.0/14

Left Out: 1.193+/-0.000 χ^2/NDF:16897715166780285440442916405248.0/7

Right Out: 1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

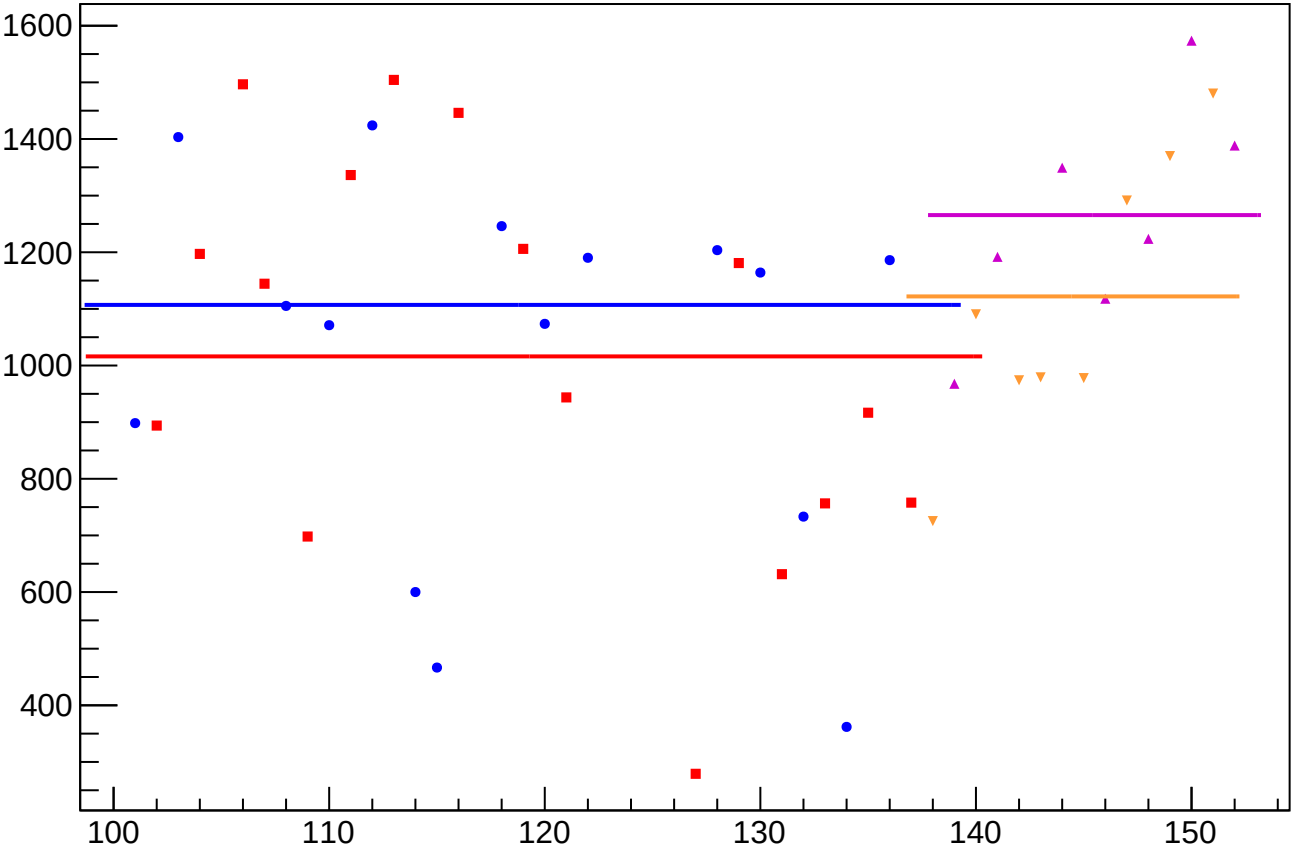
Left In: 1.199+/-0.000 χ^2/NDF:32948014681831749804964448305152.0/6

+ sign 1.390+/-0.000 χ^2/NDF: 2235287008634168

All: 1.359+/-0.000 χ^2/NDF: 4744670848149

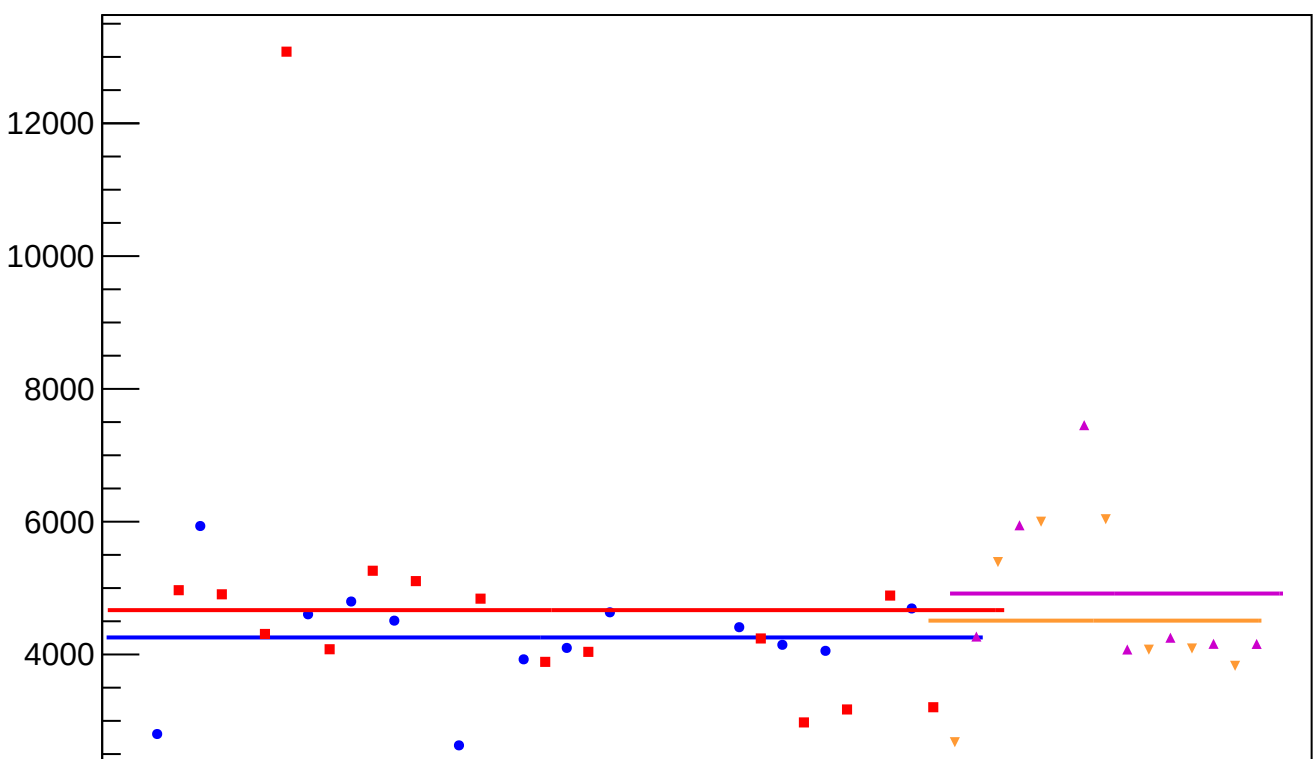
- sign 1.329+/-0.000 χ^2/NDF: 24863930923724892

dit_4eY_coil4_Ndata_mean vs Slug



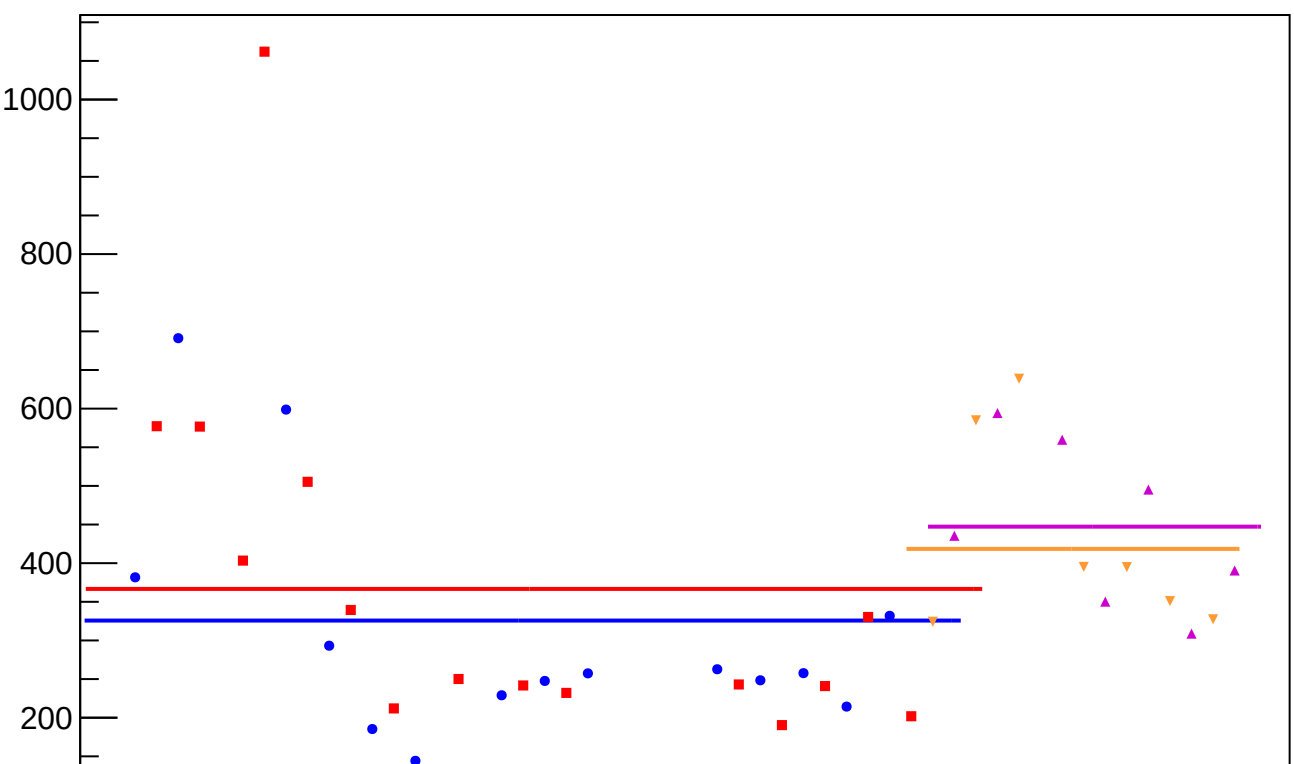
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3
Left Out: 1122.024+/-0.000 χ^2/NDF:33697884142269026327184813347743727616.0/7
All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1134.272+/-0.000 χ^2/NDF: 11240532642915
Left In: 1265.633+/-0.000 χ^2/NDF:20170795813646443419056058750572953600.0/6

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000 χ^2/NDF: 49860541255162485967245495415957618688 0.0/14
+ sign 4369.776+/-0.000 χ^2/NDF: 11990238185413
Left Out: 4509.681+/-0.000 χ^2/NDF:6817784878331286107275201511884618465 28.0/6
All: 4585.810+/-0.000 χ^2/NDF: 5420993467 4
Right Out: 4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15
- sign 4786.157+/-0.000 χ^2/NDF: 41162757670352
Left Out: 4509.681+/-0.000 χ^2/NDF:8946303249677842685142788376711303004 16.0/6

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 418.488+/-0.000 χ^2/NDF:630493355166460515497332604692699545 6.0/6

Right Out: 366.682+/-0.000 χ^2/NDF: 320972506999479564091174401153989345 28.0/15

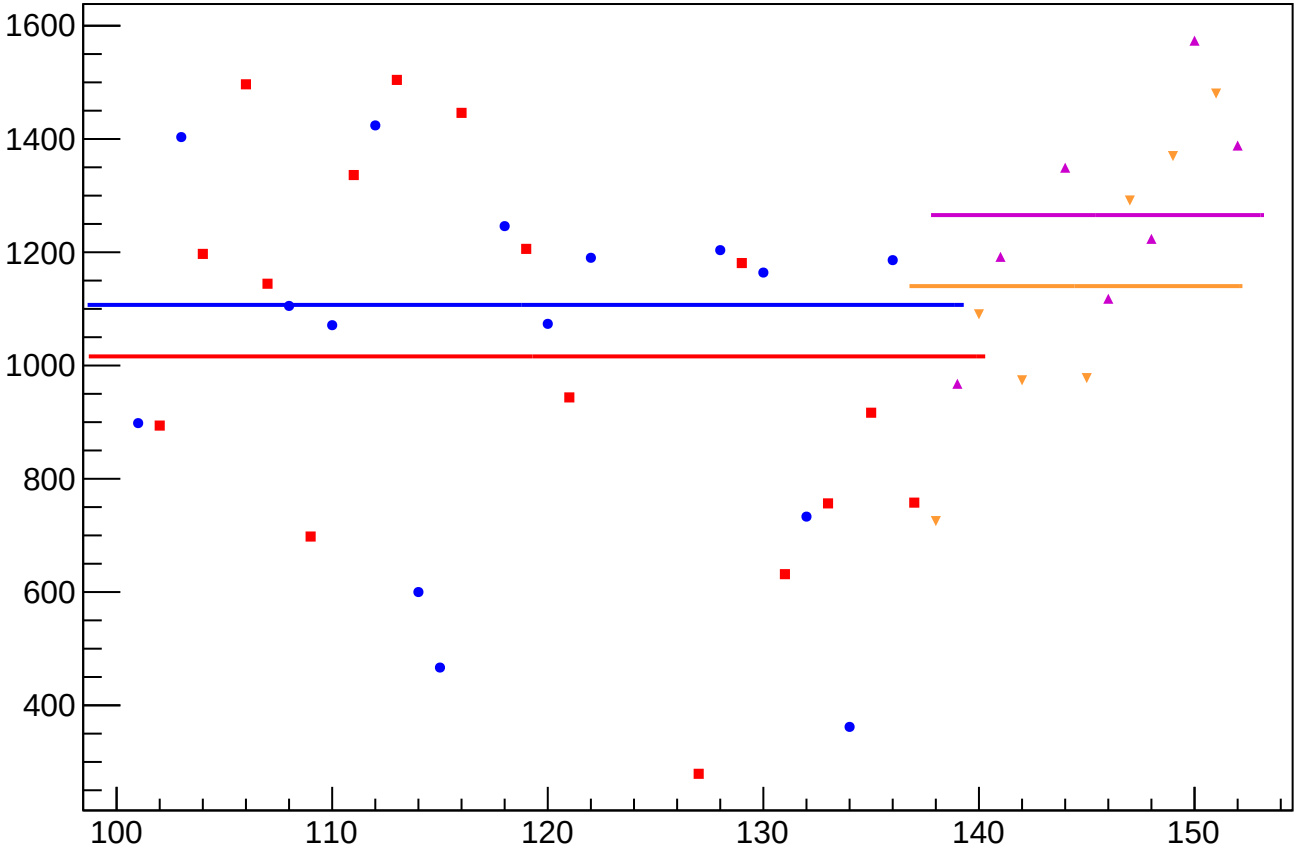
Left In: 447.265+/-0.000 χ^2/NDF:597498693400023883221503849014702899 2.0/6

+ sign 367.255+/-0.000 χ^2/NDF: 23437937875656 9

All: 386.757+/-0.000 χ^2/NDF: 6442256274 02

- sign 404.843+/-0.000 χ^2/NDF: 401233087762148

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1140.228+/-0.000 χ^2/NDF:3215503136502268384741141197028641 9968.0/6

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

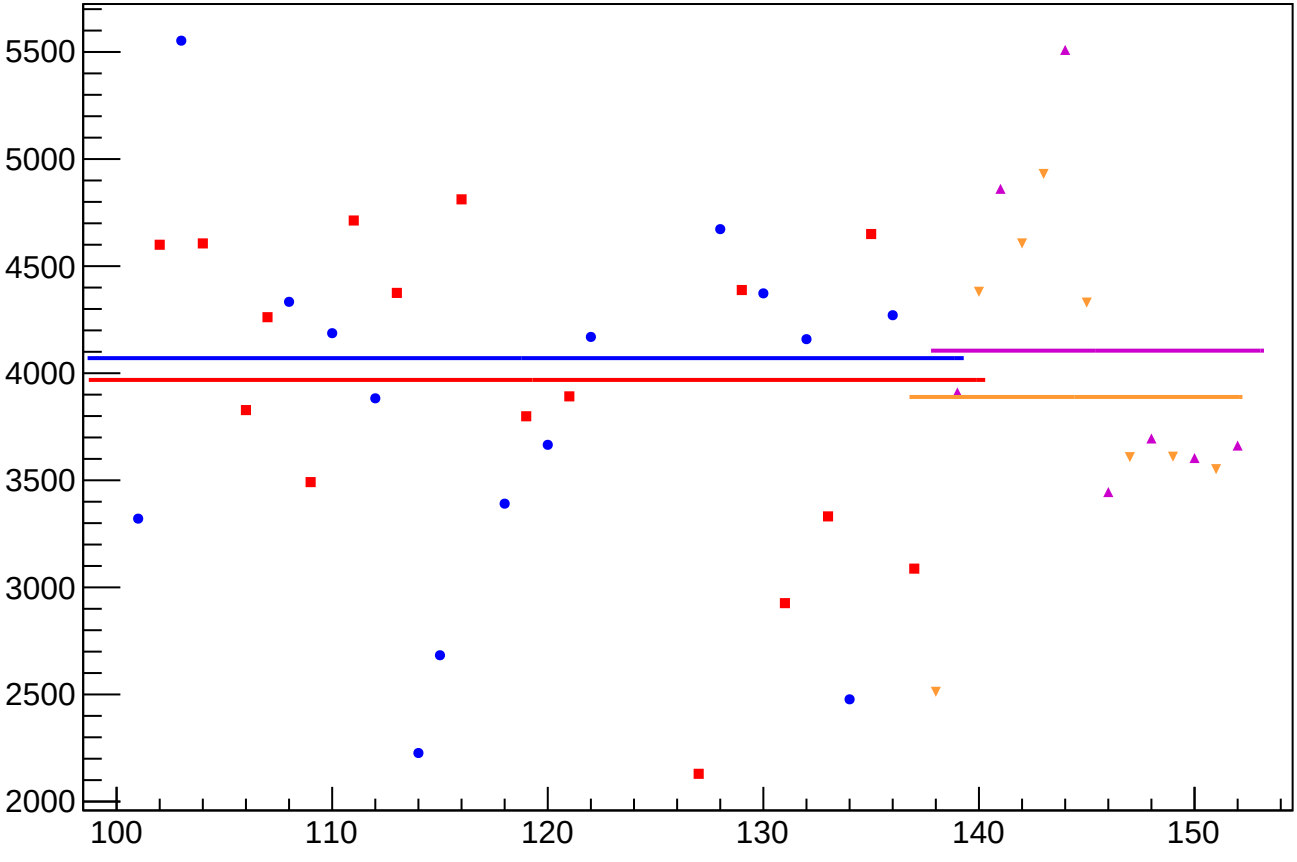
Left In: 1265.633+/-0.000 χ^2/NDF:2017079581364644341905605875057295 3600.0/6

+ sign 1121.904+/-0.000 χ^2/NDF: 7310863044322 6

All: 1128.321+/-0.000 χ^2/NDF: 1856072179 8

- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

+ sign 3983.881+/-0.000 χ^2/NDF: 6545516910981 8

Left Out: 3889.143+/-0.000 χ^2/NDF:3010845150635499444522997941865063383 04.0/7

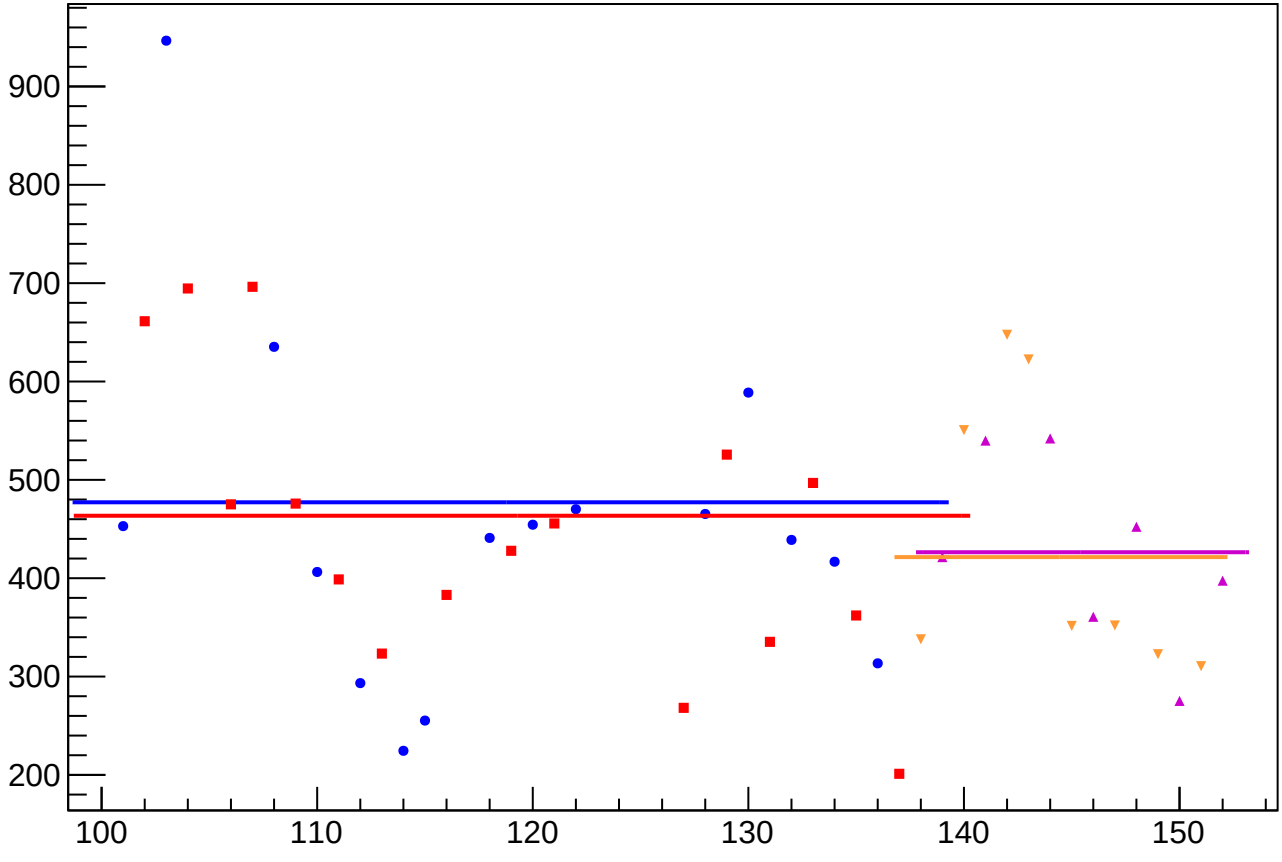
All: 4008.913+/-0.000 χ^2/NDF: 1339347306 4

Right Out: 3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

- sign 4033.451+/-0.000 χ^2/NDF: 6832544997131 8

Left In: 4105.407+/-0.000 χ^2/NDF:3173974618268035302740342102224483123 20.0/6

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 421.460+/-0.000 χ^2/NDF:9508299495629576985389965894014205952.0/7

Right Out: 463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

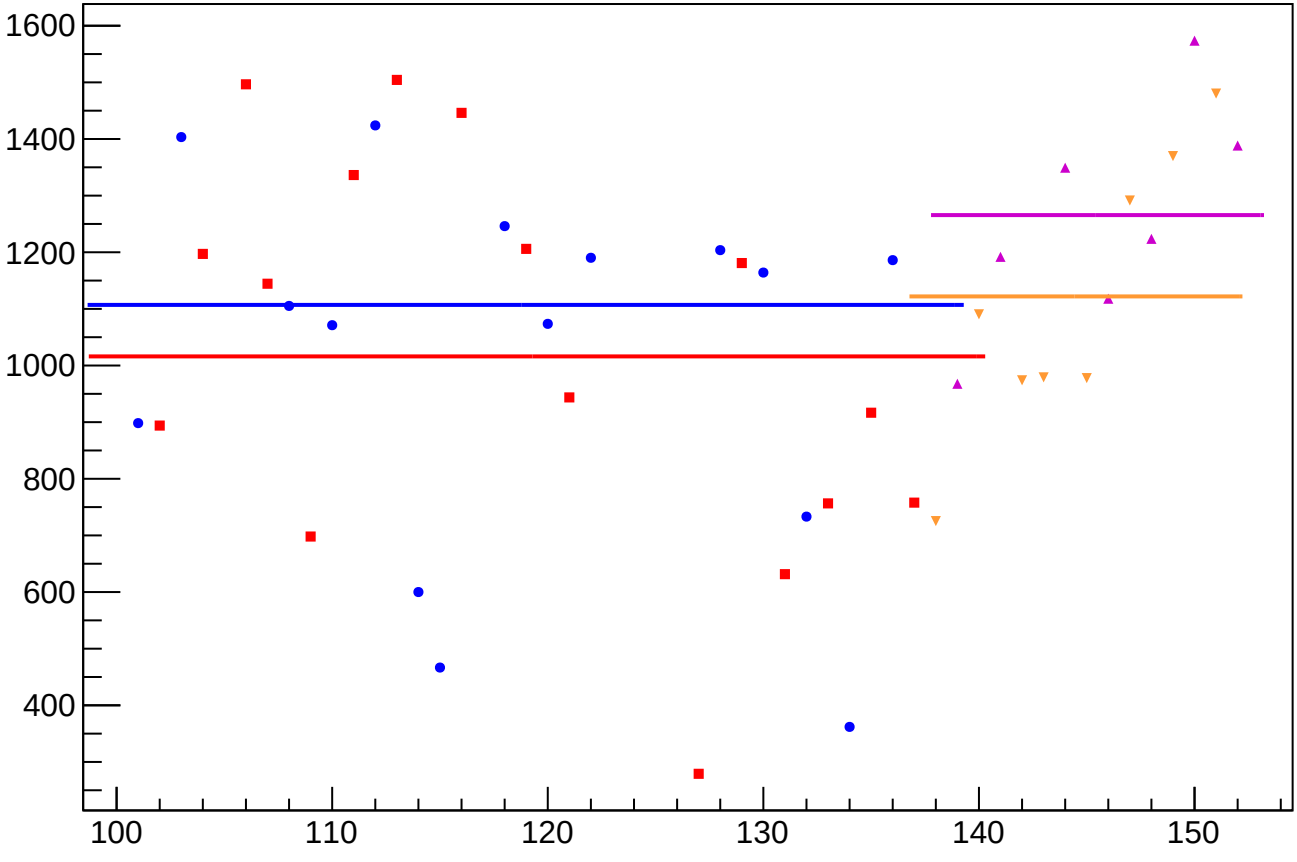
Left In: 426.416+/-0.000 χ^2/NDF:4854144384091912940948249854768840704.0/6

+ sign 450.579+/-0.000 χ^2/NDF: 309263120278155

All: 448.239+/-0.000 χ^2/NDF: 48785383863

- sign 445.945+/-0.000 χ^2/NDF: 178456023512914

dit_usr_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1122.024+/-0.000 χ^2/NDF:336978841422690263271848133477437276 16.0/7

Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

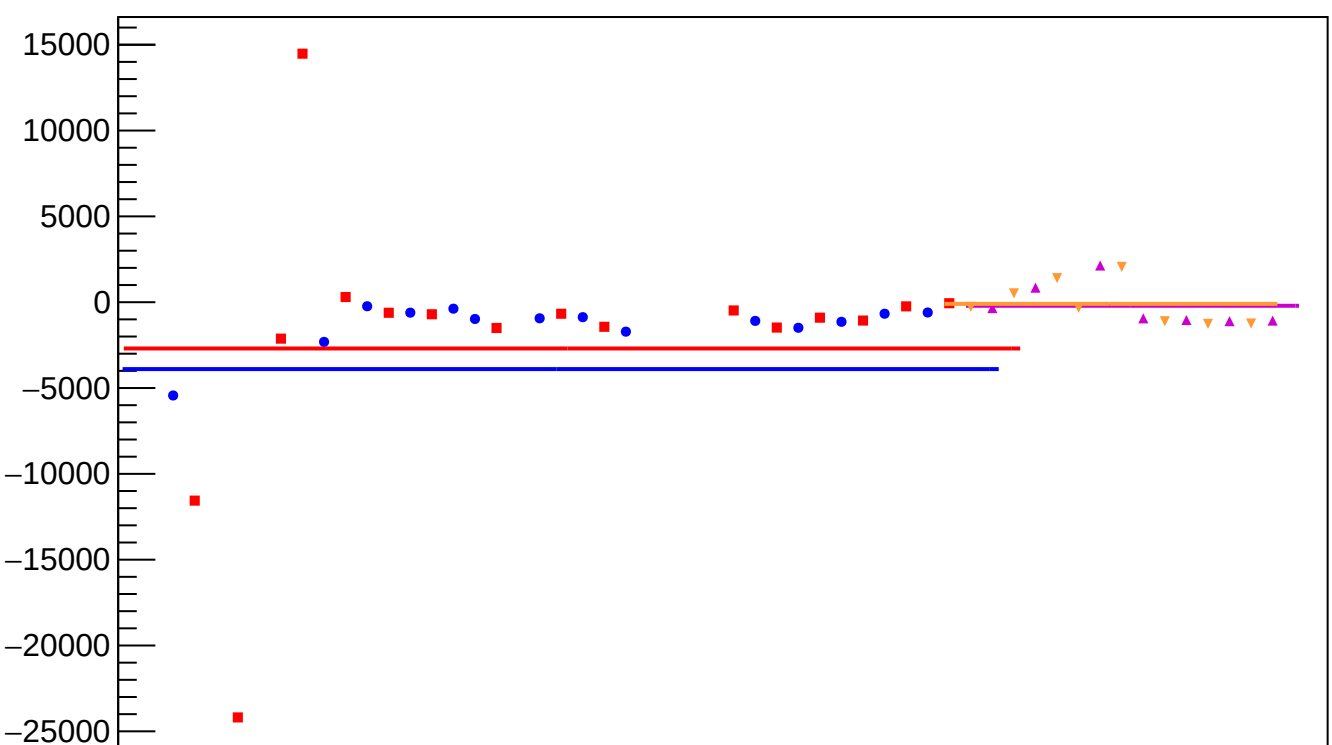
Left In: 1265.633+/-0.000 χ^2/NDF:201707958136464434190560587505729536 00.0/6

+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3

All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0

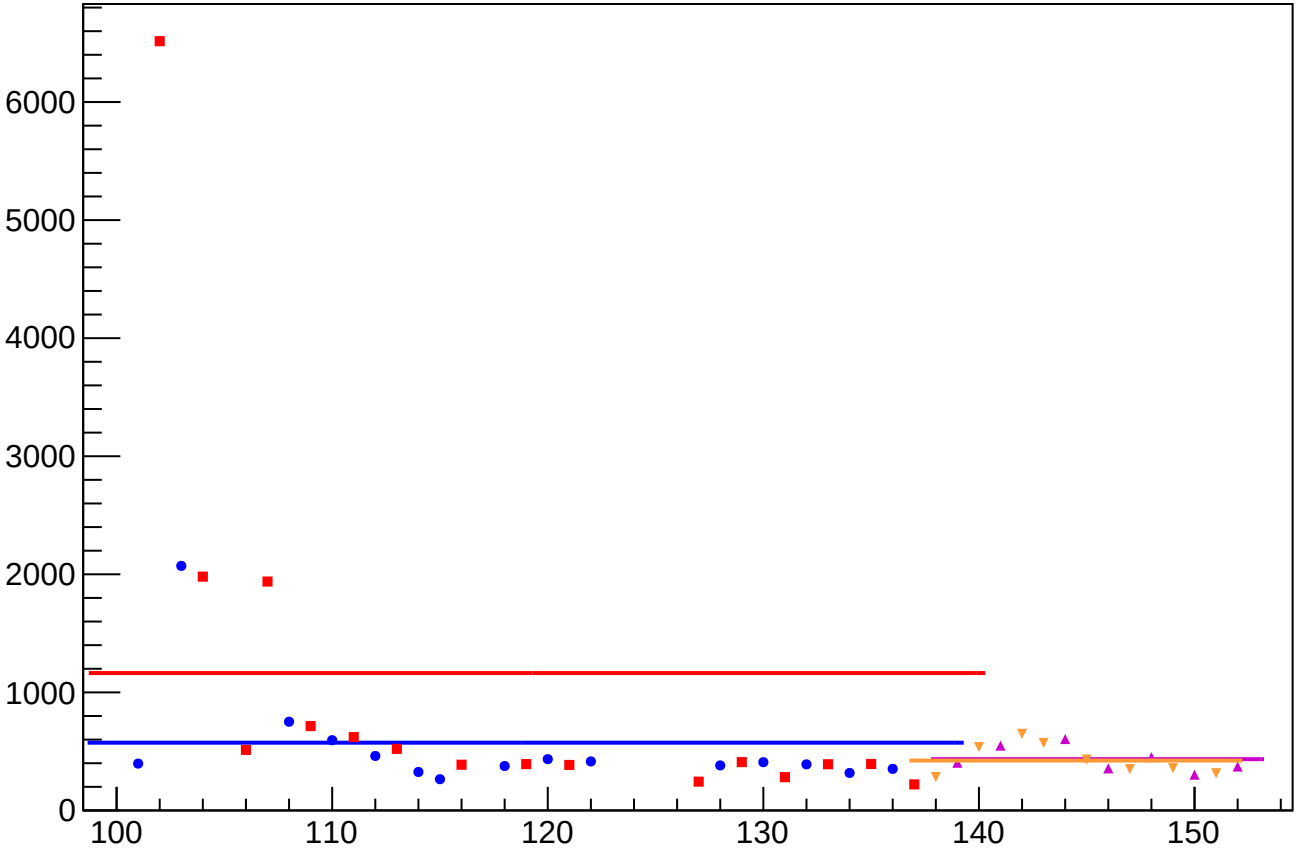
- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5

dit_atl1_coil4_mean vs Slug



Right In: -3896.522+/-0.000 χ^2/NDF: 39618598516481020448248440670012984786944.0/14
+ sign -2082.455+/-0.000 χ^2/NDF: 4490210363010
Left Out: -97.077+/-0.000 χ^2/NDF:810306463746375985443271326446156513280.0/7
All: -1797.190+/-0.000 χ^2/NDF: 8870667993
Right Out: -2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
- sign -1517.554+/-0.000 χ^2/NDF: 4360443251683
Left In: -207.524+/-0.000 χ^2/NDF:825989149750309477810360651995653603328.0/6

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF: 15210522988916042301849370958239052595 2.0/14

+ sign 501.831+/-0.000 χ^2/NDF: 16730792850854 9

Left Out: 422.785+/-0.000 χ^2/NDF:811209028874429684849021478835847168 0.0/7

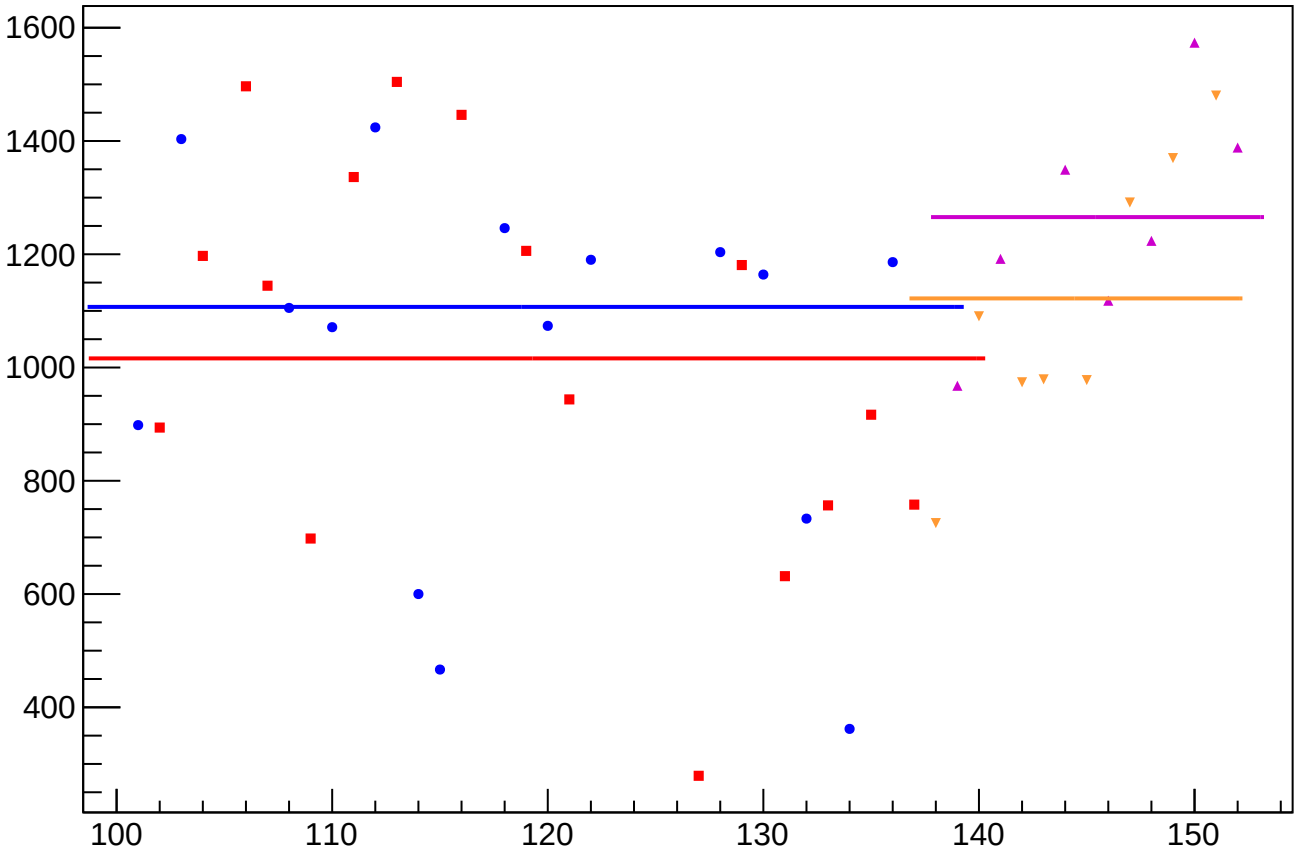
All: 661.702+/-0.000 χ^2/NDF: 24074842764 6

Right Out: 1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15

- sign 818.419+/-0.000 χ^2/NDF: 217731438342143

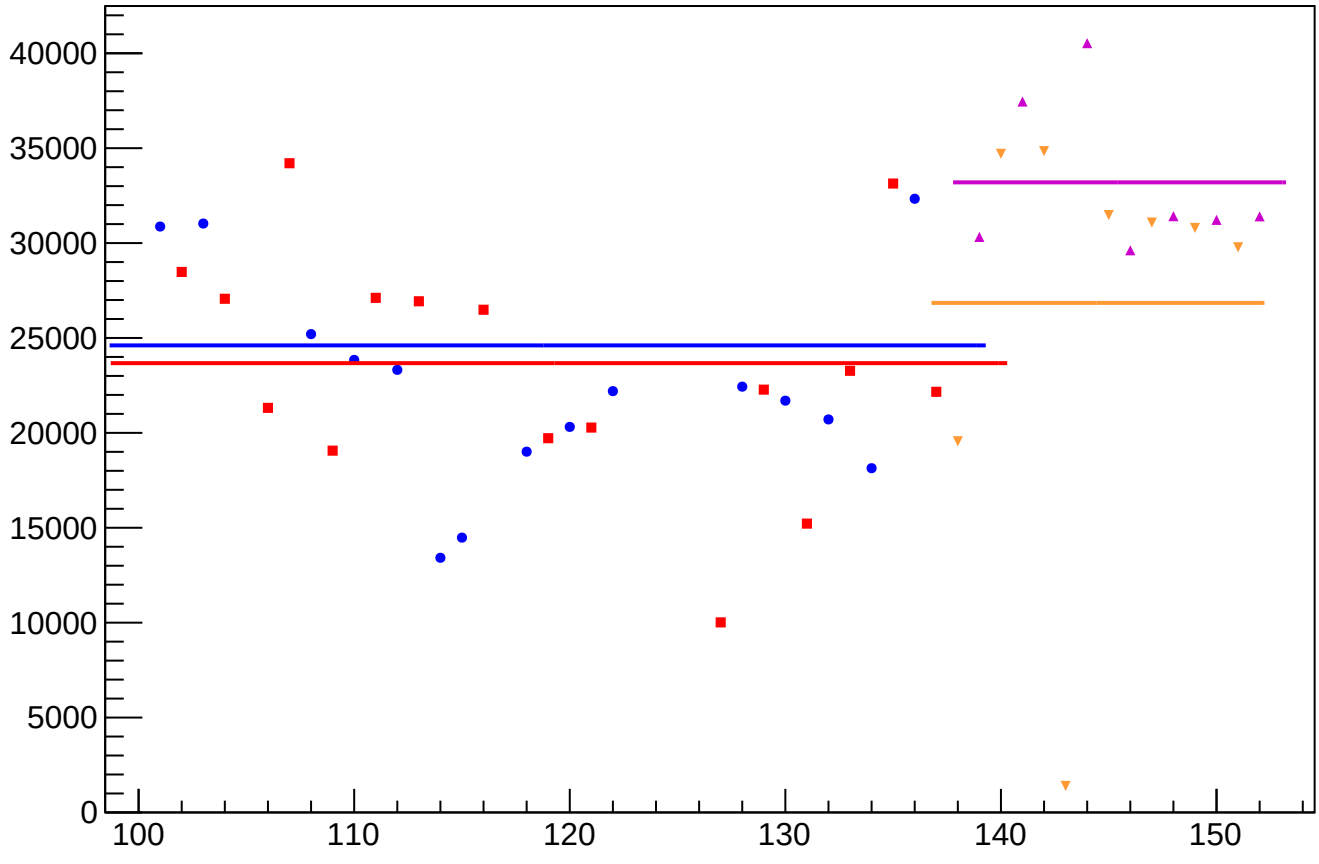
Left In: 434.586+/-0.000 χ^2/NDF:62057728599222821701418070223418818 56.0/6

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3
Left Out: 1122.024+/-0.000 χ^2/NDF:33697884142269026327184813347743727616.0/7
All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1134.272+/-0.000 χ^2/NDF: 11240532642915
Left In: 1265.633+/-0.000 χ^2/NDF:2017079581364644341905605875057295 3600.0/6

dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Left Out: 26848.548+/-0.000 χ^2/NDF:6065075504296742143587906257707369653862 4.0/7

Right Out: 23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

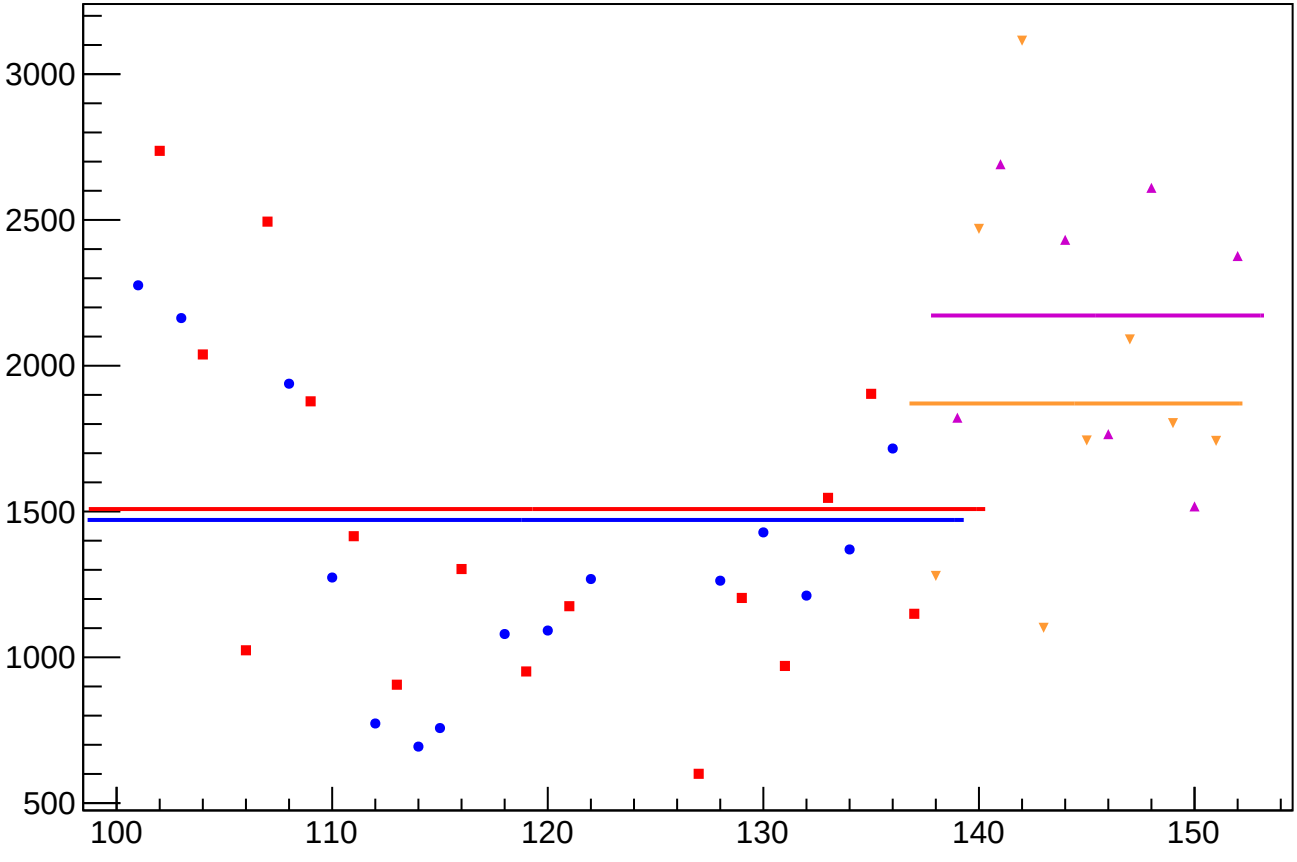
Left In: 33198.909+/-0.000 χ^2/NDF:8962048153288768508637518986987998019584.0/6

+ sign 25678.160+/-0.000 χ^2/NDF: 7976085787319

All: 26943.856+/-0.000 χ^2/NDF: 1461440239

- sign 28184.579+/-0.000 χ^2/NDF: 6244308867427

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF: 139174979420467841073894167956452016128.0/14

Left Out: 1870.508+/-0.000 χ^2/NDF:174277429254402939592678849409980563456.0/7

Right Out: 1508.451+/-0.000 χ^2/NDF: 250085163770425050605763446985715613696.0/15

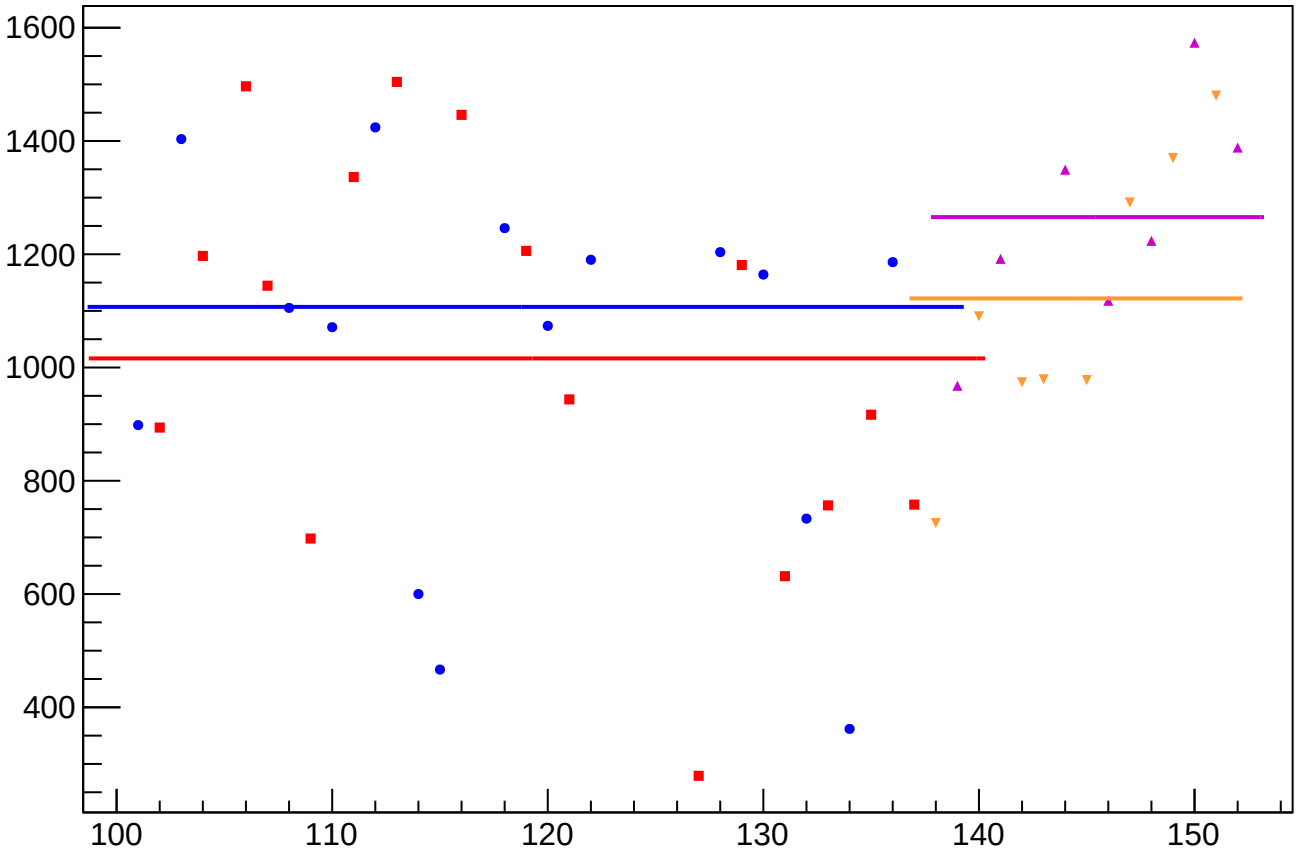
Left In: 2172.283+/-0.000 χ^2/NDF:111305671494696125437339637253748555776.0/6

+ sign 1661.797+/-0.000 χ^2/NDF: 36288610233747

All: 1743.108+/-0.000 χ^2/NDF: 8797310081

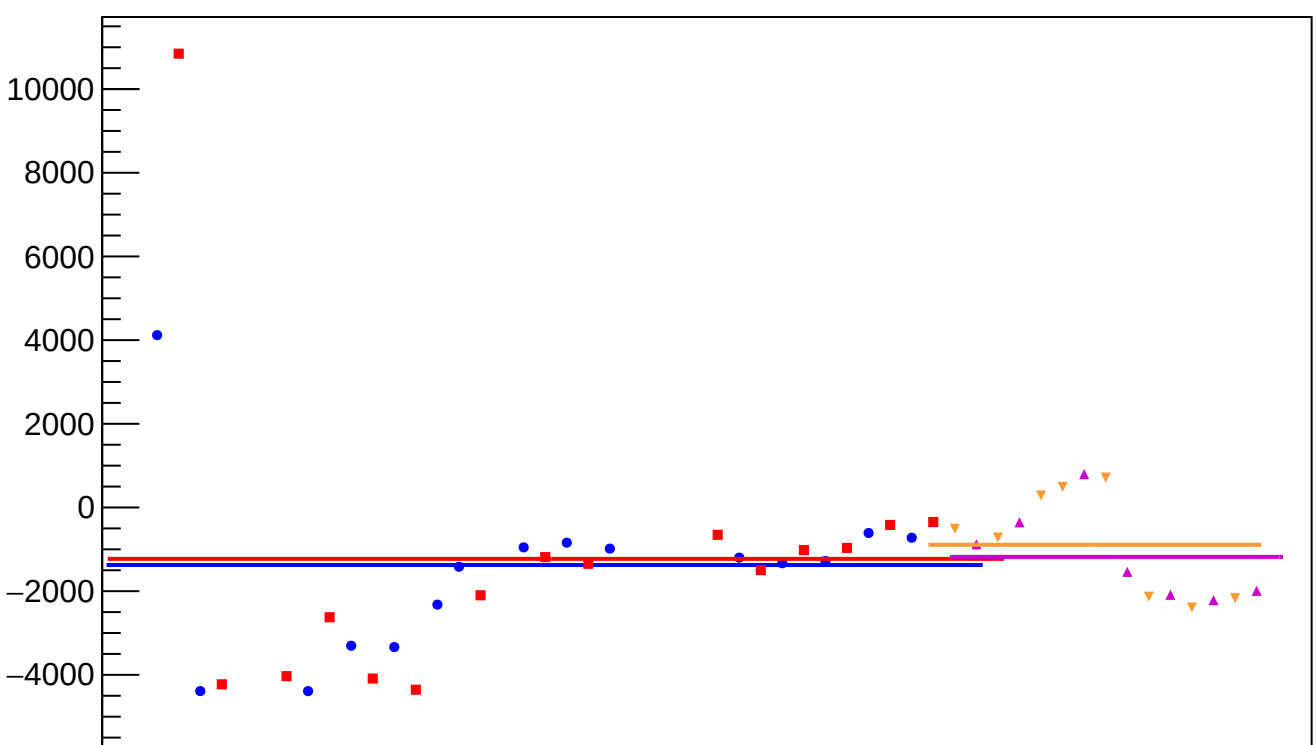
- sign 1822.815+/-0.000 χ^2/NDF: 50058393216049

dit_atl2_coil4_Ndata_mean vs Slug



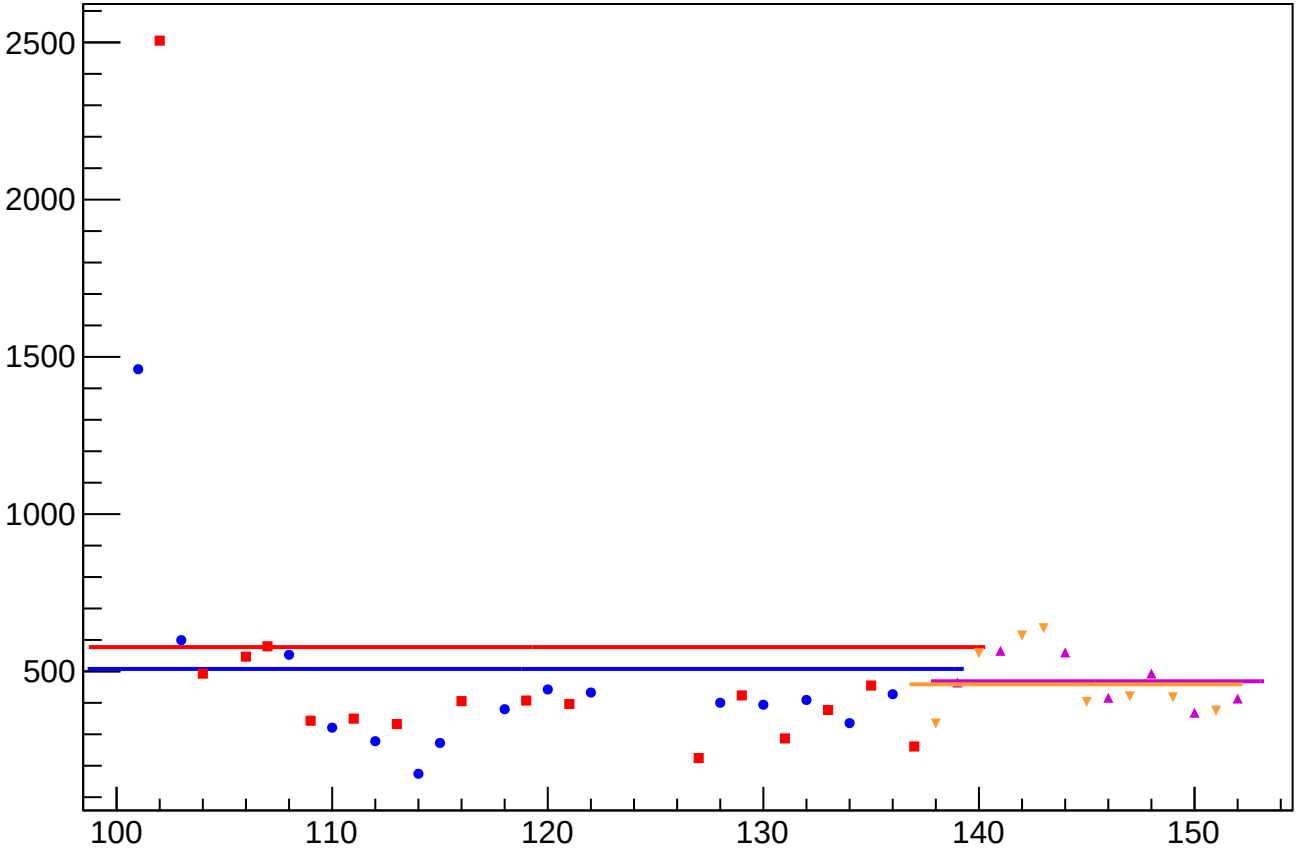
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3
Left Out: 1122.024+/-0.000 χ^2/NDF:33697884142269026327184813347743727616.0/7
All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1134.272+/-0.000 χ^2/NDF: 11240532642915
Left In: 1265.633+/-0.000 χ^2/NDF:2017079581364644341905605875057295 3600.0/6

dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
+ sign -1143.872+/-0.000 χ^2/NDF: 3993870861000
Left Out: -891.454+/-0.000 χ^2/NDF:8487892475887128939987312849321774284 80.0/7
All: -1174.927+/-0.000 χ^2/NDF: 1576001421
Right Out: -1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15
- sign -1205.369+/-0.000 χ^2/NDF: 1176377140790
Left In: -1180.345+/-0.000 χ^2/NDF:6477447050459895533167428349754081280 00.0/6

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Left Out: 458.851+/-0.000 χ^2/NDF:630522760726950386449184648470934323 2.0/7

Right Out: 577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

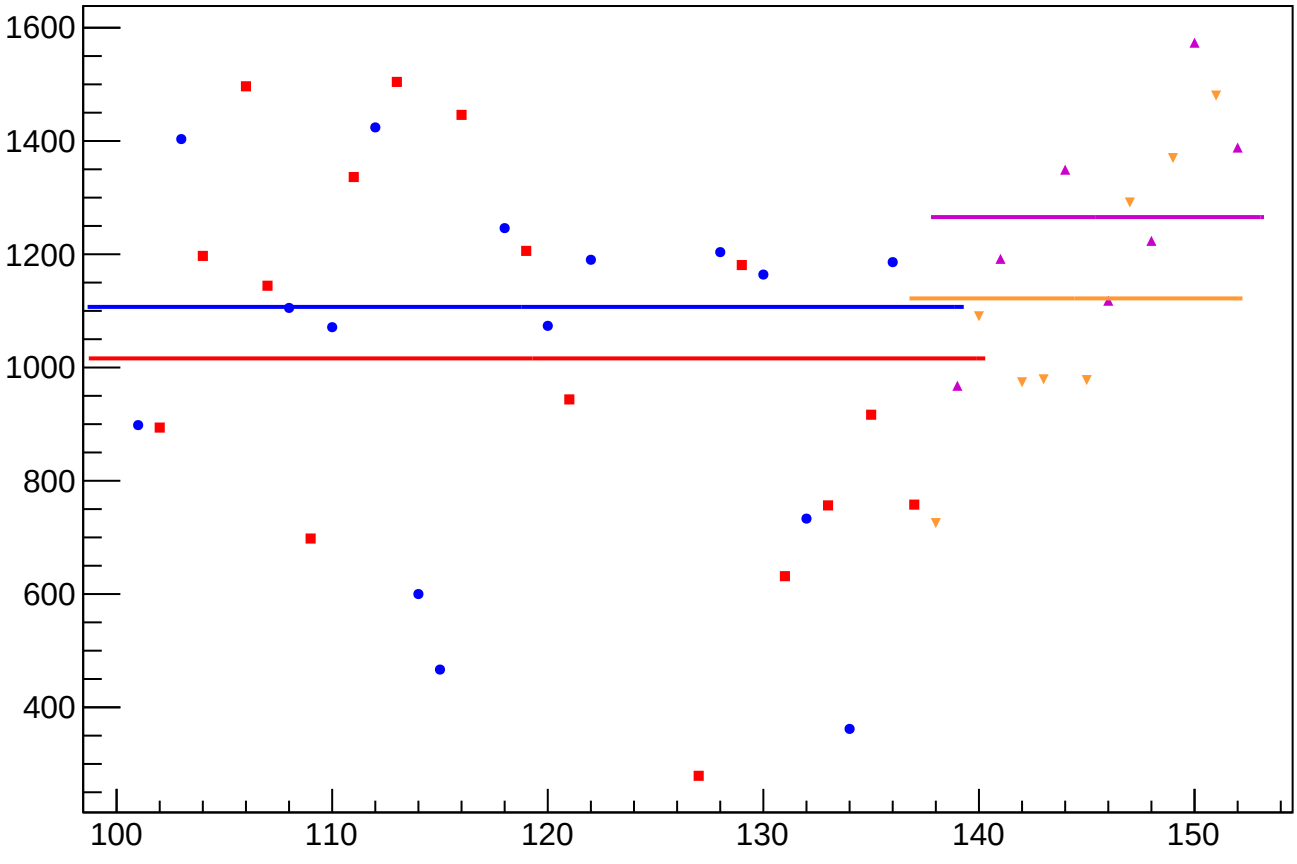
Left In: 468.581+/-0.000 χ^2/NDF:299925572246302864630488245829894144 0.0/6

+ sign 484.434+/-0.000 χ^2/NDF: 7118788287983 43

All: 505.317+/-0.000 χ^2/NDF: 3202786164 83

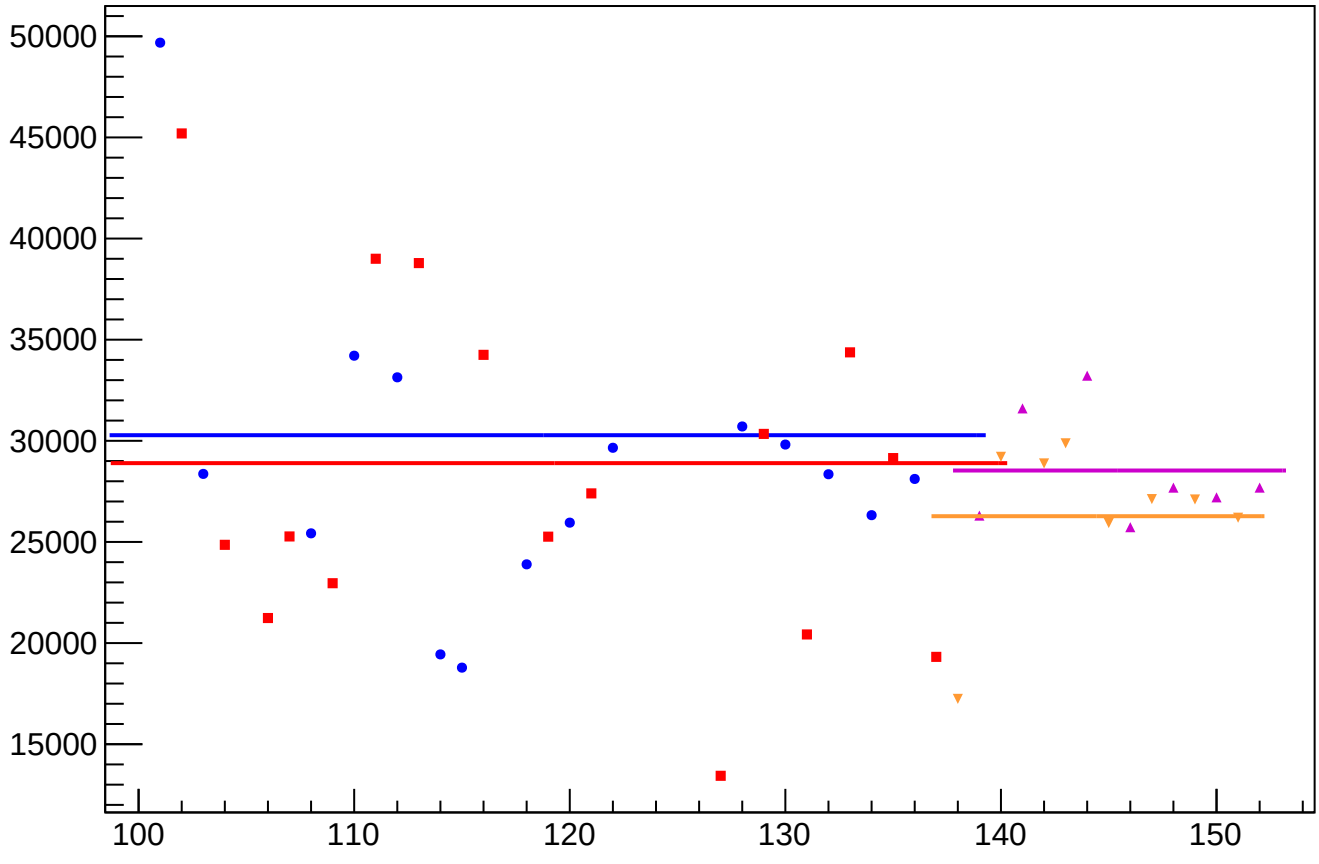
- sign 525.789+/-0.000 χ^2/NDF: 248018086916710

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3
Left Out: 1122.024+/-0.000 χ^2/NDF:33697884142269026327184813347743727616.0/7
All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5
Left In: 1265.633+/-0.000 χ^2/NDF:2017079581364644341905605875057295 3600.0/6

dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

+ sign 28365.587+/-0.000 χ^2/NDF: 4432190072086

Left Out: 26272.958+/-0.000 χ^2/NDF:8376391899972440920492149571582792040448.0/7

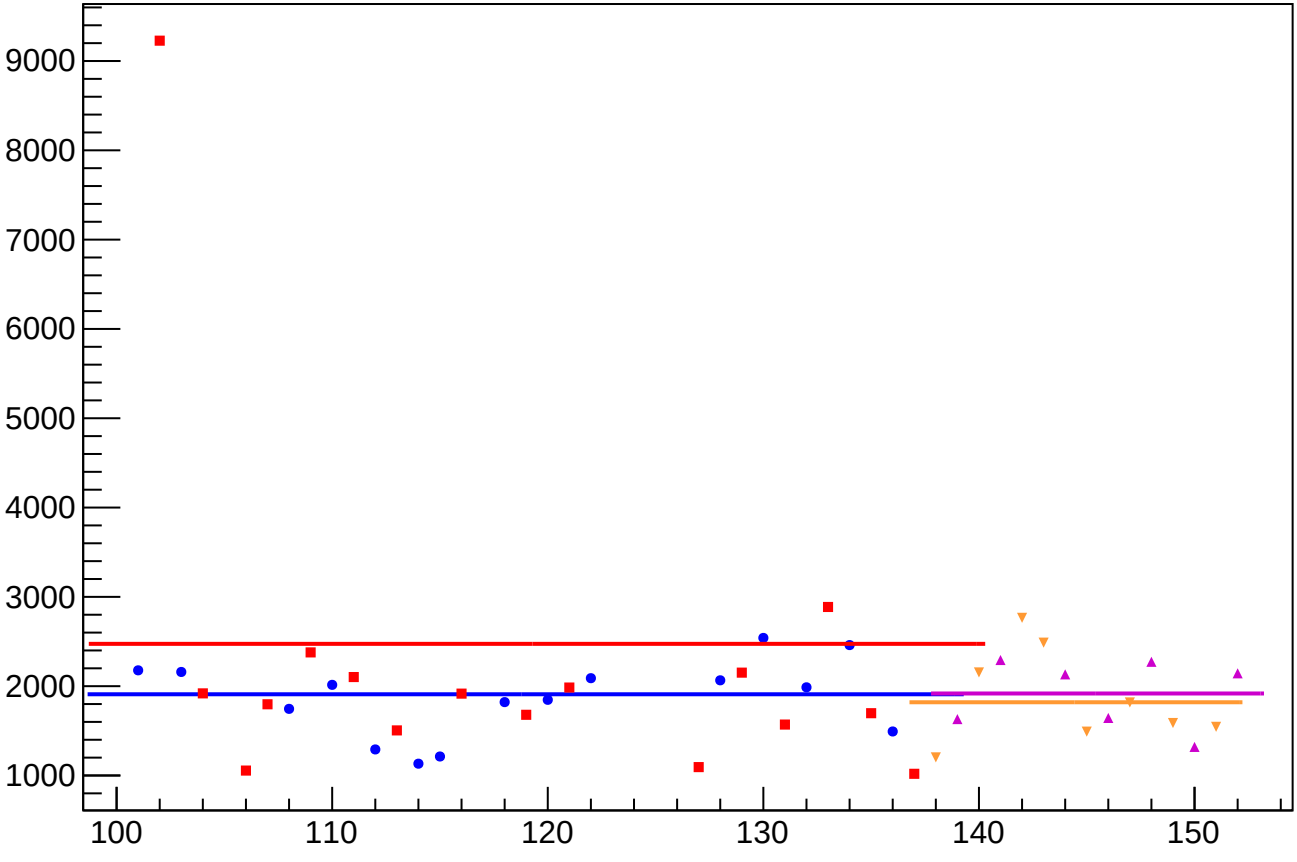
All: 28546.396+/-0.000 χ^2/NDF: 9550858889

Right Out: 28896.318+/-0.000 χ^2/NDF: 4696950405801035914625056022840971414 7328.0/15

- sign 28723.639+/-0.000 χ^2/NDF: 5110628182566

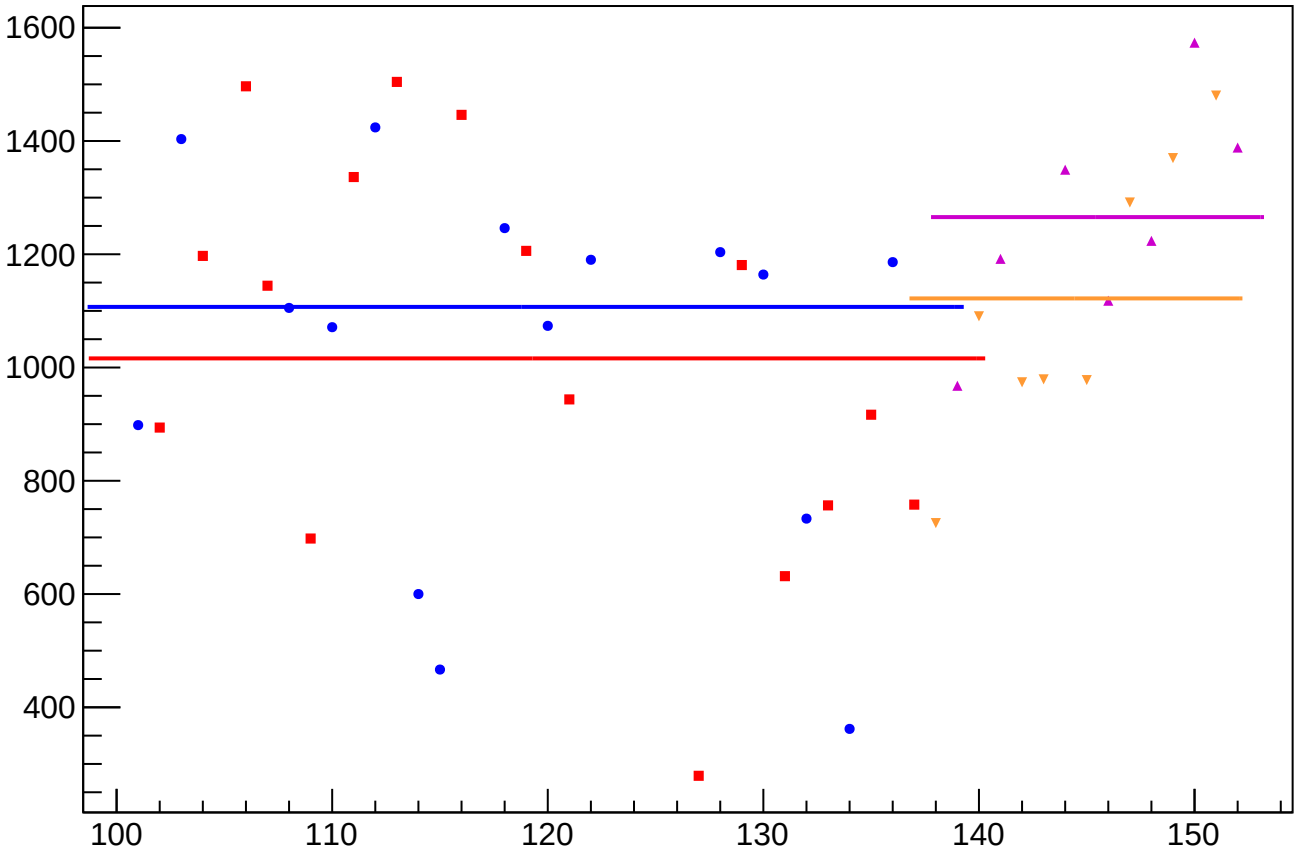
Left In: 28531.677+/-0.000 χ^2/NDF:4094779453043700134465946461026388017152.0/6

dit_atr2_coil4_err_mean vs Slug



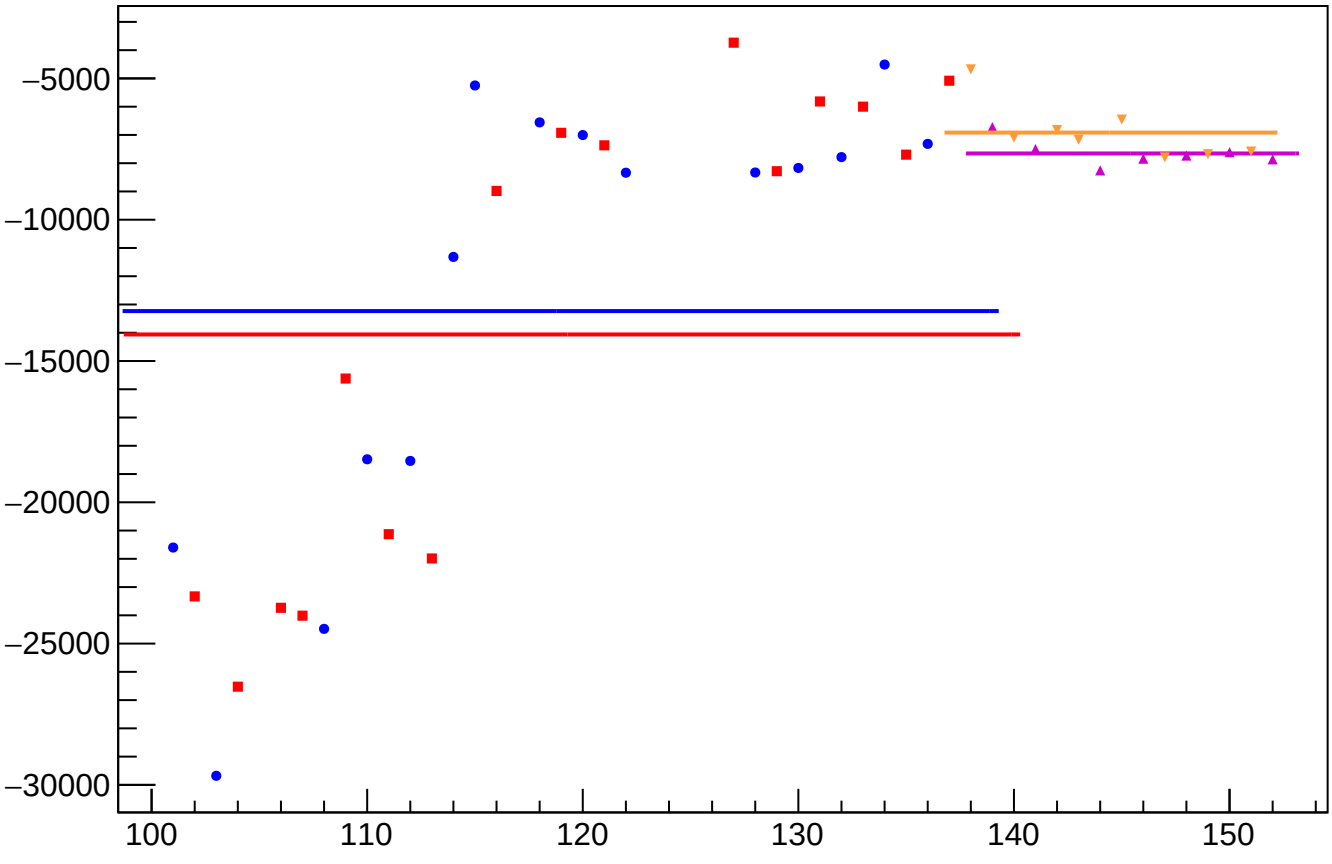
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
+ sign 1866.695+/-0.000 χ^2/NDF: 21905214044316
Left Out: 1819.919+/-0.000 χ^2/NDF:1289322246163144579112081651041168261 12.0/7
All: 2040.451+/-0.000 χ^2/NDF: 3501264203 2
Right Out: 2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
- sign 2210.779+/-0.000 χ^2/NDF: 32079565933607
Left In: 1918.191+/-0.000 χ^2/NDF:764786940962657243128667957750493347 84.0/6

dit_atr2_coil4_Ndata_mean vs Slug



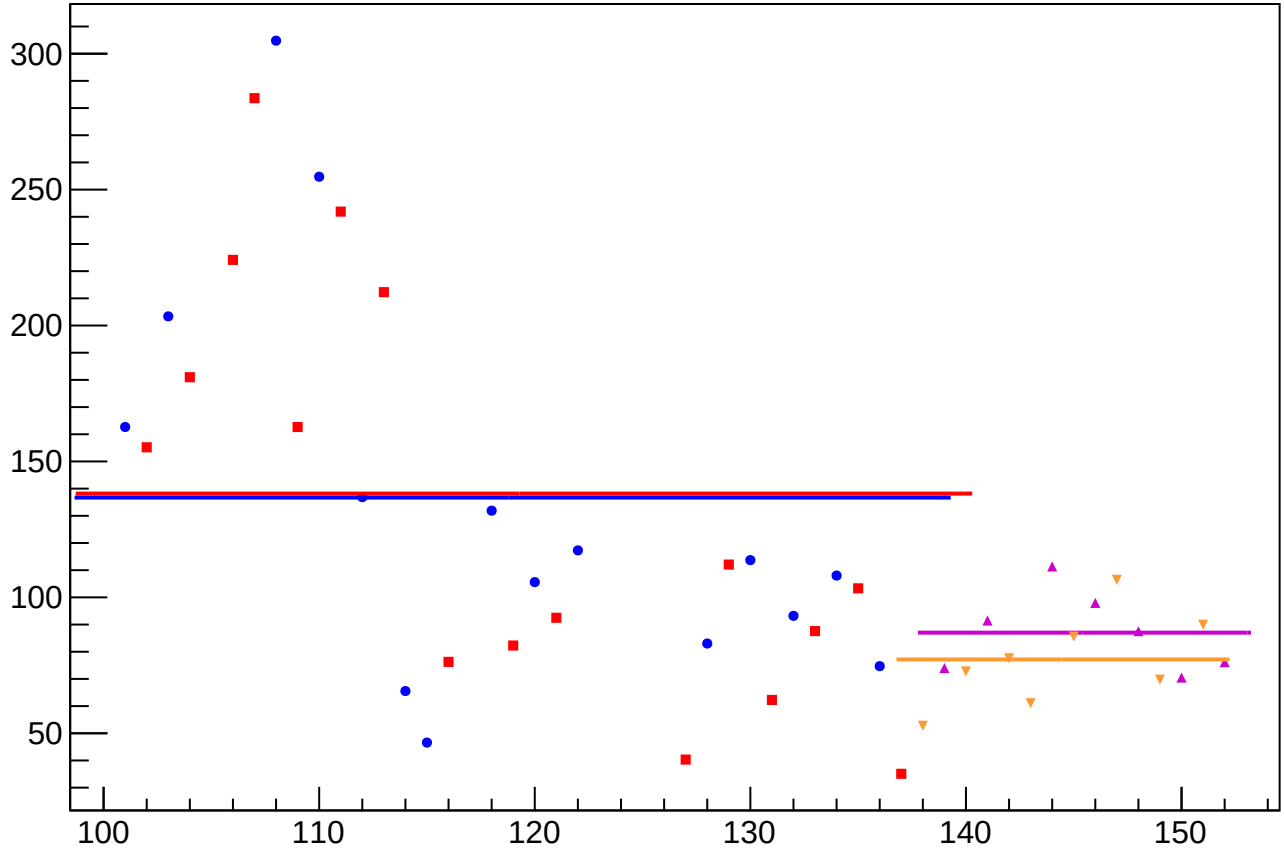
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3
Left Out: 1122.024+/-0.000 χ^2/NDF:336978841422690263271848133477437276 16.0/7
All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5
Left In: 1265.633+/-0.000 χ^2/NDF:201707958136464434190560587505729536 00.0/6

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14
+ sign -10217.301+/-0.000 χ^2/NDF: 541805300092
Left Out: -6916.413+/-0.000 χ^2/NDF:5585120033296223224473333006403108864 00.0/7
All: -10626.169+/-0.000 χ^2/NDF: 112151985
Right Out: -14060.103+/-0.000 χ^2/NDF: 4449059475428016176640555691571138684518 4.0/15
- sign -11026.969+/-0.000 χ^2/NDF: 5756029497947
Left In: -7655.135+/-0.000 χ^2/NDF:1118040316166048790669909209542211665 92.0/6

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

+ sign 108.276+/-0.000 χ^2/NDF: 394142835187845

Left Out: 77.156+/-0.000 χ^2/NDF:1553405914583272150700339017264660 48.0/7

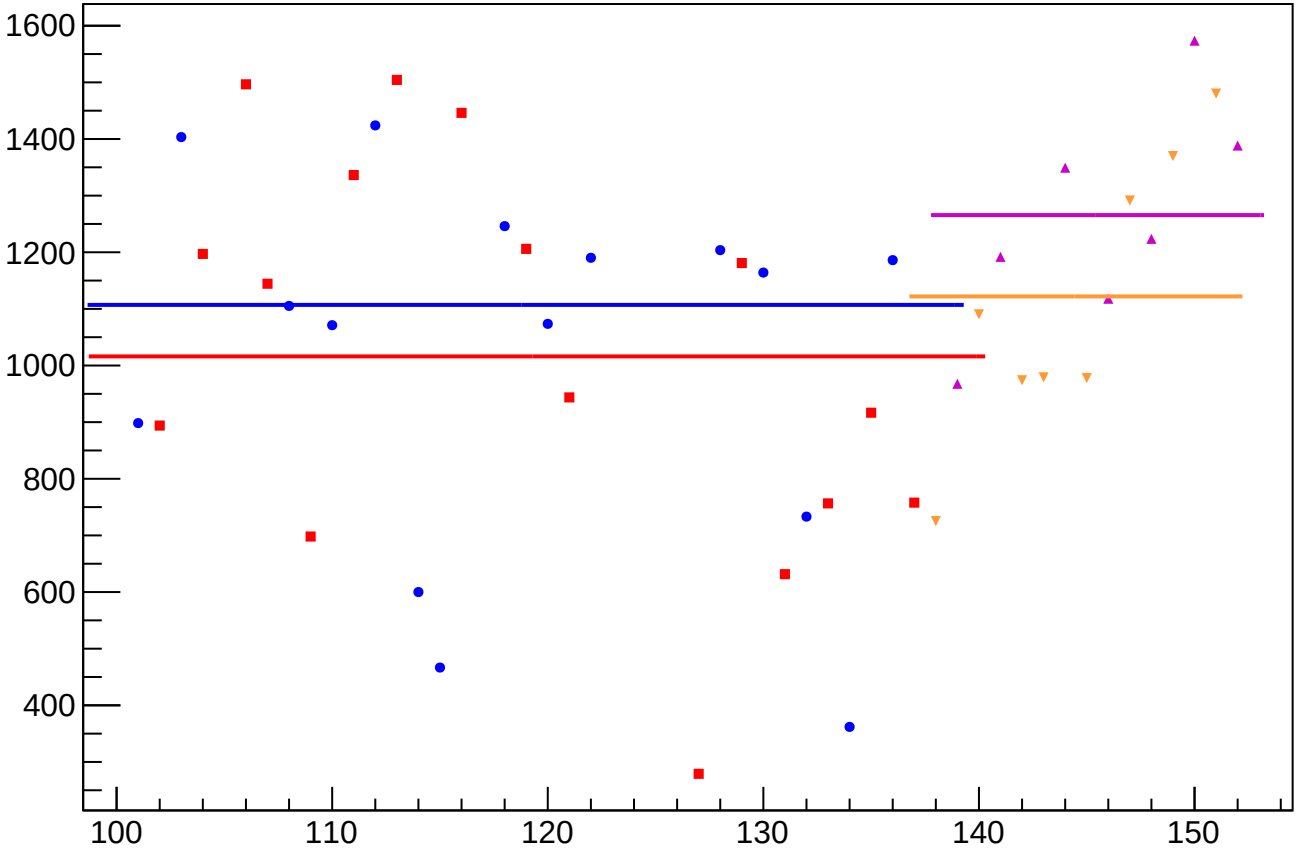
All: 111.143+/-0.000 χ^2/NDF: 81323429925

Right Out: 138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

- sign 113.953+/-0.000 χ^2/NDF: 417069962608282

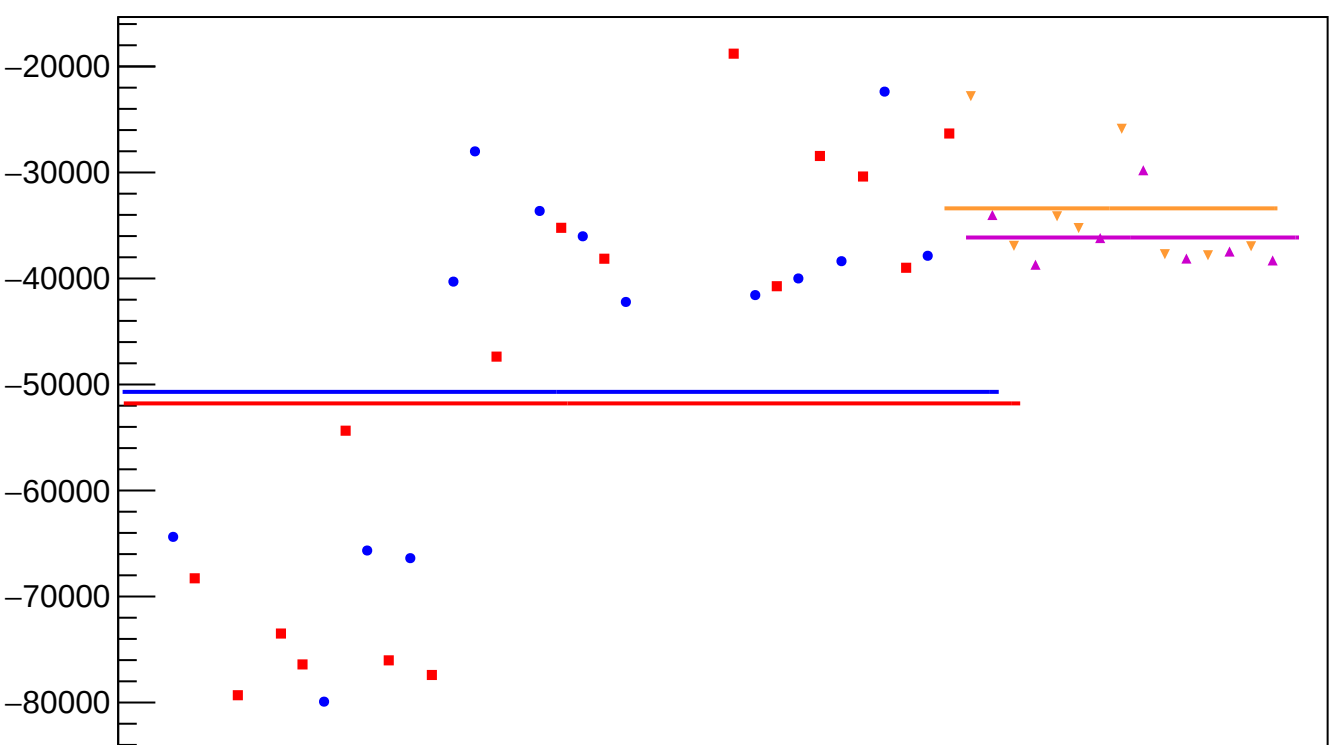
Left In: 87.022+/-0.000 χ^2/NDF:113185395891097300282832611195224064.0/6

dit_sam1_coil4_Ndata_mean vs Slug



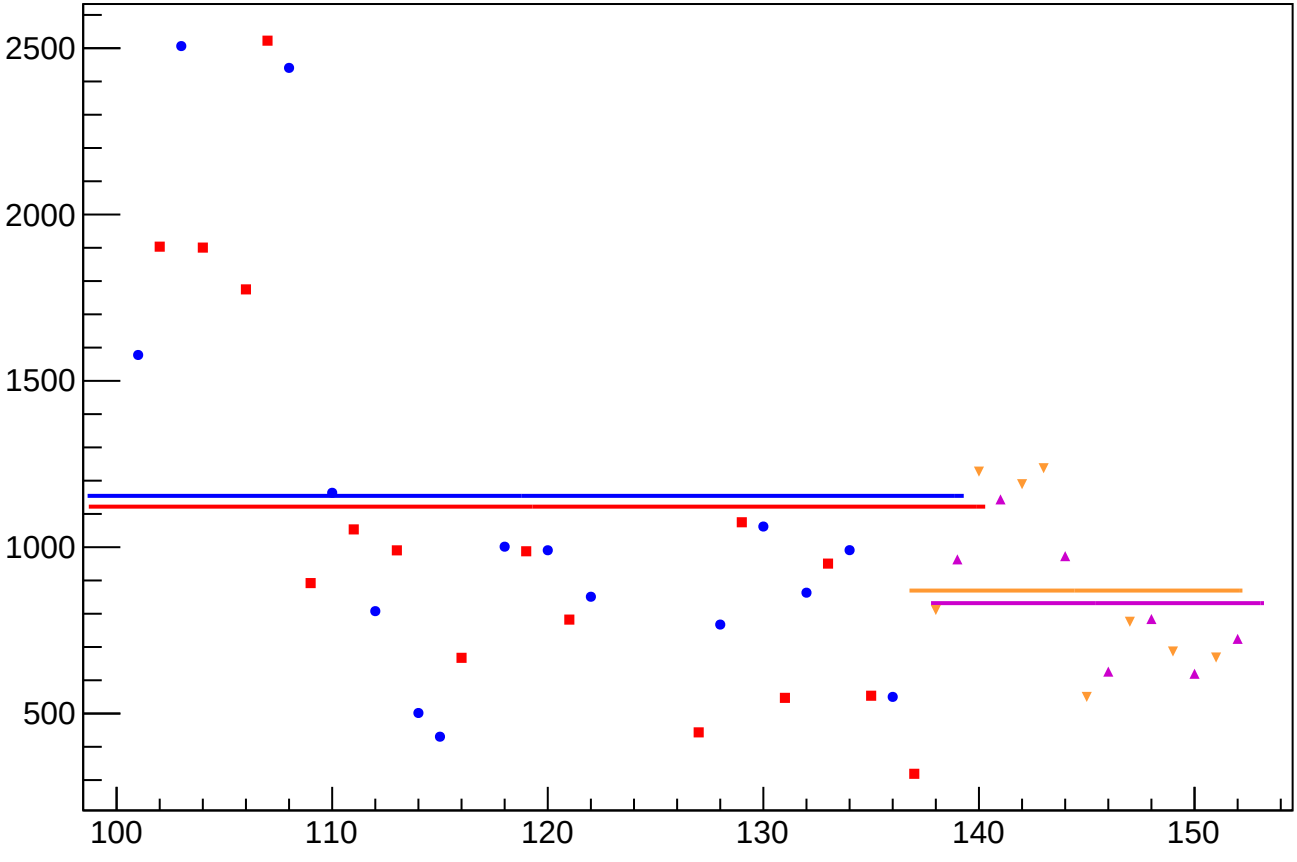
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3
Left Out: 1122.024+/-0.000 χ^2/NDF:336978841422690263271848133477437276 16.0/7
All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5
Left In: 1265.633+/-0.000 χ^2/NDF:201707958136464434190560587505729536 00.0/6

dit_sam2_coil4_mean vs Slug



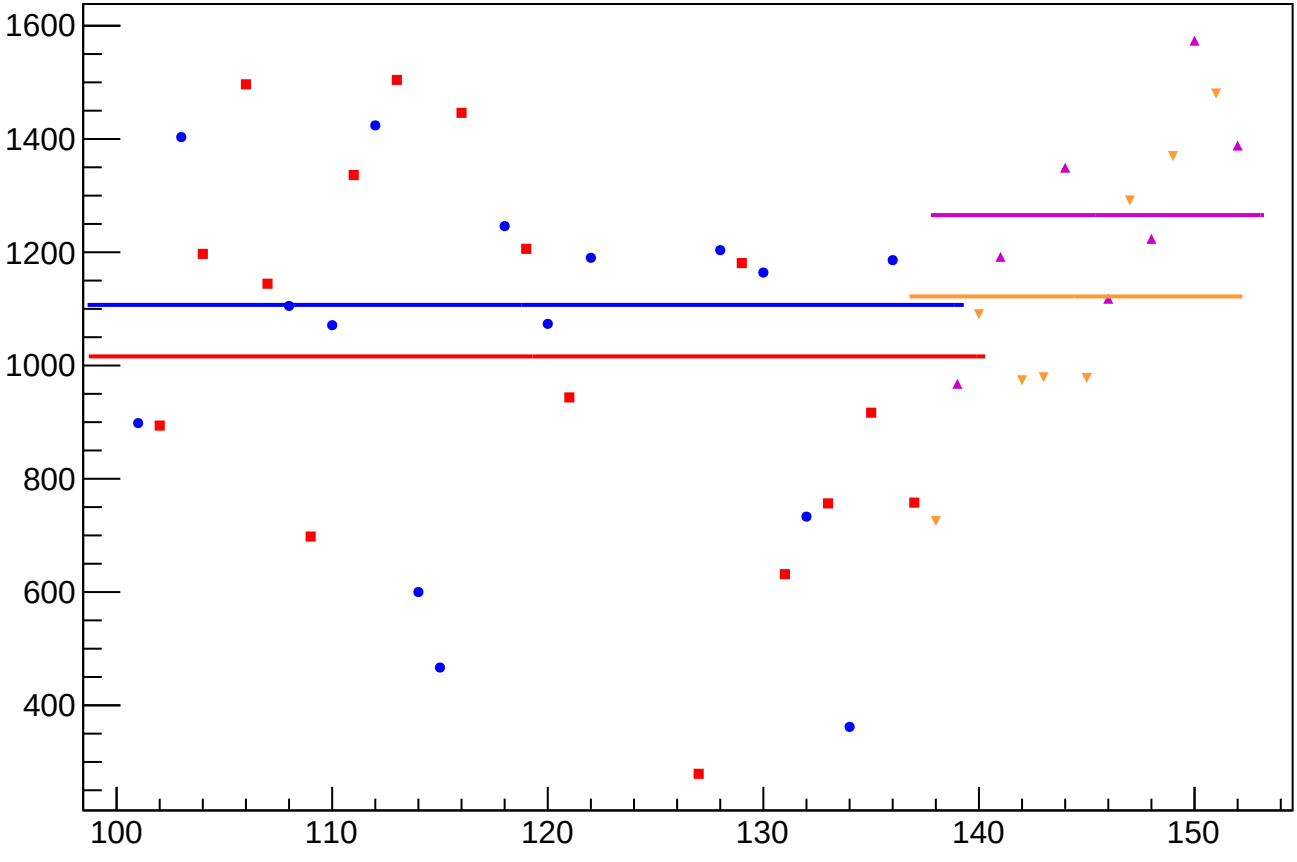
Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14
+ sign -42430.475+/-0.000 χ^2/NDF: 338134601126
Left Out: -33385.023+/-0.000 χ^2/NDF:186688478761845647157233103407432995962 88.0/7
All: -43411.182+/-0.000 χ^2/NDF: 704818714
Right Out: -51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15
- sign -44372.538+/-0.000 χ^2/NDF: 3643186057594
Left In: -36133.560+/-0.000 χ^2/NDF:516324910768645451665190187700959838 2080.0/6

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14
+ sign 1018.414+/-0.000 χ^2/NDF: 3137942256284
Left Out: 869.662+/-0.000 χ^2/NDF:3941320286038901524433204269712356147 2.0/7
All: 1001.320+/-0.000 χ^2/NDF: 5875065822
Right Out: 1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
- sign 984.564+/-0.000 χ^2/NDF: 272993693685128
Left In: 831.854+/-0.000 χ^2/NDF:2025539286235806212050481829813367603 2.0/6

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1122.024+/-0.000 χ^2/NDF:336978841422690263271848133477437276 16.0/7

Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

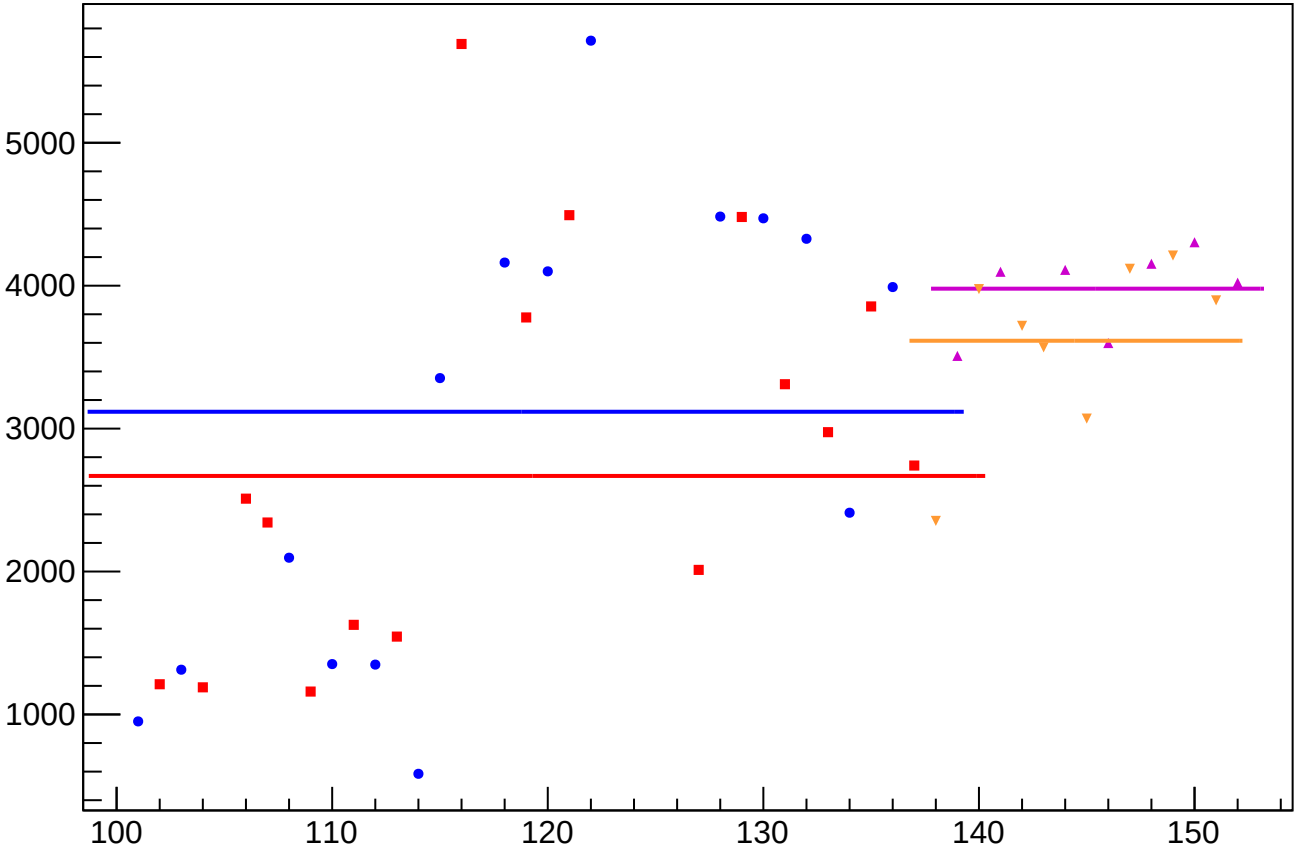
Left In: 1265.633+/-0.000 χ^2/NDF:201707958136464434190560587505729536 00.0/6

+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3

All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0

- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

Left Out: 3614.732+/-0.000 χ^2/NDF:2151106855788217736471191973354243358 72.0/7

Right Out: 2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15

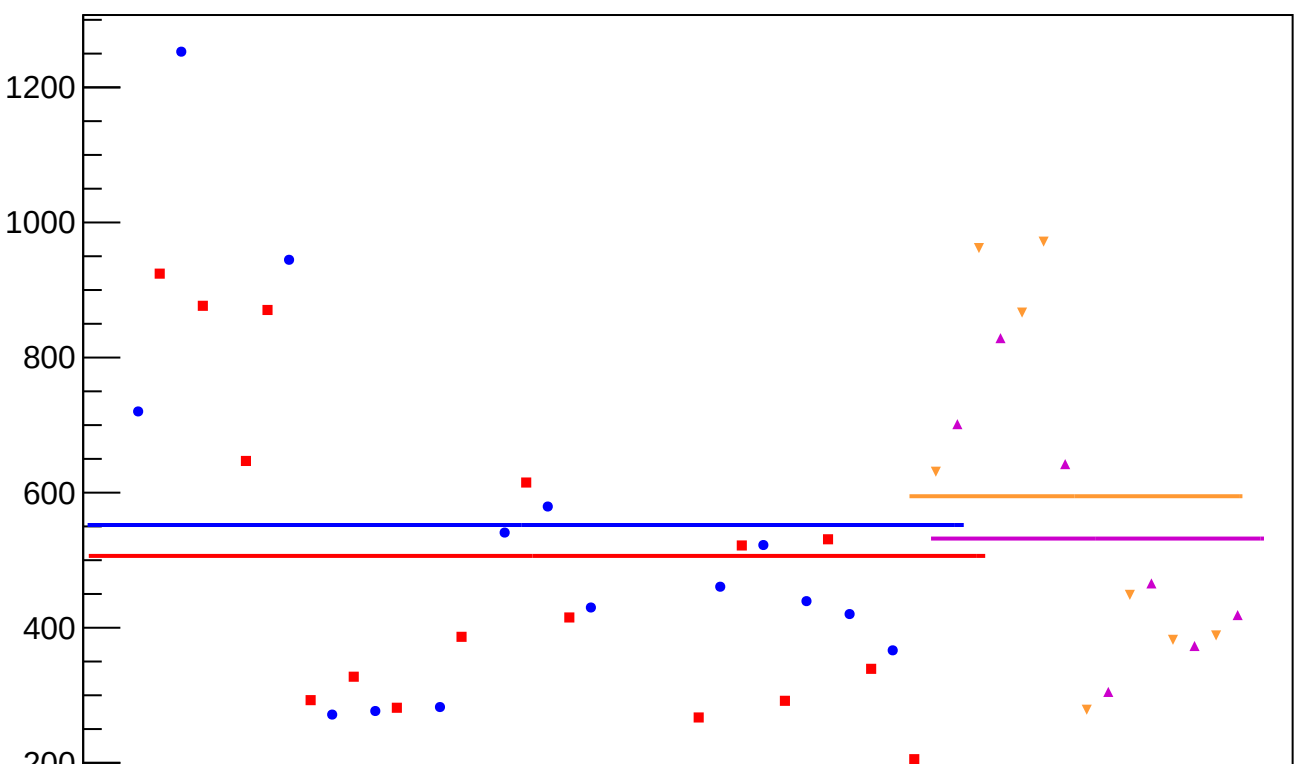
Left In: 3979.089+/-0.000 χ^2/NDF:4497220299437342374107368680713931980 8.0/6

+ sign 3355.122+/-0.000 χ^2/NDF: 18443336587694

All: 3321.882+/-0.000 χ^2/NDF: 3570728249

- sign 3289.297+/-0.000 χ^2/NDF: 17236770012807

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Left Out: 594.706+/-0.000 χ^2/NDF:409111190616807690137584088215212523 52.0/7

Right Out: 506.345+/-0.000 χ^2/NDF: 371816532973148835016591318060105728 00.0/15

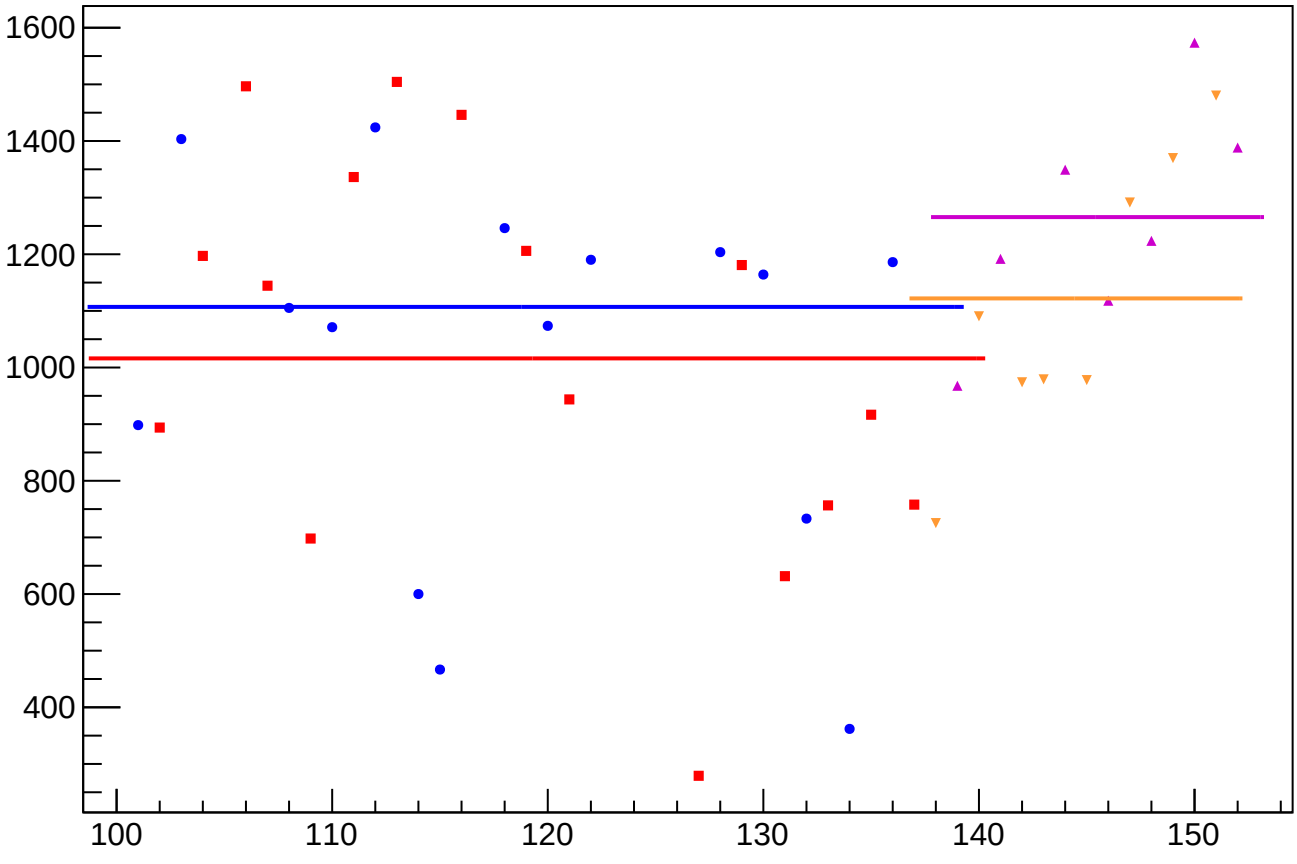
Left In: 532.029+/-0.000 χ^2/NDF:189564235113233547850975745826525020 16.0/6

+ sign 572.447+/-0.000 χ^2/NDF: 922124378274987

All: 545.209+/-0.000 χ^2/NDF: 15038359722 9

- sign 518.508+/-0.000 χ^2/NDF: 563464423509513

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1122.024+/-0.000 χ^2/NDF:33697884142269026327184813347743727616.0/7

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

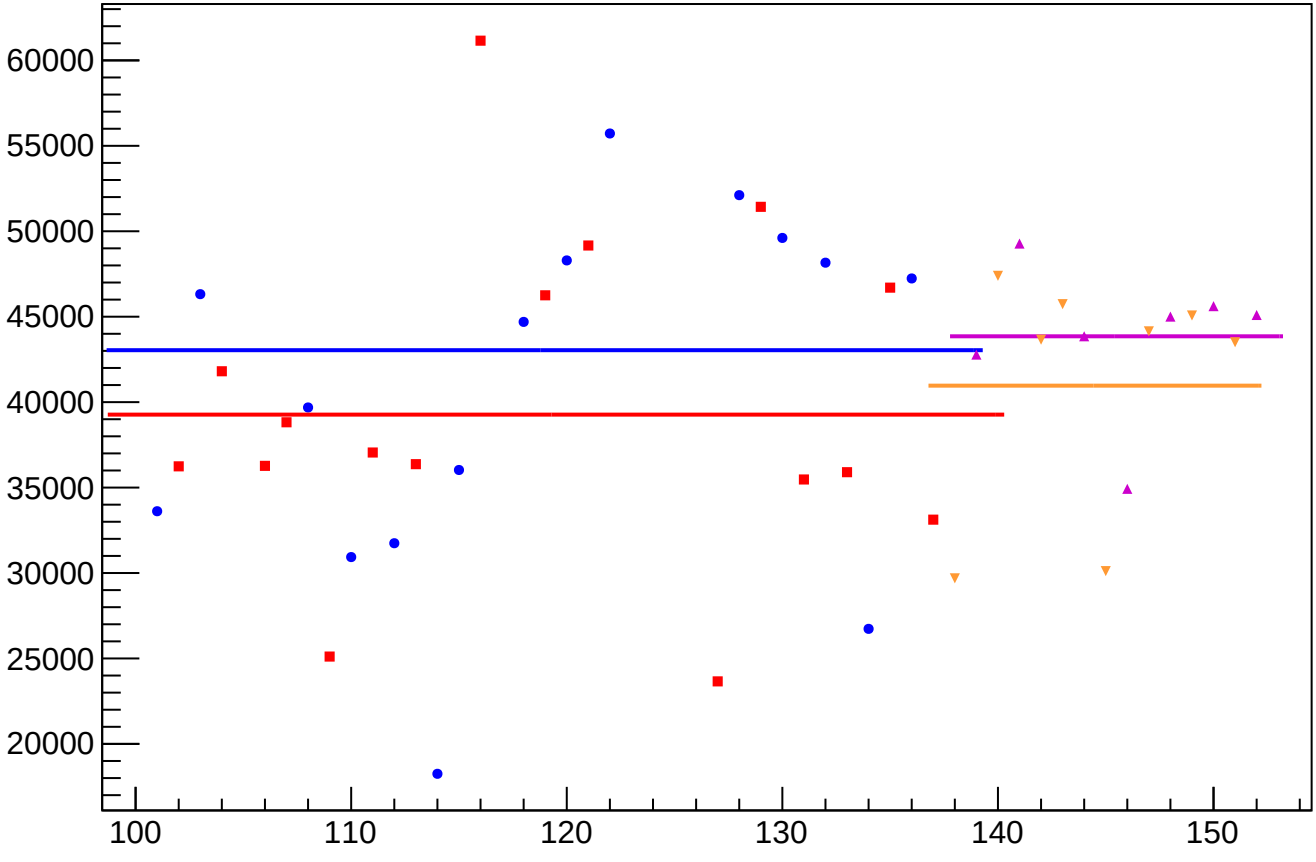
Left In: 1265.633+/-0.000 χ^2/NDF:2017079581364644341905605875057295360 0.0/6

+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3

All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0

- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF: 483970529225617226526667864075521795031 04.0/14

+ sign 42049.181+/-0.000 χ^2/NDF: 7713741640421

Left Out: 40964.874+/-0.000 χ^2/NDF:27406116922719391398132199836970987290624.0/7

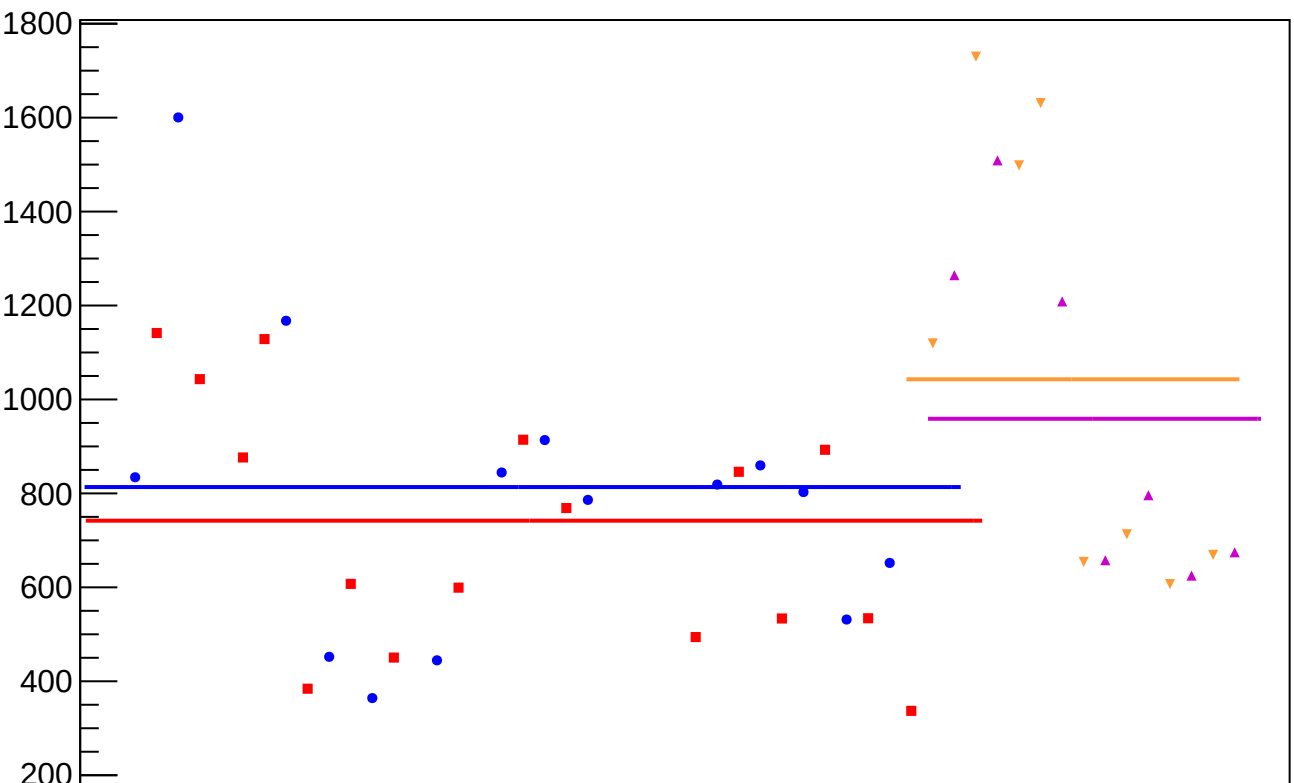
All: 41741.659+/-0.000 χ^2/NDF: 1456174504

Right Out: 39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516 7360.0/15

- sign 41440.205+/-0.000 χ^2/NDF: 6824744021553

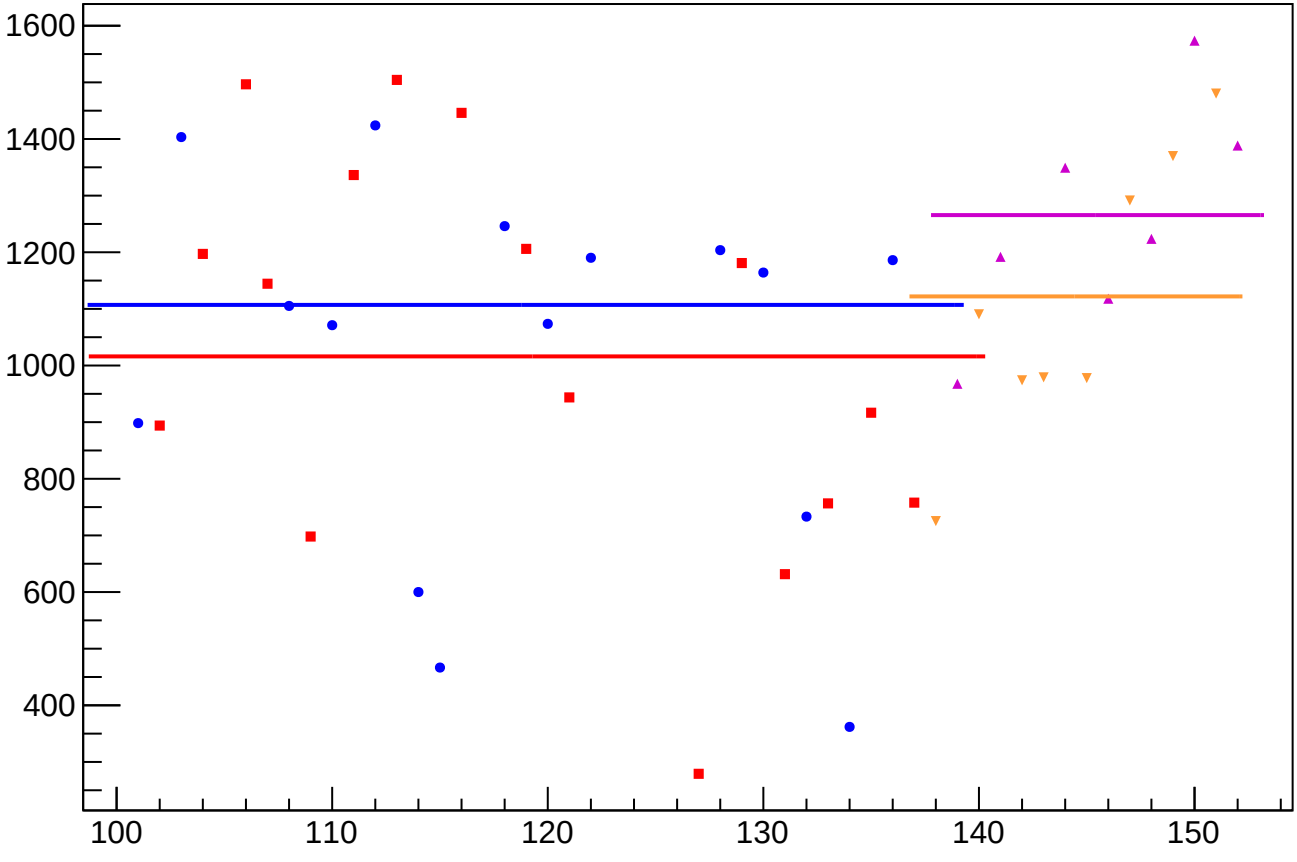
Left In: 43853.165+/-0.000 χ^2/NDF:97384671938207542647165140953819418460 16.0/6

dit_sam4_coil4_err_mean vs Slug



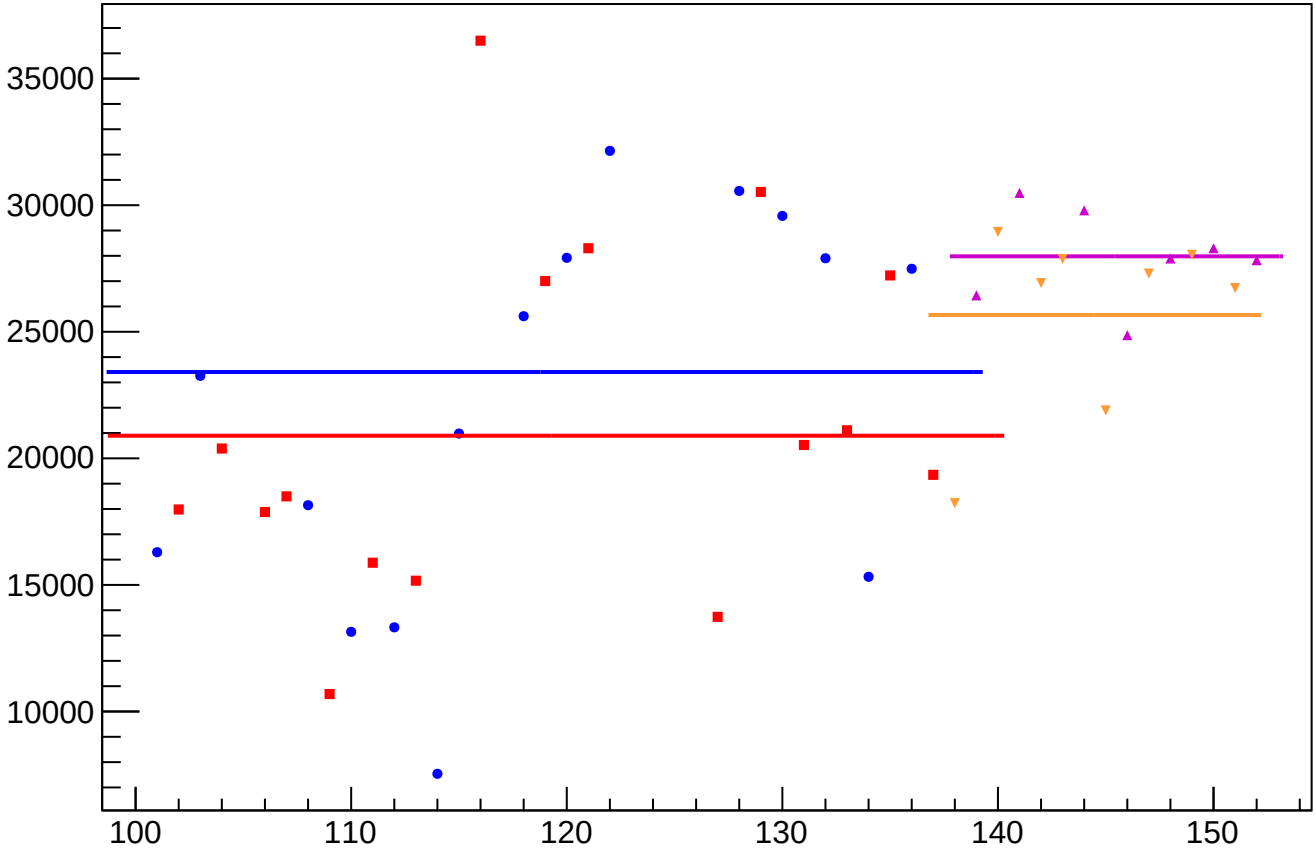
Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14
+ sign 923.055+/-0.000 χ^2/NDF: 20274857743168 5
Left Out: 1042.956+/-0.000 χ^2/NDF:1193130415910589757355930072649826 30400.0/7
All: 883.461+/-0.000 χ^2/NDF: 33132308888 1
Right Out: 741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15
- sign 844.649+/-0.000 χ^2/NDF: 124718790887968
Left In: 958.858+/-0.000 χ^2/NDF:6577813940712305827872976503079698 4320.0/6

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3
Left Out: 1122.024+/-0.000 χ^2/NDF:33697884142269026327184813347743727616.0/7
All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1134.272+/-0.000 χ^2/NDF: 11240532642915
Left In: 1265.633+/-0.000 χ^2/NDF:20170795813646443419056058750572953600.0/6

dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Left Out: 25662.217+/-0.000 χ^2/NDF:752008218057357035446992007564110489190 4.0/7

Right Out: 20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

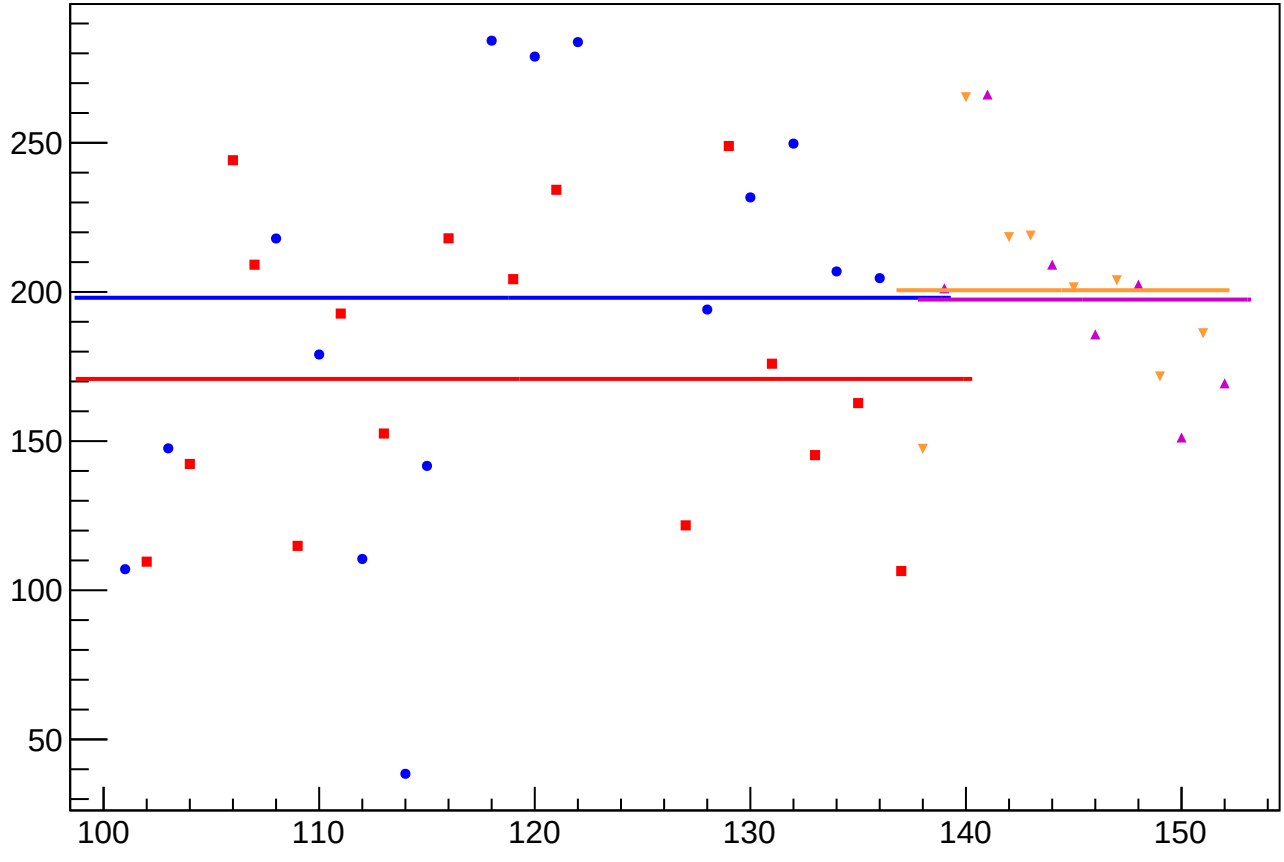
Left In: 27980.901+/-0.000 χ^2/NDF:183644489241694521379471416874802505318 4.0/6

+ sign 24486.121+/-0.000 χ^2/NDF: 3751724125569

All: 24366.952+/-0.000 χ^2/NDF: 826610538

- sign 24250.134+/-0.000 χ^2/NDF: 4510888462709

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Left Out: 200.583+/-0.000 χ^2/NDF:6879161719281035053151254125268172 80.0/7

Right Out: 170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

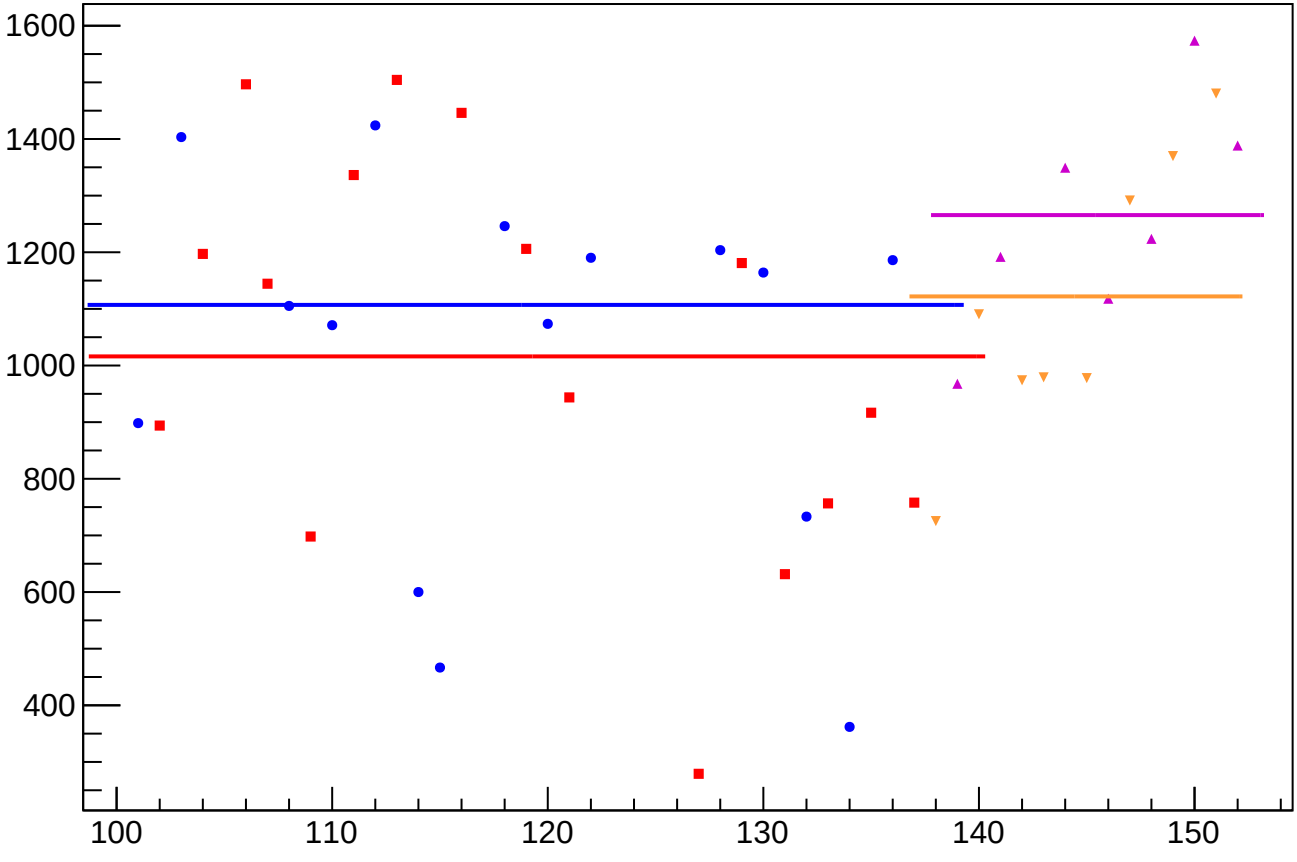
Left In: 197.447+/-0.000 χ^2/NDF:691574684984258290152950561987624960.0/6

+ sign 199.262+/-0.000 χ^2/NDF: 317282426260146

All: 191.275+/-0.000 χ^2/NDF: 566302897514

- sign 183.446+/-0.000 χ^2/NDF: 233331222560275

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1122.024+/-0.000 χ^2/NDF:33697884142269026327184813347743727616.0/7

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

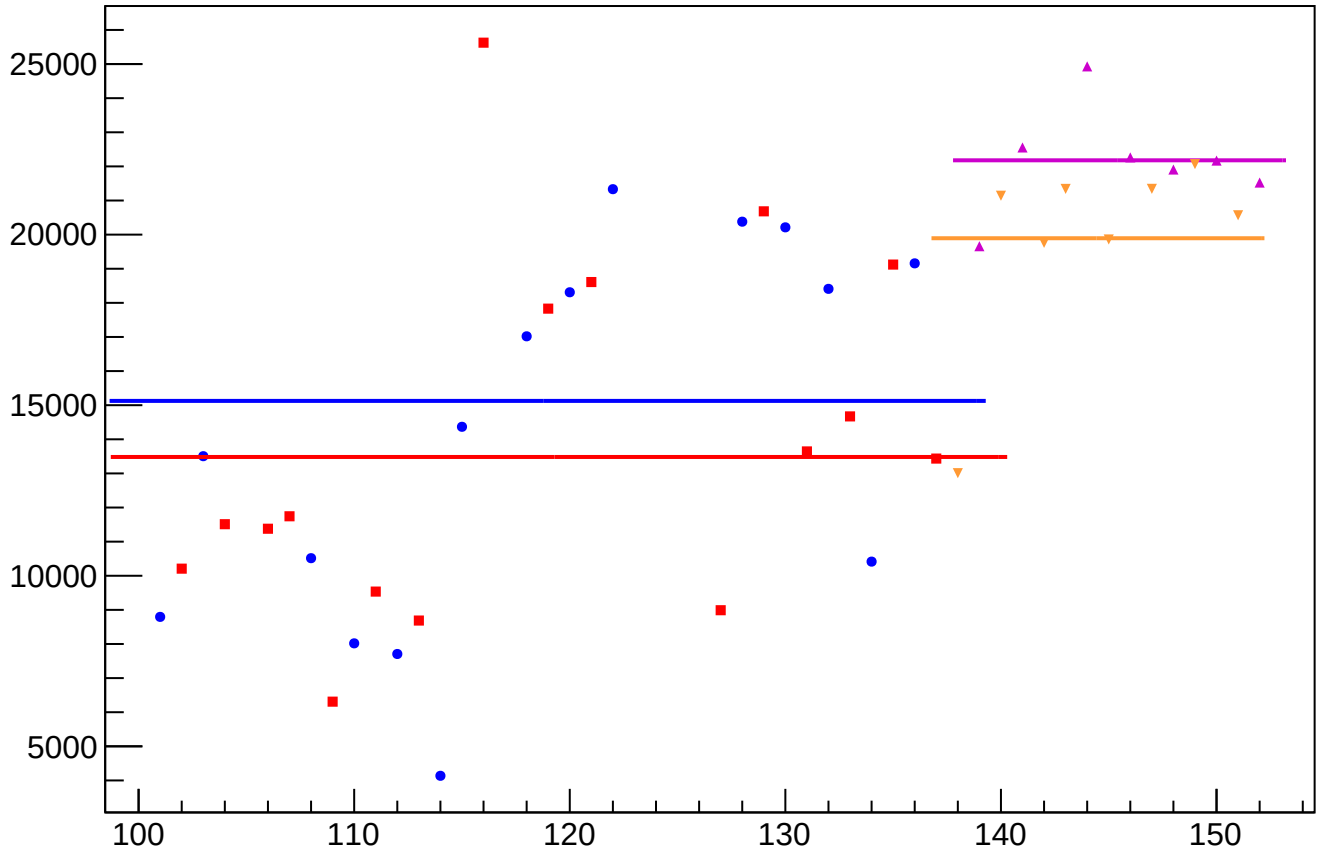
Left In: 1265.633+/-0.000 χ^2/NDF:2017079581364644341905605875057295360 0.0/6

+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3

All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0

- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5

dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Left Out: 19894.094+/-0.000 χ^2/NDF:4563082651107453678099483167684802117632.0/7

Right Out: 13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

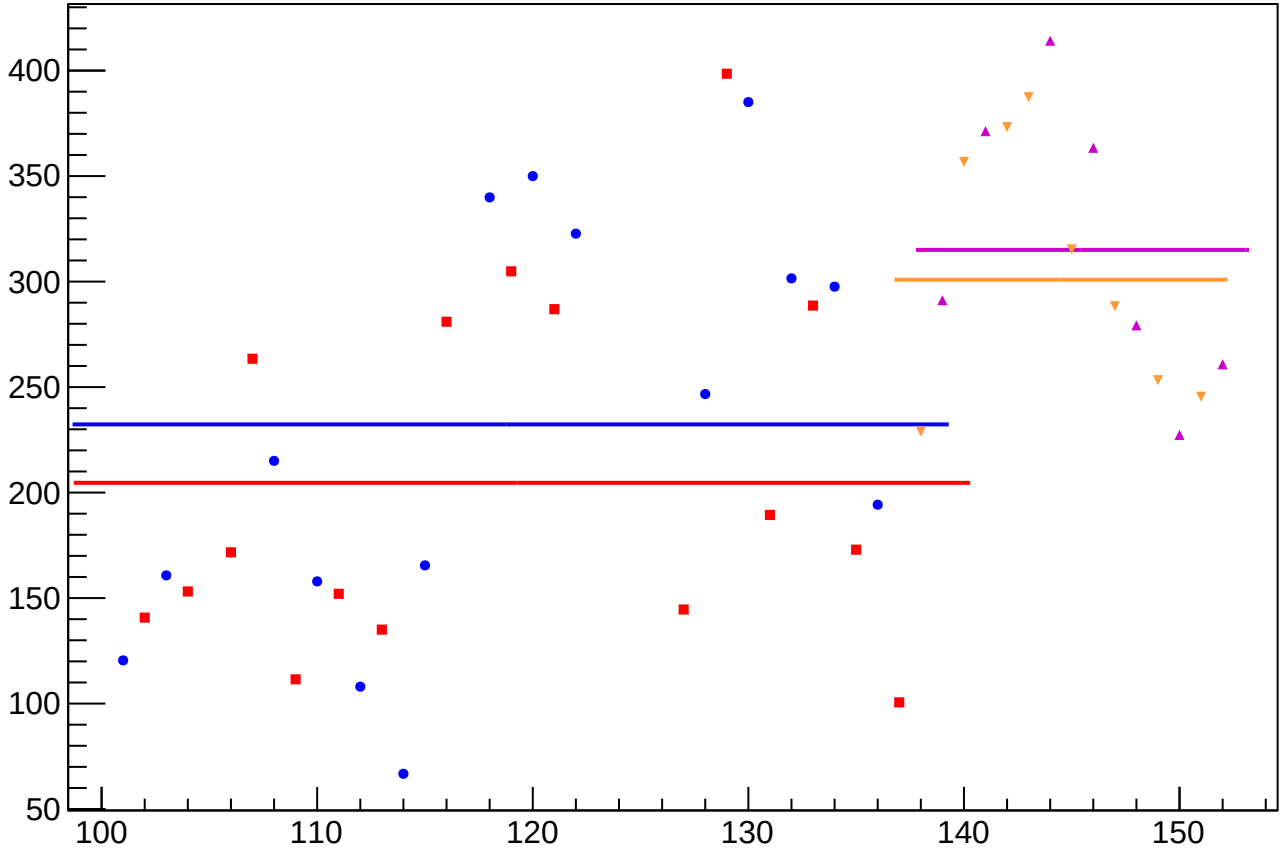
Left In: 22178.503+/-0.000 χ^2/NDF:1244244846931309803633122299104580337664.0/6

+ sign 17402.467+/-0.000 χ^2/NDF: 2822379153496

All: 17502.440+/-0.000 χ^2/NDF: 6929025101

- sign 17600.441+/-0.000 χ^2/NDF: 4104187766426

dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Left Out: 300.876+/-0.000 χ^2/NDF:185704111330693647176658283098904985 6.0/7

Right Out: 204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

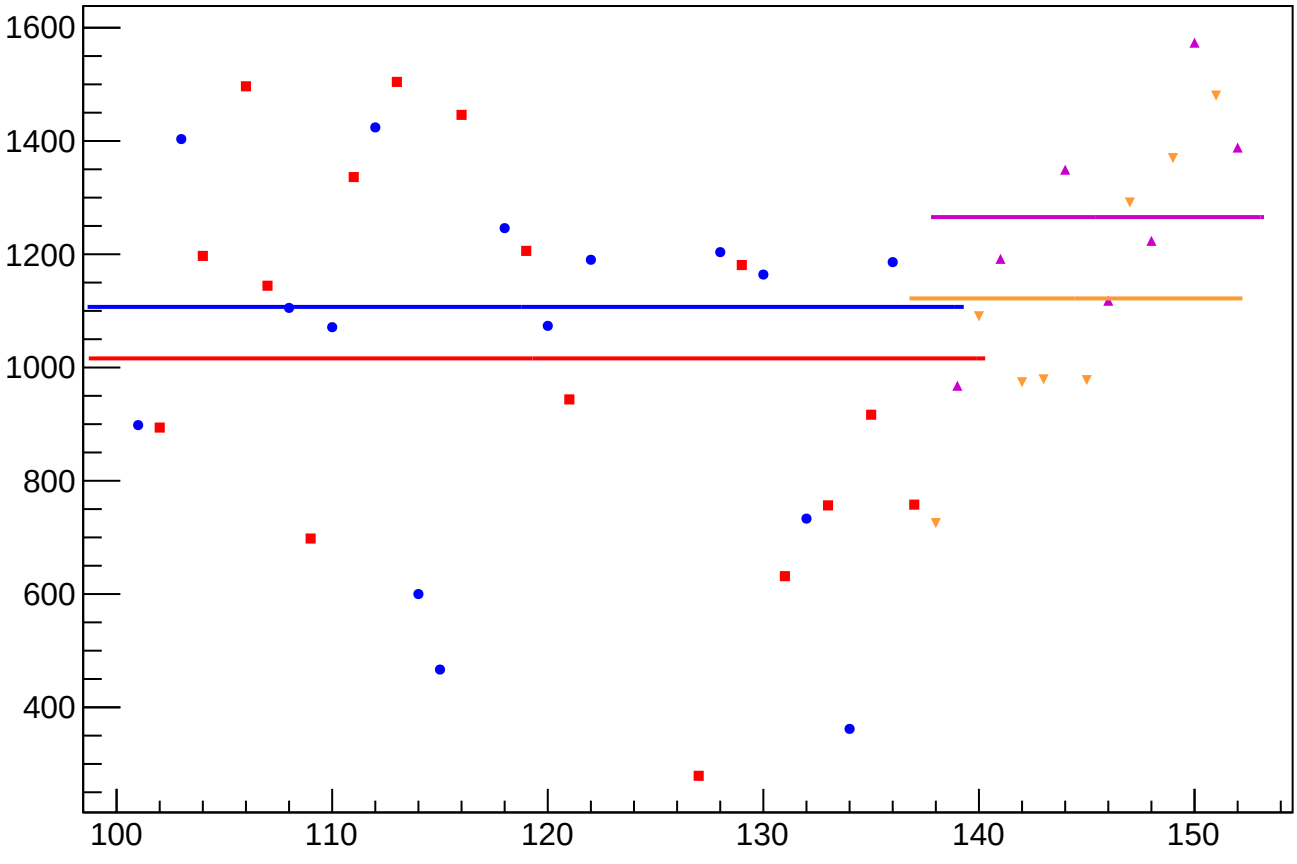
Left In: 315.015+/-0.000 χ^2/NDF:244698718636904666804006972057819545 6.0/6

+ sign 265.048+/-0.000 χ^2/NDF: 879192605974960

All: 260.937+/-0.000 χ^2/NDF: 196837870159

- sign 256.907+/-0.000 χ^2/NDF: 108502939339680

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1122.024+/-0.000 χ^2/NDF:336978841422690263271848133477437276 16.0/7

Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

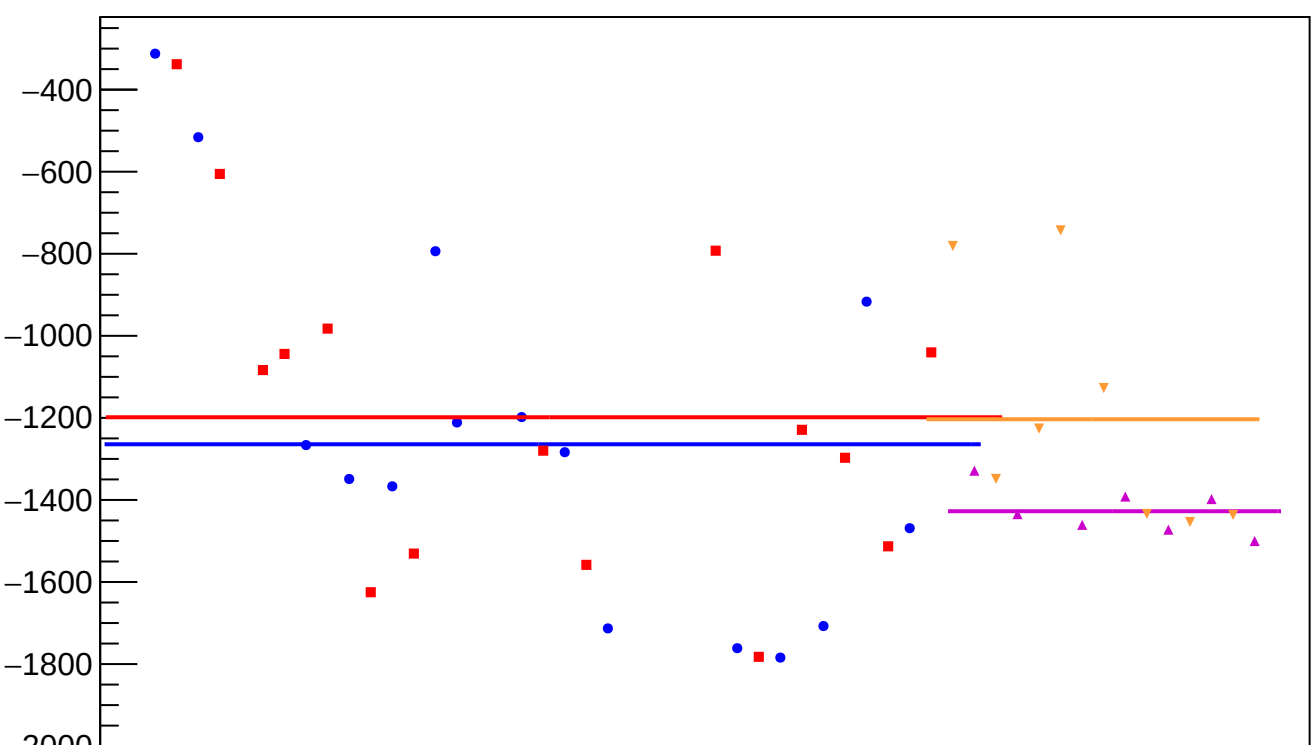
Left In: 1265.633+/-0.000 χ^2/NDF:201707958136464434190560587505729536 00.0/6

+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3

All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0

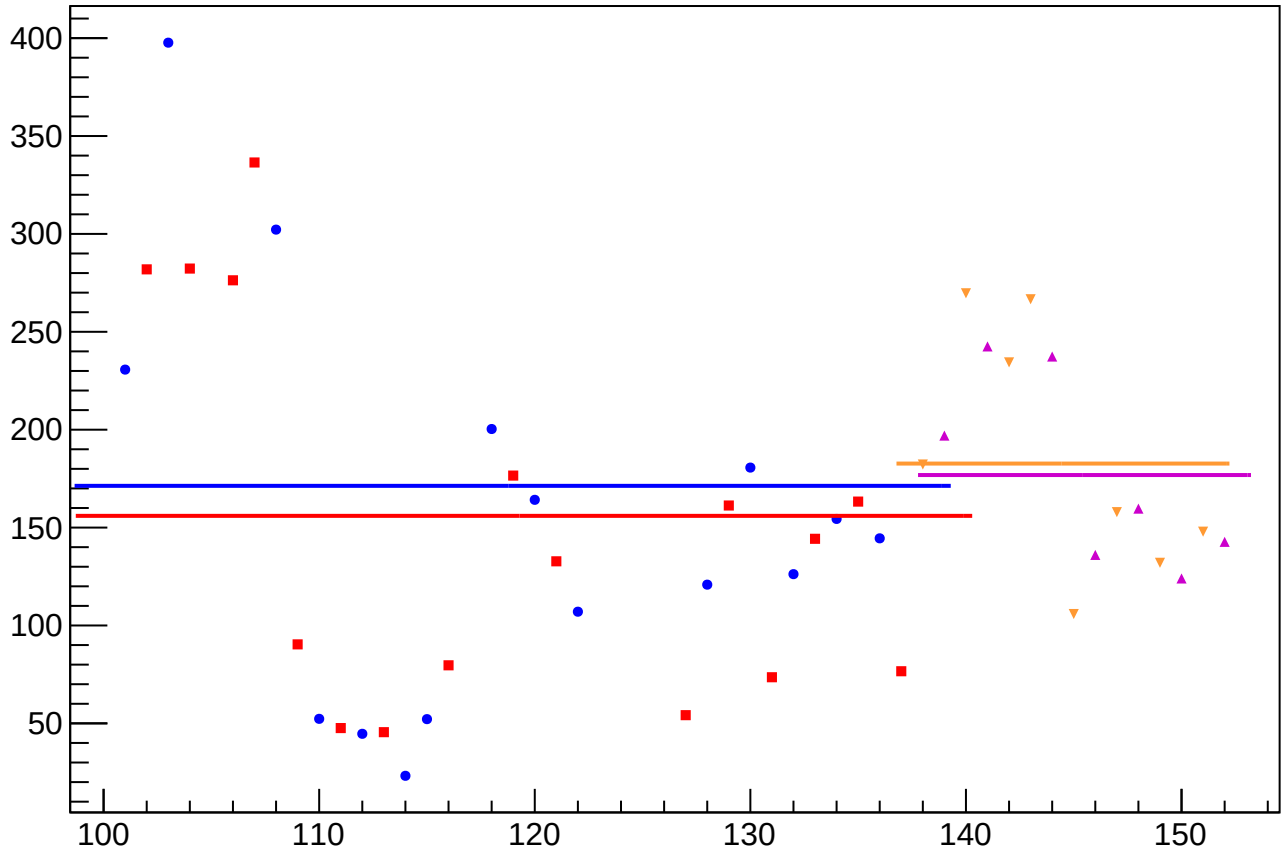
- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5

dit_sam7_coil4_mean vs Slug



Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
+ sign -1235.183+/-0.000 χ^2/NDF: 1853079268642
Left Out: -1203.313+/-0.000 χ^2/NDF:4394004018913055206249064957512935014 4.0/7
All: -1271.409+/-0.000 χ^2/NDF: 3379694044
Right Out: -1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
- sign -1306.921+/-0.000 χ^2/NDF: 1494337120812 7
Left In: -1427.468+/-0.000 χ^2/NDF:1706975138962670295492763194037895168.0/6

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

Left Out: 182.697+/-0.000 χ^2/NDF:205044667669453885466755489187286 2208.0/7

Right Out: 155.993+/-0.000 χ^2/NDF: 568065928150459585202152472724478 3616.0/15

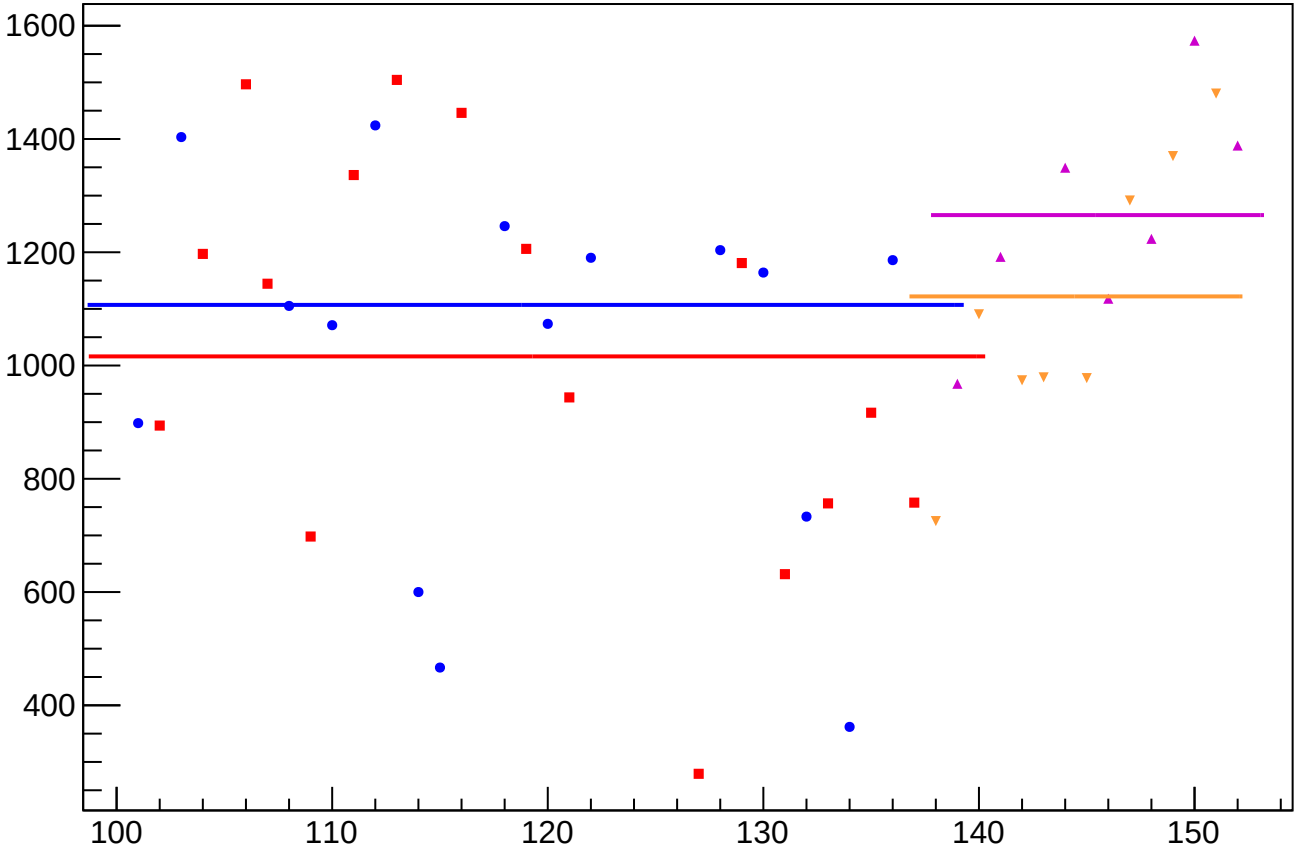
Left In: 176.840+/-0.000 χ^2/NDF:124389159342793332456646529861130 6496.0/6

+ sign 176.753+/-0.000 χ^2/NDF: 821151363264116

All: 171.255+/-0.000 χ^2/NDF: 15347686663

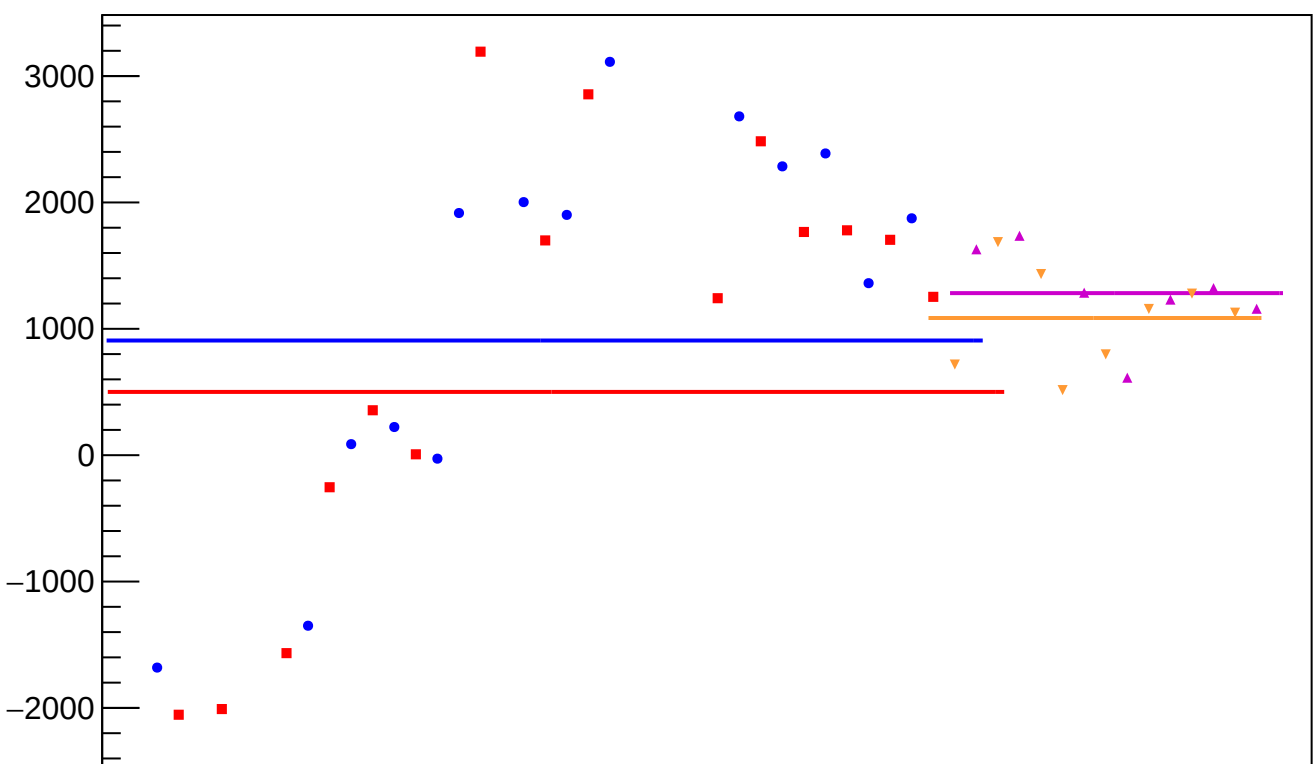
- sign 165.866+/-0.000 χ^2/NDF: 706182421829009

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3
Left Out: 1122.024+/-0.000 χ^2/NDF:336978841422690263271848133477437276 16.0/7
All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5
Left In: 1265.633+/-0.000 χ^2/NDF:201707958136464434190560587505729536 00.0/6

dit_sam8_coil4_mean vs Slug



Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Left Out: 1085.599+/-0.000 χ^2/NDF:7789193953698441598524453604905766092 8.0/7

Right Out: 500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

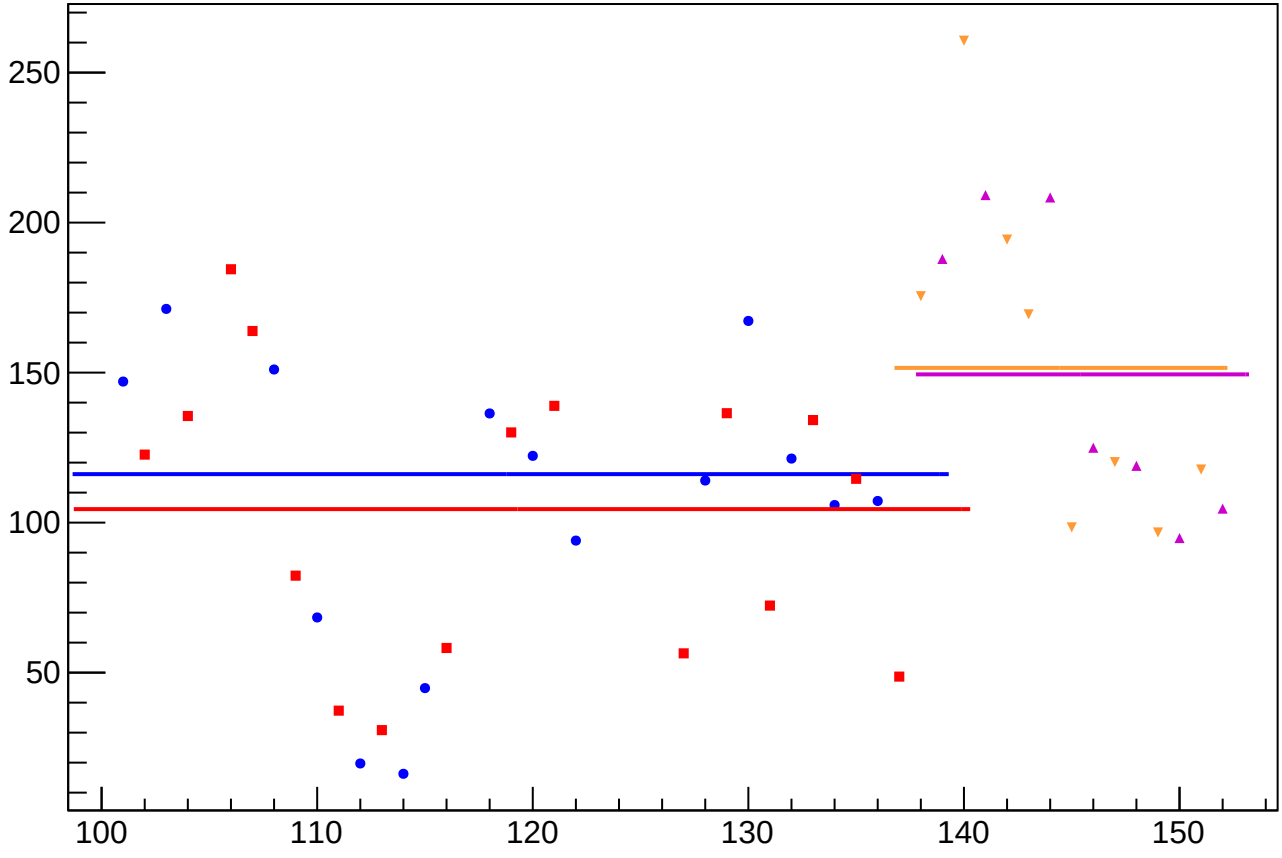
Left In: 1282.467+/-0.000 χ^2/NDF:661080804560913646784745693905105715 20.0/6

+ sign 992.504+/-0.000 χ^2/NDF: 219496522163729

All: 931.100+/-0.000 χ^2/NDF: 45376286177 8

- sign 870.907+/-0.000 χ^2/NDF: 233338993130312

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

+ sign 133.067+/-0.000 χ^2/NDF: 335945067327207

Left Out: 151.571+/-0.000 χ^2/NDF:1772344250060841501438947267218243584.0/7

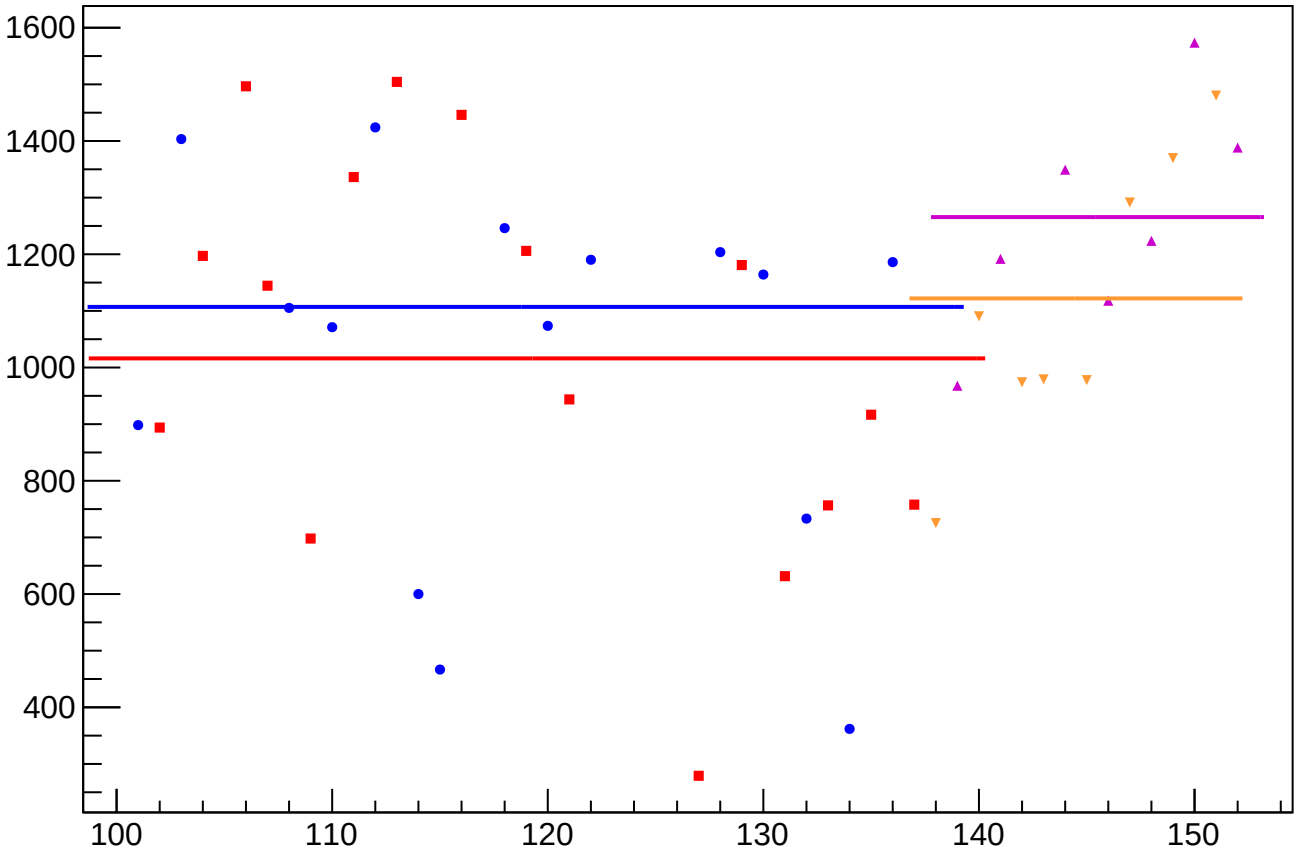
All: 129.381+/-0.000 χ^2/NDF: 66215787186

Right Out: 104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

- sign 125.767+/-0.000 χ^2/NDF: 322870842920536

Left In: 149.409+/-0.000 χ^2/NDF:1305705069404328032740917476631511040.0/6

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1122.024+/-0.000 χ^2/NDF:33697884142269026327184813347743727616.0/7

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

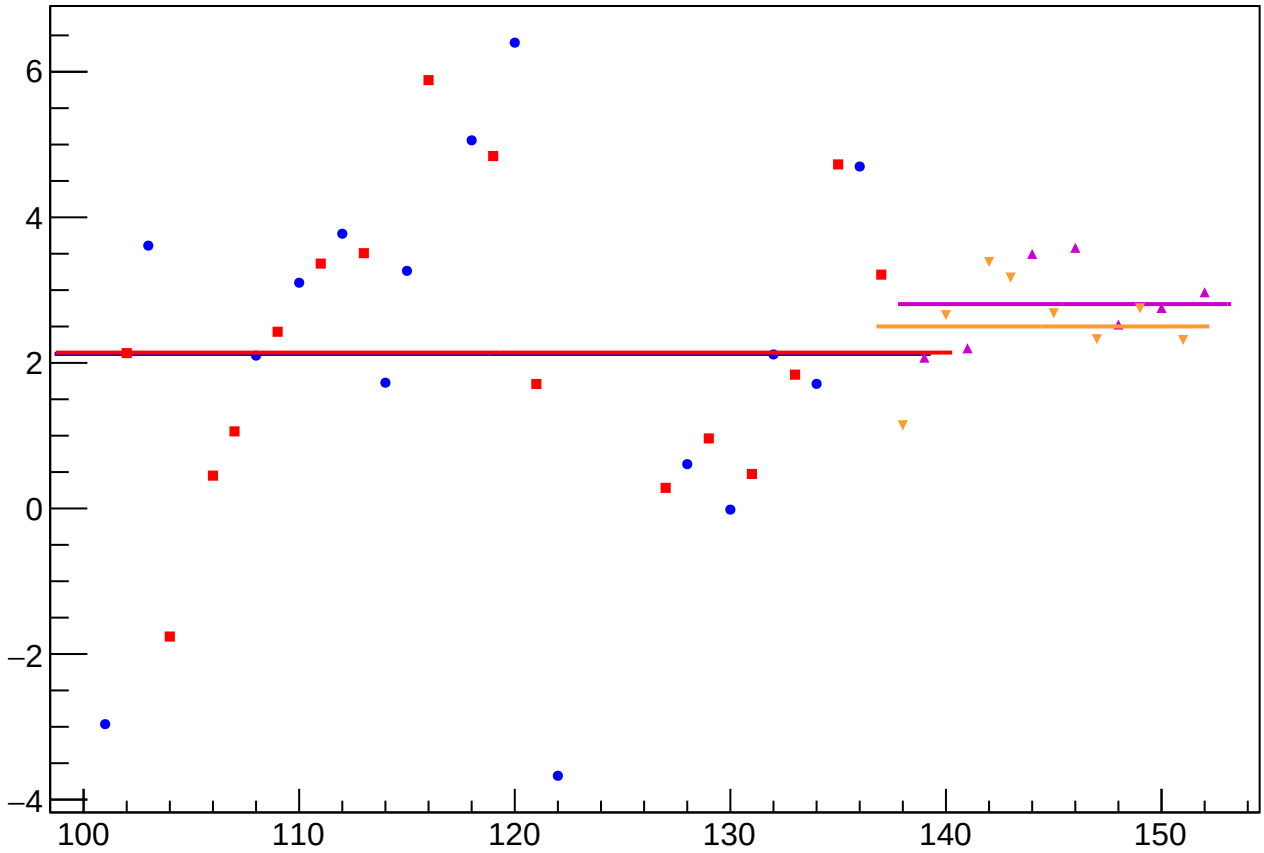
Left In: 1265.633+/-0.000 χ^2/NDF:2017079581364644341905605875057295360 0.0/6

+ sign 1114.200+/-0.000 χ^2/NDF: 7440116912151 3

All: 1124.336+/-0.000 χ^2/NDF: 1870591755 0

- sign 1134.272+/-0.000 χ^2/NDF: 1124053264291 5

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

+ sign 2.303+/-0.000 χ^2/NDF: 5532925168360258 3

Left Out: 2.501+/-0.000 χ^2/NDF:22489005649906582220489866870784 0.0/7

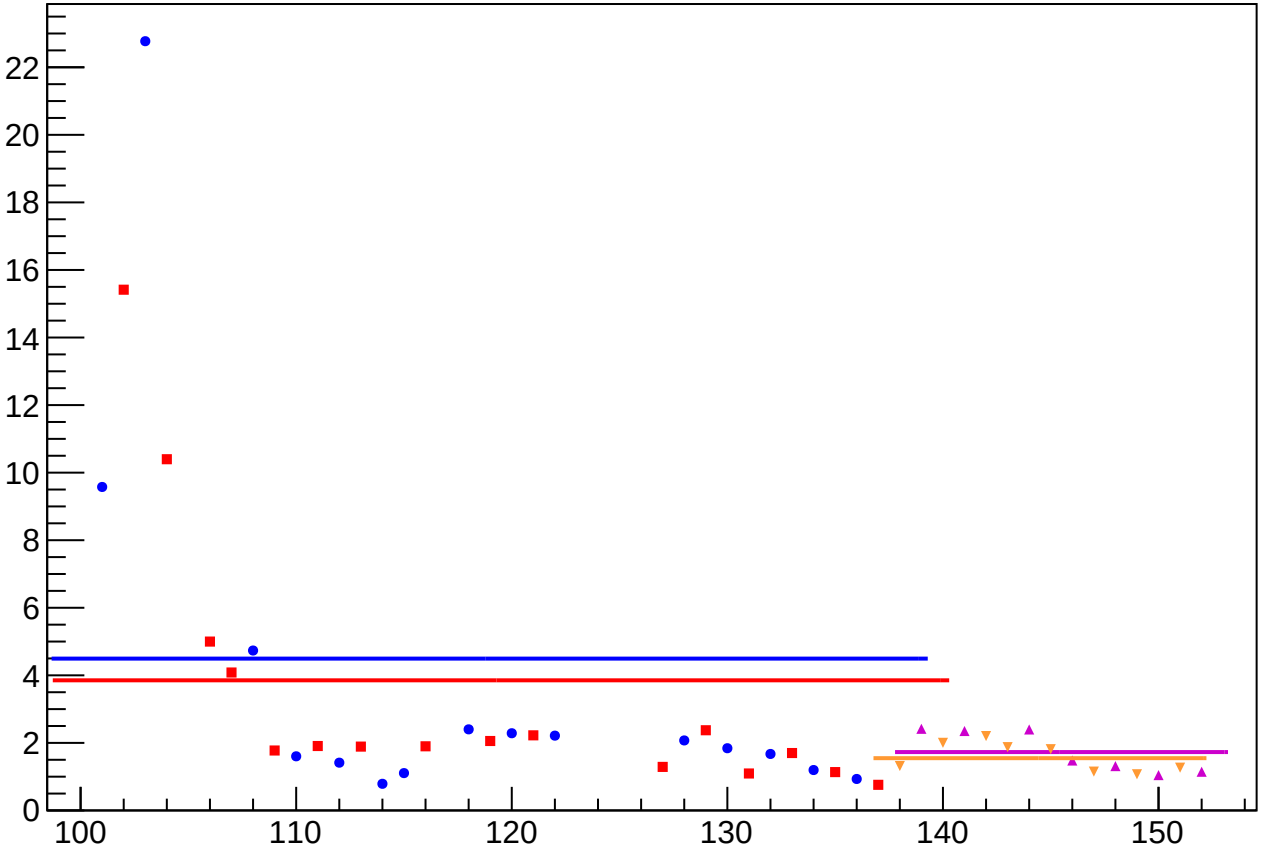
All: 2.381+/-0.000 χ^2/NDF: 8337360323391 4

Right Out: 2.142+/-0.000 χ^2/NDF: 247294994099367246616169225702604 8.0/15

- sign 2.457+/-0.000 χ^2/NDF: 2789580061250086 7

Left In: 2.808+/-0.000 χ^2/NDF:176363642274517552735558880460800.0/6

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 2527024221981606153232919863440179 2.0/14

+ sign 3.088+/-0.000 χ^2/NDF: 2805338641056590 3

Left Out: 1.548+/-0.000 χ^2/NDF:91195756069551550422756989337600.0/7

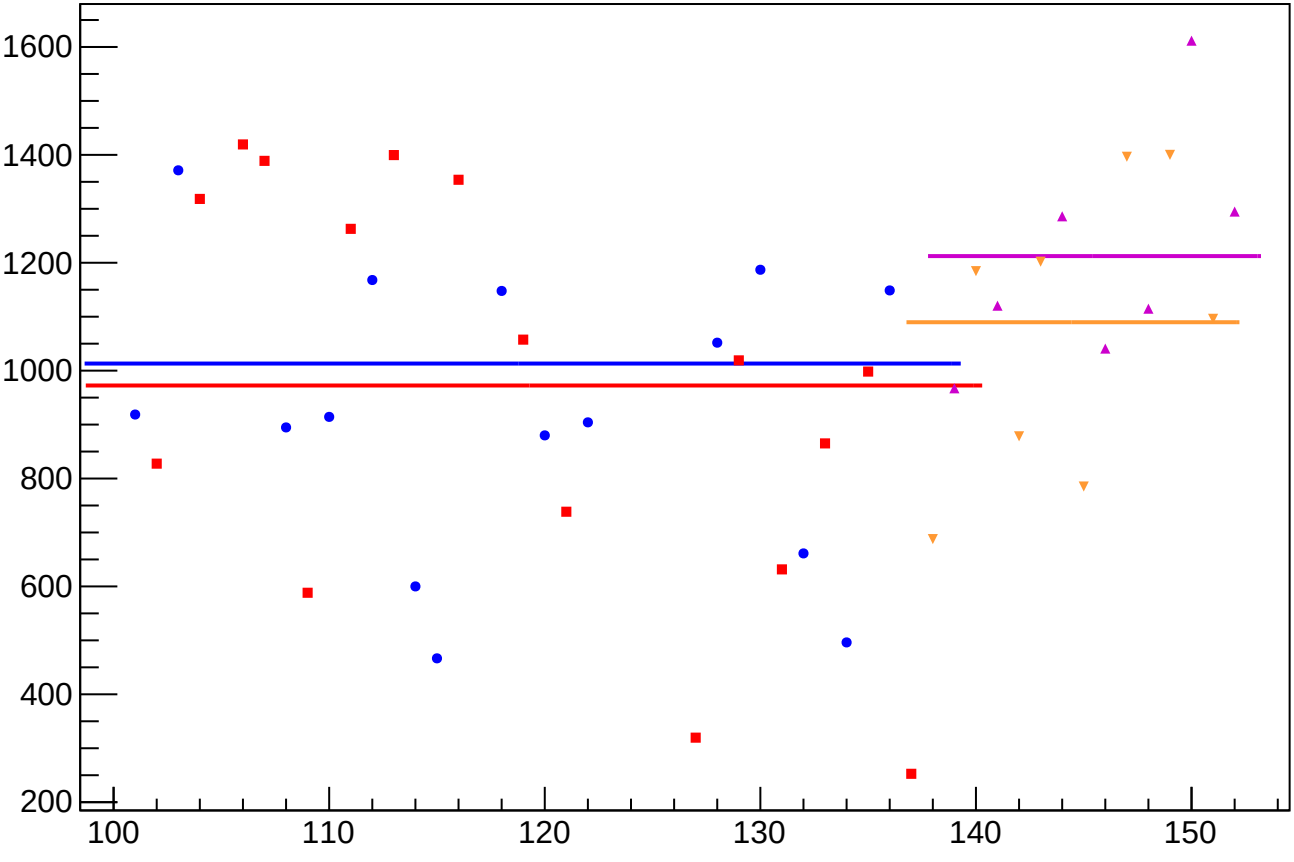
All: 2.966+/-0.000 χ^2/NDF: 4203258609676 5

Right Out: 3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

- sign 2.847+/-0.000 χ^2/NDF: 1394268959848743 4

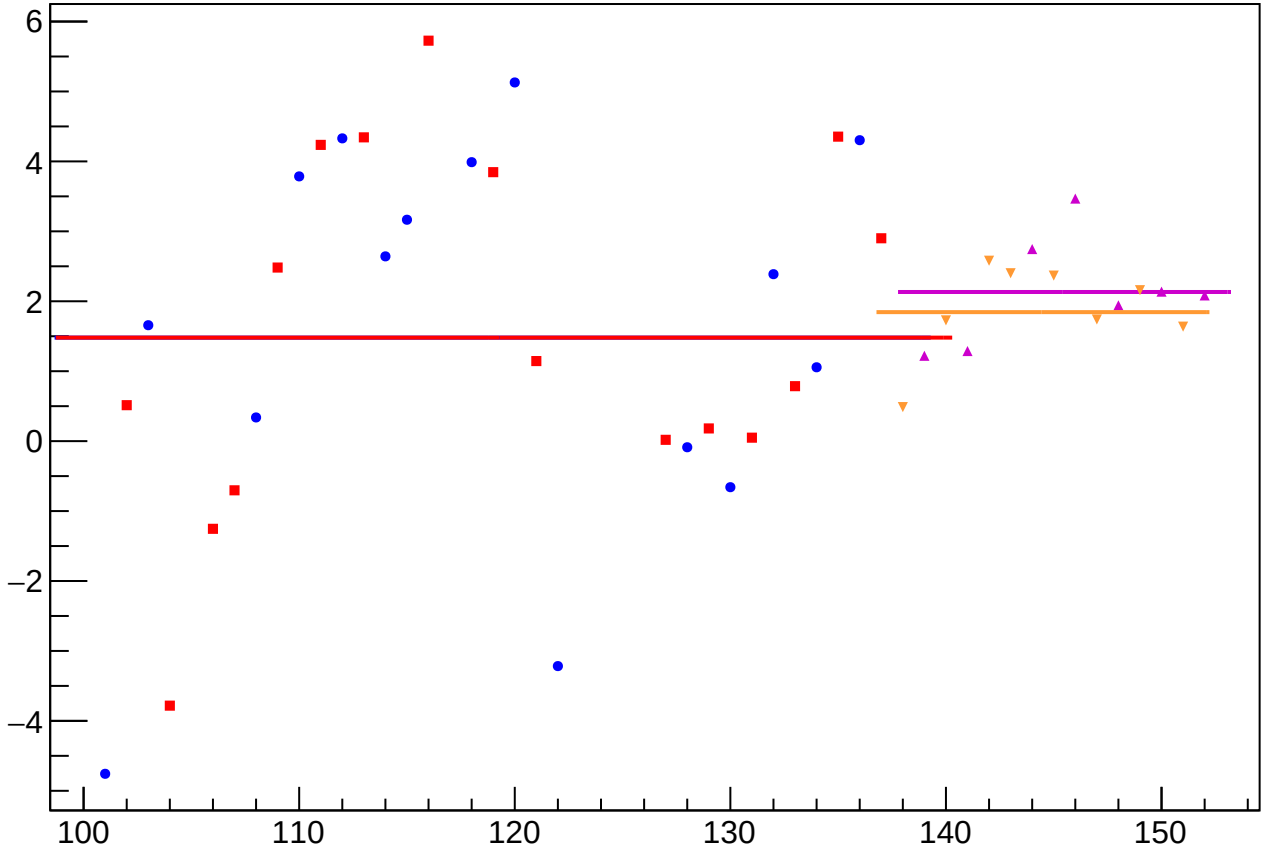
Left In: 1.728+/-0.000 χ^2/NDF:2028499342771212397970894796881 92.0/6

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Left Out: 1.845+/-0.000 χ^2/NDF:2251057590947101655630189239992 32.0/7

Right Out: 1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

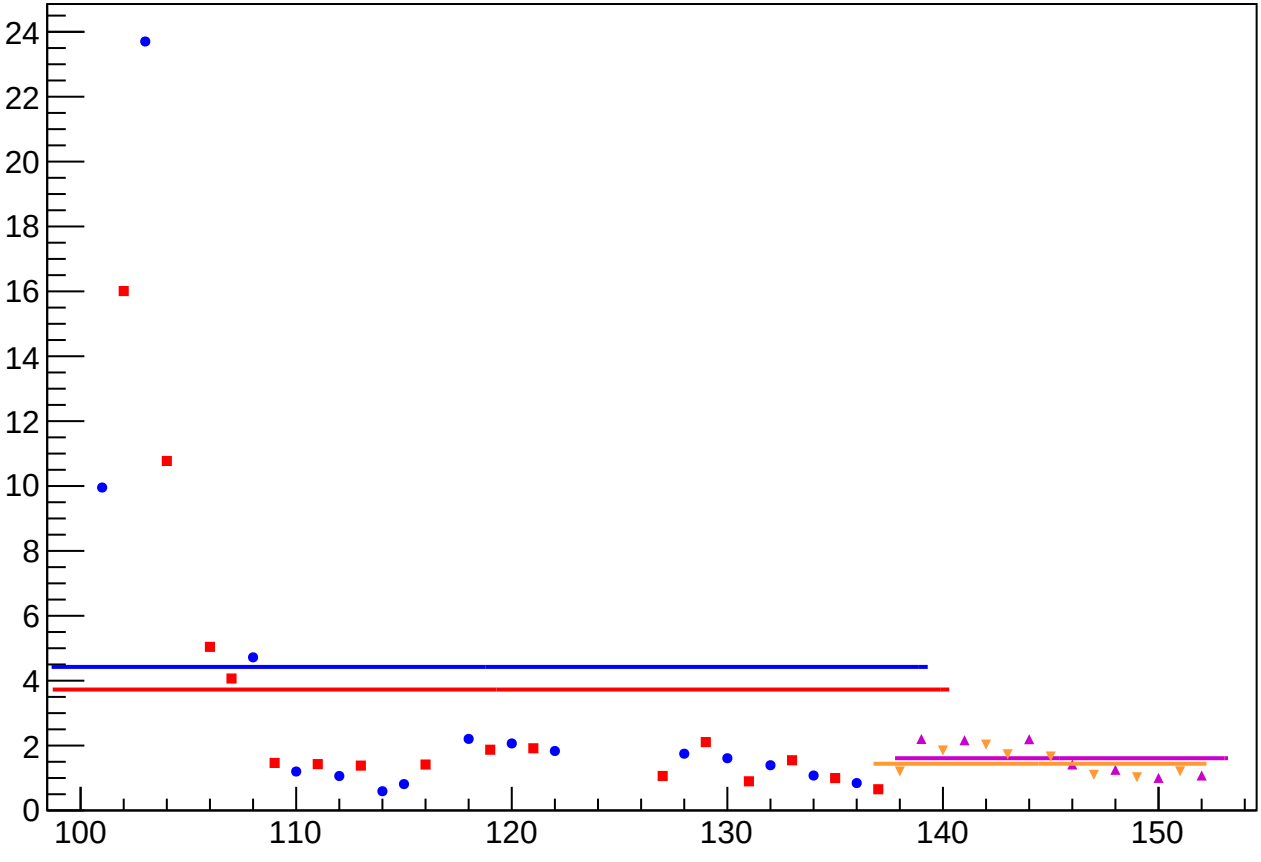
Left In: 2.133+/-0.000 χ^2/NDF:3128731003093086052041889100595 20.0/6

+ sign 1.654+/-0.000 χ^2/NDF: 6065994403795803 6

All: 1.722+/-0.000 χ^2/NDF: 1061744115423 3

- sign 1.789+/-0.000 χ^2/NDF: 4539996794735955 7

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF: 28257459272876210608839830473277440.0/14

+ sign 2.999+/-0.000 χ^2/NDF: 3108955946951496

Left Out: 1.440+/-0.000 χ^2/NDF:7175305459980495650534984987443 2.0/7

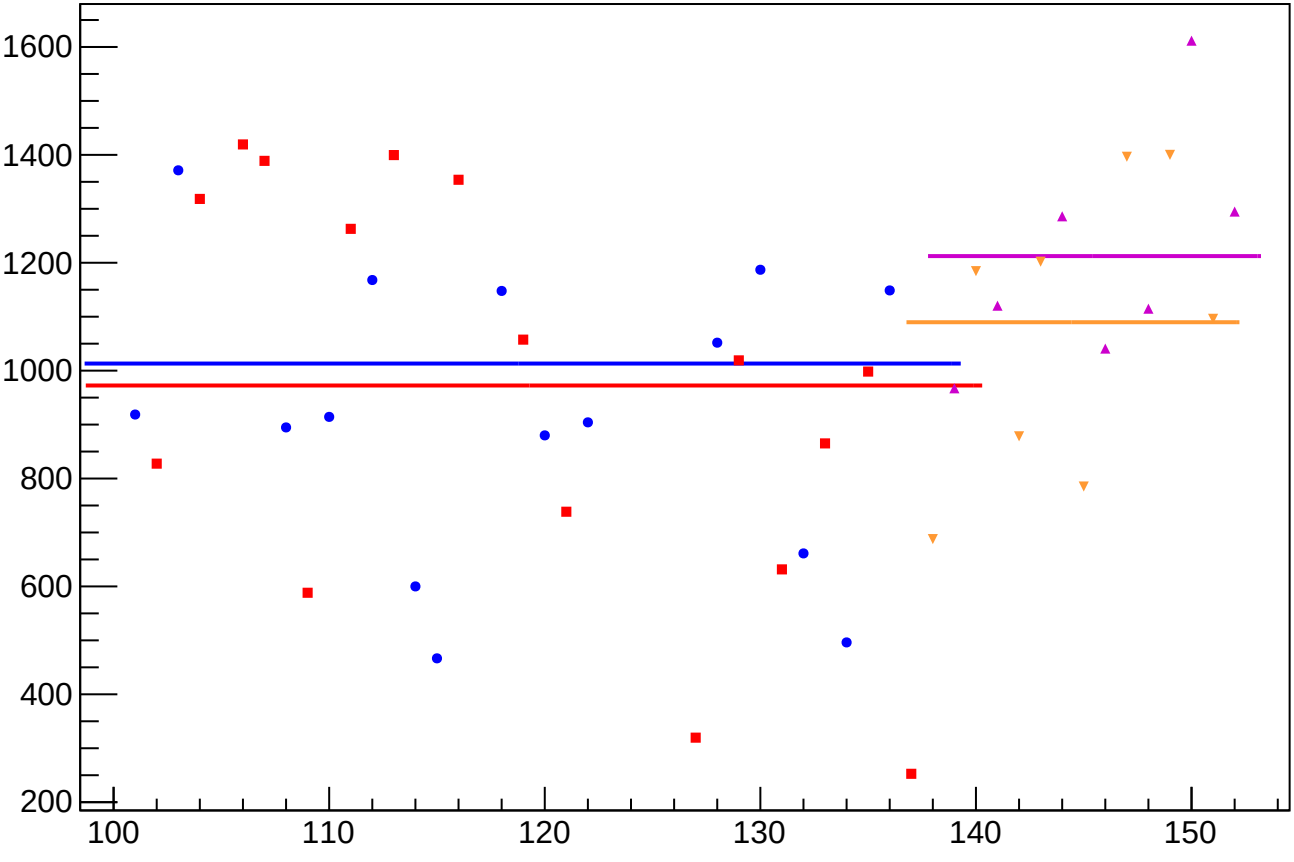
All: 2.861+/-0.000 χ^2/NDF: 4670137588469

Right Out: 3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

- sign 2.725+/-0.000 χ^2/NDF: 1556443748931864

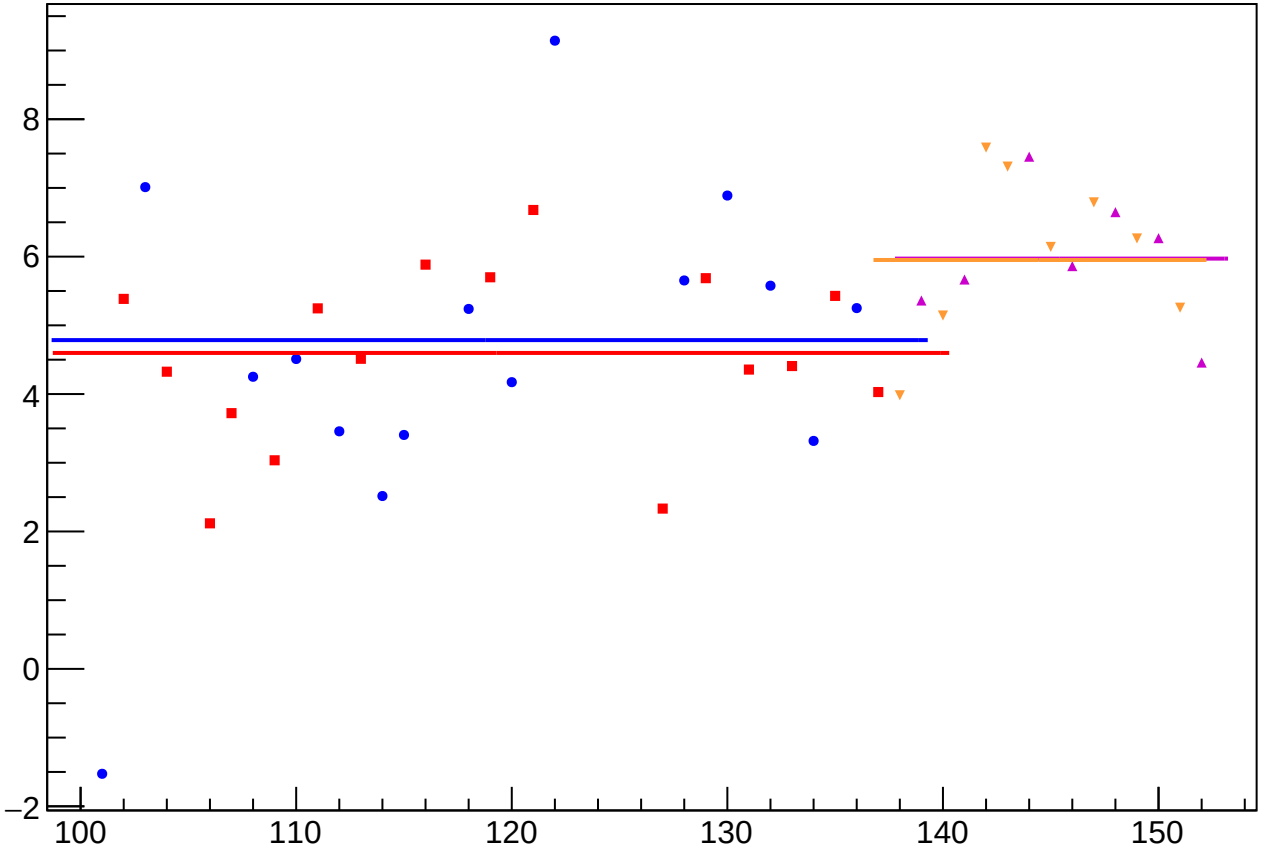
Left In: 1.610+/-0.000 χ^2/NDF:157126200165884010971821542211584.0/6

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14

Left Out: 5.951+/-0.000 χ^2/NDF:7059812693376614319403481086033 92.0/7

Right Out: 4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15

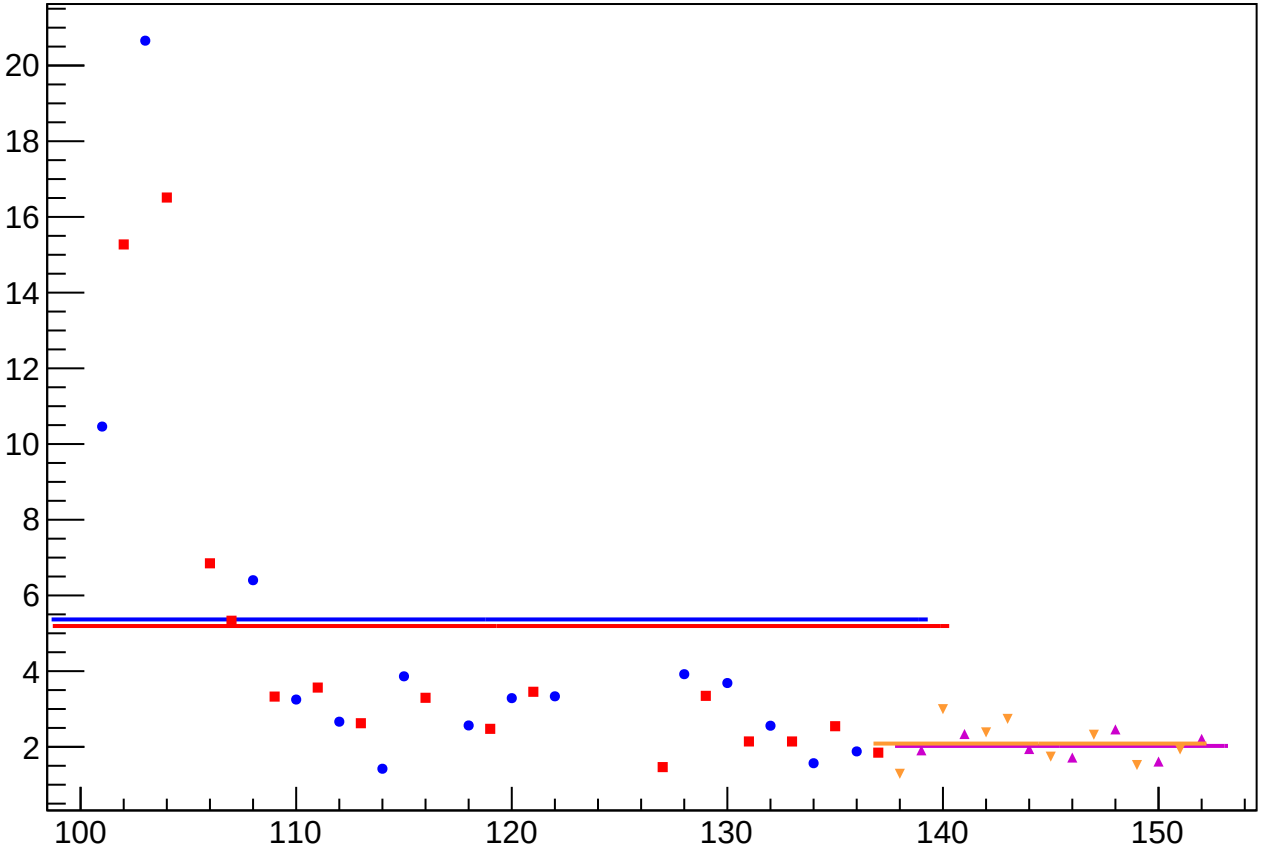
Left In: 5.971+/-0.000 χ^2/NDF:4804495000914007460491979516805 12.0/6

+ sign 5.342+/-0.000 χ^2/NDF: 5124044789038472 3

All: 5.295+/-0.000 χ^2/NDF: 7194965698739 0

- sign 5.248+/-0.000 χ^2/NDF: 2065441210851910 7

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

+ sign 3.800+/-0.000 χ^2/NDF: 2230593663481808 5

Left Out: 2.087+/-0.000 χ^2/NDF:192724273643613897736371423936512.0/7

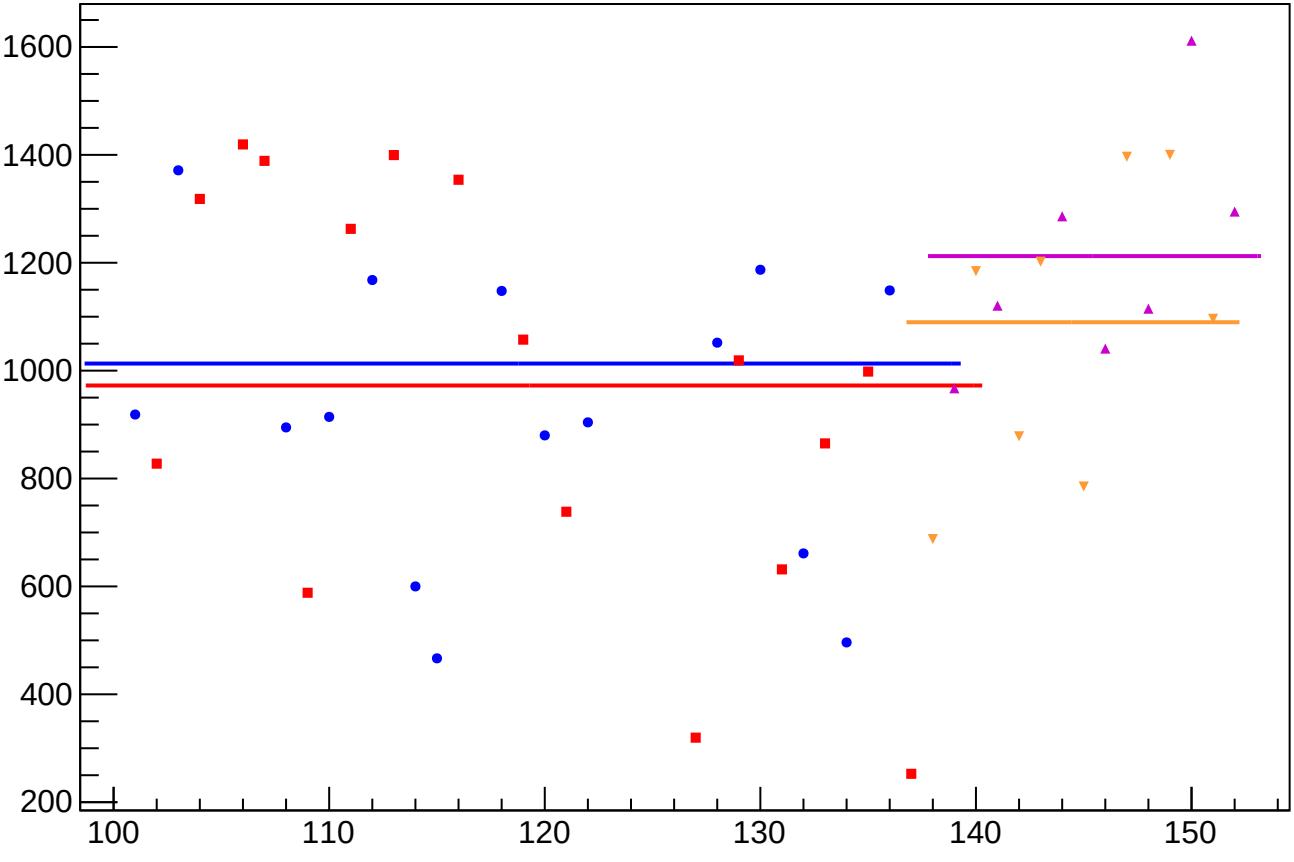
All: 3.746+/-0.000 χ^2/NDF: 4128431833354 1

Right Out: 5.192+/-0.000 χ^2/NDF: 157495737549453457544324369528913 92.0/15

- sign 3.692+/-0.000 χ^2/NDF: 1897105217037726 7

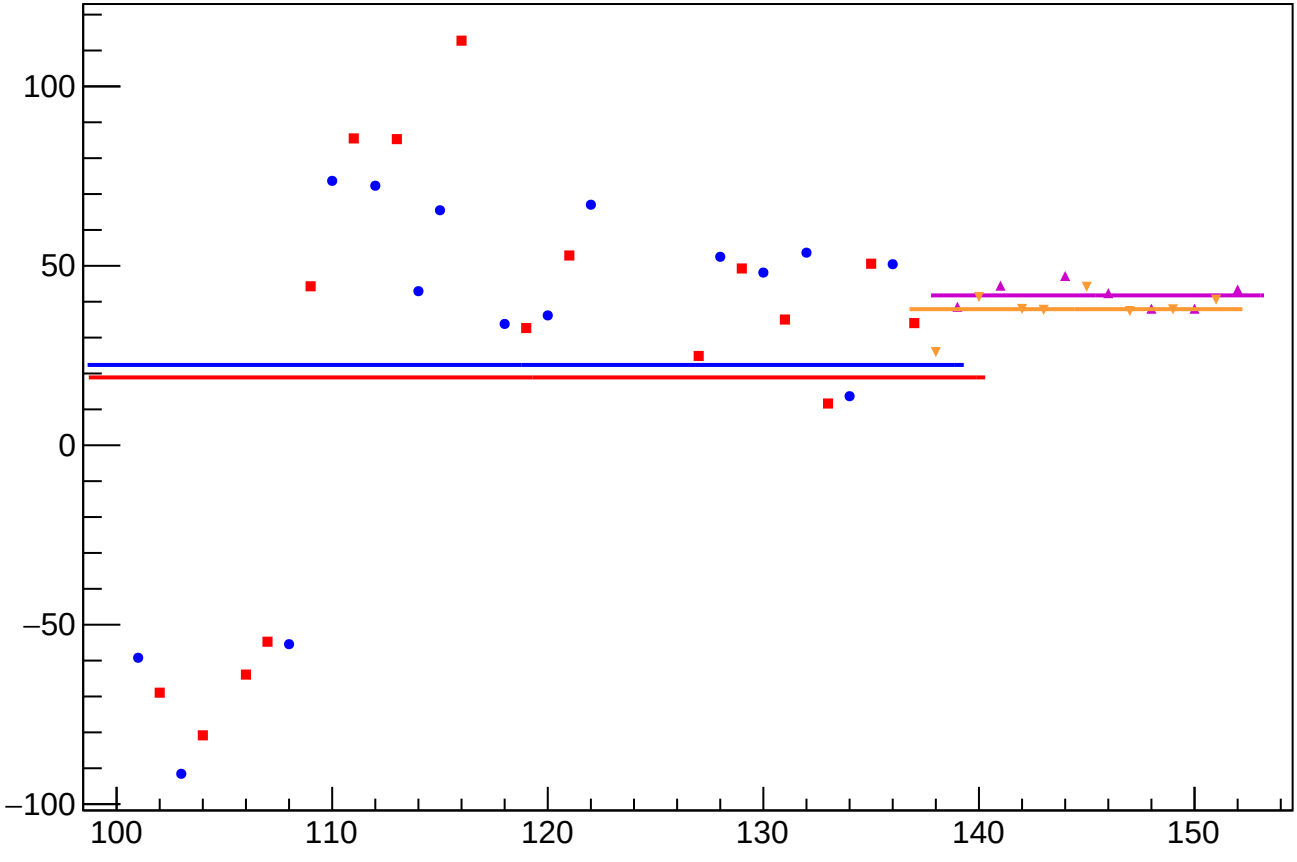
Left In: 2.025+/-0.000 χ^2/NDF:524626725472677975456688310845 44.0/6

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

Left Out: 37.925+/-0.000 χ^2/NDF:158432689664346246740624642660106 24.0/7

Right Out: 18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783782 4.0/15

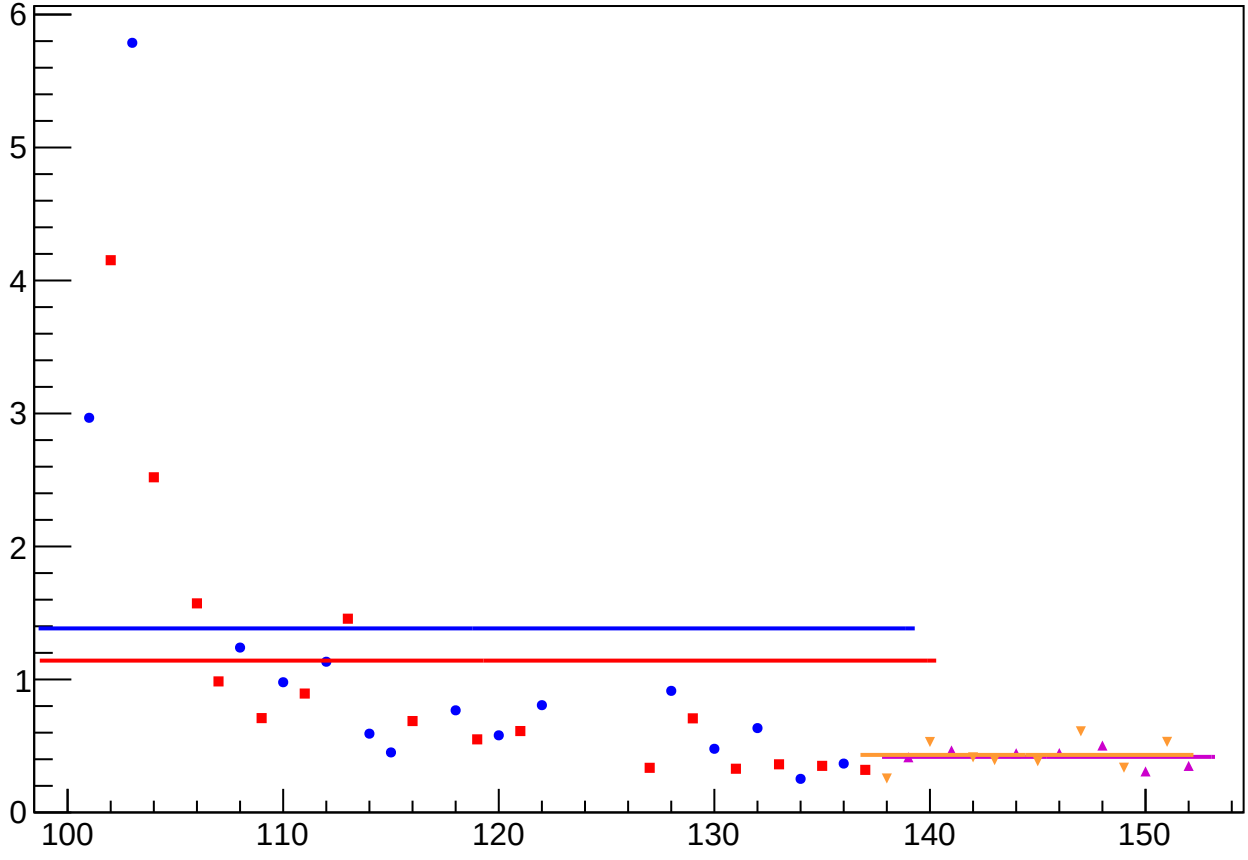
Left In: 41.766+/-0.000 χ^2/NDF:671539084179943468164656420985241 6.0/6

+ sign 29.804+/-0.000 χ^2/NDF: 2012934940136016

All: 29.768+/-0.000 χ^2/NDF: 436692541087

- sign 29.732+/-0.000 χ^2/NDF: 2353987223147506

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Left Out: 0.433+/-0.000 χ^2/NDF:75042031980097210541152403456 00.0/7

Right Out: 1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

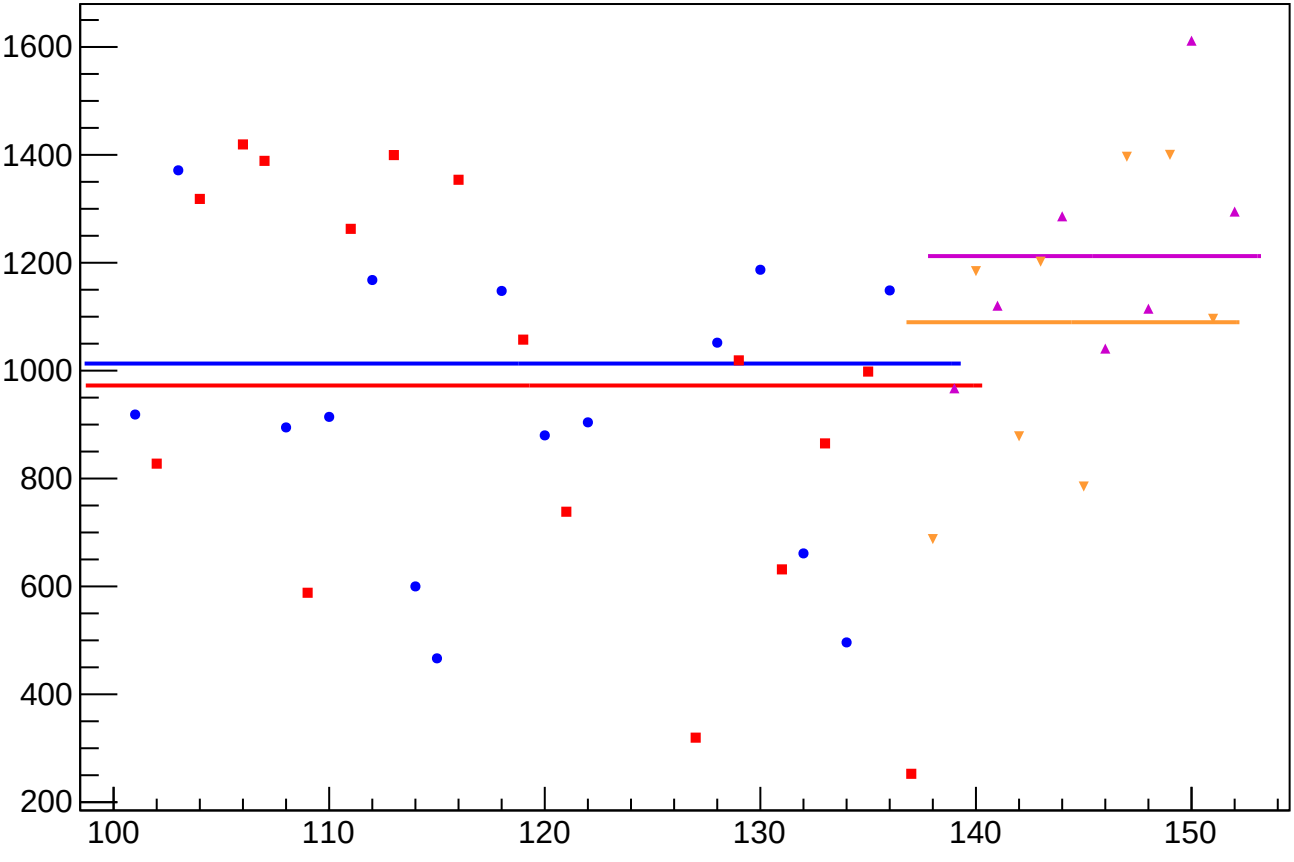
Left In: 0.418+/-0.000 χ^2/NDF:243464121082585266756934801817 6.0/6

+ sign 0.930+/-0.000 χ^2/NDF: 1858997582473421 2

All: 0.864+/-0.000 χ^2/NDF: 2848318838082 7

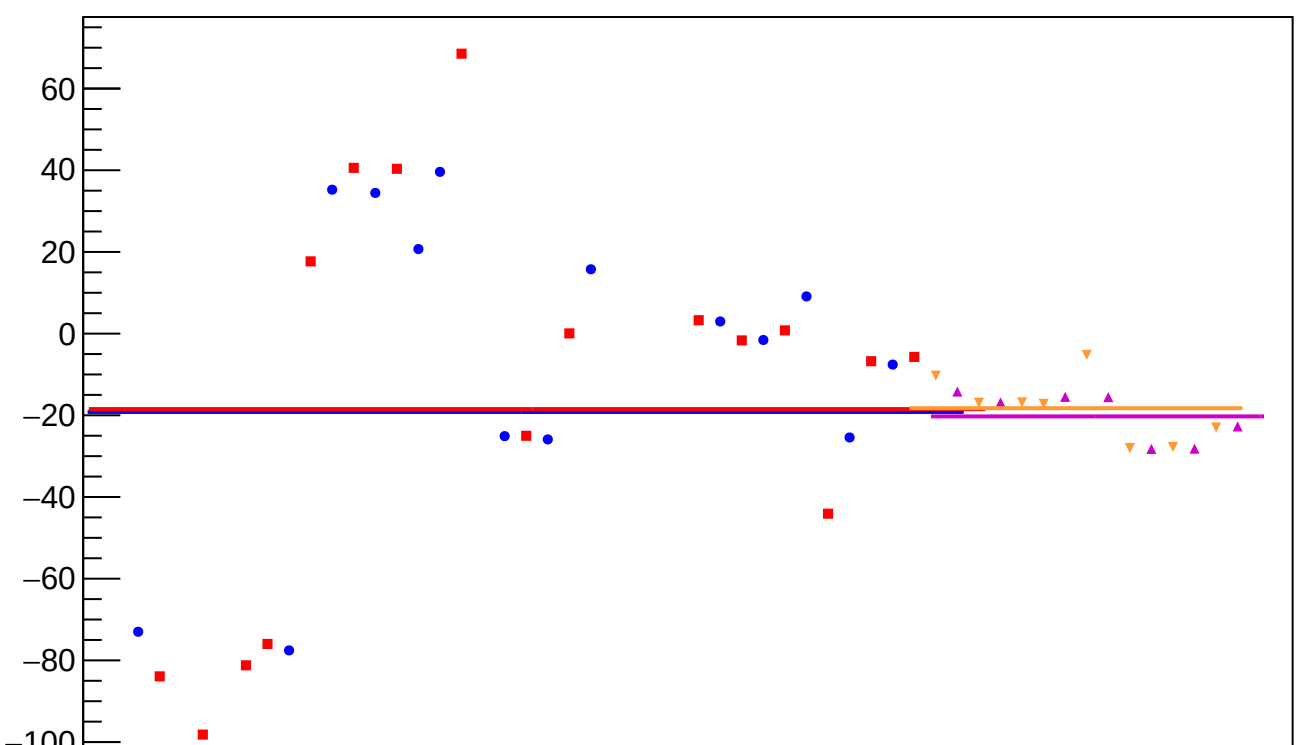
- sign 0.799+/-0.000 χ^2/NDF: 9785929766915823 2

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

+ sign -18.738+/-0.000 χ^2/NDF: 128237962720290

Left Out: -18.260+/-0.000 χ^2/NDF:357555810529113354868824951834542 08.0/7

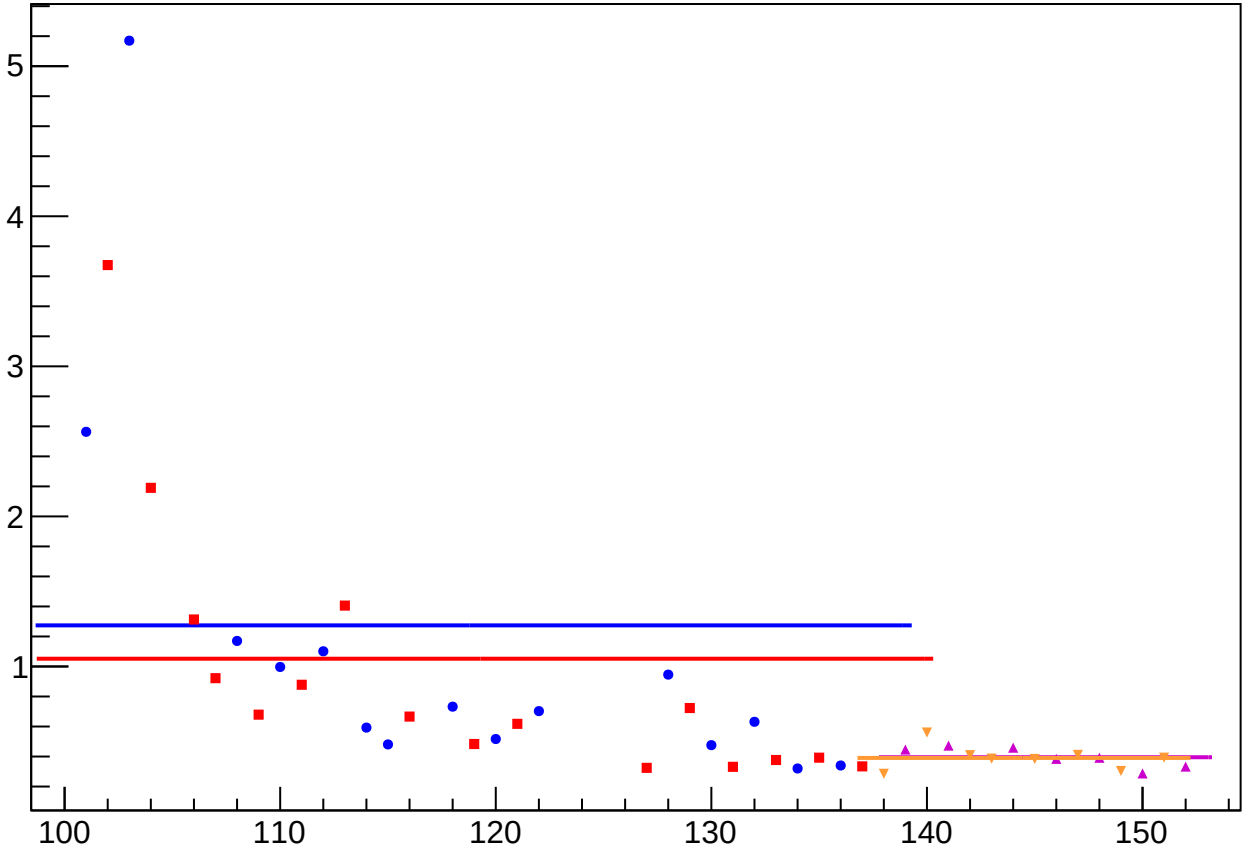
All: -19.035+/-0.000 χ^2/NDF: 279239910484

Right Out: -18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

- sign -19.326+/-0.000 χ^2/NDF: 150980266642274 0

Left In: -20.268+/-0.000 χ^2/NDF:1939344731466813584103269192643 3792.0/6

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.391+/-0.000 χ^2/NDF:39117381772503992801964243025 92.0/7

Right Out: 1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

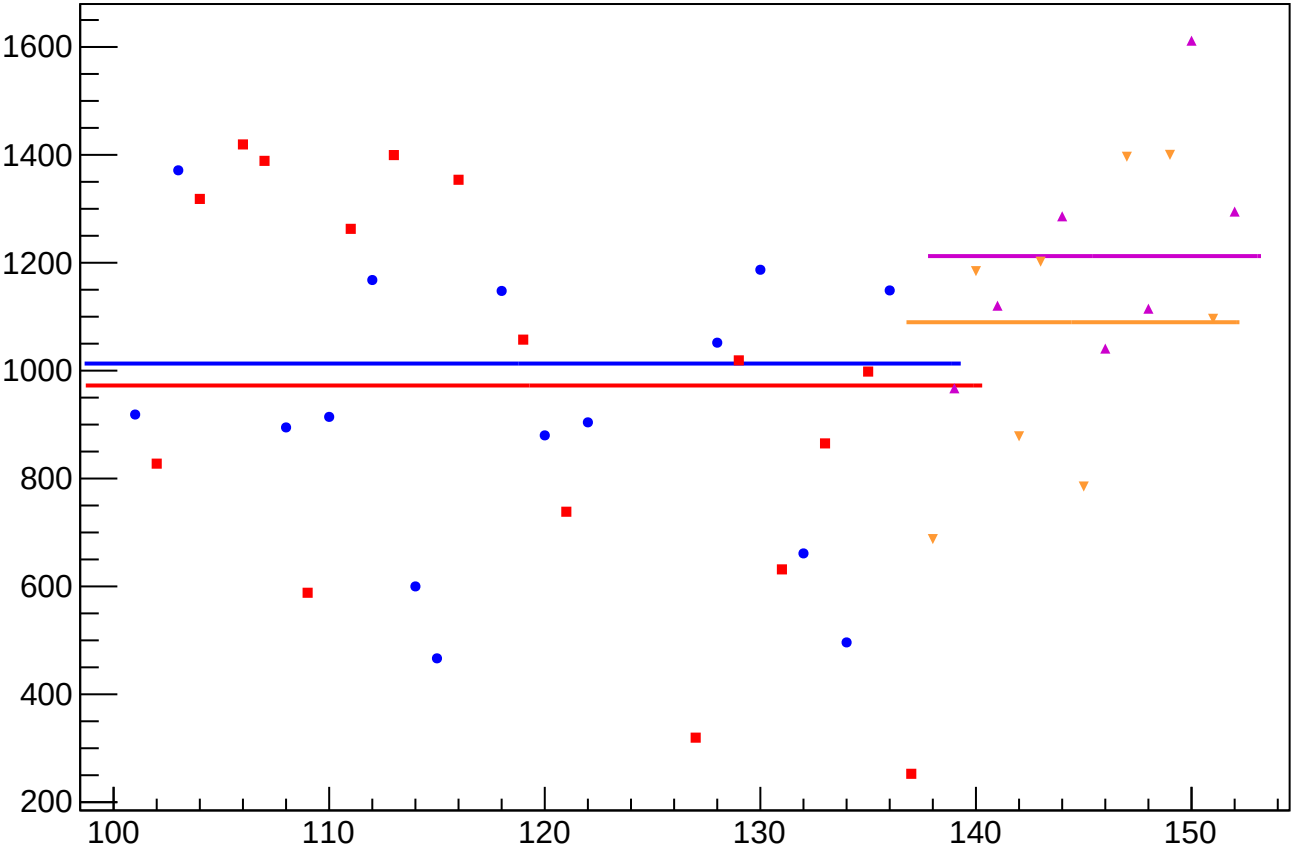
Left In: 0.395+/-0.000 χ^2/NDF:249407990625750525712747462 6560.0/6

+ sign 0.852+/-0.000 χ^2/NDF: 1457662414134298 8

All: 0.796+/-0.000 χ^2/NDF: 2211392652077 0

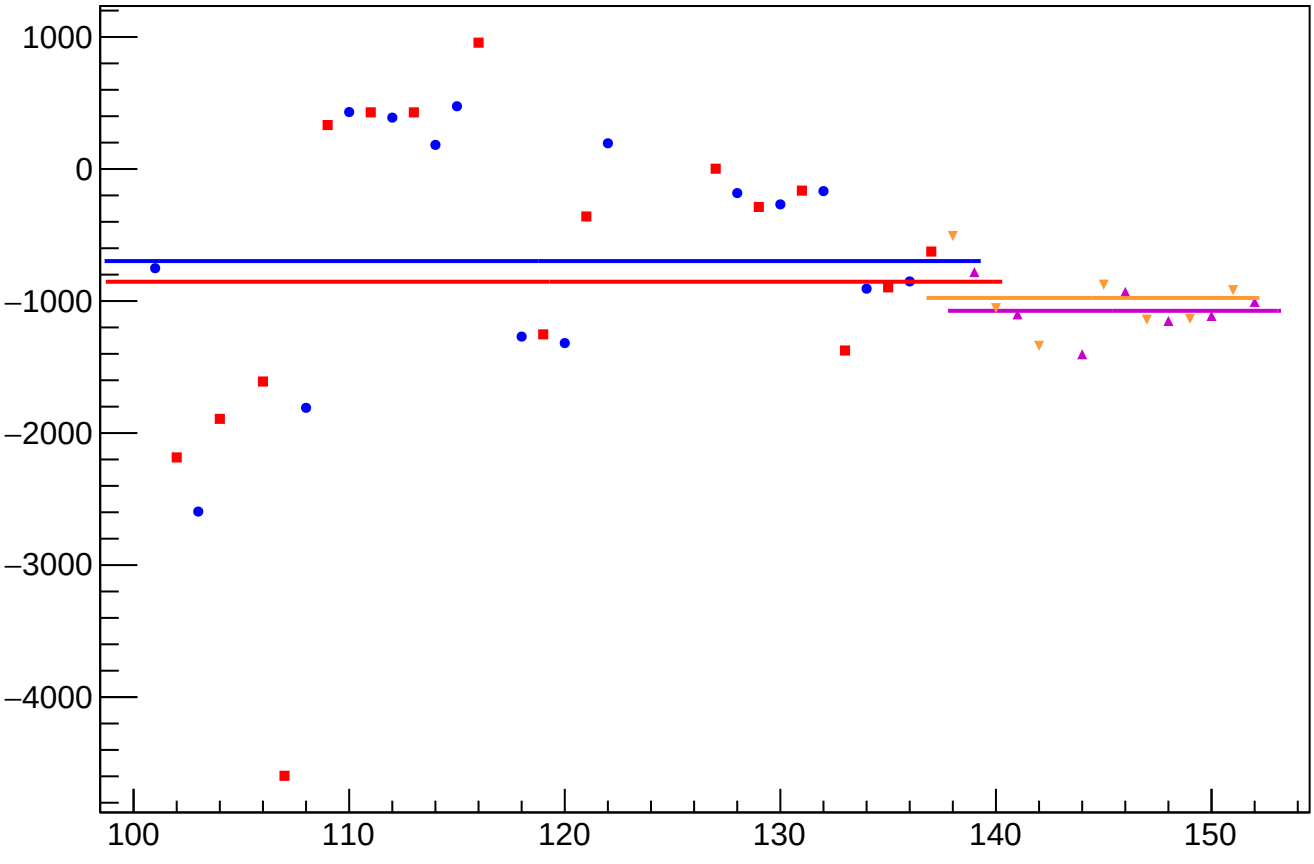
- sign 0.741+/-0.000 χ^2/NDF: 7459531376283226 8

dit_4eY_coil6_Ndata_mean vs Slug



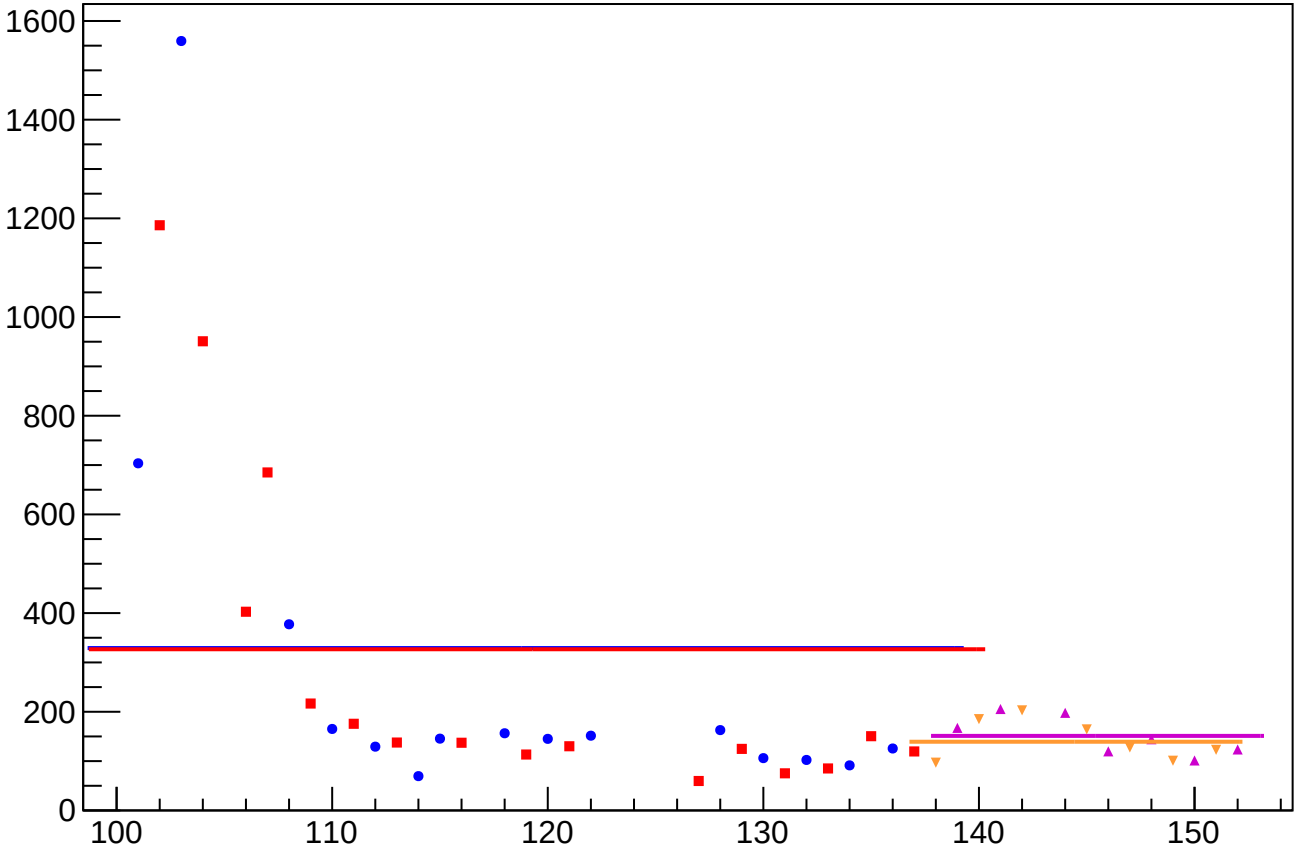
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14
+ sign -822.245+/-0.000 χ^2/NDF: 54210344252764
Left Out: -976.428+/-0.000 χ^2/NDF:290288203582373391907113403024324689 92.0/6
All: -892.699+/-0.000 χ^2/NDF: 1666456167 1
Right Out: -853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15
- sign -958.038+/-0.000 χ^2/NDF: 111311118882504
Left In: -1073.990+/-0.000 χ^2/NDF:194086934675975156257018840474871398 40.0/6

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

+ sign 244.124+/-0.000 χ^2/NDF: 128039221628537

Left Out: 139.266+/-0.000 χ^2/NDF:704700469444769049436502250542333952.0/6

All: 243.828+/-0.000 χ^2/NDF: 226189798097

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

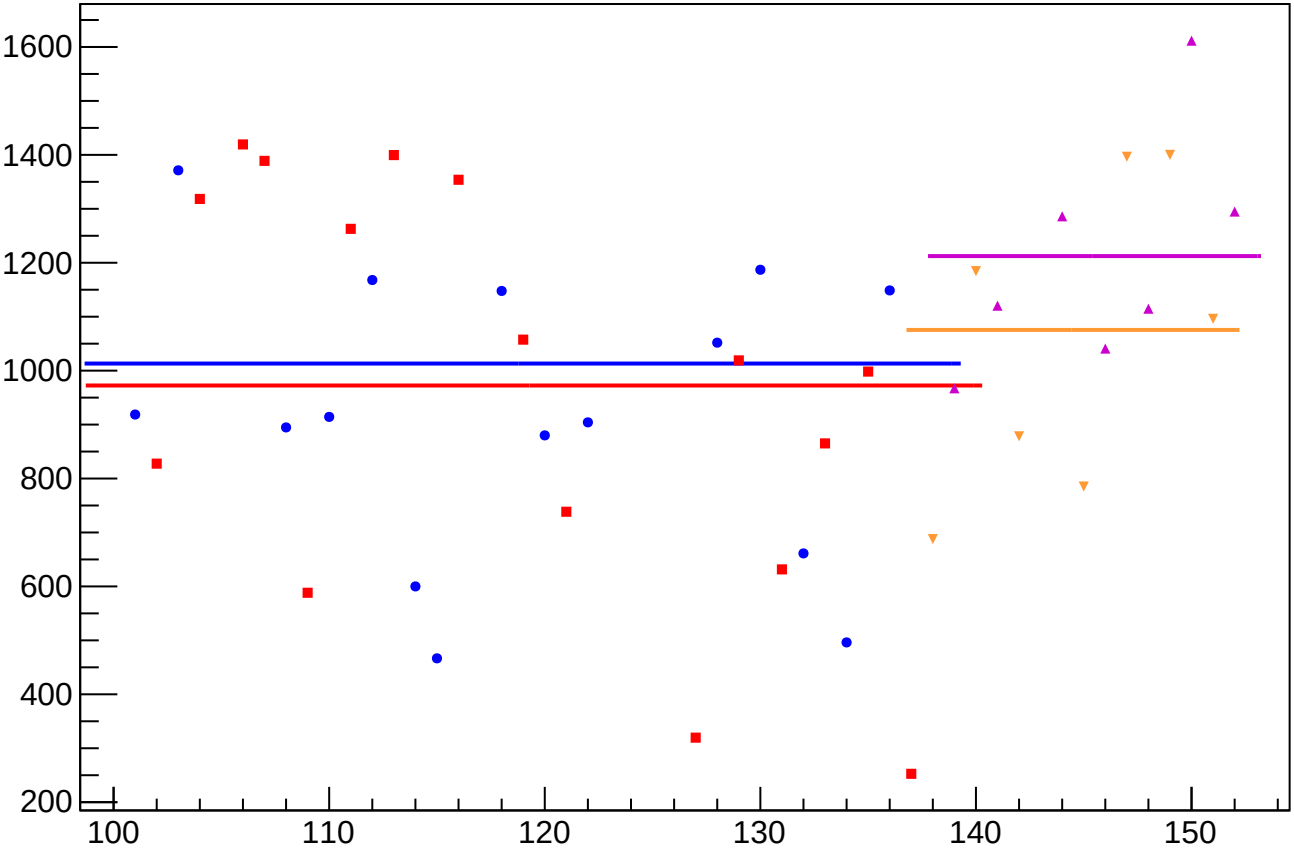
- sign 243.554+/-0.000 χ^2/NDF: 981503789358786

Left Out: 139.266+/-0.000 χ^2/NDF:704700469444769049436502250542333952.0/6

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

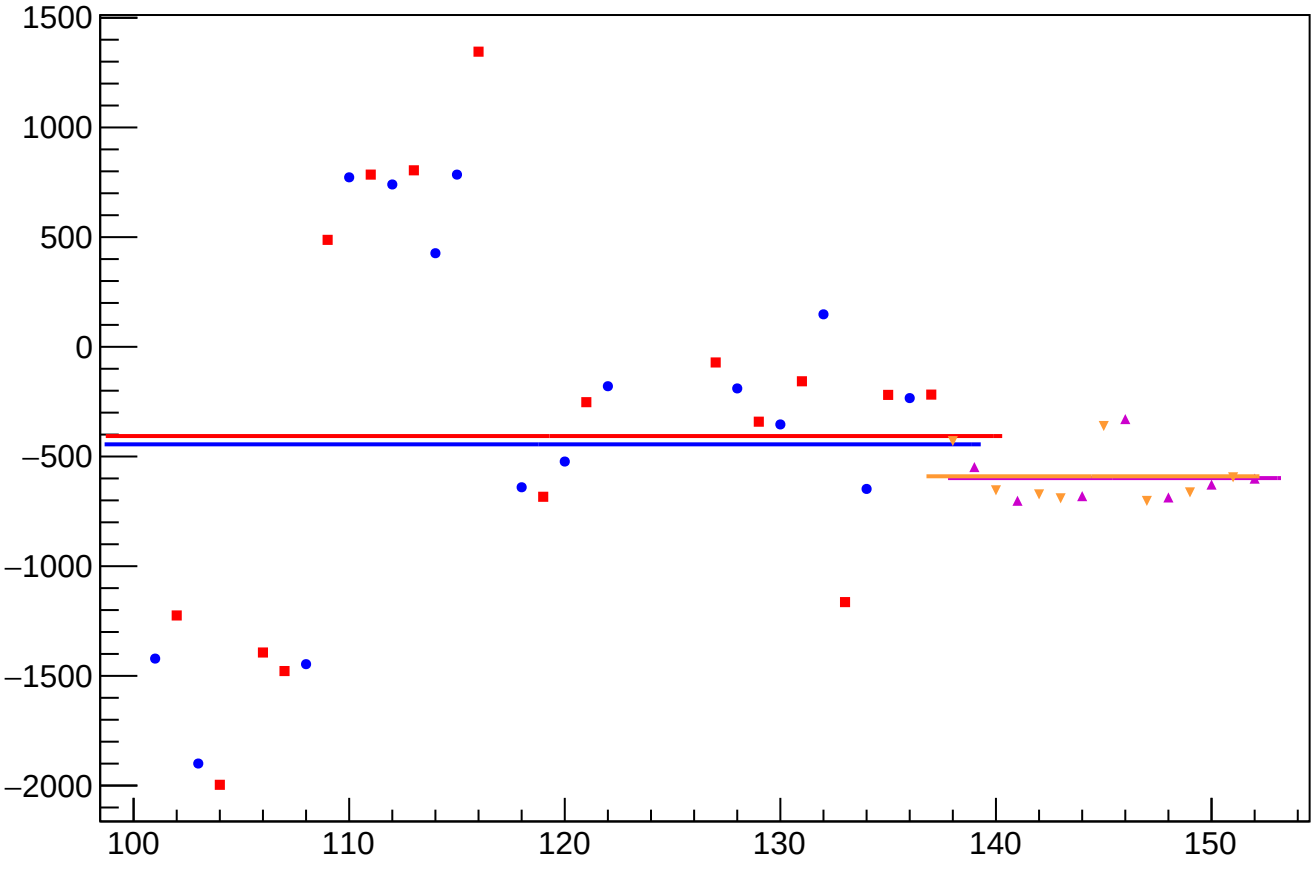
Left In: 151.130+/-0.000 χ^2/NDF:845387015527902092700176016794976256.0/6

dit_usl_coil6_Ndata_mean vs Slug



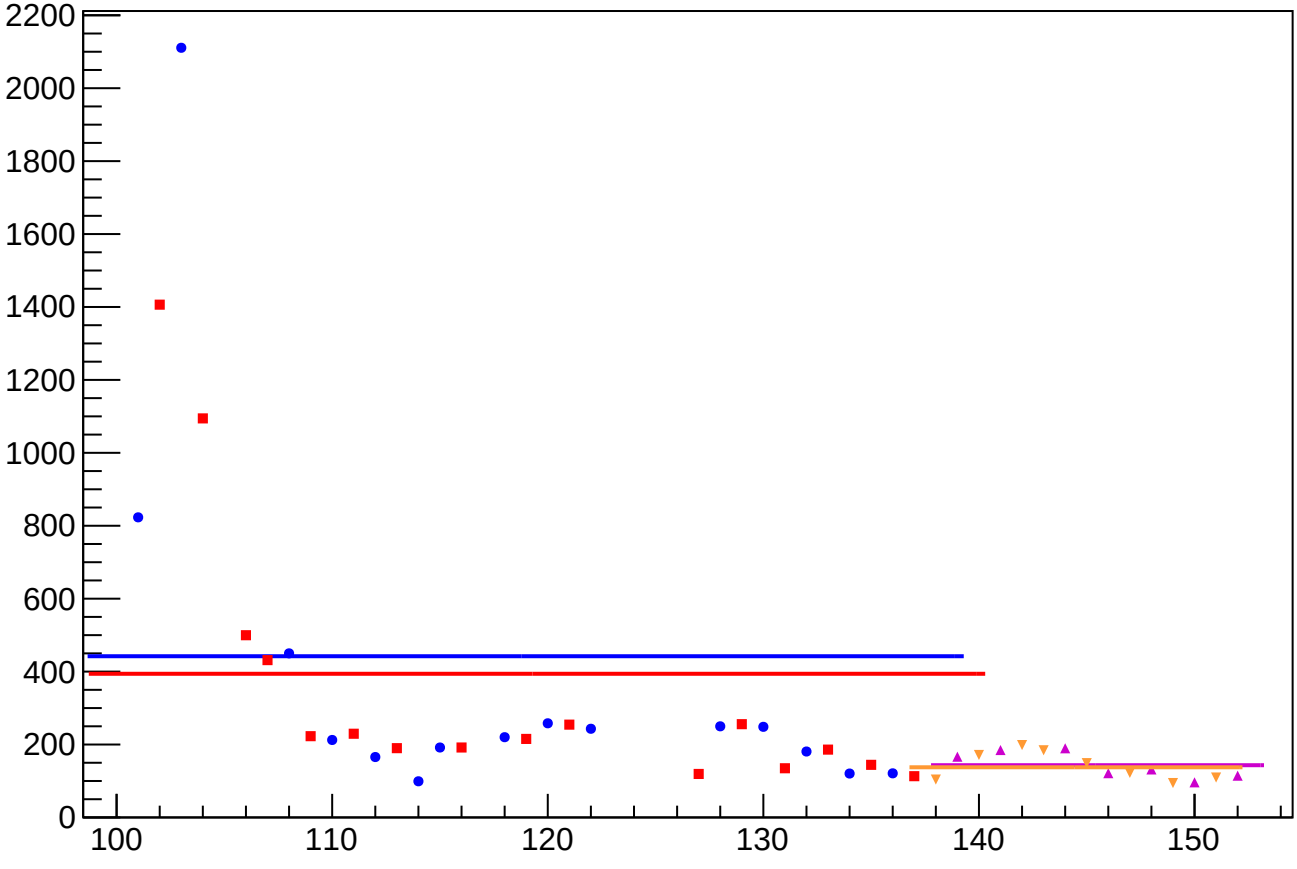
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1041.043+/-0.000 χ^2/NDF: 7108384608422 6
Left Out: 1075.462+/-0.000 χ^2/NDF:382343751358981192485723569905215733 76.0/6
All: 1064.403+/-0.000 χ^2/NDF: 1937931299 5
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:244118303536825885283776931322899988 48.0/6

dit_usr_coil6_mean vs Slug



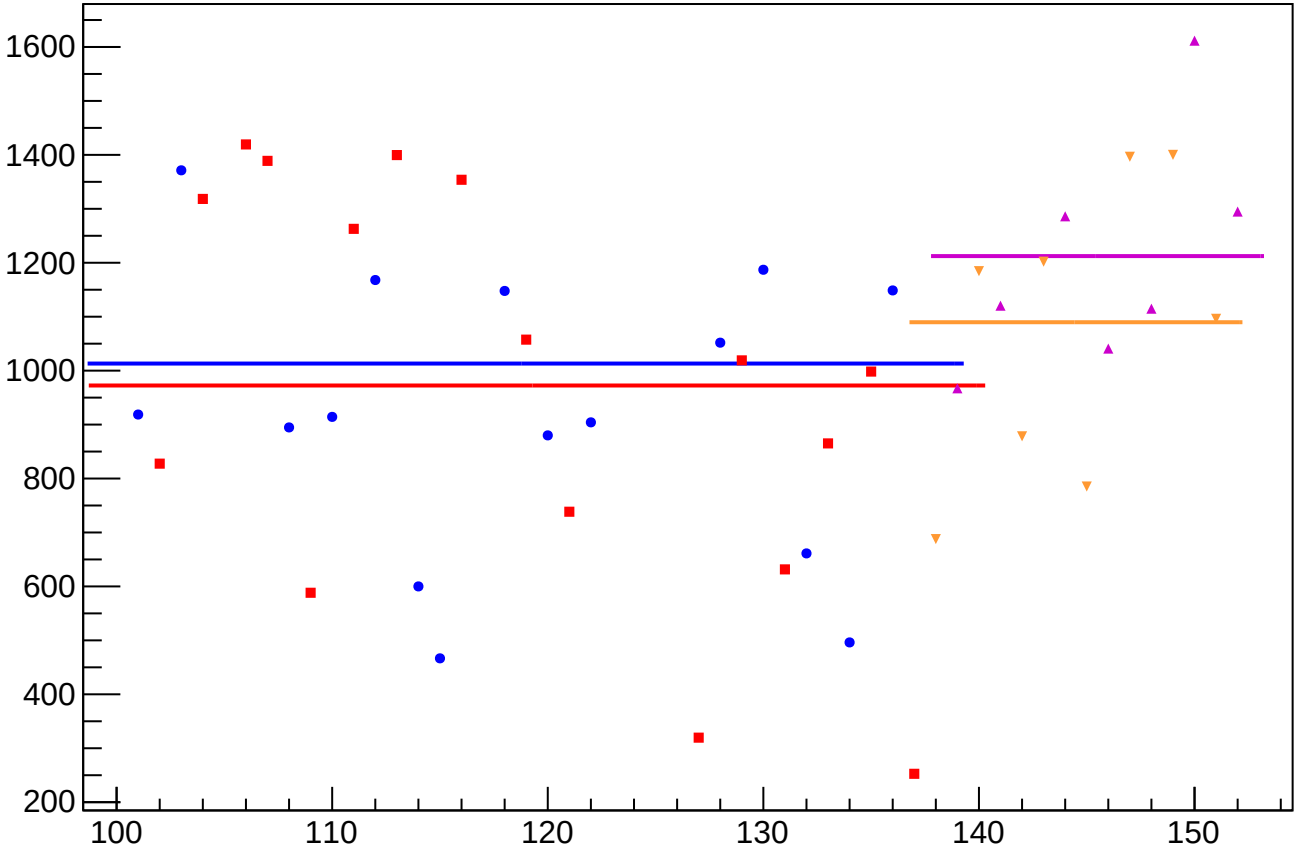
Right In: -444.512+/-0.000 χ^2/NDF: 39648190350159370306653585122995365478 4.0/14
+ sign -514.058+/-0.000 χ^2/NDF: 41207402002481
Left Out: -590.173+/-0.000 χ^2/NDF:9017625263648501075204475005538664448.0/7
All: -505.698+/-0.000 χ^2/NDF: 96142930509
Right Out: -406.729+/-0.000 χ^2/NDF: 52912242186677481001294178223912910848 0.0/15
- sign -497.503+/-0.000 χ^2/NDF: 54918337363947
Left In: -598.412+/-0.000 χ^2/NDF:8455387938044947123409788333931364352.0/6

dit_usr_coil6_err_mean vs Slug



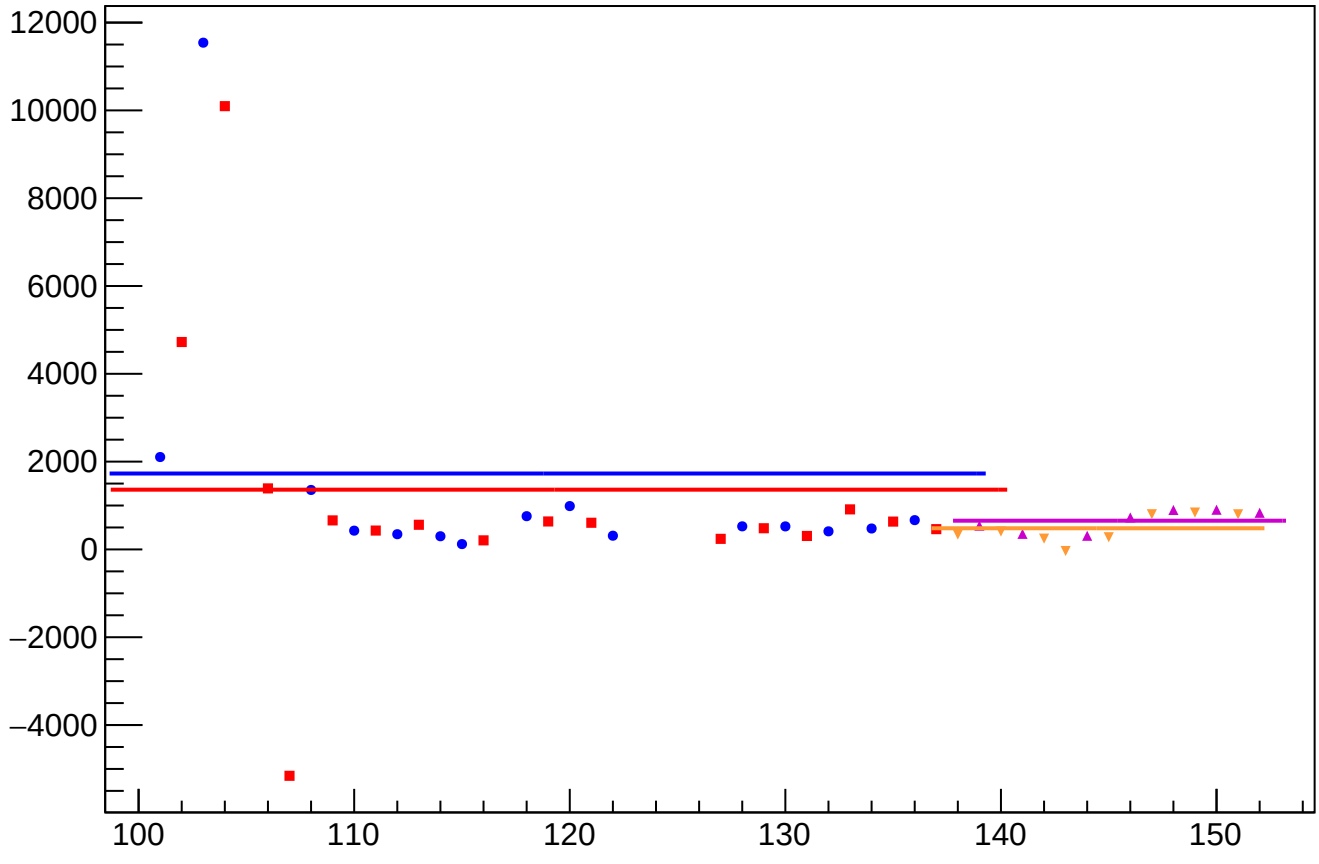
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
+ sign 296.749+/-0.000 χ^2/NDF: 233502986944012
Left Out: 137.605+/-0.000 χ^2/NDF:74504194303675454464421382321707417 6.0/7
All: 285.912+/-0.000 χ^2/NDF: 360241506753
Right Out: 394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
- sign 275.288+/-0.000 χ^2/NDF: 126449634016329
Left In: 143.282+/-0.000 χ^2/NDF:706633401233566640081713402598129664.0/6

dit_usr_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14

+ sign 1133.605+/-0.000 χ^2/NDF: 69475490717419

Left Out: 481.970+/-0.000 χ^2/NDF:5254524954616572337885746674119213056 0.0/7

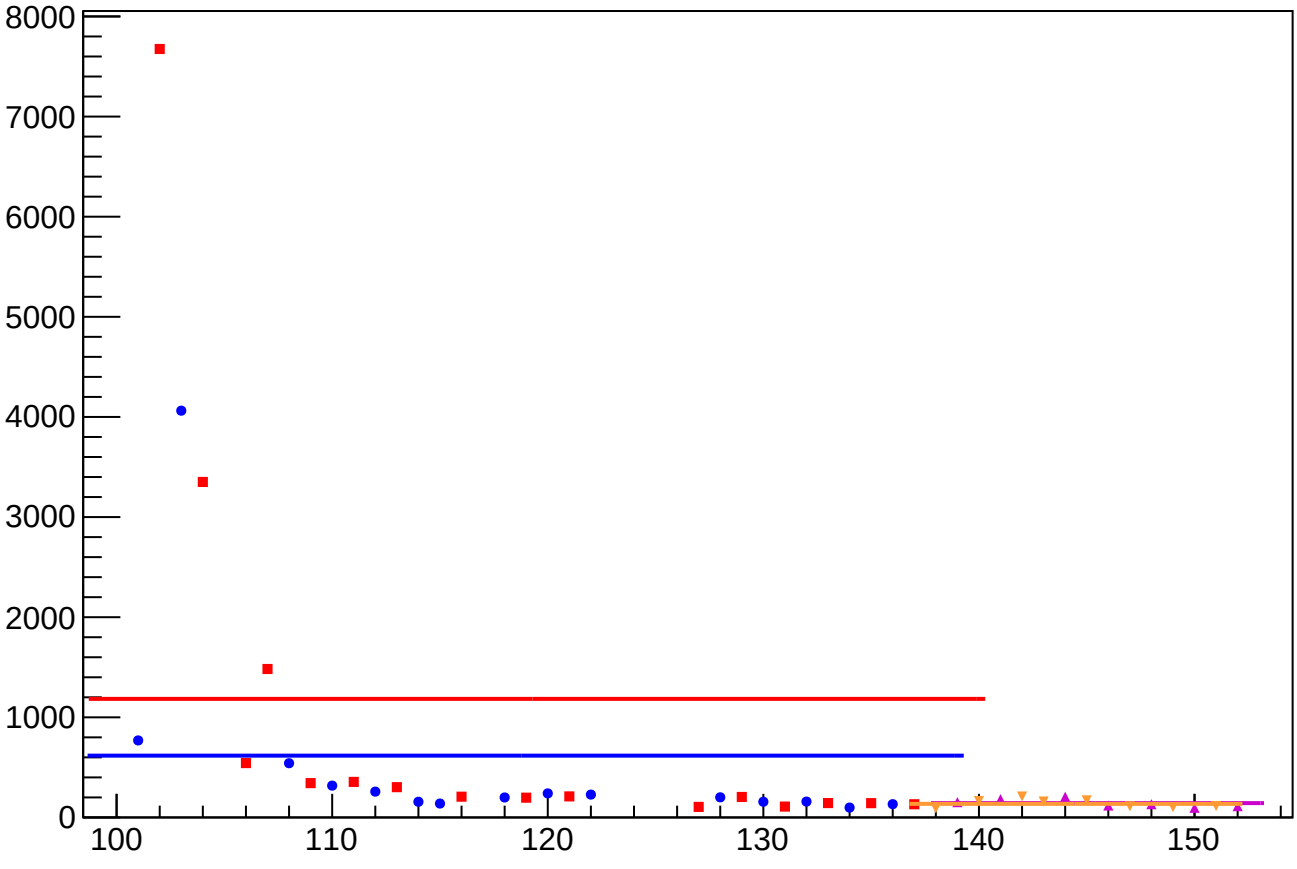
All: 1079.410+/-0.000 χ^2/NDF: 1357723001

Right Out: 1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617 4464.0/15

- sign 1026.285+/-0.000 χ^2/NDF: 66224572350337

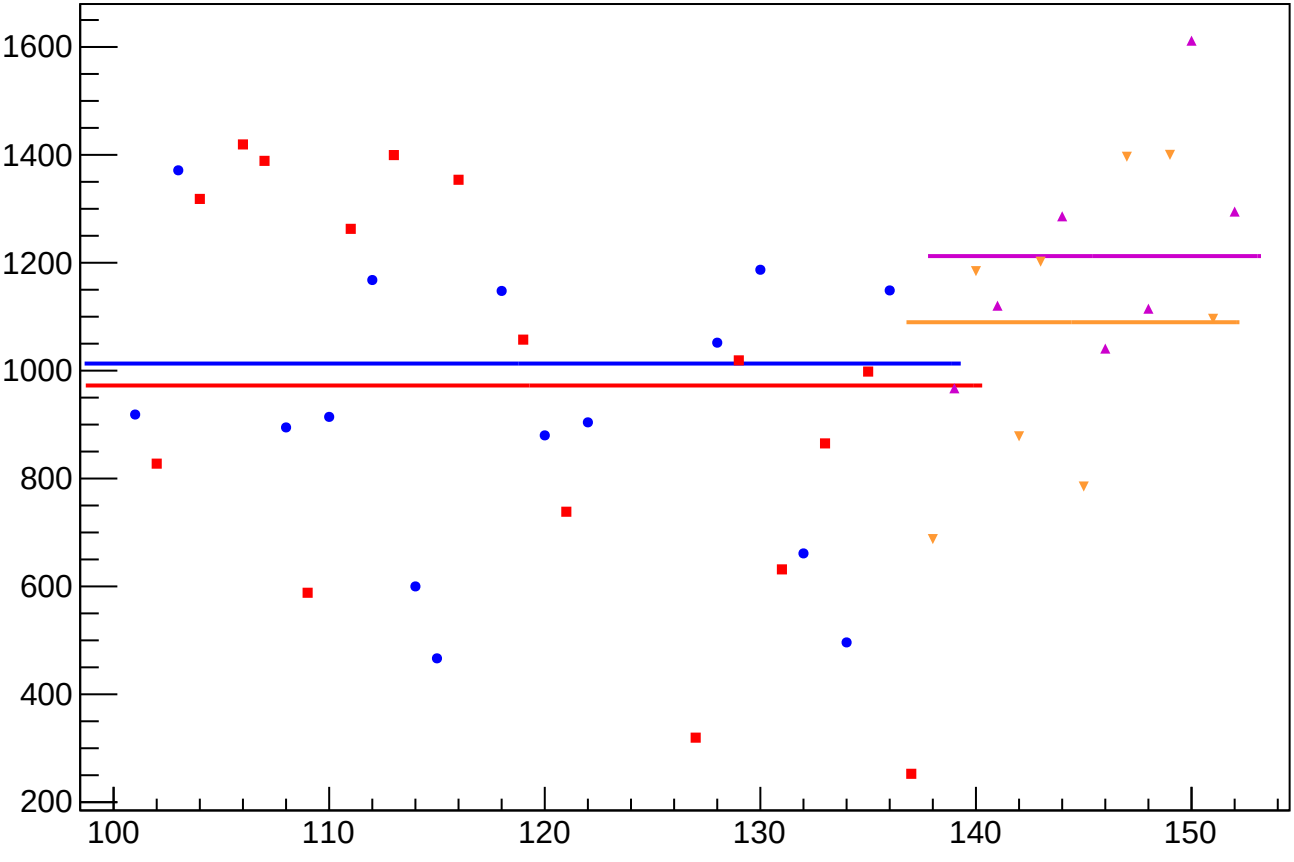
Left In: 654.290+/-0.000 χ^2/NDF:3313480280090729034270643780683248 4352.0/6

dit_atl1_coil6_err_mean vs Slug



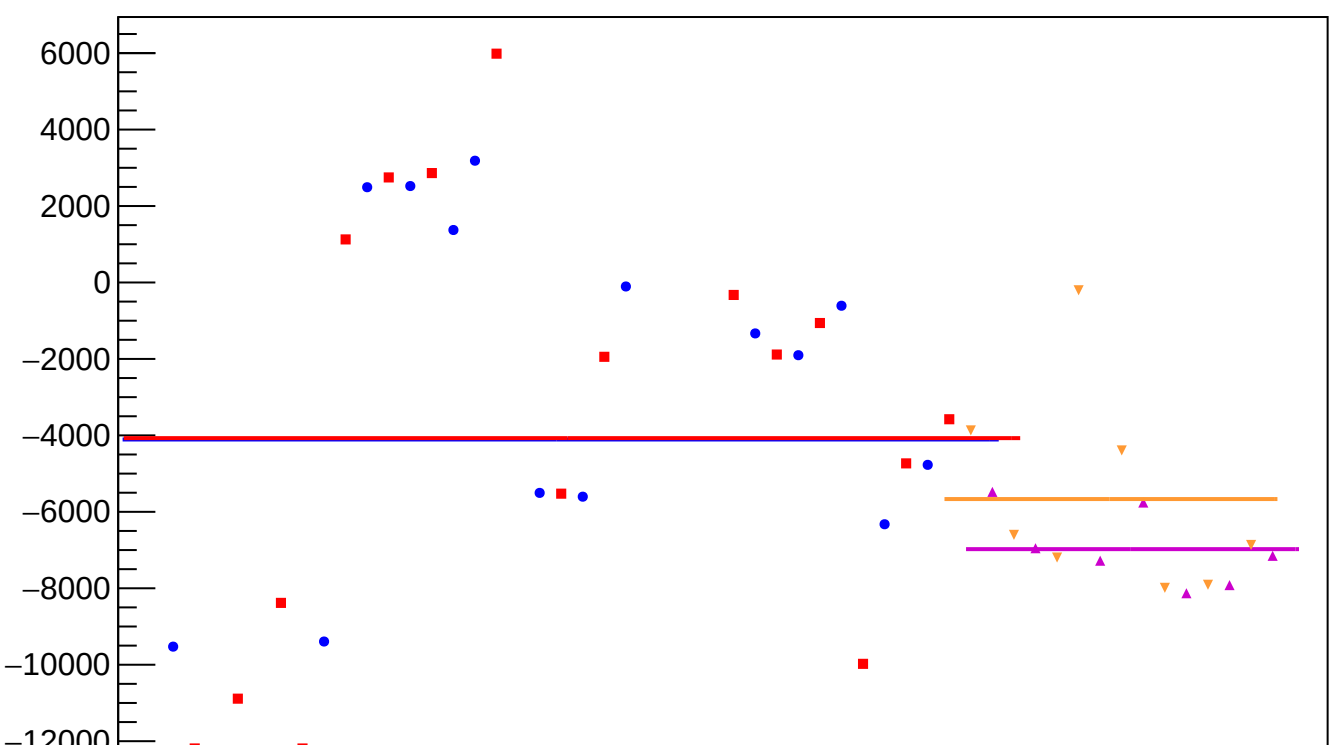
Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14
+ sign 387.504+/-0.000 χ^2/NDF: 86495848797361 1
Left Out: 135.959+/-0.000 χ^2/NDF:786419213876207937235570944387317760.0/7
All: 540.936+/-0.000 χ^2/NDF: 4433431784 83
Right Out: 1184.322+/-0.000 χ^2/NDF: 316742304312124266656353582049655993 1392.0/15
- sign 691.341+/-0.000 χ^2/NDF: 351057320945848
Left In: 143.310+/-0.000 χ^2/NDF:846605663709347297279984988351102976.0/6

dit_atl1_coil6_Ndata_mean vs Slug



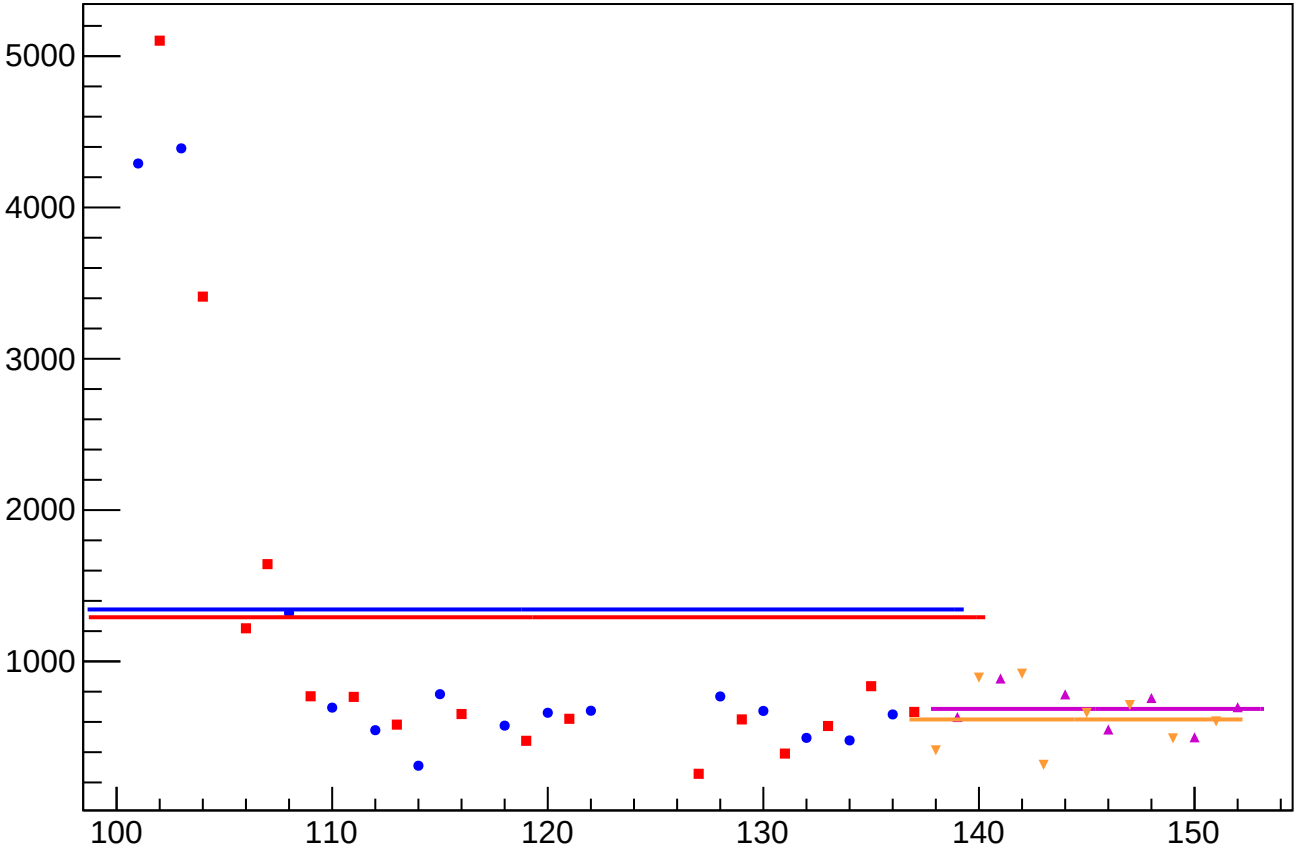
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14
+ sign -4851.497+/-0.000 χ^2/NDF: 1879475849780
Left Out: -5665.815+/-0.000 χ^2/NDF:3514798554230226720924001595196472033280.0/7
All: -5152.356+/-0.000 χ^2/NDF: 4255647620
Right Out: -4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15
- sign -5447.279+/-0.000 χ^2/NDF: 2353909353959 7
Left In: -6975.997+/-0.000 χ^2/NDF:5083953014199262670099782206199923998 72.0/6

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

+ sign 996.218+/-0.000 χ^2/NDF: 150317798486000

Left Out: 616.337+/-0.000 χ^2/NDF:2193223799073405398766523525449646080 0.0/7

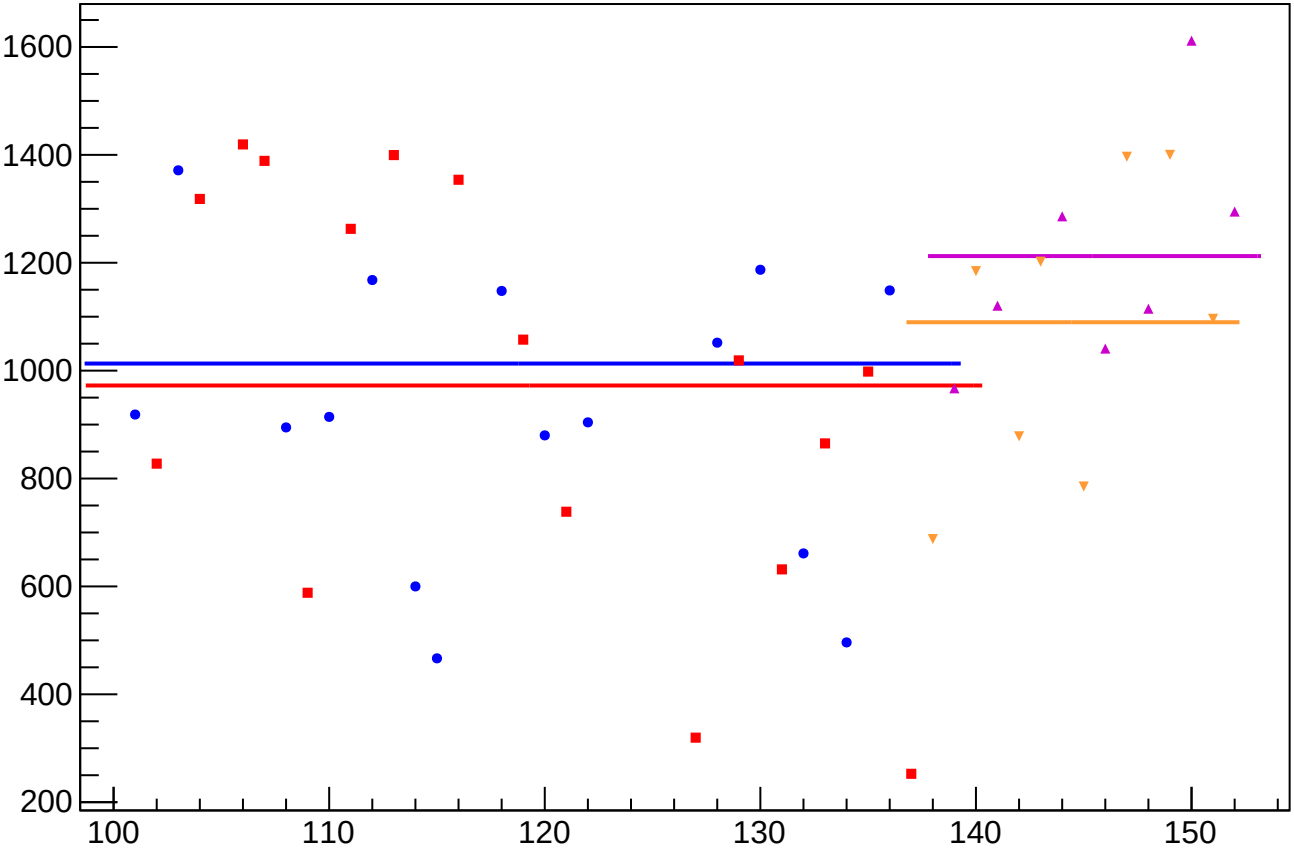
All: 1000.609+/-0.000 χ^2/NDF: 2952391466

Right Out: 1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

- sign 1004.913+/-0.000 χ^2/NDF: 14491660713576

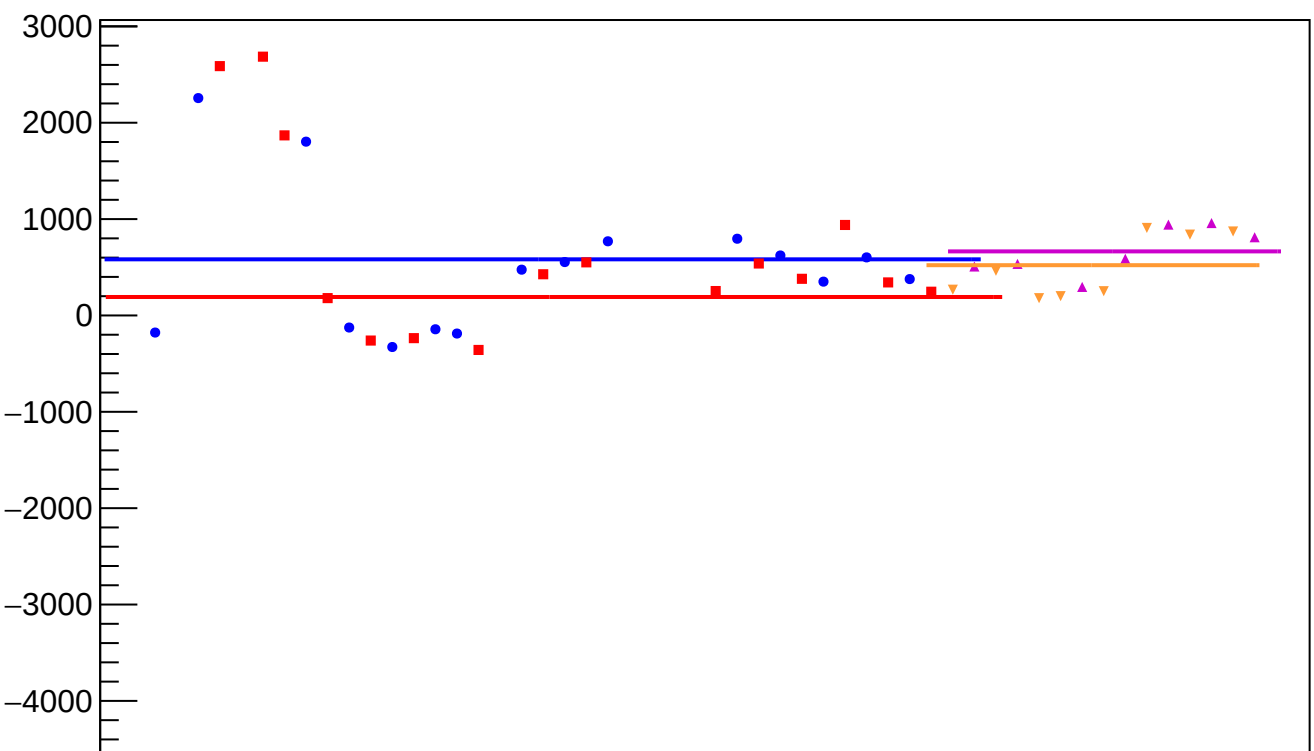
Left In: 685.993+/-0.000 χ^2/NDF:967581952503439493011817661507777331 2.0/6

dit_atl2_coil6_Ndata_mean vs Slug



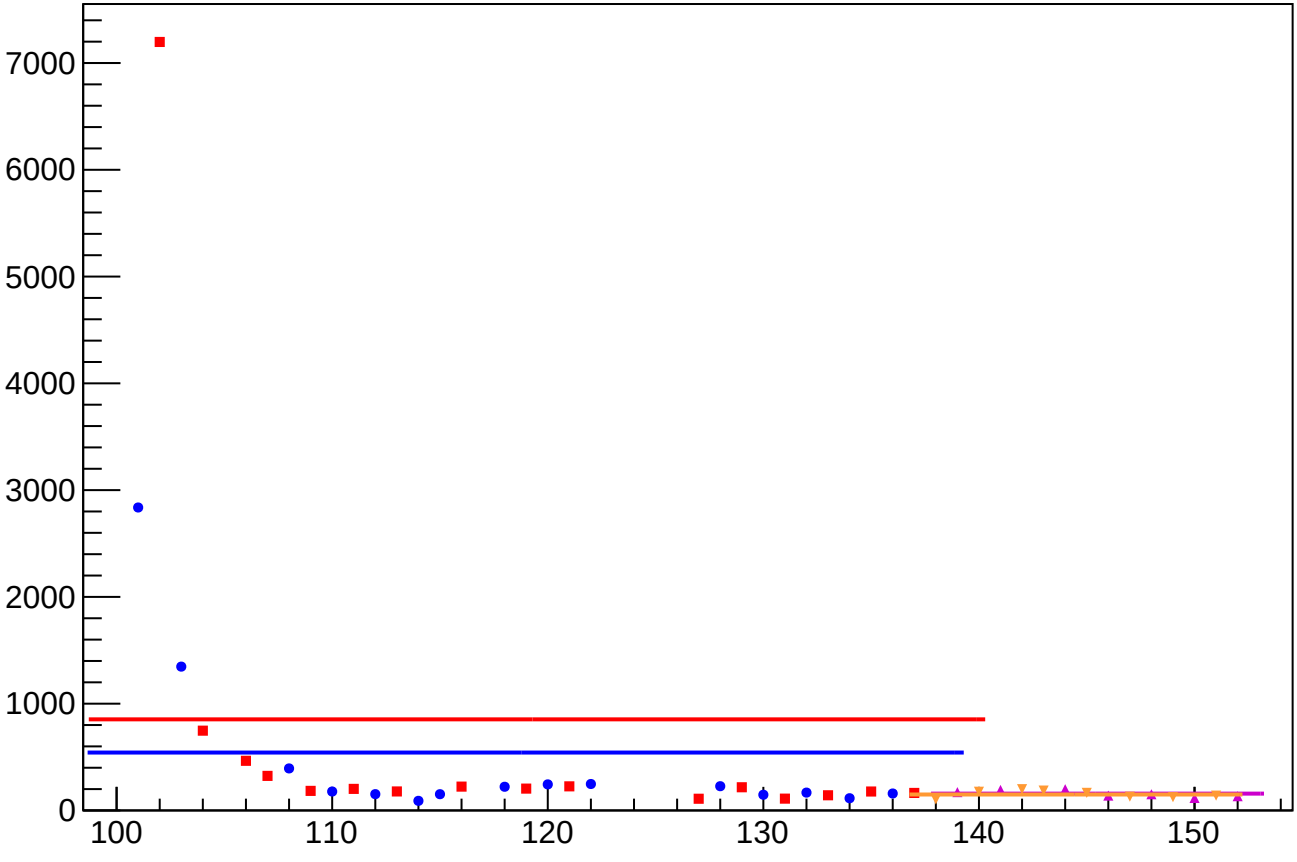
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_atr1_coil6_mean vs Slug



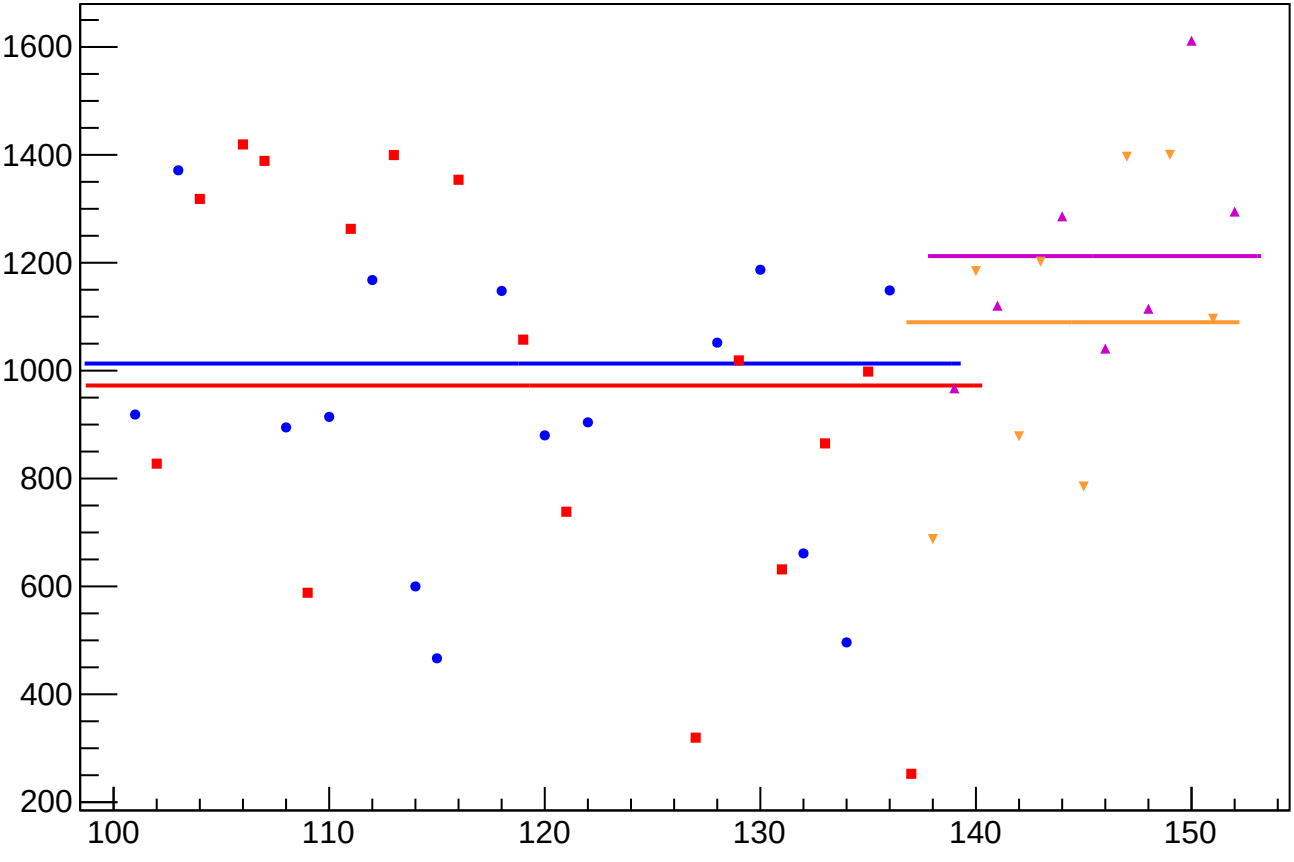
Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14
+ sign 553.376+/-0.000 χ^2/NDF: 39302270662711
Left Out: 521.622+/-0.000 χ^2/NDF:530818733877715167543629663607508172 80.0/7
All: 483.844+/-0.000 χ^2/NDF: 26766390348
Right Out: 191.587+/-0.000 χ^2/NDF: 216876212055234622341674300502071626 9568.0/15
- sign 415.684+/-0.000 χ^2/NDF: 227172553160830
Left In: 664.805+/-0.000 χ^2/NDF:322302640888060862099559321290869309 44.0/6

dit_atr1_coil6_err_mean vs Slug



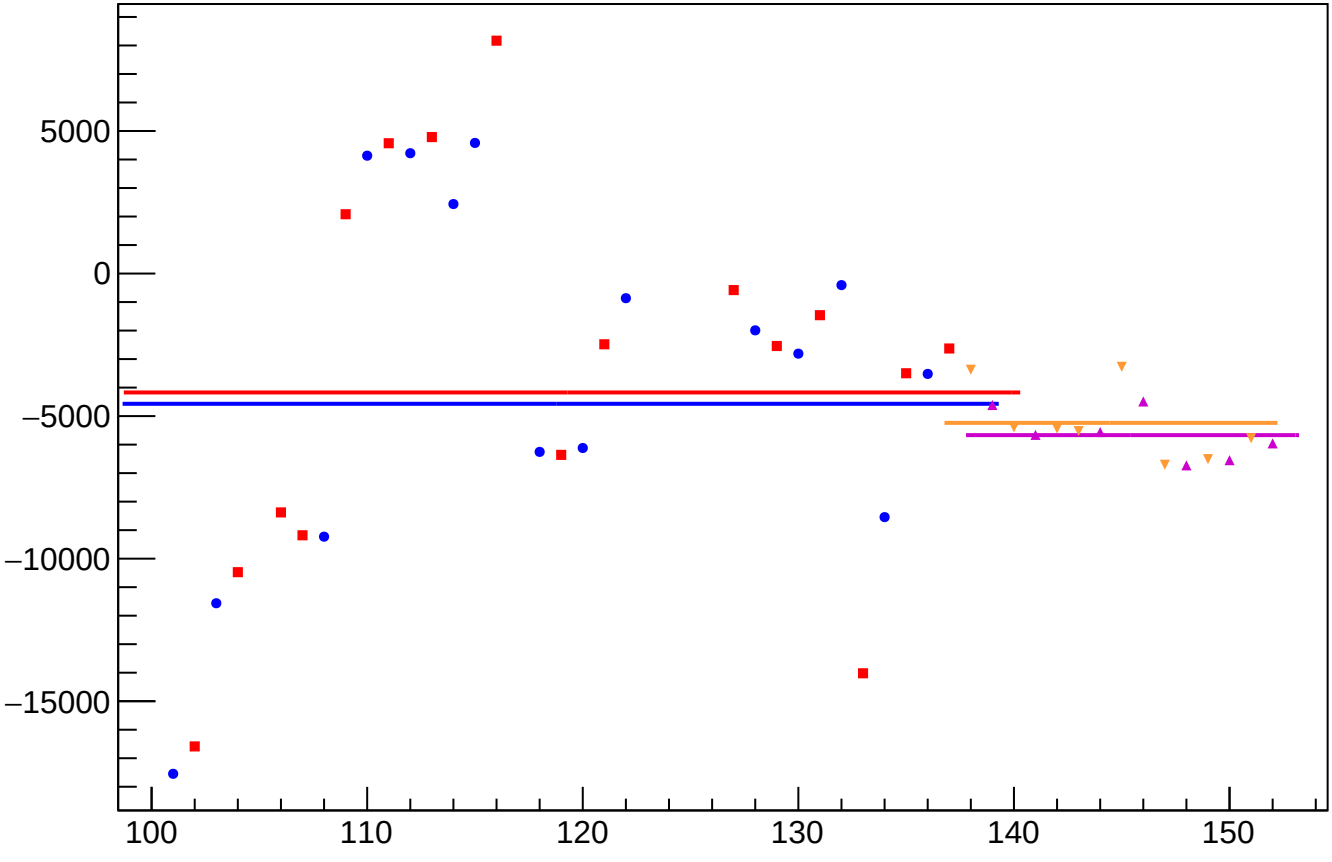
Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14
+ sign 354.738+/-0.000 χ^2/NDF: 462751087733394
Left Out: 149.434+/-0.000 χ^2/NDF:539318120983453721509391467085299712.0/7
All: 440.117+/-0.000 χ^2/NDF: 320808050618
Right Out: 853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15
- sign 523.811+/-0.000 χ^2/NDF: 272740092124573
Left In: 157.636+/-0.000 χ^2/NDF:505288070943231278737918669757612032.0/6

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14

Left Out: -5237.052+/-0.000 χ^2/NDF:9200784642961595383609383632329139814 40.0/7

Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302 4128.0/15

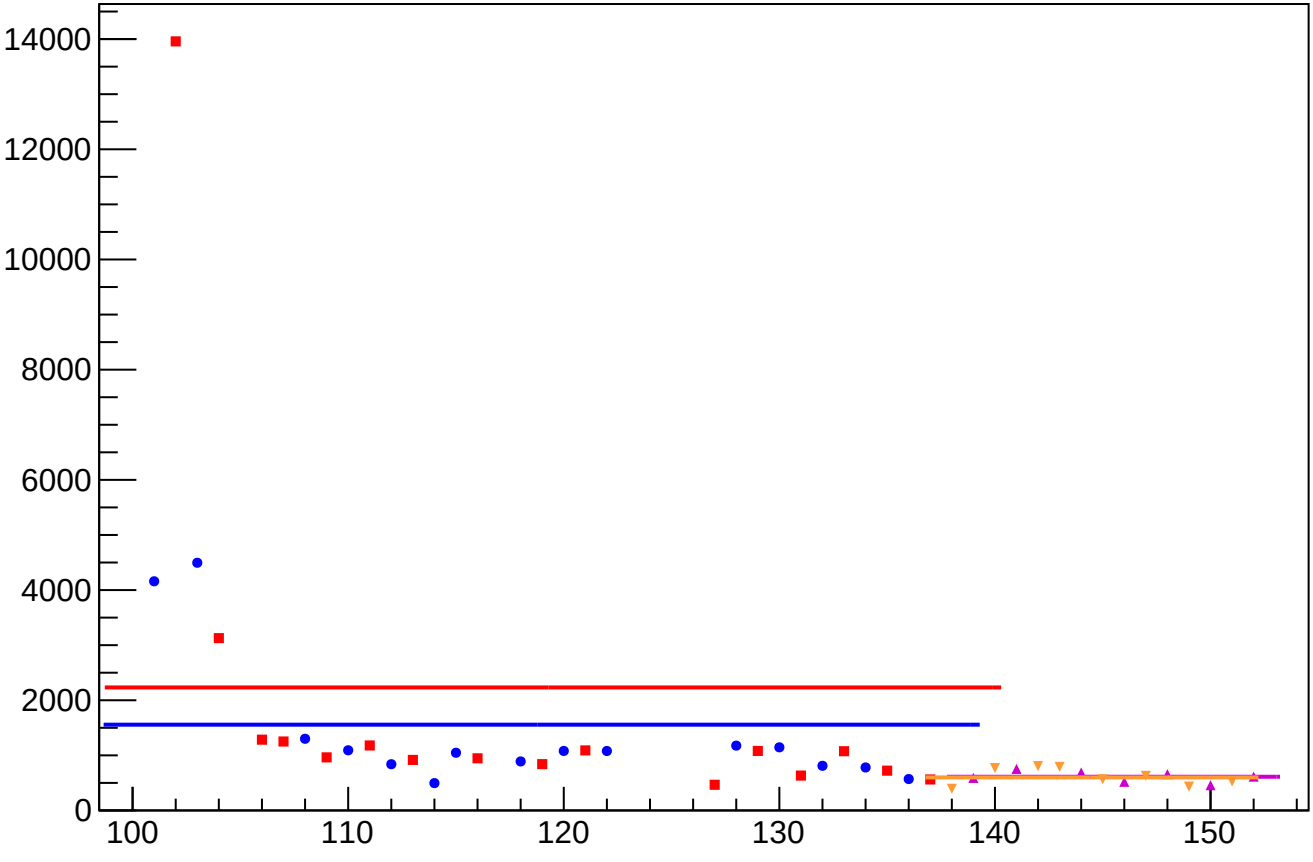
Left In: -5667.266+/-0.000 χ^2/NDF:3794360487659507536772051583288517591 04.0/6

+ sign -4887.598+/-0.000 χ^2/NDF: 2525371450727

All: -4883.484+/-0.000 χ^2/NDF: 5730781692

- sign -4879.451+/-0.000 χ^2/NDF: 3205406079106 1

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

+ sign 1099.722+/-0.000 χ^2/NDF: 14362458433288

Left Out: 599.519+/-0.000 χ^2/NDF:1294407256396255381794417020975972352 0.0/7

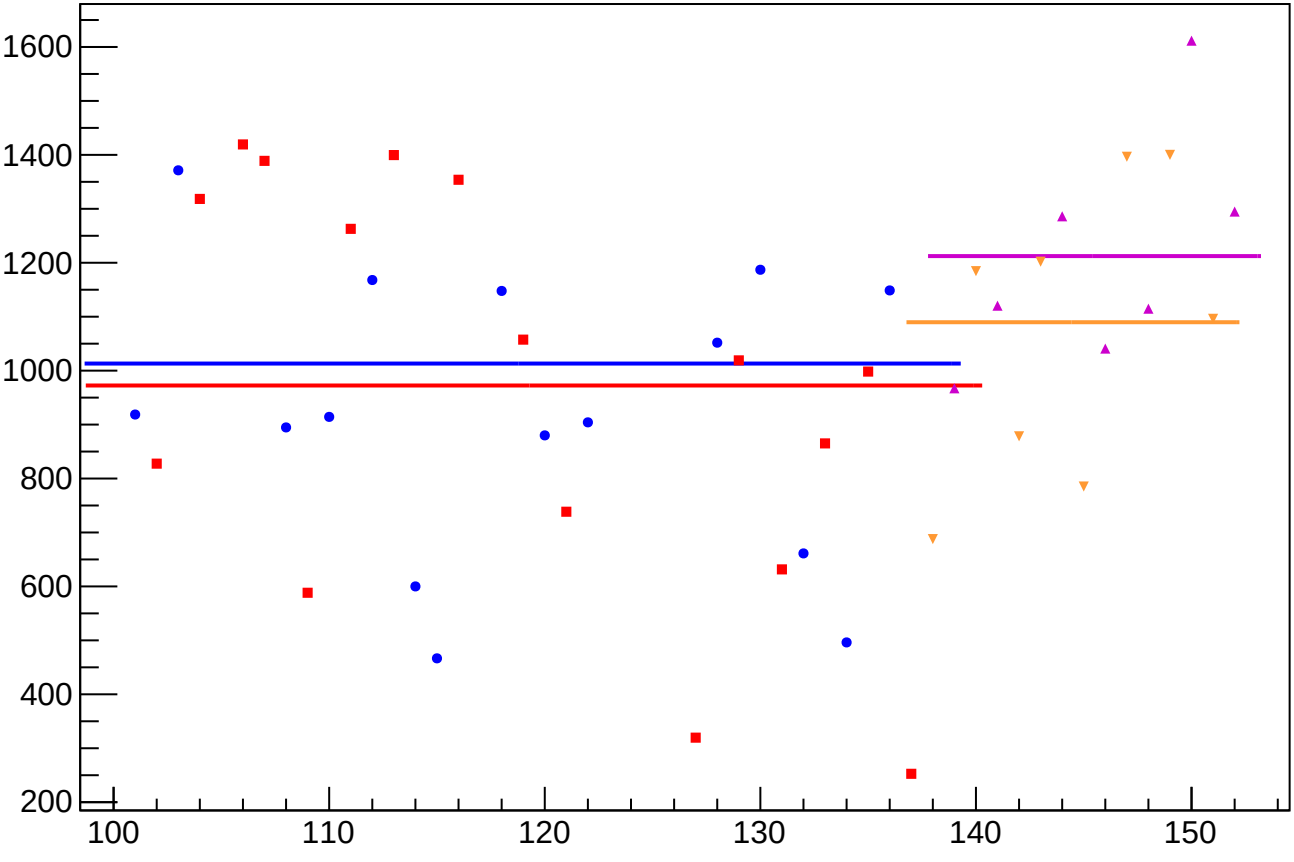
All: 1284.139+/-0.000 χ^2/NDF: 1134549227 6

Right Out: 2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233 2928.0/15

- sign 1464.918+/-0.000 χ^2/NDF: 98255994922646

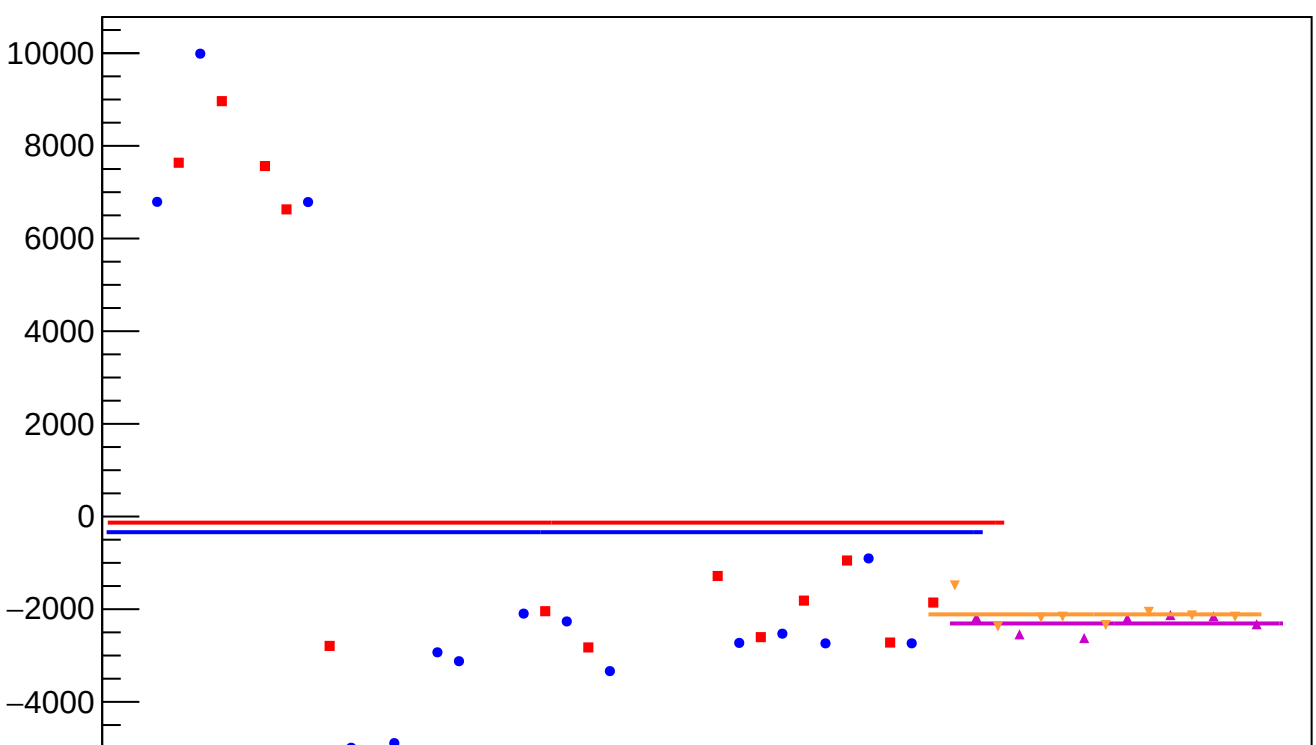
Left In: 611.600+/-0.000 χ^2/NDF:5307976882497448093968984100103520256.0/6

dit_atr2_coil6_Ndata_mean vs Slug



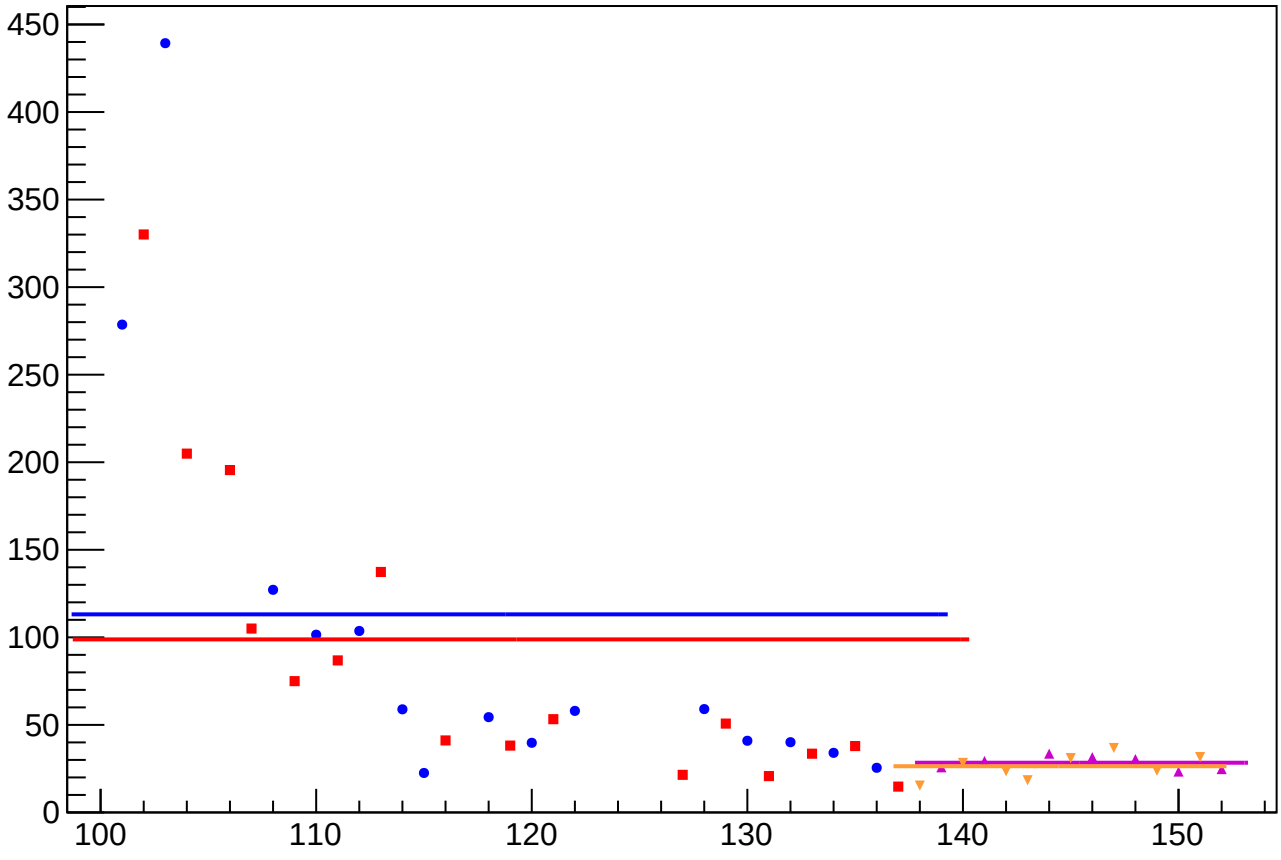
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14
+ sign -1184.701+/-0.000 χ^2/NDF: 1616862382278
Left Out: -2111.509+/-0.000 χ^2/NDF:4131902859081807713836336916113811046 4.0/7
All: -1173.317+/-0.000 χ^2/NDF: 3415913784
Right Out: -131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206 8224.0/15
- sign -1162.158+/-0.000 χ^2/NDF: 1799019529356 0
Left Out: -2307.856+/-0.000 χ^2/NDF:2094082713316335800060139837988012032 0.0/6

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

+ sign 71.719+/-0.000 χ^2/NDF: 1234845195268154

Left Out: 26.394+/-0.000 χ^2/NDF:27424393501085363399602084281057280.0/7

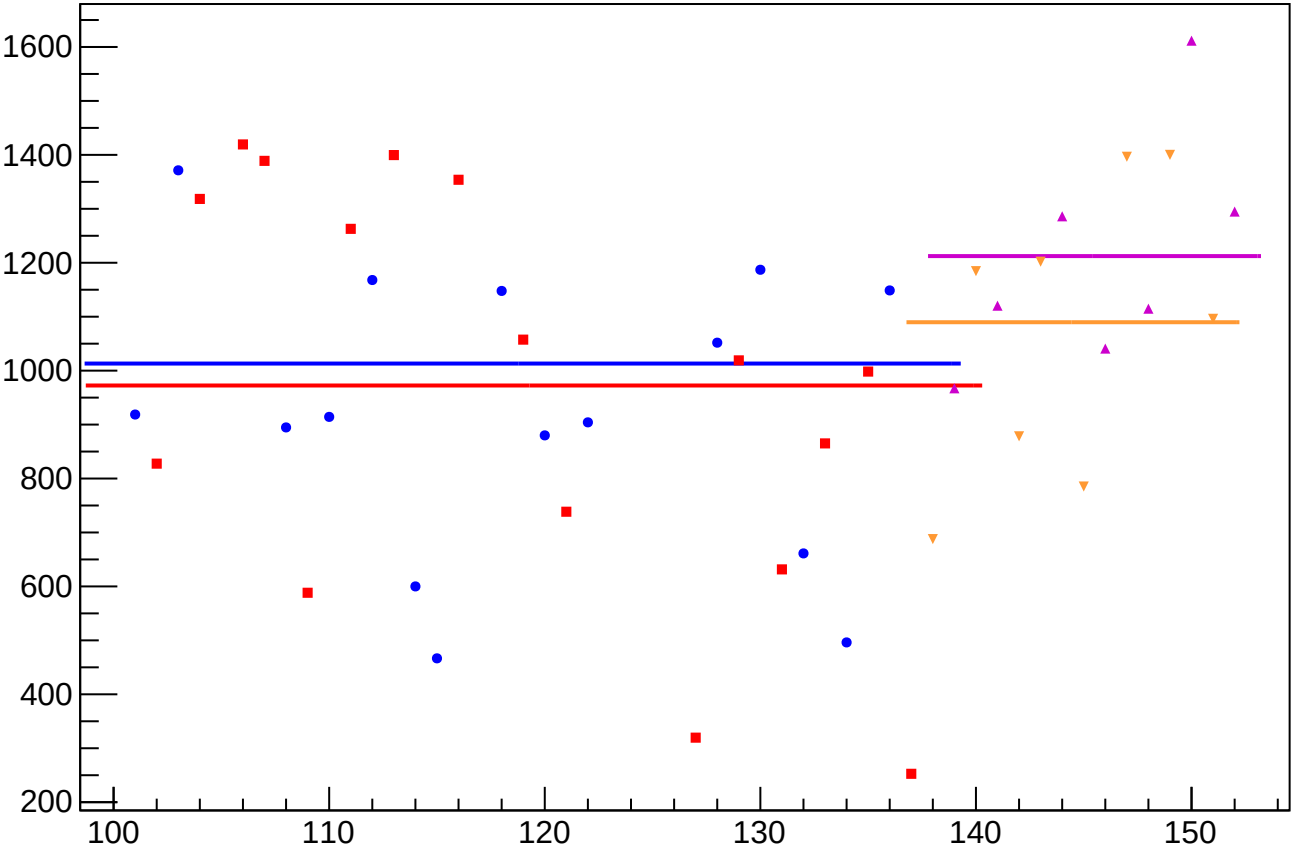
All: 68.568+/-0.000 χ^2/NDF: 1945784393004

Right Out: 98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

- sign 65.479+/-0.000 χ^2/NDF: 7084971648693172

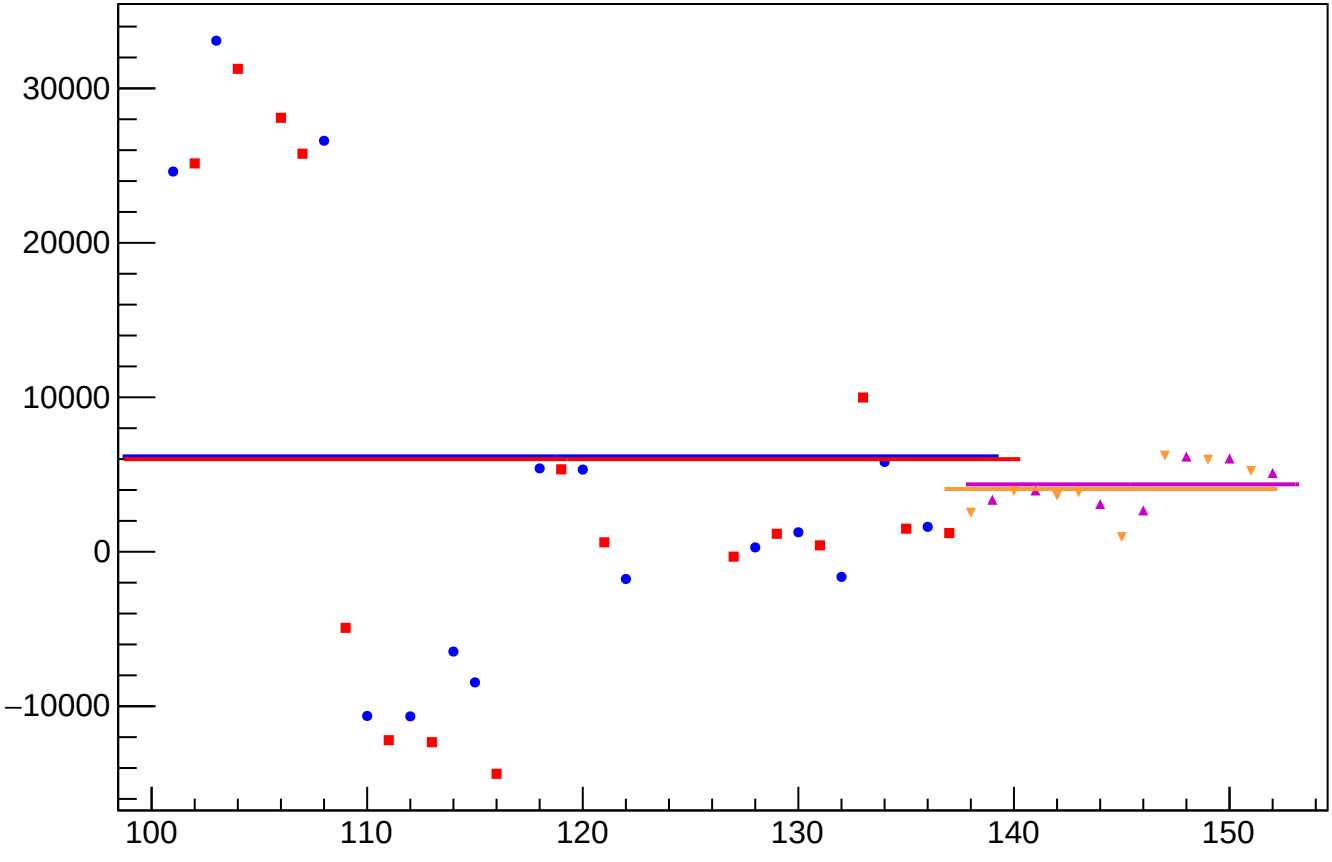
Left In: 28.401+/-0.000 χ^2/NDF:7706123337046661027031716187865088.0/6

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14

+ sign 5166.897+/-0.000 χ^2/NDF: 12039532571041

Left Out: 4063.053+/-0.000 χ^2/NDF:175168980092668028140093452903289716736 0.0/7

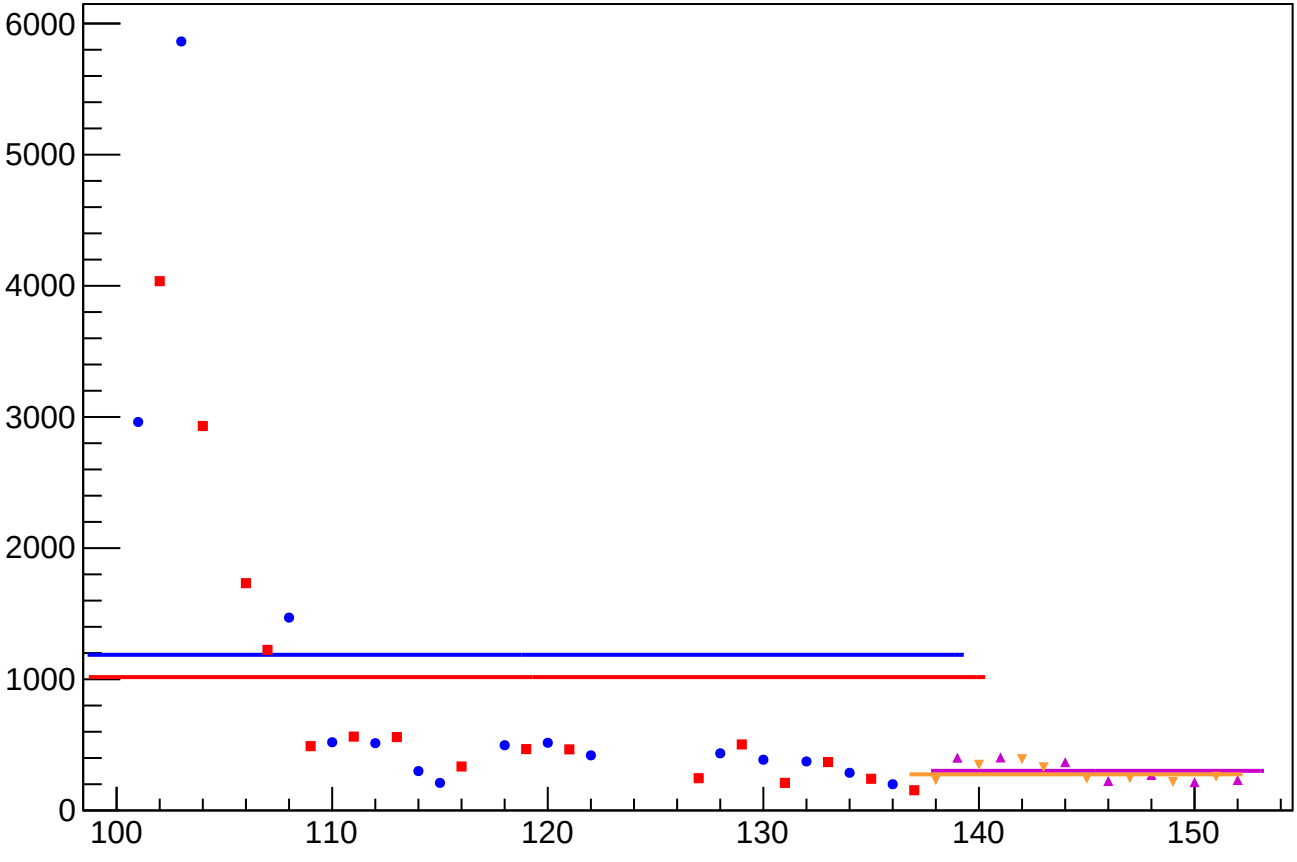
All: 5195.766+/-0.000 χ^2/NDF: 2593449619 6

Right Out: 5996.727+/-0.000 χ^2/NDF: 137057710785025136543407710107916356812800.0/15

- sign 5224.066+/-0.000 χ^2/NDF: 13894758640694

Left In: 4365.124+/-0.000 χ^2/NDF:1049004993224311642435668092051733348352.0/6

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

Left Out: 275.350+/-0.000 χ^2/NDF:185716641153956577067974270803509248 0.0/7

Right Out: 1016.732+/-0.000 χ^2/NDF: 927646003466094249558391691024825057280.0/15

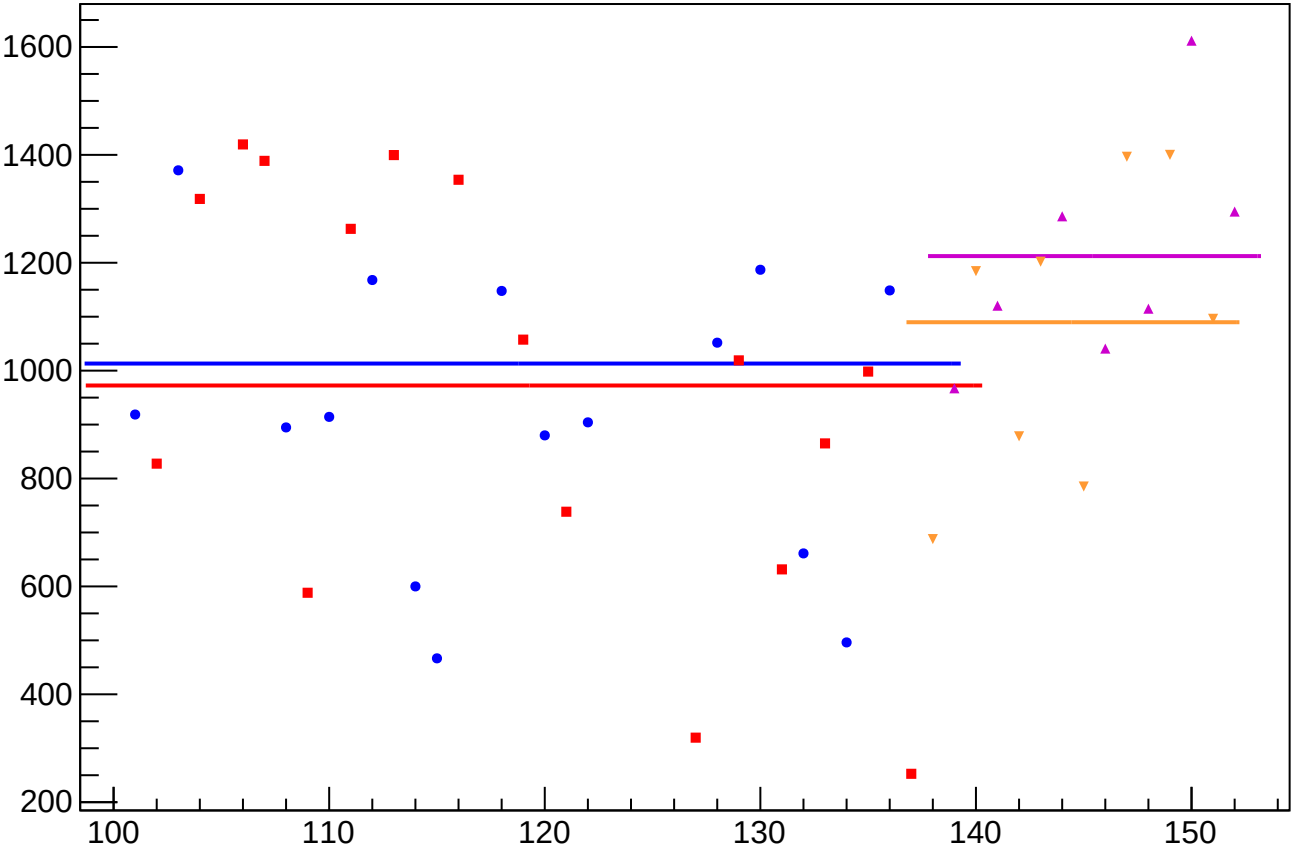
Left In: 301.927+/-0.000 χ^2/NDF:376594148898364257186325998790193971 2.0/6

+ sign 751.647+/-0.000 χ^2/NDF: 205576696677528

All: 714.572+/-0.000 χ^2/NDF: 31519491408 2

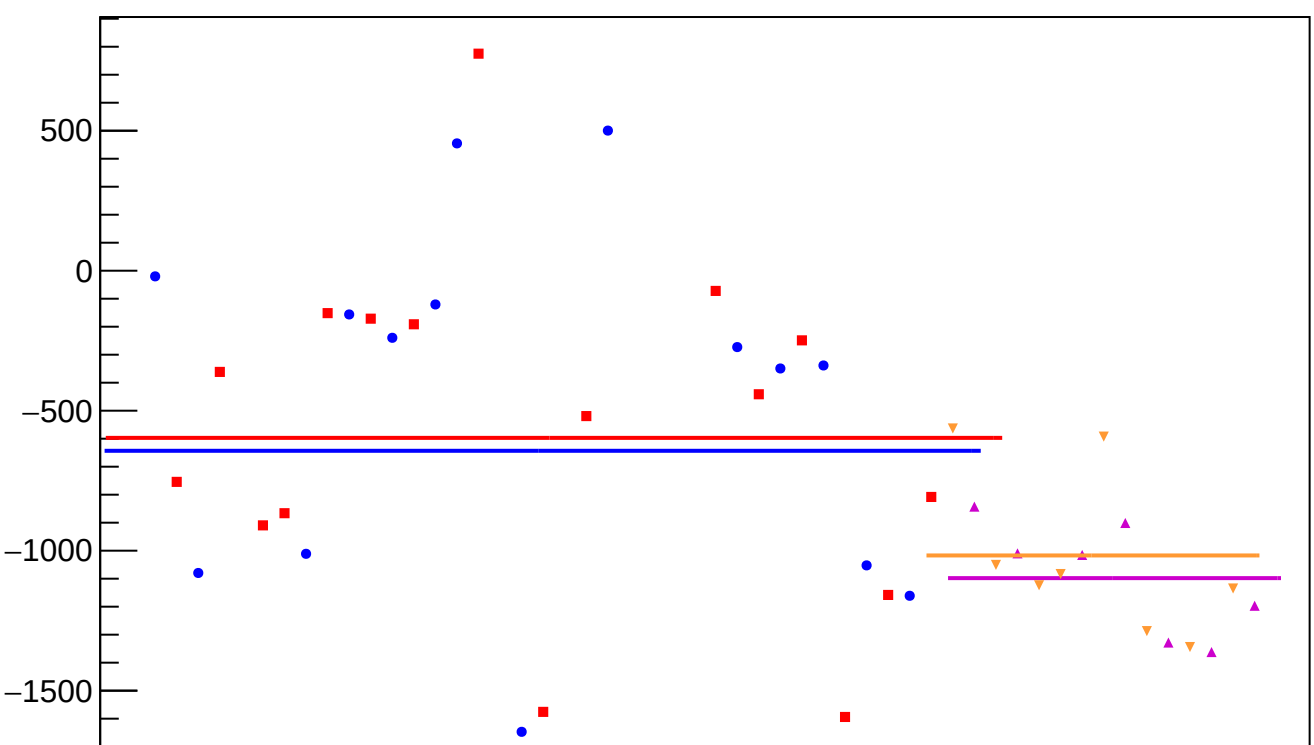
- sign 678.229+/-0.000 χ^2/NDF: 109280150549536

dit_sam2_coil6_Ndata_mean vs Slug



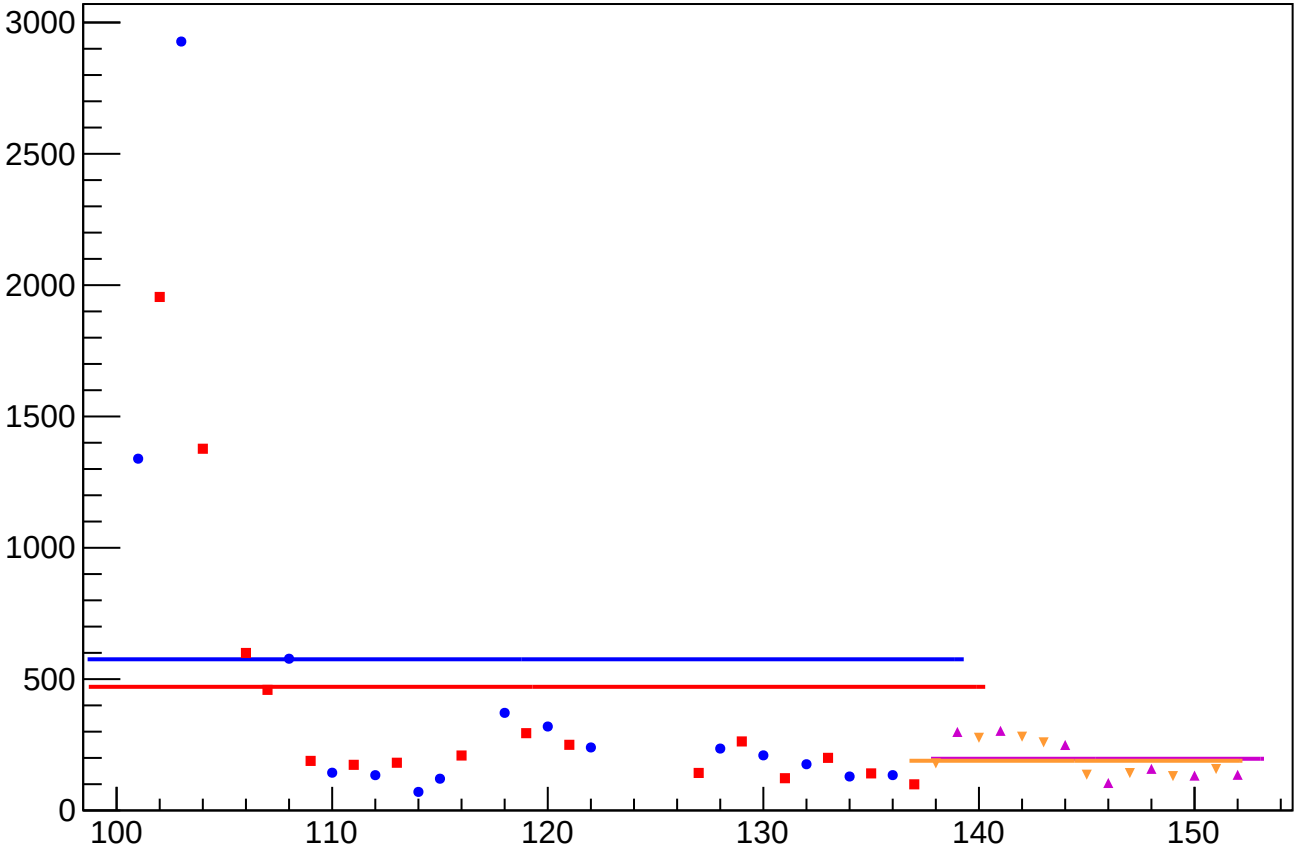
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
+ sign -821.693+/-0.000 χ^2/NDF: 36333512533996
Left Out: -1017.023+/-0.000 χ^2/NDF:4730999506104413694625247335378268979 2.0/7
All: -828.052+/-0.000 χ^2/NDF: 6748629408 0
Right Out: -597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
- sign -834.286+/-0.000 χ^2/NDF: 311428347699713
Left In: -1098.022+/-0.000 χ^2/NDF:2141936062085173805109463854691332 9152.0/6

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Left Out: 189.204+/-0.000 χ^2/NDF:211344068346637739180376059401365094 4.0/7

Right Out: 470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

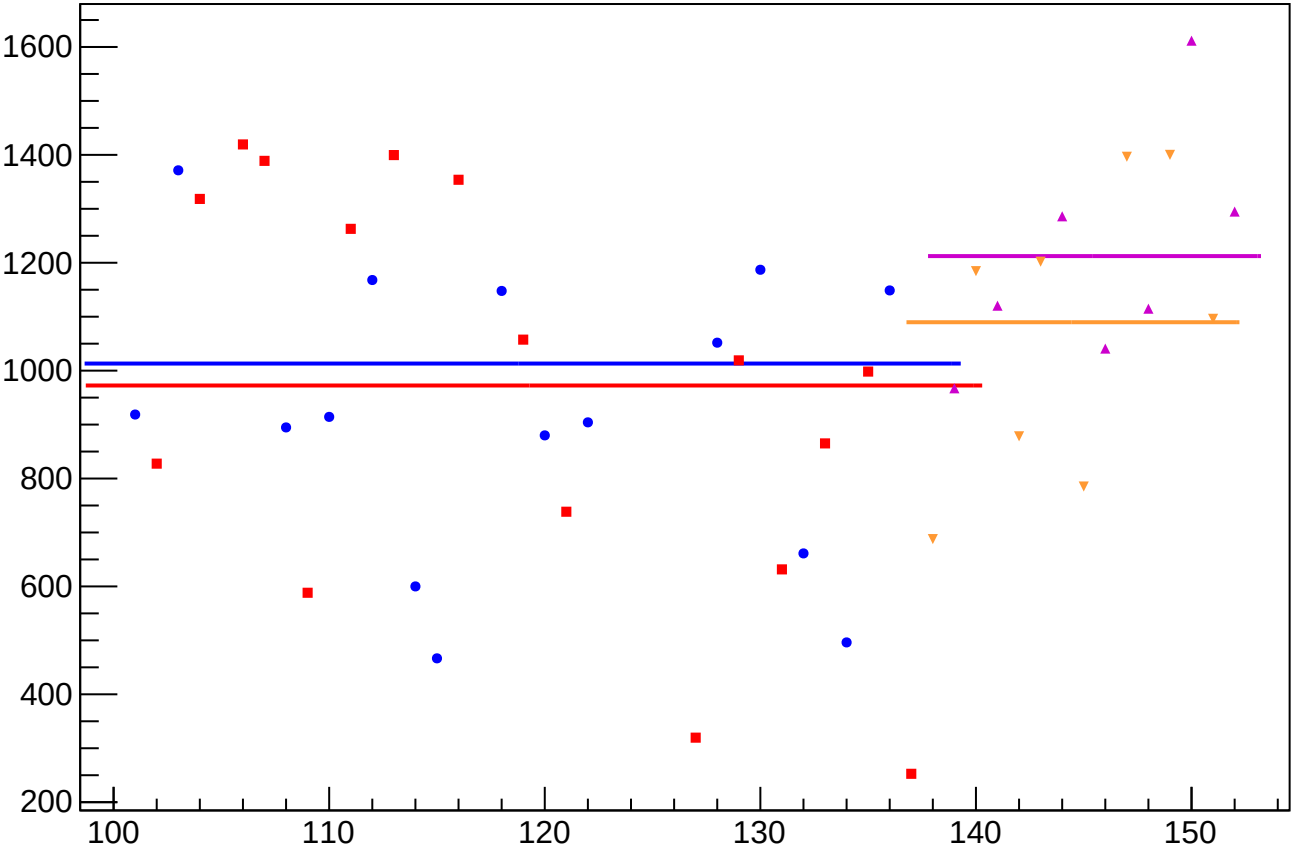
Left In: 196.788+/-0.000 χ^2/NDF:357948642704955063325398727414670950 4.0/6

+ sign 391.075+/-0.000 χ^2/NDF: 481039630121830

All: 365.785+/-0.000 χ^2/NDF: 719204053789

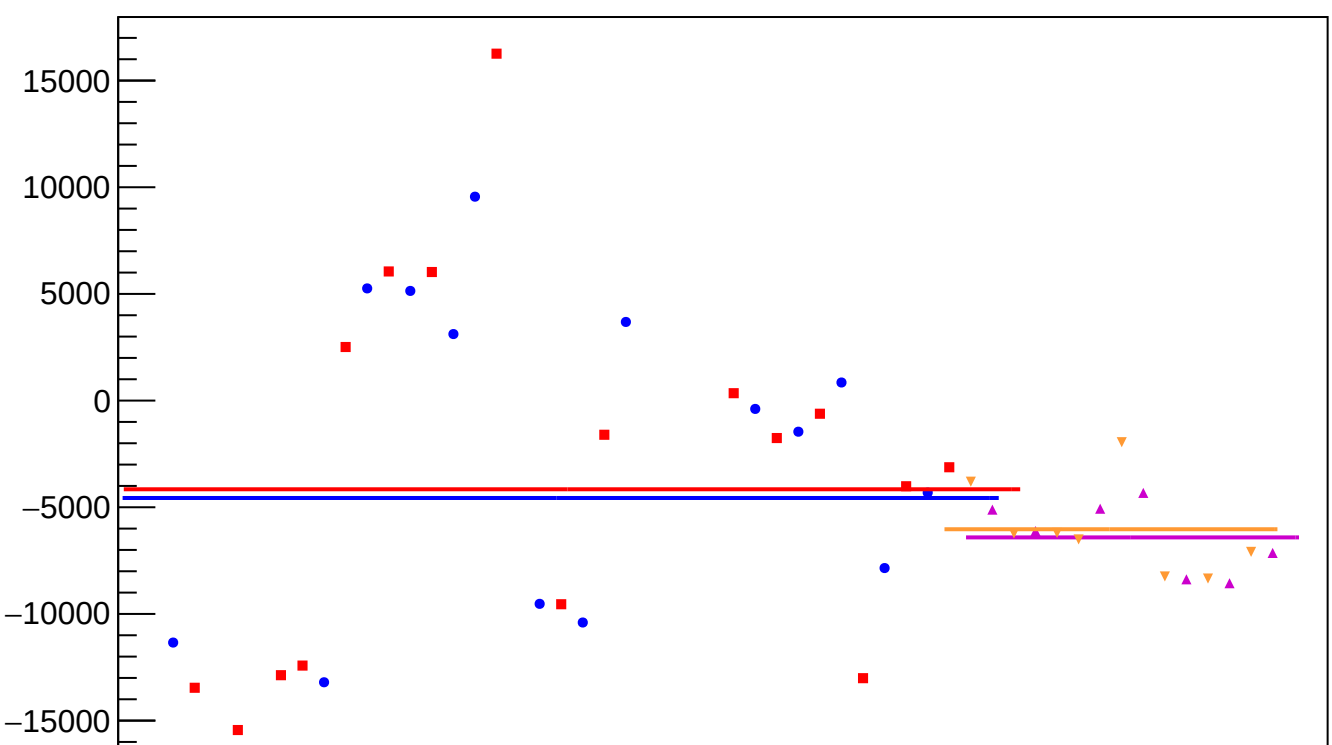
- sign 340.995+/-0.000 χ^2/NDF: 236591442152375

dit_sam3_coil6_Ndata_mean vs Slug



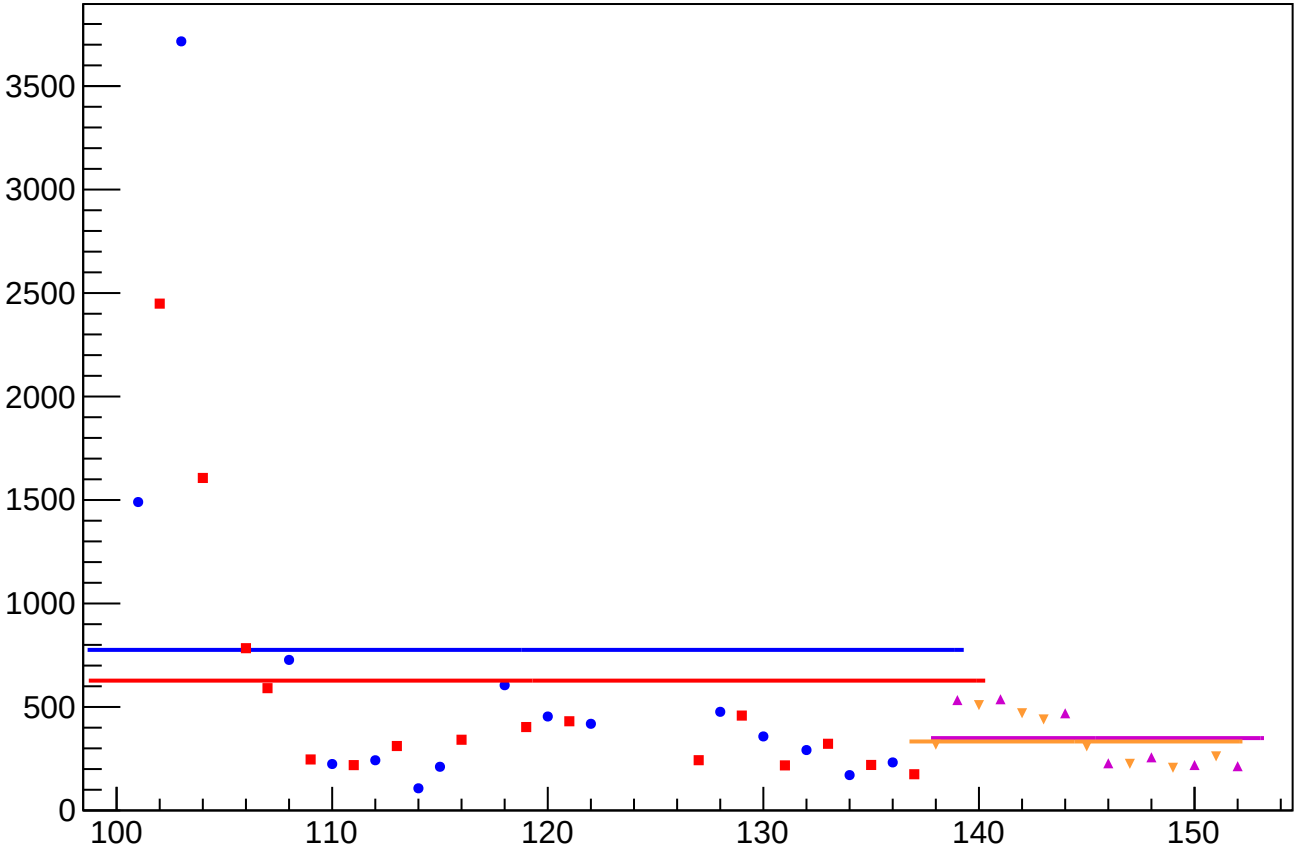
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
+ sign -5264.777+/-0.000 χ^2/NDF: 3900483139258
Left Out: -6030.187+/-0.000 χ^2/NDF:267221978971812386113665499397603773644 8.0/7
All: -5244.807+/-0.000 χ^2/NDF: 8761011569
Right Out: -4156.859+/-0.000 χ^2/NDF: 455394554416599271577084430999306821959 68.0/15
- sign -5225.230+/-0.000 χ^2/NDF: 4860430340388 7
Left In: -6412.903+/-0.000 χ^2/NDF:145718266237245011778060744943785213952 0.0/6

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Left Out: 333.278+/-0.000 χ^2/NDF:6873693803853560533375819323849834496.0/7

Right Out: 627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

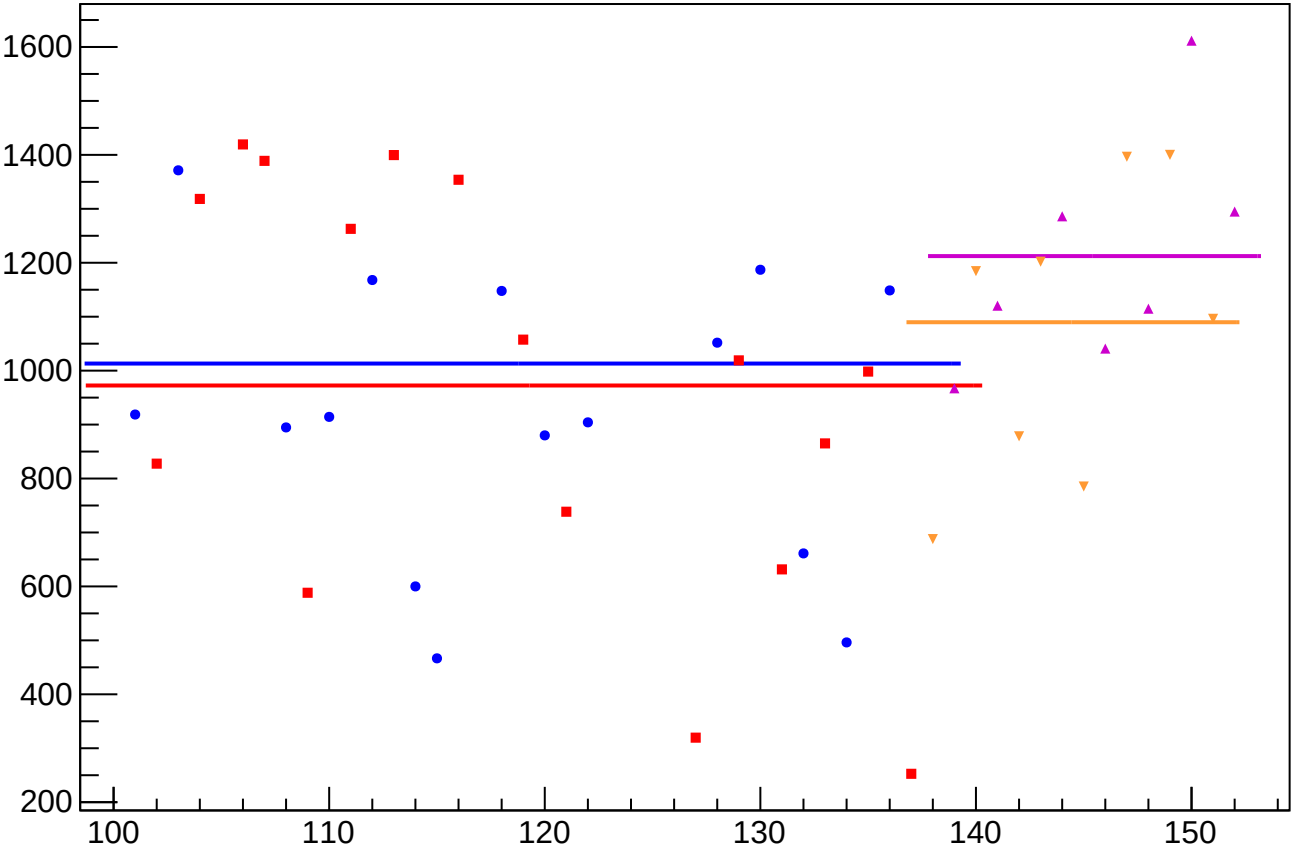
Left In: 349.590+/-0.000 χ^2/NDF:1210638781298386197752659154591914393 6.0/6

+ sign 564.528+/-0.000 χ^2/NDF: 709417423884581

All: 529.819+/-0.000 χ^2/NDF: 10463673995 3

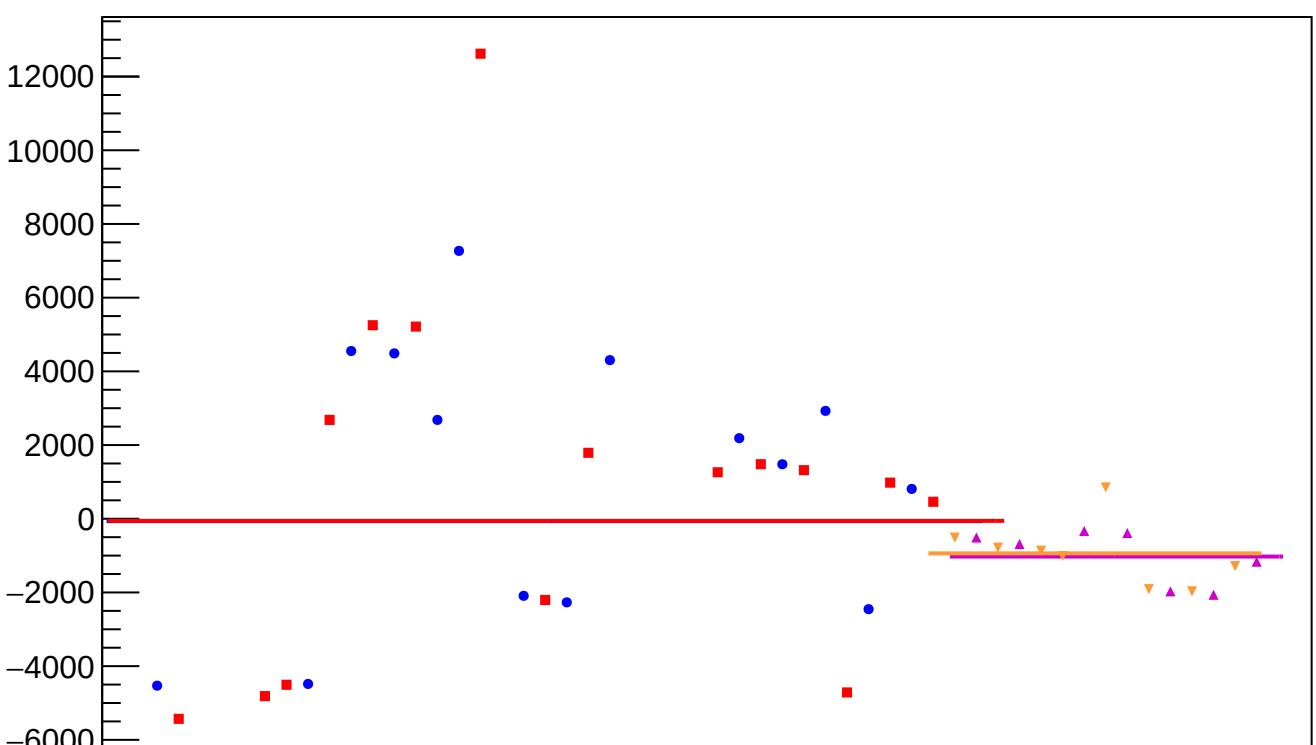
- sign 495.795+/-0.000 χ^2/NDF: 333987022756068

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14

Left Out: -938.664+/-0.000 χ^2/NDF:44873301153123365697893899097259743641 6.0/7

Right Out: -57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15

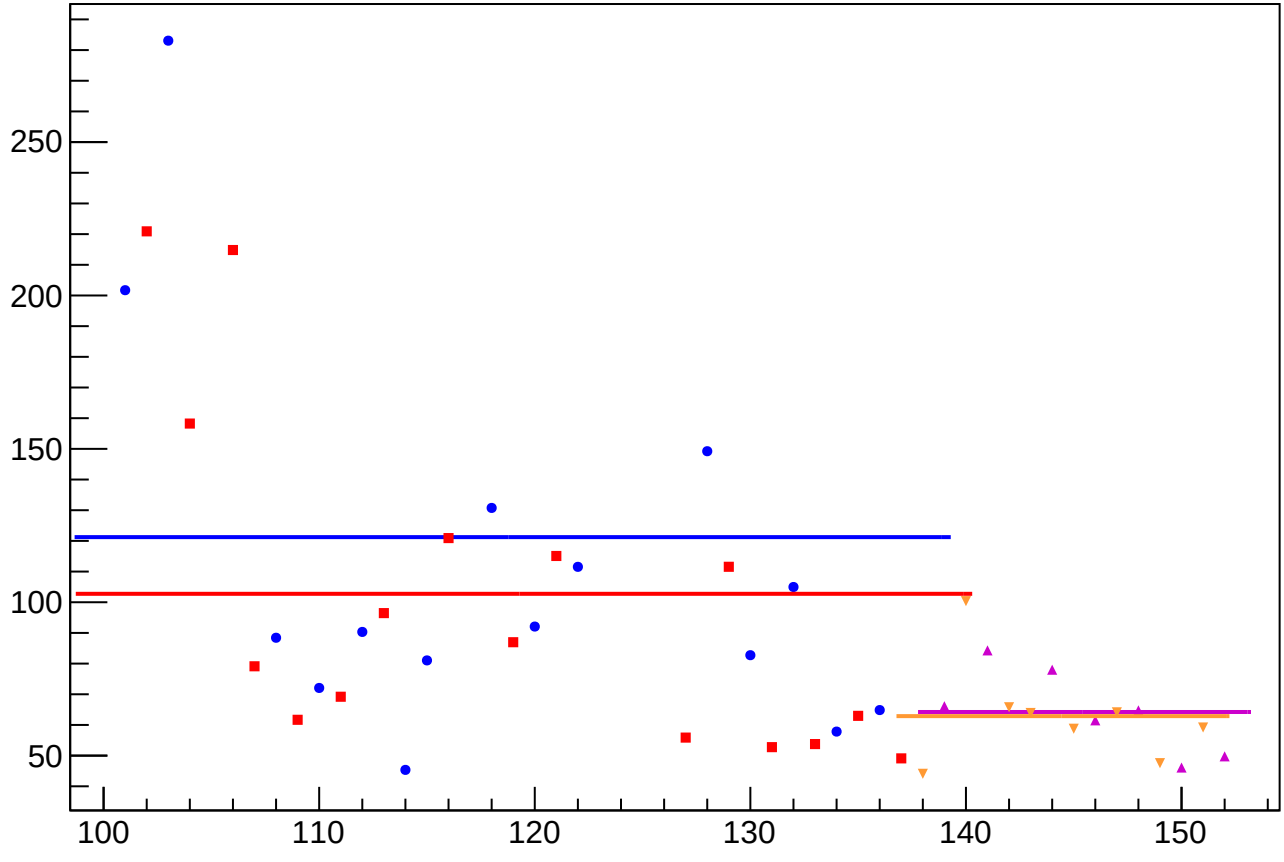
Left In: -1025.904+/-0.000 χ^2/NDF:28254015851689969019438251128887495884 8.0/6

+ sign -482.005+/-0.000 χ^2/NDF: 10299610512499

All: -499.149+/-0.000 χ^2/NDF: 2466021823 2

- sign -515.954+/-0.000 χ^2/NDF: 14359884866793 5

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF: 2723170857684362574800637594861305856.0/14

+ sign 93.367+/-0.000 χ^2/NDF: 3943829327120068

Left Out: 62.874+/-0.000 χ^2/NDF:1655247140883002375799652469230796 80.0/7

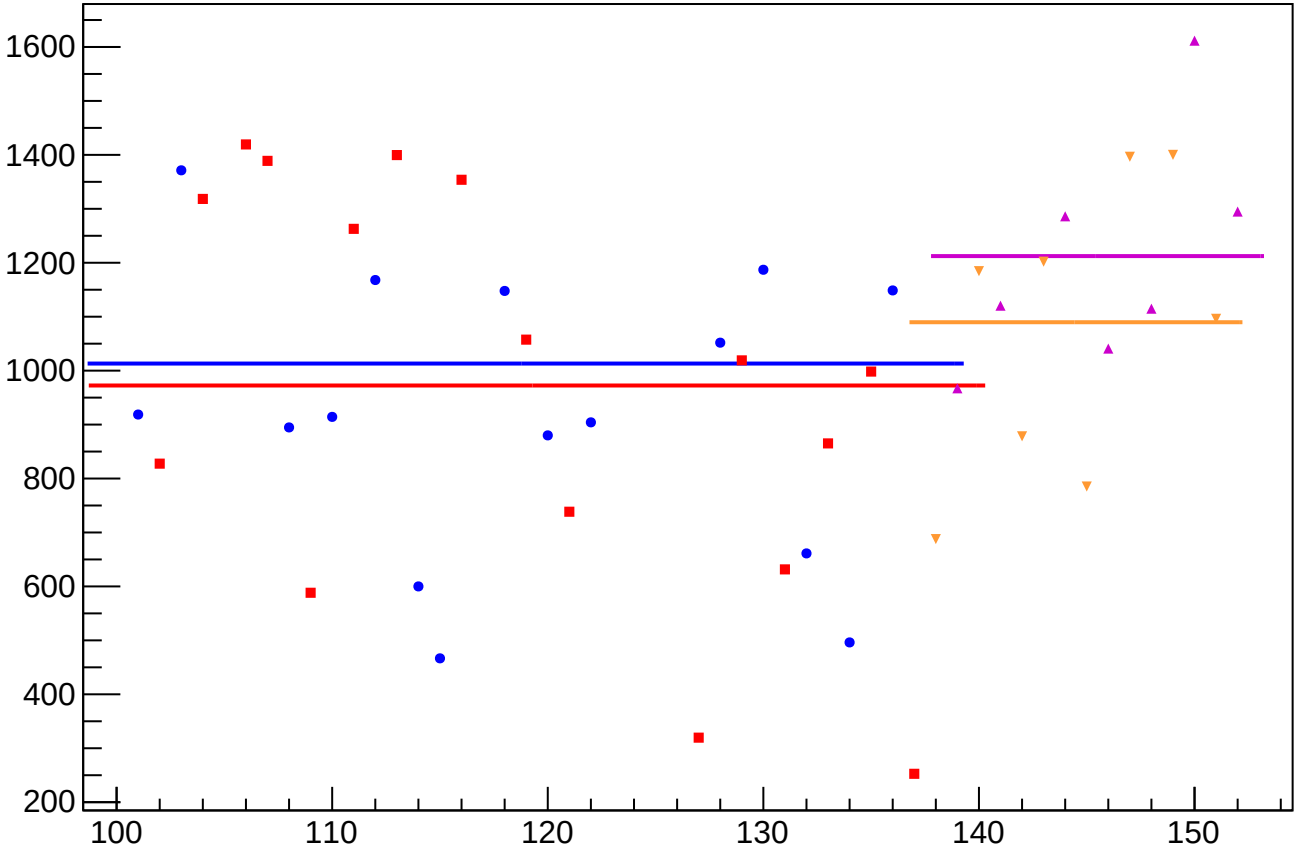
All: 88.892+/-0.000 χ^2/NDF: 6529724650717

Right Out: 102.749+/-0.000 χ^2/NDF: 1967668024846010333654427670555918336.0/15

- sign 84.505+/-0.000 χ^2/NDF: 2536640040464847

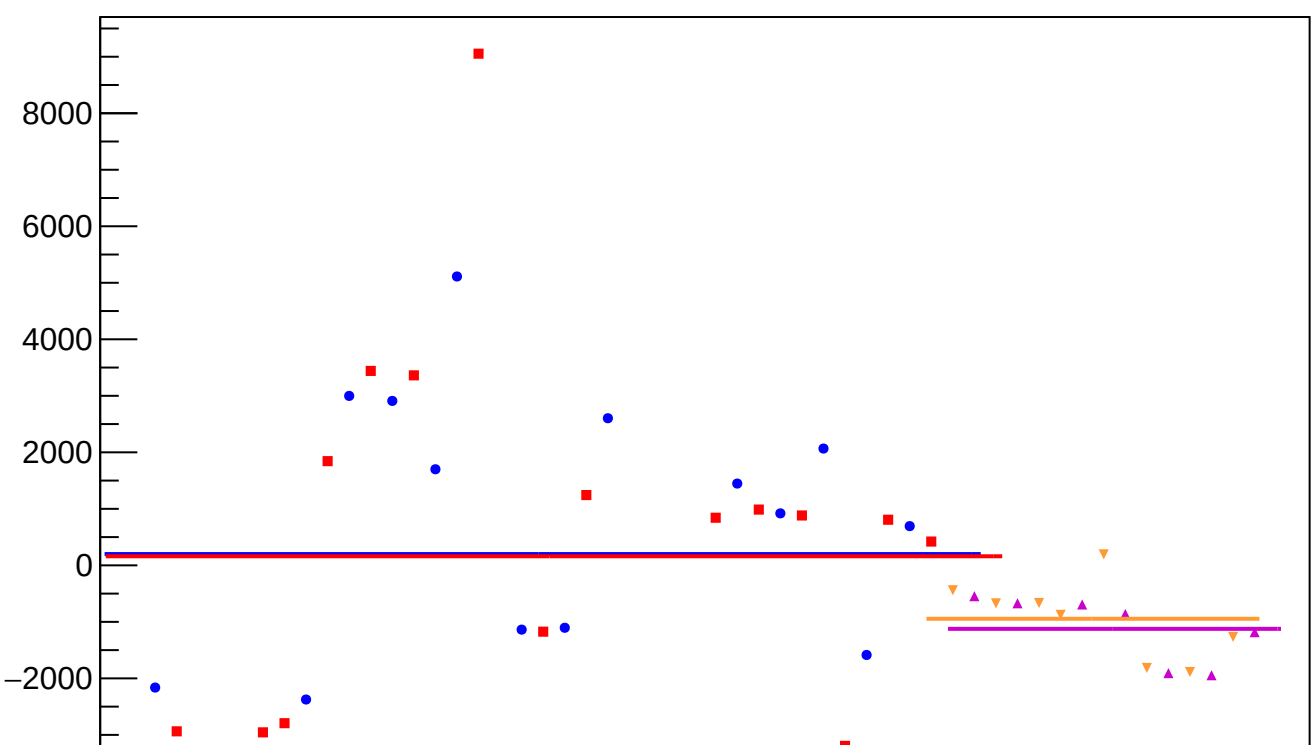
Left In: 64.223+/-0.000 χ^2/NDF:1001574578977461318826148604831334 40.0/6

dit_sam5_coil6_Ndata_mean vs Slug



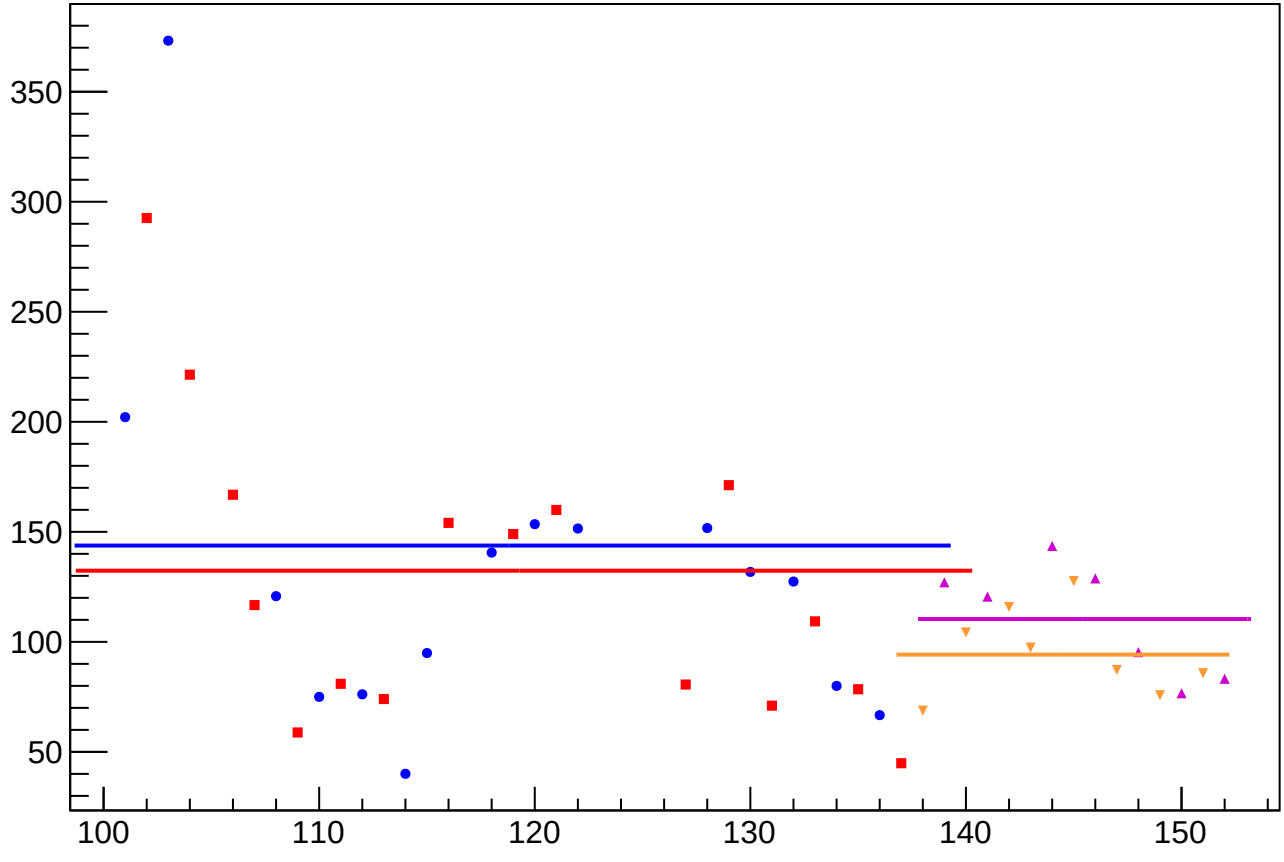
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_sam6_coil6_mean vs Slug



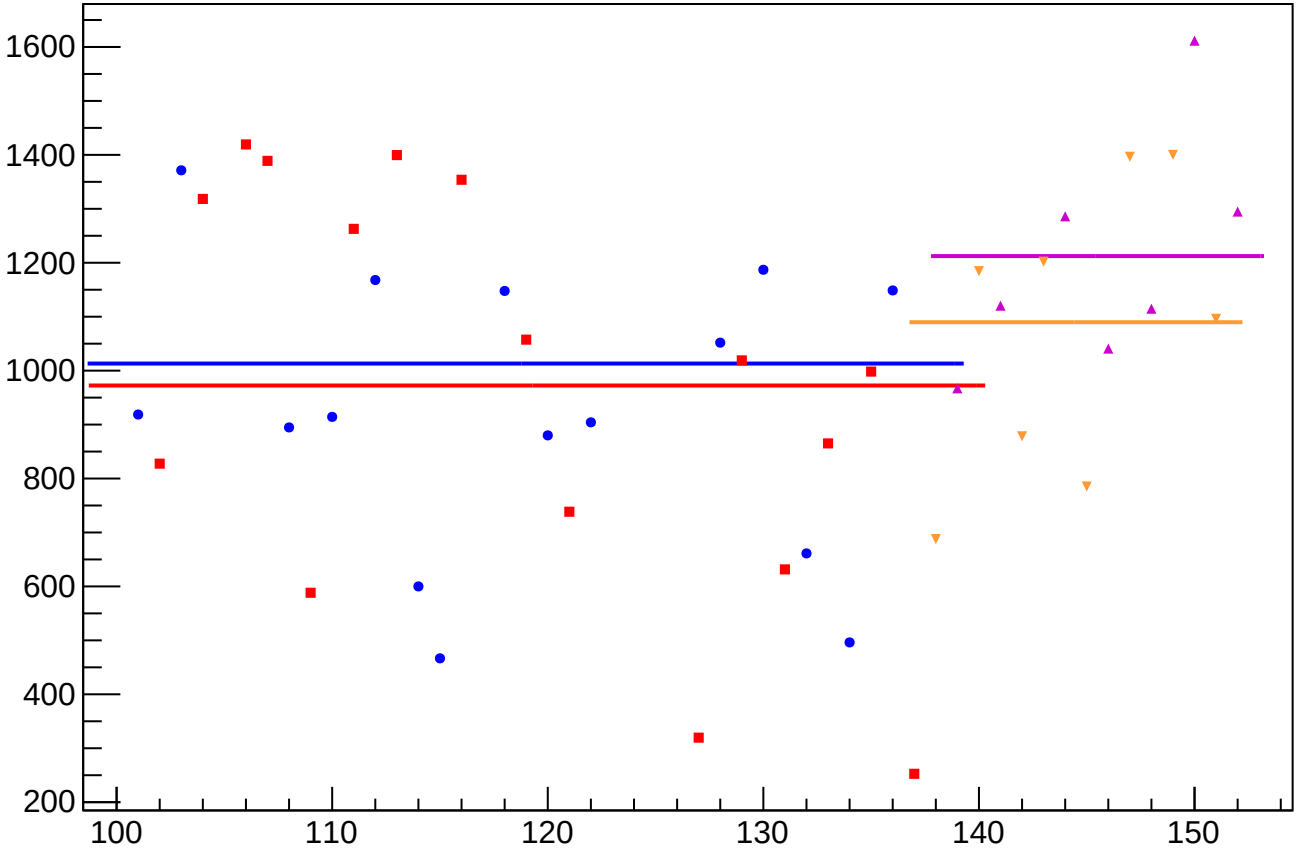
Right In: 199.503+/-0.000 χ^2/NDF: 326815974592353382504518166487684979097 6.0/14
+ sign -347.131+/-0.000 χ^2/NDF: 39509697050073
Left Out: -945.386+/-0.000 χ^2/NDF:276642489829848652906726340773269209088.0/7
All: -397.909+/-0.000 χ^2/NDF: 10338791074
Right Out: 160.512+/-0.000 χ^2/NDF: 568057670946119790152672970370625149337 6.0/15
- sign -447.686+/-0.000 χ^2/NDF: 63814796314855 8
Left In: -1123.800+/-0.000 χ^2/NDF:179898196878611839329065877210440663040.0/6

dit_sam6_coil6_err_mean vs Slug



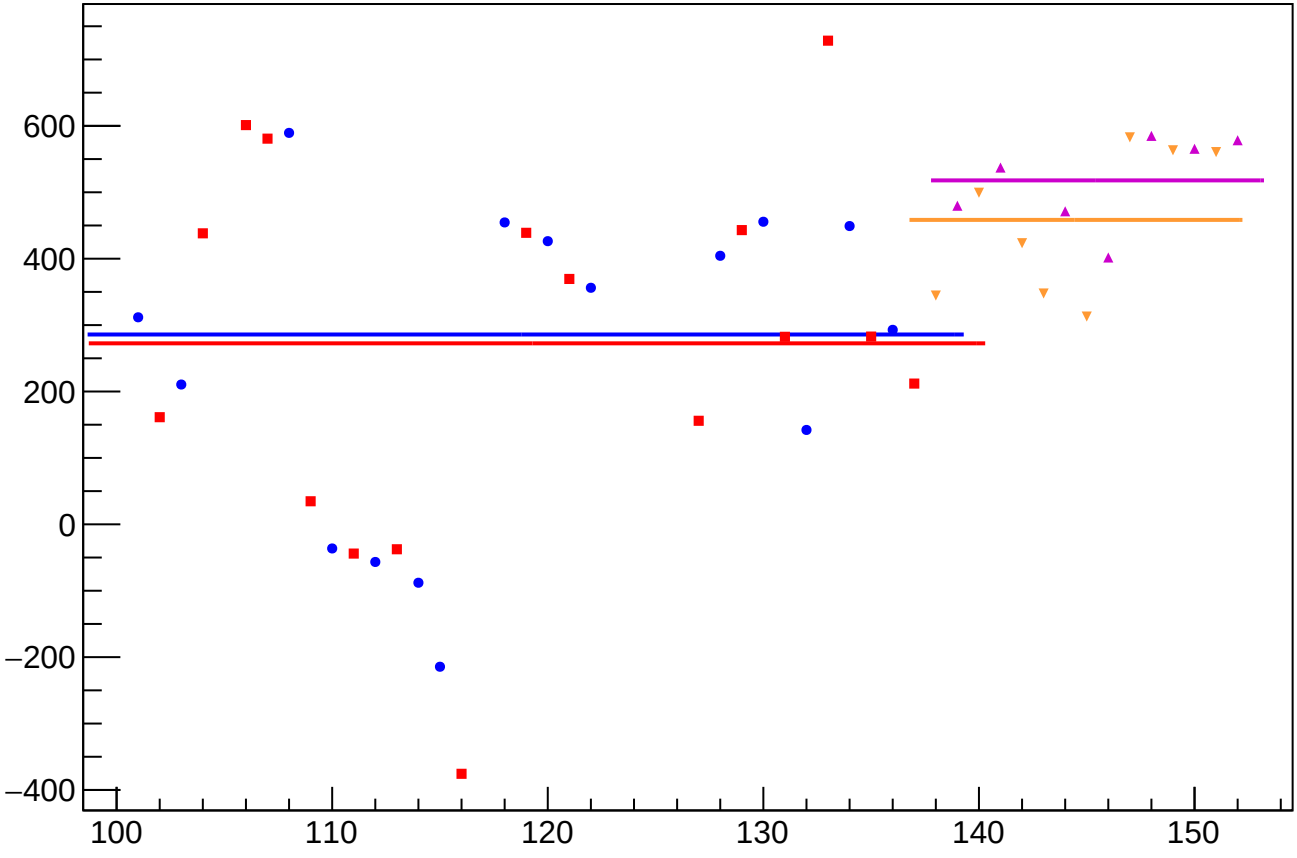
Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14
+ sign 120.109+/-0.000 χ^2/NDF: 548470389993474
Left Out: 94.220+/-0.000 χ^2/NDF:20931602225576008446331152186631782 4.0/7
All: 121.036+/-0.000 χ^2/NDF: 91573651993 6
Right Out: 132.341+/-0.000 χ^2/NDF: 31740879087962452876823599142823526 40.0/15
- sign 121.946+/-0.000 χ^2/NDF: 367054423005751
Left In: 110.390+/-0.000 χ^2/NDF:34426561770446864233746049849832243 2.0/6

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Left Out: 458.424+/-0.000 χ^2/NDF:667580467987643177987683315074723840.0/7

Right Out: 272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

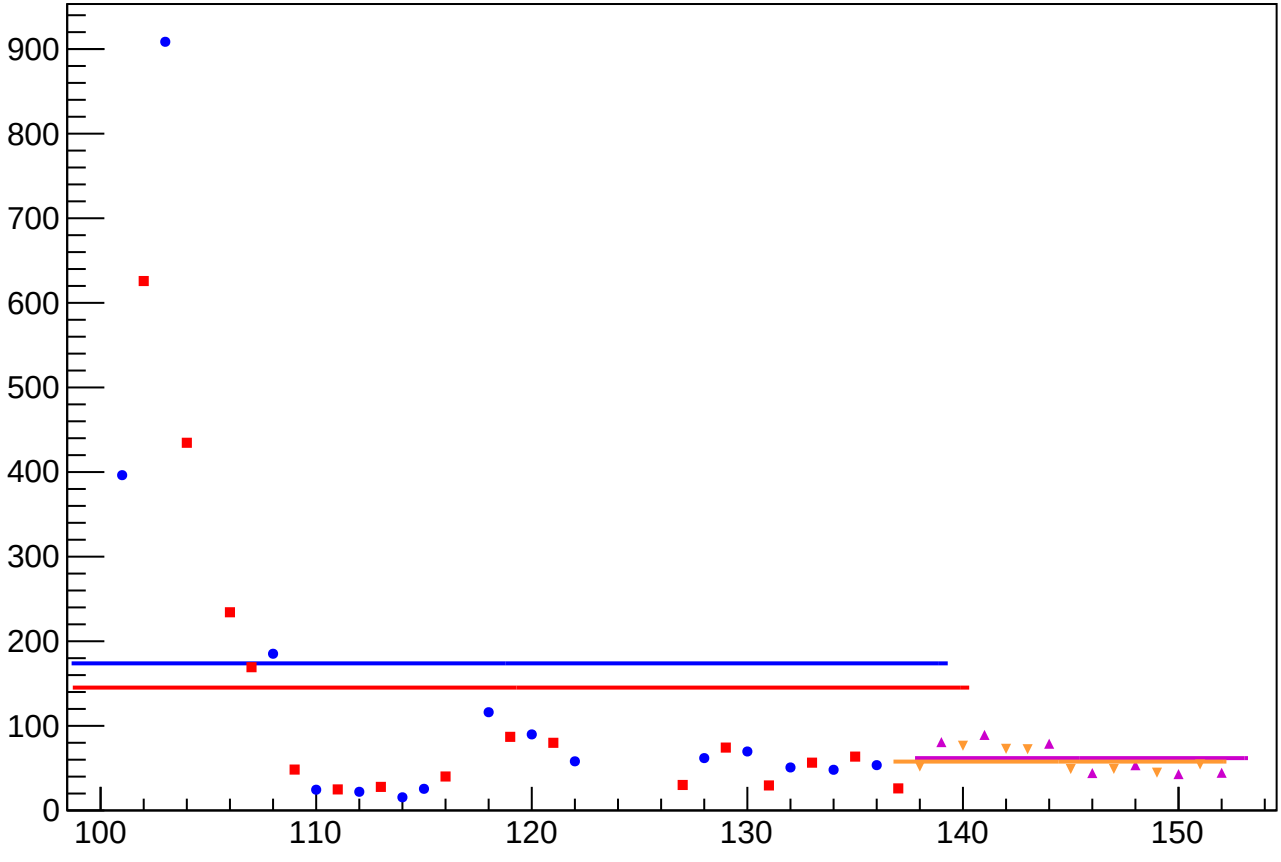
Left In: 517.911+/-0.000 χ^2/NDF:2363050971376420776632726835710394368.0/6

+ sign 368.250+/-0.000 χ^2/NDF: 400118518558735

All: 378.595+/-0.000 χ^2/NDF: 1058054695 61

- sign 388.737+/-0.000 χ^2/NDF: 655303757342175

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF: 4170547340446623261307370455499066572 8.0/14

+ sign 118.432+/-0.000 χ^2/NDF: 45966891708988 5

Left Out: 57.758+/-0.000 χ^2/NDF:836929648675074545613391016902000 64.0/7

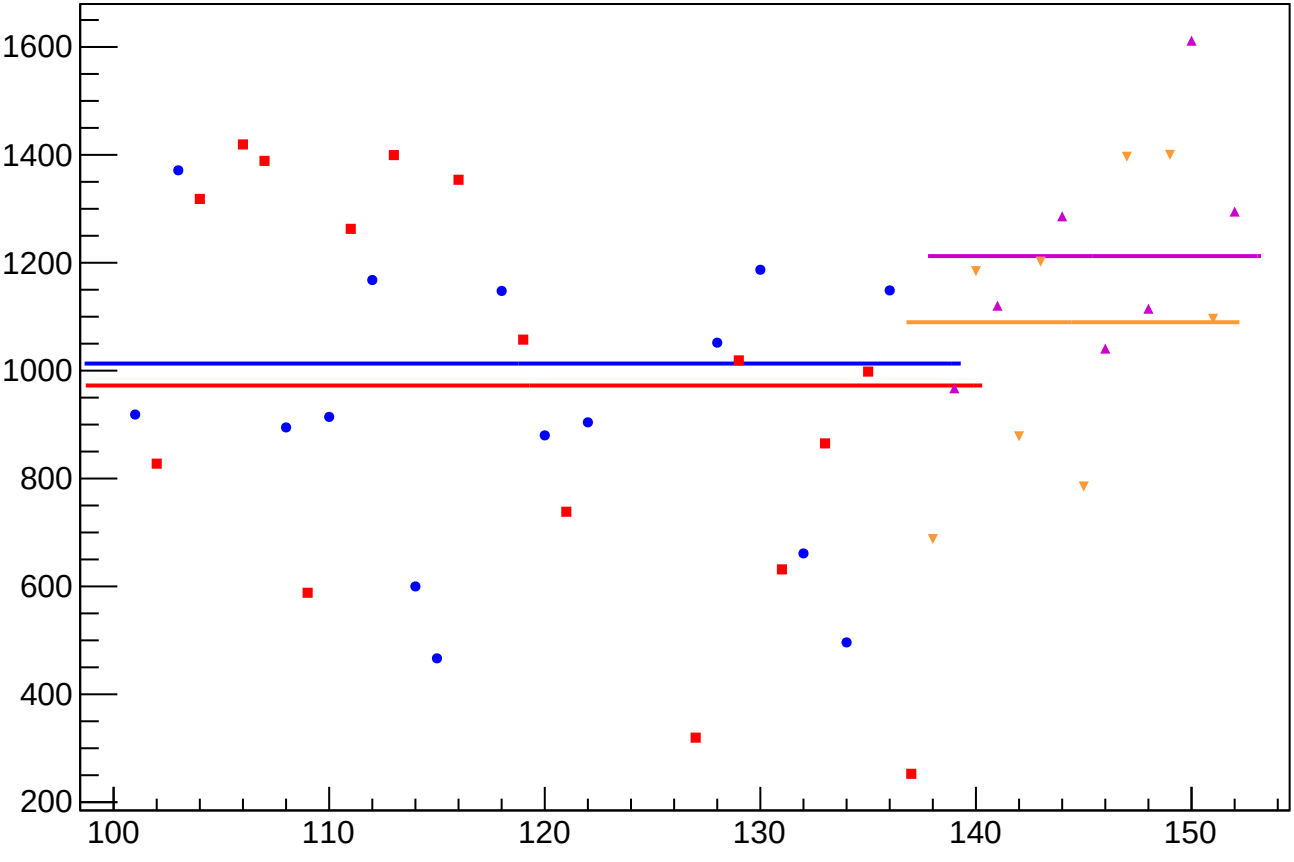
All: 112.026+/-0.000 χ^2/NDF: 71002138192 4

Right Out: 145.228+/-0.000 χ^2/NDF: 2252961571940859472078526574443783 7824.0/15

- sign 105.746+/-0.000 χ^2/NDF: 24934300537322 7

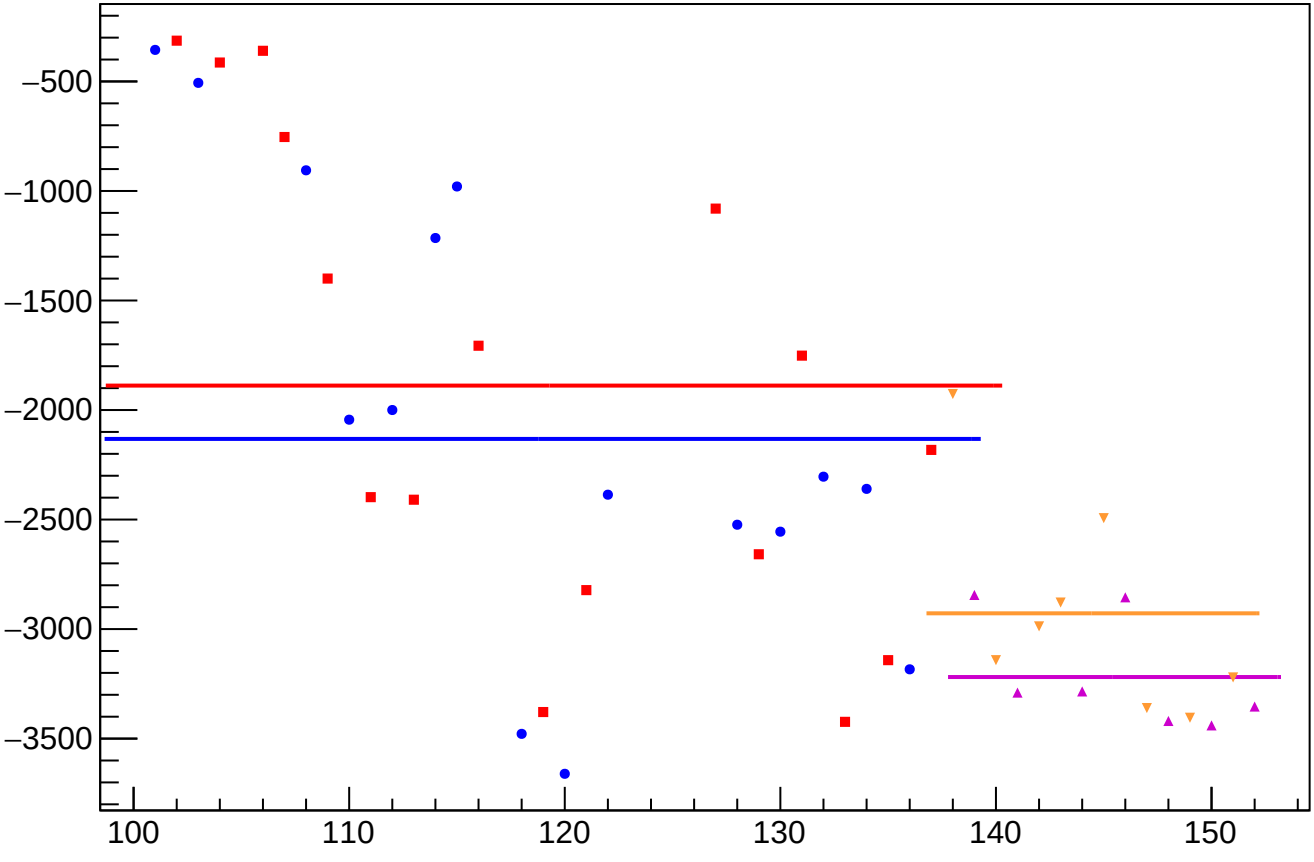
Left In: 61.854+/-0.000 χ^2/NDF:2090495796252686184109009721035325 44.0/6

dit_sam7_coil6_Ndata_mean vs Slug



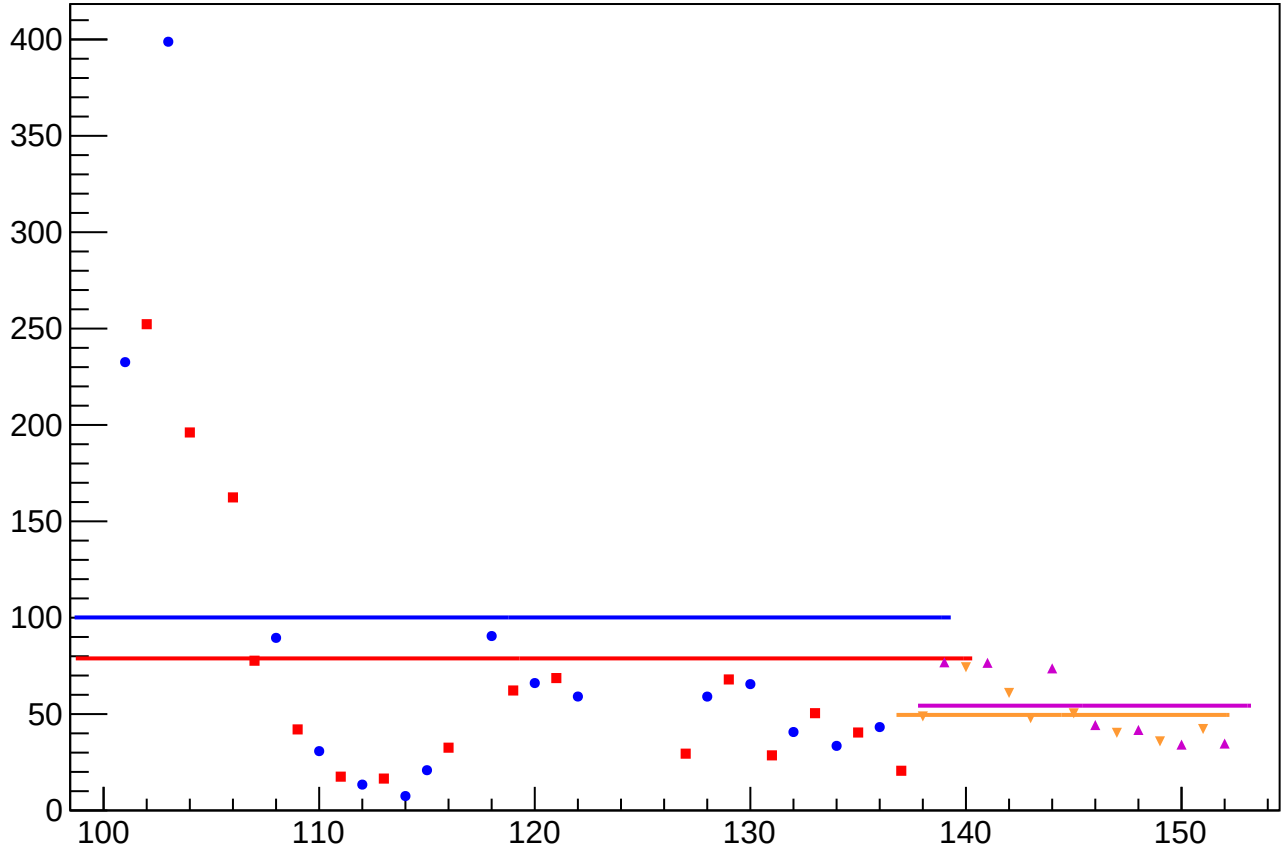
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
+ sign -2512.036+/-0.000 χ^2/NDF: 1056675154855
Left Out: -2928.065+/-0.000 χ^2/NDF:1378249039393800961512736339945565716 48.0/7
All: -2515.296+/-0.000 χ^2/NDF: 2440369117
Right Out: -1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
- sign -2518.492+/-0.000 χ^2/NDF: 1383667822393 0
Left In: -3218.891+/-0.000 χ^2/NDF:3257639645088494926858595936333148979 2.0/6

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

+ sign 75.992+/-0.000 χ^2/NDF: 8689352953500438

Left Out: 49.569+/-0.000 χ^2/NDF:8311989033577184596137254739089817 6.0/7

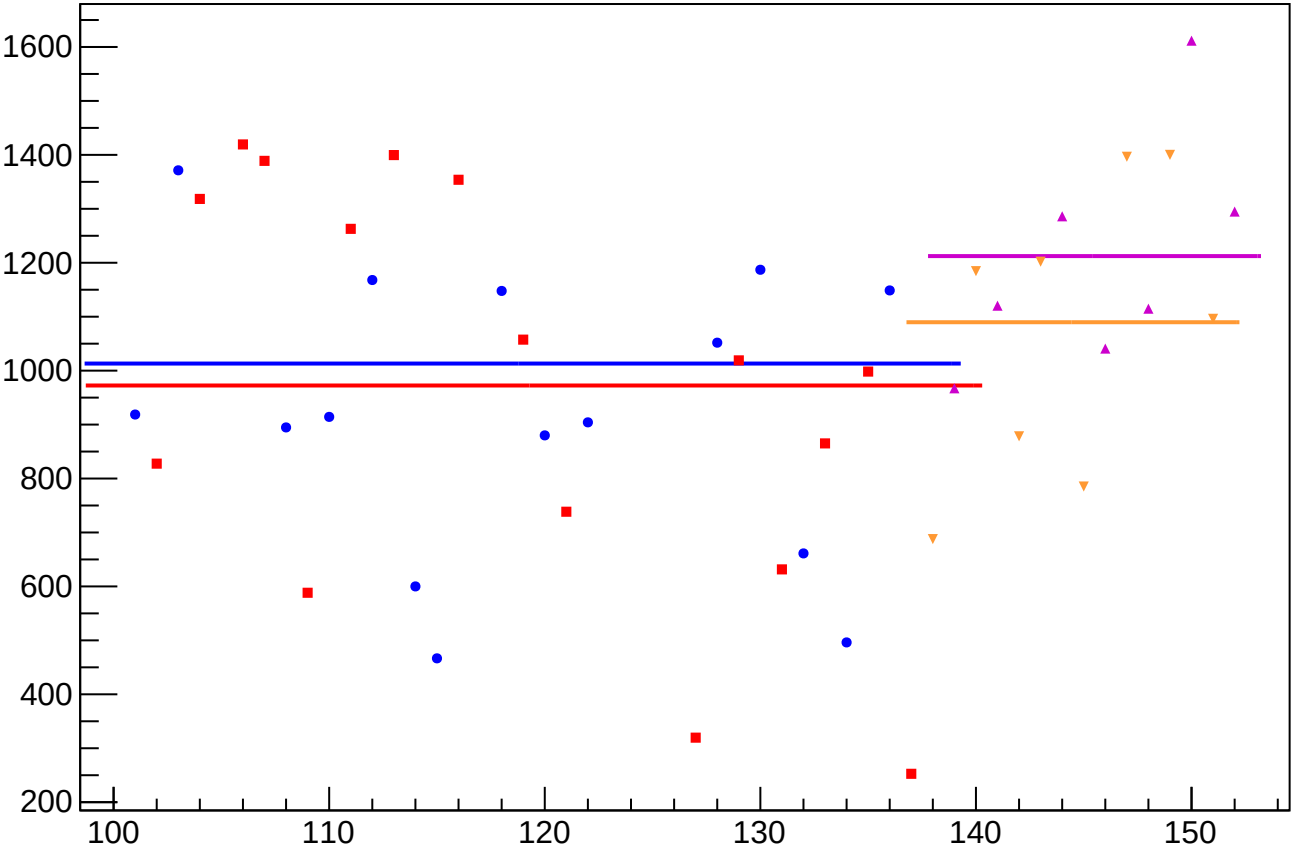
All: 71.587+/-0.000 χ^2/NDF: 1266092528740

Right Out: 78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

- sign 67.268+/-0.000 χ^2/NDF: 3923842812830124

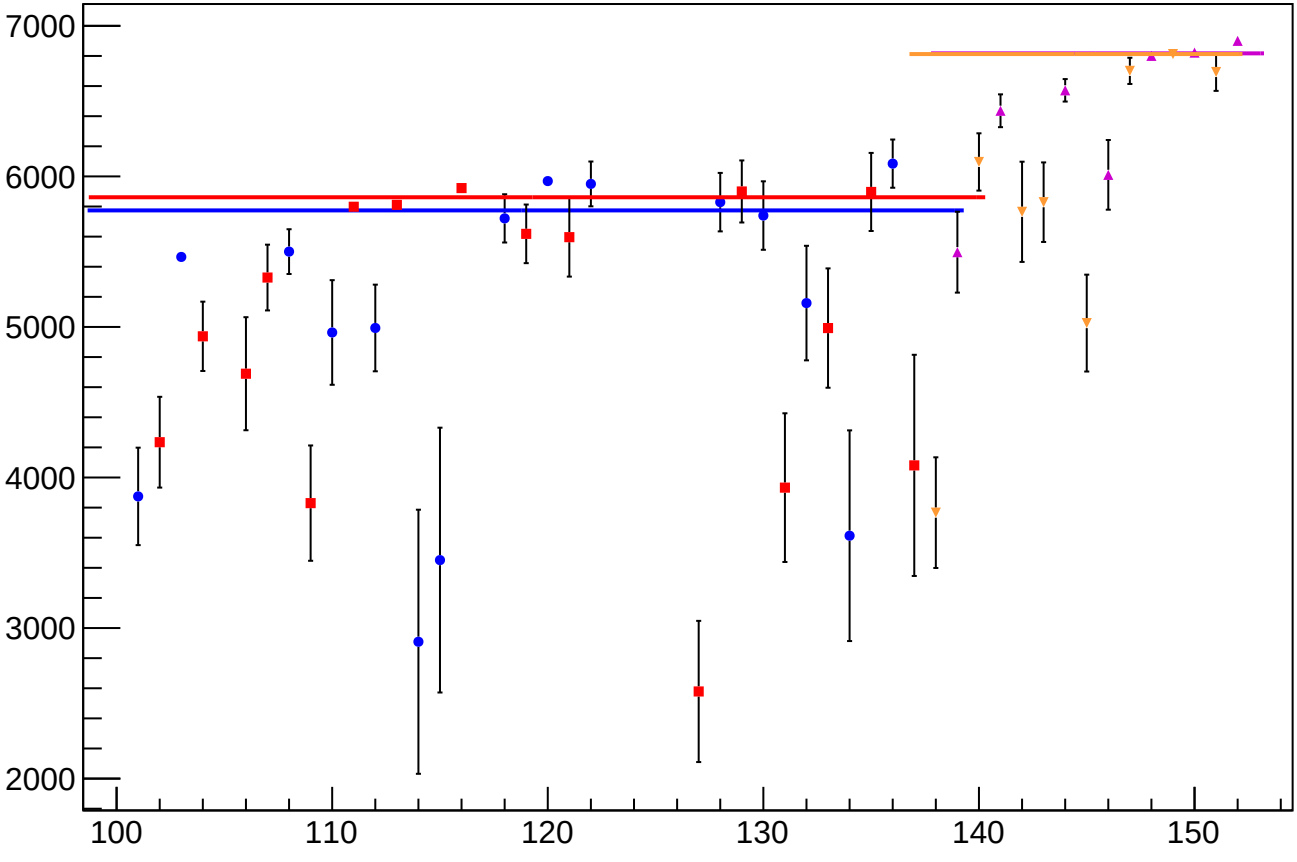
Left In: 54.359+/-0.000 χ^2/NDF:2087793775921008267909269730654945 28.0/6

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1049.725+/-0.000 χ^2/NDF: 7272569305289 8
Left Out: 1089.757+/-0.000 χ^2/NDF:39185736443320245411683779286881271808.0/7
All: 1068.077+/-0.000 χ^2/NDF: 1950274956 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1086.067+/-0.000 χ^2/NDF: 12147342954497
Left In: 1212.355+/-0.000 χ^2/NDF:24411830353682588528377693132289998848.0/6

dit_run_mean vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6812.621+/-0.311 χ^2/NDF:140.0/7

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

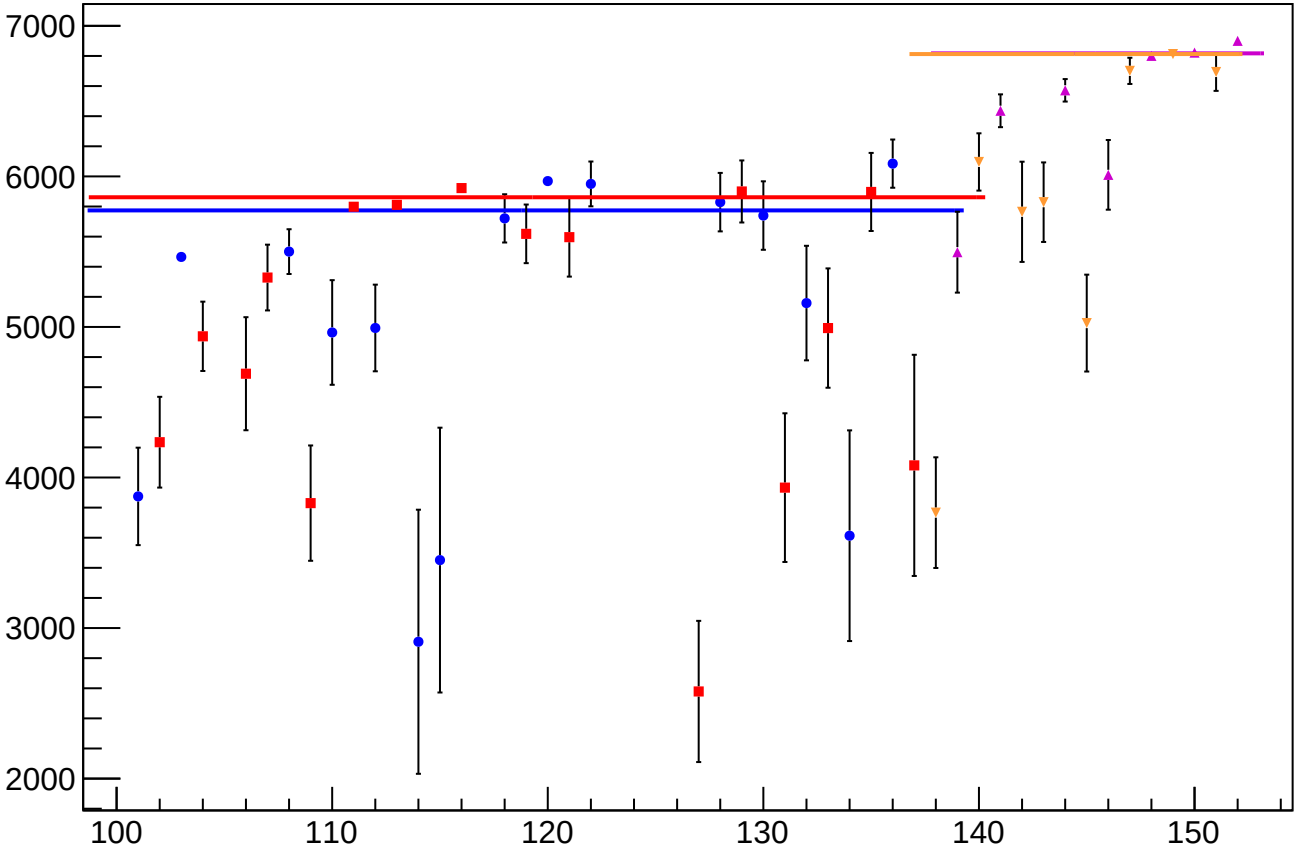
Left In: 6817.300+/-0.235 χ^2/NDF:7366.5/6

+ sign 6038.096+/-0.157 χ^2/NDF: 10154662.5/22

All: 6083.801+/-0.095 χ^2/NDF: 22701266.5/4

- sign 6110.609+/-0.120 χ^2/NDF: 12411641.6/22

dit_run_rms vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6812.621+/-0.311 χ^2/NDF:140.0/7

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

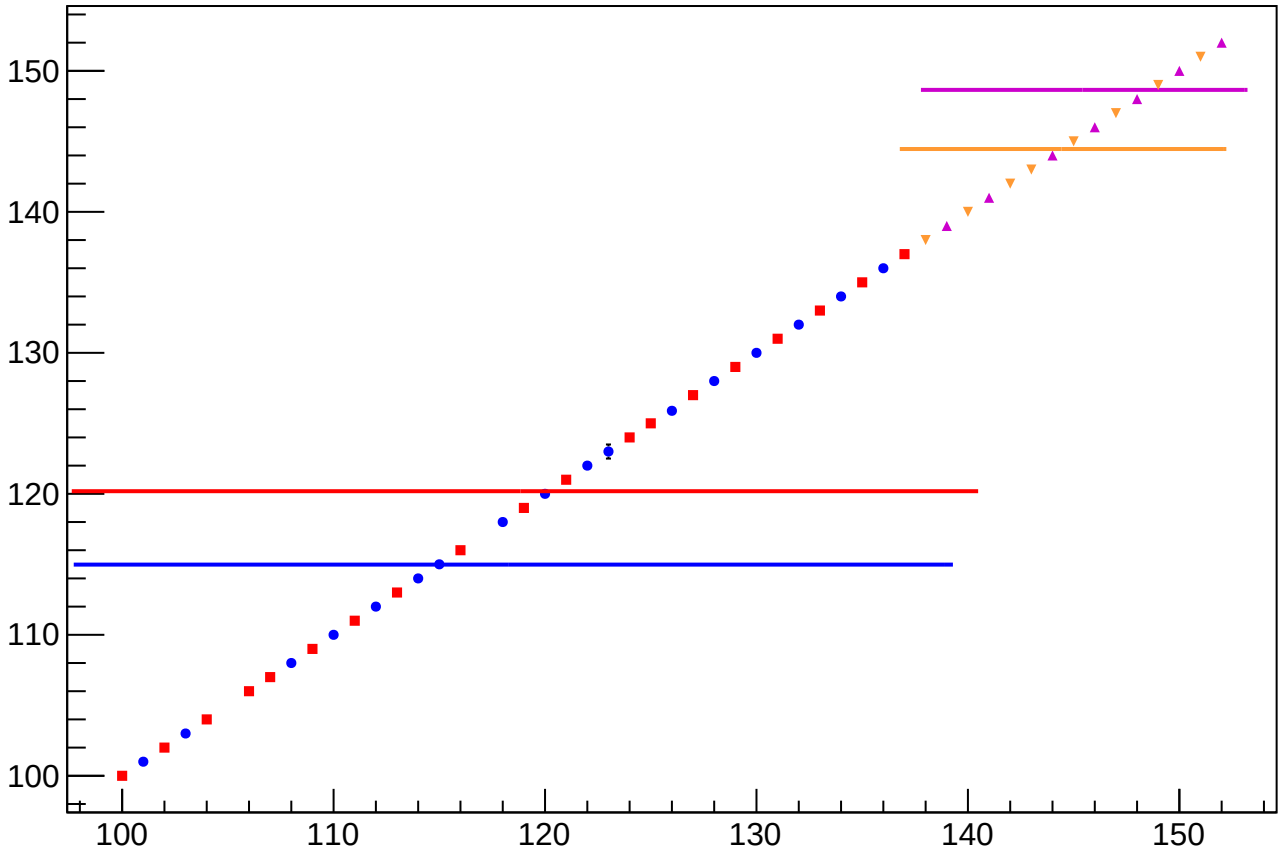
Left In: 6817.300+/-0.235 χ^2/NDF:7366.5/6

+ sign 6038.096+/-0.157 χ^2/NDF: 10154662.5/22

All: 6083.801+/-0.095 χ^2/NDF: 22701266.5/4

- sign 6110.609+/-0.120 χ^2/NDF: 12411641.6/22

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 144.458+/-0.000 χ^2/NDF:8002012049495190959676379365376.0/7

Right Out: 120.186+/-0.000 χ^2/NDF: 5223325364426169552819804176384 0.0/18

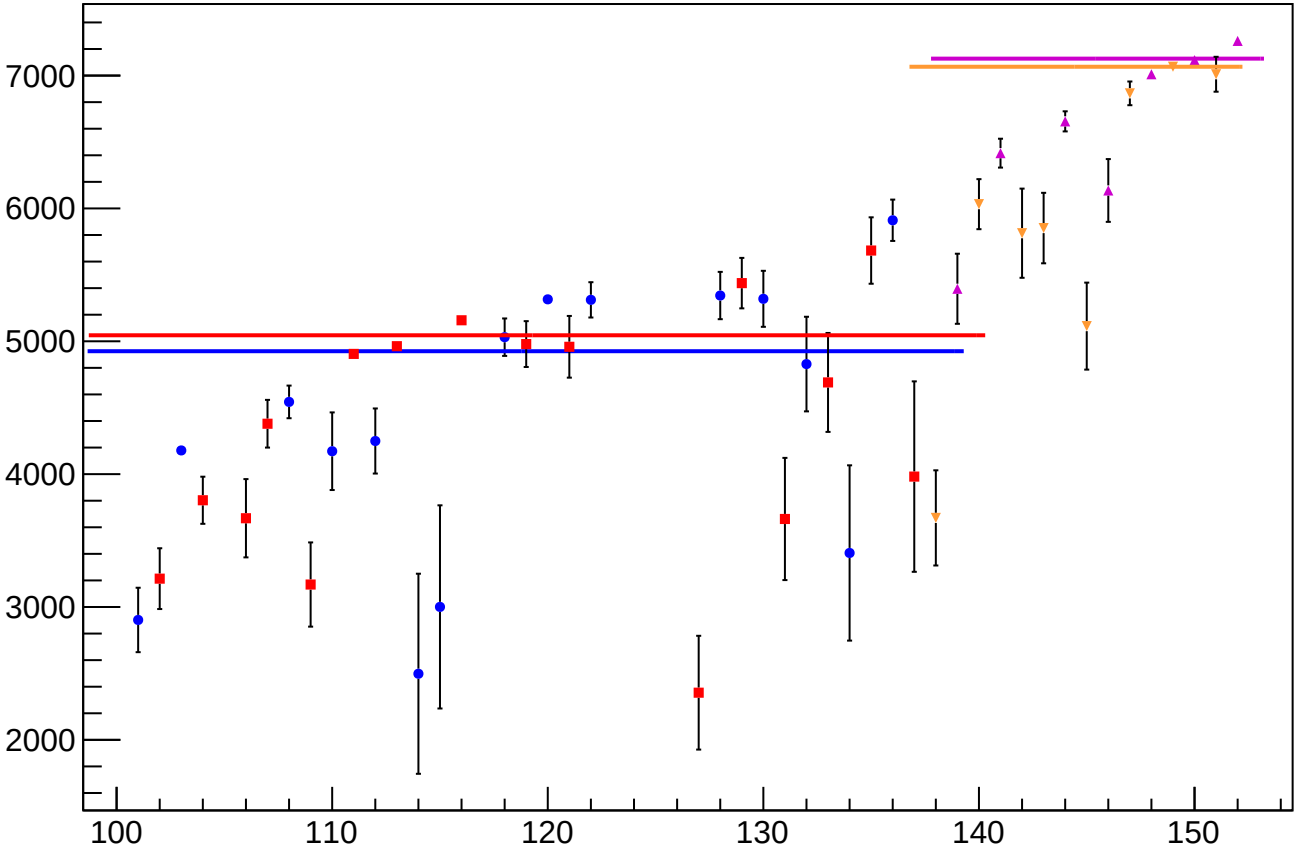
Left In: 148.652+/-0.000 χ^2/NDF:37533591724441556571317390540 80.0/6

+ sign 118.333+/-0.000 χ^2/NDF: 266205112907834

All: 122.257+/-0.000 χ^2/NDF: 57984298432

- sign 127.144+/-0.000 χ^2/NDF: 256064761011414

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7066.441+/-1.478 χ^2/NDF:195.7/7

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

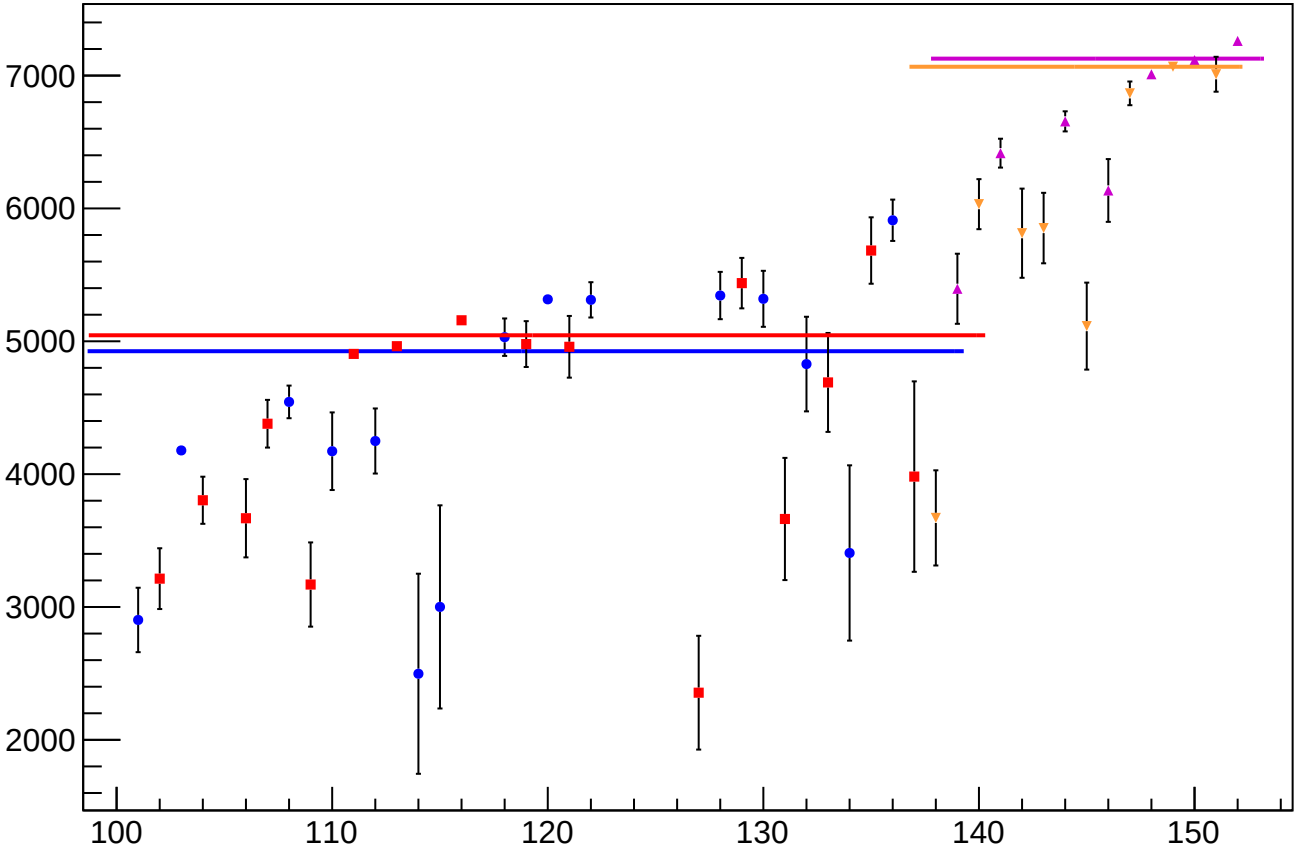
Left In: 7127.523+/-0.987 χ^2/NDF:10278.9/6

+ sign 5540.959+/-0.792 χ^2/NDF: 1827177.1/22

All: 5647.347+/-0.454 χ^2/NDF: 4947672.2/45

- sign 5699.192+/-0.553 χ^2/NDF: 3093680.3/22

dit_cyclenum_rms vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7066.441+/-1.478 χ^2/NDF:195.7/7

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

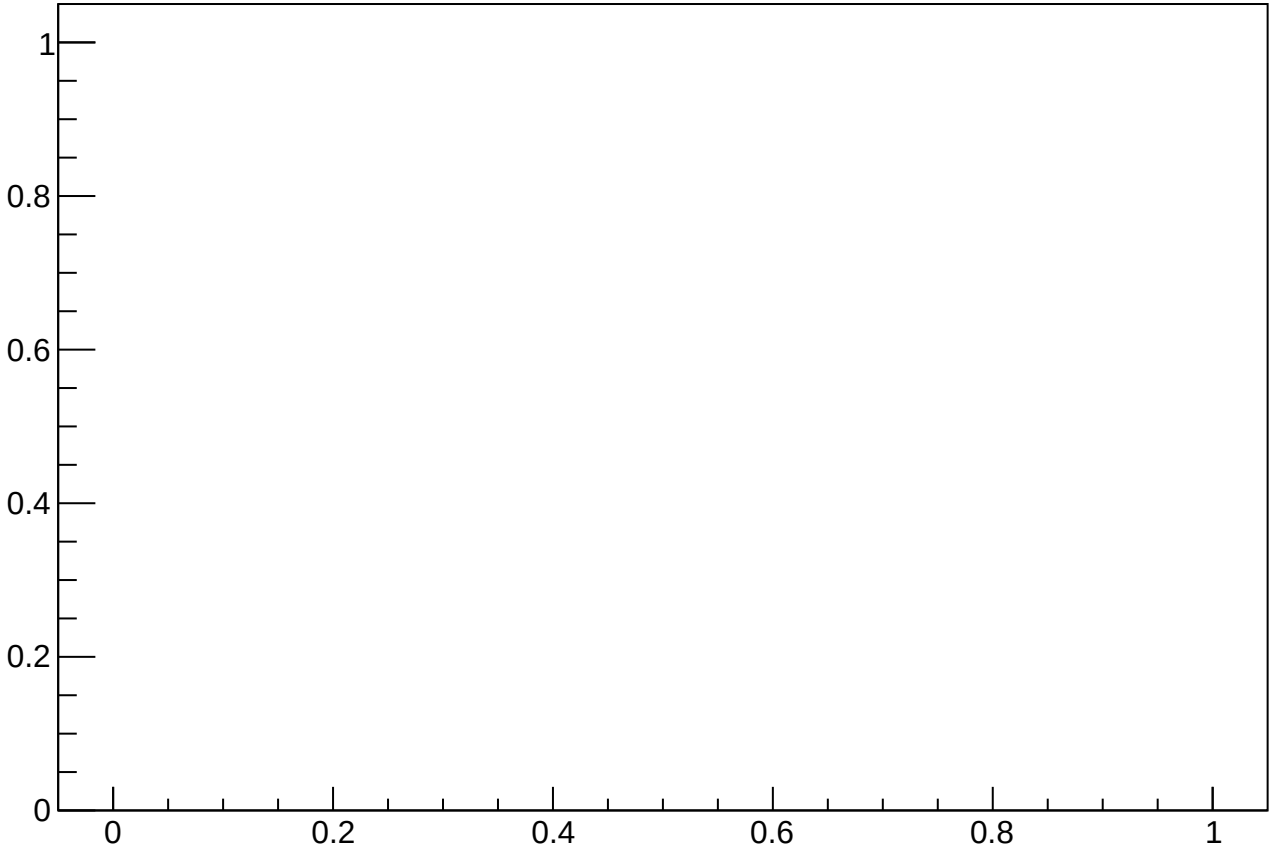
Left In: 7127.523+/-0.987 χ^2/NDF:10278.9/6

+ sign 5540.959+/-0.792 χ^2/NDF: 1827177.1/22

All: 5647.347+/-0.454 χ^2/NDF: 4947672.2/45

- sign 5699.192+/-0.553 χ^2/NDF: 3093680.3/22

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

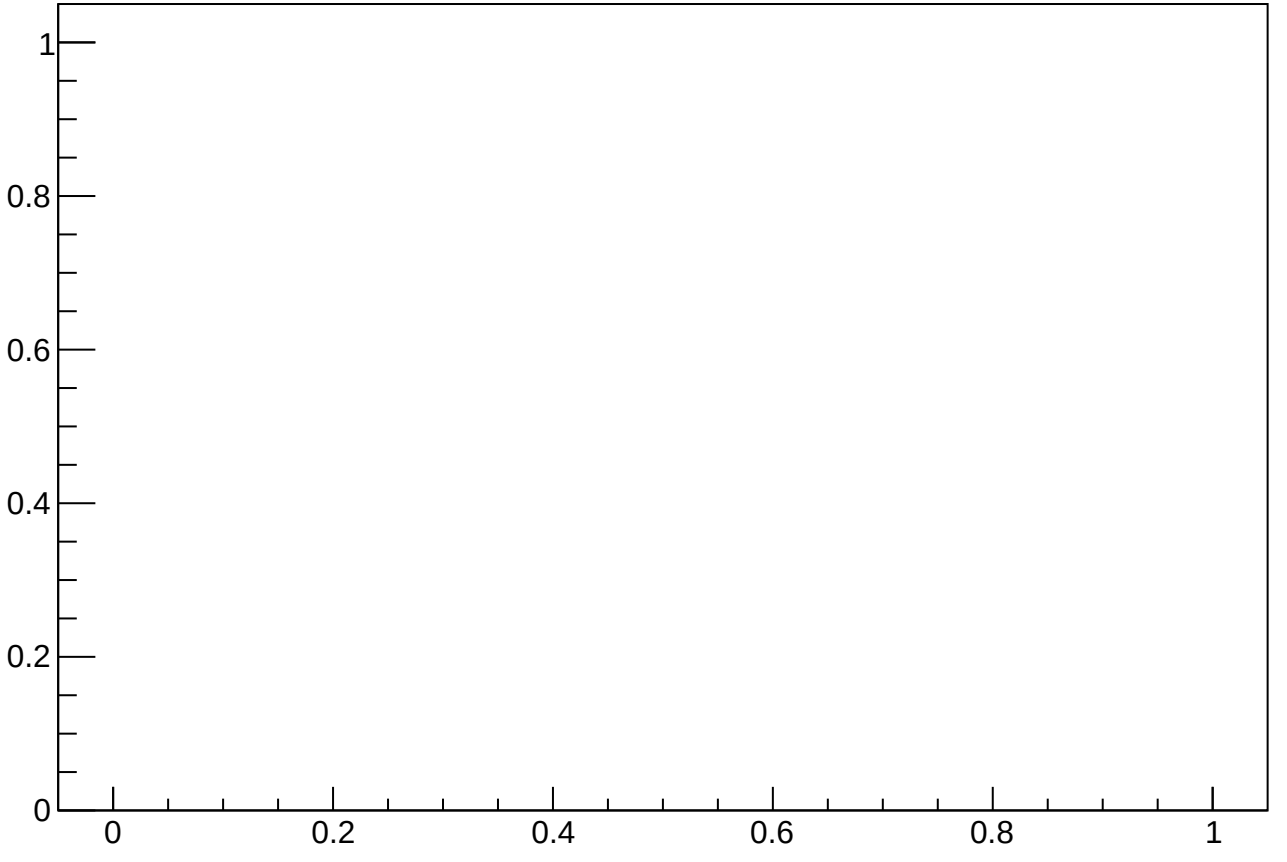
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

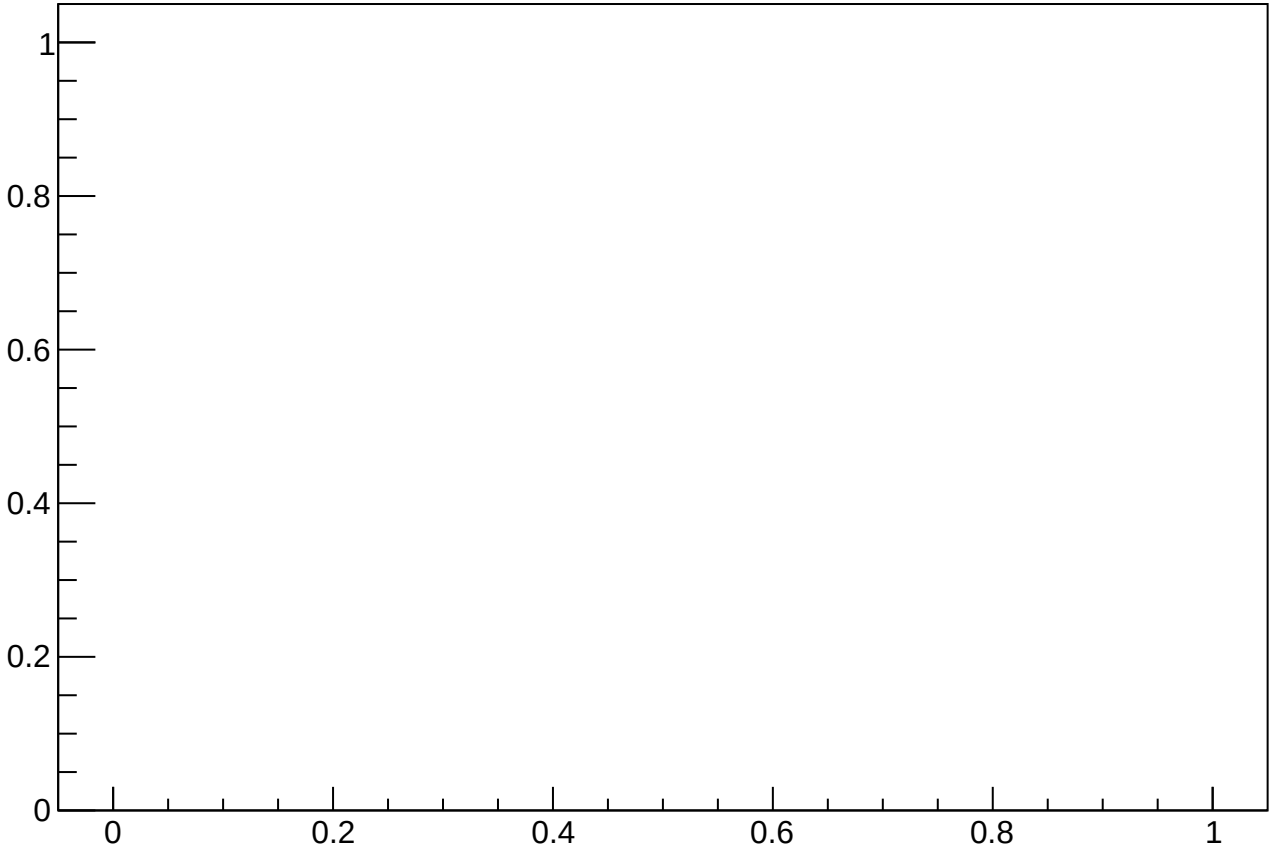
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

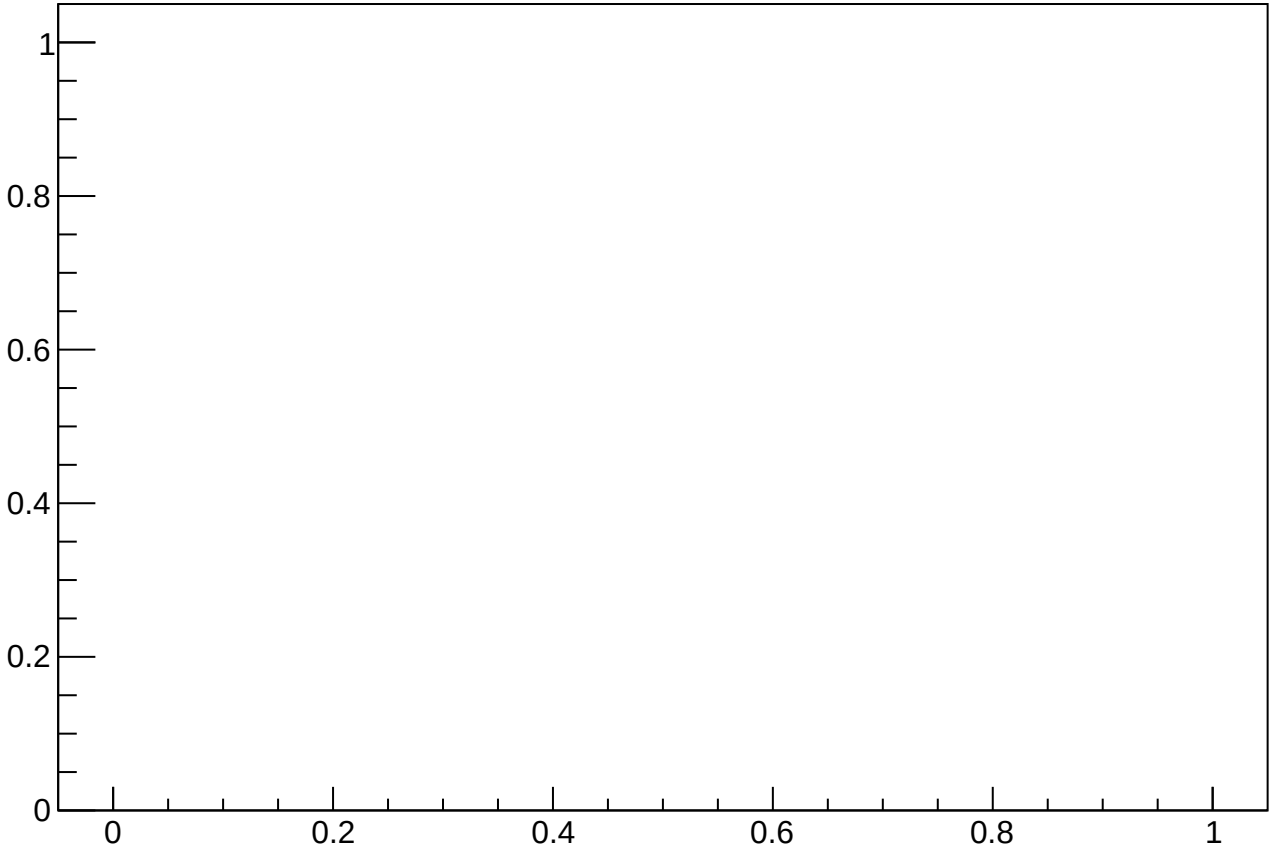
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

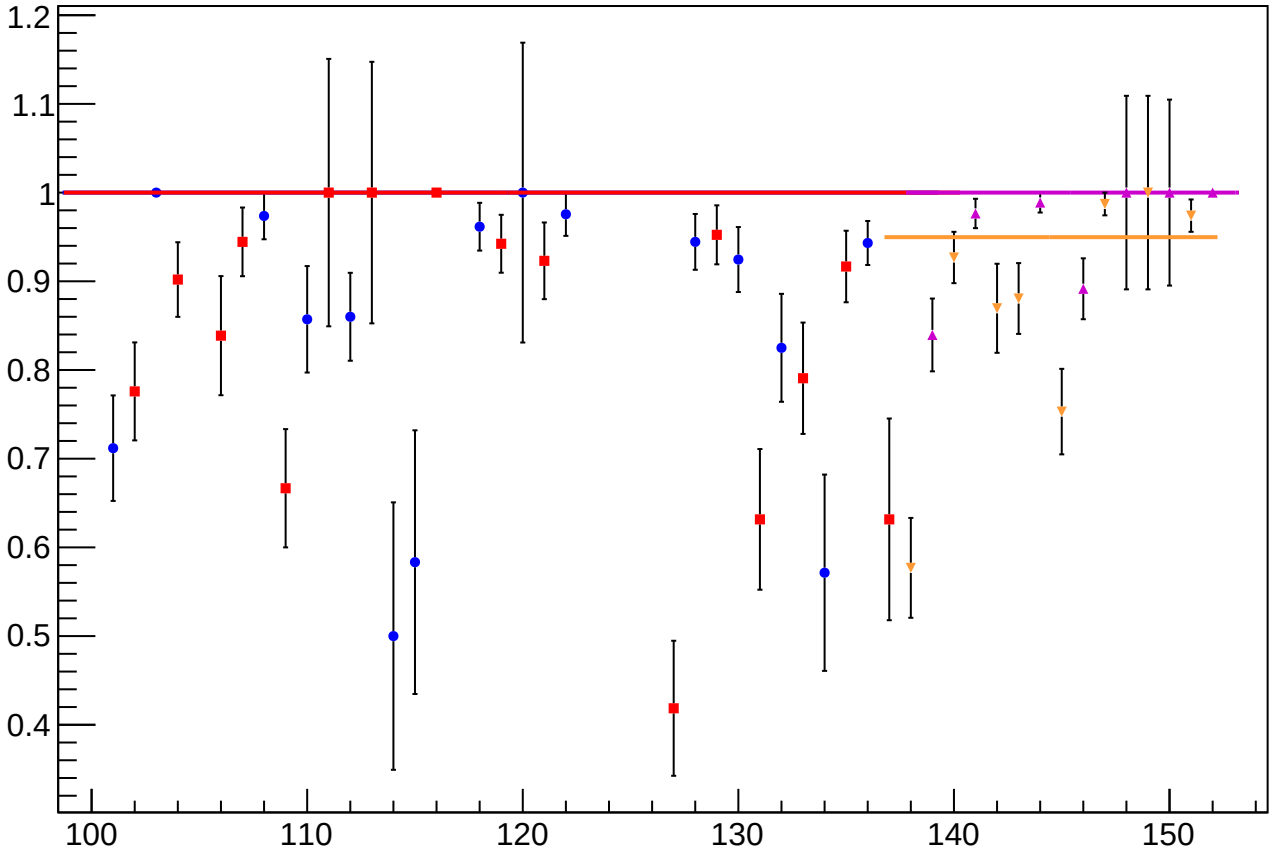
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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: 0.950+/-0.009 χ^2/NDF:77.2/7

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

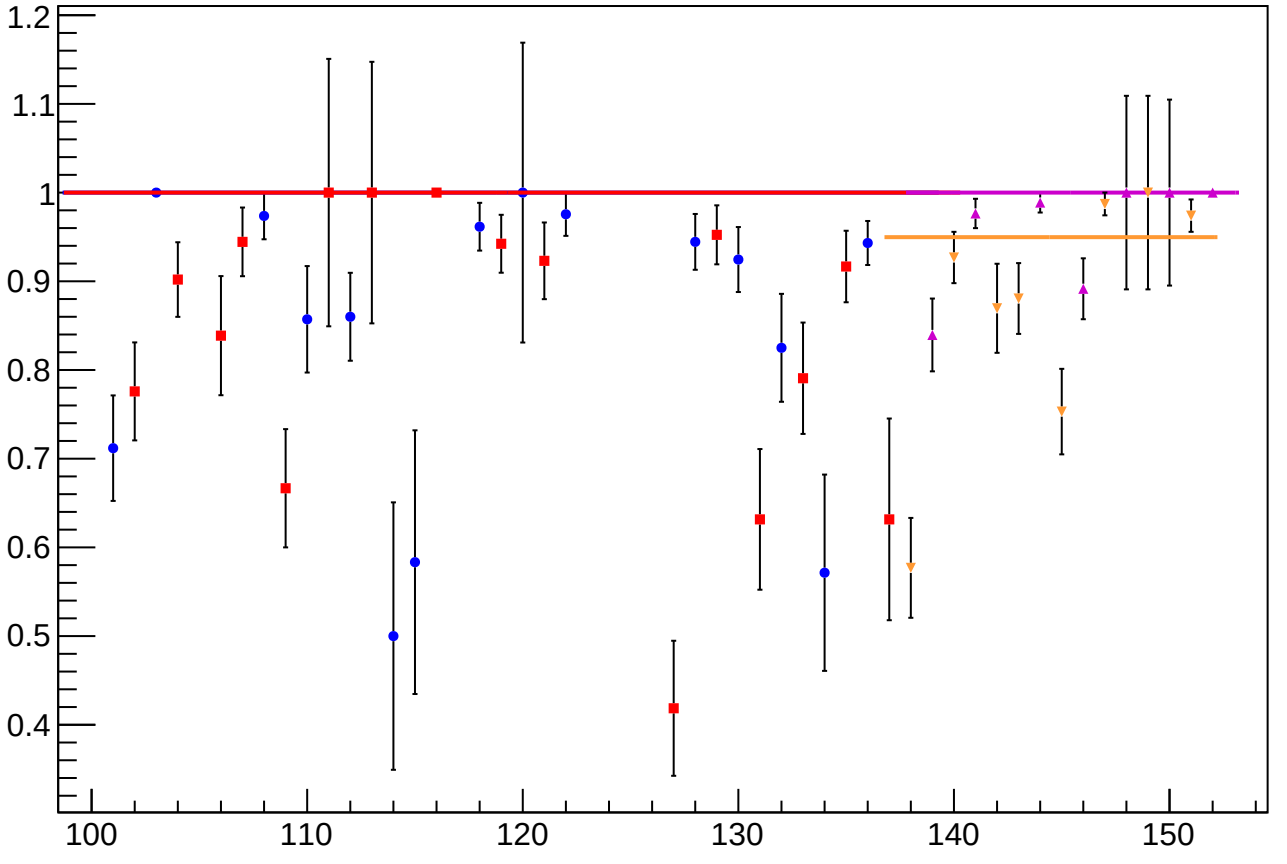
Left In: 1.000+/-0.000 χ^2/NDF:28.3/6

+ sign 1.000+/-0.000 χ^2/NDF: 203.7/22

All: 1.000+/-0.000 χ^2/NDF: 569.9/45

- sign 1.000+/-0.000 χ^2/NDF: 374.9/22

dit_flag_rms vs Slug



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.950+/-0.009 χ^2/NDF:77.2/7

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

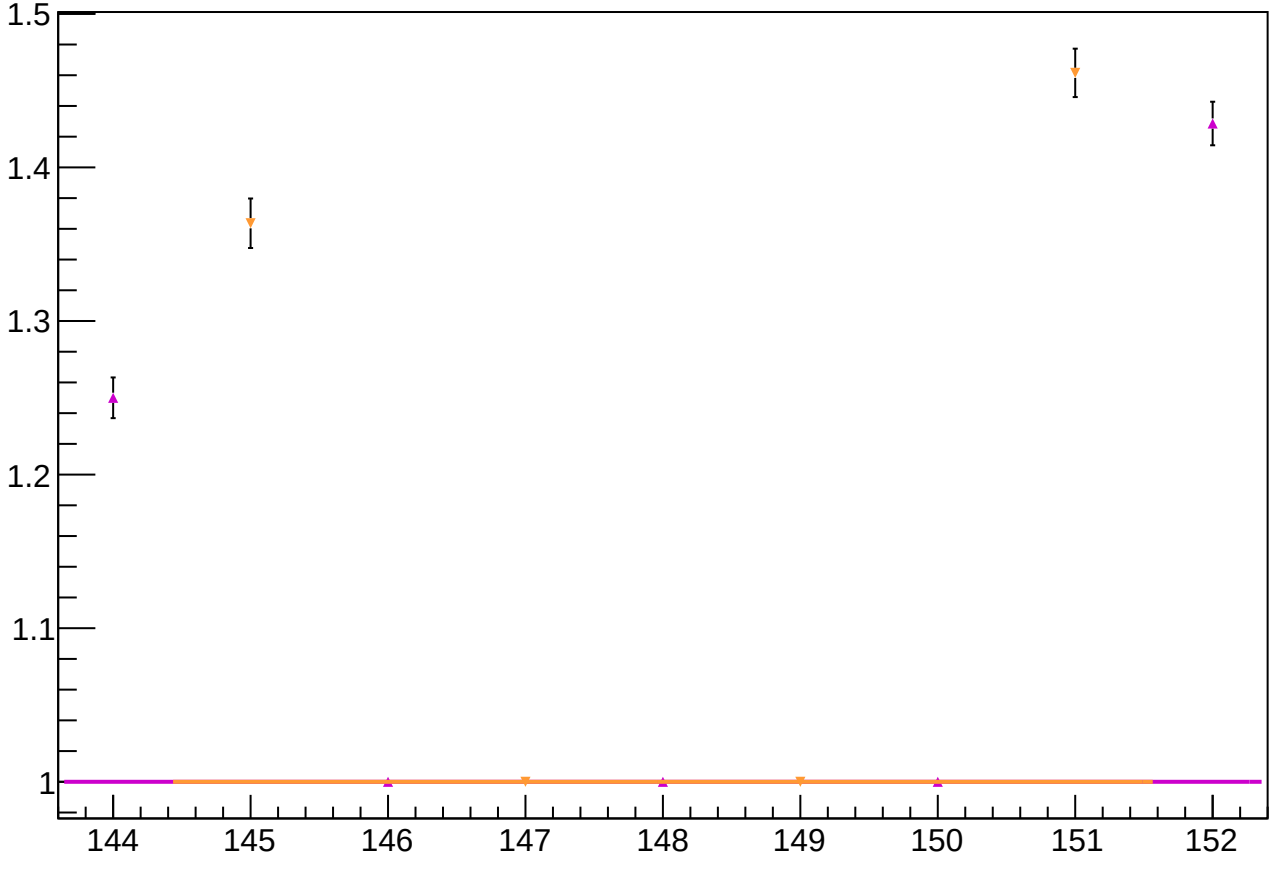
Left In: 1.000+/-0.000 χ^2/NDF:28.3/6

+ sign 1.000+/-0.000 χ^2/NDF: 203.7/22

All: 1.000+/-0.000 χ^2/NDF: 569.9/45

- sign 1.000+/-0.000 χ^2/NDF: 374.9/22

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:1504.0/3

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

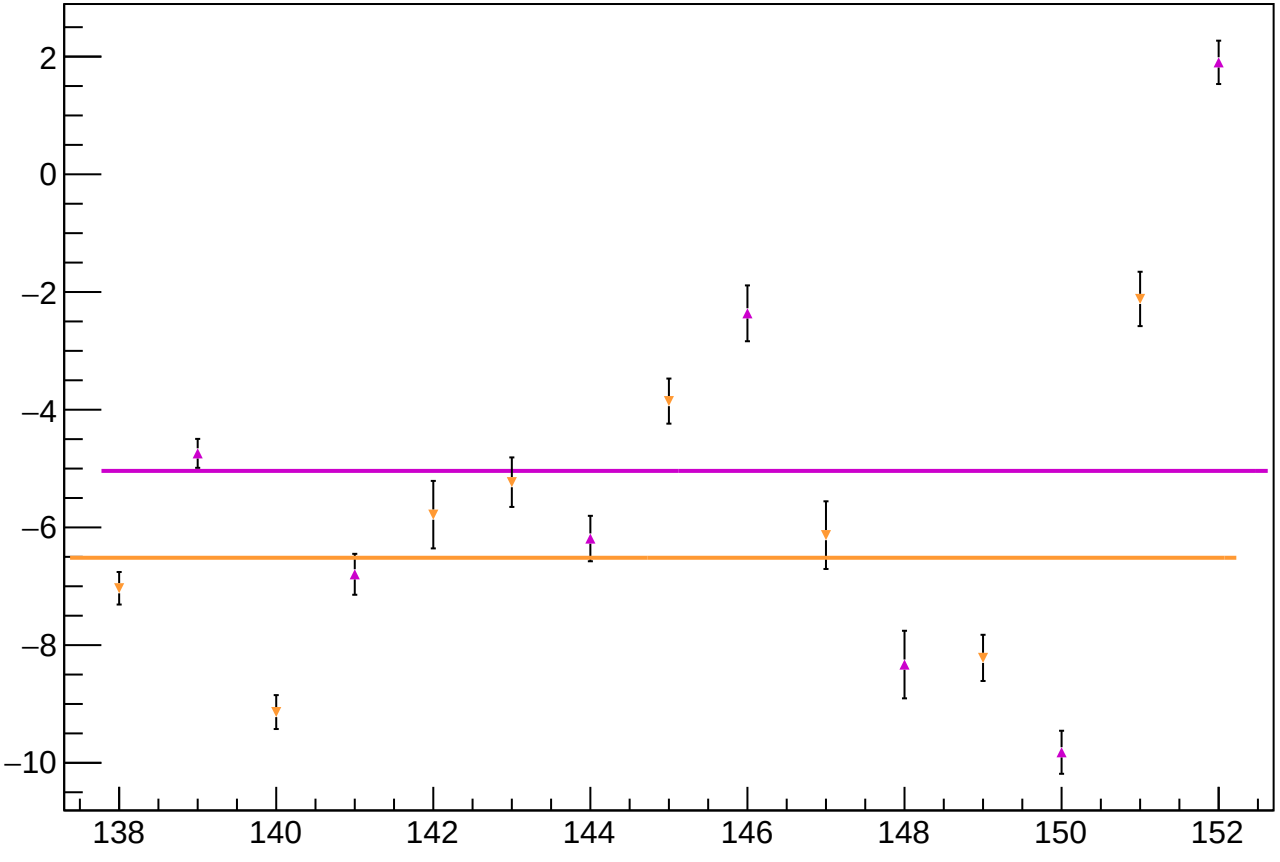
Left In: 1.000+/-0.000 χ^2/NDF:1524.5/4

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.000+/-0.000 χ^2/NDF: 5031.2/8

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -6.516+/-0.135 χ^2/NDF:255.6/7

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

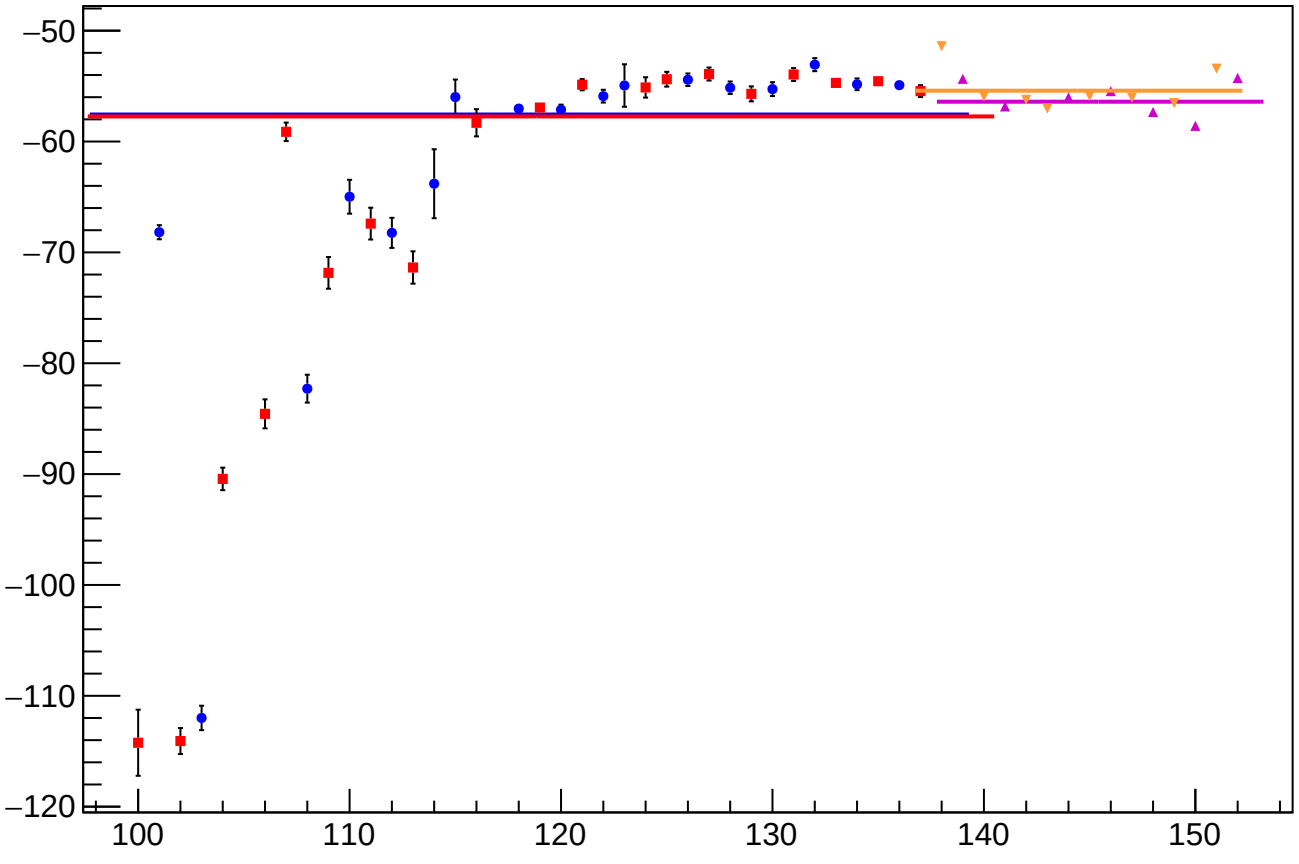
Left In: -5.040+/-0.136 χ^2/NDF:626.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.784+/-0.096 χ^2/NDF: 941.4/14

- 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: -55.412+/-0.102 χ^2/NDF:272.1/7

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

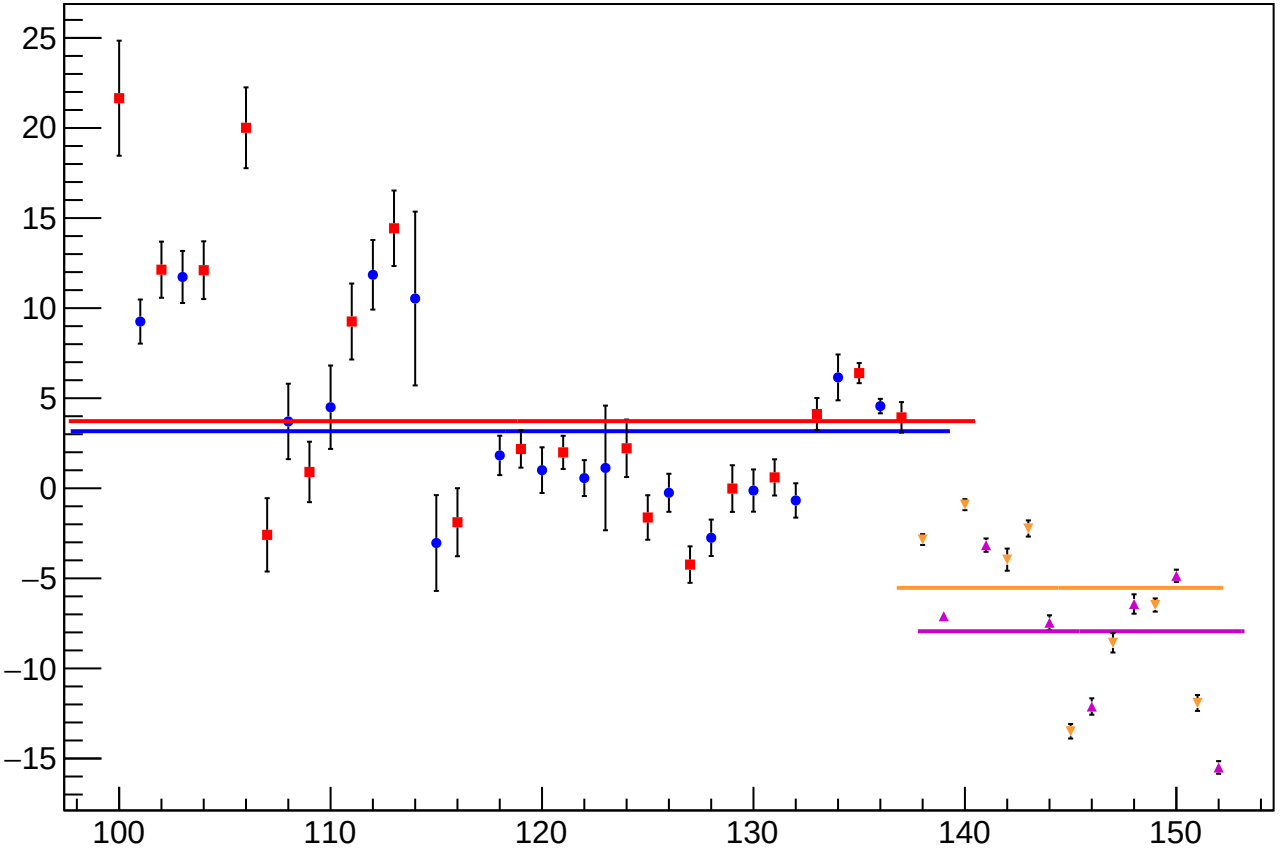
Left In: -56.407+/-0.108 χ^2/NDF:182.4/6

+ sign -56.144+/-0.082 χ^2/NDF: 3880.6/24

All: -56.500+/-0.060 χ^2/NDF: 8855.5/50

- sign -56.890+/-0.086 χ^2/NDF: 4935.8/25

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -5.526+/-0.139 χ^2/NDF:1003.1/7

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

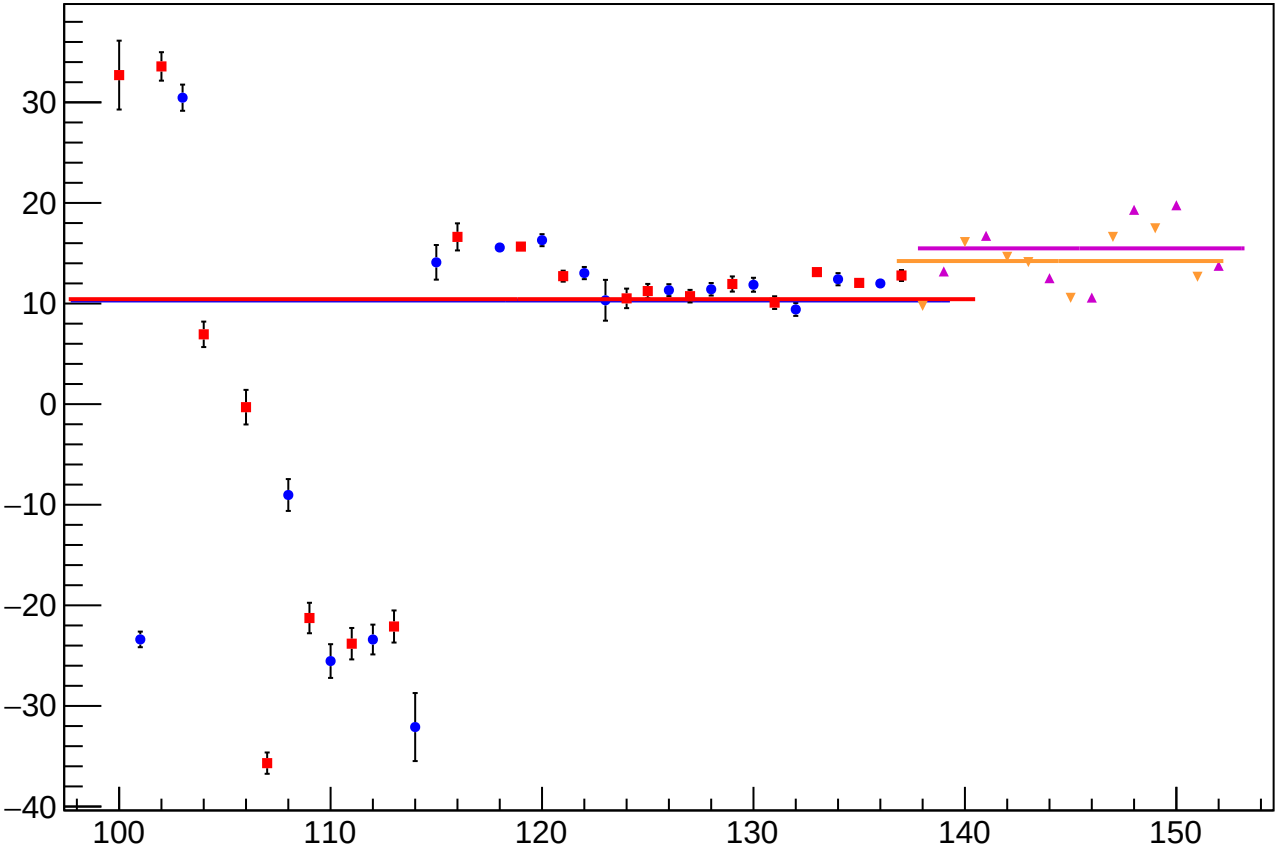
Left In: -7.937+/-0.138 χ^2/NDF:811.7/6

+ sign -3.559+/-0.123 χ^2/NDF: 2069.8/24

All: -4.510+/-0.087 χ^2/NDF: 4828.4/50

- sign -5.466+/-0.123 χ^2/NDF: 2637.9/25

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 14.224+/-0.123 χ^2/NDF:475.4/7

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

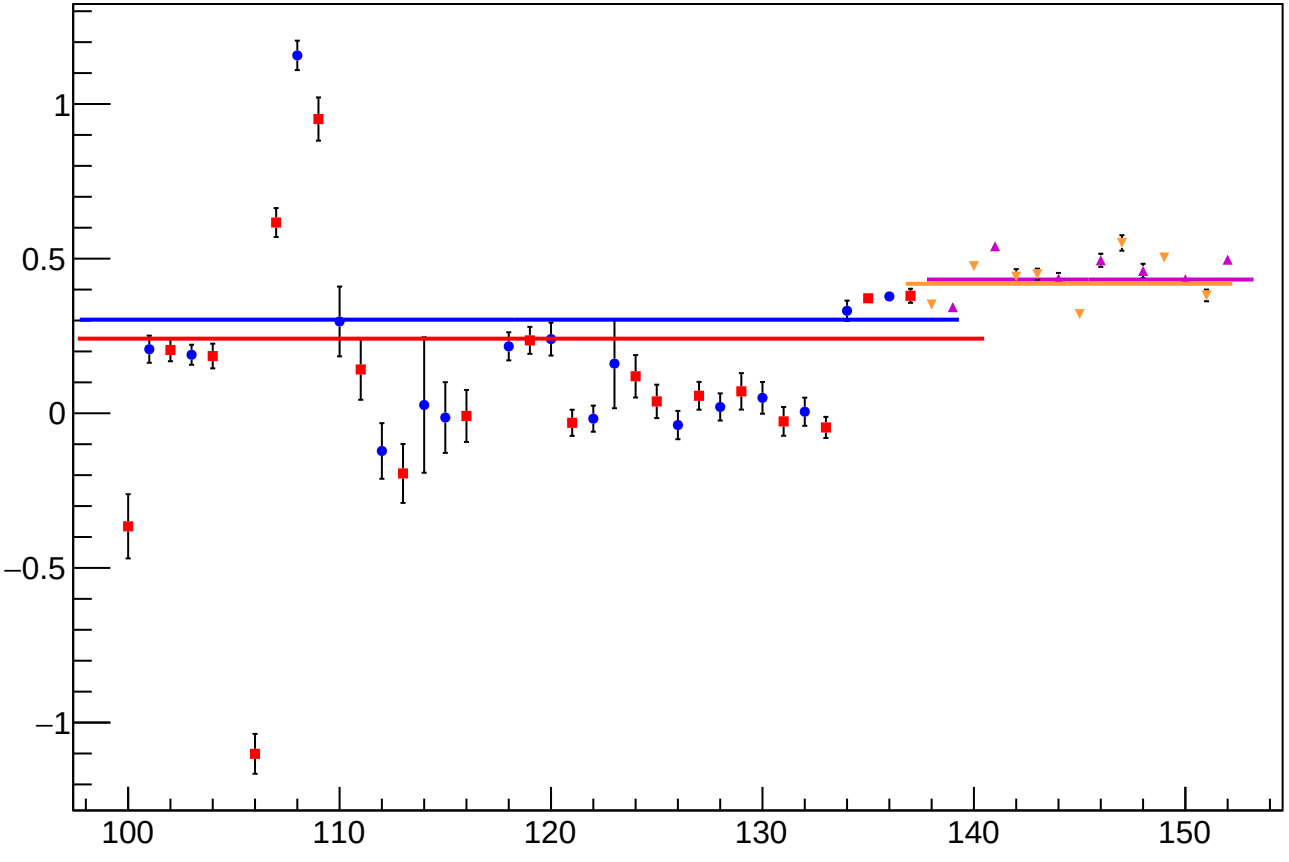
Left In: 15.484+/-0.128 χ^2/NDF:637.7/6

+ sign 12.735+/-0.097 χ^2/NDF: 4574.9/24

All: 13.106+/-0.070 χ^2/NDF: 9678.2/50

- sign 13.504+/-0.100 χ^2/NDF: 5072.8/25

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.419+/-0.006 χ^2/NDF:154.5/7

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

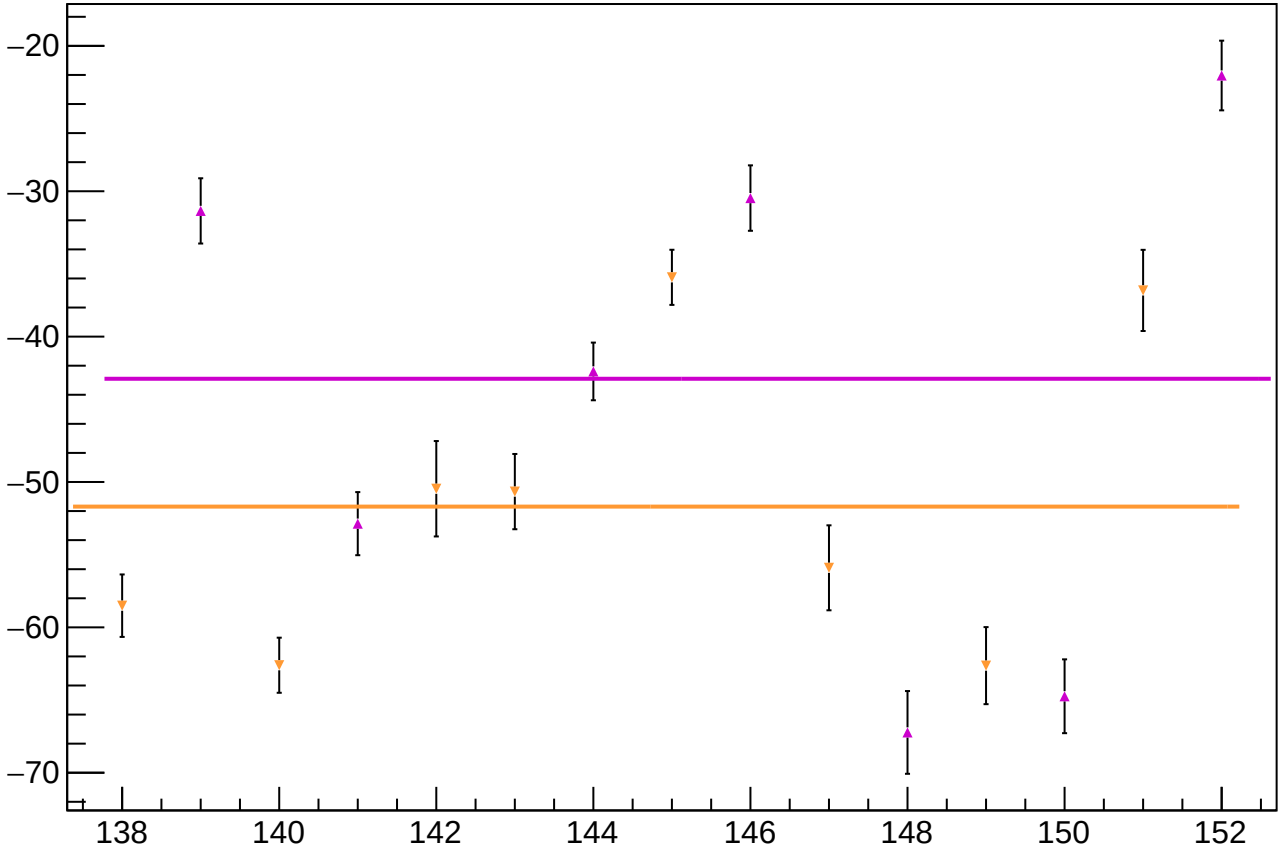
Left In: 0.432+/-0.006 χ^2/NDF:173.0/6

+ sign 0.380+/-0.005 χ^2/NDF: 935.3/24

All: 0.378+/-0.003 χ^2/NDF: 2451.7/50

- sign 0.376+/-0.005 χ^2/NDF: 1515.8/25

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -51.693+/-0.844 χ^2/NDF:160.2/7

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

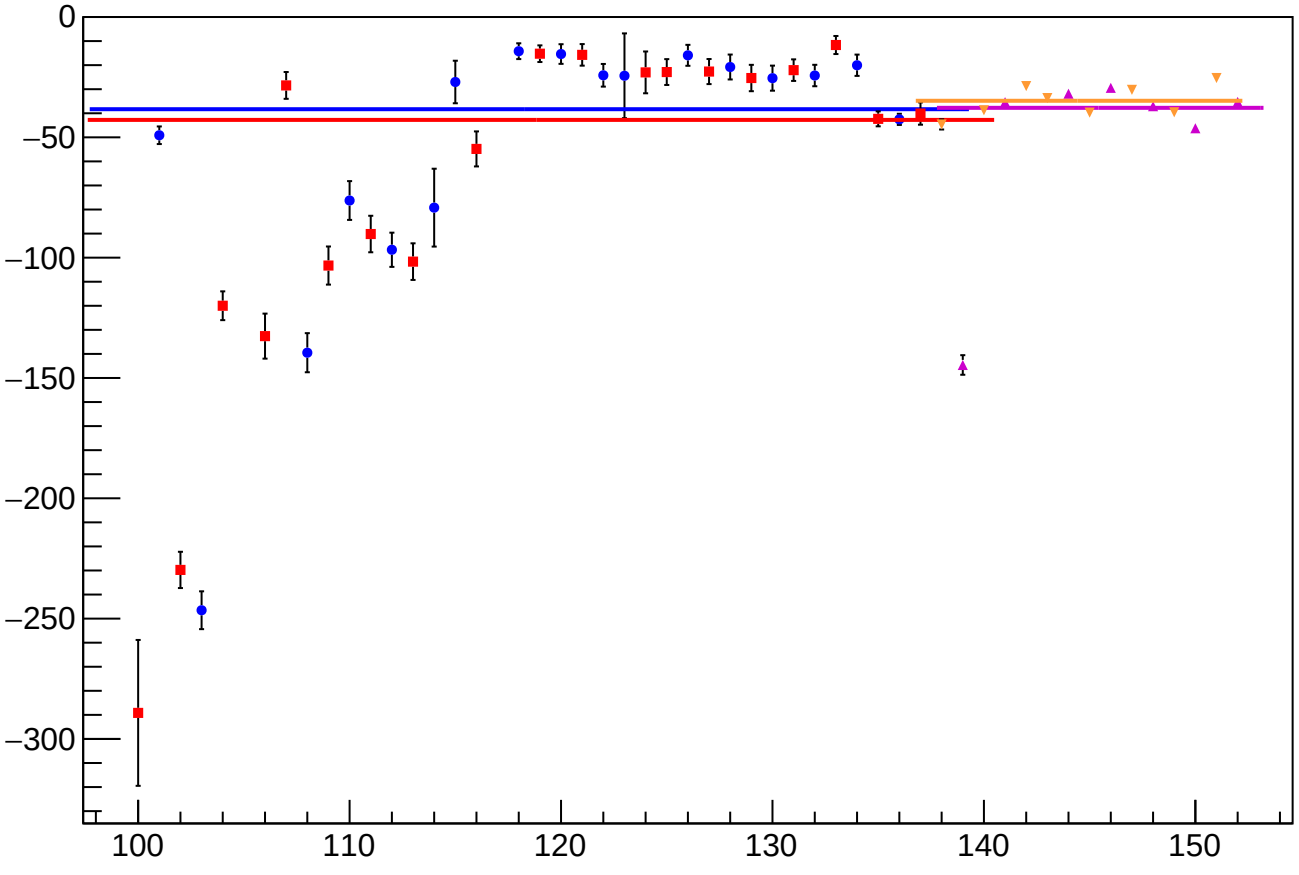
Left In: -42.900+/-0.872 χ^2/NDF:300.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -47.439+/-0.607 χ^2/NDF: 513.6/14

- 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: -34.807+/-0.592 χ^2/NDF:99.3/7

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

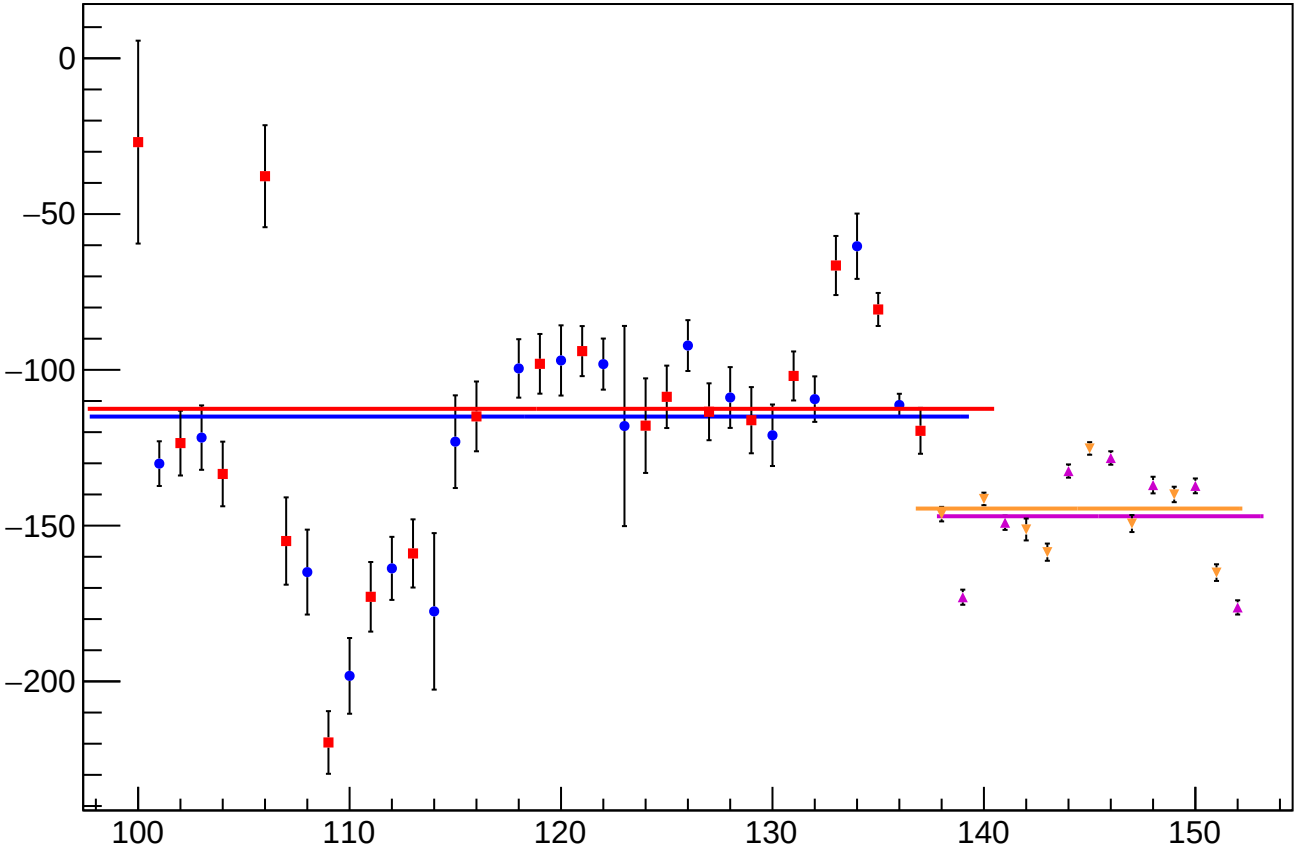
Left In: -37.740+/-0.612 χ^2/NDF:770.9/6

+ sign -35.554+/-0.525 χ^2/NDF: 1239.4/24

All: -37.094+/-0.379 χ^2/NDF: 3383.6/50

- sign -38.762+/-0.547 χ^2/NDF: 2126.2/25

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -144.522+/-0.869 χ^2/NDF:189.3/7

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

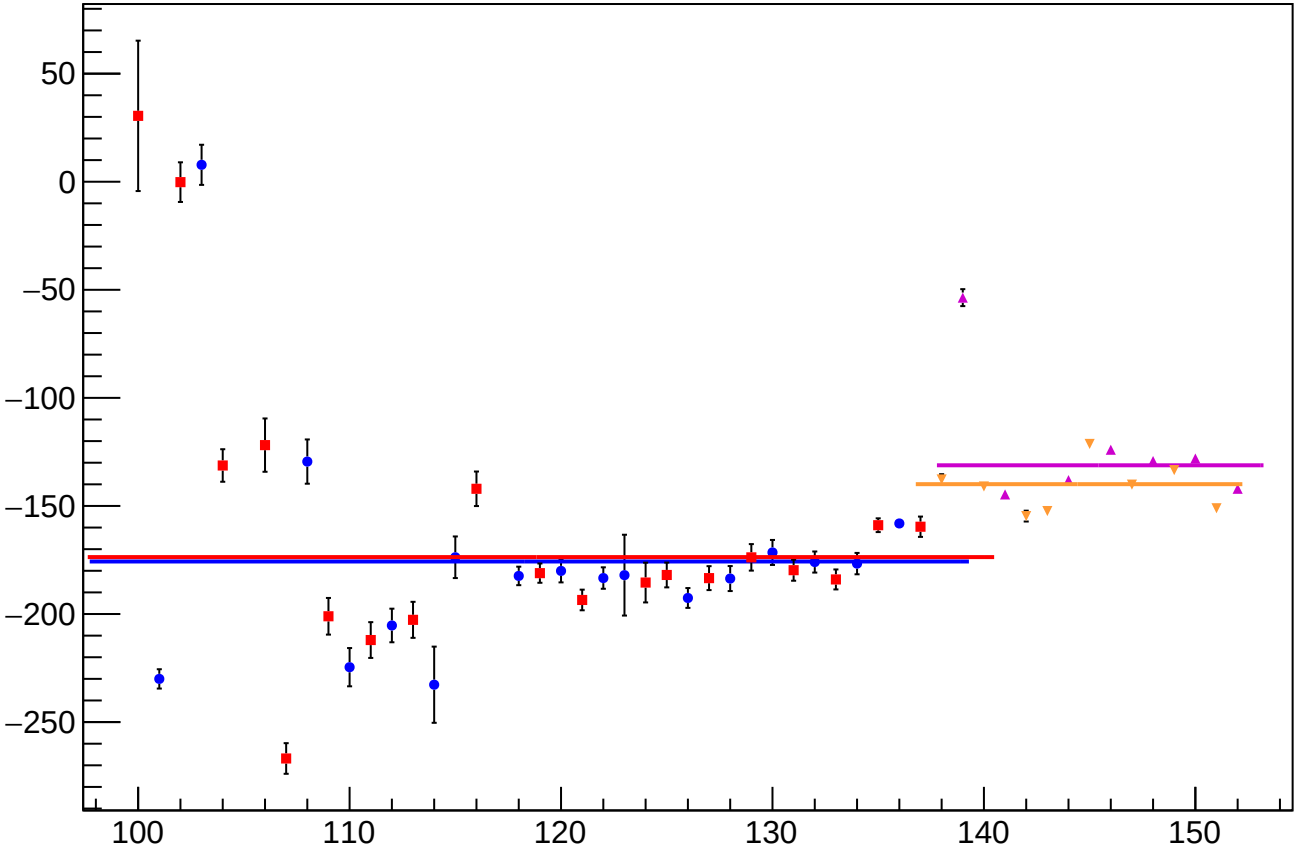
Left In: -146.992+/-0.877 χ^2/NDF:430.9/6

+ sign -140.108+/-0.801 χ^2/NDF: 503.7/24

All: -141.182+/-0.571 χ^2/NDF: 1422.2/50

- sign -142.292+/-0.815 χ^2/NDF: 914.9/25

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -139.925+/-0.728 χ^2/NDF:218.7/7

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

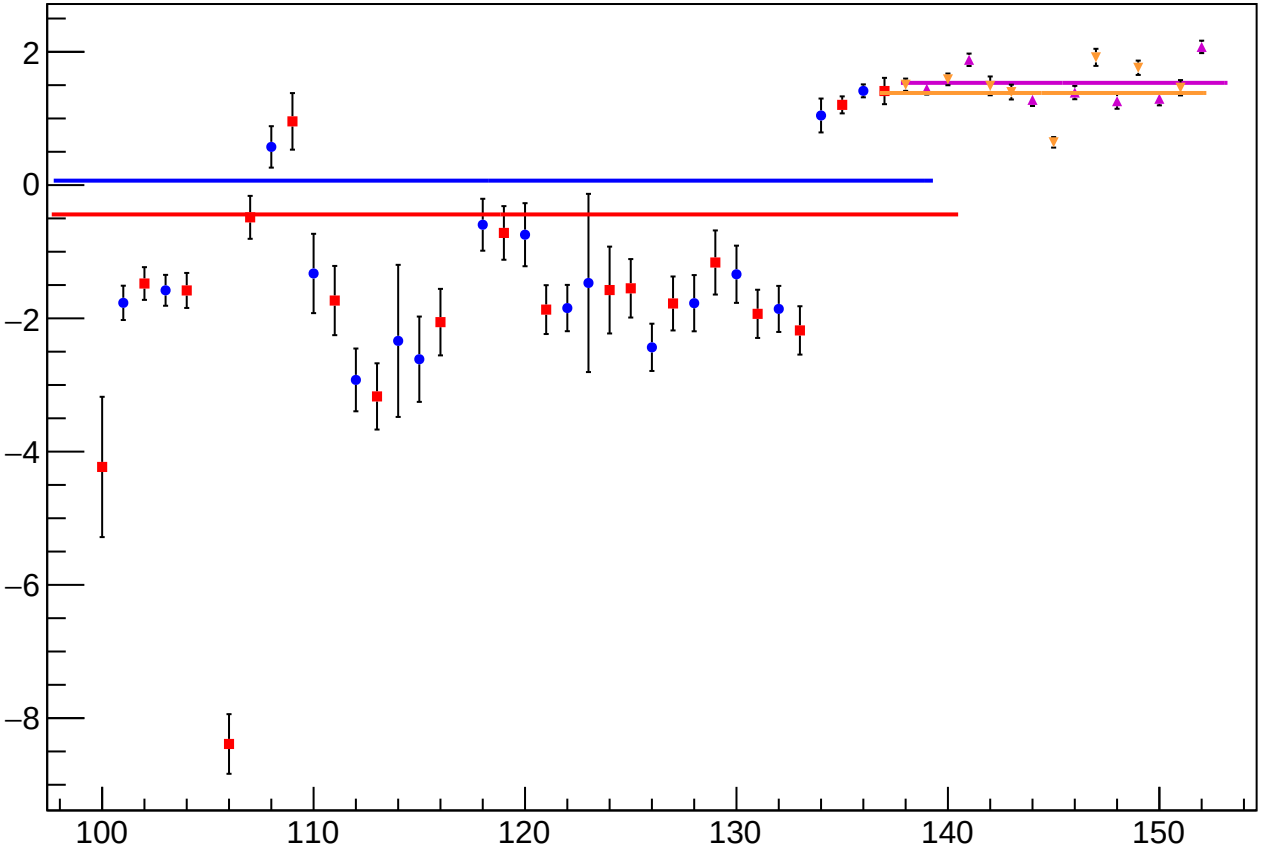
Left In: -131.193+/-0.750 χ^2/NDF:507.2/6

+ sign -148.795+/-0.631 χ^2/NDF: 1510.5/24

All: -145.115+/-0.455 χ^2/NDF: 3577.6/50

- sign -141.139+/-0.656 χ^2/NDF: 1996.4/25

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.383+/-0.036 χ^2/NDF:125.7/7

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

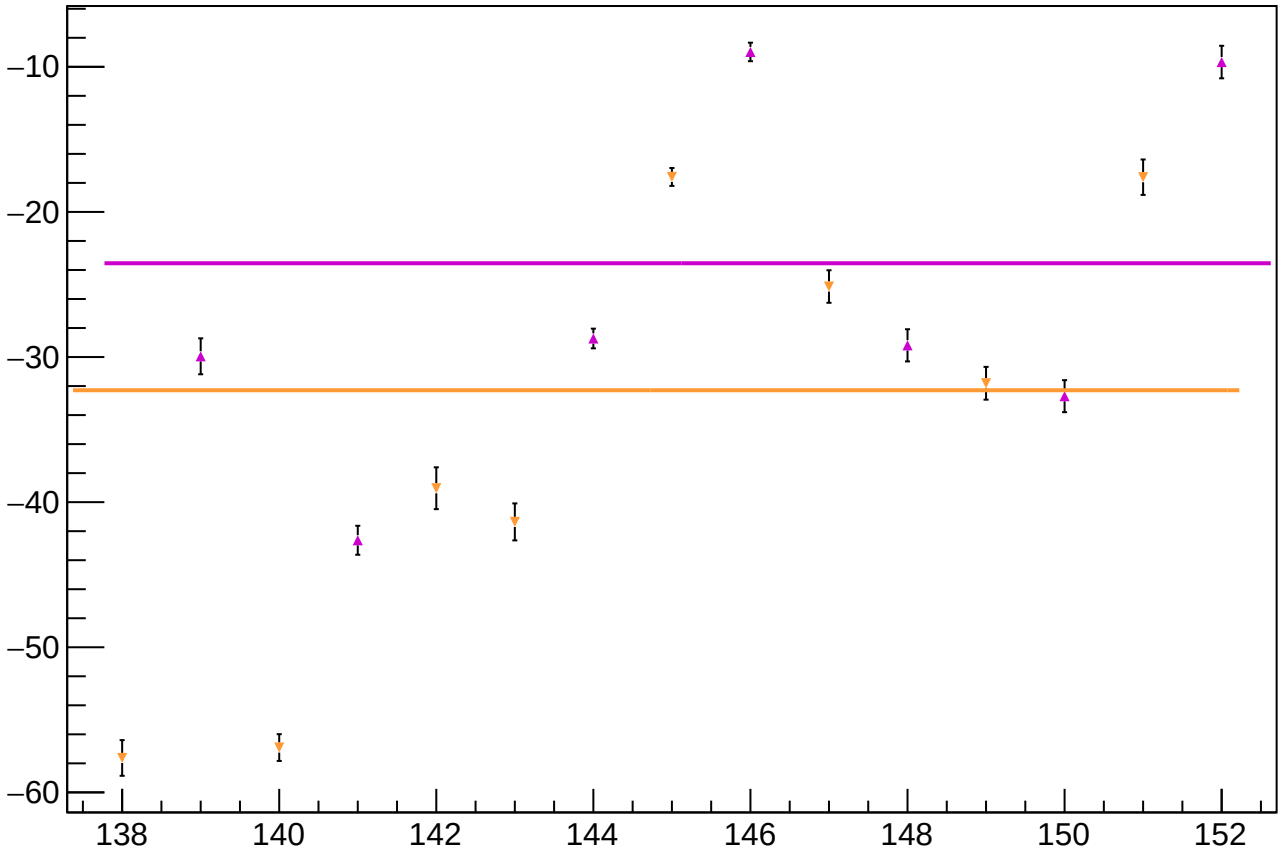
Left In: 1.535+/-0.036 χ^2/NDF:69.7/6

+ sign 1.084+/-0.032 χ^2/NDF: 950.3/24

All: 1.105+/-0.023 χ^2/NDF: 2387.8/50

- sign 1.127+/-0.032 χ^2/NDF: 1436.6/25

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.289+/-0.358 χ^2/NDF:1962.5/7

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

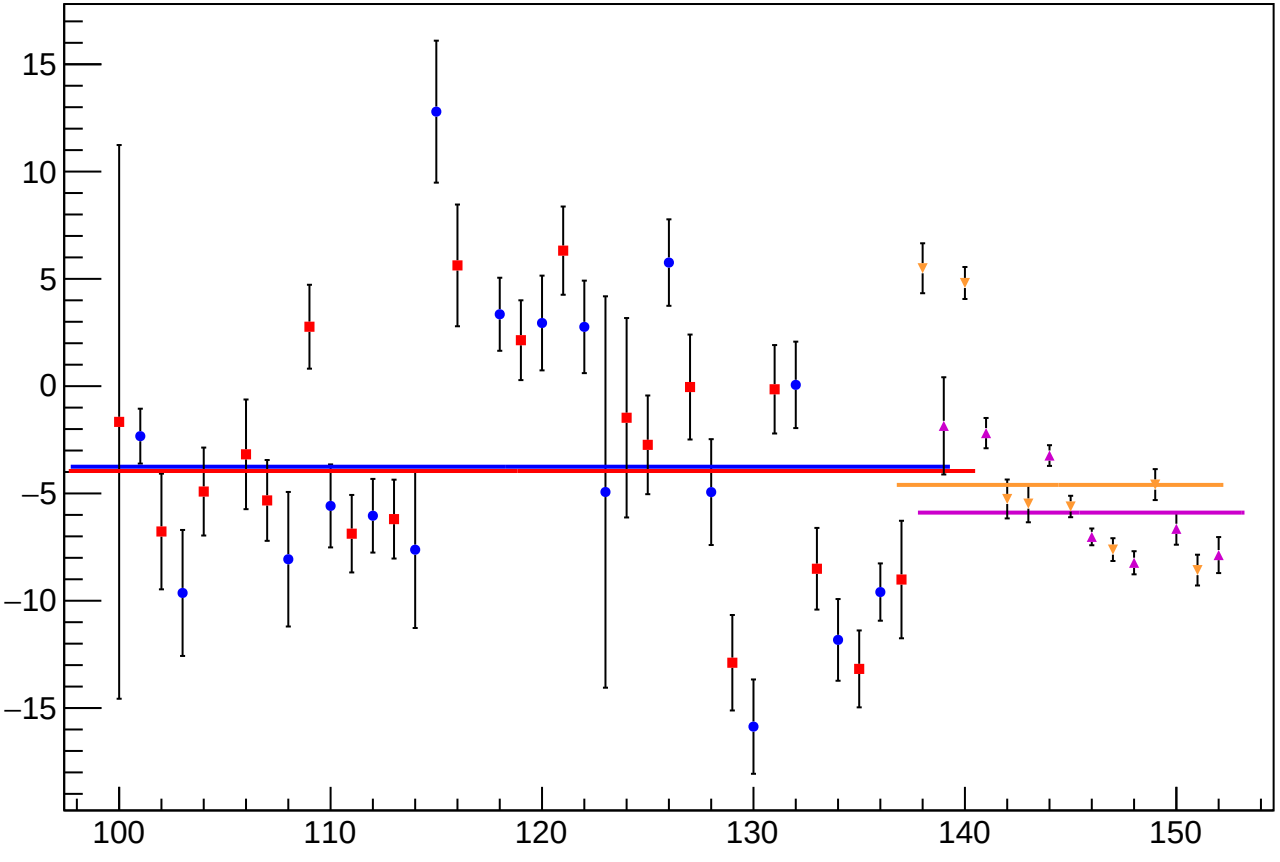
Left In: -23.536+/-0.339 χ^2/NDF:1219.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -27.673+/-0.246 χ^2/NDF: 3497.0/14

- 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: -4.602+/-0.246 χ^2/NDF:303.1/7

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

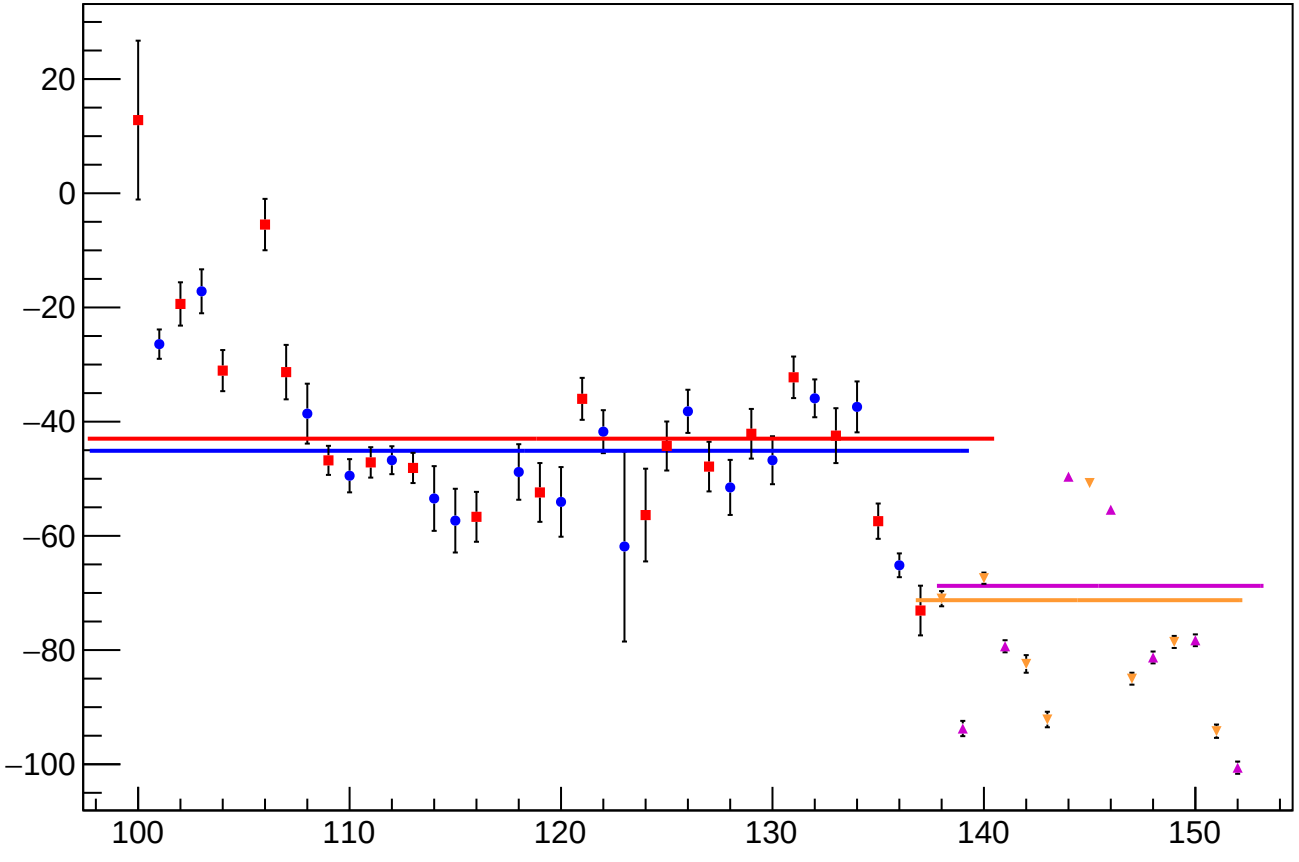
Left In: -5.893+/-0.225 χ^2/NDF:94.9/6

+ sign -4.434+/-0.220 χ^2/NDF: 470.8/24

All: -5.043+/-0.150 χ^2/NDF: 715.5/50

- sign -5.574+/-0.206 χ^2/NDF: 230.4/25

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -71.266+/-0.367 χ^2/NDF:1889.4/7

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

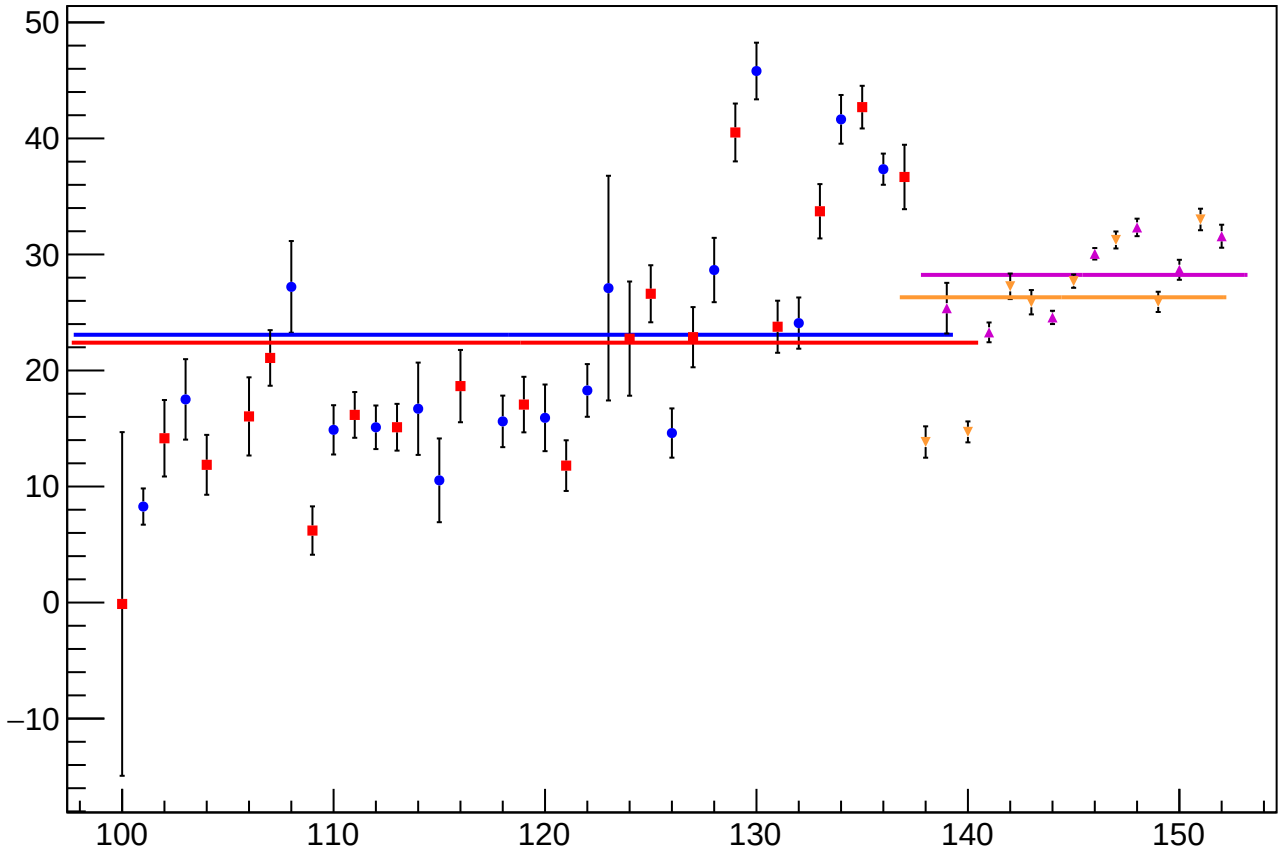
Left In: -68.754+/-0.338 χ^2/NDF:2724.7/6

+ sign -67.399+/-0.339 χ^2/NDF: 2871.2/24

All: -66.338+/-0.231 χ^2/NDF: 6614.4/50

- sign -65.416+/-0.316 χ^2/NDF: 3724.9/25

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 26.310+/-0.303 χ^2/NDF:355.0/7

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

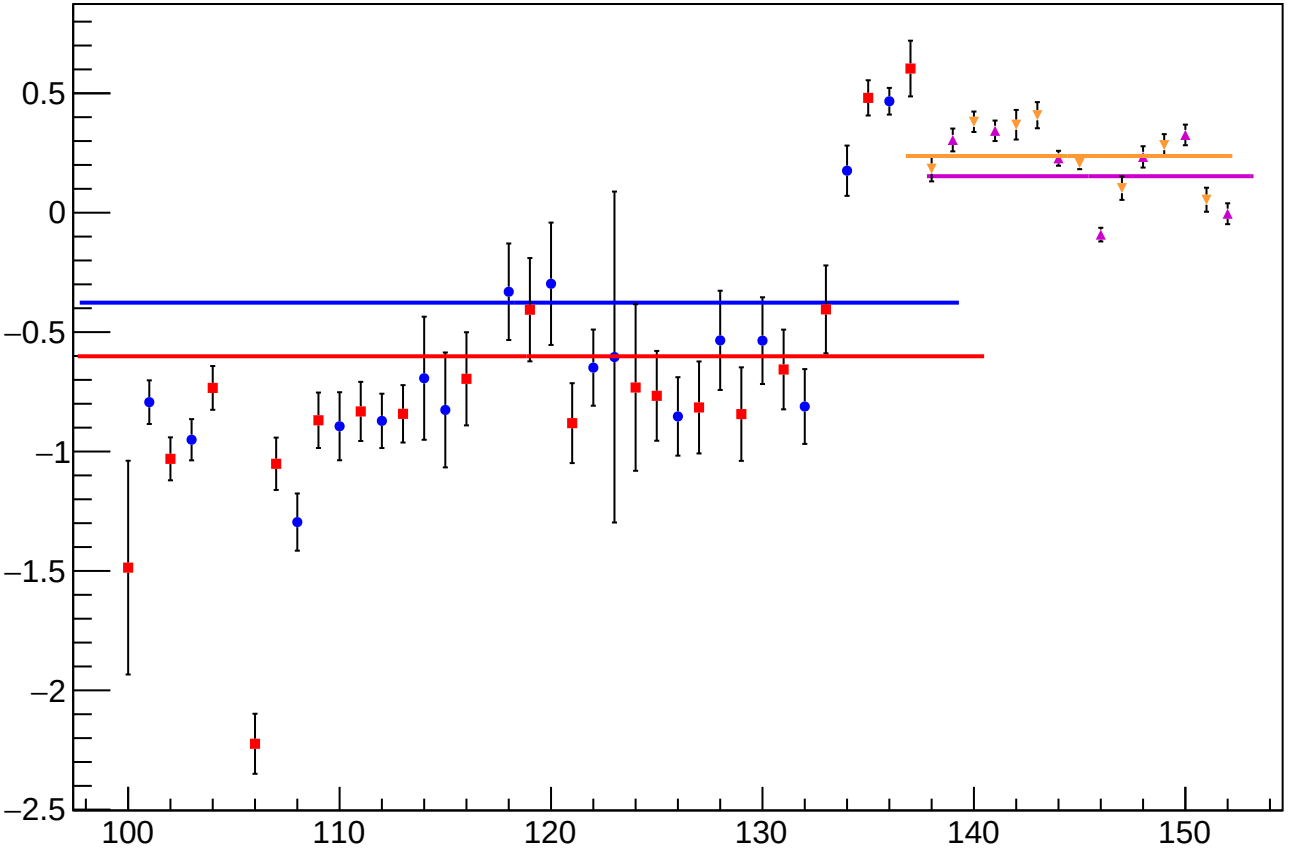
Left In: 28.239+/-0.279 χ^2/NDF:131.0/6

+ sign 25.568+/-0.266 χ^2/NDF: 842.1/24

All: 26.389+/-0.183 χ^2/NDF: 1445.5/50

- sign 27.117+/-0.251 χ^2/NDF: 585.4/25

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.237+/-0.015 χ^2/NDF:49.4/7

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

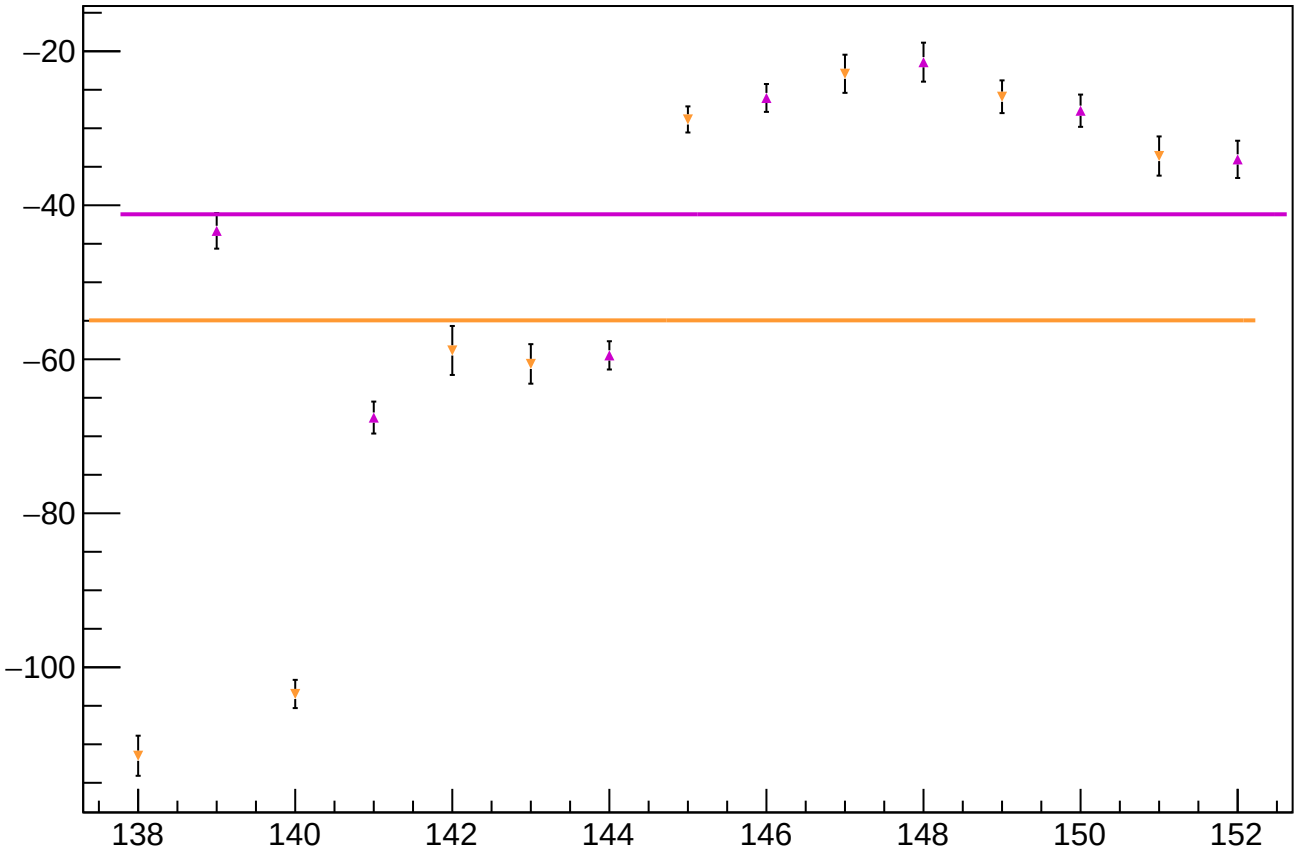
Left In: 0.153+/-0.014 χ^2/NDF:140.5/6

+ sign 0.111+/-0.014 χ^2/NDF: 818.0/24

All: 0.060+/-0.009 χ^2/NDF: 2049.7/50

- sign 0.012+/-0.013 χ^2/NDF: 1203.9/25

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -54.946+/-0.795 χ^2/NDF:1839.8/7

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

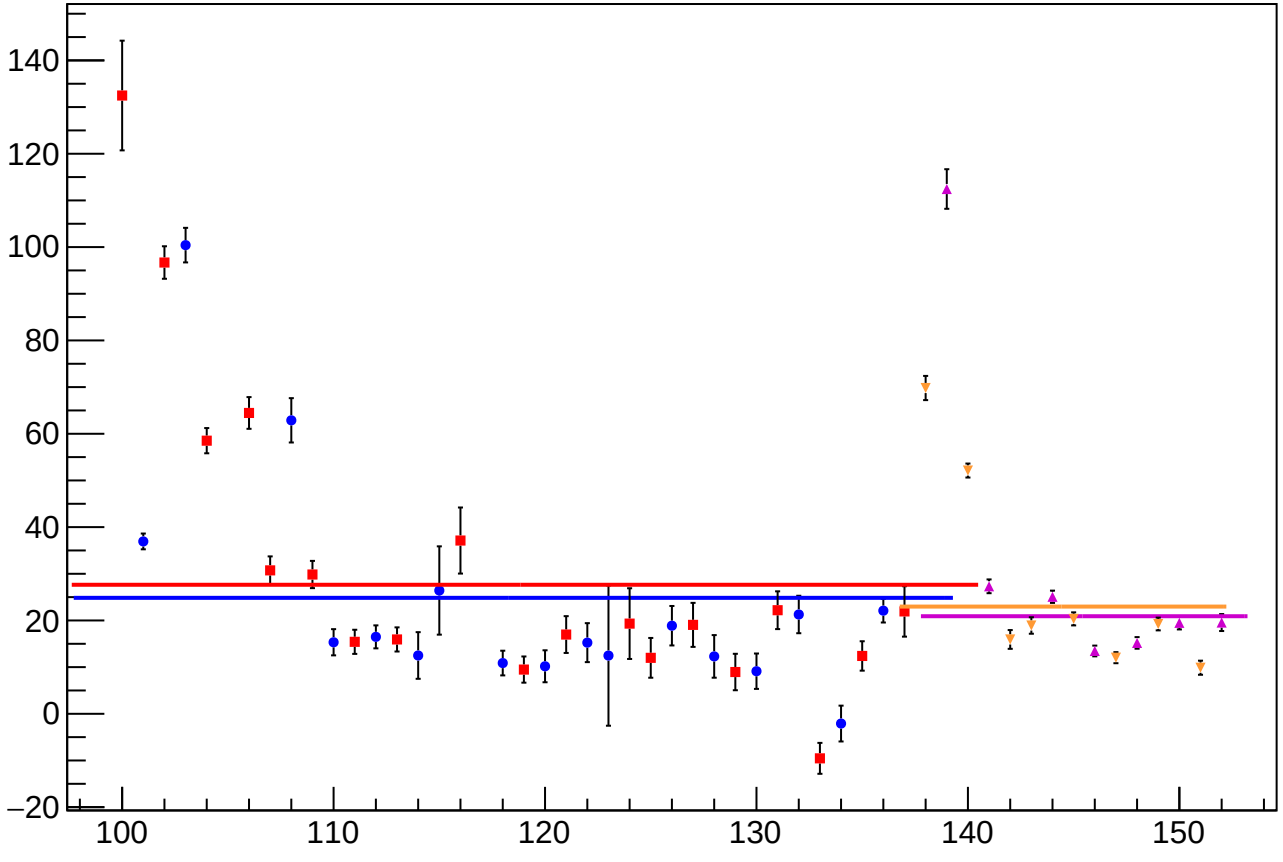
Left In: -41.171+/-0.796 χ^2/NDF:442.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -48.072+/-0.563 χ^2/NDF: 2432.6/14

- 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: 22.974+/-0.545 χ^2/NDF:893.4/7

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

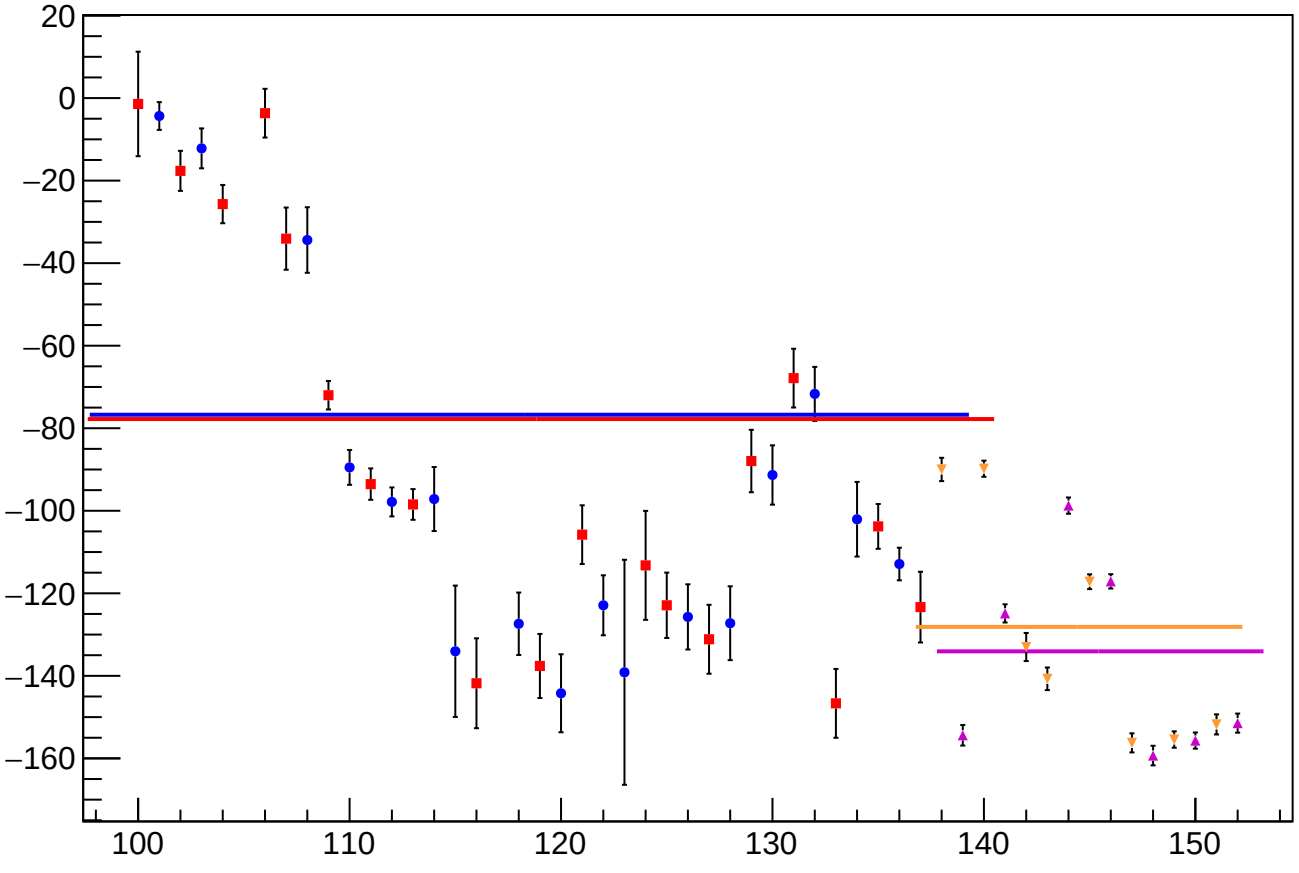
Left In: 20.908+/-0.551 χ^2/NDF:559.0/6

+ sign 23.568+/-0.451 χ^2/NDF: 1588.0/24

All: 23.305+/-0.320 χ^2/NDF: 3204.2/50

- sign 23.038+/-0.456 χ^2/NDF: 1615.5/25

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -128.142+/-0.809 χ^2/NDF:1059.3/7

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

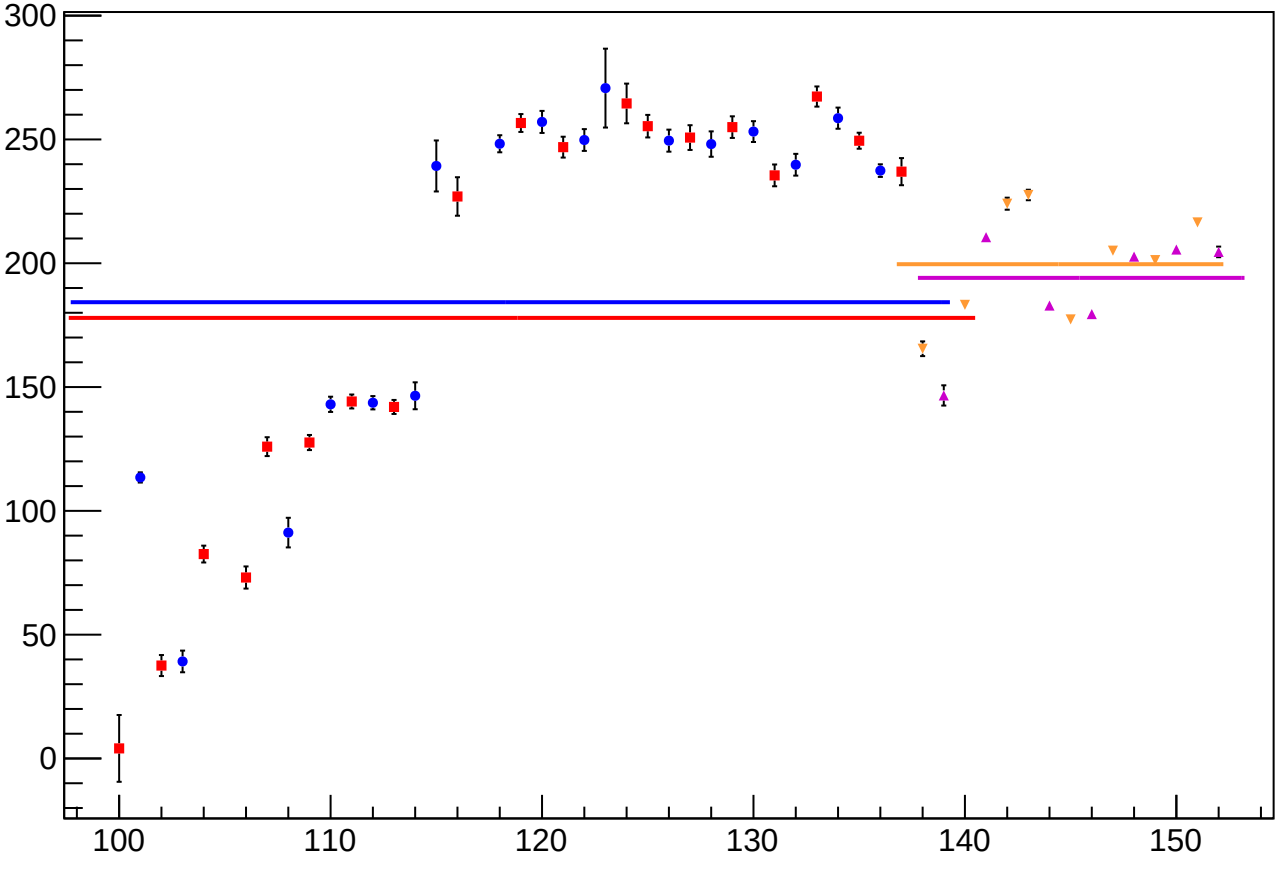
Left In: -134.064+/-0.796 χ^2/NDF:792.8/6

+ sign -115.440+/-0.702 χ^2/NDF: 3099.3/24

All: -117.563+/-0.491 χ^2/NDF: 6068.9/50

- sign -119.588+/-0.686 χ^2/NDF: 2951.8/25

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 199.616+/-0.672 χ^2/NDF:769.9/7

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

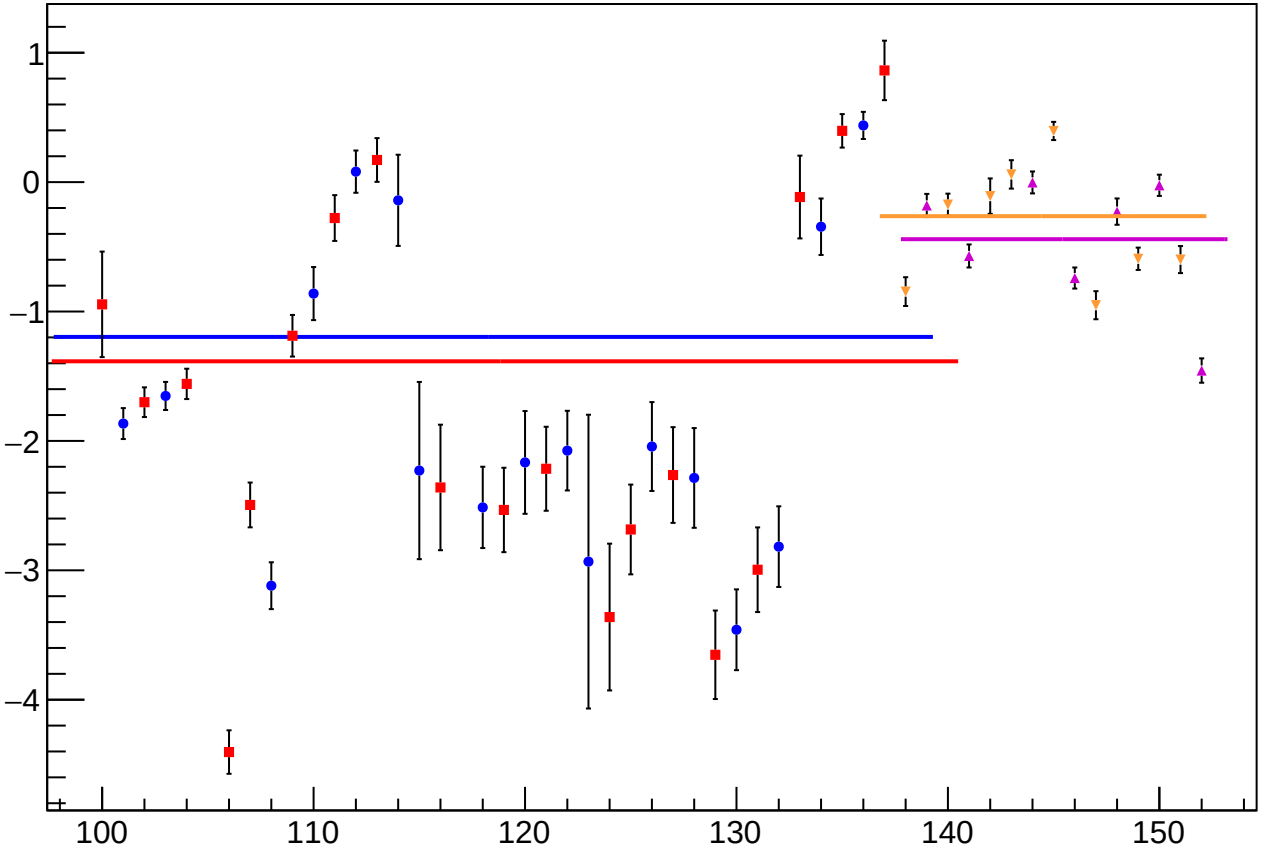
Left In: 194.092+/-0.674 χ^2/NDF:473.5/6

+ sign 194.226+/-0.542 χ^2/NDF: 6353.8/24

All: 191.368+/-0.384 χ^2/NDF: 13414.0/50

- sign 188.480+/-0.544 χ^2/NDF: 7004.2/25

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.263+/-0.034 χ^2/NDF:191.3/7

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

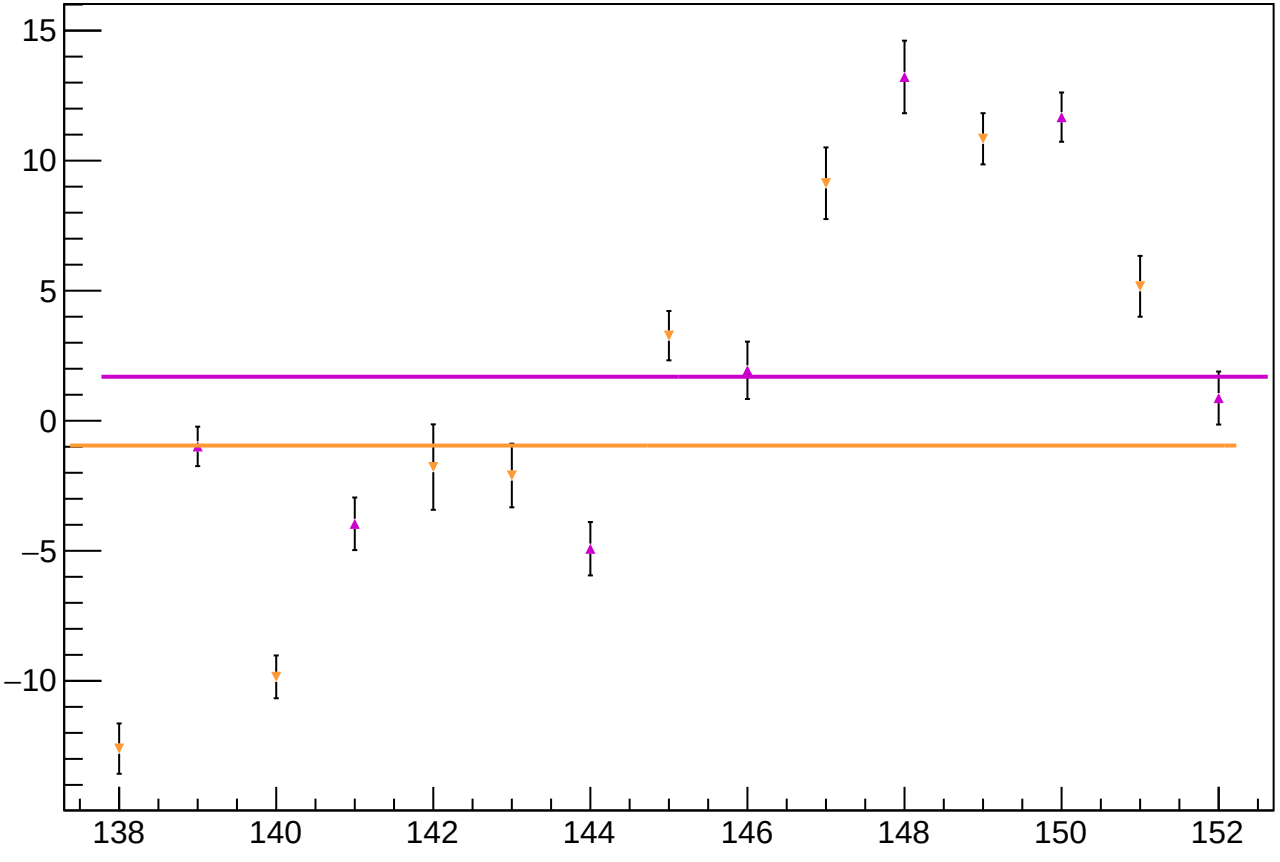
Left In: -0.441+/-0.033 χ^2/NDF:197.4/6

+ sign -0.573+/-0.028 χ^2/NDF: 1066.0/24

All: -0.673+/-0.019 χ^2/NDF: 2491.0/50

- sign -0.768+/-0.027 χ^2/NDF: 1399.5/25

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -0.952+/-0.378 χ^2/NDF:507.4/7

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

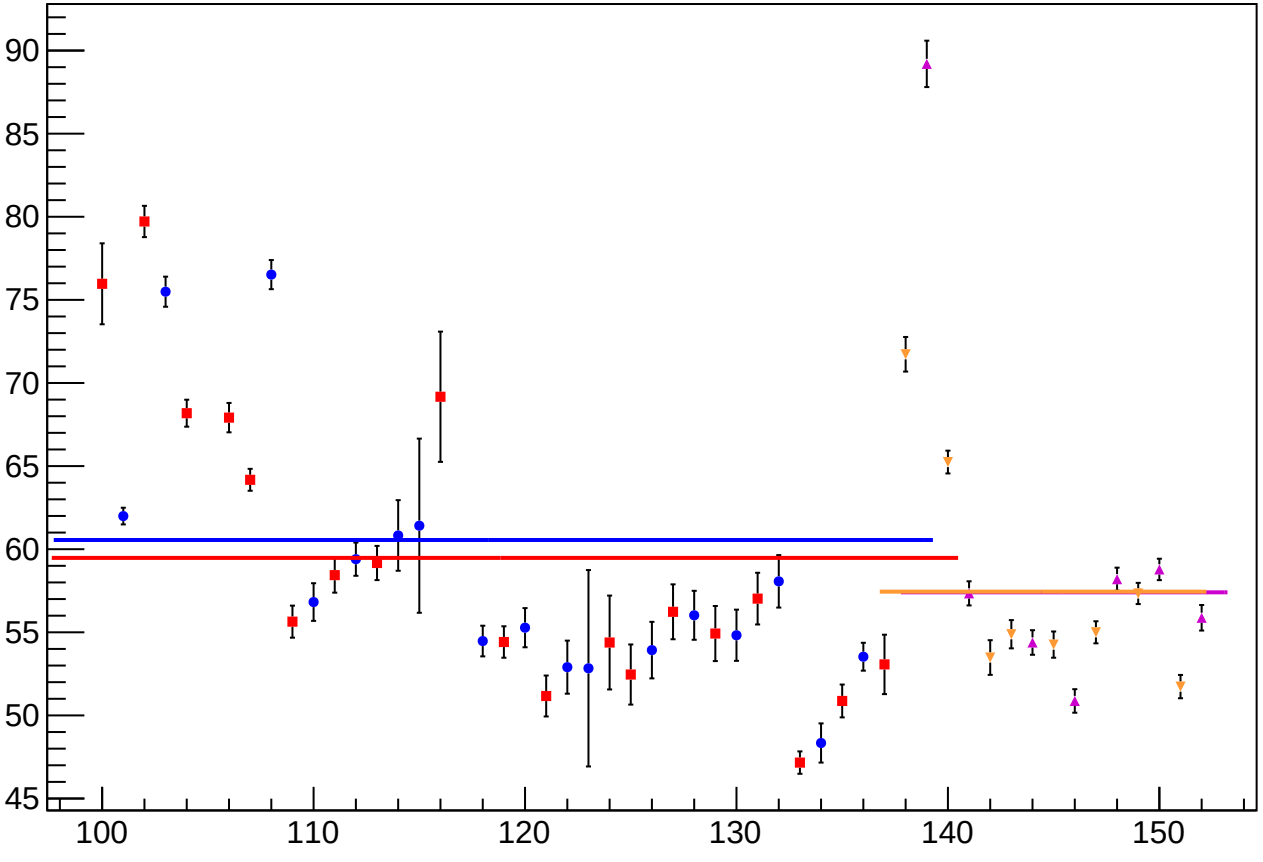
Left In: 1.692+/-0.376 χ^2/NDF:265.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.379+/-0.267 χ^2/NDF: 797.2/14

- 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: 57.446+/-0.270 χ^2/NDF:436.9/7

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

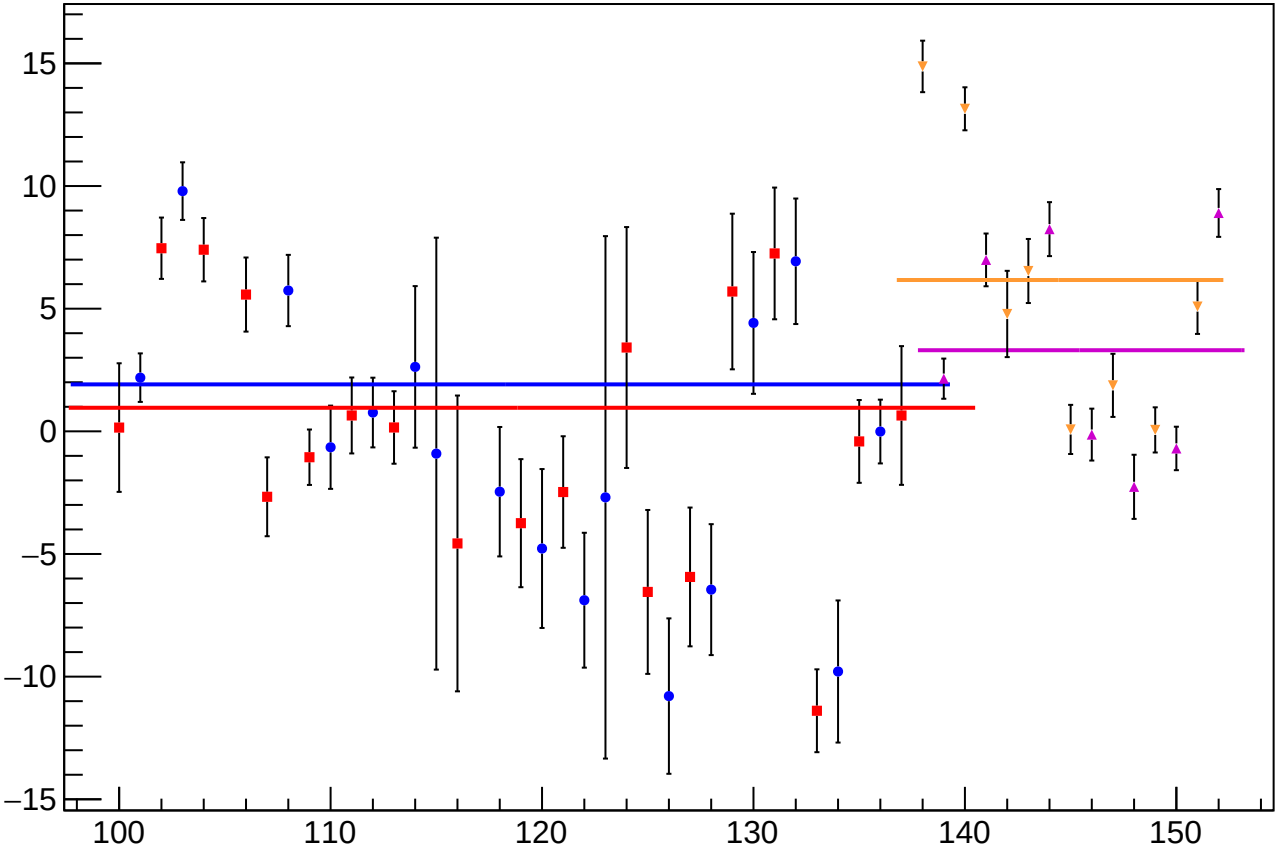
Left In: 57.405+/-0.284 χ^2/NDF:630.4/6

+ sign 59.049+/-0.188 χ^2/NDF: 1436.0/24

All: 58.813+/-0.132 χ^2/NDF: 3416.8/50

- sign 58.580+/-0.187 χ^2/NDF: 1977.6/25

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 6.169+/-0.386 χ^2/NDF:226.0/7

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

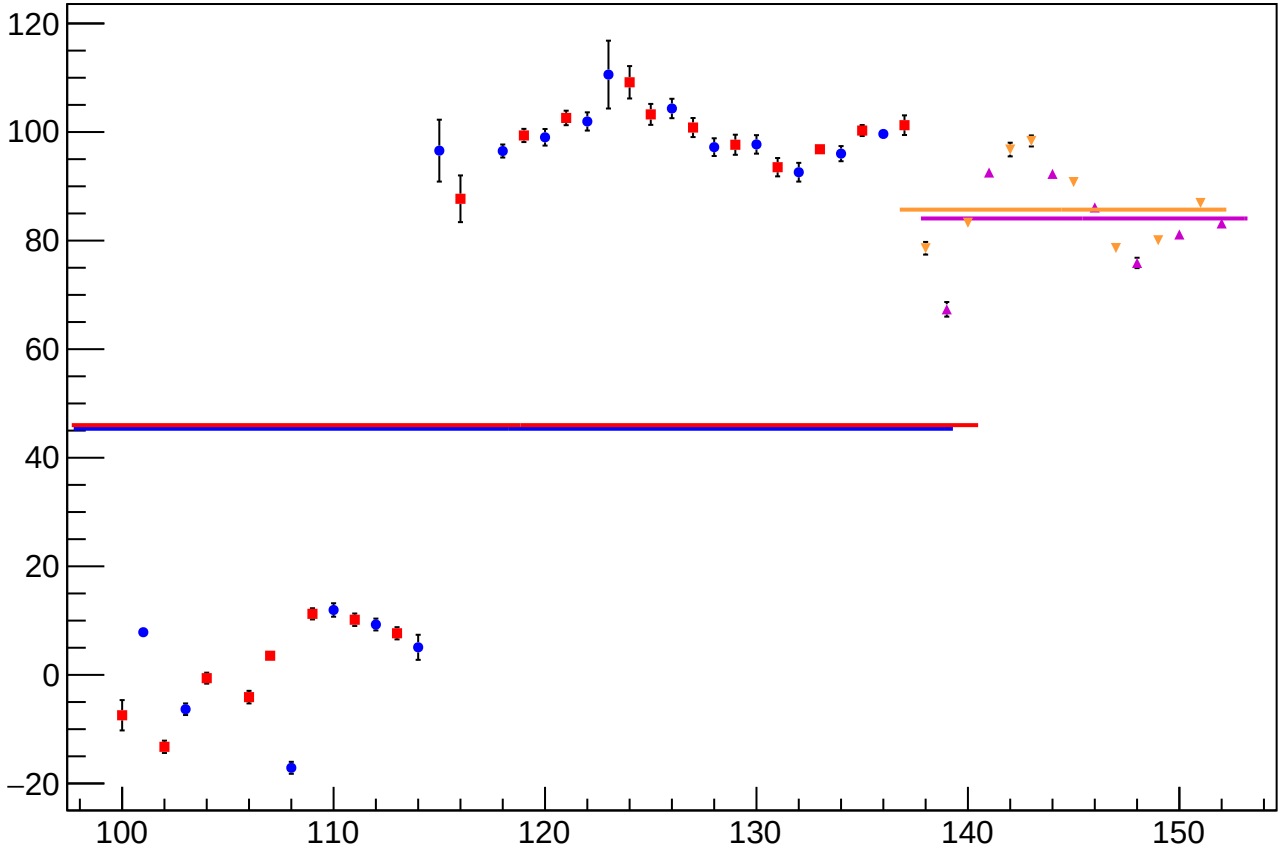
Left In: 3.307+/-0.378 χ^2/NDF:116.0/6

+ sign 4.399+/-0.295 χ^2/NDF: 398.1/24

All: 3.286+/-0.204 χ^2/NDF: 707.8/50

- sign 2.267+/-0.282 χ^2/NDF: 282.5/25

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 85.709+/-0.330 χ^2/NDF:426.0/7

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

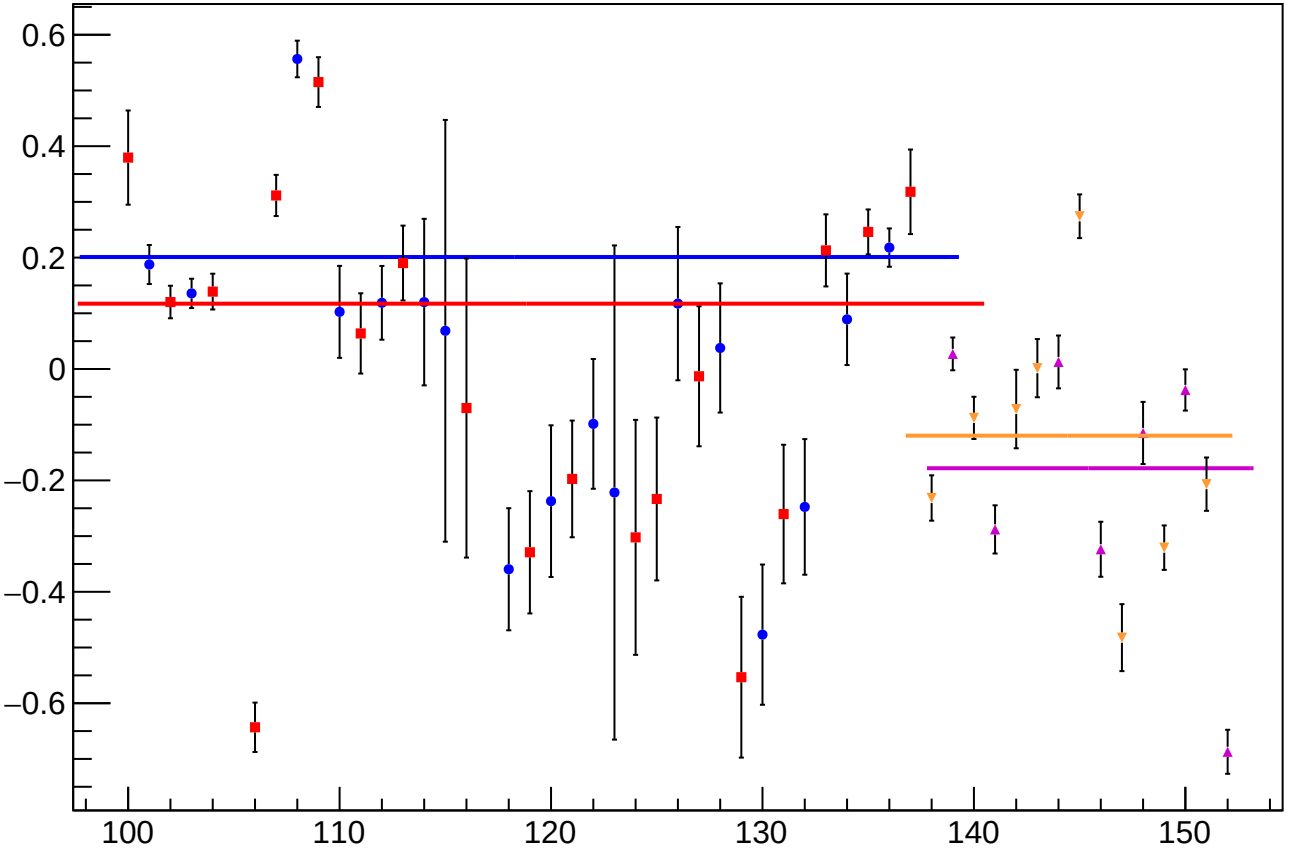
Left In: 84.078+/-0.341 χ^2/NDF:433.2/6

+ sign 63.839+/-0.223 χ^2/NDF: 33616.0/24

All: 62.892+/-0.157 χ^2/NDF: 69556.0/50

- sign 61.966+/-0.221 χ^2/NDF: 35904.4/25

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.120+/-0.016 χ^2/NDF:179.9/7

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

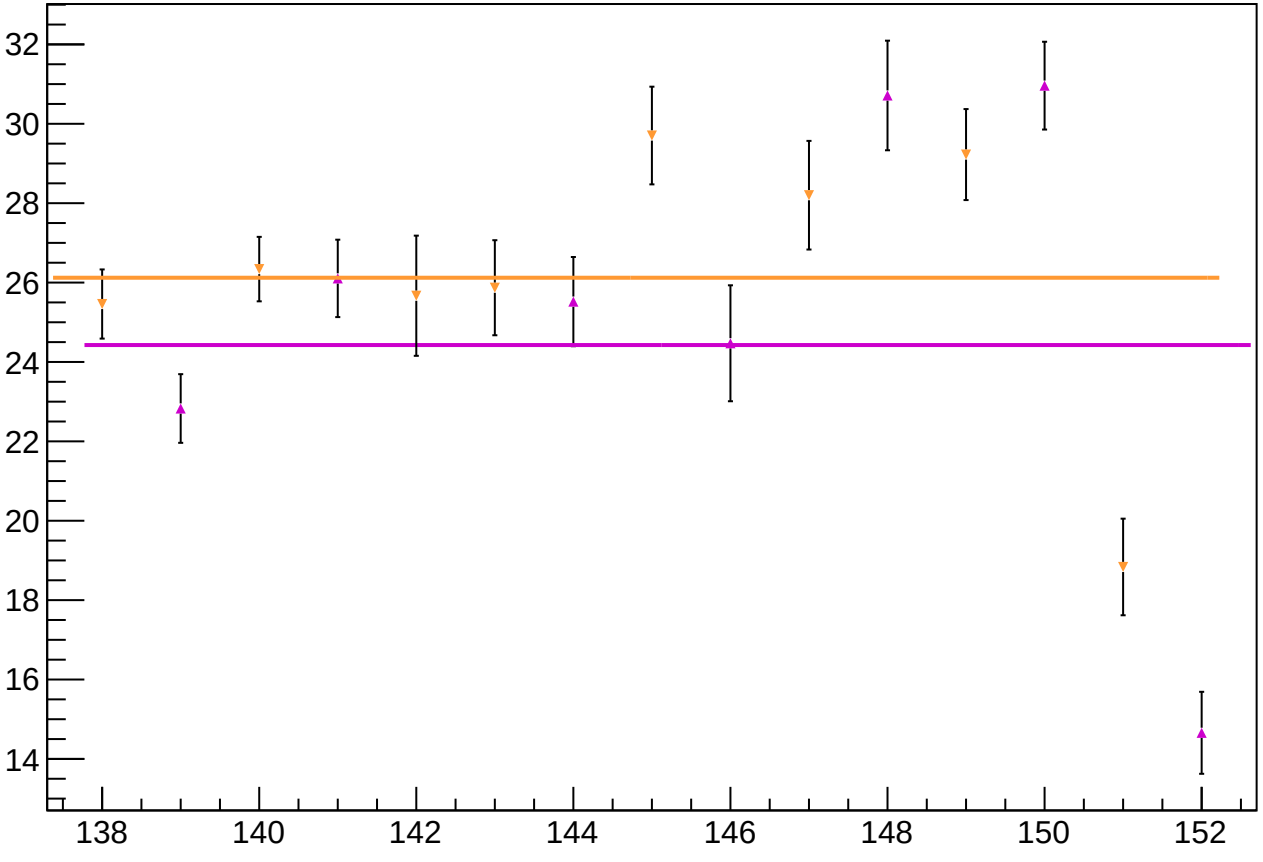
Left In: -0.178+/-0.015 χ^2/NDF:261.8/6

+ sign 0.063+/-0.011 χ^2/NDF: 623.2/24

All: 0.026+/-0.007 χ^2/NDF: 1622.8/50

- sign -0.006+/-0.010 χ^2/NDF: 977.1/25

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 26.122+/-0.389 χ^2/NDF:54.8/7

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

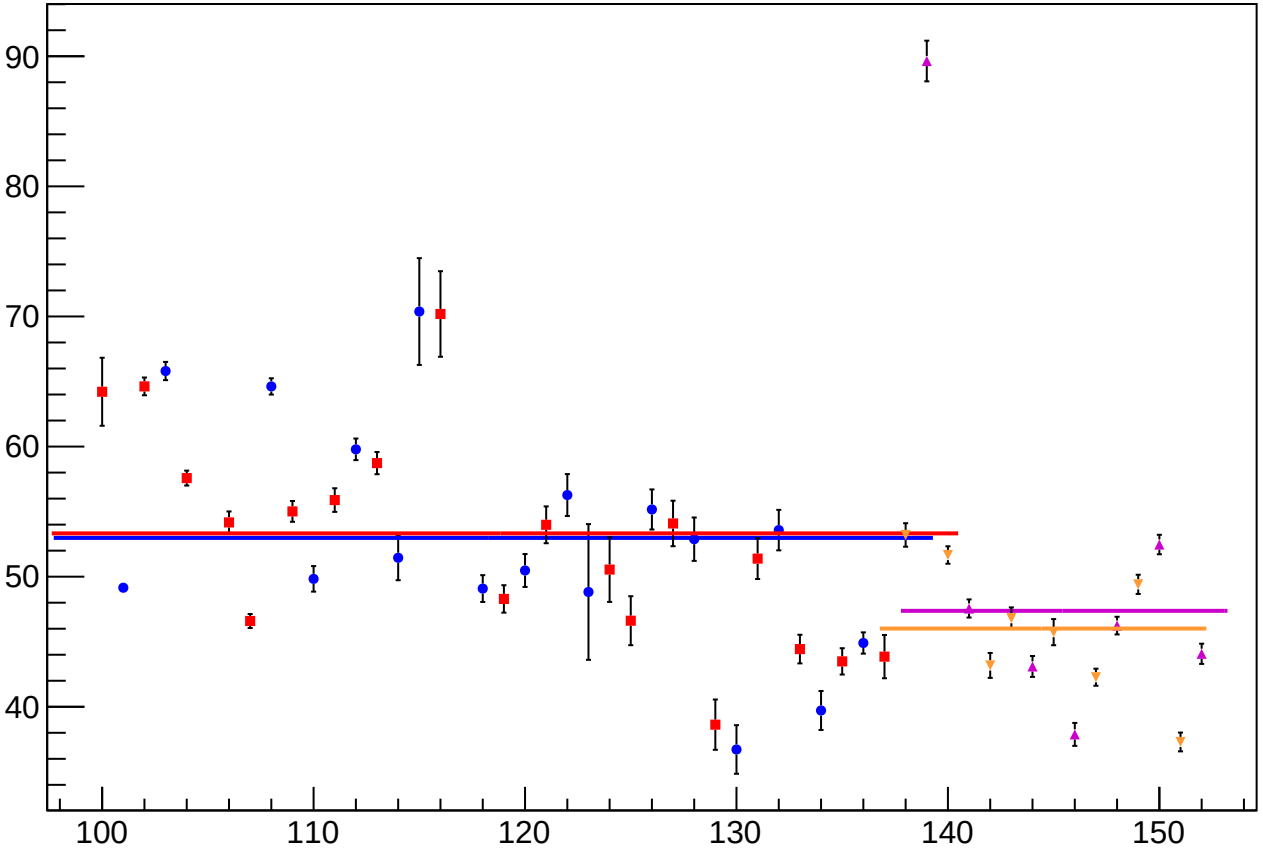
Left In: 24.426+/-0.411 χ^2/NDF:152.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 25.319+/-0.283 χ^2/NDF: 216.2/14

- 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: 46.013+/-0.277 χ^2/NDF:344.0/7

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

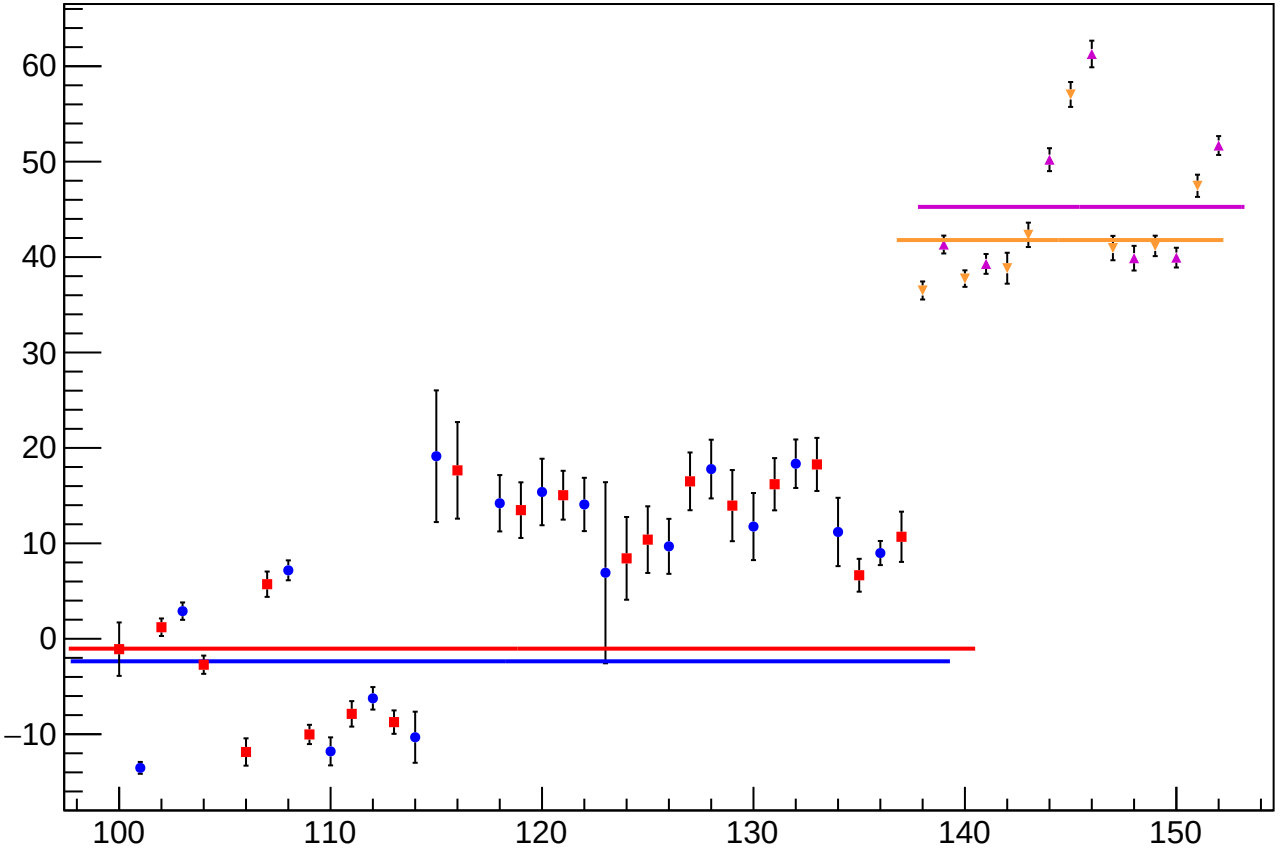
Left In: 47.374+/-0.303 χ^2/NDF:942.3/6

+ sign 50.430+/-0.167 χ^2/NDF: 1944.1/24

All: 50.779+/-0.123 χ^2/NDF: 4016.5/50

- sign 51.188+/-0.181 χ^2/NDF: 2062.9/25

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 41.784+/-0.400 χ^2/NDF:217.9/7

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

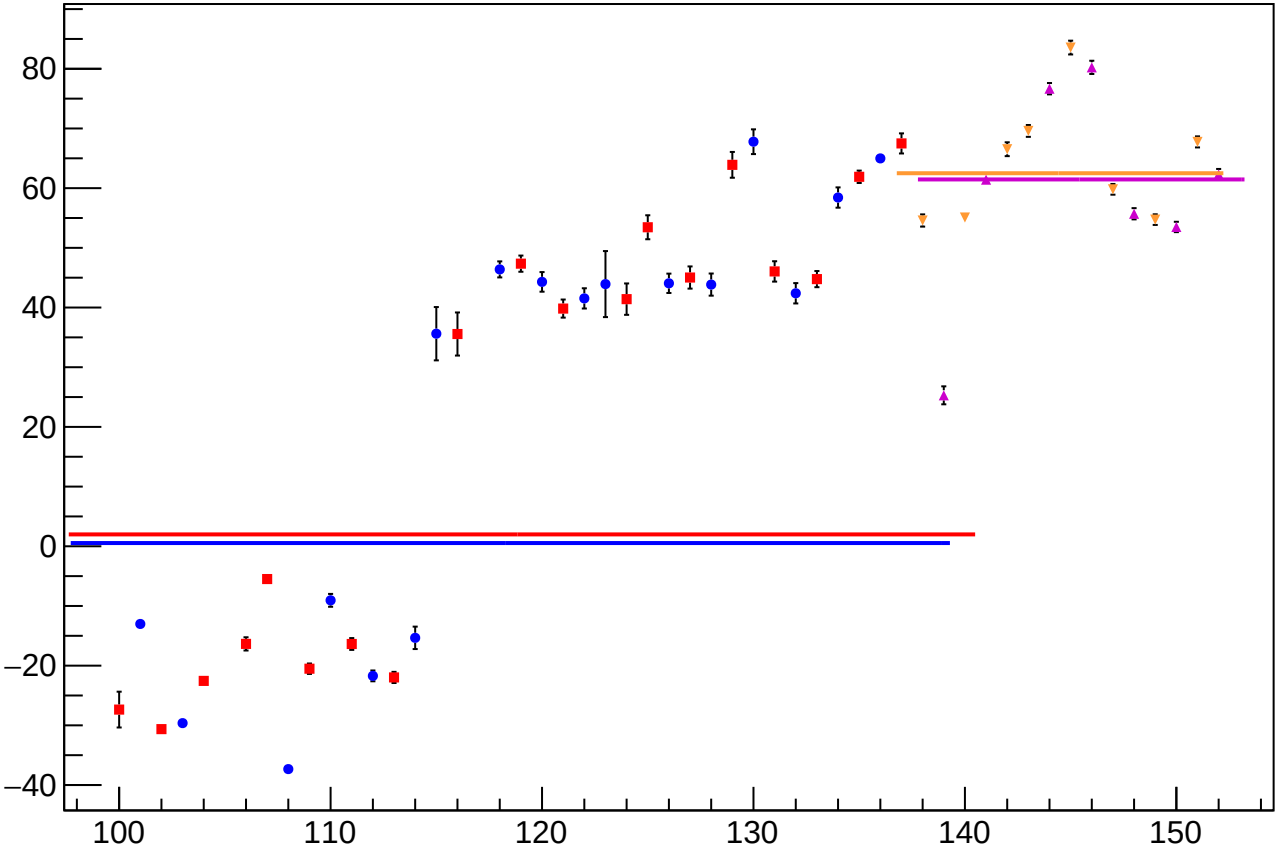
Left In: 45.260+/-0.414 χ^2/NDF:285.8/6

+ sign 17.638+/-0.269 χ^2/NDF: 7728.7/24

All: 18.750+/-0.194 χ^2/NDF: 15394.2/50

- sign 19.944+/-0.279 χ^2/NDF: 7630.1/25

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 62.501+/-0.340 χ^2/NDF:656.3/7

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

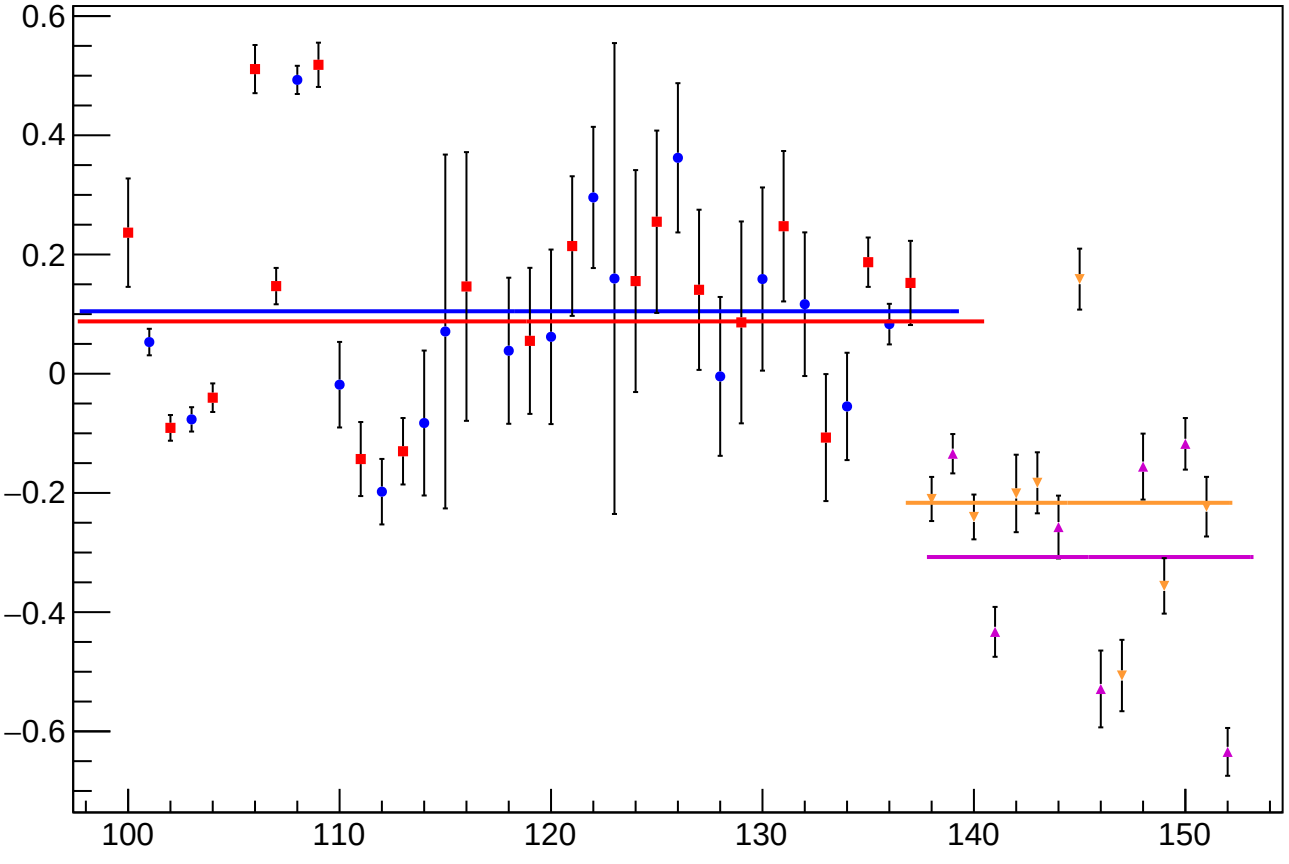
Left In: 61.460+/-0.367 χ^2/NDF:1241.6/6

+ sign 21.926+/-0.200 χ^2/NDF: 40850.3/24

All: 22.206+/-0.146 χ^2/NDF: 74772.2/50

- sign 22.533+/-0.216 χ^2/NDF: 33917.6/25

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.217+/-0.017 χ^2/NDF:87.2/7

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

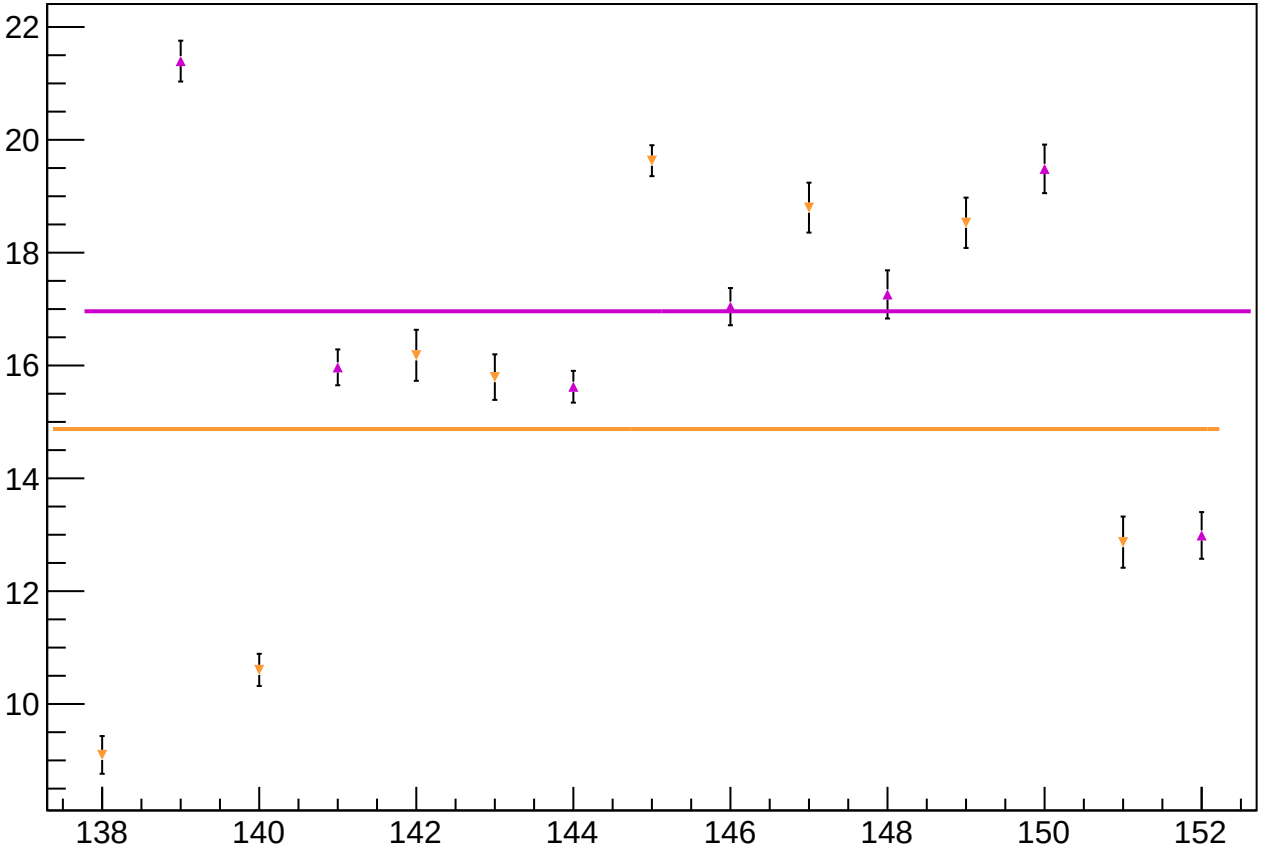
Left In: -0.308+/-0.017 χ^2/NDF:142.4/6

+ sign 0.007+/-0.009 χ^2/NDF: 745.4/24

All: -0.012+/-0.007 χ^2/NDF: 1677.2/50

- sign -0.032+/-0.009 χ^2/NDF: 922.9/25

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 14.874+/-0.129 χ^2/NDF:1002.0/7

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

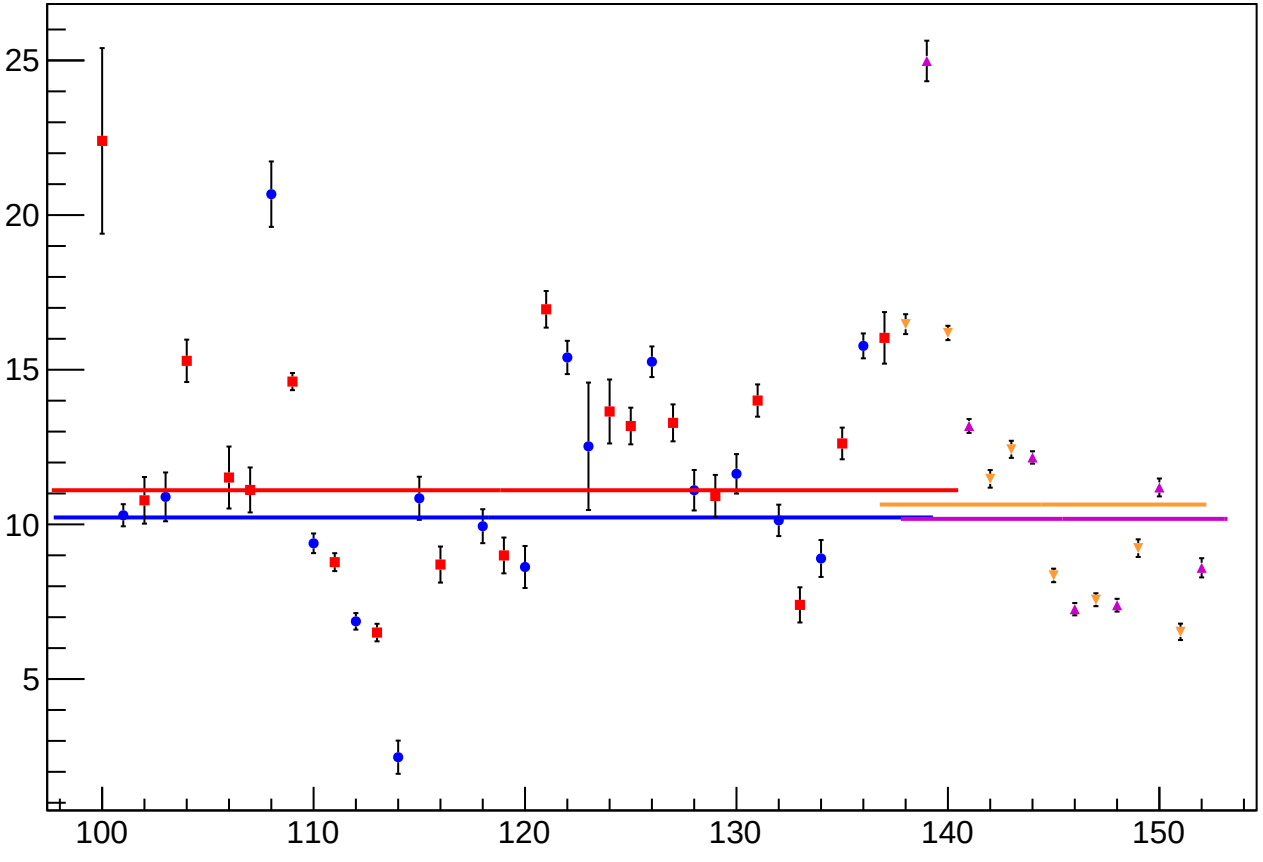
Left In: 16.961+/-0.134 χ^2/NDF:309.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 15.877+/-0.093 χ^2/NDF: 1438.2/14

- 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: 10.642+/-0.090 χ^2/NDF:1543.1/7

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

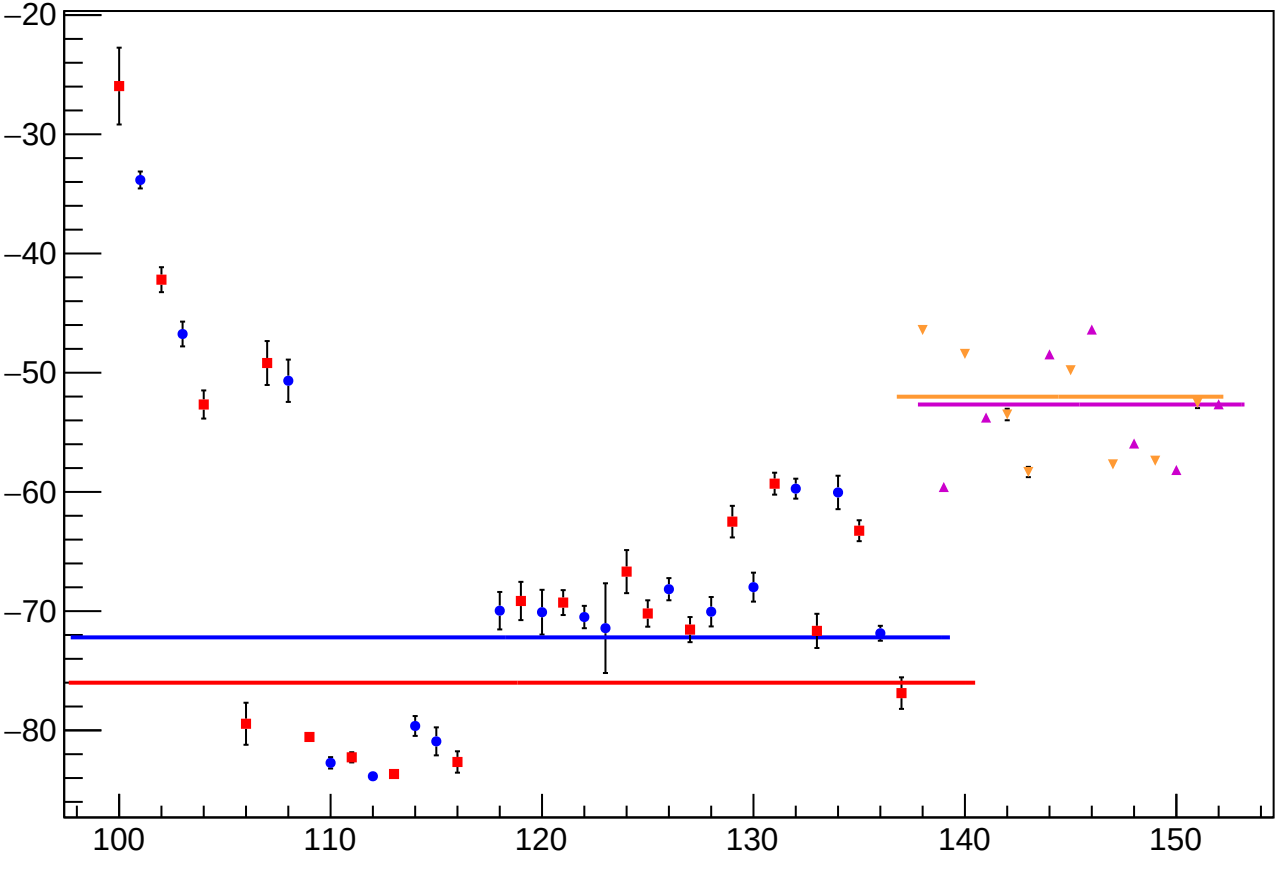
Left In: 10.179+/-0.092 χ^2/NDF:1219.6/6

+ sign 10.490+/-0.072 χ^2/NDF: 2428.6/24

All: 10.513+/-0.051 χ^2/NDF: 4504.4/50

- sign 10.536+/-0.072 χ^2/NDF: 2075.6/25

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -52.011+/-0.133 χ^2/NDF:1015.5/7

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

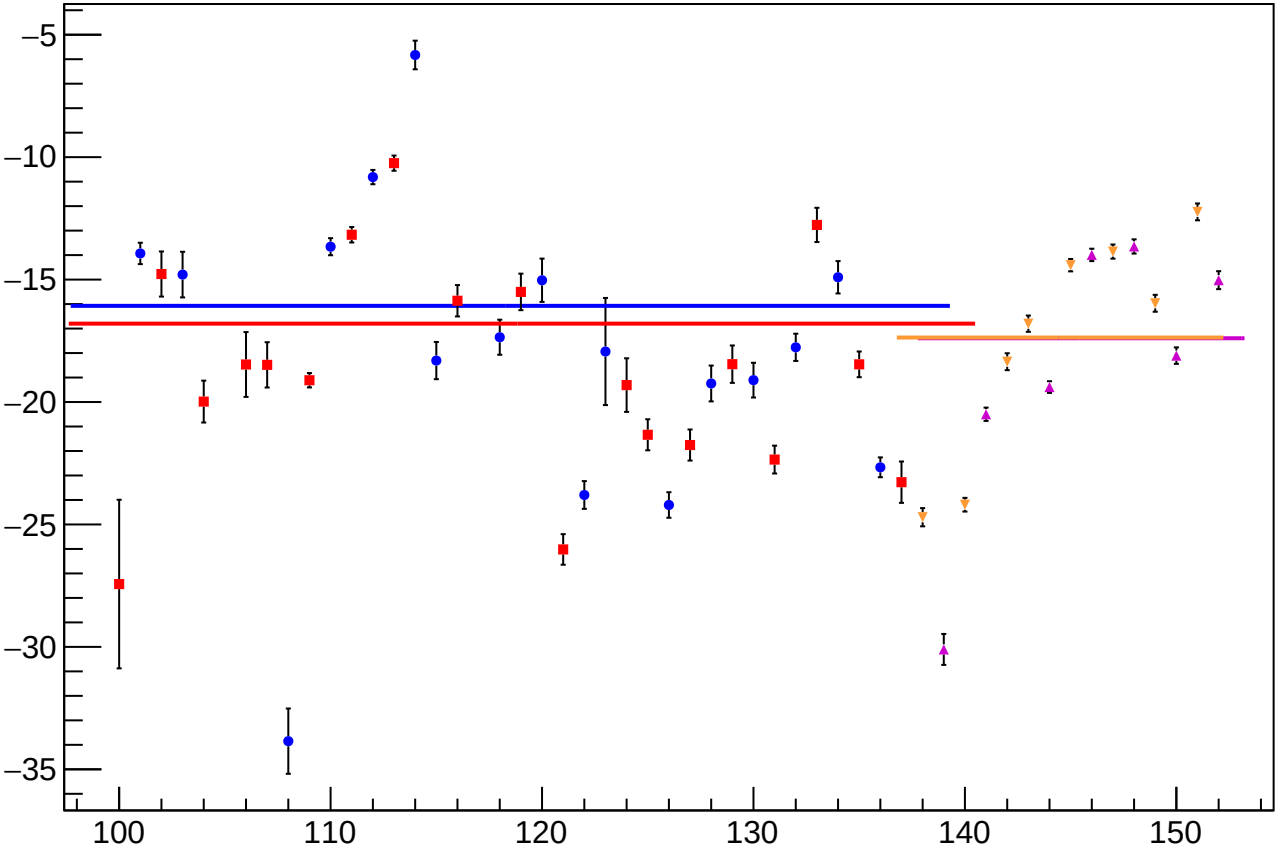
Left In: -52.667+/-0.135 χ^2/NDF:1164.3/6

+ sign -58.291+/-0.110 χ^2/NDF: 13768.3/24

All: -59.671+/-0.077 χ^2/NDF: 29401.3/50

- sign -60.998+/-0.108 χ^2/NDF: 15325.7/25

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -17.366+/-0.111 χ^2/NDF:1516.3/7

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

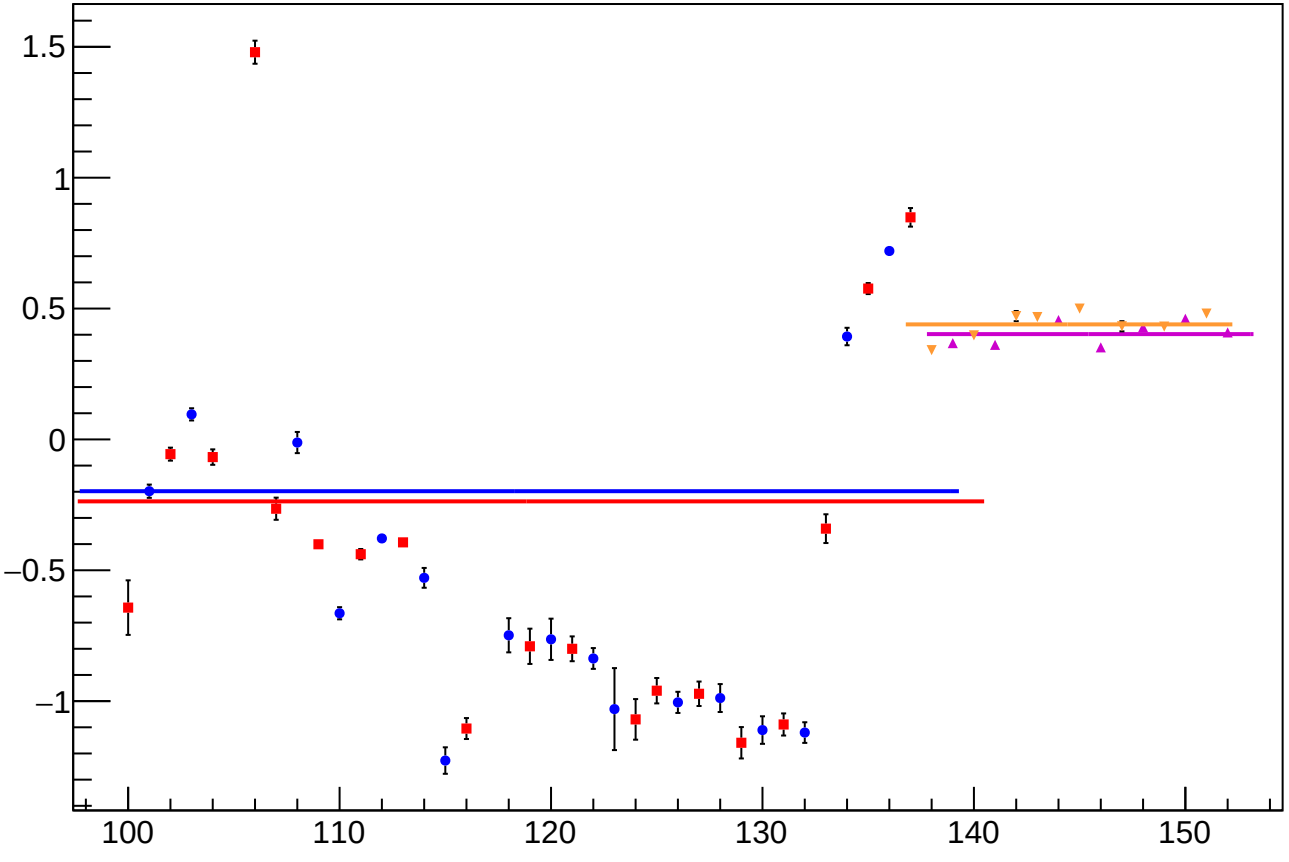
Left In: -17.396+/-0.114 χ^2/NDF:998.8/6

+ sign -16.833+/-0.085 χ^2/NDF: 3213.6/24

All: -16.983+/-0.060 χ^2/NDF: 5446.6/50

- sign -17.133+/-0.085 χ^2/NDF: 2226.7/25

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.439+/-0.006 χ^2/NDF:94.6/7

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

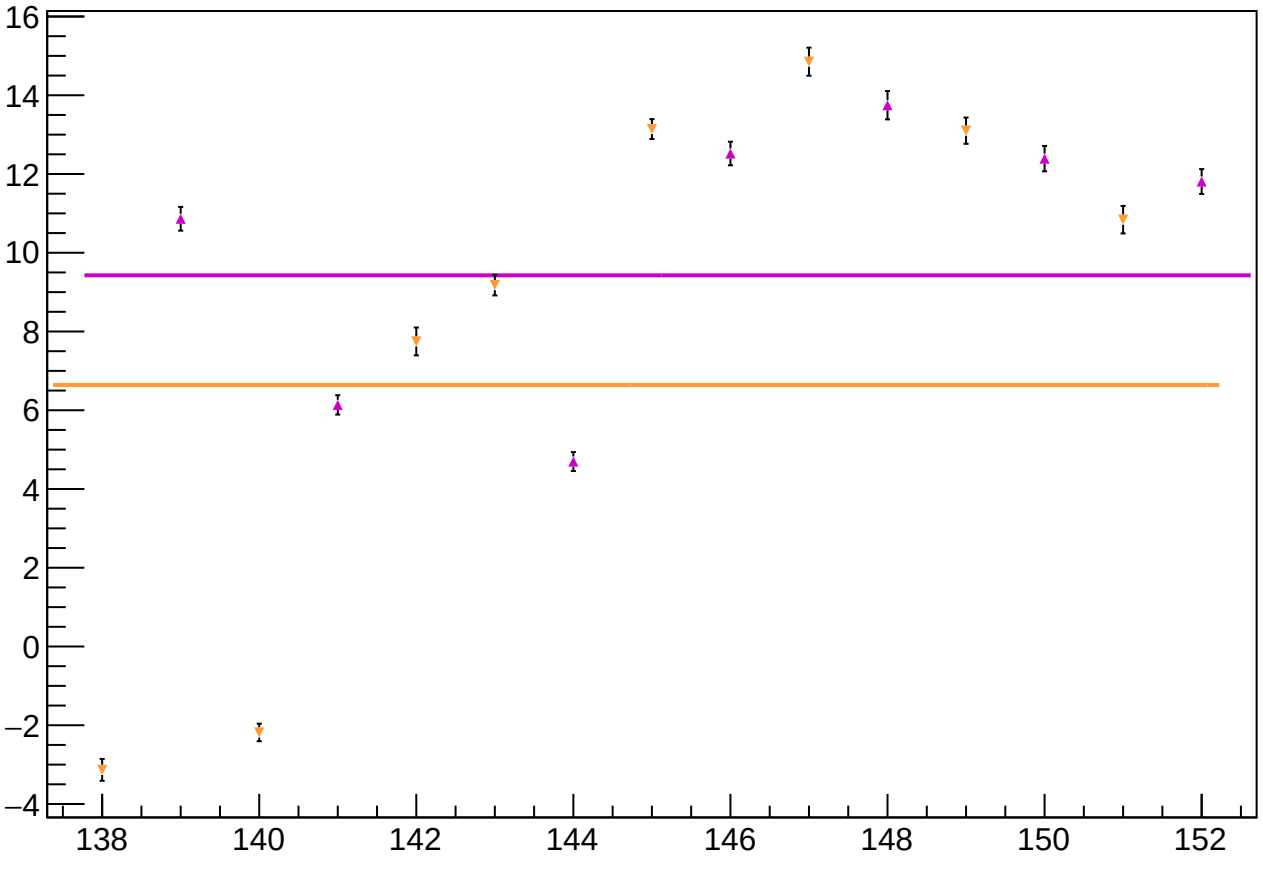
Left In: 0.402+/-0.006 χ^2/NDF:58.5/6

+ sign 0.216+/-0.004 χ^2/NDF: 11079.1/24

All: 0.188+/-0.003 χ^2/NDF: 22366.8/50

- sign 0.160+/-0.004 χ^2/NDF: 11207.0/25

reg_asym_sam8_diff_bpm1X_slope vs Slug



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

Left Out: 6.643+/-0.102 χ^2/NDF:4627.2/7

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

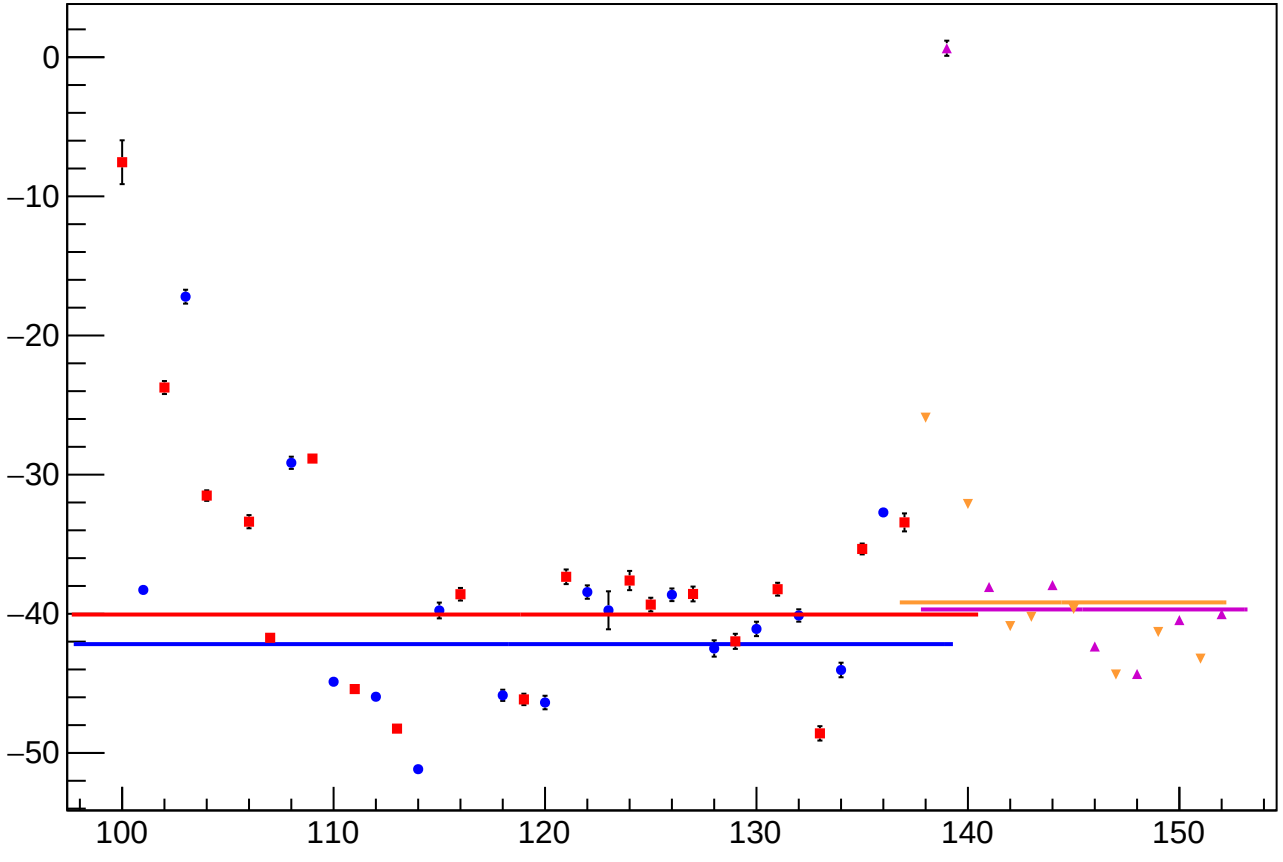
Left In: 9.427+/-0.110 χ^2/NDF:981.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.934+/-0.075 χ^2/NDF: 5954.6/14

- 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: -39.181+/-0.071 χ^2/NDF:5470.4/7

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

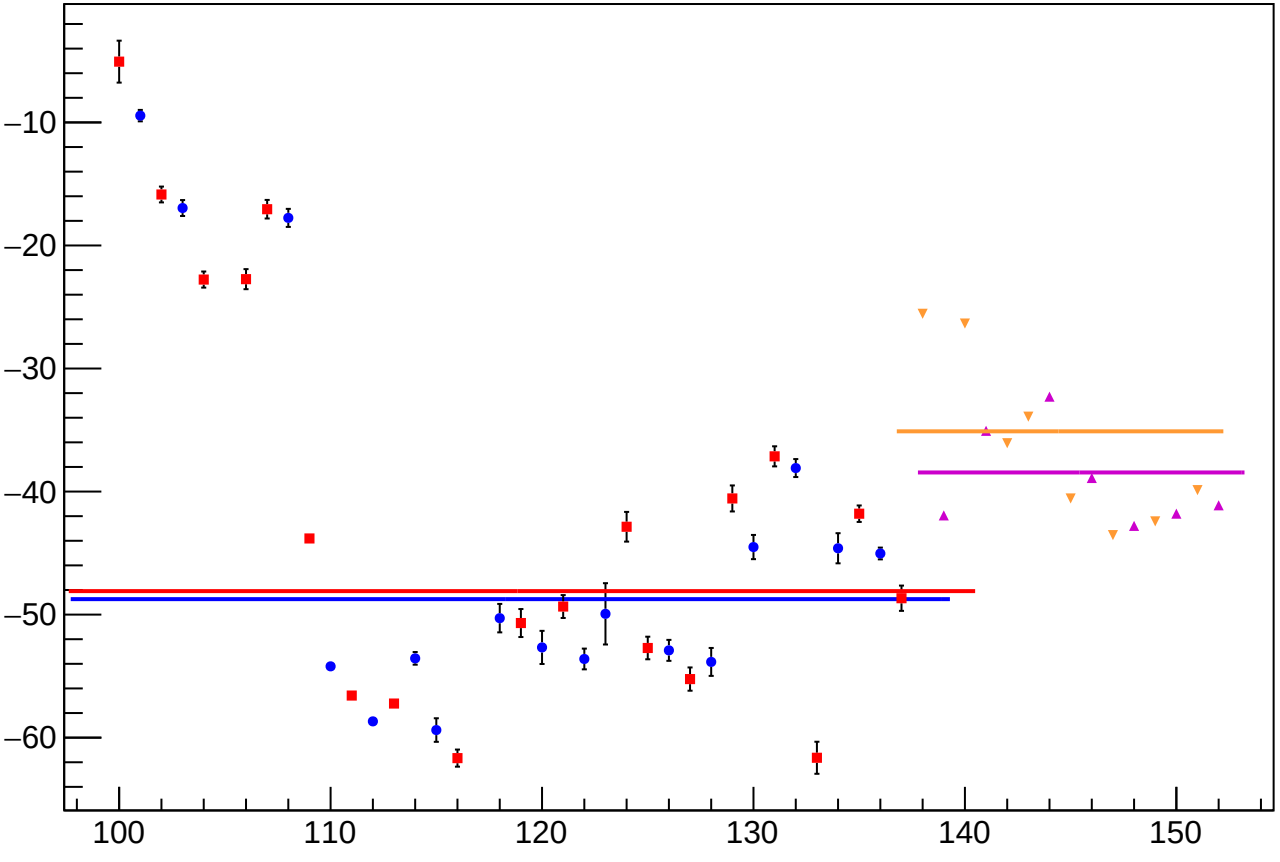
Left In: -39.688+/-0.077 χ^2/NDF:6587.5/6

+ sign -40.541+/-0.052 χ^2/NDF: 12856.0/24

All: -40.212+/-0.037 χ^2/NDF: 30848.1/50

- sign -39.879+/-0.053 χ^2/NDF: 17912.9/25

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -35.105+/-0.105 χ^2/NDF:4207.9/7

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

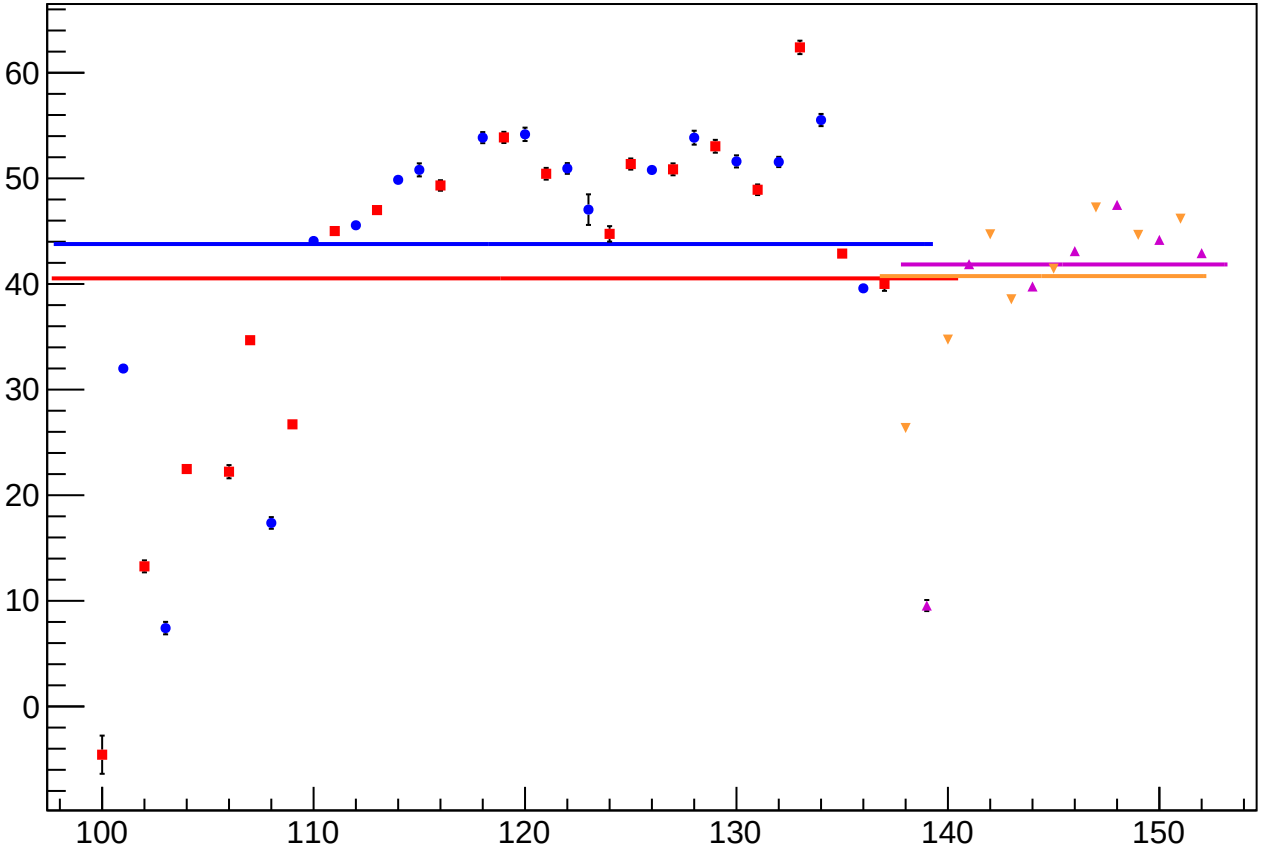
Left In: -38.448+/-0.110 χ^2/NDF:1225.2/6

+ sign -40.777+/-0.080 χ^2/NDF: 25883.3/24

All: -42.151+/-0.056 χ^2/NDF: 43326.0/50

- sign -43.413+/-0.077 χ^2/NDF: 16880.5/25

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 40.747+/-0.087 χ^2/NDF:4645.4/7

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

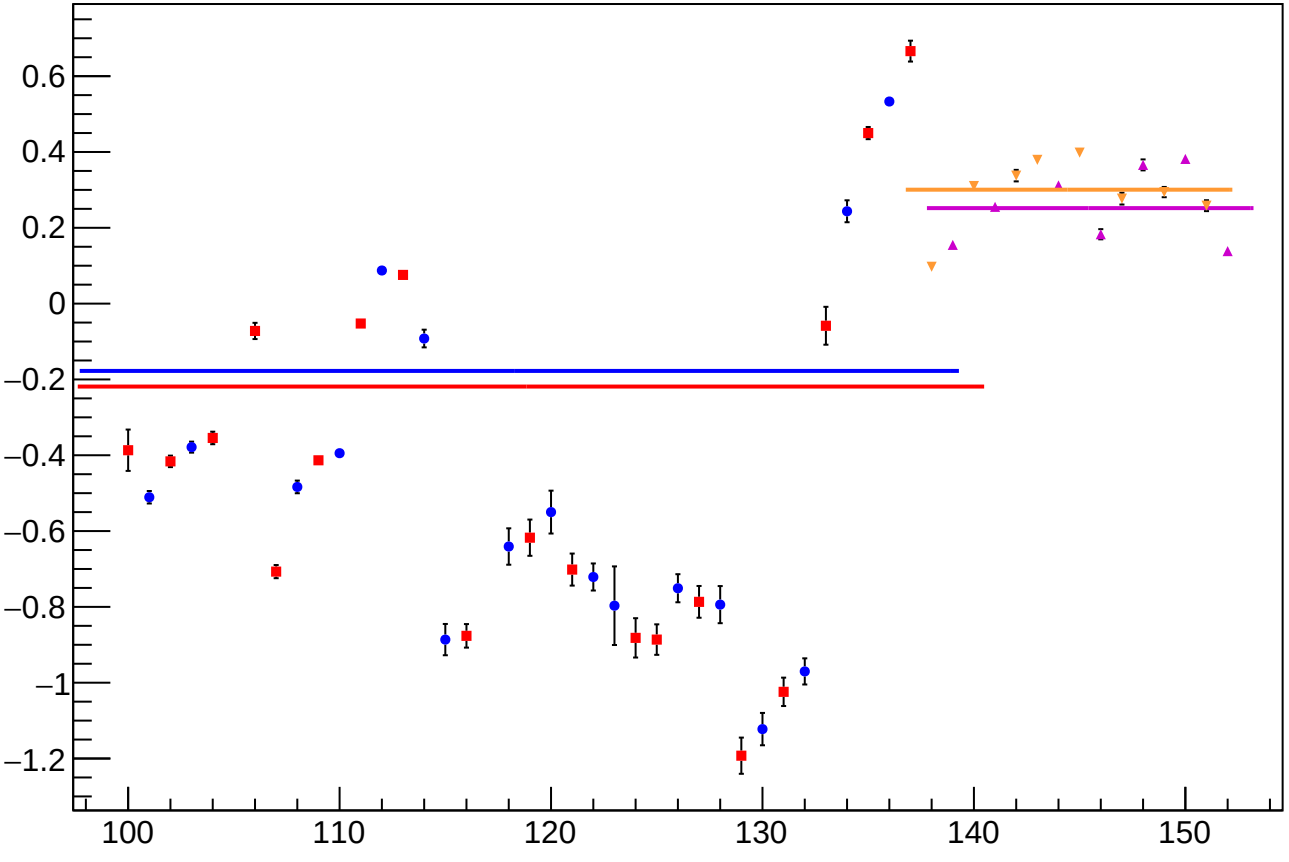
Left In: 41.849+/-0.094 χ^2/NDF:4558.9/6

+ sign 42.273+/-0.061 χ^2/NDF: 15894.4/24

All: 41.676+/-0.043 χ^2/NDF: 38336.0/50

- sign 41.088+/-0.061 χ^2/NDF: 22253.9/25

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.301+/-0.004 χ^2/NDF:443.1/7

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

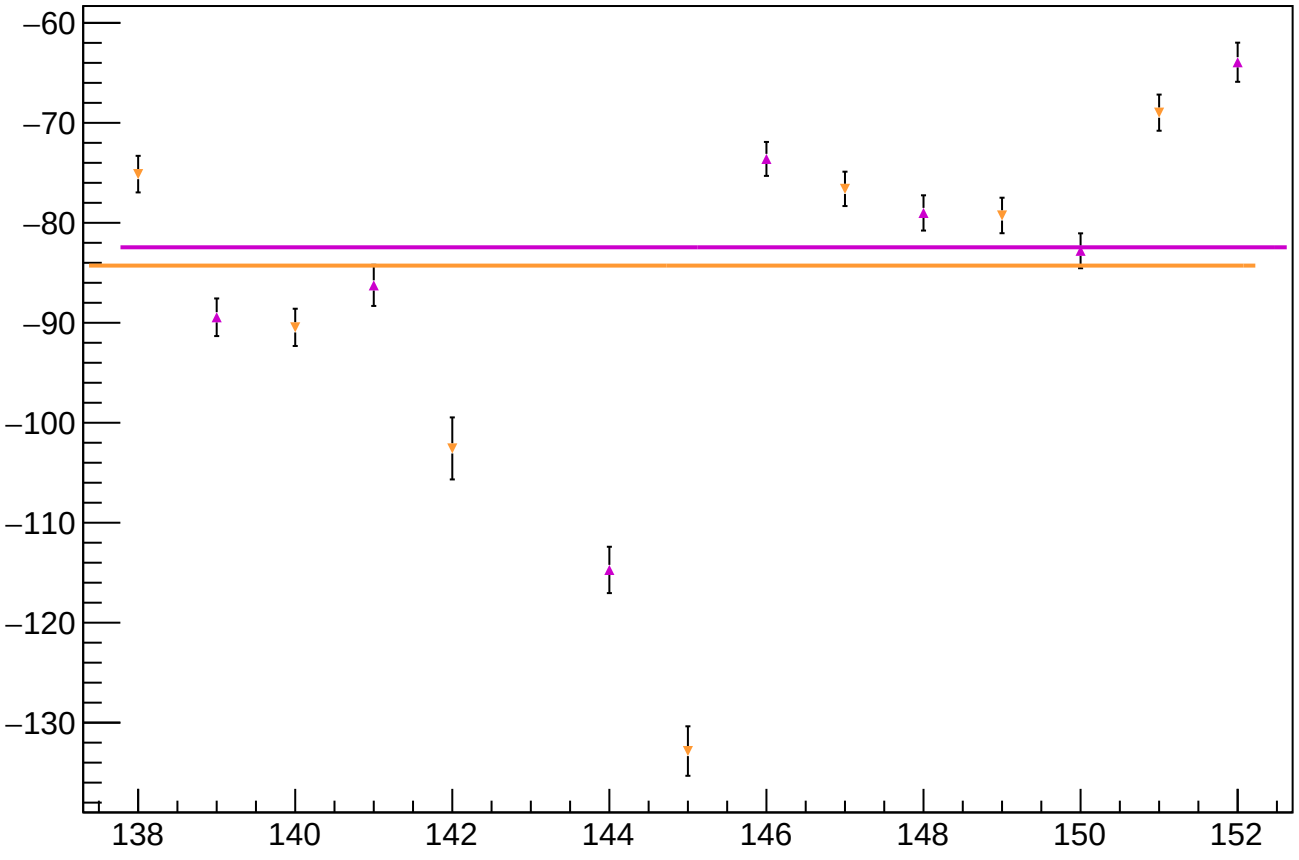
Left In: 0.252+/-0.005 χ^2/NDF:379.3/6

+ sign 0.085+/-0.003 χ^2/NDF: 13185.8/24

All: 0.042+/-0.002 χ^2/NDF: 26988.5/50

- sign 0.002+/-0.003 χ^2/NDF: 13463.4/25

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -84.279+/-0.742 χ^2/NDF:555.0/6

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

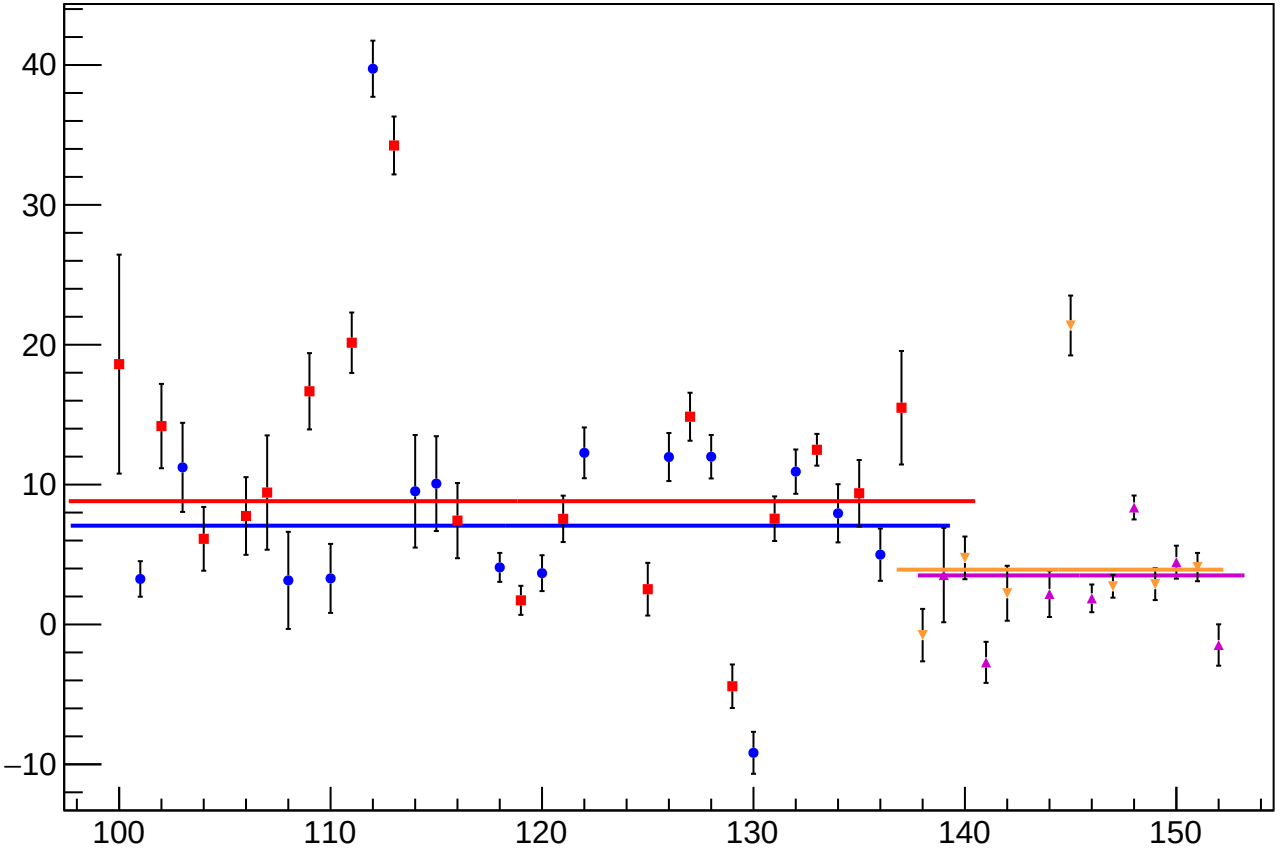
Left In: -82.448+/-0.714 χ^2/NDF:331.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -83.328+/-0.514 χ^2/NDF: 889.7/13

- 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: 3.919+/-0.475 χ^2/NDF:76.8/6

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

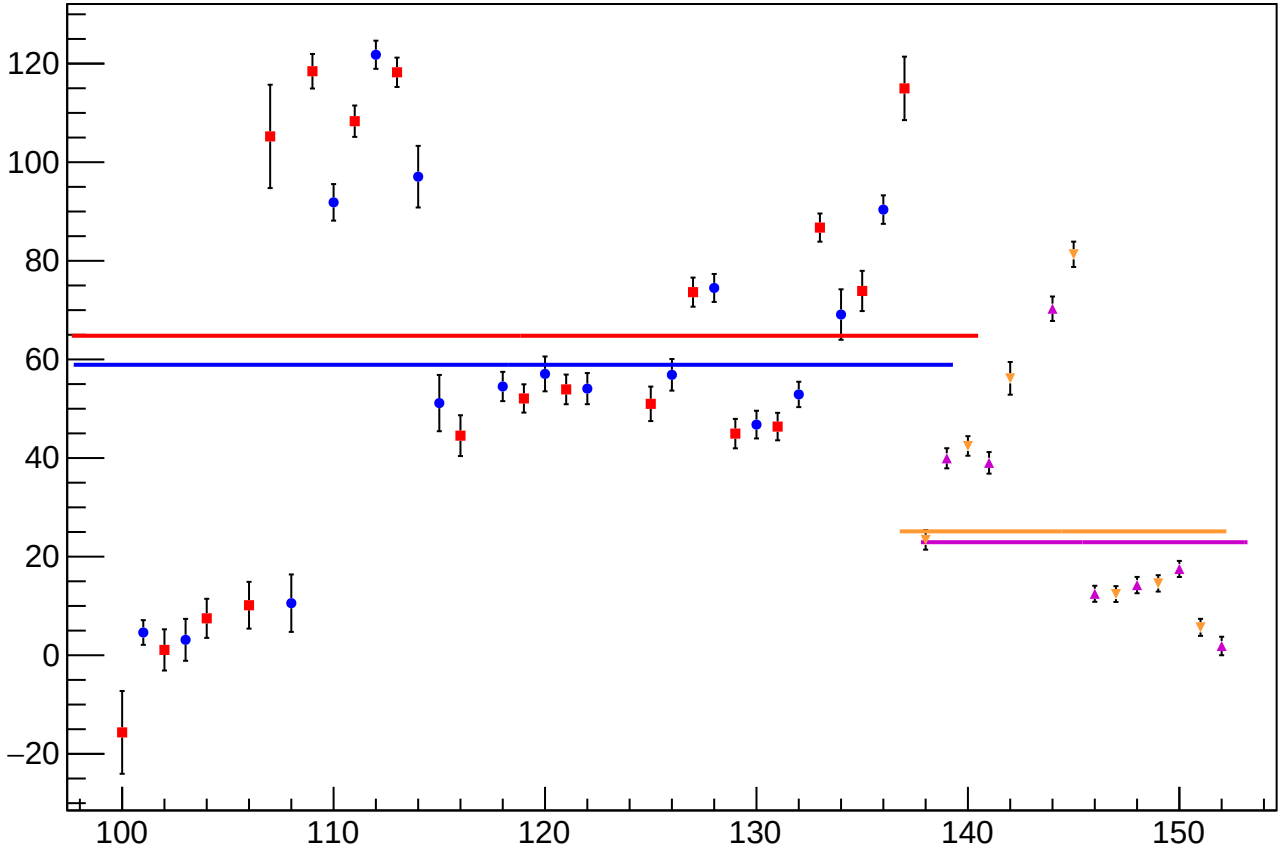
Left In: 3.506+/-0.473 χ^2/NDF:65.4/6

+ sign 5.633+/-0.320 χ^2/NDF: 547.6/22

All: 5.959+/-0.228 χ^2/NDF: 1031.9/47

- sign 6.297+/-0.326 χ^2/NDF: 482.2/24

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 25.130+/-0.738 χ^2/NDF:872.9/6

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

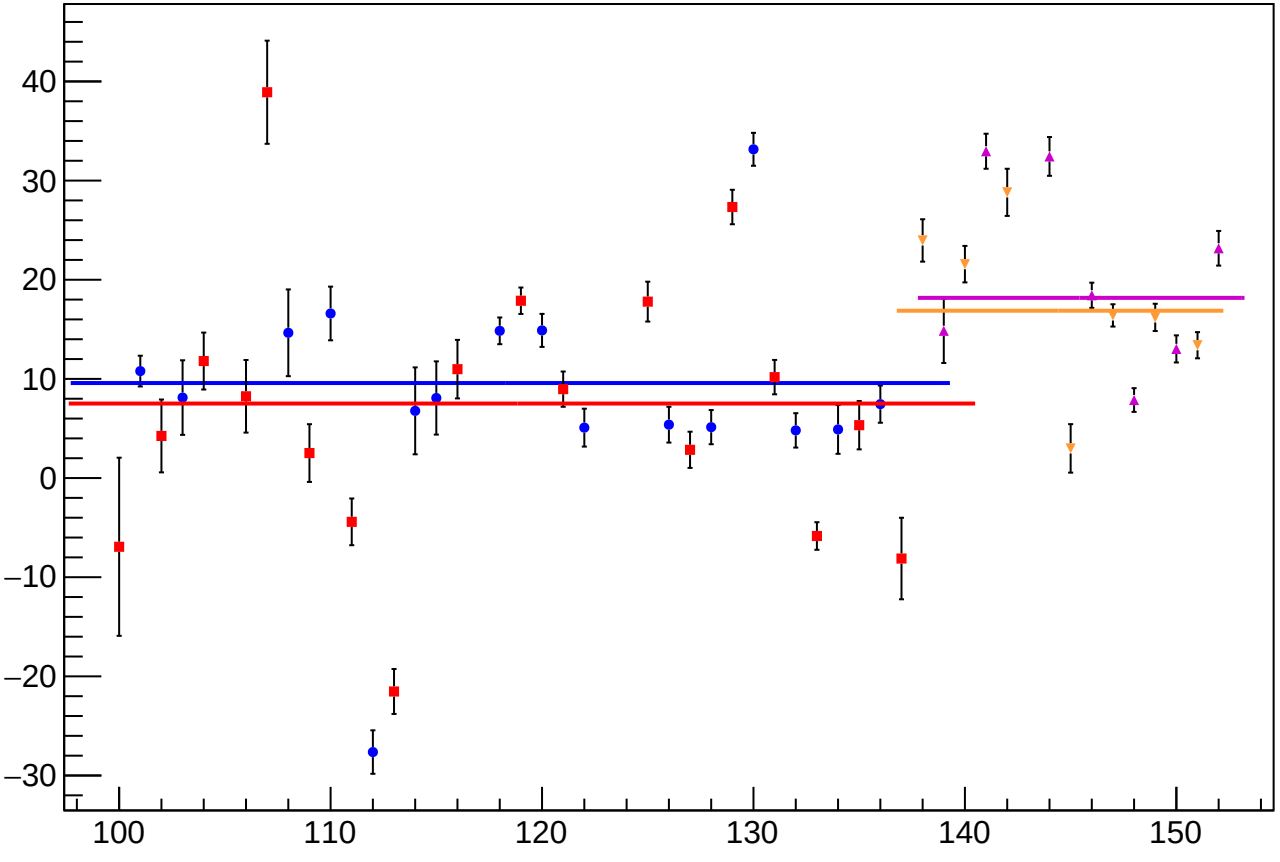
Left In: 22.928+/-0.704 χ^2/NDF:695.2/6

+ sign 40.016+/-0.552 χ^2/NDF: 3293.2/22

All: 40.112+/-0.386 χ^2/NDF: 7165.6/47

- sign 40.203+/-0.540 χ^2/NDF: 3872.3/24

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 16.877+/-0.603 χ^2/NDF:82.3/6

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

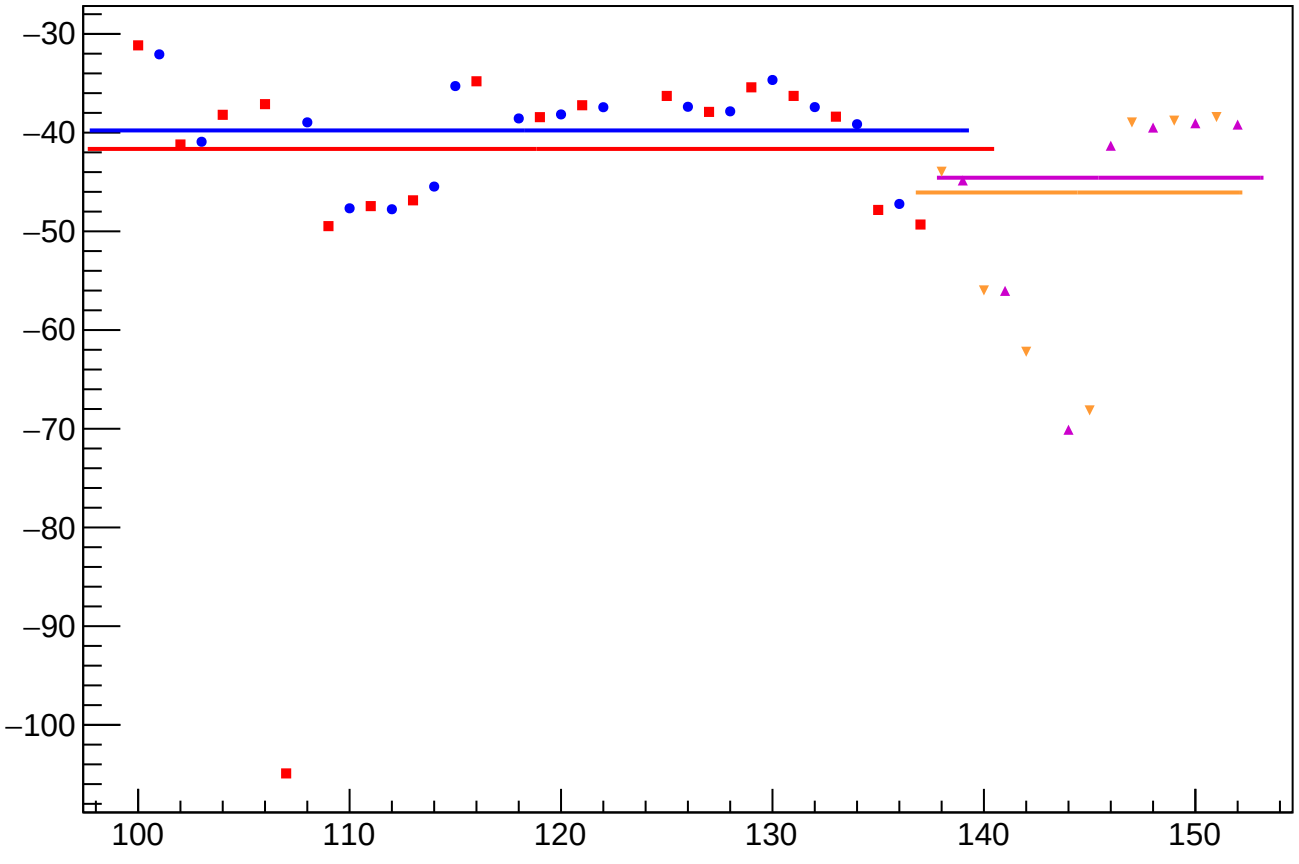
Left In: 18.174+/-0.591 χ^2/NDF:220.9/6

+ sign 12.564+/-0.385 χ^2/NDF: 723.3/22

All: 12.343+/-0.274 χ^2/NDF: 1699.2/47

- sign 12.118+/-0.389 χ^2/NDF: 975.2/24

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -46.064+/-0.032 χ^2/NDF:105079.6/6

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

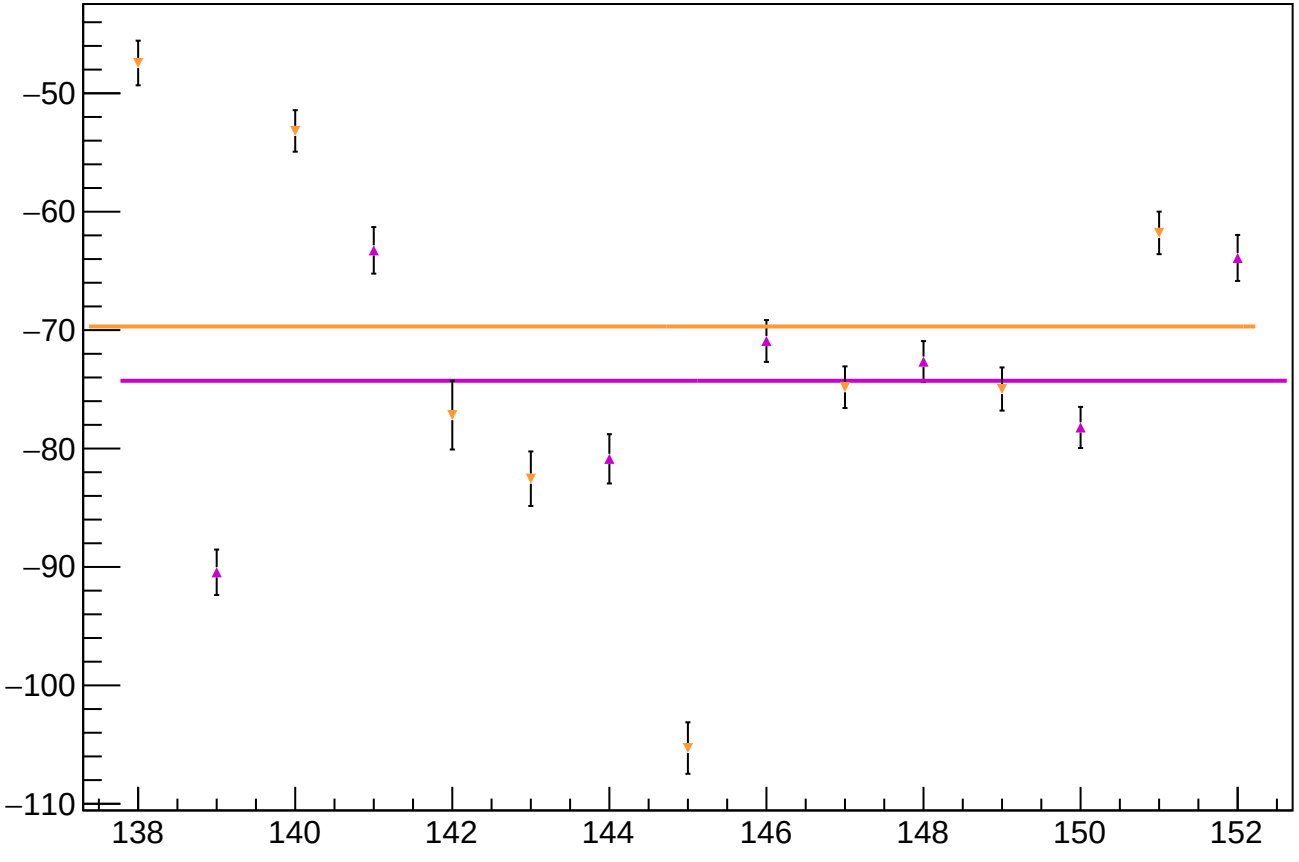
Left In: -44.568+/-0.029 χ^2/NDF:90351.4/6

+ sign -42.861+/-0.022 χ^2/NDF: 151329.3/22

All: -43.038+/-0.015 χ^2/NDF: 340914.8/47

- sign -43.203+/-0.021 χ^2/NDF: 189462.3/24

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -69.692+/-0.697 χ^2/NDF:570.4/7

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

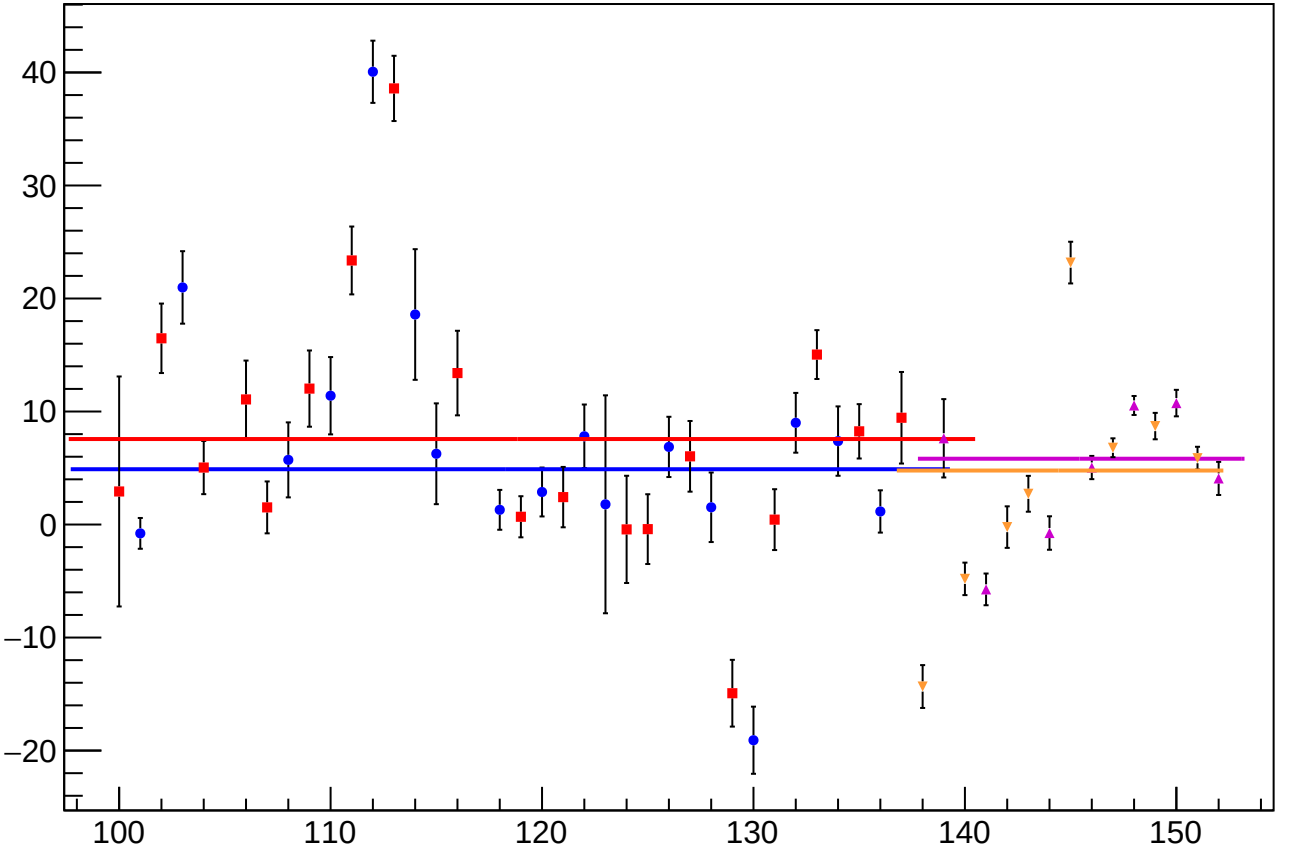
Left In: -74.277+/-0.705 χ^2/NDF:150.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -71.958+/-0.496 χ^2/NDF: 742.4/14

- 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: 4.778+/-0.452 χ^2/NDF:273.0/7

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

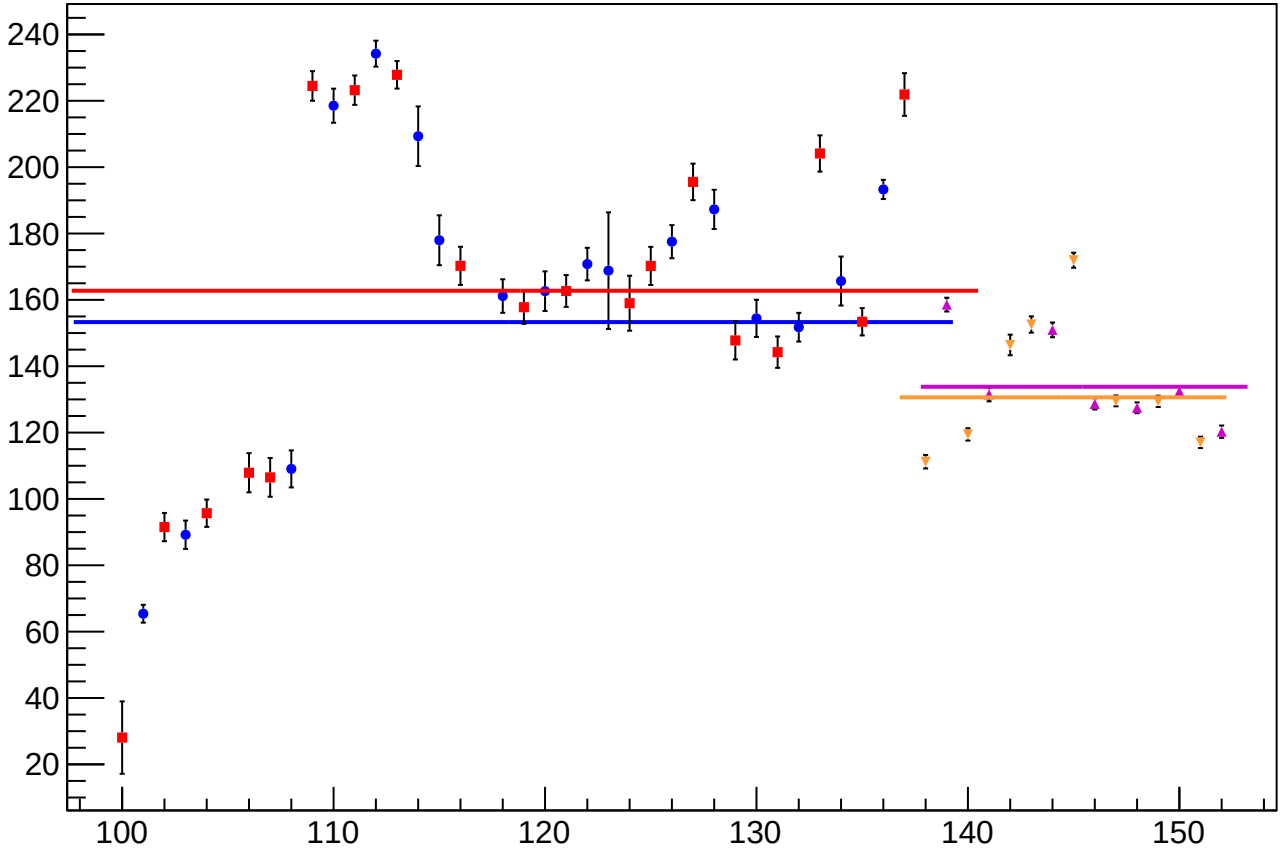
Left In: 5.823+/-0.466 χ^2/NDF:139.0/6

+ sign 4.818+/-0.365 χ^2/NDF: 568.4/24

All: 5.586+/-0.263 χ^2/NDF: 991.4/50

- sign 6.412+/-0.379 χ^2/NDF: 413.9/25

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 130.622+/-0.699 χ^2/NDF:626.8/7

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

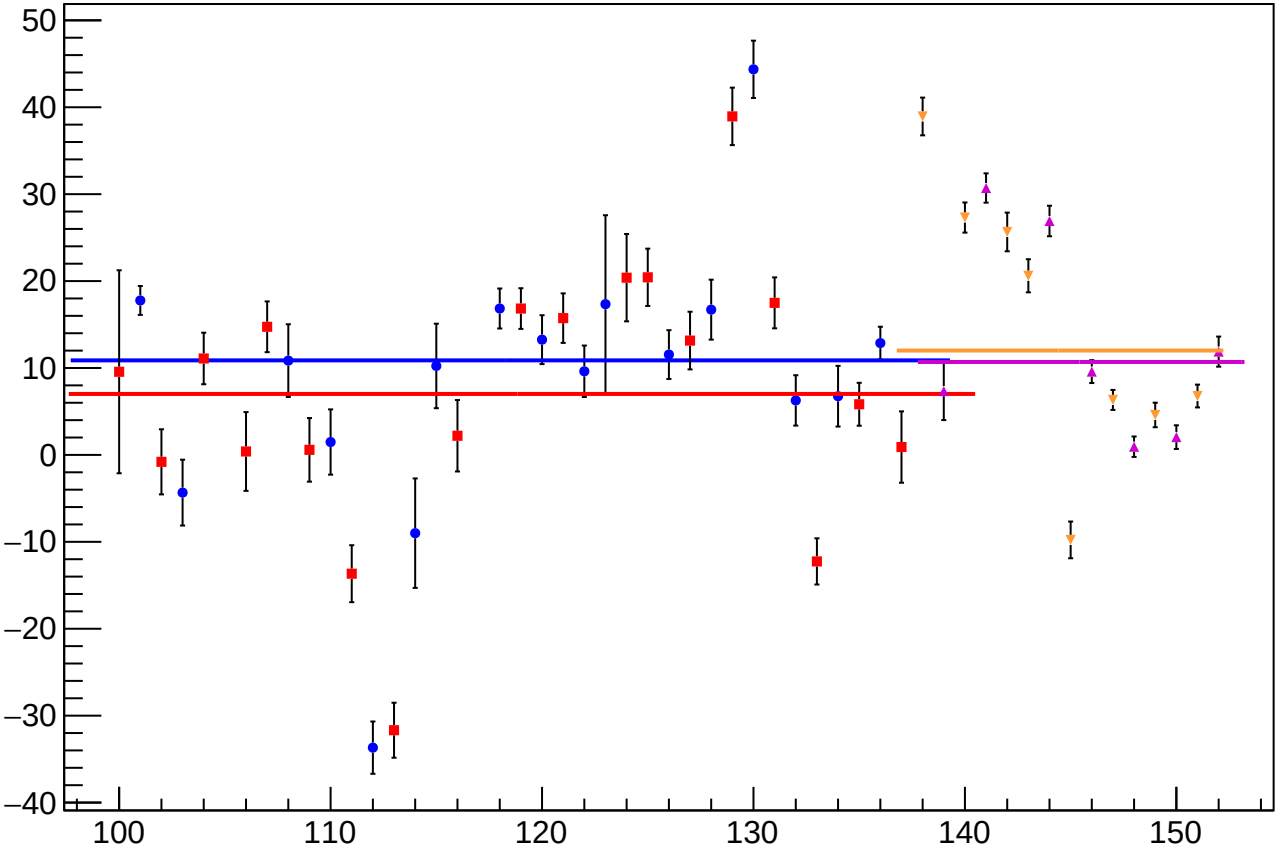
Left In: 133.804+/-0.696 χ^2/NDF:280.9/6

+ sign 136.785+/-0.597 χ^2/NDF: 3179.3/24

All: 139.040+/-0.423 χ^2/NDF: 5645.6/50

- sign 141.313+/-0.599 χ^2/NDF: 2437.7/25

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 12.010+/-0.569 χ^2/NDF:464.1/7

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

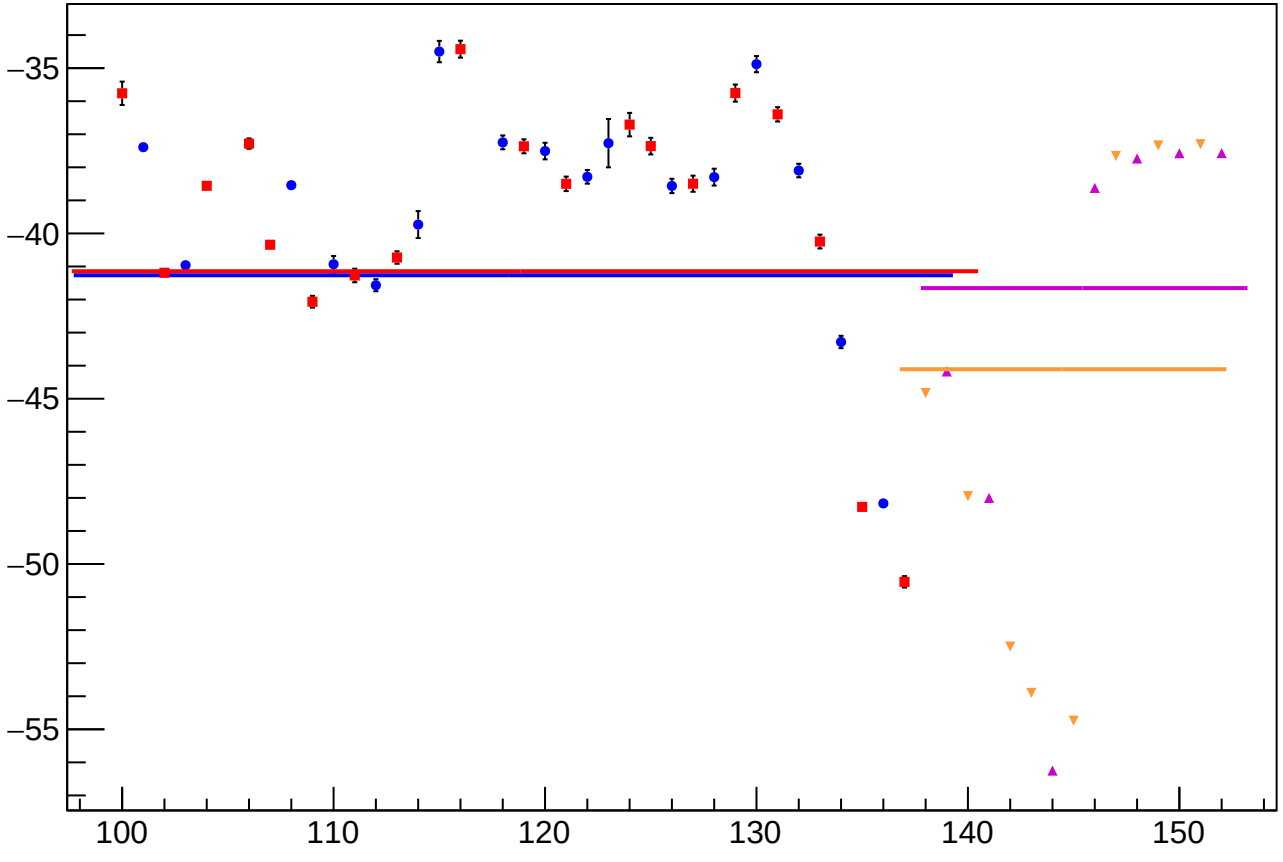
Left In: 10.693+/-0.583 χ^2/NDF:337.4/6

+ sign 11.569+/-0.445 χ^2/NDF: 853.7/24

All: 10.473+/-0.320 χ^2/NDF: 1643.2/50

- sign 9.303+/-0.460 χ^2/NDF: 777.0/25

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -44.108+/-0.030 χ^2/NDF:54475.4/7

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

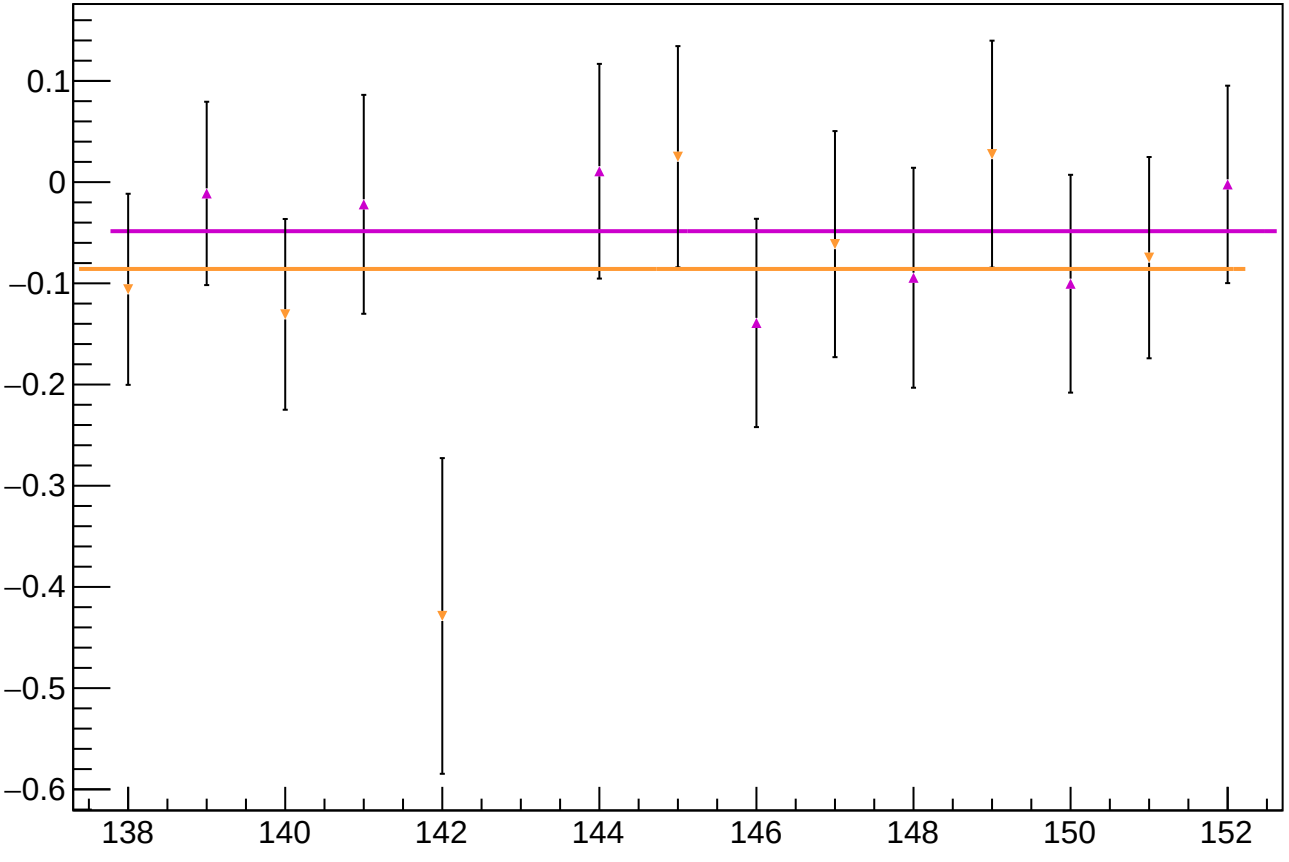
Left In: -41.653+/-0.029 χ^2/NDF:40472.2/6

+ sign -43.043+/-0.024 χ^2/NDF: 70455.7/24

All: -42.243+/-0.017 χ^2/NDF: 125525.5/50

- sign -41.470+/-0.023 χ^2/NDF: 52802.1/25

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.086+/-0.040 χ^2/NDF:7.2/6

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

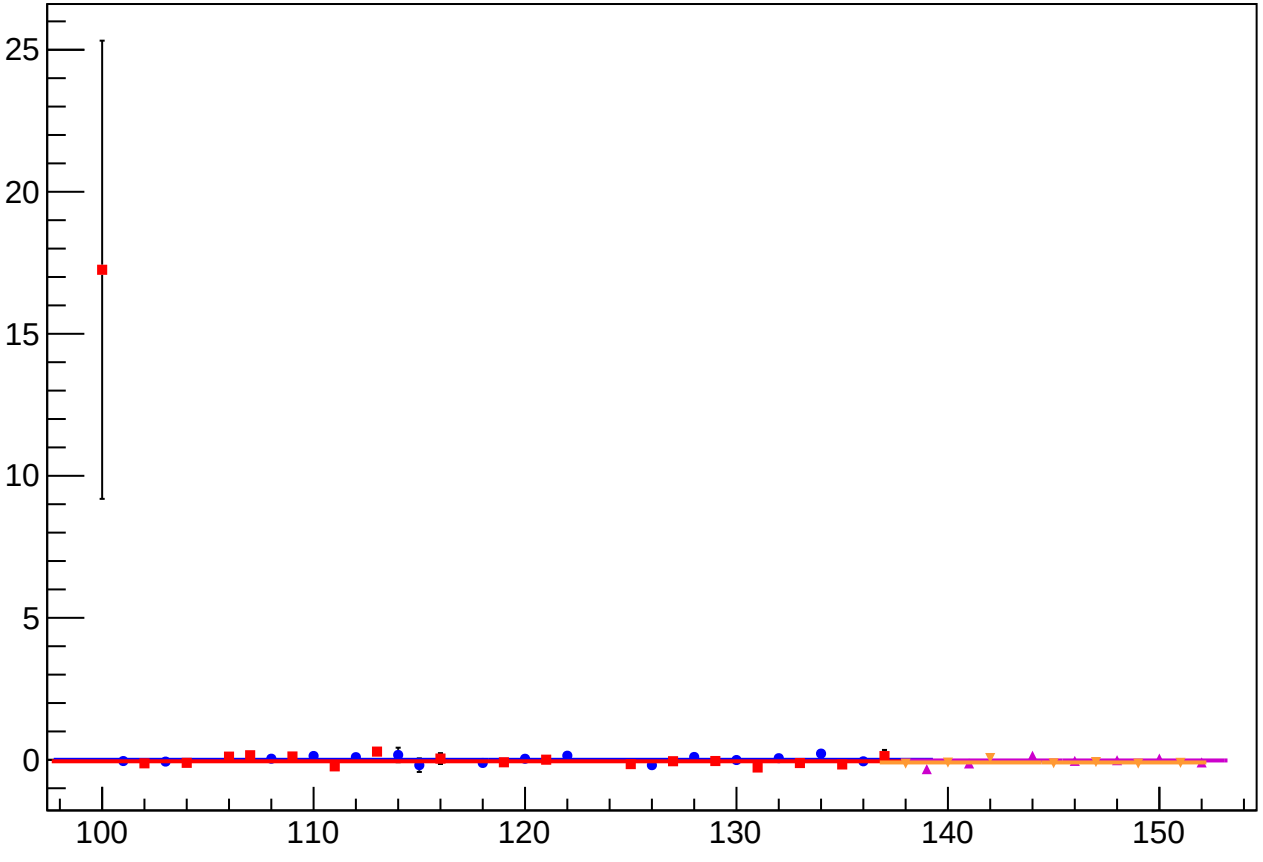
Left In: -0.048+/-0.039 χ^2/NDF:2.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.066+/-0.028 χ^2/NDF: 9.6/13

- 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: -0.092+/-0.027 χ^2/NDF:3.2/6

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

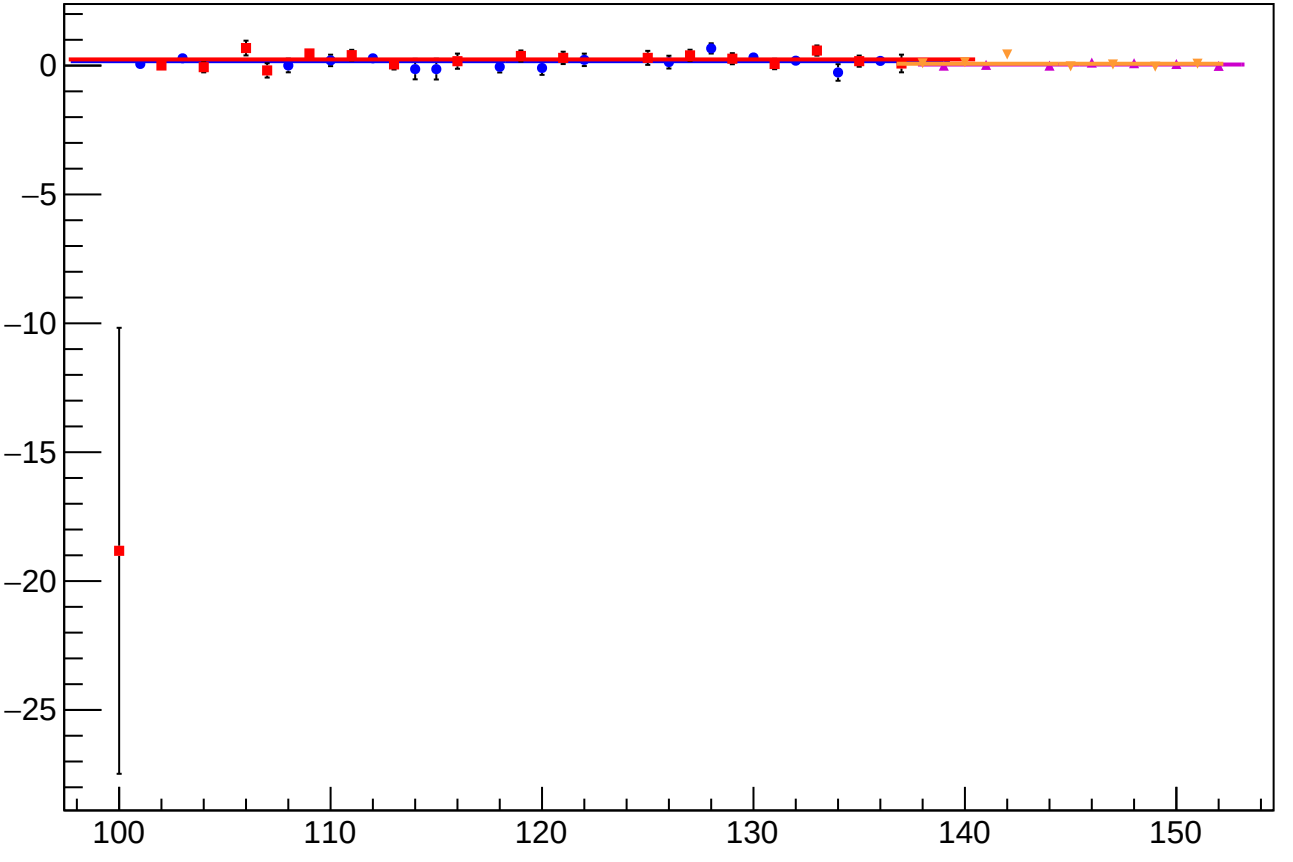
Left In: -0.022+/-0.027 χ^2/NDF:11.9/6

+ sign -0.047+/-0.020 χ^2/NDF: 21.3/22

All: -0.041+/-0.014 χ^2/NDF: 59.7/47

- sign -0.035+/-0.020 χ^2/NDF: 38.2/24

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.071+/-0.041 χ^2/NDF:7.0/6

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

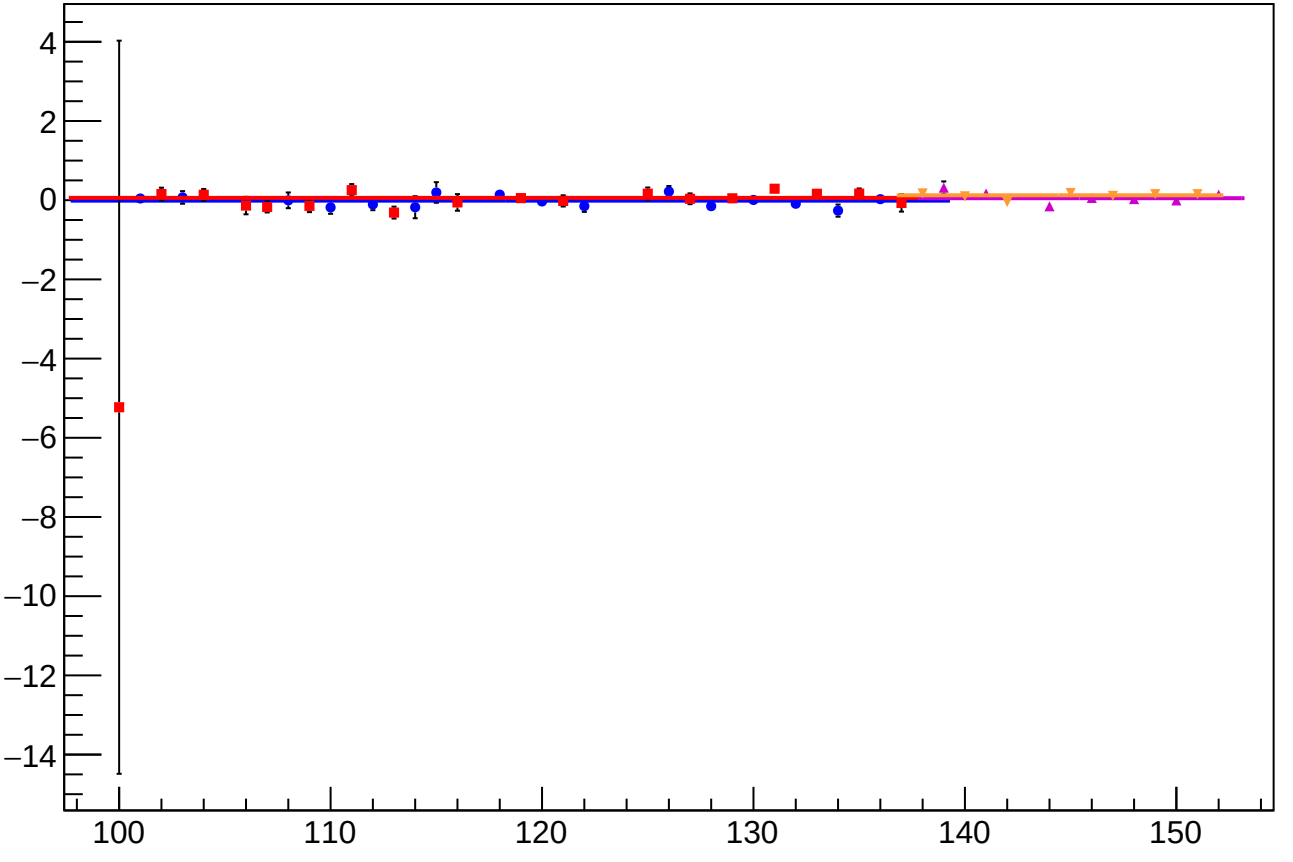
Left In: 0.041+/-0.039 χ^2/NDF:1.6/6

+ sign 0.109+/-0.032 χ^2/NDF: 22.9/22

All: 0.108+/-0.022 χ^2/NDF: 55.2/47

- sign 0.108+/-0.031 χ^2/NDF: 32.3/24

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.124+/-0.034 χ^2/NDF:2.9/6

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

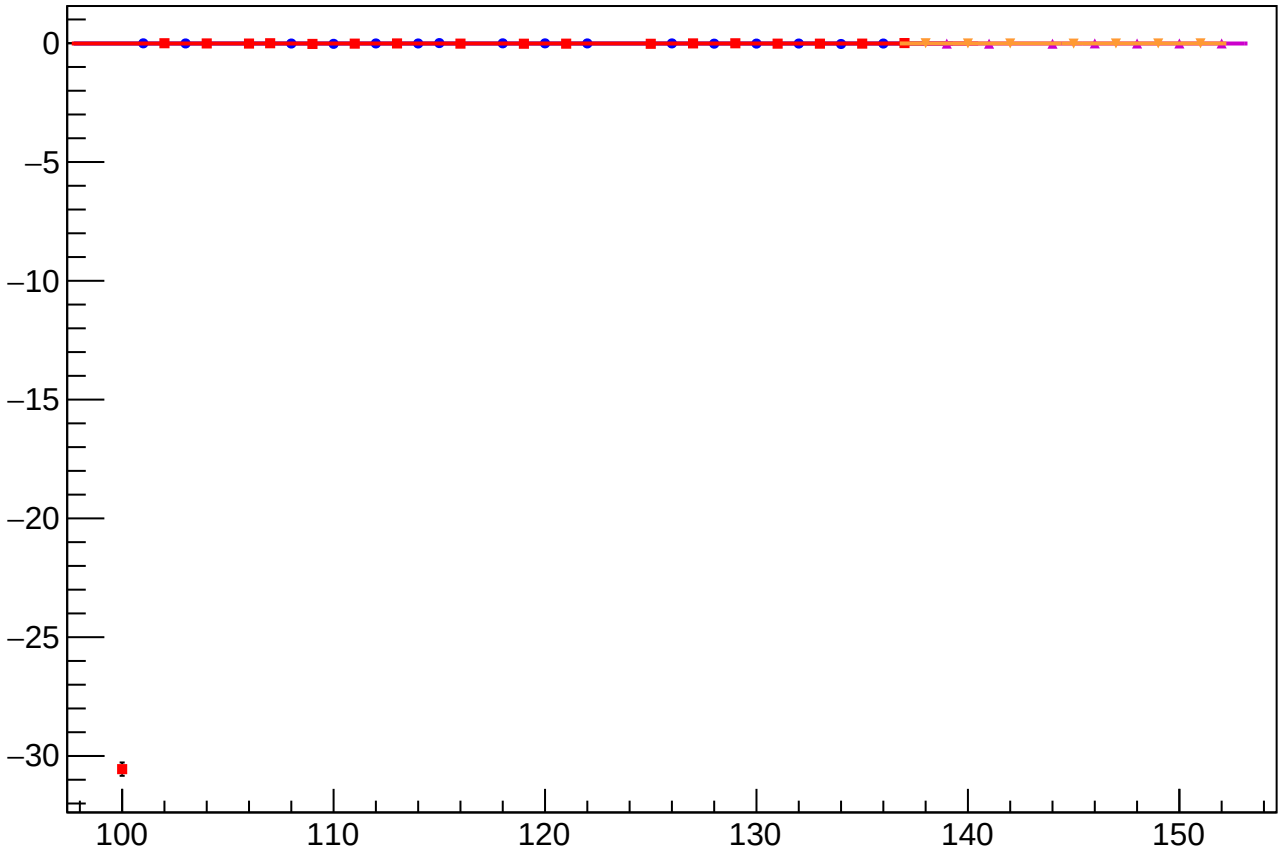
Left In: 0.050+/-0.033 χ^2/NDF:11.2/6

+ sign 0.053+/-0.024 χ^2/NDF: 24.9/22

All: 0.054+/-0.017 χ^2/NDF: 56.7/47

- sign 0.054+/-0.024 χ^2/NDF: 31.8/24

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.009+/-0.002 χ^2/NDF:7.6/6

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

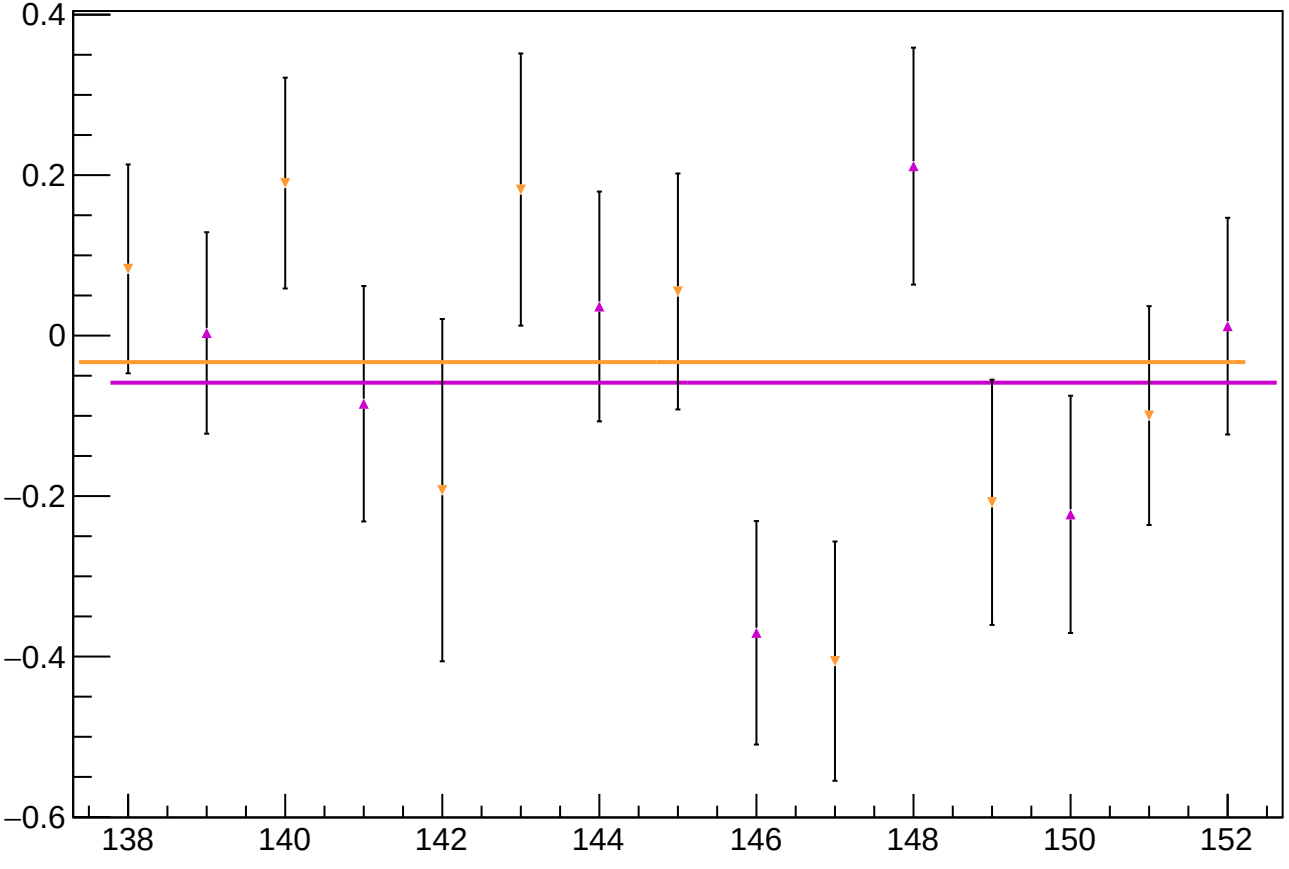
Left In: -0.012+/-0.002 χ^2/NDF:7.9/6

+ sign -0.010+/-0.001 χ^2/NDF: 21.9/22

All: -0.011+/-0.001 χ^2/NDF: 11922.7/47

- sign -0.012+/-0.001 χ^2/NDF: 11899.5/24

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.033+/-0.053 χ^2/NDF:14.0/7

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

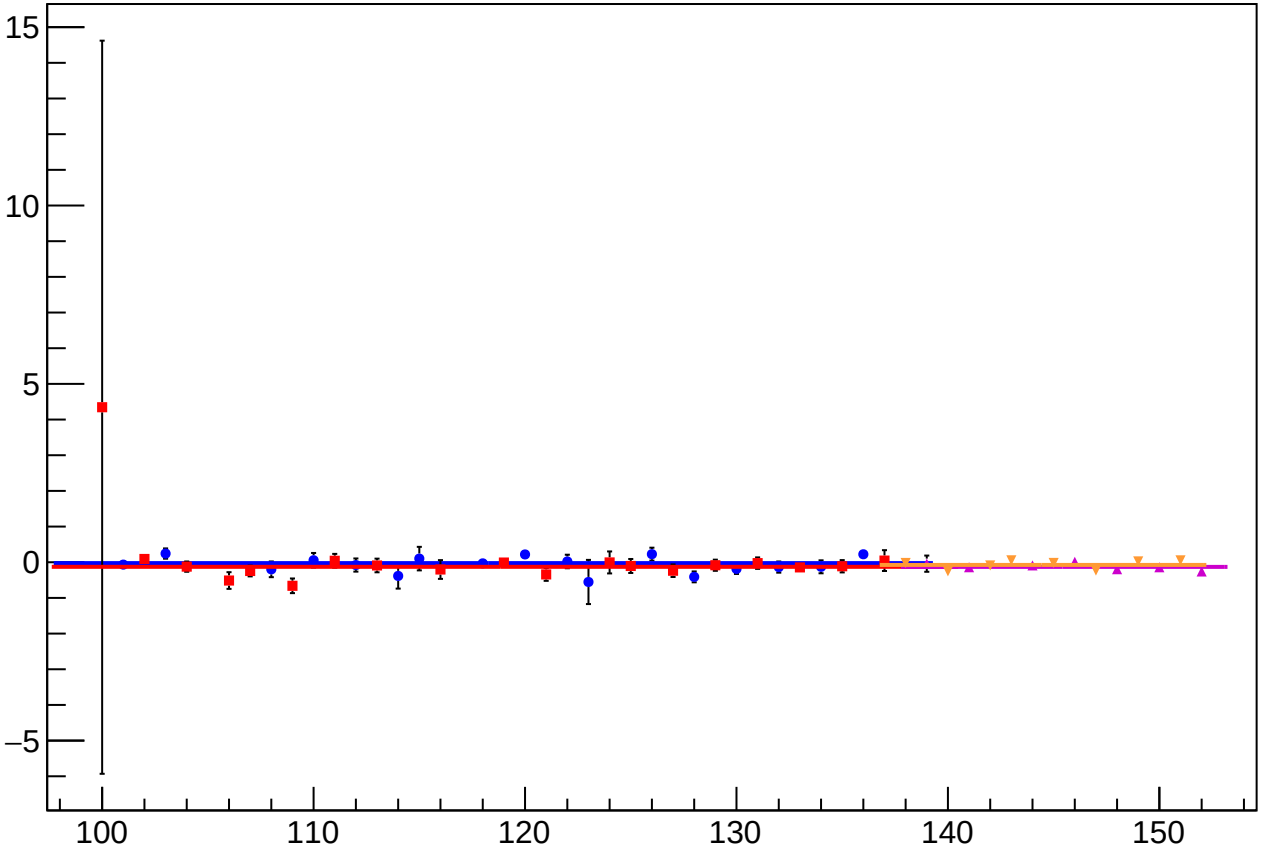
Left In: -0.059+/-0.053 χ^2/NDF:10.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.046+/-0.037 χ^2/NDF: 24.7/14

- 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: -0.075+/-0.035 χ^2/NDF:13.0/7

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

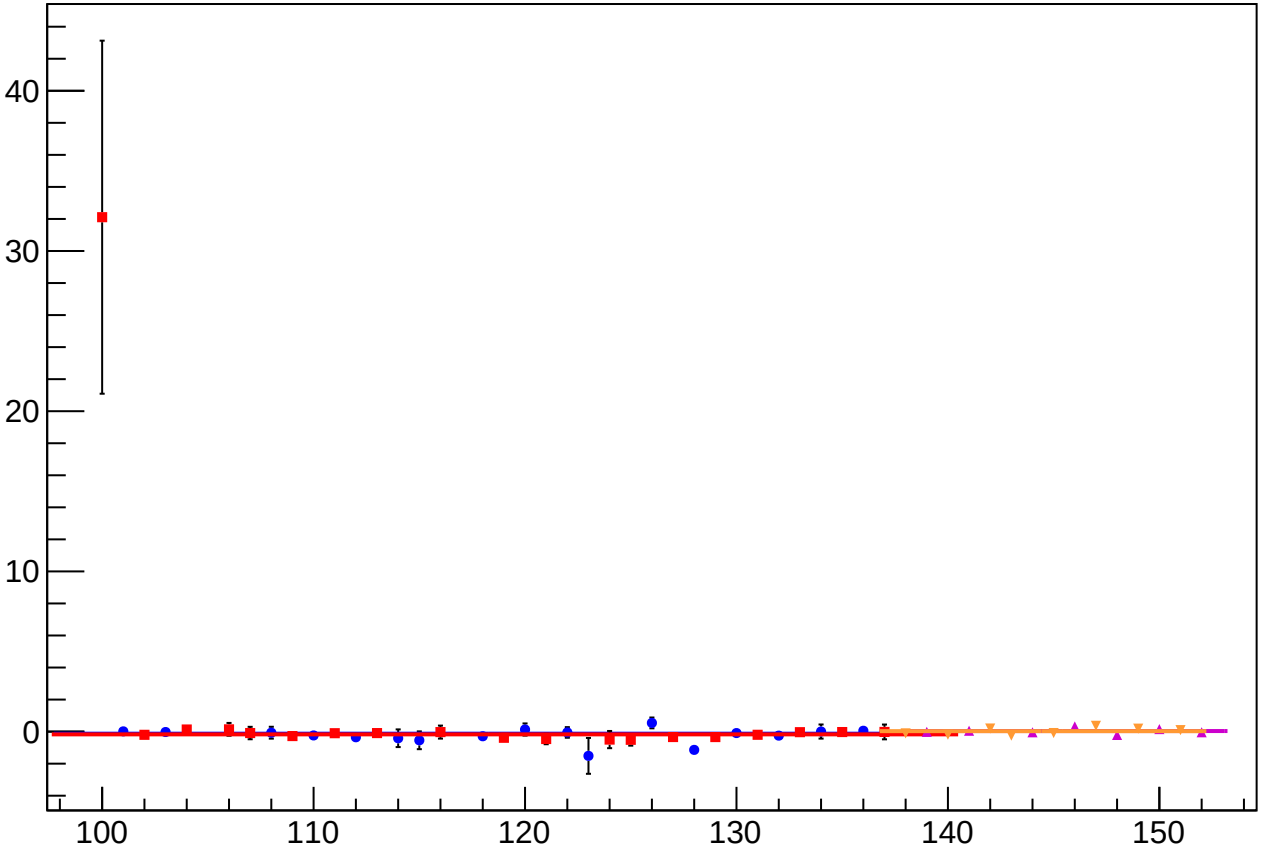
Left In: -0.130+/-0.037 χ^2/NDF:5.7/6

+ sign -0.051+/-0.025 χ^2/NDF: 37.3/24

All: -0.088+/-0.018 χ^2/NDF: 65.2/50

- sign -0.129+/-0.027 χ^2/NDF: 23.3/25

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.029+/-0.053 χ^2/NDF:14.2/7

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

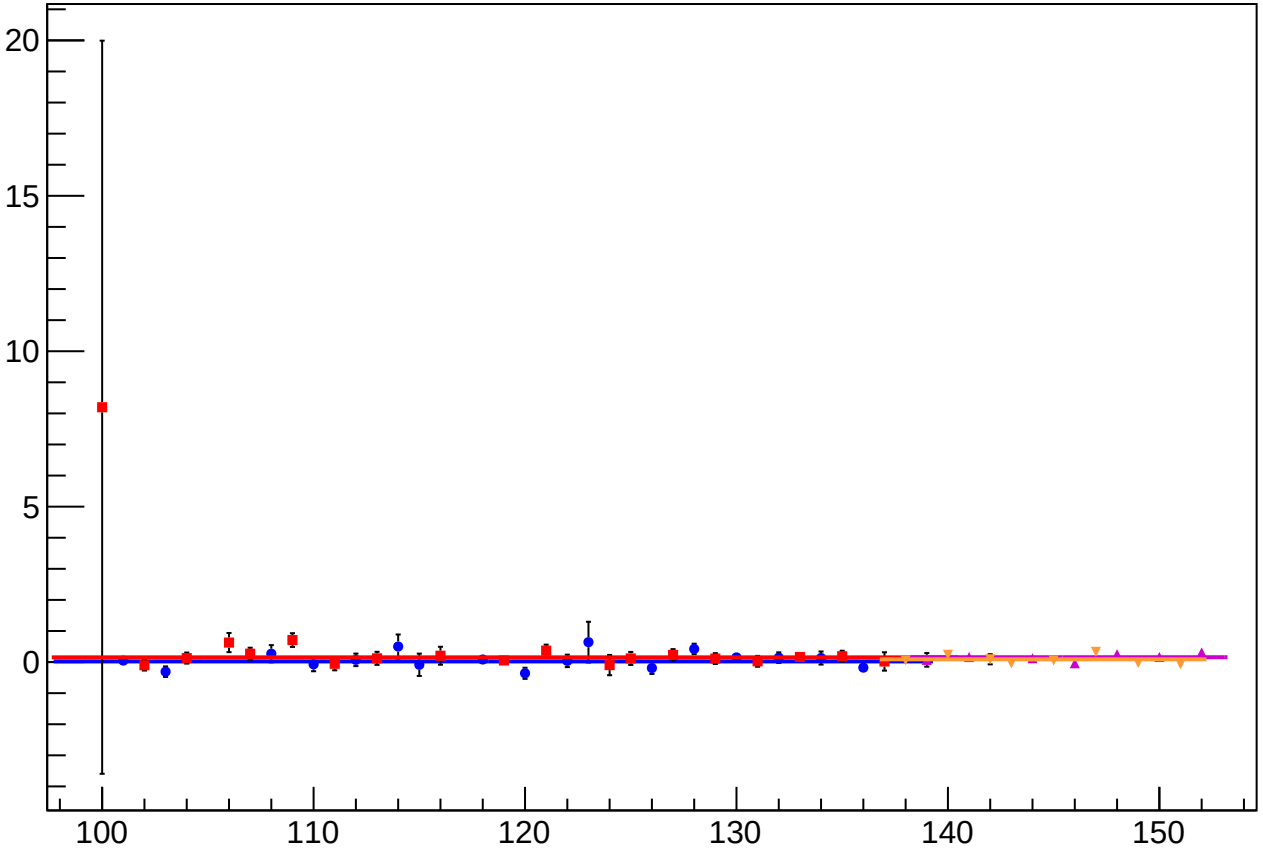
Left In: 0.036+/-0.053 χ^2/NDF:9.3/6

+ sign -0.033+/-0.042 χ^2/NDF: 41.3/24

All: -0.035+/-0.030 χ^2/NDF: 71.2/50

- sign -0.038+/-0.042 χ^2/NDF: 29.8/25

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.088+/-0.044 χ^2/NDF:11.8/7

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

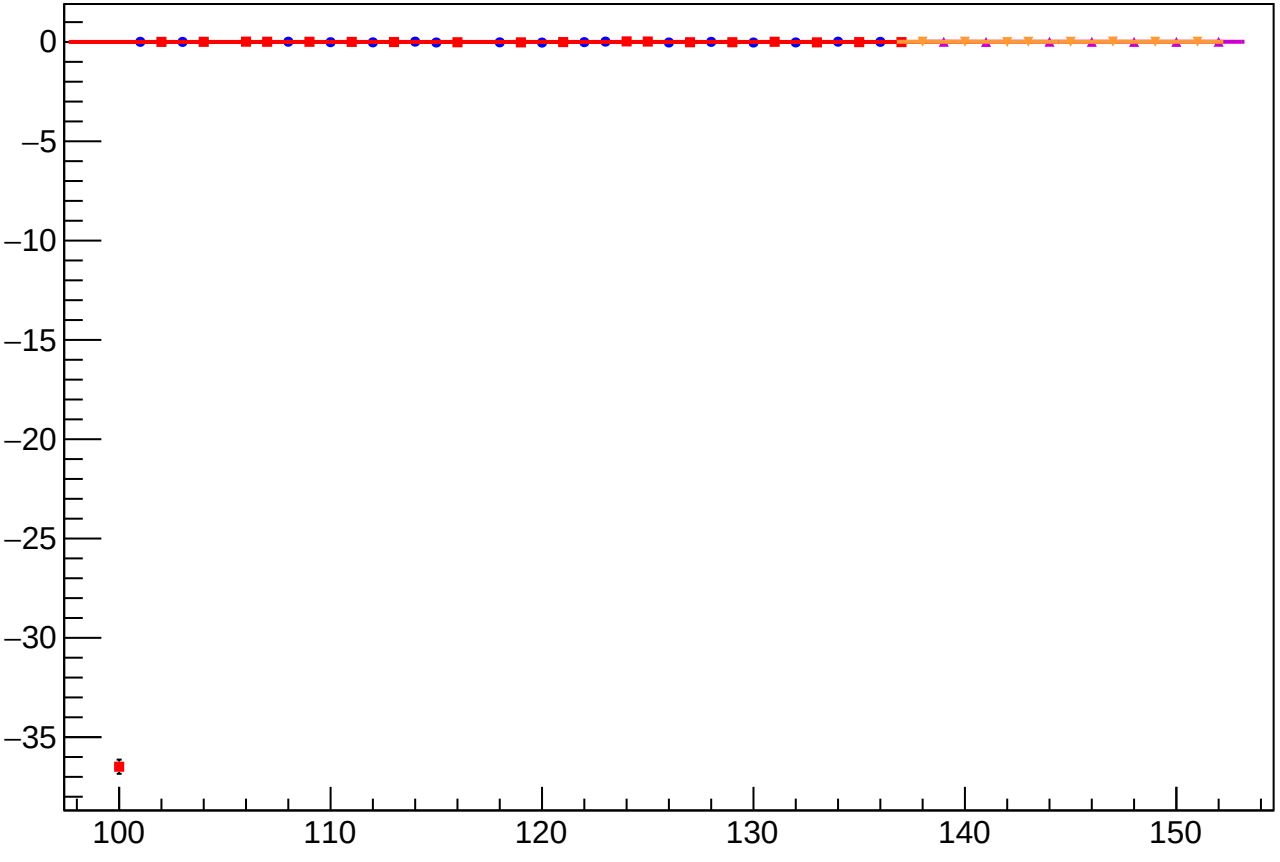
Left In: 0.156+/-0.045 χ^2/NDF:6.2/6

+ sign 0.053+/-0.031 χ^2/NDF: 35.5/24

All: 0.101+/-0.022 χ^2/NDF: 63.2/50

- sign 0.154+/-0.032 χ^2/NDF: 22.5/25

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.010+/-0.002 χ^2/NDF:4.5/7

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

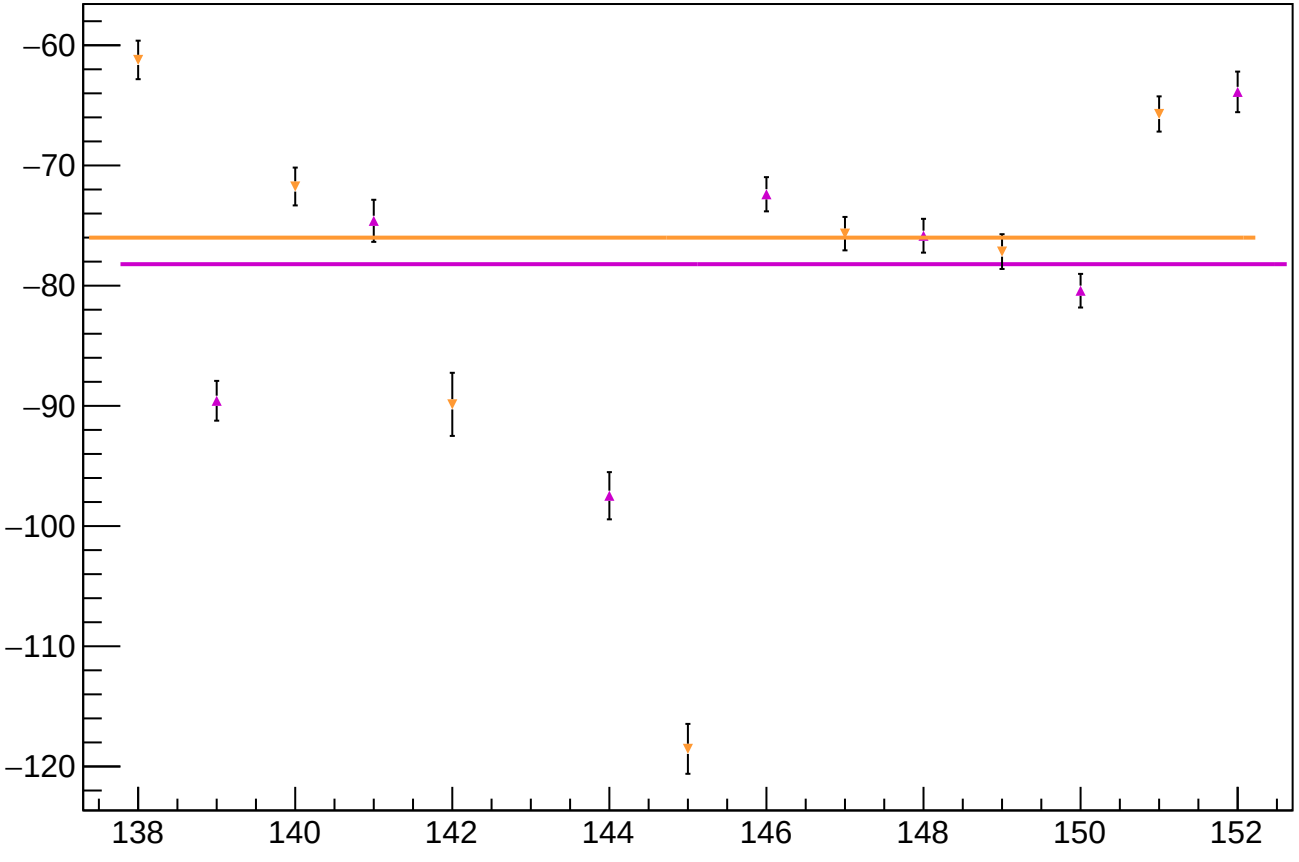
Left In: 0.011+/-0.002 χ^2/NDF:3.0/6

+ sign 0.006+/-0.002 χ^2/NDF: 45.2/24

All: 0.006+/-0.001 χ^2/NDF: 10506.8/50

- sign 0.006+/-0.002 χ^2/NDF: 10461.6/25

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -76.004+/-0.616 χ^2/NDF:590.2/6

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

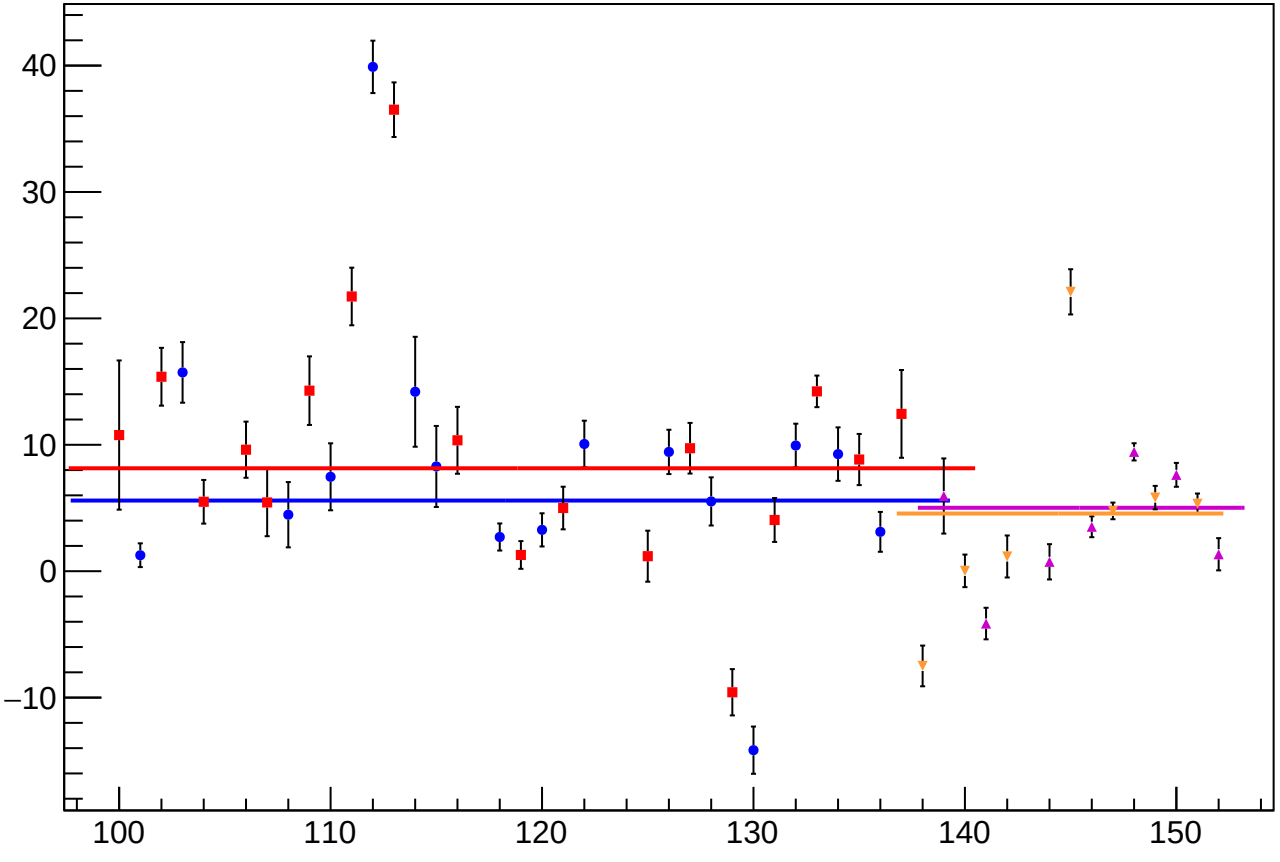
Left In: -78.213+/-0.596 χ^2/NDF:241.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -77.145+/-0.429 χ^2/NDF: 838.6/13

- 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: 4.562+/-0.388 χ^2/NDF:171.6/6

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

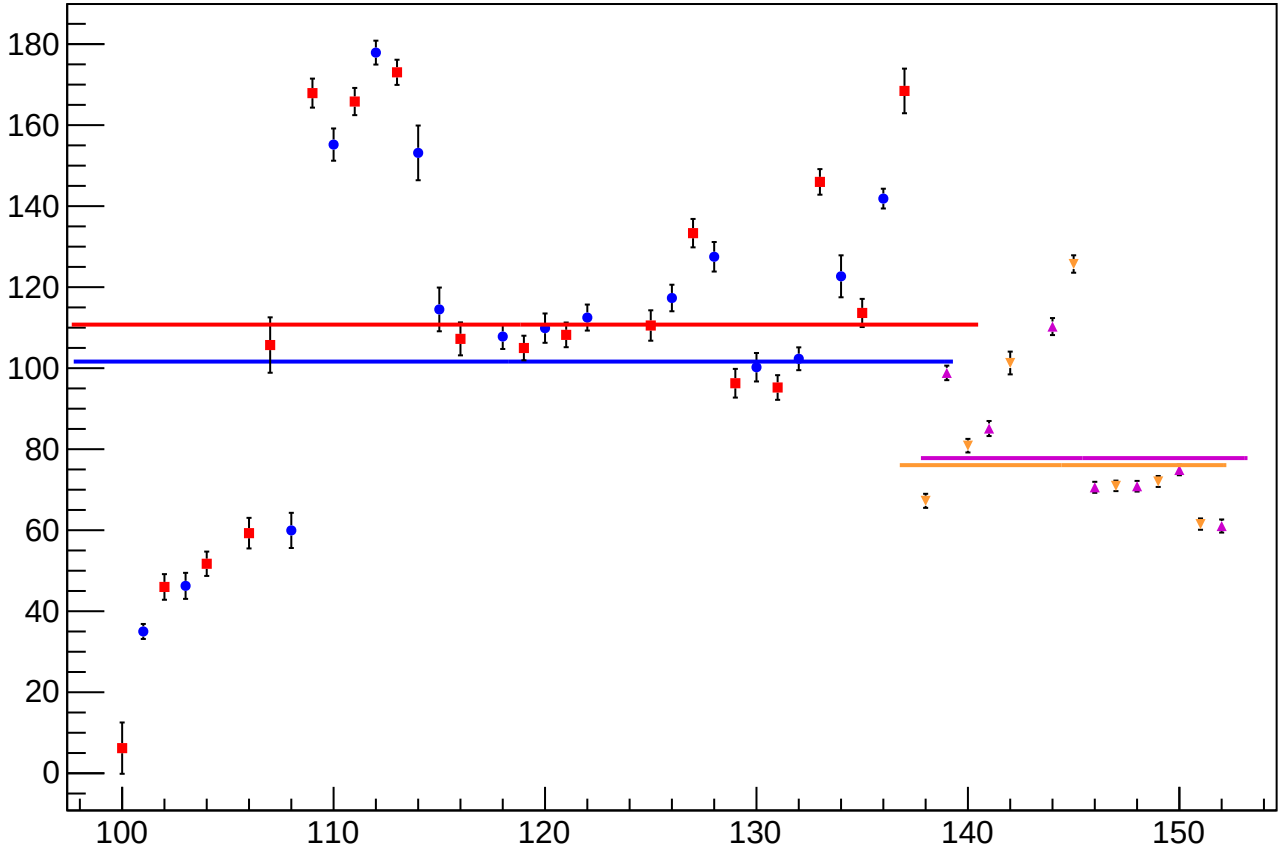
Left In: 5.017+/-0.389 χ^2/NDF:124.6/6

+ sign 5.030+/-0.286 χ^2/NDF: 637.6/22

All: 5.664+/-0.205 χ^2/NDF: 1207.5/47

- sign 6.340+/-0.295 χ^2/NDF: 559.7/24

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 76.065+/-0.611 χ^2/NDF:778.4/6

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

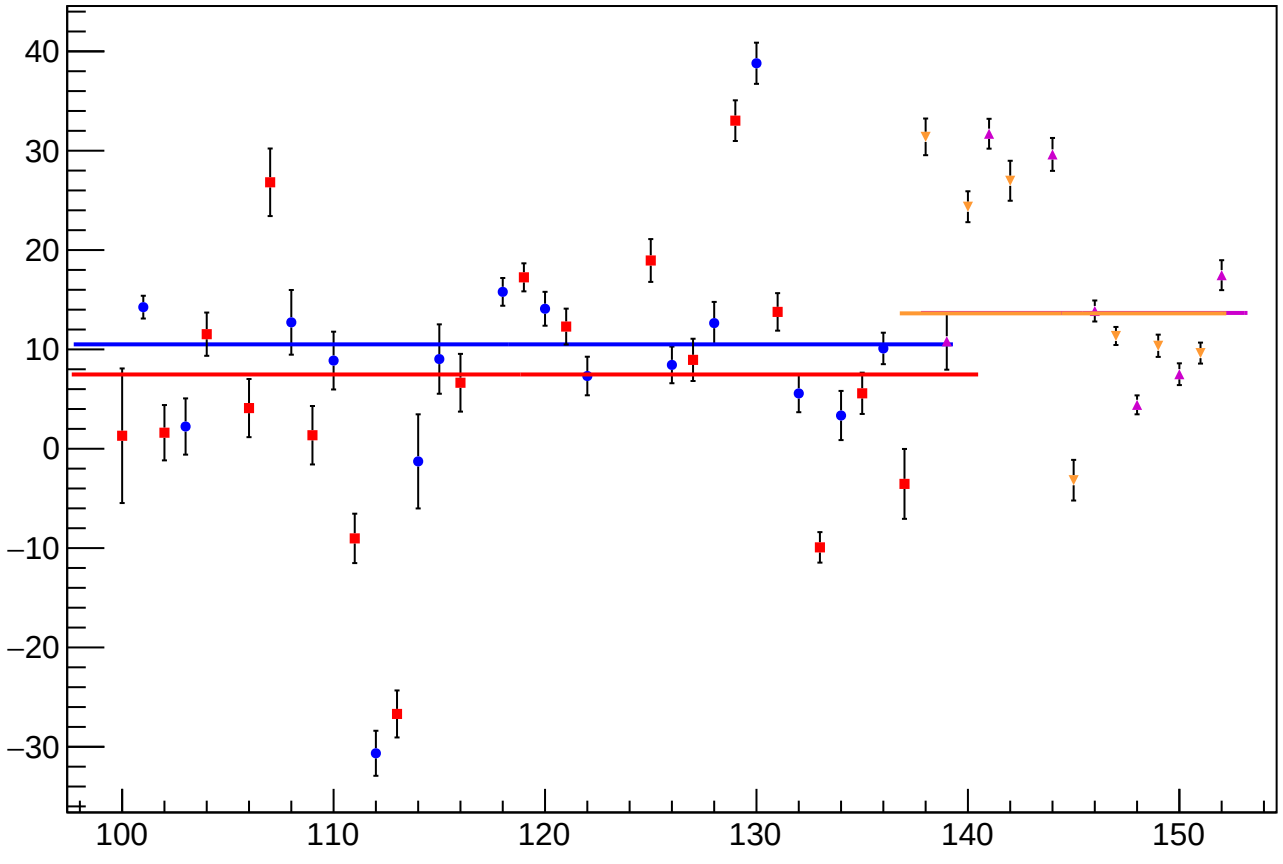
Left In: 77.802+/-0.586 χ^2/NDF:560.5/6

+ sign 85.376+/-0.487 χ^2/NDF: 4395.5/22

All: 87.043+/-0.342 χ^2/NDF: 8533.3/47

- sign 88.663+/-0.480 χ^2/NDF: 4114.7/24

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 13.627+/-0.494 χ^2/NDF:280.8/6

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

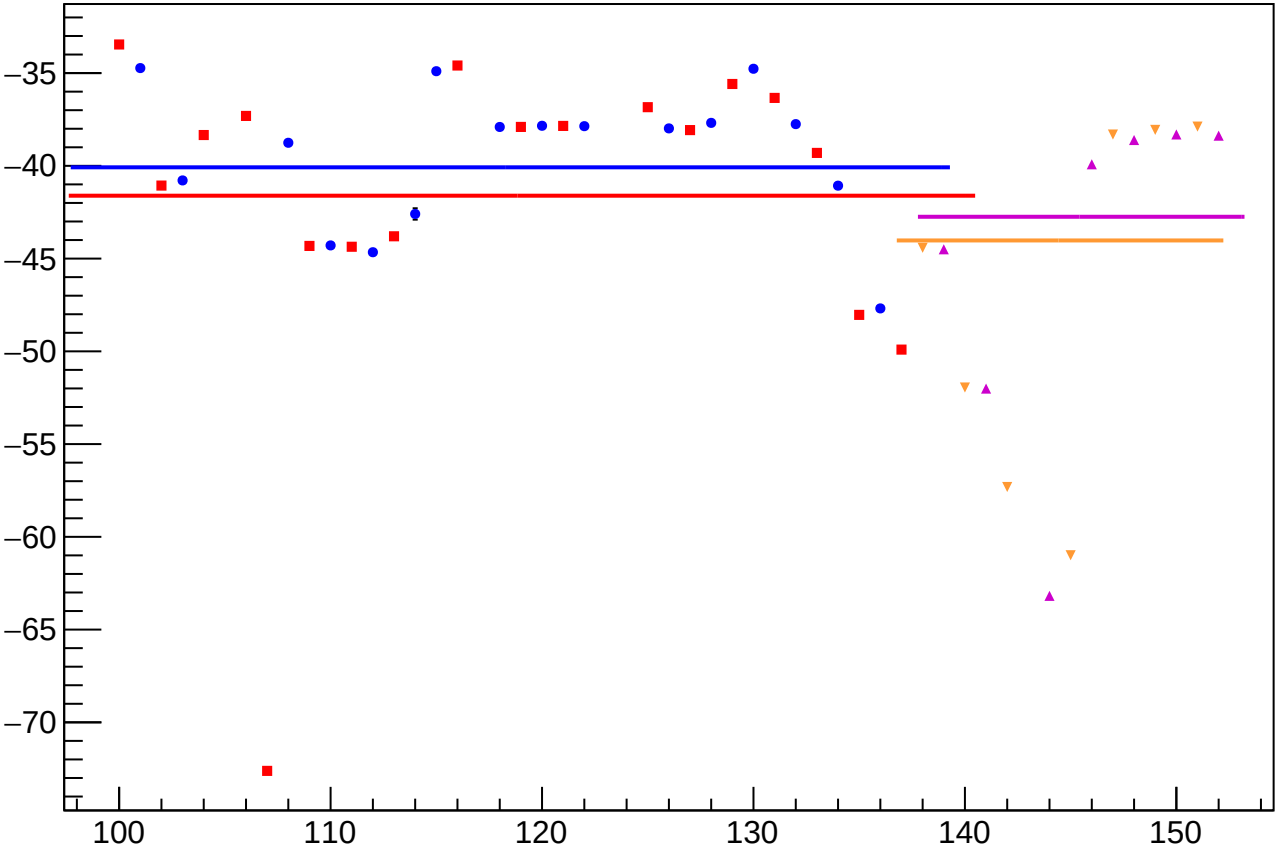
Left In: 13.670+/-0.488 χ^2/NDF:370.1/6

+ sign 12.061+/-0.349 χ^2/NDF: 882.3/22

All: 11.442+/-0.249 χ^2/NDF: 2023.0/47

- sign 10.793+/-0.357 χ^2/NDF: 1134.2/24

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -44.022+/-0.026 χ^2/NDF:94425.6/6

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

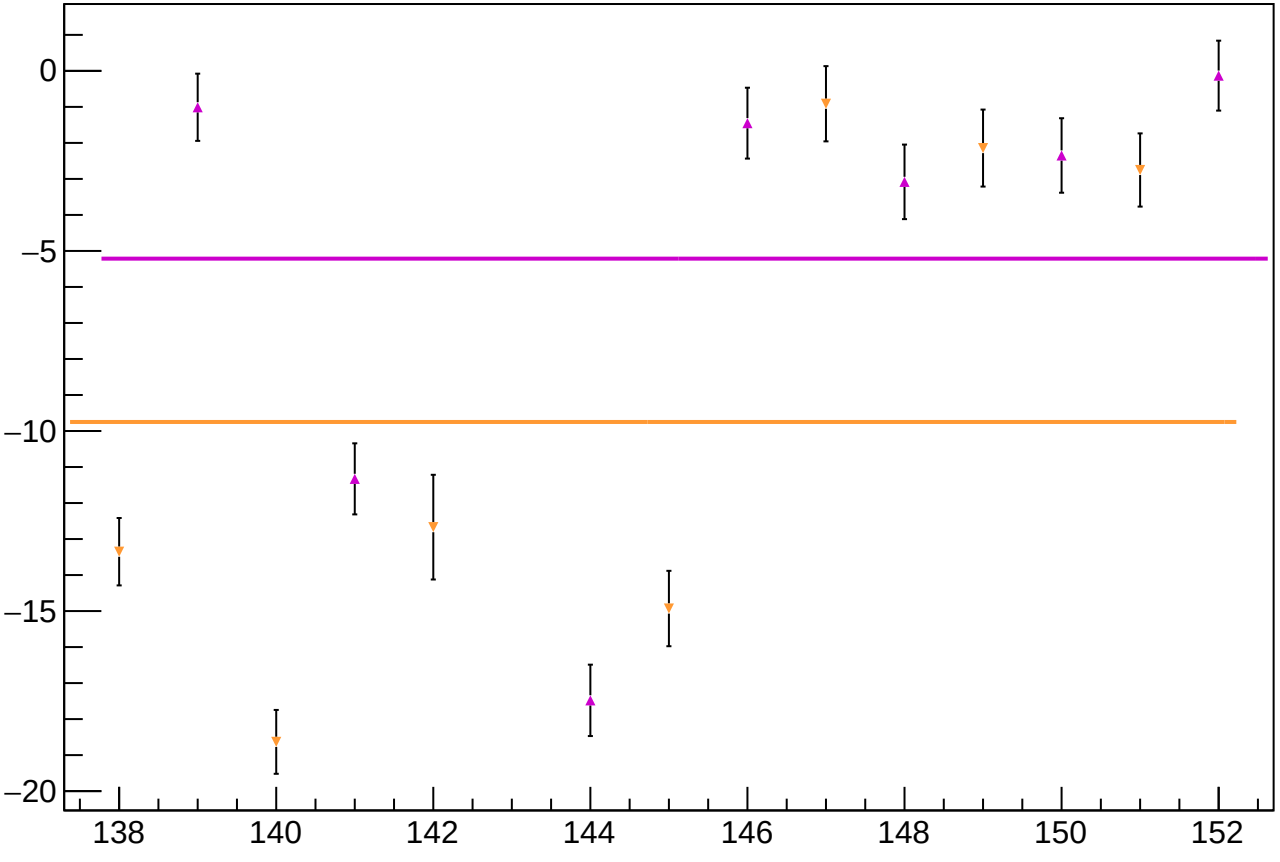
Left In: -42.745+/-0.024 χ^2/NDF:83426.9/6

+ sign -42.187+/-0.019 χ^2/NDF: 129999.2/22

All: -42.228+/-0.013 χ^2/NDF: 276131.7/47

- sign -42.265+/-0.019 χ^2/NDF: 146123.9/24

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -9.749+/-0.390 χ^2/NDF:313.3/6

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

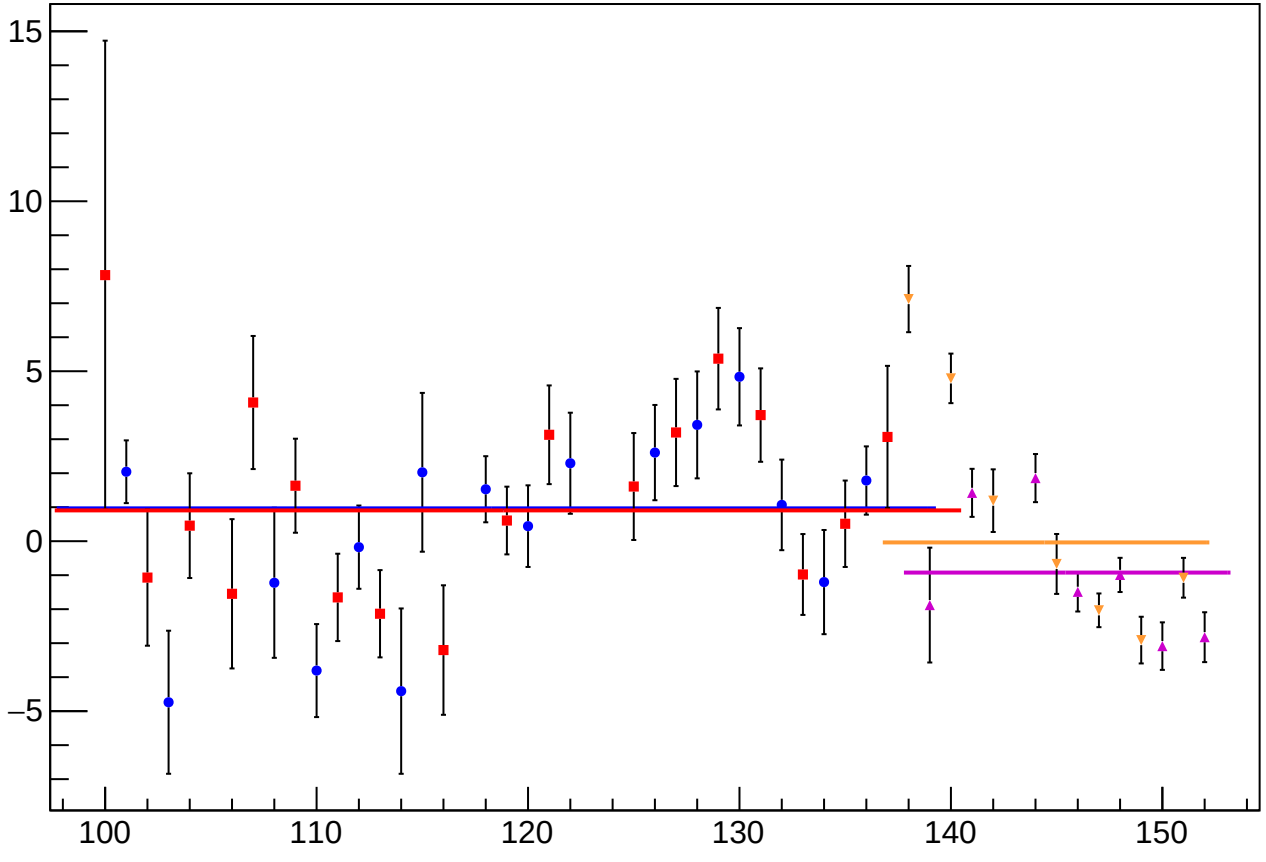
Left In: -5.214+/-0.374 χ^2/NDF:265.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.383+/-0.270 χ^2/NDF: 649.5/13

- 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: -0.036+/-0.263 χ^2/NDF:137.0/6

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

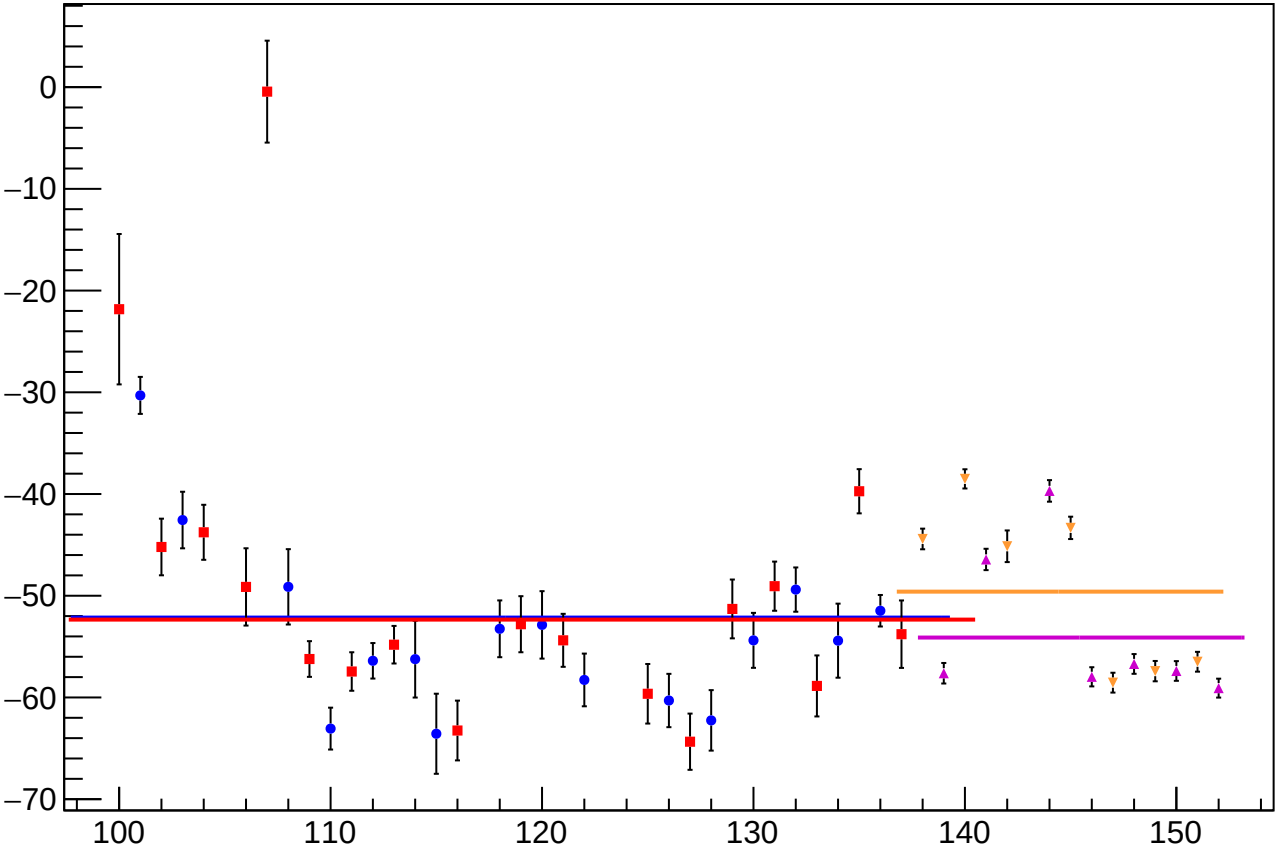
Left In: -0.924+/-0.257 χ^2/NDF:44.0/6

+ sign 0.340+/-0.207 χ^2/NDF: 185.4/22

All: 0.024+/-0.147 χ^2/NDF: 293.6/47

- sign -0.293+/-0.208 χ^2/NDF: 103.5/24

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -49.597+/-0.394 χ^2/NDF:399.9/6

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

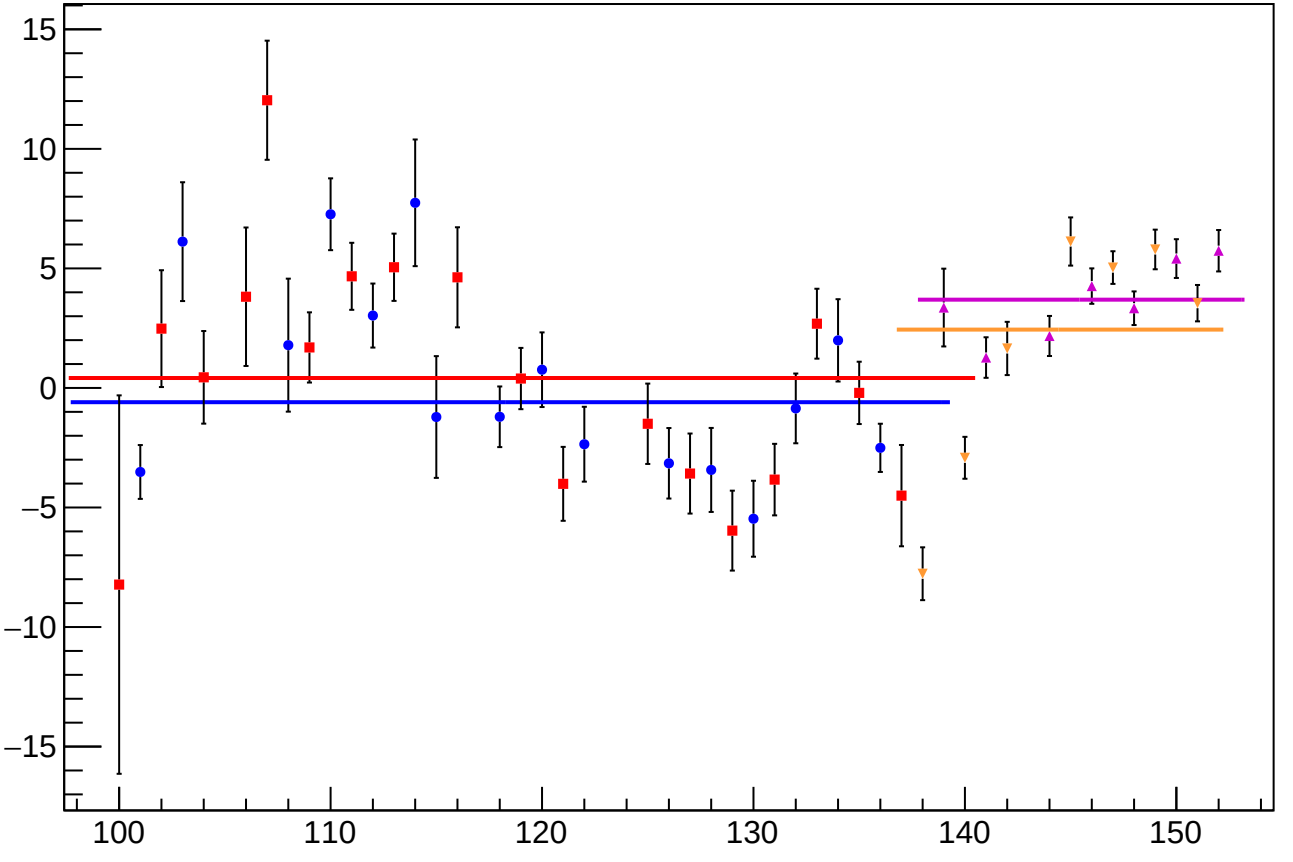
Left In: -54.111+/-0.373 χ^2/NDF:314.6/6

+ sign -50.345+/-0.331 χ^2/NDF: 642.4/22

All: -52.054+/-0.230 χ^2/NDF: 1250.1/47

- sign -53.637+/-0.319 χ^2/NDF: 556.4/24

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: 2.441+/-0.329 χ^2/NDF:169.6/6

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

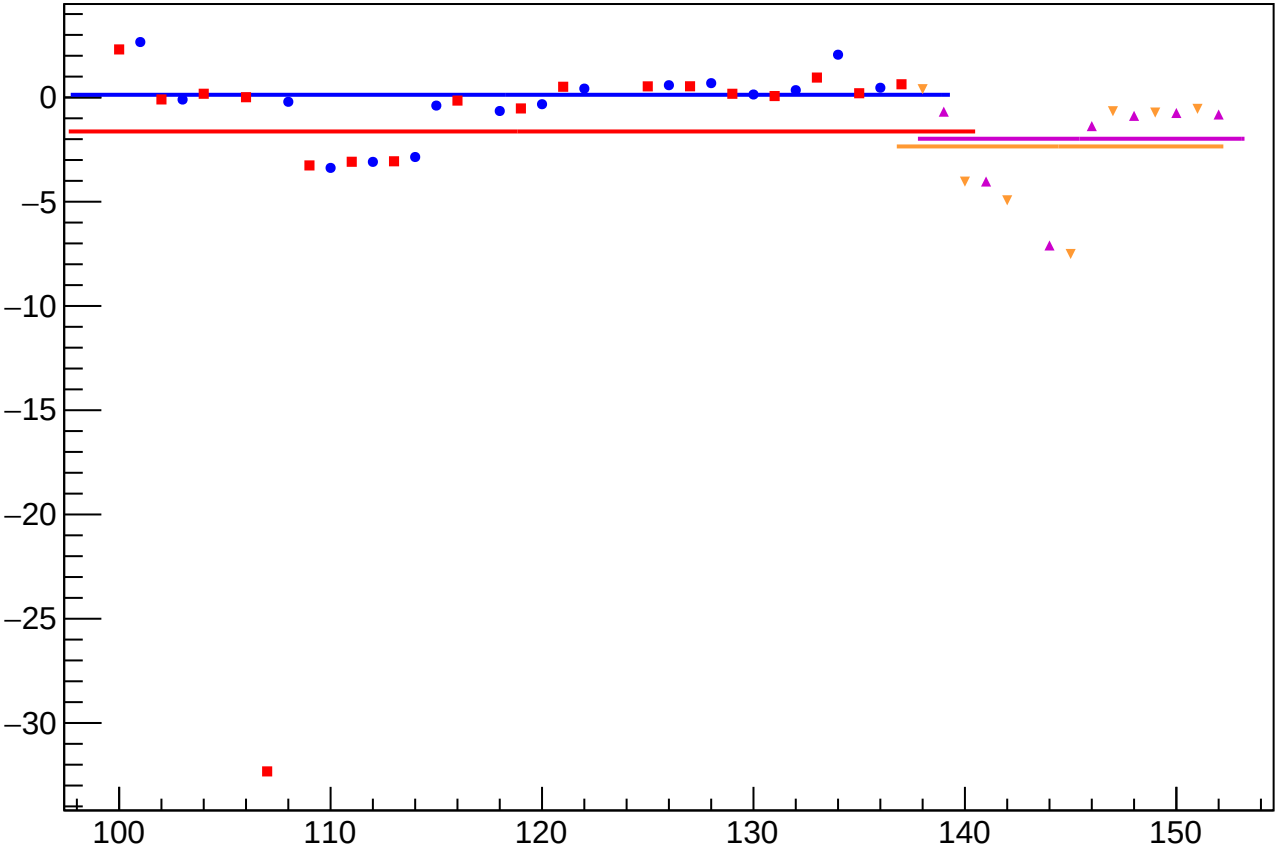
Left In: 3.693+/-0.318 χ^2/NDF:22.4/6

+ sign 1.154+/-0.250 χ^2/NDF: 288.3/22

All: 1.791+/-0.176 χ^2/NDF: 460.5/47

- sign 2.422+/-0.249 χ^2/NDF: 159.3/24

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -2.350+/-0.017 χ^2/NDF:27042.3/6

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

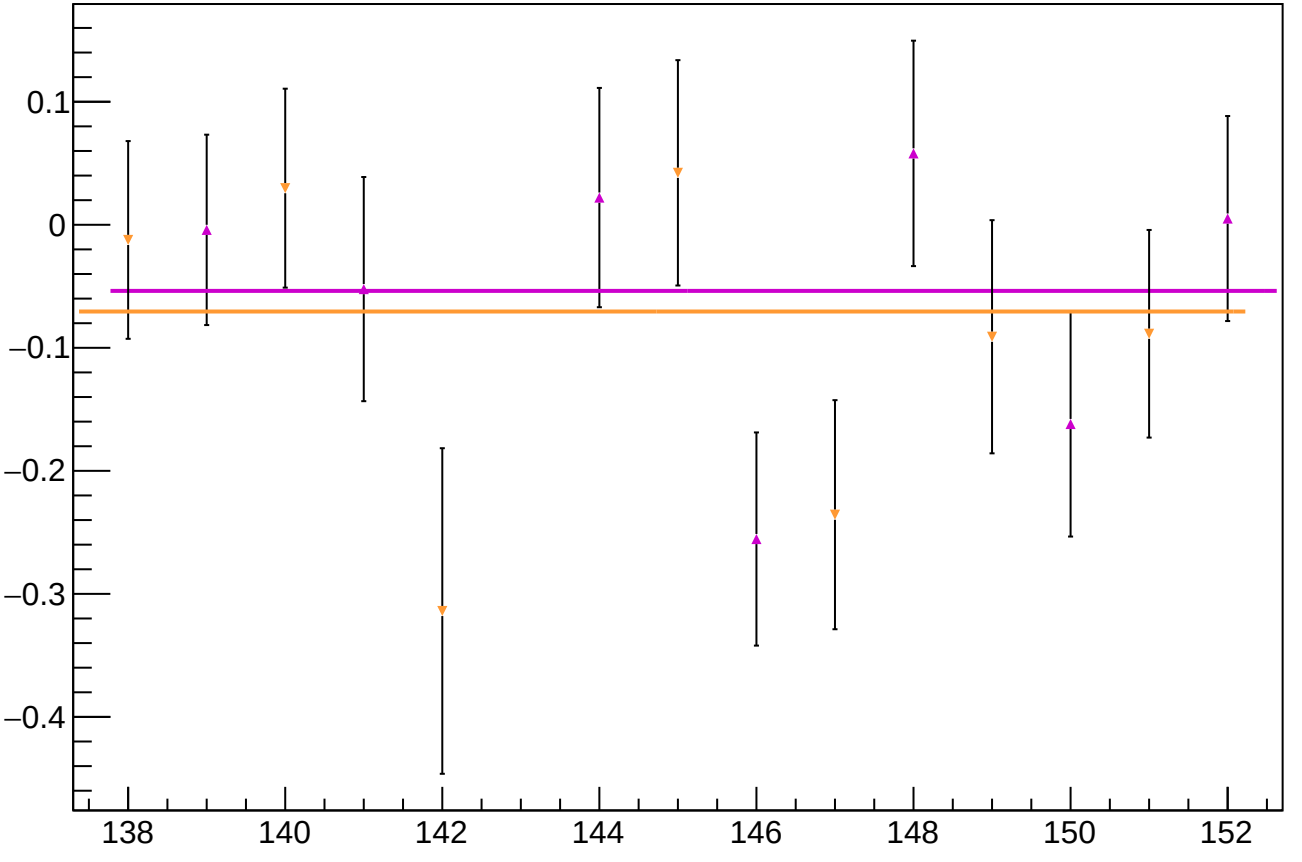
Left In: -1.980+/-0.015 χ^2/NDF:18644.6/6

+ sign -1.419+/-0.013 χ^2/NDF: 40589.4/22

All: -1.652+/-0.009 χ^2/NDF: 137881.3/47

- sign -1.864+/-0.013 χ^2/NDF: 96694.1/24

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.070+/-0.034 χ^2/NDF:10.2/6

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

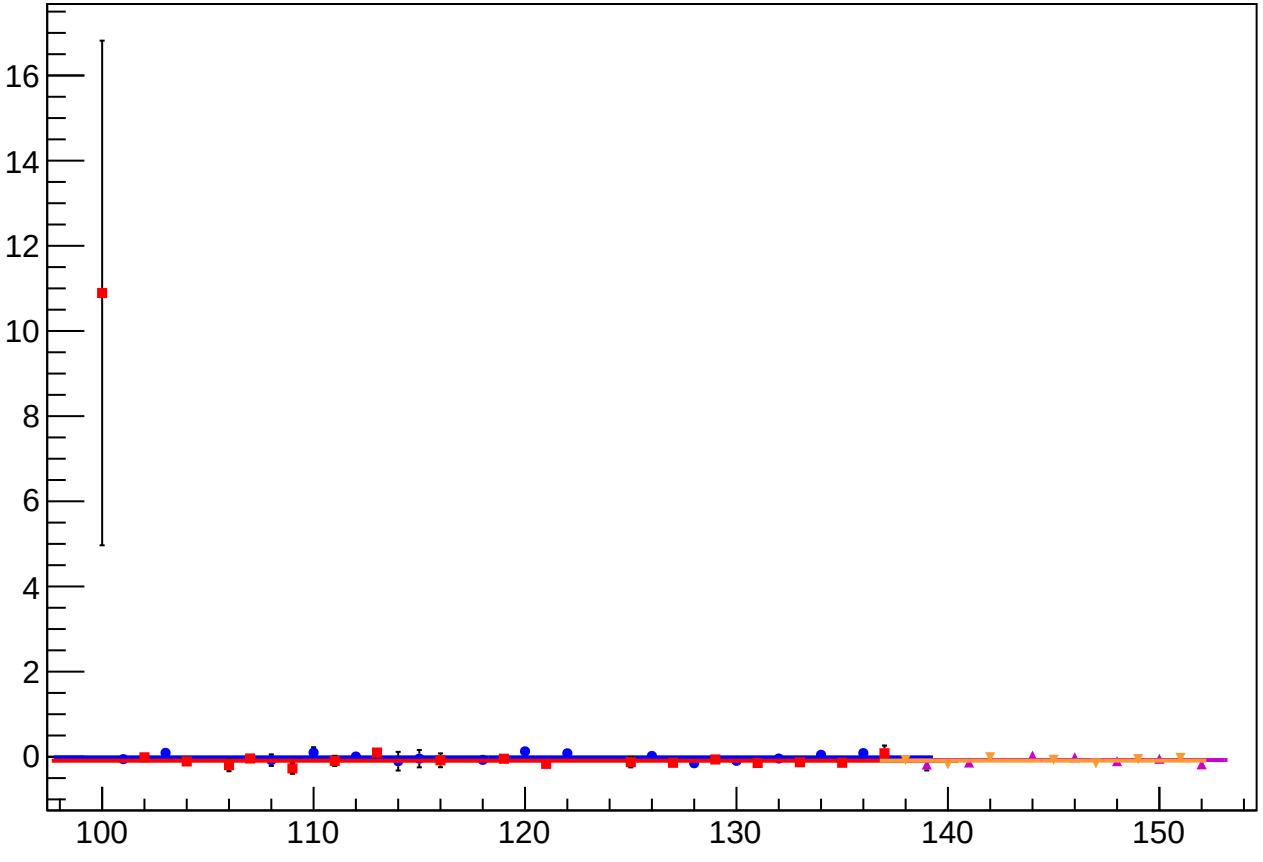
Left In: -0.054+/-0.033 χ^2/NDF:9.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.062+/-0.024 χ^2/NDF: 20.3/13

- 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: -0.089+/-0.023 χ^2/NDF:7.0/6

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

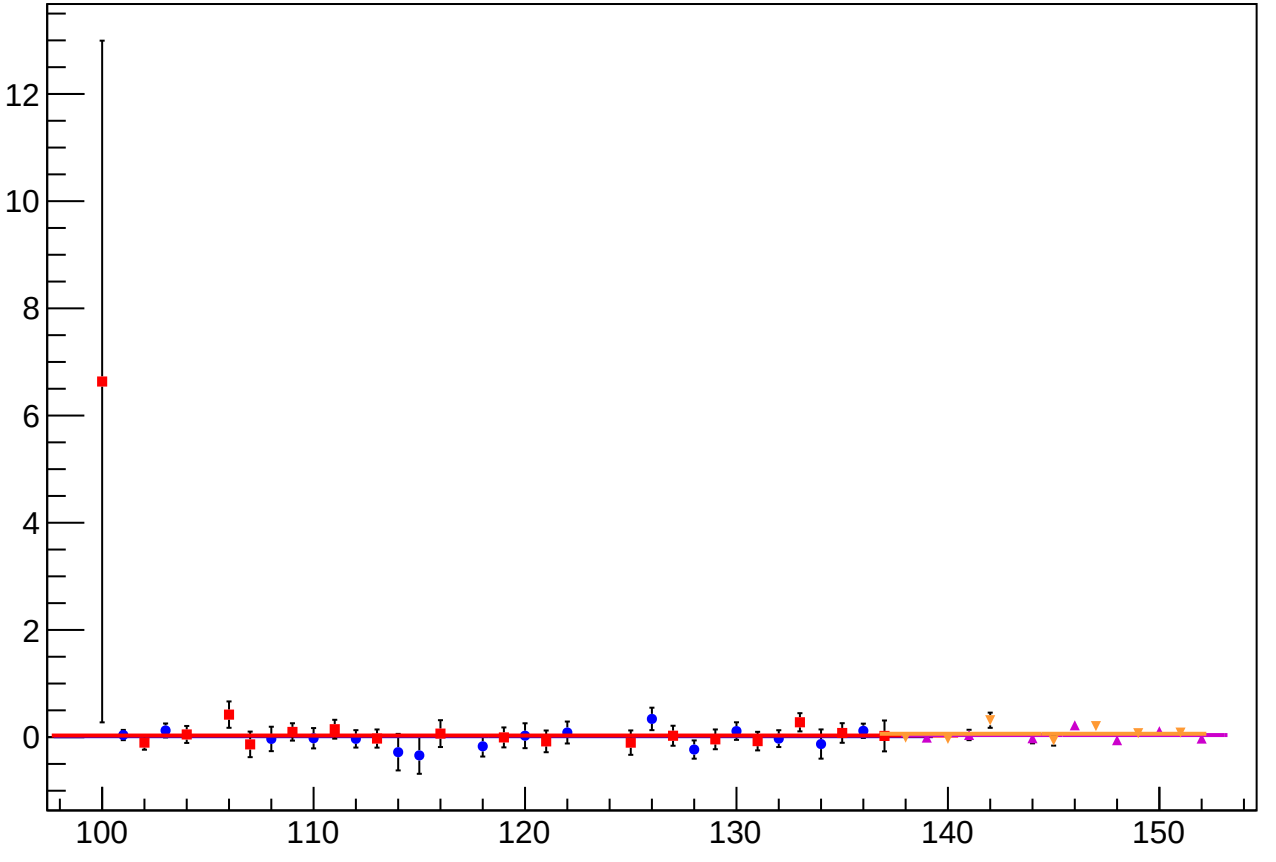
Left In: -0.076+/-0.023 χ^2/NDF:8.7/6

+ sign -0.052+/-0.016 χ^2/NDF: 24.7/22

All: -0.067+/-0.012 χ^2/NDF: 48.1/47

- sign -0.083+/-0.017 χ^2/NDF: 21.7/24

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.063+/-0.035 χ^2/NDF:9.6/6

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

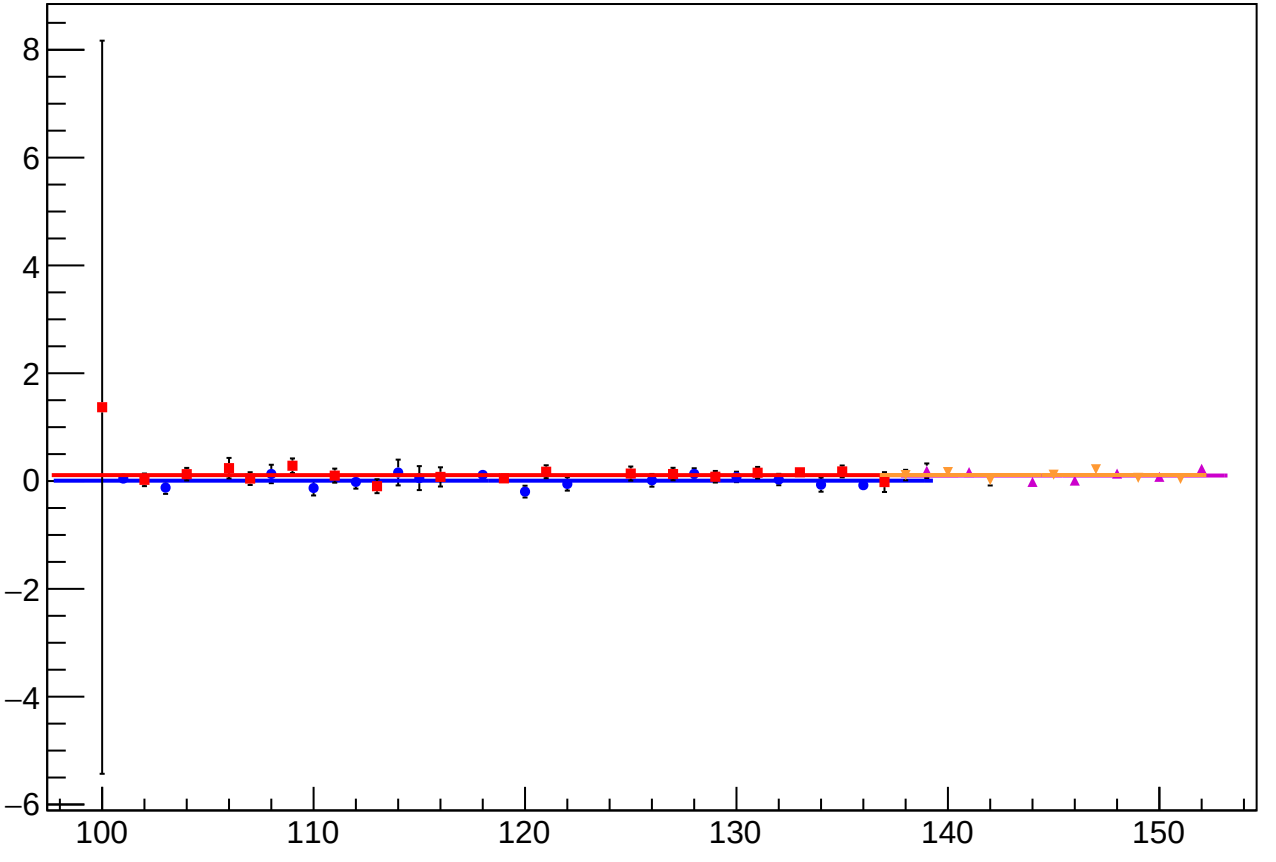
Left In: 0.039+/-0.033 χ^2/NDF:8.1/6

+ sign 0.045+/-0.027 χ^2/NDF: 19.9/22

All: 0.040+/-0.019 χ^2/NDF: 37.3/47

- sign 0.036+/-0.026 χ^2/NDF: 17.4/24

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007+/-0.027 χ^2/NDF: 12.1/15

Left Out: 0.112+/-0.029 χ^2/NDF:6.2/6

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

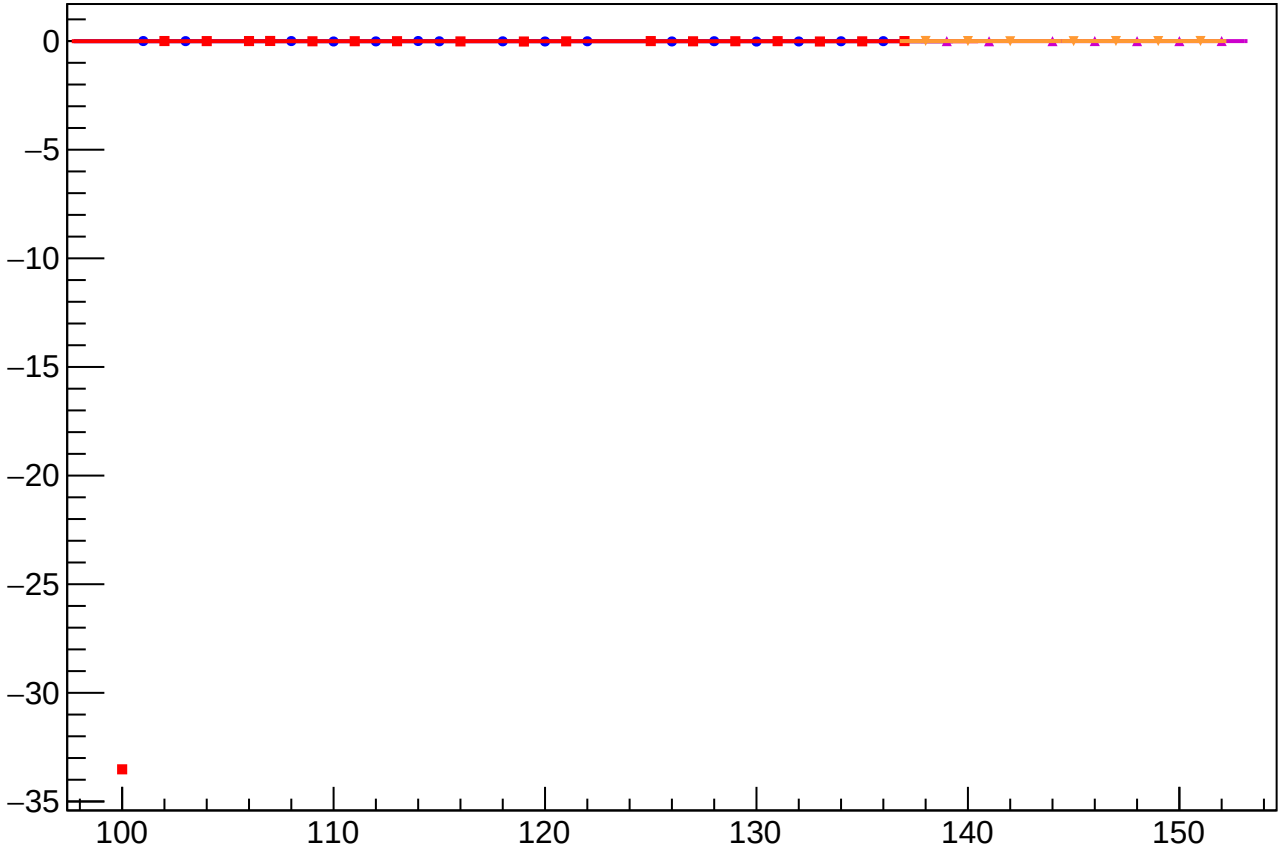
Left In: 0.102+/-0.028 χ^2/NDF:8.9/6

+ sign 0.056+/-0.020 χ^2/NDF: 25.5/22

All: 0.080+/-0.014 χ^2/NDF: 45.5/47

- sign 0.106+/-0.020 χ^2/NDF: 16.9/24

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:6.6/6

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

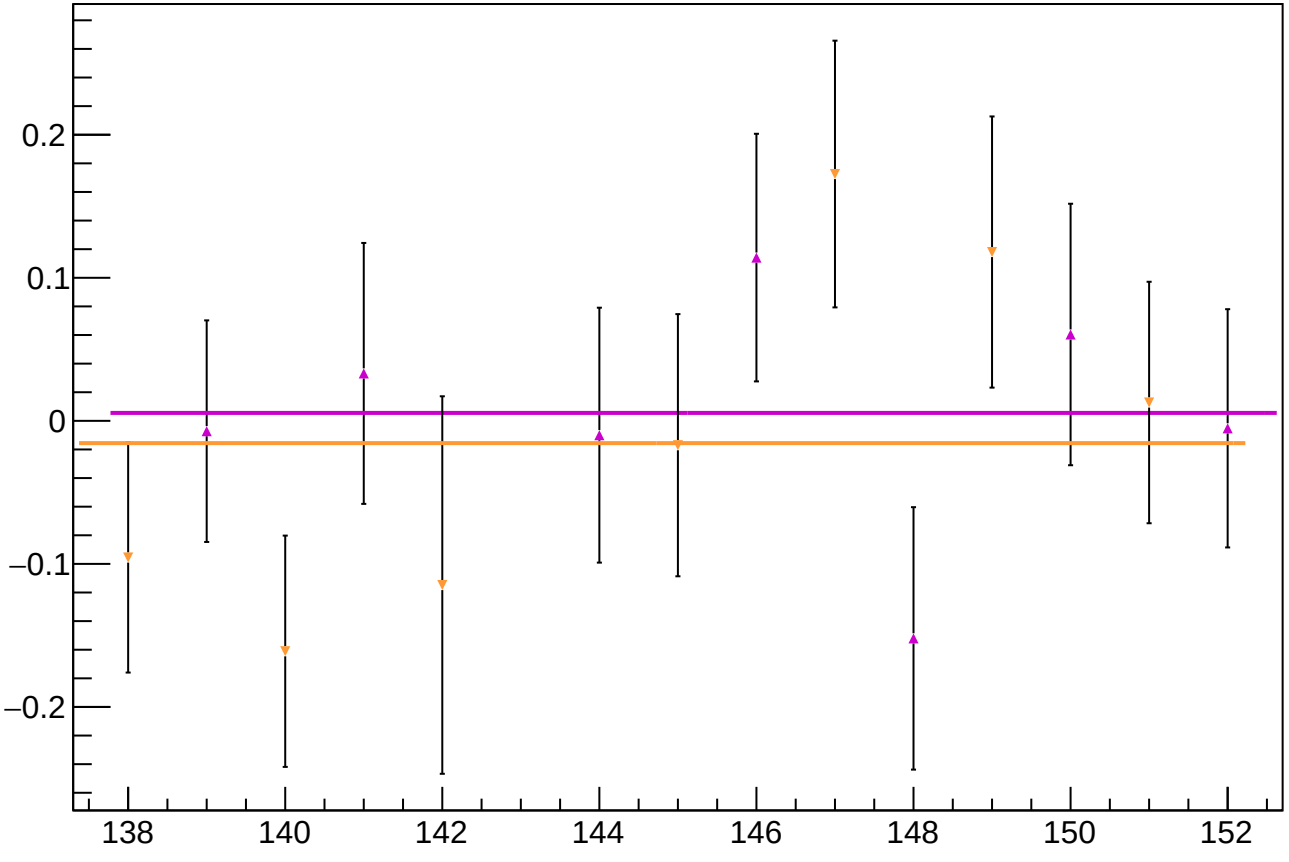
Left In: -0.001+/-0.001 χ^2/NDF:4.5/6

+ sign -0.002+/-0.001 χ^2/NDF: 38.3/22

All: -0.003+/-0.001 χ^2/NDF: 26558.4/47

- sign -0.003+/-0.001 χ^2/NDF: 26519.8/24

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.016+/-0.034 χ^2/NDF:11.0/6

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

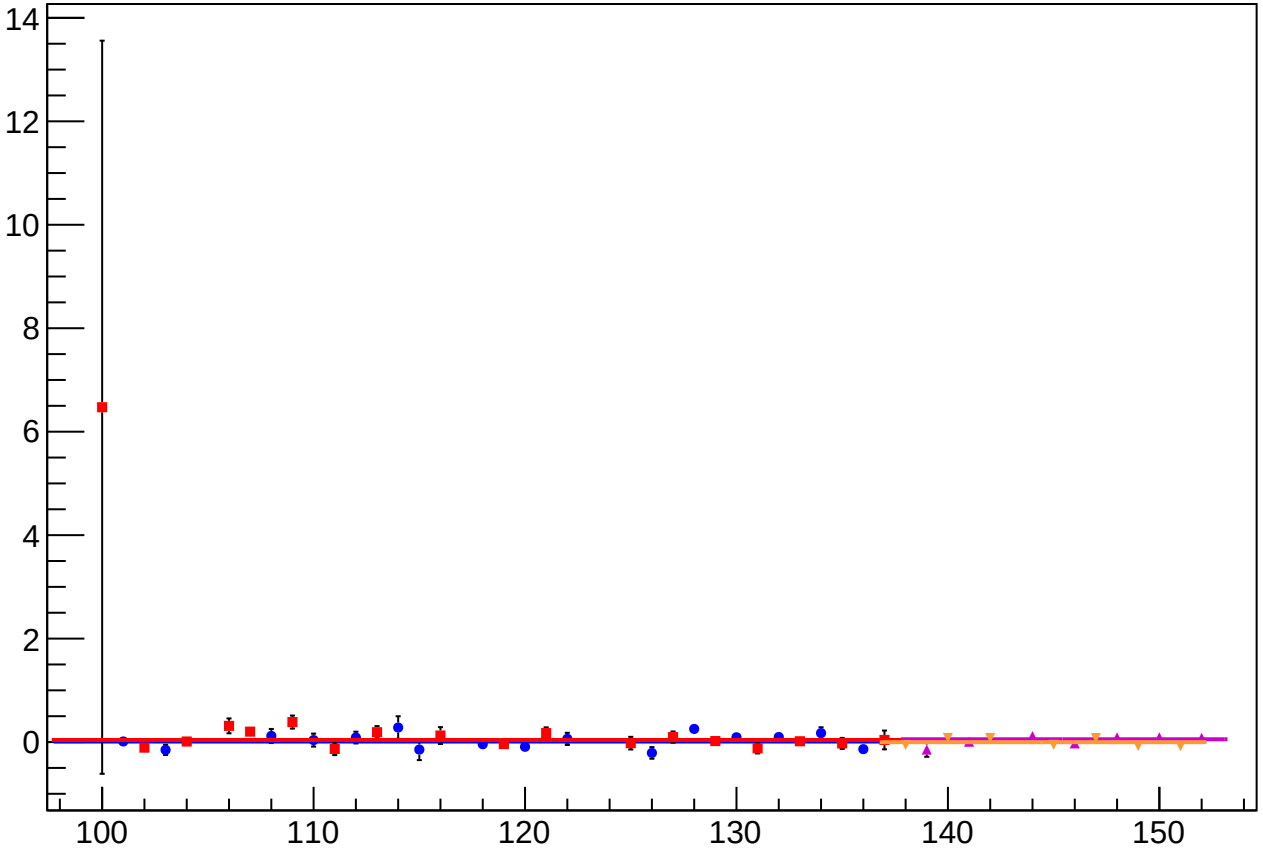
Left In: 0.006+/-0.033 χ^2/NDF:5.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.005+/-0.024 χ^2/NDF: 16.2/13

- 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: -0.002+/-0.023 χ^2/NDF:10.6/6

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

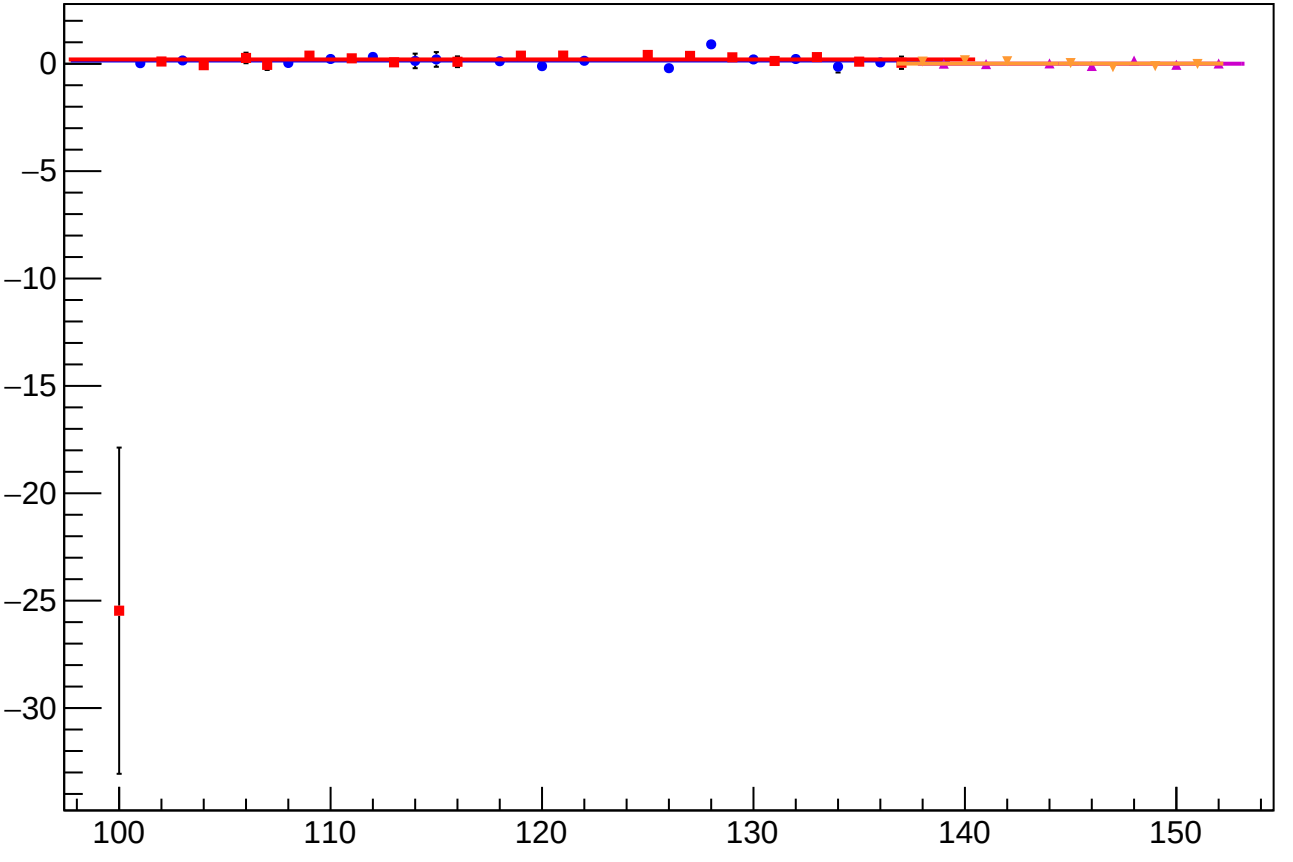
Left In: 0.054+/-0.023 χ^2/NDF:7.1/6

+ sign 0.004+/-0.016 χ^2/NDF: 36.2/22

All: 0.025+/-0.012 χ^2/NDF: 74.8/47

- sign 0.048+/-0.017 χ^2/NDF: 35.2/24

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.008+/-0.035 χ^2/NDF:10.6/6

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

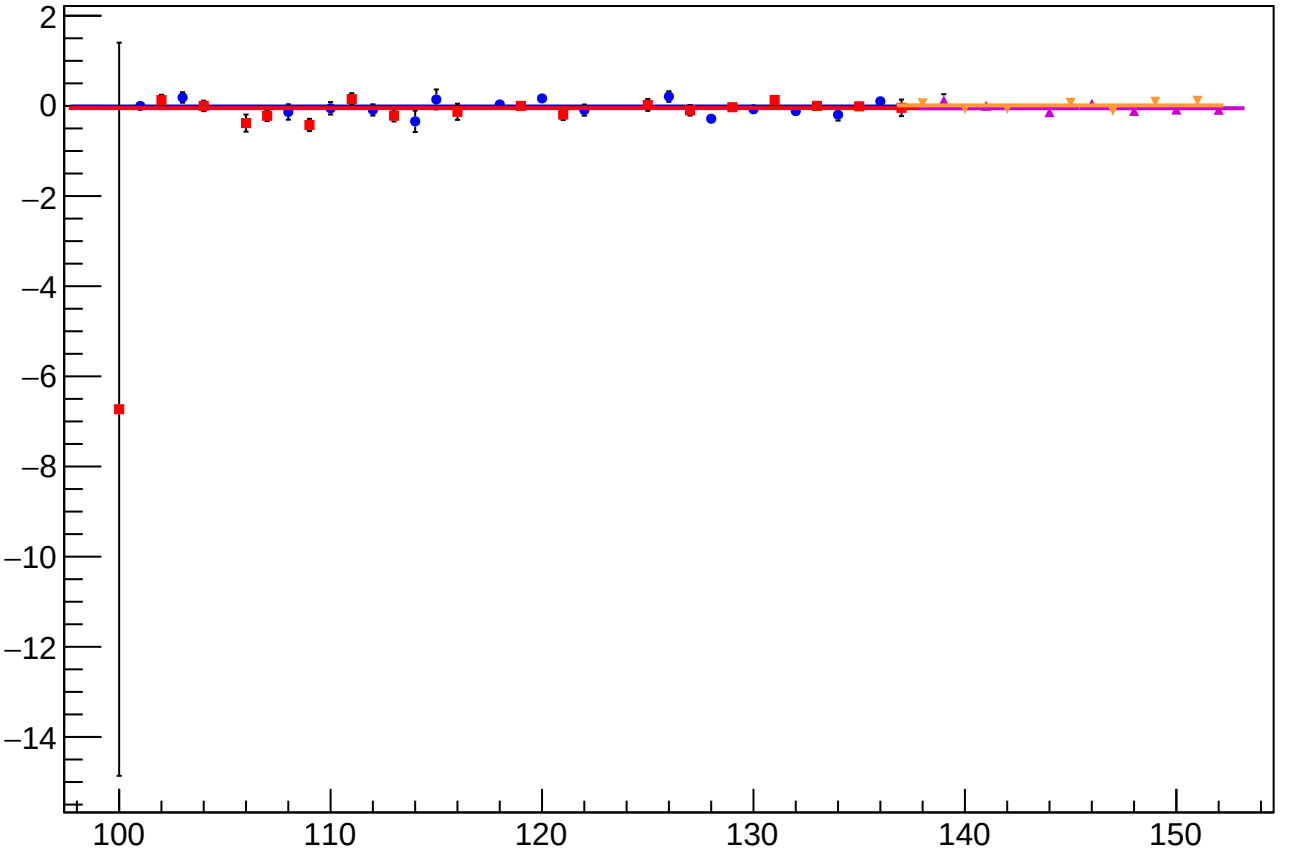
Left In: 0.002+/-0.033 χ^2/NDF:4.9/6

+ sign 0.065+/-0.027 χ^2/NDF: 46.1/22

All: 0.068+/-0.019 χ^2/NDF: 86.7/47

- sign 0.071+/-0.026 χ^2/NDF: 40.5/24

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: 0.012+/-0.029 χ^2/NDF:10.1/6

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

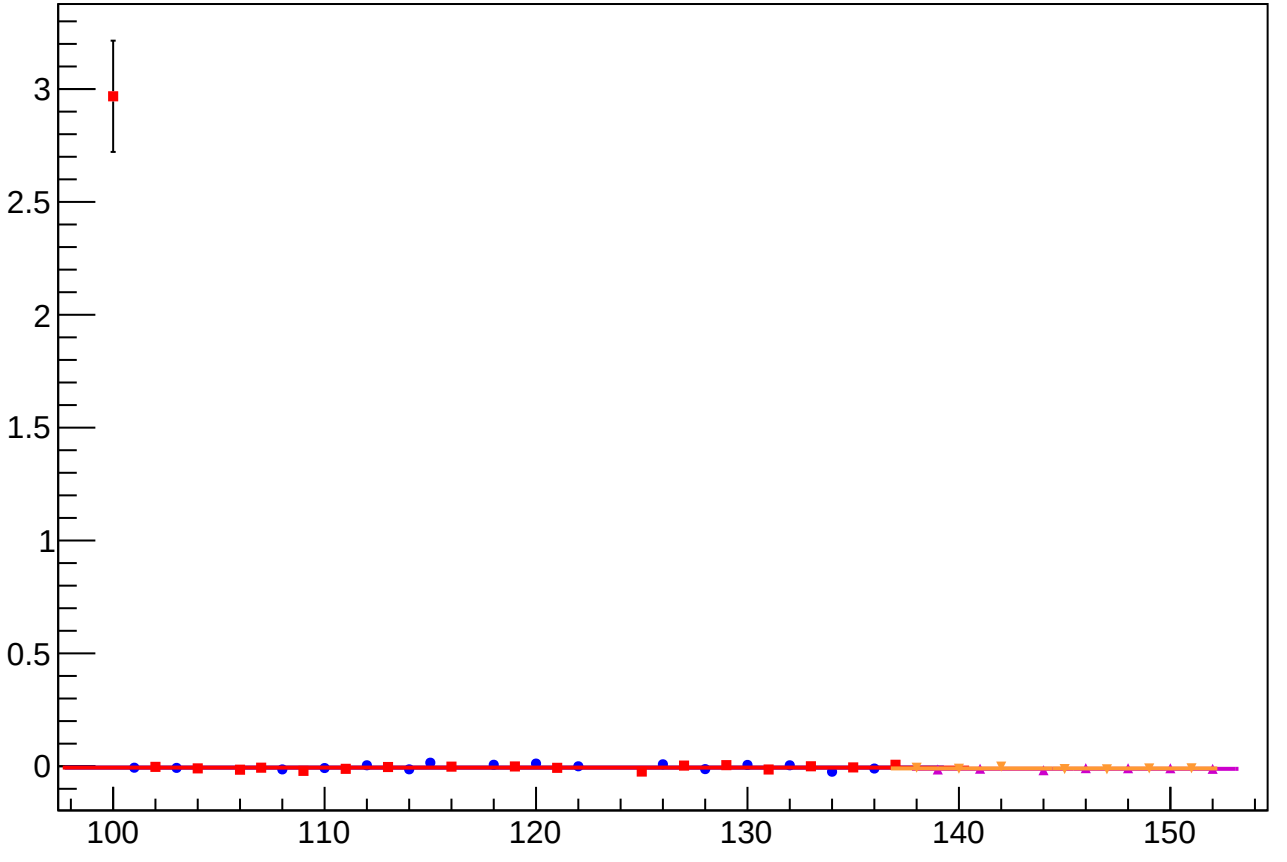
Left In: -0.052+/-0.028 χ^2/NDF:7.1/6

+ sign -0.002+/-0.020 χ^2/NDF: 35.7/22

All: -0.026+/-0.014 χ^2/NDF: 71.6/47

- sign -0.051+/-0.020 χ^2/NDF: 32.9/24

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.010+/-0.001 χ^2/NDF:4.5/6

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

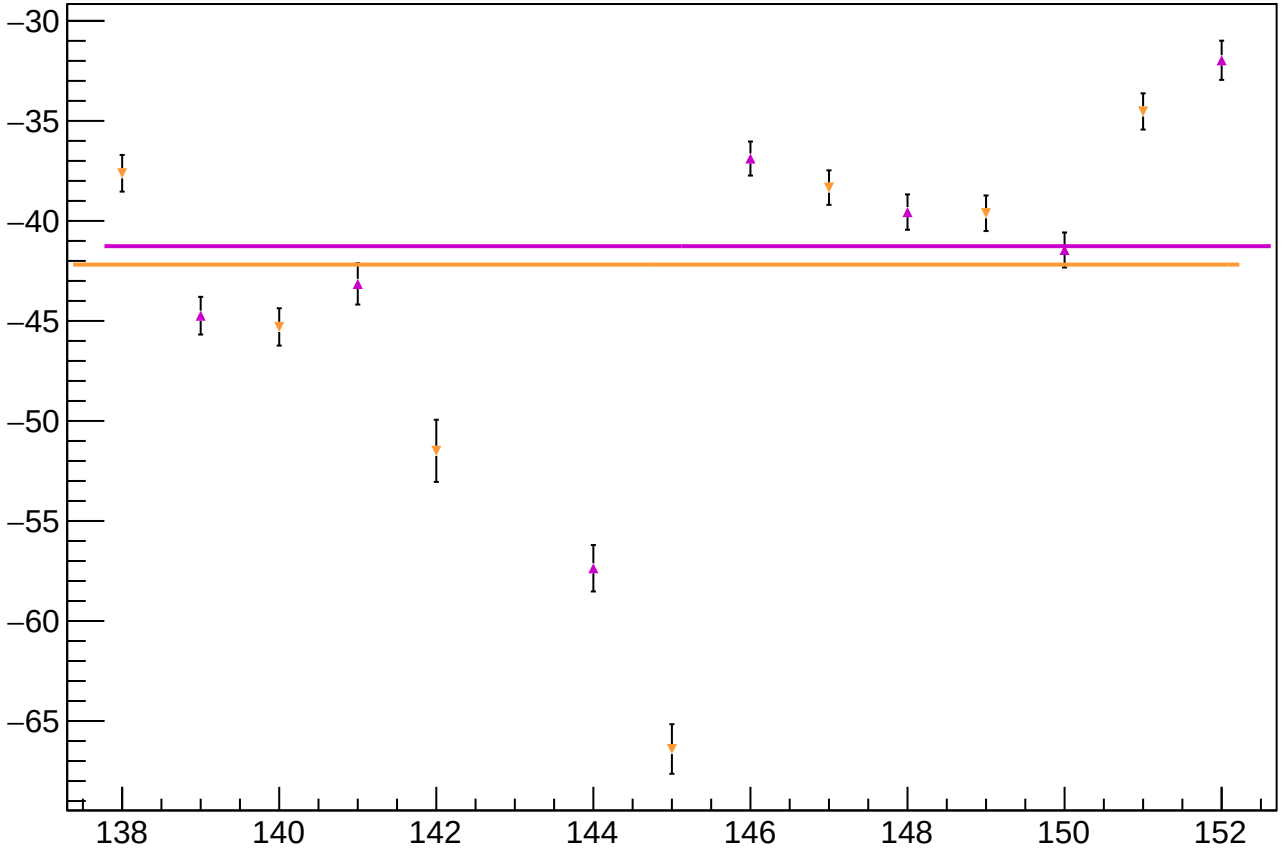
Left In: -0.012+/-0.001 χ^2/NDF:4.8/6

+ sign -0.008+/-0.001 χ^2/NDF: 36.6/22

All: -0.008+/-0.001 χ^2/NDF: 215.7/47

- sign -0.009+/-0.001 χ^2/NDF: 178.4/24

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -42.183+/-0.372 χ^2/NDF:553.3/6

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

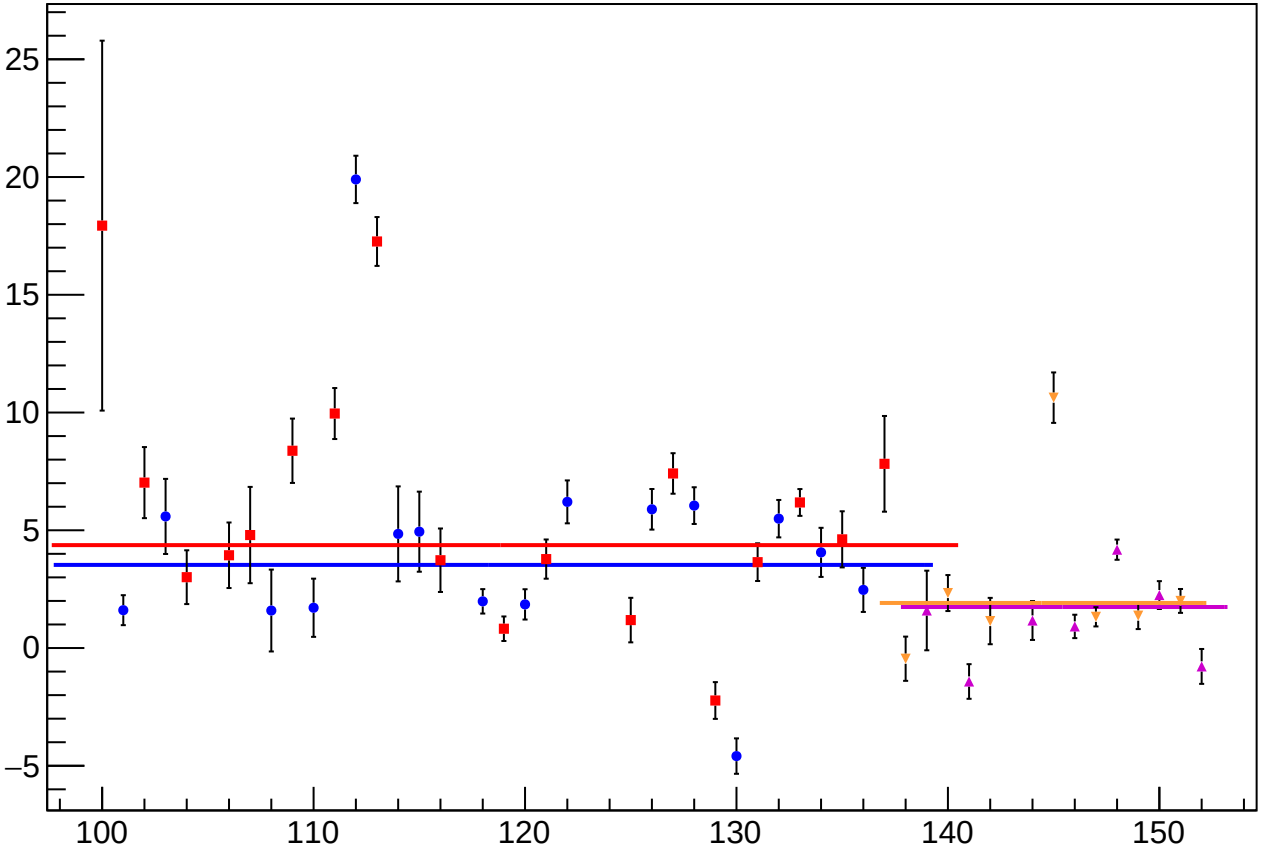
Left In: -41.263+/-0.358 χ^2/NDF:329.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -41.705+/-0.258 χ^2/NDF: 886.0/13

- 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: 1.914+/-0.238 χ^2/NDF:76.5/6

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

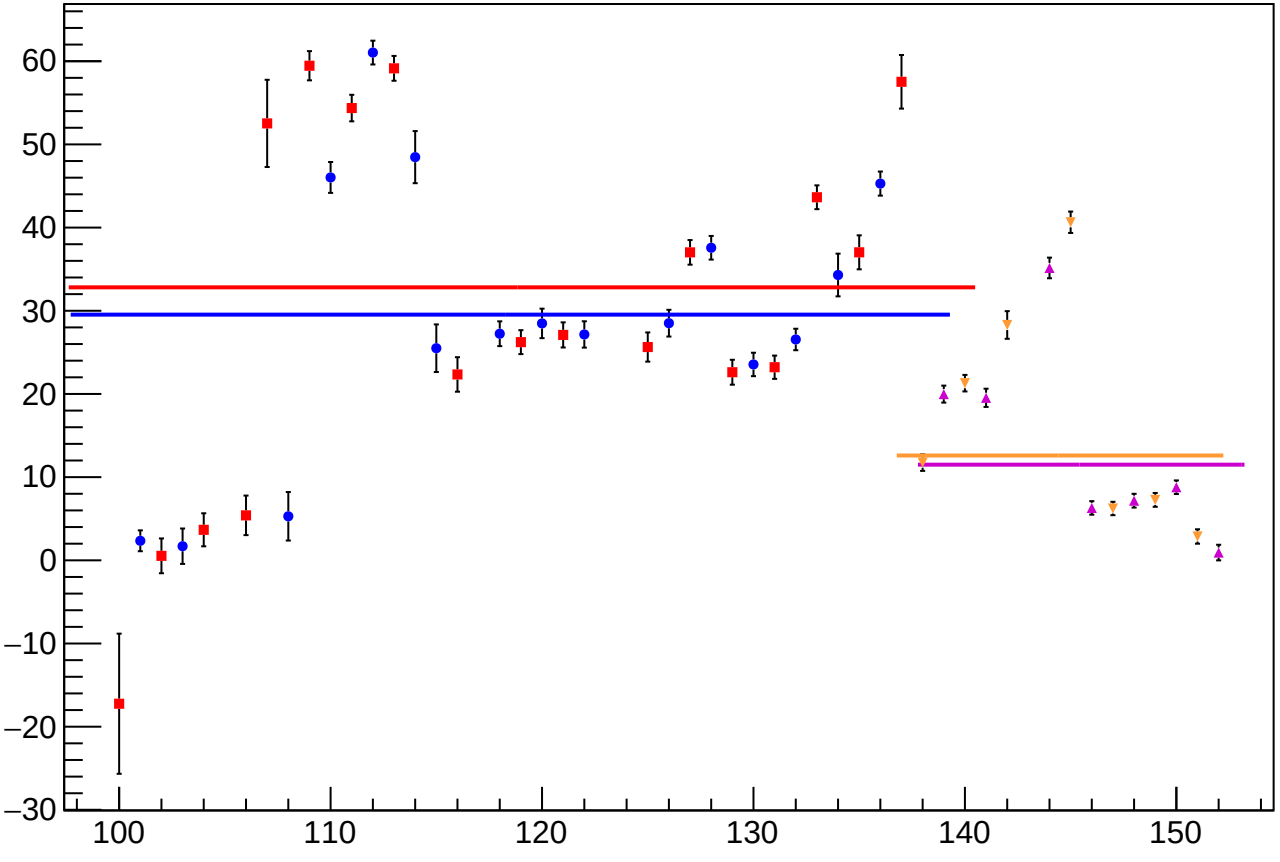
Left In: 1.742+/-0.237 χ^2/NDF:66.3/6

+ sign 2.794+/-0.160 χ^2/NDF: 548.2/22

All: 2.954+/-0.114 χ^2/NDF: 1034.9/47

- sign 3.120+/-0.163 χ^2/NDF: 484.7/24

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 12.603+/-0.370 χ^2/NDF:871.9/6

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

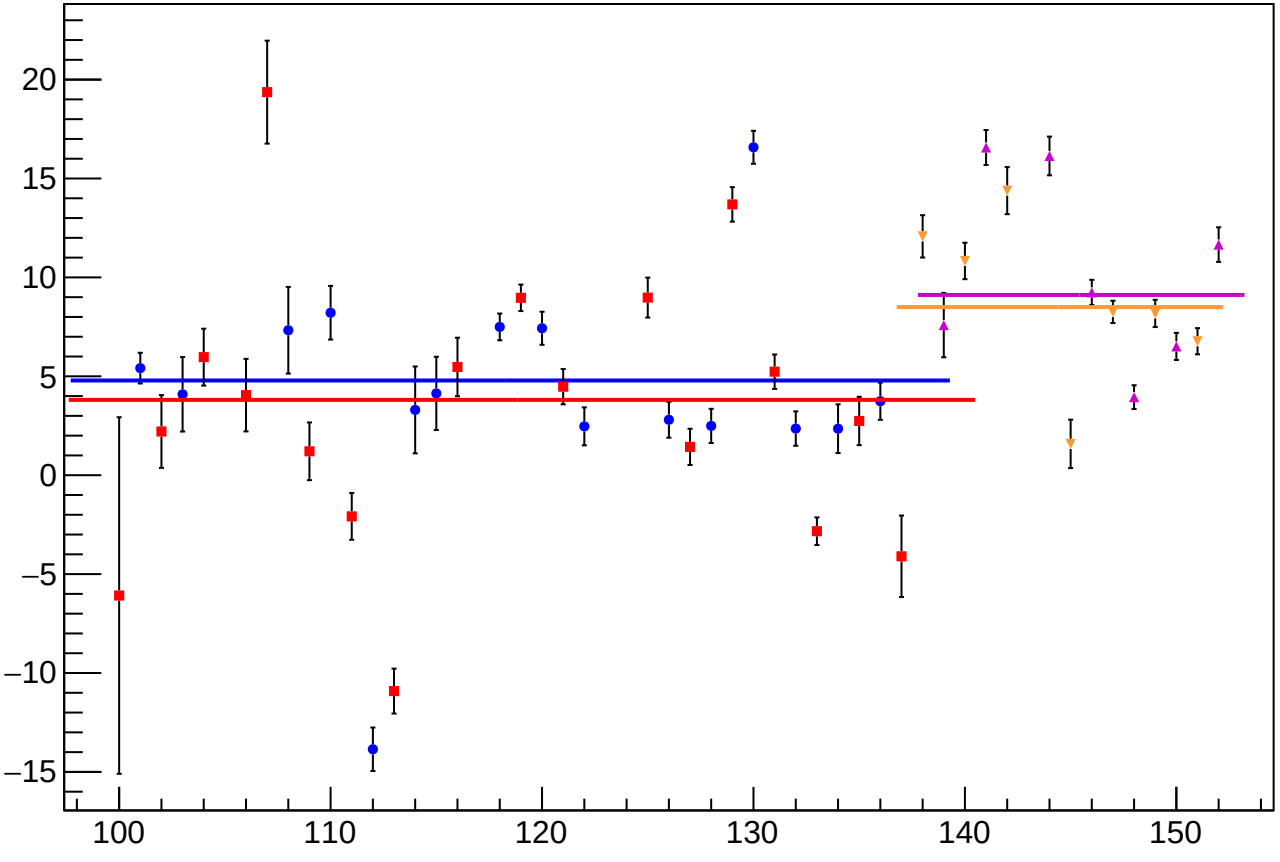
Left In: 11.499+/-0.353 χ^2/NDF:691.8/6

+ sign 20.059+/-0.277 χ^2/NDF: 3290.6/22

All: 20.154+/-0.194 χ^2/NDF: 7140.6/47

- sign 20.246+/-0.271 χ^2/NDF: 3849.8/24

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 8.501+/-0.302 χ^2/NDF:81.1/6

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

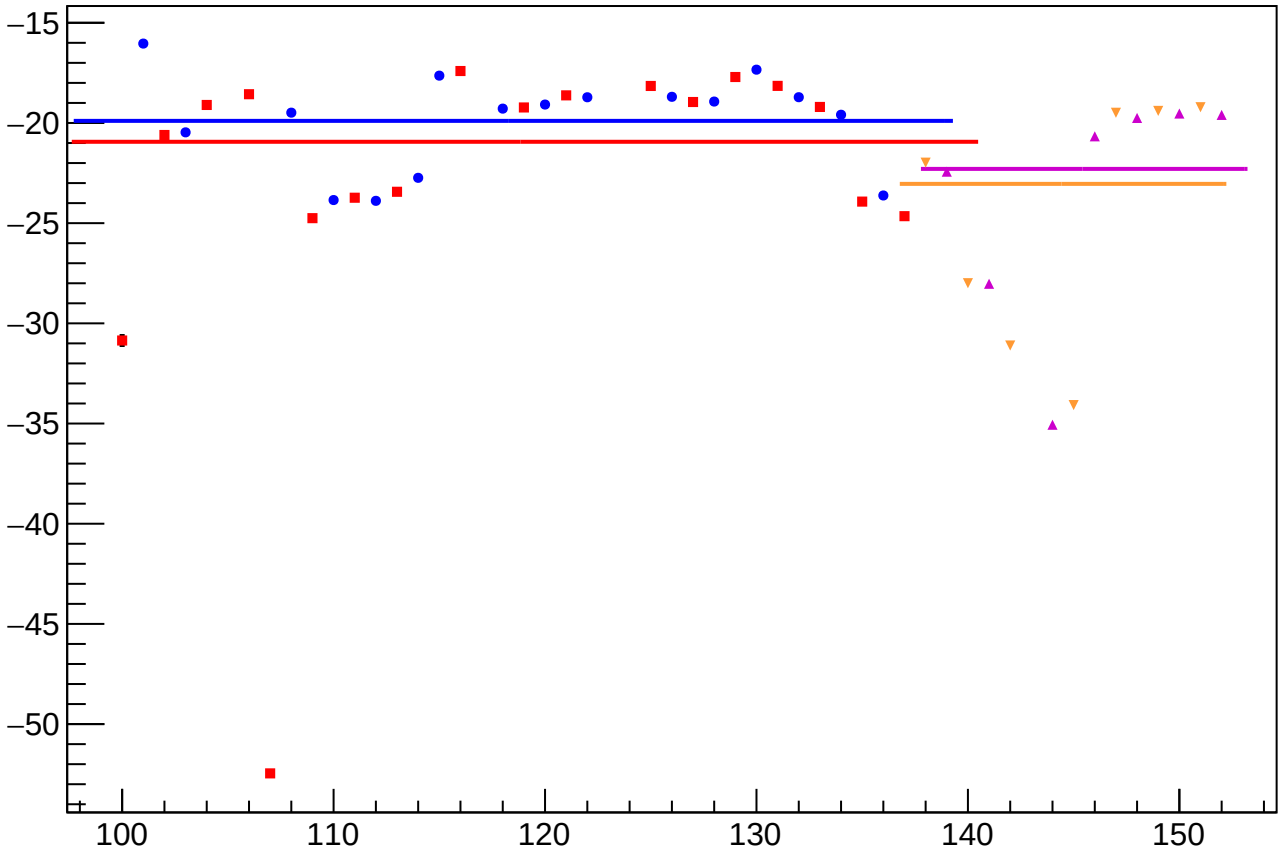
Left In: 9.113+/-0.296 χ^2/NDF:220.5/6

+ sign 6.307+/-0.193 χ^2/NDF: 724.4/22

All: 6.207+/-0.137 χ^2/NDF: 1694.8/47

- sign 6.105+/-0.195 χ^2/NDF: 969.9/24

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -23.039+/-0.016 χ^2/NDF:104791.6/6

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

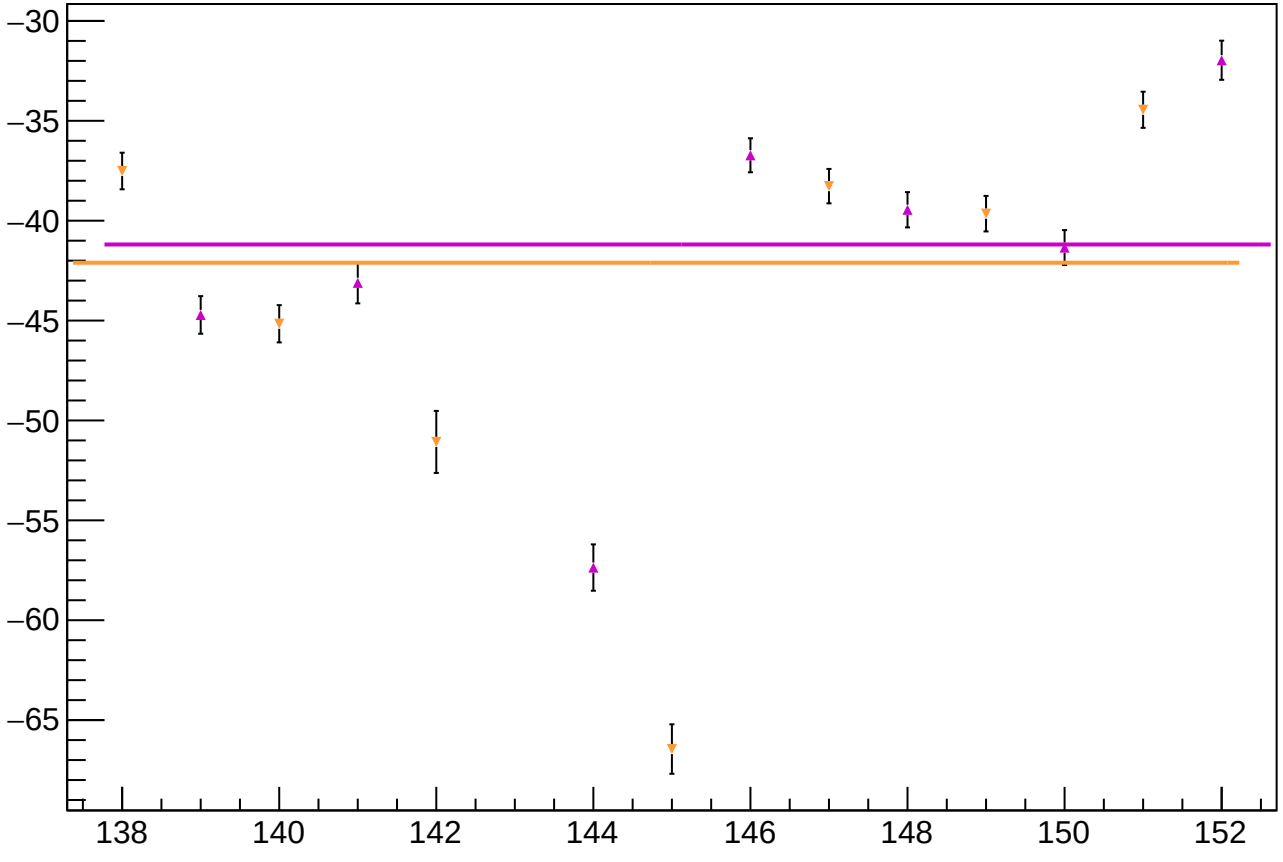
Left In: -22.292+/-0.015 χ^2/NDF:90151.4/6

+ sign -21.438+/-0.011 χ^2/NDF: 150882.3/22

All: -21.554+/-0.008 χ^2/NDF: 339276.8/47

- sign -21.662+/-0.011 χ^2/NDF: 188184.3/24

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -42.104+/-0.372 χ^2/NDF:554.5/6

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

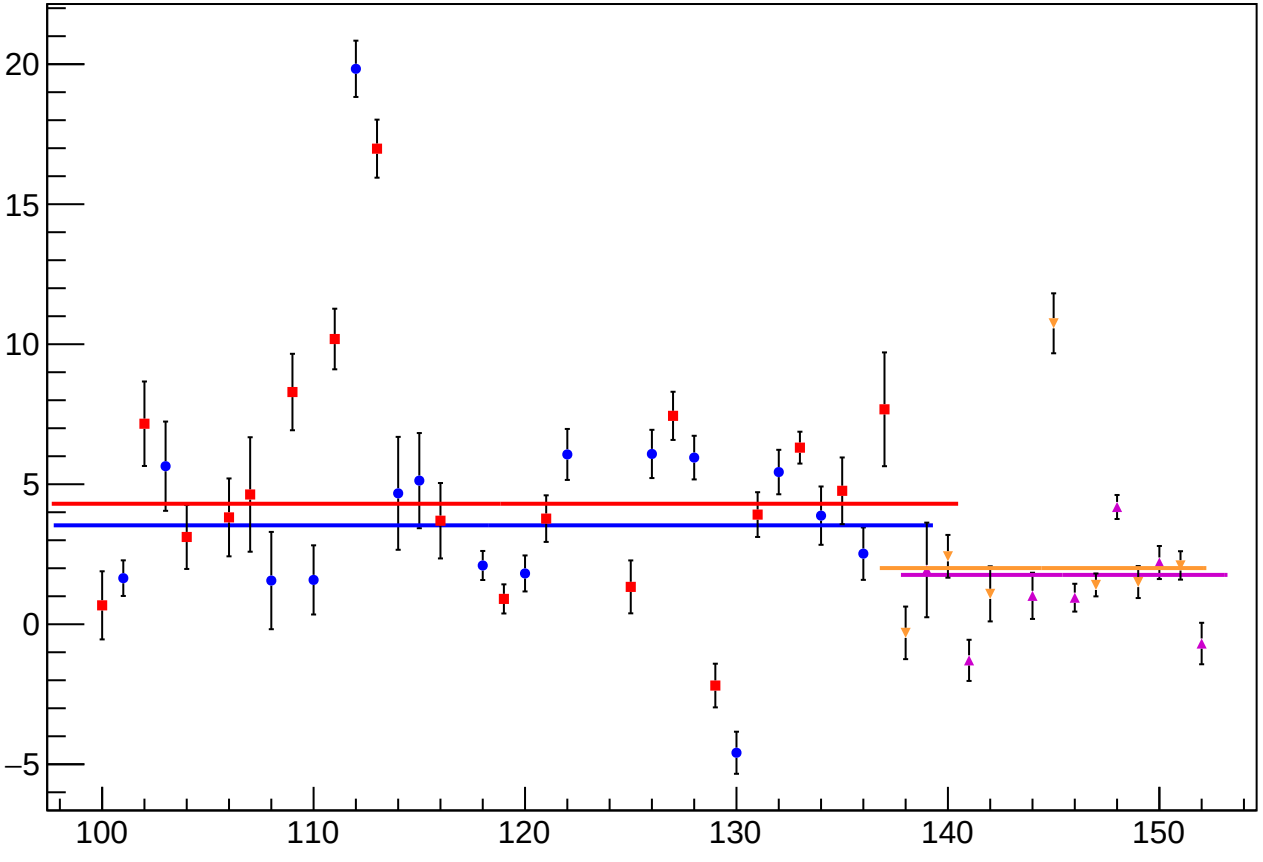
Left In: -41.191+/-0.357 χ^2/NDF:332.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -41.630+/-0.258 χ^2/NDF: 889.7/13

- 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: 2.006+/-0.238 χ^2/NDF:76.9/6

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

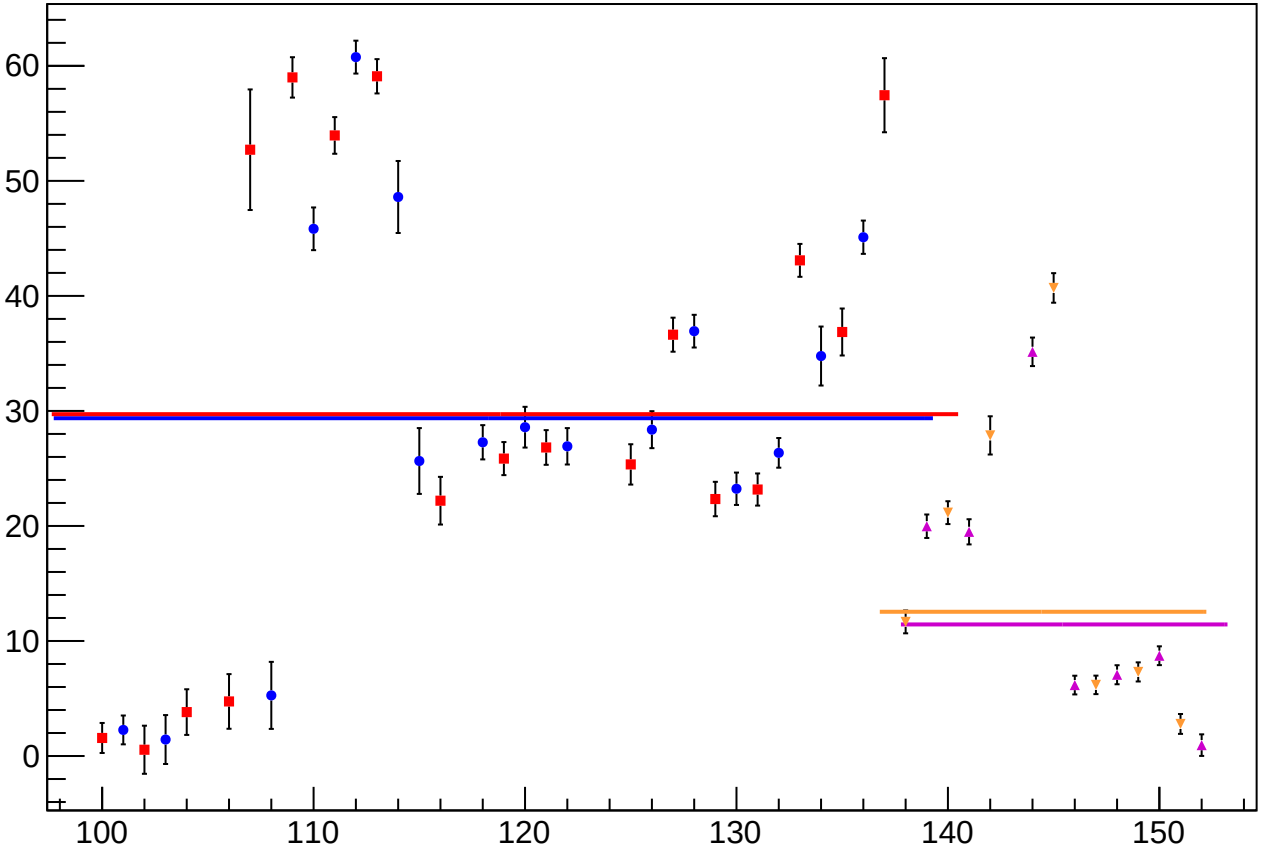
Left In: 1.763+/-0.237 χ^2/NDF:64.3/6

+ sign 2.838+/-0.160 χ^2/NDF: 542.6/22

All: 2.976+/-0.114 χ^2/NDF: 1022.6/47

- sign 3.116+/-0.162 χ^2/NDF: 478.5/24

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 12.540+/-0.369 χ^2/NDF:870.1/6

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

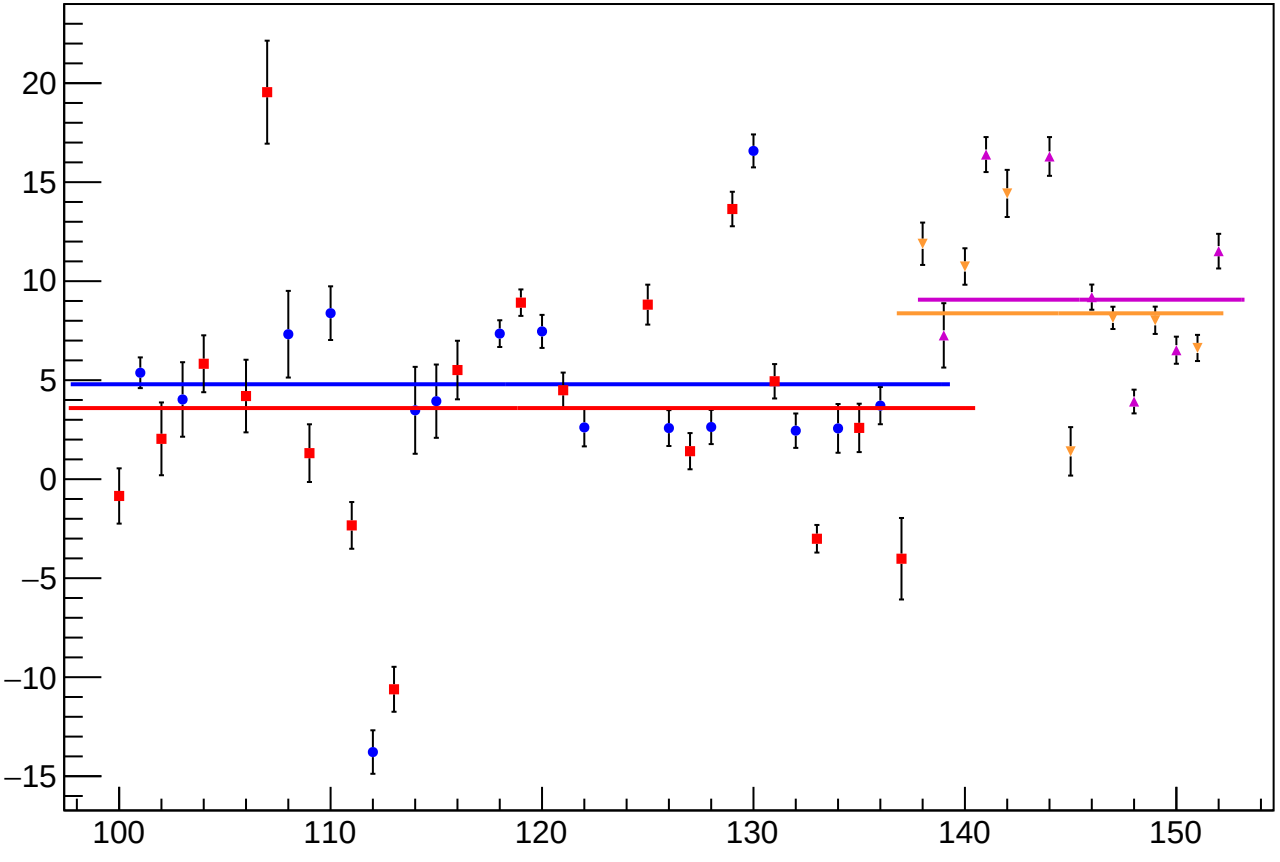
Left In: 11.438+/-0.353 χ^2/NDF:695.3/6

+ sign 19.950+/-0.276 χ^2/NDF: 3272.3/22

All: 19.650+/-0.191 χ^2/NDF: 7266.9/47

- sign 19.374+/-0.265 χ^2/NDF: 3992.4/24

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 8.377+/-0.302 χ^2/NDF:83.1/6

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

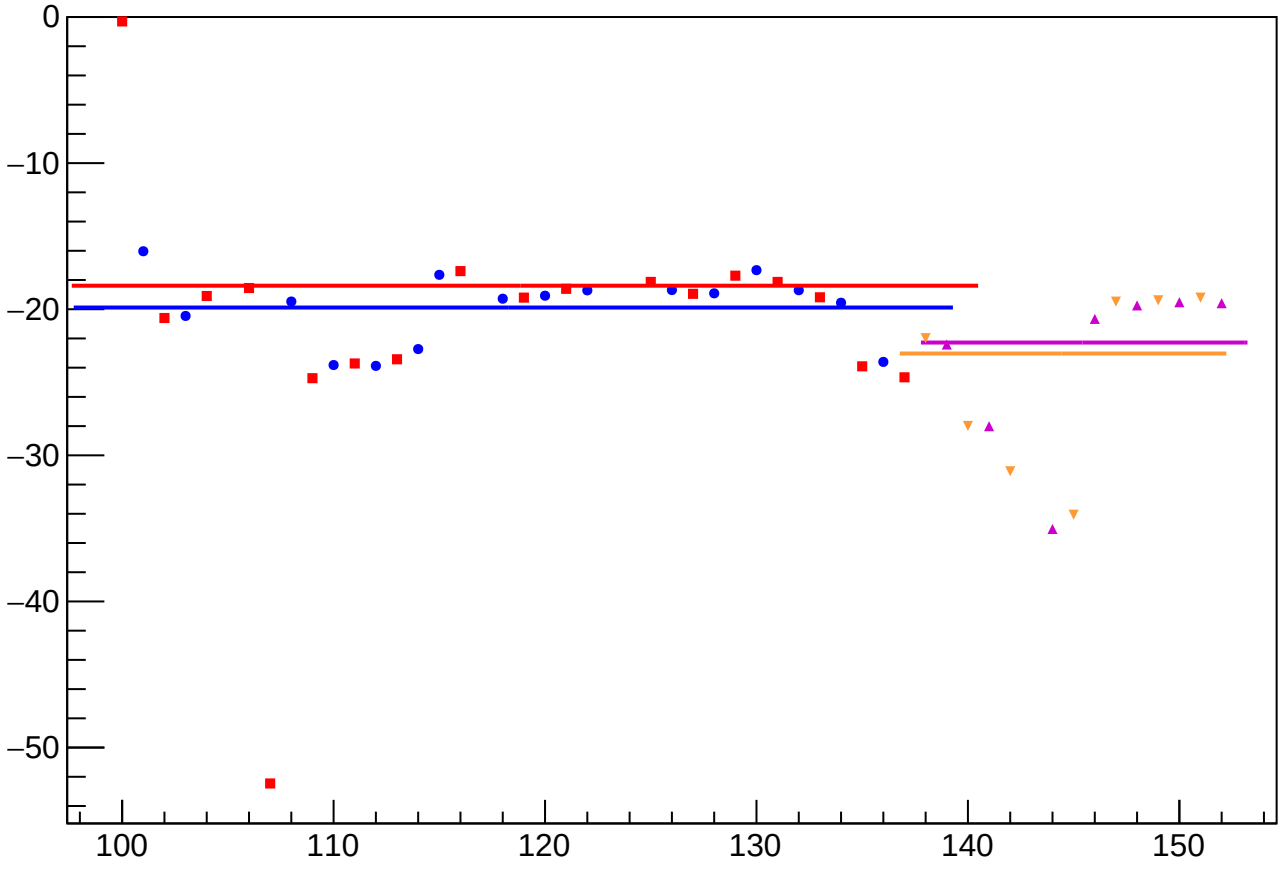
Left In: 9.065+/-0.296 χ^2/NDF:220.1/6

+ sign 6.259+/-0.193 χ^2/NDF: 716.4/22

All: 6.088+/-0.136 χ^2/NDF: 1707.9/47

- sign 5.916+/-0.193 χ^2/NDF: 989.9/24

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -23.031+/-0.016 χ^2/NDF:104853.7/6

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

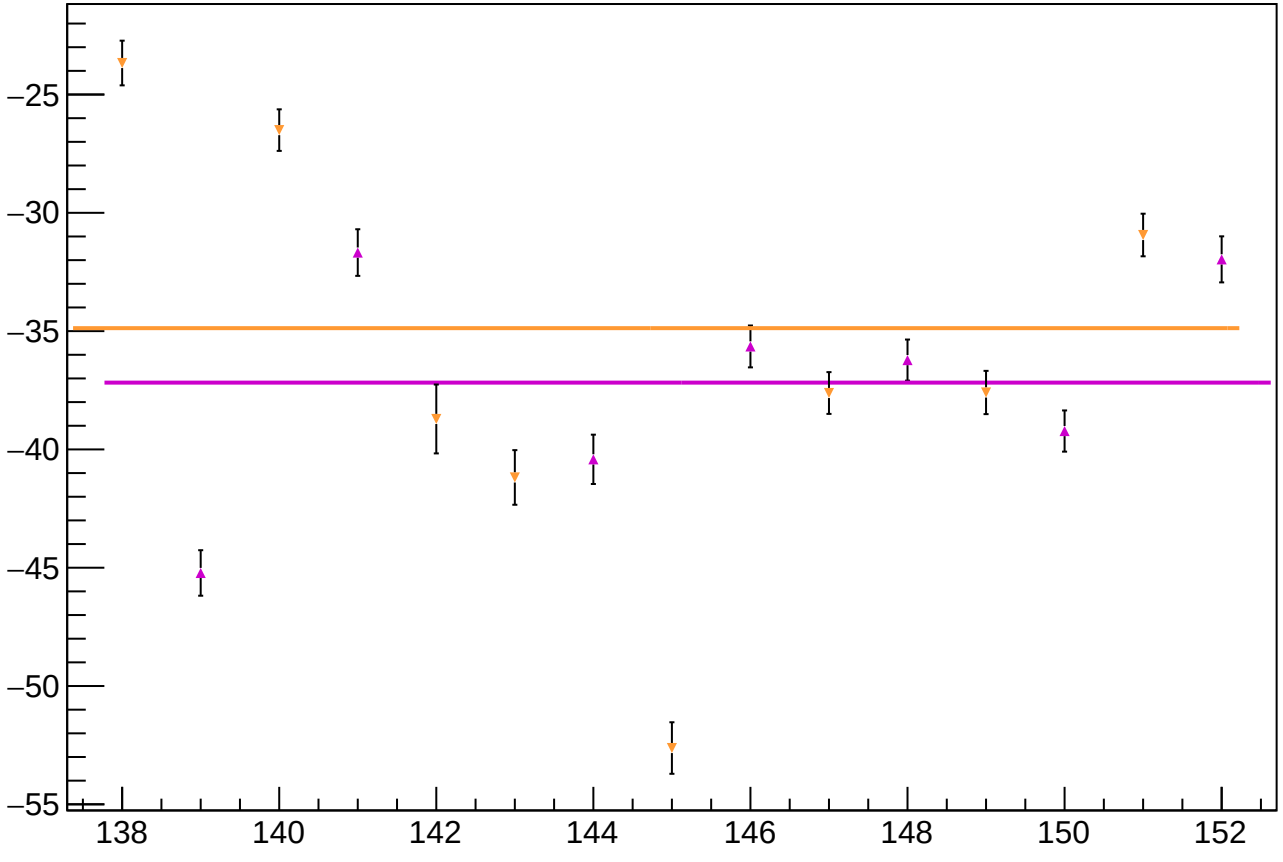
Left In: -22.280+/-0.015 χ^2/NDF:90105.3/6

+ sign -21.428+/-0.011 χ^2/NDF: 151003.9/22

All: -20.851+/-0.008 χ^2/NDF: 582462.6/47

- sign -20.347+/-0.010 χ^2/NDF: 426404.9/24

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.875+/-0.349 χ^2/NDF:571.6/7

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

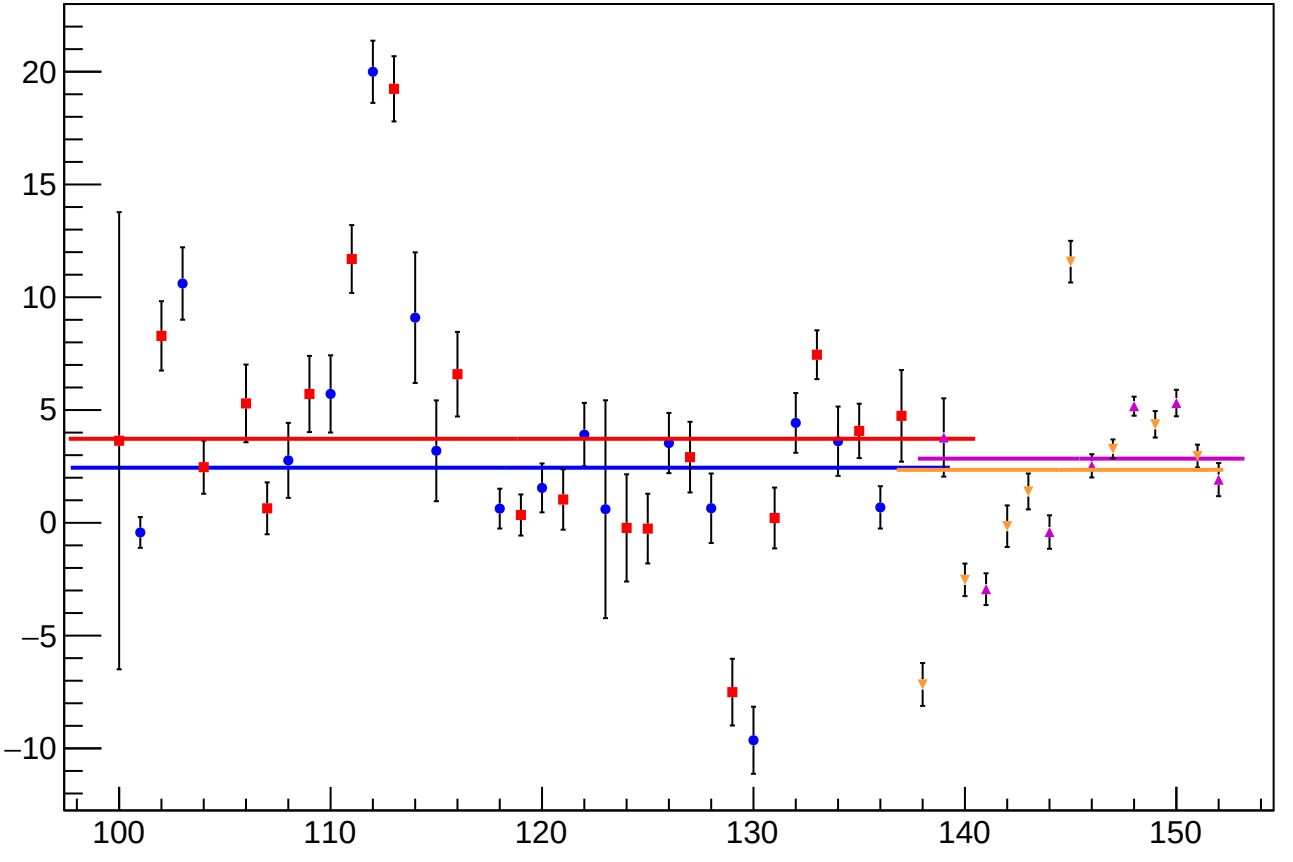
Left In: -37.177+/-0.353 χ^2/NDF:149.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.012+/-0.248 χ^2/NDF: 742.2/14

- 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: 2.348+/-0.227 χ^2/NDF:272.8/7

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

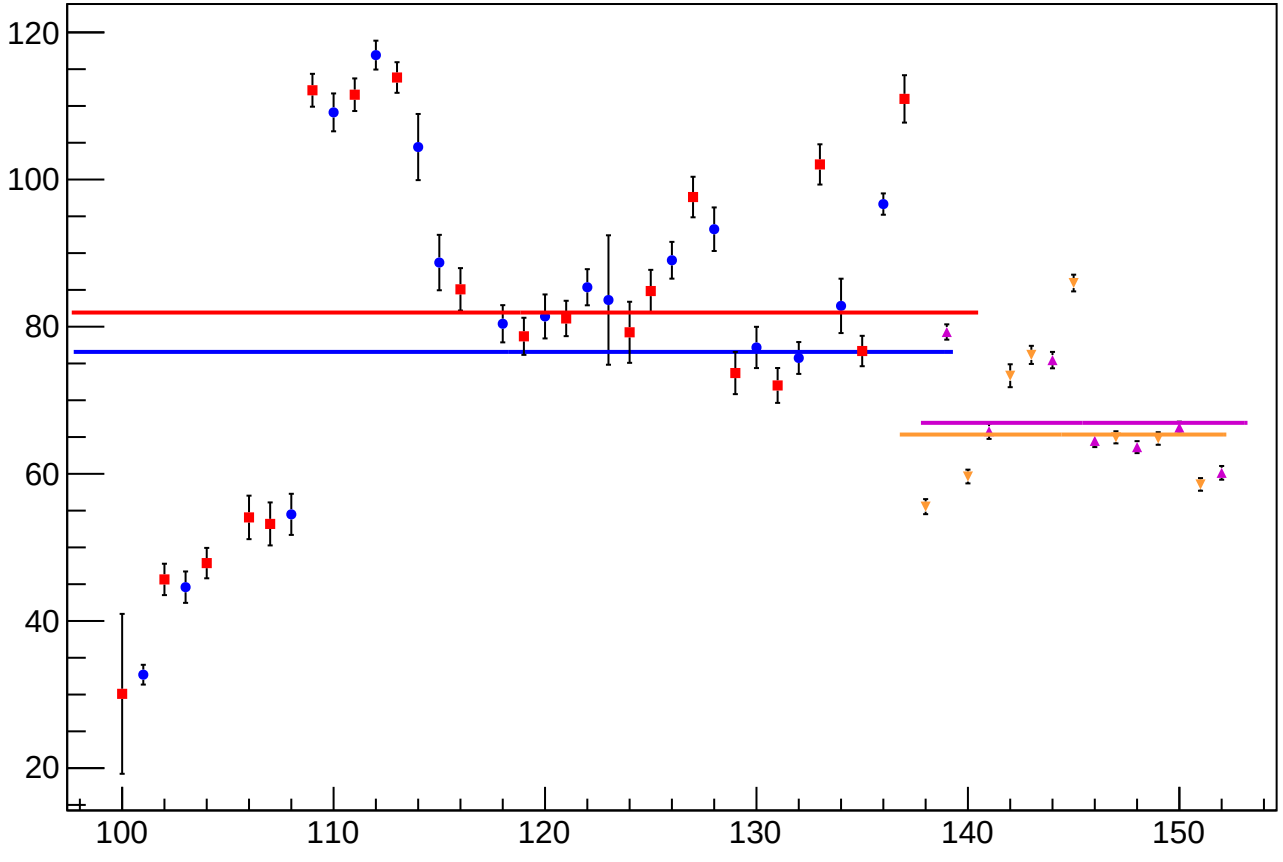
Left In: 2.846+/-0.234 χ^2/NDF:137.3/6

+ sign 2.381+/-0.183 χ^2/NDF: 568.2/24

All: 2.748+/-0.132 χ^2/NDF: 987.7/50

- sign 3.144+/-0.190 χ^2/NDF: 411.2/25

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 65.341+/-0.351 χ^2/NDF:623.0/7

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

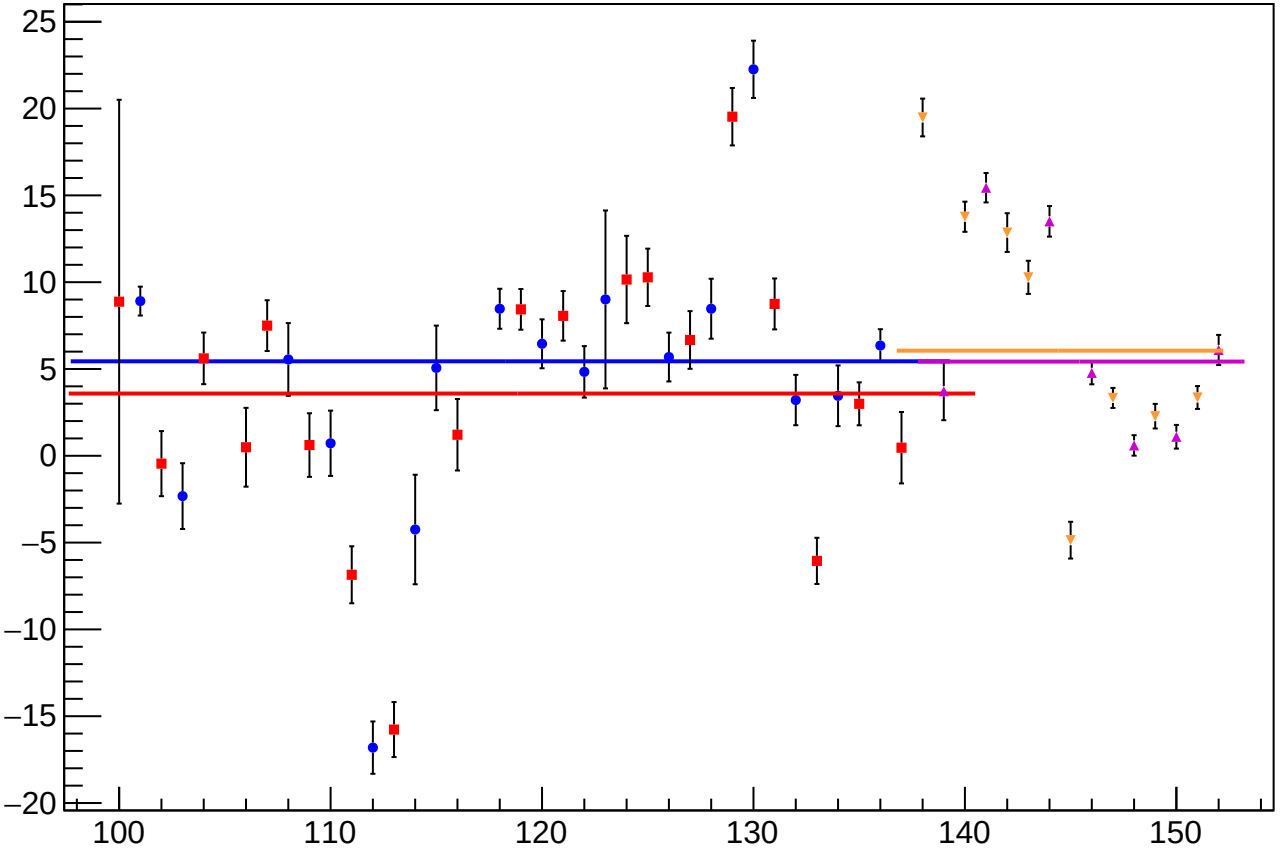
Left In: 66.930+/-0.349 χ^2/NDF:278.9/6

+ sign 68.398+/-0.299 χ^2/NDF: 3155.9/24

All: 69.593+/-0.212 χ^2/NDF: 5513.5/50

- sign 70.800+/-0.301 χ^2/NDF: 2325.5/25

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 6.055+/-0.285 χ^2/NDF:461.8/7

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

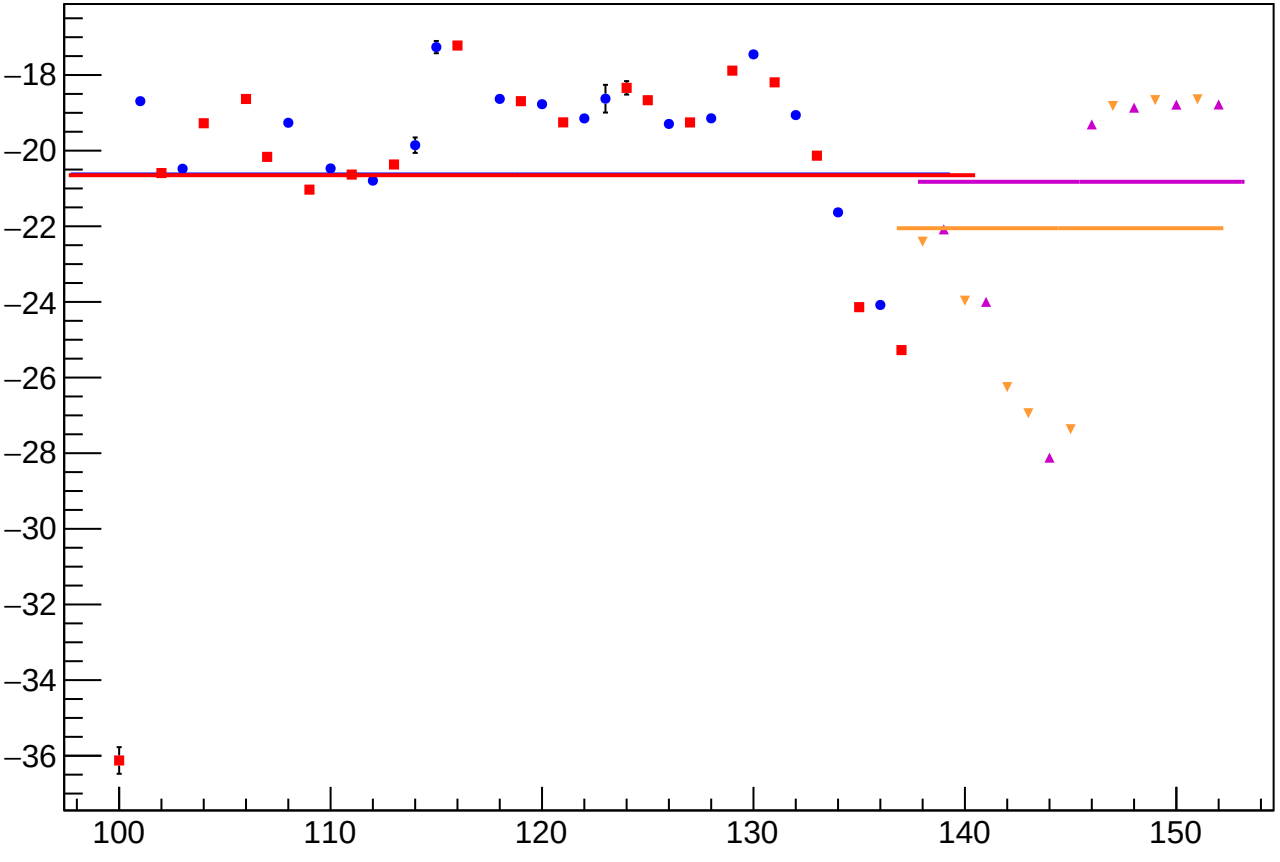
Left In: 5.426+/-0.292 χ^2/NDF:334.5/6

+ sign 5.816+/-0.223 χ^2/NDF: 851.1/24

All: 5.292+/-0.160 χ^2/NDF: 1635.2/50

- sign 4.731+/-0.231 χ^2/NDF: 772.7/25

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -22.051+/-0.015 χ^2/NDF:54242.6/7

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

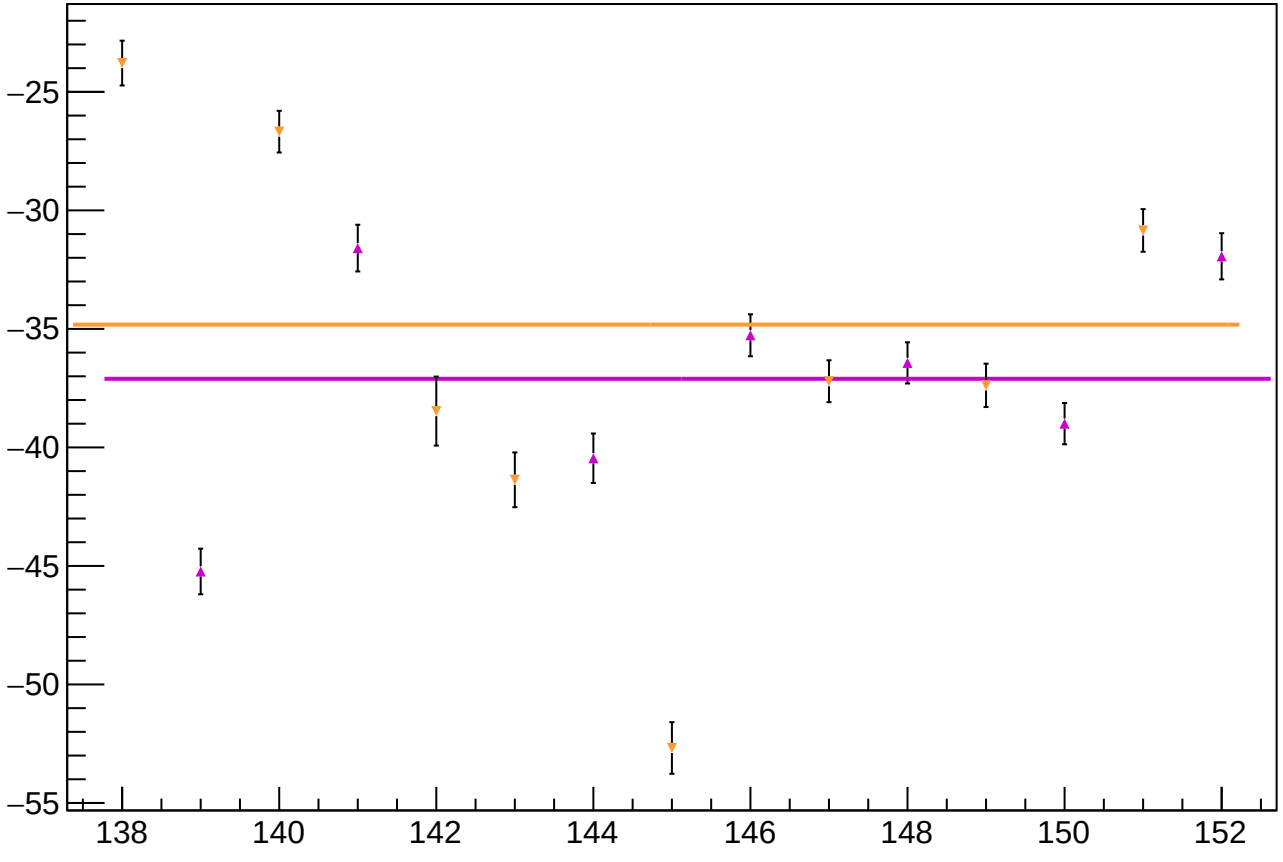
Left In: -20.823+/-0.015 χ^2/NDF:40279.4/6

+ sign -21.518+/-0.012 χ^2/NDF: 70126.8/24

All: -21.134+/-0.008 χ^2/NDF: 126431.1/50

- sign -20.761+/-0.012 χ^2/NDF: 54216.4/25

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.820+/-0.349 χ^2/NDF:563.7/7

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

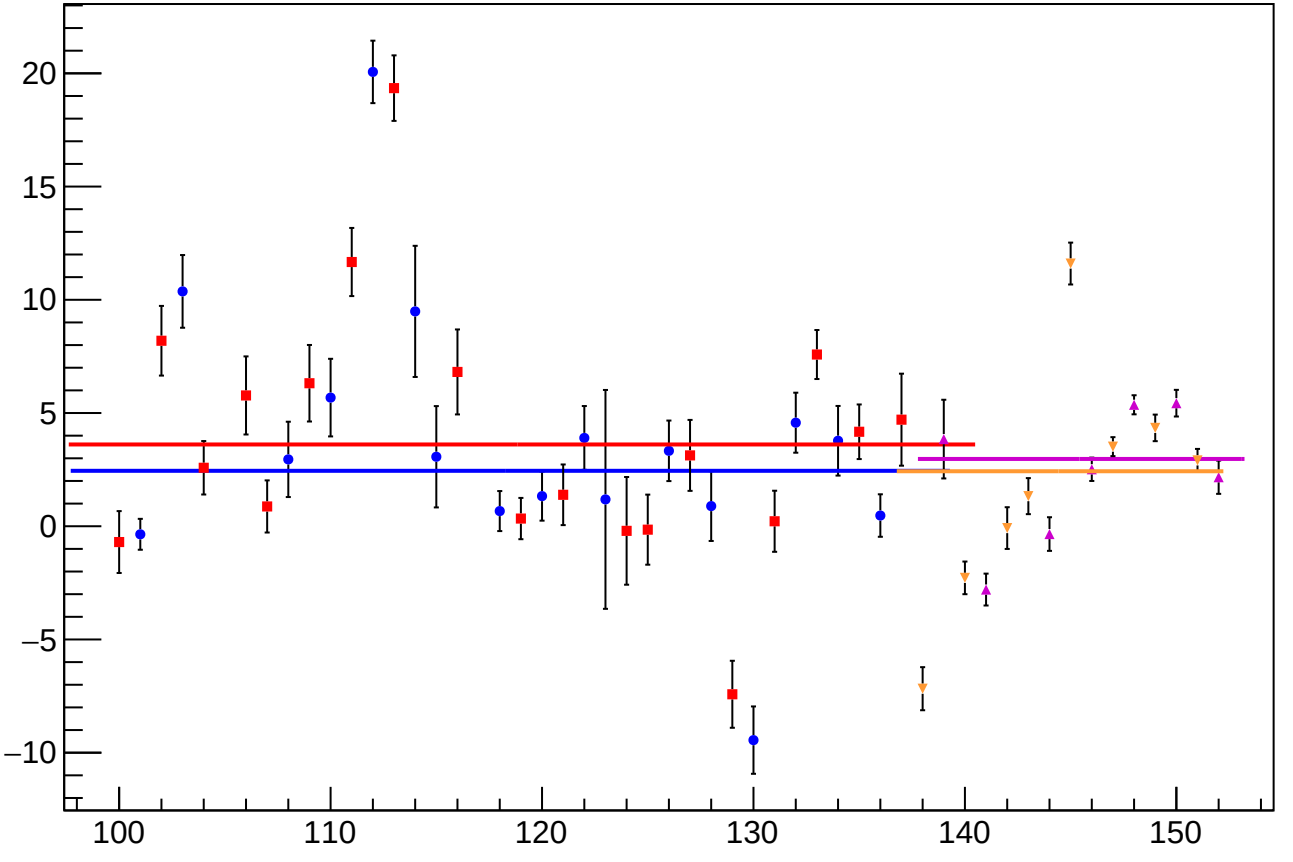
Left In: -37.105+/-0.354 χ^2/NDF:150.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.949+/-0.249 χ^2/NDF: 735.6/14

- 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: 2.428+/-0.227 χ^2/NDF:270.6/7

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

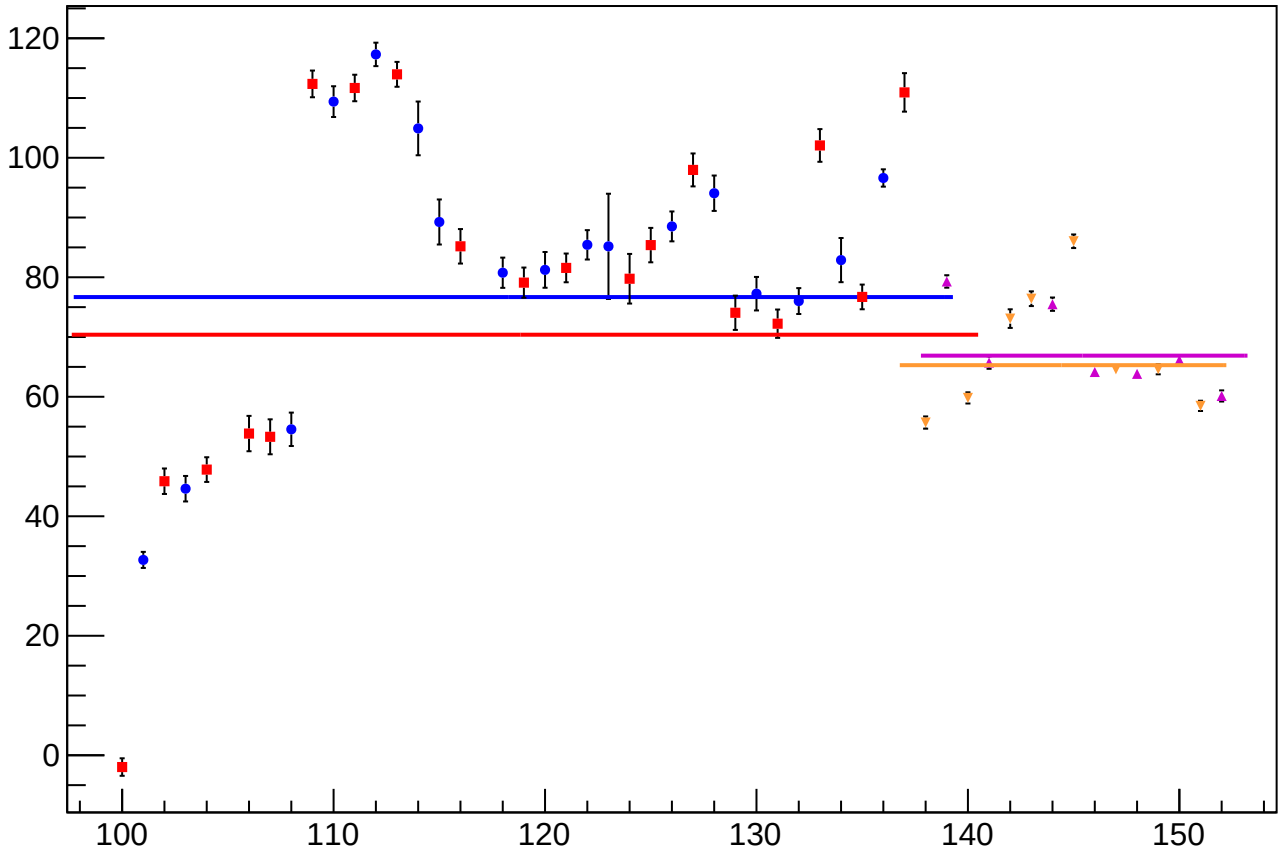
Left In: 2.972+/-0.234 χ^2/NDF:139.1/6

+ sign 2.435+/-0.183 χ^2/NDF: 564.0/24

All: 2.805+/-0.131 χ^2/NDF: 993.4/50

- sign 3.196+/-0.188 χ^2/NDF: 421.1/25

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 65.288+/-0.351 χ^2/NDF:624.7/7

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

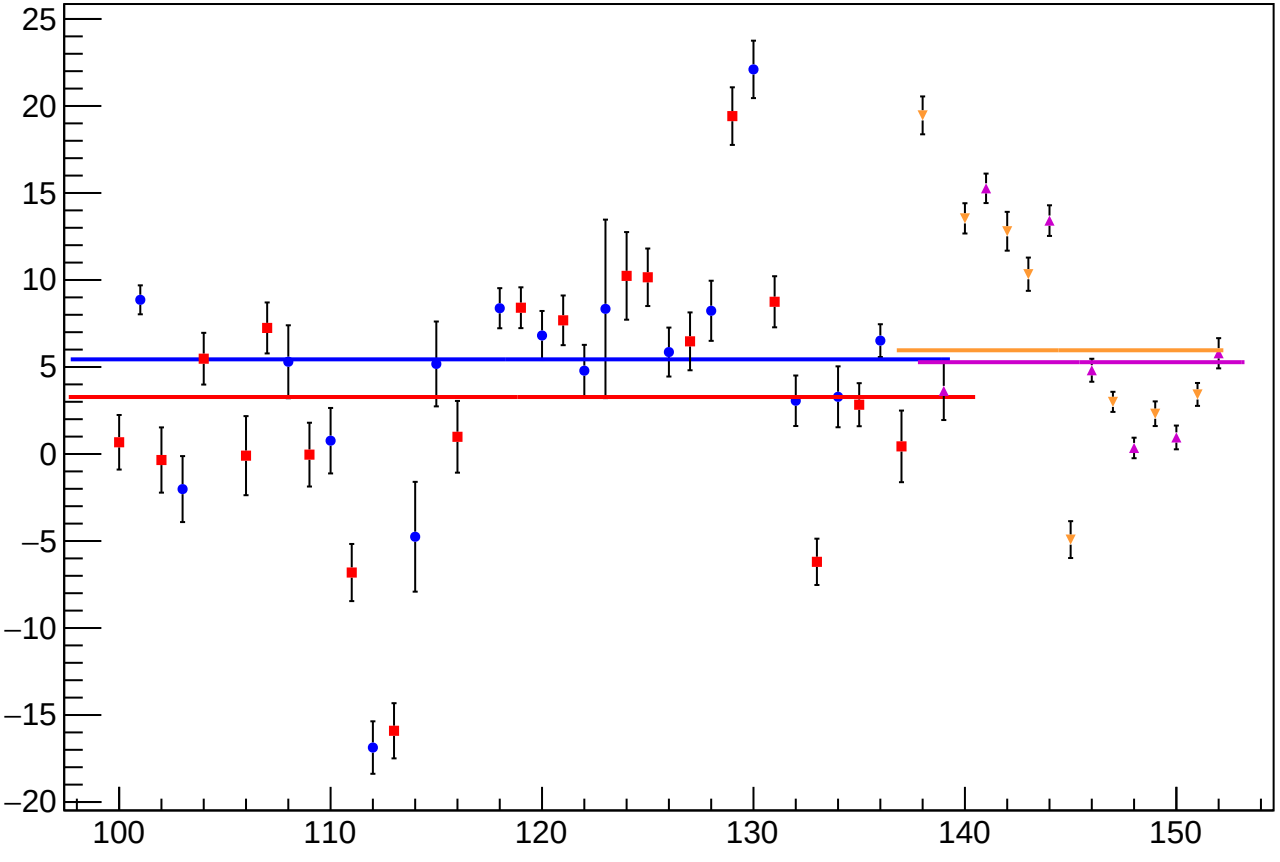
Left In: 66.882+/-0.349 χ^2/NDF:280.5/6

+ sign 68.391+/-0.299 χ^2/NDF: 3177.2/24

All: 68.137+/-0.210 χ^2/NDF: 7879.1/50

- sign 67.890+/-0.295 χ^2/NDF: 4700.5/25

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 5.960+/-0.286 χ^2/NDF:461.5/7

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

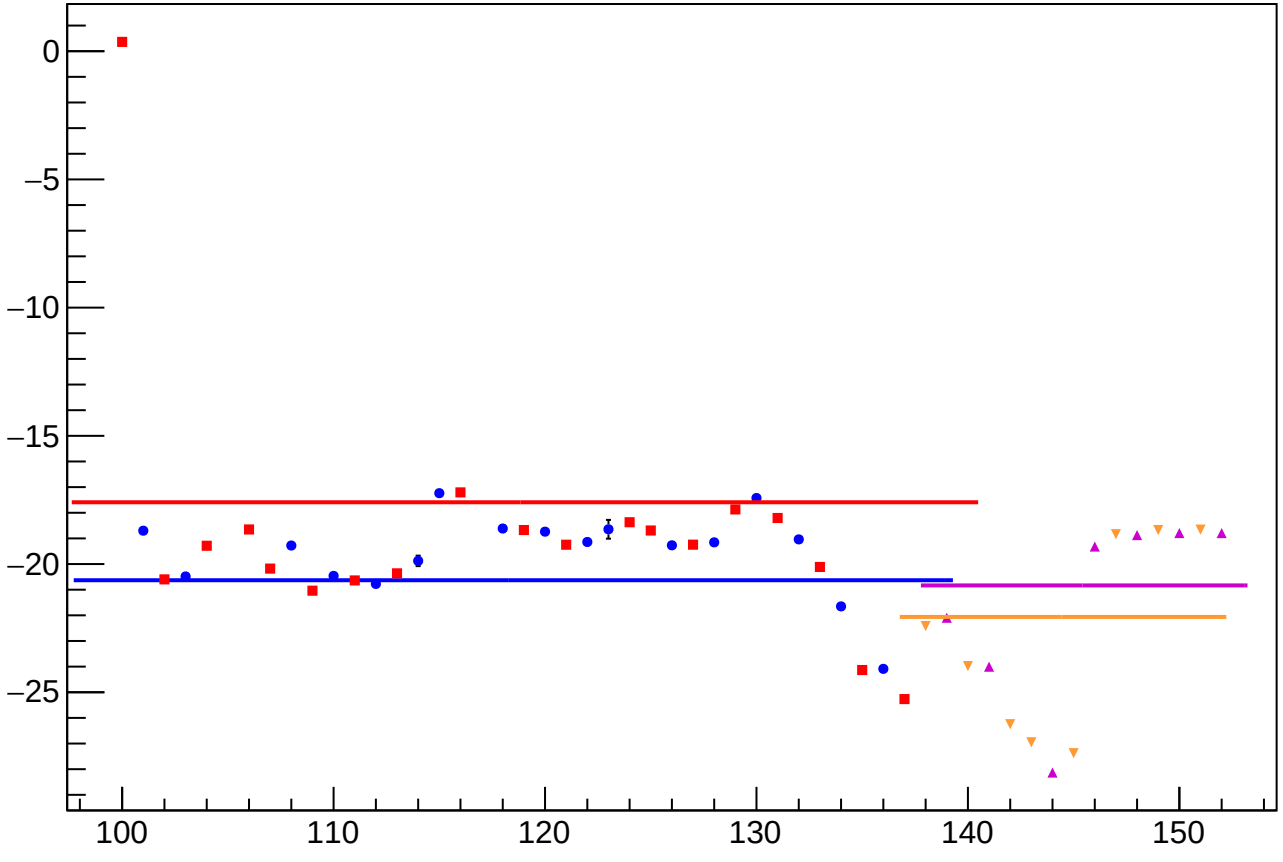
Left In: 5.276+/-0.293 χ^2/NDF:336.5/6

+ sign 5.757+/-0.223 χ^2/NDF: 848.8/24

All: 5.140+/-0.160 χ^2/NDF: 1645.0/50

- sign 4.494+/-0.228 χ^2/NDF: 780.6/25

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -22.062+/-0.015 χ^2/NDF:54097.1/7

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

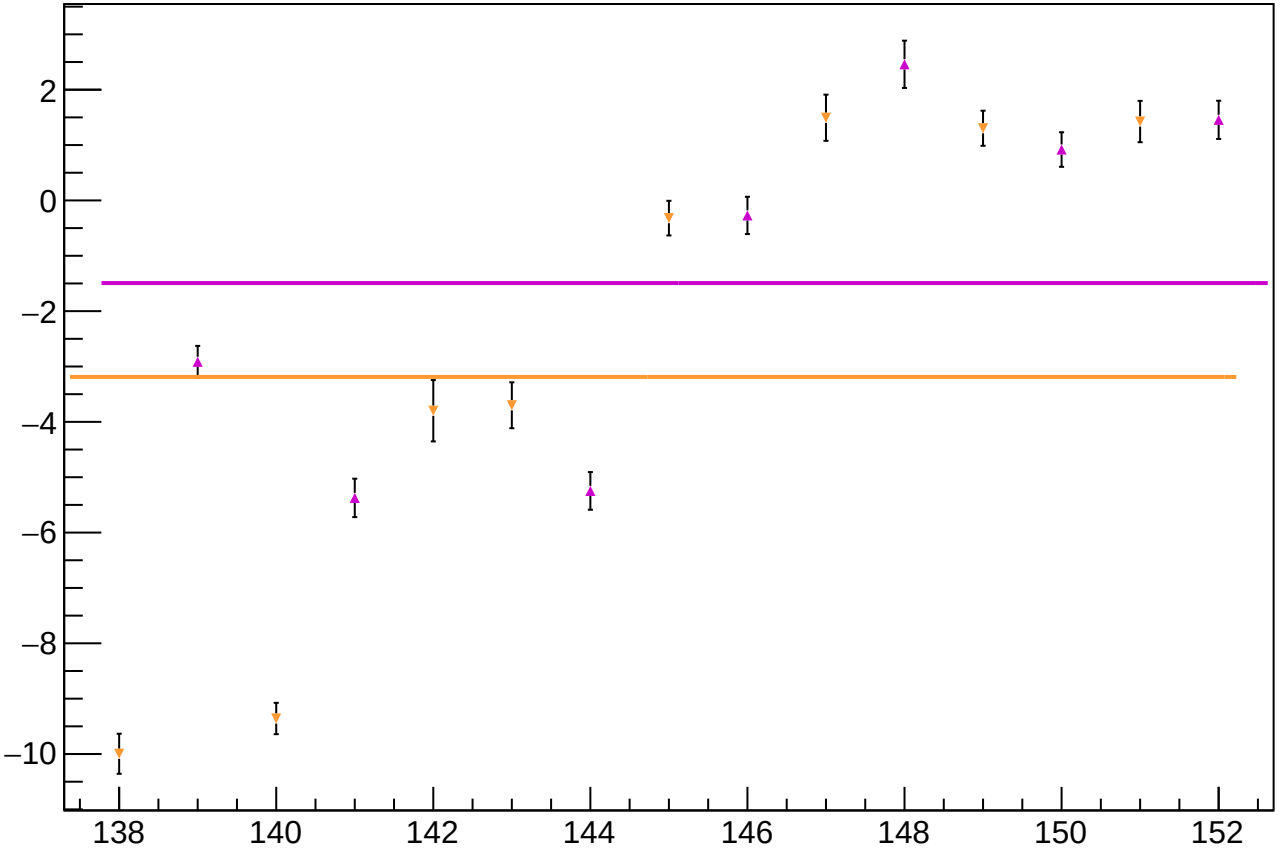
Left In: -20.833+/-0.015 χ^2/NDF:40234.1/6

+ sign -21.525+/-0.012 χ^2/NDF: 70063.3/24

All: -20.498+/-0.008 χ^2/NDF: 323119.7/50

- sign -19.556+/-0.011 χ^2/NDF: 238549.7/25

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -3.188+/-0.127 χ^2/NDF:1396.2/7

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

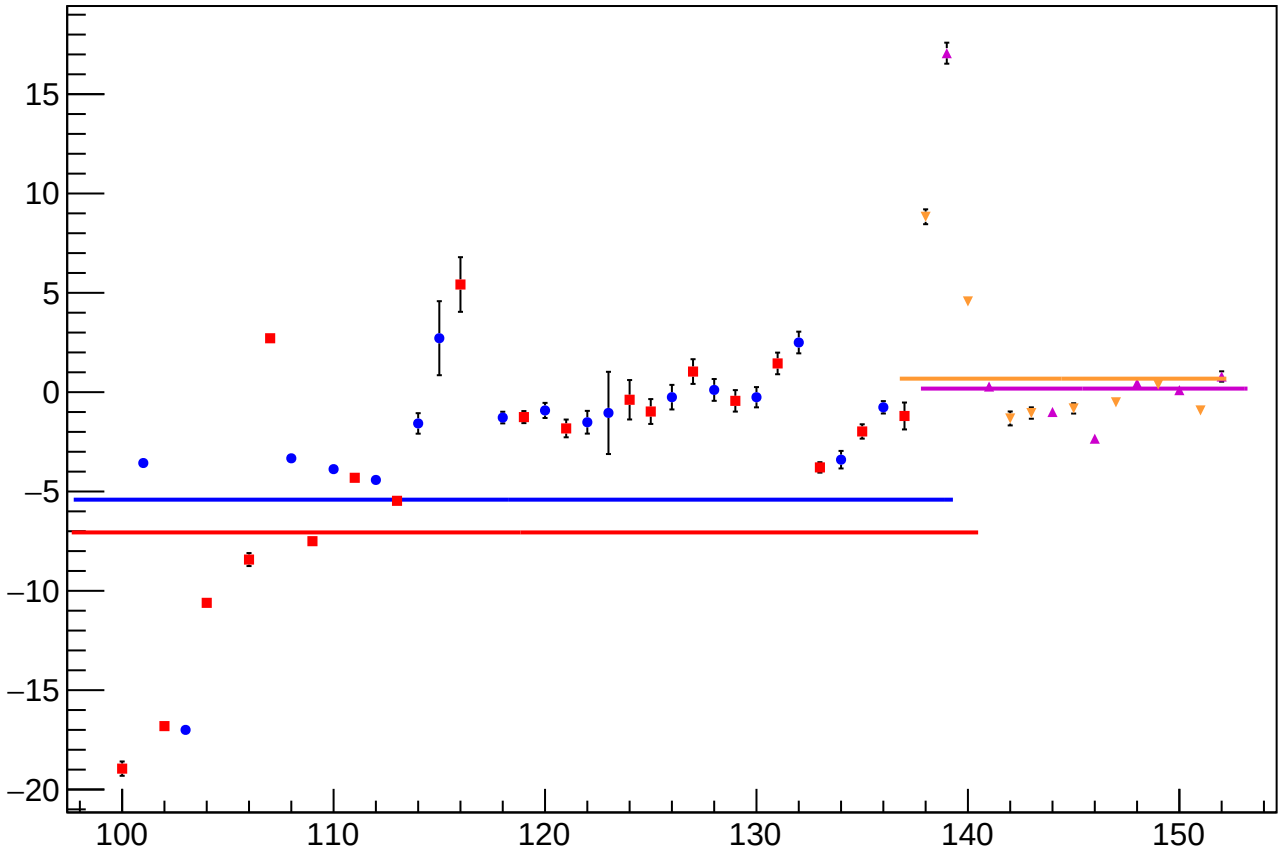
Left In: -1.493+/-0.127 χ^2/NDF:502.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.343+/-0.090 χ^2/NDF: 1988.4/14

- 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: 0.680+/-0.088 χ^2/NDF:938.5/7

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

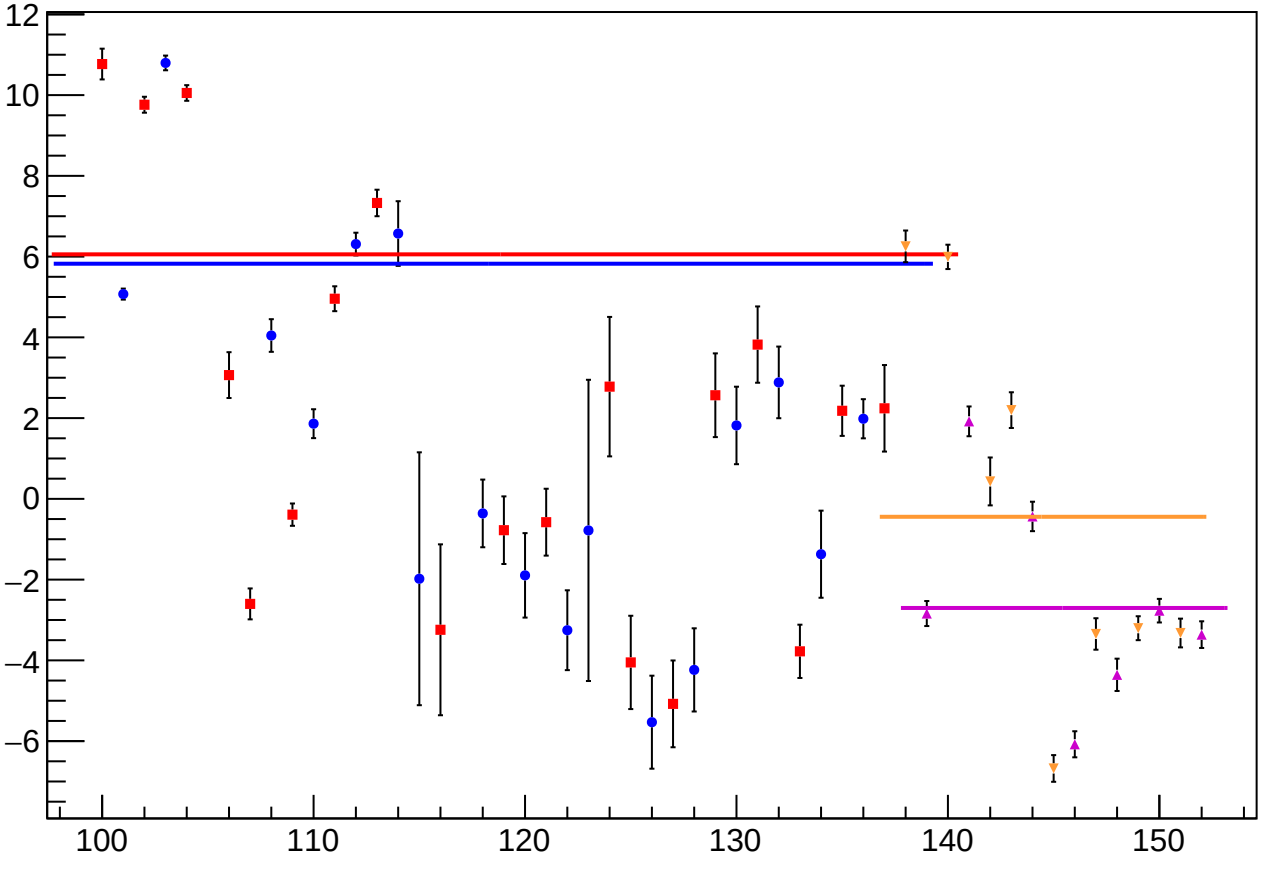
Left In: 0.180+/-0.092 χ^2/NDF:1188.7/6

+ sign -3.711+/-0.046 χ^2/NDF: 13655.3/24

All: -4.290+/-0.034 χ^2/NDF: 31885.8/50

- sign -4.951+/-0.050 χ^2/NDF: 17898.5/25

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: -0.444+/-0.129 χ^2/NDF:1348.3/7

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

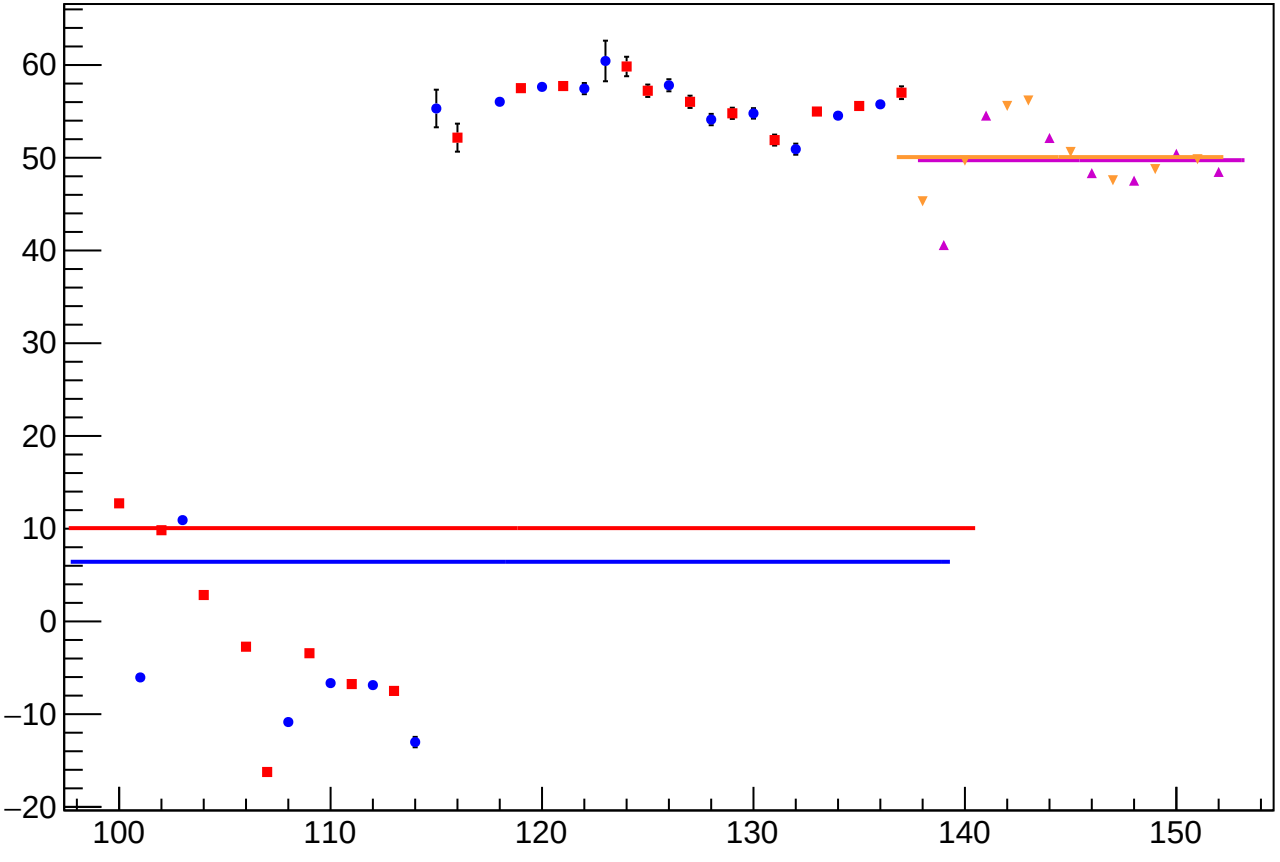
Left In: -2.702+/-0.127 χ^2/NDF:326.3/6

+ sign 3.776+/-0.074 χ^2/NDF: 4400.2/24

All: 3.390+/-0.053 χ^2/NDF: 10540.3/50

- sign 2.986+/-0.075 χ^2/NDF: 6083.5/25

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 50.070+/-0.108 χ^2/NDF:726.3/7

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

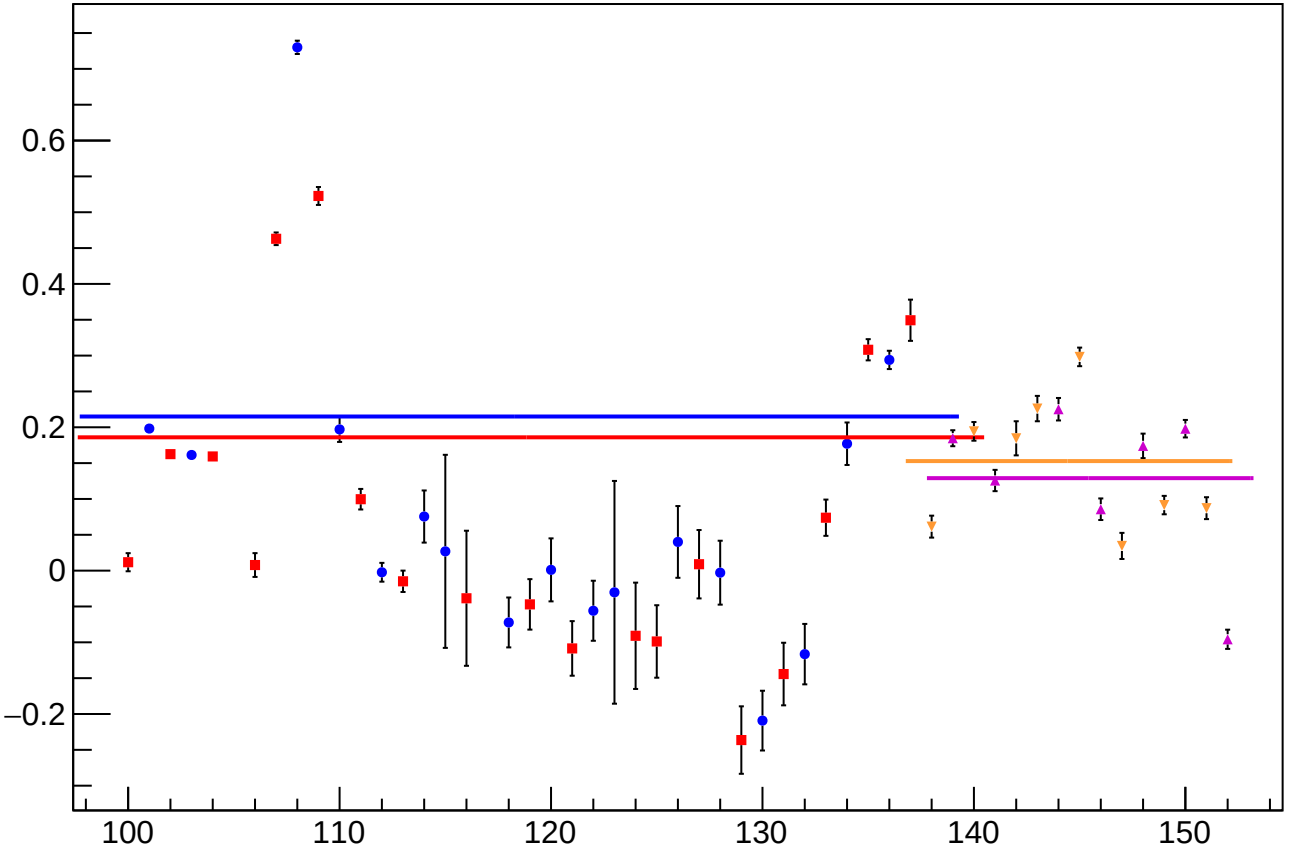
Left In: 49.737+/-0.112 χ^2/NDF:759.8/6

+ sign 17.935+/-0.056 χ^2/NDF: 244132.0/24

All: 19.467+/-0.040 χ^2/NDF: 459250.6/50

- sign 21.206+/-0.059 χ^2/NDF: 213493.3/25

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.153+/-0.005 χ^2/NDF:274.0/7

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

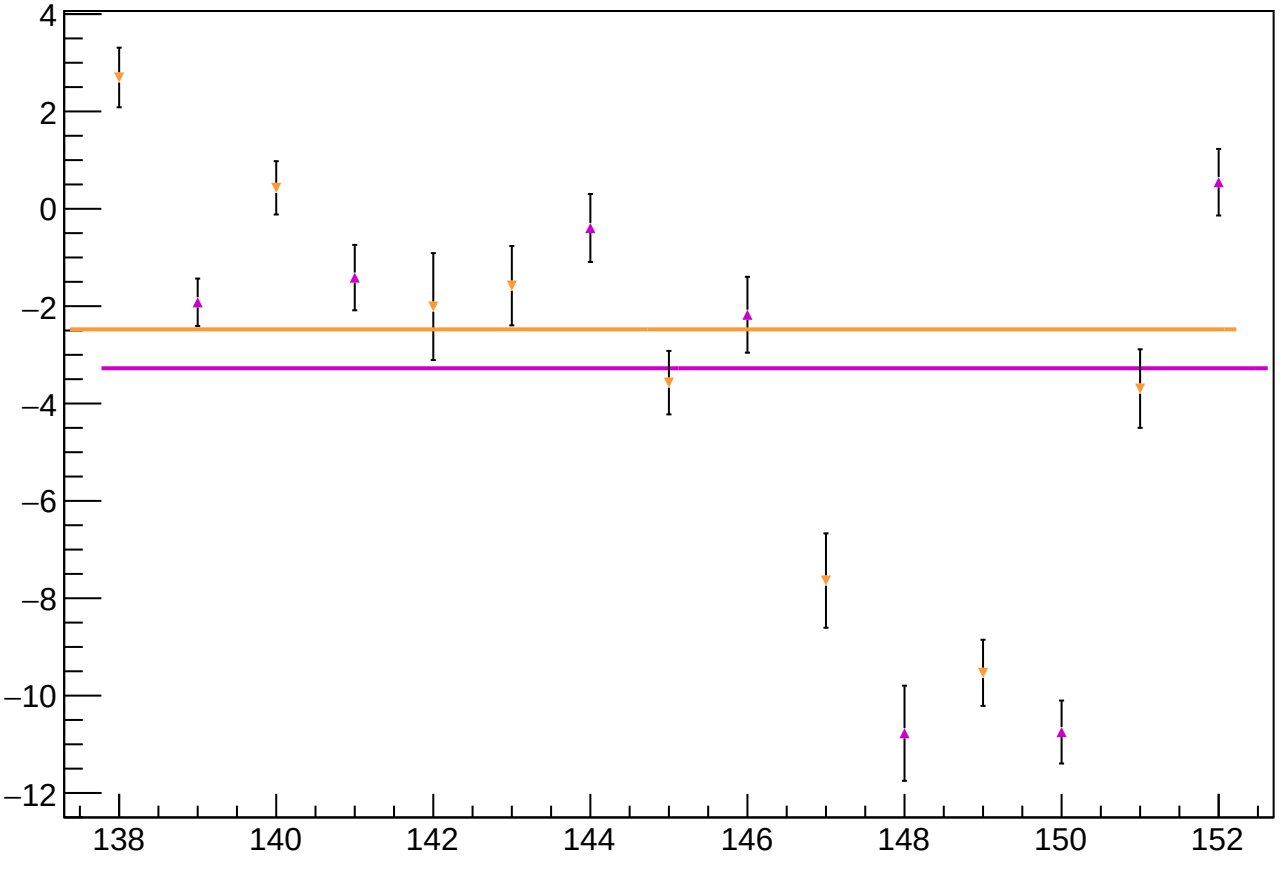
Left In: 0.129+/-0.005 χ^2/NDF:390.6/6

+ sign 0.202+/-0.002 χ^2/NDF: 4309.4/24

All: 0.188+/-0.002 χ^2/NDF: 7581.2/50

- sign 0.174+/-0.002 χ^2/NDF: 3205.1/25

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: -2.476+/-0.254 χ^2/NDF:242.4/7

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

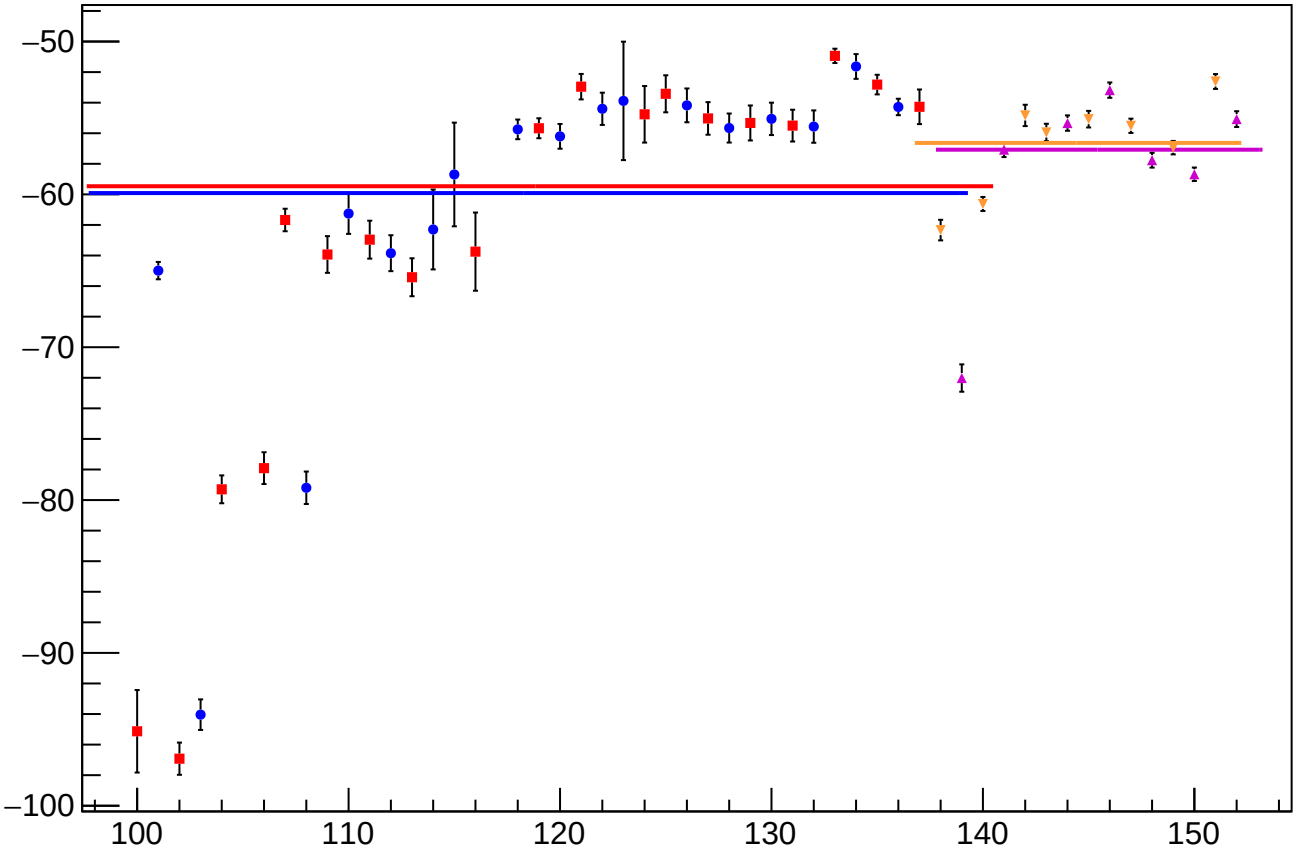
Left In: -3.276+/-0.252 χ^2/NDF:258.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.879+/-0.179 χ^2/NDF: 505.6/14

- 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: -56.633+/-0.184 χ^2/NDF:239.2/7

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

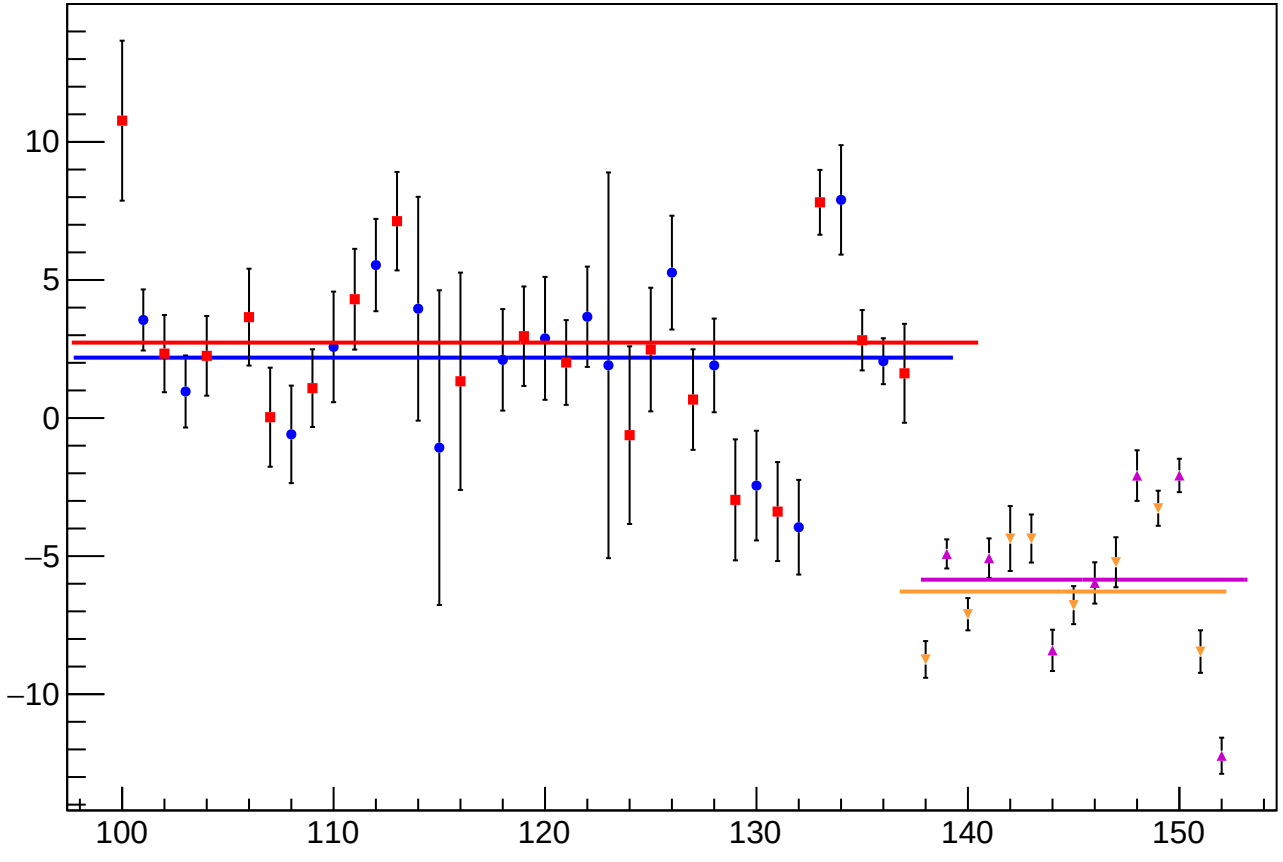
Left In: -57.077+/-0.194 χ^2/NDF:381.1/6

+ sign -57.963+/-0.142 χ^2/NDF: 2347.4/24

All: -58.063+/-0.101 χ^2/NDF: 5711.5/50

- sign -58.165+/-0.143 χ^2/NDF: 3363.1/25

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -6.283+/-0.260 χ^2/NDF:55.6/7

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

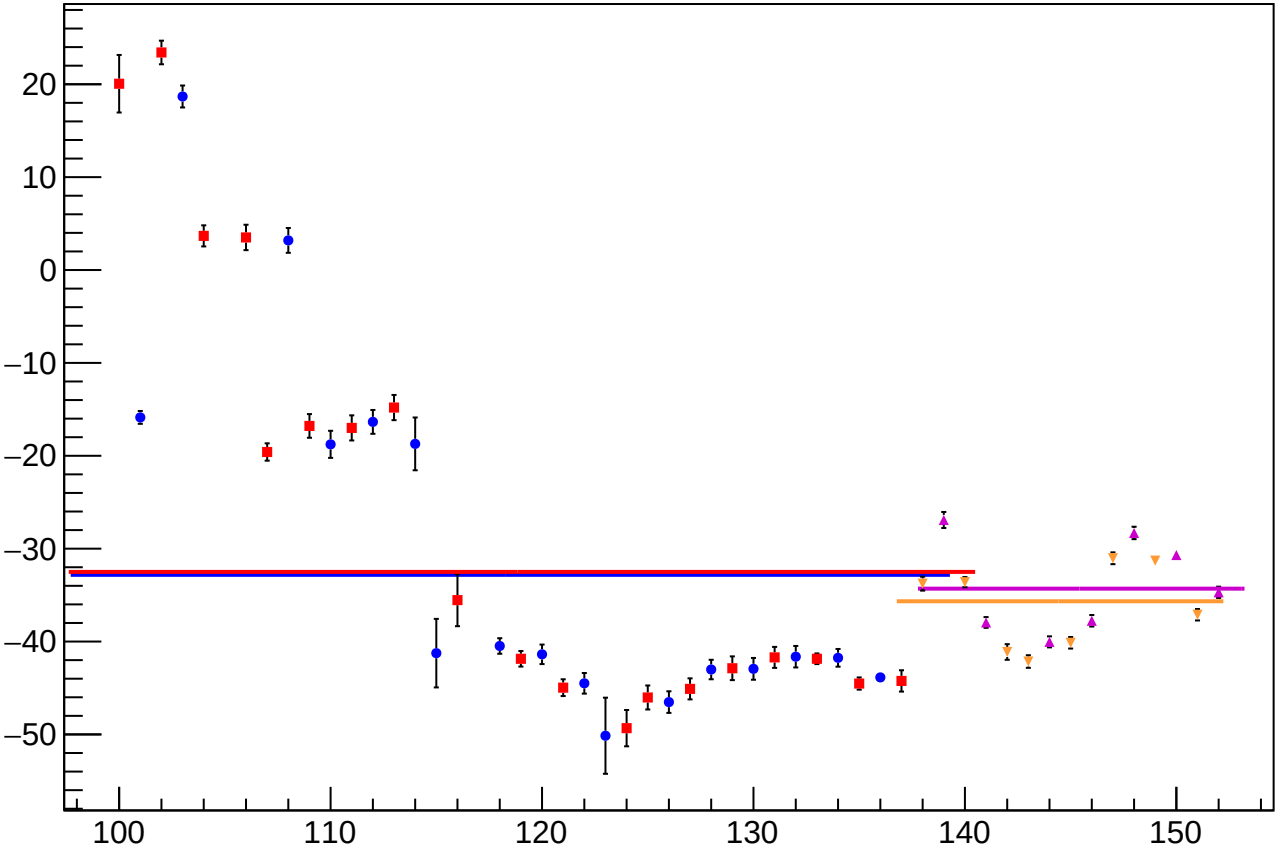
Left In: -5.853+/-0.255 χ^2/NDF:167.1/6

+ sign -3.797+/-0.219 χ^2/NDF: 405.2/24

All: -3.523+/-0.153 χ^2/NDF: 976.9/50

- sign -3.263+/-0.213 χ^2/NDF: 568.7/25

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -35.663+/-0.224 χ^2/NDF:332.0/7

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

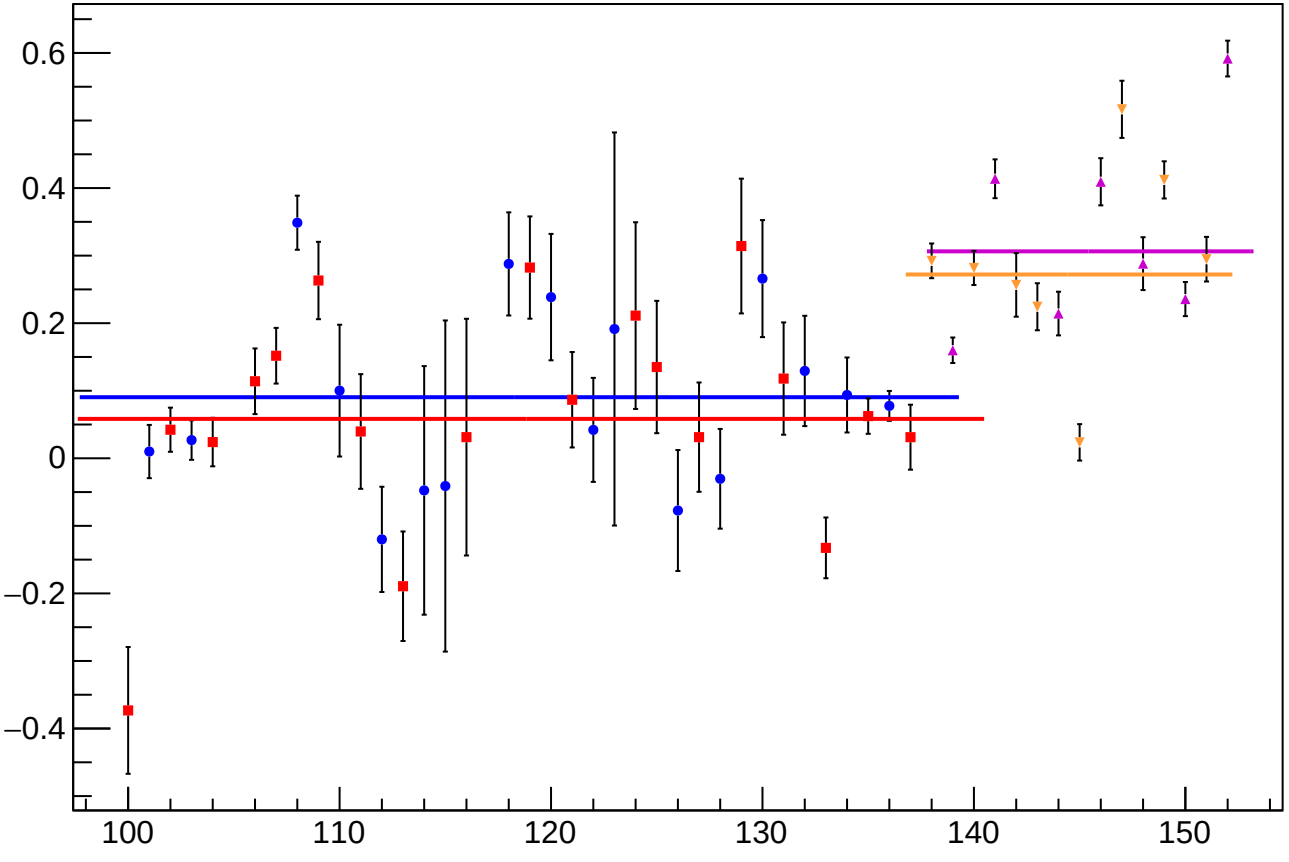
Left In: -34.304+/-0.232 χ^2/NDF:368.5/6

+ sign -34.417+/-0.168 χ^2/NDF: 5069.2/24

All: -33.933+/-0.119 χ^2/NDF: 11520.9/50

- sign -33.448+/-0.168 χ^2/NDF: 6435.1/25

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.272+/-0.011 χ^2/NDF:147.4/7

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

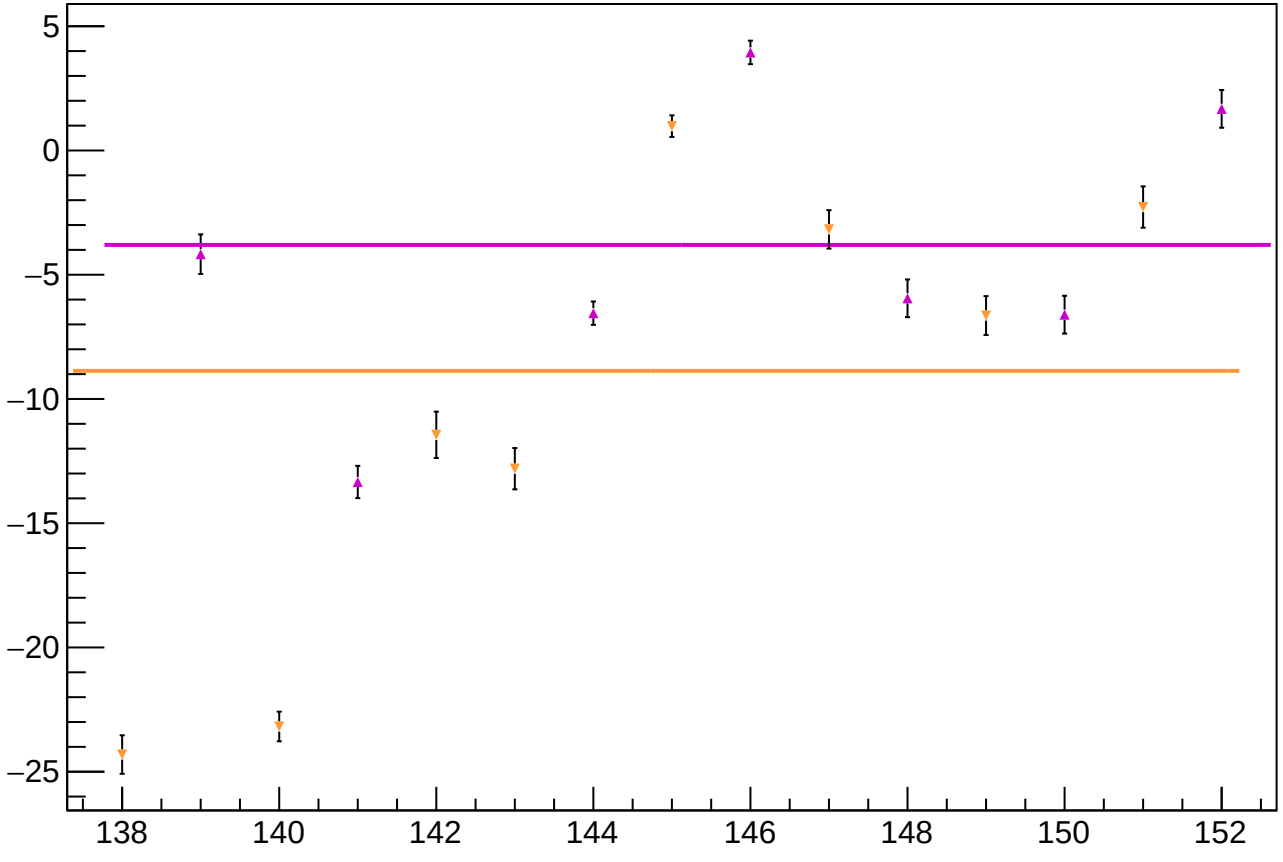
Left In: 0.306+/-0.010 χ^2/NDF:215.1/6

+ sign 0.196+/-0.008 χ^2/NDF: 344.9/24

All: 0.199+/-0.006 χ^2/NDF: 890.4/50

- sign 0.203+/-0.008 χ^2/NDF: 545.1/25

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -8.868+/-0.242 χ^2/NDF:1638.1/7

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

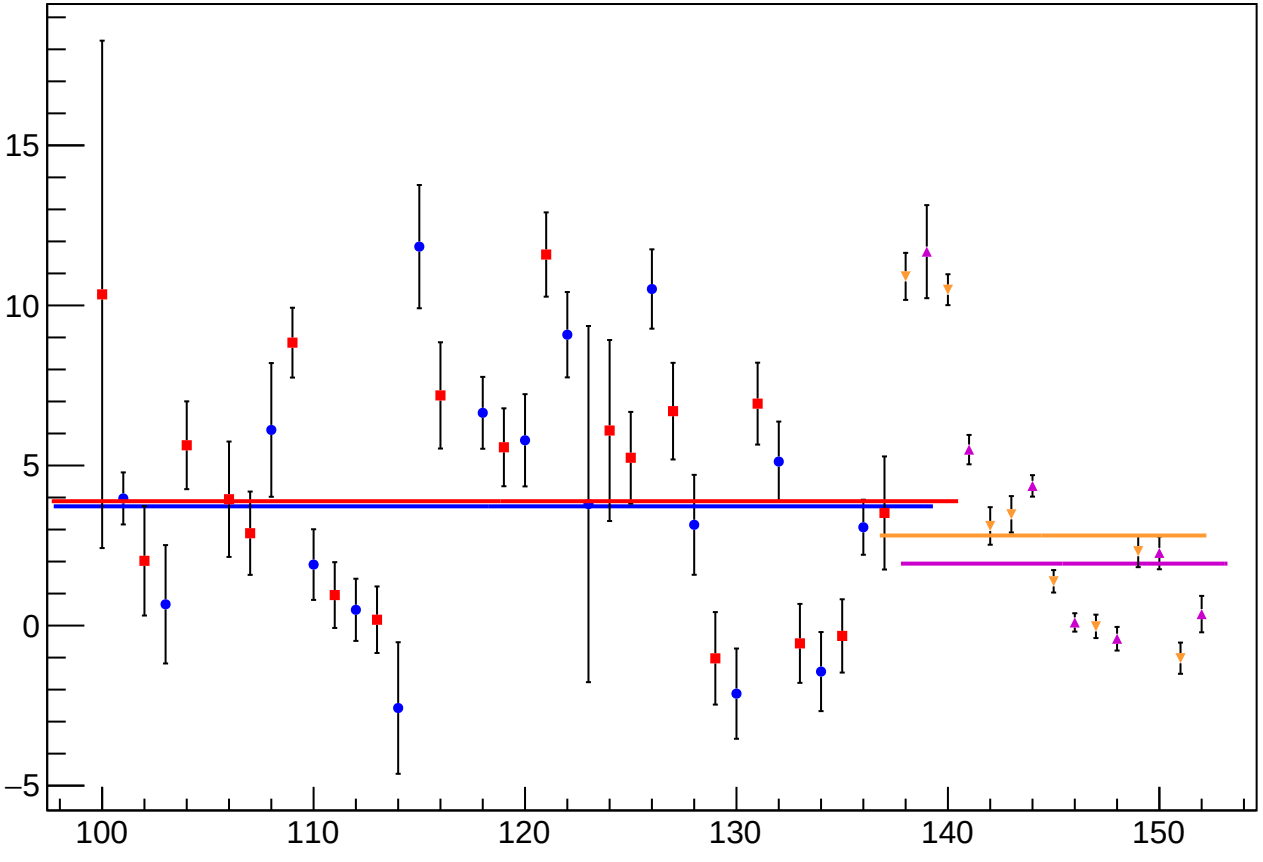
Left In: -3.800+/-0.235 χ^2/NDF:592.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.259+/-0.169 χ^2/NDF: 2456.5/14

- 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: 2.814+/-0.167 χ^2/NDF:515.8/7

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

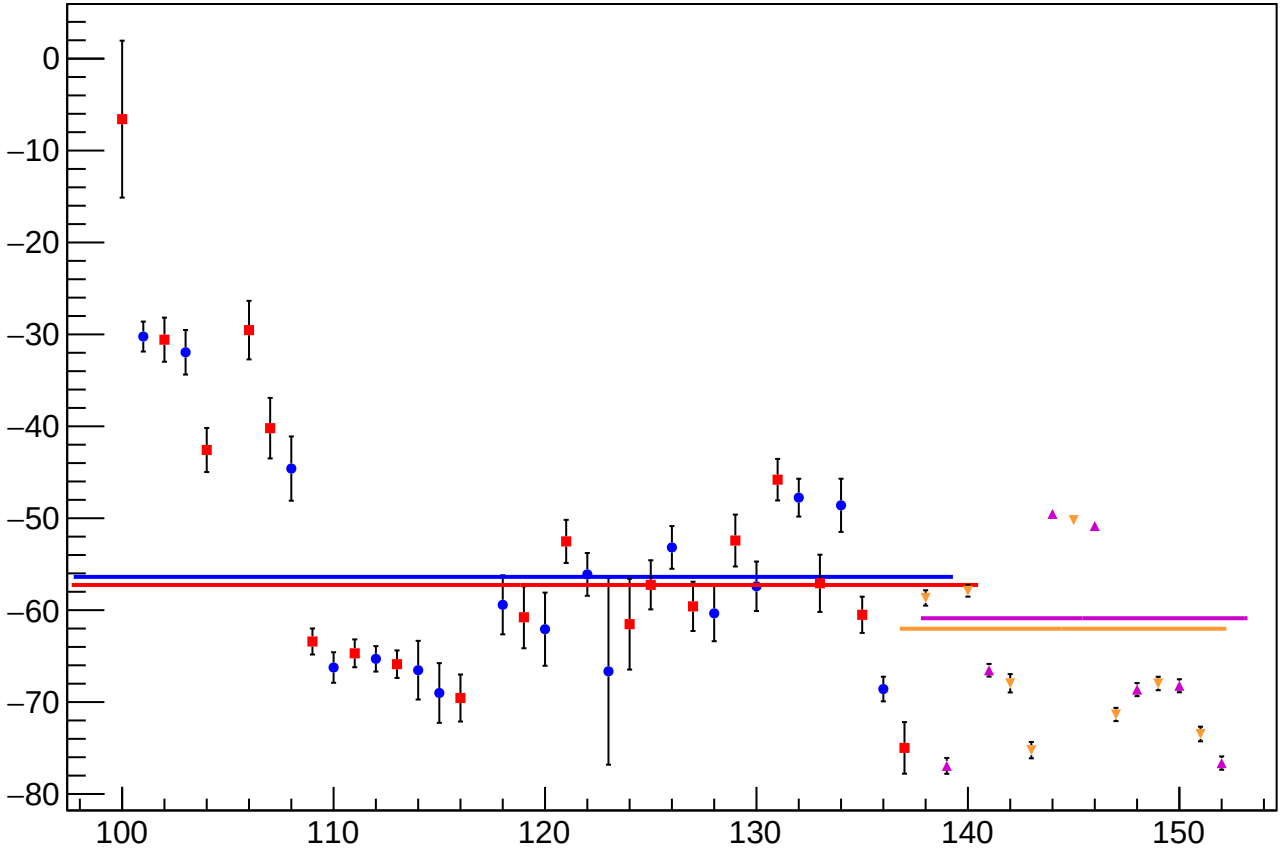
Left In: 1.935+/-0.157 χ^2/NDF:247.1/6

+ sign 3.020+/-0.147 χ^2/NDF: 659.3/24

All: 2.656+/-0.102 χ^2/NDF: 1083.0/50

- sign 2.321+/-0.141 χ^2/NDF: 412.0/25

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -62.019+/-0.249 χ^2/NDF:1404.4/7

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

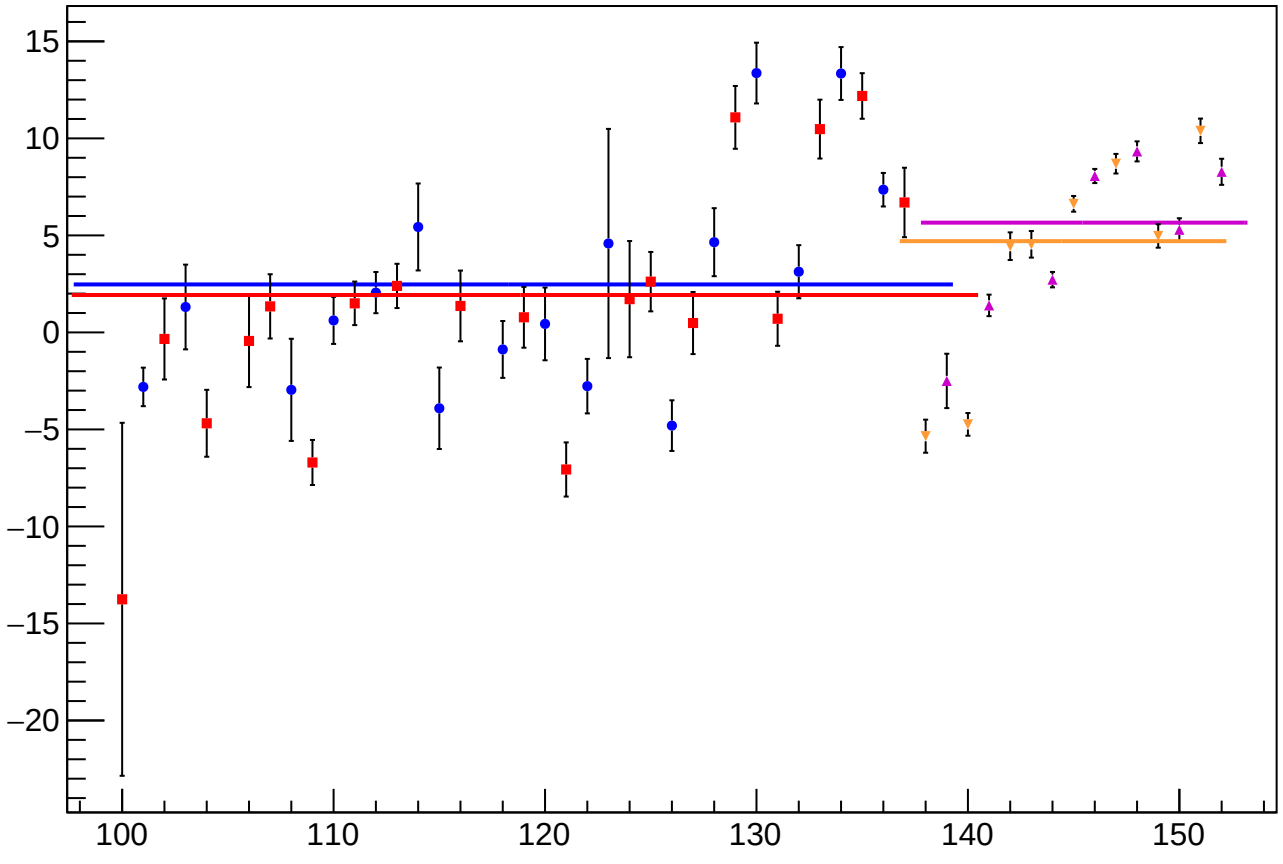
Left In: -60.879+/-0.235 χ^2/NDF:2105.4/6

+ sign -61.039+/-0.226 χ^2/NDF: 2081.2/24

All: -60.649+/-0.156 χ^2/NDF: 4706.7/50

- sign -60.294+/-0.215 χ^2/NDF: 2619.7/25

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 4.704+/-0.206 χ^2/NDF:566.7/7

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

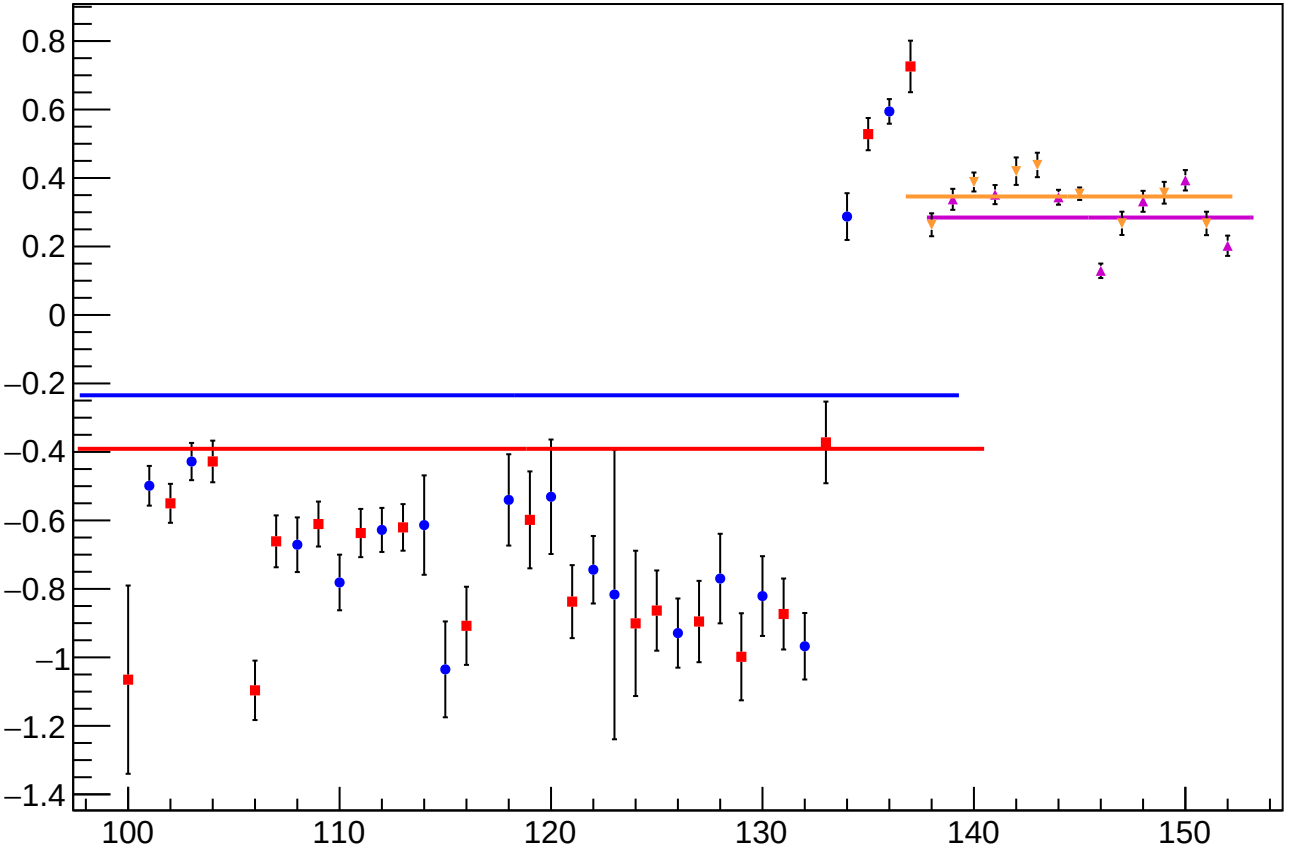
Left In: 5.657+/-0.195 χ^2/NDF:257.2/6

+ sign 4.120+/-0.177 χ^2/NDF: 841.1/24

All: 4.469+/-0.123 χ^2/NDF: 1457.3/50

- sign 4.795+/-0.171 χ^2/NDF: 608.7/25

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.346+/-0.010 χ^2/NDF:29.4/7

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

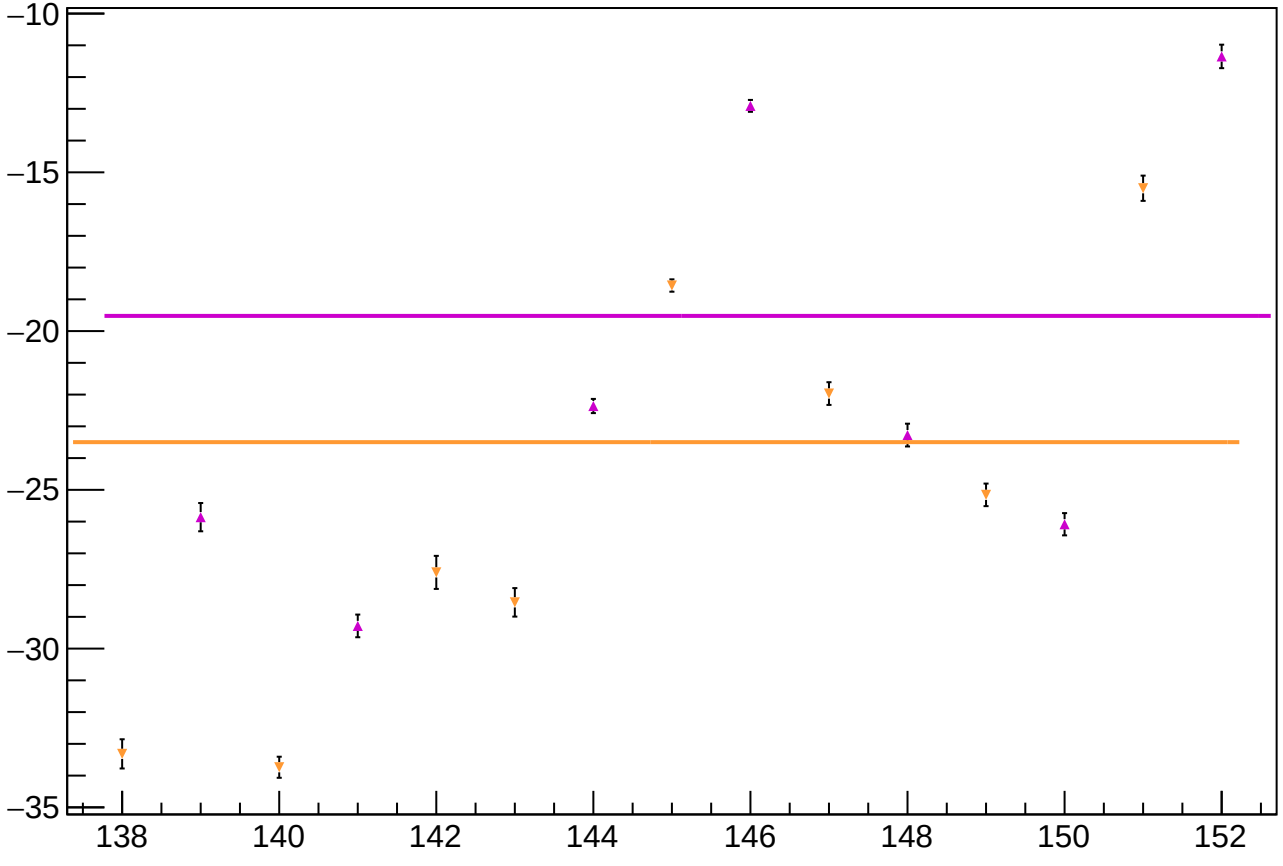
Left In: 0.285+/-0.010 χ^2/NDF:93.7/6

+ sign 0.212+/-0.009 χ^2/NDF: 1715.4/24

All: 0.174+/-0.006 χ^2/NDF: 3690.1/50

- sign 0.138+/-0.009 χ^2/NDF: 1940.7/25

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -23.498+/-0.119 χ^2/NDF:2680.9/7

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

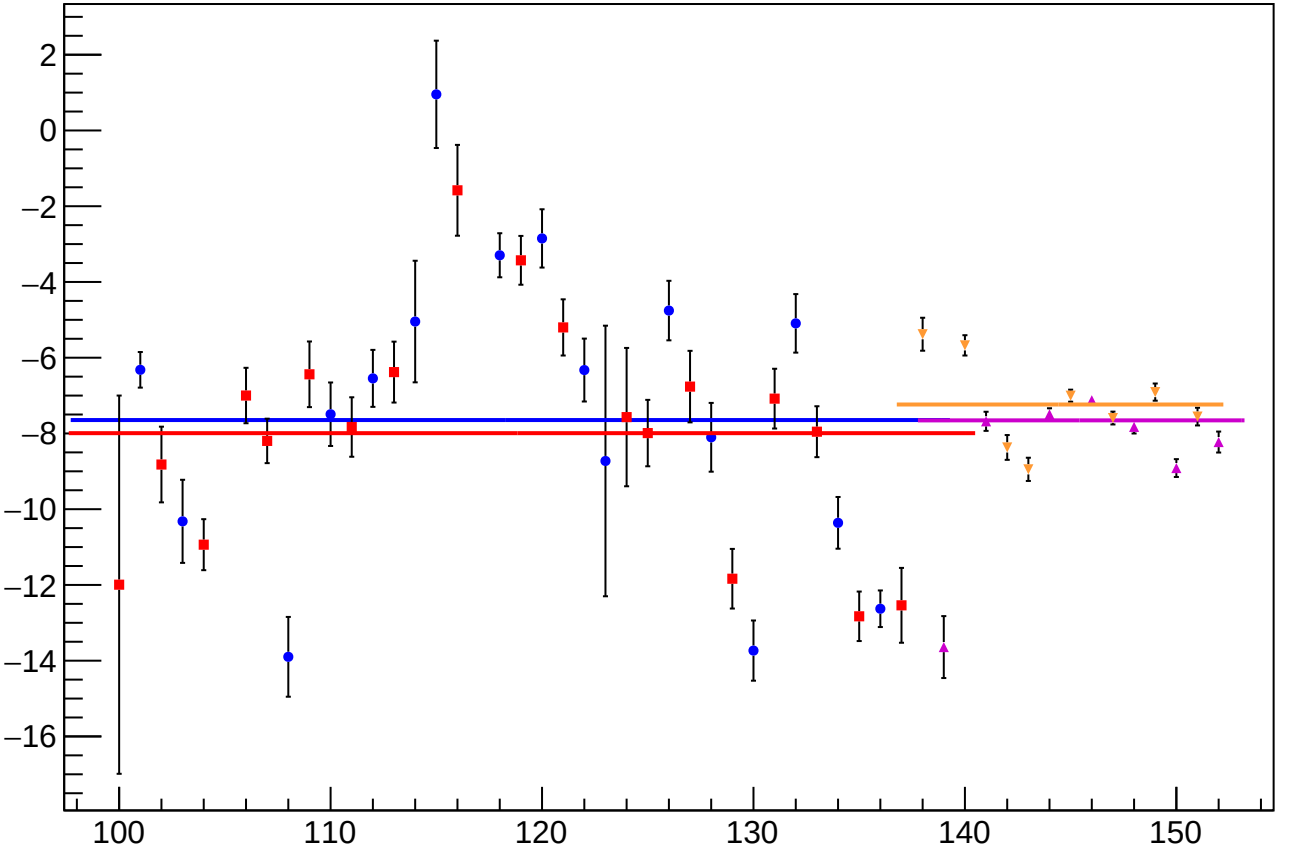
Left In: -19.522+/-0.109 χ^2/NDF:3306.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.334+/-0.080 χ^2/NDF: 6597.1/14

- 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: -7.236+/-0.081 χ^2/NDF:105.8/7

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

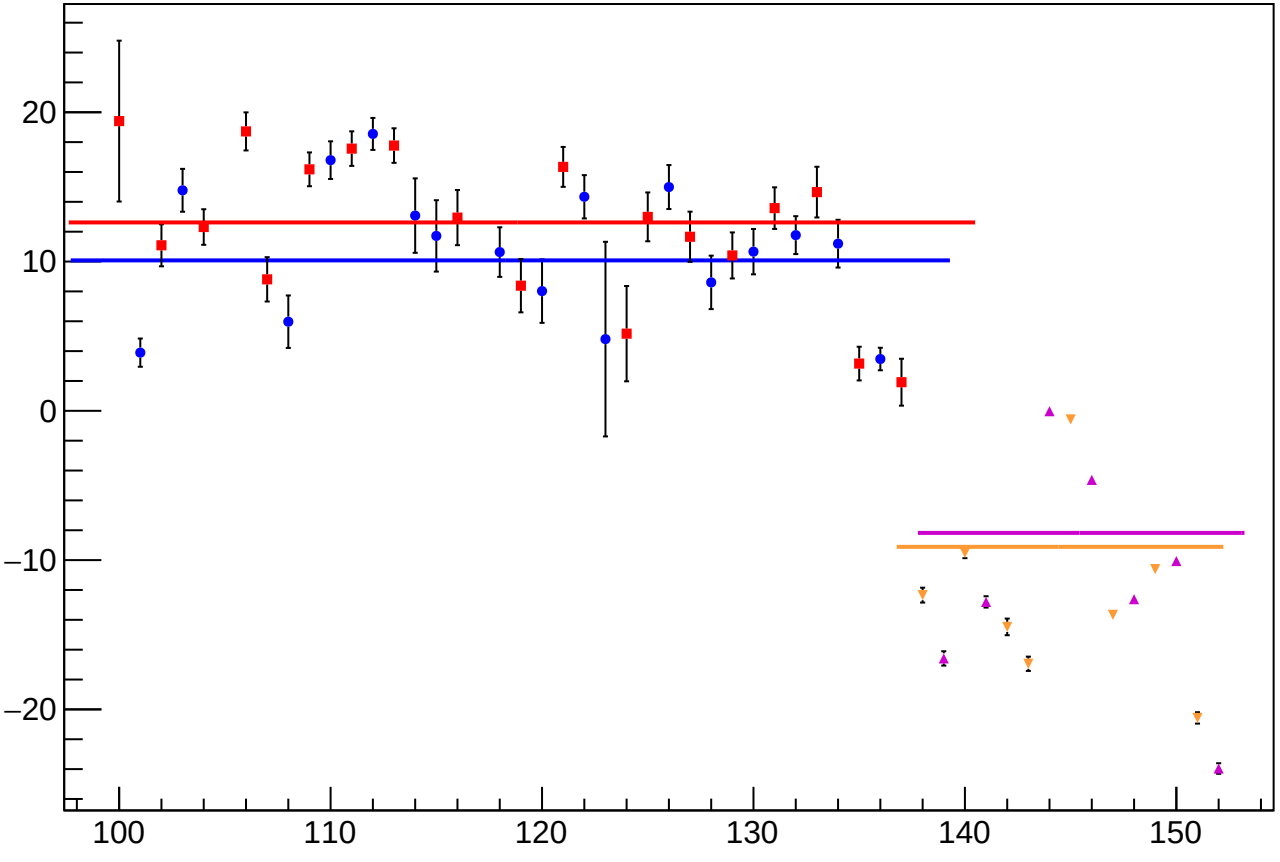
Left In: -7.654+/-0.072 χ^2/NDF:109.1/6

+ sign -7.302+/-0.075 χ^2/NDF: 503.5/24

All: -7.521+/-0.050 χ^2/NDF: 856.7/50

- sign -7.698+/-0.067 χ^2/NDF: 337.5/25

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -9.112+/-0.121 χ^2/NDF:3231.8/7

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

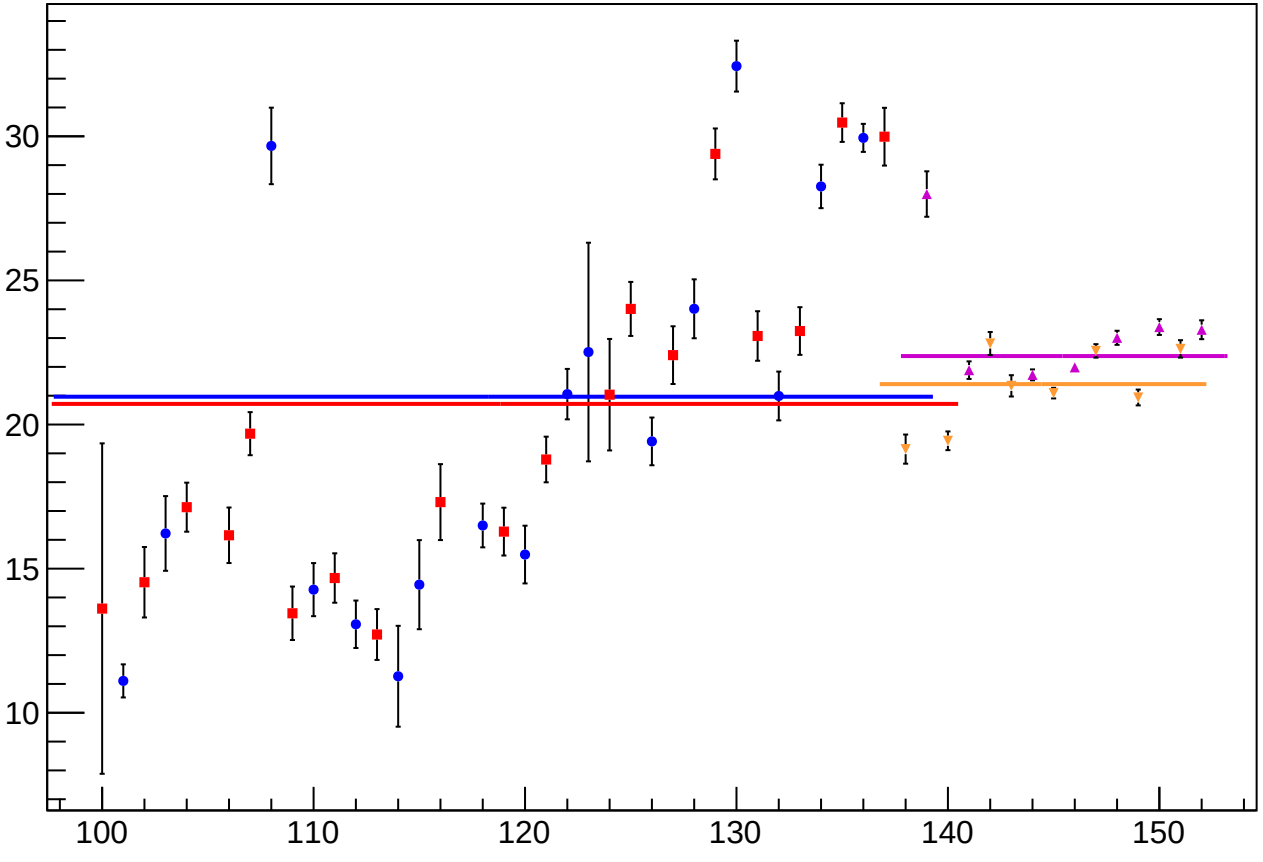
Left In: -8.177+/-0.108 χ^2/NDF:4197.2/6

+ sign -6.912+/-0.114 χ^2/NDF: 6358.9/24

All: -6.513+/-0.076 χ^2/NDF: 14337.8/50

- sign -6.189+/-0.103 χ^2/NDF: 7956.7/25

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 21.402+/-0.100 χ^2/NDF:115.5/7

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

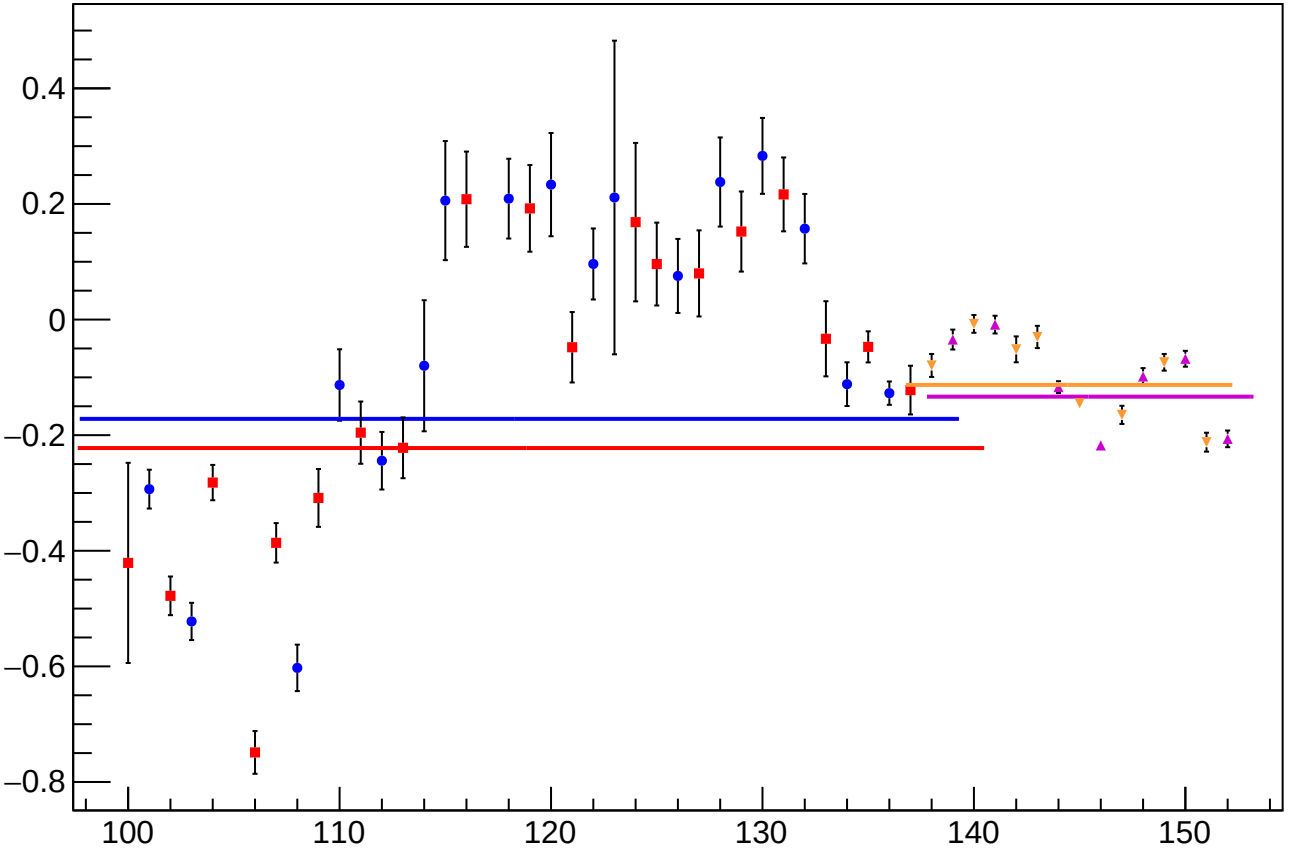
Left In: 22.375+/-0.089 χ^2/NDF:100.5/6

+ sign 21.321+/-0.091 χ^2/NDF: 1344.6/24

All: 21.763+/-0.061 χ^2/NDF: 2270.4/50

- sign 22.128+/-0.082 χ^2/NDF: 882.2/25

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.113+/-0.005 χ^2/NDF:146.2/7

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

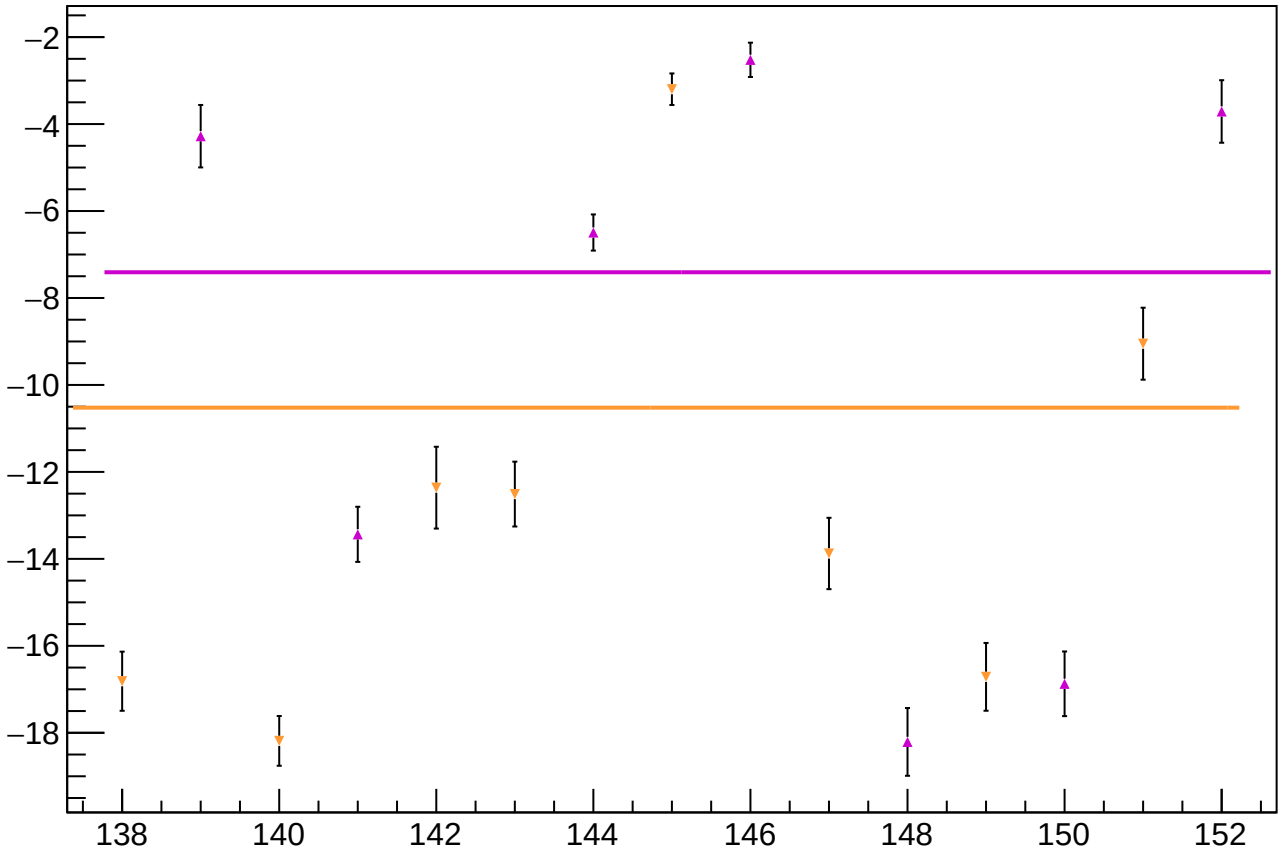
Left In: -0.133+/-0.005 χ^2/NDF:255.5/6

+ sign -0.123+/-0.005 χ^2/NDF: 633.3/24

All: -0.136+/-0.003 χ^2/NDF: 1495.4/50

- sign -0.147+/-0.004 χ^2/NDF: 847.5/25

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.523+/-0.222 χ^2/NDF:766.7/7

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

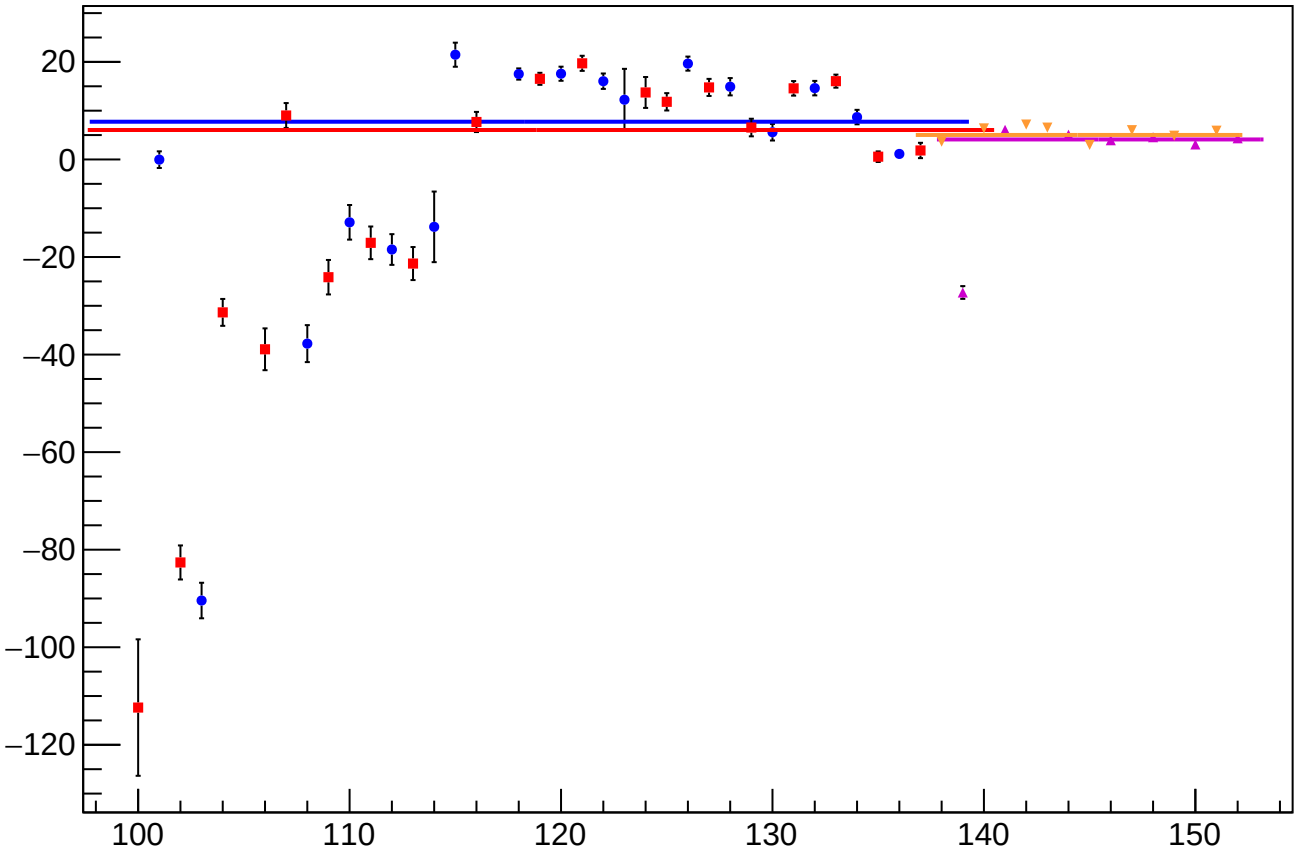
Left In: -7.408+/-0.213 χ^2/NDF:648.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.904+/-0.154 χ^2/NDF: 1517.4/14

- 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: 5.023+/-0.157 χ^2/NDF:94.1/7

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

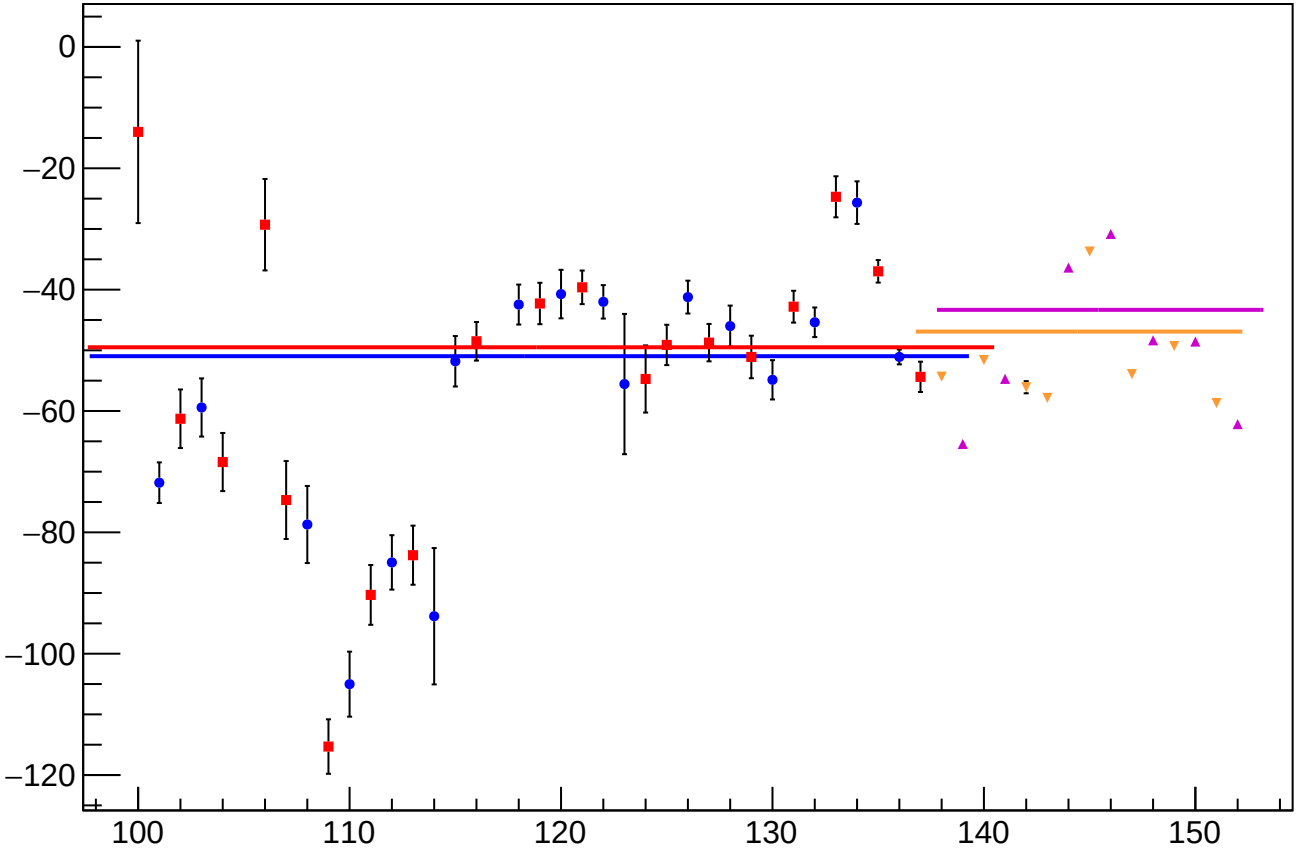
Left In: 4.100+/-0.146 χ^2/NDF:612.5/6

+ sign 5.381+/-0.146 χ^2/NDF: 1492.0/24

All: 4.808+/-0.100 χ^2/NDF: 3663.6/50

- sign 4.297+/-0.138 χ^2/NDF: 2142.6/25

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -46.907+/-0.230 χ^2/NDF:1906.3/7

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

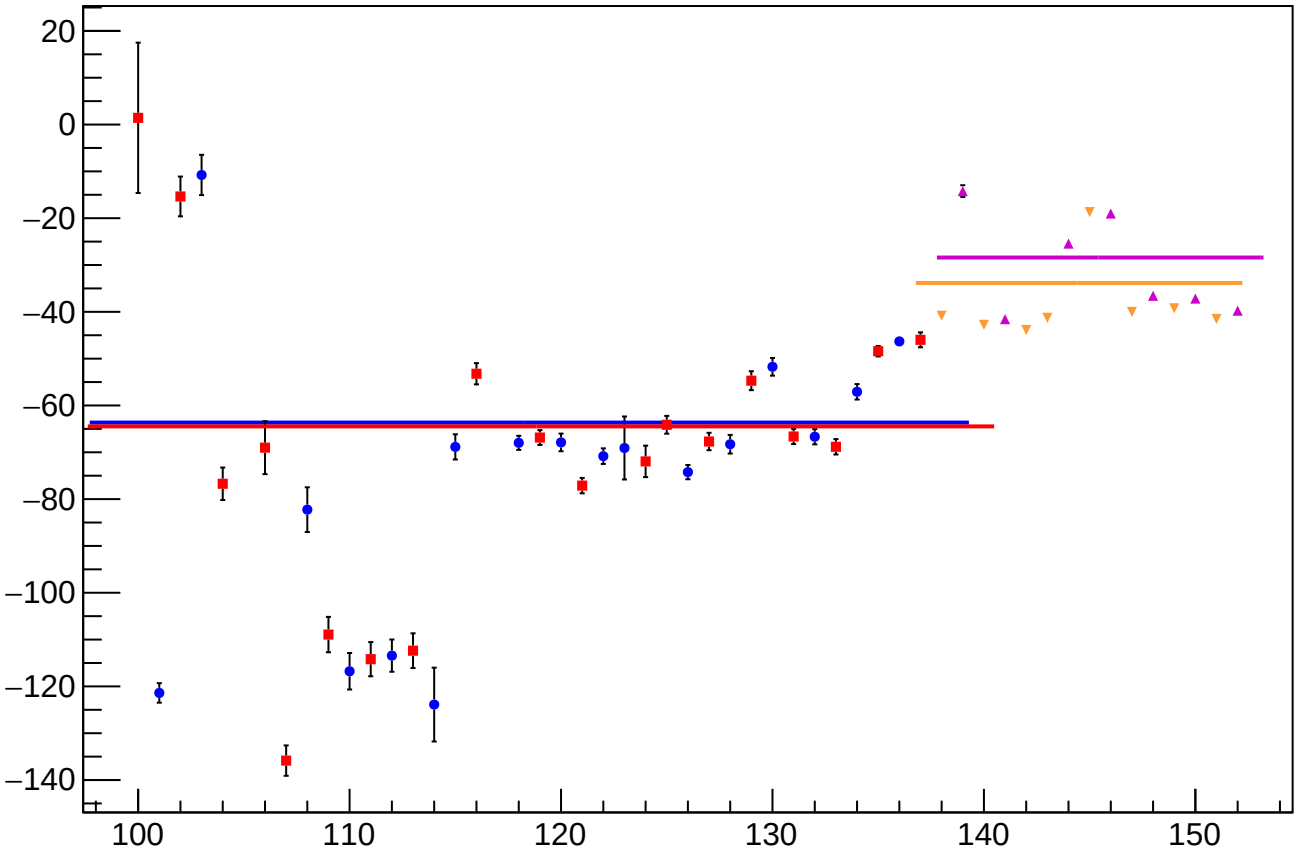
Left In: -43.328+/-0.214 χ^2/NDF:3276.5/6

+ sign -47.266+/-0.219 χ^2/NDF: 2266.5/24

All: -45.398+/-0.150 χ^2/NDF: 6246.0/50

- sign -43.742+/-0.207 χ^2/NDF: 3842.7/25

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -33.828+/-0.192 χ^2/NDF:3096.9/7

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

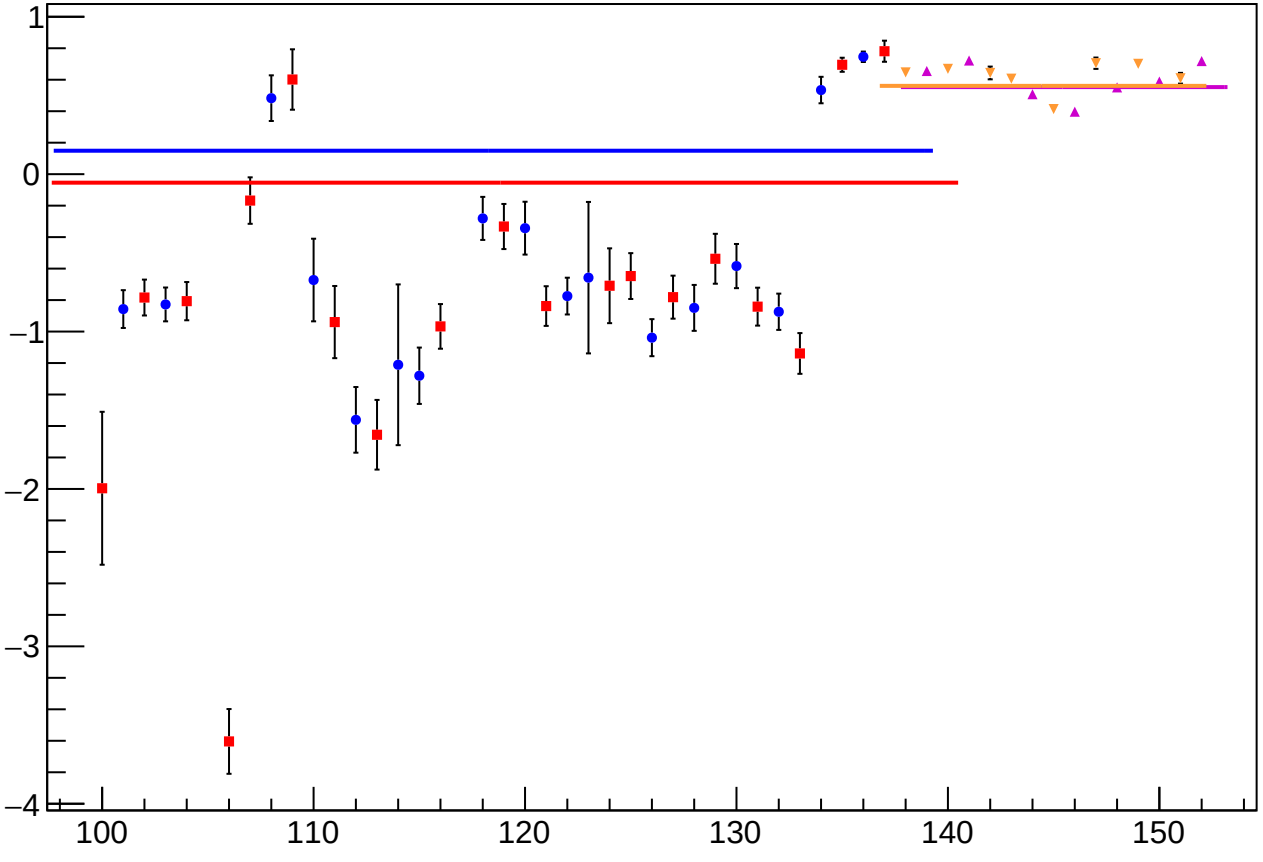
Left In: -28.402+/-0.179 χ^2/NDF:2461.8/6

+ sign -38.487+/-0.176 χ^2/NDF: 8896.6/24

All: -35.493+/-0.121 χ^2/NDF: 18429.3/50

- sign -32.768+/-0.168 χ^2/NDF: 8979.9/25

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.561+/-0.009 χ^2/NDF:162.7/7

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

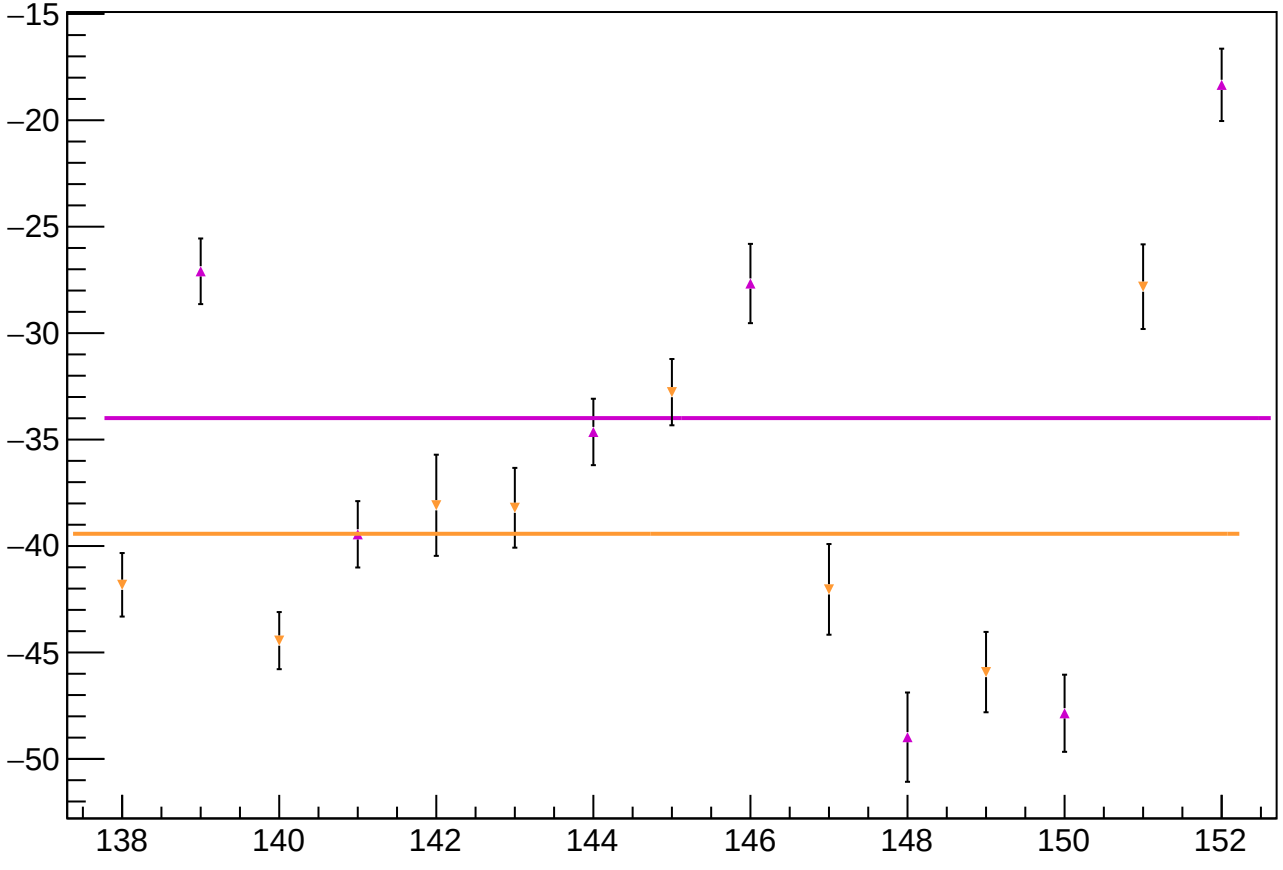
Left In: 0.553+/-0.009 χ^2/NDF:170.5/6

+ sign 0.505+/-0.009 χ^2/NDF: 1408.2/24

All: 0.496+/-0.006 χ^2/NDF: 3227.5/50

- sign 0.487+/-0.009 χ^2/NDF: 1817.3/25

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -39.425+/-0.616 χ^2/NDF:83.0/7

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

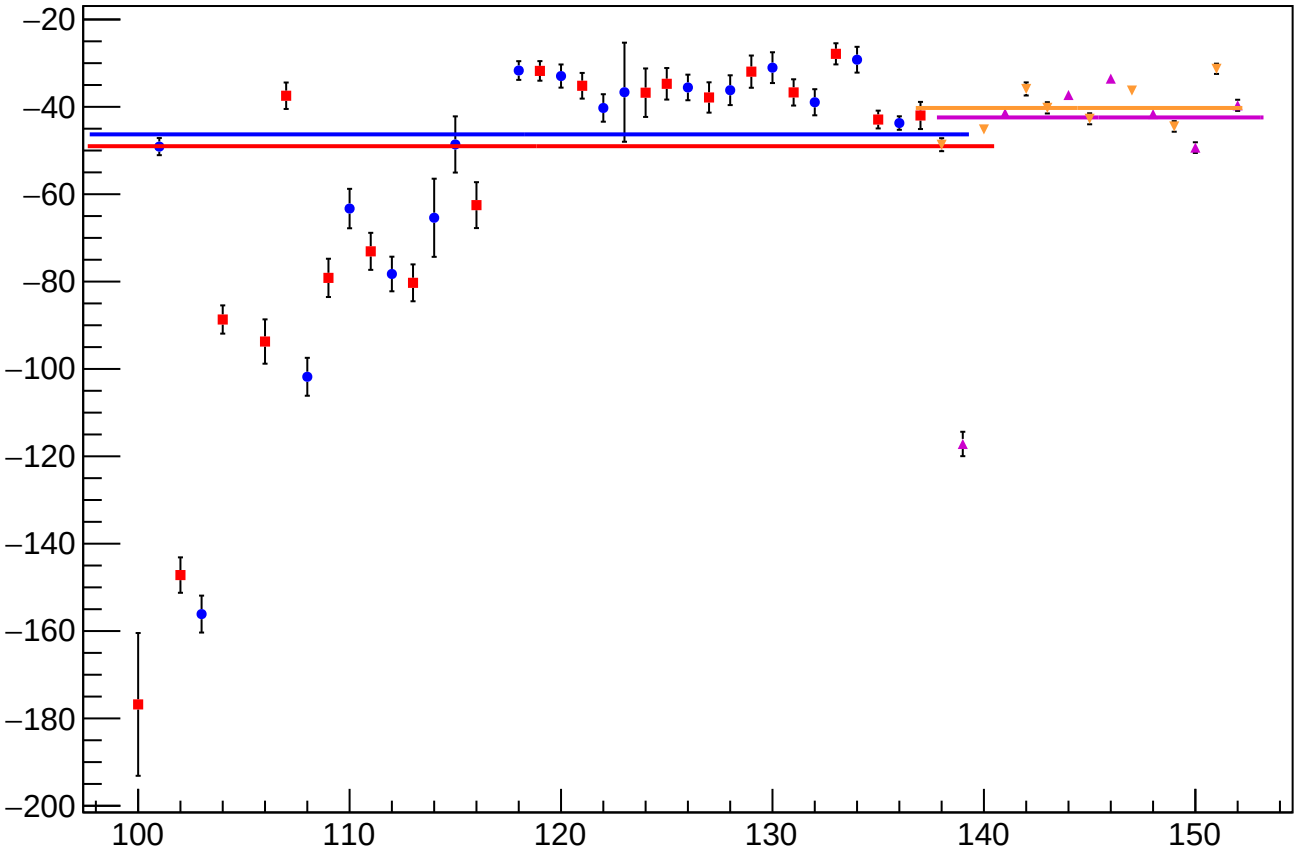
Left In: -33.991+/-0.644 χ^2/NDF:238.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.828+/-0.445 χ^2/NDF: 358.6/14

- 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: -40.256+/-0.433 χ^2/NDF:150.2/7

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

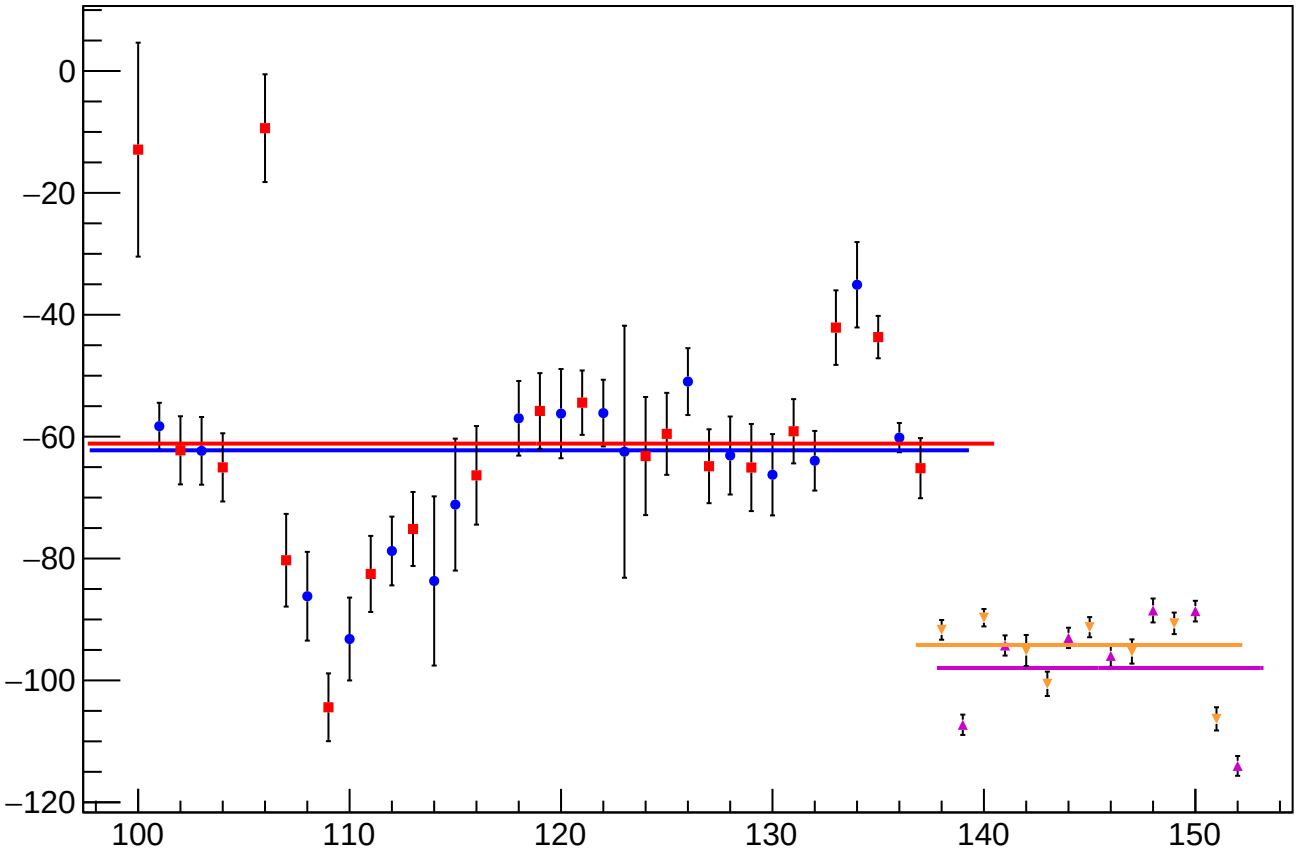
Left In: -42.424+/-0.459 χ^2/NDF:836.9/6

+ sign -41.852+/-0.371 χ^2/NDF: 1285.7/24

All: -42.945+/-0.270 χ^2/NDF: 3467.3/50

- sign -44.171+/-0.393 χ^2/NDF: 2163.2/25

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -94.186+/-0.634 χ^2/NDF:70.5/7

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

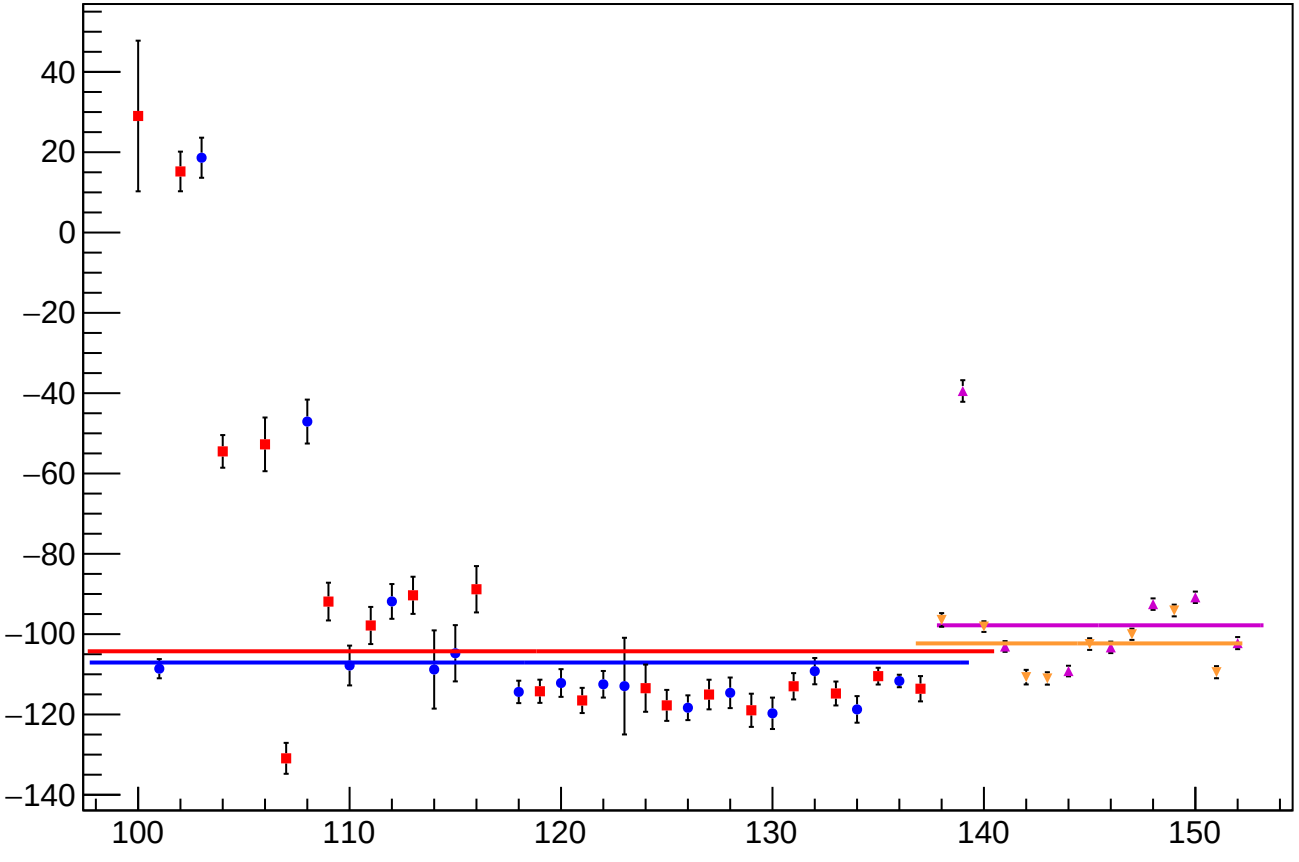
Left In: -97.958+/-0.648 χ^2/NDF:197.2/6

+ sign -88.133+/-0.570 χ^2/NDF: 619.7/24

All: -89.674+/-0.409 χ^2/NDF: 1581.1/50

- sign -91.304+/-0.586 χ^2/NDF: 946.3/25

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -102.308+/-0.533 χ^2/NDF:131.3/7

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

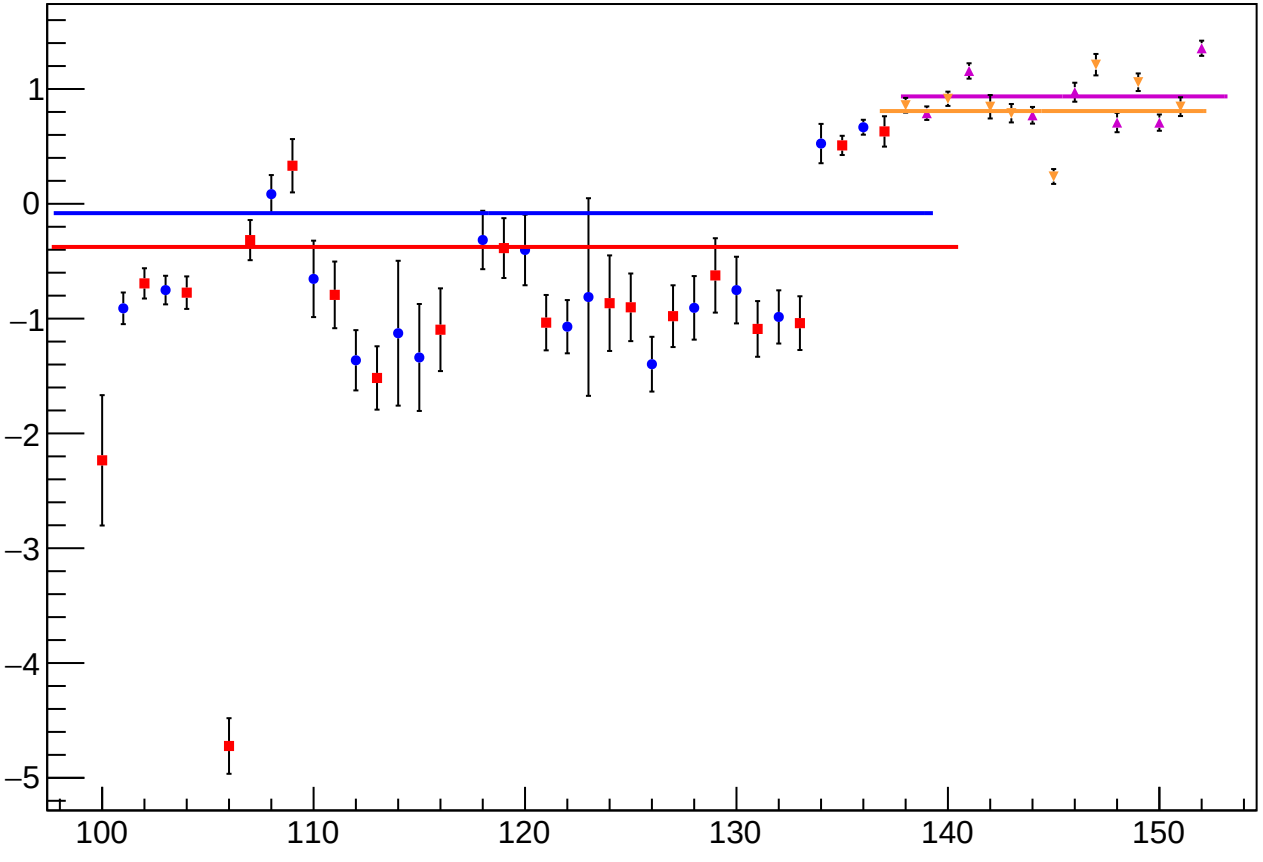
Left In: -97.800+/-0.560 χ^2/NDF:621.8/6

+ sign -103.742+/-0.445 χ^2/NDF: 983.7/24

All: -101.839+/-0.323 χ^2/NDF: 2702.4/50

- sign -99.724+/-0.470 χ^2/NDF: 1680.1/25

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.808+/-0.026 χ^2/NDF:110.7/7

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

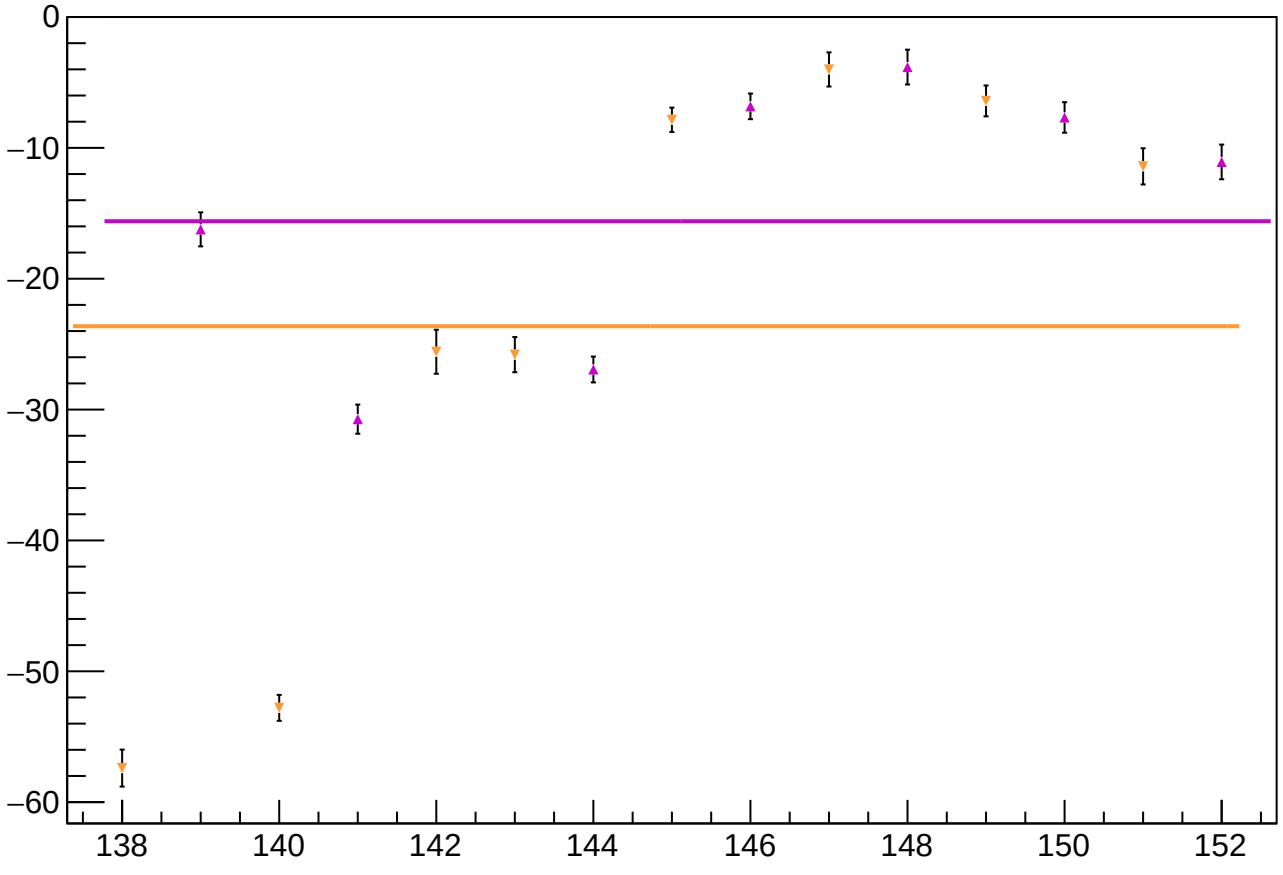
Left In: 0.935+/-0.027 χ^2/NDF:80.3/6

+ sign 0.556+/-0.022 χ^2/NDF: 758.6/24

All: 0.570+/-0.016 χ^2/NDF: 2075.7/50

- sign 0.584+/-0.023 χ^2/NDF: 1316.4/25

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -23.628+/-0.430 χ^2/NDF:2246.1/7

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

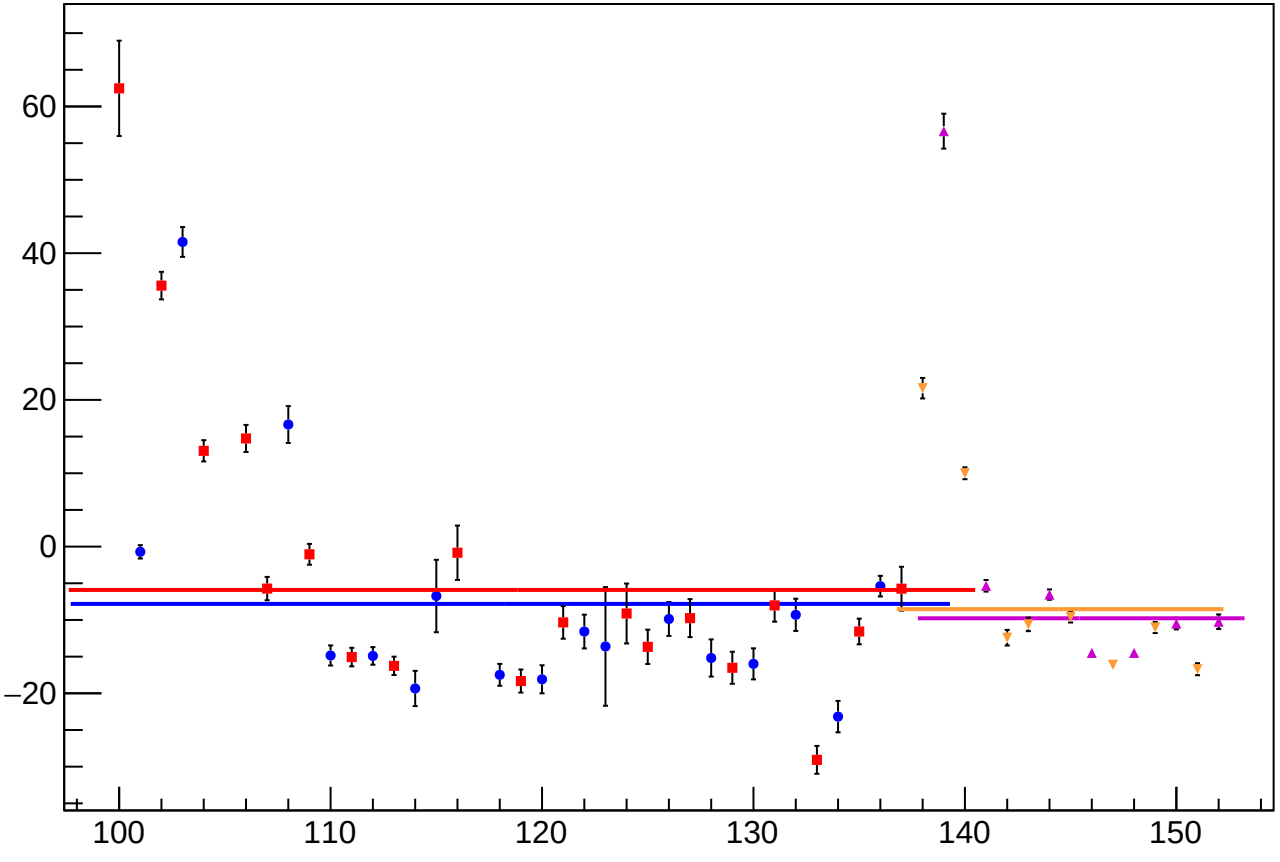
Left In: -15.606+/-0.433 χ^2/NDF:533.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -19.645+/-0.305 χ^2/NDF: 2952.4/14

- 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: -8.525+/-0.293 χ^2/NDF:1271.7/7

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

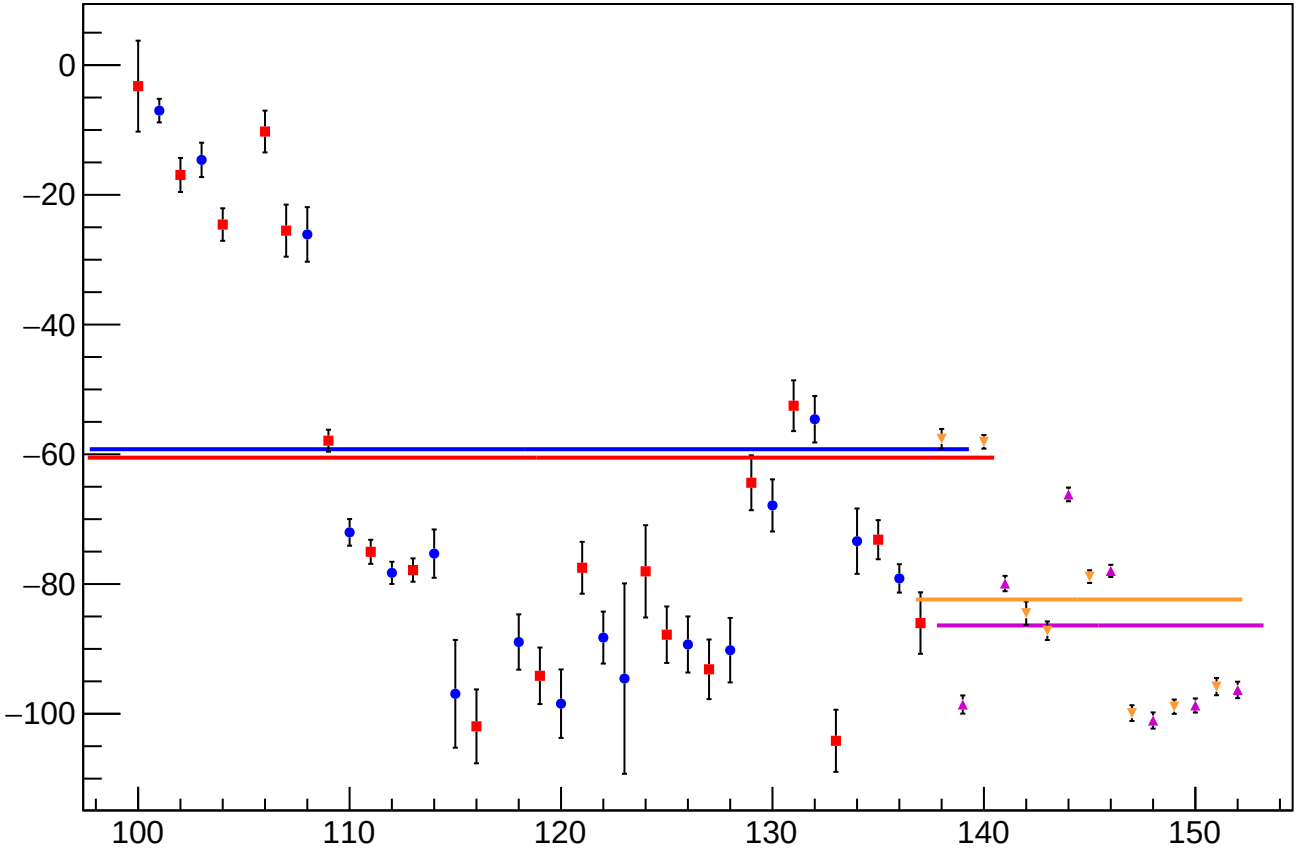
Left In: -9.772+/-0.296 χ^2/NDF:943.0/6

+ sign -8.297+/-0.242 χ^2/NDF: 2256.4/24

All: -8.411+/-0.172 χ^2/NDF: 4547.8/50

- sign -8.527+/-0.244 χ^2/NDF: 2291.0/25

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -82.383+/-0.438 χ^2/NDF:1351.4/7

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

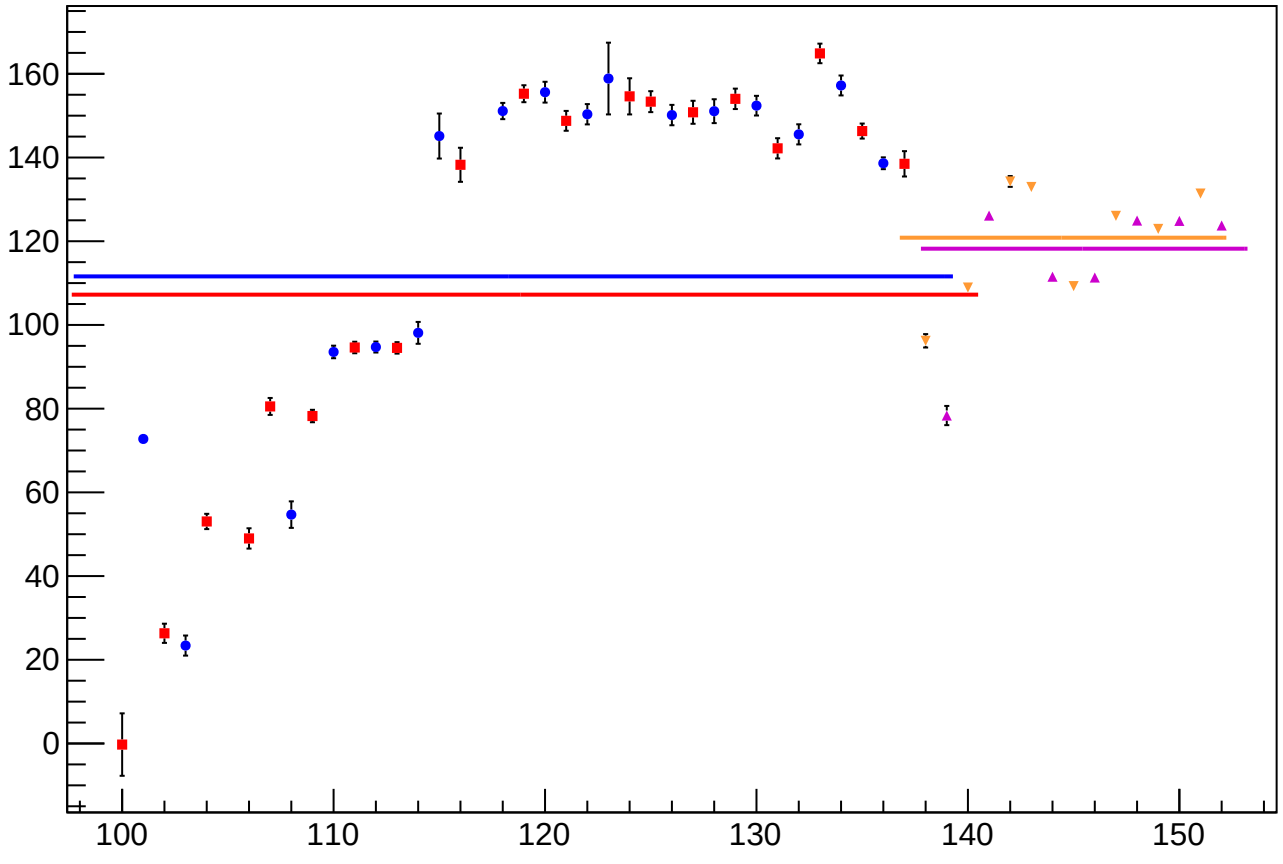
Left In: -86.381+/-0.432 χ^2/NDF:877.1/6

+ sign -76.421+/-0.377 χ^2/NDF: 3792.5/24

All: -77.894+/-0.264 χ^2/NDF: 7063.2/50

- sign -79.298+/-0.368 χ^2/NDF: 3241.0/25

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 120.845+/-0.362 χ^2/NDF:930.8/7

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

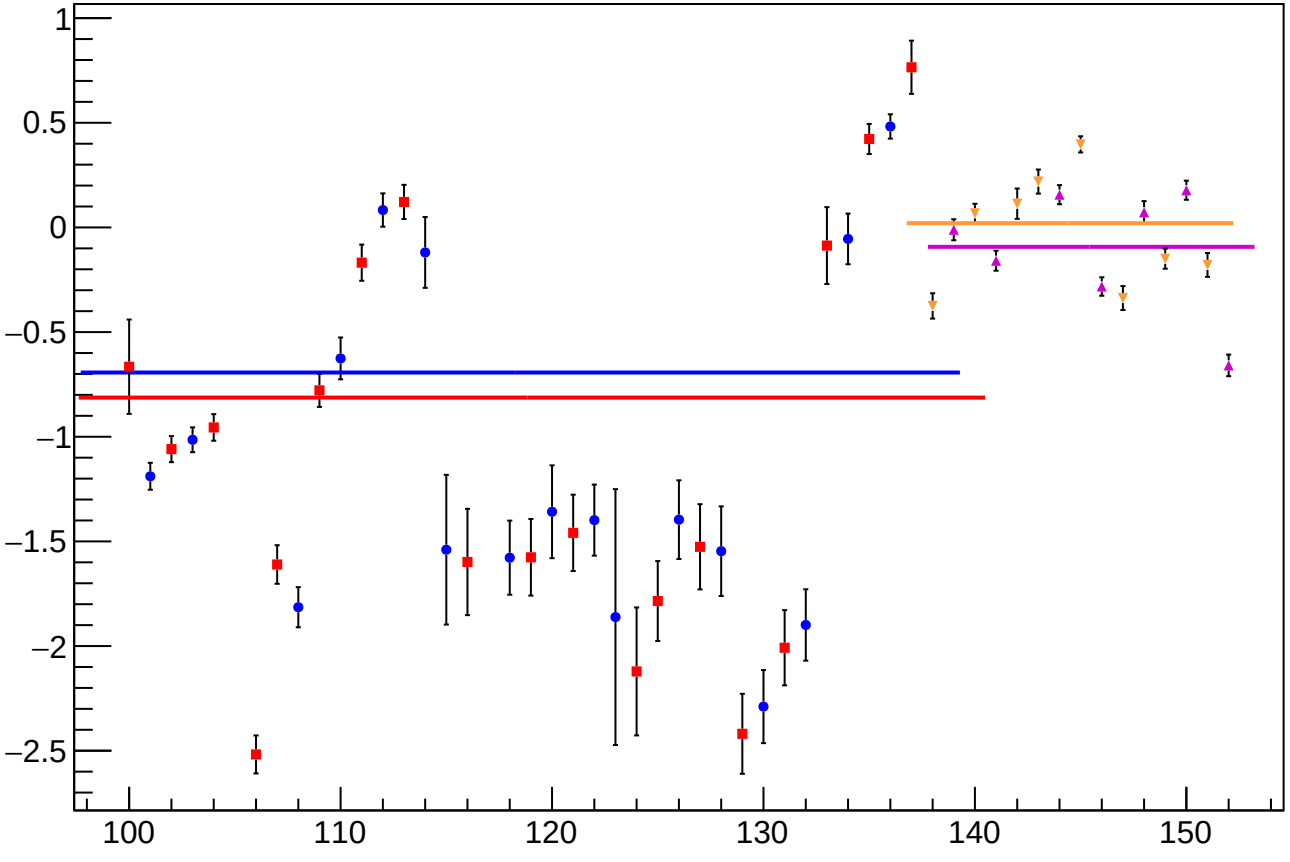
Left In: 118.219+/-0.364 χ^2/NDF:645.2/6

+ sign 117.549+/-0.291 χ^2/NDF: 7122.7/24

All: 115.927+/-0.206 χ^2/NDF: 15193.6/50

- sign 114.294+/-0.292 χ^2/NDF: 8008.4/25

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: 0.020+/-0.018 χ^2/NDF:216.2/7

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

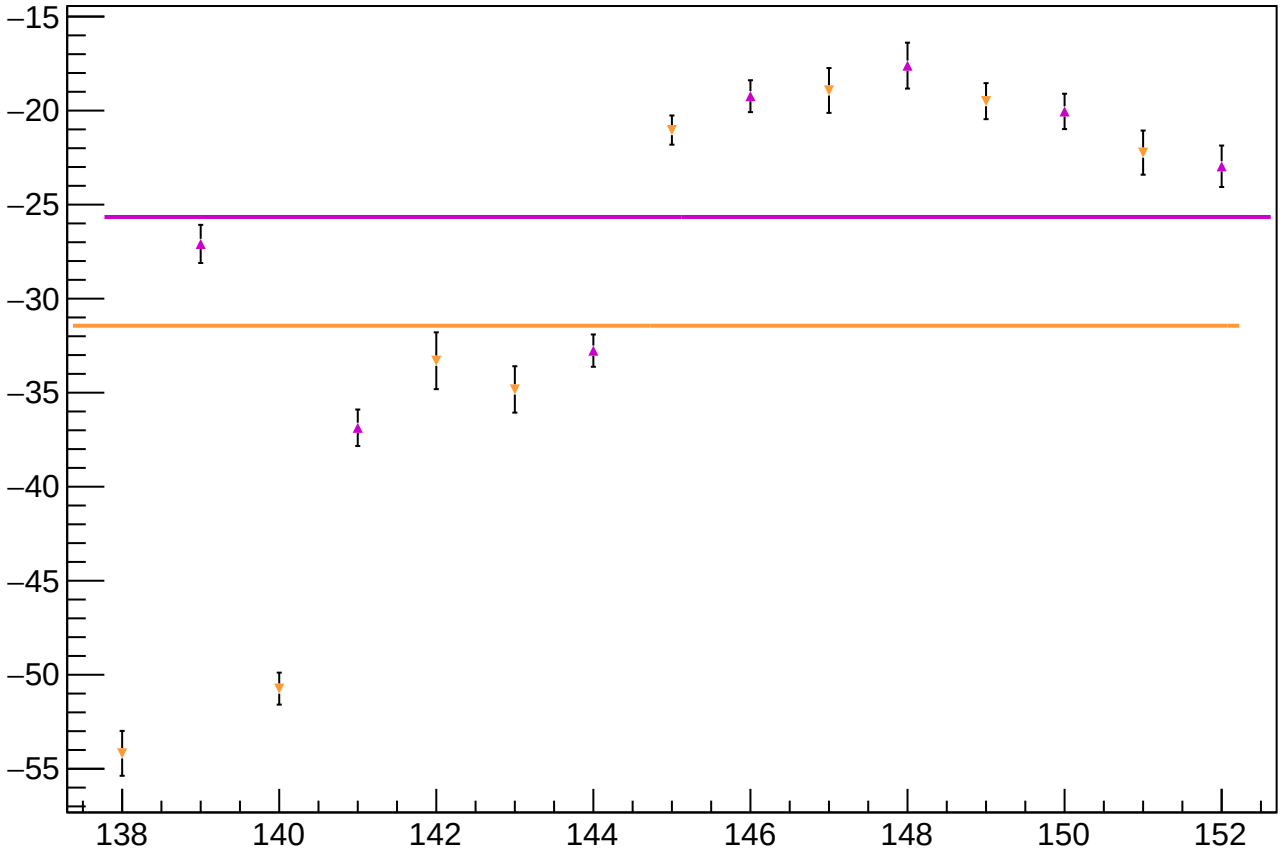
Left In: -0.093+/-0.018 χ^2/NDF:217.7/6

+ sign -0.220+/-0.015 χ^2/NDF: 1717.4/24

All: -0.287+/-0.010 χ^2/NDF: 3847.4/50

- sign -0.350+/-0.015 χ^2/NDF: 2091.1/25

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.439+/-0.369 χ^2/NDF:1393.8/7

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

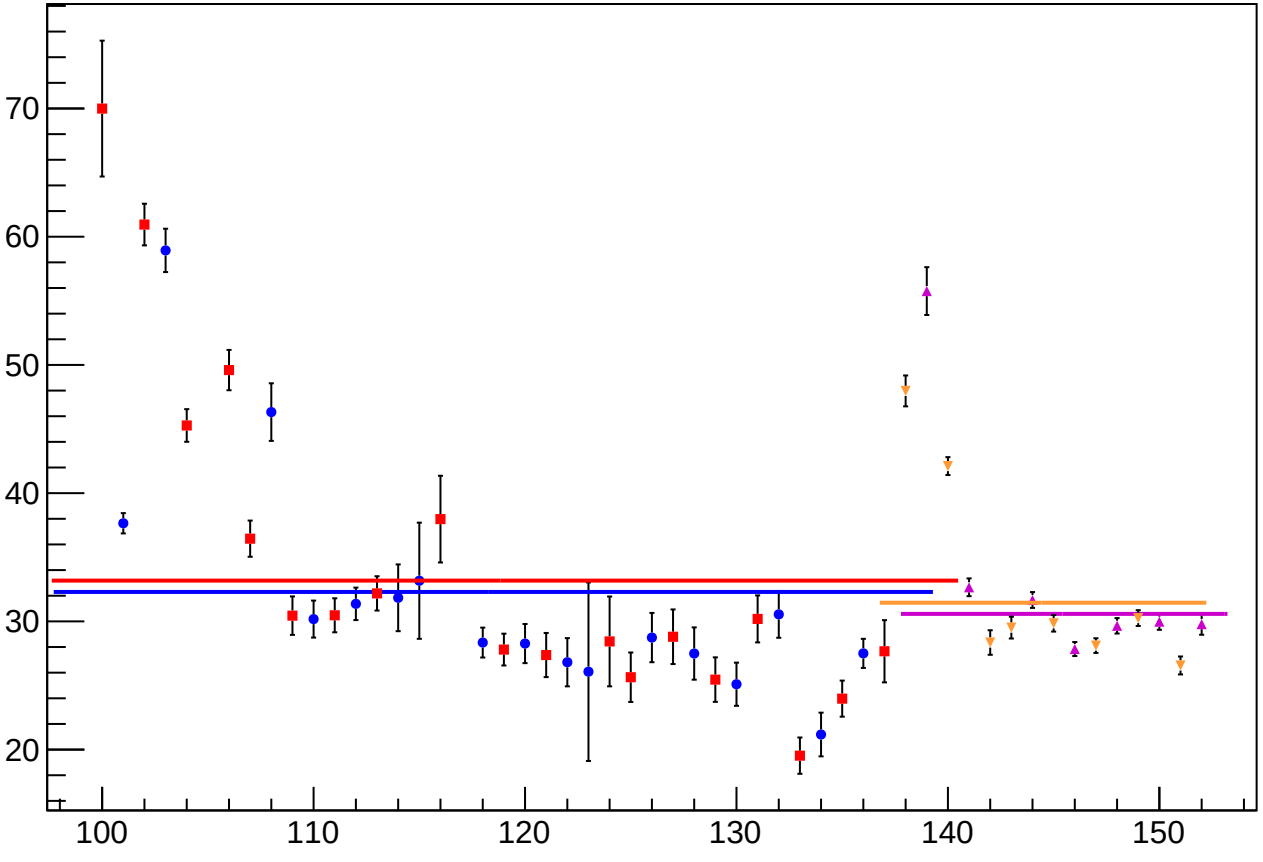
Left In: -25.658+/-0.367 χ^2/NDF:346.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -28.538+/-0.260 χ^2/NDF: 1863.5/14

- 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: 31.455+/-0.255 χ^2/NDF:530.3/7

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

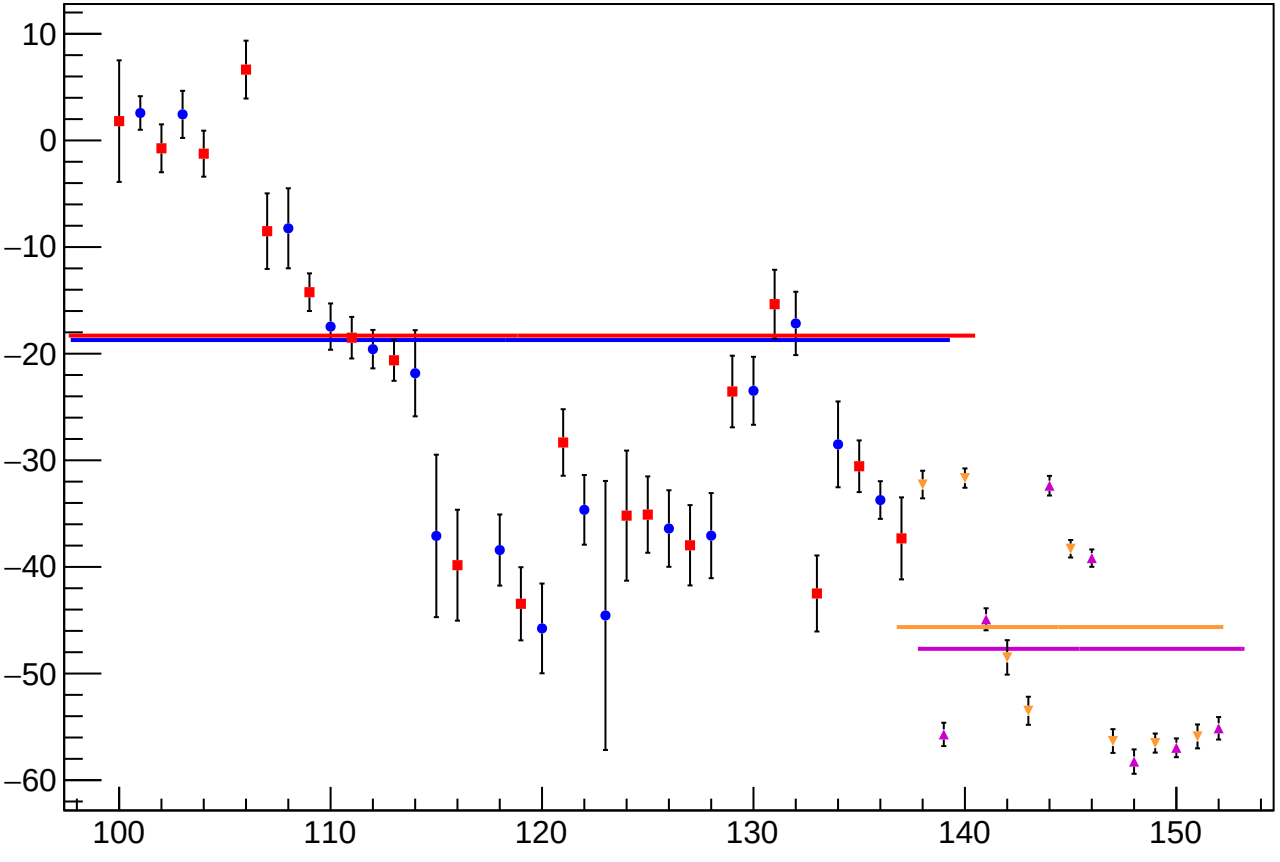
Left In: 30.584+/-0.258 χ^2/NDF:223.7/6

+ sign 31.723+/-0.211 χ^2/NDF: 986.0/24

All: 31.566+/-0.150 χ^2/NDF: 2013.1/50

- sign 31.405+/-0.213 χ^2/NDF: 1026.0/25

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -45.640+/-0.375 χ^2/NDF:787.2/7

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

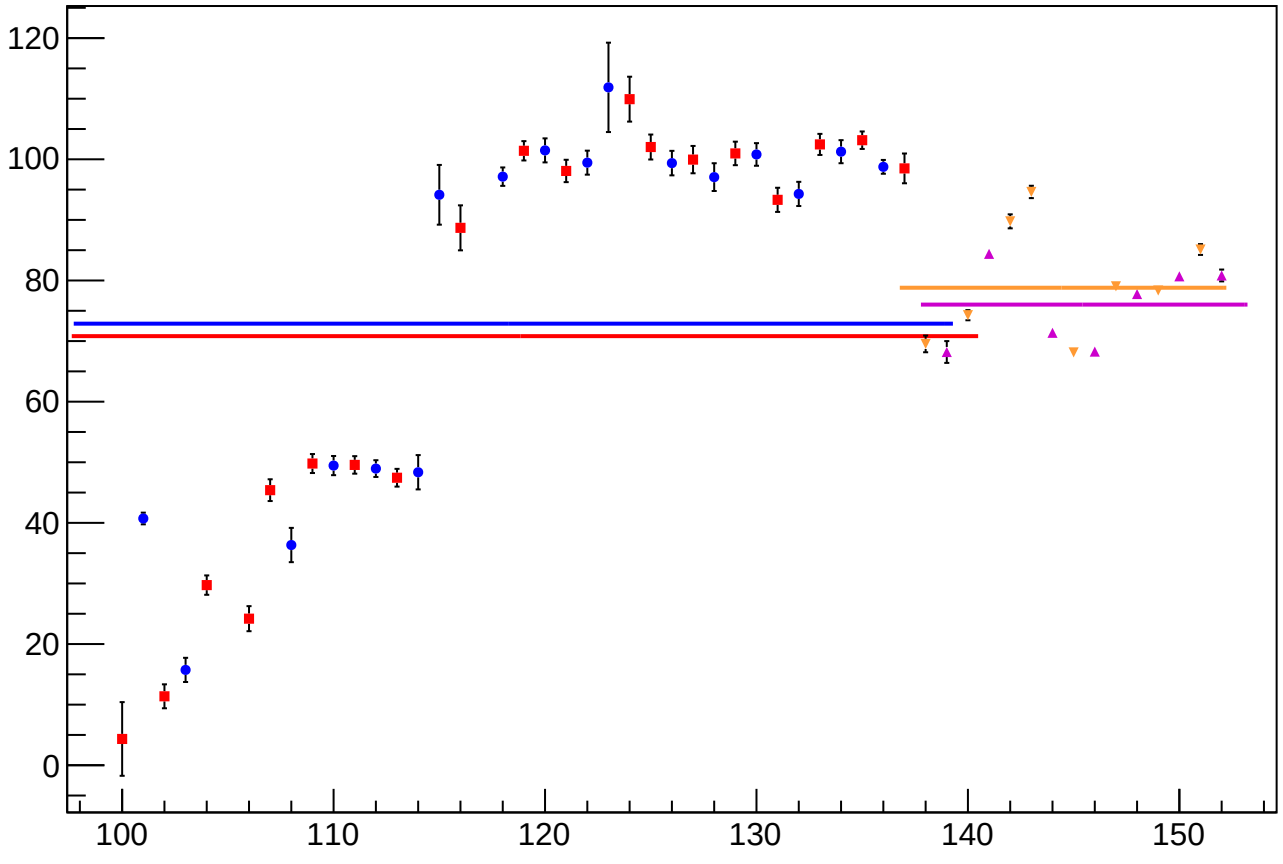
Left In: -47.683+/-0.367 χ^2/NDF:692.9/6

+ sign -39.152+/-0.327 χ^2/NDF: 2549.0/24

All: -39.825+/-0.228 χ^2/NDF: 5294.8/50

- sign -40.466+/-0.319 χ^2/NDF: 2737.5/25

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 78.804+/-0.314 χ^2/NDF:662.6/7

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

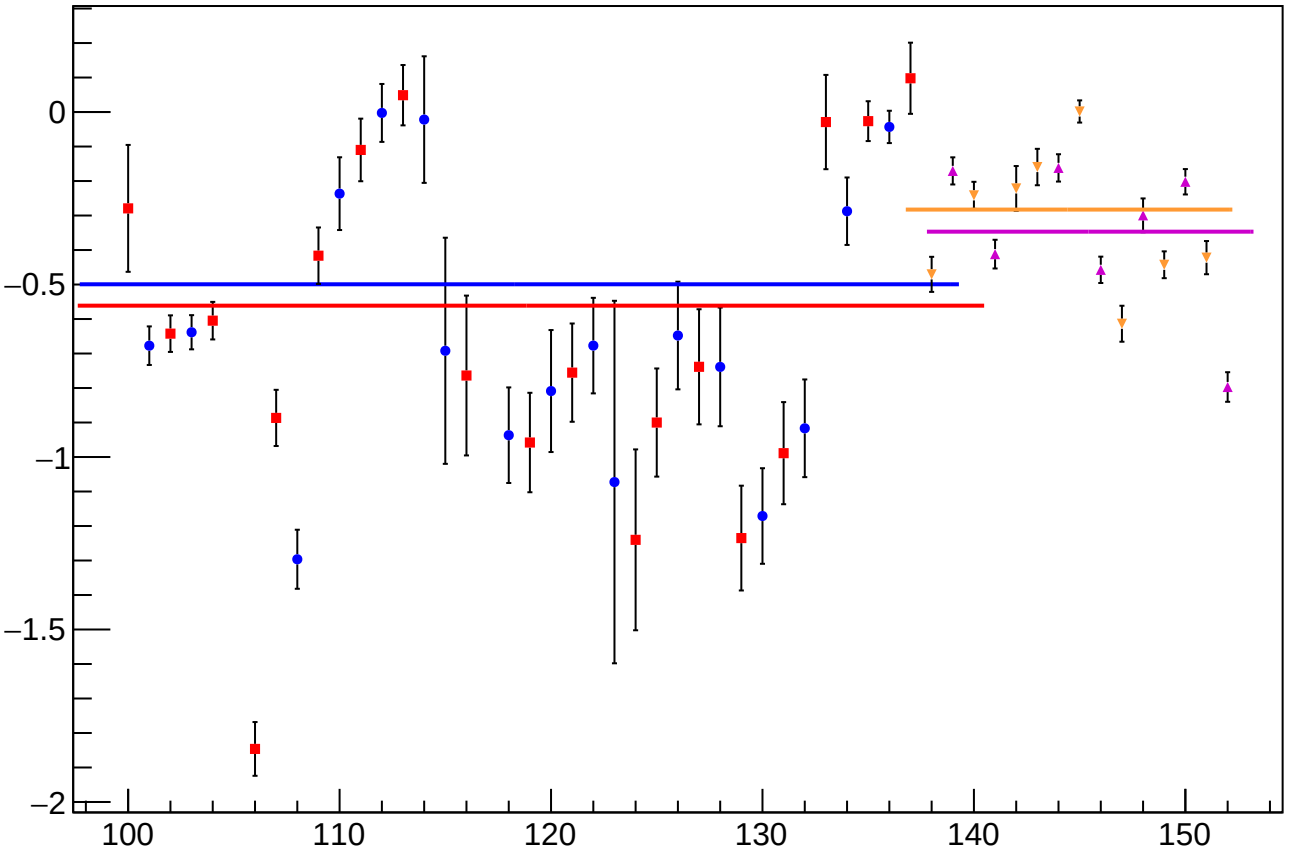
Left In: 76.021+/-0.314 χ^2/NDF:361.3/6

+ sign 76.719+/-0.253 χ^2/NDF: 5526.2/24

All: 75.482+/-0.179 χ^2/NDF: 11519.8/50

- sign 74.229+/-0.254 χ^2/NDF: 5945.3/25

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.283+/-0.016 χ^2/NDF:164.8/7

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

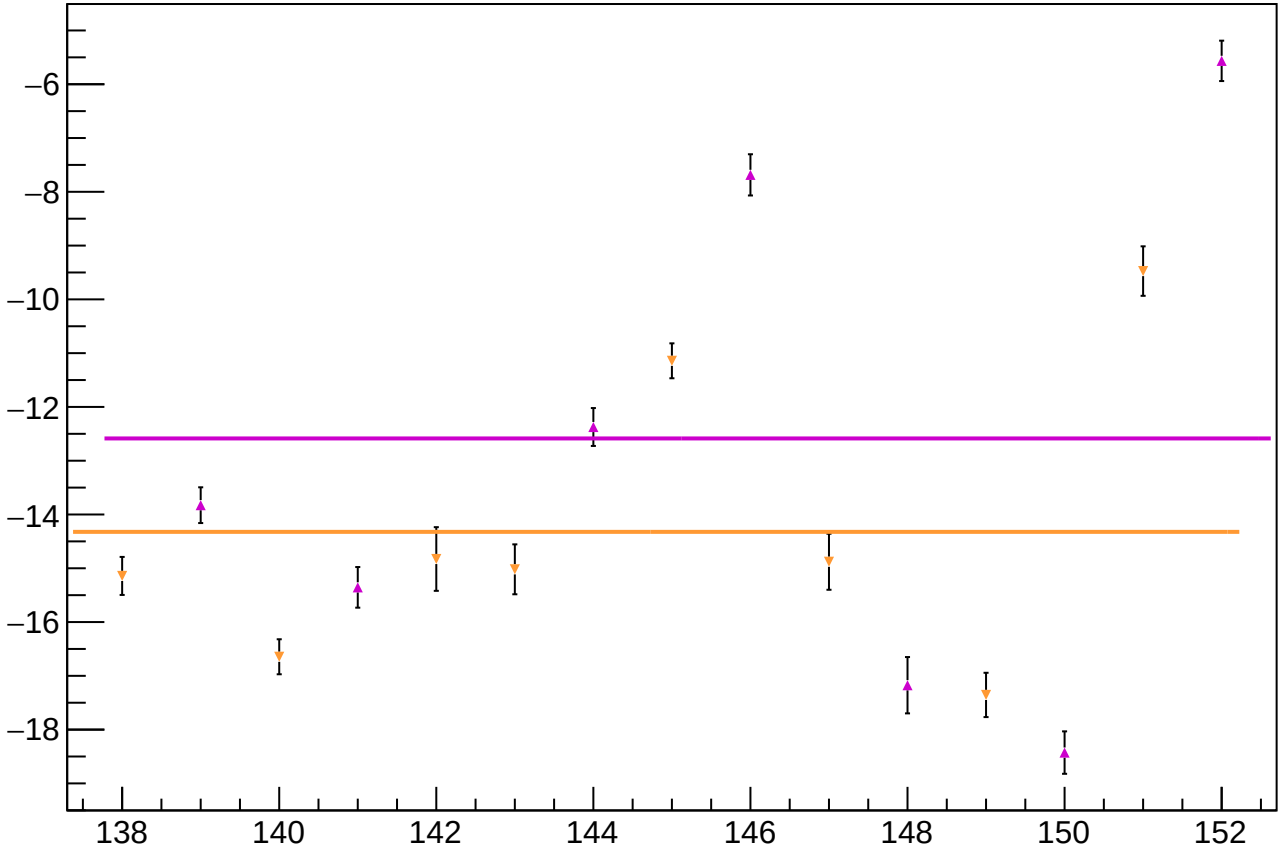
Left In: -0.347+/-0.015 χ^2/NDF:179.2/6

+ sign -0.354+/-0.013 χ^2/NDF: 531.4/24

All: -0.388+/-0.009 χ^2/NDF: 1352.6/50

- sign -0.420+/-0.012 χ^2/NDF: 807.9/25

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: -14.323+/-0.143 χ^2/NDF:321.7/7

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

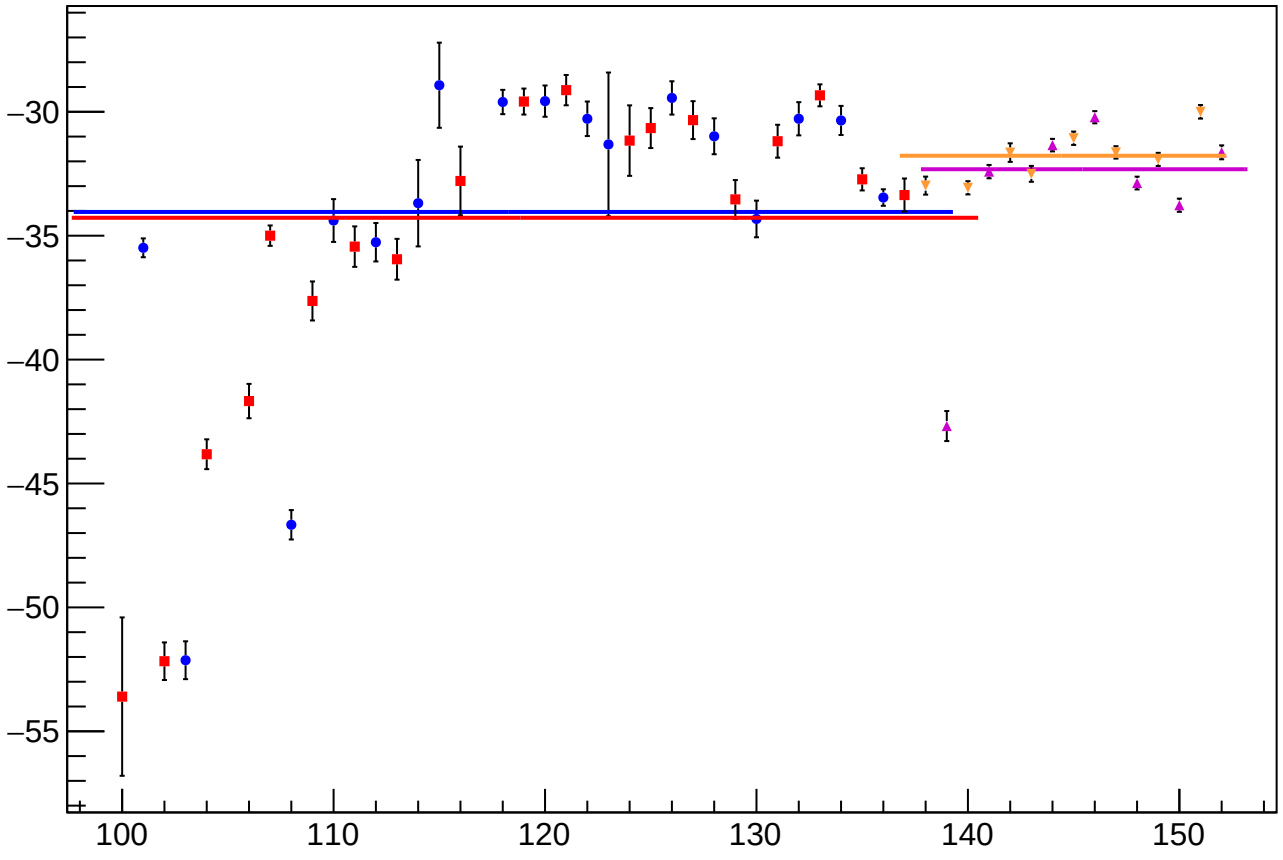
Left In: -12.586+/-0.144 χ^2/NDF:877.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.460+/-0.102 χ^2/NDF: 1271.7/14

- 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: -31.774+/-0.102 χ^2/NDF:88.9/7

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

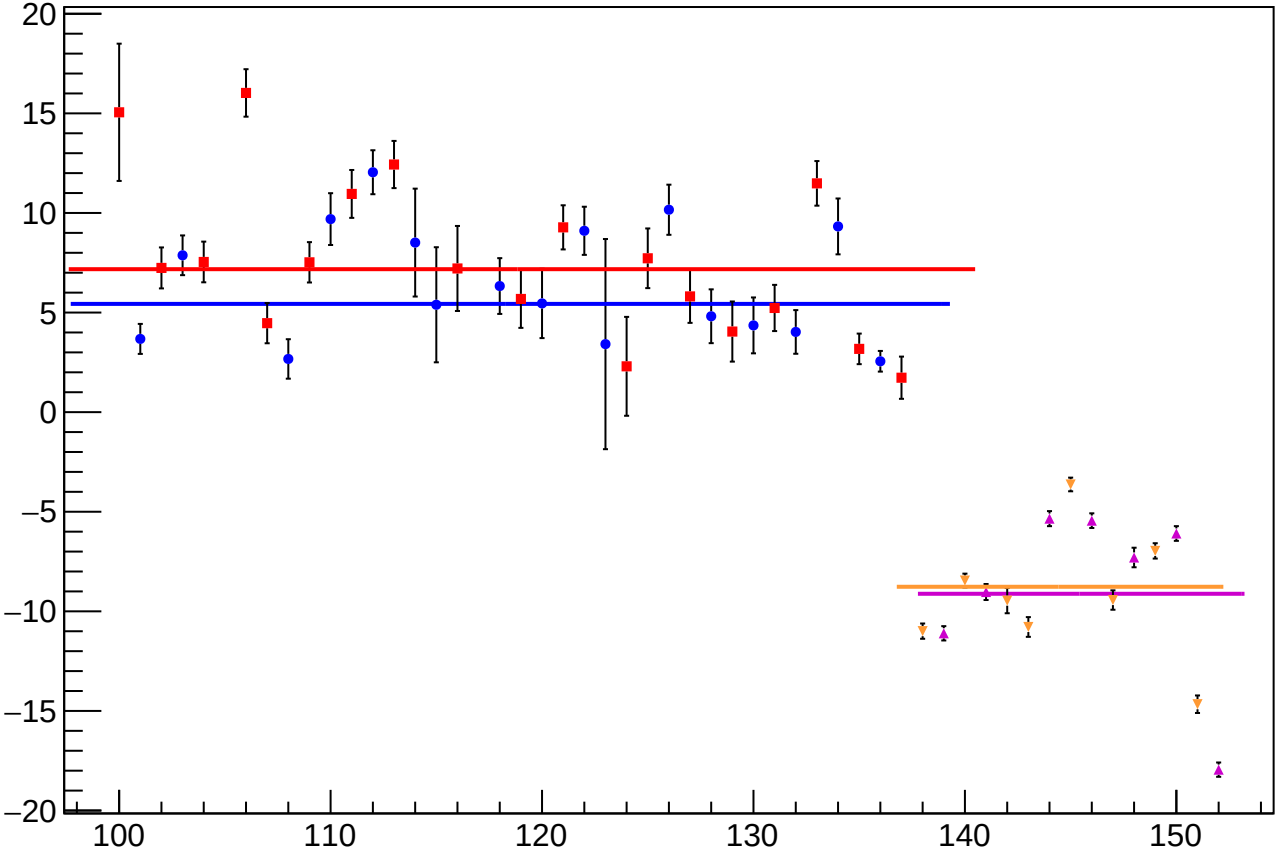
Left In: -32.318+/-0.105 χ^2/NDF:420.5/6

+ sign -32.488+/-0.085 χ^2/NDF: 1584.8/24

All: -32.720+/-0.060 χ^2/NDF: 3483.3/50

- sign -32.961+/-0.086 χ^2/NDF: 1883.2/25

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: -8.767+/-0.147 χ^2/NDF:479.8/7

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

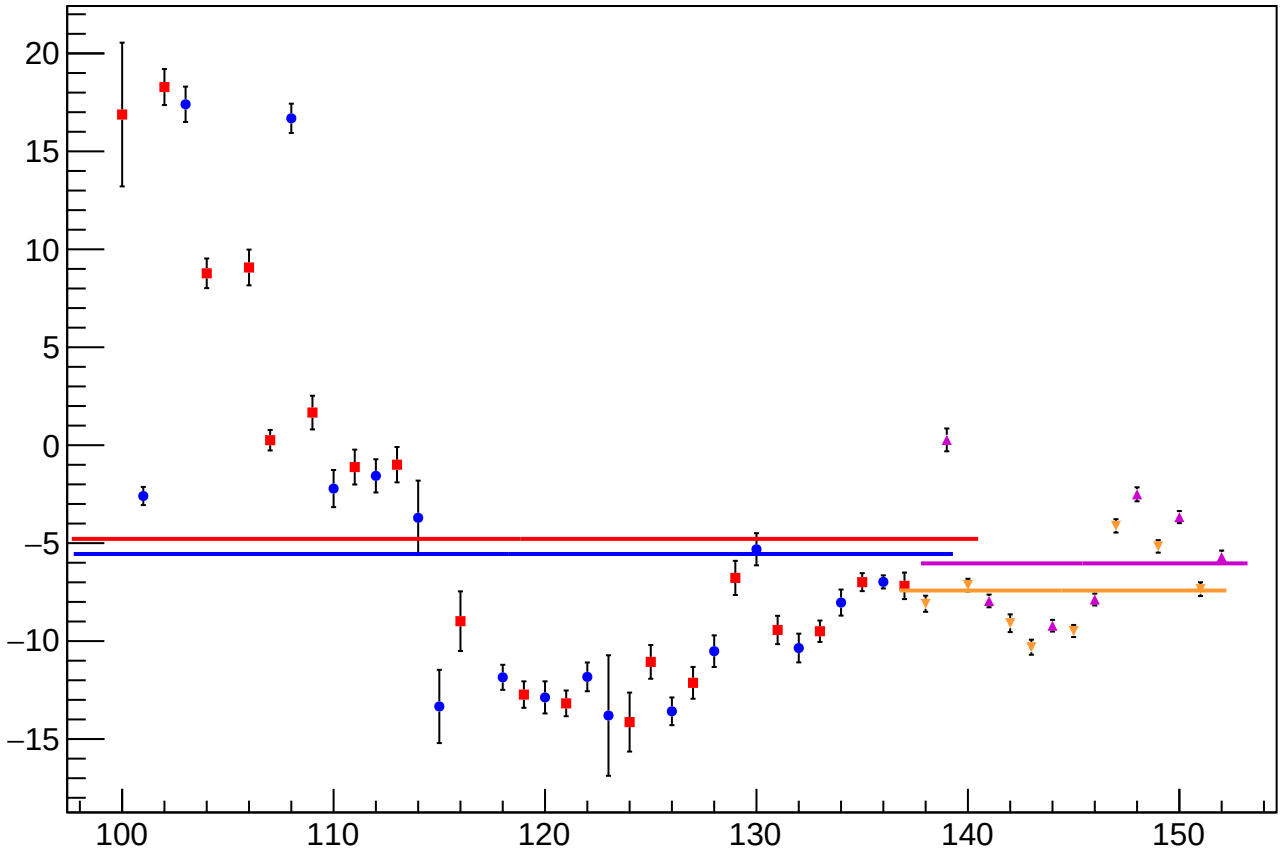
Left In: -9.119+/-0.145 χ^2/NDF:915.7/6

+ sign -5.514+/-0.129 χ^2/NDF: 2751.5/24

All: -5.536+/-0.091 χ^2/NDF: 6610.8/50

- sign -5.558+/-0.128 χ^2/NDF: 3859.3/25

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: -7.417+/-0.125 χ^2/NDF:261.3/7

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

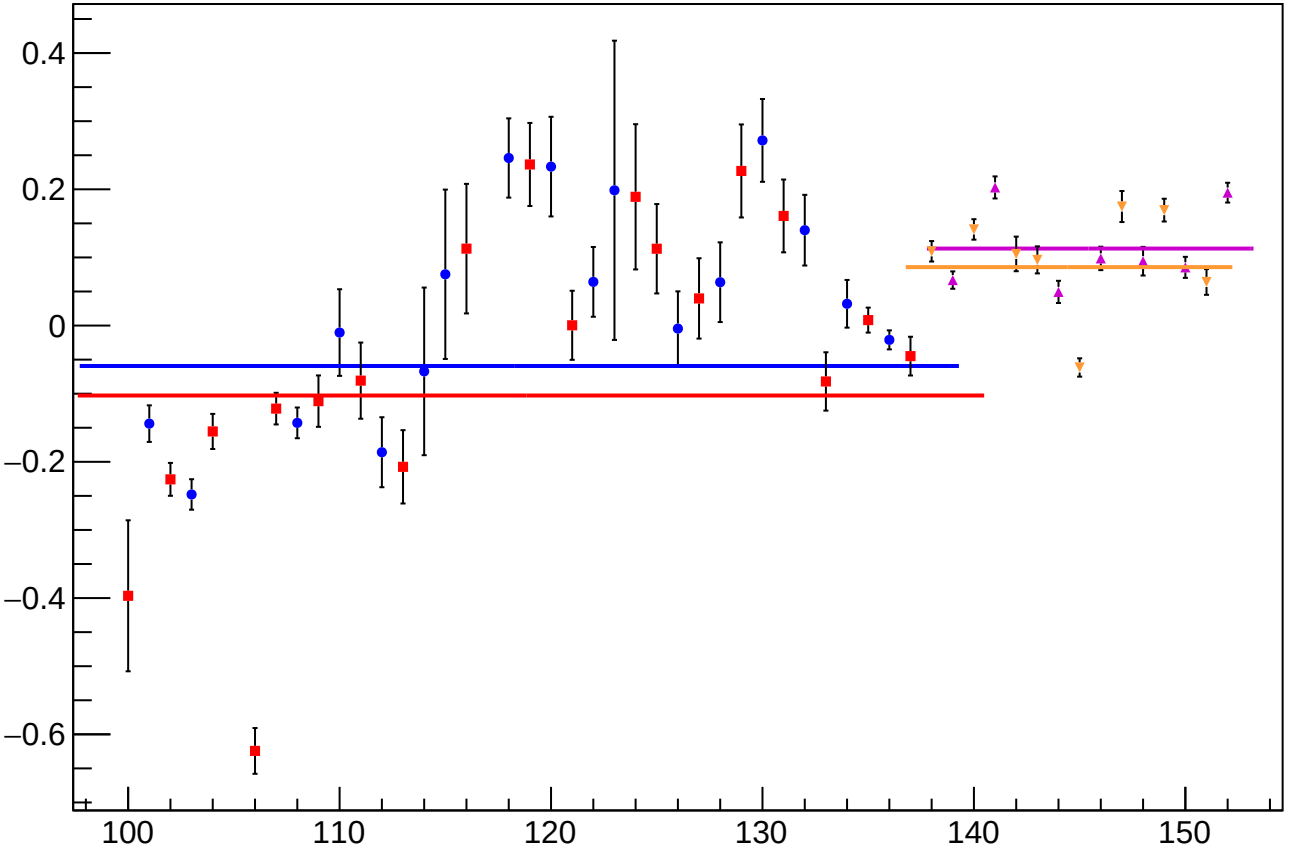
Left In: -6.033+/-0.127 χ^2/NDF:457.9/6

+ sign -6.763+/-0.101 χ^2/NDF: 2464.7/24

All: -6.188+/-0.072 χ^2/NDF: 5063.3/50

- sign -5.593+/-0.102 χ^2/NDF: 2532.3/25

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: 0.086+/-0.006 χ^2/NDF:178.5/7

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

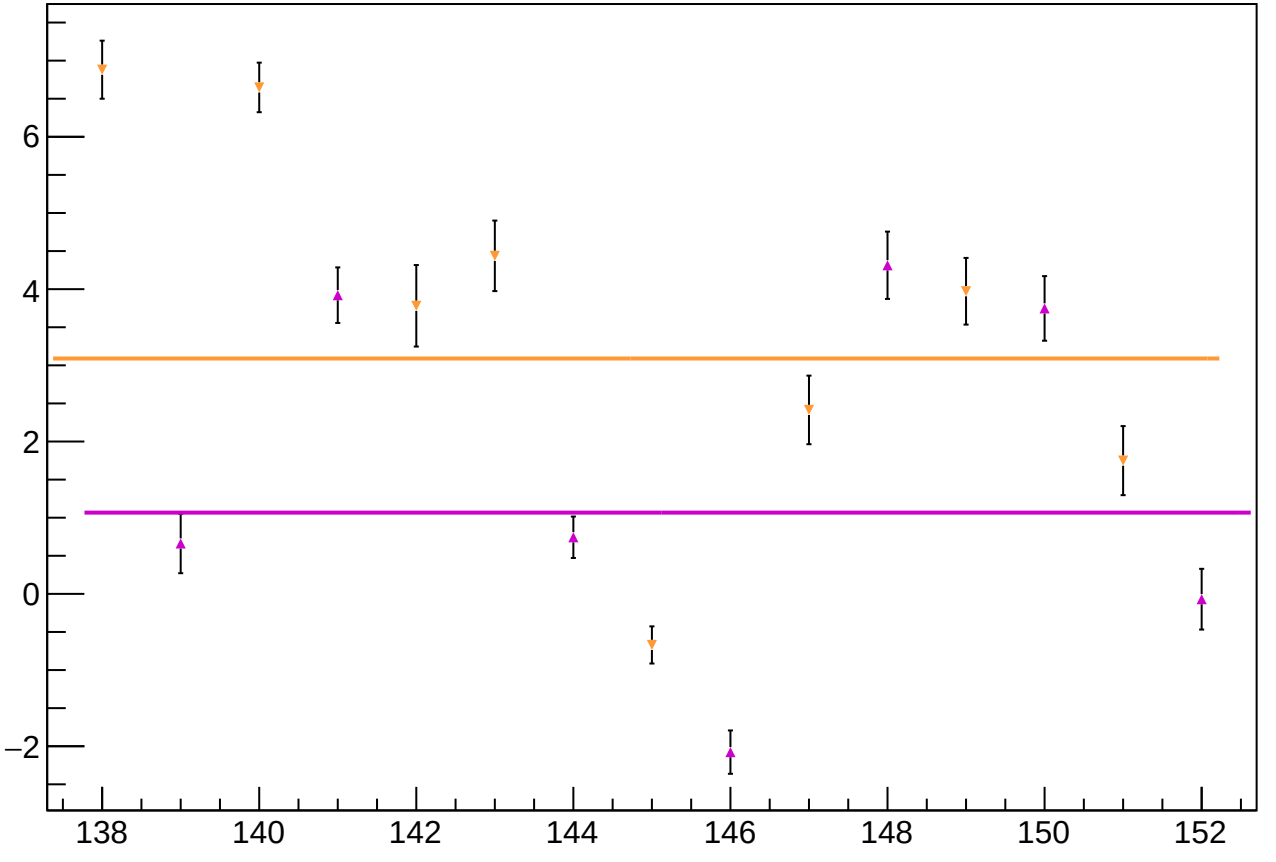
Left In: 0.113+/-0.006 χ^2/NDF:95.7/6

+ sign 0.036+/-0.005 χ^2/NDF: 591.6/24

All: 0.038+/-0.003 χ^2/NDF: 1561.6/50

- sign 0.041+/-0.005 χ^2/NDF: 969.3/25

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: 3.090+/-0.133 χ^2/NDF:481.6/7

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

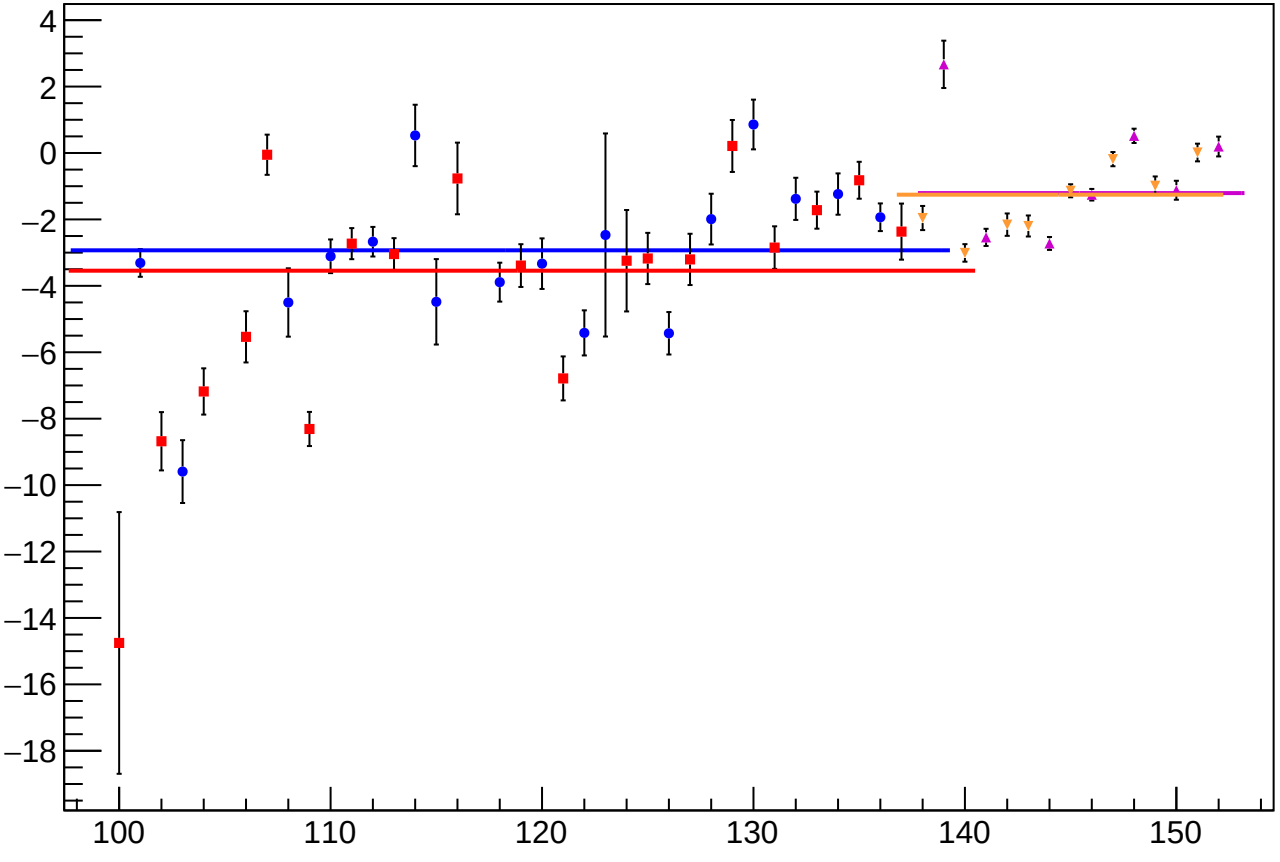
Left In: 1.067+/-0.133 χ^2/NDF:288.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.073+/-0.094 χ^2/NDF: 885.5/14

- 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: -1.255+/-0.093 χ^2/NDF:112.9/7

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

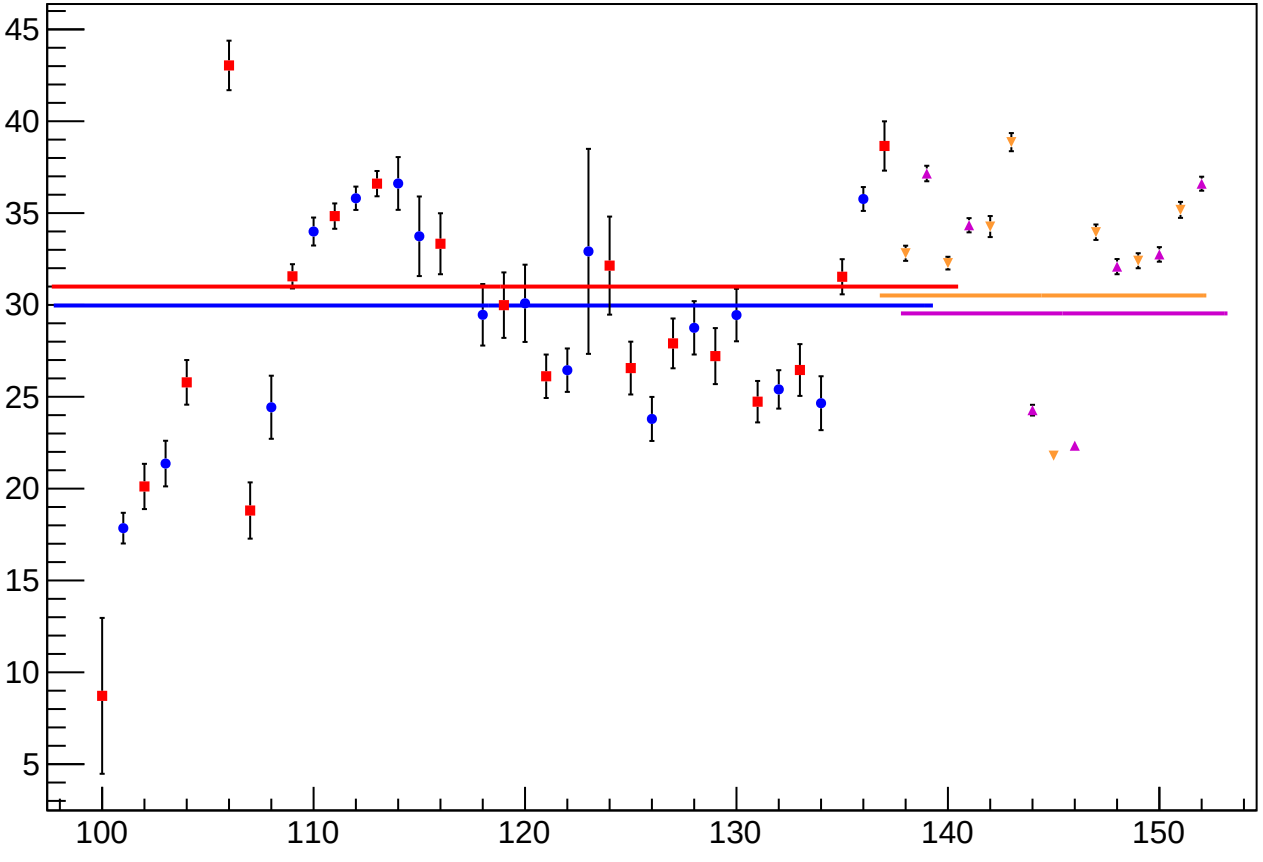
Left In: -1.208+/-0.091 χ^2/NDF:203.3/6

+ sign -1.704+/-0.080 χ^2/NDF: 346.2/24

All: -1.756+/-0.056 χ^2/NDF: 1011.8/50

- sign -1.807+/-0.078 χ^2/NDF: 664.7/25

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: 30.515+/-0.137 χ^2/NDF:1716.6/7

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

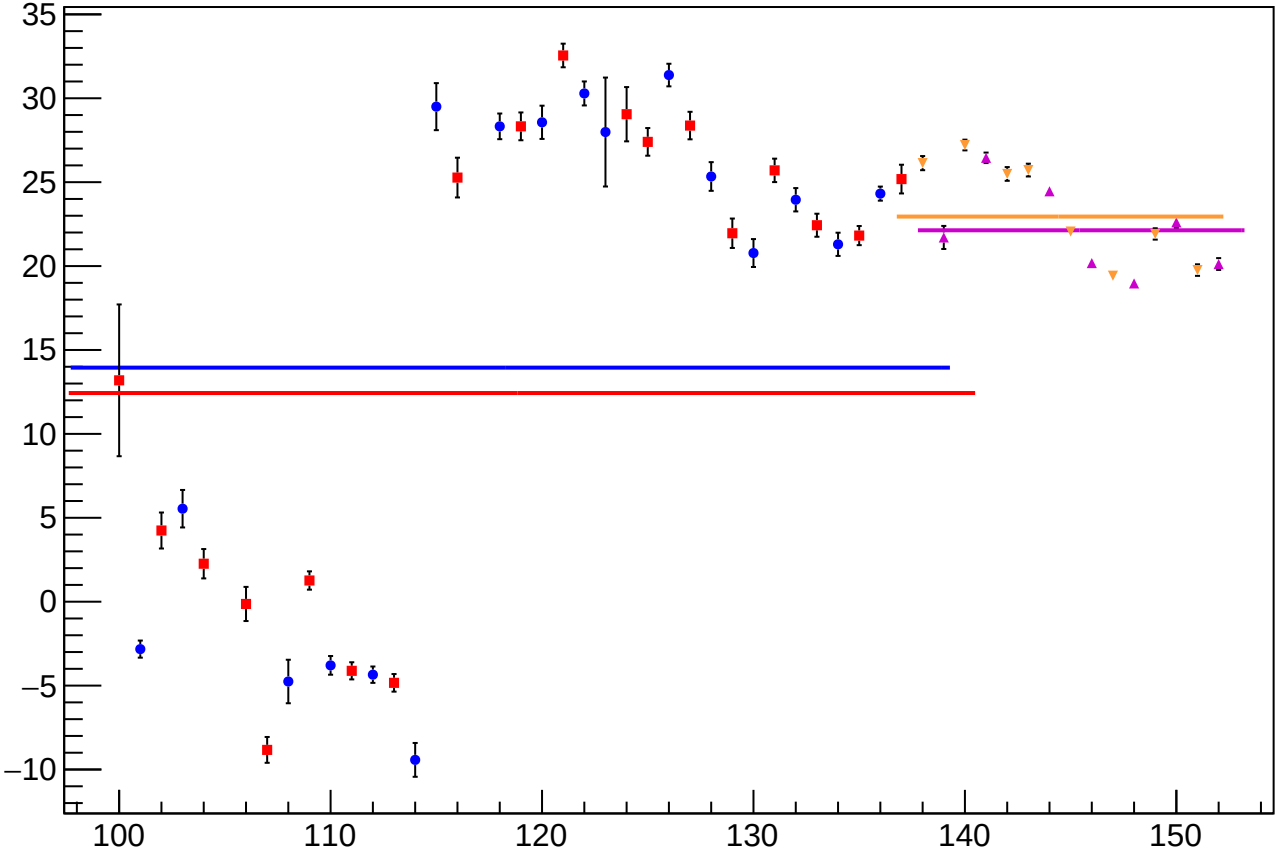
Left In: 29.538+/-0.133 χ^2/NDF:1946.7/6

+ sign 30.400+/-0.122 χ^2/NDF: 2274.2/24

All: 30.113+/-0.085 χ^2/NDF: 4736.3/50

- sign 29.841+/-0.118 χ^2/NDF: 2451.3/25

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: 22.950+/-0.114 χ^2/NDF:580.1/7

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

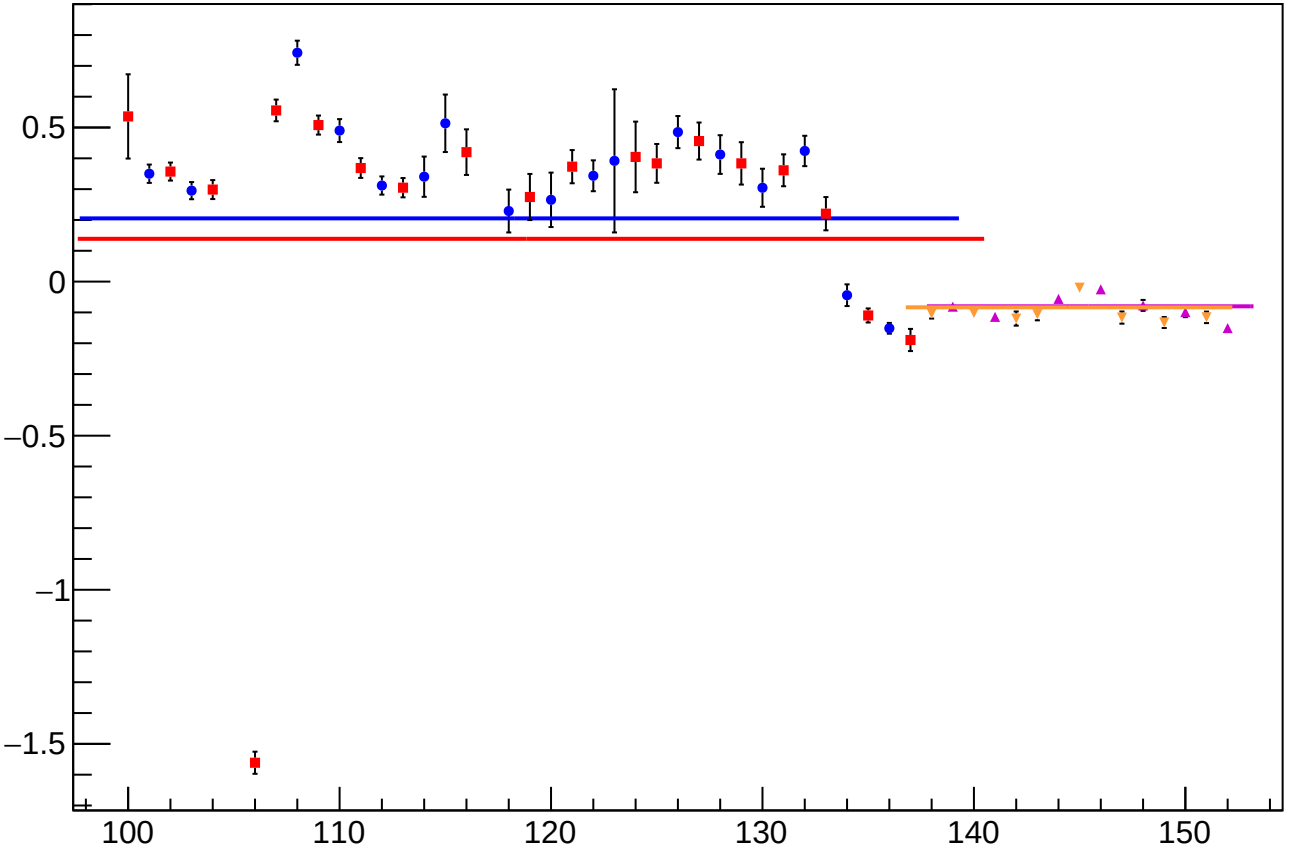
Left In: 22.133+/-0.112 χ^2/NDF:518.2/6

+ sign 20.189+/-0.095 χ^2/NDF: 9871.8/24

All: 19.735+/-0.067 χ^2/NDF: 19602.8/50

- sign 19.294+/-0.094 χ^2/NDF: 9686.2/25

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: -0.083+/-0.006 χ^2/NDF:59.4/7

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

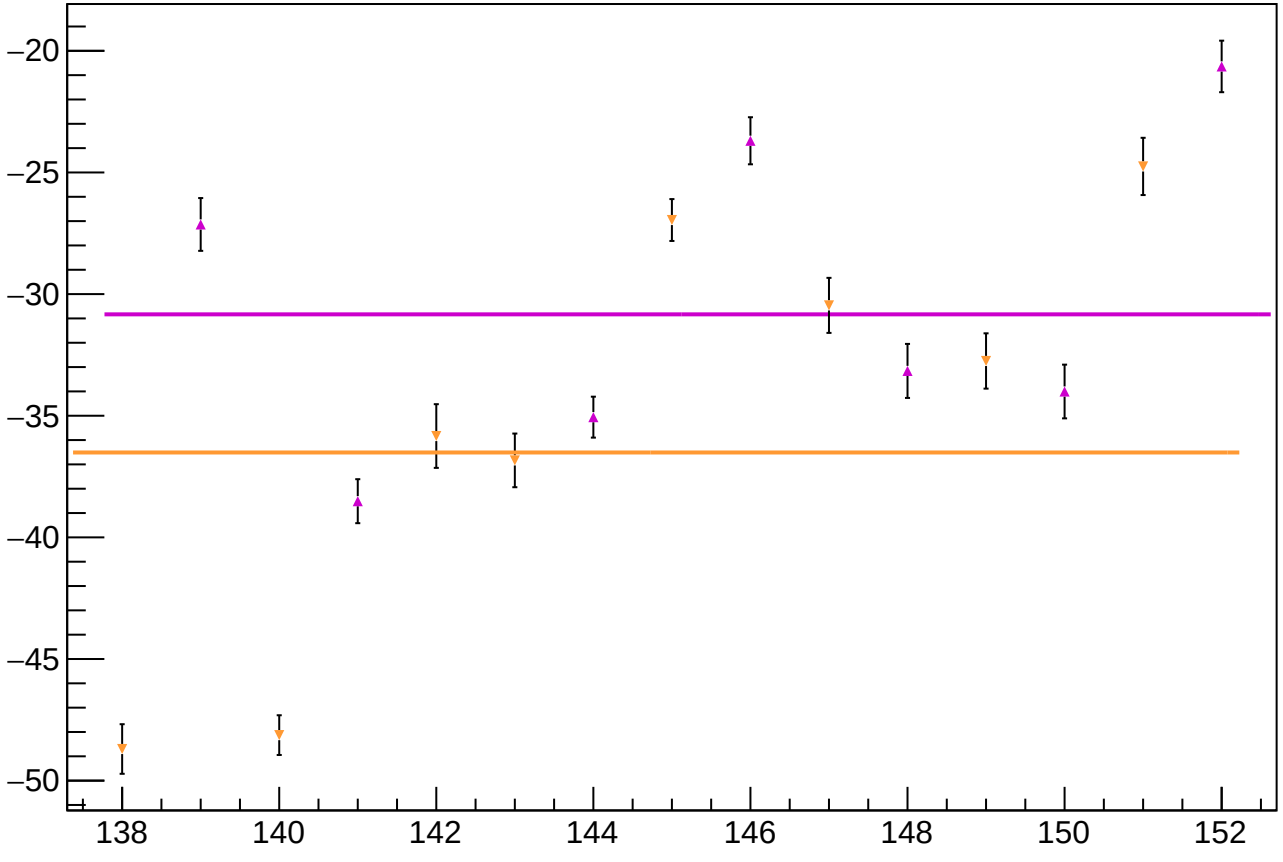
Left In: -0.080+/-0.006 χ^2/NDF:49.4/6

+ sign -0.005+/-0.005 χ^2/NDF: 1599.0/24

All: -0.013+/-0.003 χ^2/NDF: 5085.0/50

- sign -0.021+/-0.005 χ^2/NDF: 3480.6/25

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: -36.510+/-0.365 χ^2/NDF:608.5/7

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

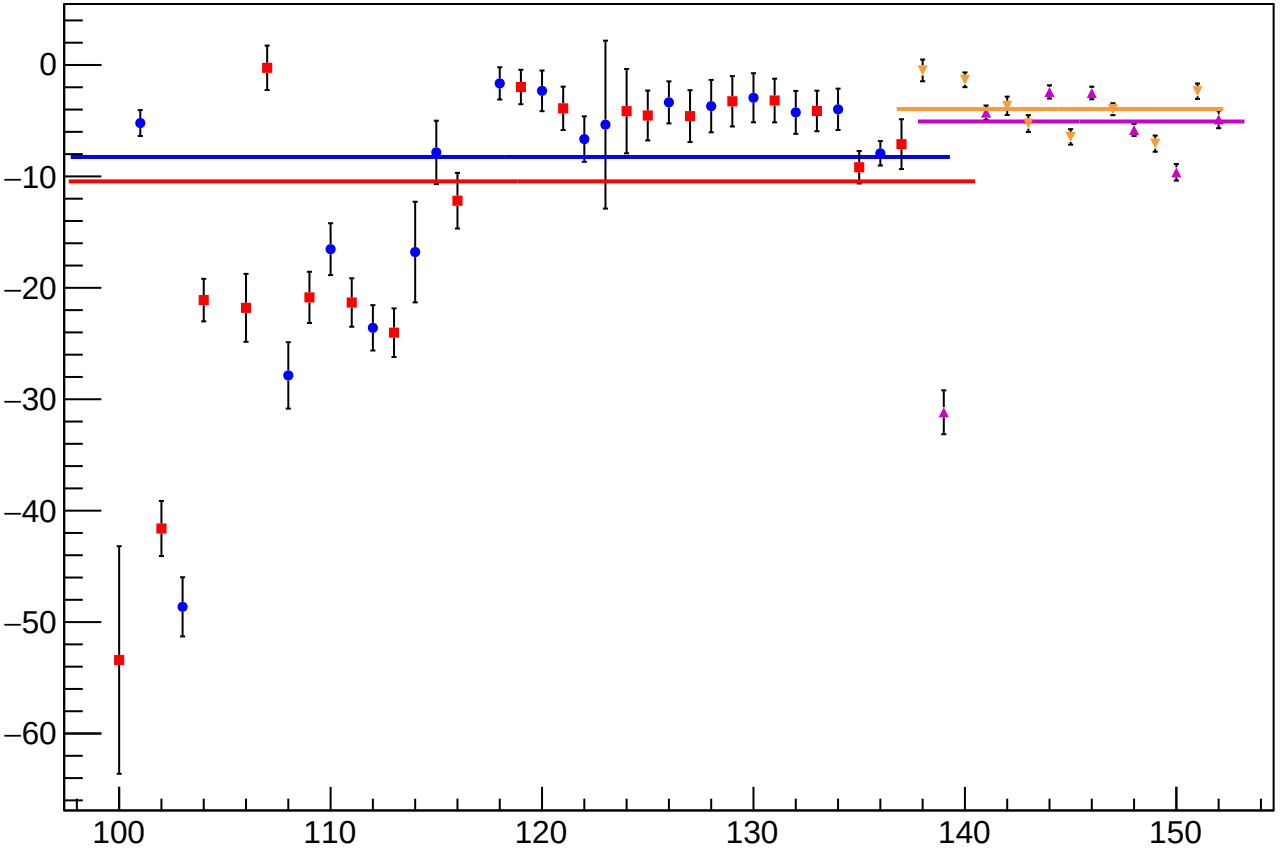
Left In: -30.832+/-0.376 χ^2/NDF:268.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -33.753+/-0.262 χ^2/NDF: 994.5/14

- 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: -3.953+/-0.249 χ^2/NDF:68.0/7

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

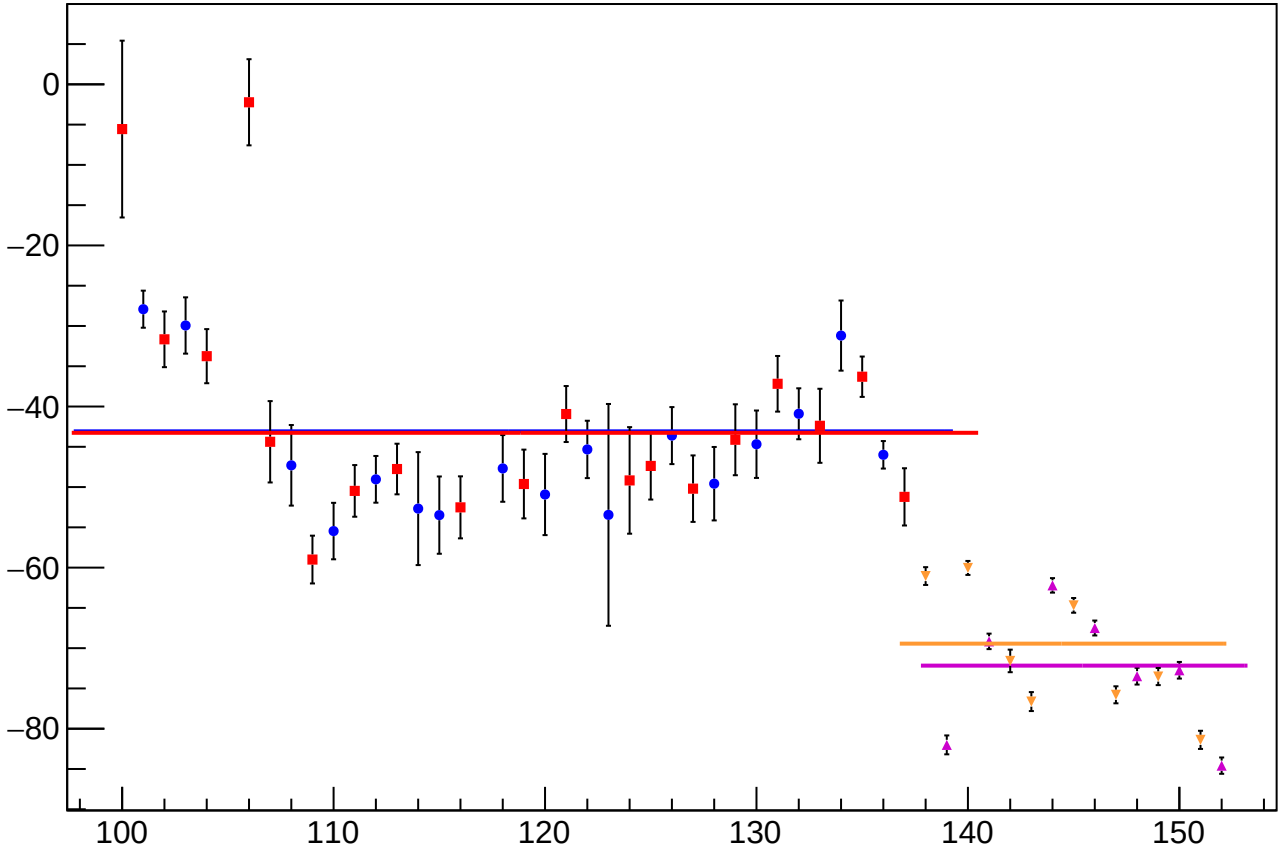
Left In: -5.071+/-0.255 χ^2/NDF:256.5/6

+ sign -4.923+/-0.219 χ^2/NDF: 547.3/24

All: -5.547+/-0.157 χ^2/NDF: 1343.3/50

- sign -6.210+/-0.226 χ^2/NDF: 779.3/25

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: -69.438+/-0.374 χ^2/NDF:404.5/7

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

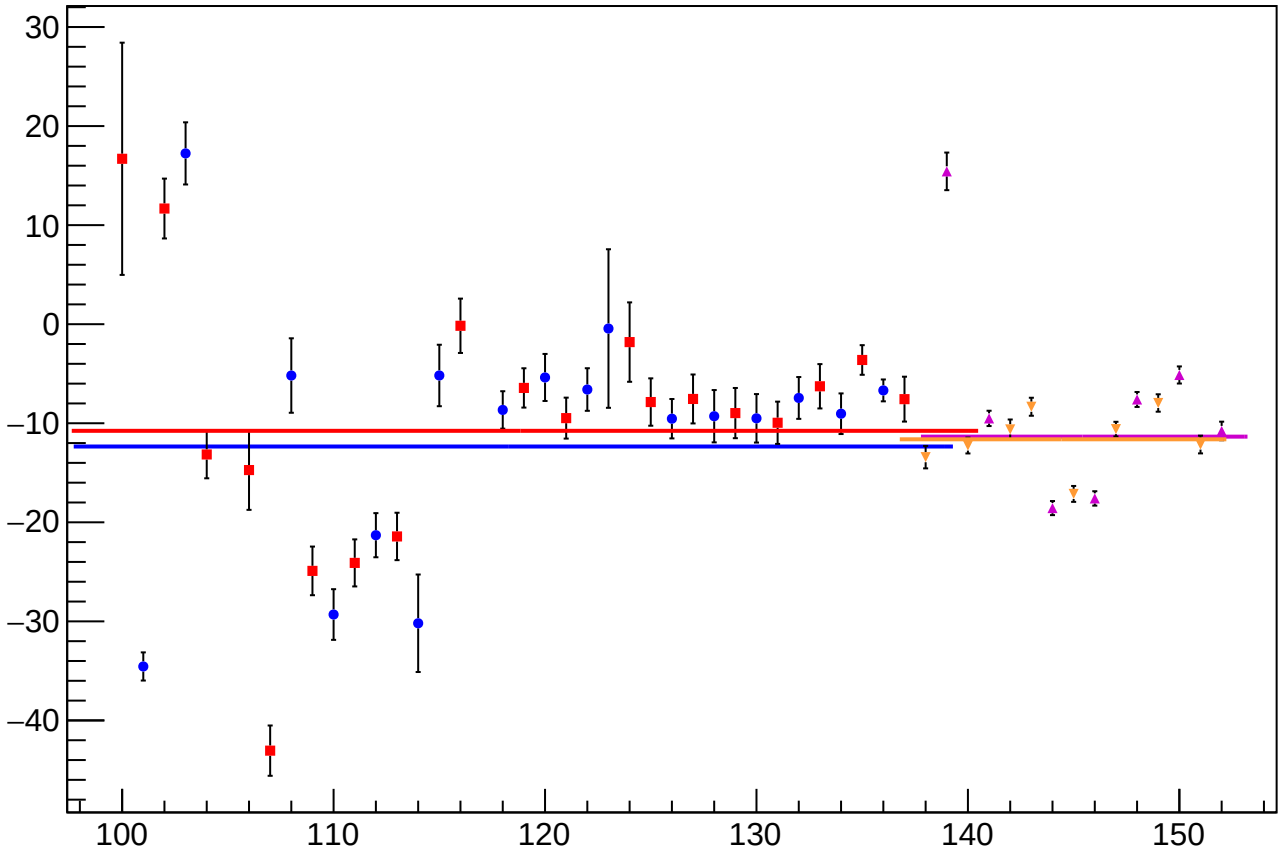
Left In: -72.168+/-0.377 χ^2/NDF:380.0/6

+ sign -65.022+/-0.341 χ^2/NDF: 1334.5/24

All: -66.280+/-0.243 χ^2/NDF: 2832.1/50

- sign -67.570+/-0.346 χ^2/NDF: 1470.1/25

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: -11.621+/-0.309 χ^2/NDF:84.1/7

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

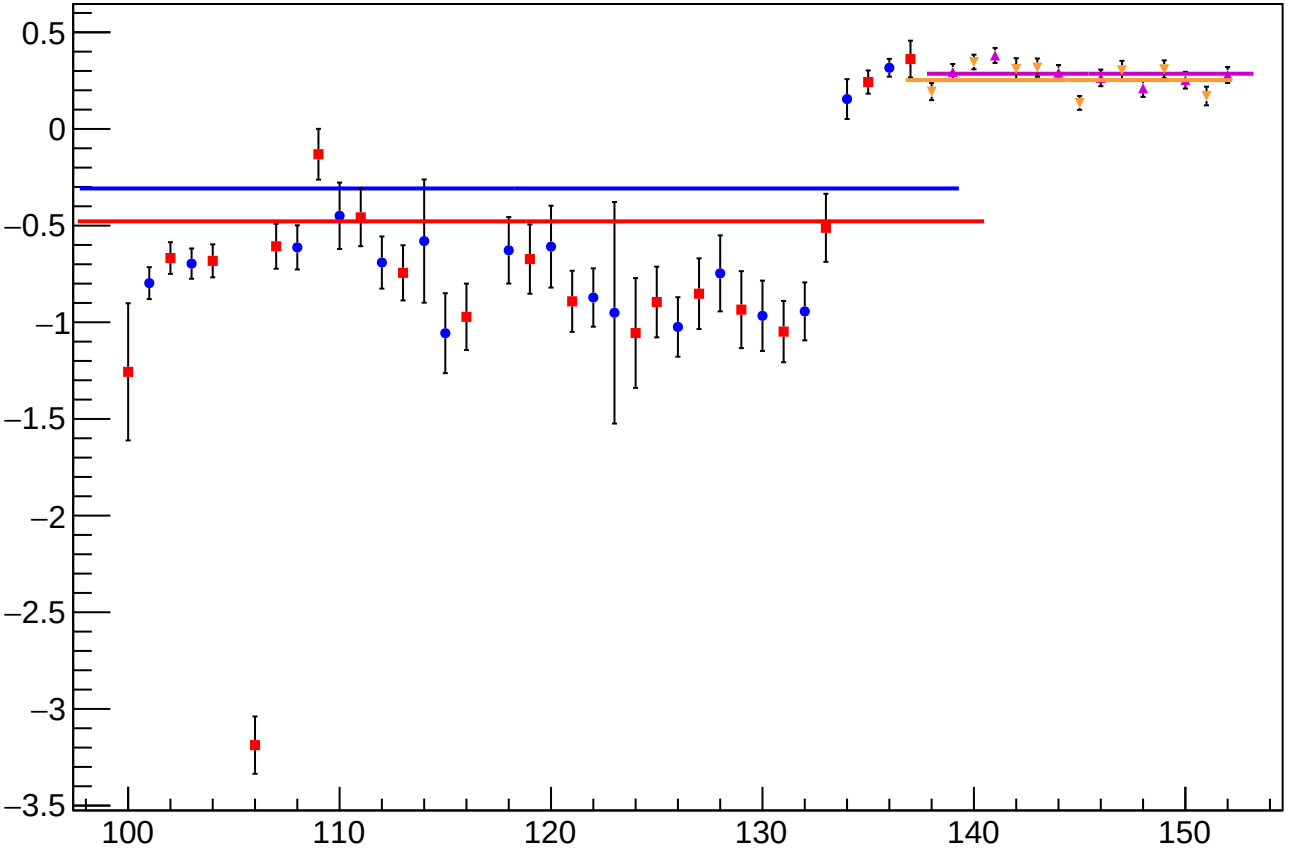
Left In: -11.352+/-0.315 χ^2/NDF:458.4/6

+ sign -11.811+/-0.266 χ^2/NDF: 561.4/24

All: -11.519+/-0.191 χ^2/NDF: 1389.9/50

- sign -11.208+/-0.274 χ^2/NDF: 825.9/25

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: 0.253+/-0.016 χ^2/NDF:27.1/7

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

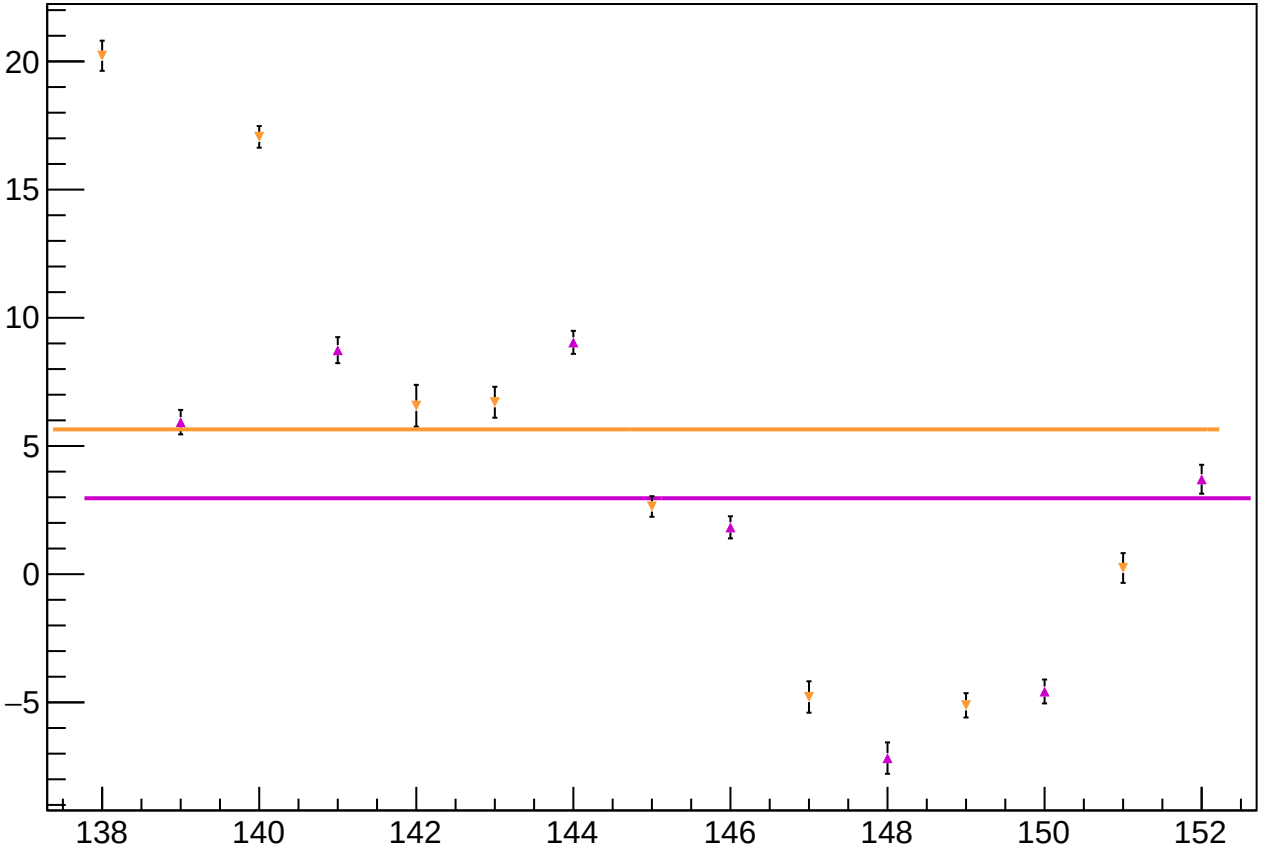
Left In: 0.286+/-0.016 χ^2/NDF:9.7/6

+ sign 0.115+/-0.014 χ^2/NDF: 712.7/24

All: 0.112+/-0.010 χ^2/NDF: 1903.4/50

- sign 0.108+/-0.014 χ^2/NDF: 1190.6/25

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: 5.648+/-0.186 χ^2/NDF:2299.5/7

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

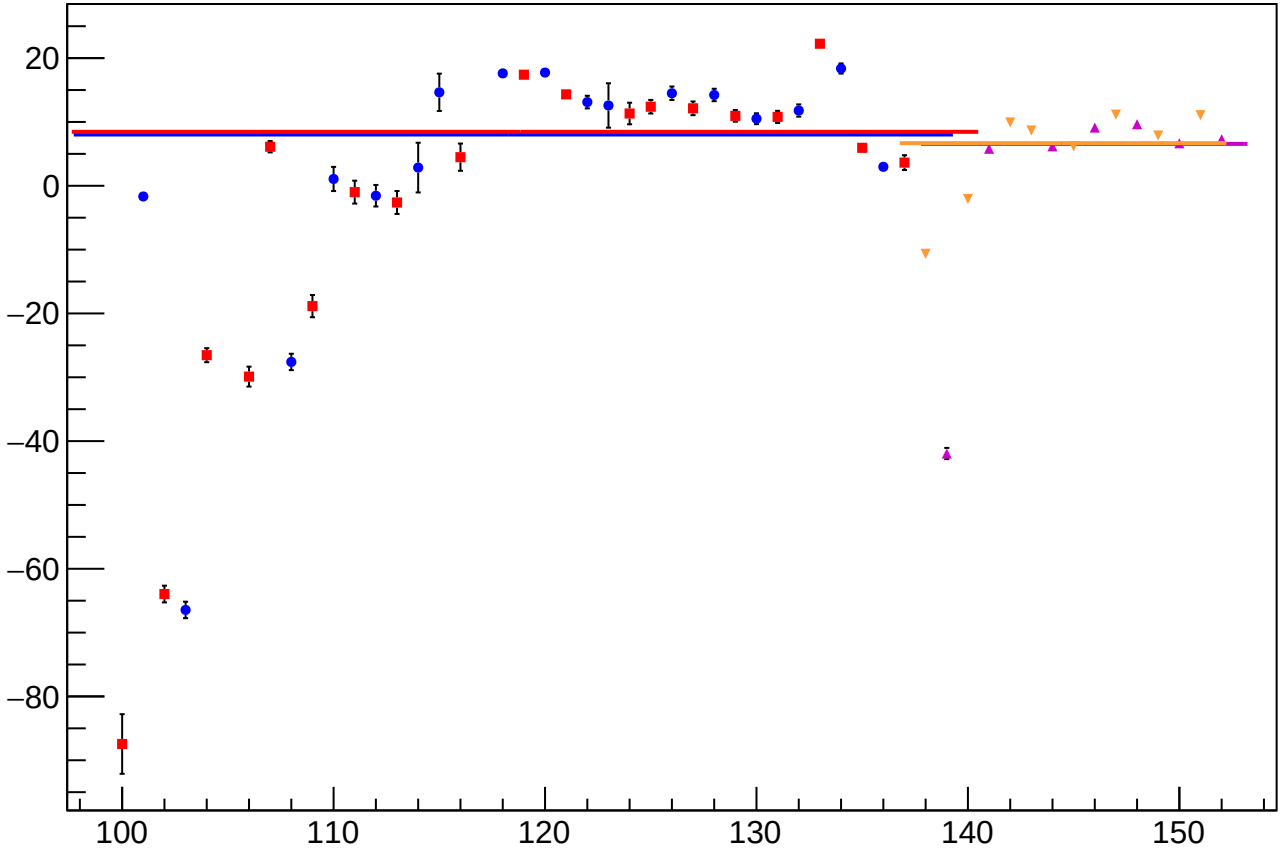
Left In: 2.962+/-0.186 χ^2/NDF:895.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.305+/-0.131 χ^2/NDF: 3300.0/14

- 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: 6.680+/-0.129 χ^2/NDF:1943.1/7

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

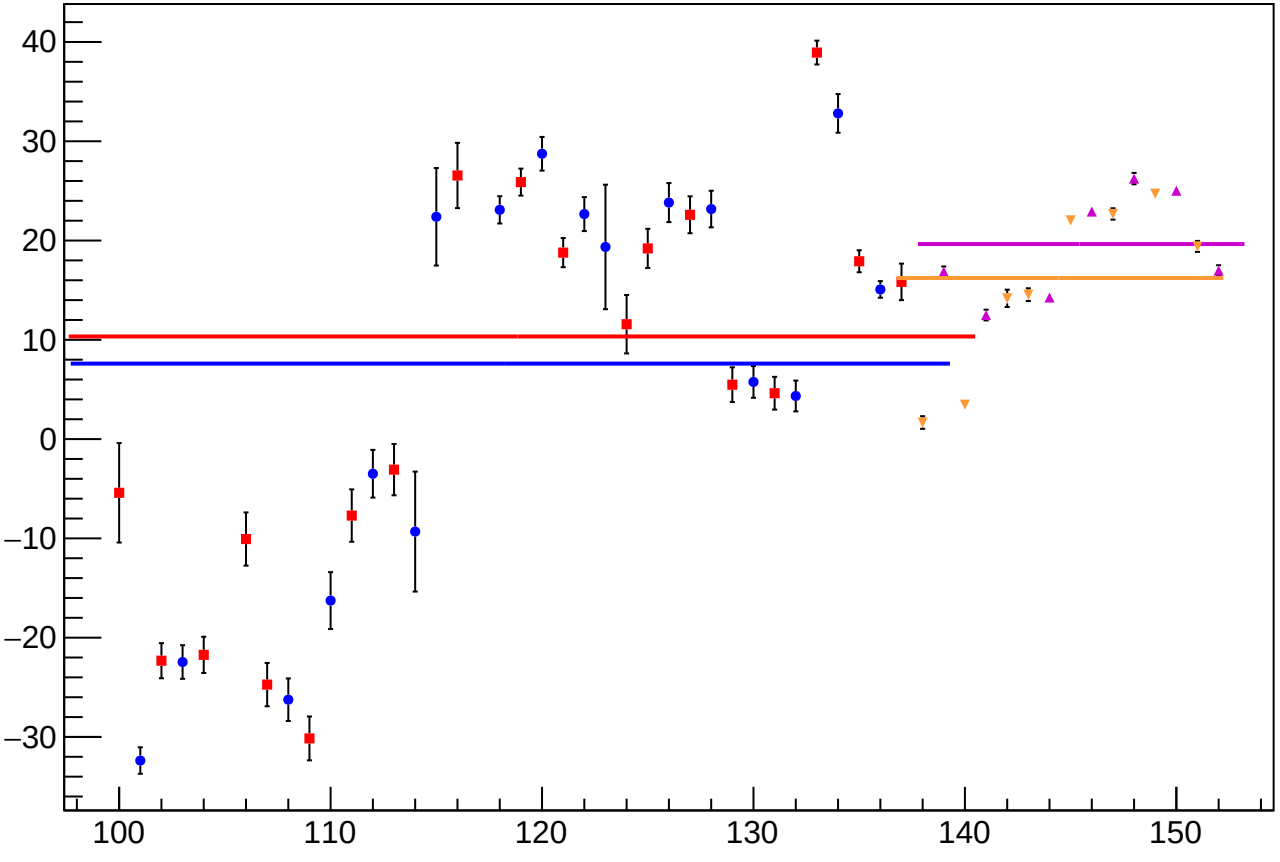
Left In: 6.562+/-0.131 χ^2/NDF:3239.4/6

+ sign 7.037+/-0.110 χ^2/NDF: 7341.8/24

All: 7.059+/-0.079 χ^2/NDF: 17342.7/50

- sign 7.081+/-0.112 χ^2/NDF: 10000.9/25

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: 16.225+/-0.189 χ^2/NDF:2053.9/7

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

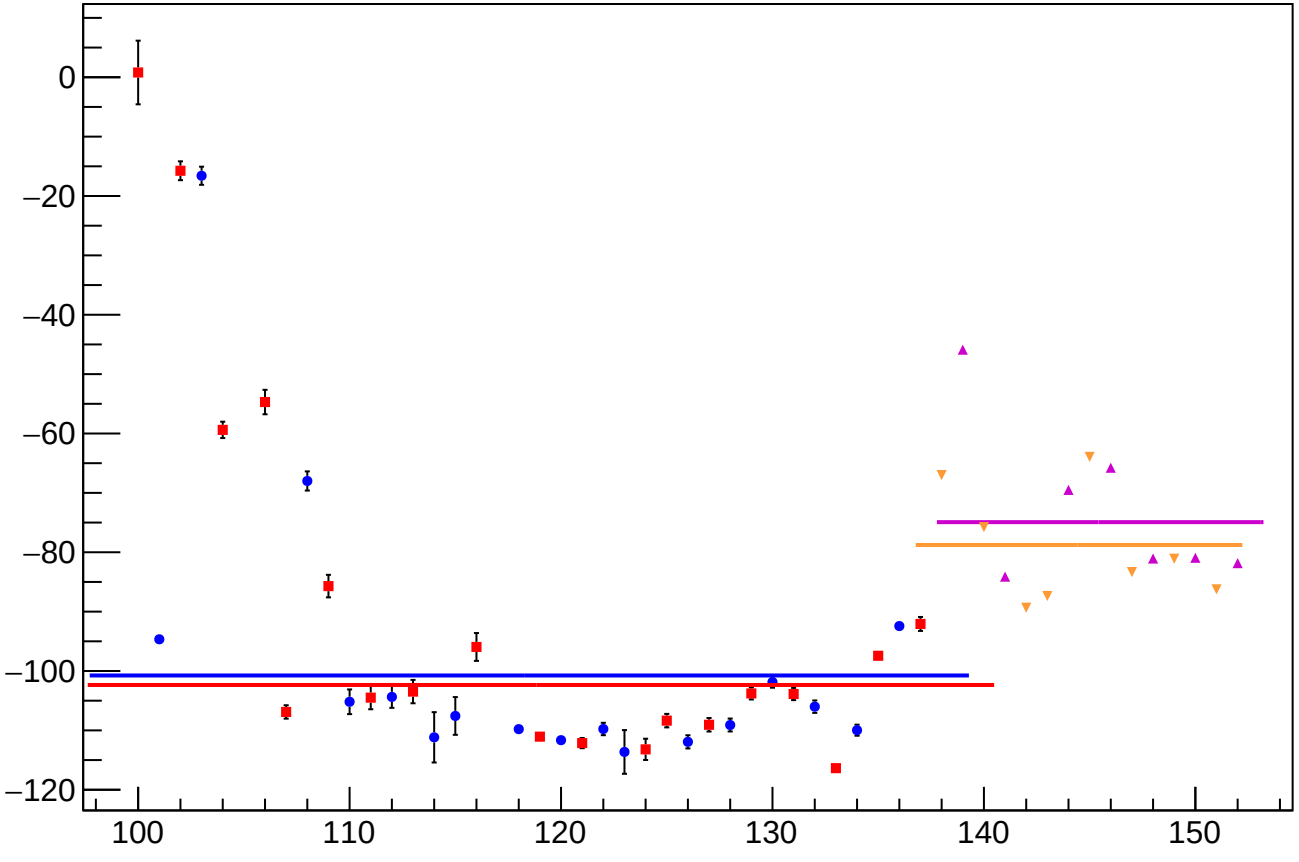
Left In: 19.647+/-0.185 χ^2/NDF:700.6/6

+ sign 14.753+/-0.172 χ^2/NDF: 4735.4/24

All: 16.453+/-0.121 χ^2/NDF: 8328.0/50

- sign 18.106+/-0.169 χ^2/NDF: 3399.5/25

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: -78.776+/-0.158 χ^2/NDF:2921.5/7

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

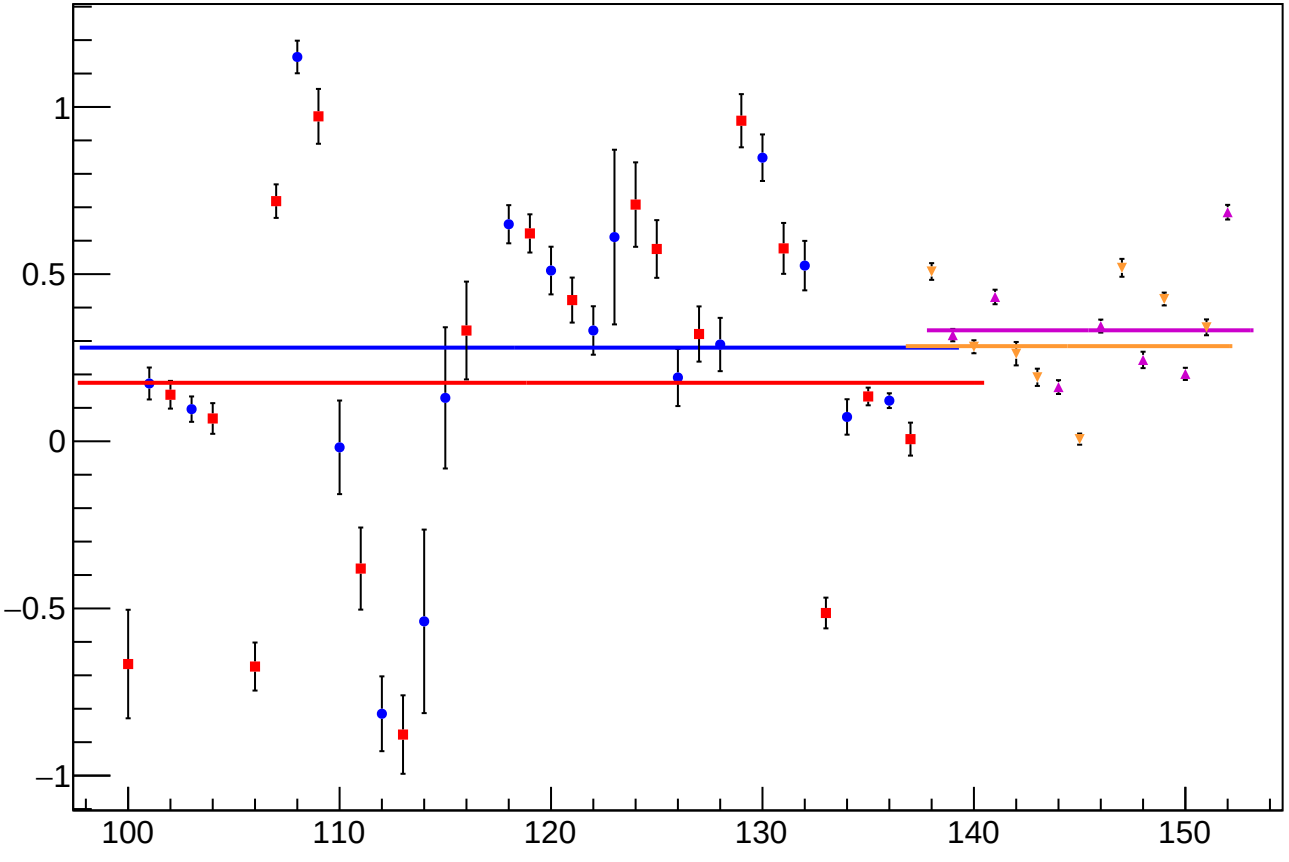
Left In: -74.929+/-0.160 χ^2/NDF:3205.3/6

+ sign -85.121+/-0.133 χ^2/NDF: 13029.1/24

All: -84.093+/-0.094 χ^2/NDF: 31163.9/50

- sign -83.053+/-0.134 χ^2/NDF: 18015.0/25

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: 0.285+/-0.008 χ^2/NDF:507.7/7

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

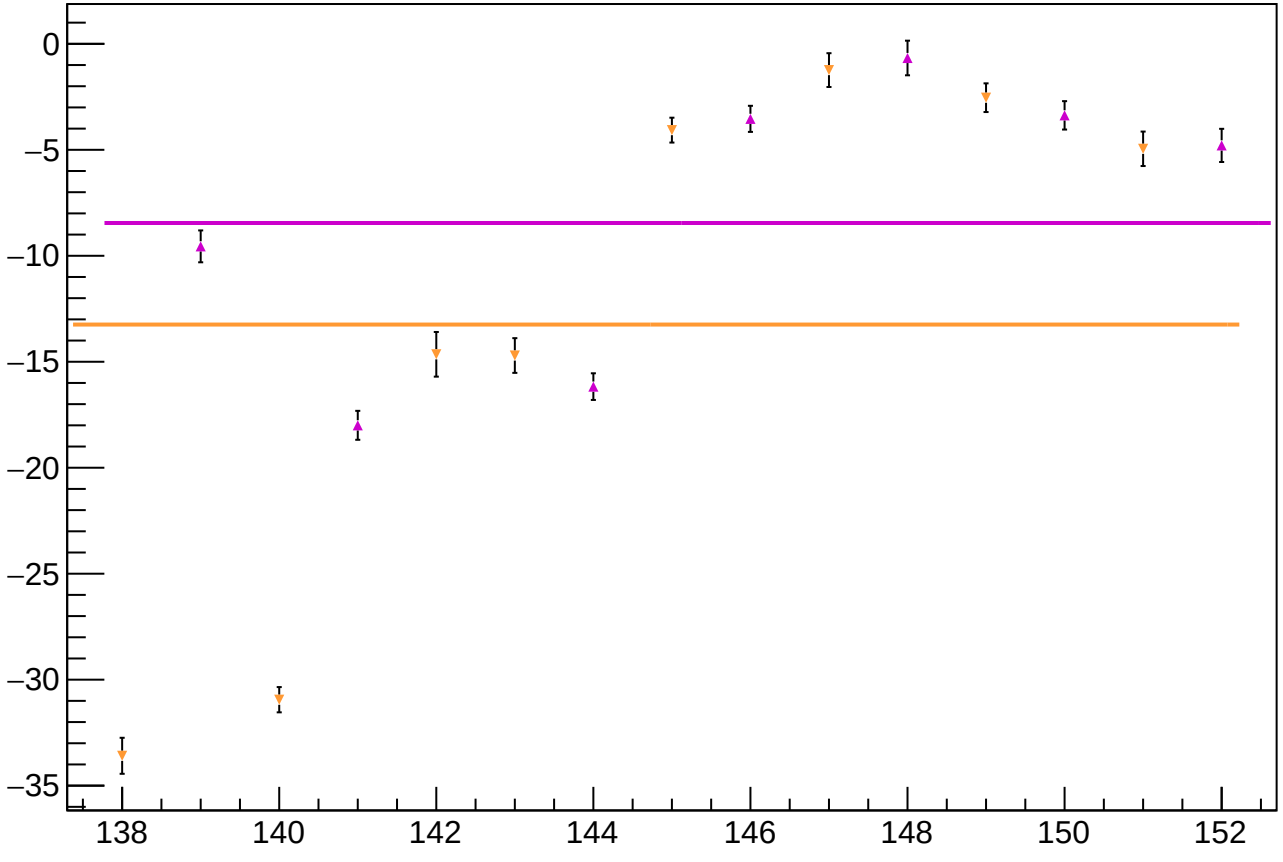
Left In: 0.332+/-0.008 χ^2/NDF:412.5/6

+ sign 0.283+/-0.007 χ^2/NDF: 1163.8/24

All: 0.288+/-0.005 χ^2/NDF: 2646.5/50

- sign 0.293+/-0.007 χ^2/NDF: 1481.7/25

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.245+/-0.260 χ^2/NDF:2286.3/7

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

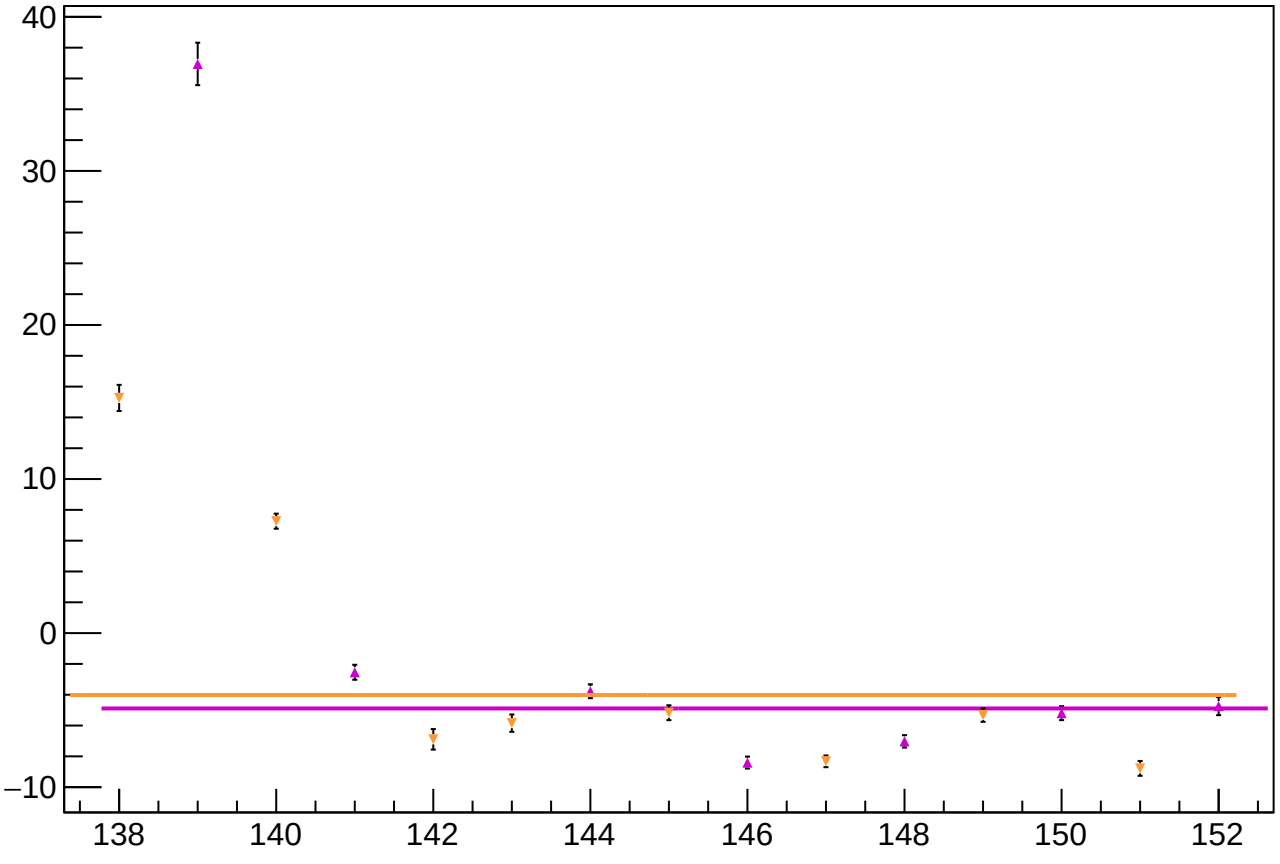
Left In: -8.453+/-0.263 χ^2/NDF:582.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.876+/-0.185 χ^2/NDF: 3036.1/14

- 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: -4.018+/-0.178 χ^2/NDF:1319.9/7

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

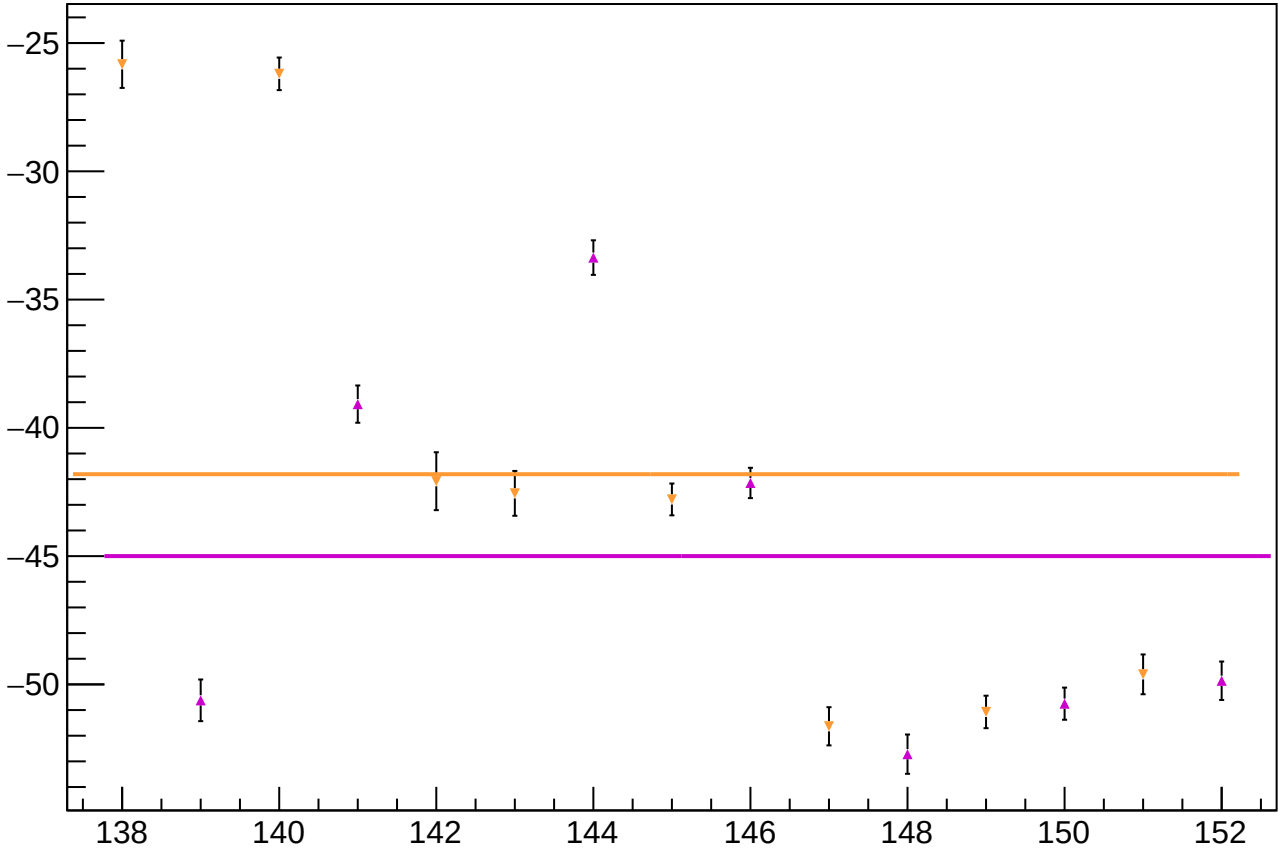
Left In: -4.892+/-0.182 χ^2/NDF:1059.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.444+/-0.127 χ^2/NDF: 2391.7/14

- 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: -41.807+/-0.264 χ^2/NDF:1398.2/7

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

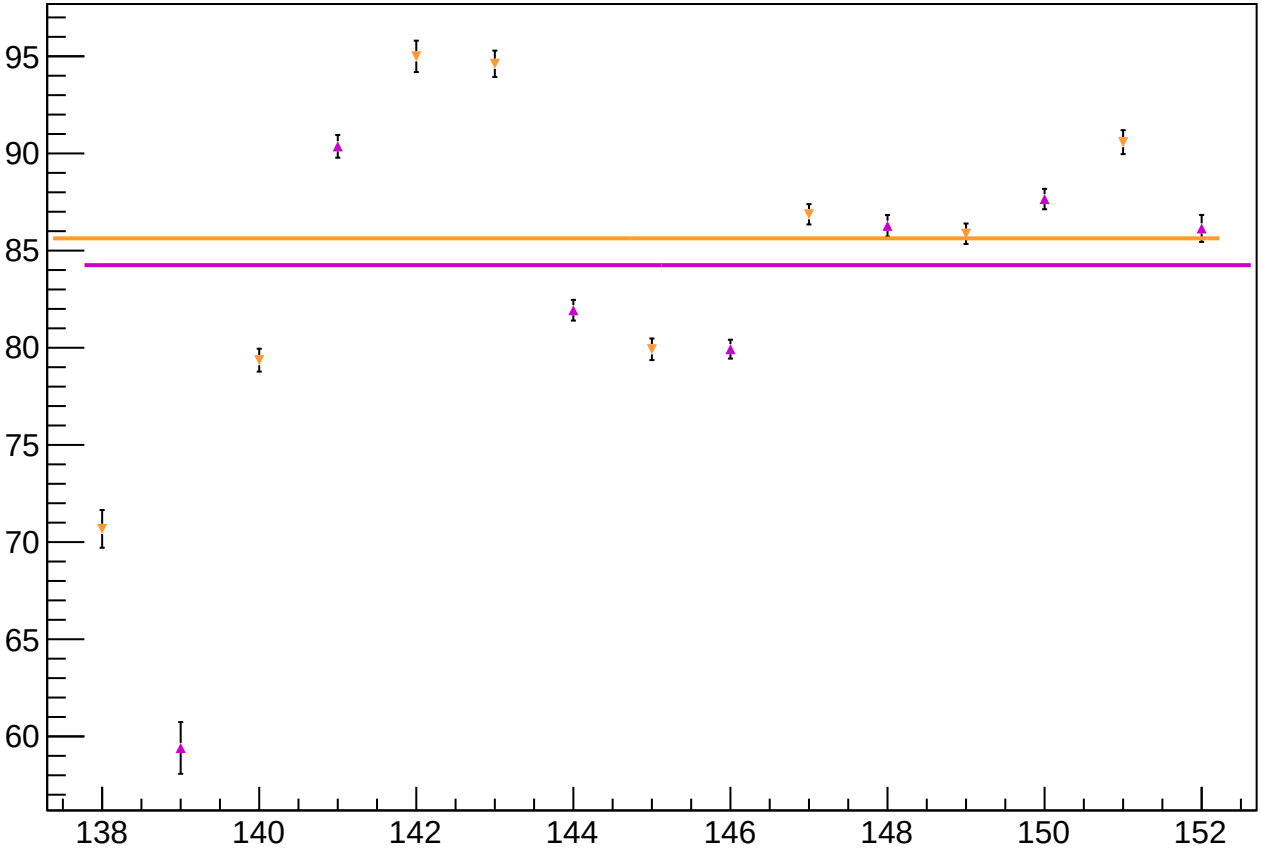
Left In: -44.999+/-0.263 χ^2/NDF:663.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -43.413+/-0.186 χ^2/NDF: 2135.4/14

- 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: 85.631+/-0.219 χ^2/NDF:836.9/7

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

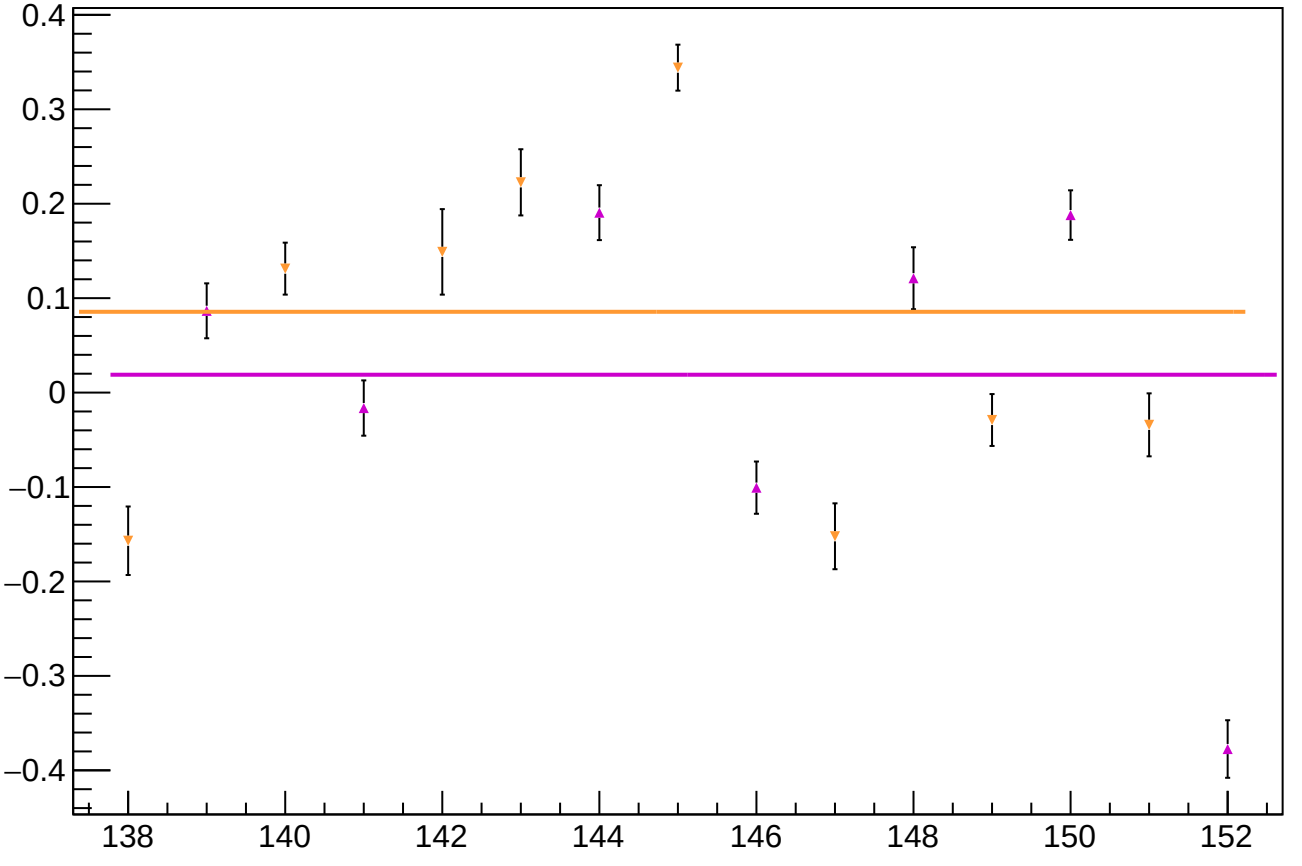
Left In: 84.251+/-0.223 χ^2/NDF:619.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 84.952+/-0.156 χ^2/NDF: 1475.5/14

- 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: 0.086+/-0.011 χ^2/NDF:254.2/7

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

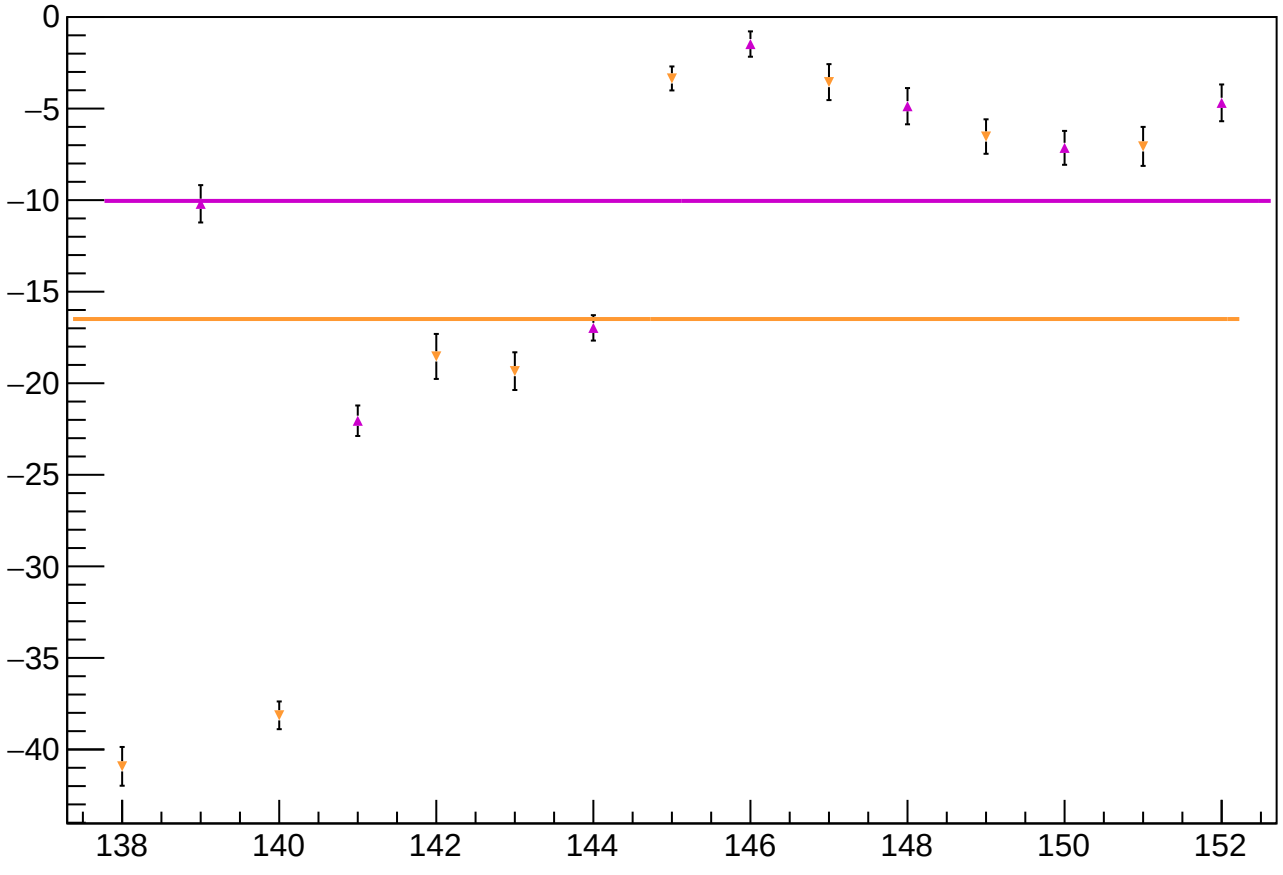
Left In: 0.019+/-0.011 χ^2/NDF:280.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.052+/-0.008 χ^2/NDF: 553.3/14

- 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: -16.493+/-0.322 χ^2/NDF:2127.1/7

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

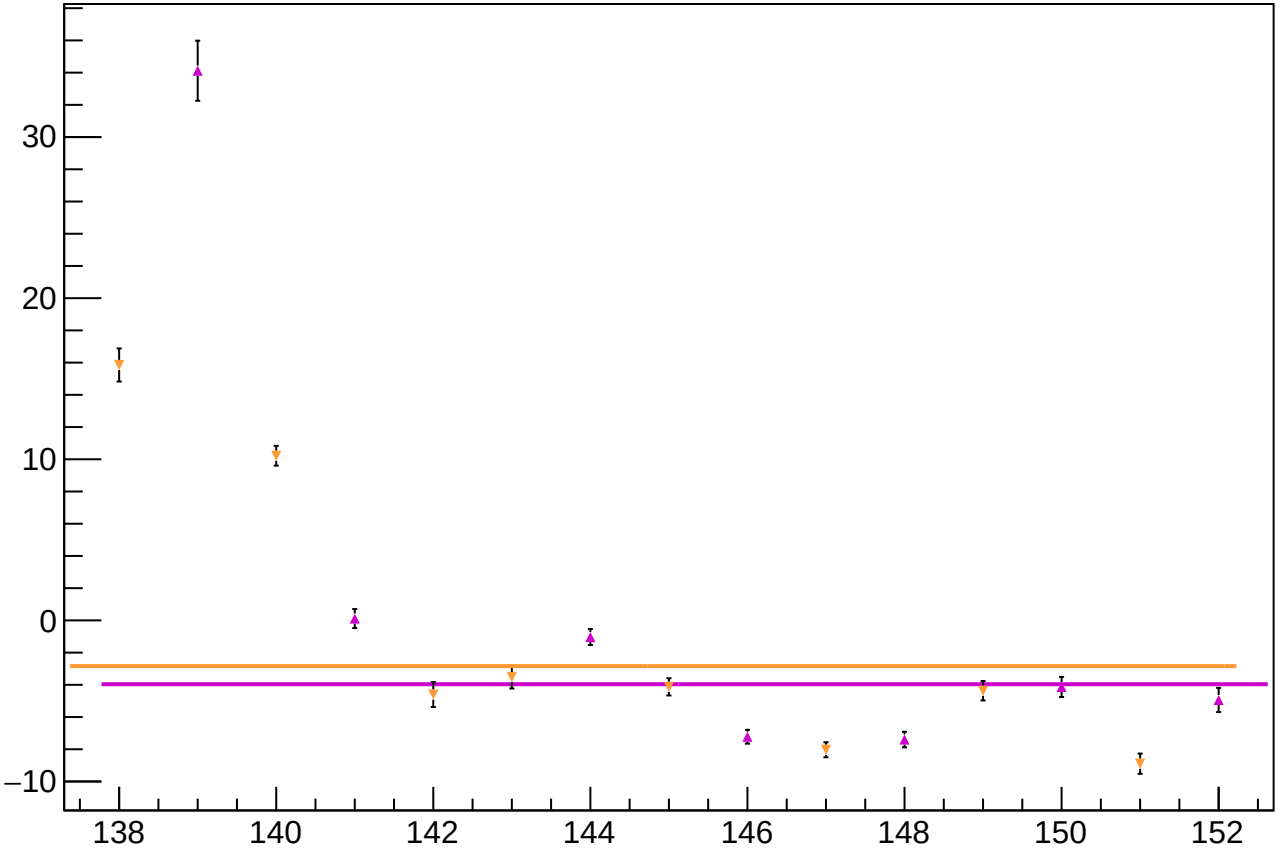
Left In: -10.042+/-0.320 χ^2/NDF:526.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.247+/-0.227 χ^2/NDF: 2854.9/14

- 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: -2.838+/-0.220 χ^2/NDF:1018.3/7

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

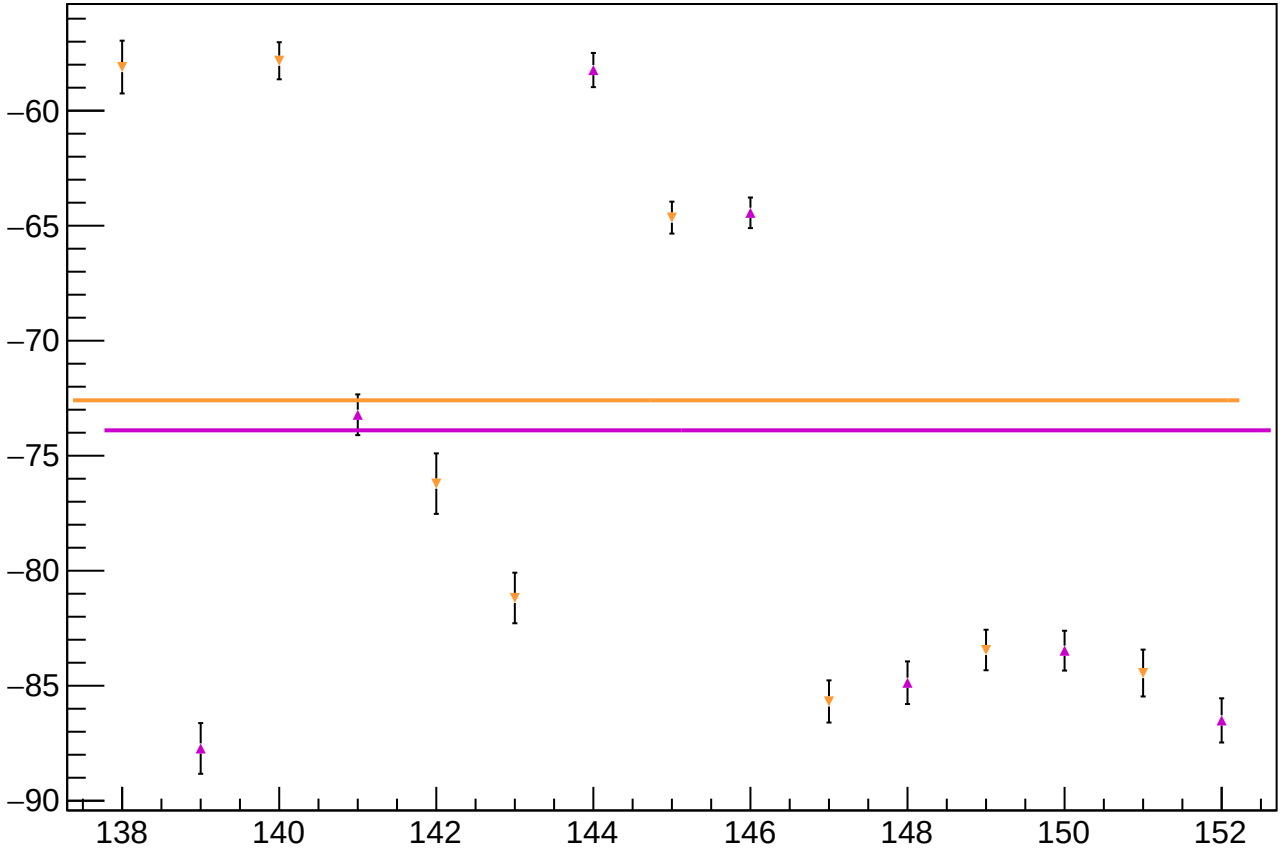
Left In: -3.963+/-0.217 χ^2/NDF:609.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.409+/-0.154 χ^2/NDF: 1641.2/14

- 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: -72.591+/-0.329 χ^2/NDF:1186.0/7

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

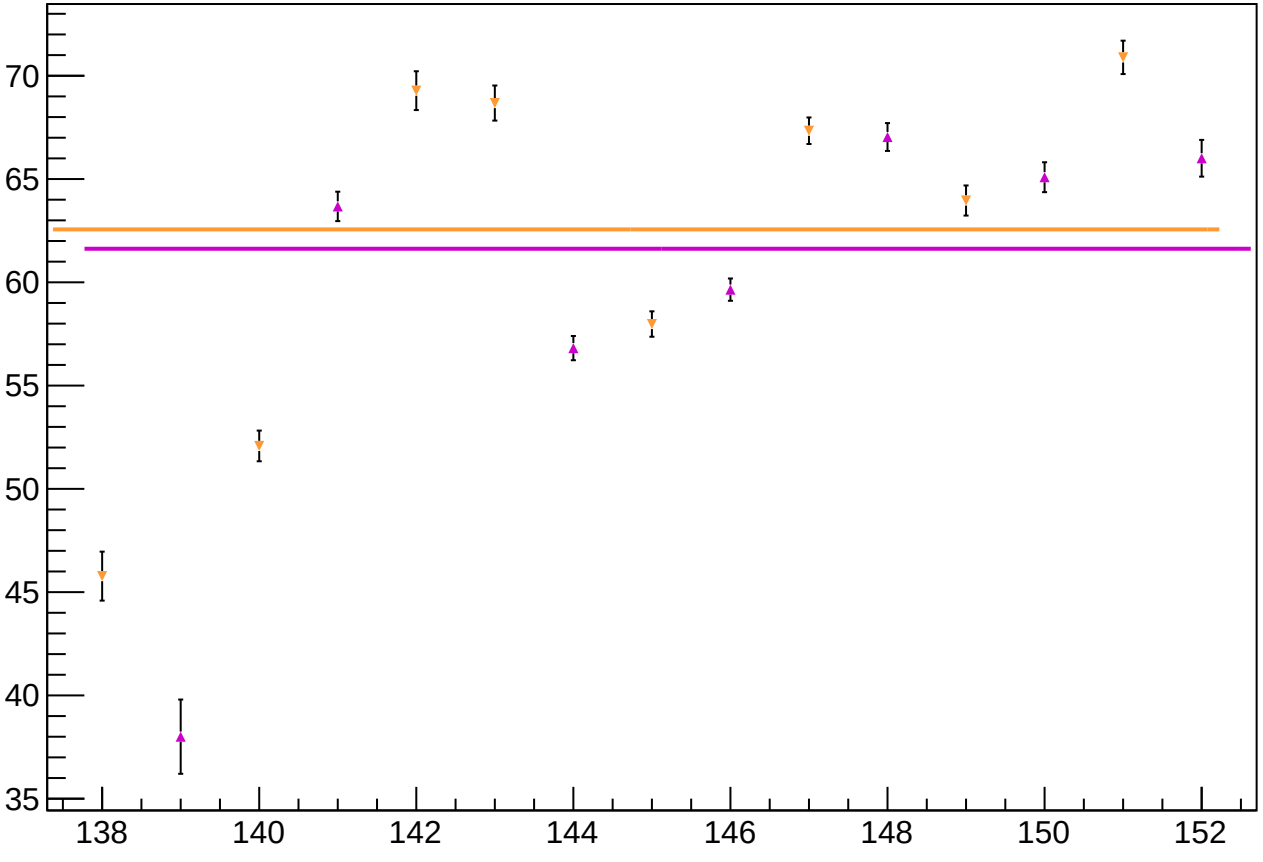
Left In: -73.896+/-0.320 χ^2/NDF:1238.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -73.261+/-0.230 χ^2/NDF: 2432.9/14

- 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: 62.562+/-0.272 χ^2/NDF:723.2/7

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

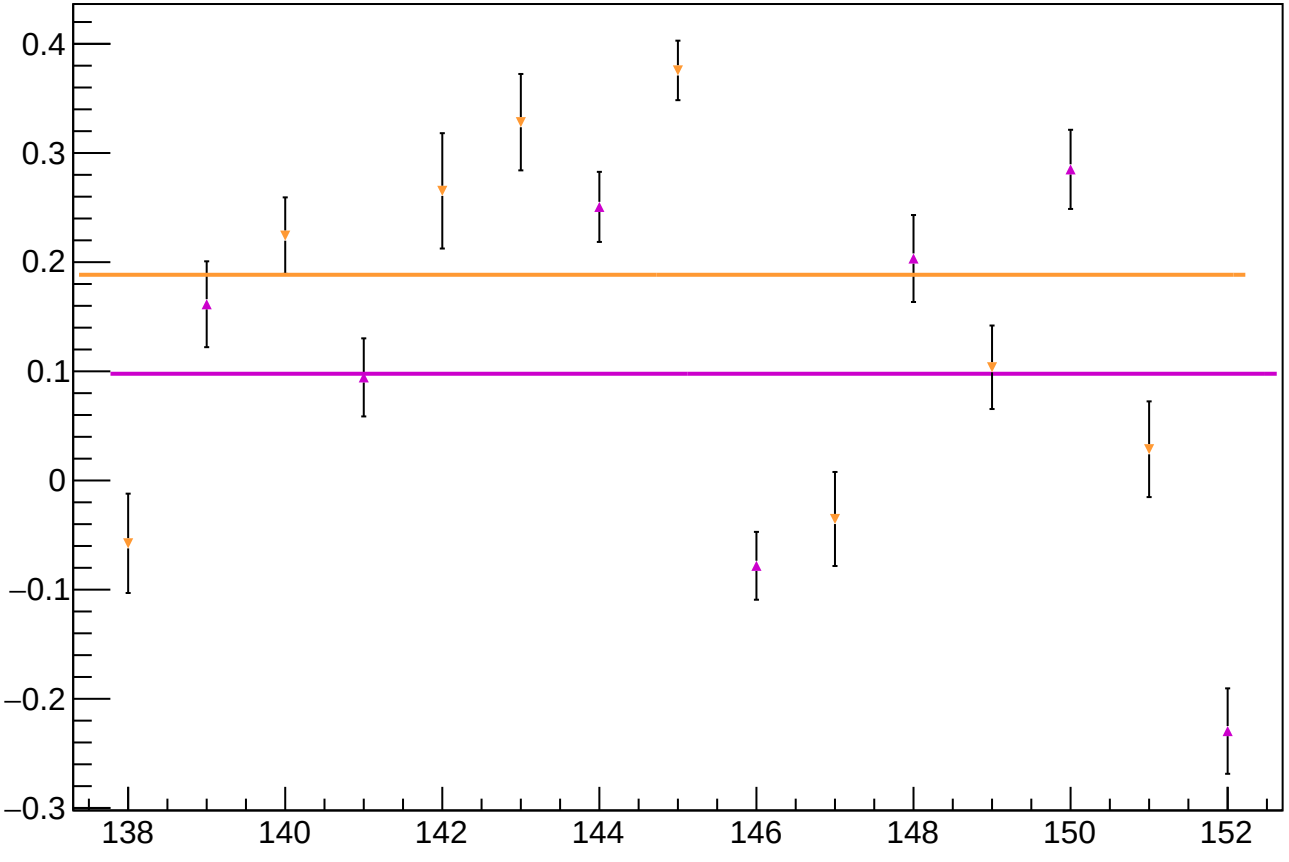
Left In: 61.625+/-0.267 χ^2/NDF:373.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 62.085+/-0.191 χ^2/NDF: 1102.5/14

- 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: 0.188+/-0.014 χ^2/NDF:134.8/7

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

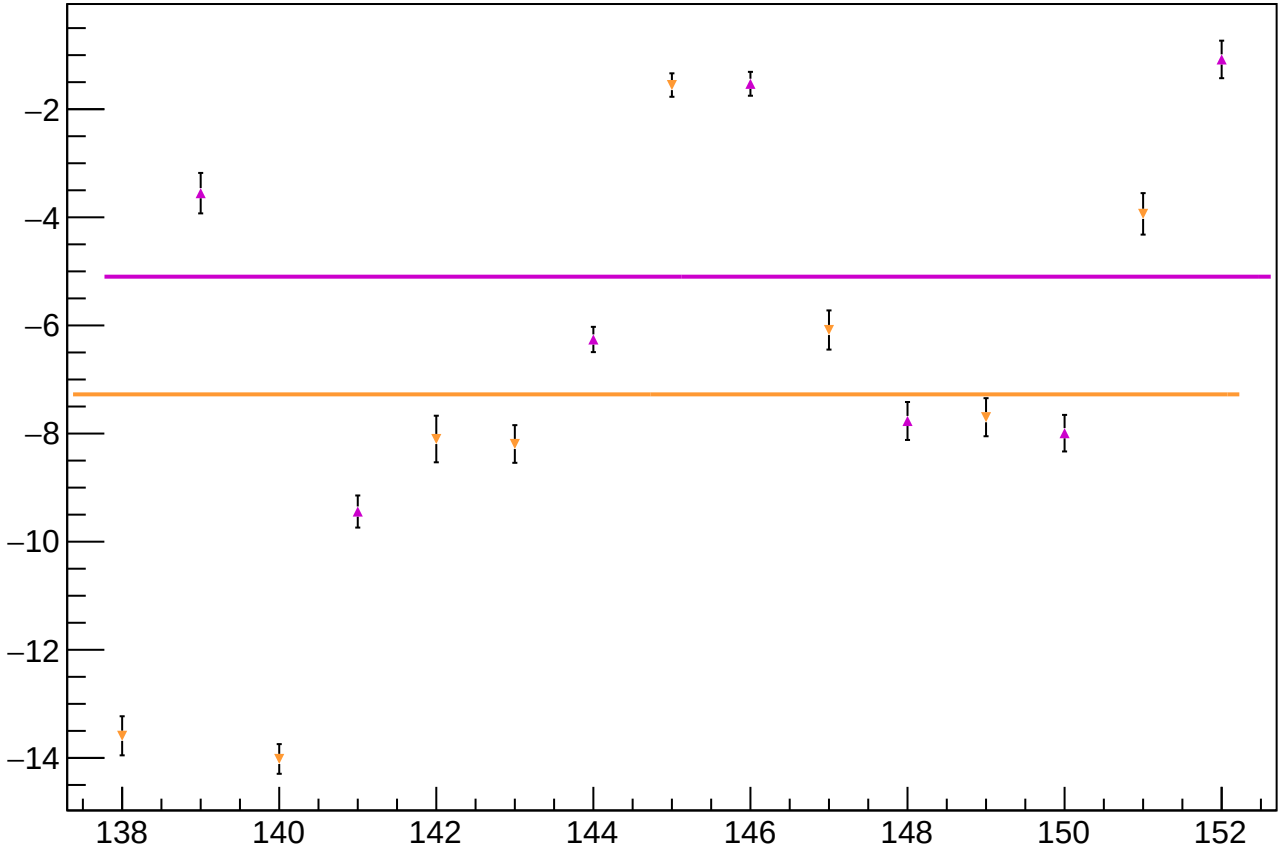
Left In: 0.098+/-0.014 χ^2/NDF:161.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.142+/-0.010 χ^2/NDF: 317.8/14

- 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: -7.275+/-0.113 χ^2/NDF:1701.9/7

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

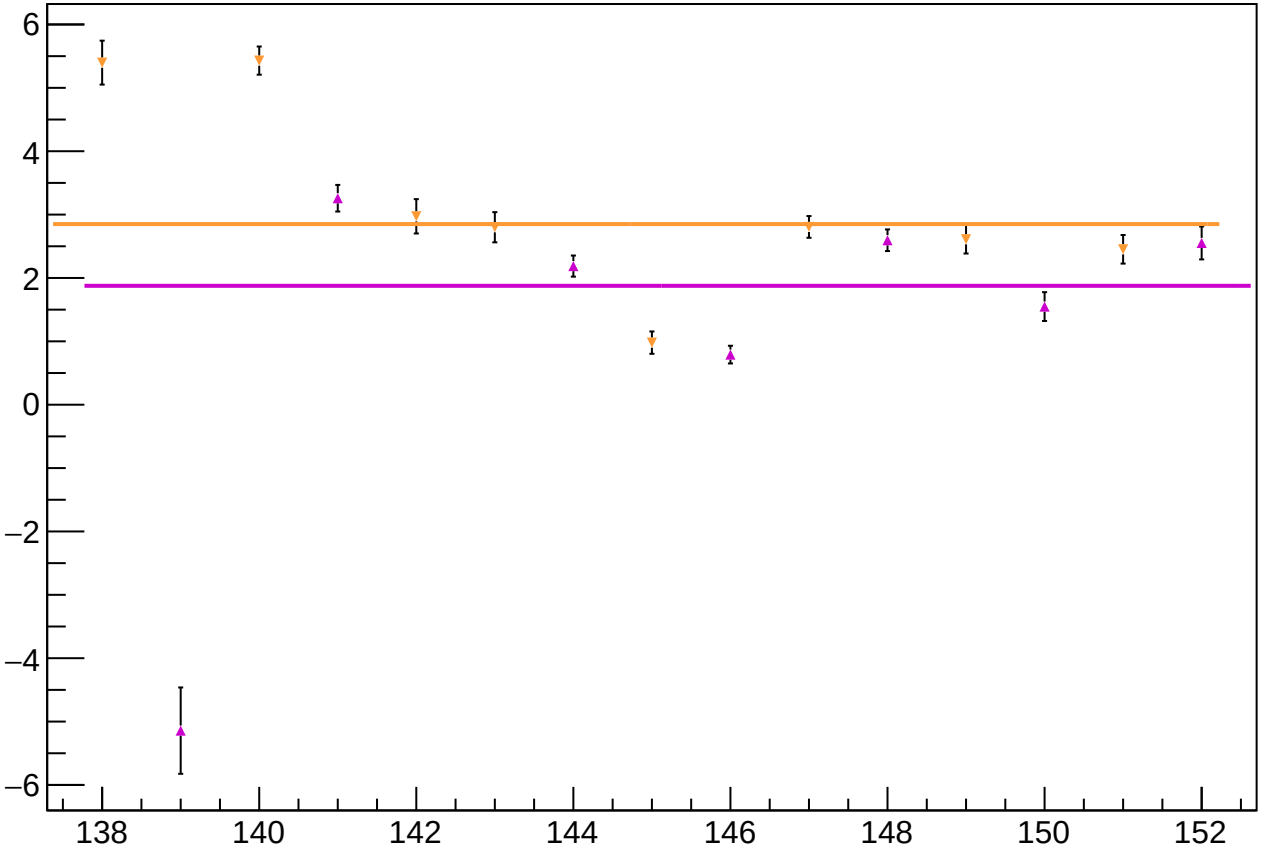
Left In: -5.098+/-0.110 χ^2/NDF:781.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.158+/-0.079 χ^2/NDF: 2674.1/14

- 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: 2.850+/-0.078 χ^2/NDF:305.8/7

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

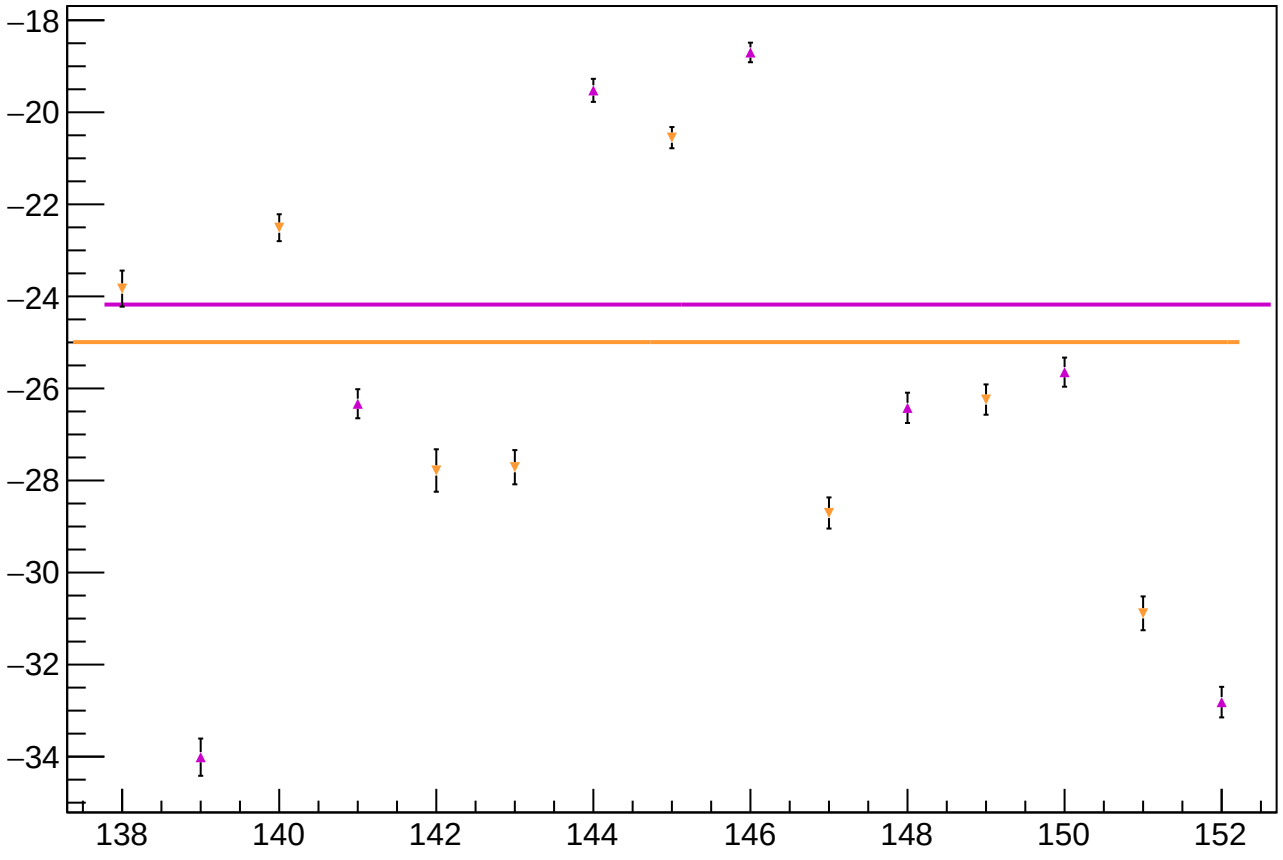
Left In: 1.876+/-0.074 χ^2/NDF:240.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.342+/-0.054 χ^2/NDF: 627.6/14

- 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: -24.993+/-0.116 χ^2/NDF:934.9/7

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

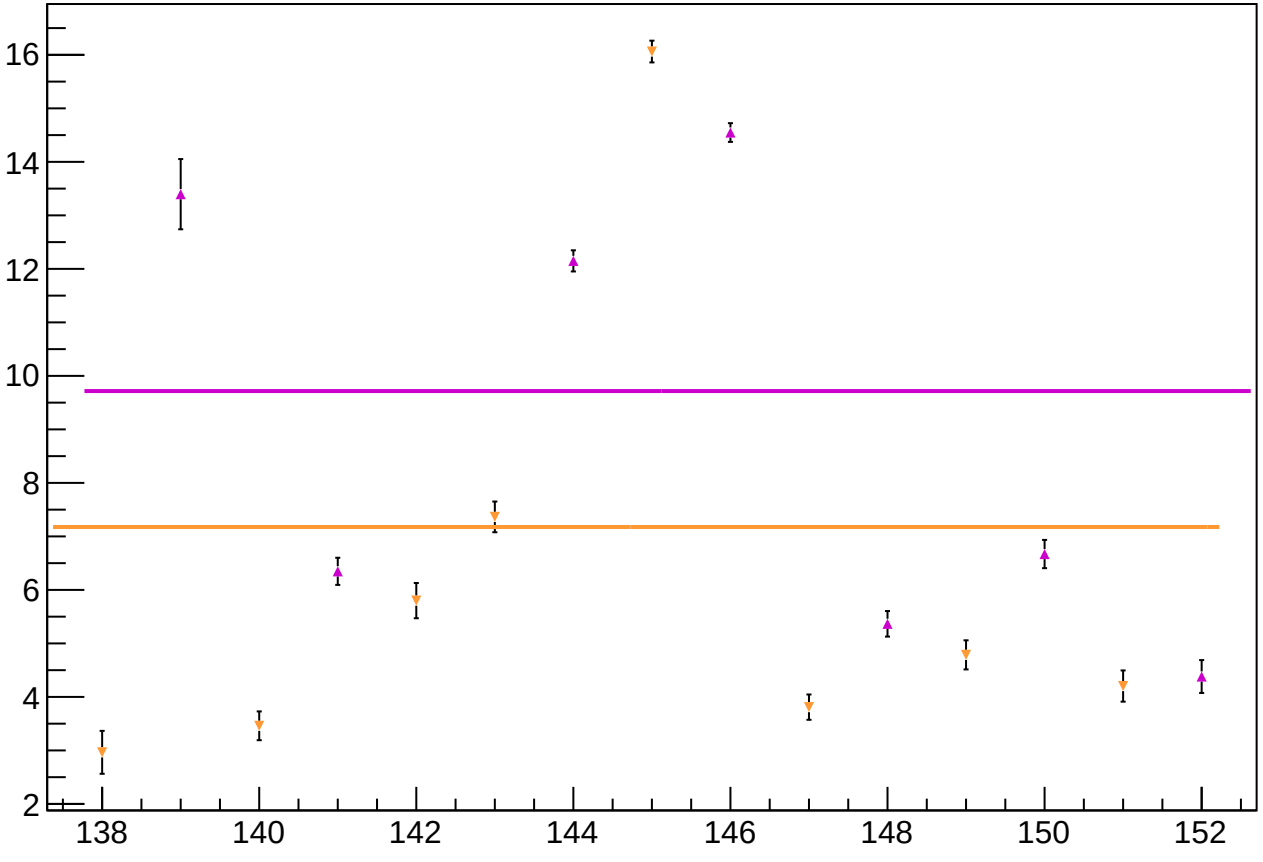
Left In: -24.177+/-0.110 χ^2/NDF:2391.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -24.564+/-0.080 χ^2/NDF: 3352.5/14

- 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: 7.176+/-0.096 χ^2/NDF:2614.3/7

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

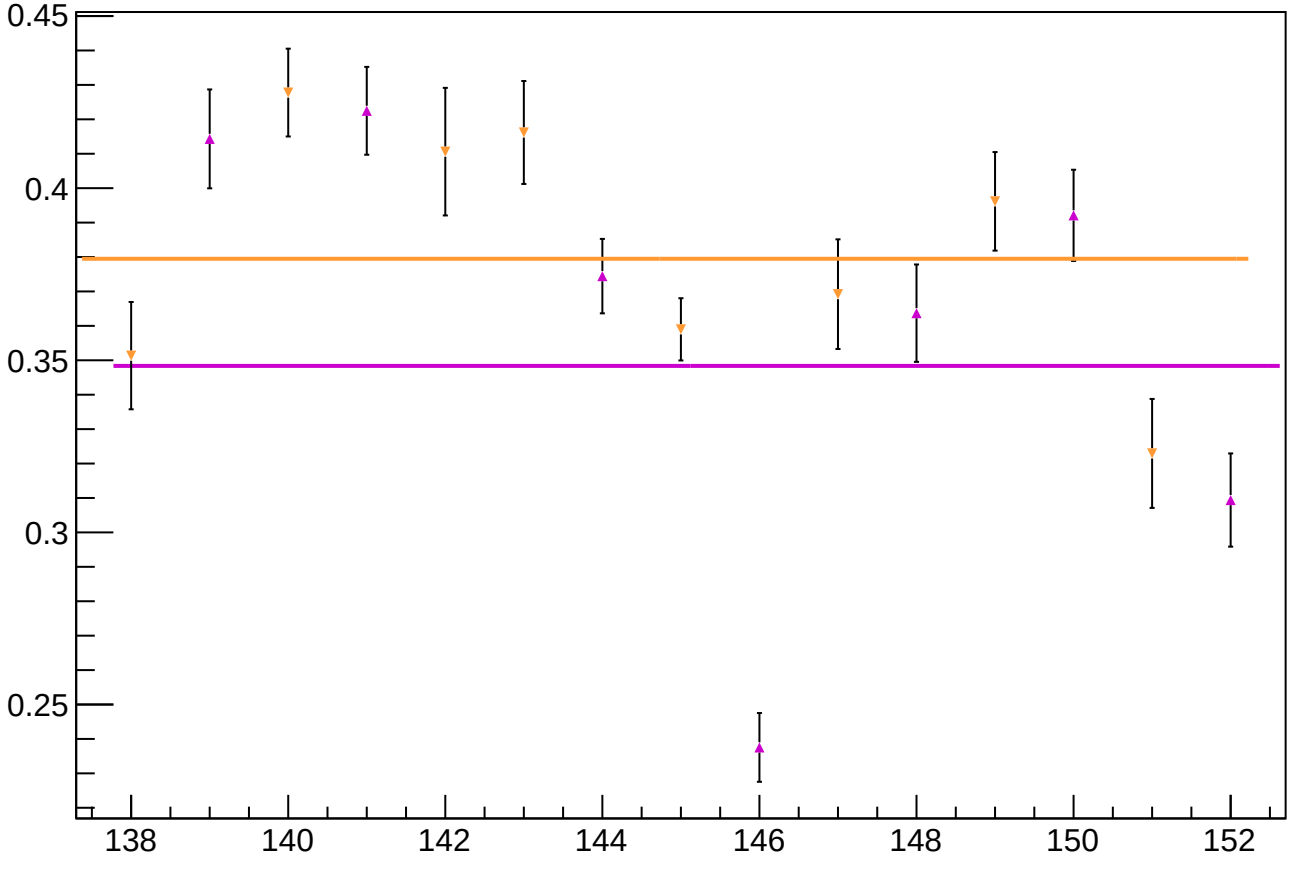
Left In: 9.717+/-0.092 χ^2/NDF:1888.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.501+/-0.066 χ^2/NDF: 4869.2/14

- 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: 0.379+/-0.005 χ^2/NDF:46.1/7

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

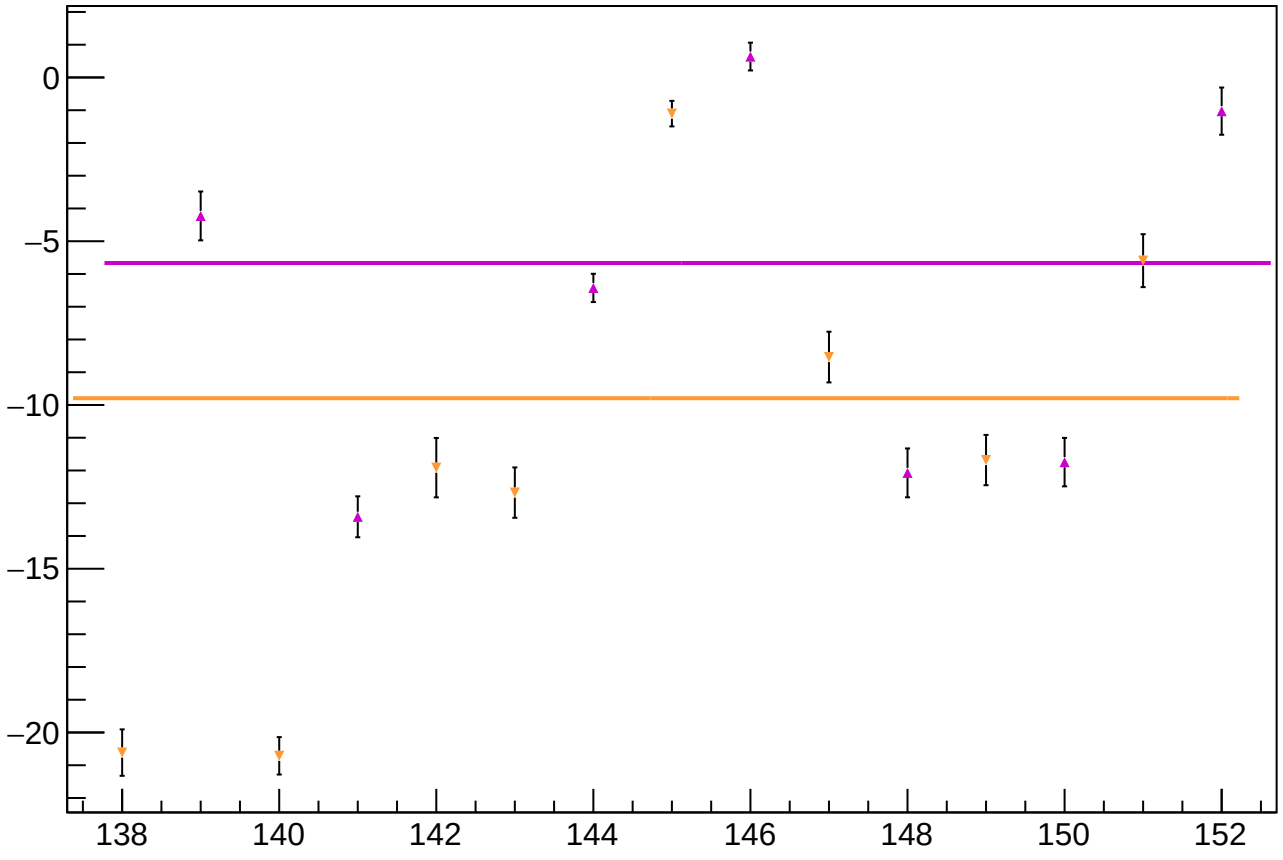
Left In: 0.348+/-0.005 χ^2/NDF:204.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.363+/-0.003 χ^2/NDF: 271.6/14

- 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: -9.793+/-0.227 χ^2/NDF:1149.7/7

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

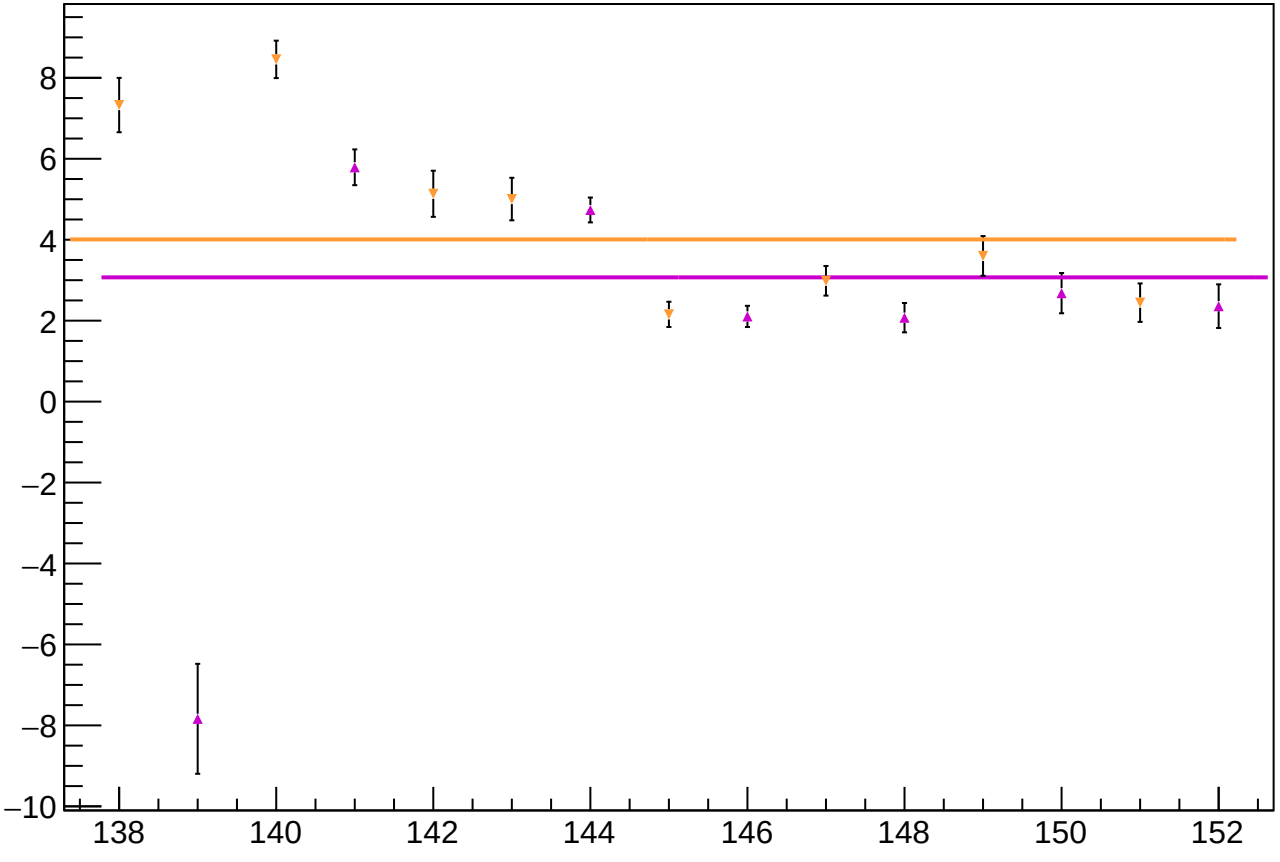
Left In: -5.665+/-0.219 χ^2/NDF:564.0/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.657+/-0.158 χ^2/NDF: 1885.0/14

- 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: 4.007+/-0.158 χ^2/NDF:179.0/7

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

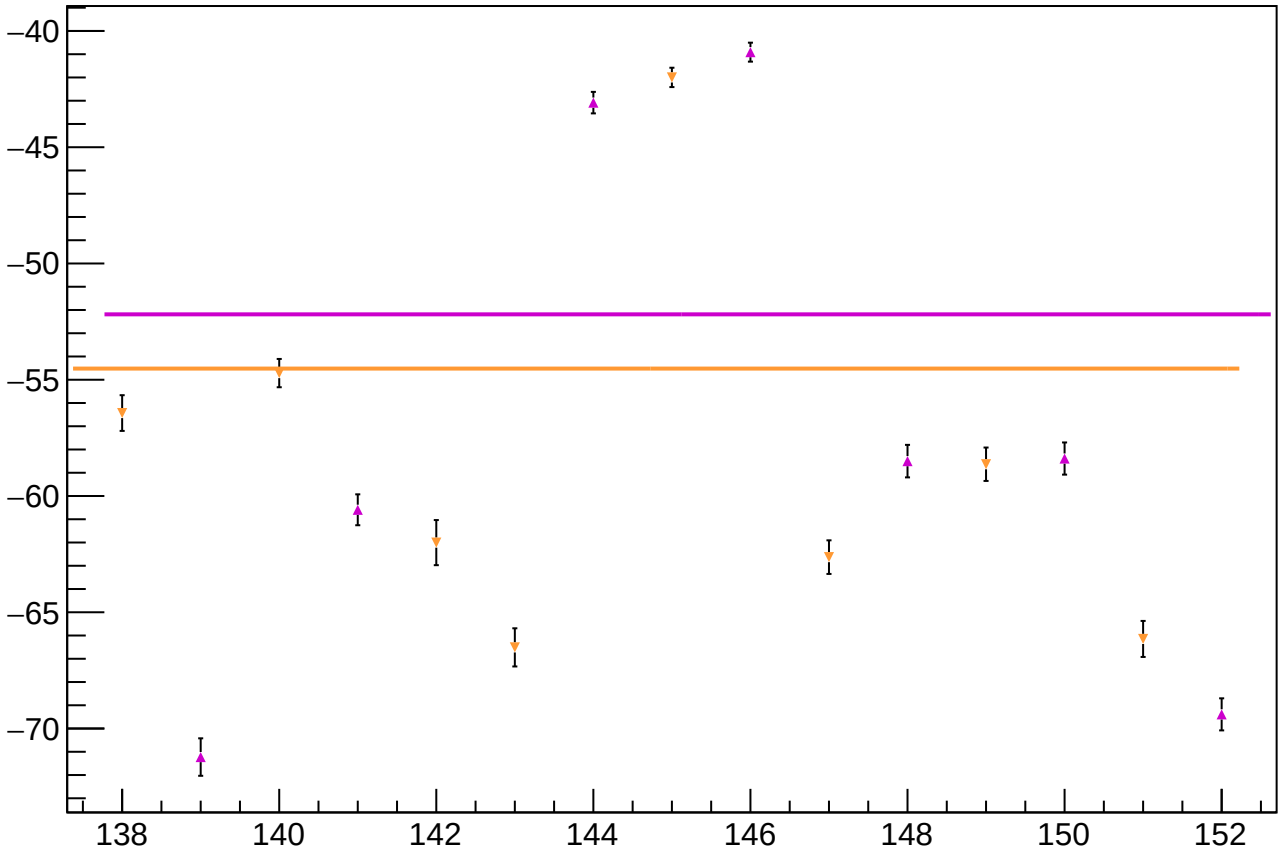
Left In: 3.070+/-0.148 χ^2/NDF:155.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.506+/-0.108 χ^2/NDF: 352.9/14

- 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: -54.520+/-0.234 χ^2/NDF:1569.8/7

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

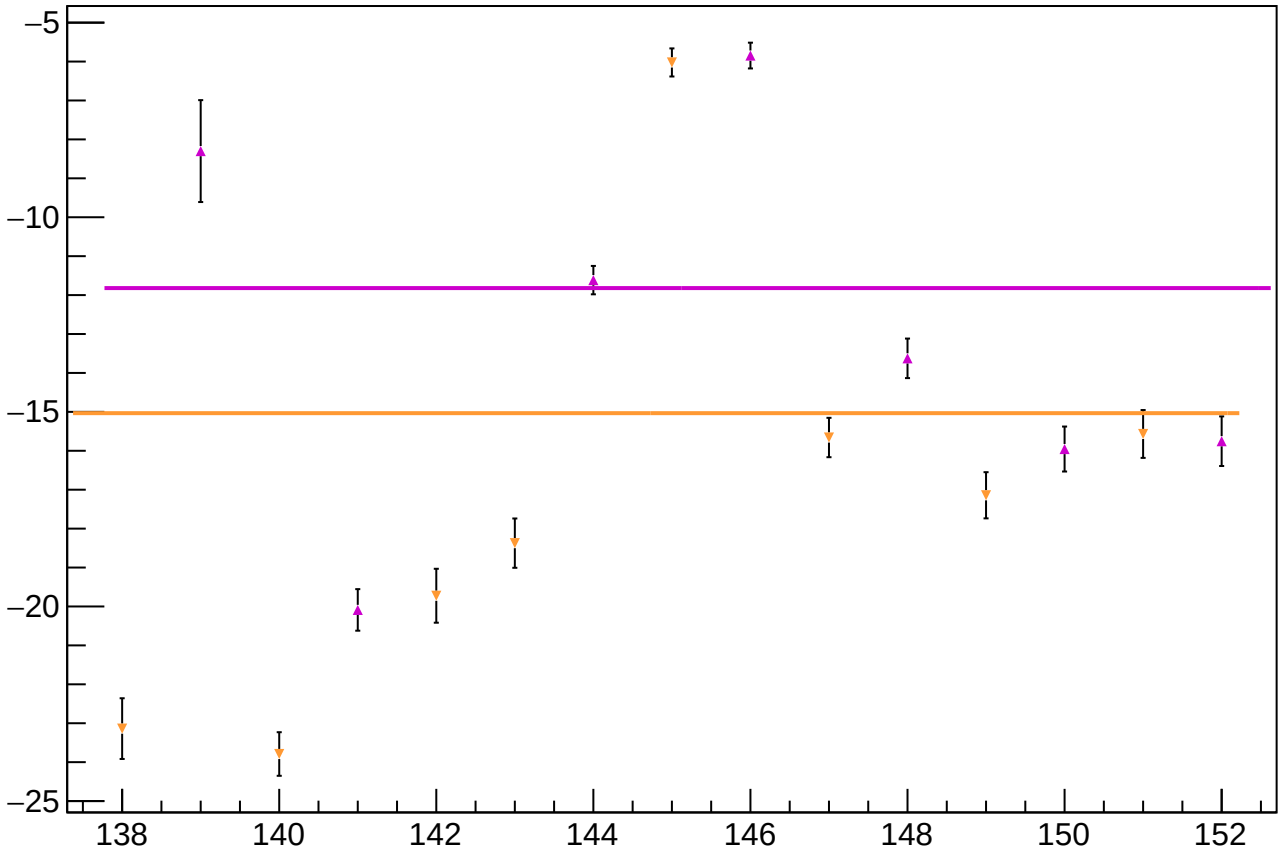
Left In: -52.187+/-0.220 χ^2/NDF:2654.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -53.279+/-0.160 χ^2/NDF: 4276.9/14

- 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: -15.033+/-0.194 χ^2/NDF:1064.6/7

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

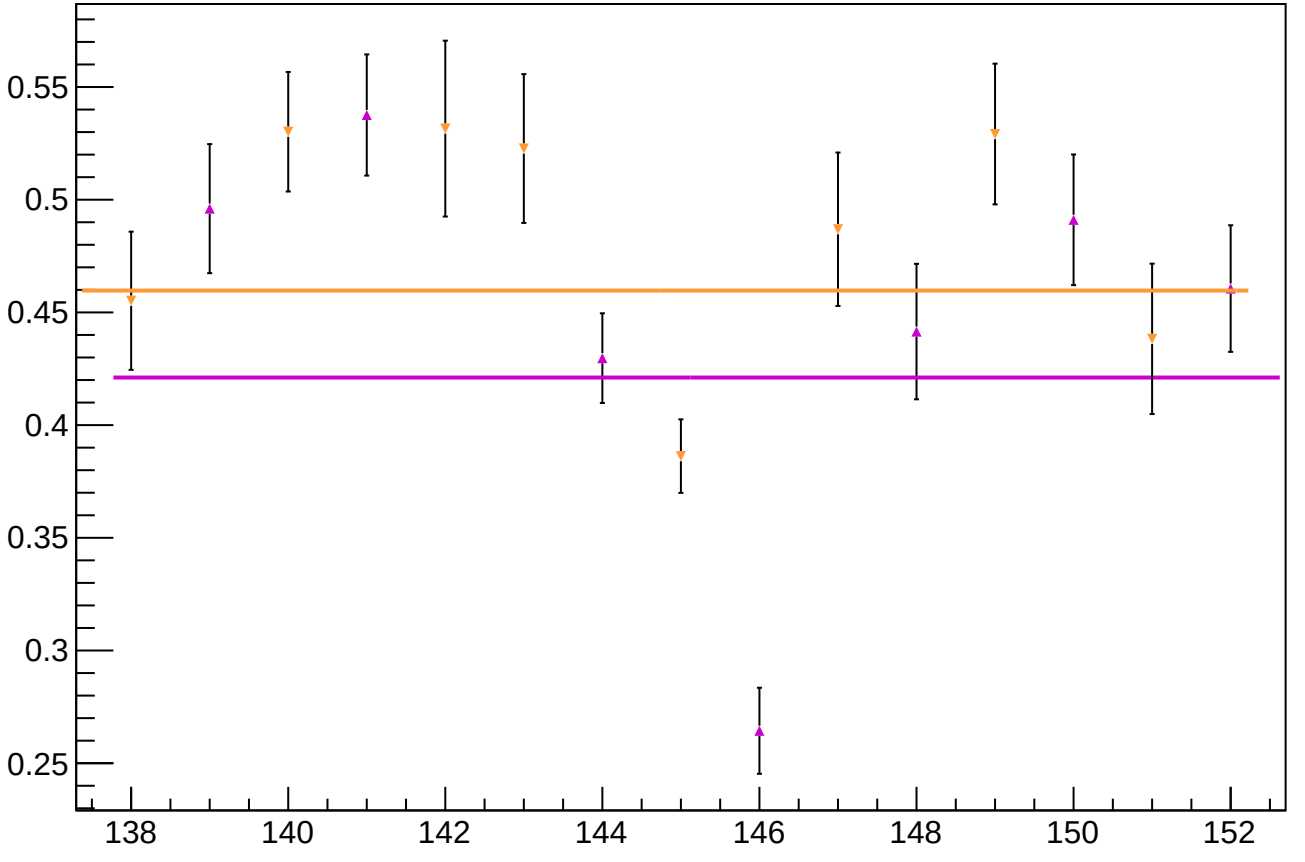
Left In: -11.820+/-0.182 χ^2/NDF:674.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.325+/-0.133 χ^2/NDF: 1884.8/14

- 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: 0.460+/-0.010 χ^2/NDF:40.4/7

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

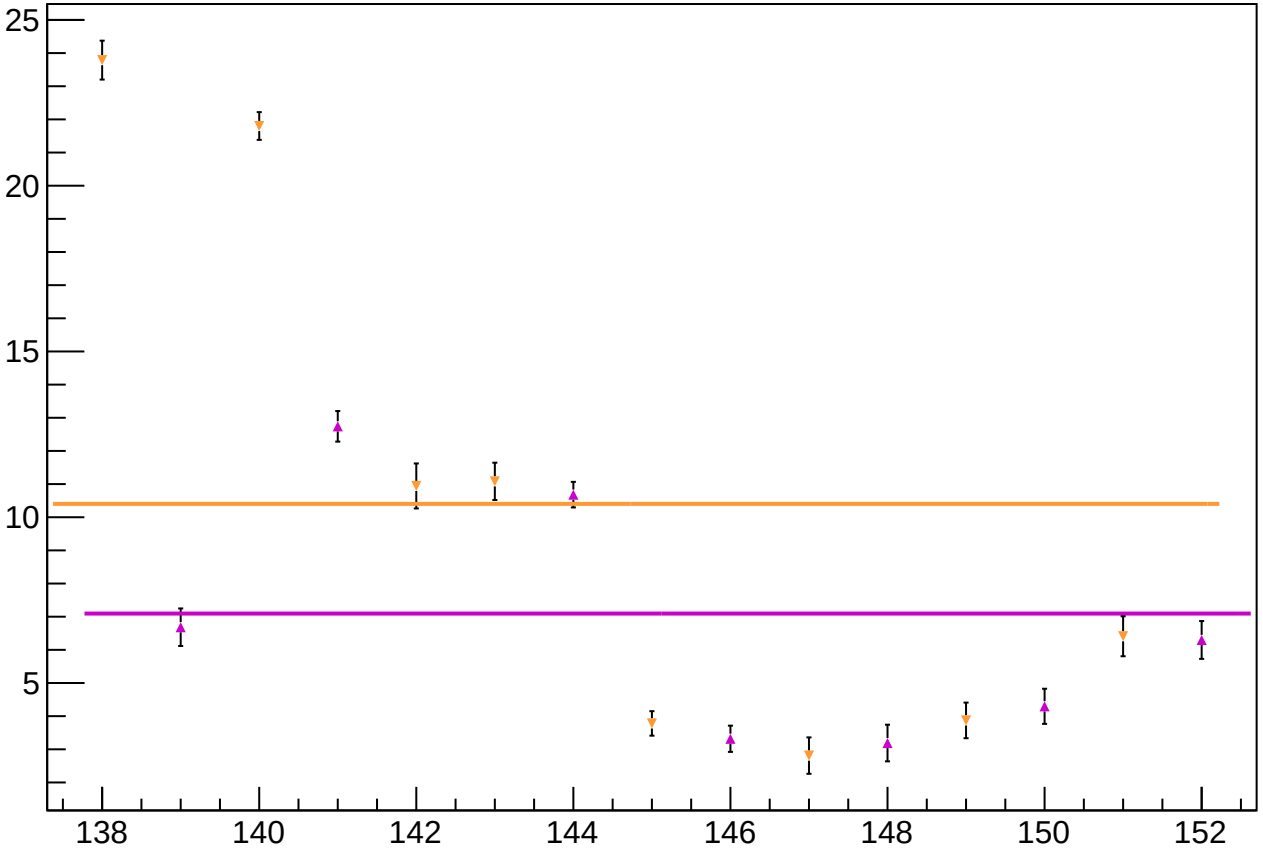
Left In: 0.421+/-0.009 χ^2/NDF:101.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.440+/-0.007 χ^2/NDF: 150.1/14

- 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: 10.403+/-0.180 χ^2/NDF:1969.4/7

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

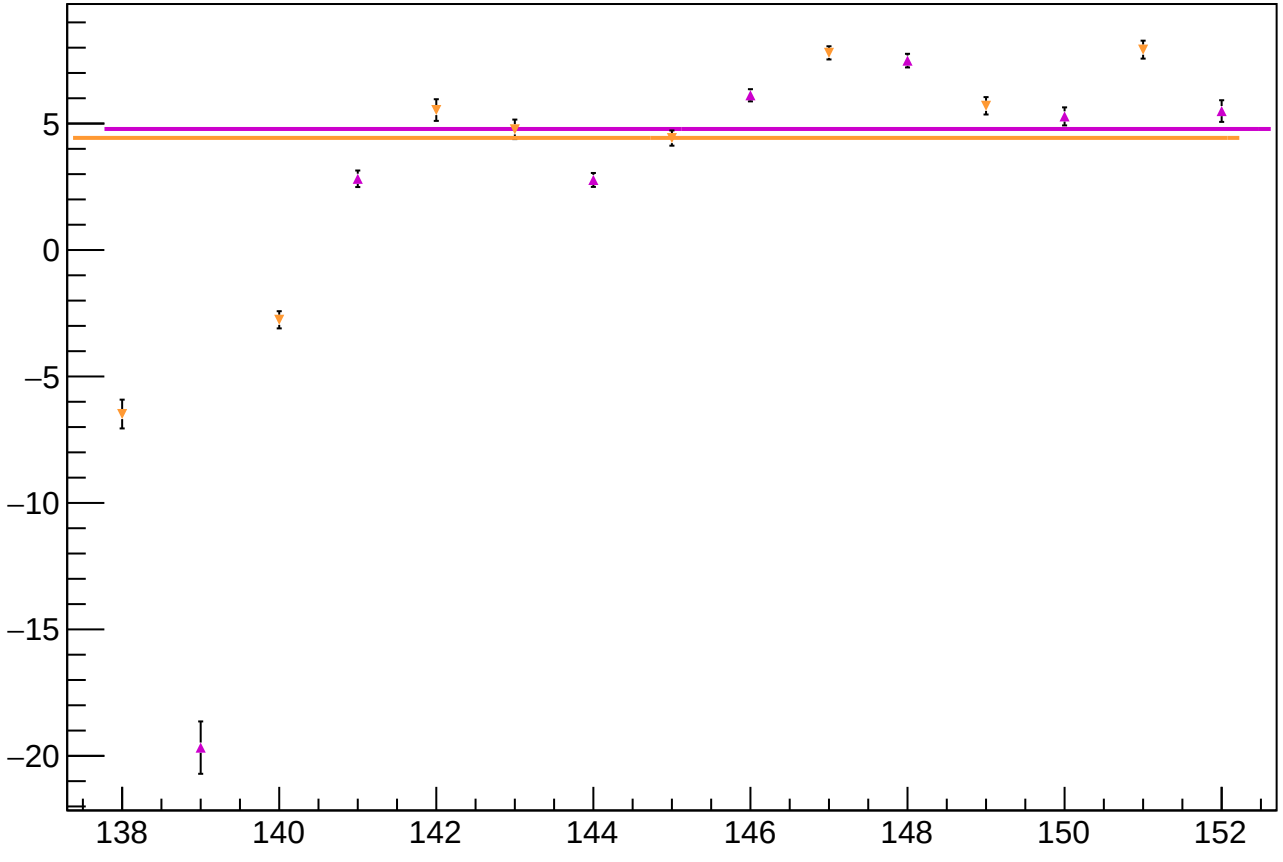
Left In: 7.095+/-0.180 χ^2/NDF:407.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.748+/-0.127 χ^2/NDF: 2545.6/14

- 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: 4.433+/-0.123 χ^2/NDF:1100.5/7

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

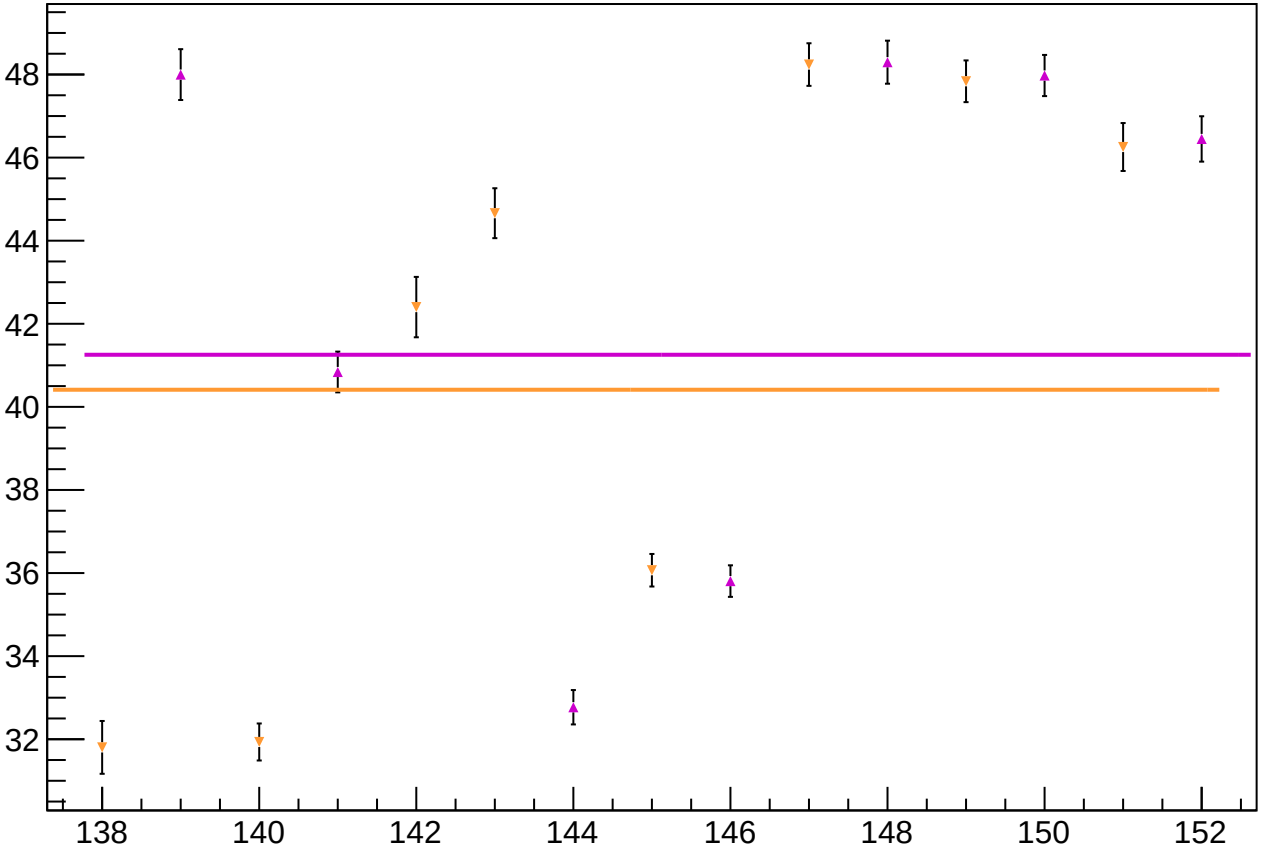
Left In: 4.786+/-0.121 χ^2/NDF:783.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.611+/-0.086 χ^2/NDF: 1888.4/14

- 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: 40.412+/-0.184 χ^2/NDF:1280.4/7

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

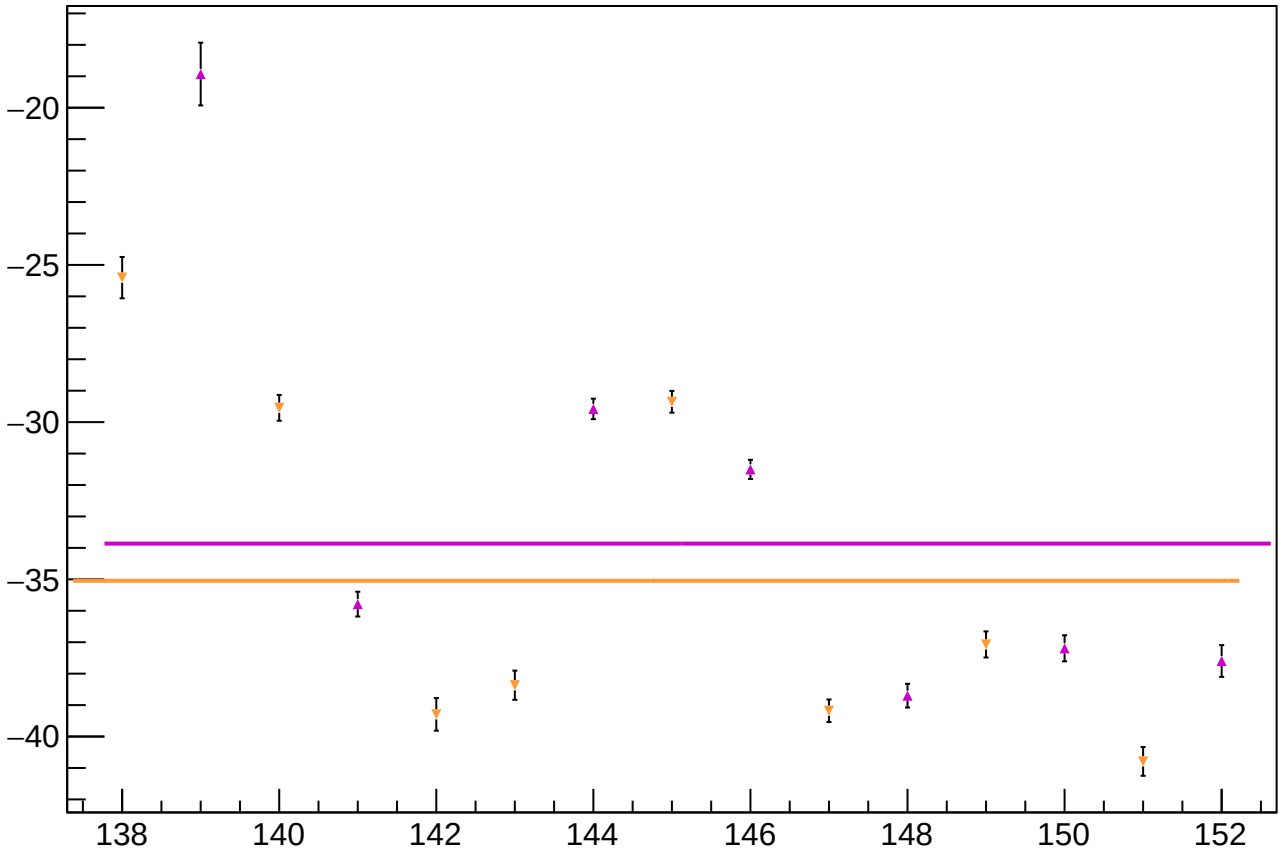
Left In: 41.254+/-0.180 χ^2/NDF:1207.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 40.842+/-0.129 χ^2/NDF: 2498.8/14

- 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: -35.046+/-0.152 χ^2/NDF:1097.0/7

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

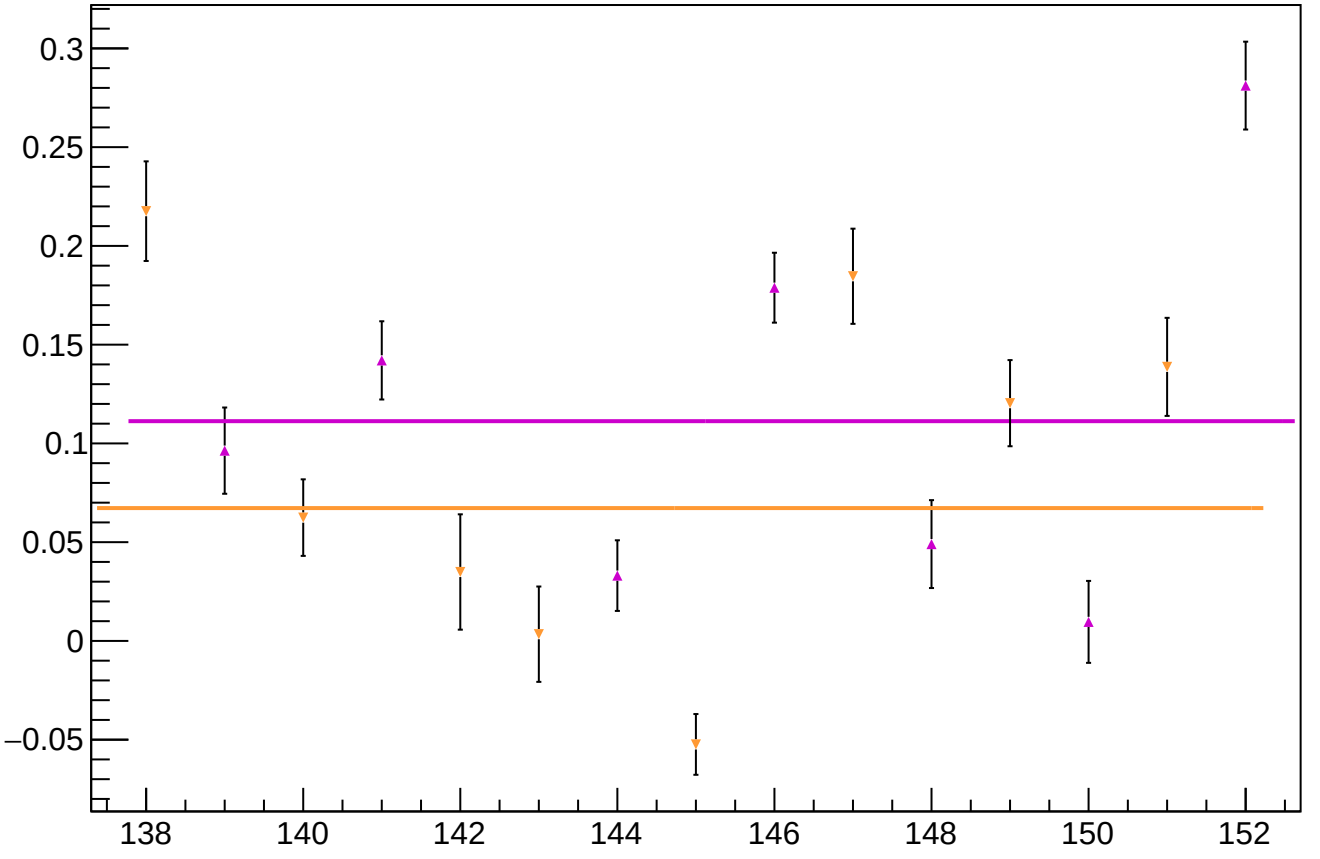
Left In: -33.863+/-0.150 χ^2/NDF:764.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -34.447+/-0.107 χ^2/NDF: 1892.0/14

- 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: 0.067+/-0.008 χ^2/NDF:142.3/7

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

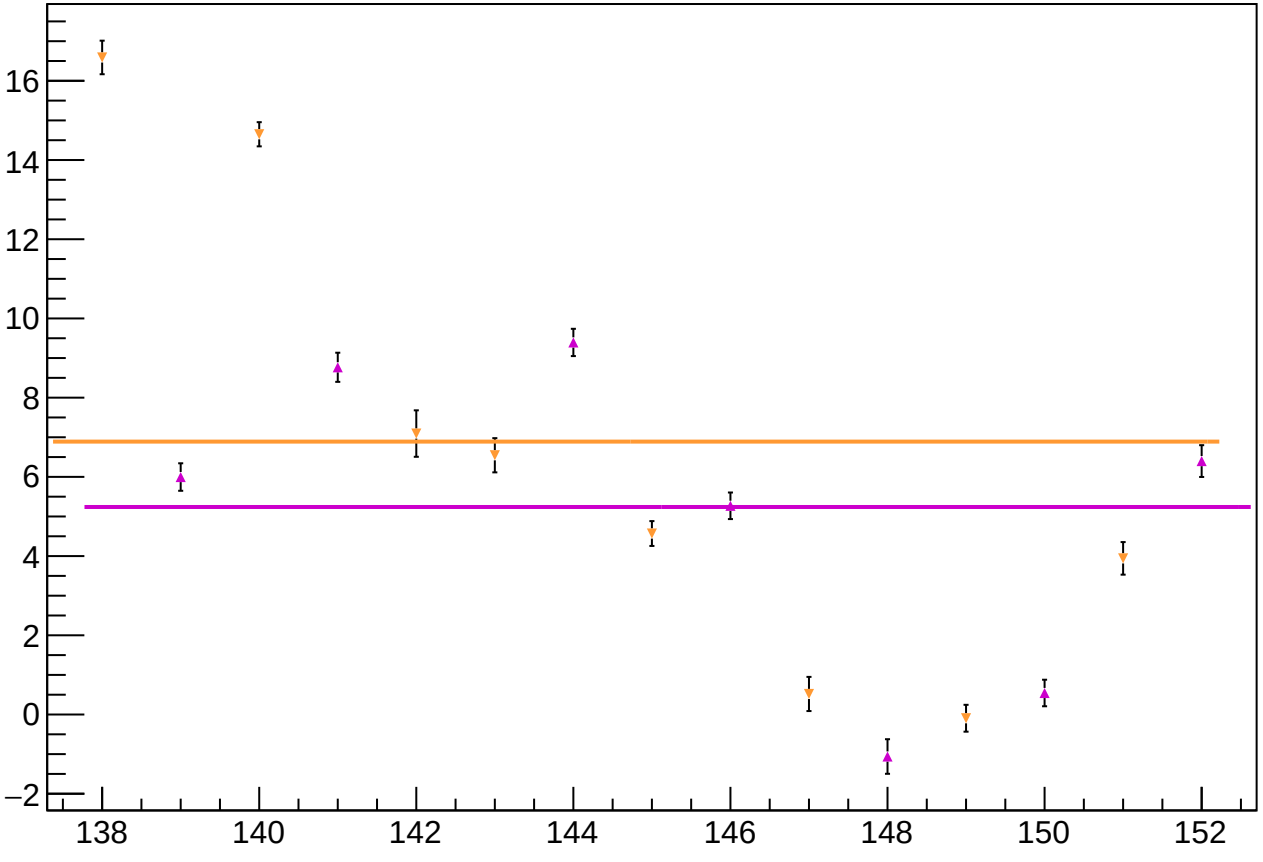
Left In: 0.111+/-0.008 χ^2/NDF:126.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.090+/-0.005 χ^2/NDF: 285.6/14

- 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: 6.890+/-0.135 χ^2/NDF:1919.7/7

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

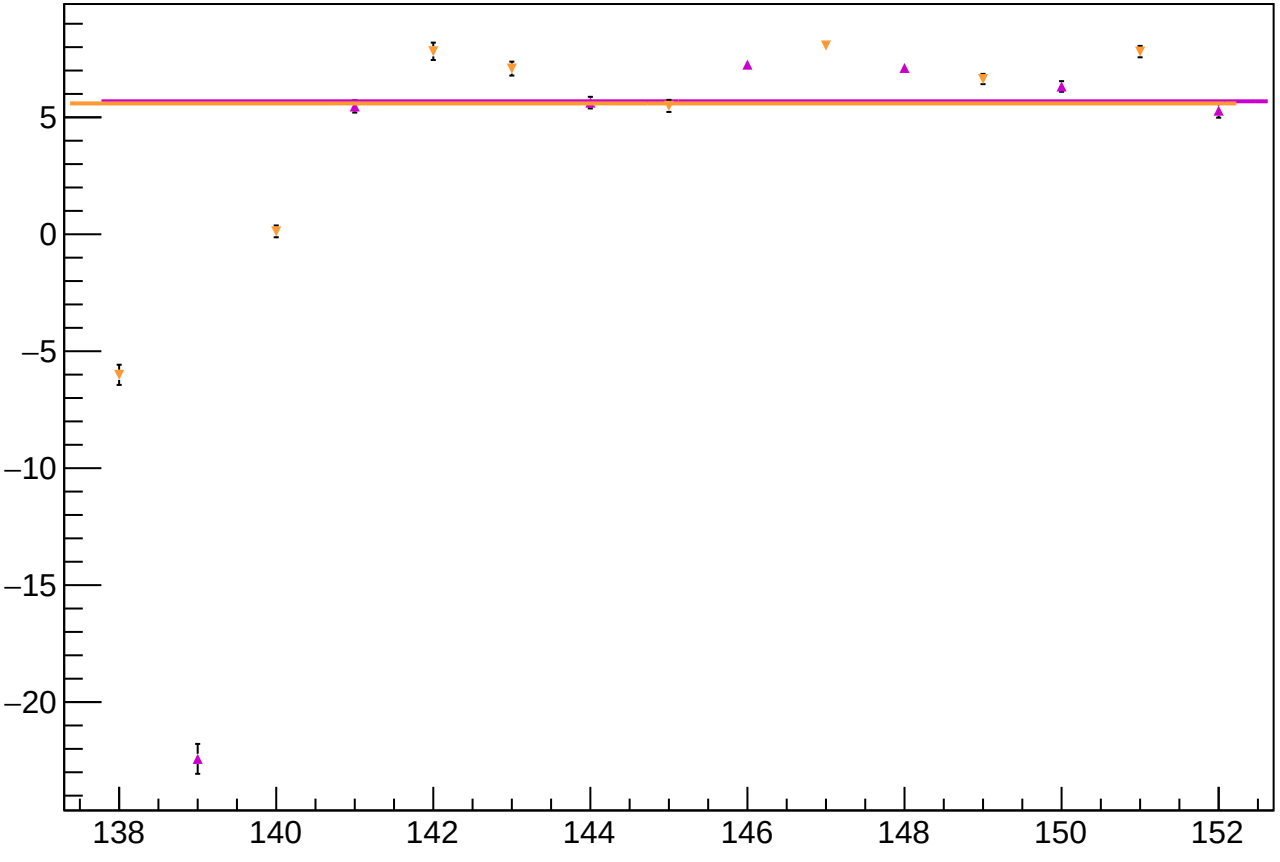
Left In: 5.240+/-0.137 χ^2/NDF:655.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.075+/-0.096 χ^2/NDF: 2648.6/14

- 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: 5.594+/-0.093 χ^2/NDF:1500.5/7

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

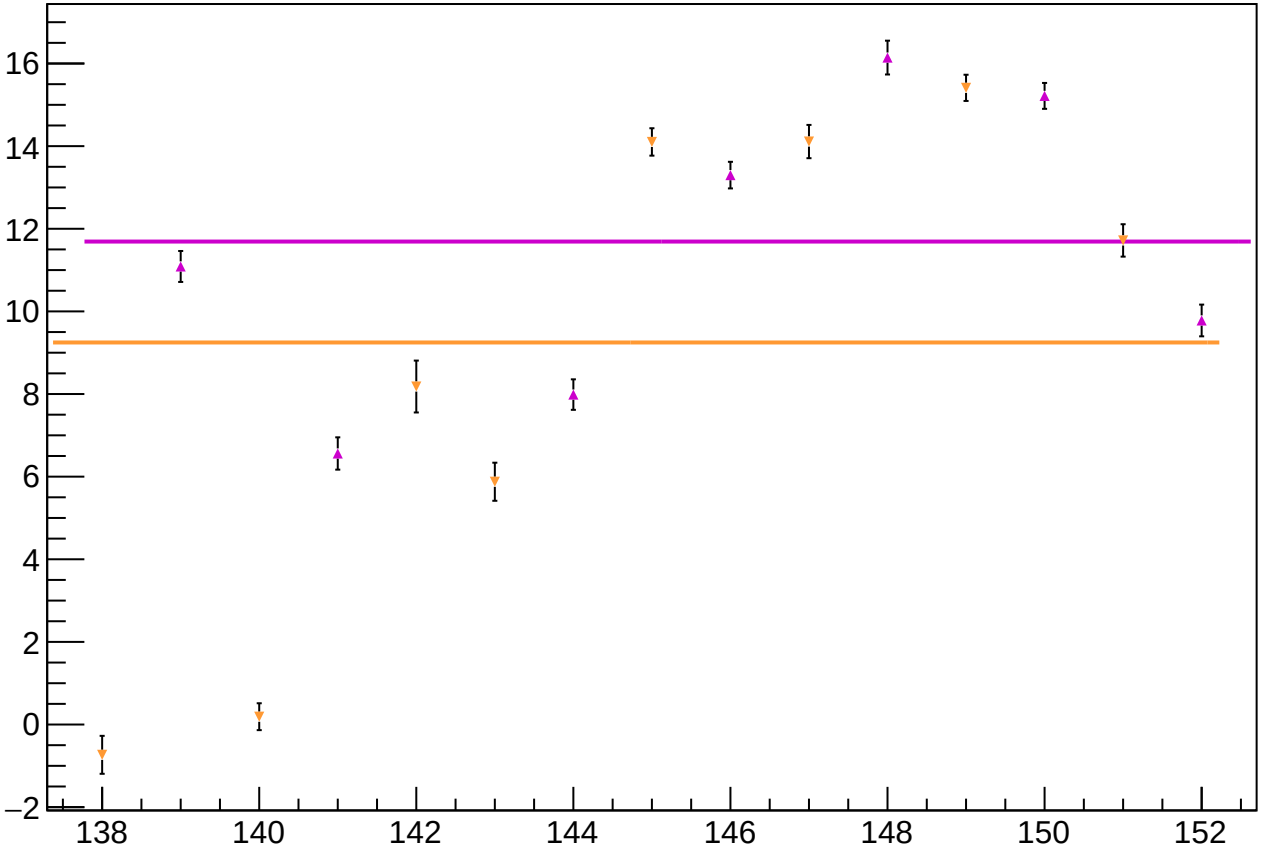
Left In: 5.685+/-0.097 χ^2/NDF:2043.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.638+/-0.067 χ^2/NDF: 3544.4/14

- 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: 9.248+/-0.137 χ^2/NDF:2081.2/7

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

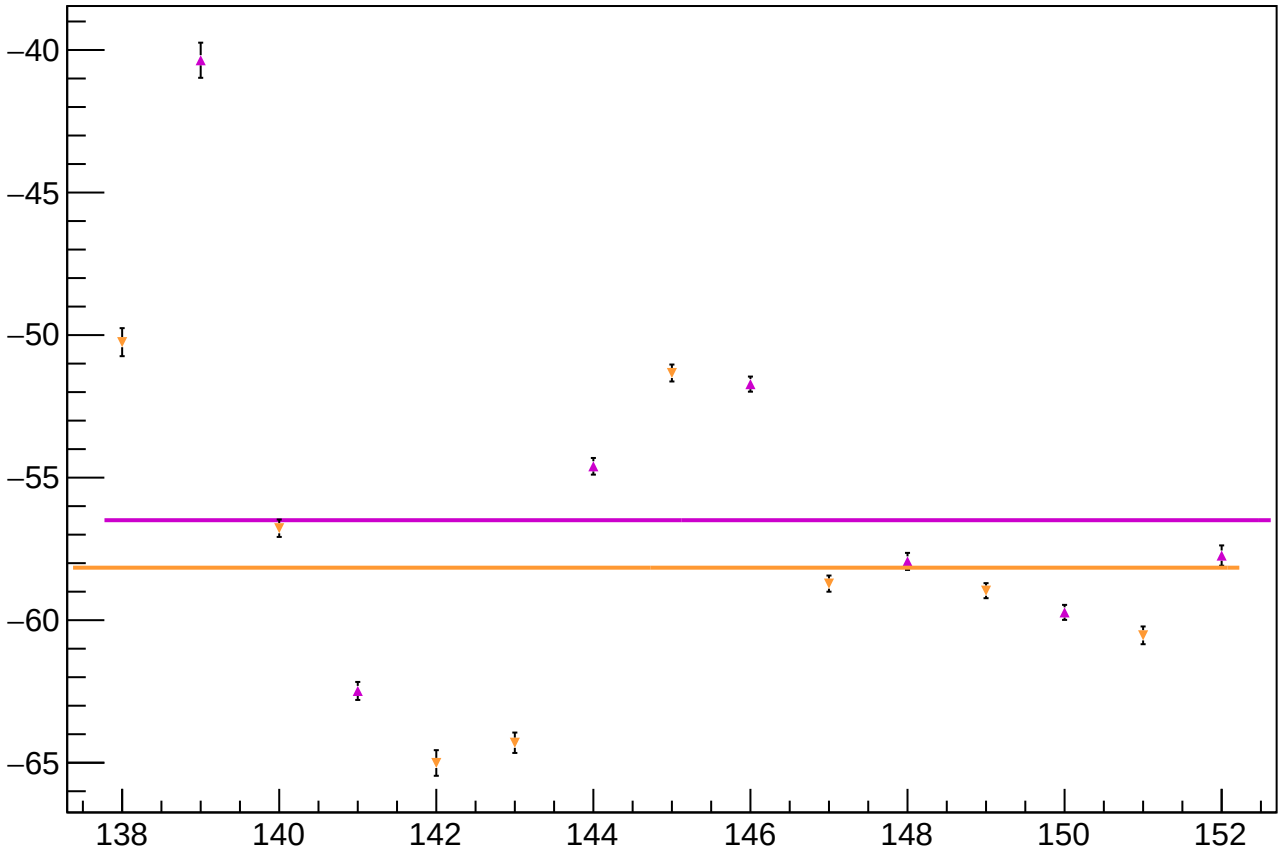
Left In: 11.690+/-0.137 χ^2/NDF:569.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.474+/-0.097 χ^2/NDF: 2810.3/14

- 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: -58.159+/-0.115 χ^2/NDF:1405.9/7

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

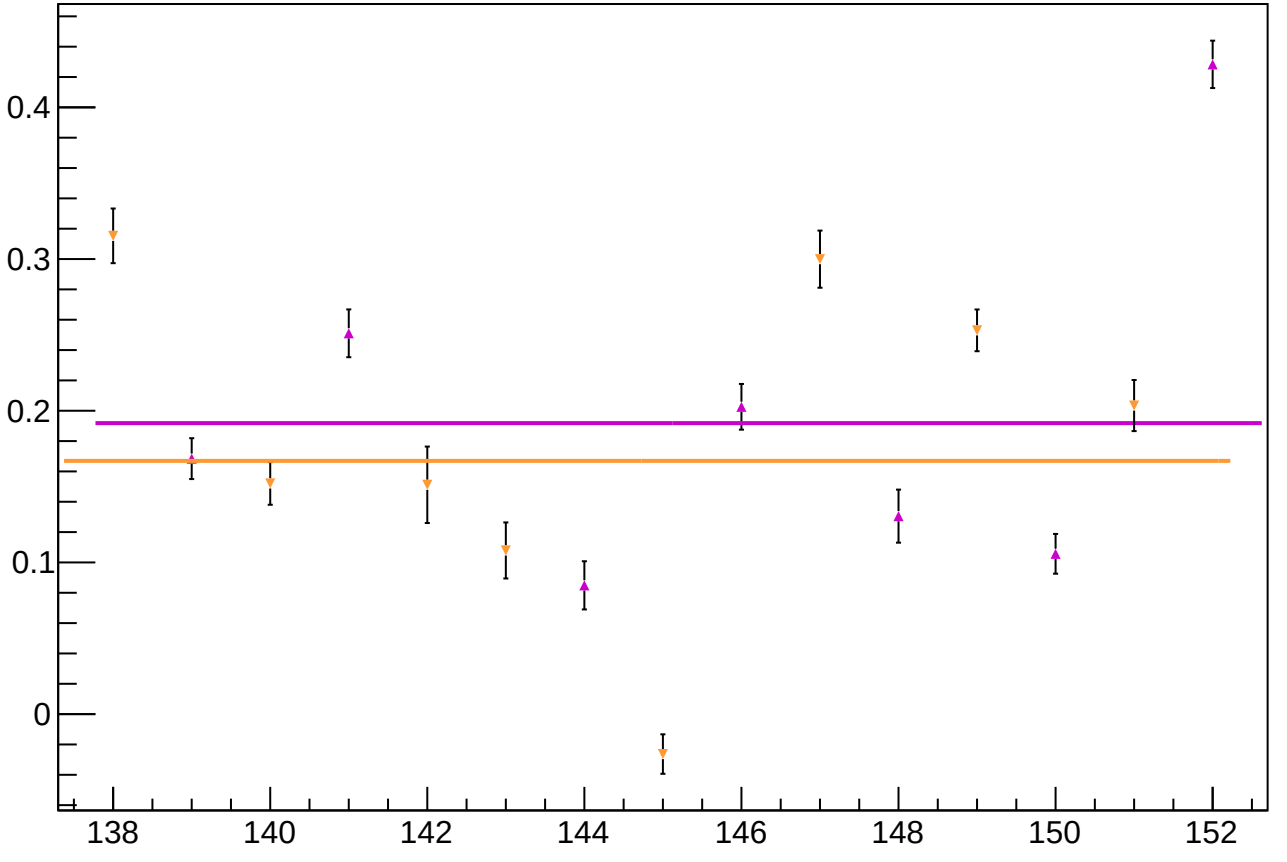
Left In: -56.493+/-0.118 χ^2/NDF:1597.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -57.348+/-0.082 χ^2/NDF: 3106.2/14

- 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: 0.167+/-0.006 χ^2/NDF:393.8/7

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

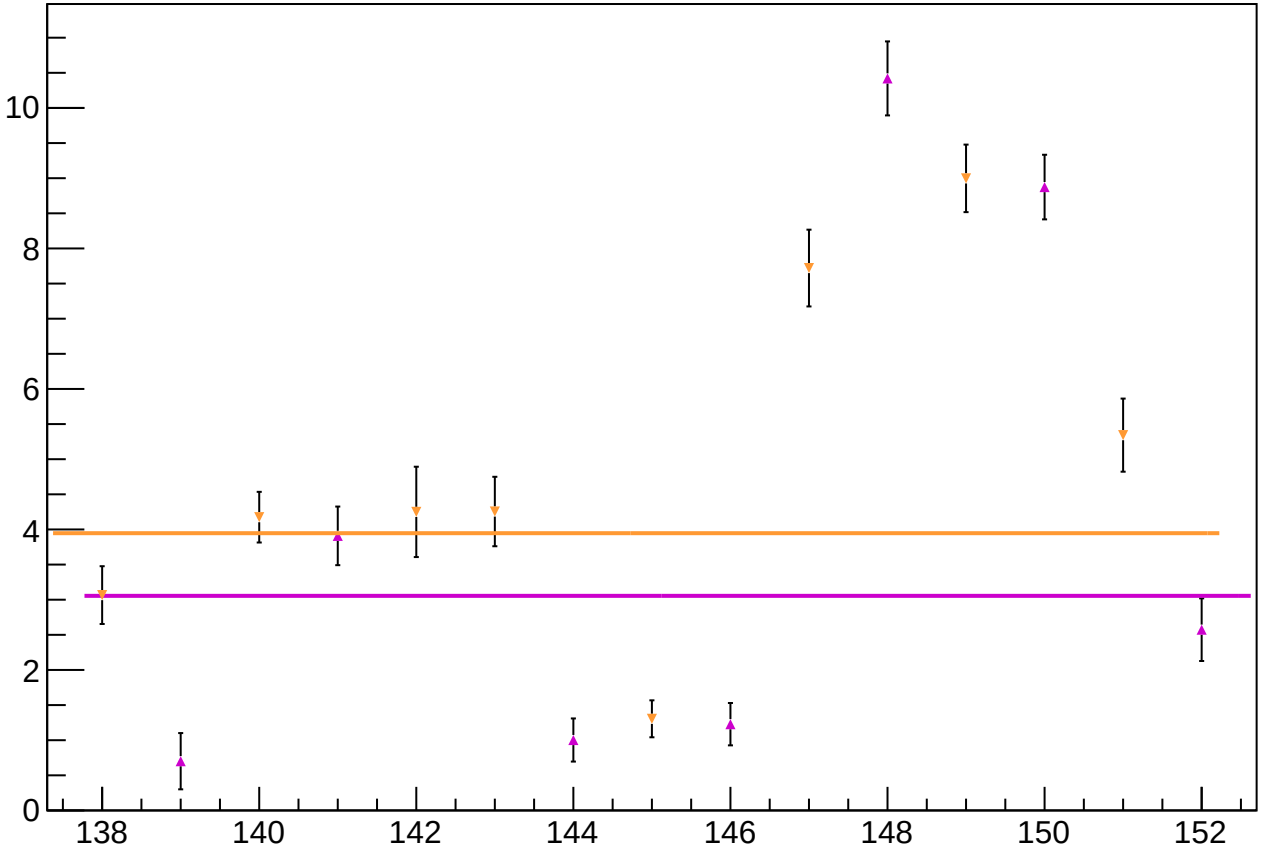
Left In: 0.192+/-0.006 χ^2/NDF:347.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.180+/-0.004 χ^2/NDF: 751.1/14

- 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: 3.947+/-0.148 χ^2/NDF:271.9/7

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

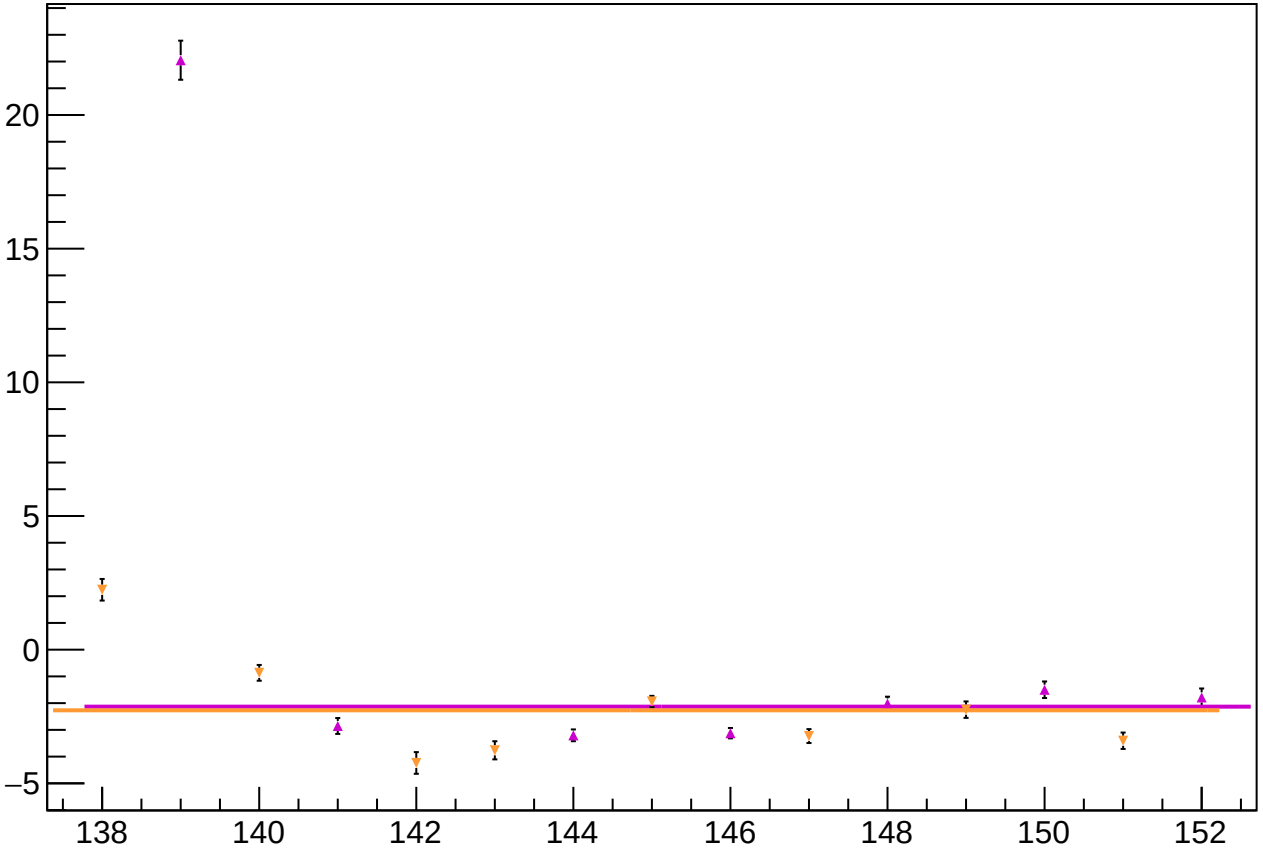
Left In: 3.055+/-0.146 χ^2/NDF:476.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.496+/-0.104 χ^2/NDF: 767.3/14

- 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: -2.268+/-0.105 χ^2/NDF:220.0/7

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

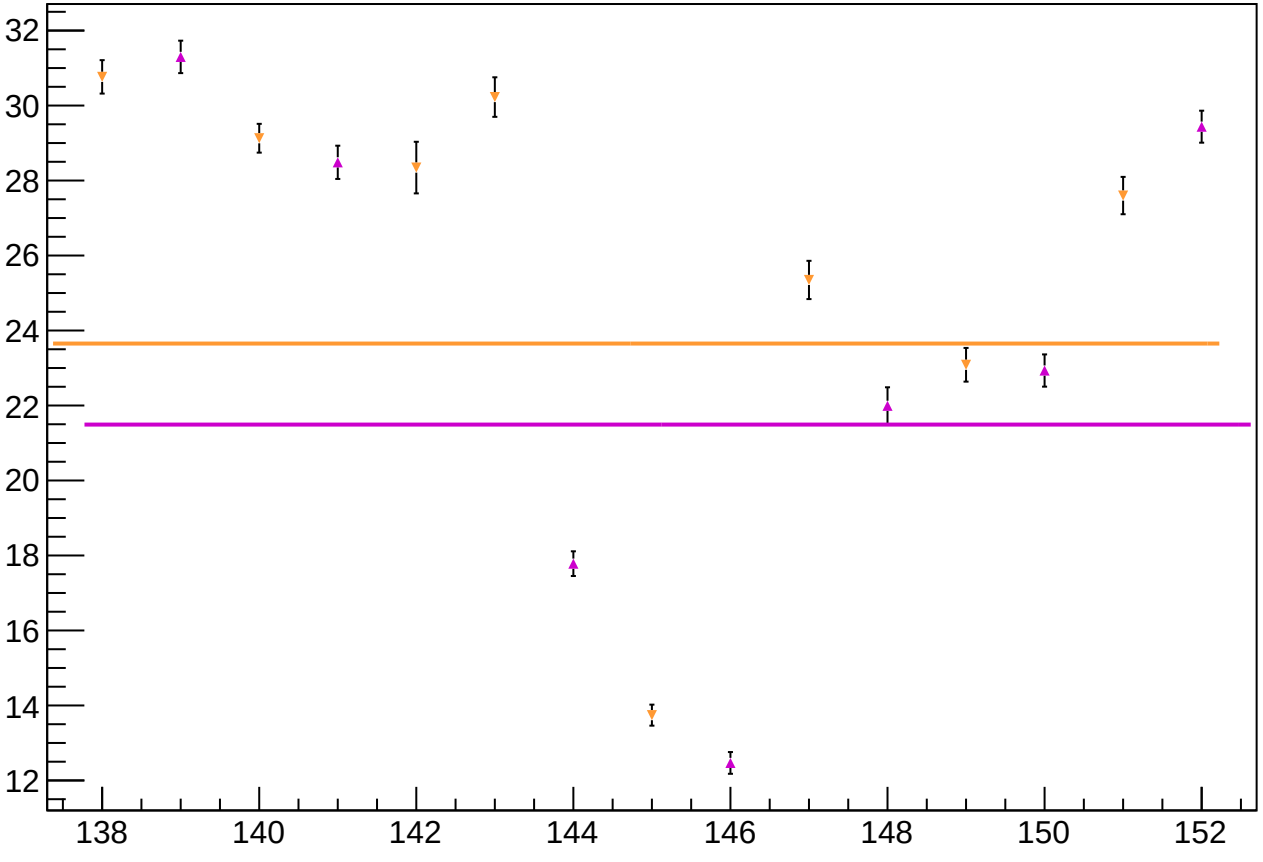
Left In: -2.132+/-0.103 χ^2/NDF:1155.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.199+/-0.073 χ^2/NDF: 1376.2/14

- 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: 23.652+/-0.152 χ^2/NDF:1984.9/7

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

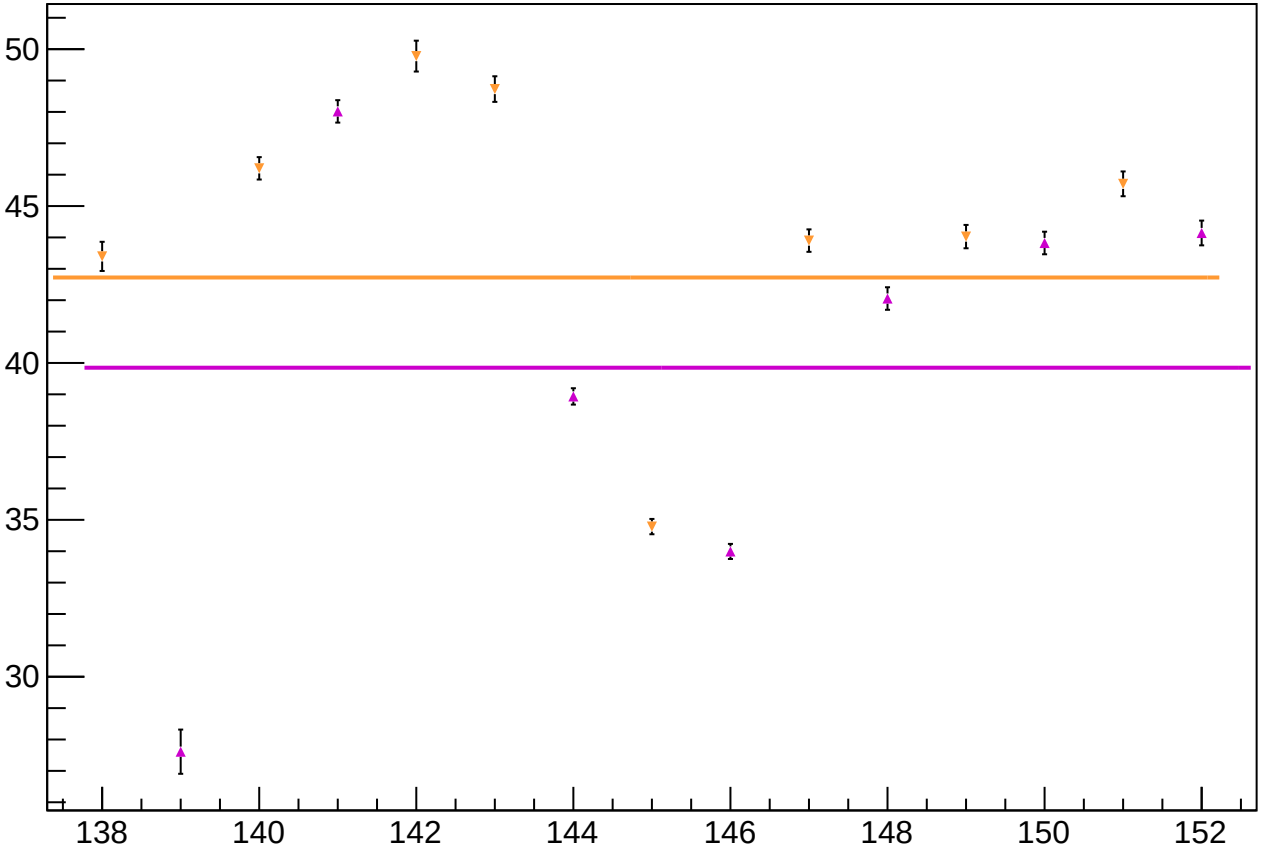
Left In: 21.491+/-0.147 χ^2/NDF:2216.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 22.530+/-0.106 χ^2/NDF: 4305.7/14

- 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: 42.723+/-0.128 χ^2/NDF:1658.4/7

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

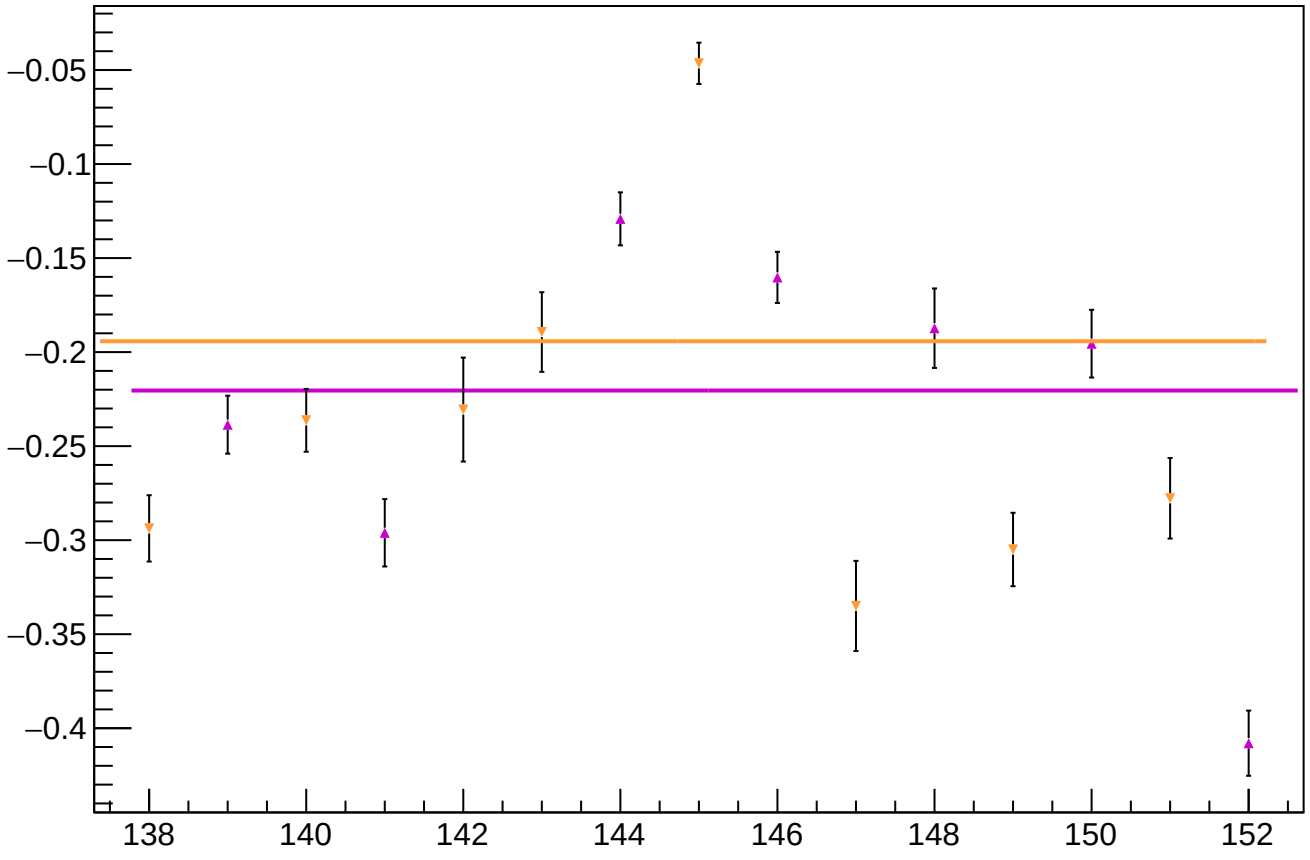
Left In: 39.848+/-0.125 χ^2/NDF:1706.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 41.253+/-0.090 χ^2/NDF: 3622.4/14

- 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: -0.194+/-0.006 χ^2/NDF:302.8/7

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

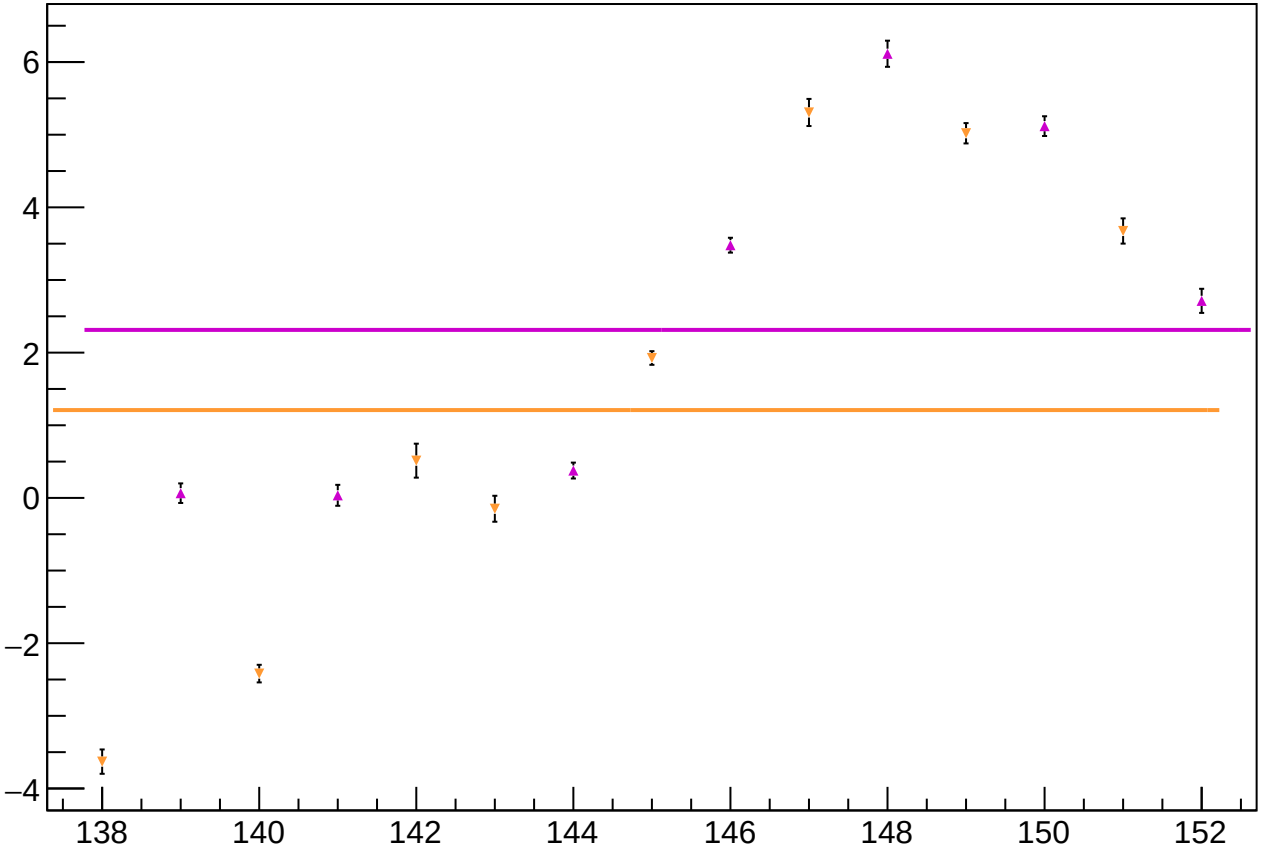
Left In: -0.220+/-0.006 χ^2/NDF:202.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.208+/-0.004 χ^2/NDF: 513.8/14

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: 1.209+/-0.051 χ^2/NDF:3281.0/7

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

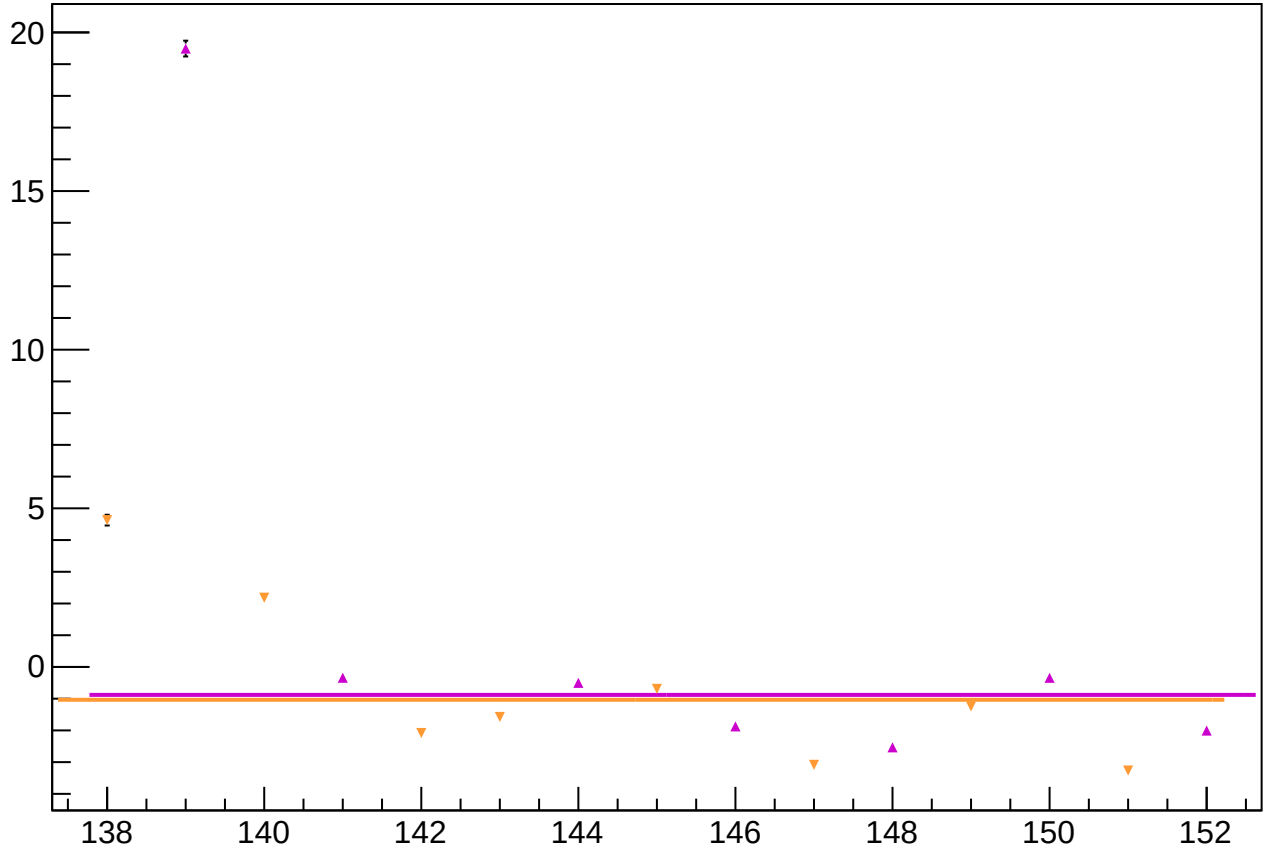
Left In: 2.313+/-0.050 χ^2/NDF:1848.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.778+/-0.036 χ^2/NDF: 5368.1/14

- 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: -1.034+/-0.036 χ^2/NDF:3244.0/7

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

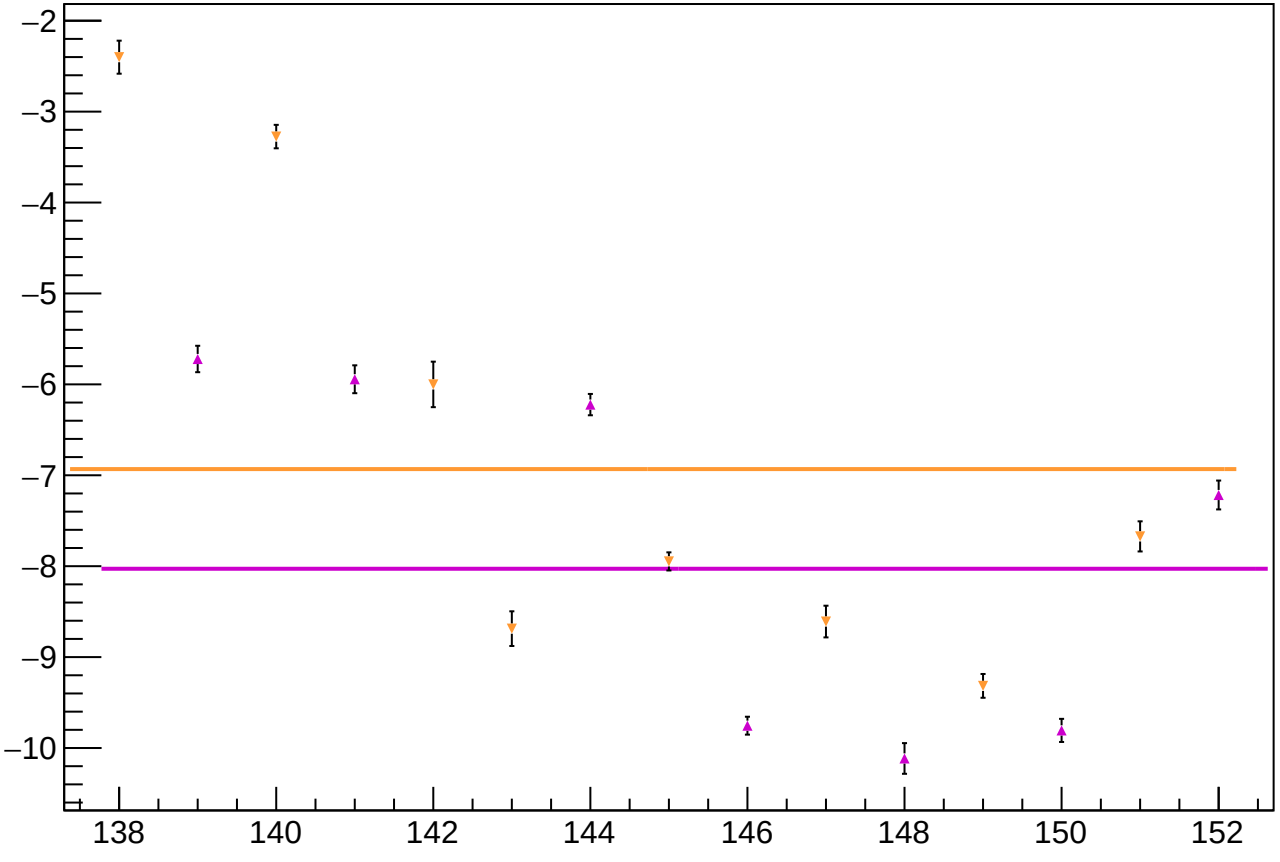
Left In: -0.880+/-0.035 χ^2/NDF:7415.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.955+/-0.025 χ^2/NDF: 10669.0/14

- 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: -6.932+/-0.053 χ^2/NDF:2072.5/7

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

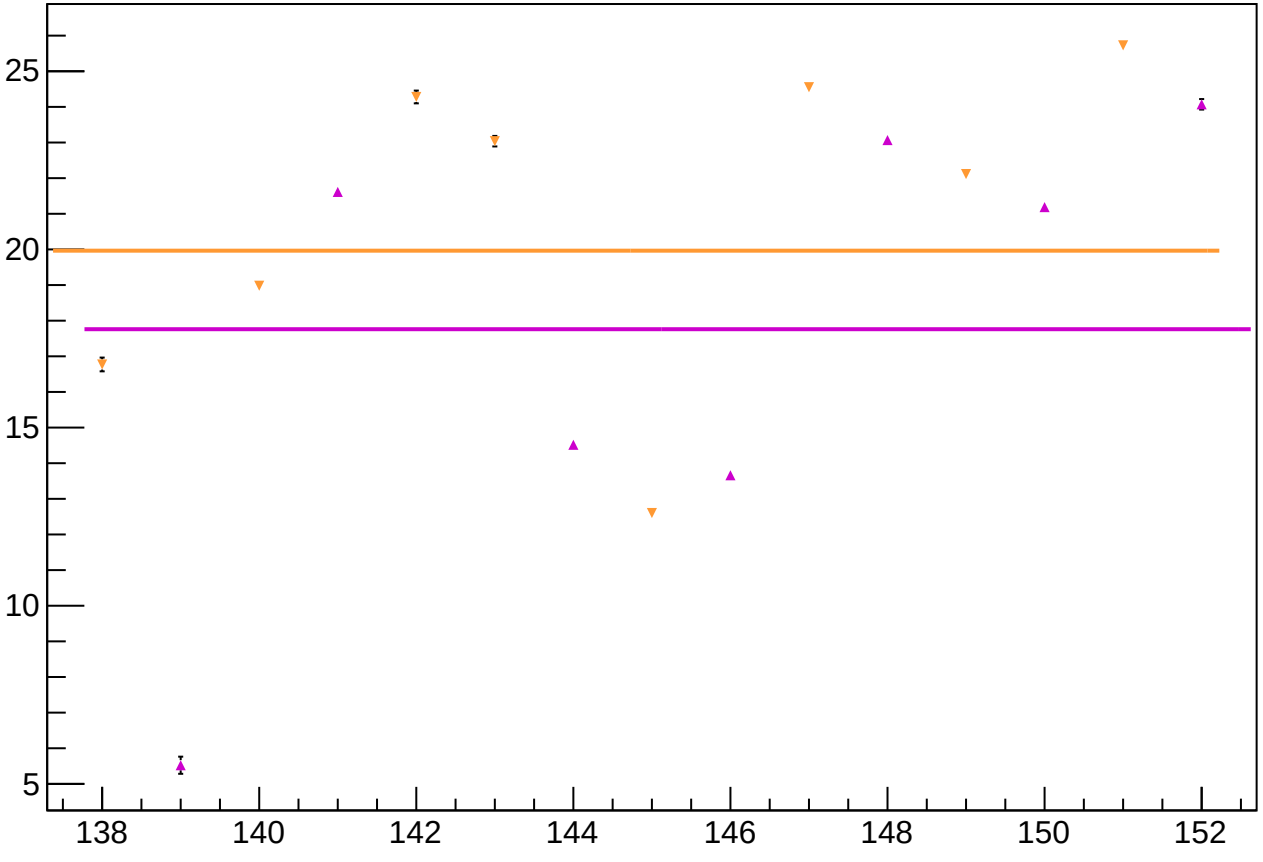
Left In: -8.028+/-0.050 χ^2/NDF:1355.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.509+/-0.036 χ^2/NDF: 3657.4/14

- 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: 19.965+/-0.044 χ^2/NDF:12029.7/7

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

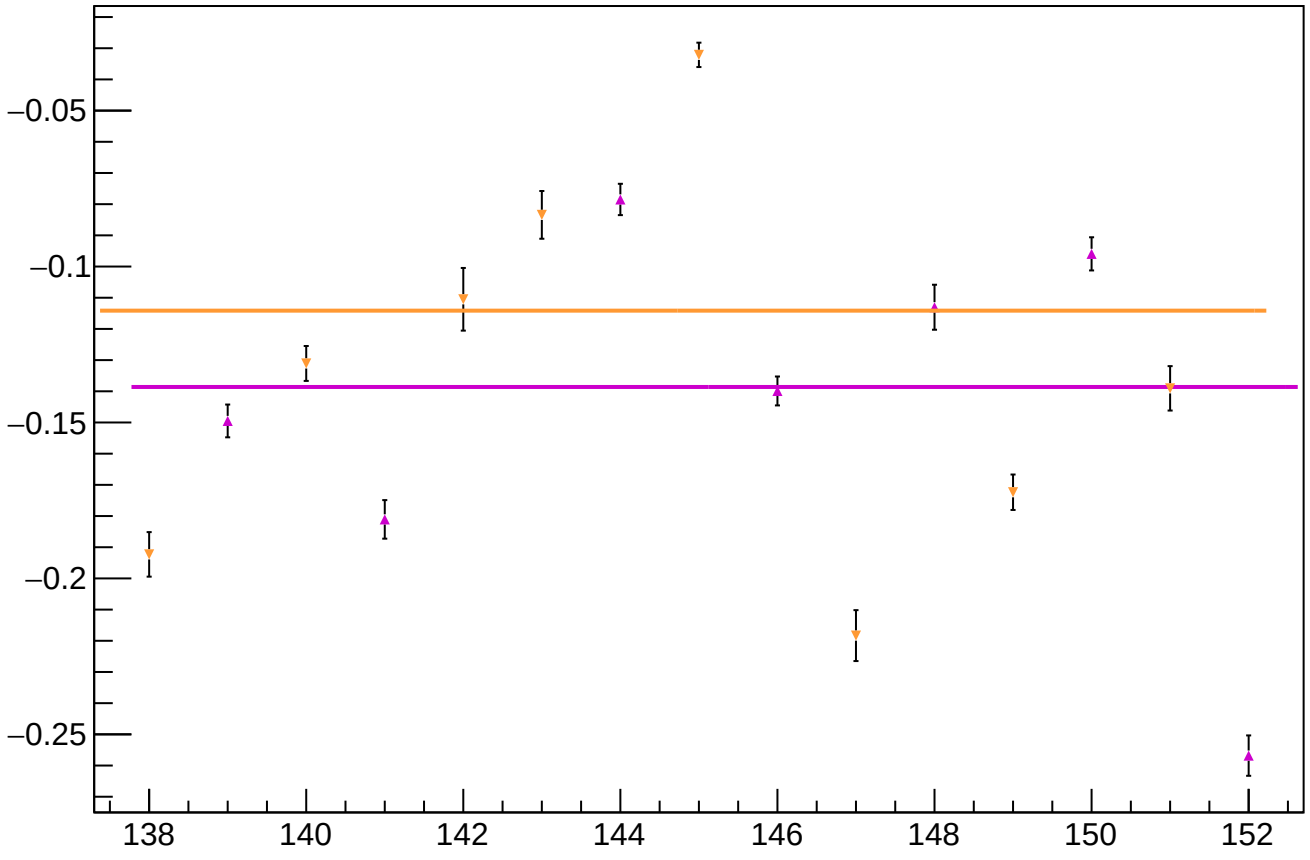
Left In: 17.761+/-0.043 χ^2/NDF:11977.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 18.825+/-0.031 χ^2/NDF: 25287.4/14

- 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: -0.114+/-0.002 χ^2/NDF:865.8/7

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

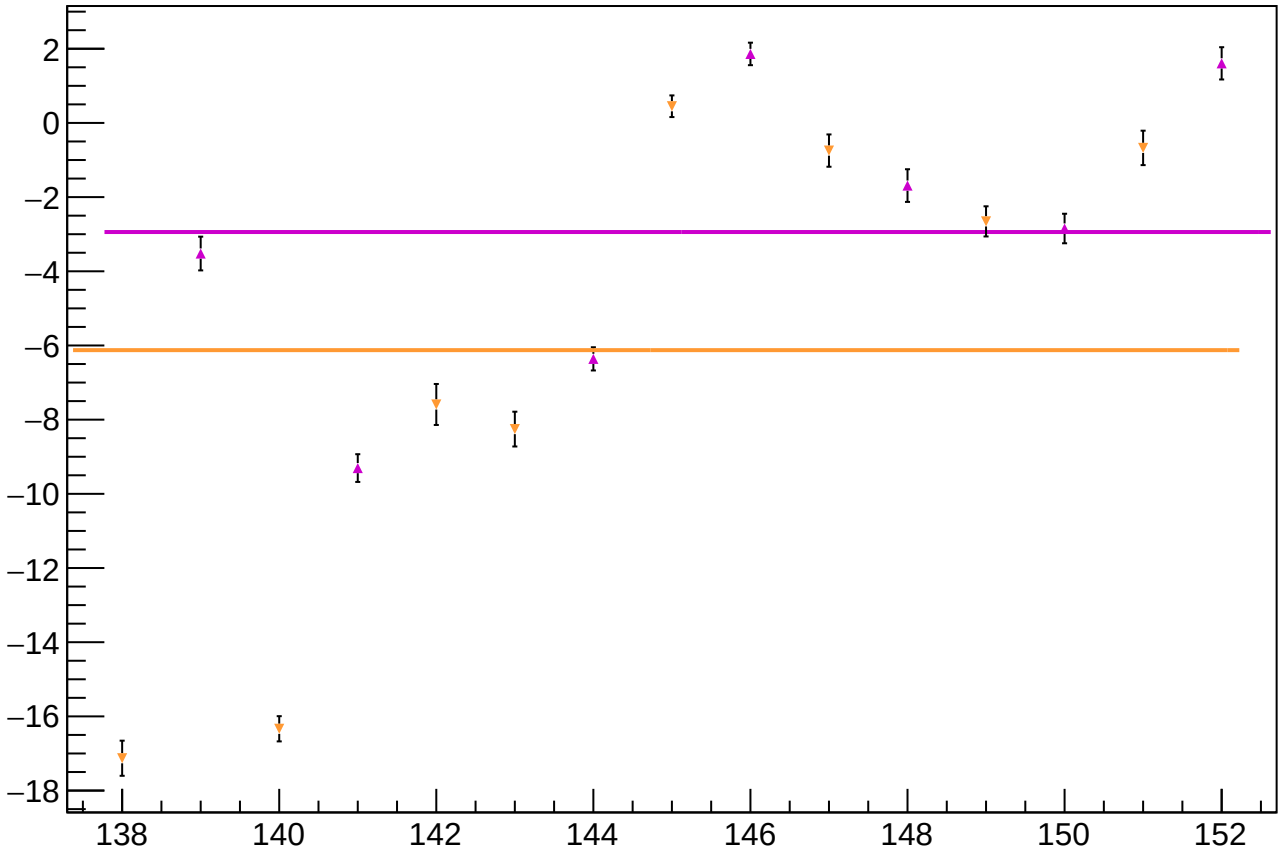
Left In: -0.139+/-0.002 χ^2/NDF:605.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.127+/-0.002 χ^2/NDF: 1536.5/14

- 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: -6.126+/-0.143 χ^2/NDF:2339.6/7

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

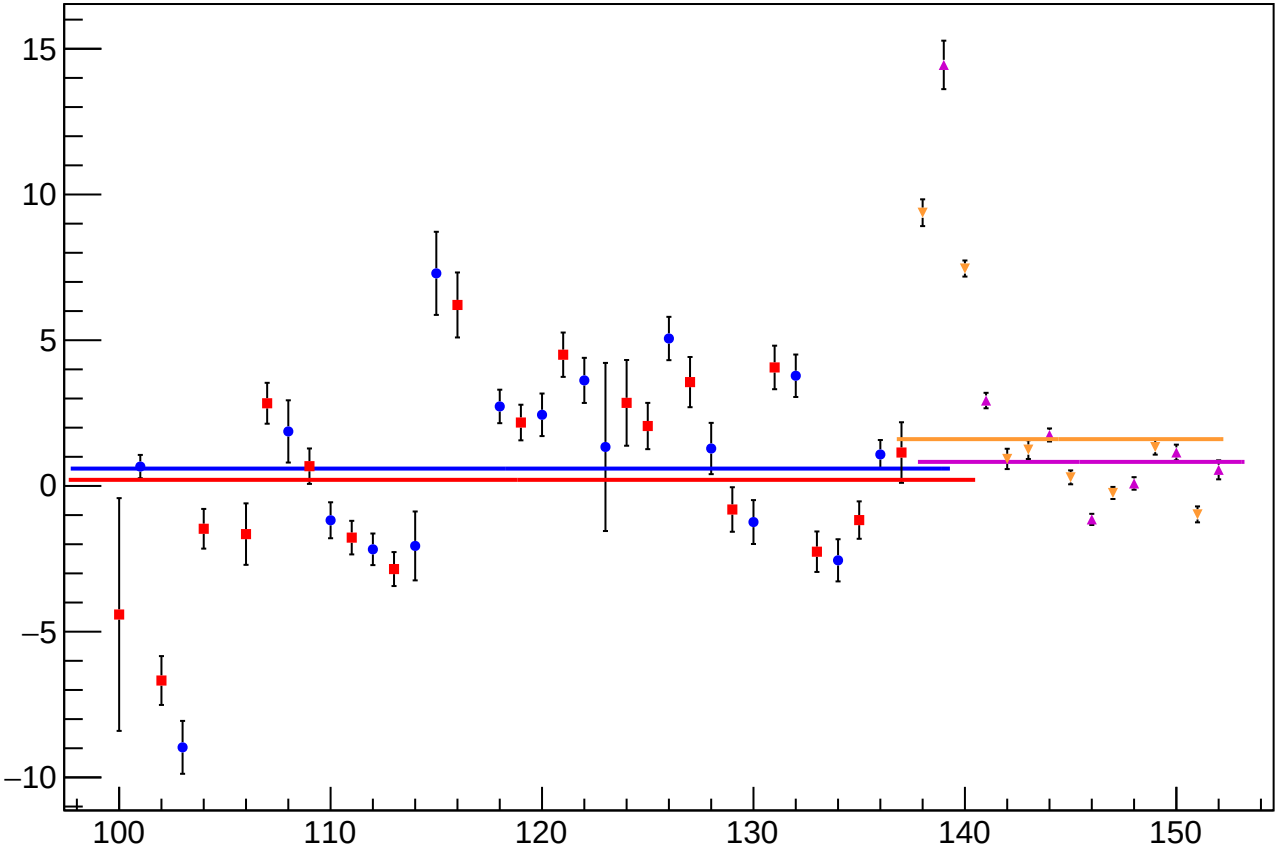
Left In: -2.941+/-0.142 χ^2/NDF:778.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.514+/-0.101 χ^2/NDF: 3367.8/14

- 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: 1.606+/-0.098 χ^2/NDF:939.6/7

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

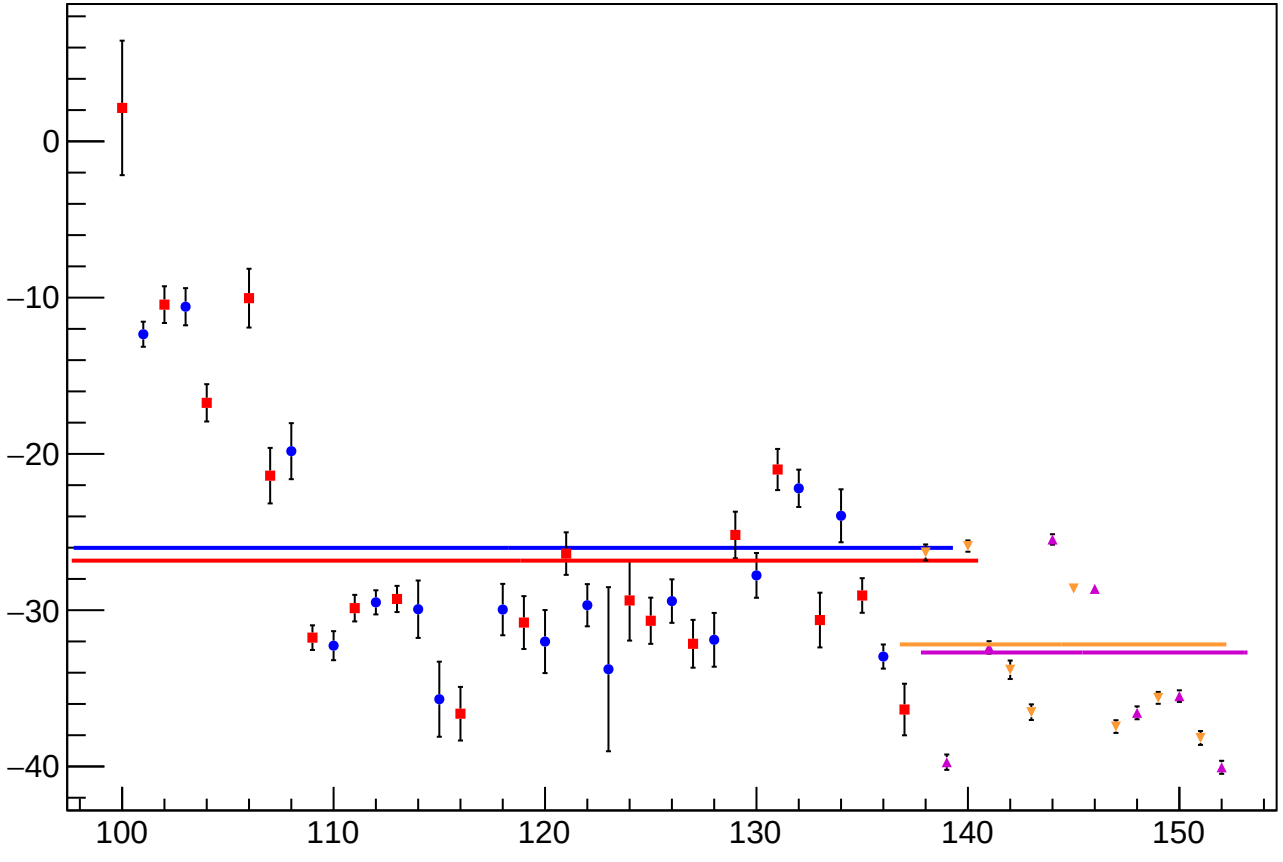
Left In: 0.826+/-0.096 χ^2/NDF:469.1/6

+ sign 1.353+/-0.085 χ^2/NDF: 1257.5/24

All: 1.016+/-0.060 χ^2/NDF: 2041.2/50

- sign 0.682+/-0.084 χ^2/NDF: 752.2/25

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -32.190+/-0.146 χ^2/NDF:1079.8/7

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

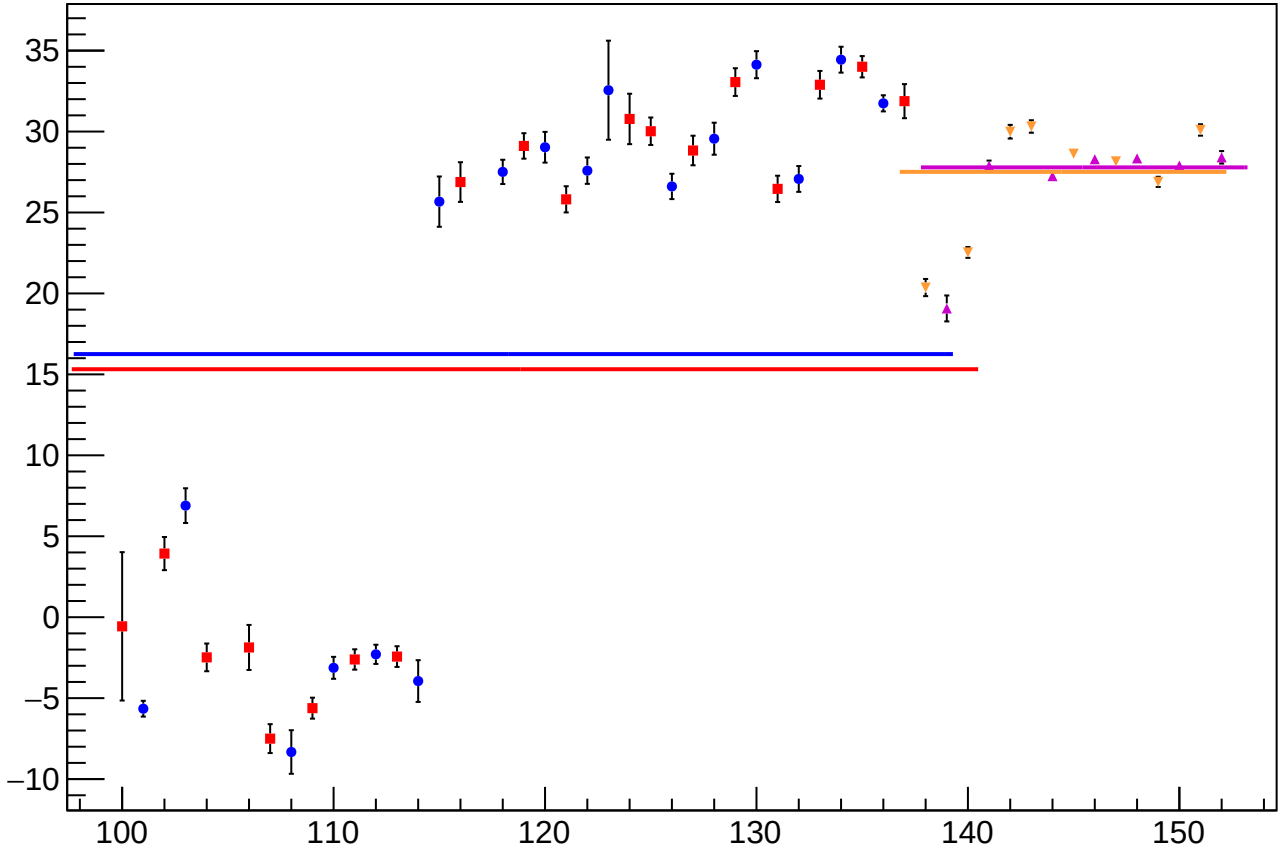
Left In: -32.707+/-0.141 χ^2/NDF:1319.8/6

+ sign -31.001+/-0.131 χ^2/NDF: 2116.2/24

All: -31.321+/-0.092 χ^2/NDF: 4347.5/50

- sign -31.623+/-0.128 χ^2/NDF: 2219.8/25

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 27.510+/-0.121 χ^2/NDF:570.2/7

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

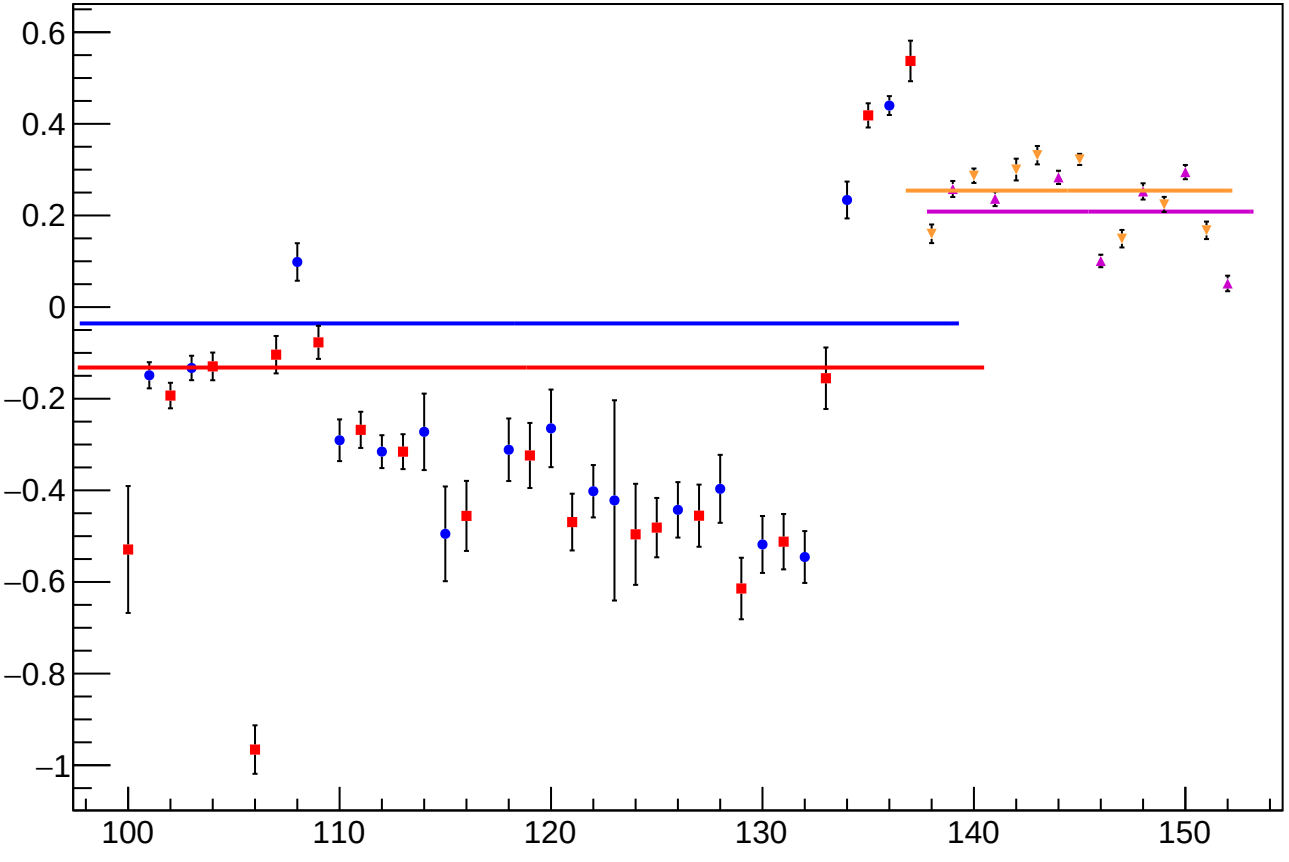
Left In: 27.787+/-0.118 χ^2/NDF:133.0/6

+ sign 24.294+/-0.102 χ^2/NDF: 10662.0/24

All: 24.386+/-0.072 χ^2/NDF: 21019.6/50

- sign 24.477+/-0.102 χ^2/NDF: 10356.0/25

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.254+/-0.006 χ^2/NDF:129.9/7

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

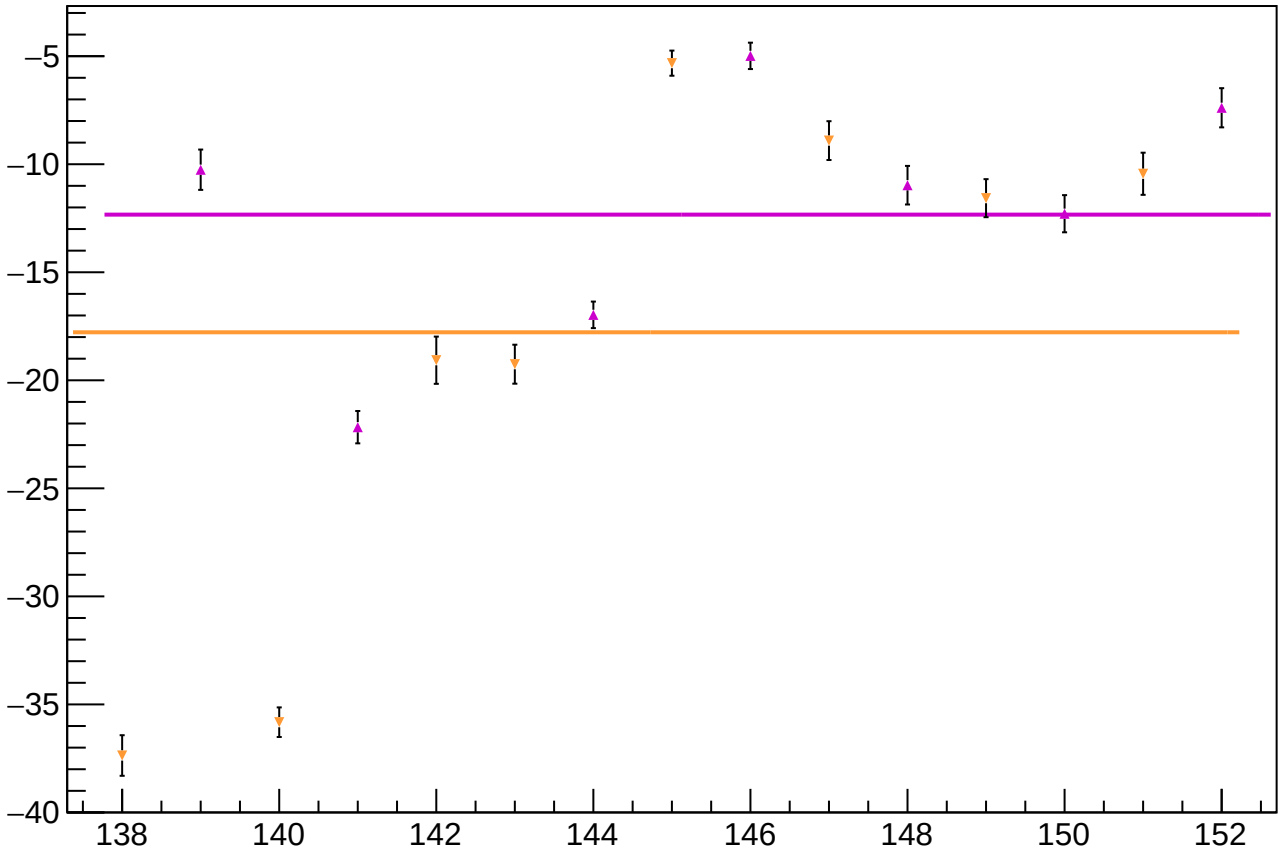
Left In: 0.208+/-0.006 χ^2/NDF:222.1/6

+ sign 0.179+/-0.005 χ^2/NDF: 1728.9/24

All: 0.151+/-0.004 χ^2/NDF: 3988.2/50

- sign 0.124+/-0.005 χ^2/NDF: 2203.6/25

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -17.778+/-0.290 χ^2/NDF:1796.0/7

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

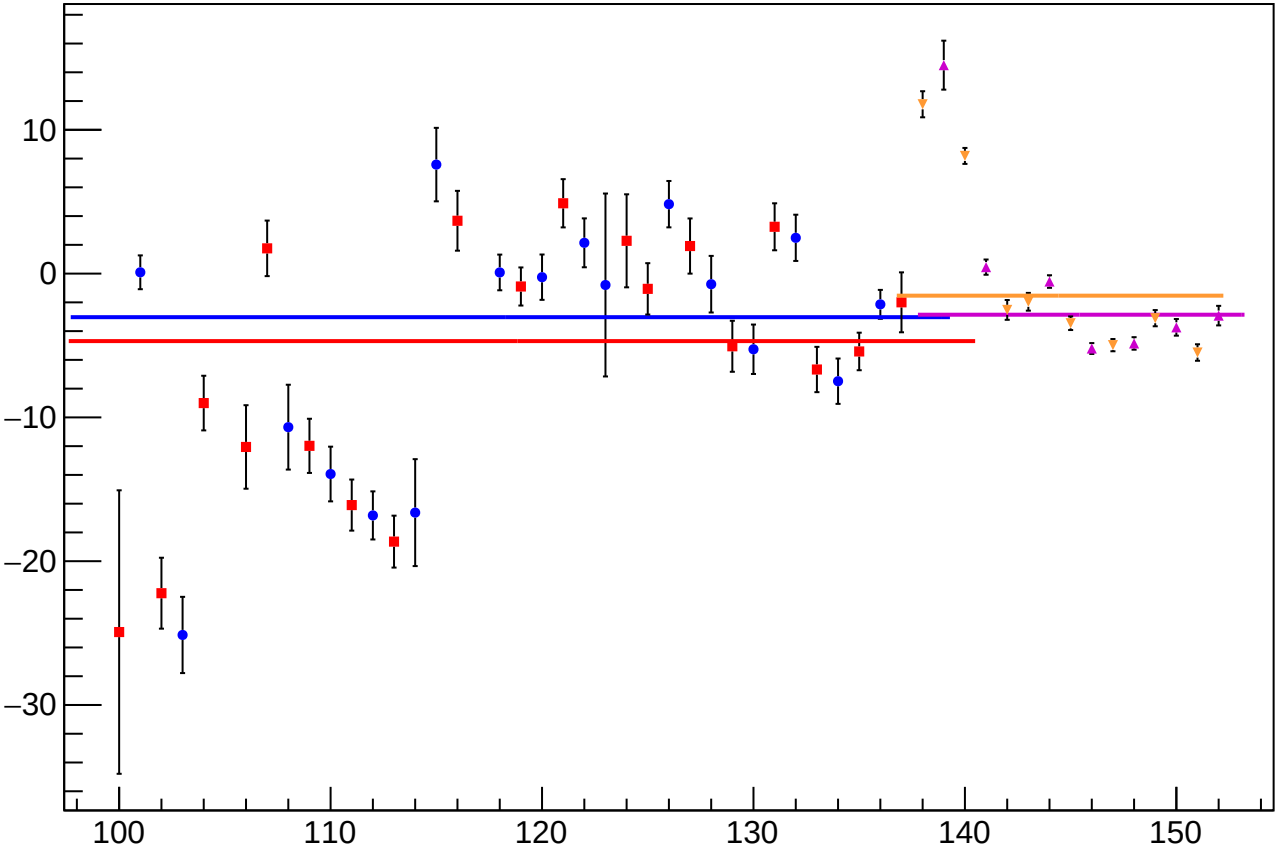
Left In: -12.333+/-0.288 χ^2/NDF:411.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.030+/-0.204 χ^2/NDF: 2385.2/14

- 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: -1.534+/-0.199 χ^2/NDF:661.4/7

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

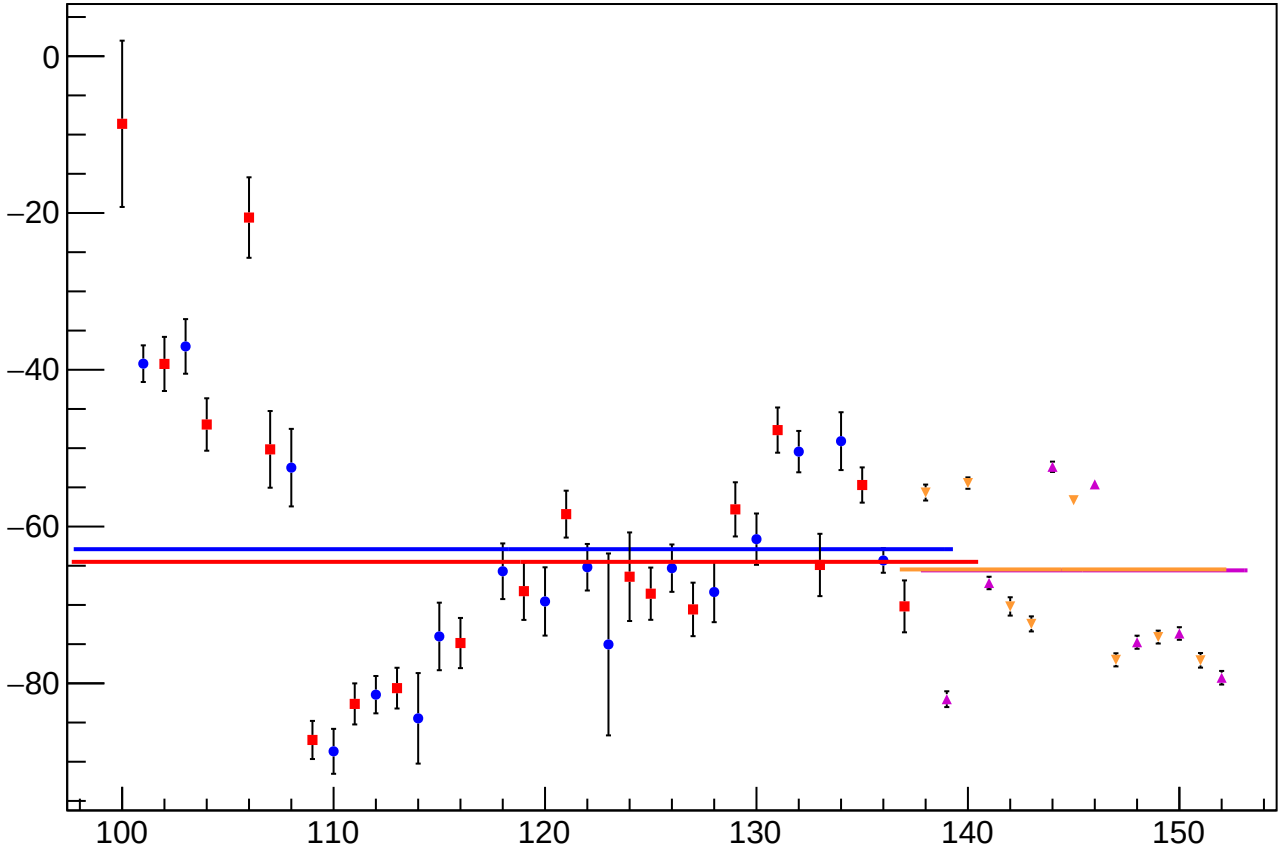
Left In: -2.859+/-0.194 χ^2/NDF:232.8/6

+ sign -1.821+/-0.178 χ^2/NDF: 953.1/24

All: -2.504+/-0.126 χ^2/NDF: 1528.6/50

- sign -3.173+/-0.177 χ^2/NDF: 546.4/25

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -65.471+/-0.297 χ^2/NDF:1047.5/7

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

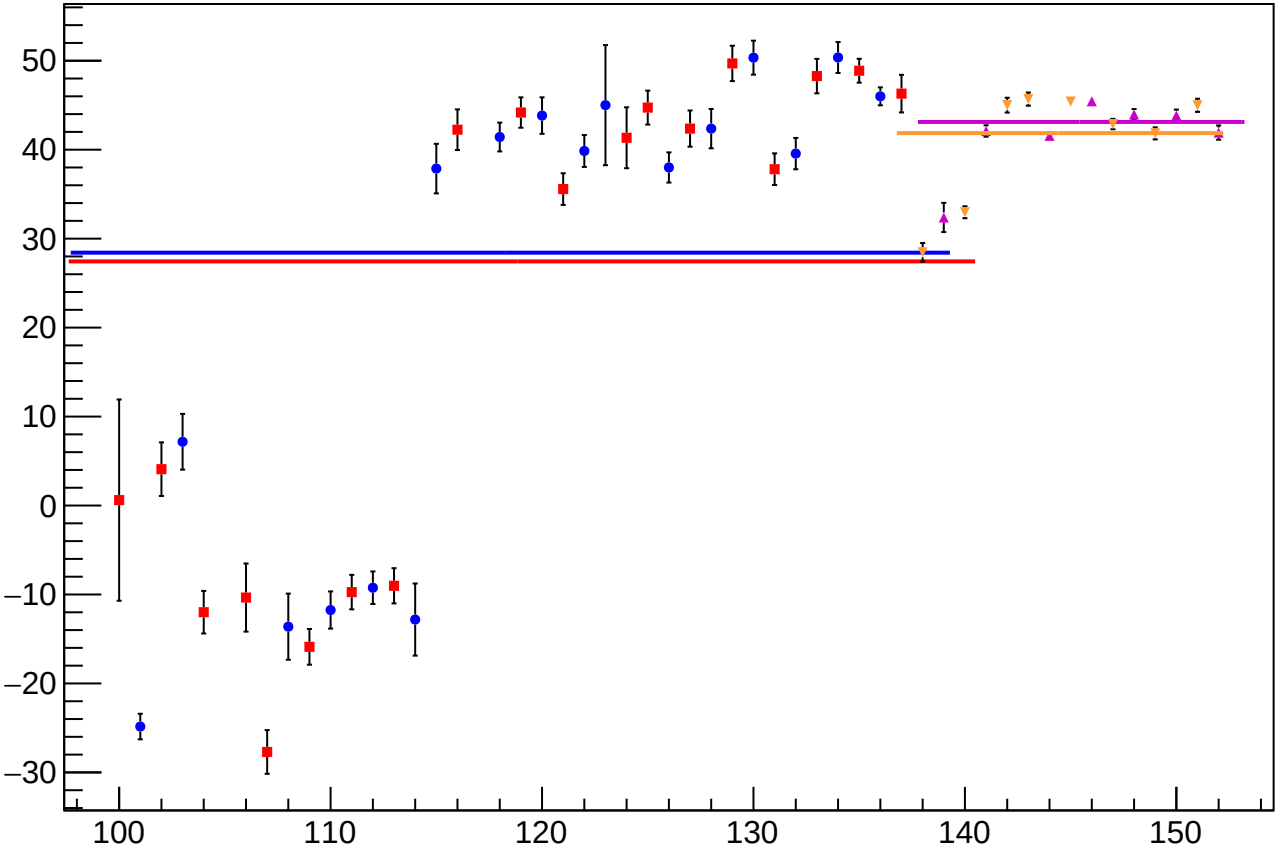
Left In: -65.589+/-0.288 χ^2/NDF:1491.8/6

+ sign -65.110+/-0.276 χ^2/NDF: 1426.8/24

All: -65.284+/-0.192 χ^2/NDF: 3365.3/50

- sign -65.450+/-0.269 χ^2/NDF: 1937.7/25

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 41.866+/-0.245 χ^2/NDF:442.8/7

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

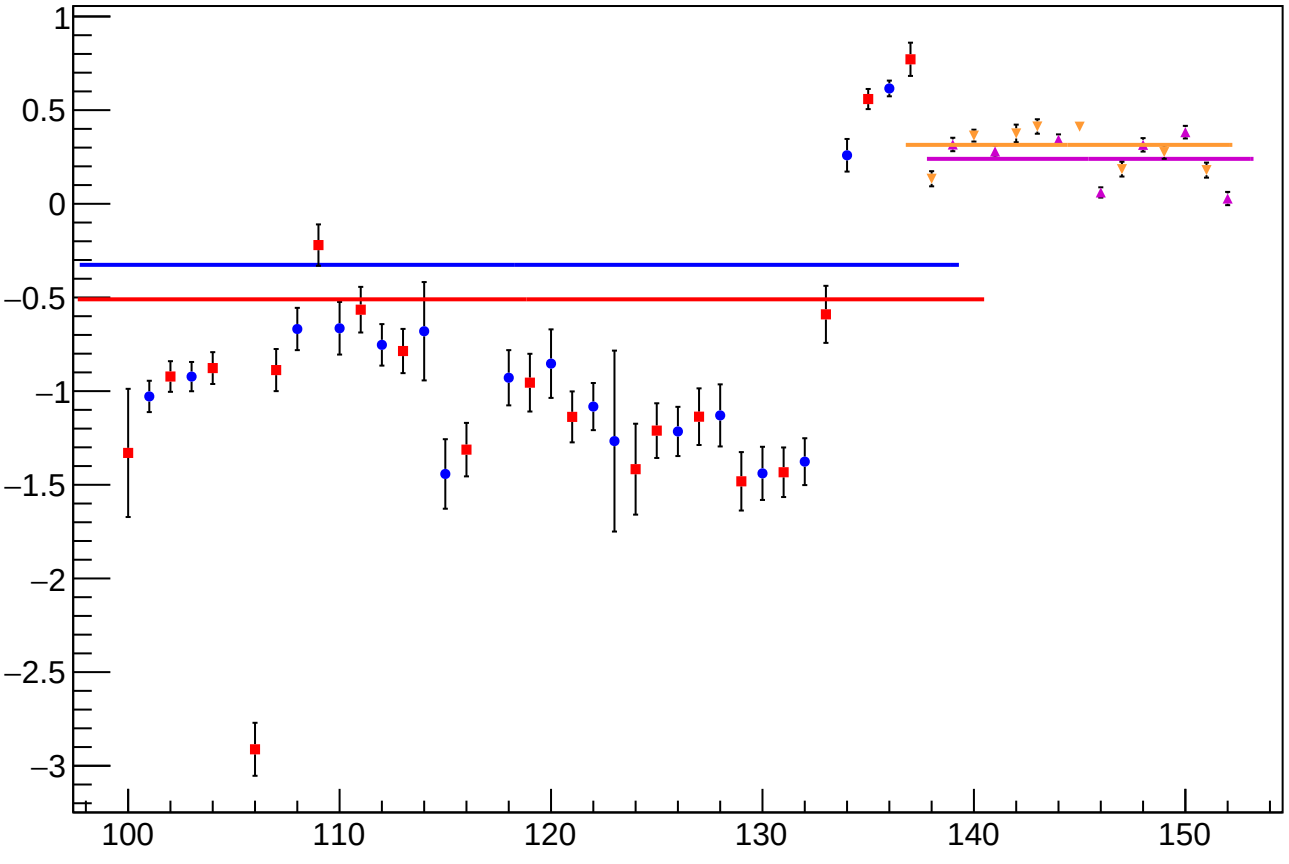
Left In: 43.118+/-0.240 χ^2/NDF:83.5/6

+ sign 38.861+/-0.216 χ^2/NDF: 4444.4/24

All: 39.423+/-0.152 χ^2/NDF: 8432.1/50

- sign 39.976+/-0.214 χ^2/NDF: 3974.2/25

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.315+/-0.012 χ^2/NDF:69.9/7

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

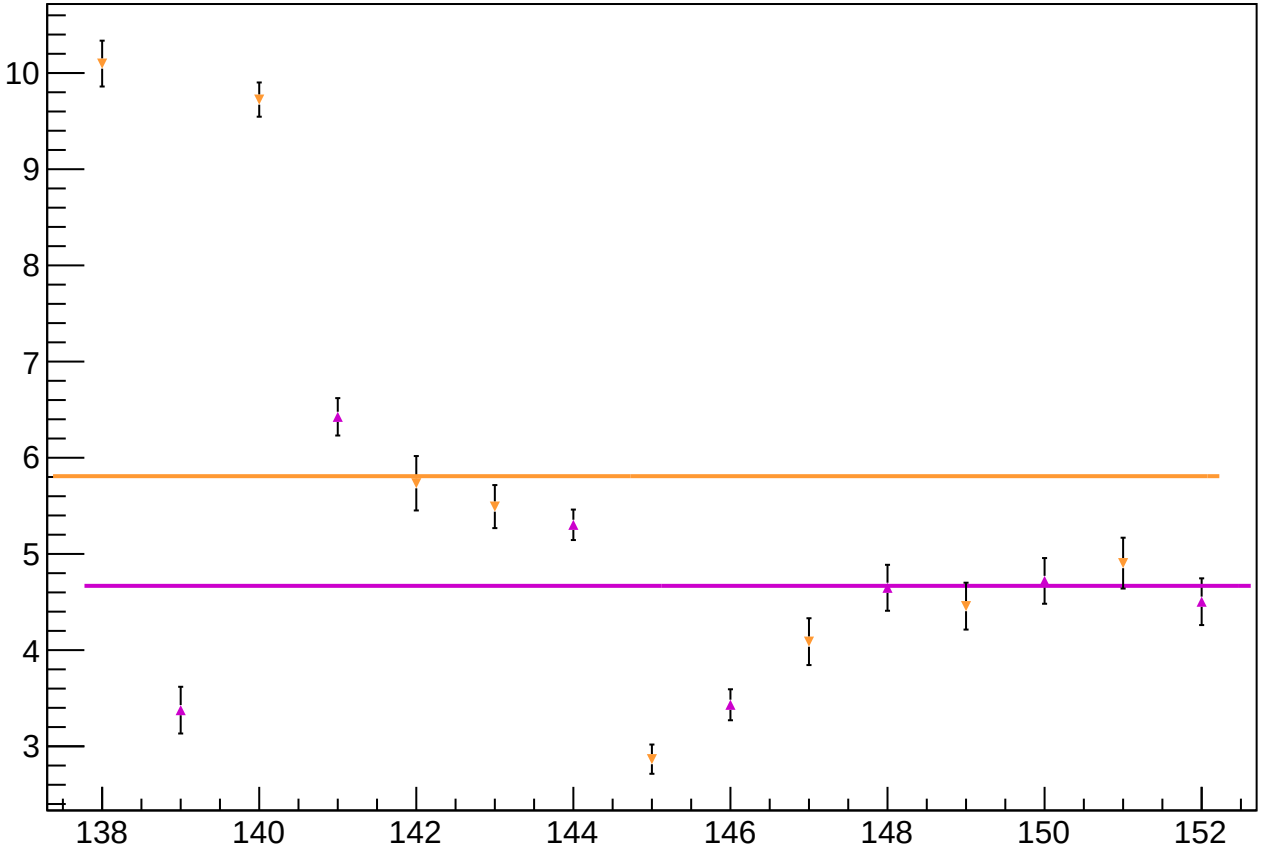
Left In: 0.240+/-0.012 χ^2/NDF:119.8/6

+ sign 0.187+/-0.011 χ^2/NDF: 1612.6/24

All: 0.144+/-0.008 χ^2/NDF: 3626.4/50

- sign 0.103+/-0.011 χ^2/NDF: 1984.8/25

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: 5.808+/-0.076 χ^2/NDF:1276.1/7

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

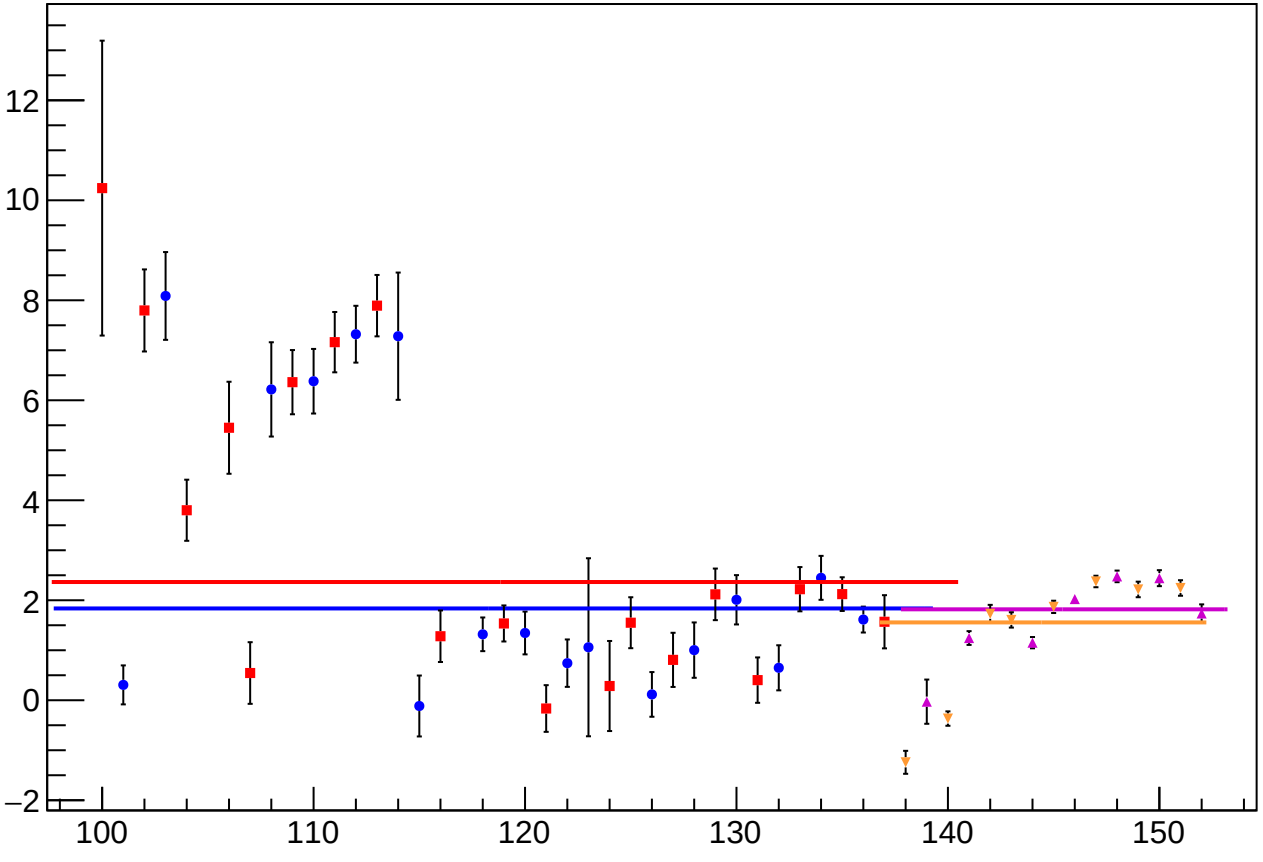
Left In: 4.668+/-0.076 χ^2/NDF:185.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.237+/-0.054 χ^2/NDF: 1574.3/14

- 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: 1.557+/-0.052 χ^2/NDF:421.8/7

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

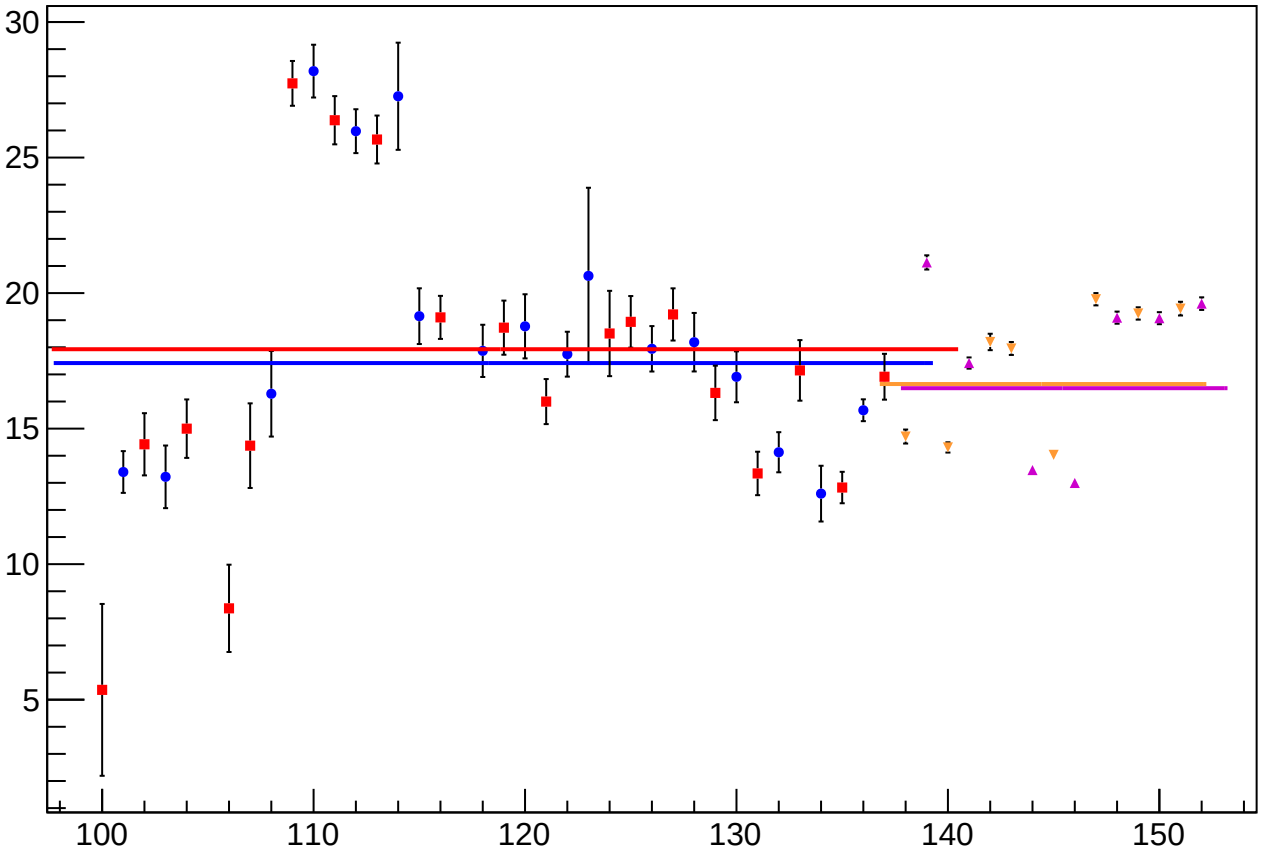
Left In: 1.819+/-0.051 χ^2/NDF:121.8/6

+ sign 1.604+/-0.048 χ^2/NDF: 721.5/24

All: 1.753+/-0.034 χ^2/NDF: 1216.0/50

- sign 1.899+/-0.047 χ^2/NDF: 475.1/25

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: 16.645+/-0.078 χ^2/NDF:966.9/7

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

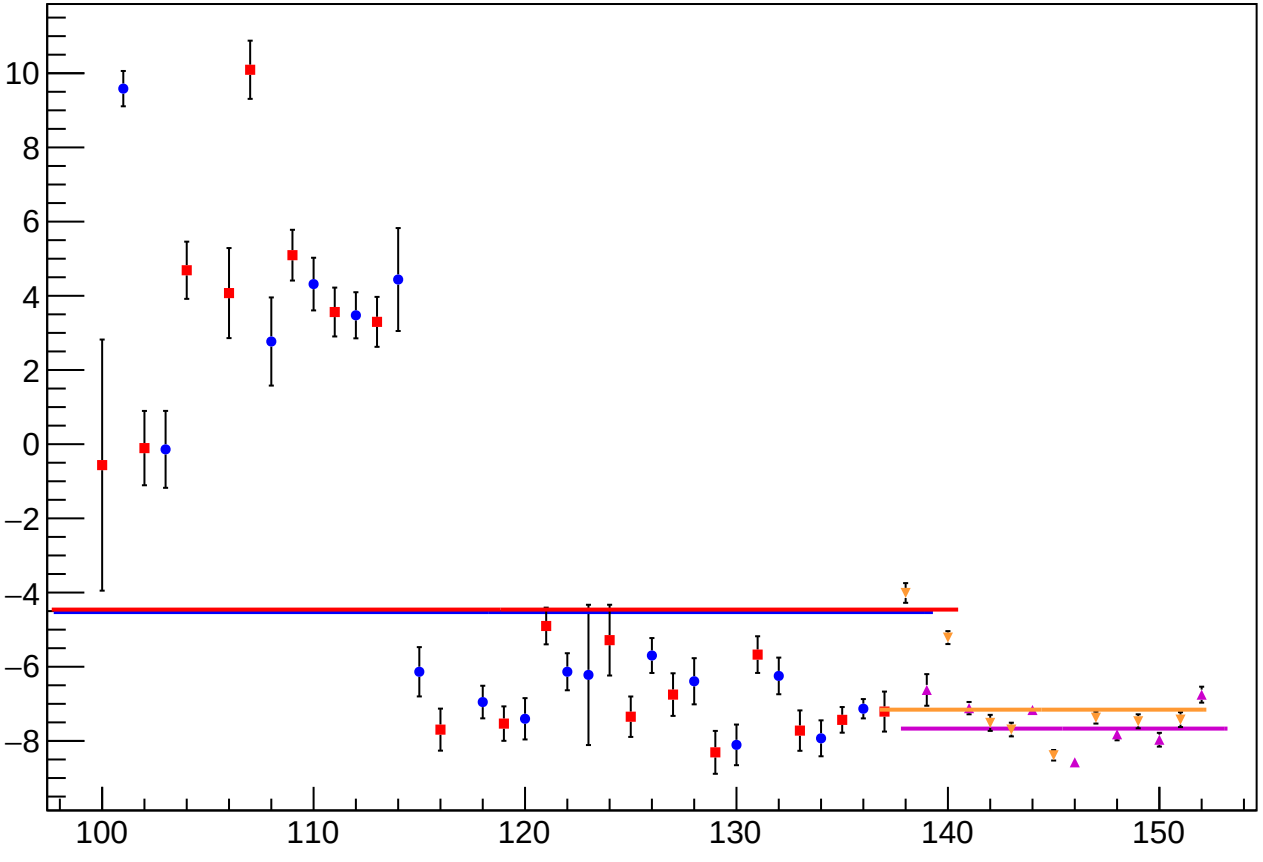
Left In: 16.492+/-0.076 χ^2/NDF:1610.7/6

+ sign 16.738+/-0.073 χ^2/NDF: 1345.5/24

All: 16.691+/-0.051 χ^2/NDF: 3501.8/50

- sign 16.646+/-0.072 χ^2/NDF: 2155.5/25

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: -7.157+/-0.065 χ^2/NDF:356.8/7

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

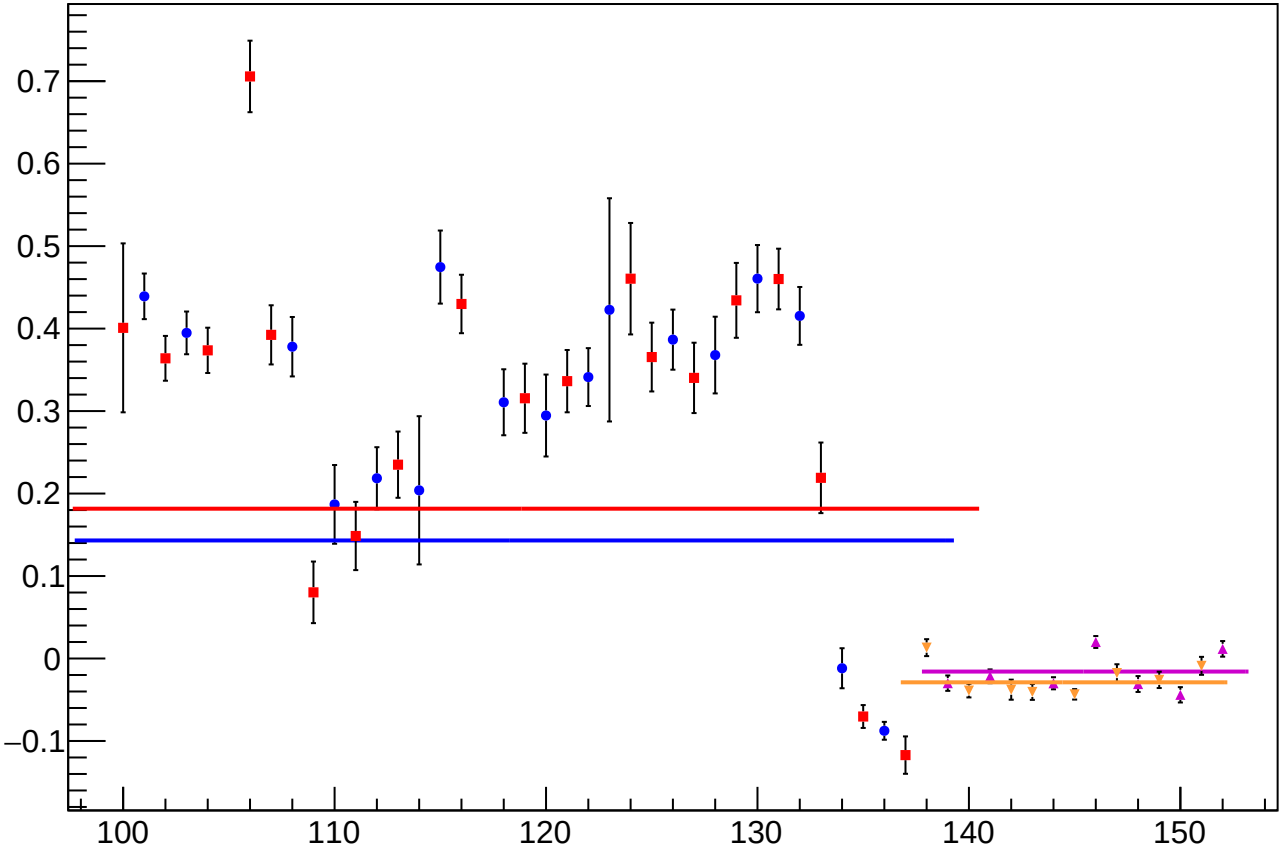
Left In: -7.668+/-0.063 χ^2/NDF:106.2/6

+ sign -6.633+/-0.058 χ^2/NDF: 2277.5/24

All: -6.871+/-0.041 χ^2/NDF: 4208.9/50

- sign -7.105+/-0.057 χ^2/NDF: 1897.7/25

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: -0.029+/-0.003 χ^2/NDF:30.1/7

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

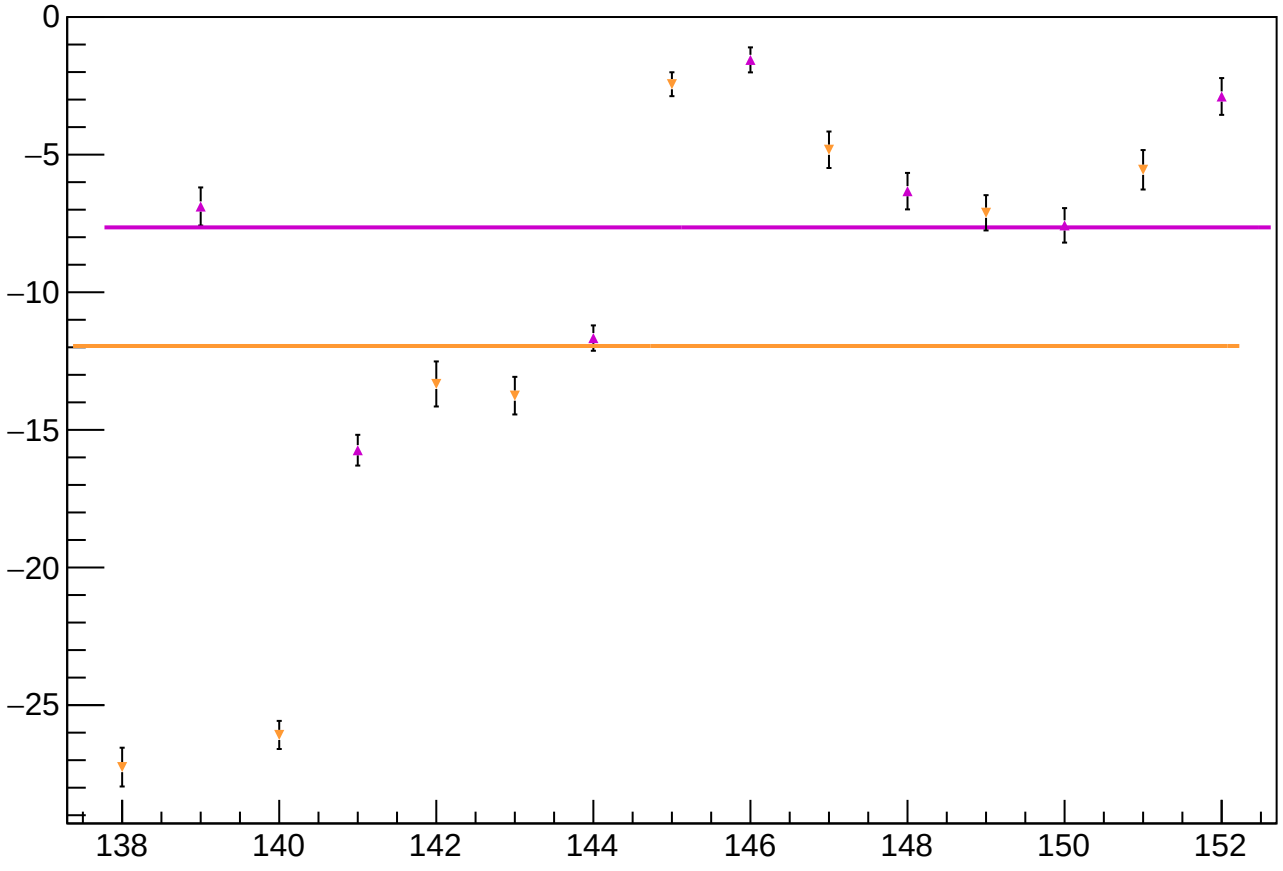
Left In: -0.016+/-0.003 χ^2/NDF:51.3/6

+ sign 0.001+/-0.003 χ^2/NDF: 1580.6/24

All: 0.009+/-0.002 χ^2/NDF: 3252.3/50

- sign 0.016+/-0.003 χ^2/NDF: 1660.3/25

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -11.952+/-0.216 χ^2/NDF:1979.9/7

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

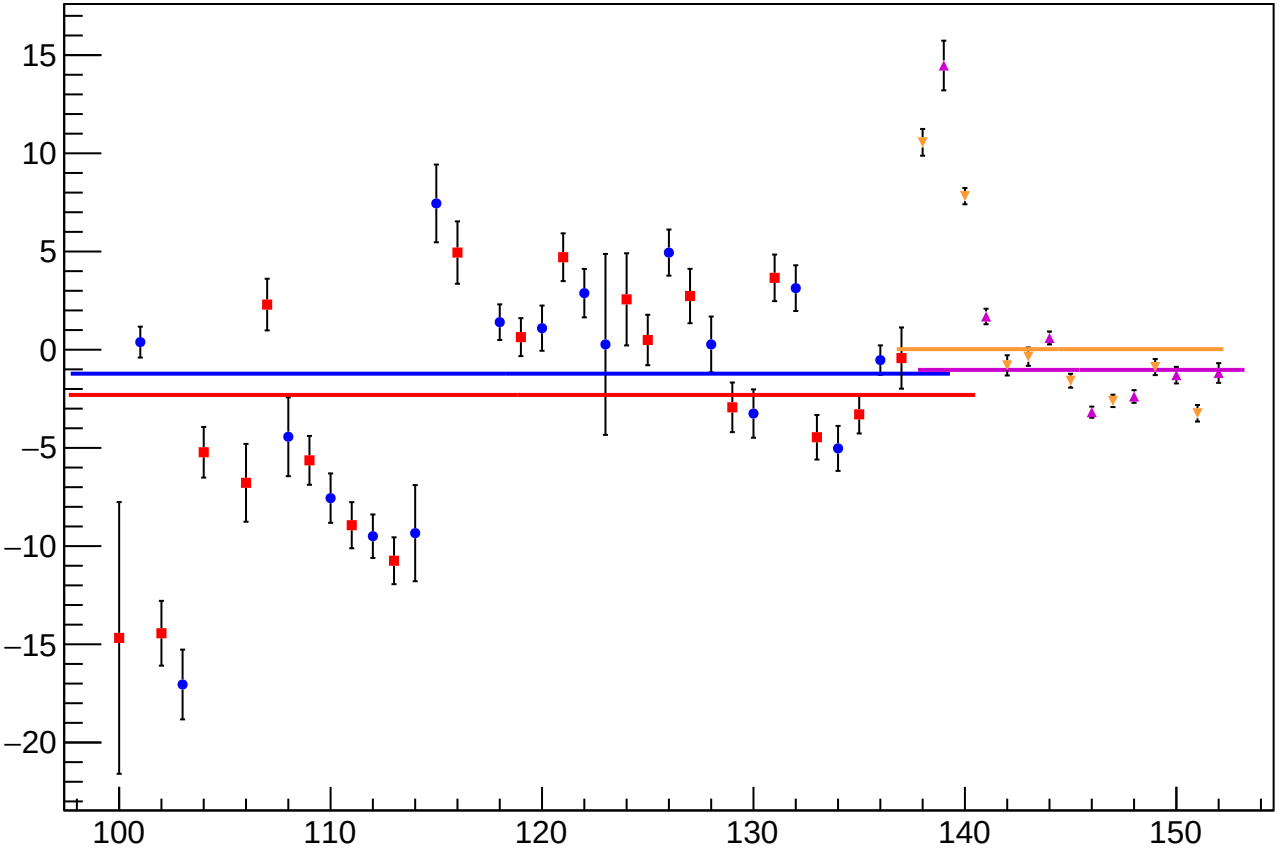
Left In: -7.643+/-0.214 χ^2/NDF:521.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.775+/-0.152 χ^2/NDF: 2702.4/14

- 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: 0.029+/-0.147 χ^2/NDF:751.9/7

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

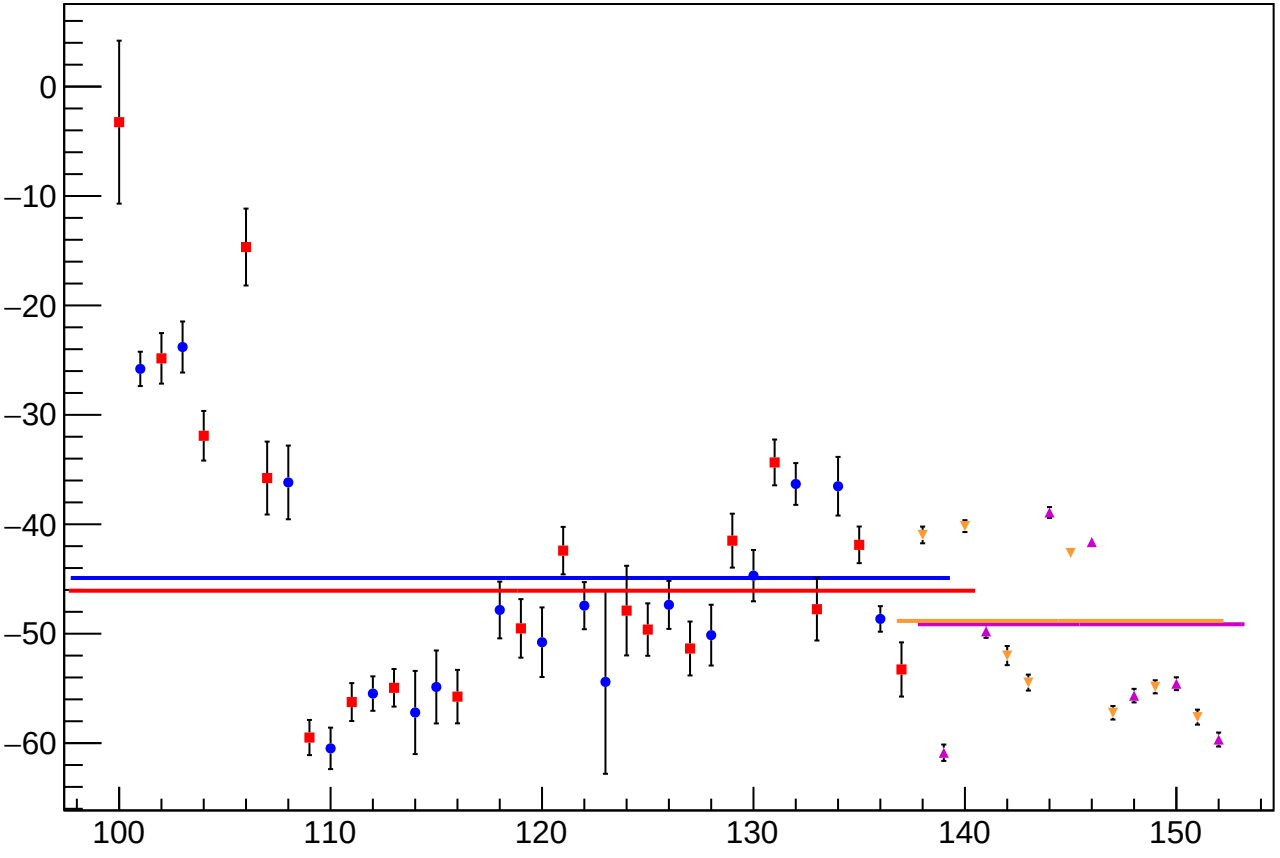
Left In: -1.027+/-0.144 χ^2/NDF:297.9/6

+ sign -0.228+/-0.131 χ^2/NDF: 1045.2/24

All: -0.750+/-0.093 χ^2/NDF: 1675.2/50

- sign -1.263+/-0.130 χ^2/NDF: 598.6/25

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -48.834+/-0.221 χ^2/NDF:1064.1/7

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

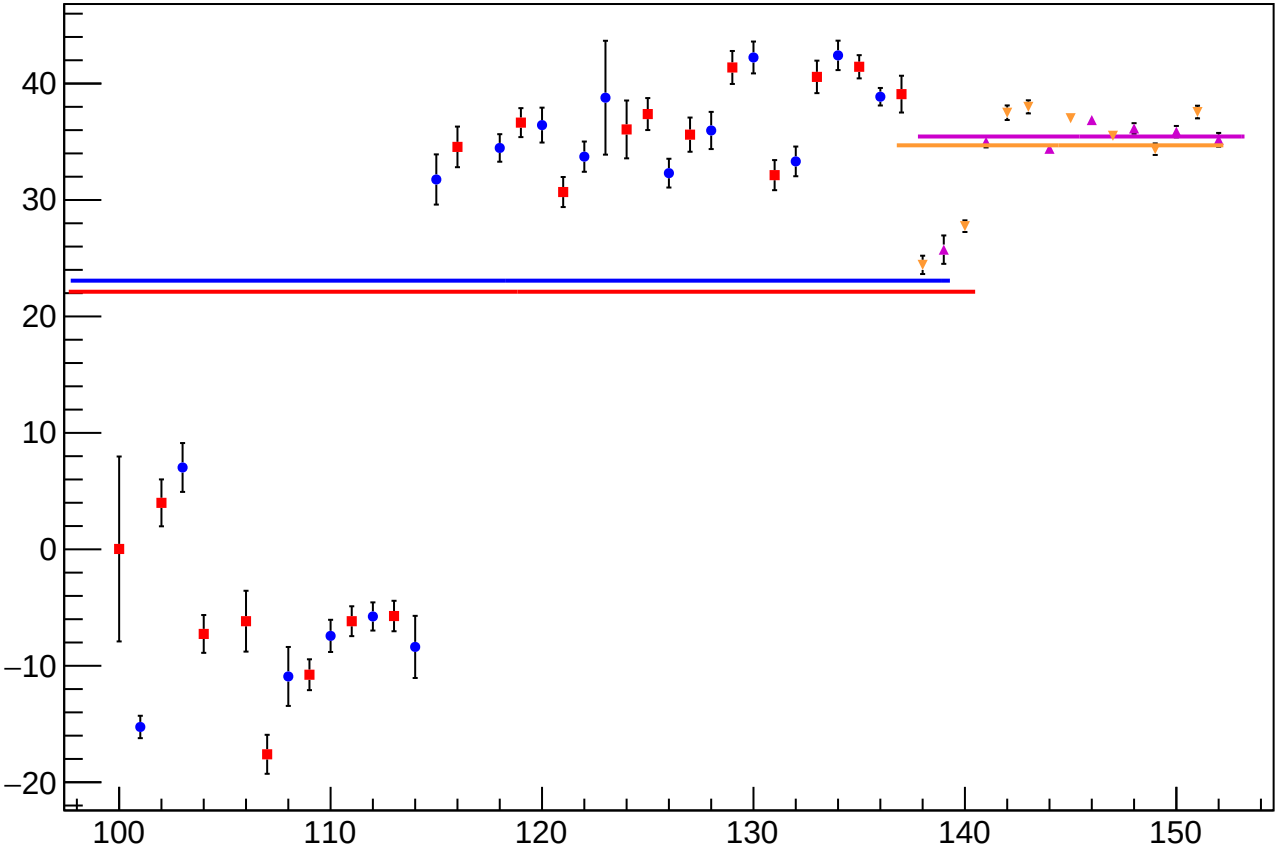
Left In: -49.137+/-0.214 χ^2/NDF:1438.5/6

+ sign -48.239+/-0.203 χ^2/NDF: 1533.1/24

All: -48.479+/-0.142 χ^2/NDF: 3457.3/50

- sign -48.706+/-0.198 χ^2/NDF: 1921.4/25

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 34.695+/-0.182 χ^2/NDF:480.9/7

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

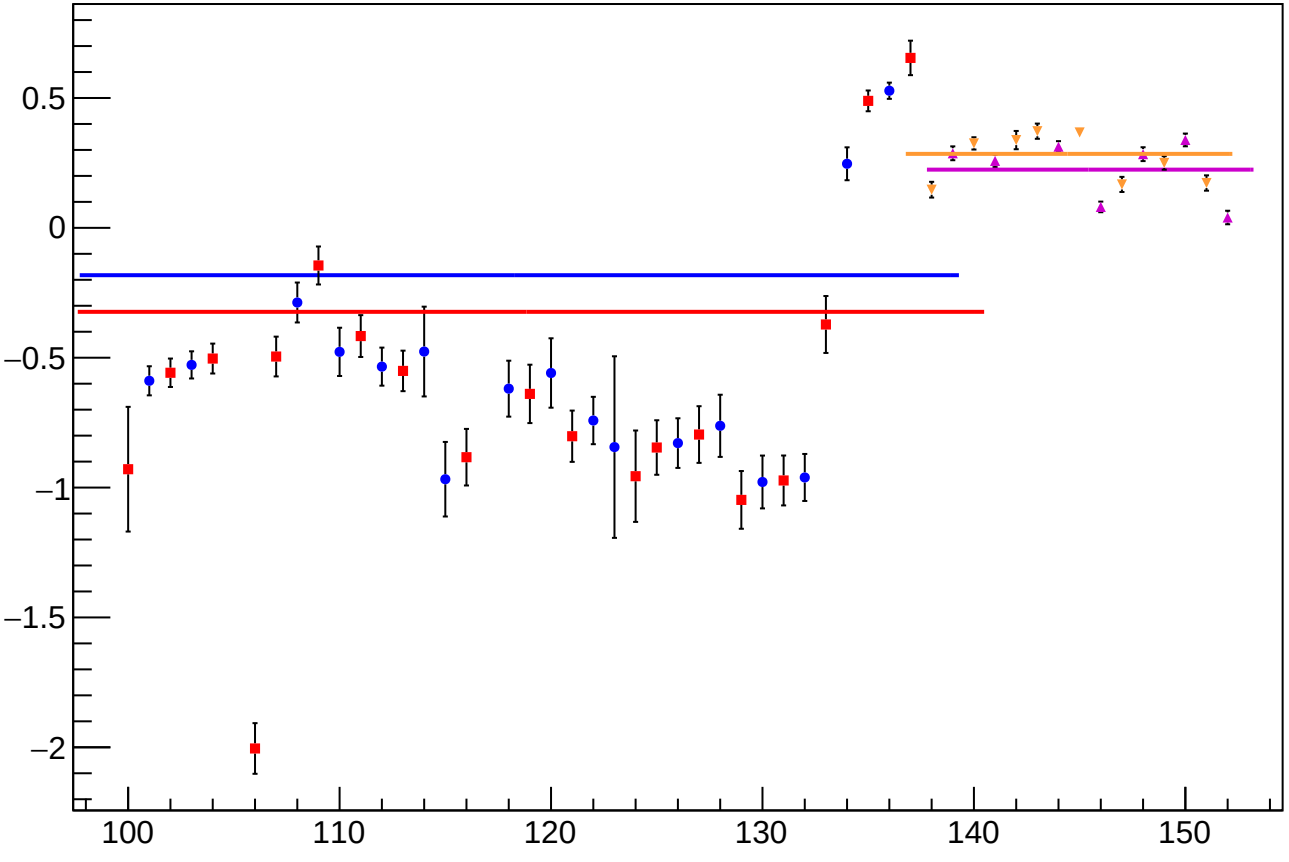
Left In: 35.452+/-0.178 χ^2/NDF:90.9/6

+ sign 31.928+/-0.159 χ^2/NDF: 5795.2/24

All: 32.255+/-0.112 χ^2/NDF: 11135.4/50

- sign 32.578+/-0.158 χ^2/NDF: 5331.8/25

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.285+/-0.009 χ^2/NDF:88.2/7

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

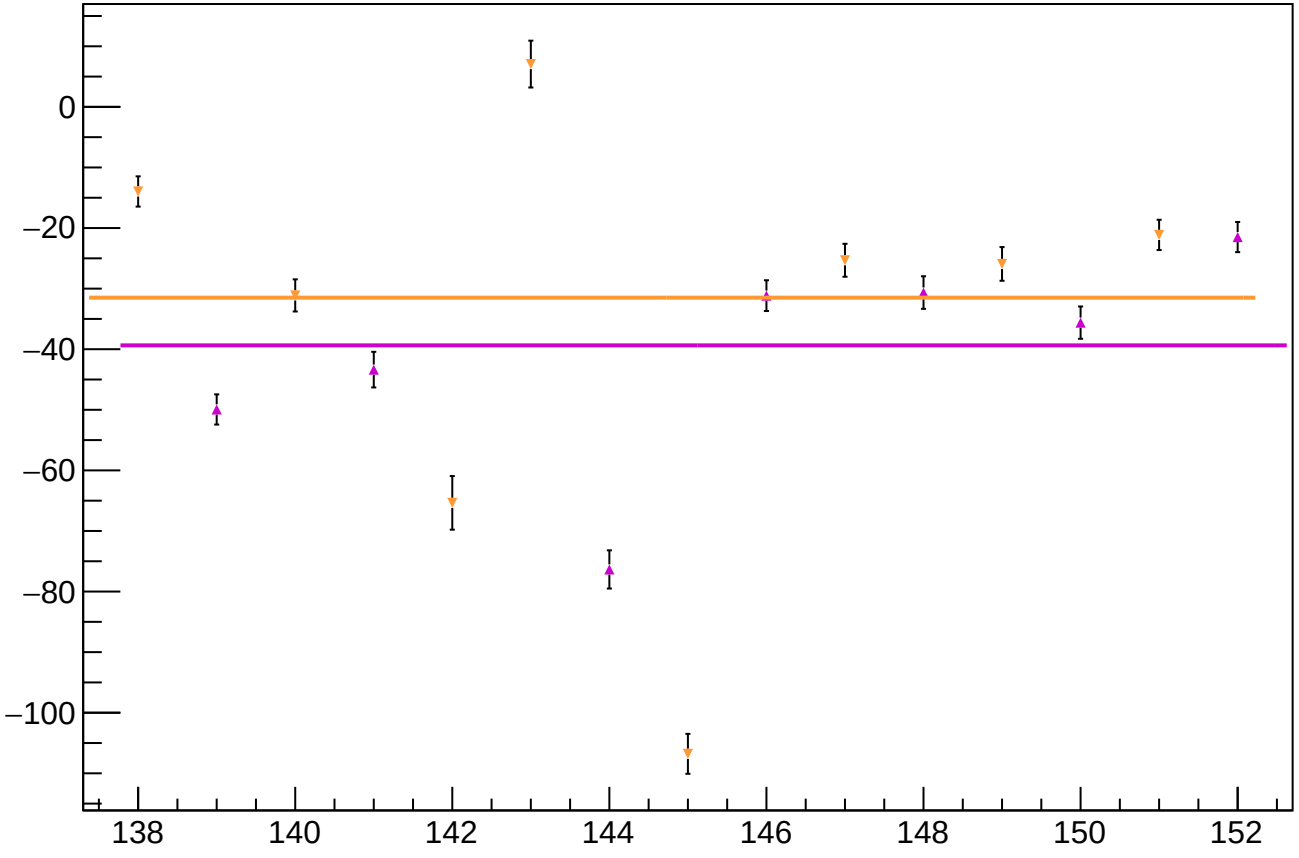
Left In: 0.224+/-0.009 χ^2/NDF:150.7/6

+ sign 0.185+/-0.008 χ^2/NDF: 1632.4/24

All: 0.150+/-0.006 χ^2/NDF: 3732.6/50

- sign 0.116+/-0.008 χ^2/NDF: 2063.9/25

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -31.490+/-1.033 χ^2/NDF:755.4/7

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

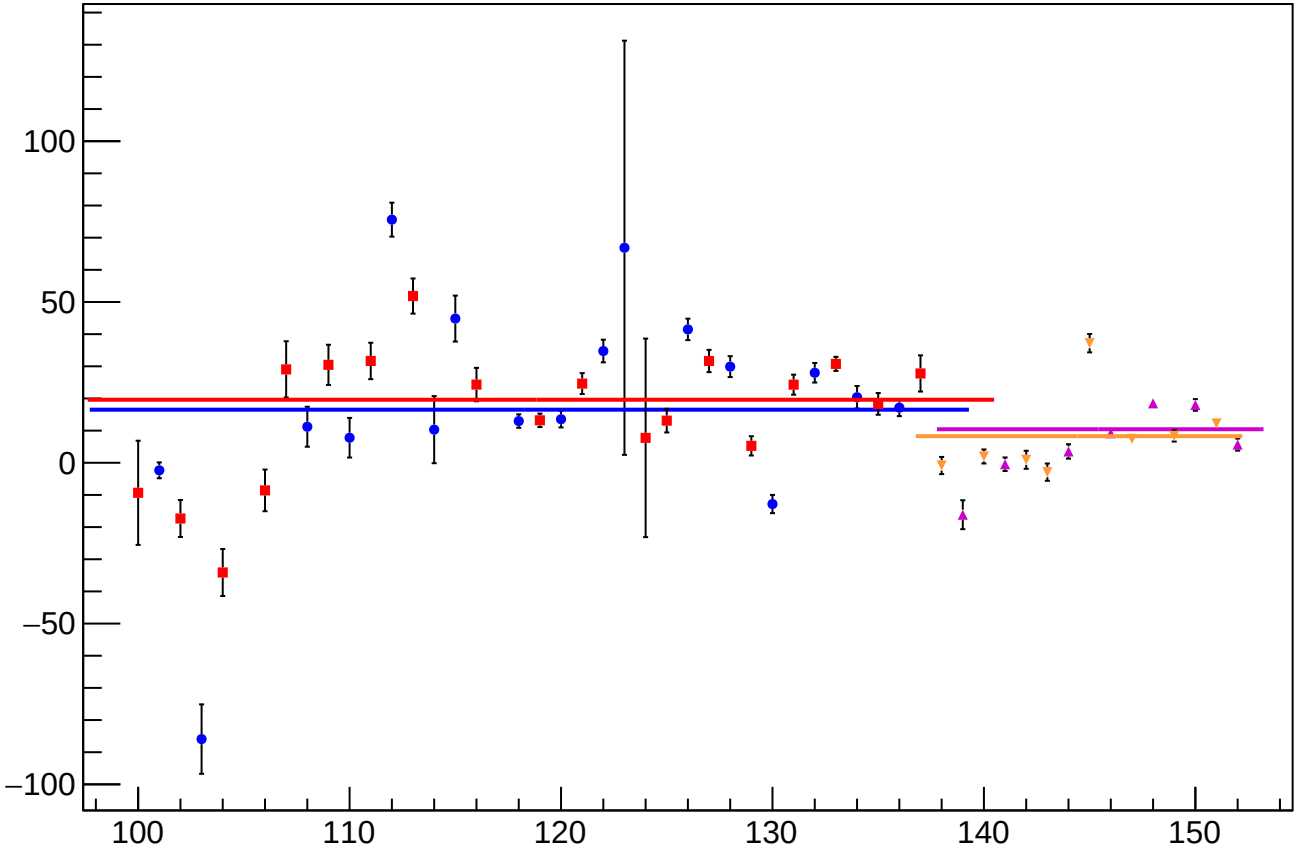
Left In: -39.364+/-1.014 χ^2/NDF:231.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.499+/-0.724 χ^2/NDF: 1016.9/14

- 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: 8.269+/-0.682 χ^2/NDF:154.7/7

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

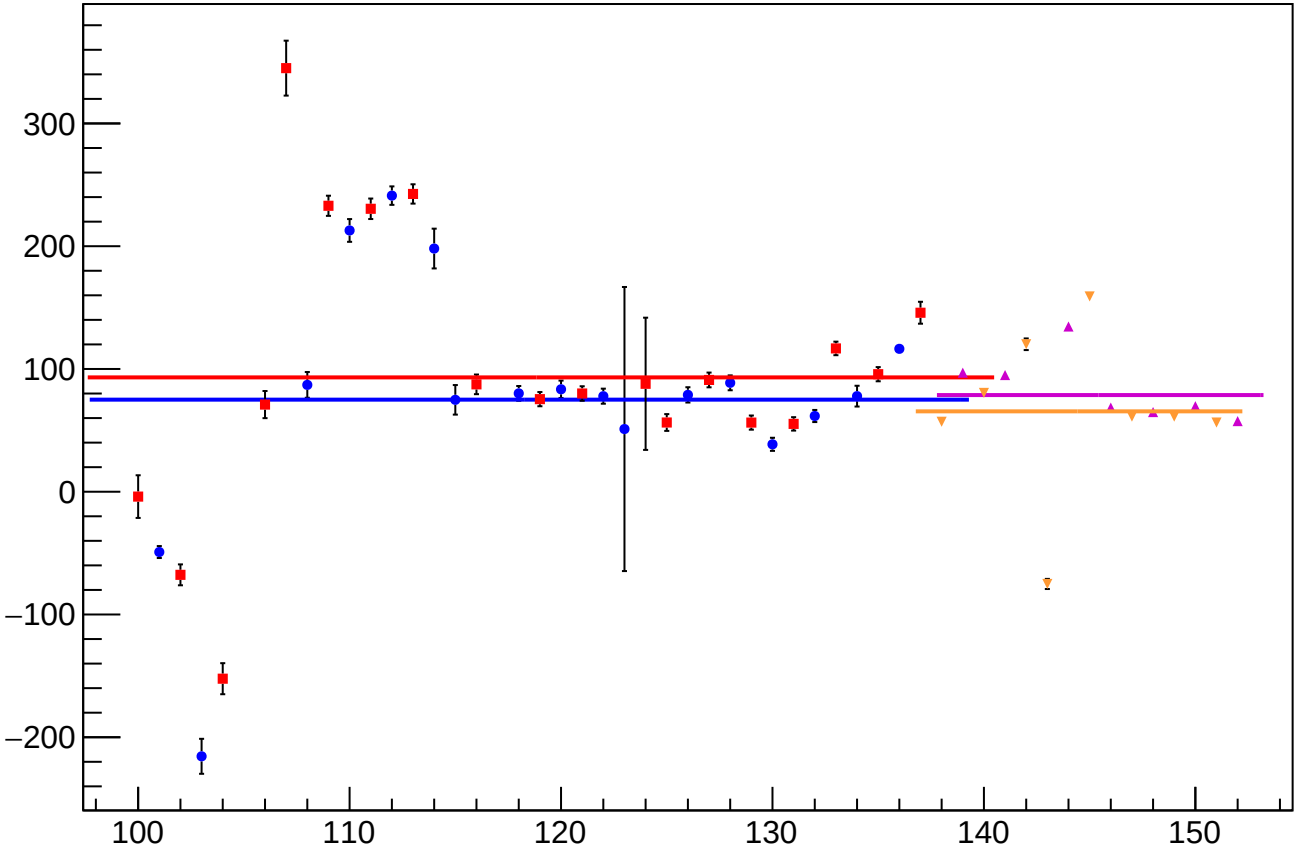
Left In: 10.429+/-0.690 χ^2/NDF:133.6/6

+ sign 11.510+/-0.531 χ^2/NDF: 731.8/24

All: 12.638+/-0.381 χ^2/NDF: 1182.2/50

- sign 13.833+/-0.547 χ^2/NDF: 441.1/25

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 65.479+/-1.038 χ^2/NDF:2100.3/7

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

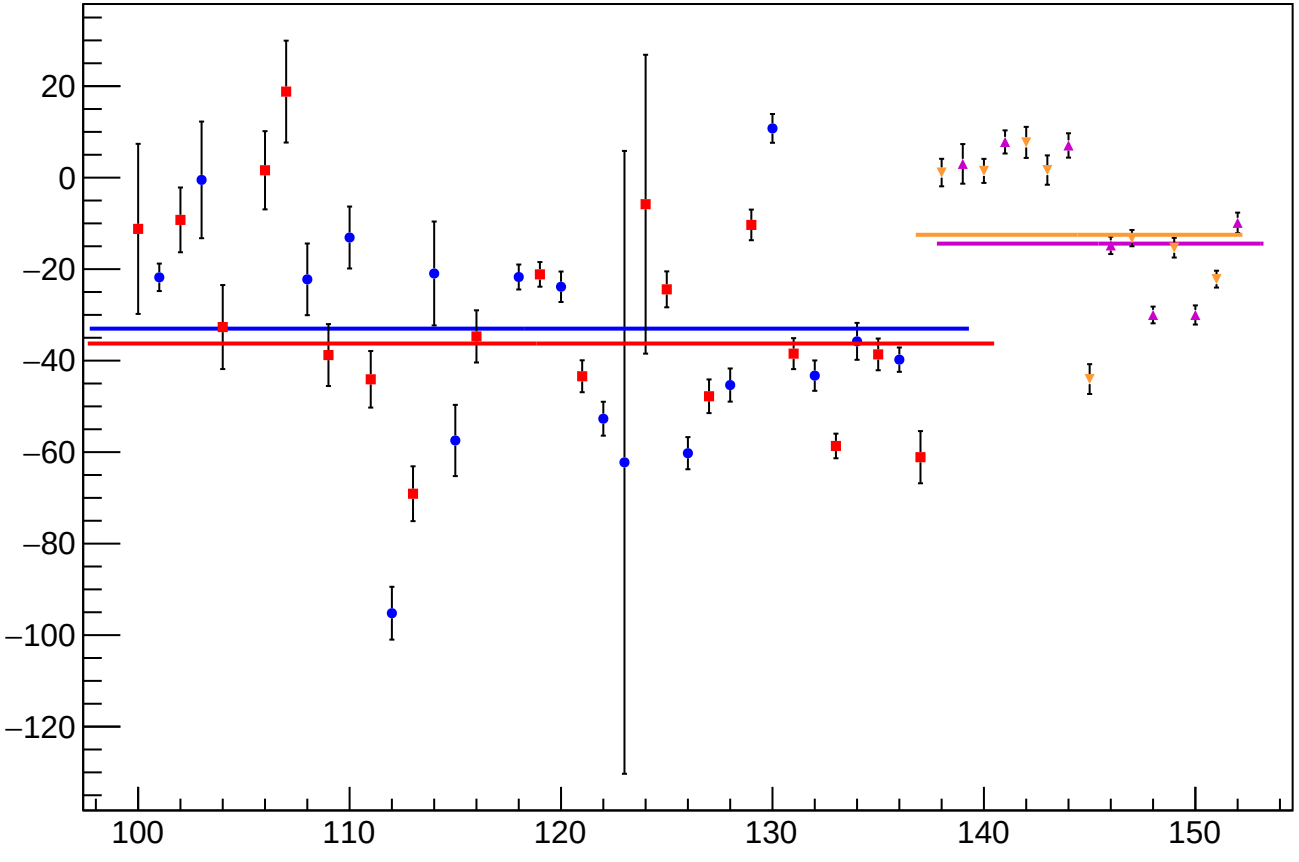
Left In: 78.746+/-1.005 χ^2/NDF:487.3/6

+ sign 68.215+/-0.877 χ^2/NDF: 4123.8/24

All: 75.408+/-0.616 χ^2/NDF: 6799.2/50

- sign 82.436+/-0.866 χ^2/NDF: 2542.2/25

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -12.488+/-0.858 χ^2/NDF:226.7/7

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

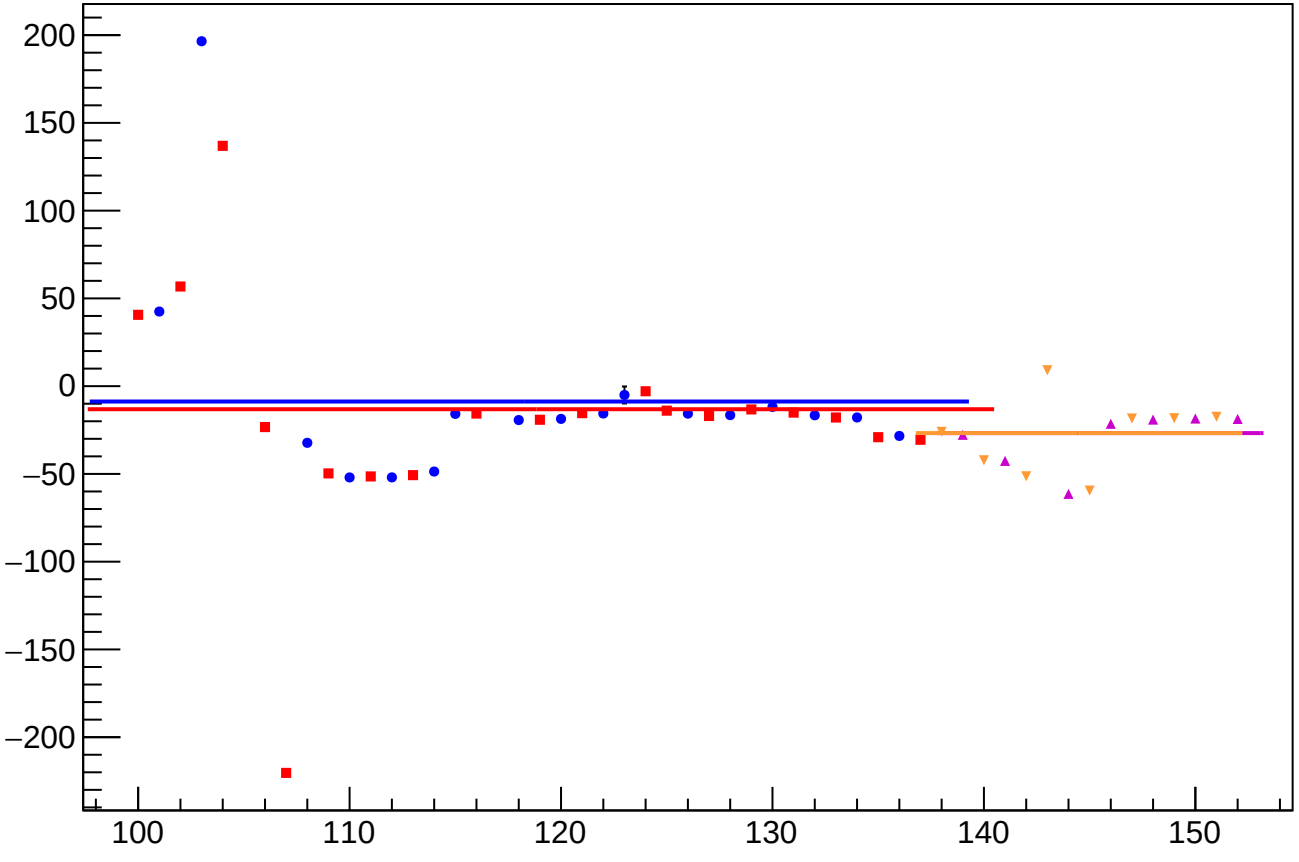
Left In: -14.423+/-0.858 χ^2/NDF:290.9/6

+ sign -21.474+/-0.643 χ^2/NDF: 970.3/24

All: -22.425+/-0.460 χ^2/NDF: 1829.5/50

- sign -23.422+/-0.658 χ^2/NDF: 854.7/25

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -26.731+/-0.044 χ^2/NDF:157108.2/7

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

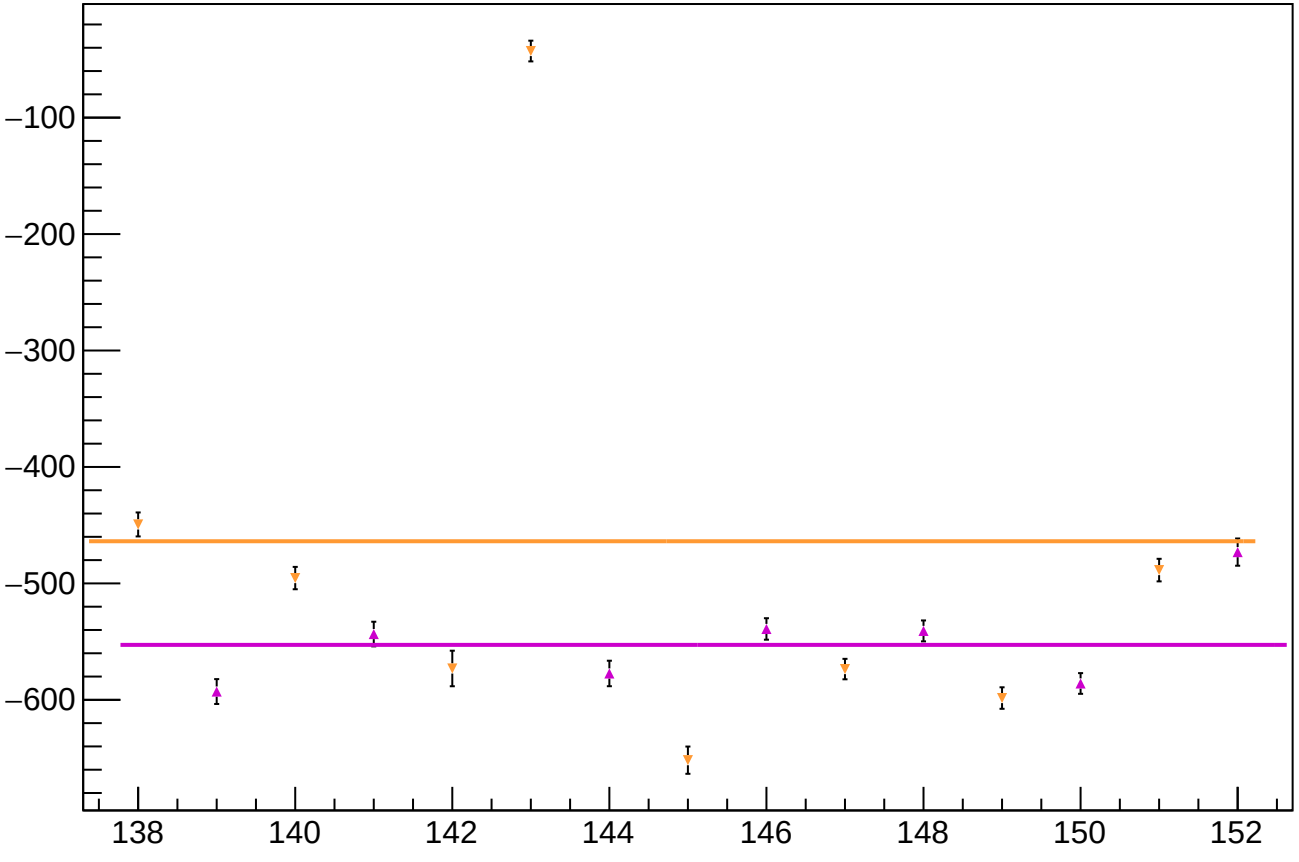
Left In: -26.744+/-0.041 χ^2/NDF:91289.0/6

+ sign -20.291+/-0.035 χ^2/NDF: 793122.6/24

All: -21.427+/-0.025 χ^2/NDF: 1478526.7/50

- sign -22.514+/-0.034 χ^2/NDF: 683365.6/25

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -463.797+/-3.539 χ^2/NDF:2935.6/7

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

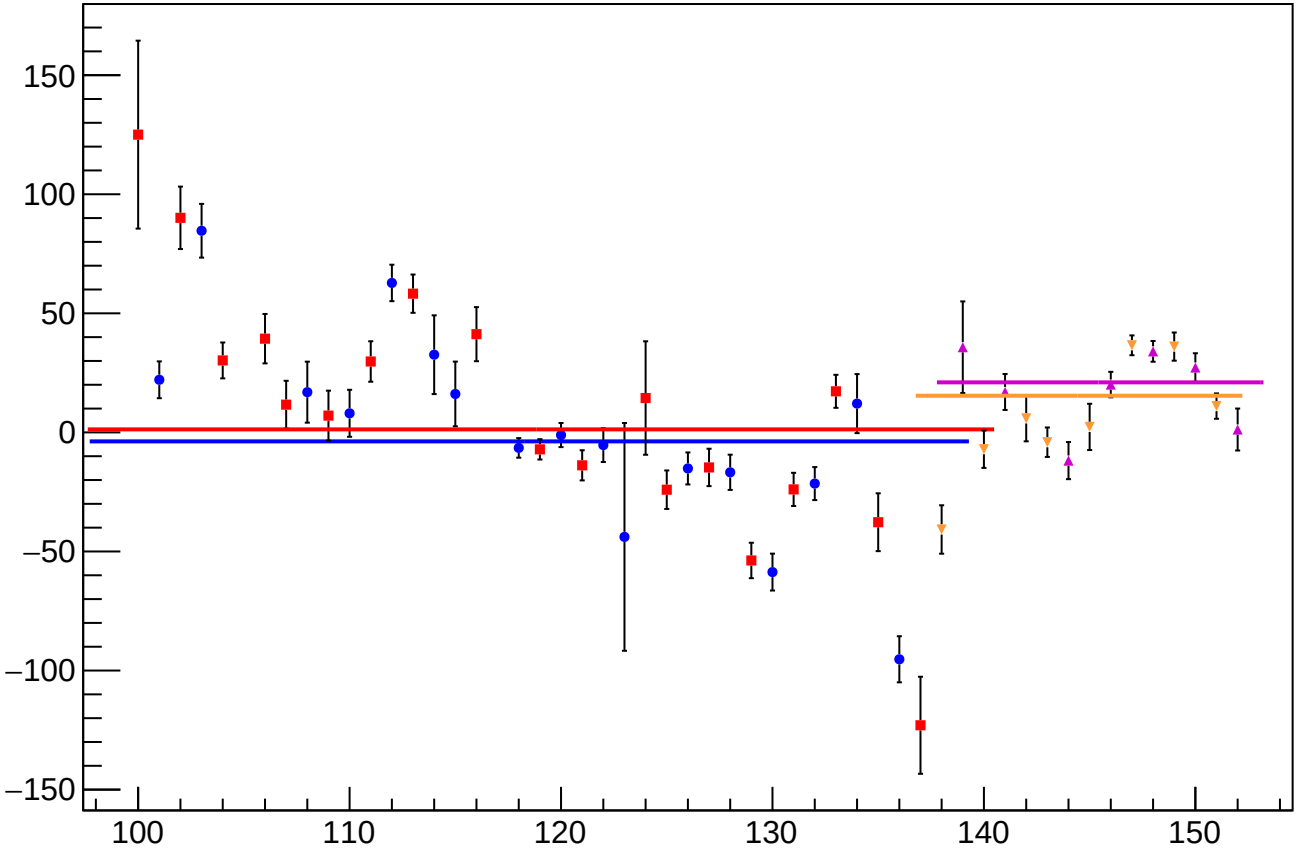
Left In: -552.796+/-3.776 χ^2/NDF:84.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -505.410+/-2.582 χ^2/NDF: 3315.6/14

- 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: 15.398+/-2.265 χ^2/NDF:90.2/7

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

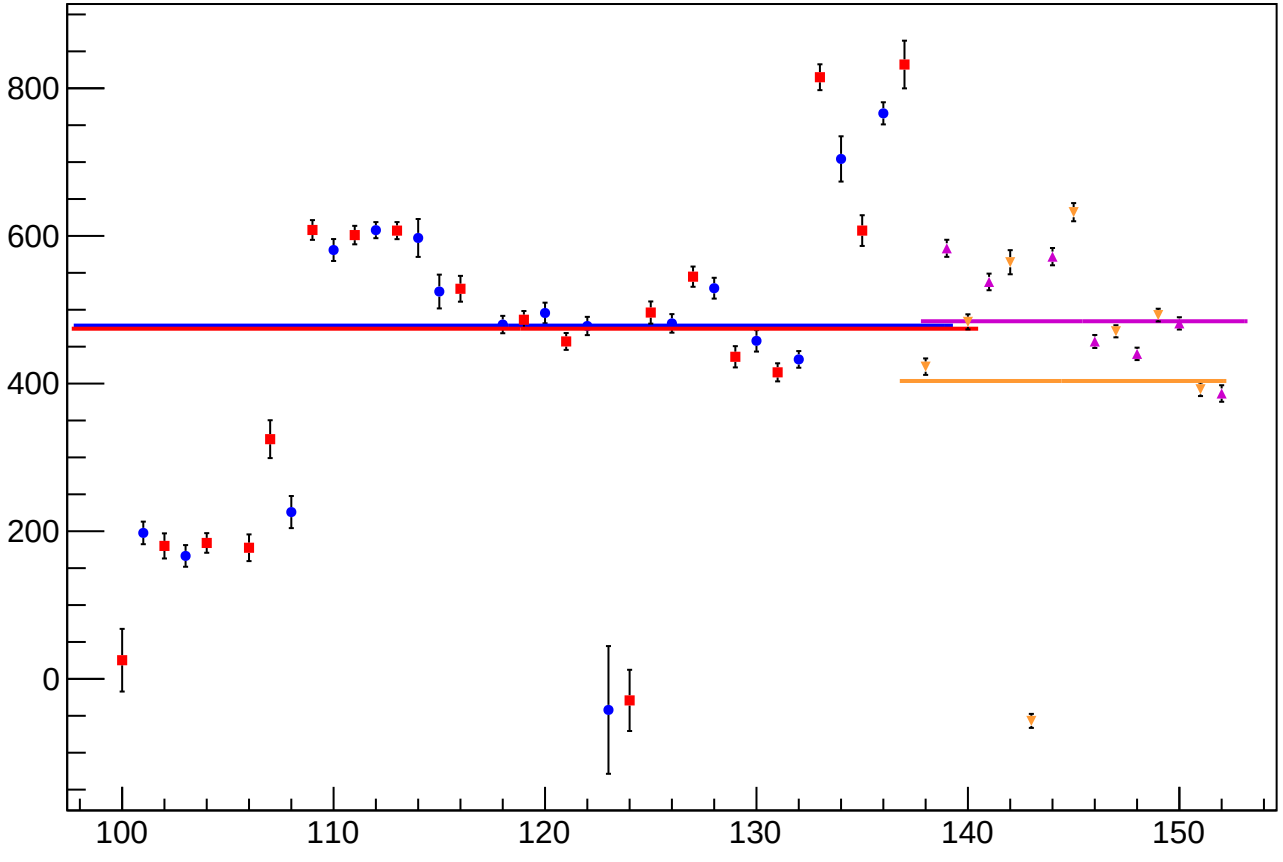
Left In: 21.009+/-2.462 χ^2/NDF:33.7/6

+ sign 4.088+/-1.451 χ^2/NDF: 446.8/24

All: 6.312+/-1.047 χ^2/NDF: 829.2/50

- sign 8.735+/-1.514 χ^2/NDF: 377.5/25

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 403.519+/-3.557 χ^2/NDF:3031.6/7

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

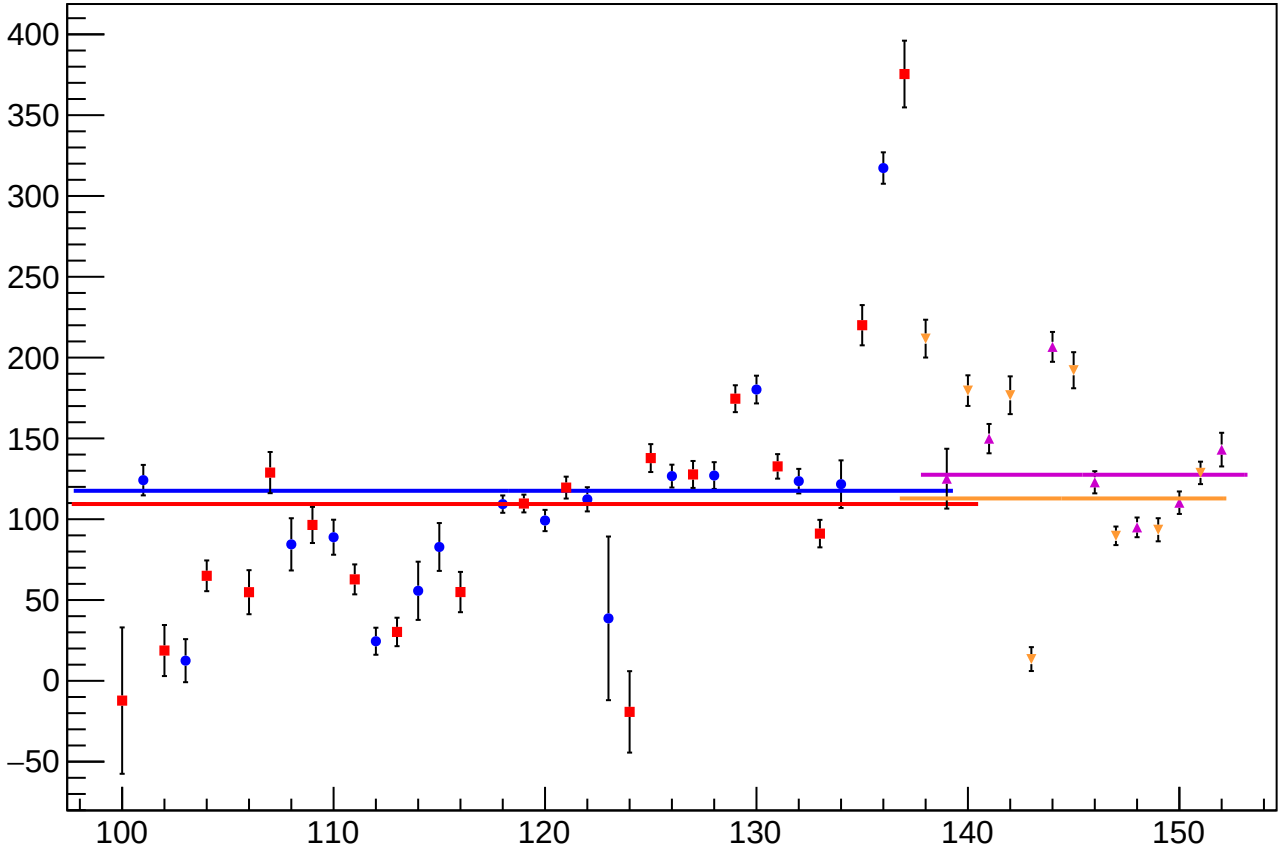
Left In: 484.419+/-3.725 χ^2/NDF:264.9/6

+ sign 440.255+/-2.540 χ^2/NDF: 4878.4/24

All: 459.507+/-1.804 χ^2/NDF: 7550.2/50

- sign 479.107+/-2.563 χ^2/NDF: 2555.9/25

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 112.845+/-2.855 χ^2/NDF:410.7/7

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

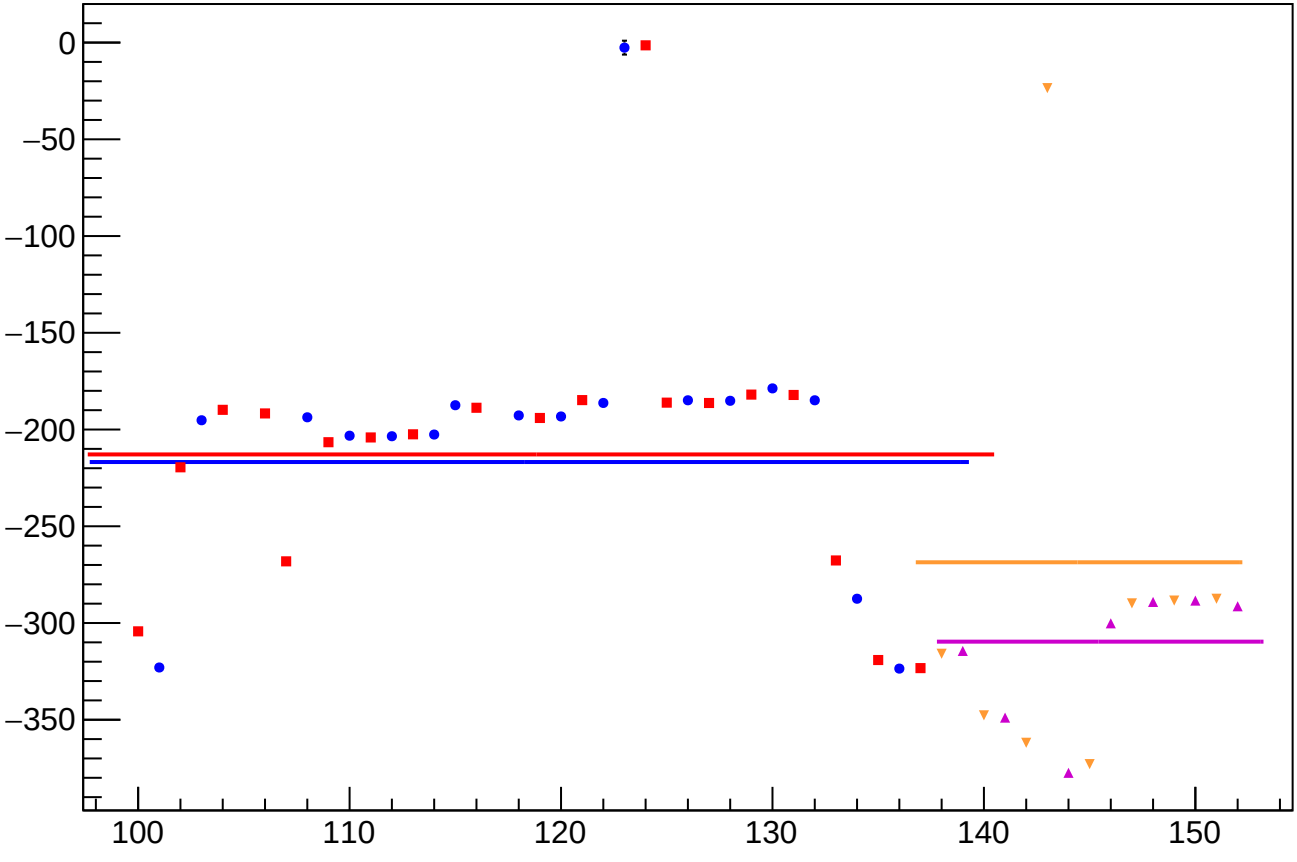
Left In: 127.506+/-3.089 χ^2/NDF:116.7/6

+ sign 115.826+/-1.739 χ^2/NDF: 1119.4/24

All: 115.683+/-1.250 χ^2/NDF: 1830.0/50

- sign 115.530+/-1.797 χ^2/NDF: 710.6/25

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -268.611+/-0.151 χ^2/NDF:532681.4/7

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

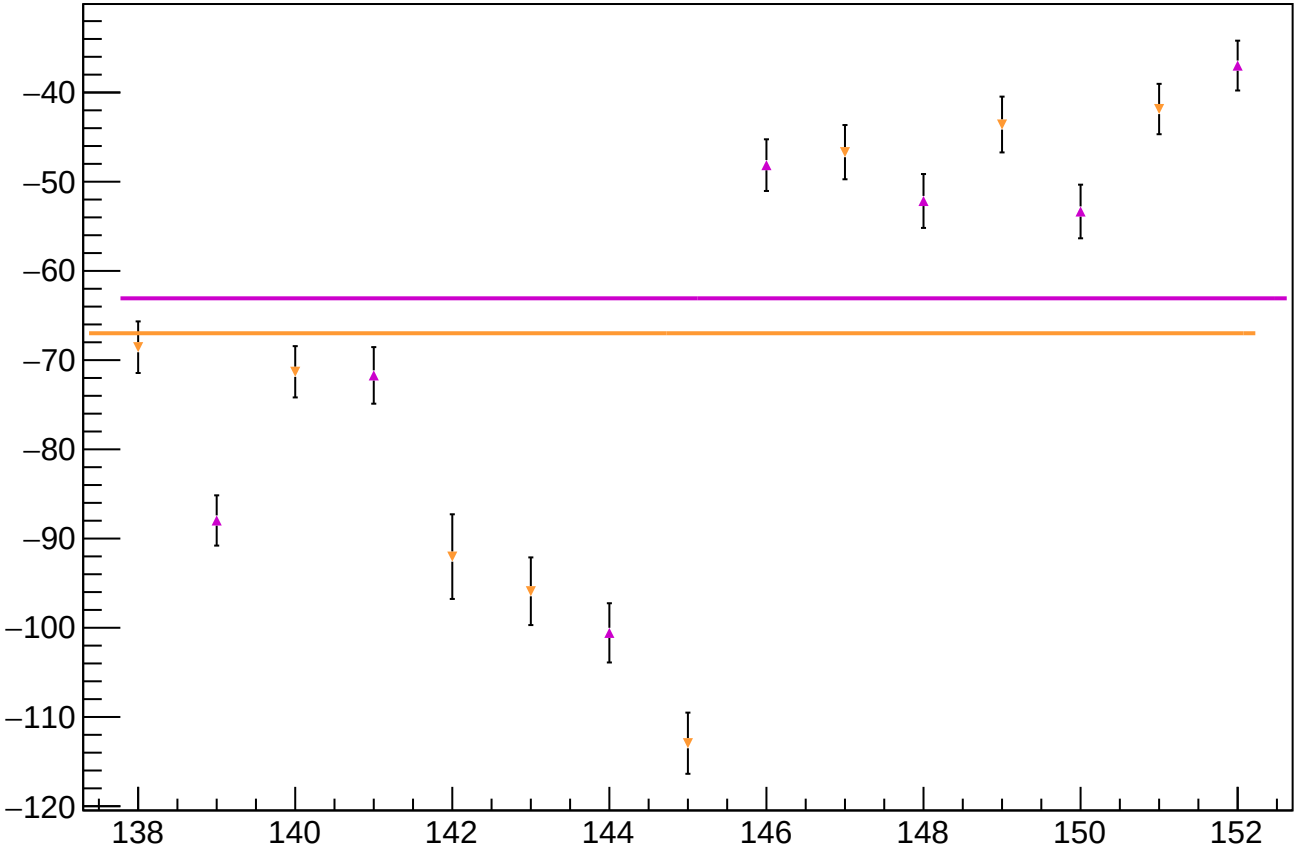
Left In: -309.635+/-0.156 χ^2/NDF:34125.0/6

+ sign -239.872+/-0.101 χ^2/NDF: 744635.5/24

All: -246.372+/-0.071 χ^2/NDF: 1130974.4/50

- sign -252.718+/-0.100 χ^2/NDF: 378156.6/25

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -66.987+/-1.136 χ^2/NDF:448.0/7

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

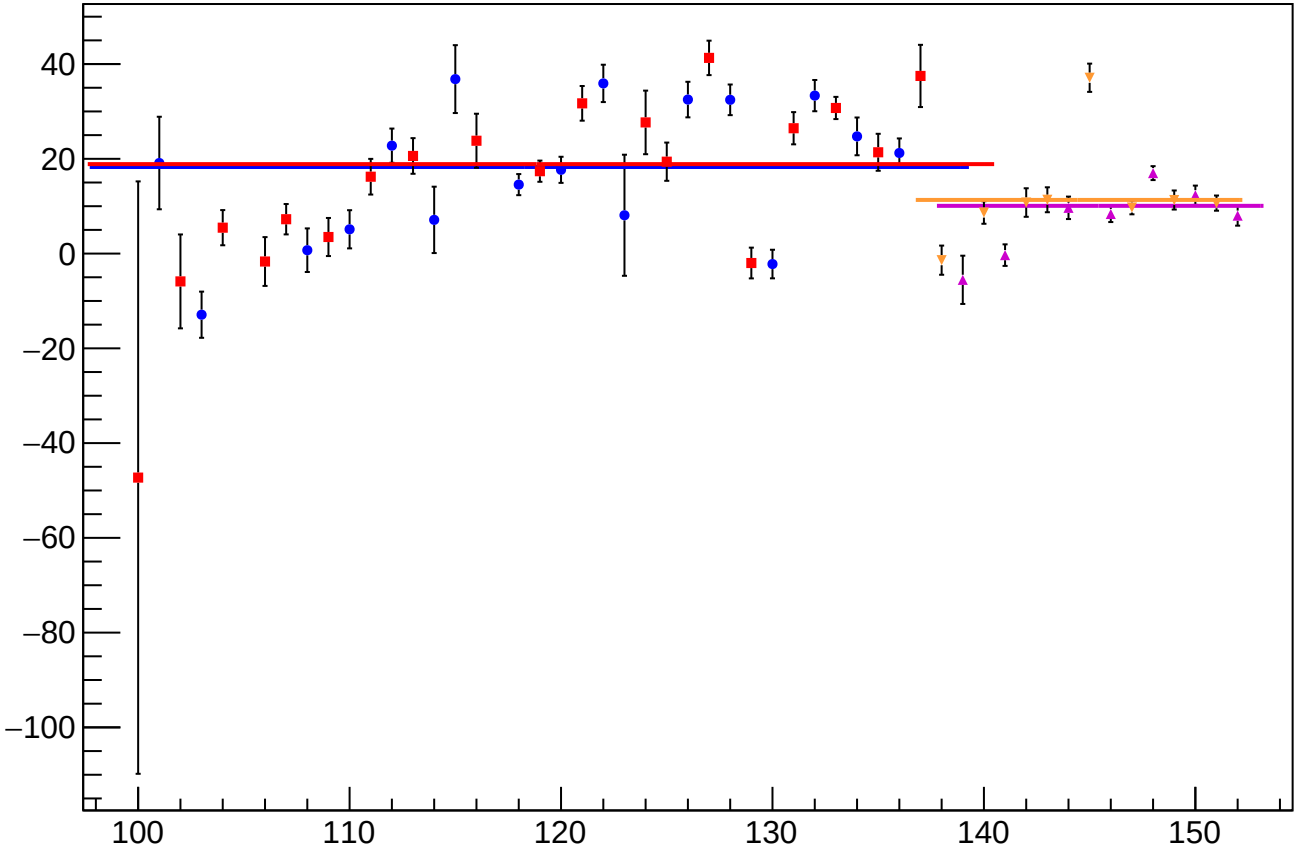
Left In: -63.072+/-1.130 χ^2/NDF:350.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -65.019+/-0.801 χ^2/NDF: 804.4/14

- 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: 11.325+/-0.752 χ^2/NDF:94.5/7

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

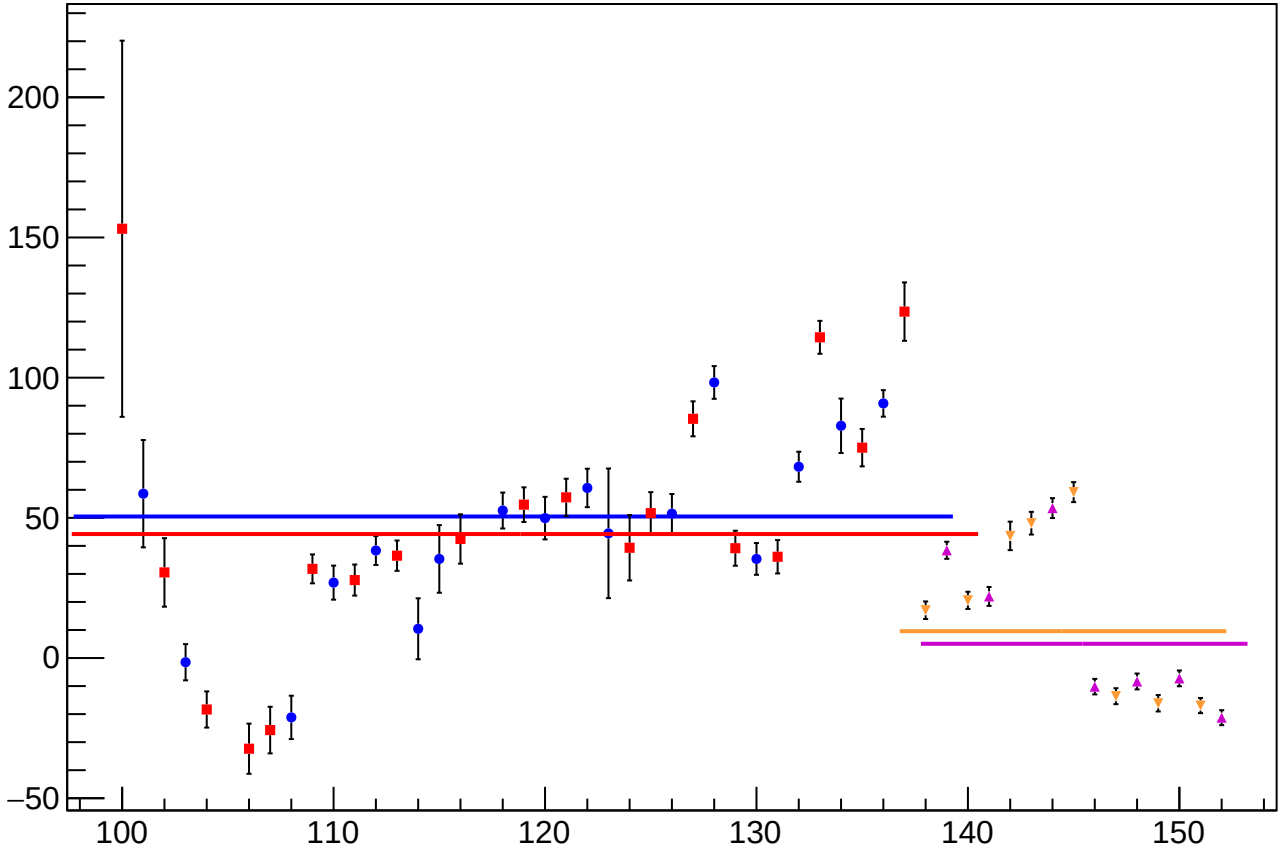
Left In: 10.077+/-0.771 χ^2/NDF:55.6/6

+ sign 14.165+/-0.579 χ^2/NDF: 334.0/24

All: 14.072+/-0.408 χ^2/NDF: 645.8/50

- sign 13.980+/-0.576 χ^2/NDF: 311.8/25

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 9.581+/-1.144 χ^2/NDF:588.1/7

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

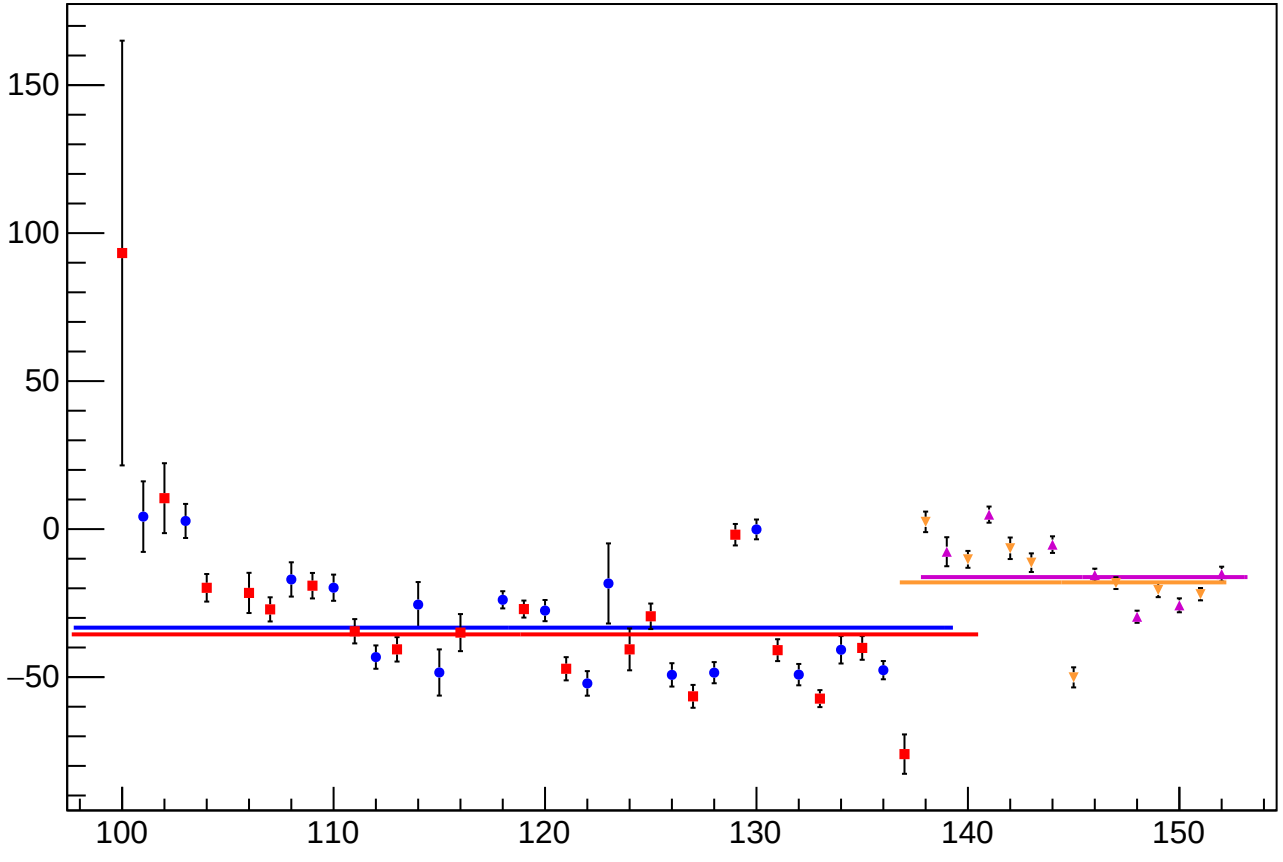
Left In: 5.084+/-1.121 χ^2/NDF:499.6/6

+ sign 22.658+/-0.943 χ^2/NDF: 1355.0/24

All: 20.239+/-0.658 χ^2/NDF: 2802.4/50

- sign 17.944+/-0.919 χ^2/NDF: 1434.5/25

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -17.998+/-0.944 χ^2/NDF:150.7/7

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

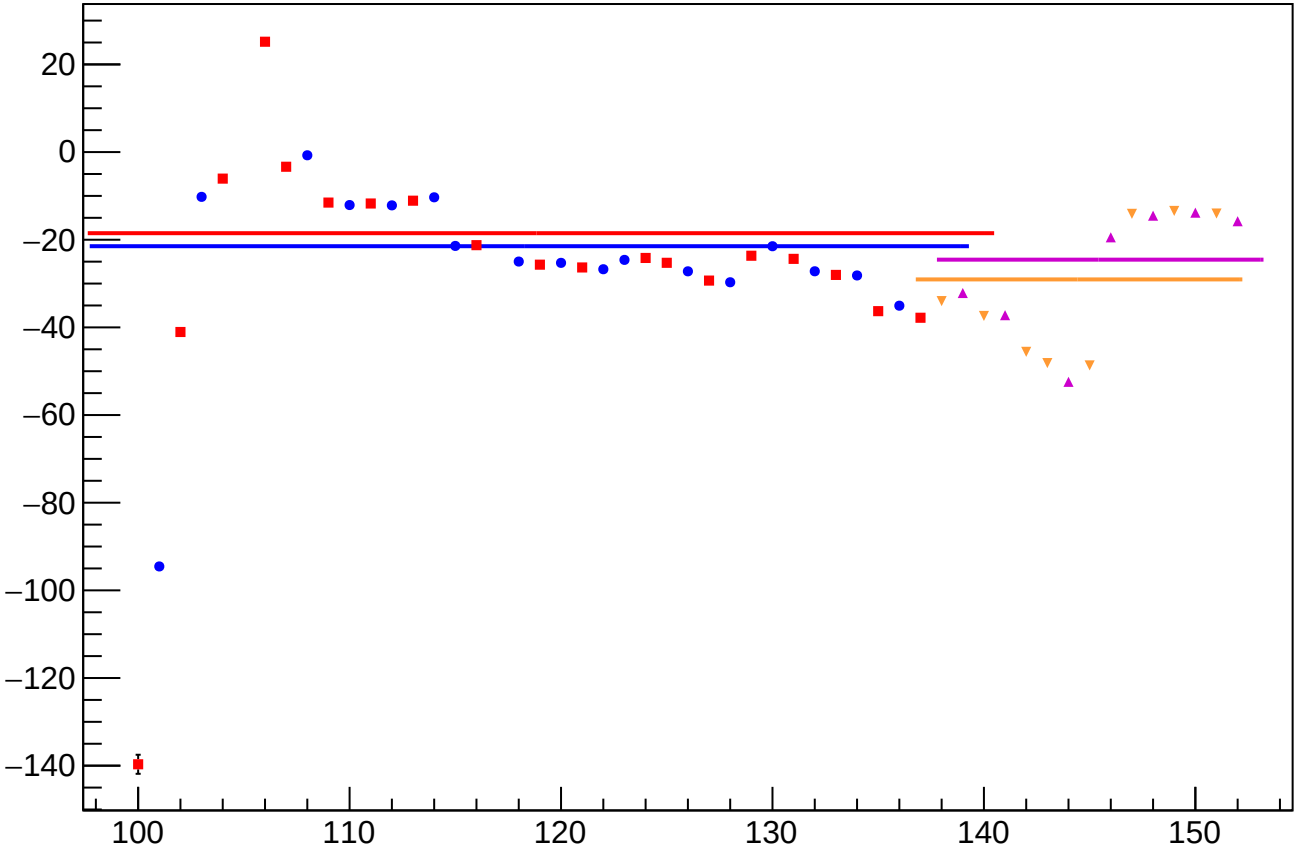
Left In: -16.209+/-0.958 χ^2/NDF:137.3/6

+ sign -24.961+/-0.697 χ^2/NDF: 559.2/24

All: -25.256+/-0.490 χ^2/NDF: 1181.4/50

- sign -25.543+/-0.689 χ^2/NDF: 621.9/25

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -29.054+/-0.048 χ^2/NDF:89869.7/7

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

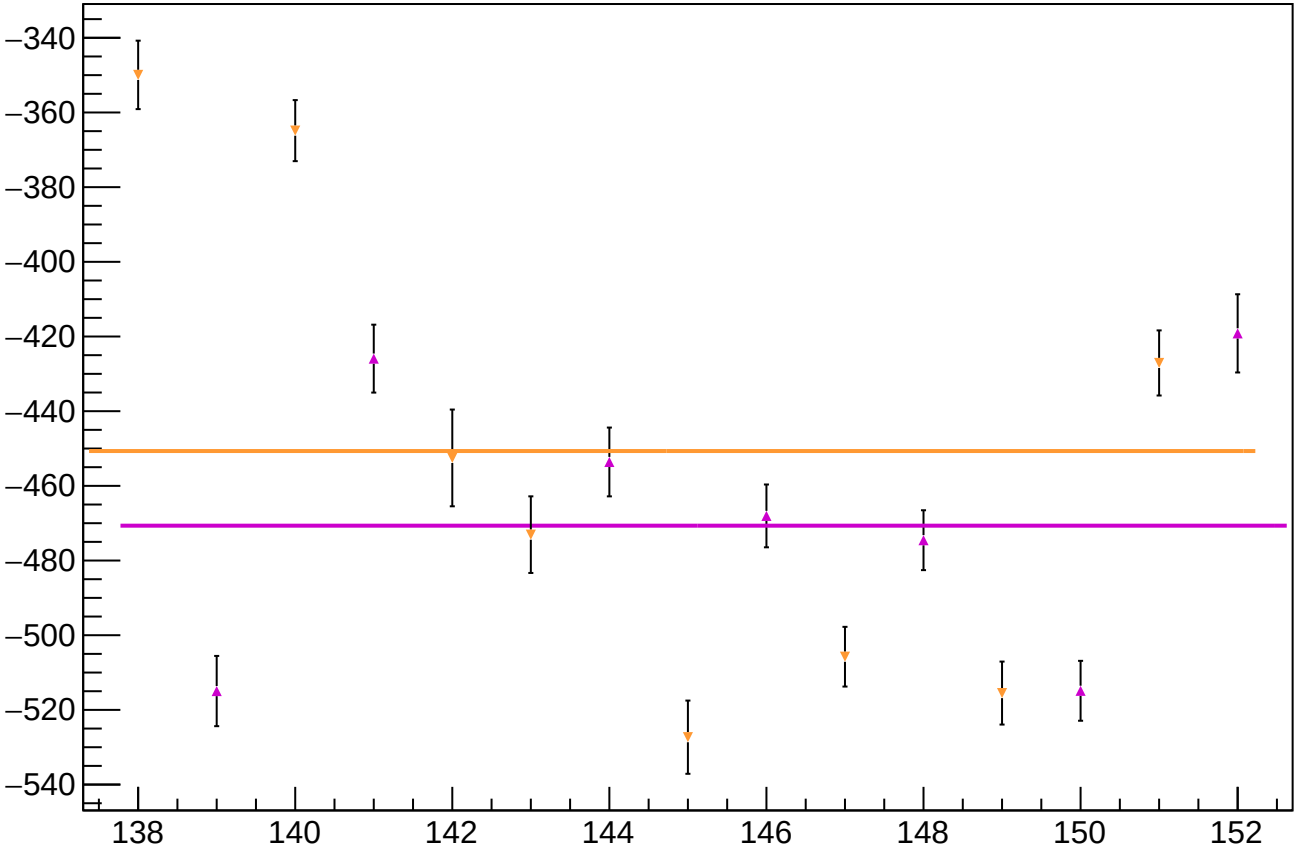
Left In: -24.546+/-0.046 χ^2/NDF:69066.5/6

+ sign -25.991+/-0.037 χ^2/NDF: 148814.9/24

All: -24.010+/-0.026 χ^2/NDF: 310779.3/50

- sign -22.163+/-0.036 χ^2/NDF: 156517.6/25

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -450.673+/-3.235 χ^2/NDF:410.7/7

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

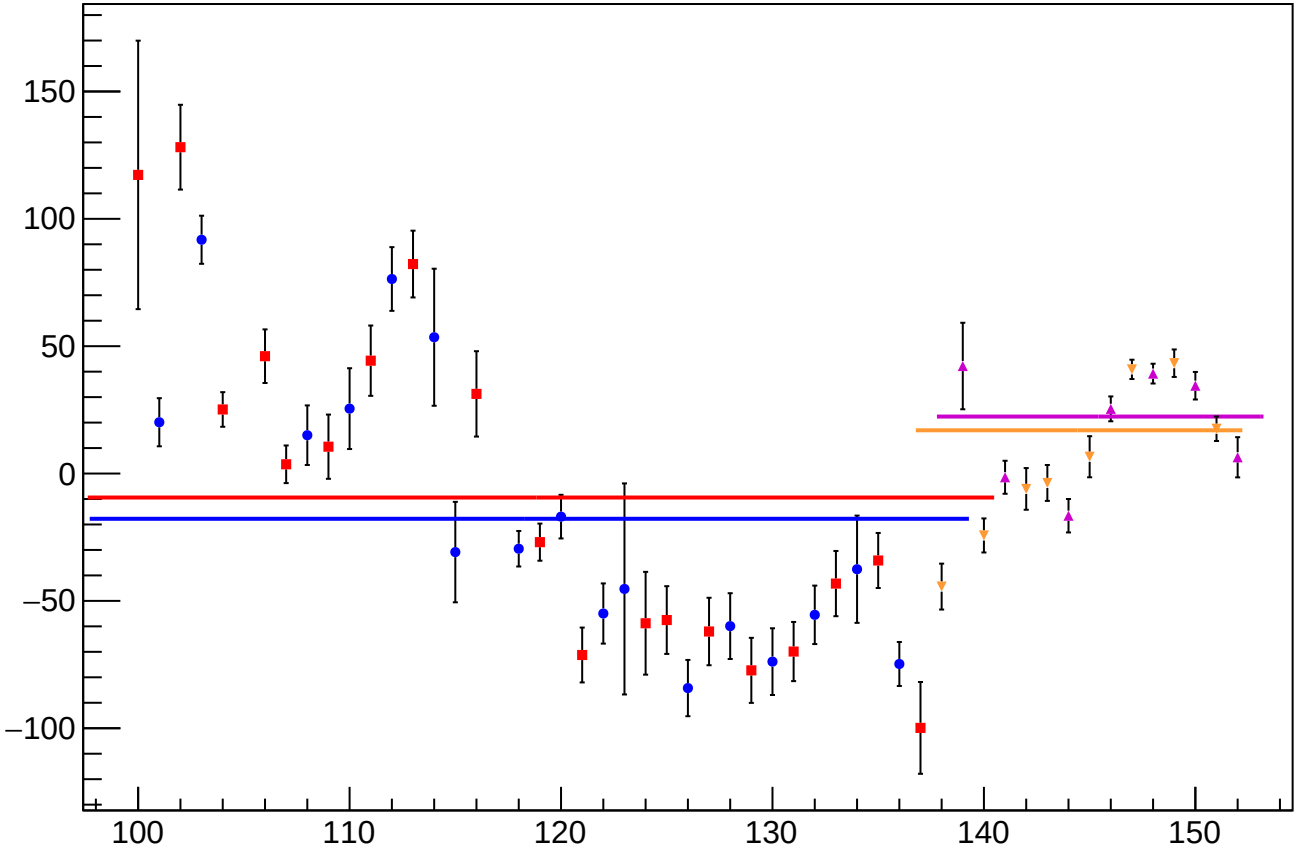
Left In: -470.662+/-3.342 χ^2/NDF:104.7/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -460.340+/-2.324 χ^2/NDF: 533.9/14

- 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: 16.975+/-2.075 χ^2/NDF:166.4/7

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

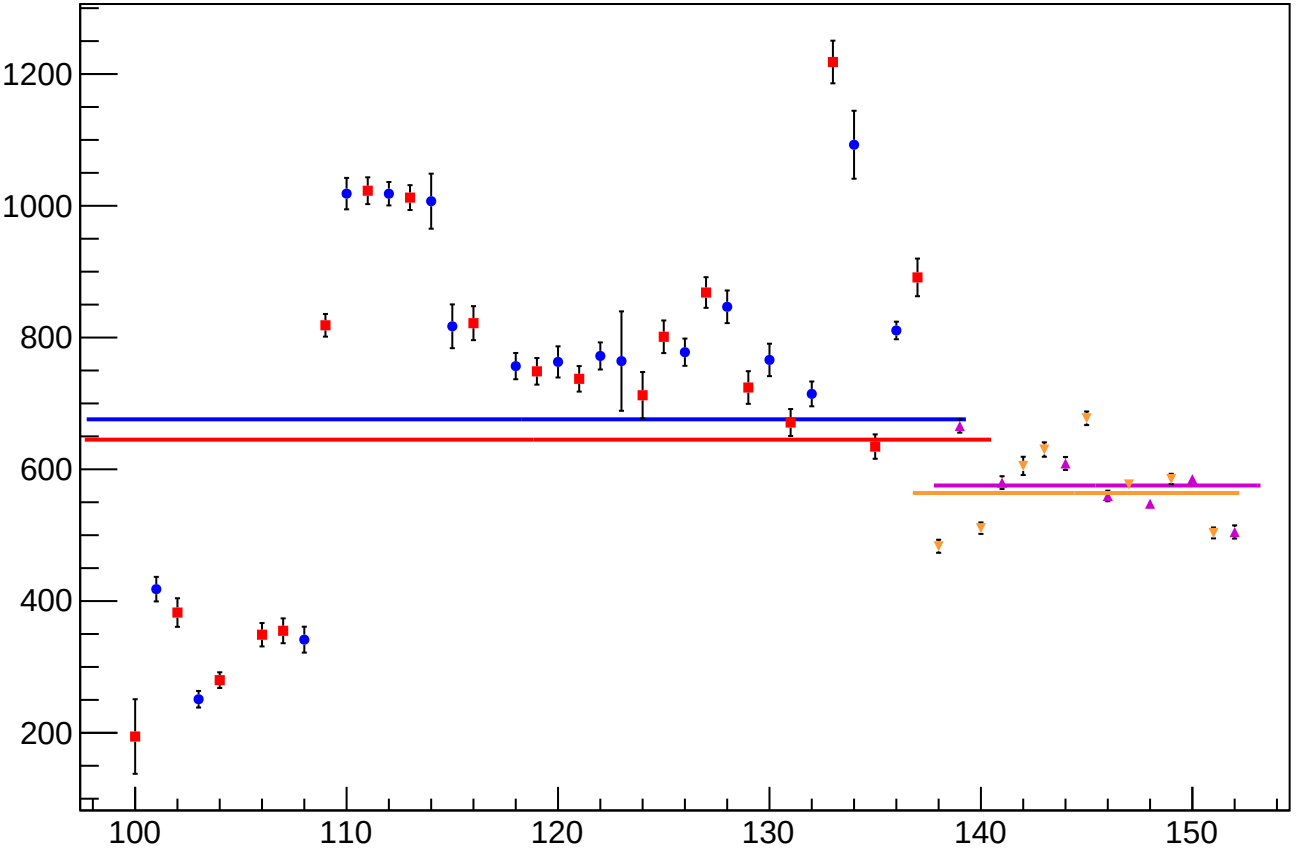
Left In: 22.373+/-2.187 χ^2/NDF:78.4/6

+ sign 4.556+/-1.663 χ^2/NDF: 630.5/24

All: 6.897+/-1.181 χ^2/NDF: 1169.5/50

- sign 9.278+/-1.677 χ^2/NDF: 535.0/25

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 564.012+/-3.249 χ^2/NDF:332.6/7

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

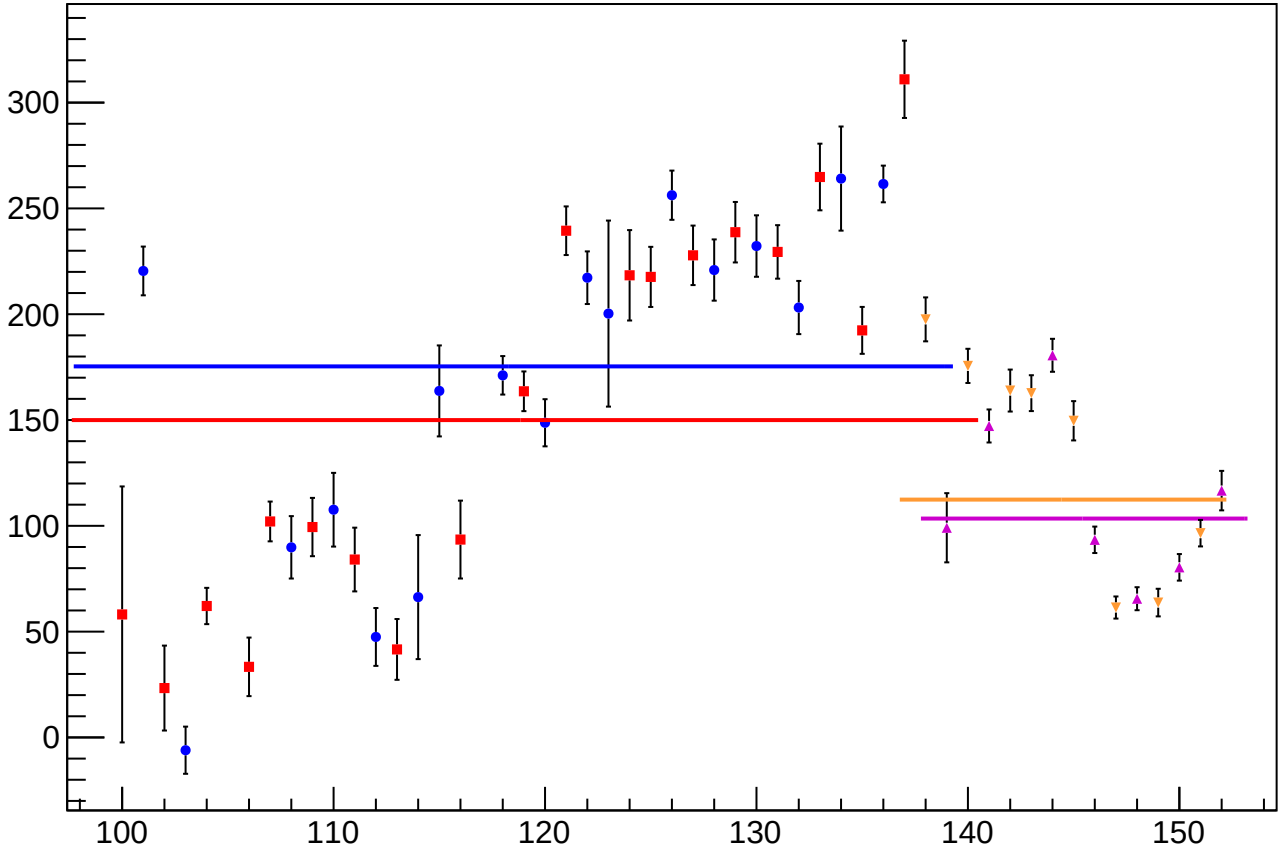
Left In: 575.425+/-3.305 χ^2/NDF:159.1/6

+ sign 596.879+/-2.730 χ^2/NDF: 3267.3/24

All: 597.472+/-1.925 χ^2/NDF: 6693.9/50

- sign 598.058+/-2.715 χ^2/NDF: 3426.6/25

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 112.392+/-2.618 χ^2/NDF:364.1/7

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

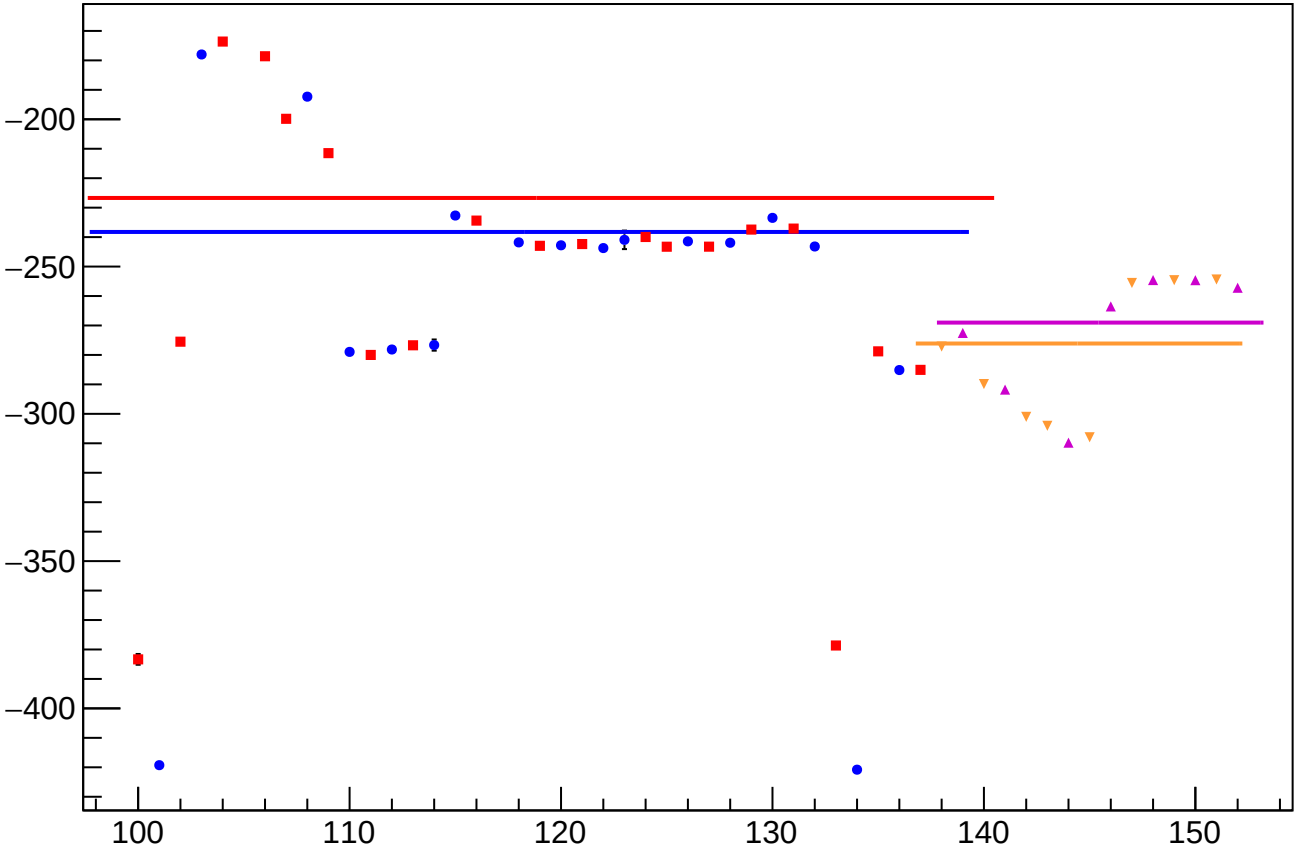
Left In: 103.433+/-2.742 χ^2/NDF:196.3/6

+ sign 137.606+/-2.027 χ^2/NDF: 1234.1/24

All: 130.972+/-1.437 χ^2/NDF: 2274.0/50

- sign 124.268+/-2.038 χ^2/NDF: 1018.4/25

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -276.123+/-0.139 χ^2/NDF:24423.5/7

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

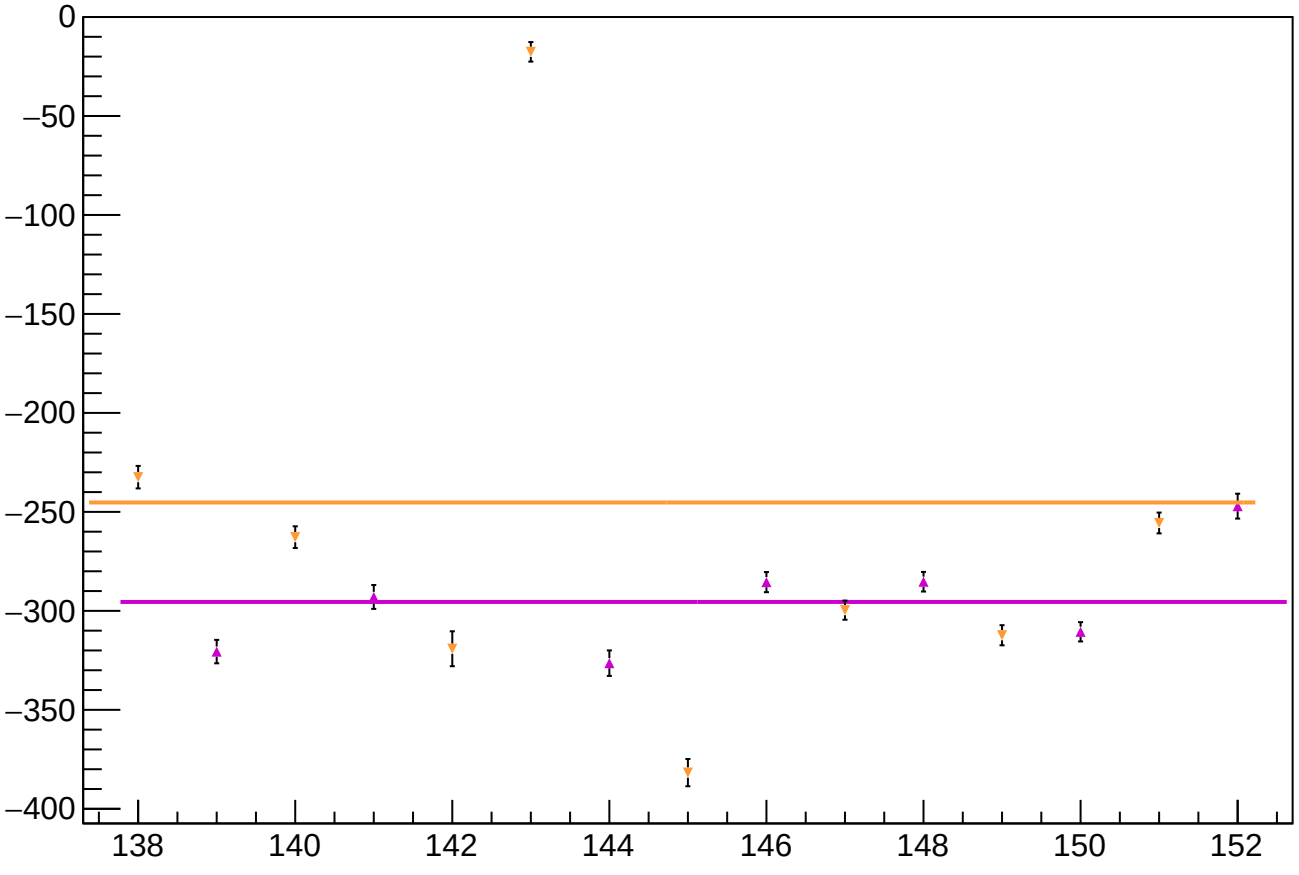
Left In: -269.023+/-0.138 χ^2/NDF:17577.5/6

+ sign -259.866+/-0.105 χ^2/NDF: 223564.6/24

All: -254.687+/-0.073 χ^2/NDF: 391515.9/50

- sign -249.792+/-0.102 χ^2/NDF: 163197.9/25

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -245.242+/-1.974 χ^2/NDF:2900.3/7

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

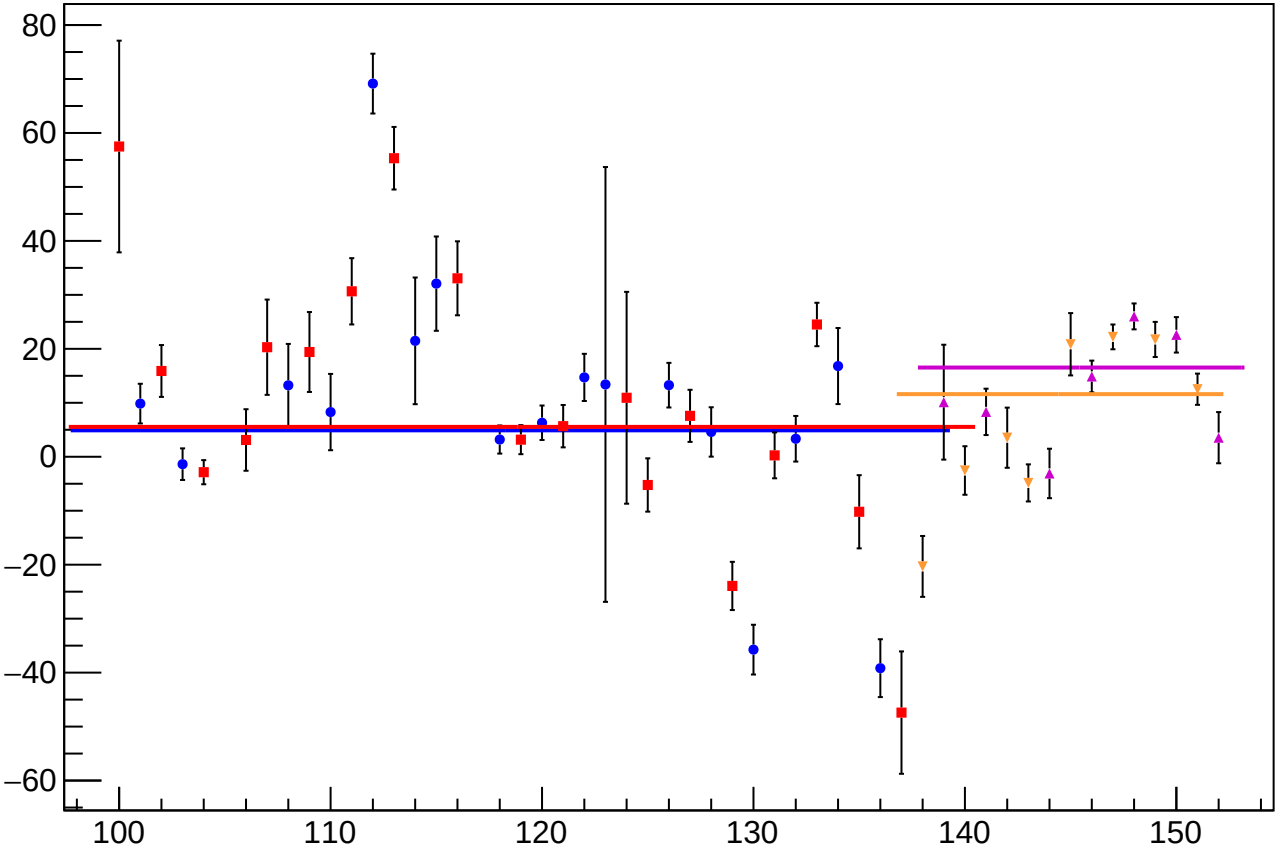
Left In: -295.497+/-2.099 χ^2/NDF:118.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -268.835+/-1.438 χ^2/NDF: 3322.6/14

- 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: 11.606+/-1.259 χ^2/NDF:100.6/7

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

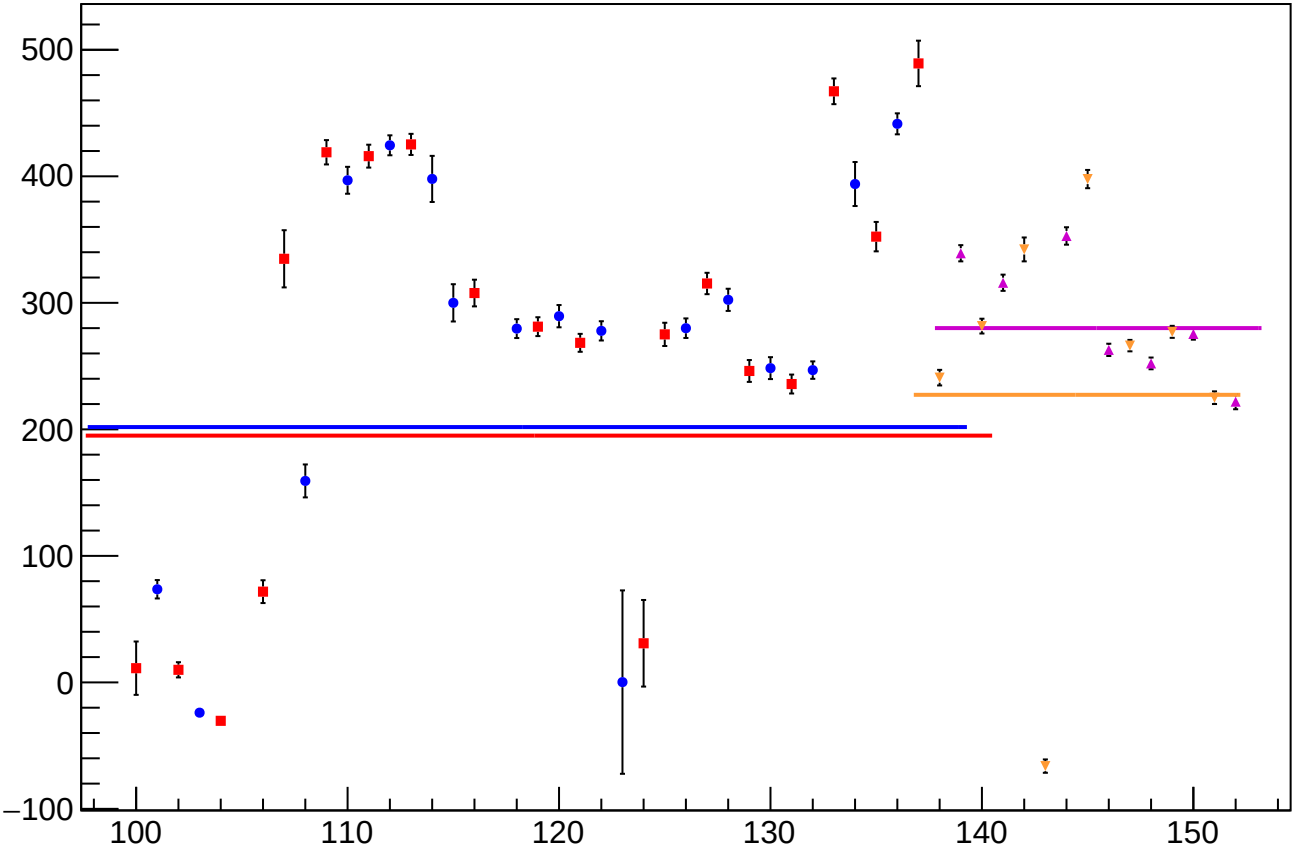
Left In: 16.532+/-1.364 χ^2/NDF:49.2/6

+ sign 7.769+/-0.824 χ^2/NDF: 428.8/24

All: 8.727+/-0.589 χ^2/NDF: 760.1/50

- sign 9.729+/-0.843 χ^2/NDF: 328.5/25

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 227.299+/-1.980 χ^2/NDF:4069.5/7

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

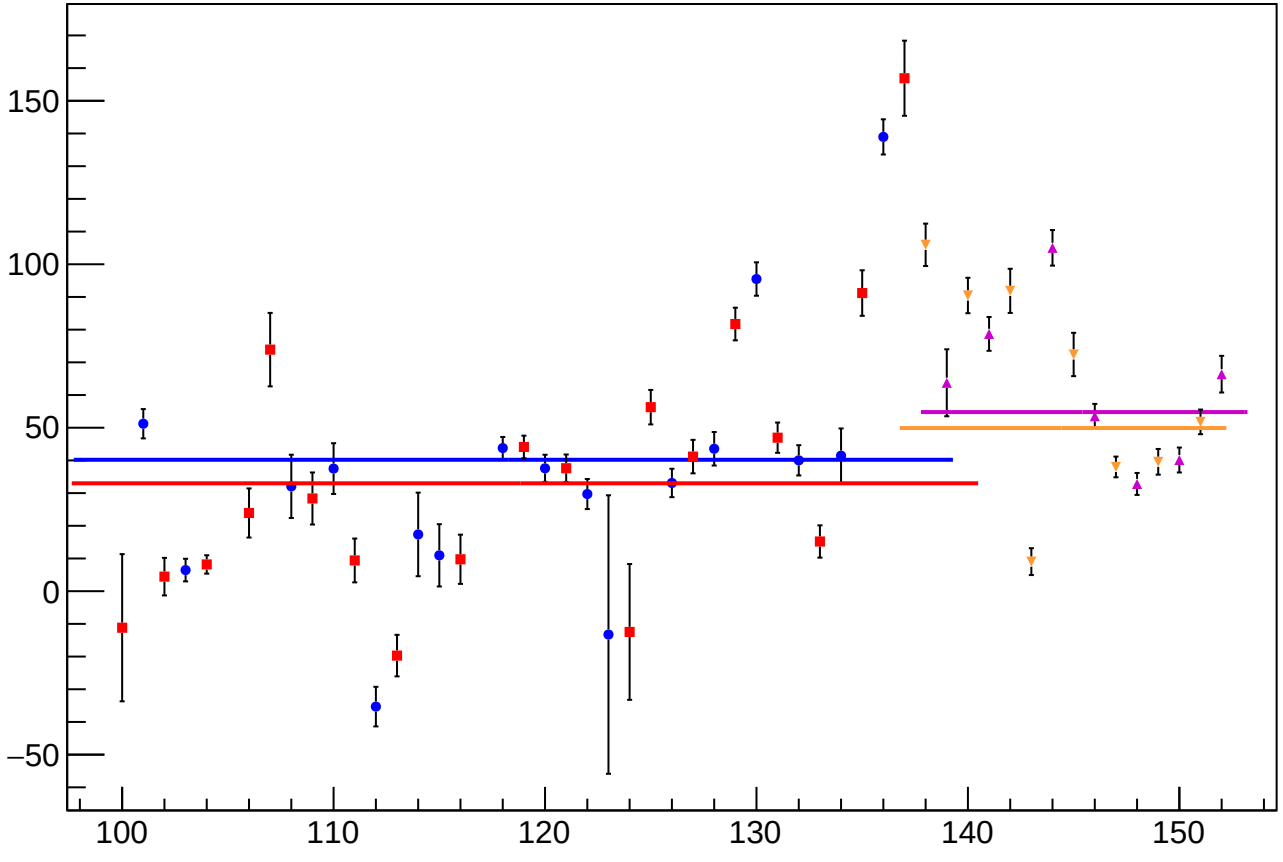
Left In: 280.038+/-2.066 χ^2/NDF:371.0/6

+ sign 214.489+/-1.397 χ^2/NDF: 10907.0/24

All: 224.428+/-0.992 χ^2/NDF: 20543.2/50

- sign 234.531+/-1.408 χ^2/NDF: 9534.1/25

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 49.901+/-1.588 χ^2/NDF:300.9/7

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

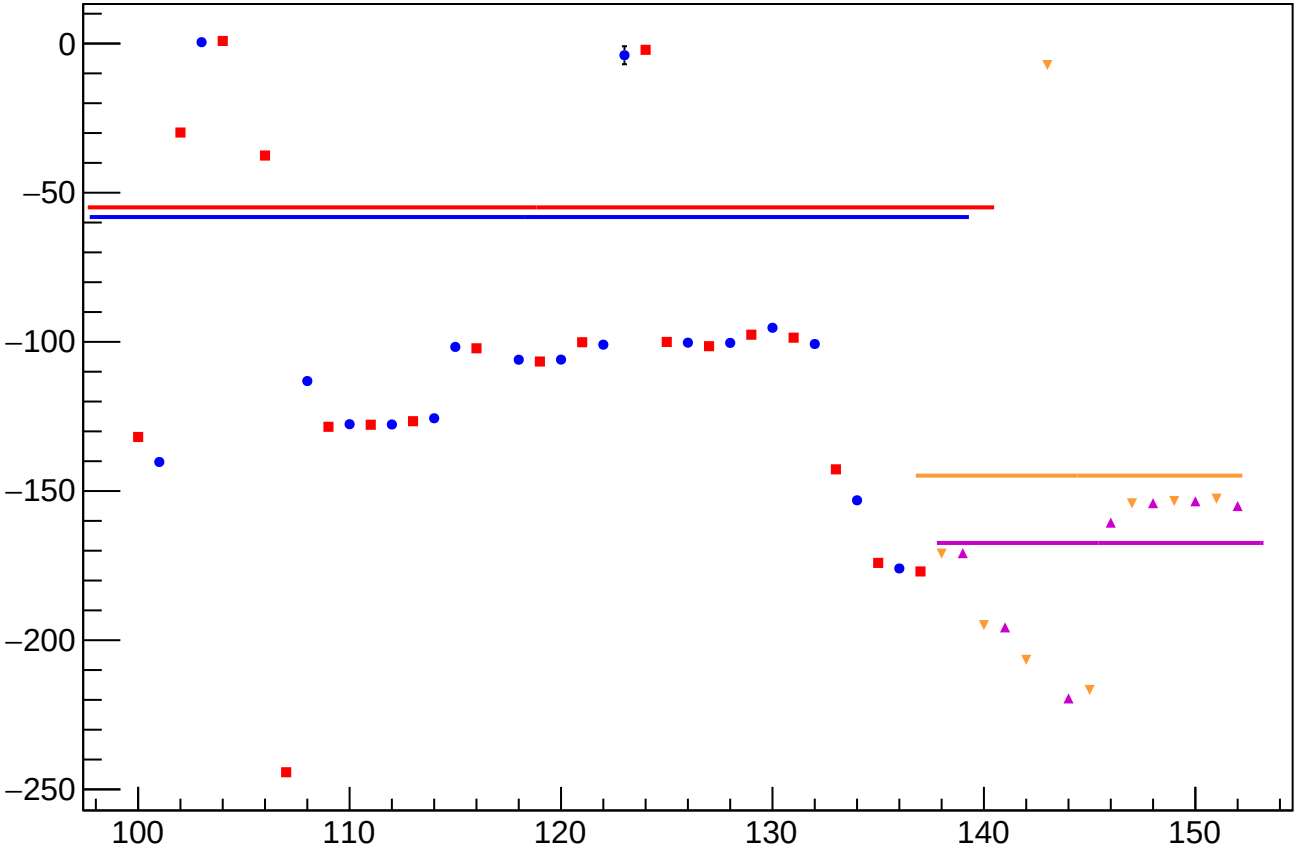
Left In: 54.789+/-1.714 χ^2/NDF:169.5/6

+ sign 43.972+/-0.991 χ^2/NDF: 1058.7/24

All: 42.314+/-0.708 χ^2/NDF: 1893.3/50

- sign 40.586+/-1.011 χ^2/NDF: 828.9/25

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -144.832+/-0.084 χ^2/NDF:569317.8/7

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

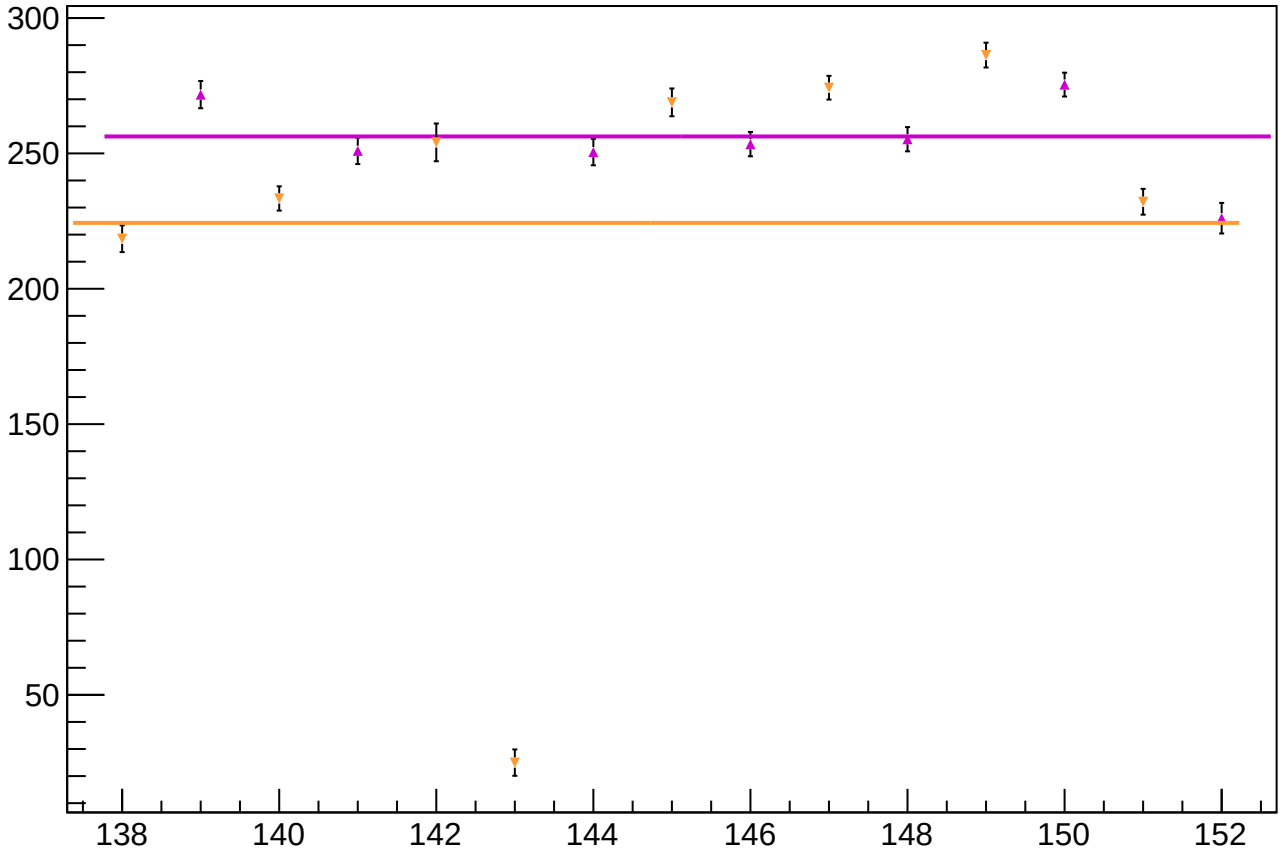
Left In: -167.404+/-0.086 χ^2/NDF:55187.0/6

+ sign -88.281+/-0.050 χ^2/NDF: 2363561.7/24

All: -90.045+/-0.035 χ^2/NDF: 4568779.8/50

- sign -91.784+/-0.049 χ^2/NDF: 2202719.4/25

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 224.345+/-1.727 χ^2/NDF:2090.1/7

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

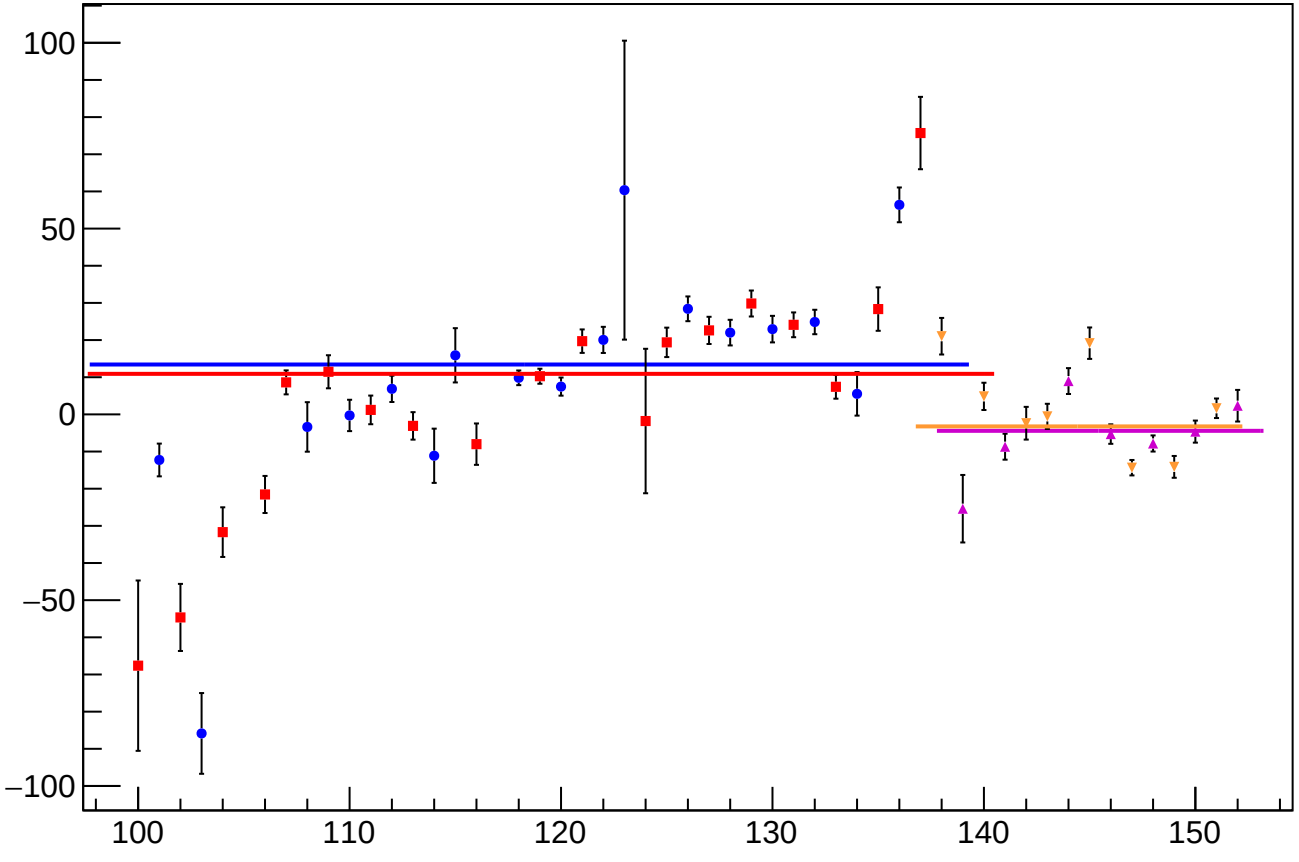
Left In: 256.261+/-1.809 χ^2/NDF:59.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 239.562+/-1.249 χ^2/NDF: 2312.8/14

- 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: -3.236+/-1.116 χ^2/NDF:103.7/7

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

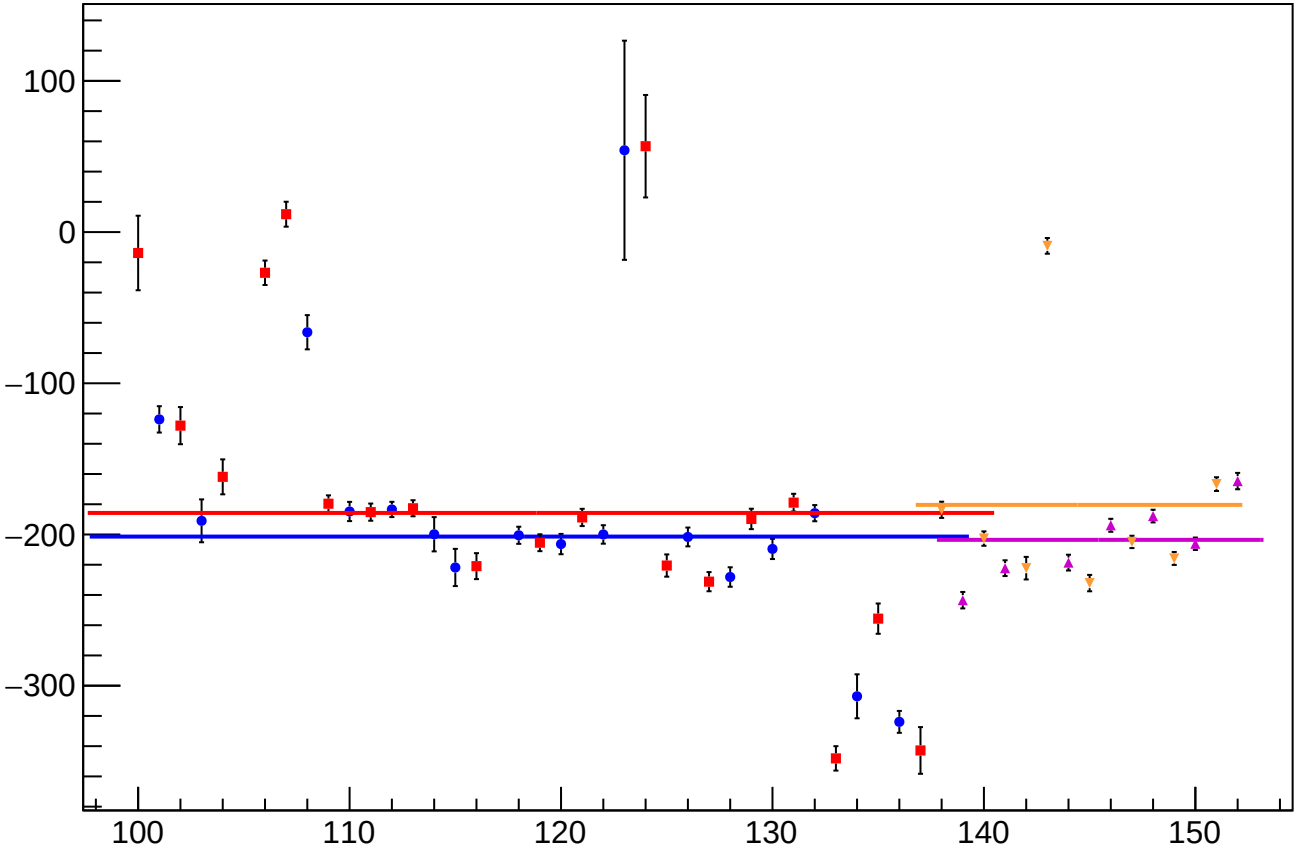
Left In: -4.426+/-1.193 χ^2/NDF:26.7/6

+ sign 6.688+/-0.710 χ^2/NDF: 531.6/24

All: 5.971+/-0.508 χ^2/NDF: 966.9/50

- sign 5.219+/-0.727 χ^2/NDF: 433.3/25

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -180.412+/-1.740 χ^2/NDF:1343.8/7

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

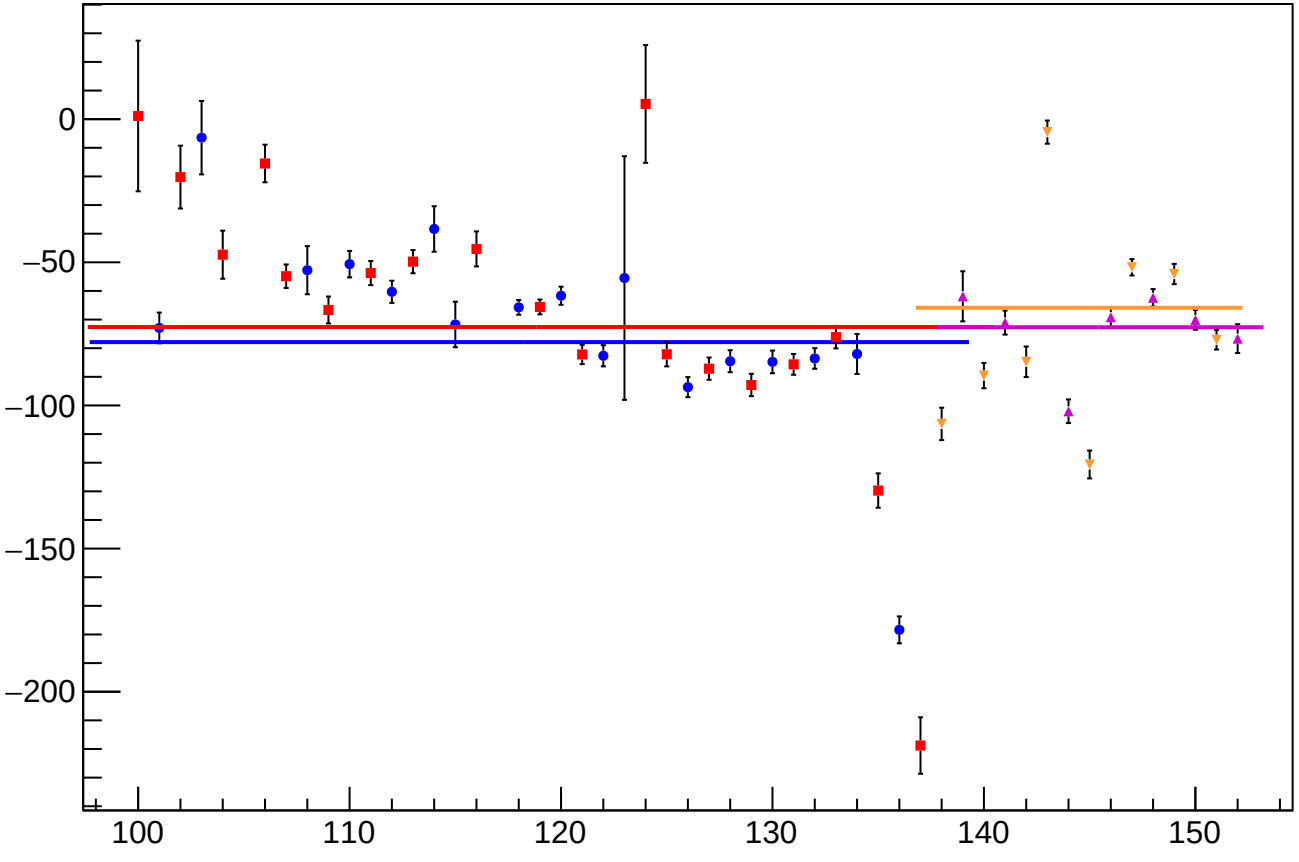
Left In: -203.539+/-1.792 χ^2/NDF:145.9/6

+ sign -190.661+/-1.244 χ^2/NDF: 2038.3/24

All: -192.430+/-0.876 χ^2/NDF: 3989.4/50

- sign -194.169+/-1.233 χ^2/NDF: 1947.1/25

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -65.876+/-1.404 χ^2/NDF:495.6/7

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

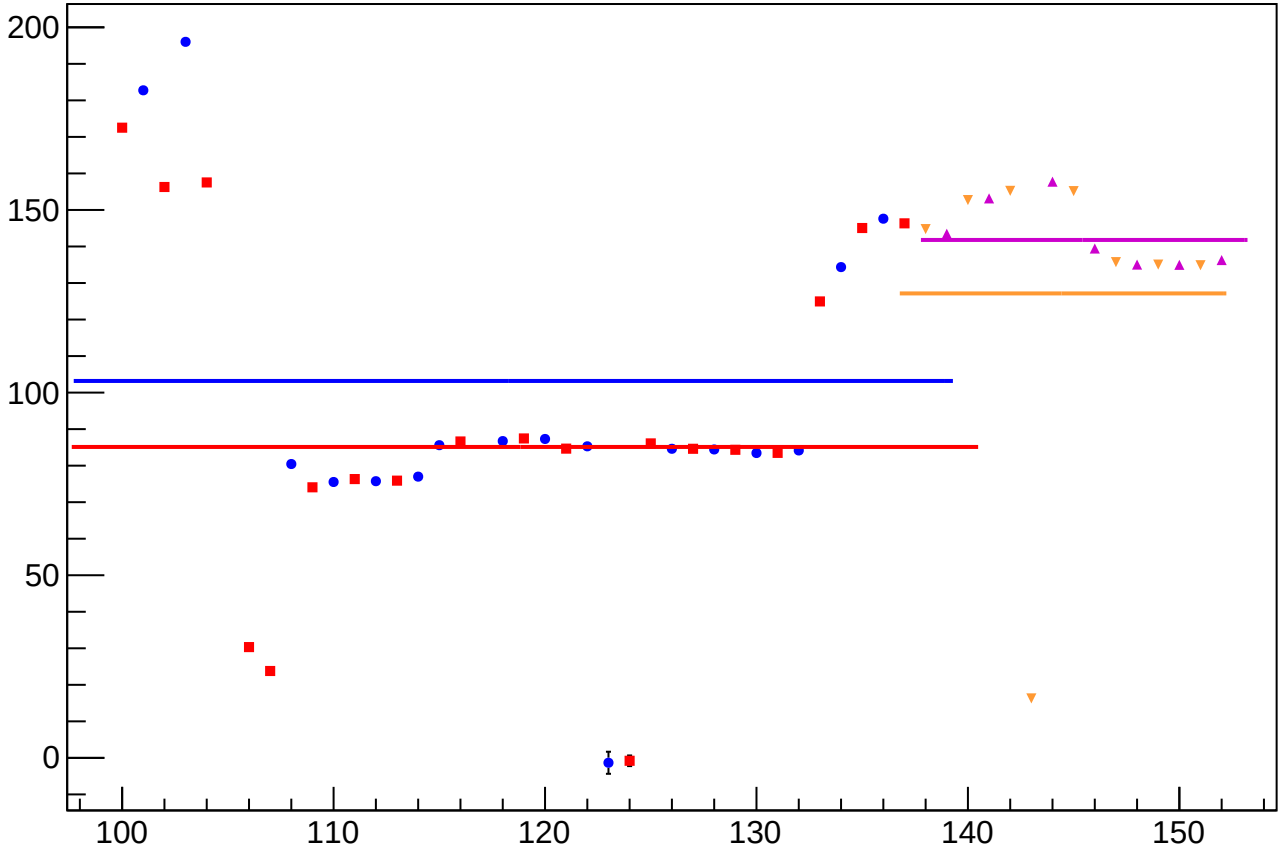
Left In: -72.686+/-1.492 χ^2/NDF:66.0/6

+ sign -73.489+/-0.849 χ^2/NDF: 1200.1/24

All: -73.069+/-0.604 χ^2/NDF: 1873.5/50

- sign -72.636+/-0.861 χ^2/NDF: 672.8/25

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 127.151+/-0.074 χ^2/NDF:337560.2/7

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

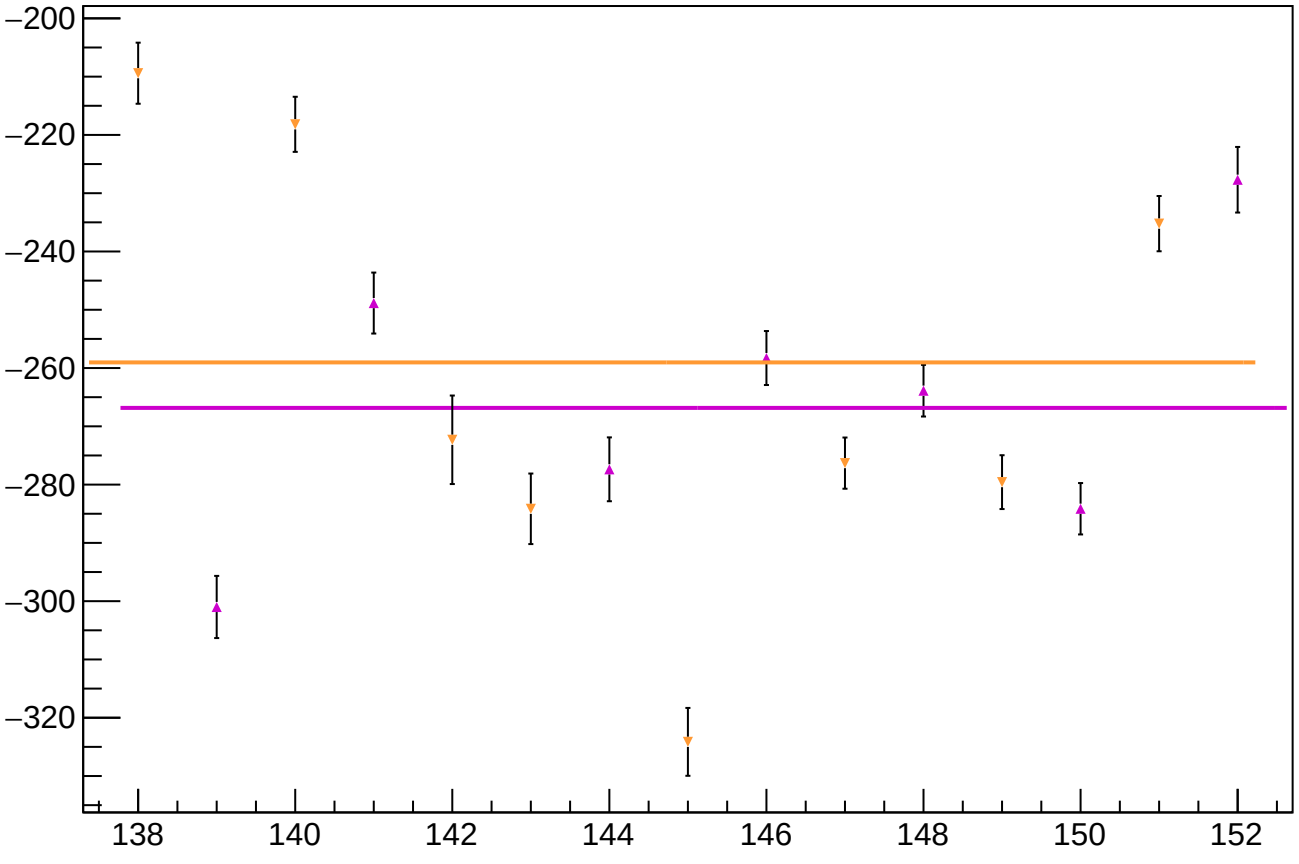
Left In: 141.789+/-0.075 χ^2/NDF:11599.5/6

+ sign 114.577+/-0.051 χ^2/NDF: 666312.8/24

All: 111.636+/-0.035 χ^2/NDF: 1440618.2/50

- sign 108.973+/-0.048 χ^2/NDF: 767958.5/25

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -259.032+/-1.830 χ^2/NDF:370.2/7

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

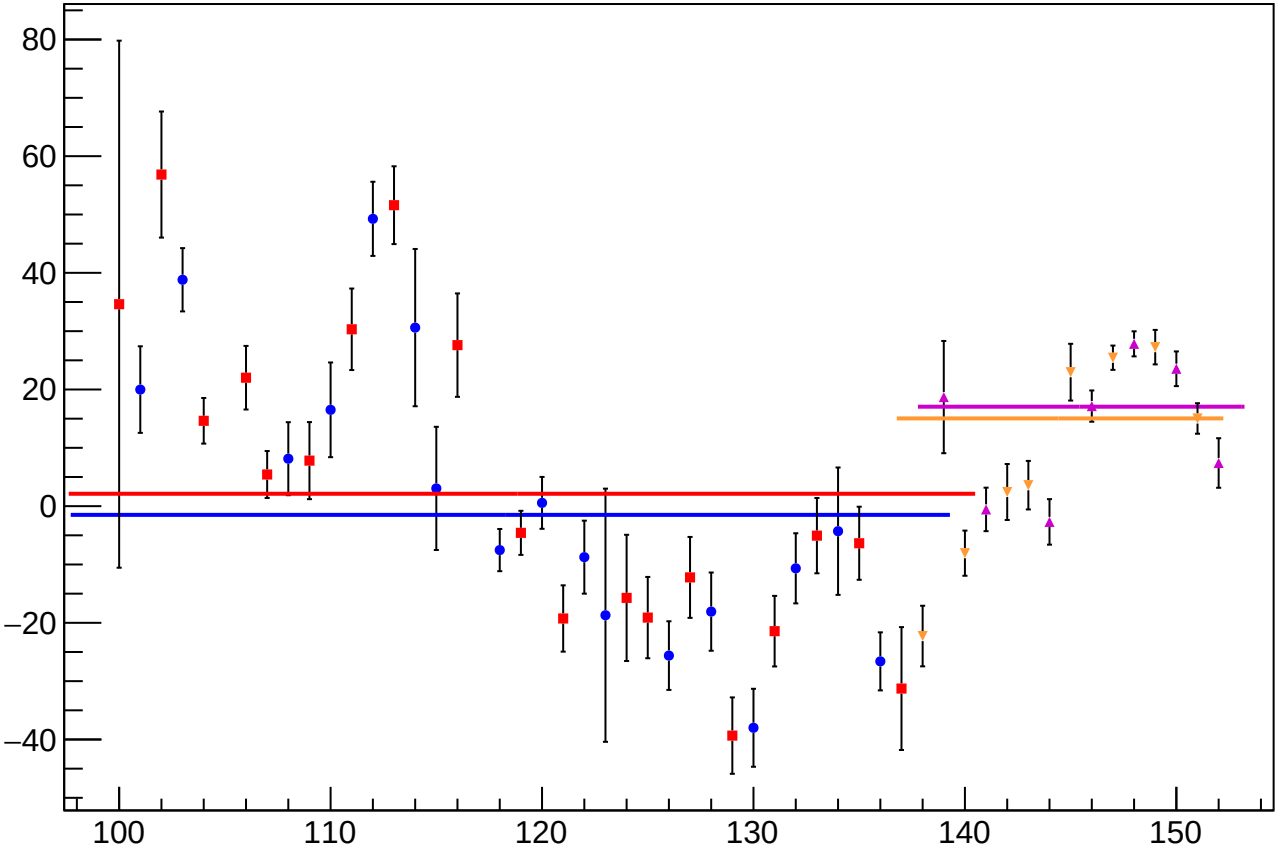
Left In: -266.838+/-1.871 χ^2/NDF:124.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -262.848+/-1.308 χ^2/NDF: 503.3/14

- 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: 15.045+/-1.163 χ^2/NDF:146.4/7

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

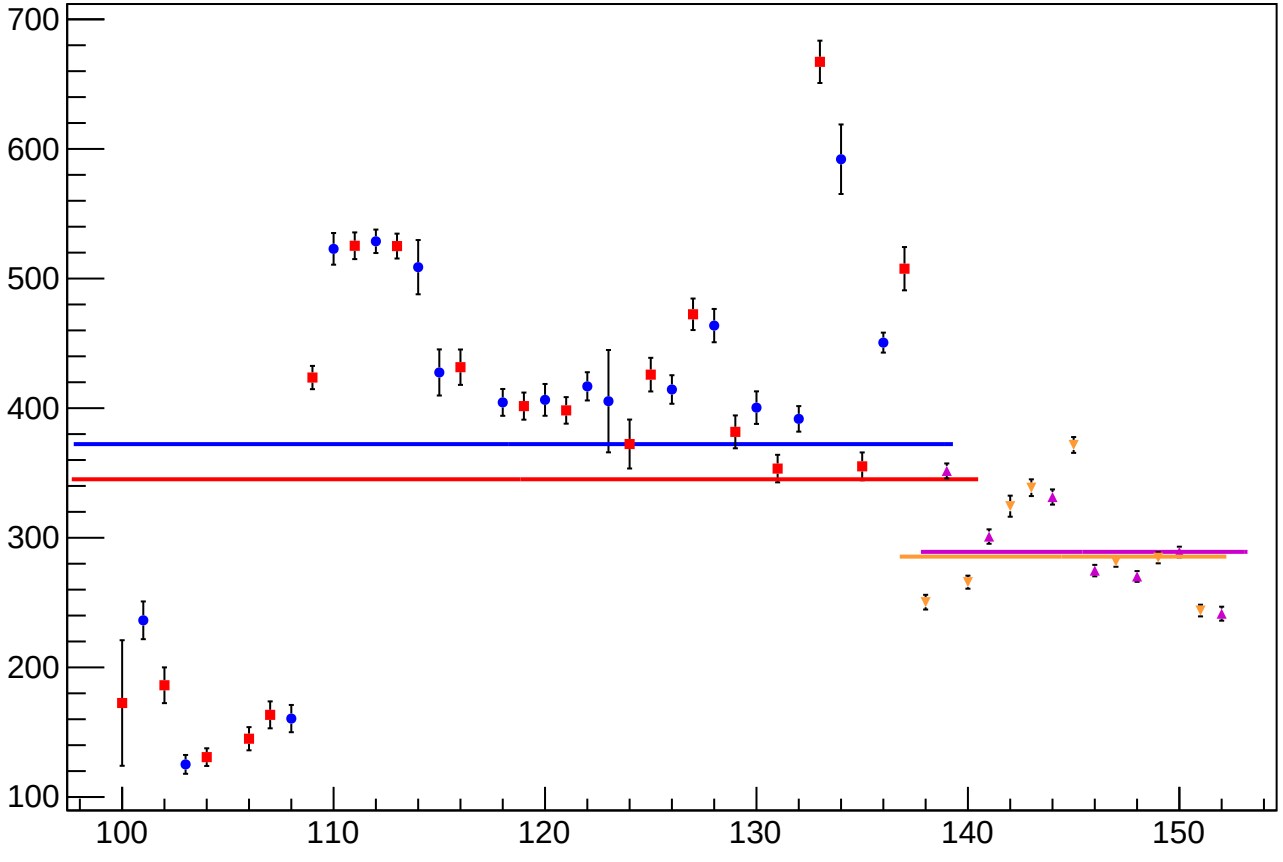
Left In: 17.051+/-1.219 χ^2/NDF:83.0/6

+ sign 8.902+/-0.922 χ^2/NDF: 447.6/24

All: 9.766+/-0.651 χ^2/NDF: 829.5/50

- sign 10.626+/-0.920 χ^2/NDF: 380.2/25

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 285.465+/-1.830 χ^2/NDF:428.8/7

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

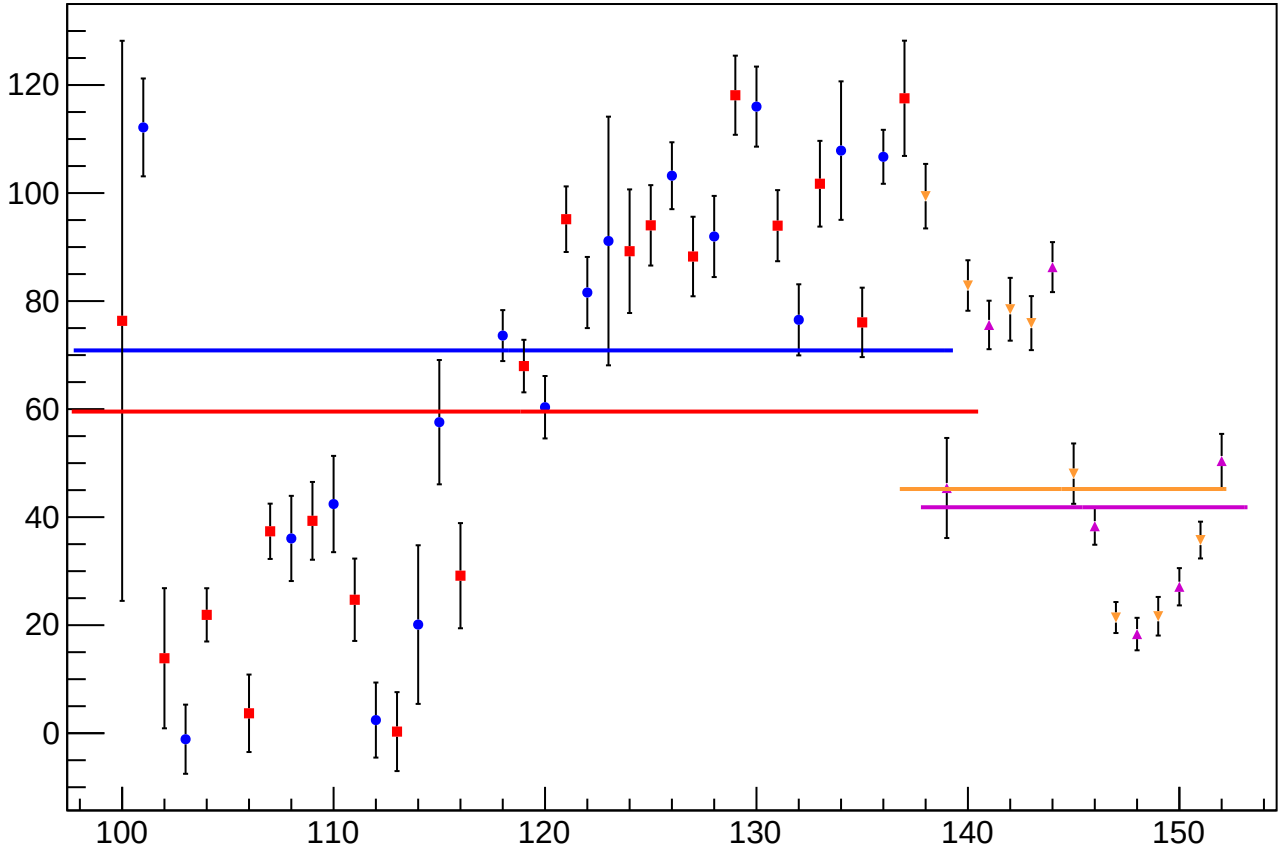
Left In: 289.137+/-1.845 χ^2/NDF:283.4/6

+ sign 311.987+/-1.525 χ^2/NDF: 3549.1/24

All: 310.090+/-1.069 χ^2/NDF: 7566.5/50

- sign 308.262+/-1.497 χ^2/NDF: 4014.4/25

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 45.209+/-1.472 χ^2/NDF:337.9/7

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

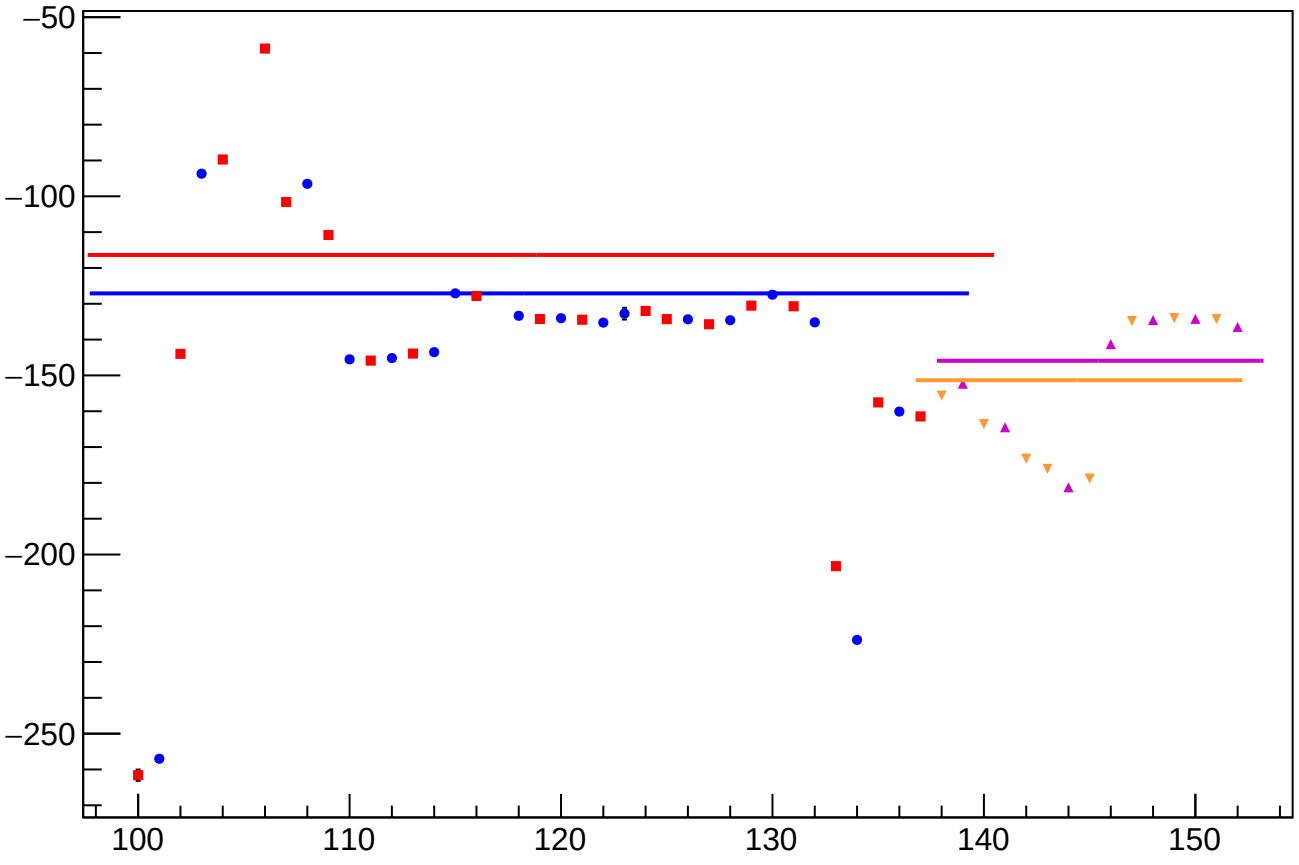
Left In: 41.831+/-1.530 χ^2/NDF:232.0/6

+ sign 55.894+/-1.125 χ^2/NDF: 891.4/24

All: 52.982+/-0.792 χ^2/NDF: 1690.3/50

- sign 50.113+/-1.117 χ^2/NDF: 785.6/25

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -151.337+/-0.078 χ^2/NDF:53429.5/7

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

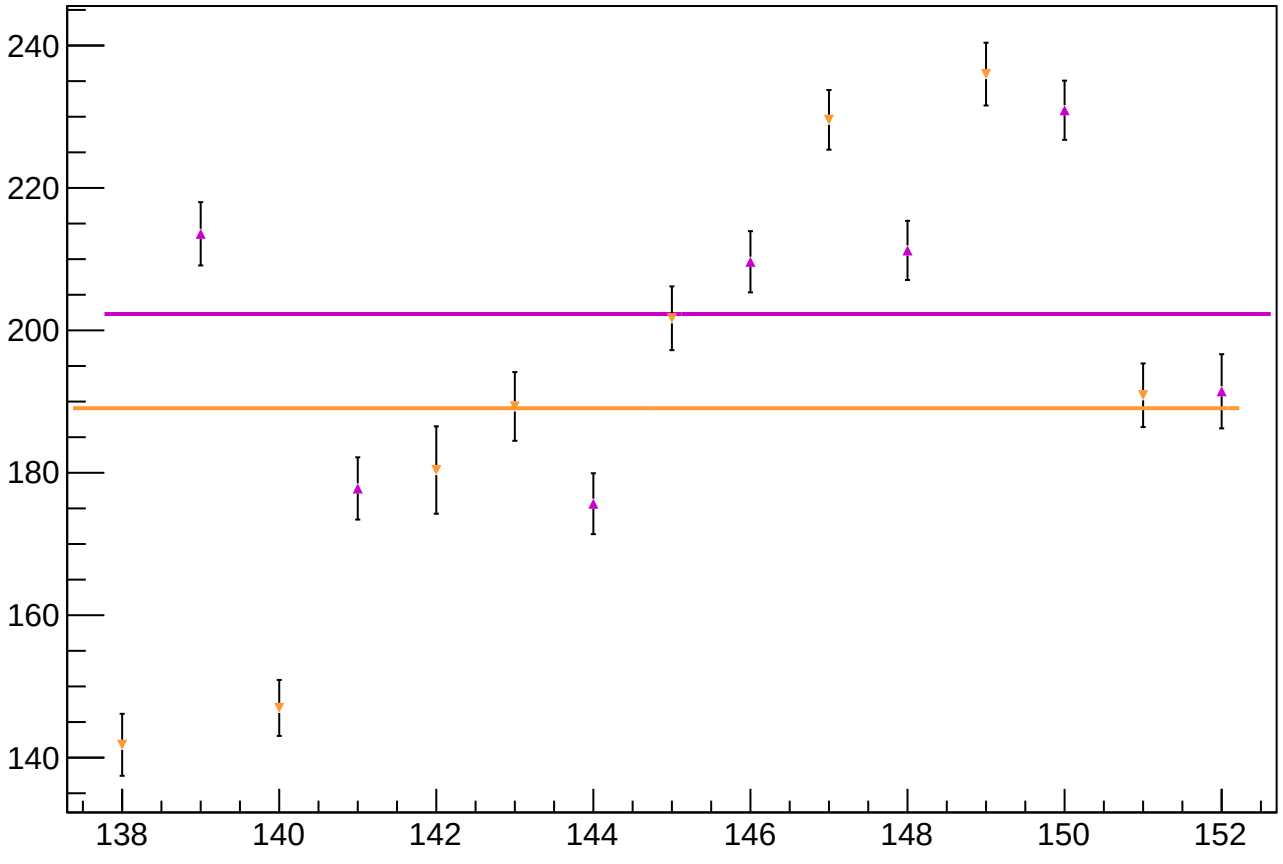
Left In: -145.918+/-0.077 χ^2/NDF:37748.3/6

+ sign -140.819+/-0.059 χ^2/NDF: 262043.2/24

All: -136.339+/-0.041 χ^2/NDF: 546626.0/50

- sign -132.230+/-0.056 χ^2/NDF: 273502.0/25

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 189.066+/-1.590 χ^2/NDF:449.3/7

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

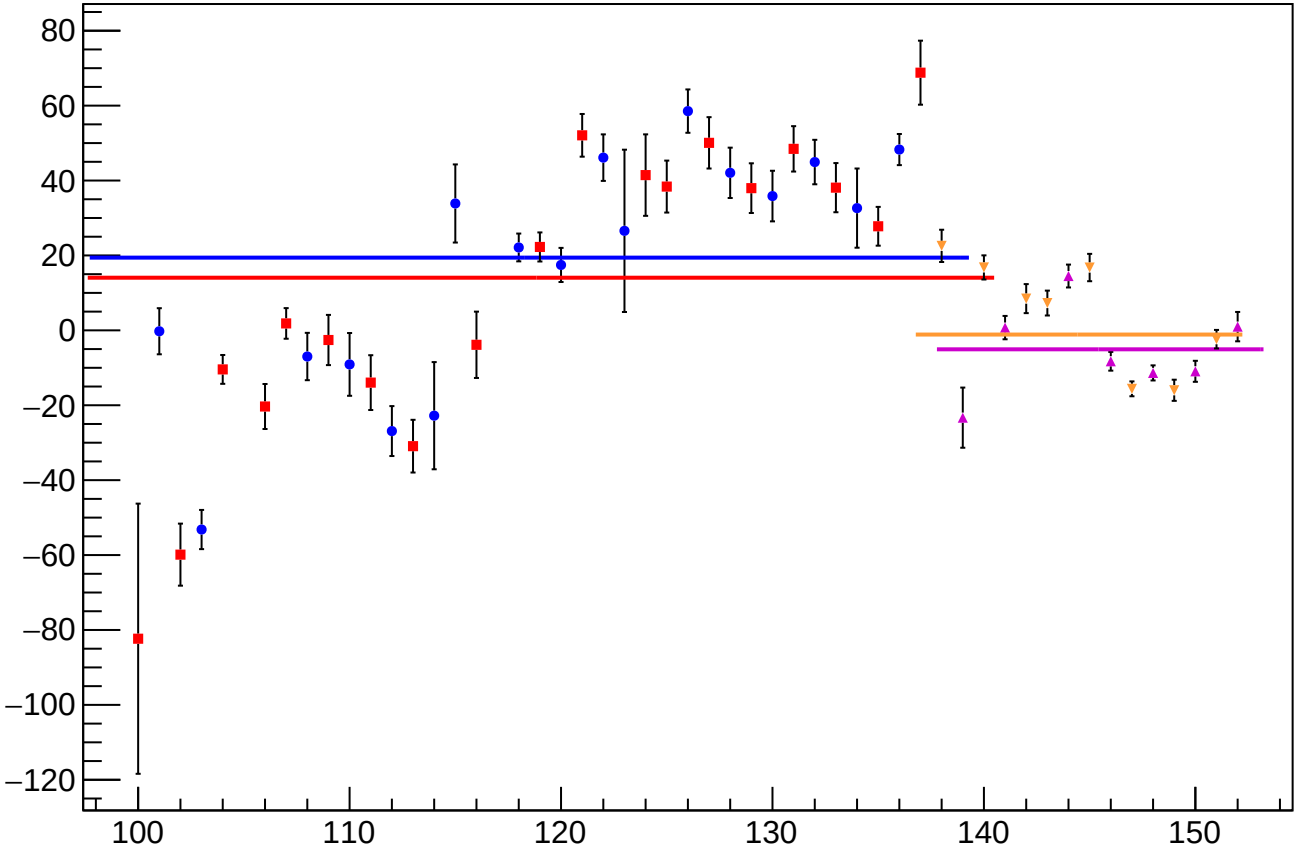
Left In: 202.300+/-1.657 χ^2/NDF:135.9/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 195.413+/-1.147 χ^2/NDF: 618.4/14

- 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: -1.123+/-1.040 χ^2/NDF:179.0/7

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

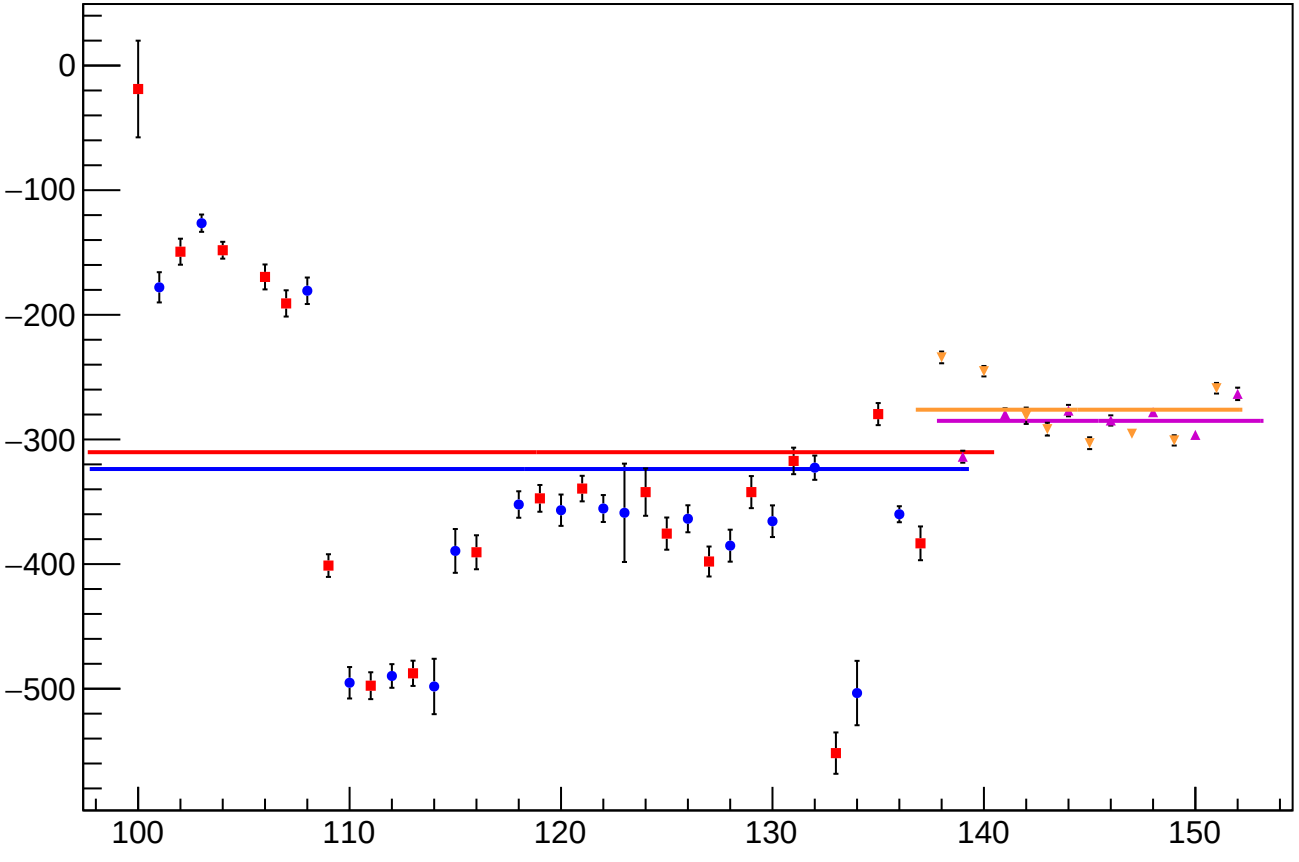
Left In: -5.065+/-1.102 χ^2/NDF:67.8/6

+ sign 5.669+/-0.851 χ^2/NDF: 749.1/24

All: 4.012+/-0.606 χ^2/NDF: 1377.1/50

- sign 2.303+/-0.864 χ^2/NDF: 620.3/25

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -276.128+/-1.608 χ^2/NDF:251.7/7

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

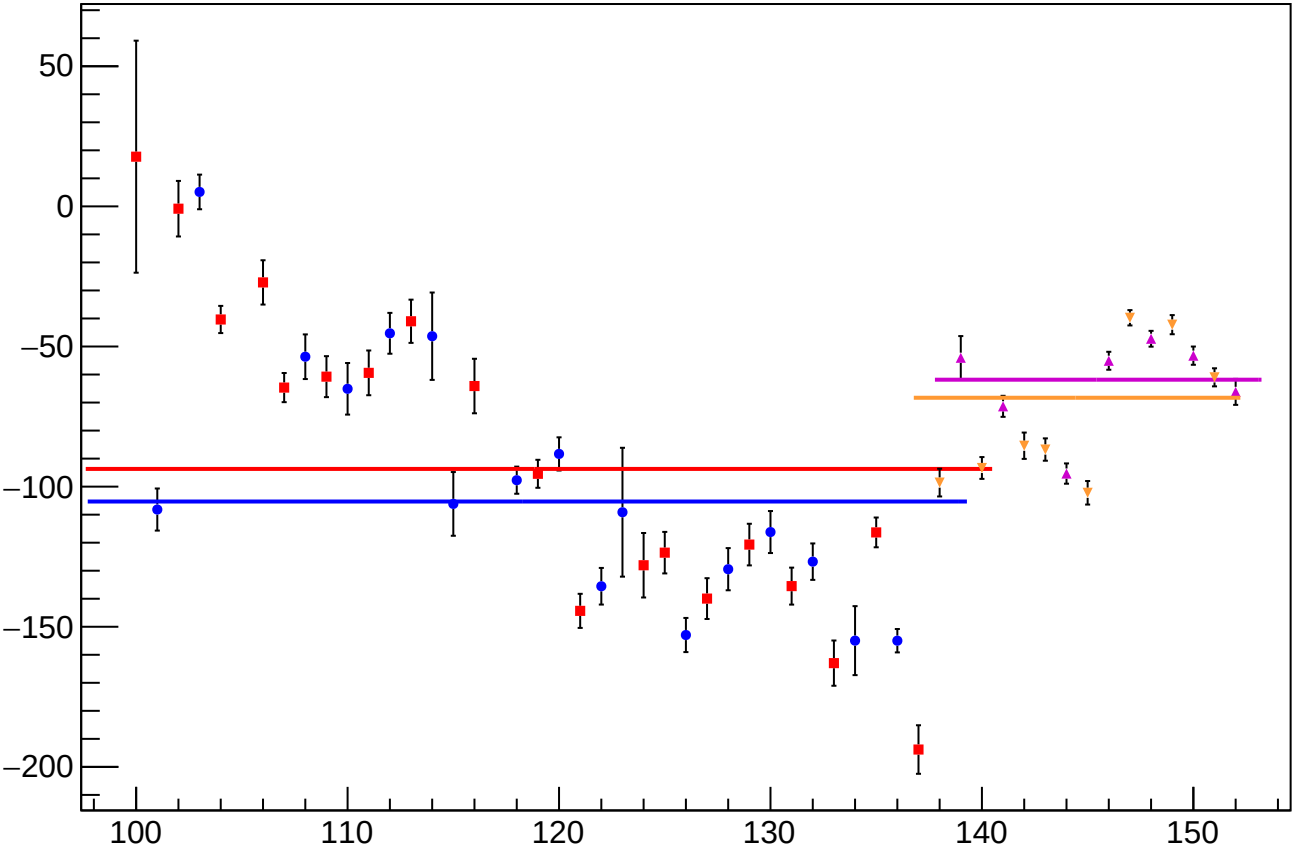
Left In: -285.073+/-1.647 χ^2/NDF:70.8/6

+ sign -288.812+/-1.377 χ^2/NDF: 2335.8/24

All: -290.698+/-0.975 χ^2/NDF: 4780.0/50

- sign -292.587+/-1.379 χ^2/NDF: 2440.5/25

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -68.286+/-1.305 χ^2/NDF:350.8/7

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

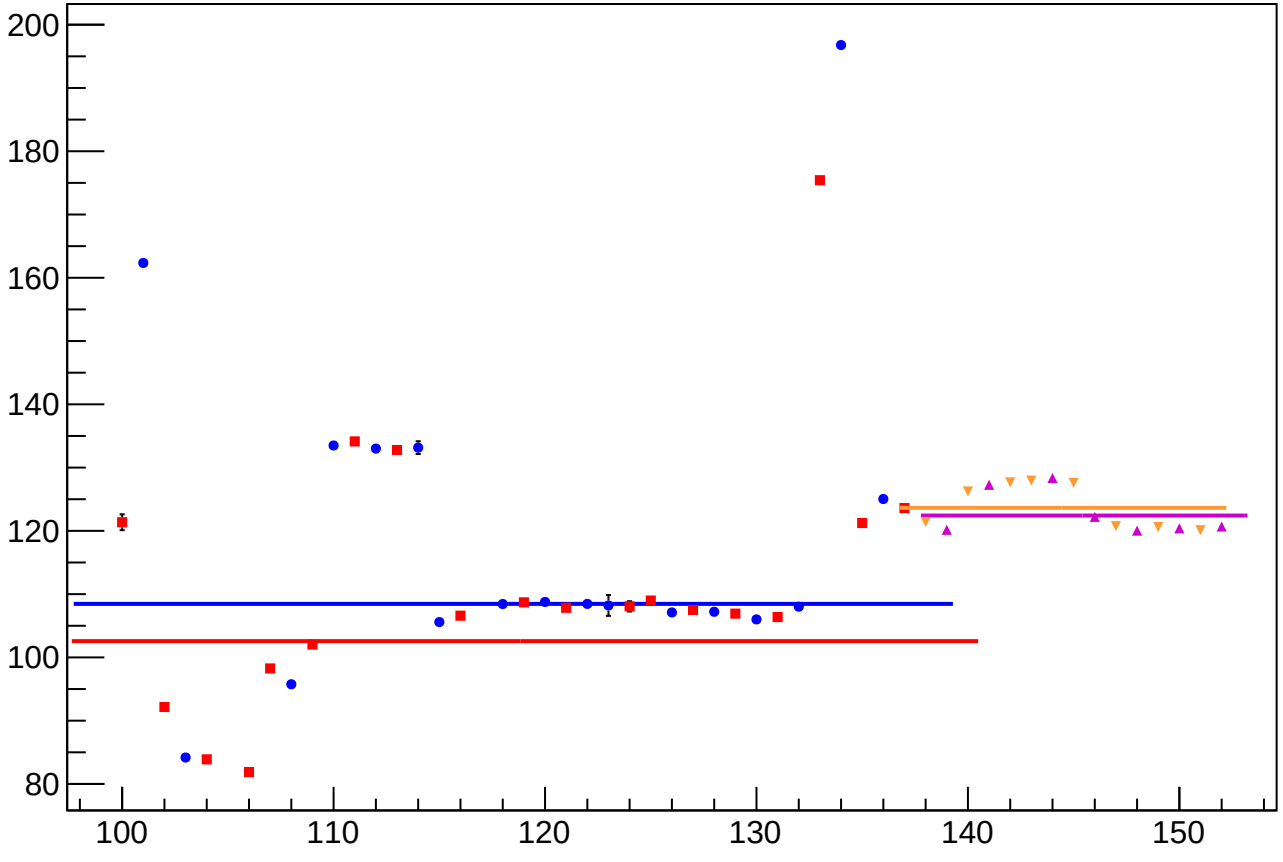
Left In: -61.844+/-1.376 χ^2/NDF:132.1/6

+ sign -82.083+/-1.034 χ^2/NDF: 1388.2/24

All: -78.717+/-0.735 χ^2/NDF: 2594.0/50

- sign -75.268+/-1.046 χ^2/NDF: 1184.3/25

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 123.644+/-0.068 χ^2/NDF:2361.4/7

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

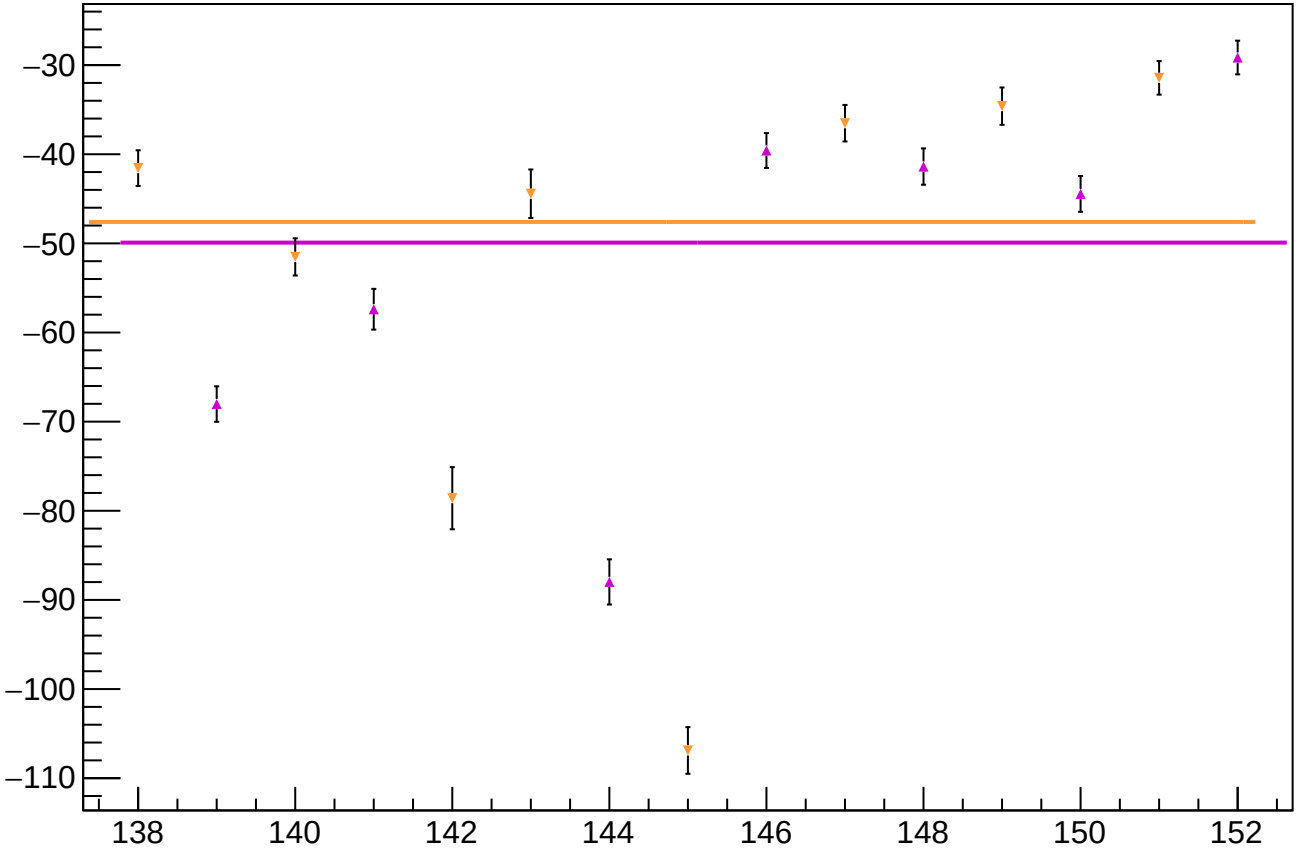
Left In: 122.419+/-0.068 χ^2/NDF:2159.3/6

+ sign 117.670+/-0.053 χ^2/NDF: 95146.6/24

All: 115.771+/-0.037 χ^2/NDF: 188755.6/50

- sign 113.961+/-0.052 χ^2/NDF: 91113.8/25

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -47.598+/-0.793 χ^2/NDF:746.9/7

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

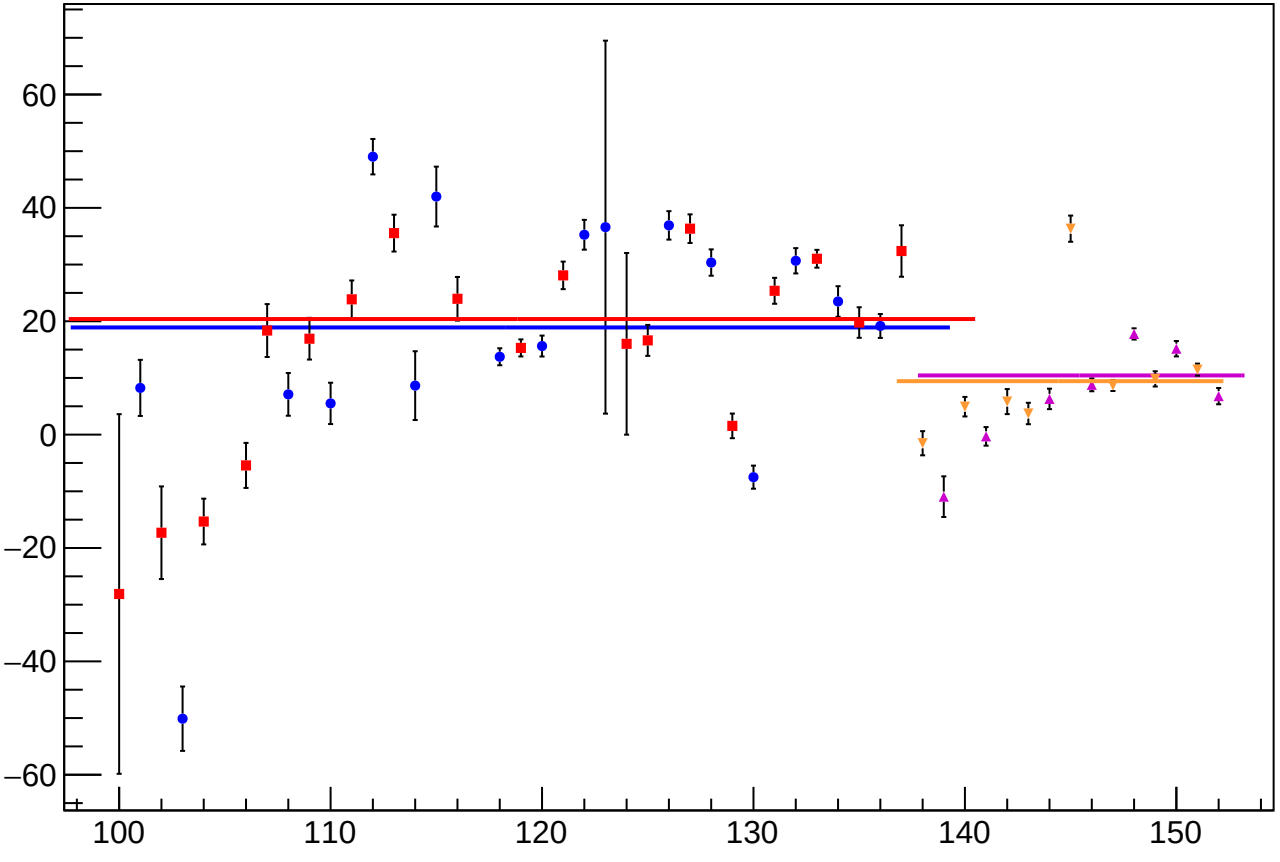
Left In: -49.916+/-0.784 χ^2/NDF:492.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -48.771+/-0.557 χ^2/NDF: 1243.6/14

- 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: 9.431+/-0.519 χ^2/NDF:184.9/7

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

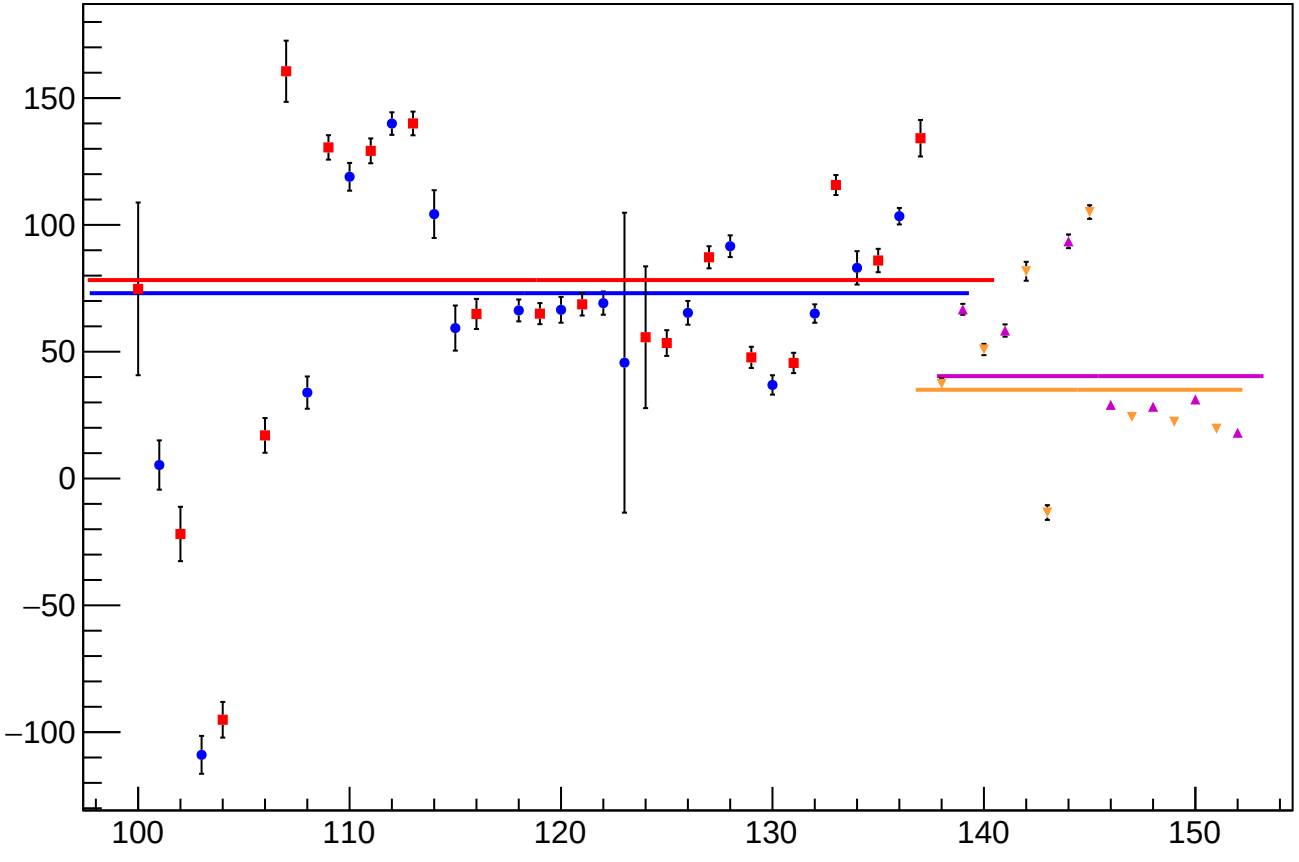
Left In: 10.439+/-0.529 χ^2/NDF:158.9/6

+ sign 13.163+/-0.404 χ^2/NDF: 935.2/24

All: 13.800+/-0.287 χ^2/NDF: 1606.9/50

- sign 14.453+/-0.409 χ^2/NDF: 666.7/25

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 34.988+/-0.795 χ^2/NDF:1303.1/7

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

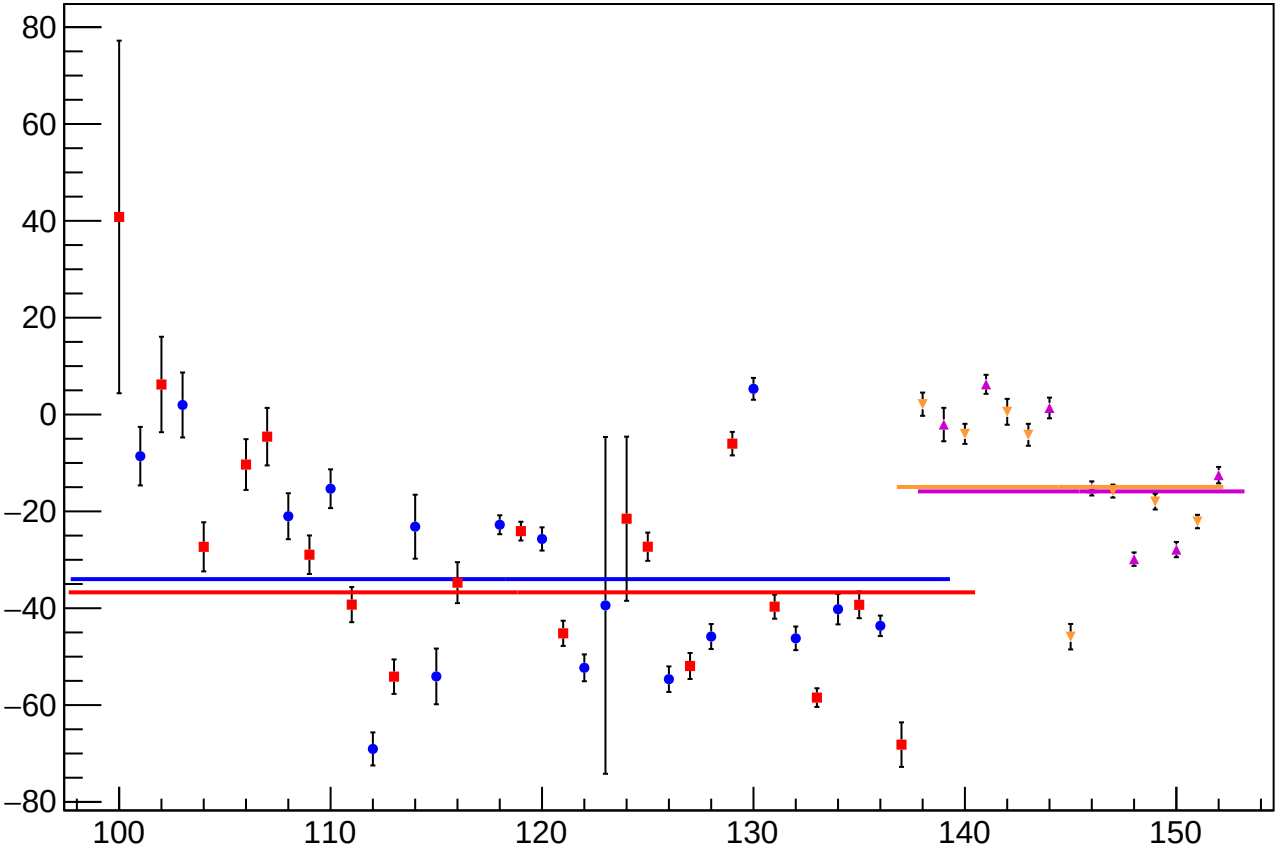
Left In: 40.371+/-0.774 χ^2/NDF:840.8/6

+ sign 46.235+/-0.667 χ^2/NDF: 3181.0/24

All: 48.773+/-0.467 χ^2/NDF: 6277.7/50

- sign 51.212+/-0.654 χ^2/NDF: 3068.3/25

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -14.954+/-0.654 χ^2/NDF:303.7/7

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

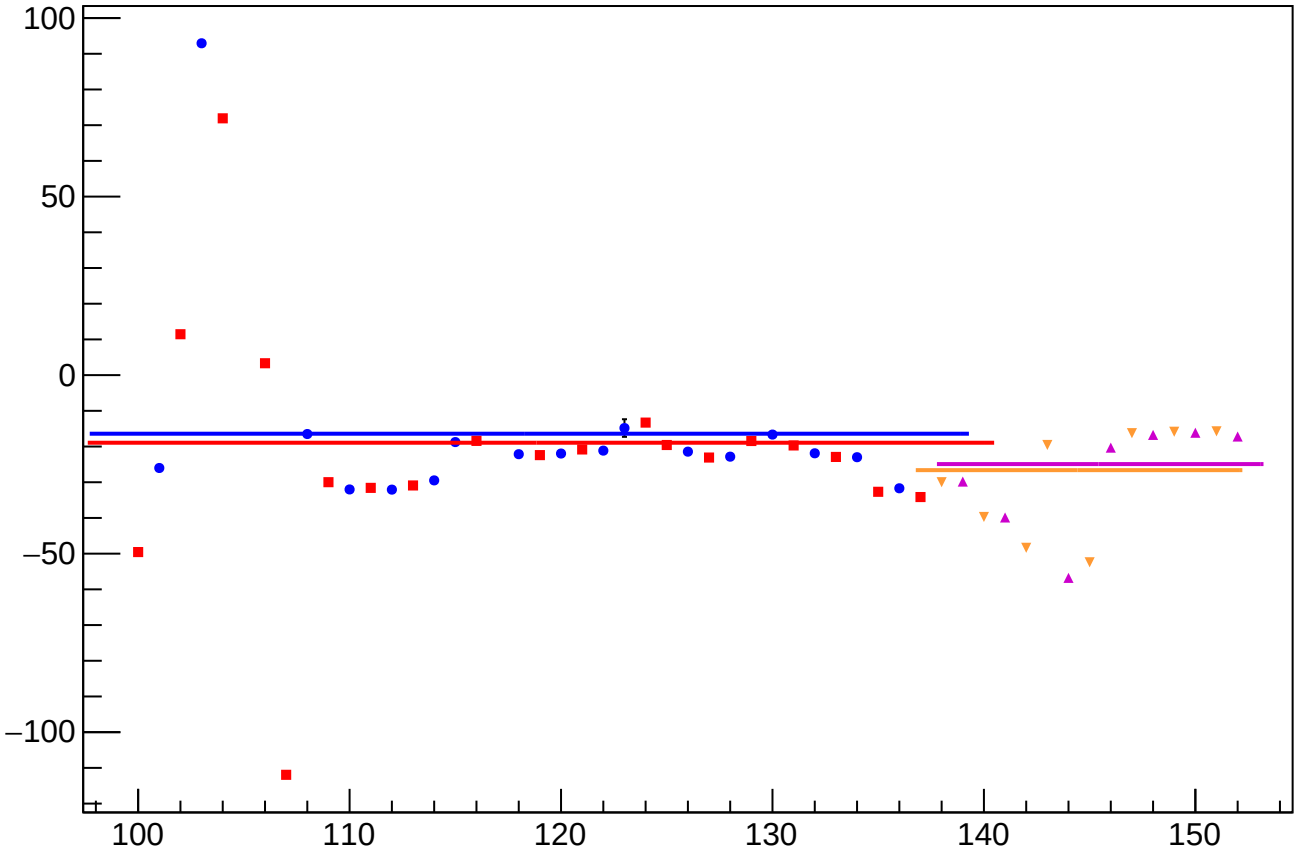
Left In: -15.874+/-0.659 χ^2/NDF:371.1/6

+ sign -23.344+/-0.489 χ^2/NDF: 1397.4/24

All: -24.239+/-0.347 χ^2/NDF: 2762.7/50

- sign -25.144+/-0.491 χ^2/NDF: 1358.5/25

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -26.614+/-0.034 χ^2/NDF:151611.9/7

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

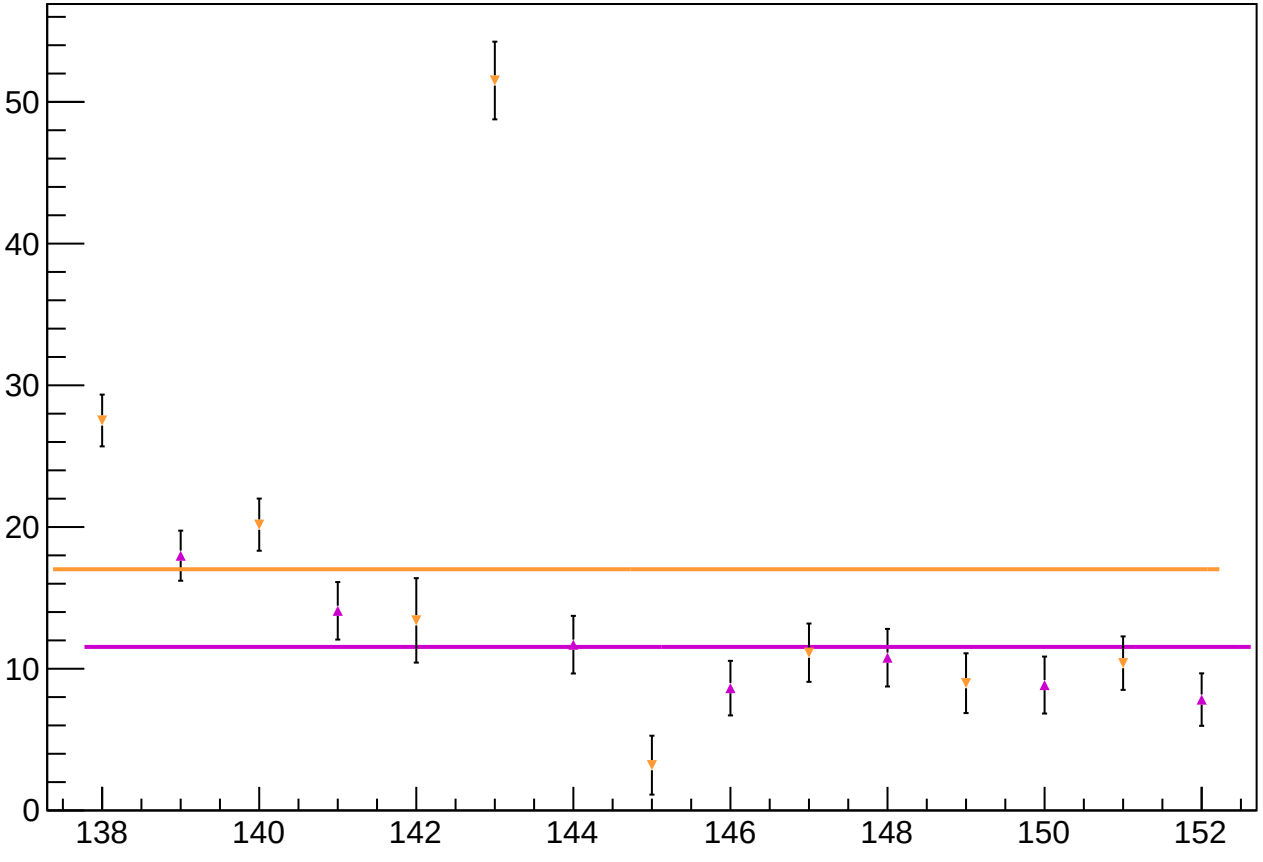
Left In: -24.913+/-0.032 χ^2/NDF:135305.8/6

+ sign -22.884+/-0.027 χ^2/NDF: 659475.4/24

All: -22.901+/-0.019 χ^2/NDF: 1240572.7/50

- sign -22.918+/-0.026 χ^2/NDF: 581096.4/25

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 17.020+/-0.742 χ^2/NDF:275.0/7

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

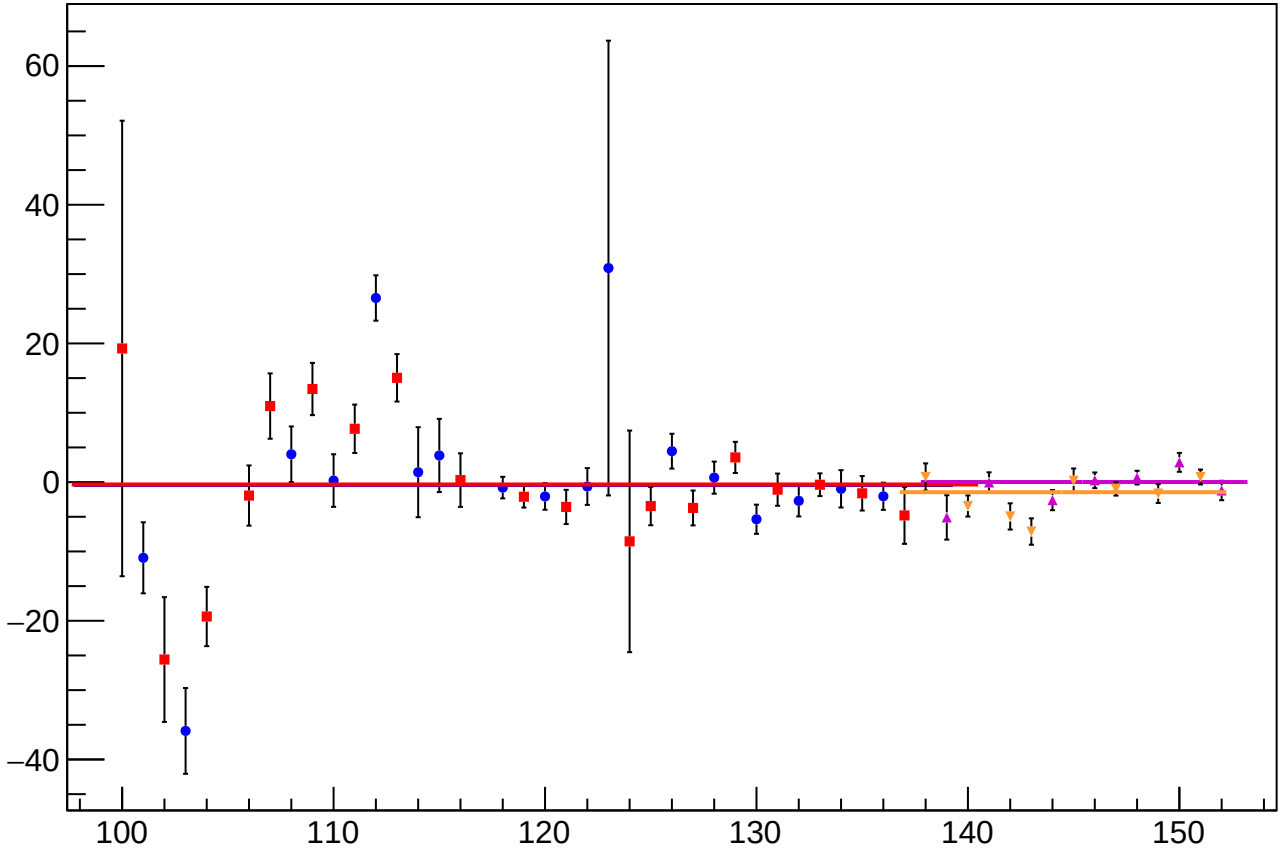
Left In: 11.540+/-0.734 χ^2/NDF:23.1/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 14.249+/-0.522 χ^2/NDF: 325.6/14

- 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: -1.454+/-0.499 χ^2/NDF:20.6/7

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

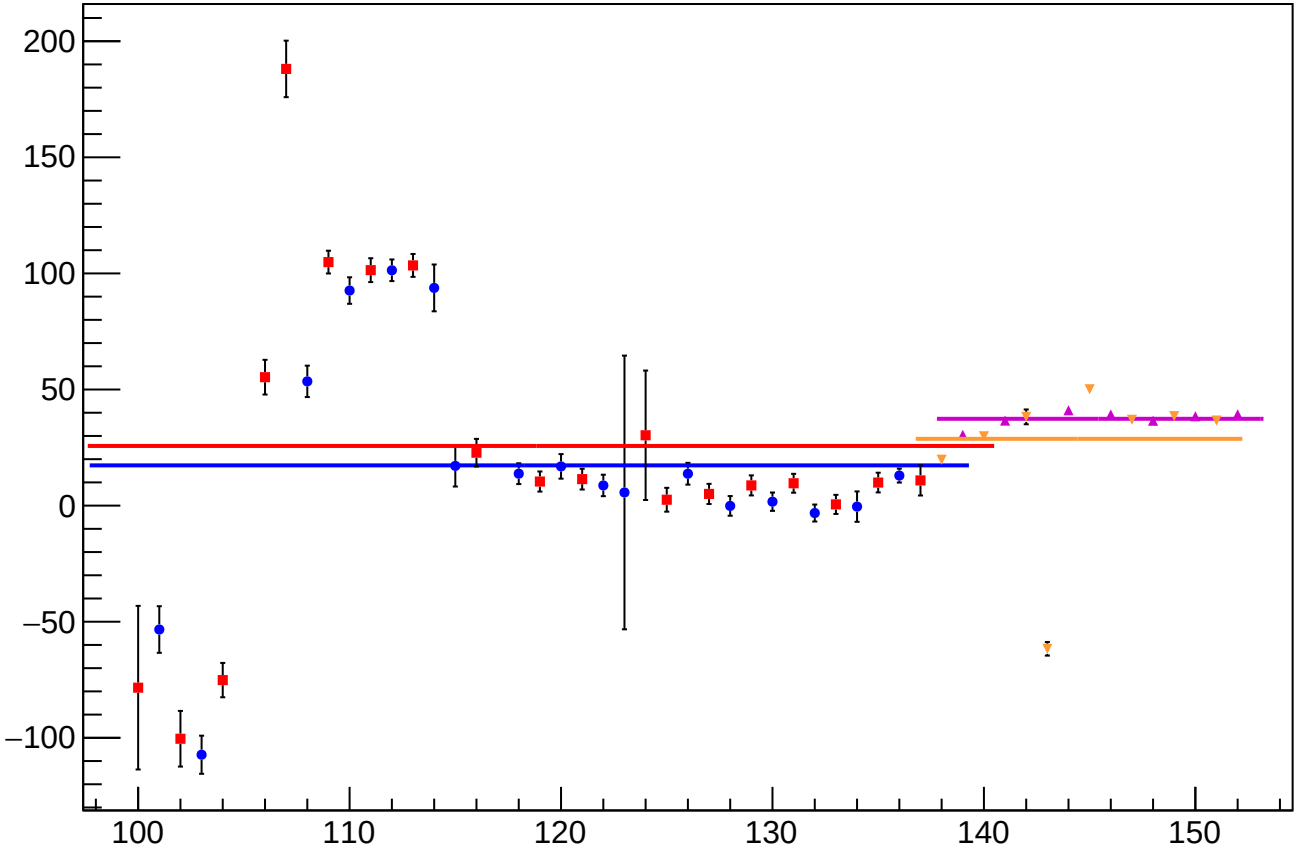
Left In: 0.012+/-0.507 χ^2/NDF:11.3/6

+ sign -1.071+/-0.396 χ^2/NDF: 142.1/24

All: -0.602+/-0.282 χ^2/NDF: 240.2/50

- sign -0.120+/-0.401 χ^2/NDF: 95.2/25

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 28.769+/-0.751 χ^2/NDF:1142.7/7

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

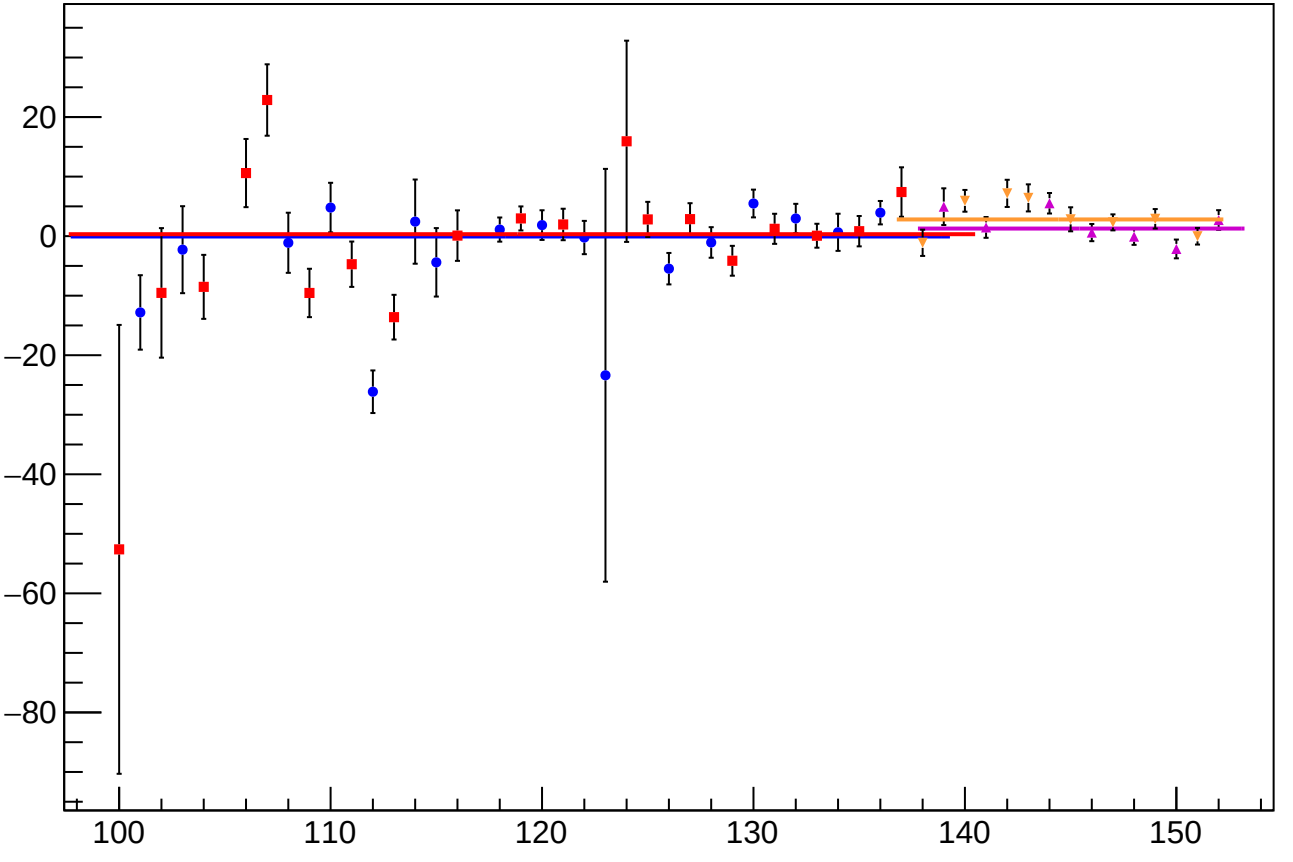
Left In: 37.387+/-0.731 χ^2/NDF:18.7/6

+ sign 25.696+/-0.642 χ^2/NDF: 2148.2/24

All: 30.120+/-0.450 χ^2/NDF: 3705.0/50

- sign 34.382+/-0.630 χ^2/NDF: 1463.5/25

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 2.804+/-0.623 χ^2/NDF:16.5/7

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

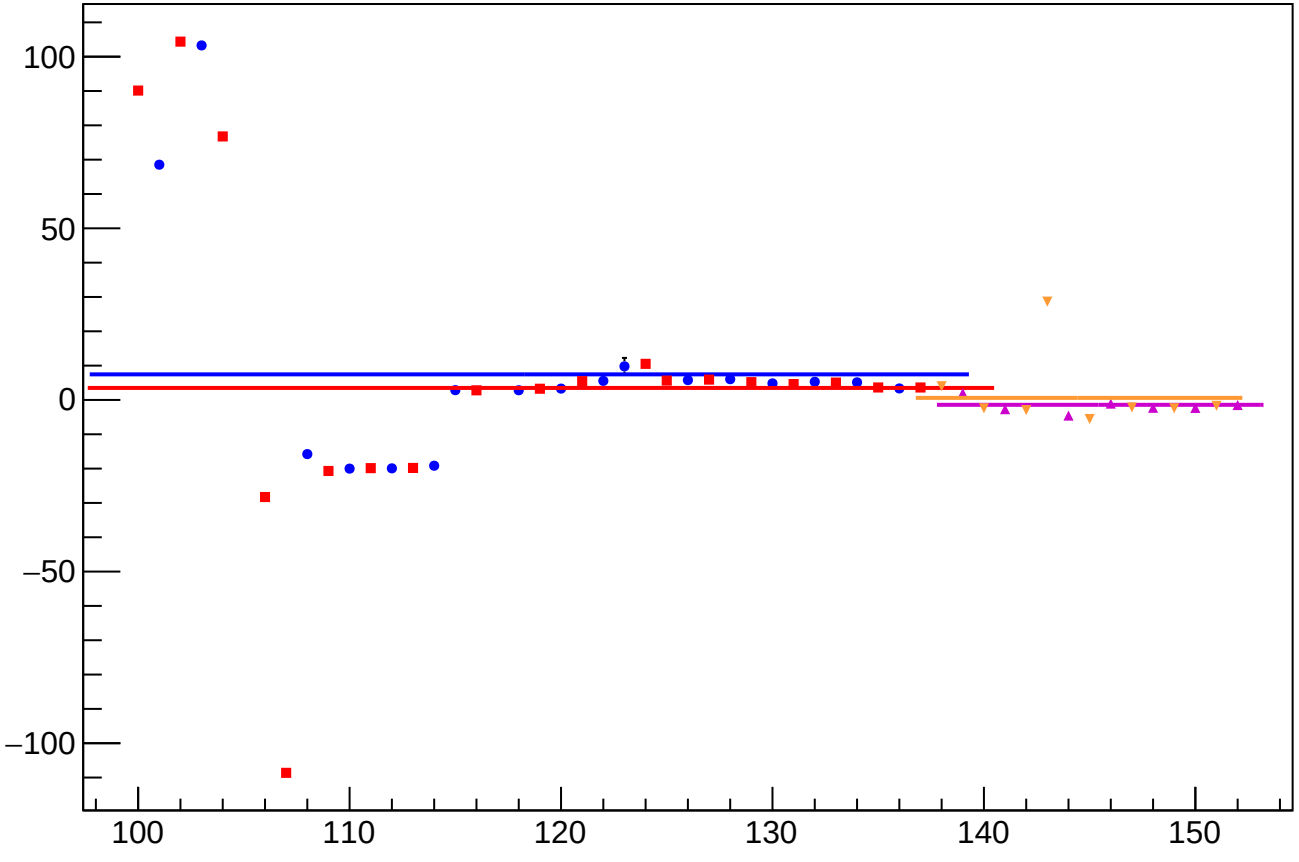
Left In: 1.272+/-0.628 χ^2/NDF:14.2/6

+ sign 1.622+/-0.478 χ^2/NDF: 101.8/24

All: 1.255+/-0.339 χ^2/NDF: 173.2/50

- sign 0.882+/-0.481 χ^2/NDF: 70.2/25

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: 0.606+/-0.032 χ^2/NDF:69550.8/7

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

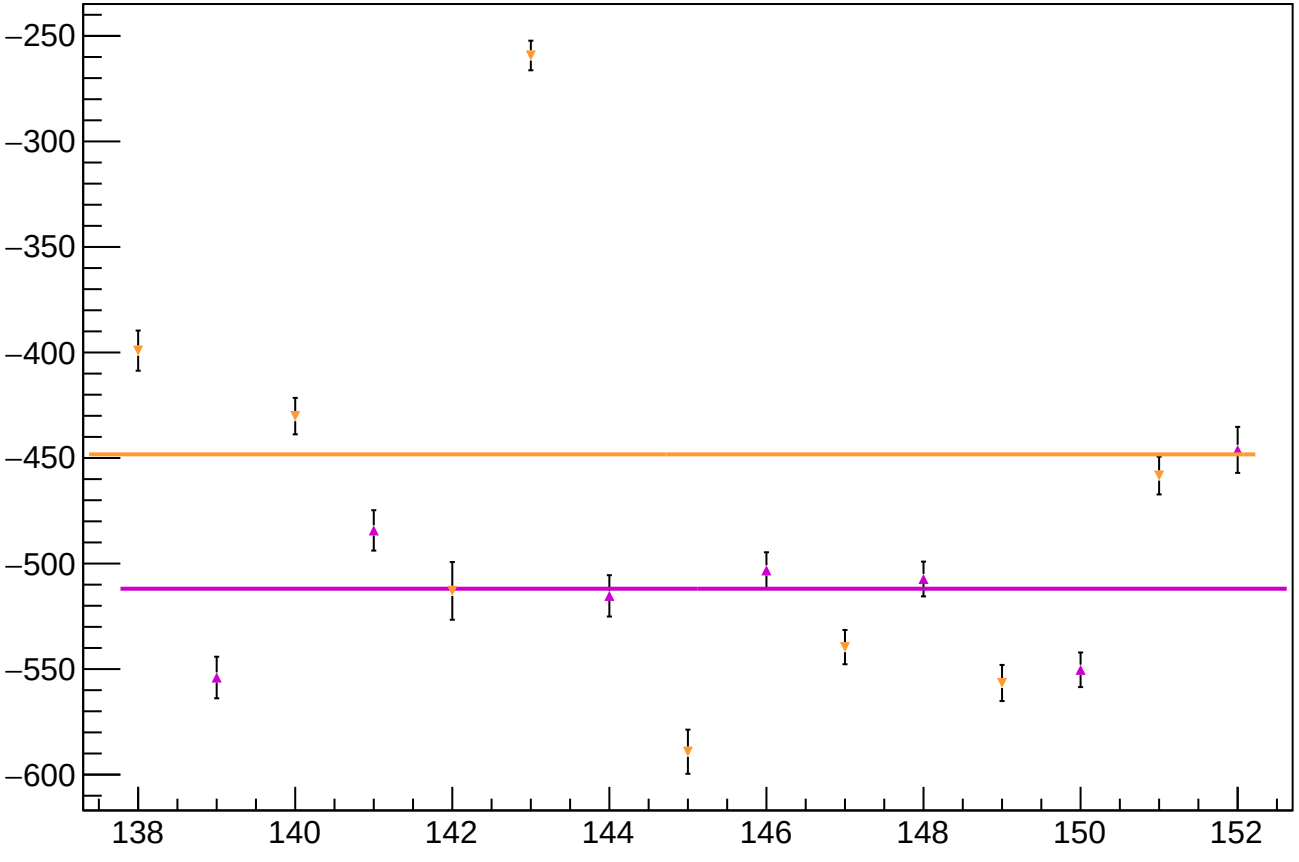
Left In: -1.419+/-0.030 χ^2/NDF:4132.6/6

+ sign 2.907+/-0.026 χ^2/NDF: 441386.1/24

All: 1.458+/-0.018 χ^2/NDF: 970401.1/50

- sign 0.078+/-0.025 χ^2/NDF: 522833.5/25

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -448.269+/-3.154 χ^2/NDF:1247.9/7

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

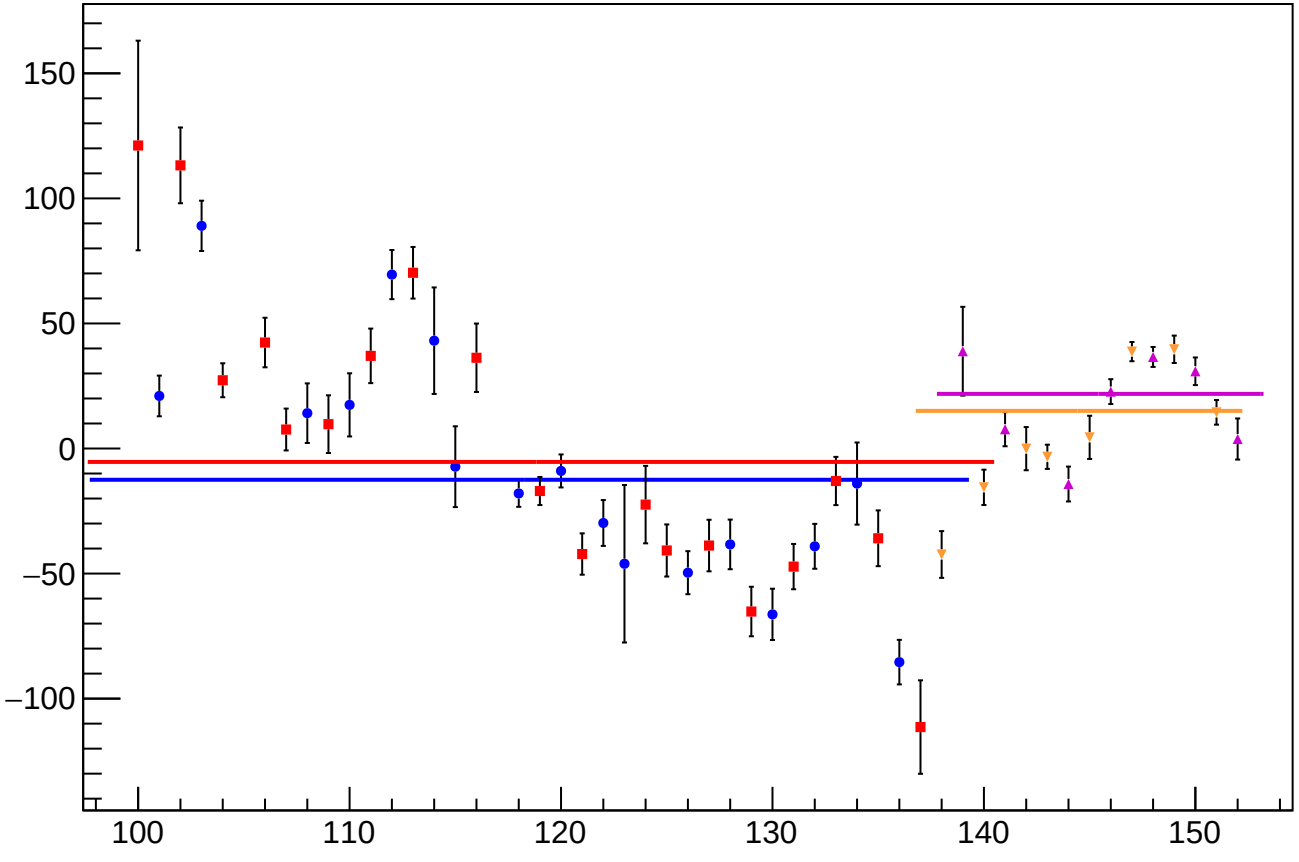
Left In: -511.928+/-3.465 χ^2/NDF:86.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -477.113+/-2.332 χ^2/NDF: 1518.9/14

- 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: 15.045+/-2.028 χ^2/NDF:133.6/7

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

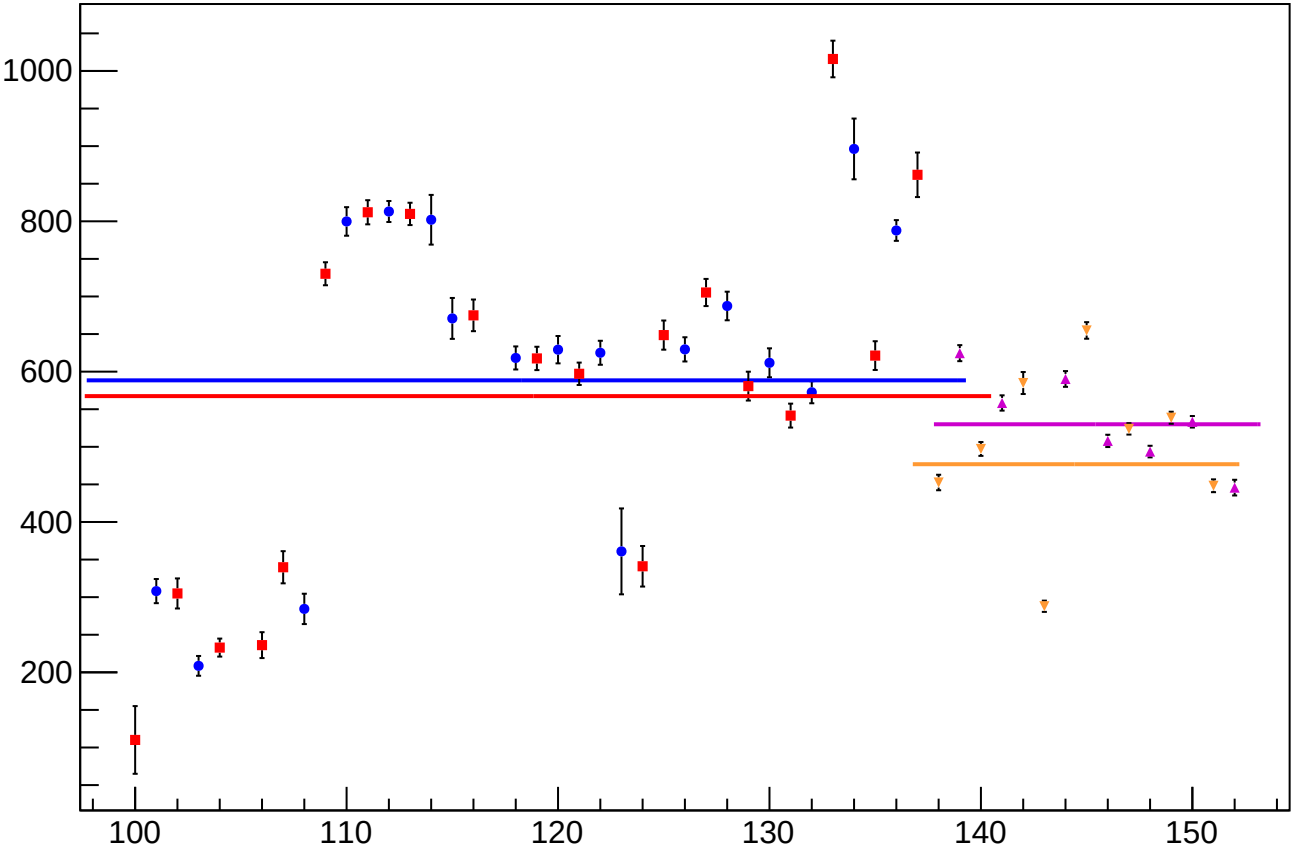
Left In: 21.849+/-2.259 χ^2/NDF:53.1/6

+ sign 3.061+/-1.524 χ^2/NDF: 555.0/24

All: 5.545+/-1.103 χ^2/NDF: 1030.7/50

- sign 8.278+/-1.599 χ^2/NDF: 470.1/25

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 476.862+/-3.183 χ^2/NDF:1071.4/7

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

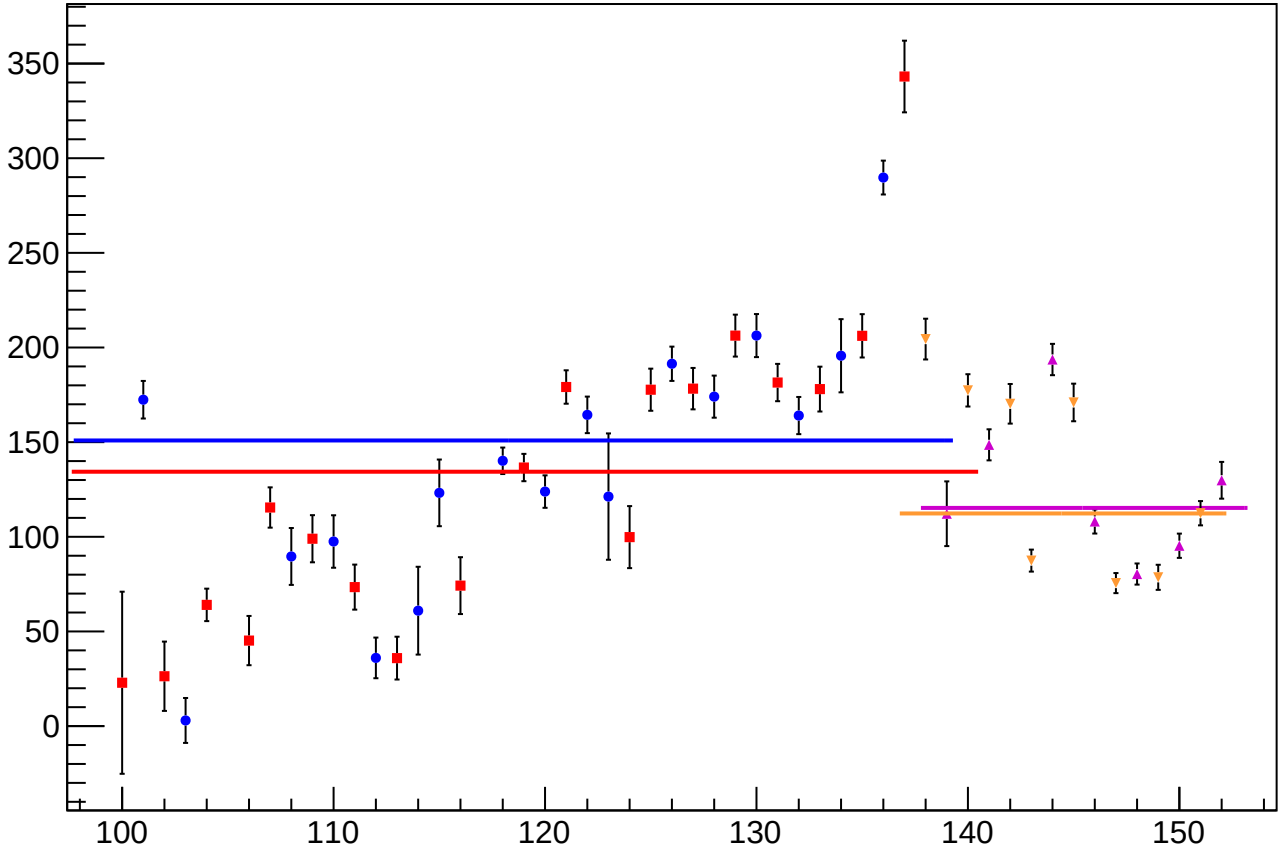
Left In: 529.998+/-3.421 χ^2/NDF:214.2/6

+ sign 516.110+/-2.563 χ^2/NDF: 3633.8/24

All: 530.247+/-1.838 χ^2/NDF: 6744.2/50

- sign 545.210+/-2.636 χ^2/NDF: 3047.7/25

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 112.329+/-2.549 χ^2/NDF:289.2/7

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

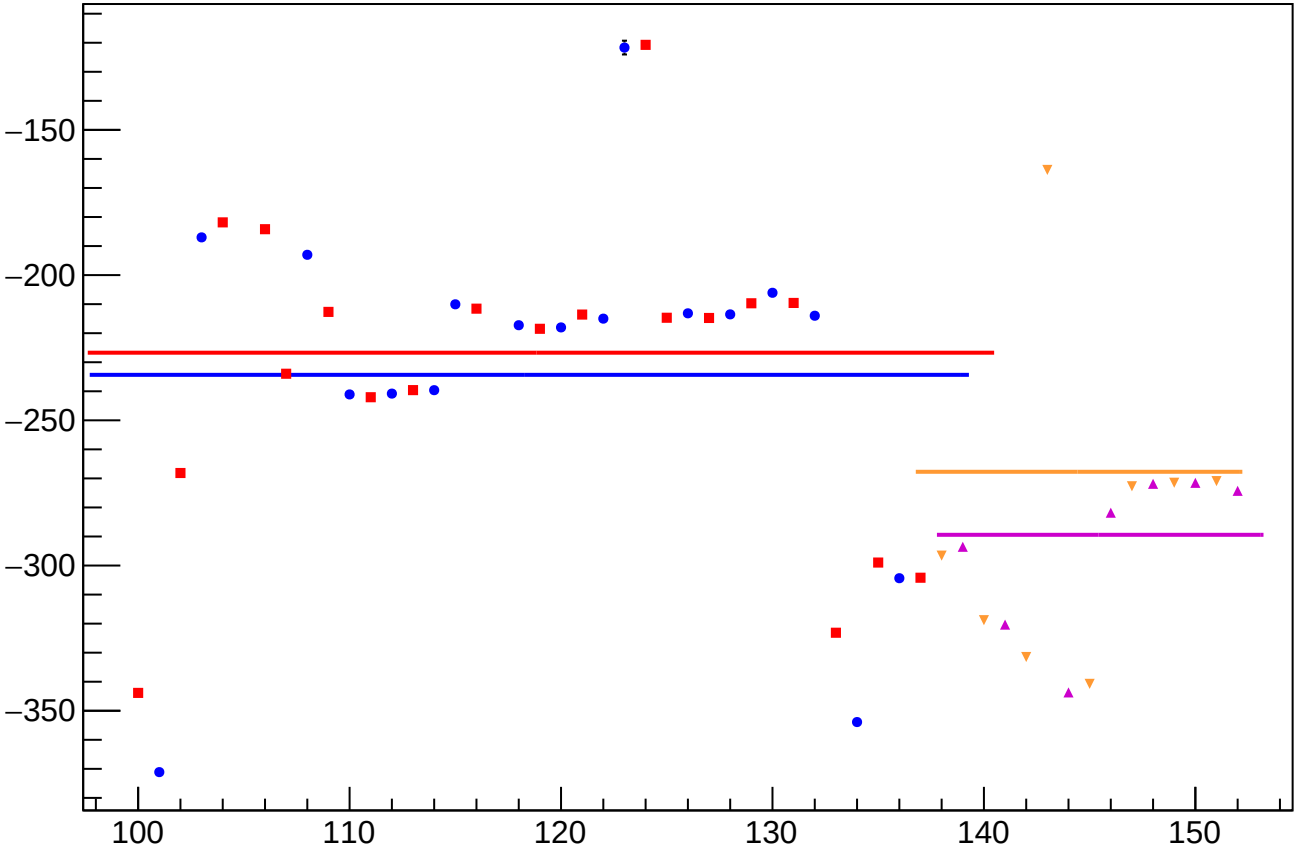
Left In: 115.263+/-2.834 χ^2/NDF:158.7/6

+ sign 130.689+/-1.845 χ^2/NDF: 1032.9/24

All: 128.237+/-1.332 χ^2/NDF: 1804.7/50

- sign 125.571+/-1.924 χ^2/NDF: 768.1/25

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -267.718+/-0.135 χ^2/NDF:180930.1/7

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

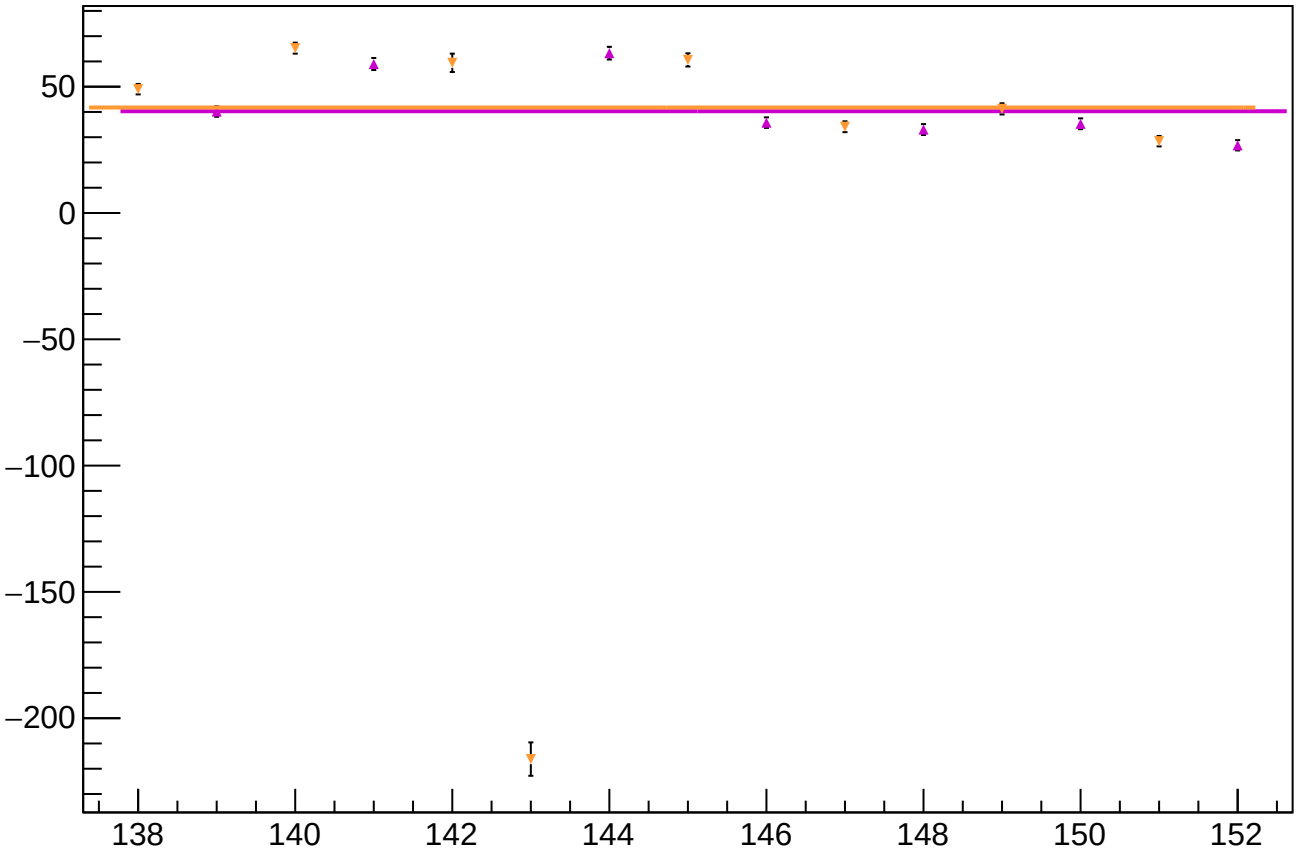
Left In: -289.418+/-0.143 χ^2/NDF:27350.5/6

+ sign -252.580+/-0.100 χ^2/NDF: 353771.8/24

All: -255.136+/-0.071 χ^2/NDF: 579223.9/50

- sign -257.724+/-0.100 χ^2/NDF: 224133.8/25

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 41.761+/-0.862 χ^2/NDF:1780.9/7

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

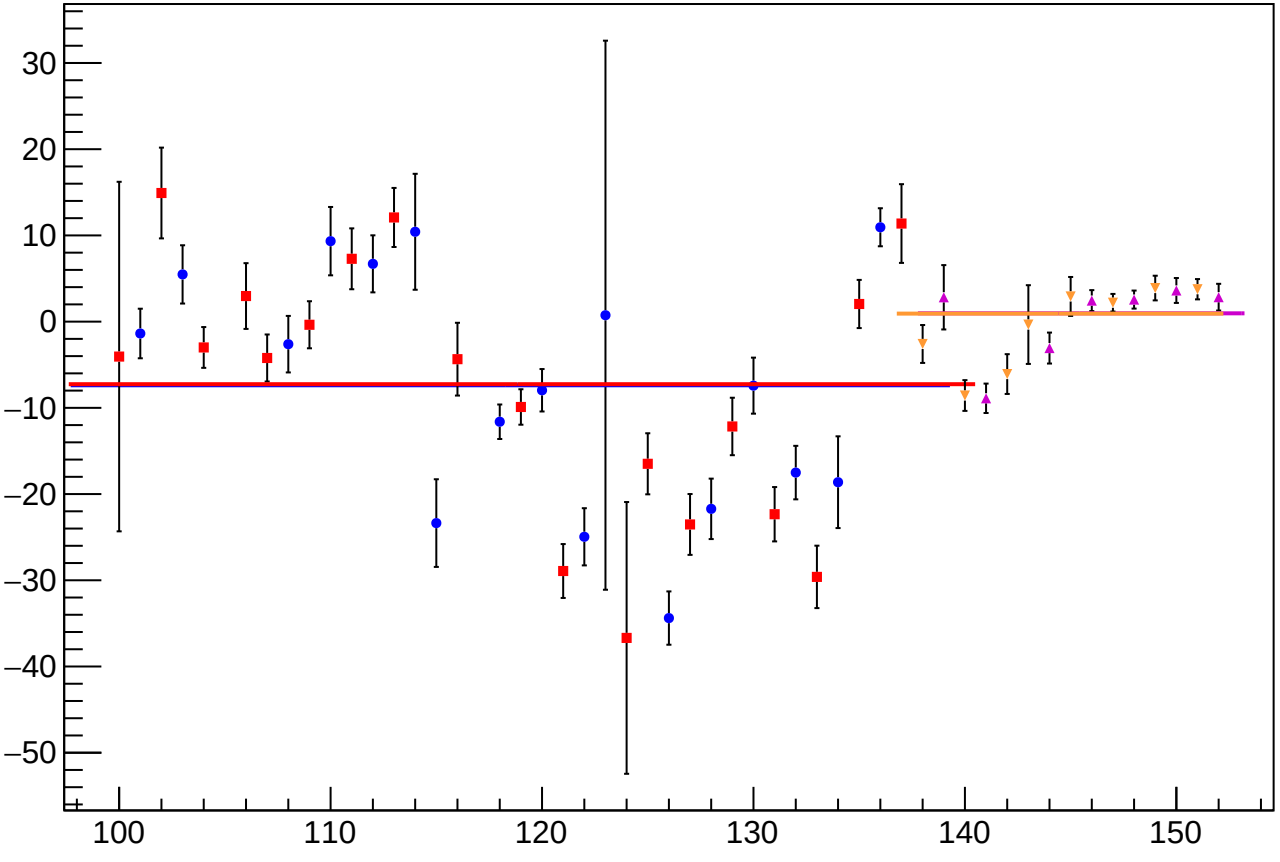
Left In: 40.281+/-0.824 χ^2/NDF:210.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 40.987+/-0.596 χ^2/NDF: 1992.6/14

- 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: 0.931+/-0.566 χ^2/NDF:52.7/7

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

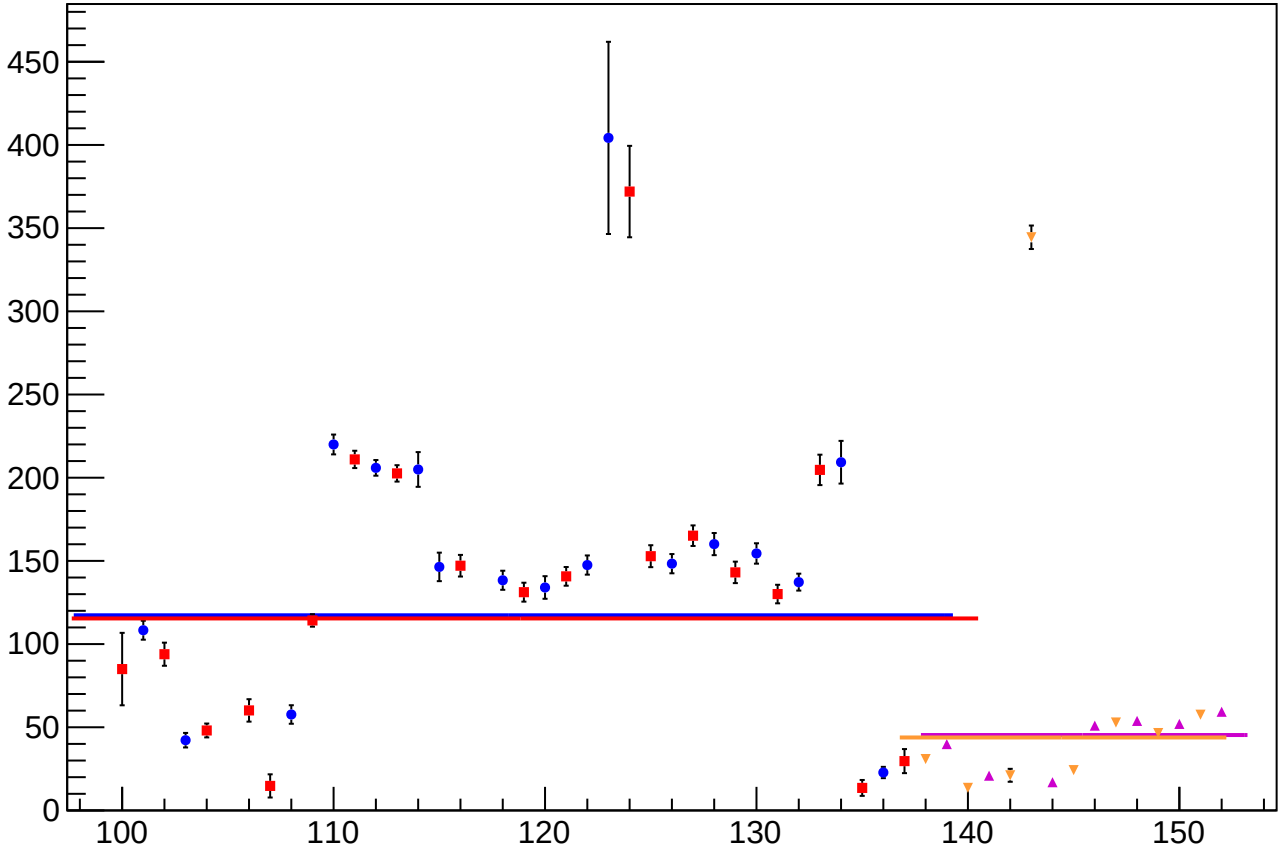
Left In: 0.964+/-0.558 χ^2/NDF:47.3/6

+ sign -1.940+/-0.458 χ^2/NDF: 410.8/24

All: -1.922+/-0.321 χ^2/NDF: 791.2/50

- sign -1.905+/-0.450 χ^2/NDF: 380.4/25

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 43.863+/-0.863 χ^2/NDF:2175.5/7

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

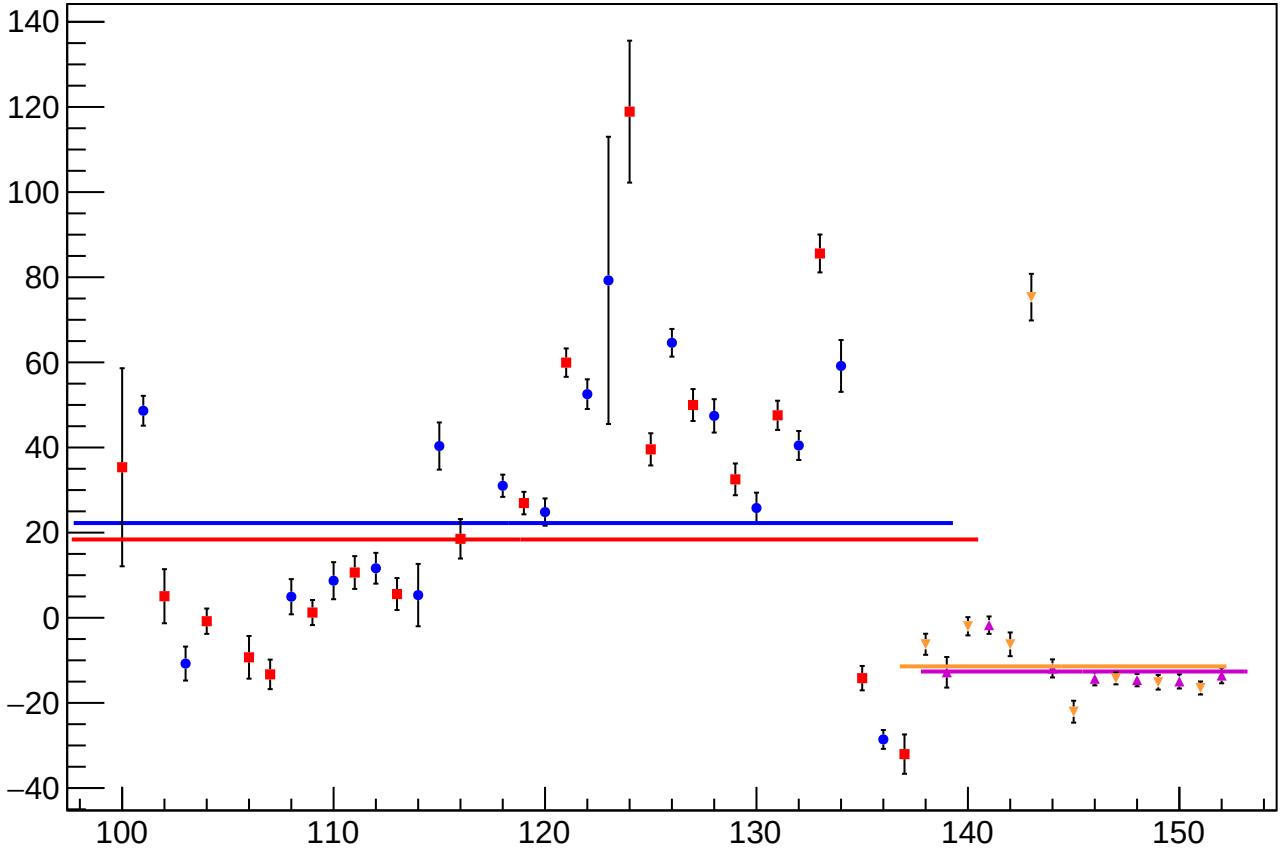
Left In: 45.334+/-0.816 χ^2/NDF:298.3/6

+ sign 63.907+/-0.736 χ^2/NDF: 6313.2/24

All: 63.884+/-0.507 χ^2/NDF: 10712.9/50

- sign 63.863+/-0.700 χ^2/NDF: 4399.7/25

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: -11.420+/-0.714 χ^2/NDF:314.9/7

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

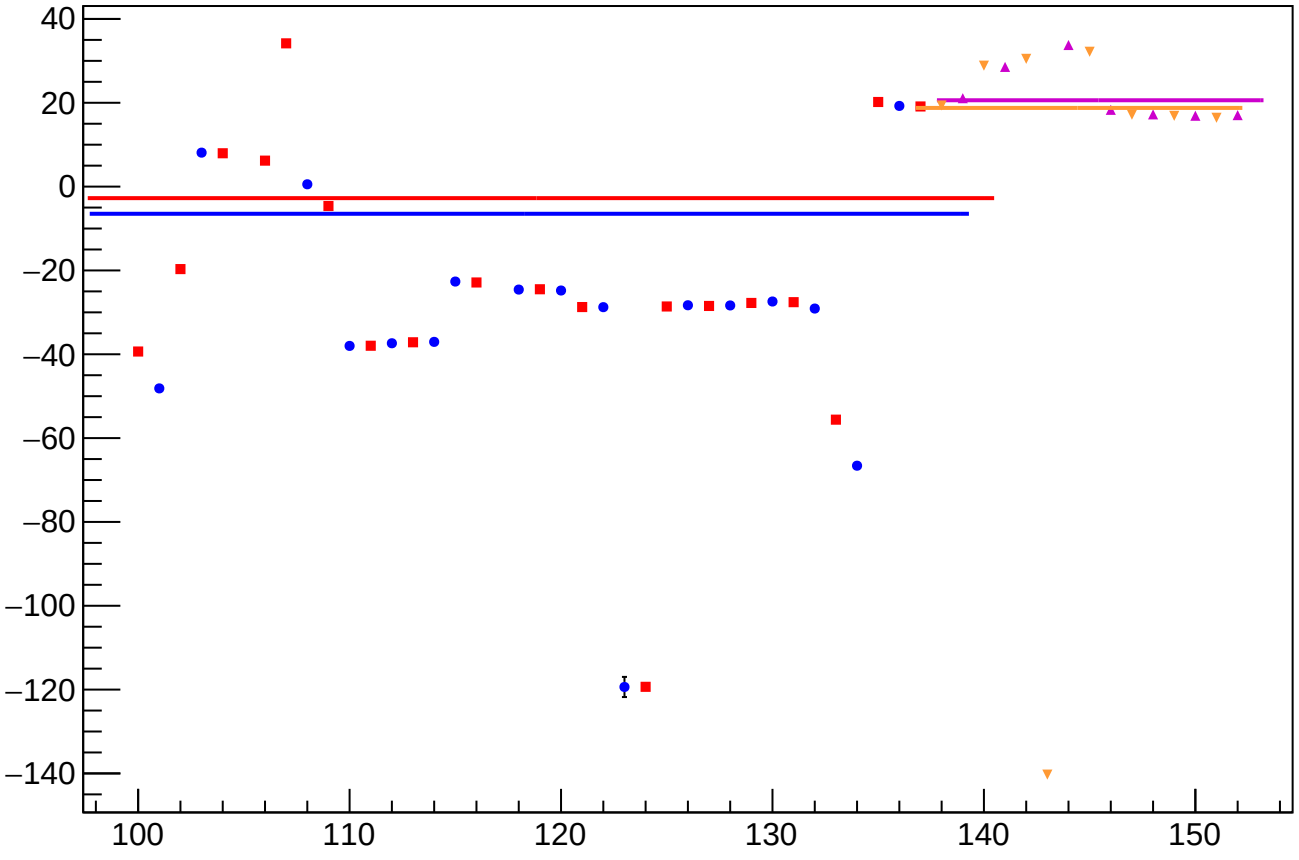
Left In: -12.628+/-0.695 χ^2/NDF:33.7/6

+ sign 1.777+/-0.557 χ^2/NDF: 2258.3/24

All: 0.569+/-0.389 χ^2/NDF: 4152.8/50

- sign -0.581+/-0.543 χ^2/NDF: 1885.4/25

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 18.773+/-0.037 χ^2/NDF:348460.5/7

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

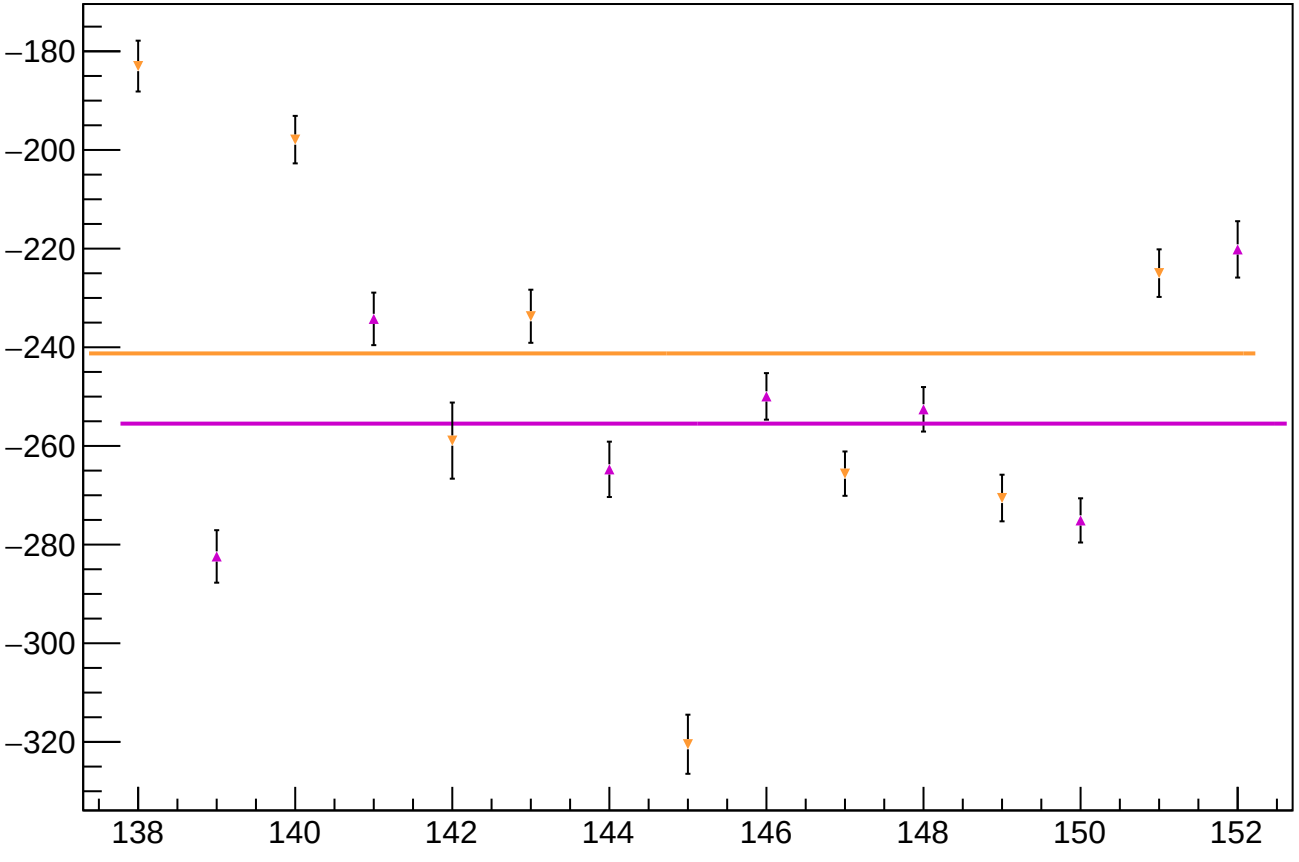
Left In: 20.601+/-0.034 χ^2/NDF:24732.2/6

+ sign 9.002+/-0.029 χ^2/NDF: 797774.7/24

All: 10.780+/-0.020 χ^2/NDF: 1265246.5/50

- sign 12.367+/-0.027 χ^2/NDF: 460215.5/25

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -241.245+/-1.834 χ^2/NDF:470.2/7

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

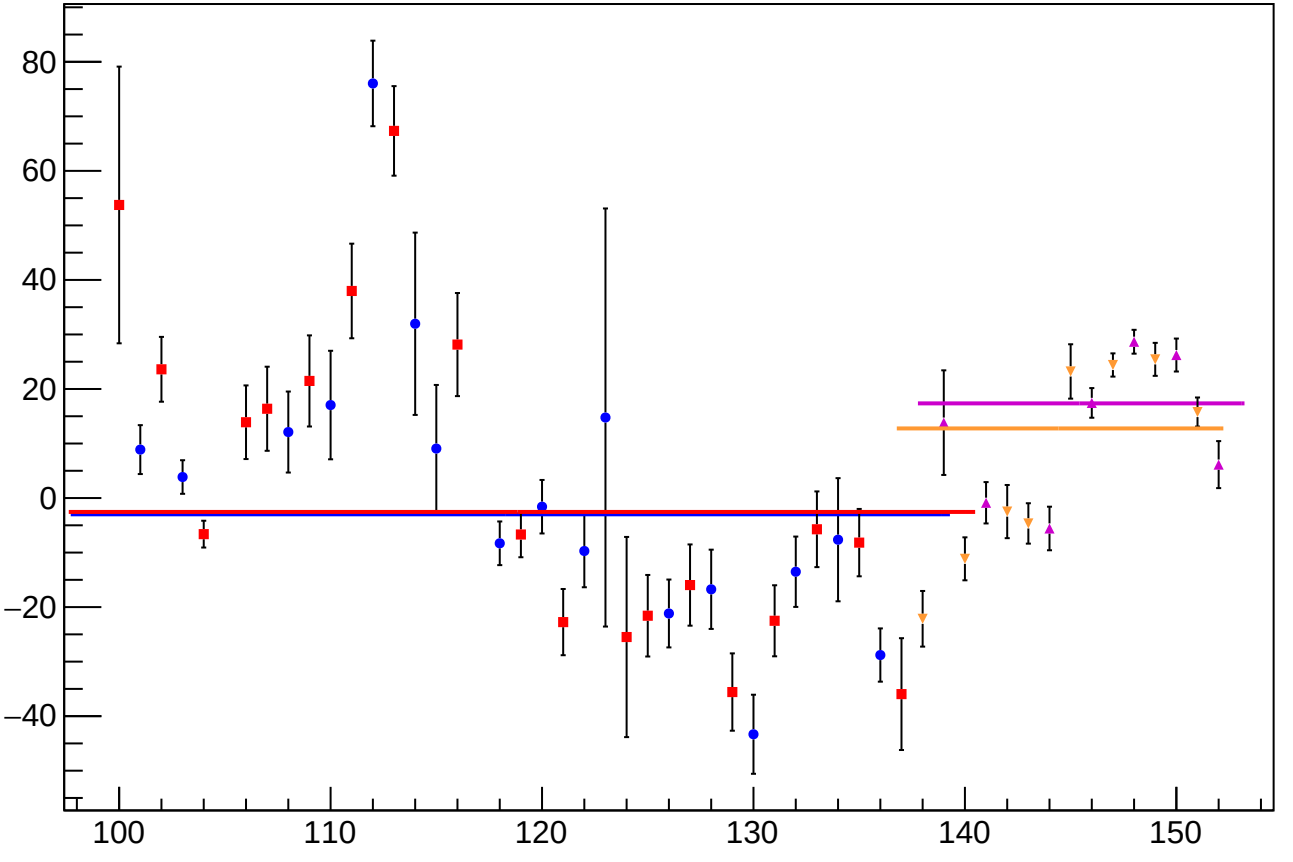
Left In: -255.477+/-1.901 χ^2/NDF:103.4/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -248.108+/-1.320 χ^2/NDF: 602.6/14

- 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: 12.766+/-1.172 χ^2/NDF:168.6/7

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

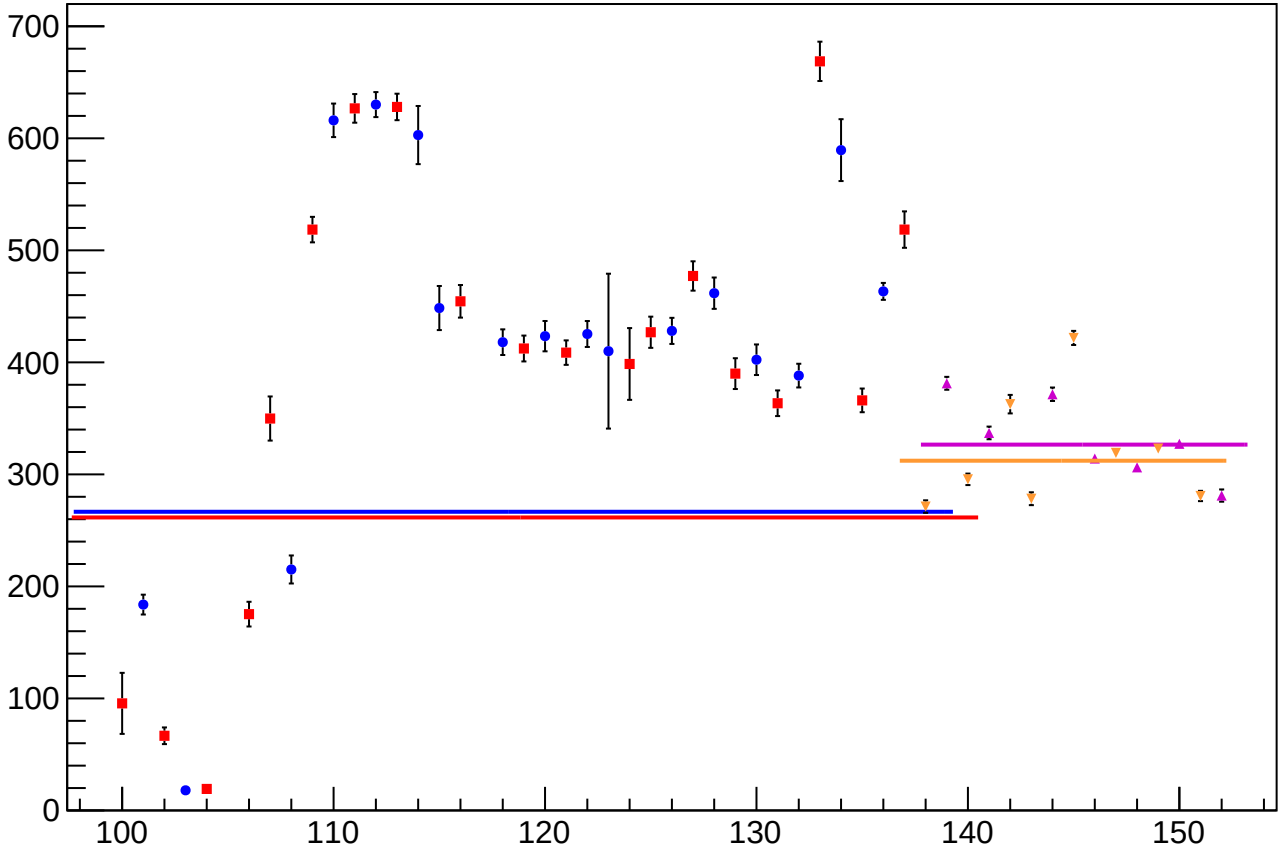
Left In: 17.361+/-1.240 χ^2/NDF:98.3/6

+ sign 6.547+/-0.912 χ^2/NDF: 443.8/24

All: 7.556+/-0.650 χ^2/NDF: 876.2/50

- sign 8.602+/-0.928 χ^2/NDF: 429.9/25

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 312.204+/-1.839 χ^2/NDF:495.5/7

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

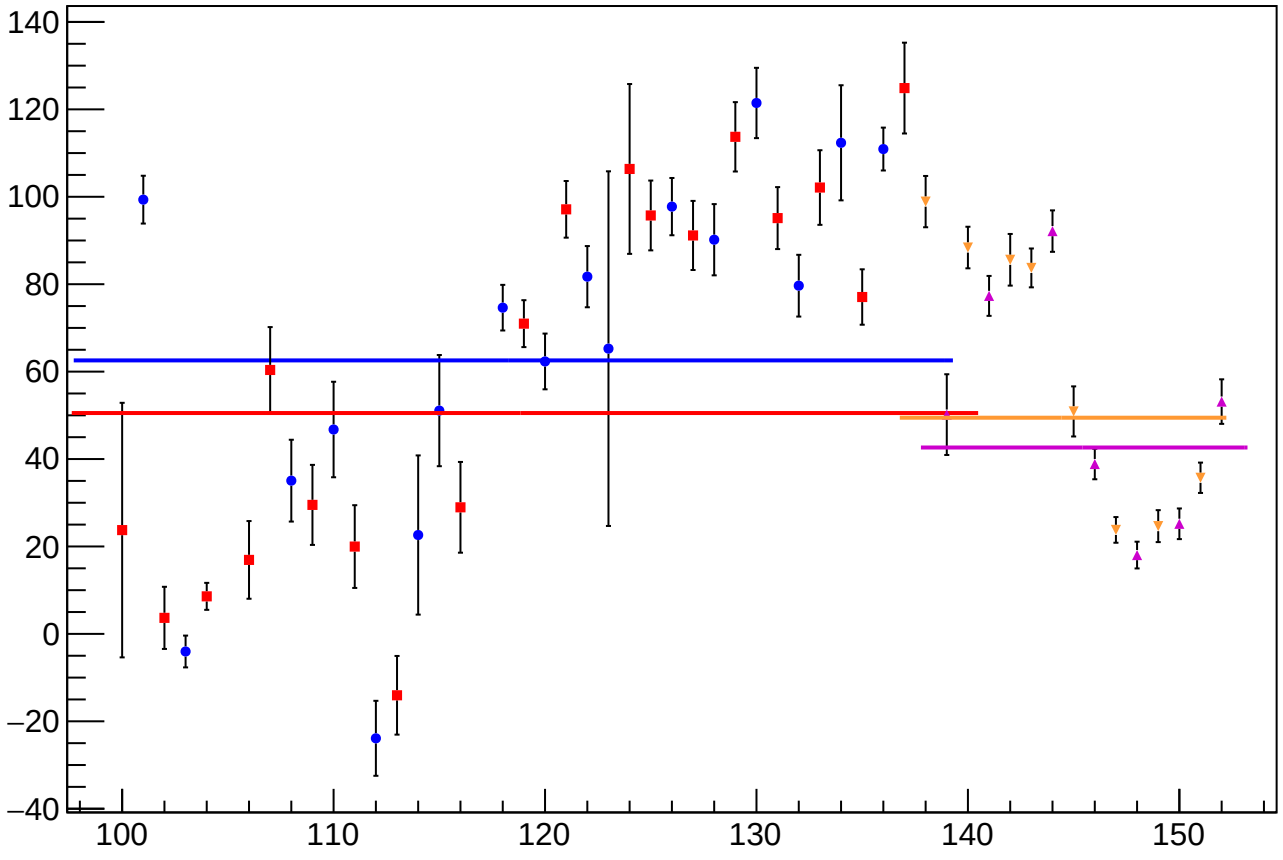
Left In: 326.572+/-1.874 χ^2/NDF:249.5/6

+ sign 296.007+/-1.477 χ^2/NDF: 8376.4/24

All: 299.302+/-1.049 χ^2/NDF: 17286.7/50

- sign 302.659+/-1.490 χ^2/NDF: 8900.2/25

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 49.456+/-1.480 χ^2/NDF:372.8/7

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

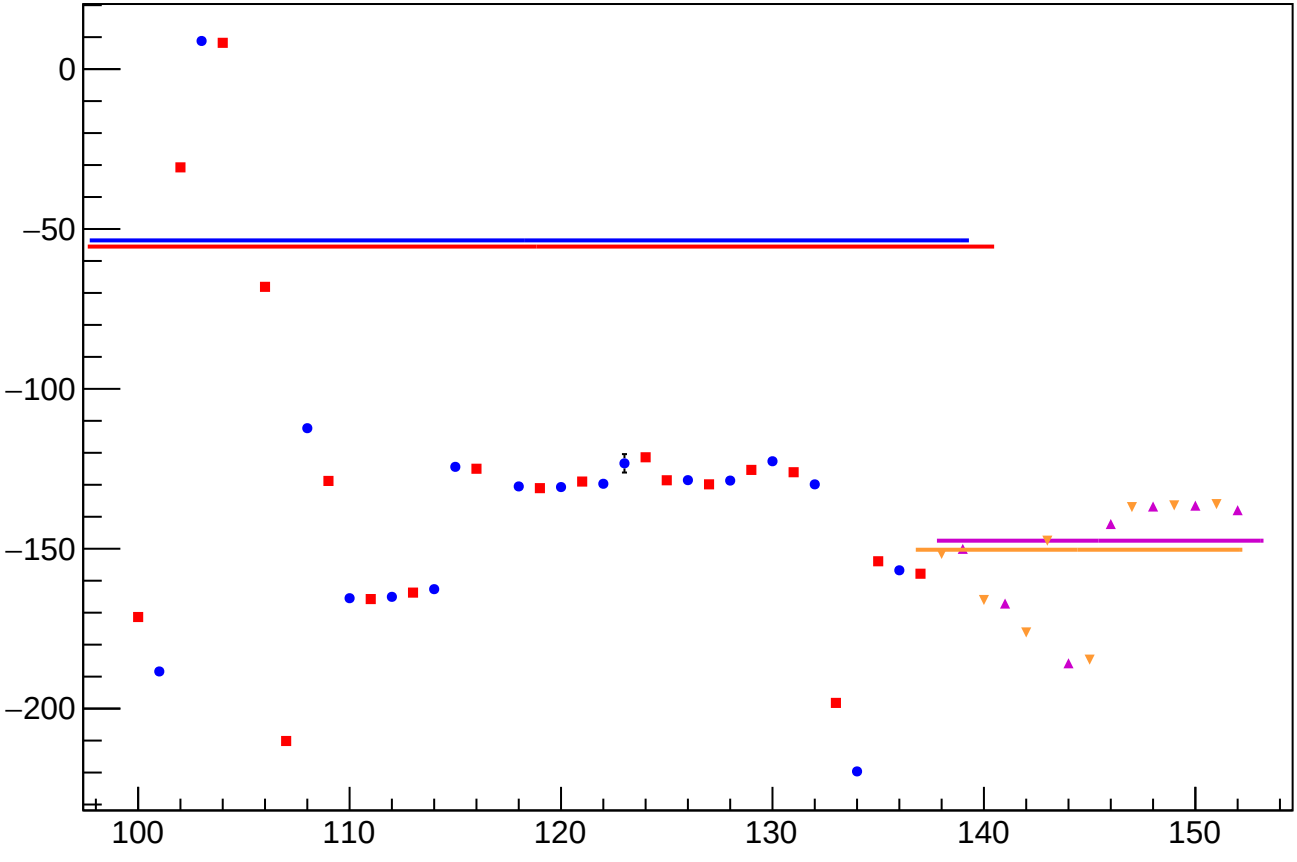
Left In: 42.639+/-1.556 χ^2/NDF:262.3/6

+ sign 55.192+/-1.110 χ^2/NDF: 1129.6/24

All: 50.858+/-0.792 χ^2/NDF: 2092.0/50

- sign 46.367+/-1.130 χ^2/NDF: 931.4/25

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -150.315+/-0.079 χ^2/NDF:45215.3/7

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

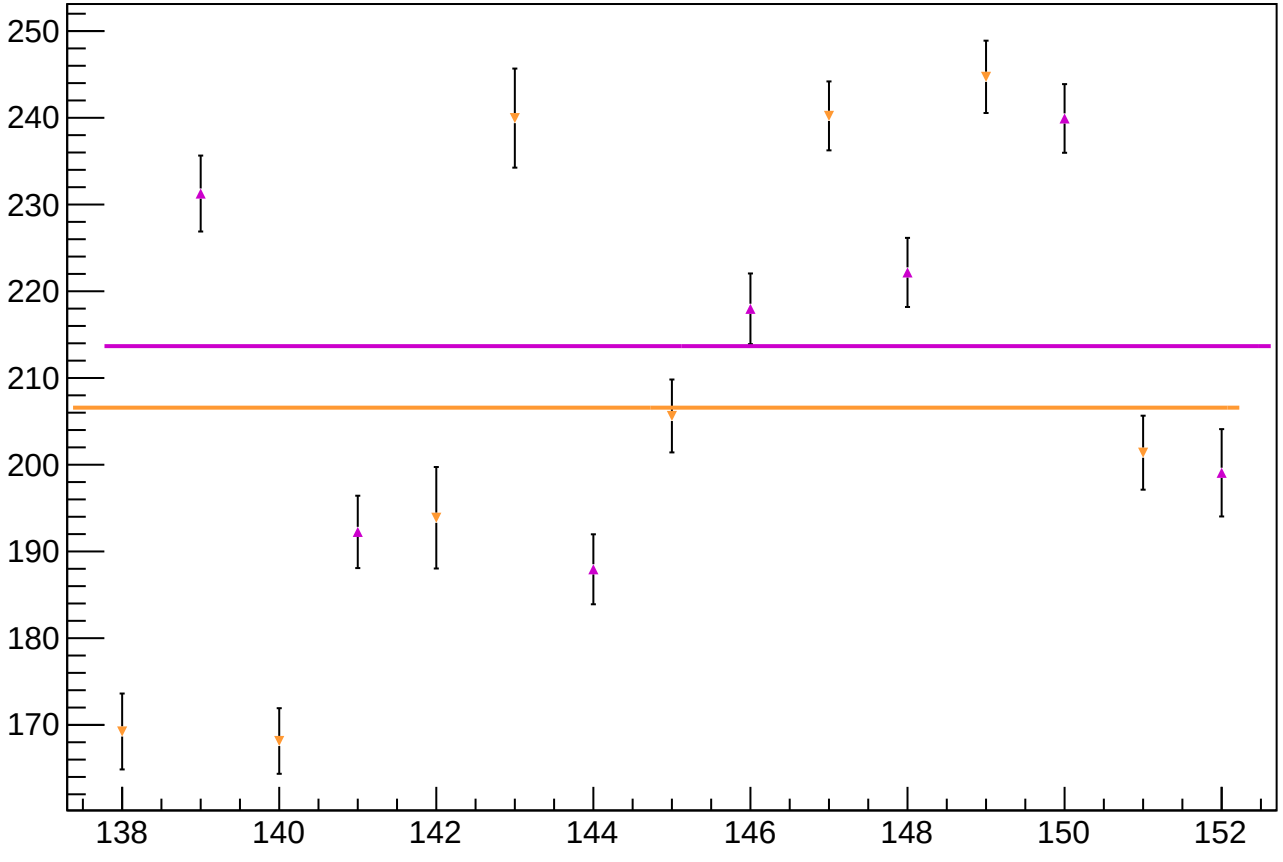
Left In: -147.485+/-0.078 χ^2/NDF:38604.9/6

+ sign -96.604+/-0.052 χ^2/NDF: 2118594.1/24

All: -97.125+/-0.037 χ^2/NDF: 3876963.5/50

- sign -97.657+/-0.053 χ^2/NDF: 1758169.4/25

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 206.580+/-1.553 χ^2/NDF:371.8/7

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

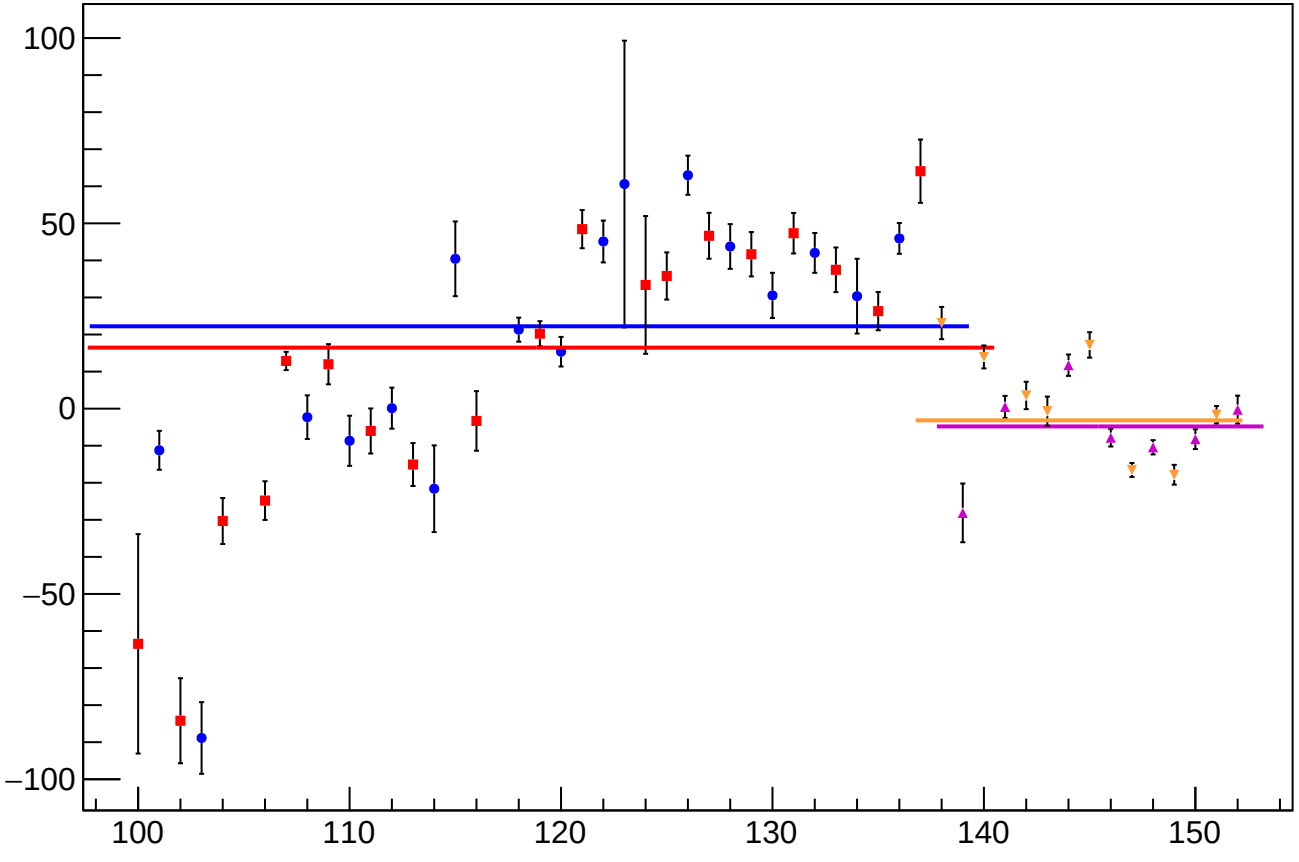
Left In: 213.673+/-1.586 χ^2/NDF:141.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 210.053+/-1.110 χ^2/NDF: 523.2/14

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221+/-1.374 χ^2/NDF: 385.6/16

Left Out: -3.161+/-1.009 χ^2/NDF:187.0/7

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

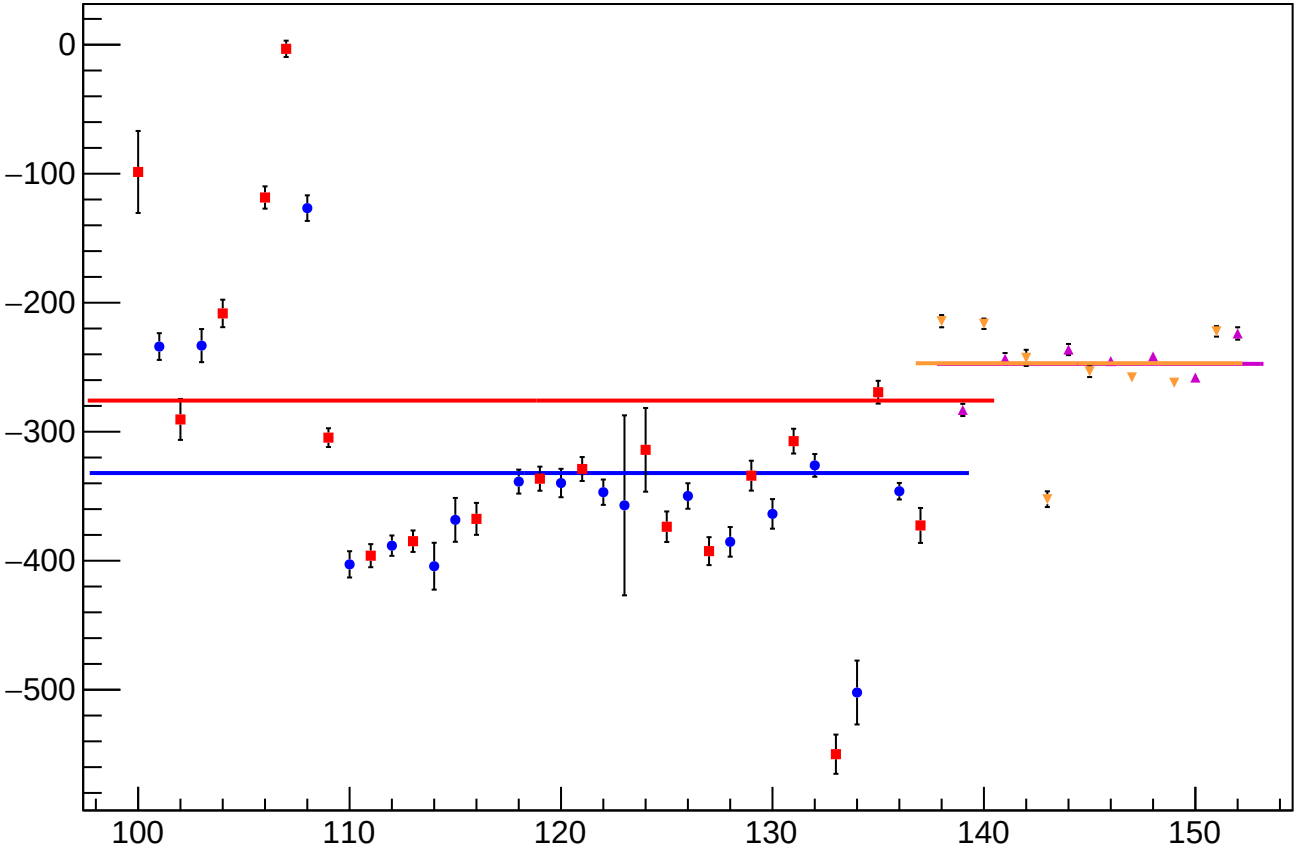
Left In: -4.802+/-1.052 χ^2/NDF:57.9/6

+ sign 5.734+/-0.813 χ^2/NDF: 794.3/24

All: 4.946+/-0.570 χ^2/NDF: 1452.7/50

- sign 4.184+/-0.799 χ^2/NDF: 656.6/25

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -246.934+/-1.566 χ^2/NDF:467.0/7

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

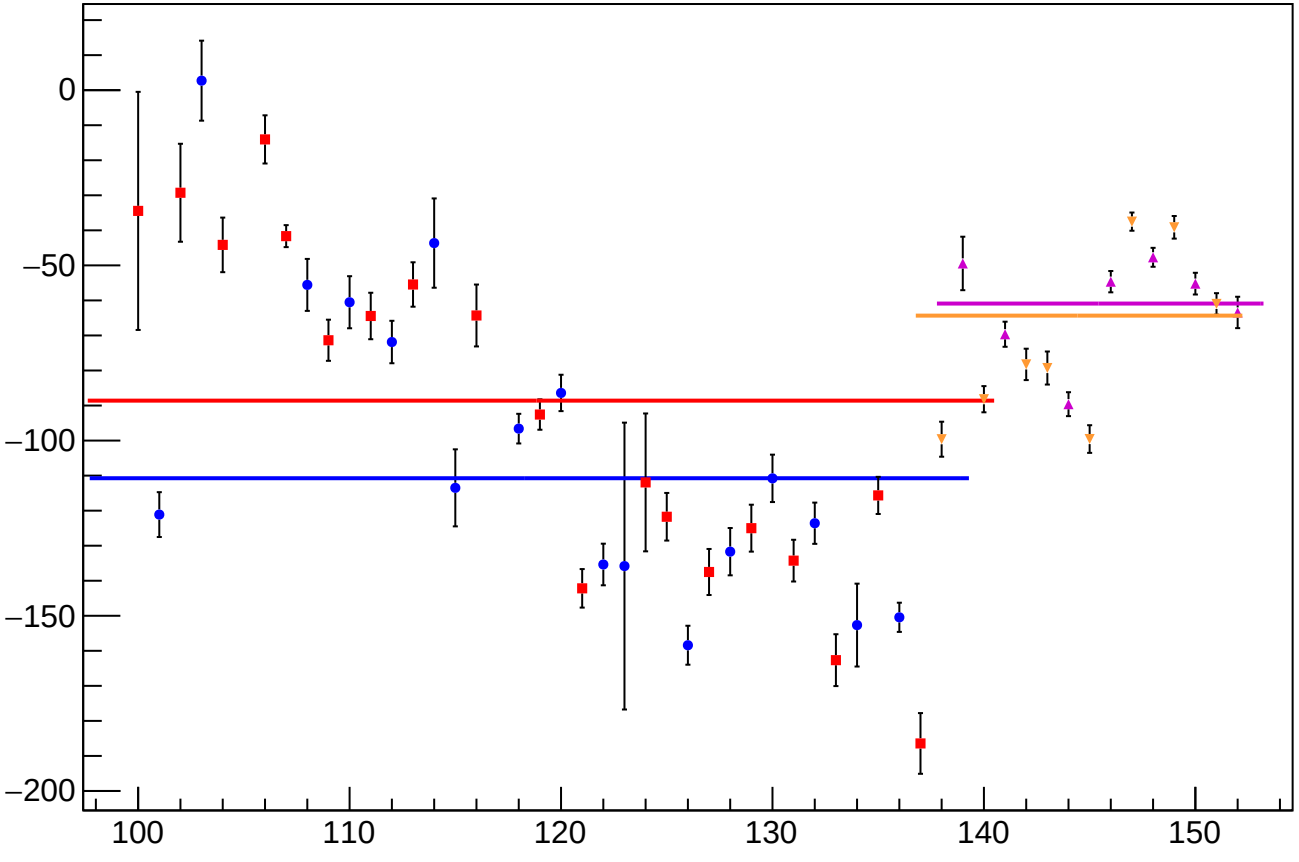
Left In: -247.401+/-1.576 χ^2/NDF:99.0/6

+ sign -270.079+/-1.336 χ^2/NDF: 2055.3/24

All: -263.057+/-0.933 χ^2/NDF: 5673.7/50

- sign -256.363+/-1.304 χ^2/NDF: 3564.5/25

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -64.338+/-1.269 χ^2/NDF:358.7/7

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

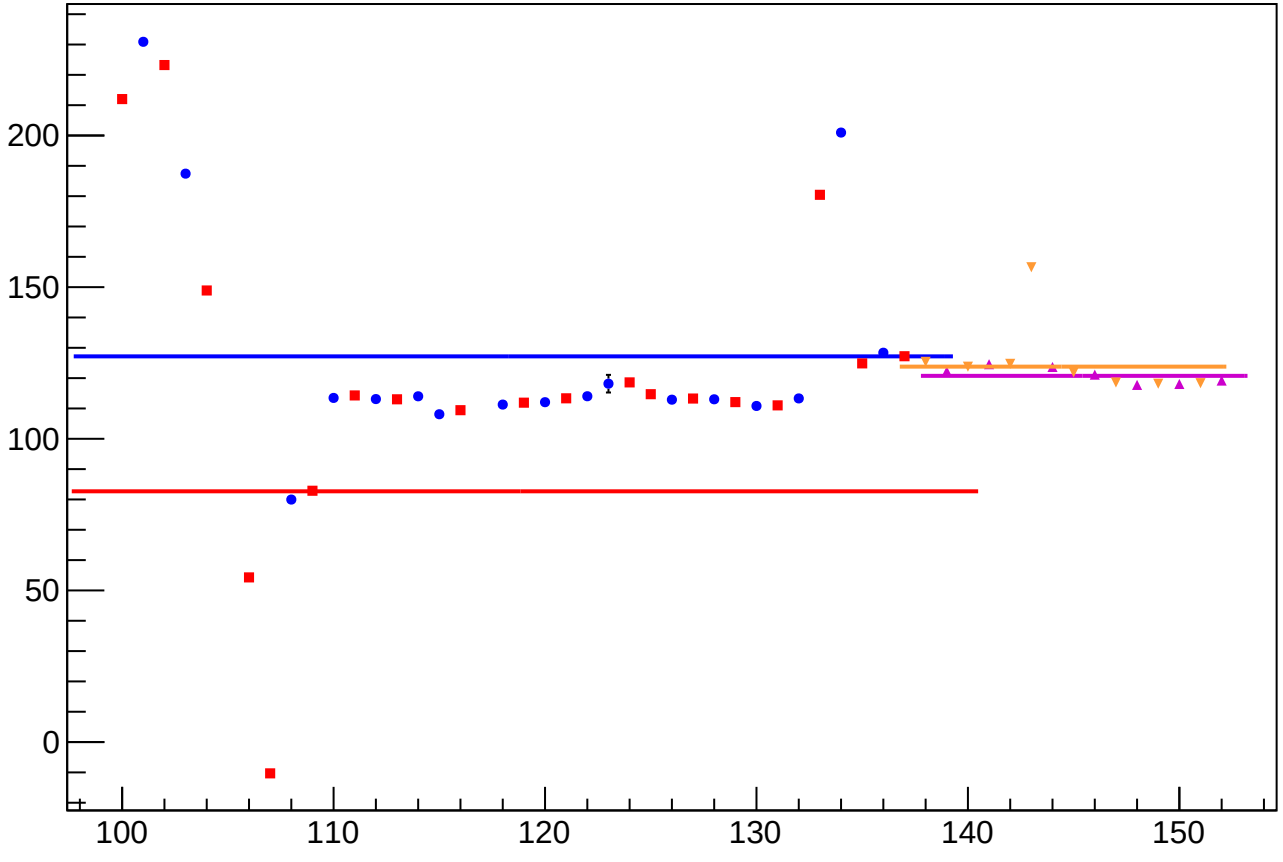
Left In: -60.896+/-1.313 χ^2/NDF:110.7/6

+ sign -82.567+/-0.989 χ^2/NDF: 1397.6/24

All: -77.953+/-0.692 χ^2/NDF: 2723.6/50

- sign -73.525+/-0.969 χ^2/NDF: 1283.4/25

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 123.794+/-0.067 χ^2/NDF:21074.8/7

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

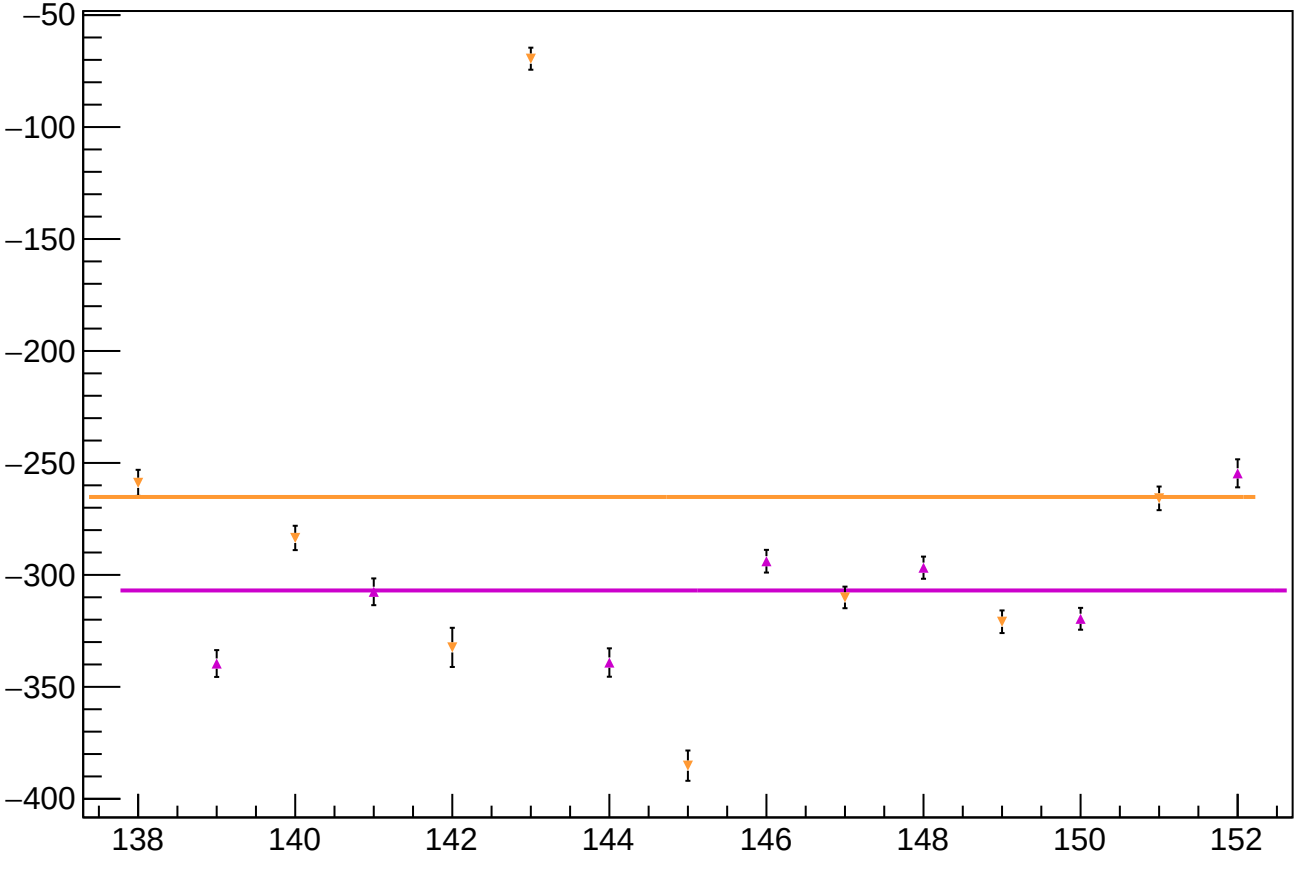
Left In: 120.754+/-0.066 χ^2/NDF:1492.3/6

+ sign 125.008+/-0.053 χ^2/NDF: 210052.9/24

All: 113.889+/-0.036 χ^2/NDF: 1203416.3/50

- sign 104.310+/-0.049 χ^2/NDF: 912408.2/25

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -265.200+/-1.970 χ^2/NDF:2174.9/7

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

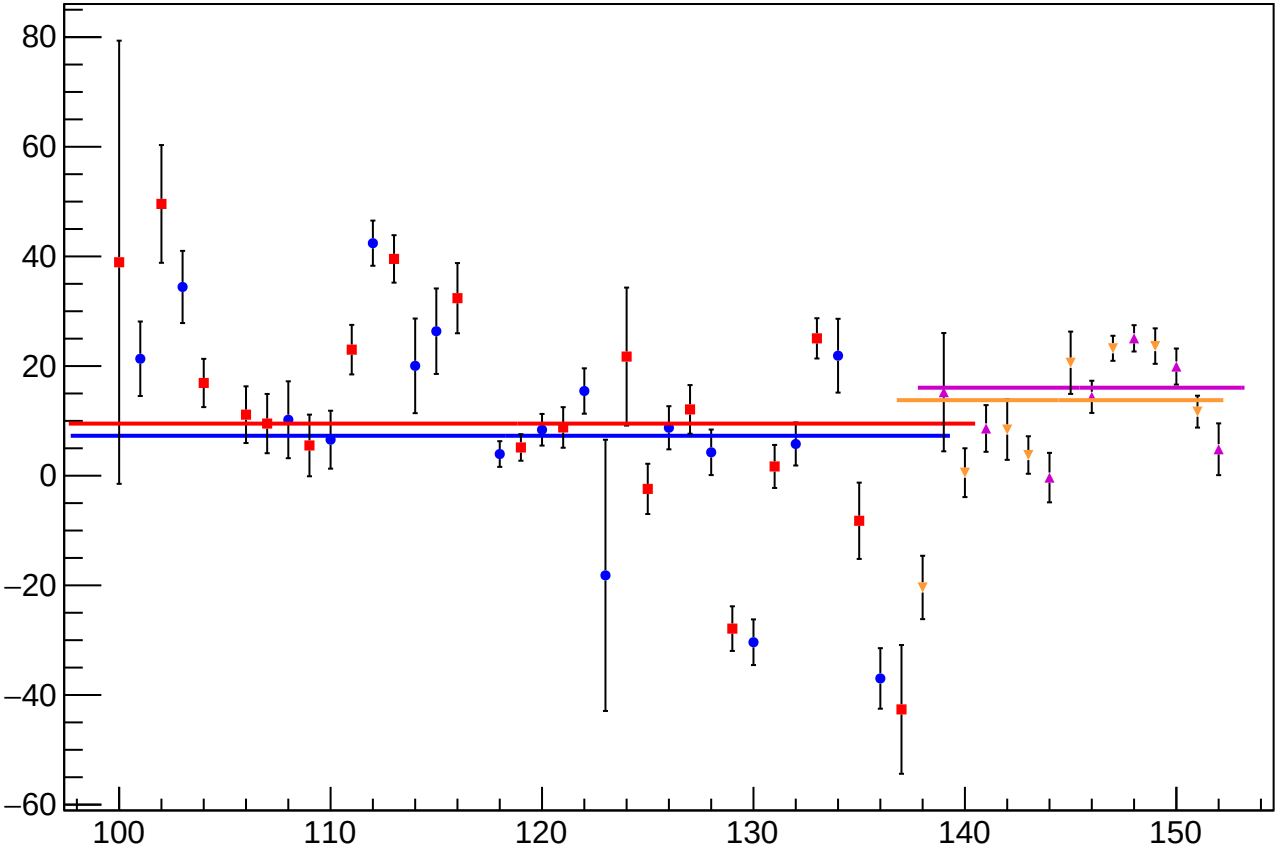
Left In: -306.949+/-2.094 χ^2/NDF:142.8/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -284.795+/-1.435 χ^2/NDF: 2528.6/14

- 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: 13.781+/-1.255 χ^2/NDF:81.7/7

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

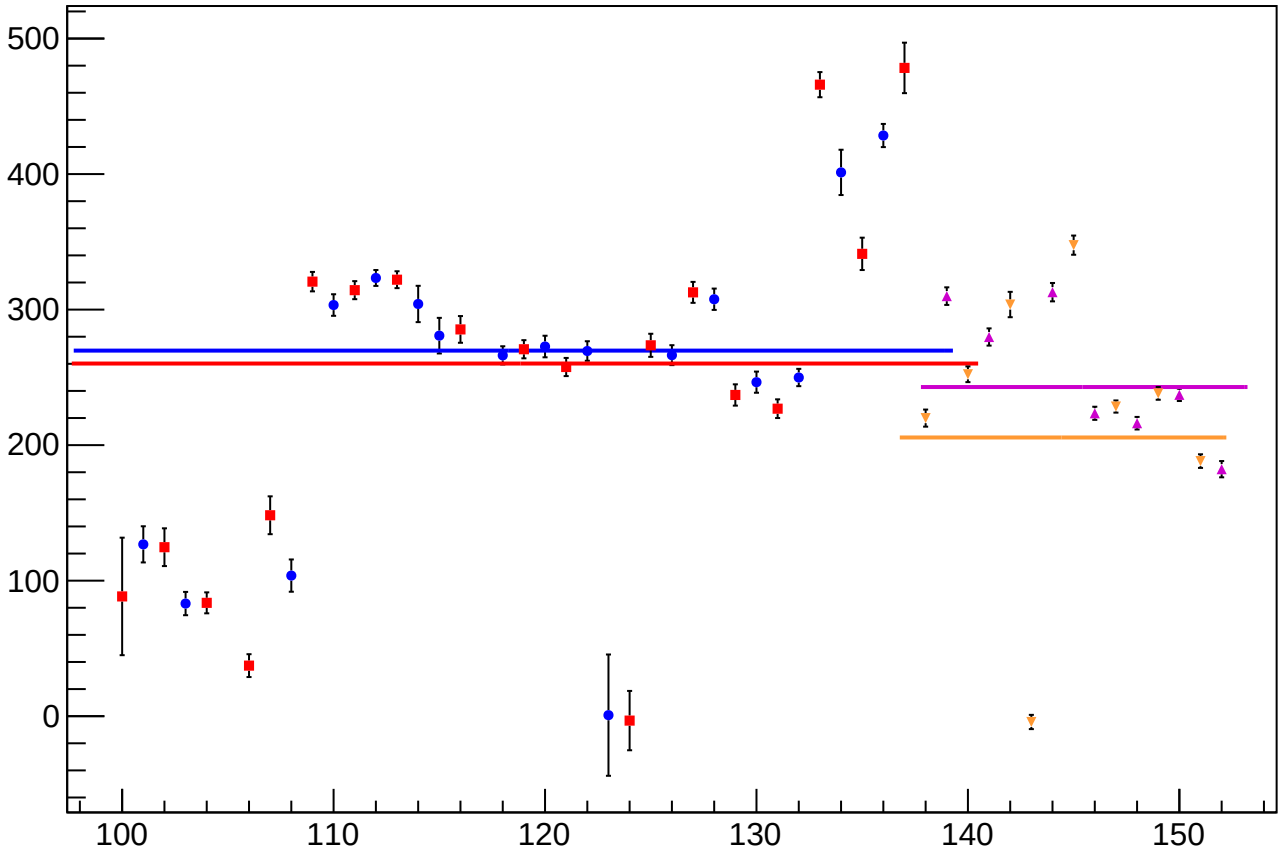
Left In: 16.053+/-1.361 χ^2/NDF:37.7/6

+ sign 10.059+/-0.820 χ^2/NDF: 358.1/24

All: 11.012+/-0.588 χ^2/NDF: 644.3/50

- sign 12.019+/-0.843 χ^2/NDF: 283.5/25

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 205.646+/-1.975 χ^2/NDF:2262.1/7

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

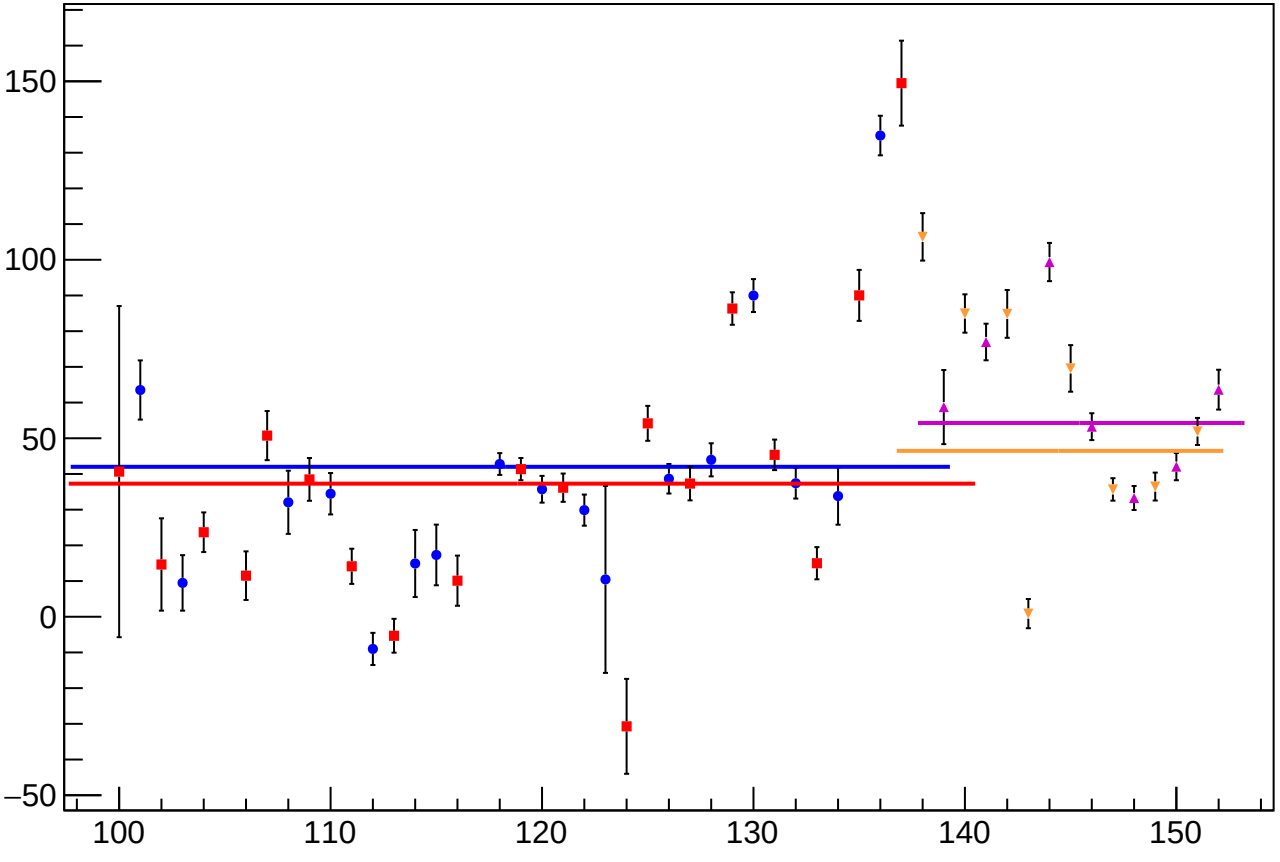
Left In: 242.870+/-2.062 χ^2/NDF:399.9/6

+ sign 236.173+/-1.429 χ^2/NDF: 4137.7/24

All: 244.047+/-1.010 χ^2/NDF: 7176.6/50

- sign 251.898+/-1.427 χ^2/NDF: 2978.2/25

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 46.469+/-1.584 χ^2/NDF:322.7/7

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

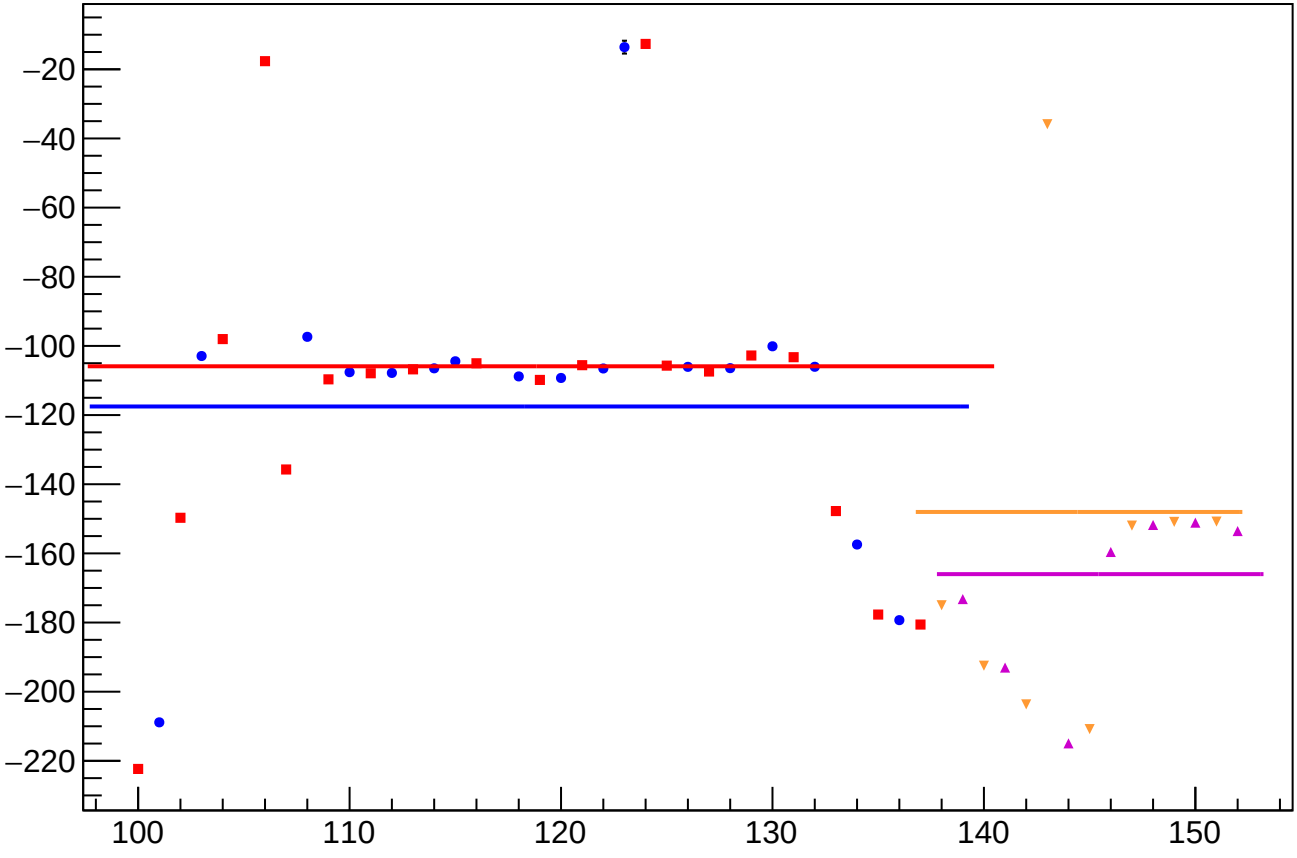
Left In: 54.280+/-1.709 χ^2/NDF:143.0/6

+ sign 43.729+/-0.984 χ^2/NDF: 903.1/24

All: 43.433+/-0.702 χ^2/NDF: 1583.8/50

- sign 43.127+/-1.002 χ^2/NDF: 680.5/25

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -148.019+/-0.084 χ^2/NDF:399488.3/7

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

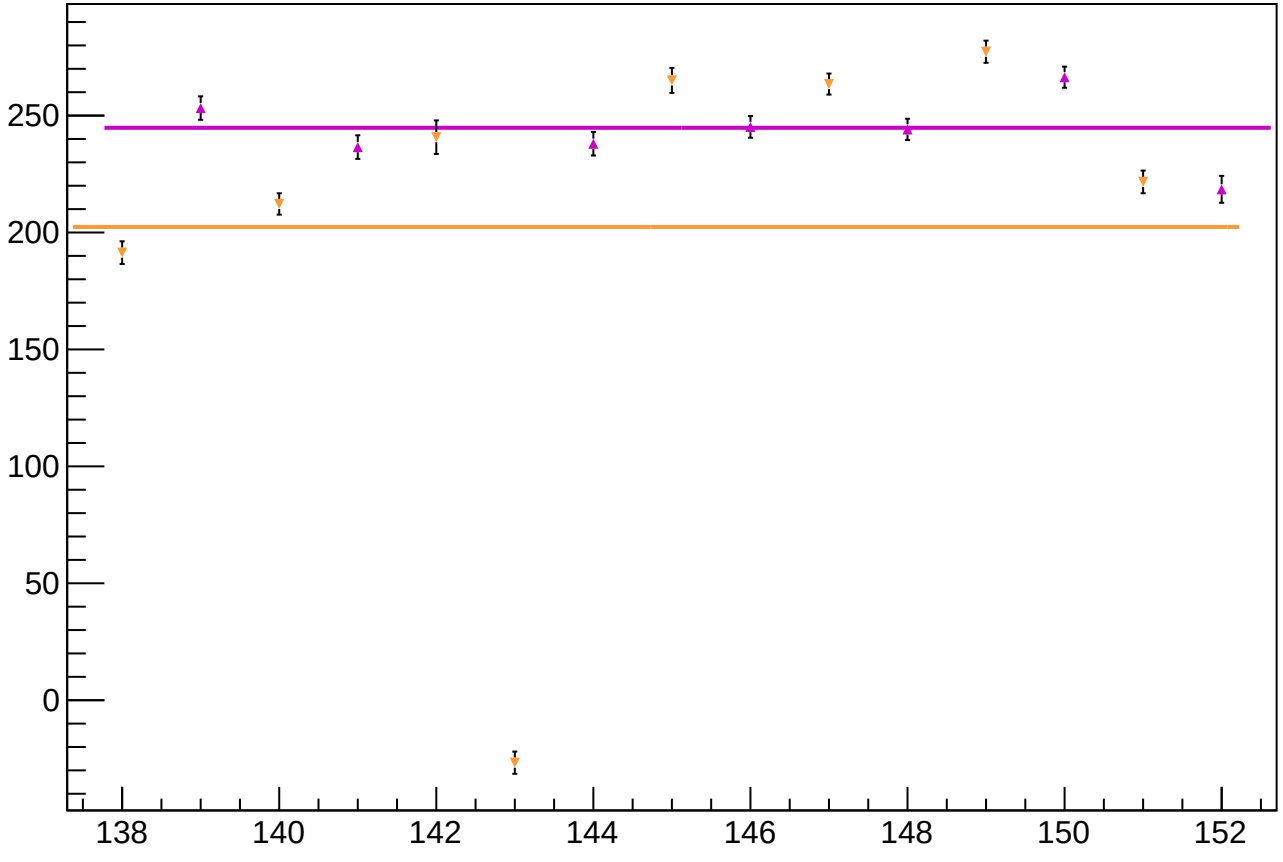
Left In: -166.001+/-0.086 χ^2/NDF:53733.8/6

+ sign -131.608+/-0.057 χ^2/NDF: 612158.7/24

All: -131.265+/-0.040 χ^2/NDF: 1274352.7/50

- sign -130.940+/-0.056 χ^2/NDF: 662123.8/25

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 202.371+/-1.752 χ^2/NDF:2948.8/7

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

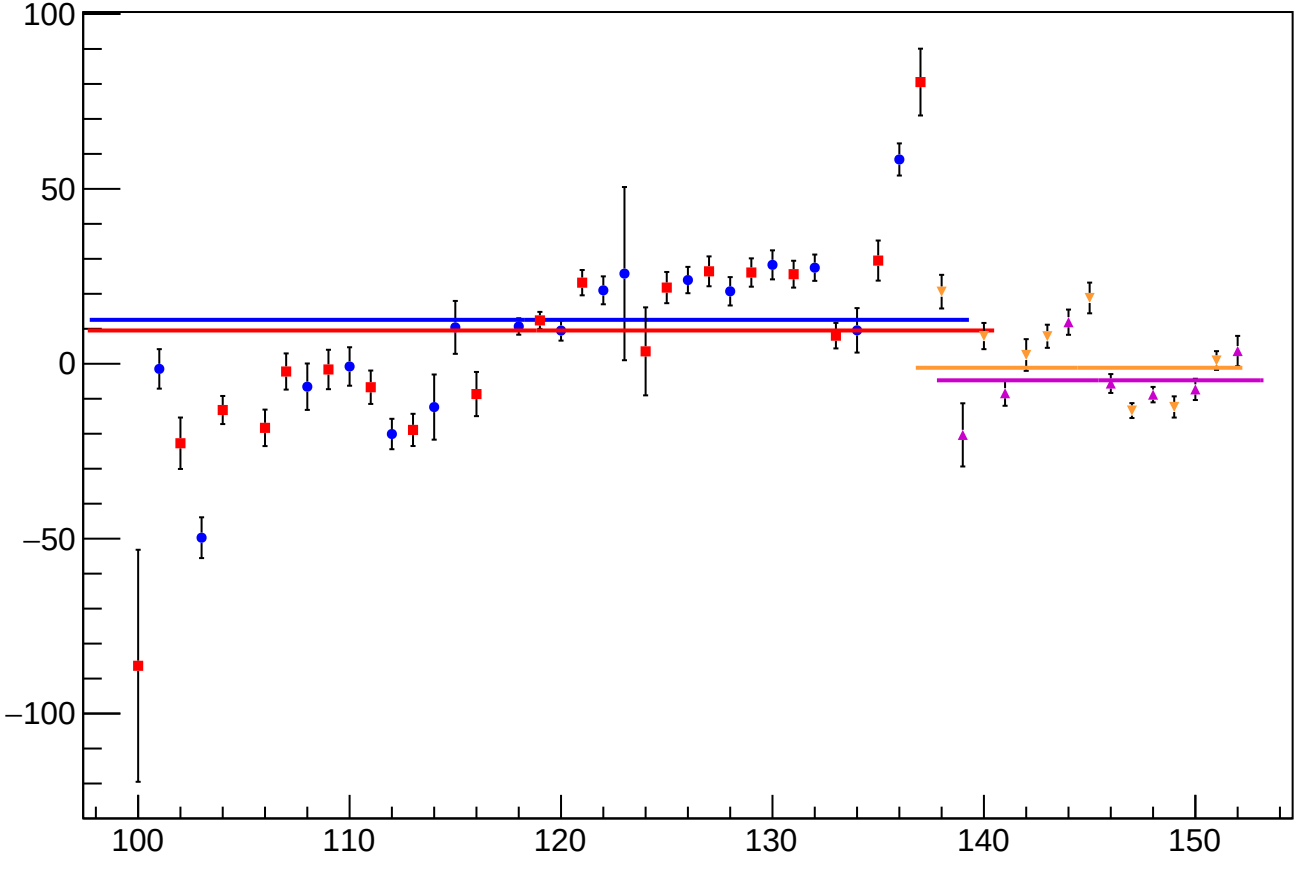
Left In: 244.775+/-1.849 χ^2/NDF:51.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 222.435+/-1.272 χ^2/NDF: 3277.3/14

- 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: -1.141+/-1.136 χ^2/NDF:102.3/7

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

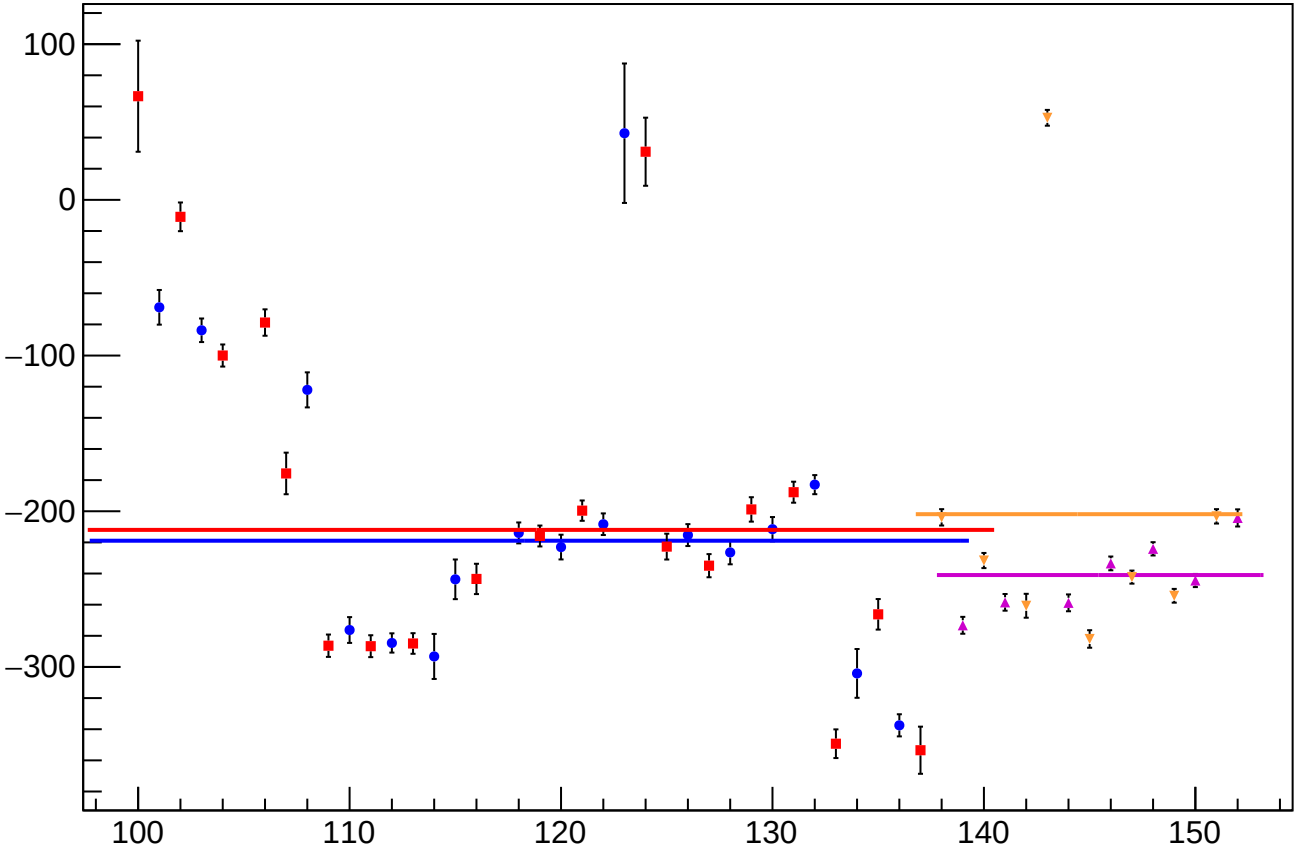
Left In: -4.730+/-1.221 χ^2/NDF:33.3/6

+ sign 6.212+/-0.773 χ^2/NDF: 528.1/24

All: 4.877+/-0.555 χ^2/NDF: 941.9/50

- sign 3.461+/-0.796 χ^2/NDF: 407.7/25

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -201.882+/-1.767 χ^2/NDF:3047.6/7

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

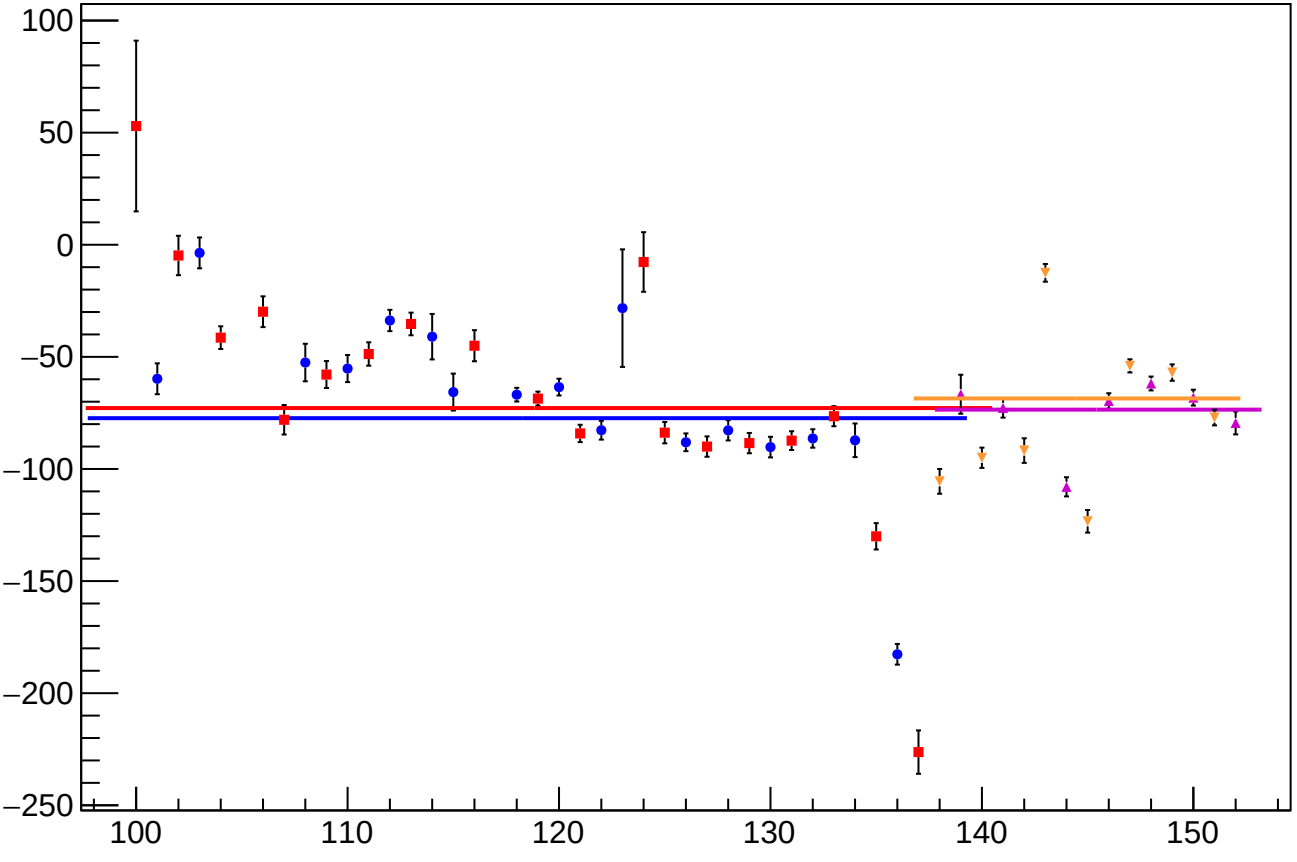
Left In: -240.970+/-1.831 χ^2/NDF:120.4/6

+ sign -209.328+/-1.326 χ^2/NDF: 4234.9/24

All: -218.253+/-0.938 χ^2/NDF: 6451.3/50

- sign -227.187+/-1.327 χ^2/NDF: 2125.8/25

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -68.548+/-1.428 χ^2/NDF:456.0/7

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

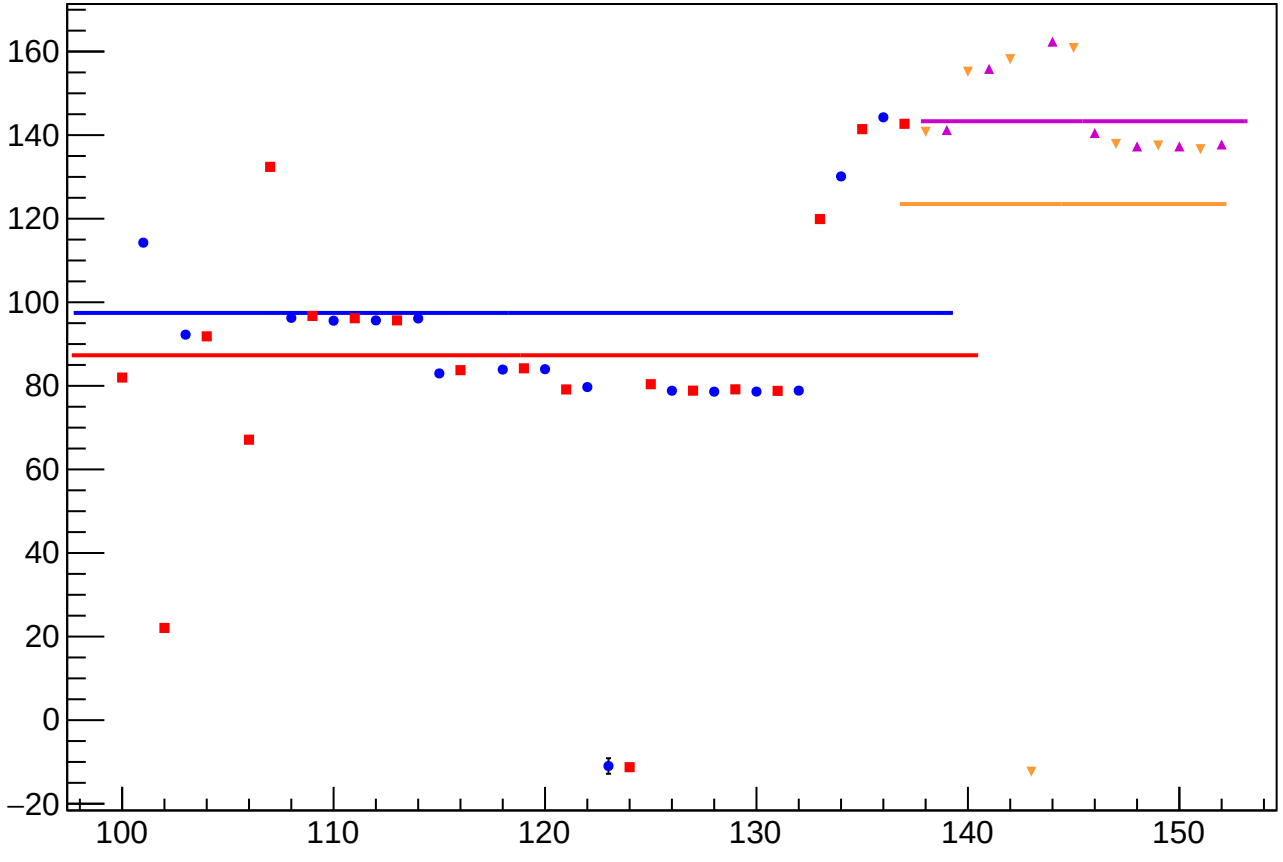
Left In: -73.539+/-1.528 χ^2/NDF:84.6/6

+ sign -73.633+/-0.927 χ^2/NDF: 1295.2/24

All: -73.375+/-0.663 χ^2/NDF: 2052.9/50

- sign -73.106+/-0.948 χ^2/NDF: 757.6/25

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 123.505+/-0.075 χ^2/NDF:532237.8/7

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

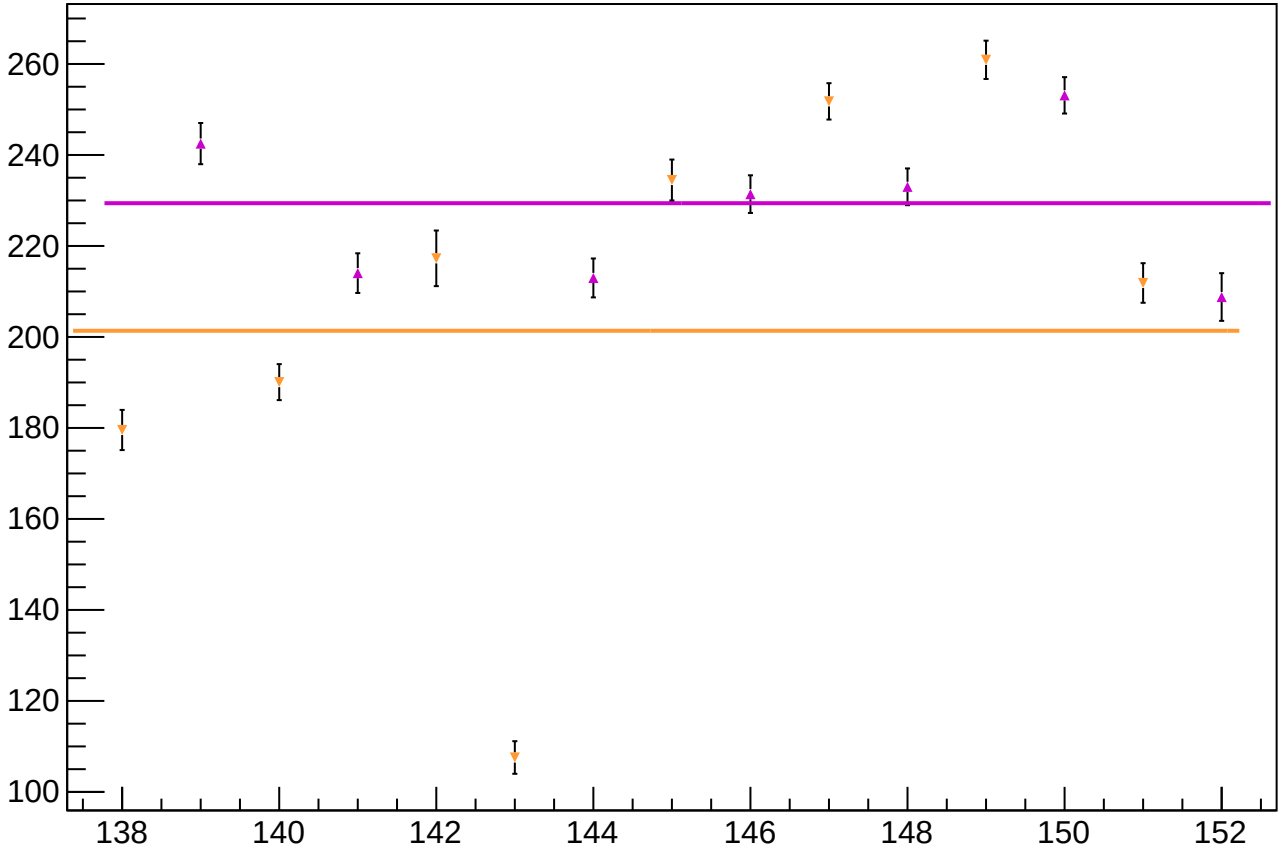
Left In: 143.320+/-0.076 χ^2/NDF:12988.8/6

+ sign 110.173+/-0.052 χ^2/NDF: 688460.1/24

All: 111.231+/-0.036 χ^2/NDF: 1223679.9/50

- sign 112.227+/-0.051 χ^2/NDF: 534429.1/25

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: 201.363+/-1.506 χ^2/NDF:1143.3/7

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

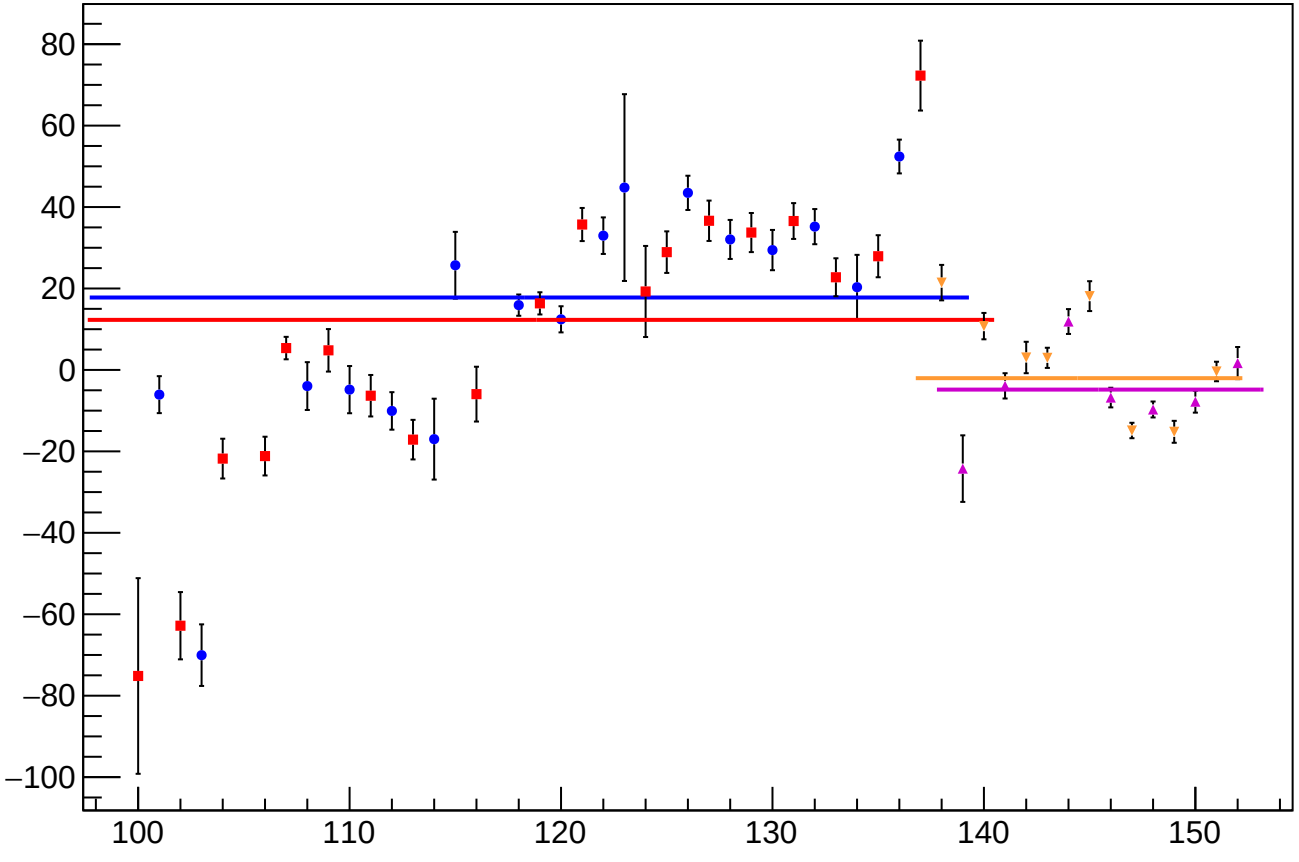
Left In: 229.401+/-1.634 χ^2/NDF:87.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 214.240+/-1.107 χ^2/NDF: 1389.8/14

- 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: -2.024+/-0.979 χ^2/NDF:151.0/7

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

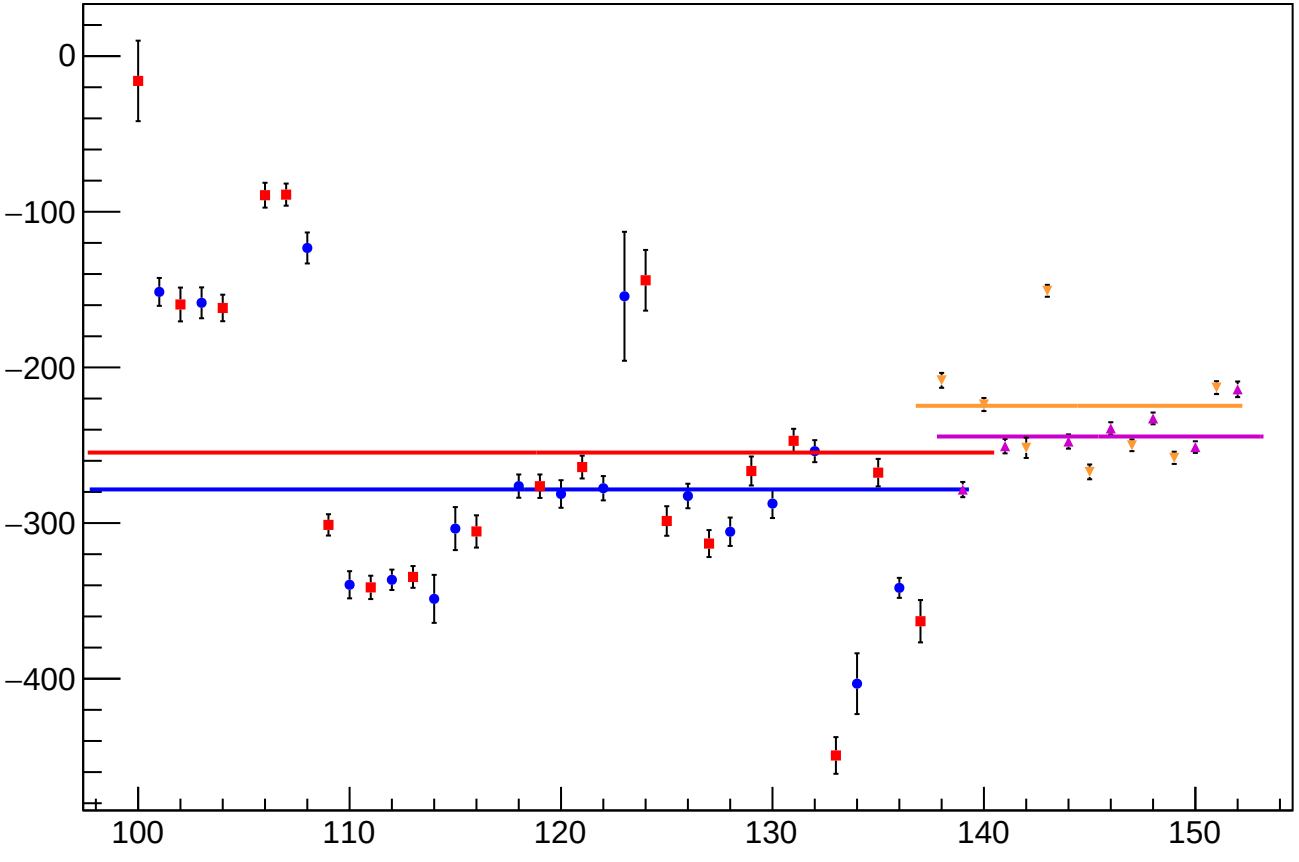
Left In: -4.830+/-1.078 χ^2/NDF:46.5/6

+ sign 6.330+/-0.744 χ^2/NDF: 718.8/24

All: 5.036+/-0.534 χ^2/NDF: 1340.5/50

- sign 3.670+/-0.765 χ^2/NDF: 615.5/25

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: -224.658+/-1.524 χ^2/NDF:607.4/7

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

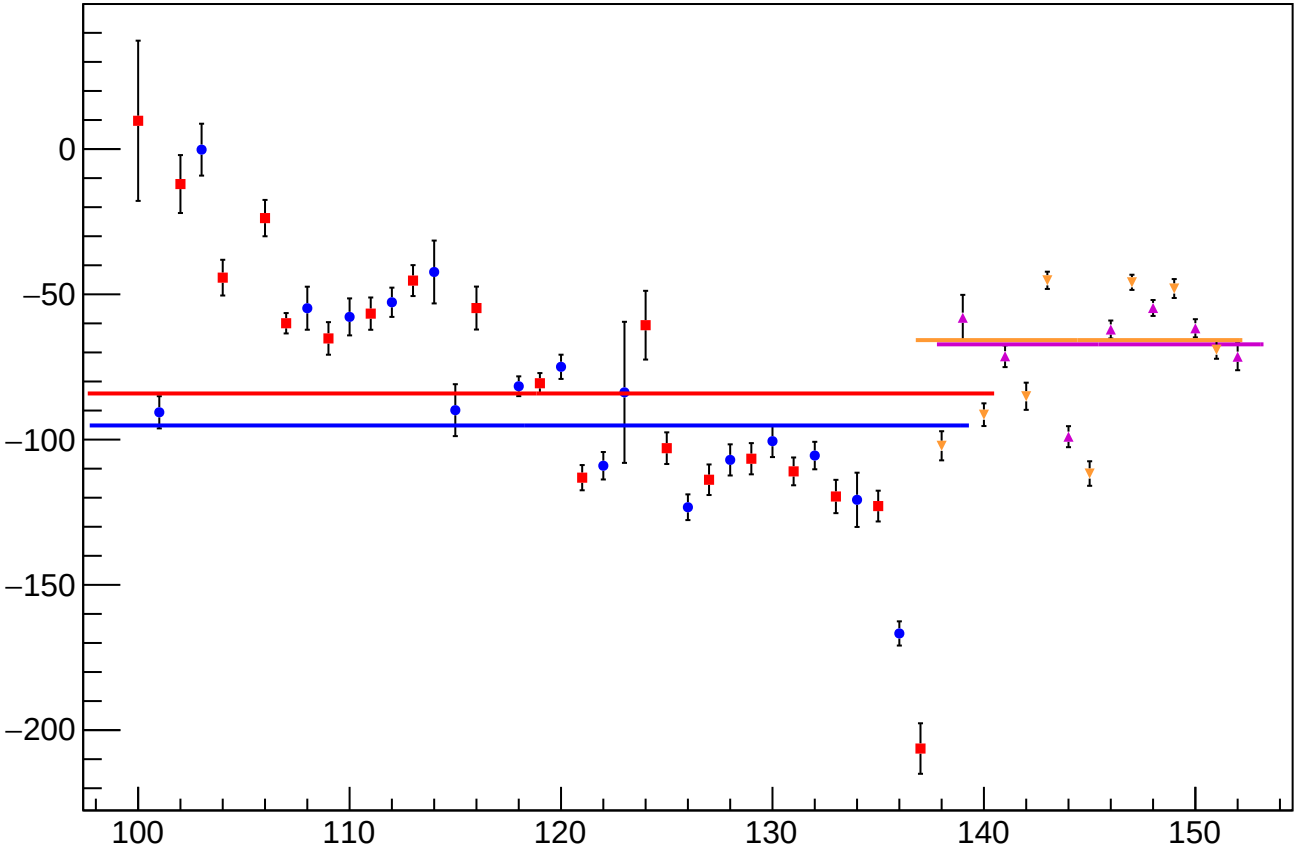
Left In: -244.386+/-1.620 χ^2/NDF:101.7/6

+ sign -242.437+/-1.247 χ^2/NDF: 1929.2/24

All: -245.390+/-0.888 χ^2/NDF: 4096.6/50

- sign -248.425+/-1.264 χ^2/NDF: 2156.1/25

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: -65.756+/-1.227 χ^2/NDF:368.1/7

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

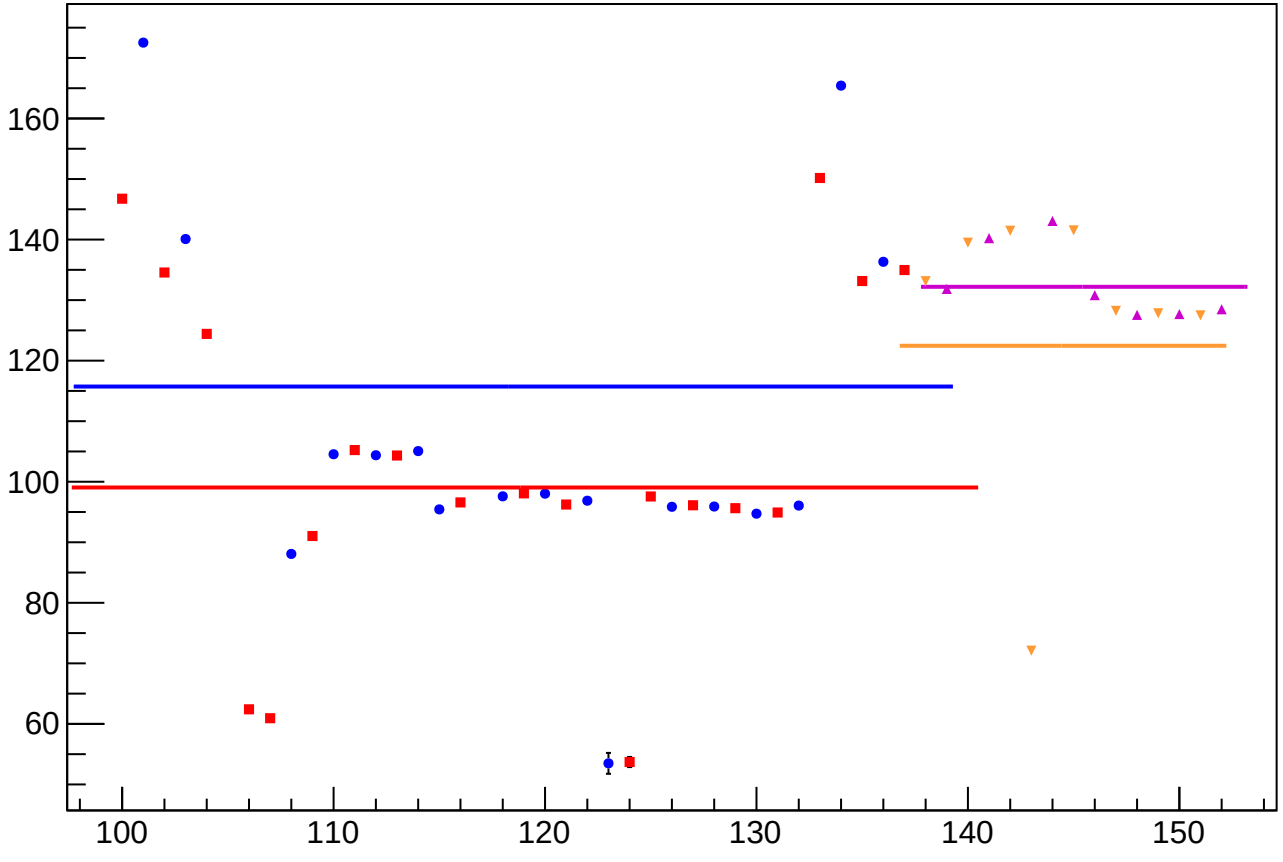
Left In: -67.212+/-1.348 χ^2/NDF:107.2/6

+ sign -79.348+/-0.900 χ^2/NDF: 1308.2/24

All: -77.832+/-0.643 χ^2/NDF: 2288.2/50

- sign -76.246+/-0.920 χ^2/NDF: 974.2/25

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.724+/-0.078 χ^2/NDF: 106388.1/16

Left Out: 122.459+/-0.065 χ^2/NDF:137916.6/7

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

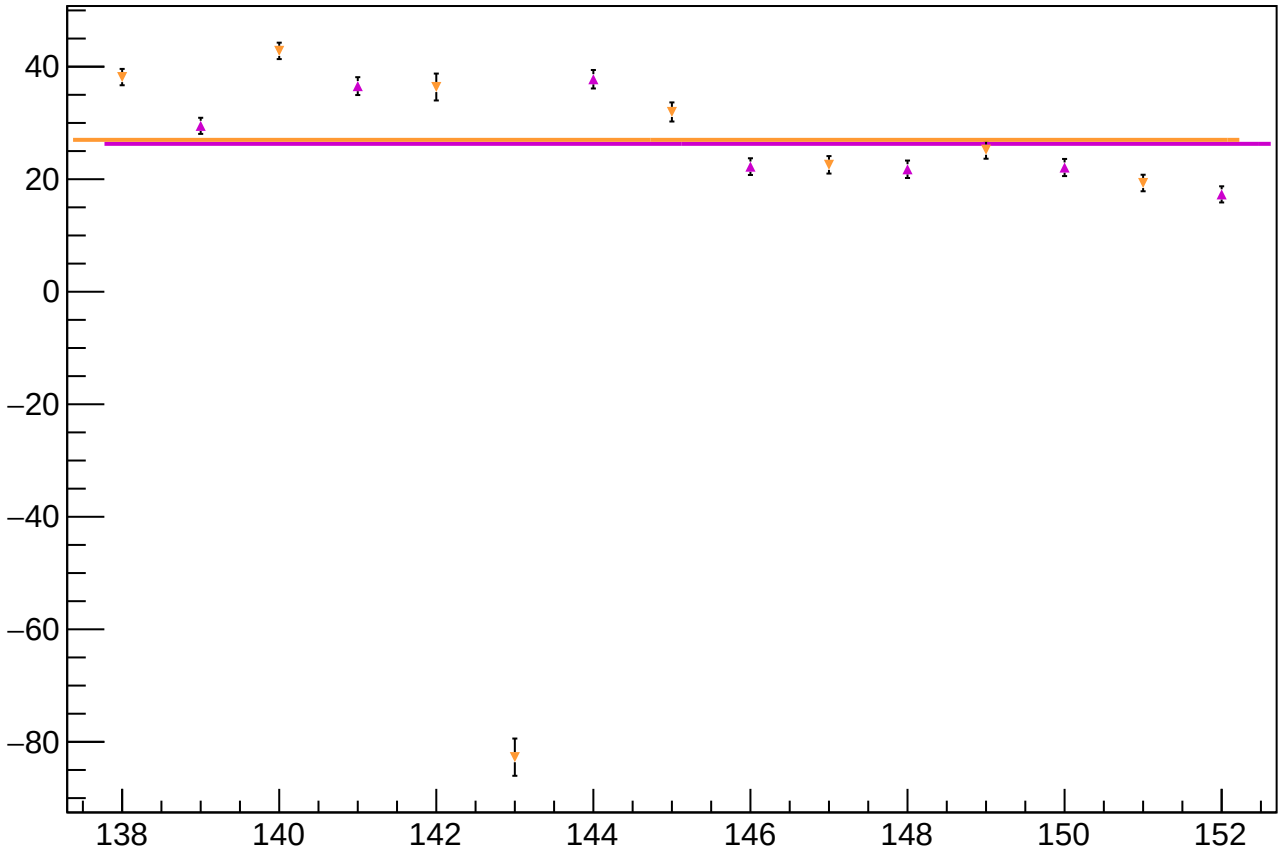
Left In: 132.198+/-0.068 χ^2/NDF:6825.5/6

+ sign 119.721+/-0.050 χ^2/NDF: 248732.3/24

All: 117.725+/-0.035 χ^2/NDF: 550865.5/50

- sign 115.856+/-0.048 χ^2/NDF: 299011.6/25

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: 26.997+/-0.595 χ^2/NDF:1335.5/7

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

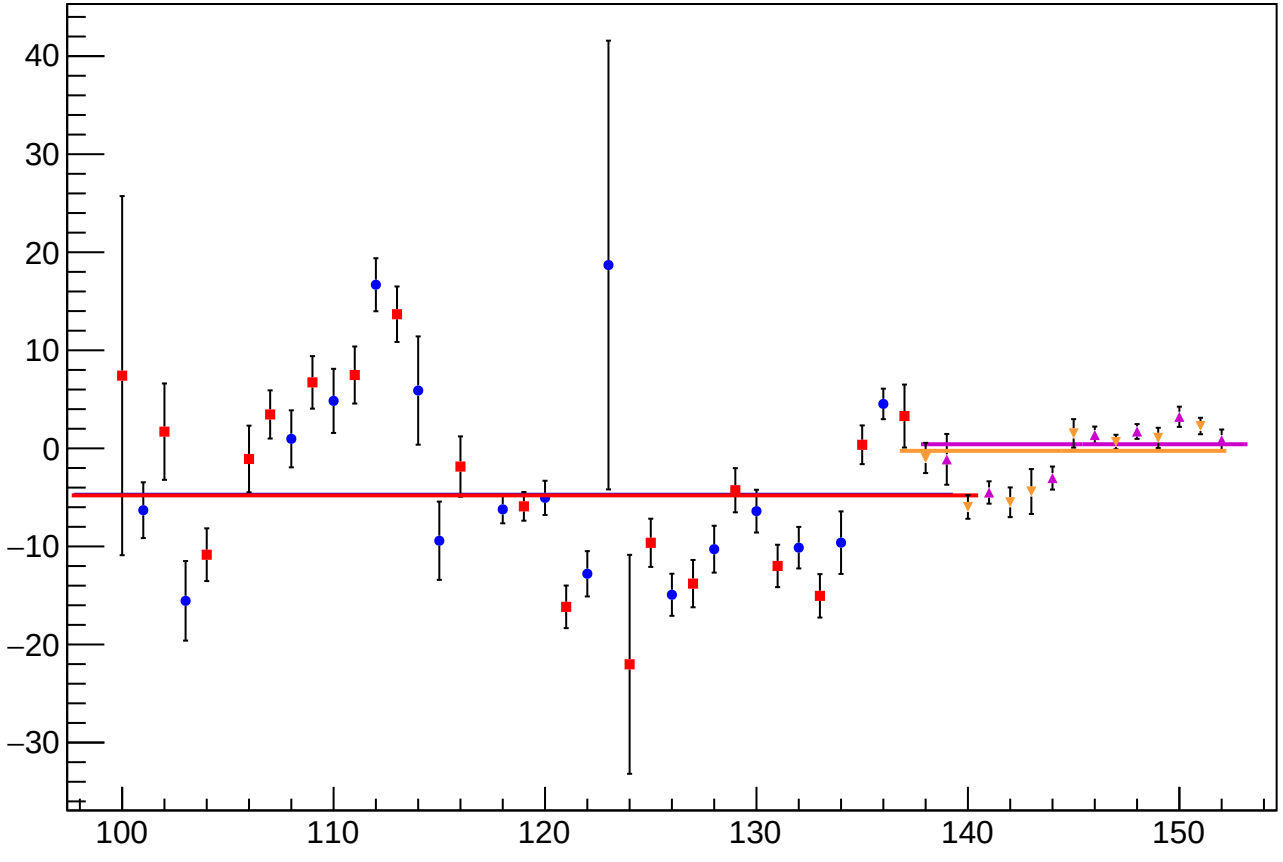
Left In: 26.287+/-0.573 χ^2/NDF:158.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 26.629+/-0.413 χ^2/NDF: 1494.6/14

- 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: -0.252+/-0.395 χ^2/NDF:51.8/7

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

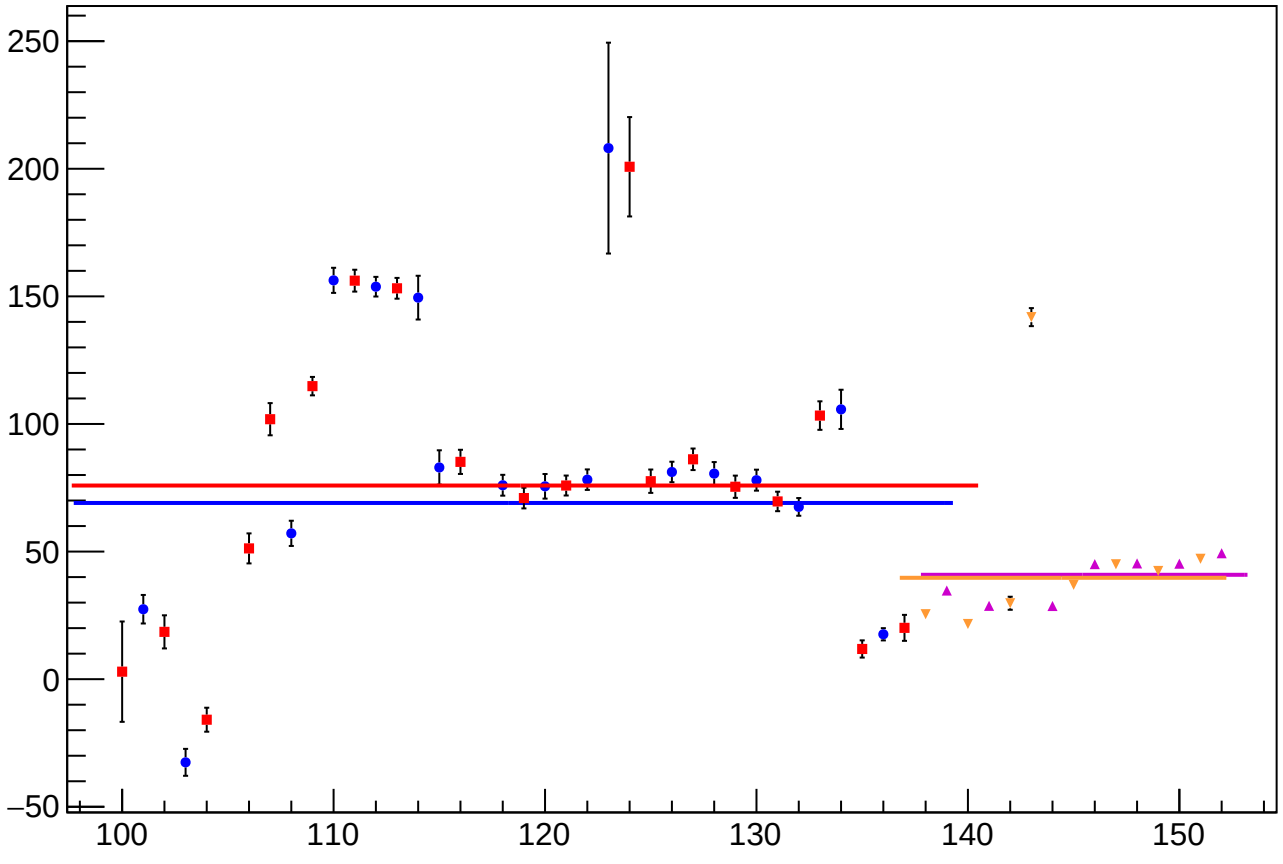
Left In: 0.421+/-0.391 χ^2/NDF:39.4/6

+ sign -1.672+/-0.326 χ^2/NDF: 267.4/24

All: -1.430+/-0.230 χ^2/NDF: 556.1/50

- sign -1.189+/-0.325 χ^2/NDF: 287.6/25

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: 39.725+/-0.598 χ^2/NDF:1115.4/7

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

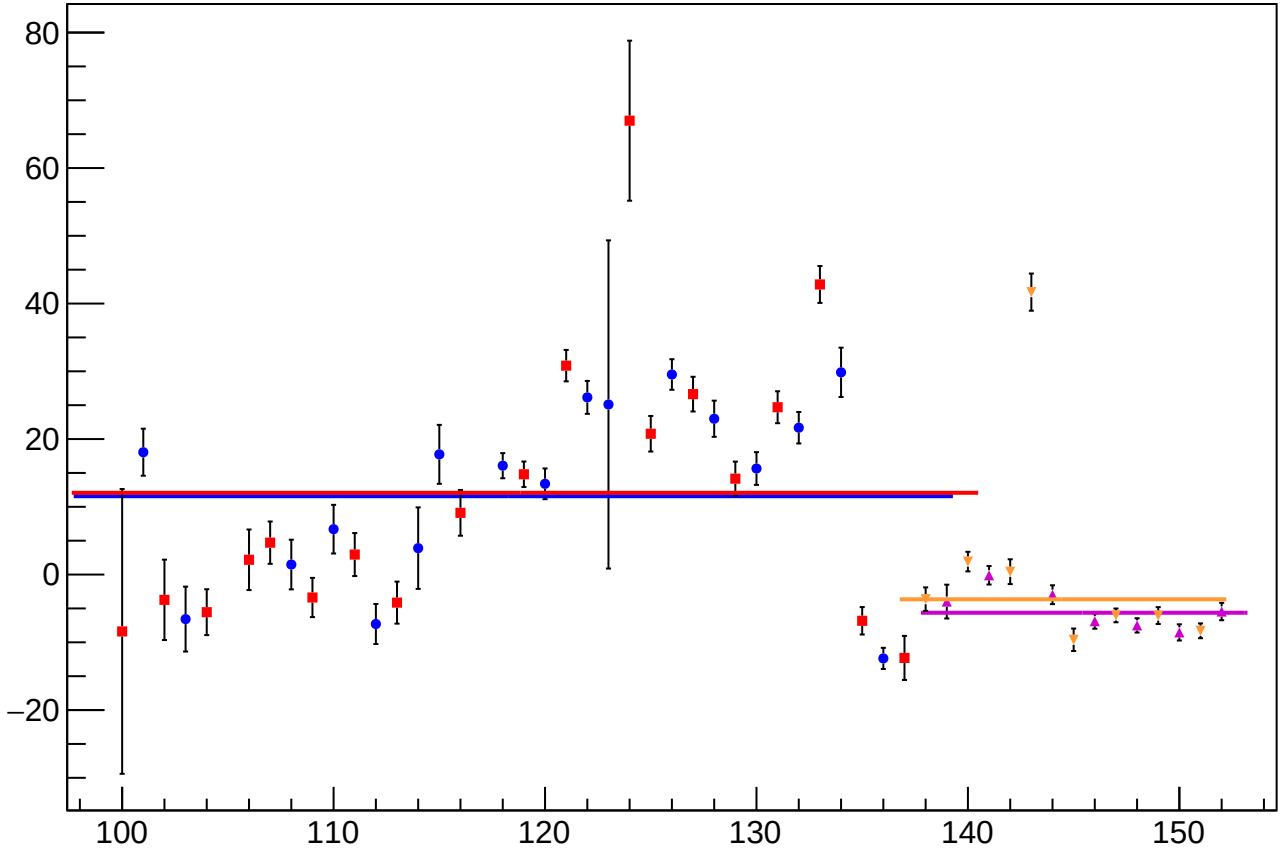
Left In: 40.900+/-0.570 χ^2/NDF:181.3/6

+ sign 46.643+/-0.523 χ^2/NDF: 3530.0/24

All: 47.676+/-0.362 χ^2/NDF: 6447.0/50

- sign 48.631+/-0.503 χ^2/NDF: 2909.5/25

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: -3.653+/-0.496 χ^2/NDF:333.2/7

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

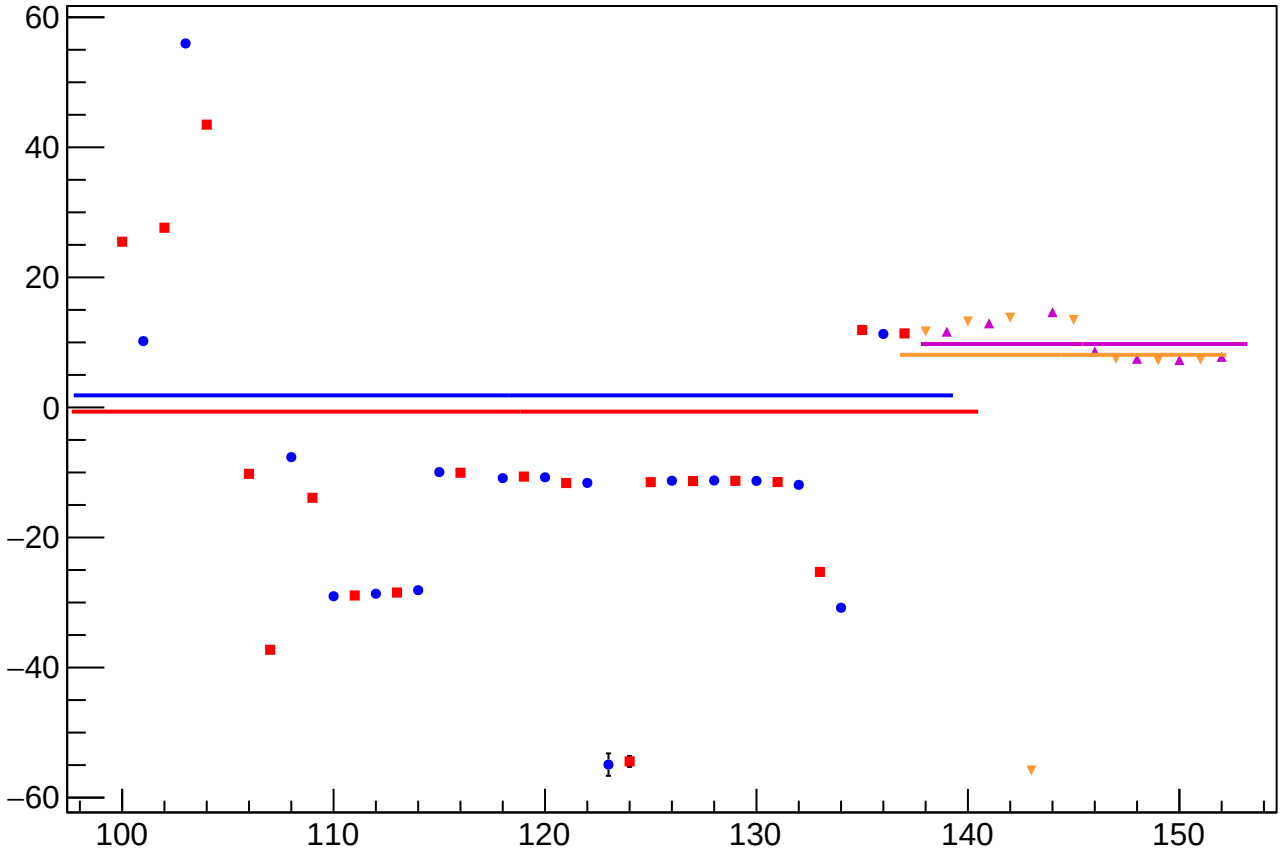
Left In: -5.635+/-0.486 χ^2/NDF:30.8/6

+ sign 1.865+/-0.396 χ^2/NDF: 1152.1/24

All: 1.194+/-0.279 χ^2/NDF: 2194.5/50

- sign 0.536+/-0.392 χ^2/NDF: 1036.7/25

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: 8.091+/-0.025 χ^2/NDF:222422.3/7

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

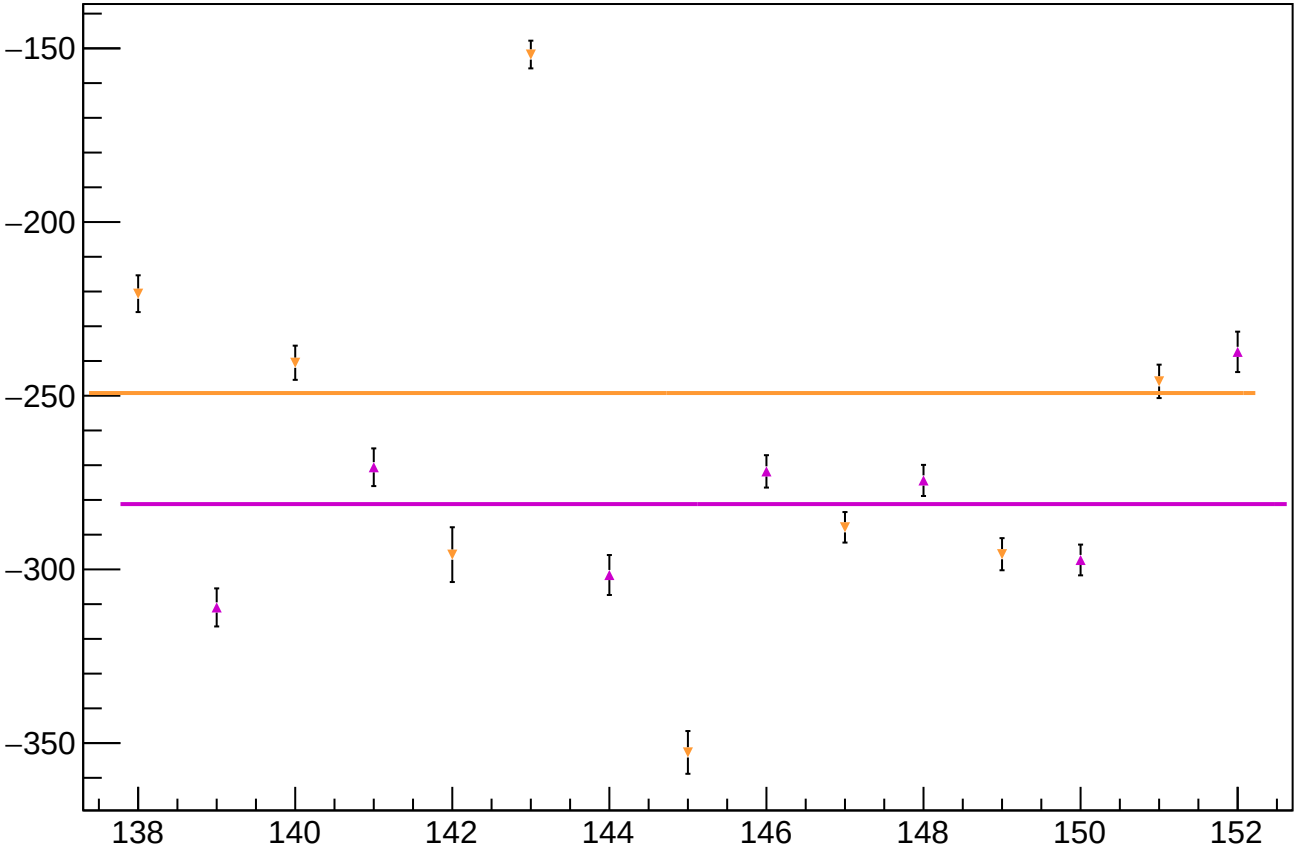
Left In: 9.751+/-0.024 χ^2/NDF:12028.8/6

+ sign 6.102+/-0.021 χ^2/NDF: 601181.8/24

All: 6.451+/-0.014 χ^2/NDF: 1031477.5/50

- sign 6.766+/-0.020 χ^2/NDF: 429765.3/25

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: -249.224+/-1.757 χ^2/NDF:1124.8/7

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

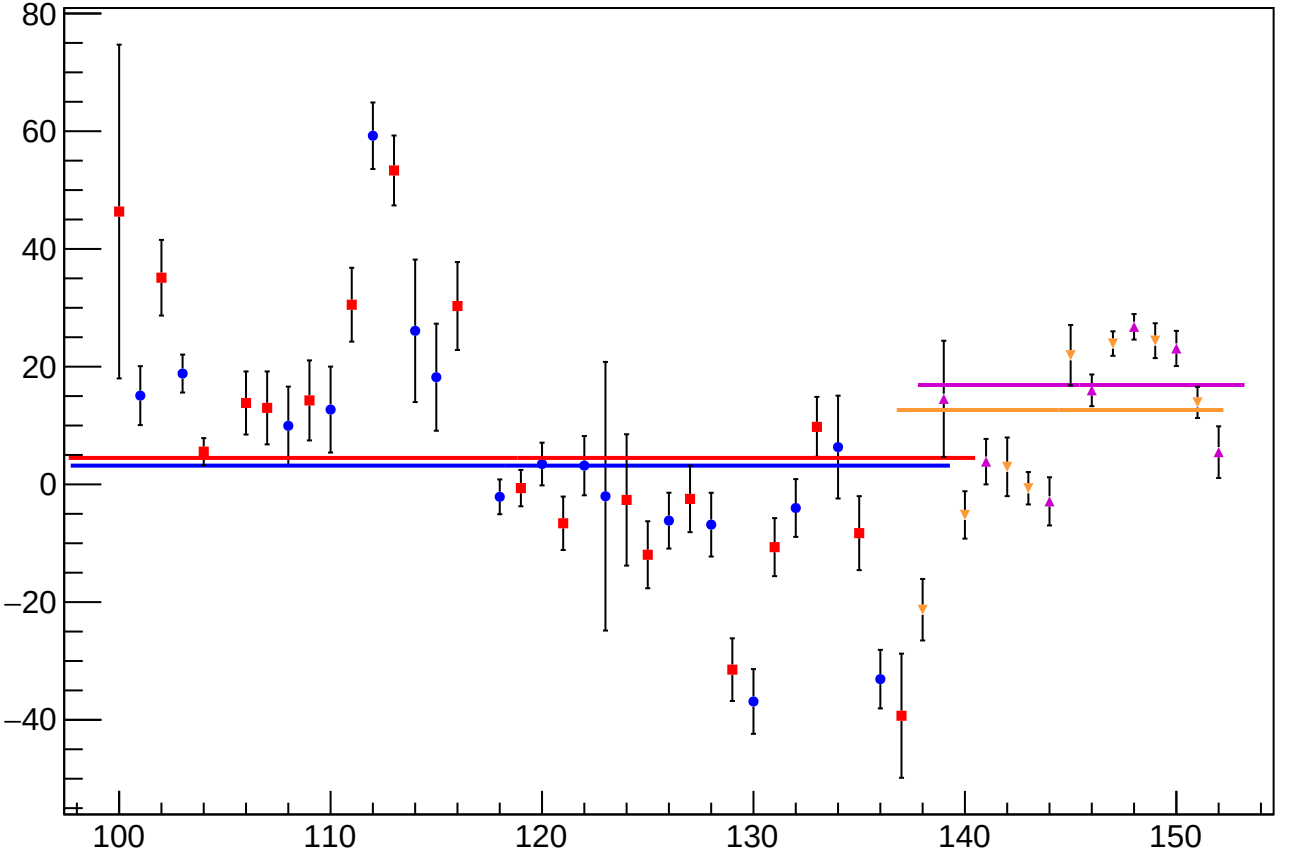
Left In: -281.196+/-1.911 χ^2/NDF:122.2/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -263.869+/-1.293 χ^2/NDF: 1398.7/14

- 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: 12.638+/-1.121 χ^2/NDF:137.5/7

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

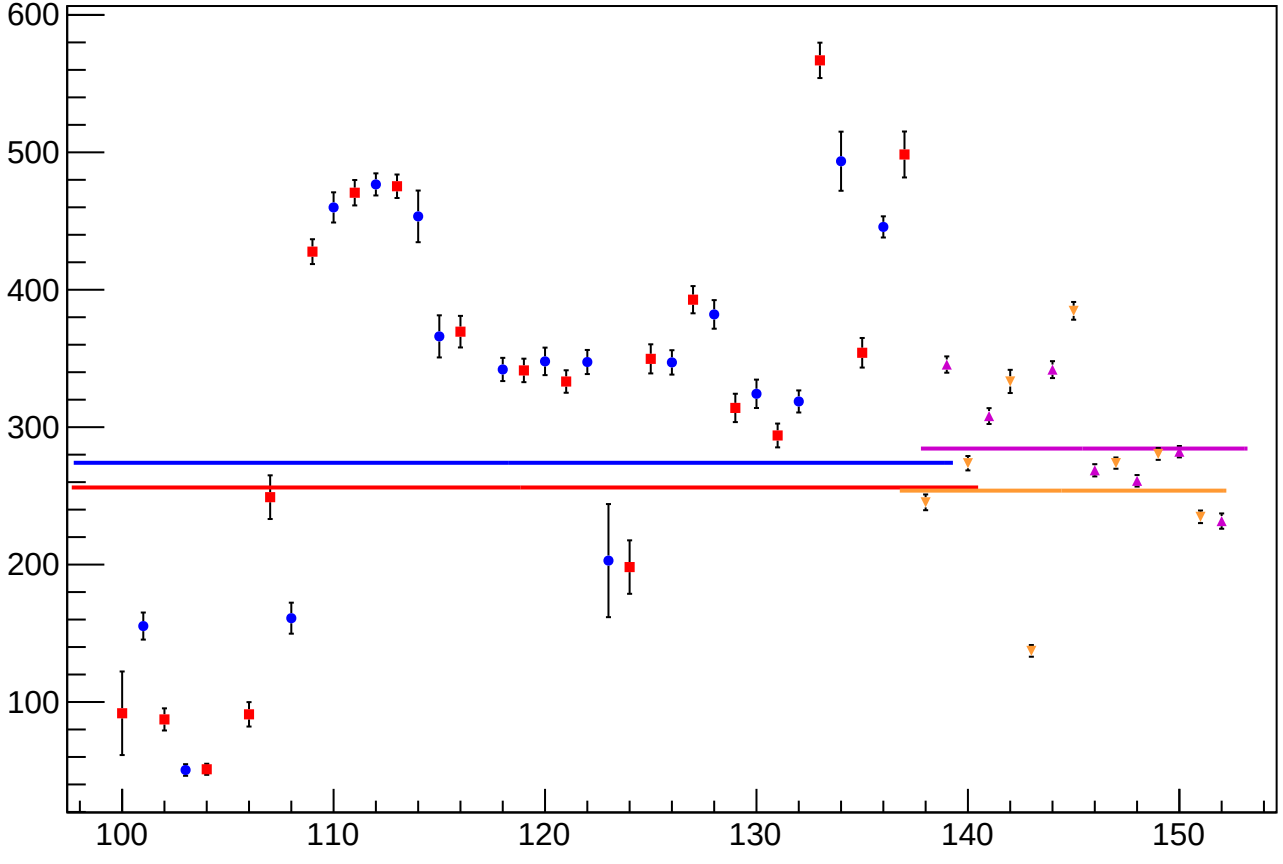
Left In: 16.888+/-1.239 χ^2/NDF:66.7/6

+ sign 8.333+/-0.827 χ^2/NDF: 425.6/24

All: 9.285+/-0.592 χ^2/NDF: 773.7/50

- sign 10.283+/-0.847 χ^2/NDF: 345.4/25

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: 253.821+/-1.766 χ^2/NDF:1345.3/7

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

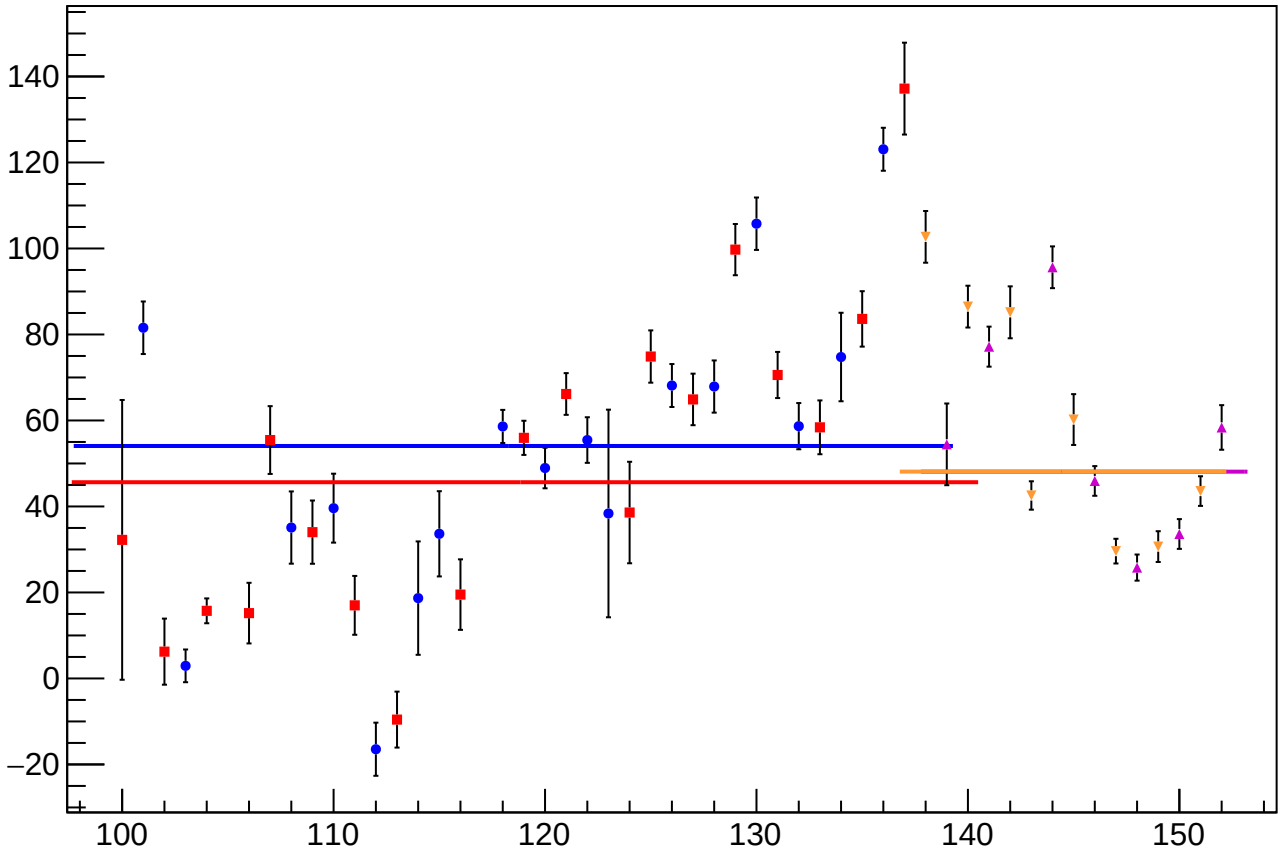
Left In: 284.437+/-1.881 χ^2/NDF:343.9/6

+ sign 261.802+/-1.375 χ^2/NDF: 6509.1/24

All: 266.675+/-0.979 χ^2/NDF: 13424.6/50

- sign 271.692+/-1.395 χ^2/NDF: 6890.0/25

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: 48.105+/-1.412 χ^2/NDF:256.3/7

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

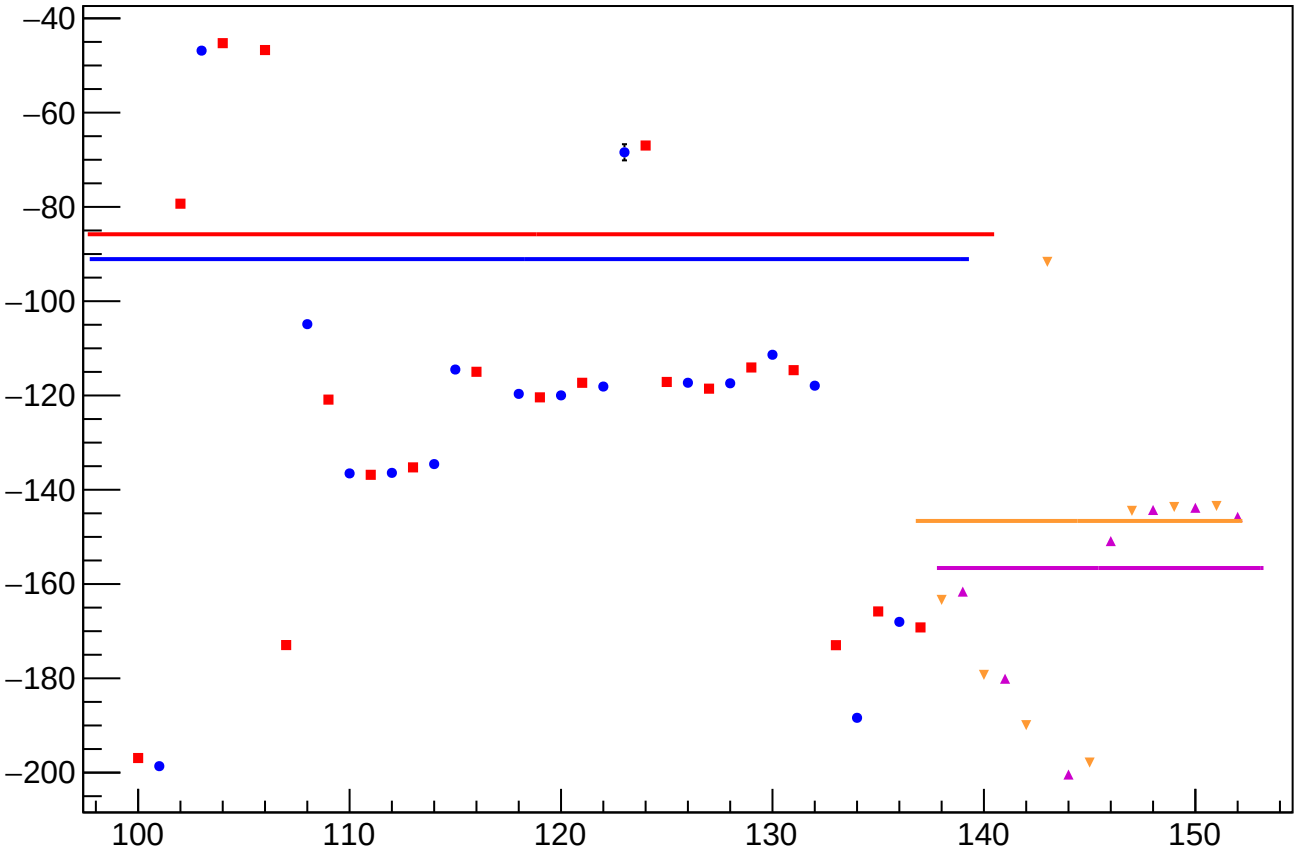
Left In: 48.092+/-1.557 χ^2/NDF:211.0/6

+ sign 51.068+/-1.002 χ^2/NDF: 899.6/24

All: 48.931+/-0.716 χ^2/NDF: 1652.1/50

- sign 46.699+/-1.024 χ^2/NDF: 743.2/25

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: -146.614+/-0.075 χ^2/NDF:186479.3/7

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

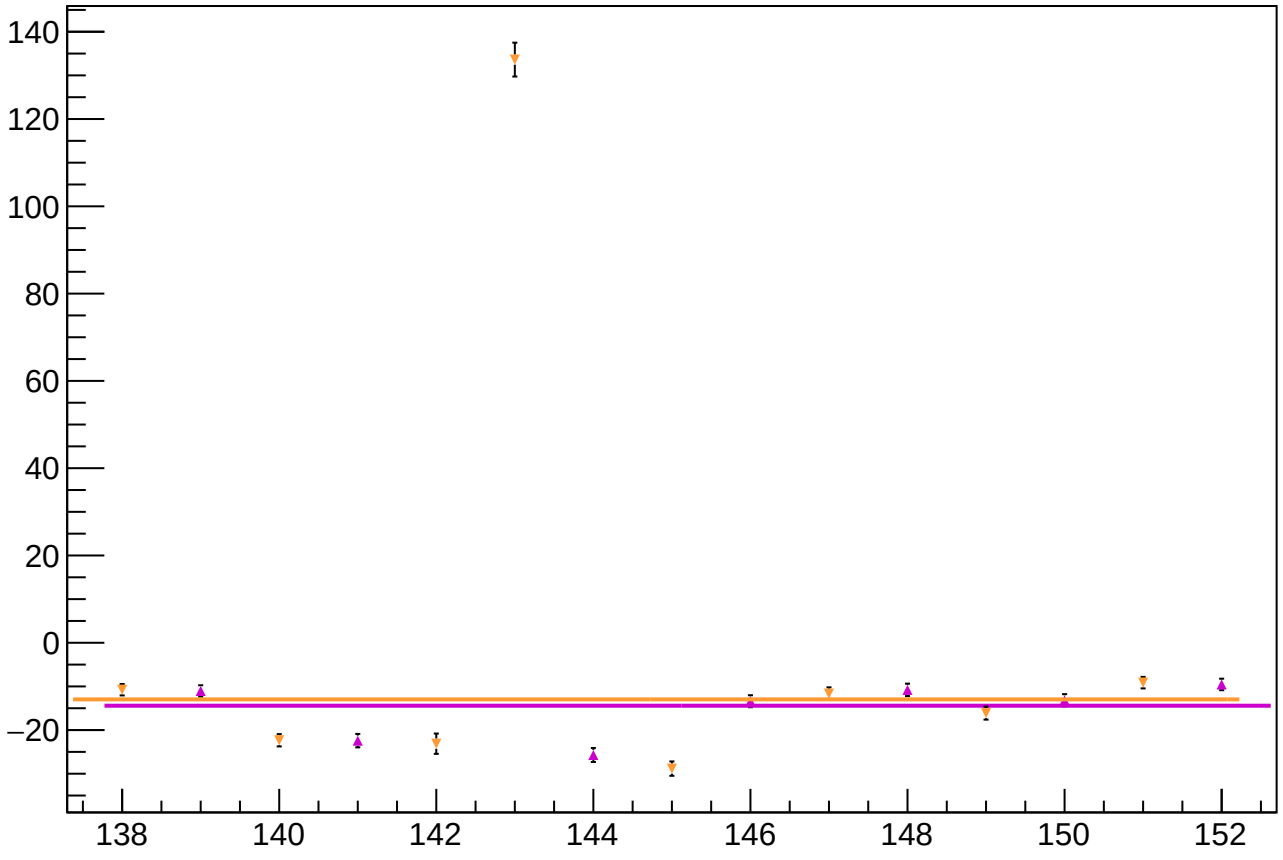
Left In: -156.599+/-0.079 χ^2/NDF:50225.8/6

+ sign -115.885+/-0.050 χ^2/NDF: 1023310.5/24

All: -115.230+/-0.035 χ^2/NDF: 2051338.2/50

- sign -114.579+/-0.050 χ^2/NDF: 1027688.6/25

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: -12.969+/-0.558 χ^2/NDF:1598.9/7

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

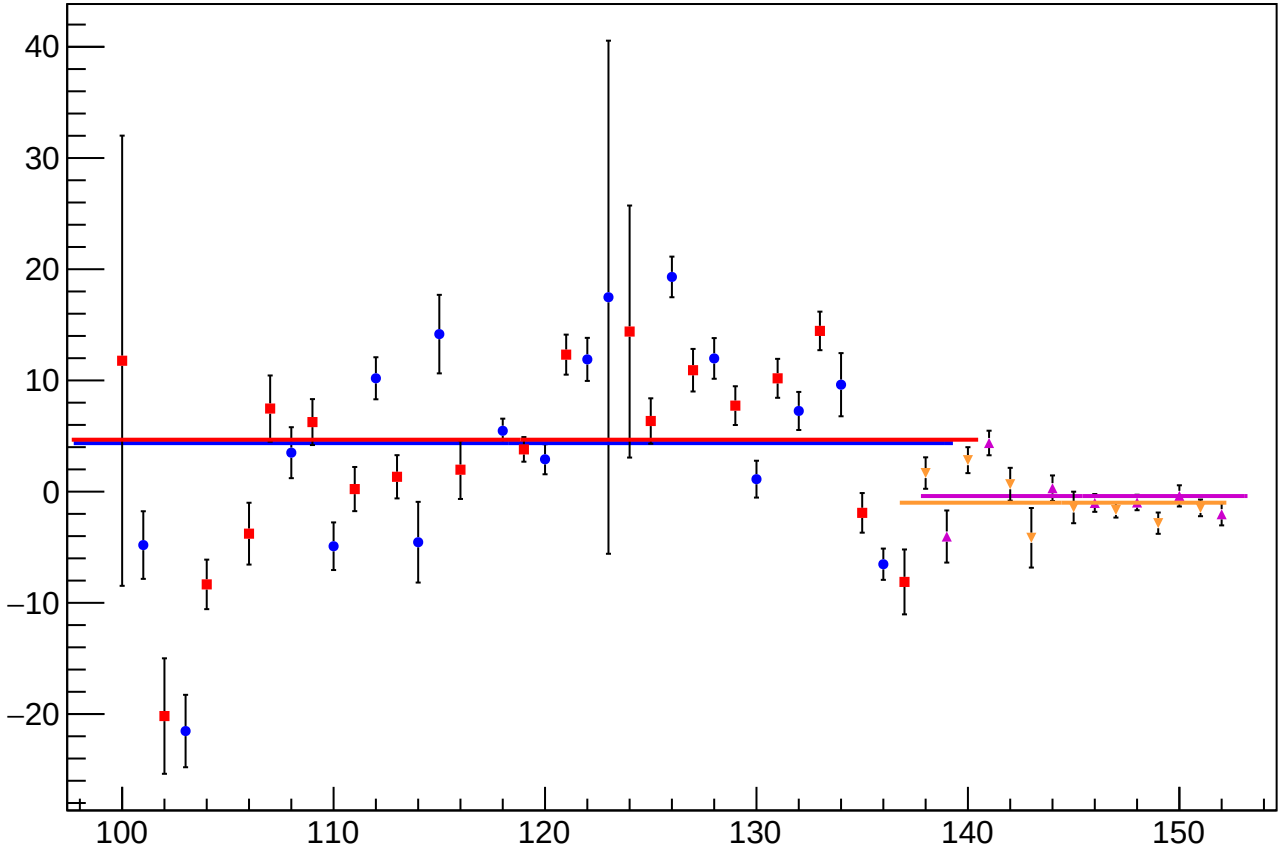
Left In: -14.419+/-0.534 χ^2/NDF:104.6/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.725+/-0.386 χ^2/NDF: 1707.0/14

- 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: -0.995+/-0.369 χ^2/NDF:22.1/7

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

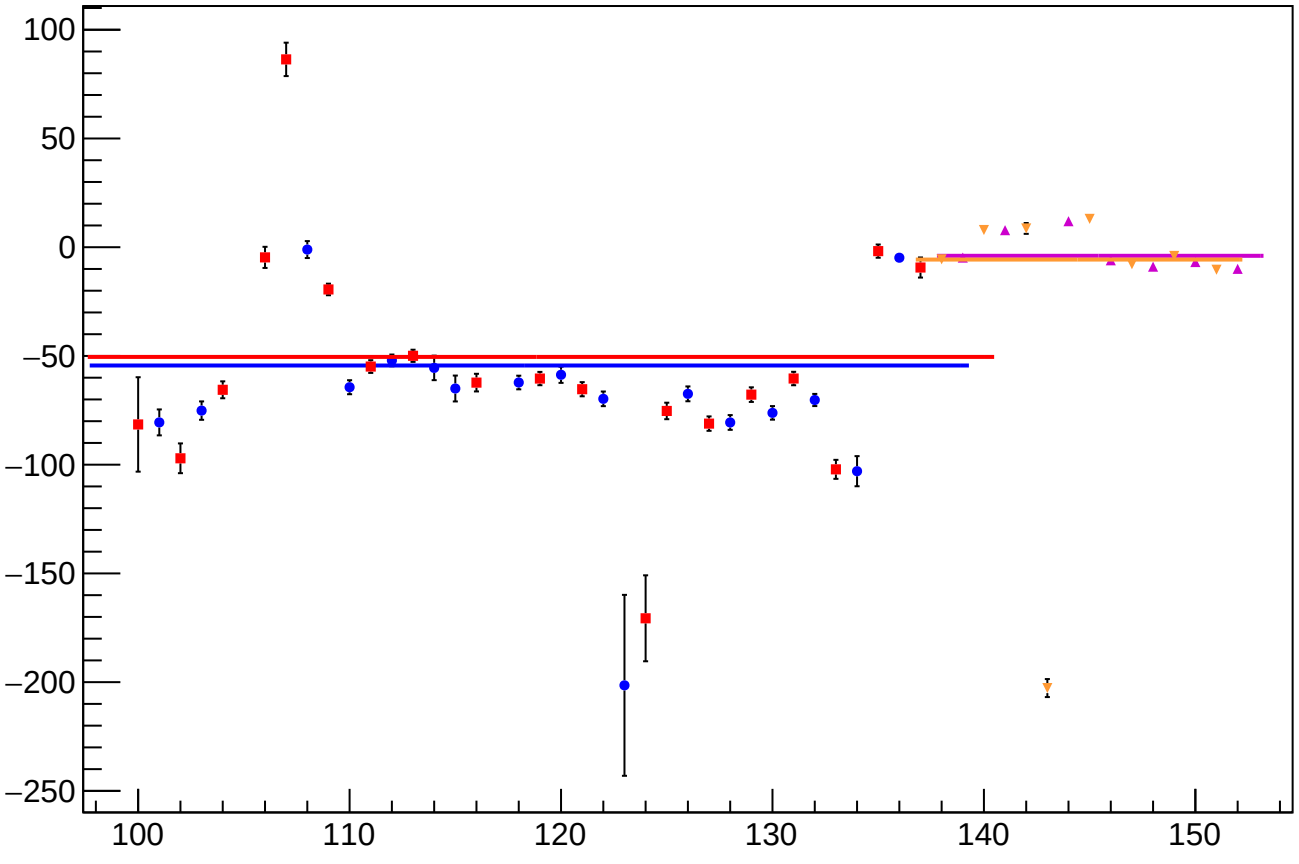
Left In: -0.397+/-0.366 χ^2/NDF:25.4/6

+ sign 1.076+/-0.289 χ^2/NDF: 390.2/24

All: 1.283+/-0.204 χ^2/NDF: 673.6/50

- sign 1.492+/-0.290 χ^2/NDF: 282.4/25

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: -5.680+/-0.560 χ^2/NDF:2513.8/7

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

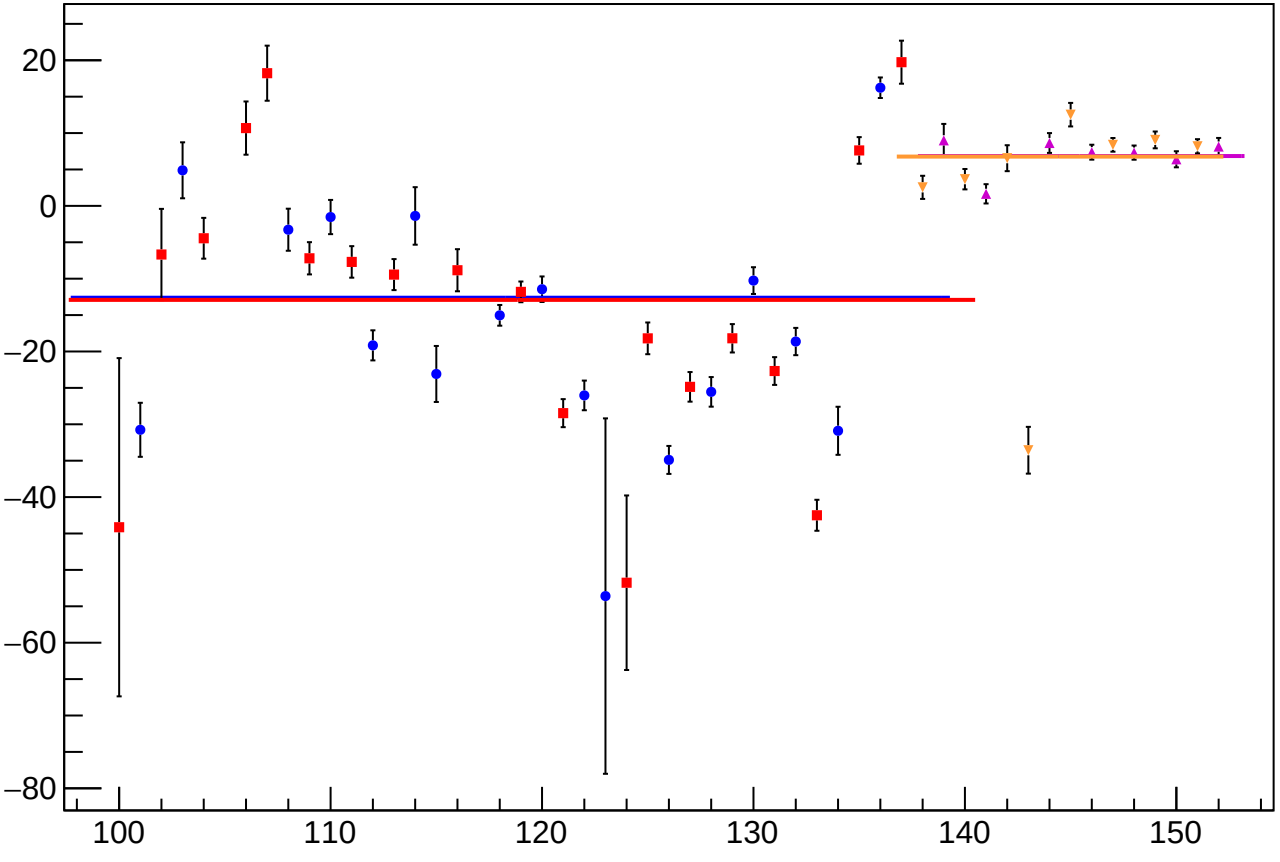
Left In: -3.948+/-0.530 χ^2/NDF:181.3/6

+ sign -20.110+/-0.469 χ^2/NDF: 5772.0/24

All: -18.392+/-0.325 χ^2/NDF: 9431.0/50

- sign -16.807+/-0.451 χ^2/NDF: 3633.2/25

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: 6.772+/-0.464 χ^2/NDF:191.4/7

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

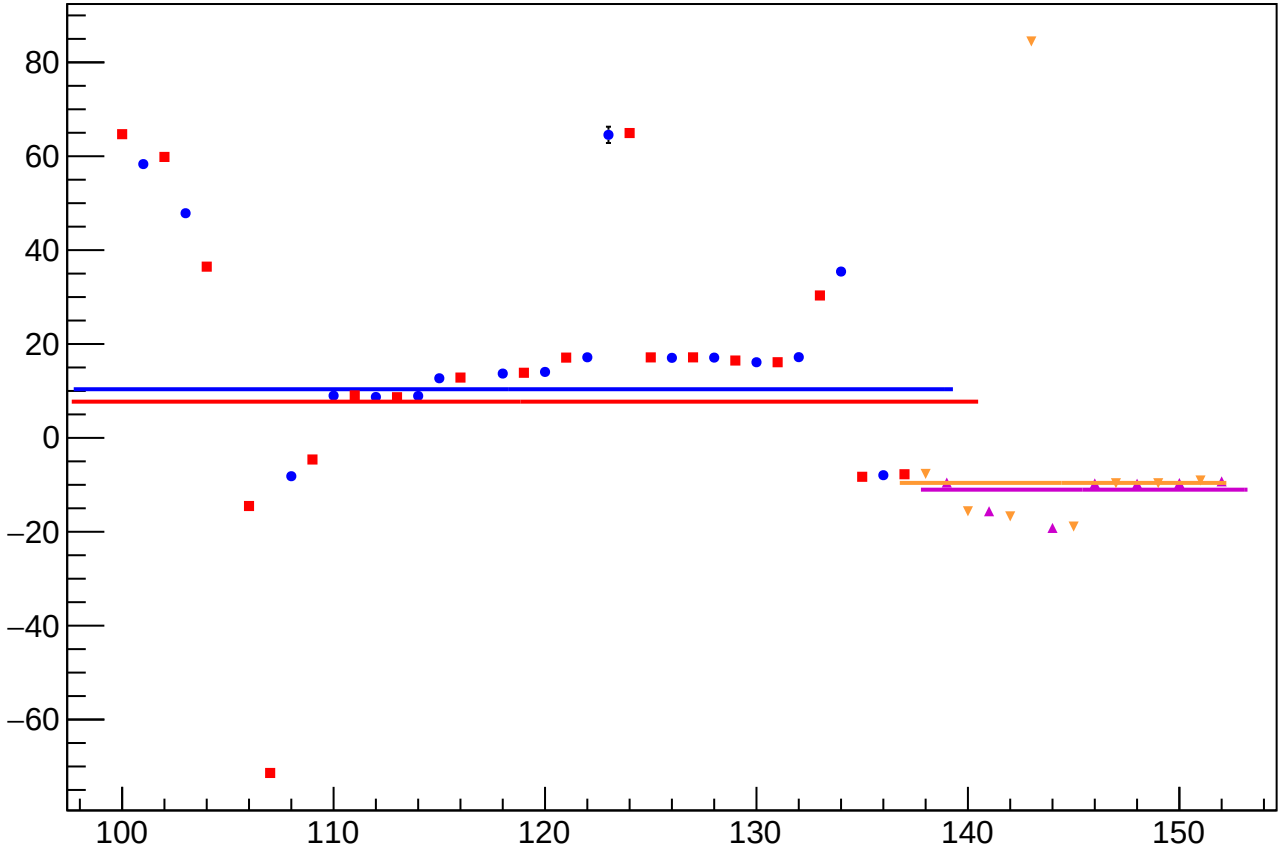
Left In: 6.845+/-0.454 χ^2/NDF:19.9/6

+ sign -1.644+/-0.349 χ^2/NDF: 1736.4/24

All: -1.507+/-0.246 χ^2/NDF: 3274.0/50

- sign -1.371+/-0.347 χ^2/NDF: 1537.3/25

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: -9.589+/-0.024 χ^2/NDF:354426.8/7

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

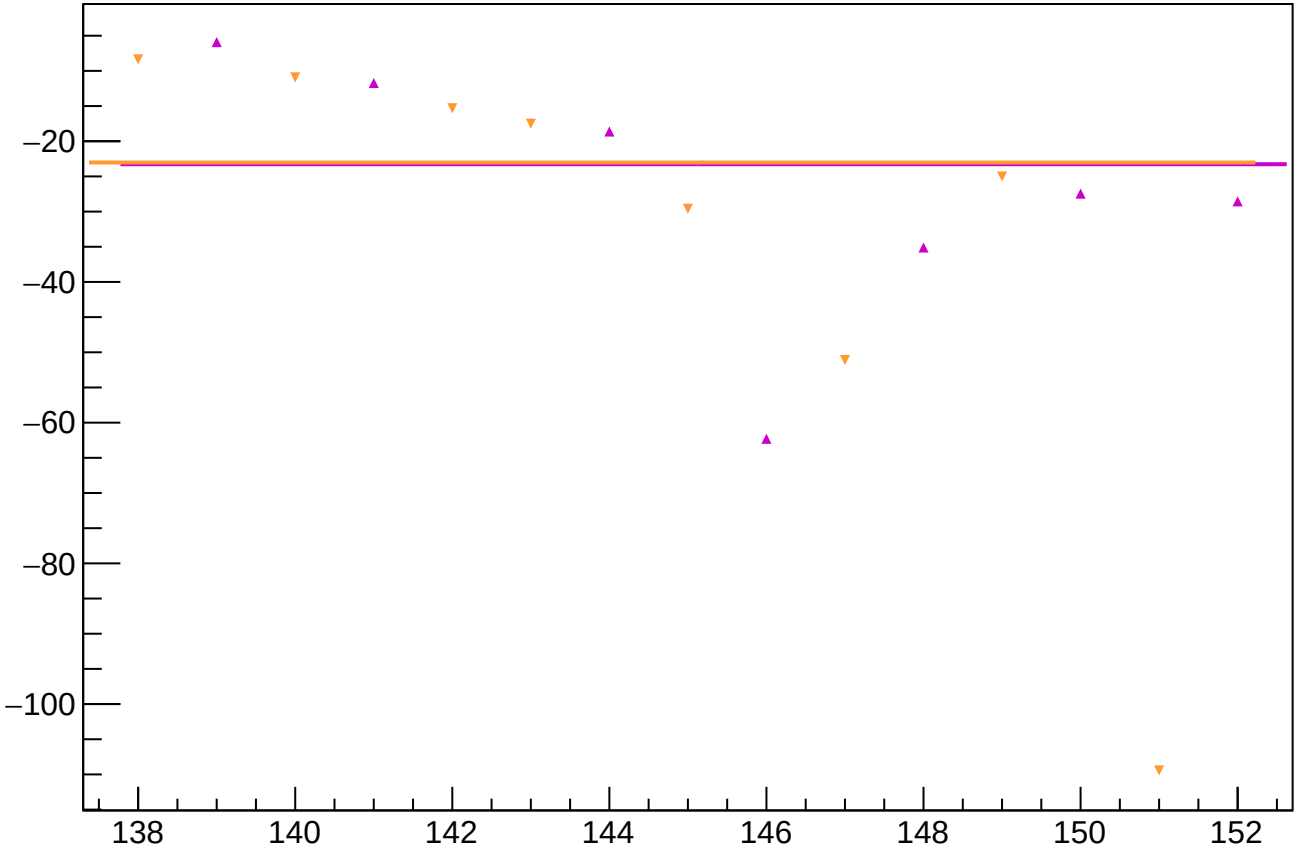
Left In: -11.033+/-0.022 χ^2/NDF:20360.3/6

+ sign -2.090+/-0.019 χ^2/NDF: 1001987.9/24

All: -3.545+/-0.013 χ^2/NDF: 1820786.6/50

- sign -4.877+/-0.018 χ^2/NDF: 807230.9/25

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -23.020+/-0.101 χ^2/NDF:48904.9/7

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

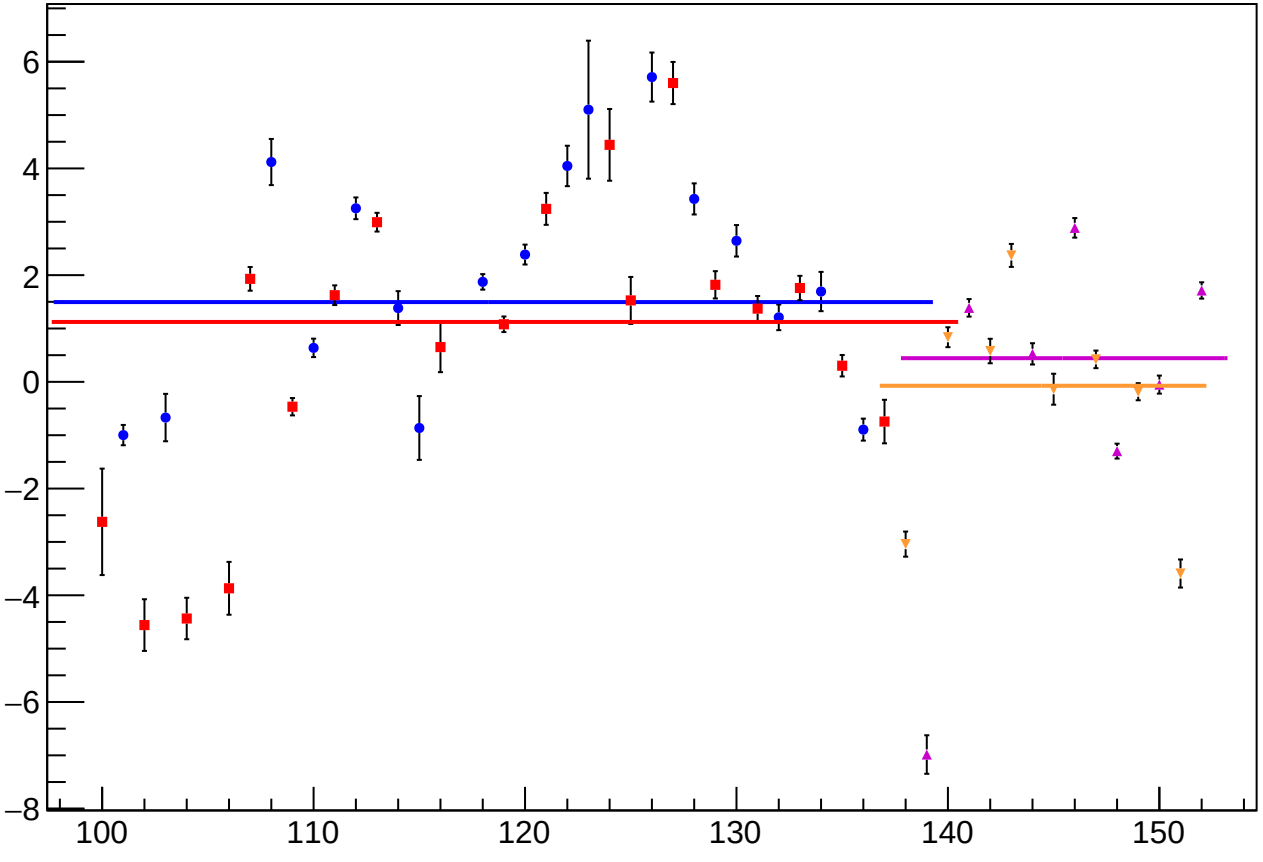
Left In: -23.266+/-0.093 χ^2/NDF:28452.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.153+/-0.068 χ^2/NDF: 77360.6/14

- 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: -0.073+/-0.073 χ^2/NDF:507.4/7

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

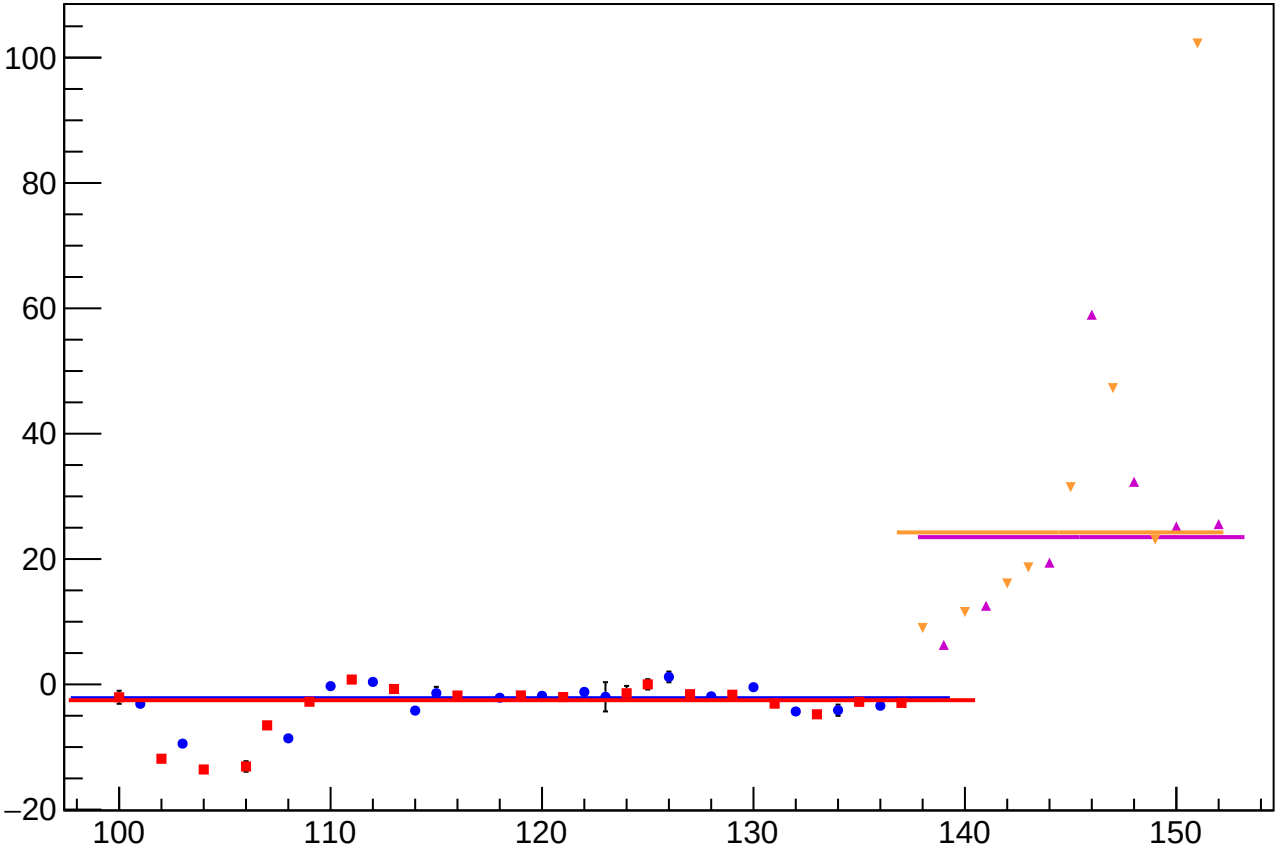
Left In: 0.444+/-0.066 χ^2/NDF:866.2/6

+ sign 0.846+/-0.047 χ^2/NDF: 1489.2/24

All: 0.836+/-0.032 χ^2/NDF: 3361.4/50

- sign 0.827+/-0.044 χ^2/NDF: 1872.1/25

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 24.251+/-0.103 χ^2/NDF:43471.6/7

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

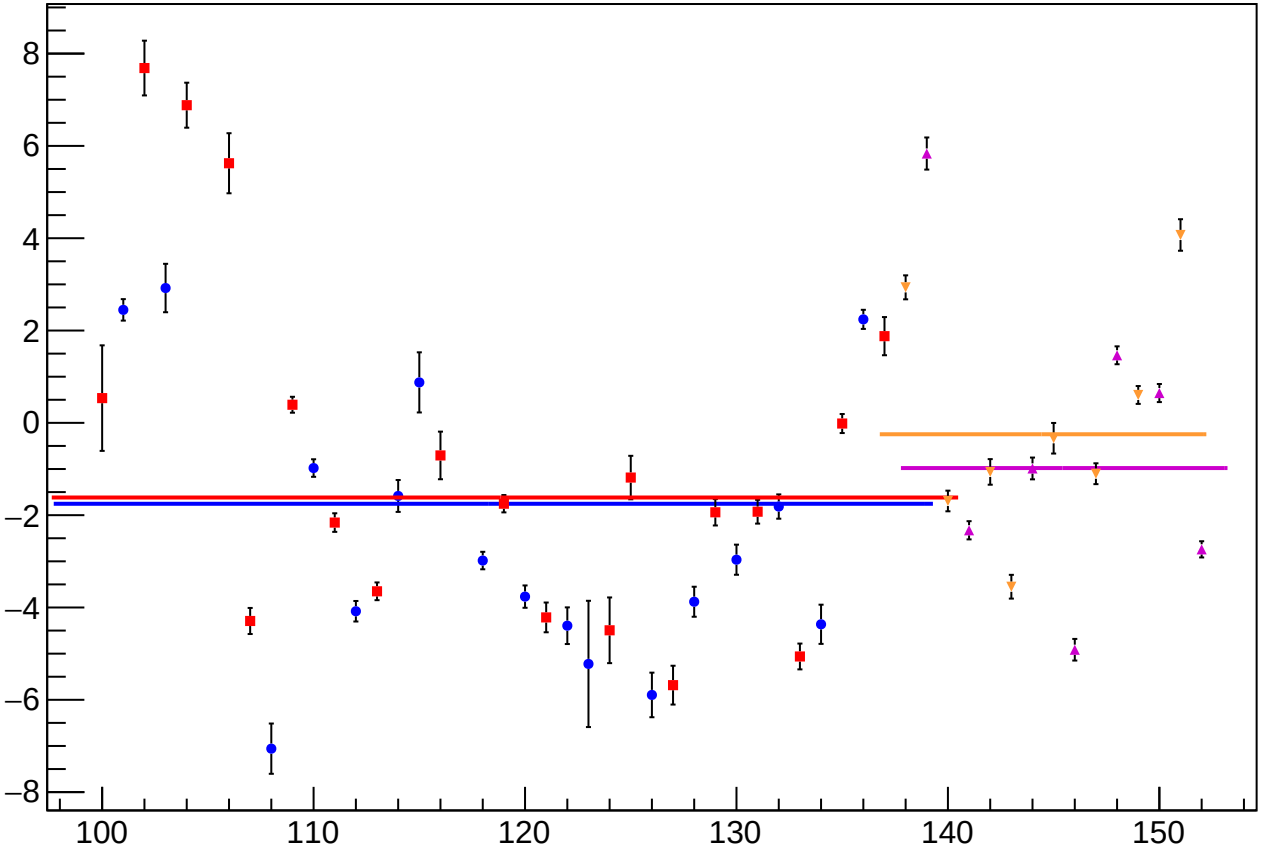
Left In: 23.499+/-0.093 χ^2/NDF:23833.3/6

+ sign 11.939+/-0.075 χ^2/NDF: 74514.6/24

All: 11.585+/-0.050 χ^2/NDF: 136012.1/50

- sign 11.299+/-0.068 χ^2/NDF: 61457.6/25

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -0.247+/-0.089 χ^2/NDF:558.7/7

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

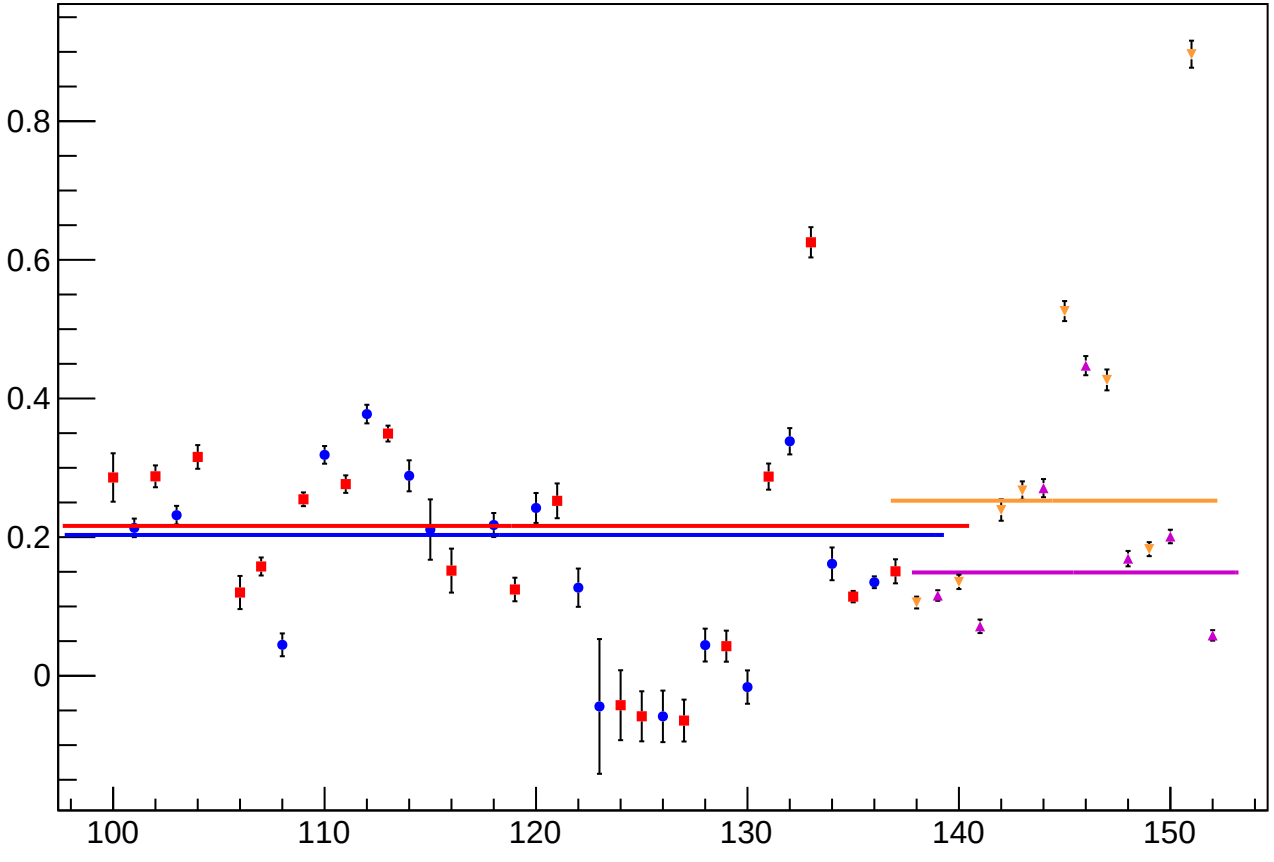
Left In: -0.979+/-0.080 χ^2/NDF:1041.1/6

+ sign -1.173+/-0.055 χ^2/NDF: 2080.7/24

All: -1.274+/-0.037 χ^2/NDF: 4653.5/50

- sign -1.361+/-0.051 χ^2/NDF: 2566.5/25

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.253+/-0.004 χ^2/NDF:2054.9/7

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

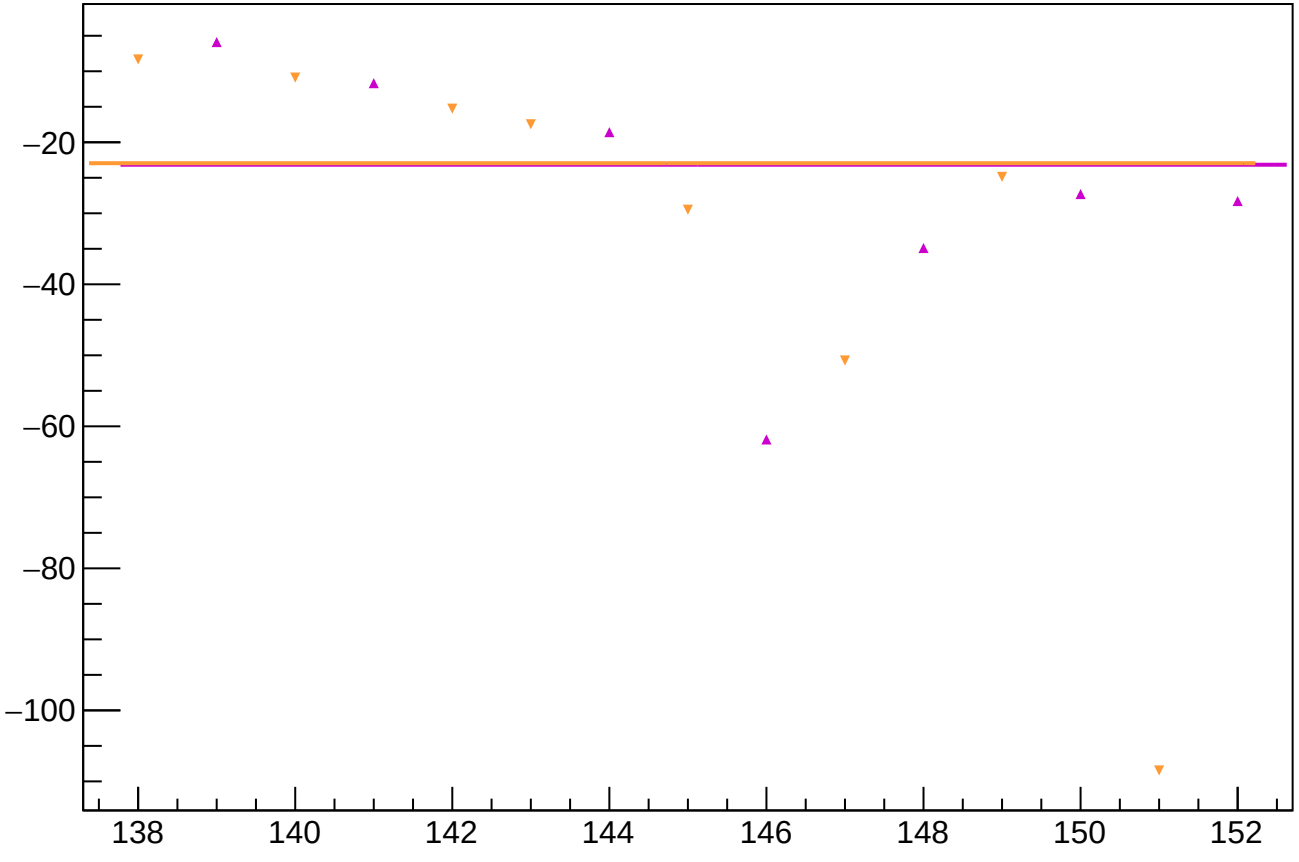
Left In: 0.149+/-0.004 χ^2/NDF:809.5/6

+ sign 0.227+/-0.003 χ^2/NDF: 2801.2/24

All: 0.202+/-0.002 χ^2/NDF: 4973.0/50

- sign 0.182+/-0.003 χ^2/NDF: 2043.7/25

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -22.946+/-0.100 χ^2/NDF:48788.8/7

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

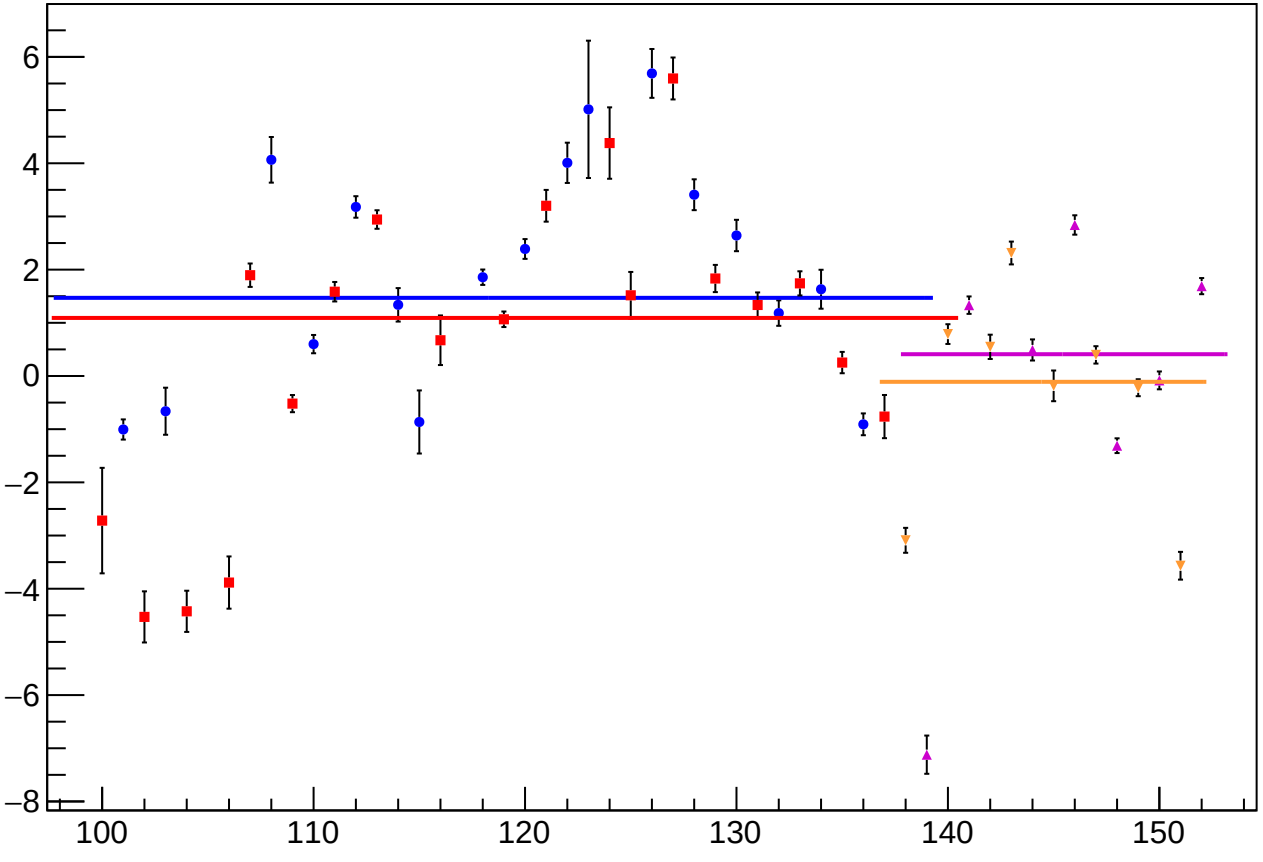
Left In: -23.162+/-0.093 χ^2/NDF:28355.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.062+/-0.068 χ^2/NDF: 77146.9/14

- 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: -0.109+/-0.072 χ^2/NDF:506.6/7

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

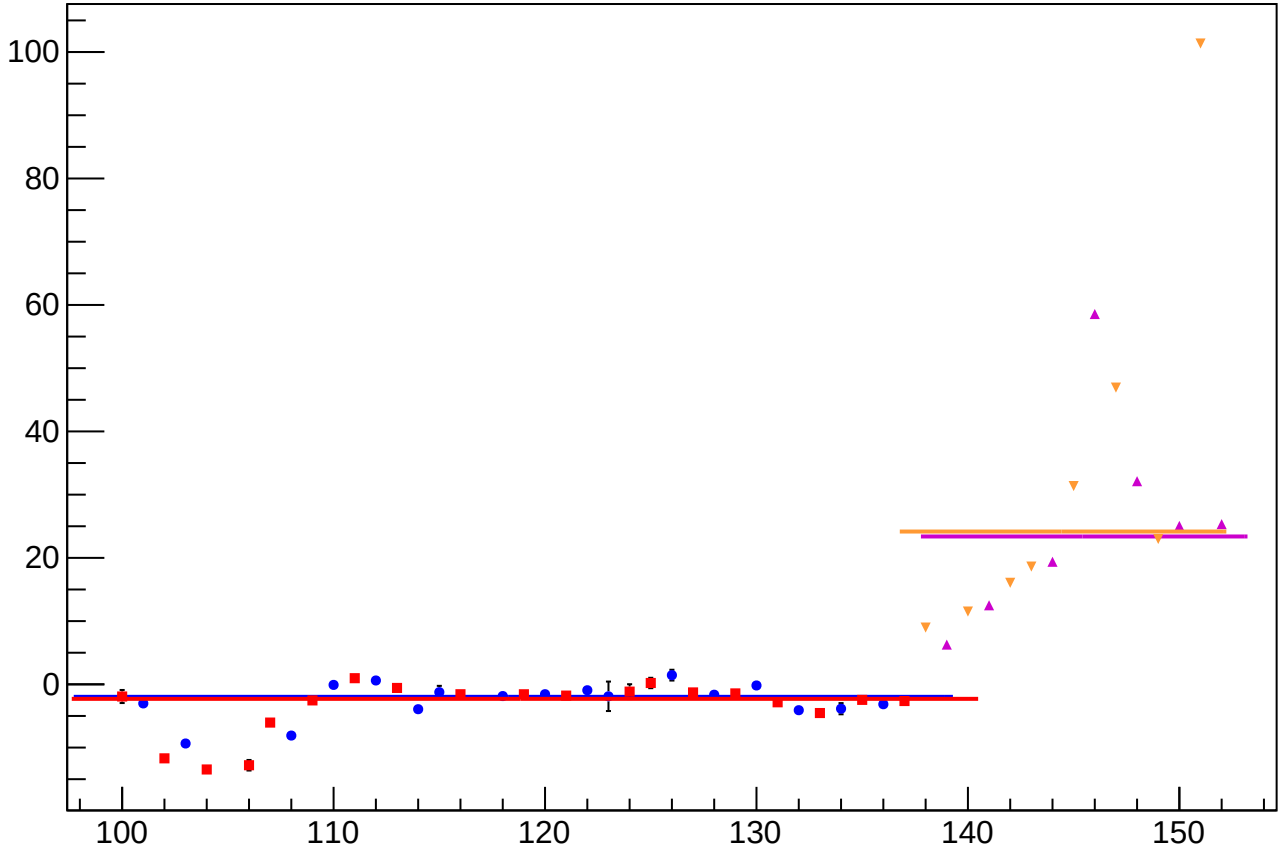
Left In: 0.410+/-0.066 χ^2/NDF:882.2/6

+ sign 0.815+/-0.047 χ^2/NDF: 1494.3/24

All: 0.804+/-0.032 χ^2/NDF: 3389.3/50

- sign 0.794+/-0.043 χ^2/NDF: 1894.9/25

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 24.167+/-0.103 χ^2/NDF:43355.3/7

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

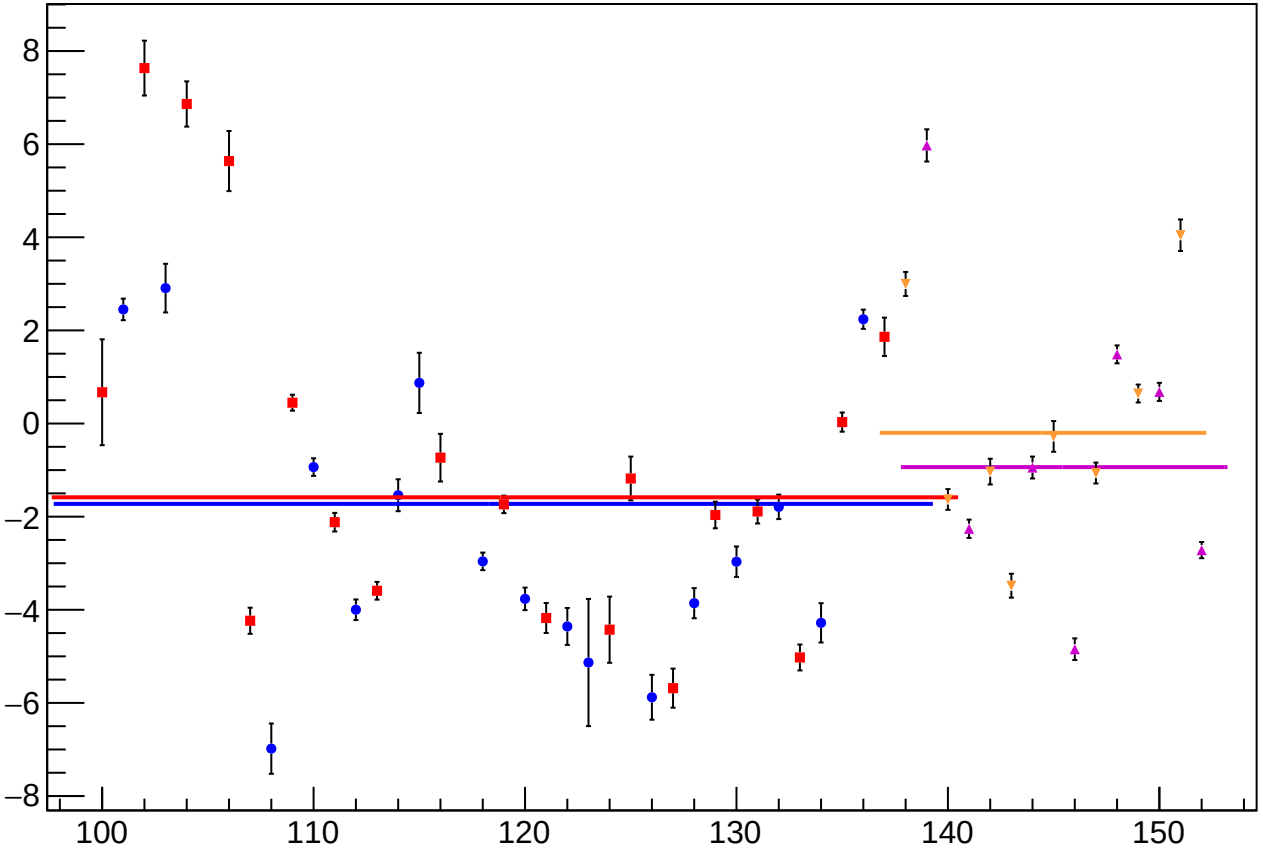
Left In: 23.385+/-0.092 χ^2/NDF:23751.9/6

+ sign 12.006+/-0.075 χ^2/NDF: 74007.4/24

All: 11.647+/-0.050 χ^2/NDF: 134891.5/50

- sign 11.357+/-0.067 χ^2/NDF: 60842.8/25

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -0.200+/-0.088 χ^2/NDF:558.7/7

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

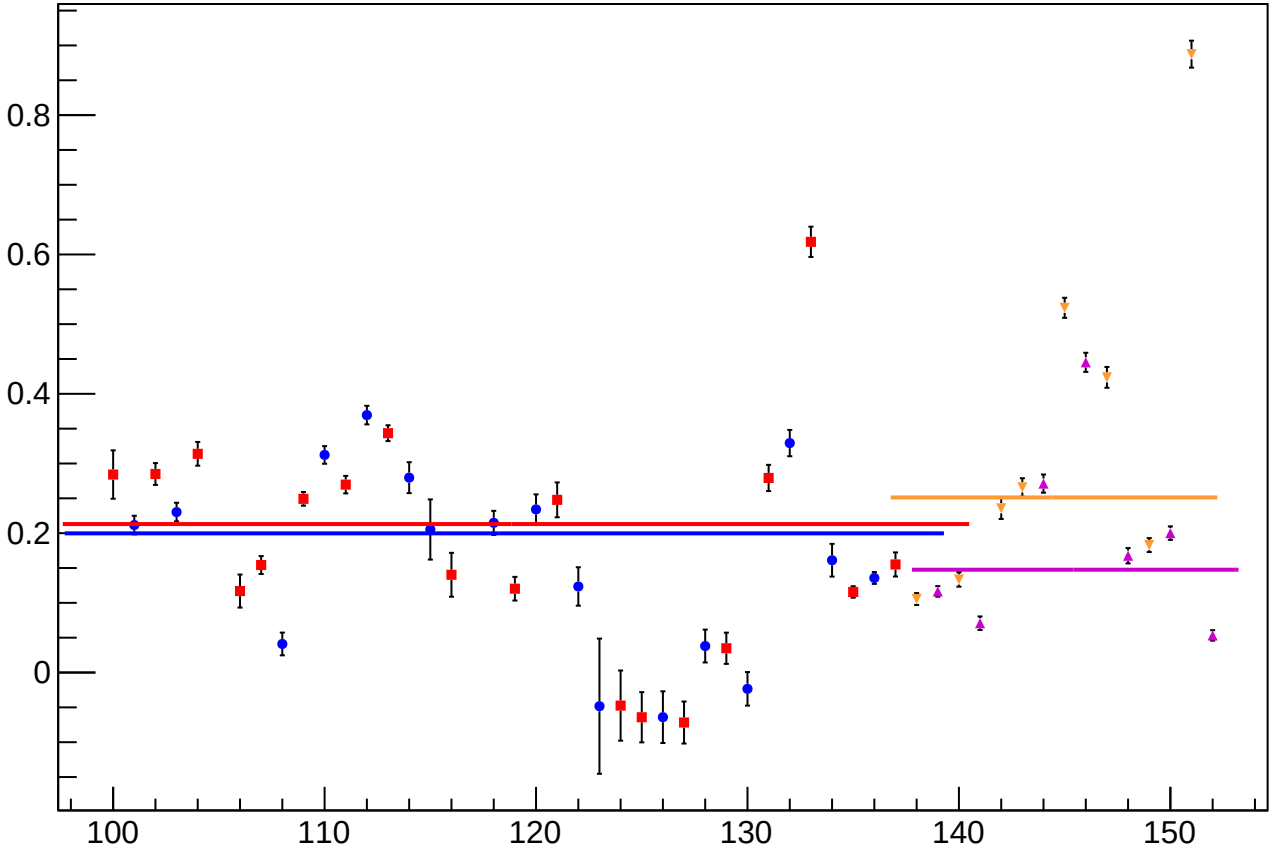
Left In: -0.936+/-0.080 χ^2/NDF:1058.5/6

+ sign -1.137+/-0.055 χ^2/NDF: 2083.7/24

All: -1.238+/-0.037 χ^2/NDF: 4680.8/50

- sign -1.323+/-0.051 χ^2/NDF: 2590.8/25

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.251+/-0.004 χ^2/NDF:2046.3/7

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

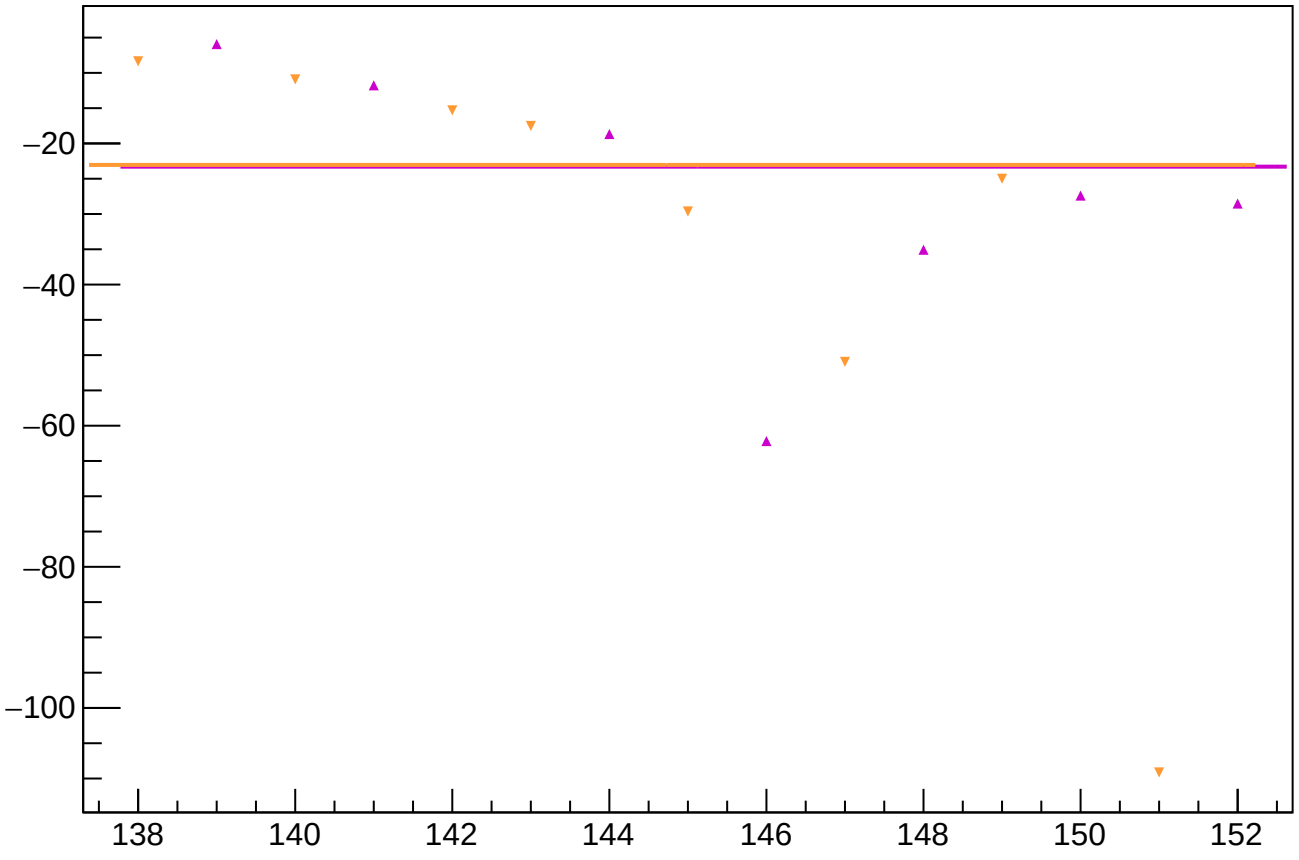
Left In: 0.148+/-0.004 χ^2/NDF:830.1/6

+ sign 0.225+/-0.003 χ^2/NDF: 2784.5/24

All: 0.199+/-0.002 χ^2/NDF: 4955.6/50

- sign 0.180+/-0.003 χ^2/NDF: 2041.7/25

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.045+/-0.100 χ^2/NDF:48889.5/7

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

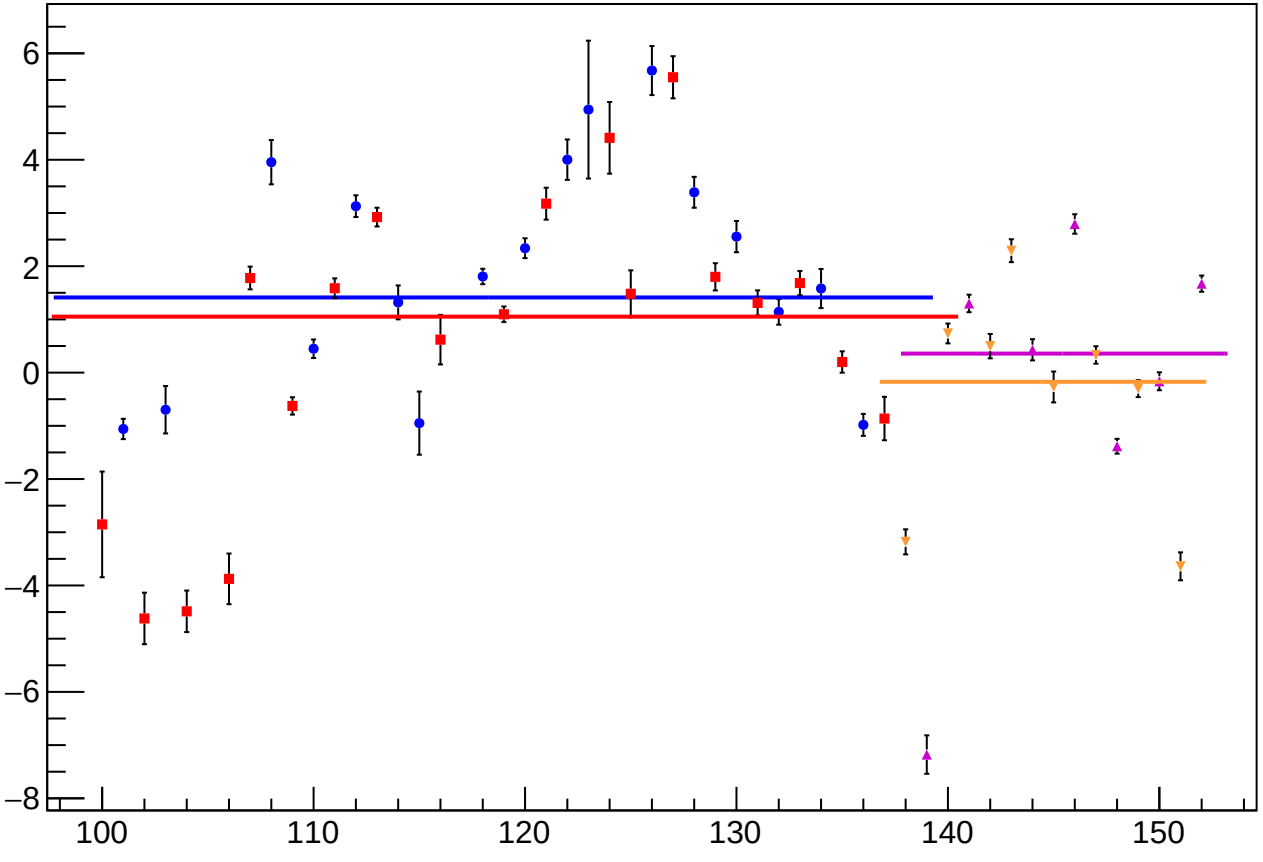
Left In: -23.290+/-0.093 χ^2/NDF:28400.5/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.177+/-0.068 χ^2/NDF: 77293.2/14

- 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: -0.172+/-0.073 χ^2/NDF:511.2/7

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

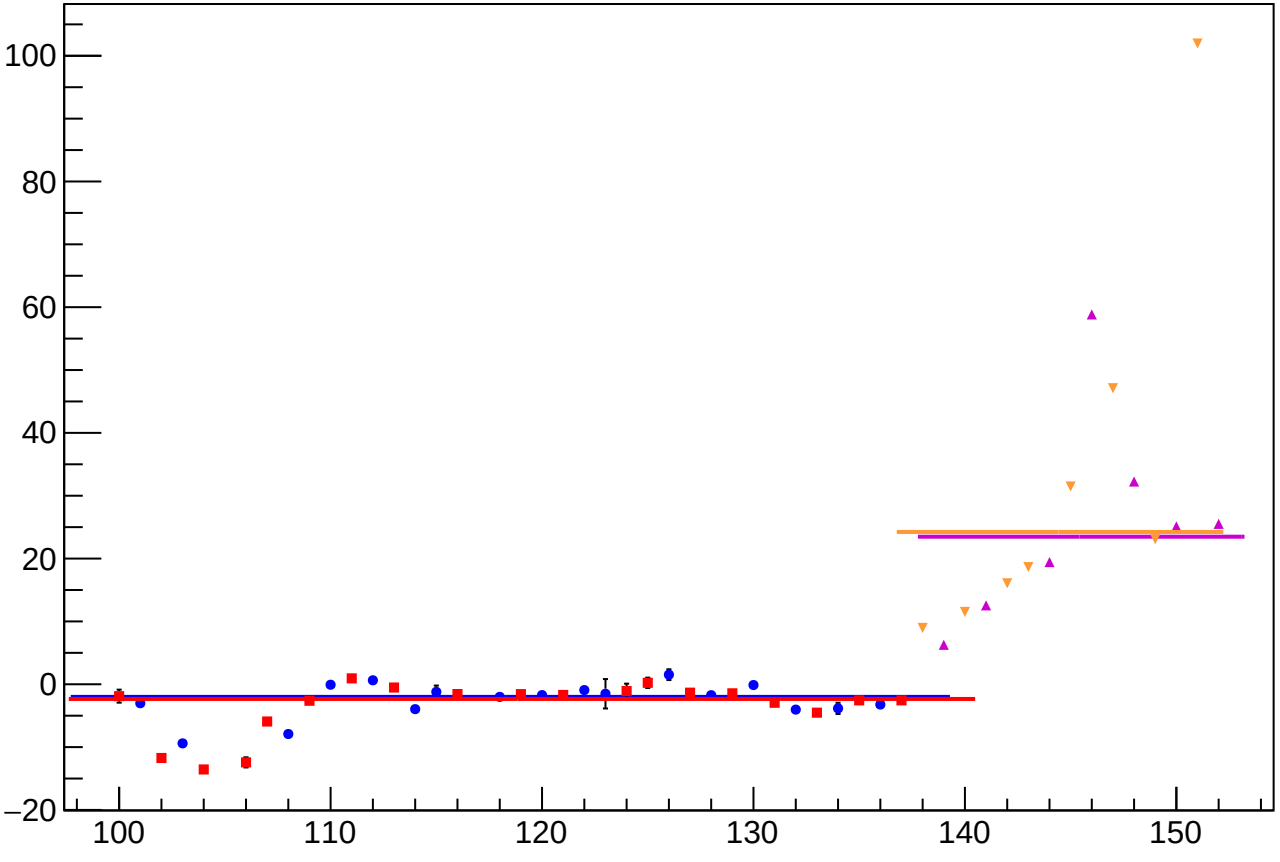
Left In: 0.357+/-0.066 χ^2/NDF:885.2/6

+ sign 0.755+/-0.047 χ^2/NDF: 1504.5/24

All: 0.752+/-0.032 χ^2/NDF: 3415.4/50

- sign 0.749+/-0.044 χ^2/NDF: 1910.9/25

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 24.236+/-0.103 χ^2/NDF:43454.9/7

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

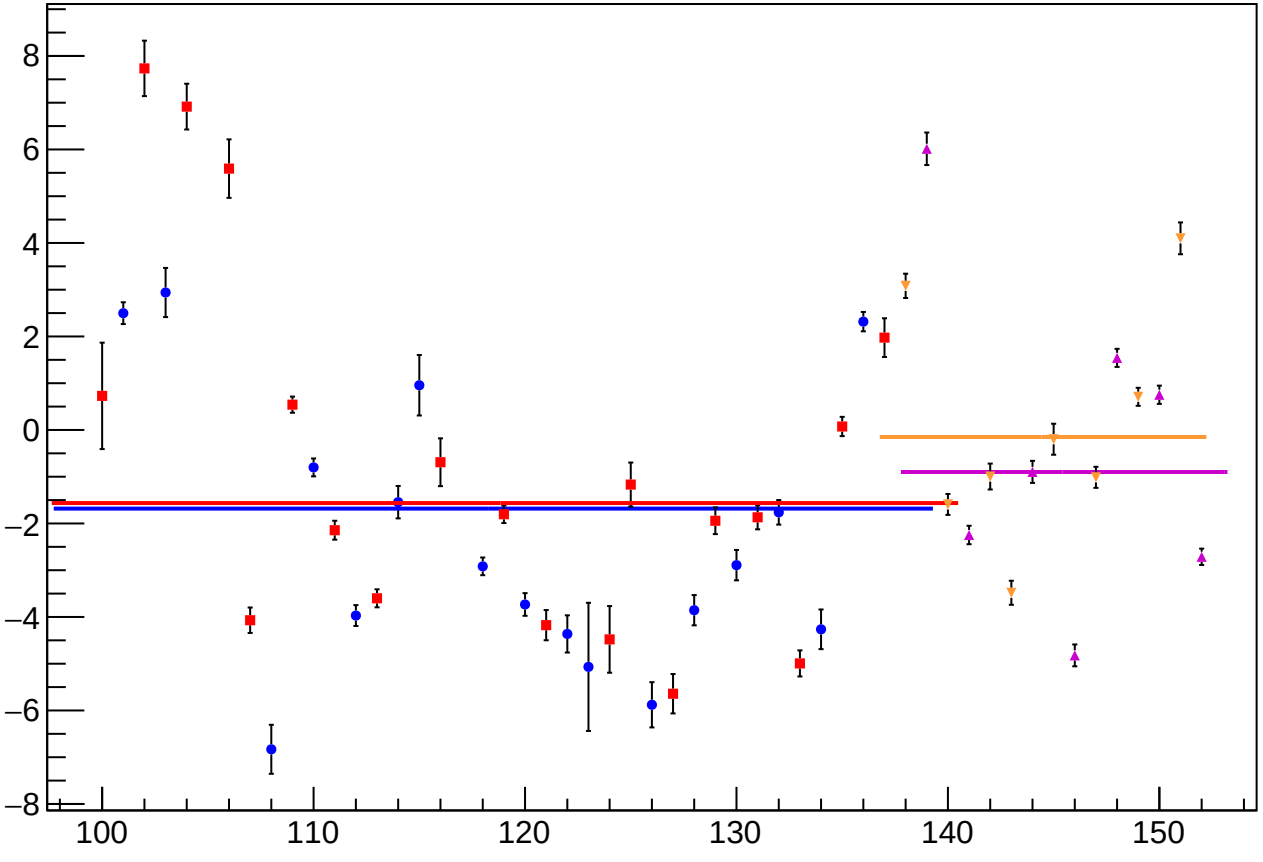
Left In: 23.481+/-0.093 χ^2/NDF:23790.8/6

+ sign 12.043+/-0.075 χ^2/NDF: 74045.0/24

All: 11.683+/-0.050 χ^2/NDF: 135006.4/50

- sign 11.393+/-0.068 χ^2/NDF: 60920.3/25

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -0.151+/-0.089 χ^2/NDF:564.1/7

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

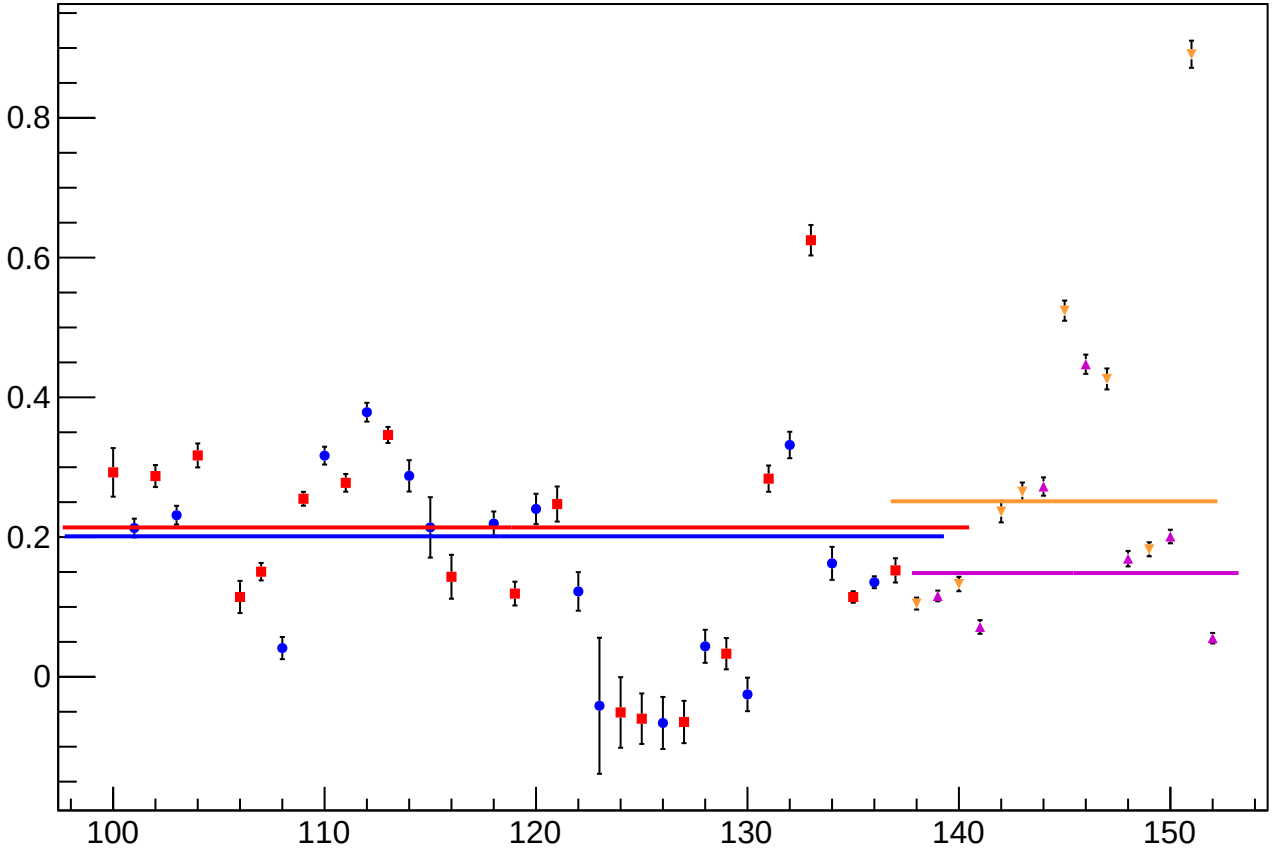
Left In: -0.899+/-0.080 χ^2/NDF:1062.0/6

+ sign -1.091+/-0.055 χ^2/NDF: 2095.2/24

All: -1.202+/-0.037 χ^2/NDF: 4710.7/50

- sign -1.296+/-0.051 χ^2/NDF: 2607.9/25

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.251+/-0.004 χ^2/NDF:2047.6/7

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

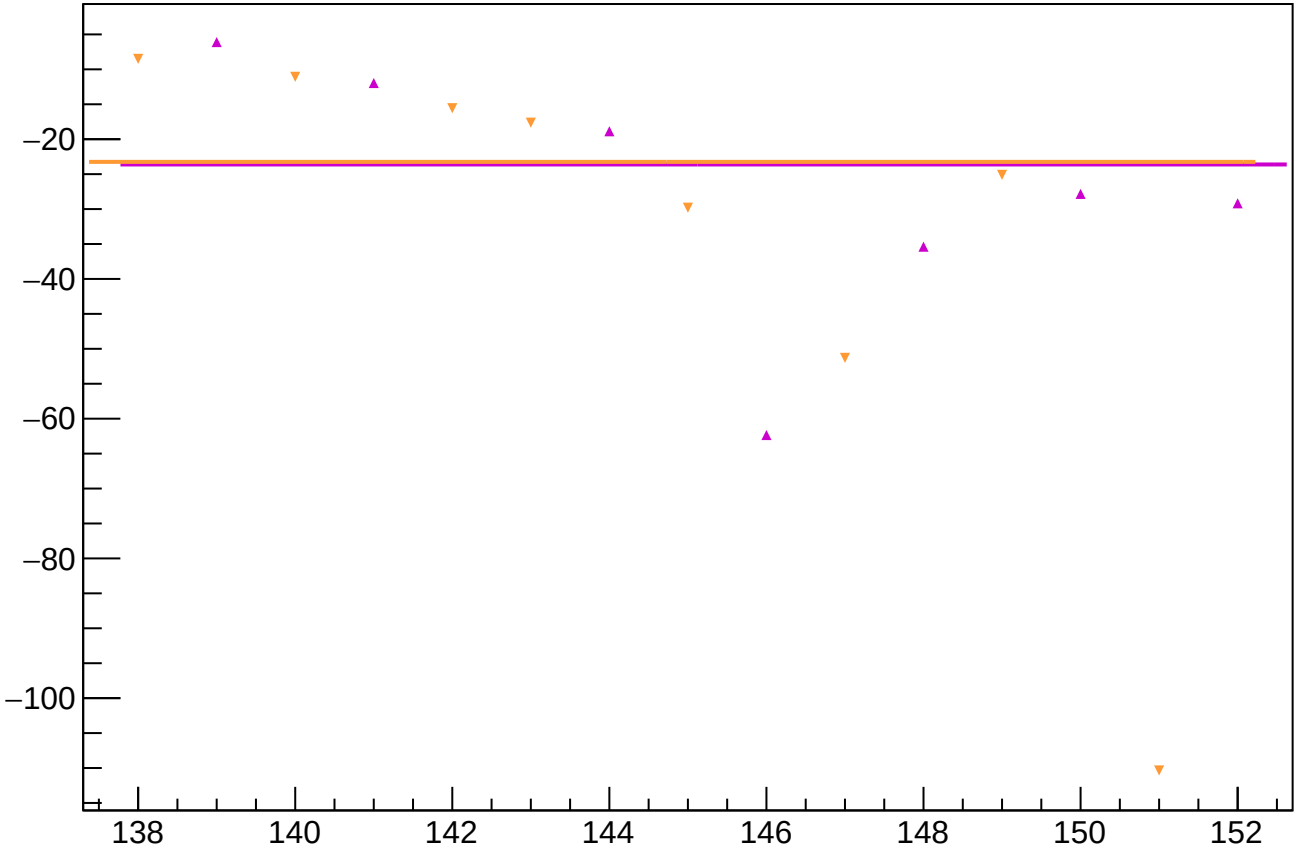
Left In: 0.149+/-0.004 χ^2/NDF:825.3/6

+ sign 0.225+/-0.003 χ^2/NDF: 2810.2/24

All: 0.200+/-0.002 χ^2/NDF: 5004.1/50

- sign 0.181+/-0.003 χ^2/NDF: 2067.0/25

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.244+/-0.101 χ^2/NDF:48772.0/7

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

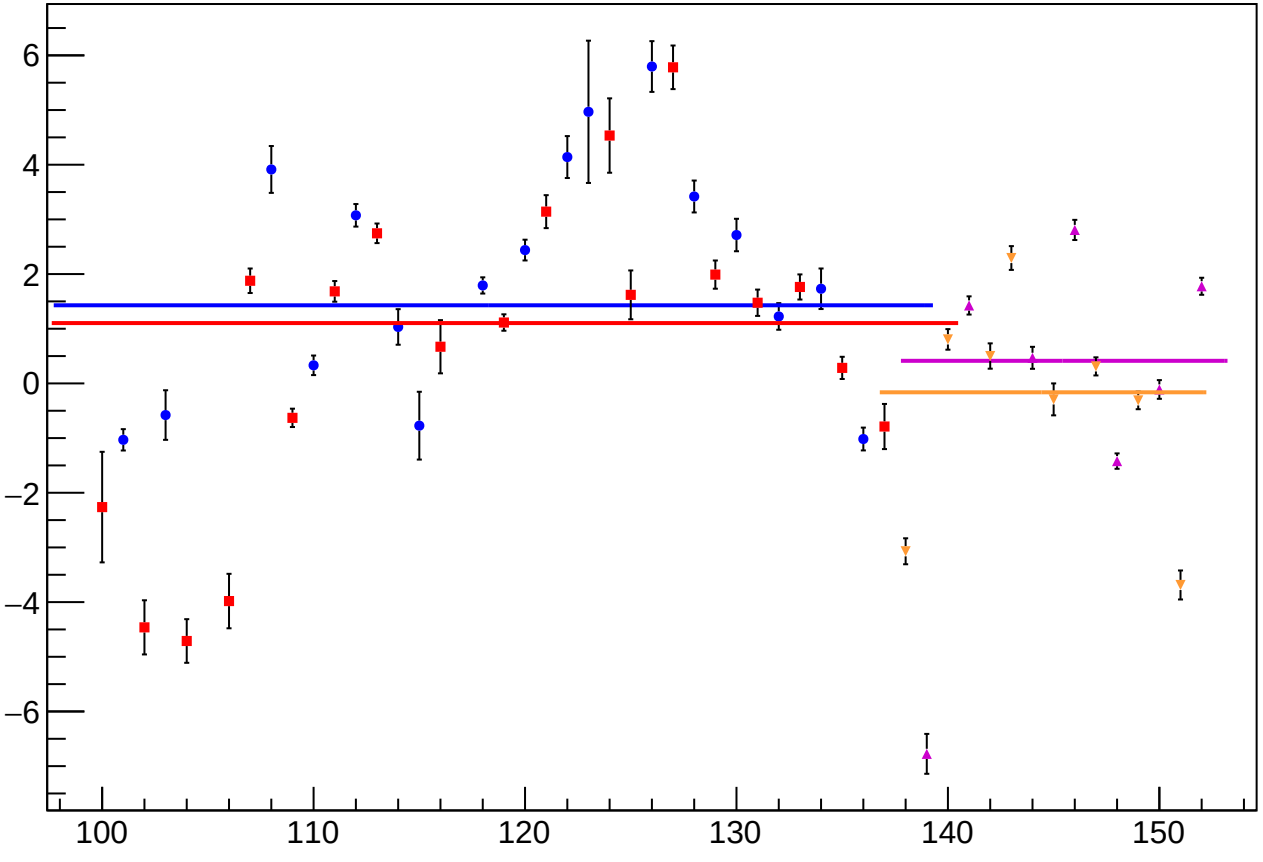
Left In: -23.616+/-0.094 χ^2/NDF:28080.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.444+/-0.069 χ^2/NDF: 76859.5/14

- 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: -0.163+/-0.073 χ^2/NDF:497.8/7

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

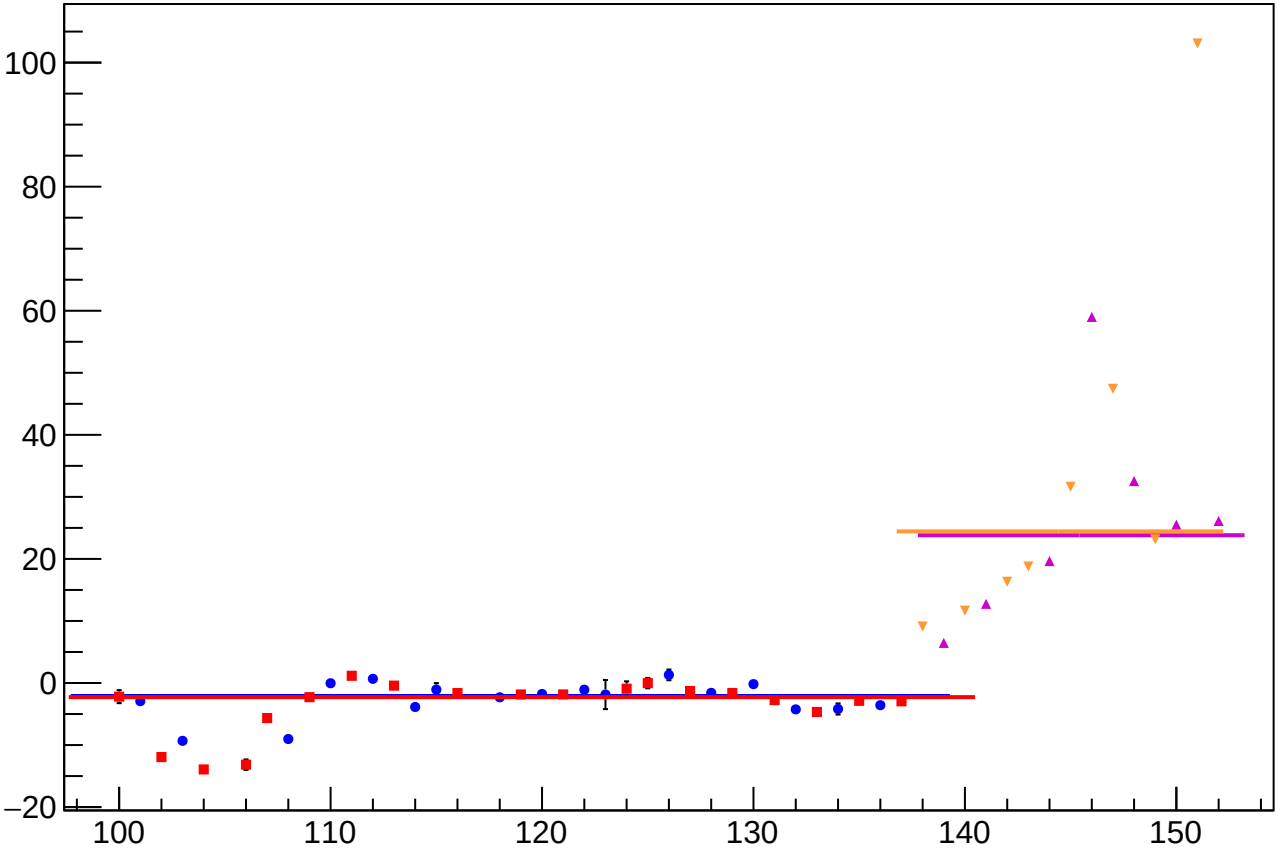
Left In: 0.413+/-0.067 χ^2/NDF:849.8/6

+ sign 0.762+/-0.047 χ^2/NDF: 1483.8/24

All: 0.782+/-0.032 χ^2/NDF: 3330.2/50

- sign 0.800+/-0.044 χ^2/NDF: 1846.0/25

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 24.439+/-0.104 χ^2/NDF:43363.8/7

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

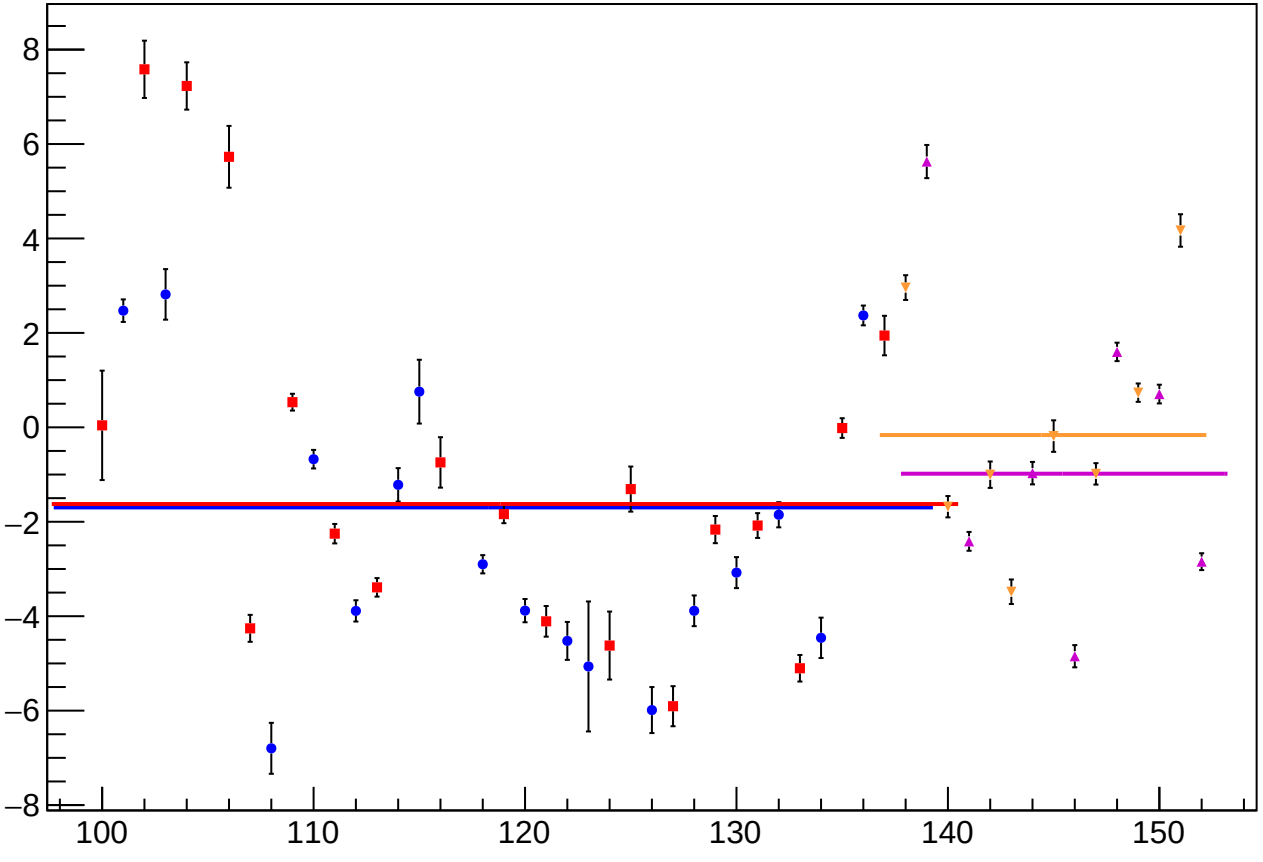
Left In: 23.821+/-0.094 χ^2/NDF:23461.4/6

+ sign 12.222+/-0.076 χ^2/NDF: 73815.1/24

All: 11.938+/-0.051 χ^2/NDF: 133995.7/50

- sign 11.708+/-0.069 χ^2/NDF: 60155.6/25

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -0.163+/-0.089 χ^2/NDF:552.3/7

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

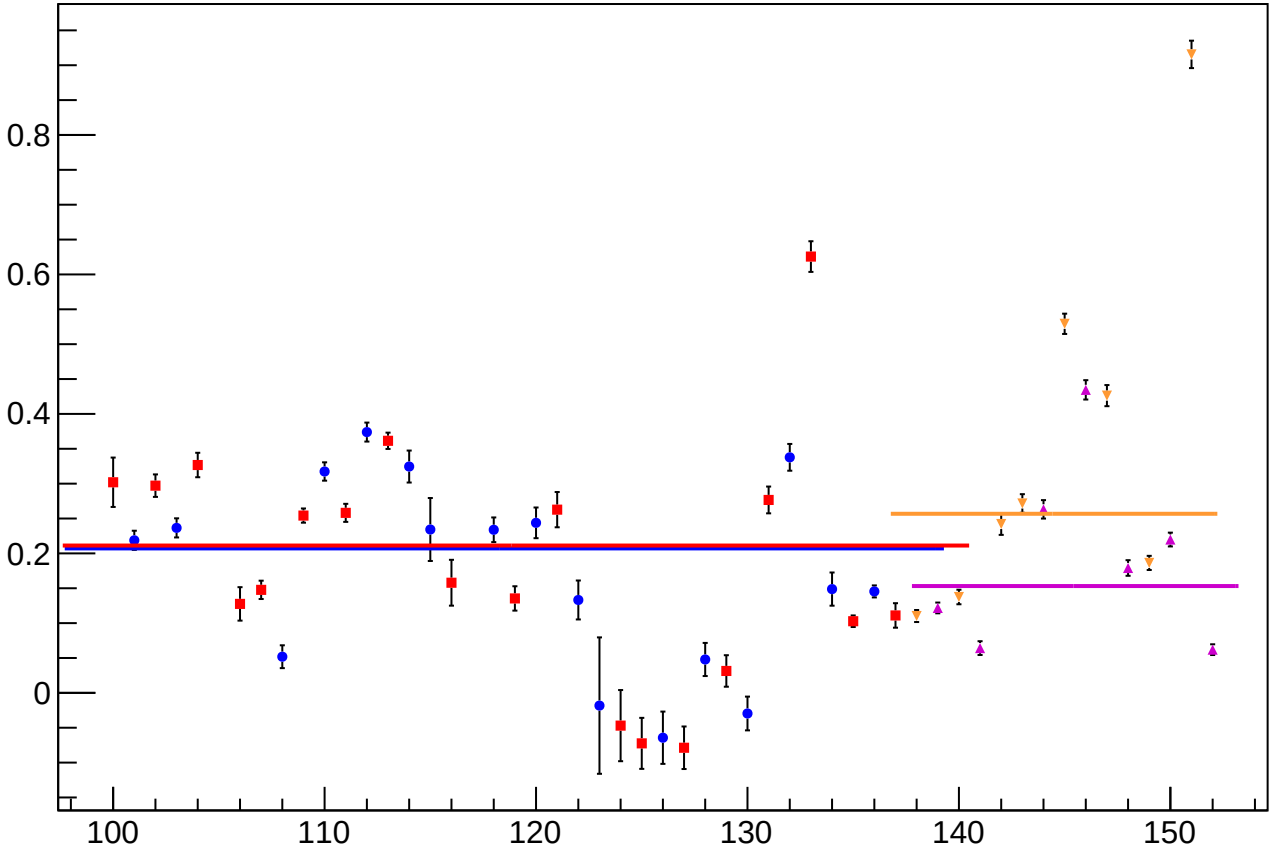
Left In: -0.982+/-0.081 χ^2/NDF:1031.1/6

+ sign -1.098+/-0.056 χ^2/NDF: 2064.7/24

All: -1.241+/-0.038 χ^2/NDF: 4612.7/50

- sign -1.364+/-0.052 χ^2/NDF: 2535.7/25

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.257+/-0.004 χ^2/NDF:2067.9/7

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

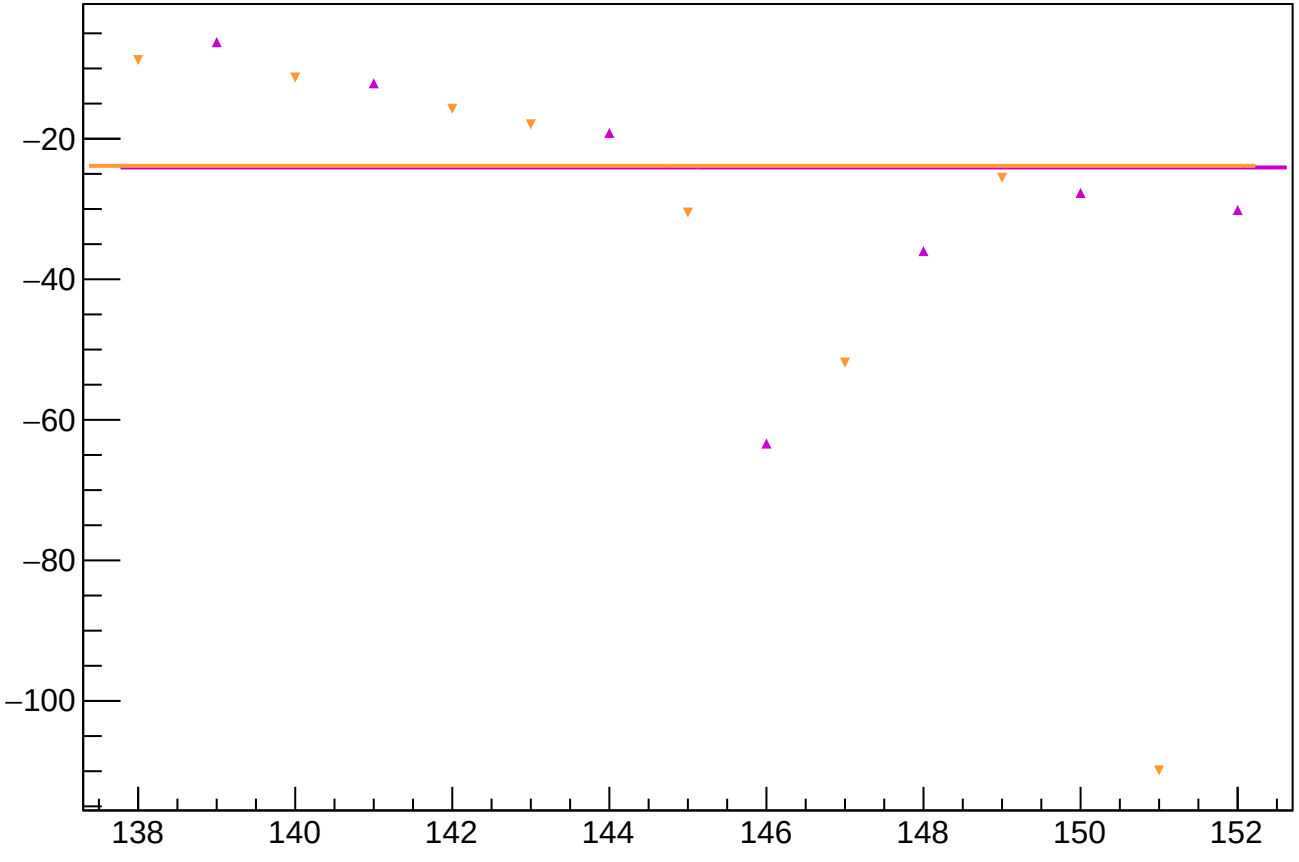
Left In: 0.153+/-0.004 χ^2/NDF:769.2/6

+ sign 0.231+/-0.003 χ^2/NDF: 2792.3/24

All: 0.203+/-0.002 χ^2/NDF: 4981.8/50

- sign 0.182+/-0.003 χ^2/NDF: 2036.2/25

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.859+/-0.103 χ^2/NDF:48084.9/7

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

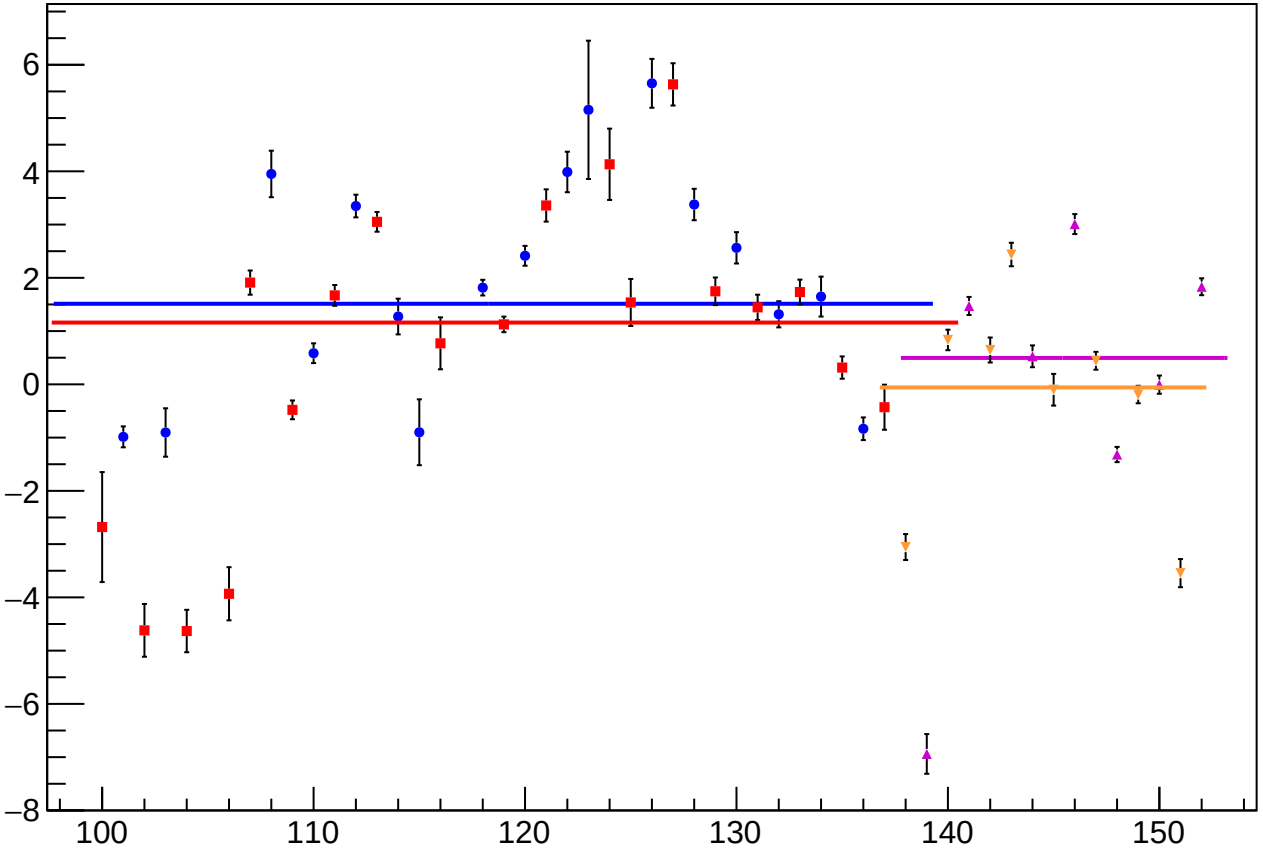
Left In: -24.089+/-0.096 χ^2/NDF:28013.3/6

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.983+/-0.070 χ^2/NDF: 76100.9/14

- 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: -0.058+/-0.074 χ^2/NDF:493.7/7

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

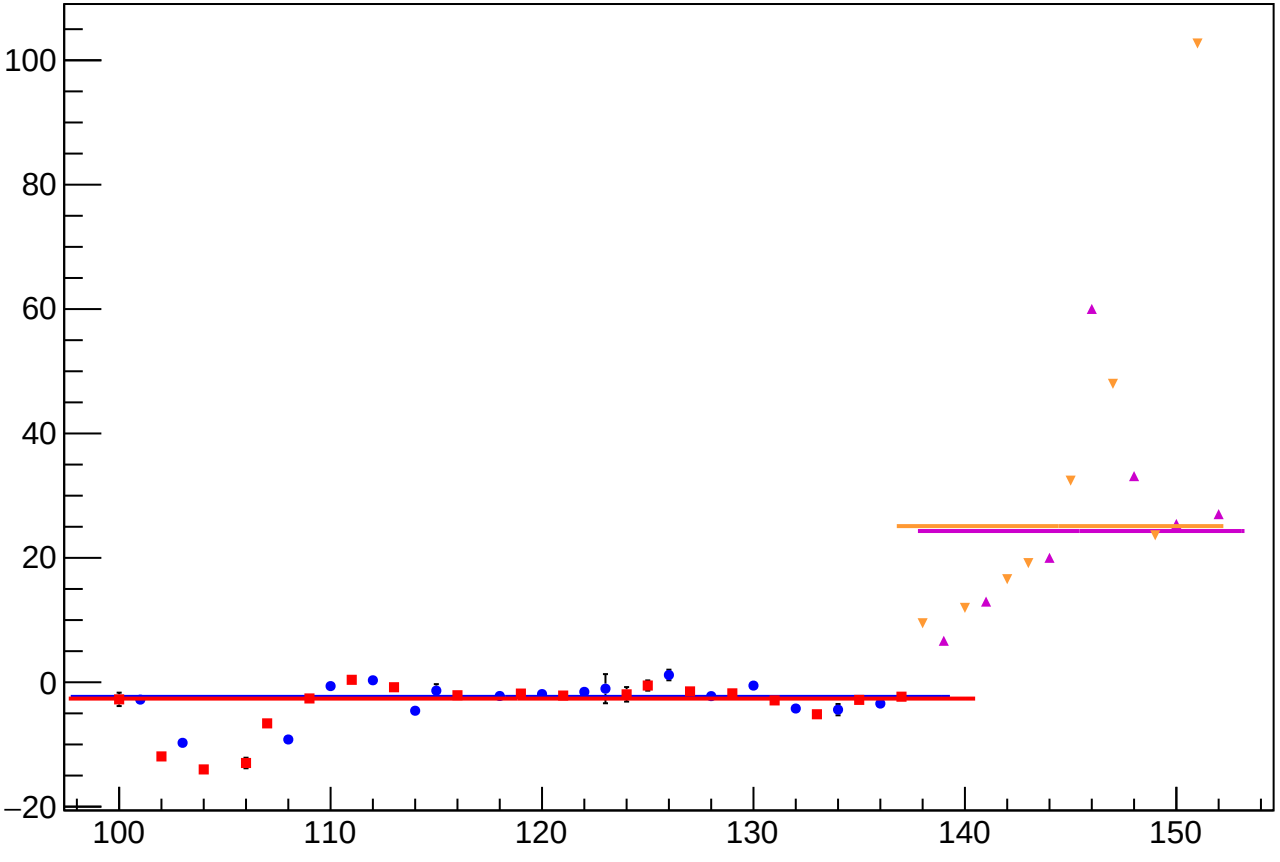
Left In: 0.496+/-0.068 χ^2/NDF:850.9/6

+ sign 0.860+/-0.048 χ^2/NDF: 1424.3/24

All: 0.865+/-0.033 χ^2/NDF: 3246.0/50

- sign 0.869+/-0.045 χ^2/NDF: 1821.6/25

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 25.106+/-0.106 χ^2/NDF:42667.5/7

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

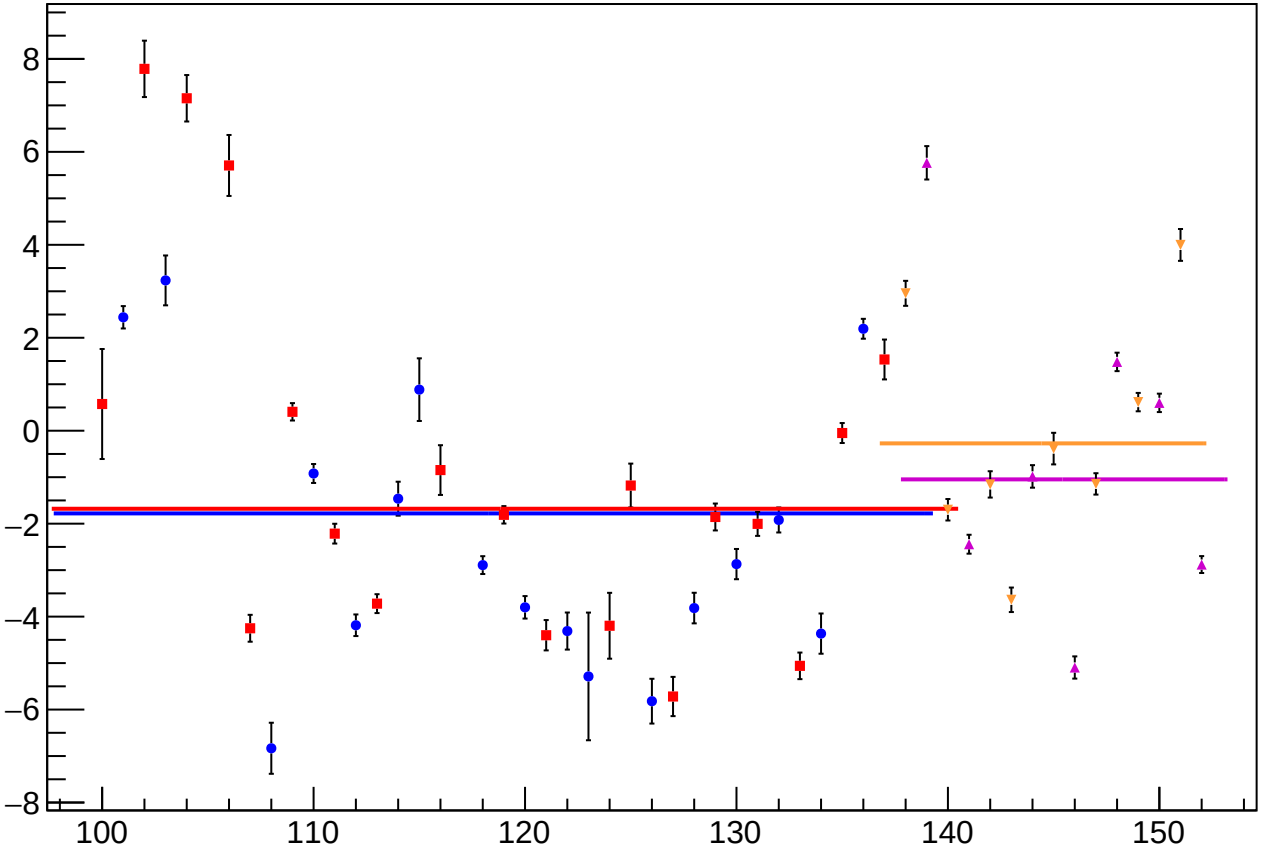
Left In: 24.316+/-0.095 χ^2/NDF:23383.2/6

+ sign 12.421+/-0.078 χ^2/NDF: 74148.7/24

All: 12.130+/-0.052 χ^2/NDF: 135096.3/50

- sign 11.893+/-0.070 χ^2/NDF: 60922.3/25

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -0.273+/-0.091 χ^2/NDF:545.0/7

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

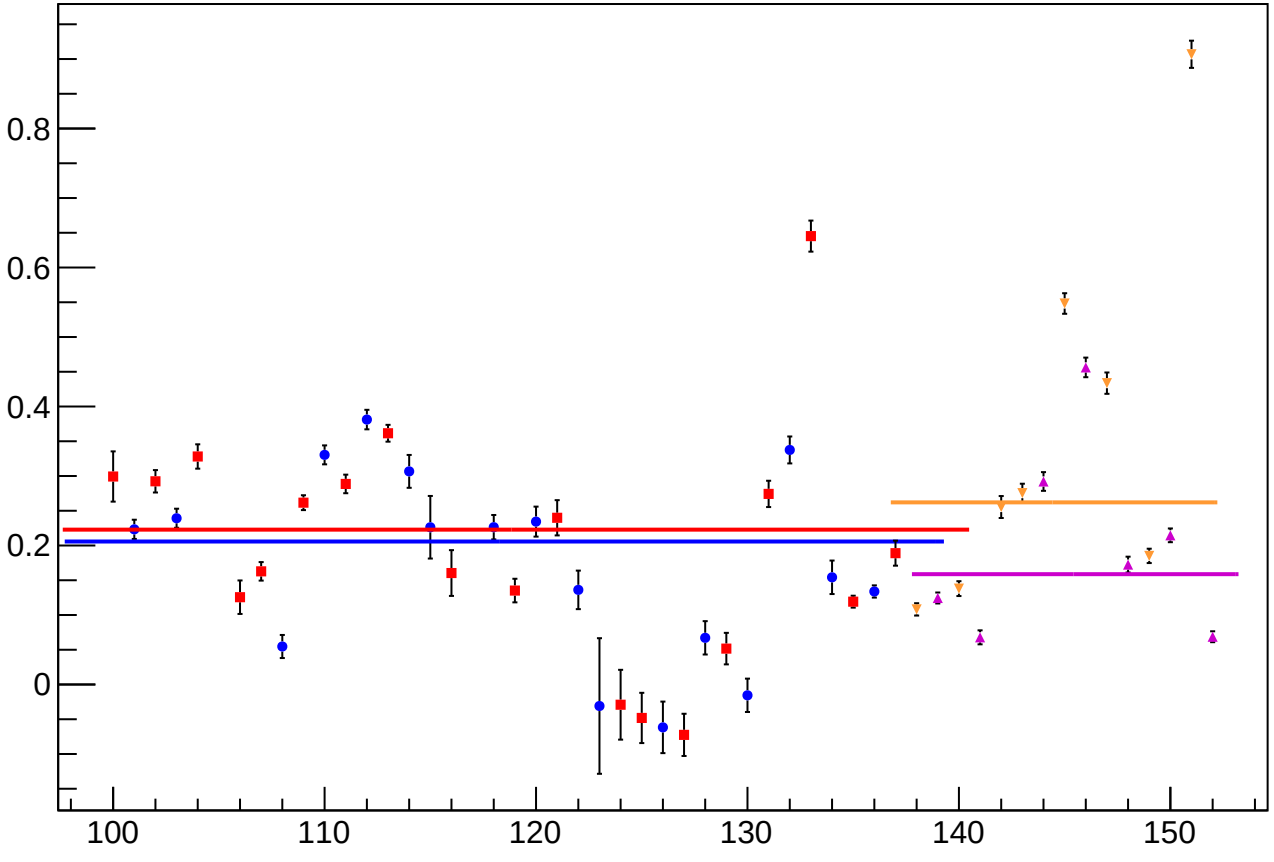
Left In: -1.047+/-0.082 χ^2/NDF:1025.7/6

+ sign -1.196+/-0.057 χ^2/NDF: 1985.4/24

All: -1.318+/-0.038 χ^2/NDF: 4484.3/50

- sign -1.423+/-0.052 χ^2/NDF: 2490.3/25

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.262+/-0.004 χ^2/NDF:2076.4/7

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.159+/-0.004 χ^2/NDF:808.8/6

+ sign 0.233+/-0.003 χ^2/NDF: 2813.0/24

All: 0.209+/-0.002 χ^2/NDF: 4917.0/50

- sign 0.190+/-0.003 χ^2/NDF: 1993.3/25