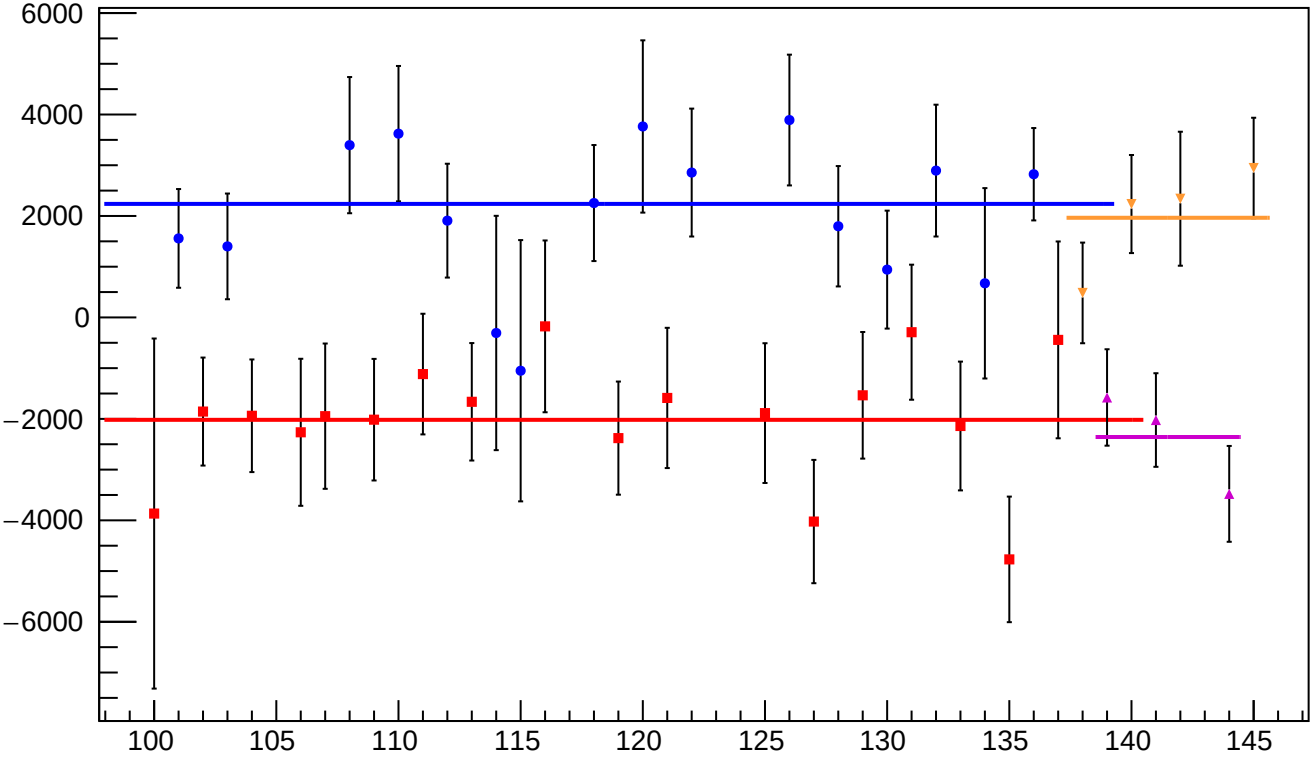
dit_asym_us_avg_mean vs Slug



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

Left Out: 1964.457+/-521.378 χ^2/NDF:3.4/3

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

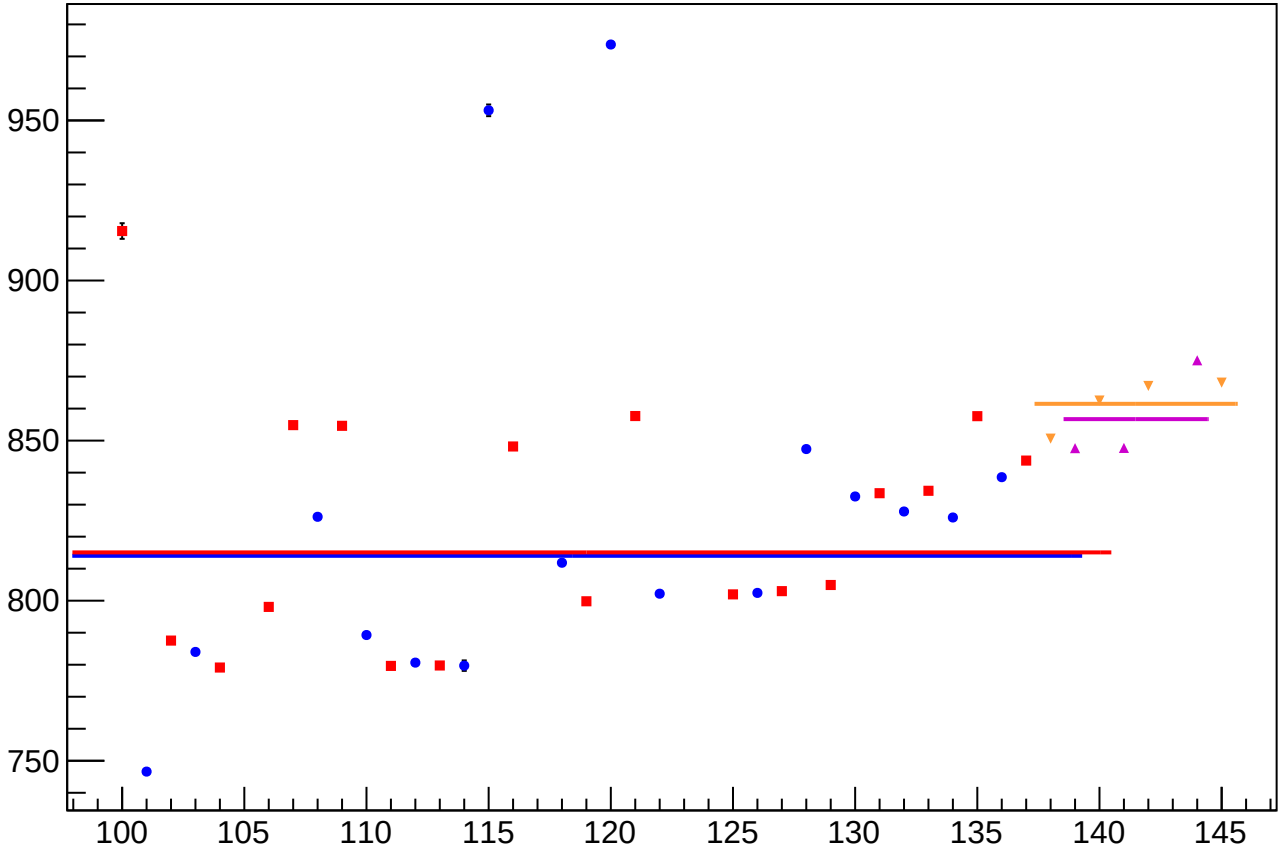
Left In: -2357.160+/-542.094 χ^2/NDF:2.2/2

+ sign 2164.922+/-269.389 χ^2/NDF: 14.9/19

All: 20.999+/-190.005 χ^2/NDF: 156.0/40

- sign -2101.387+/-268.032 χ^2/NDF: 15.1/20

dit_asym_us_avg_rms vs Slug



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

Left Out: 861.490+/-0.369 χ^2/NDF:367.6/3

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

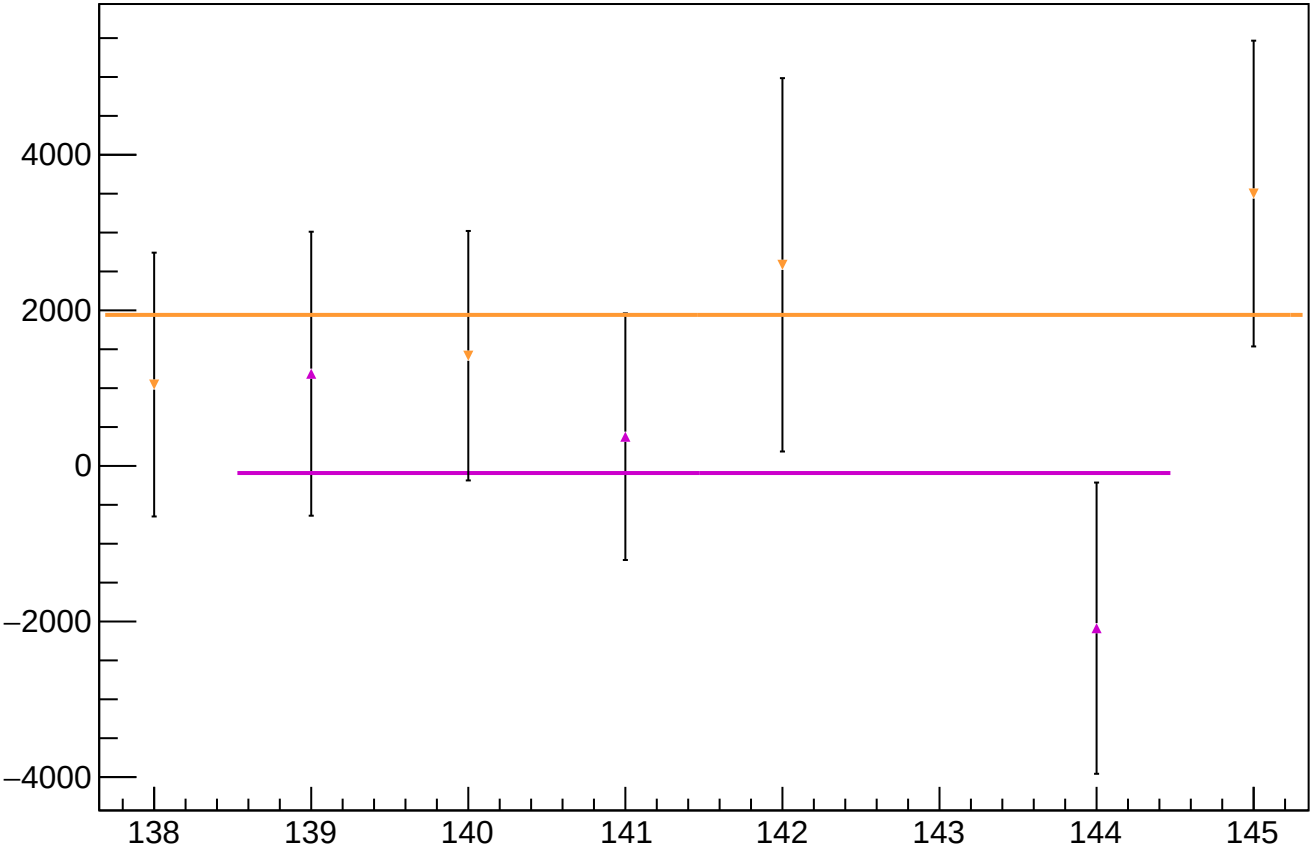
Left In: 856.710+/-0.383 χ^2/NDF:1128.9/2

+ sign 826.694+/-0.190 χ^2/NDF: 54561.9/19

All: 825.973+/-0.134 χ^2/NDF: 84588.2/40

- sign 825.260+/-0.190 χ^2/NDF: 29997.8/20

asym_us_avg_correction_mean vs Slug



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

Left Out: 1941.743+/-924.808 χ^2/NDF:1.1/3

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

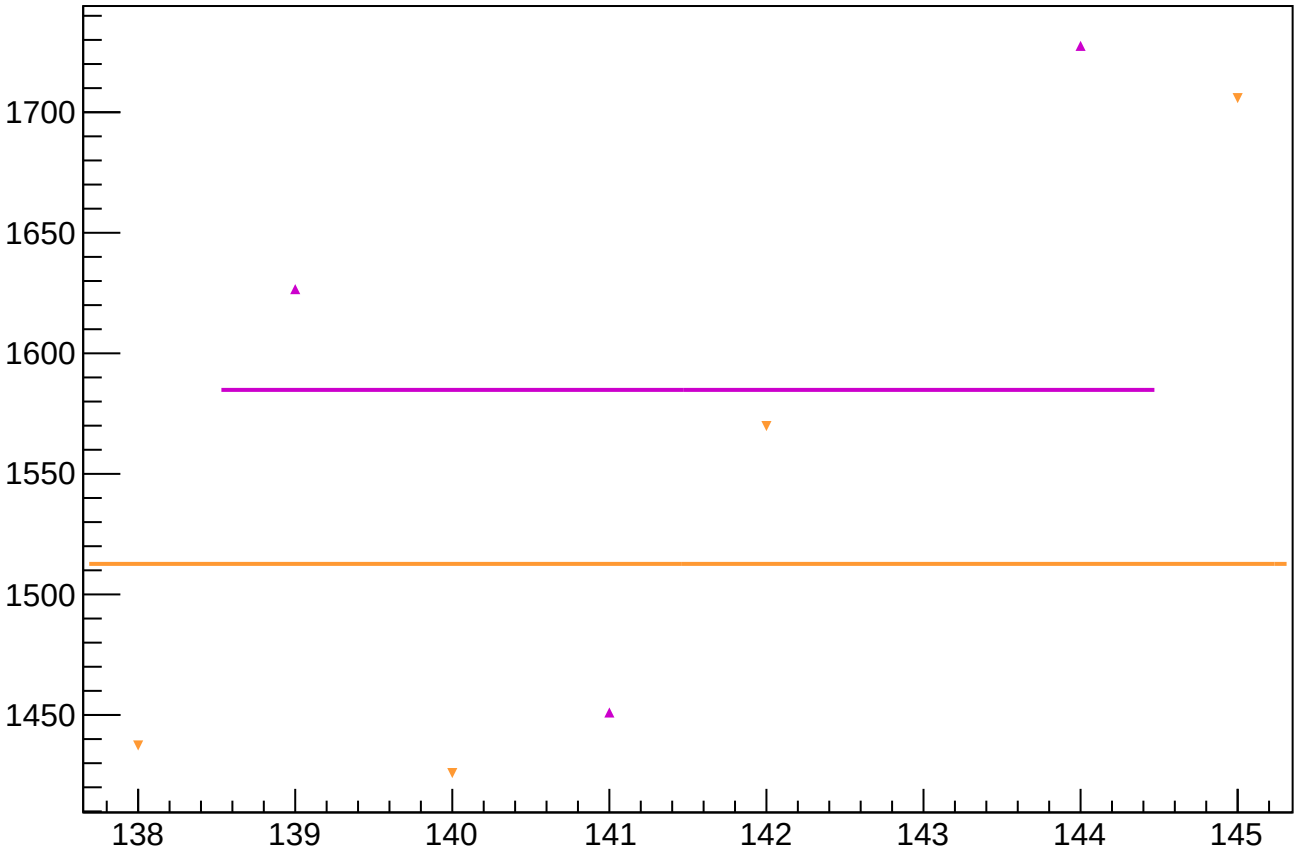
Left In: -91.184+/-1008.330 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1012.949+/-681.556 χ^2/NDF: 5.0/6

- 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: 1512.666+/-0.654 χ^2/NDF:30258.8/3

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

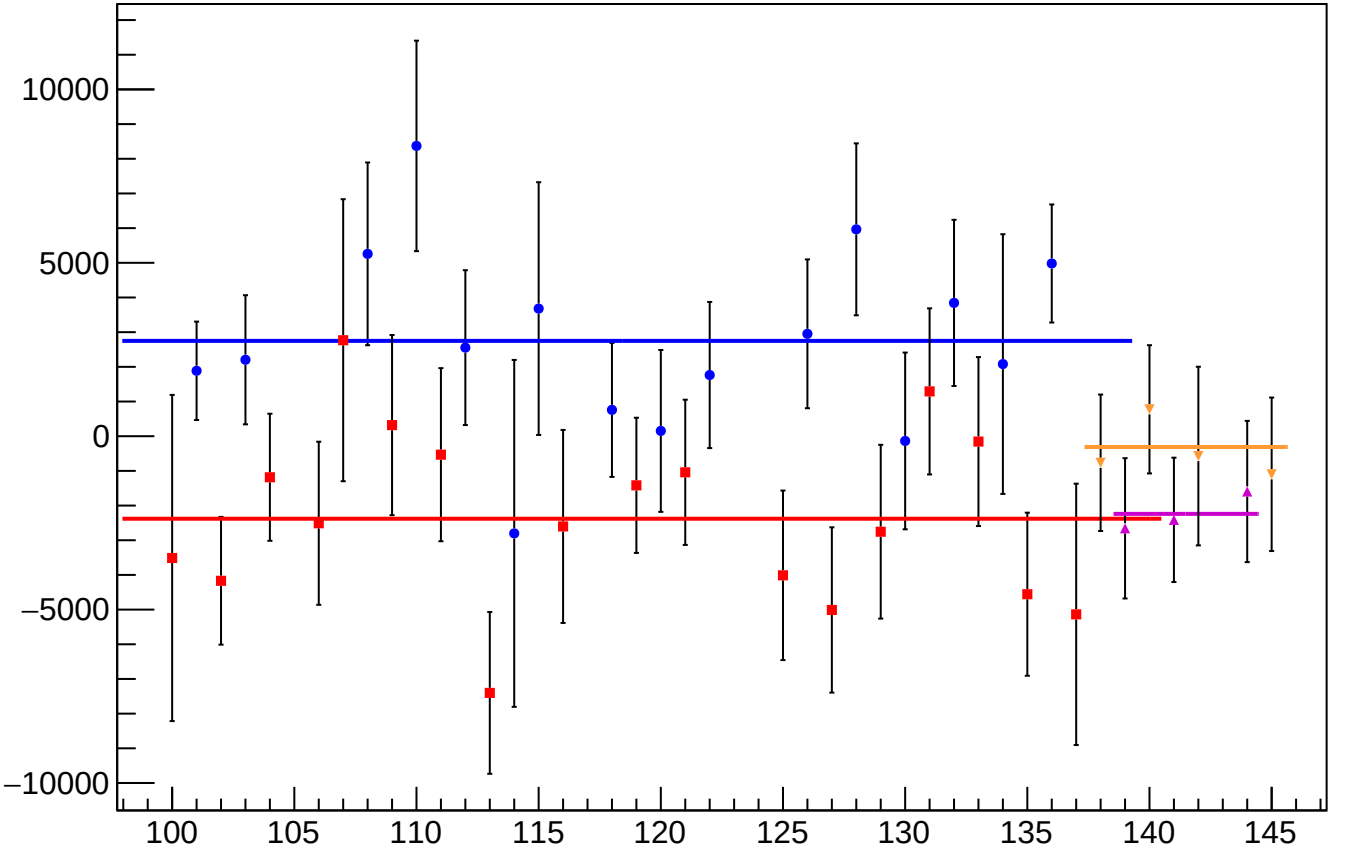
Left In: 1584.837+/-0.713 χ^2/NDF:26922.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1545.639+/-0.482 χ^2/NDF: 62745.7/6

- 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: -310.969+/-1050.638 χ^2/NDF:0.5/3

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

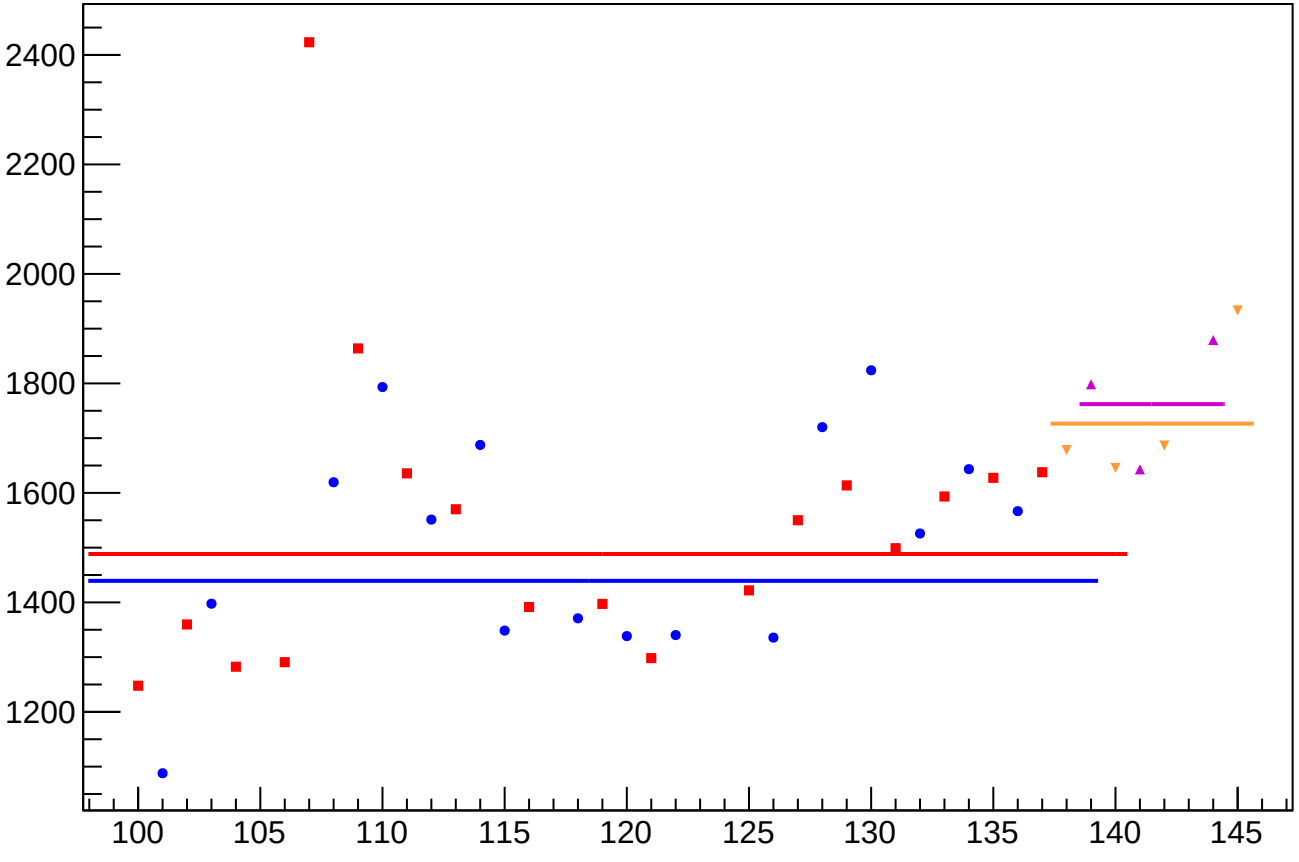
Left In: -2239.398+/-1120.481 χ^2/NDF:0.2/2

+ sign 2066.284+/-496.203 χ^2/NDF: 20.7/19

All: -93.351+/-354.730 χ^2/NDF: 75.8/40

- sign -2350.741+/-507.309 χ^2/NDF: 16.4/20

asym_us_avg_rms vs Slug



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

Left Out: 1726.529+/-0.743 χ^2/NDF:22966.6/3

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

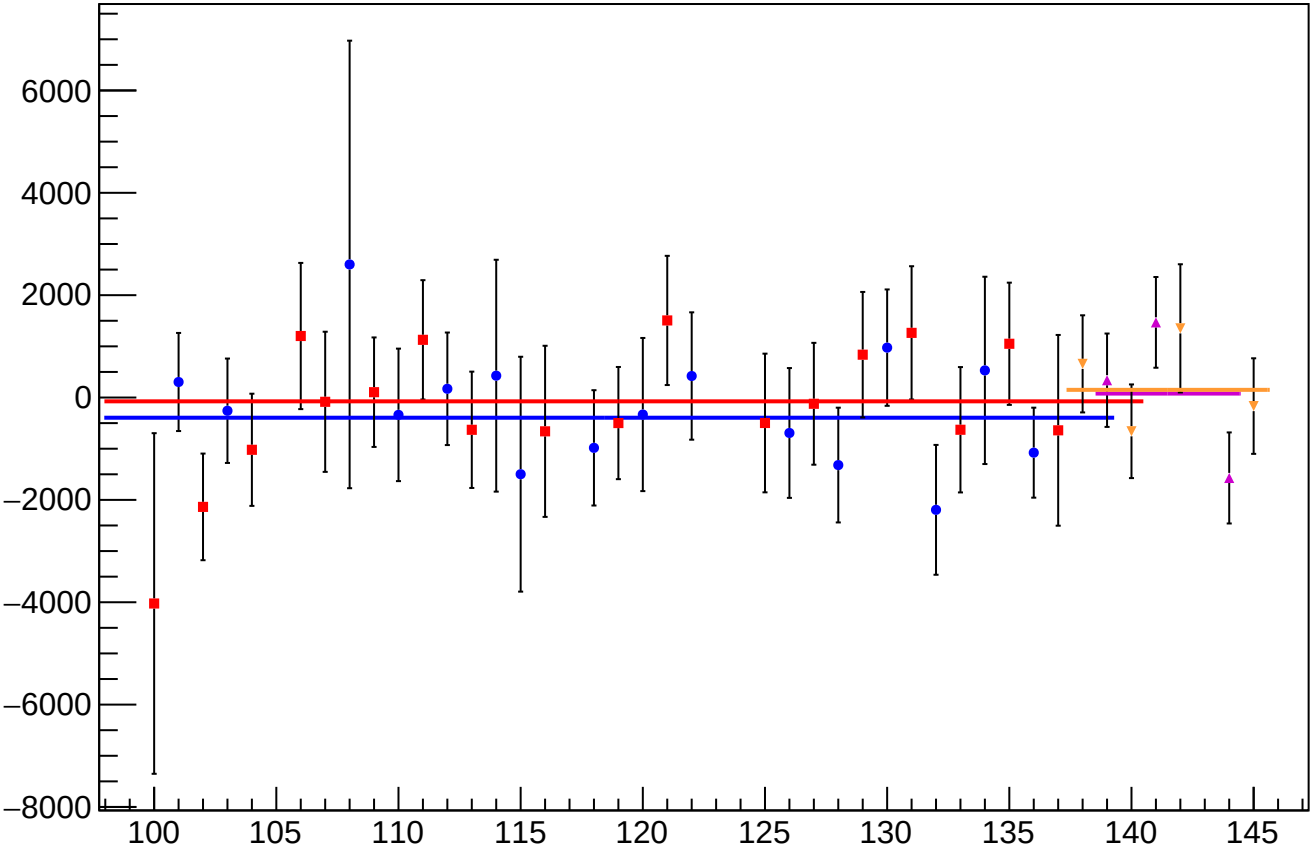
Left In: 1762.141+/-0.792 χ^2/NDF:16092.7/2

+ sign 1503.393+/-0.351 χ^2/NDF: 416938.4/19

All: 1523.492+/-0.251 χ^2/NDF: 790980.2/40

- sign 1544.502+/-0.359 χ^2/NDF: 367330.1/20

dit_asym_us_dd_mean vs Slug



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

Left Out: 150.226+/-494.480 χ^2/NDF:2.1/3

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

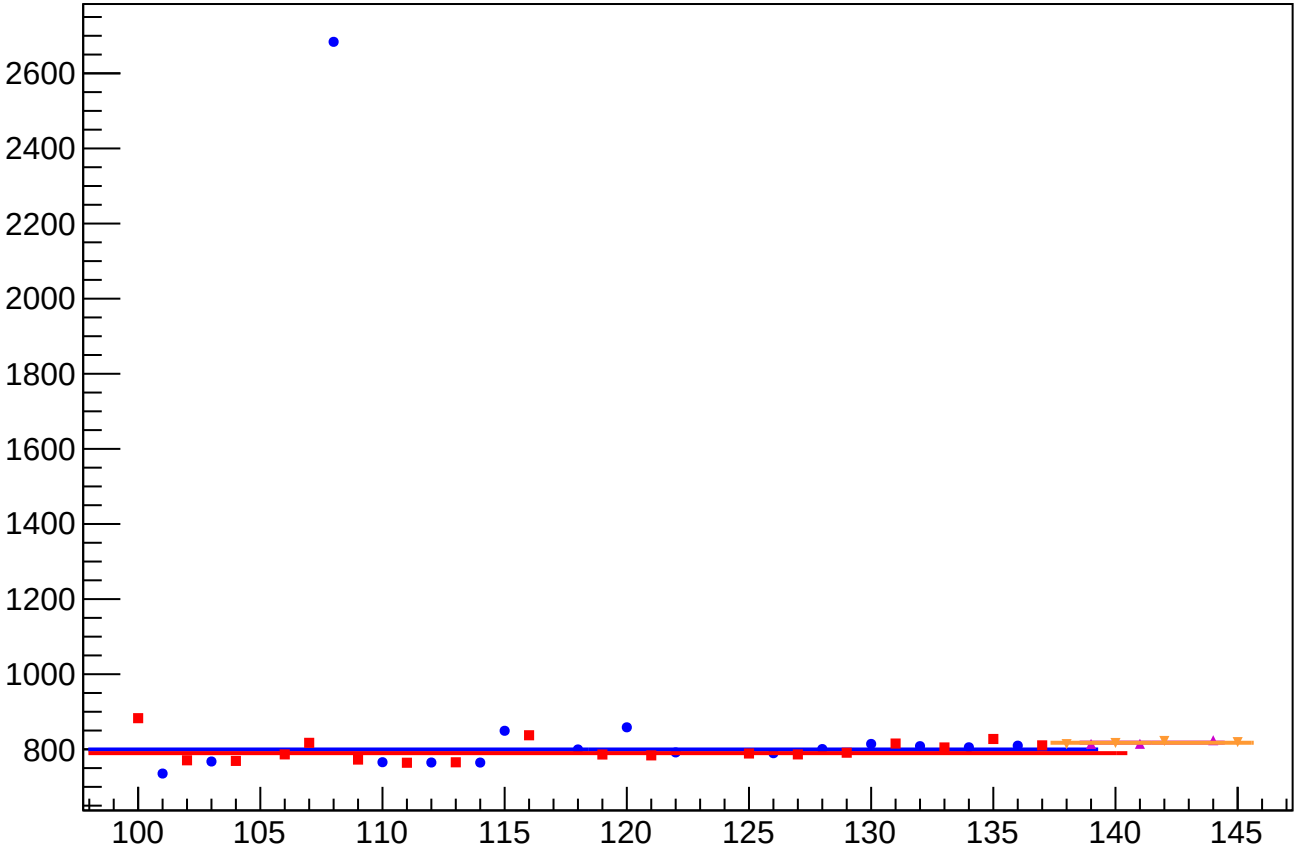
Left In: 77.379+/-517.238 χ^2/NDF:6.0/2

+ sign -238.455+/-264.575 χ^2/NDF: 10.4/19

All: -135.078+/-184.886 χ^2/NDF: 29.7/40

- sign -36.415+/-258.470 χ^2/NDF: 19.0/20

dit_asym_us_dd_rms vs Slug



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

Left Out: 817.475+/-0.350 χ^2/NDF:65.7/3

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

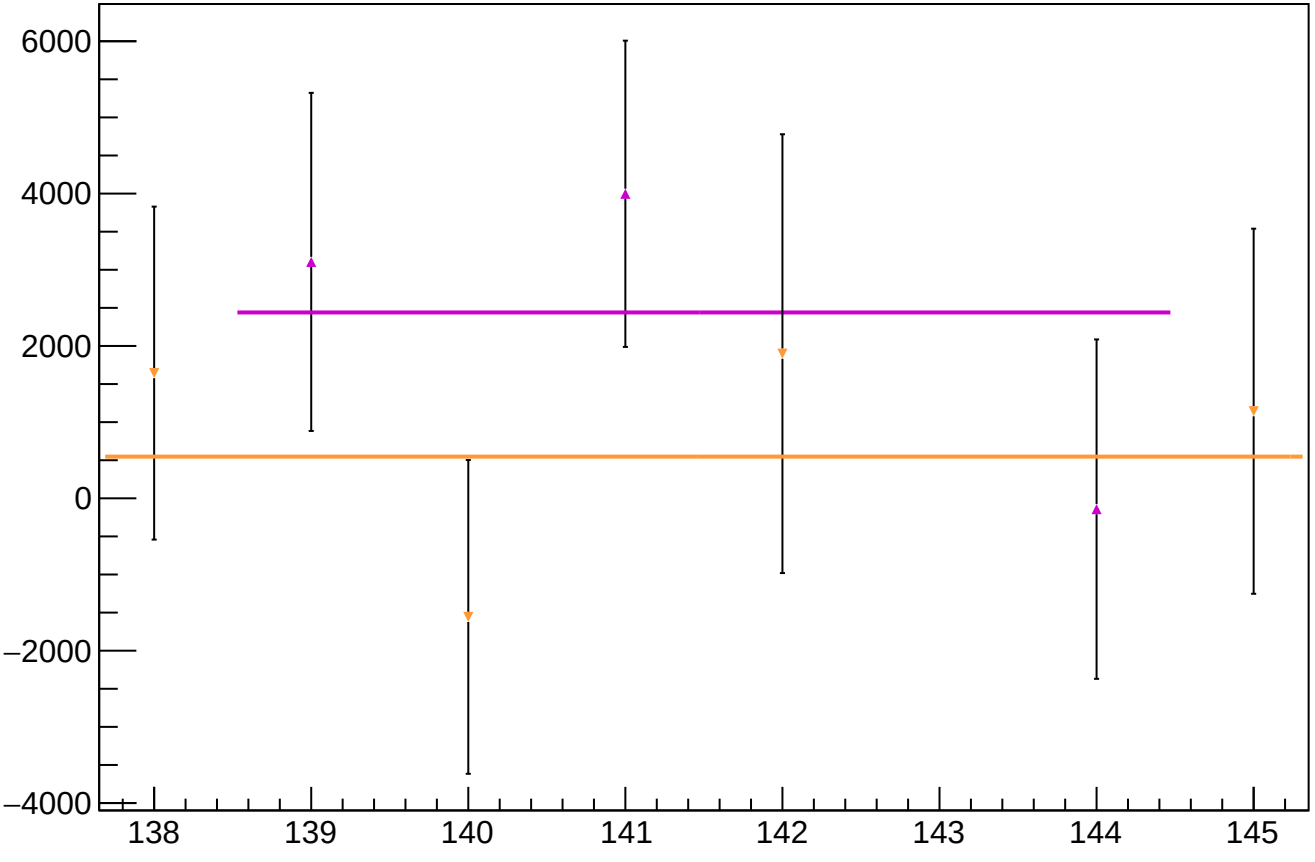
Left In: 817.833+/-0.366 χ^2/NDF:155.5/2

+ sign 804.673+/-0.187 χ^2/NDF: 393130.2/19

All: 800.642+/-0.131 χ^2/NDF: 409777.2/40

- sign 796.796+/-0.183 χ^2/NDF: 15740.0/20

asym_us_dd_correction_mean vs Slug



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

Left Out: 547.577+/-1162.534 χ^2/NDF:1.6/3

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

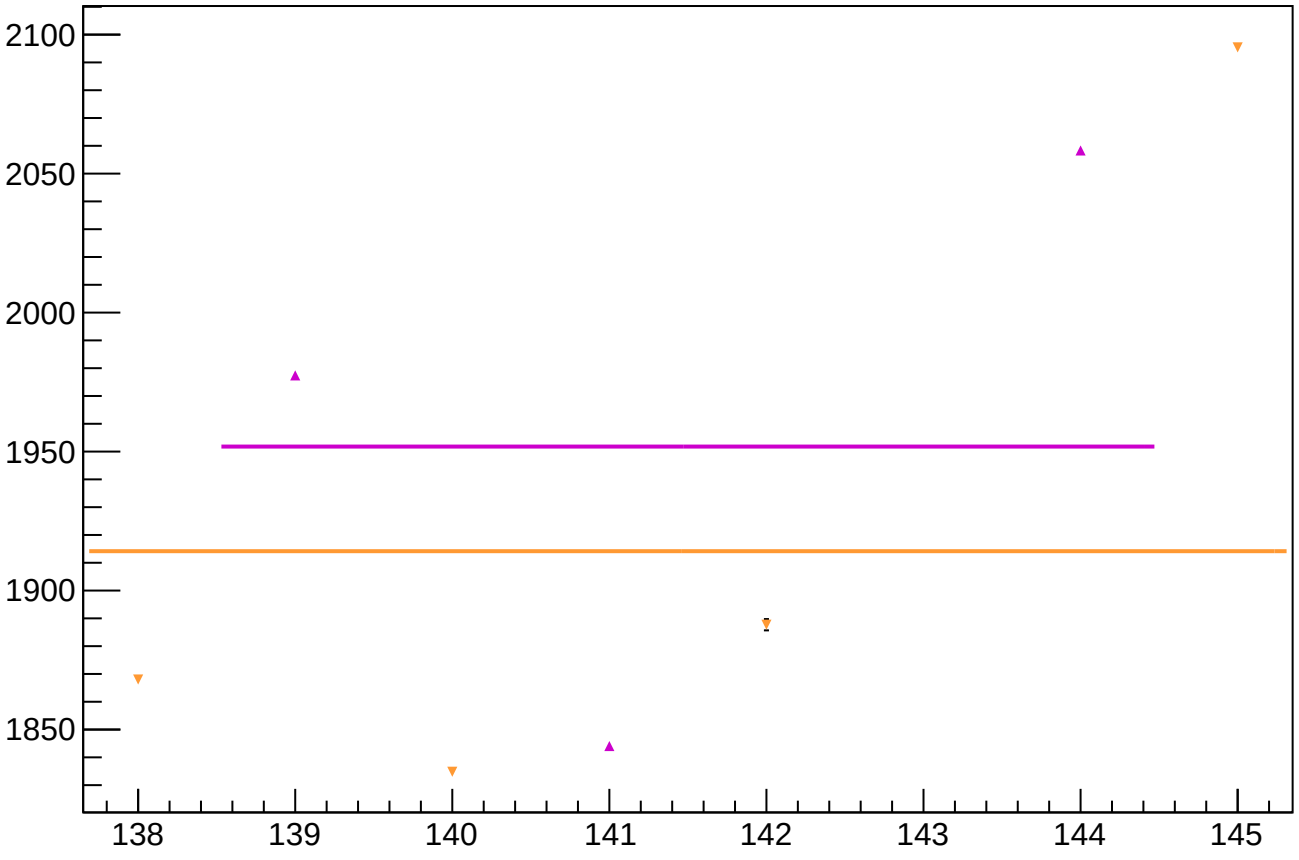
Left In: 2439.809+/-1238.310 χ^2/NDF:2.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1434.029+/-847.559 χ^2/NDF: 4.9/6

- 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: 1914.166+/-0.822 χ^2/NDF:15472.9/3

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

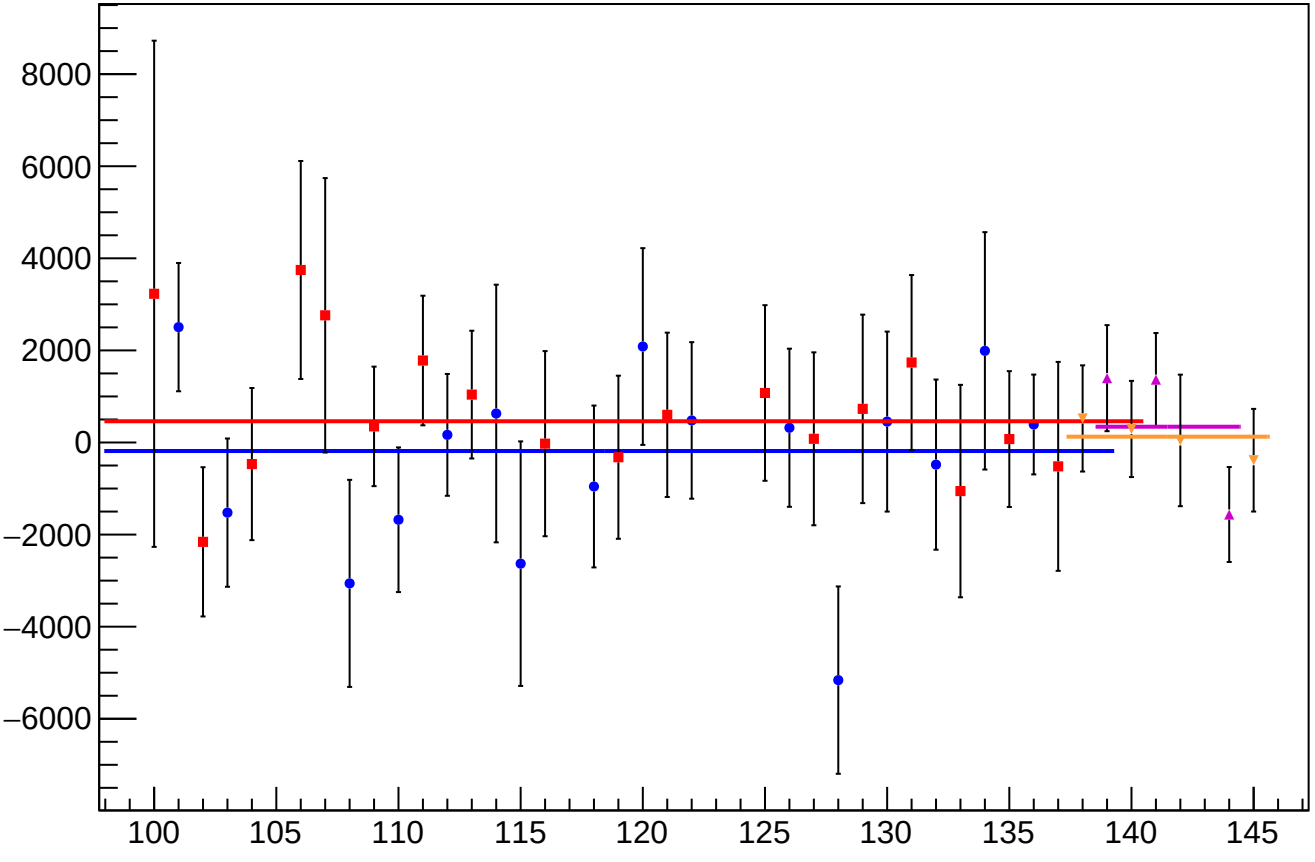
Left In: 1951.803+/-0.876 χ^2/NDF:10585.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1931.798+/-0.599 χ^2/NDF: 27040.1/6

- 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: 126.286+/-580.923 χ^2/NDF:0.4/3

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

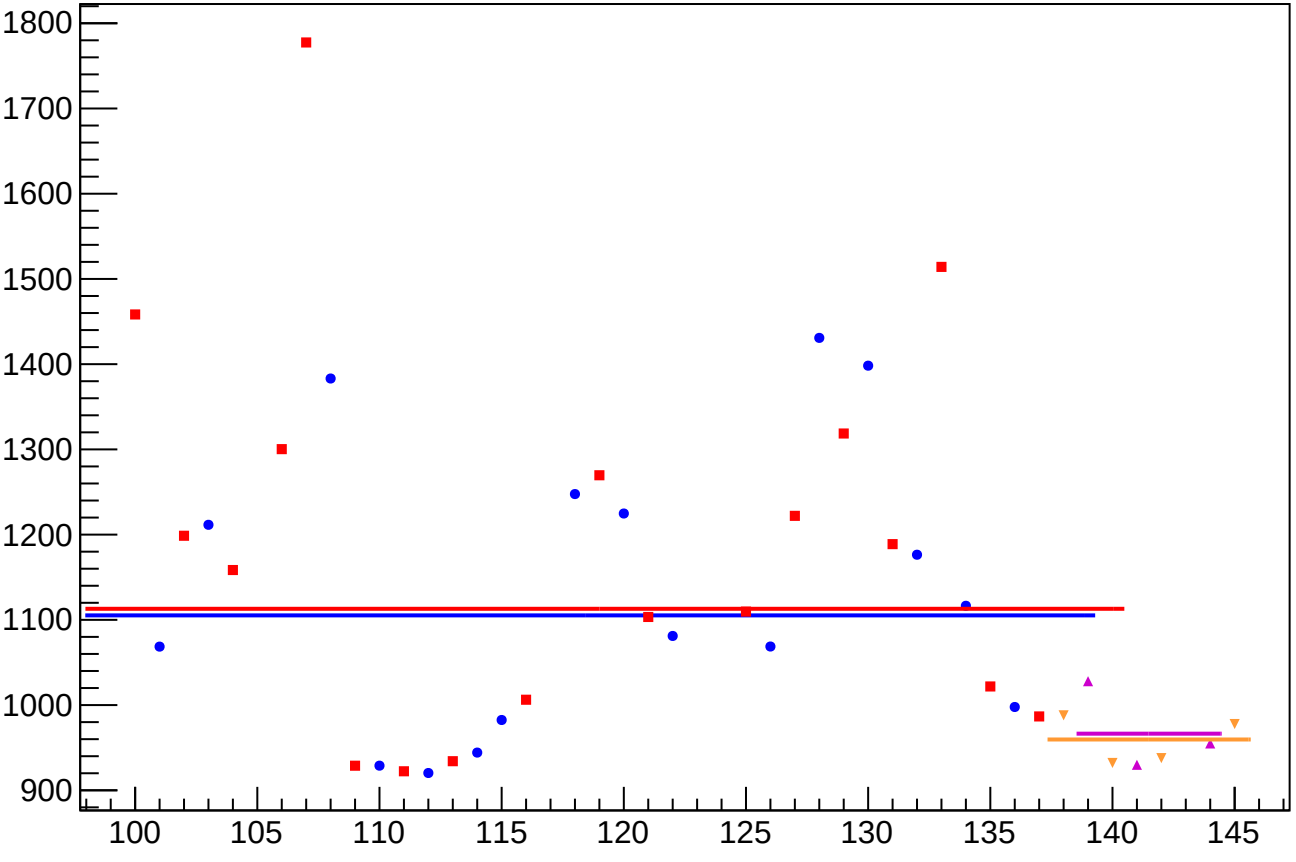
Left In: 342.649+/-611.854 χ^2/NDF:5.3/2

+ sign -74.357+/-346.393 χ^2/NDF: 17.2/19

All: 171.375+/-246.243 χ^2/NDF: 31.8/40

- sign 422.418+/-350.117 χ^2/NDF: 13.6/20

asym_us_dd_rms vs Slug



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

Left Out: 959.616+/-0.411 χ^2/NDF:3596.2/3

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

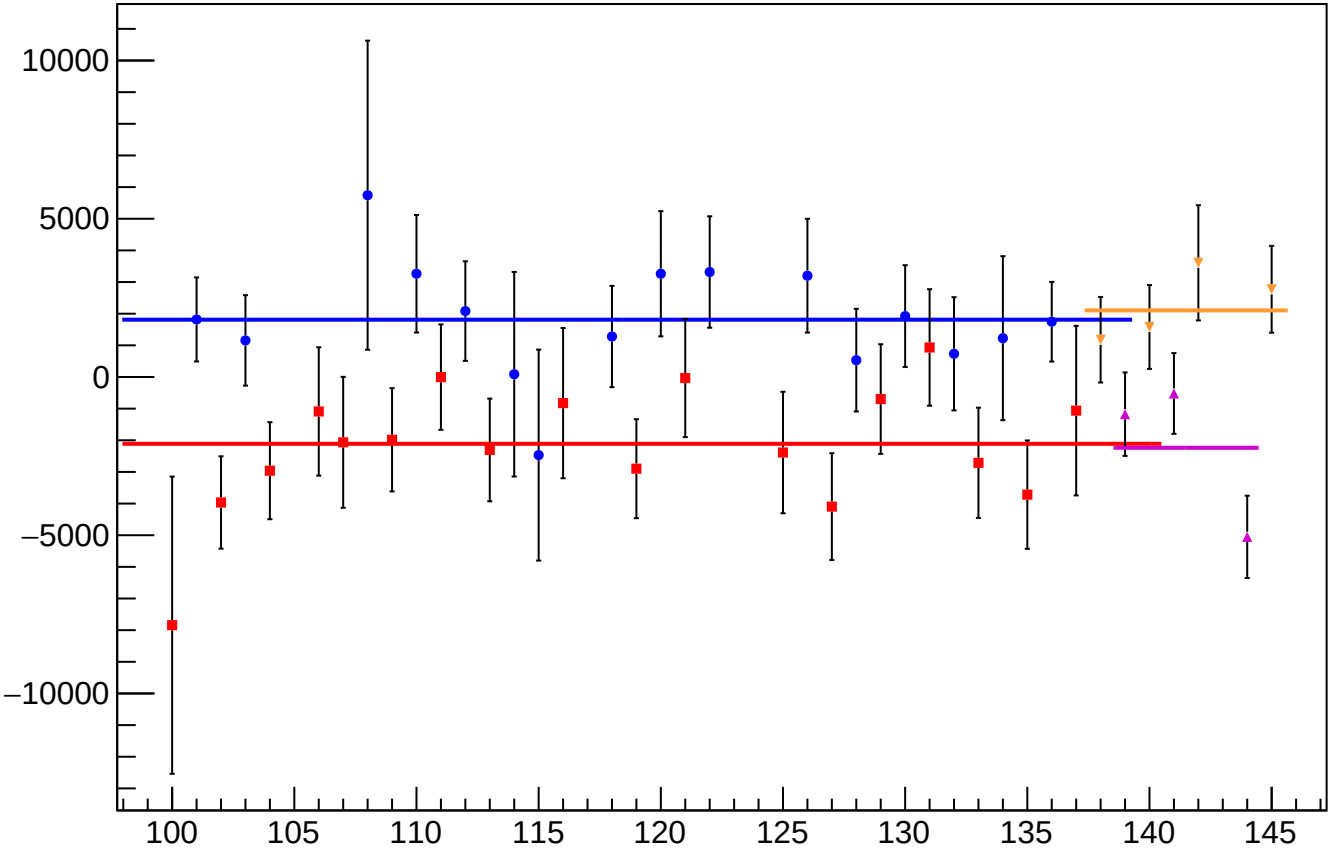
Left In: 966.451+/-0.433 χ^2/NDF:8565.5/2

+ sign 1053.460+/-0.245 χ^2/NDF: 339950.4/19

All: 1059.167+/-0.174 χ^2/NDF: 789748.6/40

- sign 1064.997+/-0.248 χ^2/NDF: 448700.9/20

dit_asym_usl_mean vs Slug



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

Left Out: 2104.895+/-715.972 χ^2/NDF:1.5/3

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

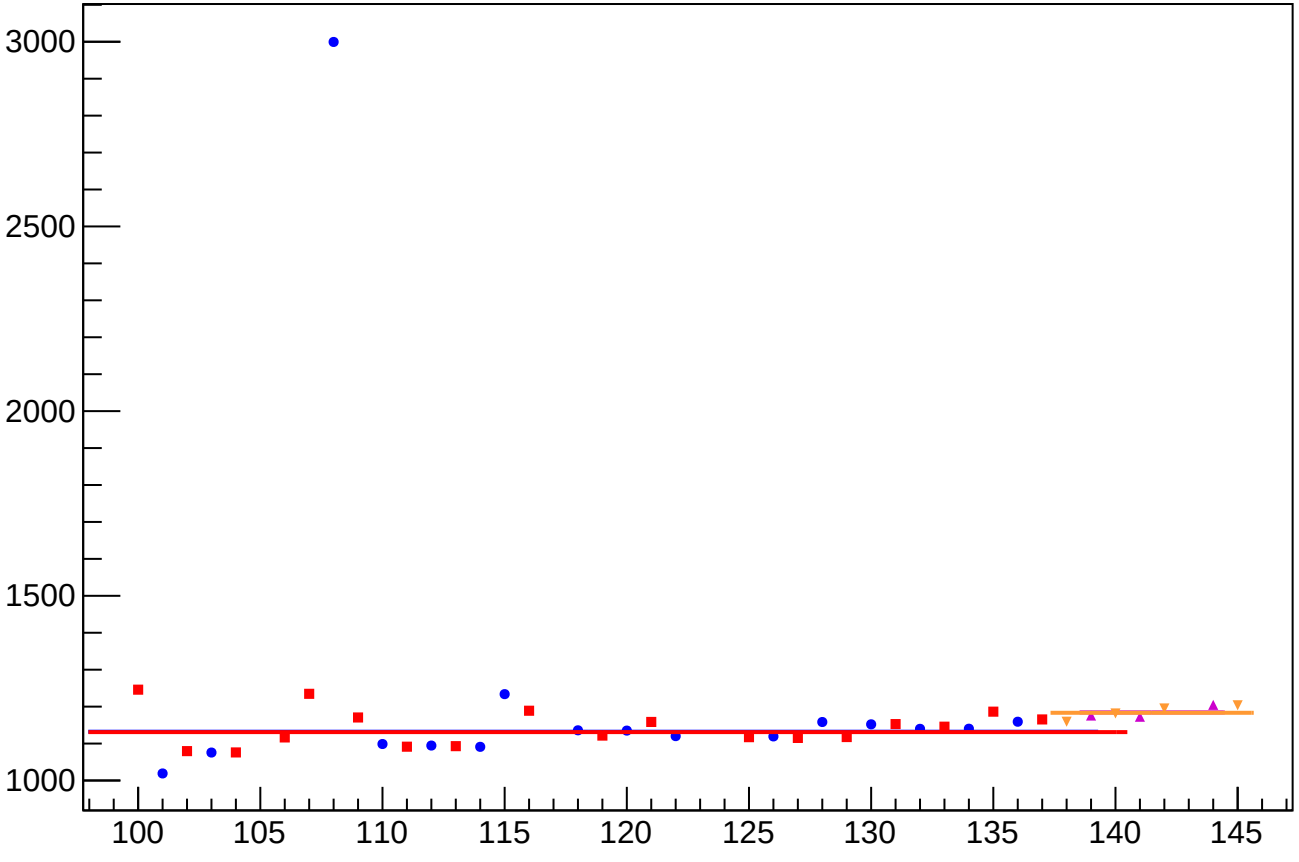
Left In: -2236.596+/-749.353 χ^2/NDF:7.1/2

+ sign 1892.176+/-376.191 χ^2/NDF: 8.1/19

All: -150.482+/-264.311 χ^2/NDF: 86.5/40

- sign -2141.861+/-371.439 χ^2/NDF: 20.2/20

dit_asym_usl_rms vs Slug



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

Left Out: 1183.324+/-0.506 χ^2/NDF:1162.4/3

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

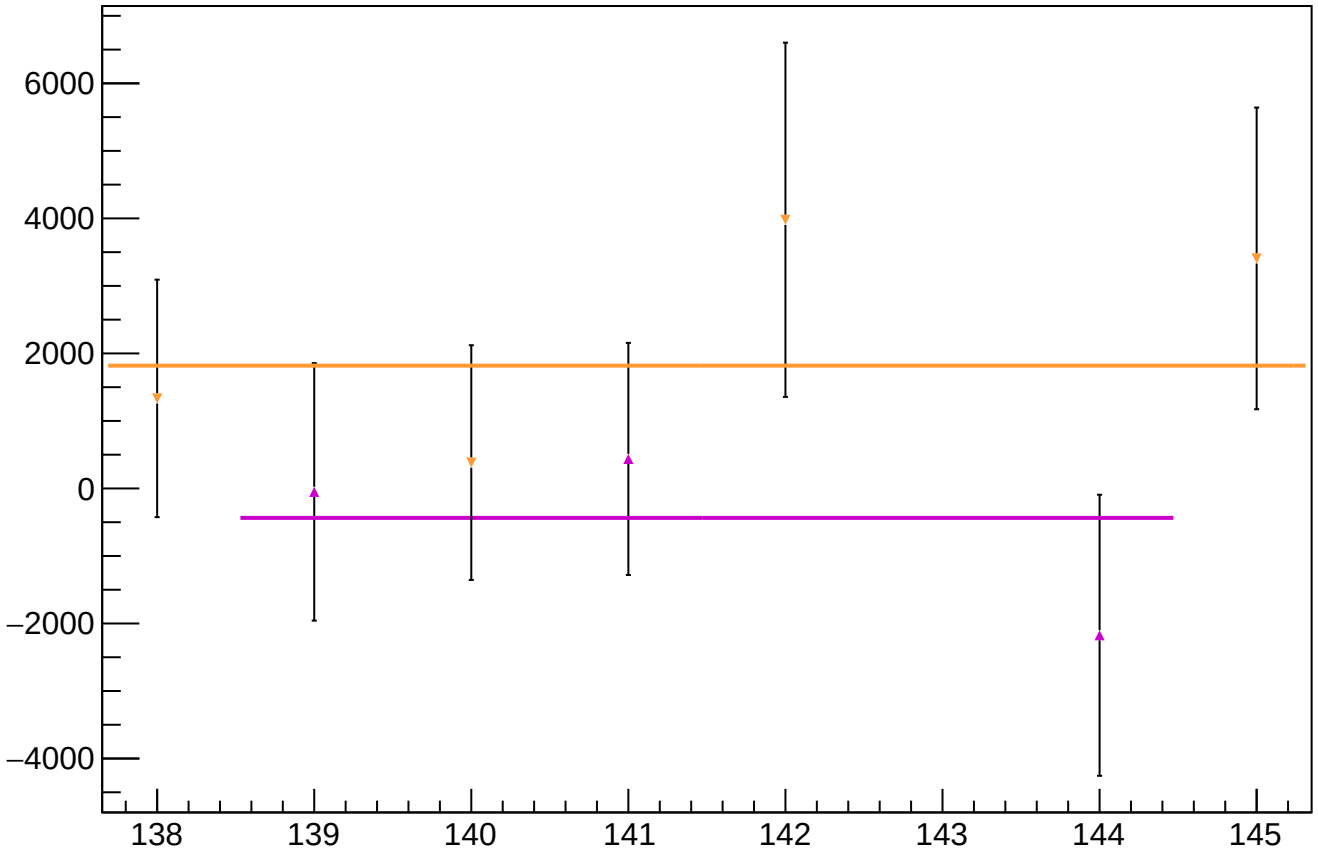
Left In: 1184.383+/-0.530 χ^2/NDF:747.2/2

+ sign 1146.223+/-0.266 χ^2/NDF: 324607.0/19

All: 1145.162+/-0.187 χ^2/NDF: 352756.0/40

- sign 1144.128+/-0.263 χ^2/NDF: 28117.6/20

asym_usl_correction_mean vs Slug



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

Left Out: 1819.019+/-1000.042 χ^2/NDF:1.9/3

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

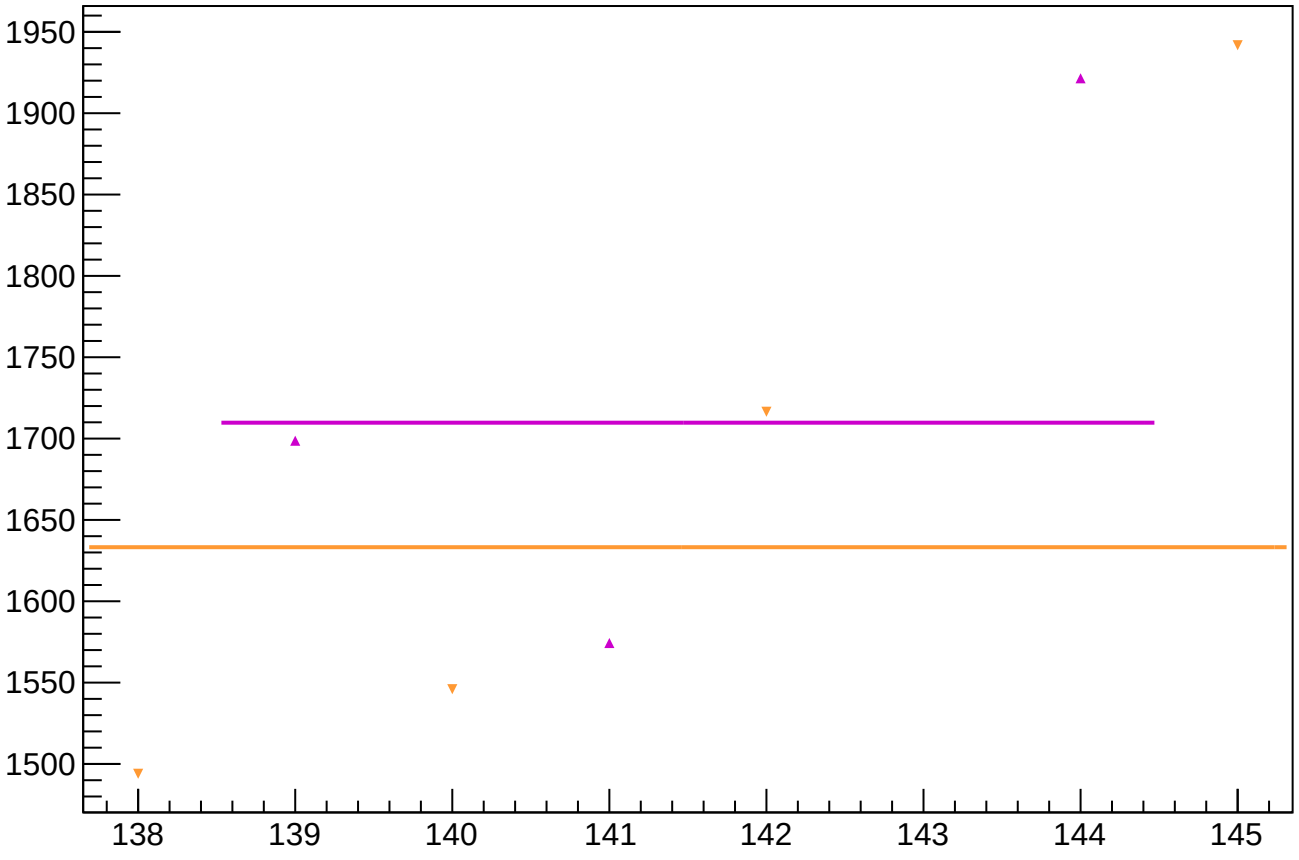
Left In: -435.780+/-1088.419 χ^2/NDF:1.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 786.865+/-736.401 χ^2/NDF: 5.3/6

- 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: 1633.230+/-0.707 χ^2/NDF:57746.5/3

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

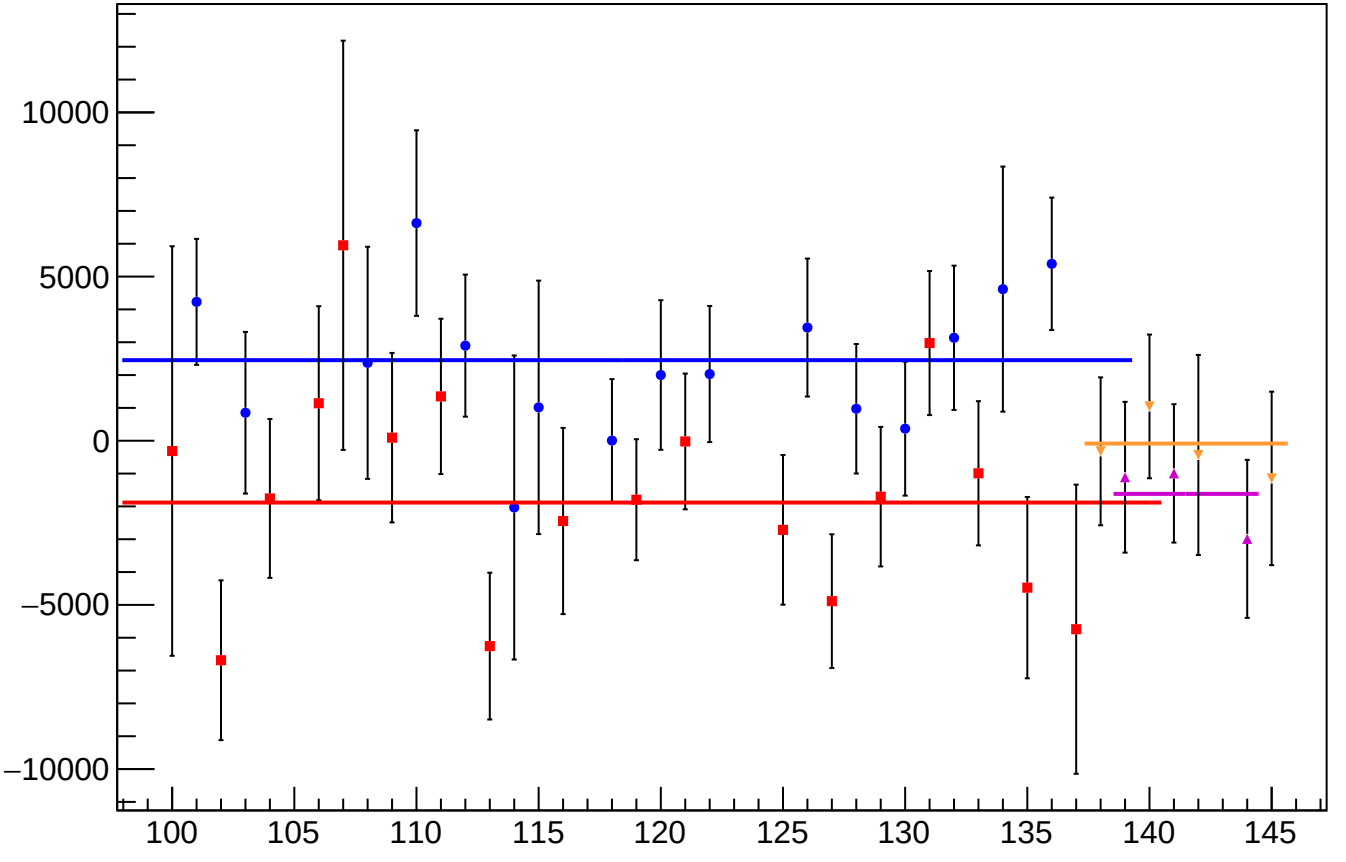
Left In: 1709.766+/-0.770 χ^2/NDF:33168.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1668.265+/-0.521 χ^2/NDF: 96277.3/6

- 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: -85.580+/-1233.835 χ^2/NDF:0.5/3

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

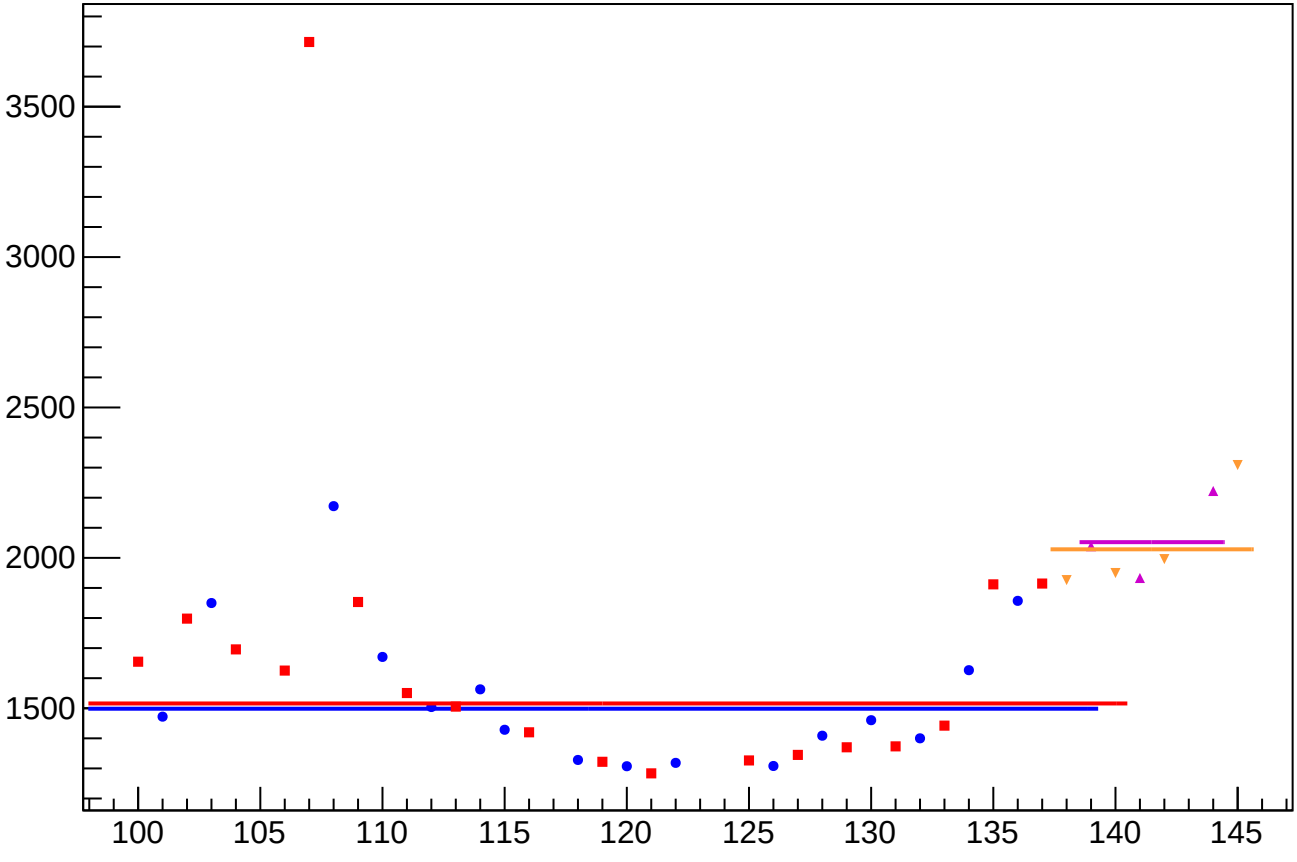
Left In: -1618.551+/-1304.667 χ^2/NDF:0.5/2

+ sign 1988.517+/-528.083 χ^2/NDF: 14.7/19

All: 90.522+/-374.934 χ^2/NDF: 64.0/40

- sign -1838.756+/-532.418 χ^2/NDF: 23.2/20

asym_usl_rms vs Slug



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

Left Out: 2028.432+/-0.872 χ^2/NDF:29447.2/3

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

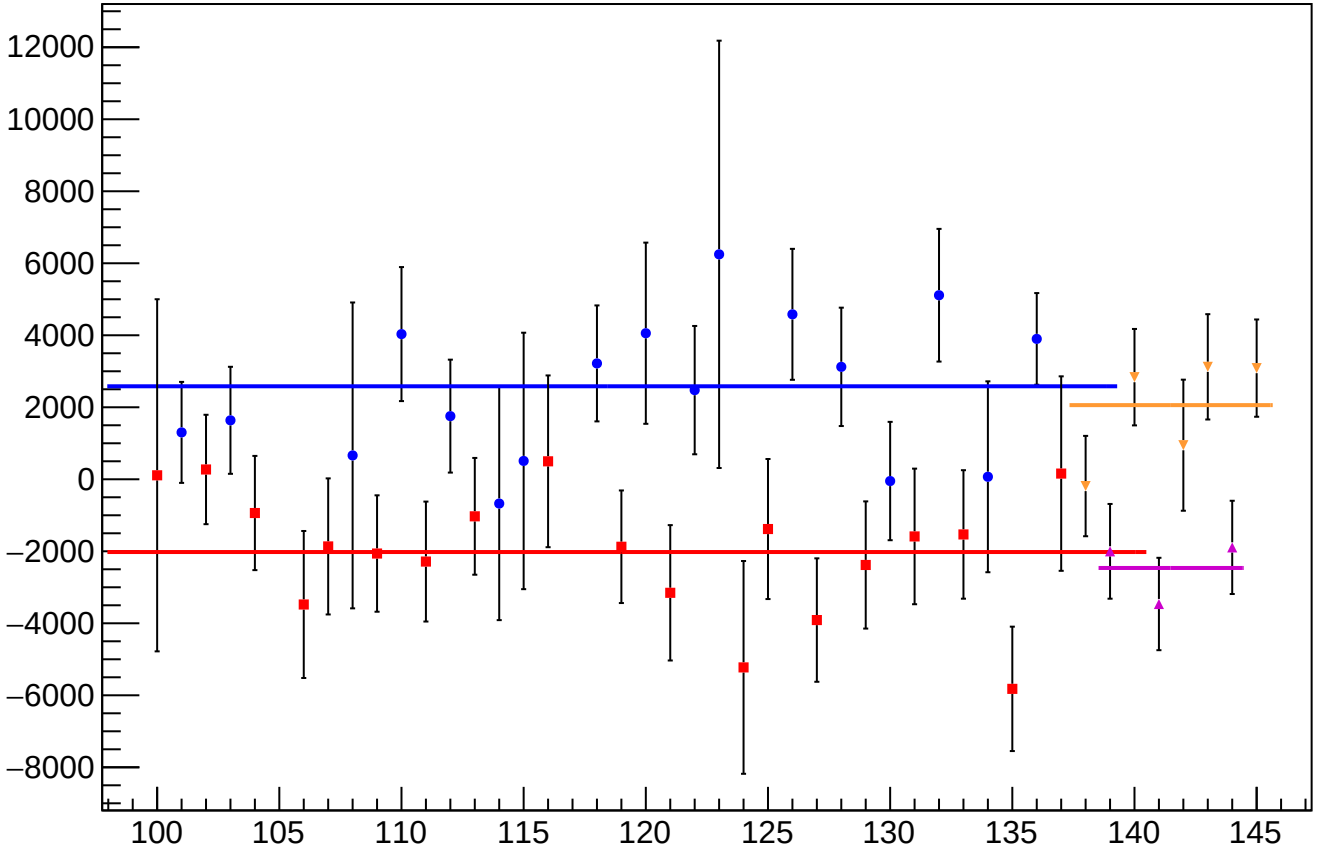
Left In: 2052.242+/-0.923 χ^2/NDF:16456.1/2

+ sign 1595.563+/-0.373 χ^2/NDF: 589627.6/19

All: 1600.372+/-0.265 χ^2/NDF: 1368618.2/40

- sign 1605.260+/-0.376 χ^2/NDF: 778656.1/20

dit_asym_usr_mean vs Slug



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

Left Out: 2059.667+/-646.963 χ^2/NDF:4.4/4

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

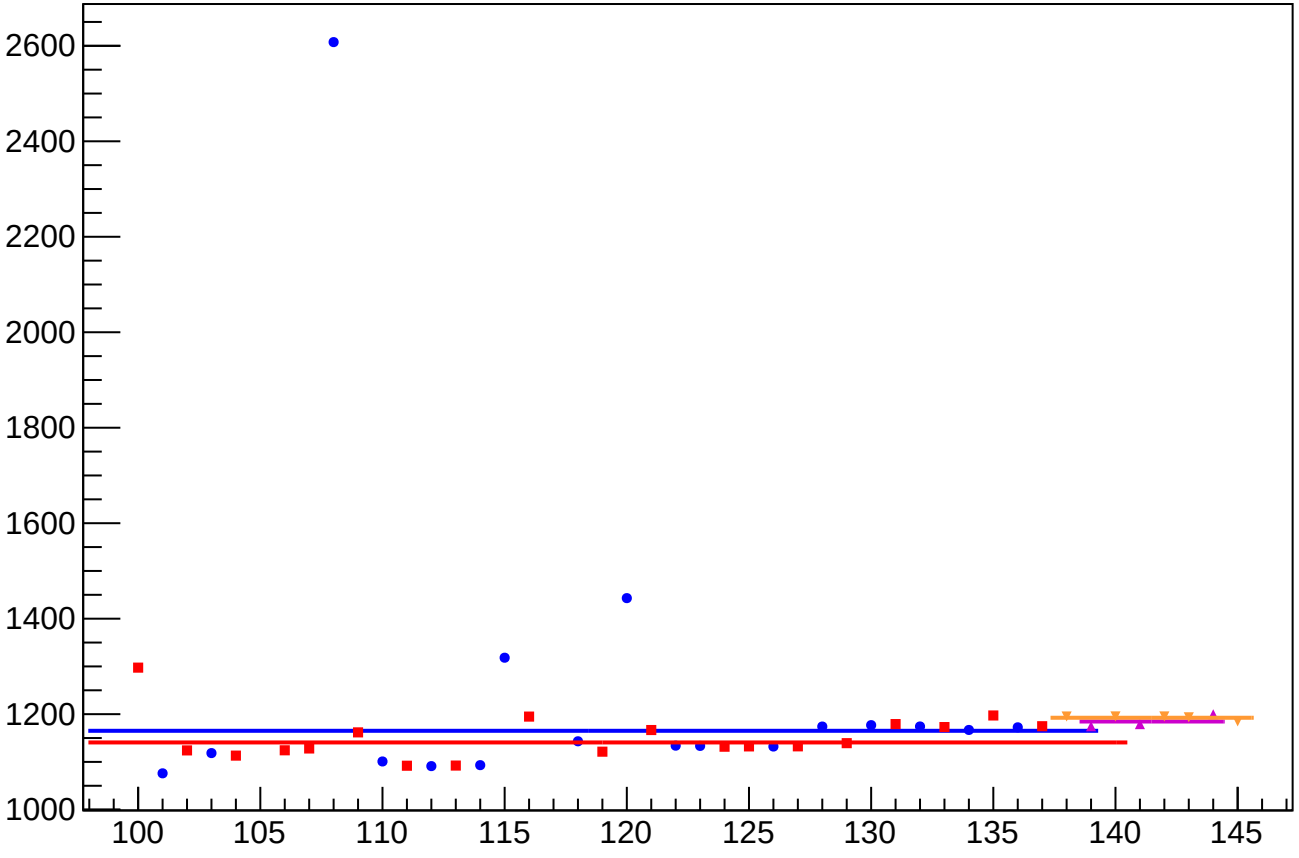
Left In: -2463.496+/-749.270 χ^2/NDF:0.9/2

+ sign 2410.727+/-371.184 χ^2/NDF: 17.2/21

All: 138.576+/-262.340 χ^2/NDF: 106.7/43

- sign -2129.185+/-370.826 χ^2/NDF: 14.7/21

dit_asym_usr_rms vs Slug



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

Left Out: 1192.475+/-0.457 χ^2/NDF:84.7/4

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

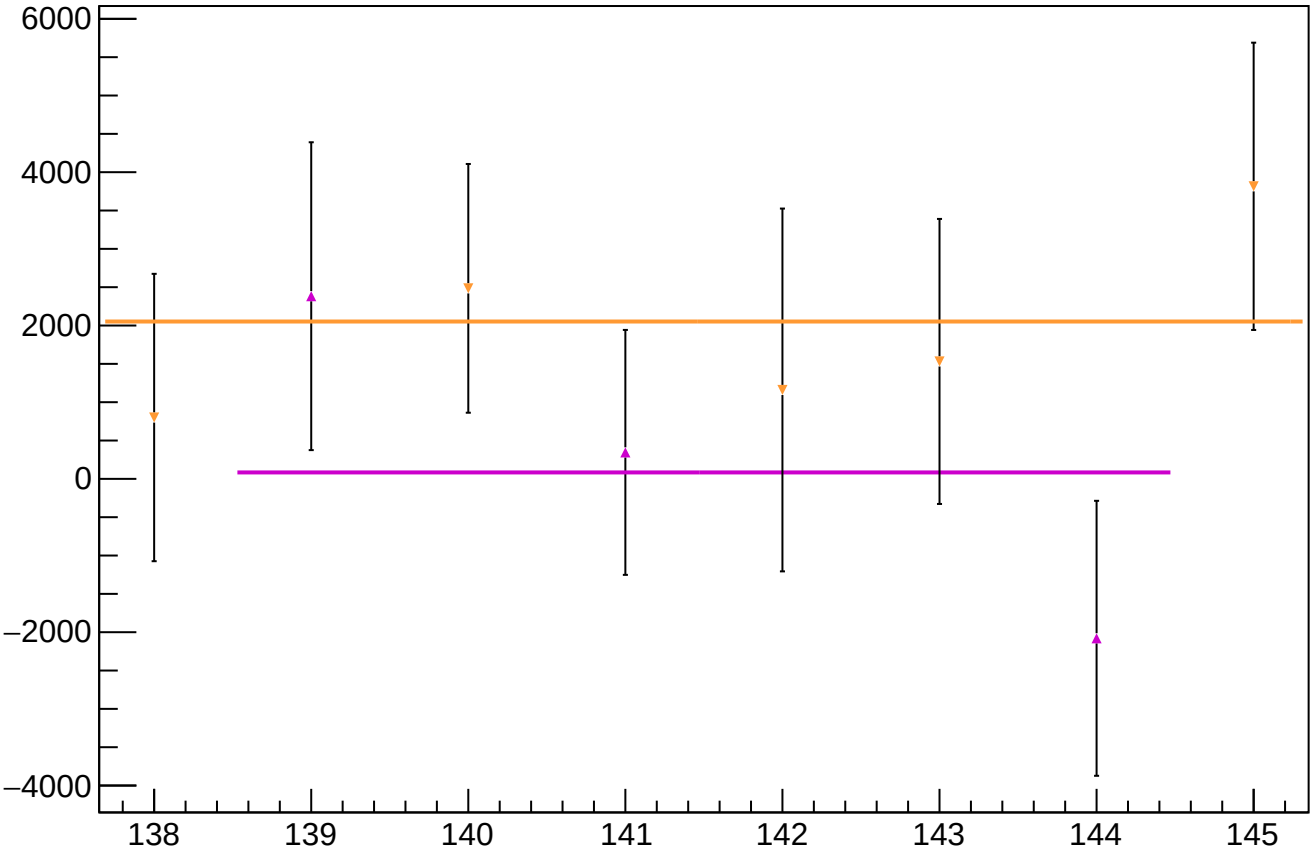
Left In: 1184.610+/-0.530 χ^2/NDF:423.8/2

+ sign 1174.142+/-0.262 χ^2/NDF: 281048.8/21

All: 1162.807+/-0.186 χ^2/NDF: 303090.7/43

- sign 1151.495+/-0.262 χ^2/NDF: 18315.6/21

asym_usr_correction_mean vs Slug



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

Left Out: 2052.329+/-839.886 χ^2/NDF:1.6/4

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

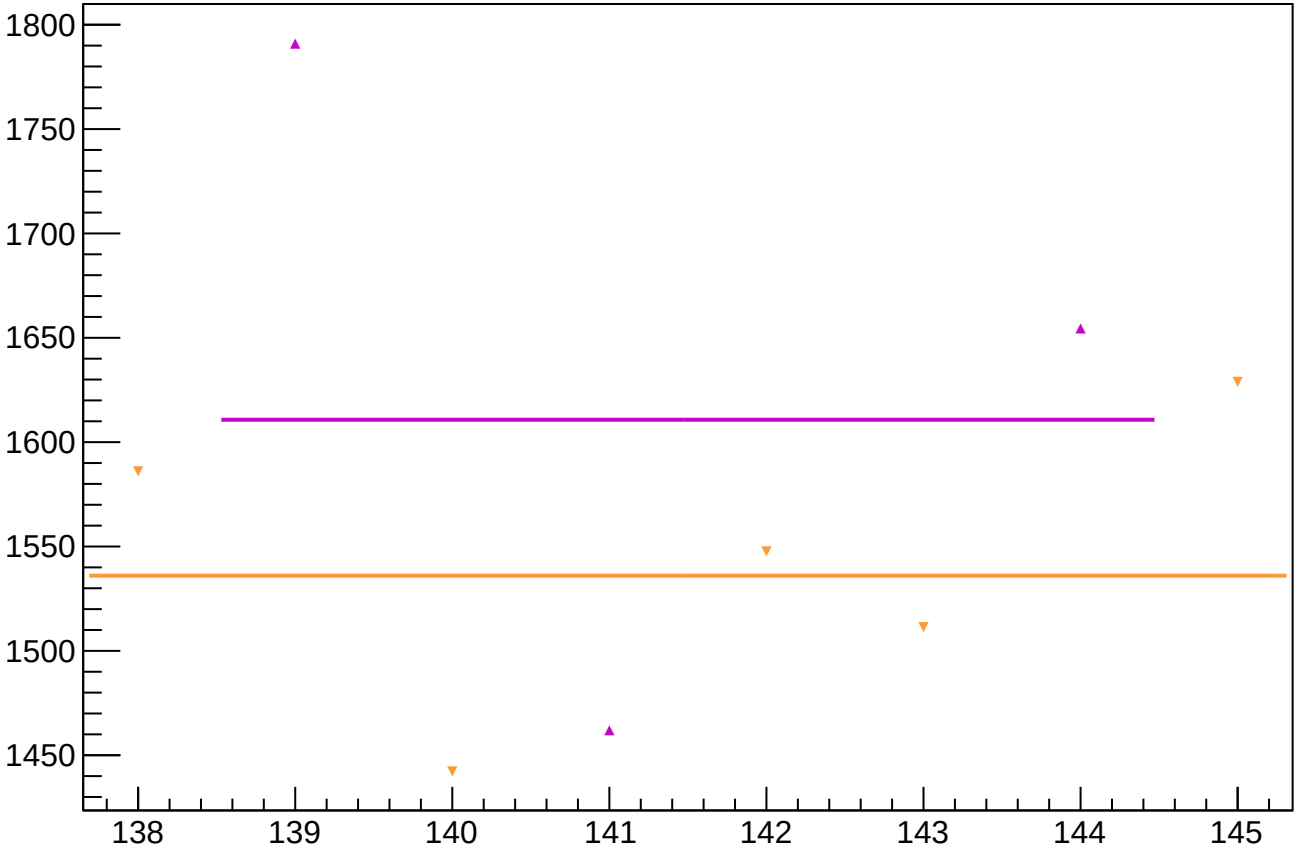
Left In: 83.911+/-1025.458 χ^2/NDF:2.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1262.027+/-649.764 χ^2/NDF: 6.6/7

- 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: 1536.033+/-0.594 χ^2/NDF:13421.3/4

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

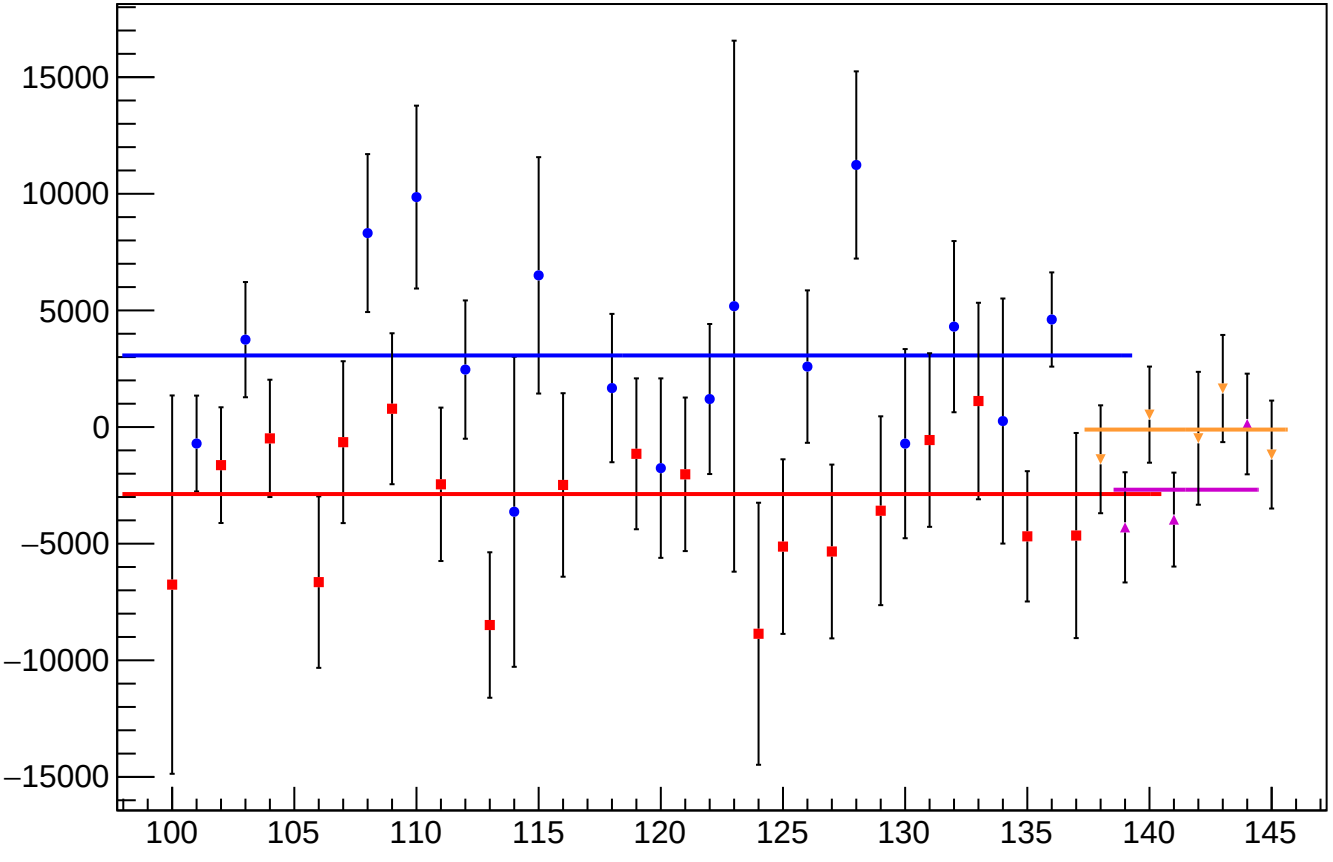
Left In: 1610.739+/-0.725 χ^2/NDF:34653.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1566.026+/-0.459 χ^2/NDF: 54427.6/7

- 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: -108.382+/-1041.502 χ^2/NDF:1.2/4

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

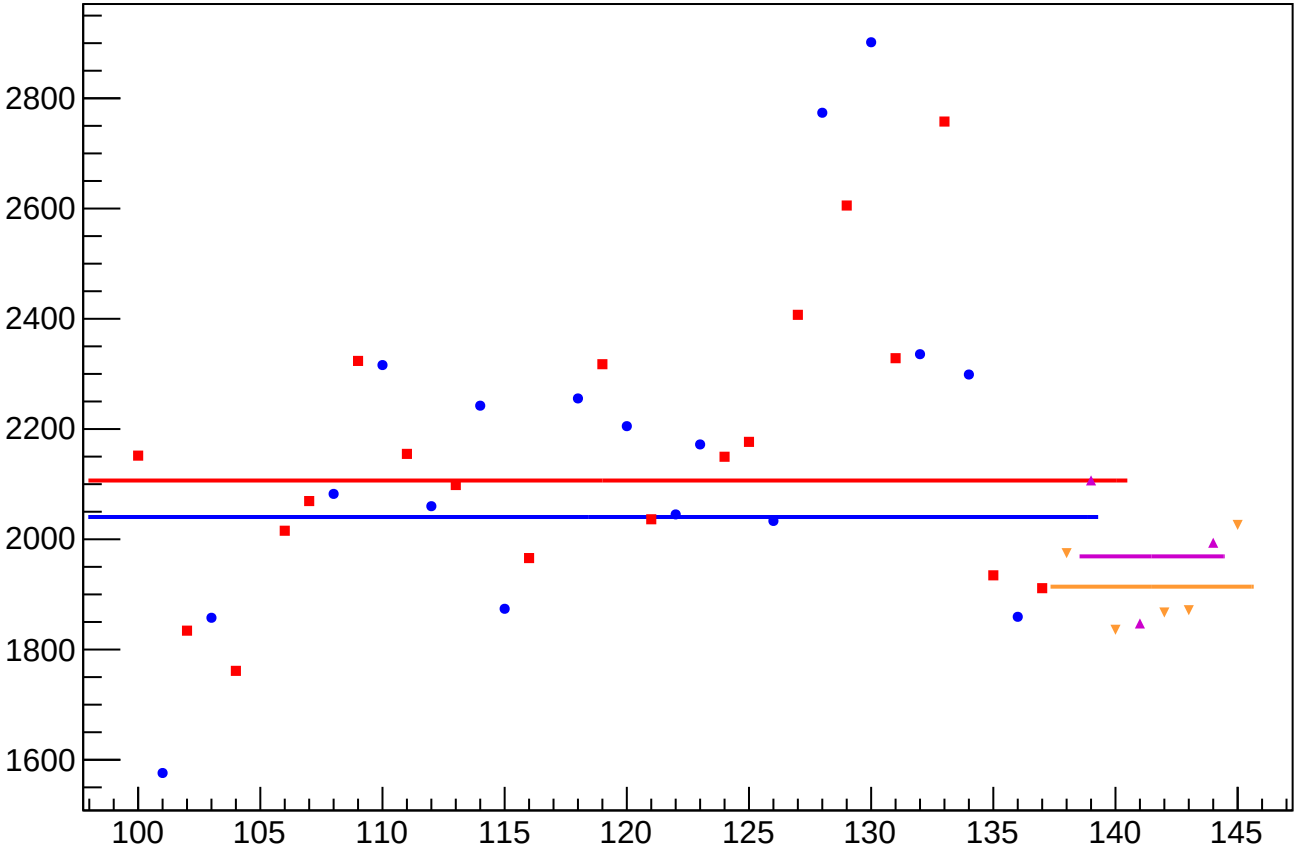
Left In: -2686.370+/-1249.479 χ^2/NDF:2.6/2

+ sign 1894.455+/-633.311 χ^2/NDF: 25.6/21

All: -326.311+/-460.551 χ^2/NDF: 65.9/43

- sign -2818.910+/-670.952 χ^2/NDF: 14.2/21

asym_usr_rms vs Slug



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

Left Out: 1914.059+/-0.736 χ^2/NDF:10181.3/4

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

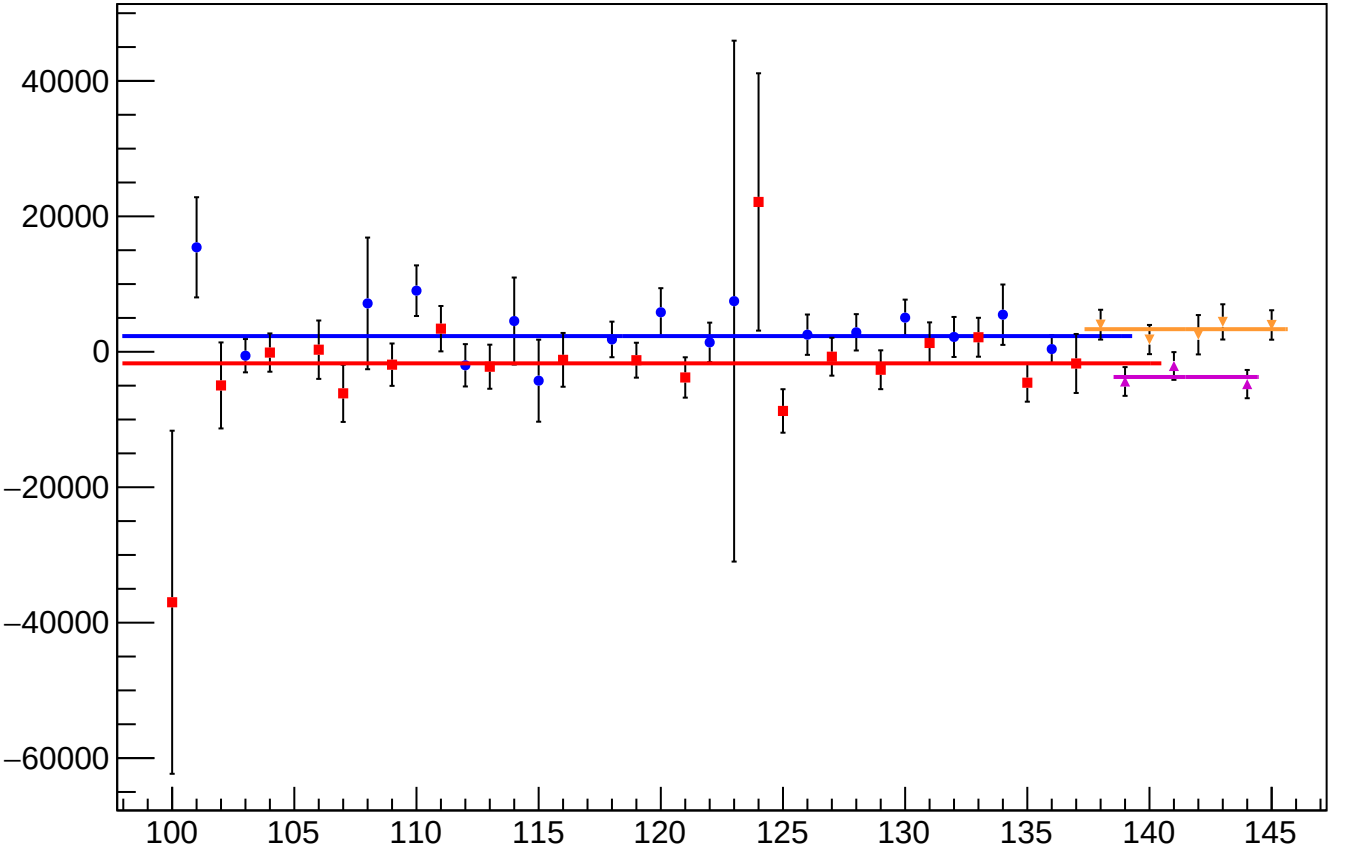
Left In: 1969.029+/-0.884 χ^2/NDF:14372.8/2

+ sign 1993.706+/-0.448 χ^2/NDF: 360079.4/21

All: 2028.215+/-0.326 χ^2/NDF: 599730.5/43

- sign 2066.948+/-0.474 χ^2/NDF: 227047.8/21

dit_asym_at1_avg_mean vs Slug



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

Left Out: 3340.787+/-1054.719 χ^2/NDF:0.9/4

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

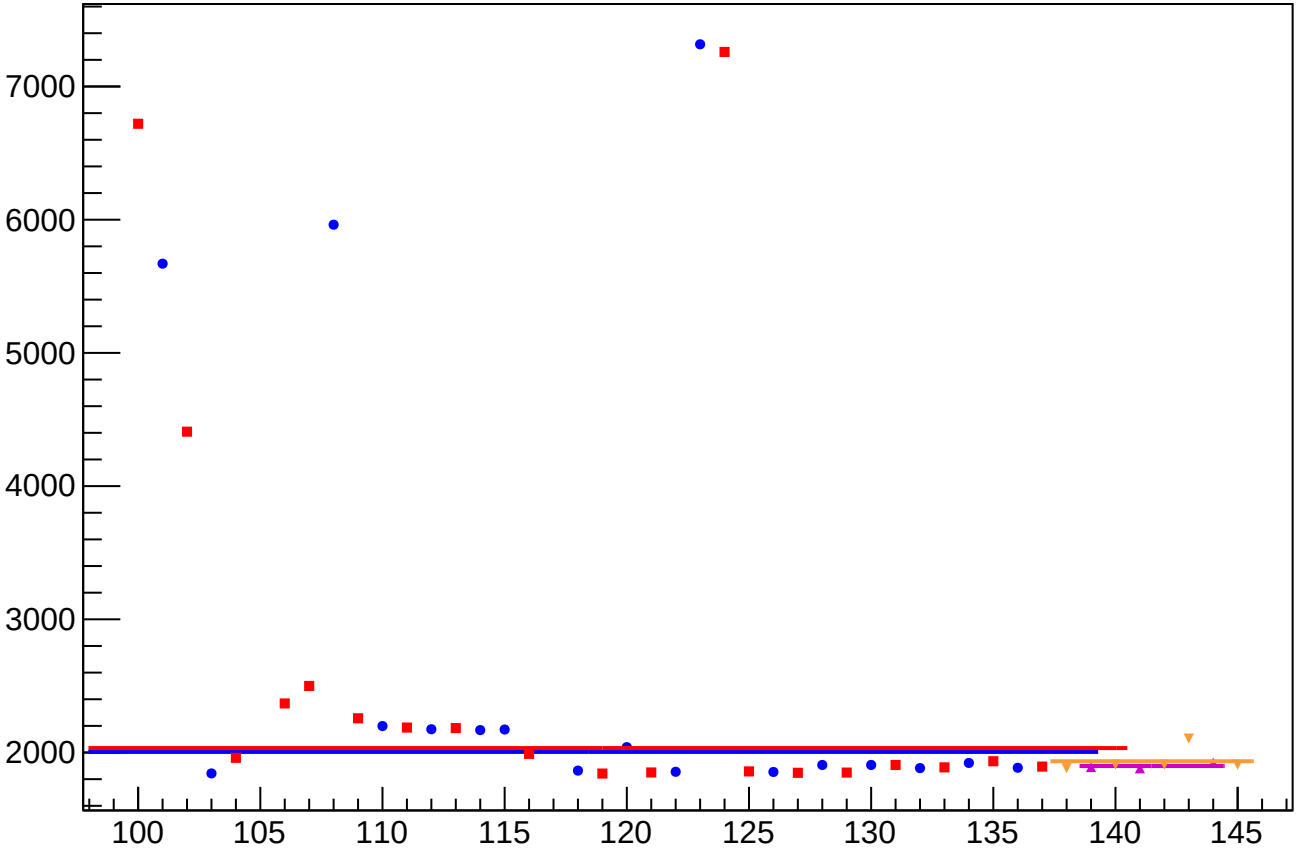
Left In: -3719.724+/-1204.085 χ^2/NDF:1.0/2

+ sign 2693.040+/-638.119 χ^2/NDF: 16.3/21

All: 264.810+/-457.520 χ^2/NDF: 66.2/43

- sign -2303.961+/-656.326 χ^2/NDF: 20.1/21

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1934.656+/-0.746 χ^2/NDF:10396.4/4

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

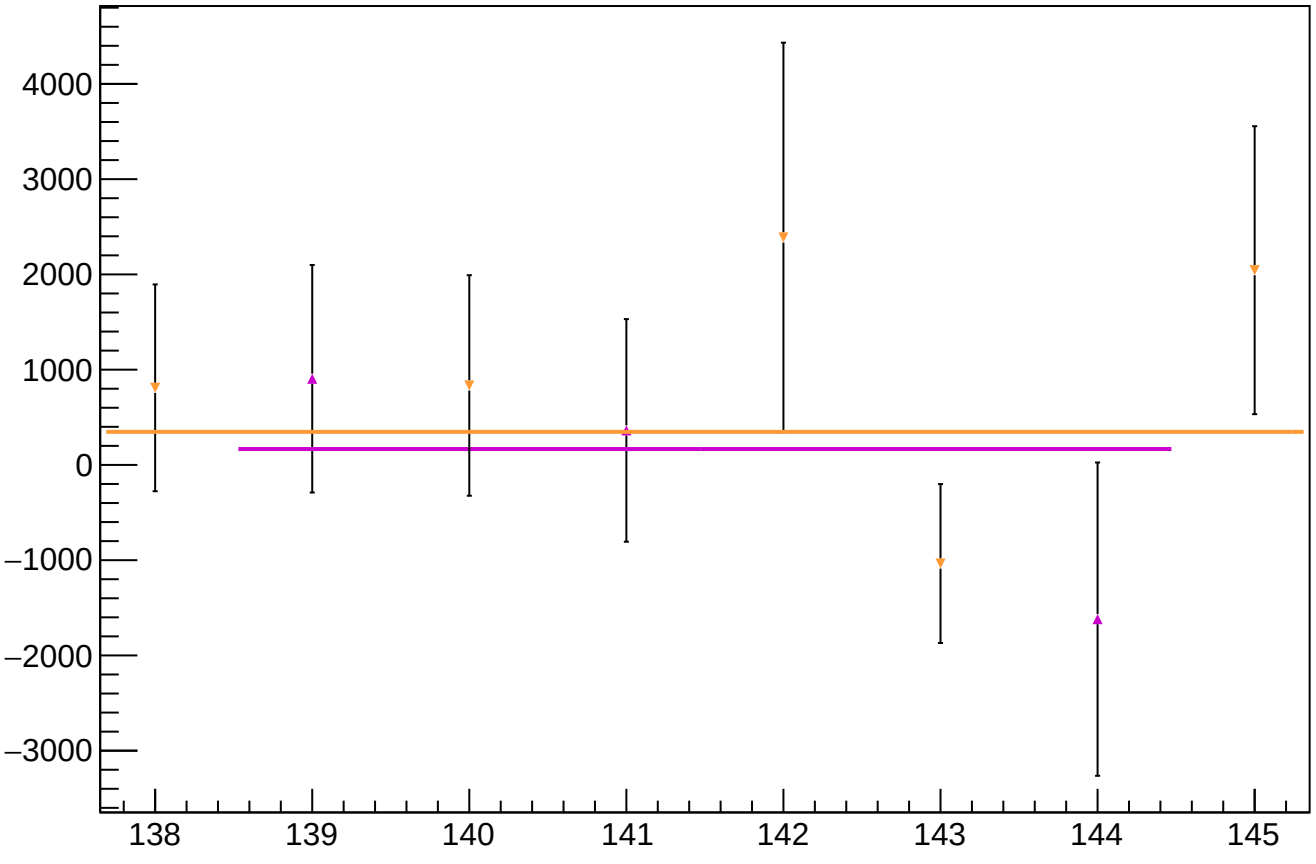
Left In: 1898.734+/-0.851 χ^2/NDF:465.6/2

+ sign 1978.966+/-0.451 χ^2/NDF: 931977.9/21

All: 1986.006+/-0.324 χ^2/NDF: 1561561.6/43

- sign 1993.452+/-0.464 χ^2/NDF: 629082.9/21

asym_at1_avg_correction_mean vs Slug



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

Left Out: 347.173+/-519.298 χ^2/NDF:5.4/4

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

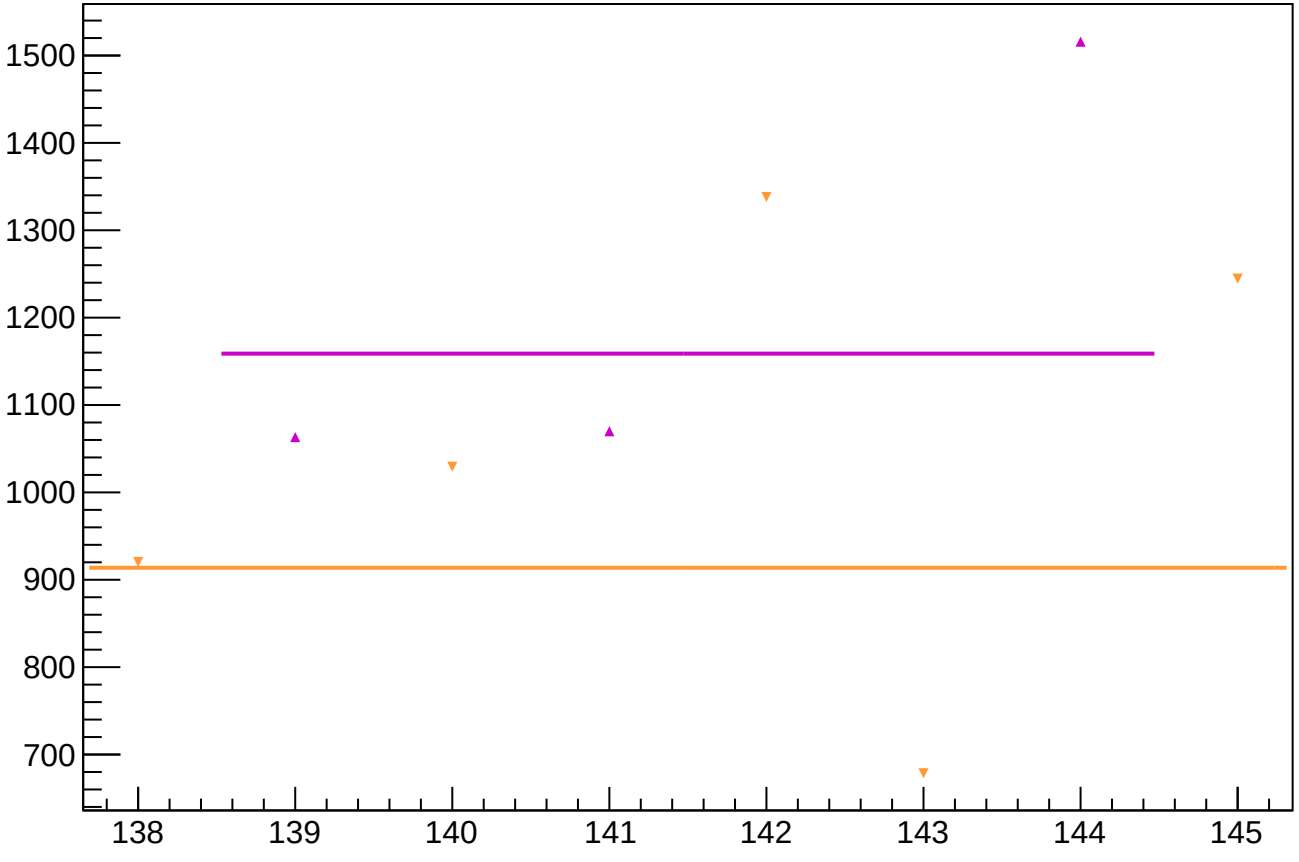
Left In: 166.864+/-744.728 χ^2/NDF:1.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 288.184+/-425.965 χ^2/NDF: 7.0/7

- 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: 913.804+/-0.367 χ^2/NDF:360994.3/4

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

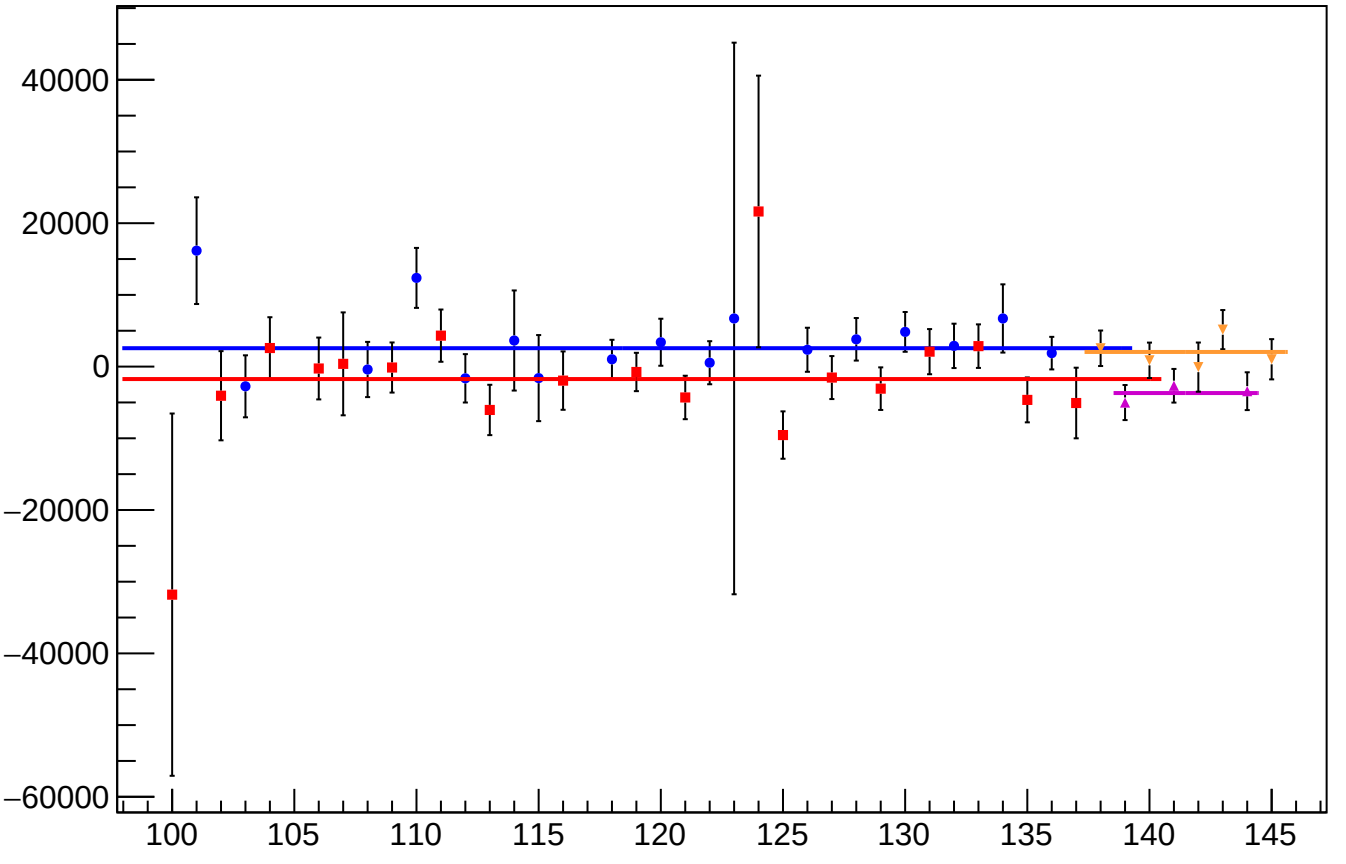
Left In: 1158.817+/-0.527 χ^2/NDF:118601.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 993.961+/-0.301 χ^2/NDF: 625251.9/7

- 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: 2042.169+/-1218.822 χ^2/NDF:2.1/4

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

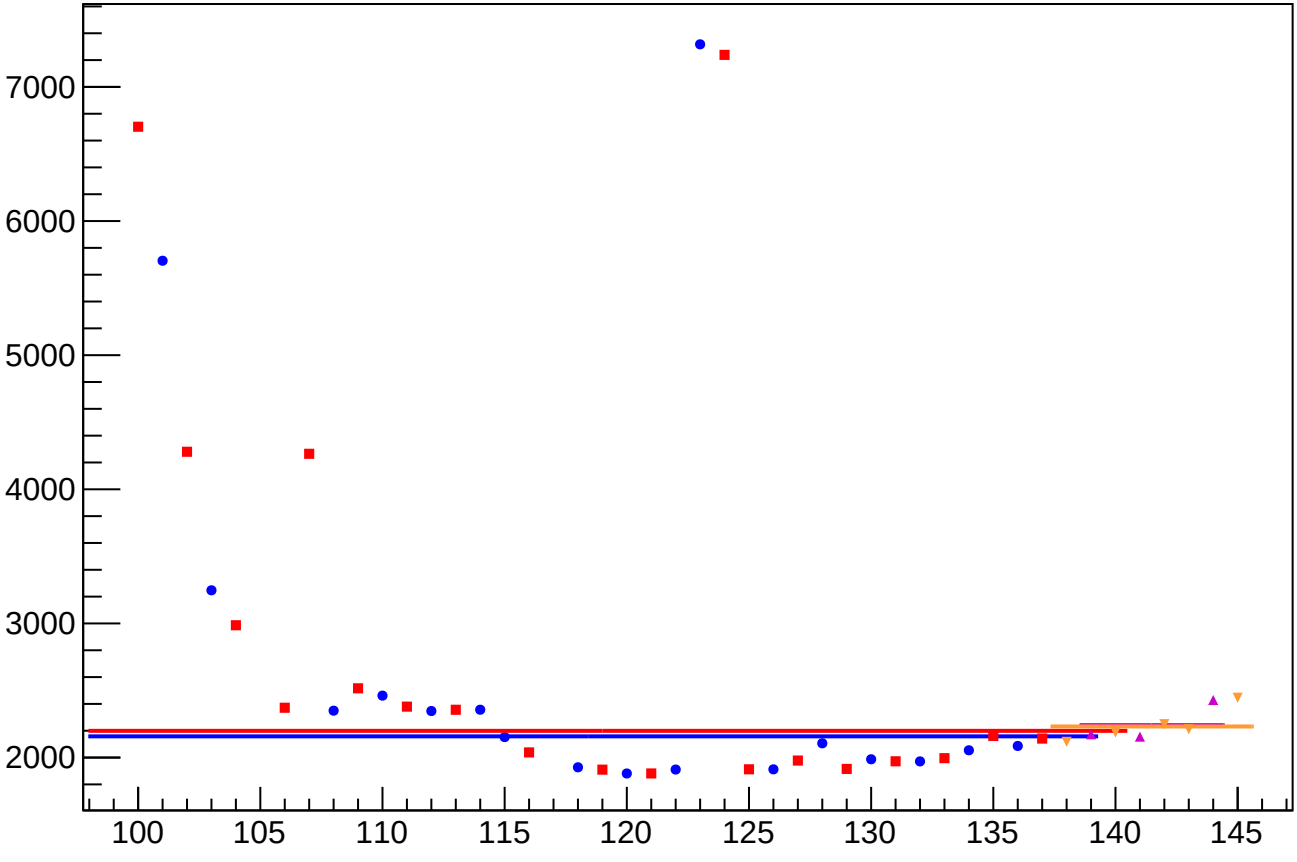
Left In: -3689.094+/-1424.565 χ^2/NDF:0.5/2

+ sign 2393.478+/-700.548 χ^2/NDF: 17.8/21

All: 172.119+/-506.099 χ^2/NDF: 61.2/43

- sign -2252.849+/-731.950 χ^2/NDF: 22.4/21

asym_at1_avg_rms vs Slug



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

Left Out: 2231.833+/-0.862 χ^2/NDF:16744.4/4

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

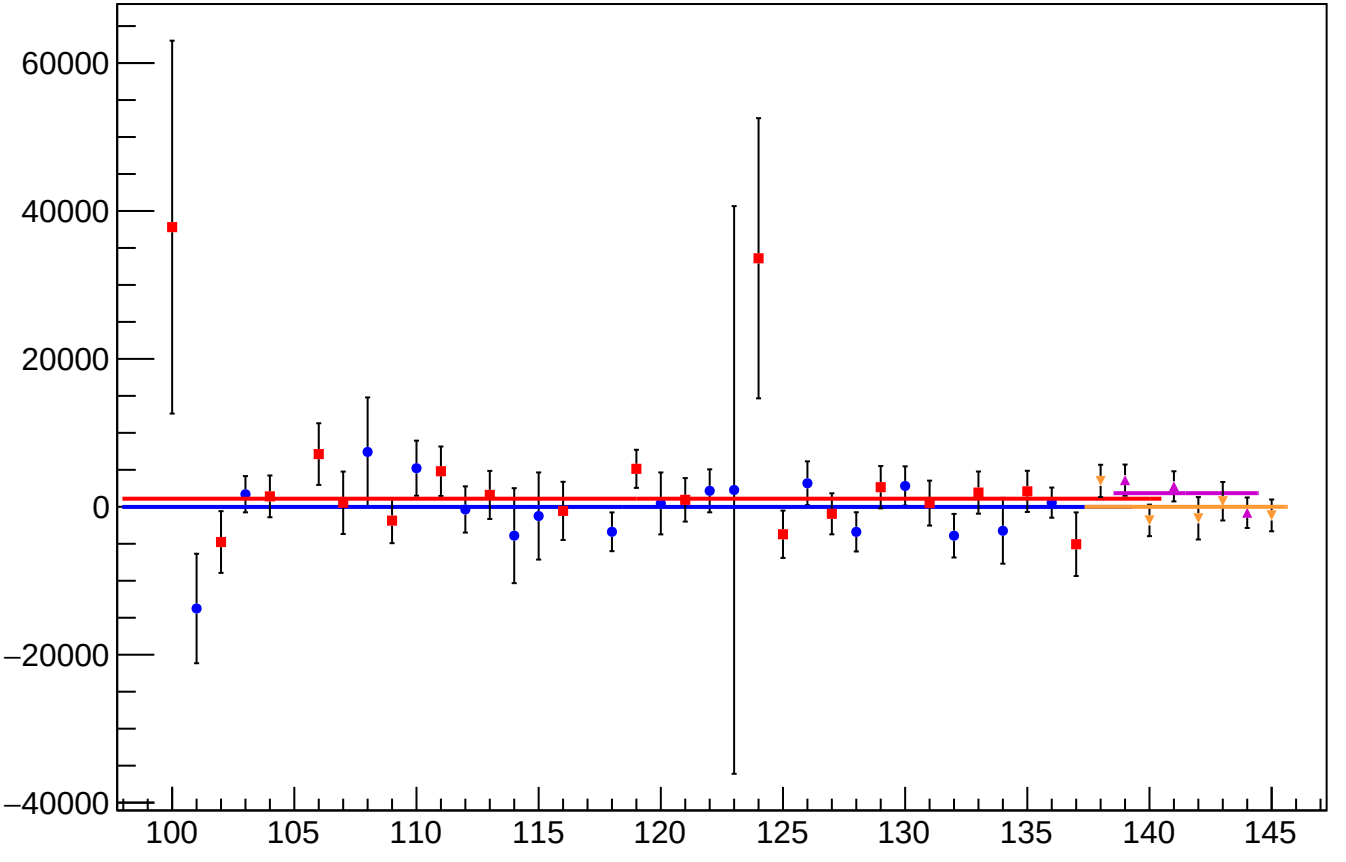
Left In: 2241.789+/-1.007 χ^2/NDF:14358.2/2

+ sign 2182.491+/-0.495 χ^2/NDF: 735501.4/21

All: 2195.905+/-0.358 χ^2/NDF: 1555722.1/43

- sign 2210.548+/-0.518 χ^2/NDF: 818687.0/21

dit_asym_at1_dd_mean vs Slug



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

Left Out: -2.520+/-1045.504 χ^2/NDF:4.0/4

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

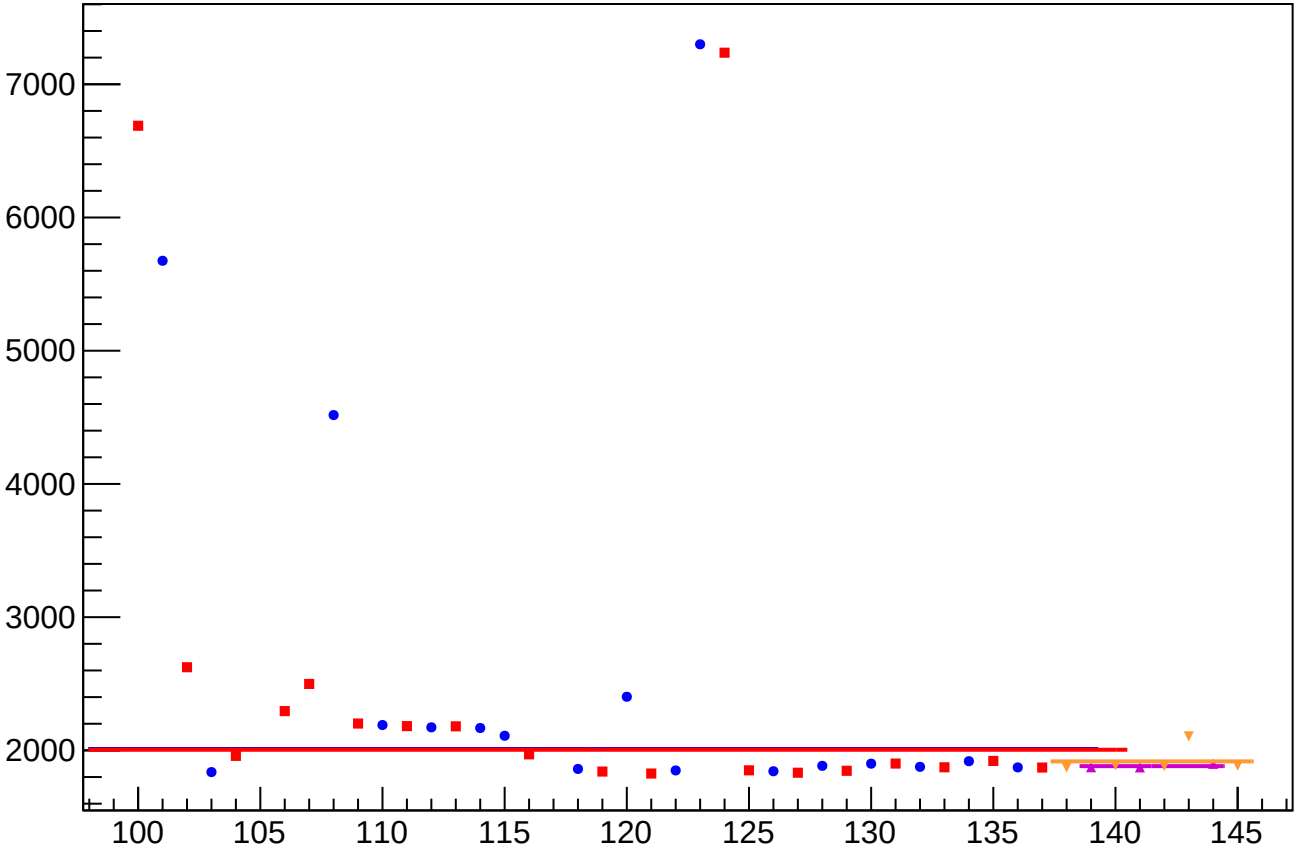
Left In: 1842.245+/-1193.173 χ^2/NDF:2.6/2

+ sign -12.444+/-636.044 χ^2/NDF: 19.8/21

All: 640.085+/-453.510 χ^2/NDF: 44.2/43

- sign 1314.895+/-646.812 χ^2/NDF: 22.2/21

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1917.518+/-0.739 χ^2/NDF:12472.4/4

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

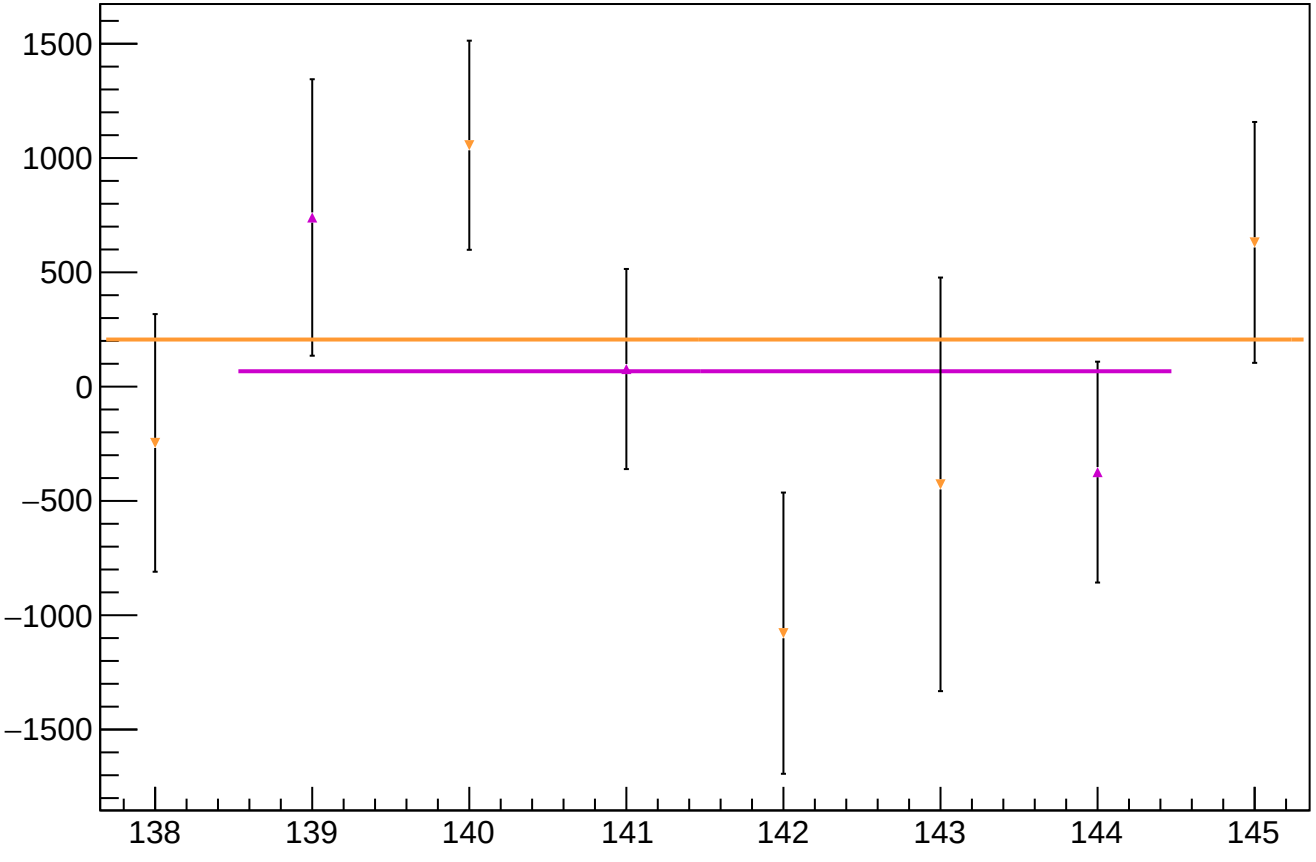
Left In: 1881.779+/-0.844 χ^2/NDF:215.1/2

+ sign 1975.944+/-0.450 χ^2/NDF: 862134.6/21

All: 1972.386+/-0.321 χ^2/NDF: 1245023.2/43

- sign 1968.707+/-0.457 χ^2/NDF: 382761.3/21

asym_at1_dd_correction_mean vs Slug



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

Left Out: 206.042+/-254.871 χ^2/NDF:9.6/4

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

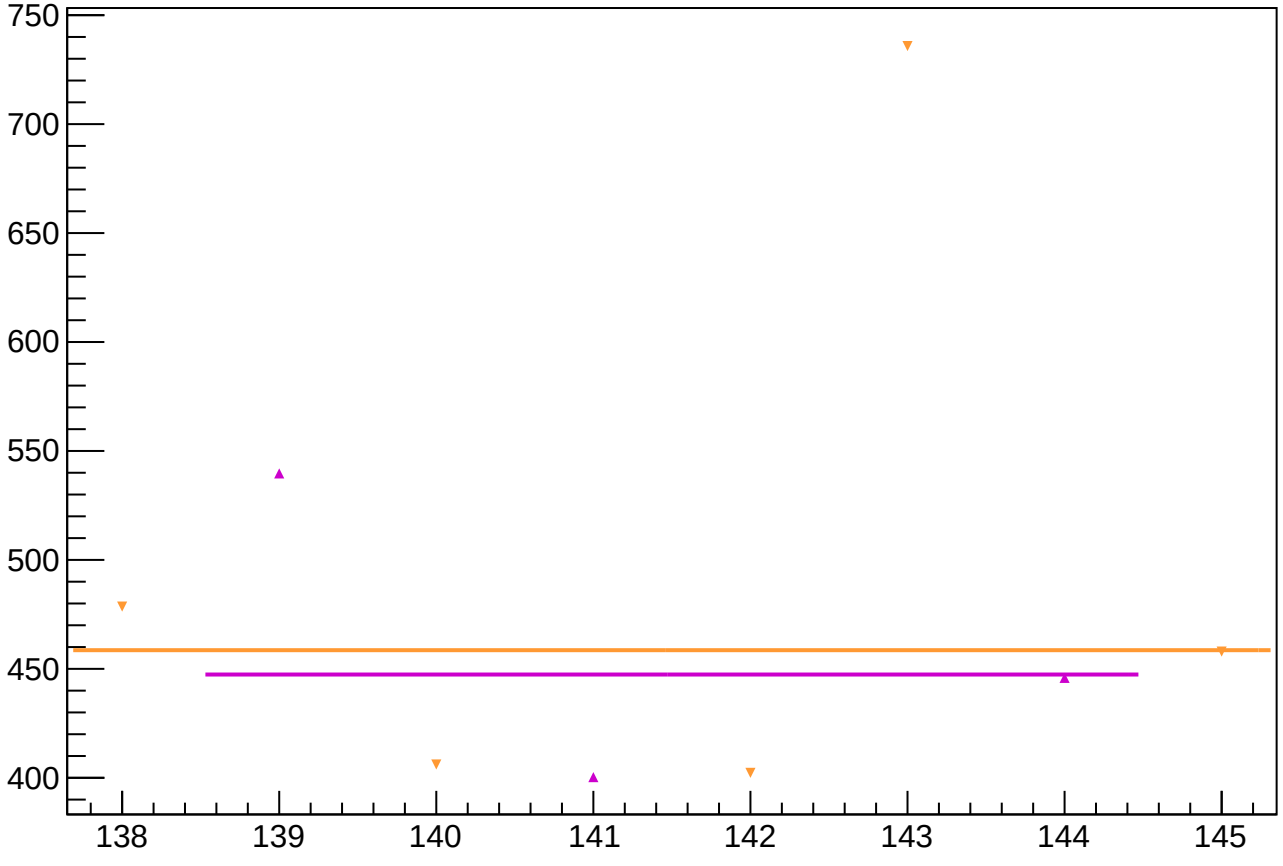
Left In: 67.283+/-285.859 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 144.588+/-190.237 χ^2/NDF: 11.8/7

- 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: 458.567+/-0.180 χ^2/NDF:233424.3/4

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

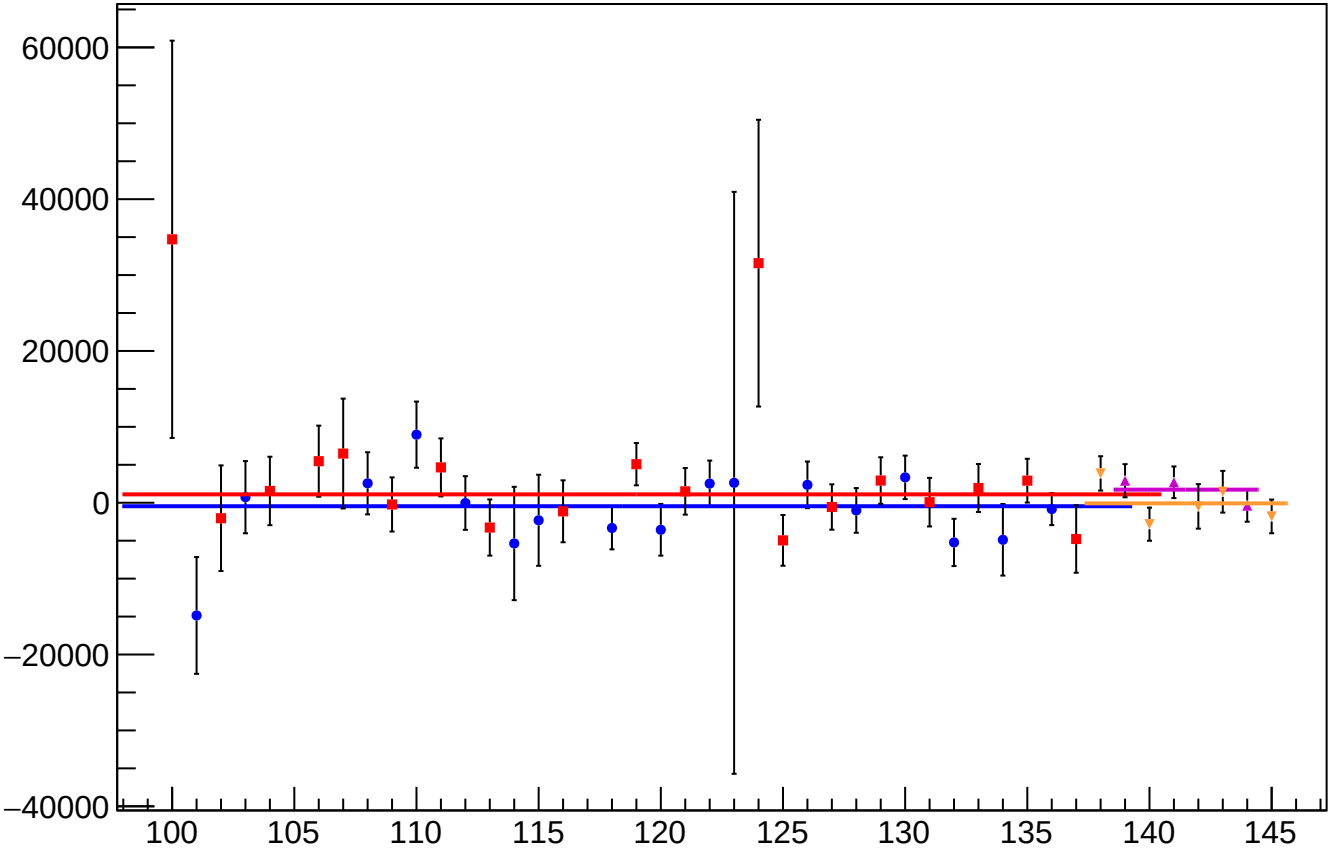
Left In: 447.398+/-0.202 χ^2/NDF:69747.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 453.620+/-0.135 χ^2/NDF: 304872.9/7

- 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: -80.946+/-1080.283 χ^2/NDF:5.6/4

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

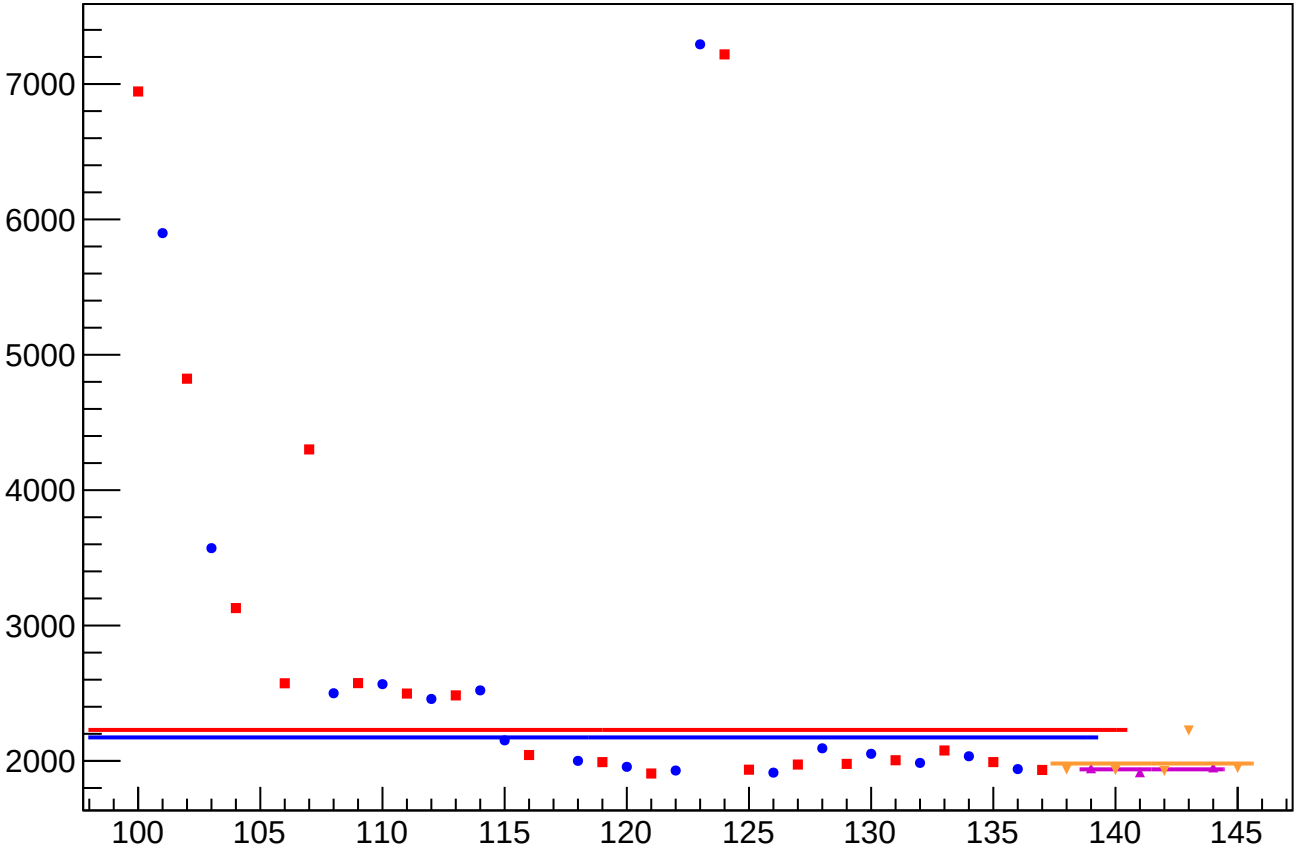
Left In: 1725.476+/-1228.578 χ^2/NDF:1.5/2

+ sign -310.855+/-675.288 χ^2/NDF: 23.7/21

All: 461.149+/-488.808 χ^2/NDF: 45.0/43

- sign 1310.866+/-708.461 χ^2/NDF: 18.6/21

asym_at1_dd_rms vs Slug



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

Left Out: 1980.727+/-0.764 χ^2/NDF:18701.7/4

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

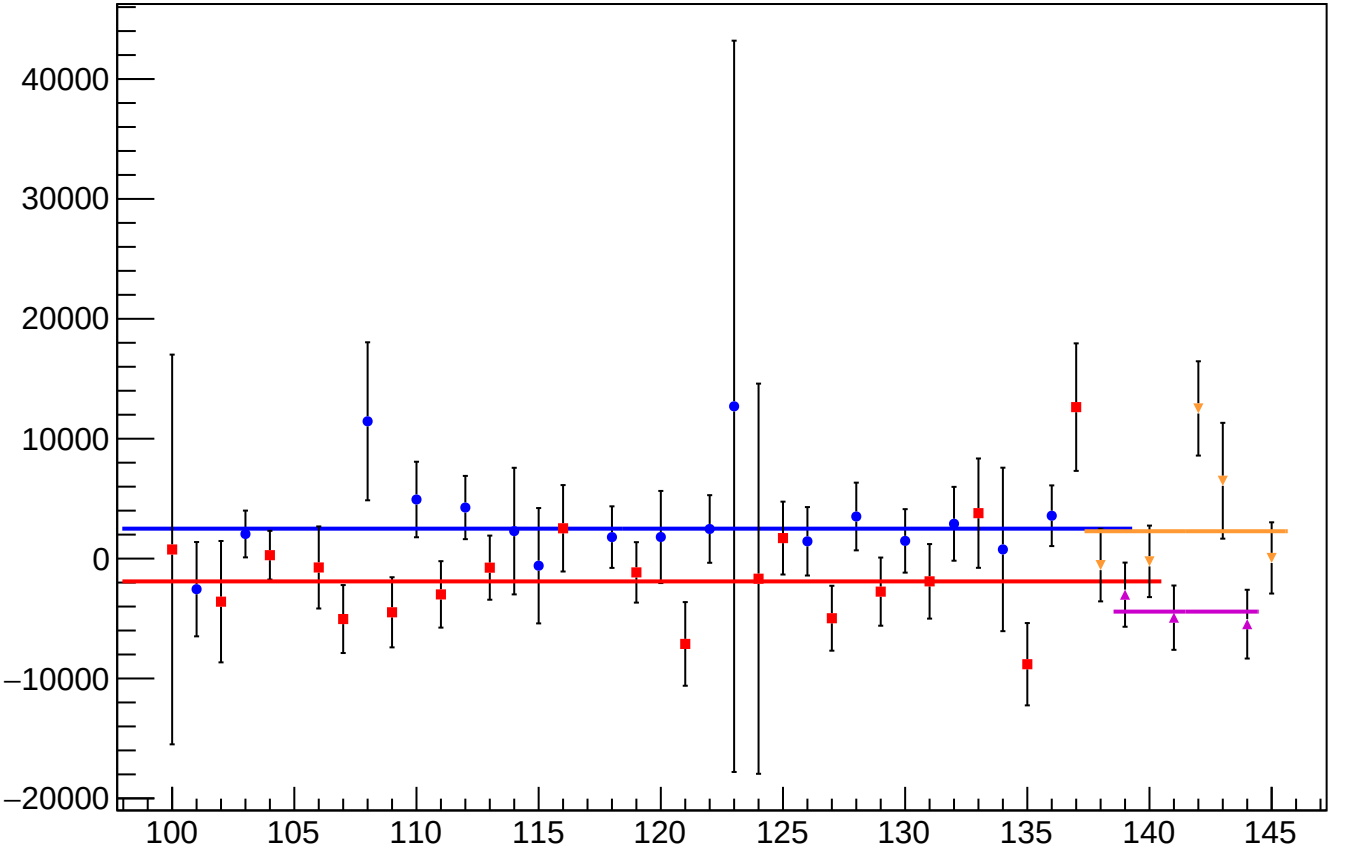
Left In: 1937.735+/-0.869 χ^2/NDF:328.8/2

+ sign 2098.191+/-0.478 χ^2/NDF: 862874.5/21

All: 2114.321+/-0.346 χ^2/NDF: 1836438.7/43

- sign 2132.075+/-0.501 χ^2/NDF: 971167.1/21

dit_asym_at2_avg_mean vs Slug



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

Left Out: 2281.993+/-1503.706 χ^2/NDF:9.7/4

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

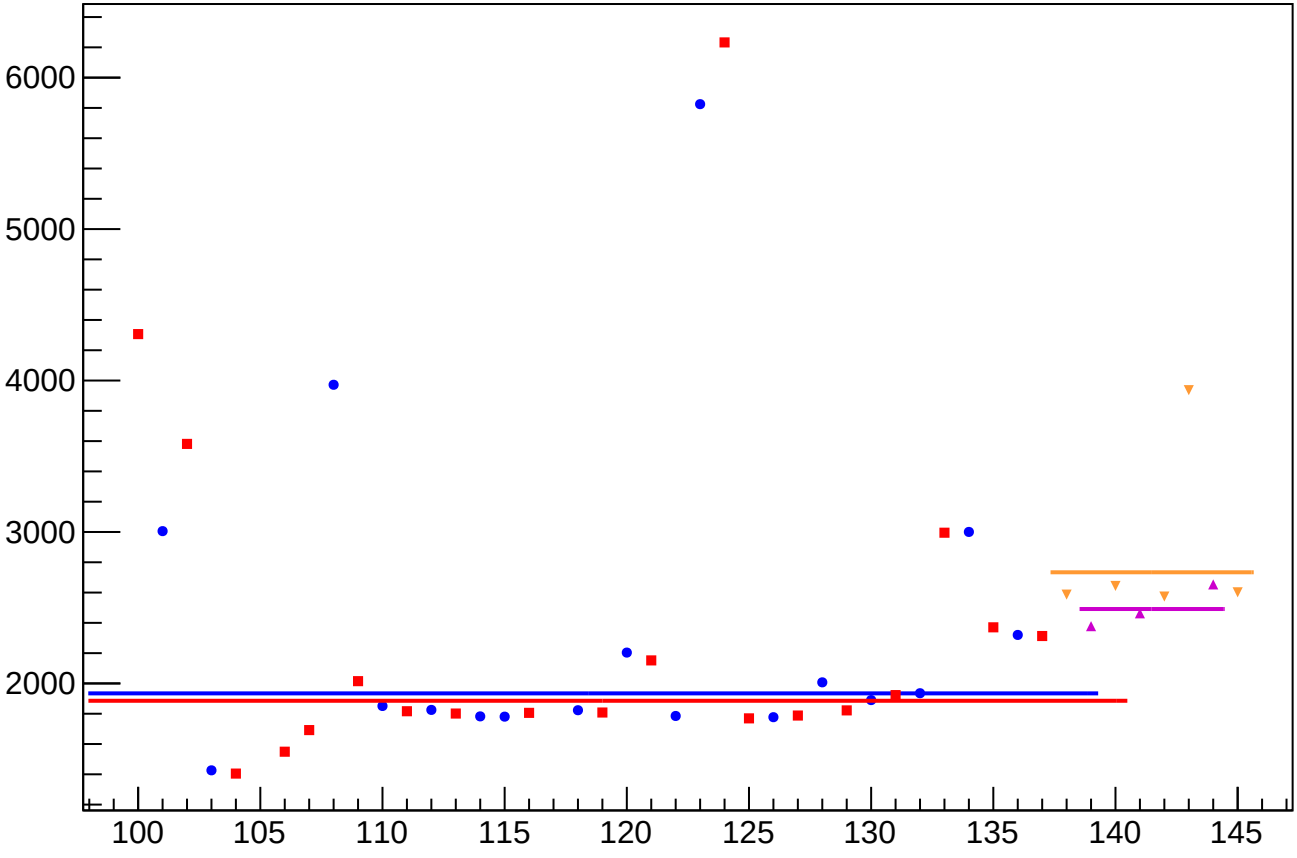
Left In: -4423.004+/-1580.839 χ^2/NDF:0.4/2

+ sign 2452.181+/-684.165 χ^2/NDF: 15.6/21

All: -8.339+/-477.894 χ^2/NDF: 66.8/43

- sign -2352.698+/-667.820 χ^2/NDF: 26.0/21

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2733.862+/-1.063 χ^2/NDF:137801.8/4

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

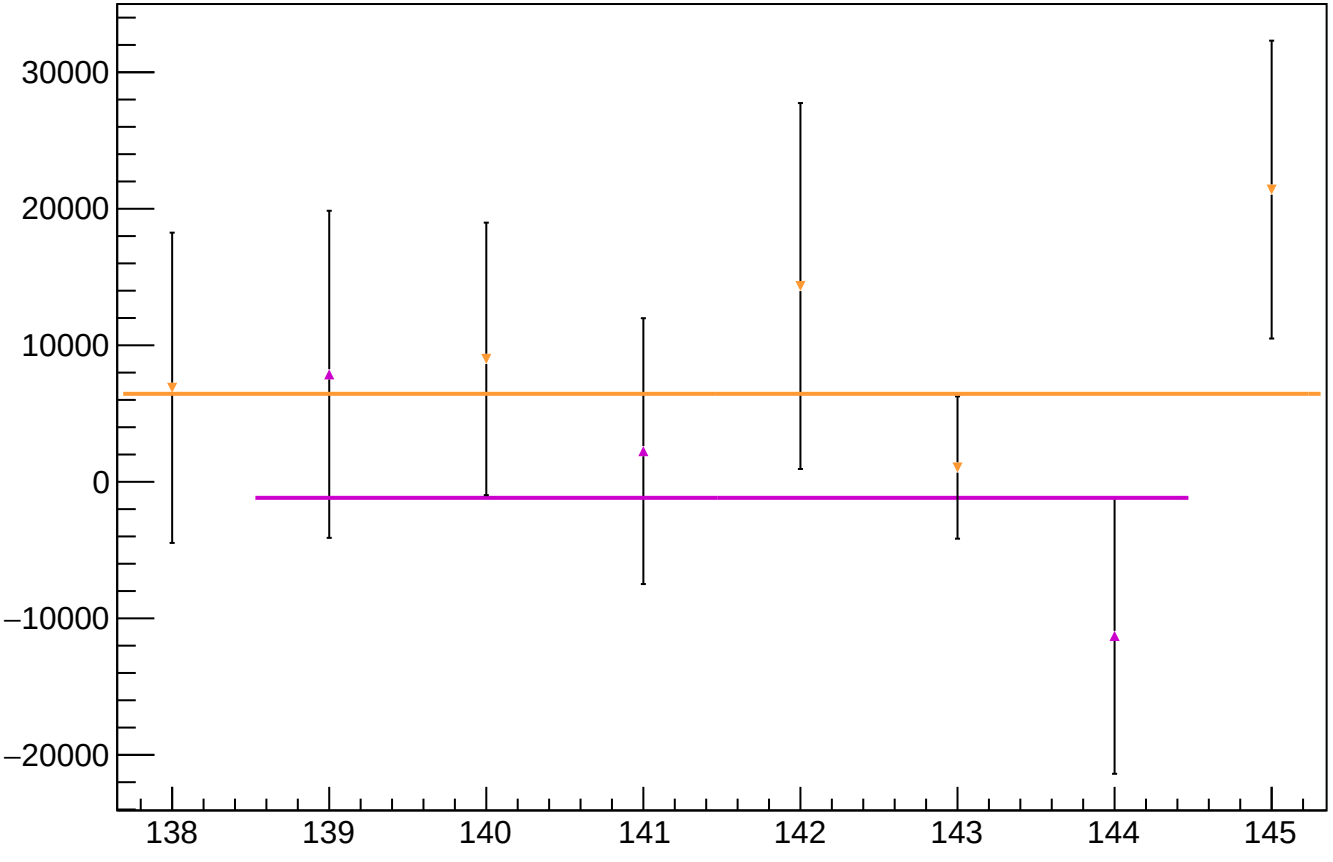
Left In: 2491.397+/-1.118 χ^2/NDF:10221.0/2

+ sign 2099.901+/-0.484 χ^2/NDF: 1225015.1/21

All: 2045.476+/-0.338 χ^2/NDF: 2253387.1/43

- sign 1993.635+/-0.472 χ^2/NDF: 1003659.9/21

asym_at2_avg_correction_mean vs Slug



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

Left Out: 6446.626+/-3818.993 χ^2/NDF:3.4/4

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

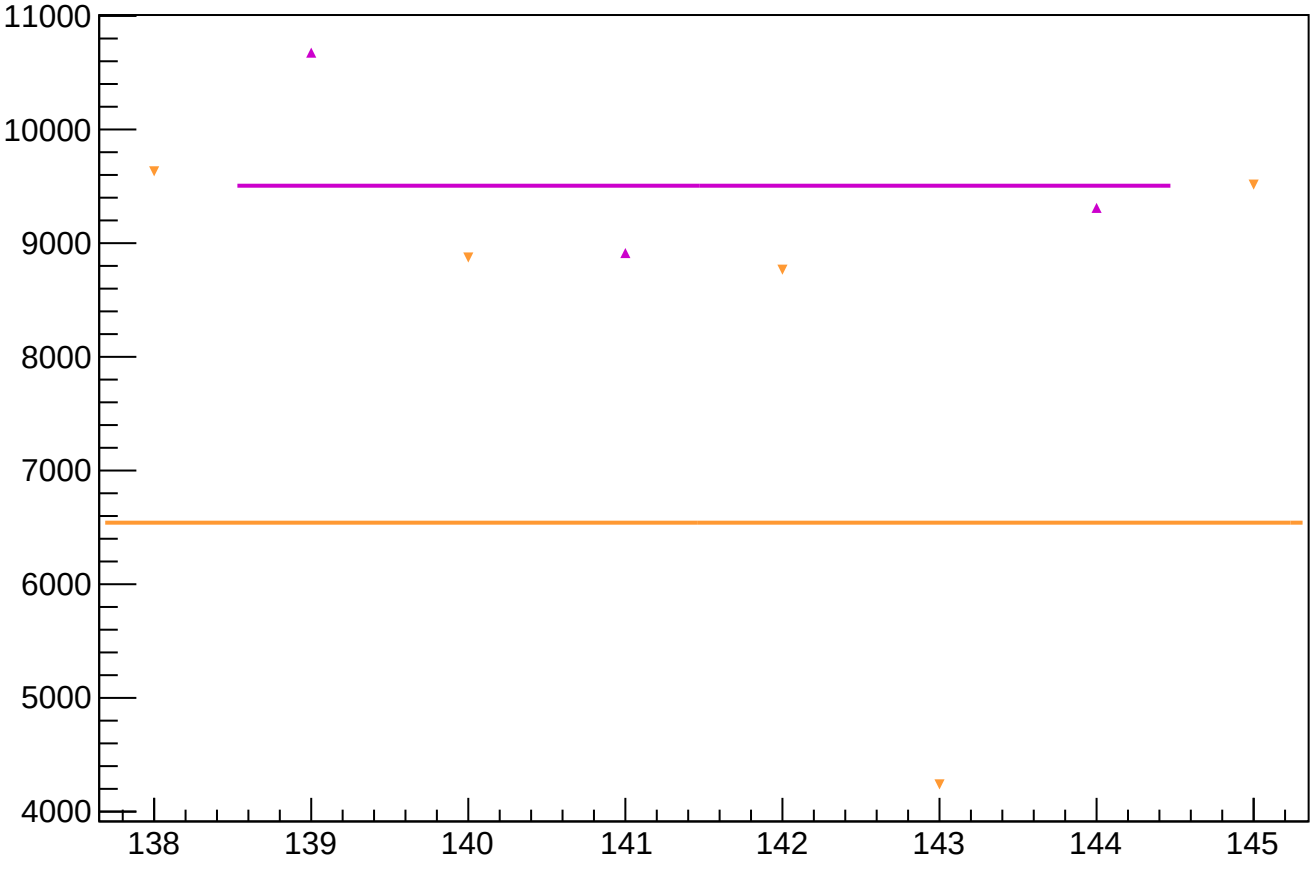
Left In: -1172.680+/-6049.906 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4275.618+/-3229.398 χ^2/NDF: 6.2/7

- 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: 6541.424+/-2.700 χ^2/NDF:851048.9/4

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

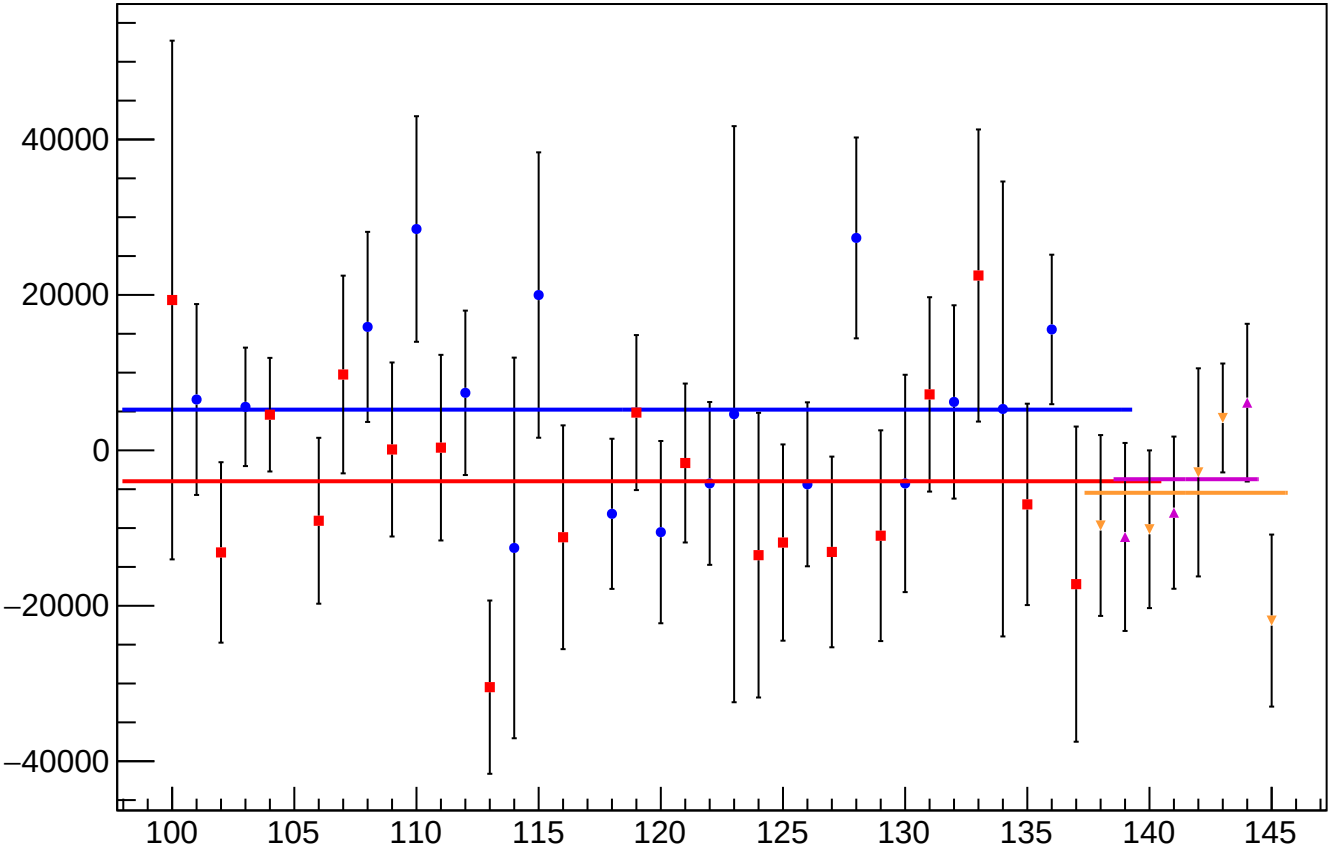
Left In: 9505.332+/-4.278 χ^2/NDF:27242.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7385.945+/-2.284 χ^2/NDF: 1221539.0/7

- 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: -5461.438+/-4418.802 χ^2/NDF:4.5/4

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

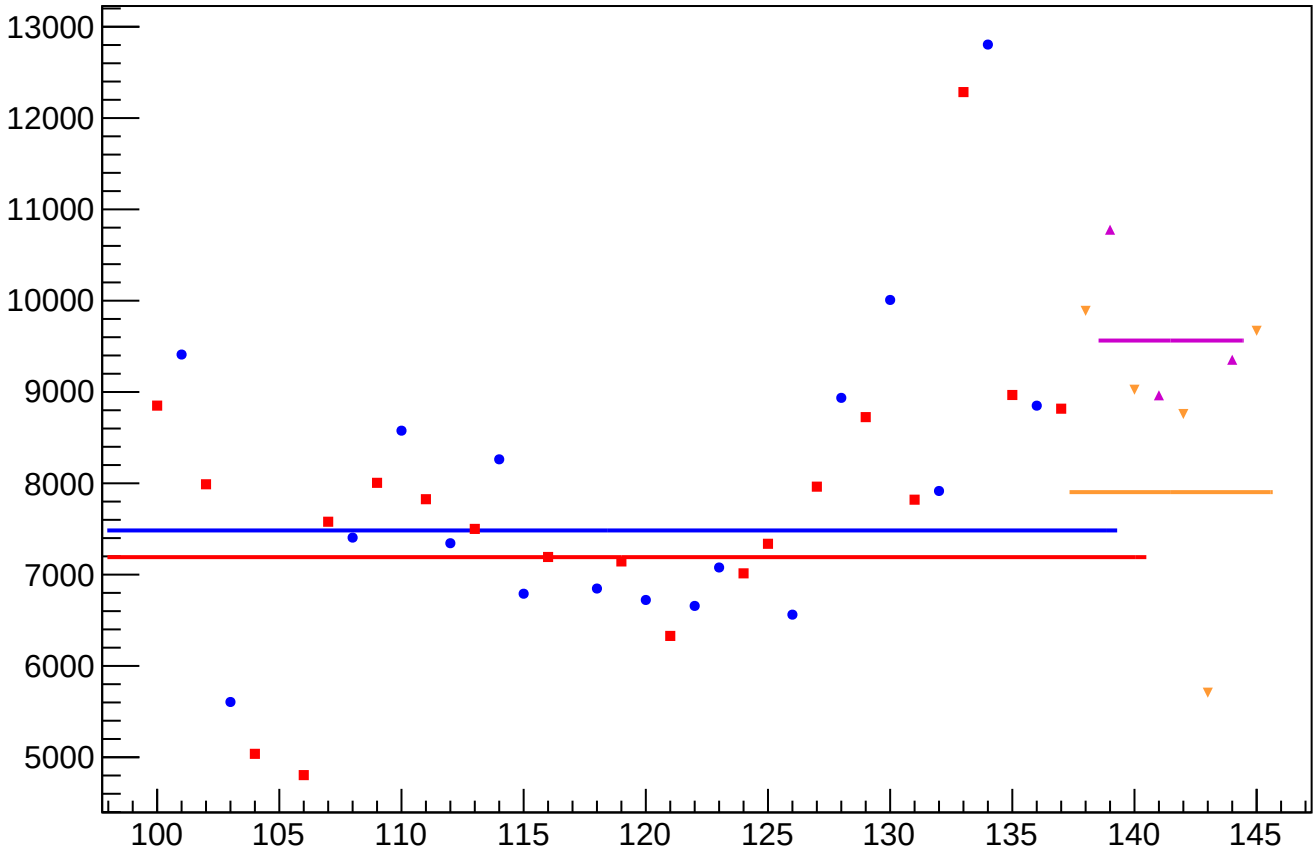
Left In: -3713.410+/-6087.688 χ^2/NDF:1.5/2

+ sign 1945.790+/-2451.281 χ^2/NDF: 23.0/21

All: -891.805+/-1762.721 χ^2/NDF: 42.9/43

- sign -3930.459+/-2536.637 χ^2/NDF: 17.1/21

asym_at2_avg_rms vs Slug



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

Left Out: 7903.458+/-3.125 χ^2/NDF:338357.1/4

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

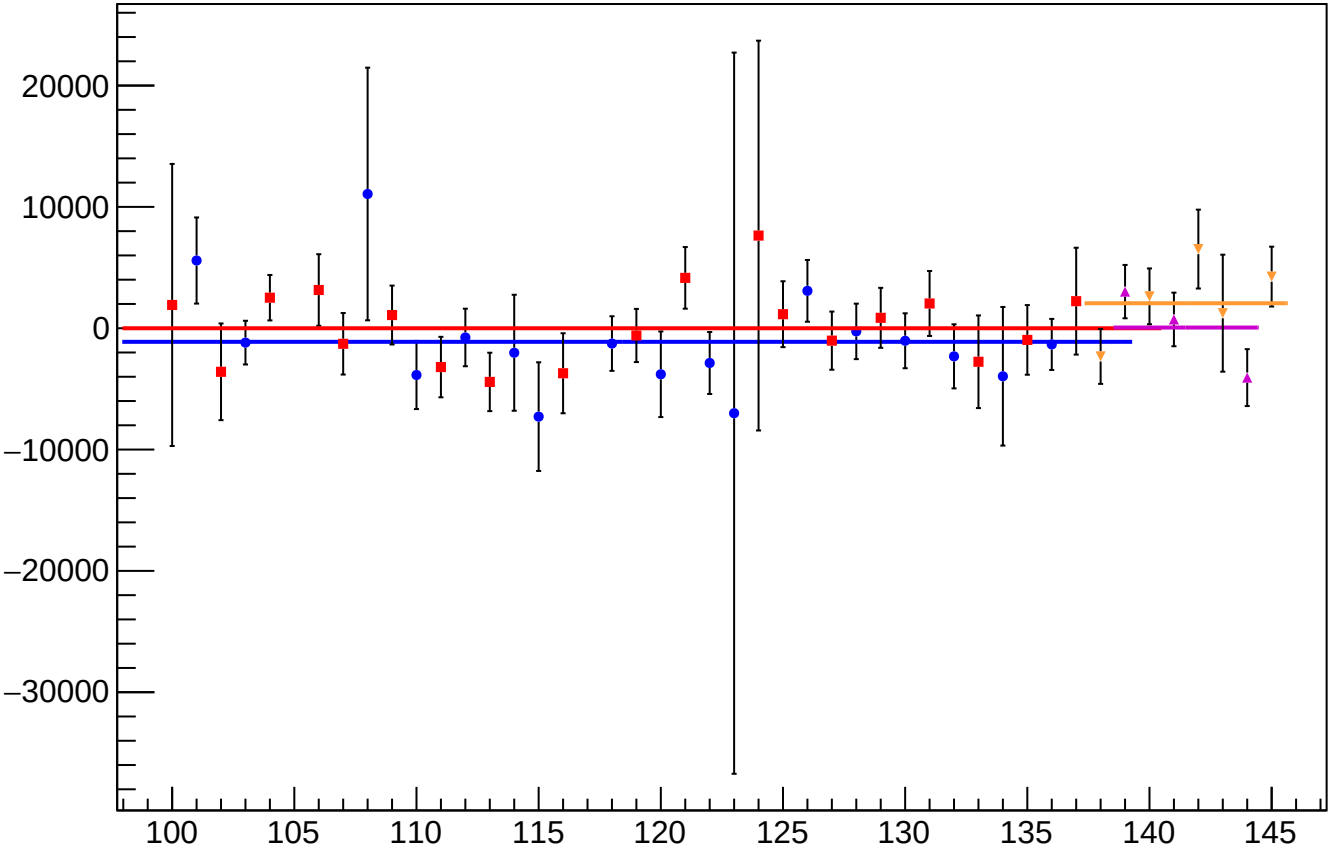
Left In: 9563.495+/-4.305 χ^2/NDF:28508.4/2

+ sign 7612.929+/-1.733 χ^2/NDF: 782652.1/21

All: 7608.235+/-1.246 χ^2/NDF: 1620867.1/43

- sign 7603.210+/-1.793 χ^2/NDF: 838199.8/21

dit_asym_at2_dd_mean vs Slug



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

Left Out: 2058.150+/-1207.125 χ^2/NDF:6.5/4

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

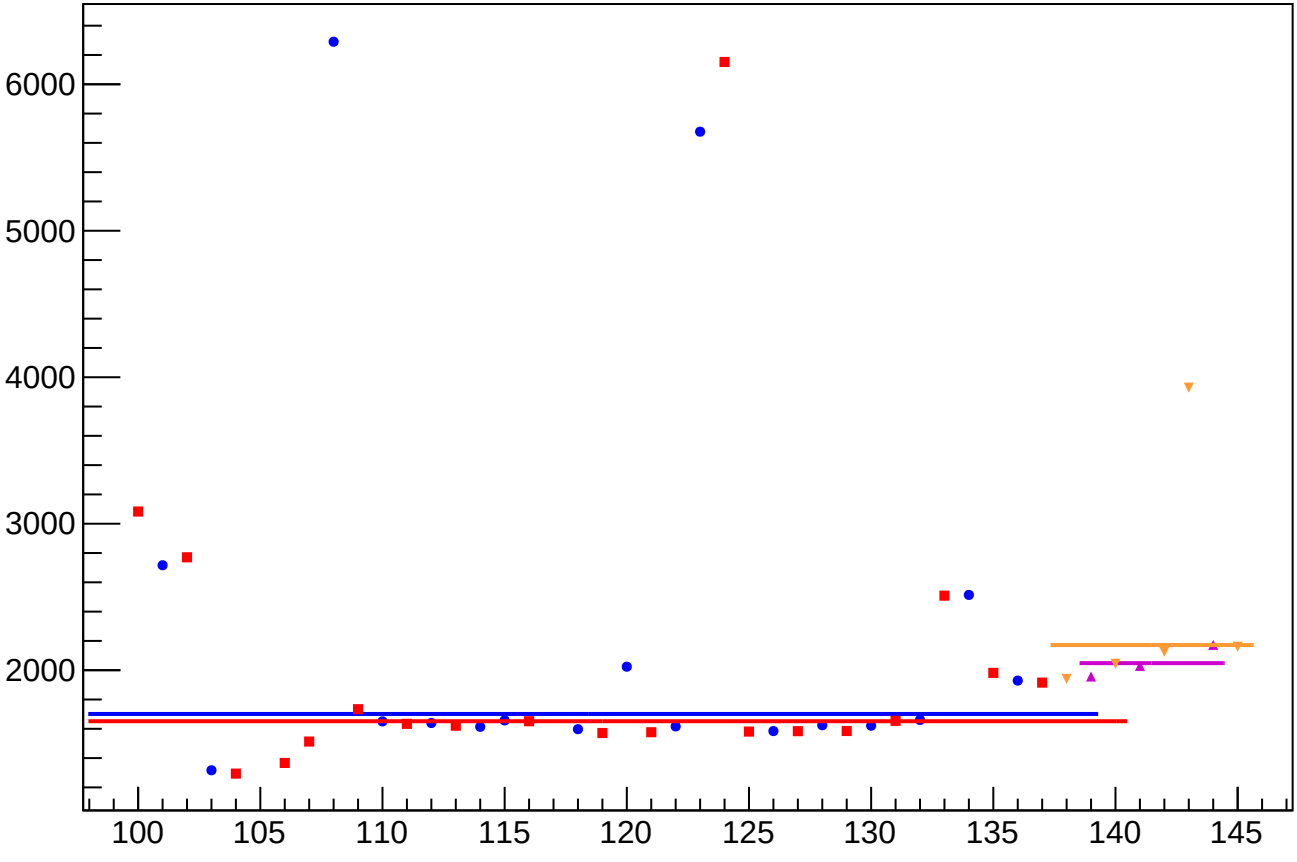
Left In: 55.480+/-1297.847 χ^2/NDF:5.0/2

+ sign -356.226+/-591.908 χ^2/NDF: 24.0/21

All: -168.025+/-411.980 χ^2/NDF: 44.7/43

- sign 8.820+/-573.771 χ^2/NDF: 20.5/21

dit_asym_at2_dd_rms vs Slug



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

Left Out: 2171.780+/-0.854 χ^2/NDF:293063.2/4

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

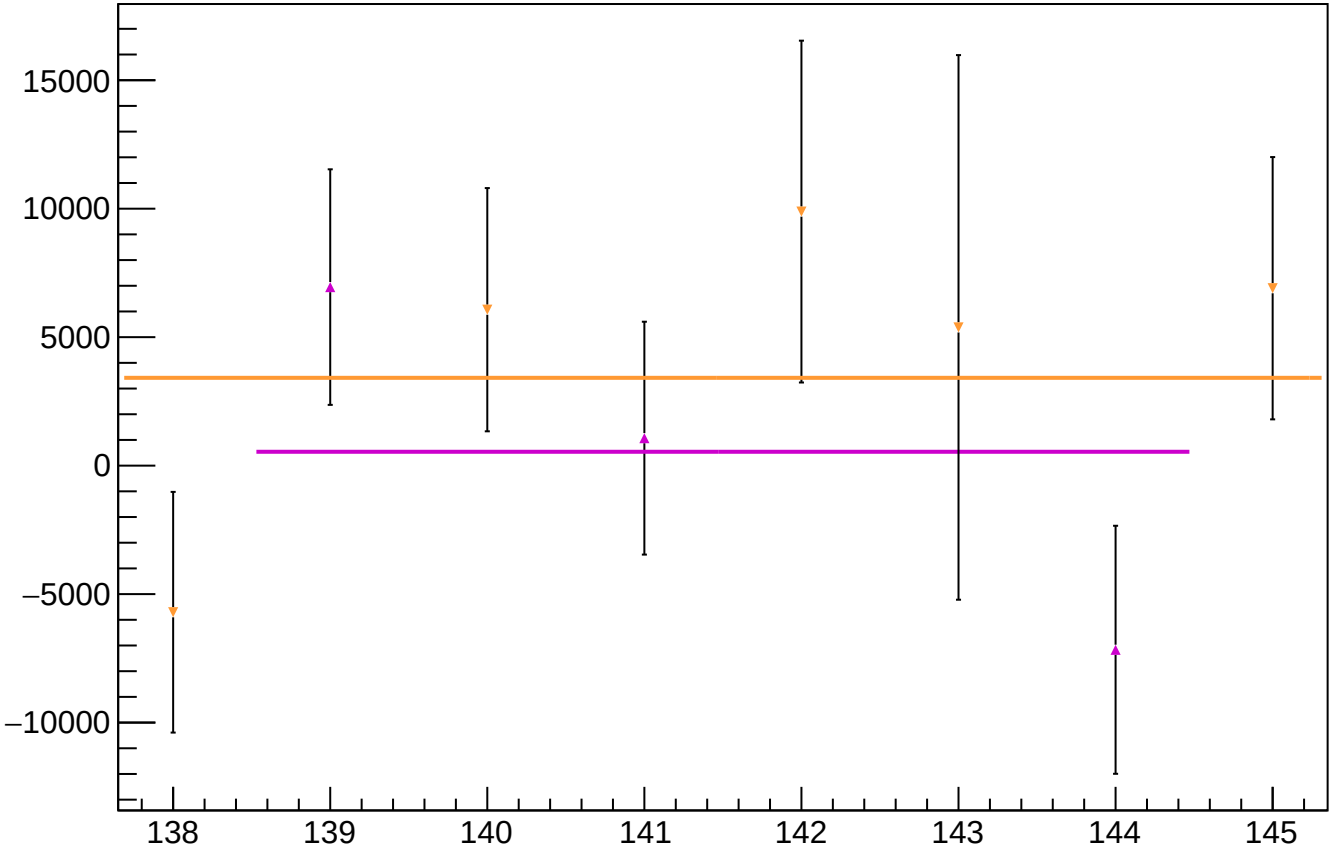
Left In: 2048.183+/-0.918 χ^2/NDF:9245.3/2

+ sign 1814.408+/-0.419 χ^2/NDF: 1302564.4/21

All: 1770.488+/-0.291 χ^2/NDF: 2072156.2/43

- sign 1729.219+/-0.406 χ^2/NDF: 748233.4/21

asym_at2_dd_correction_mean vs Slug



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

Left Out: 3417.552+/-2499.115 χ^2/NDF:5.6/4

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

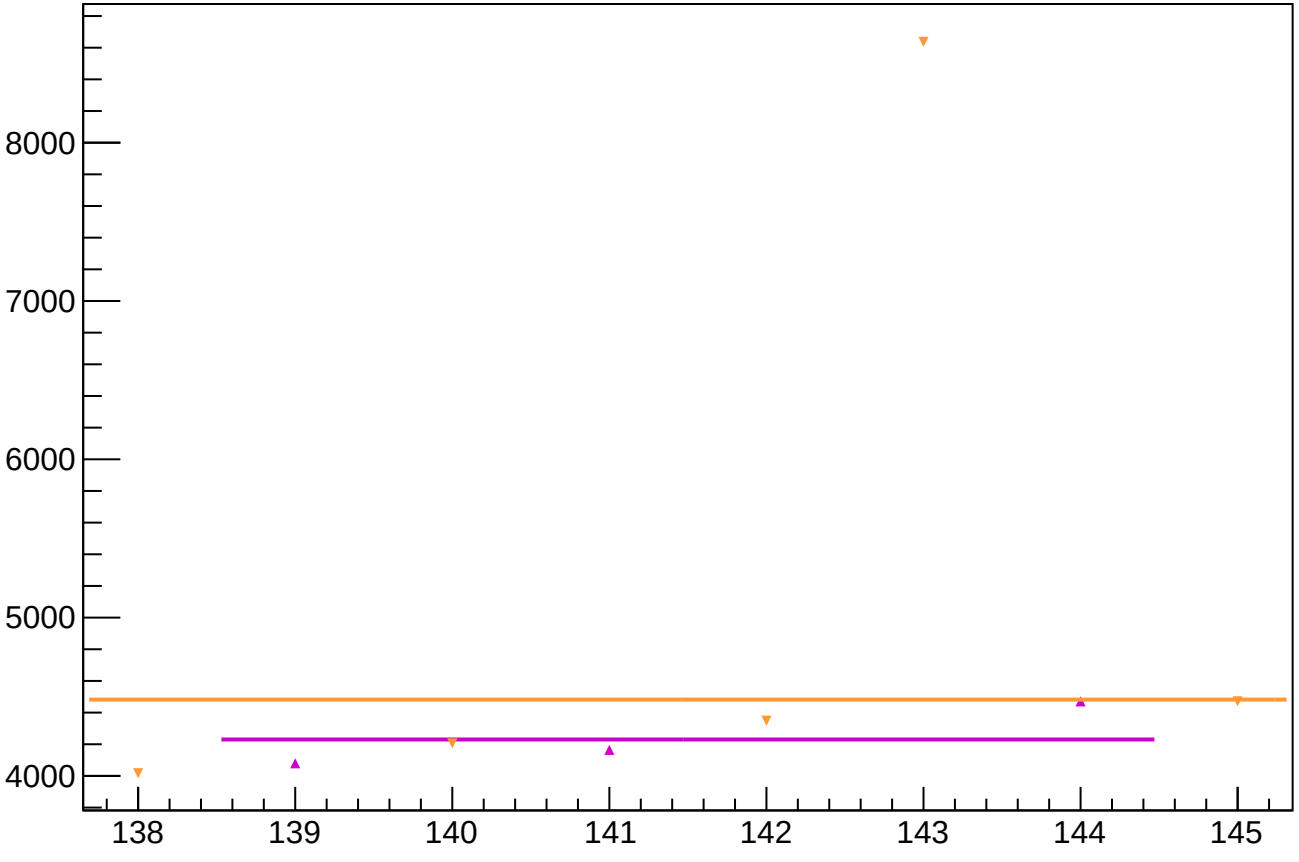
Left In: 539.556+/-2680.159 χ^2/NDF:4.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2079.032+/-1827.796 χ^2/NDF: 10.7/7

- 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: 4482.053+/-1.767 χ^2/NDF:334766.6/4

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

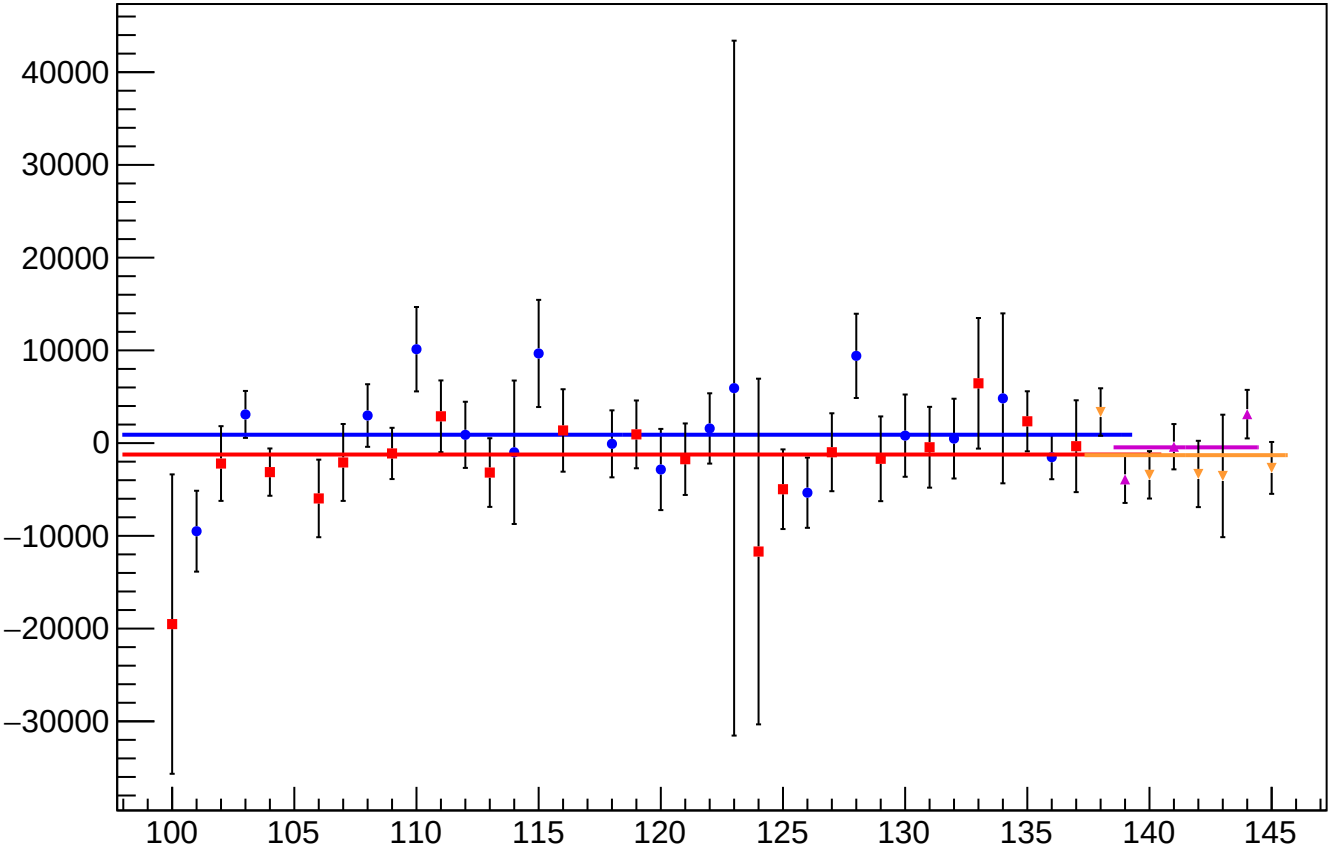
Left In: 4230.126+/-1.895 χ^2/NDF:7547.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4364.885+/-1.292 χ^2/NDF: 351766.1/7

- 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: -1299.499+/-1367.804 χ^2/NDF:4.7/4

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

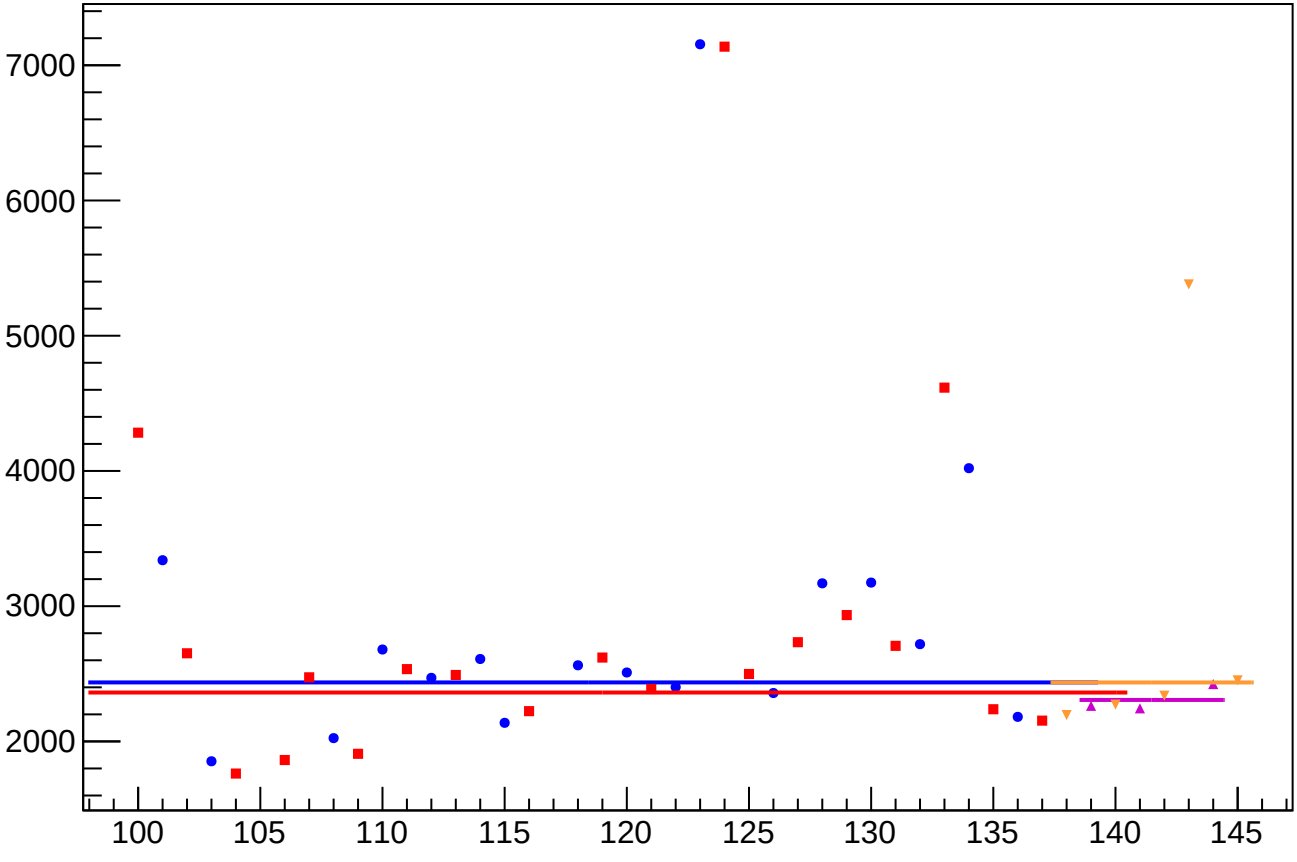
Left In: -455.735+/-1461.382 χ^2/NDF:3.7/2

+ sign 174.351+/-786.828 χ^2/NDF: 28.0/21

All: -421.386+/-554.516 χ^2/NDF: 42.0/43

- sign -1009.243+/-781.606 χ^2/NDF: 12.8/21

asym_at2_dd_rms vs Slug



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

Left Out: 2435.968+/-0.967 χ^2/NDF:424904.7/4

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

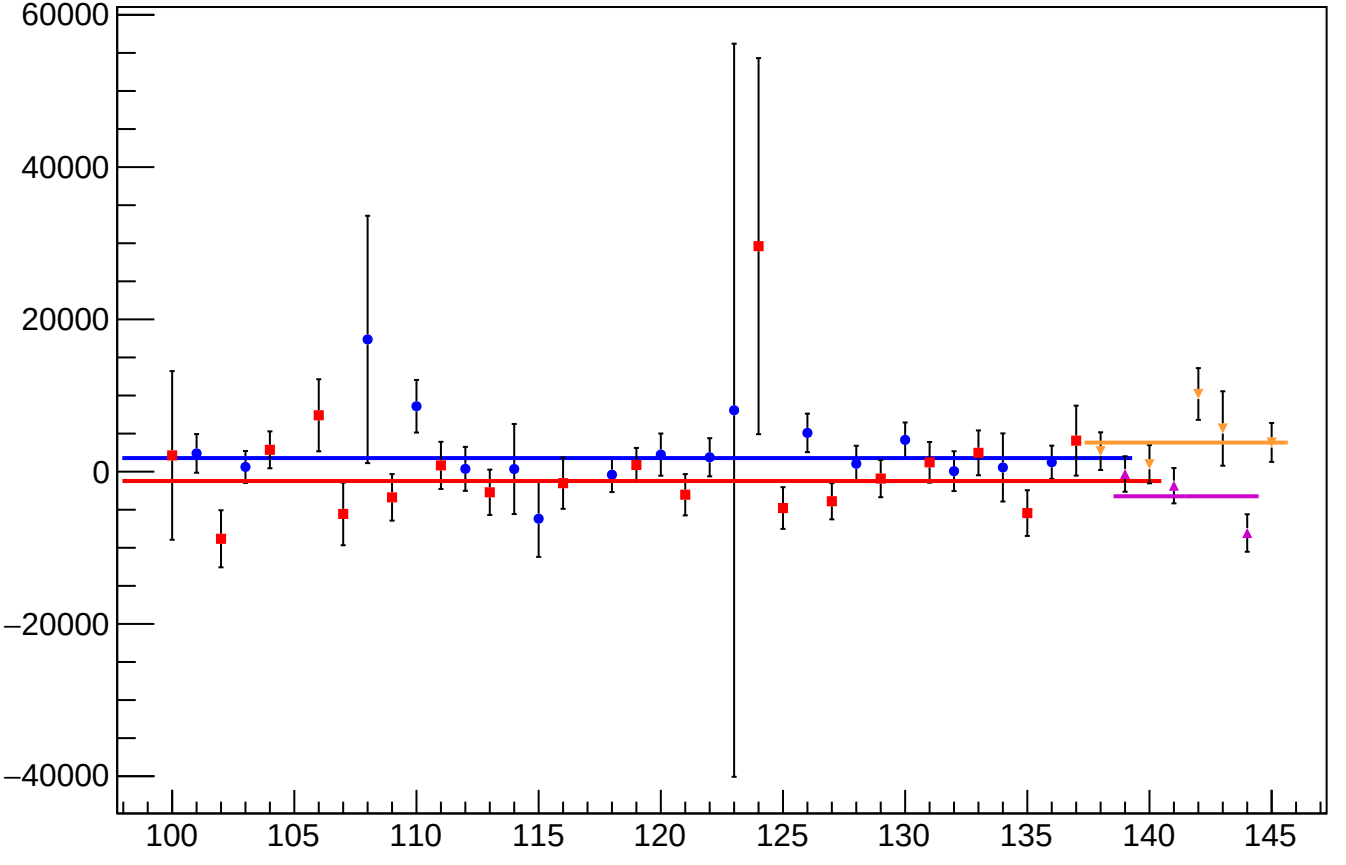
Left In: 2306.655+/-1.033 χ^2/NDF:5894.1/2

+ sign 2436.161+/-0.556 χ^2/NDF: 893457.1/21

All: 2390.706+/-0.392 χ^2/NDF: 1570473.5/43

- sign 2345.853+/-0.553 χ^2/NDF: 663755.4/21

dit_asym_atl_avg_mean vs Slug



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

Left Out: 3818.473+/-1288.256 χ^2/NDF:5.2/4

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

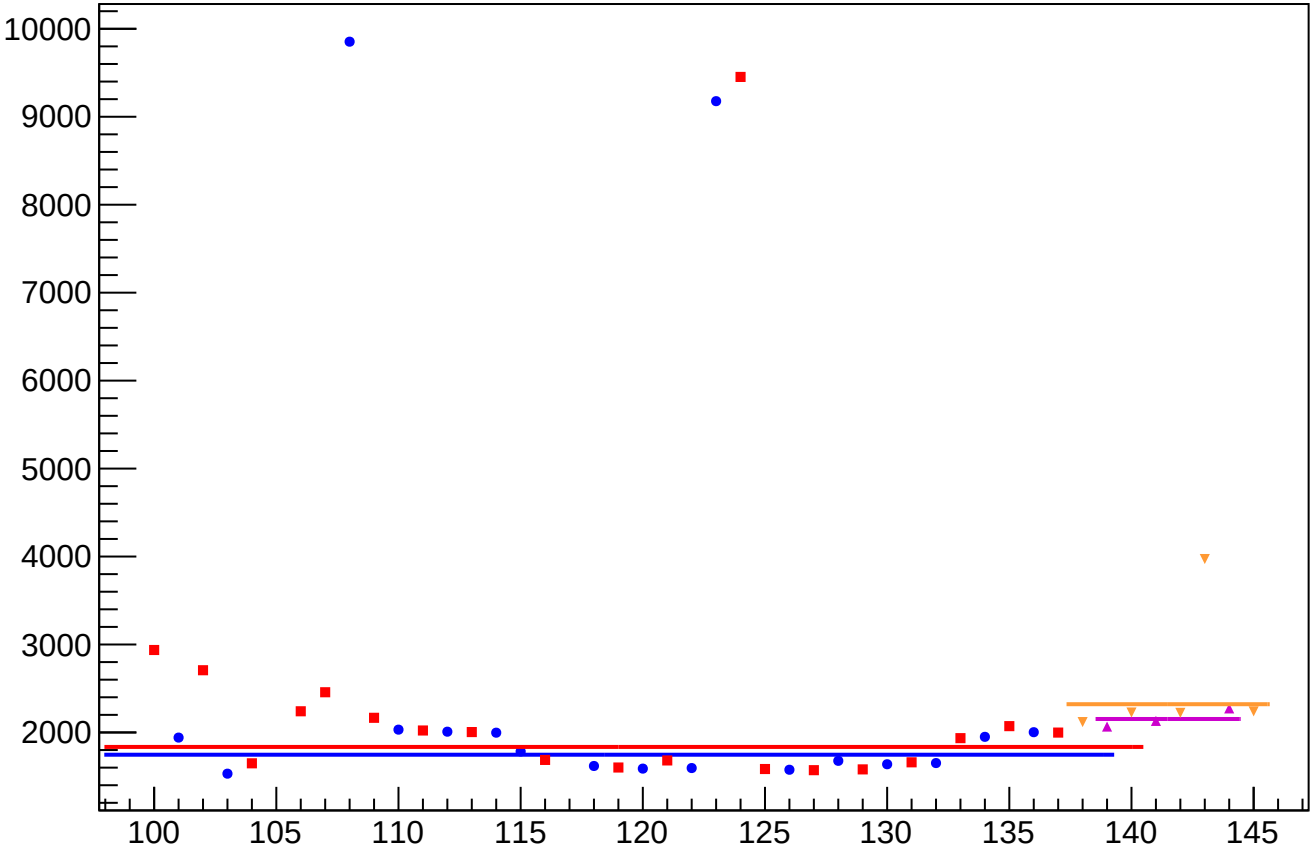
Left In: -3233.670+/-1366.857 χ^2/NDF:5.8/2

+ sign 2241.649+/-611.258 χ^2/NDF: 19.5/21

All: 349.101+/-438.285 χ^2/NDF: 70.9/43

- sign -1653.441+/-628.770 χ^2/NDF: 31.7/21

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2321.193+/-0.911 χ^2/NDF:247904.9/4

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

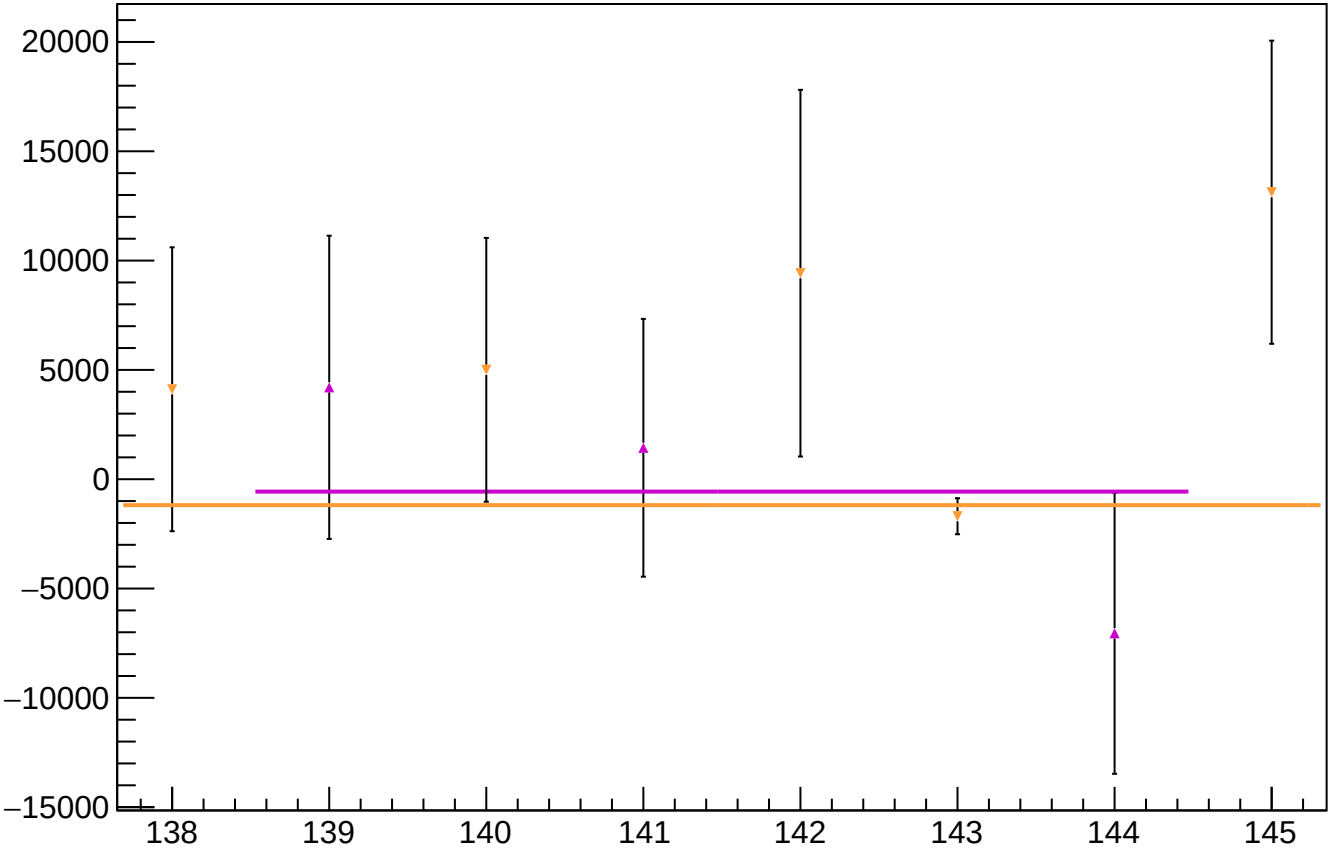
Left In: 2153.136+/-0.967 χ^2/NDF:7697.0/2

+ sign 1876.145+/-0.432 χ^2/NDF: 1238435.0/21

All: 1888.972+/-0.310 χ^2/NDF: 1883585.4/43

- sign 1902.520+/-0.444 χ^2/NDF: 643339.3/21

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1186.602+/-801.181 χ^2/NDF:8.0/4

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

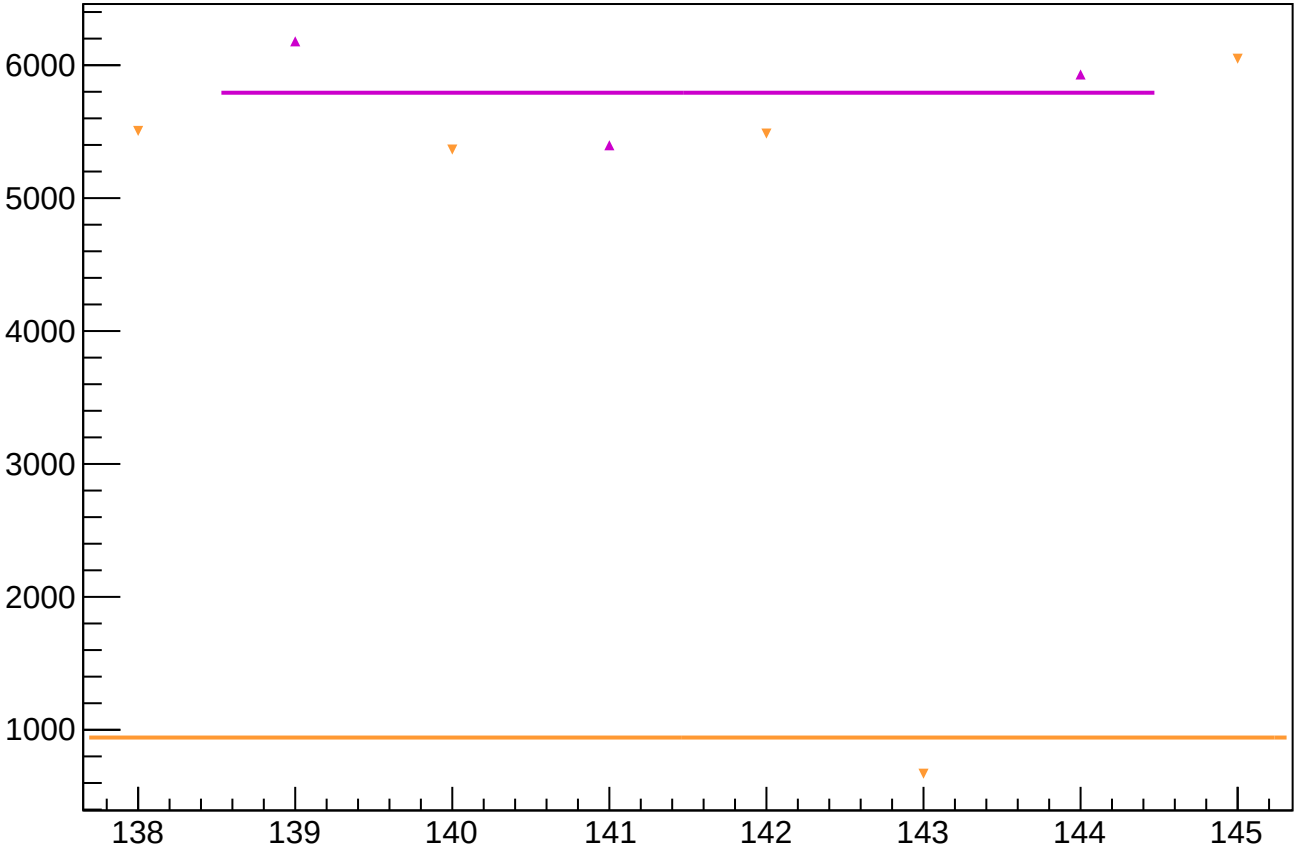
Left In: -565.870+/-3681.959 χ^2/NDF:1.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1158.540+/-782.862 χ^2/NDF: 9.6/7

- 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: 941.917+/-0.567 χ^2/NDF:3953057.0/4

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

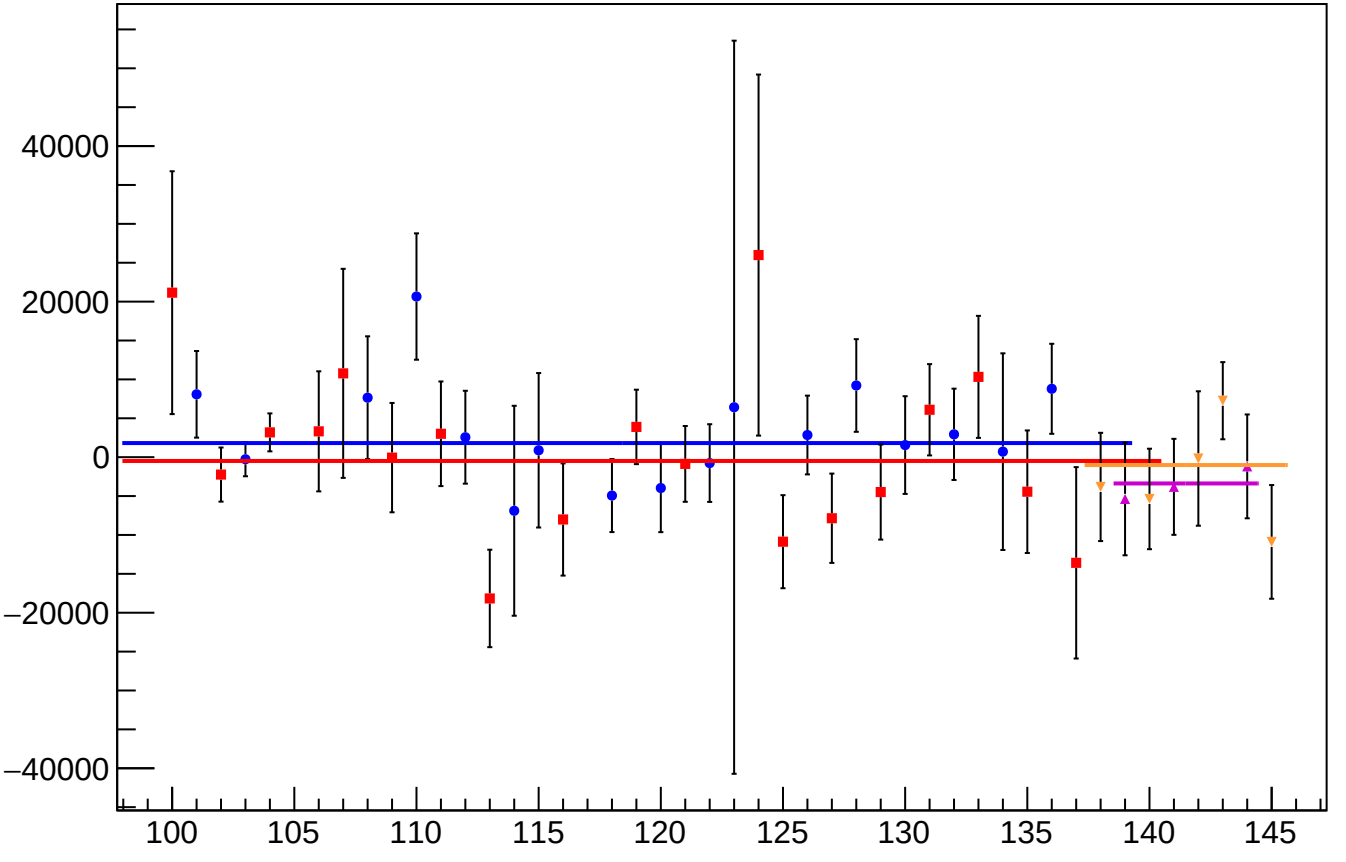
Left In: 5792.801+/-2.604 χ^2/NDF:16117.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1161.214+/-0.554 χ^2/NDF: 7283710.9/7

- 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: -1011.840+/-2919.228 χ^2/NDF:5.2/4

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

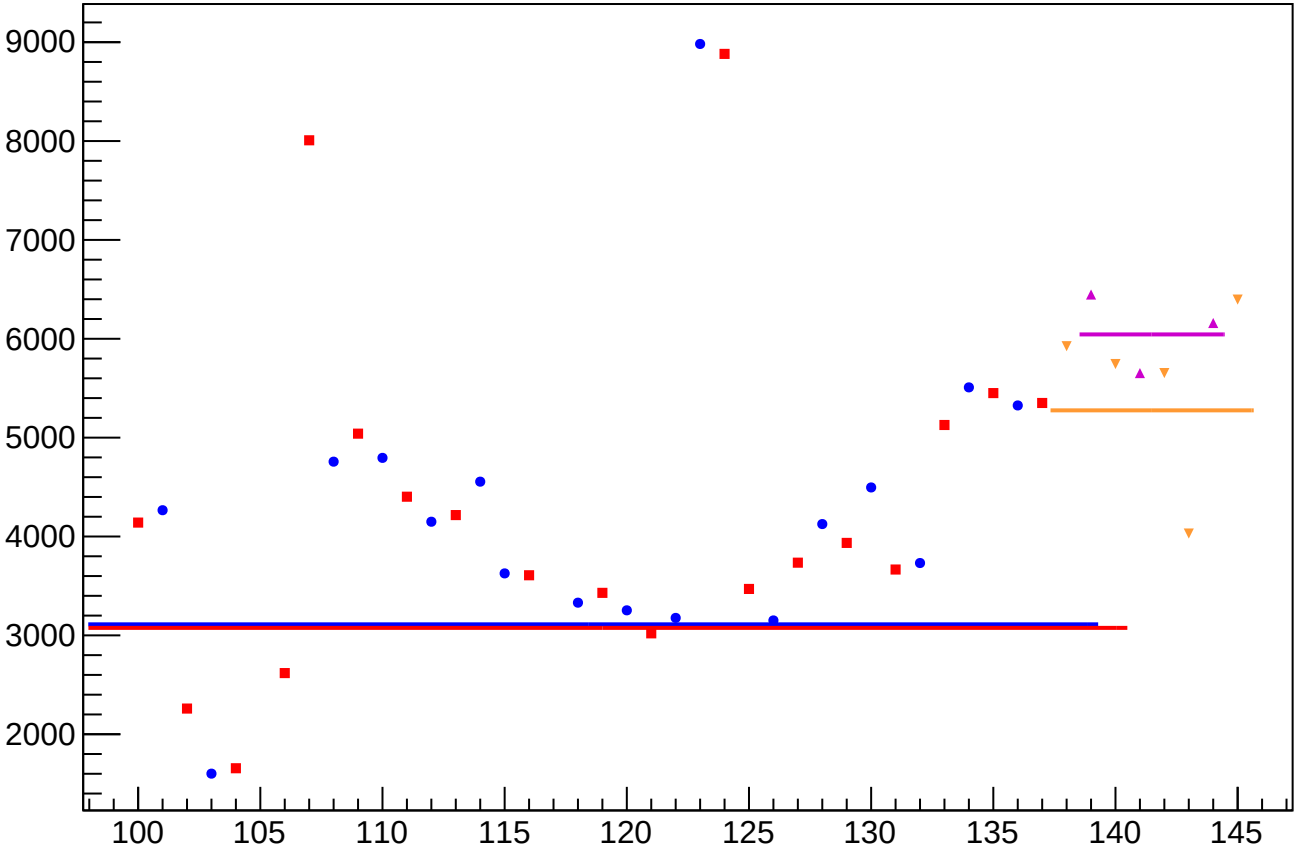
Left In: -3379.508+/-3842.914 χ^2/NDF:0.2/2

+ sign 1345.778+/-1188.567 χ^2/NDF: 21.0/21

All: 310.488+/-851.200 χ^2/NDF: 49.8/43

- sign -779.550+/-1219.590 χ^2/NDF: 27.2/21

asym_atl_avg_rms vs Slug



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

Left Out: 5275.996+/-2.064 χ^2/NDF:204869.2/4

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

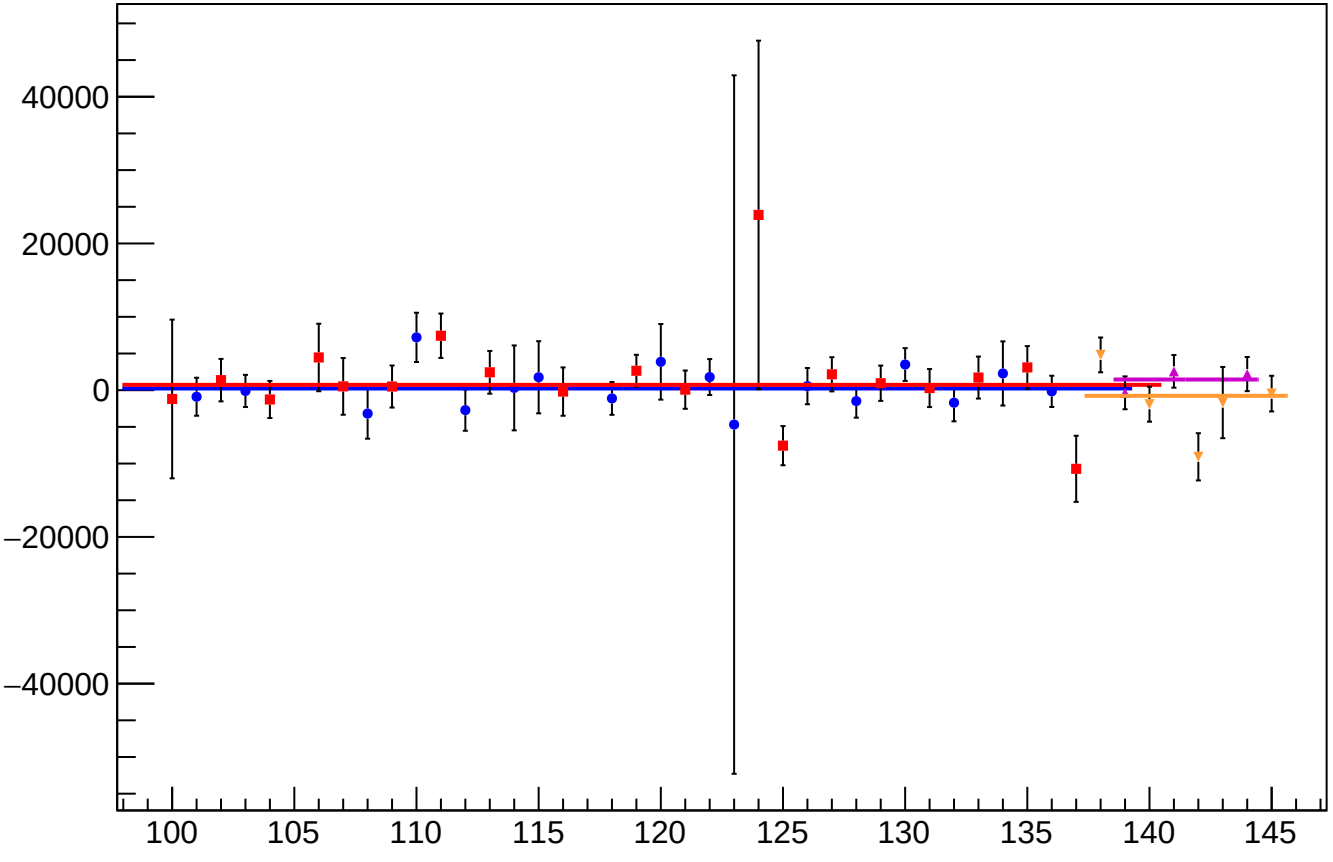
Left In: 6044.111+/-2.717 χ^2/NDF:14830.2/2

+ sign 3470.360+/-0.840 χ^2/NDF: 3001070.8/21

All: 3419.340+/-0.598 χ^2/NDF: 6109096.7/43

- sign 3367.013+/-0.851 χ^2/NDF: 3100561.0/21

dit_asym_atl_dd_mean vs Slug



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

Left Out: -765.960+/-1228.804 χ^2/NDF:12.5/4

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

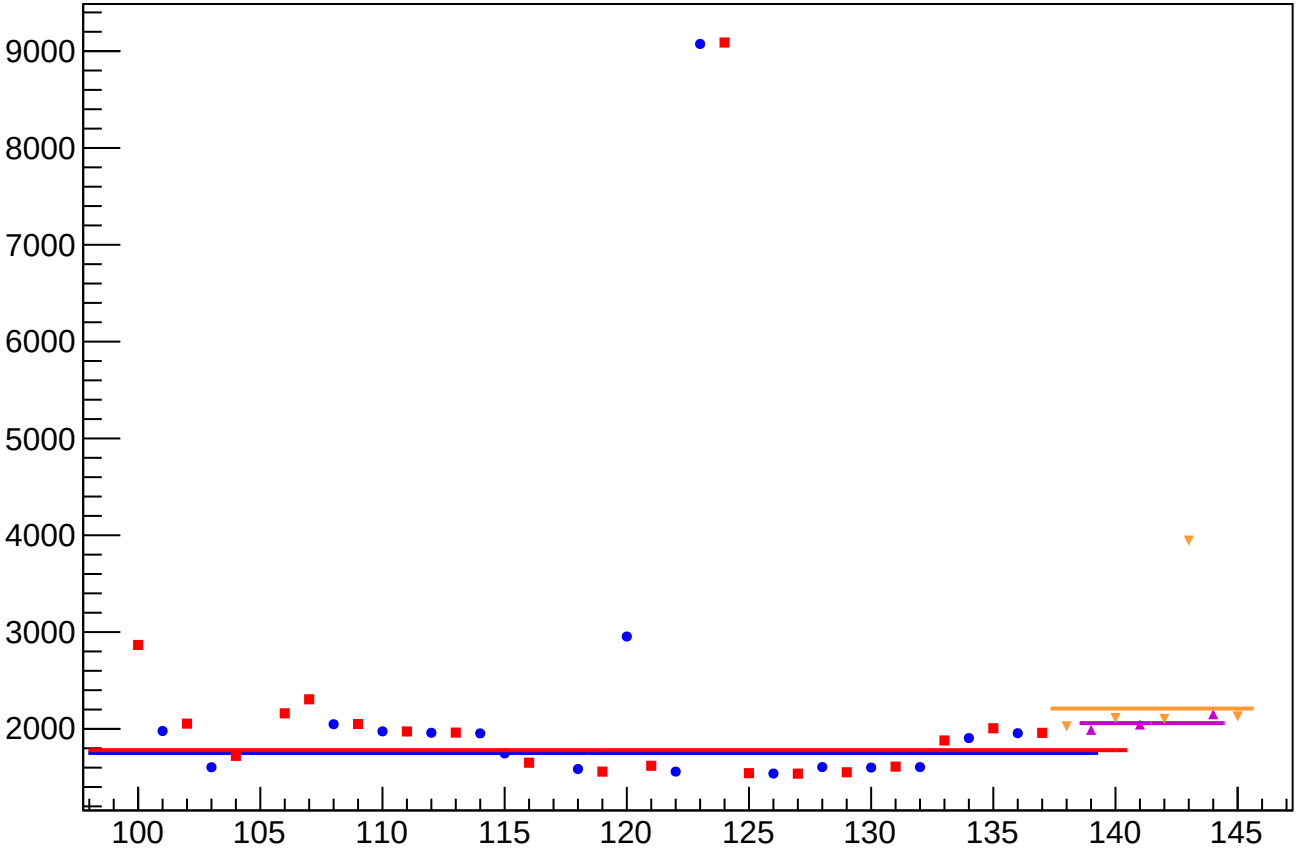
Left In: 1455.410+/-1306.774 χ^2/NDF:1.0/2

+ sign -5.291+/-599.504 χ^2/NDF: 24.5/21

All: 434.005+/-426.235 χ^2/NDF: 52.7/43

- sign 883.059+/-606.126 χ^2/NDF: 27.1/21

dit_asym_atl_dd_rms vs Slug



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

Left Out: 2210.073+/-0.869 χ^2/NDF:274796.2/4

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

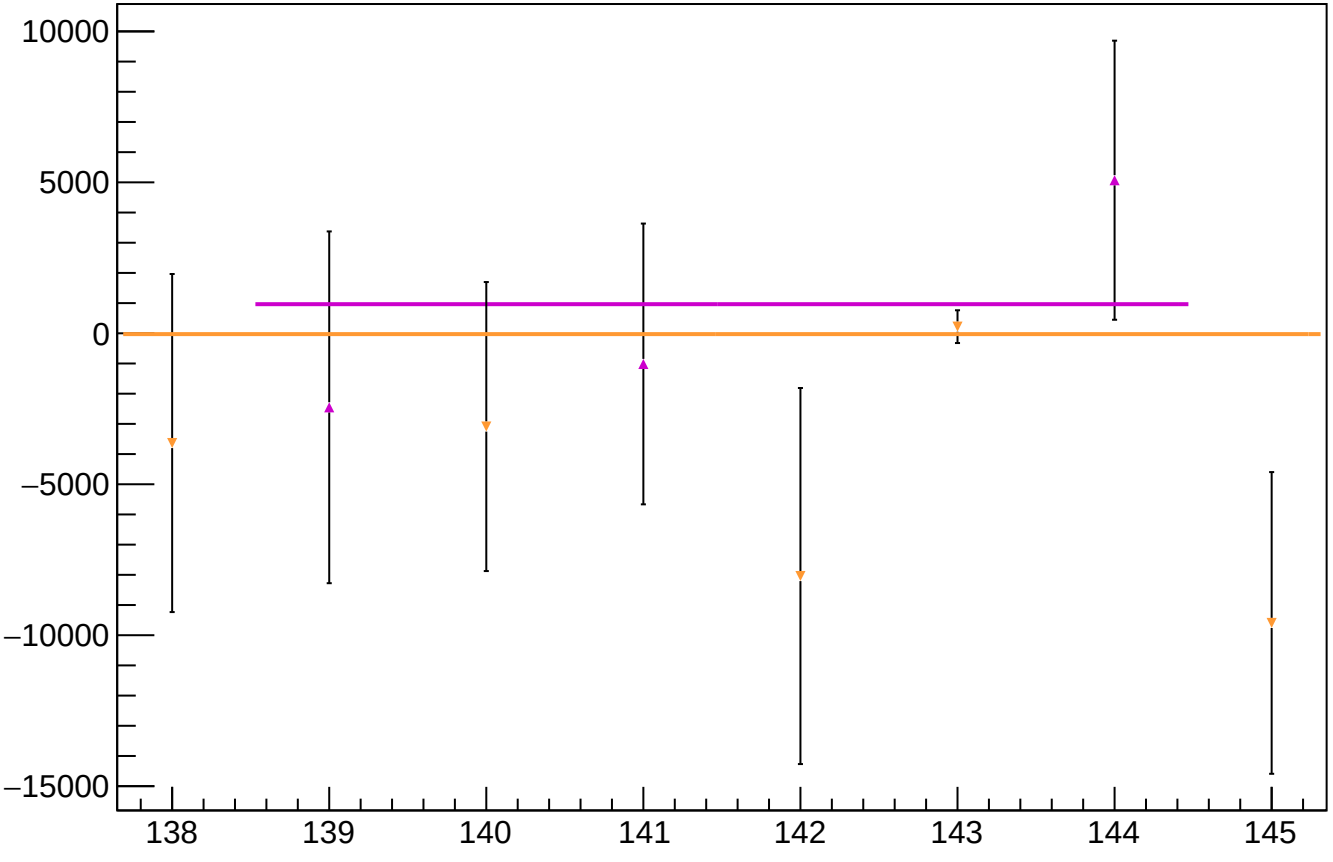
Left In: 2060.052+/-0.924 χ^2/NDF:5131.1/2

+ sign 1860.918+/-0.424 χ^2/NDF: 787608.9/21

All: 1850.692+/-0.301 χ^2/NDF: 1294278.2/43

- sign 1840.265+/-0.428 χ^2/NDF: 505494.0/21

asym_atl_dd_correction_mean vs Slug



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

Left Out: -26.808+/-531.953 χ^2/NDF:6.4/4

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

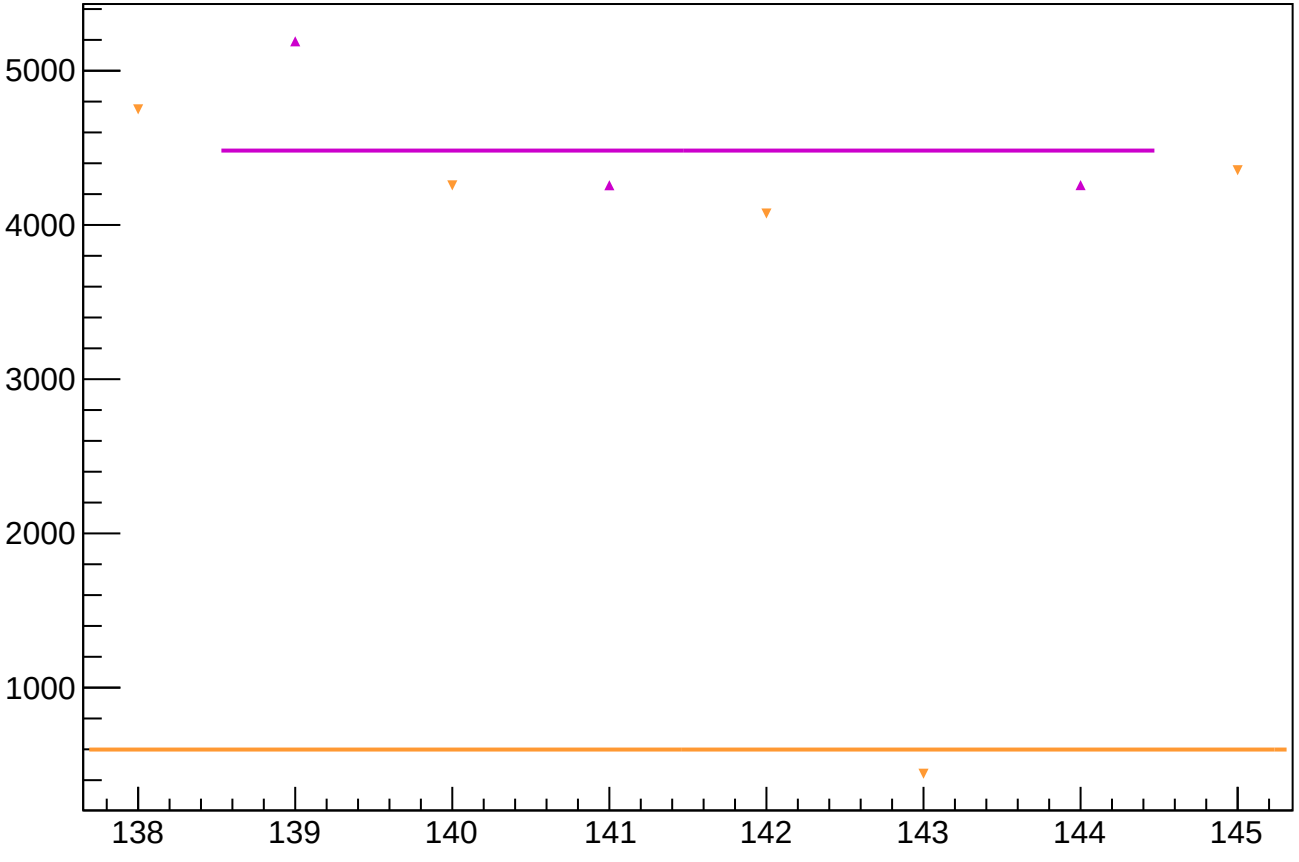
Left In: 964.589+/-2856.901 χ^2/NDF:1.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.412+/-522.965 χ^2/NDF: 7.8/7

- 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: 598.556+/-0.376 χ^2/NDF:4187547.7/4

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

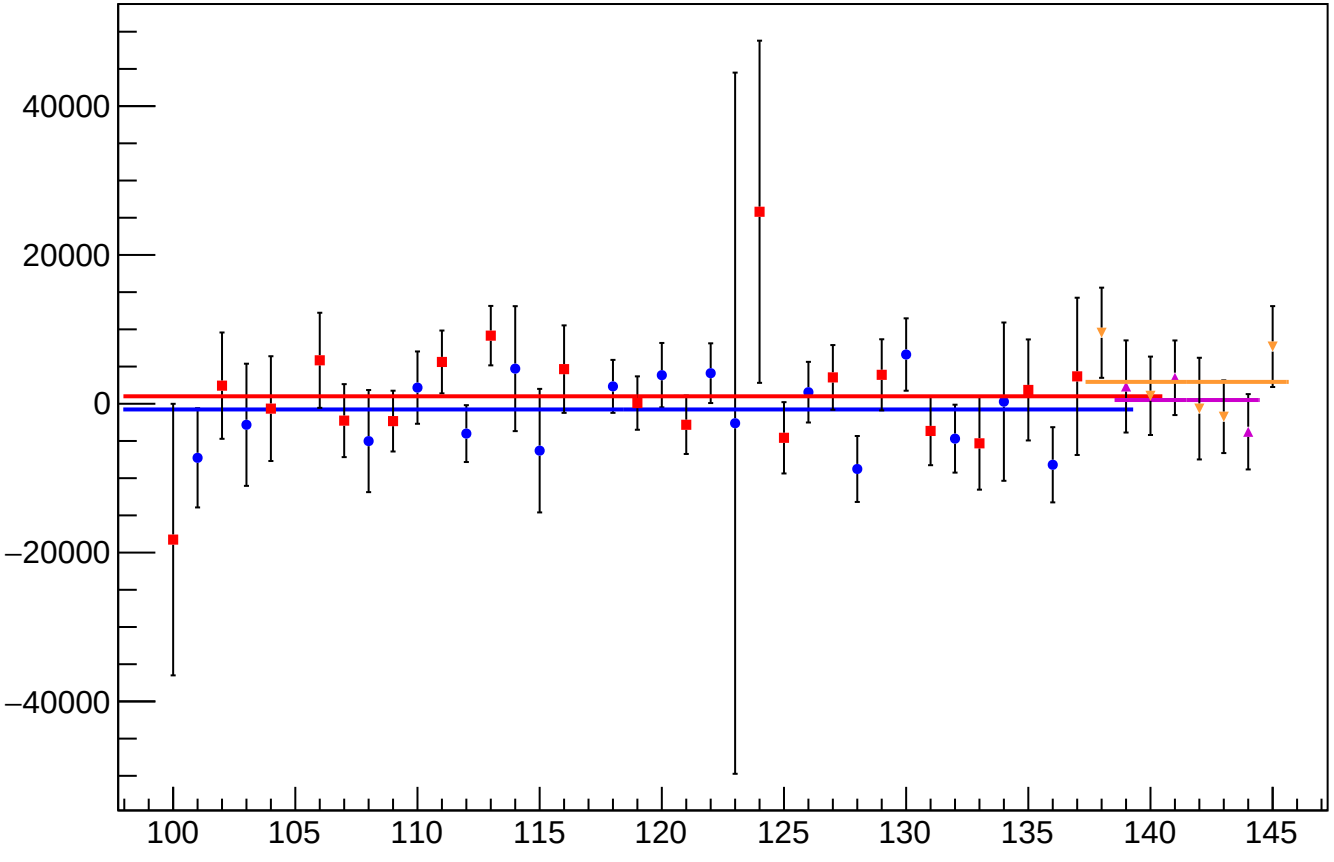
Left In: 4482.359+/-2.020 χ^2/NDF:38946.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 728.696+/-0.370 χ^2/NDF: 7798829.0/7

- 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: 2940.329+/-2496.528 χ^2/NDF:3.3/4

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

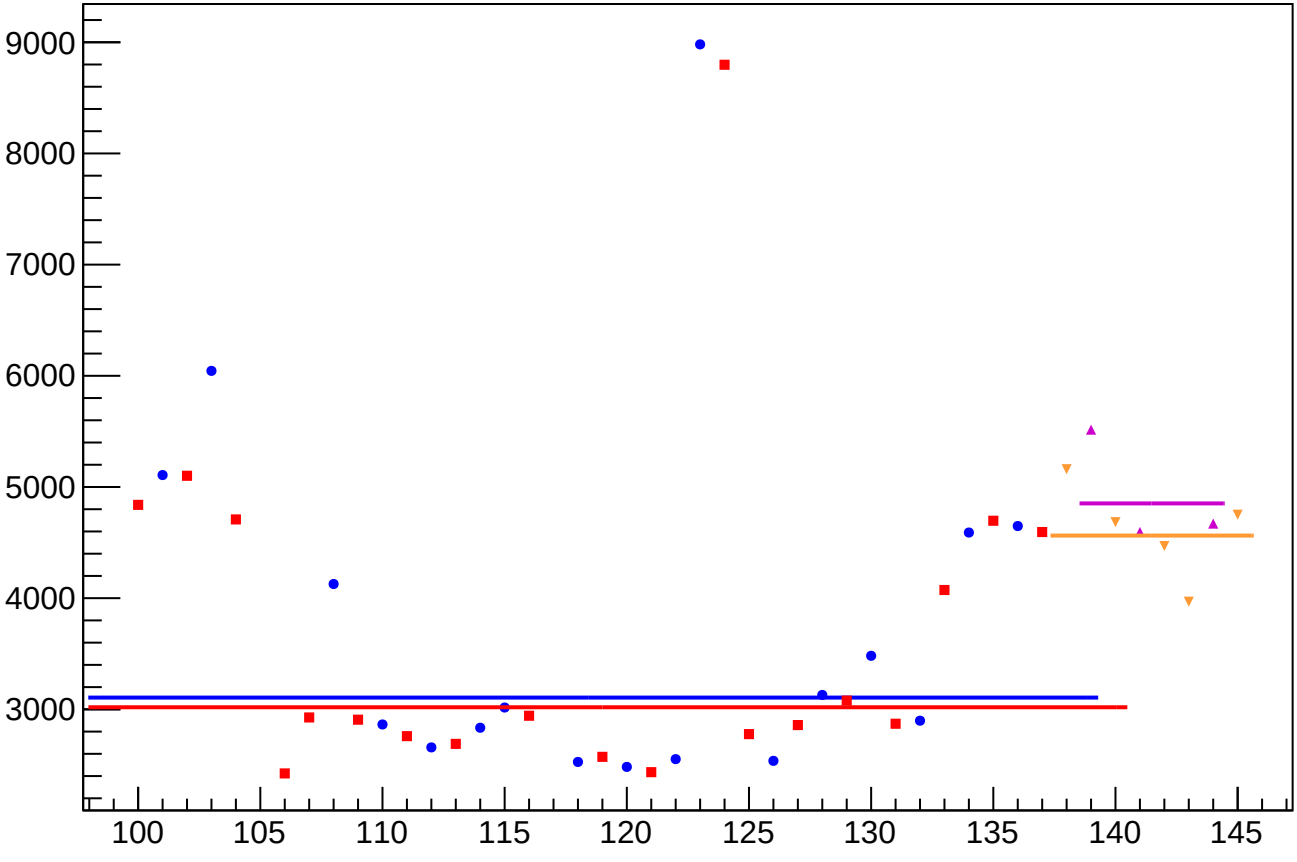
Left In: 503.974+/-3087.552 χ^2/NDF:1.2/2

+ sign -24.552+/-1116.080 χ^2/NDF: 20.6/21

All: 459.755+/-787.488 χ^2/NDF: 37.1/43

- sign 939.912+/-1111.289 χ^2/NDF: 16.2/21

asym_atl_dd_rms vs Slug



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

Left Out: 4563.026+/-1.765 χ^2/NDF:52883.0/4

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

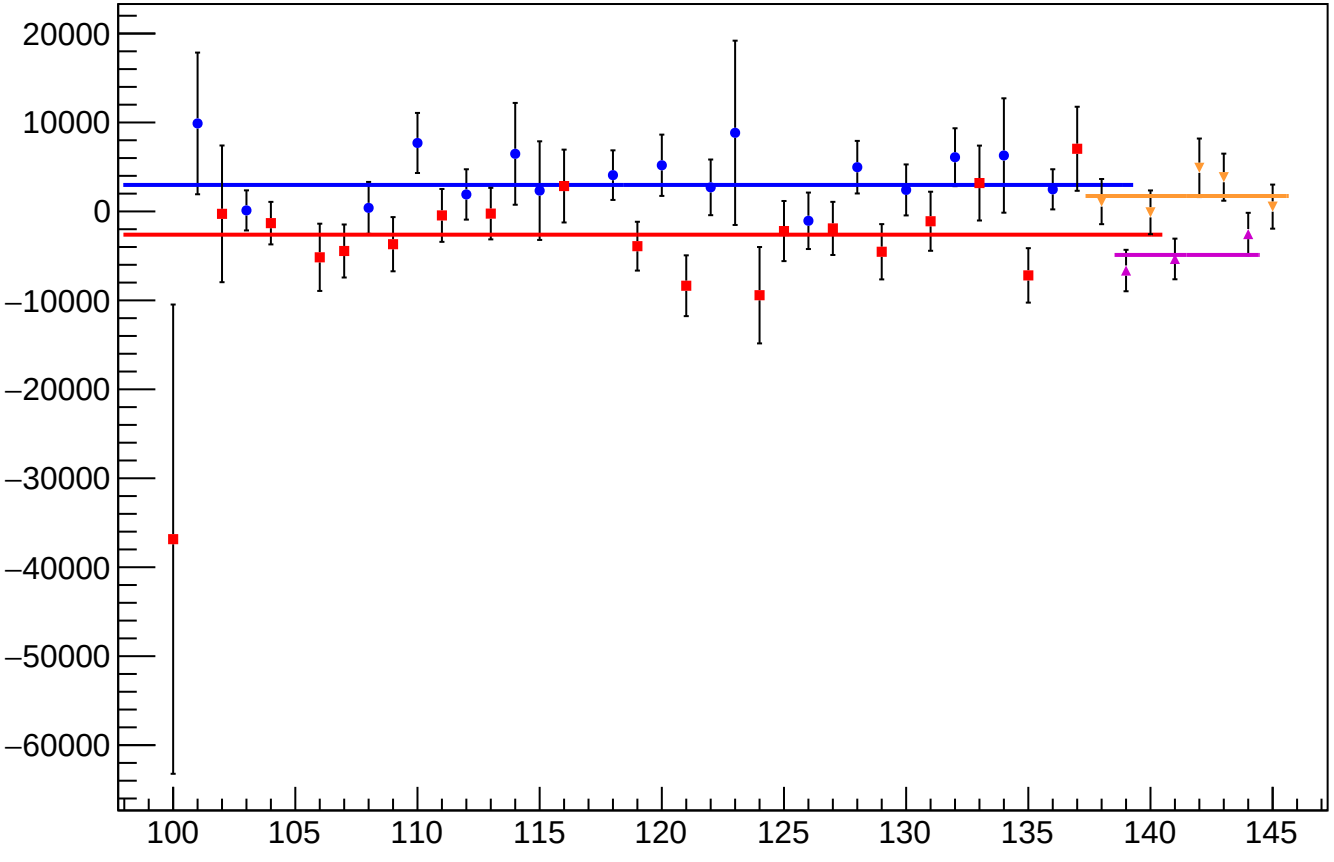
Left In: 4852.283+/-2.183 χ^2/NDF:30783.6/2

+ sign 3397.073+/-0.789 χ^2/NDF: 1557902.4/21

All: 3323.011+/-0.554 χ^2/NDF: 3016203.4/43

- sign 3251.170+/-0.777 χ^2/NDF: 1440950.9/21

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1734.279+/-1179.735 χ^2/NDF:2.4/4

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

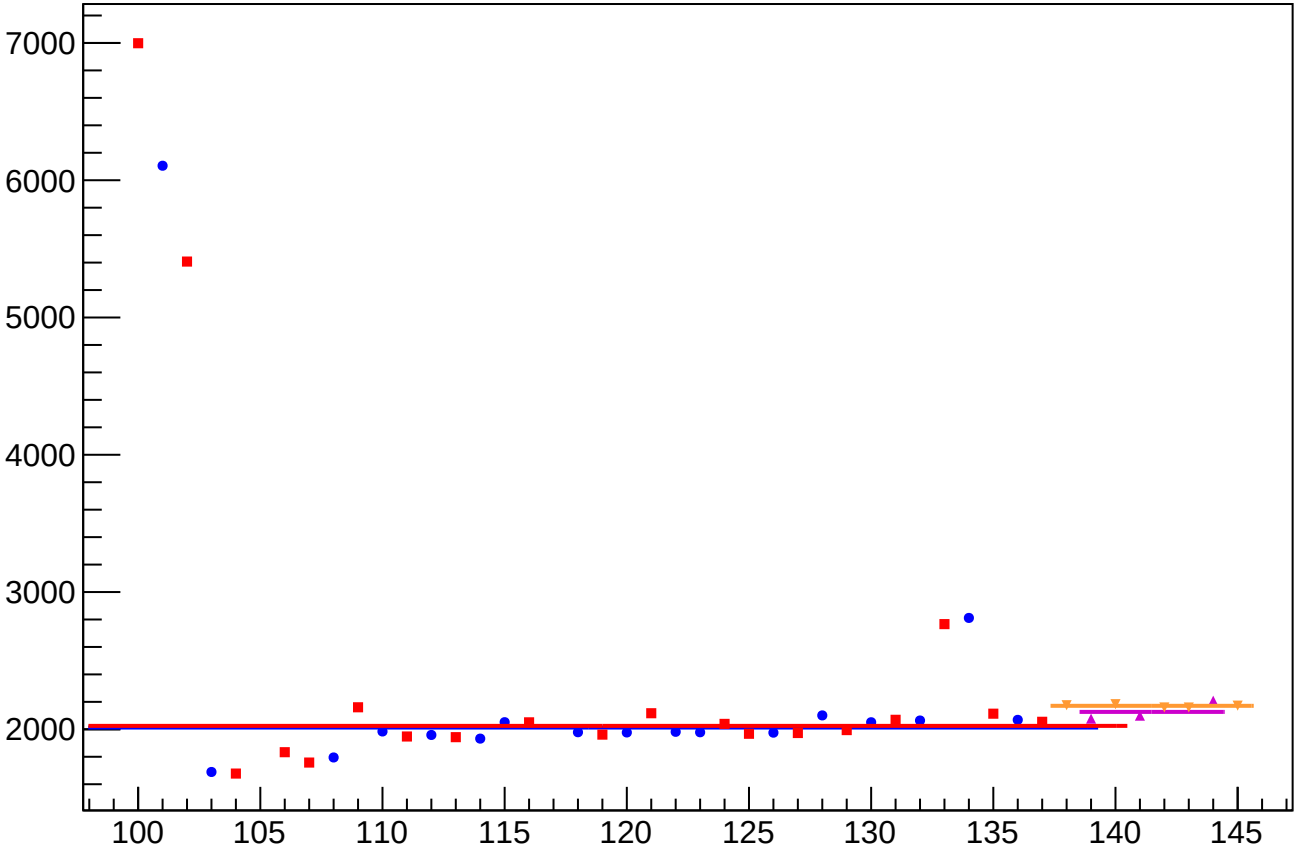
Left In: -4891.220+/-1347.114 χ^2/NDF:1.6/2

+ sign 2589.629+/-659.504 χ^2/NDF: 13.0/21

All: -223.728+/-472.438 χ^2/NDF: 73.7/43

- sign -3189.223+/-677.101 χ^2/NDF: 23.3/21

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2171.168+/-0.834 χ^2/NDF:121.9/4

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

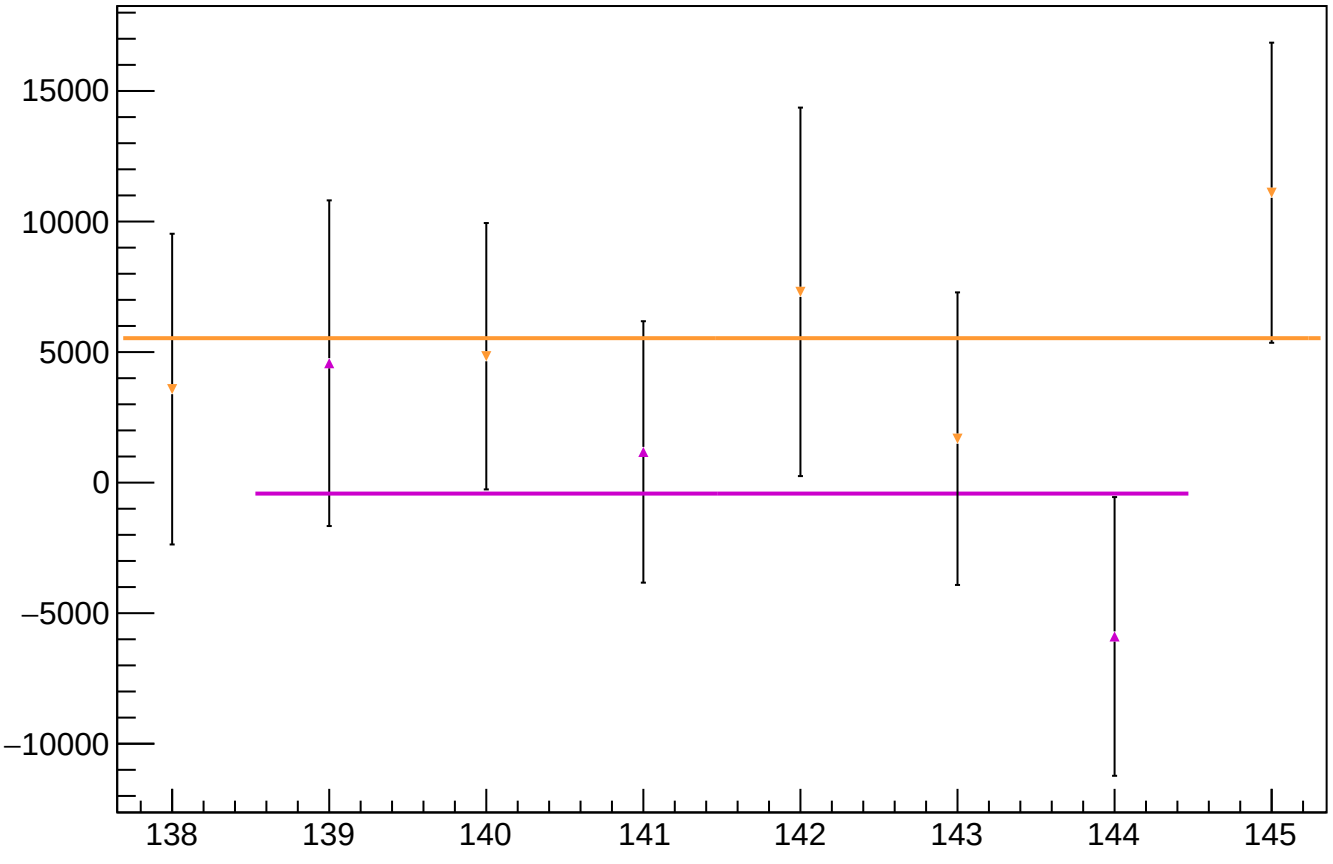
Left In: 2126.820+/-0.953 χ^2/NDF:3512.9/2

+ sign 2062.391+/-0.466 χ^2/NDF: 642561.5/21

All: 2056.729+/-0.334 χ^2/NDF: 1252328.8/43

- sign 2050.763+/-0.479 χ^2/NDF: 609464.5/21

asym_atr_avg_correction_mean vs Slug



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

Left Out: 5532.659+/-2591.622 χ^2/NDF:1.6/4

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

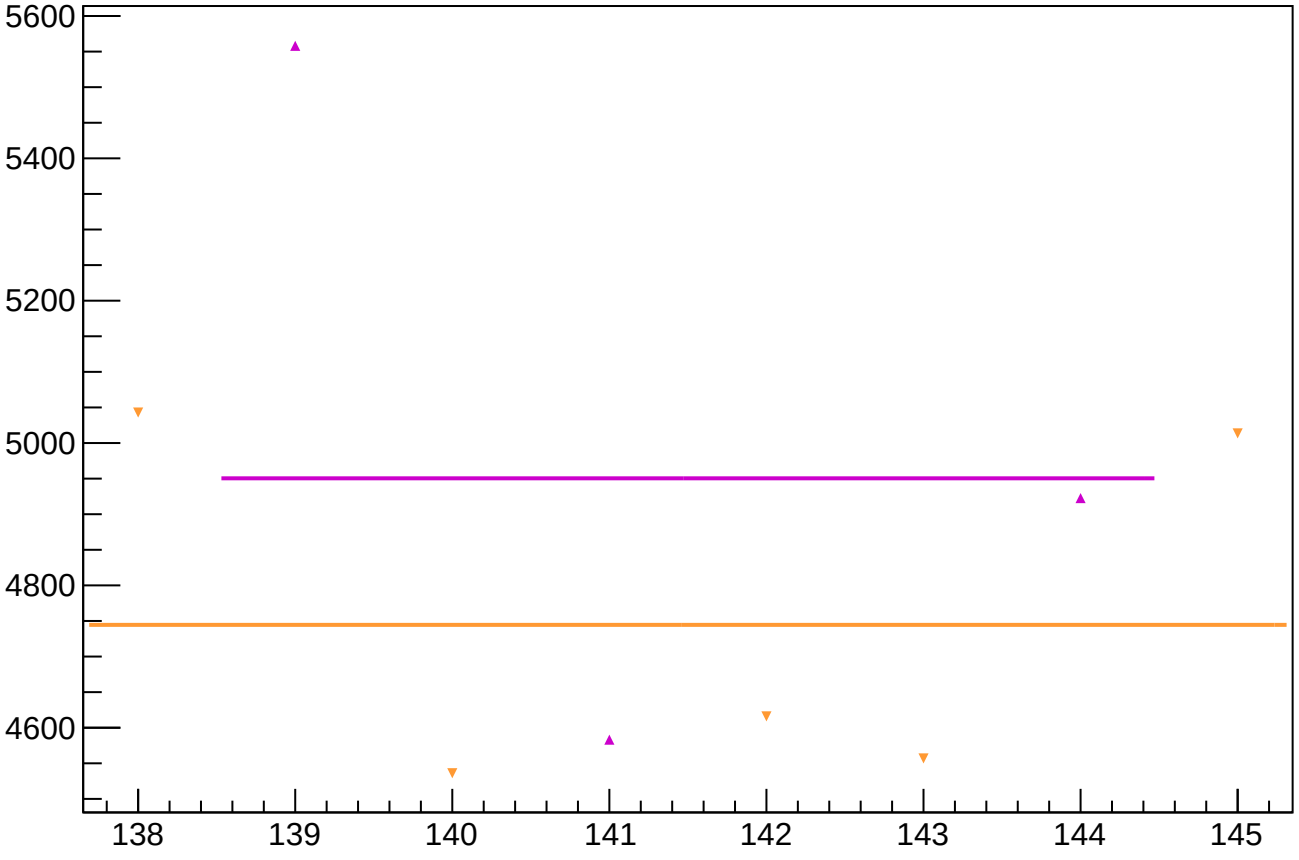
Left In: -419.668+/-3151.181 χ^2/NDF:1.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3131.015+/-2001.632 χ^2/NDF: 5.5/7

- 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: 4744.524+/-1.833 χ^2/NDF:15656.9/4

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

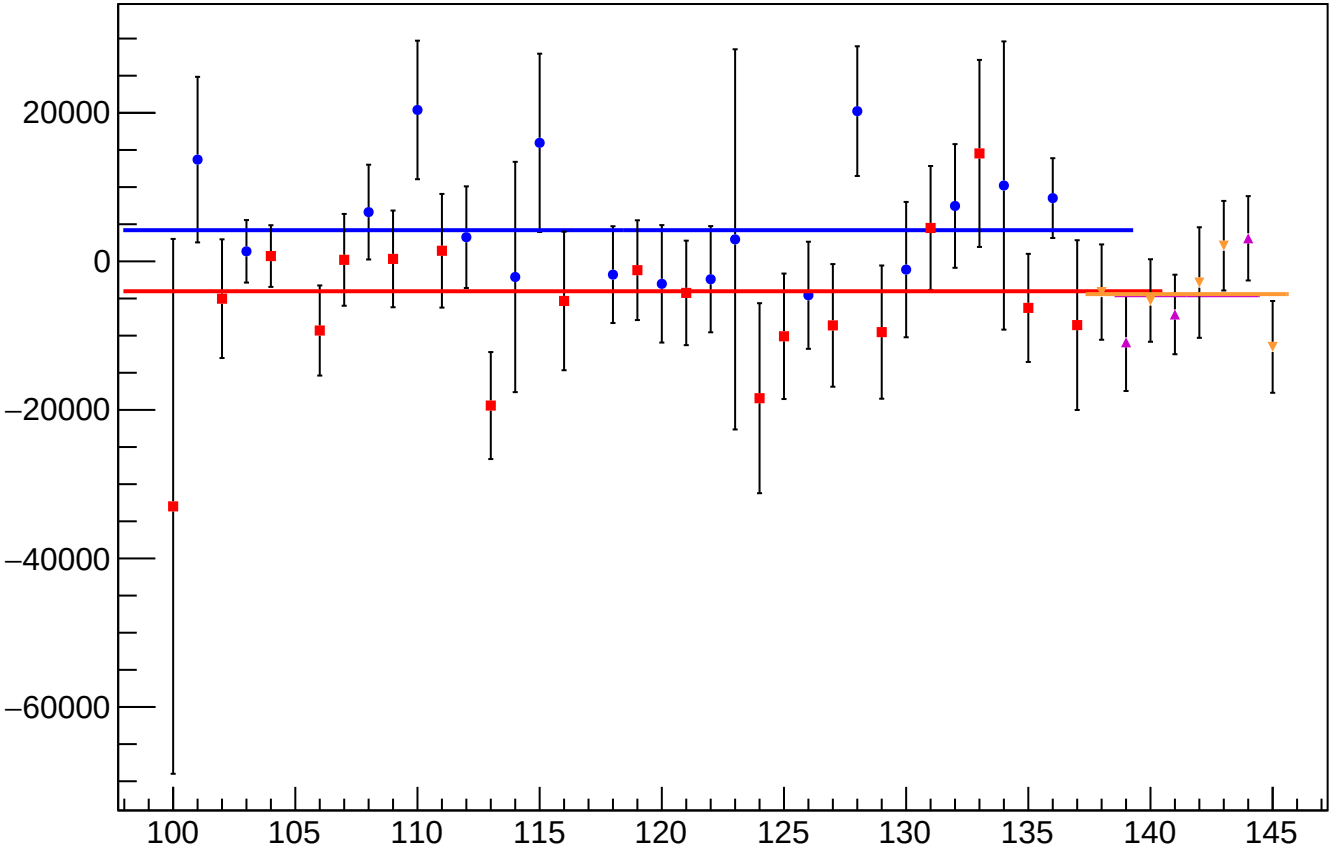
Left In: 4950.422+/-2.228 χ^2/NDF:29801.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4827.600+/-1.415 χ^2/NDF: 50551.4/7

- 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: -4409.436+/-2790.382 χ^2/NDF:2.6/4

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

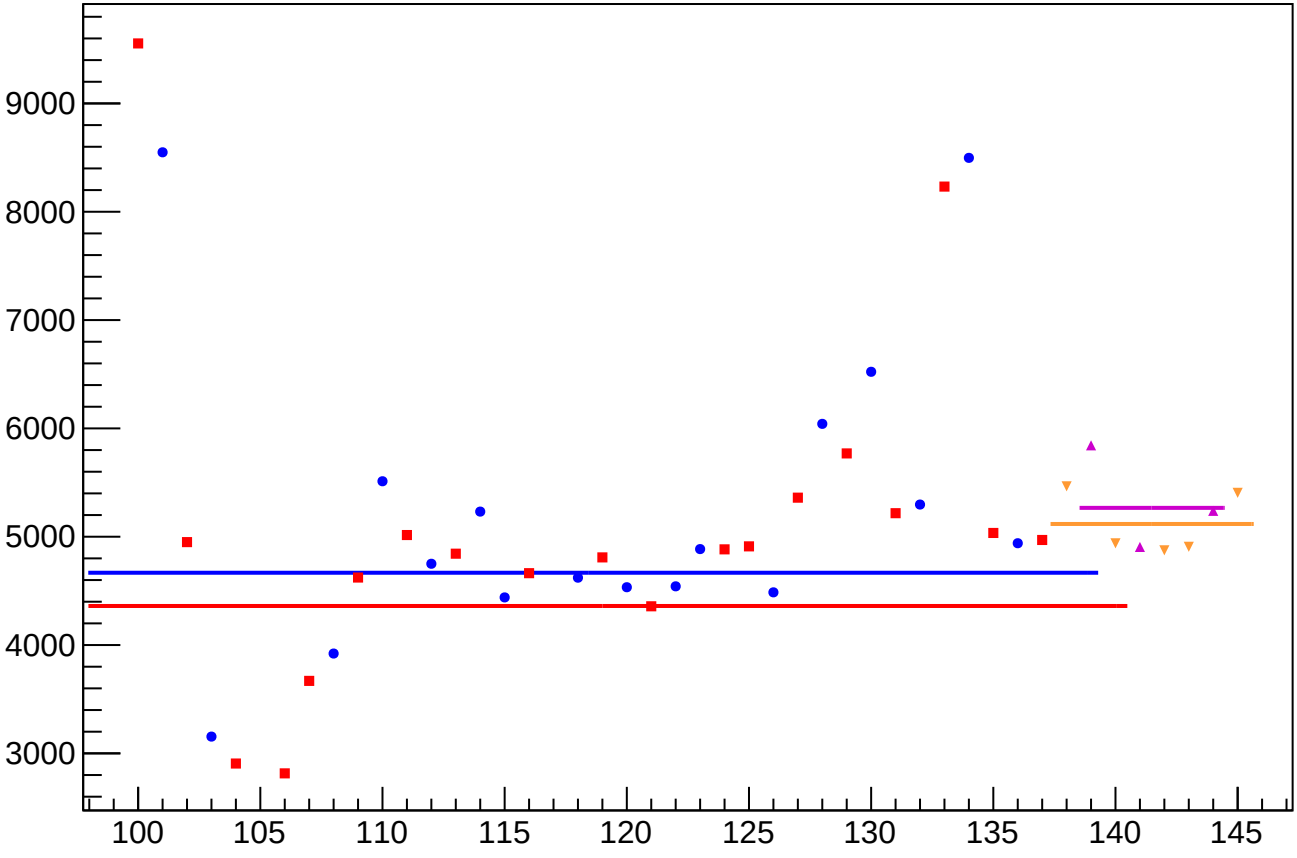
Left In: -4560.175+/-3349.152 χ^2/NDF:3.0/2

+ sign 1554.926+/-1546.412 χ^2/NDF: 23.3/21

All: -1314.168+/-1088.946 χ^2/NDF: 47.9/43

- sign -4136.184+/-1533.673 χ^2/NDF: 17.9/21

asym_atr_avg_rms vs Slug



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

Left Out: 5117.687+/-1.973 χ^2/NDF:16835.6/4

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

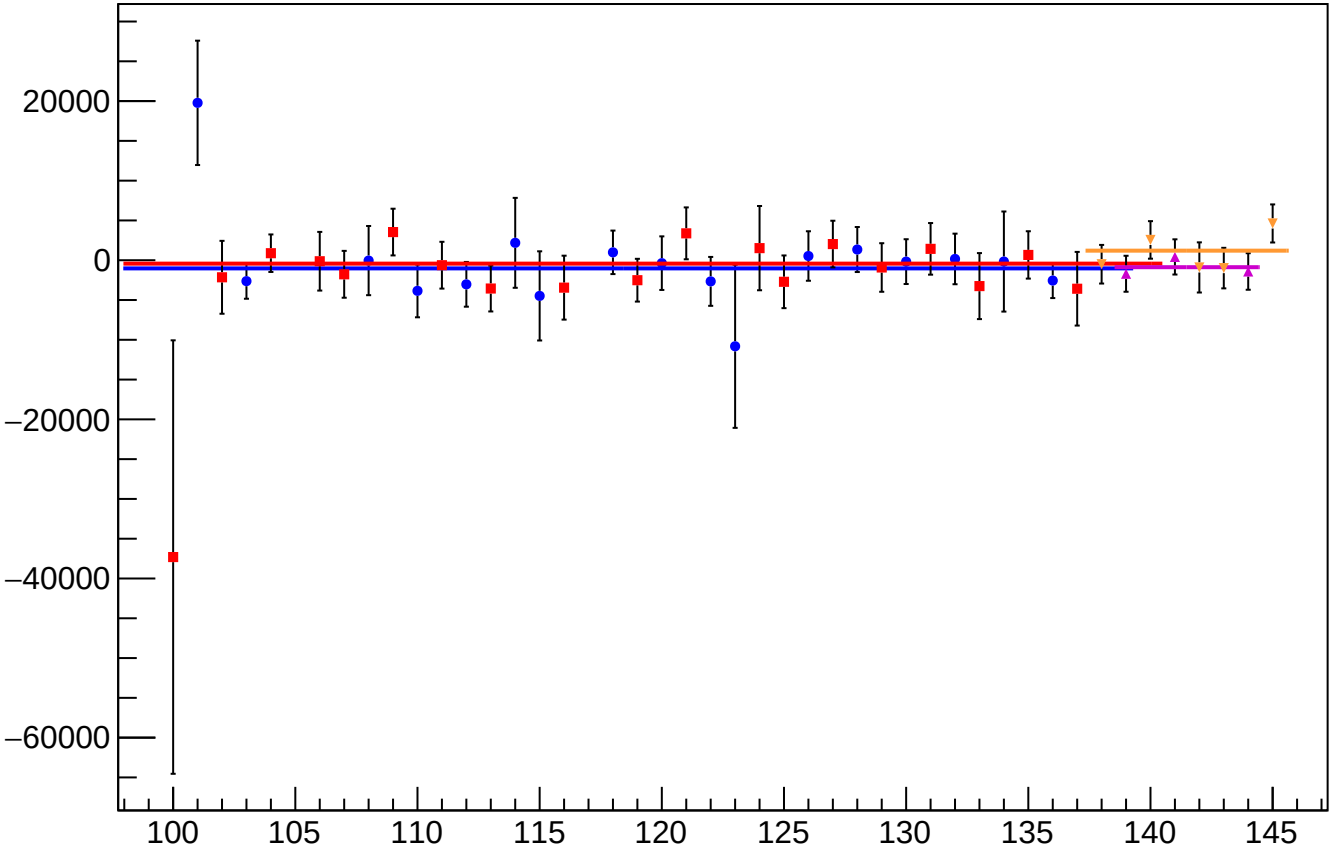
Left In: 5266.402+/-2.368 χ^2/NDF:24628.8/2

+ sign 4805.746+/-1.093 χ^2/NDF: 830767.8/21

All: 4675.621+/-0.768 χ^2/NDF: 1832005.7/43

- sign 4548.799+/-1.080 χ^2/NDF: 973275.0/21

dit_asym_atr_dd_mean vs Slug



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

Left Out: 1202.461+/-1133.161 χ^2/NDF:4.0/4

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

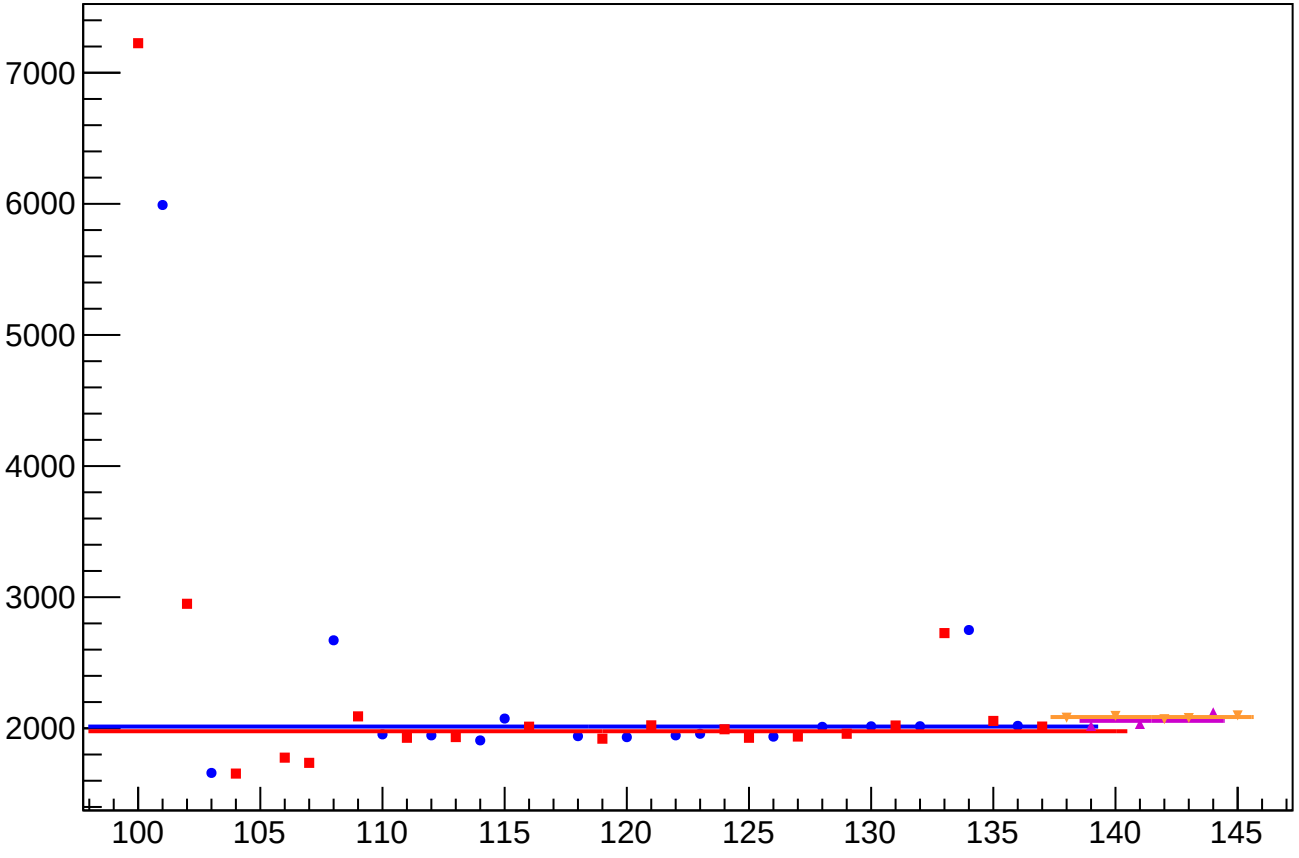
Left In: -875.804+/-1302.413 χ^2/NDF:0.5/2

+ sign -289.660+/-651.682 χ^2/NDF: 19.7/21

All: -414.962+/-462.657 χ^2/NDF: 31.2/43

- sign -542.295+/-656.941 χ^2/NDF: 11.4/21

dit_asym_atr_dd_rms vs Slug



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

Left Out: 2085.878+/-0.801 χ^2/NDF:161.2/4

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

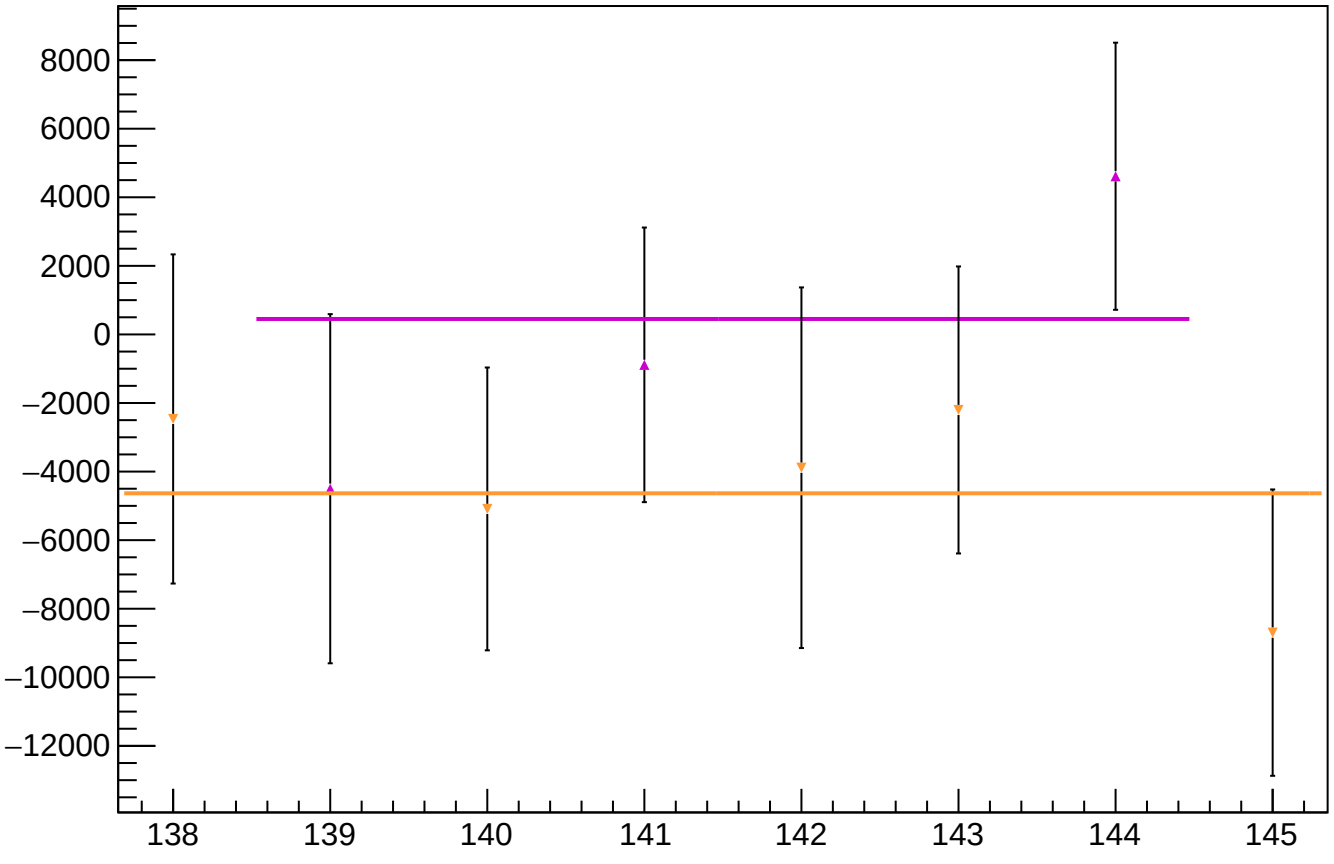
Left In: 2056.901+/-0.921 χ^2/NDF:2403.0/2

+ sign 2037.284+/-0.461 χ^2/NDF: 655705.4/21

All: 2017.637+/-0.327 χ^2/NDF: 962208.8/43

- sign 1997.703+/-0.464 χ^2/NDF: 302841.0/21

asym_atr_dd_correction_mean vs Slug



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

Left Out: -4633.666+/-1988.925 χ^2/NDF:1.5/4

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

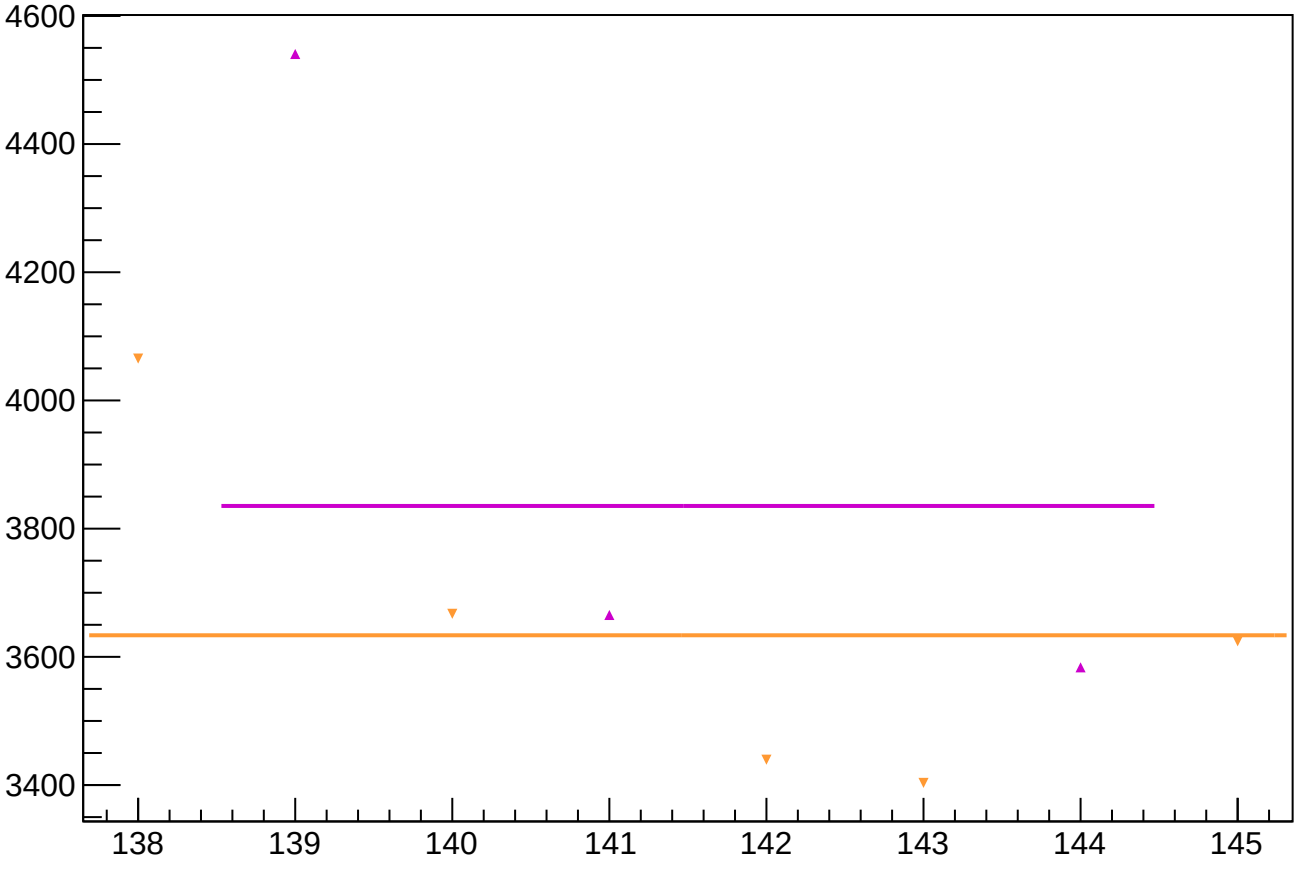
Left In: 450.674+/-2448.297 χ^2/NDF:2.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2612.281+/-1543.730 χ^2/NDF: 6.3/7

- 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: 3633.655+/-1.406 χ^2/NDF:25097.3/4

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

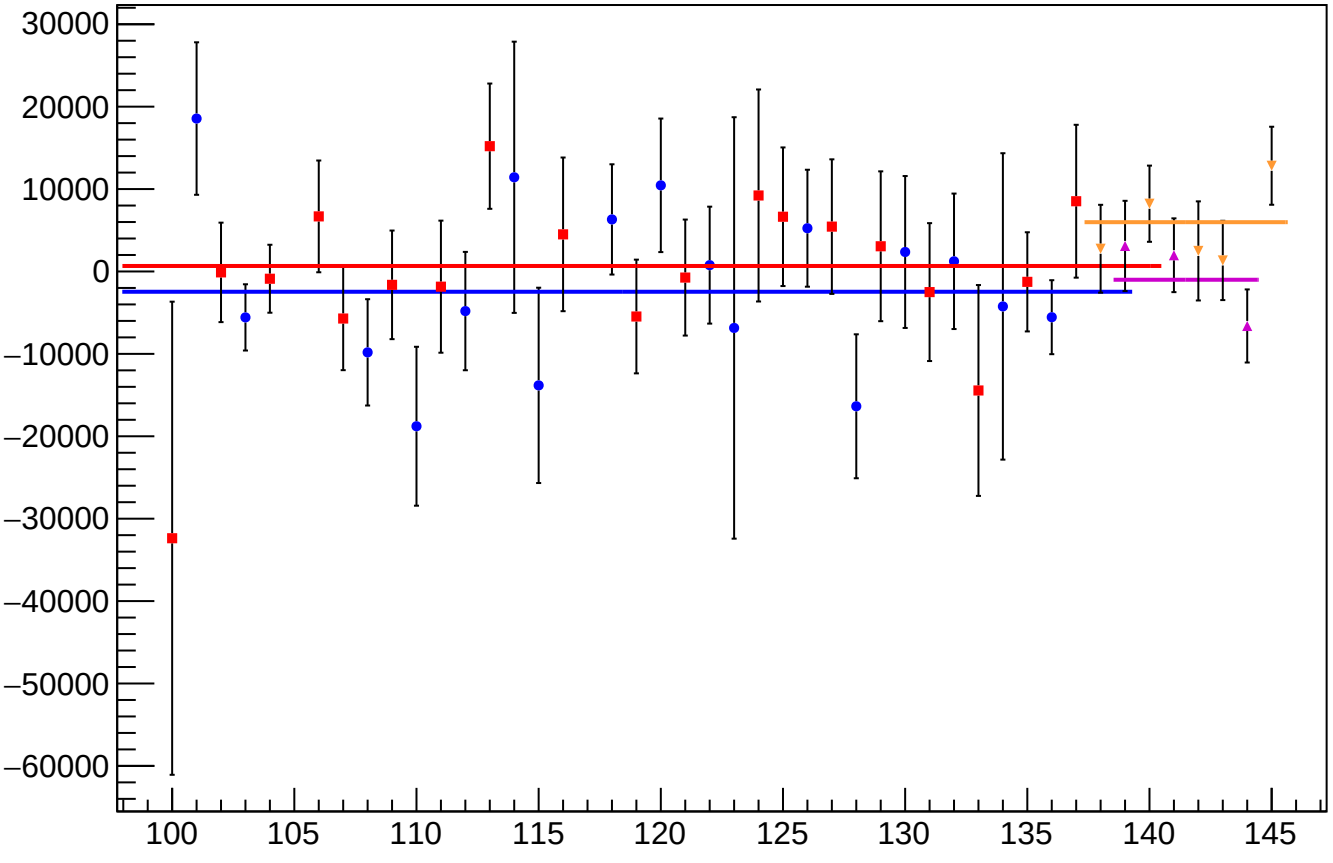
Left In: 3835.413+/-1.731 χ^2/NDF:50311.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3713.868+/-1.092 χ^2/NDF: 83590.8/7

- 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: 5981.272+/-2250.414 χ^2/NDF:4.0/4

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

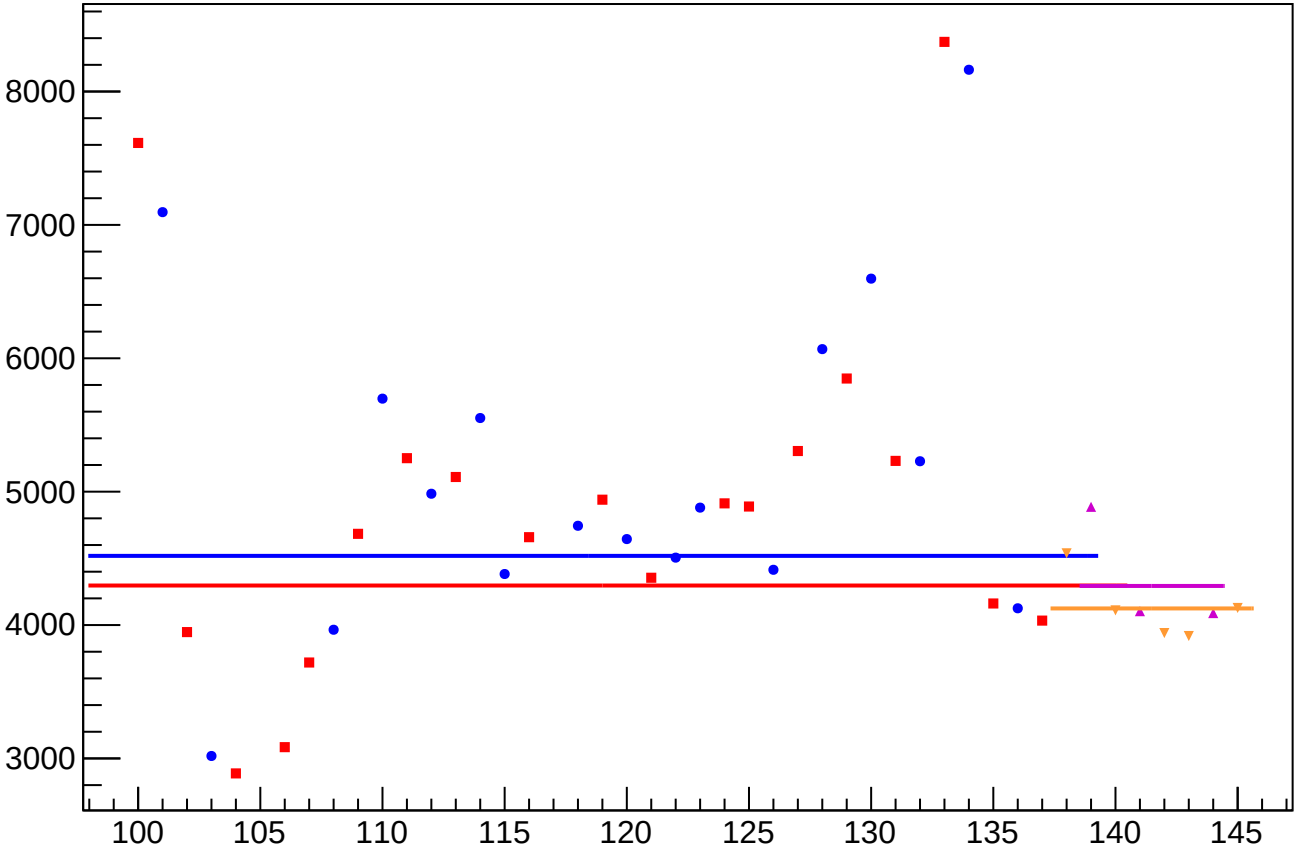
Left In: -1005.224+/-2731.093 χ^2/NDF:2.6/2

+ sign 825.996+/-1404.374 χ^2/NDF: 33.4/21

All: 521.871+/-1004.376 χ^2/NDF: 48.2/43

- sign 203.454+/-1436.992 χ^2/NDF: 14.8/21

asym_atr_dd_rms vs Slug



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

Left Out: 4124.534+/-1.591 χ^2/NDF:17622.1/4

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

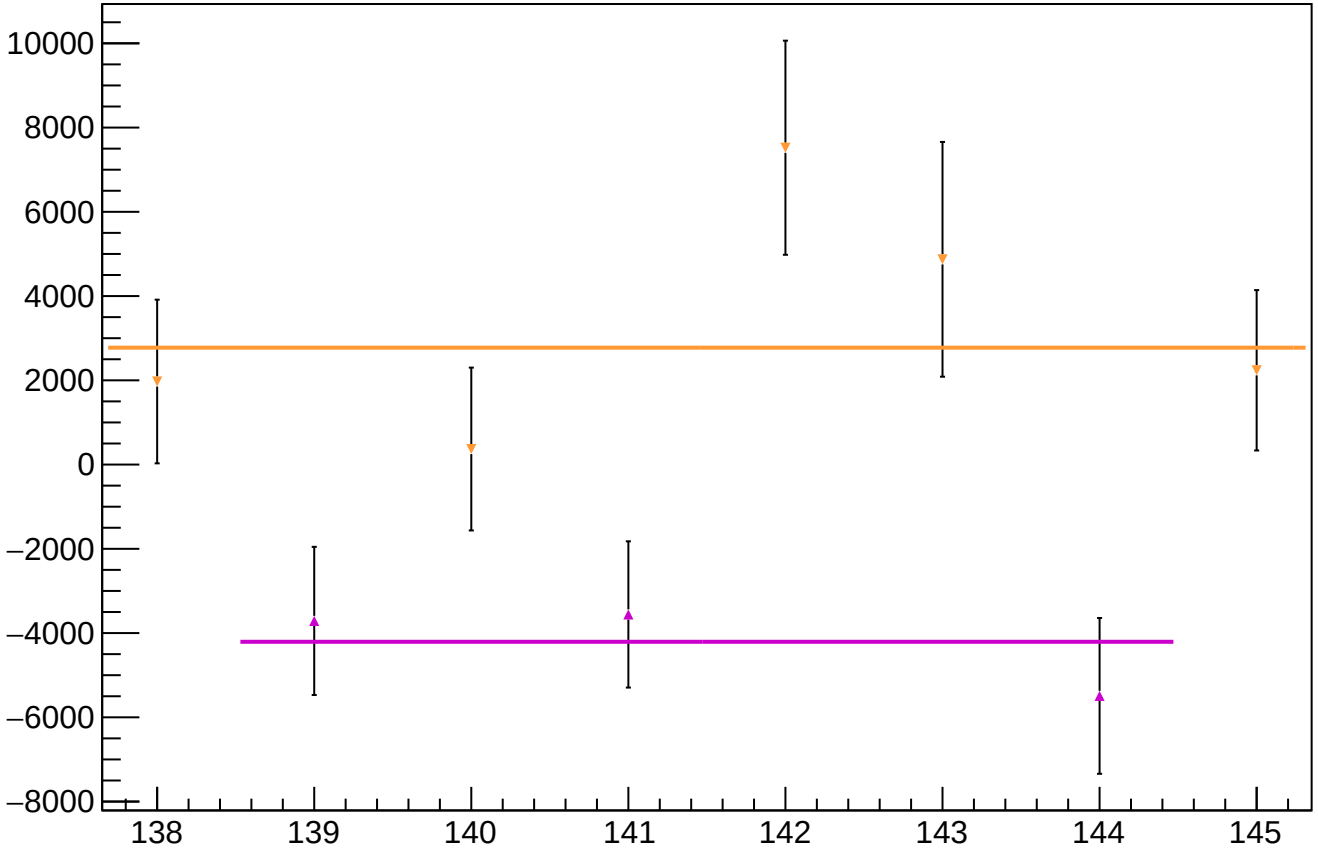
Left In: 4293.197+/-1.931 χ^2/NDF:31248.5/2

+ sign 4365.186+/-0.993 χ^2/NDF: 825308.0/21

All: 4331.005+/-0.709 χ^2/NDF: 1630676.2/43

- sign 4295.505+/-1.012 χ^2/NDF: 802952.9/21

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 2775.091+/-956.845 χ^2/NDF:5.9/4

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

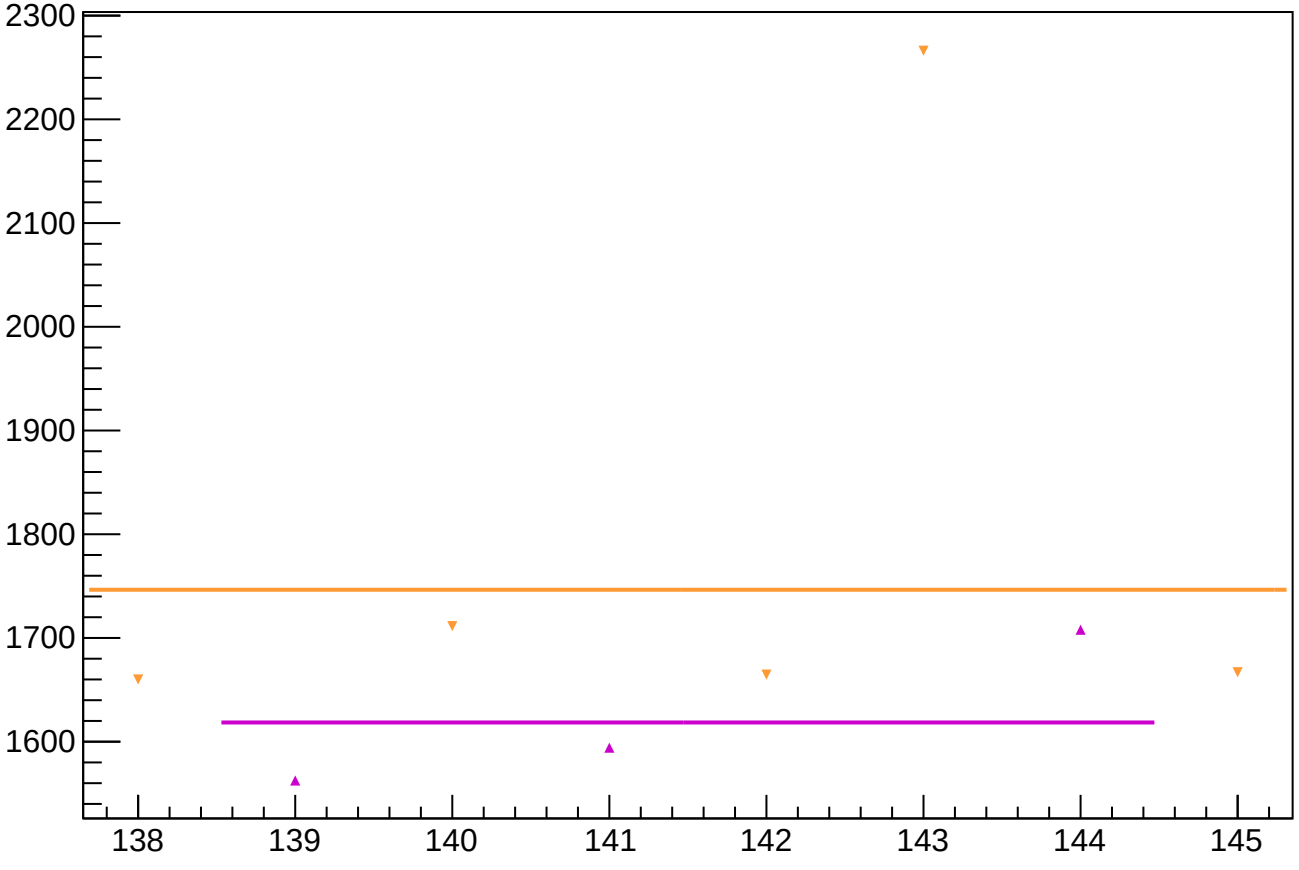
Left In: -4207.059+/-1027.299 χ^2/NDF:0.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -468.371+/-700.175 χ^2/NDF: 31.3/7

- 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: 1746.487+/-0.677 χ^2/NDF:79752.4/4

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

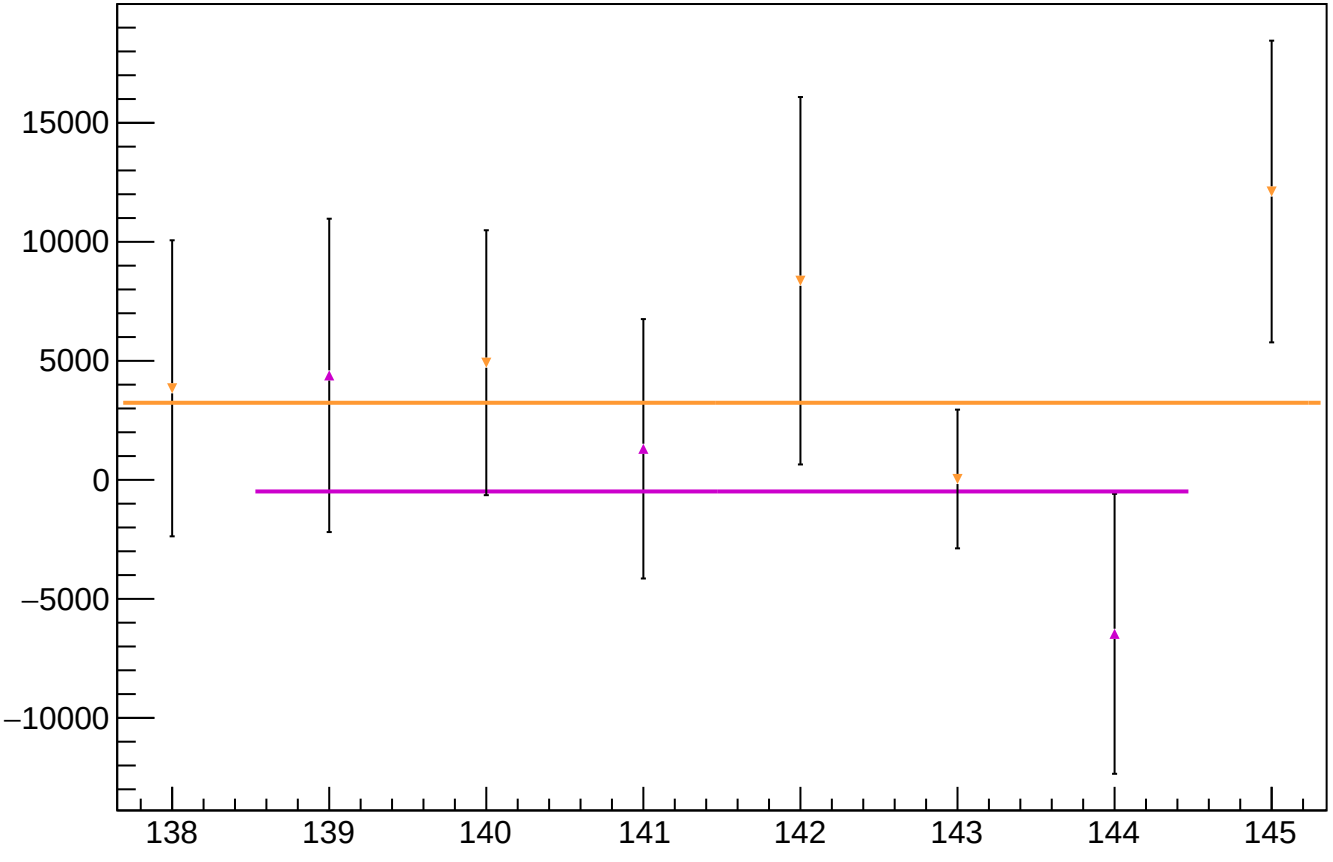
Left In: 1618.519+/-0.726 χ^2/NDF:7090.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1687.041+/-0.495 χ^2/NDF: 103460.8/7

- 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: 3239.360+/-2143.809 χ^2/NDF:3.7/4

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

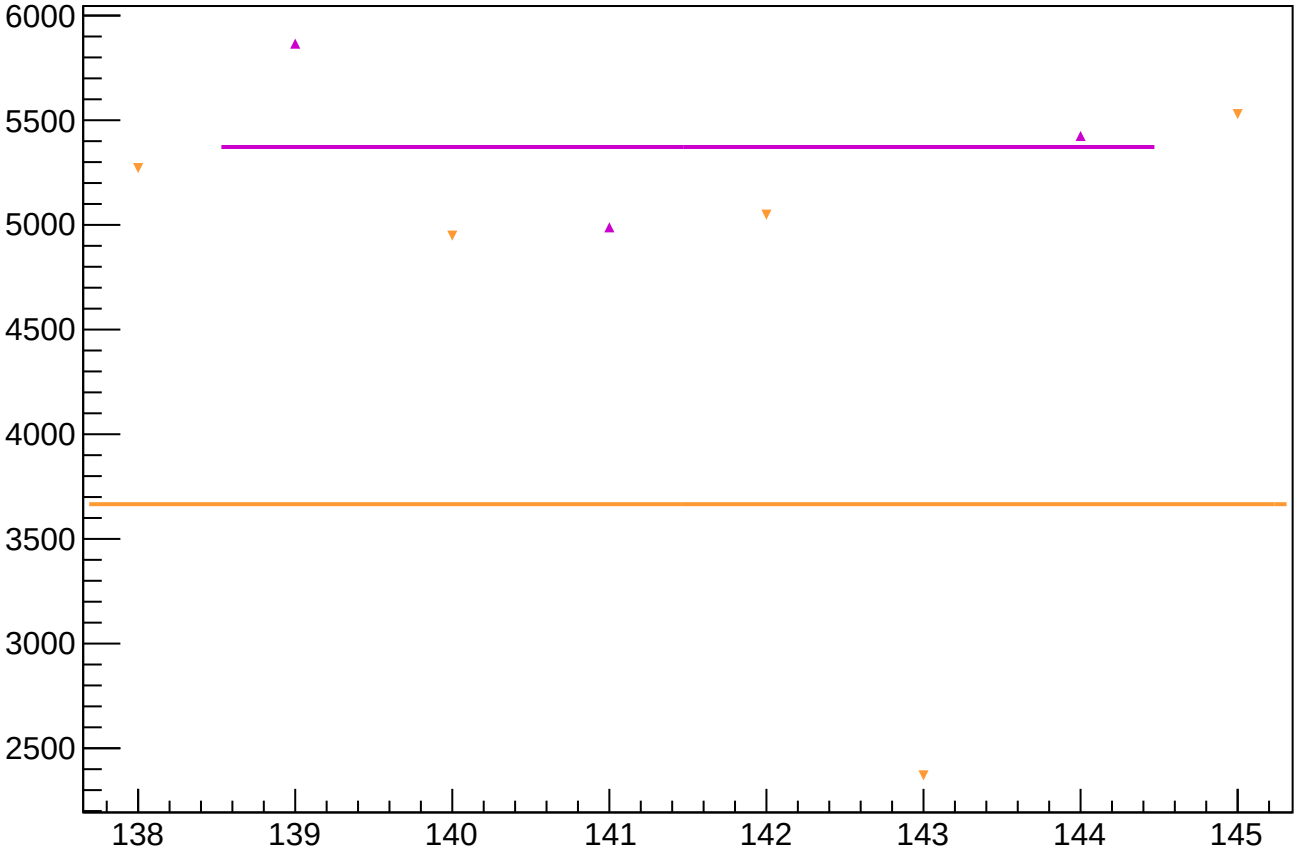
Left In: -486.524+/-3416.500 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2186.775+/-1815.914 χ^2/NDF: 6.3/7

- 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: 3665.858+/-1.516 χ^2/NDF:871856.9/4

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

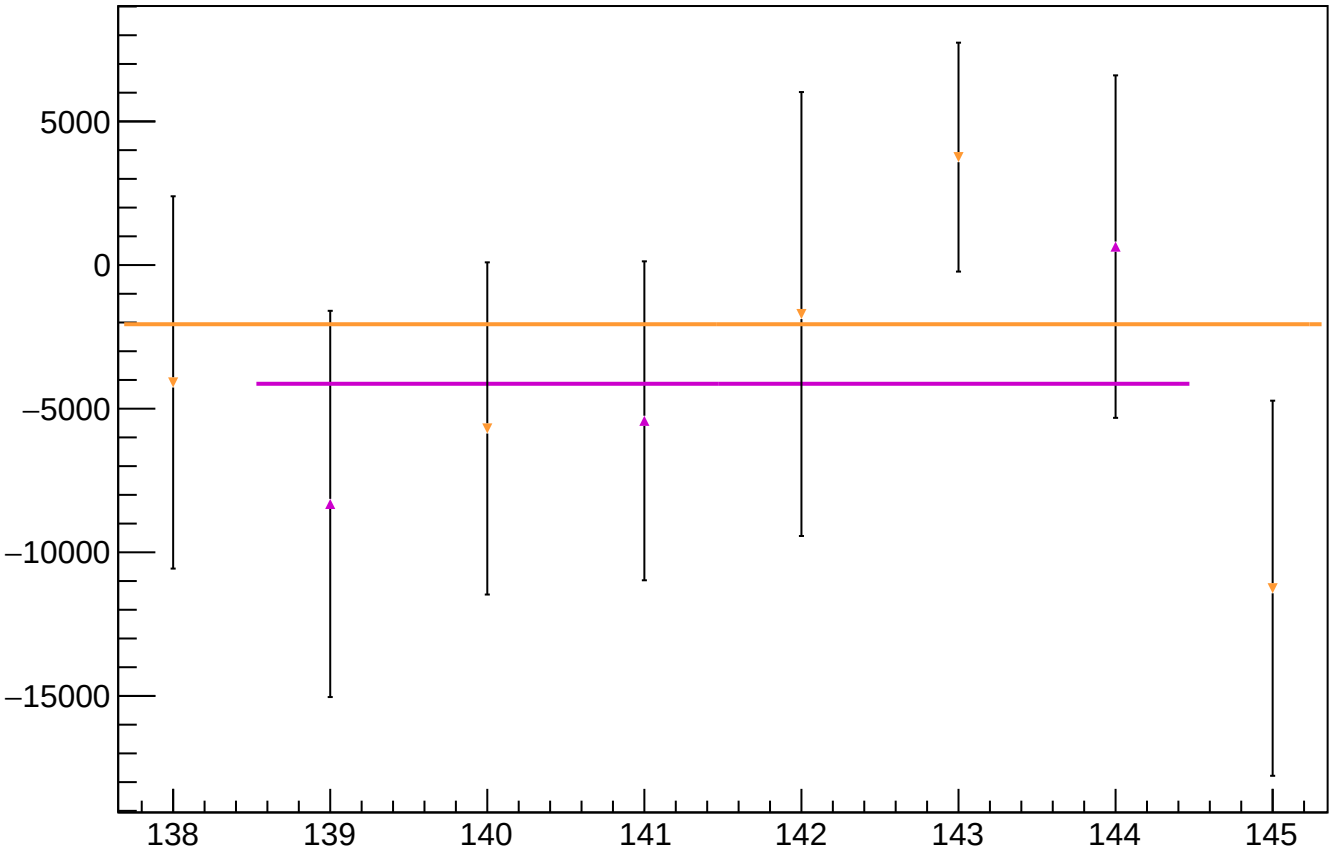
Left In: 5372.120+/-2.416 χ^2/NDF:21327.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4147.887+/-1.284 χ^2/NDF: 1251096.6/7

- 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: -2060.118+/-2524.422 χ^2/NDF:4.6/4

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

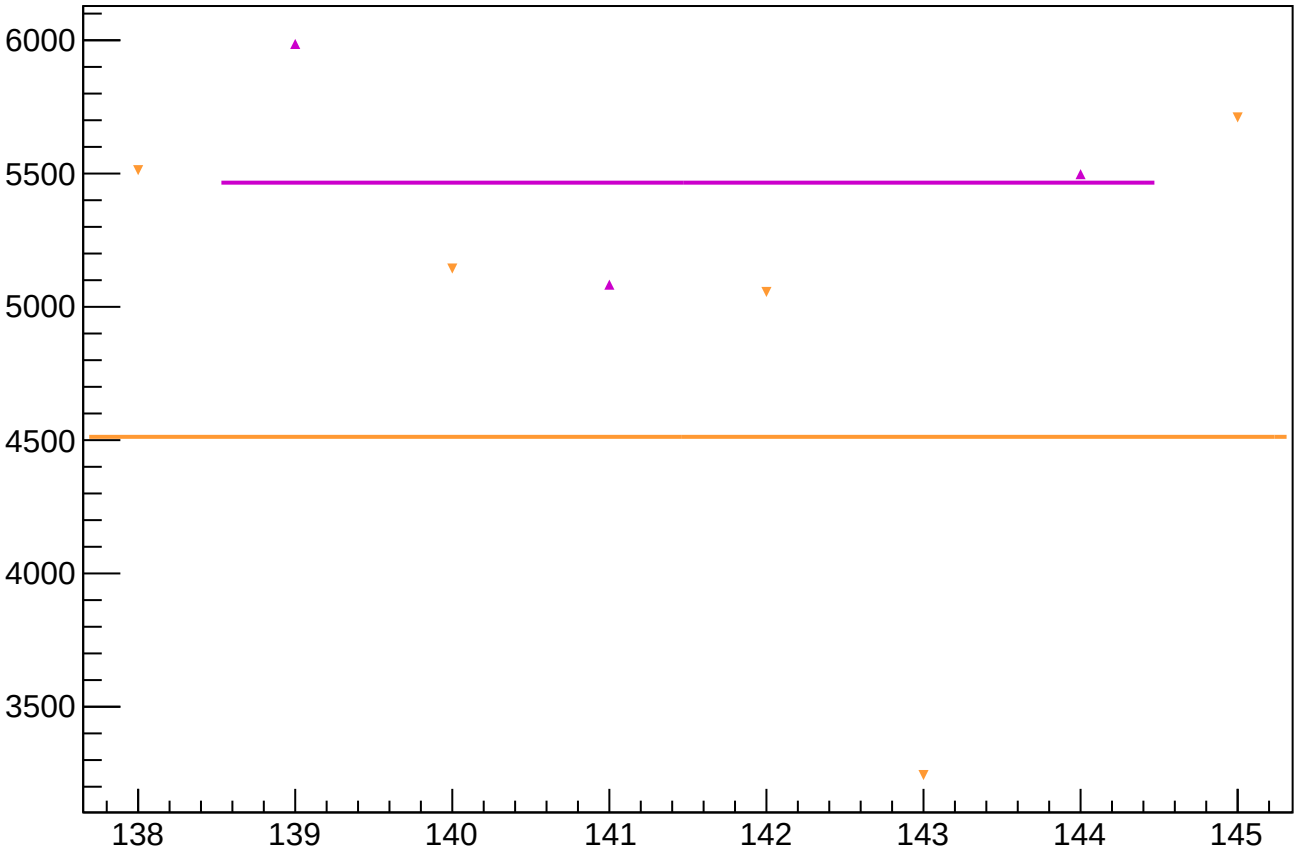
Left In: -4133.177+/-3477.103 χ^2/NDF:1.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2775.659+/-2042.815 χ^2/NDF: 5.9/7

- 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: 4512.411+/-1.785 χ^2/NDF:351490.4/4

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

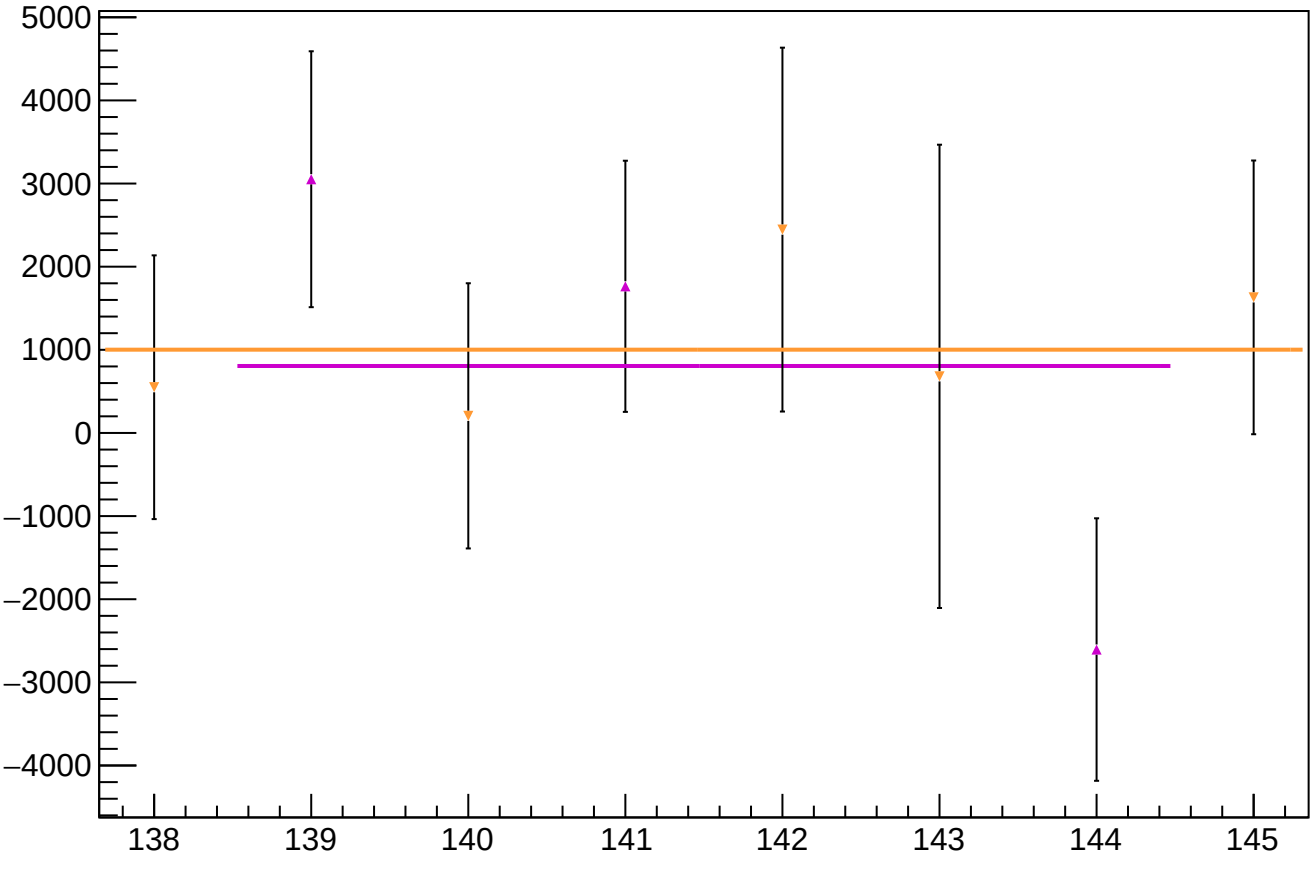
Left In: 5465.849+/-2.459 χ^2/NDF:21537.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4841.502+/-1.444 χ^2/NDF: 471500.1/7

- 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: 1001.692+/-817.276 χ^2/NDF:0.9/4

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

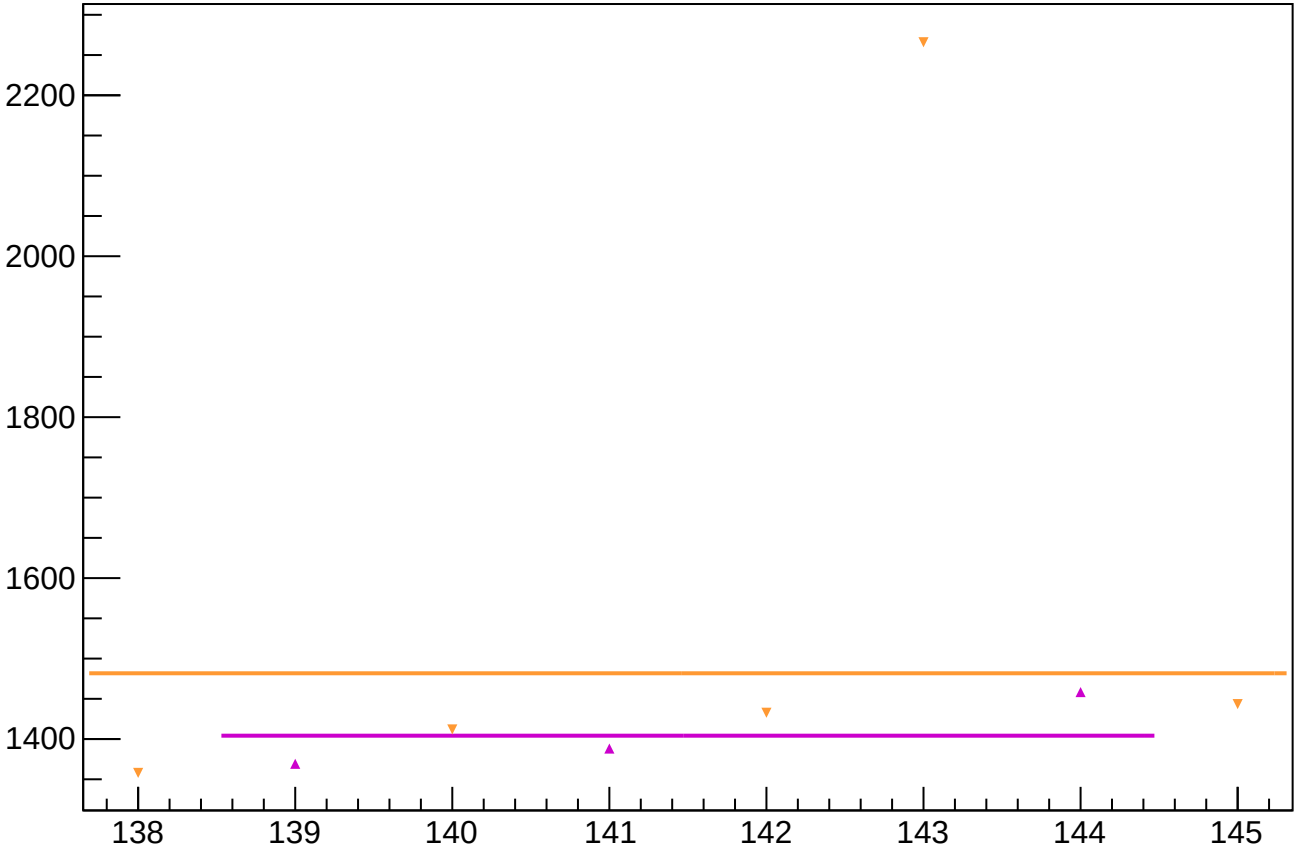
Left In: 805.451+/-890.284 χ^2/NDF:7.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 911.947+/-602.060 χ^2/NDF: 8.2/7

- 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: 1481.737+/-0.578 χ^2/NDF:176497.5/4

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

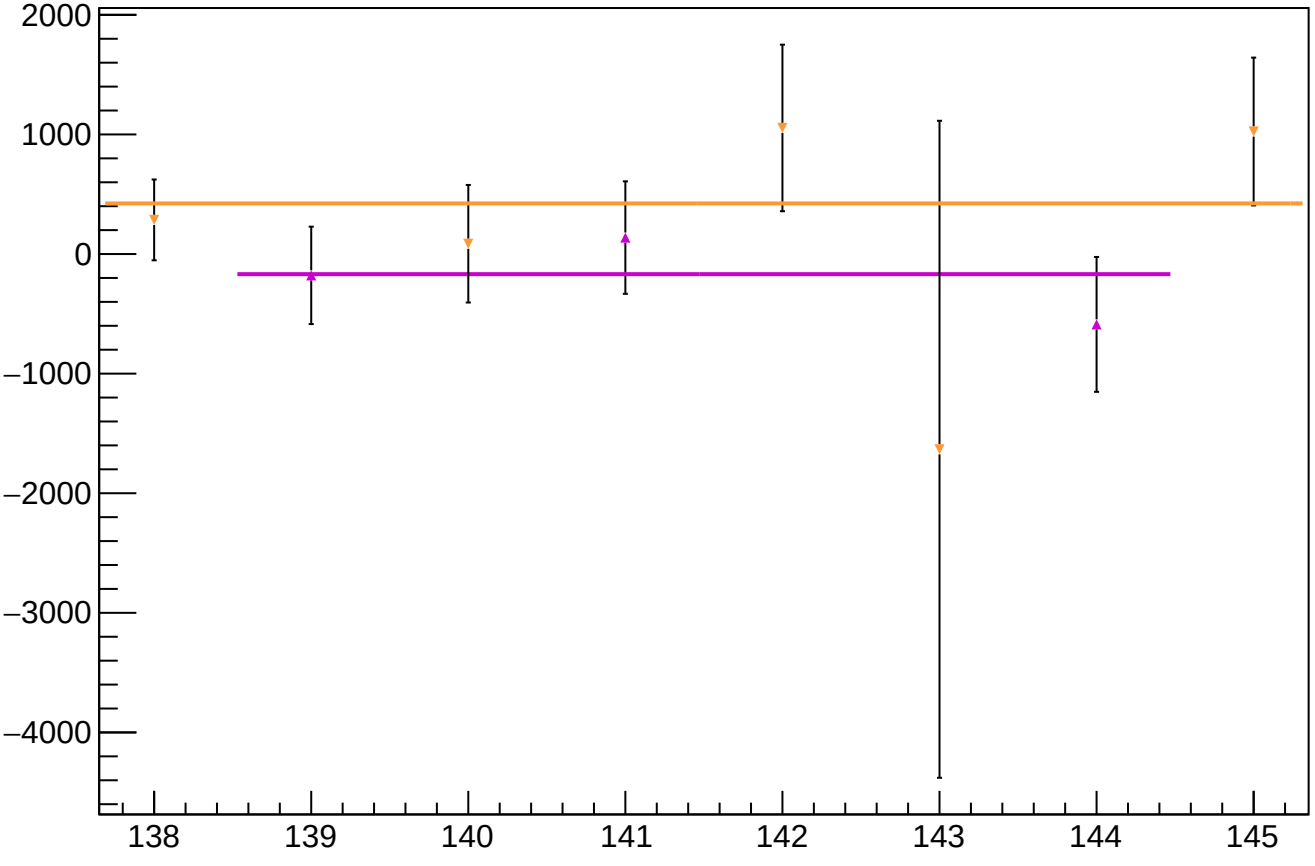
Left In: 1404.188+/-0.630 χ^2/NDF:3609.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1446.272+/-0.426 χ^2/NDF: 188342.0/7

- 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: 423.226+/-237.590 χ^2/NDF:3.0/4

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

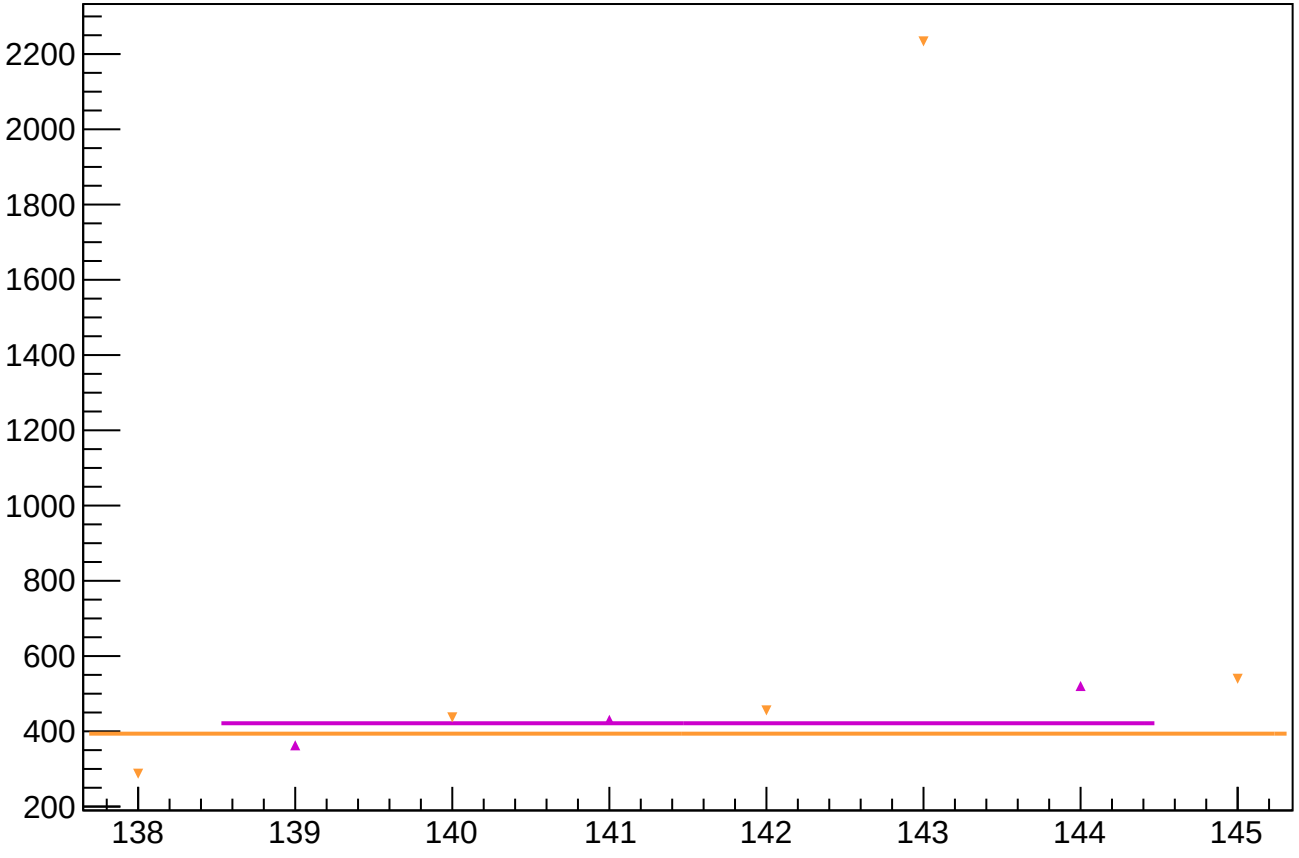
Left In: -168.193+/-270.192 χ^2/NDF:1.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 165.332+/-178.421 χ^2/NDF: 6.6/7

- 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: 393.771+/-0.168 χ^2/NDF:1238494.9/4

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

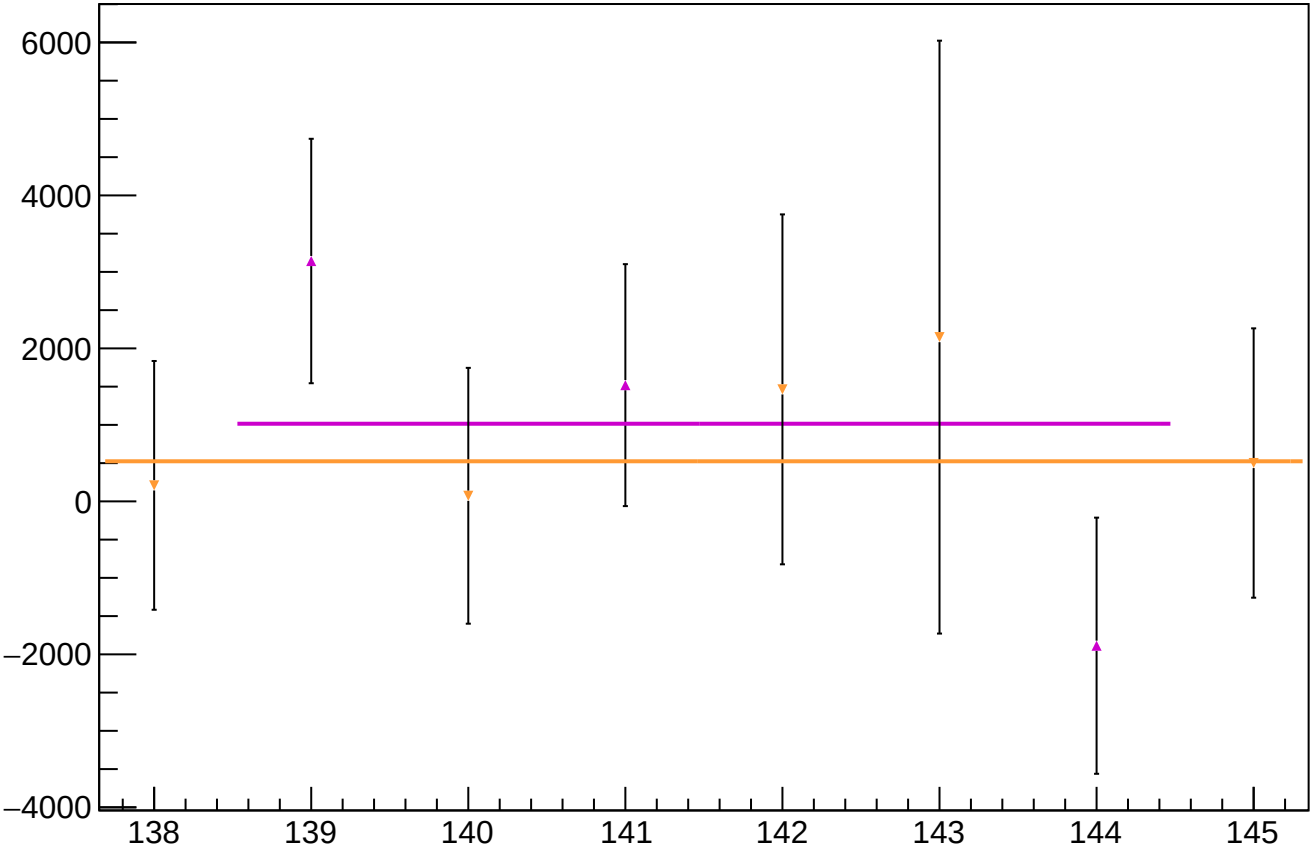
Left In: 421.431+/-0.191 χ^2/NDF:103854.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 405.832+/-0.126 χ^2/NDF: 1354170.3/7

- 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: 524.164+/-871.708 χ^2/NDF:0.5/4

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

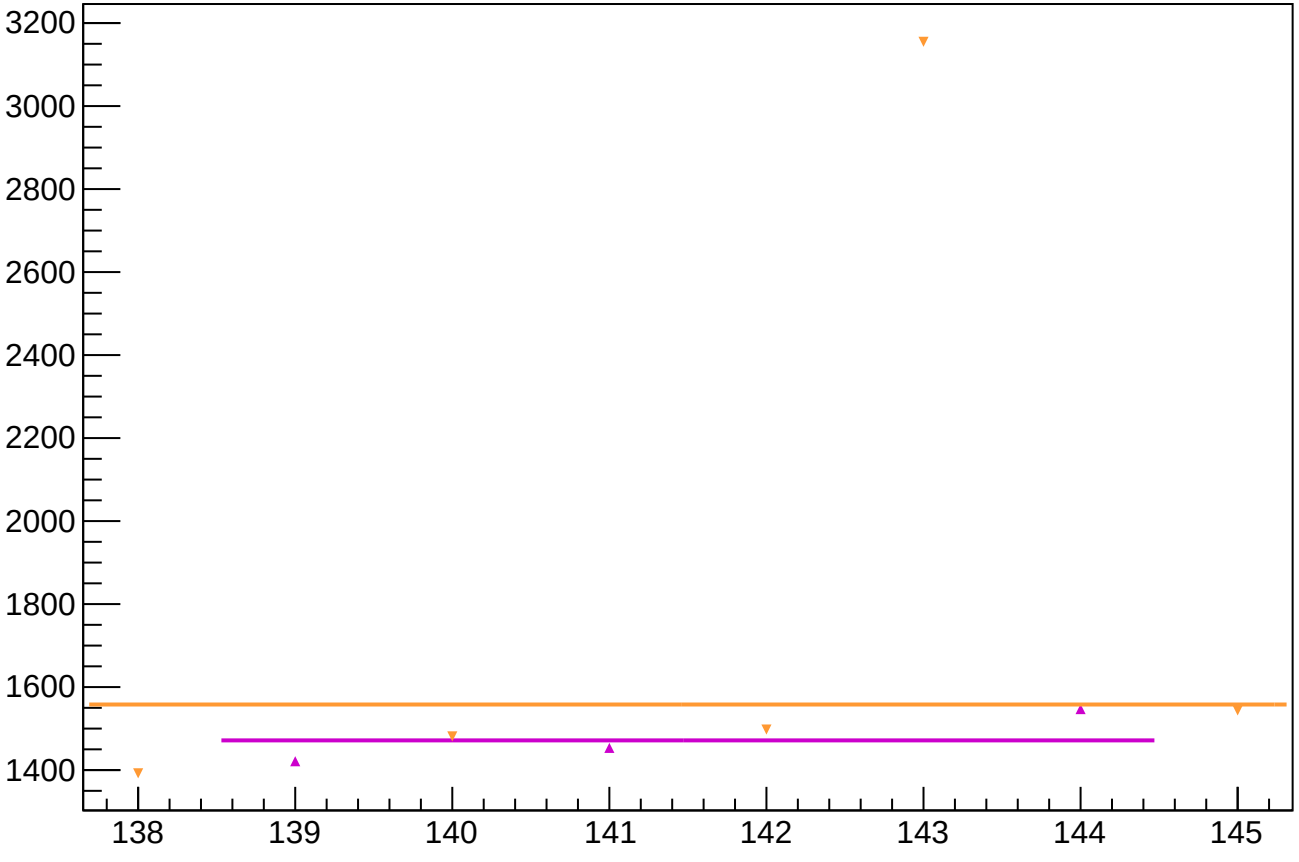
Left In: 1014.943+/-933.271 χ^2/NDF:4.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 752.834+/-637.044 χ^2/NDF: 5.5/7

- 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: 1558.017+/-0.616 χ^2/NDF:366047.8/4

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

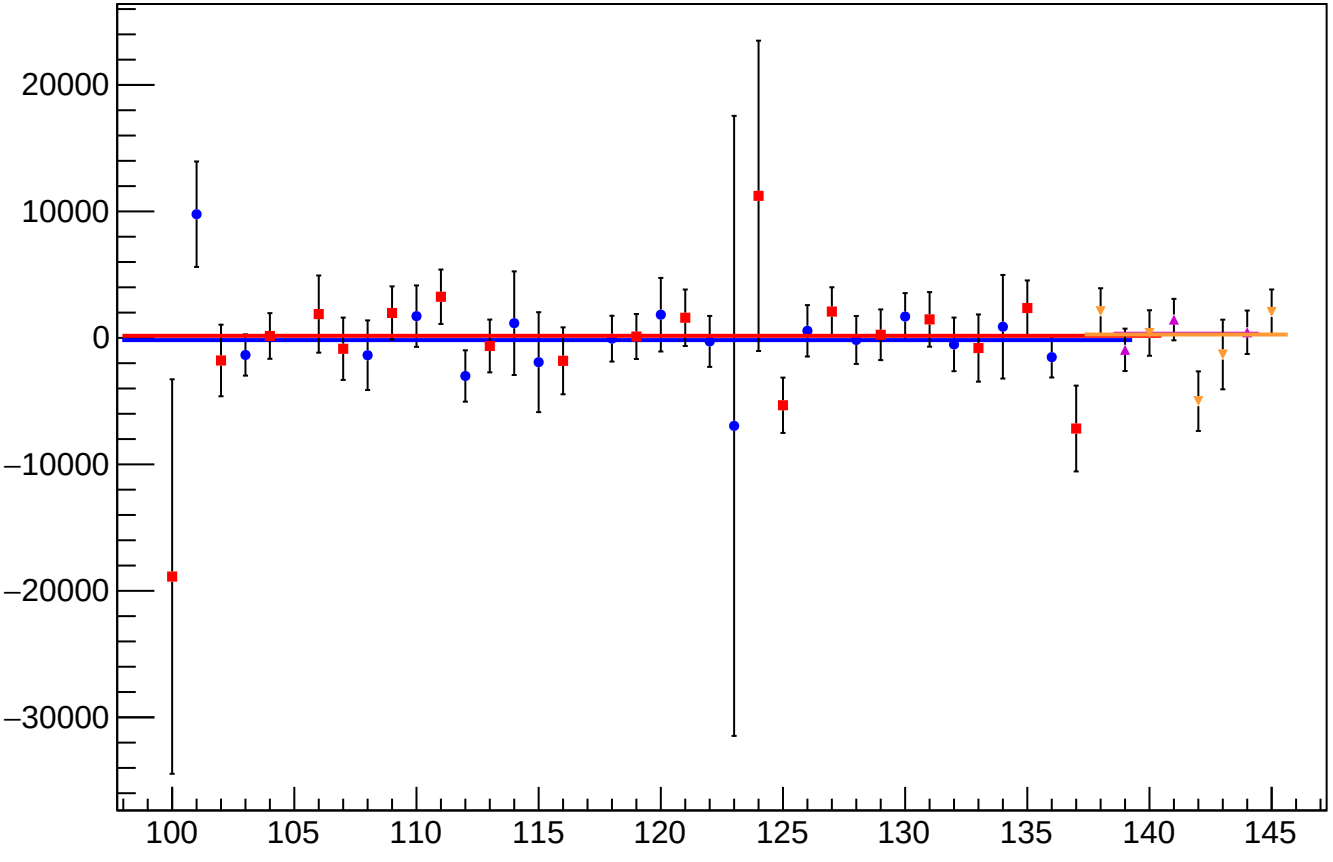
Left In: 1471.571+/-0.660 χ^2/NDF:6292.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1517.739+/-0.450 χ^2/NDF: 381504.2/7

- 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: 267.490+/-898.054 χ^2/NDF:7.4/4

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

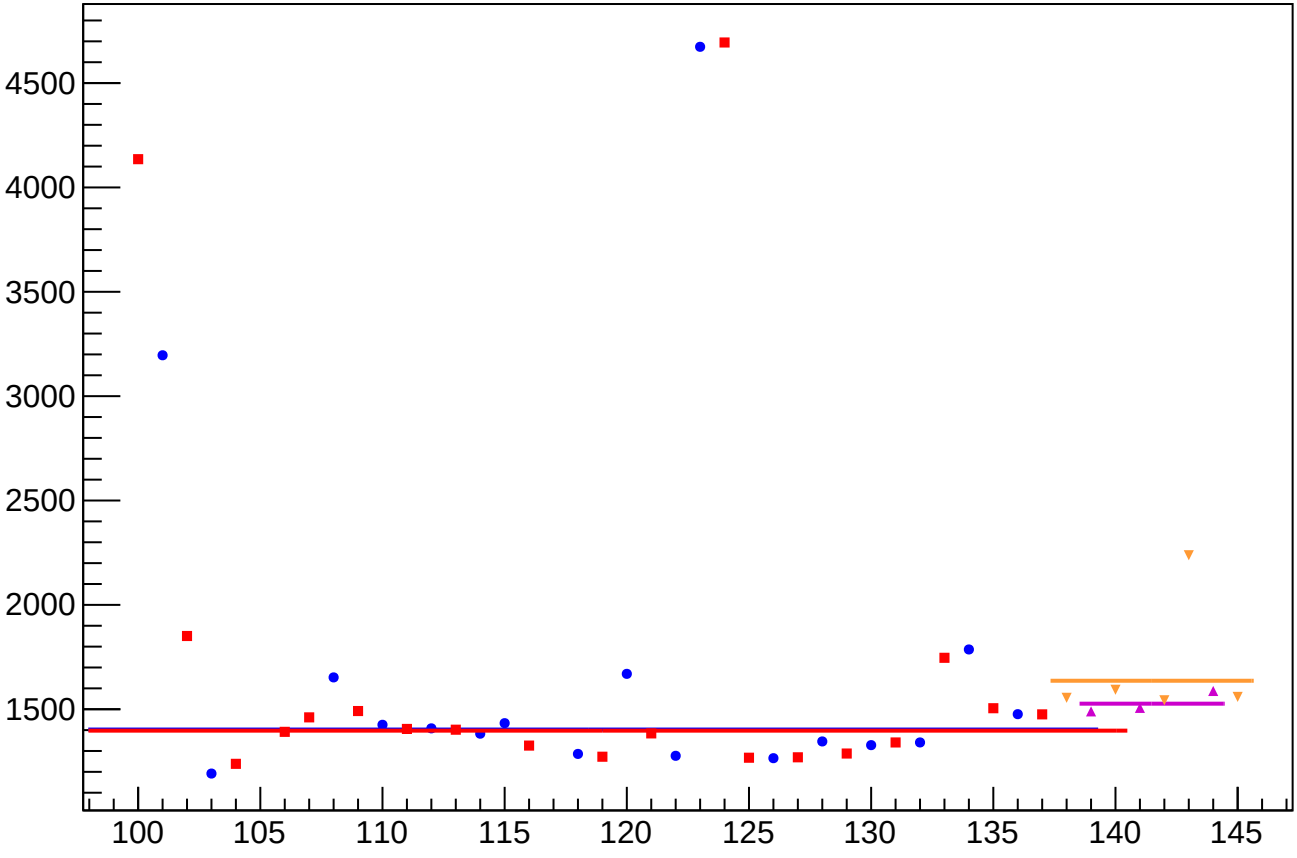
Left In: 330.874+/-967.999 χ^2/NDF:1.0/2

+ sign -52.702+/-471.908 χ^2/NDF: 19.3/21

All: 75.885+/-333.599 χ^2/NDF: 41.2/43

- sign 204.332+/-471.652 χ^2/NDF: 21.7/21

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1636.483+/-0.635 χ^2/NDF:107612.5/4

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

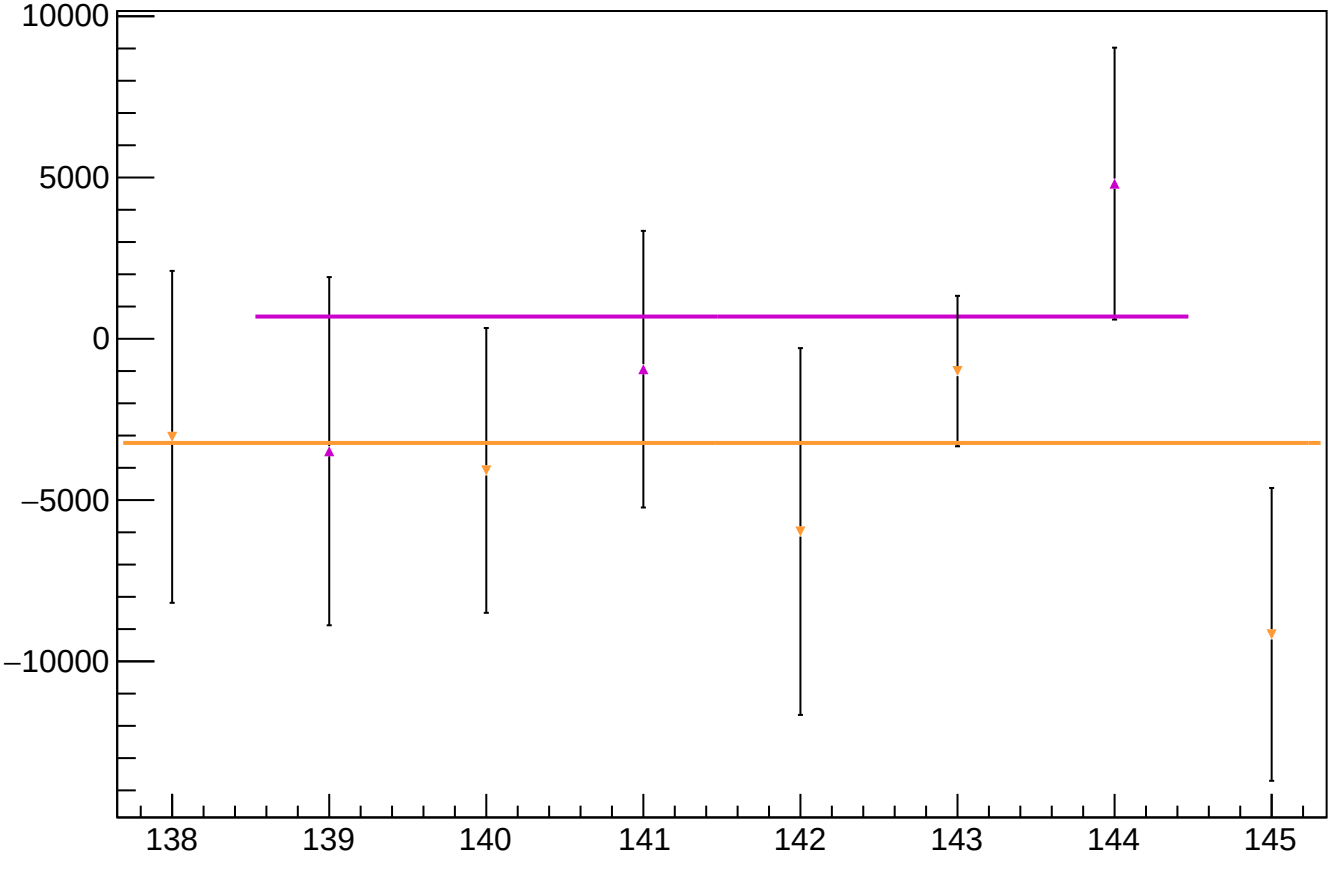
Left In: 1526.633+/-0.684 χ^2/NDF:3781.7/2

+ sign 1467.260+/-0.334 χ^2/NDF: 732041.7/21

All: 1447.654+/-0.236 χ^2/NDF: 1123260.5/43

- sign 1428.086+/-0.333 χ^2/NDF: 384321.2/21

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -3228.615+/-1684.638 χ^2/NDF:2.9/4

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

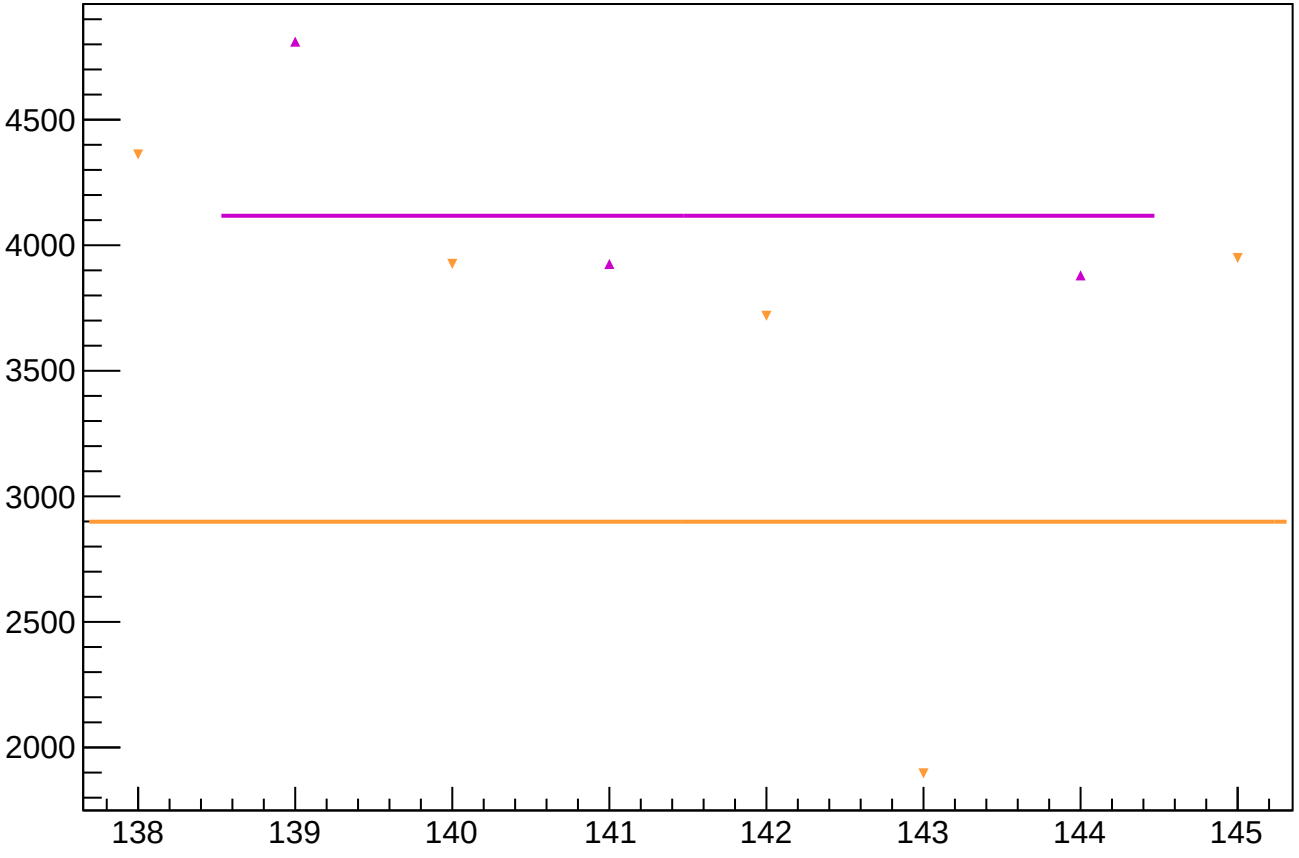
Left In: 689.577+/-2626.067 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2086.270+/-1417.952 χ^2/NDF: 6.2/7

- 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: 2899.066+/-1.191 χ^2/NDF:787727.8/4

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

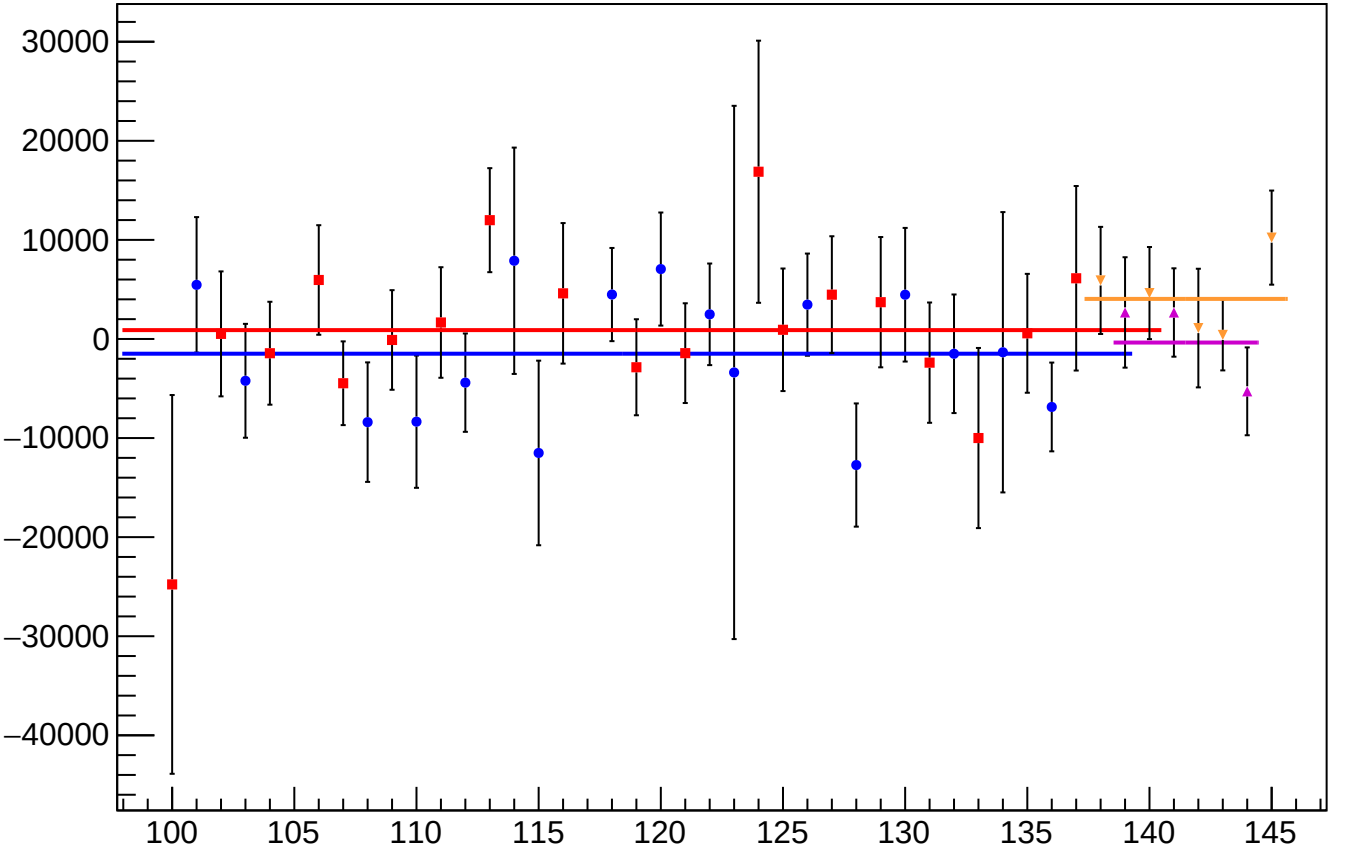
Left In: 4117.437+/-1.857 χ^2/NDF:43362.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3254.281+/-1.003 χ^2/NDF: 1136081.4/7

- 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: 4044.424+/-2082.175 χ^2/NDF:3.1/4

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

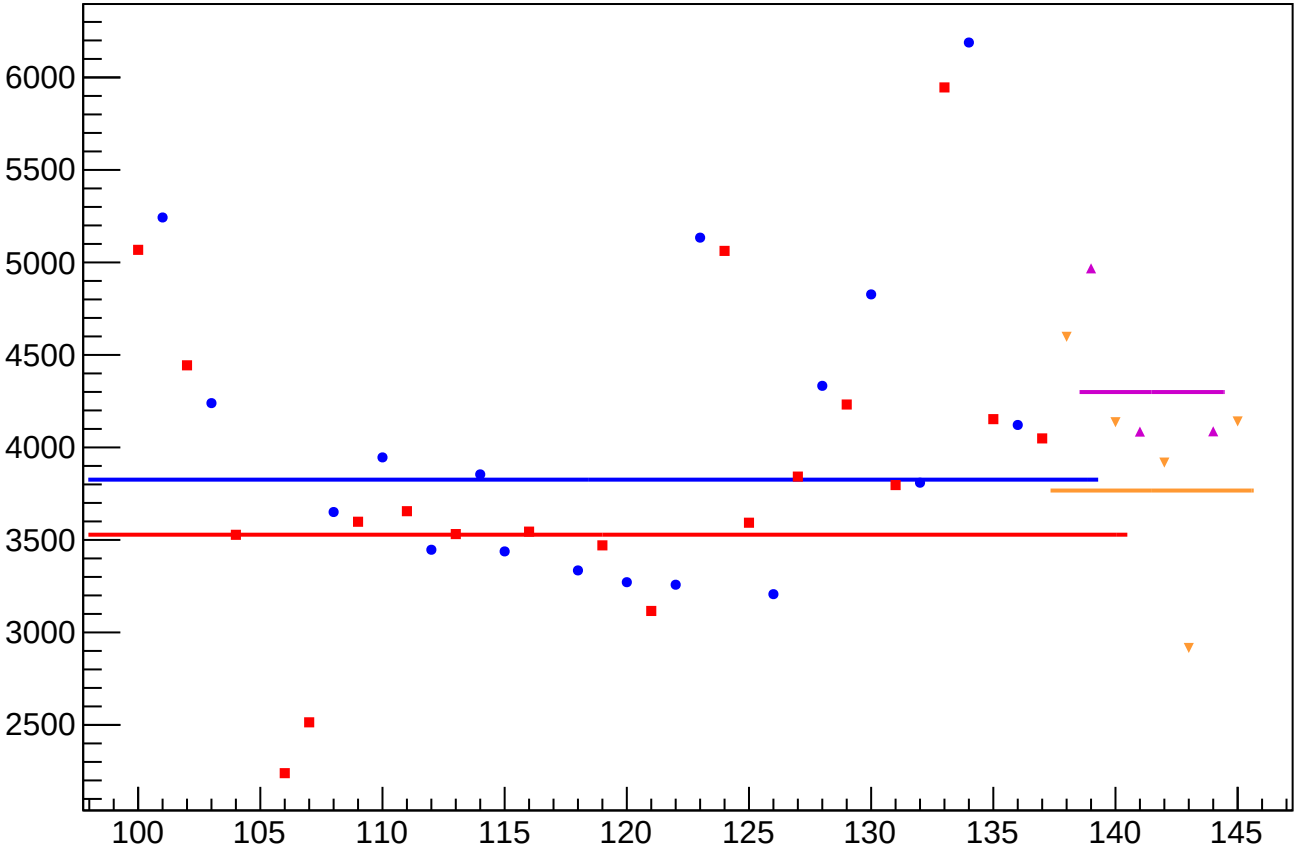
Left In: -361.372+/-2738.294 χ^2/NDF:2.0/2

+ sign 401.387+/-1216.598 χ^2/NDF: 24.4/21

All: 519.326+/-865.511 χ^2/NDF: 40.7/43

- sign 640.186+/-1231.573 χ^2/NDF: 16.3/21

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 3766.995+/-1.472 χ^2/NDF:186382.3/4

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

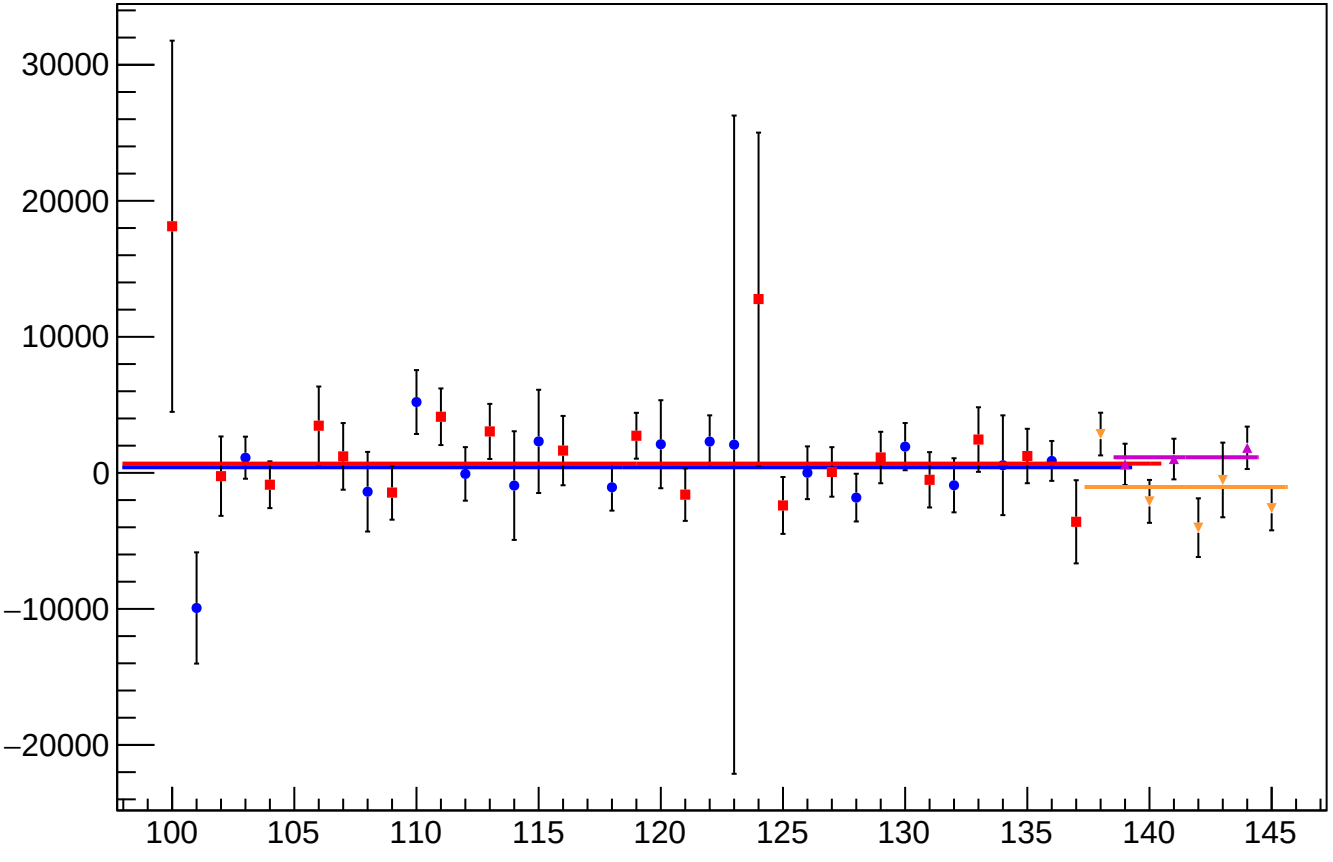
Left In: 4299.373+/-1.936 χ^2/NDF:37979.5/2

+ sign 3805.754+/-0.860 χ^2/NDF: 521838.9/21

All: 3744.187+/-0.610 χ^2/NDF: 1252501.5/43

- sign 3682.007+/-0.865 χ^2/NDF: 720367.5/21

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -1039.590+/-807.656 χ^2/NDF:9.5/4

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

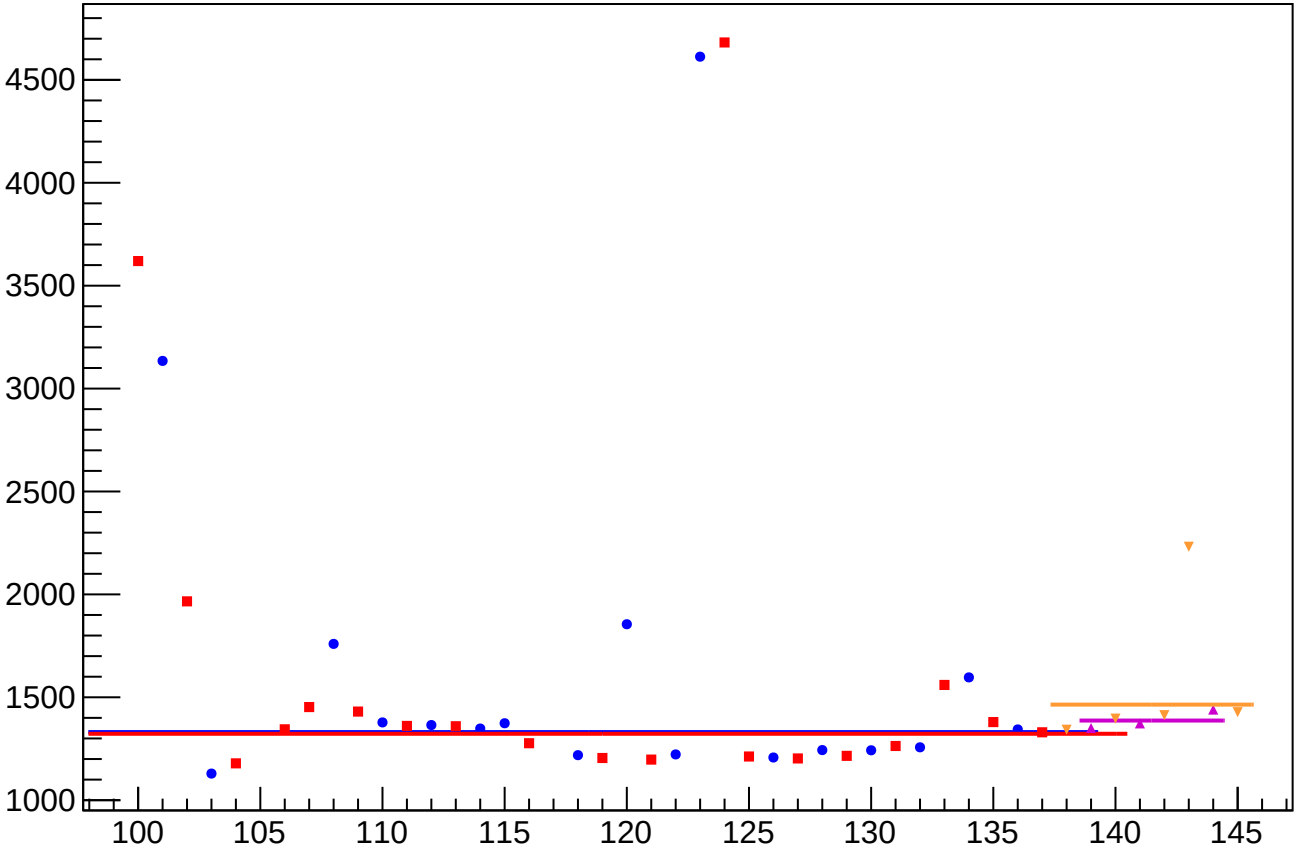
Left In: 1148.192+/-879.332 χ^2/NDF:0.3/2

+ sign -23.014+/-441.929 χ^2/NDF: 28.3/21

All: 388.856+/-312.267 χ^2/NDF: 48.6/43

- sign 799.545+/-441.296 χ^2/NDF: 18.6/21

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1464.414+/-0.571 χ^2/NDF:174249.3/4

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

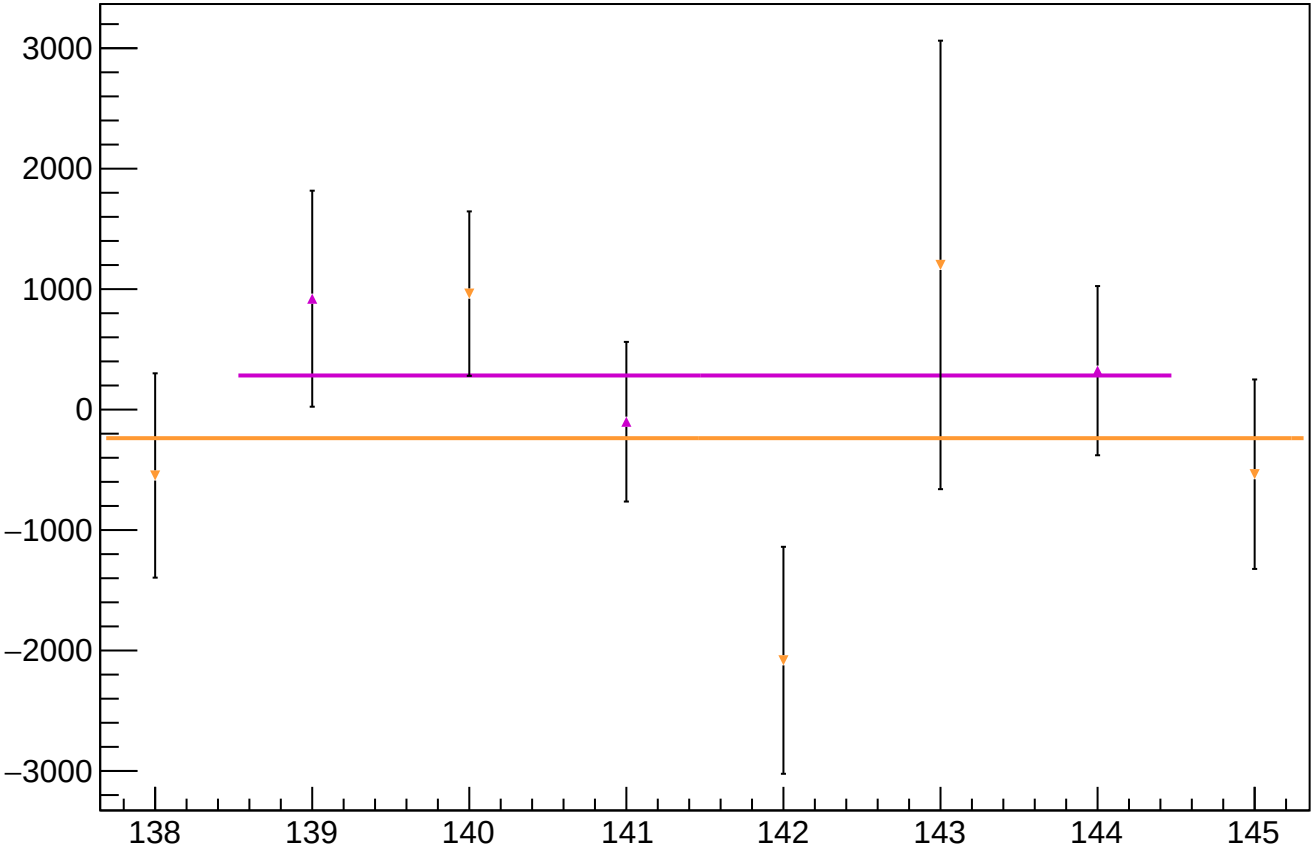
Left In: 1386.962+/-0.622 χ^2/NDF:3657.9/2

+ sign 1370.867+/-0.312 χ^2/NDF: 816021.4/21

All: 1354.855+/-0.221 χ^2/NDF: 1227326.3/43

- sign 1338.889+/-0.312 χ^2/NDF: 406061.5/21

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: -237.294+/-390.180 χ^2/NDF:7.8/4

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

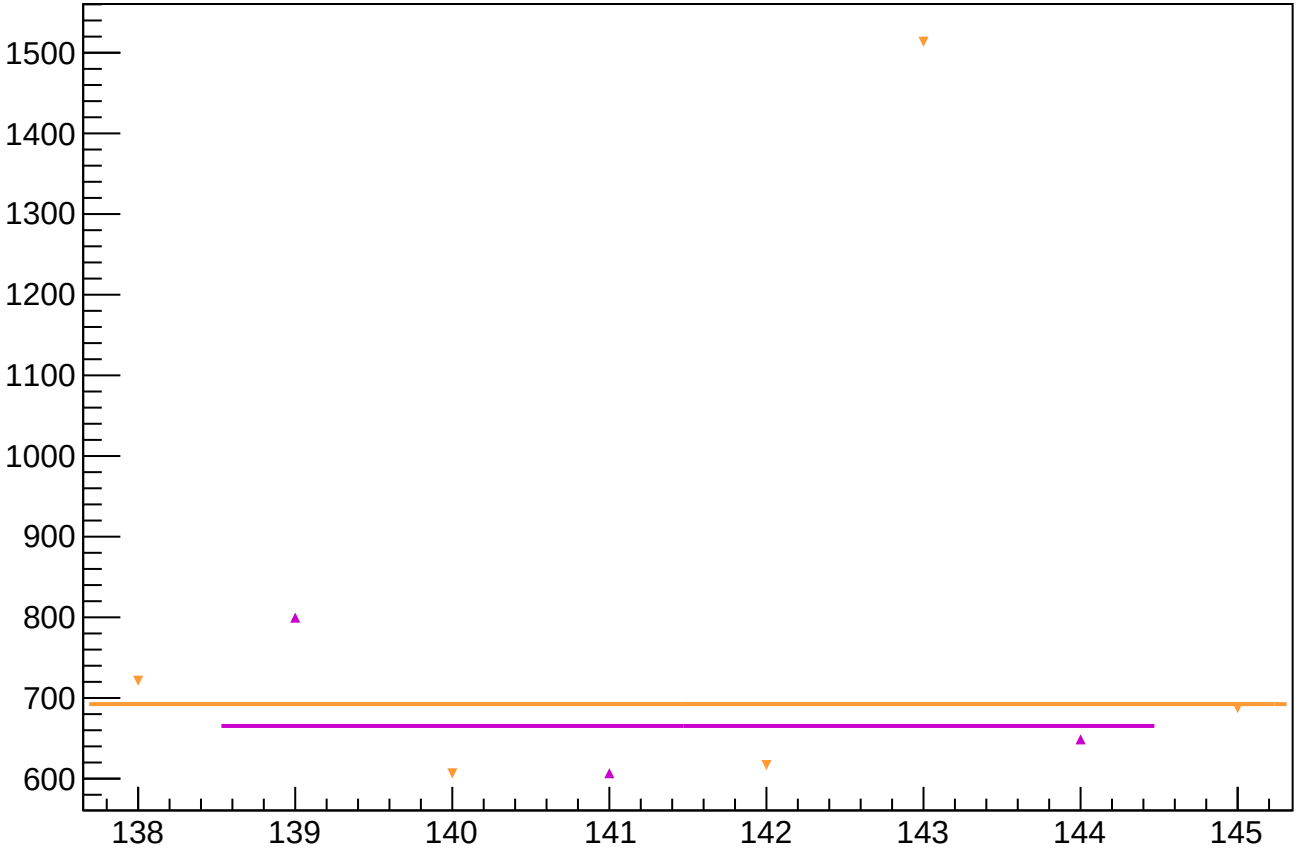
Left In: 283.138+/-424.539 χ^2/NDF:0.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.013+/-287.279 χ^2/NDF: 9.5/7

- 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: 692.382+/-0.276 χ^2/NDF:436200.0/4

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

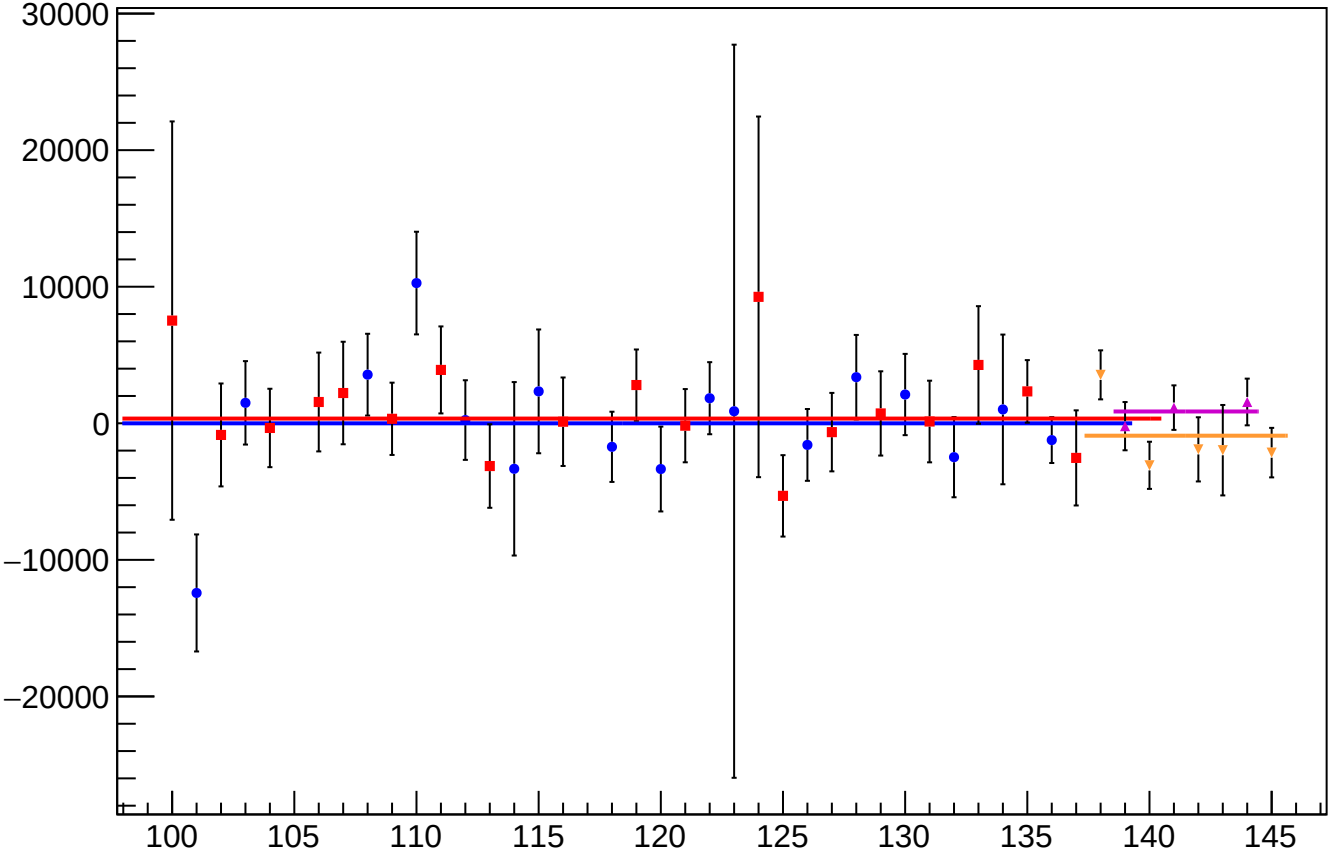
Left In: 665.337+/-0.300 χ^2/NDF:61621.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 679.998+/-0.203 χ^2/NDF: 502221.2/7

- 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: -908.226+/-904.437 χ^2/NDF:8.5/4

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

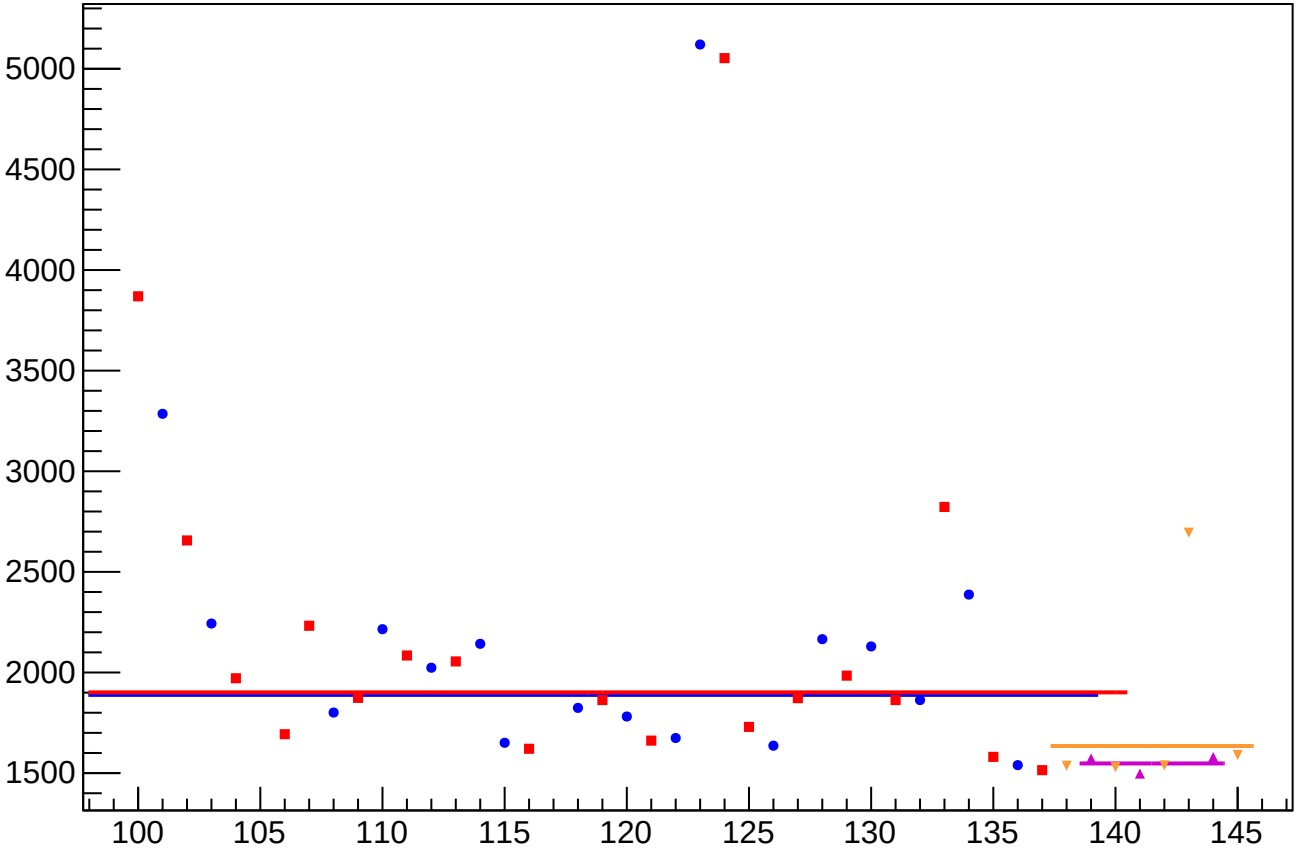
Left In: 864.624+/-981.088 χ^2/NDF:0.6/2

+ sign -368.484+/-575.063 χ^2/NDF: 32.6/21

All: 71.809+/-410.985 χ^2/NDF: 45.2/43

- sign 531.478+/-587.579 χ^2/NDF: 11.5/21

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1634.717+/-0.640 χ^2/NDF:222913.8/4

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

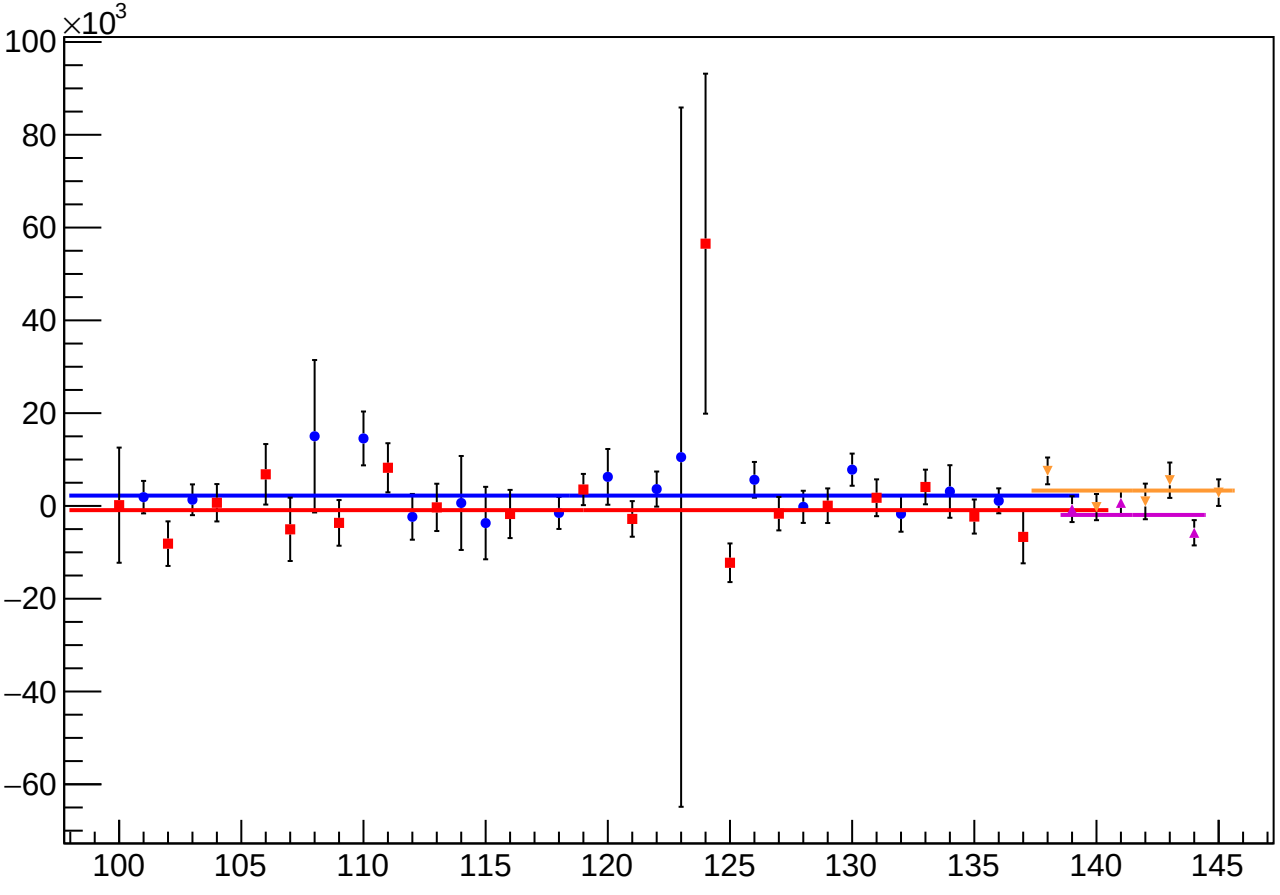
Left In: 1547.940+/-0.694 χ^2/NDF:2993.0/2

+ sign 1786.088+/-0.407 χ^2/NDF: 782795.9/21

All: 1780.430+/-0.291 χ^2/NDF: 1413948.3/43

- sign 1774.523+/-0.415 χ^2/NDF: 630756.6/21

dit_asym_atl1_mean vs Slug



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

Left Out: 3314.549+/-1408.551 χ^2/NDF:4.5/4

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

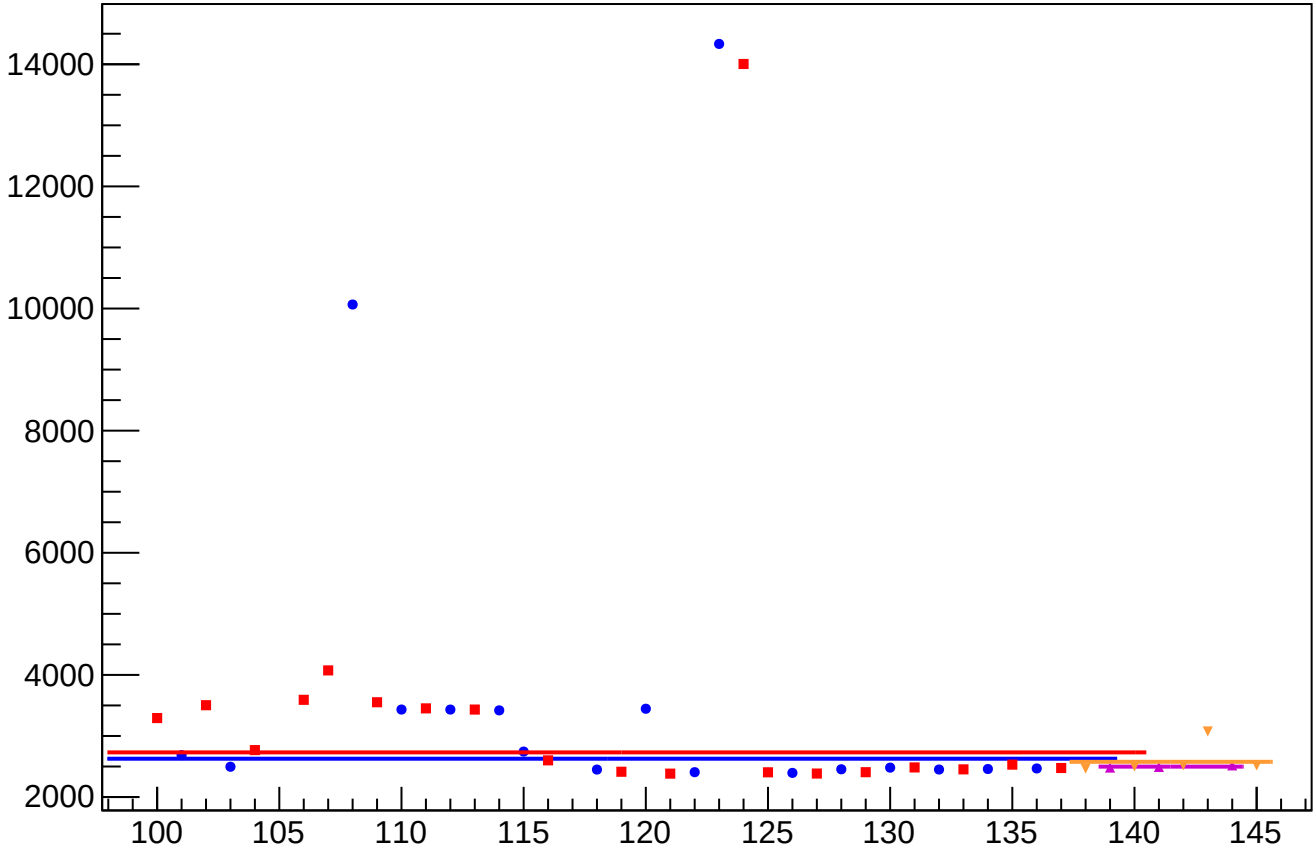
Left In: -1941.683+/-1583.239 χ^2/NDF:3.1/2

+ sign 2610.700+/-836.285 χ^2/NDF: 18.4/21

All: 777.002+/-603.986 χ^2/NDF: 54.8/43

- sign -1222.345+/-873.242 χ^2/NDF: 26.3/21

dit_asym_atl1_rms vs Slug



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

Left Out: 2576.994+/-0.996 χ^2/NDF:39709.5/4

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

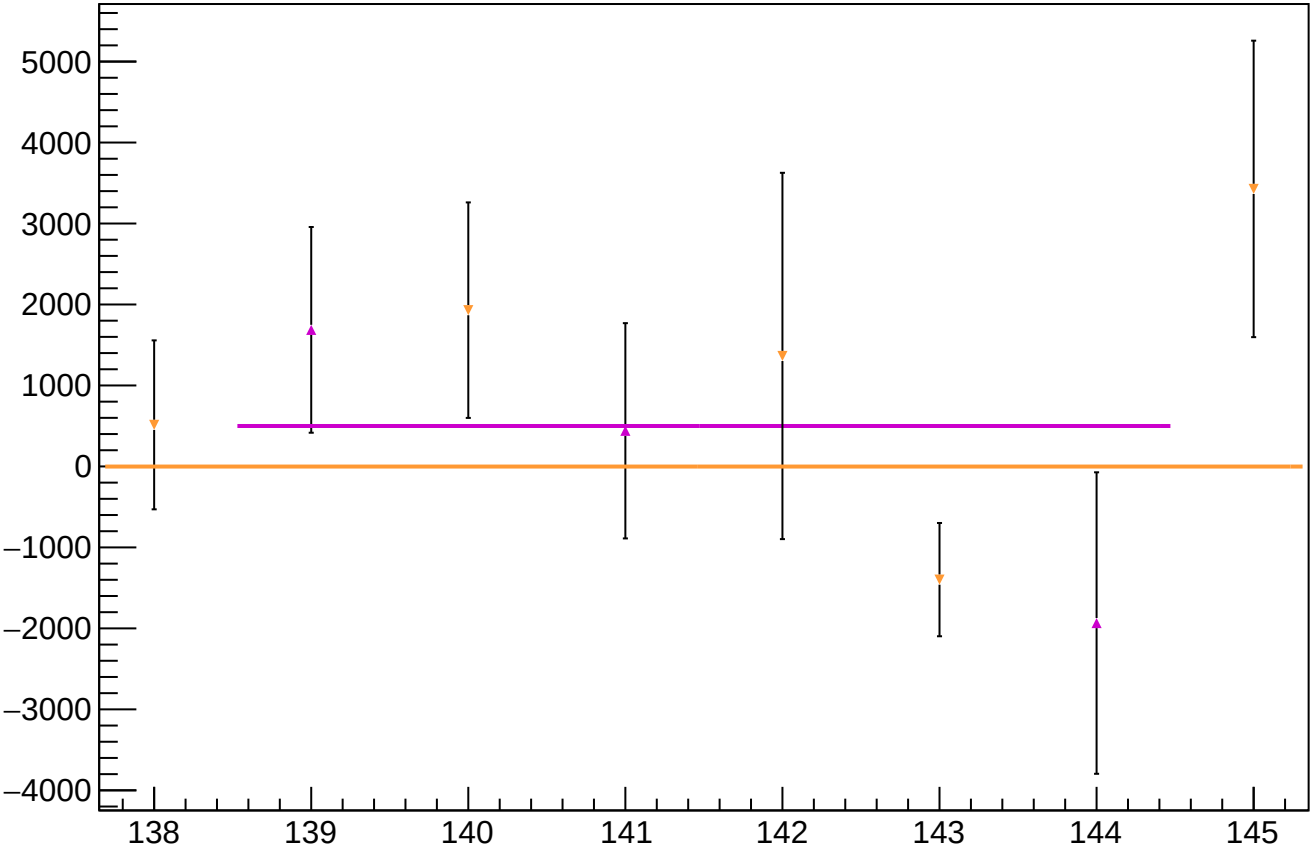
Left In: 2498.013+/-1.120 χ^2/NDF:181.6/2

+ sign 2609.742+/-0.591 χ^2/NDF: 685775.8/21

All: 2633.934+/-0.427 χ^2/NDF: 1317868.9/43

- sign 2660.311+/-0.617 χ^2/NDF: 628594.6/21

asym_atl1_correction_mean vs Slug



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

Left Out: -1.459+/-498.693 χ^2/NDF:10.2/4

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

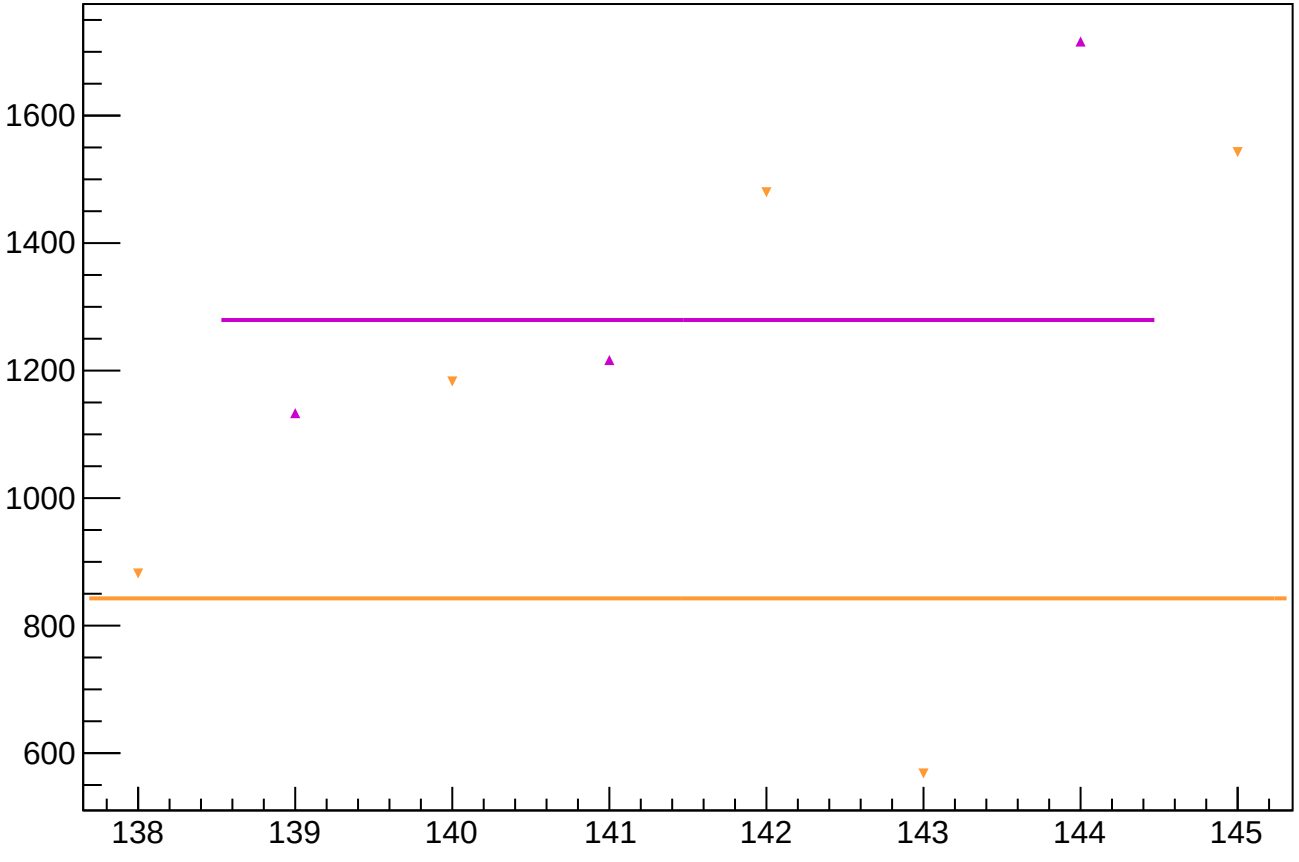
Left In: 499.397+/-823.620 χ^2/NDF:2.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 132.903+/-426.589 χ^2/NDF: 13.1/7

- 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: 842.737+/-0.353 χ^2/NDF:892840.6/4

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

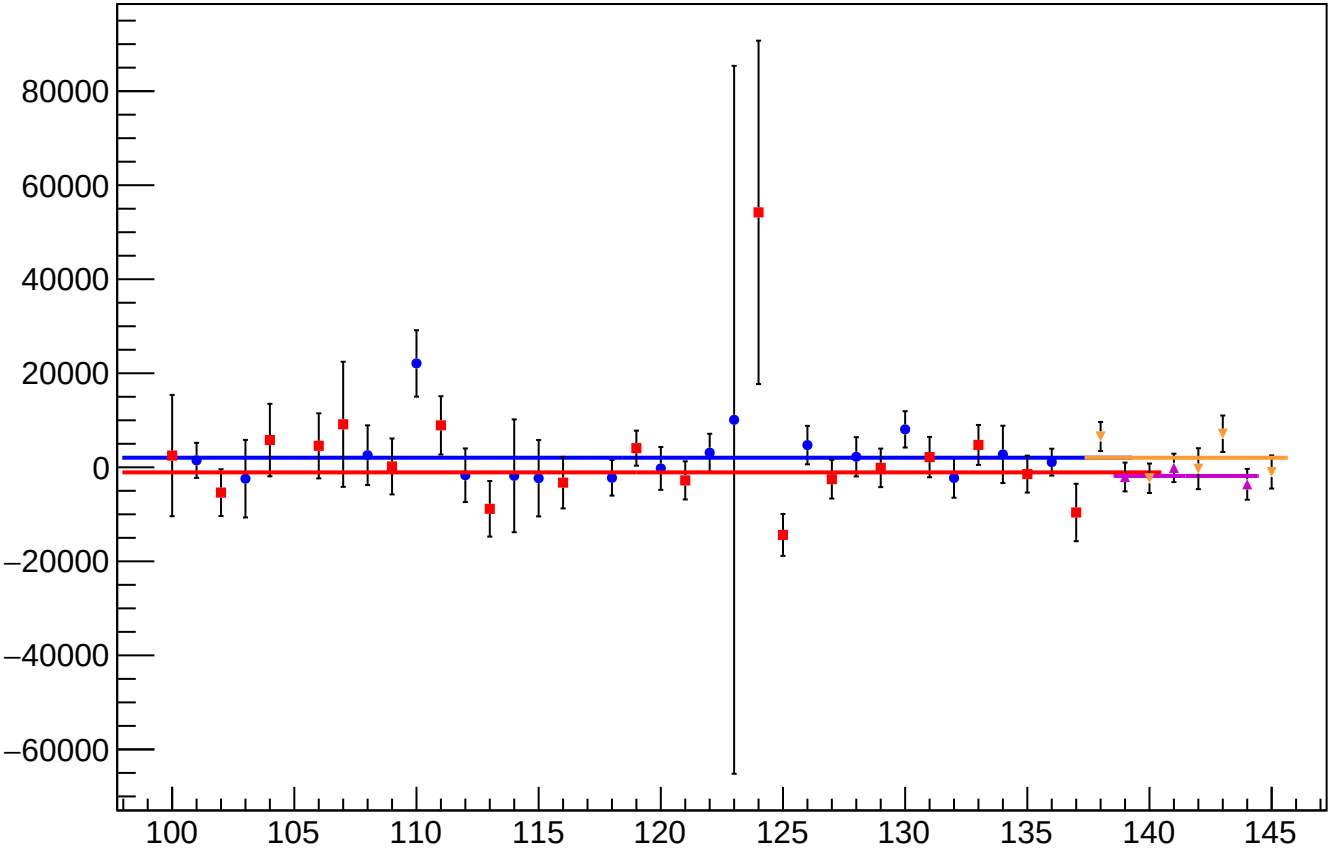
Left In: 1279.362+/-0.582 χ^2/NDF:141023.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 959.869+/-0.302 χ^2/NDF: 1445153.7/7

- 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: 2028.872+/-1569.143 χ^2/NDF:6.8/4

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

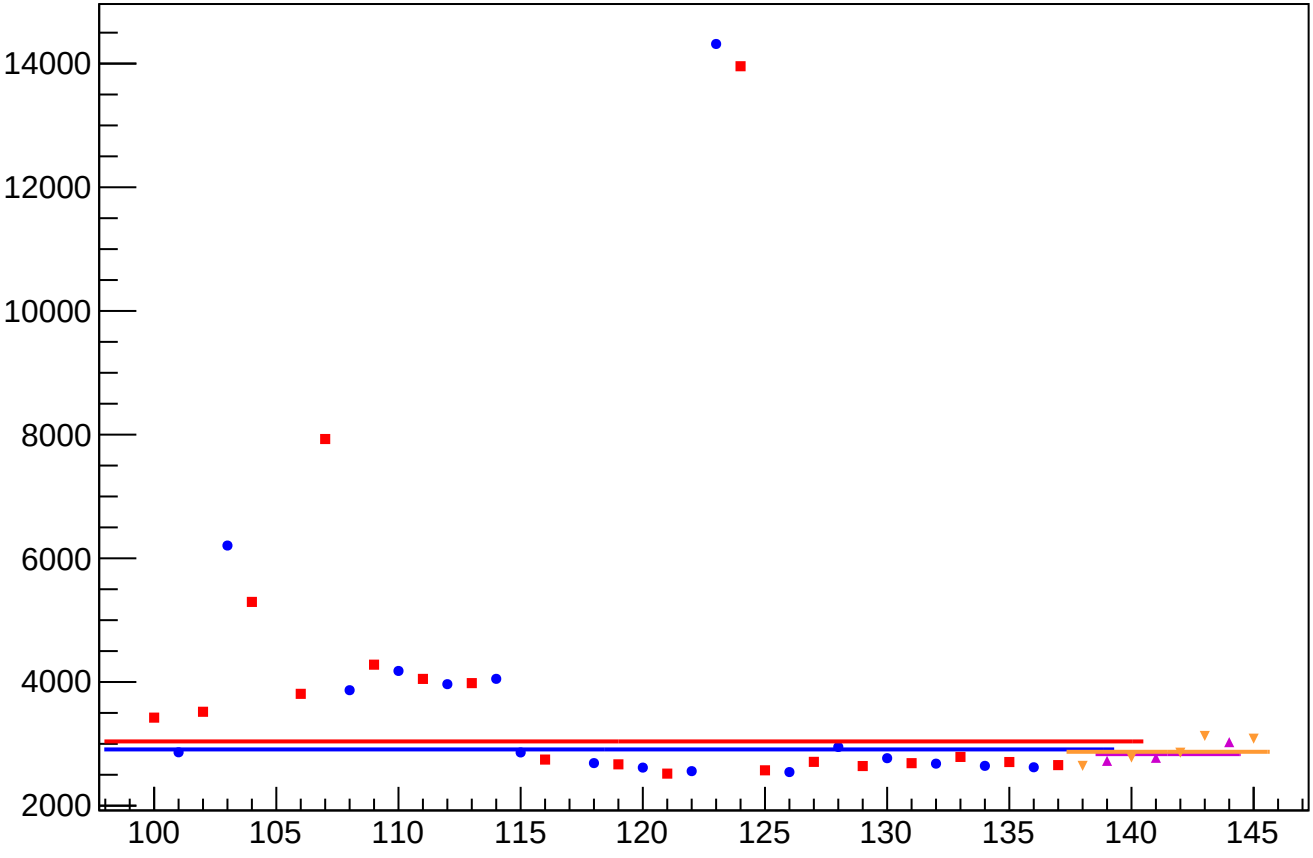
Left In: -1841.847+/-1798.775 χ^2/NDF:0.6/2

+ sign 2034.677+/-928.309 χ^2/NDF: 21.7/21

All: 470.172+/-677.344 χ^2/NDF: 53.8/43

- sign -1311.110+/-990.536 χ^2/NDF: 26.1/21

asym_atl1_rms vs Slug



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

Left Out: 2871.480+/-1.110 χ^2/NDF:28610.2/4

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

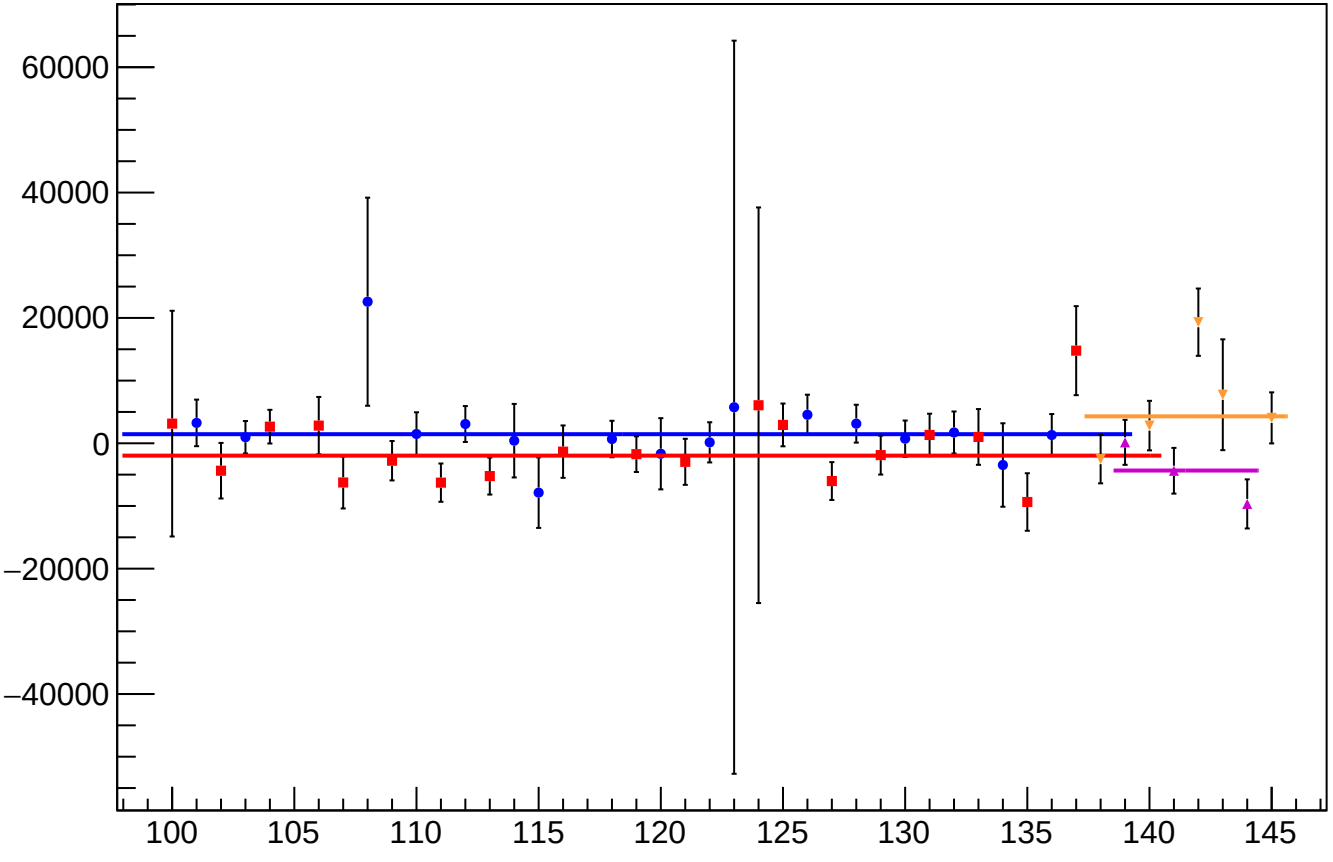
Left In: 2833.571+/-1.272 χ^2/NDF:10268.2/2

+ sign 2896.344+/-0.656 χ^2/NDF: 671277.5/21

All: 2933.960+/-0.479 χ^2/NDF: 1718071.2/43

- sign 2976.788+/-0.700 χ^2/NDF: 1039770.9/21

dit_asym_atl2_mean vs Slug



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

Left Out: 4301.823+/-2047.570 χ^2/NDF:11.2/4

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

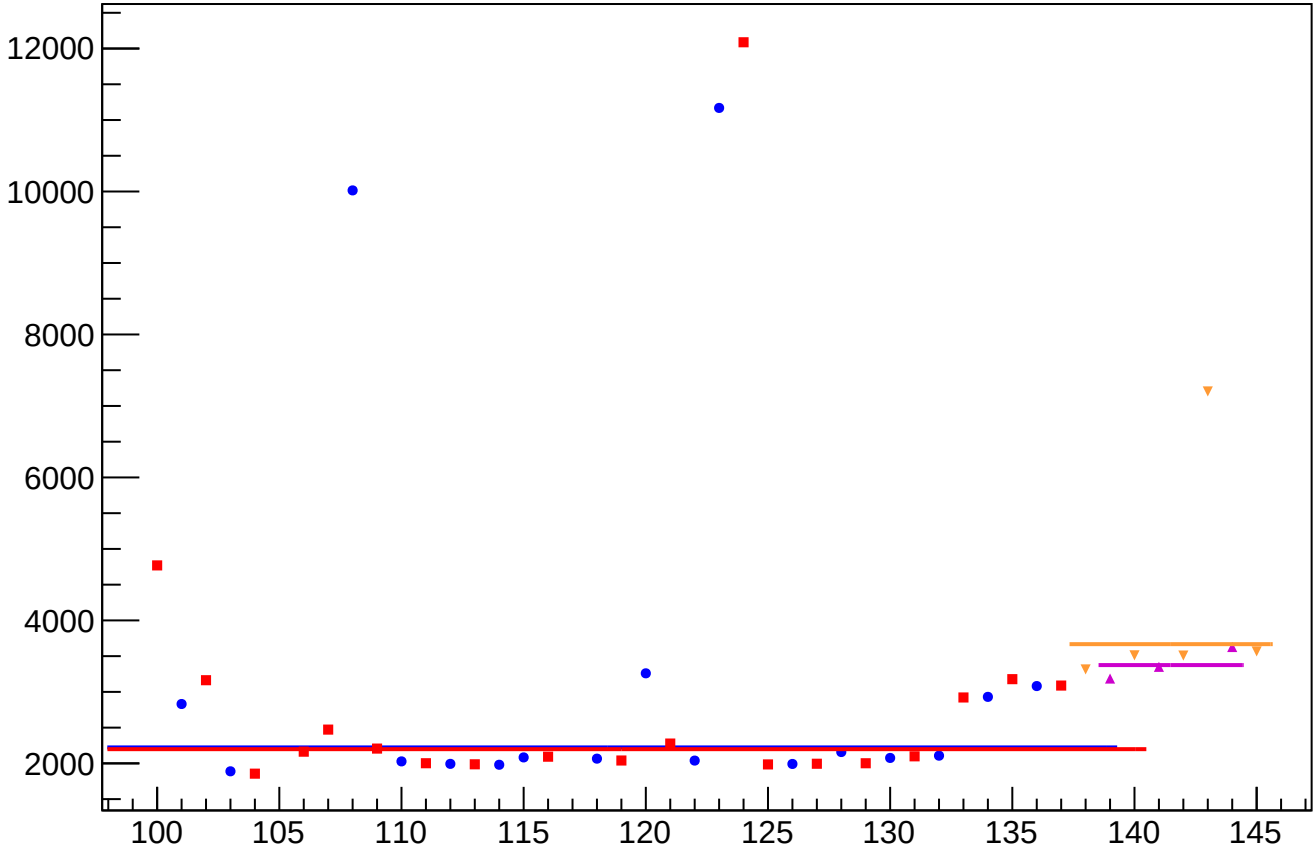
Left In: -4347.716+/-2141.764 χ^2/NDF:3.4/2

+ sign 1903.994+/-815.463 χ^2/NDF: 20.2/21

All: -259.943+/-567.569 χ^2/NDF: 60.8/43

- sign -2293.158+/-790.449 χ^2/NDF: 26.9/21

dit_asym_atl2_rms vs Slug



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

Left Out: 3667.763+/-1.448 χ^2/NDF:342614.9/4

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

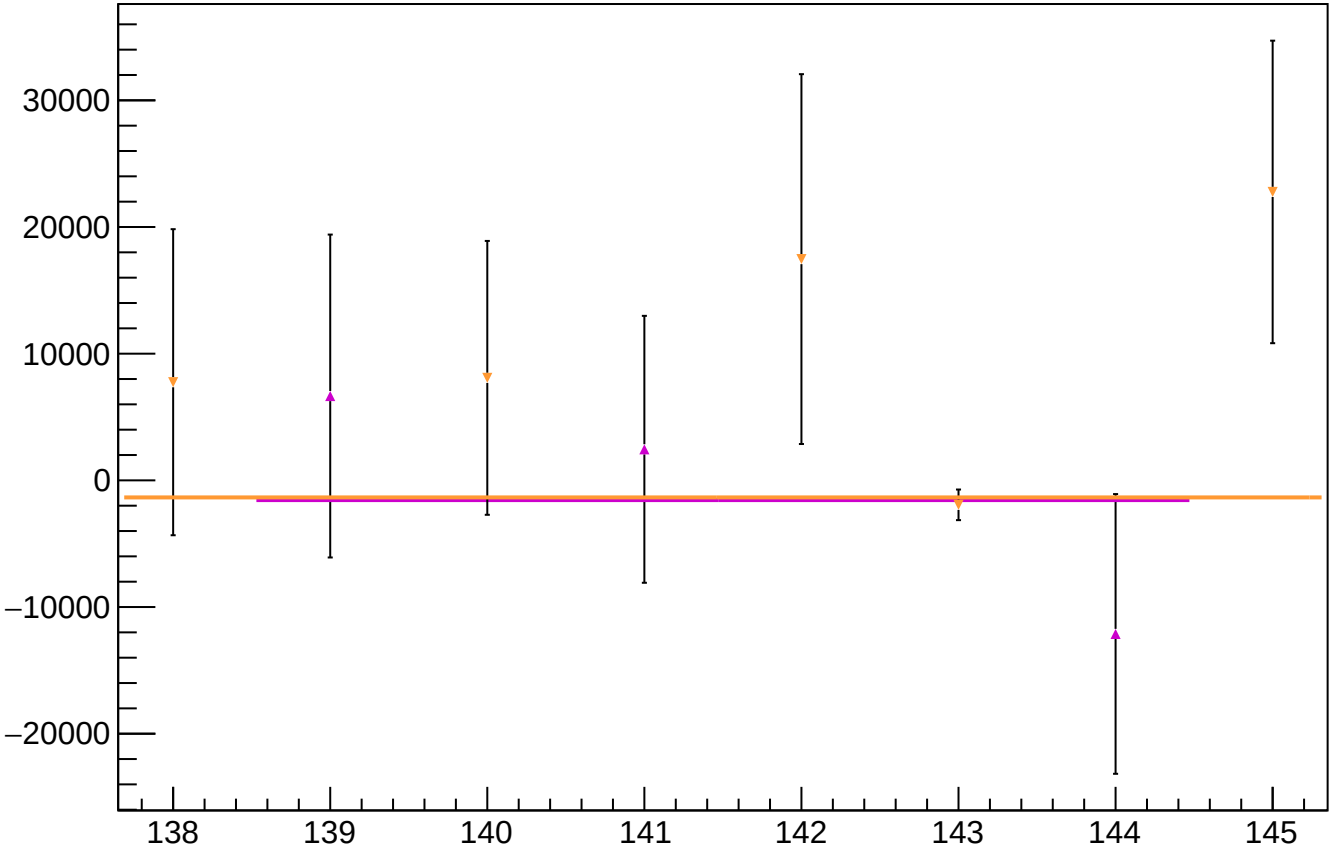
Left In: 3375.038+/-1.514 χ^2/NDF:13921.1/2

+ sign 2452.265+/-0.577 χ^2/NDF: 2030556.0/21

All: 2404.037+/-0.401 χ^2/NDF: 3181652.0/43

- sign 2358.778+/-0.559 χ^2/NDF: 1137535.6/21

asym_atl2_correction_mean vs Slug



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

Left Out: -1347.244+/-1185.419 χ^2/NDF:7.3/4

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

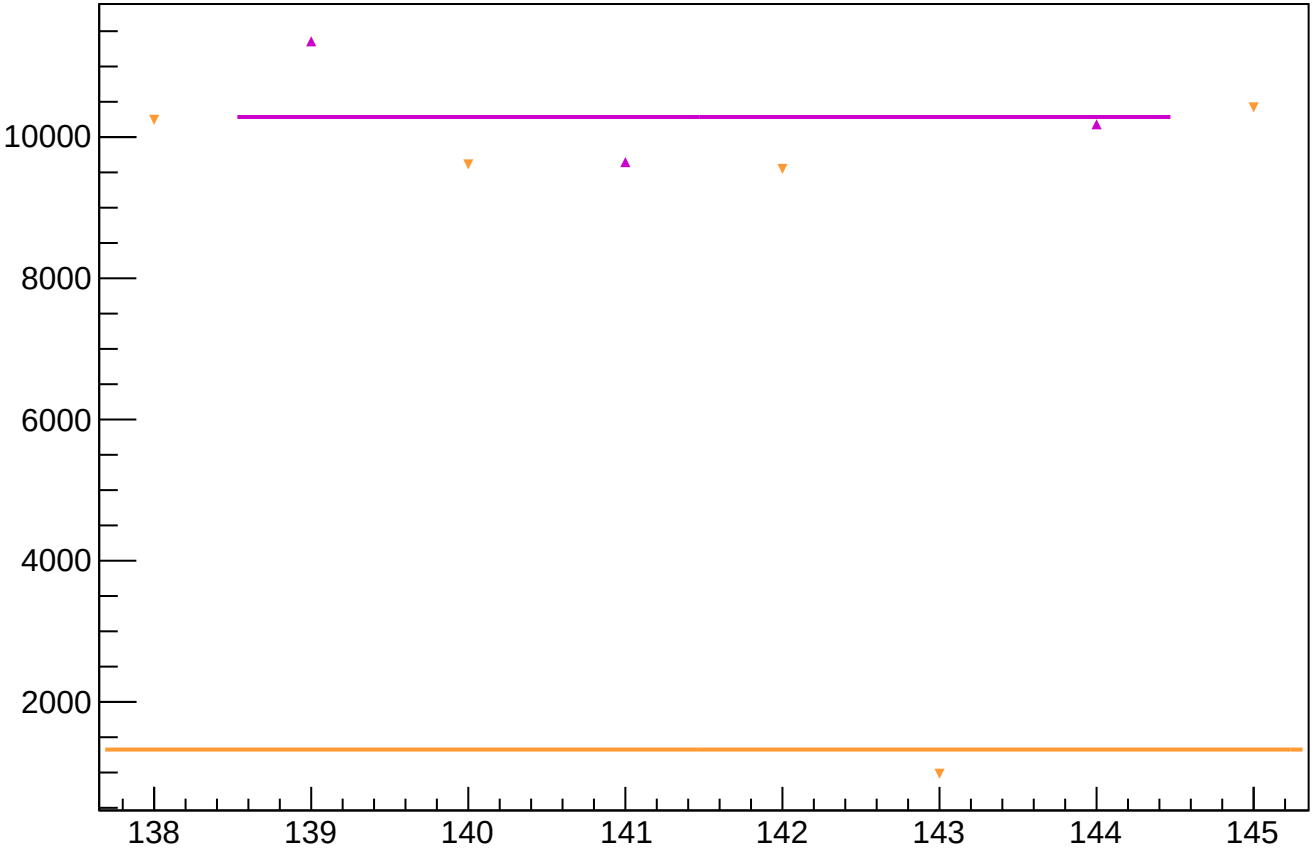
Left In: -1557.790+/-6541.661 χ^2/NDF:1.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1353.938+/-1166.423 χ^2/NDF: 8.8/7

- 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: 1325.282+/-0.838 χ^2/NDF:4221549.0/4

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

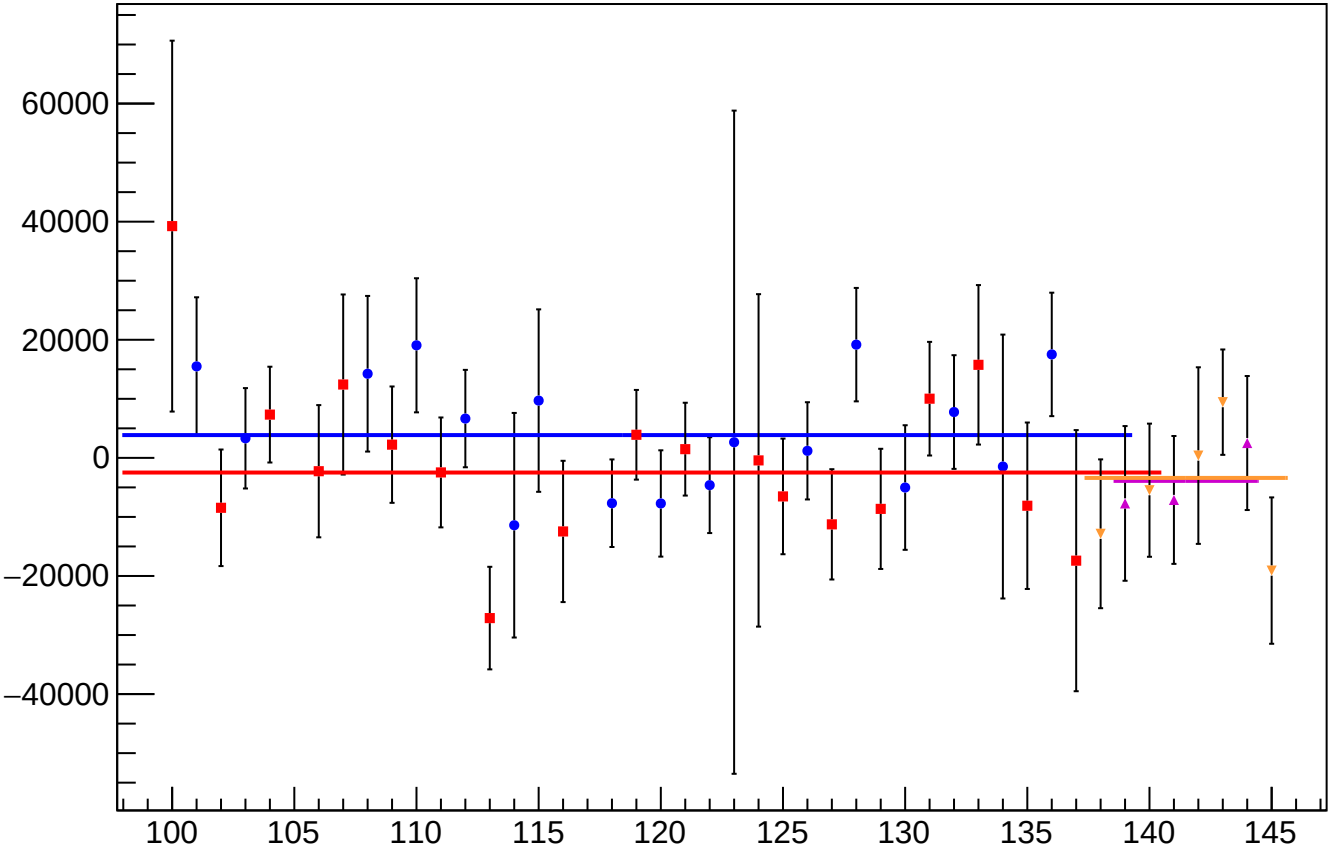
Left In: 10284.641+/-4.626 χ^2/NDF:21677.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1610.130+/-0.825 χ^2/NDF: 7875476.6/7

- 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: -3394.548+/-5149.590 χ^2/NDF:4.3/4

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

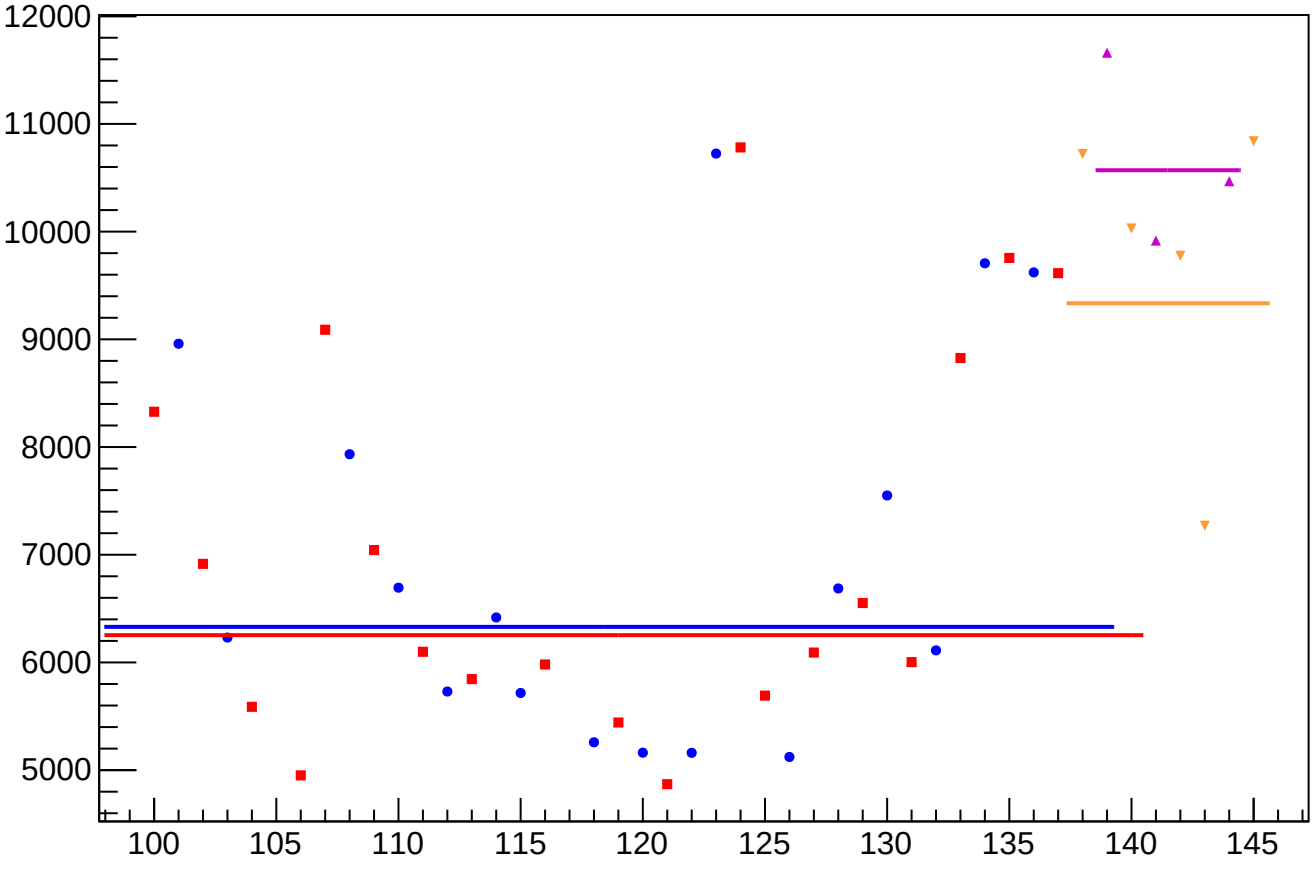
Left In: -3895.216+/-6722.969 χ^2/NDF:0.5/2

+ sign 2468.337+/-2255.369 χ^2/NDF: 20.7/21

All: -62.770+/-1602.751 χ^2/NDF: 43.8/43

- sign -2645.081+/-2278.067 χ^2/NDF: 20.6/21

asym_atl2_rms vs Slug



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

Left Out: 9334.787+/-3.641 χ^2/NDF:170153.8/4

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

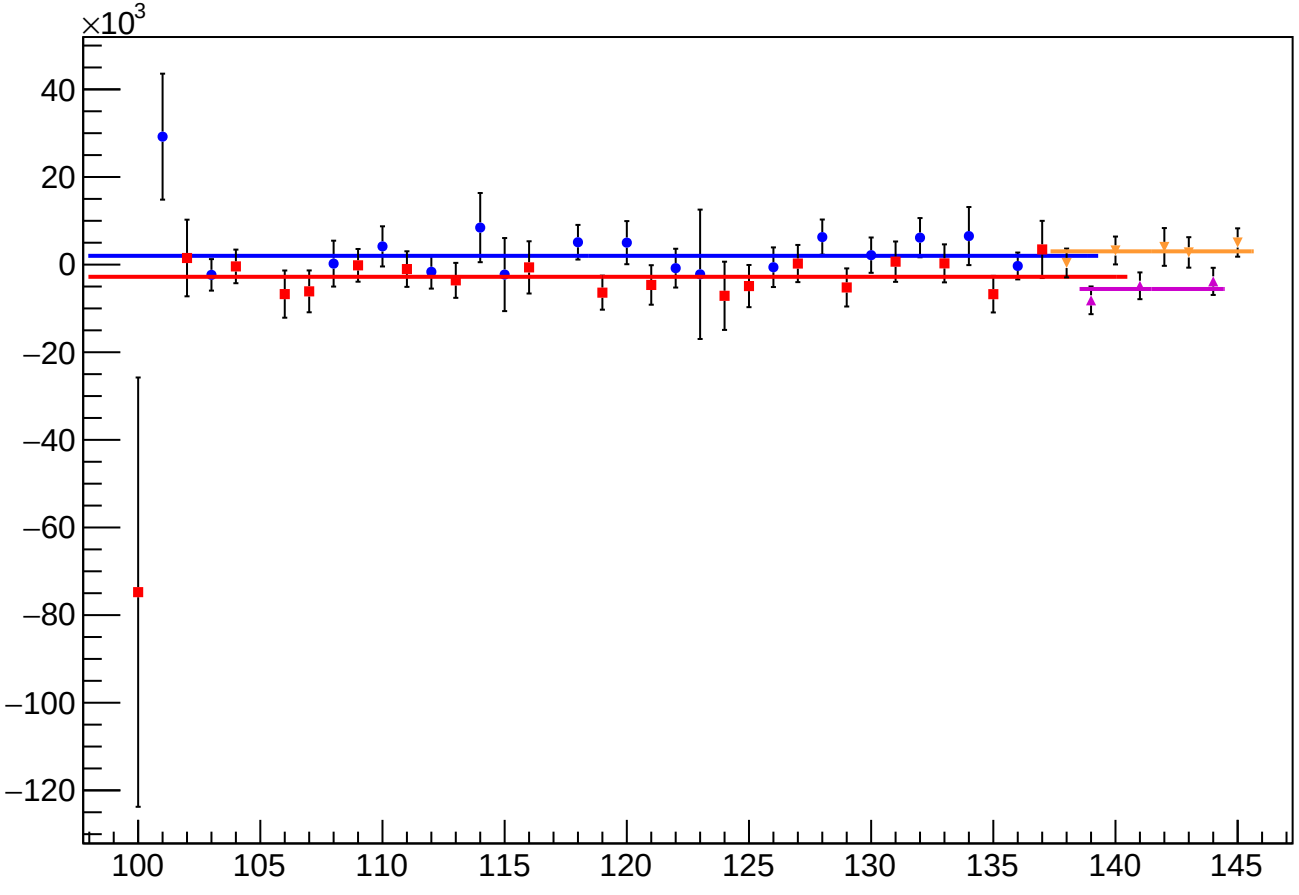
Left In: 10569.960+/-4.754 χ^2/NDF:21325.5/2

+ sign 6906.604+/-1.595 χ^2/NDF: 1313771.0/21

All: 6828.547+/-1.133 χ^2/NDF: 2605142.7/43

- sign 6748.918+/-1.611 χ^2/NDF: 1286532.3/21

dit_asym_atr1_mean vs Slug



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

Left Out: 3029.524+/-1537.118 χ^2/NDF:1.1/4

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

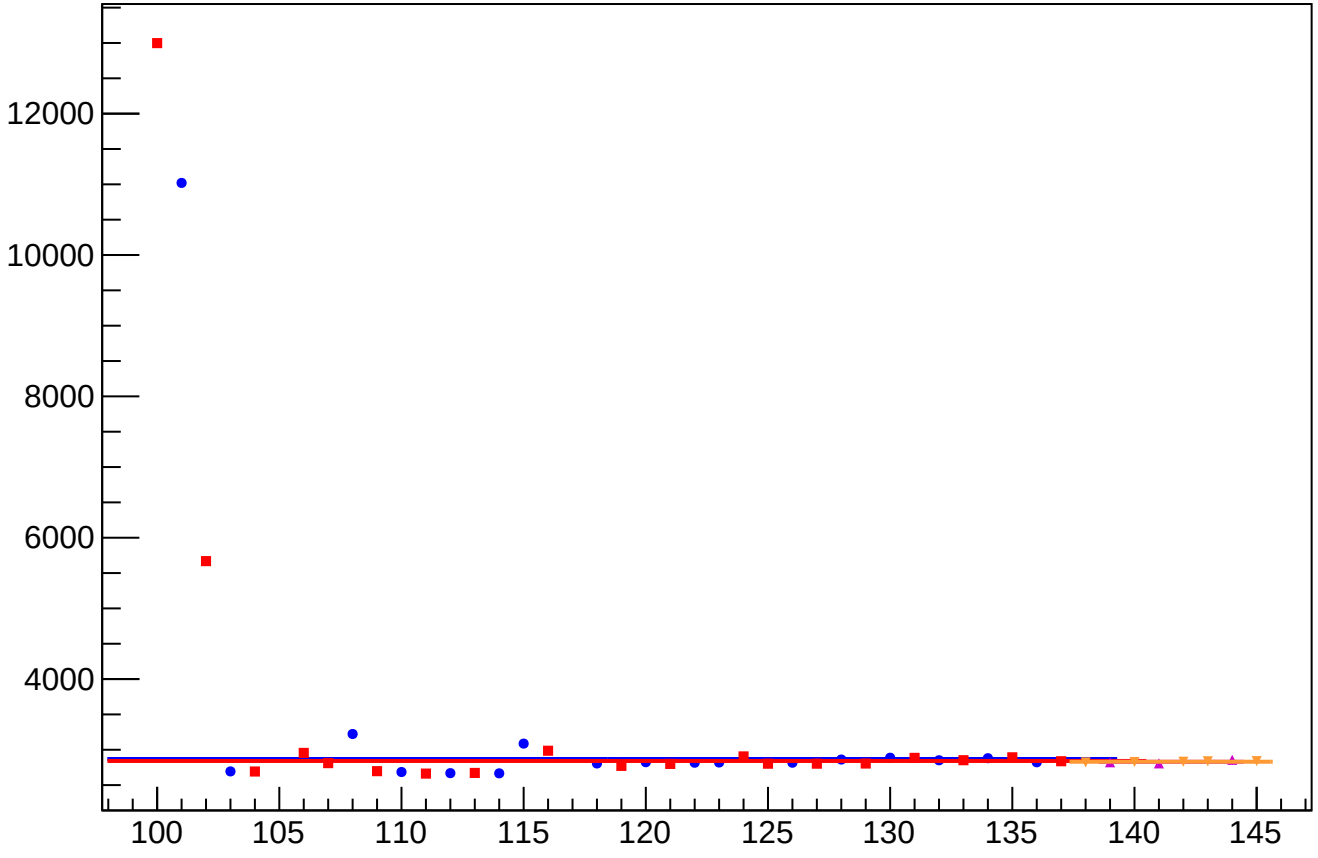
Left In: -5560.379+/-1791.854 χ^2/NDF:1.0/2

+ sign 2366.433+/-912.665 χ^2/NDF: 13.4/21

All: -528.931+/-650.995 χ^2/NDF: 46.6/43

- sign -3527.840+/-928.841 χ^2/NDF: 12.7/21

dit_asym_atr1_rms vs Slug



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

Left Out: 2830.695+/-1.087 χ^2/NDF:39.3/4

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

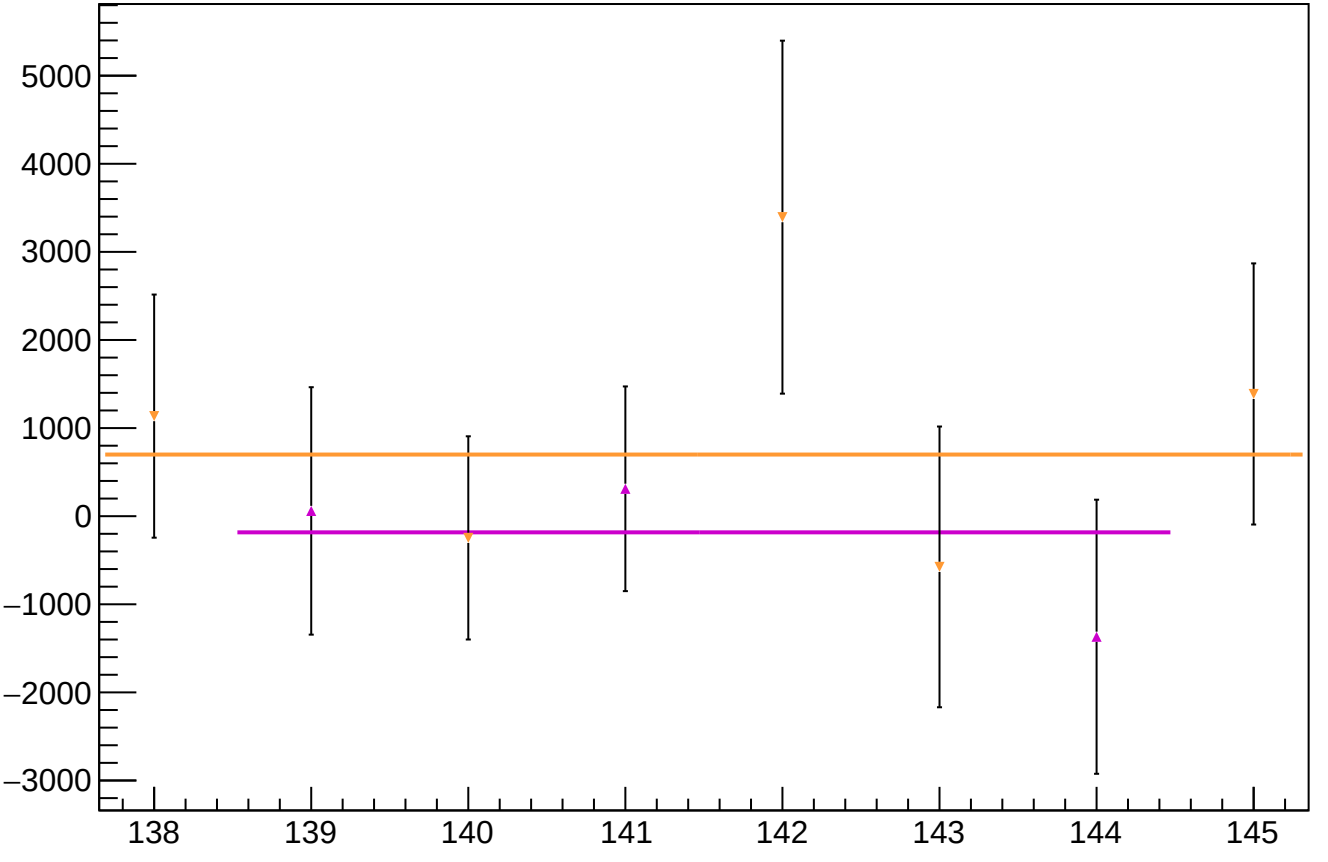
Left In: 2829.266+/-1.267 χ^2/NDF:282.2/2

+ sign 2855.623+/-0.645 χ^2/NDF: 670752.3/21

All: 2847.093+/-0.460 χ^2/NDF: 983982.0/43

- sign 2838.257+/-0.657 χ^2/NDF: 312874.0/21

asym_atr1_correction_mean vs Slug



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

Left Out: 699.609+/-648.830 χ^2/NDF:3.4/4

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

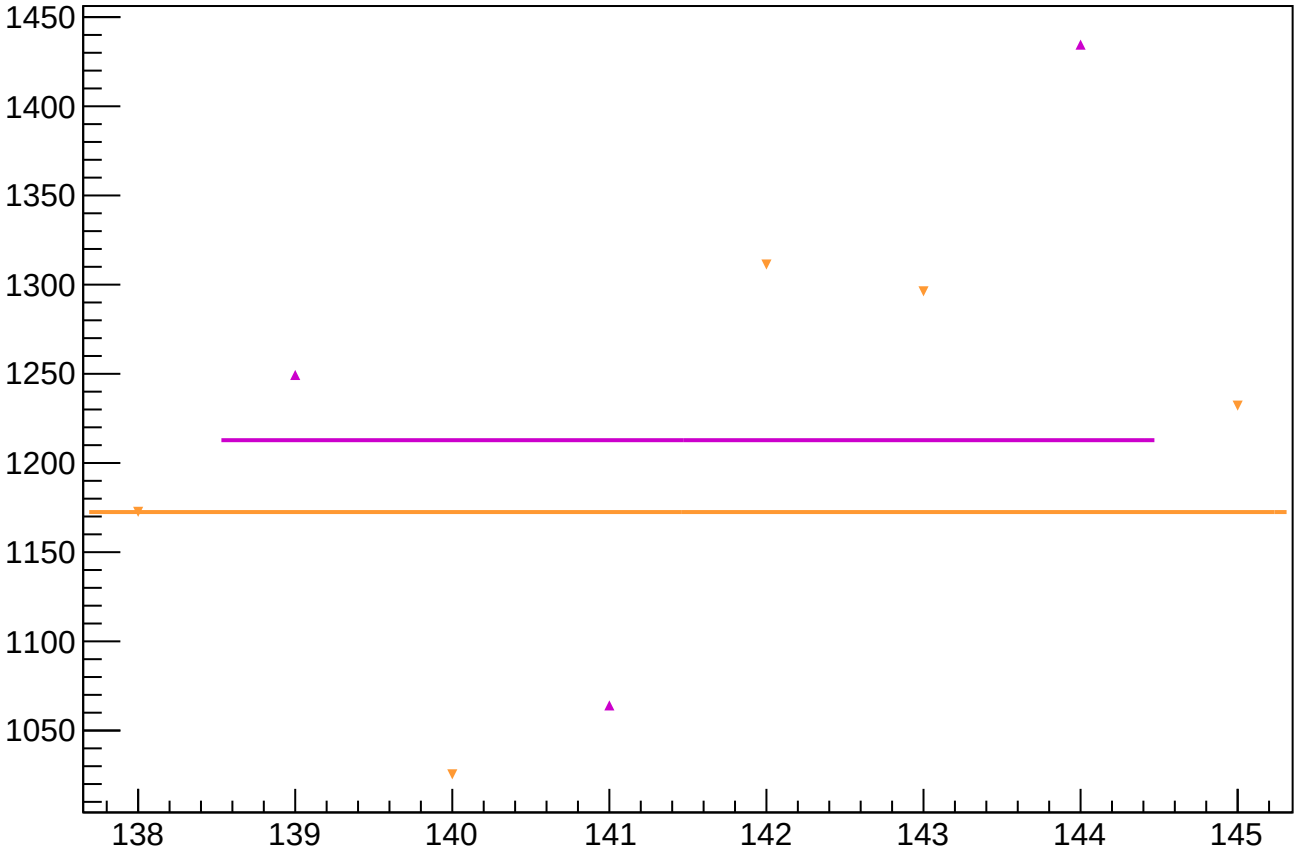
Left In: -183.432+/-775.856 χ^2/NDF:0.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 336.200+/-497.724 χ^2/NDF: 5.0/7

- 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: 1172.493+/-0.459 χ^2/NDF:57425.4/4

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

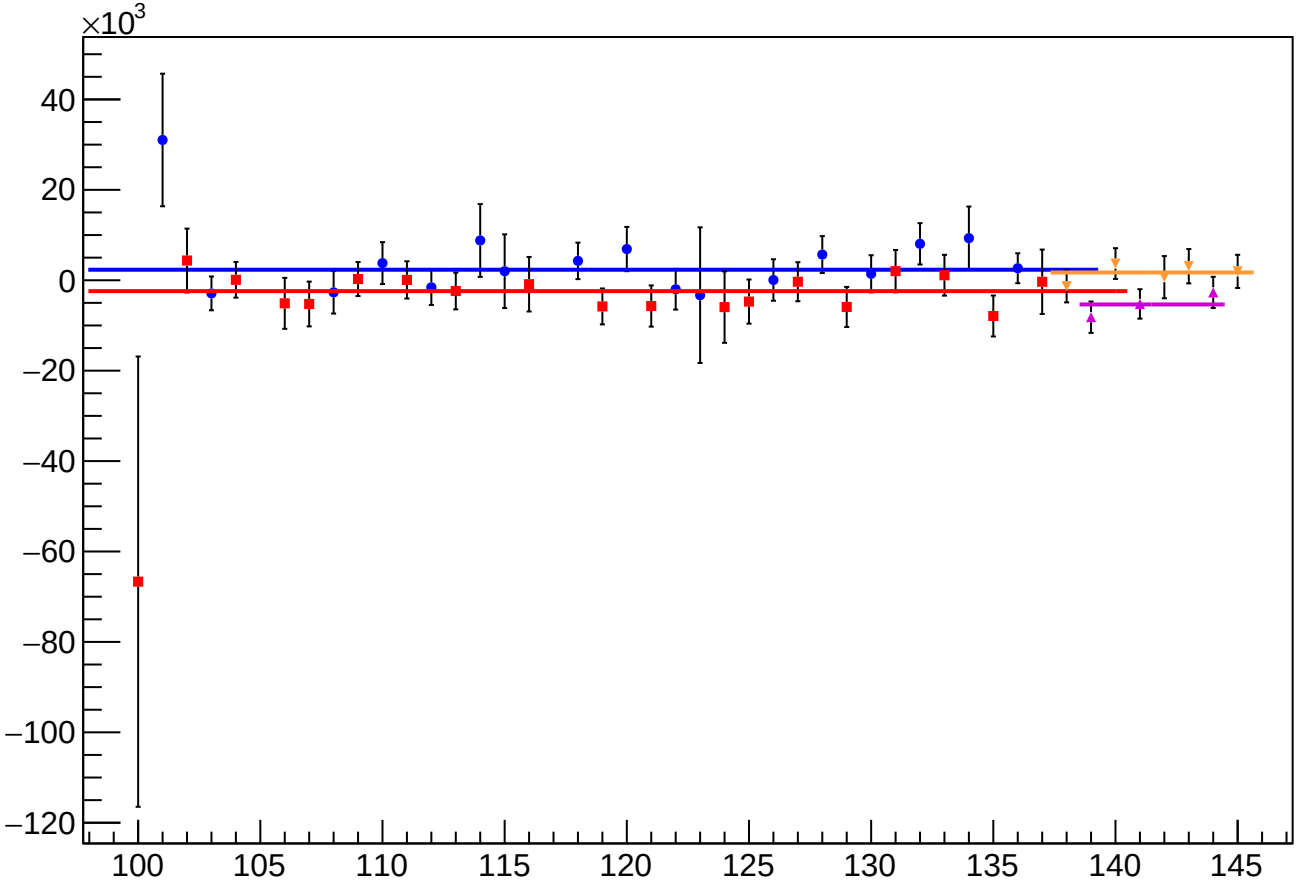
Left In: 1212.789+/-0.549 χ^2/NDF:74773.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1189.077+/-0.352 χ^2/NDF: 135373.9/7

- 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: 1718.852+/-1680.699 χ^2/NDF:1.2/4

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

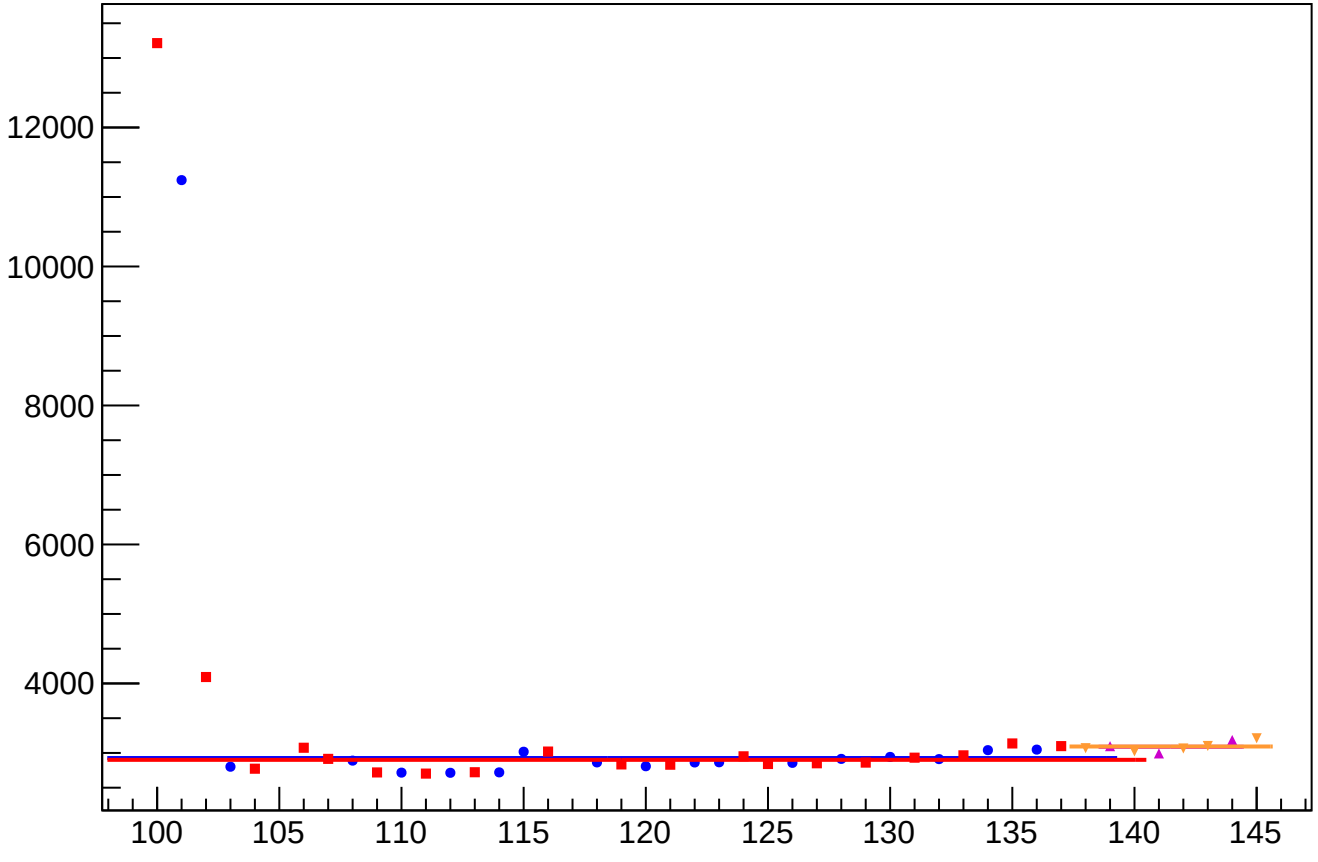
Left In: -5350.524+/-1956.991 χ^2/NDF:1.3/2

+ sign 2133.692+/-952.765 χ^2/NDF: 15.7/21

All: -458.642+/-678.187 χ^2/NDF: 43.8/43

- sign -3121.103+/-965.566 χ^2/NDF: 13.0/21

asym_atr1_rms vs Slug



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

Left Out: 3092.830+/-1.188 χ^2/NDF:3113.8/4

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

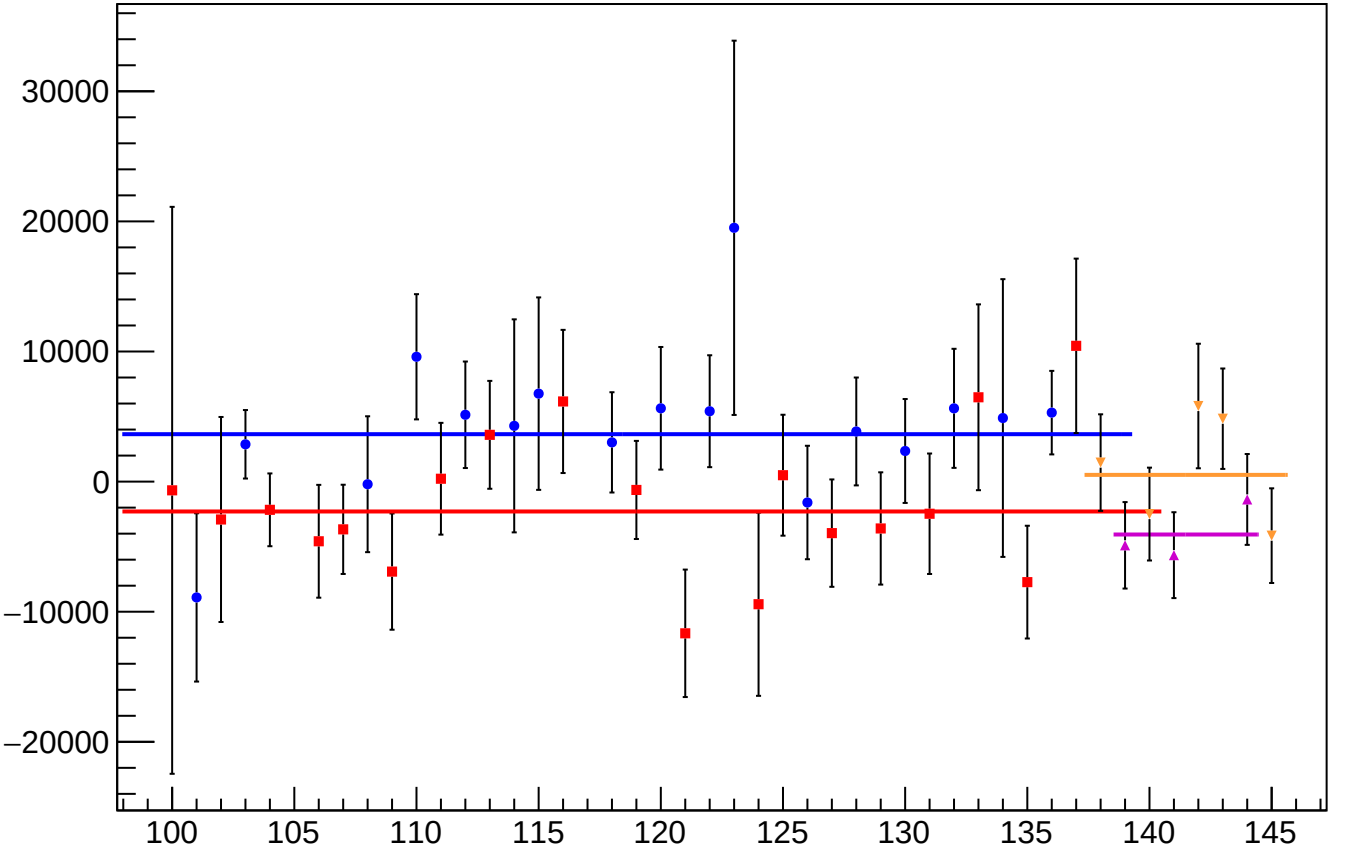
Left In: 3088.428+/-1.384 χ^2/NDF:3323.2/2

+ sign 2980.027+/-0.674 χ^2/NDF: 679183.7/21

All: 2963.485+/-0.480 χ^2/NDF: 867500.4/43

- sign 2946.496+/-0.683 χ^2/NDF: 187094.6/21

dit_asym_atr2_mean vs Slug



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

Left Out: 517.103+/-1721.393 χ^2/NDF:4.9/4

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

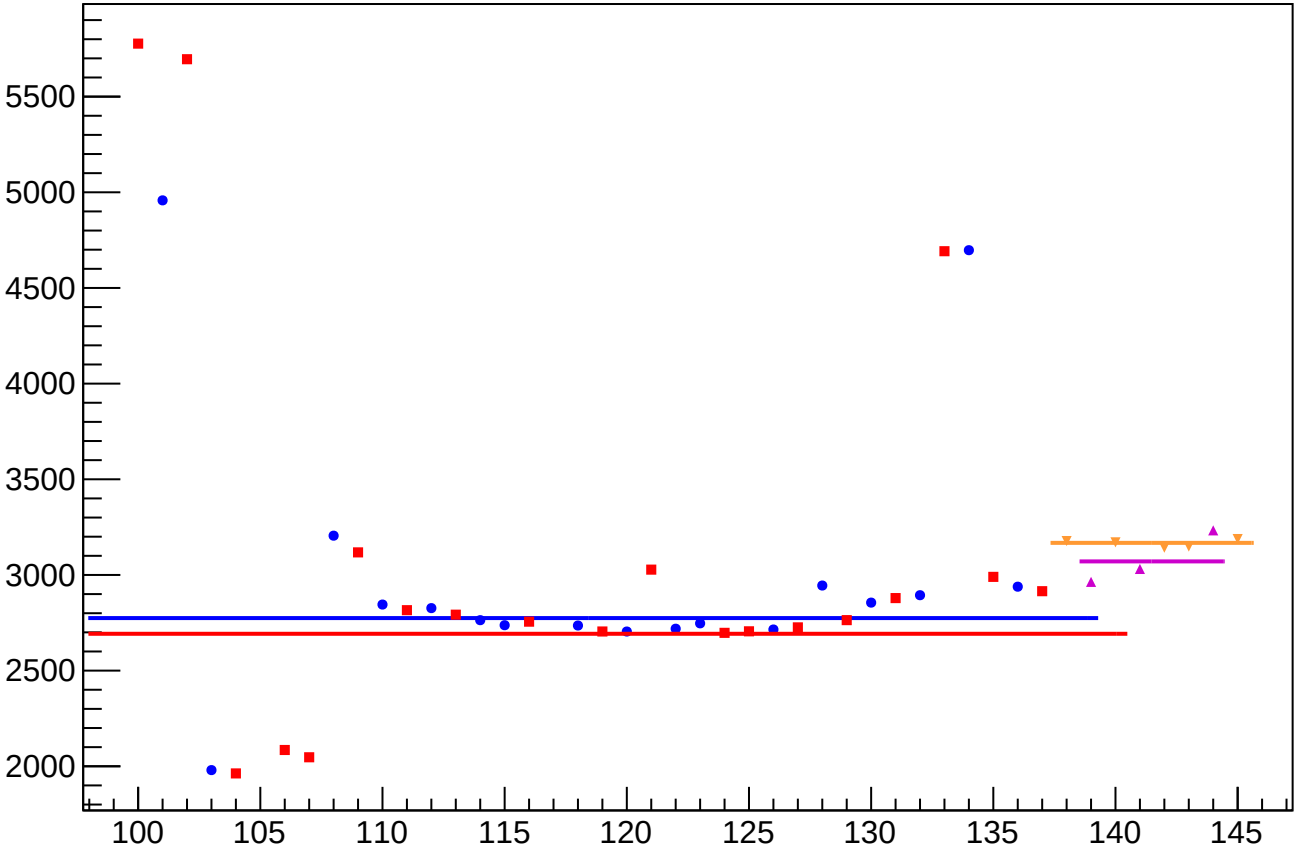
Left In: -4065.858+/-1944.561 χ^2/NDF:0.9/2

+ sign 2748.245+/-921.801 χ^2/NDF: 17.1/21

All: 27.261+/-651.802 χ^2/NDF: 54.5/43

- sign -2693.571+/-921.775 χ^2/NDF: 20.0/21

dit_asym_atr2_rms vs Slug



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

Left Out: 3167.734+/-1.217 χ^2/NDF:180.7/4

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

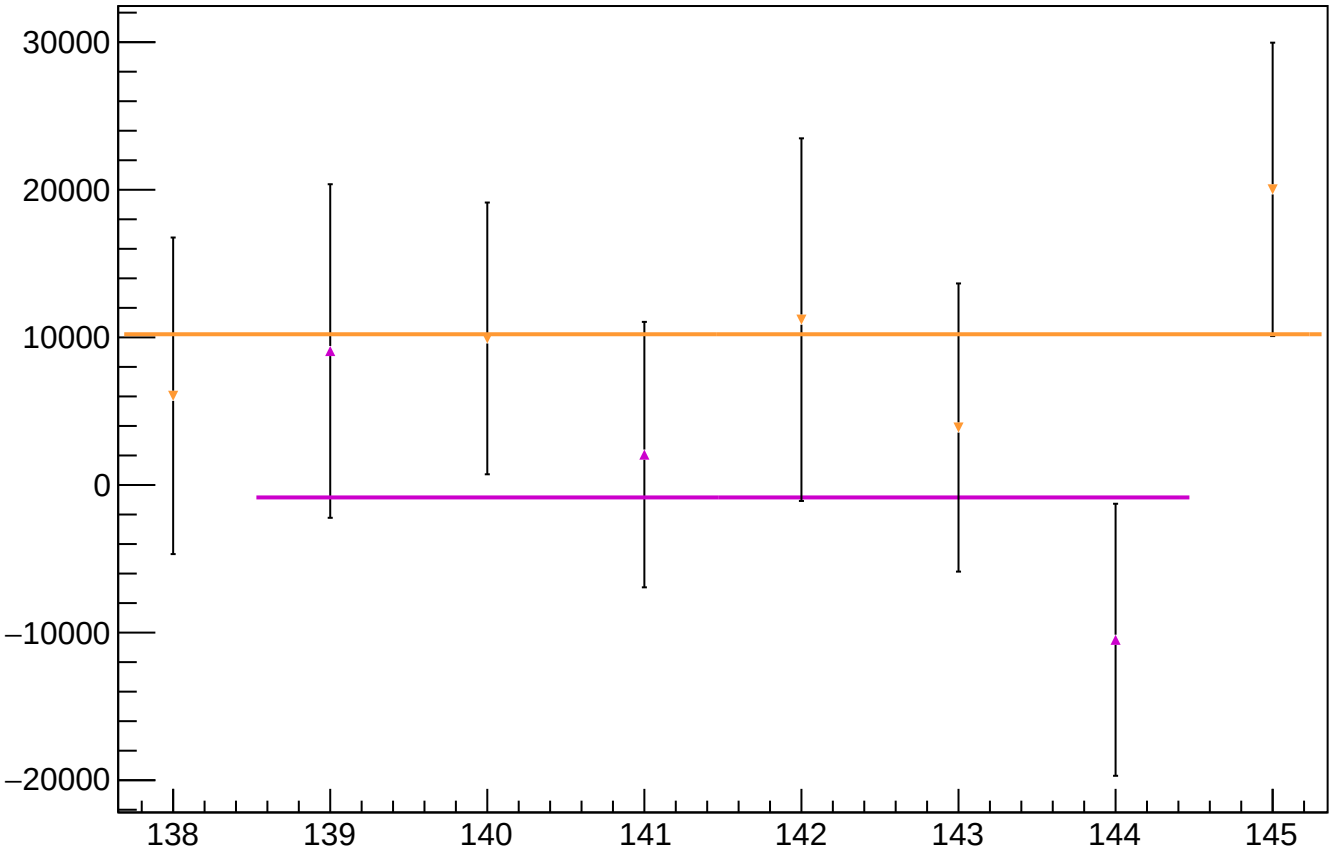
Left In: 3070.810+/-1.375 χ^2/NDF:6676.6/2

+ sign 2887.346+/-0.652 χ^2/NDF: 576256.9/21

All: 2832.393+/-0.461 χ^2/NDF: 1436106.4/43

- sign 2777.471+/-0.652 χ^2/NDF: 845637.9/21

asym_atr2_correction_mean vs Slug



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

Left Out: 10212.721+/-4576.477 χ^2/NDF:1.6/4

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

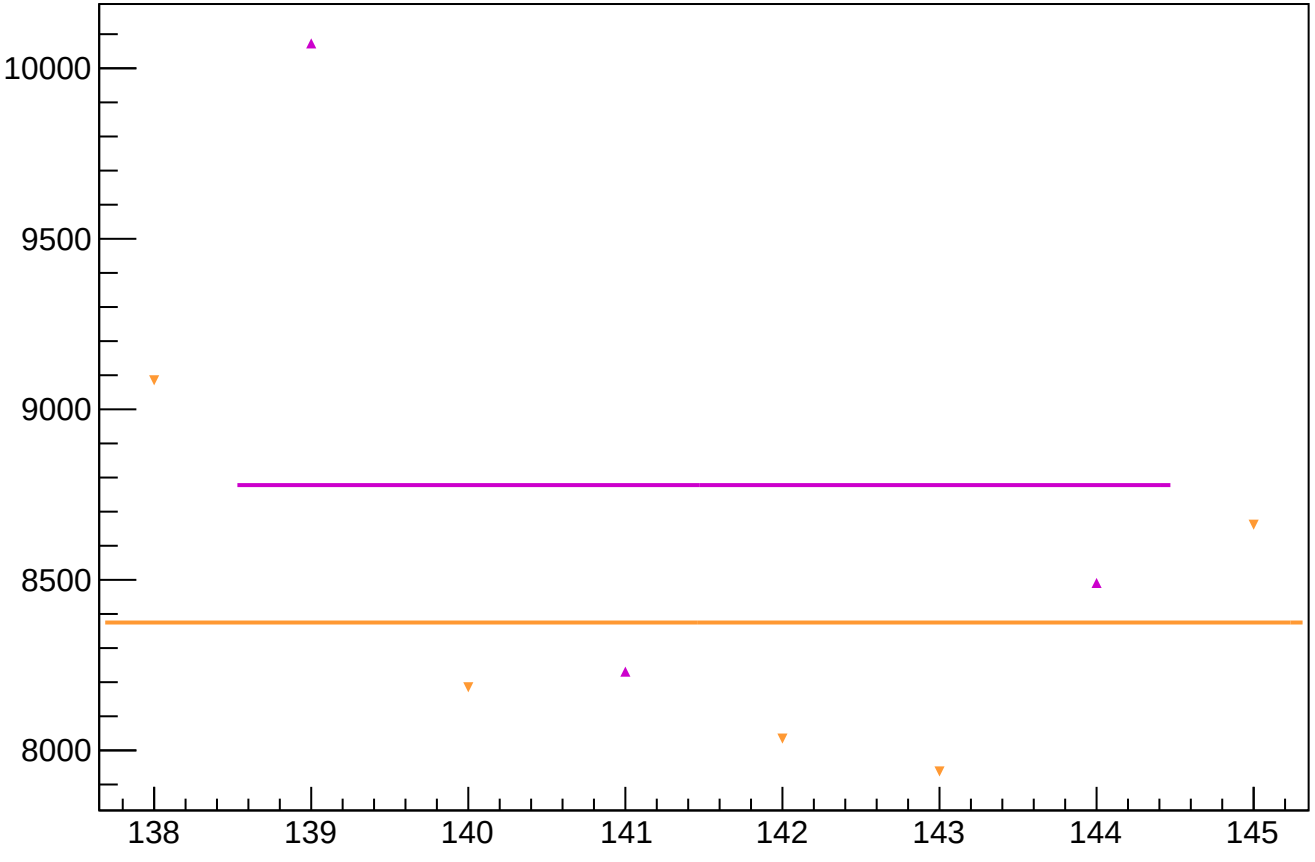
Left In: -842.450+/-5592.160 χ^2/NDF:2.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5778.461+/-3541.665 χ^2/NDF: 5.9/7

- 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: 8374.952+/-3.236 χ^2/NDF:16827.3/4

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

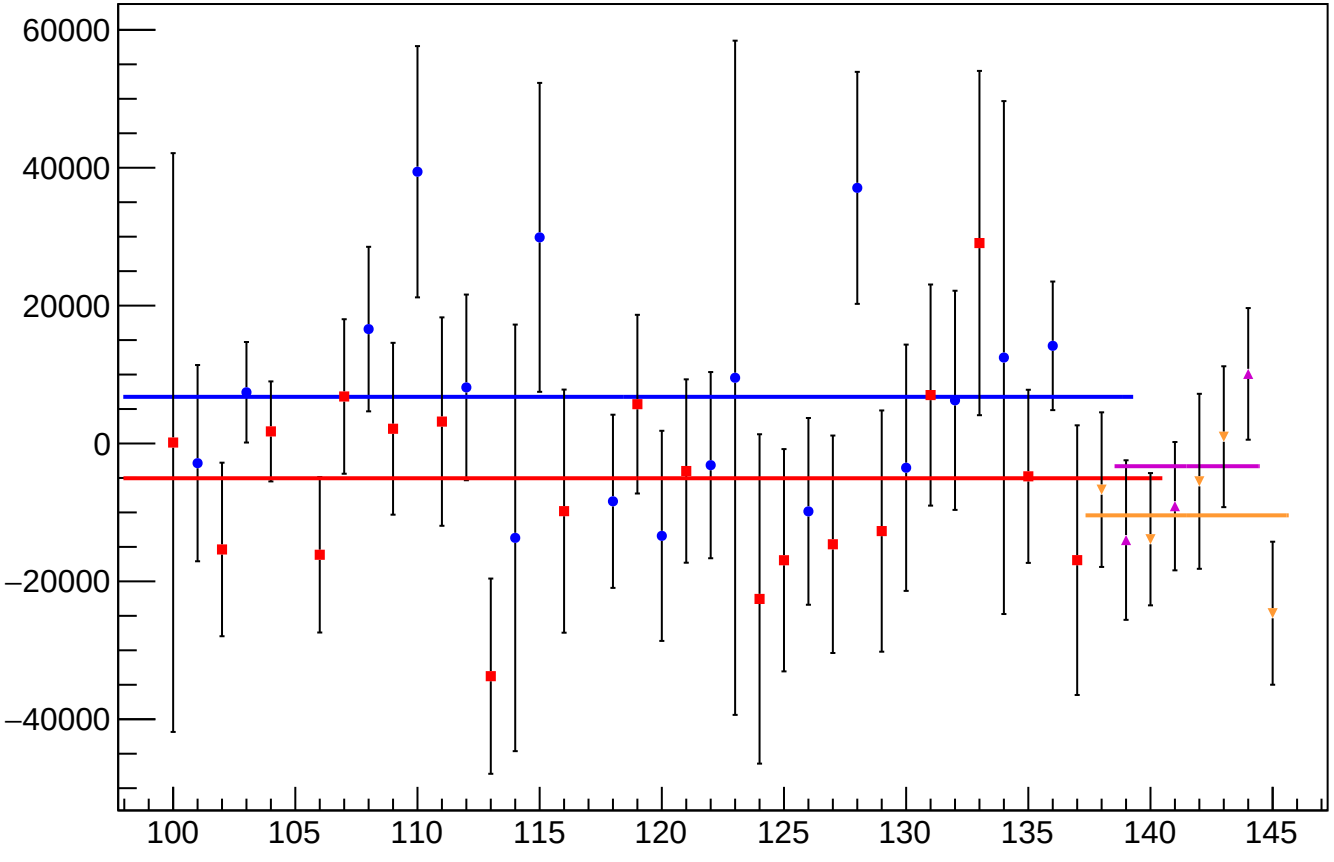
Left In: 8777.863+/-3.954 χ^2/NDF:35612.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8536.561+/-2.504 χ^2/NDF: 58657.1/7

- 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: -10423.014+/-4772.986 χ^2/NDF:3.5/4

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

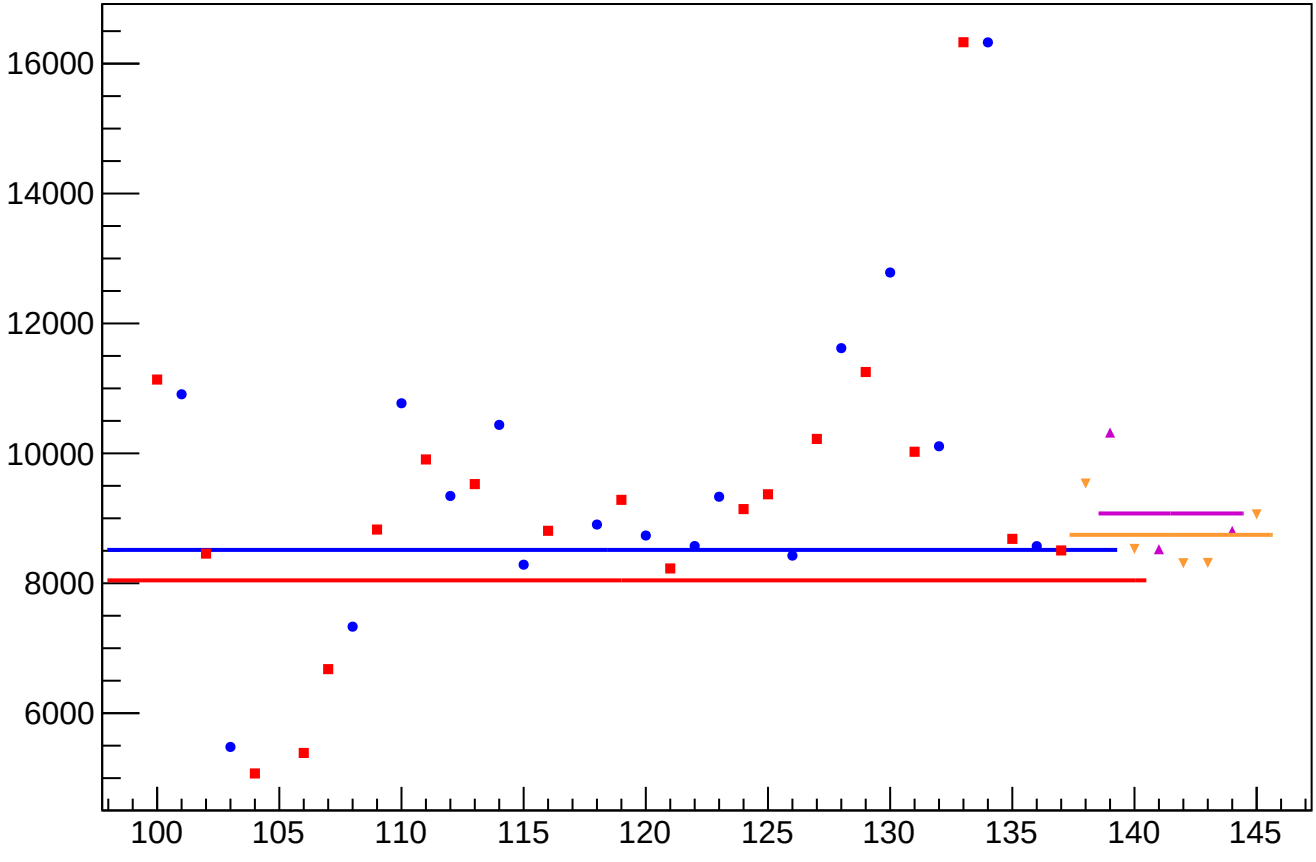
Left In: -3296.327+/-5775.887 χ^2/NDF:3.2/2

+ sign 1009.824+/-2762.275 χ^2/NDF: 27.5/21

All: -1798.669+/-1958.537 χ^2/NDF: 46.5/43

- sign -4637.932+/-2777.366 χ^2/NDF: 16.9/21

asym_atr2_rms vs Slug



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

Left Out: 8745.564+/-3.375 χ^2/NDF:18735.7/4

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

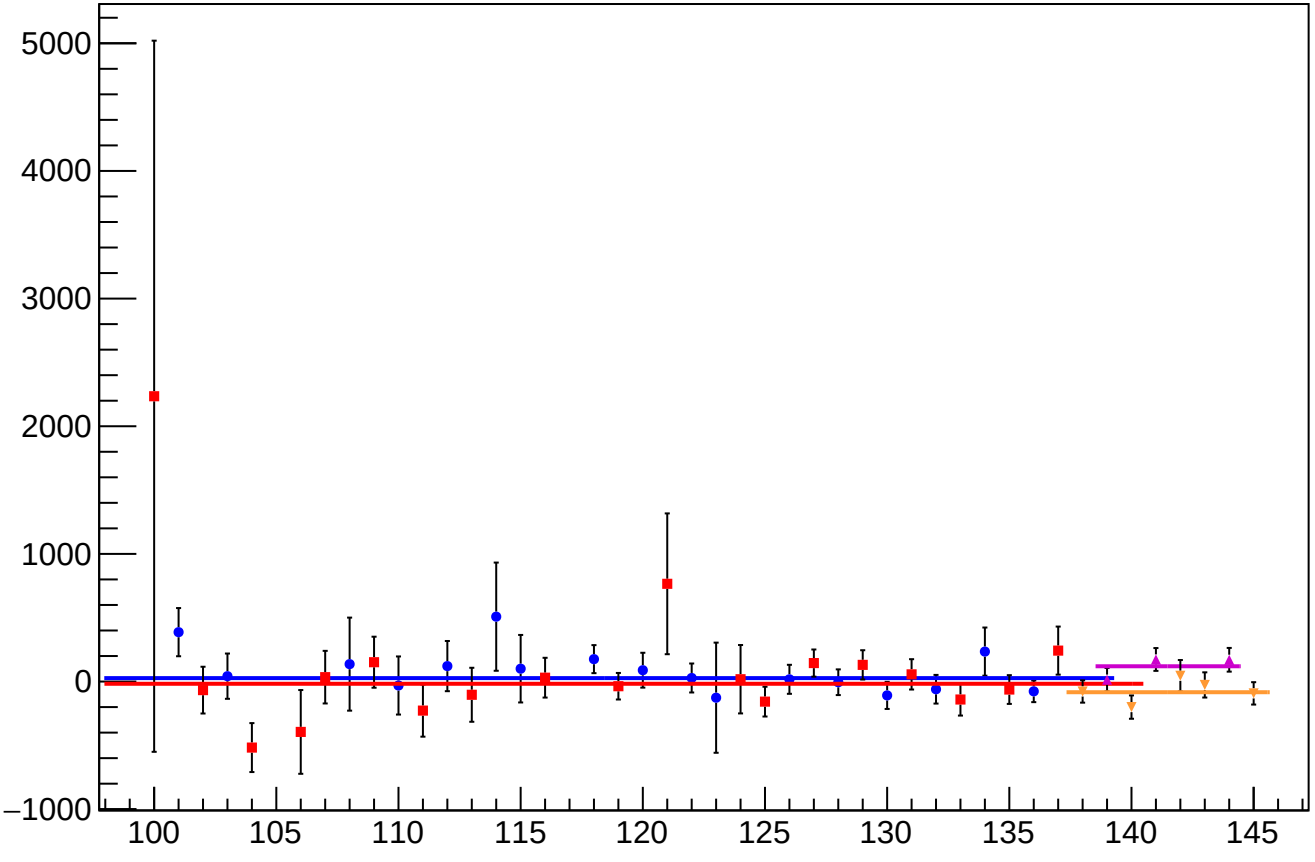
Left In: 9074.726+/-4.084 χ^2/NDF:31724.3/2

+ sign 8591.335+/-1.953 χ^2/NDF: 784490.0/21

All: 8437.944+/-1.385 χ^2/NDF: 1829821.7/43

- sign 8282.881+/-1.964 χ^2/NDF: 1032929.8/21

dit_asym_sam1_mean vs Slug



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

Left Out: -83.539+/-42.692 χ^2/NDF:3.1/4

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

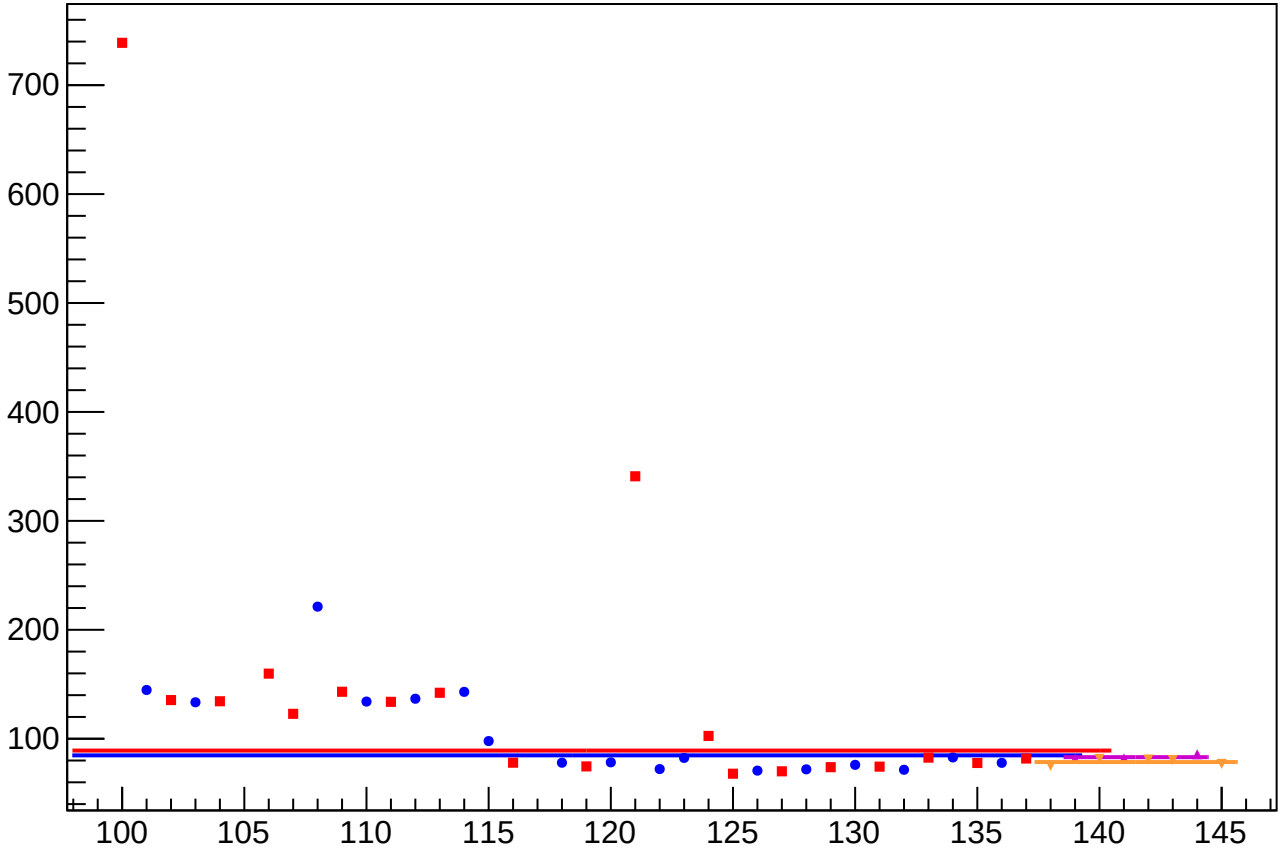
Left In: 119.775+/-52.653 χ^2/NDF:2.0/2

+ sign -15.987+/-26.610 χ^2/NDF: 19.8/21

All: 2.683+/-19.747 χ^2/NDF: 49.4/43

- sign 25.570+/-29.462 χ^2/NDF: 28.5/21

dit_asym_sam1_rms vs Slug



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

Left Out: 78.593+/-0.030 χ^2/NDF:7579.7/4

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

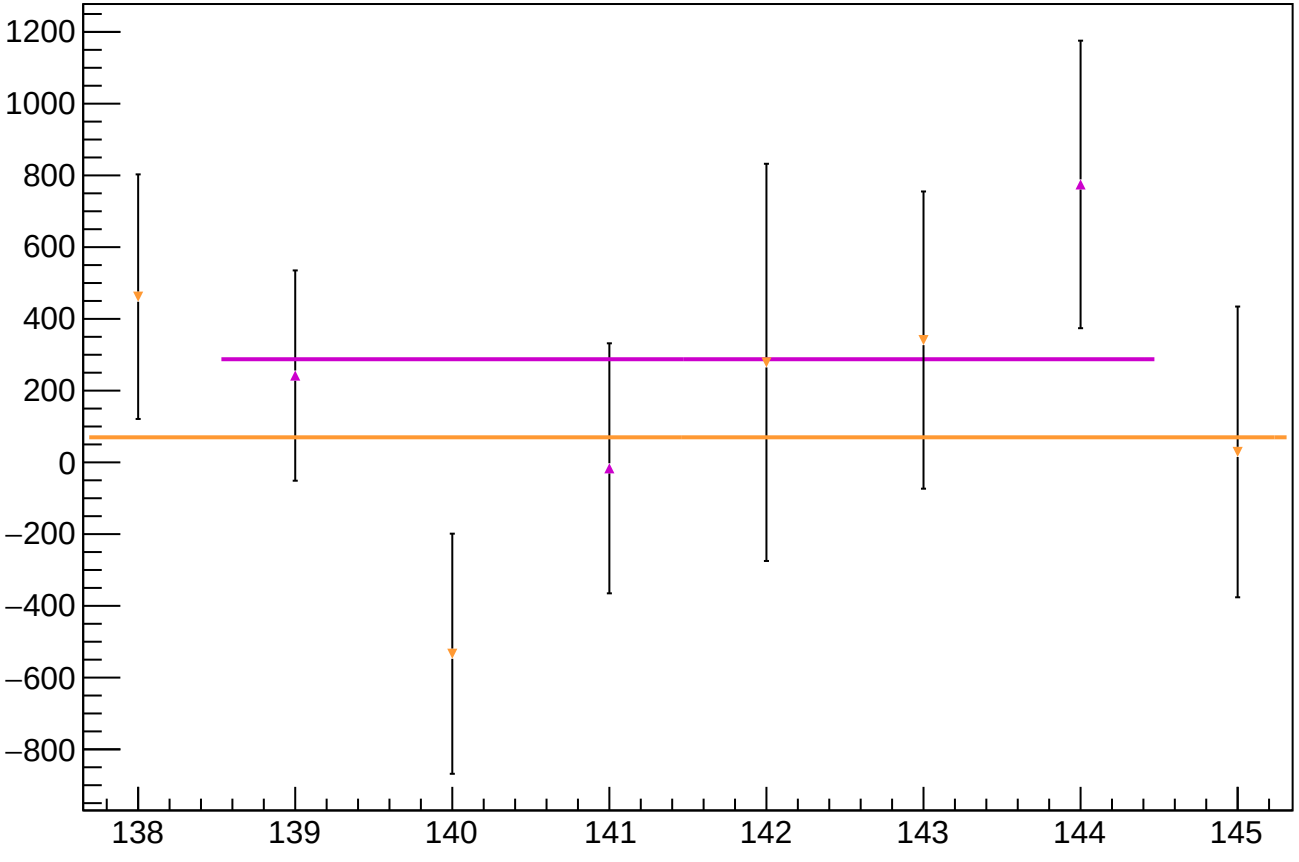
Left In: 83.082+/-0.037 χ^2/NDF:2511.2/2

+ sign 82.350+/-0.019 χ^2/NDF: 1097328.9/21

All: 84.549+/-0.014 χ^2/NDF: 2707724.2/43

- sign 87.245+/-0.021 χ^2/NDF: 1579987.5/21

asym_sam1_correction_mean vs Slug



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

Left Out: 69.870+/-174.857 χ^2/NDF:5.2/4

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

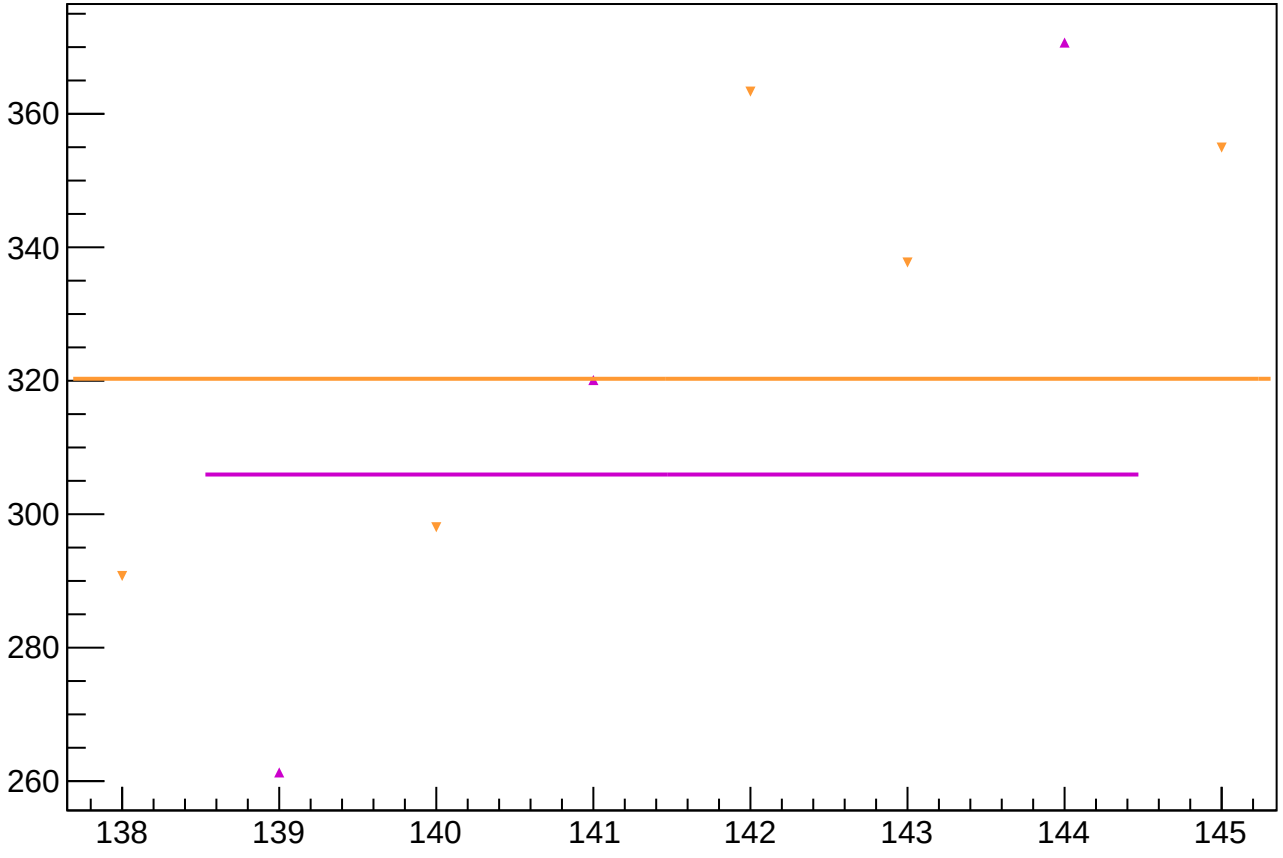
Left In: 287.525+/-195.750 χ^2/NDF:2.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 166.466+/-130.406 χ^2/NDF: 8.1/7

- 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: 320.297+/-0.124 χ^2/NDF:54113.0/4

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

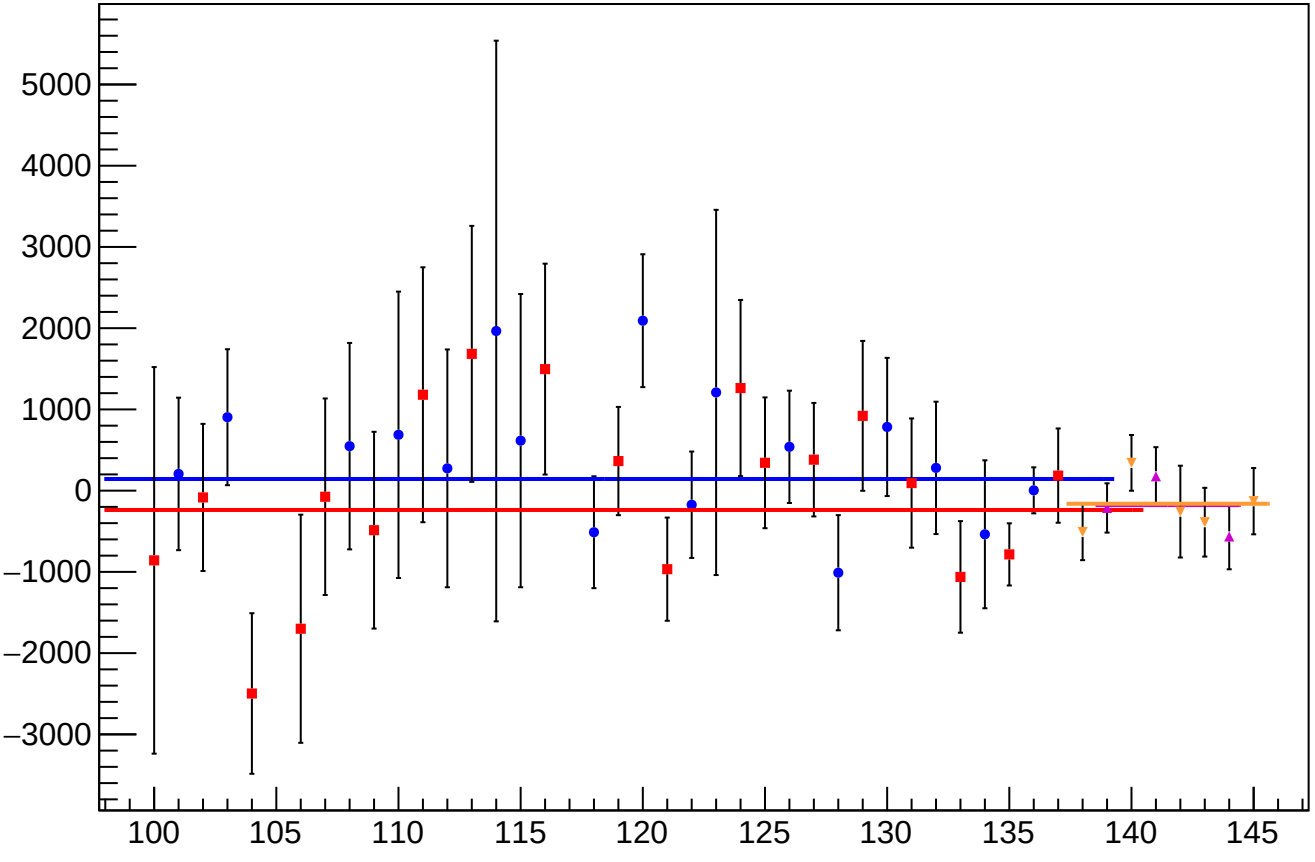
Left In: 305.948+/-0.138 χ^2/NDF:101873.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 313.929+/-0.092 χ^2/NDF: 161963.3/7

- 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: -161.131+/-178.112 χ^2/NDF:3.5/4

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

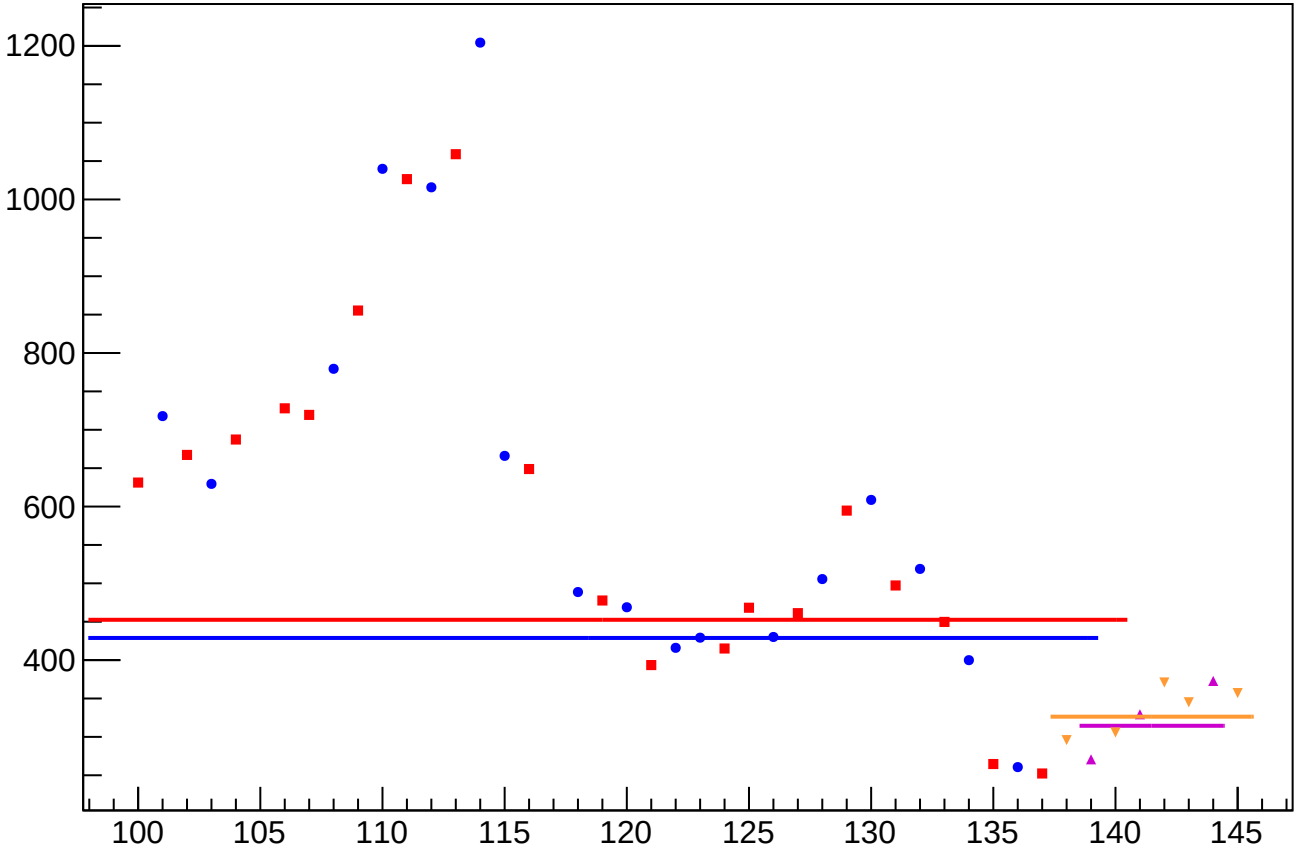
Left In: -177.581+/-200.957 χ^2/NDF:1.9/2

+ sign -9.782+/-126.340 χ^2/NDF: 17.7/21

All: -102.907+/-92.470 χ^2/NDF: 42.5/43

- sign -210.350+/-135.705 χ^2/NDF: 23.6/21

asym_sam1_rms vs Slug



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

Left Out: 326.330+/-0.126 χ^2/NDF:50413.3/4

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

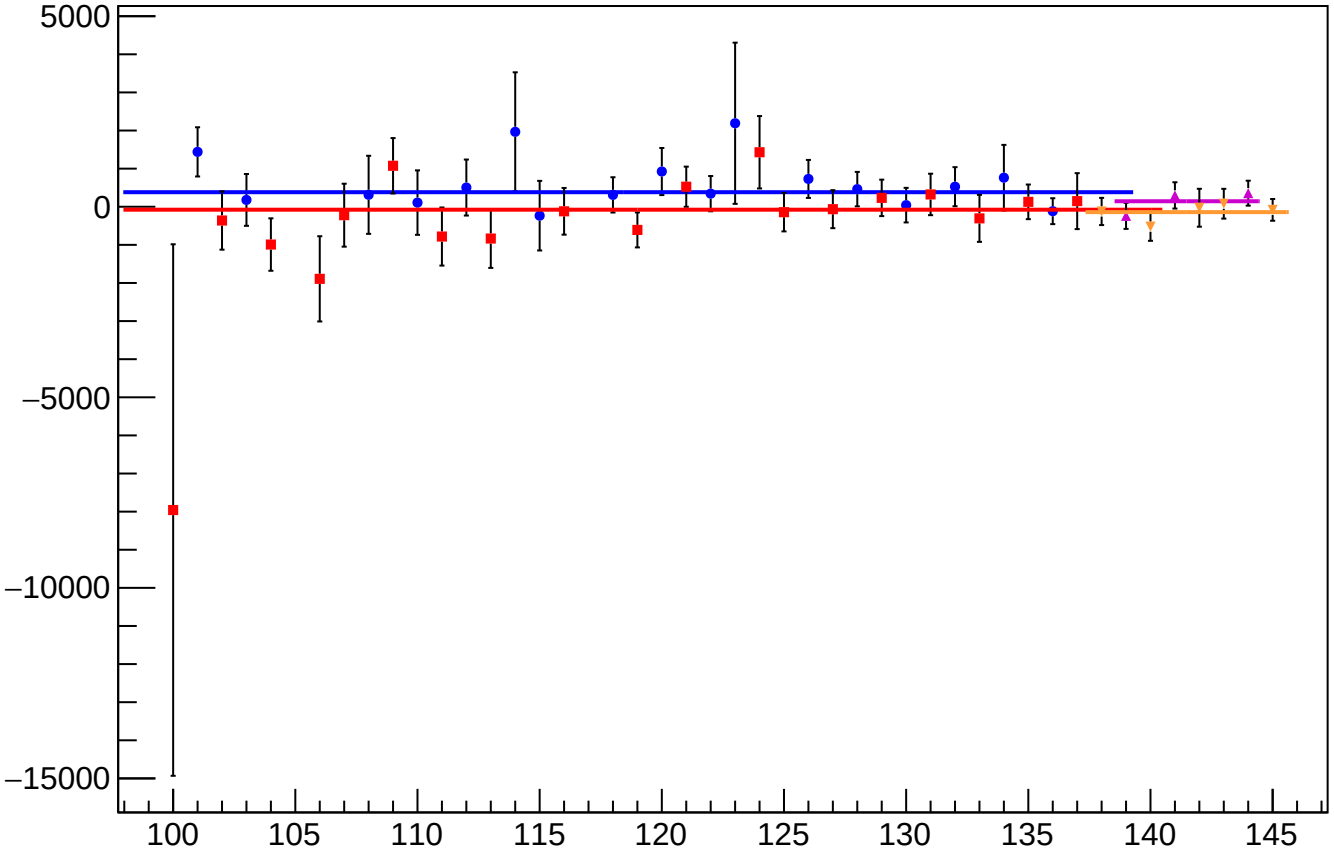
Left In: 314.459+/-0.142 χ^2/NDF:86803.7/2

+ sign 377.270+/-0.089 χ^2/NDF: 2392000.1/21

All: 382.976+/-0.065 χ^2/NDF: 5040315.2/43

- sign 389.560+/-0.096 χ^2/NDF: 2639528.7/21

dit_asym_sam2_mean vs Slug



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

Left Out: -140.784+/-162.277 χ^2/NDF:1.5/4

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

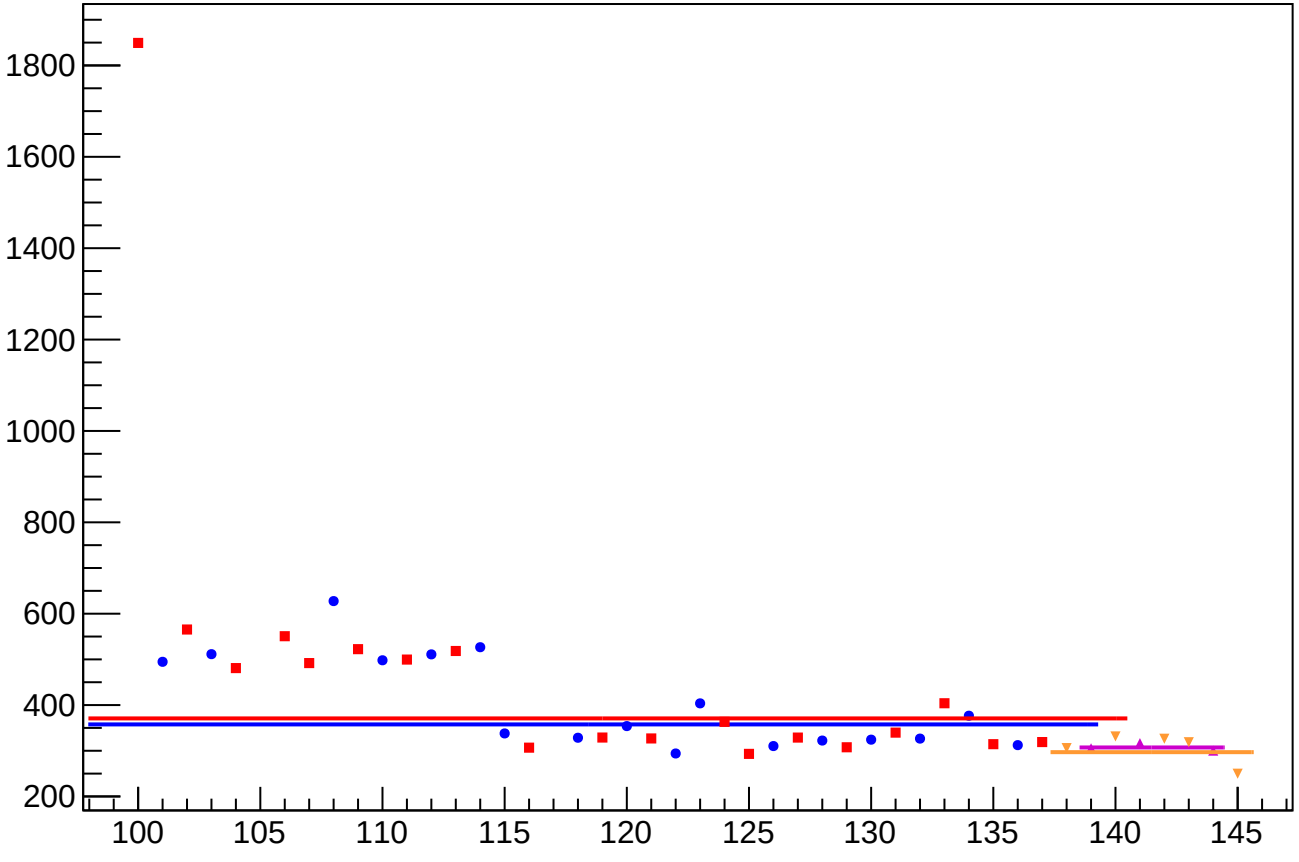
Left In: 144.401+/-194.991 χ^2/NDF:1.9/2

+ sign 156.695+/-106.518 χ^2/NDF: 16.8/21

All: 84.920+/-78.321 χ^2/NDF: 37.3/43

- sign 0.443+/-115.559 χ^2/NDF: 19.5/21

dit_asym_sam2_rms vs Slug



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

Left Out: 296.941+/-0.115 χ^2/NDF:86298.1/4

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

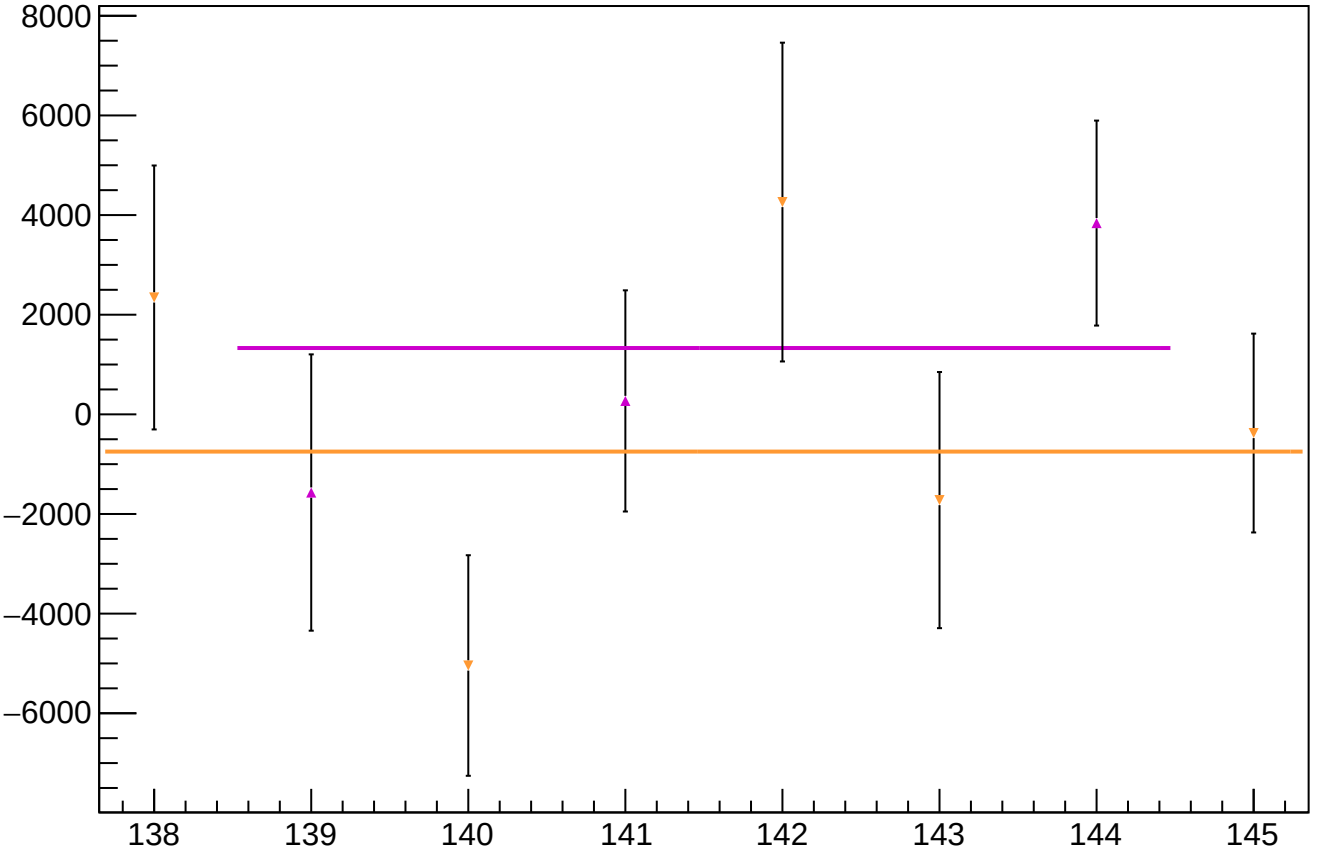
Left In: 307.208+/-0.138 χ^2/NDF:2465.9/2

+ sign 331.501+/-0.075 χ^2/NDF: 875357.9/21

All: 339.292+/-0.055 χ^2/NDF: 1823880.2/43

- sign 348.461+/-0.082 χ^2/NDF: 925231.4/21

asym_sam2_correction_mean vs Slug



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

Left Out: -747.514+/-1086.826 χ^2/NDF:7.8/4

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

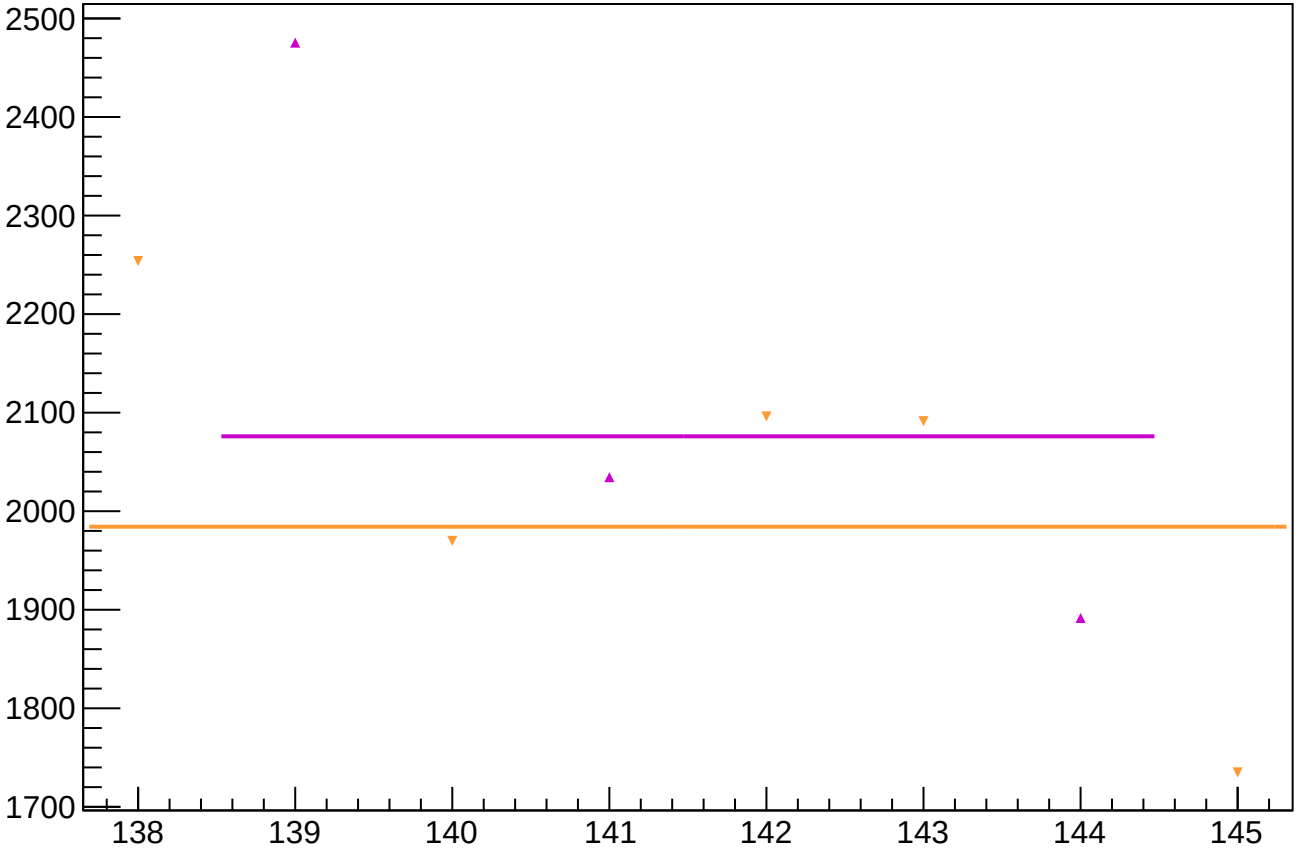
Left In: 1331.284+/-1325.433 χ^2/NDF:2.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 88.253+/-840.416 χ^2/NDF: 12.0/7

- 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: 1984.264+/-0.769 χ^2/NDF:57919.3/4

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

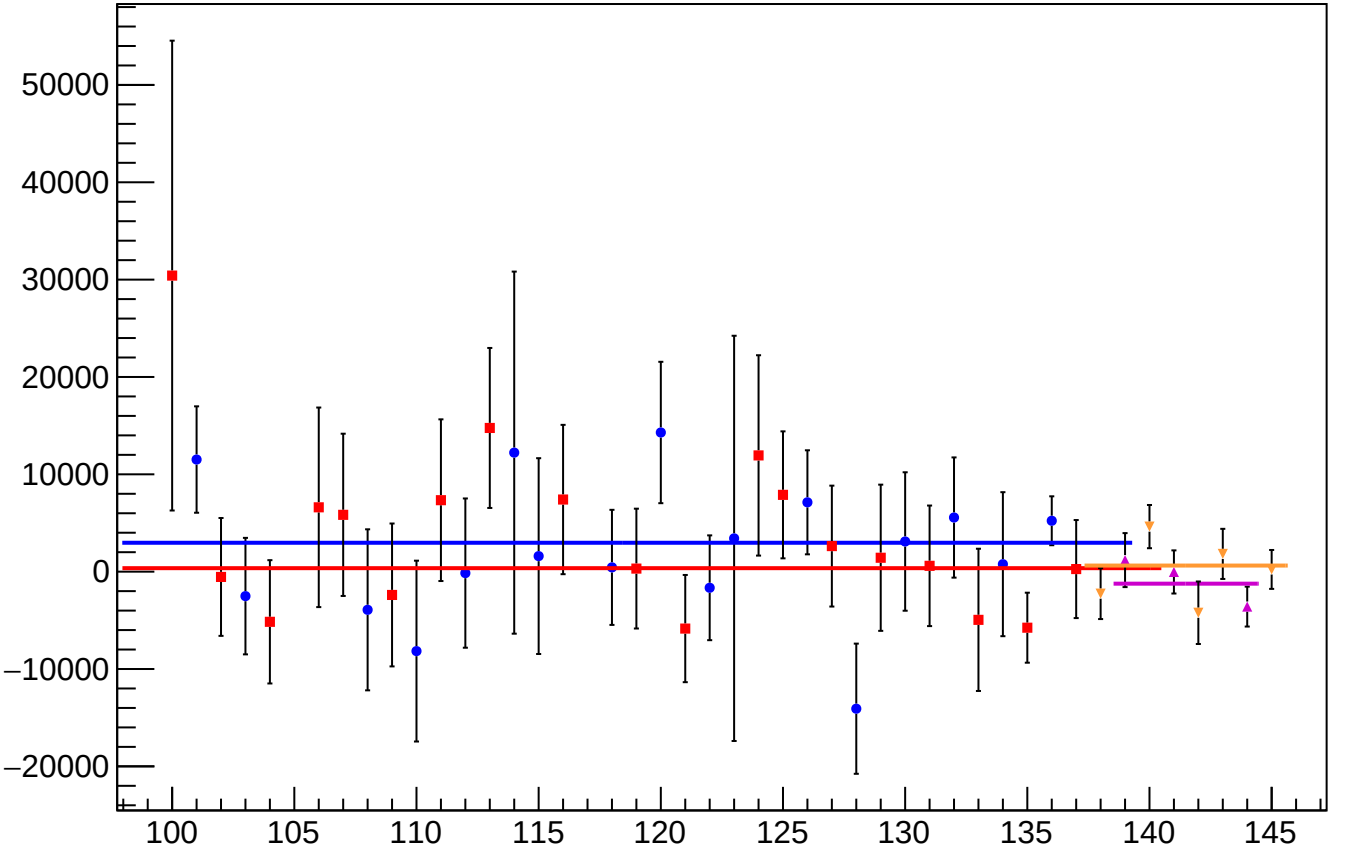
Left In: 2075.984+/-0.937 χ^2/NDF:58249.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2021.139+/-0.594 χ^2/NDF: 121895.4/7

- 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: 627.005+/-1086.164 χ^2/NDF:7.0/4

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

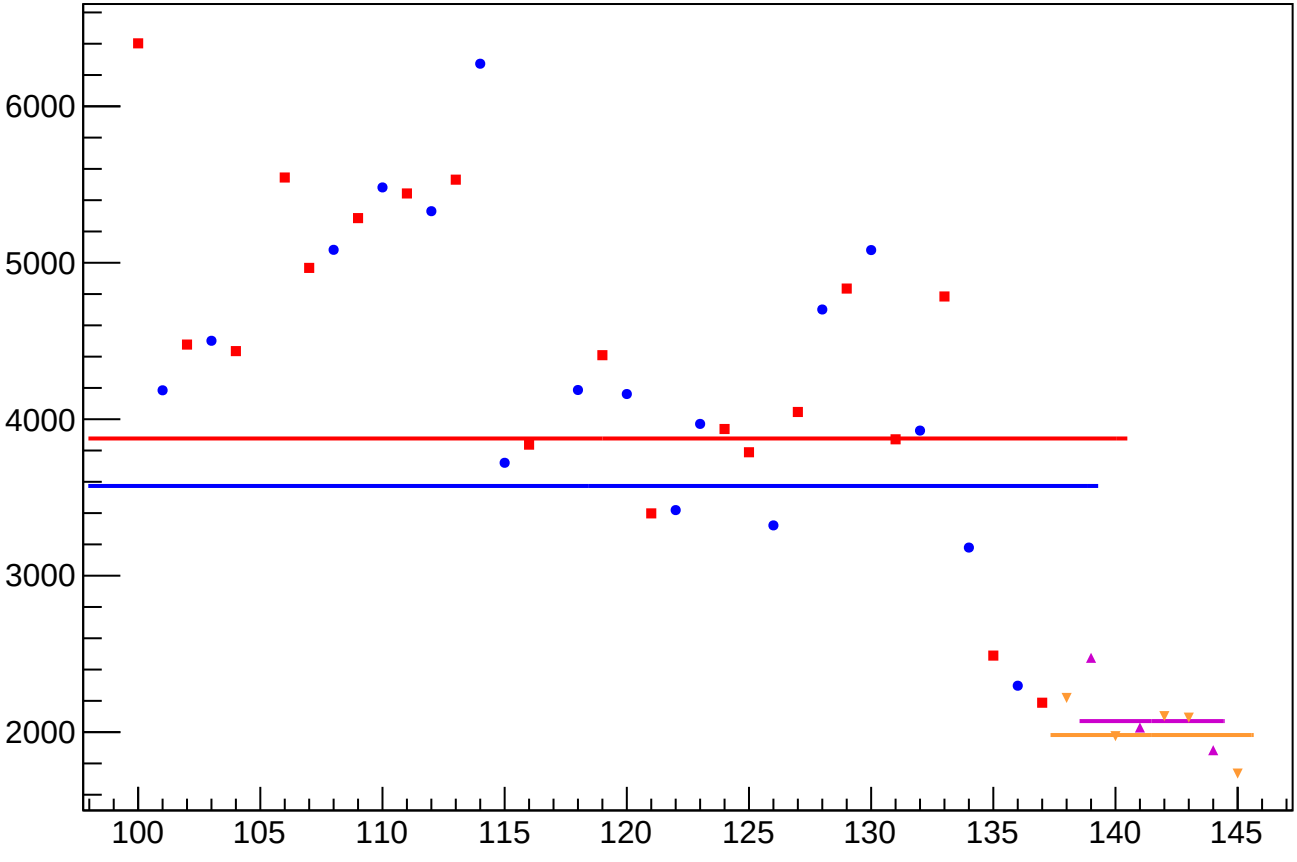
Left In: -1233.454+/-1322.729 χ^2/NDF:2.4/2

+ sign 1475.953+/-867.253 χ^2/NDF: 26.1/21

All: 604.469+/-653.524 χ^2/NDF: 46.8/43

- sign -540.660+/-994.131 χ^2/NDF: 18.4/21

asym_sam2_rms vs Slug



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

Left Out: 1981.591+/-0.768 χ^2/NDF:53427.2/4

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

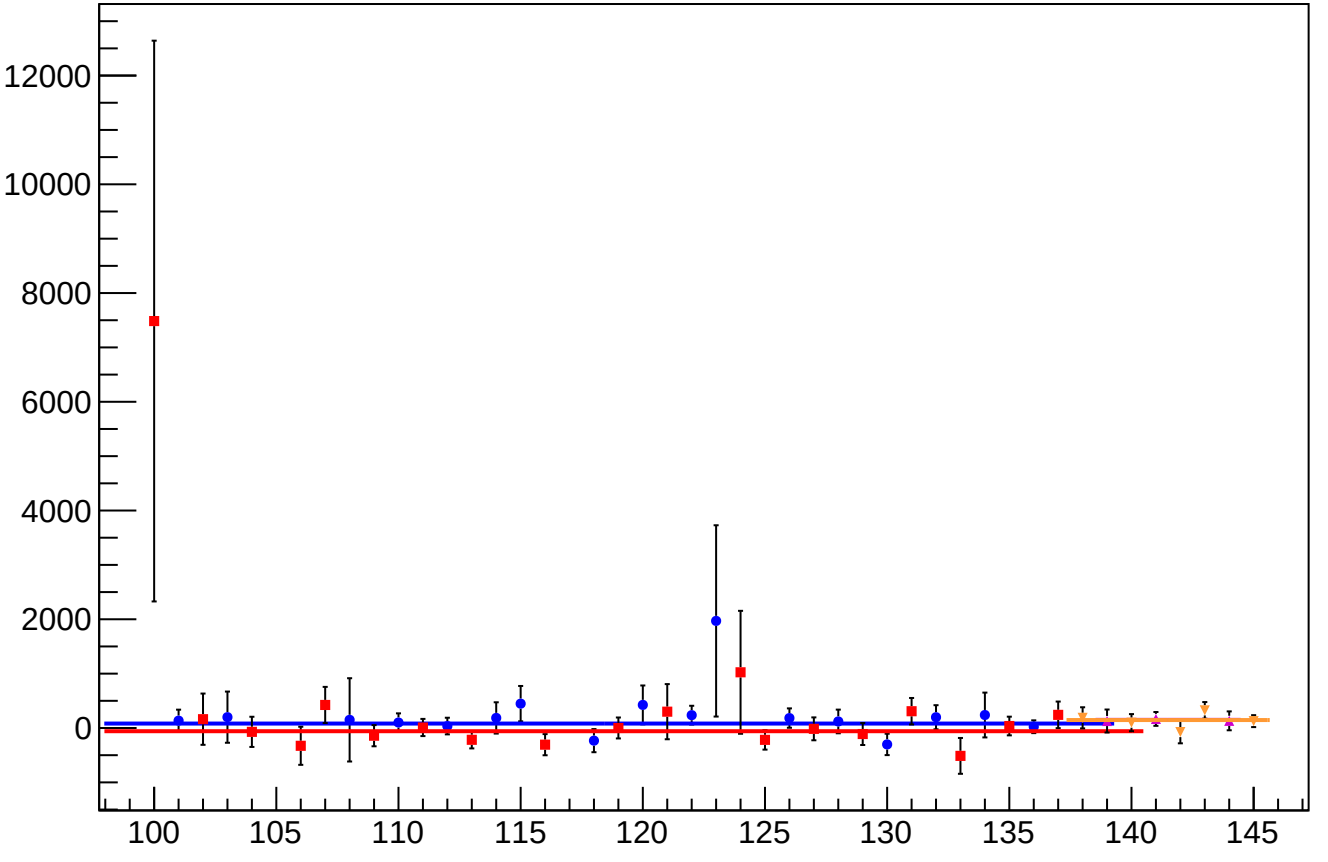
Left In: 2070.662+/-0.935 χ^2/NDF:59713.3/2

+ sign 2558.599+/-0.613 χ^2/NDF: 2699309.3/21

All: 2687.391+/-0.462 χ^2/NDF: 5472311.4/43

- sign 2856.624+/-0.703 χ^2/NDF: 2670936.6/21

dit_asym_sam3_mean vs Slug



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

Left Out: 146.327+/-68.046 χ^2/NDF:2.7/4

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

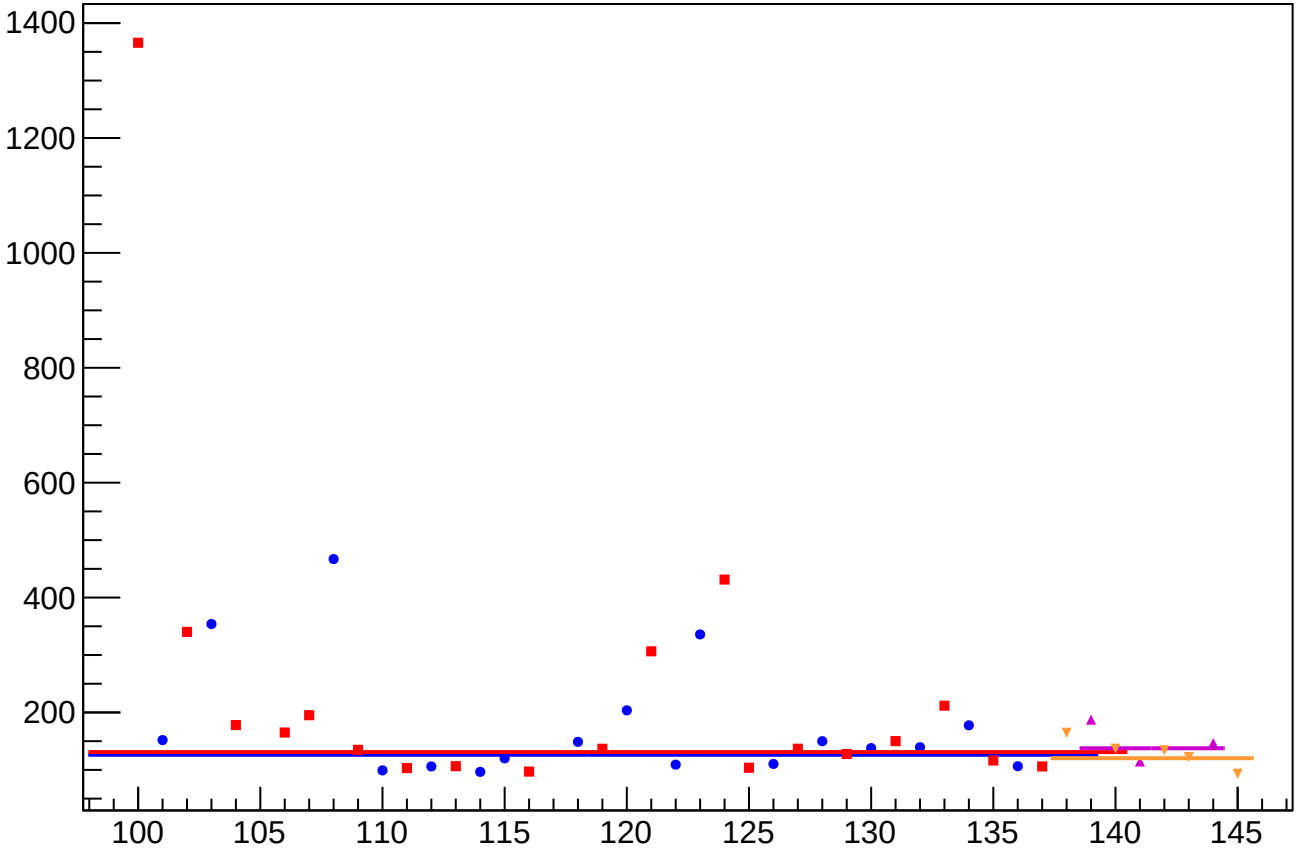
Left In: 149.835+/-92.353 χ^2/NDF:0.0/2

+ sign 105.568+/-41.270 χ^2/NDF: 14.8/21

All: 55.448+/-30.742 χ^2/NDF: 38.4/43

- sign -7.025+/-46.076 χ^2/NDF: 20.3/21

dit_asym_sam3_rms vs Slug



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

Left Out: 120.361+/-0.048 χ^2/NDF:256719.3/4

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

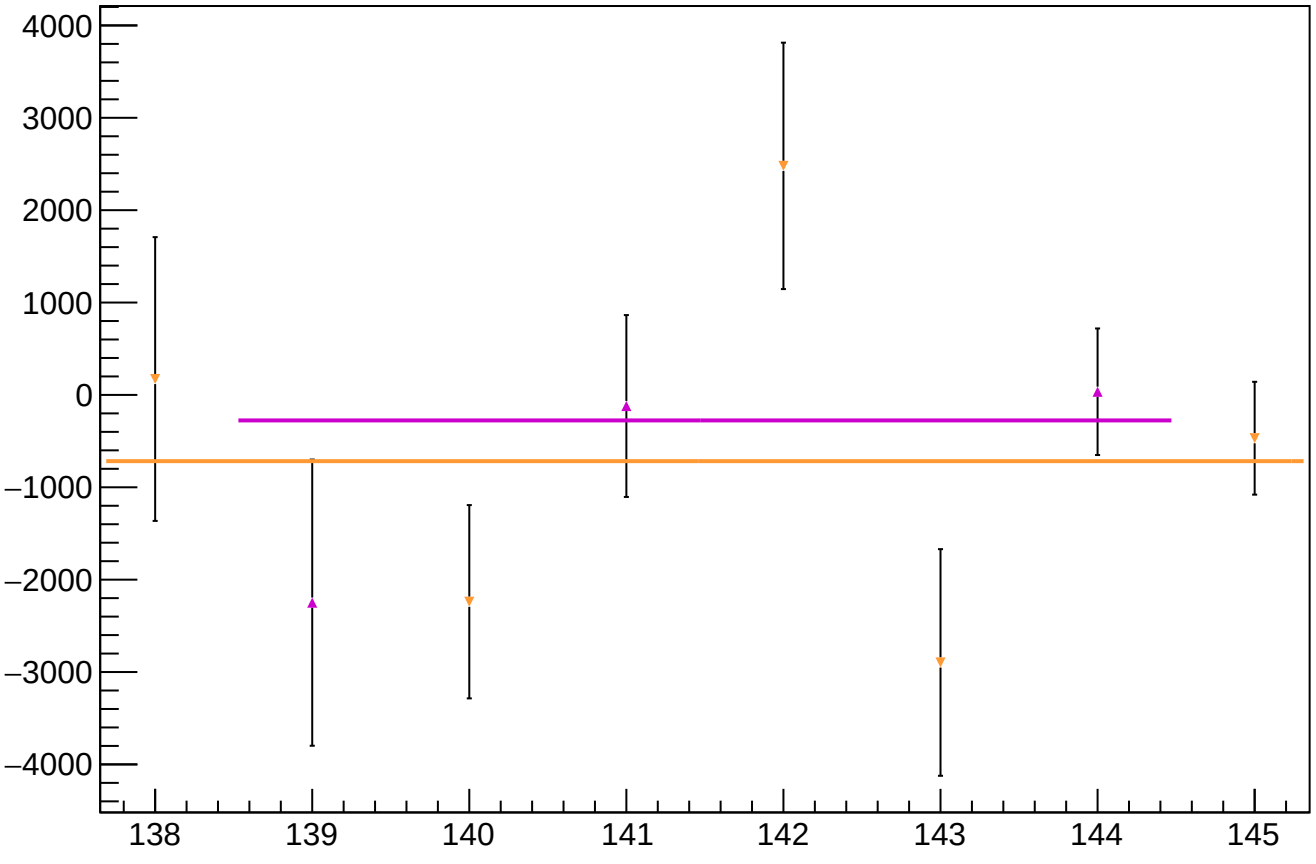
Left In: 137.630+/-0.065 χ^2/NDF:182732.6/2

+ sign 124.140+/-0.029 χ^2/NDF: 1577062.9/21

All: 127.931+/-0.022 χ^2/NDF: 3234684.4/43

- sign 132.656+/-0.033 χ^2/NDF: 1619718.5/21

asym_sam3_correction_mean vs Slug



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

Left Out: -716.915+/-436.668 χ^2/NDF:11.5/4

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

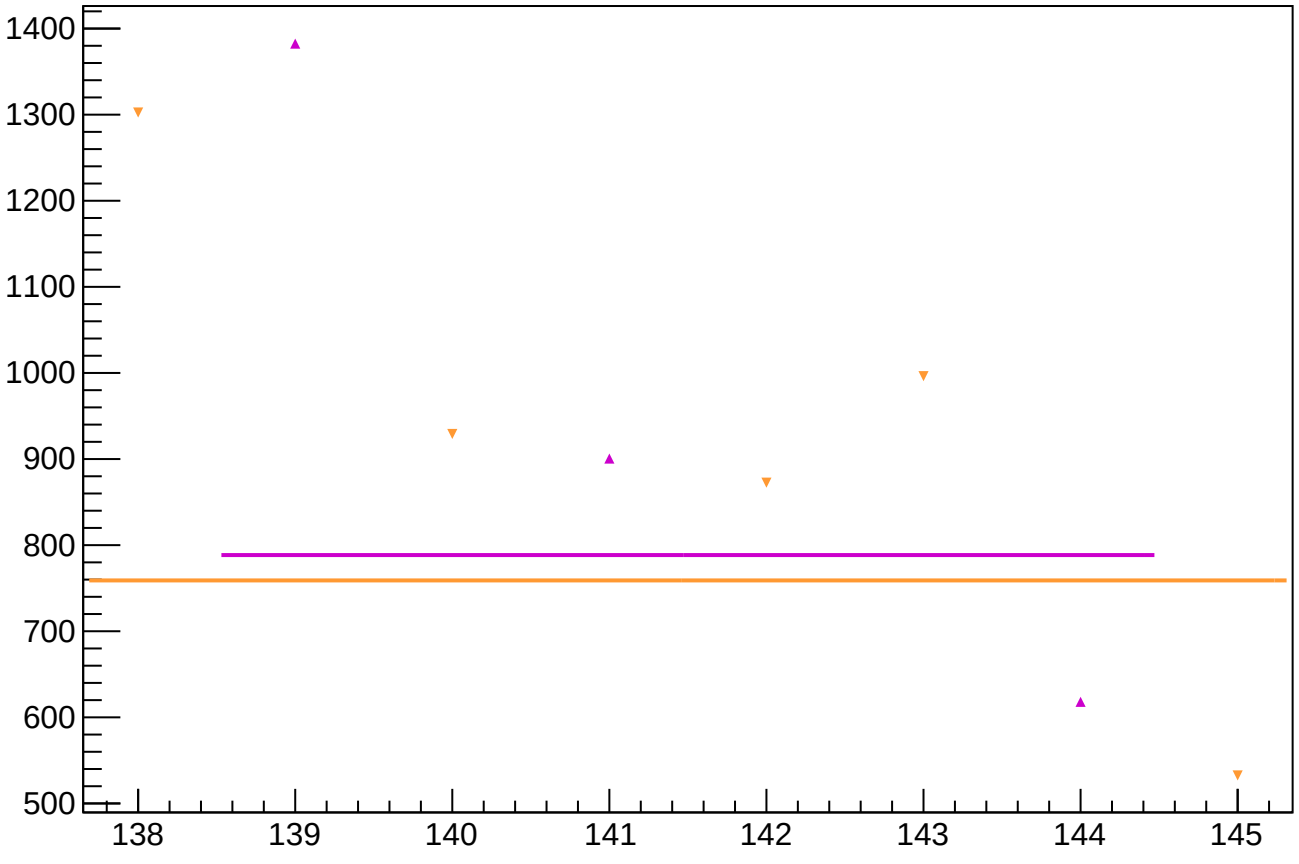
Left In: -276.019+/-528.594 χ^2/NDF:1.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -538.078+/-336.654 χ^2/NDF: 13.8/7

- 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: 759.033+/-0.309 χ^2/NDF:667516.6/4

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

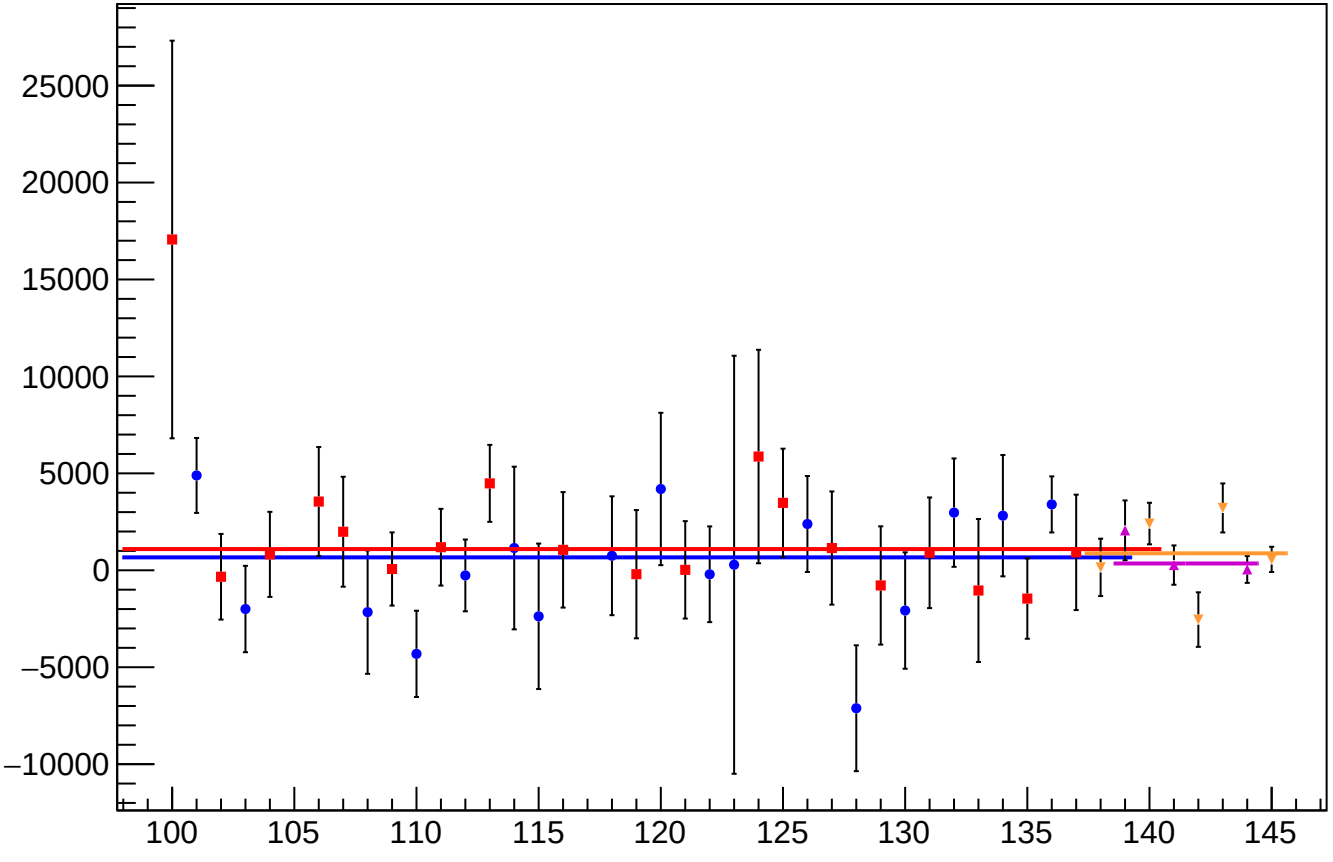
Left In: 788.481+/-0.374 χ^2/NDF:443803.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 770.978+/-0.238 χ^2/NDF: 1115009.7/7

- 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: 875.396+/-455.311 χ^2/NDF:11.9/4

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

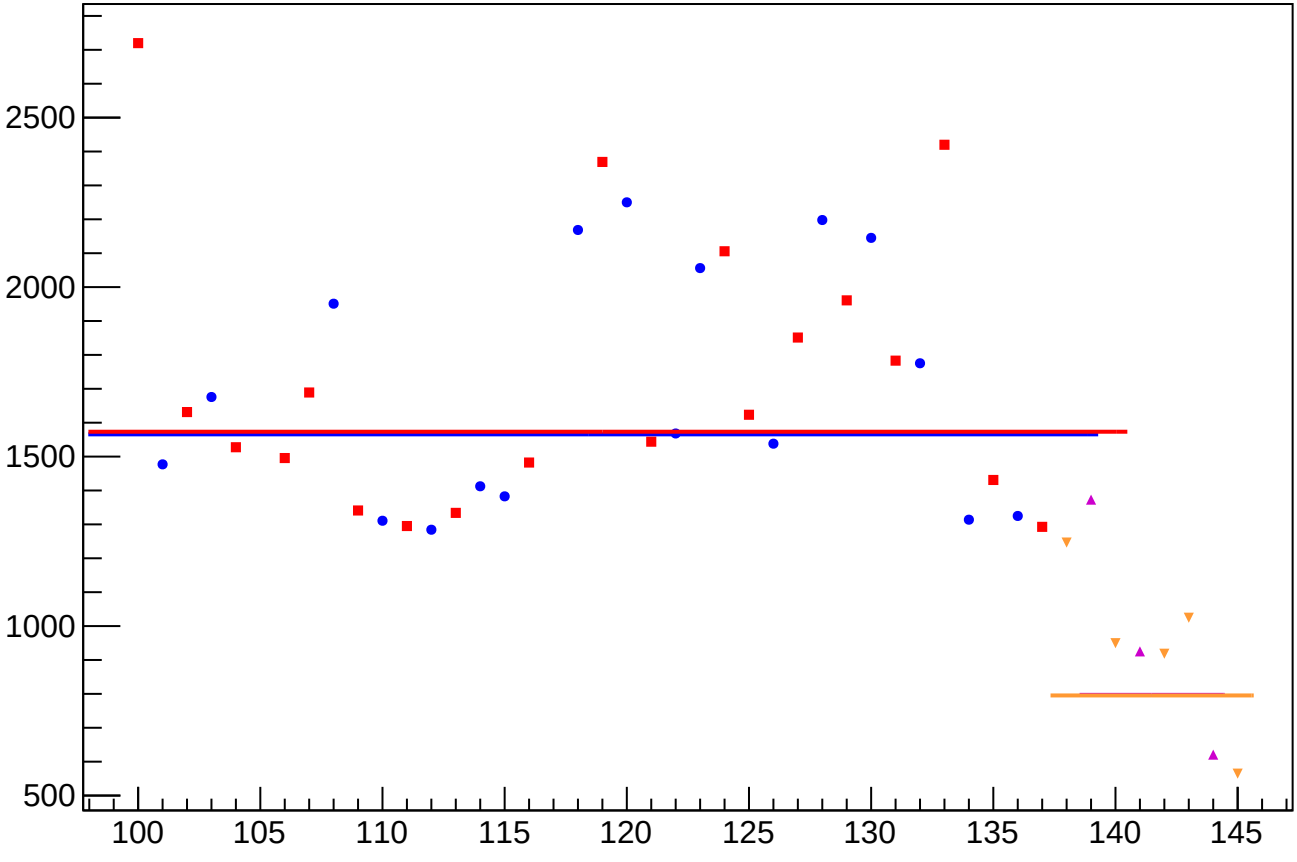
Left In: 350.960+/-536.770 χ^2/NDF:1.4/2

+ sign 802.014+/-366.742 χ^2/NDF: 37.6/21

All: 746.319+/-270.575 χ^2/NDF: 50.9/43

- sign 679.791+/-400.827 χ^2/NDF: 13.3/21

asym_sam3_rms vs Slug



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

Left Out: 795.352+/-0.322 χ^2/NDF:560070.6/4

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

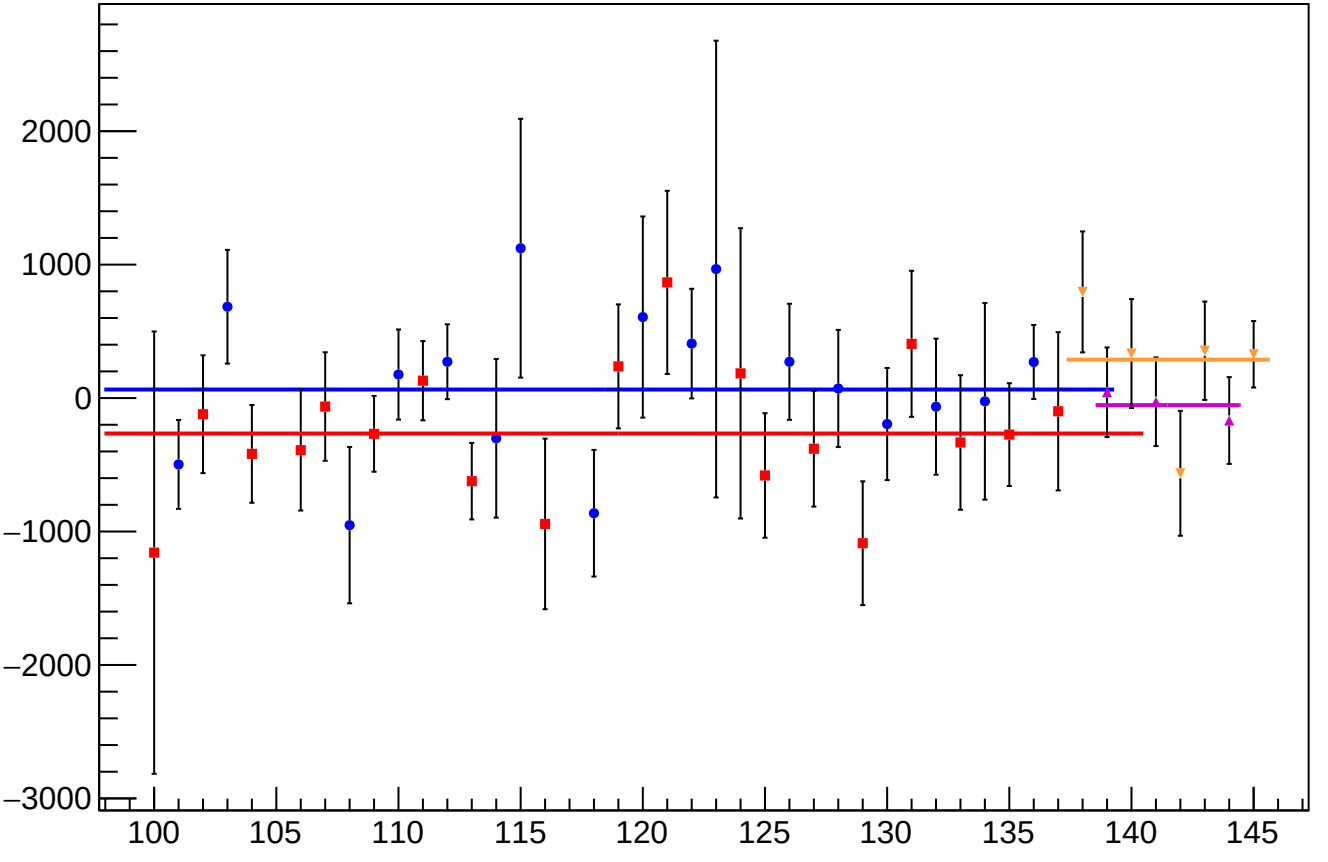
Left In: 797.077+/-0.380 χ^2/NDF:439606.9/2

+ sign 1065.878+/-0.259 χ^2/NDF: 3061186.3/21

All: 1099.879+/-0.191 χ^2/NDF: 5851096.0/43

- sign 1140.494+/-0.283 χ^2/NDF: 2752184.4/21

dit_asym_sam4_mean vs Slug



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

Left Out: 287.768+/-160.238 χ^2/NDF:4.6/4

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

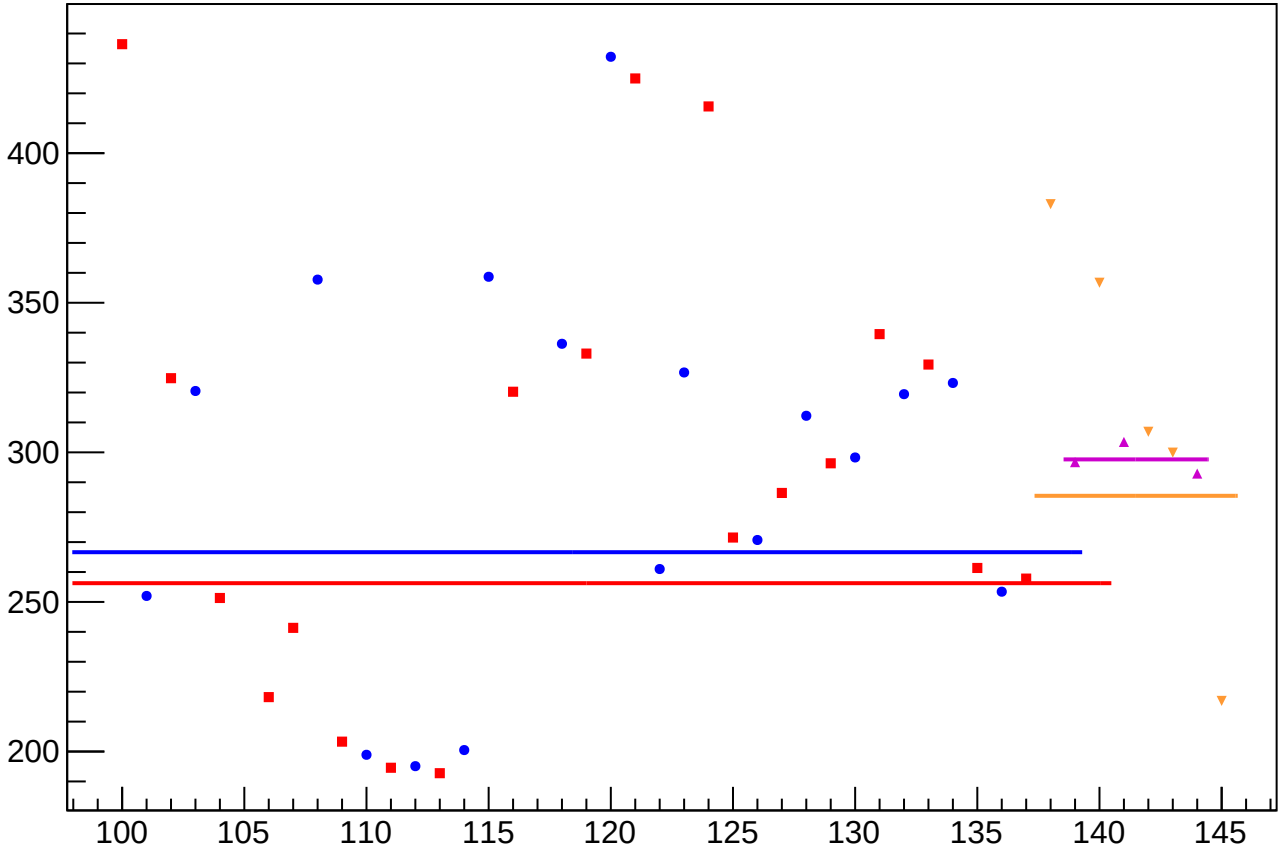
Left In: -52.912+/-191.046 χ^2/NDF:0.2/2

+ sign 131.582+/-88.021 χ^2/NDF: 22.8/21

All: -44.099+/-62.291 χ^2/NDF: 46.6/43

- sign -220.353+/-88.164 χ^2/NDF: 15.9/21

dit_asym_sam4_rms vs Slug



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

Left Out: 285.474+/-0.113 χ^2/NDF:312424.0/4

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

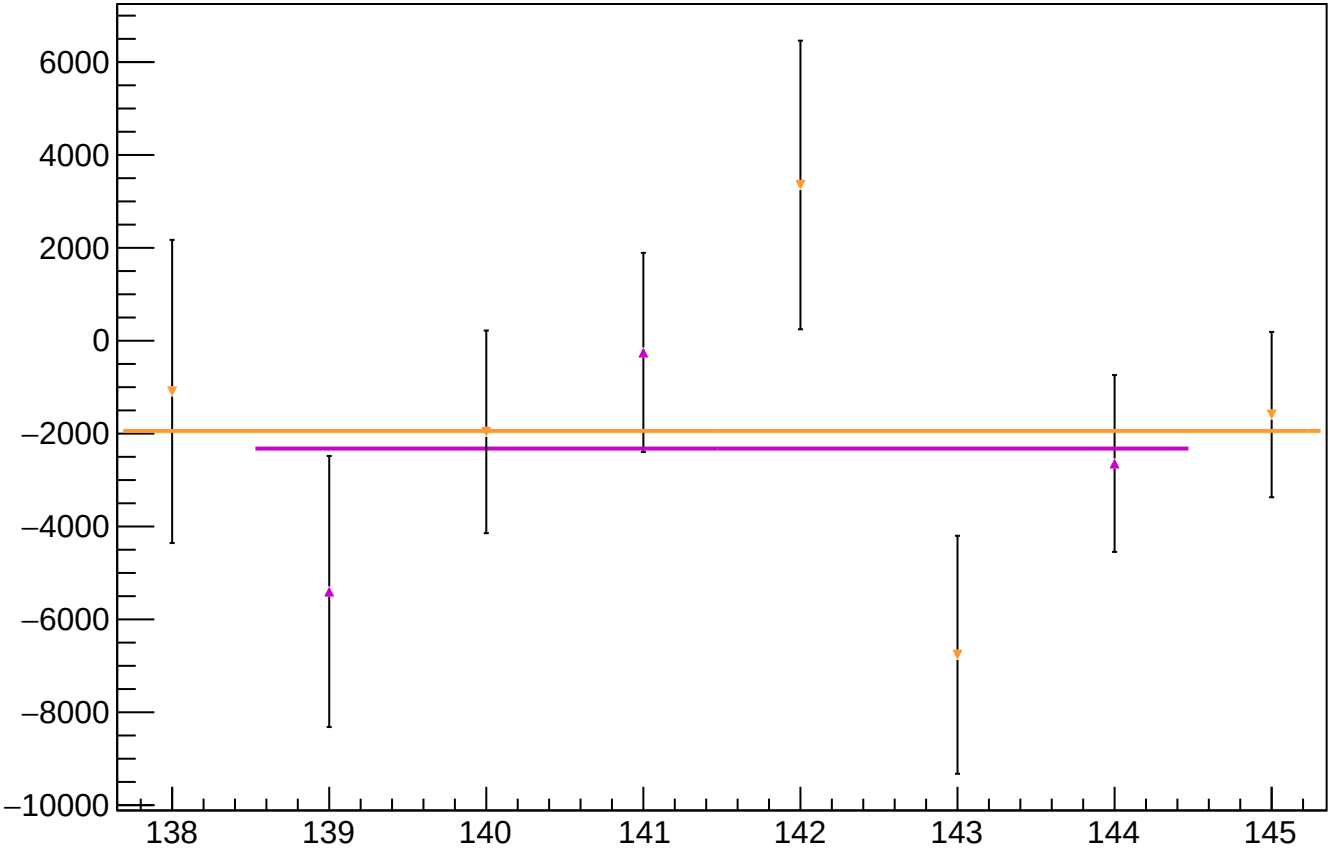
Left In: 297.643+/-0.135 χ^2/NDF:1057.7/2

+ sign 272.312+/-0.062 χ^2/NDF: 882501.8/21

All: 268.702+/-0.044 χ^2/NDF: 1661024.0/43

- sign 265.080+/-0.062 χ^2/NDF: 771781.7/21

asym_sam4_correction_mean vs Slug



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

Left Out: -1940.686+/-1068.670 χ^2/NDF:6.5/4

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

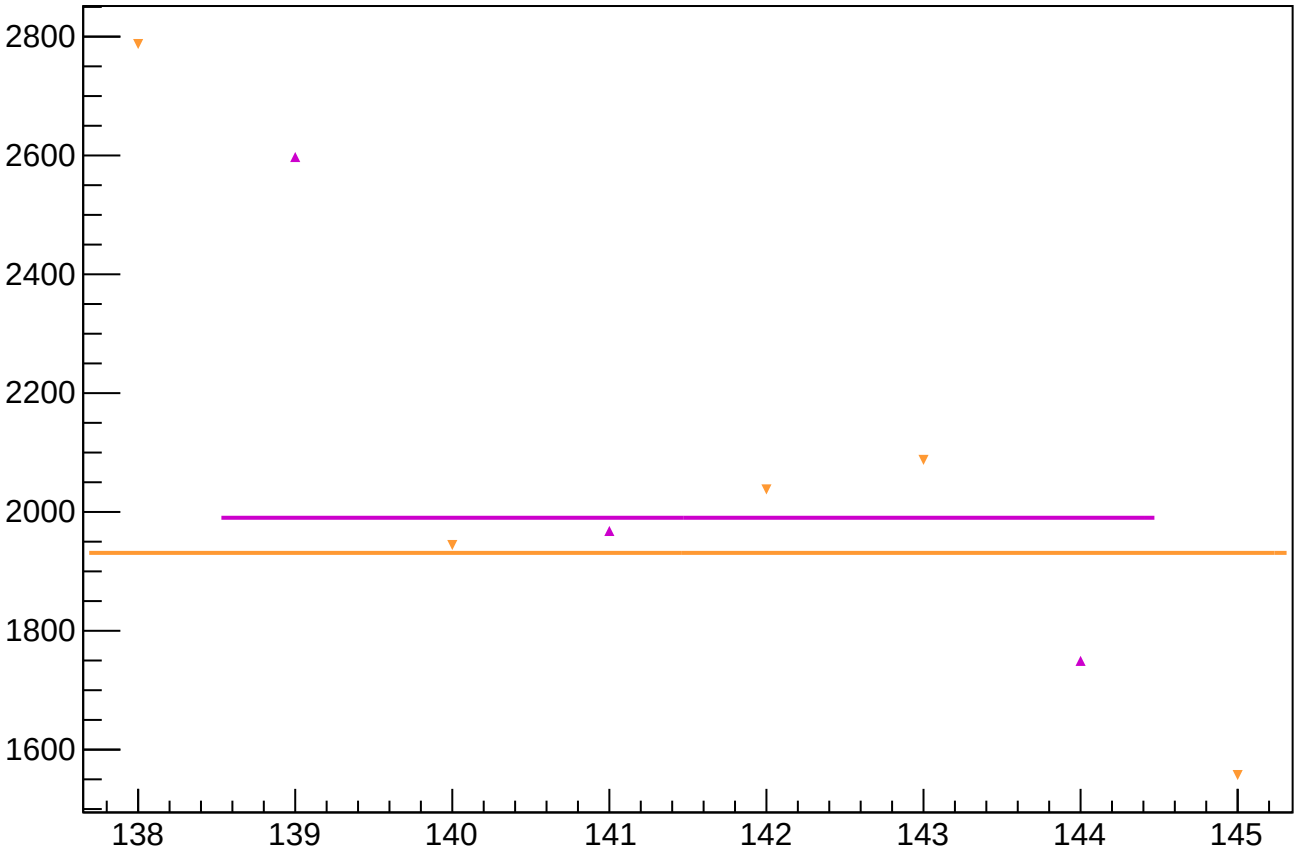
Left In: -2321.441+/-1279.456 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2097.158+/-820.200 χ^2/NDF: 8.7/7

- 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: 1931.138+/-0.756 χ^2/NDF:235902.4/4

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

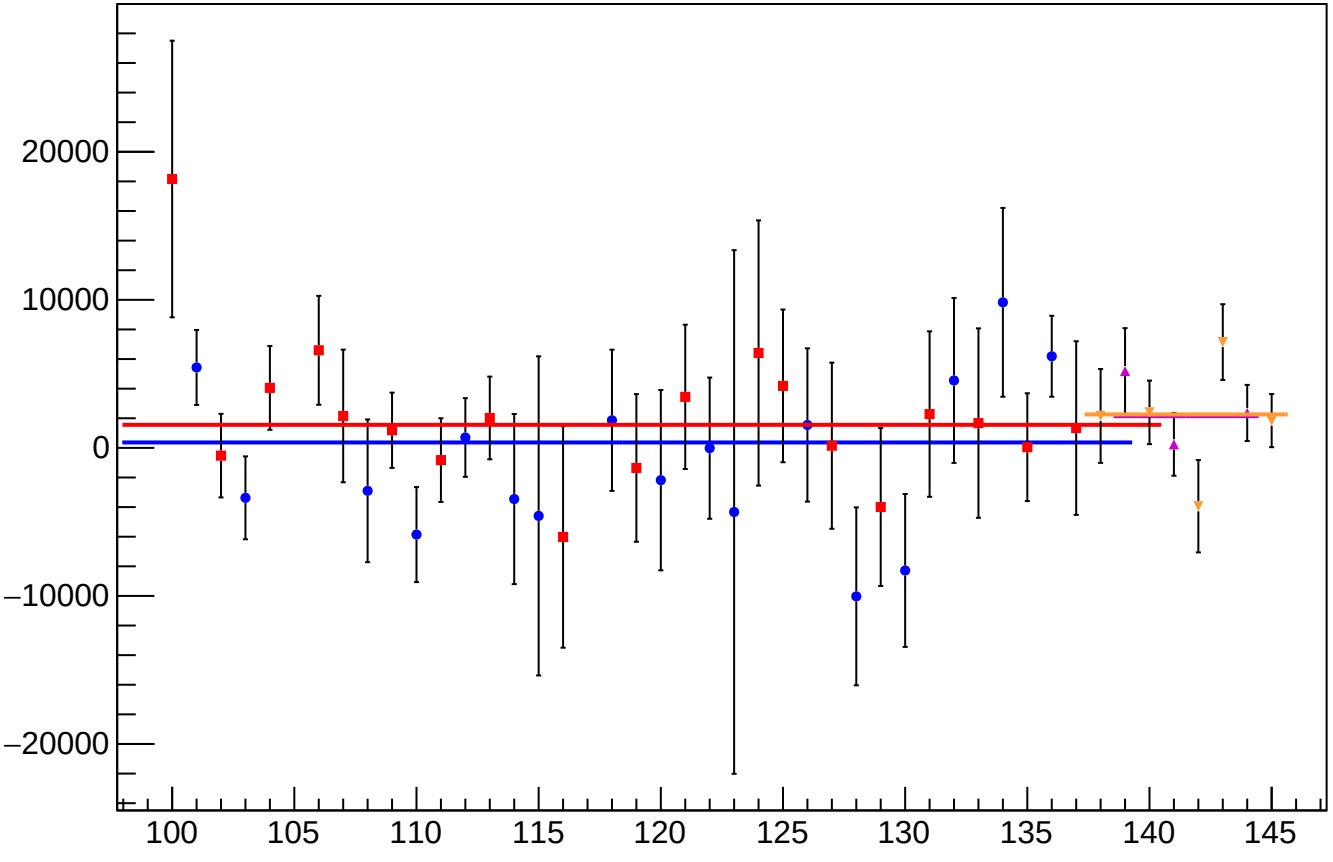
Left In: 1990.239+/-0.905 χ^2/NDF:118796.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1955.426+/-0.580 χ^2/NDF: 357212.3/7

- 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: 2260.679+/-1064.409 χ^2/NDF:7.7/4

Right Out: 1557.388+/-924.003 χ^2/NDF: 10.5/18

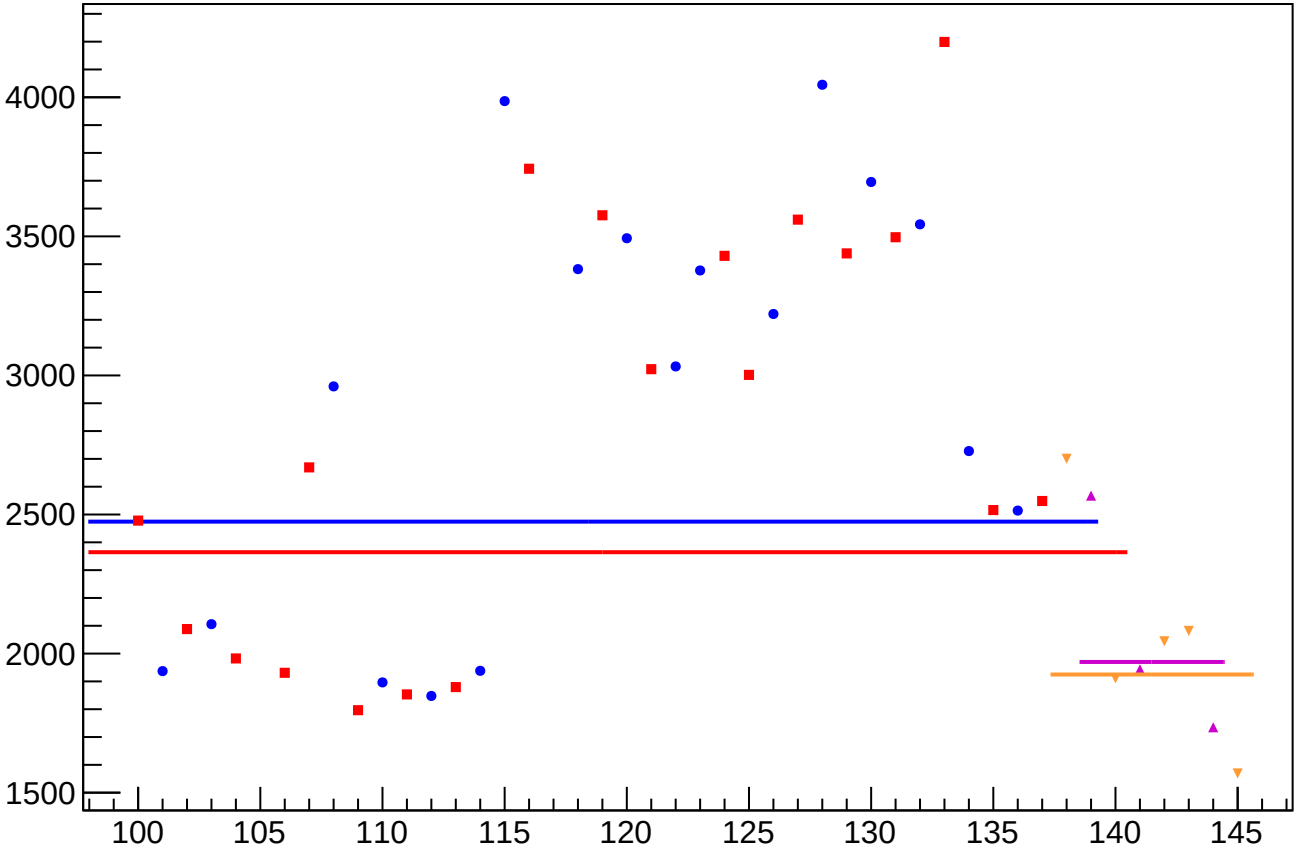
Left In: 2144.103+/-1269.129 χ^2/NDF:1.9/2

+ sign 1247.407+/-725.887 χ^2/NDF: 33.5/21

All: 1496.674+/-520.582 χ^2/NDF: 46.4/43

- sign 1760.647+/-746.994 χ^2/NDF: 12.6/21

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 1924.842+/-0.753 χ^2/NDF:208746.3/4

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

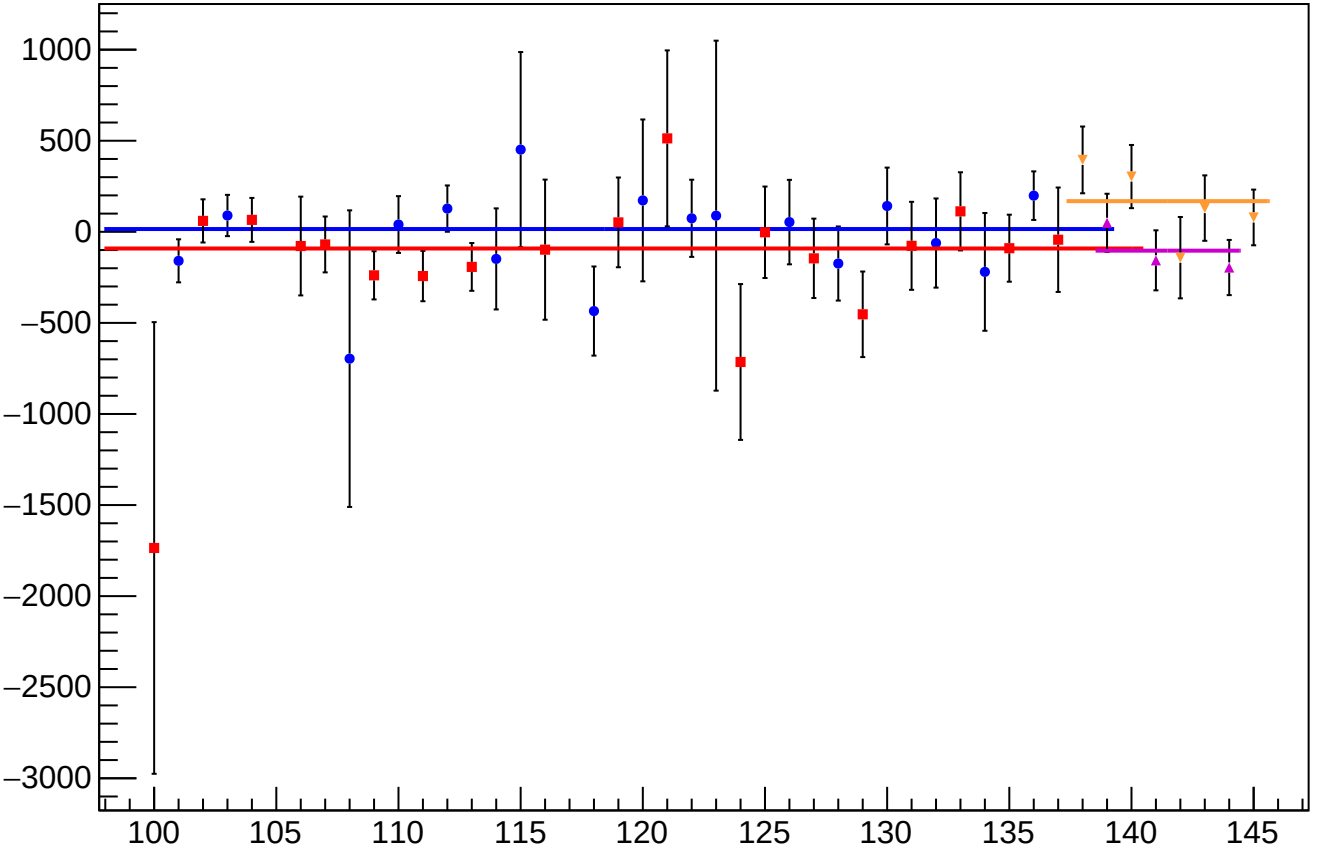
Left In: 1969.925+/-0.897 χ^2/NDF:116371.2/2

+ sign 2218.809+/-0.513 χ^2/NDF: 1400187.1/21

All: 2223.181+/-0.368 χ^2/NDF: 2666462.4/43

- sign 2227.810+/-0.528 χ^2/NDF: 1266126.0/21

dit_asym_sam5_mean vs Slug



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 168.403+/-79.846 χ^2/NDF:4.4/4

Right Out: -91.634+/-43.318 χ^2/NDF: 15.7/18

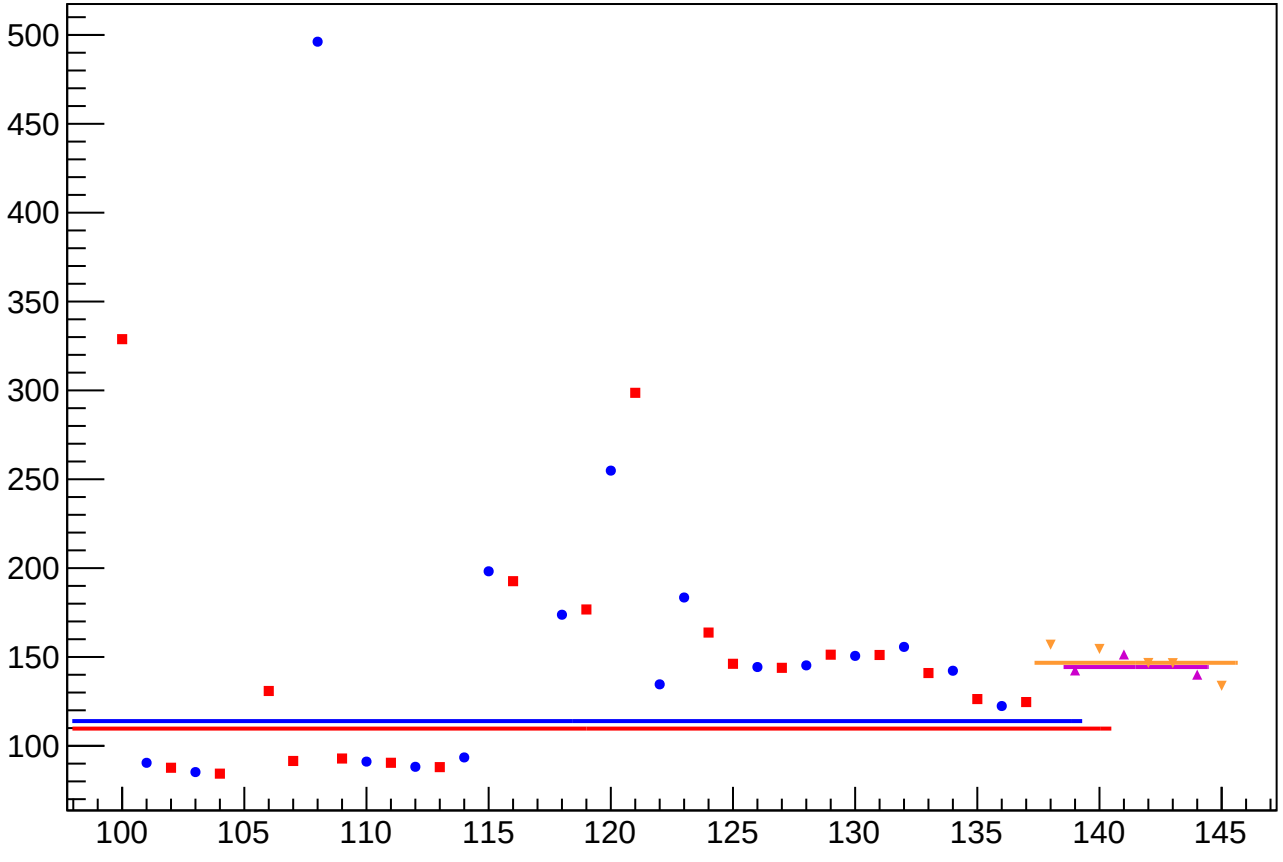
Left In: -103.391+/-91.441 χ^2/NDF:1.4/2

+ sign 54.006+/-40.146 χ^2/NDF: 19.8/21

All: -21.752+/-28.028 χ^2/NDF: 43.8/43

- sign -93.789+/-39.148 χ^2/NDF: 17.1/21

dit_asym_sam5_rms vs Slug



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 146.733+/-0.056 χ^2/NDF:24549.1/4

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

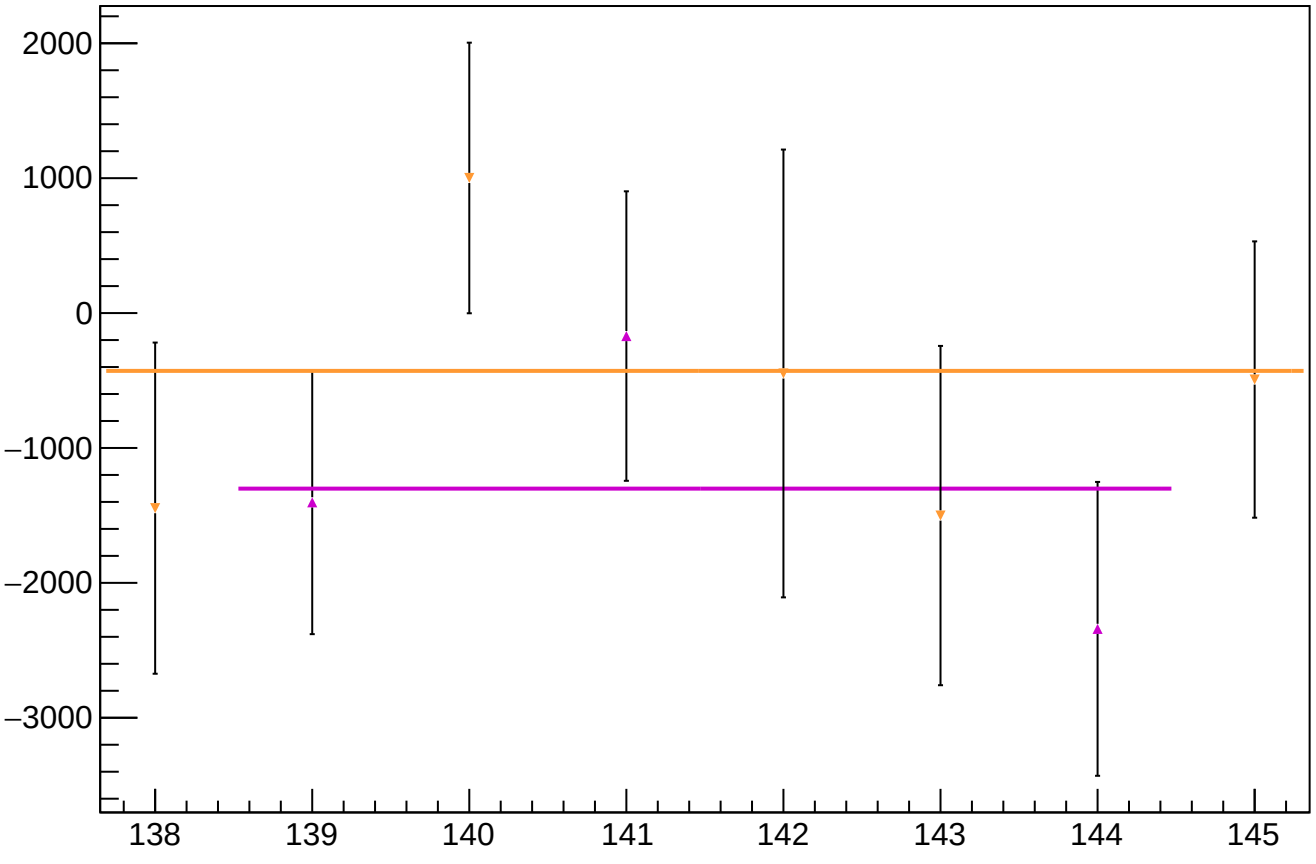
Left In: 144.341+/-0.065 χ^2/NDF:5574.0/2

+ sign 122.224+/-0.028 χ^2/NDF: 1684592.9/21

All: 119.063+/-0.020 χ^2/NDF: 3190669.5/43

- sign 116.057+/-0.028 χ^2/NDF: 1481886.4/21

asym_sam5_correction_mean vs Slug



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

Left Out: -428.587+/-526.594 χ^2/NDF:3.5/4

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

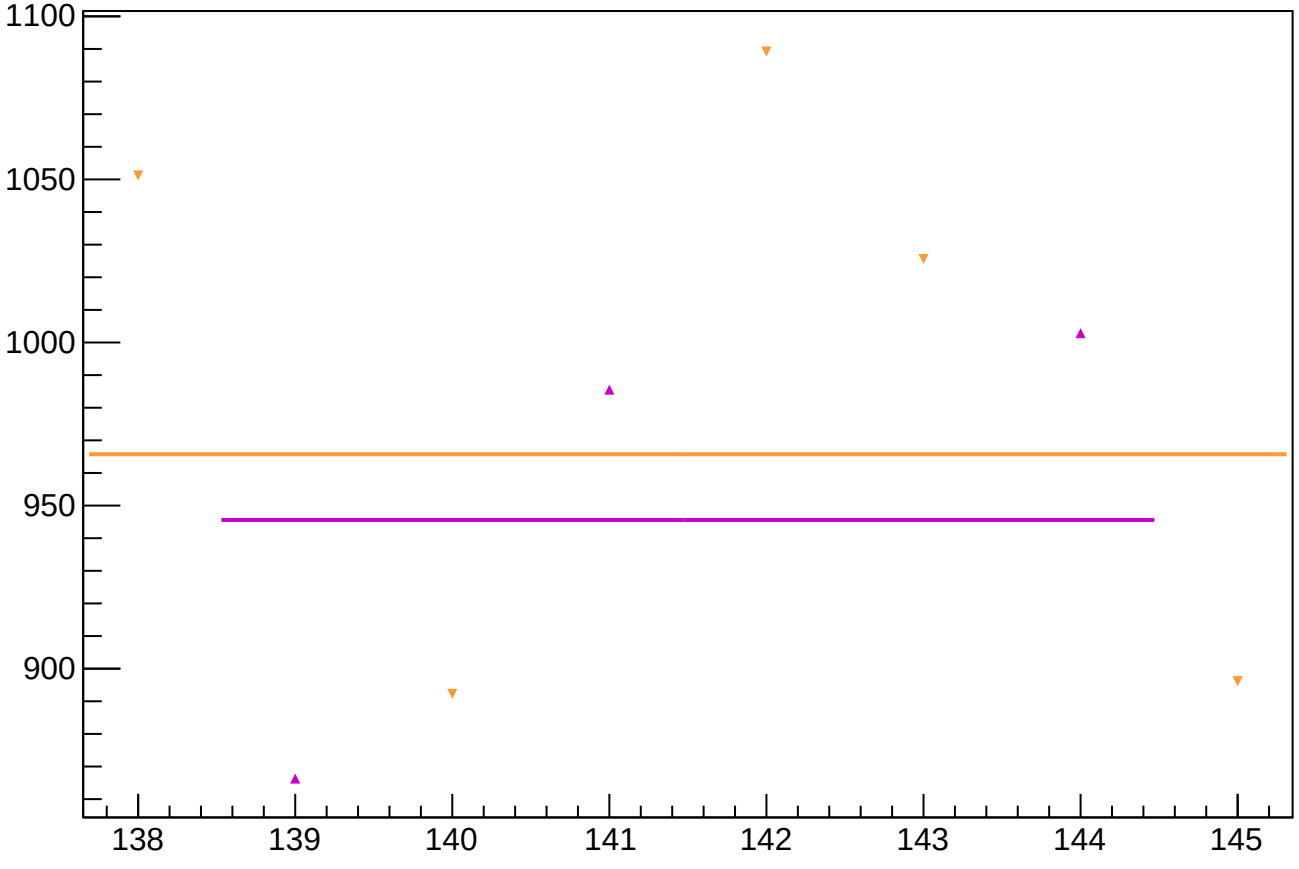
Left In: -1301.386+/-602.127 χ^2/NDF:2.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -806.840+/-396.389 χ^2/NDF: 6.7/7

- 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: 965.743+/-0.372 χ^2/NDF:45252.1/4

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

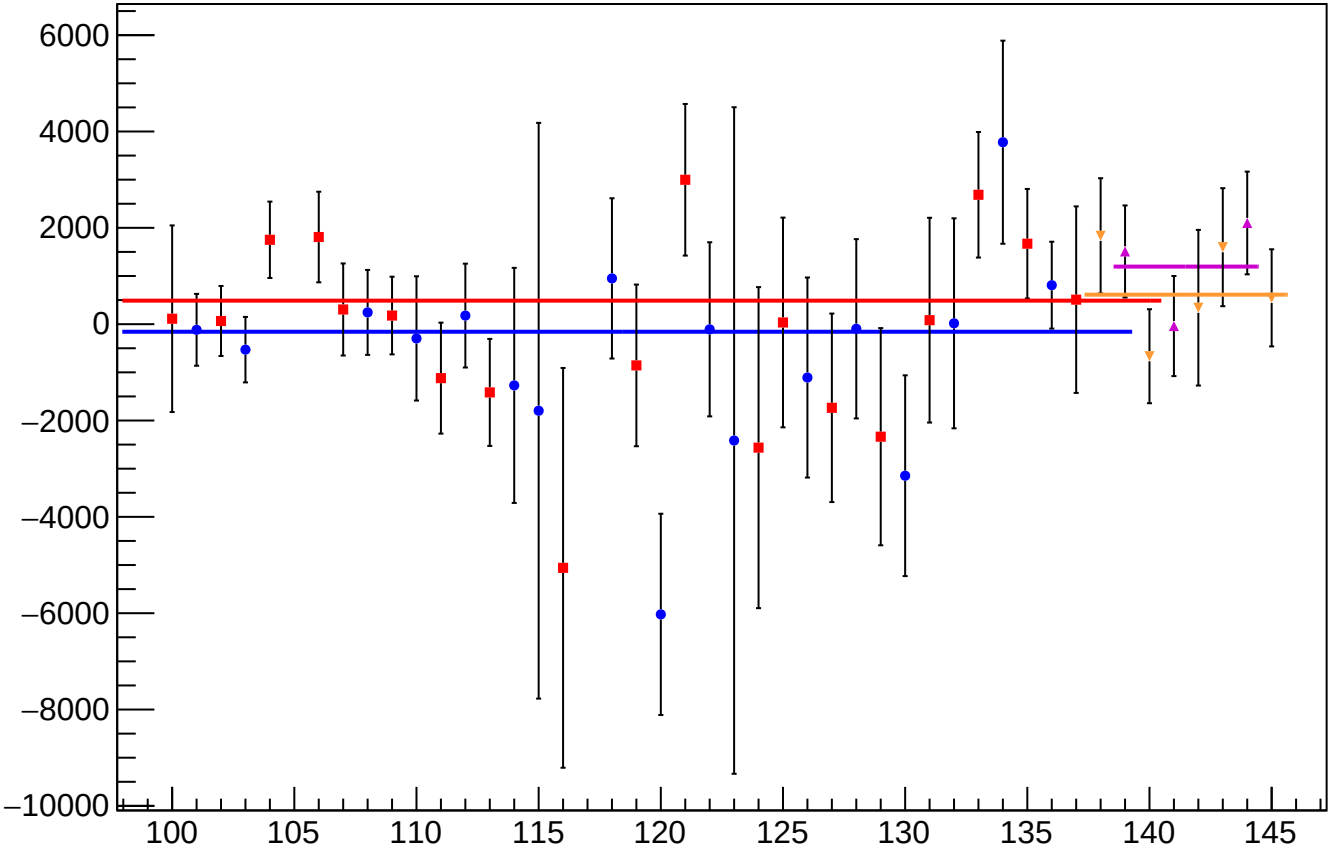
Left In: 945.593+/-0.426 χ^2/NDF:21463.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 957.011+/-0.280 χ^2/NDF: 67984.4/7

- 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: 612.559+/-514.160 χ^2/NDF:3.4/4

Right Out: 488.583+/-282.758 χ^2/NDF: 22.6/18

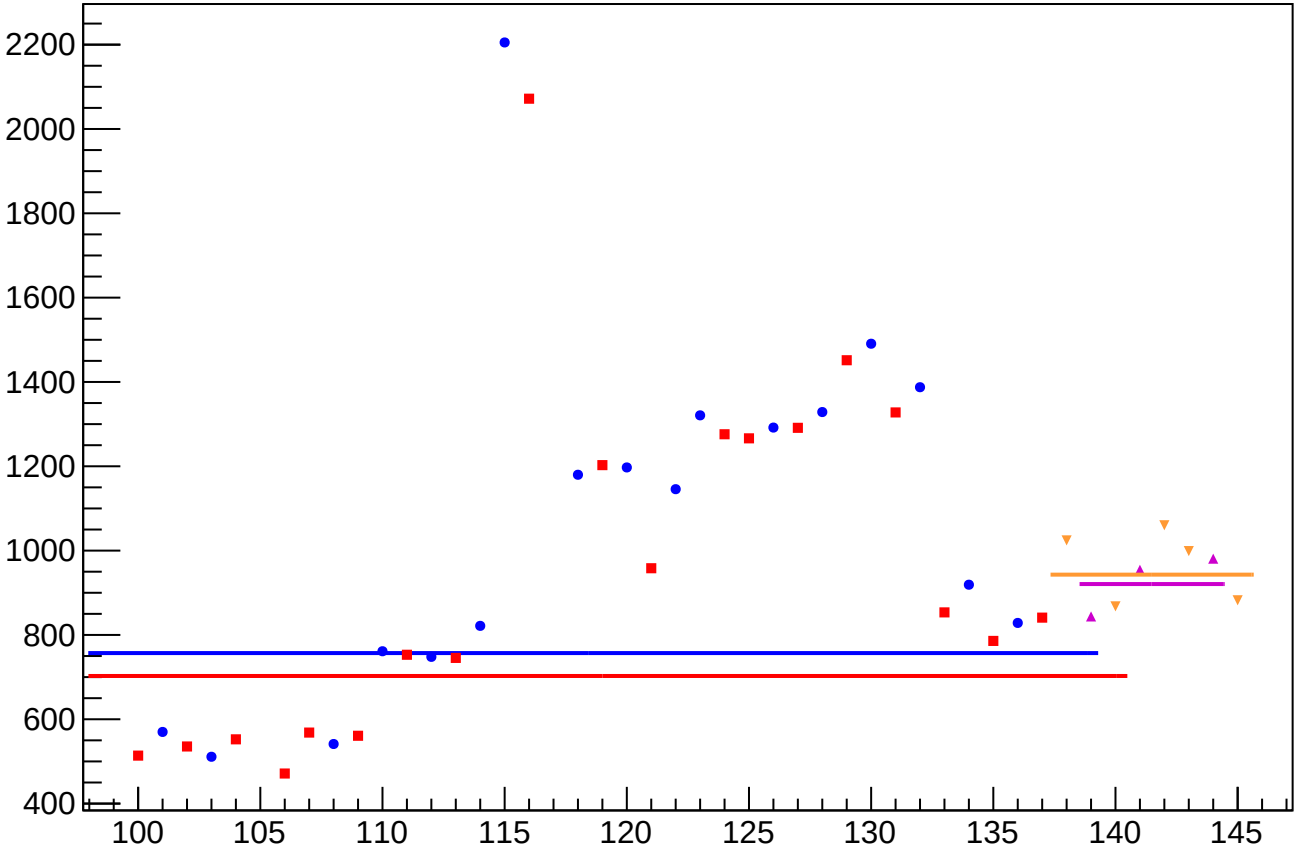
Left In: 1195.438+/-586.863 χ^2/NDF:2.2/2

+ sign 50.463+/-267.044 χ^2/NDF: 21.3/21

All: 349.583+/-184.322 χ^2/NDF: 49.8/43

- sign 621.759+/-254.733 χ^2/NDF: 26.1/21

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 943.011+/-0.364 χ^2/NDF:43056.1/4

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

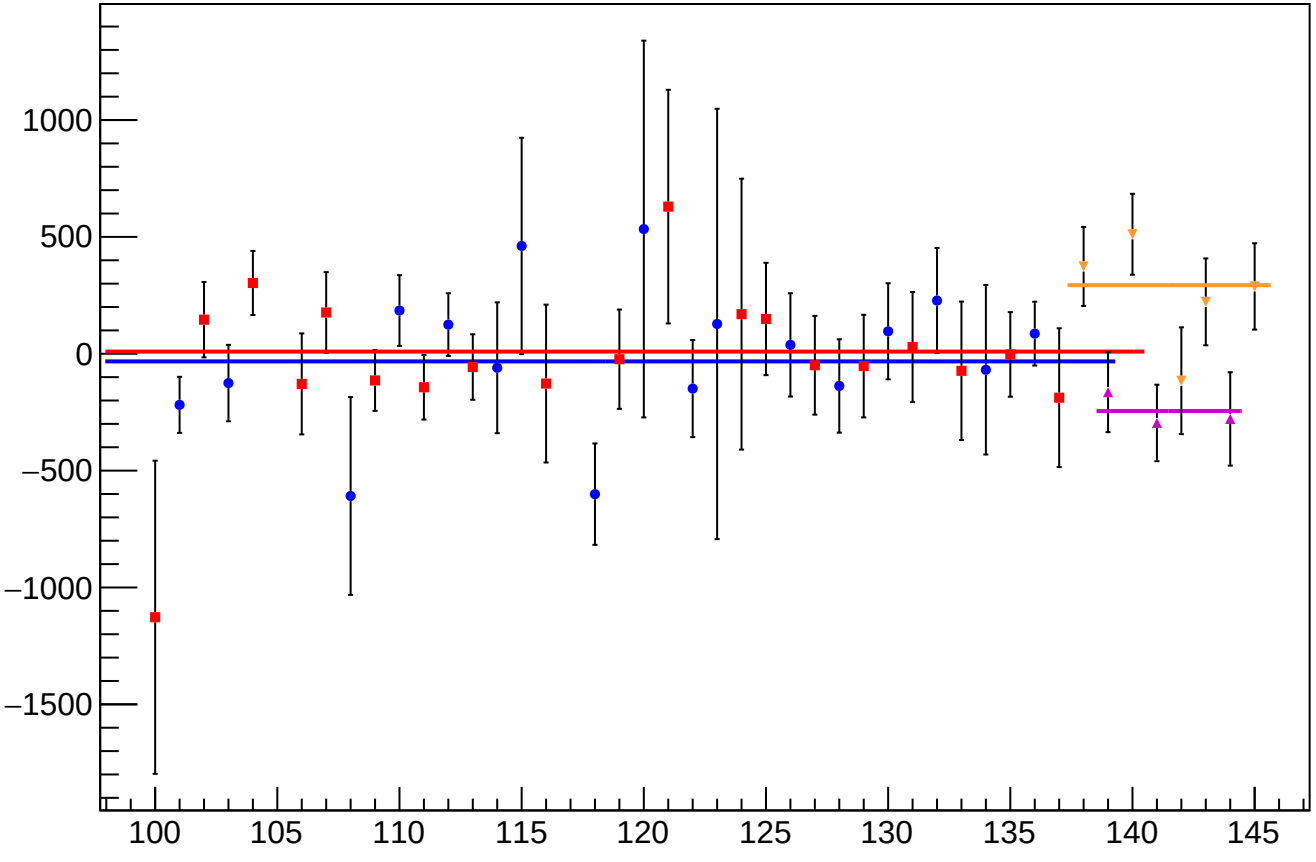
Left In: 920.699+/-0.415 χ^2/NDF:21458.5/2

+ sign 807.167+/-0.189 χ^2/NDF: 1945525.9/21

All: 773.956+/-0.130 χ^2/NDF: 3939711.9/43

- sign 743.737+/-0.180 χ^2/NDF: 1935106.7/21

dit_asym_sam6_mean vs Slug



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 293.575+/-82.834 χ^2/NDF:5.2/4

Right Out: 9.277+/-45.600 χ^2/NDF: 14.7/18

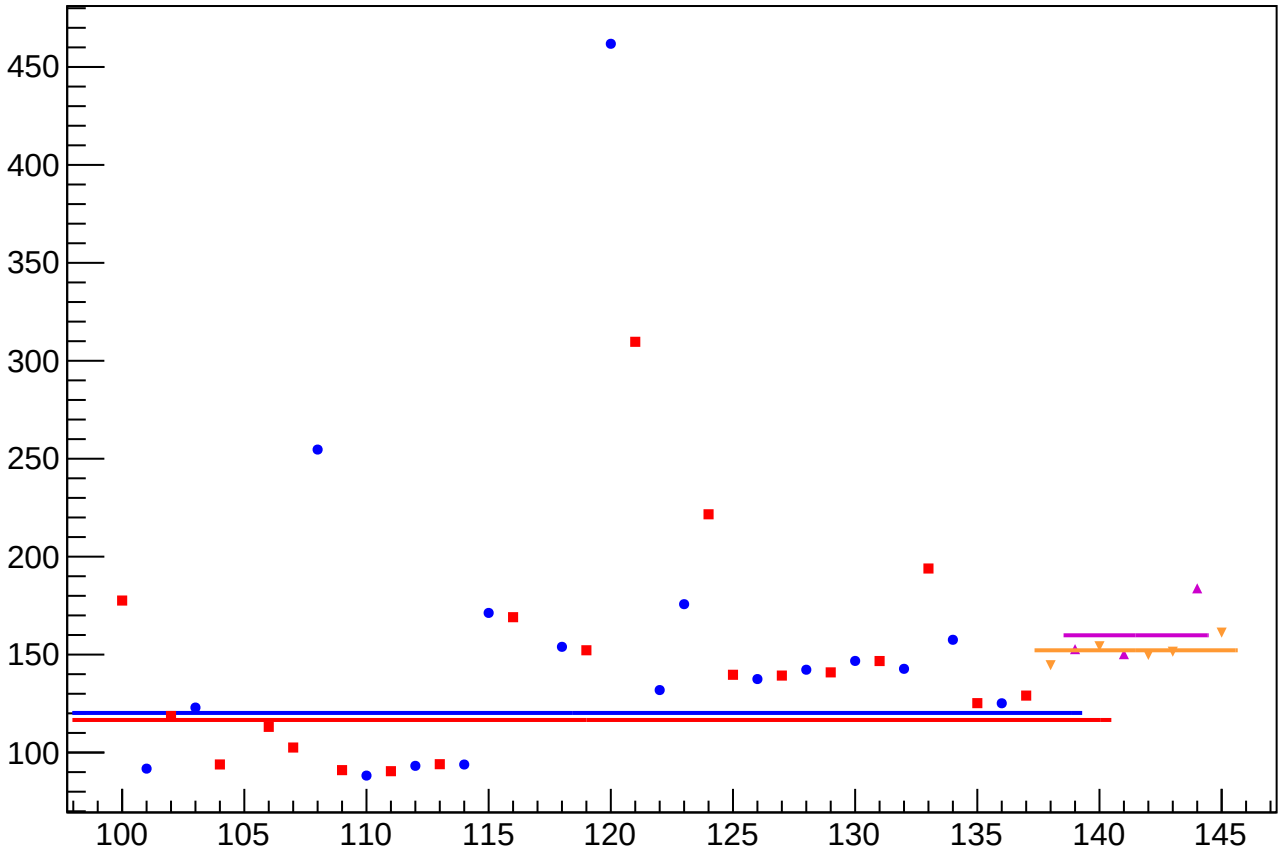
Left In: -244.919+/-101.792 χ^2/NDF:0.3/2

+ sign 50.427+/-41.809 χ^2/NDF: 36.5/21

All: 8.414+/-29.495 χ^2/NDF: 58.7/43

- sign -33.208+/-41.615 χ^2/NDF: 20.2/21

dit_asym_sam6_rms vs Slug



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 152.189+/-0.059 χ^2/NDF:9367.8/4

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

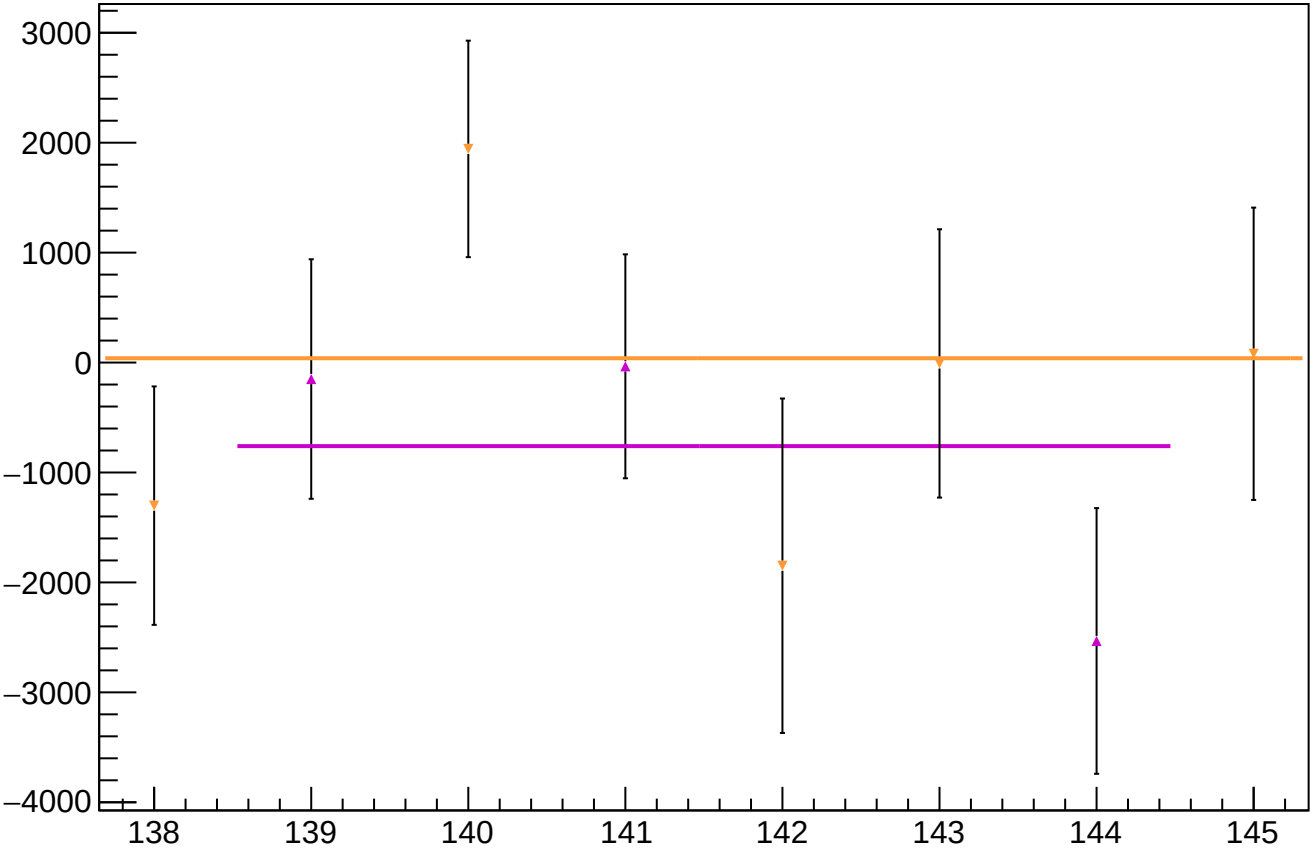
Left In: 159.852+/-0.072 χ^2/NDF:39146.4/2

+ sign 128.355+/-0.030 χ^2/NDF: 1293893.7/21

All: 126.089+/-0.021 χ^2/NDF: 2643176.5/43

- sign 123.844+/-0.029 χ^2/NDF: 1337588.8/21

asym_sam6_correction_mean vs Slug



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

Left Out: 39.260+/-530.678 χ^2/NDF:6.8/4

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

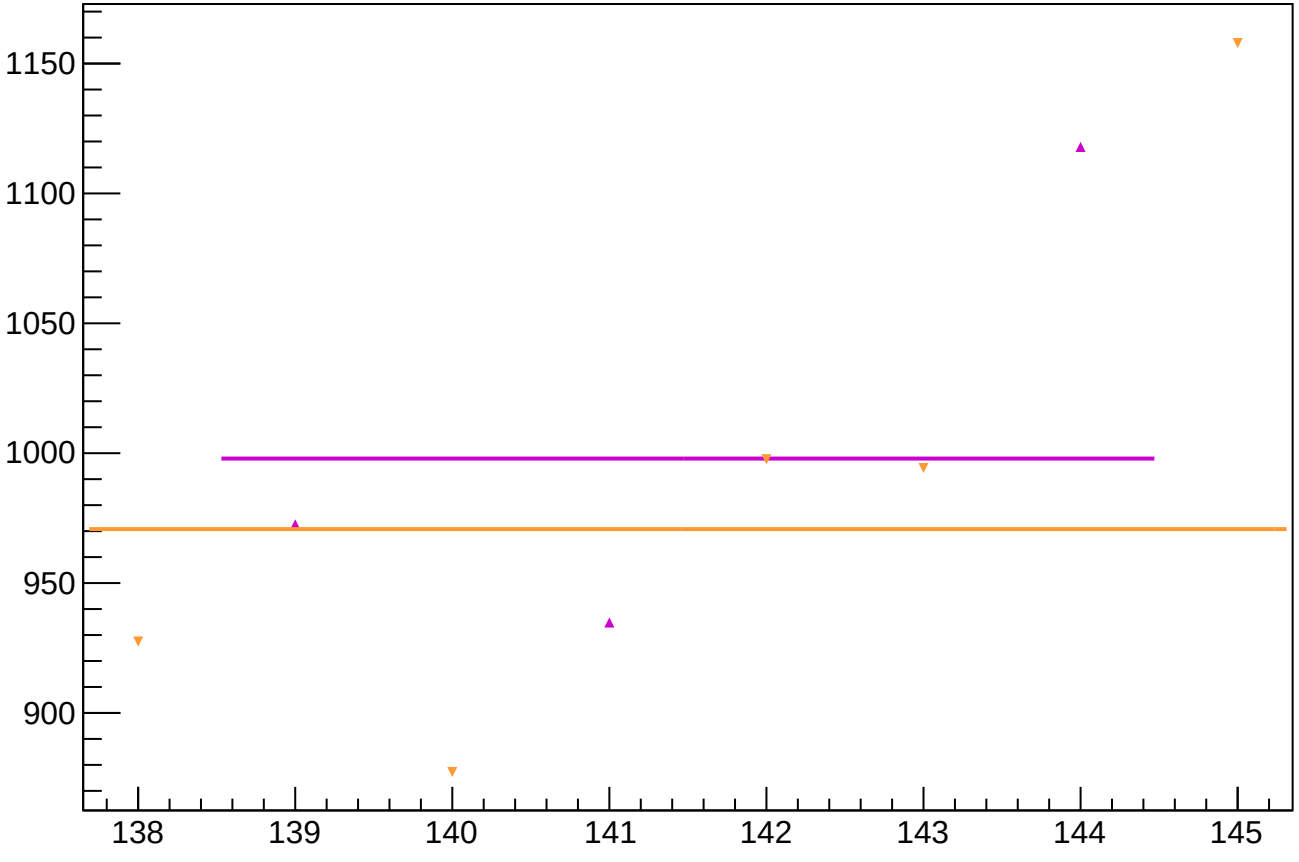
Left In: -760.052+/-633.599 χ^2/NDF:3.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -290.286+/-406.831 χ^2/NDF: 10.7/7

- 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: 970.777+/-0.375 χ^2/NDF:62194.1/4

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

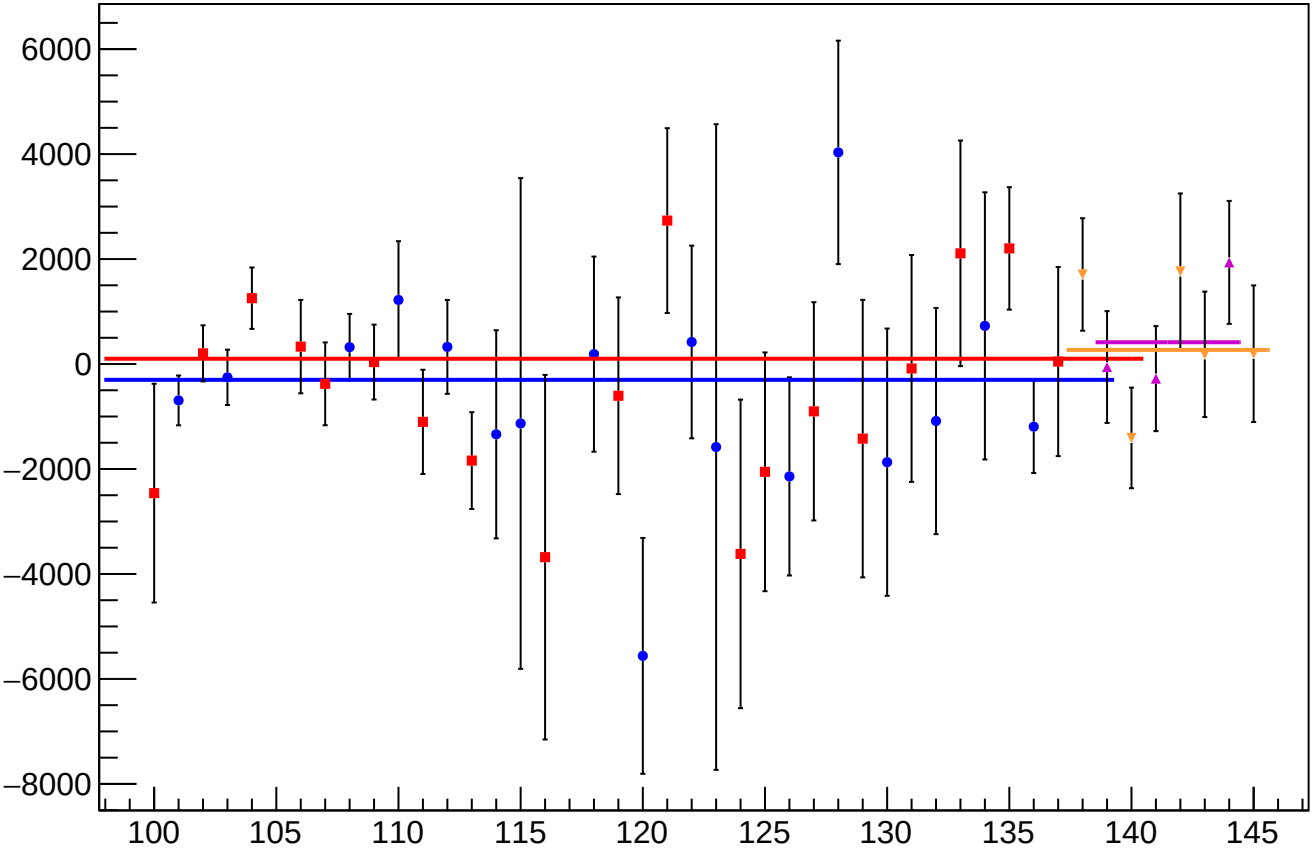
Left In: 997.933+/-0.448 χ^2/NDF:28472.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 981.973+/-0.288 χ^2/NDF: 92825.4/7

- 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: 269.165+/-519.649 χ^2/NDF:5.9/4

Right Out: 100.857+/-245.981 χ^2/NDF: 22.5/18

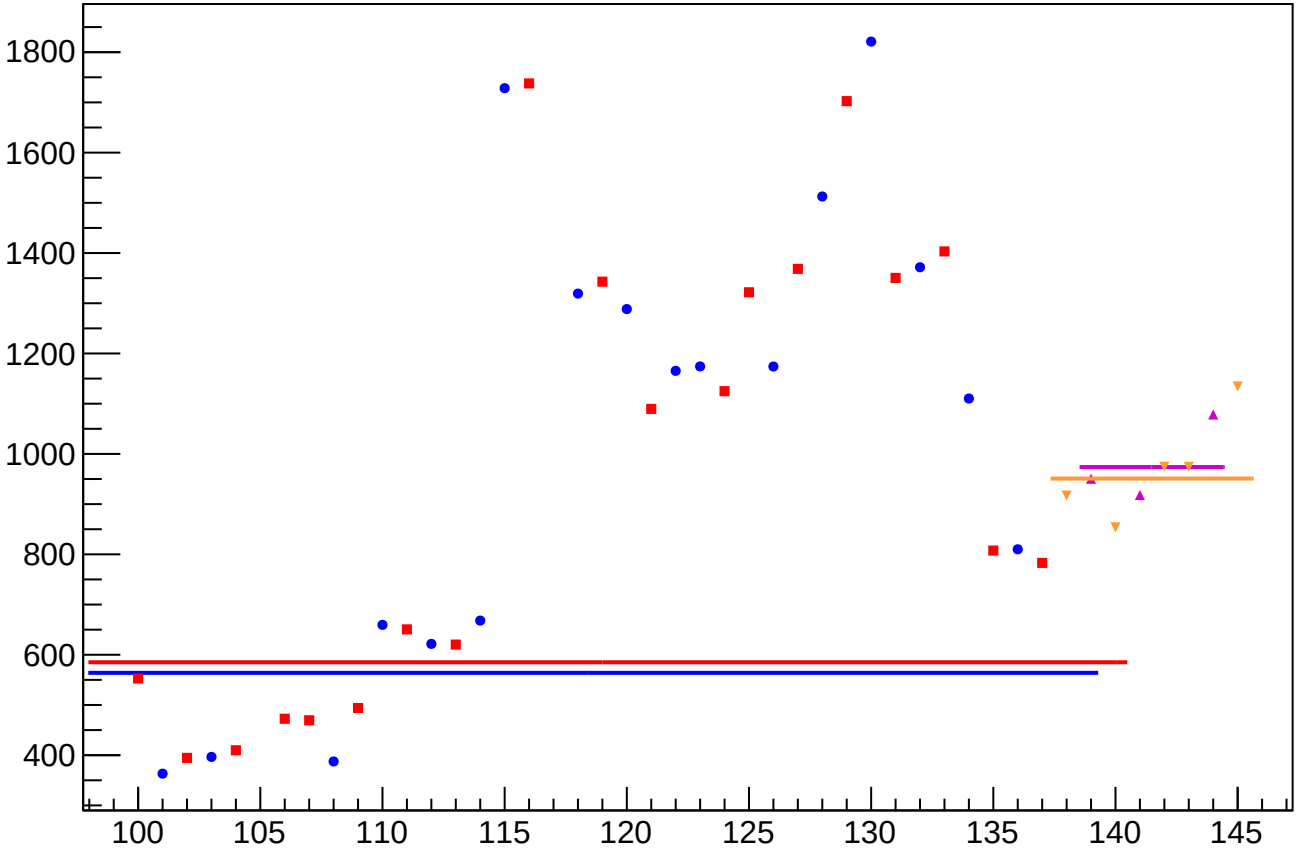
Left In: 414.752+/-619.004 χ^2/NDF:2.4/2

+ sign -193.808+/-225.316 χ^2/NDF: 23.7/21

All: -27.508+/-160.469 χ^2/NDF: 49.9/43

- sign 143.665+/-228.593 χ^2/NDF: 25.1/21

asym_sam6_rms vs Slug



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 950.870+/-0.367 χ^2/NDF:63584.4/4

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

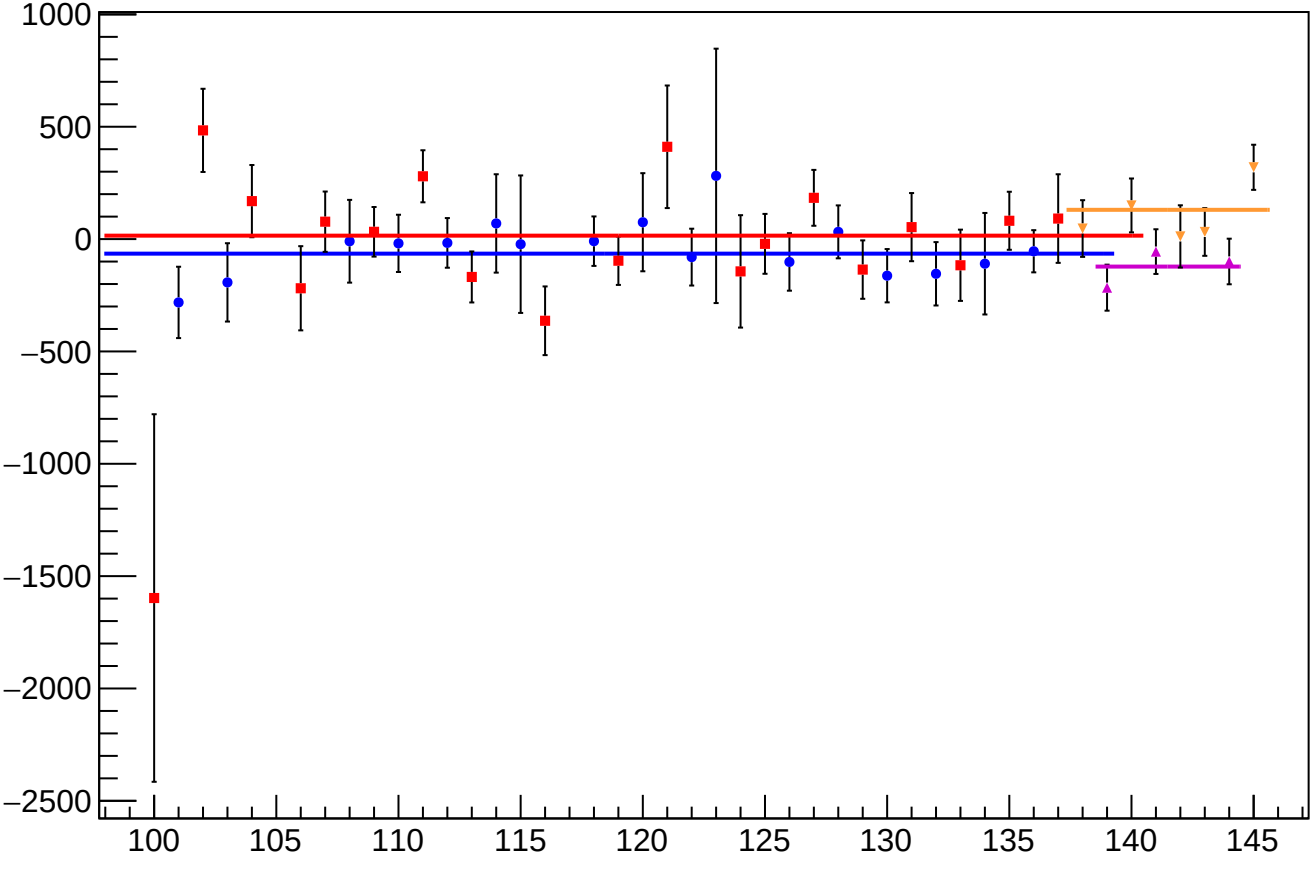
Left In: 973.845+/-0.438 χ^2/NDF:23105.9/2

+ sign 636.735+/-0.159 χ^2/NDF: 4225168.3/21

All: 637.402+/-0.113 χ^2/NDF: 7750489.9/43

- sign 638.089+/-0.162 χ^2/NDF: 3525286.0/21

dit_asym_sam7_mean vs Slug



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 130.250+/-51.827 χ^2/NDF:5.6/4

Right Out: 15.294+/-33.422 χ^2/NDF: 35.0/18

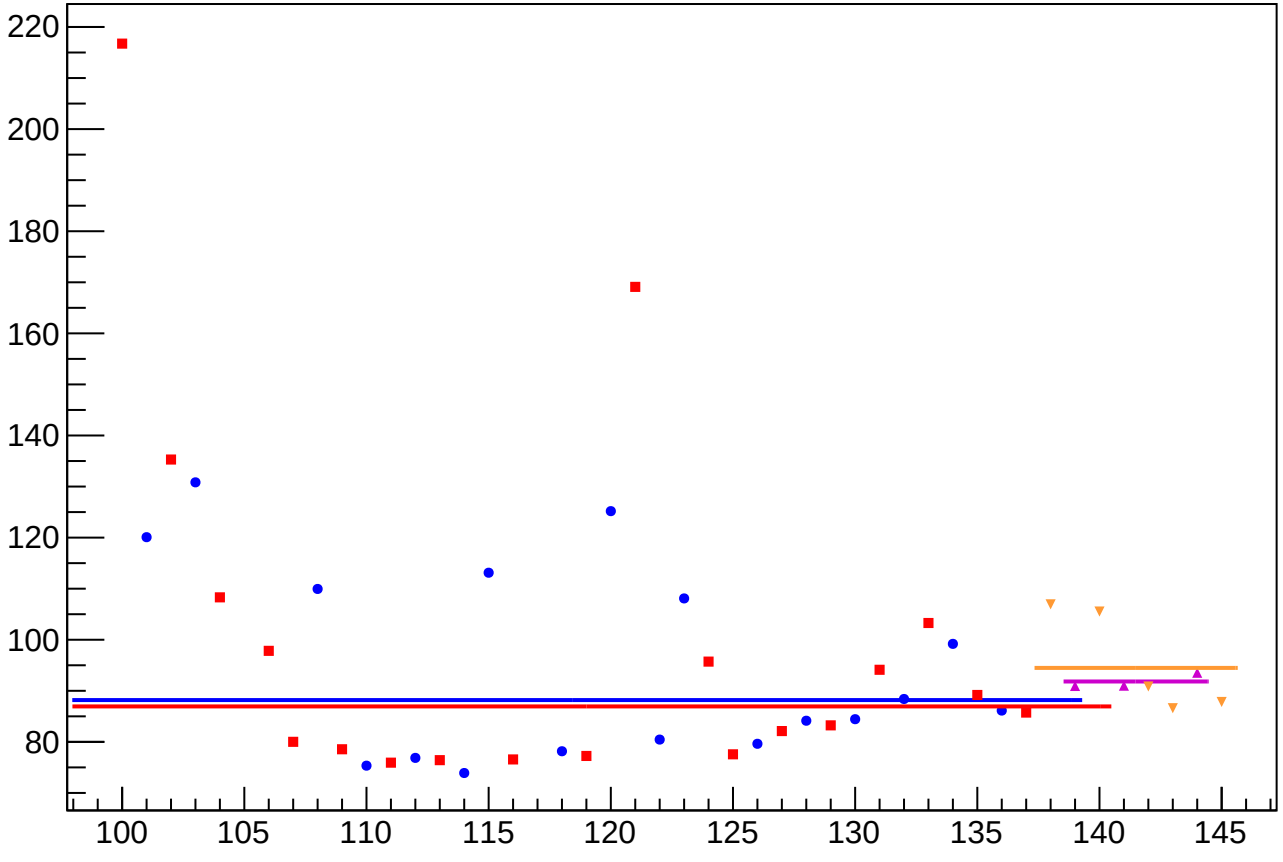
Left In: -122.358+/-58.356 χ^2/NDF:1.3/2

+ sign -4.595+/-28.793 χ^2/NDF: 21.6/21

All: -11.599+/-20.433 χ^2/NDF: 62.2/43

- sign -18.705+/-29.002 χ^2/NDF: 40.5/21

dit_asym_sam7_rms vs Slug



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 94.486+/-0.037 χ^2/NDF:57666.5/4

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

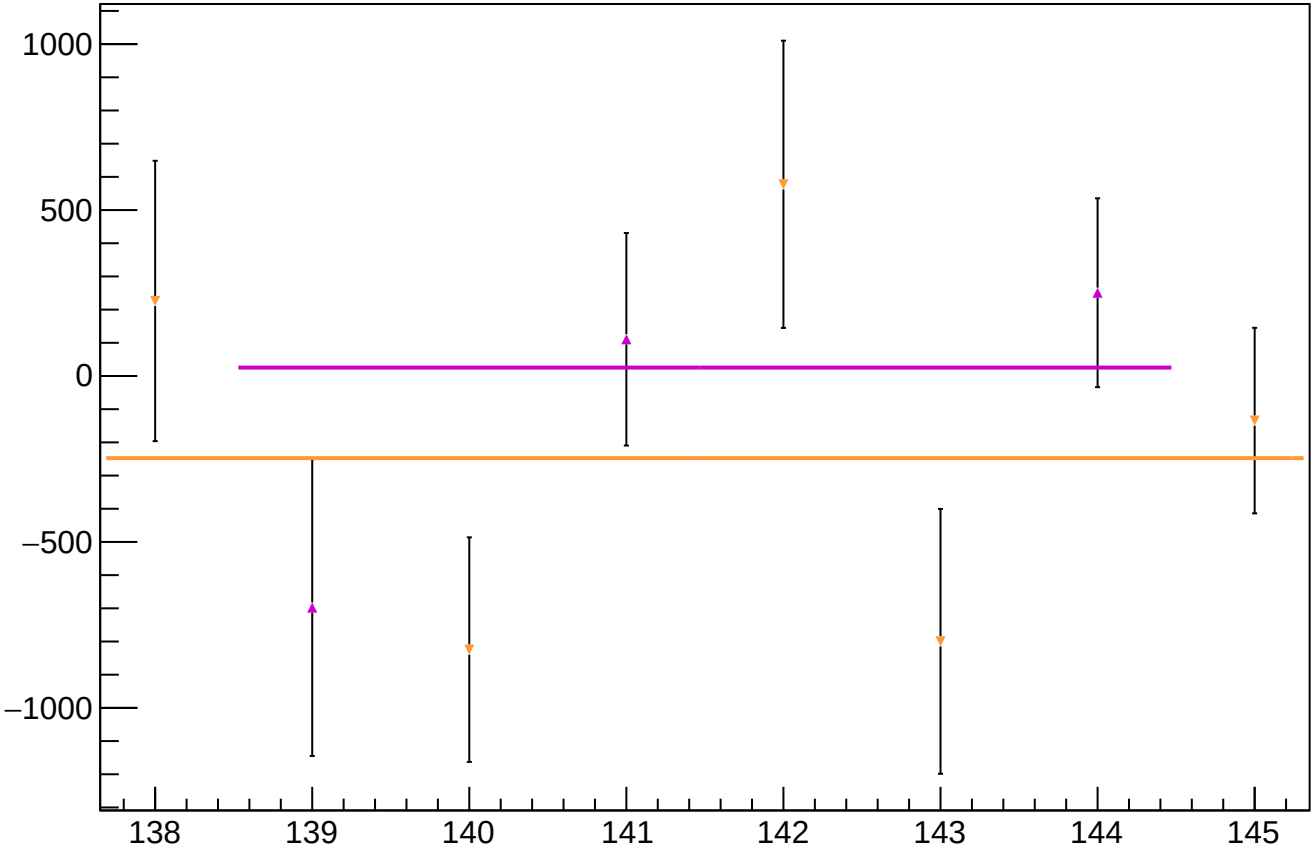
Left In: 91.825+/-0.041 χ^2/NDF:852.3/2

+ sign 90.130+/-0.020 χ^2/NDF: 472541.9/21

All: 89.147+/-0.014 χ^2/NDF: 1019997.6/43

- sign 88.149+/-0.021 χ^2/NDF: 542753.2/21

asym_sam7_correction_mean vs Slug



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

Left Out: -247.500+/-160.636 χ^2/NDF:9.9/4

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

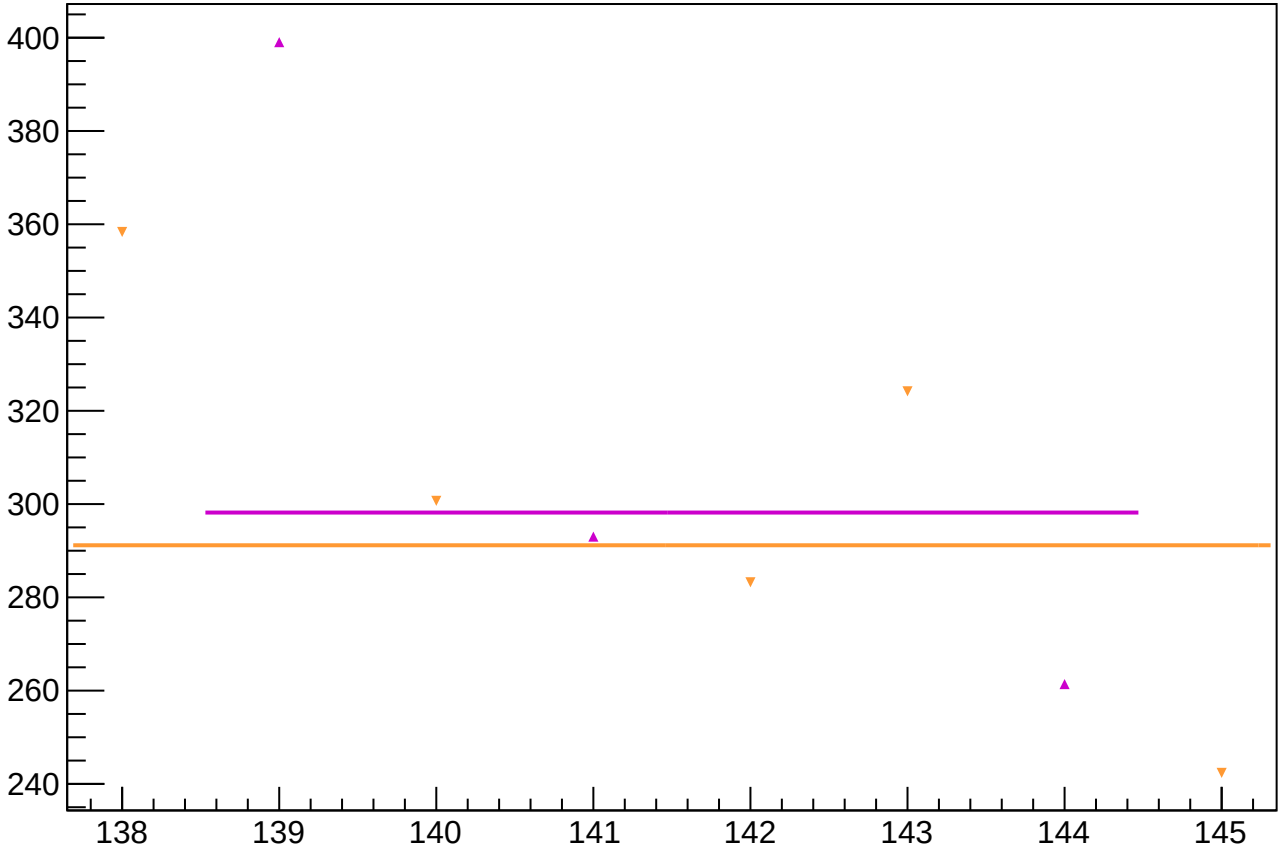
Left In: 25.393+/-192.084 χ^2/NDF:3.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -135.193+/-123.225 χ^2/NDF: 14.4/7

- 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: 291.169+/-0.114 χ^2/NDF:127498.3/4

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

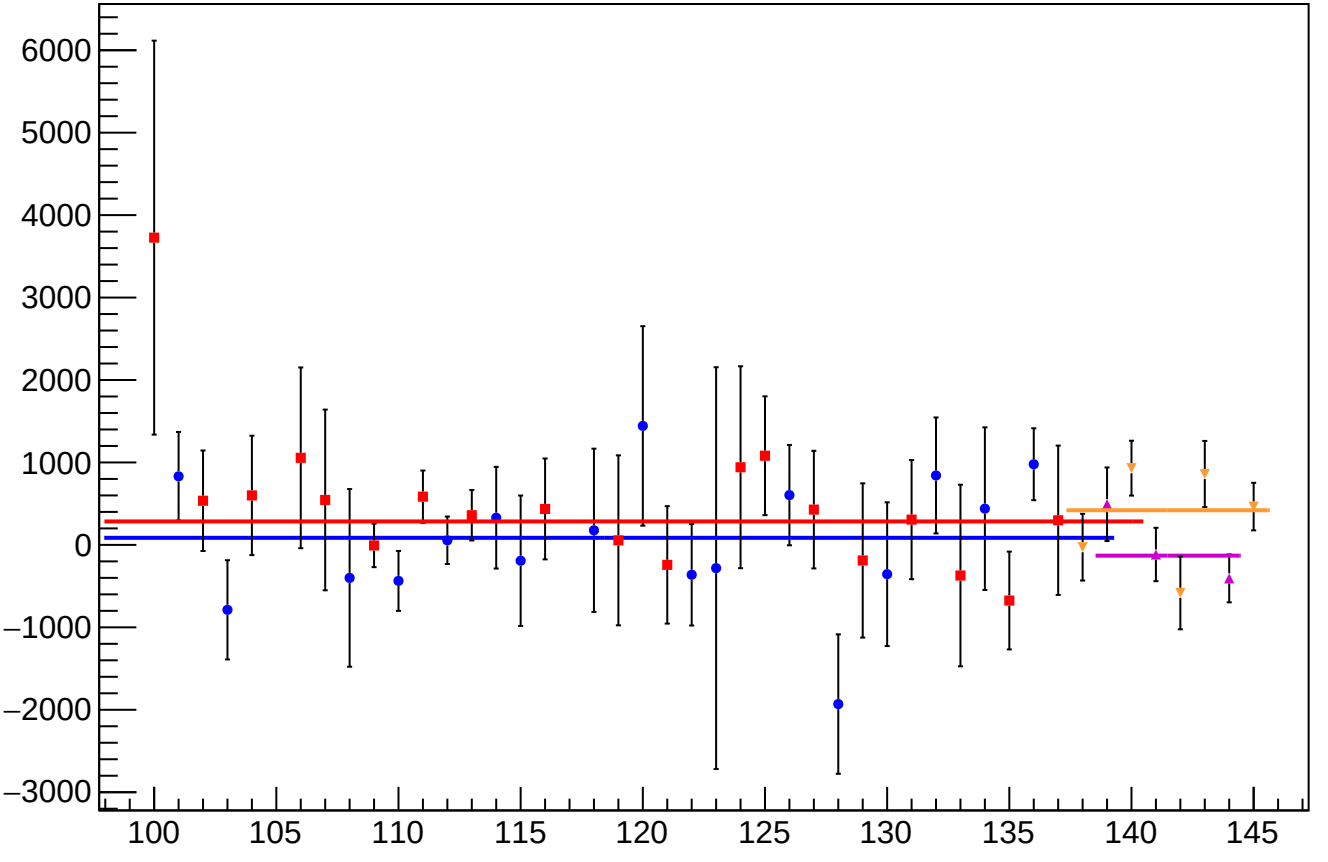
Left In: 298.184+/-0.136 χ^2/NDF:135683.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 294.056+/-0.087 χ^2/NDF: 264750.8/7

- 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: 420.443+/-161.180 χ^2/NDF:9.9/4

Right Out: 284.456+/-129.599 χ^2/NDF: 10.6/18

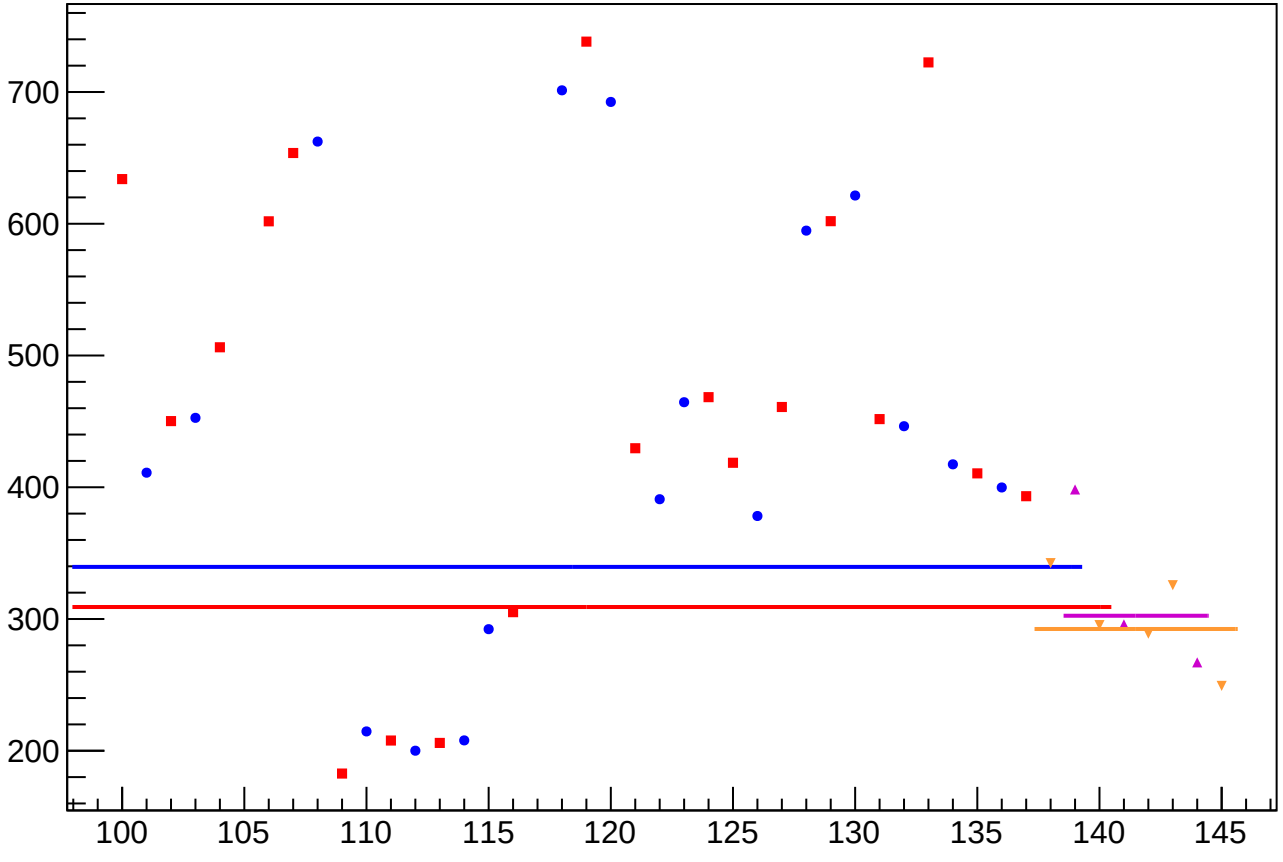
Left In: -130.536+/-194.612 χ^2/NDF:2.9/2

+ sign 232.737+/-106.801 χ^2/NDF: 32.9/21

All: 195.225+/-75.895 χ^2/NDF: 49.8/43

- sign 156.960+/-107.869 χ^2/NDF: 16.6/21

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 292.426+/-0.114 χ^2/NDF:89356.3/4

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

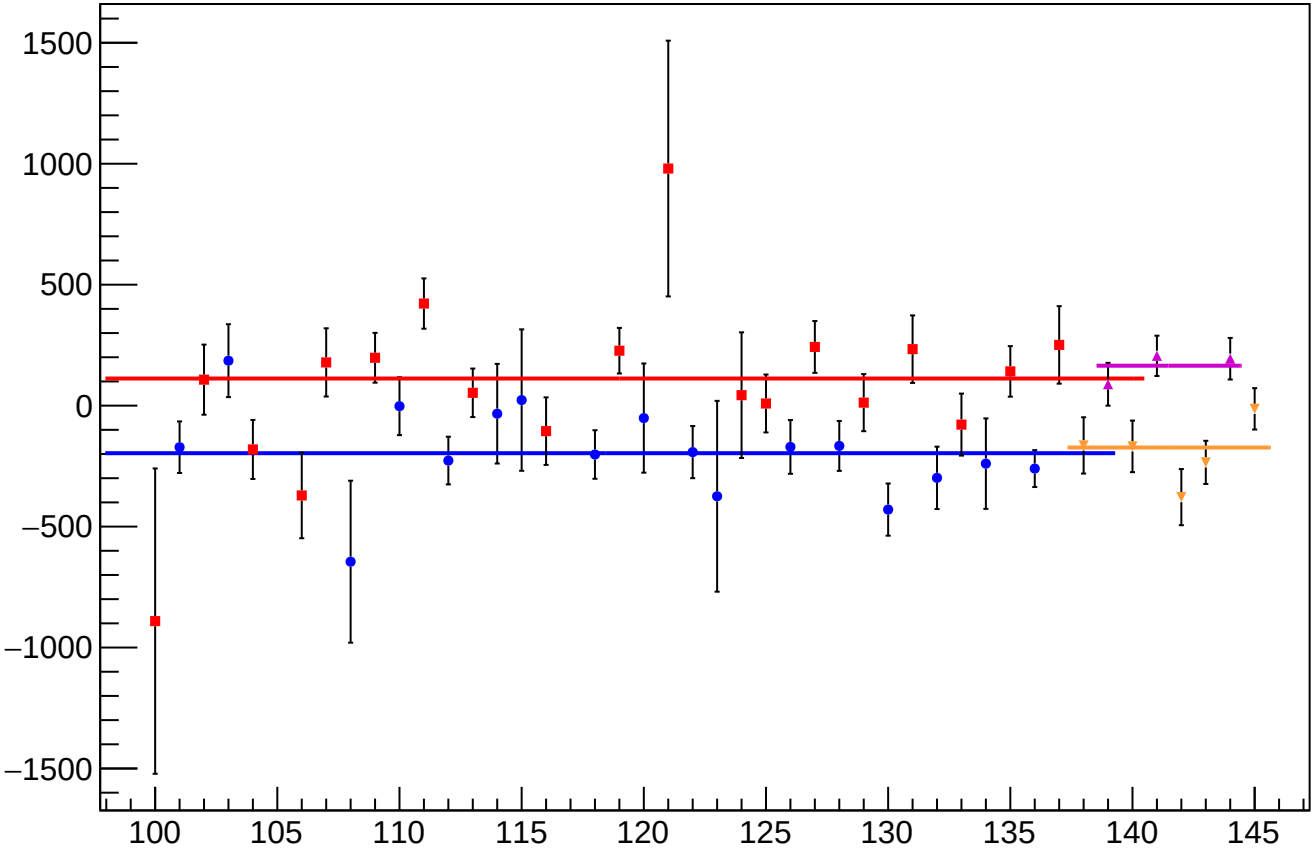
Left In: 302.477+/-0.138 χ^2/NDF:122703.0/2

+ sign 318.861+/-0.076 χ^2/NDF: 2227508.2/21

All: 313.023+/-0.054 χ^2/NDF: 5094196.3/43

- sign 307.069+/-0.076 χ^2/NDF: 2854618.8/21

dit_asym_sam8_mean vs Slug



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -173.182+/-44.789 χ^2/NDF:7.1/4

Right Out: 112.097+/-29.622 χ^2/NDF: 39.3/18

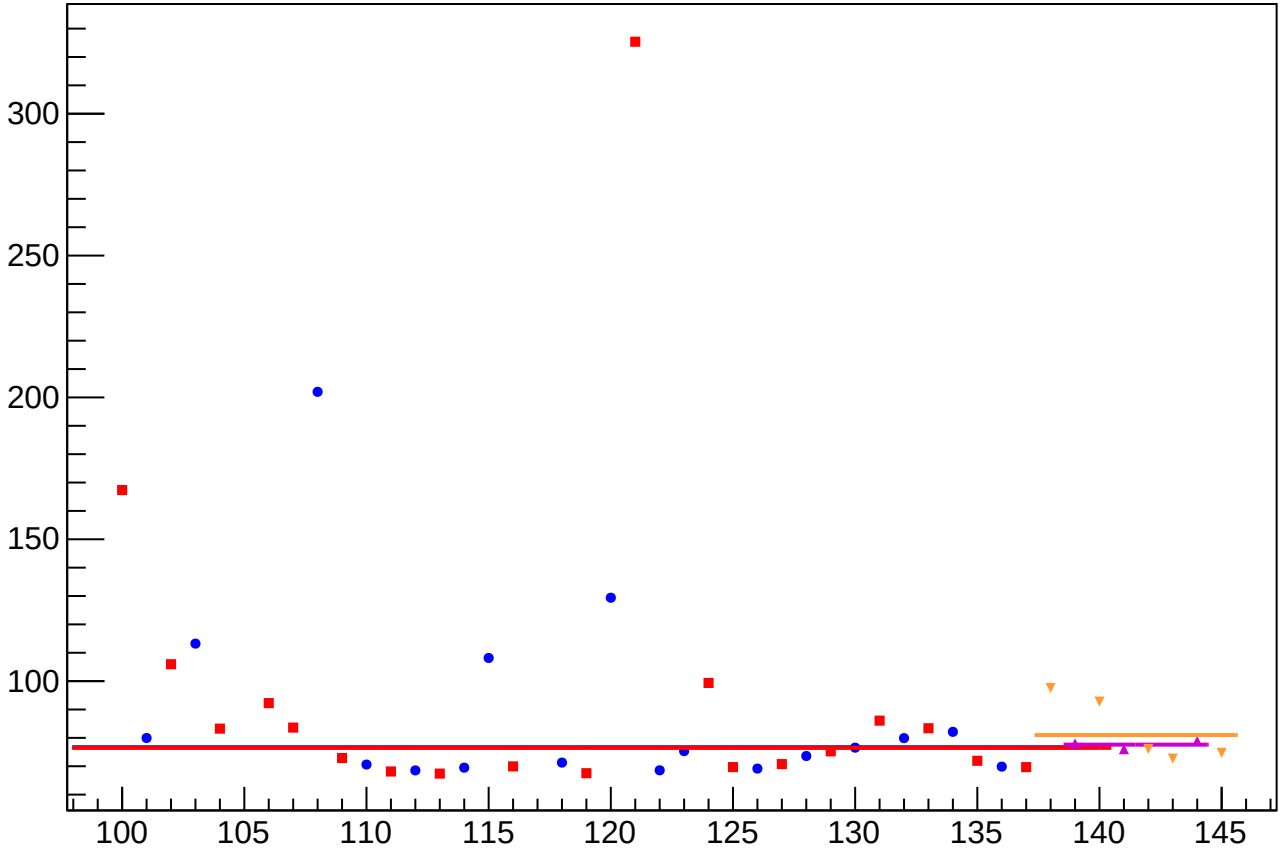
Left In: 165.081+/-49.561 χ^2/NDF:1.1/2

+ sign -189.214+/-25.153 χ^2/NDF: 26.3/21

All: -33.291+/-17.882 χ^2/NDF: 145.3/43

- sign 126.043+/-25.426 χ^2/NDF: 41.3/21

dit_asym_sam8_rms vs Slug



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 80.988+/-0.032 χ^2/NDF:96668.9/4

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

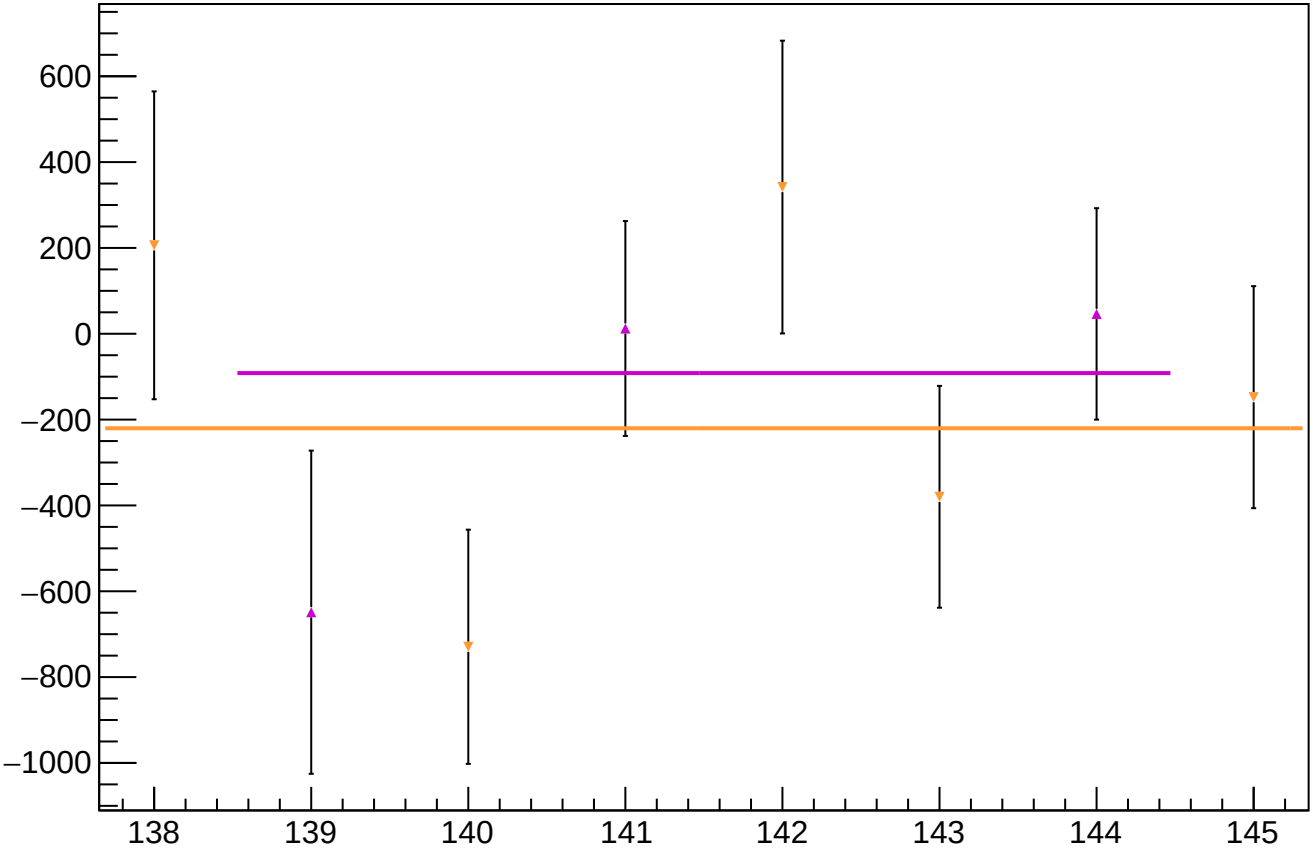
Left In: 77.612+/-0.035 χ^2/NDF:1243.9/2

+ sign 78.047+/-0.018 χ^2/NDF: 709614.6/21

All: 77.419+/-0.013 χ^2/NDF: 1413511.8/43

- sign 76.777+/-0.018 χ^2/NDF: 701375.9/21

asym_sam8_correction_mean vs Slug



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

Left Out: -220.220+/-129.403 χ^2/NDF:8.1/4

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

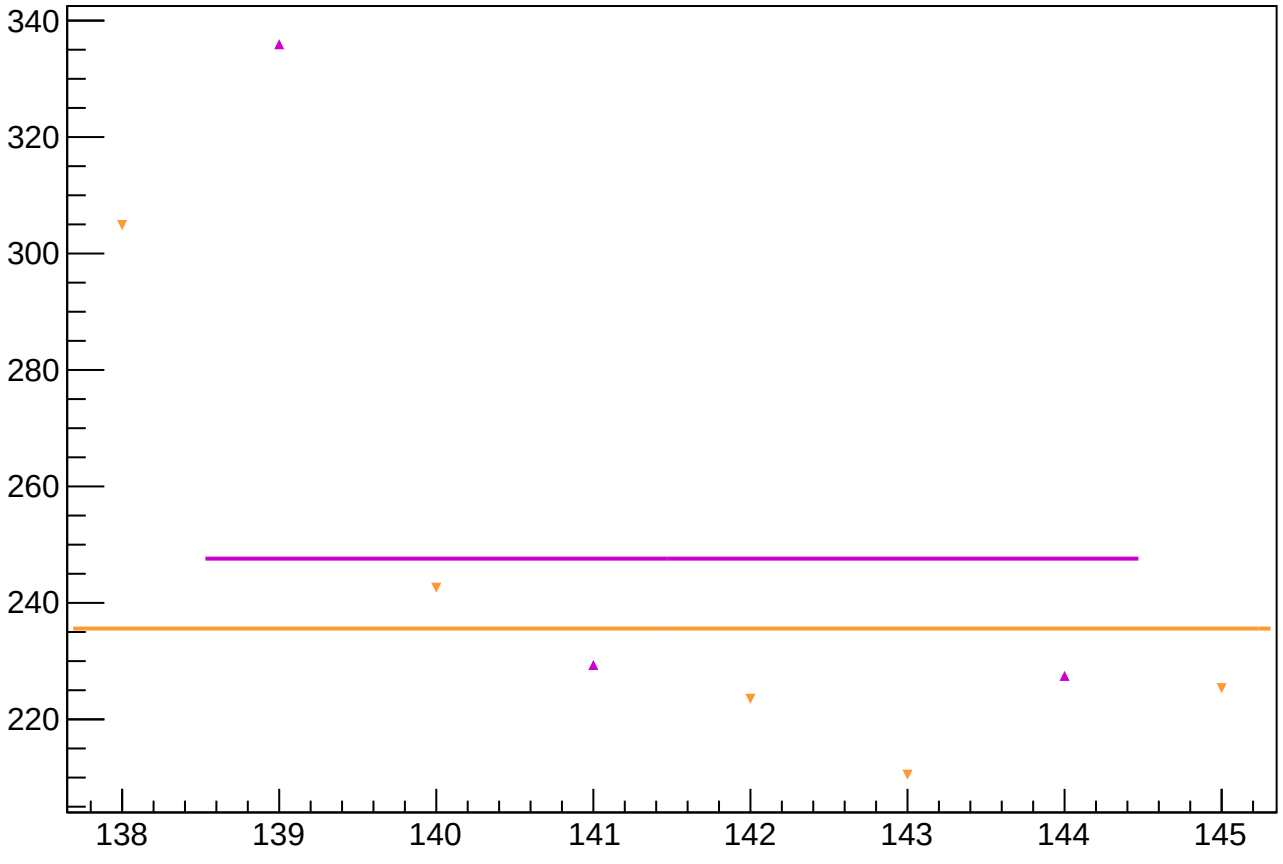
Left In: -91.619+/-159.125 χ^2/NDF:2.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -169.028+/-100.396 χ^2/NDF: 11.1/7

- 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: 235.595+/-0.092 χ^2/NDF:100471.7/4

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

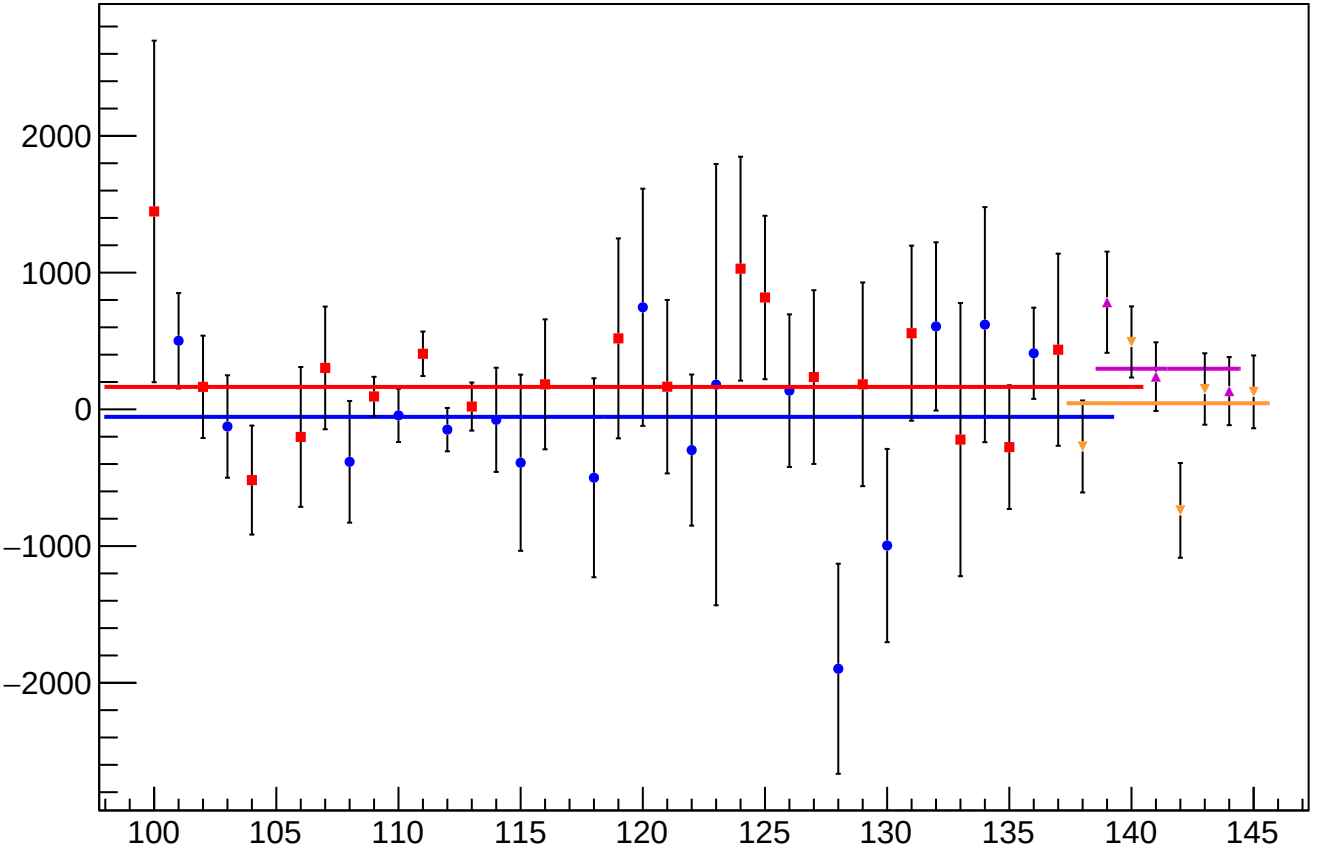
Left In: 247.602+/-0.113 χ^2/NDF:134112.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 240.375+/-0.071 χ^2/NDF: 241438.4/7

- 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: 44.738+/-128.372 χ^2/NDF:9.2/4

Right Out: 164.141+/-76.903 χ^2/NDF: 11.9/18

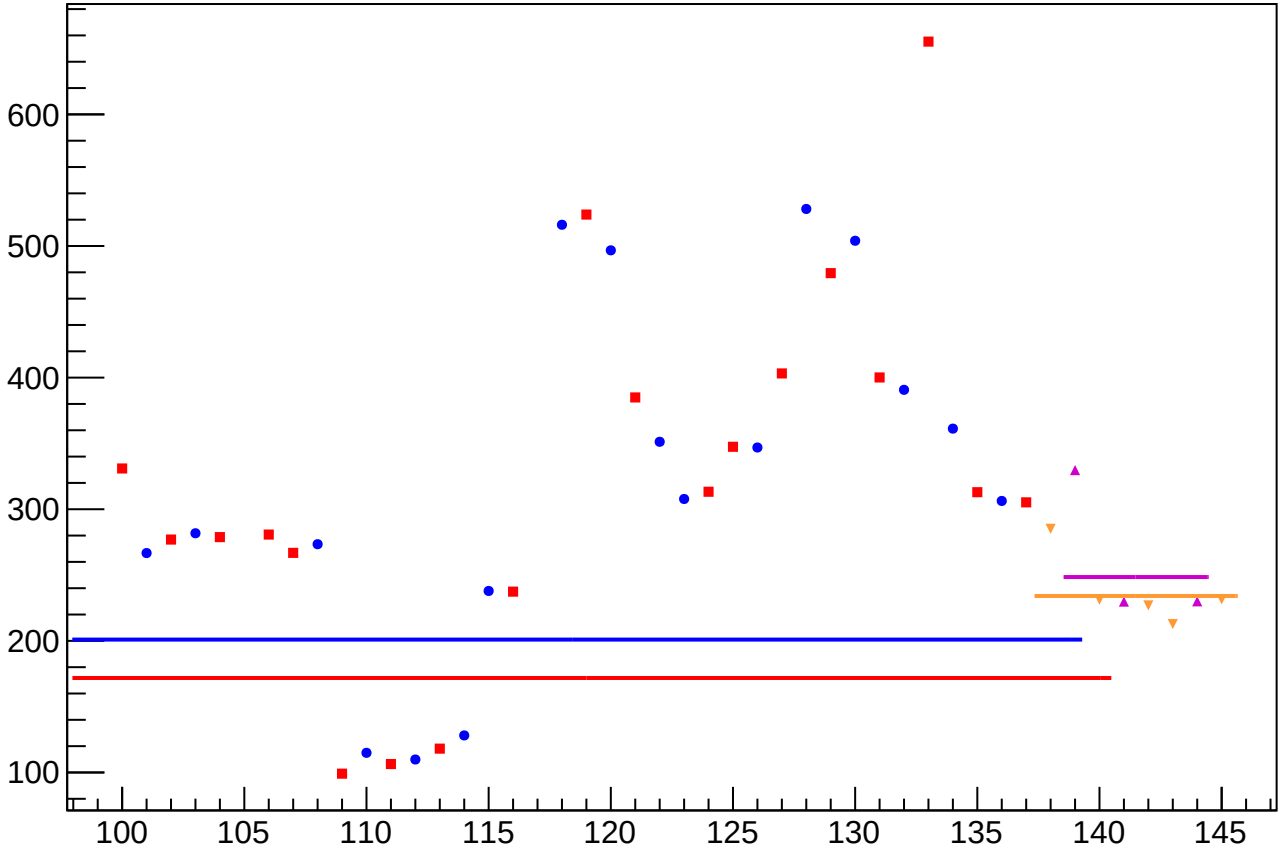
Left In: 297.084+/-159.512 χ^2/NDF:2.2/2

+ sign -21.913+/-73.888 χ^2/NDF: 26.2/21

All: 90.449+/-50.536 χ^2/NDF: 45.2/43

- sign 189.213+/-69.273 χ^2/NDF: 14.7/21

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 234.101+/-0.091 χ^2/NDF:60638.9/4

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

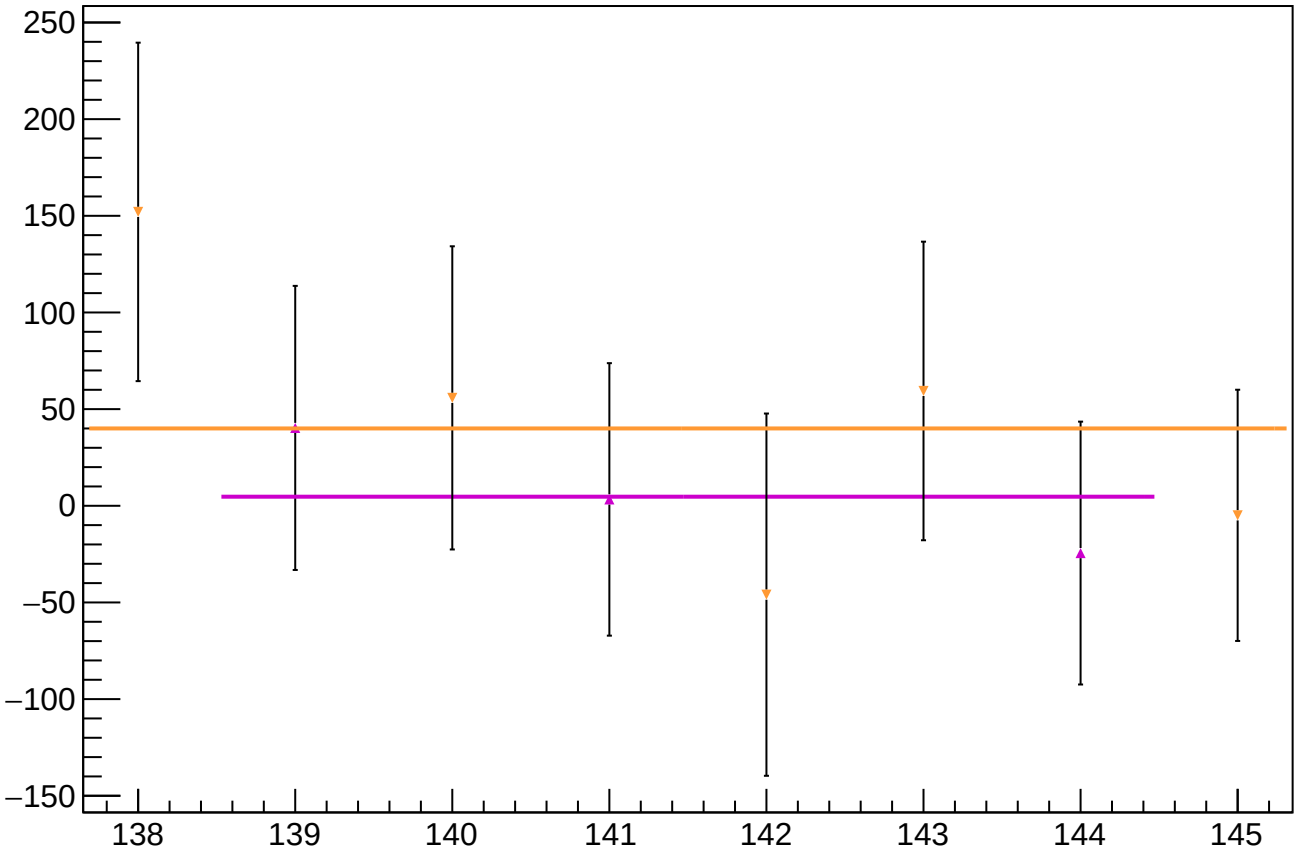
Left In: 248.483+/-0.113 χ^2/NDF:118528.5/2

+ sign 211.946+/-0.052 χ^2/NDF: 3585874.1/21

All: 198.275+/-0.036 χ^2/NDF: 8300800.4/43

- sign 186.257+/-0.049 χ^2/NDF: 4586259.4/21

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 40.007+/-35.102 χ^2/NDF:3.1/4

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

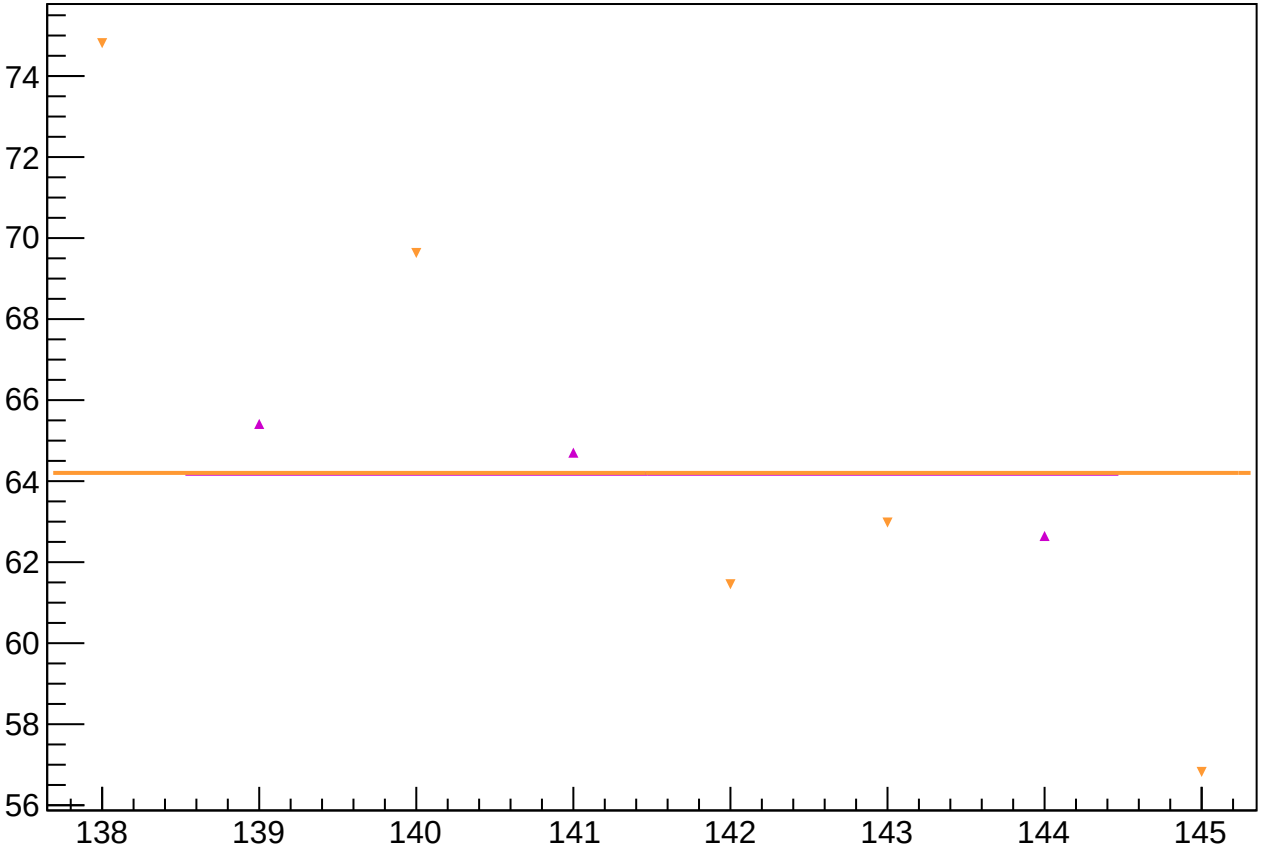
Left In: 4.702+/-40.727 χ^2/NDF:0.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 24.959+/-26.589 χ^2/NDF: 3.9/7

- 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: 64.203+/-0.025 χ^2/NDF:66993.9/4

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

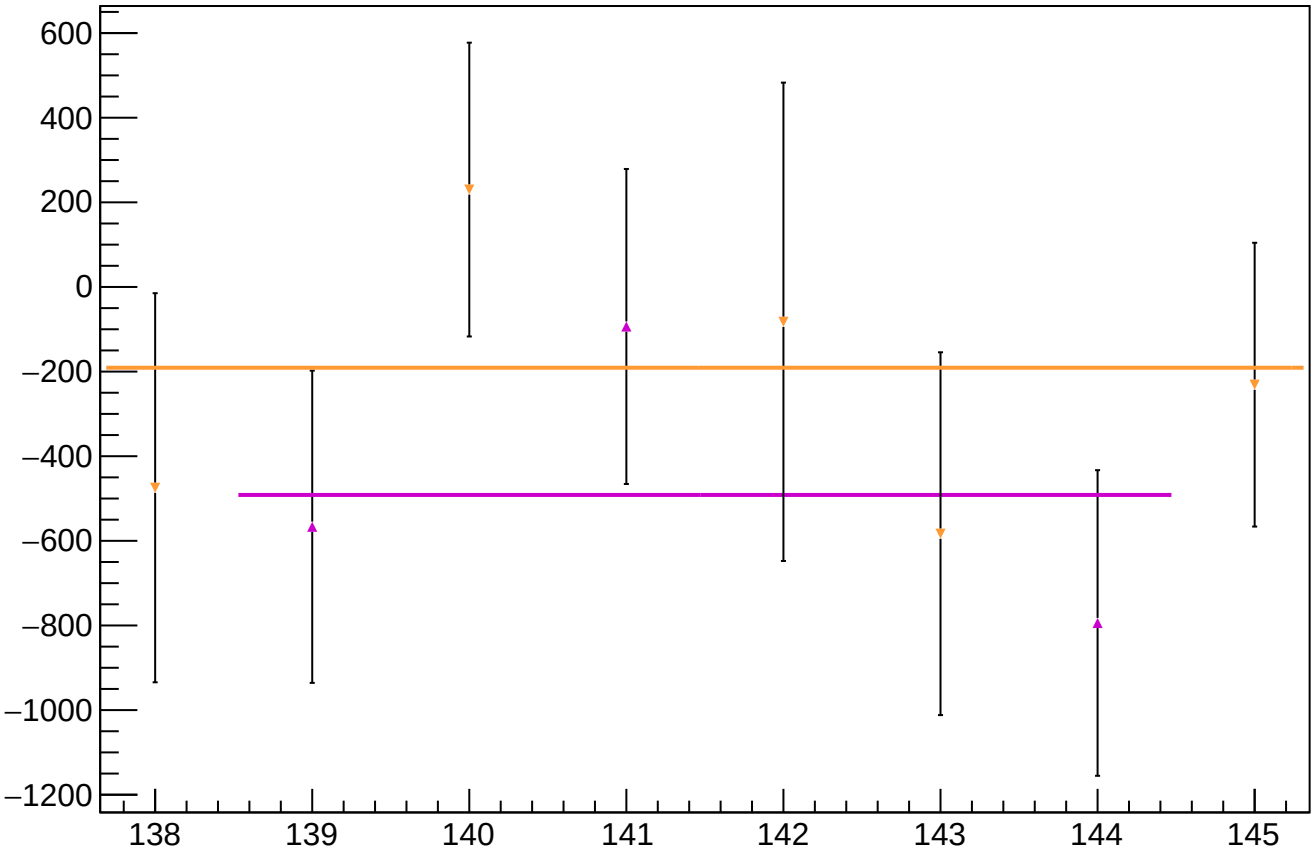
Left In: 64.183+/-0.029 χ^2/NDF:1690.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 64.195+/-0.019 χ^2/NDF: 68684.8/7

- 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: -190.845+/-181.102 χ^2/NDF:2.7/4

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

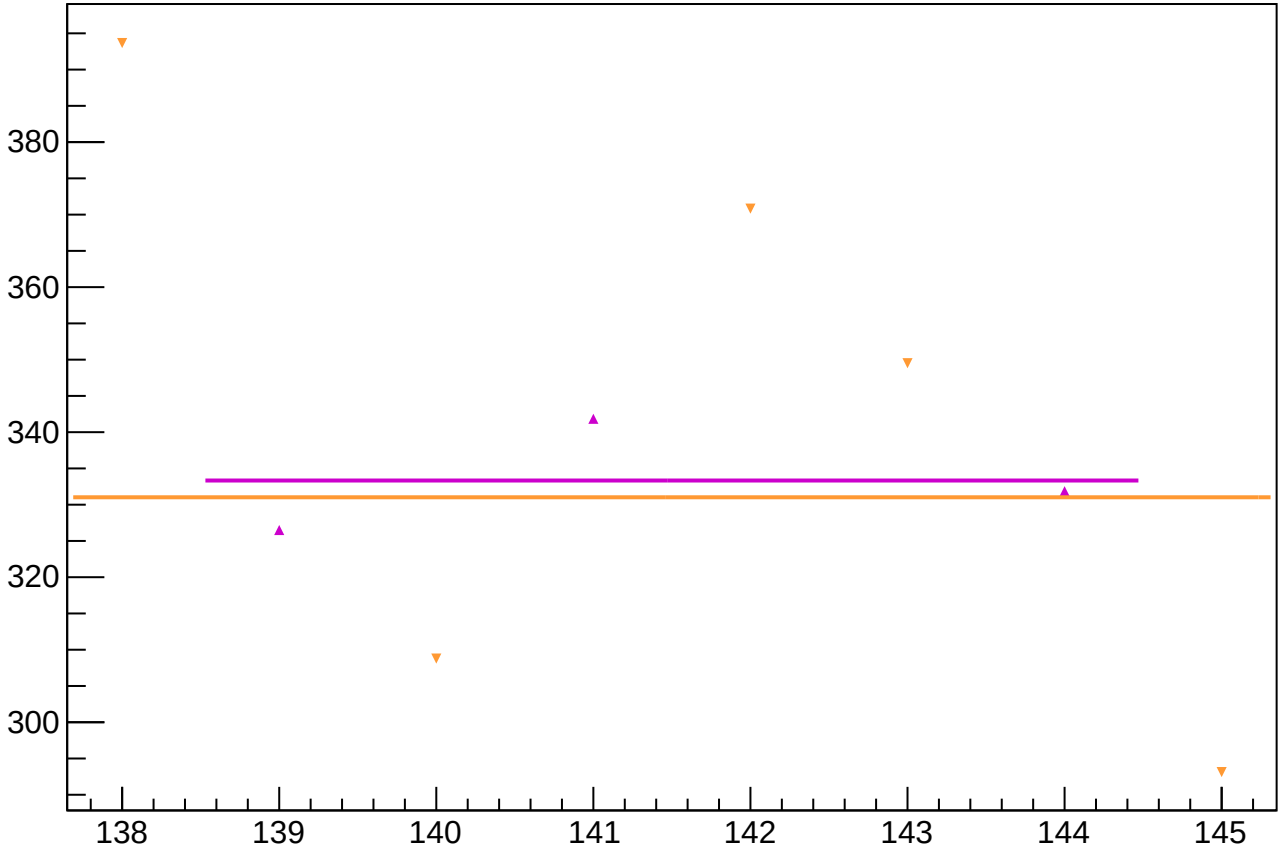
Left In: -491.517+/-212.101 χ^2/NDF:1.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -317.623+/-137.727 χ^2/NDF: 5.8/7

- 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: 331.021+/-0.128 χ^2/NDF:84506.2/4

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

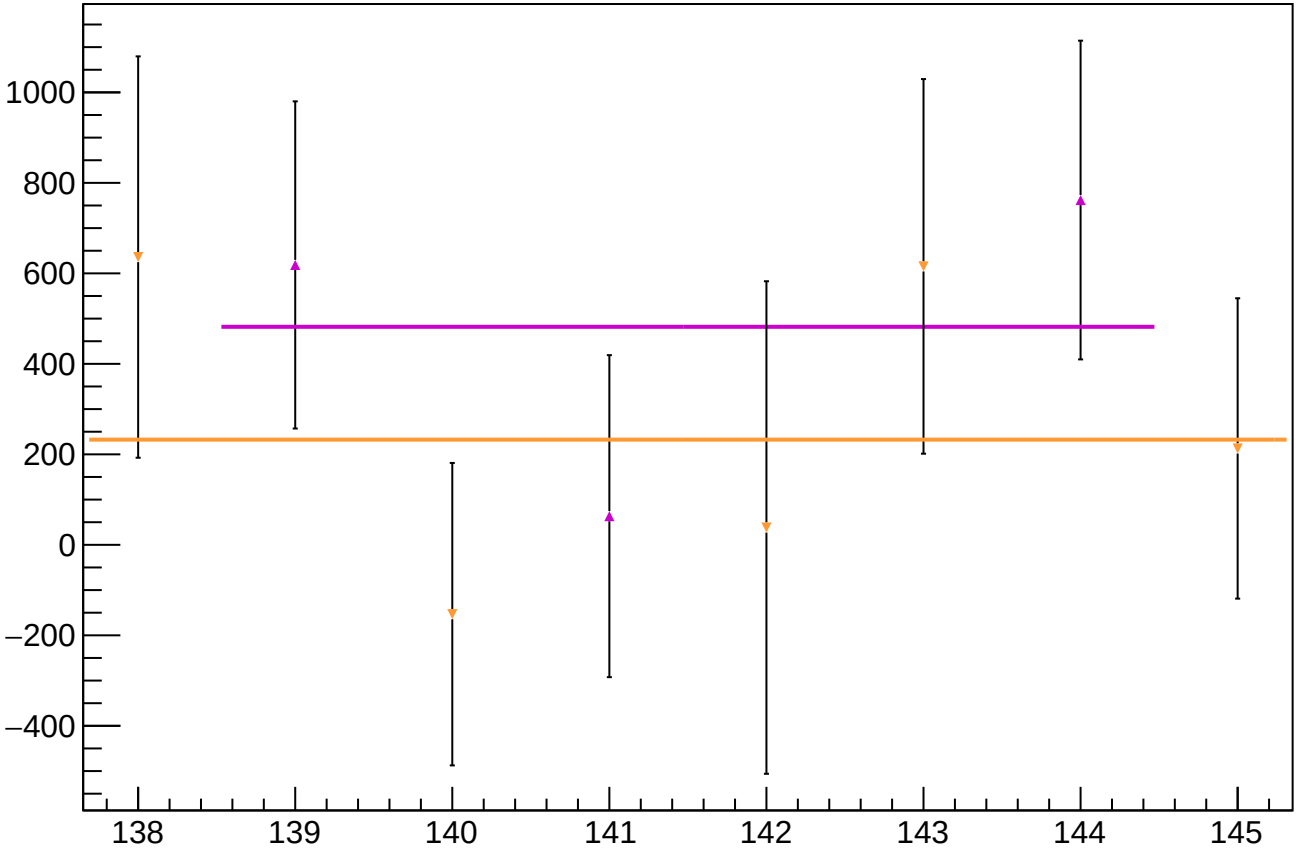
Left In: 333.334+/-0.150 χ^2/NDF:1763.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 331.996+/-0.097 χ^2/NDF: 86407.6/7

- 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: 232.503+/-175.897 χ^2/NDF:3.1/4

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

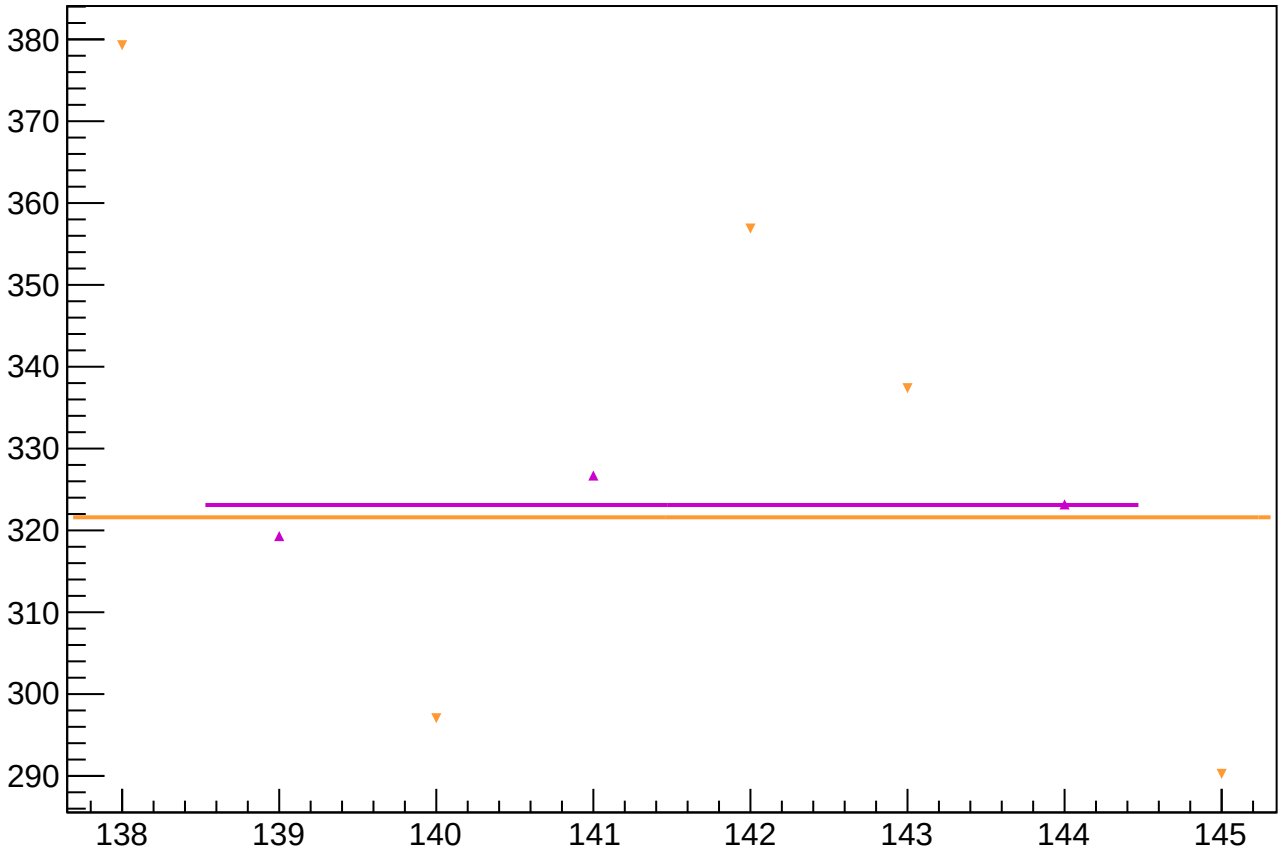
Left In: 481.890+/-205.811 χ^2/NDF:2.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 337.771+/-133.716 χ^2/NDF: 6.2/7

- 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: 321.600+/-0.124 χ^2/NDF:73765.5/4

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

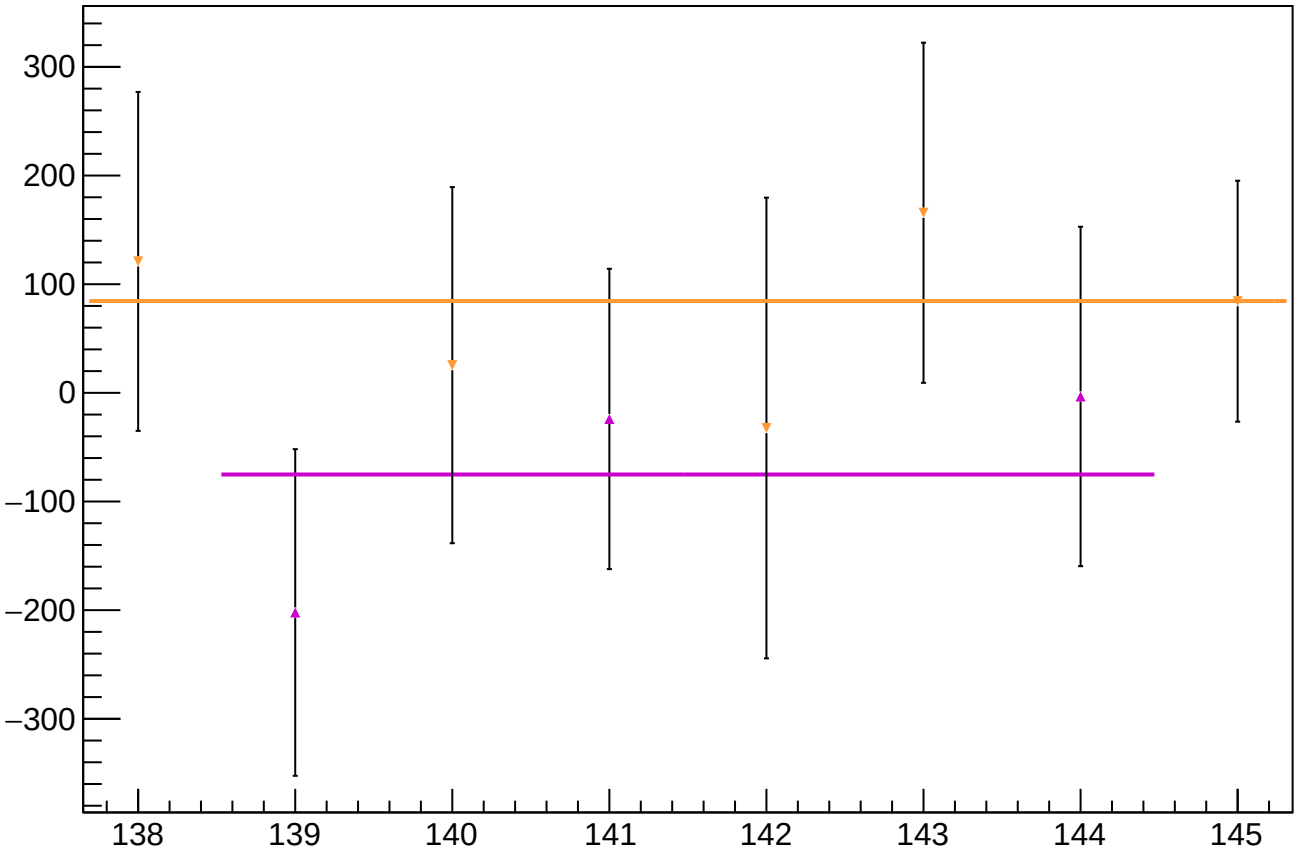
Left In: 323.105+/-0.146 χ^2/NDF:425.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 322.235+/-0.095 χ^2/NDF: 74252.4/7

- 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: 84.525+/-67.005 χ^2/NDF:0.8/4

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

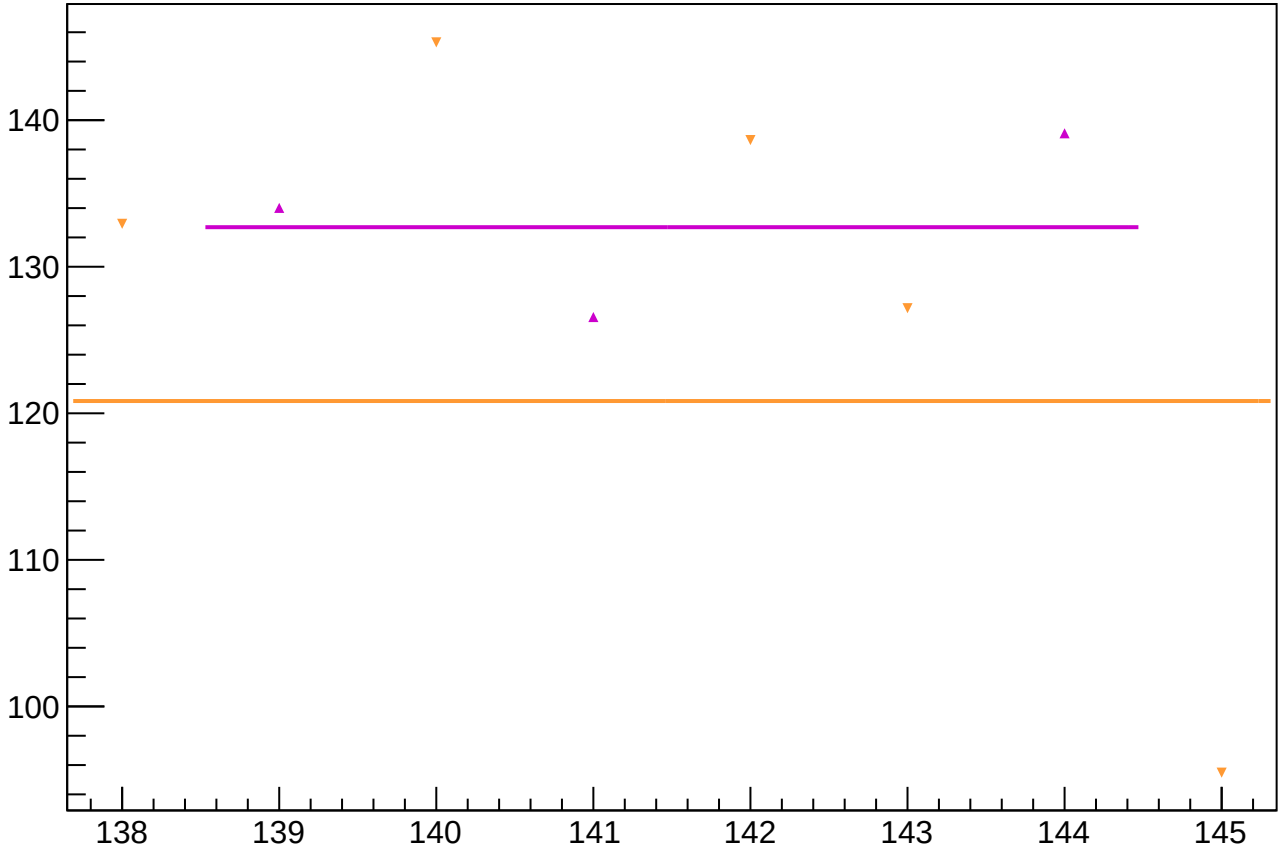
Left In: -75.140+/-85.253 χ^2/NDF:1.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 23.557+/-52.681 χ^2/NDF: 4.0/7

- 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: 120.838+/-0.047 χ^2/NDF:178583.4/4

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

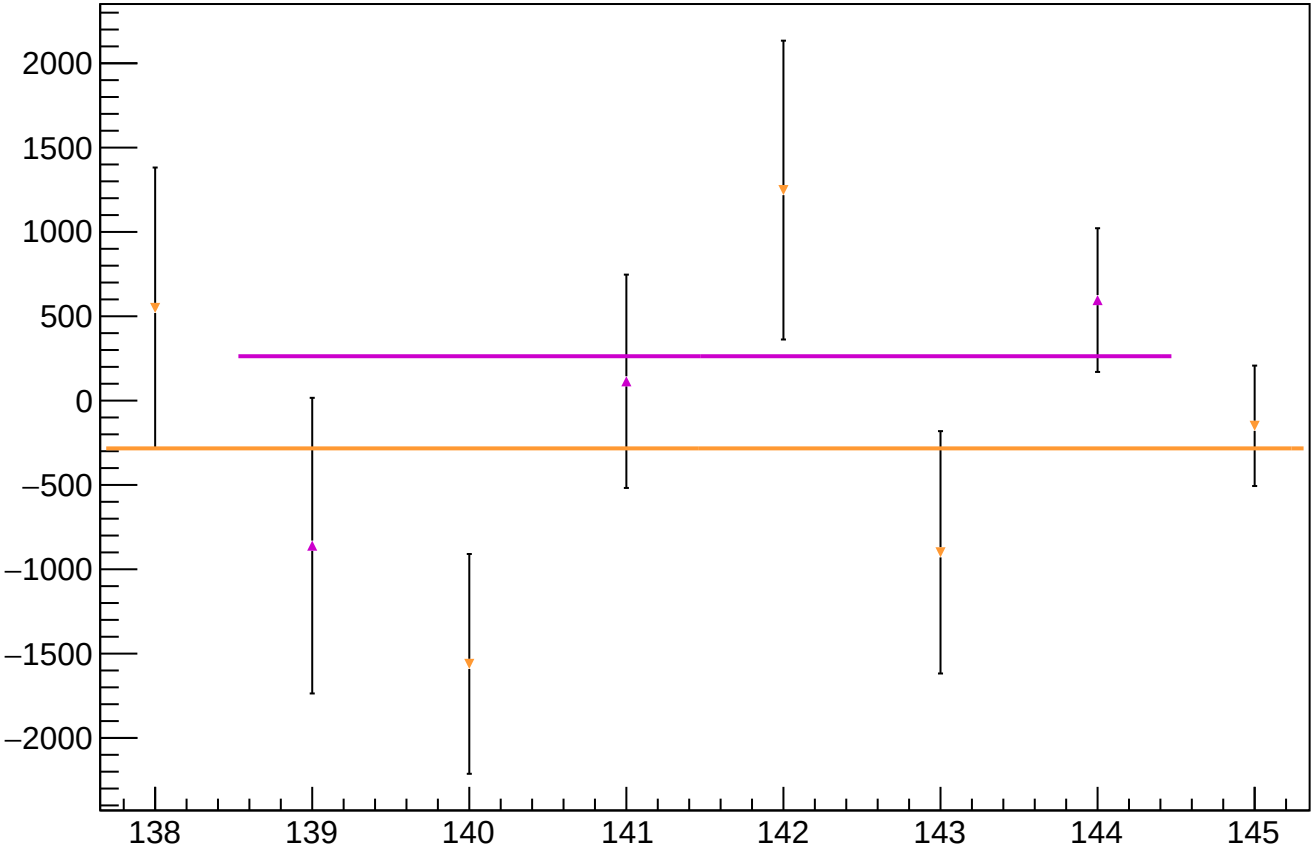
Left In: 132.698+/-0.060 χ^2/NDF:7452.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 125.367+/-0.037 χ^2/NDF: 209964.4/7

- 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: -283.256+/-259.424 χ^2/NDF:8.7/4

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

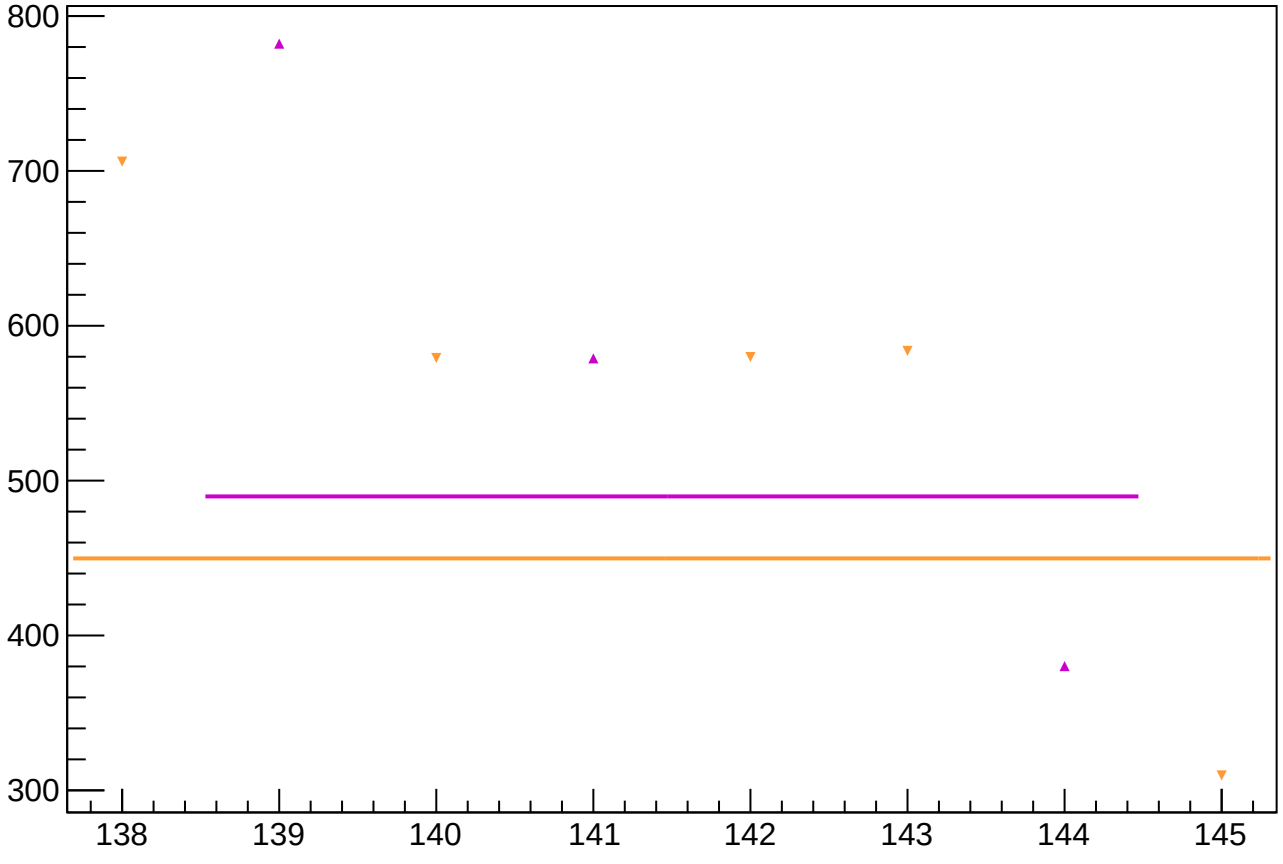
Left In: 263.134+/-327.704 χ^2/NDF:2.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -72.755+/-203.403 χ^2/NDF: 12.7/7

- 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: 449.771+/-0.183 χ^2/NDF:689218.1/4

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

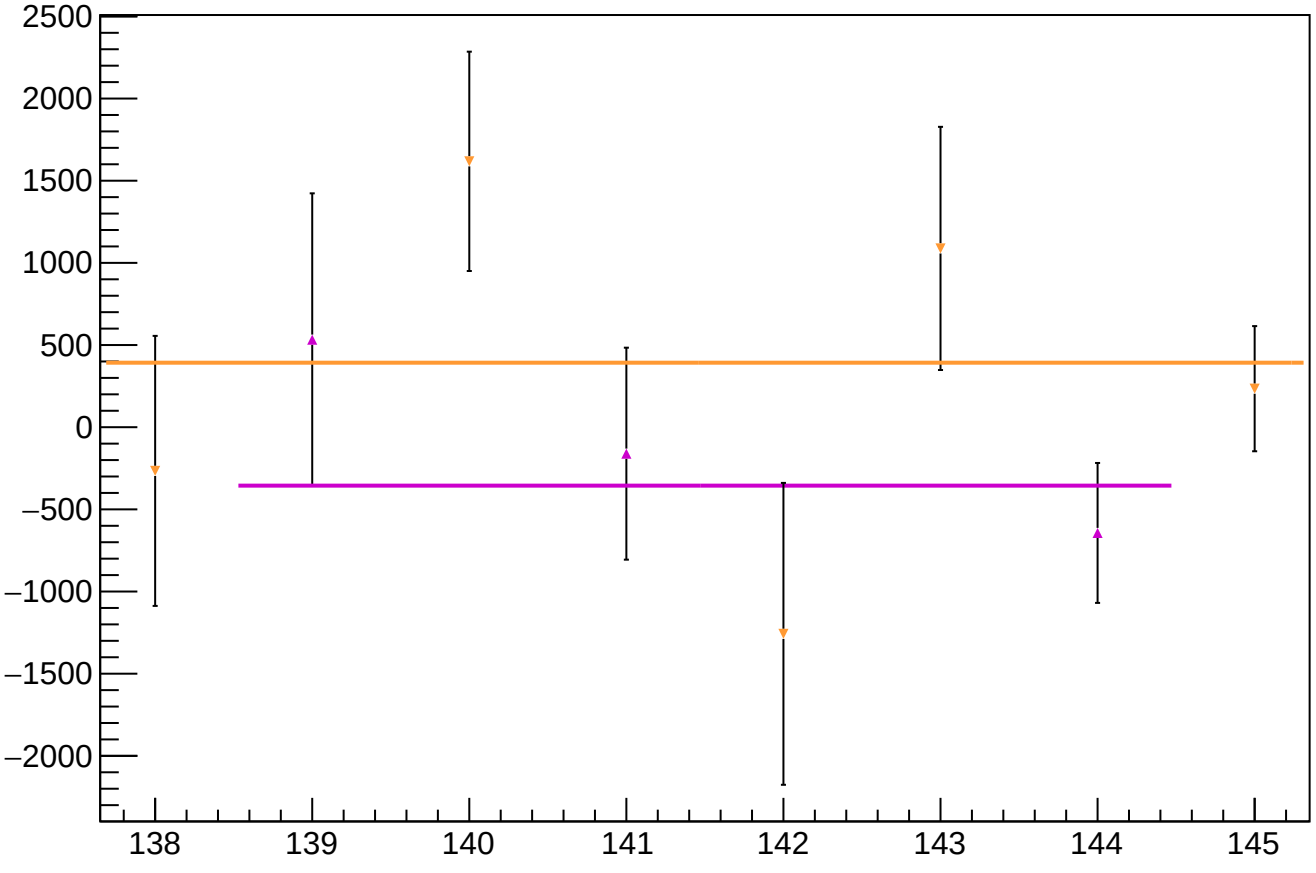
Left In: 489.800+/-0.232 χ^2/NDF:394665.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 465.192+/-0.144 χ^2/NDF: 1102228.5/7

- 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: 392.548+/-270.822 χ^2/NDF:8.3/4

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

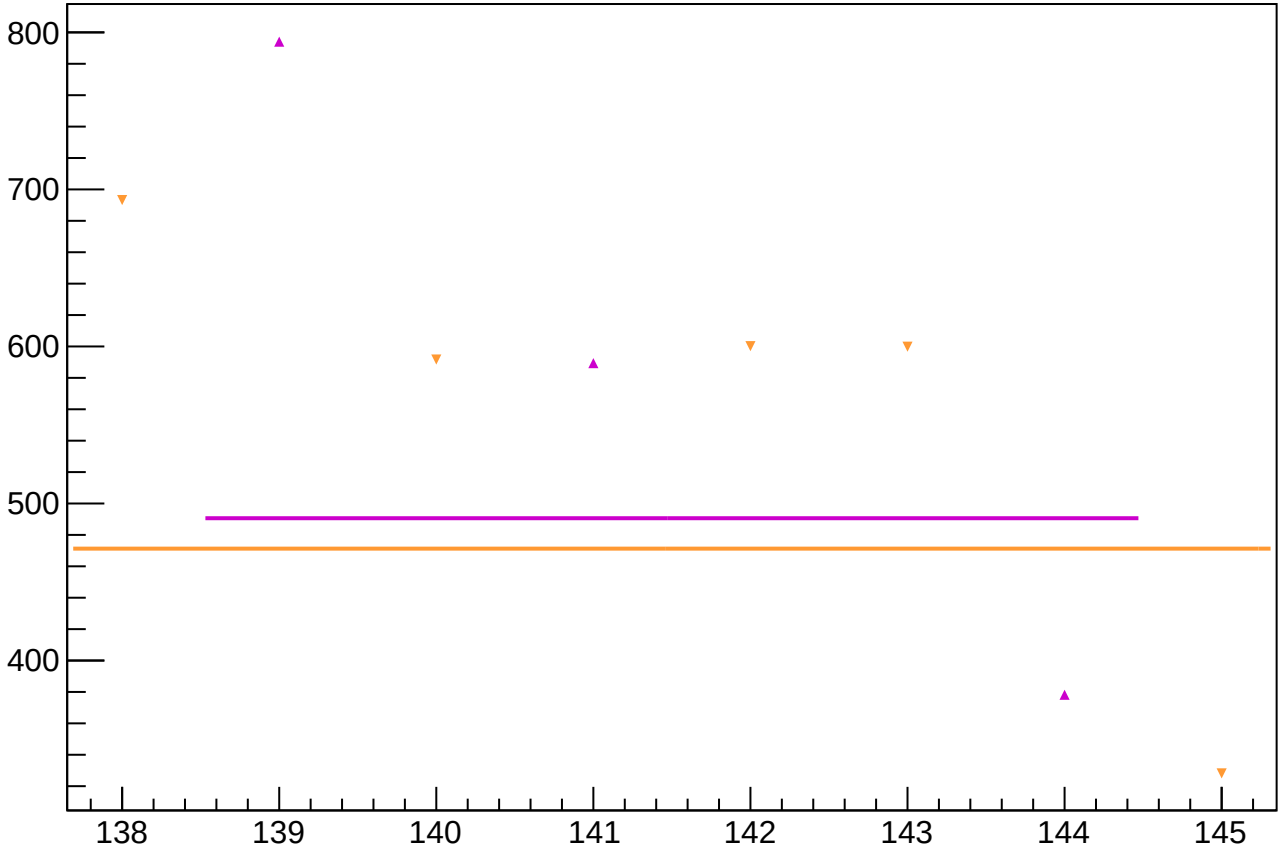
Left In: -355.604+/-330.029 χ^2/NDF:1.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 91.486+/-209.356 χ^2/NDF: 12.9/7

- 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: 471.261+/-0.191 χ^2/NDF:593369.4/4

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

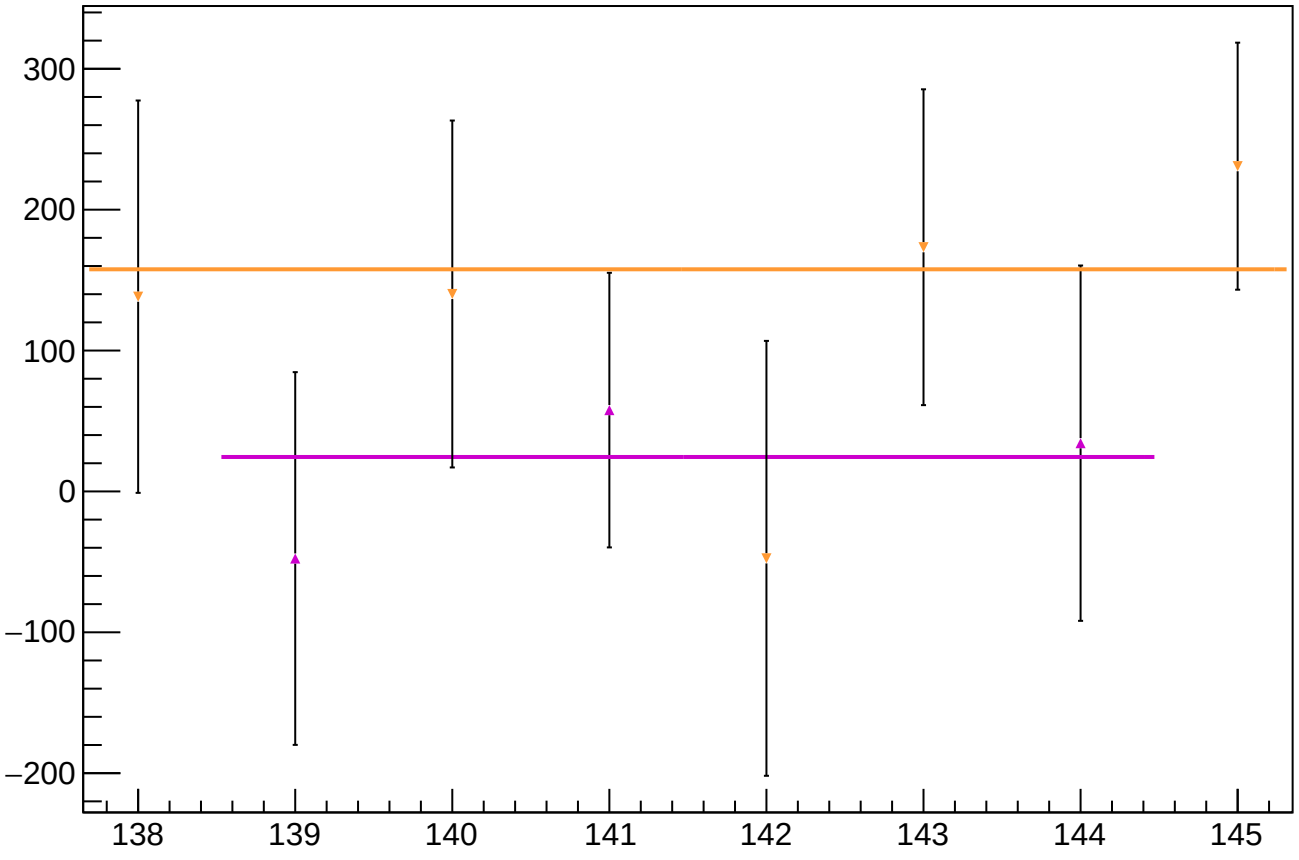
Left In: 490.626+/-0.233 χ^2/NDF:418571.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 479.054+/-0.148 χ^2/NDF: 1016056.0/7

- 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: 157.671+/-52.045 χ^2/NDF:2.5/4

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

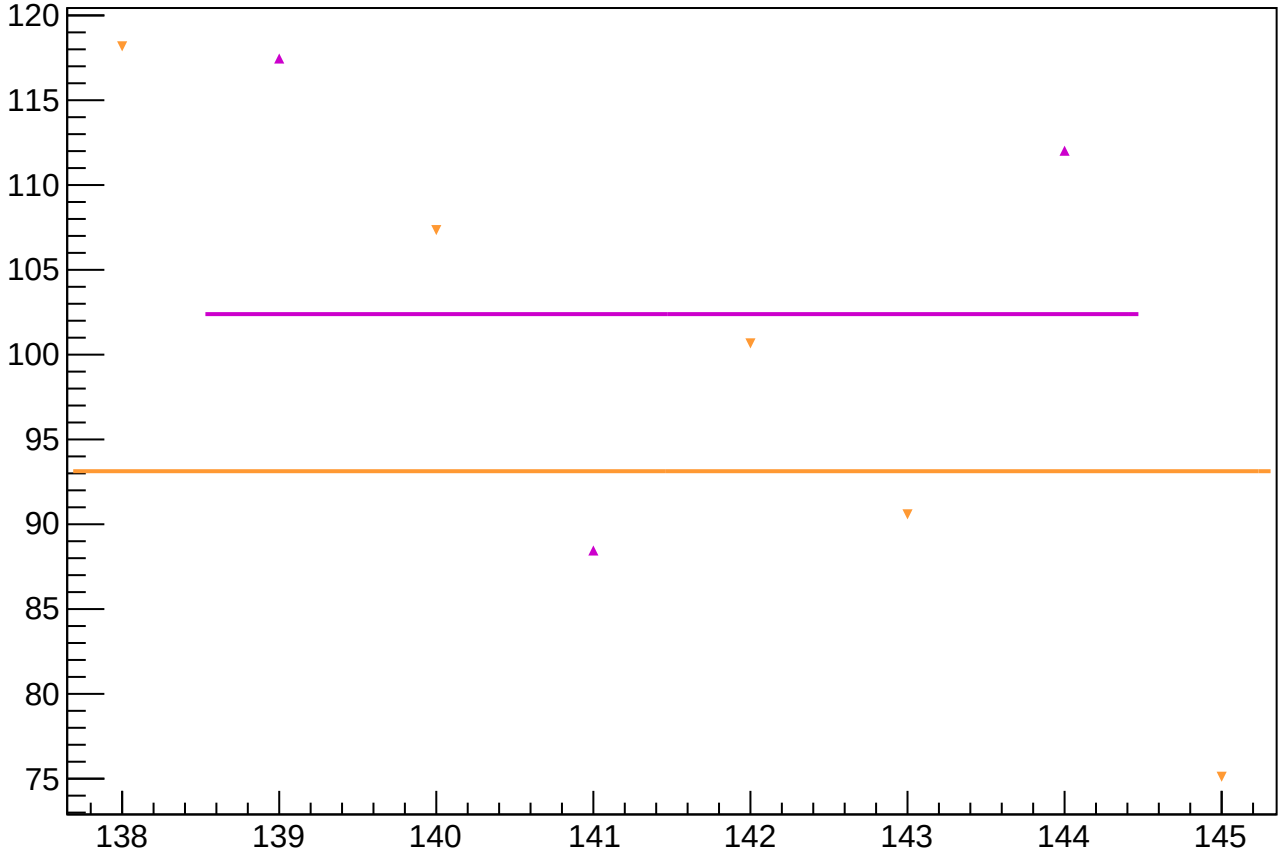
Left In: 24.453+/-66.626 χ^2/NDF:0.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 107.187+/-41.015 χ^2/NDF: 5.4/7

- 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: 93.128+/-0.037 χ^2/NDF:181592.8/4

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

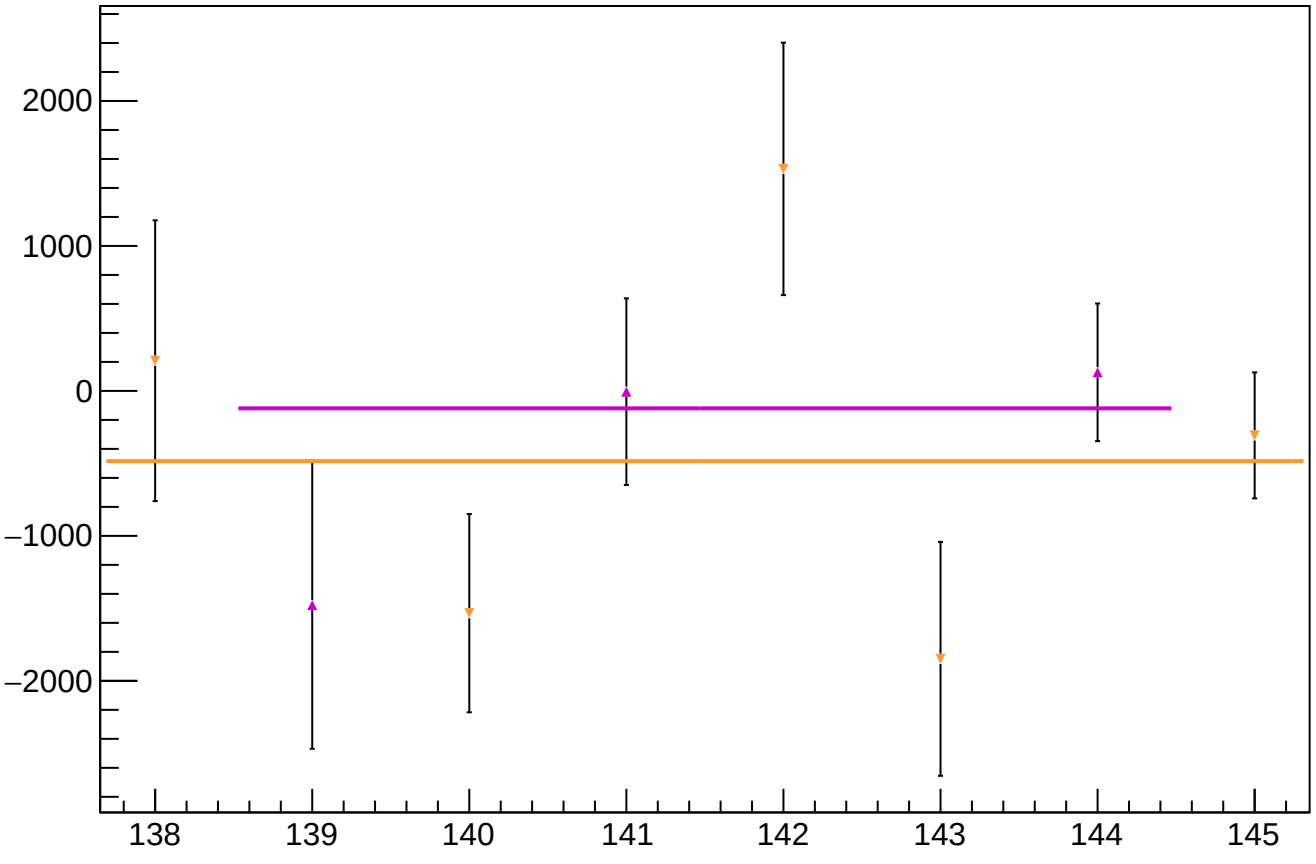
Left In: 102.389+/-0.047 χ^2/NDF:78505.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 96.638+/-0.029 χ^2/NDF: 284098.9/7

- 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: -484.122+/-296.733 χ^2/NDF:11.2/4

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

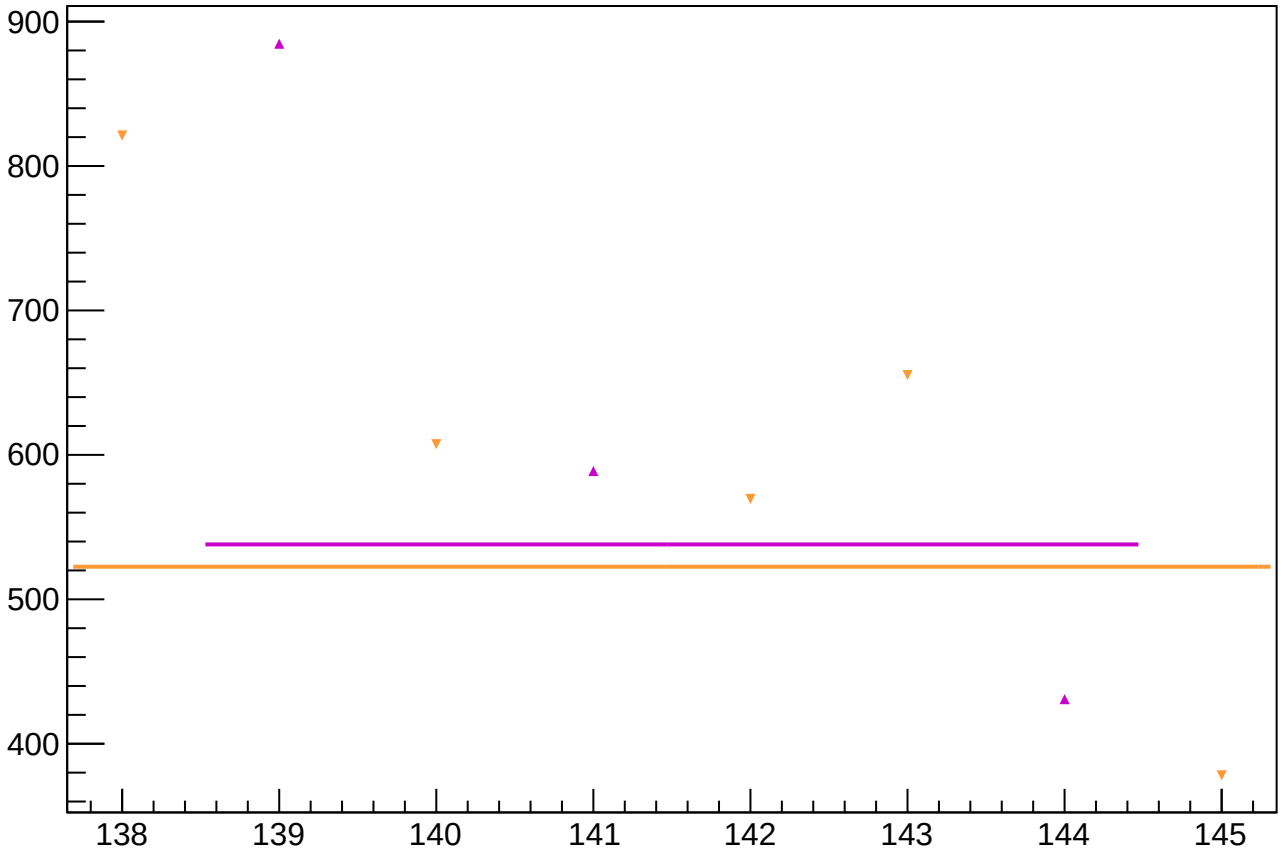
Left In: -120.290+/-356.490 χ^2/NDF:2.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -335.213+/-228.064 χ^2/NDF: 14.0/7

- 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: 522.574+/-0.210 χ^2/NDF:501757.6/4

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

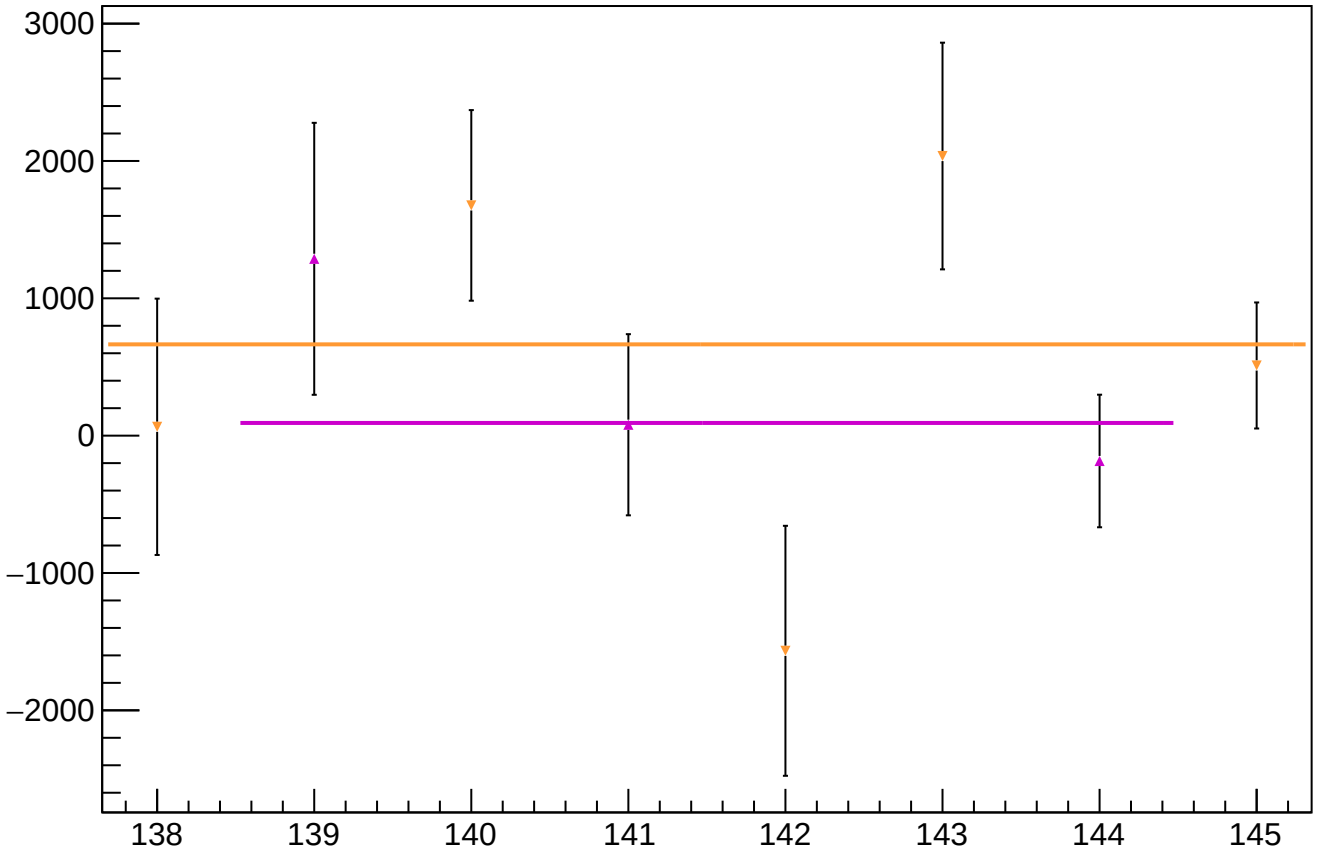
Left In: 538.011+/-0.252 χ^2/NDF:358942.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 528.892+/-0.161 χ^2/NDF: 862915.5/7

- 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: 664.755+/-306.433 χ^2/NDF:11.4/4

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

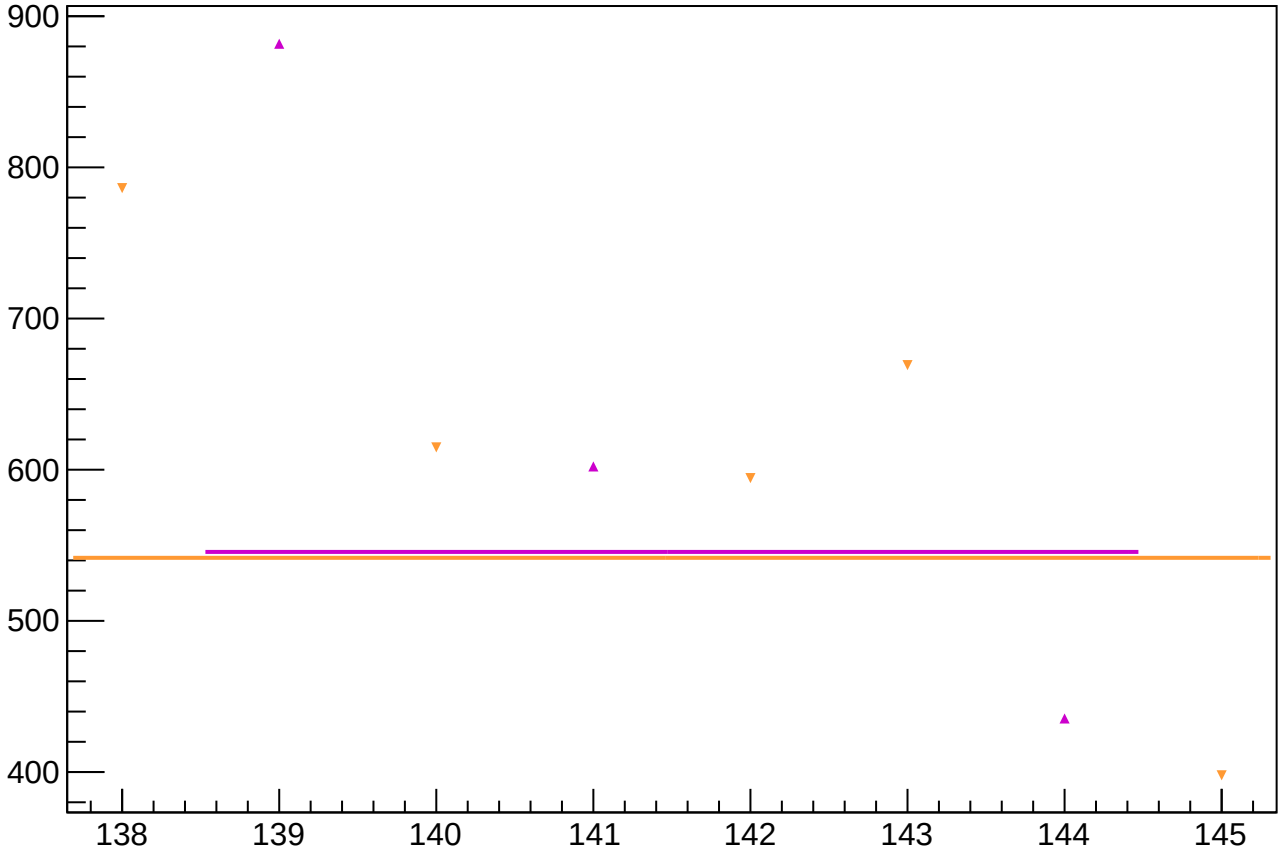
Left In: 92.502+/-362.461 χ^2/NDF:1.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 426.228+/-234.011 χ^2/NDF: 14.7/7

- 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: 541.710+/-0.217 χ^2/NDF:410573.2/4

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

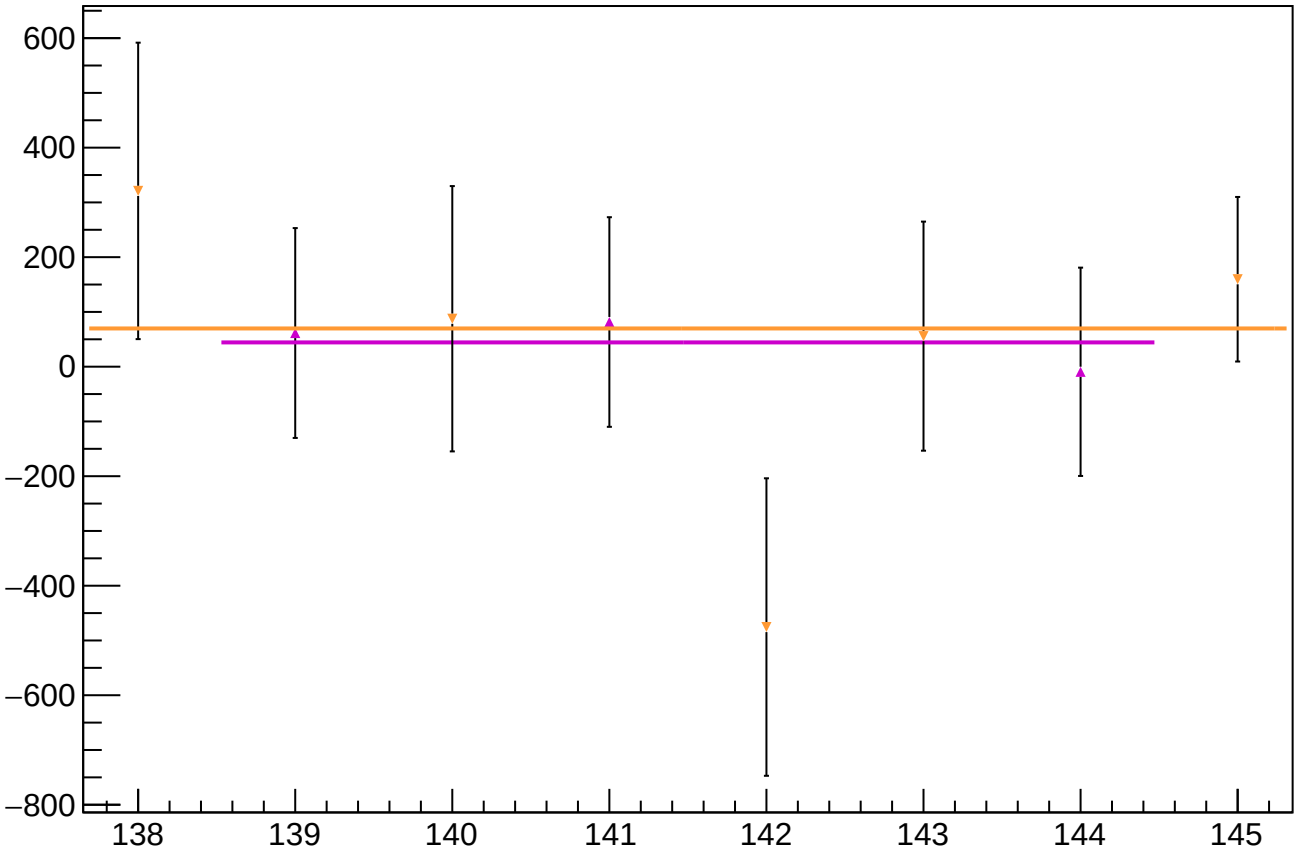
Left In: 545.614+/-0.256 χ^2/NDF:349481.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 543.337+/-0.165 χ^2/NDF: 760190.4/7

- 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: 69.803+/-94.757 χ^2/NDF:5.3/4

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

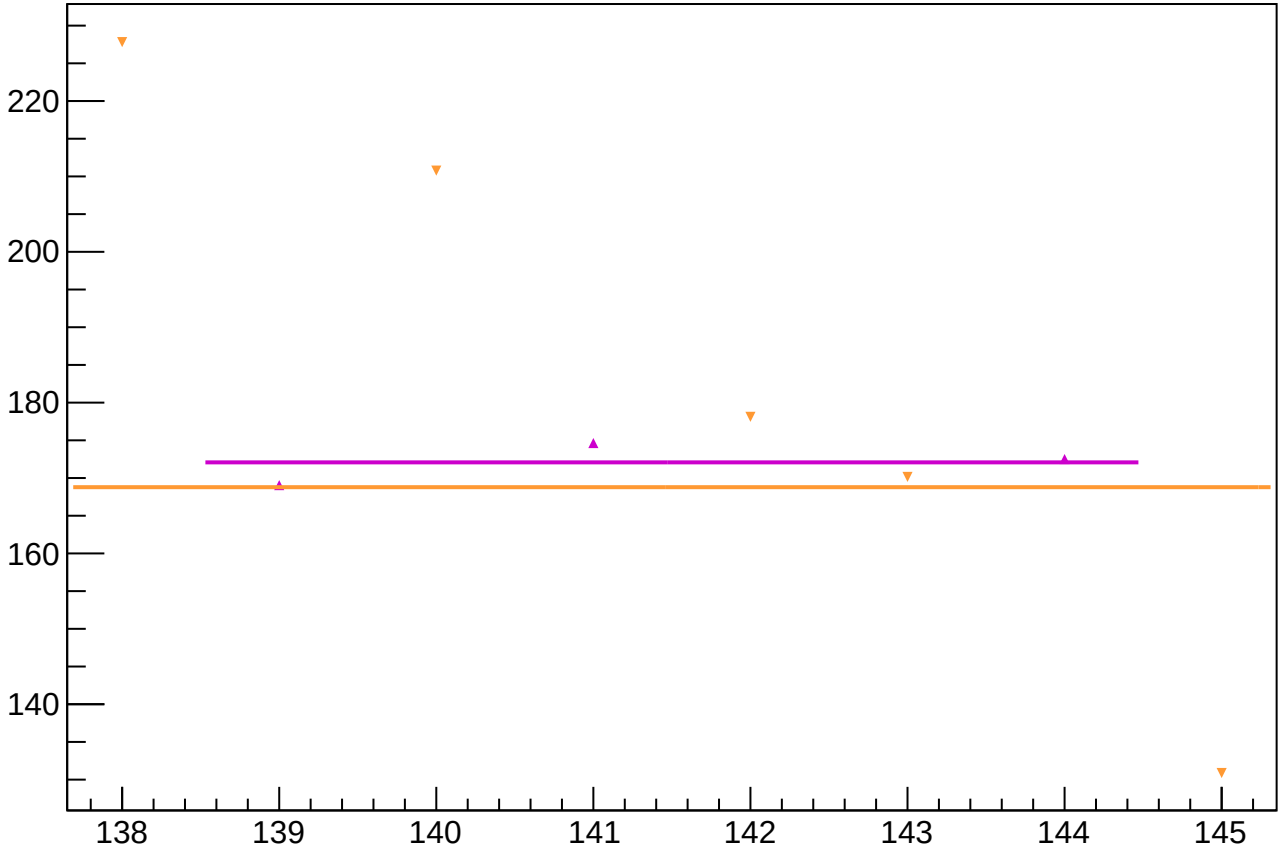
Left In: 44.330+/-110.321 χ^2/NDF:0.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 58.989+/-71.882 χ^2/NDF: 5.4/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 168.785+/-0.067 χ^2/NDF:284863.9/4

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

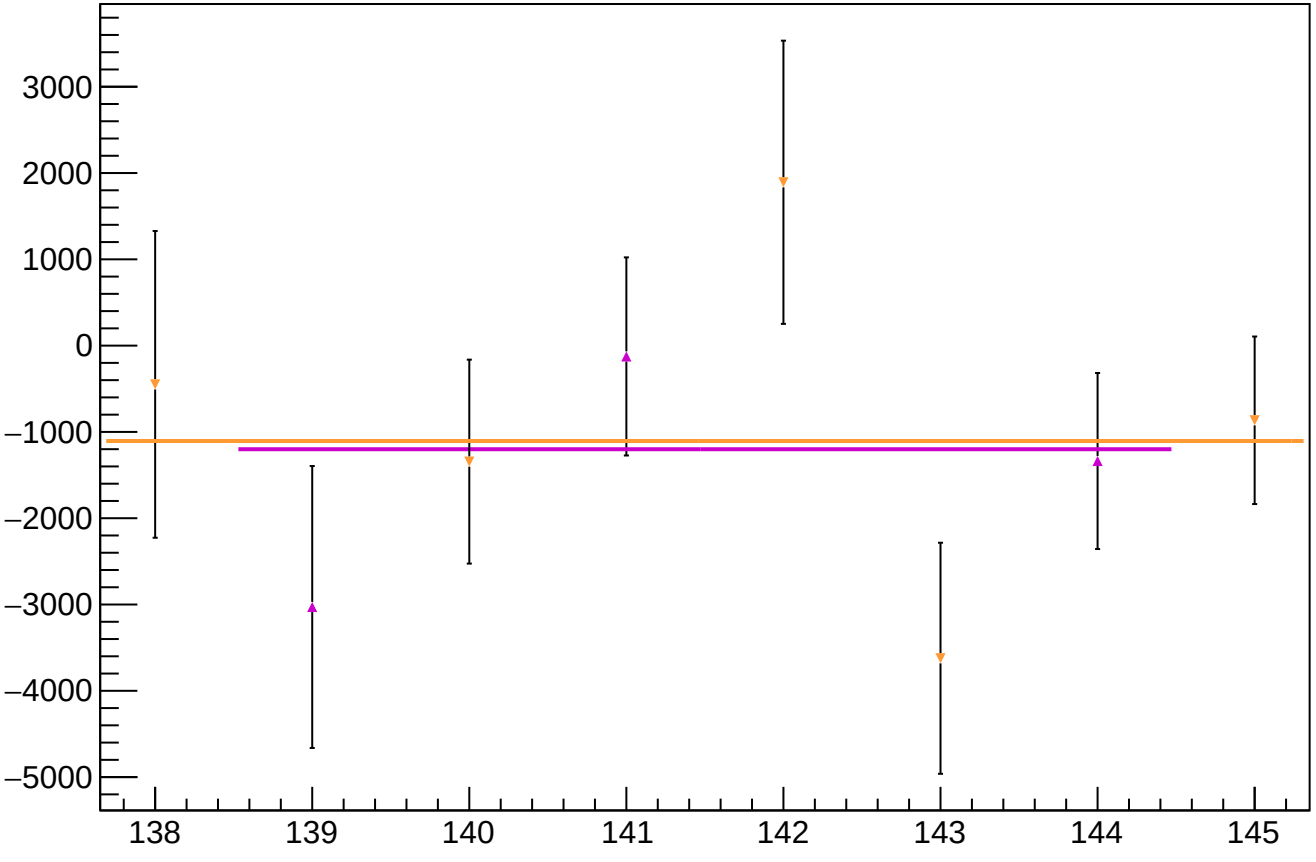
Left In: 172.077+/-0.078 χ^2/NDF:865.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 170.183+/-0.051 χ^2/NDF: 286753.4/7

- 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: -1105.171+/-575.094 χ^2/NDF:7.1/4

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

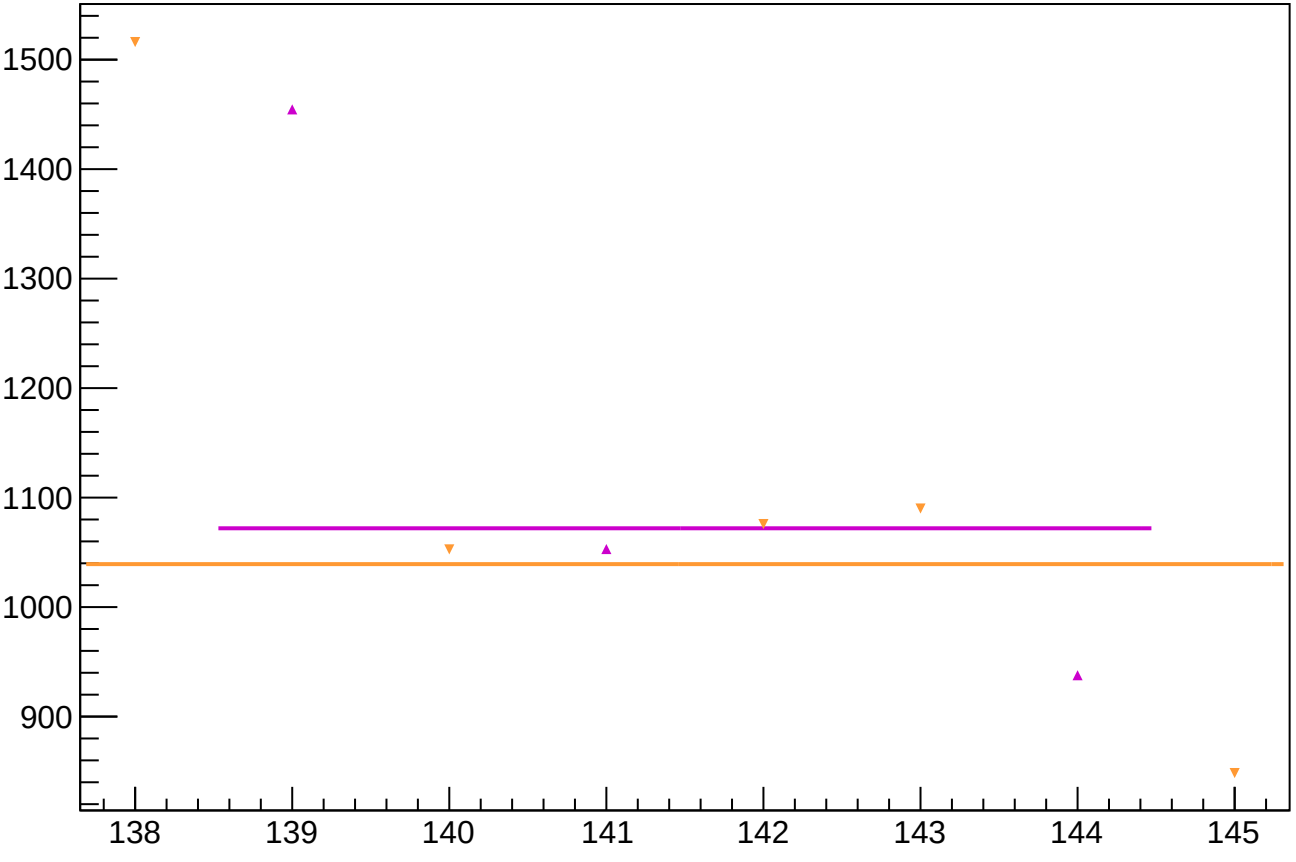
Left In: -1200.634+/-690.863 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1144.245+/-441.996 χ^2/NDF: 9.3/7

- 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: 1039.246+/-0.407 χ^2/NDF:225419.7/4

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

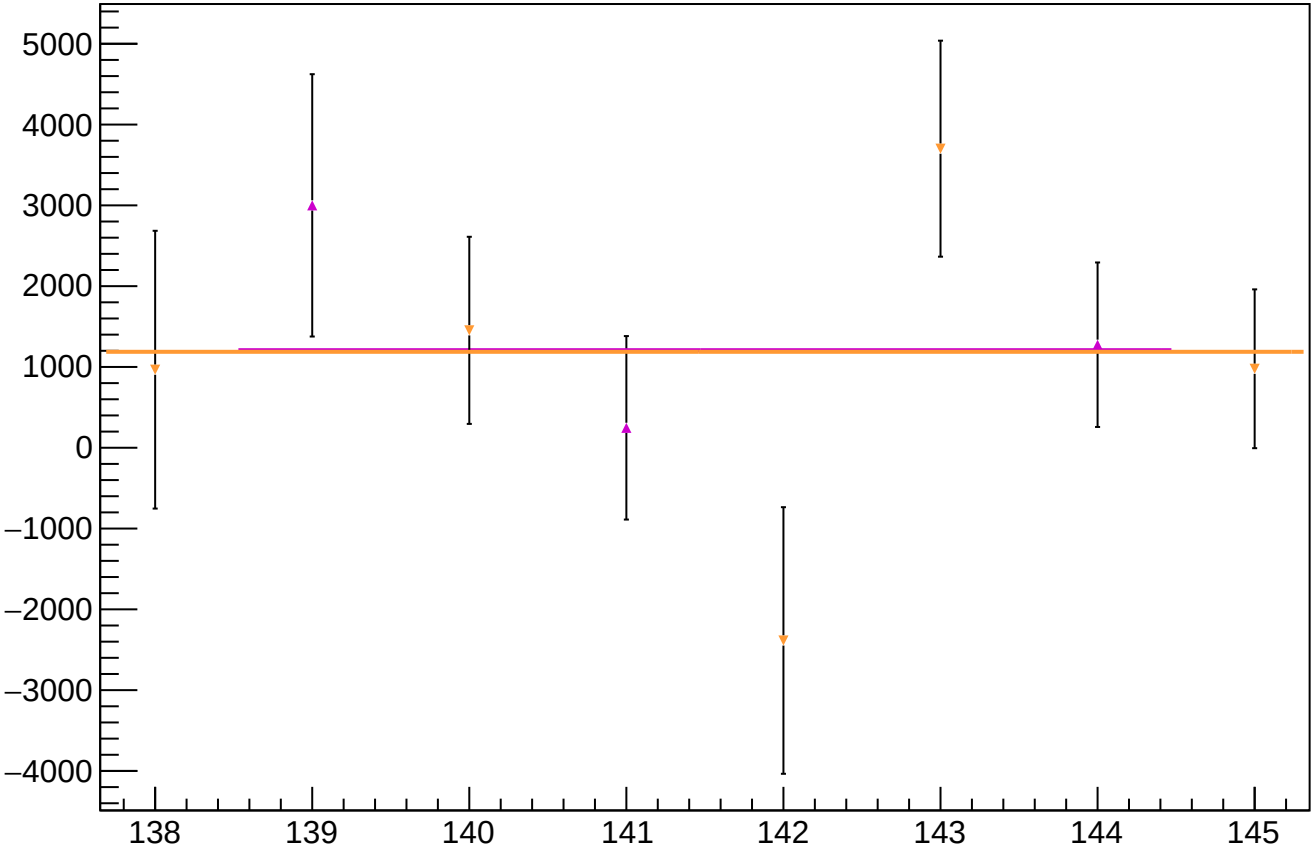
Left In: 1071.972+/-0.489 χ^2/NDF:144909.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1052.641+/-0.313 χ^2/NDF: 372980.4/7

- 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: 1187.578+/-572.927 χ^2/NDF:8.3/4

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

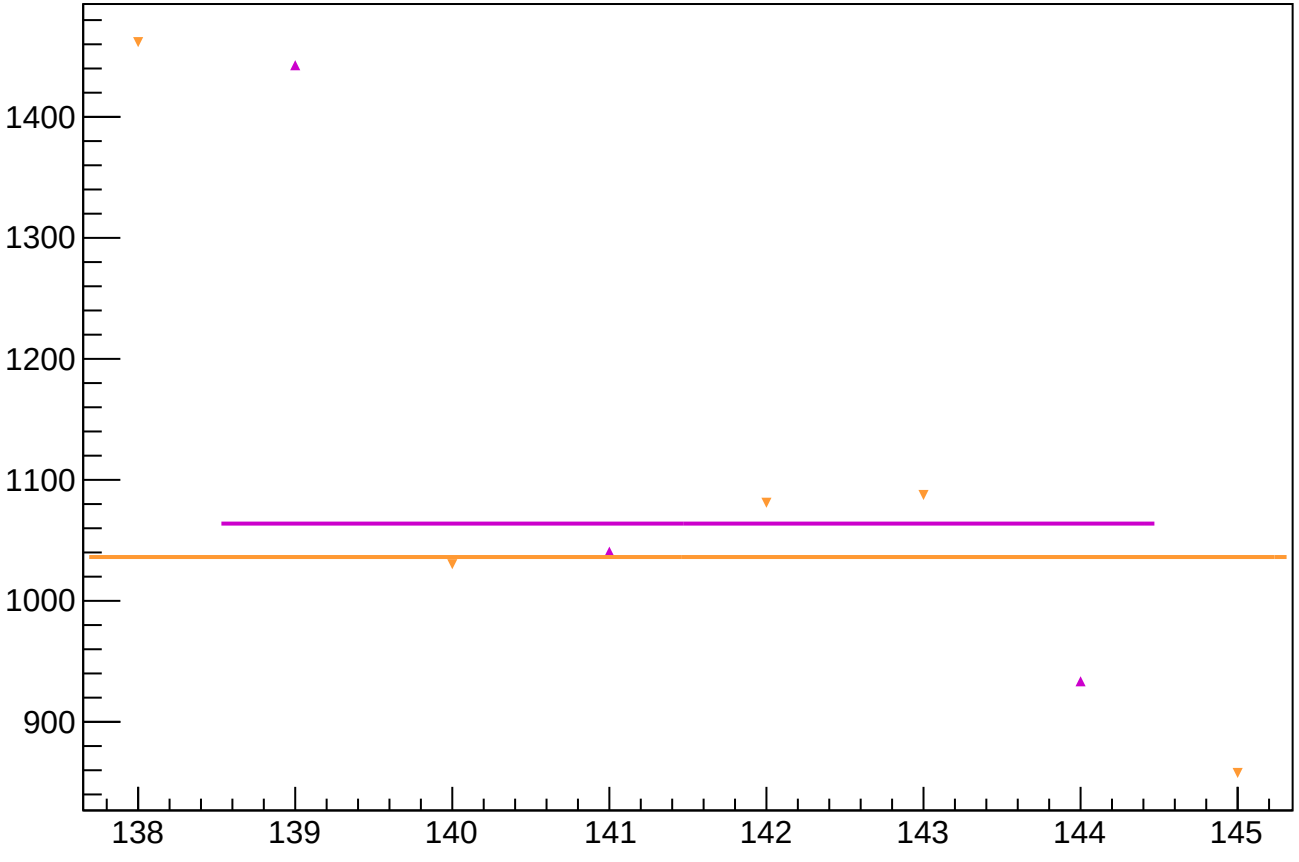
Left In: 1207.609+/-686.782 χ^2/NDF:1.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1195.798+/-439.943 χ^2/NDF: 10.3/7

- 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: 1036.227+/-0.405 χ^2/NDF:192999.0/4

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

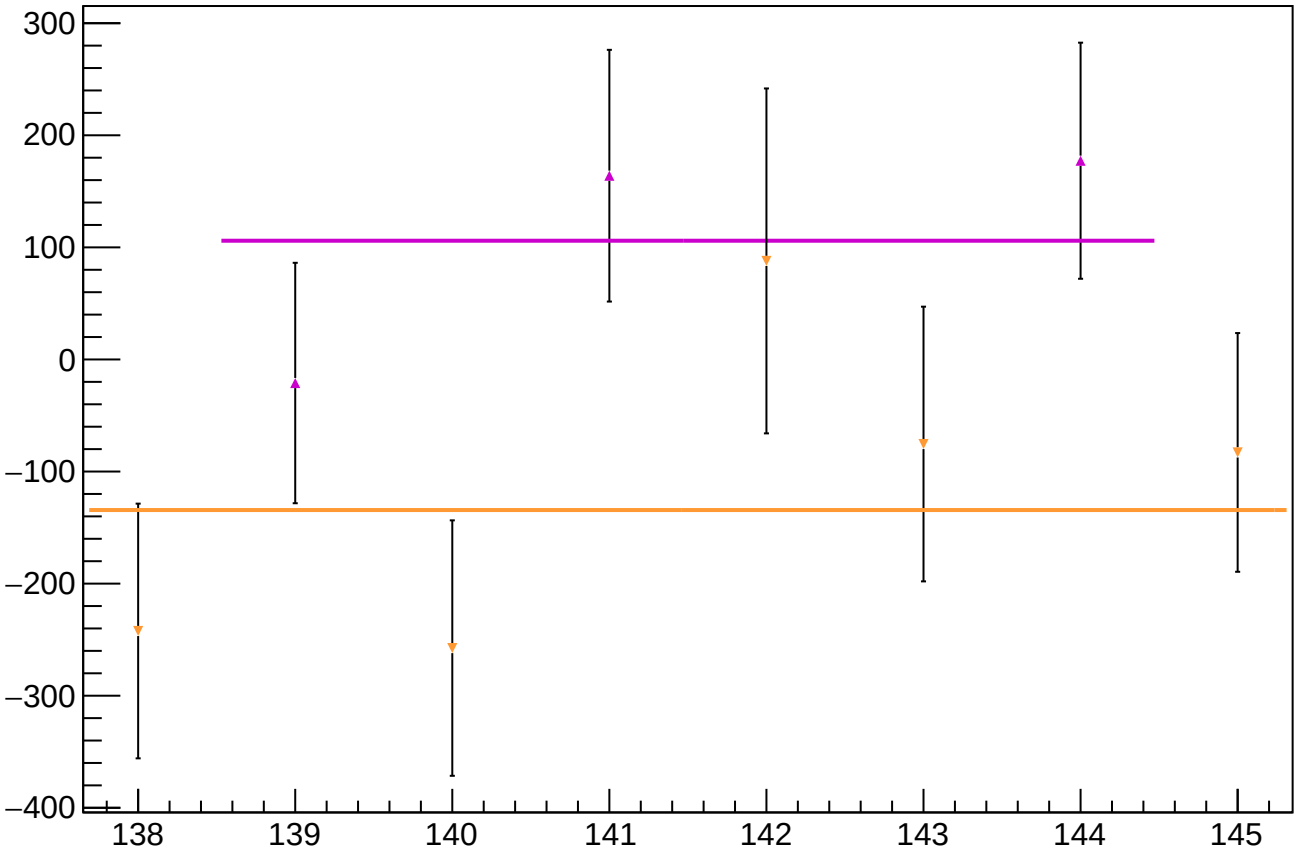
Left In: 1063.858+/-0.486 χ^2/NDF:142527.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1047.565+/-0.311 χ^2/NDF: 337435.8/7

- 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: -134.352+/-53.340 χ^2/NDF:4.6/4

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

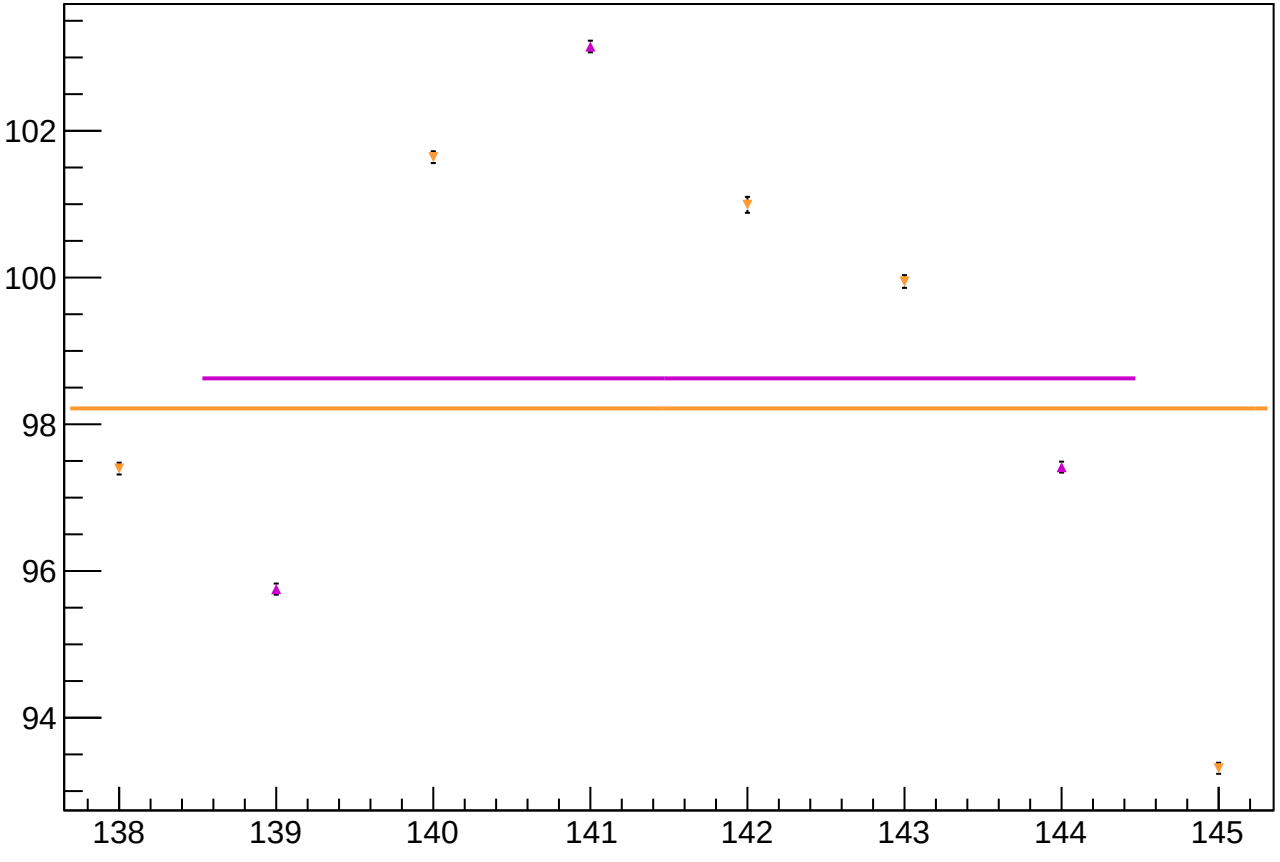
Left In: 105.926+/-62.452 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -33.006+/-40.560 χ^2/NDF: 15.3/7

- 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: 98.216+/-0.038 χ^2/NDF:7203.5/4

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

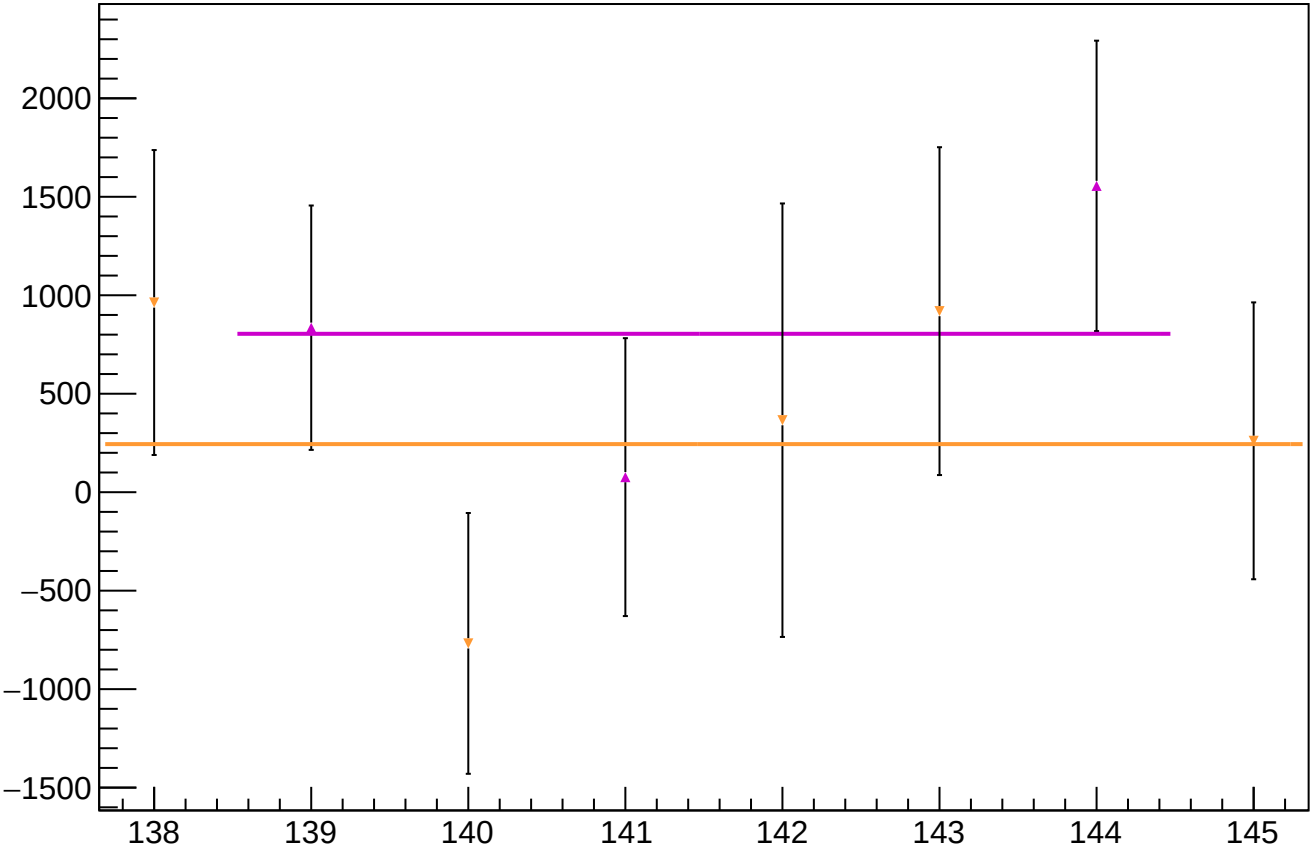
Left In: 98.626+/-0.044 χ^2/NDF:4944.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 98.389+/-0.029 χ^2/NDF: 12197.6/7

- 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: 244.188+/-348.313 χ^2/NDF:3.9/4

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

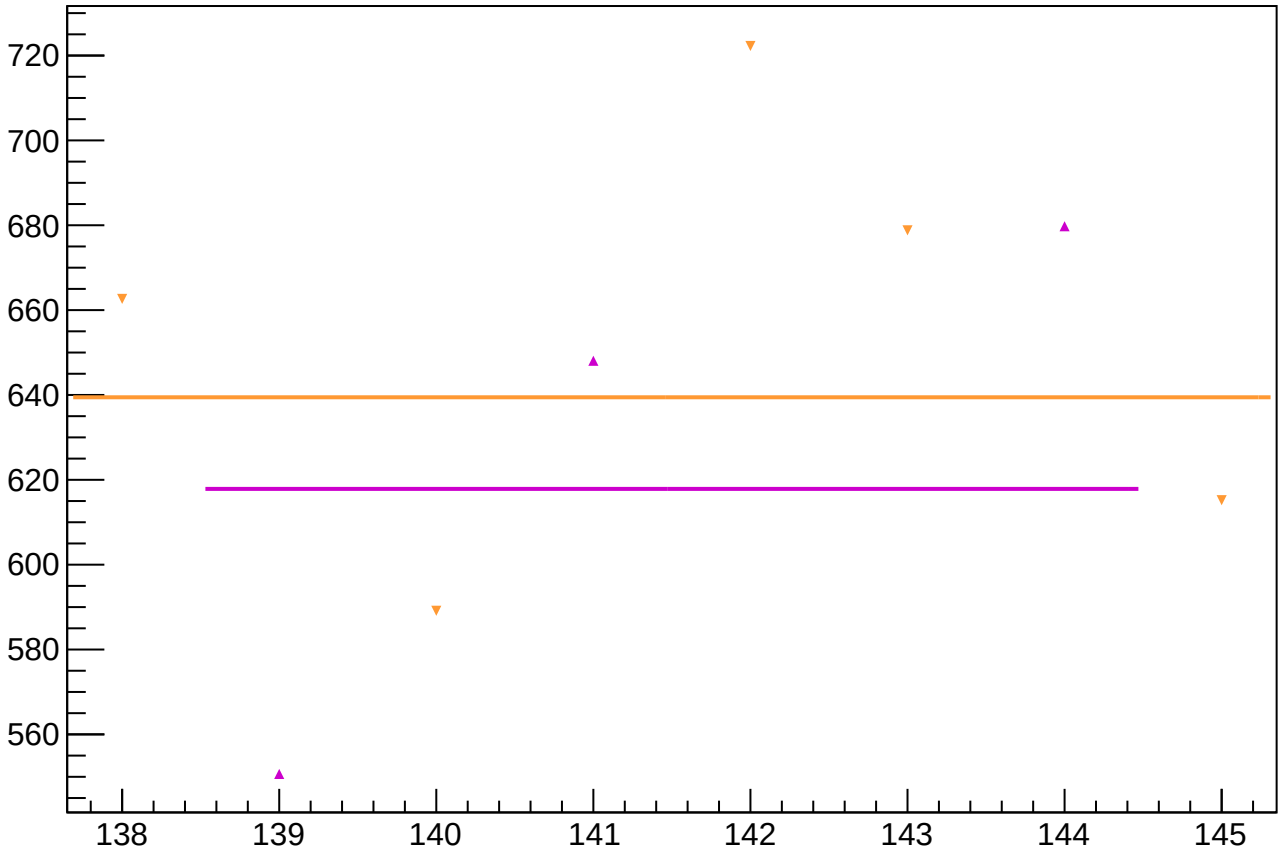
Left In: 804.280+/-393.869 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 489.984+/-260.921 χ^2/NDF: 7.1/7

- 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: 639.452+/-0.246 χ^2/NDF:31517.9/4

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

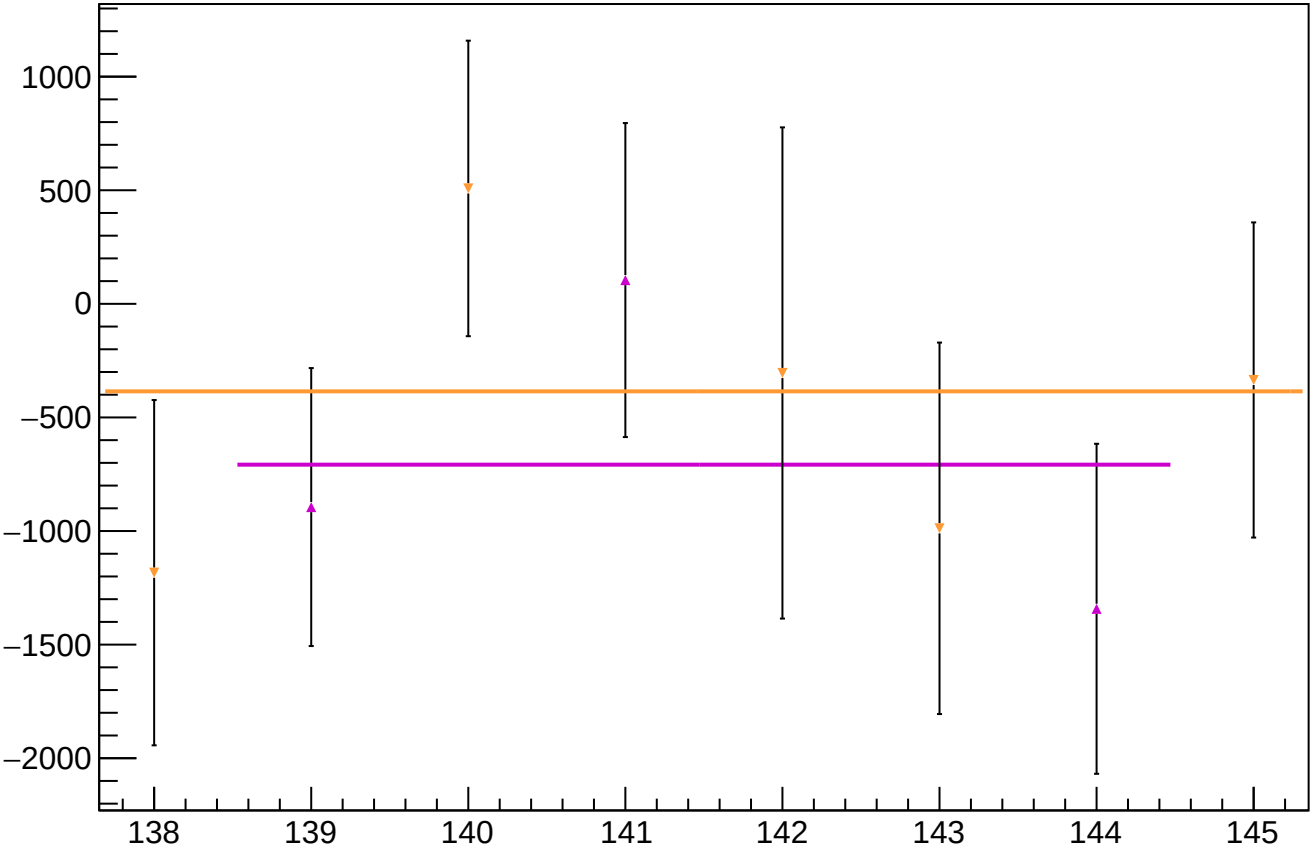
Left In: 617.861+/-0.279 χ^2/NDF:41213.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 629.977+/-0.184 χ^2/NDF: 76104.0/7

- 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: -385.151+/-342.477 χ^2/NDF:3.5/4

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

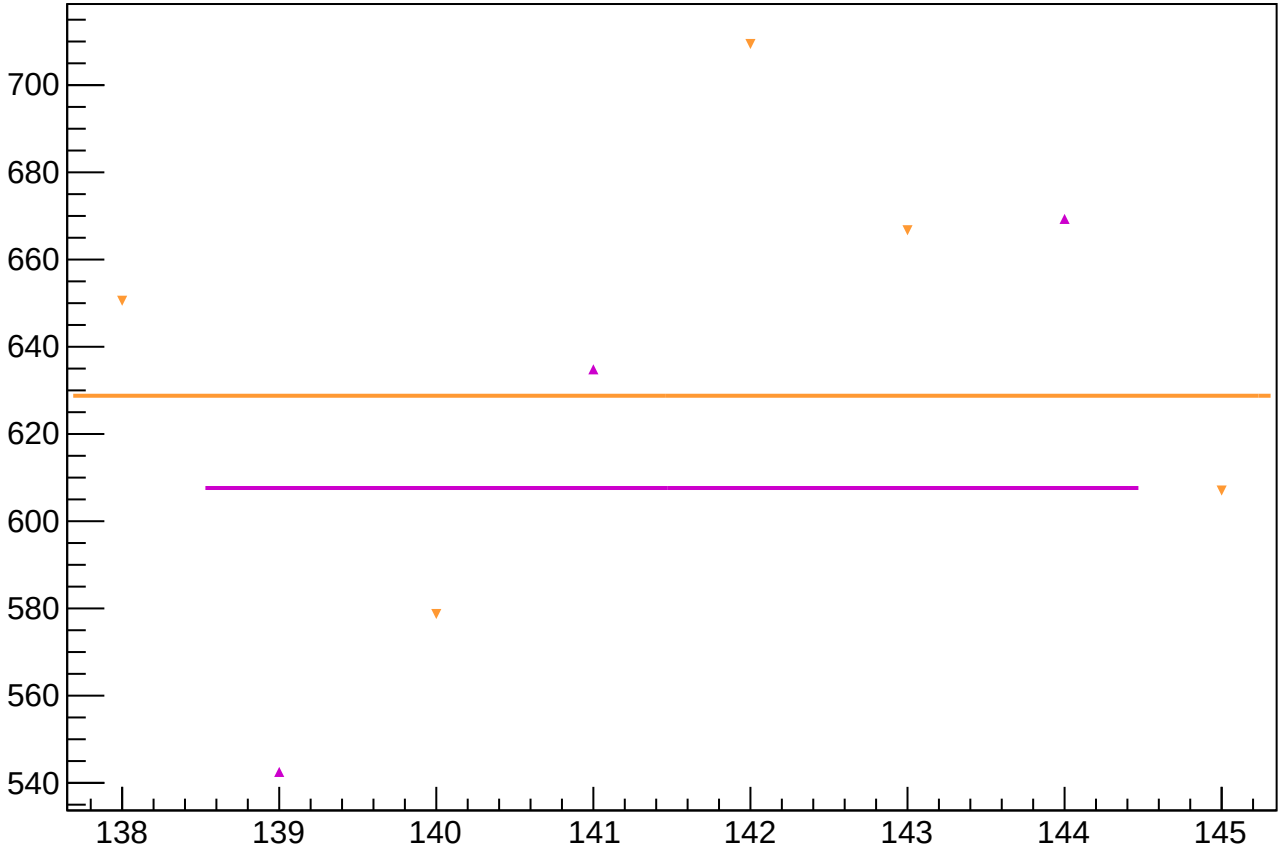
Left In: -707.908+/-387.452 χ^2/NDF:2.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -526.718+/-256.603 χ^2/NDF: 6.2/7

- 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: 628.771+/-0.242 χ^2/NDF:30892.4/4

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

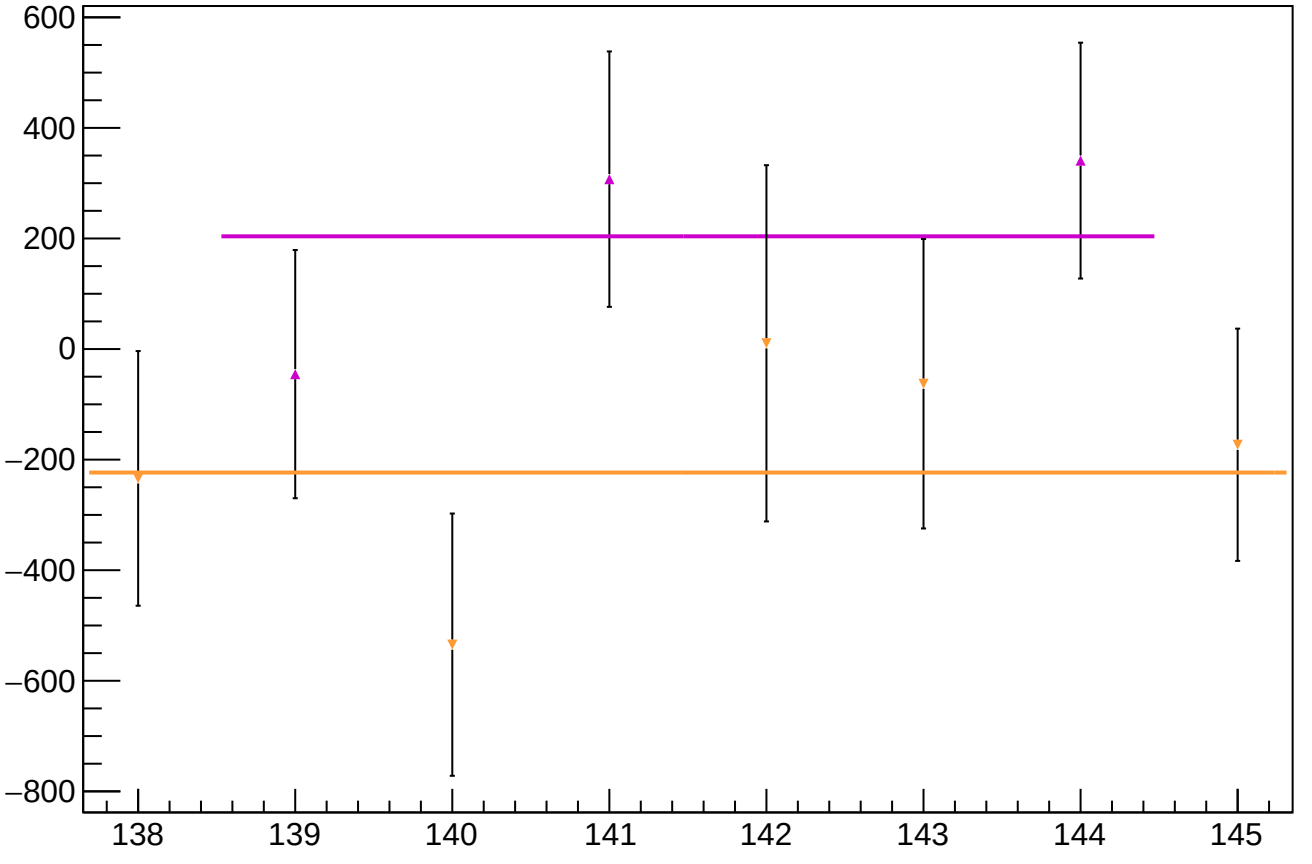
Left In: 607.616+/-0.274 χ^2/NDF:40187.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 619.492+/-0.181 χ^2/NDF: 74426.8/7

- 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: -223.354+/-109.424 χ^2/NDF:2.7/4

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

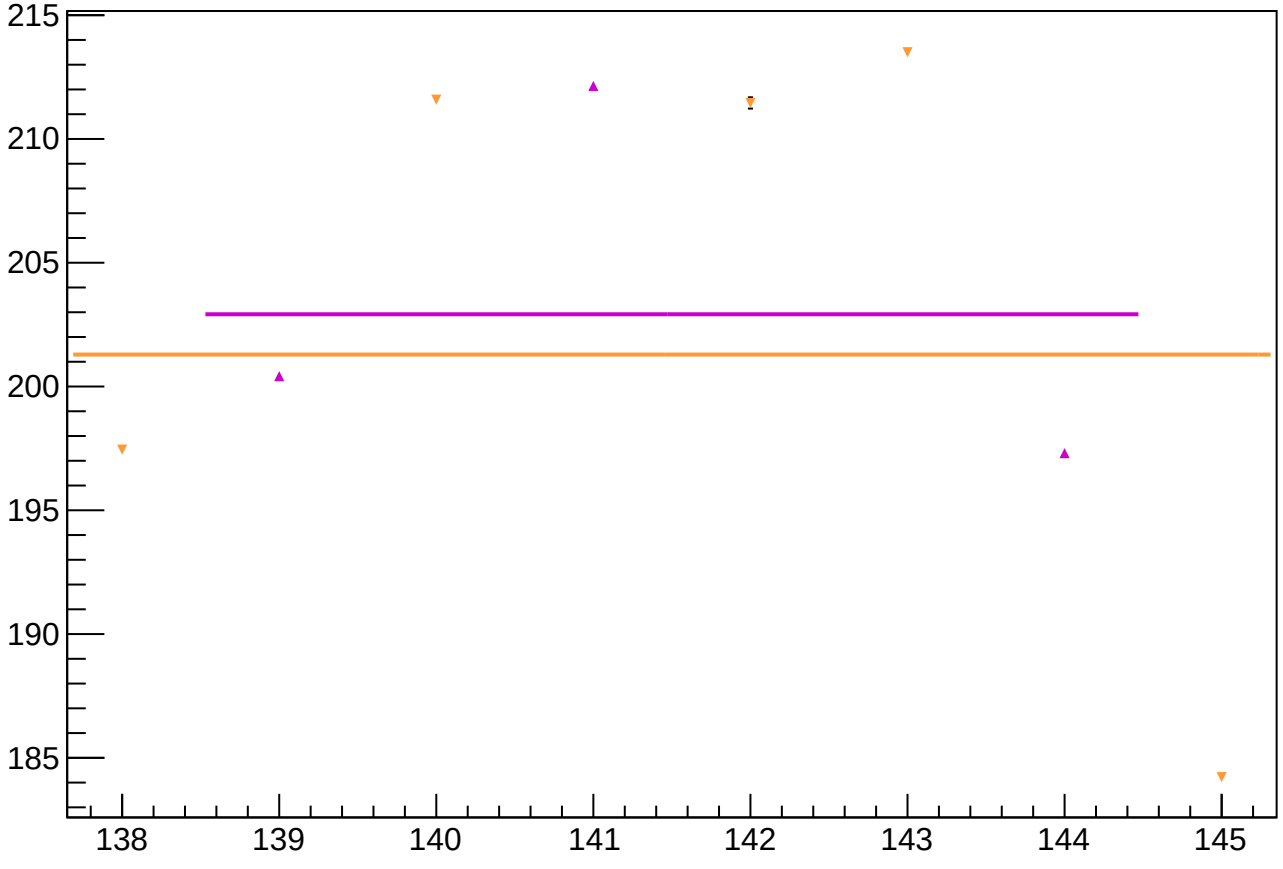
Left In: 203.908+/-128.496 χ^2/NDF:1.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -43.754+/-83.309 χ^2/NDF: 10.9/7

- 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: 201.290+/-0.077 χ^2/NDF:23877.4/4

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

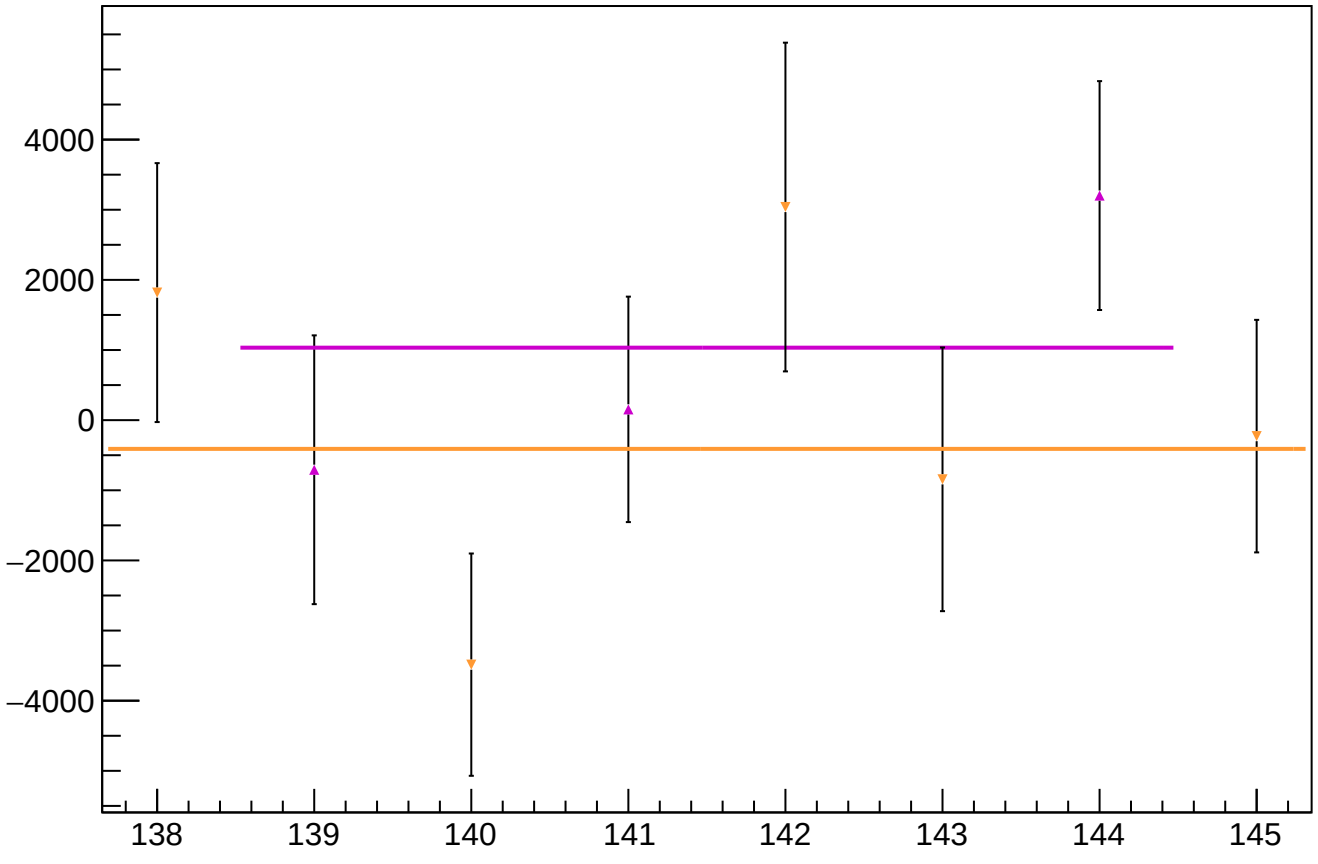
Left In: 202.918+/-0.091 χ^2/NDF:4820.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 201.975+/-0.059 χ^2/NDF: 28884.4/7

- 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: -409.520+/-810.933 χ^2/NDF:7.5/4

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

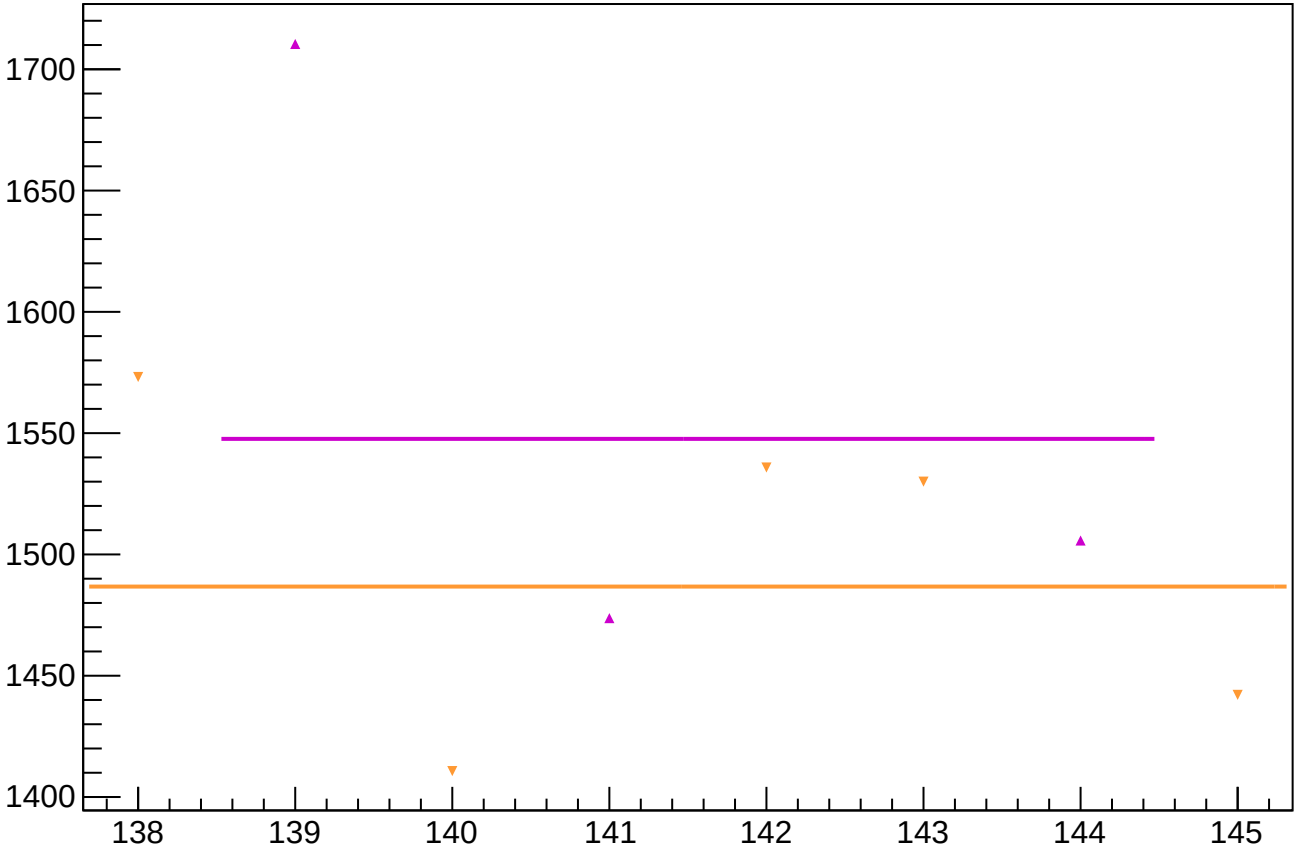
Left In: 1033.440+/-982.895 χ^2/NDF:2.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 174.893+/-625.518 χ^2/NDF: 11.6/7

- 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: 1486.752+/-0.573 χ^2/NDF:12376.3/4

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

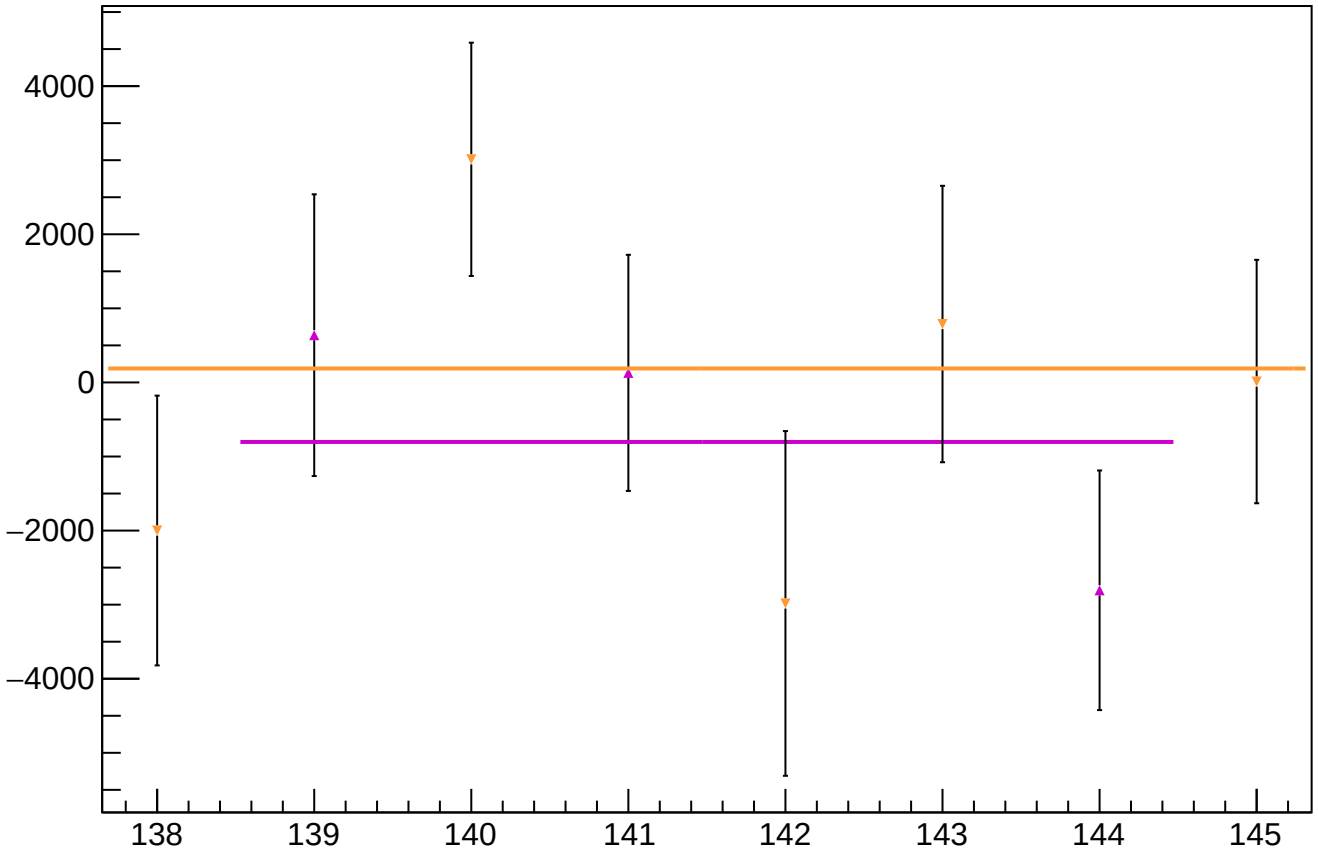
Left In: 1547.638+/-0.695 χ^2/NDF:19984.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1511.412+/-0.442 χ^2/NDF: 36926.5/7

- 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: 188.248+/-803.960 χ^2/NDF:6.6/4

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

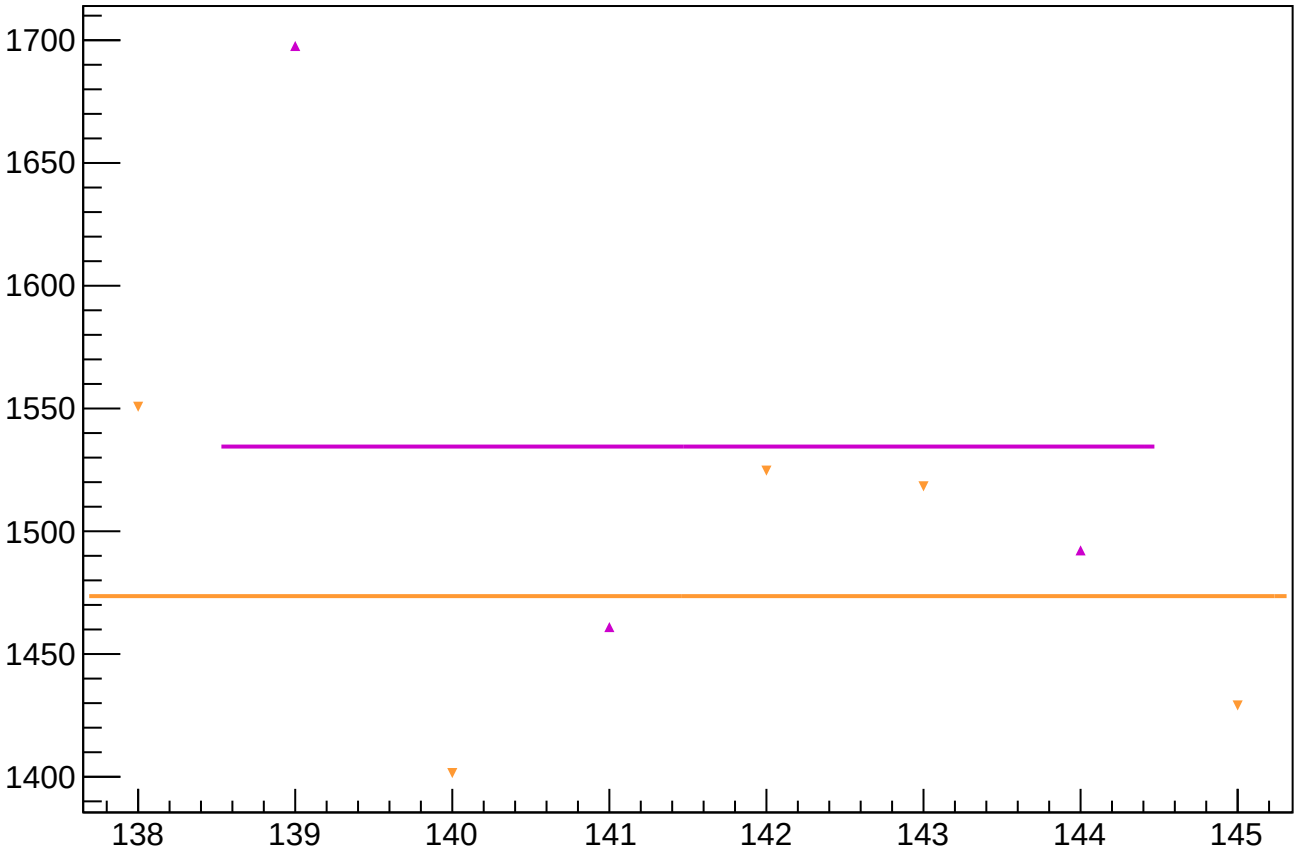
Left In: -803.556+/-974.680 χ^2/NDF:2.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -213.326+/-620.201 χ^2/NDF: 9.7/7

- 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: 1473.581+/-0.568 χ^2/NDF:11359.5/4

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

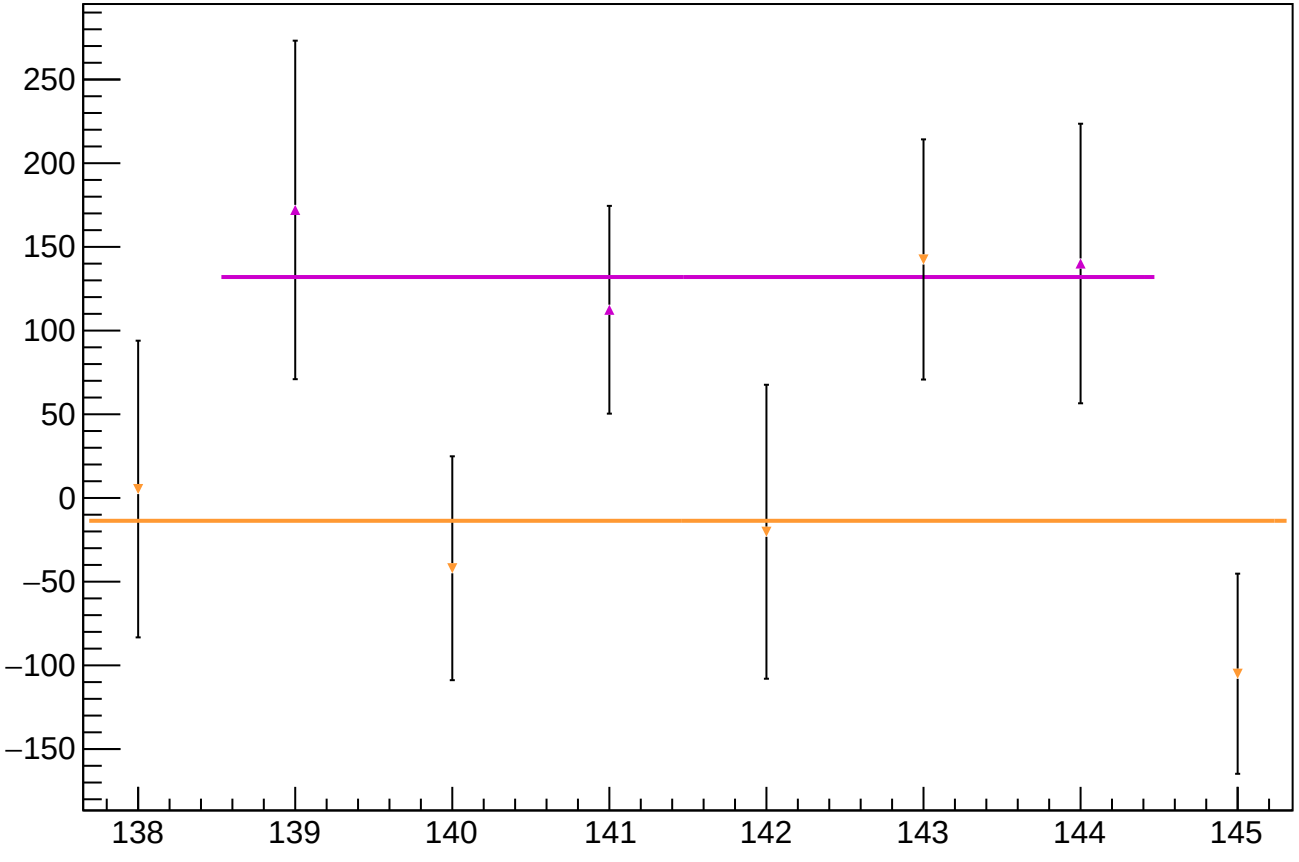
Left In: 1534.499+/-0.689 χ^2/NDF:20343.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1498.247+/-0.439 χ^2/NDF: 36352.1/7

- 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: -13.634+/-32.364 χ^2/NDF:7.3/4

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

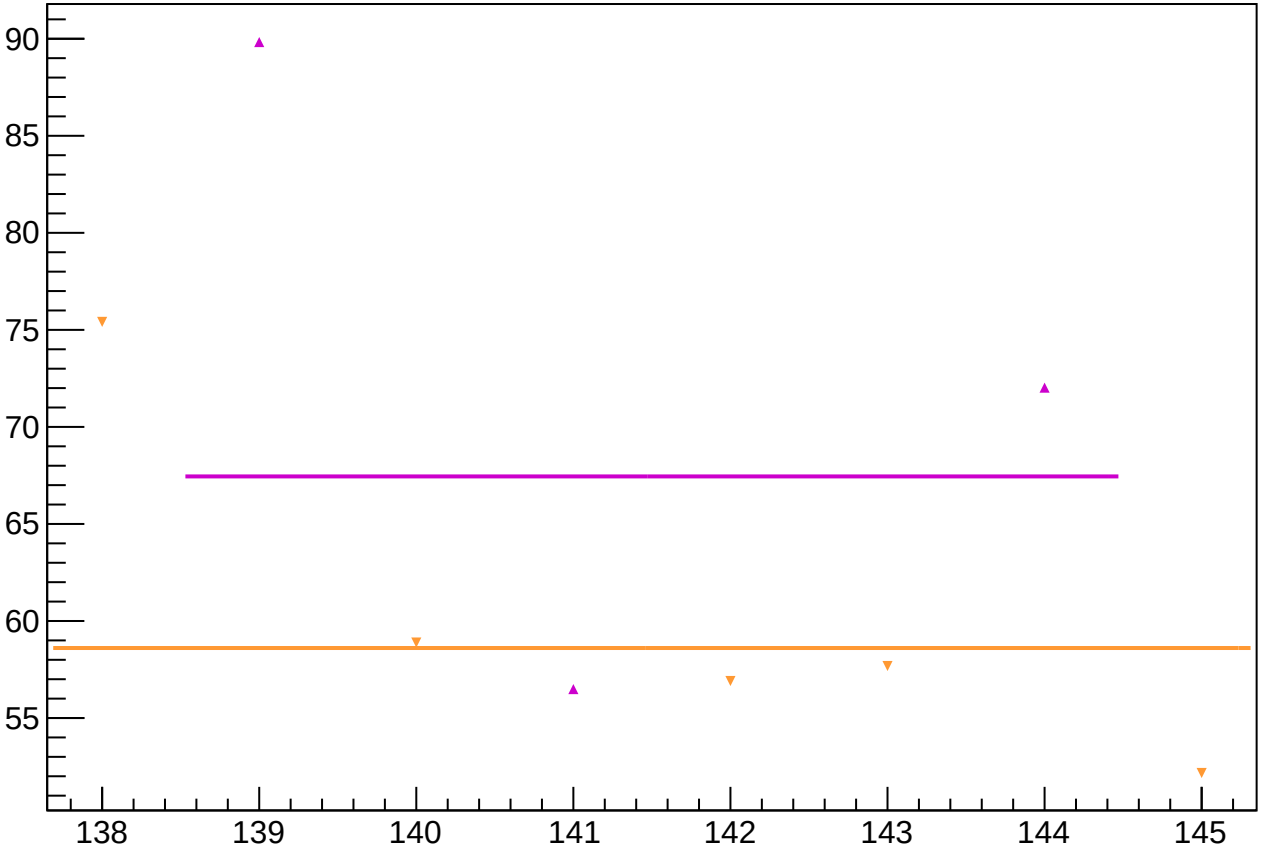
Left In: 132.001+/-44.685 χ^2/NDF:0.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 36.474+/-26.211 χ^2/NDF: 14.5/7

- 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: 58.608+/-0.023 χ^2/NDF:96220.5/4

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

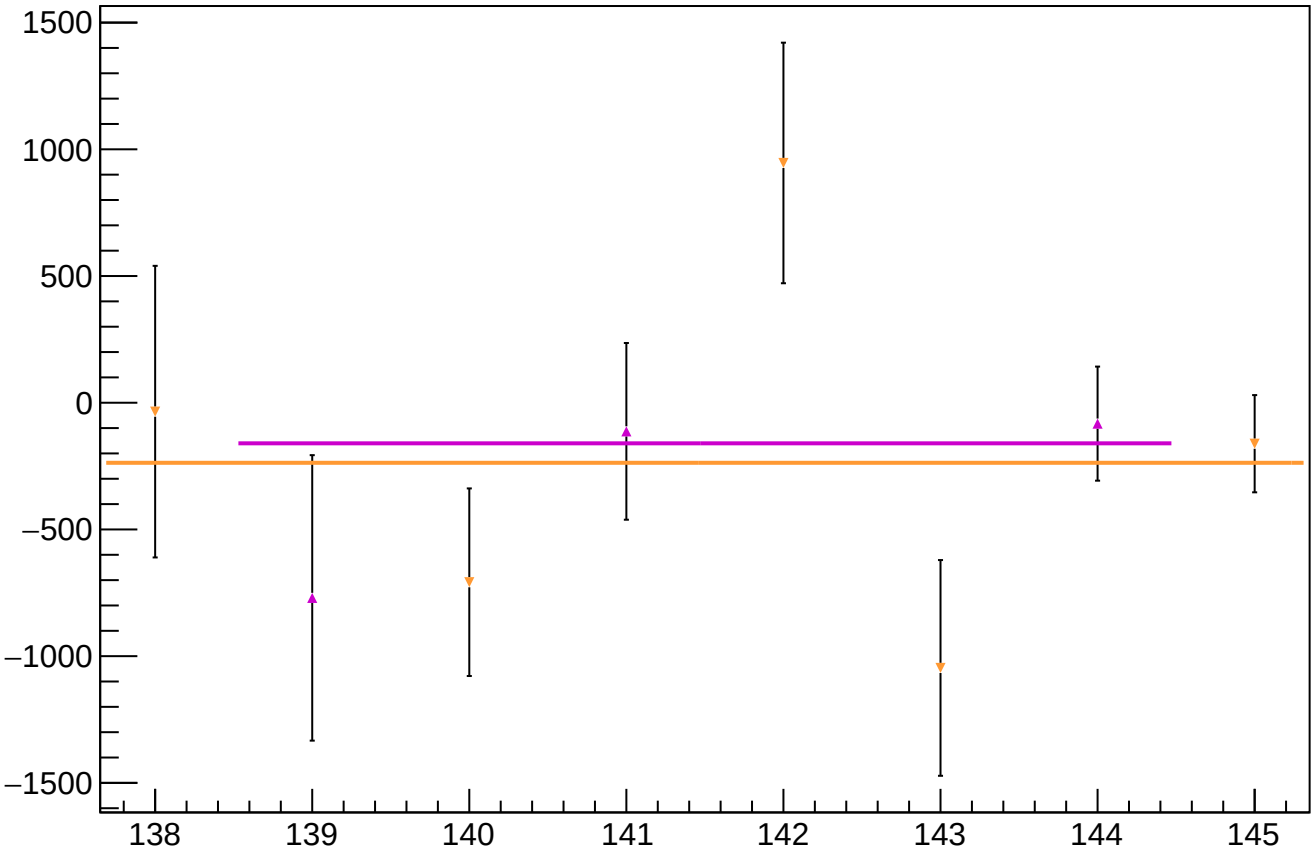
Left In: 67.449+/-0.032 χ^2/NDF:166322.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 61.650+/-0.019 χ^2/NDF: 313900.9/7

- 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: -236.985+/-145.167 χ^2/NDF:11.7/4

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

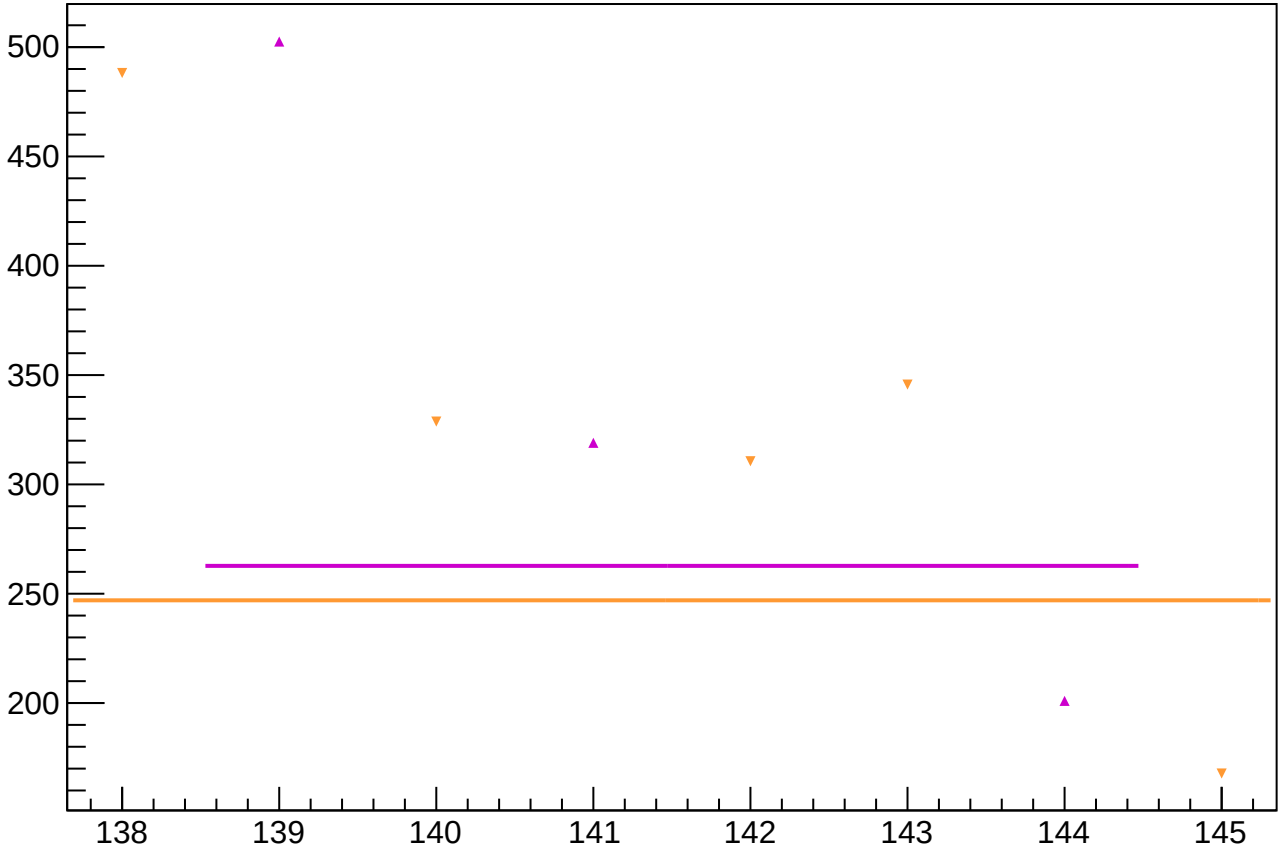
Left In: -160.157+/-179.264 χ^2/NDF:1.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -206.557+/-112.815 χ^2/NDF: 13.1/7

- 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: 246.979+/-0.103 χ^2/NDF:933507.8/4

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

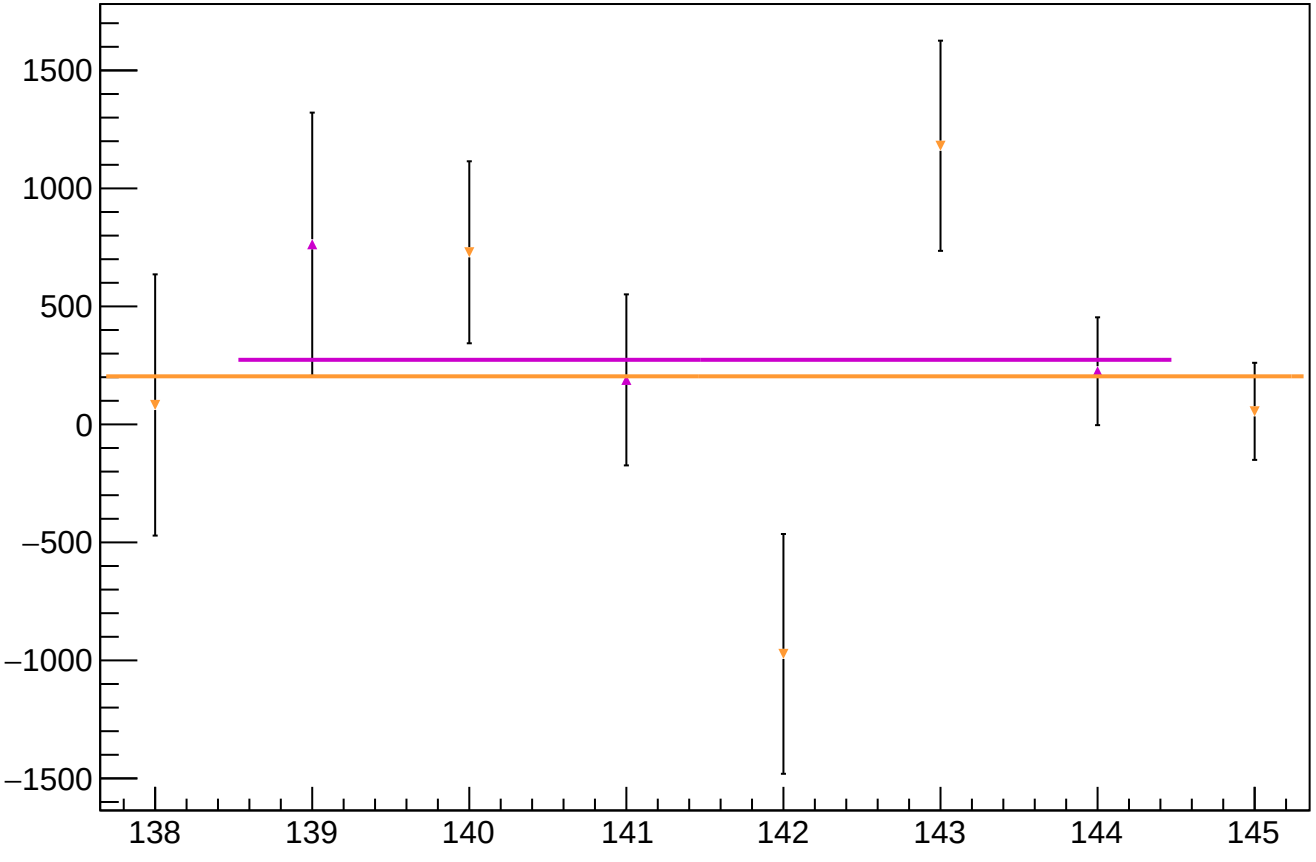
Left In: 262.736+/-0.127 χ^2/NDF:565224.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 253.220+/-0.080 χ^2/NDF: 1508066.0/7

- 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: 203.720+/-153.311 χ^2/NDF:12.6/4

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

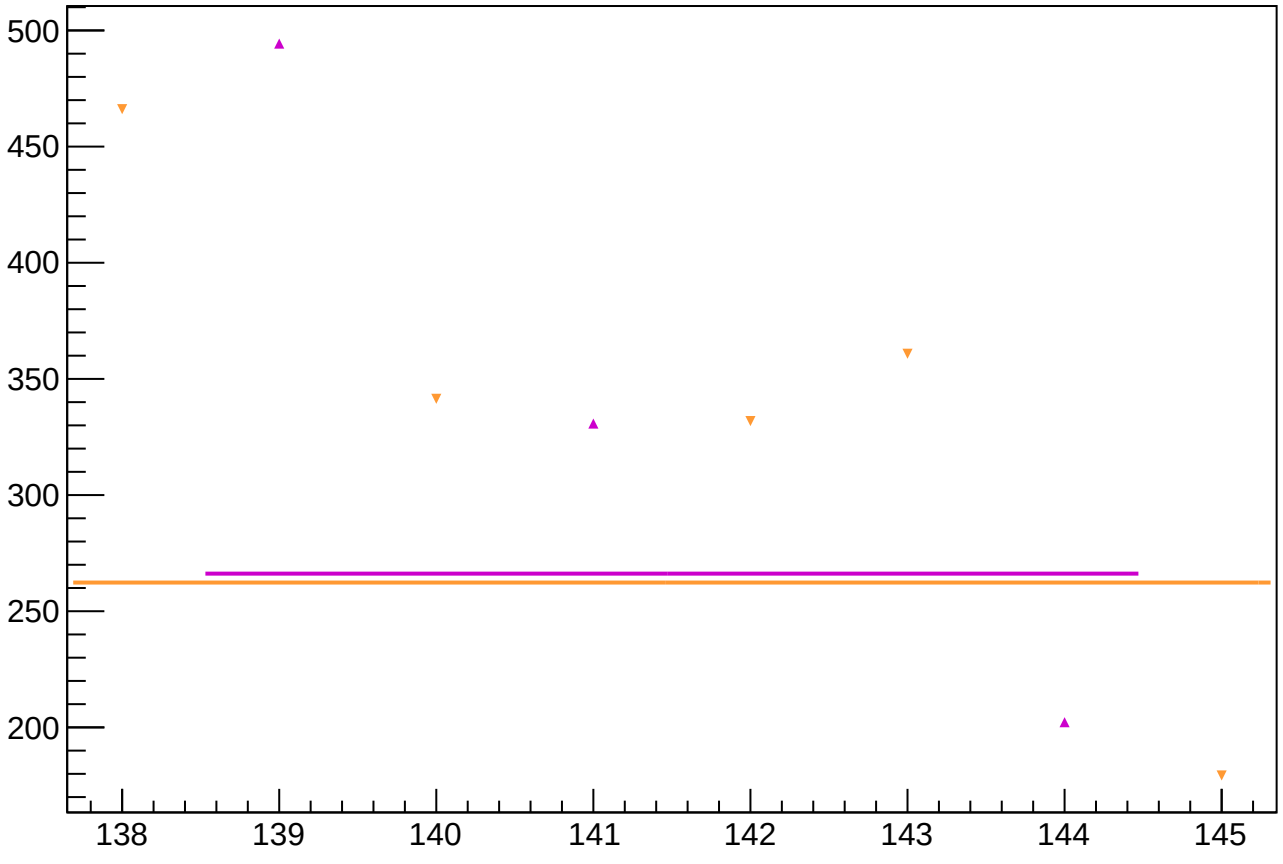
Left In: 273.684+/-182.607 χ^2/NDF:0.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 232.647+/-117.416 χ^2/NDF: 13.6/7

- 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: 262.346+/-0.108 χ^2/NDF:816474.9/4

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

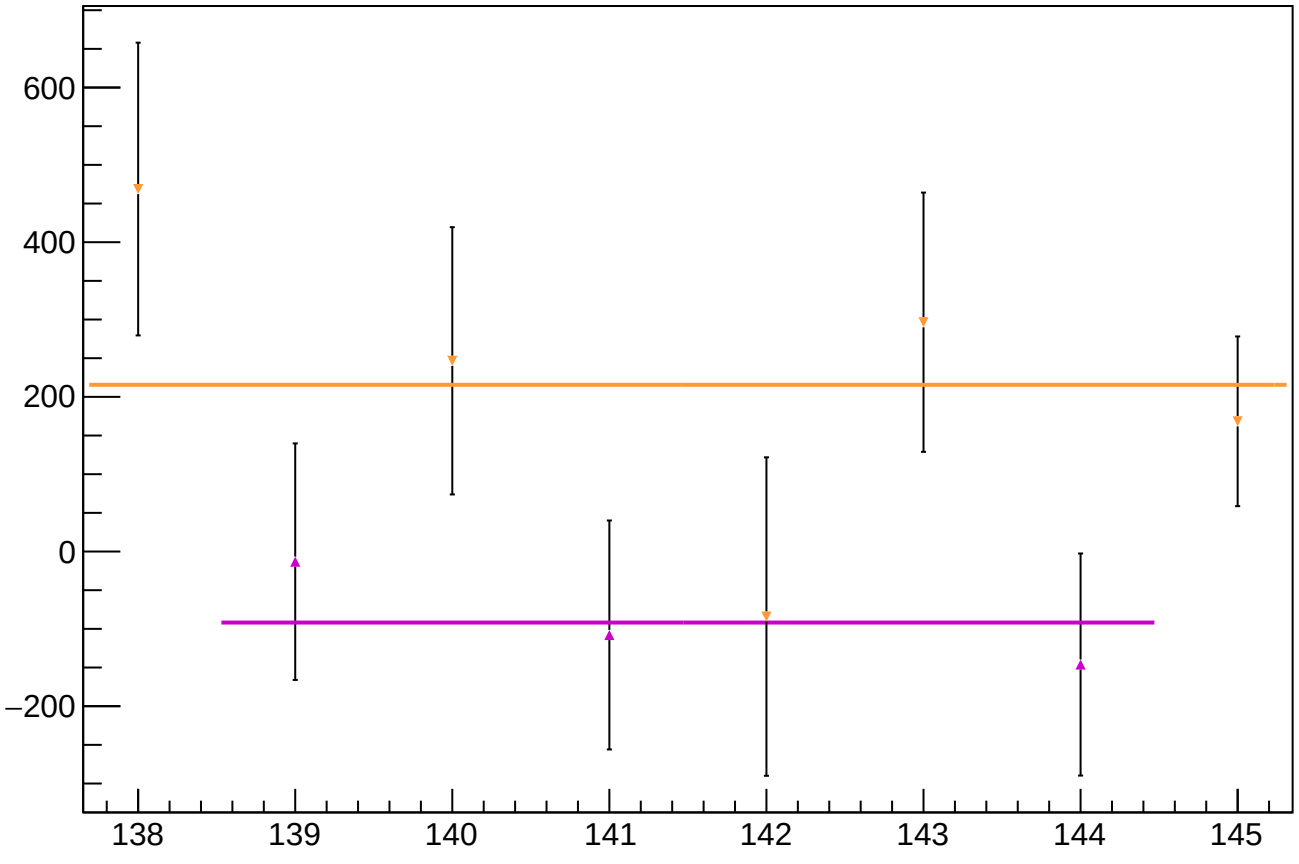
Left In: 266.184+/-0.129 χ^2/NDF:554935.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 263.933+/-0.083 χ^2/NDF: 1371928.5/7

- 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: 215.577+/-70.077 χ^2/NDF:4.4/4

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

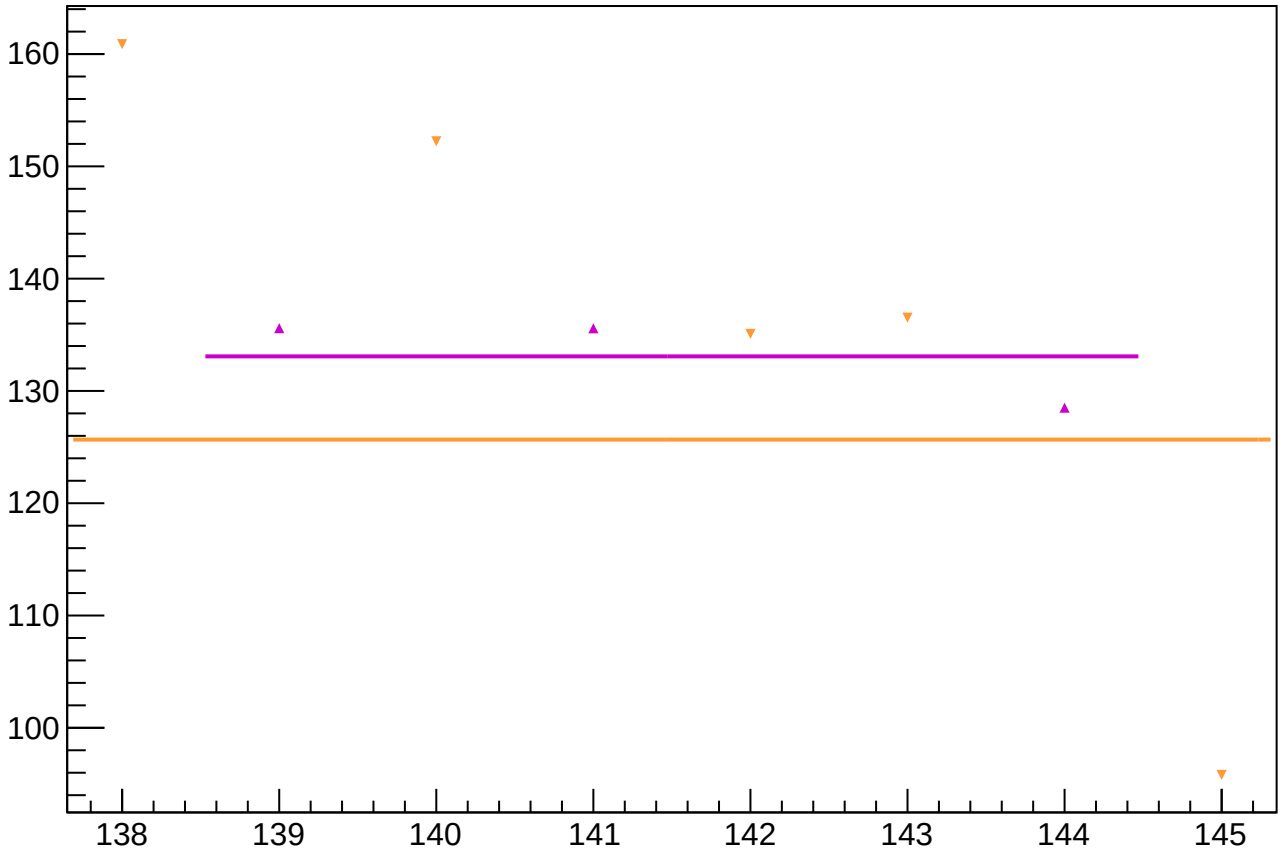
Left In: -91.846+/-85.472 χ^2/NDF:0.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 91.994+/-54.191 χ^2/NDF: 12.5/7

- 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: 125.668+/-0.050 χ^2/NDF:277201.5/4

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

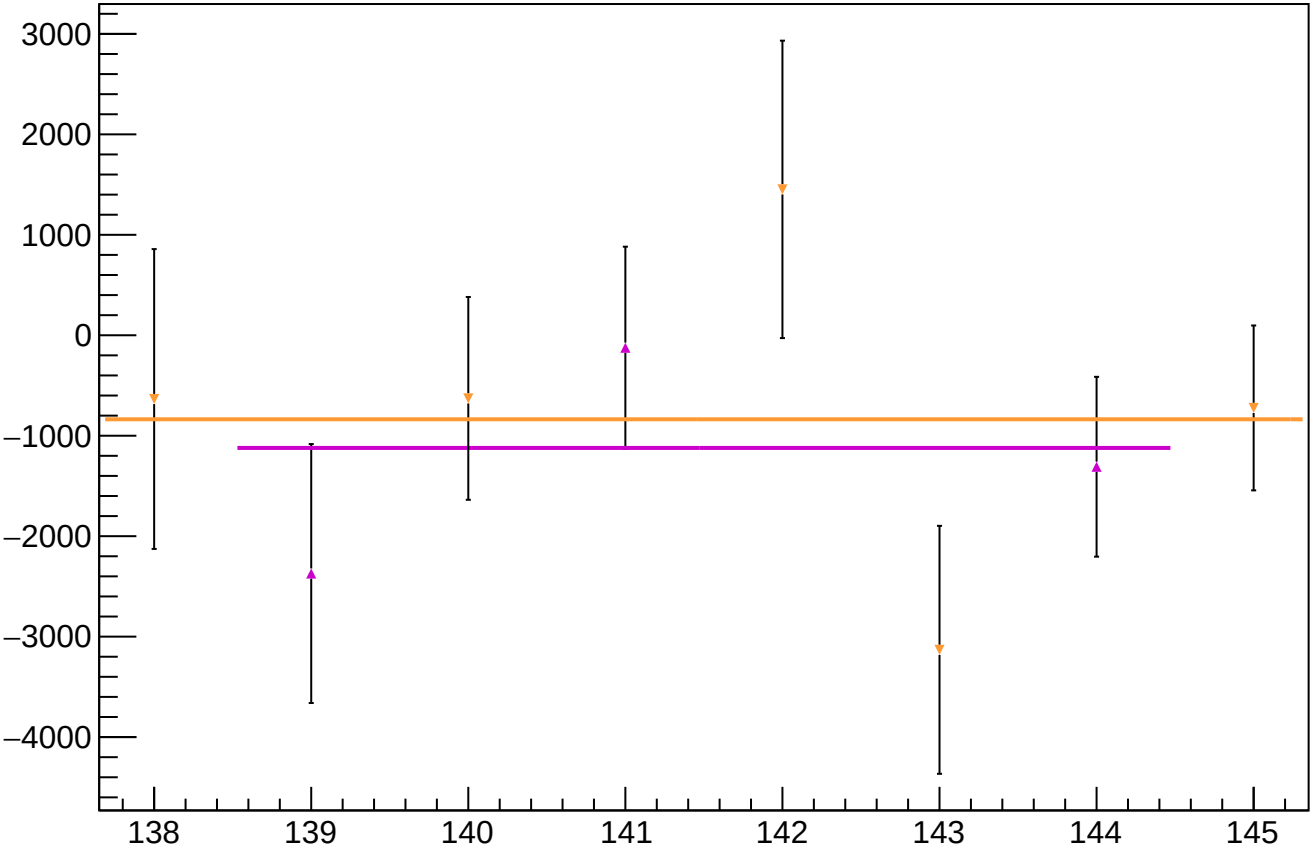
Left In: 133.078+/-0.060 χ^2/NDF:3136.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 128.647+/-0.038 χ^2/NDF: 289326.7/7

- 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: -836.317+/-498.242 χ^2/NDF:5.9/4

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

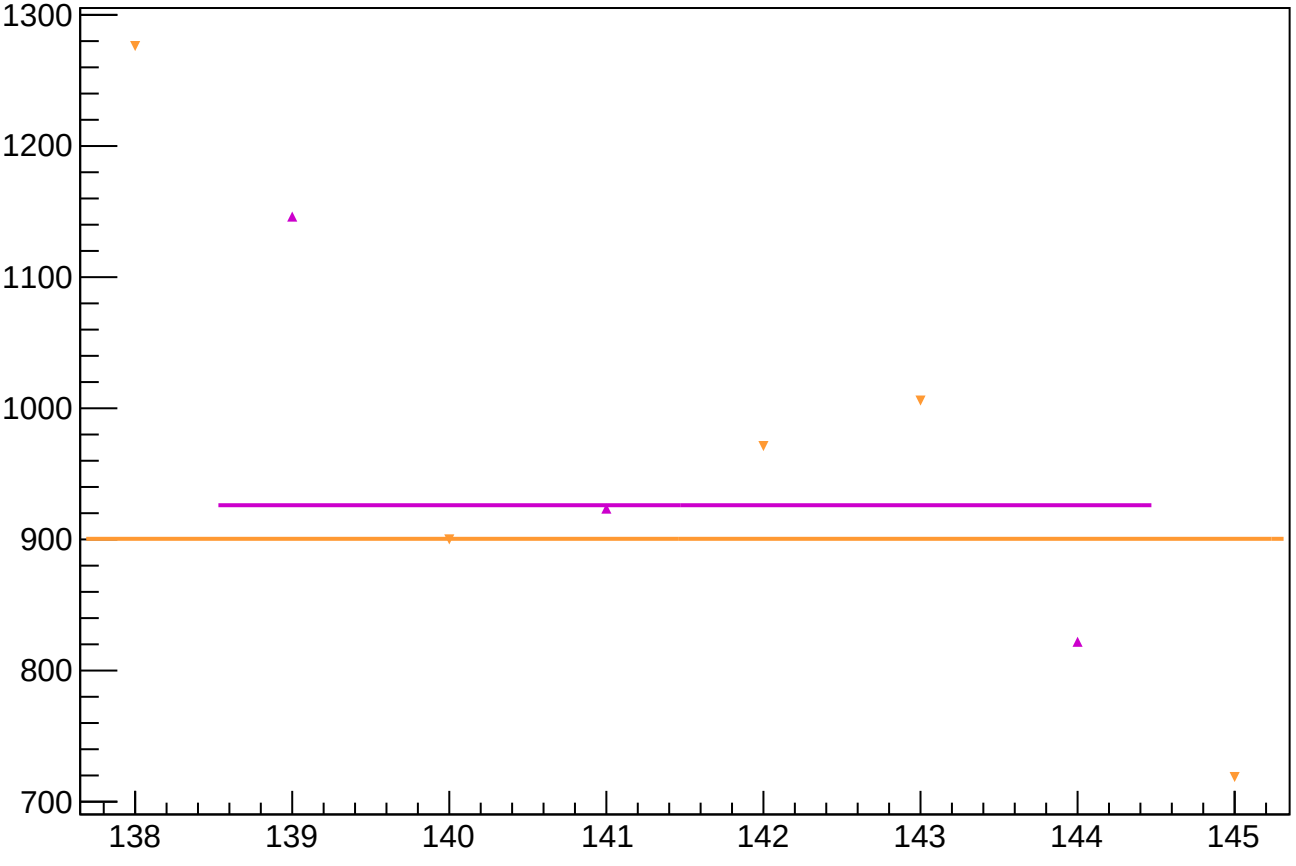
Left In: -1121.448+/-593.501 χ^2/NDF:2.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -954.192+/-381.601 χ^2/NDF: 8.0/7

- 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: 900.469+/-0.352 χ^2/NDF:243967.5/4

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

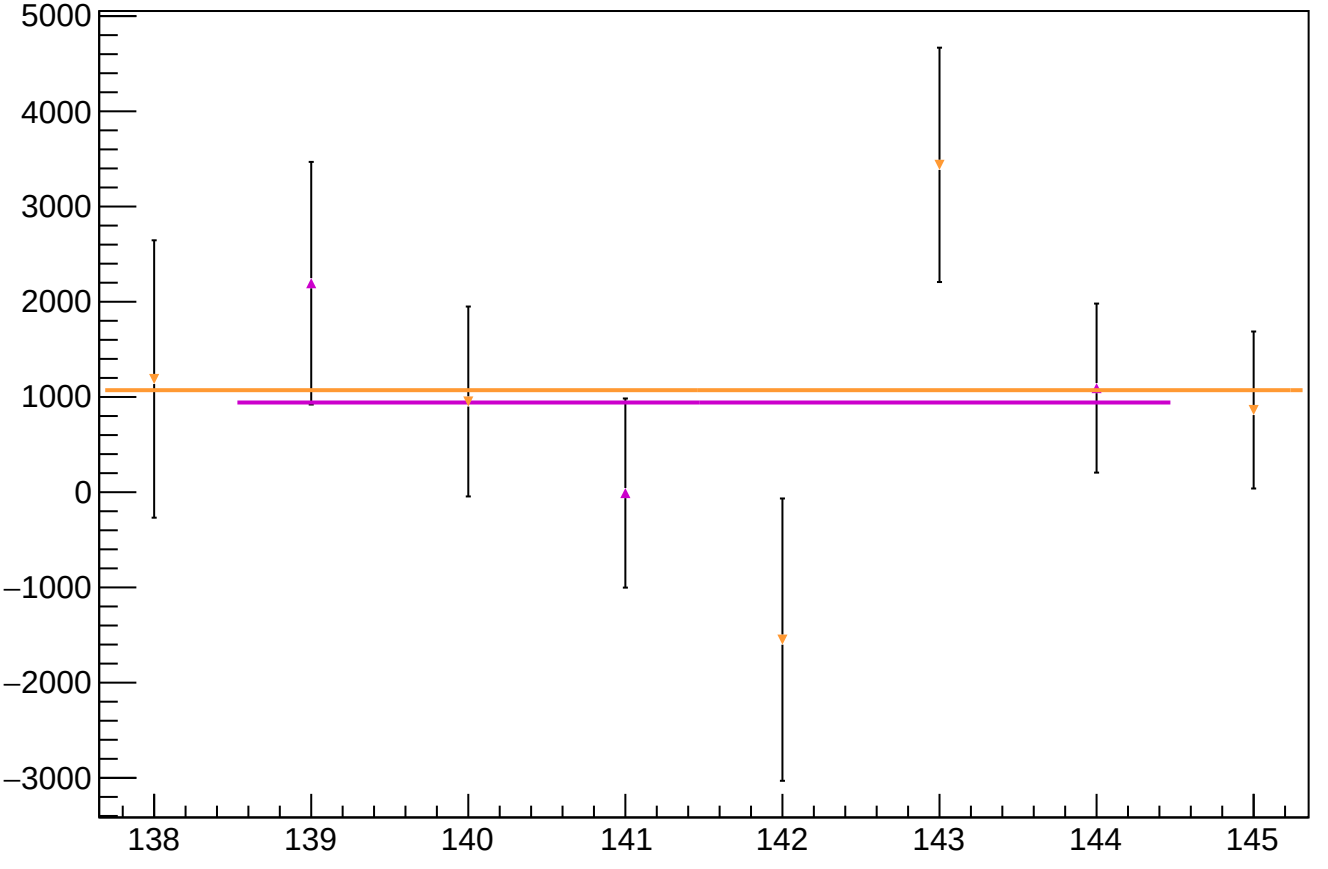
Left In: 926.082+/-0.420 χ^2/NDF:85404.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 911.057+/-0.270 χ^2/NDF: 331557.4/7

- 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: 1071.420+/-496.048 χ^2/NDF:6.9/4

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

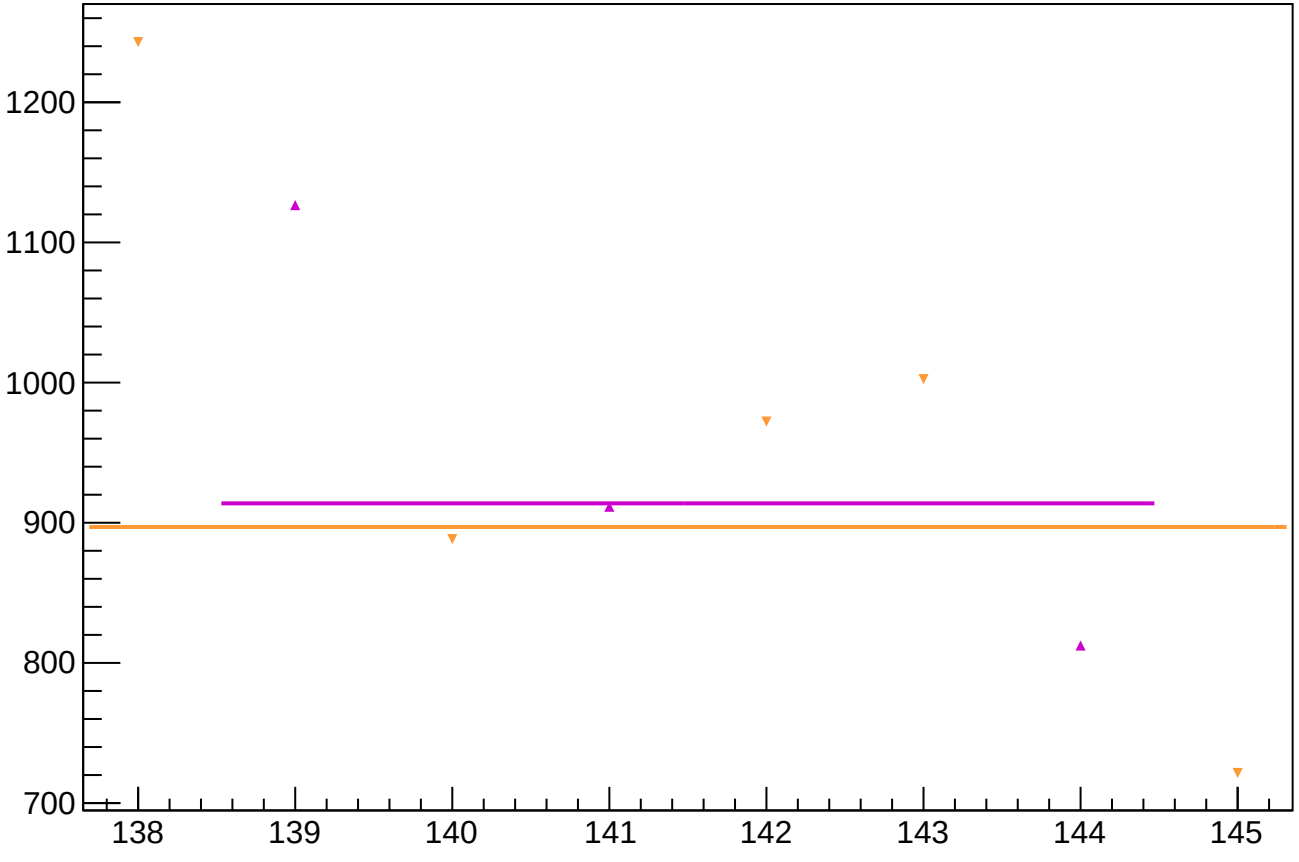
Left In: 941.951+/-587.260 χ^2/NDF:1.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1017.510+/-378.951 χ^2/NDF: 8.8/7

- 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: 896.986+/-0.351 χ^2/NDF:223468.3/4

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

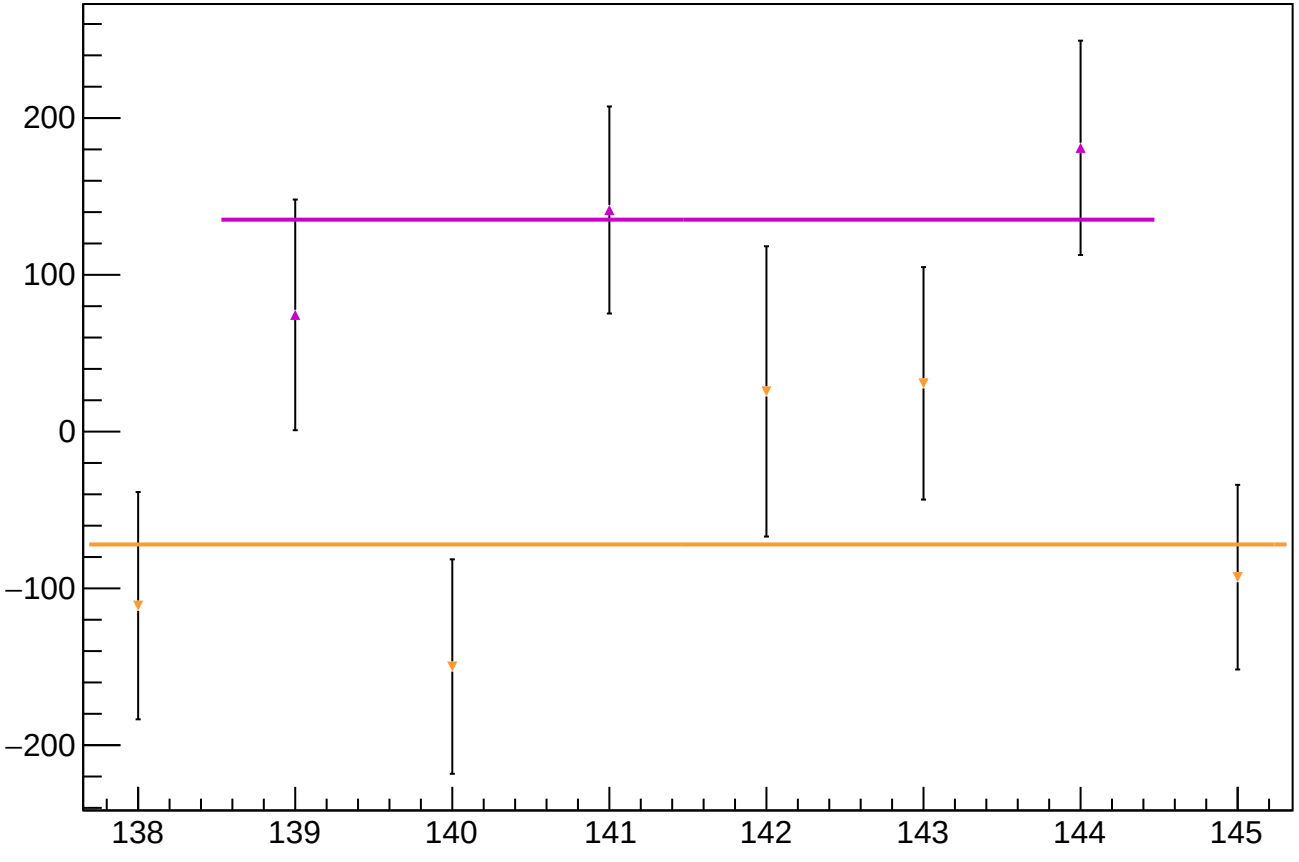
Left In: 913.832+/-0.415 χ^2/NDF:81928.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 904.001+/-0.268 χ^2/NDF: 306357.2/7

- 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: -71.984+/-31.767 χ^2/NDF:4.7/4

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

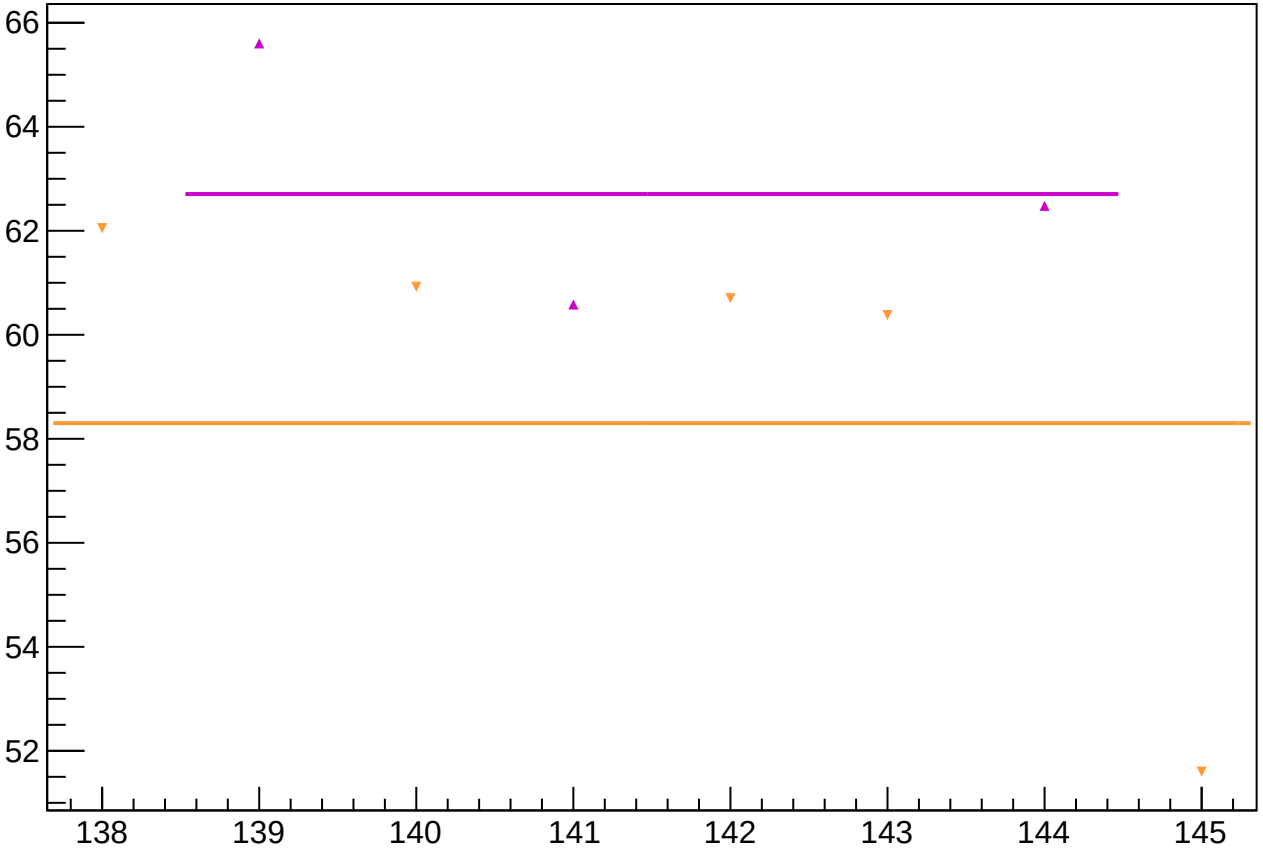
Left In: 135.194+/-39.898 χ^2/NDF:1.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.397+/-24.852 χ^2/NDF: 22.4/7

- 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: 58.301+/-0.022 χ^2/NDF:37102.0/4

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

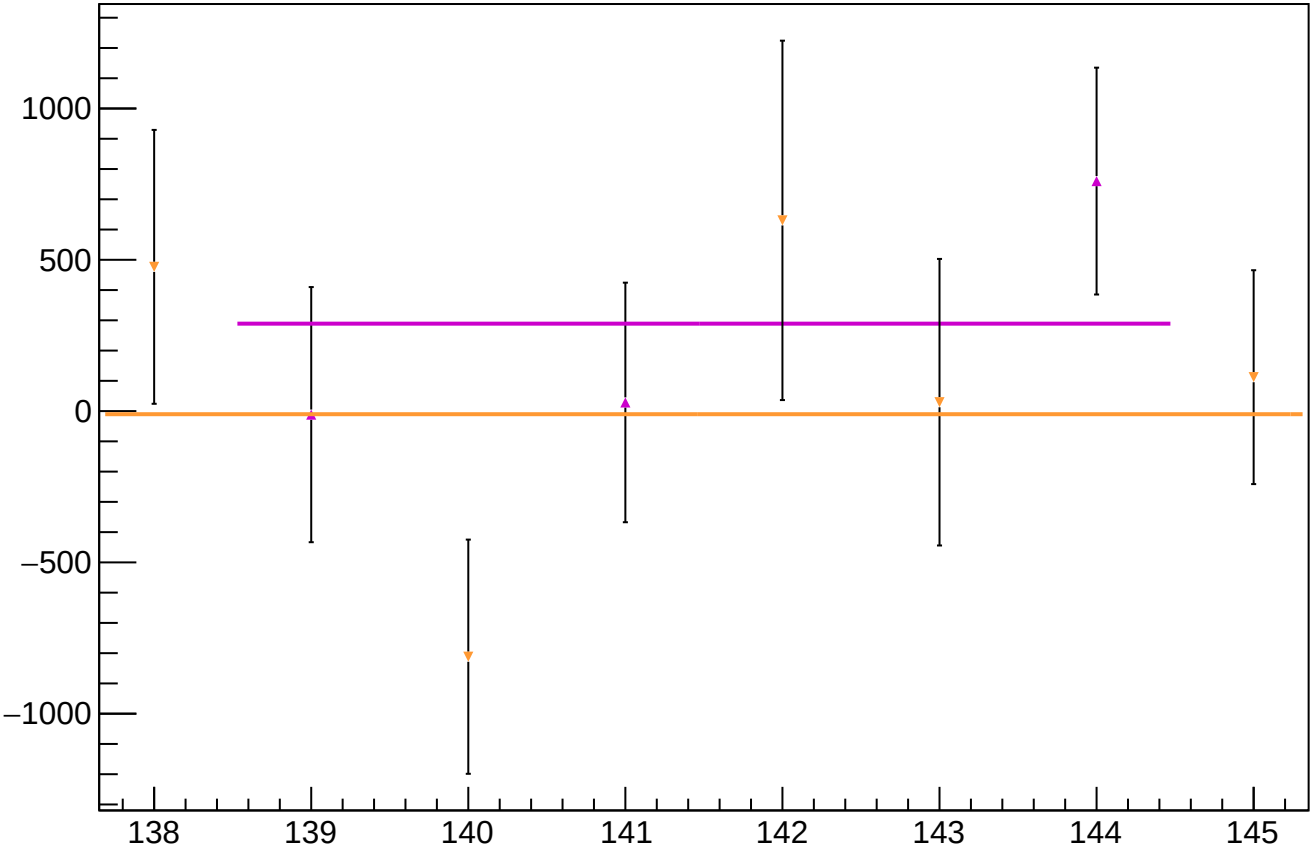
Left In: 62.706+/-0.028 χ^2/NDF:5191.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 60.010+/-0.018 χ^2/NDF: 57212.7/7

- 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: -10.258+/-192.943 χ^2/NDF:6.7/4

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

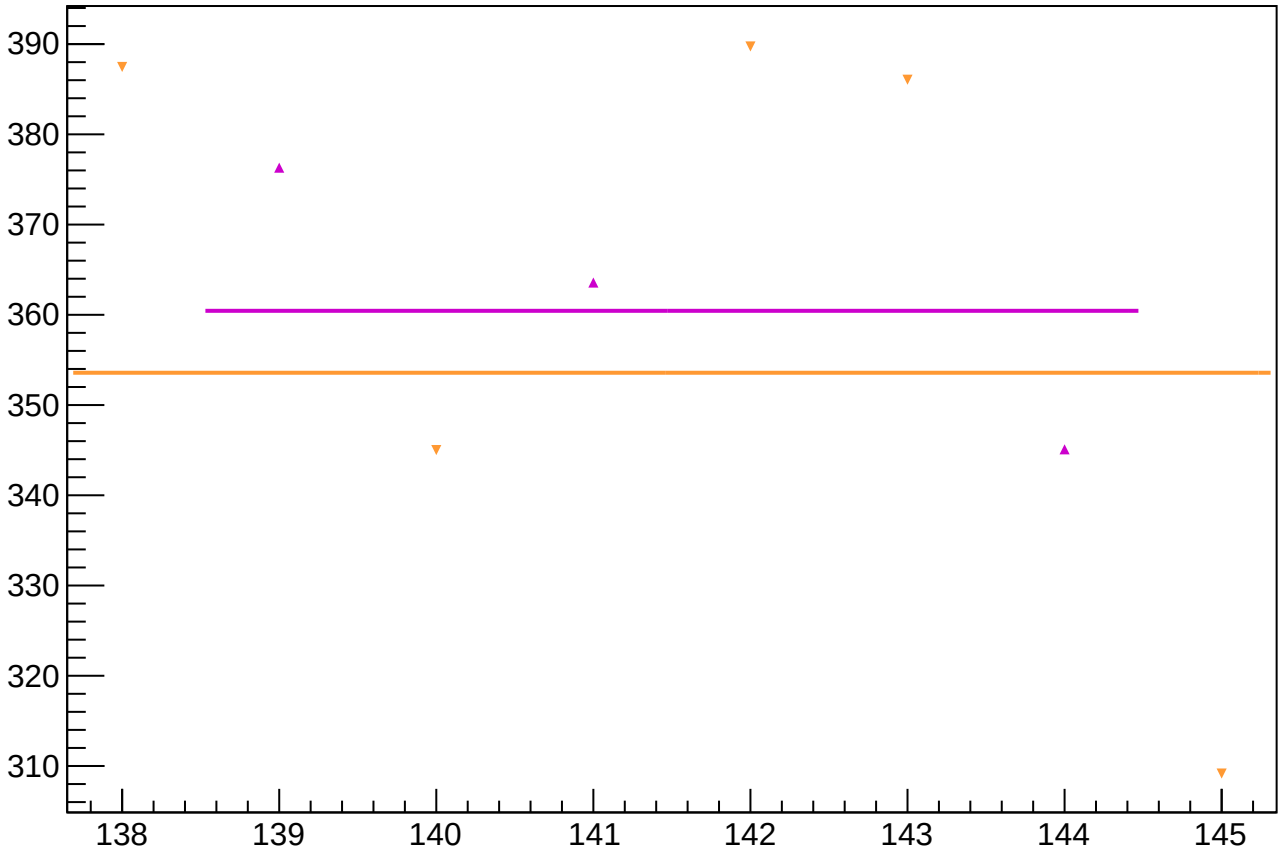
Left In: 288.975+/-228.667 χ^2/NDF:2.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 114.184+/-147.463 χ^2/NDF: 10.3/7

- 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: 353.580+/-0.136 χ^2/NDF:60606.8/4

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

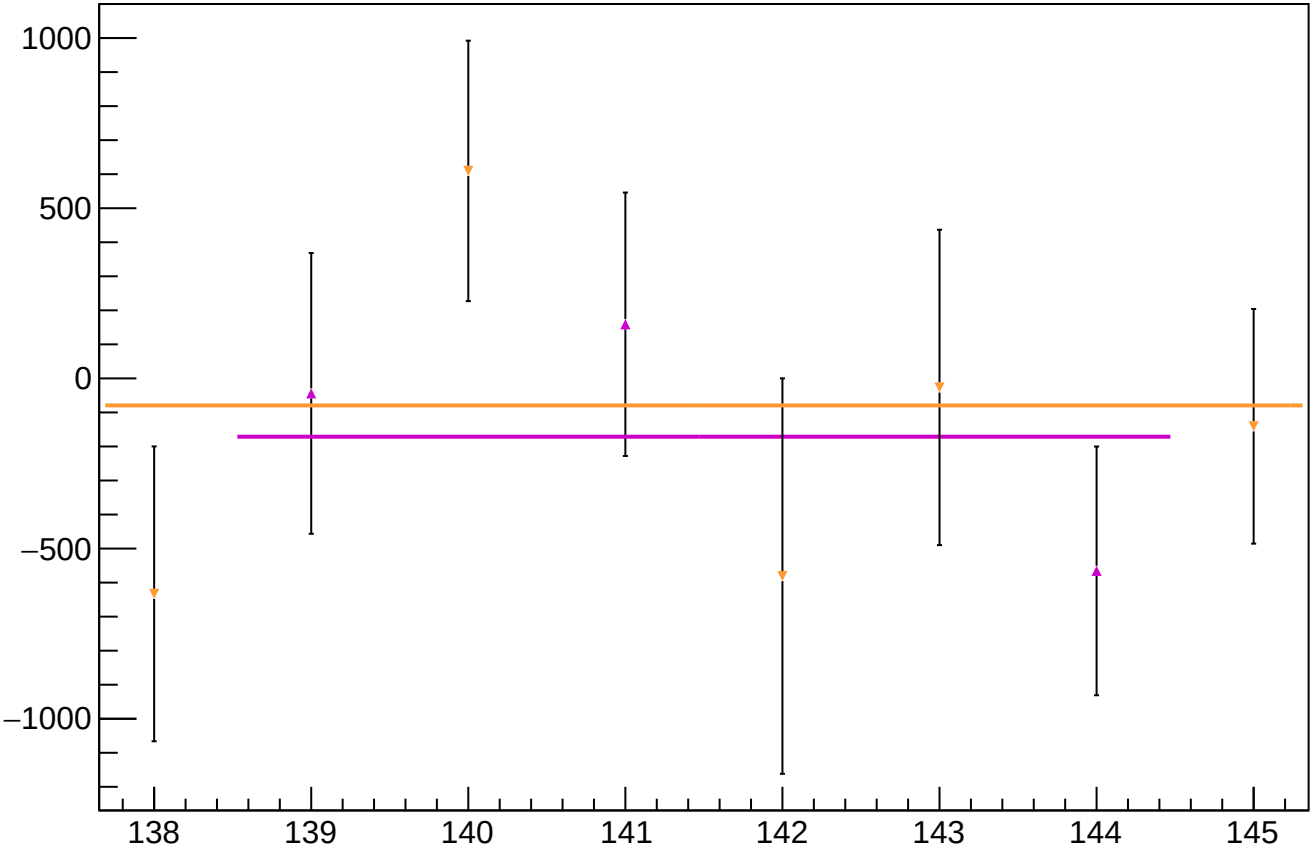
Left In: 360.443+/-0.162 χ^2/NDF:6310.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 356.434+/-0.104 χ^2/NDF: 67970.0/7

- 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: -79.393+/-188.319 χ^2/NDF:5.7/4

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

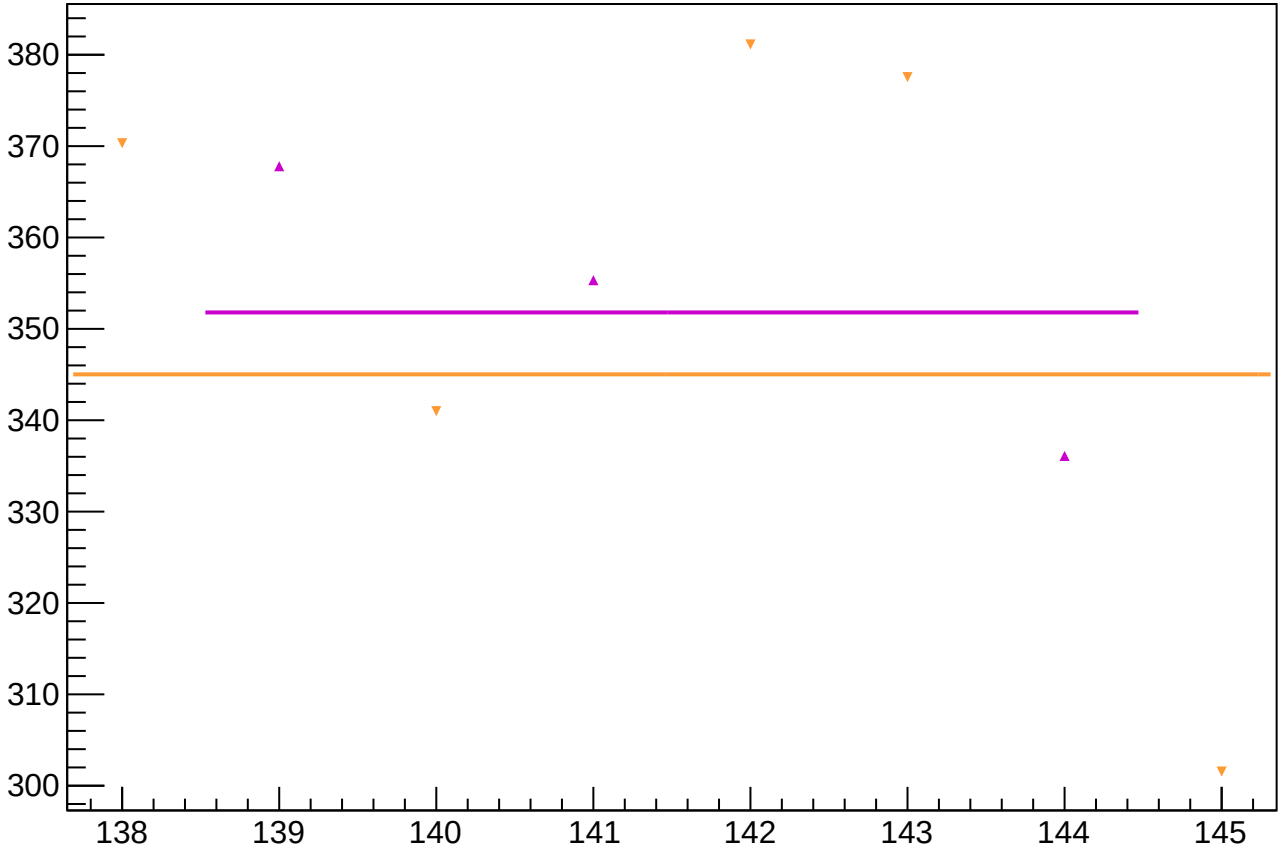
Left In: -171.287+/-223.357 χ^2/NDF:2.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -117.575+/-143.974 χ^2/NDF: 7.8/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_13_57_dd_rms vs Slug



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

Left Out: 345.021+/-0.133 χ^2/NDF:56437.1/4

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

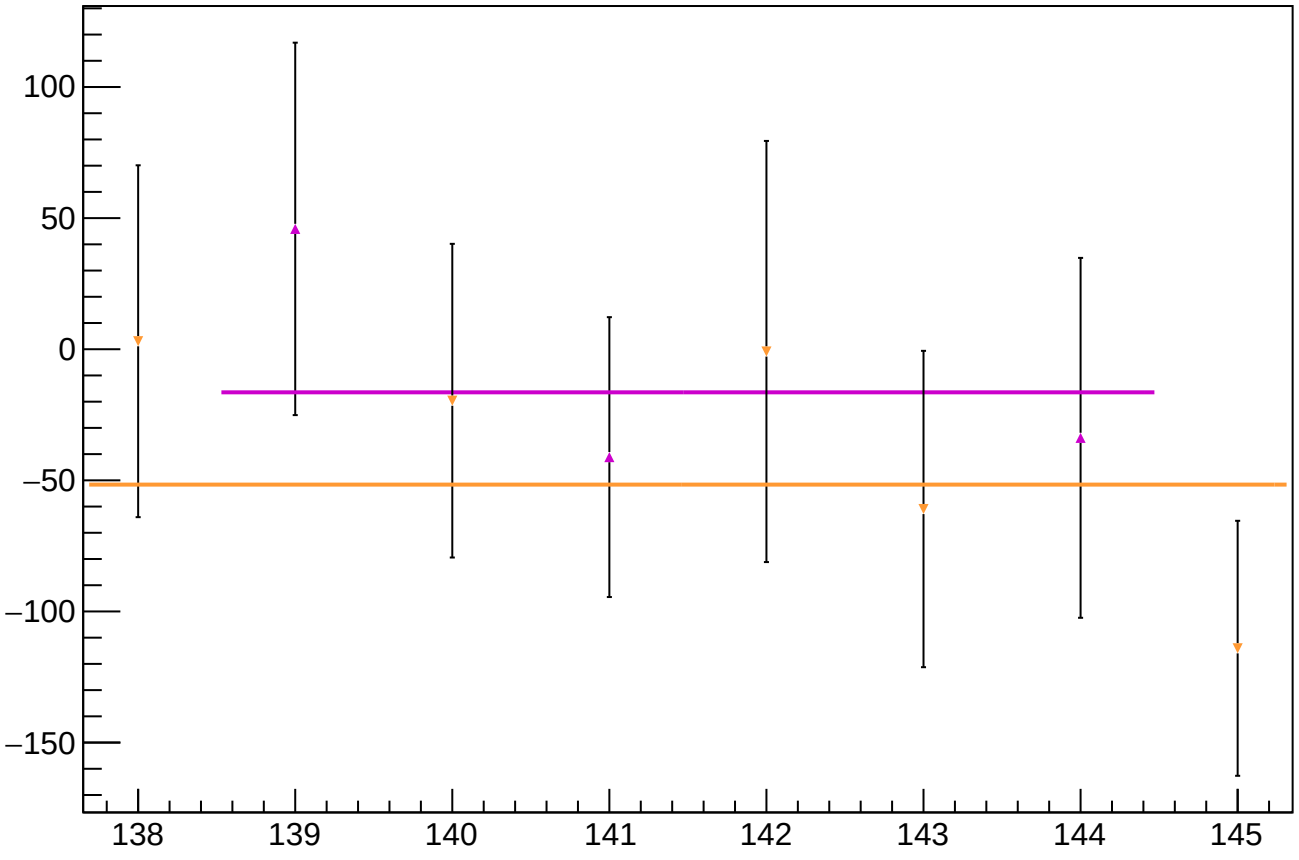
Left In: 351.799+/-0.158 χ^2/NDF:6871.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 347.838+/-0.102 χ^2/NDF: 64385.1/7

- 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: -51.627+/-27.171 χ^2/NDF:3.0/4

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

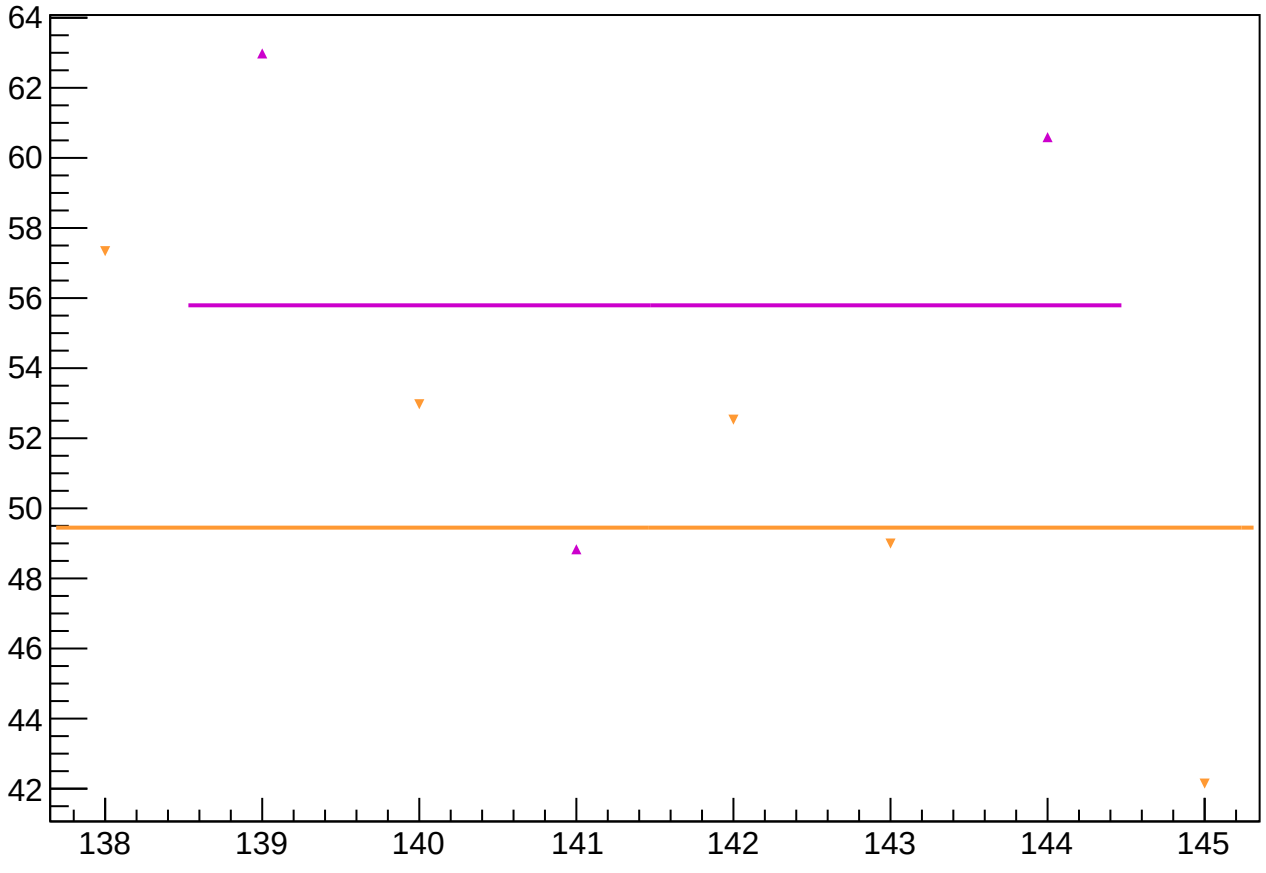
Left In: -16.436+/-36.232 χ^2/NDF:1.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -38.960+/-21.738 χ^2/NDF: 4.7/7

- 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: 49.449+/-0.019 χ^2/NDF:82767.4/4

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

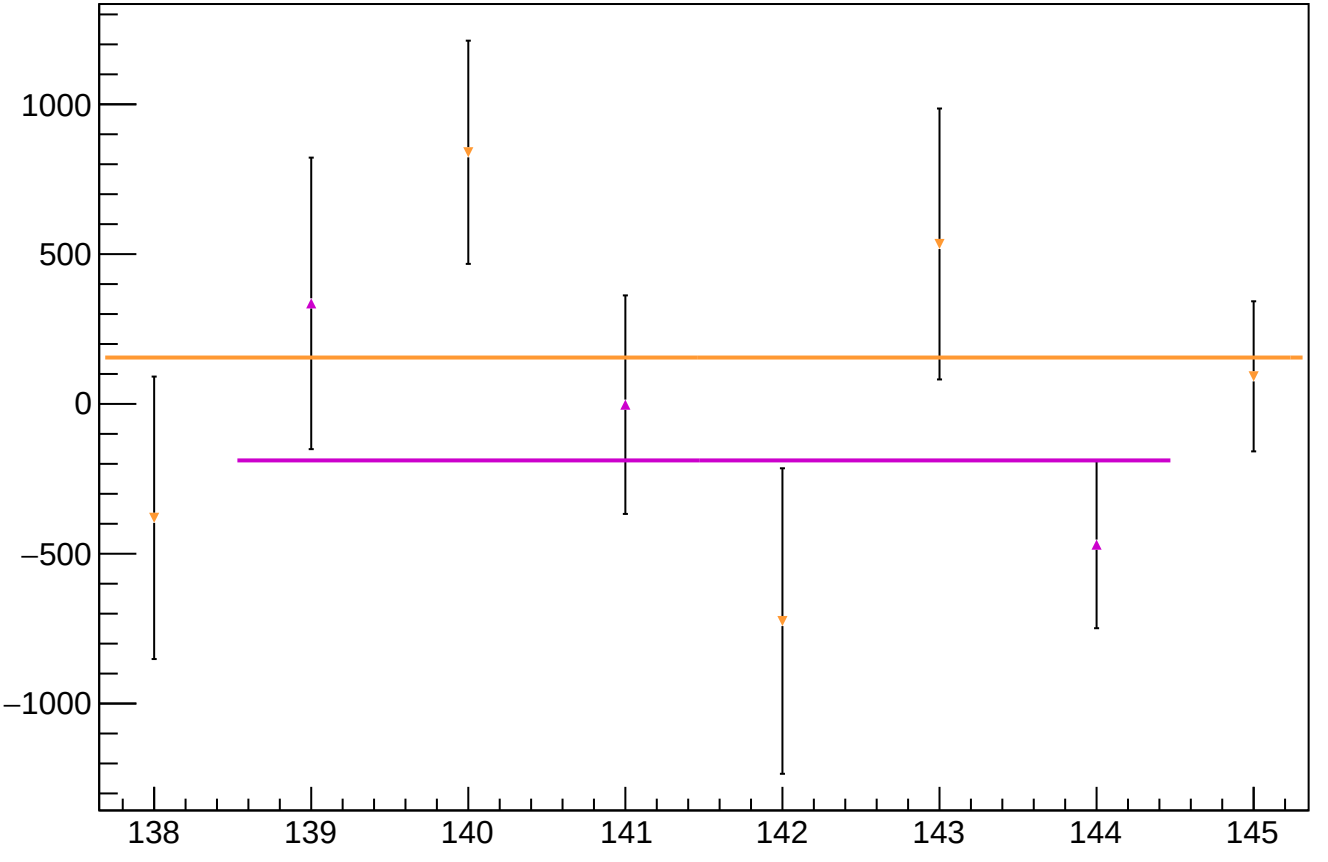
Left In: 55.794+/-0.026 χ^2/NDF:64301.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 51.733+/-0.015 χ^2/NDF: 186315.9/7

- 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: 154.840+/-165.776 χ^2/NDF:8.4/4

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

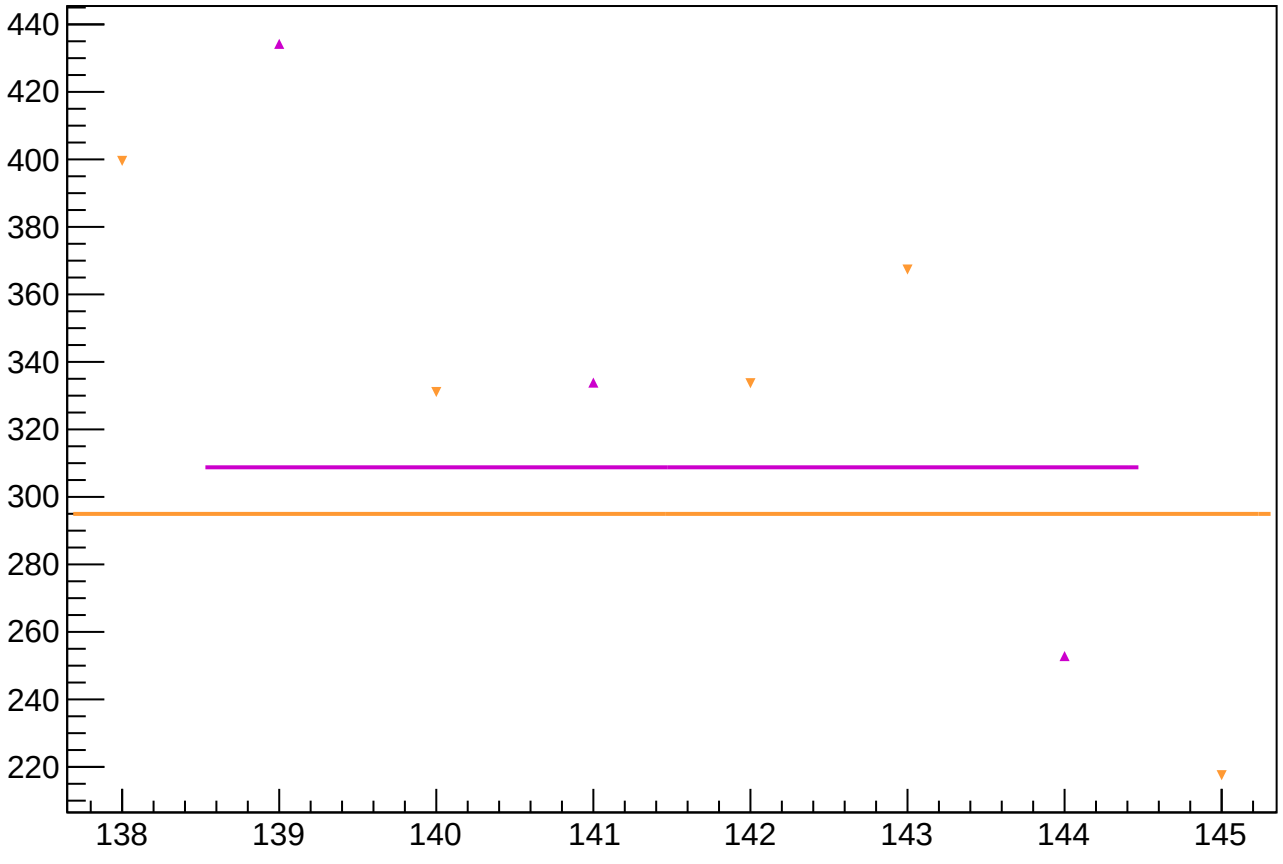
Left In: -188.529+/-201.625 χ^2/NDF:2.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 16.343+/-128.051 χ^2/NDF: 12.6/7

- 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: 294.967+/-0.117 χ^2/NDF:371198.5/4

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

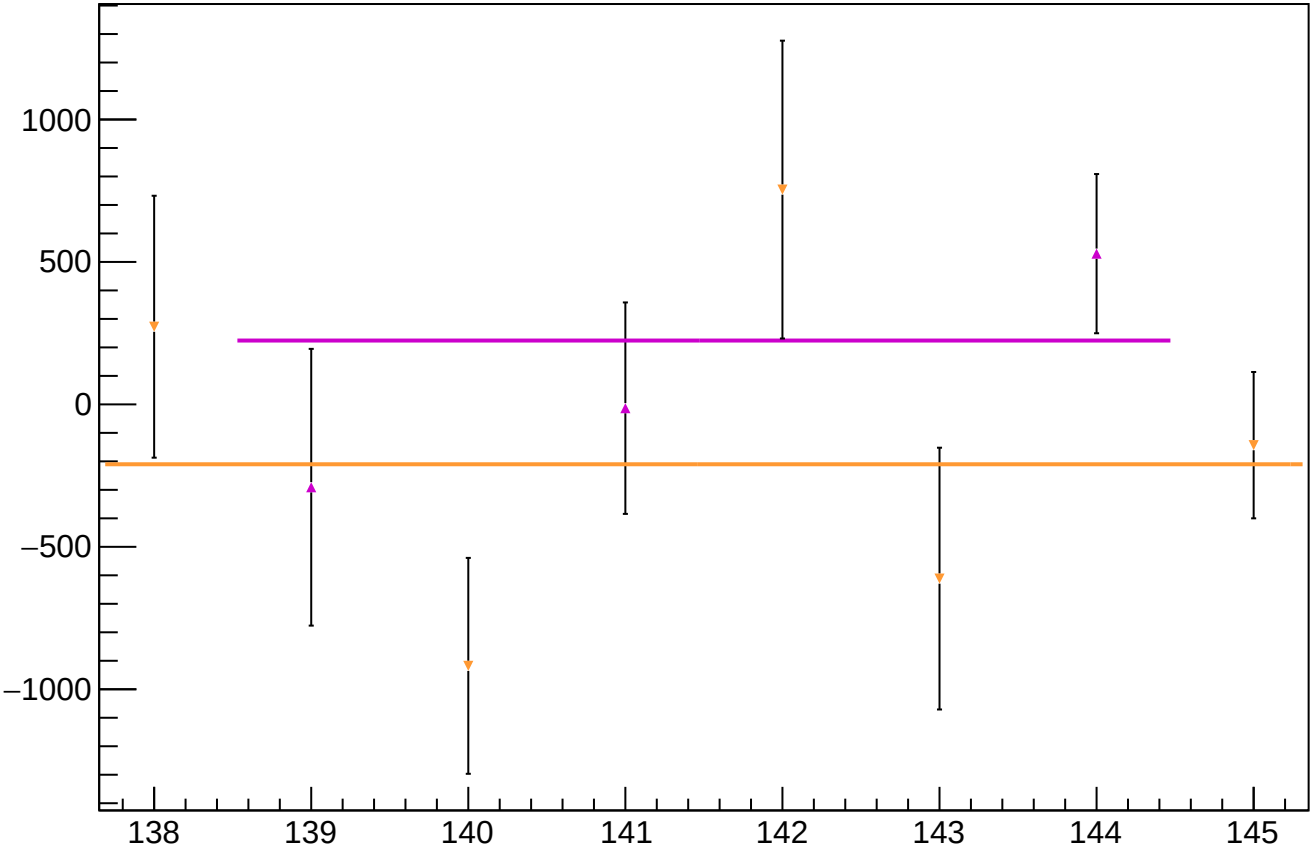
Left In: 308.770+/-0.143 χ^2/NDF:222939.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 300.534+/-0.091 χ^2/NDF: 599730.9/7

- 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: -210.173+/-168.432 χ^2/NDF:8.8/4

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

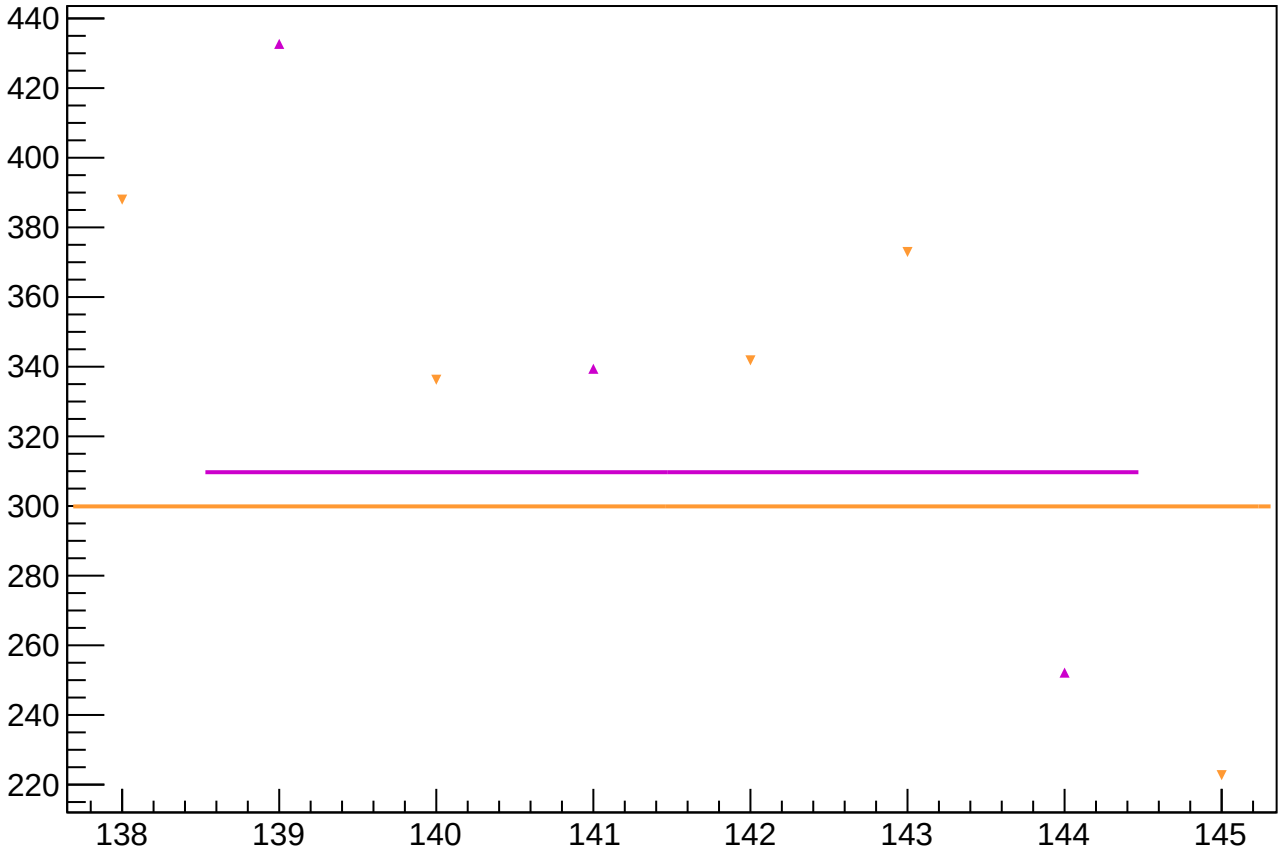
Left In: 224.120+/-202.830 χ^2/NDF:2.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.923+/-129.579 χ^2/NDF: 14.3/7

- 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: 299.888+/-0.119 χ^2/NDF:335796.6/4

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

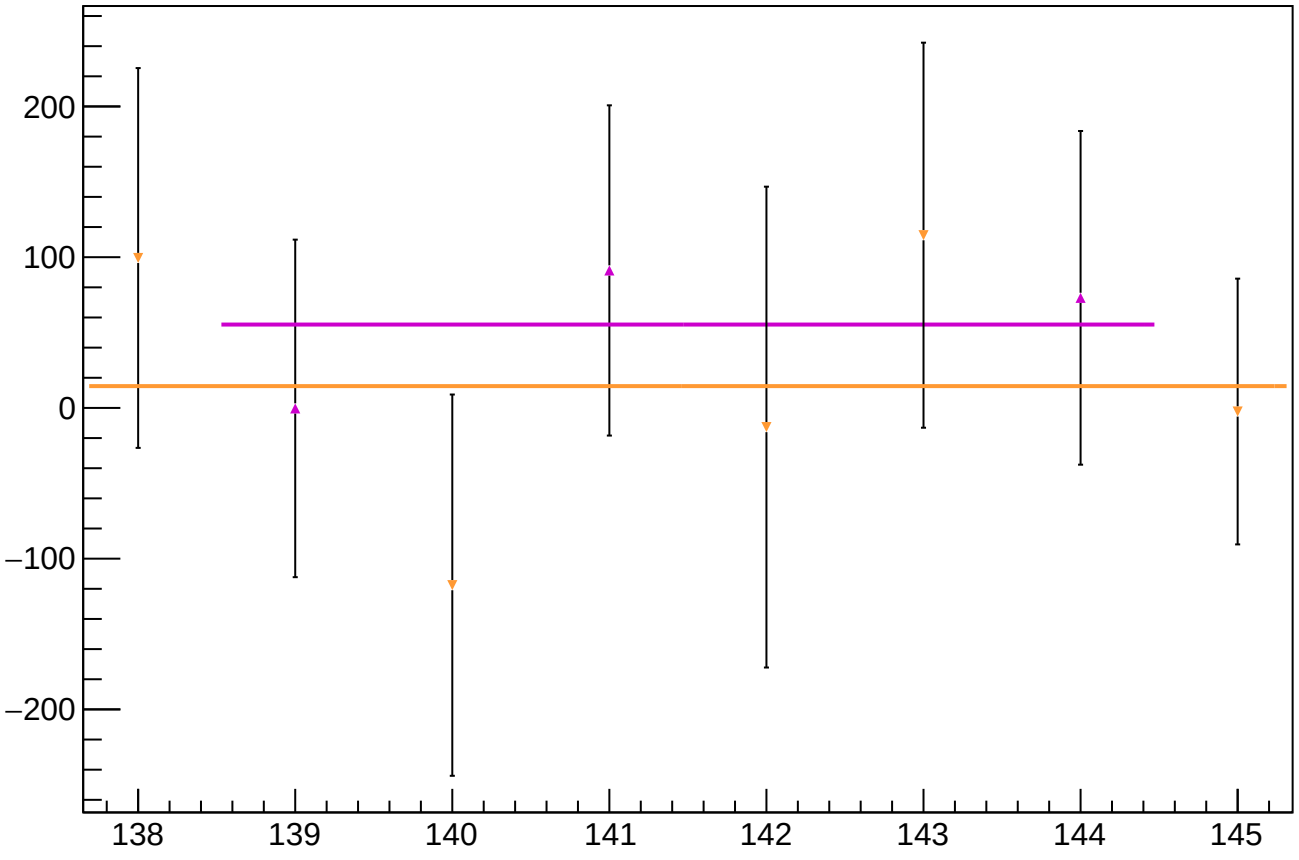
Left In: 309.705+/-0.143 χ^2/NDF:225882.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 303.894+/-0.092 χ^2/NDF: 564451.8/7

- 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: 14.468+/-53.090 χ^2/NDF:2.2/4

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

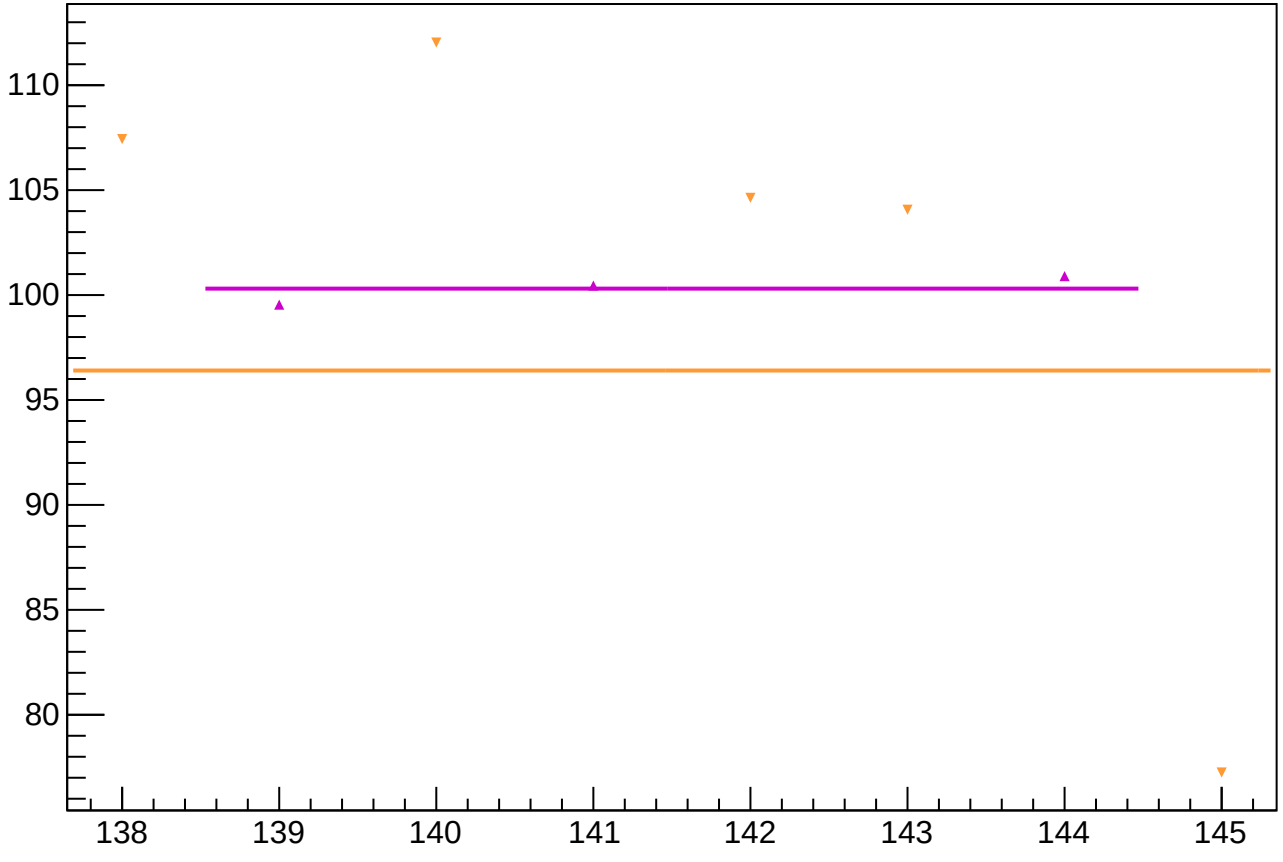
Left In: 55.312+/-63.923 χ^2/NDF:0.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 31.141+/-40.841 χ^2/NDF: 2.8/7

- 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: 96.405+/-0.038 χ^2/NDF:152792.1/4

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

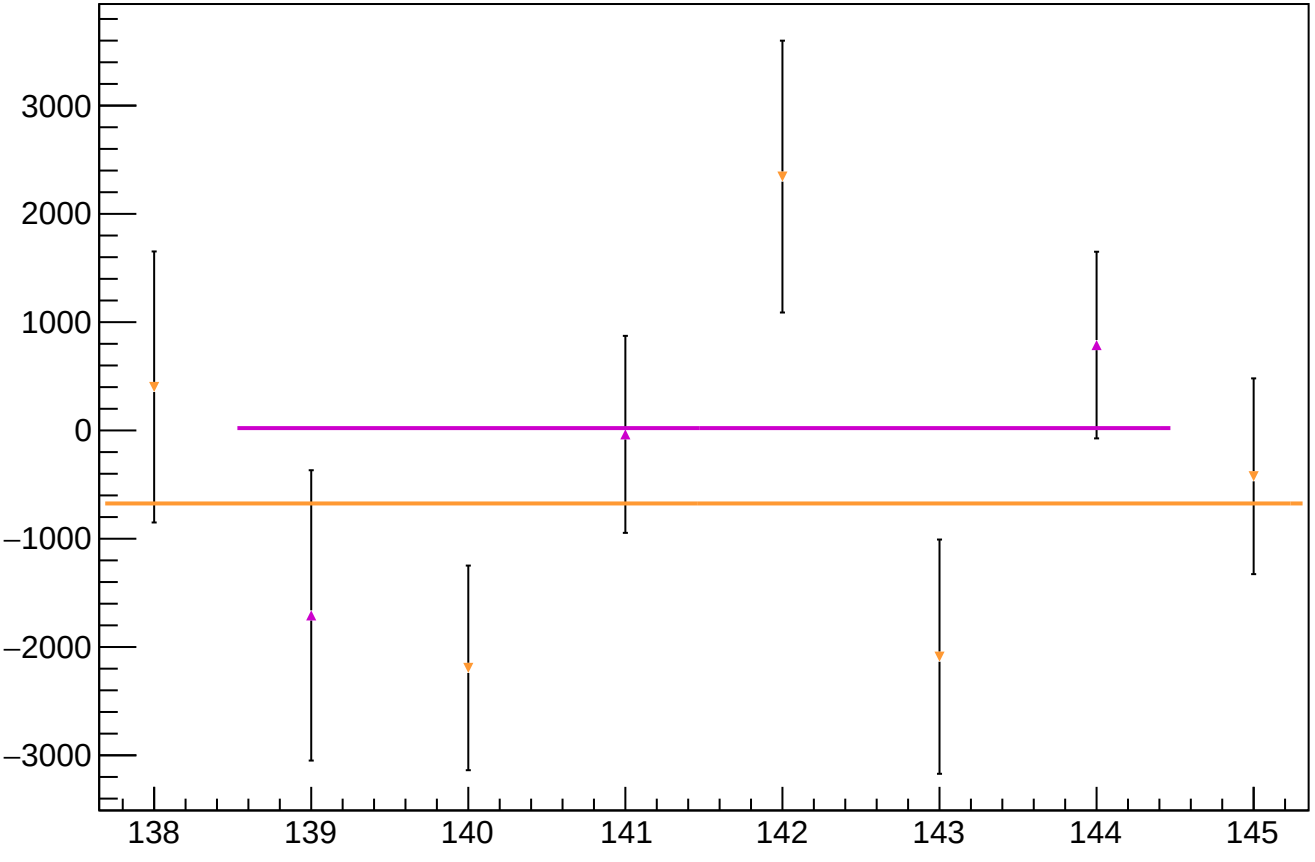
Left In: 100.307+/-0.045 χ^2/NDF:154.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 97.998+/-0.029 χ^2/NDF: 157356.9/7

- 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: -674.299+/-472.882 χ^2/NDF:10.9/4

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

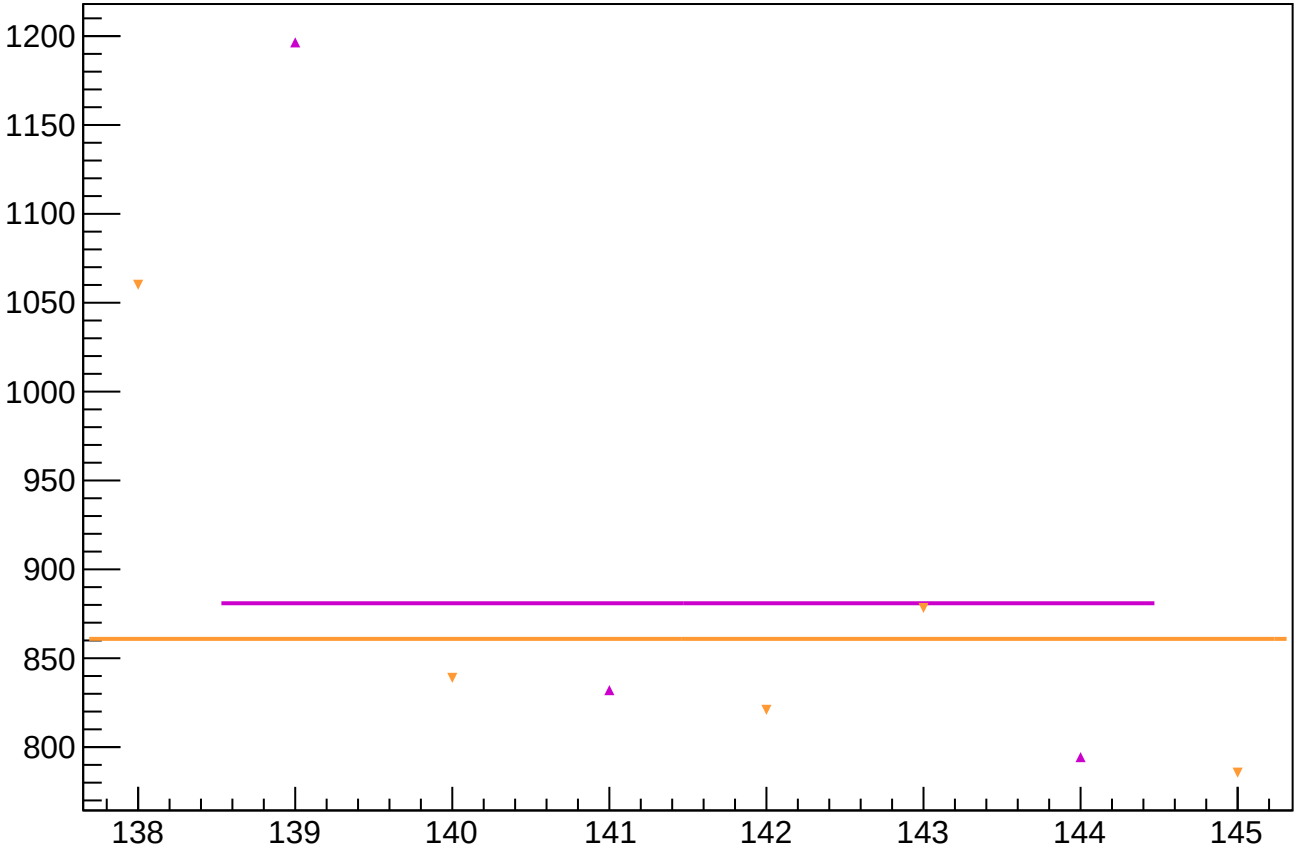
Left In: 21.607+/-566.960 χ^2/NDF:2.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -388.796+/-363.147 χ^2/NDF: 14.2/7

- 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: 860.896+/-0.334 χ^2/NDF:68163.6/4

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

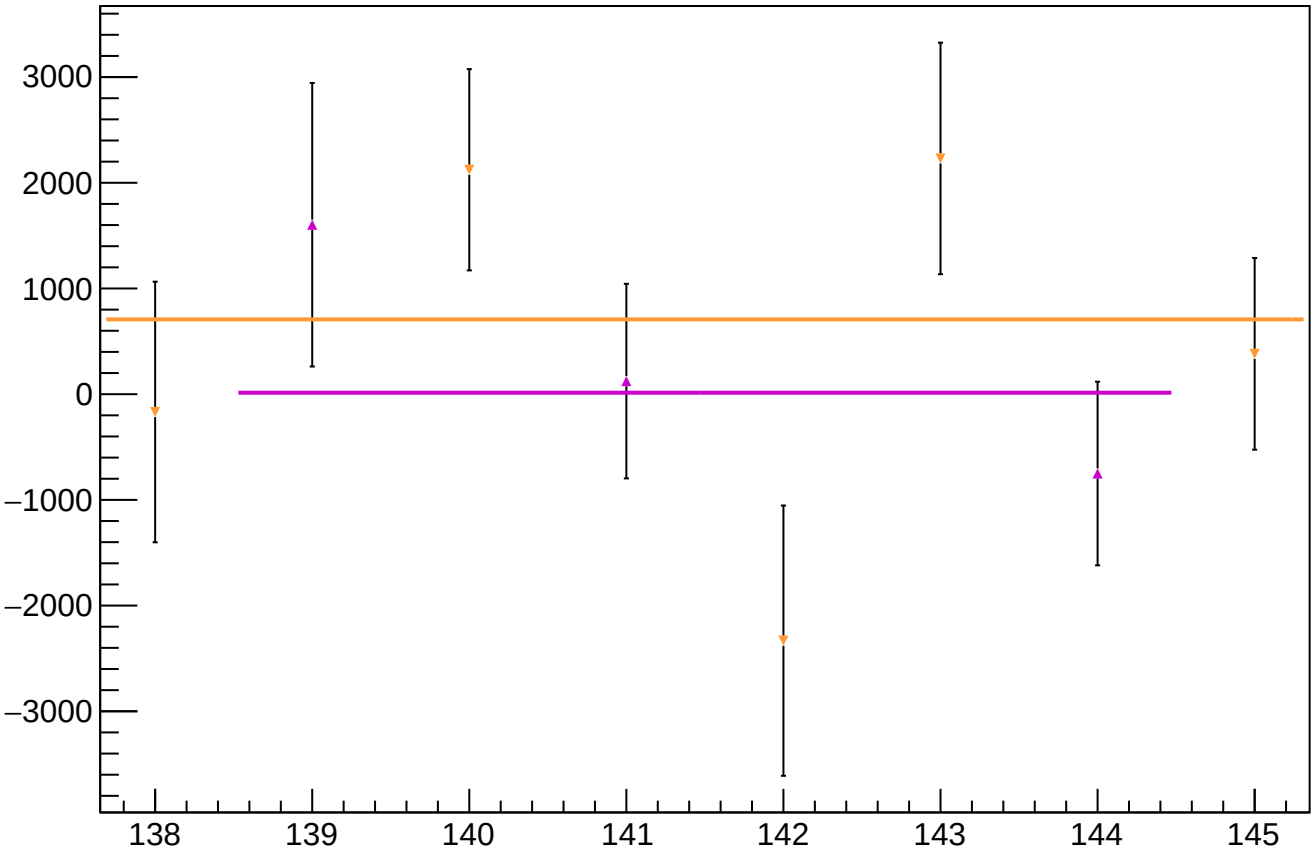
Left In: 880.929+/-0.401 χ^2/NDF:136761.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 869.115+/-0.257 χ^2/NDF: 206397.6/7

- 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: 707.445+/-475.512 χ^2/NDF:10.4/4

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

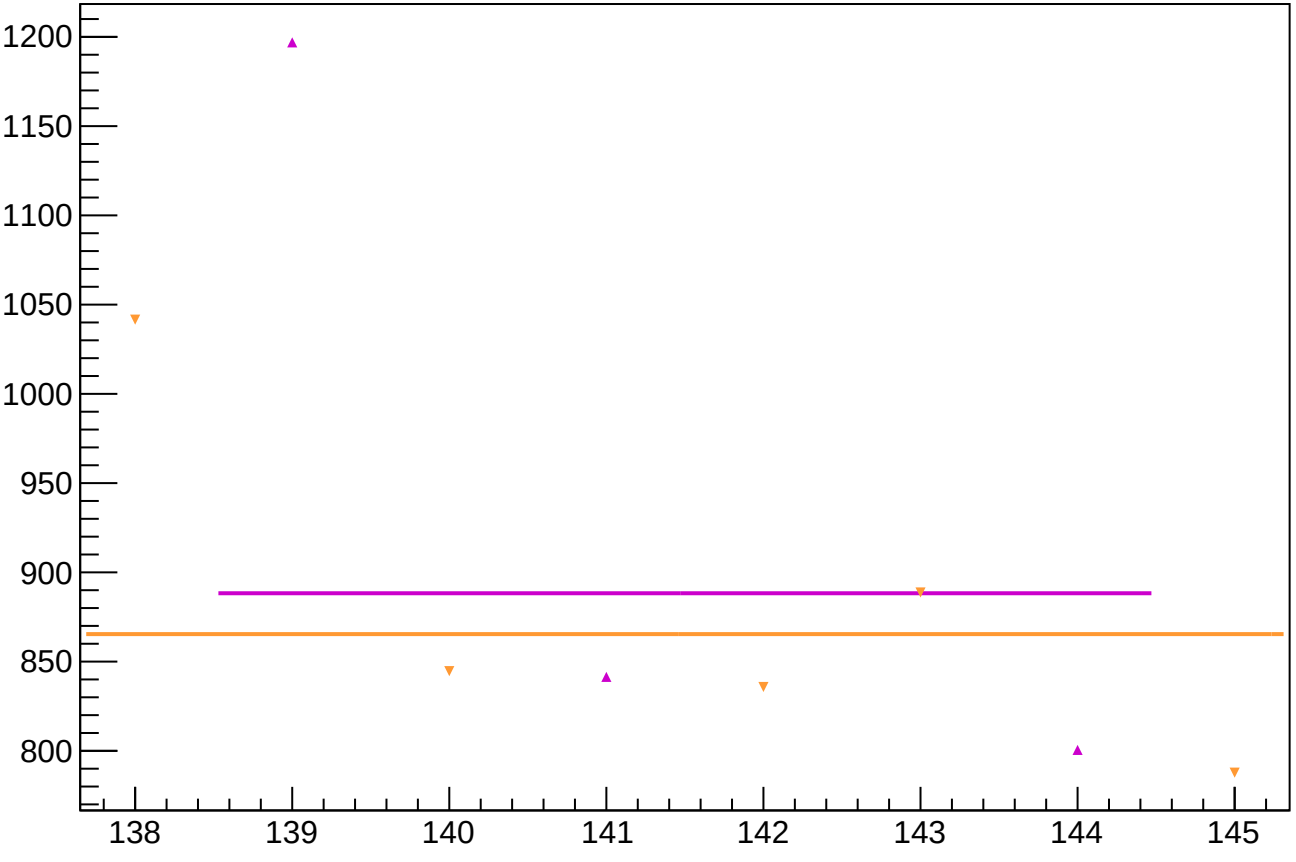
Left In: 13.947+/-571.594 χ^2/NDF:2.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 423.800+/-365.555 χ^2/NDF: 13.5/7

- 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: 865.402+/-0.336 χ^2/NDF:58435.3/4

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

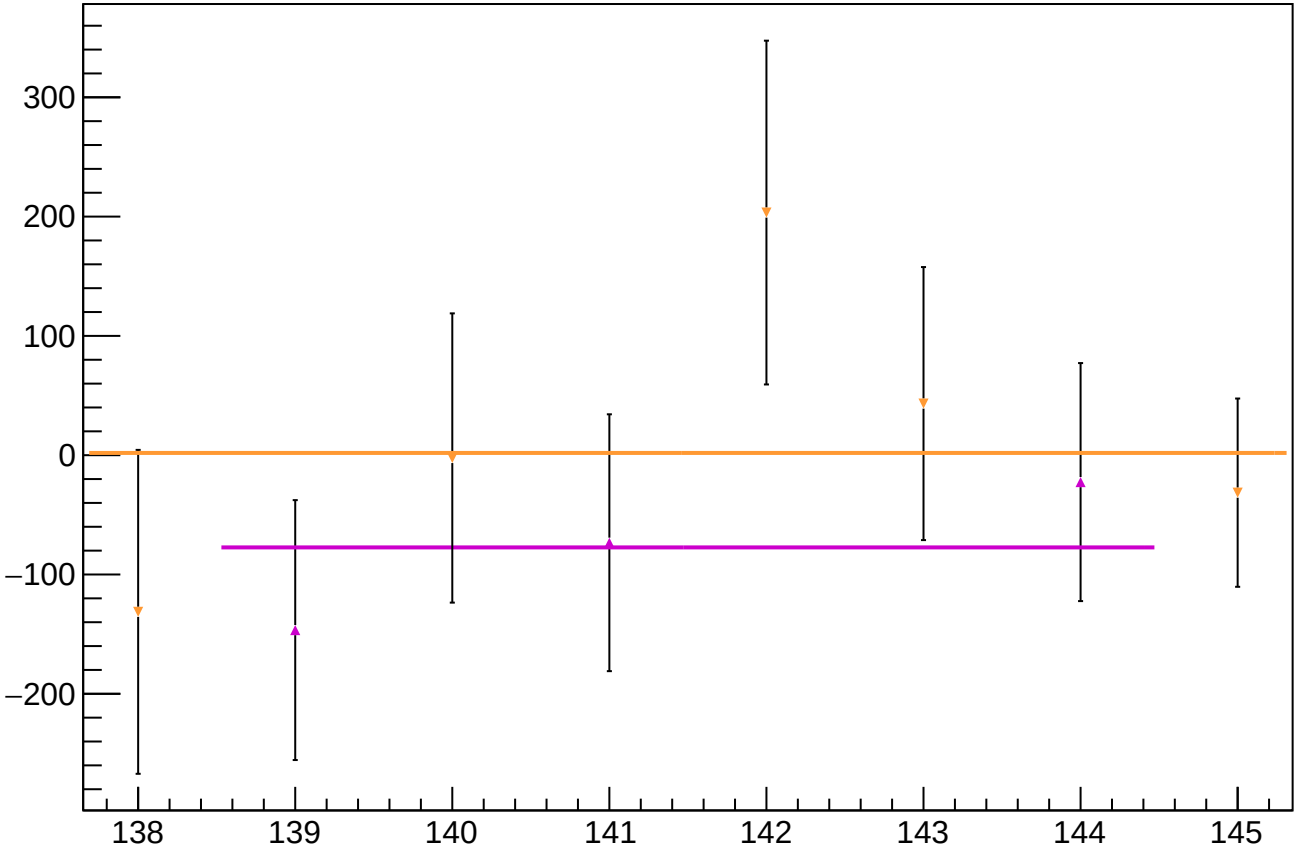
Left In: 888.290+/-0.404 χ^2/NDF:131475.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 874.764+/-0.258 χ^2/NDF: 191805.8/7

- 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: 1.895+/-49.542 χ^2/NDF:3.2/4

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

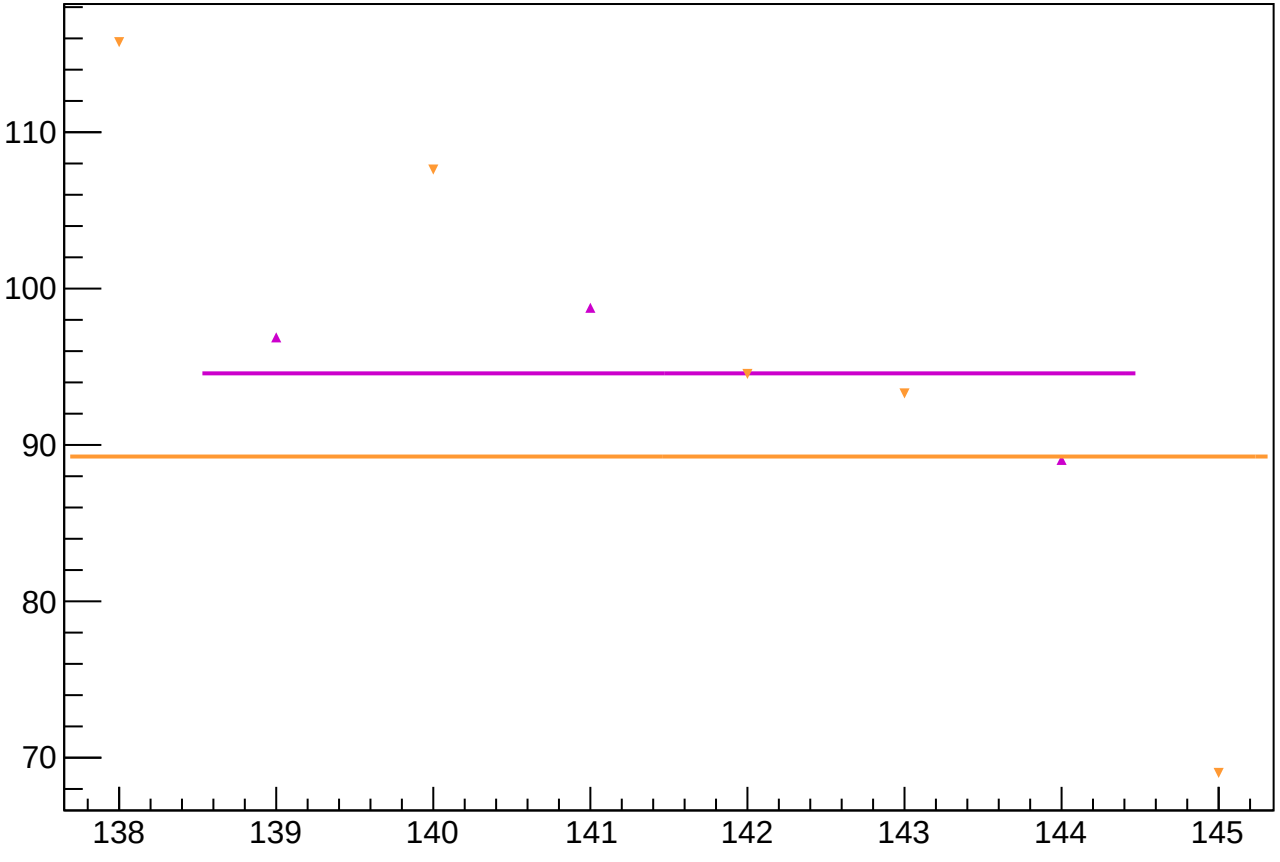
Left In: -77.294+/-60.741 χ^2/NDF:0.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -29.740+/-38.392 χ^2/NDF: 5.0/7

- 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: 89.260+/-0.035 χ^2/NDF:258704.0/4

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

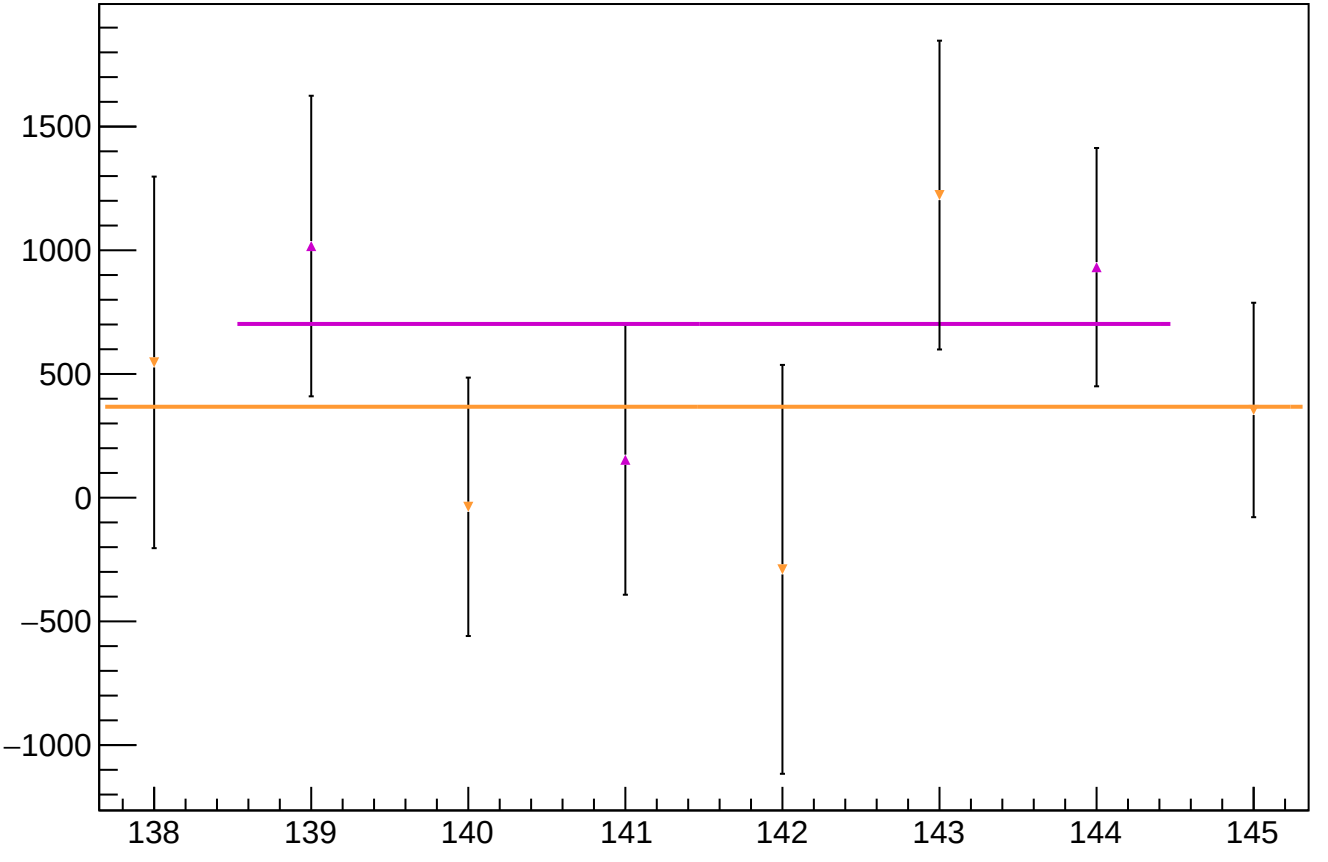
Left In: 94.579+/-0.043 χ^2/NDF:10084.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 91.385+/-0.027 χ^2/NDF: 277998.9/7

- 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: 367.559+/-259.978 χ^2/NDF:3.2/4

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

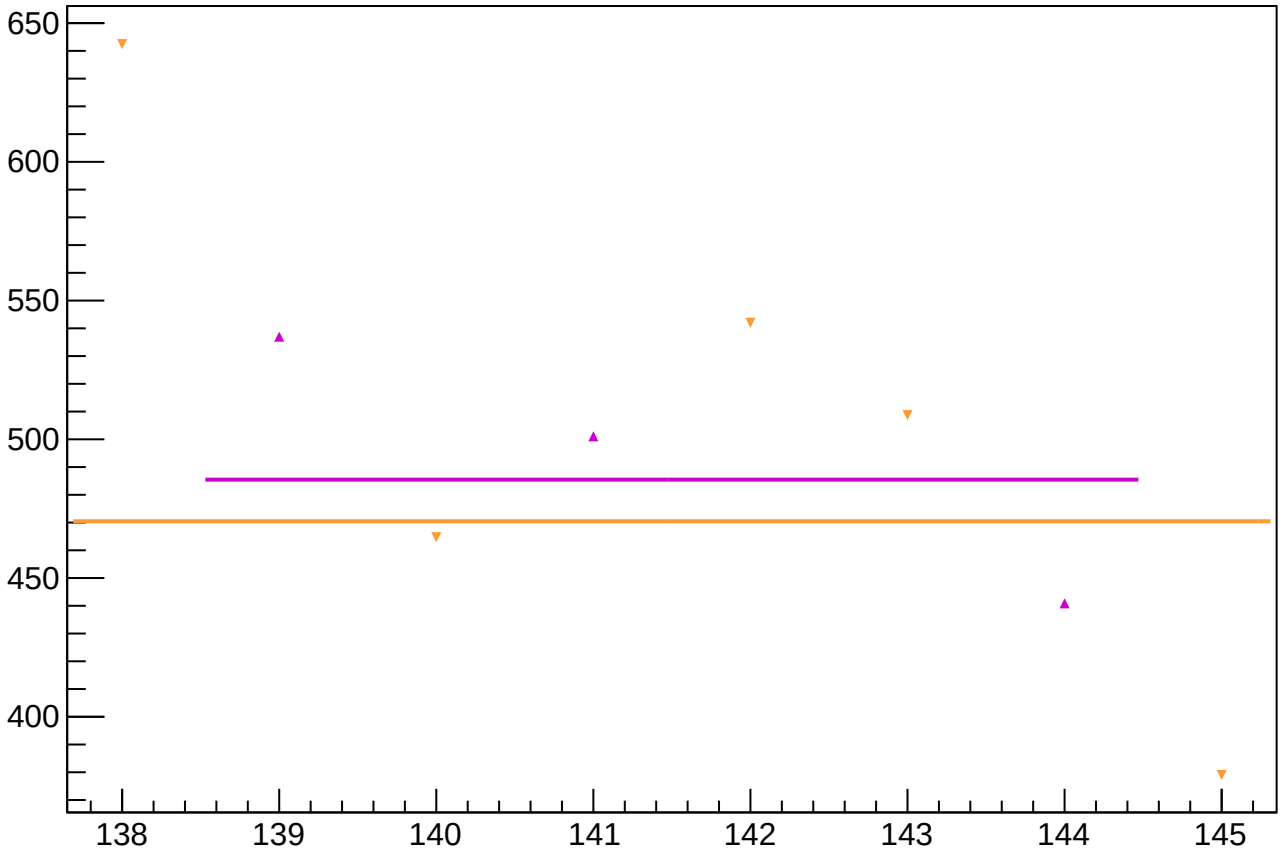
Left In: 702.257+/-310.414 χ^2/NDF:1.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 505.543+/-199.310 χ^2/NDF: 5.4/7

- 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: 470.463+/-0.184 χ^2/NDF:216633.7/4

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

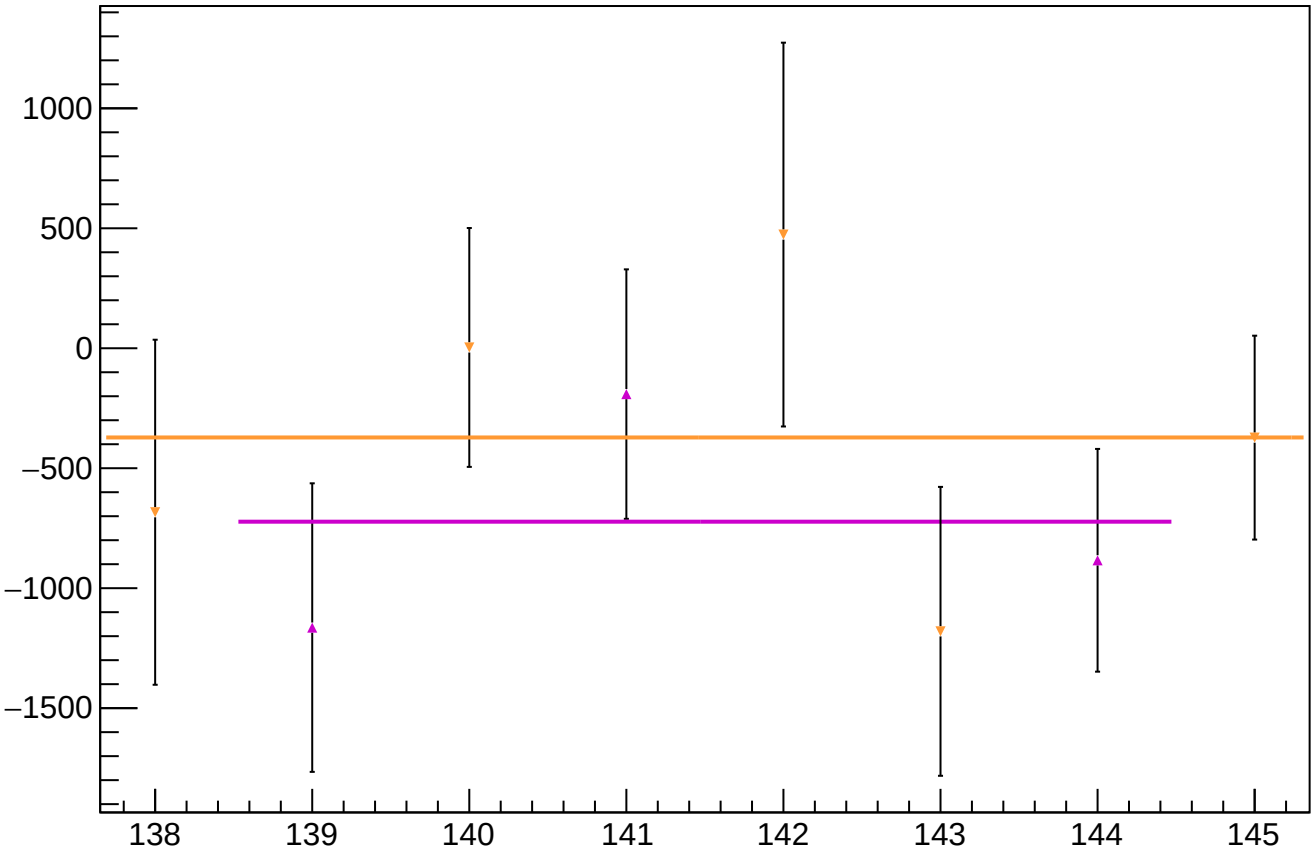
Left In: 485.466+/-0.219 χ^2/NDF:33168.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 476.648+/-0.141 χ^2/NDF: 252548.1/7

- 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: -371.820+/-251.325 χ^2/NDF:3.7/4

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

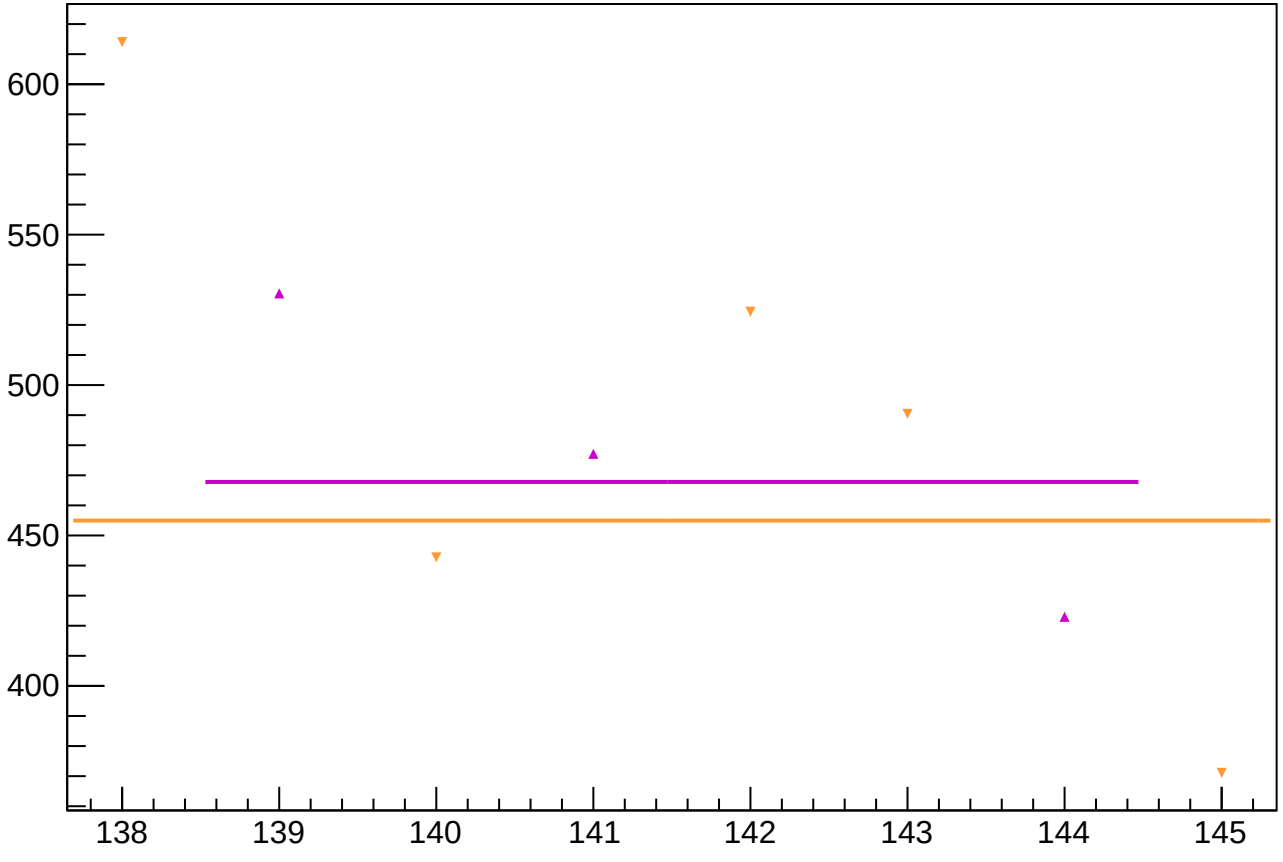
Left In: -722.828+/-300.054 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -516.544+/-192.669 χ^2/NDF: 6.2/7

- 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: 454.954+/-0.178 χ^2/NDF:198985.4/4

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

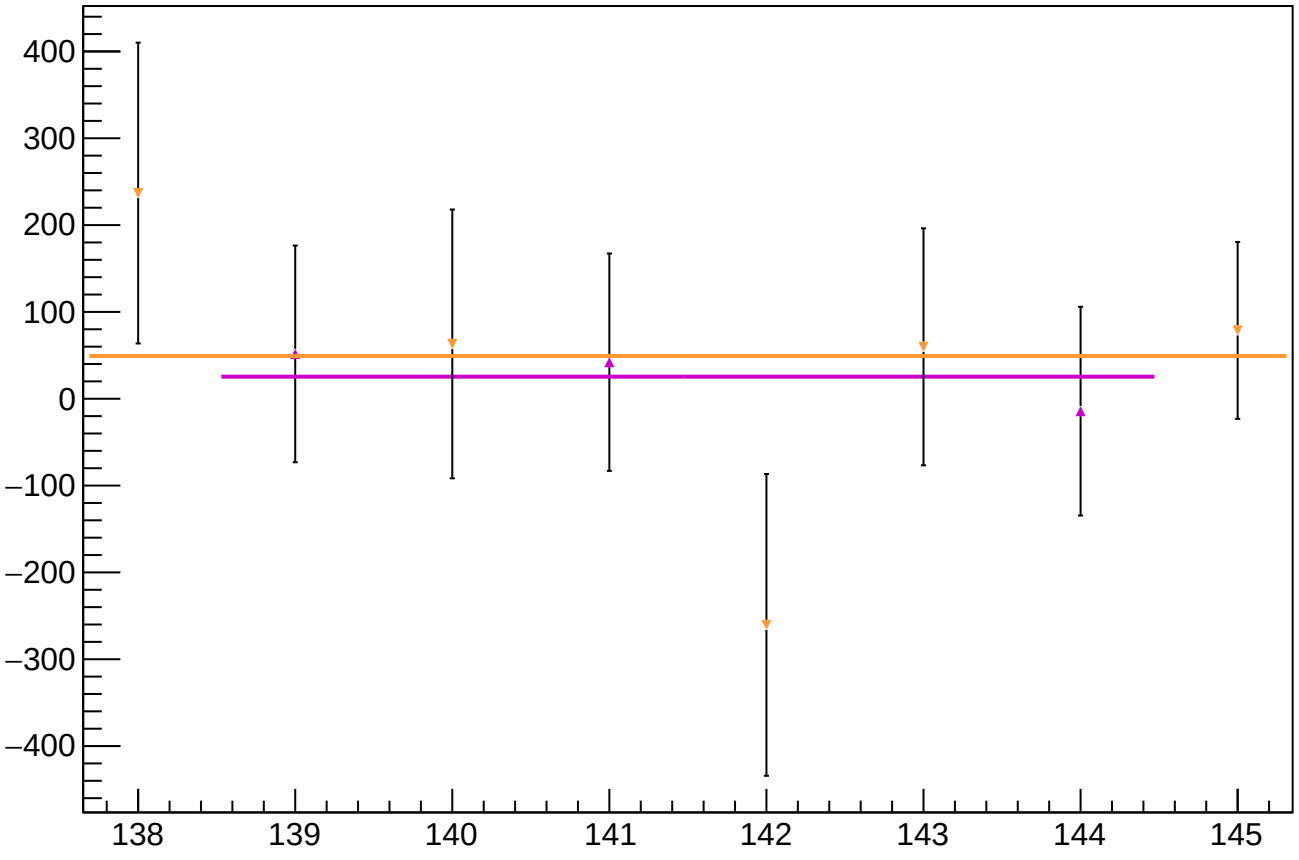
Left In: 467.793+/-0.212 χ^2/NDF:41021.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 460.247+/-0.136 χ^2/NDF: 242159.3/7

- 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: 49.207+/-62.227 χ^2/NDF:4.4/4

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

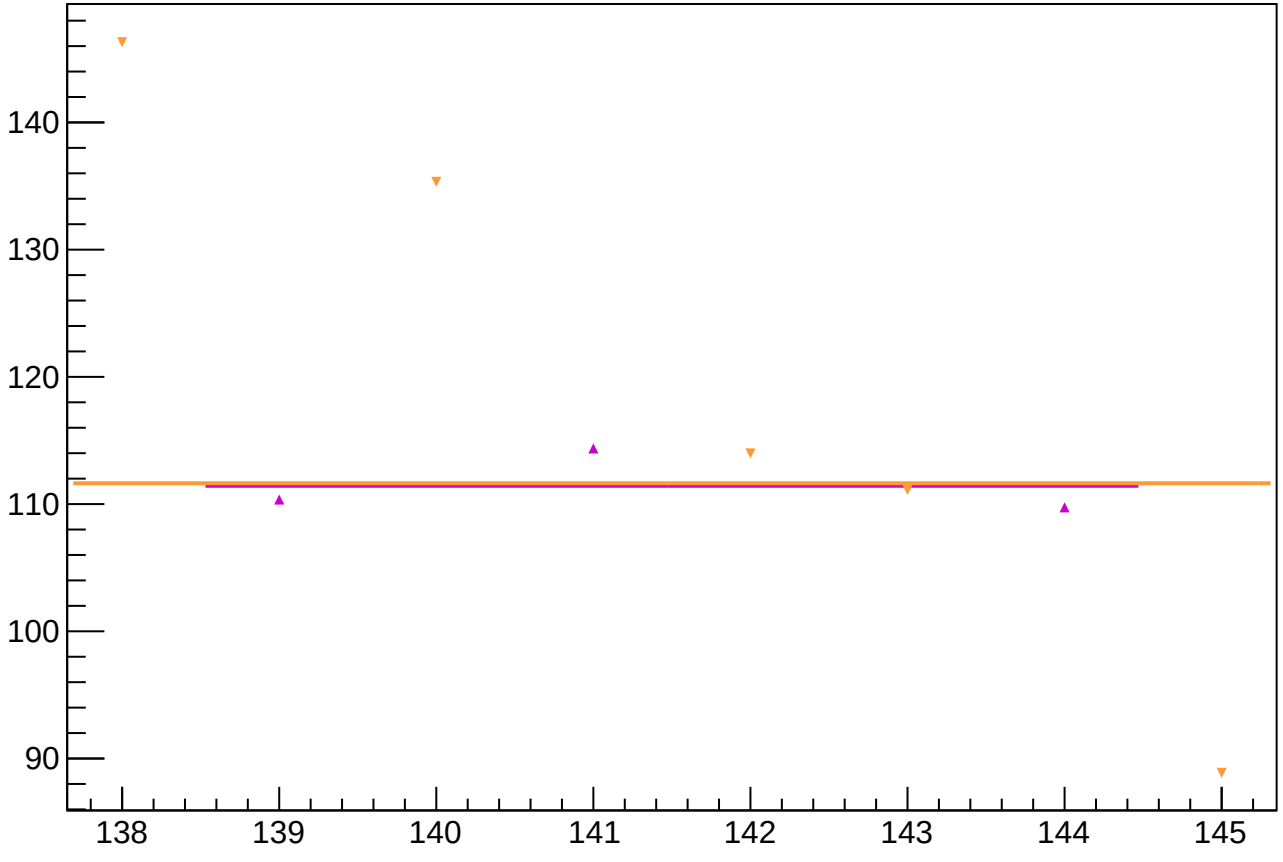
Left In: 25.432+/-71.199 χ^2/NDF:0.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 38.911+/-46.854 χ^2/NDF: 4.7/7

- 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: 111.636+/-0.044 χ^2/NDF:227278.1/4

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

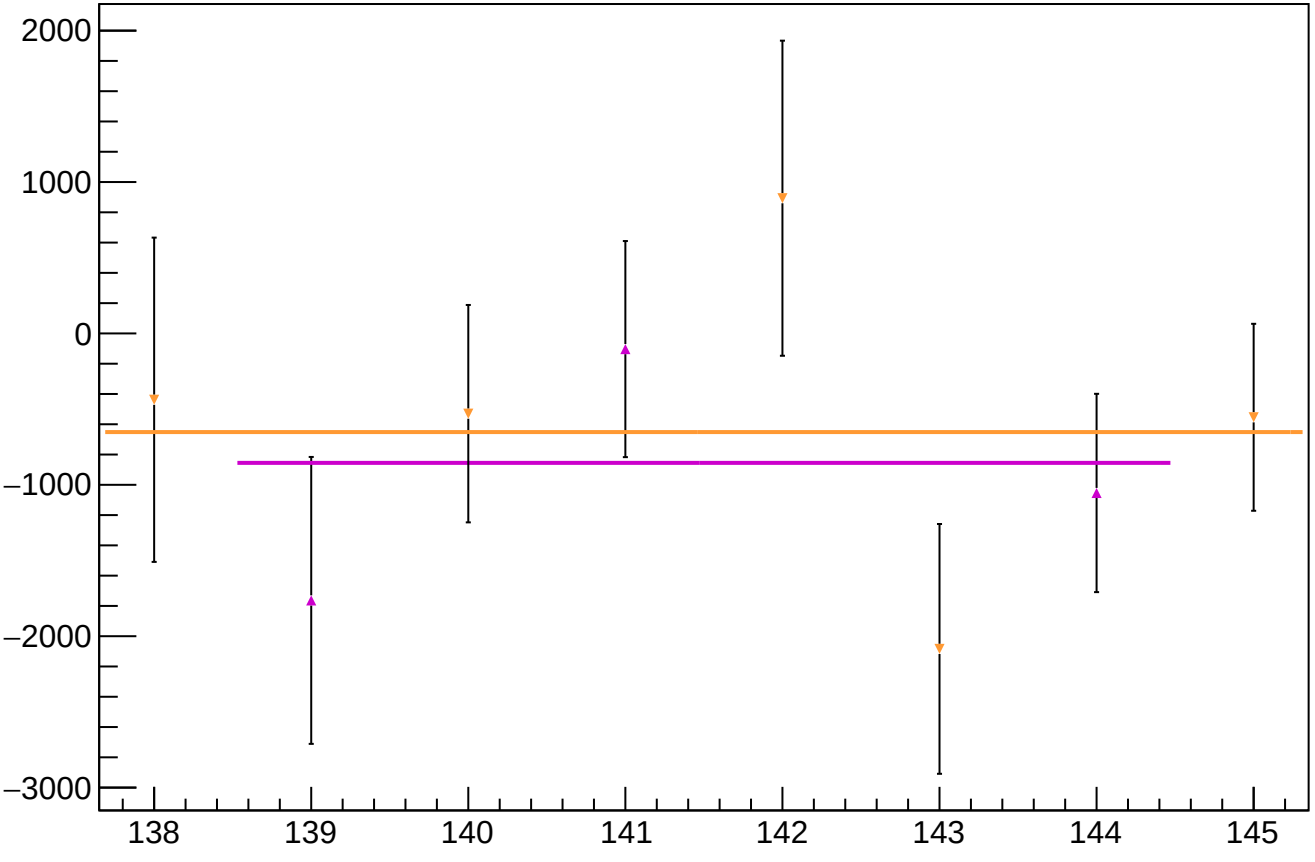
Left In: 111.442+/-0.050 χ^2/NDF:1647.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 111.552+/-0.033 χ^2/NDF: 228934.0/7

- 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: -651.613+/-357.440 χ^2/NDF:5.3/4

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

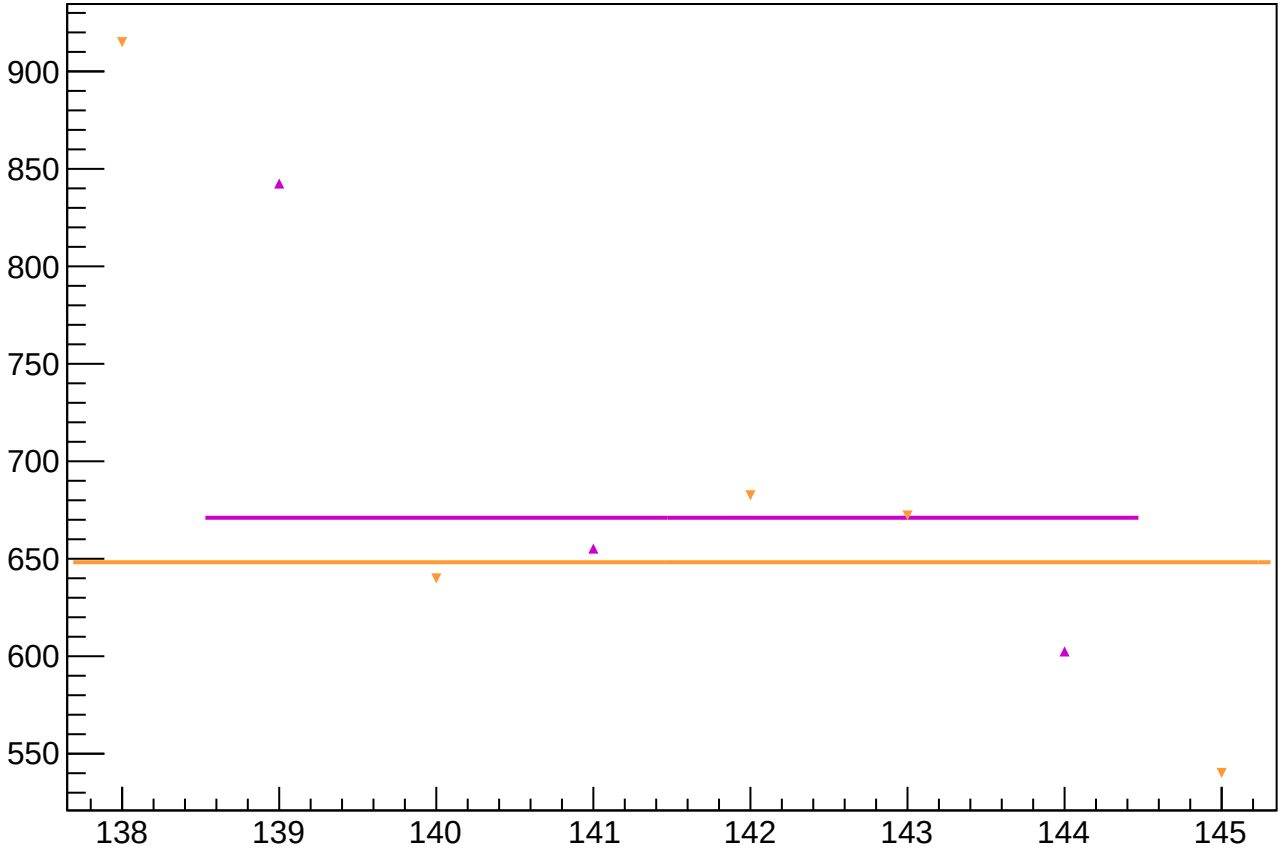
Left In: -855.023+/-430.015 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -734.729+/-274.878 χ^2/NDF: 7.6/7

- 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: 648.210+/-0.253 χ^2/NDF:189521.1/4

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

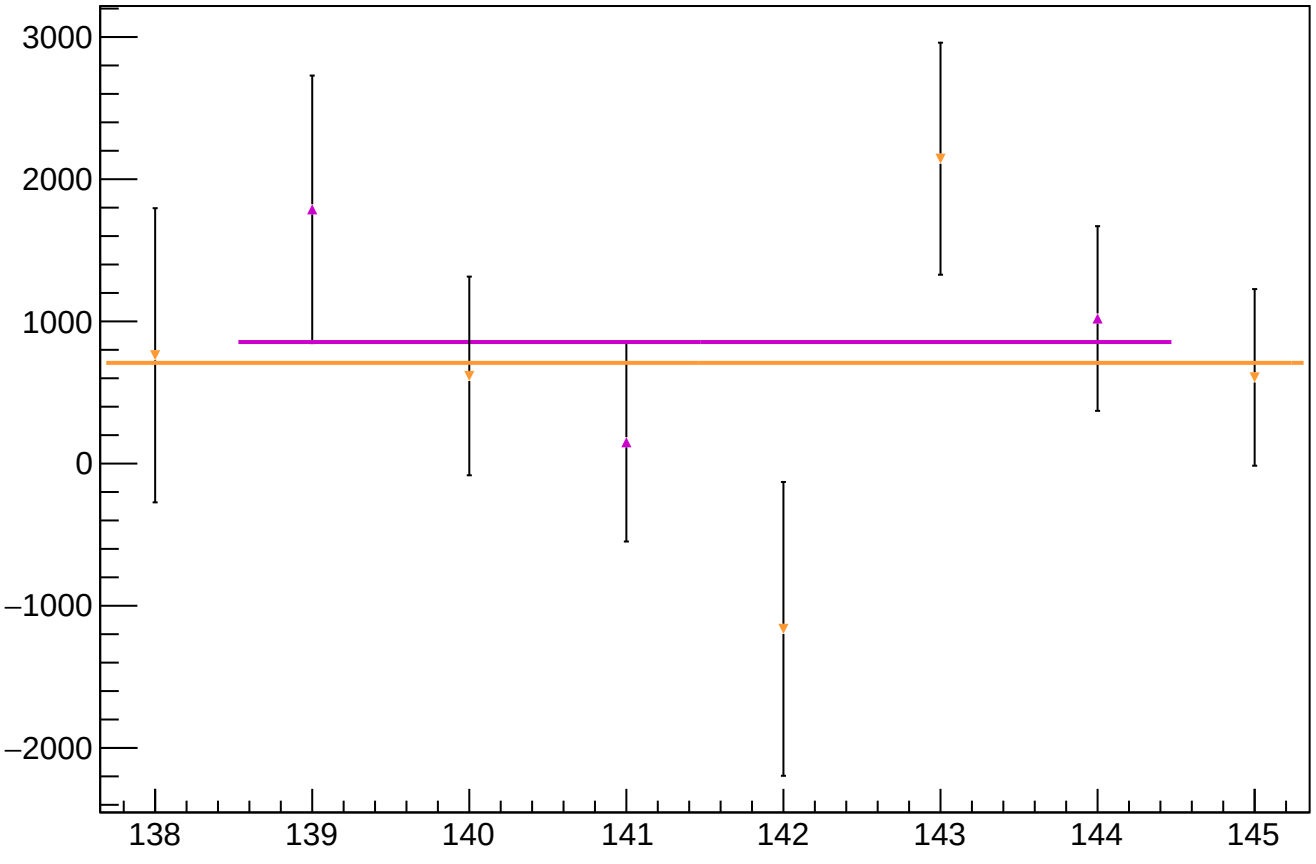
Left In: 671.043+/-0.304 χ^2/NDF:88377.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 657.540+/-0.194 χ^2/NDF: 281233.0/7

- 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: 708.373+/-353.263 χ^2/NDF:6.4/4

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

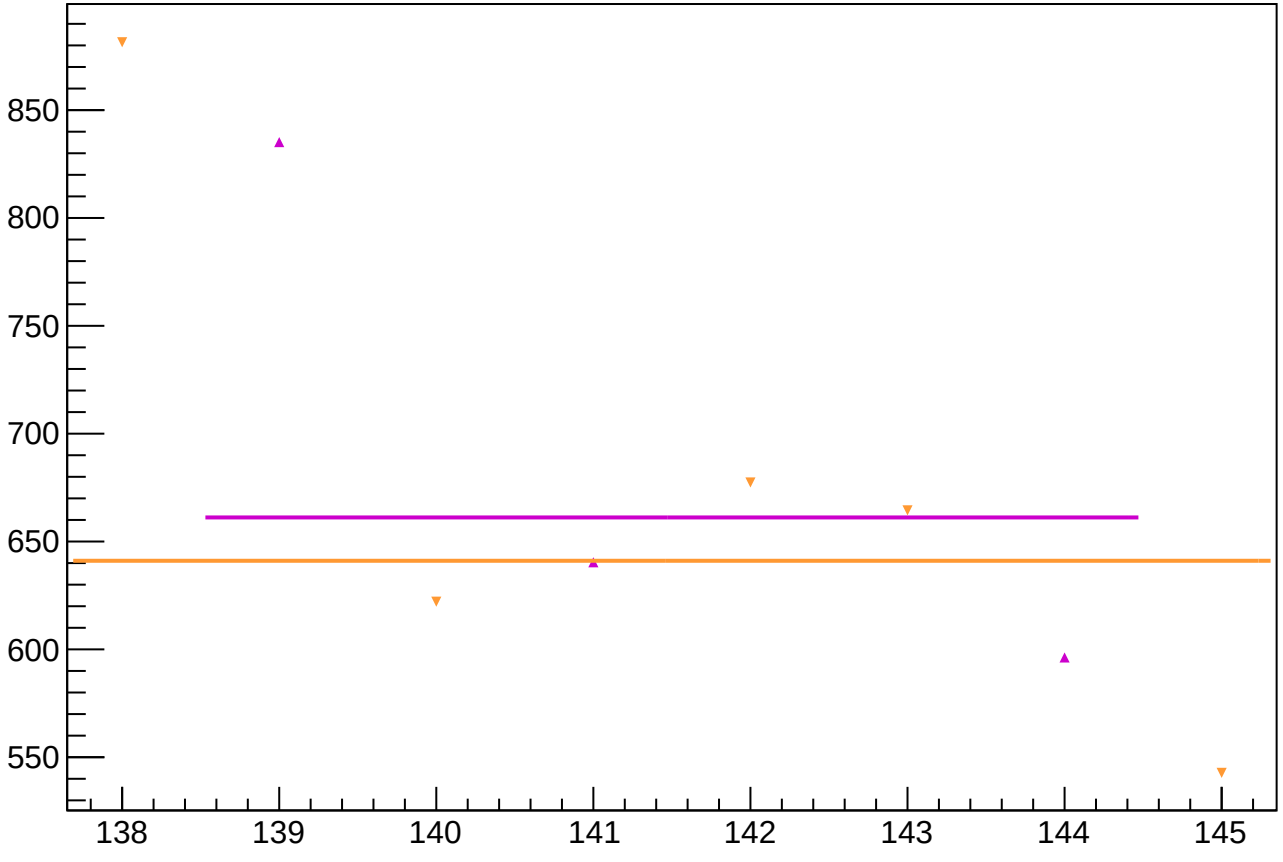
Left In: 854.828+/-424.369 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 768.320+/-271.503 χ^2/NDF: 8.6/7

- 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: 641.075+/-0.250 χ^2/NDF:163686.0/4

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

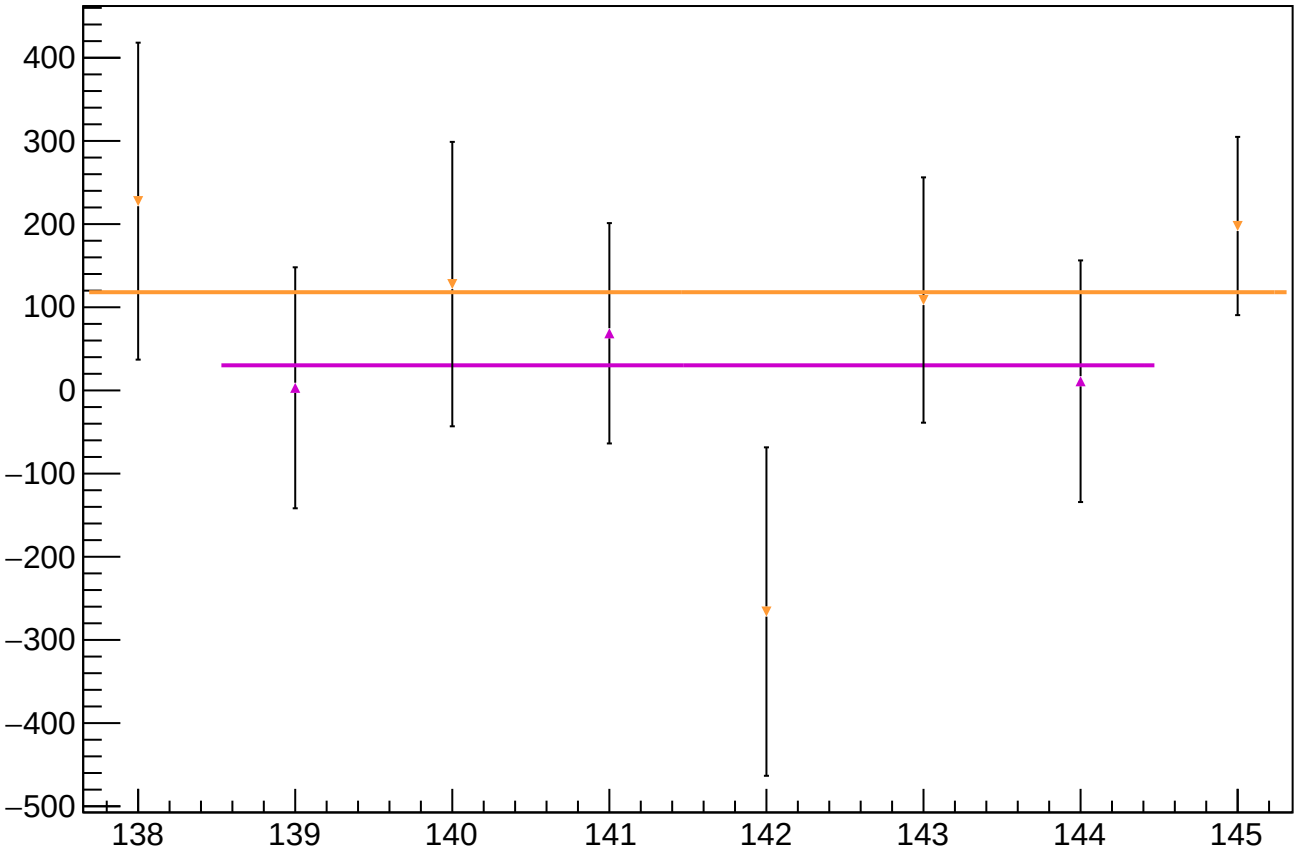
Left In: 661.162+/-0.300 χ^2/NDF:90166.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 649.297+/-0.192 χ^2/NDF: 256499.4/7

- 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: 118.112+/-67.354 χ^2/NDF:4.7/4

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

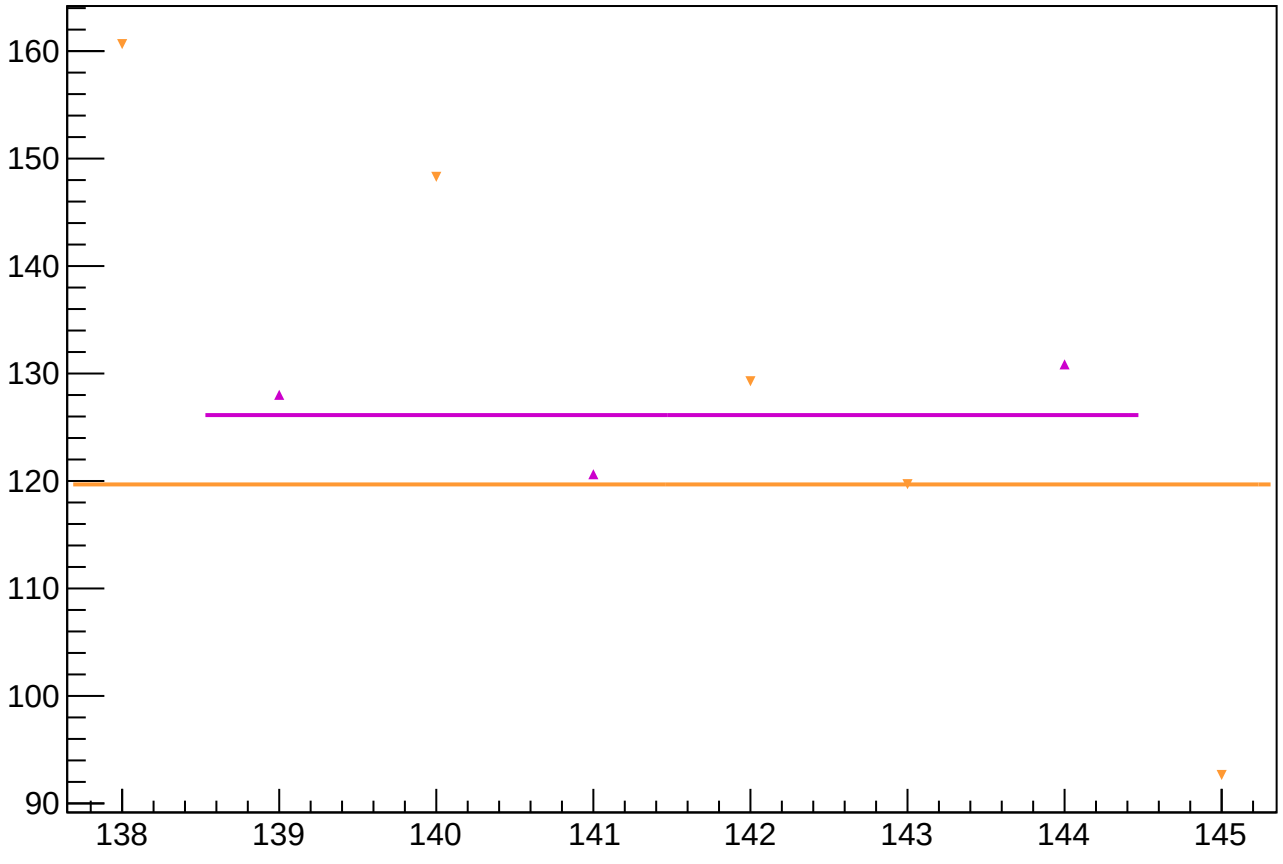
Left In: 30.205+/-81.112 χ^2/NDF:0.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 82.235+/-51.818 χ^2/NDF: 5.5/7

- 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: 119.681+/-0.048 χ^2/NDF:280503.6/4

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

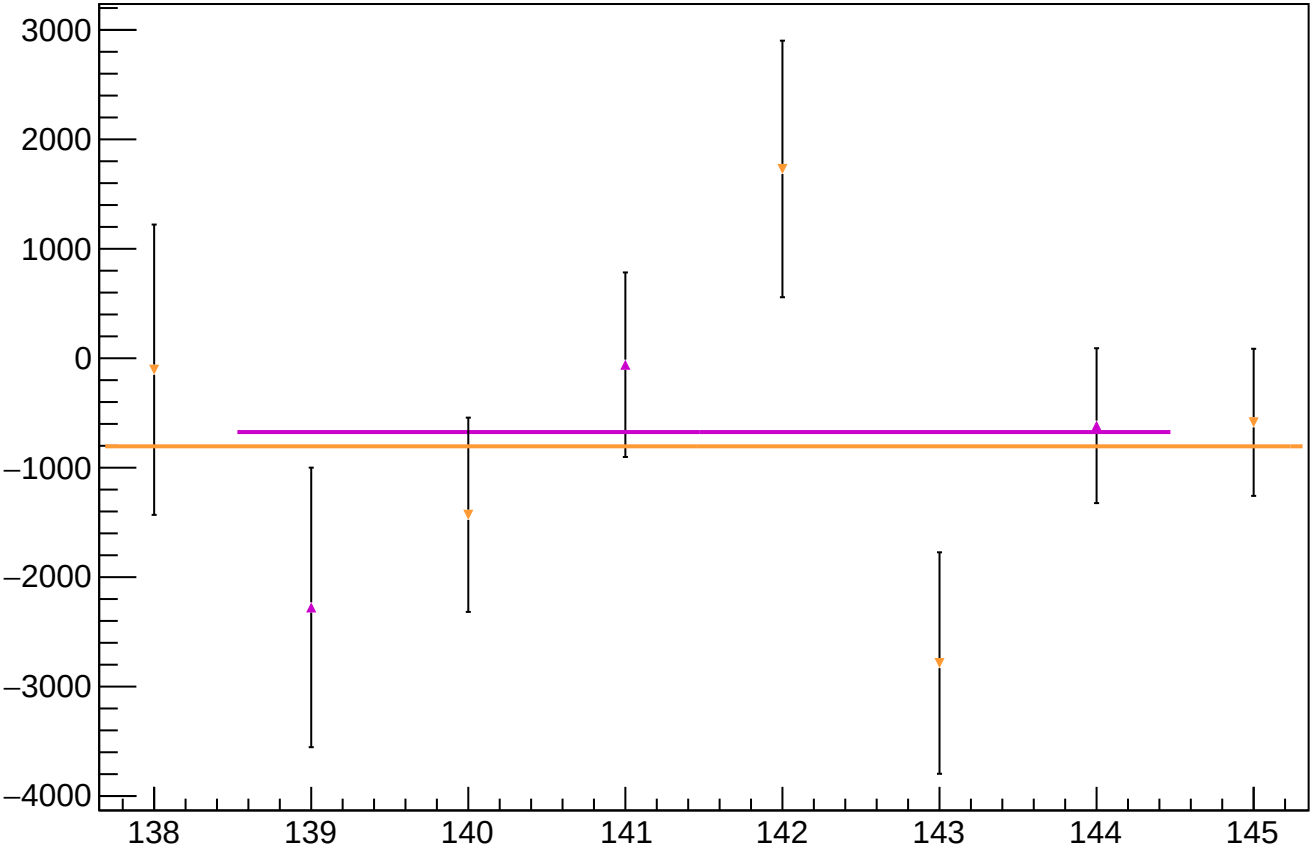
Left In: 126.133+/-0.057 χ^2/NDF:5899.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 122.314+/-0.037 χ^2/NDF: 293893.7/7

- 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: -804.742+/-416.798 χ^2/NDF:9.4/4

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

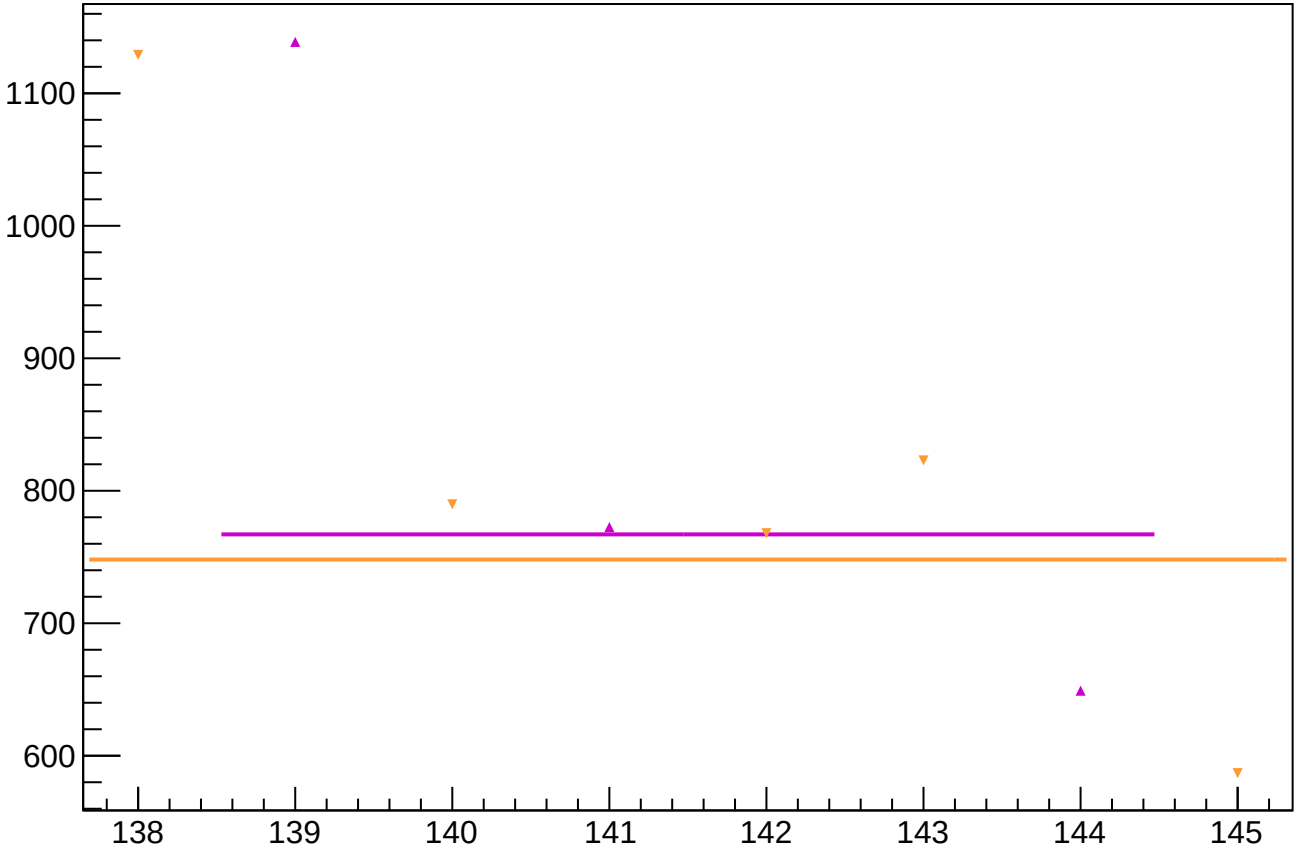
Left In: -674.392+/-498.921 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -751.164+/-319.868 χ^2/NDF: 11.5/7

- 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: 748.092+/-0.295 χ^2/NDF:295975.4/4

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

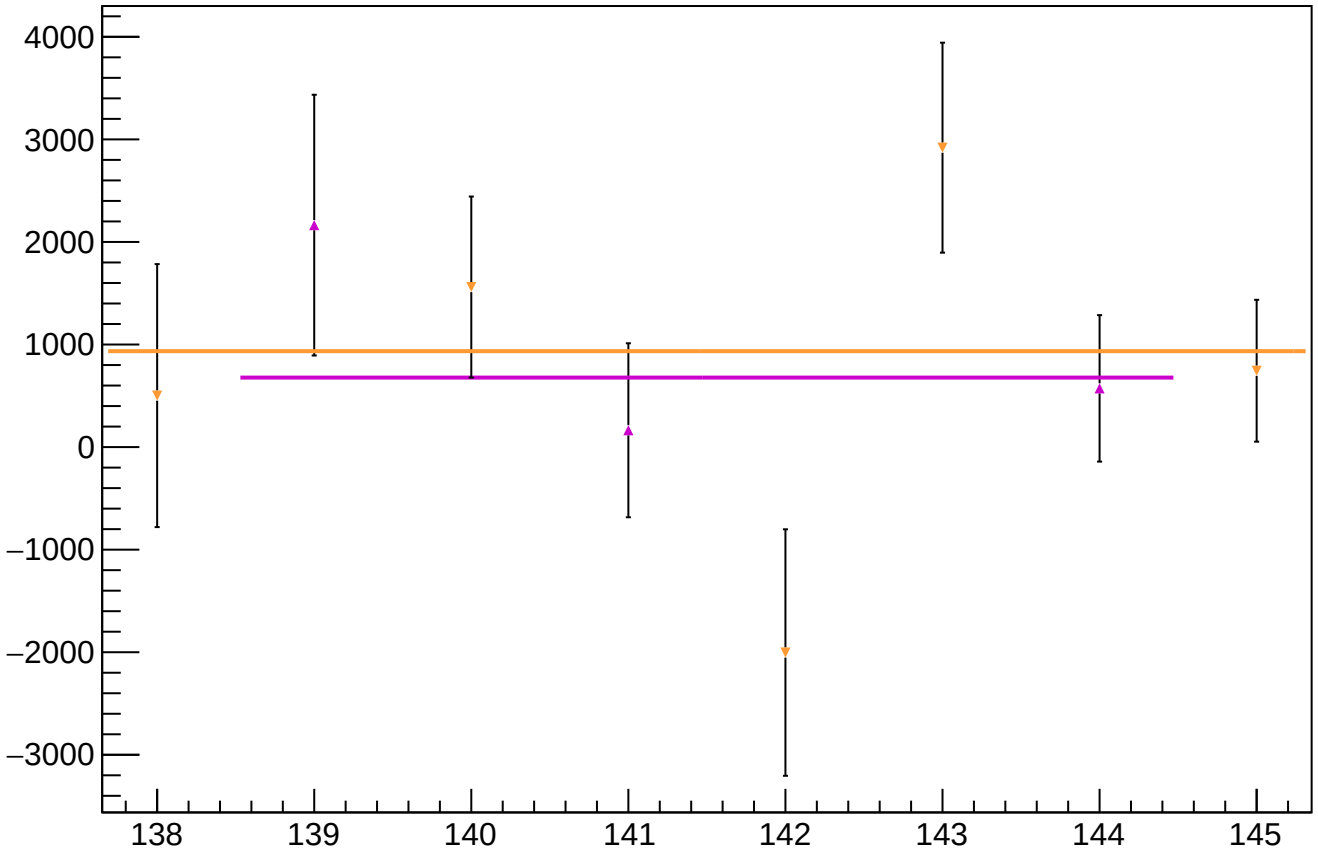
Left In: 767.093+/-0.353 χ^2/NDF:225148.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 755.902+/-0.226 χ^2/NDF: 522832.1/7

- 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: 935.027+/-421.419 χ^2/NDF:10.4/4

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

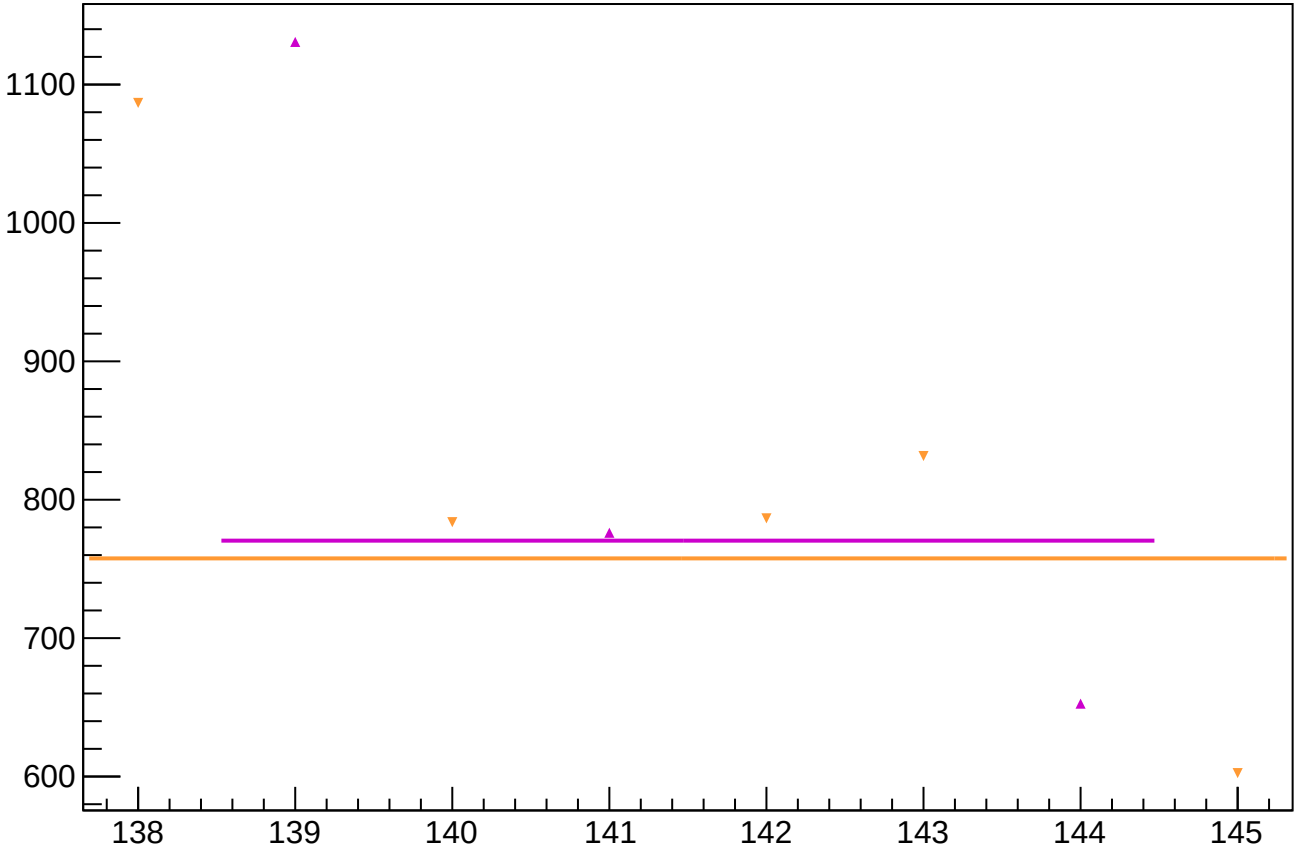
Left In: 677.613+/-501.866 χ^2/NDF:1.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 828.580+/-322.730 χ^2/NDF: 12.3/7

- 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: 757.616+/-0.298 χ^2/NDF:245853.5/4

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

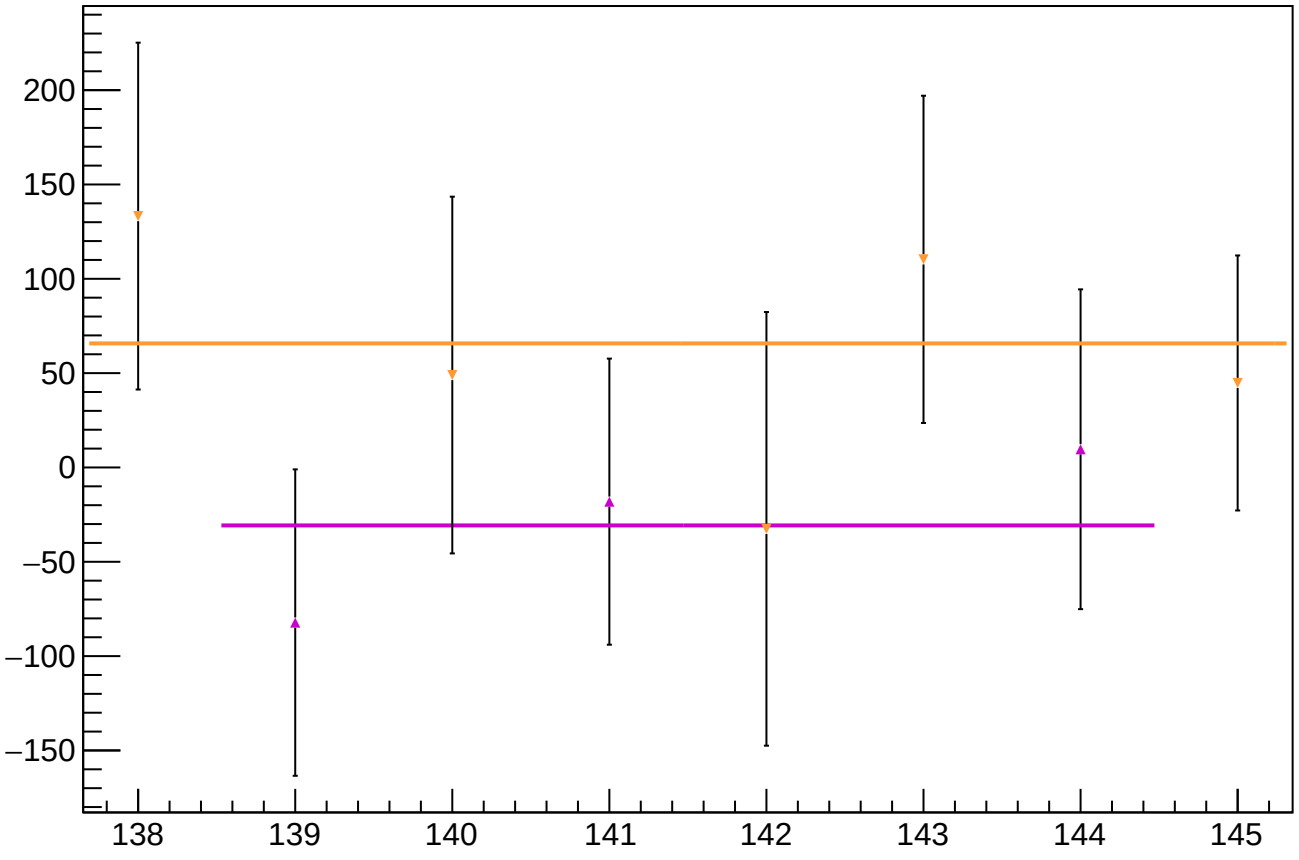
Left In: 770.440+/-0.355 χ^2/NDF:215261.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 762.919+/-0.228 χ^2/NDF: 461880.5/7

- 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: 65.757+/-38.991 χ^2/NDF:1.7/4

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

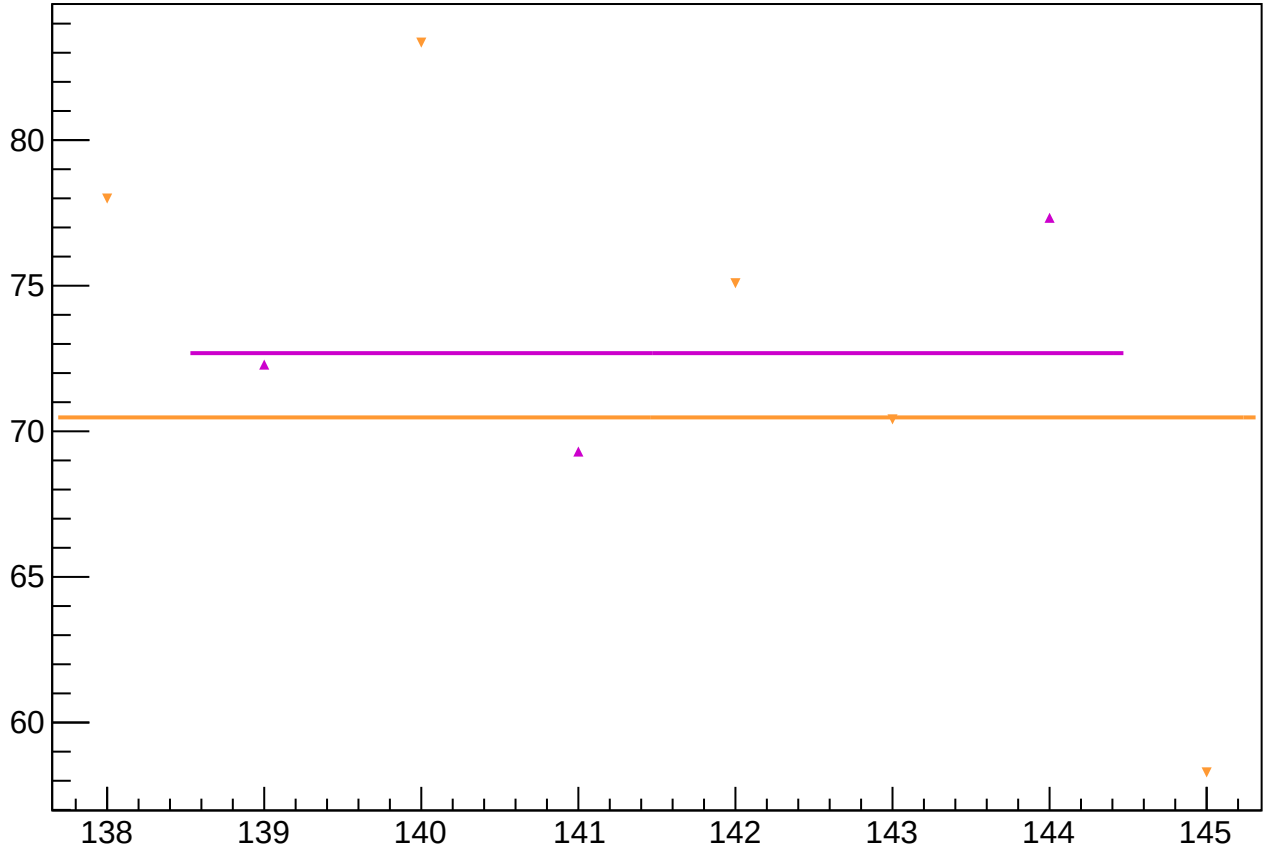
Left In: -30.720+/-46.387 χ^2/NDF:0.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 25.813+/-29.847 χ^2/NDF: 4.9/7

- 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: 70.478+/-0.028 χ^2/NDF:118707.4/4

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

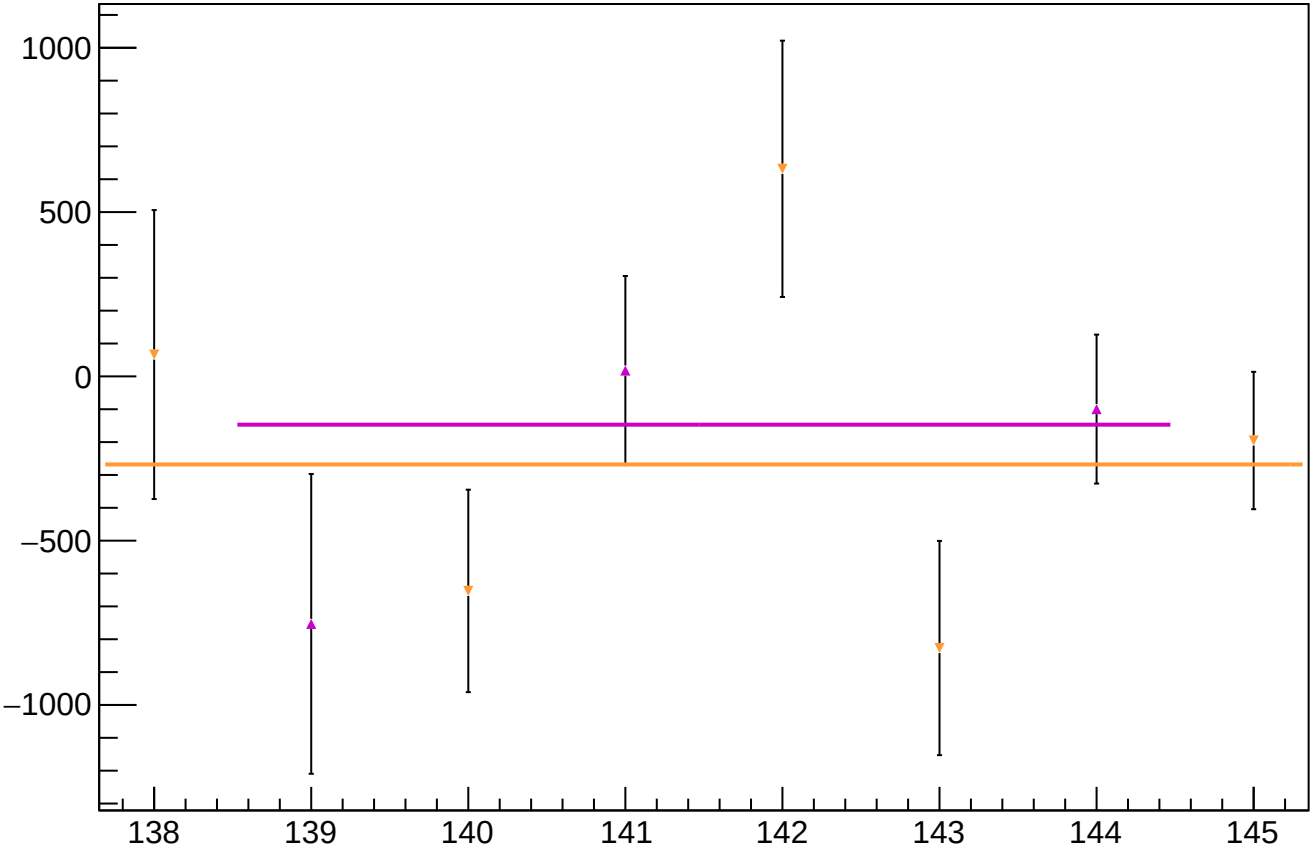
Left In: 72.684+/-0.033 χ^2/NDF:10033.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 71.391+/-0.021 χ^2/NDF: 131393.3/7

- 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: -267.995+/-135.353 χ^2/NDF:10.5/4

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

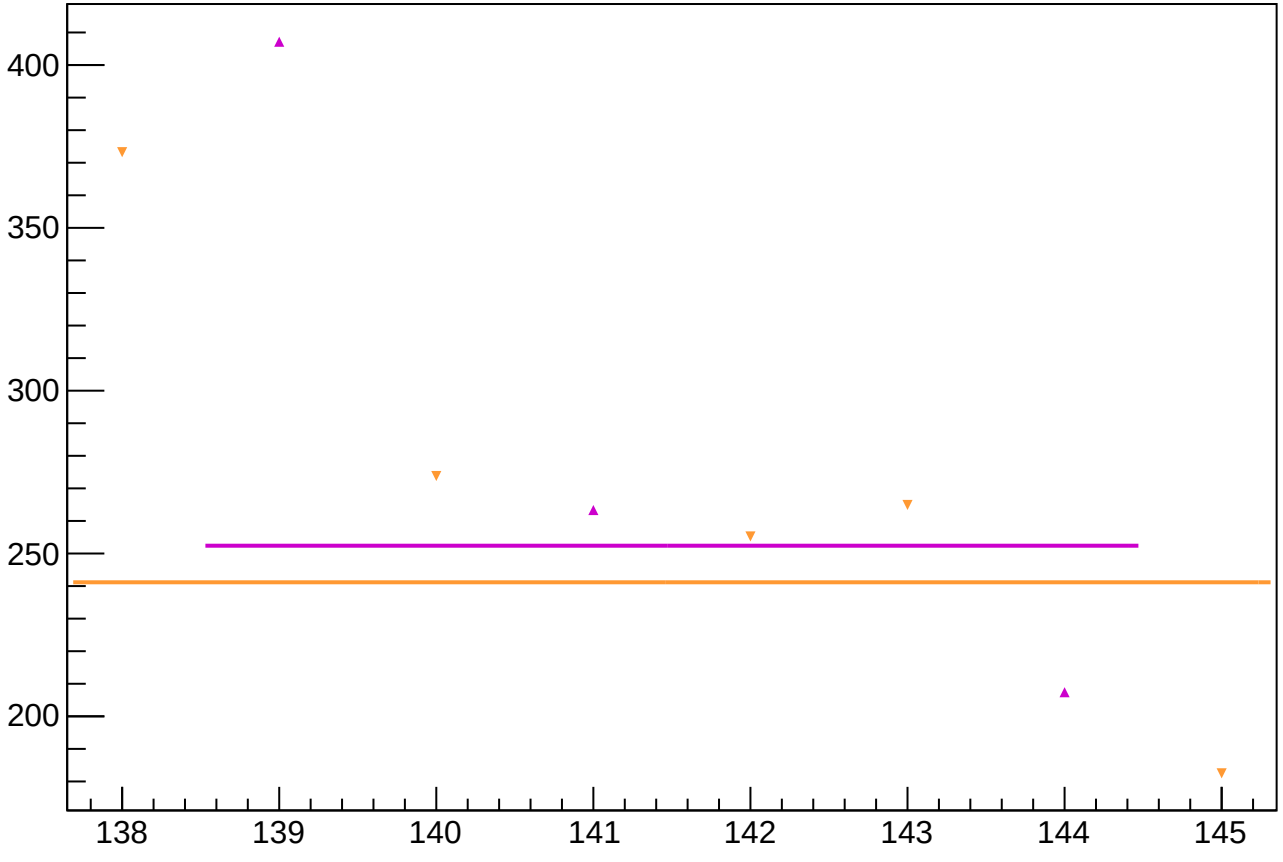
Left In: -146.960+/-165.866 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -219.614+/-104.867 χ^2/NDF: 13.0/7

- 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: 241.162+/-0.096 χ^2/NDF:373646.7/4

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

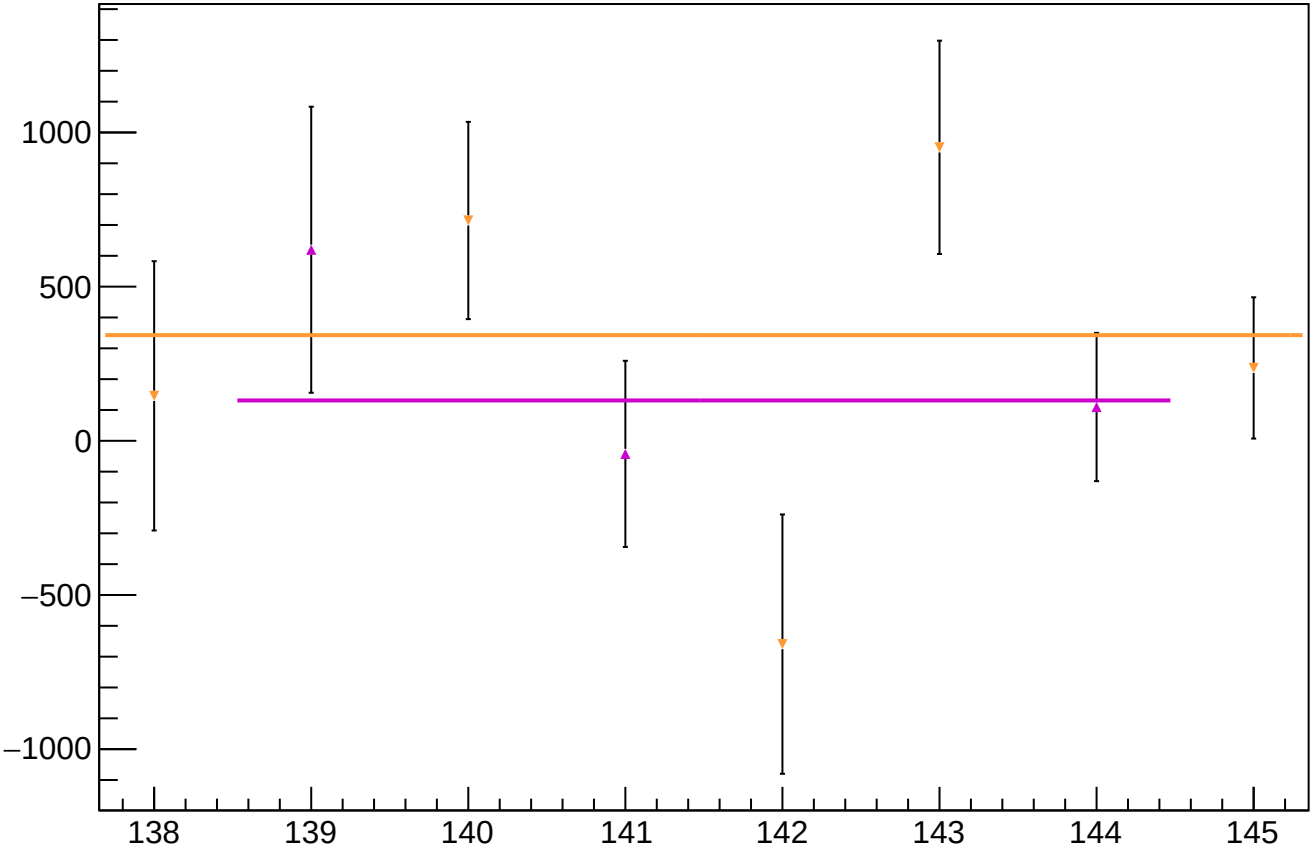
Left In: 252.395+/-0.117 χ^2/NDF:311834.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 245.652+/-0.074 χ^2/NDF: 690987.8/7

- 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: 342.707+/-144.213 χ^2/NDF:10.5/4

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

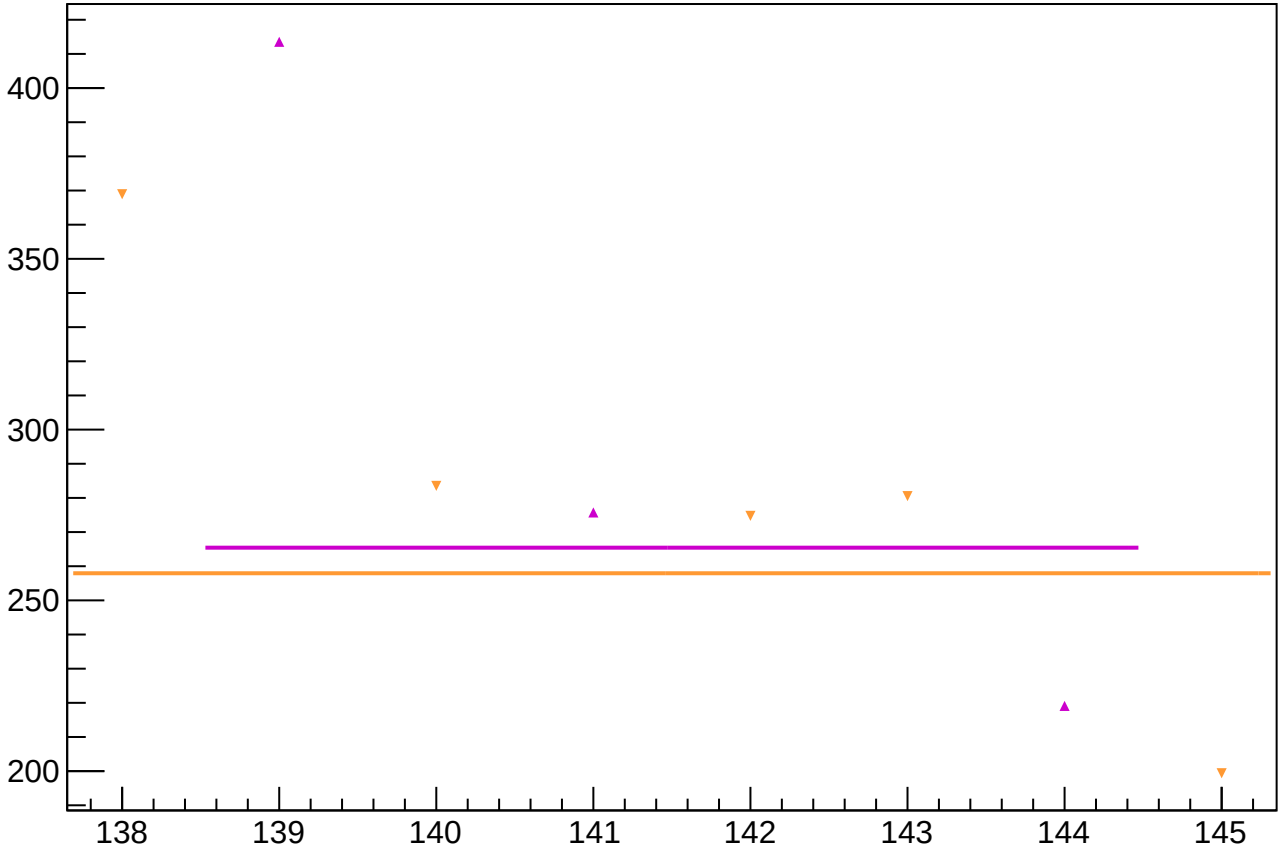
Left In: 130.942+/-174.269 χ^2/NDF:1.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 256.633+/-111.104 χ^2/NDF: 12.9/7

- 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: 257.941+/-0.102 χ^2/NDF:284357.7/4

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

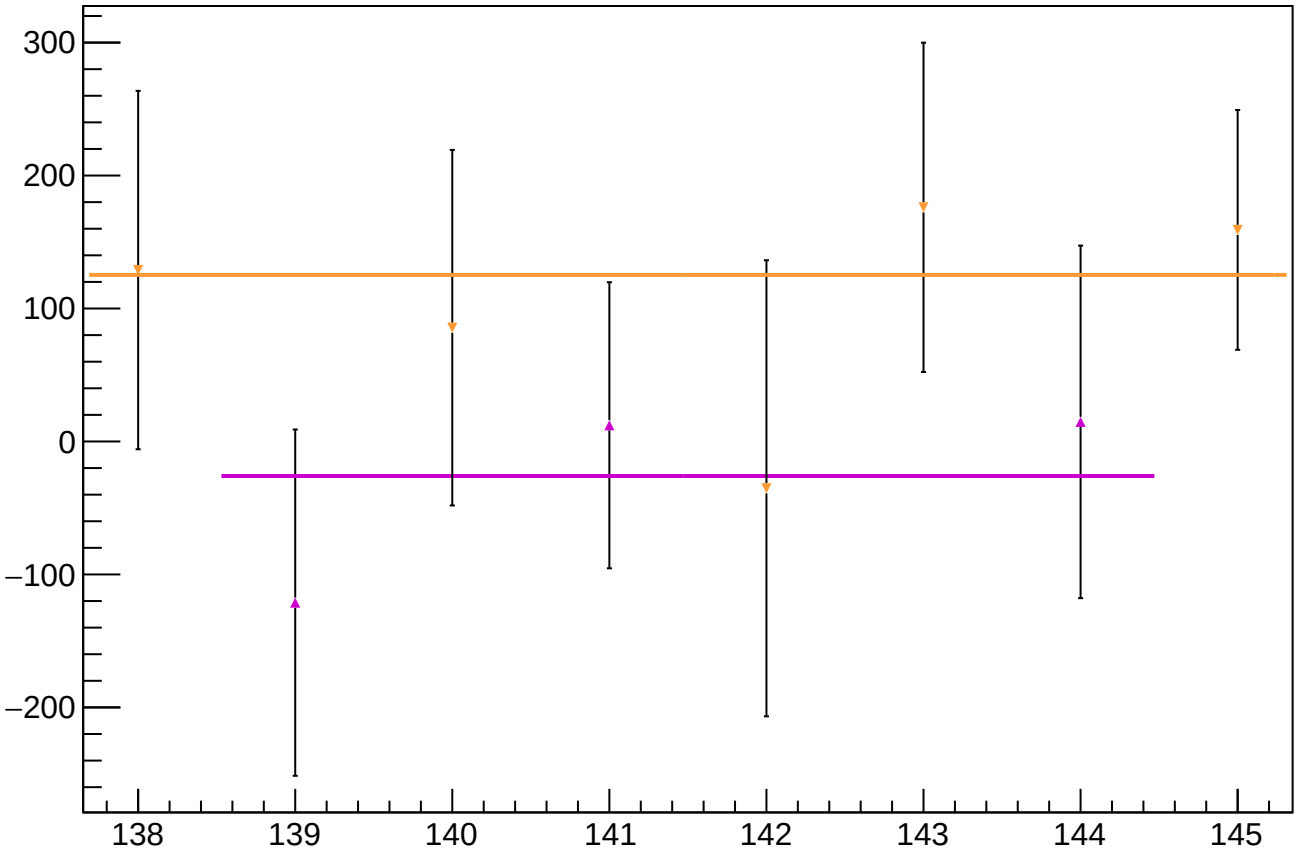
Left In: 265.430+/-0.123 χ^2/NDF:280541.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 260.985+/-0.079 χ^2/NDF: 567091.1/7

- 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: 125.277+/-54.785 χ^2/NDF:1.3/4

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

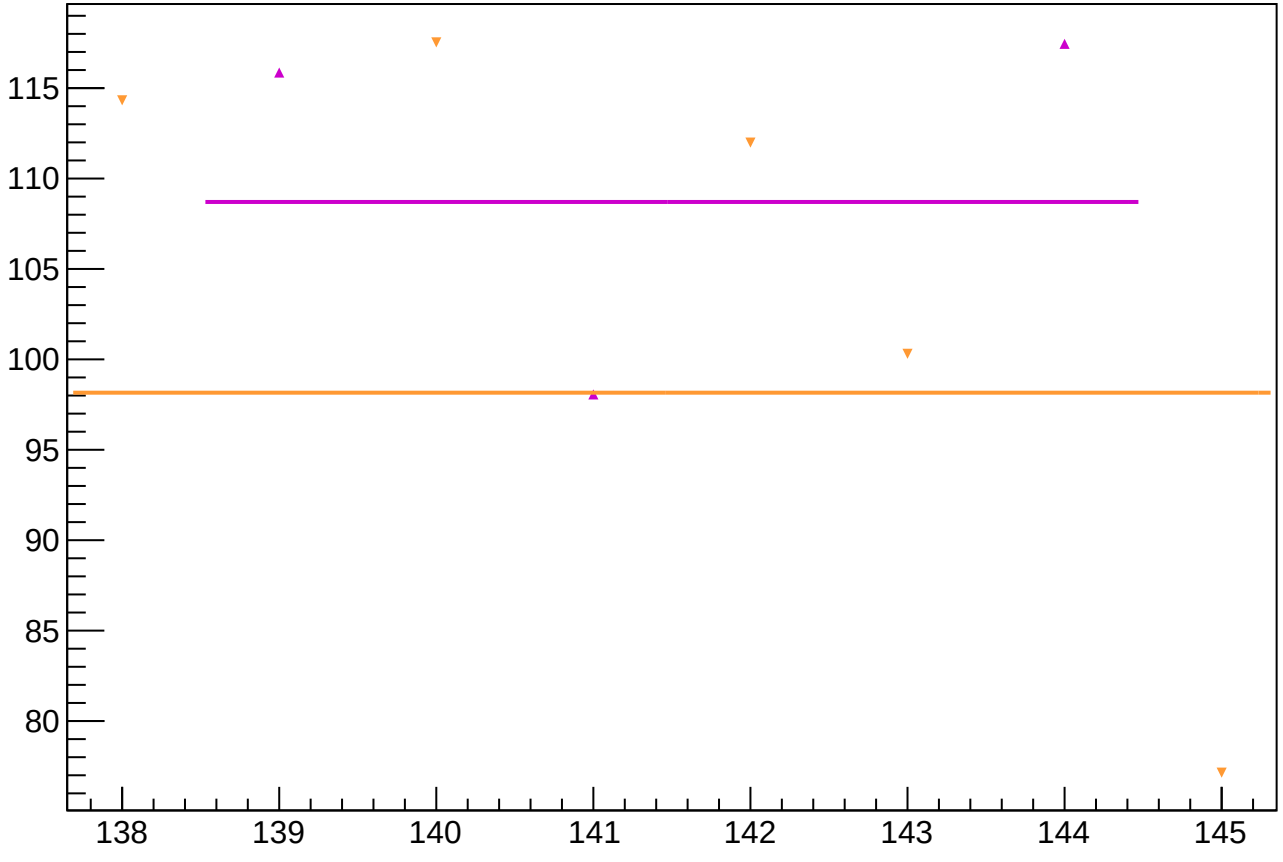
Left In: -25.980+/-70.316 χ^2/NDF:0.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 68.142+/-43.217 χ^2/NDF: 4.9/7

- 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: 98.158+/-0.039 χ^2/NDF:192966.6/4

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

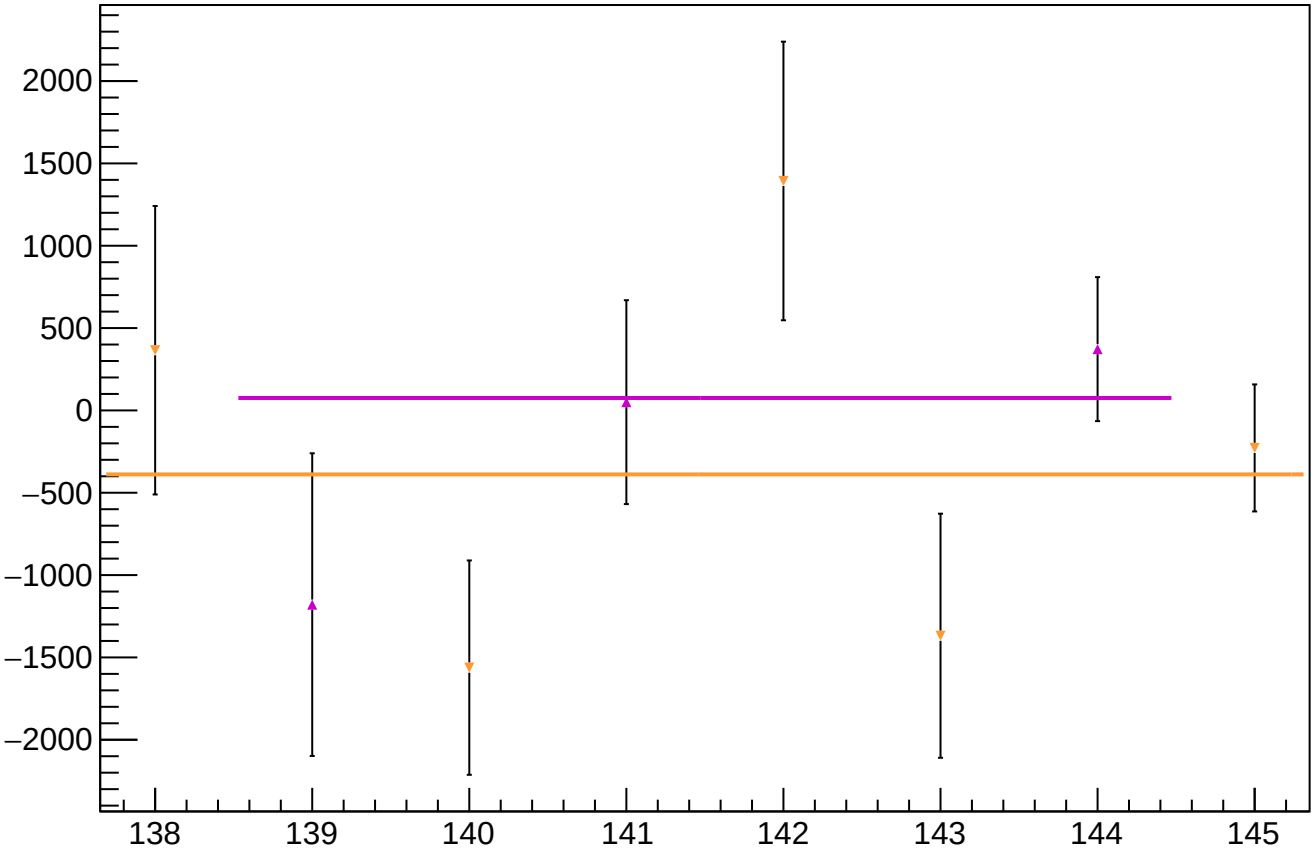
Left In: 108.705+/-0.050 χ^2/NDF:34313.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 102.142+/-0.031 χ^2/NDF: 255278.9/7

- 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: -388.602+/-271.101 χ^2/NDF:10.3/4

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

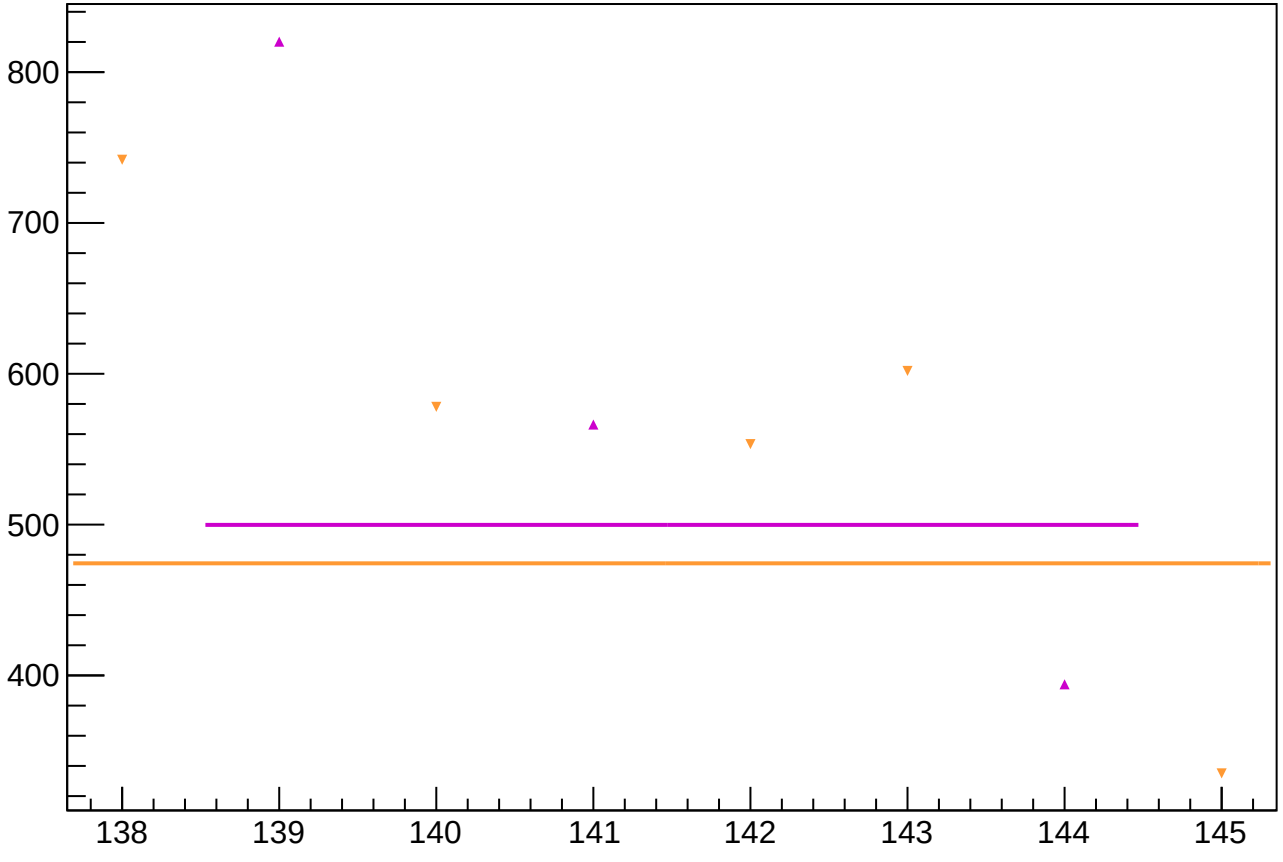
Left In: 75.478+/-332.870 χ^2/NDF:2.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -203.533+/-210.206 χ^2/NDF: 13.8/7

- 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: 474.326+/-0.192 χ^2/NDF:575054.2/4

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

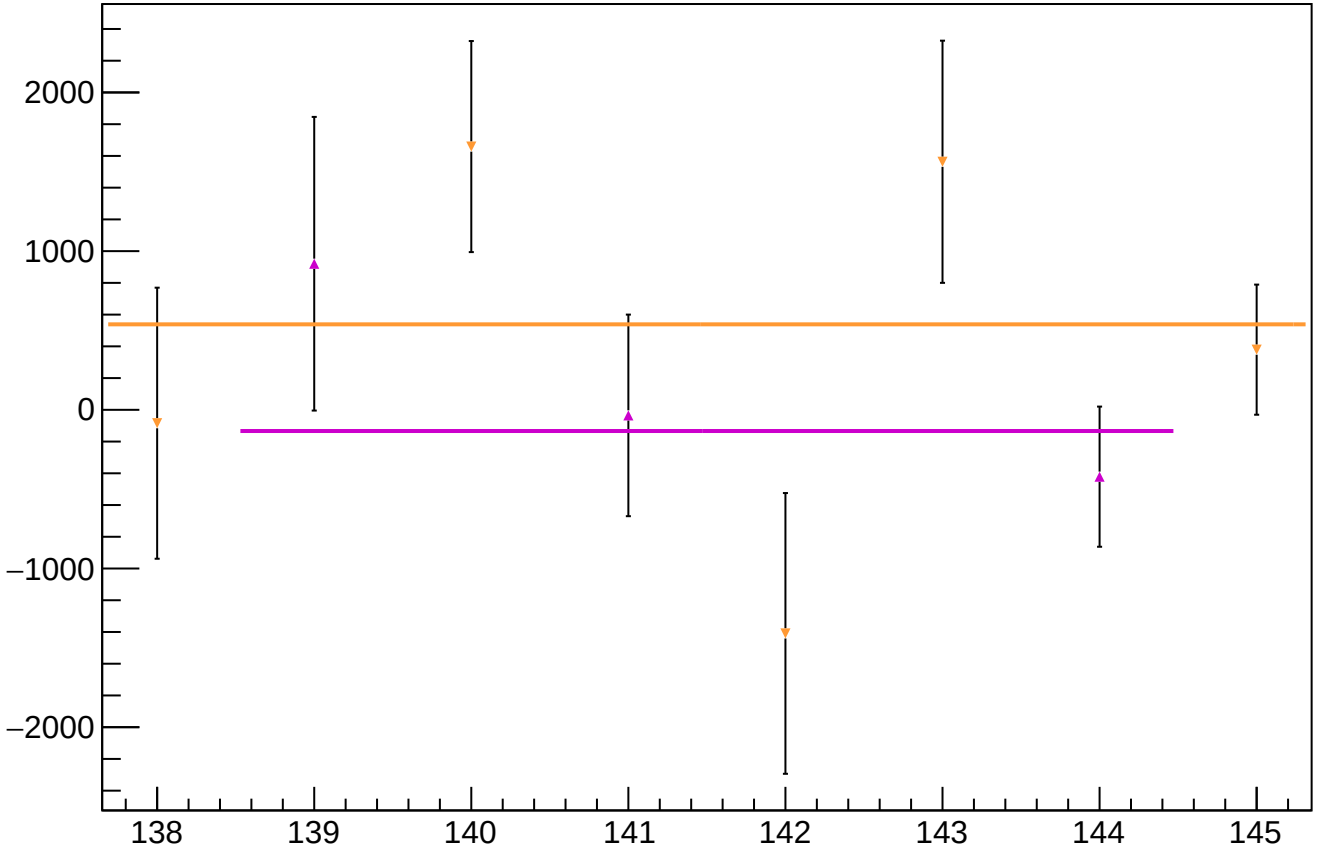
Left In: 499.815+/-0.235 χ^2/NDF:383093.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 484.491+/-0.149 χ^2/NDF: 965198.2/7

- 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: 538.698+/-281.997 χ^2/NDF:10.2/4

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

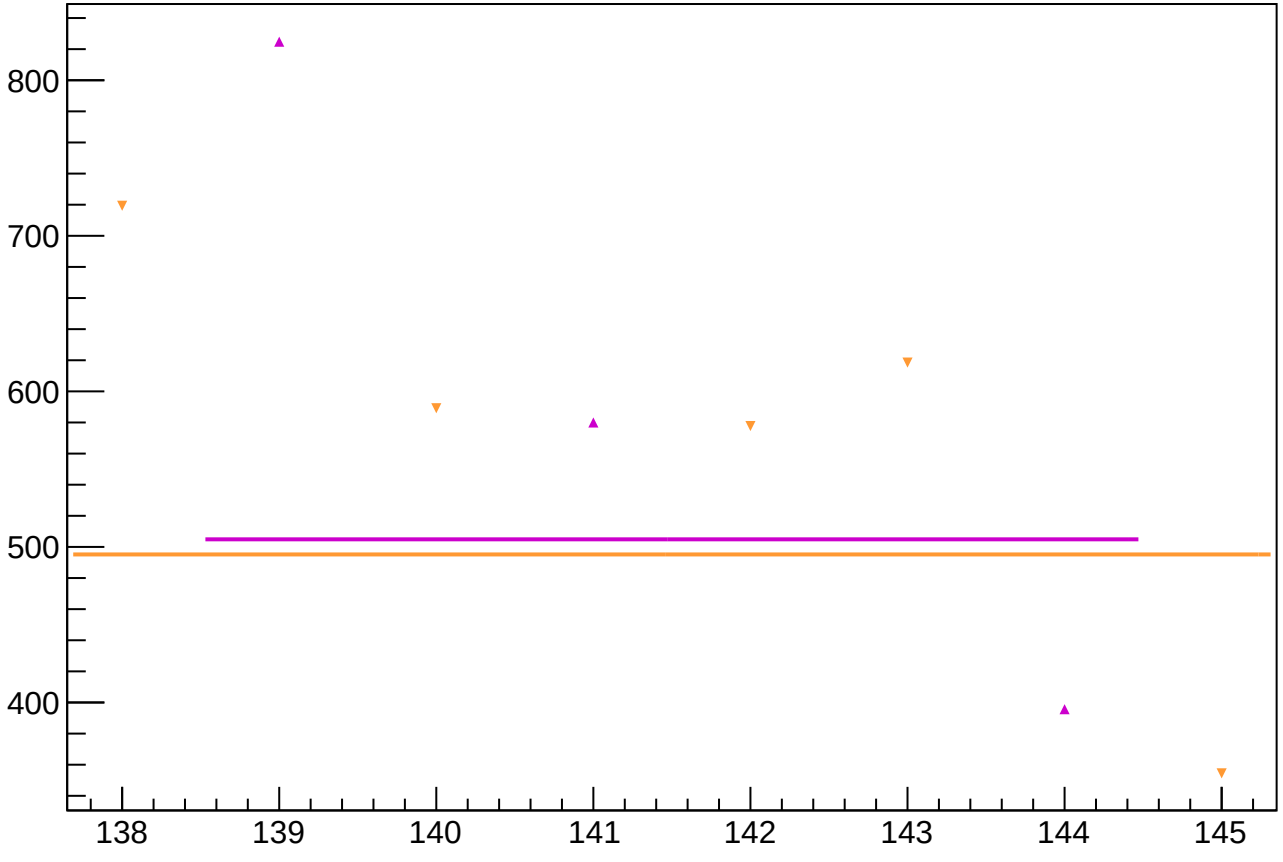
Left In: -133.546+/-337.622 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 262.443+/-216.432 χ^2/NDF: 14.3/7

- 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: 495.169+/-0.199 χ^2/NDF:482945.4/4

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

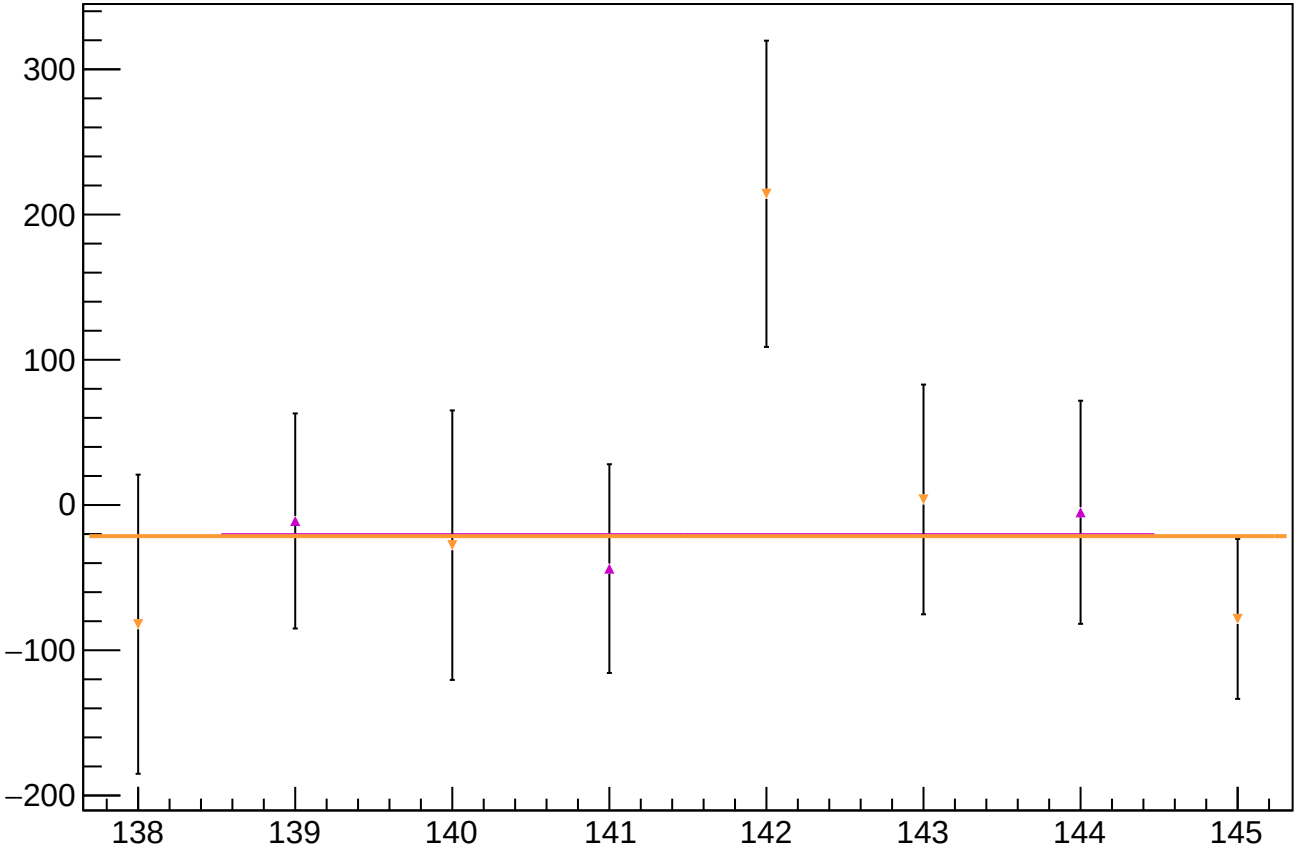
Left In: 504.882+/-0.239 χ^2/NDF:389300.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 499.161+/-0.153 χ^2/NDF: 873221.4/7

- 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: -21.417+/-35.579 χ^2/NDF:6.5/4

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

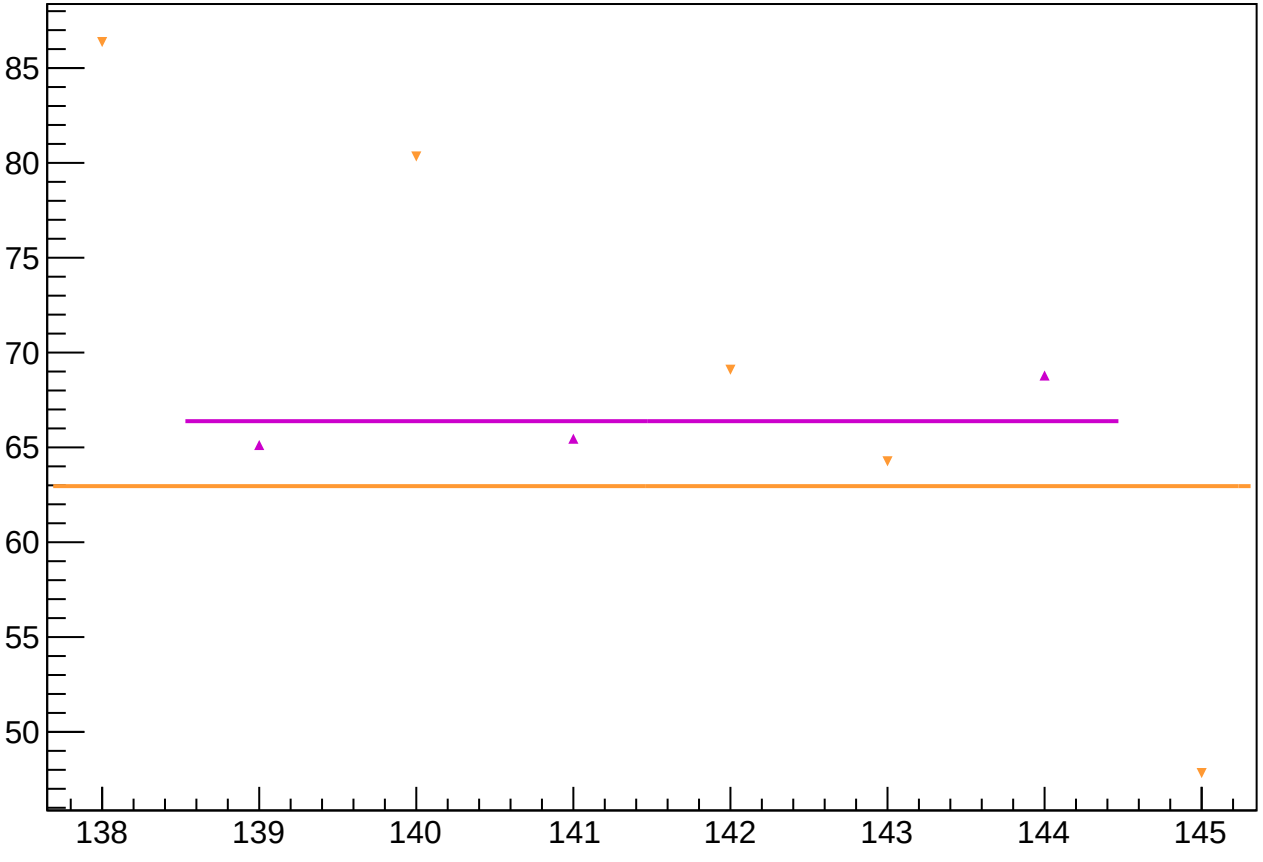
Left In: -20.764+/-42.817 χ^2/NDF:0.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.150+/-27.364 χ^2/NDF: 6.7/7

- 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: 62.958+/-0.025 χ^2/NDF:331802.8/4

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

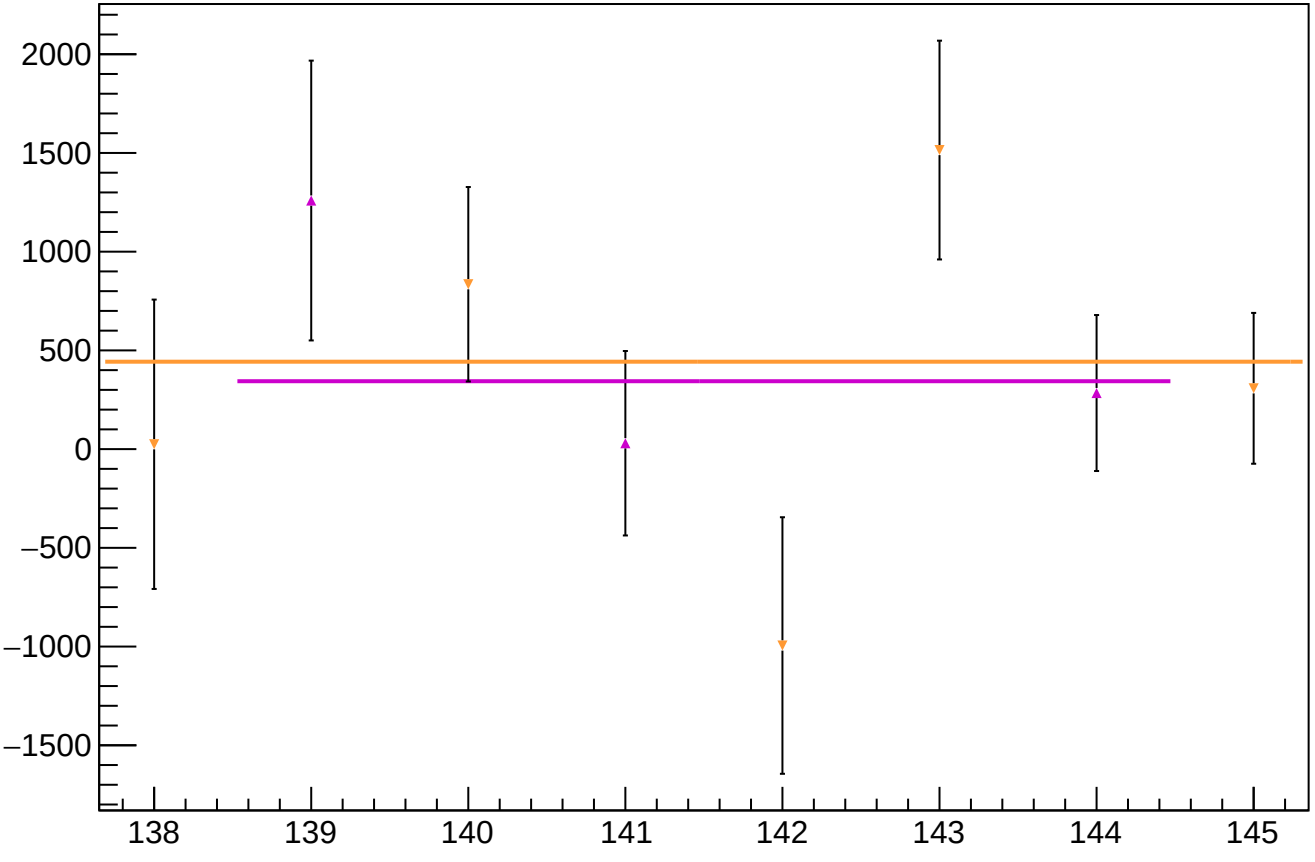
Left In: 66.383+/-0.030 χ^2/NDF:2870.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 64.357+/-0.019 χ^2/NDF: 342243.3/7

- 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: 442.775+/-232.706 χ^2/NDF:9.7/4

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

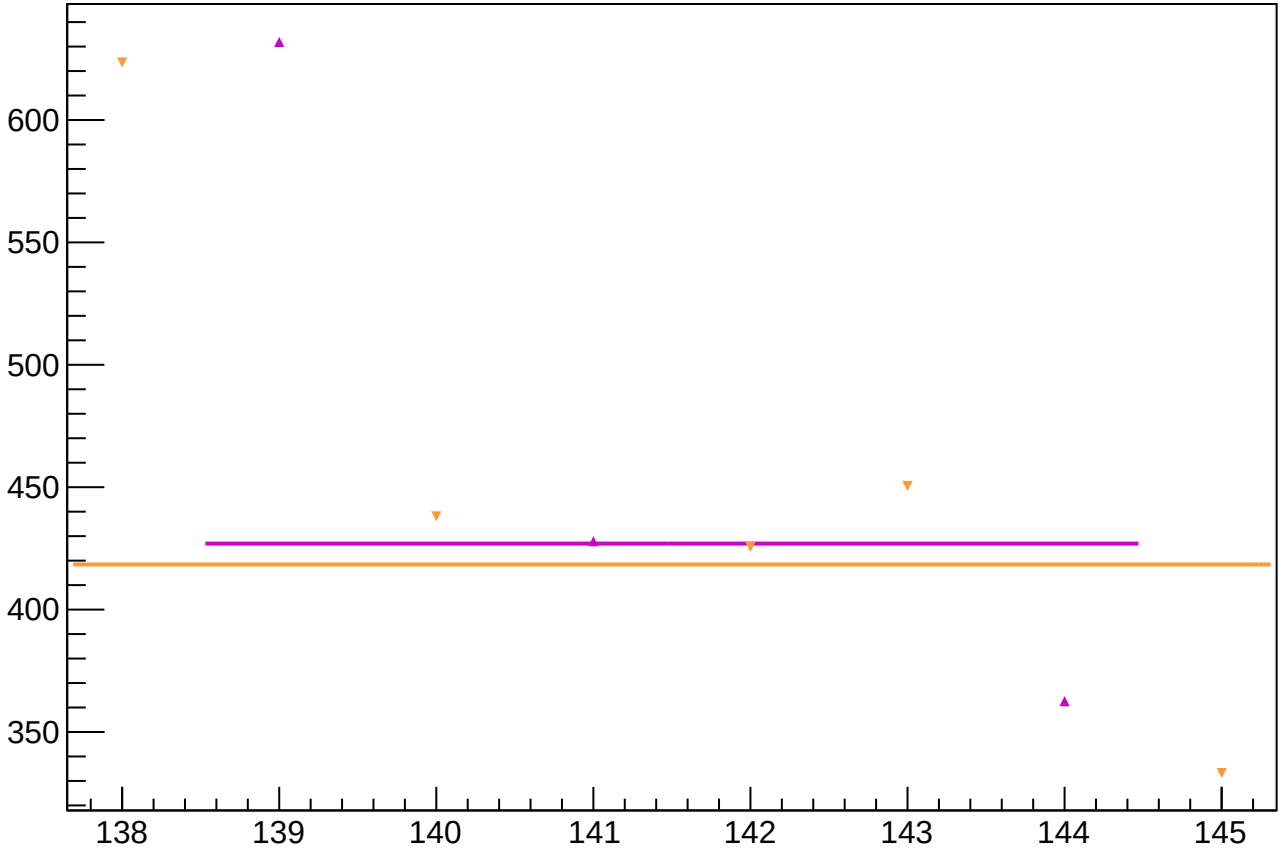
Left In: 343.909+/-277.532 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 401.961+/-178.317 χ^2/NDF: 11.9/7

- 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: 418.432+/-0.165 χ^2/NDF:266335.2/4

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

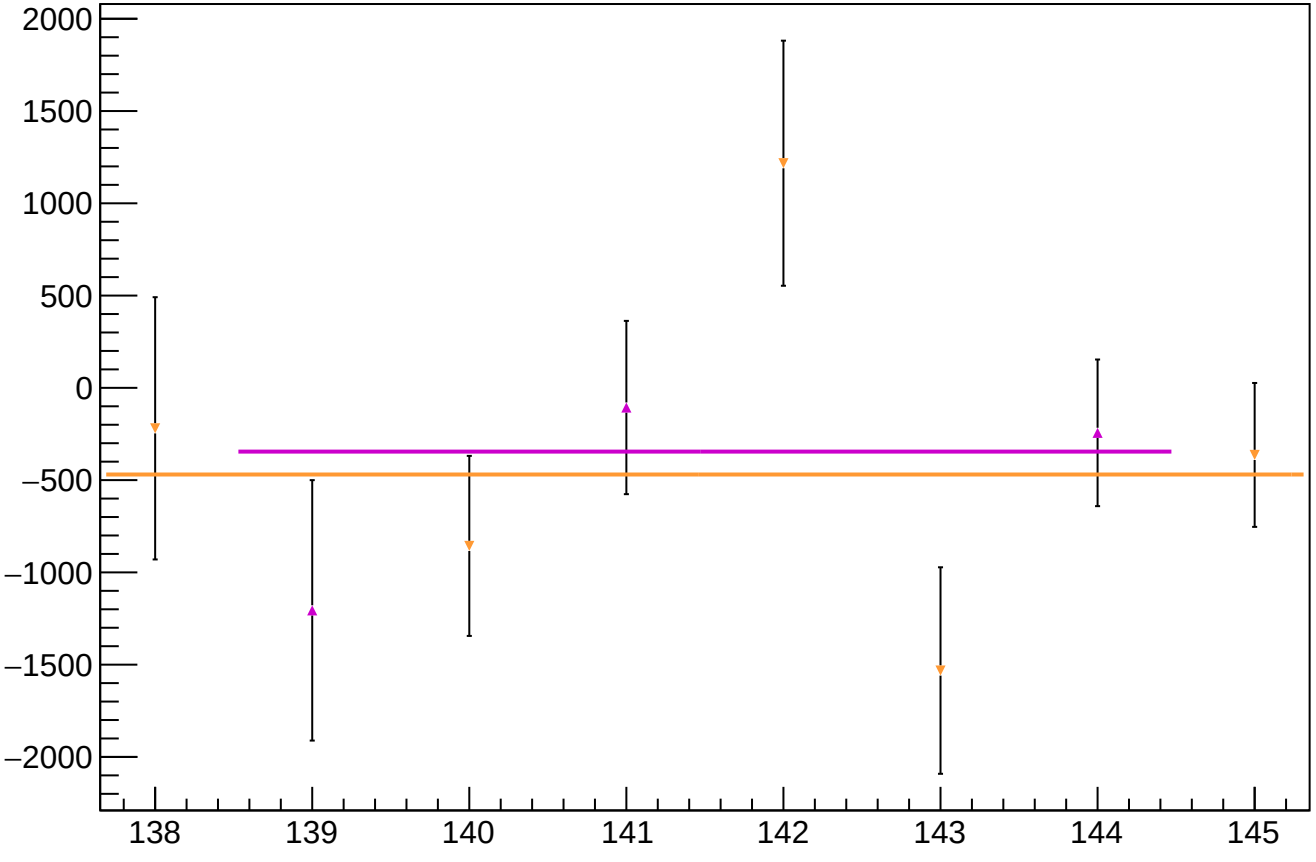
Left In: 426.967+/-0.196 χ^2/NDF:220441.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 421.955+/-0.126 χ^2/NDF: 487887.8/7

- 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: -469.597+/-234.258 χ^2/NDF:10.9/4

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

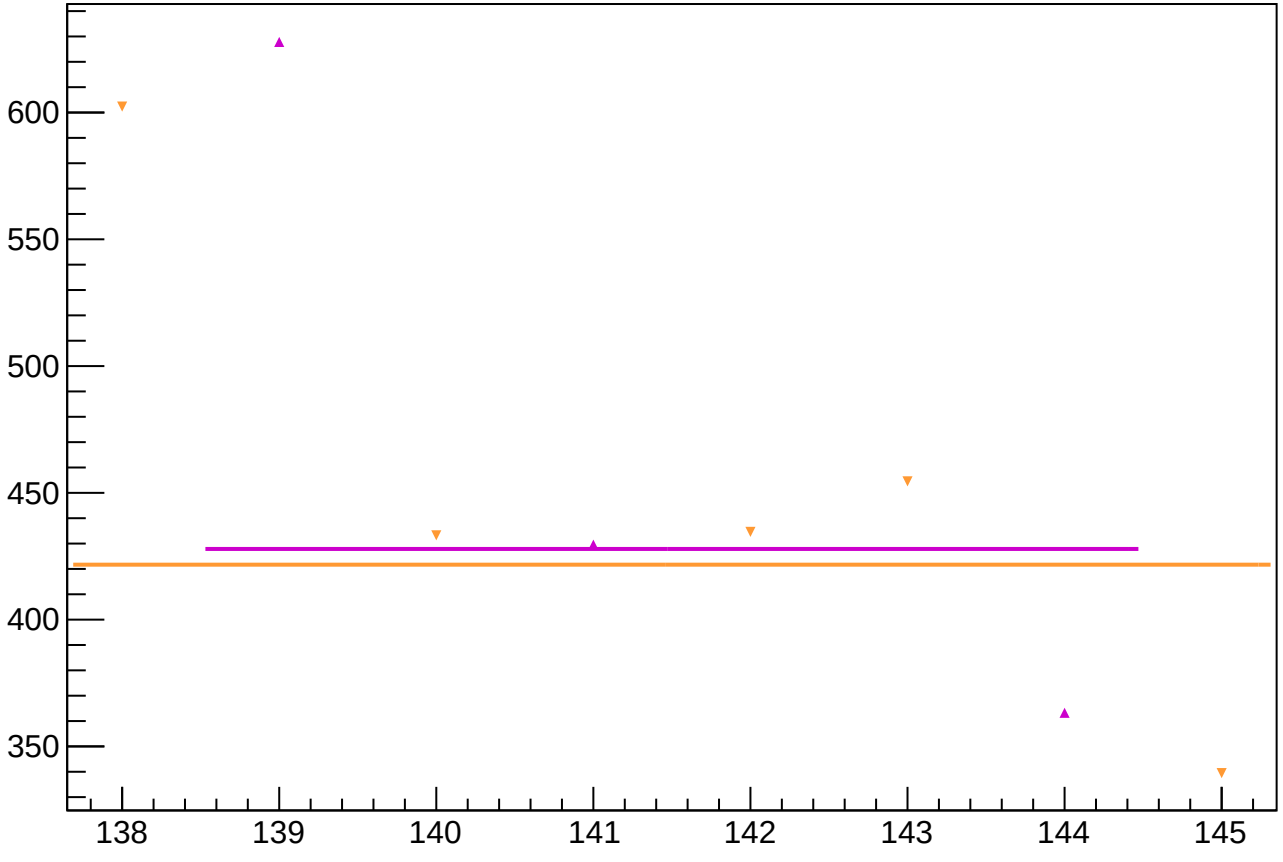
Left In: -345.477+/-278.641 χ^2/NDF:1.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -418.197+/-179.309 χ^2/NDF: 12.8/7

- 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: 421.677+/-0.166 χ^2/NDF:226969.0/4

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

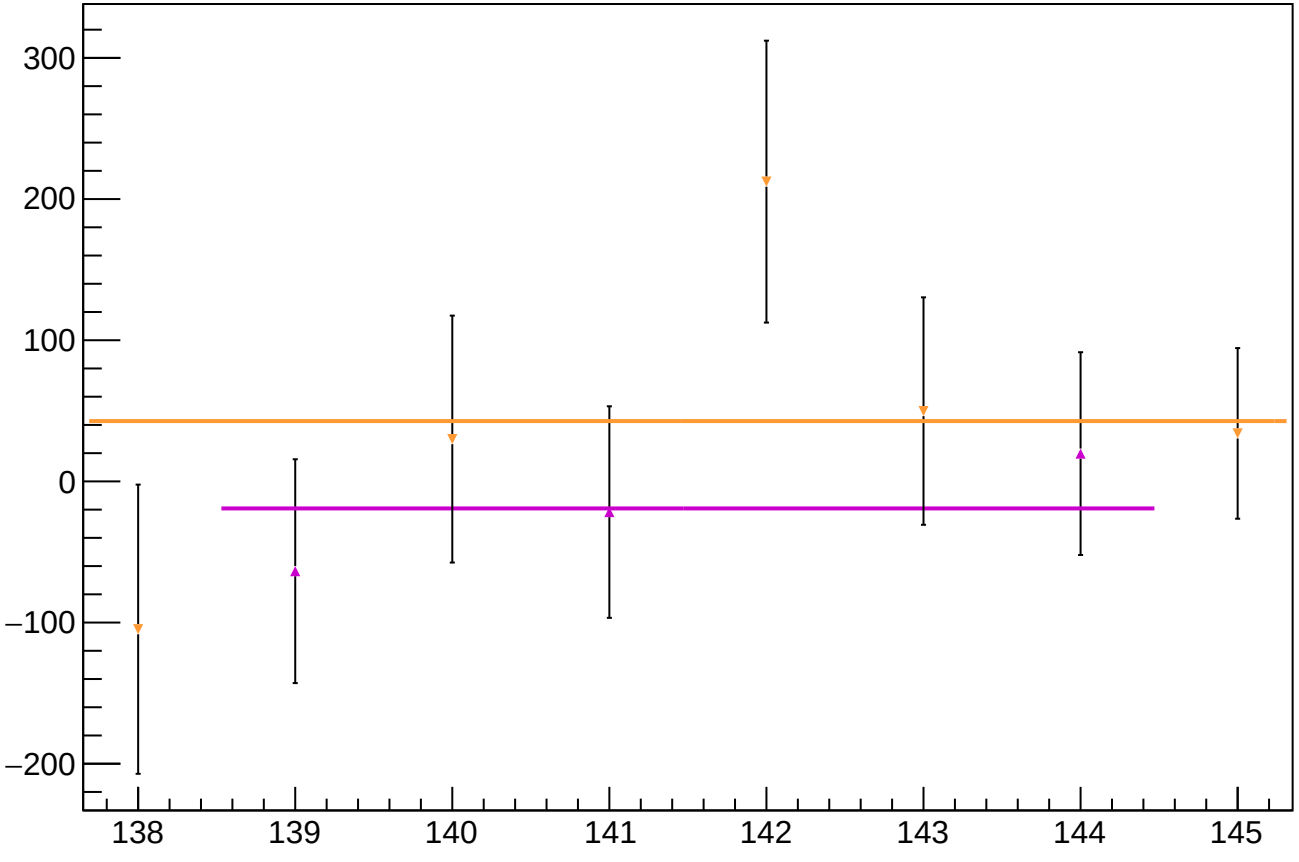
Left In: 427.878+/-0.197 χ^2/NDF:213540.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 424.245+/-0.127 χ^2/NDF: 441089.8/7

- 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: 42.726+/-36.416 χ^2/NDF:5.0/4

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

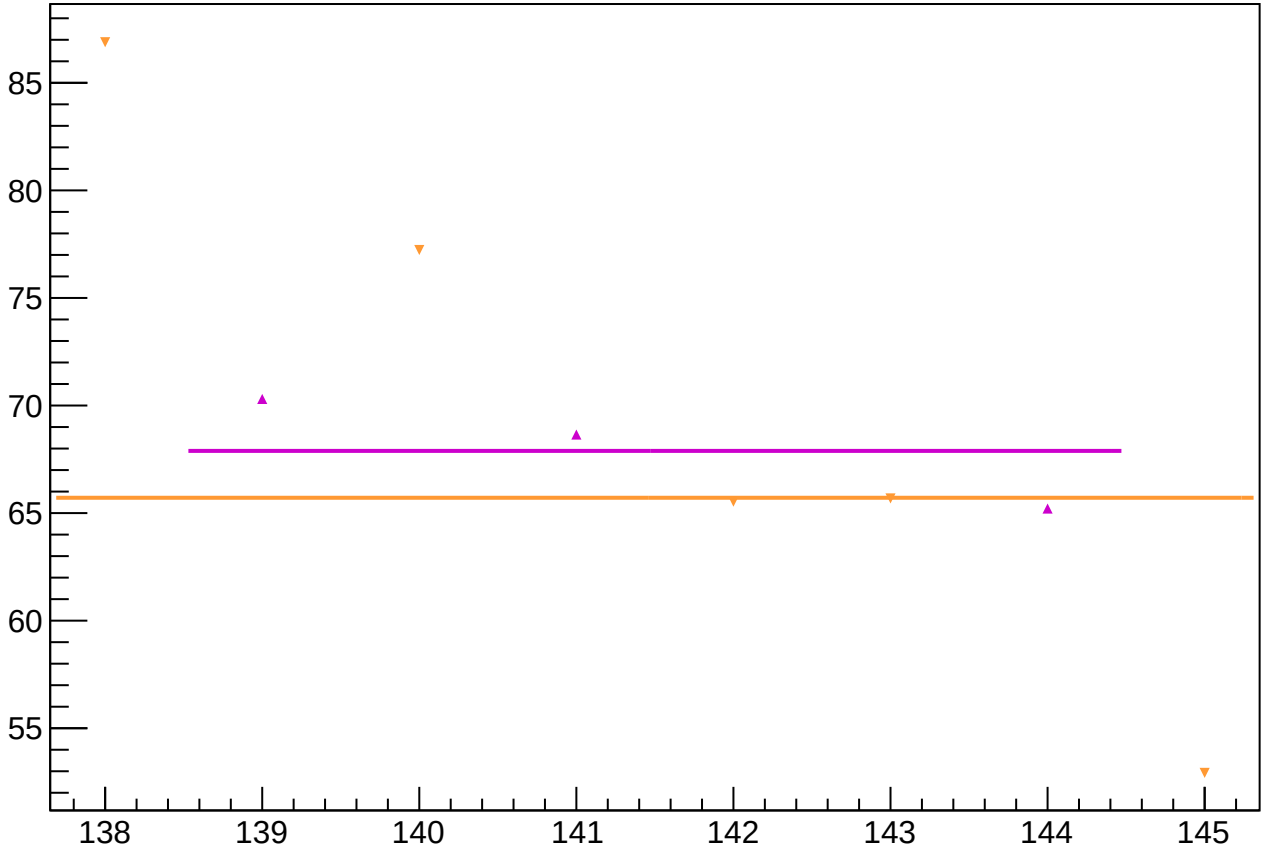
Left In: -19.149+/-43.392 χ^2/NDF:0.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 17.156+/-27.894 χ^2/NDF: 6.8/7

- 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: 65.713+/-0.026 χ^2/NDF:209661.3/4

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

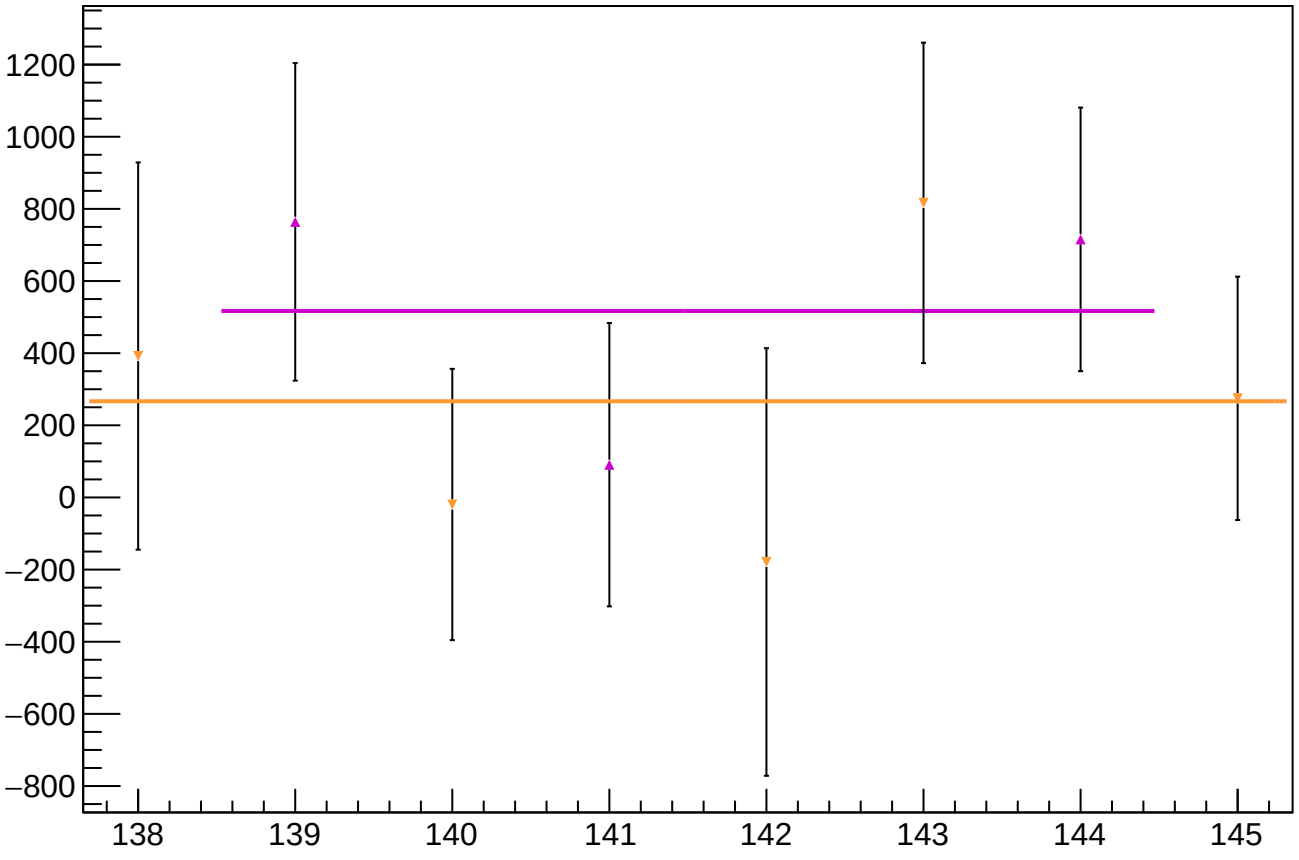
Left In: 67.891+/-0.031 χ^2/NDF:4846.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 66.613+/-0.020 χ^2/NDF: 217465.4/7

- 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: 266.689+/-191.596 χ^2/NDF:2.7/4

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

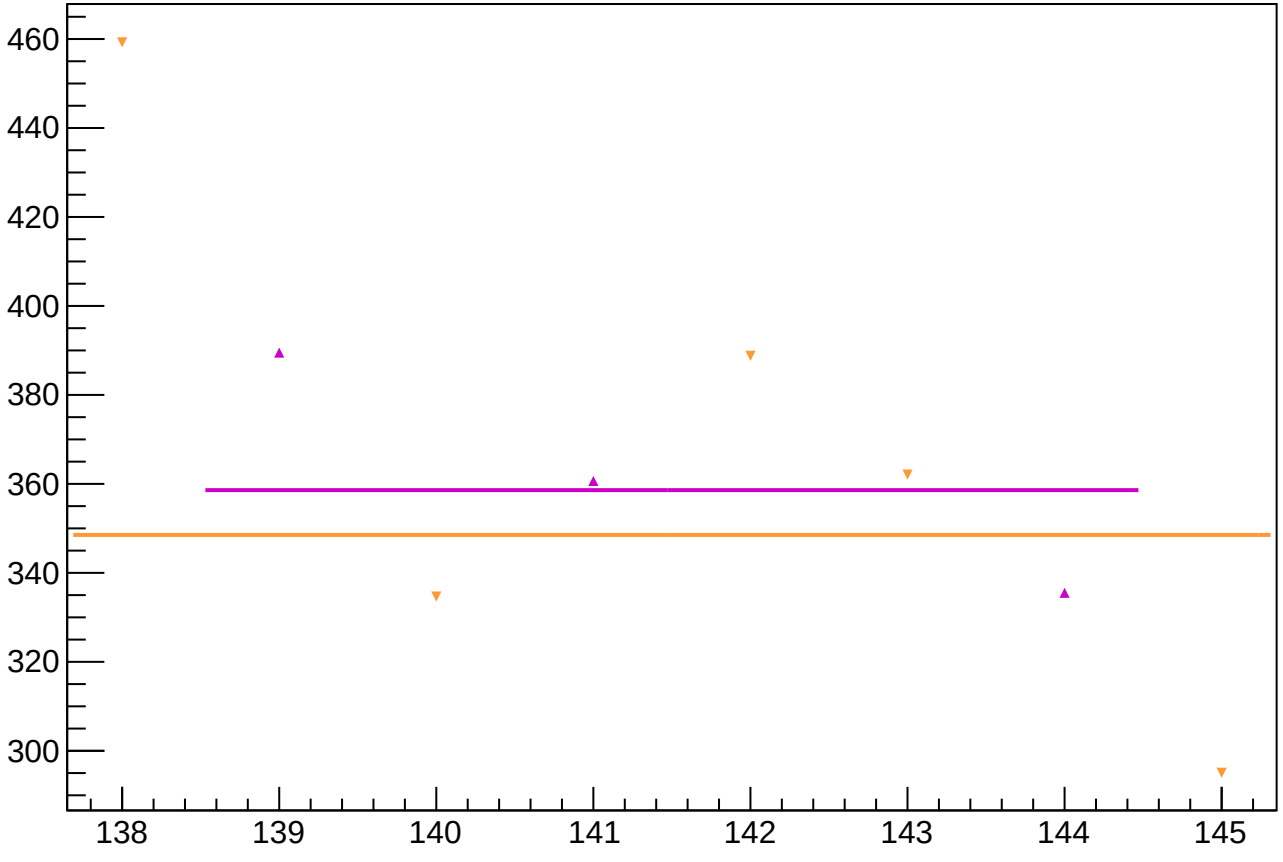
Left In: 516.985+/-228.609 χ^2/NDF:1.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 369.960+/-146.843 χ^2/NDF: 5.2/7

- 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: 348.530+/-0.135 χ^2/NDF:149114.7/4

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

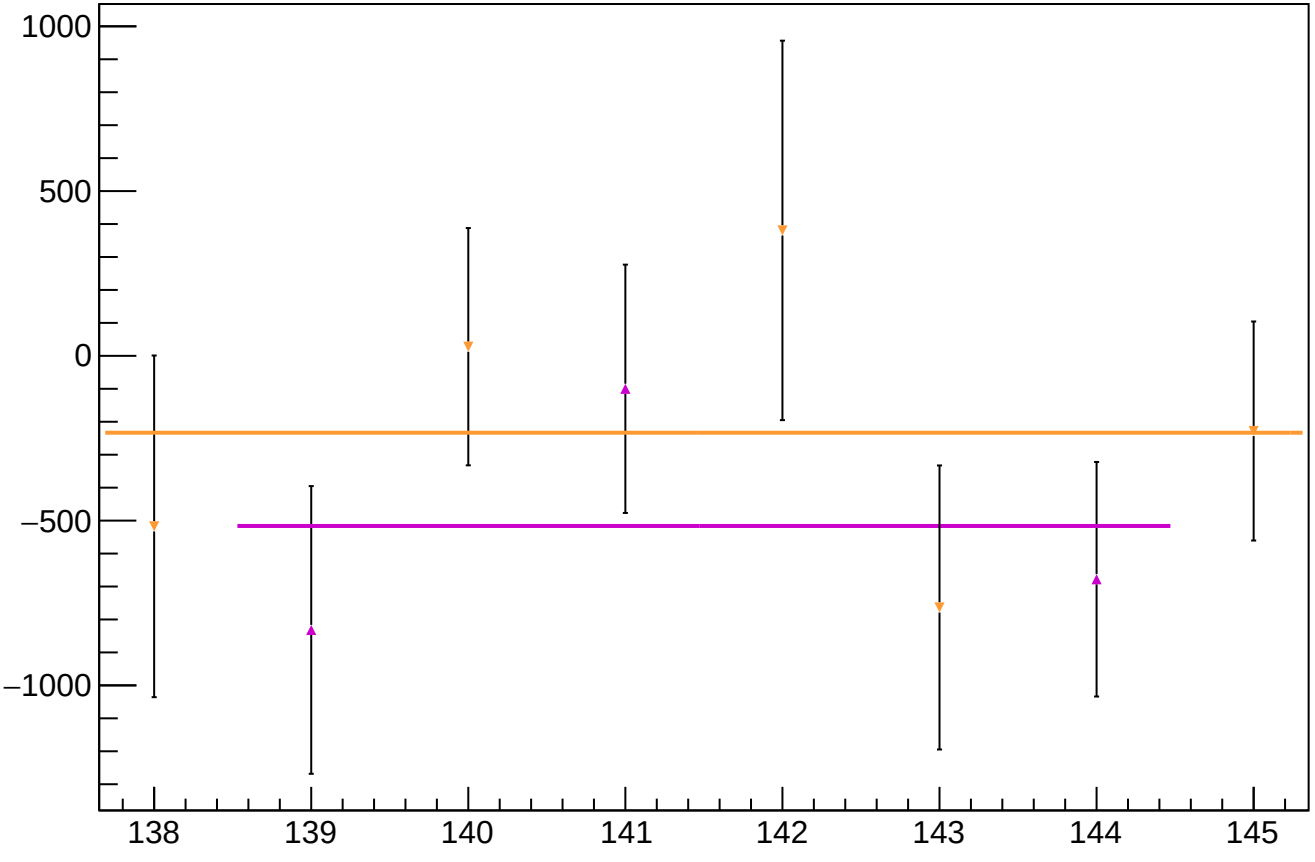
Left In: 358.596+/-0.162 χ^2/NDF:17898.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 352.683+/-0.104 χ^2/NDF: 169290.7/7

- 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: -233.245+/-186.048 χ^2/NDF:3.5/4

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

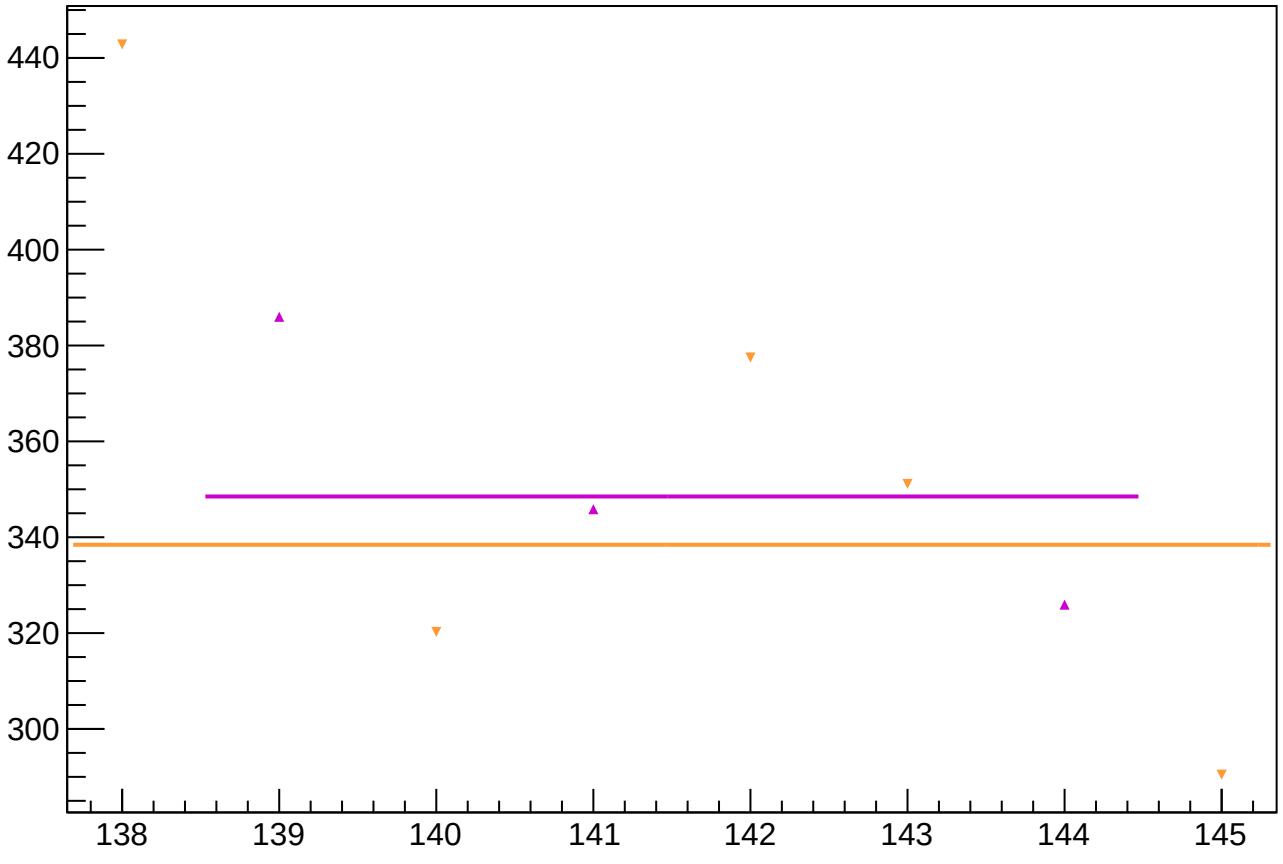
Left In: -516.244+/-222.577 χ^2/NDF:1.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -349.647+/-142.747 χ^2/NDF: 6.4/7

- 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: 338.427+/-0.132 χ^2/NDF:138812.8/4

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

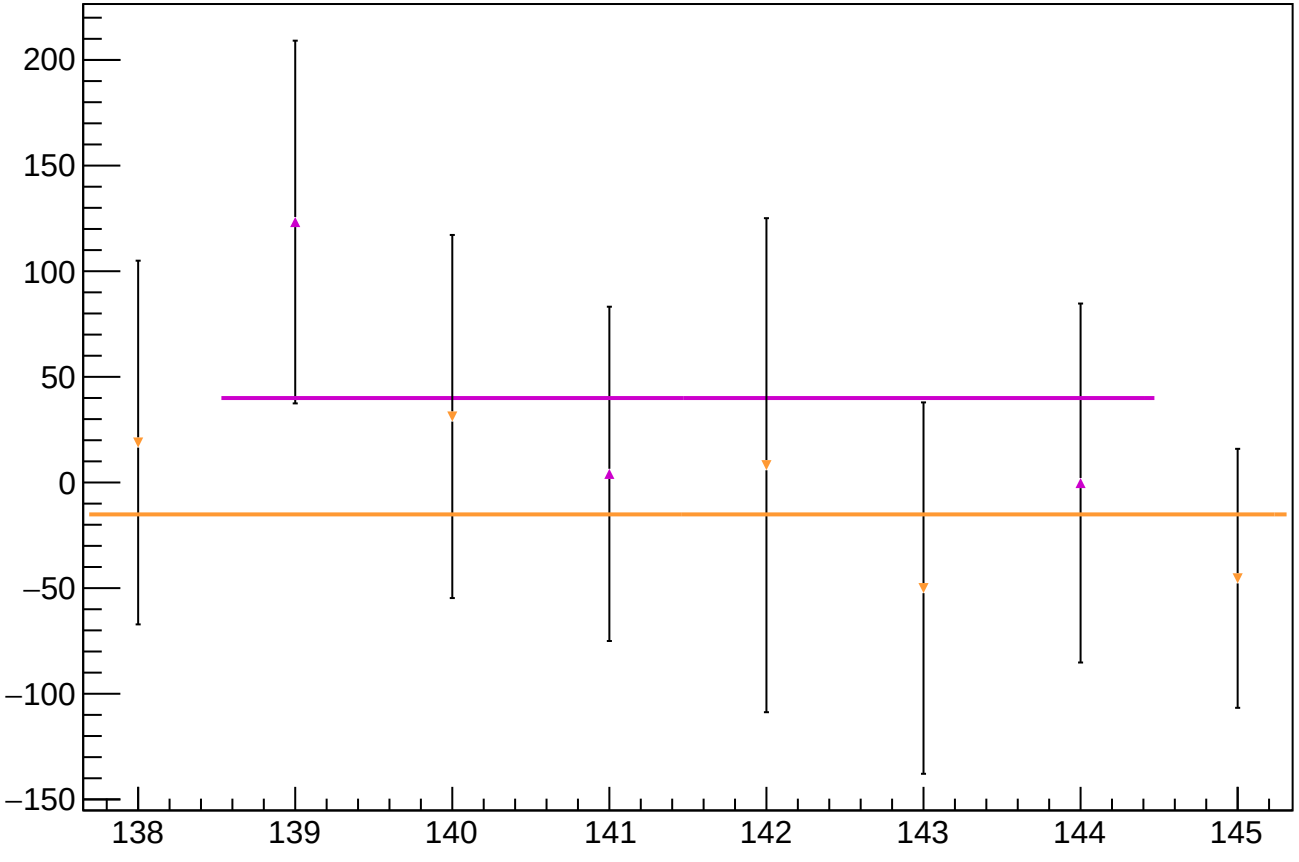
Left In: 348.501+/-0.157 χ^2/NDF:22891.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 342.571+/-0.101 χ^2/NDF: 164116.2/7

- 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: -15.104+/-36.782 χ^2/NDF:0.9/4

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

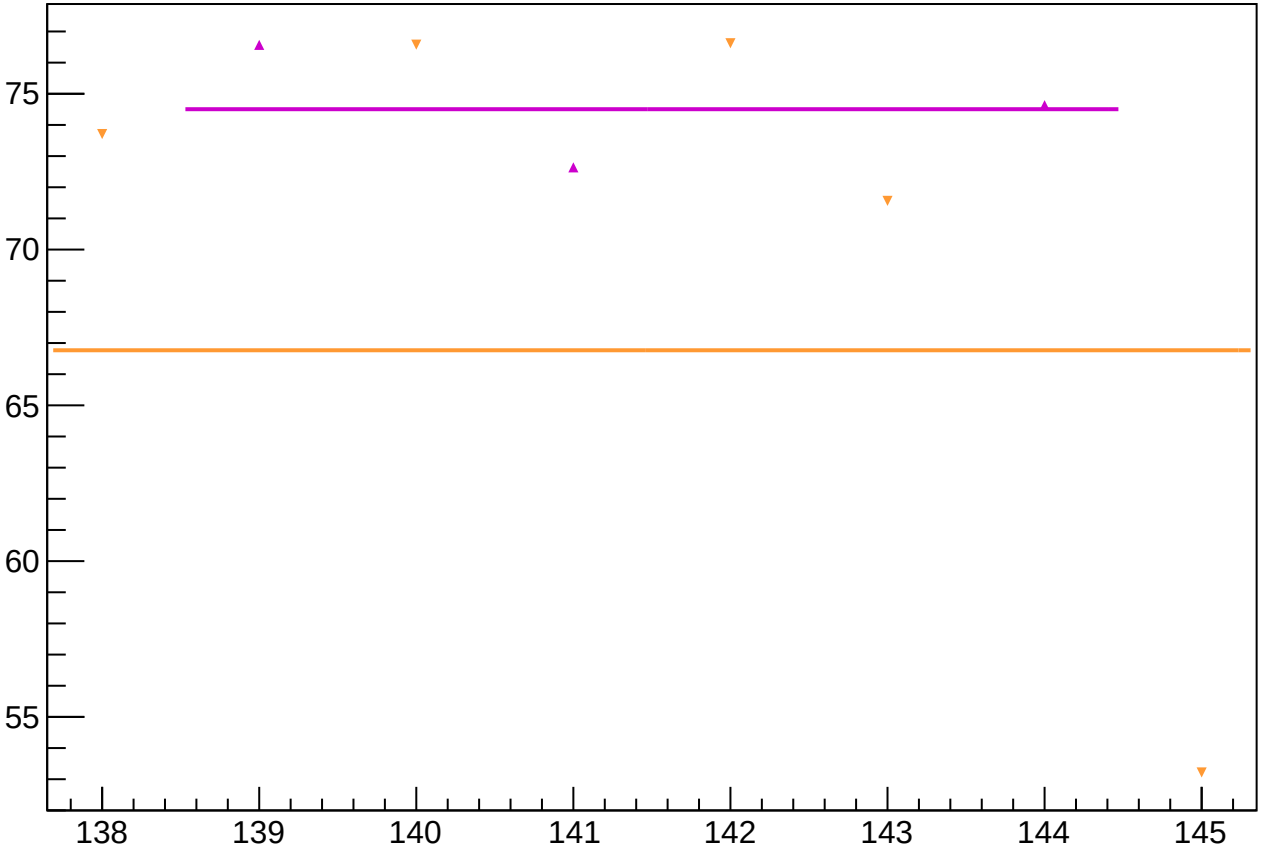
Left In: 39.970+/-48.001 χ^2/NDF:1.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.271+/-29.196 χ^2/NDF: 3.1/7

- 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: 66.768+/-0.026 χ^2/NDF:156963.4/4

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

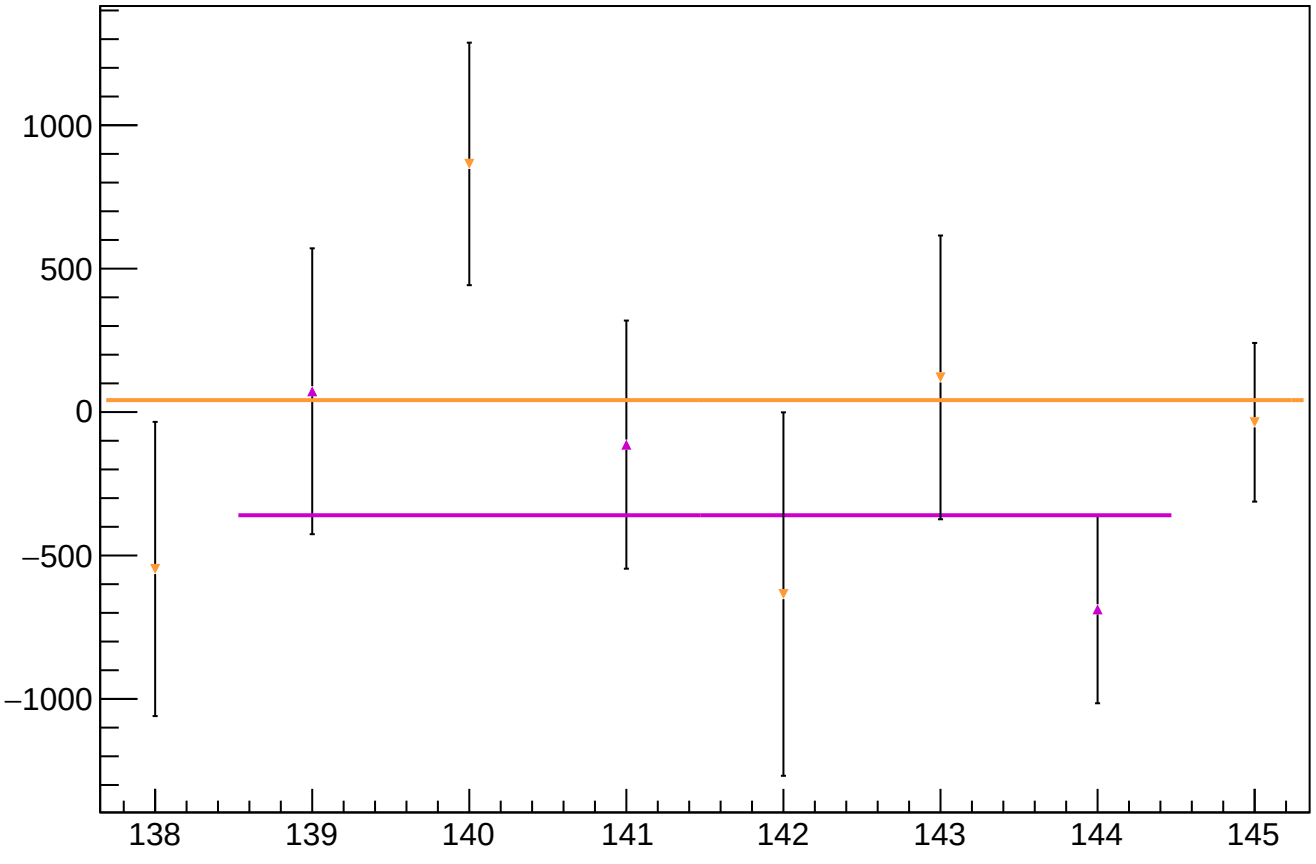
Left In: 74.505+/-0.034 χ^2/NDF:2275.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 69.630+/-0.021 χ^2/NDF: 191980.5/7

- 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: 41.621+/-185.528 χ^2/NDF:6.4/4

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

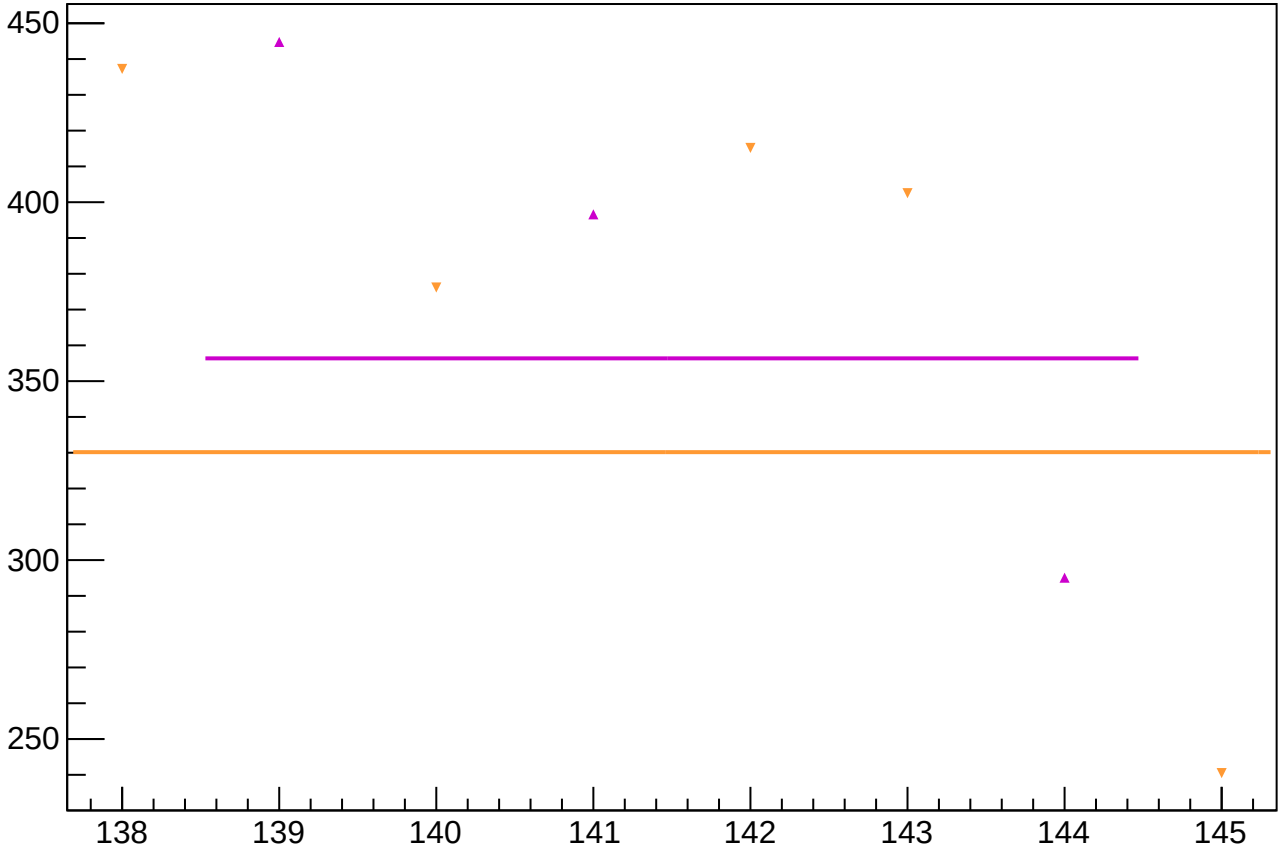
Left In: -359.686+/-231.275 χ^2/NDF:2.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -115.511+/-144.718 χ^2/NDF: 10.3/7

- 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: 330.162+/-0.131 χ^2/NDF:399973.3/4

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

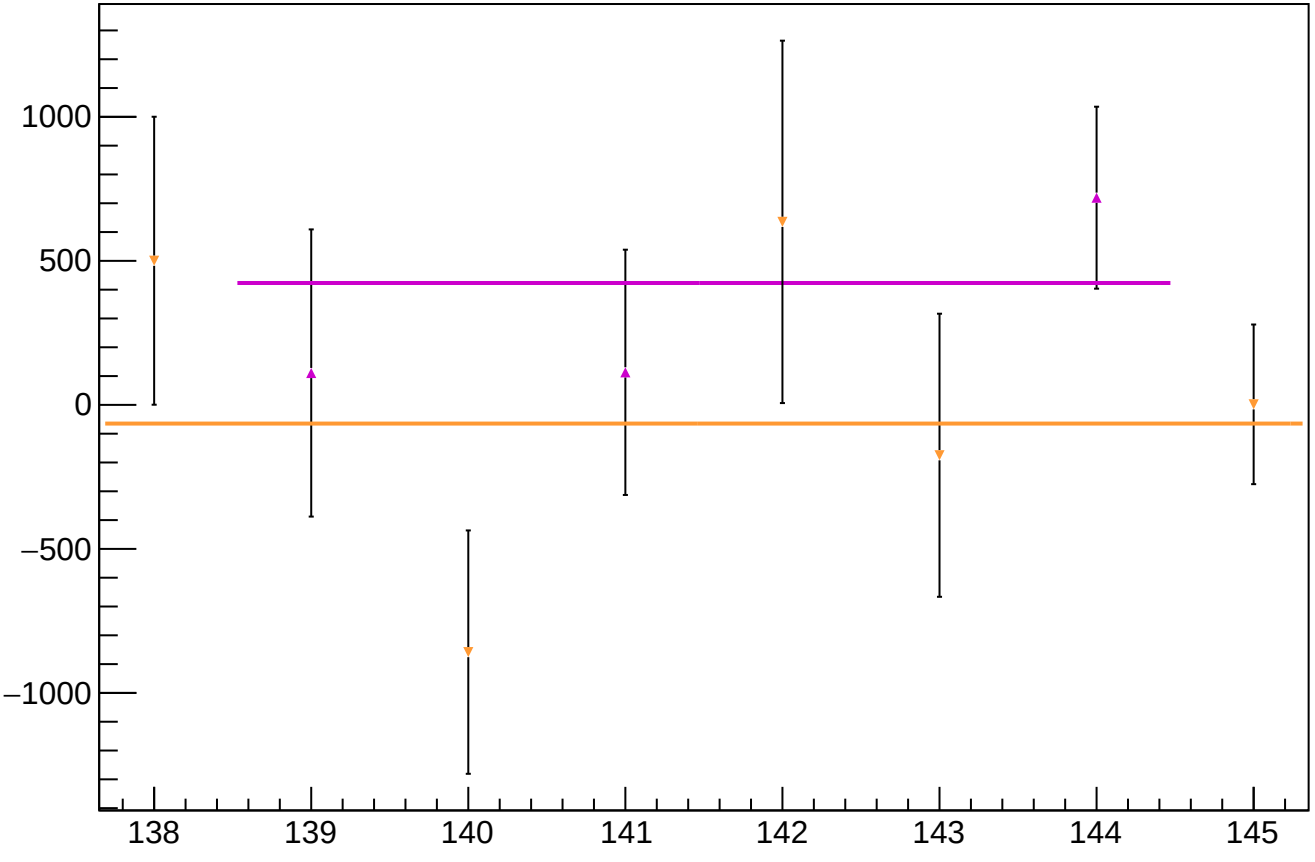
Left In: 356.366+/-0.164 χ^2/NDF:150303.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 340.422+/-0.102 χ^2/NDF: 565898.7/7

- 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: -64.881+/-184.759 χ^2/NDF:6.2/4

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

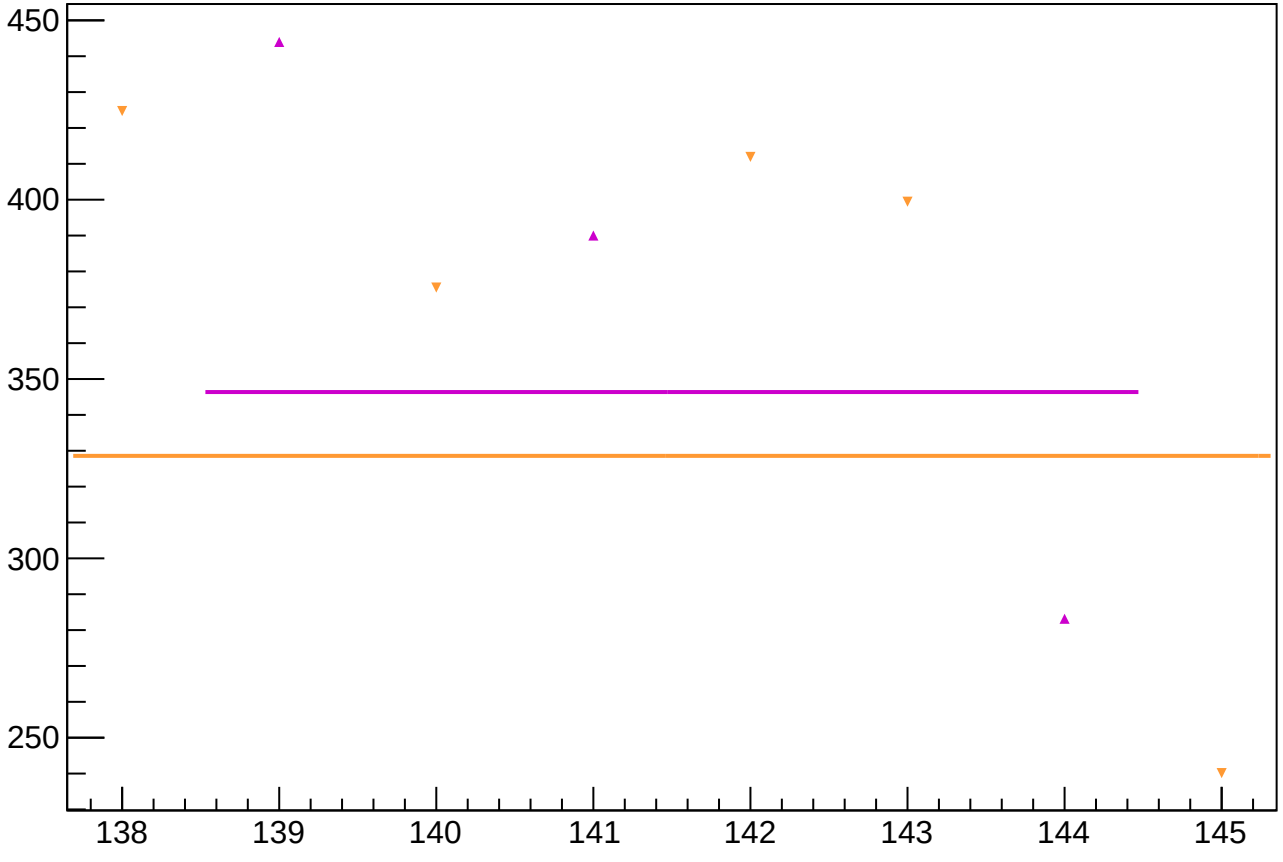
Left In: 423.164+/-226.091 χ^2/NDF:1.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 130.536+/-143.065 χ^2/NDF: 10.8/7

- 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: 328.578+/-0.131 χ^2/NDF:379092.1/4

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

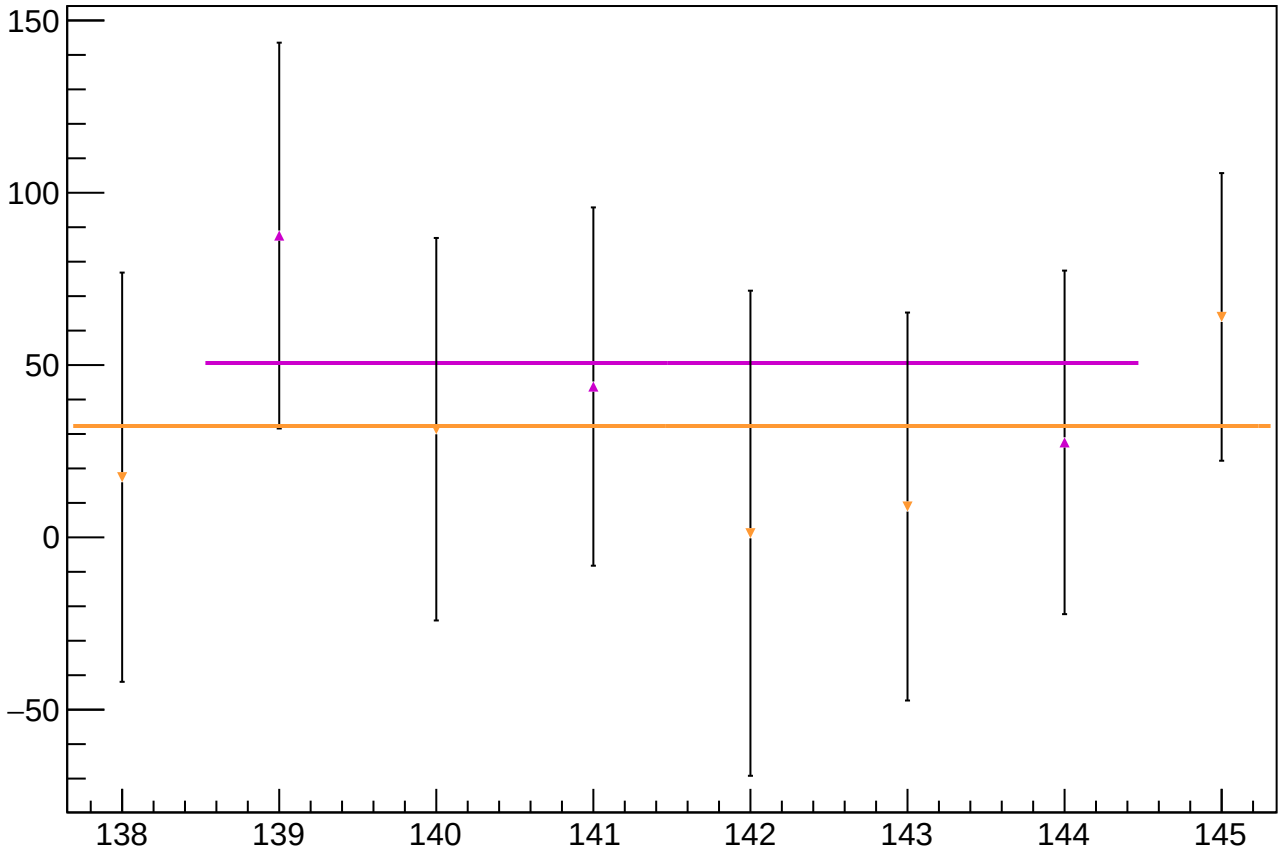
Left In: 346.369+/-0.160 χ^2/NDF:177766.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 335.702+/-0.101 χ^2/NDF: 564284.9/7

- 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: 32.317+/-24.254 χ^2/NDF:1.0/4

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

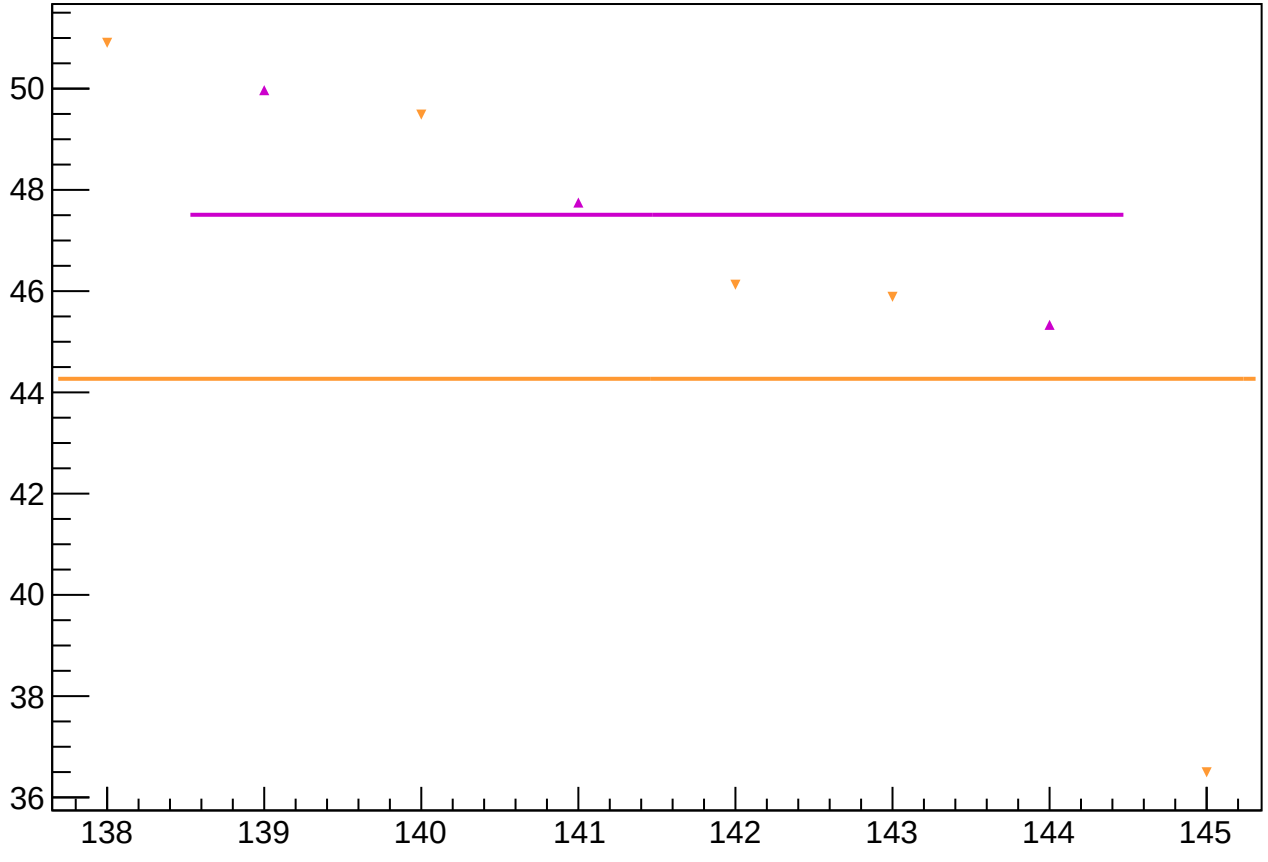
Left In: 50.600+/-30.267 χ^2/NDF:0.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 39.467+/-18.927 χ^2/NDF: 1.9/7

- 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: 44.268+/-0.017 χ^2/NDF:115098.7/4

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

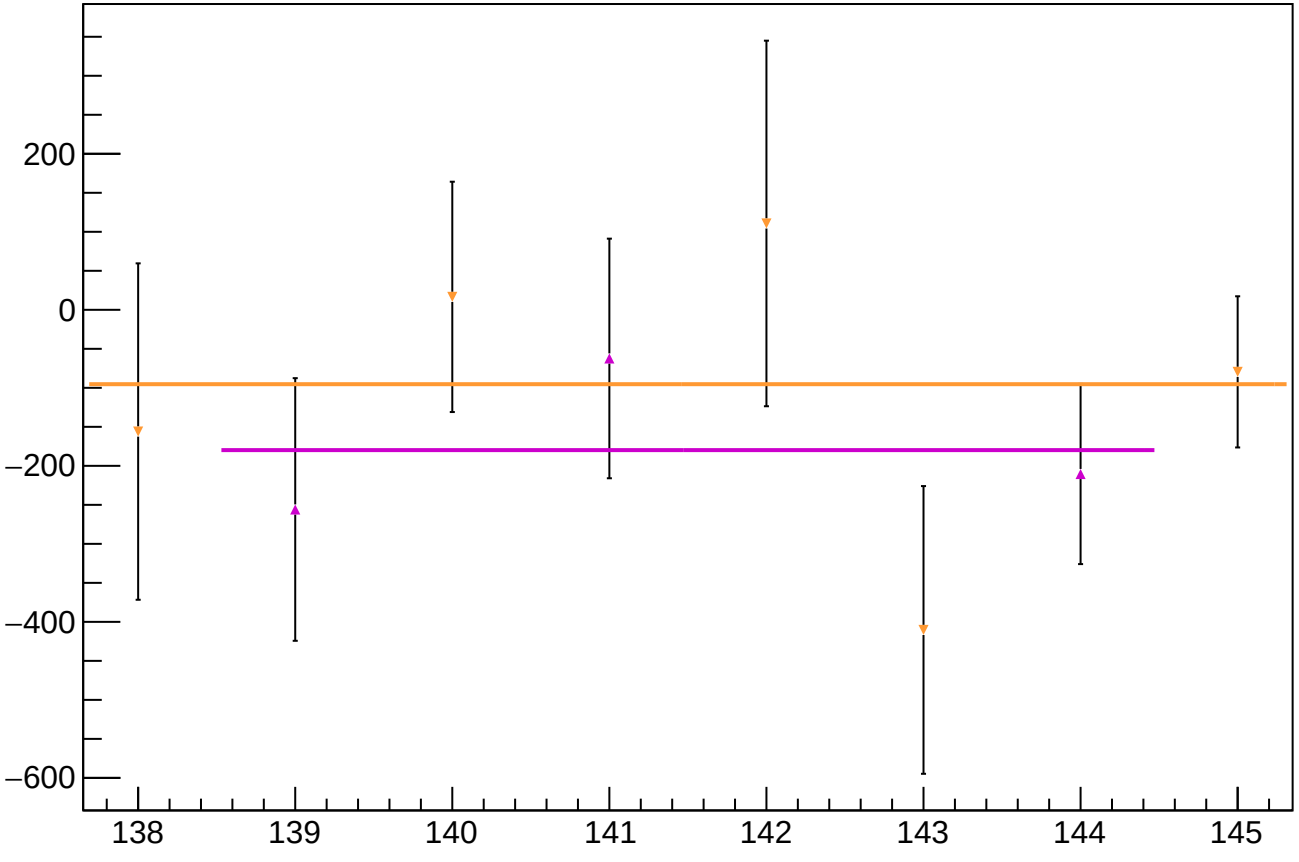
Left In: 47.508+/-0.021 χ^2/NDF:7714.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 45.535+/-0.013 χ^2/NDF: 136768.4/7

- 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: -95.336+/-67.186 χ^2/NDF:4.4/4

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

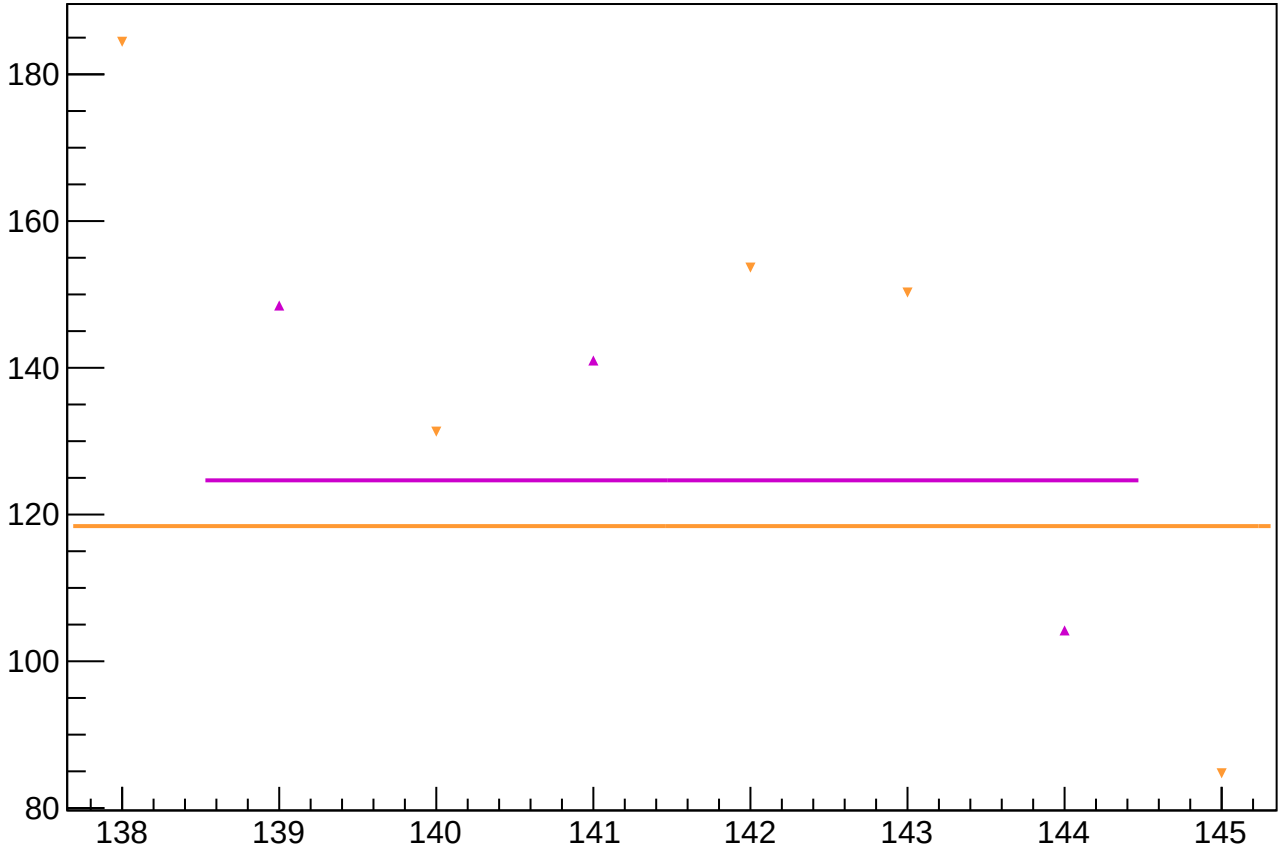
Left In: -179.842+/-80.932 χ^2/NDF:0.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -129.813+/-51.695 χ^2/NDF: 5.9/7

- 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: 118.424+/-0.048 χ^2/NDF:549332.1/4

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

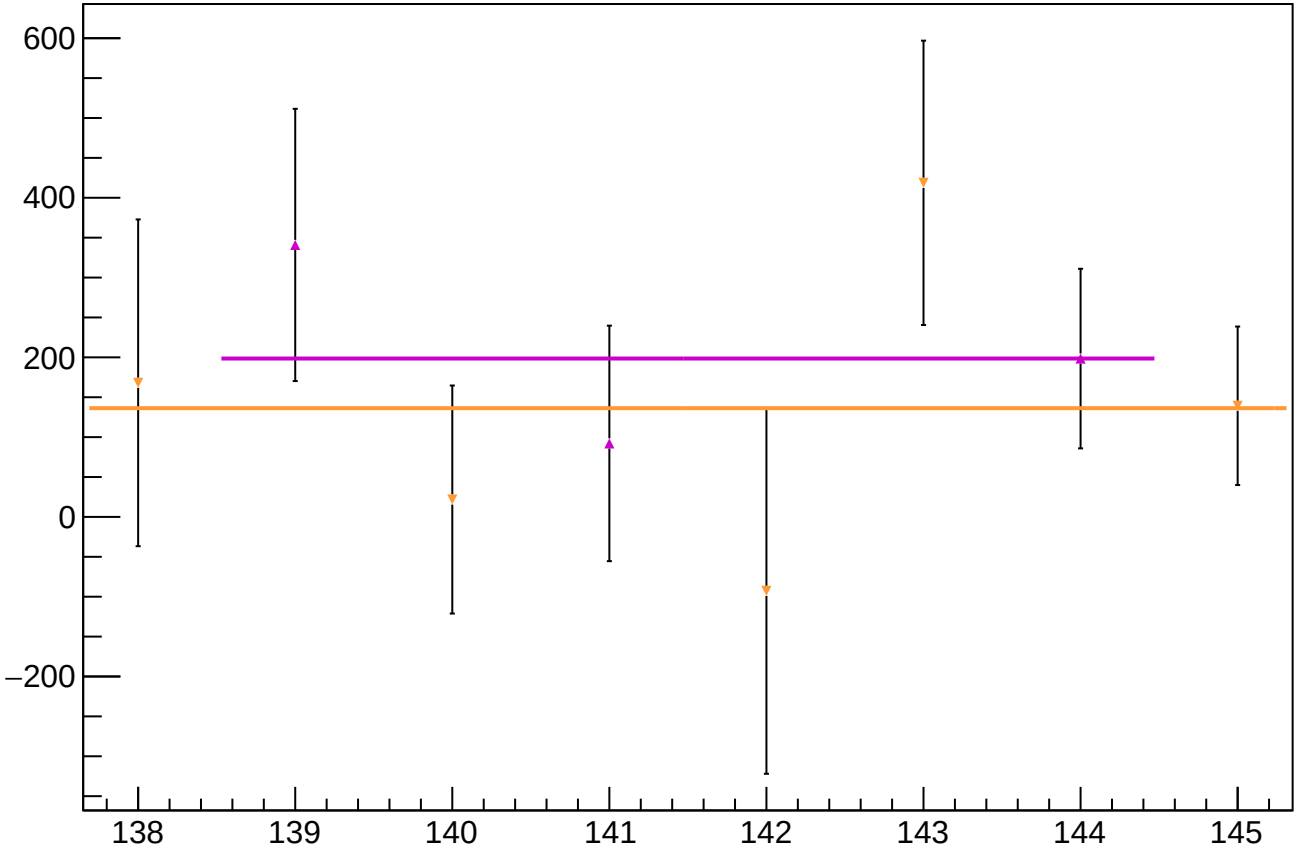
Left In: 124.661+/-0.057 χ^2/NDF:125446.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 120.969+/-0.037 χ^2/NDF: 681811.8/7

- 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: 136.268+/-66.711 χ^2/NDF:4.2/4

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

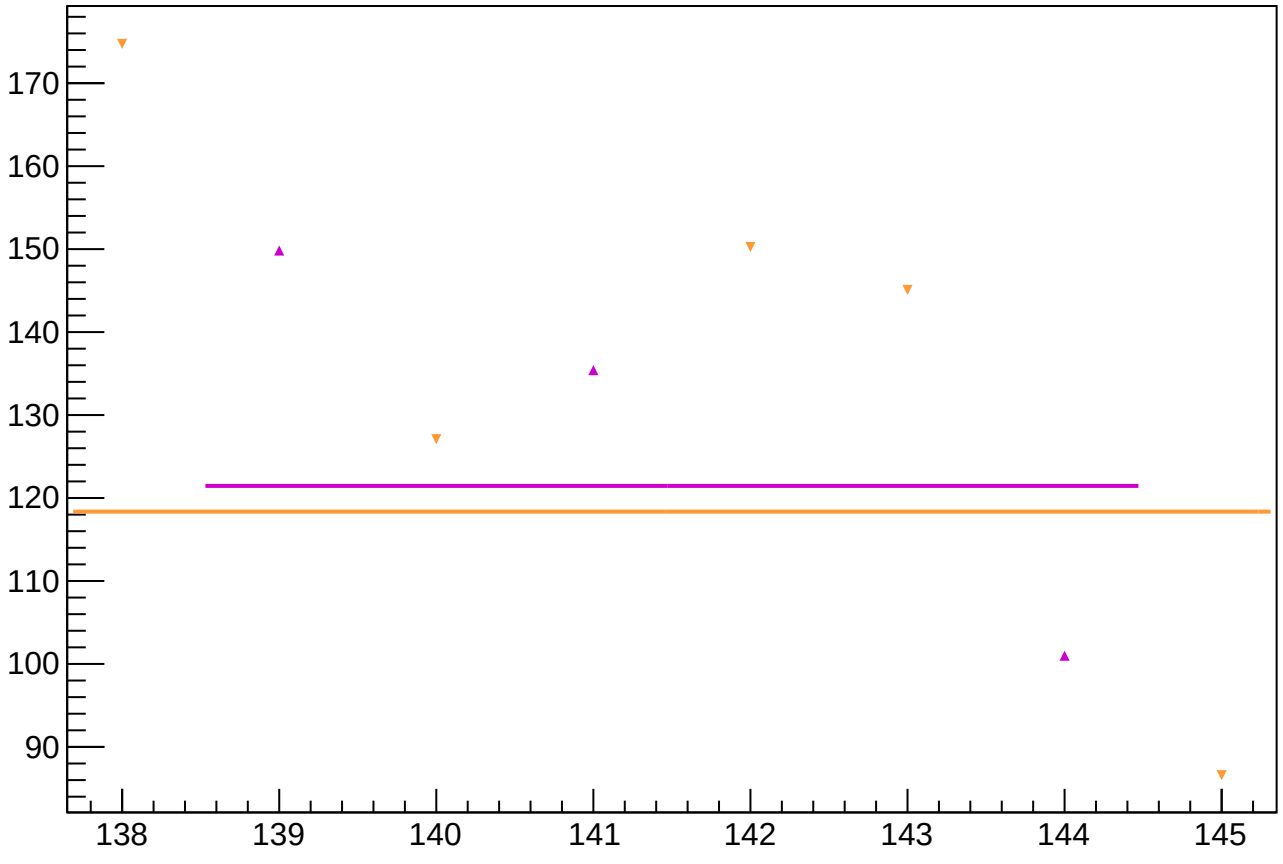
Left In: 198.523+/-79.254 χ^2/NDF:1.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 162.085+/-51.037 χ^2/NDF: 5.8/7

- 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: 118.359+/-0.047 χ^2/NDF:447379.6/4

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

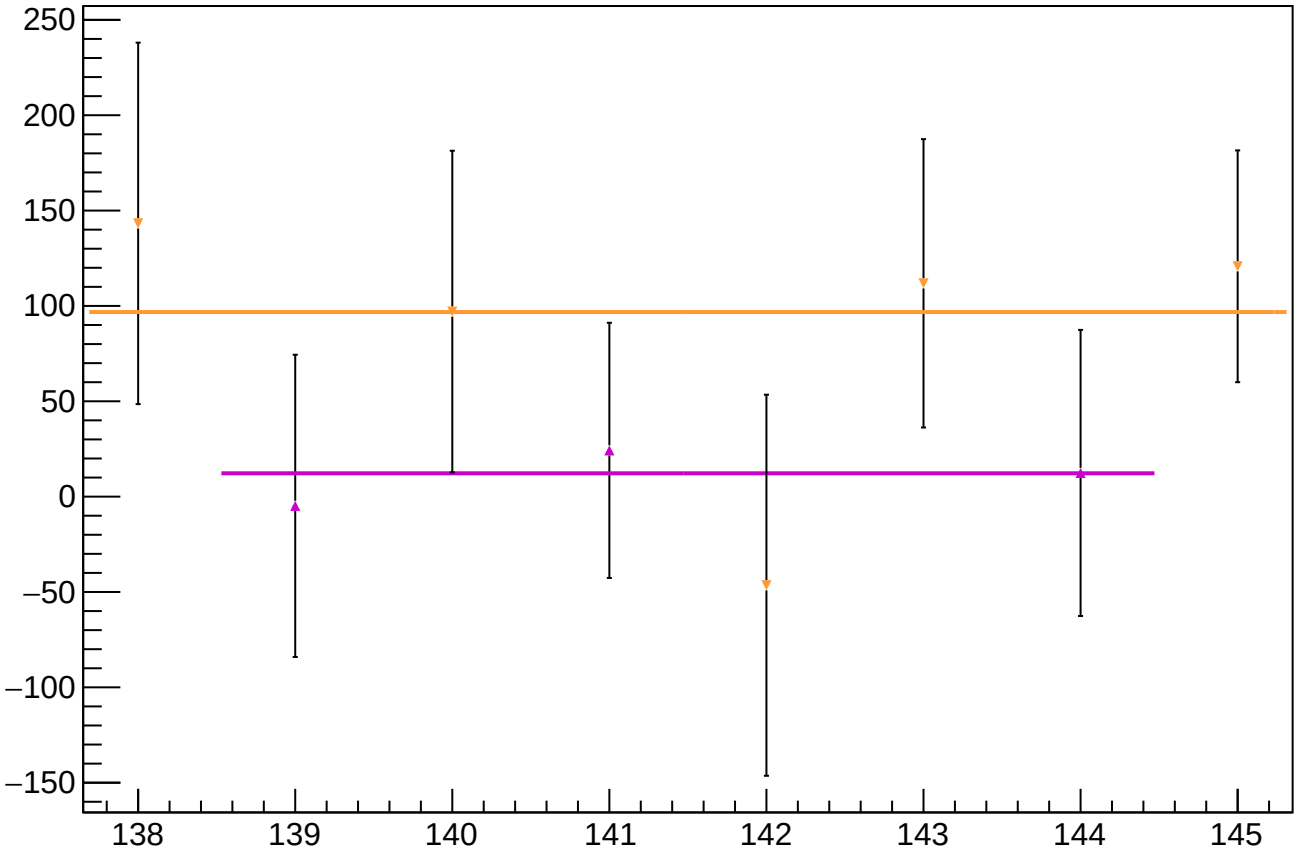
Left In: 121.460+/-0.056 χ^2/NDF:139335.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 119.645+/-0.036 χ^2/NDF: 588507.1/7

- 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: 96.780+/-35.404 χ^2/NDF:2.5/4

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

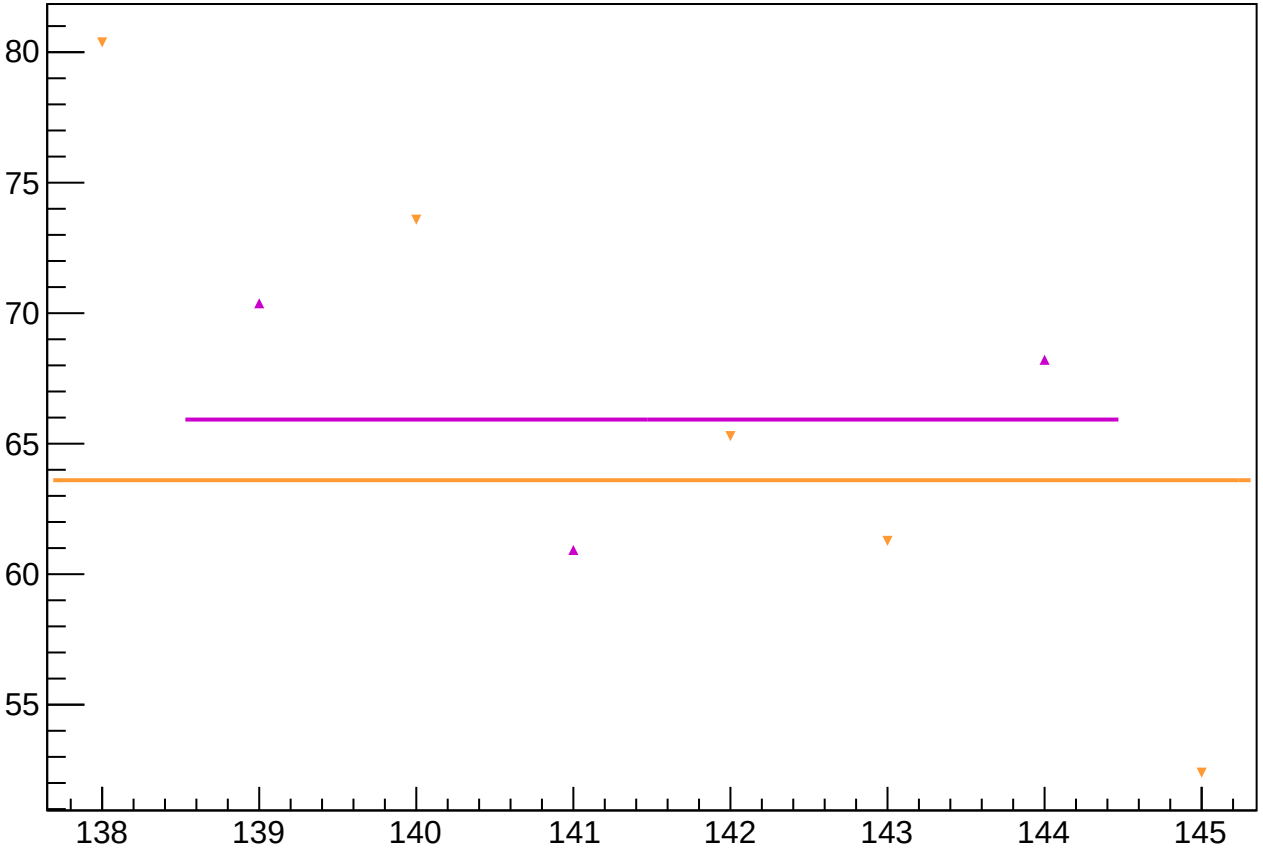
Left In: 12.238+/-42.241 χ^2/NDF:0.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 61.895+/-27.134 χ^2/NDF: 4.9/7

- 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: 63.600+/-0.025 χ^2/NDF:161117.6/4

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

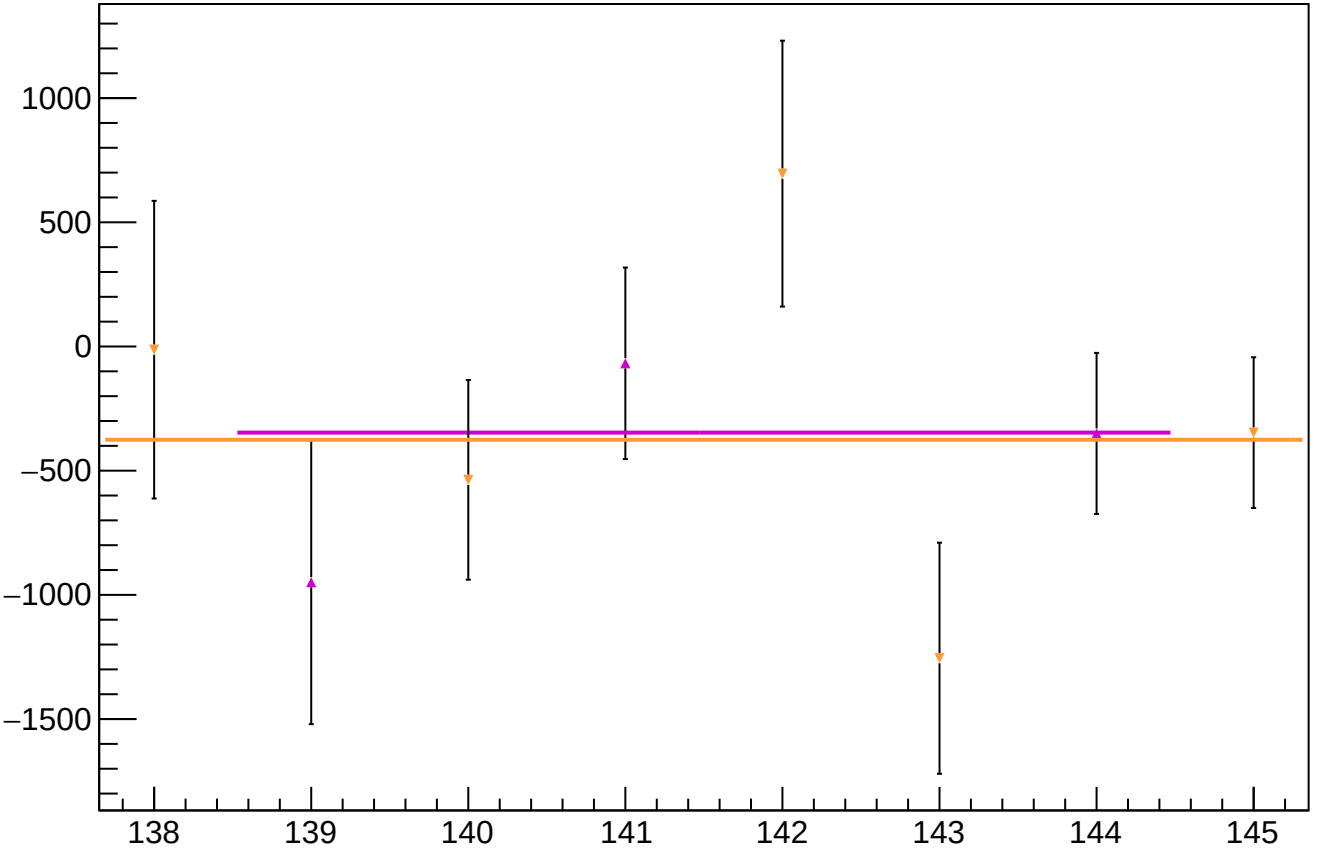
Left In: 65.925+/-0.030 χ^2/NDF:19346.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 64.559+/-0.019 χ^2/NDF: 184021.4/7

- 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: -375.550+/-189.179 χ^2/NDF:8.1/4

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

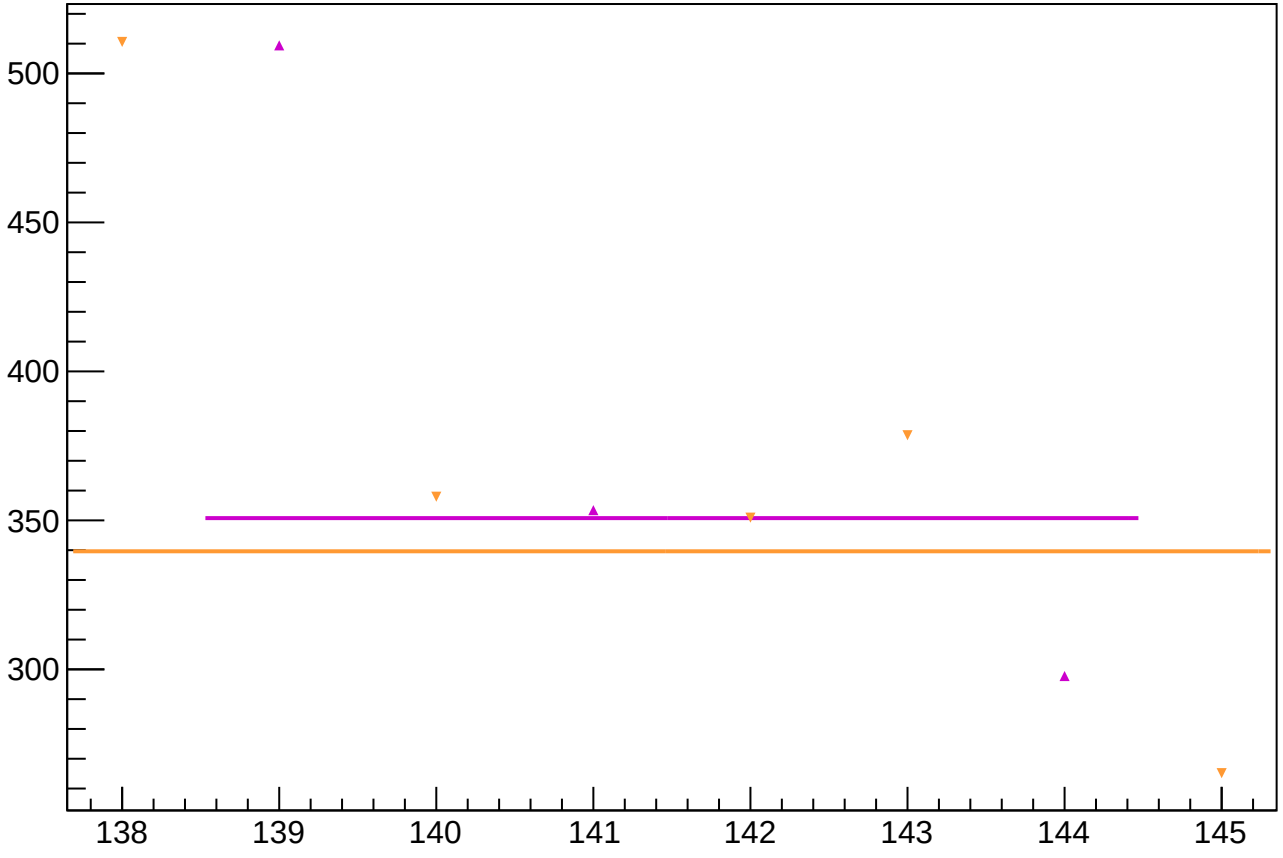
Left In: -346.651+/-227.632 χ^2/NDF:1.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -363.744+/-145.493 χ^2/NDF: 9.8/7

- 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: 339.624+/-0.134 χ^2/NDF:302297.2/4

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

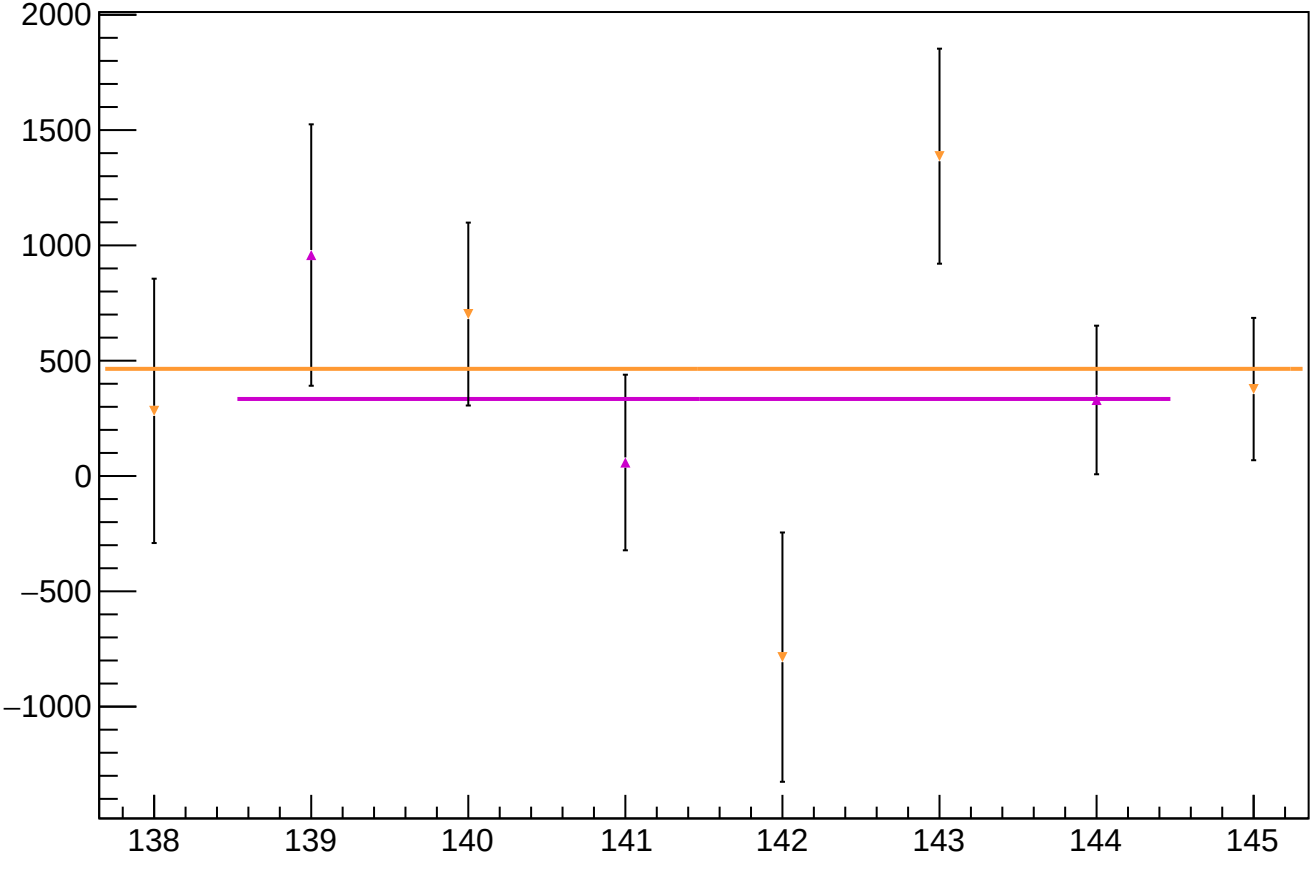
Left In: 350.759+/-0.161 χ^2/NDF:207672.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 344.173+/-0.103 χ^2/NDF: 512800.5/7

- 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: 464.679+/-189.219 χ^2/NDF:9.8/4

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

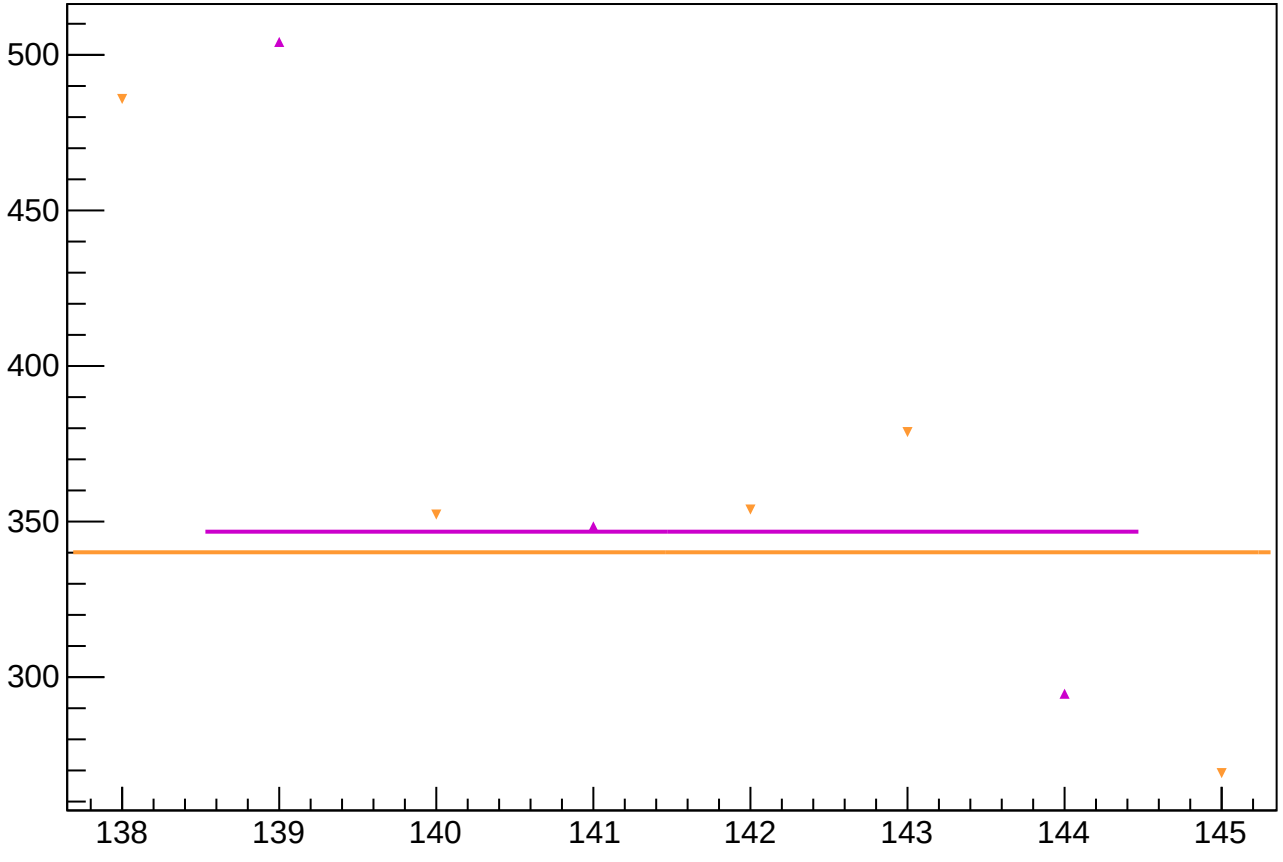
Left In: 334.054+/-225.609 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 410.738+/-144.978 χ^2/NDF: 11.7/7

- 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: 340.129+/-0.134 χ^2/NDF:251986.2/4

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

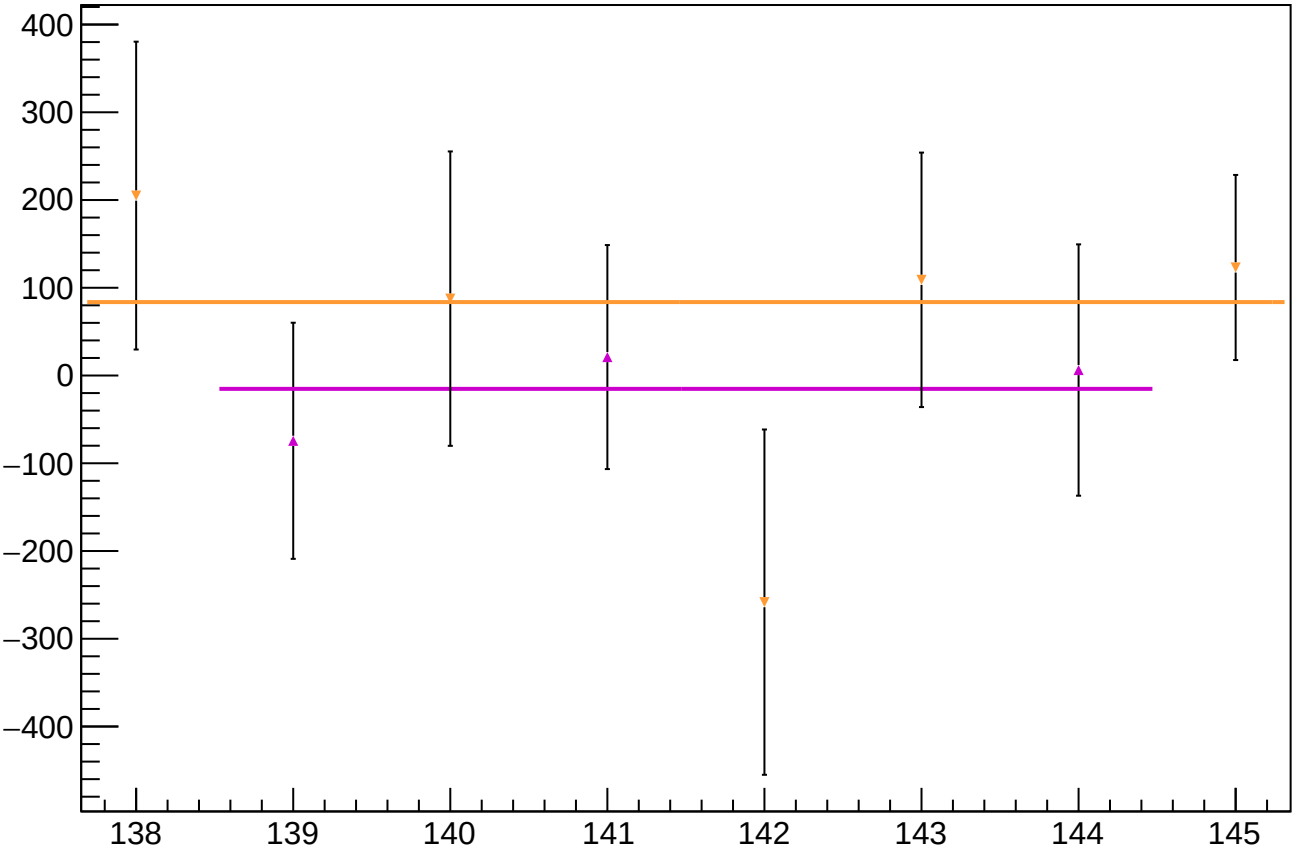
Left In: 346.746+/-0.160 χ^2/NDF:206588.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 342.861+/-0.103 χ^2/NDF: 459584.8/7

- 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: 83.686+/-65.753 χ^2/NDF:3.7/4

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

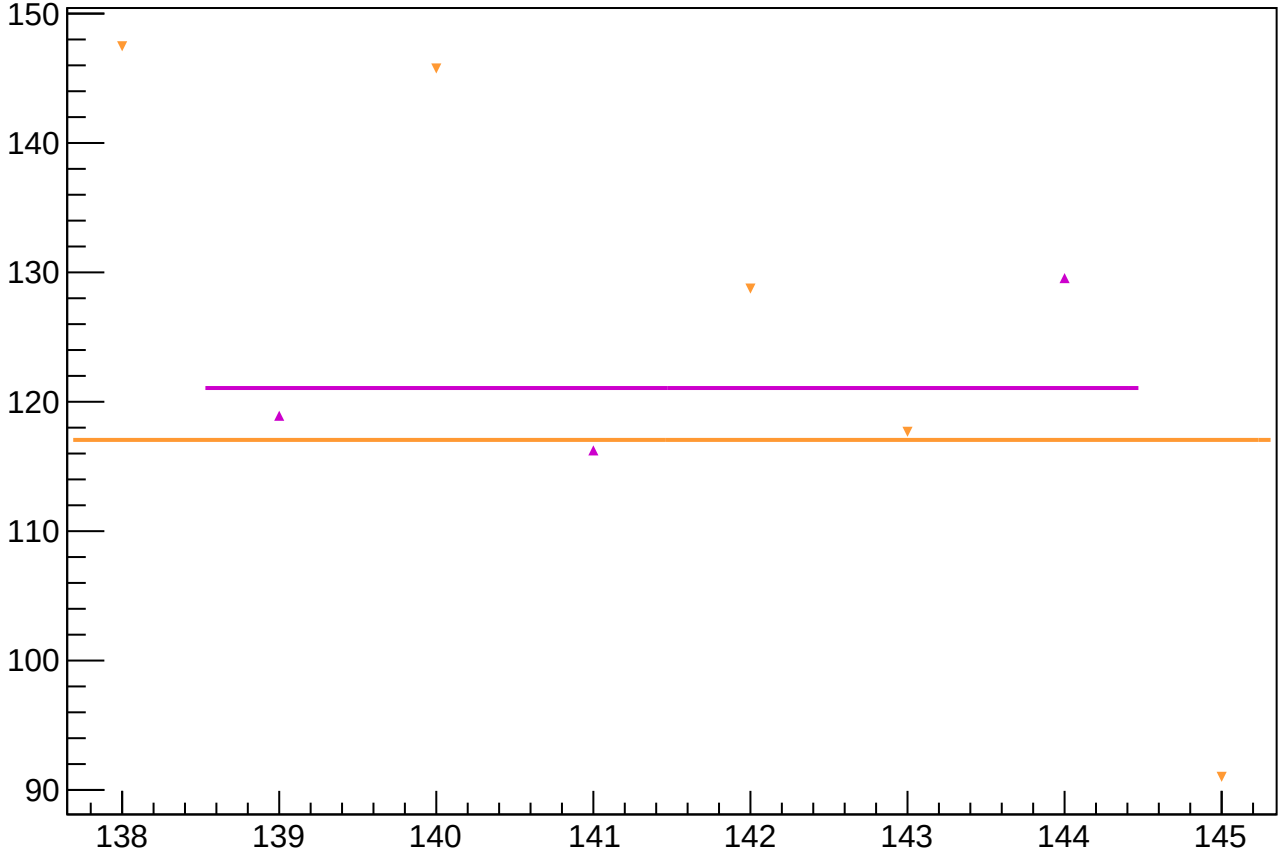
Left In: -15.206+/-77.765 χ^2/NDF:0.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 42.460+/-50.211 χ^2/NDF: 4.9/7

- 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: 117.053+/-0.046 χ^2/NDF:247689.4/4

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

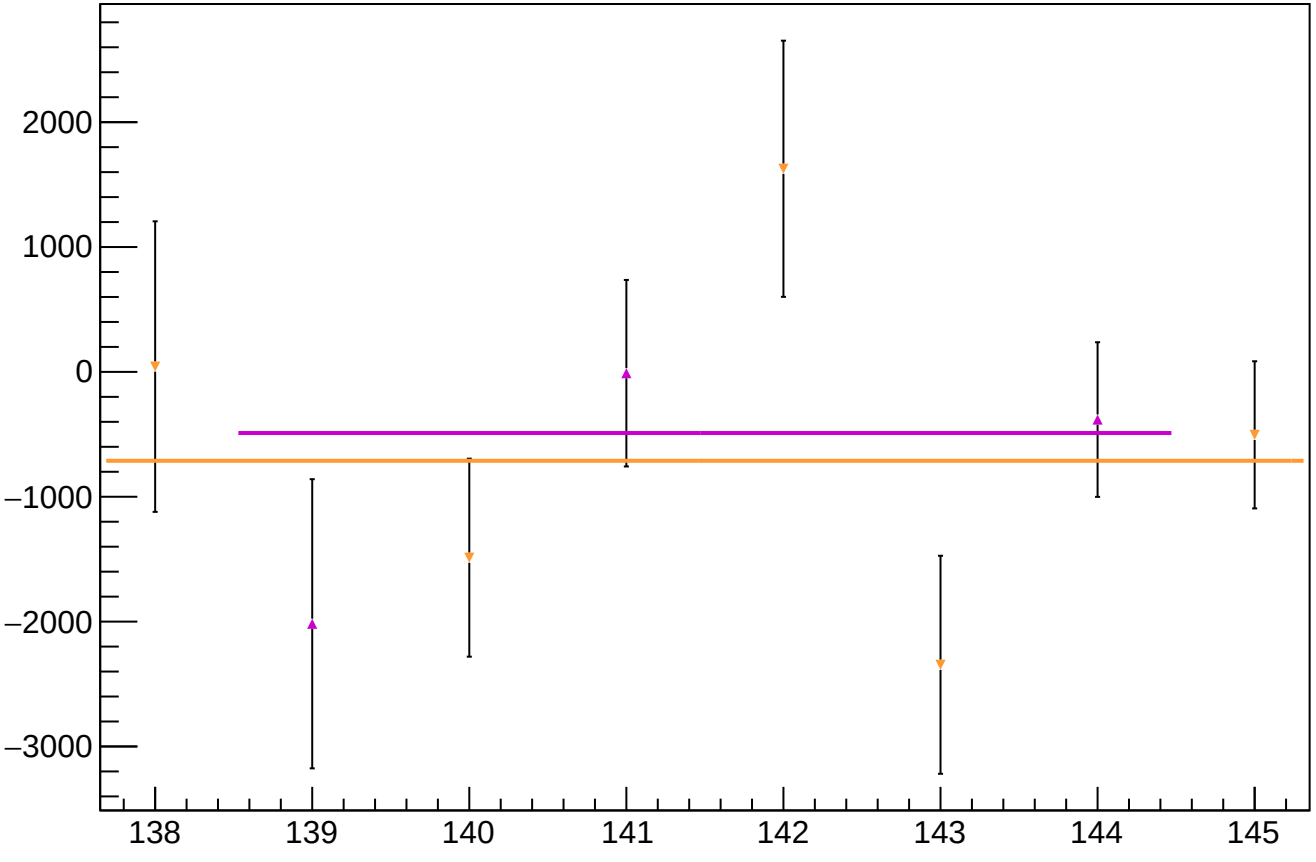
Left In: 121.063+/-0.055 χ^2/NDF:10394.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 118.725+/-0.036 χ^2/NDF: 261184.8/7

- 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: -711.852+/-365.871 χ^2/NDF:10.2/4

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

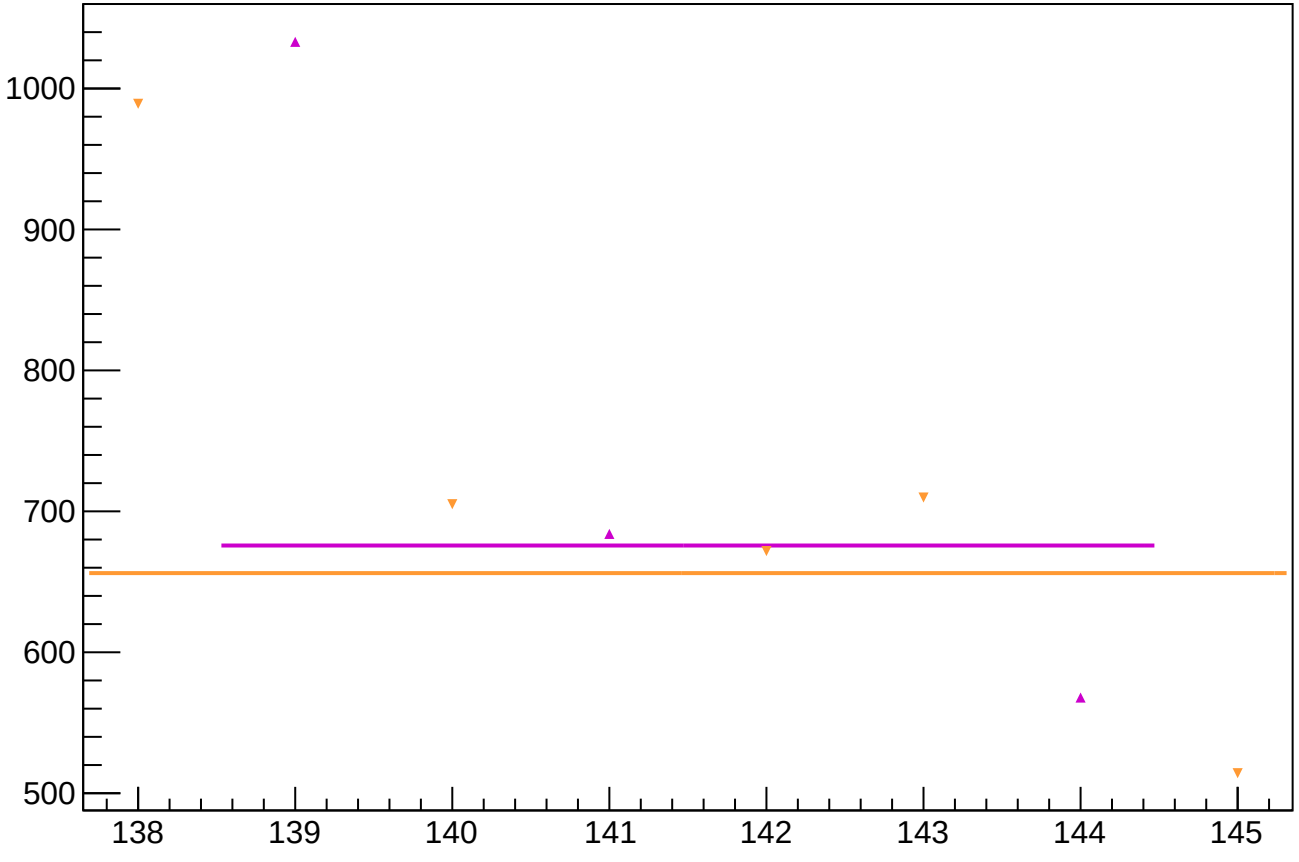
Left In: -489.476+/-440.850 χ^2/NDF:2.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -621.155+/-281.542 χ^2/NDF: 12.5/7

- 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: 656.181+/-0.259 χ^2/NDF:295482.4/4

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

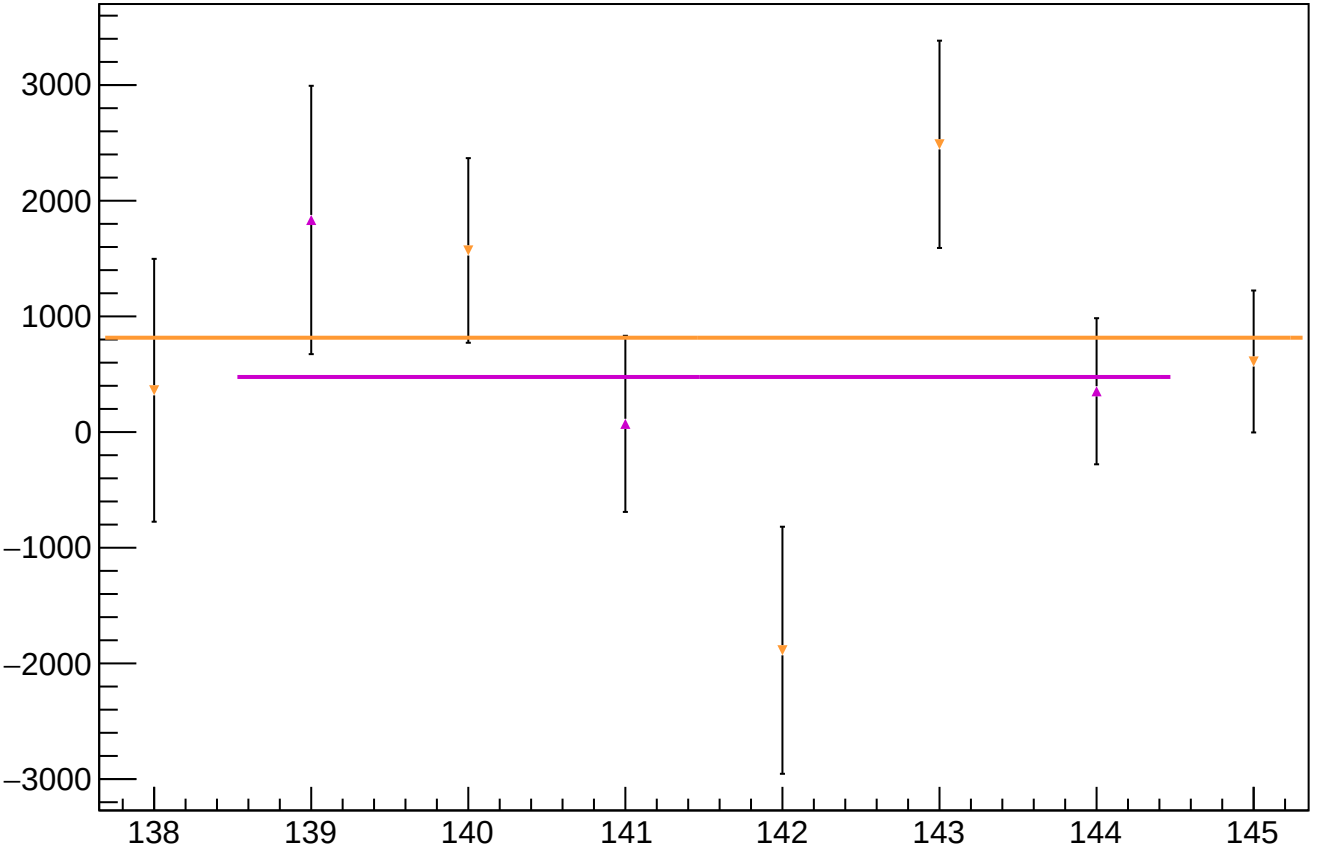
Left In: 675.757+/-0.312 χ^2/NDF:251391.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 664.165+/-0.199 χ^2/NDF: 549209.1/7

- 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: 815.727+/-374.693 χ^2/NDF:11.0/4

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

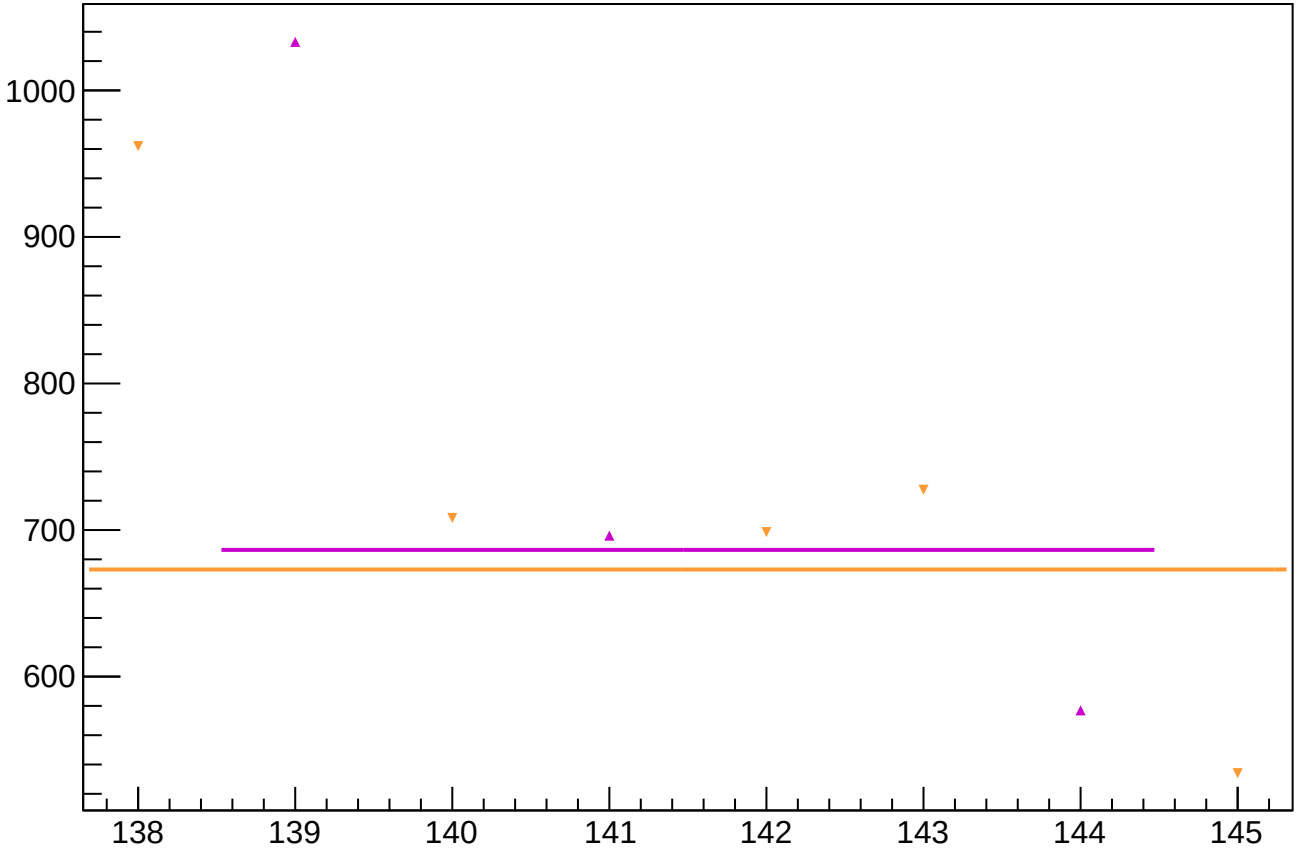
Left In: 476.331+/-448.321 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 676.150+/-287.502 χ^2/NDF: 13.1/7

- 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: 673.070+/-0.265 χ^2/NDF:244301.5/4

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

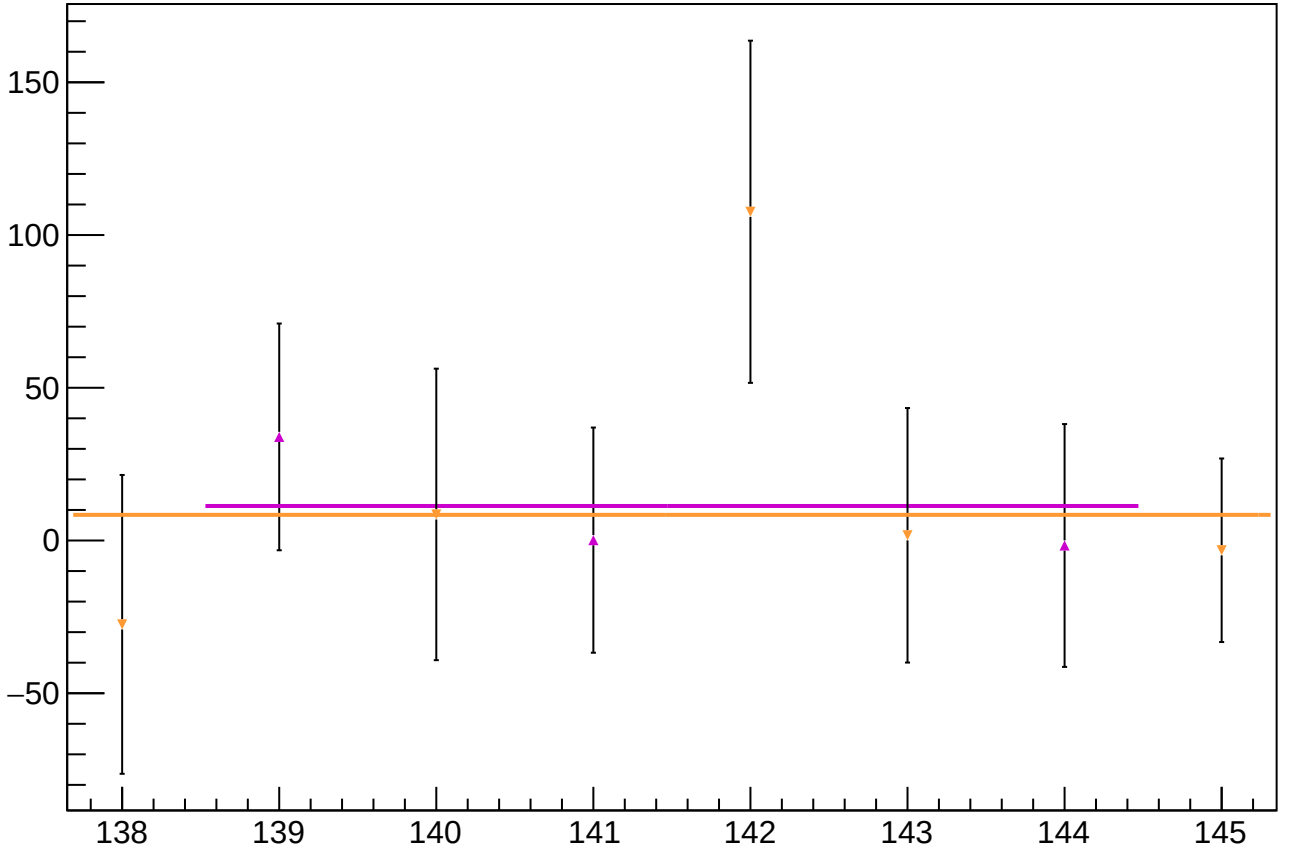
Left In: 686.457+/-0.317 χ^2/NDF:239061.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 678.575+/-0.203 χ^2/NDF: 484412.6/7

- 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: 8.400+/-18.699 χ^2/NDF:3.9/4

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

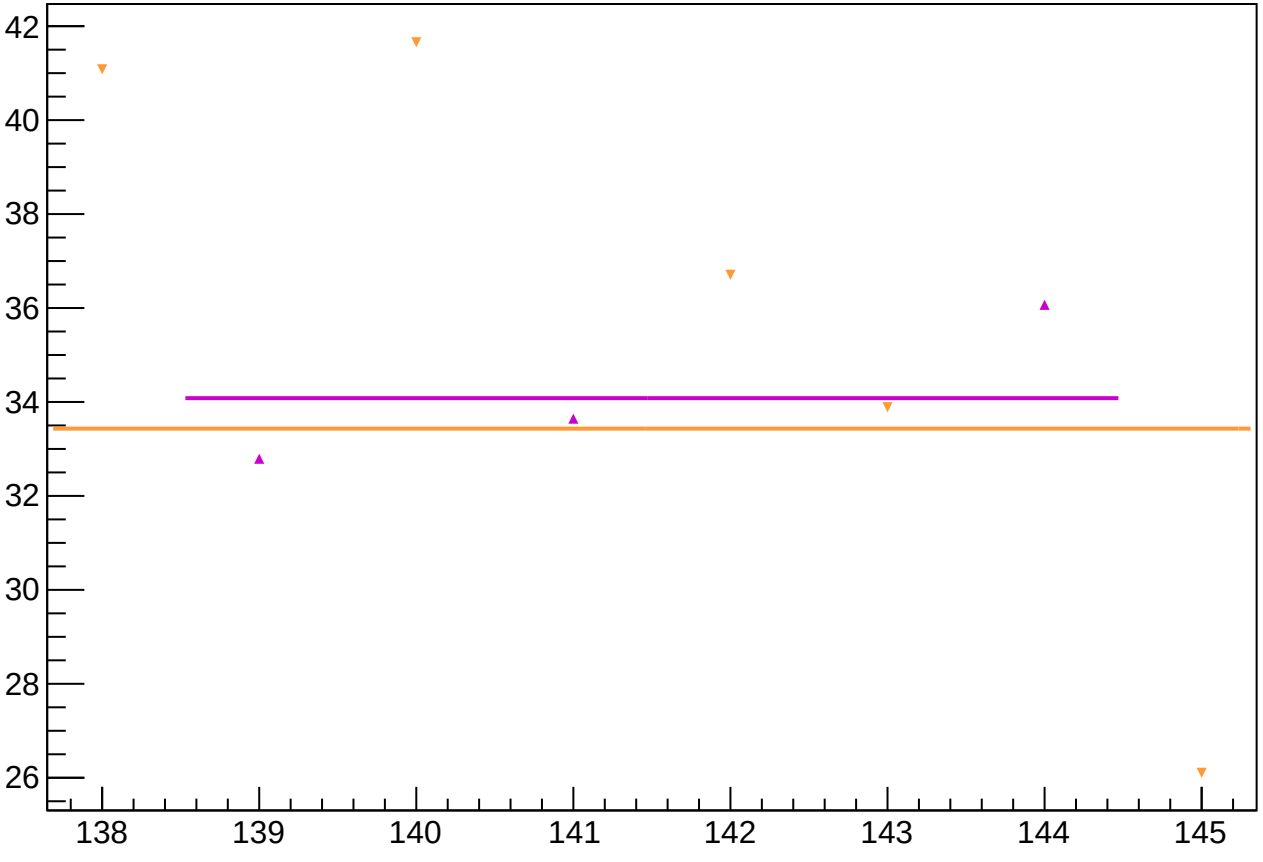
Left In: 11.302+/-21.847 χ^2/NDF:0.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.627+/-14.206 χ^2/NDF: 4.4/7

- 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: 33.432+/-0.013 χ^2/NDF:234364.6/4

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

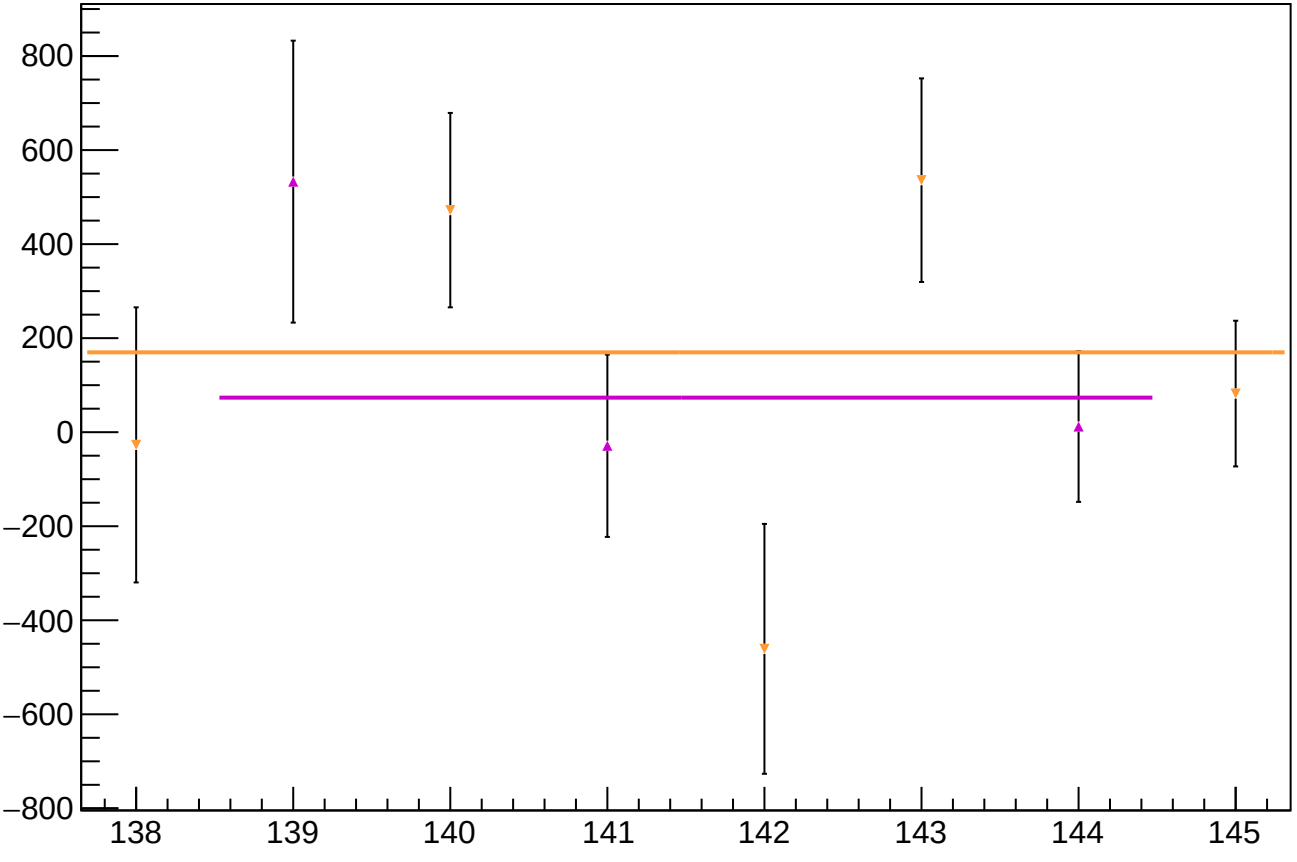
Left In: 34.081+/-0.015 χ^2/NDF:7693.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 33.707+/-0.010 χ^2/NDF: 243075.6/7

- 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: 169.870+/-94.392 χ^2/NDF:11.4/4

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

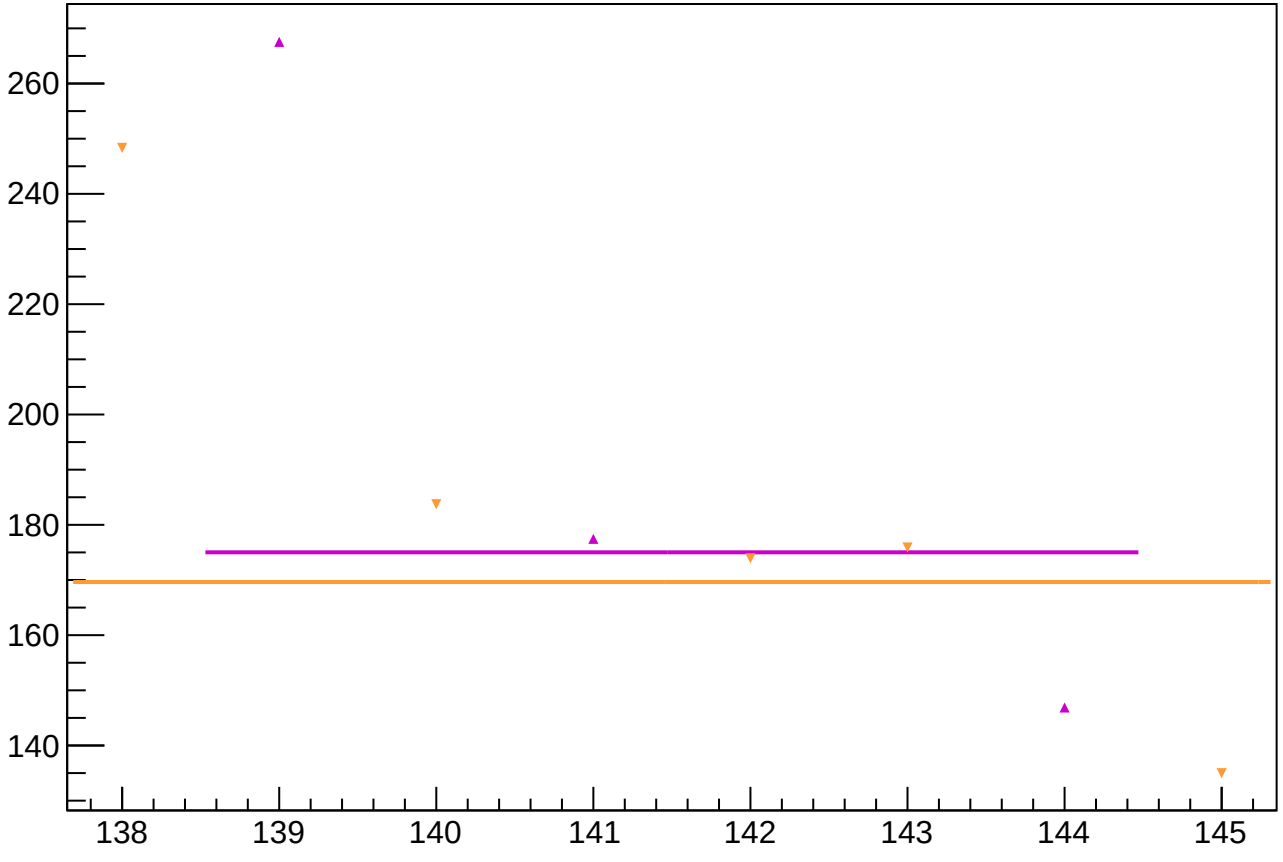
Left In: 73.474+/-114.229 χ^2/NDF:2.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 130.756+/-72.764 χ^2/NDF: 14.6/7

- 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: 169.635+/-0.067 χ^2/NDF:256291.7/4

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

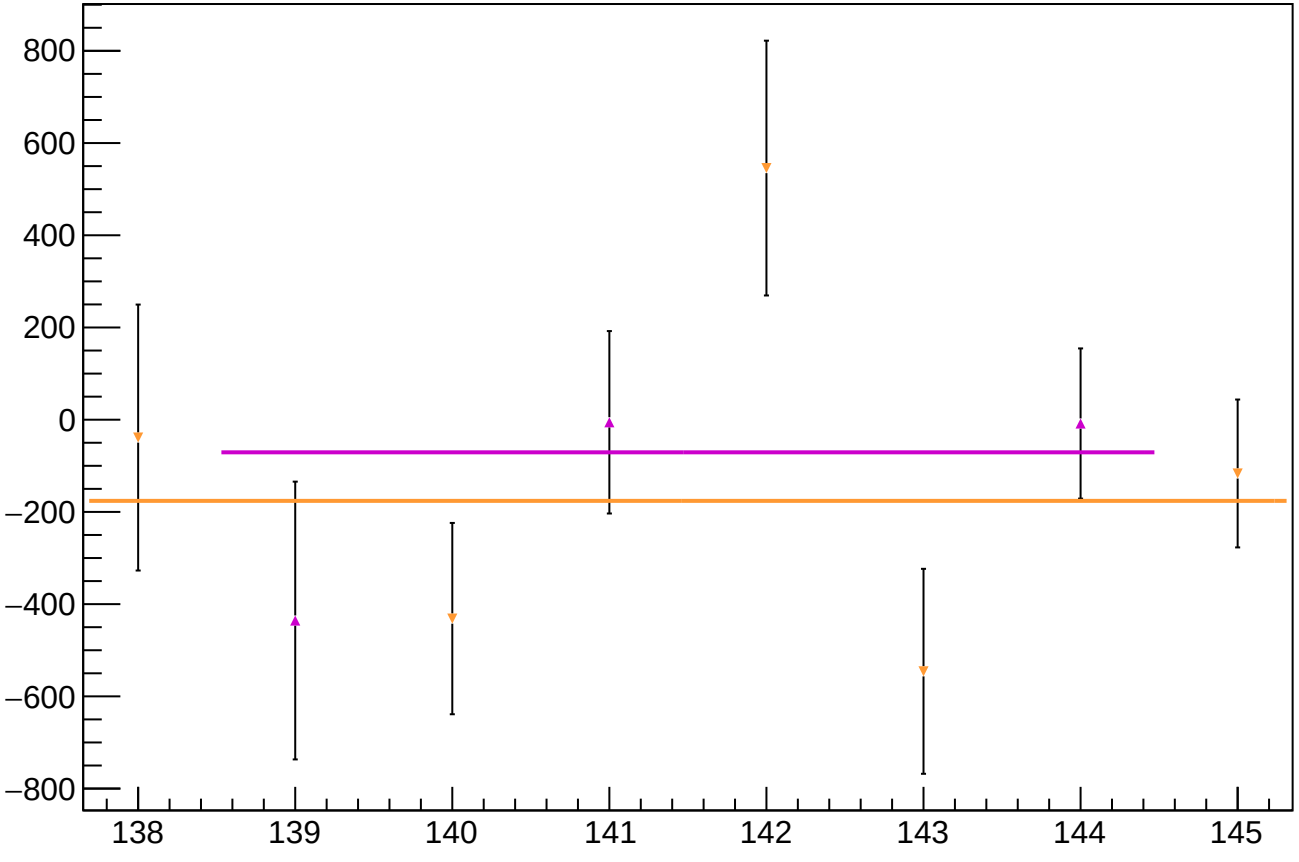
Left In: 175.018+/-0.081 χ^2/NDF:252417.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 171.820+/-0.051 χ^2/NDF: 511348.4/7

- 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: -176.027+/-96.459 χ^2/NDF:11.5/4

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

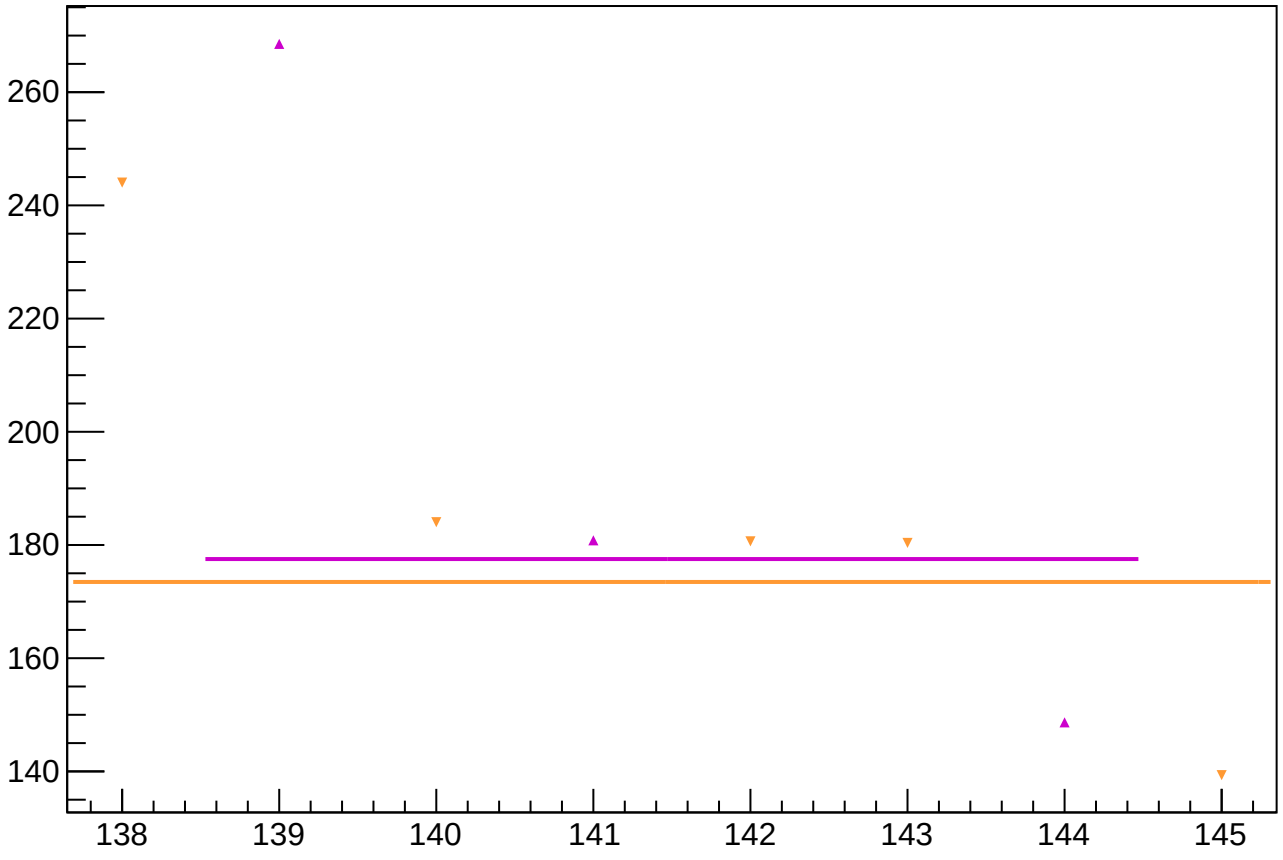
Left In: -70.749+/-116.034 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -133.005+/-74.176 χ^2/NDF: 13.7/7

- 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: 173.470+/-0.068 χ^2/NDF:218757.3/4

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

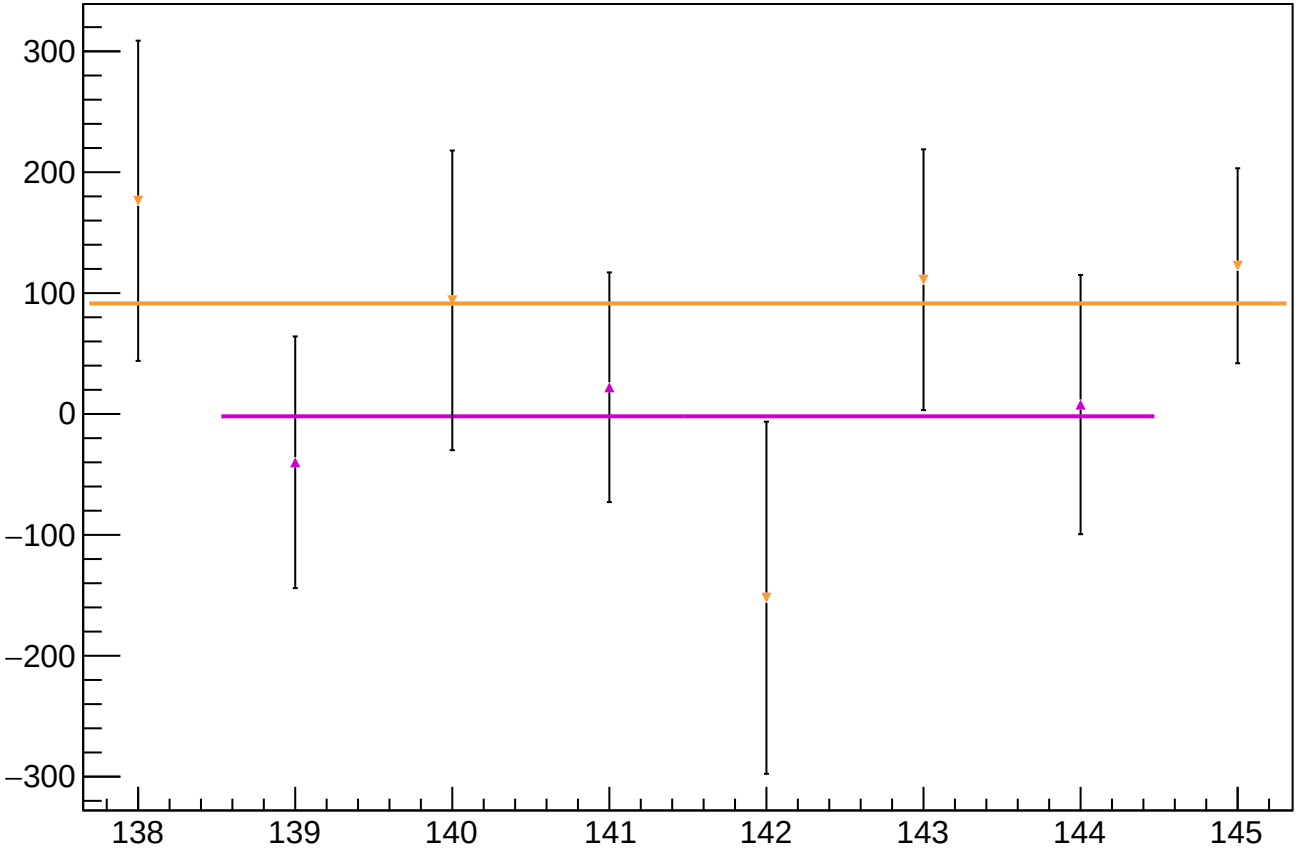
Left In: 177.516+/-0.082 χ^2/NDF:245901.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 175.124+/-0.052 χ^2/NDF: 466097.1/7

- 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: 91.474+/-49.447 χ^2/NDF:3.4/4

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

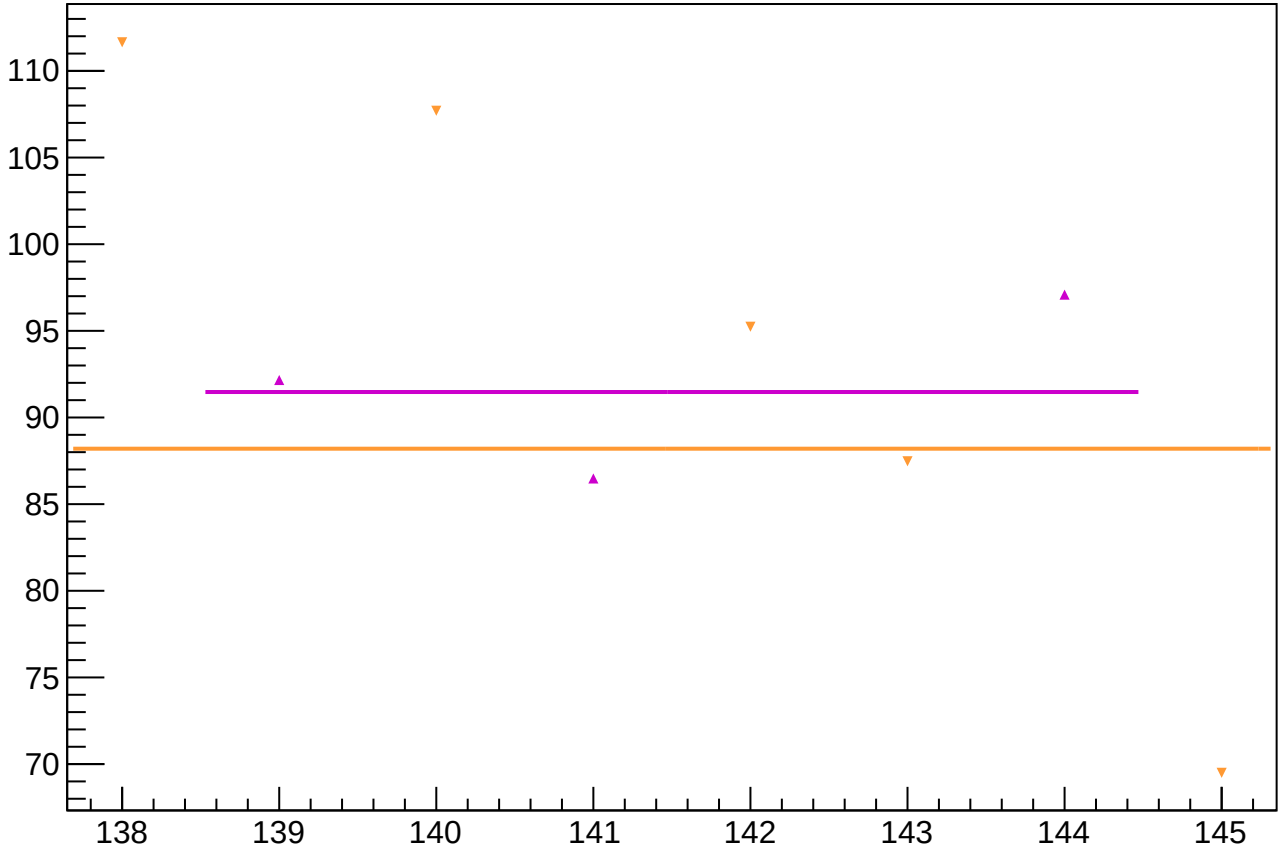
Left In: -1.925+/-58.719 χ^2/NDF:0.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 52.722+/-37.822 χ^2/NDF: 5.1/7

- 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: 88.200+/-0.035 χ^2/NDF:224575.8/4

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

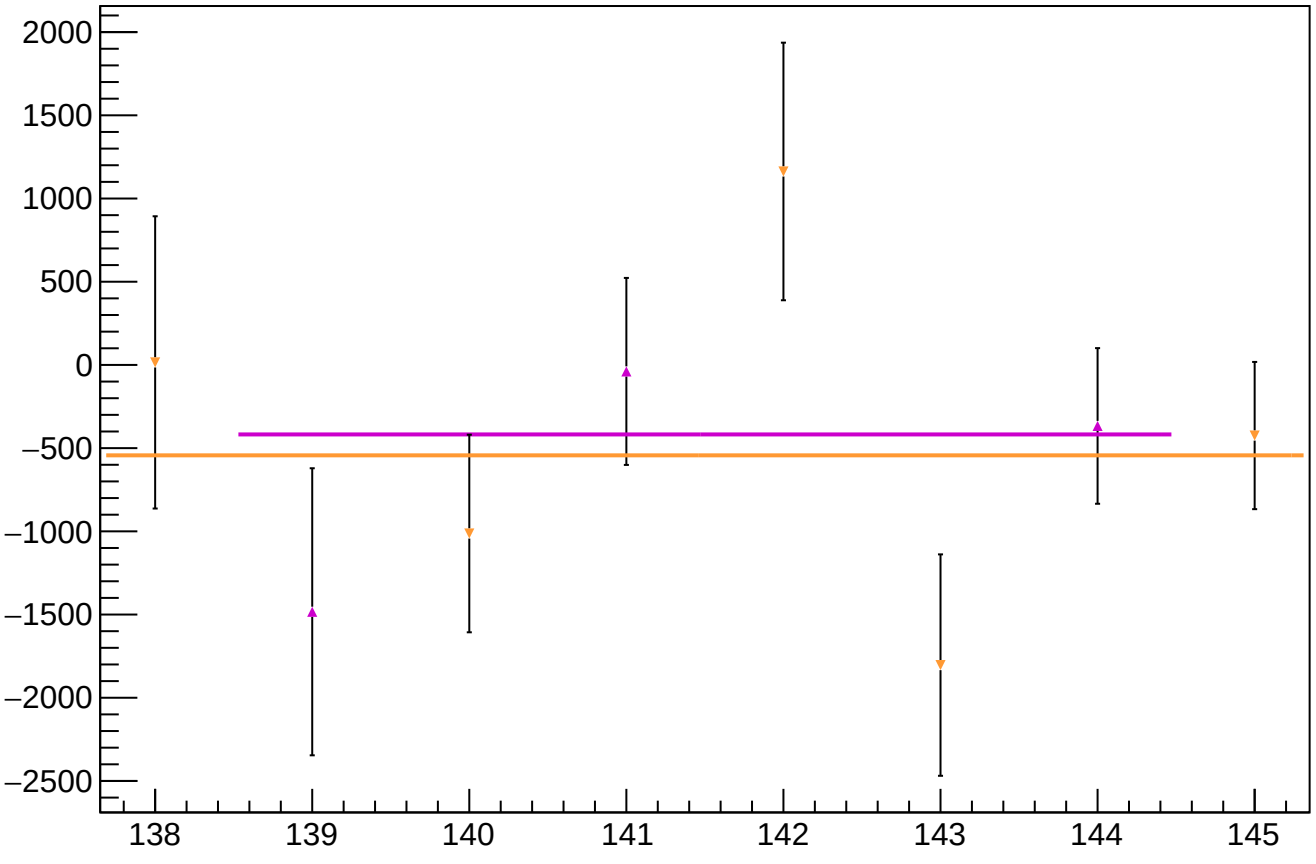
Left In: 91.470+/-0.042 χ^2/NDF:11096.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 89.557+/-0.027 χ^2/NDF: 239303.3/7

- 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: -543.291+/-275.525 χ^2/NDF:9.5/4

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

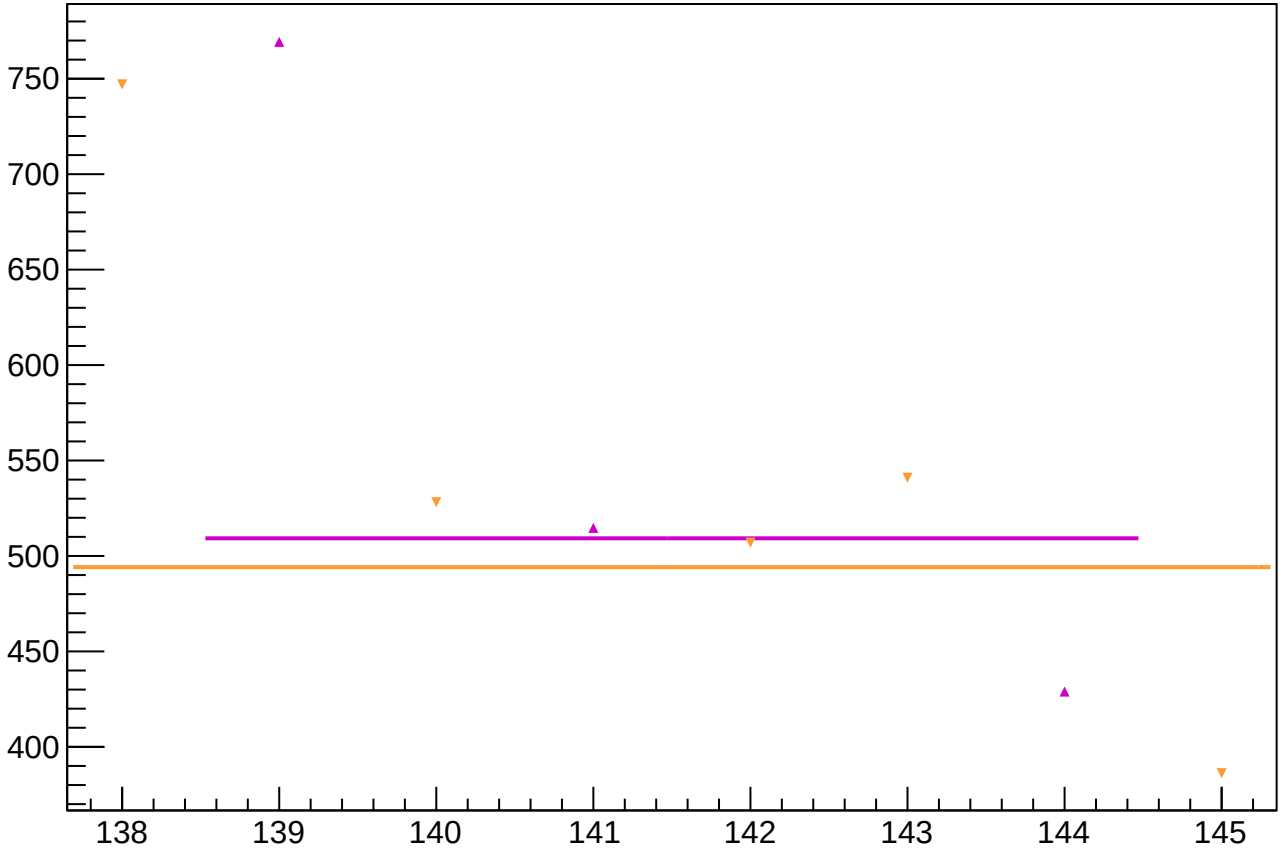
Left In: -417.640+/-331.781 χ^2/NDF:2.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -492.006+/-211.965 χ^2/NDF: 11.6/7

- 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: 494.142+/-0.195 χ^2/NDF:301985.6/4

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

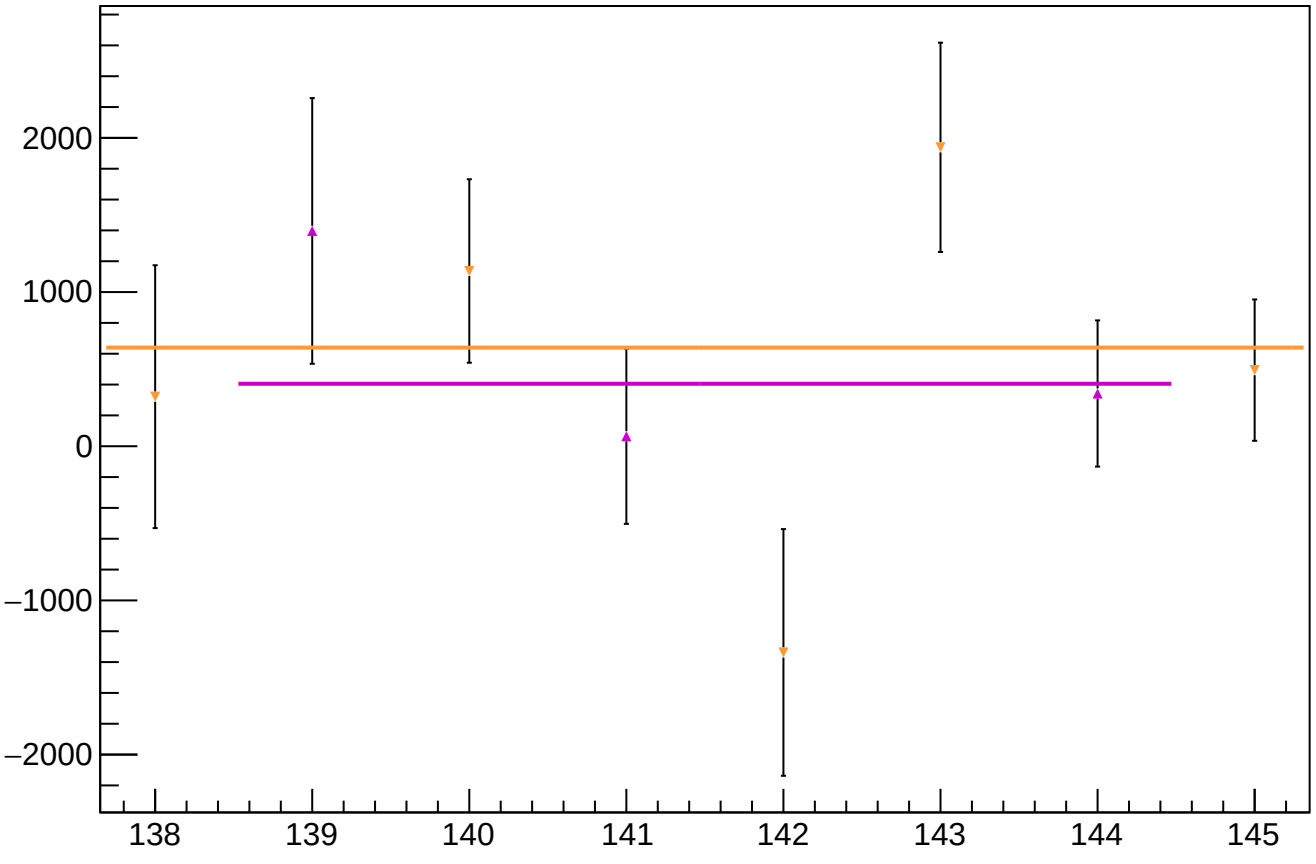
Left In: 509.239+/-0.235 χ^2/NDF:240956.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 500.304+/-0.150 χ^2/NDF: 545392.7/7

- 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: 639.811+/-280.699 χ^2/NDF:10.7/4

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

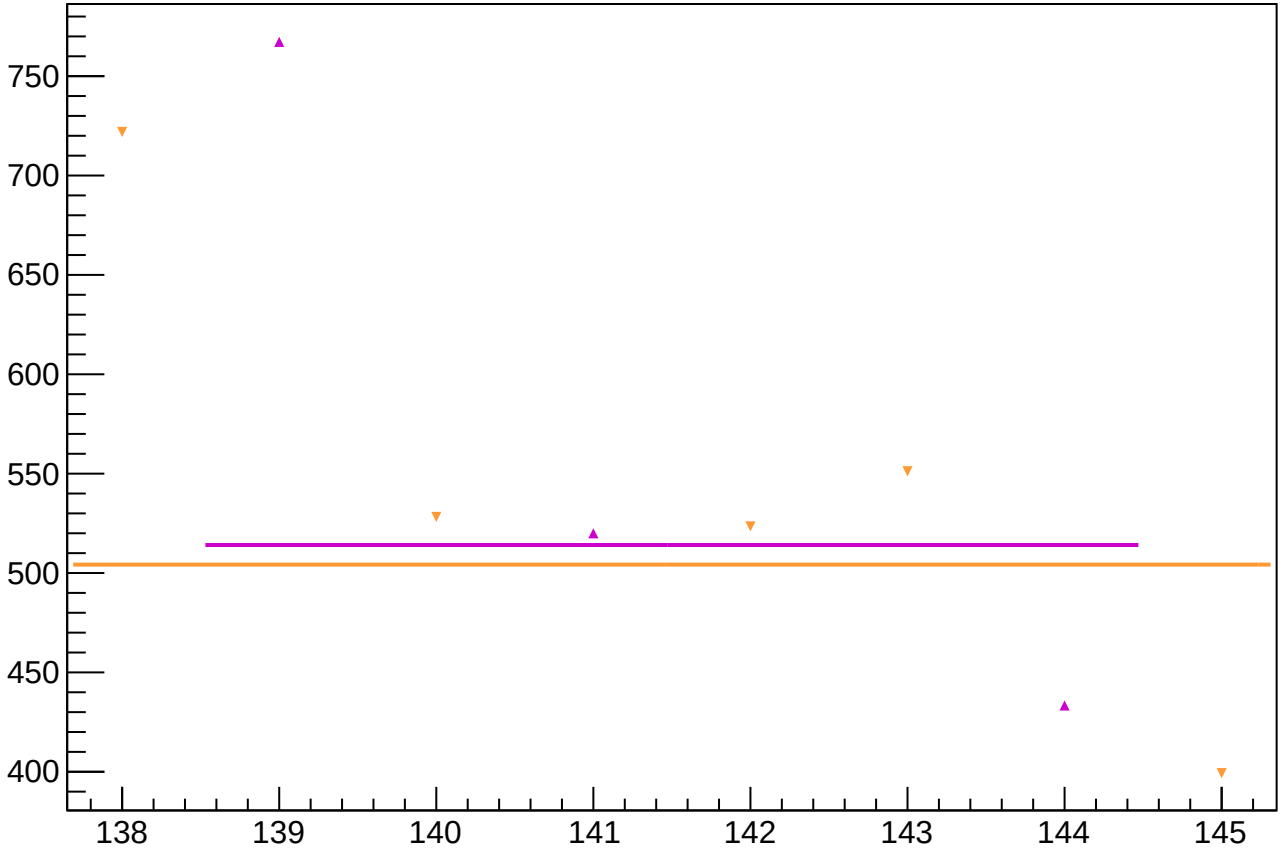
Left In: 405.272+/-335.422 χ^2/NDF:1.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 543.210+/-215.266 χ^2/NDF: 12.7/7

- 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: 504.234+/-0.198 χ^2/NDF:249229.6/4

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

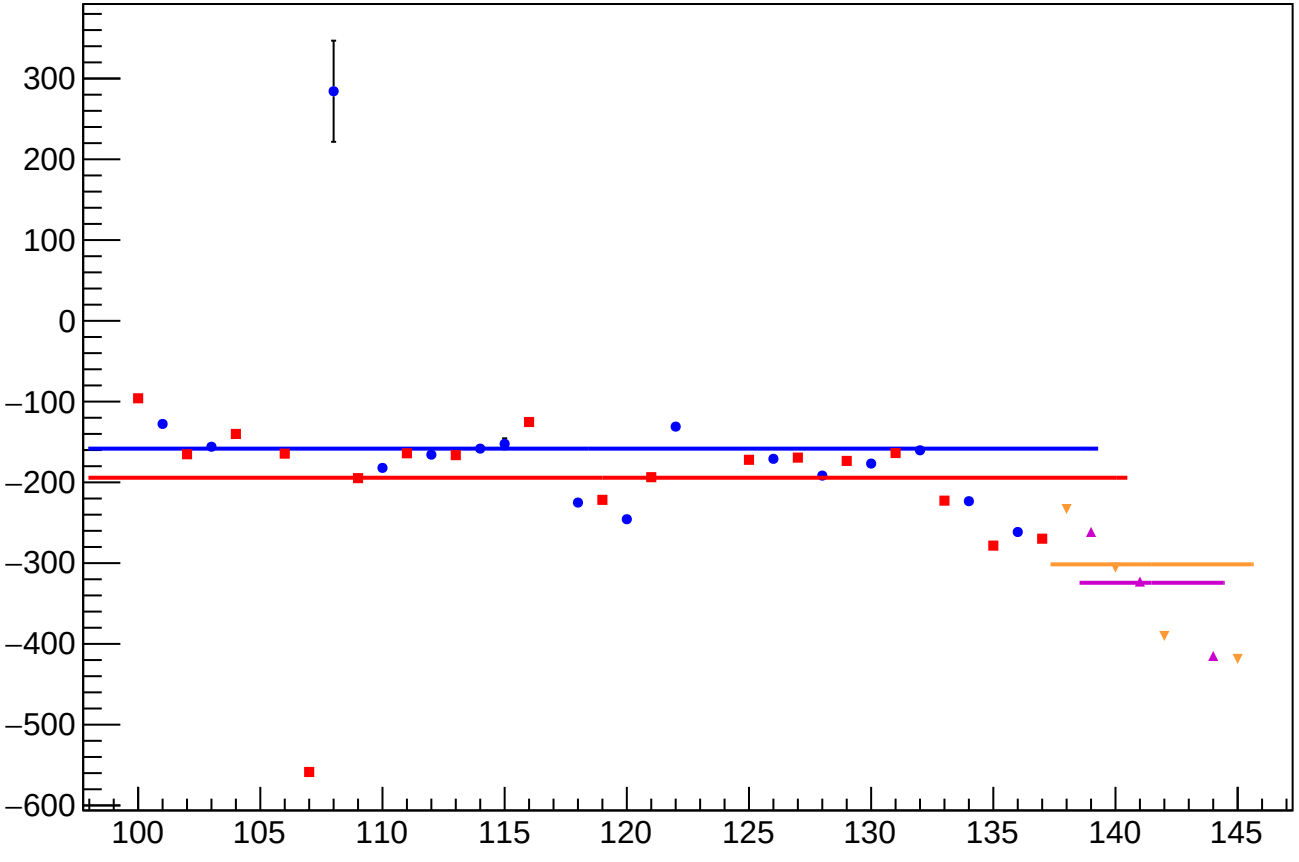
Left In: 514.093+/-0.237 χ^2/NDF:230801.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 508.295+/-0.152 χ^2/NDF: 481047.2/7

- 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: -301.516+/-0.447 χ^2/NDF:14747.3/3

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

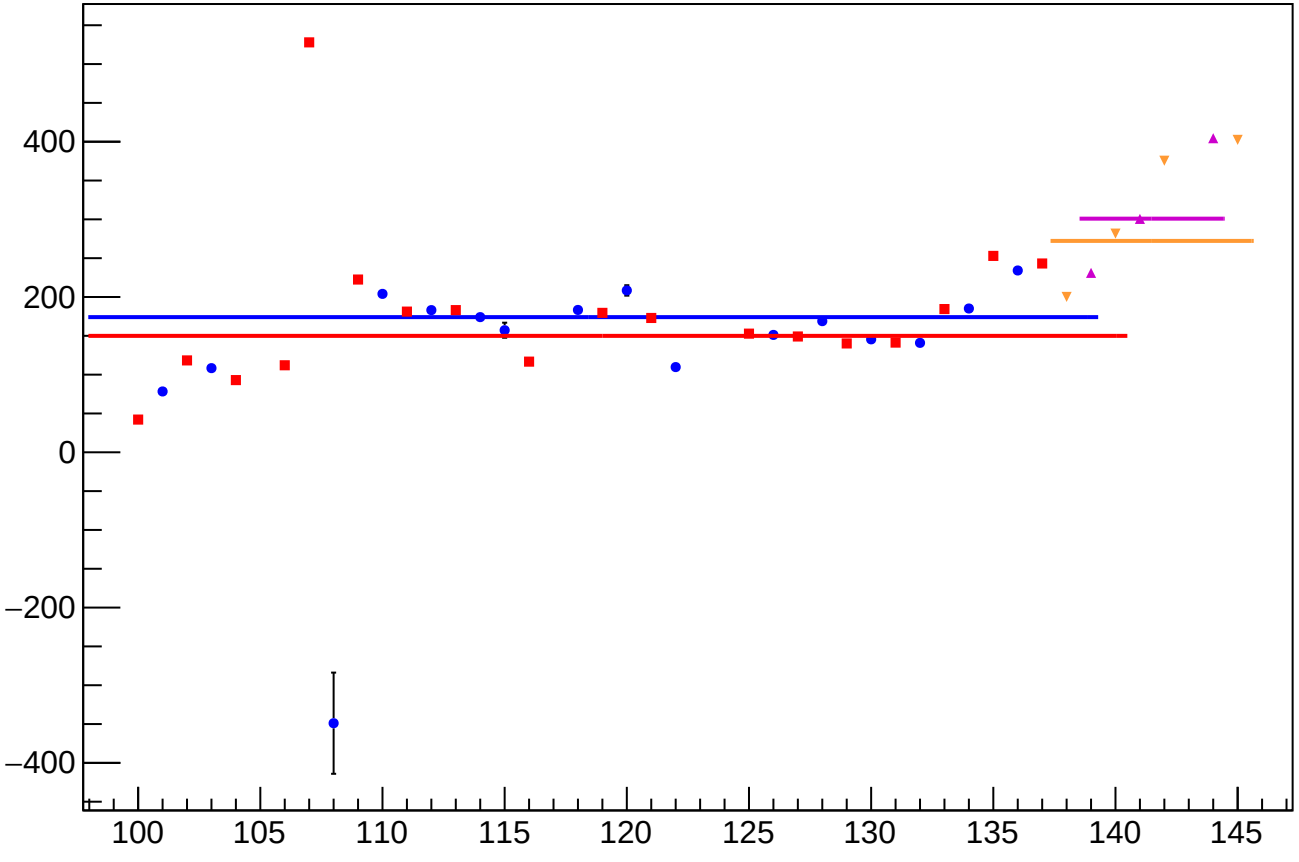
Left In: -324.327+/-0.378 χ^2/NDF:11926.2/2

+ sign -158.222+/-0.000 χ^2/NDF: 234504.8/19

All: -158.222+/-0.000 χ^2/NDF: 664093.5/40

- sign -215.146+/-0.151 χ^2/NDF: 288052.1/20

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 272.249+/-0.480 χ^2/NDF:15818.2/3

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

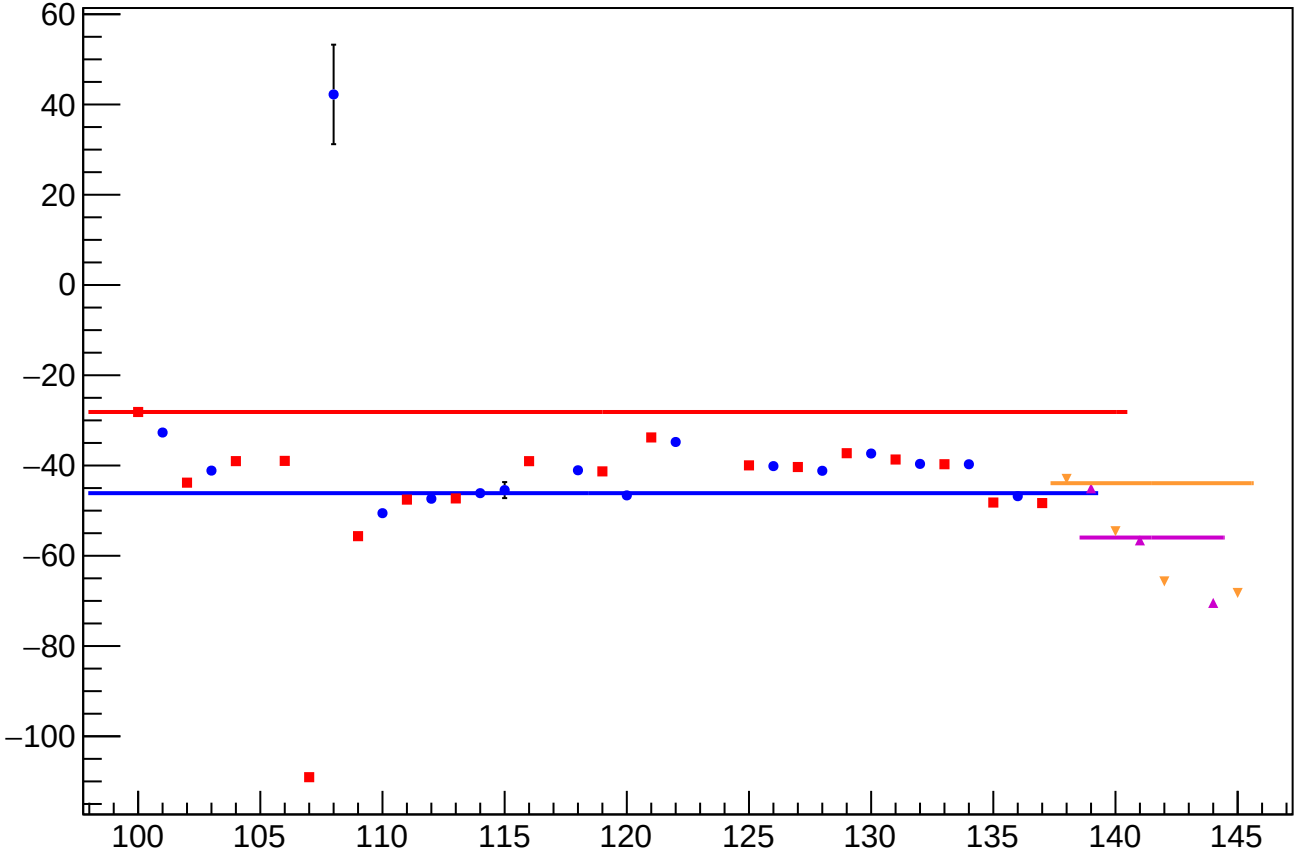
Left In: 300.903+/-0.402 χ^2/NDF:11923.0/2

+ sign 174.085+/-0.000 χ^2/NDF: 111060.9/19

All: 174.085+/-0.000 χ^2/NDF: 405657.6/40

- sign 178.848+/-0.176 χ^2/NDF: 293863.1/20

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -43.917+/-0.018 χ^2/NDF:44470.7/3

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

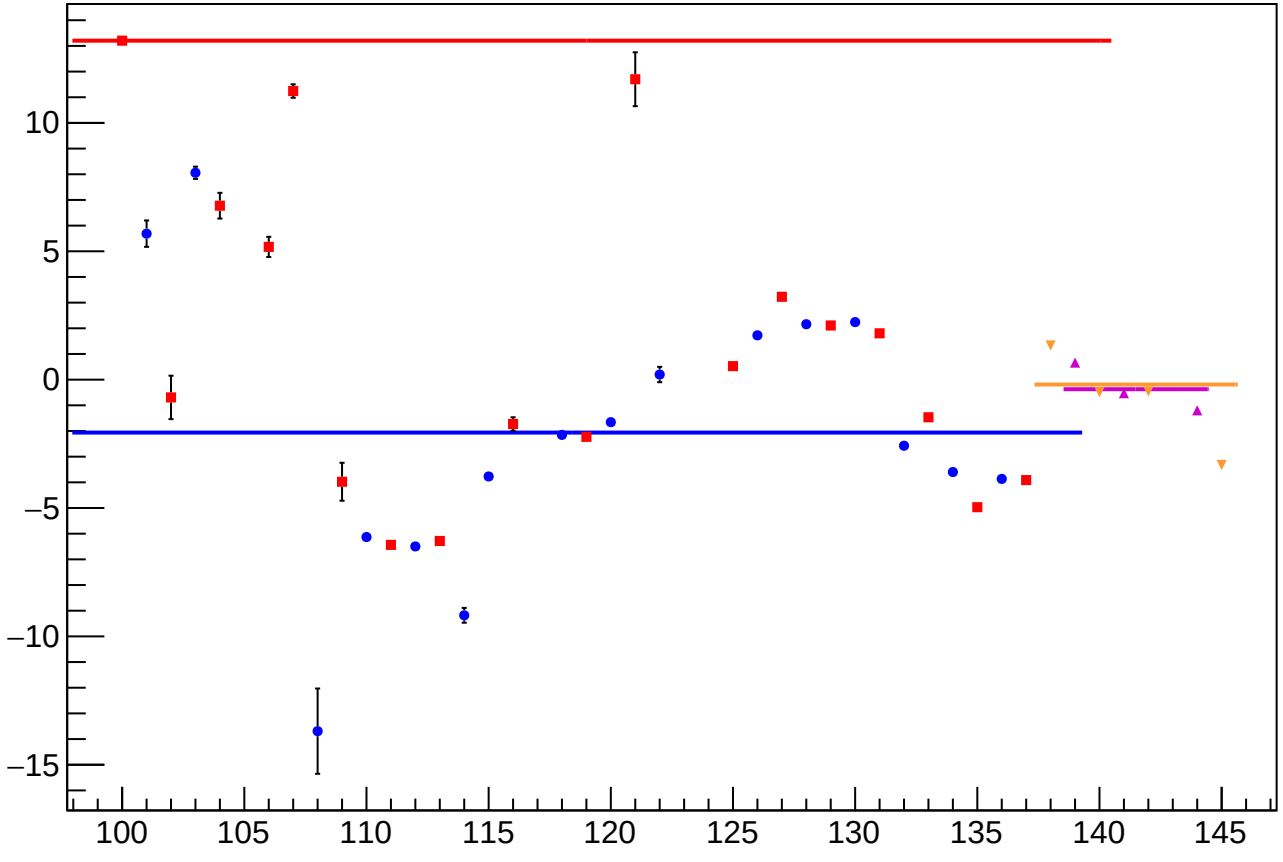
Left In: -55.961+/-0.043 χ^2/NDF:18447.5/2

+ sign -46.126+/-0.000 χ^2/NDF: 260684.0/19

All: -39.778+/-0.000 χ^2/NDF: 24879599323 1

- sign -28.139+/-0.000 χ^2/NDF: 1180210.0/20

dit_usl_4aY_slope vs Slug



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -0.189+/-0.025 χ^2/NDF:2012.0/3

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

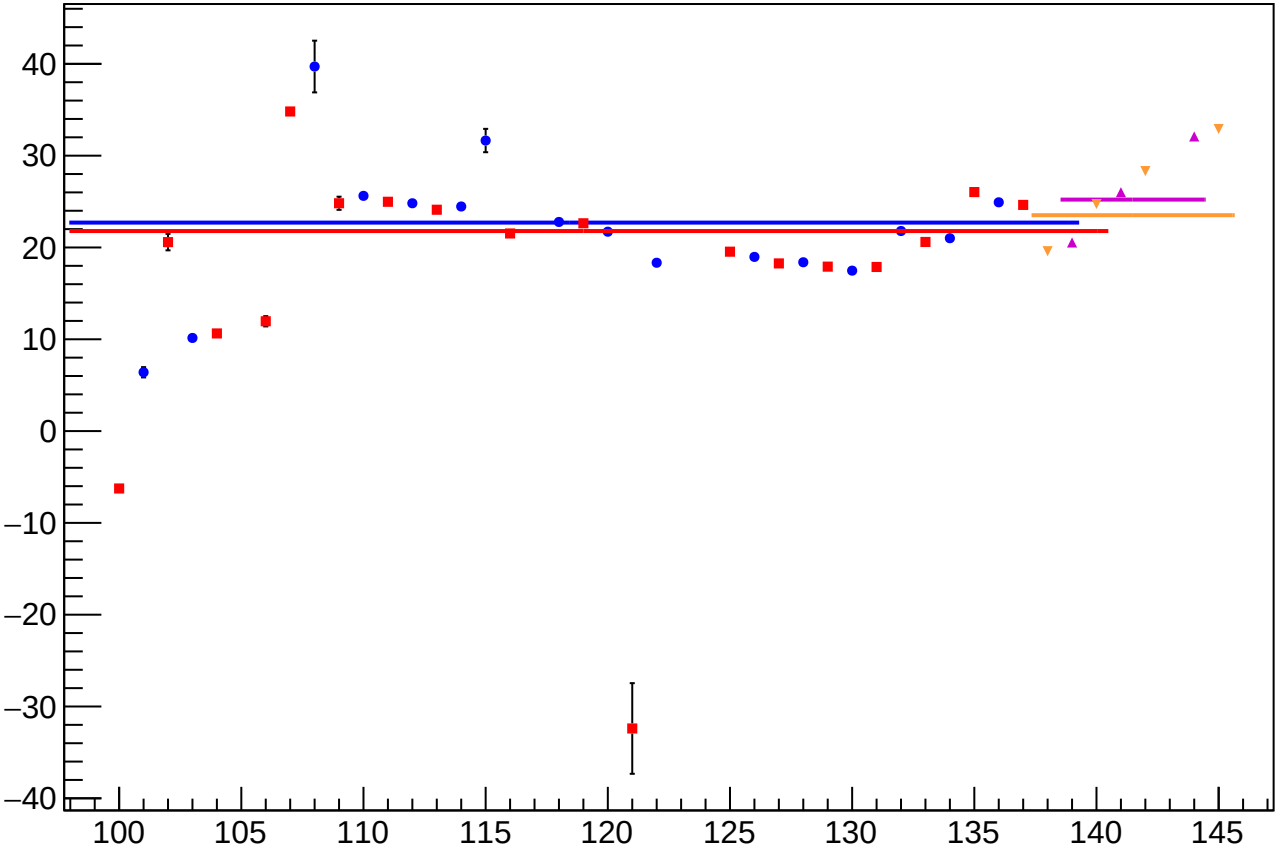
Left In: -0.372+/-0.021 χ^2/NDF:833.0/2

+ sign -1.435+/-0.015 χ^2/NDF: 31367.8/19

All: 13.204+/-0.000 χ^2/NDF: 1958200.1/40

- sign 13.204+/-0.000 χ^2/NDF: 913032.5/20

dit_usl_4eY_slope vs Slug



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 23.516+/-0.045 χ^2/NDF:6925.2/3

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

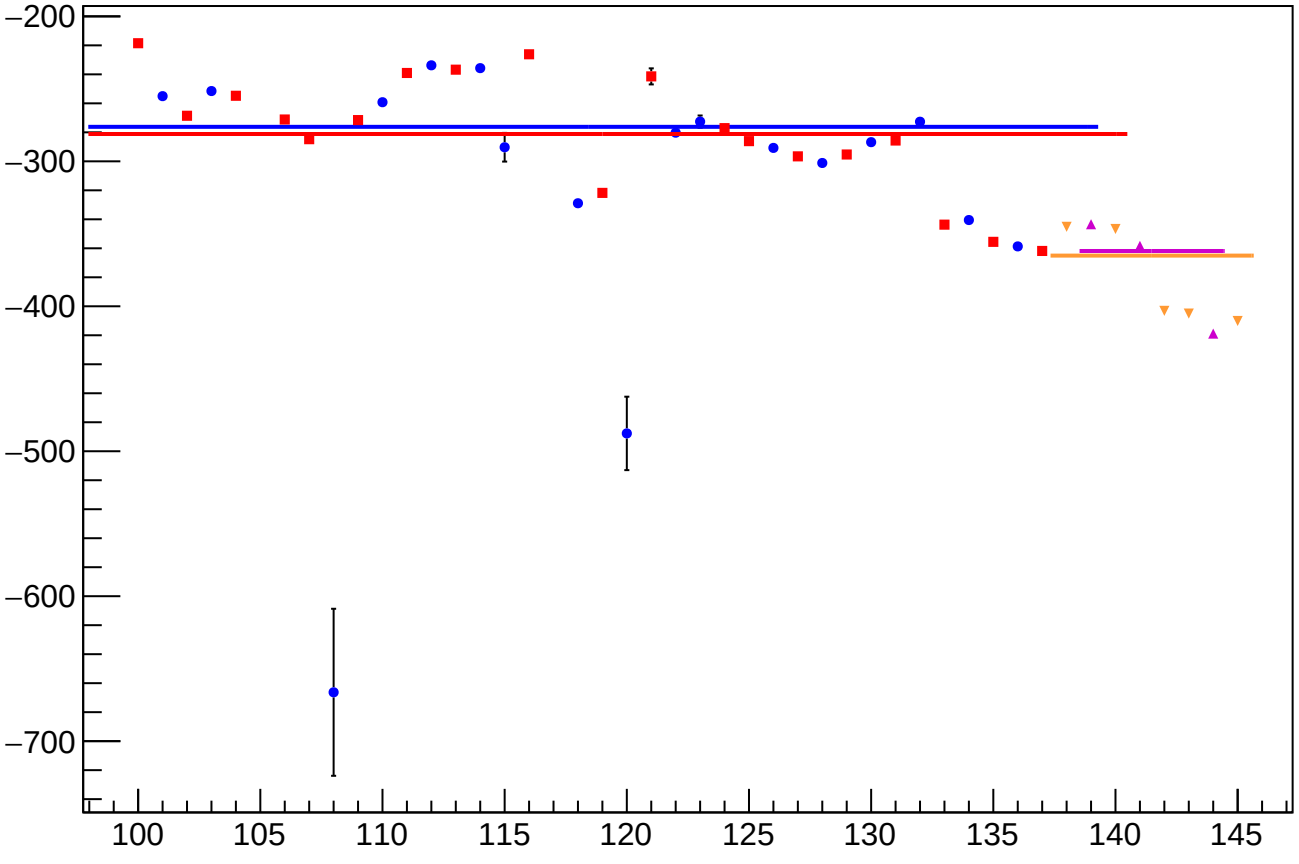
Left In: 25.214+/-0.039 χ^2/NDF:7647.6/2

+ sign 22.830+/-0.017 χ^2/NDF: 29967.4/19

All: 22.716+/-0.013 χ^2/NDF: 70221.7/40

- sign 22.580+/-0.019 χ^2/NDF: 40158.9/20

dit_usr_4aX_slope vs Slug



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -365.039+/-0.295 χ^2/NDF:8742.8/4

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

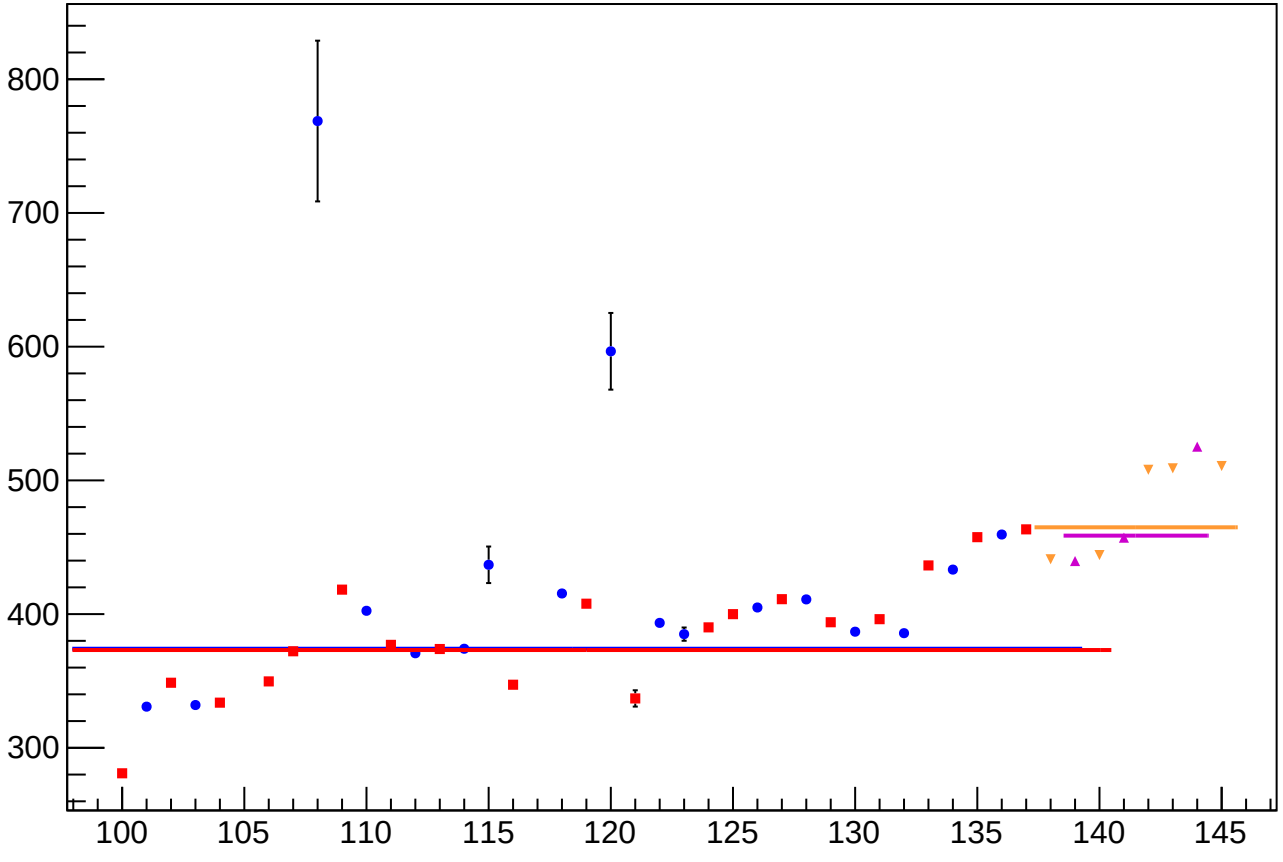
Left In: -361.859+/-0.246 χ^2/NDF:11043.3/2

+ sign -297.691+/-0.145 χ^2/NDF: 135661.7/21

All: -300.413+/-0.095 χ^2/NDF: 304031.2/43

- sign -302.486+/-0.127 χ^2/NDF: 167748.9/21

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 464.909+/-0.317 χ^2/NDF:9802.6/4

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

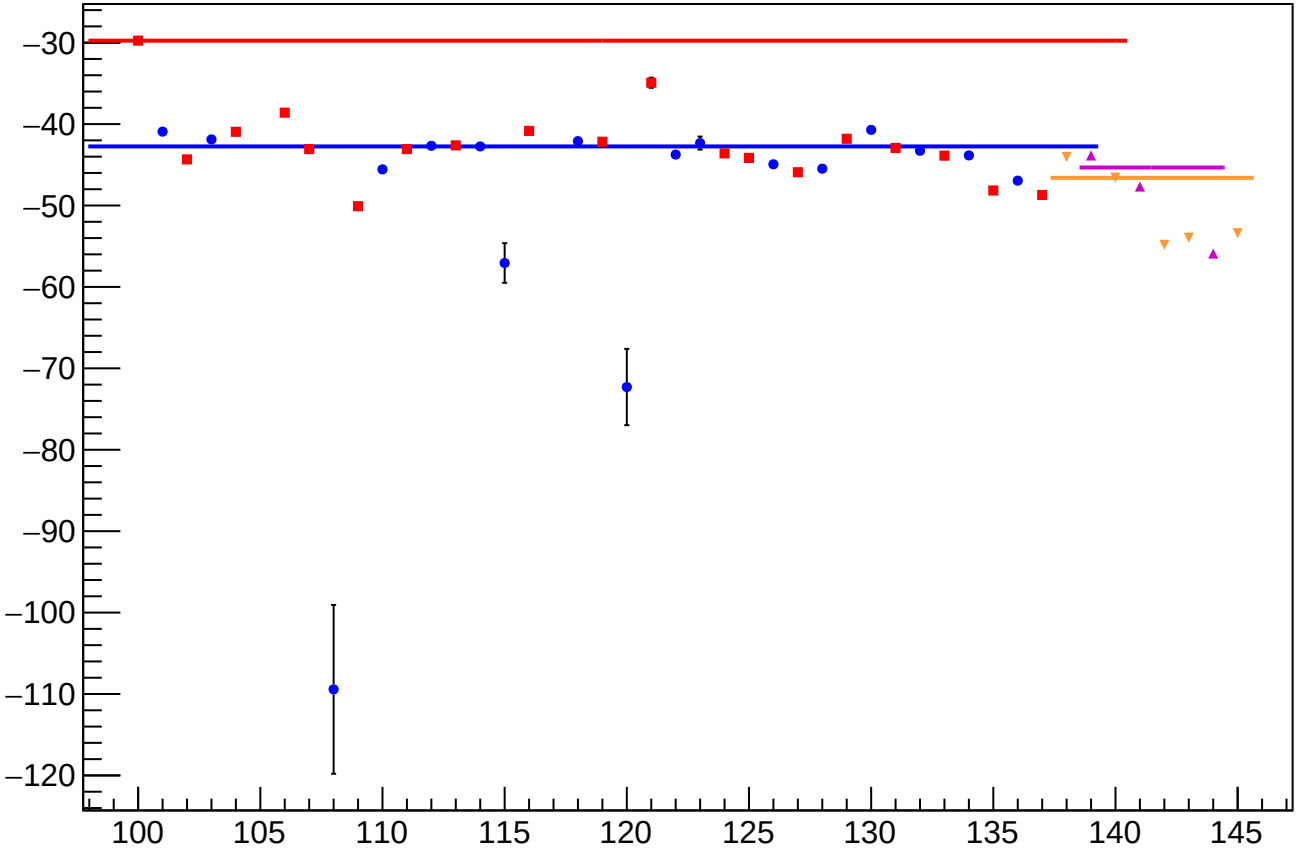
Left In: 458.684+/-0.260 χ^2/NDF:11111.1/2

+ sign 374.094+/-0.000 χ^2/NDF: 127006.6/21

All: 374.094+/-0.000 χ^2/NDF: 352351.5/43

- sign 396.215+/-0.135 χ^2/NDF: 198480.7/21

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -46.606+/-0.020 χ^2/NDF:40710.5/4

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

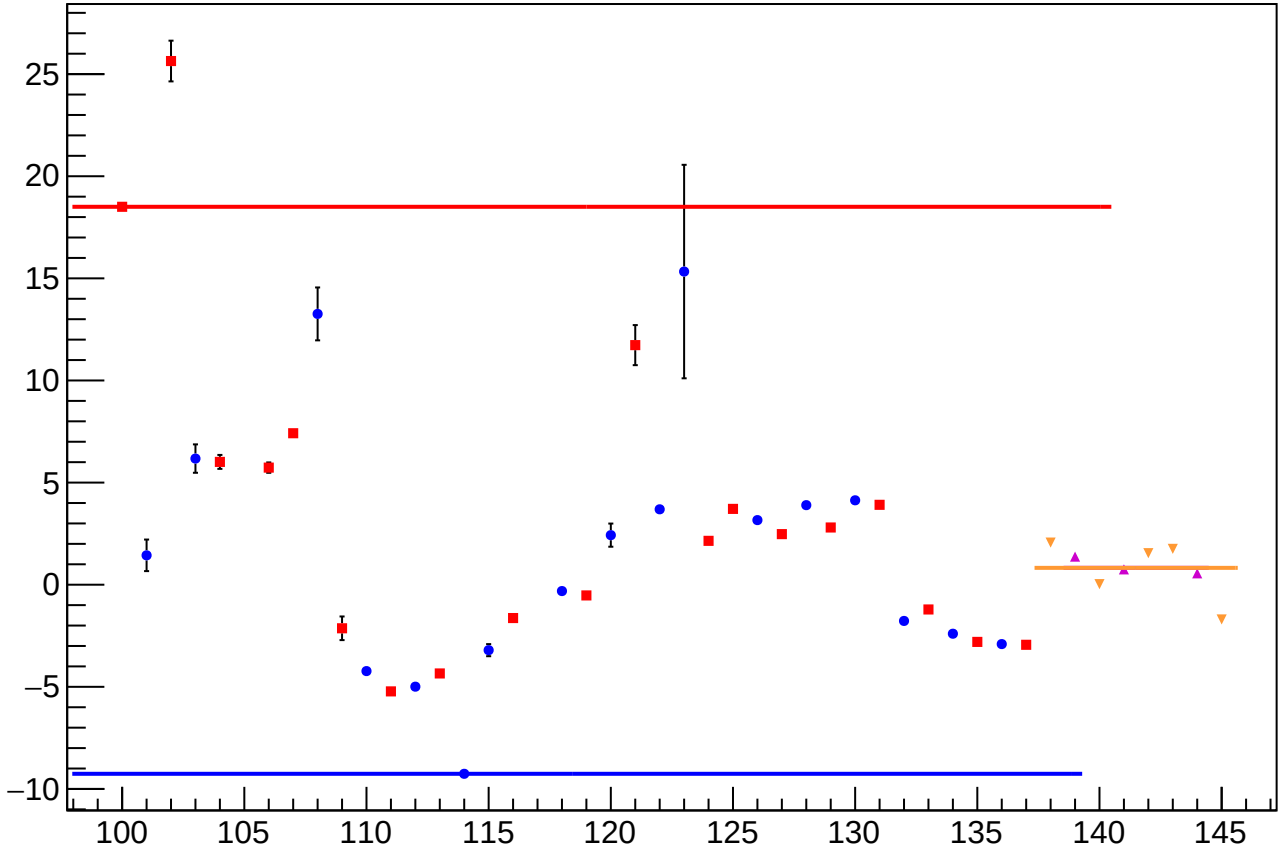
Left In: -45.333+/-0.022 χ^2/NDF:17358.6/2

+ sign -42.744+/-0.000 χ^2/NDF: 90201.3/21

All: -38.159+/-0.000 χ^2/NDF: 129765212680

- sign -29.754+/-0.000 χ^2/NDF: 1019907.9/21

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: 0.825+/-0.018 χ^2/NDF:3736.8/4

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

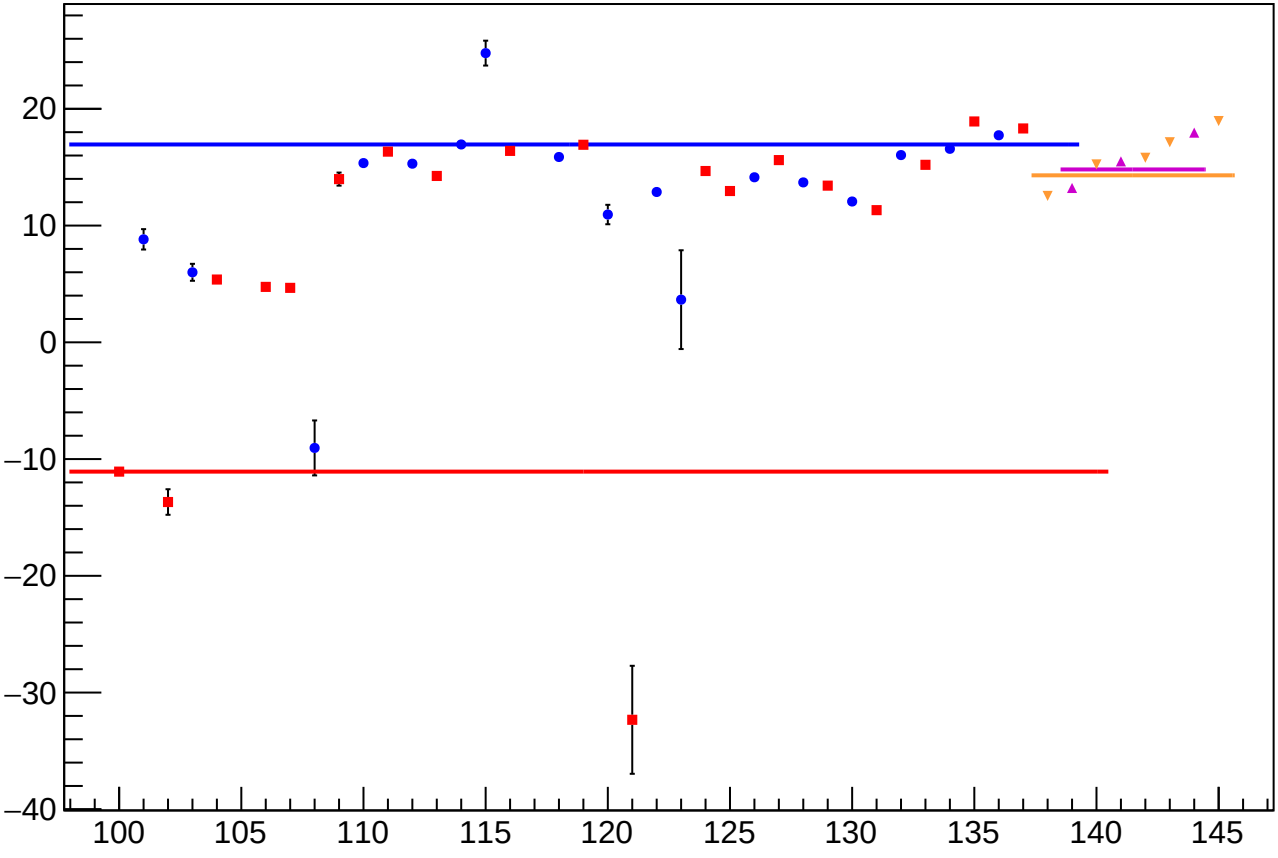
Left In: 0.827+/-0.019 χ^2/NDF:214.8/2

+ sign -9.259+/-0.000 χ^2/NDF: 730182.3/21

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

- sign 18.504+/-0.000 χ^2/NDF: 8244679.7/21

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 14.303+/-0.020 χ^2/NDF:8254.9/4

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

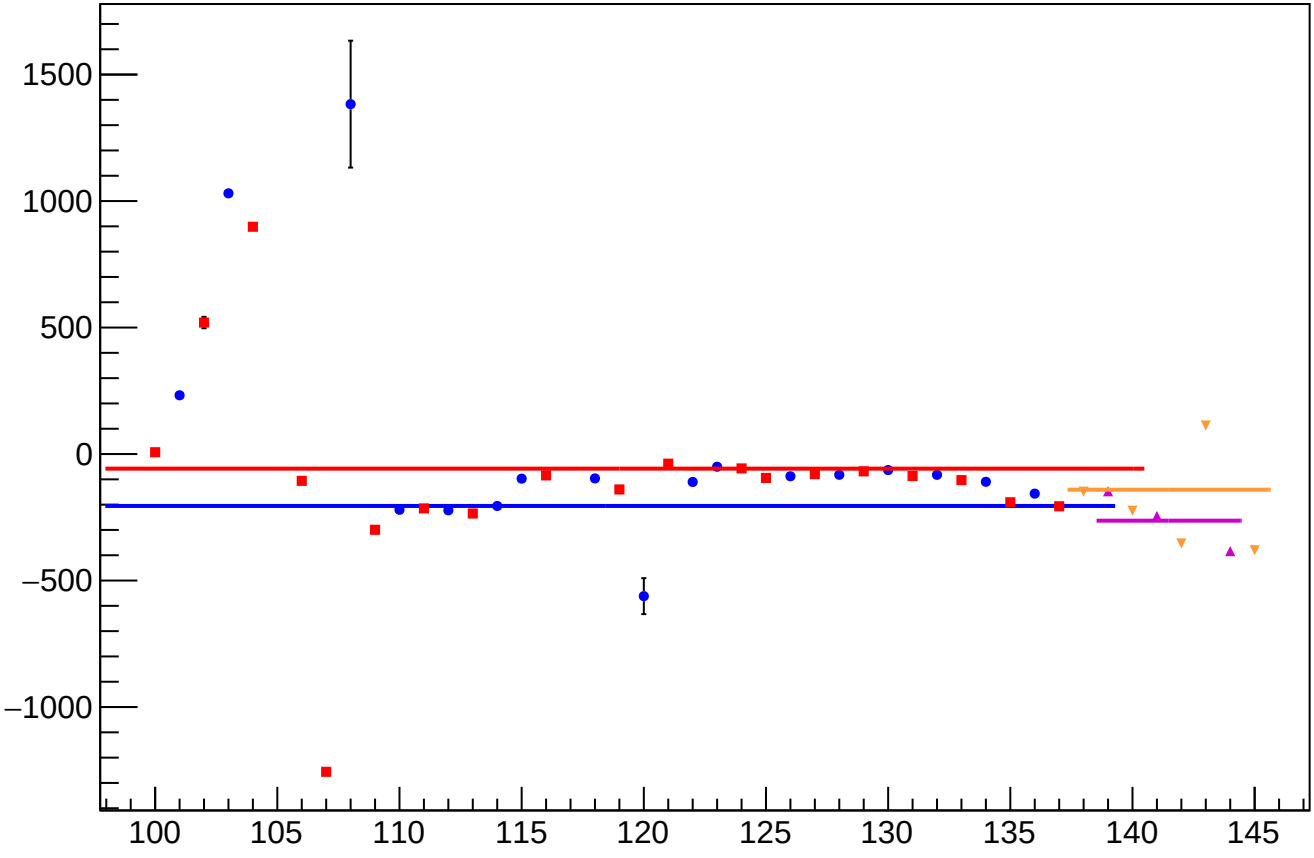
Left In: 14.807+/-0.029 χ^2/NDF:3084.9/2

+ sign 16.947+/-0.000 χ^2/NDF: 37001.7/21

All: -2.268+/-0.000 χ^2/NDF: 469252745463

- sign -11.075+/-0.000 χ^2/NDF: 3535519.6/21

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -140.895+/-0.550 χ^2/NDF:40888.4/4

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

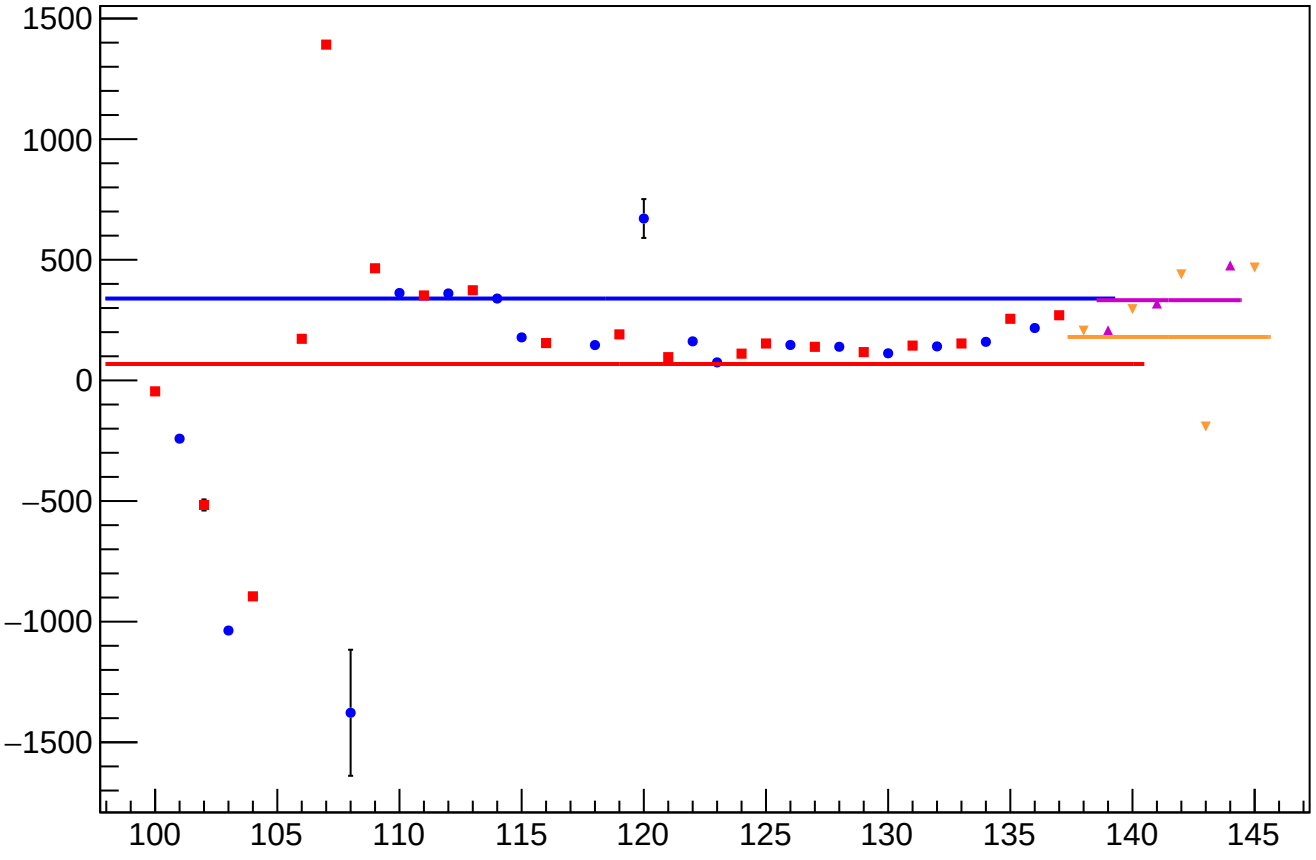
Left In: -263.331+/-0.756 χ^2/NDF:13390.0/2

+ sign -205.160+/-0.000 χ^2/NDF: 637294.2/21

All: -205.160+/-0.000 χ^2/NDF: 1042344.9/43

- sign -82.989+/-0.265 χ^2/NDF: 193061.3/21

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 180.062+/-0.566 χ^2/NDF:76560.5/4

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

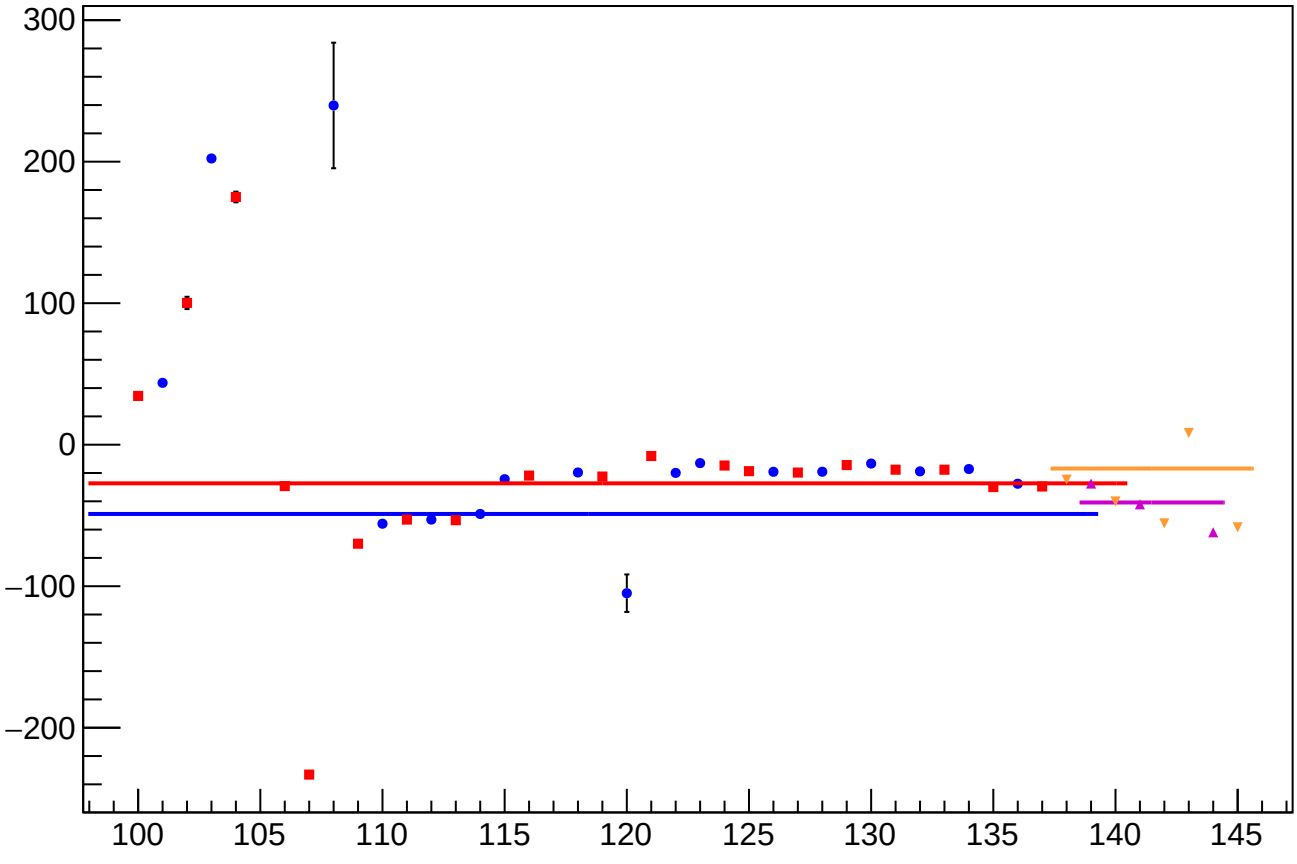
Left In: 332.488+/-0.817 χ^2/NDF:13658.4/2

+ sign 339.325+/-0.000 χ^2/NDF: 1186280.8/21

All: 339.325+/-0.000 χ^2/NDF: 2371689.7/43

- sign 96.935+/-0.270 χ^2/NDF: 379414.1/21

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -16.842+/-0.021 χ^2/NDF:527483.2/4

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

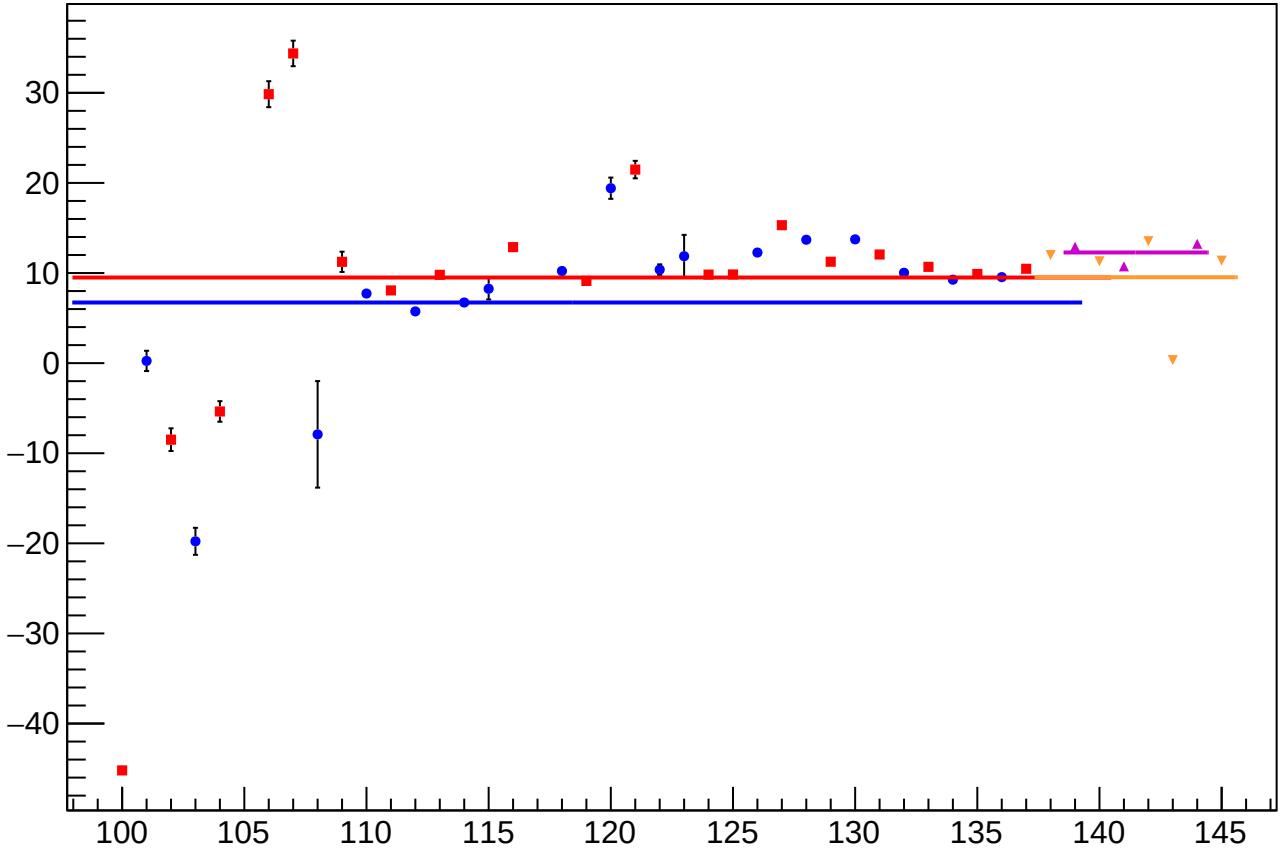
Left In: -40.831+/-0.064 χ^2/NDF:17504.3/2

+ sign -48.945+/-0.000 χ^2/NDF: 8260917.8/21

All: -48.945+/-0.000 χ^2/NDF: 8637864.2/43

- sign -32.688+/-0.040 χ^2/NDF: 212642.1/21

dit_atl1_4aY_slope vs Slug



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 9.533+/-0.035 χ^2/NDF:20365.8/4

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

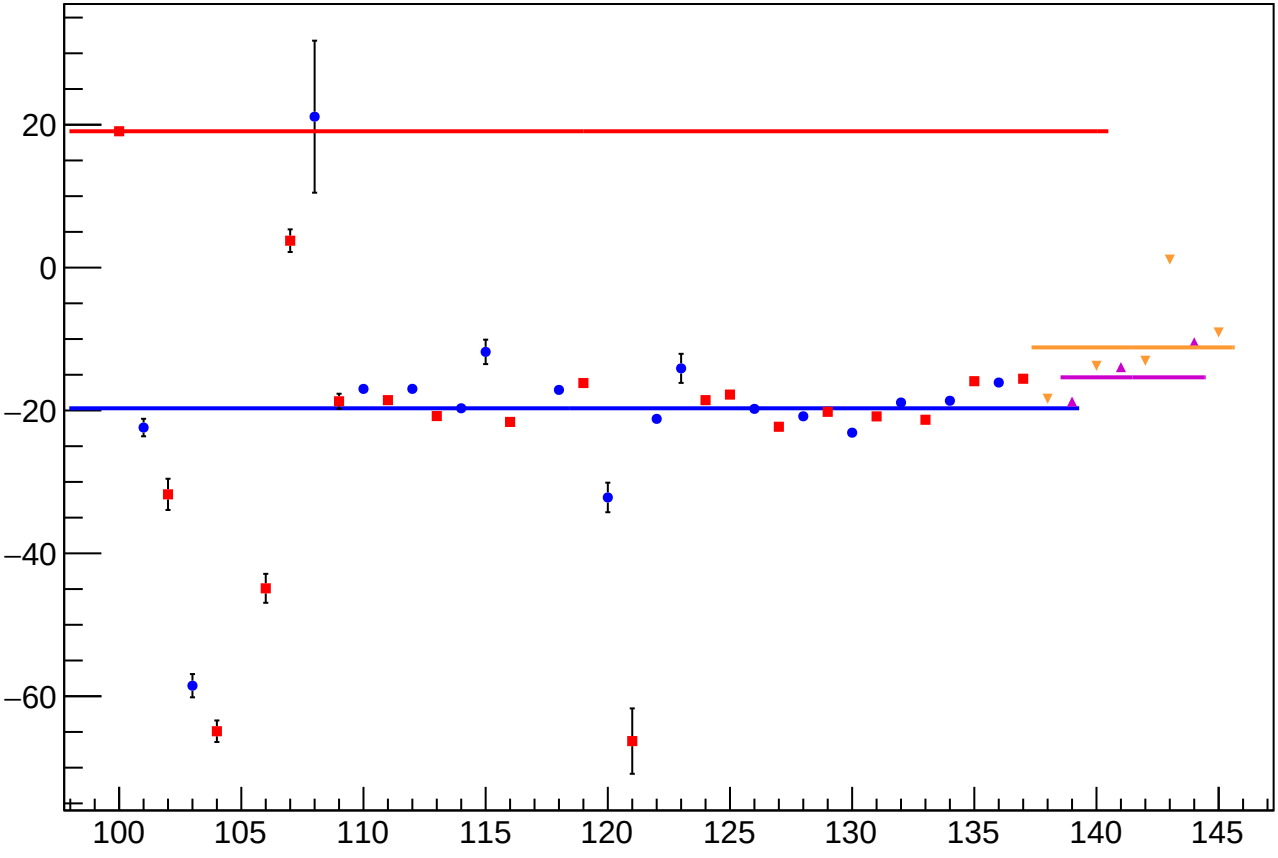
Left In: 12.282+/-0.047 χ^2/NDF:555.4/2

+ sign 6.728+/-0.000 χ^2/NDF: 40722.2/21

All: 6.728+/-0.000 χ^2/NDF: 87927.2/43

- sign 10.507+/-0.028 χ^2/NDF: 29580.2/21

dit_atl1_4eY_slope vs Slug



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -11.170+/-0.050 χ^2/NDF:16889.5/4

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

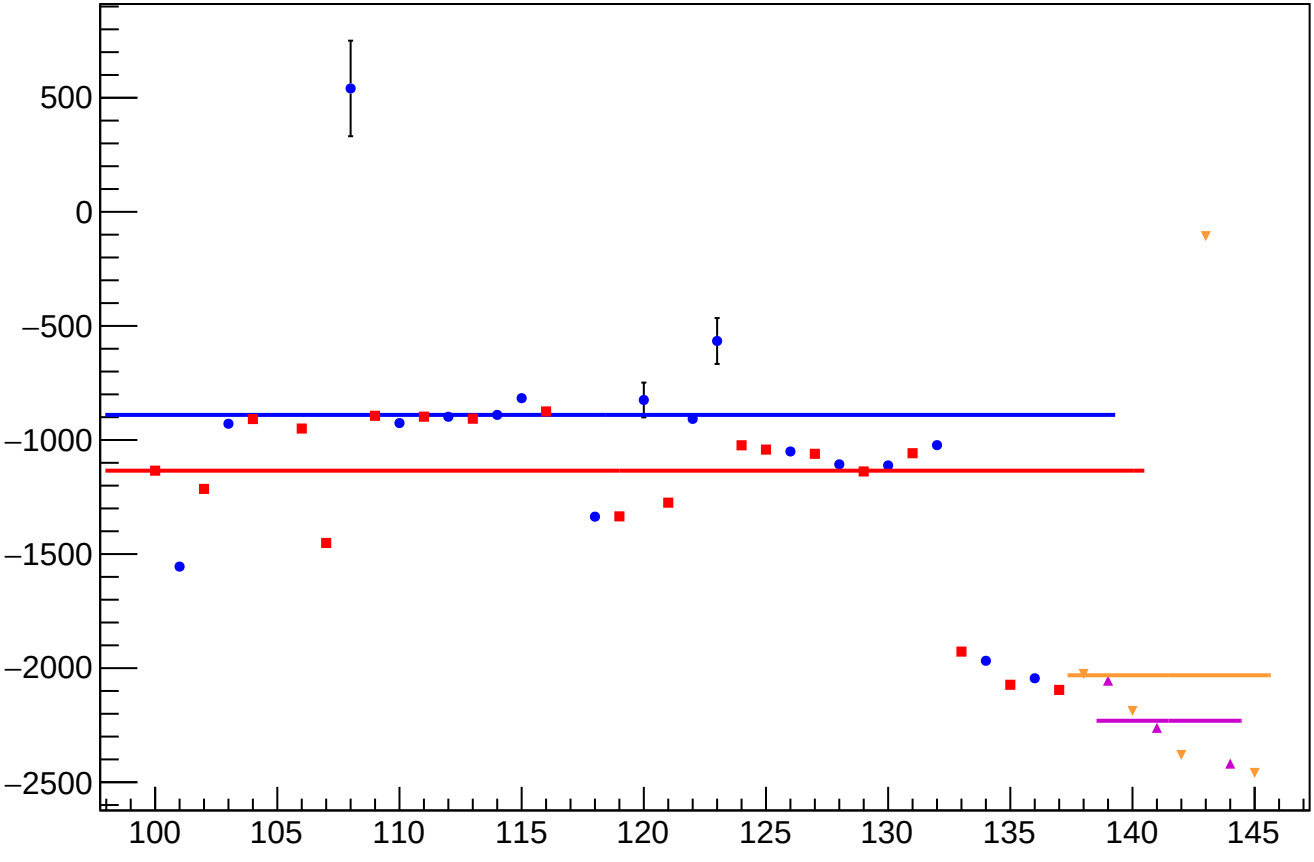
Left In: -15.359+/-0.071 χ^2/NDF:2251.6/2

+ sign -19.693+/-0.000 χ^2/NDF: 53829.3/21

All: -6.006+/-0.000 χ^2/NDF: 462563773129

- sign 19.086+/-0.000 χ^2/NDF: 845641.8/21

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -2031.170+/-1.172 χ^2/NDF:253941.6/4

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

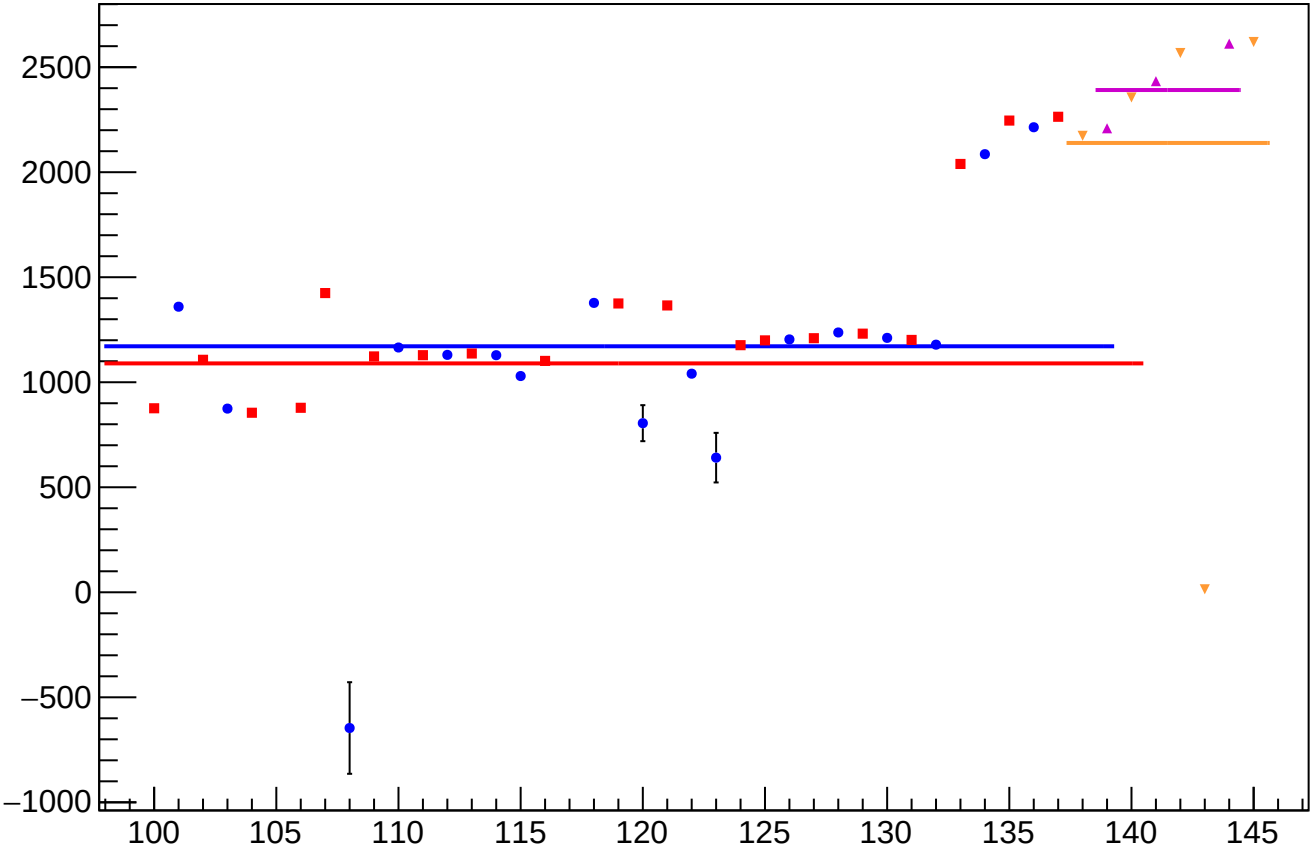
Left In: -2230.623+/-1.134 χ^2/NDF:18825.5/2

+ sign -889.928+/-0.000 χ^2/NDF: 1978268.1/21

All: -976.220+/-0.000 χ^2/NDF: 4488978738

- sign -1134.421+/-0.000 χ^2/NDF: 1686416.7/21

dit_atl2_4eX_slope vs Slug



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2139.278+/-1.239 χ^2/NDF:295441.3/4

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

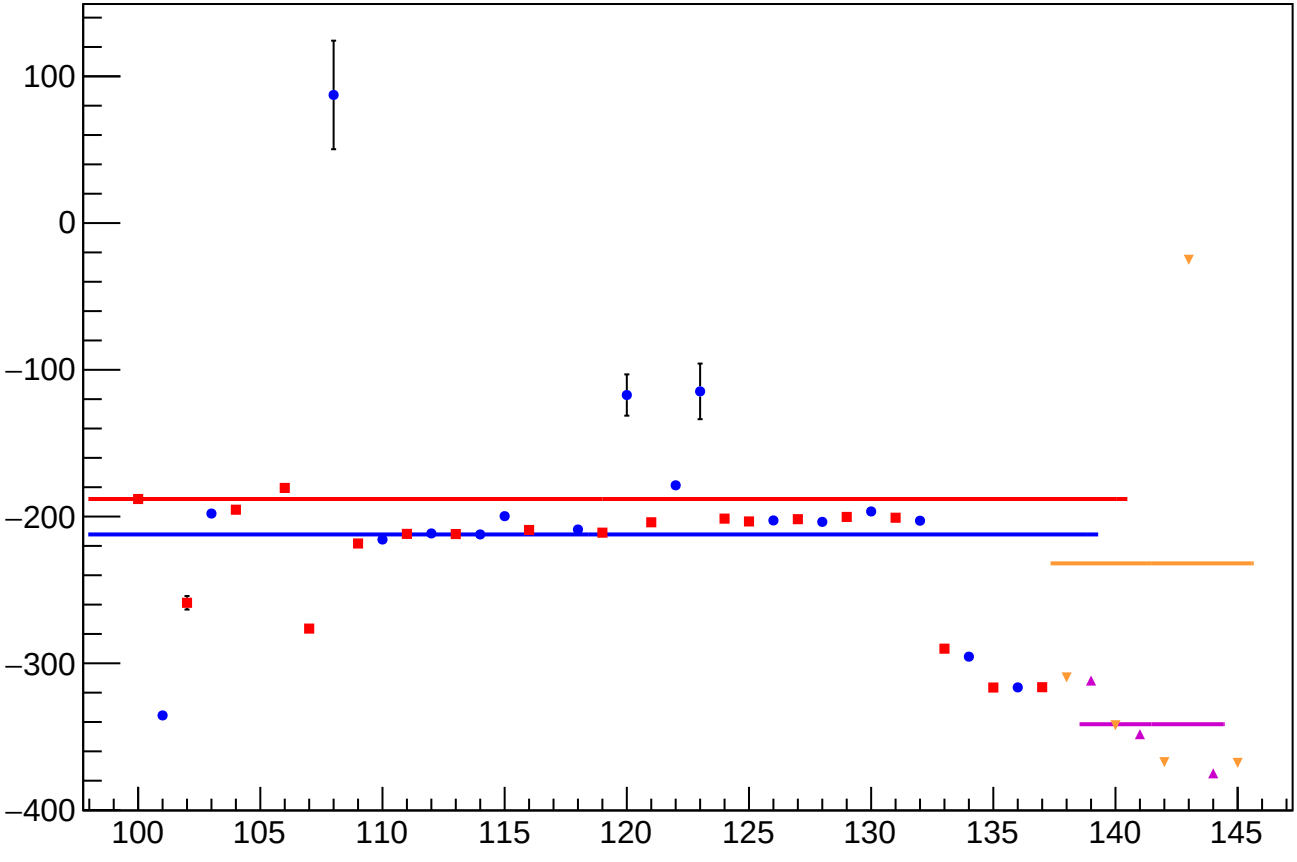
Left In: 2391.271+/-1.232 χ^2/NDF:18326.3/2

+ sign 1207.716+/-0.241 χ^2/NDF: 1391770.6/21

All: 1176.127+/-0.173 χ^2/NDF: 3616257.9/43

- sign 1142.525+/-0.248 χ^2/NDF: 2188942.8/21

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -231.898+/-0.060 χ^2/NDF:4905487.5/4

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

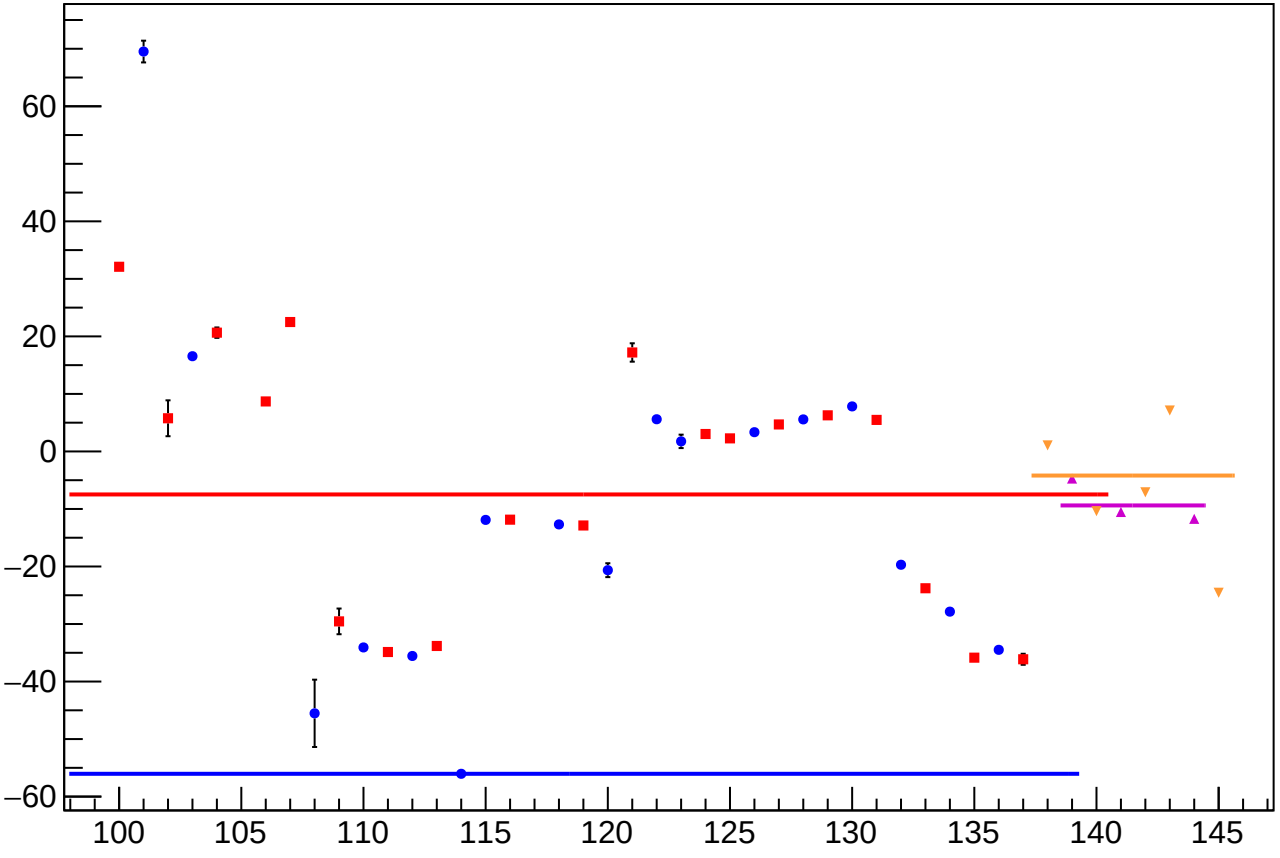
Left In: -341.516+/-0.098 χ^2/NDF:37541.1/2

+ sign -212.190+/-0.000 χ^2/NDF: 6164005.4/21

All: -195.625+/-0.000 χ^2/NDF: 1362230362

- sign -188.033+/-0.000 χ^2/NDF: 3080470.8/21

dit_atl2_4aY_slope vs Slug



Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -4.190+/-0.092 χ^2/NDF:8676.8/4

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

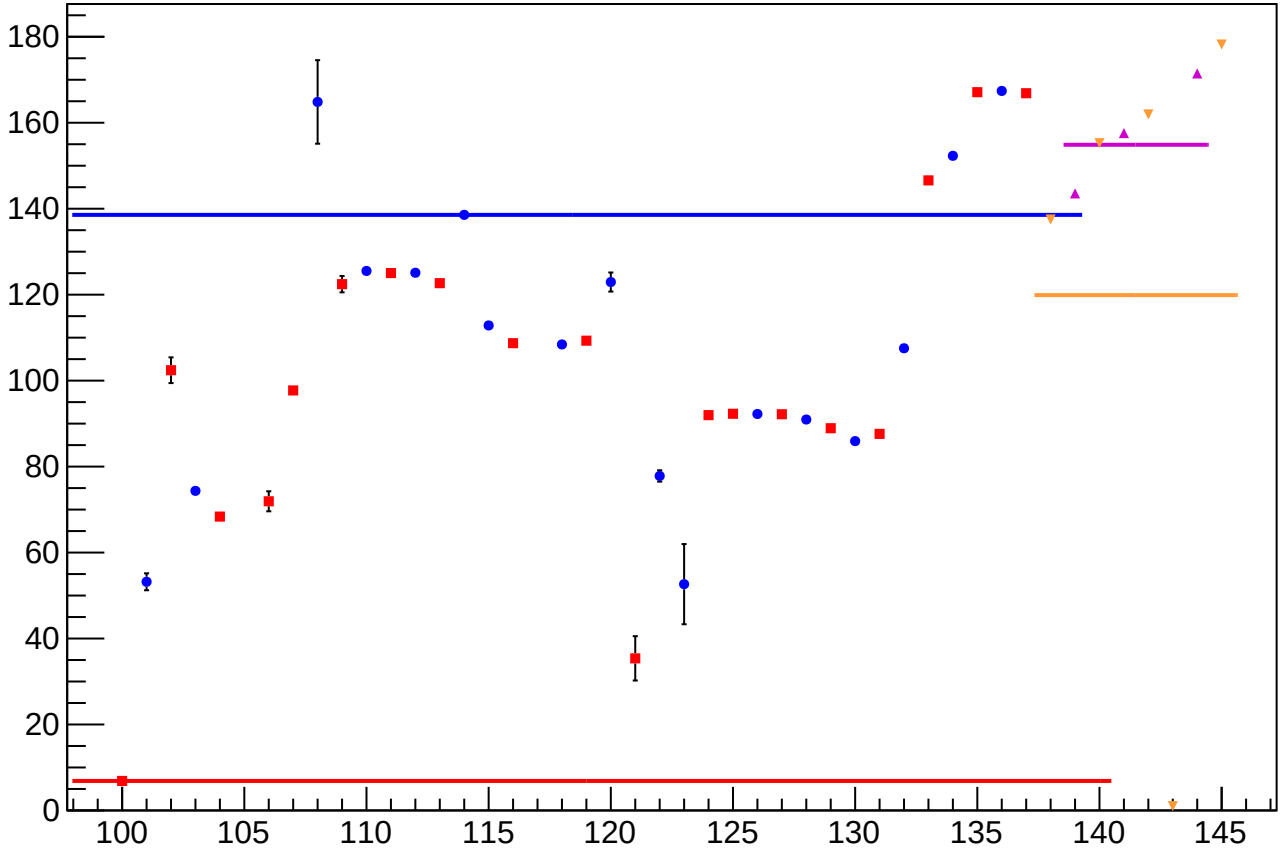
Left In: -9.386+/-0.076 χ^2/NDF:1108.7/2

+ sign -56.037+/-0.000 χ^2/NDF: 1911458.0/21

All: -56.037+/-0.000 χ^2/NDF: 3788840.6/43

- sign -7.926+/-0.037 χ^2/NDF: 175485.3/21

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 119.896+/-0.126 χ^2/NDF:268308.7/4

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

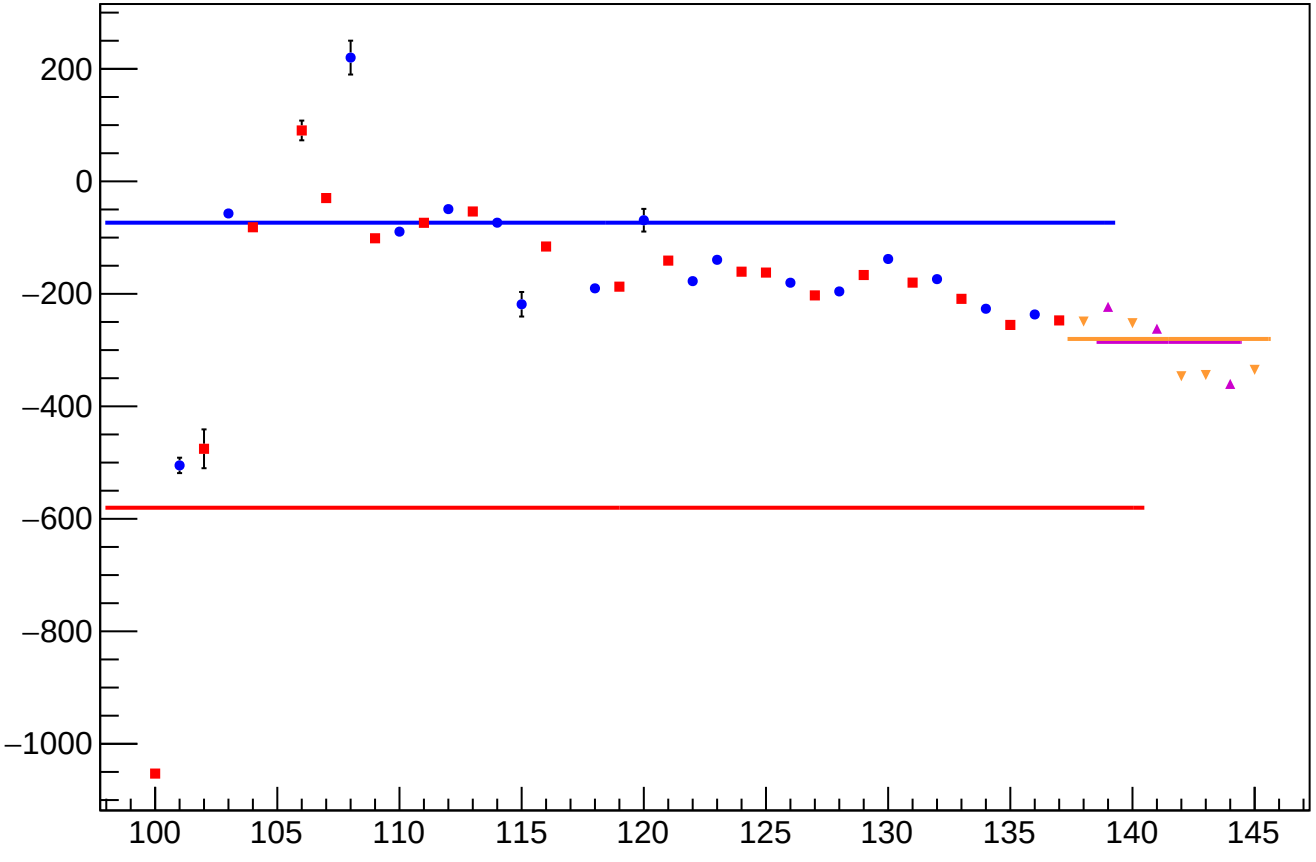
Left In: 154.873+/-0.093 χ^2/NDF:7489.2/2

+ sign 138.565+/-0.000 χ^2/NDF: 1191459.6/21

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

- sign 6.866+/-0.000 χ^2/NDF: 10570981.6/21

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -280.189+/-0.488 χ^2/NDF:7998.2/4

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

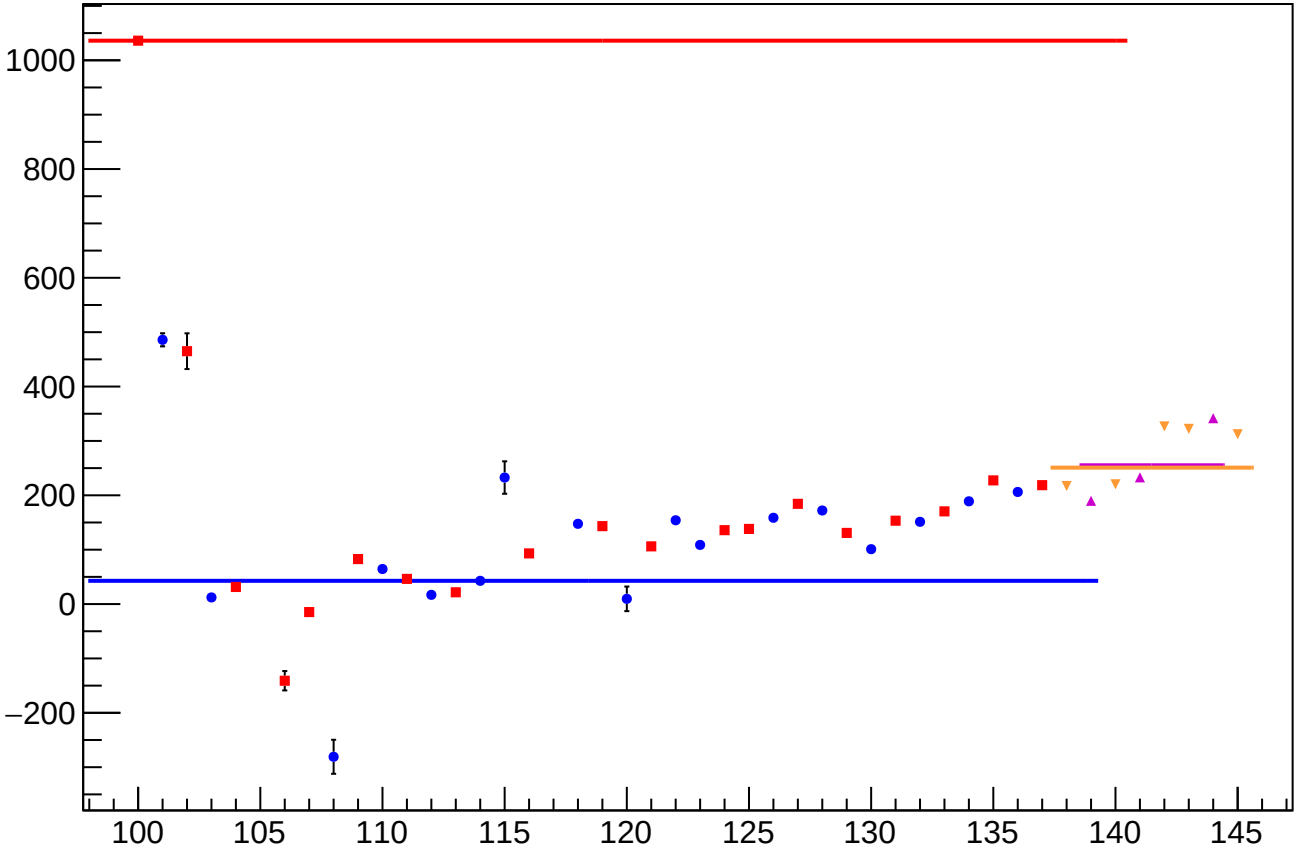
Left In: -285.395+/-0.559 χ^2/NDF:7309.6/2

+ sign -73.485+/-0.000 χ^2/NDF: 286414.9/21

All: -73.485+/-0.000 χ^2/NDF: 7240980.4/43

- sign -527.459+/-0.236 χ^2/NDF: 3267584.2/21

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 250.878+/-0.510 χ^2/NDF:9014.5/4

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

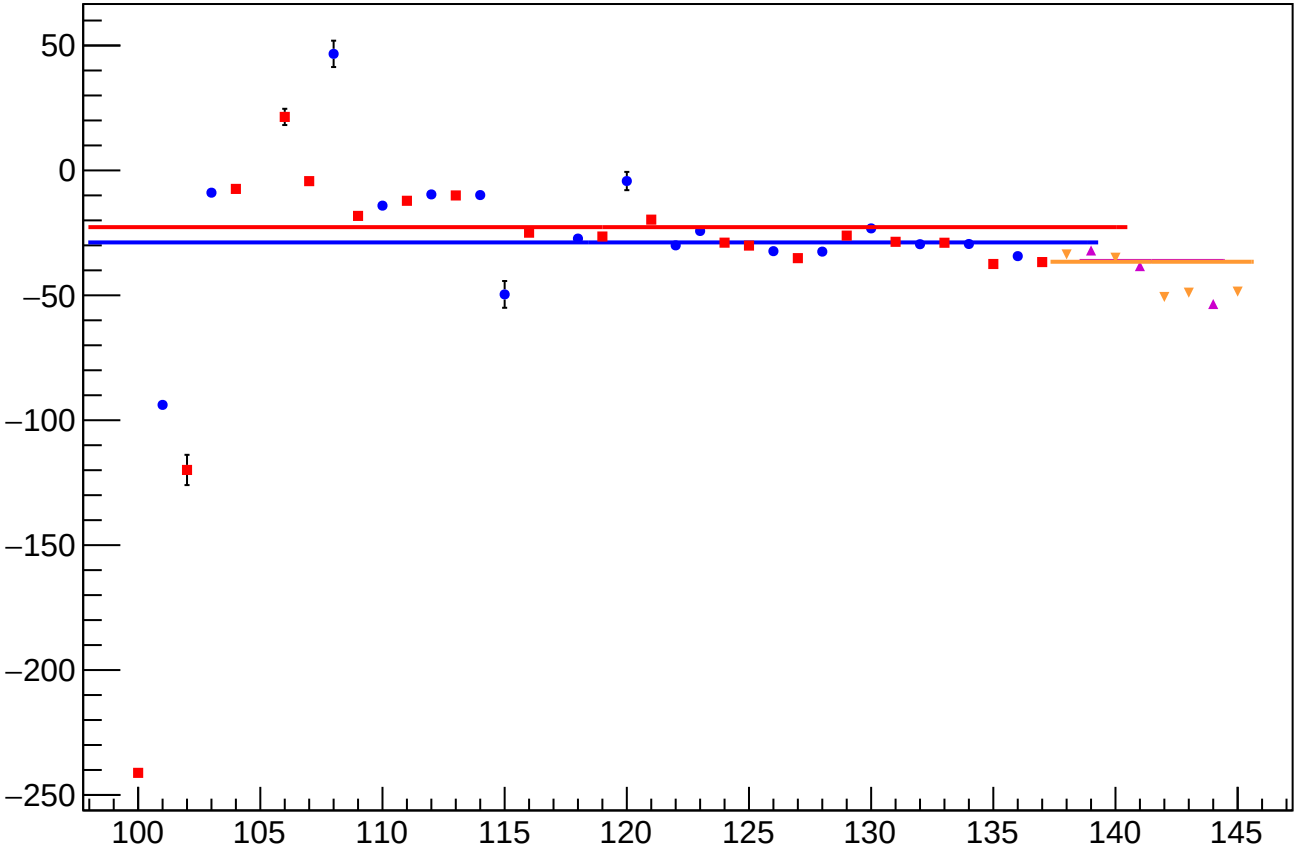
Left In: 255.237+/-0.590 χ^2/NDF:7514.8/2

+ sign 42.743+/-0.000 χ^2/NDF: 260143.3/21

All: 43.272+/-0.000 χ^2/NDF: 114451749726

- sign 1036.068+/-0.000 χ^2/NDF: 6692100.2/21

dit_atr1_11X12X_slope vs Slug



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -36.561+/-0.032 χ^2/NDF:34384.0/4

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

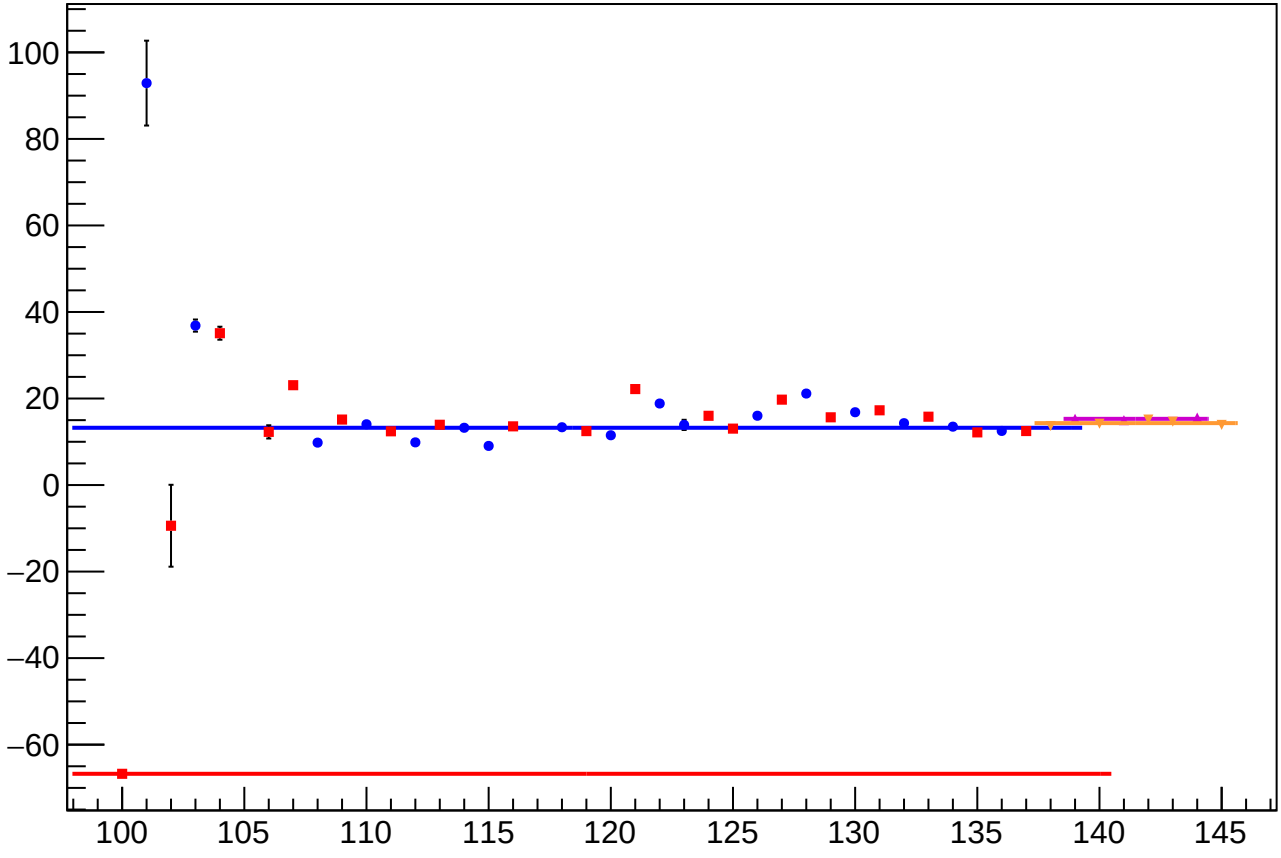
Left In: -36.237+/-0.043 χ^2/NDF:17912.7/2

+ sign -32.977+/-0.024 χ^2/NDF: 110528.4/21

All: -31.202+/-0.018 χ^2/NDF: 607517.0/43

- sign -28.604+/-0.029 χ^2/NDF: 483102.5/21

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 14.312+/-0.035 χ^2/NDF:130.1/4

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

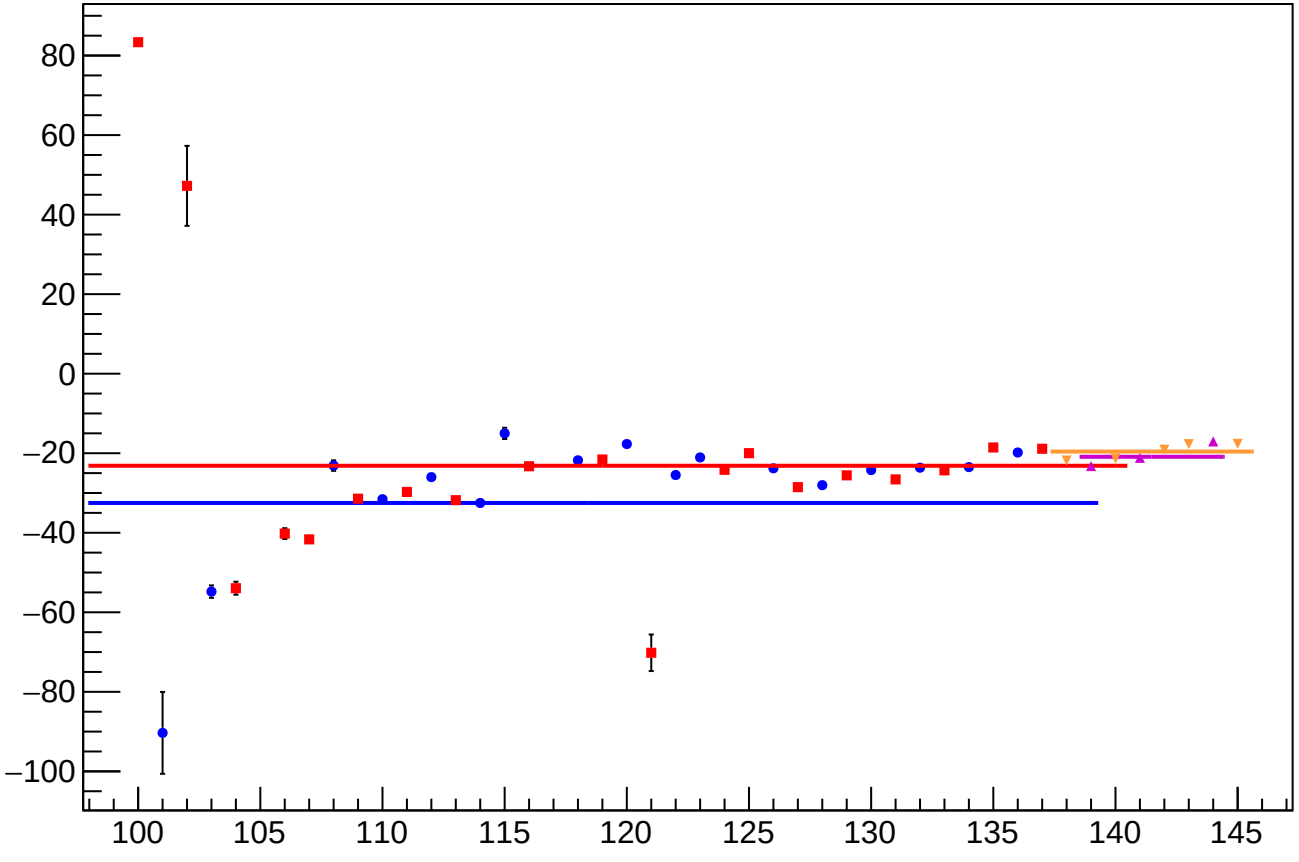
Left In: 15.303+/-0.037 χ^2/NDF:50.2/2

+ sign 13.238+/-0.000 χ^2/NDF: 6825.4/21

All: 12.562+/-0.000 χ^2/NDF: 188431002765

- sign -66.739+/-0.000 χ^2/NDF: 8036302.1/21

dit_atr1_4eY_slope vs Slug



Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -19.581+/-0.043 χ^2/NDF:1771.7/4

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

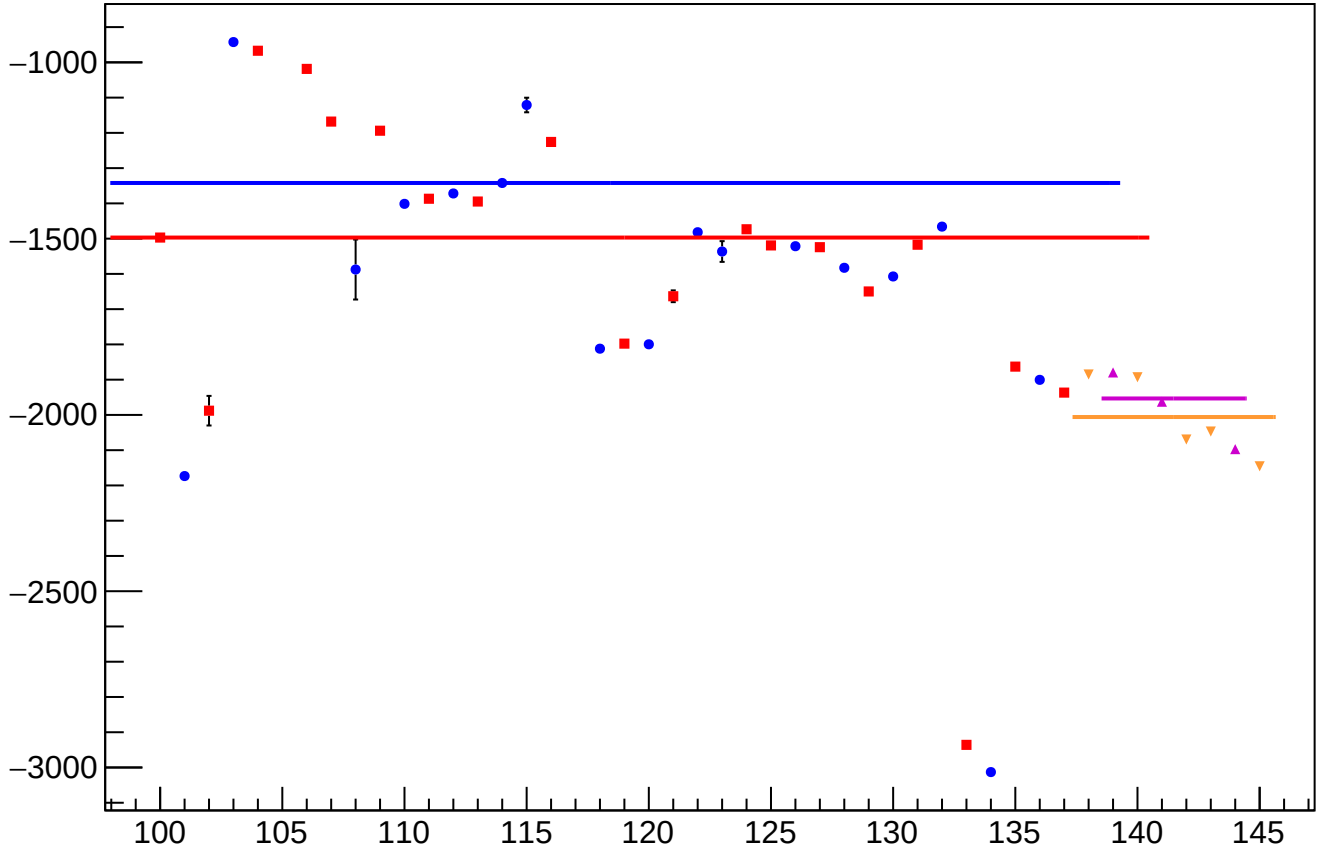
Left In: -20.890+/-0.065 χ^2/NDF:1518.4/2

+ sign -32.504+/-0.000 χ^2/NDF: 164678.1/21

All: -32.504+/-0.000 χ^2/NDF: 327488.7/43

- sign -22.361+/-0.038 χ^2/NDF: 93055.8/21

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -2005.959+/-1.028 χ^2/NDF:9102.5/4

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

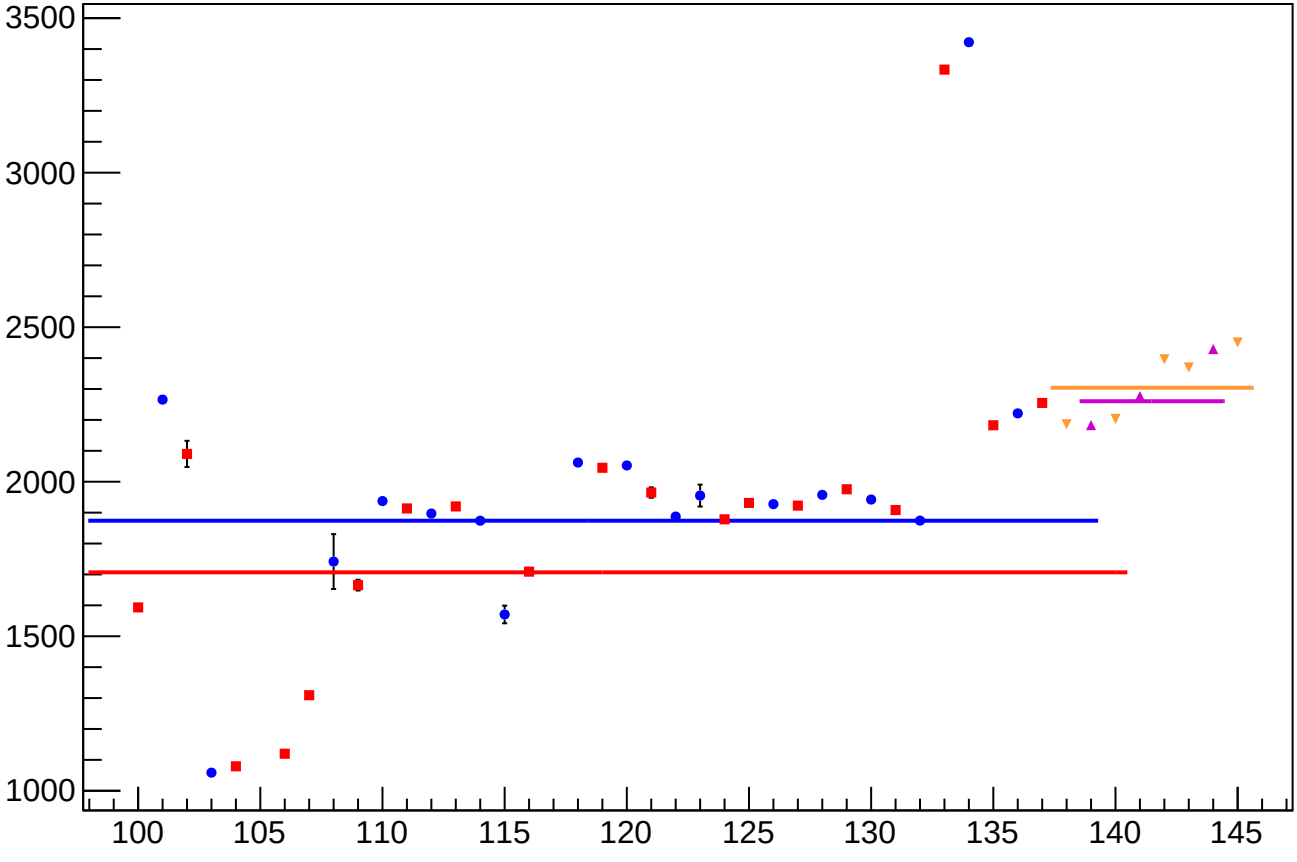
Left In: -1953.329+/-0.775 χ^2/NDF:12501.2/2

+ sign -1342.107+/-0.000 χ^2/NDF: 796819.7/21

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

- sign -1496.932+/-0.000 χ^2/NDF: 863633.6/21

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2304.023+/-1.142 χ^2/NDF:7158.5/4

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

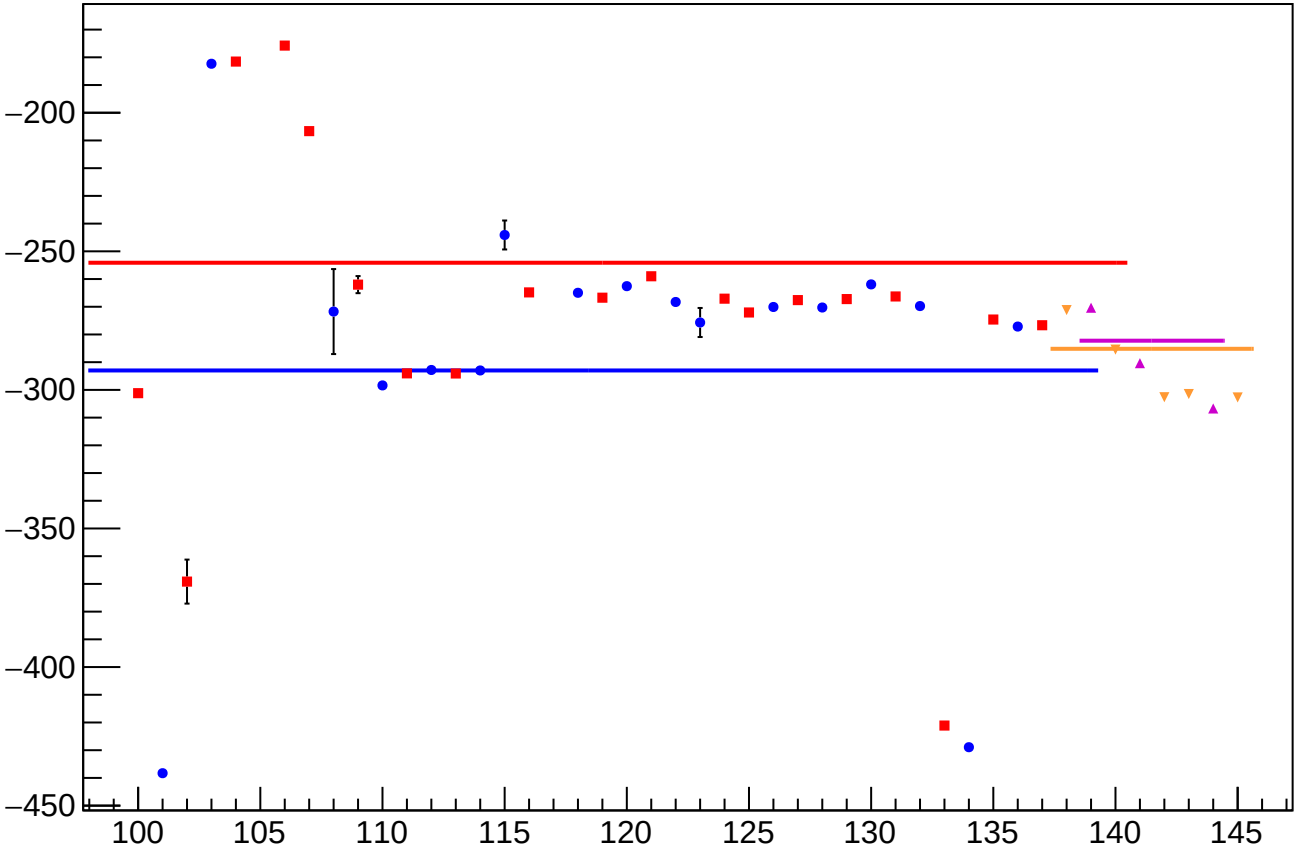
Left In: 2260.488+/-0.805 χ^2/NDF:14079.7/2

+ sign 1873.852+/-0.000 χ^2/NDF: 350512.3/21

All: 1873.852+/-0.000 χ^2/NDF: 1738732.9/43

- sign 1775.245+/-0.283 χ^2/NDF: 1266874.4/21

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -285.171+/-0.073 χ^2/NDF:36326.7/4

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

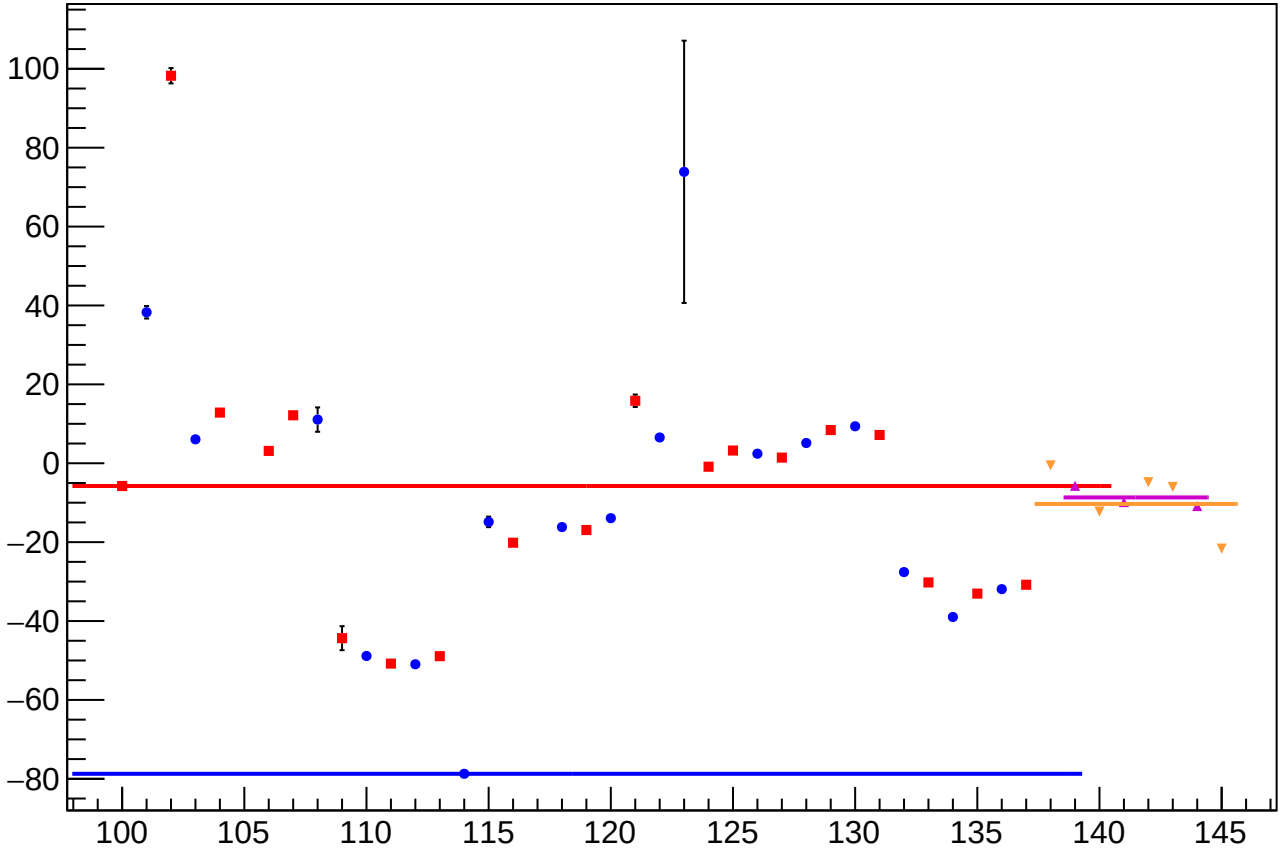
Left In: -282.246+/-0.059 χ^2/NDF:45034.7/2

+ sign -292.986+/-0.000 χ^2/NDF: 1063230.1/21

All: -292.986+/-0.000 χ^2/NDF: 2077895.2/43

- sign -268.152+/-0.042 χ^2/NDF: 661086.8/21

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -10.317+/-0.073 χ^2/NDF:3184.2/4

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

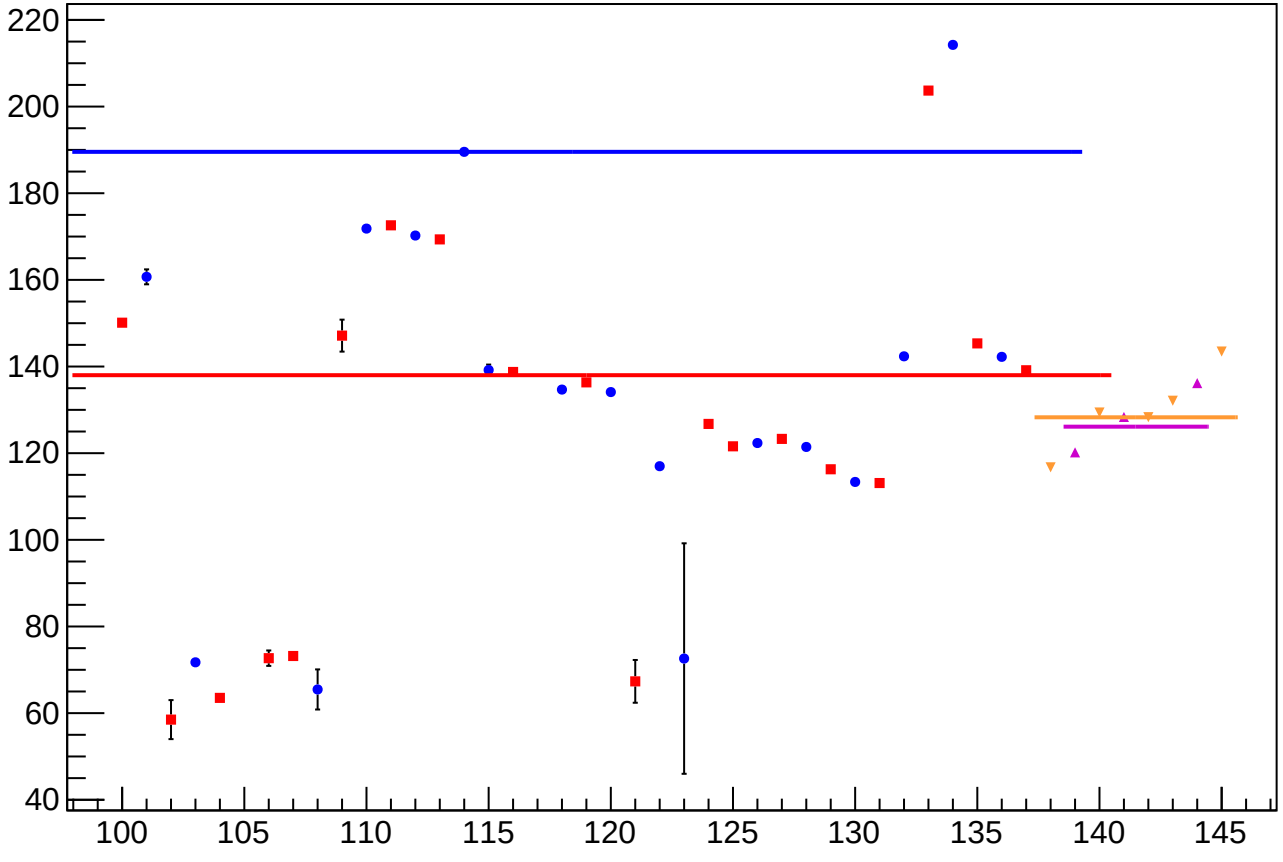
Left In: -8.664+/-0.062 χ^2/NDF:1068.8/2

+ sign -78.728+/-0.000 χ^2/NDF: 2290570.7/21

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

- sign -5.769+/-0.000 χ^2/NDF: 114850.5/21

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 128.281+/-0.092 χ^2/NDF:4098.5/4

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

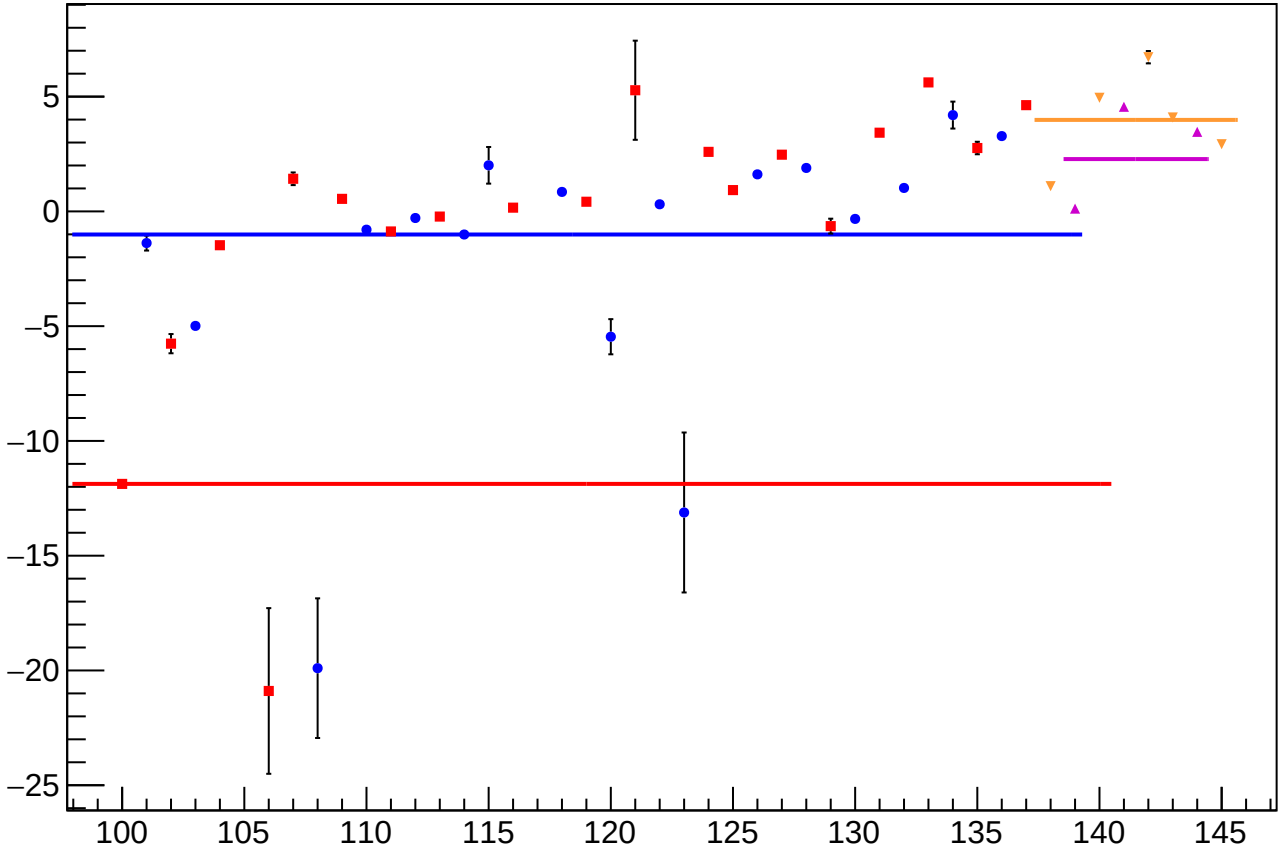
Left In: 126.120+/-0.065 χ^2/NDF:5150.6/2

+ sign 189.551+/-0.000 χ^2/NDF: 1371046.3/21

All: 189.551+/-0.000 χ^2/NDF: 3206182.0/43

- sign 132.632+/-0.044 χ^2/NDF: 140794.9/21

dit_sam1_4aX_slope vs Slug



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 3.986+/-0.062 χ^2/NDF:473.3/4

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

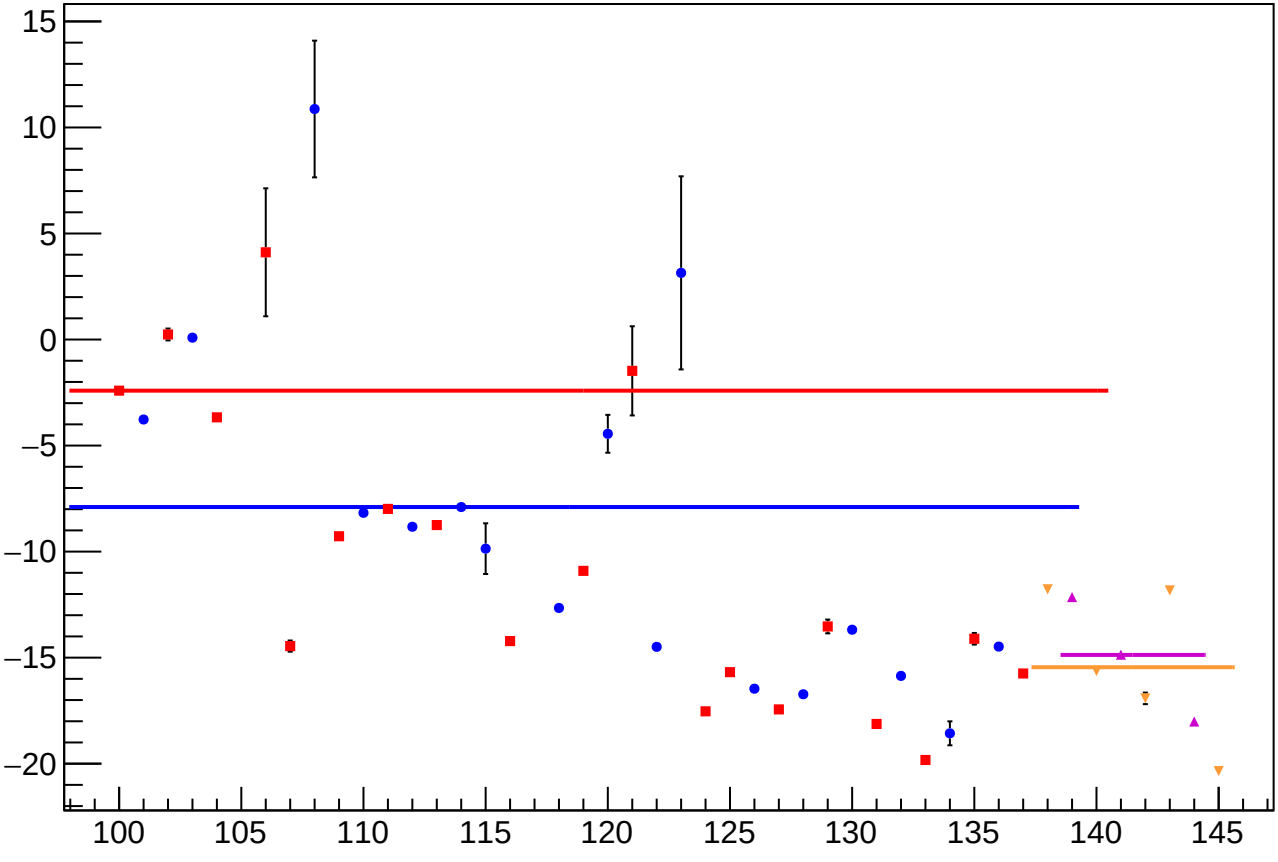
Left In: 2.279+/-0.043 χ^2/NDF:1961.1/2

+ sign -1.007+/-0.000 χ^2/NDF: 14102.7/21

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

- sign -11.872+/-0.000 χ^2/NDF: 612329.3/21

dit_sam1_4eX_slope vs Slug



Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -15.453+/-0.061 χ^2/NDF:2795.8/4

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

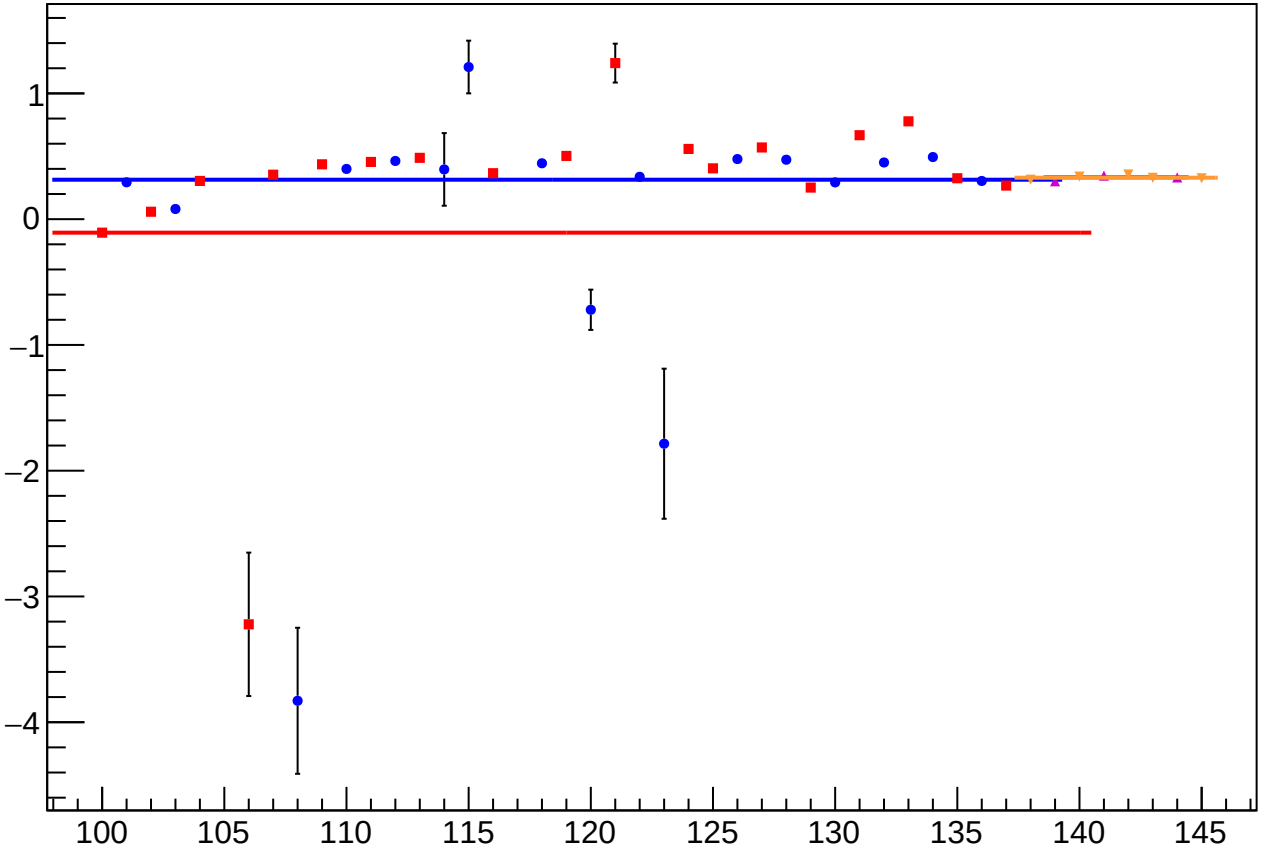
Left In: -14.872+/-0.062 χ^2/NDF:1115.6/2

+ sign -7.899+/-0.000 χ^2/NDF: 57740.3/21

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

- sign -2.410+/-0.000 χ^2/NDF: 244461.3/21

dit_sam1_11X12X_slope vs Slug



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.330+/-0.001 χ^2/NDF:238.9/4

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

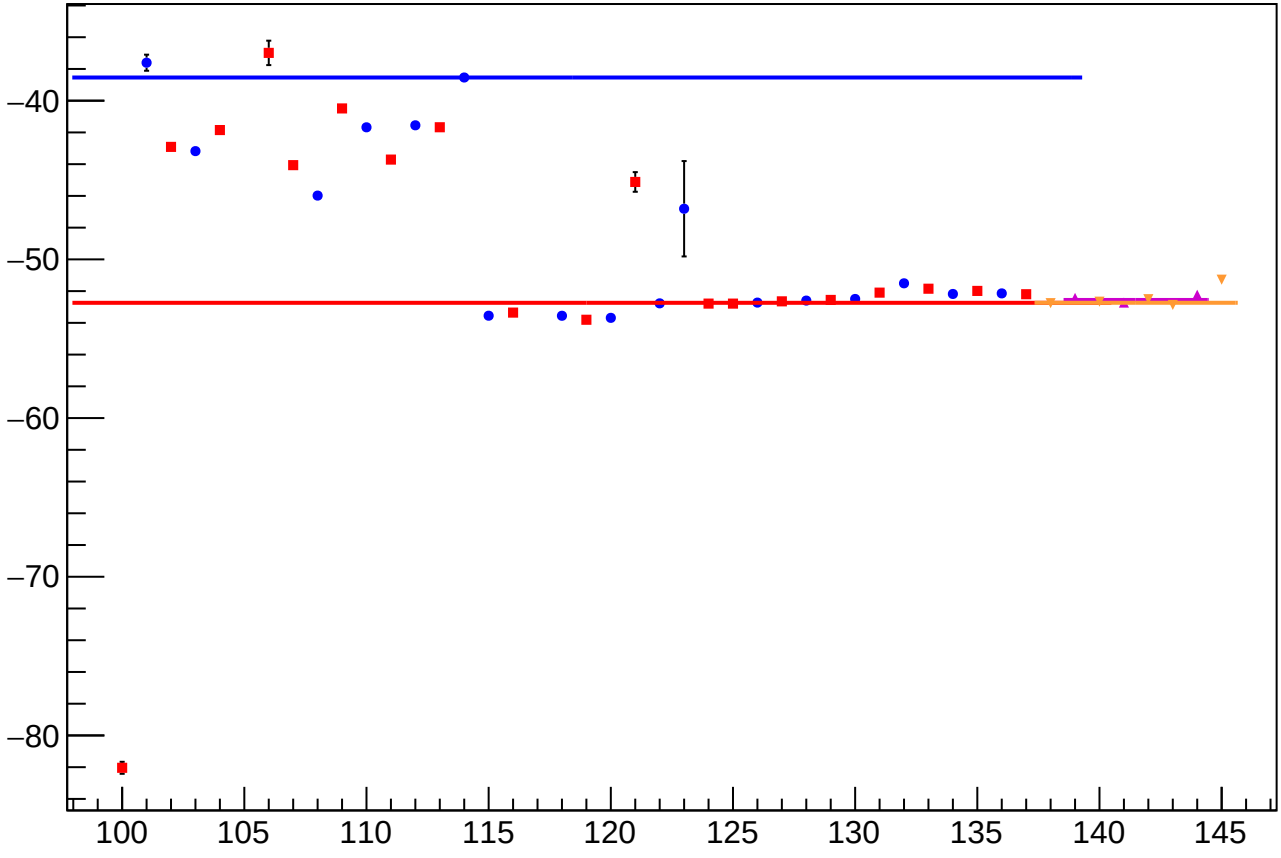
Left In: 0.333+/-0.001 χ^2/NDF:259.2/2

+ sign 0.324+/-0.001 χ^2/NDF: 3161.8/21

All: -0.107+/-0.000 χ^2/NDF: 1153686.5/43

- sign -0.107+/-0.000 χ^2/NDF: 591798.8/21

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -52.735+/-0.005 χ^2/NDF:1899.5/4

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

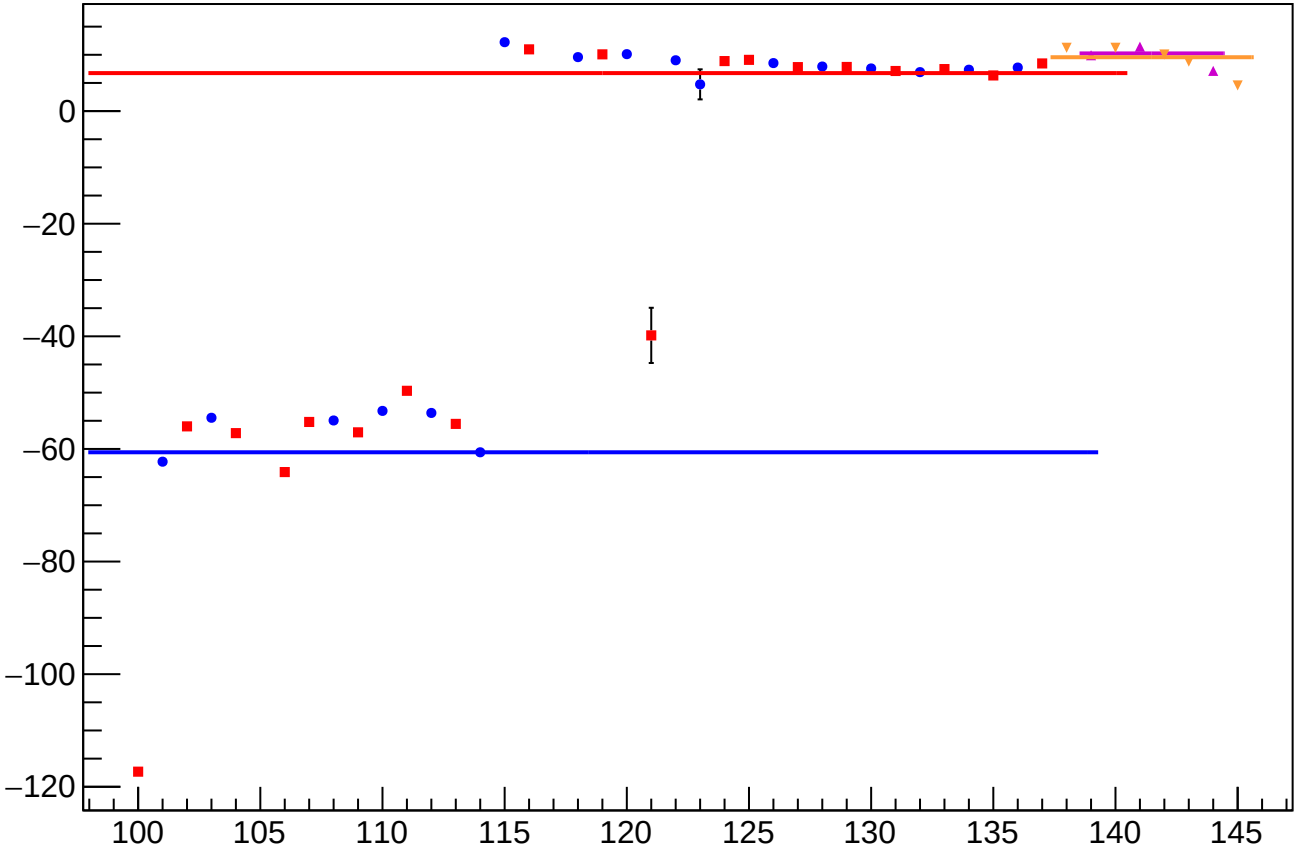
Left In: -52.558+/-0.006 χ^2/NDF:847.9/2

+ sign -38.539+/-0.000 χ^2/NDF: 22231863.3/21

All: -38.539+/-0.000 χ^2/NDF: 84084410.0/43

- sign -52.723+/-0.002 χ^2/NDF: 88986.9/21

dit_sam1_4eY_slope vs Slug



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 9.566+/-0.013 χ^2/NDF:25802.9/4

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

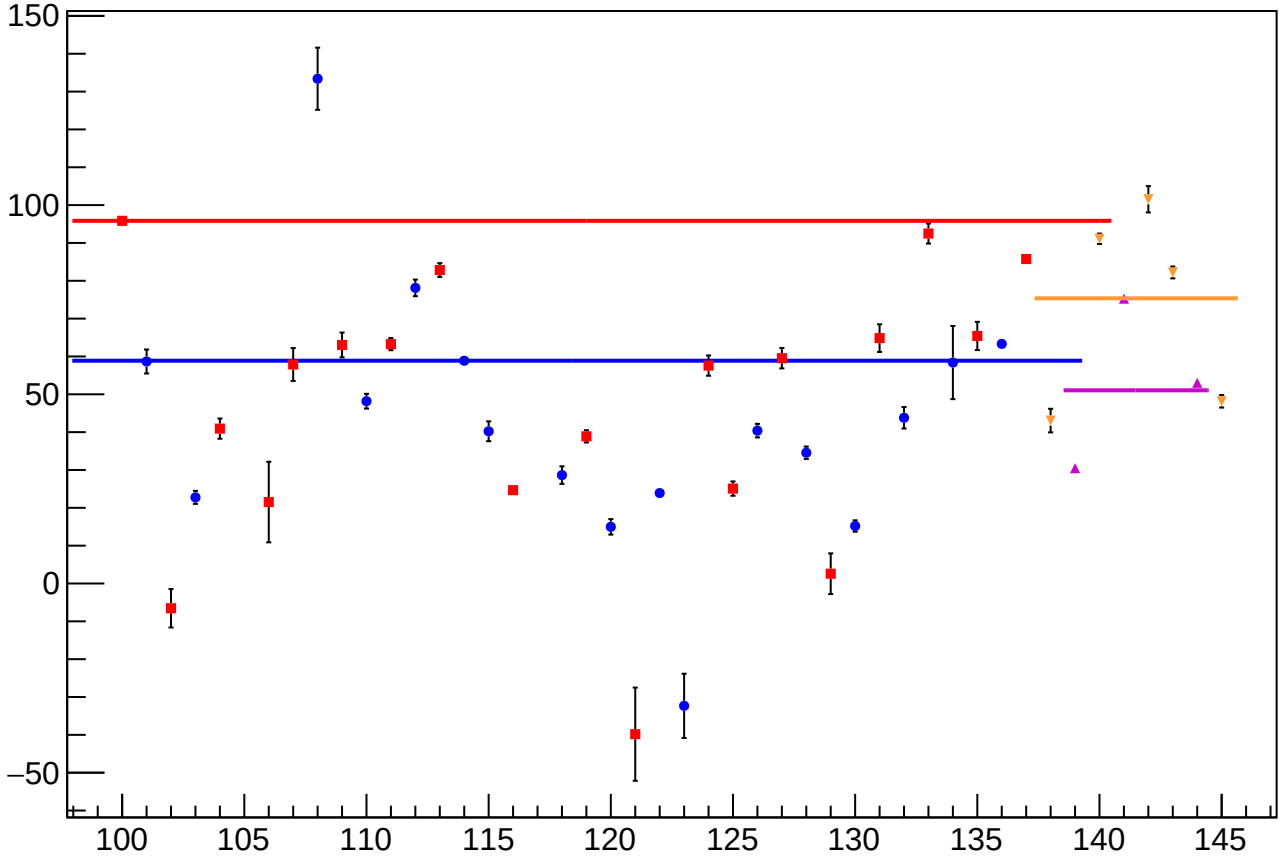
Left In: 10.244+/-0.018 χ^2/NDF:2931.2/2

+ sign -60.594+/-0.000 χ^2/NDF: 53975452.6/21

All: -60.594+/-0.000 χ^2/NDF: 107917964.5/4

- sign 7.691+/-0.009 χ^2/NDF: 1296706.9/21

dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 75.367+/-0.821 χ^2/NDF:583.6/4

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

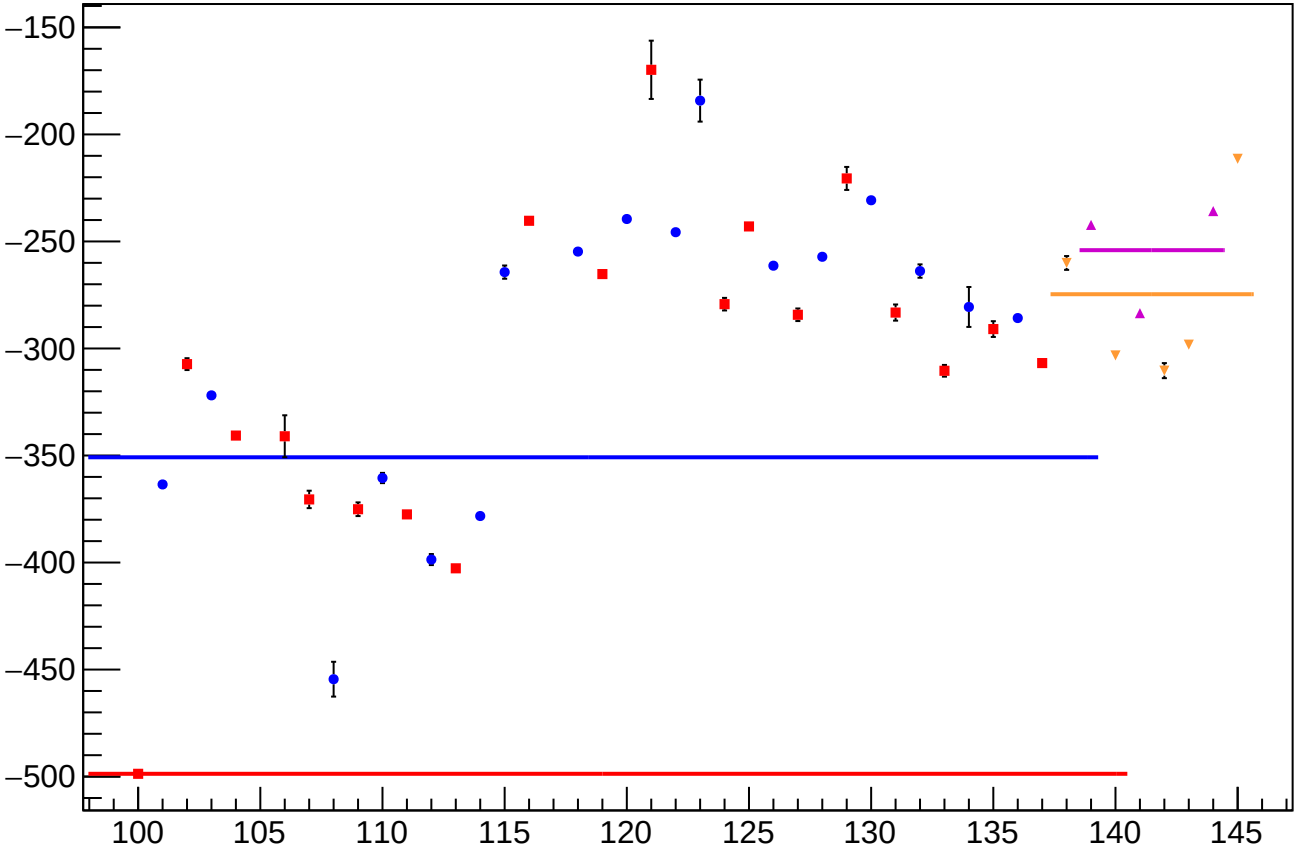
Left In: 51.052+/-0.592 χ^2/NDF:905.7/2

+ sign 58.880+/-0.000 χ^2/NDF: 4801.9/21

All: 60.098+/-0.000 χ^2/NDF: 981523394566

- sign 95.846+/-0.000 χ^2/NDF: 46006.9/21

dit_sam2_4eX_slope vs Slug



Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -274.655+/-0.811 χ^2/NDF:2424.9/4

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

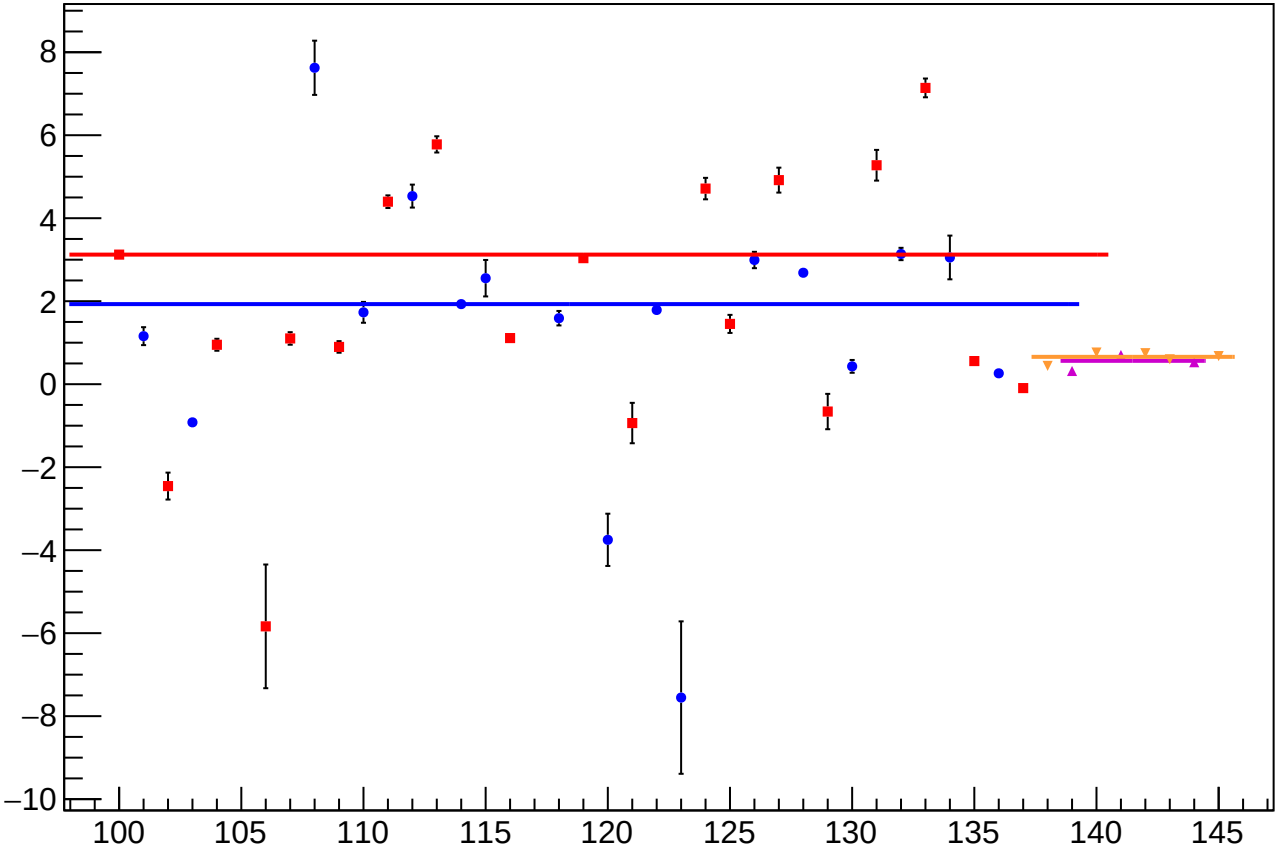
Left In: -254.075+/-0.631 χ^2/NDF:1068.9/2

+ sign -344.481+/-0.234 χ^2/NDF: 51817.8/21

All: -498.692+/-0.000 χ^2/NDF: 1149087.6/43

- sign -498.692+/-0.000 χ^2/NDF: 663398.3/21

dit_sam2_11X12X_slope vs Slug



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.659+/-0.006 χ^2/NDF:315.1/4

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

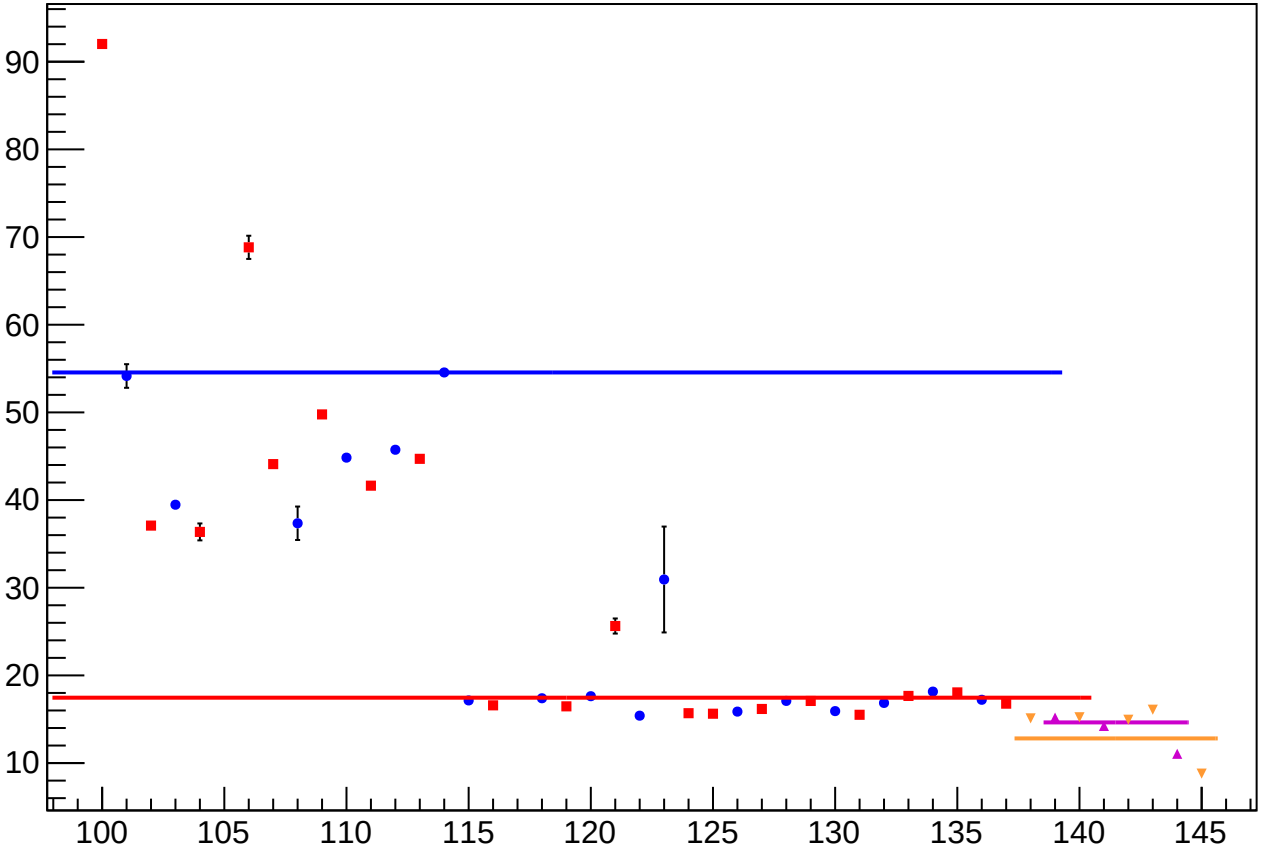
Left In: 0.563+/-0.004 χ^2/NDF:1433.6/2

+ sign 1.930+/-0.000 χ^2/NDF: 113391.9/21

All: 2.073+/-0.000 χ^2/NDF: 3809953457808

- sign 3.123+/-0.000 χ^2/NDF: 938135.5/21

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 12.812+/-0.014 χ^2/NDF:57904.2/4

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

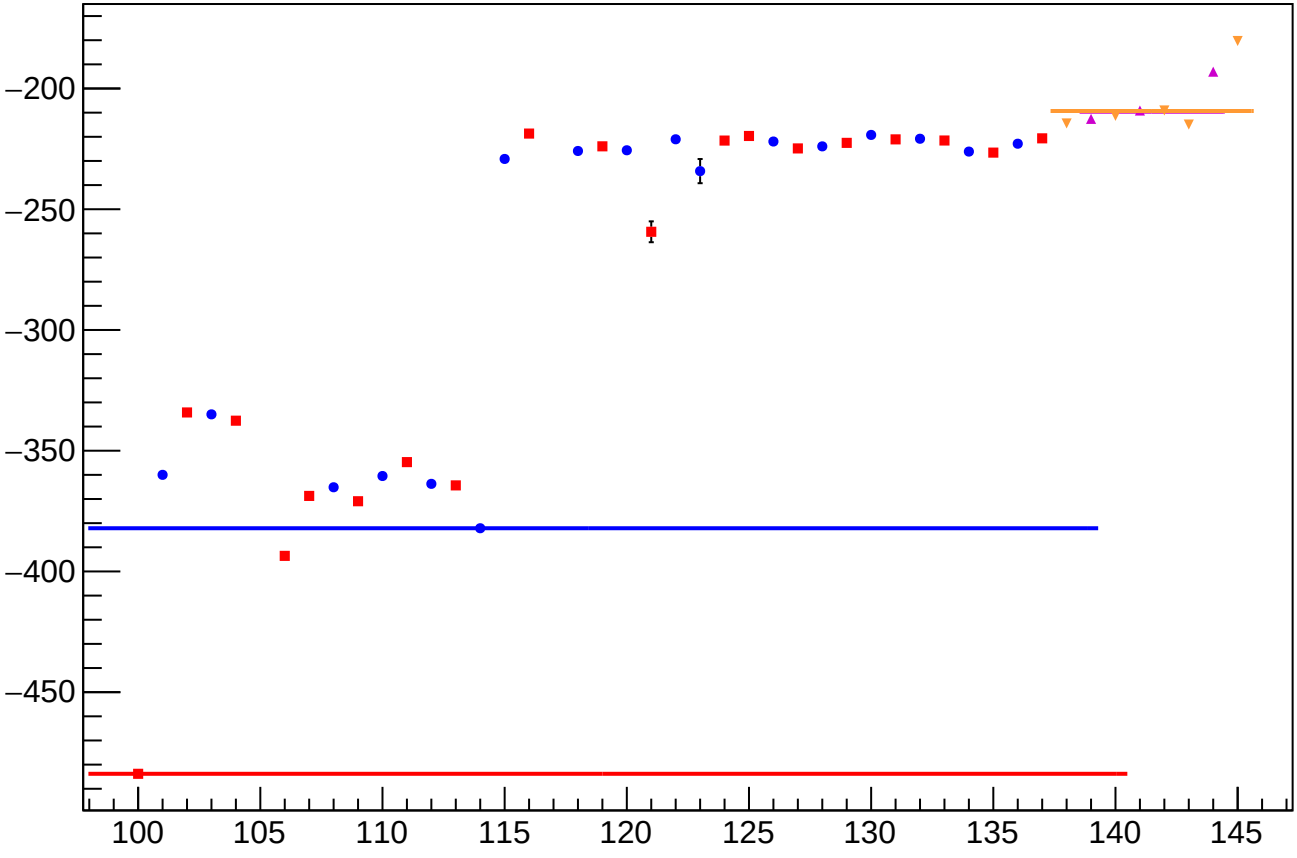
Left In: 14.638+/-0.023 χ^2/NDF:1891.9/2

+ sign 54.556+/-0.000 χ^2/NDF: 16804200.3/21

All: 54.556+/-0.000 χ^2/NDF: 24140947.6/43

- sign 16.343+/-0.014 χ^2/NDF: 110609.7/21

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -209.316+/-0.039 χ^2/NDF:51837.5/4

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

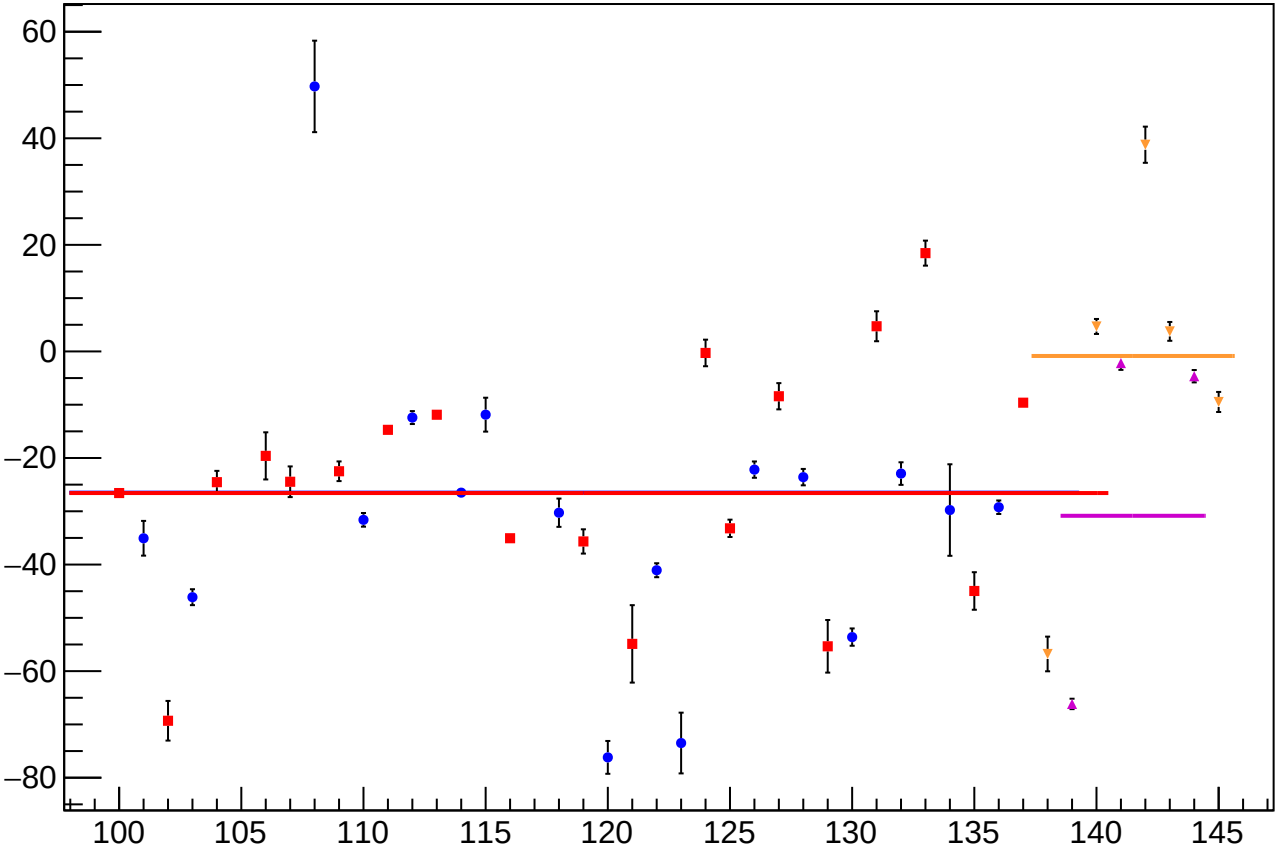
Left In: -209.615+/-0.043 χ^2/NDF:3225.8/2

+ sign -382.108+/-0.000 χ^2/NDF: 38494686.2/21

All: -417.999+/-0.000 χ^2/NDF: 12425488813

- sign -483.800+/-0.000 χ^2/NDF: 64749162.2/21

dit_sam3_4aX_slope vs Slug



Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -0.853+/-0.881 χ^2/NDF:475.0/4

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

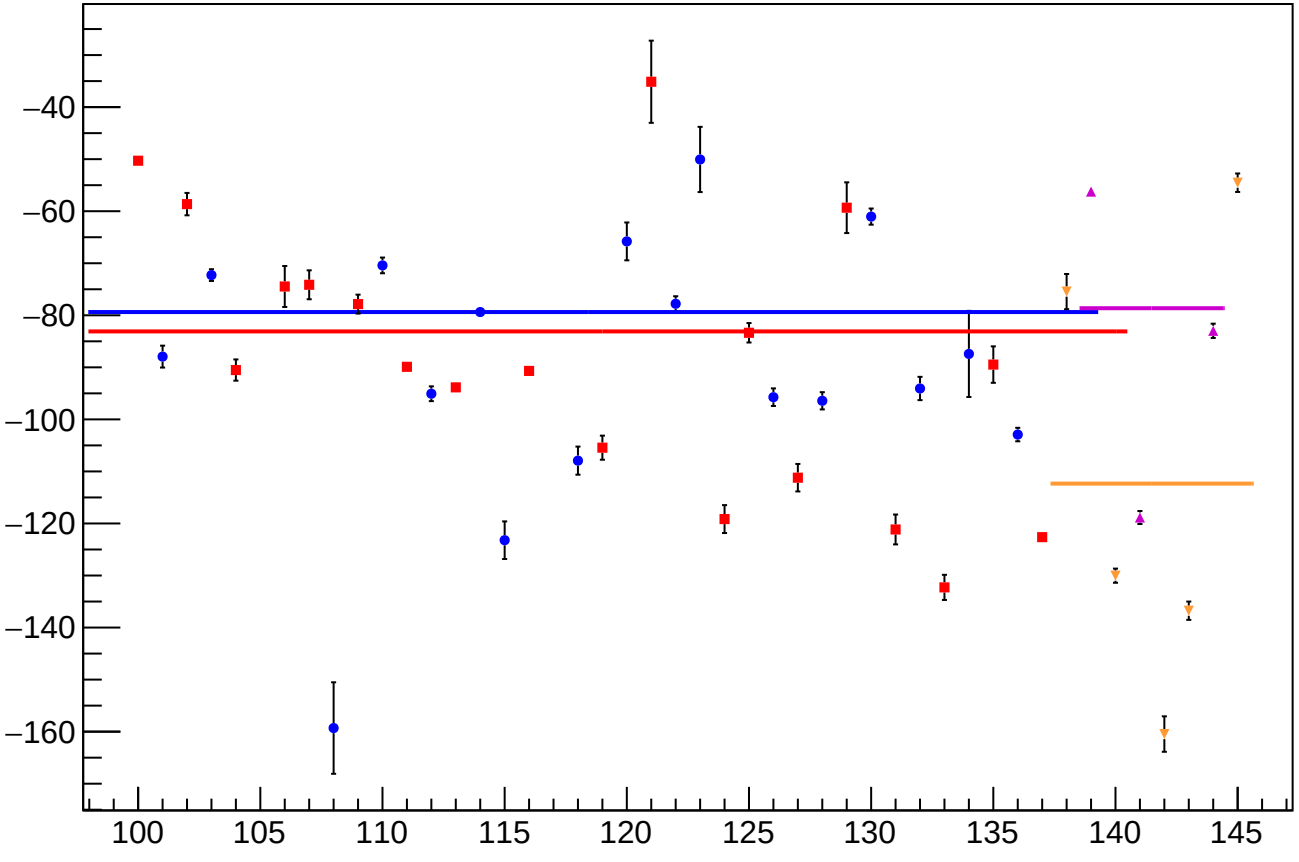
Left In: -30.845+/-0.646 χ^2/NDF:2314.6/2

+ sign -26.504+/-0.000 χ^2/NDF: 2503.4/21

All: -26.530+/-0.000 χ^2/NDF: 412159279654

- sign -26.577+/-0.000 χ^2/NDF: 4999.1/21

dit_sam3_4eX_slope vs Slug



Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -112.341+/-0.859 χ^2/NDF:1743.6/4

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

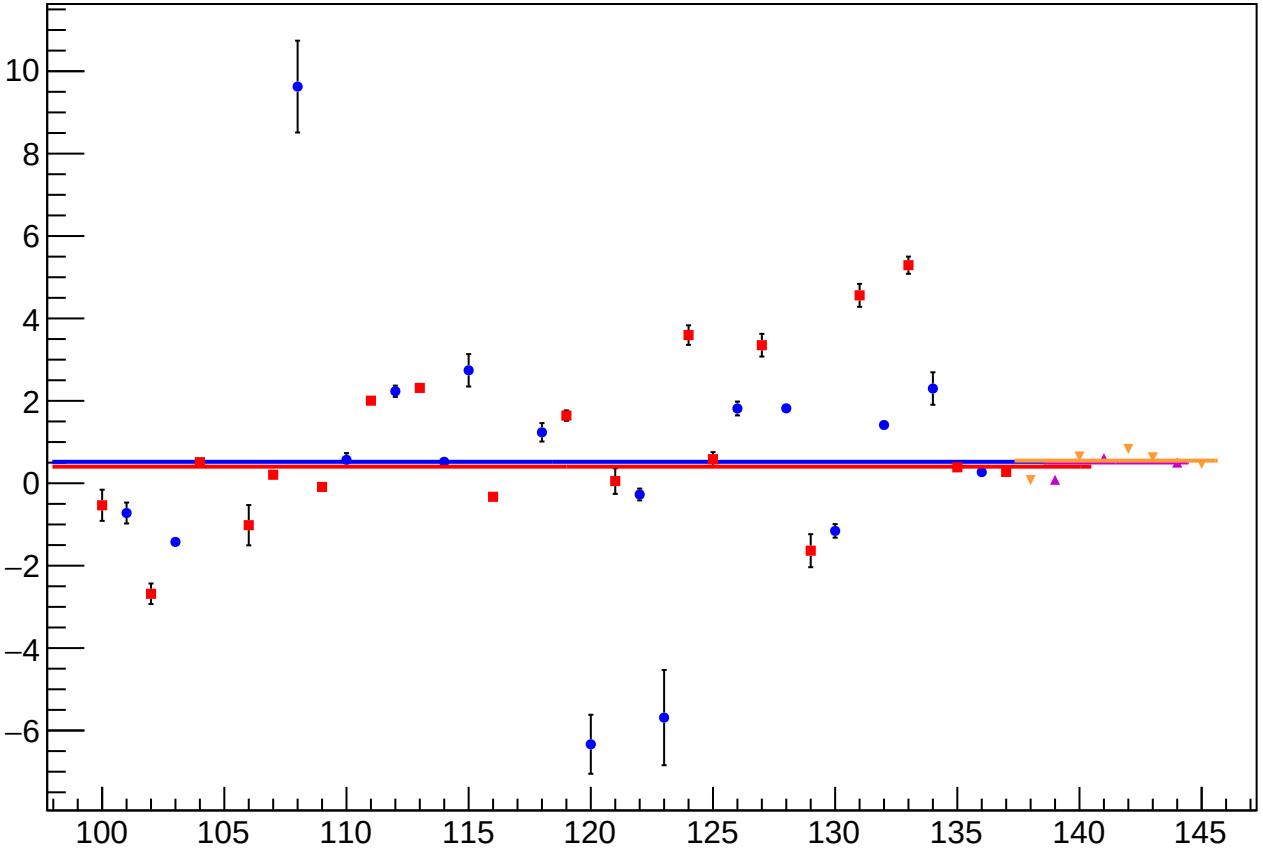
Left In: -78.638+/-0.642 χ^2/NDF:1676.8/2

+ sign -79.376+/-0.000 χ^2/NDF: 4521.5/21

All: -79.376+/-0.000 χ^2/NDF: 18552.0/43

- sign -82.780+/-0.172 χ^2/NDF: 13637.4/21

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.549+/-0.007 χ^2/NDF:994.0/4

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

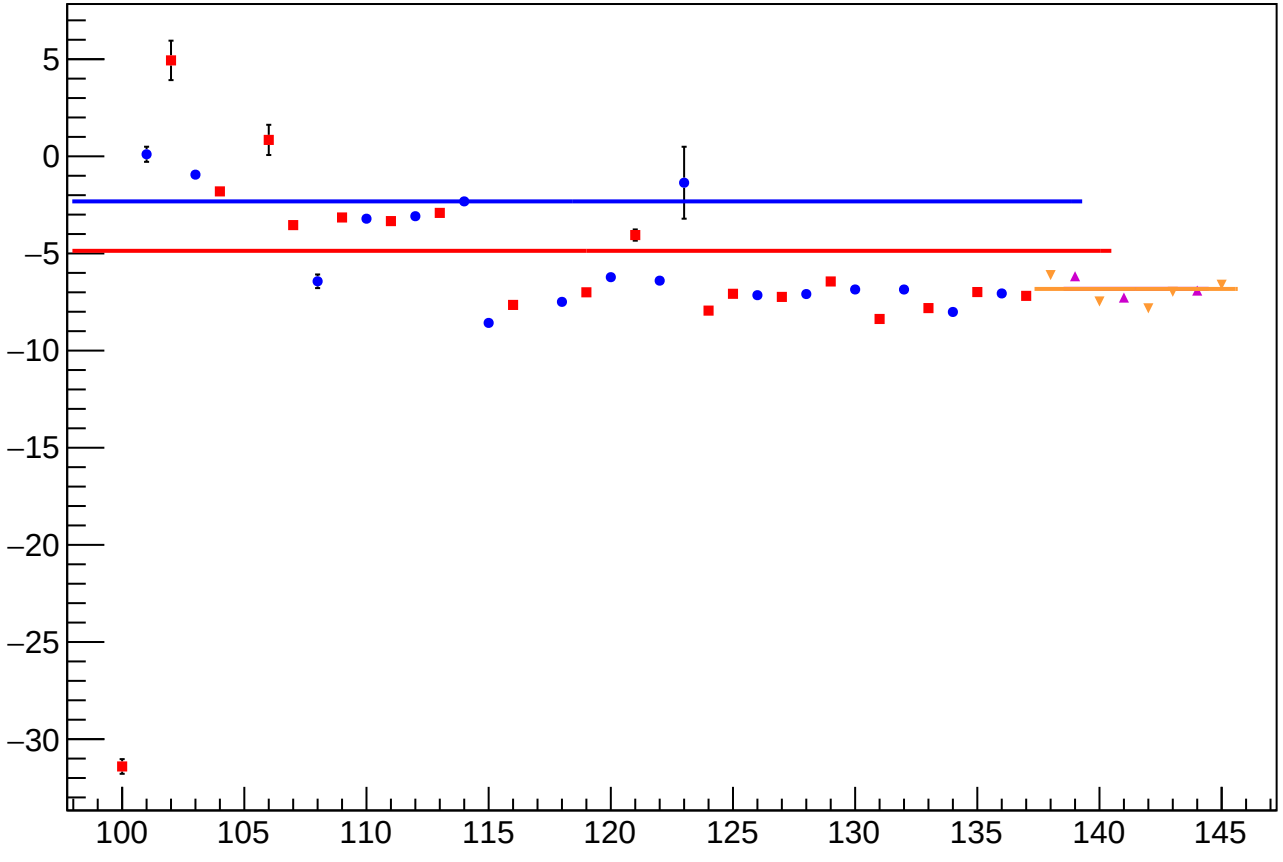
Left In: 0.504+/-0.003 χ^2/NDF:2615.1/2

+ sign 0.521+/-0.000 χ^2/NDF: 4382.1/21

All: 0.521+/-0.000 χ^2/NDF: 9864.2/43

- sign 0.495+/-0.003 χ^2/NDF: 5421.0/21

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.825+/-0.012 χ^2/NDF:1418.2/4

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

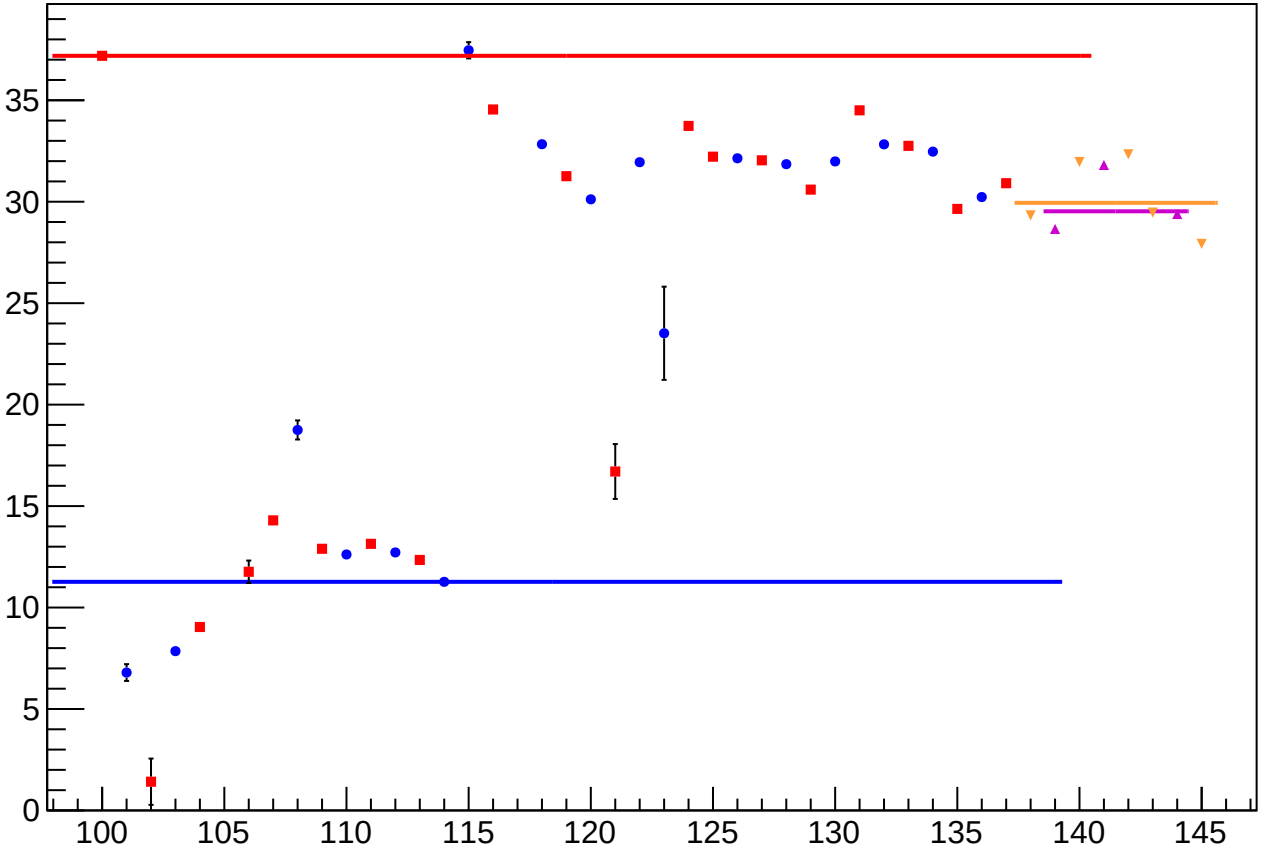
Left In: -6.822+/-0.008 χ^2/NDF:2069.8/2

+ sign -2.320+/-0.000 χ^2/NDF: 421843.2/21

All: -2.320+/-0.000 χ^2/NDF: 831799.3/43

- sign -6.056+/-0.006 χ^2/NDF: 73430.2/21

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.945+/-0.029 χ^2/NDF:3700.9/4

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

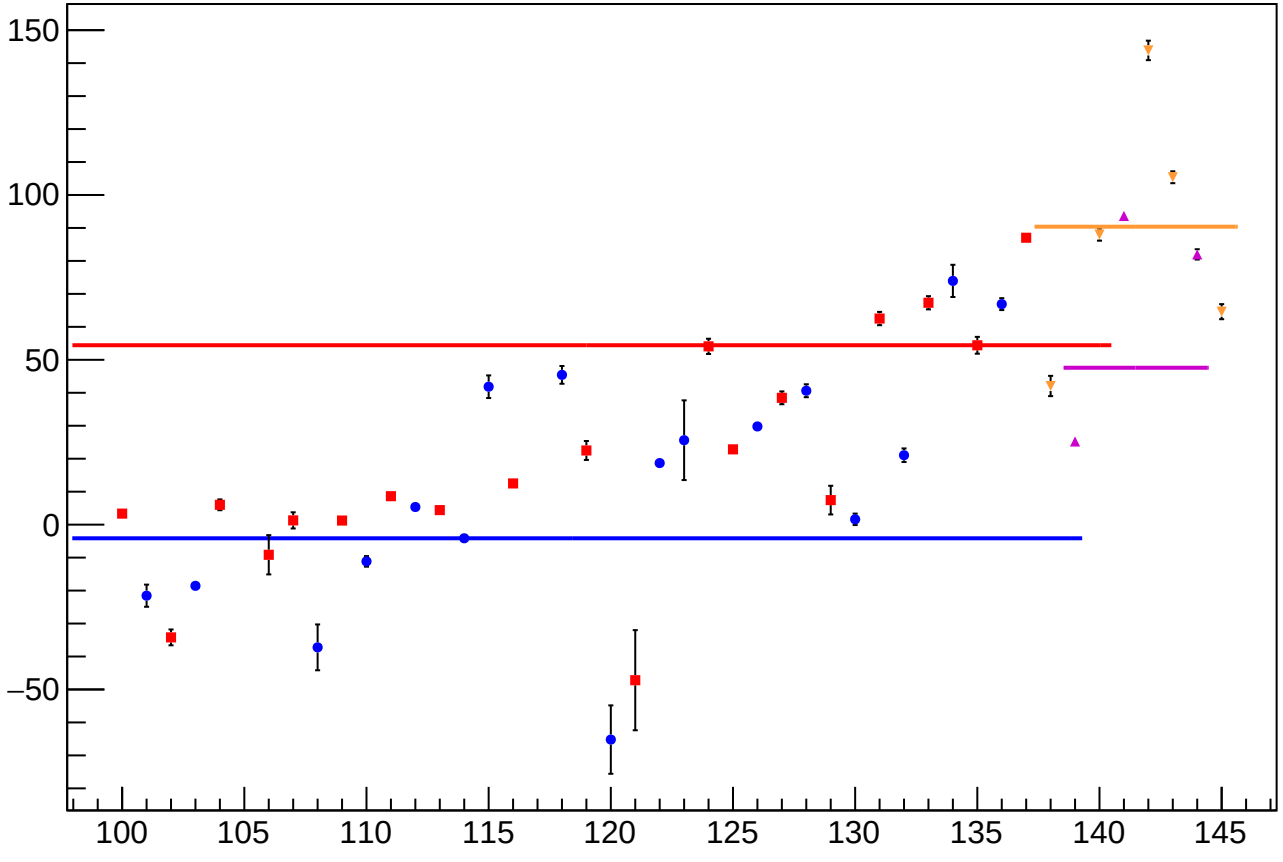
Left In: 29.528+/-0.029 χ^2/NDF:1418.8/2

+ sign 11.268+/-0.000 χ^2/NDF: 1380761.1/21

All: 12.122+/-0.000 χ^2/NDF: 772305569497

- sign 37.191+/-0.000 χ^2/NDF: 1191879.1/21

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 90.379+/-0.995 χ^2/NDF:773.1/4

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

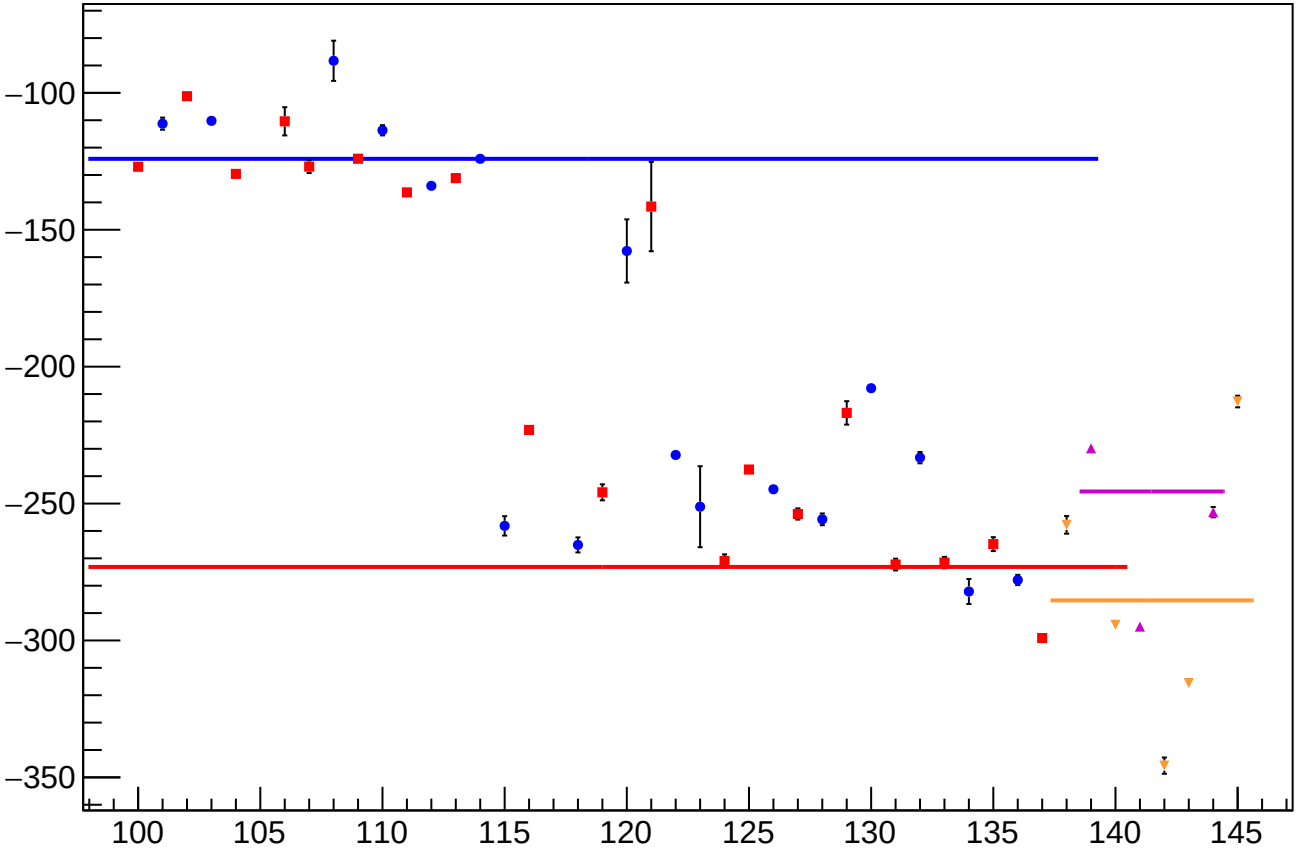
Left In: 47.594+/-0.588 χ^2/NDF:2708.7/2

+ sign -4.139+/-0.000 χ^2/NDF: 14443.0/21

All: -4.139+/-0.000 χ^2/NDF: 197270.0/43

- sign 53.898+/-0.164 χ^2/NDF: 56832.0/21

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -285.367+/-0.979 χ^2/NDF:1948.7/4

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

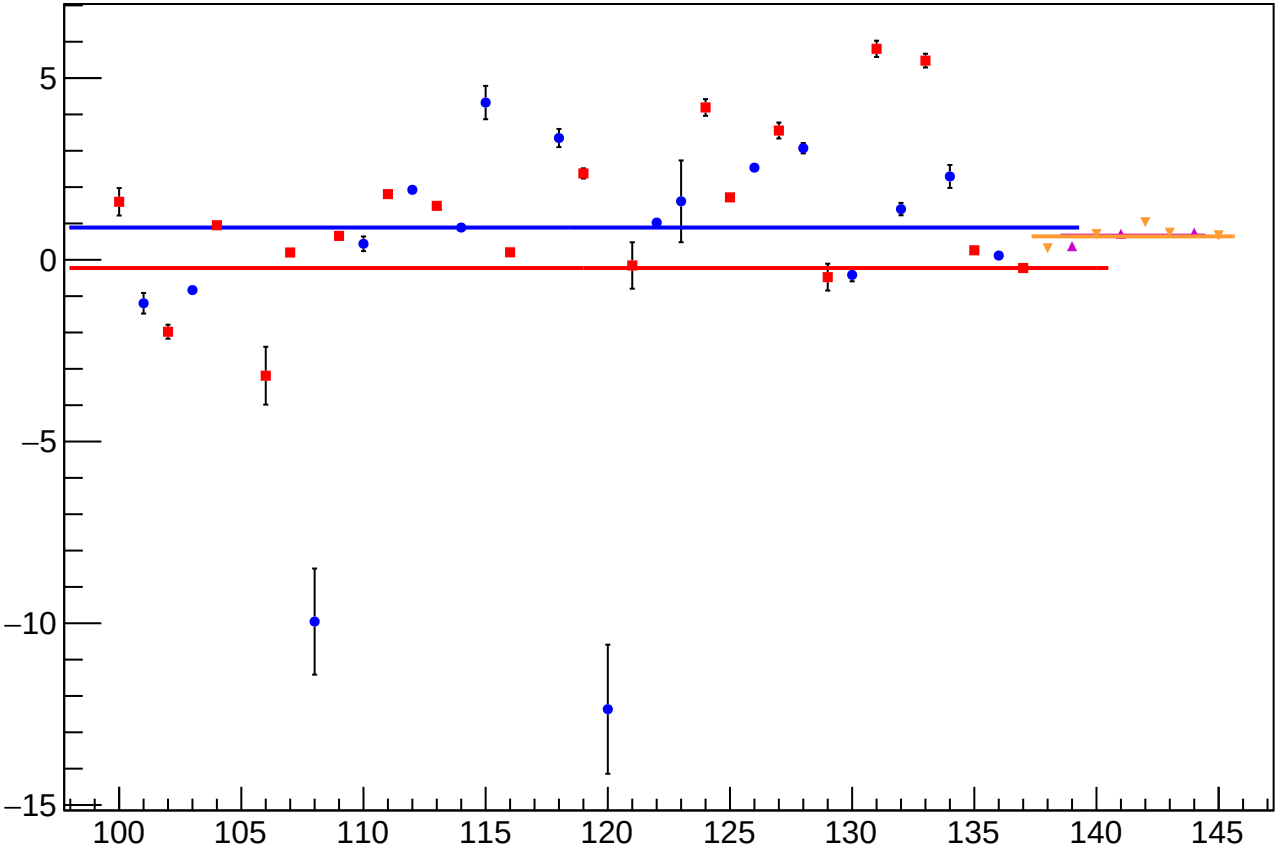
Left In: -245.590+/-0.569 χ^2/NDF:2127.2/2

+ sign -124.095+/-0.000 χ^2/NDF: 67264.3/21

All: -124.095+/-0.000 χ^2/NDF: 2143612.1/43

- sign -272.103+/-0.111 χ^2/NDF: 284525.7/21

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.644+/-0.007 χ^2/NDF:970.4/4

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

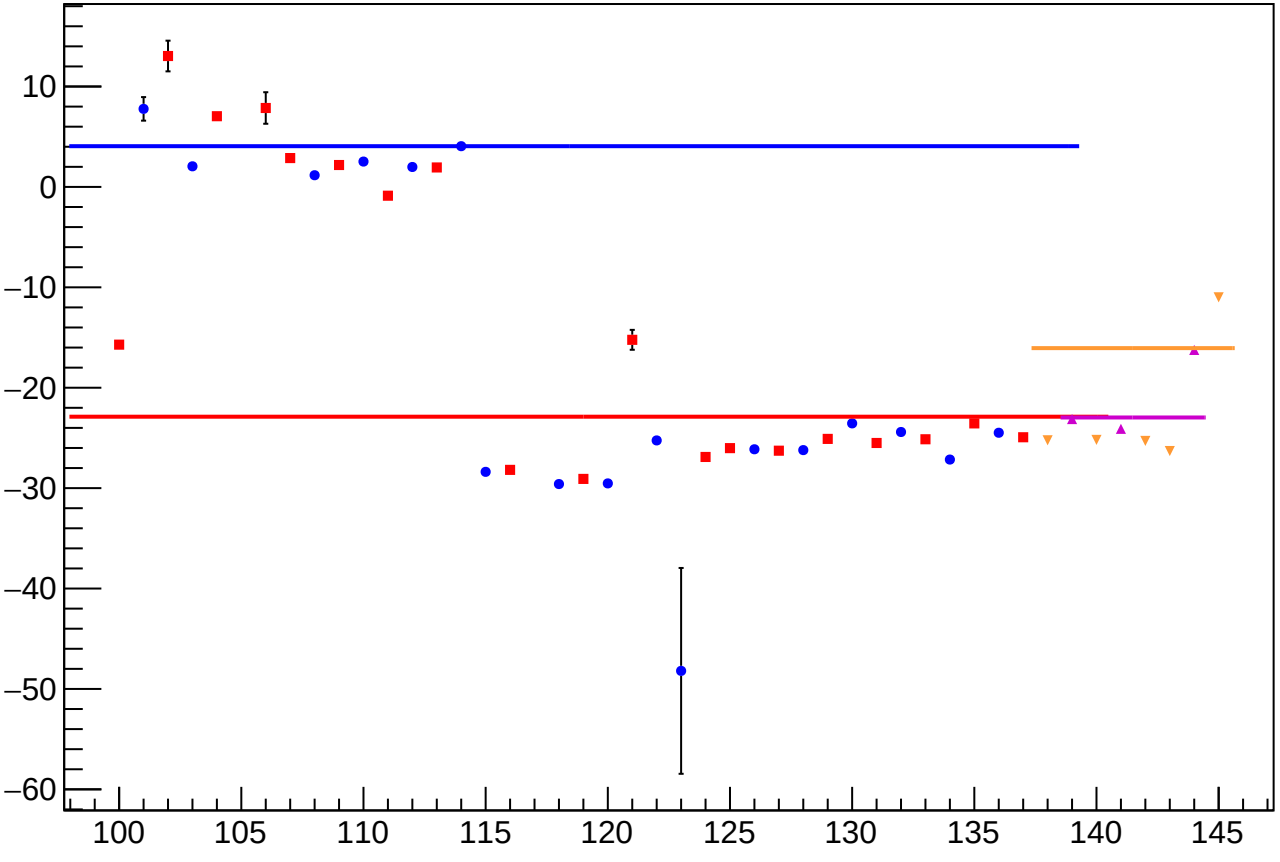
Left In: 0.665+/-0.005 χ^2/NDF:748.8/2

+ sign 0.888+/-0.000 χ^2/NDF: 10712.1/21

All: 0.888+/-0.000 χ^2/NDF: 422225085.1/43

- sign -0.226+/-0.000 χ^2/NDF: 34061.2/21

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.056+/-0.028 χ^2/NDF:63045.4/4

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

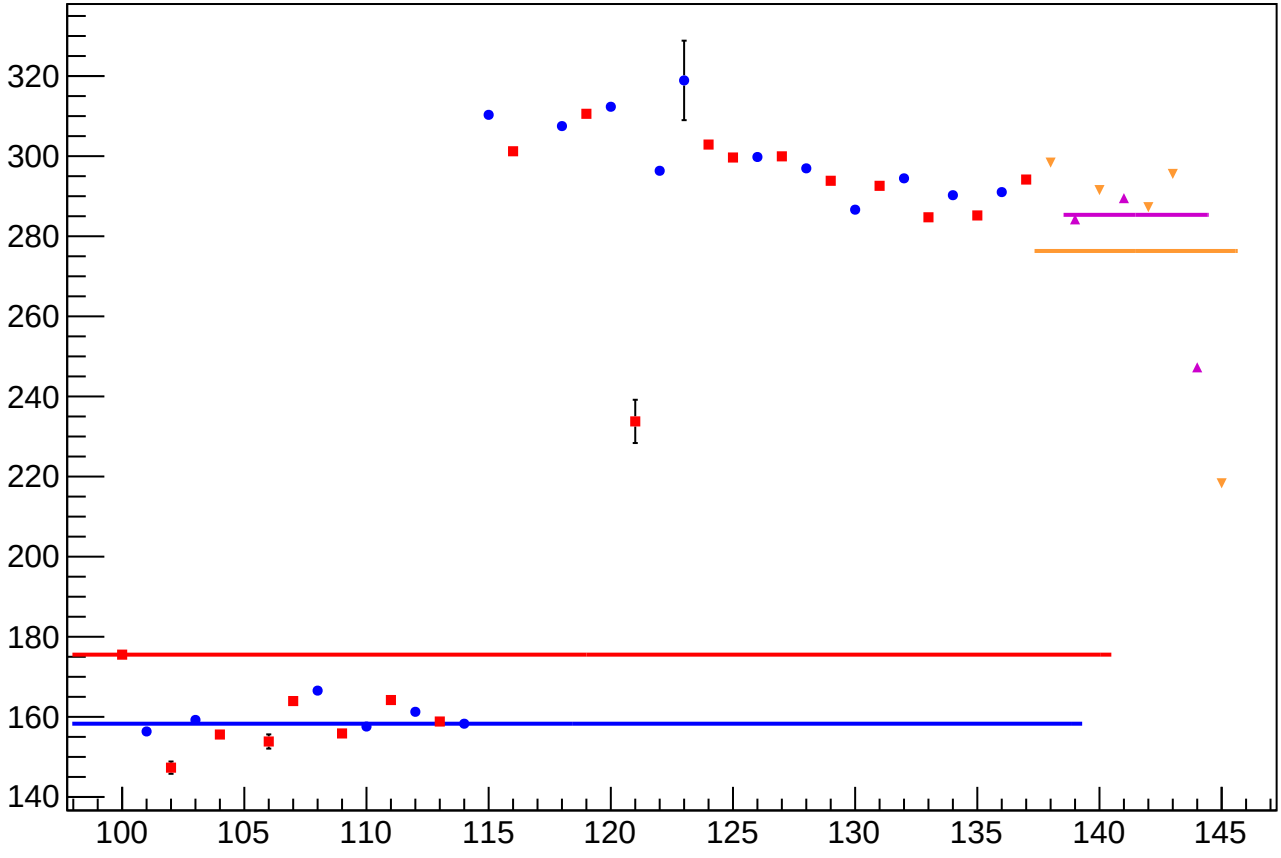
Left In: -22.964+/-0.059 χ^2/NDF:1212.5/2

+ sign 4.057+/-0.000 χ^2/NDF: 1838911.8/21

All: 4.057+/-0.000 χ^2/NDF: 3212042.5/43

- sign -22.898+/-0.024 χ^2/NDF: 117722.9/21

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 276.327+/-0.081 χ^2/NDF:154853.5/4

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

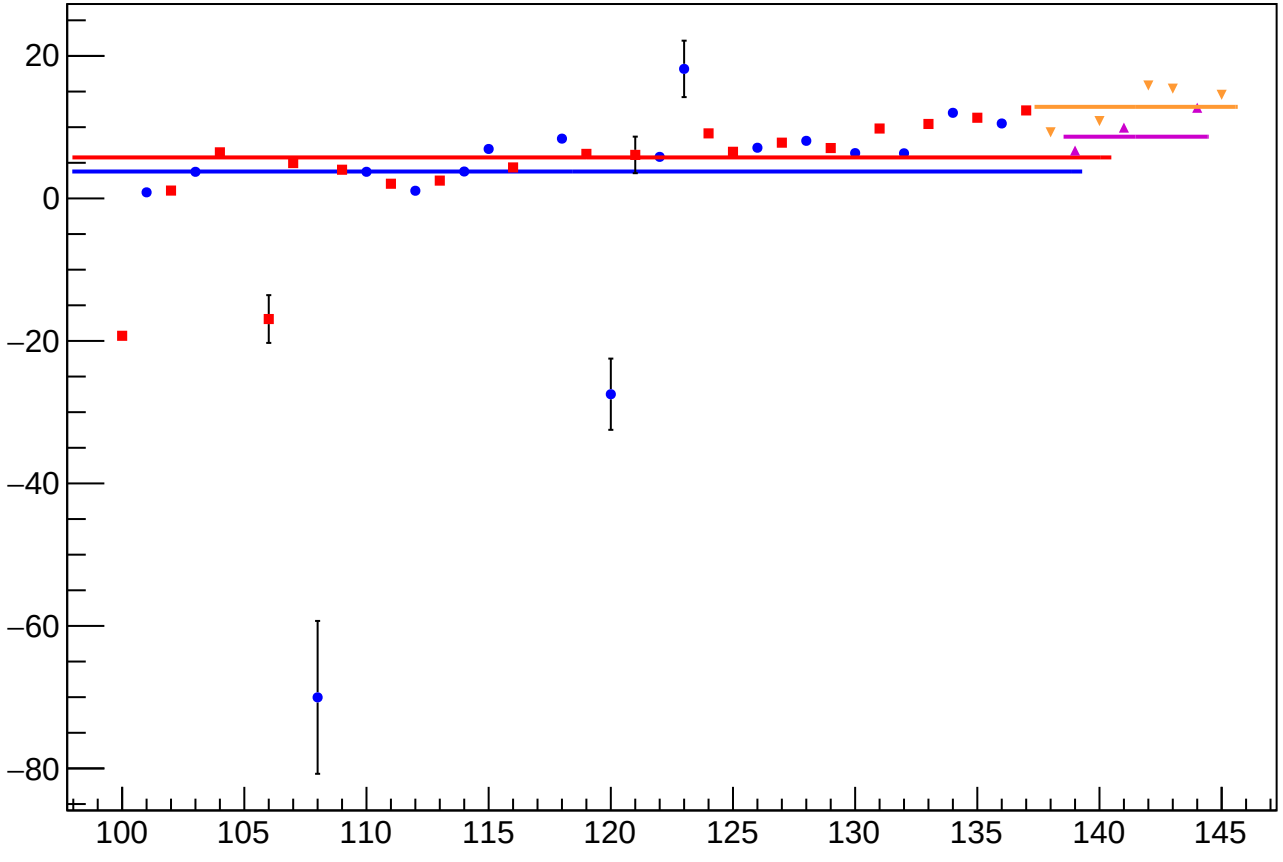
Left In: 285.349+/-0.189 χ^2/NDF:1794.4/2

+ sign 158.293+/-0.000 χ^2/NDF: 4694668.8/21

All: 172.618+/-0.000 χ^2/NDF: 37372749122

- sign 175.536+/-0.000 χ^2/NDF: 2440105.4/21

dit_sam5_4aX_slope vs Slug



Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 12.855+/-0.111 χ^2/NDF:472.4/4

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

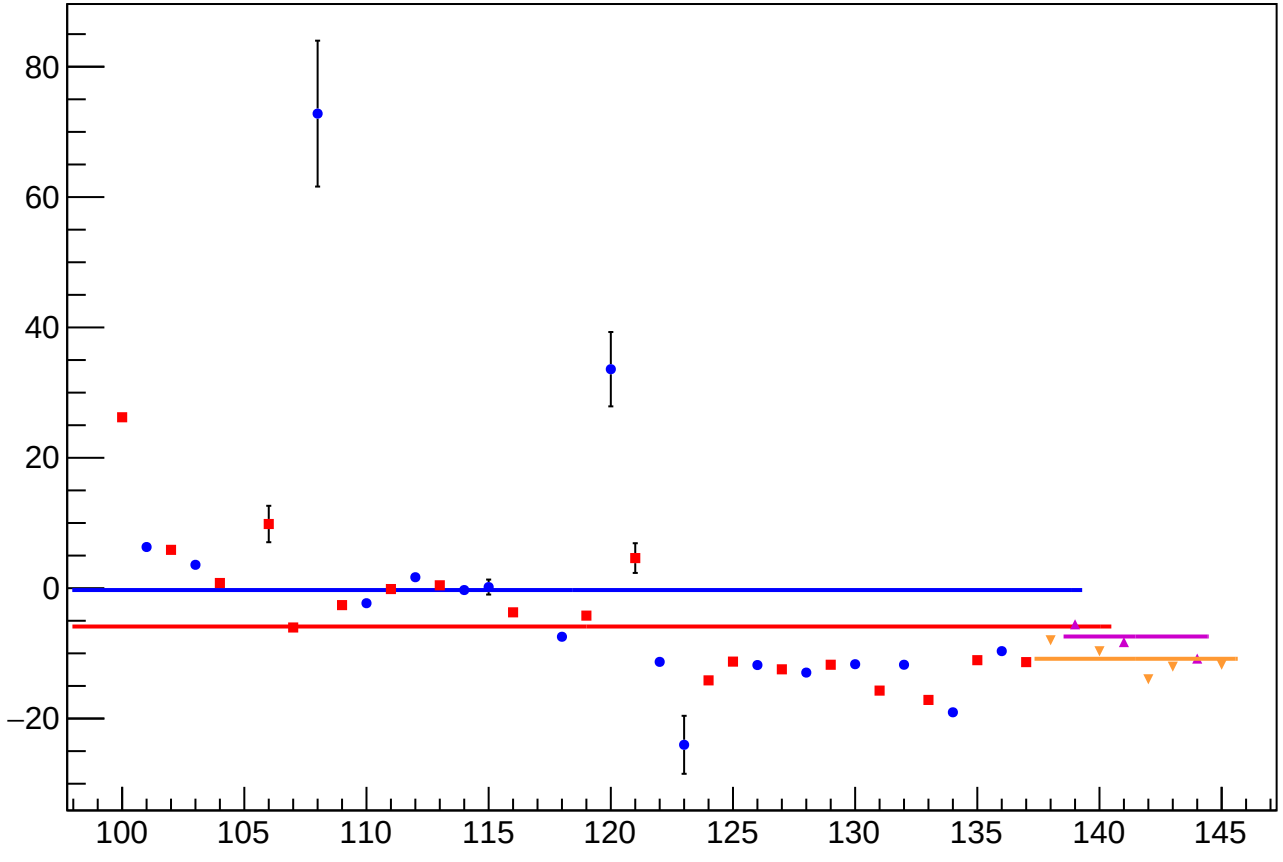
Left In: 8.665+/-0.062 χ^2/NDF:1202.5/2

+ sign 3.778+/-0.000 χ^2/NDF: 14081.5/21

All: 3.778+/-0.000 χ^2/NDF: 49618.5/43

- sign 6.180+/-0.024 χ^2/NDF: 25355.4/21

dit_sam5_4eX_slope vs Slug



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -10.832+/-0.109 χ^2/NDF:224.3/4

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

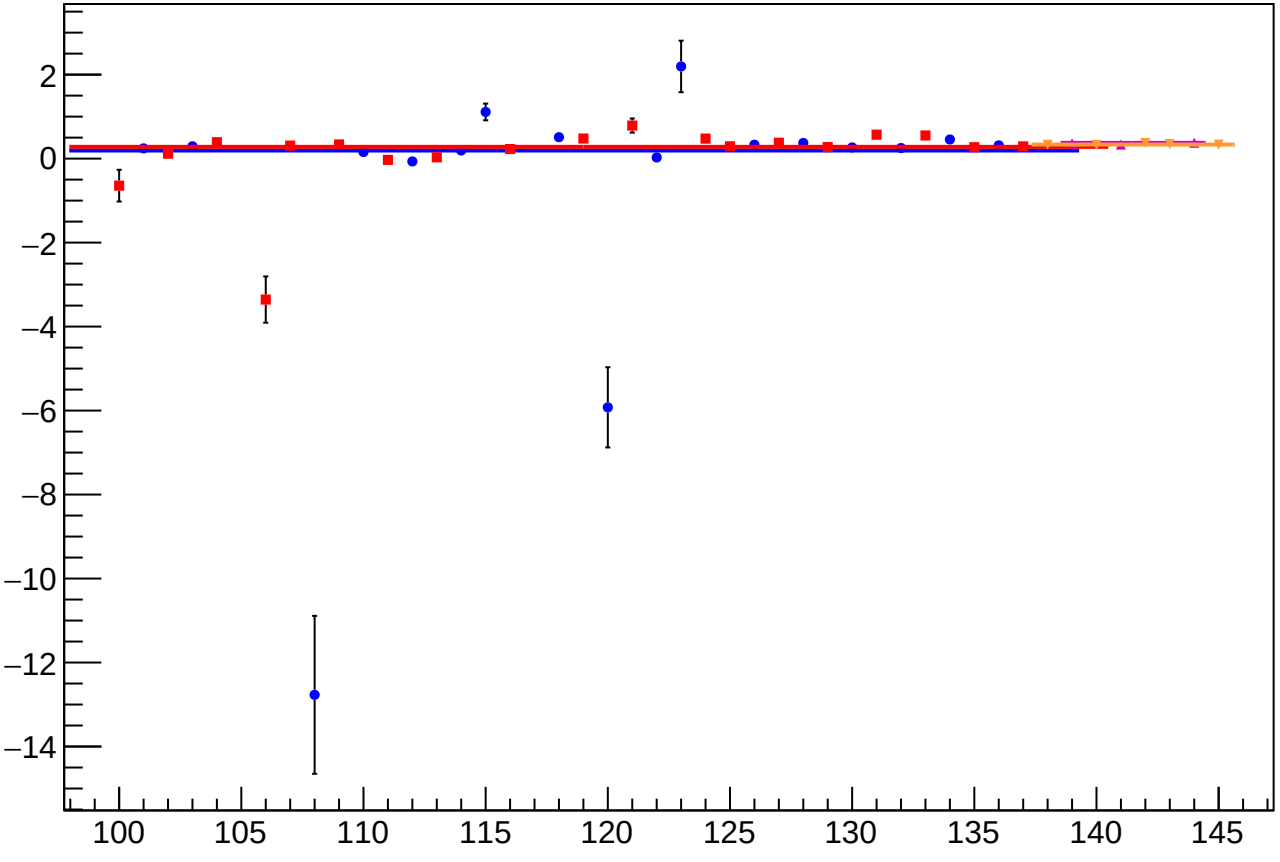
Left In: -7.415+/-0.066 χ^2/NDF:828.5/2

+ sign -0.287+/-0.000 χ^2/NDF: 53811.4/21

All: -0.287+/-0.000 χ^2/NDF: 171992.1/43

- sign -6.103+/-0.025 χ^2/NDF: 64780.2/21

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.335+/-0.001 χ^2/NDF:79.9/4

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

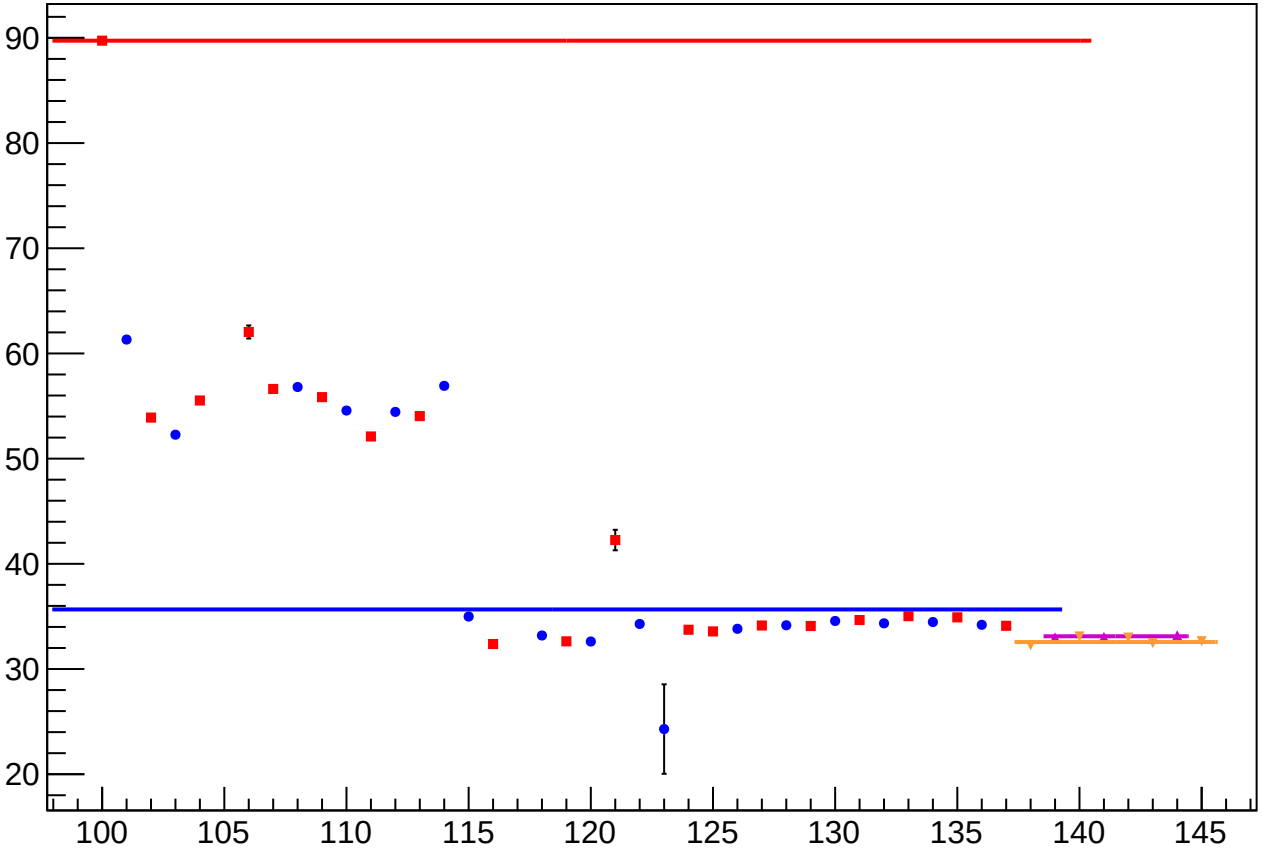
Left In: 0.375+/-0.001 χ^2/NDF:67.0/2

+ sign 0.193+/-0.000 χ^2/NDF: 25092.6/21

All: 0.193+/-0.000 χ^2/NDF: 54304.9/43

- sign 0.334+/-0.001 χ^2/NDF: 8430.8/21

dit_sam5_4aY_slope vs Slug



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.564+/-0.012 χ^2/NDF:466.6/4

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

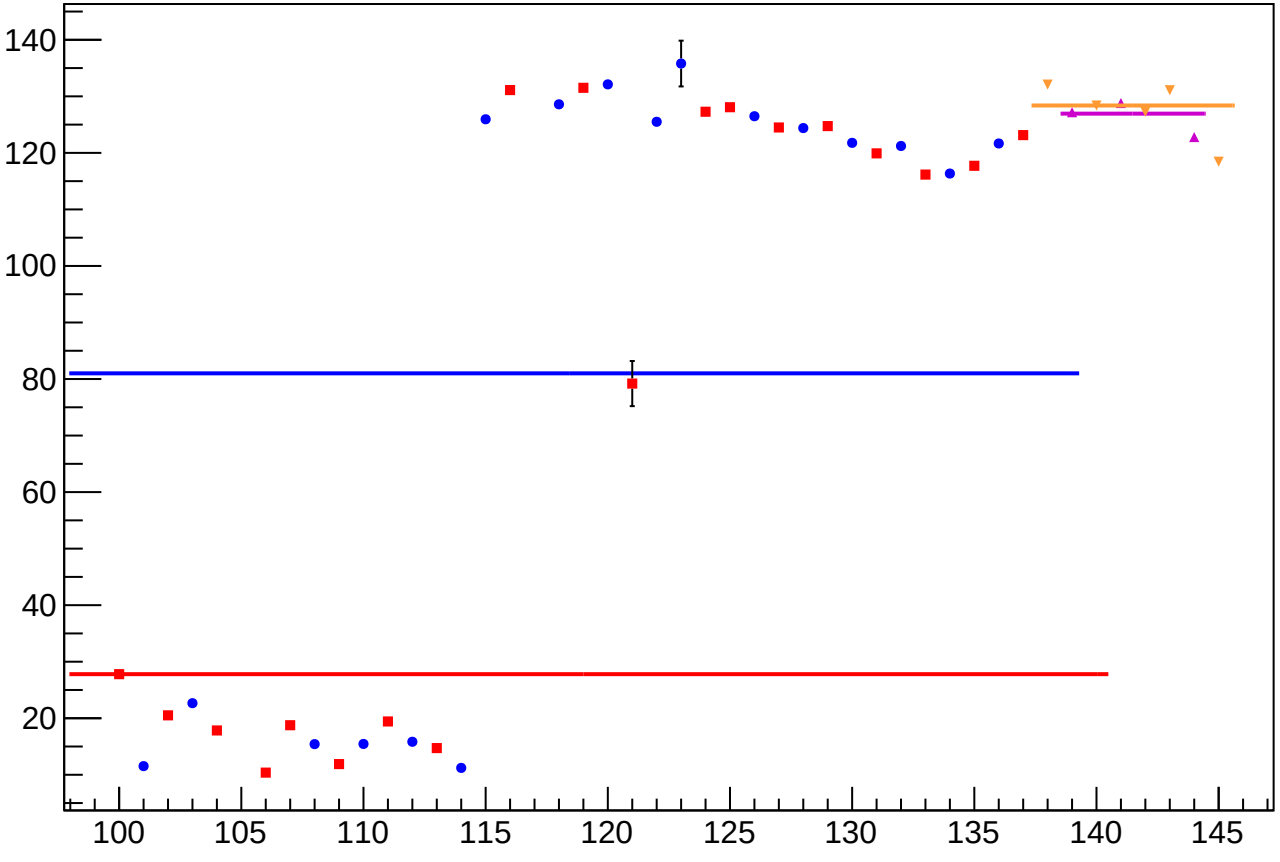
Left In: 33.112+/-0.016 χ^2/NDF:33.9/2

+ sign 34.252+/-0.008 χ^2/NDF: 253012.7/21

All: 89.735+/-0.000 χ^2/NDF: 82729529.7/43

- sign 89.735+/-0.000 χ^2/NDF: 38703782.4/21

dit_sam5_4eY_slope vs Slug



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 128.383+/-0.035 χ^2/NDF:14788.9/4

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

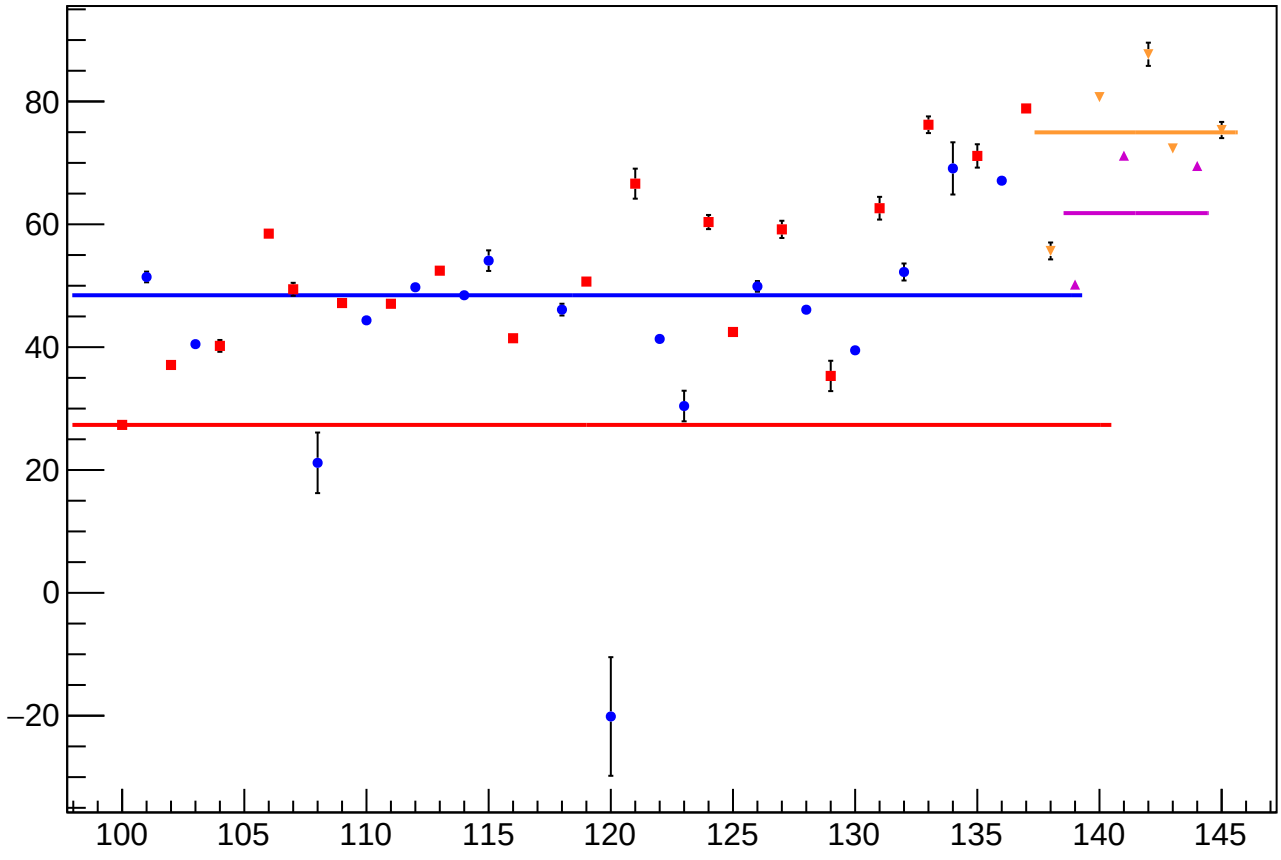
Left In: 126.941+/-0.060 χ^2/NDF:1380.4/2

+ sign 104.617+/-0.024 χ^2/NDF: 3181810.6/21

All: 27.798+/-0.000 χ^2/NDF: 24938191.2/43

- sign 27.798+/-0.000 χ^2/NDF: 11890674.9/21

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 74.970+/-0.455 χ^2/NDF:314.3/4

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

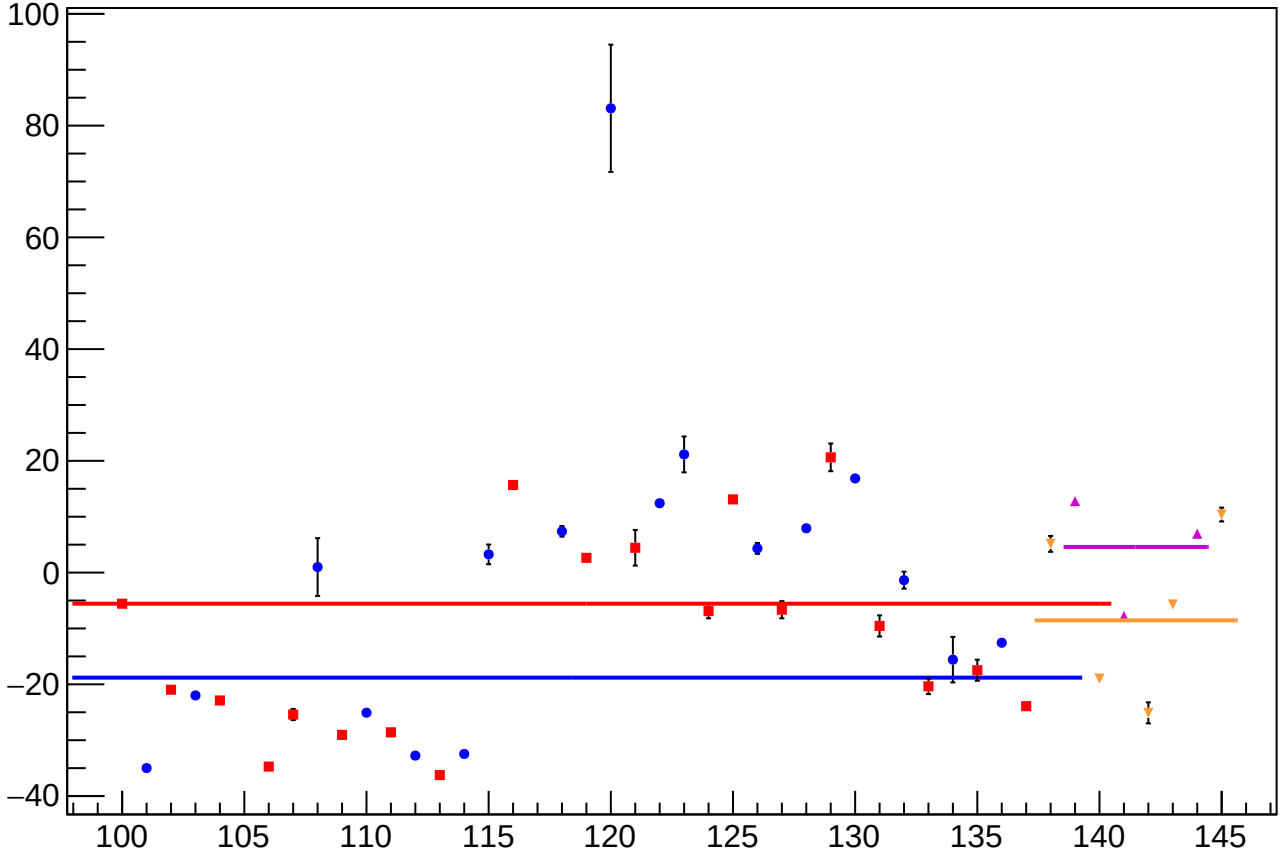
Left In: 61.823+/-0.331 χ^2/NDF:917.6/2

+ sign 48.450+/-0.000 χ^2/NDF: 6465.7/21

All: 28.365+/-0.000 χ^2/NDF: 102629010488

- sign 27.342+/-0.000 χ^2/NDF: 37550.8/21

dit_sam6_4eX_slope vs Slug



Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: -8.549+/-0.453 χ^2/NDF:614.8/4

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

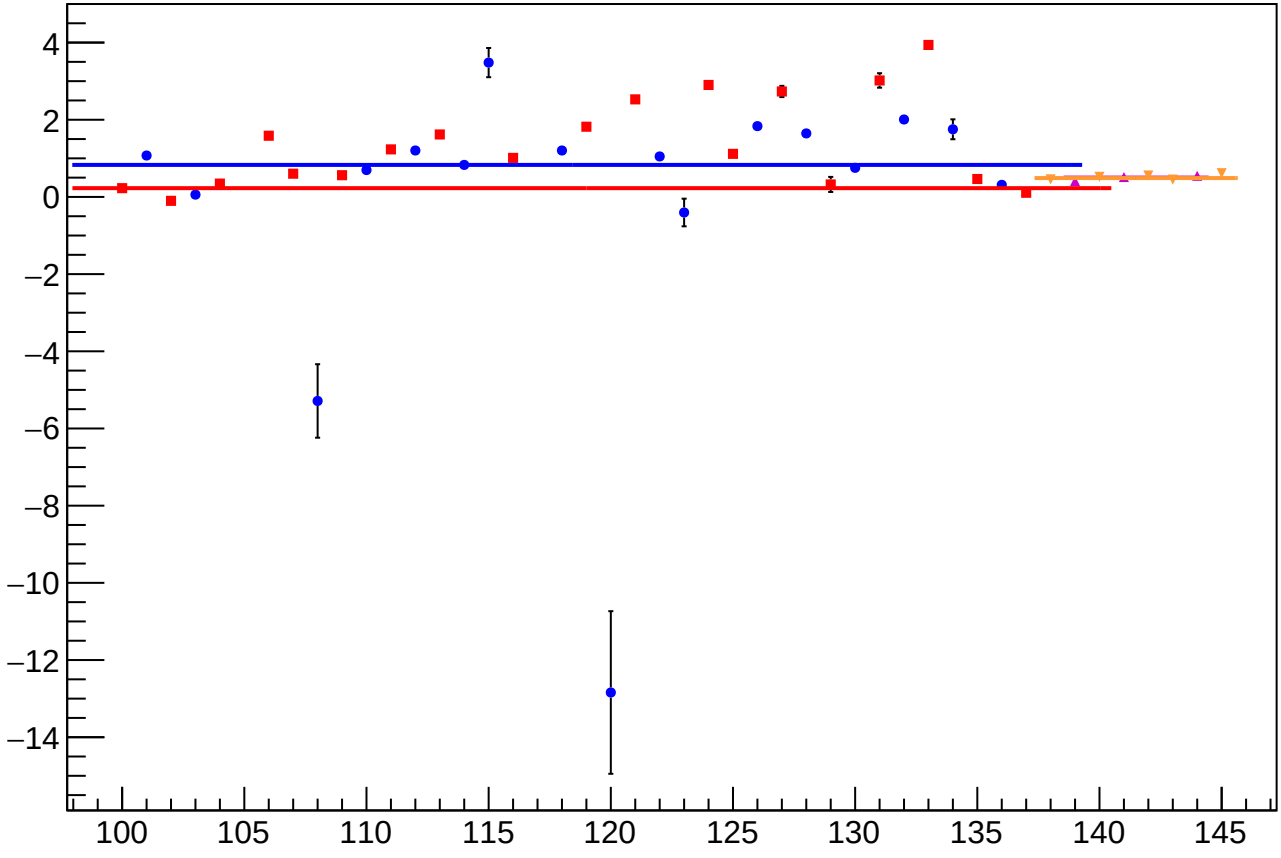
Left In: 4.592+/-0.326 χ^2/NDF:769.0/2

+ sign -17.804+/-0.141 χ^2/NDF: 12842.6/21

All: -5.568+/-0.000 χ^2/NDF: 45206.7/43

- sign -5.568+/-0.000 χ^2/NDF: 24837.4/21

dit_sam6_11X12X_slope vs Slug



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.489+/-0.003 χ^2/NDF:264.9/4

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

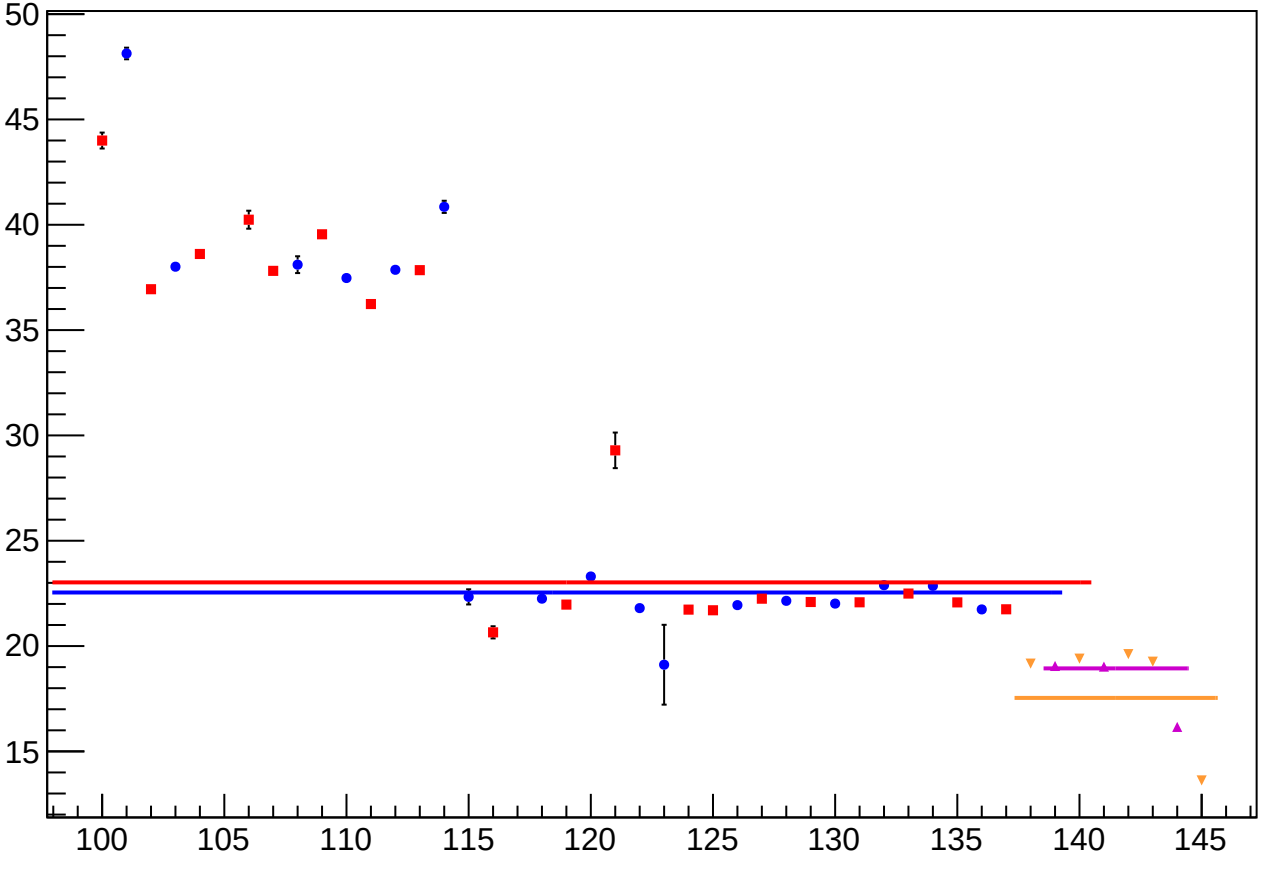
Left In: 0.501+/-0.003 χ^2/NDF:414.4/2

+ sign 0.830+/-0.000 χ^2/NDF: 30304.3/21

All: 0.289+/-0.000 χ^2/NDF: 2906608256145

- sign 0.227+/-0.000 χ^2/NDF: 22951.0/21

dit_sam6_4aY_slope vs Slug



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 17.539+/-0.010 χ^2/NDF:66335.4/4

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

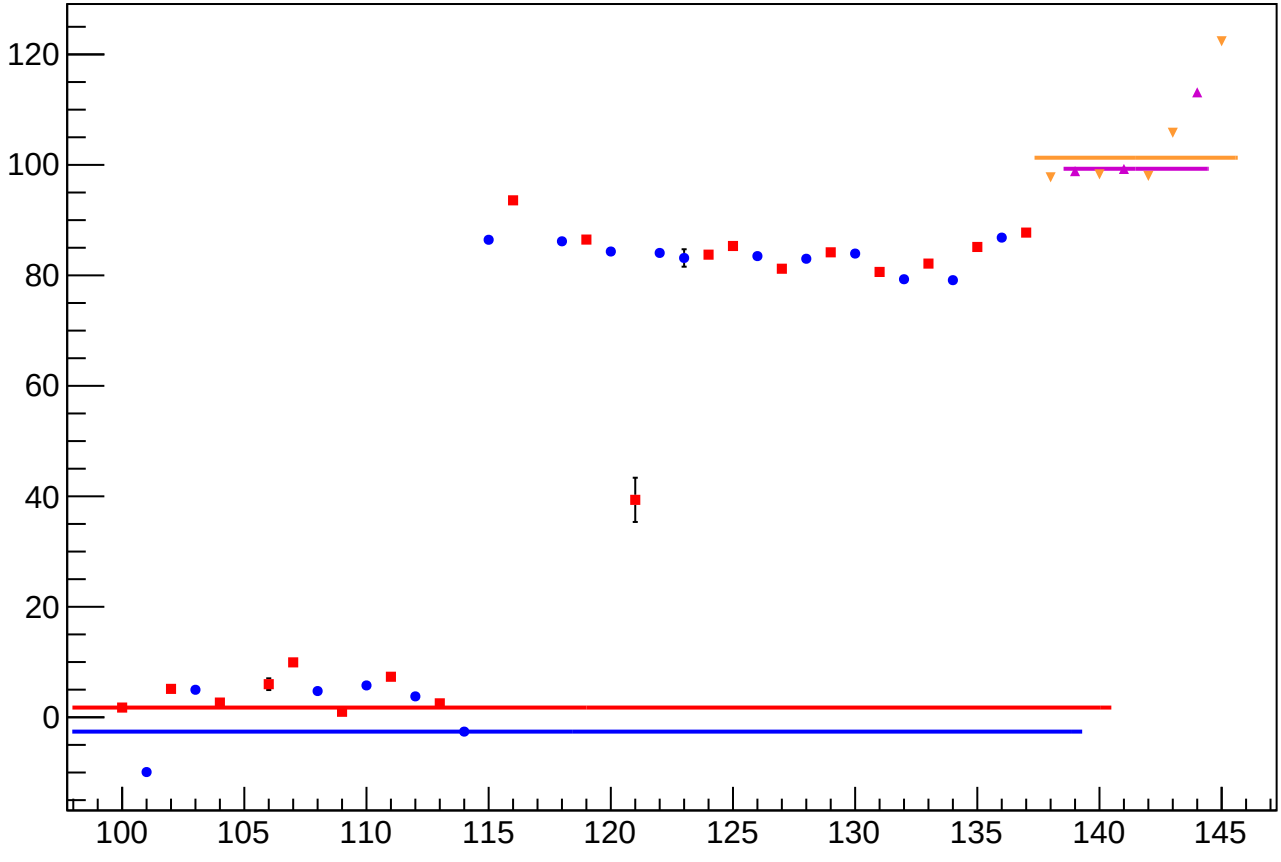
Left In: 18.940+/-0.016 χ^2/NDF:1054.8/2

+ sign 20.311+/-0.007 χ^2/NDF: 300630.6/21

All: 21.065+/-0.005 χ^2/NDF: 543682.5/43

- sign 22.040+/-0.008 χ^2/NDF: 215936.3/21

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 101.298+/-0.029 χ^2/NDF:51240.7/4

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

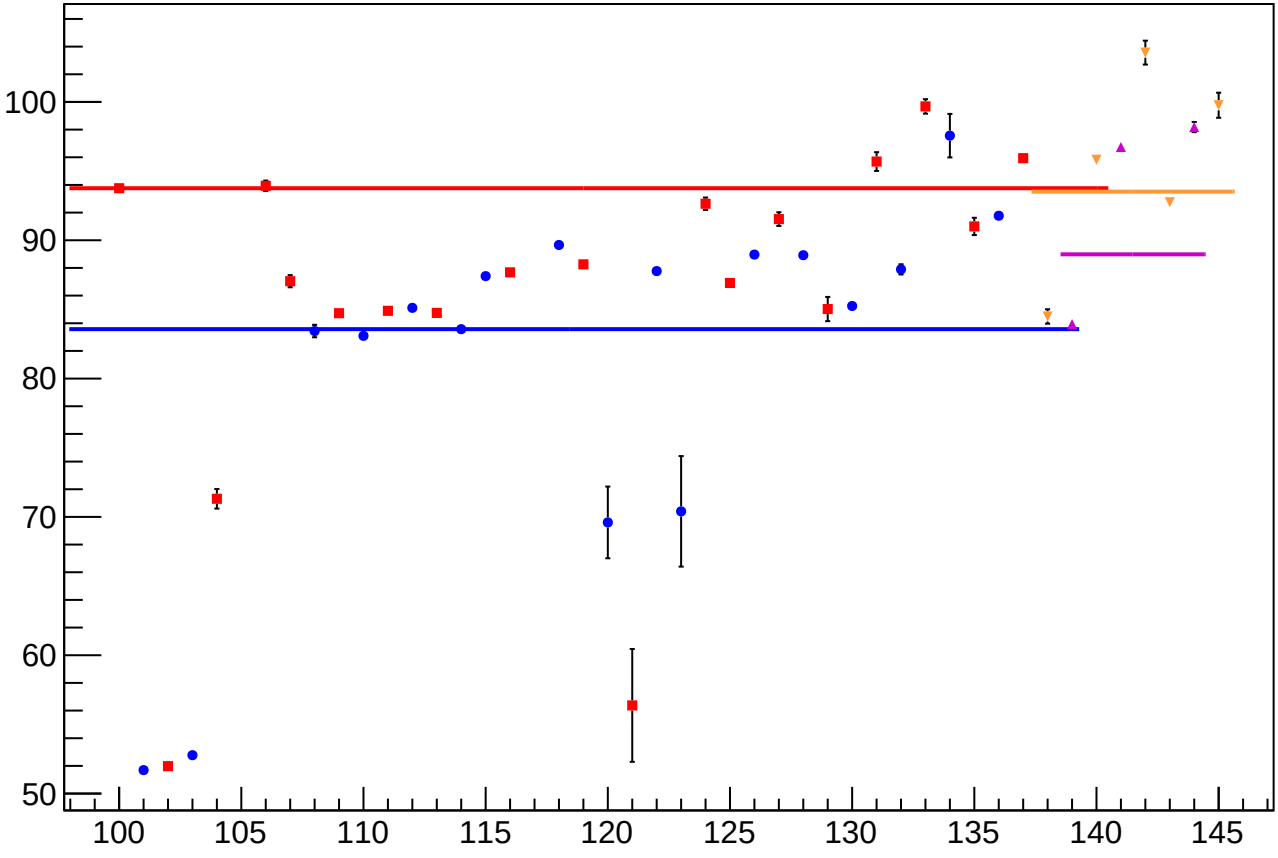
Left In: 99.299+/-0.031 χ^2/NDF:1219.2/2

+ sign -2.596+/-0.000 χ^2/NDF: 20321005.6/21

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

- sign 1.758+/-0.000 χ^2/NDF: 14229203.1/21

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 93.516+/-0.173 χ^2/NDF:548.3/4

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

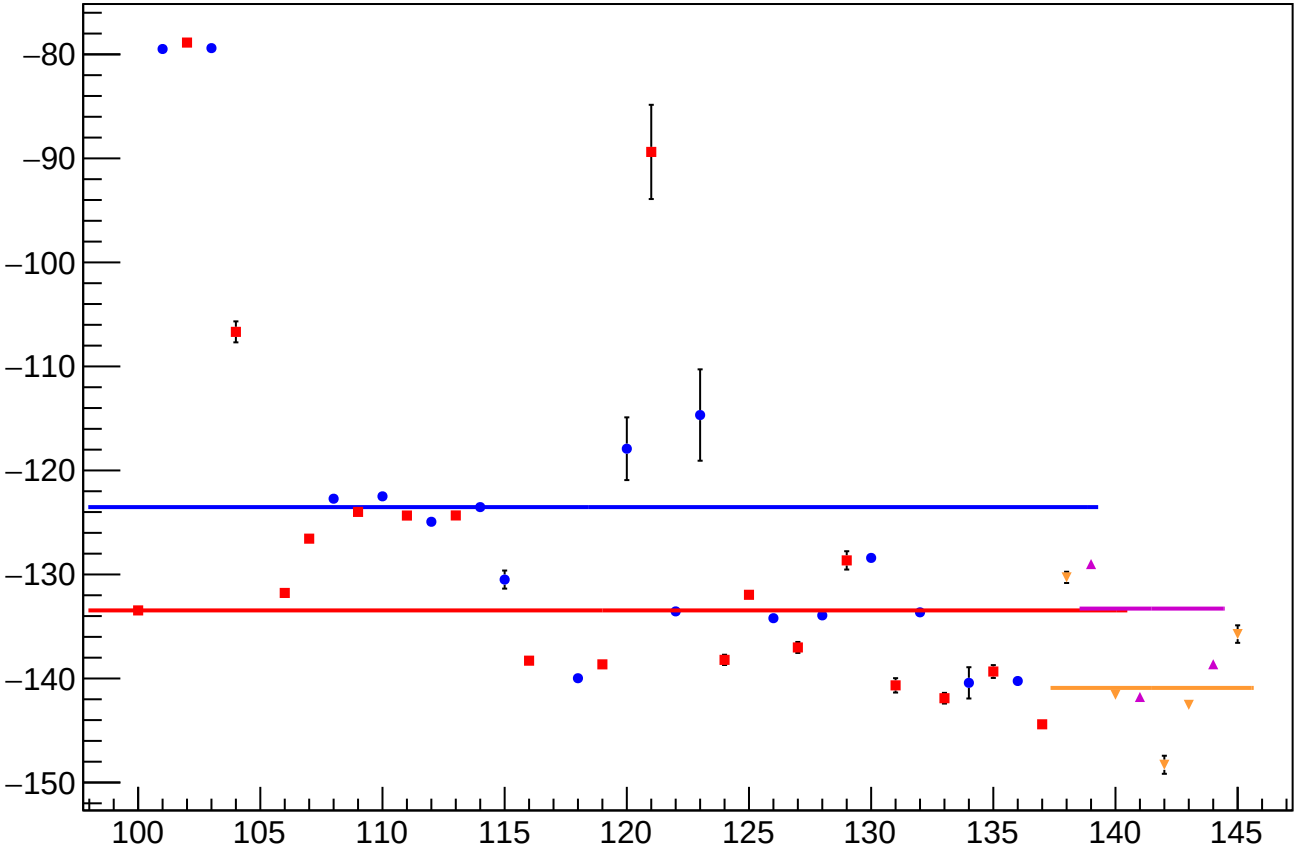
Left In: 88.983+/-0.145 χ^2/NDF:2008.8/2

+ sign 83.573+/-0.000 χ^2/NDF: 53307.7/21

All: 87.169+/-0.000 χ^2/NDF: 199568440414

- sign 93.762+/-0.000 χ^2/NDF: 85941.4/21

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -140.906+/-0.172 χ^2/NDF:545.6/4

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

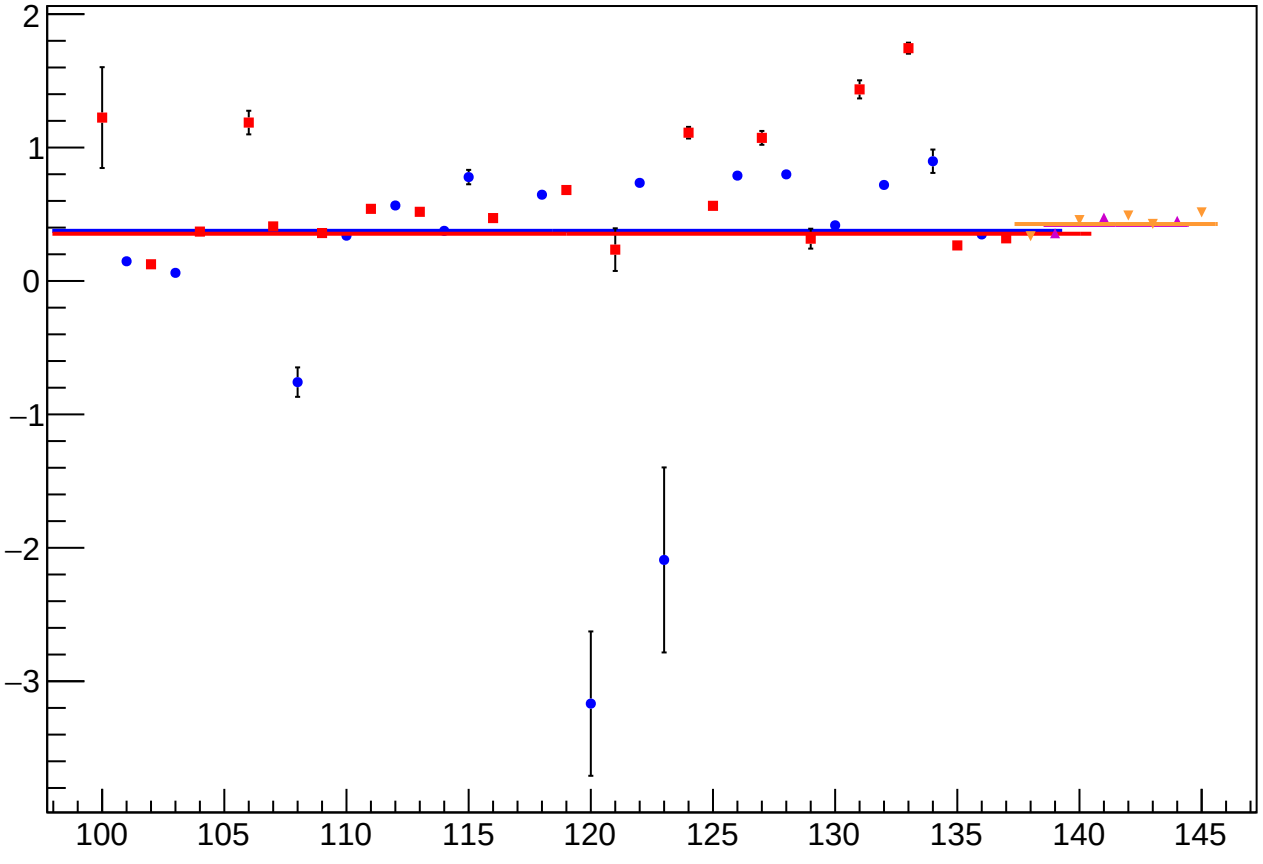
Left In: -133.281+/-0.139 χ^2/NDF:1621.1/2

+ sign -123.524+/-0.000 χ^2/NDF: 171094.6/21

All: -124.716+/-0.000 χ^2/NDF: 6446786990

- sign -133.456+/-0.000 χ^2/NDF: 396519.0/21

dit_sam7_11X12X_slope vs Slug



Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.427+/-0.001 χ^2/NDF:700.9/4

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

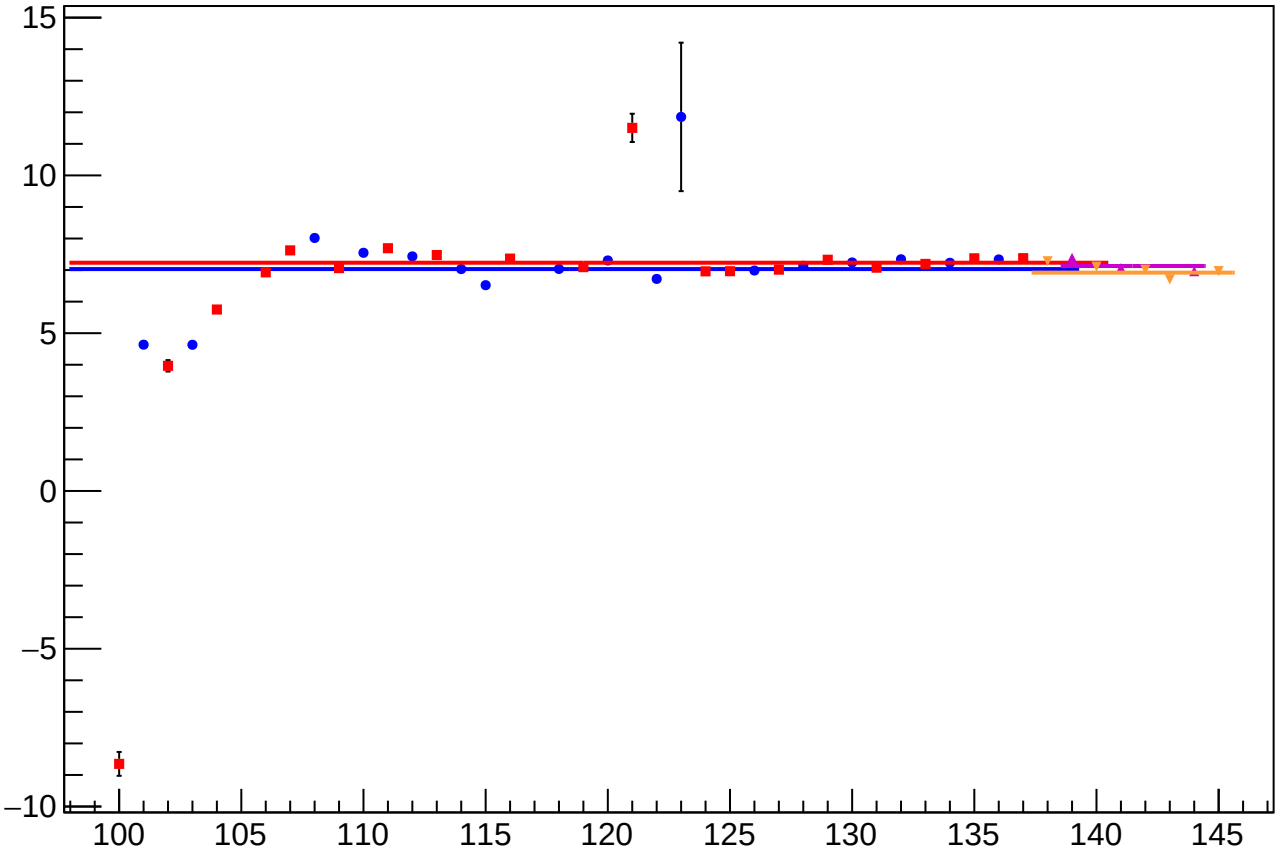
Left In: 0.420+/-0.001 χ^2/NDF:2603.4/2

+ sign 0.376+/-0.000 χ^2/NDF: 5998.2/21

All: 0.376+/-0.000 χ^2/NDF: 15063.0/43

- sign 0.397+/-0.001 χ^2/NDF: 8455.7/21

dit_sam7_4aY_slope vs Slug



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 6.919+/-0.003 χ^2/NDF:6617.2/4

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

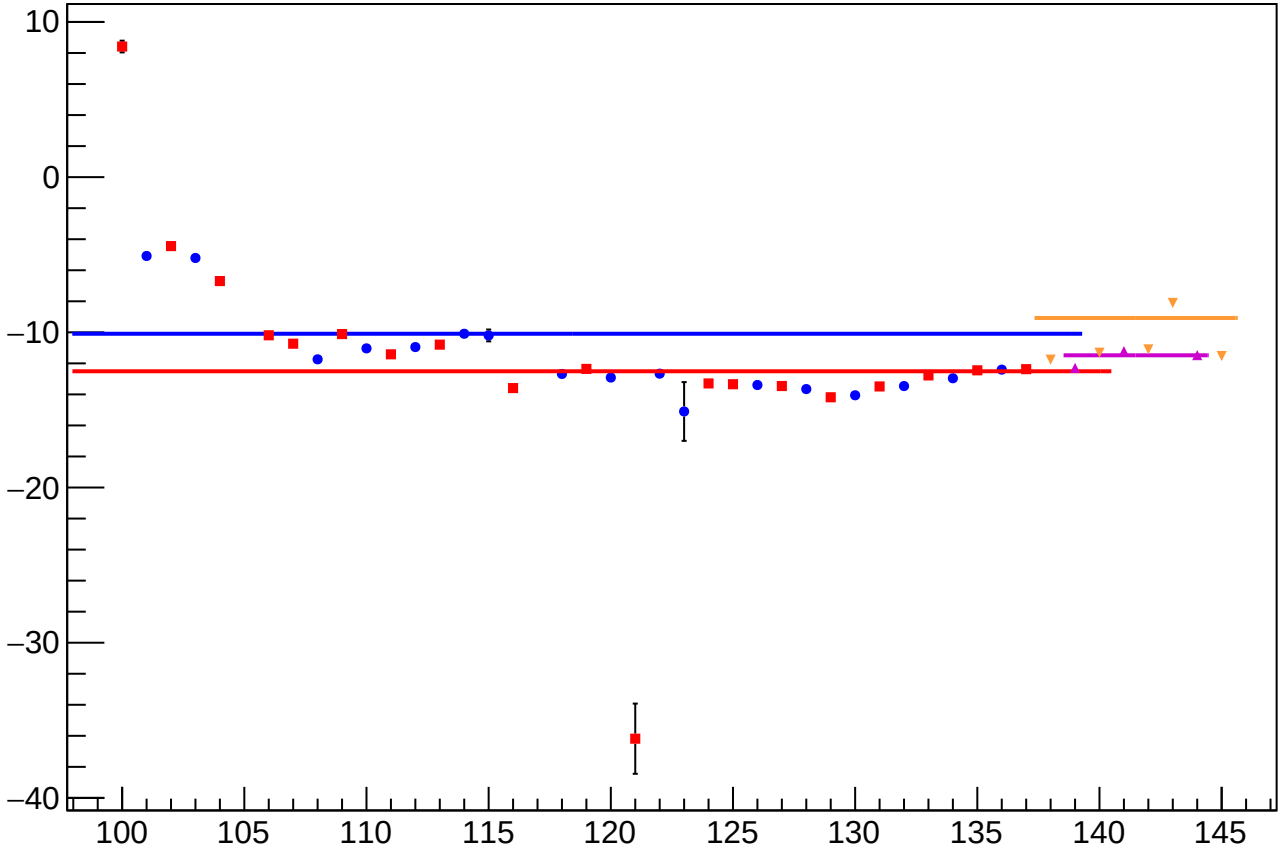
Left In: 7.129+/-0.002 χ^2/NDF:5509.3/2

+ sign 7.032+/-0.000 χ^2/NDF: 28077.5/21

All: 7.032+/-0.000 χ^2/NDF: 52376.6/43

- sign 7.183+/-0.002 χ^2/NDF: 16496.5/21

dit_sam7_4eY_slope vs Slug



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -9.074+/-0.005 χ^2/NDF:89855.6/4

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

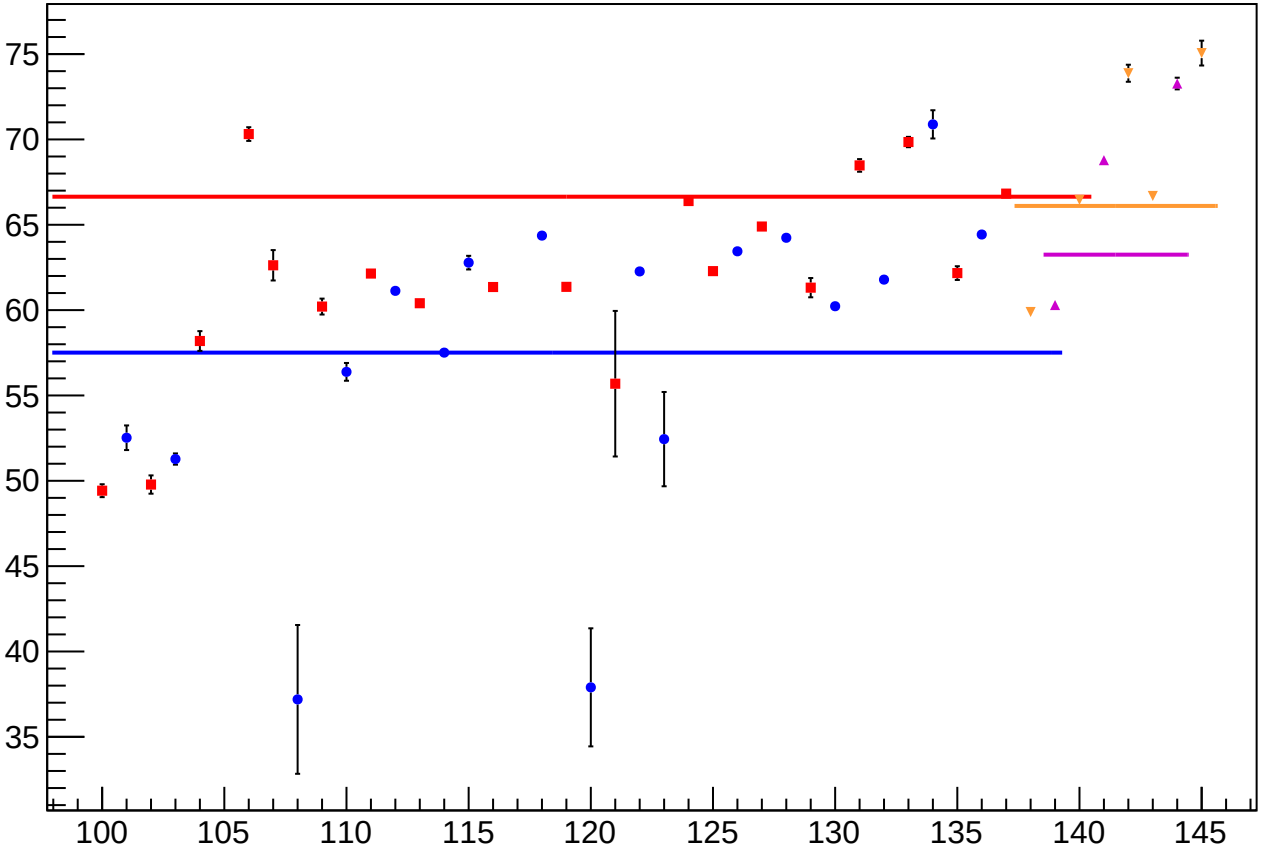
Left In: -11.480+/-0.007 χ^2/NDF:3066.4/2

+ sign -10.092+/-0.000 χ^2/NDF: 674243.8/21

All: -10.092+/-0.000 χ^2/NDF: 1233076.0/43

- sign -12.290+/-0.003 χ^2/NDF: 122590.2/21

dit_sam8_4aX_slope vs Slug



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 66.104+/-0.119 χ^2/NDF:871.6/4

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

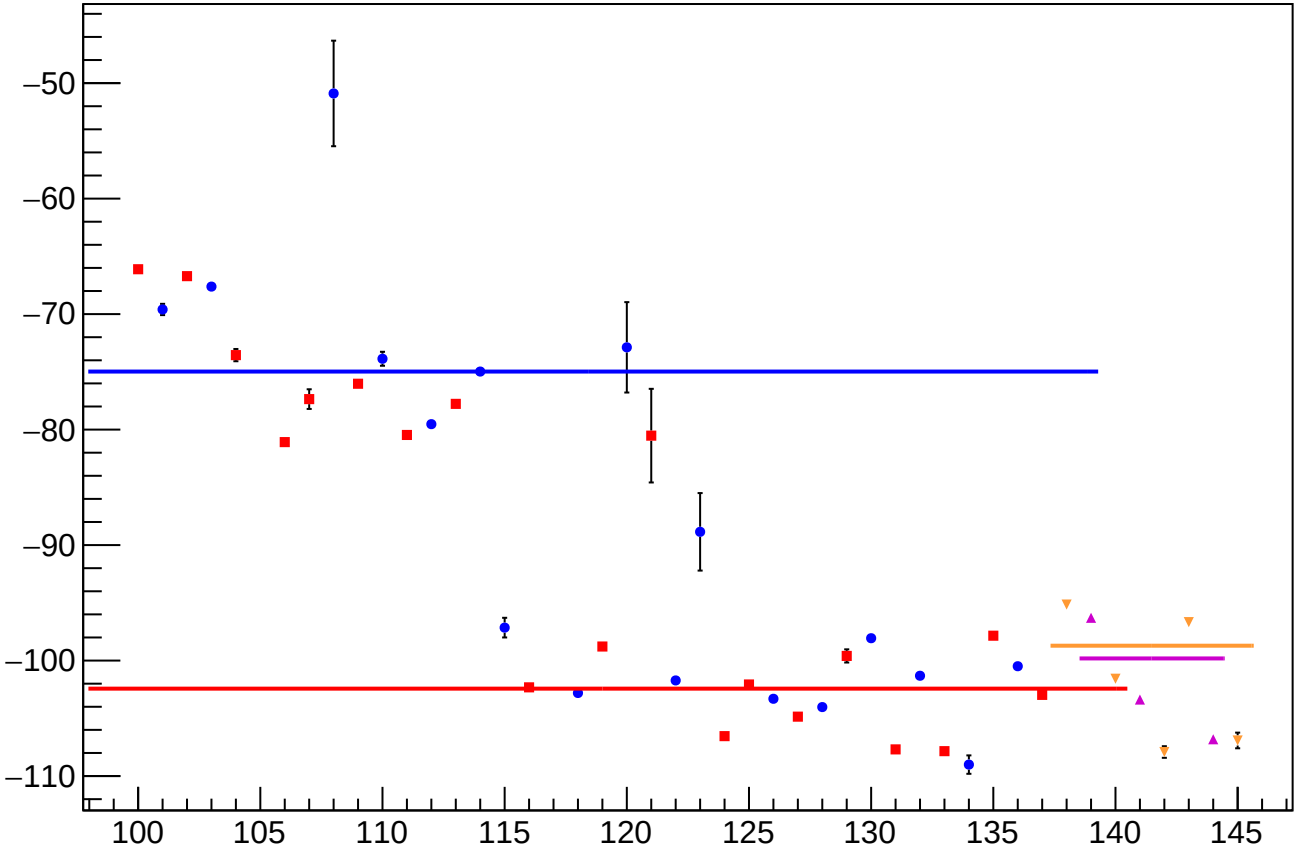
Left In: 63.249+/-0.098 χ^2/NDF:2184.9/2

+ sign 57.510+/-0.000 χ^2/NDF: 14183.8/21

All: 57.510+/-0.000 χ^2/NDF: 516103.3/43

- sign 66.586+/-0.013 χ^2/NDF: 11520.1/21

dit_sam8_4eX_slope vs Slug



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -98.712+/-0.119 χ^2/NDF:920.0/4

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

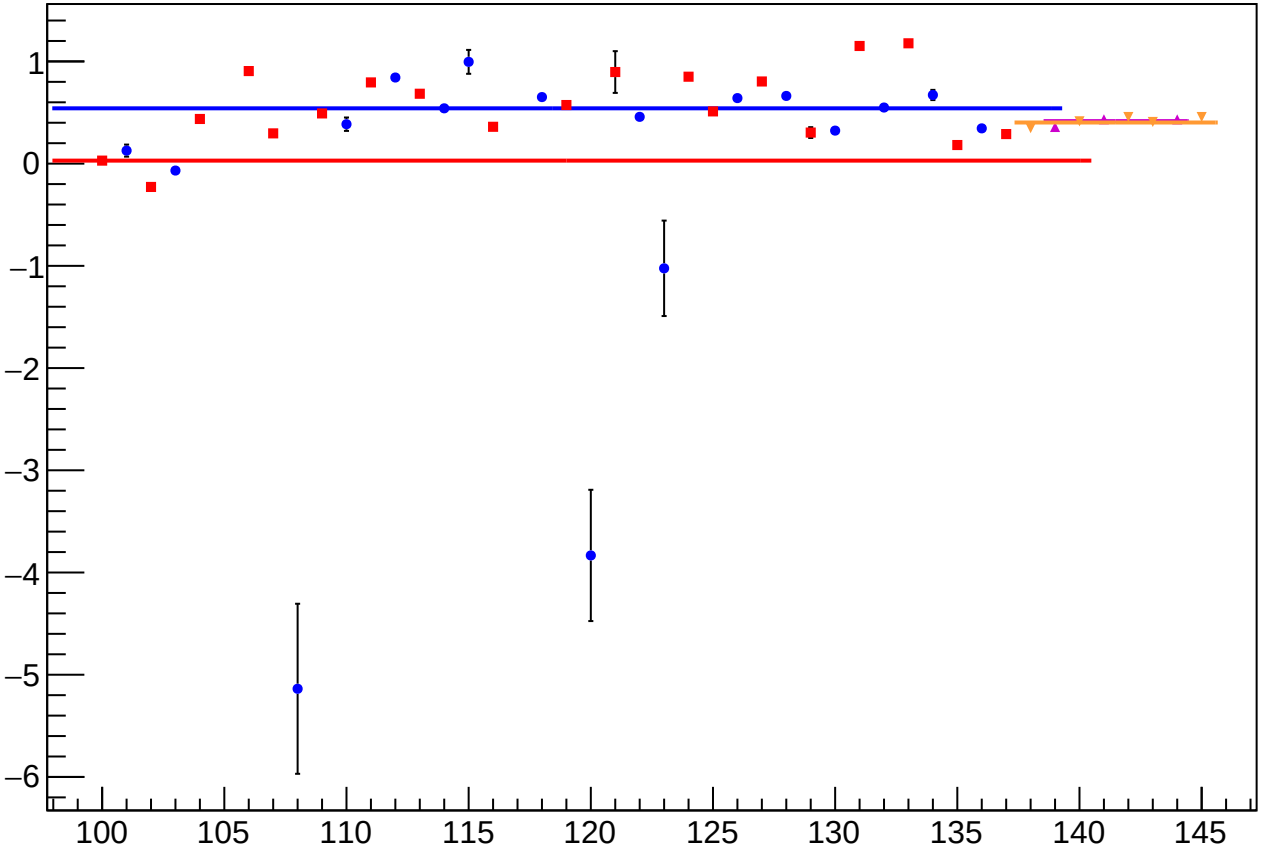
Left In: -99.815+/-0.116 χ^2/NDF:1253.5/2

+ sign -74.974+/-0.000 χ^2/NDF: 171028.6/21

All: -74.974+/-0.000 χ^2/NDF: 2644380.0/43

- sign -102.370+/-0.018 χ^2/NDF: 52130.3/21

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.402+/-0.001 χ^2/NDF:528.9/4

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

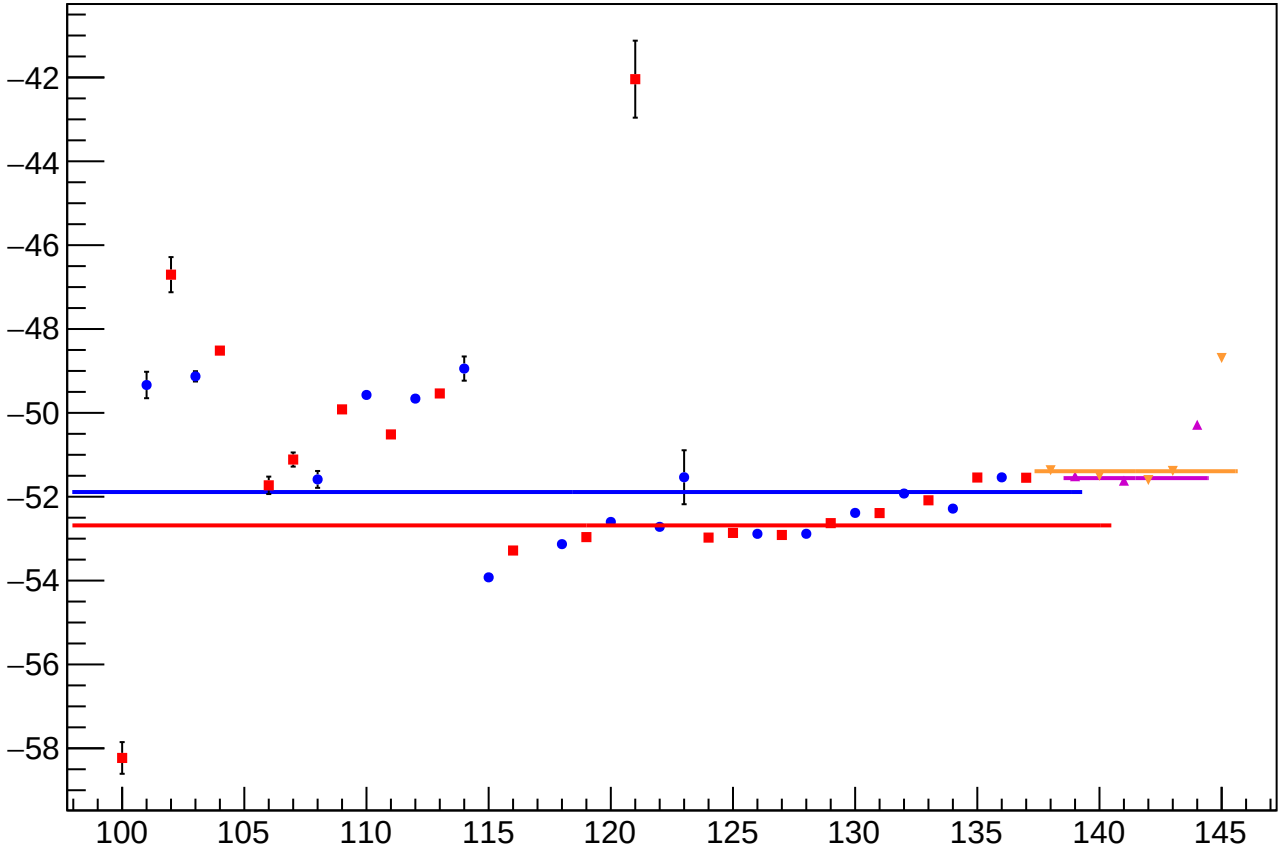
Left In: 0.416+/-0.001 χ^2/NDF:1037.2/2

+ sign 0.541+/-0.000 χ^2/NDF: 44585.4/21

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

- sign 0.030+/-0.000 χ^2/NDF: 276737.8/21

dit_sam8_4aY_slope vs Slug



Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -51.392+/-0.004 χ^2/NDF:5032.7/4

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

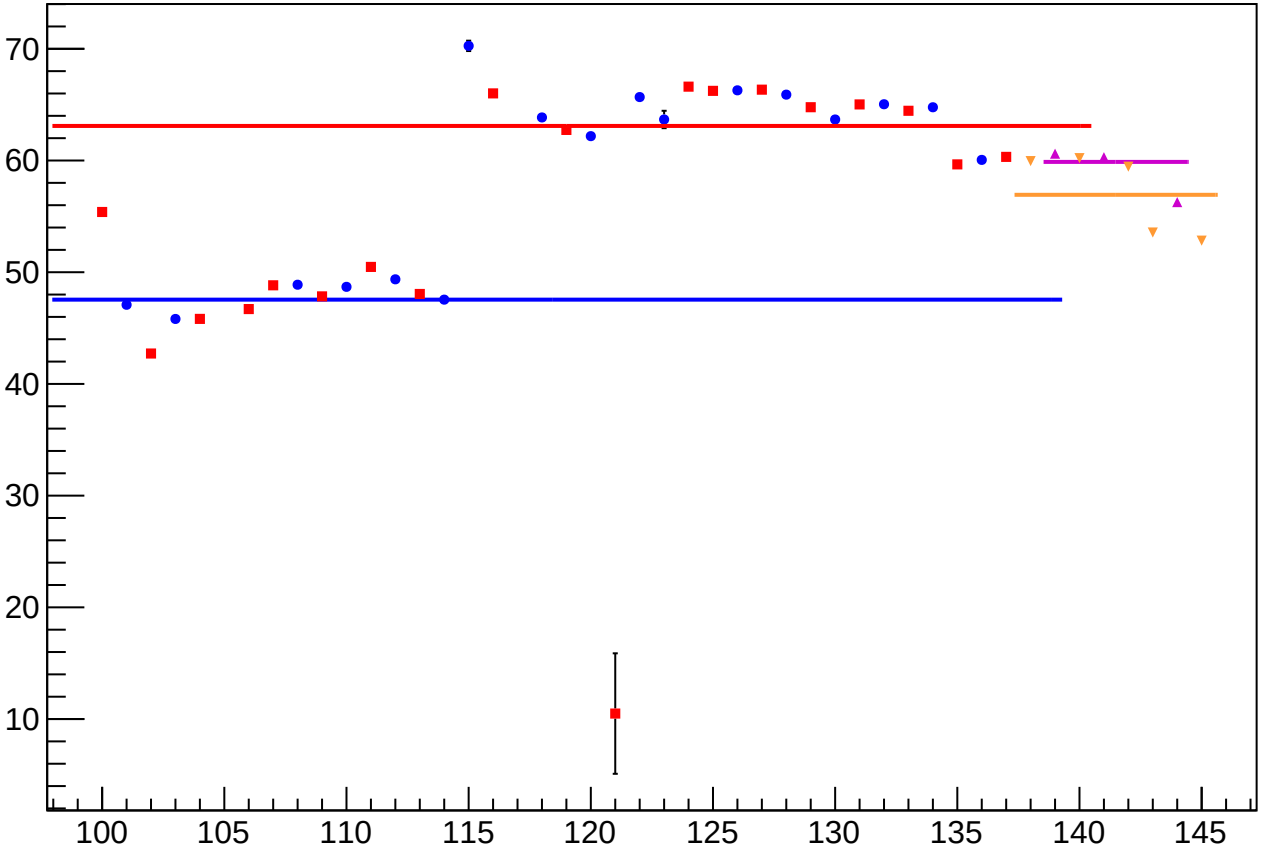
Left In: -51.556+/-0.004 χ^2/NDF:2664.3/2

+ sign -51.785+/-0.002 χ^2/NDF: 92945.7/21

All: -52.042+/-0.001 χ^2/NDF: 247275.9/43

- sign -52.340+/-0.002 χ^2/NDF: 117970.1/21

dit_sam8_4eY_slope vs Slug



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 56.930+/-0.008 χ^2/NDF:159877.9/4

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

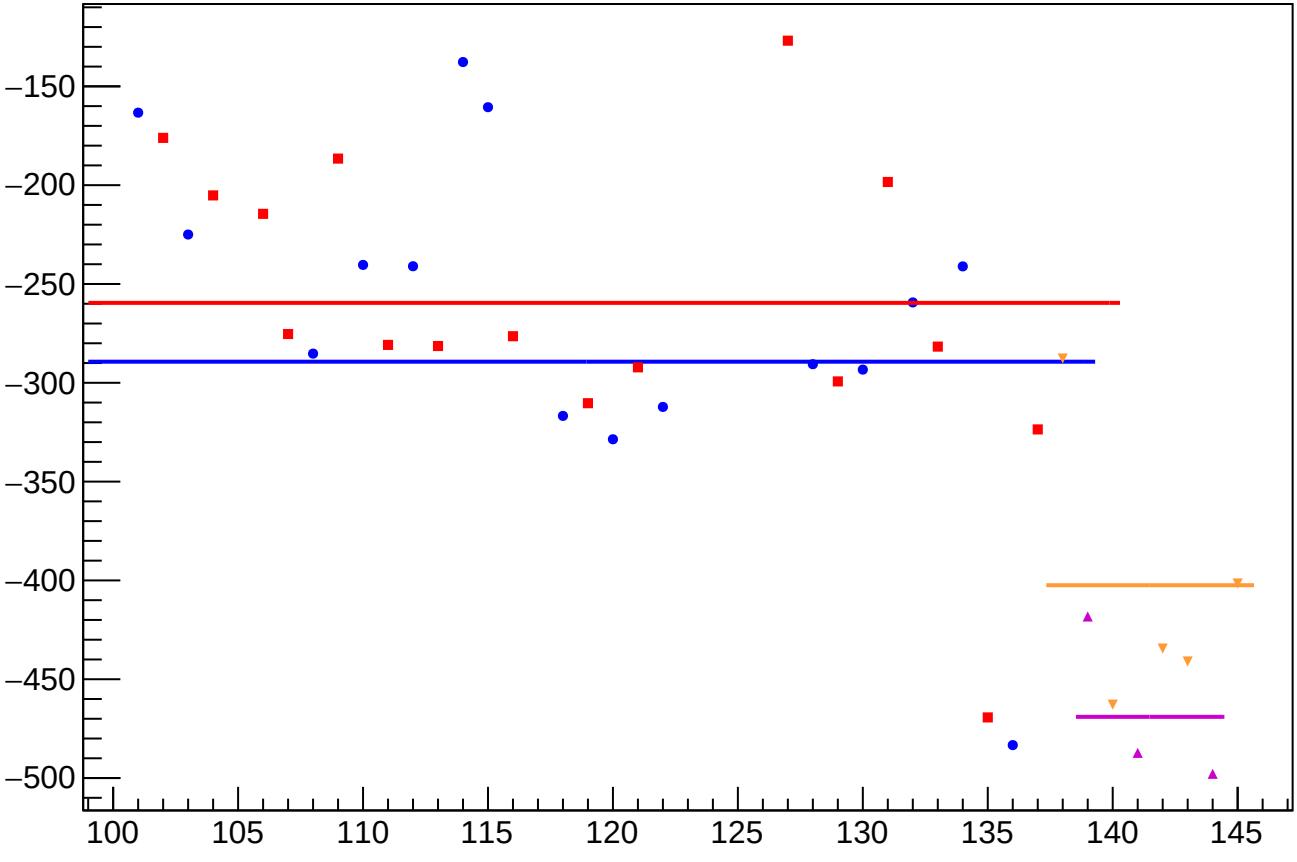
Left In: 59.876+/-0.022 χ^2/NDF:3655.0/2

+ sign 47.545+/-0.000 χ^2/NDF: 5019528.6/21

All: 47.545+/-0.000 χ^2/NDF: 10012413.7/43

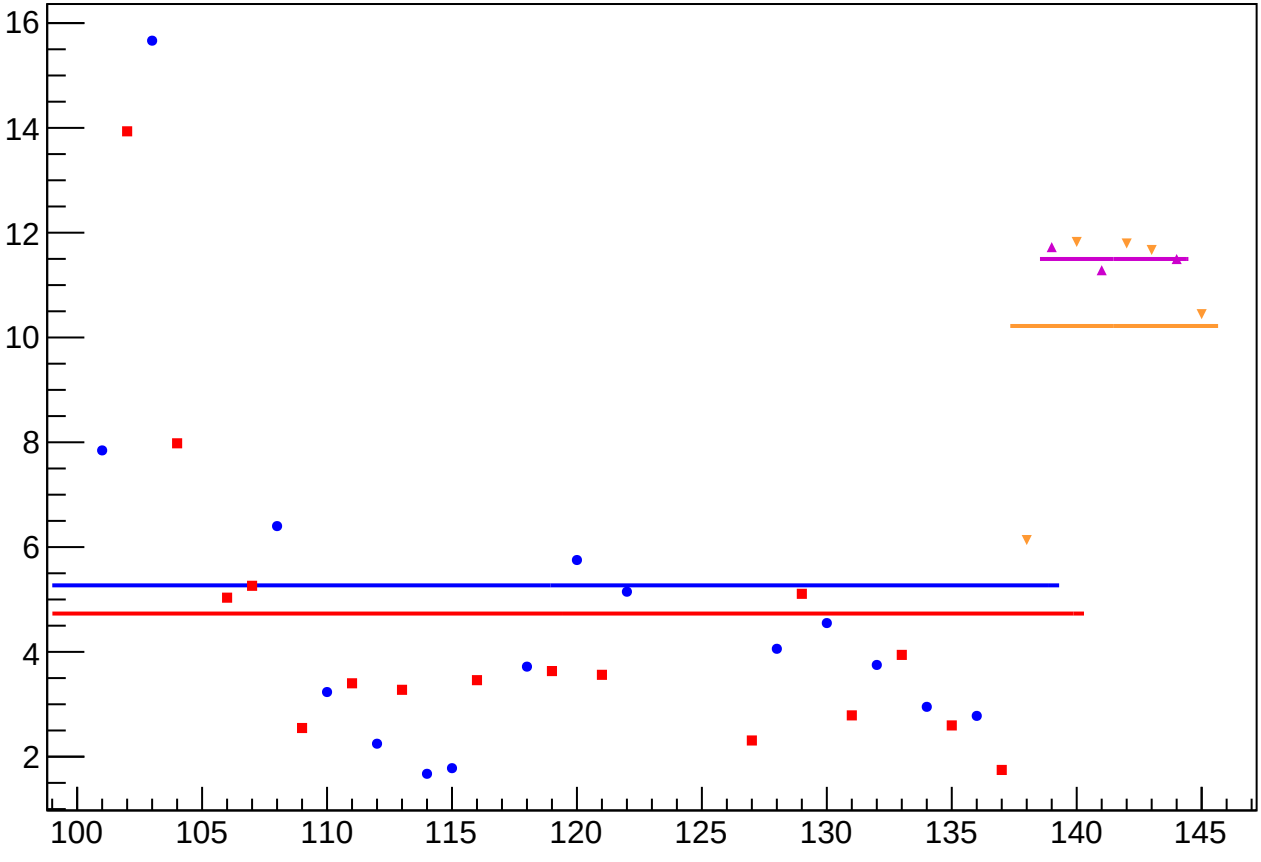
- sign 62.751+/-0.007 χ^2/NDF: 357133.2/21

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14
+ sign -329.021+/-0.000 χ^2/NDF: 97566227876587
Left Out: -402.425+/-0.000 χ^2/NDF:1472896489624907616817700998809124864.0/4
All: -323.490+/-0.000 χ^2/NDF: 2252552381
Right Out: -259.558+/-0.000 χ^2/NDF: 4299886792692123970784563983770714112.0/15
- sign -317.491+/-0.000 χ^2/NDF: 12705125402527 6
Left In: -469.027+/-0.000 χ^2/NDF:3110149490938360370415679166008524 80.0/2

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF: 870968329212379833055090679008460 8.0/14

+ sign 7.007+/-0.000 χ^2/NDF: 16062669755212607

Left Out: 10.219+/-0.000 χ^2/NDF:17716974910597277307157273609502 72.0/4

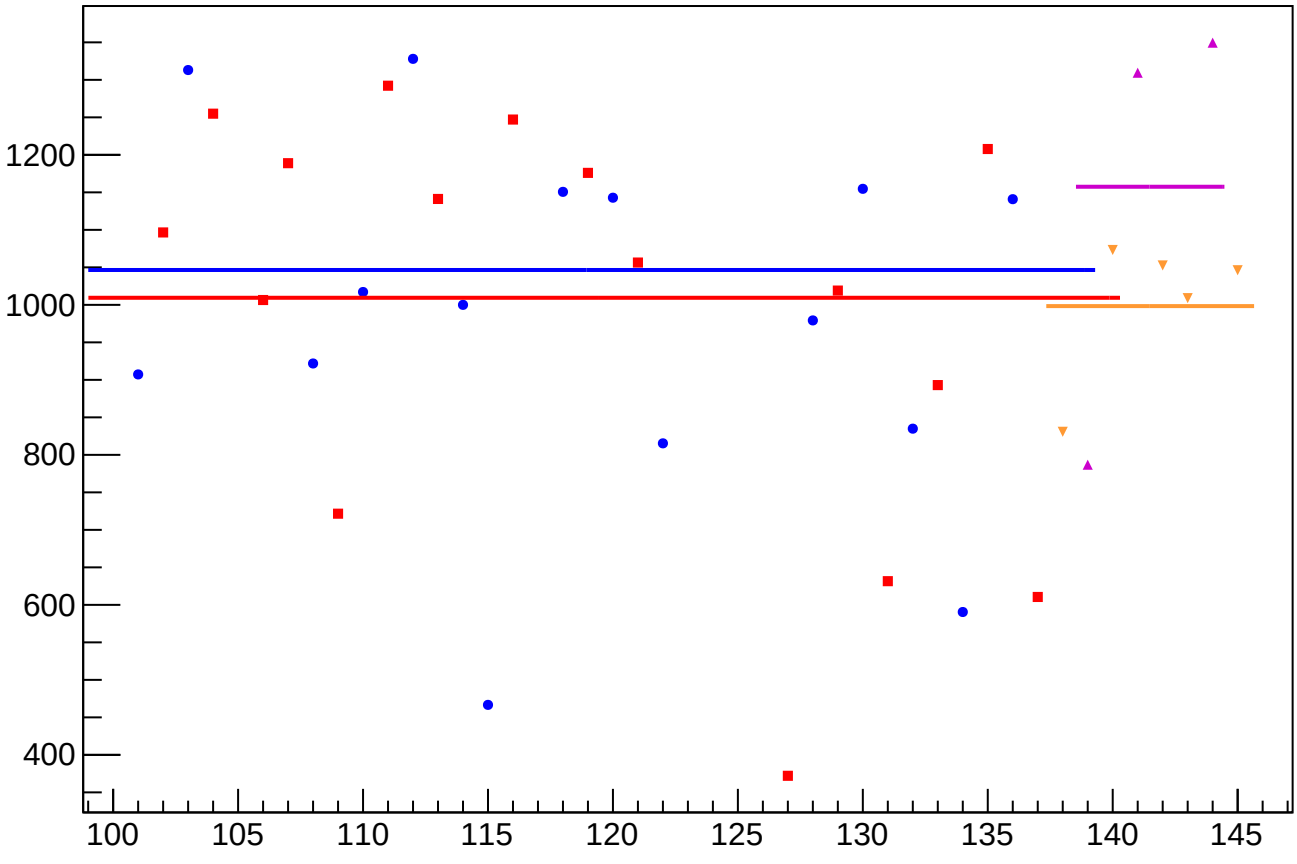
All: 6.813+/-0.000 χ^2/NDF: 3145275804620 2

Right Out: 4.732+/-0.000 χ^2/NDF: 685689307257521156280228142645248 0.0/15

- sign 6.603+/-0.000 χ^2/NDF: 15311812568122080

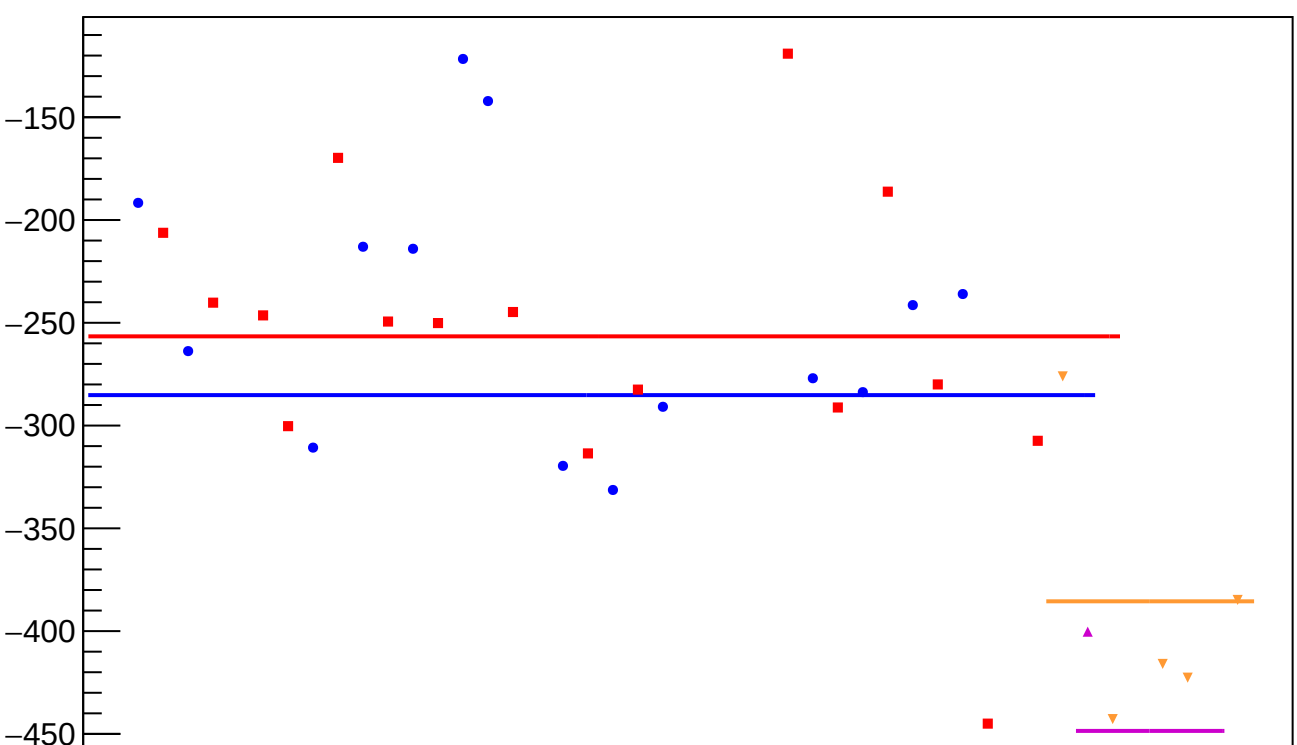
Left In: 11.498+/-0.000 χ^2/NDF:806257573832196916727528606924 8.0/2

dit_4aX_coil1_Ndata_mean vs Slug



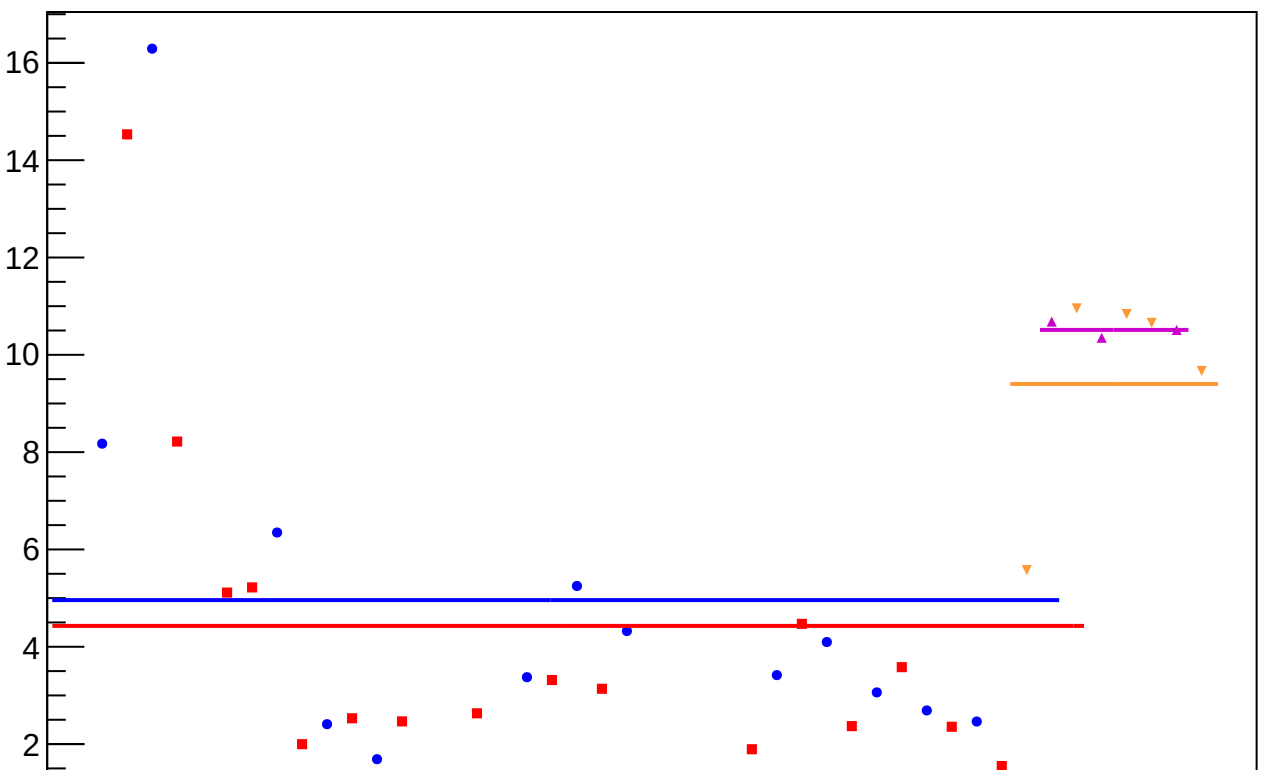
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF: 4479585262853549838092521921291747328.0/14
+ sign -320.397+/-0.000 χ^2/NDF: 81103006748275
Left Out: -385.502+/-0.000 χ^2/NDF:1338345584359616727053661173941534720.0/4
All: -315.260+/-0.000 χ^2/NDF: 1889118909
Right Out: -256.599+/-0.000 χ^2/NDF: 3648271535971039165952602563191767040.0/15
- sign -309.687+/-0.000 χ^2/NDF: 107258615148138
Left In: -448.548+/-0.000 χ^2/NDF:2807303748216865574251007767121756 16.0/2

dit_4eX_coil1_err_mean vs Slug



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

+ sign 6.518+/-0.000 χ^2/NDF: 16506065370631633

Left Out: 9.401+/-0.000 χ^2/NDF:1545325034090780689716426630496256.0/4

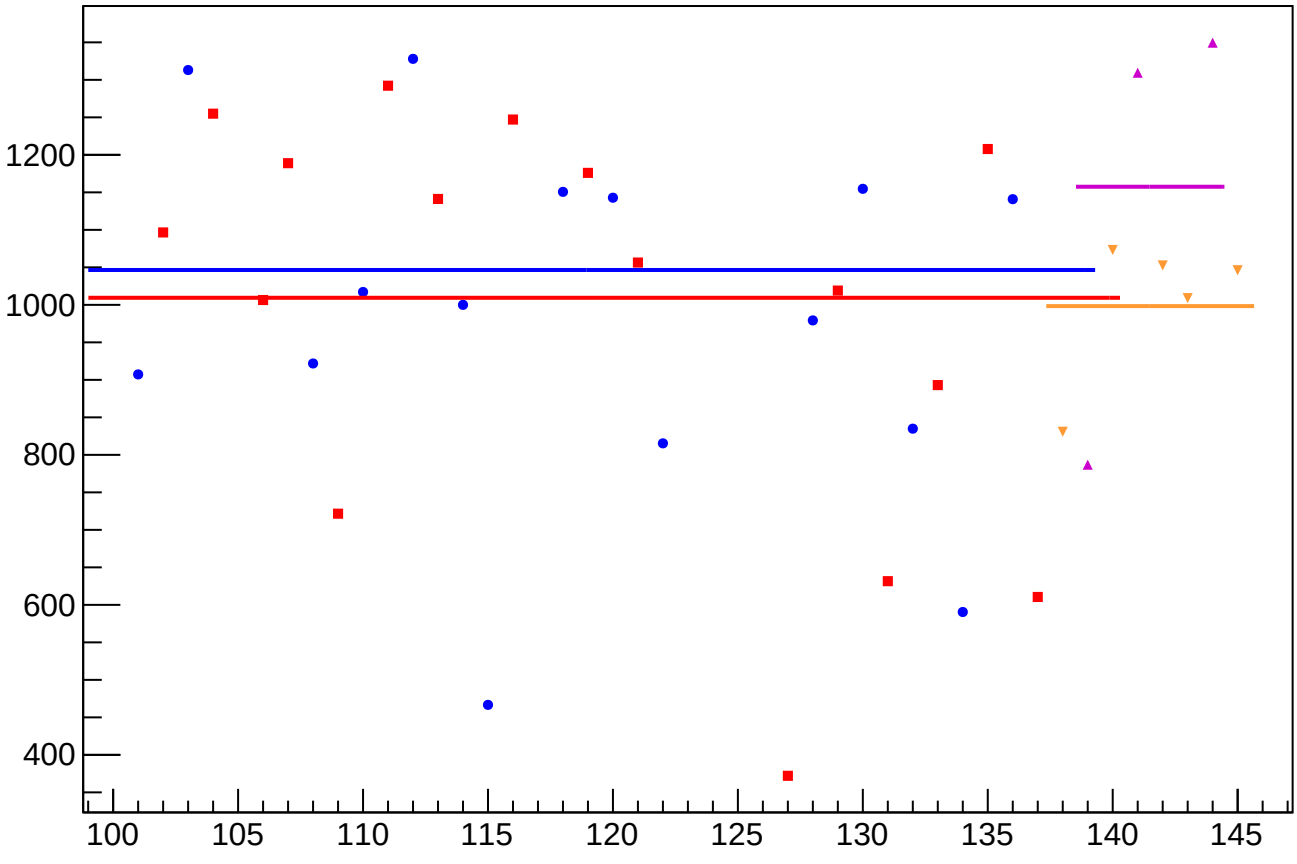
All: 6.323+/-0.000 χ^2/NDF: 3178777163482 9

Right Out: 4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

- sign 6.111+/-0.000 χ^2/NDF: 15202320956308744

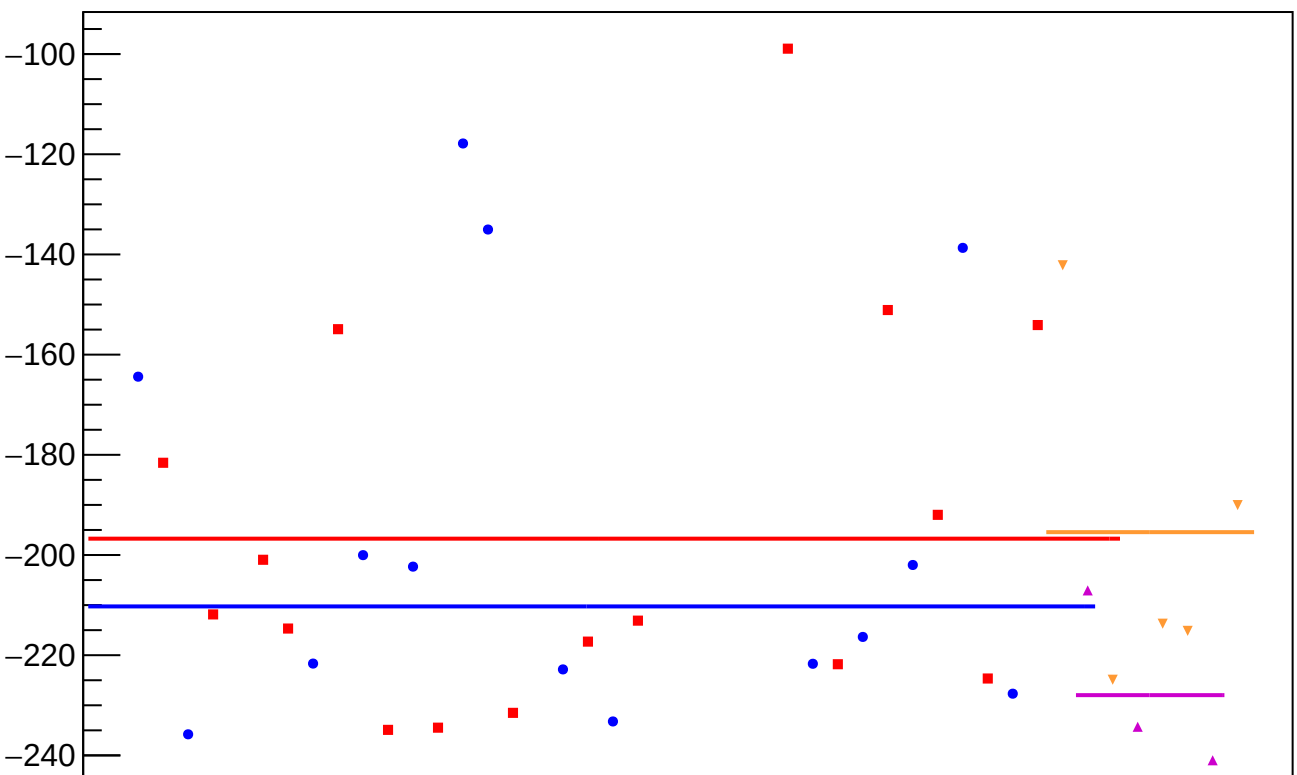
Left In: 10.512+/-0.000 χ^2/NDF:4588911592216588979422911004672.0/2

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF: 567711076568068409192467700494893056.0/14

+ sign -205.058+/-0.000 χ^2/NDF: 95398311942773

Left Out: -195.436+/-0.000 χ^2/NDF:336201470551607320822973390336819200.0/4

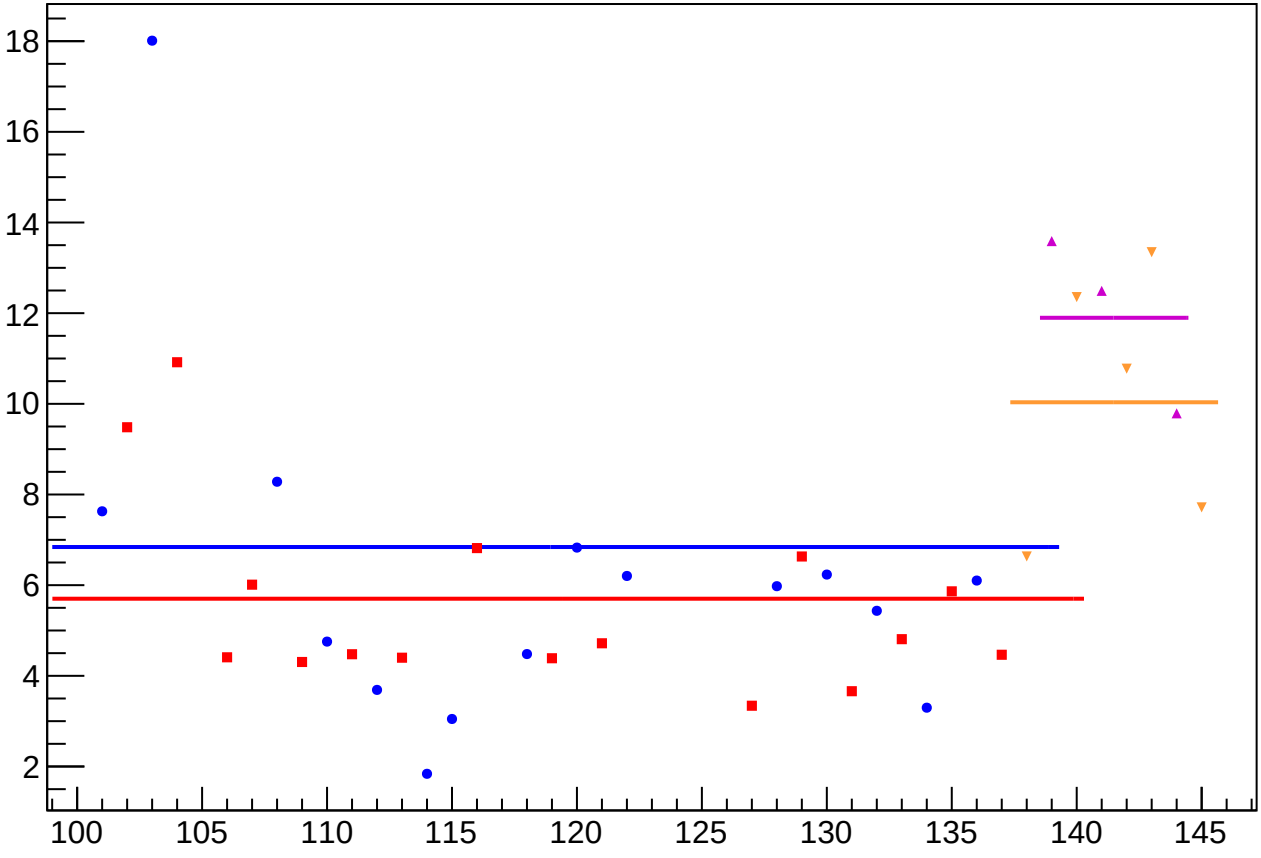
All: -205.210+/-0.000 χ^2/NDF: 2097459281

Right Out: -196.736+/-0.000 χ^2/NDF: 909588895093044840633640514790359040.0/15

- sign -205.376+/-0.000 χ^2/NDF: 114342766869703

Left In: -227.973+/-0.000 χ^2/NDF:538452946764225544128120011882496 00.0/2

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000 χ^2/NDF: 9355934166823324467316647620771840.0/14

+ sign 7.962+/-0.000 χ^2/NDF: 1420084673033739

Left Out: 10.034+/-0.000 χ^2/NDF:2522534713413026935626039495229440.0/4

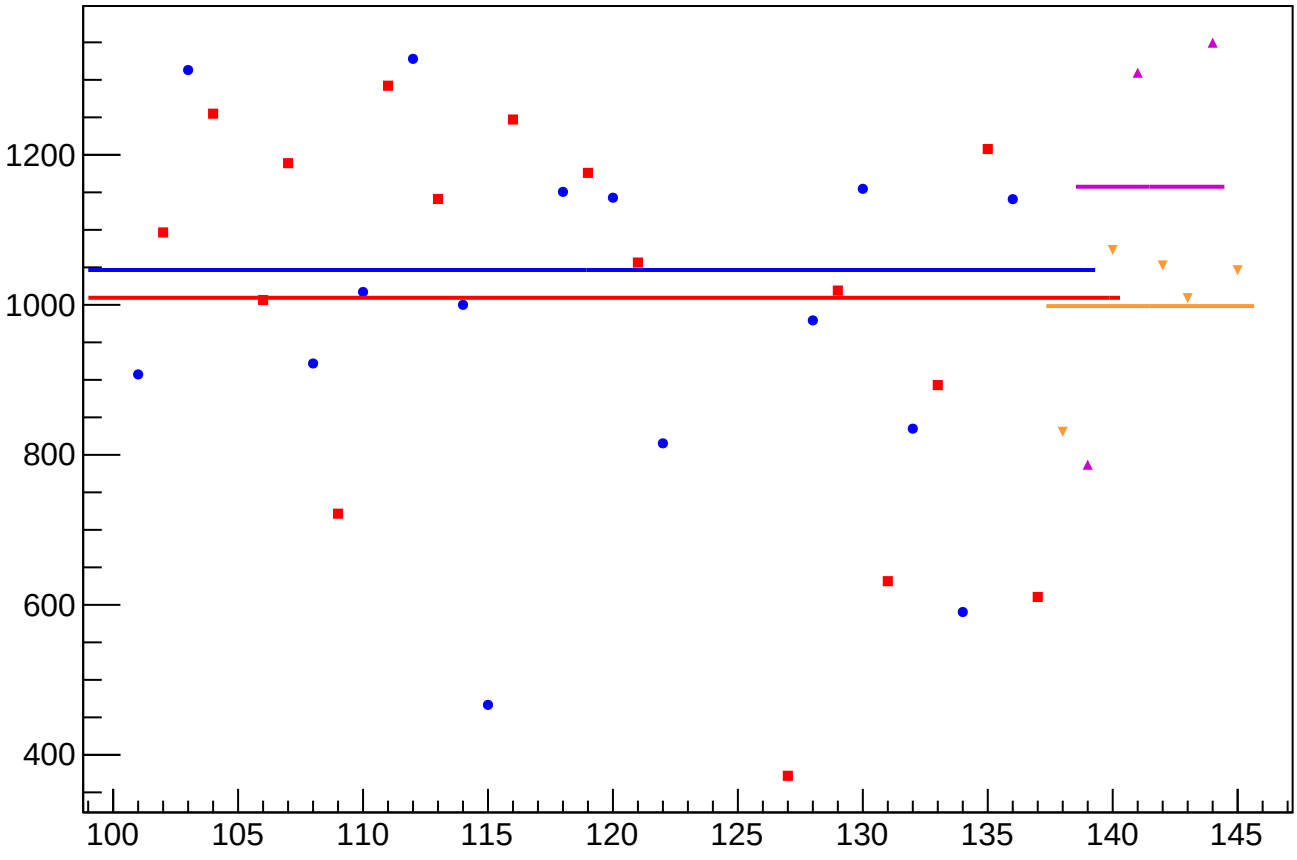
All: 7.700+/-0.000 χ^2/NDF: 2526089148140

Right Out: 5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15

- sign 7.415+/-0.000 χ^2/NDF: 10916424692337299

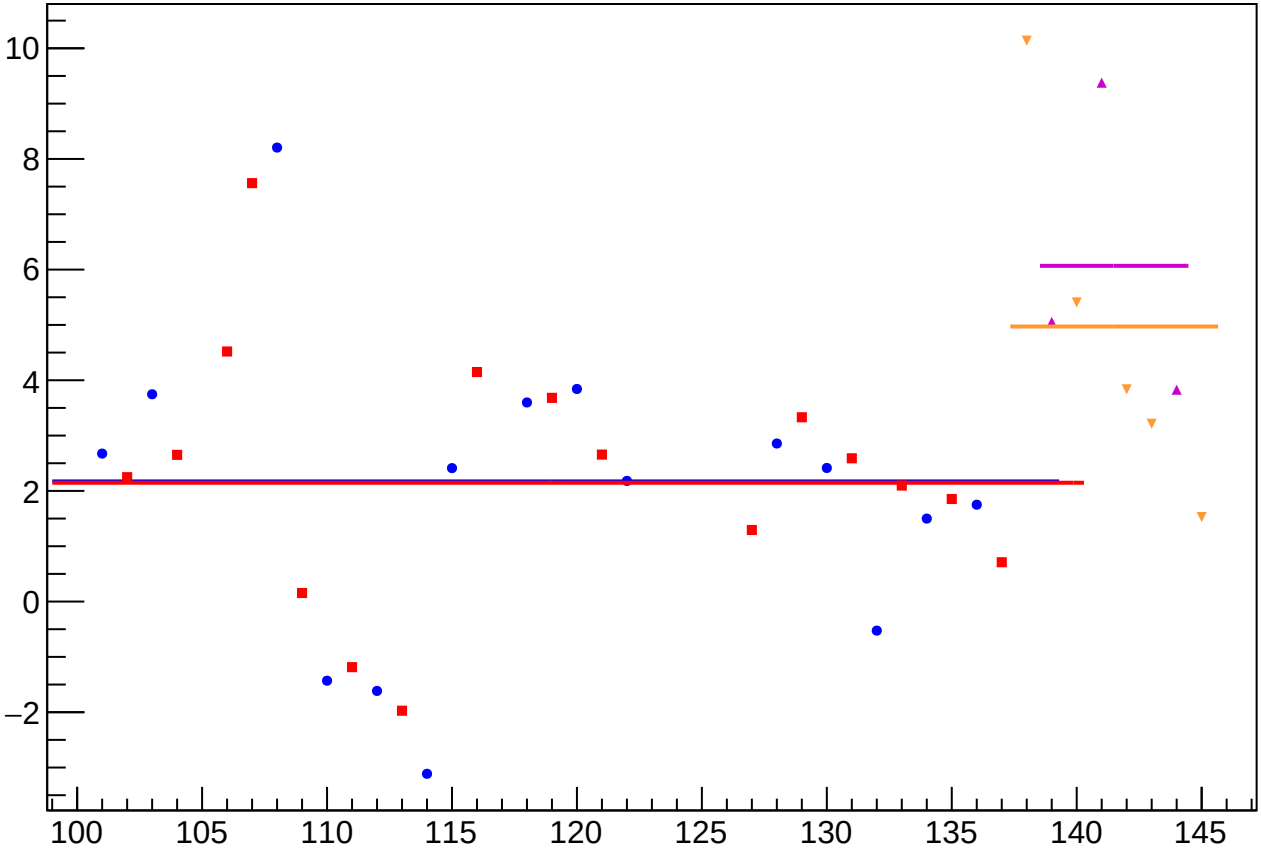
Left In: 11.898+/-0.000 χ^2/NDF:6571145986840967827242492394209 28.0/2

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 65018470900256
Left In: 1157.482+/-0.000 χ^2/NDF:16372944648248449566393953973532884992.0/2

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

+ sign 3.154+/-0.000 χ^2/NDF: 8674790613077239 2

Left Out: 4.971+/-0.000 χ^2/NDF:32888532987153394954402148185538 56.0/4

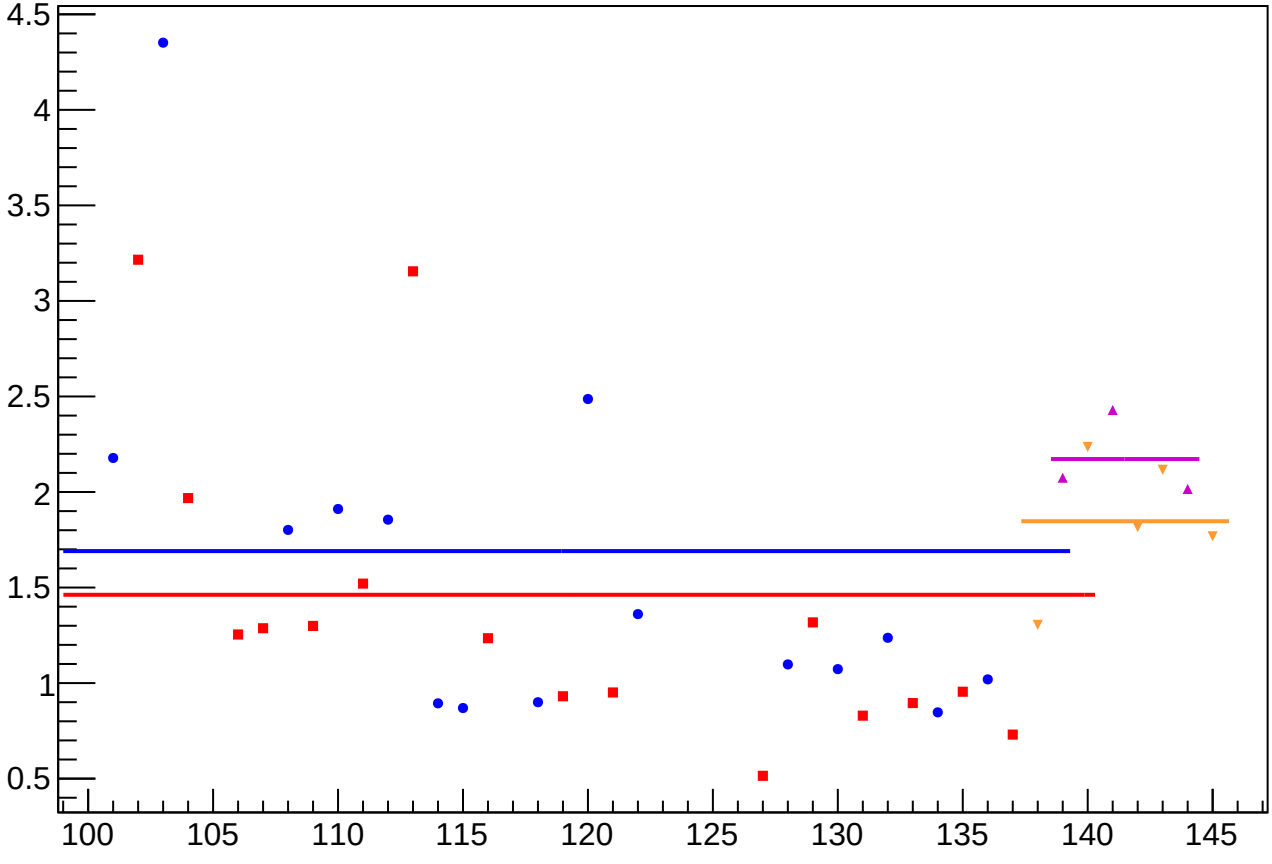
All: 3.191+/-0.000 χ^2/NDF: 1606779160106 5

Right Out: 2.148+/-0.000 χ^2/NDF: 30938873362393789596063219318784 00.0/15

- sign 3.232+/-0.000 χ^2/NDF: 7390106257877433 6

Left In: 6.068+/-0.000 χ^2/NDF:14608194999122624710145358042234 88.0/2

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000 χ^2/NDF: 61216339331760985967407941235507 2.0/14

Left Out: 1.847+/-0.000 χ^2/NDF:407347621754199785028373163540 48.0/4

Right Out: 1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

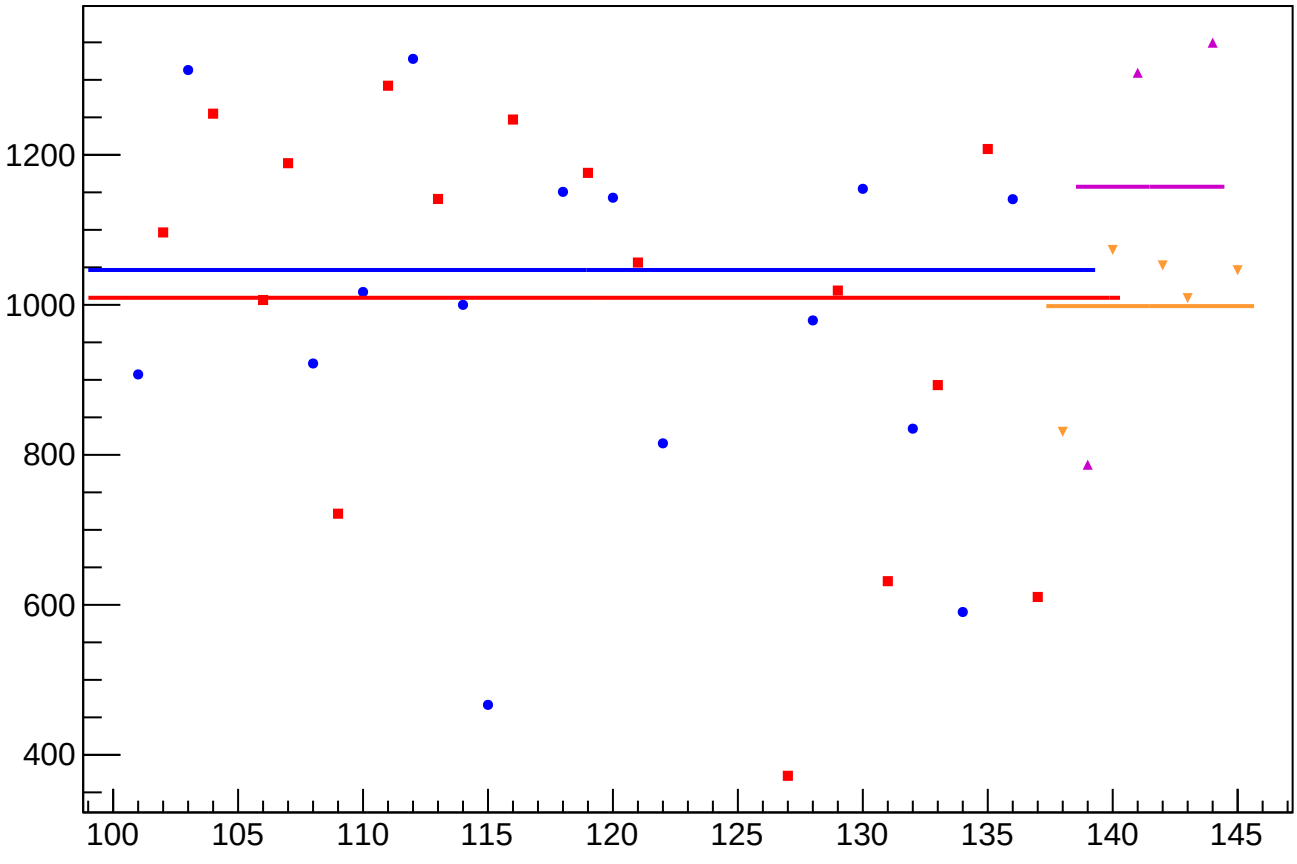
Left In: 2.172+/-0.000 χ^2/NDF:855295387658557056200167181516 8.0/2

+ sign 1.746+/-0.000 χ^2/NDF: 6584653106379318 8

All: 1.704+/-0.000 χ^2/NDF: 1208131782089 6

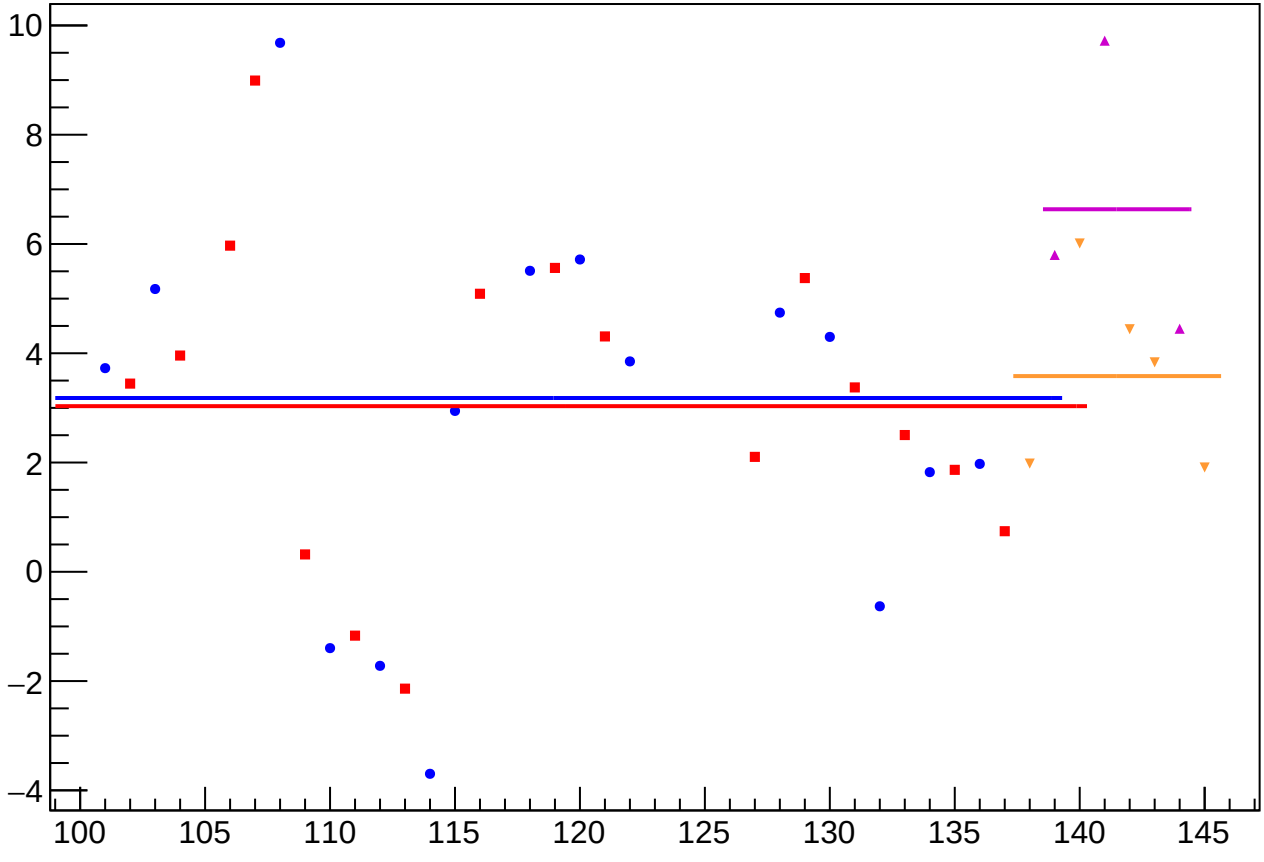
- sign 1.659+/-0.000 χ^2/NDF: 5460304627982770 8

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left Out: 998.342+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

+ sign 3.322+/-0.000 χ^2/NDF: 6809442750320473 9

Left Out: 3.582+/-0.000 χ^2/NDF:939518926616189359602129078059008.0/4

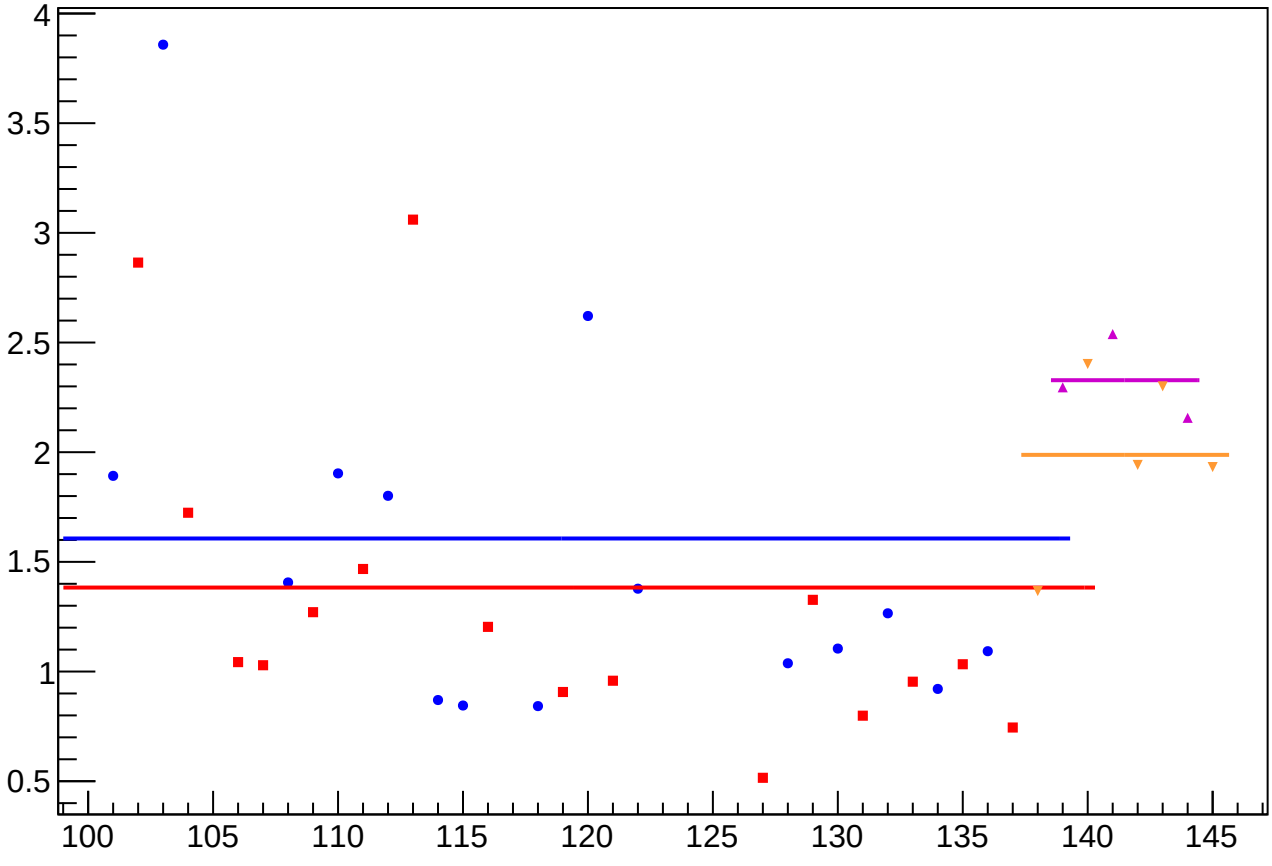
All: 3.661+/-0.000 χ^2/NDF: 1567361460233 4

Right Out: 3.032+/-0.000 χ^2/NDF: 4937209831371793945496546833334272.0/15

- sign 4.029+/-0.000 χ^2/NDF: 8624645775322944 0

Left In: 6.636+/-0.000 χ^2/NDF:1291385332726535360555501022609408.0/2

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

Left Out: 1.988+/-0.000 χ^2/NDF:5103035113783829457500592773529 6.0/4

Right Out: 1.383+/-0.000 χ^2/NDF: 3583488970162862009576503377920 00.0/15

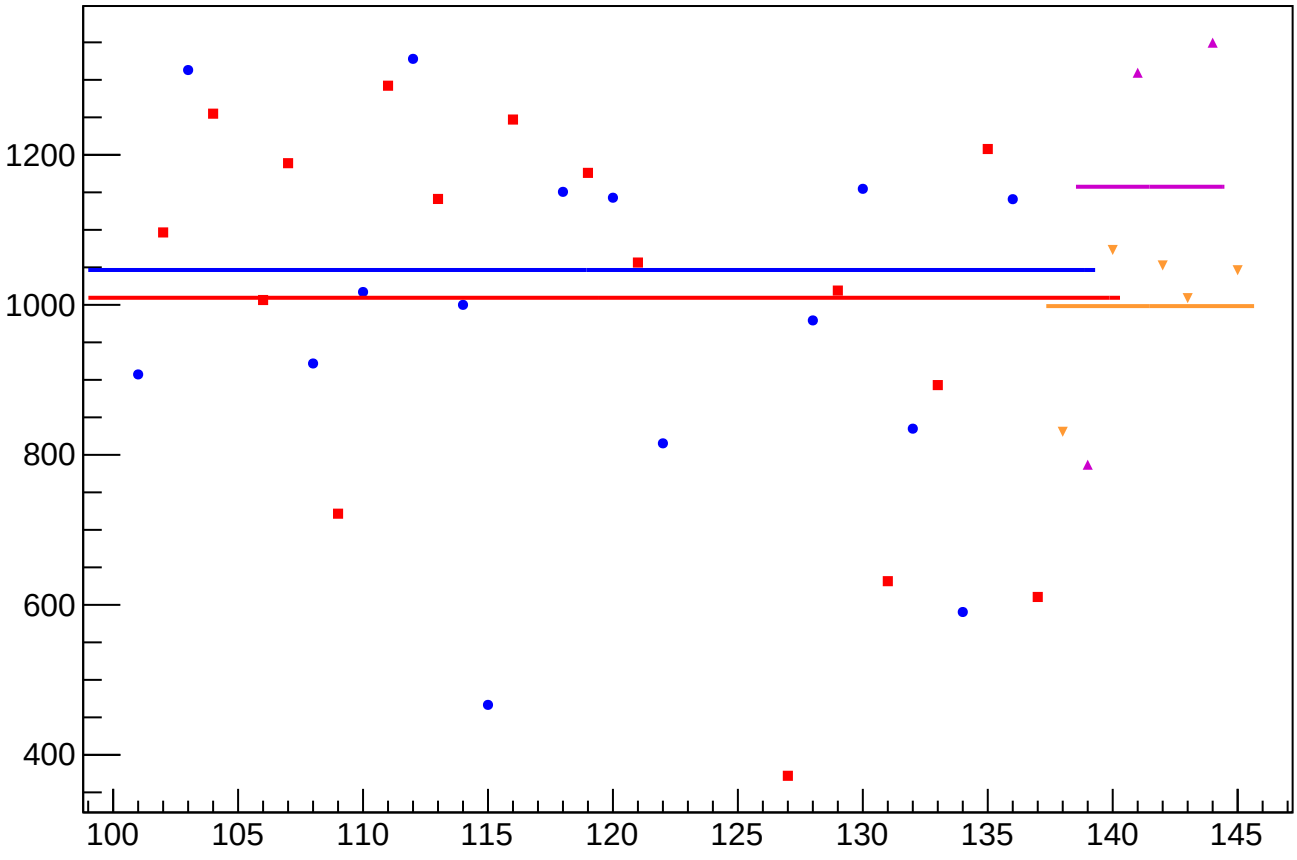
Left In: 2.328+/-0.000 χ^2/NDF:6461914311520642499750393806848.0/2

+ sign 1.740+/-0.000 χ^2/NDF: 5450890734511540 8

All: 1.694+/-0.000 χ^2/NDF: 1079178729526 5

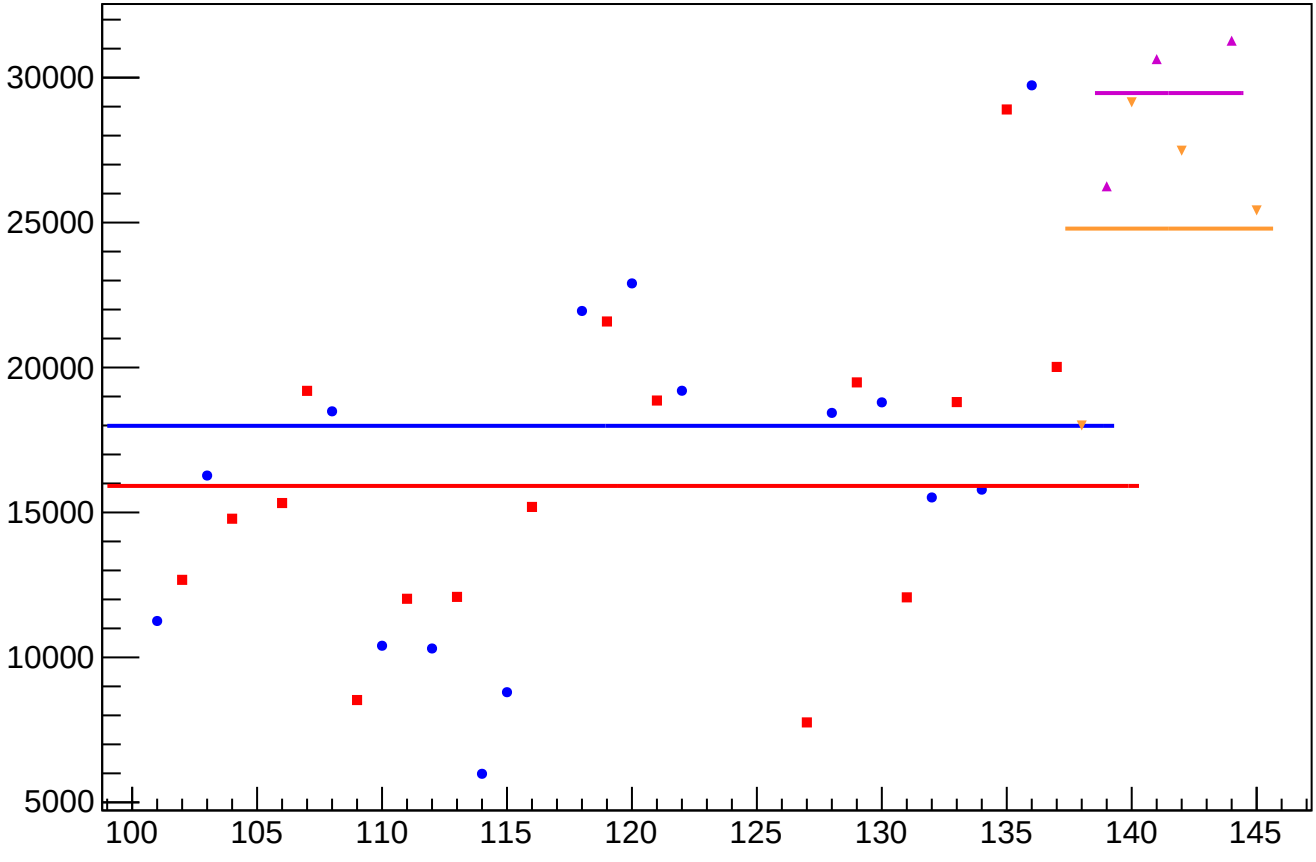
- sign 1.644+/-0.000 χ^2/NDF: 5296623300403234 0

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

Left Out: 24791.980+/-0.000 χ^2/NDF:5516469282787667439962179332648640446464.0/3

Right Out: 15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15

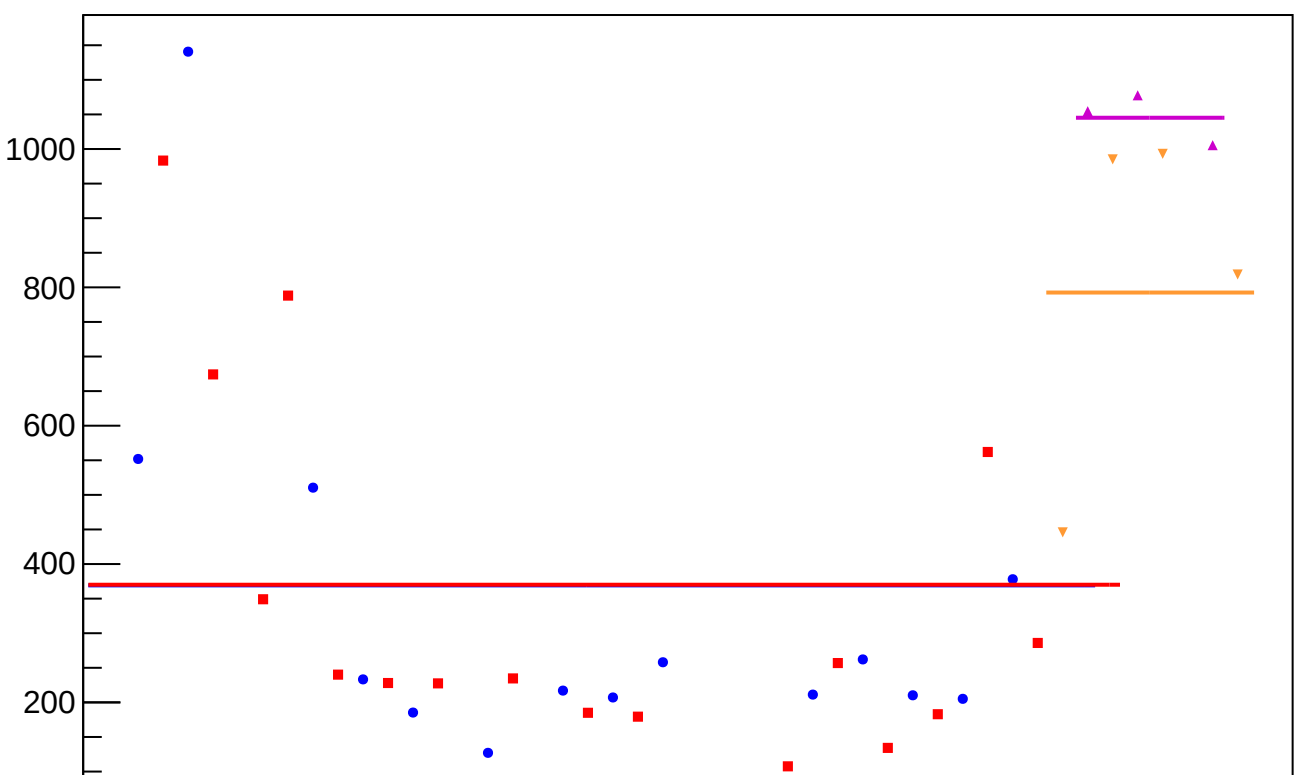
Left In: 29467.381+/-0.000 χ^2/NDF:1245023516567454816593882745054712299520.0/2

+ sign 20059.222+/-0.000 χ^2/NDF: 3947658427247

All: 19862.476+/-0.000 χ^2/NDF: 9462911070

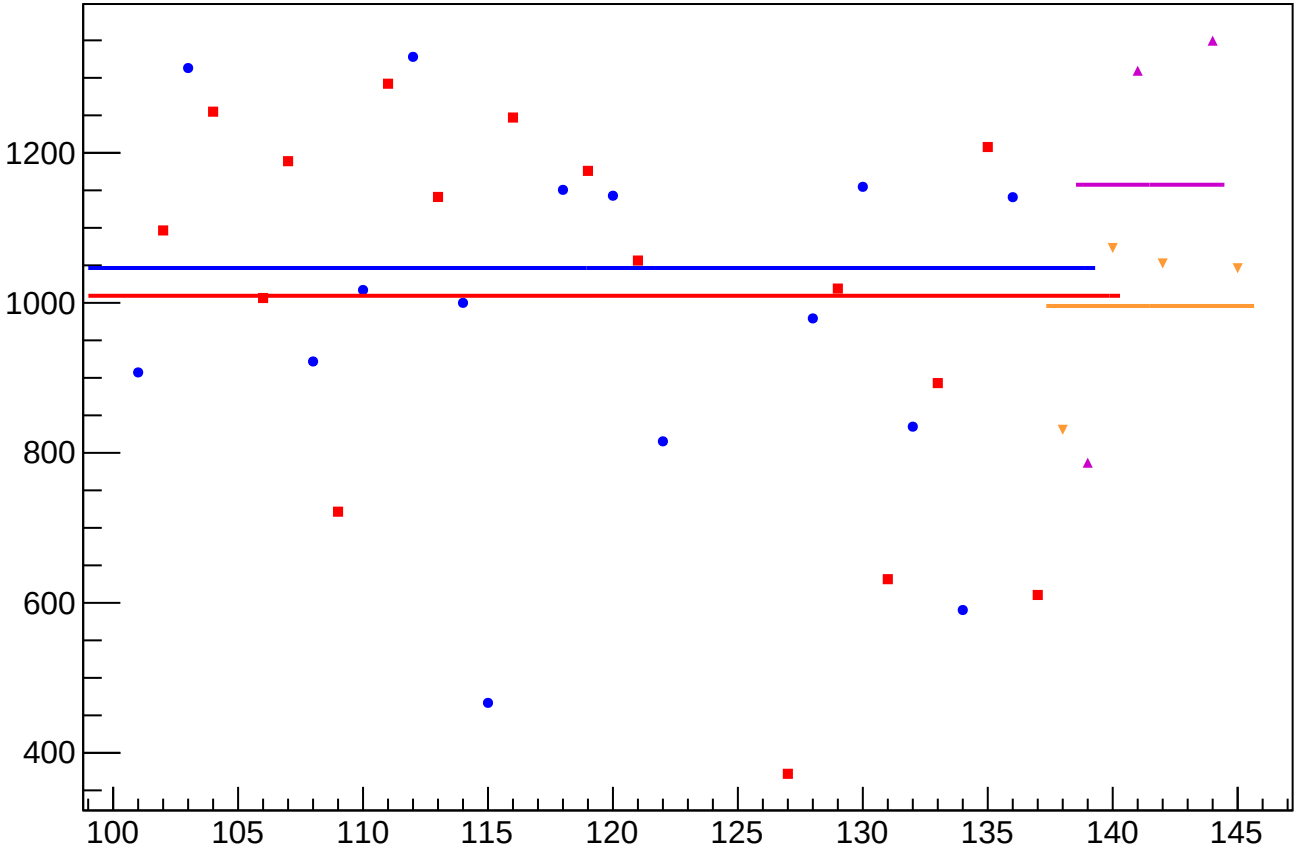
- sign 19663.383+/-0.000 χ^2/NDF: 5507986450181

dit_usl_coil1_err_mean vs Slug



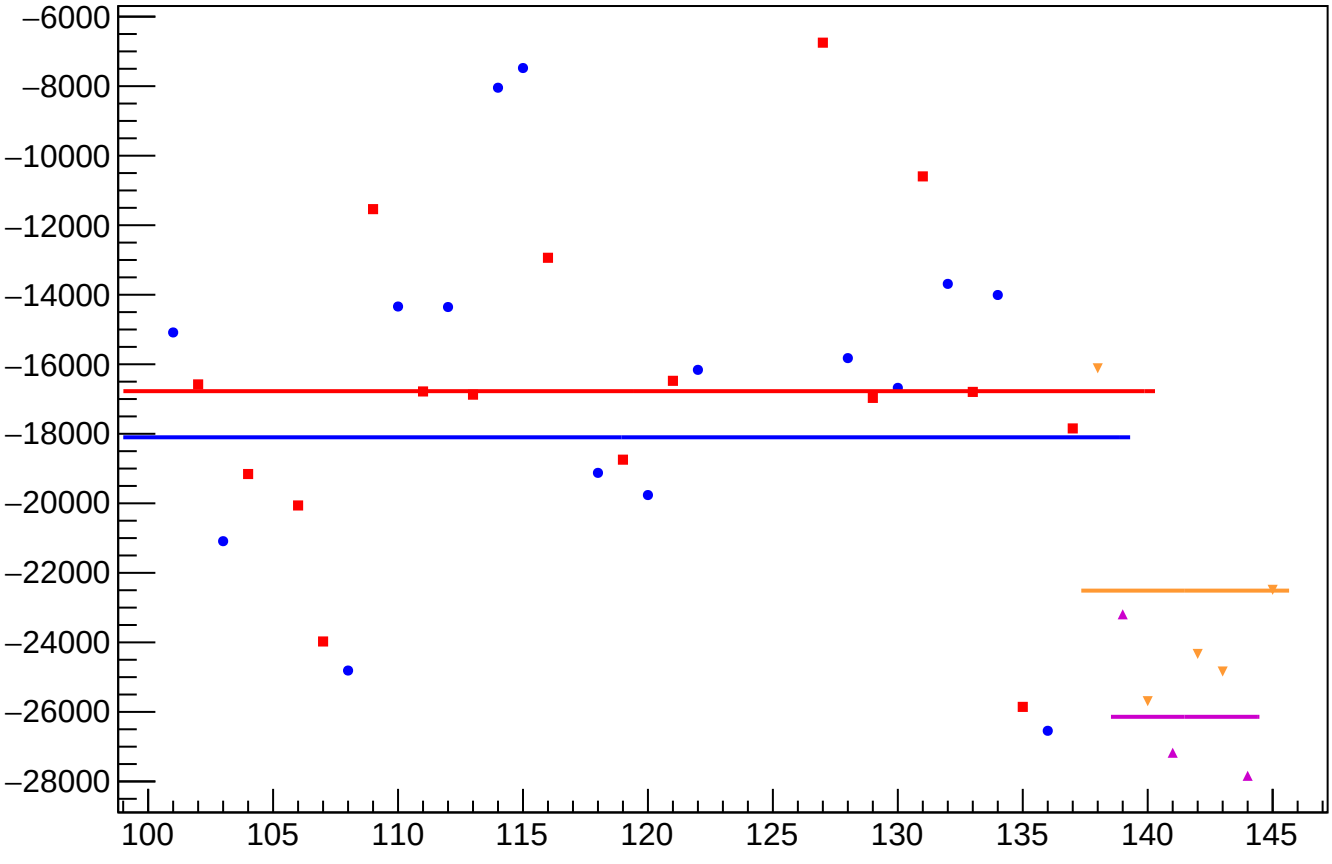
Right In: 369.169+/-0.000 χ^2/NDF: 4805303678956548599419583334137095782 4.0/14
+ sign 498.033+/-0.000 χ^2/NDF: 97776674138383 6
Left Out: 792.516+/-0.000 χ^2/NDF:1431775532440308011573369991479479500 8.0/3
All: 527.245+/-0.000 χ^2/NDF: 2319046353 47
Right Out: 370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15
- sign 556.805+/-0.000 χ^2/NDF: 13252619046009 8
Left In: 1045.188+/-0.000 χ^2/NDF:2366225595491399349020120021498593 28.0/2

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1031.072+/-0.000 χ^2/NDF: 2833467585568 3
Left Out: 995.838+/-0.000 χ^2/NDF:2961207635191860954045042971247640576.0/3
All: 1040.673+/-0.000 χ^2/NDF: 9352617794 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF: 146349675461735869676320407654286994964 48.0/14

+ sign -19648.676+/-0.000 χ^2/NDF: 236006429010

Left Out: -22511.003+/-0.000 χ^2/NDF:453468227324081757630585841782233025740 8.0/4

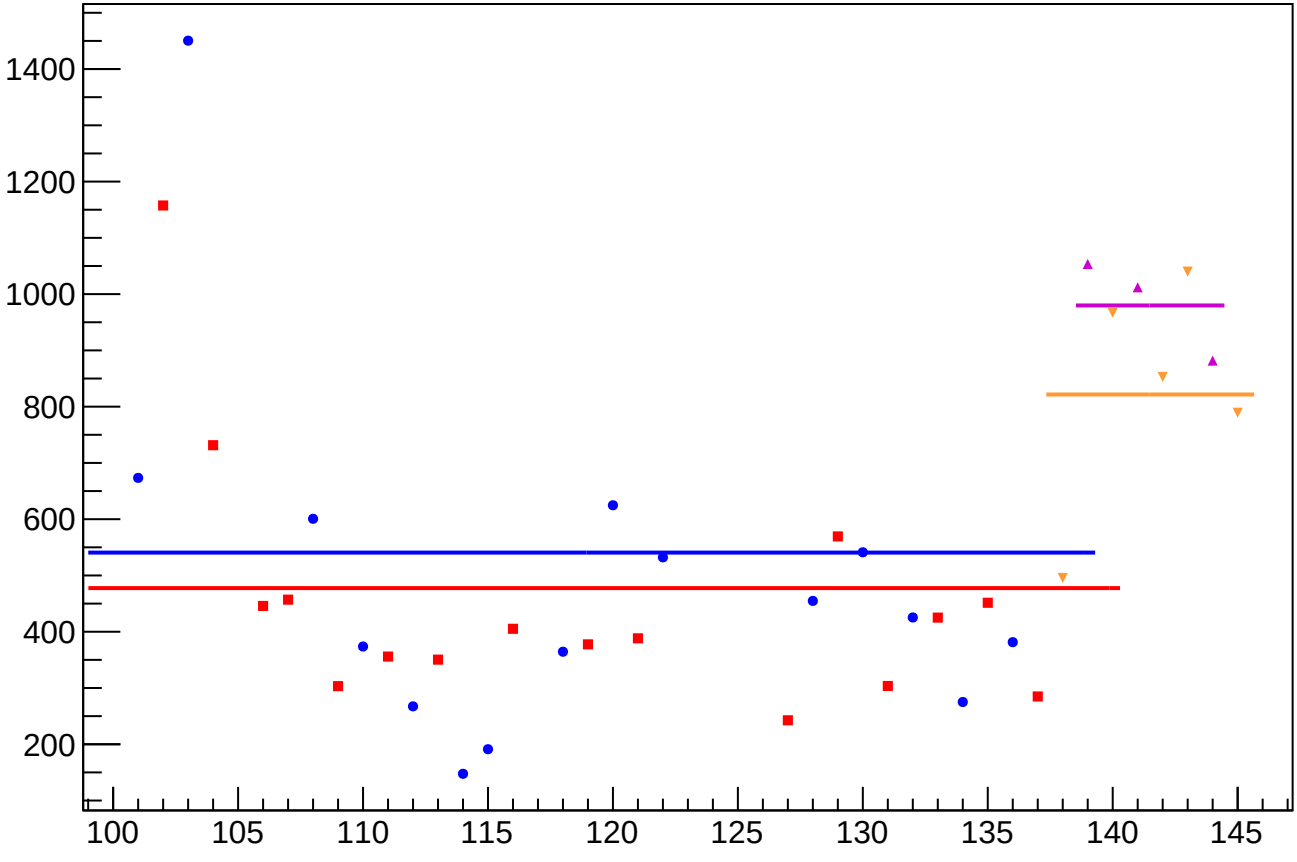
All: -19512.297+/-0.000 χ^2/NDF: 551126710

Right Out: -16773.604+/-0.000 χ^2/NDF: 142345479311358122774743428865683661783 04.0/15

- sign -19364.381+/-0.000 χ^2/NDF: 314732565975 9

Left In: -26141.042+/-0.000 χ^2/NDF:105132168175042346712988989860319802163 2.0/2

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

Left Out: 821.636+/-0.000 χ^2/NDF:1334308034679376662262757881685632614 4.0/4

Right Out: 477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

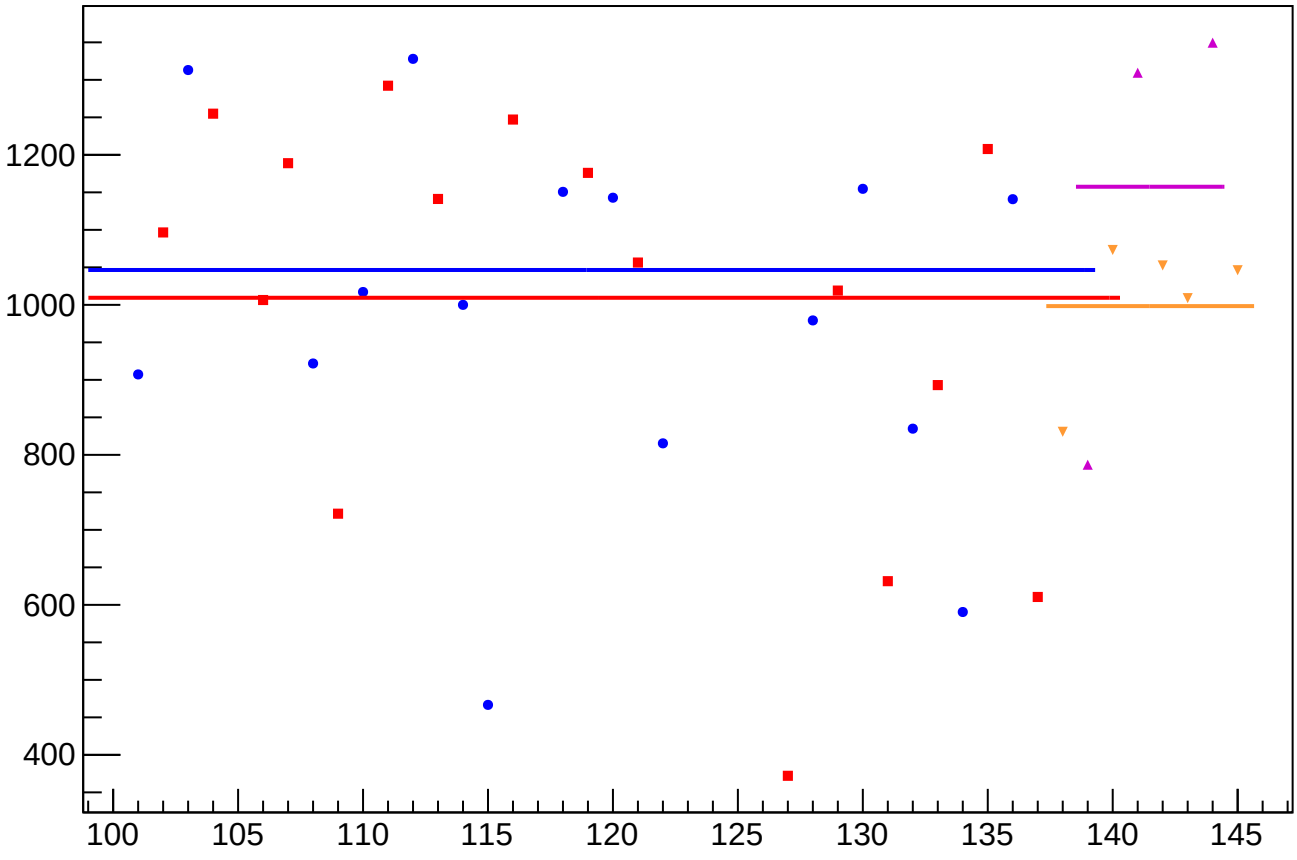
Left In: 979.840+/-0.000 χ^2/NDF:1383477912944735309858754115015802880.0/2

+ sign 639.284+/-0.000 χ^2/NDF: 958737959237593

All: 628.339+/-0.000 χ^2/NDF: 18284803879 4

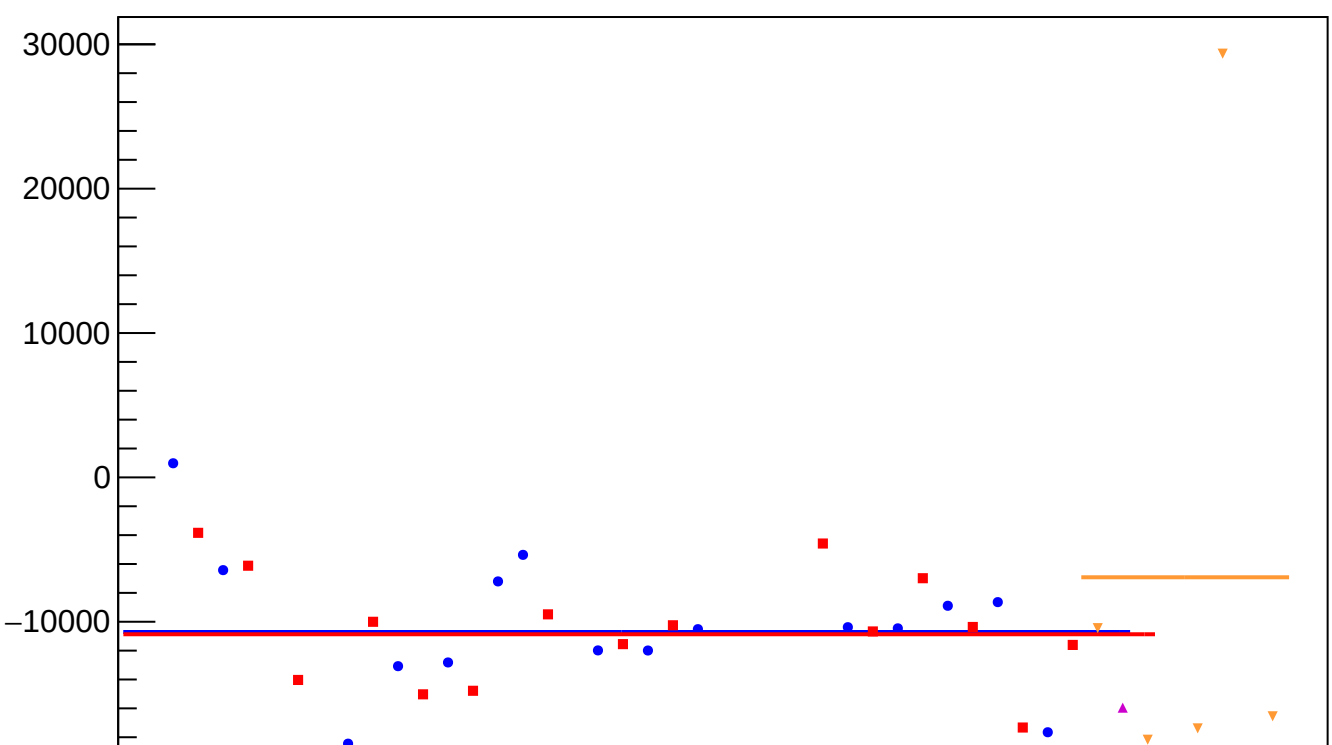
- sign 616.467+/-0.000 χ^2/NDF: 867244905939606

dit_usr_coil1_Ndata_mean vs Slug



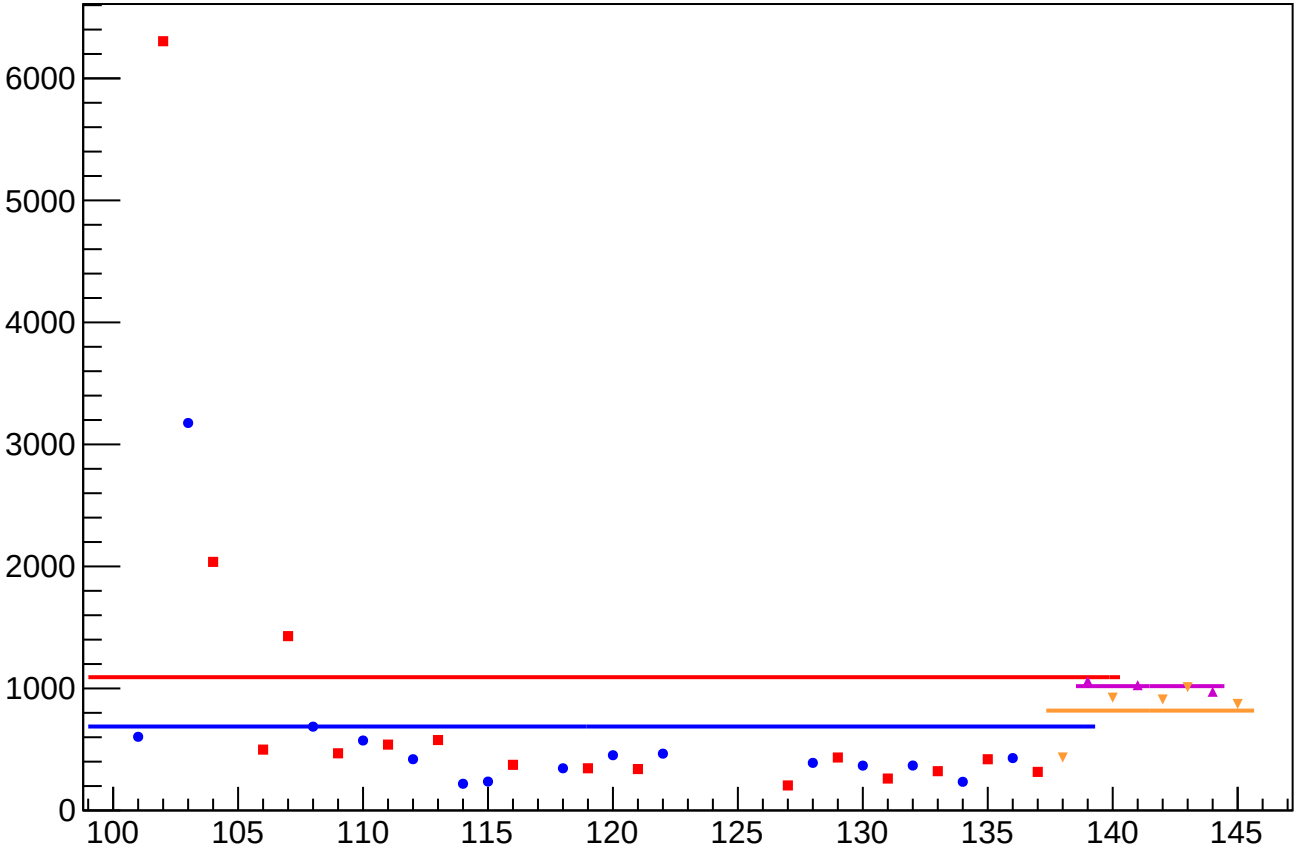
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000 χ^2/NDF: 16945226152053511840482618402250170564608.0/14
+ sign -9379.814+/-0.000 χ^2/NDF: 1319875571268
Left Out: -6919.755+/-0.000 χ^2/NDF:1117692749289267744152499465852899379118 08.0/4
All: -11152.477+/-0.000 χ^2/NDF: 165604406
Right Out: -10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15
- sign -13075.105+/-0.000 χ^2/NDF: 2706634374138
Left In: -18852.739+/-0.000 χ^2/NDF:1065132879651684570838491681269619884032.0/2

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF: 409297141104301509817753390759024787456.0/14

+ sign 733.731+/-0.000 χ^2/NDF: 428691501571602

Left Out: 818.400+/-0.000 χ^2/NDF:155171820757122111529405341471961251 84.0/4

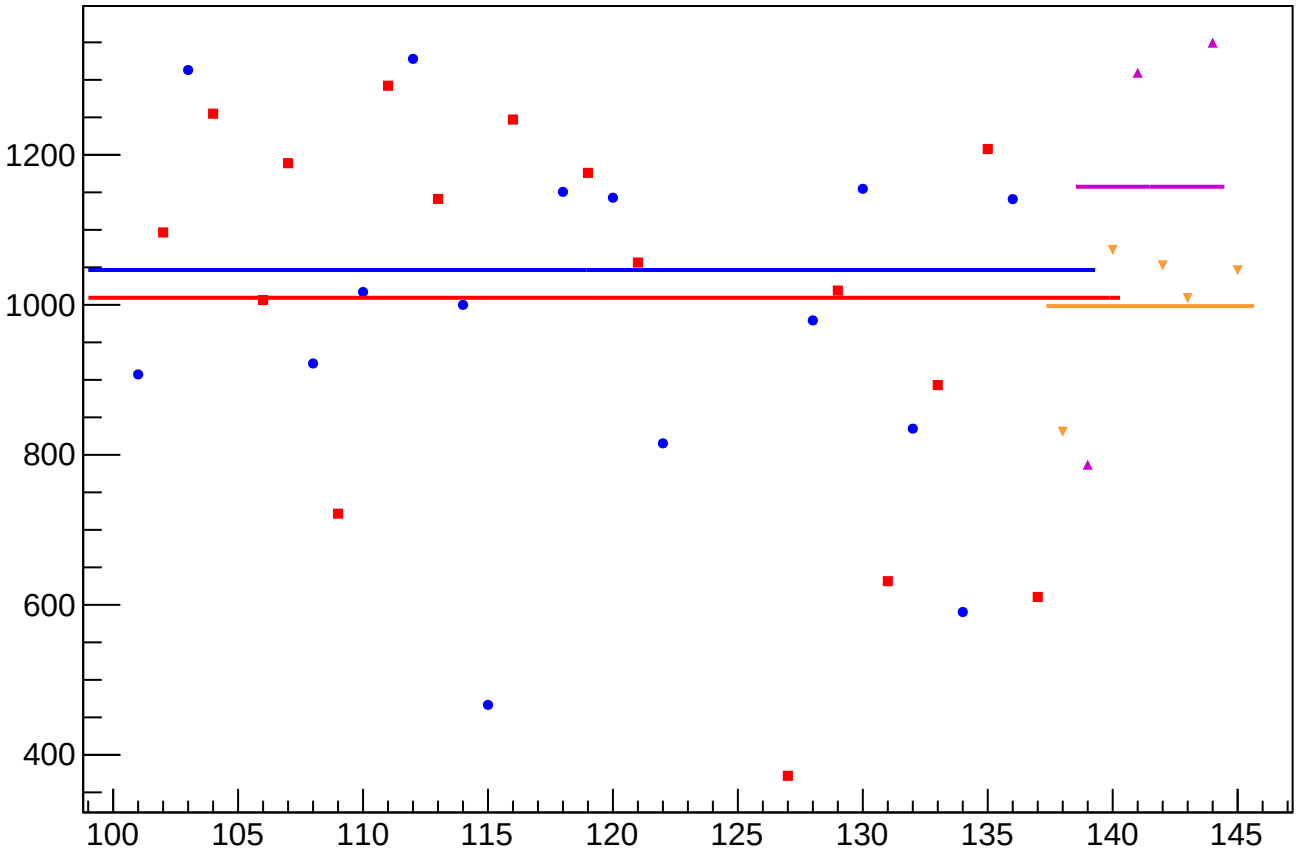
All: 895.974+/-0.000 χ^2/NDF: 236809307437

Right Out: 1092.265+/-0.000 χ^2/NDF: 188319814292960581345623381294694845 6448.0/15

- sign 1071.943+/-0.000 χ^2/NDF: 18845289593706

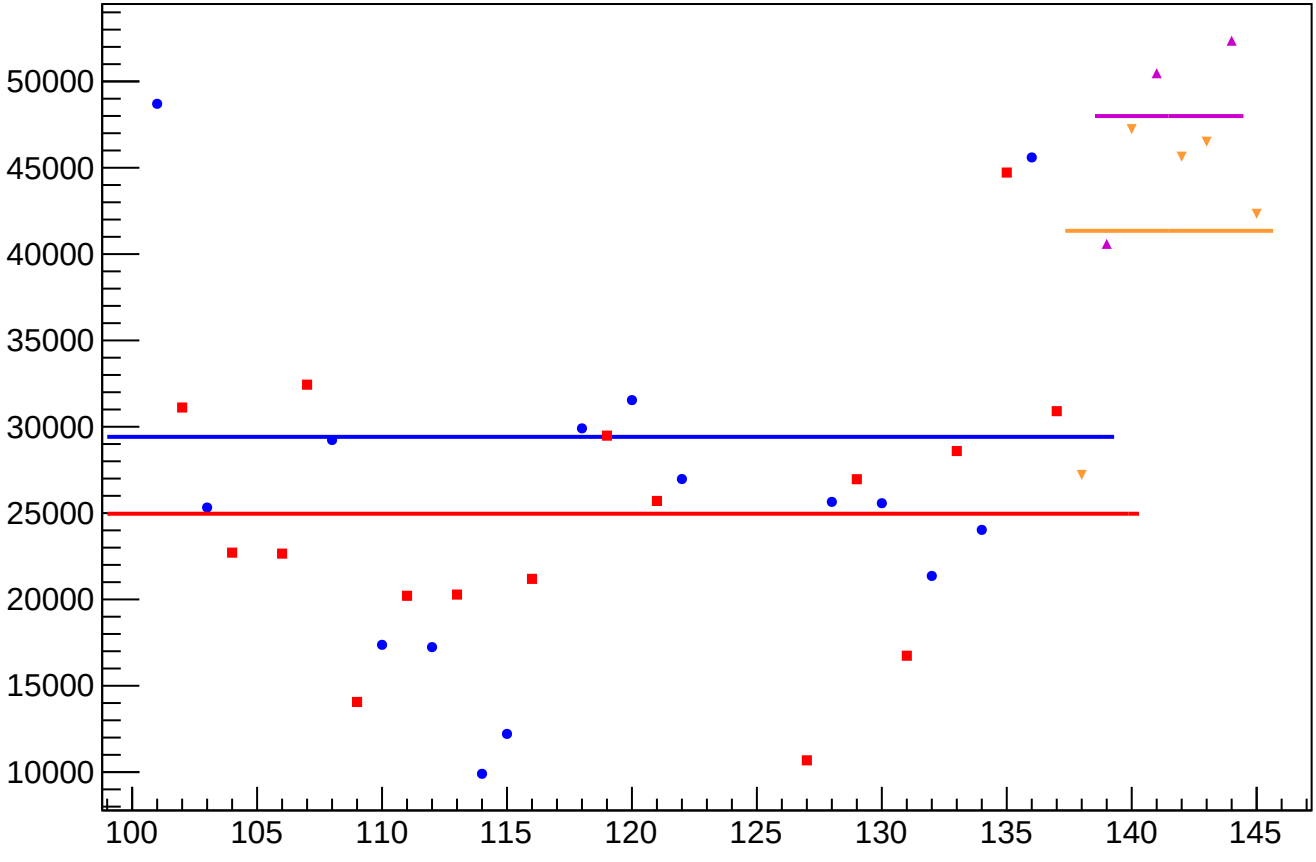
Left In: 1018.786+/-0.000 χ^2/NDF:33482253775969813618122761211530 4448.0/2

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Left Out: 41348.022+/-0.000 χ^2/NDF:2114325513048836156229087078962493705420 8.0/4

Right Out: 24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

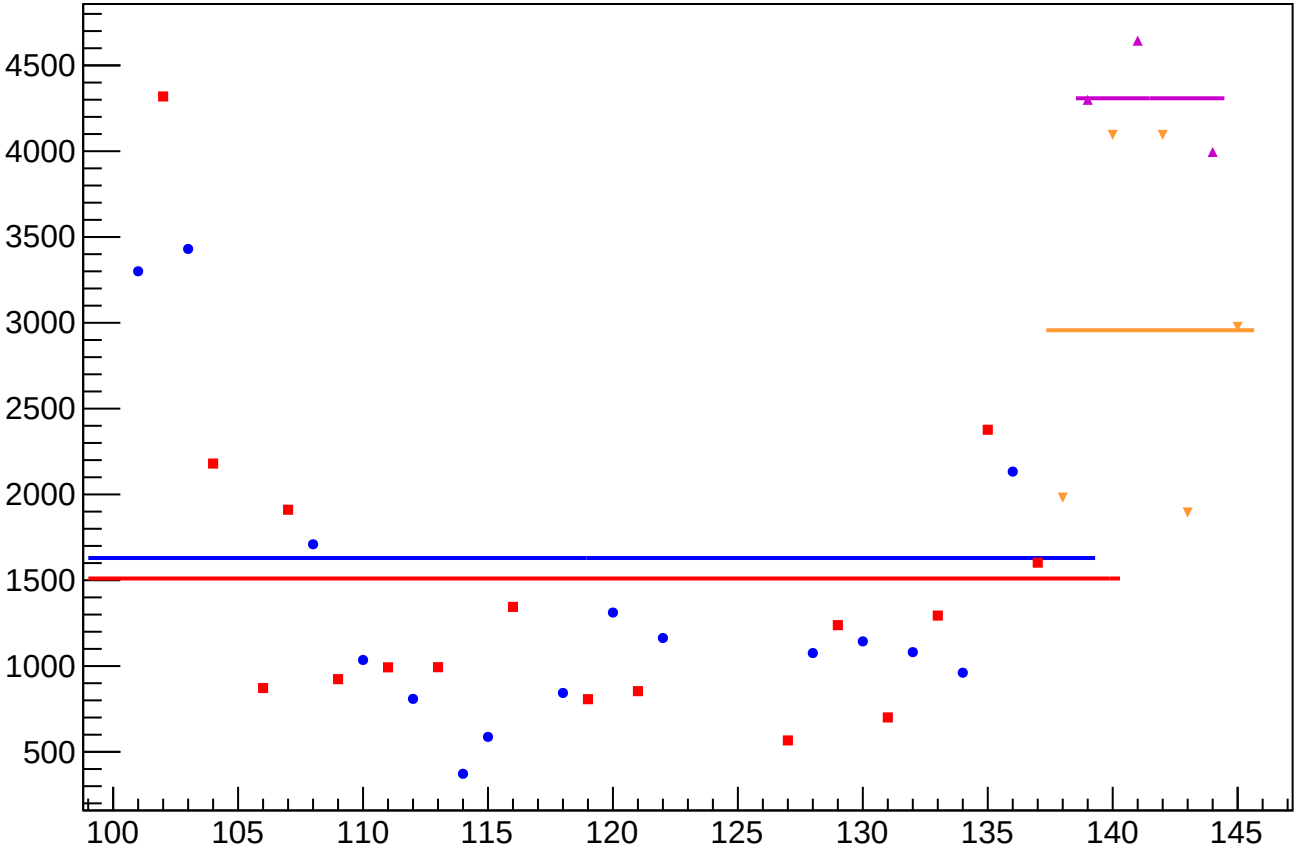
Left In: 47994.318+/-0.000 χ^2/NDF:6655834418531099913147687935756289966080.0/2

+ sign 33604.029+/-0.000 χ^2/NDF: 1253416304344

All: 32514.520+/-0.000 χ^2/NDF: 2779561017

- sign 31332.840+/-0.000 χ^2/NDF: 1501399913285

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Left Out: 2956.790+/-0.000 χ^2/NDF:3157059089059954692876101498940864593 92.0/4

Right Out: 1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

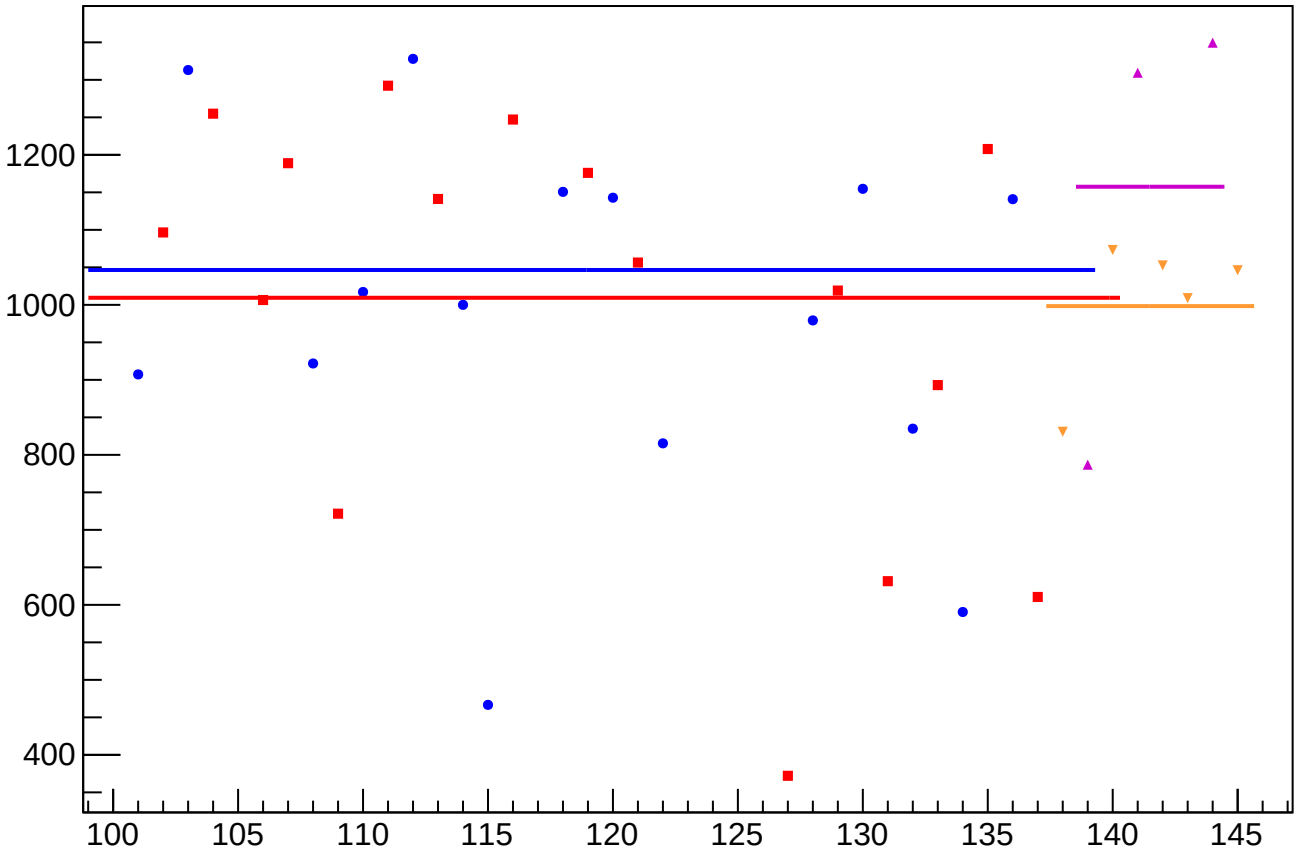
Left In: 4308.350+/-0.000 χ^2/NDF:1828664443300291614307832391804754329 6.0/2

+ sign 2095.406+/-0.000 χ^2/NDF: 1268732087700

All: 2185.952+/-0.000 χ^2/NDF: 3436610744

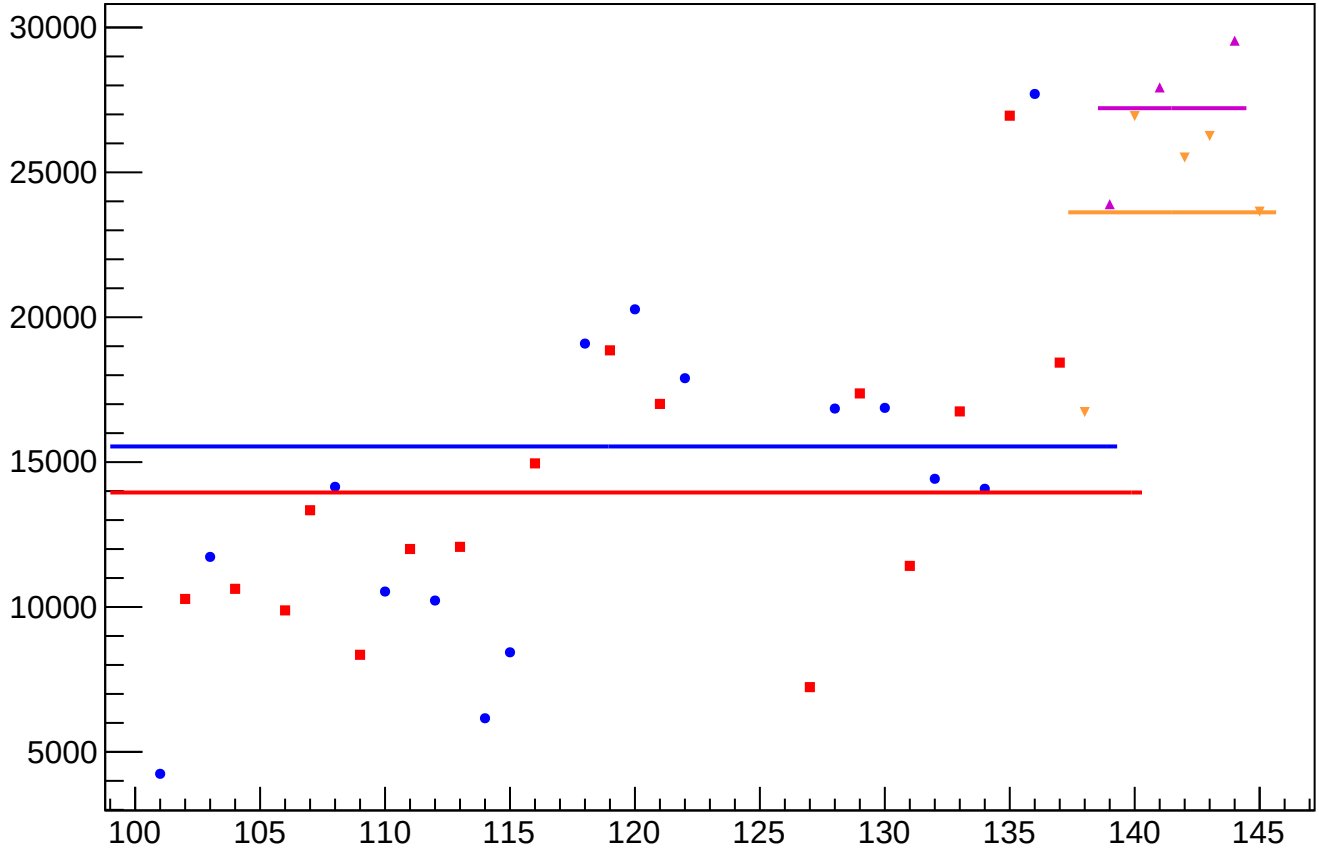
- sign 2284.159+/-0.000 χ^2/NDF: 21507877092803

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

+ sign 18376.848+/-0.000 χ^2/NDF: 4749485629126

Left Out: 23620.734+/-0.000 χ^2/NDF:5239238062829790256272904095692052496384.0/4

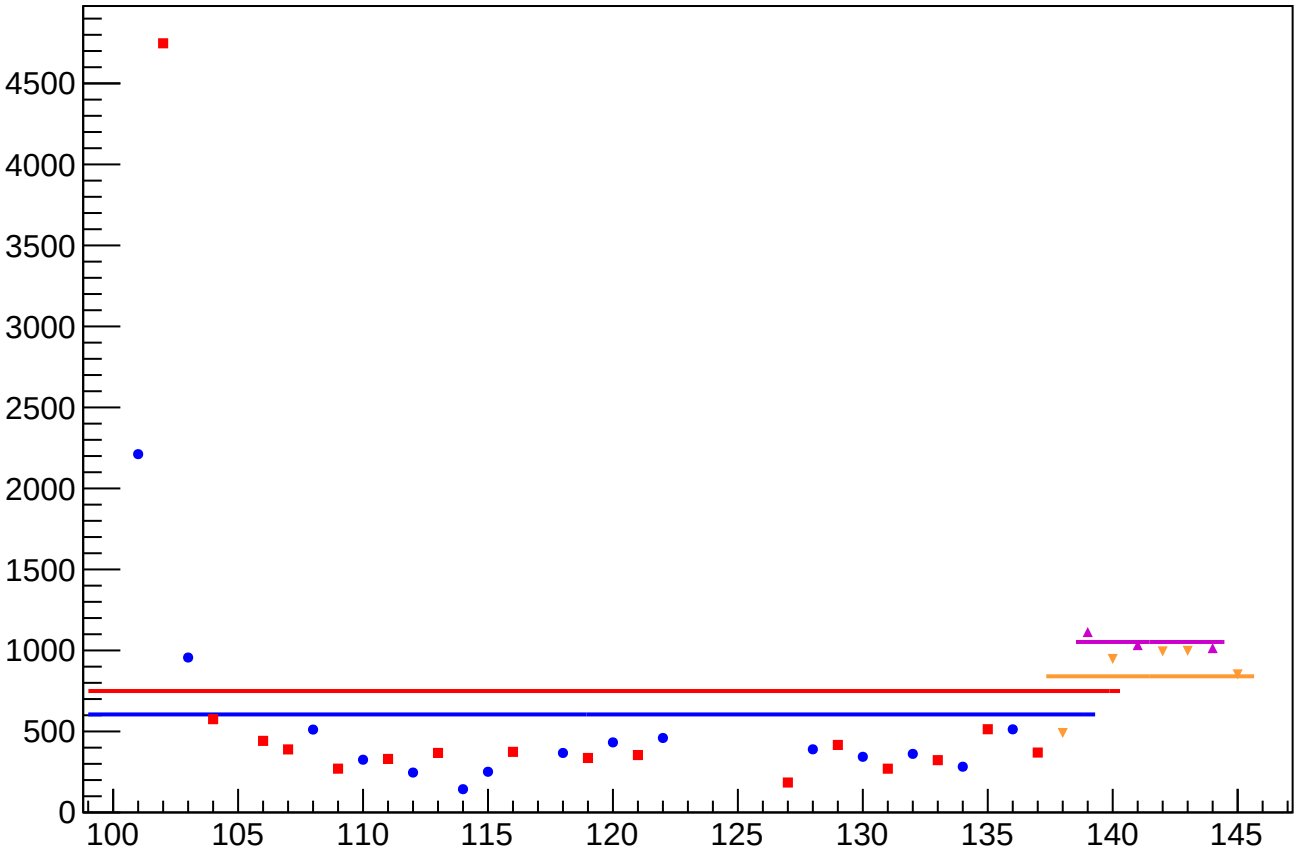
All: 18013.740+/-0.000 χ^2/NDF: 985884265 1

Right Out: 13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

- sign 17619.913+/-0.000 χ^2/NDF: 5081872071873

Left Out: 27214.548+/-0.000 χ^2/NDF:1415581609744082944937911521834040295424.0/2

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF: 189401522791607614448600157723362852864.0/14

+ sign 687.612+/-0.000 χ^2/NDF: 215260385620397

Left Out: 840.299+/-0.000 χ^2/NDF:132502979863467397441338408980971520000.0/4

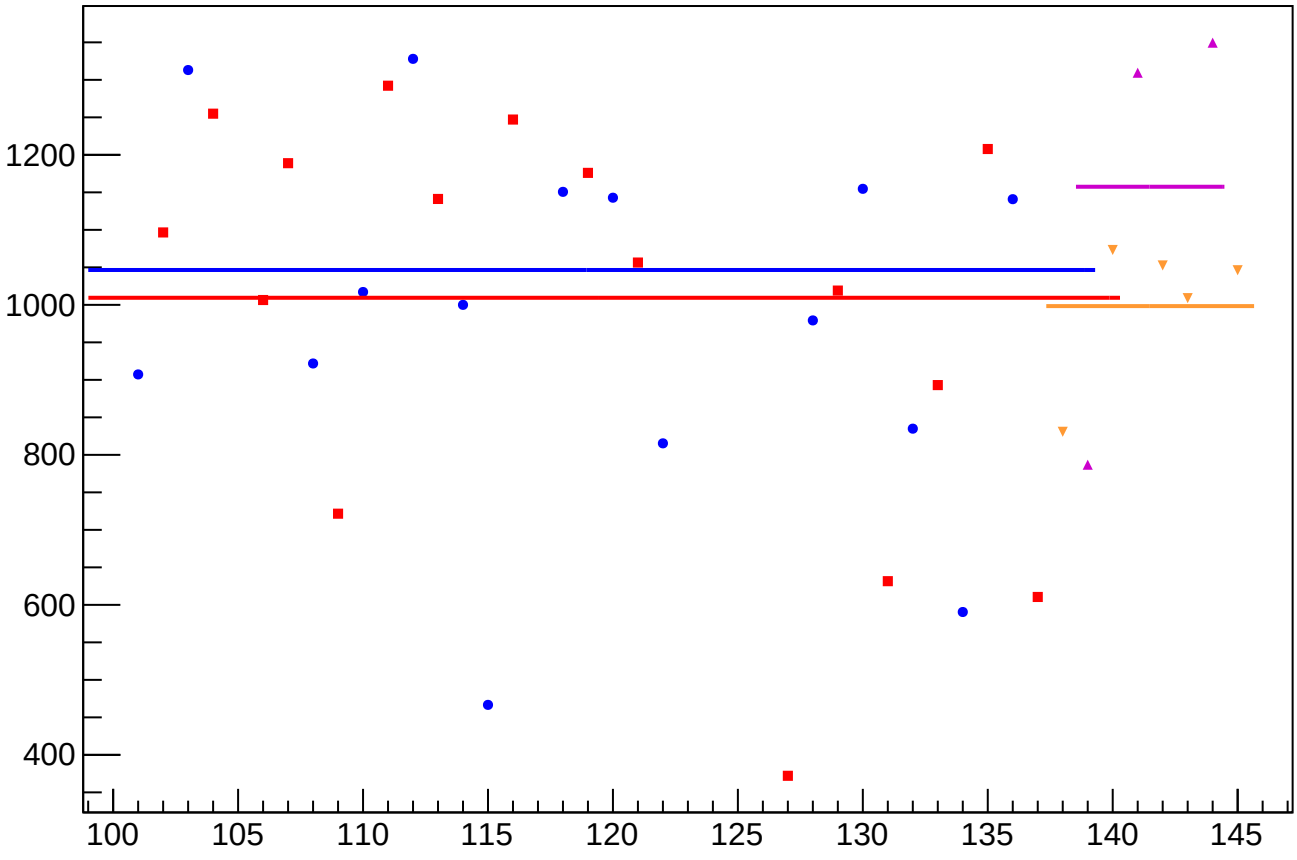
All: 757.498+/-0.000 χ^2/NDF: 12641655562

Right Out: 749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418892 8.0/15

- sign 833.297+/-0.000 χ^2/NDF: 103872377965246

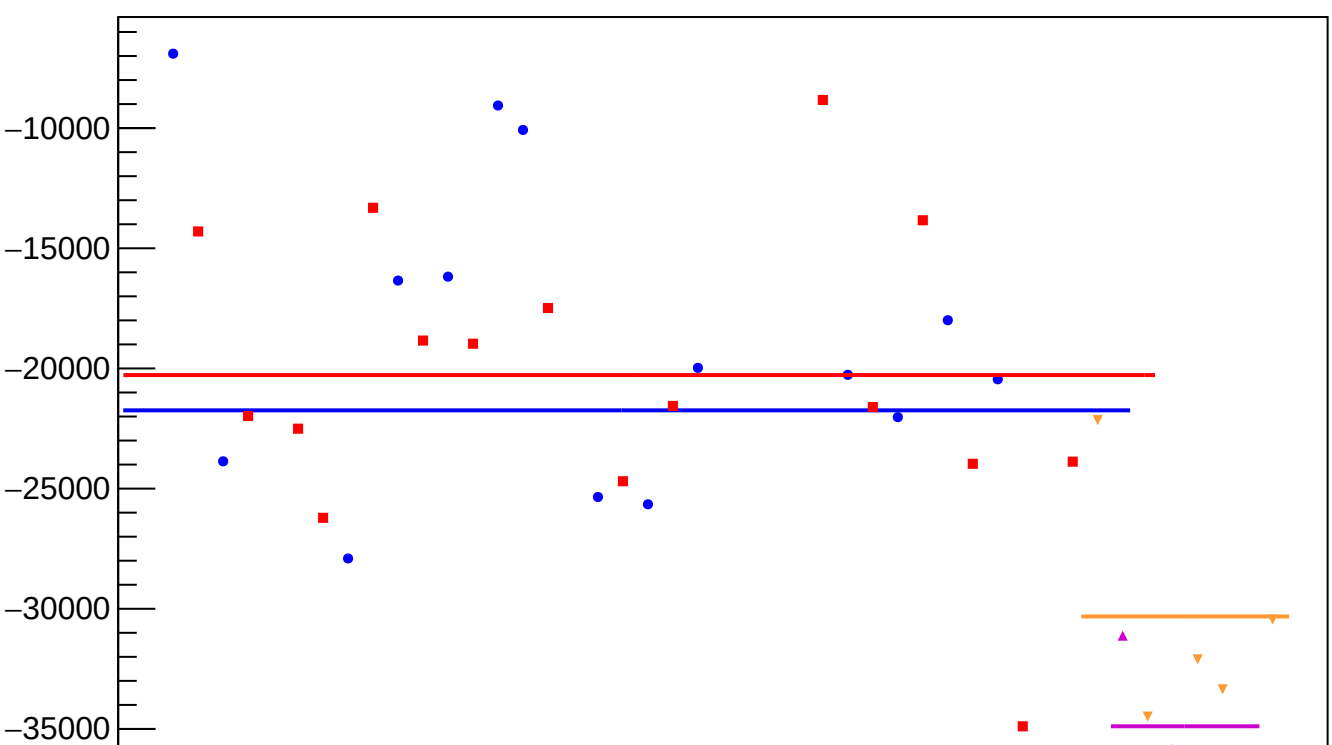
Left In: 1052.268+/-0.000 χ^2/NDF:463732471152790855193091093129330688.0/2

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF: 4110685882357952732519867567539879306854 4.0/14

Left Out: -30319.475+/-0.000 χ^2/NDF:7390445341495636017794423865293961953280.0/4

Right Out: -20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15

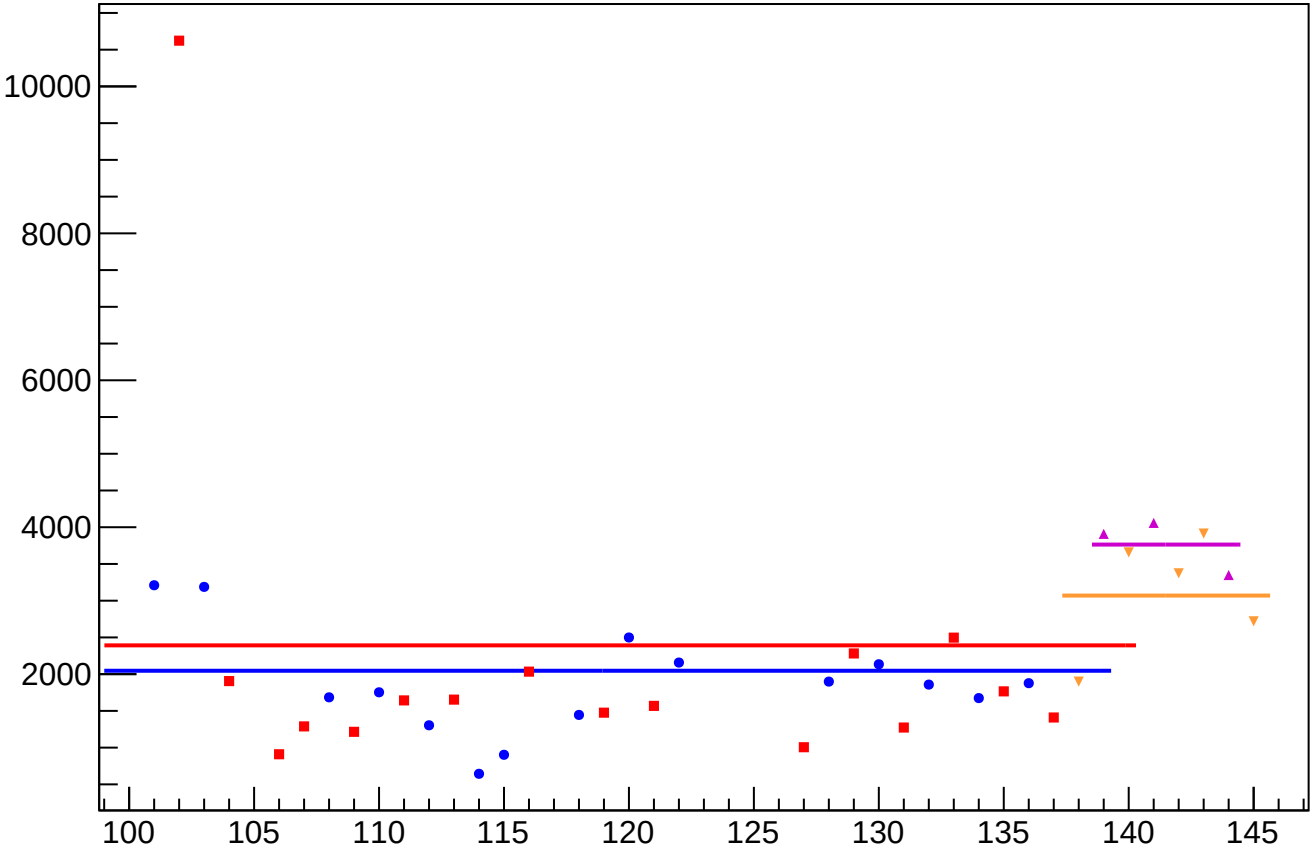
Left In: -34888.940+/-0.000 χ^2/NDF:1794297976607311441640009436121891078144.0/2

+ sign -24753.576+/-0.000 χ^2/NDF: 652518656969

All: -24544.203+/-0.000 χ^2/NDF: 132468774

- sign -24317.116+/-0.000 χ^2/NDF: 671255255047 8

dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

+ sign 2405.575+/-0.000 χ^2/NDF: 7021039425141

Left Out: 3069.776+/-0.000 χ^2/NDF:196953420870556382610169574138576896000.0/4

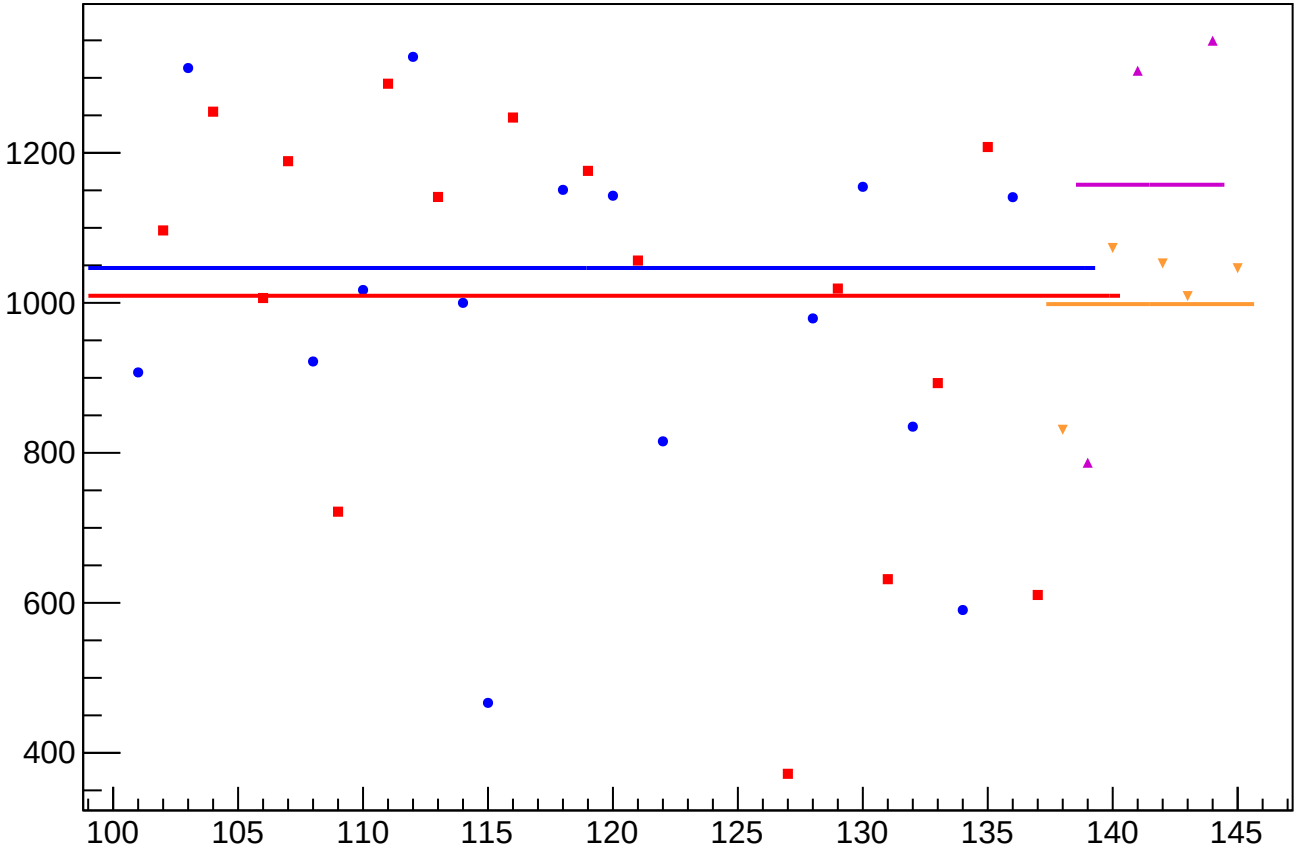
All: 2581.044+/-0.000 χ^2/NDF: 5553181995

Right Out: 2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15

- sign 2771.358+/-0.000 χ^2/NDF: 47868945150321

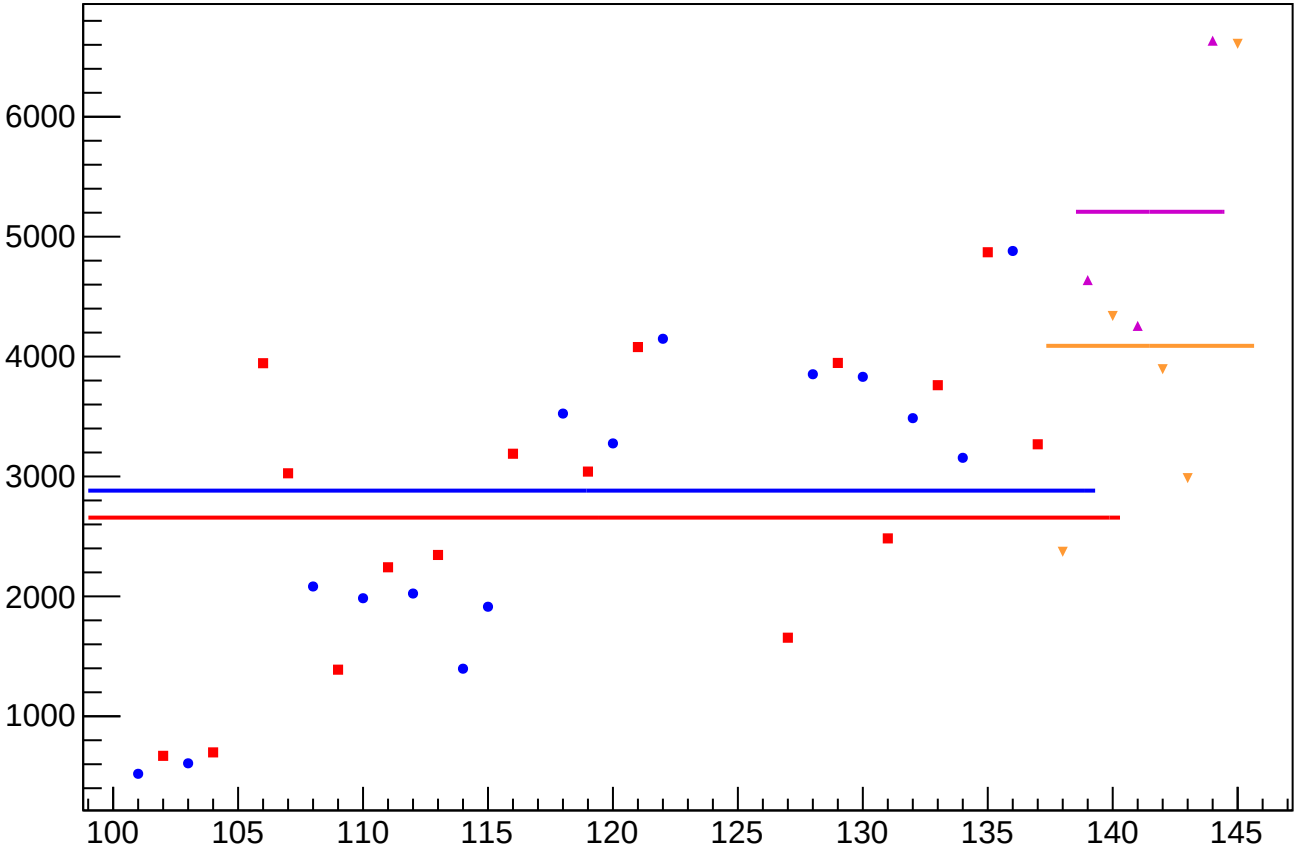
Left In: 3763.798+/-0.000 χ^2/NDF:2442013255113936909487403809347364454 4.0/2

dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_sam1_coil1_mean vs Slug



Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14

+ sign 3305.817+/-0.000 χ^2/NDF: 2465944550297

Left Out: 4089.575+/-0.000 χ^2/NDF:8134044672503845735041271987392856719 36.0/4

All: 3332.938+/-0.000 χ^2/NDF: 5029817455

Right Out: 2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

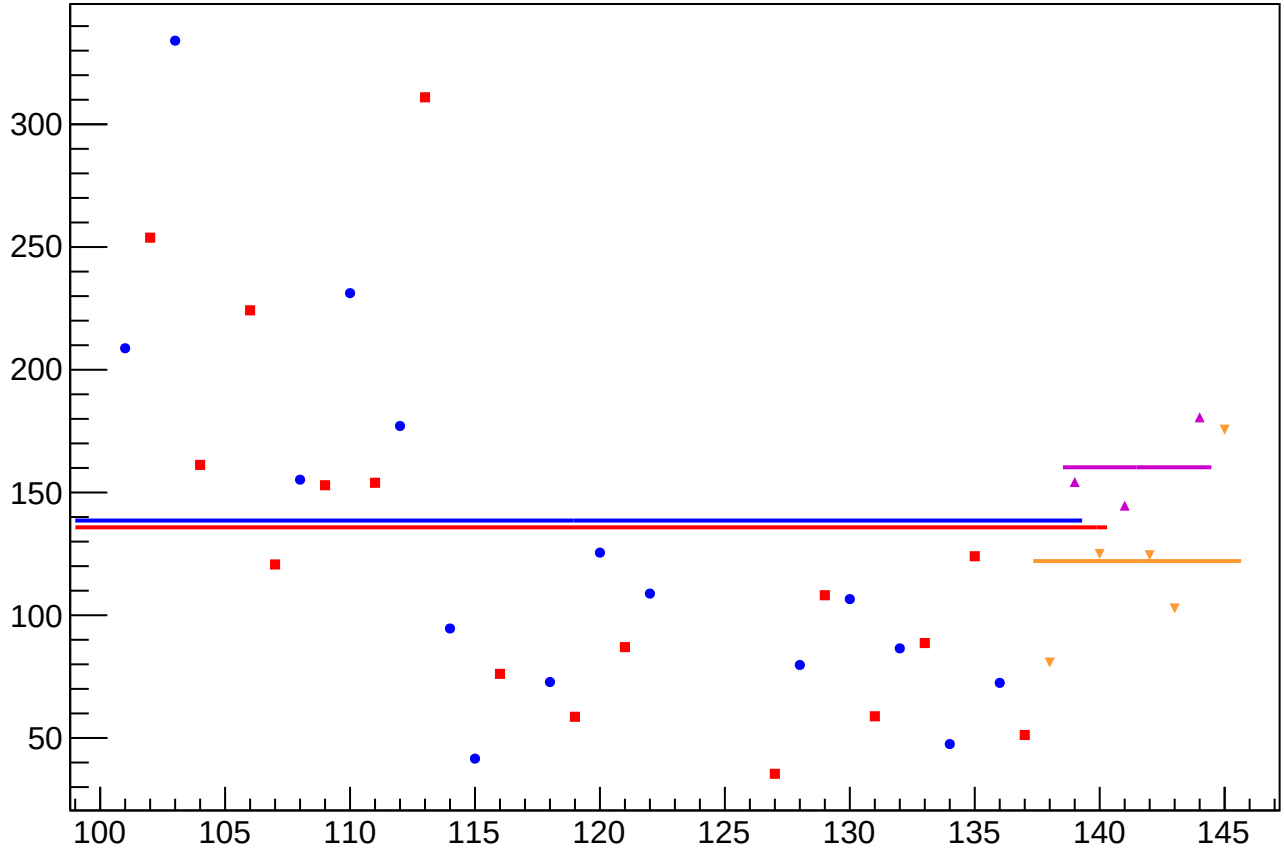
- sign 3362.353+/-0.000 χ^2/NDF: 25623396056575

Left Out: 4089.575+/-0.000 χ^2/NDF:8134044672503845735041271987392856719 36.0/4

Right Out: 2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

Left In: 5207.548+/-0.000 χ^2/NDF:2845087313084150210279504022784096337 92.0/2

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Left Out: 122.079+/-0.000 χ^2/NDF:3826306861329233209607993148173189 12.0/4

Right Out: 135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736437 76.0/15

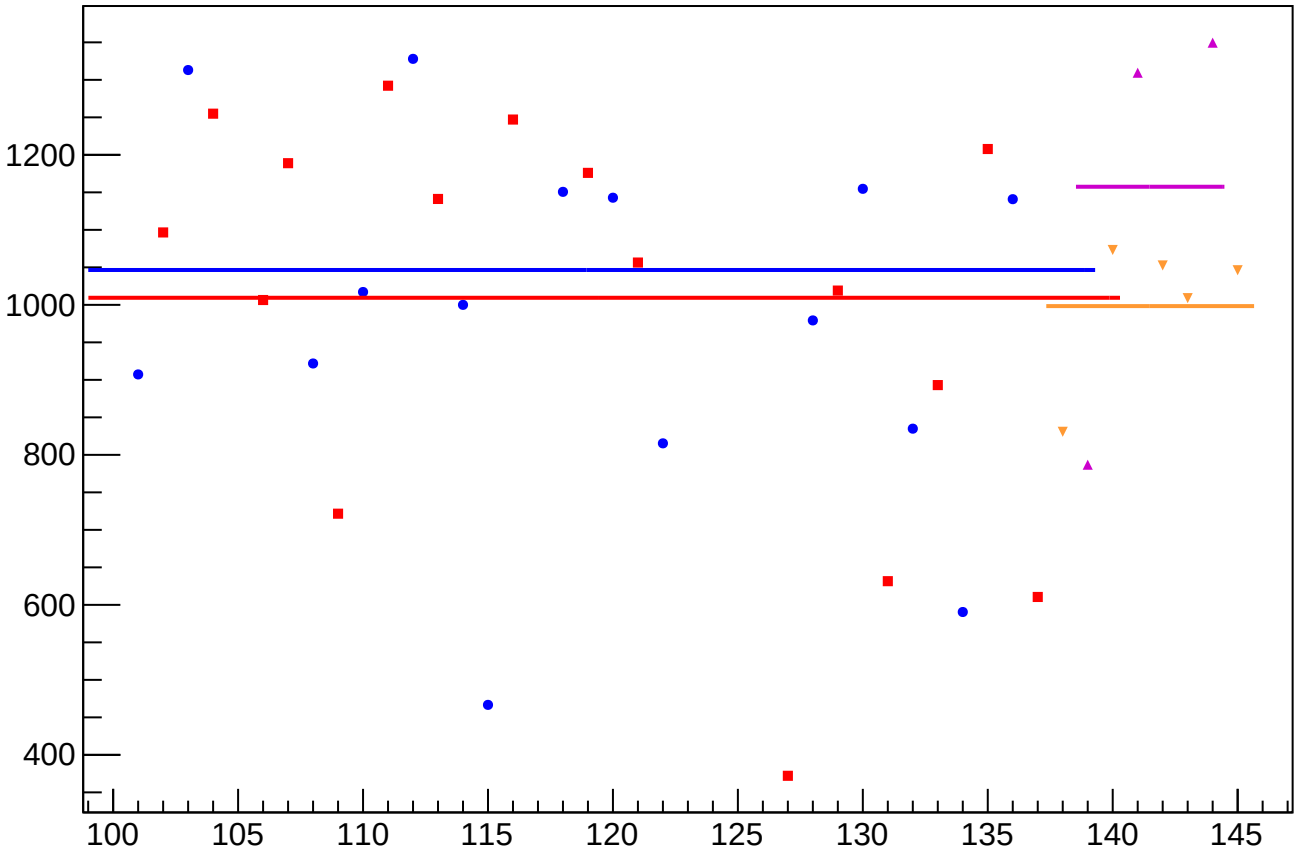
Left In: 160.275+/-0.000 χ^2/NDF:605198589040757060543555354377584 64.0/2

+ sign 132.786+/-0.000 χ^2/NDF: 46870066952969 8

All: 137.482+/-0.000 χ^2/NDF: 88603224187 6

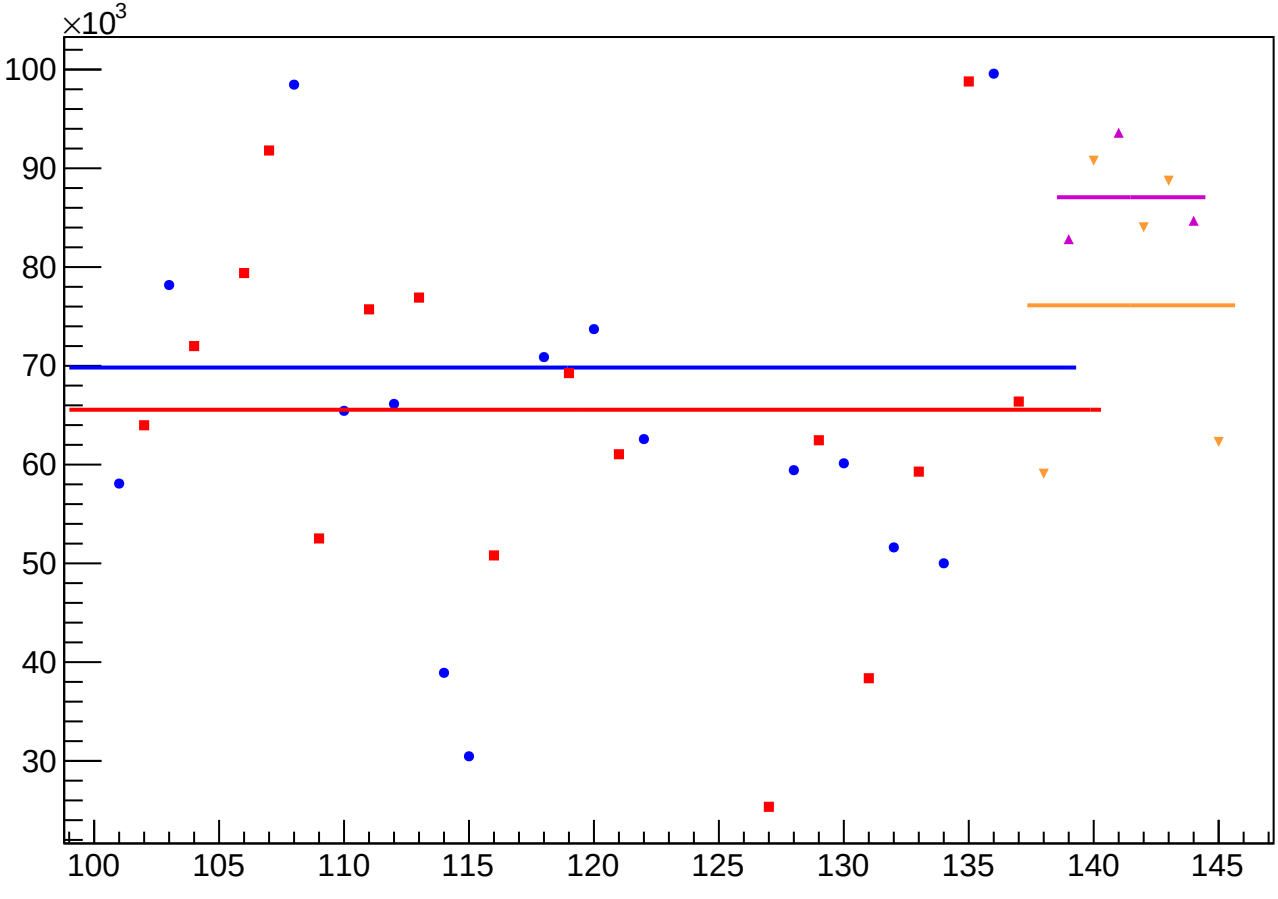
- sign 142.575+/-0.000 χ^2/NDF: 41273469159924 4

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14

+ sign 72039.123+/-0.000 χ^2/NDF: 2655538413426

Left Out: 76127.870+/-0.000 χ^2/NDF:6870900766423344705850912433875545856409 6.0/4

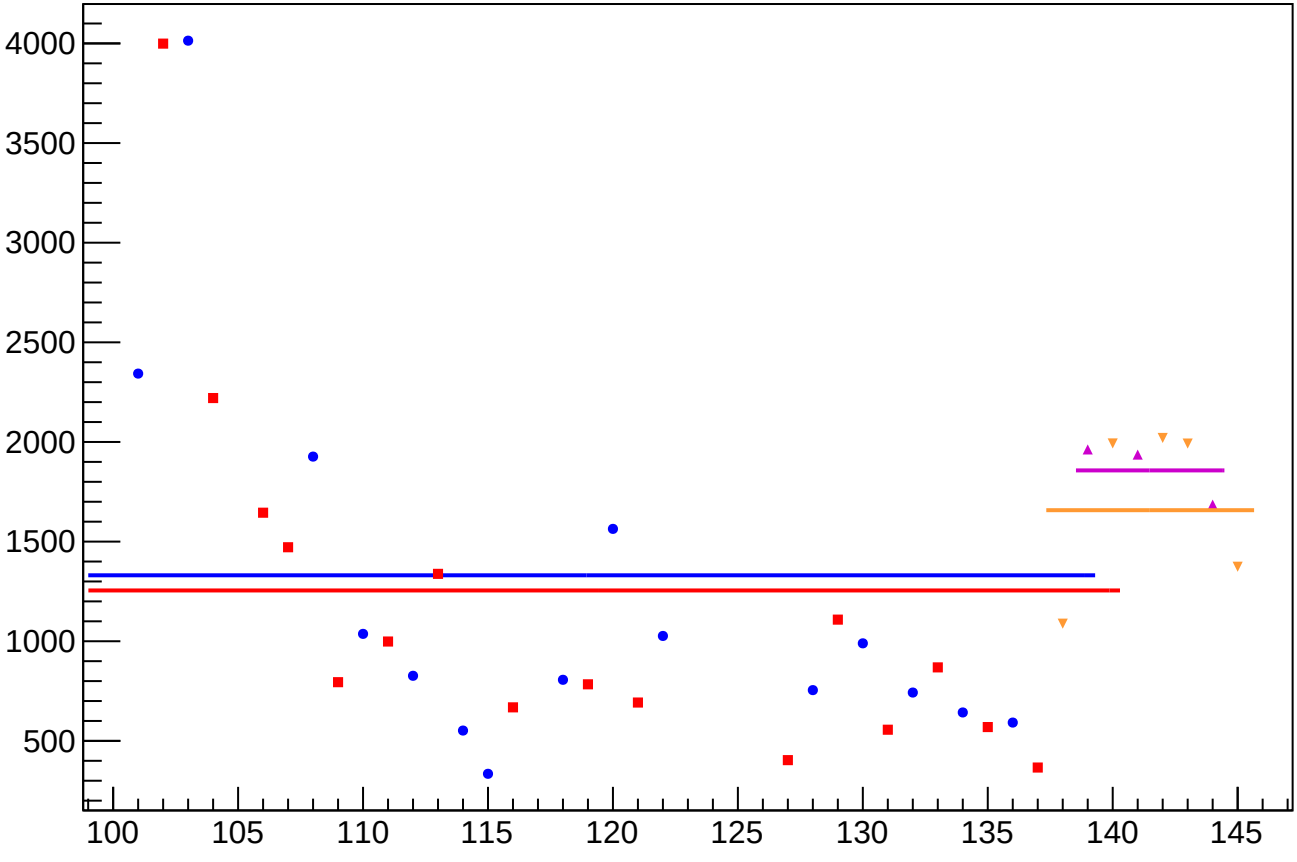
All: 71783.094+/-0.000 χ^2/NDF: 5686657308

Right Out: 65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959997416734 72.0/15

- sign 71505.405+/-0.000 χ^2/NDF: 3029752423641

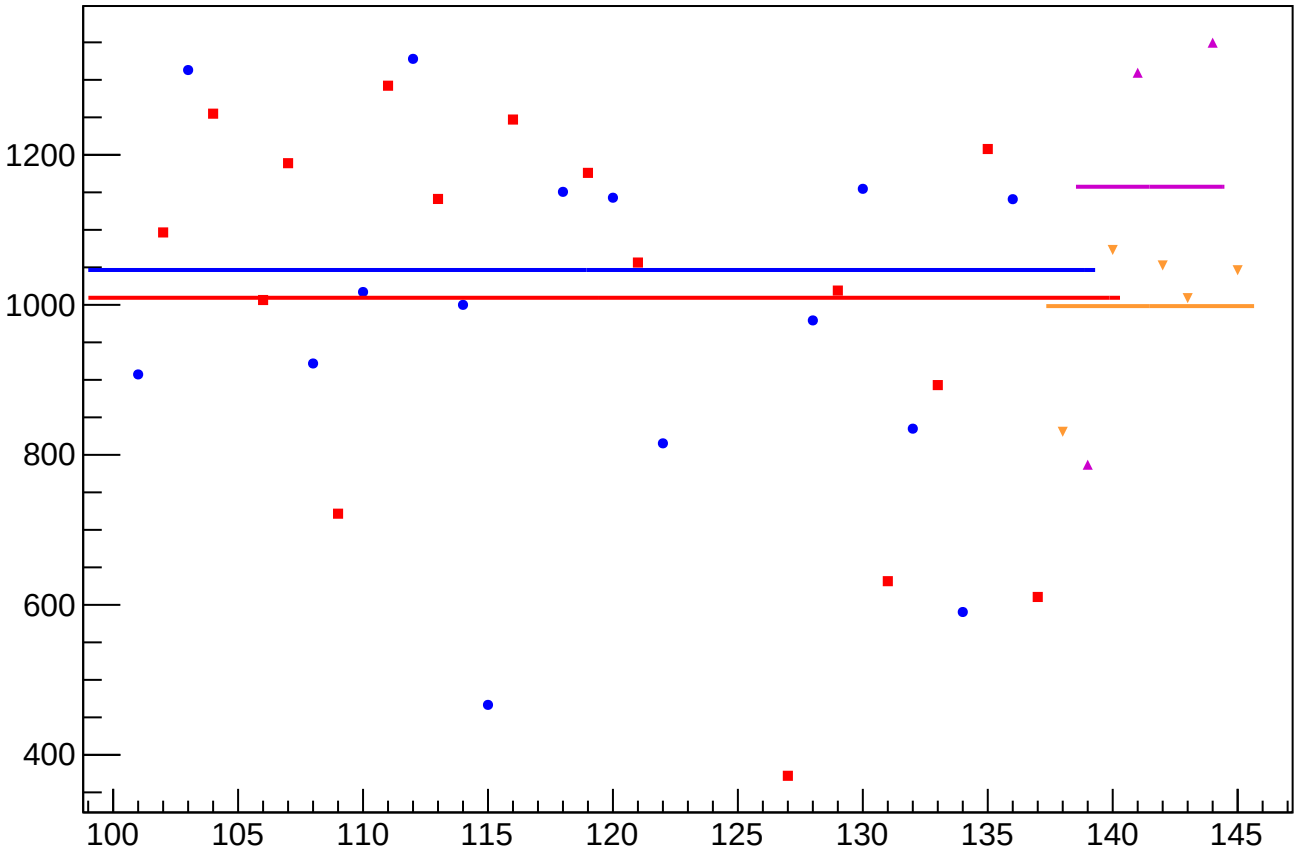
Left In: 87069.413+/-0.000 χ^2/NDF:5587486066089386984440336610668761317376.0/2

dit_sam2_coil1_err_mean vs Slug



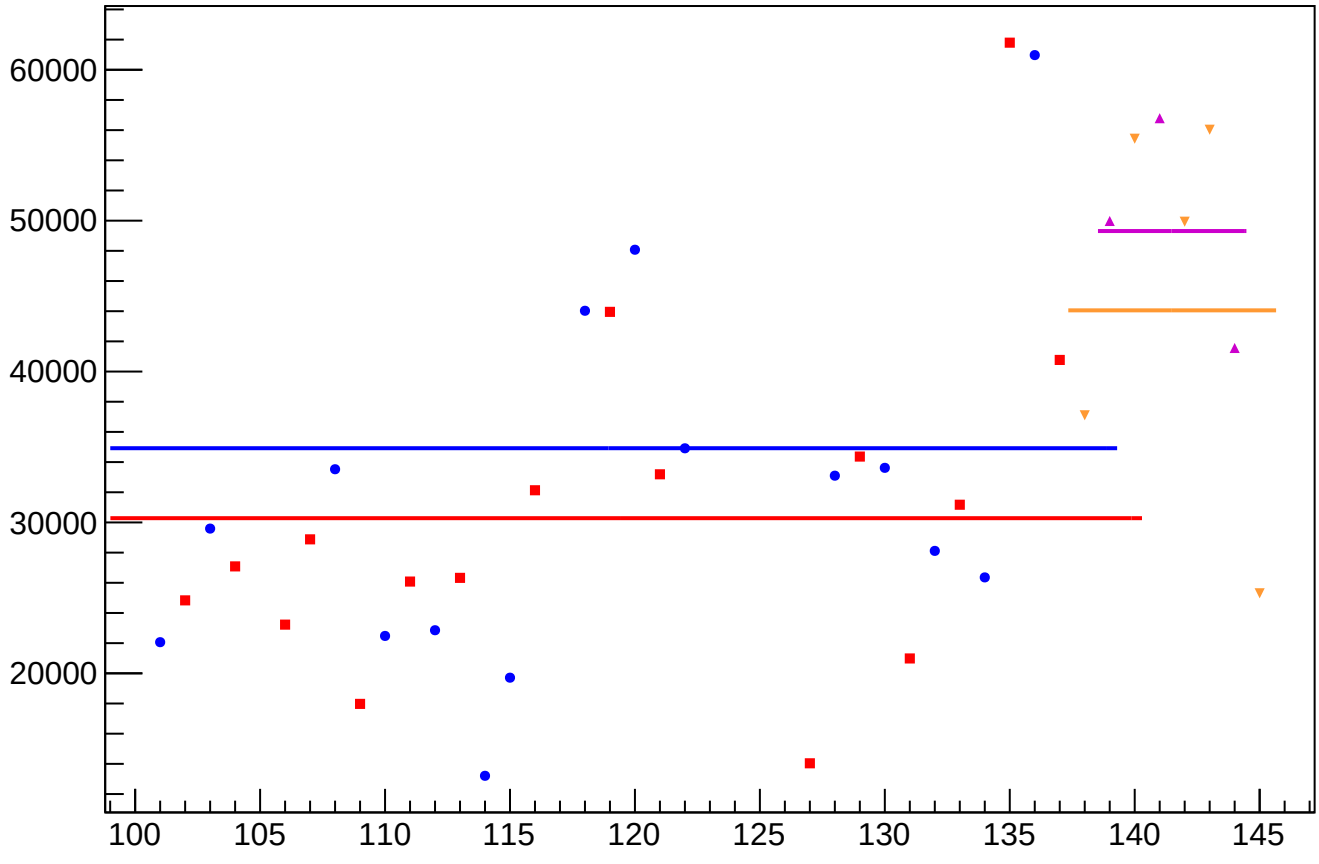
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
+ sign 1445.624+/-0.000 χ^2/NDF: 7281045129517 4
Left Out: 1657.645+/-0.000 χ^2/NDF:5431131789625264416513363878073702 8096.0/4
All: 1434.045+/-0.000 χ^2/NDF: 1431529176 1
Right Out: 1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15
- sign 1421.487+/-0.000 χ^2/NDF: 7031451964673 0
Left In: 1857.302+/-0.000 χ^2/NDF:4055310637003292541326244065063206912.0/2

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

+ sign 38126.585+/-0.000 χ^2/NDF: 1784007820699

Left Out: 44056.096+/-0.000 χ^2/NDF:5299822837861834337513315575157581519257 6.0/4

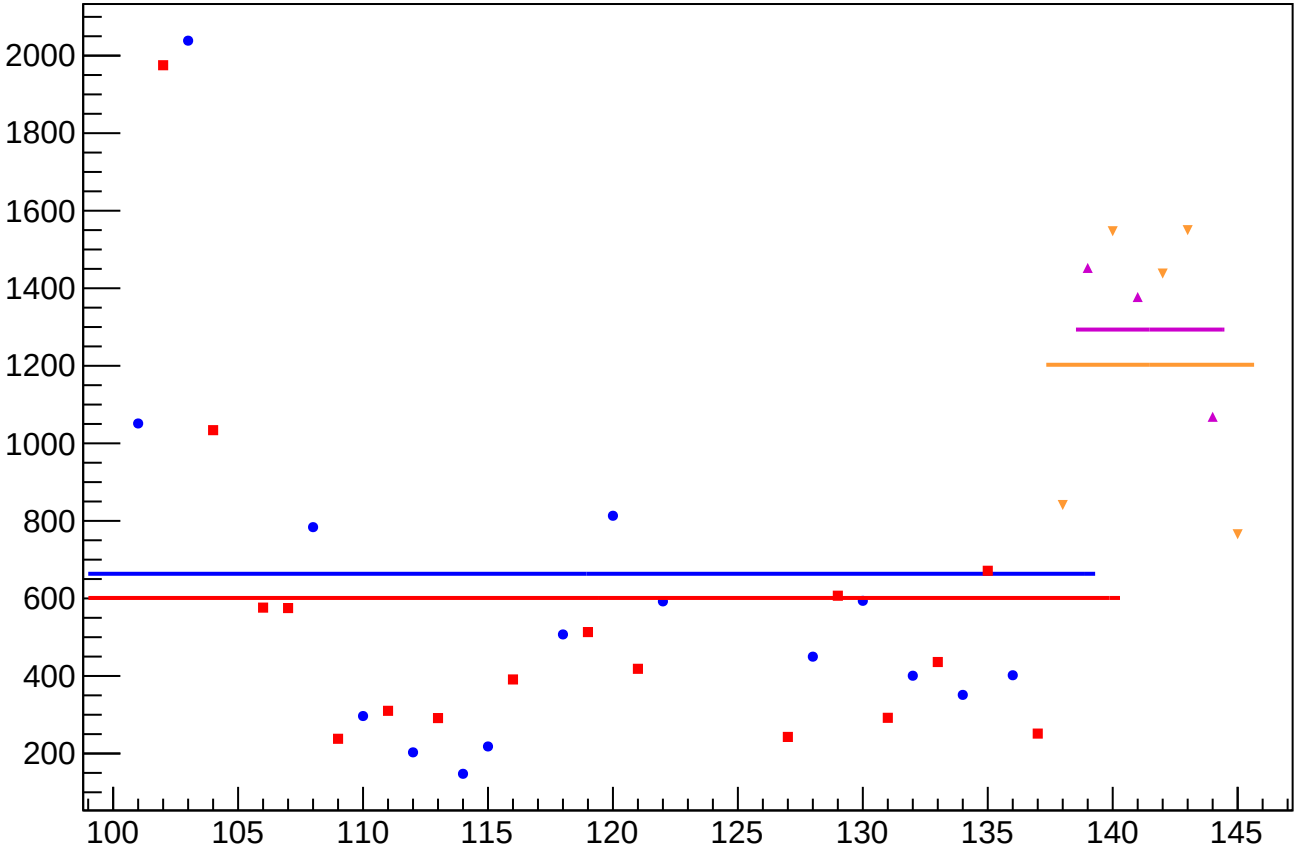
All: 36888.478+/-0.000 χ^2/NDF: 3468845440

Right Out: 30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

- sign 35545.629+/-0.000 χ^2/NDF: 1652882615233

Left In: 49312.654+/-0.000 χ^2/NDF:1013455844371247510335177881401839478374 4.0/2

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14

Left Out: 1202.678+/-0.000 χ^2/NDF:4546014392988690909154802460335800320 0.0/4

Right Out: 601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15

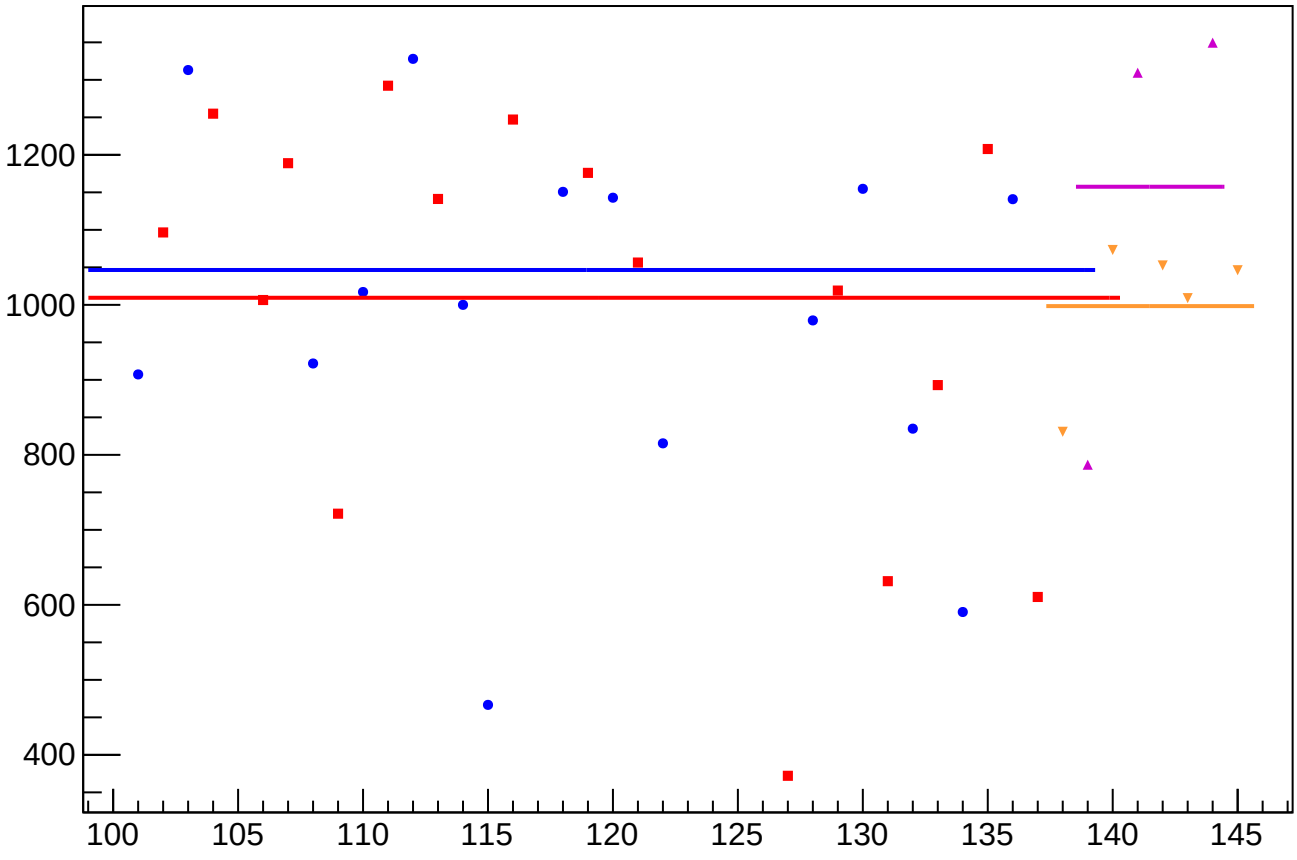
Left In: 1293.464+/-0.000 χ^2/NDF:7151753375699380784094372930741338112.0/2

+ sign 852.799+/-0.000 χ^2/NDF: 2693579522737 78

All: 823.956+/-0.000 χ^2/NDF: 5163630467 19

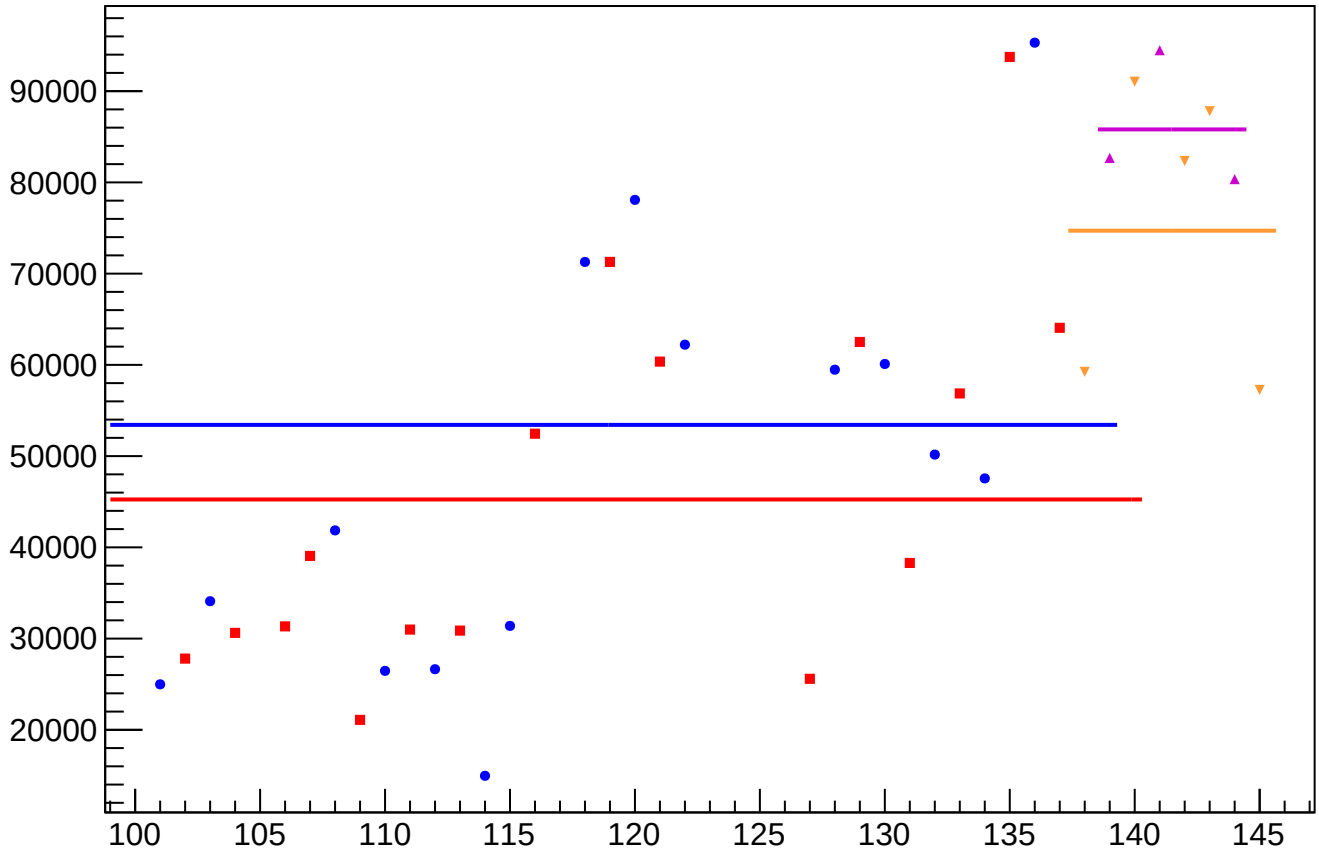
- sign 792.673+/-0.000 χ^2/NDF: 2452708693222 91

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF: 360635757315133800133751123167777346551808.0/14

+ sign 60893.860+/-0.000 χ^2/NDF: 5423300425547

Left Out: 74708.514+/-0.000 χ^2/NDF:784793696483390796374289729666410432430 08.0/4

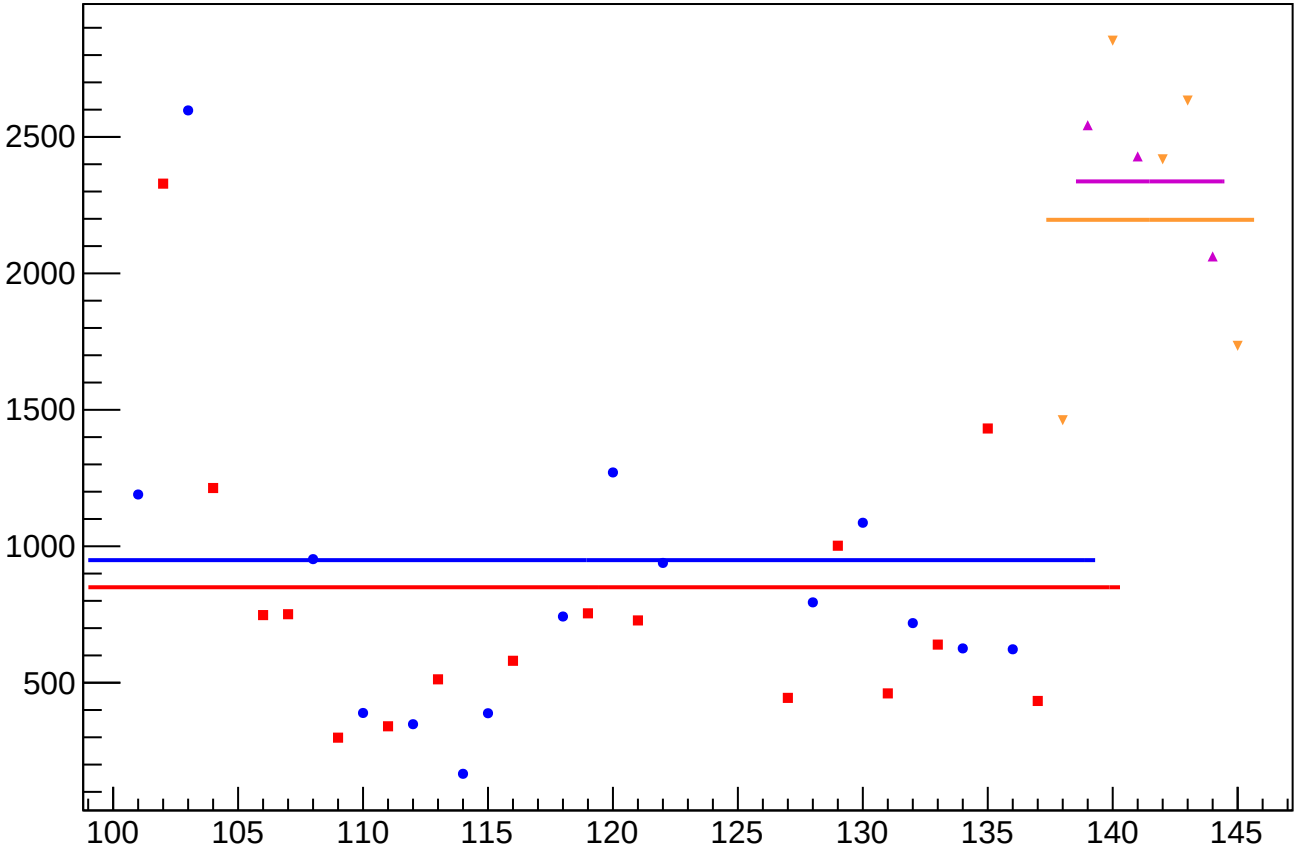
All: 58769.258+/-0.000 χ^2/NDF: 1151088395

Right Out: 45247.617+/-0.000 χ^2/NDF: 286060196488034430215784613374055547928576.0/15

- sign 56464.918+/-0.000 χ^2/NDF: 5993486181321

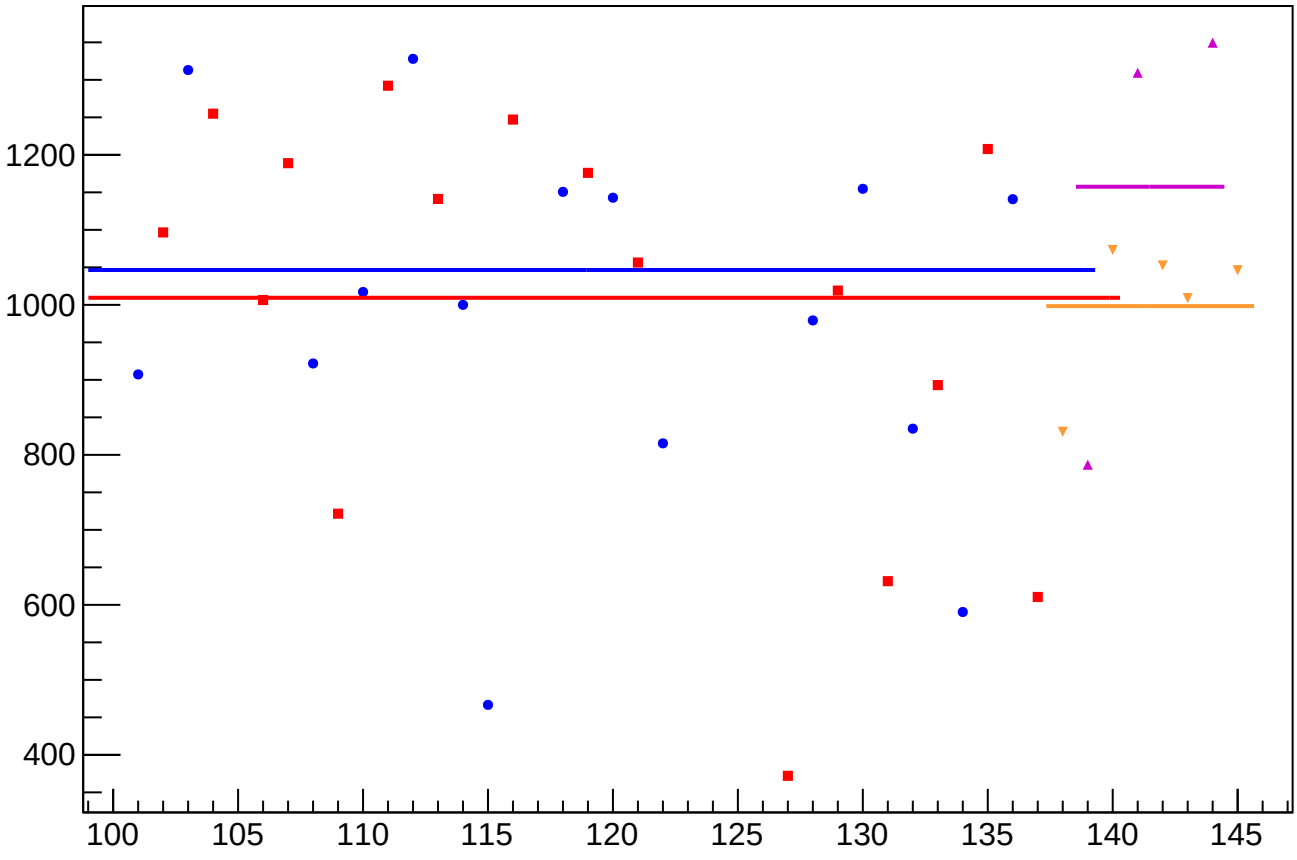
Left In: 85805.859+/-0.000 χ^2/NDF:983409694972857539537156542676781655 6544.0/2

dit_sam4_coil1_err_mean vs Slug



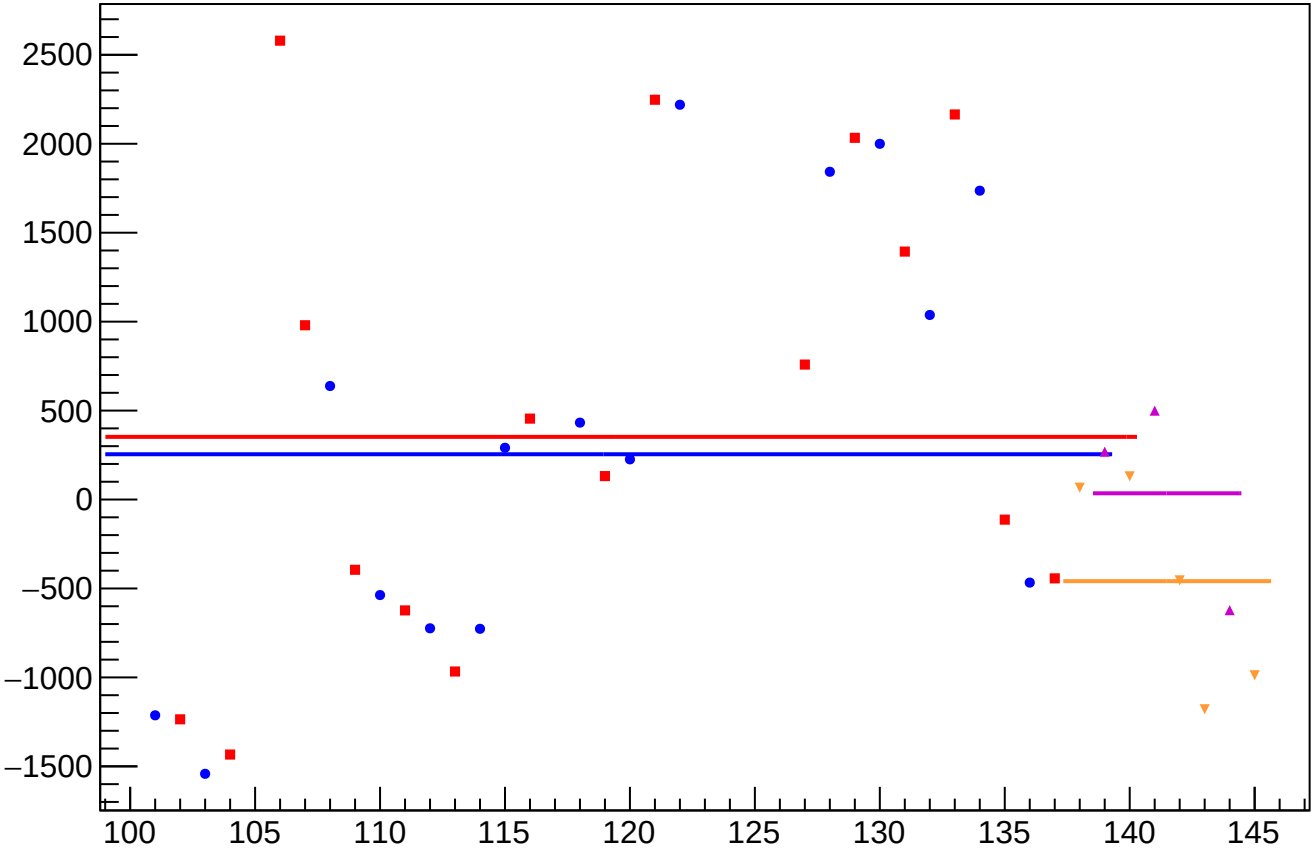
Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14
+ sign 1386.942+/-0.000 χ^2/NDF: 68910500334332
Left Out: 2196.334+/-0.000 χ^2/NDF:109106380656899064404909274994783027200.0/4
All: 1326.604+/-0.000 χ^2/NDF: 1320235003
Right Out: 849.827+/-0.000 χ^2/NDF: 204622224261577247702227312745197338624.0/15
- sign 1261.160+/-0.000 χ^2/NDF: 62354049268942
Left In: 2337.080+/-0.000 χ^2/NDF:108758705204240661479168966538475 60192.0/2

dit_sam4_coil1_Ndata_mean vs Slug



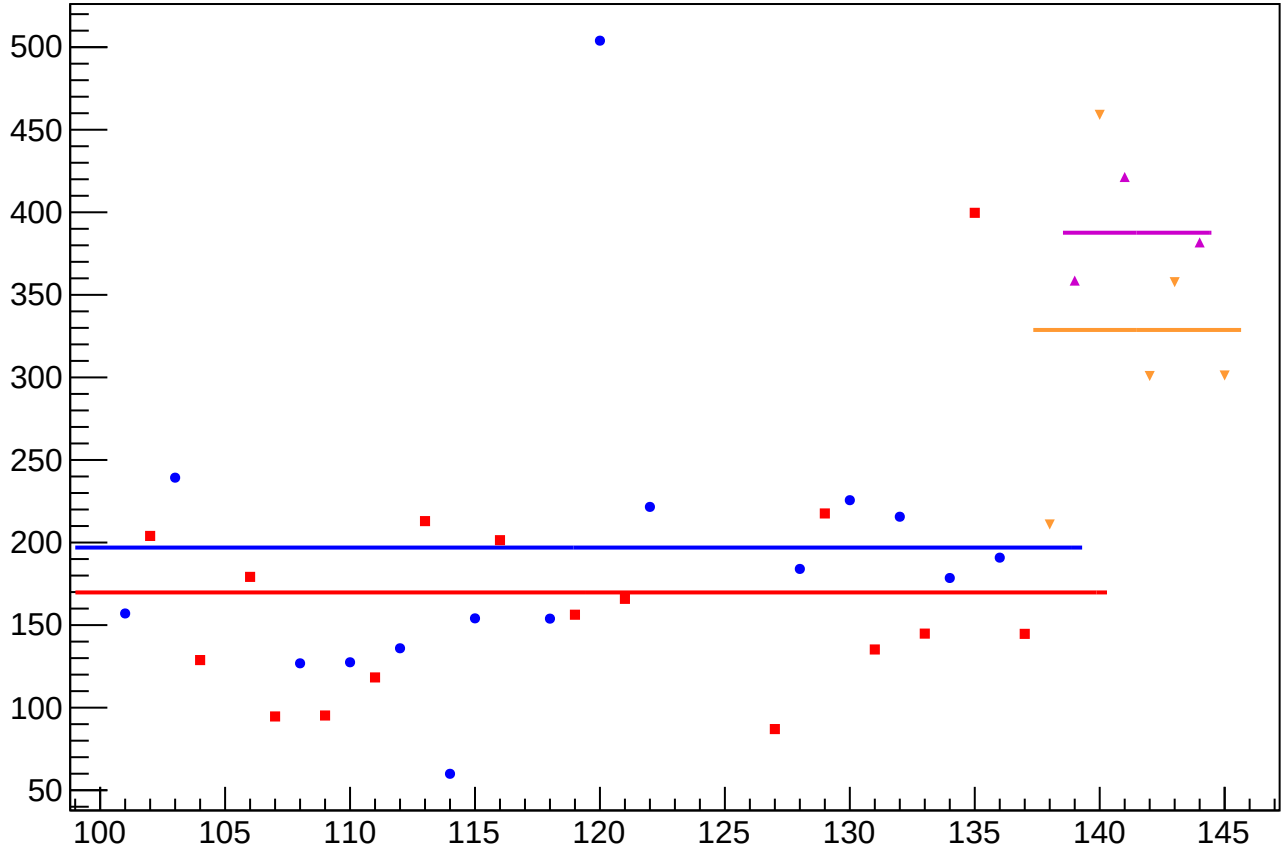
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
+ sign 4.152+/-0.000 χ^2/NDF: 1200926835124881 6
Left Out: -458.886+/-0.000 χ^2/NDF:1065677591270016545416056400473478922 24.0/4
All: 129.067+/-0.000 χ^2/NDF: 2414050339 39
Right Out: 352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
- sign 264.549+/-0.000 χ^2/NDF: 118059605501046
Left In: 35.001+/-0.000 χ^2/NDF:6120891285877404802532475100093585 8176.0/2

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000 χ^2/NDF: 448524516032965791462137242583878860 8.0/14

Left Out: 328.742+/-0.000 χ^2/NDF:2625342279135413983188851858815844352.0/4

Right Out: 169.778+/-0.000 χ^2/NDF: 389260944549484578449355864638541004 8.0/15

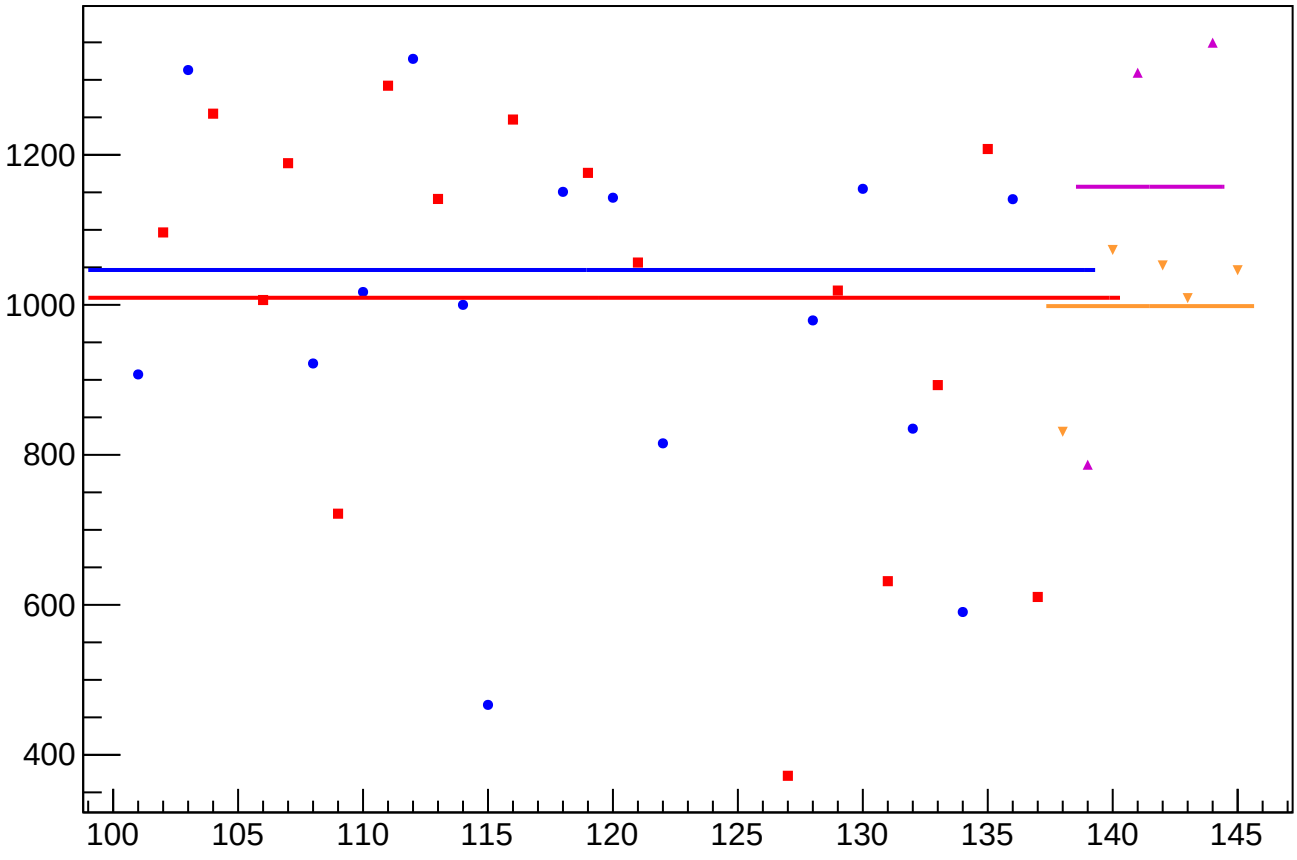
Left In: 387.628+/-0.000 χ^2/NDF:1679530390616061363420357555682017 28.0/2

+ sign 243.213+/-0.000 χ^2/NDF: 1106696112793 78

All: 236.889+/-0.000 χ^2/NDF: 2396578020 58

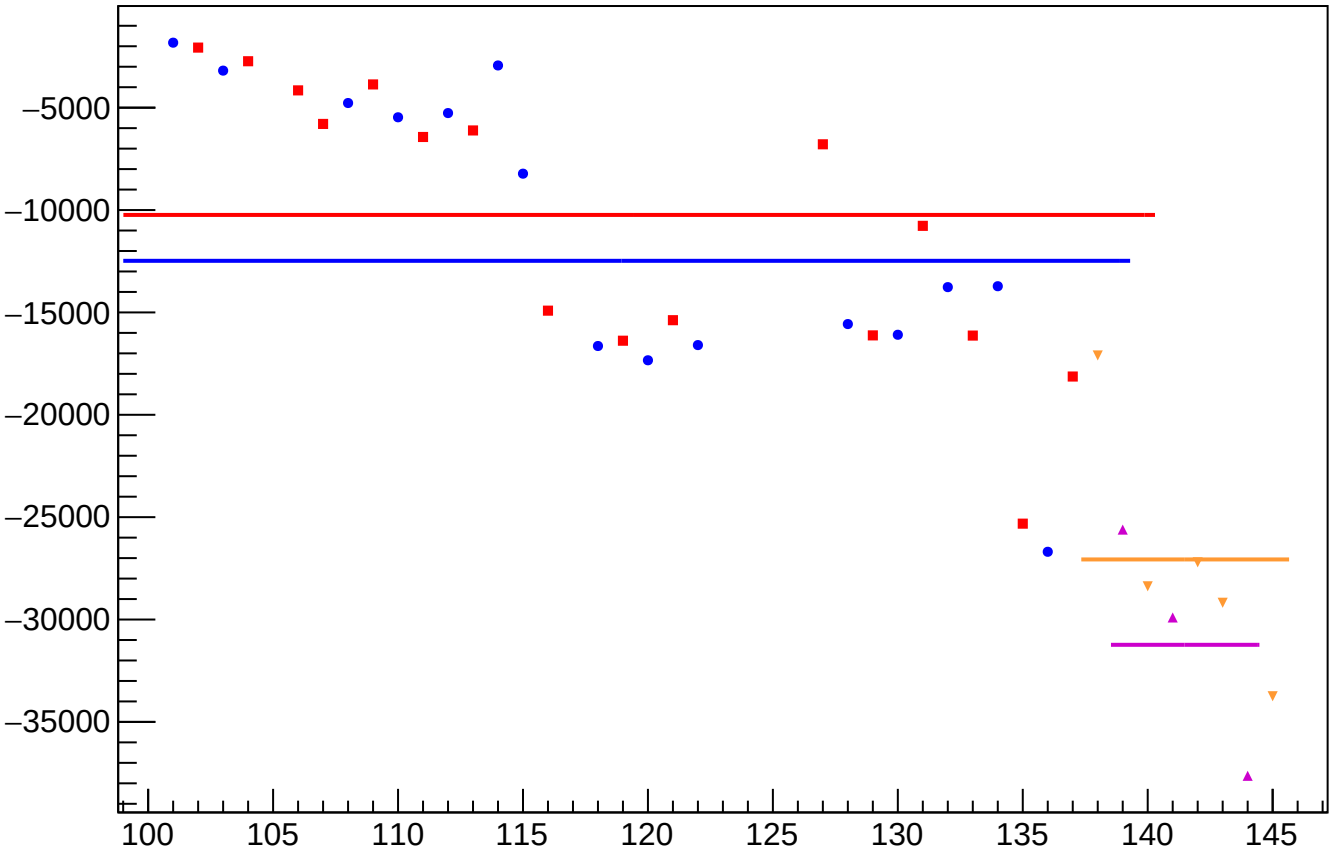
- sign 230.030+/-0.000 χ^2/NDF: 1281544860529 86

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Left Out: -27065.098+/-0.000 χ^2/NDF:116674463759938044328791675182212269998 08.0/4

Right Out: -10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

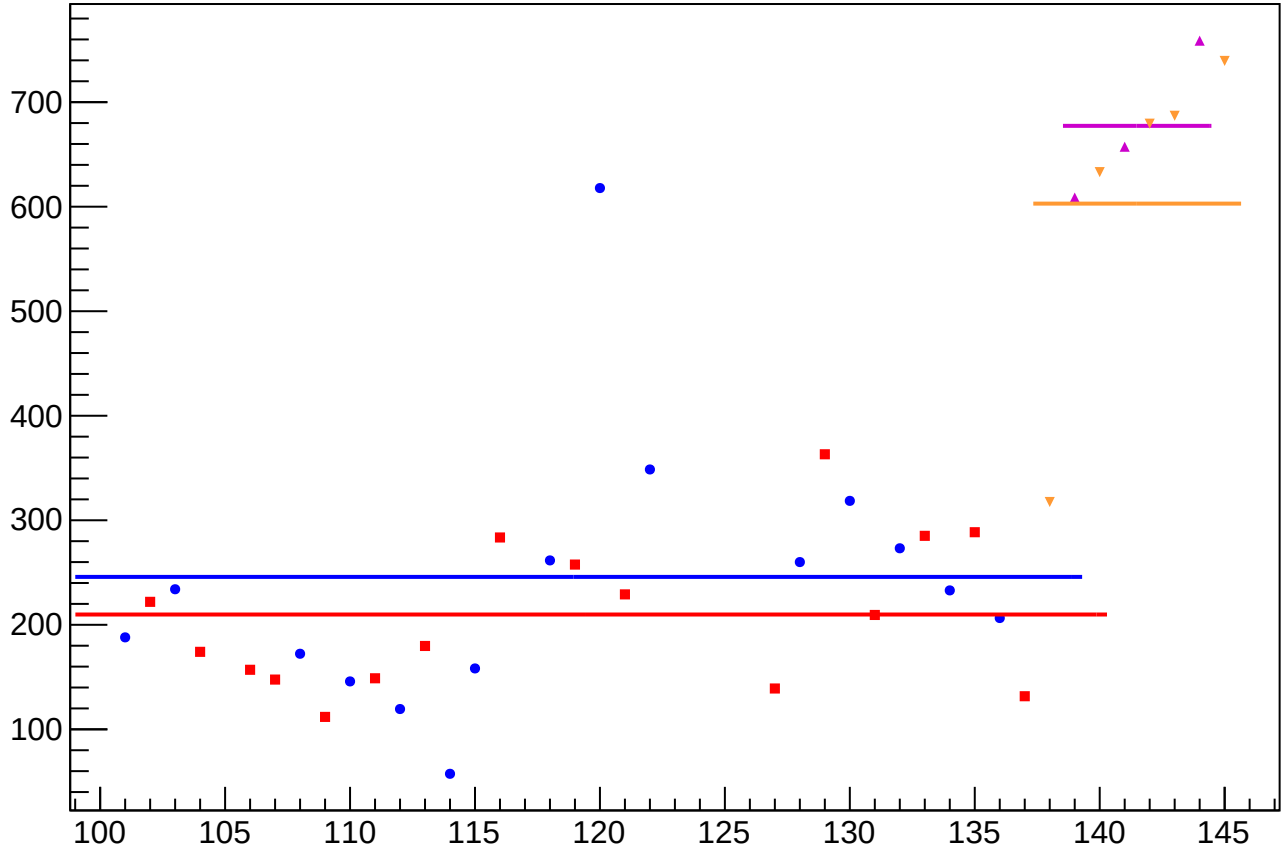
Left In: -31234.705+/-0.000 χ^2/NDF:635981673500714416941716847655917296025 6.0/2

+ sign -17599.144+/-0.000 χ^2/NDF: 101306945399

All: -16853.697+/-0.000 χ^2/NDF: 221379754

- sign -16045.185+/-0.000 χ^2/NDF: 118914414961 5

dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 602.941+/-0.000 χ^2/NDF:8625389137120146305045819139446276096.0/4

Right Out: 209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

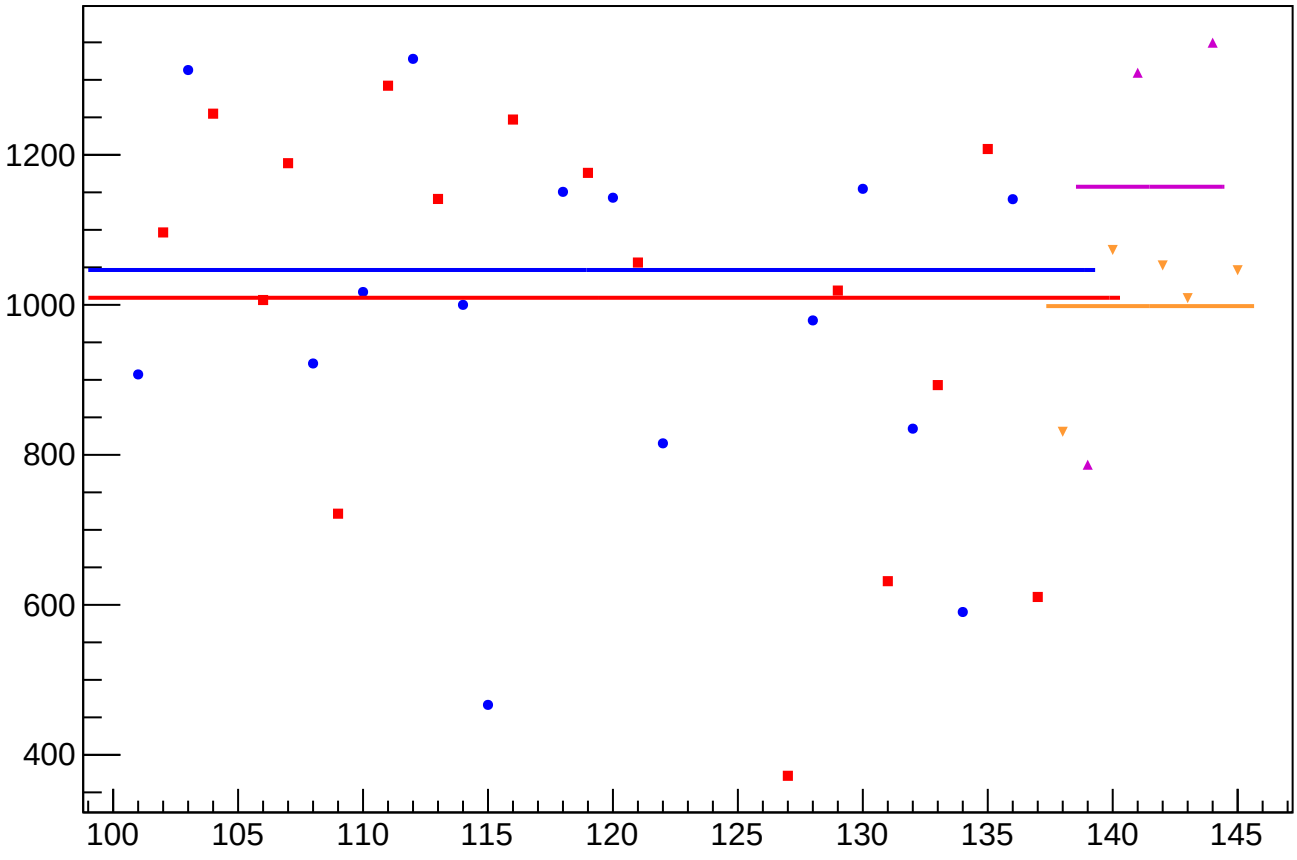
Left In: 677.338+/-0.000 χ^2/NDF:10059390755210322143619363050430136 32.0/2

+ sign 371.178+/-0.000 χ^2/NDF: 455040765216621

All: 355.809+/-0.000 χ^2/NDF: 904478784506

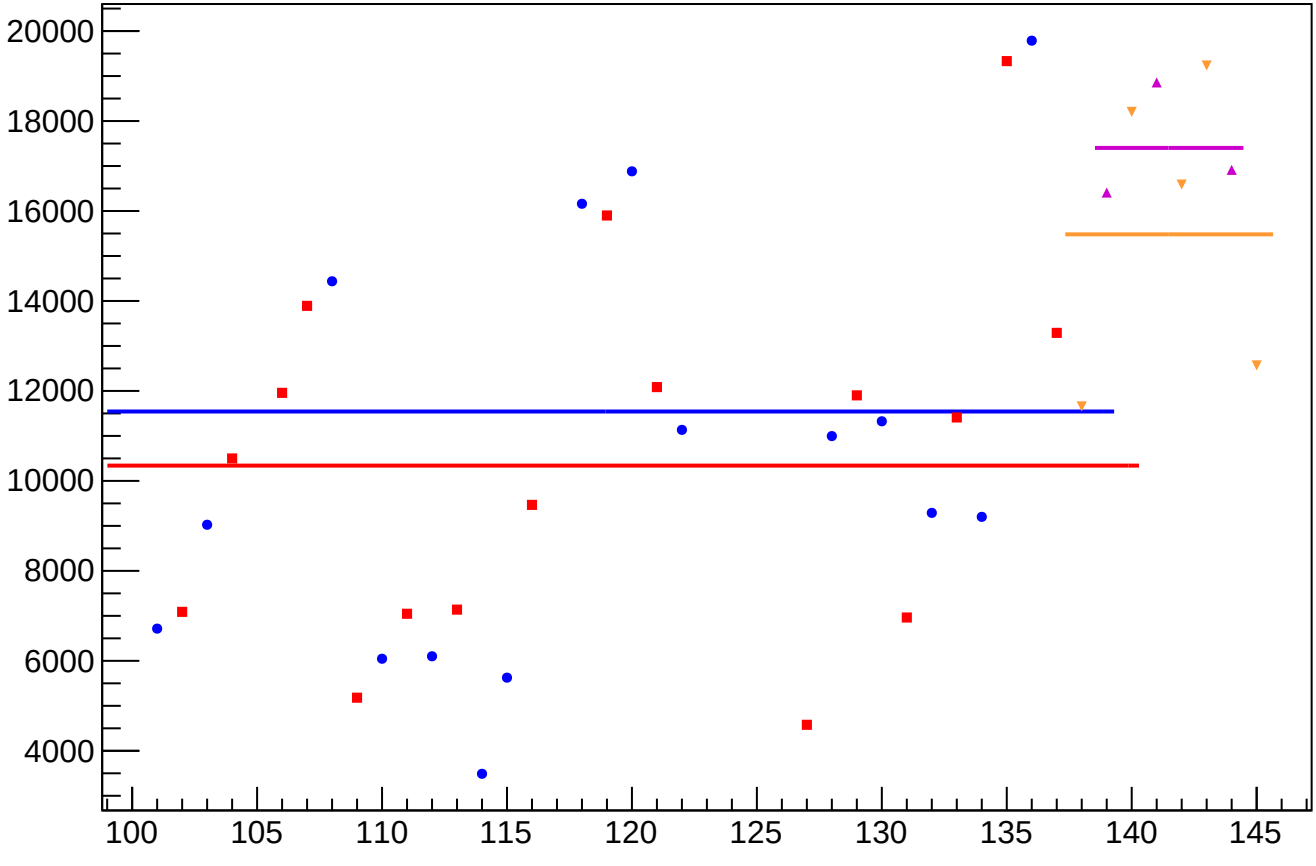
- sign 339.140+/-0.000 χ^2/NDF: 444514228872095

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Left Out: 15481.042+/-0.000 χ^2/NDF:341165225783674543423504825688034535014 4.0/4

Right Out: 10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

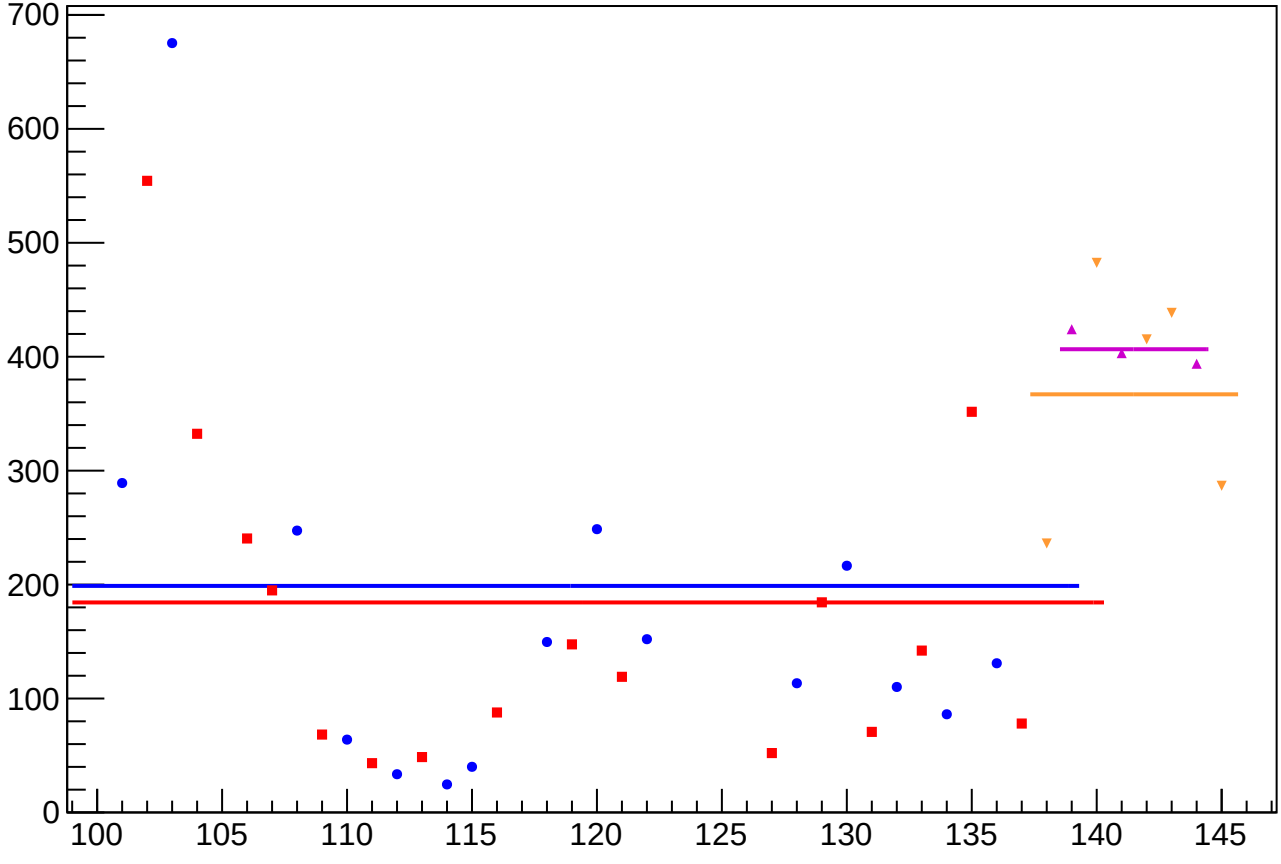
Left In: 17402.380+/-0.000 χ^2/NDF:281073058144716066175438130987740954624.0/2

+ sign 12925.096+/-0.000 χ^2/NDF: 211783740885 2

All: 12621.989+/-0.000 χ^2/NDF: 421129312 9

- sign 12293.239+/-0.000 χ^2/NDF: 207430362577 3

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14

Left Out: 367.007+/-0.000 χ^2/NDF:33809900304582261885355624322165637 12.0/4

Right Out: 184.328+/-0.000 χ^2/NDF: 14927434931395588601024961538372403200.0/15

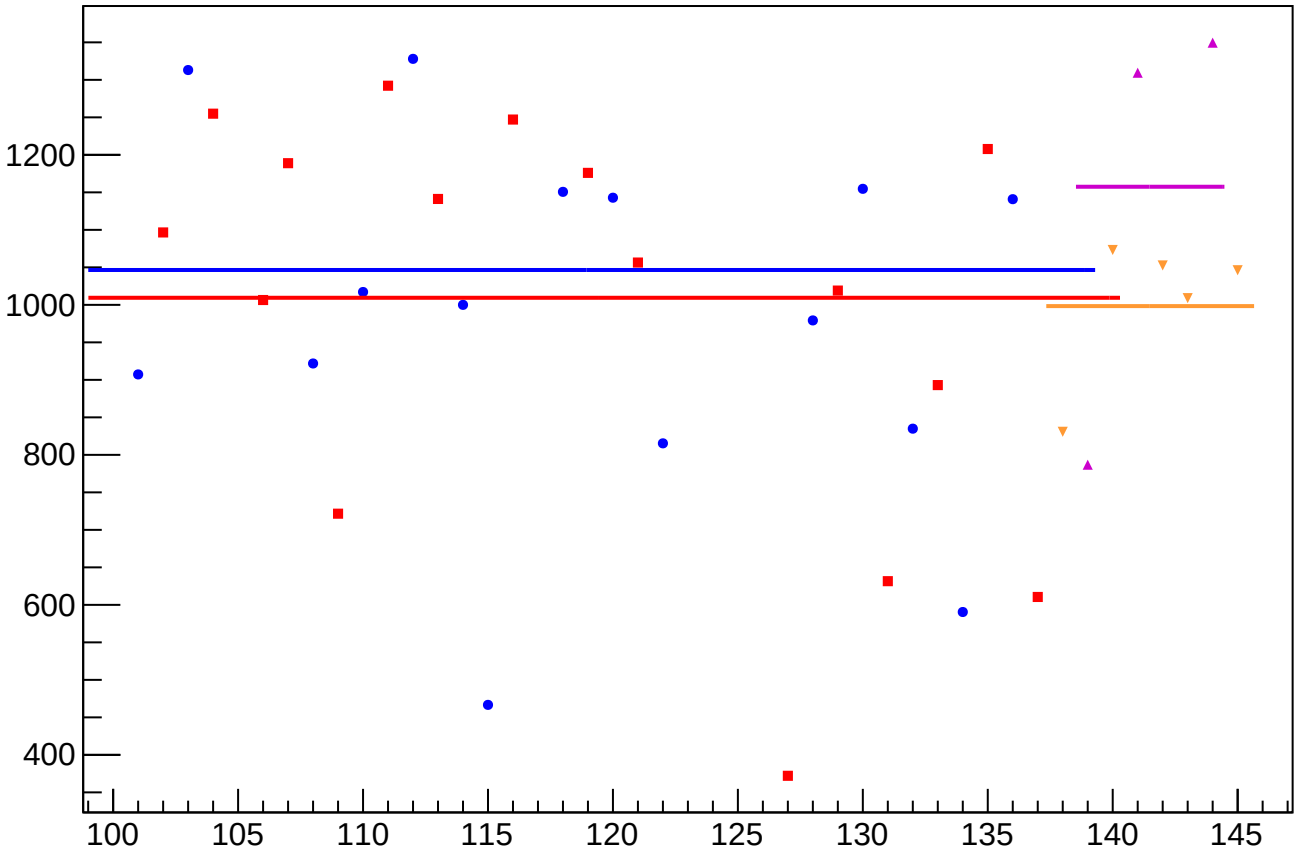
Left In: 406.581+/-0.000 χ^2/NDF:40390822946760289617034551278698496.0/2

+ sign 257.873+/-0.000 χ^2/NDF: 281563626098572

All: 252.080+/-0.000 χ^2/NDF: 52306490928

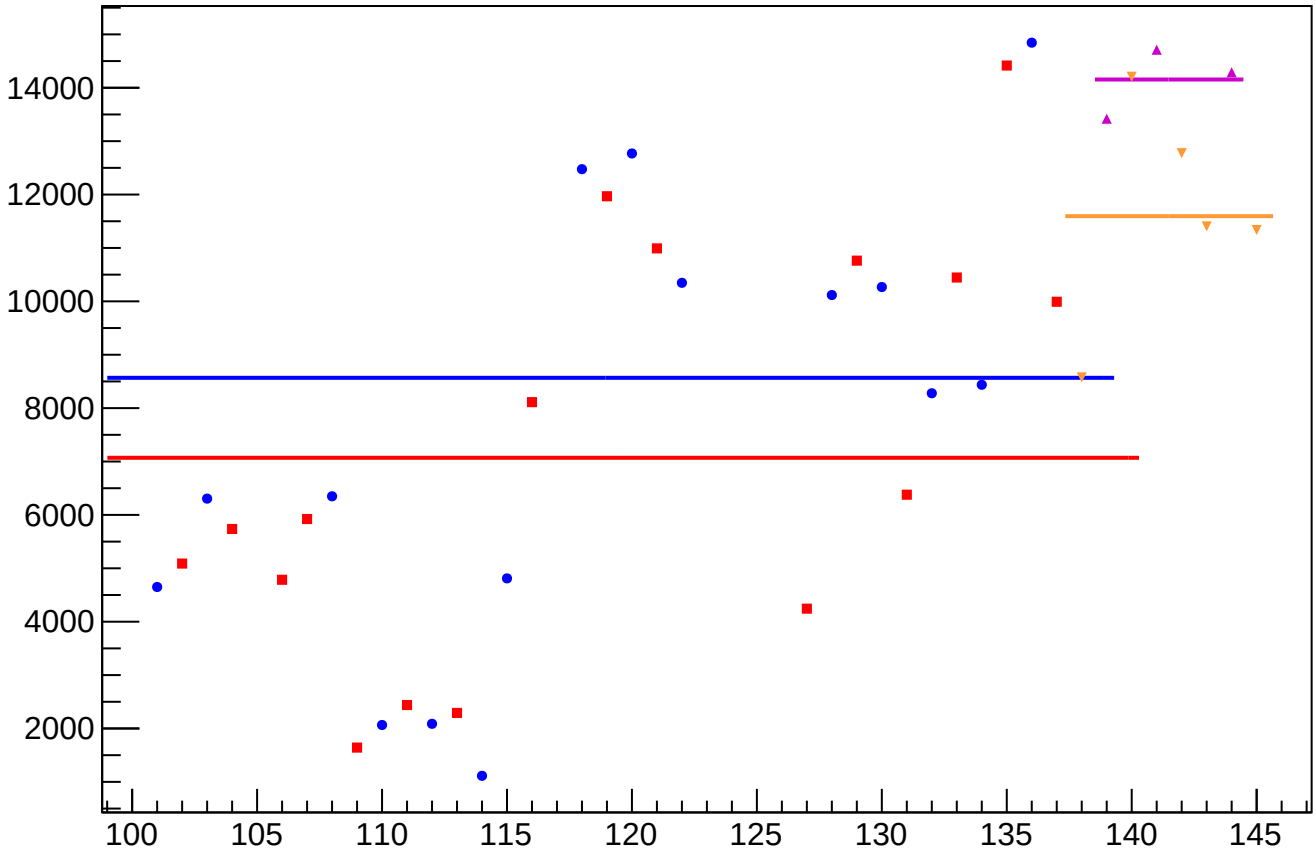
- sign 245.798+/-0.000 χ^2/NDF: 240801758879836

dit_sam7_coil1_Ndata_mean vs Slug



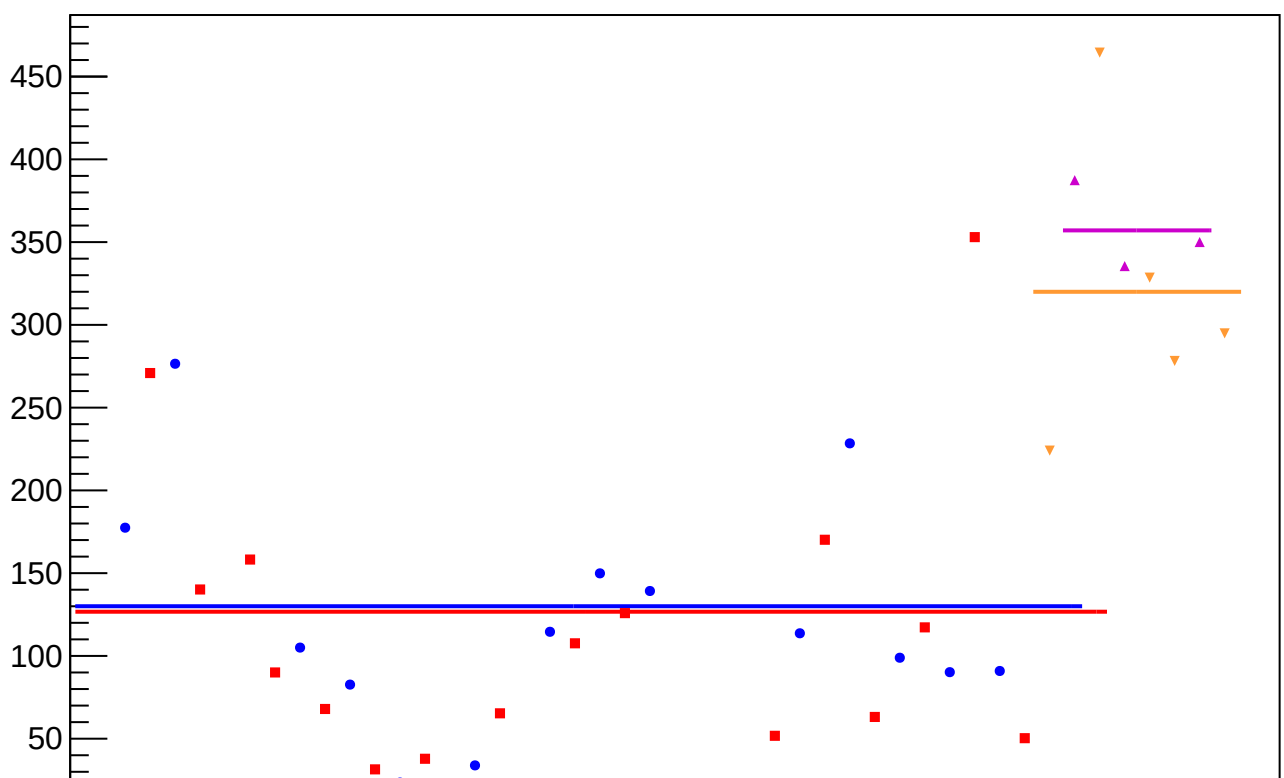
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14
+ sign 9630.333+/-0.000 χ^2/NDF: 1453590838632 1
Left Out: 11594.988+/-0.000 χ^2/NDF:1342318003047424539777112570548283506688.0/4
All: 9342.066+/-0.000 χ^2/NDF: 3411786667 9
Right Out: 7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15
- sign 9029.411+/-0.000 χ^2/NDF: 19408732314520
Left Out: 14154.920+/-0.000 χ^2/NDF:7169664130683735470517814917557806 6944.0/2

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

+ sign 196.698+/-0.000 χ^2/NDF: 139354436592205

Left Out: 319.985+/-0.000 χ^2/NDF:2599722677521614919688178424178802688.0/4

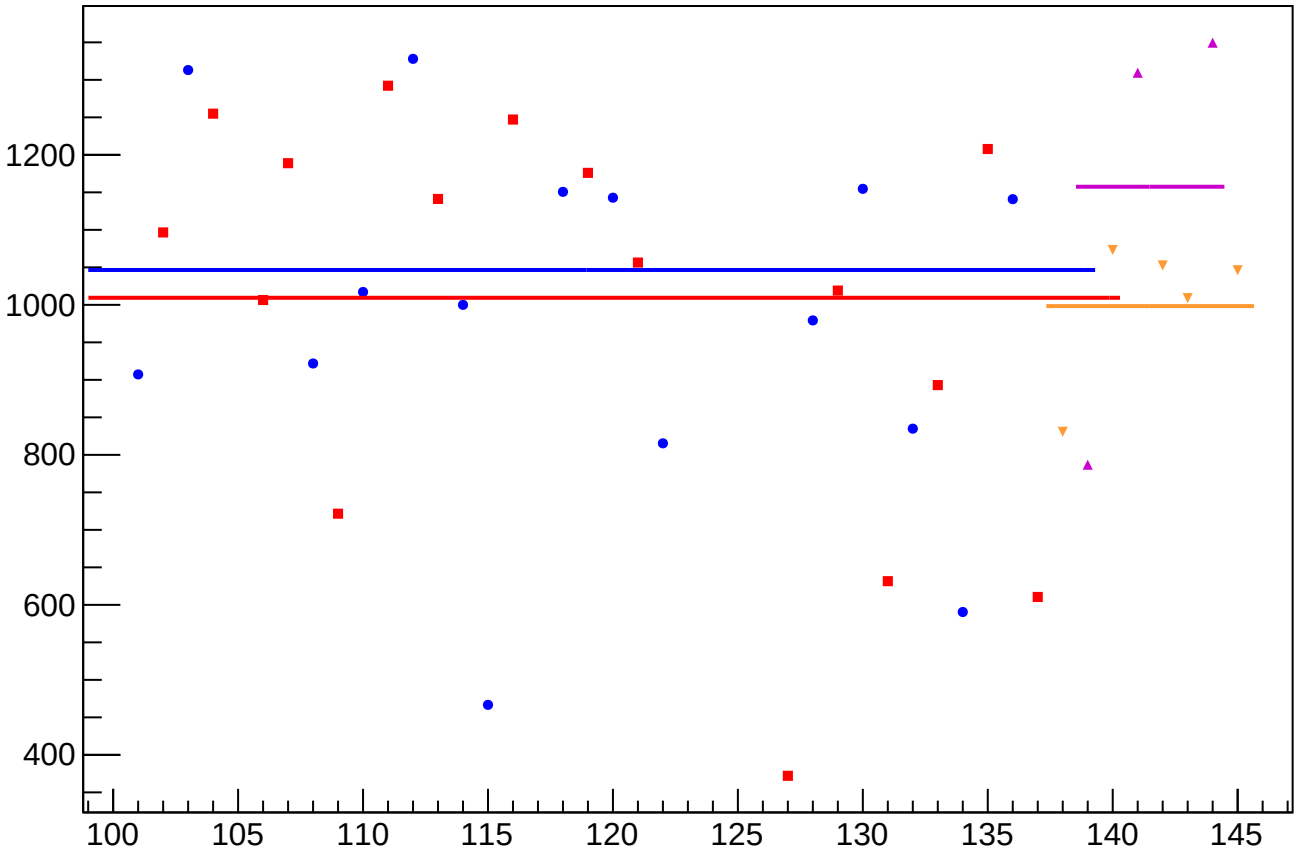
All: 193.688+/-0.000 χ^2/NDF: 29259939594

Right Out: 126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

- sign 190.422+/-0.000 χ^2/NDF: 153056025685008

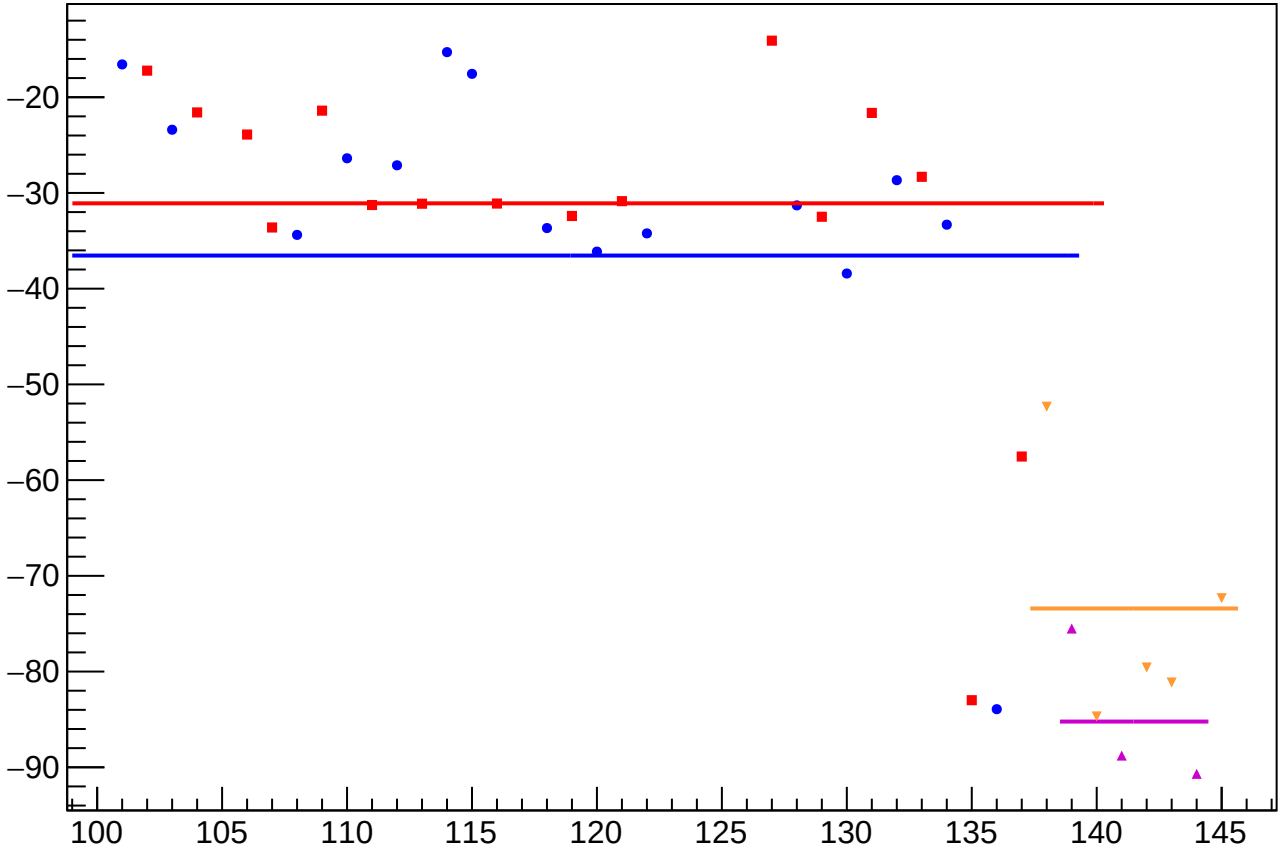
Left In: 357.077+/-0.000 χ^2/NDF:1185200800149617811629120794174423 04.0/2

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1029.590+/-0.000 χ^2/NDF: 2836525270137 3
Left Out: 998.342+/-0.000 χ^2/NDF:297053519458341848041839076632743116 8.0/4
All: 1039.567+/-0.000 χ^2/NDF: 9359123054 9
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1050.388+/-0.000 χ^2/NDF: 6501847090025 6
Left In: 1157.482+/-0.000 χ^2/NDF:1637294464824844956639395397353288499 2.0/2

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

+ sign -49.481+/-0.000 χ^2/NDF: 614938680068354

Left Out: -73.409+/-0.000 χ^2/NDF:5093187172096671509635369366926131 2.0/4

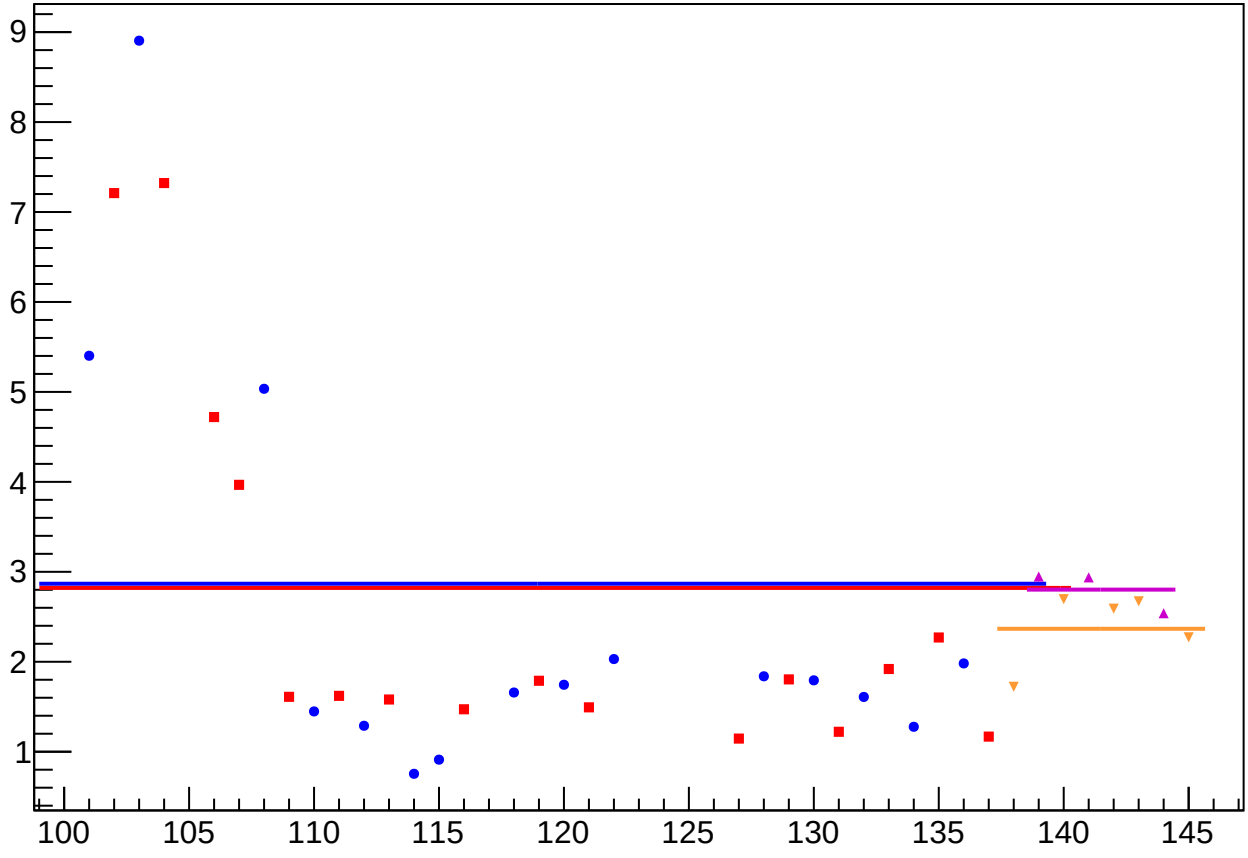
All: -47.839+/-0.000 χ^2/NDF: 135392114521

Right Out: -31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

- sign -46.059+/-0.000 χ^2/NDF: 7333636000958931

Left In: -85.224+/-0.000 χ^2/NDF:1137541112129477680289474218767155 2.0/2

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

+ sign 2.692+/-0.000 χ^2/NDF: 3563158616388704

Left Out: 2.367+/-0.000 χ^2/NDF:5055409292743570246947924082688 0.0/4

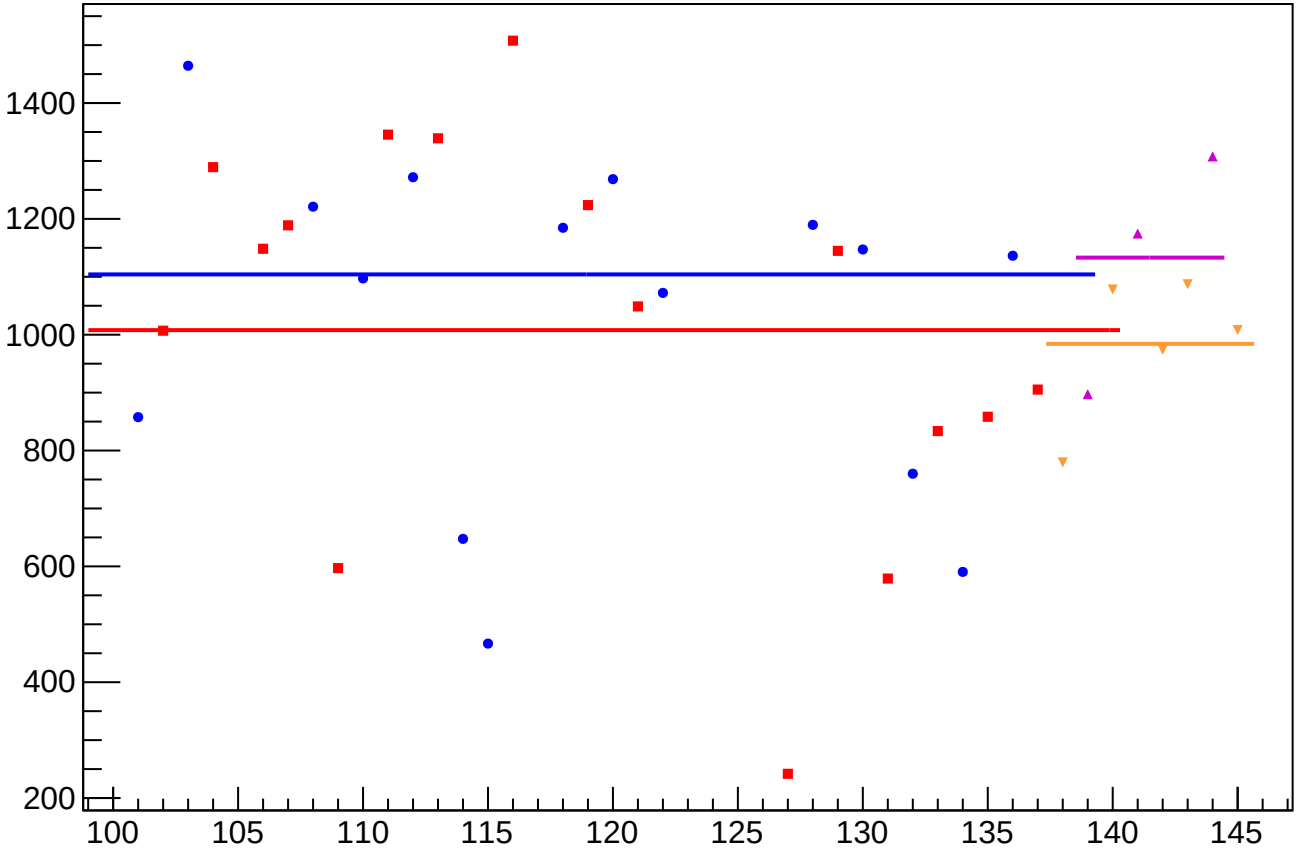
All: 2.751+/-0.000 χ^2/NDF: 6632974827547

Right Out: 2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

- sign 2.816+/-0.000 χ^2/NDF: 30624302487692601

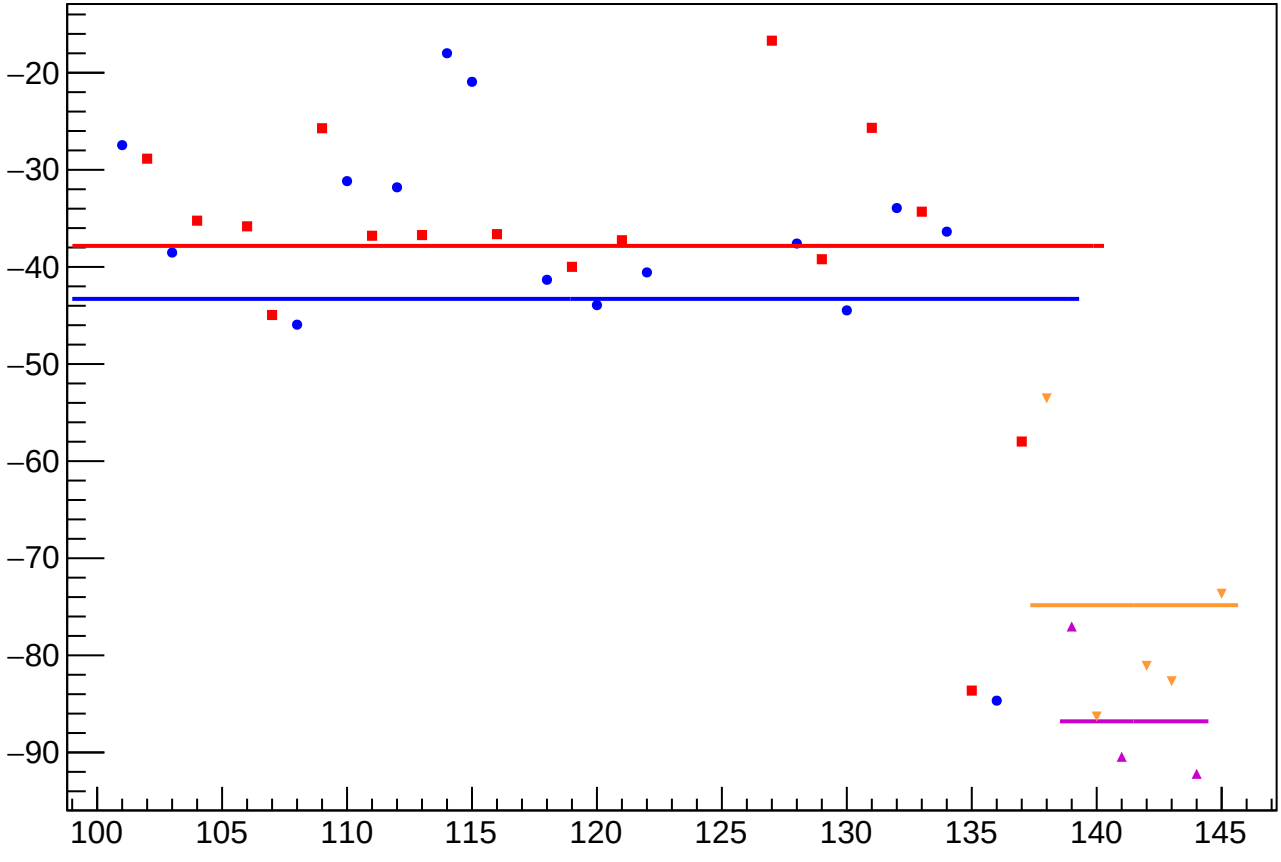
Left In: 2.802+/-0.000 χ^2/NDF:9415737876637926204190557732864.0/2

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Left Out: -74.837+/-0.000 χ^2/NDF:52182631644586394499840281275269120.0/4

Right Out: -37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

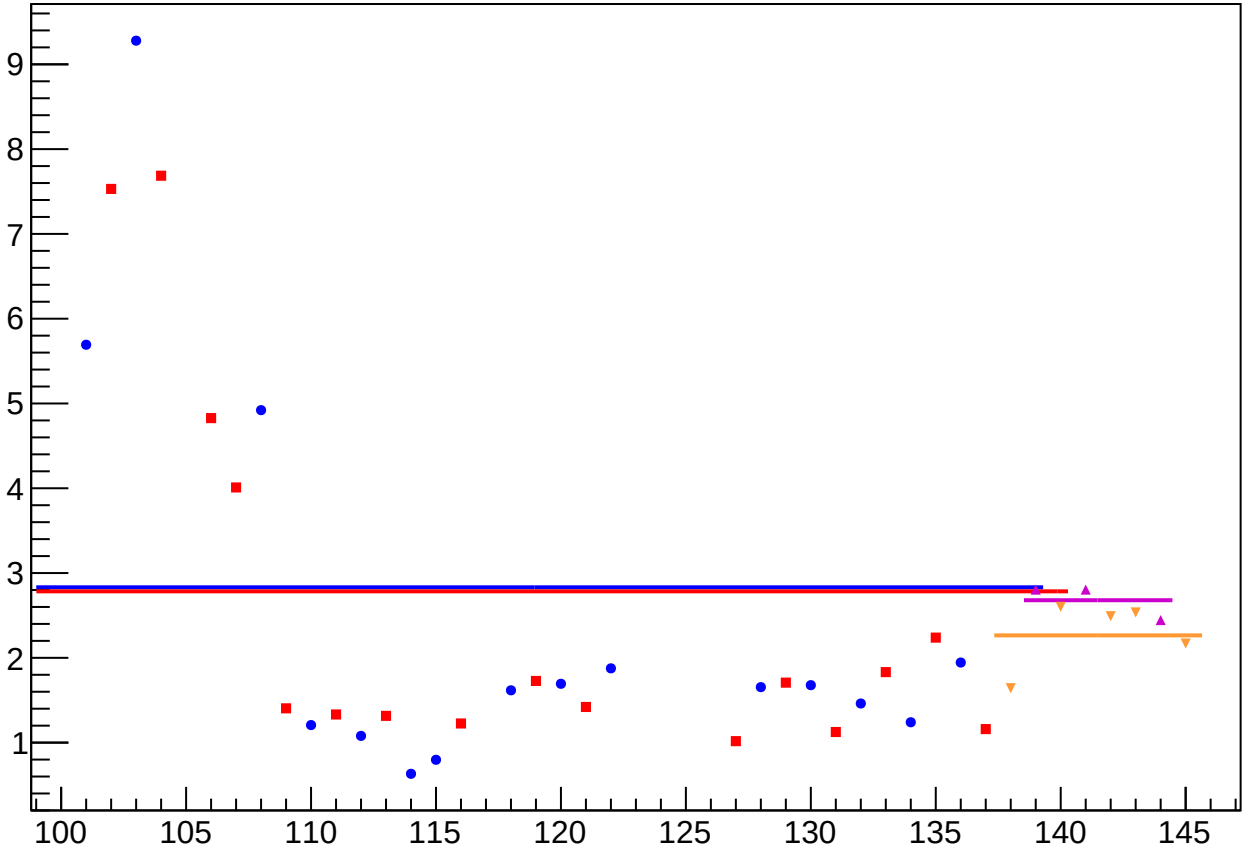
Left In: -86.796+/-0.000 χ^2/NDF:114591249768667213238949836687933 44.0/2

+ sign -54.363+/-0.000 χ^2/NDF: 478236142631992

All: -52.929+/-0.000 χ^2/NDF: 108492106297

- sign -51.374+/-0.000 χ^2/NDF: 602401162921742 6

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

+ sign 2.633+/-0.000 χ^2/NDF: 4078444912228115 2

Left Out: 2.265+/-0.000 χ^2/NDF:4752721745848690772394817198489 6.0/4

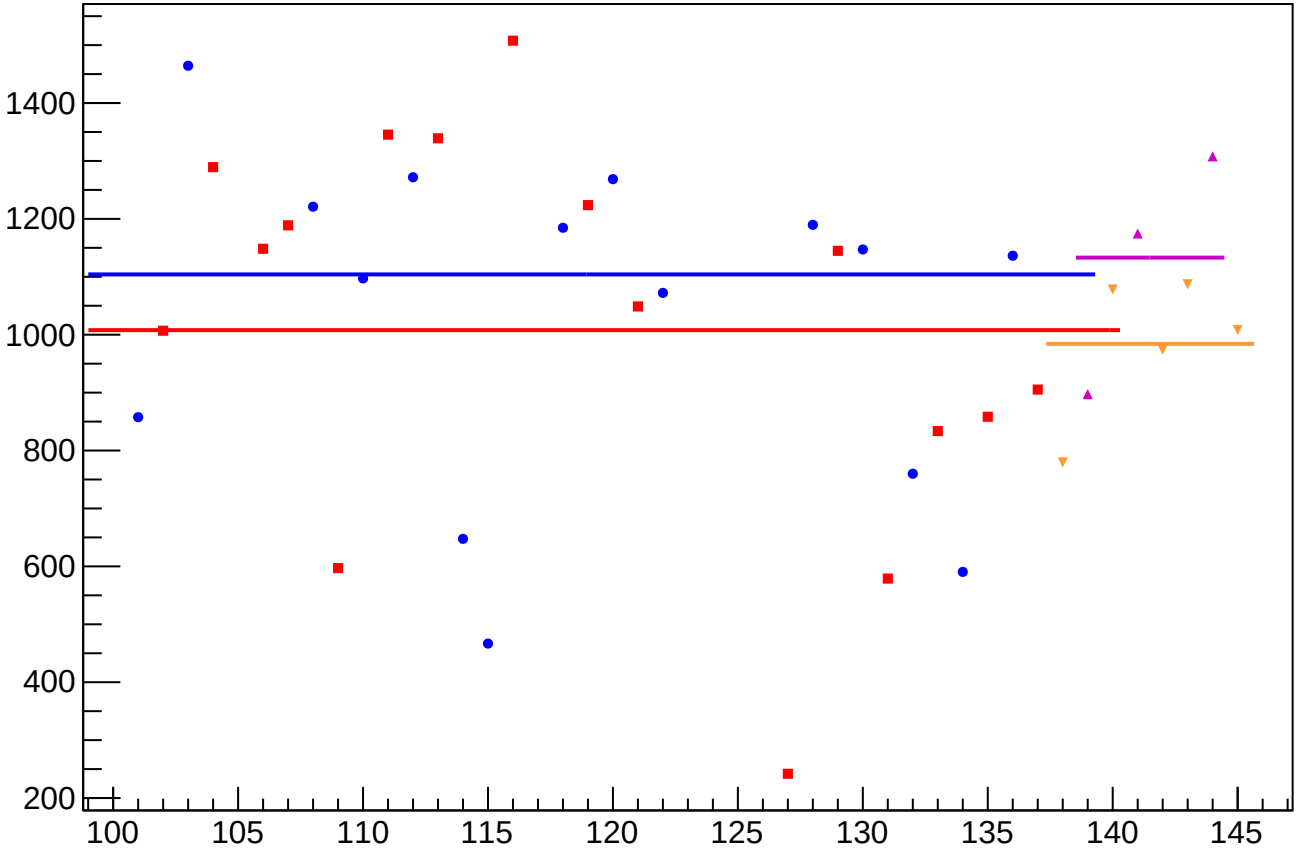
All: 2.692+/-0.000 χ^2/NDF: 7684692064091 2

Right Out: 2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

- sign 2.755+/-0.000 χ^2/NDF: 35990580629155771

Left In: 2.679+/-0.000 χ^2/NDF:7487411209604169055203036758016.0/2

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040

Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4

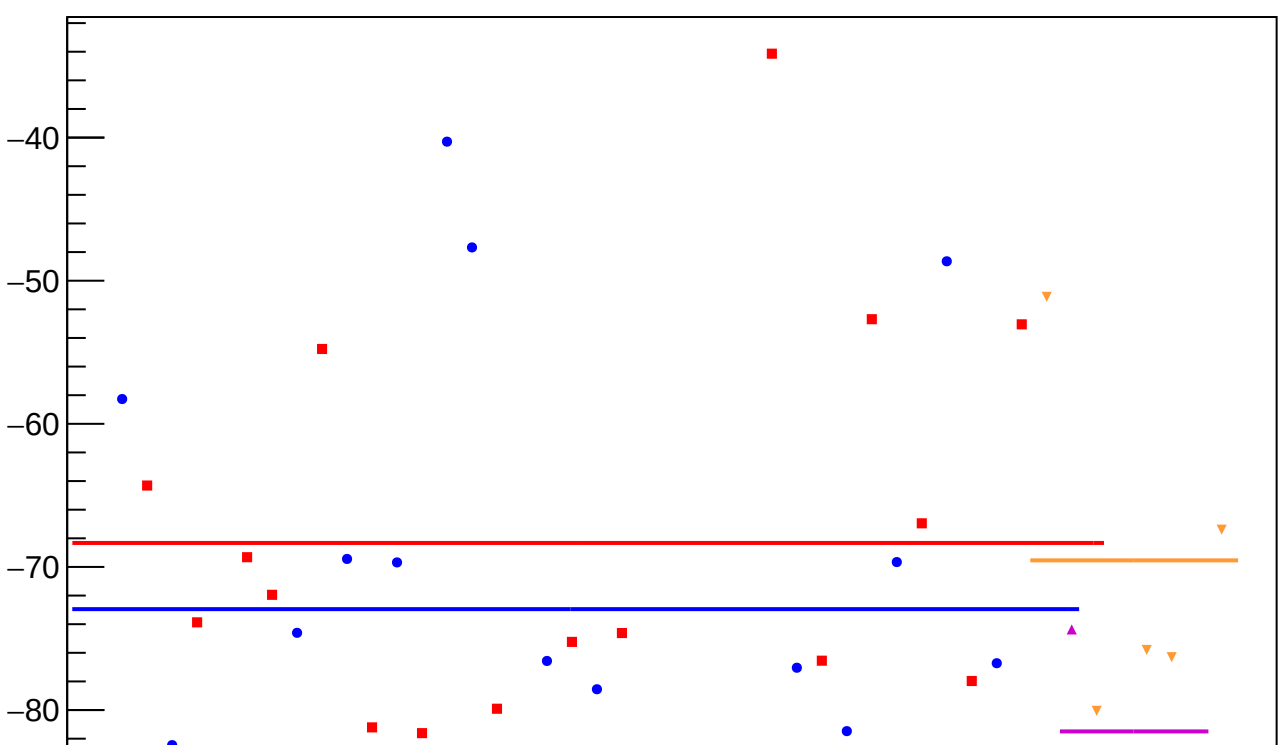
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083

Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF: 657554284648579803068791262910873 60.0/14

+ sign -71.752+/-0.000 χ^2/NDF: 109136835524511

Left Out: -69.540+/-0.000 χ^2/NDF:407339459132526287214411588598497 28.0/4

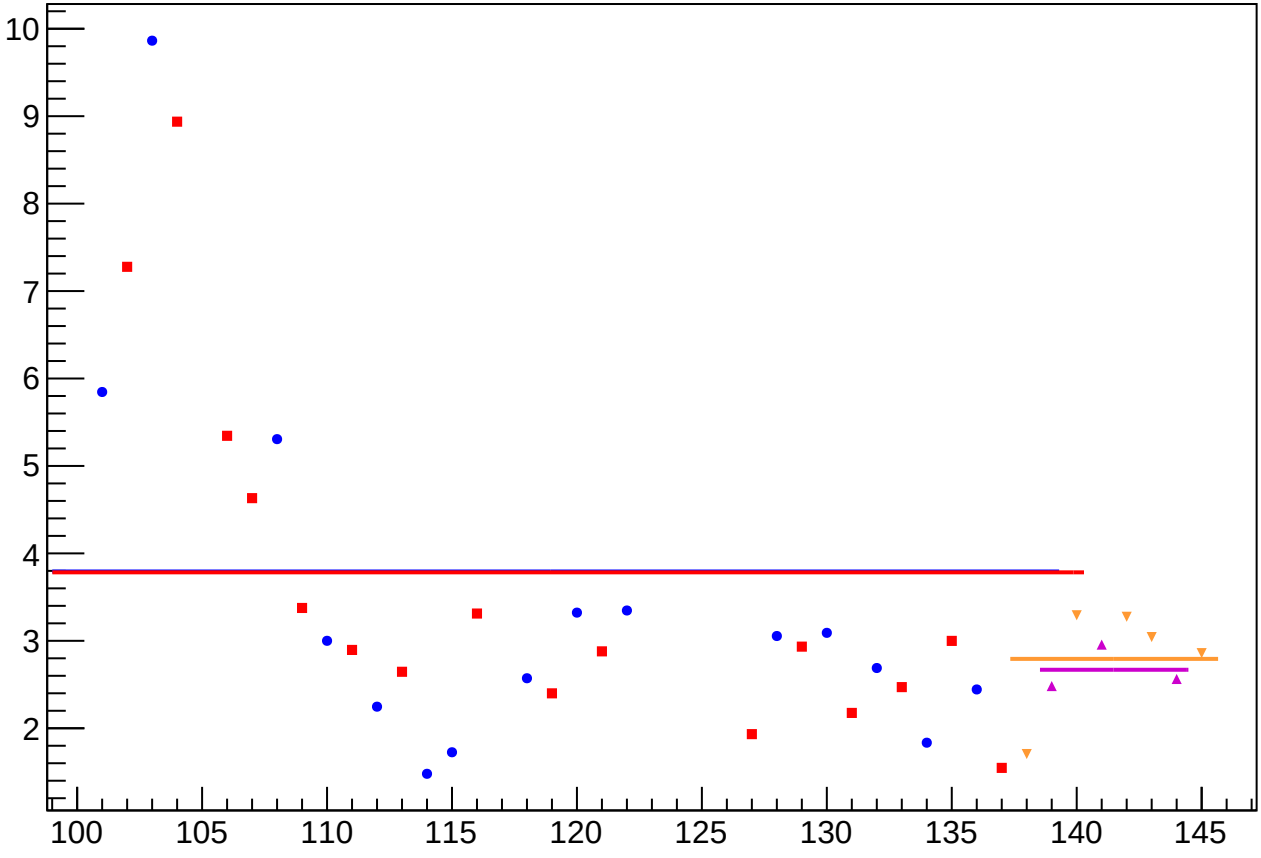
All: -71.855+/-0.000 χ^2/NDF: 253925499366

Right Out: -68.324+/-0.000 χ^2/NDF: 106694344898202364483367131372584960.0/15

- sign -71.966+/-0.000 χ^2/NDF: 1447668353214408

Left In: -81.492+/-0.000 χ^2/NDF:608222458646623195903494130237 4400.0/2

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

+ sign 3.442+/-0.000 χ^2/NDF: 3560841674335285 3

Left Out: 2.793+/-0.000 χ^2/NDF:1279546427328304787687432383365 12.0/4

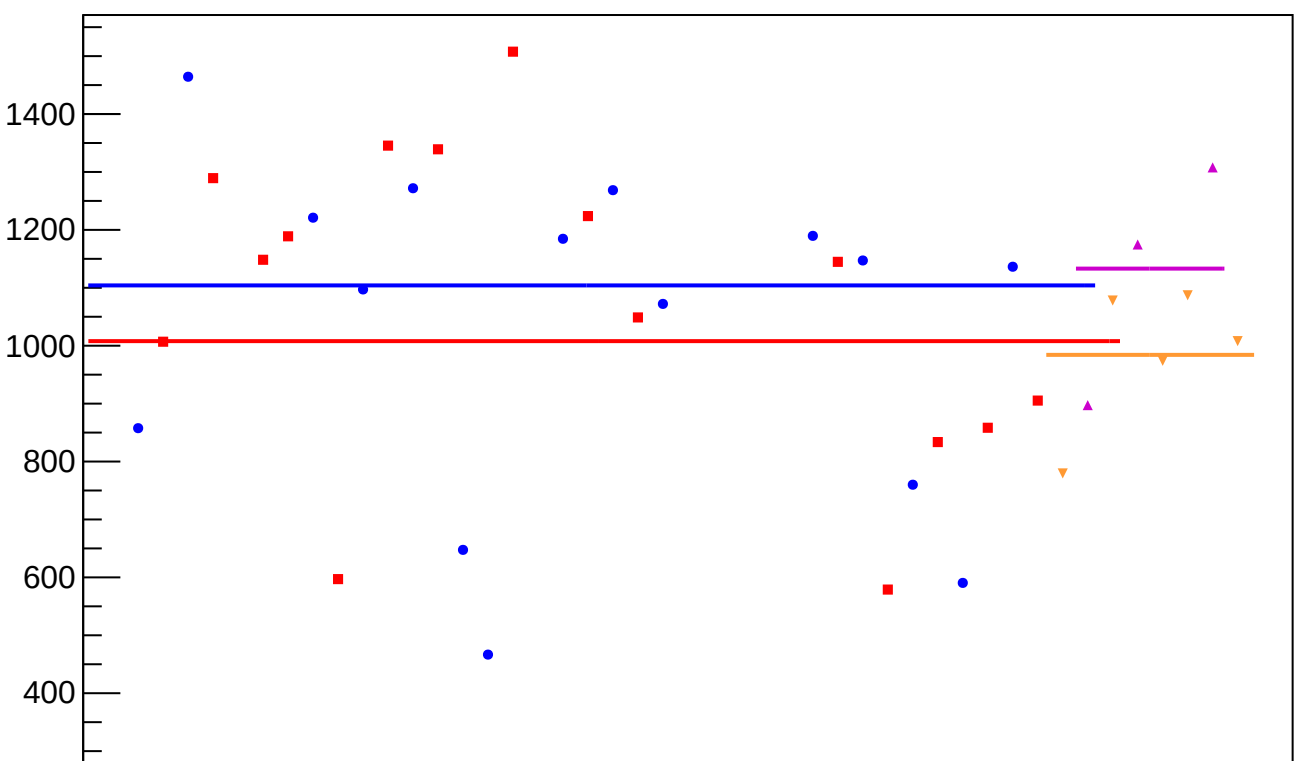
All: 3.458+/-0.000 χ^2/NDF: 6679803767780 7

Right Out: 3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

- sign 3.475+/-0.000 χ^2/NDF: 3118441485631011 7

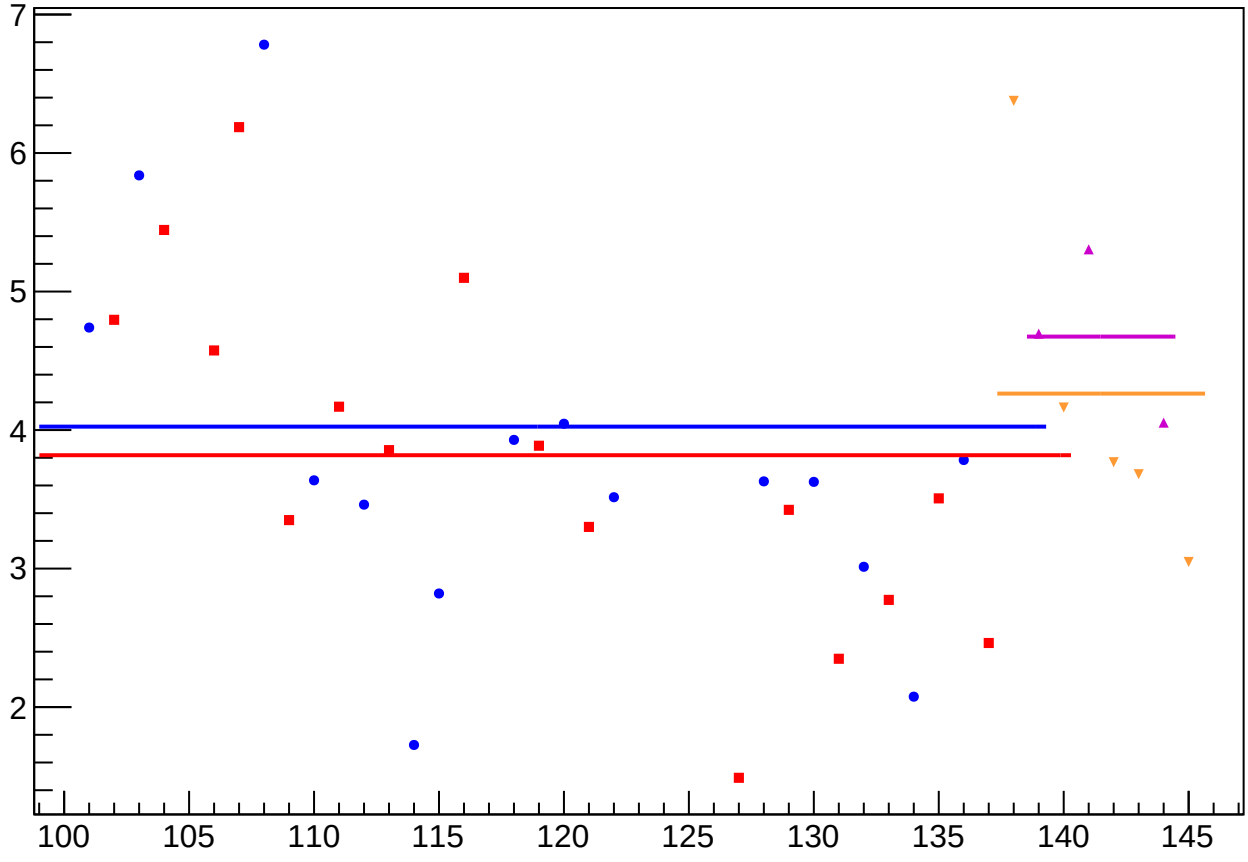
Left In: 2.669+/-0.000 χ^2/NDF:1083164426383158105440585252864 0.0/2

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Left Out: 4.263+/-0.000 χ^2/NDF:498389541096079555547979254333440.0/4

Right Out: 3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

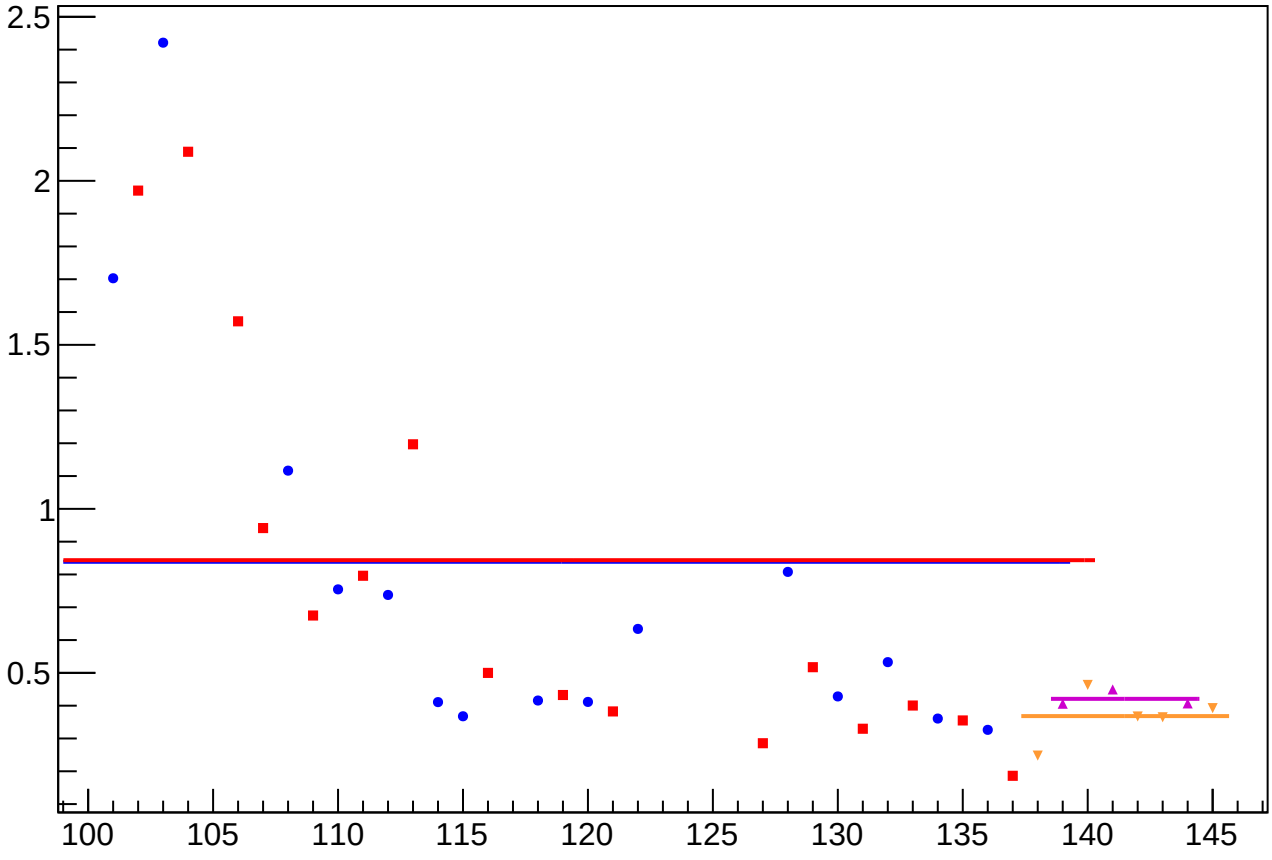
Left In: 4.675+/-0.000 χ^2/NDF:681091009715424529560708422041 60.0/2

+ sign 4.109+/-0.000 χ^2/NDF: 1280347666525972 7

All: 4.083+/-0.000 χ^2/NDF: 2373308884572 4

- sign 4.055+/-0.000 χ^2/NDF: 10916039933260185

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Left Out: 0.368+/-0.000 χ^2/NDF:191841613206232098262360889753 6.0/4

Right Out: 0.844+/-0.000 χ^2/NDF: 252917509393432760240648918925312.0/15

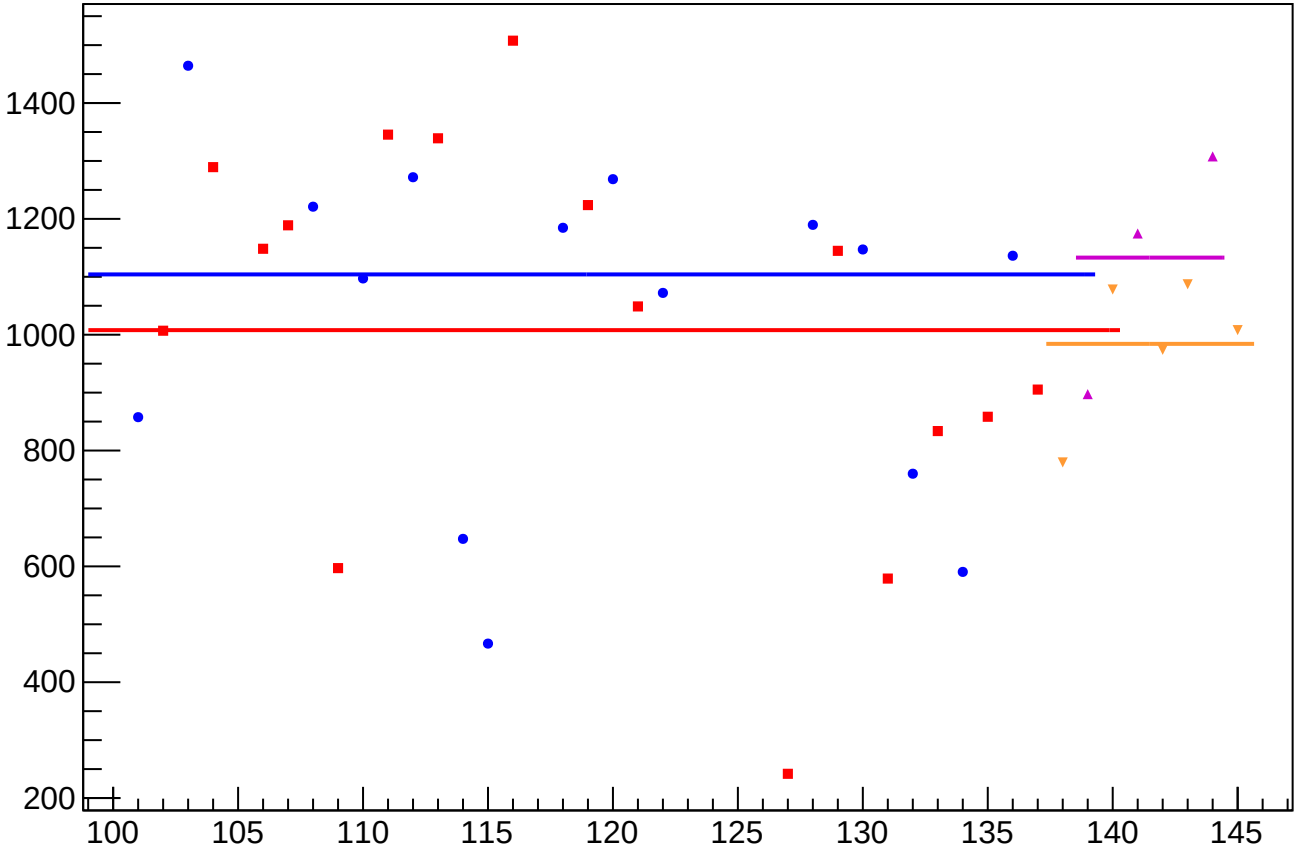
Left In: 0.421+/-0.000 χ^2/NDF:105063295837015833123747790848.0/2

+ sign 0.674+/-0.000 χ^2/NDF: 3107580379729569 5

All: 0.699+/-0.000 χ^2/NDF: 5980957854902 8

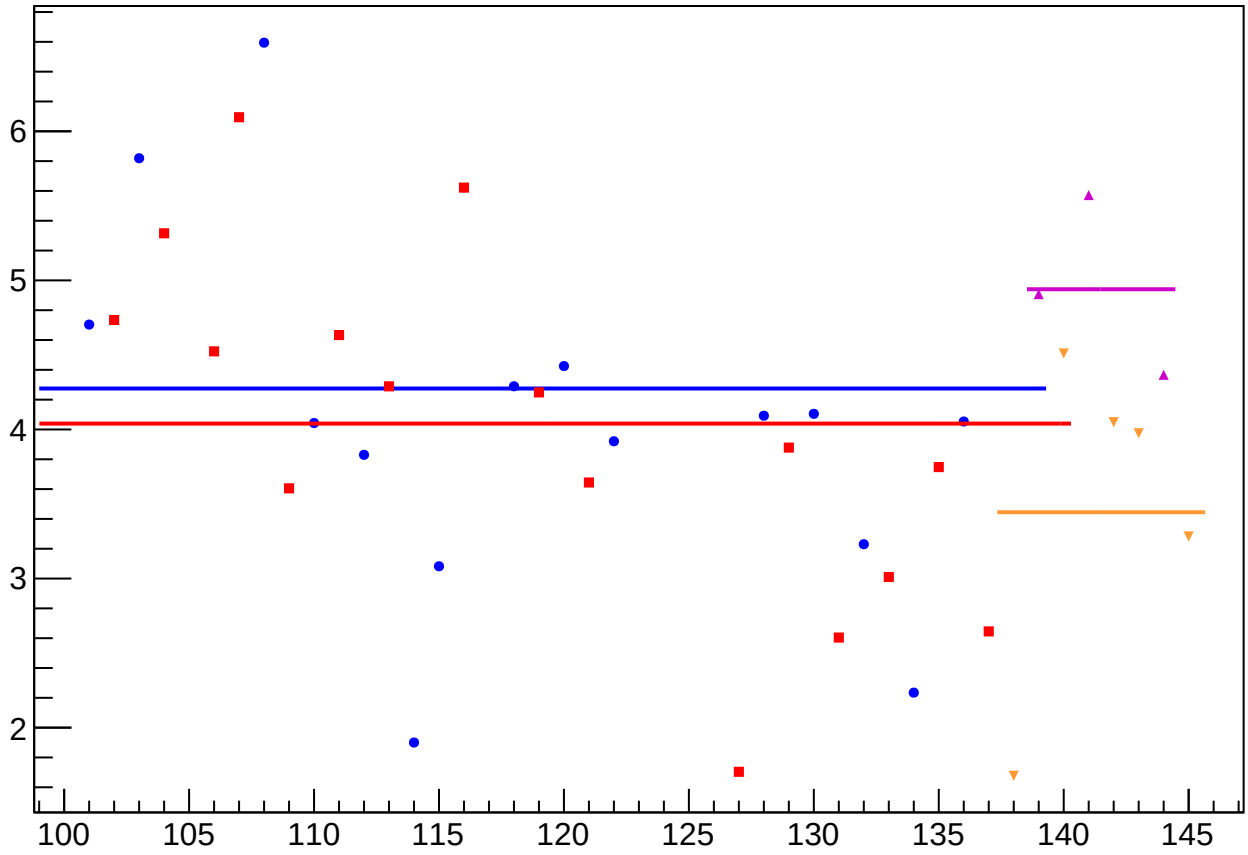
- sign 0.727+/-0.000 χ^2/NDF: 2859873379890949 0

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

+ sign 3.983+/-0.000 χ^2/NDF: 1128529181135973 9

Left Out: 3.445+/-0.000 χ^2/NDF:374427287368933192281042773344256.0/4

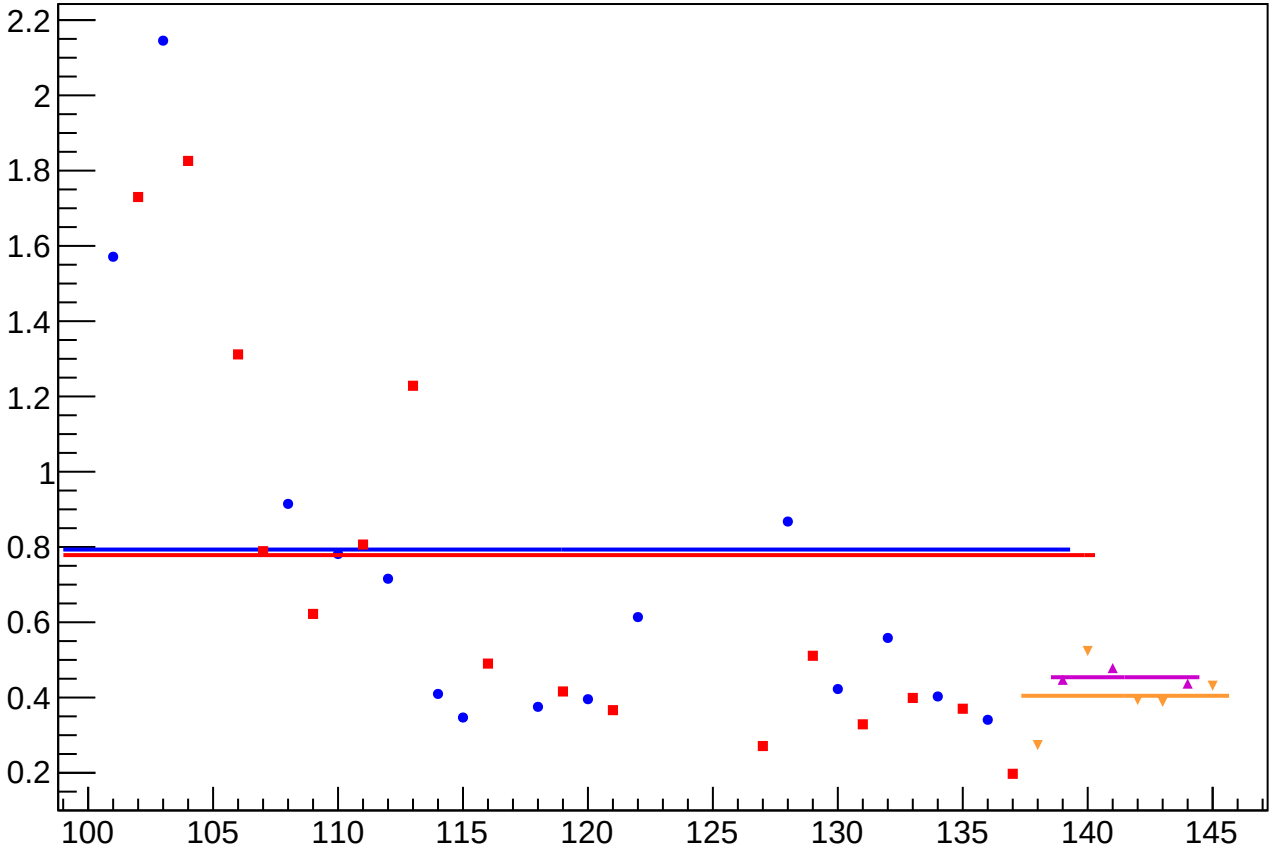
All: 4.130+/-0.000 χ^2/NDF: 2158639443422 5

Right Out: 4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

- sign 4.289+/-0.000 χ^2/NDF: 9854292043146062 5

Left In: 4.940+/-0.000 χ^2/NDF:6329638977115348307653178477772 8.0/2

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF: 19550877717358948344031470000537 6.0/14

Left Out: 0.405+/-0.000 χ^2/NDF:2581515730087302087088978001920.0/4

Right Out: 0.778+/-0.000 χ^2/NDF: 1858146357721833060639036906387 2.0/15

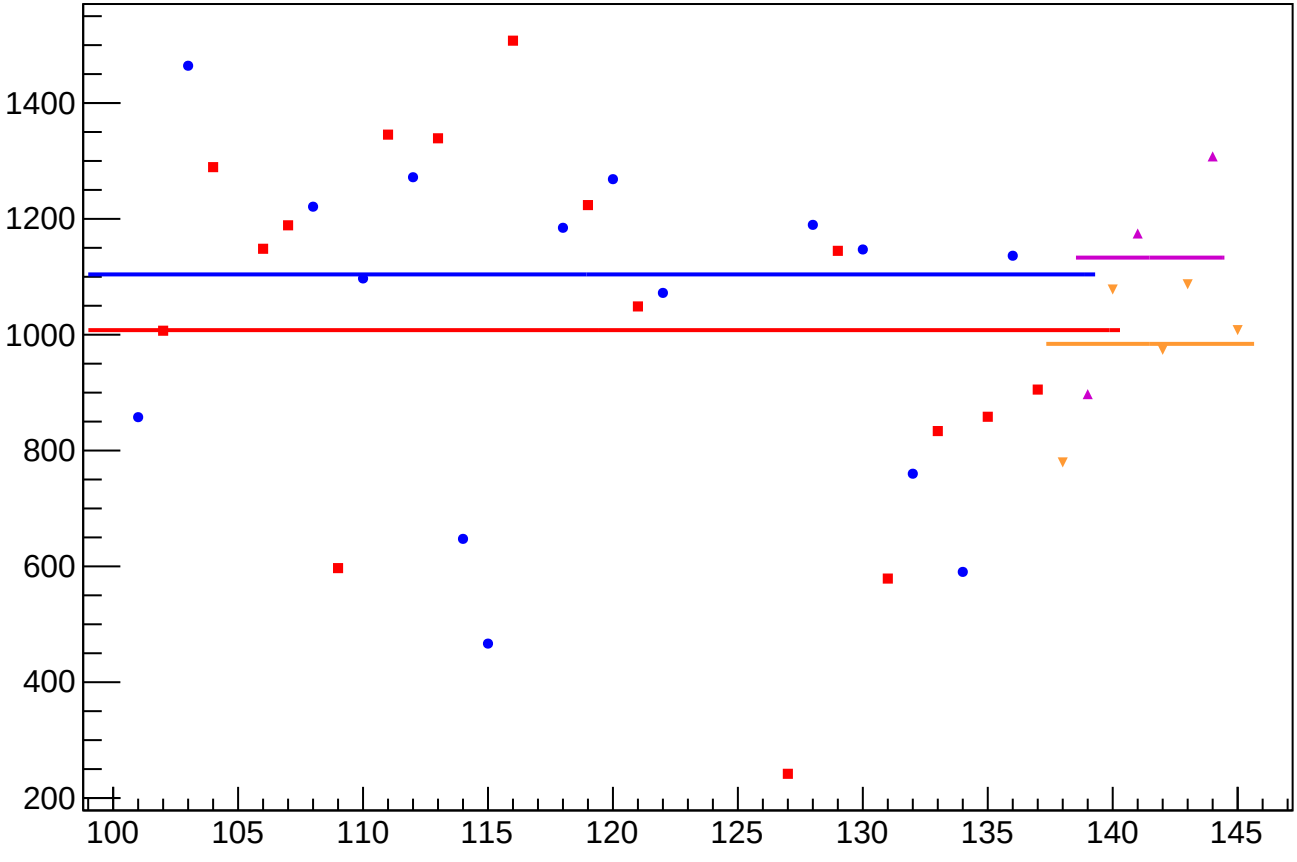
Left In: 0.454+/-0.000 χ^2/NDF:7954489294535780045254400409 6.0/2

+ sign 0.657+/-0.000 χ^2/NDF: 2324784690597470 8

All: 0.672+/-0.000 χ^2/NDF: 4382770502596 1

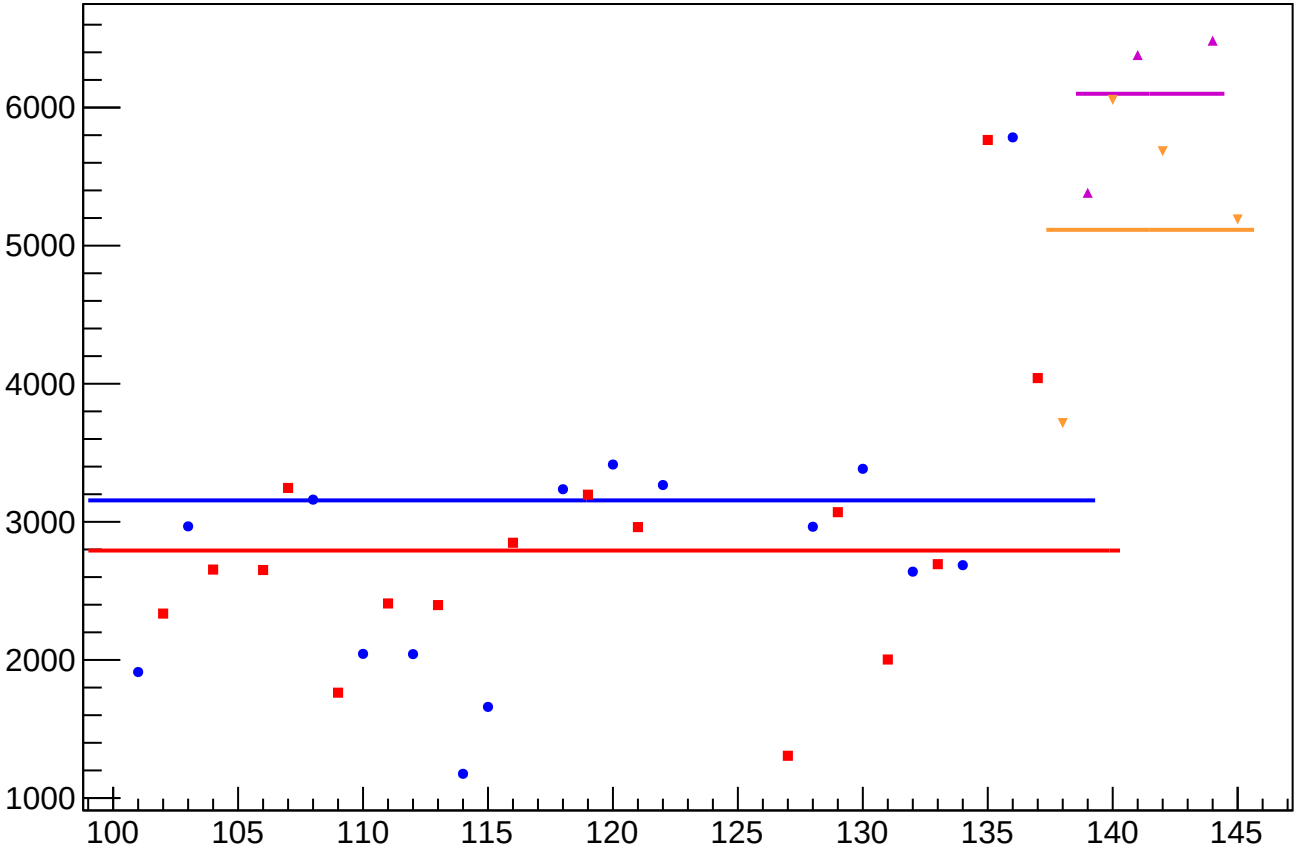
- sign 0.689+/-0.000 χ^2/NDF: 20531210914131706

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

+ sign 3751.808+/-0.000 χ^2/NDF: 1902557567221 3

Left Out: 5114.649+/-0.000 χ^2/NDF:2406991340279333155658760409870940 24192.0/3

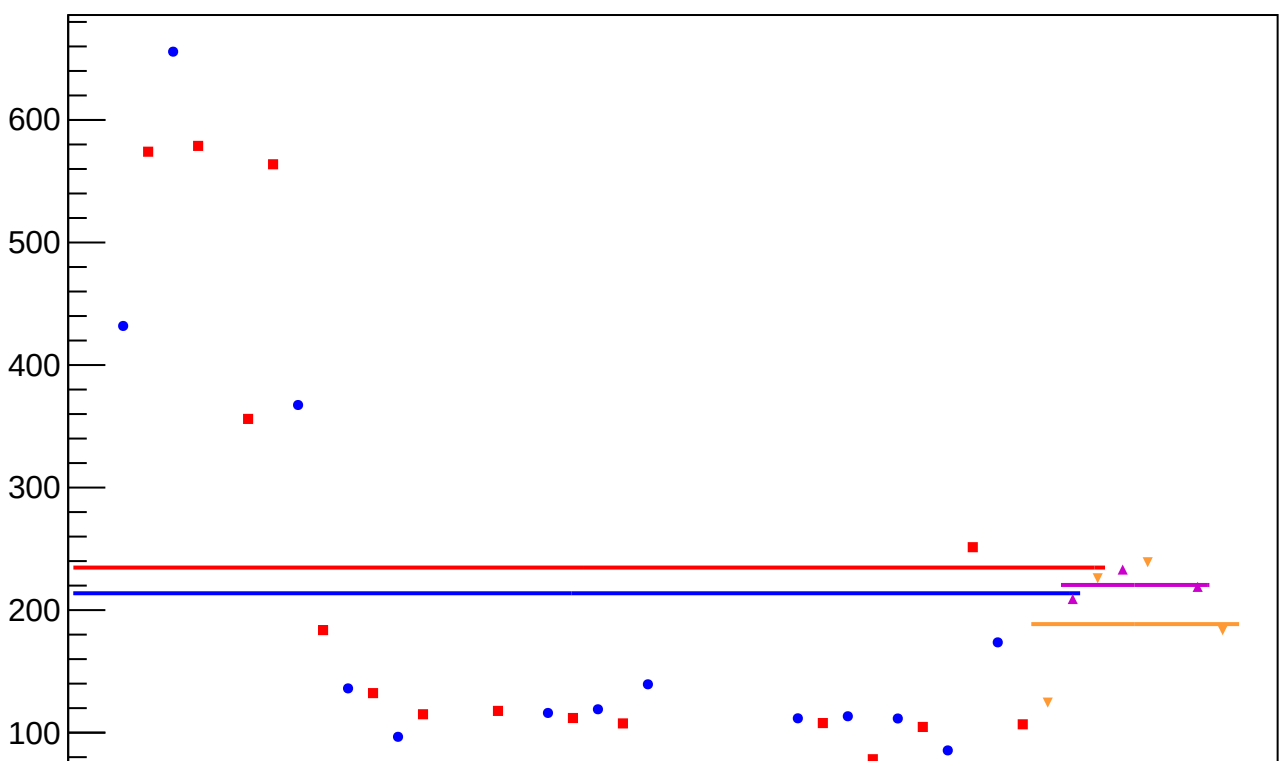
All: 3729.558+/-0.000 χ^2/NDF: 4657817877 0

Right Out: 2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867 17184.0/15

- sign 3707.042+/-0.000 χ^2/NDF: 2754330983980 4

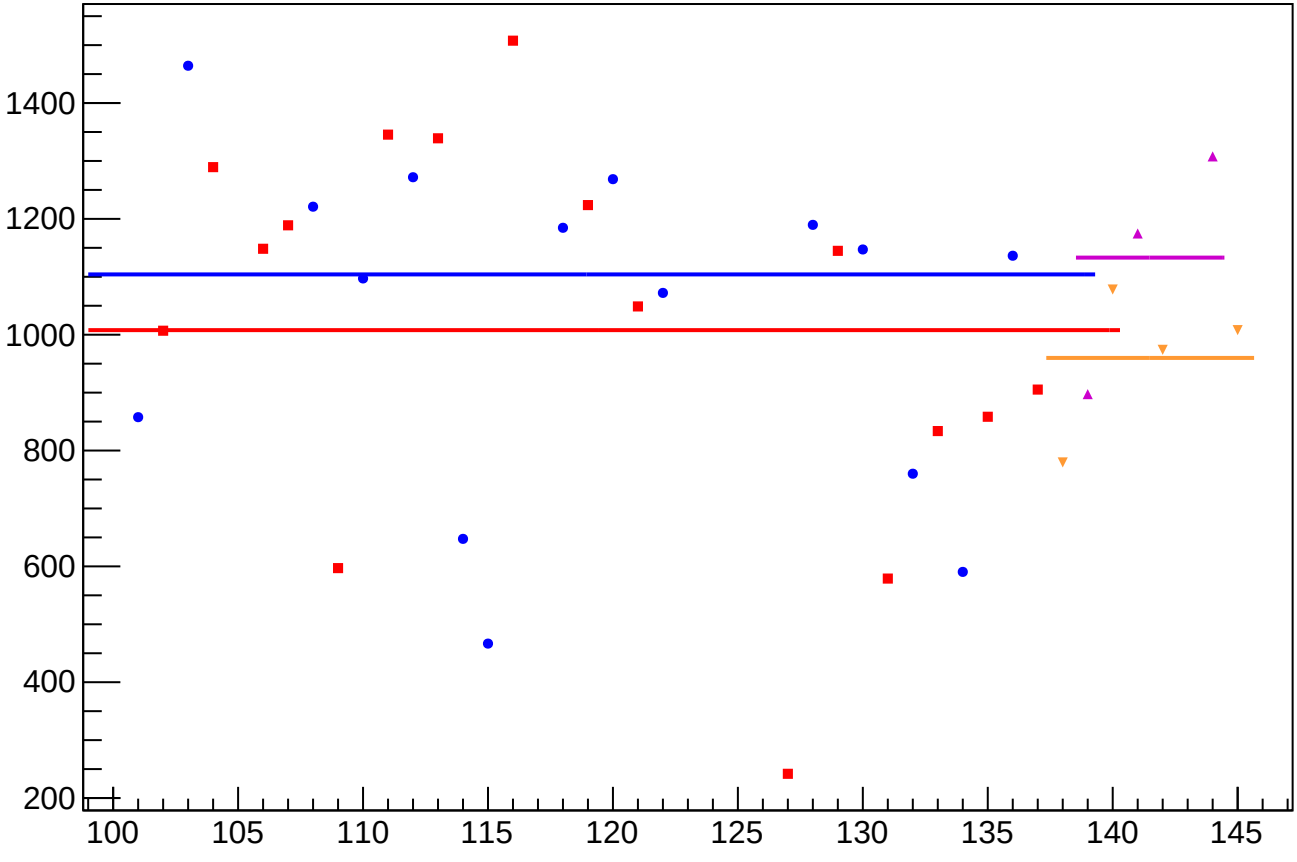
Left Out: 6099.863+/-0.000 χ^2/NDF:6148764978226346821413091249187559 8336.0/2

dit_usl_coil3_err_mean vs Slug



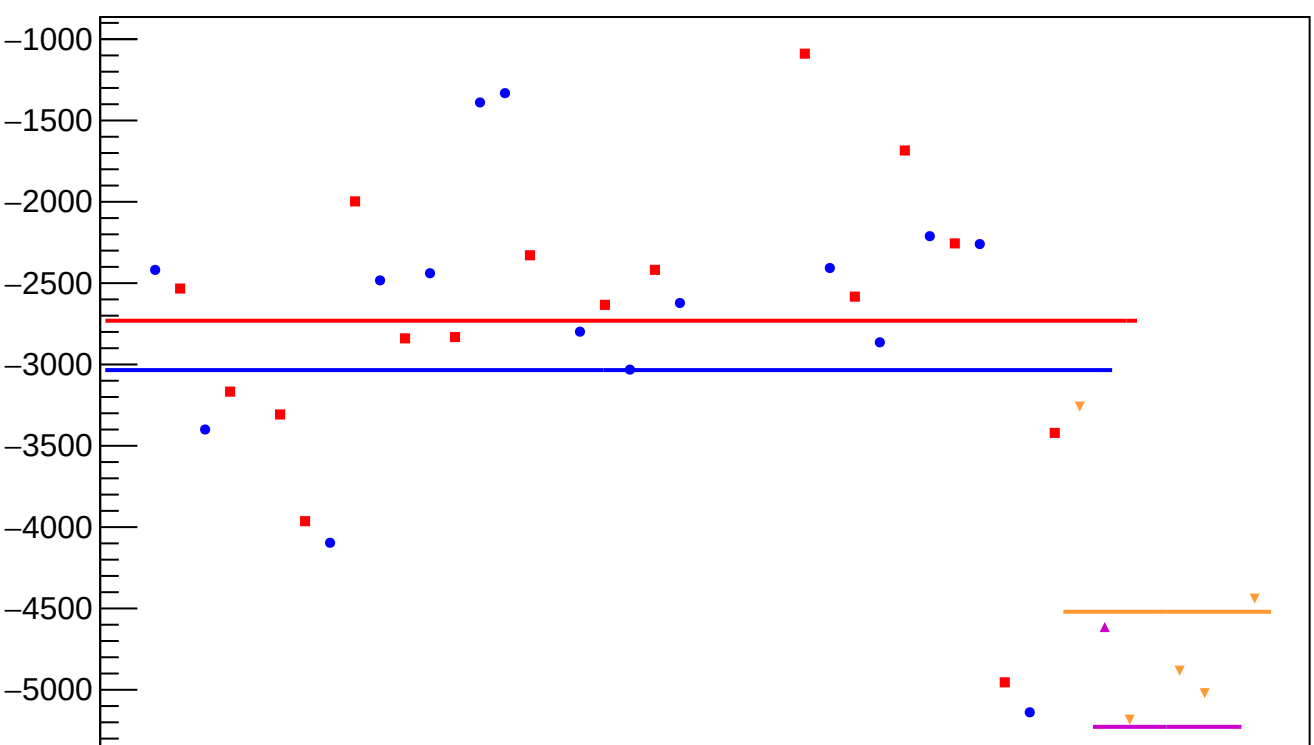
Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14
+ sign 206.079+/-0.000 χ^2/NDF: 20397224582852
Left Out: 188.575+/-0.000 χ^2/NDF:5539939844393767771765972478009016 32.0/3
All: 218.361+/-0.000 χ^2/NDF: 44754900230
Right Out: 234.712+/-0.000 χ^2/NDF: 24013134107167214895189050481067425792.0/15
- sign 230.789+/-0.000 χ^2/NDF: 240745324248141
Left In: 220.527+/-0.000 χ^2/NDF:24276702648851162069893258227482624.0/2

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1060.220+/-0.000 χ^2/NDF: 40717482220362
Left Out: 959.919+/-0.000 χ^2/NDF:3872275821297617654154778519168614400.0/3
All: 1051.431+/-0.000 χ^2/NDF: 1201983233 8
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:7365584540853331592808282192913367040.0/2

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14

+ sign -3556.020+/-0.000 χ^2/NDF: 1317094957267

Left Out: -4520.262+/-0.000 χ^2/NDF:1835548307252612126656007546169374801 92.0/4

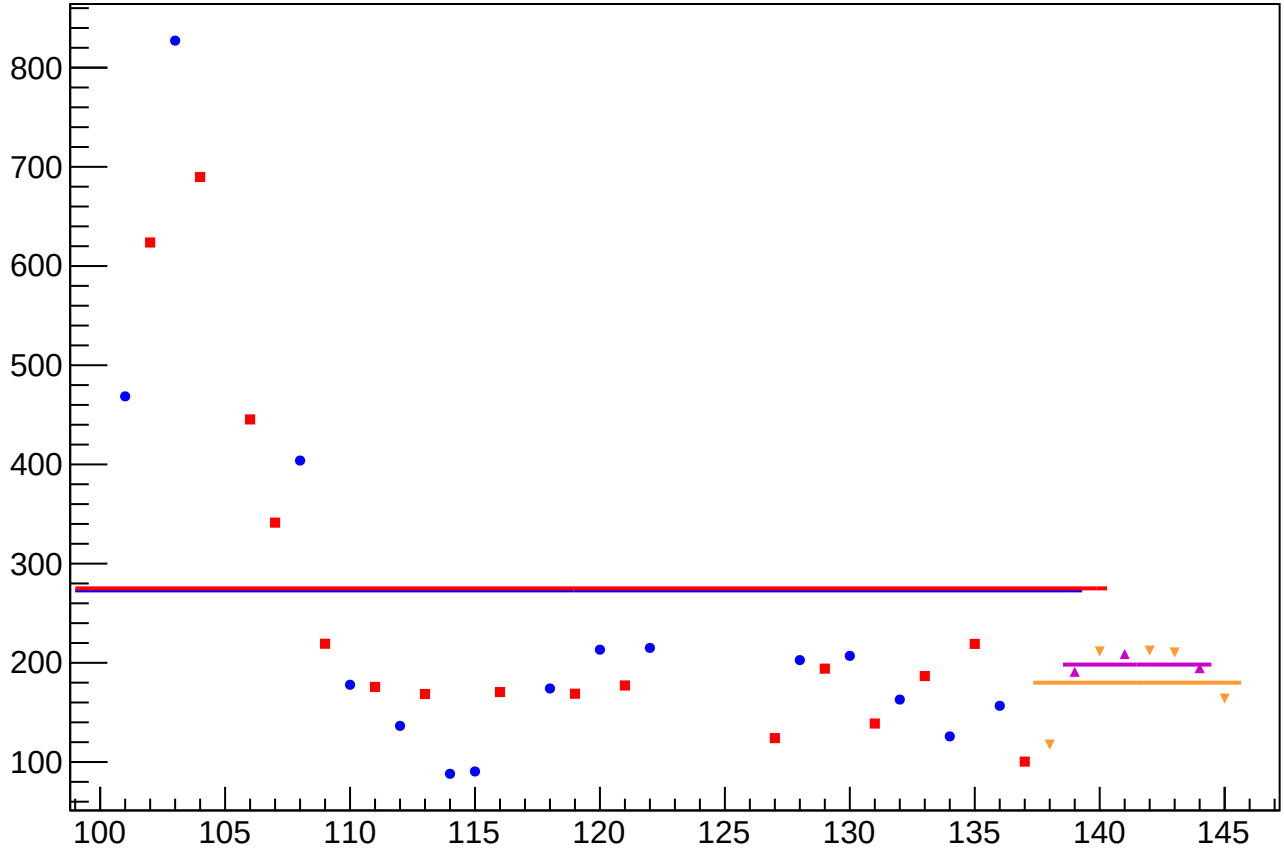
All: -3491.530+/-0.000 χ^2/NDF: 3050014686

Right Out: -2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

- sign -3421.583+/-0.000 χ^2/NDF: 1724249829667 8

Left In: -5227.843+/-0.000 χ^2/NDF:4593916287107231887329574858972253388 8.0/2

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 179.969+/-0.000 χ^2/NDF:515318713427341408889937034175578112.0/4

Right Out: 275.044+/-0.000 χ^2/NDF: 222647600887529017925618929916570501 12.0/15

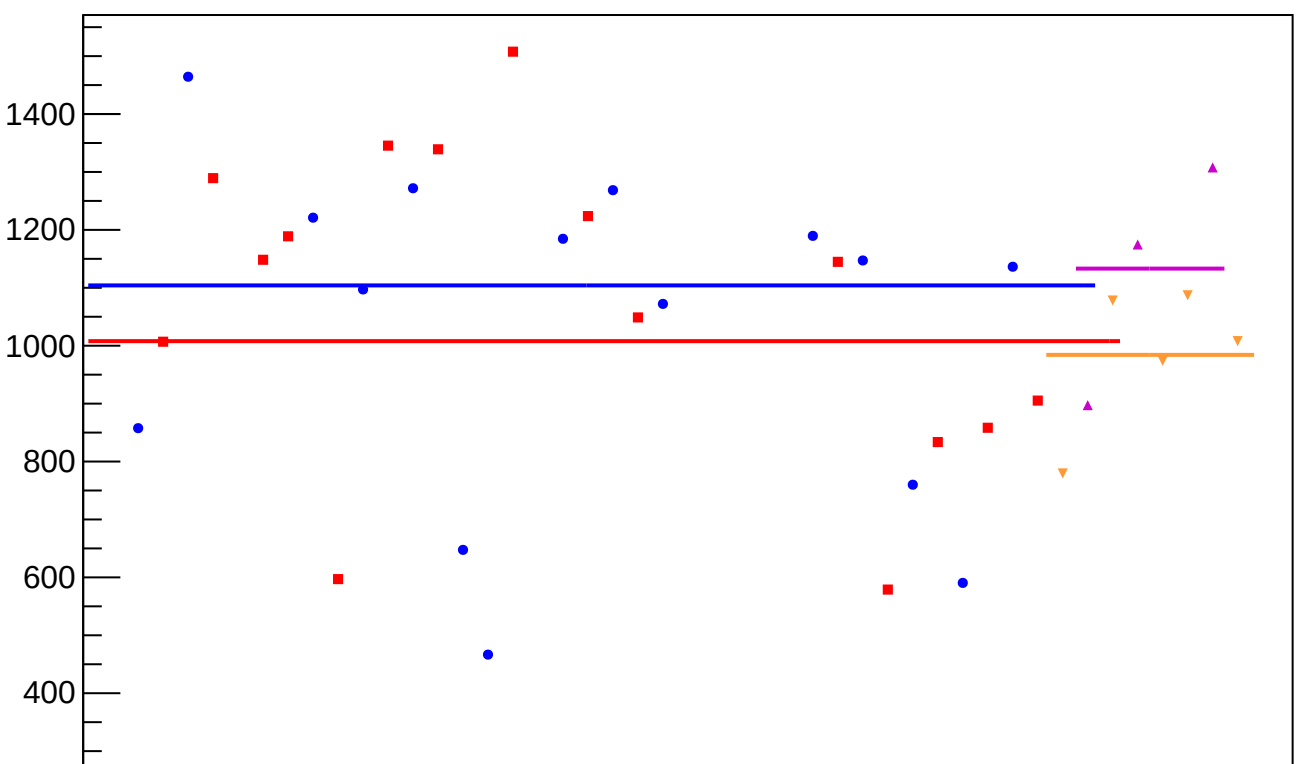
Left In: 198.228+/-0.000 χ^2/NDF:150162324793912883336013118617681 92.0/2

+ sign 240.371+/-0.000 χ^2/NDF: 289744377185144

All: 246.812+/-0.000 χ^2/NDF: 524292128246

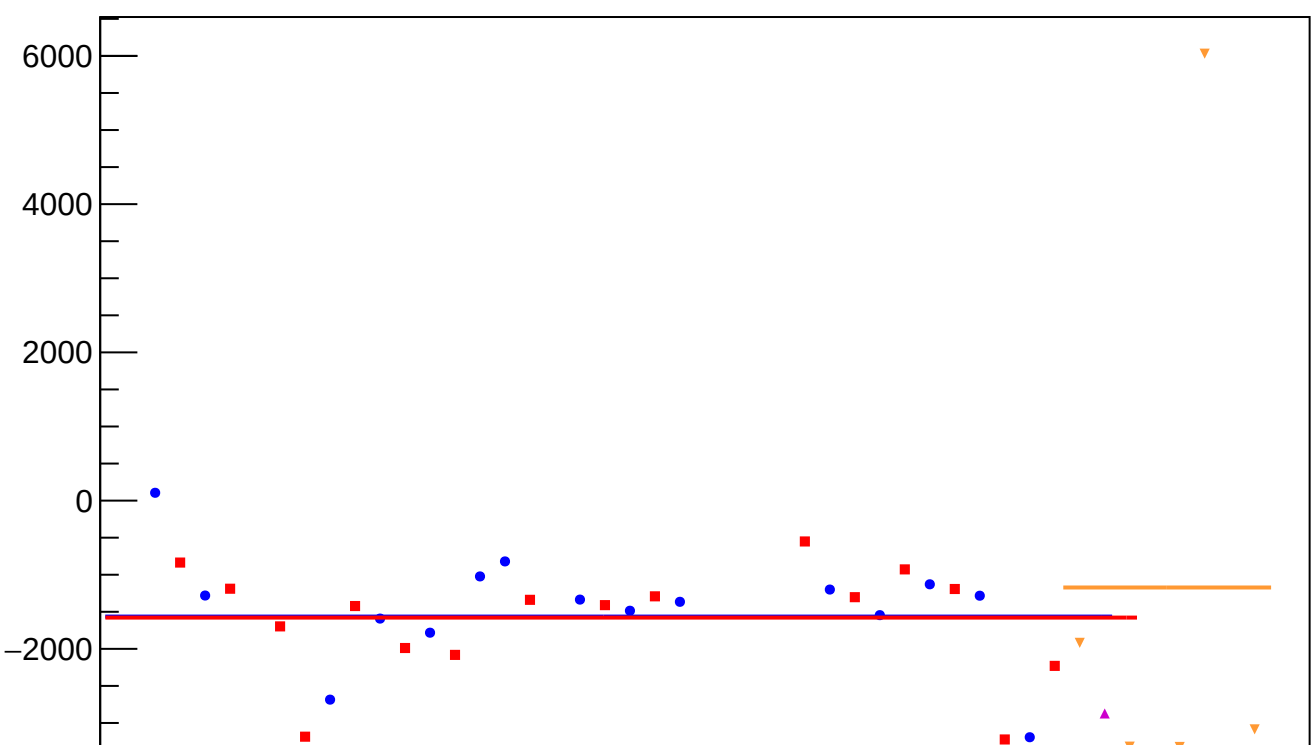
- sign 253.799+/-0.000 χ^2/NDF: 233682862673391

dit_usr_coil3_Ndata_mean vs Slug



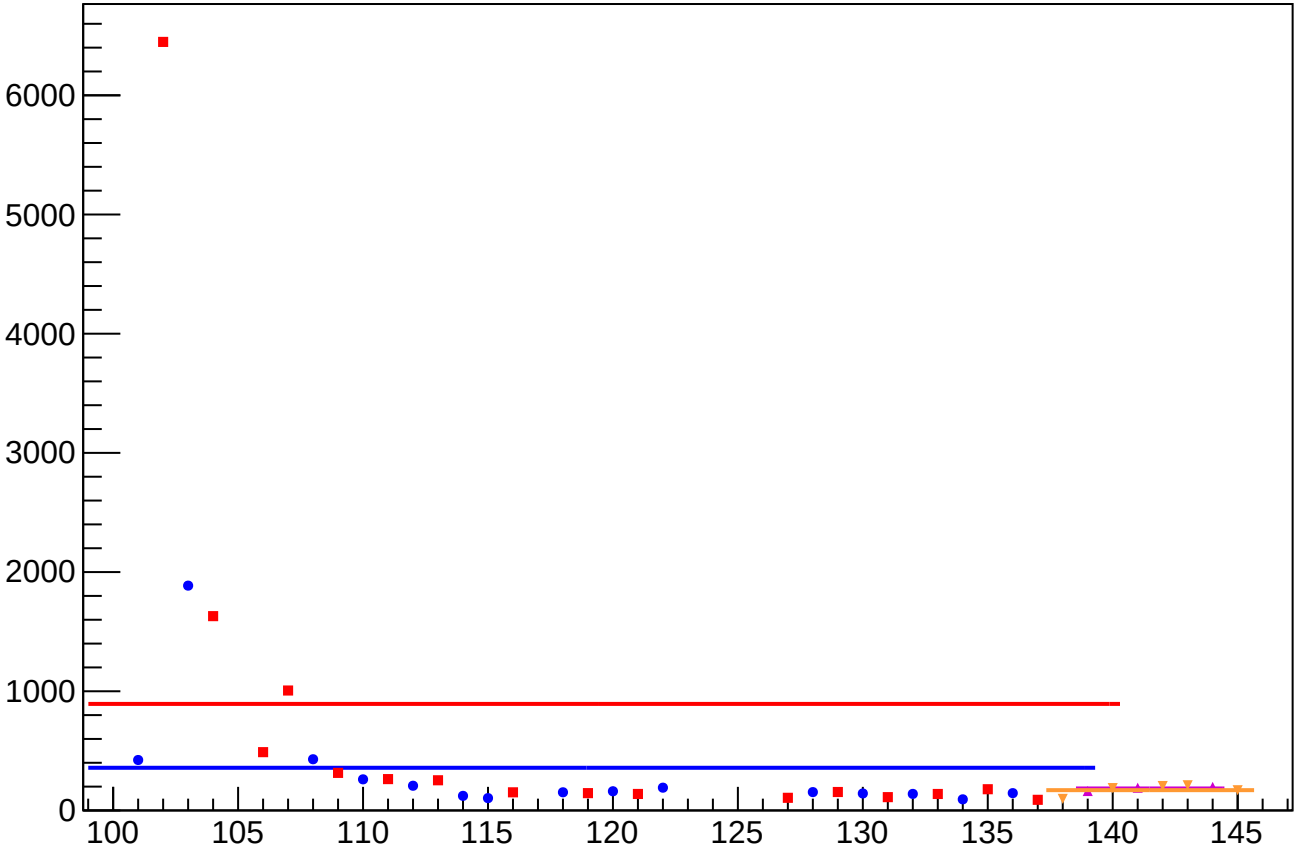
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14
+ sign -1426.859+/-0.000 χ^2/NDF: 4914828961147
Left Out: -1172.183+/-0.000 χ^2/NDF:4395876073020168147164935770027860164608.0/4
All: -1747.952+/-0.000 χ^2/NDF: 6188826335
Right Out: -1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
- sign -2096.210+/-0.000 χ^2/NDF: 1059072962817 2
Left In: -3451.219+/-0.000 χ^2/NDF:4343566186606372993871628920665250201 6.0/2

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14

+ sign 292.168+/-0.000 χ^2/NDF: 166564760419089

Left Out: 170.298+/-0.000 χ^2/NDF:60930694050039831382623479615664947 2.0/4

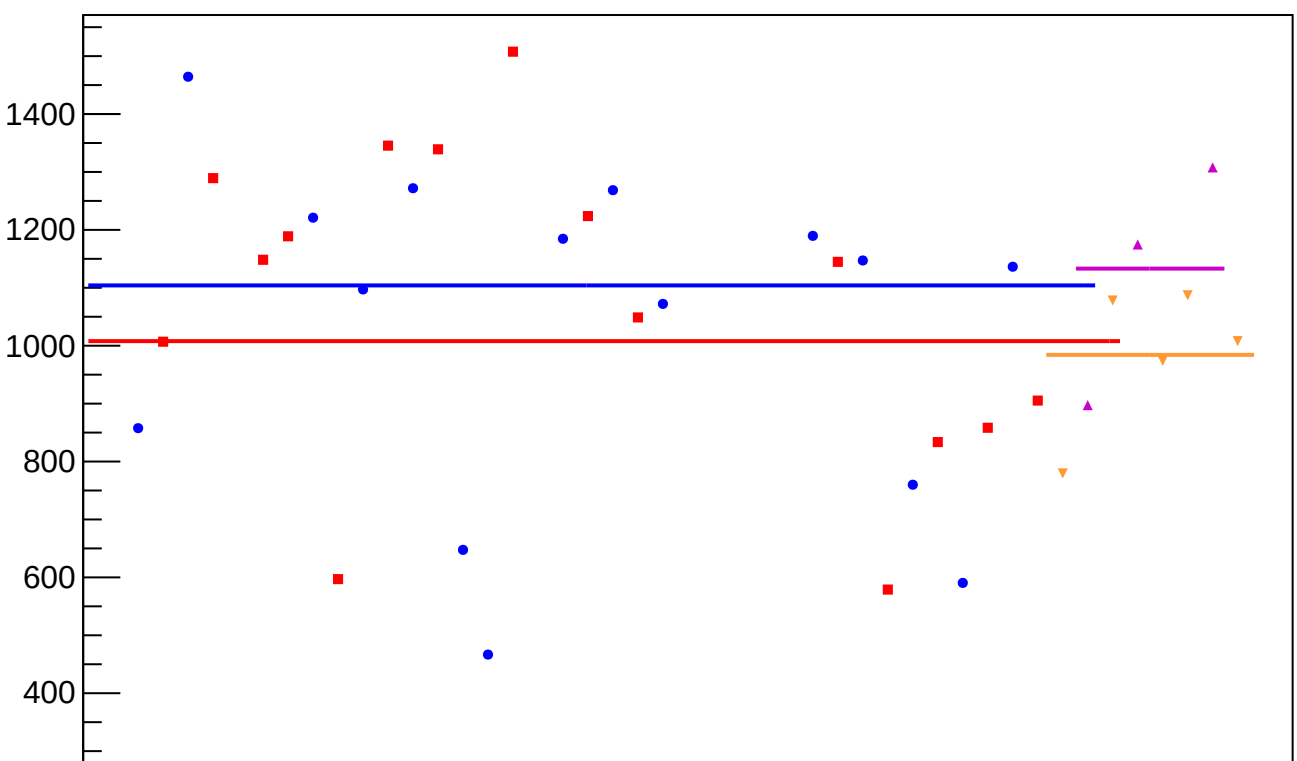
All: 486.699+/-0.000 χ^2/NDF: 24142718362 9

Right Out: 893.897+/-0.000 χ^2/NDF: 207592015577420104357269565679780390 5024.0/15

- sign 697.687+/-0.000 χ^2/NDF: 216882126715577

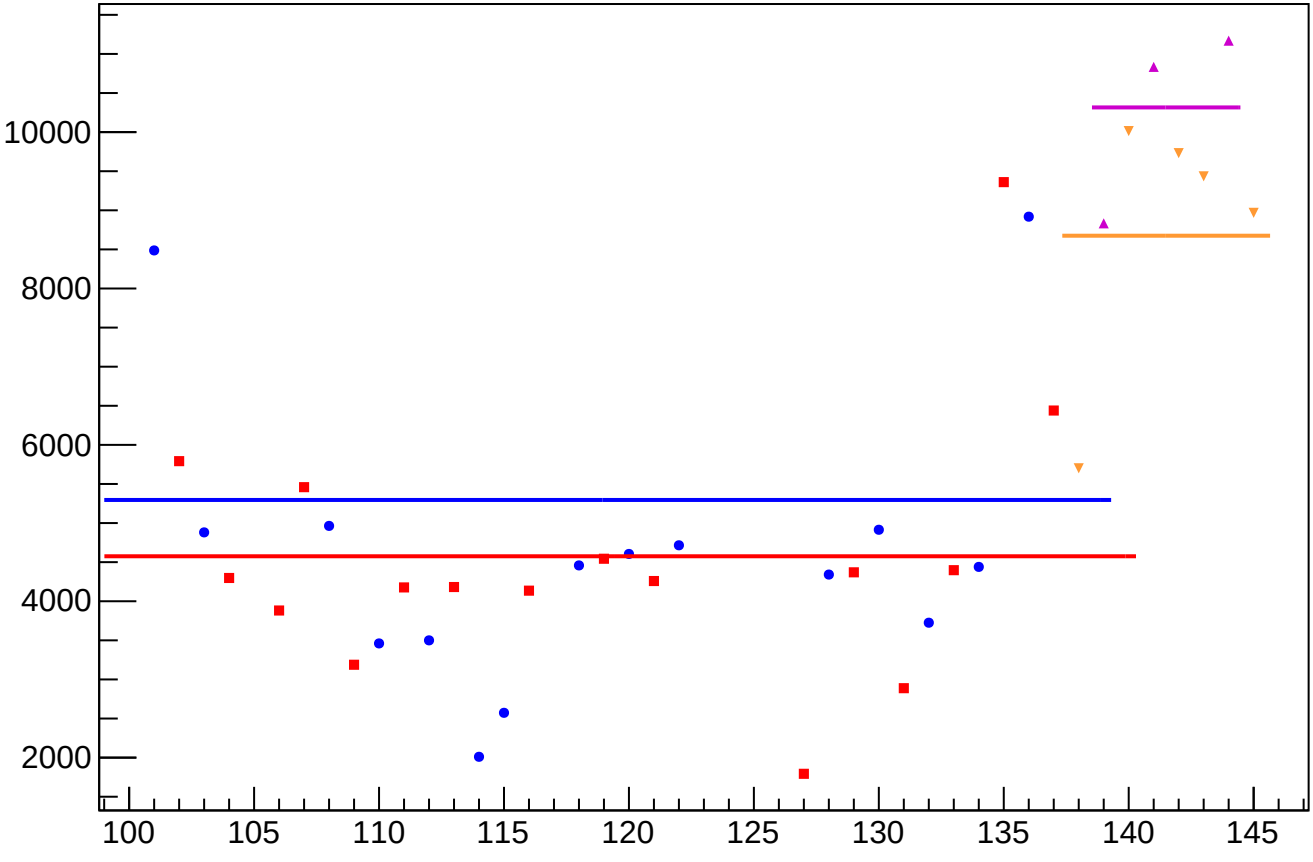
Left In: 184.463+/-0.000 χ^2/NDF:5615664634488346994435891779967385 6.0/2

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

+ sign 6481.743+/-0.000 χ^2/NDF: 60411606506251

Left Out: 8675.136+/-0.000 χ^2/NDF:9335859932061599551666989605984613171 20.0/4

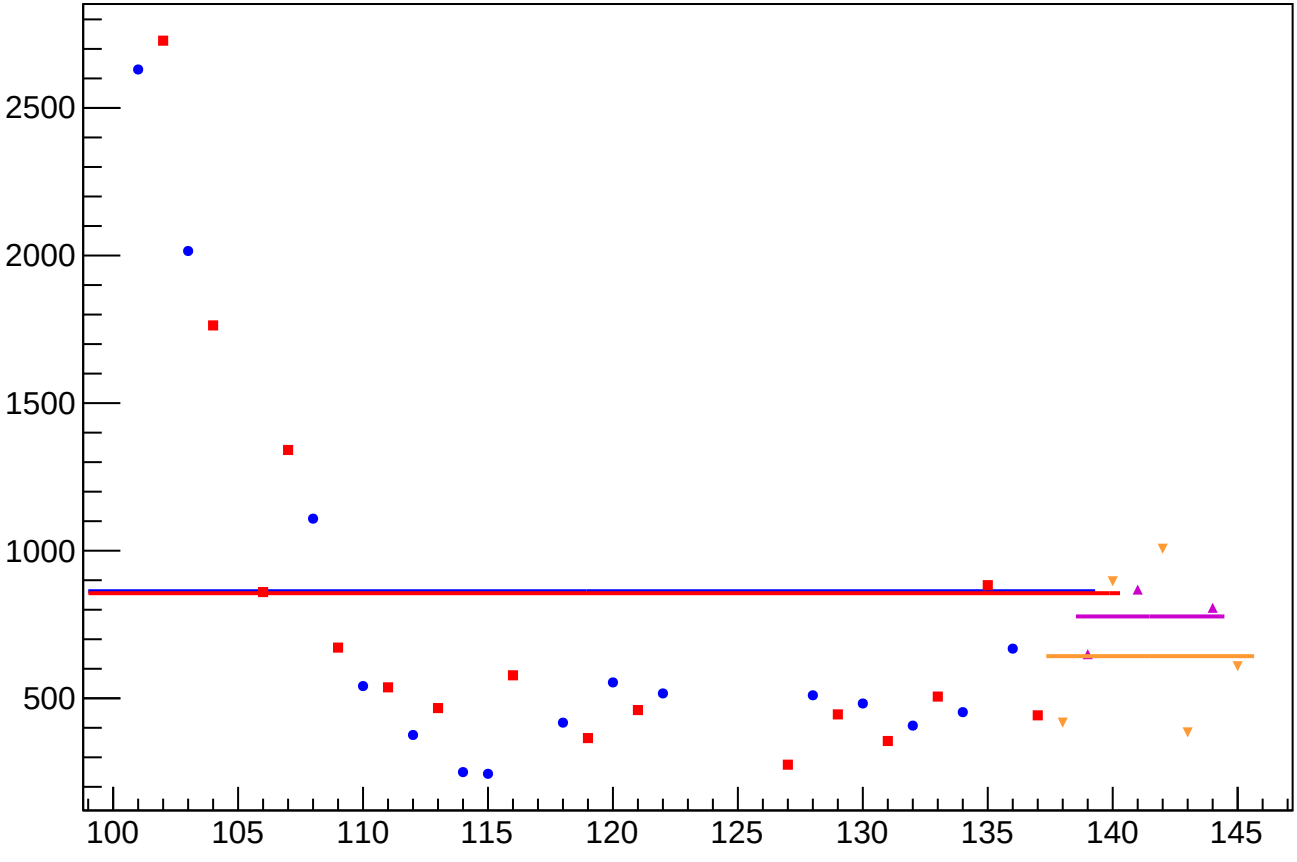
All: 6328.820+/-0.000 χ^2/NDF: 1429820169 5

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691 0592.0/15

- sign 6162.960+/-0.000 χ^2/NDF: 82082918815278

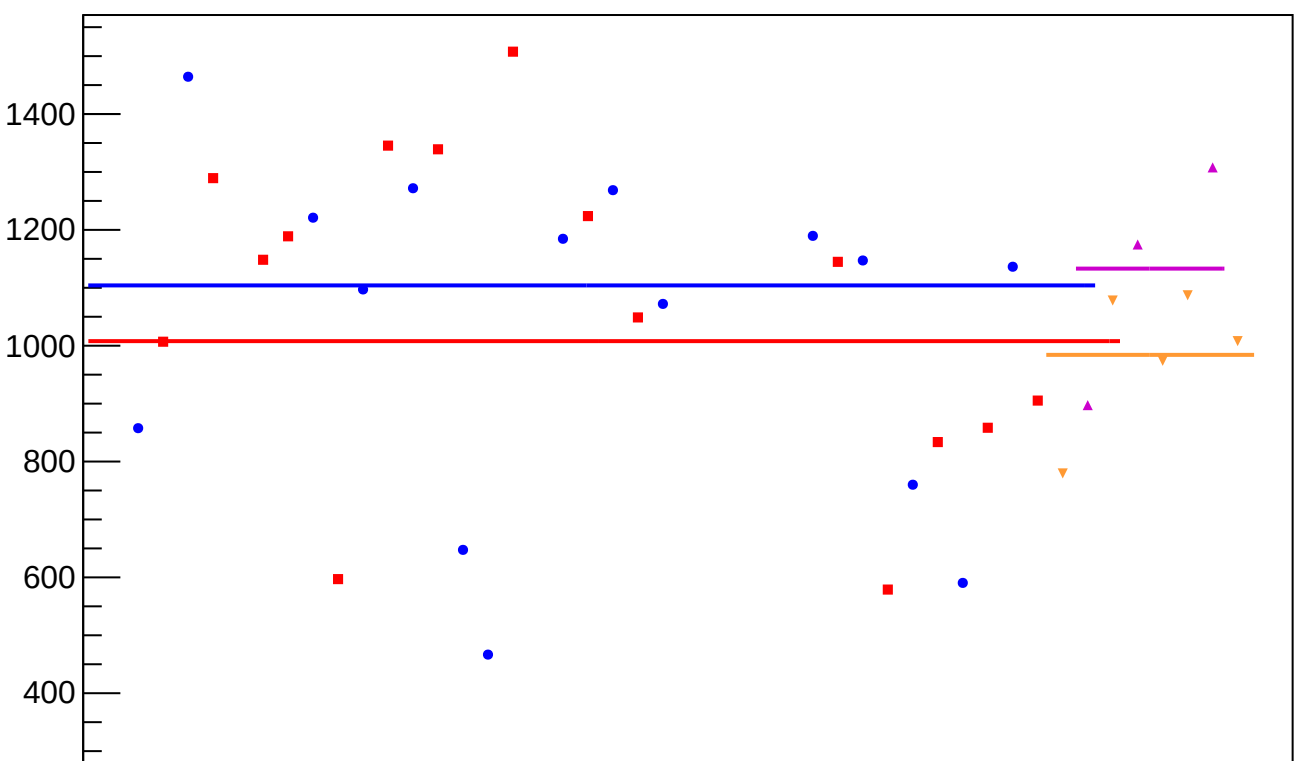
Left In: 10315.858+/-0.000 χ^2/NDF:2657508402324186797201459142236171 14112.0/2

dit_atl2_coil3_err_mean vs Slug



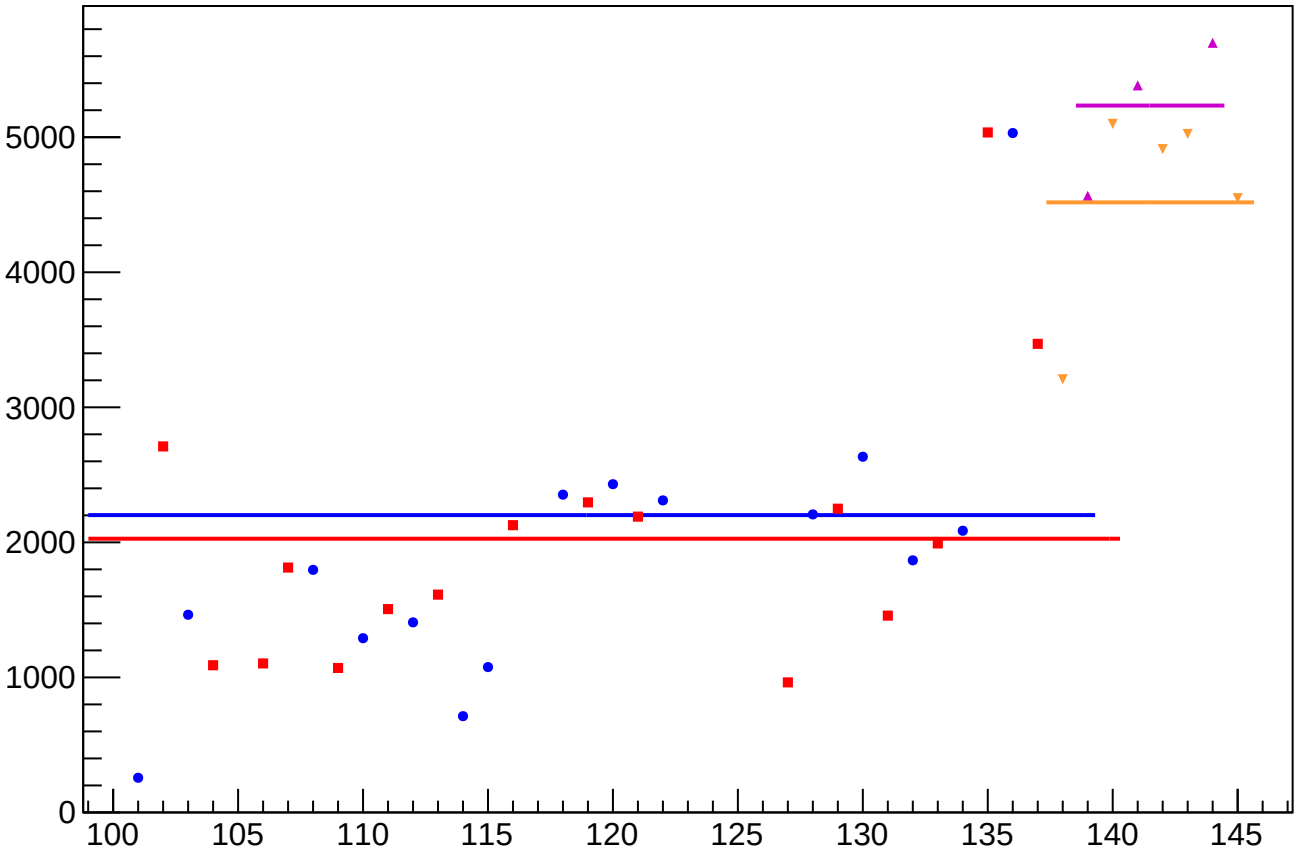
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
+ sign 785.475+/-0.000 χ^2/NDF: 36858903438307 6
Left Out: 642.716+/-0.000 χ^2/NDF:19882904257662490554353177438783012864.0/4
All: 808.885+/-0.000 χ^2/NDF: 7001746825 90
Right Out: 856.059+/-0.000 χ^2/NDF: 327195216546444767148716224688288694272.0/15
- sign 834.277+/-0.000 χ^2/NDF: 330443134683782
Left In: 777.302+/-0.000 χ^2/NDF:2103706258136864462788887698915459072.0/2

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

+ sign 3014.670+/-0.000 χ^2/NDF: 24941012696795

Left Out: 4517.590+/-0.000 χ^2/NDF:185943580387478859733051498665202417664.0/4

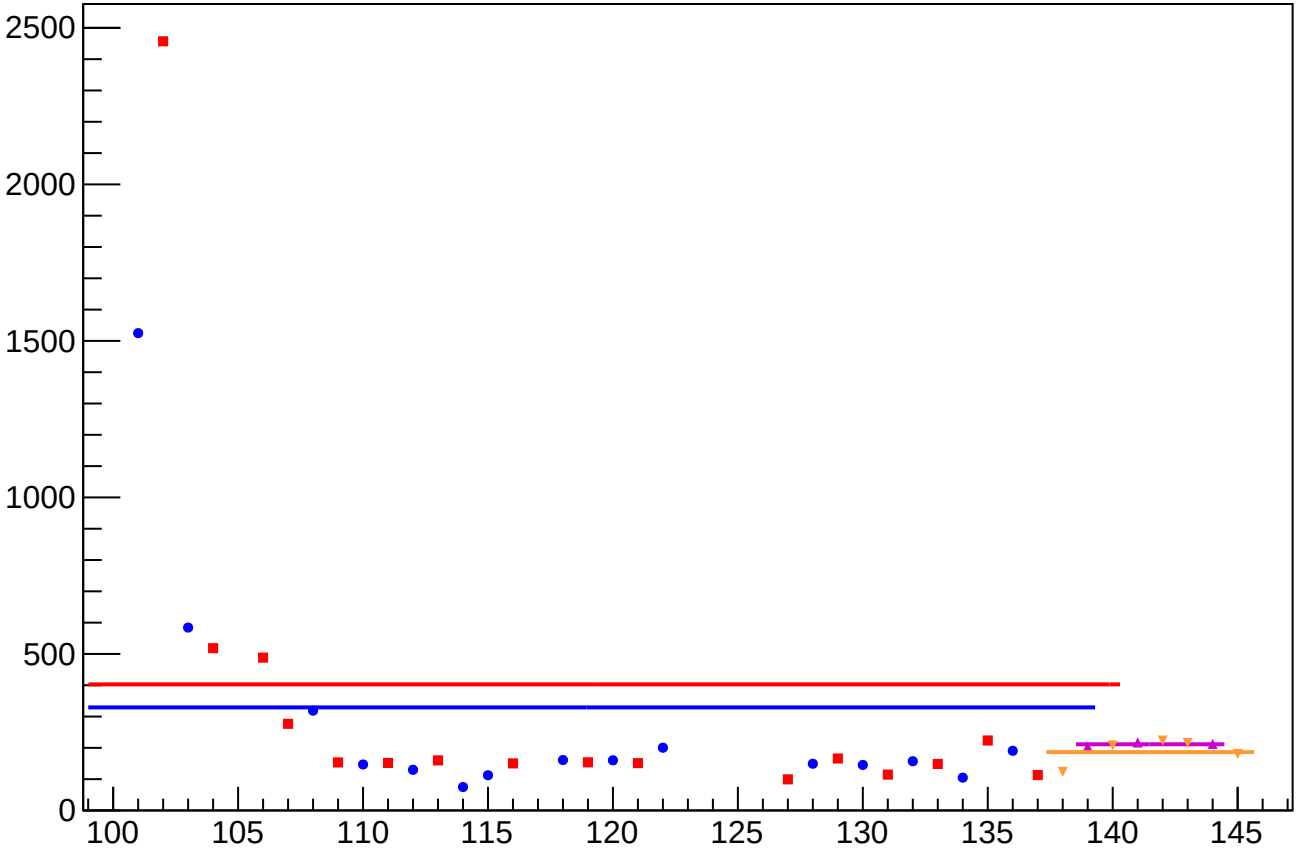
All: 2966.389+/-0.000 χ^2/NDF: 5162573854

Right Out: 2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

- sign 2914.023+/-0.000 χ^2/NDF: 26636131661614

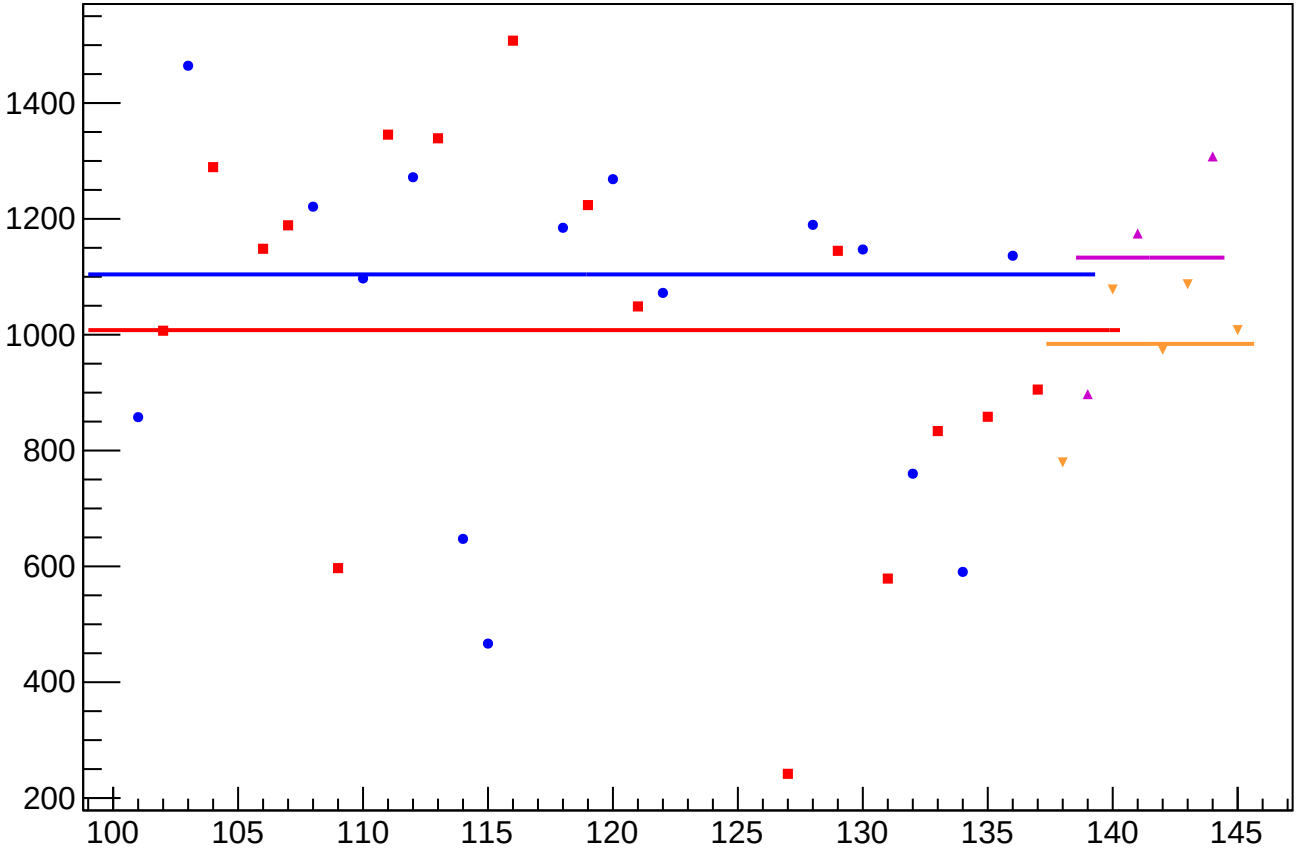
Left In: 5234.277+/-0.000 χ^2/NDF:573353191157539340772222664726229811 20.0/2

dit_atr1_coil3_err_mean vs Slug



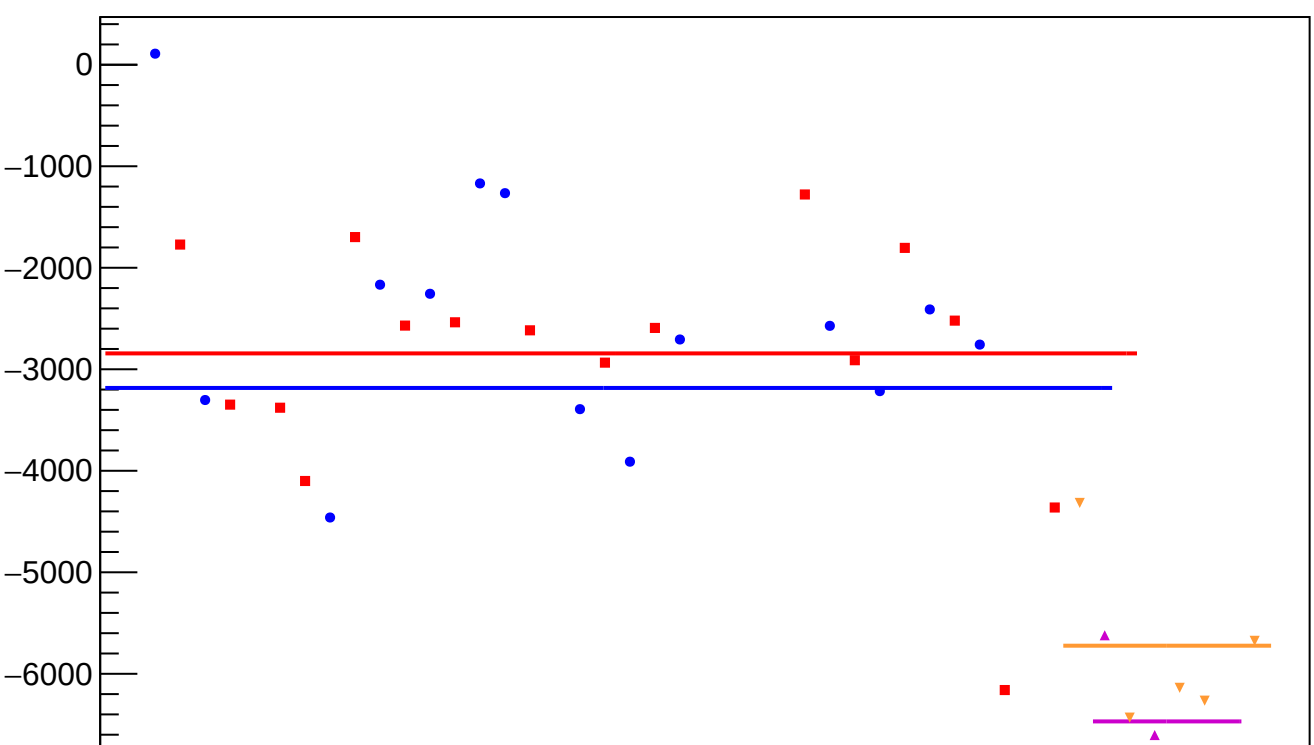
Right In: 329.229+/-0.000 χ^2/NDF: 1032850290919227420338379034371324641 28.0/14
+ sign 279.106+/-0.000 χ^2/NDF: 108399136953424
Left Out: 186.428+/-0.000 χ^2/NDF:46877415299522841222709572712949350 4.0/4
All: 313.009+/-0.000 χ^2/NDF: 39519018574 9
Right Out: 402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15
- sign 349.781+/-0.000 χ^2/NDF: 284394947577051
Left In: 211.386+/-0.000 χ^2/NDF:765041677521789841390090110527078 4.0/2

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

+ sign -4075.199+/-0.000 χ^2/NDF: 3826925514978

Left Out: -5723.161+/-0.000 χ^2/NDF:2232216643553752284762458013473911603 20.0/4

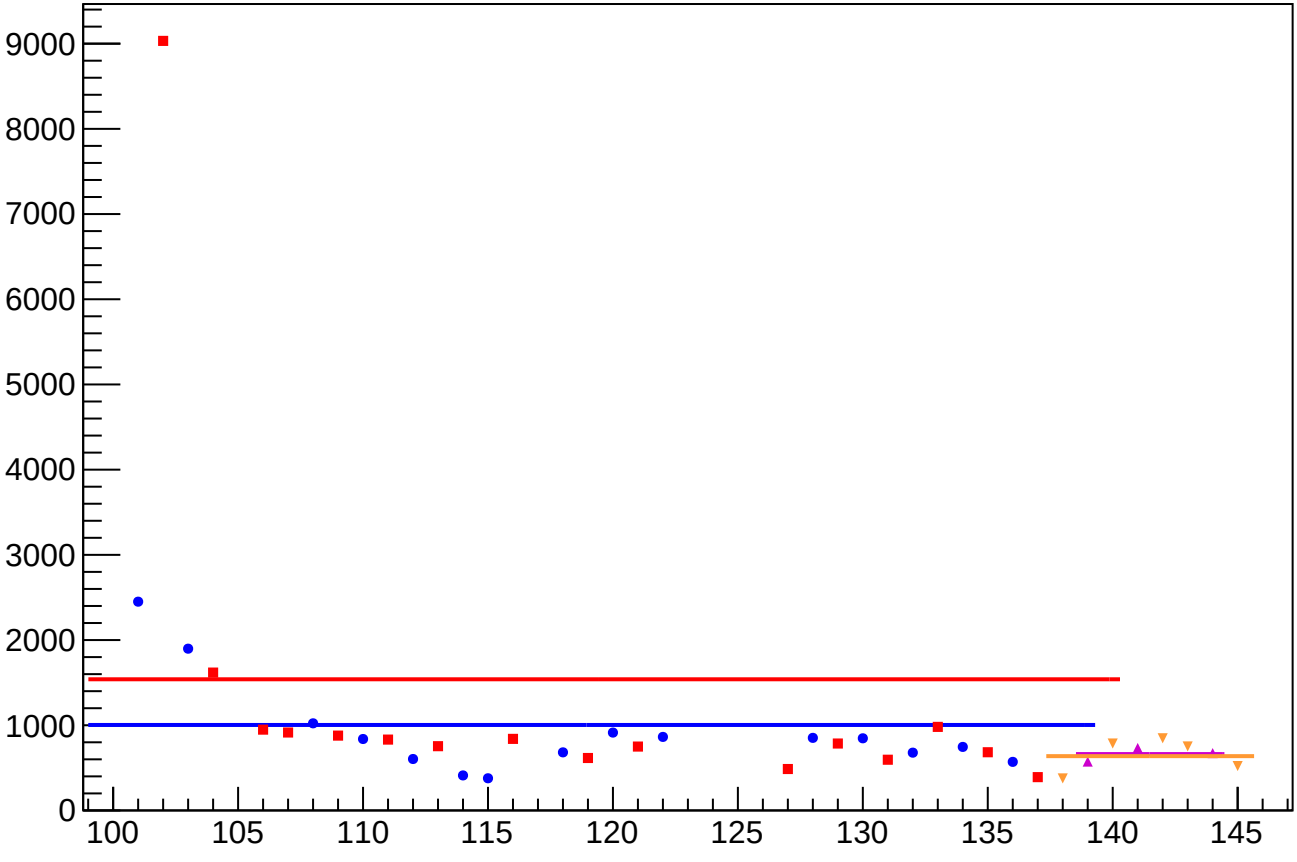
All: -3965.390+/-0.000 χ^2/NDF: 7320609303

Right Out: -2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

- sign -3846.291+/-0.000 χ^2/NDF: 3468547702486 9

Left In: -6469.026+/-0.000 χ^2/NDF:9679320106525518676146288243435477401 6.0/2

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

+ sign 874.941+/-0.000 χ^2/NDF: 261413167403839

Left Out: 637.408+/-0.000 χ^2/NDF:110830092864571500316818015444480819 20.0/4

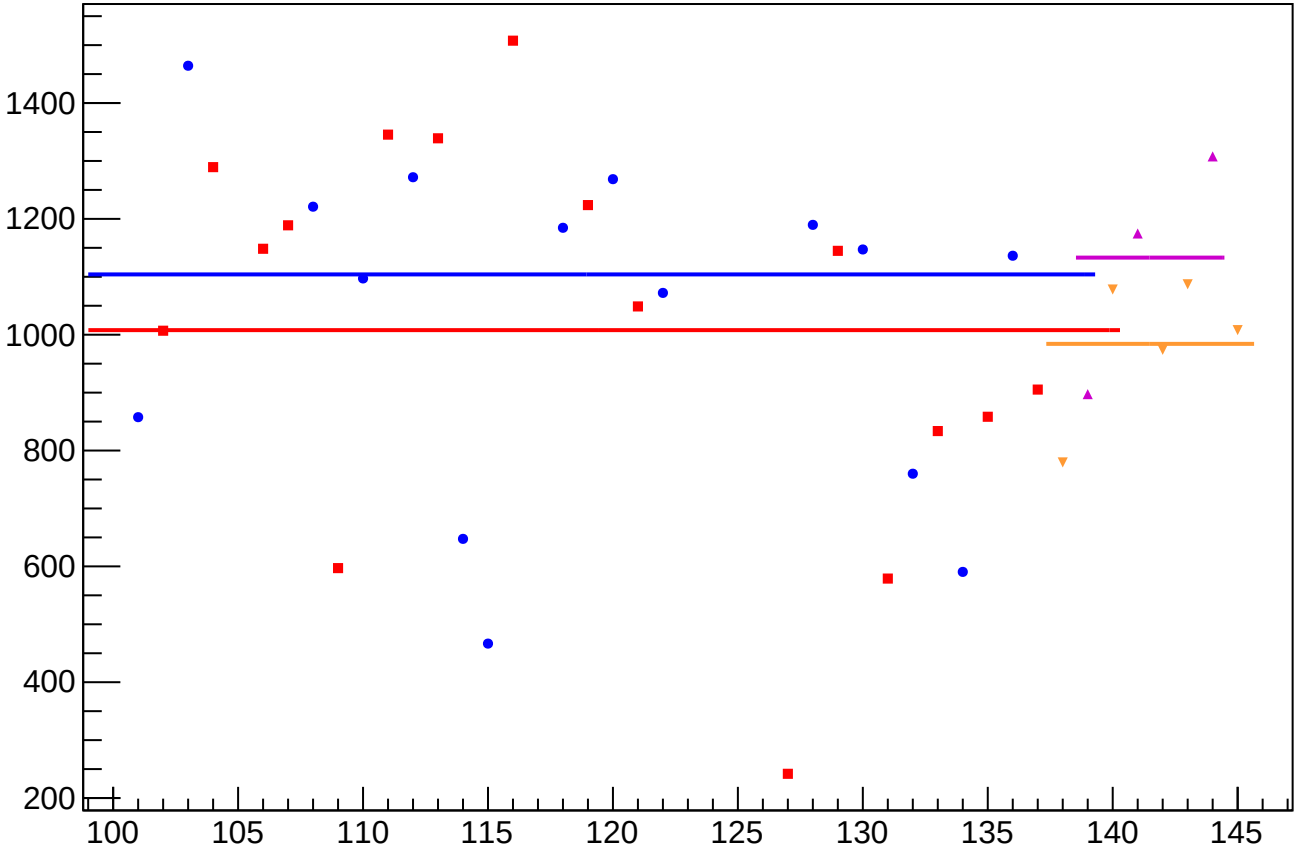
All: 1077.300+/-0.000 χ^2/NDF: 4104785666

Right Out: 1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

- sign 1296.779+/-0.000 χ^2/NDF: 37580098571692

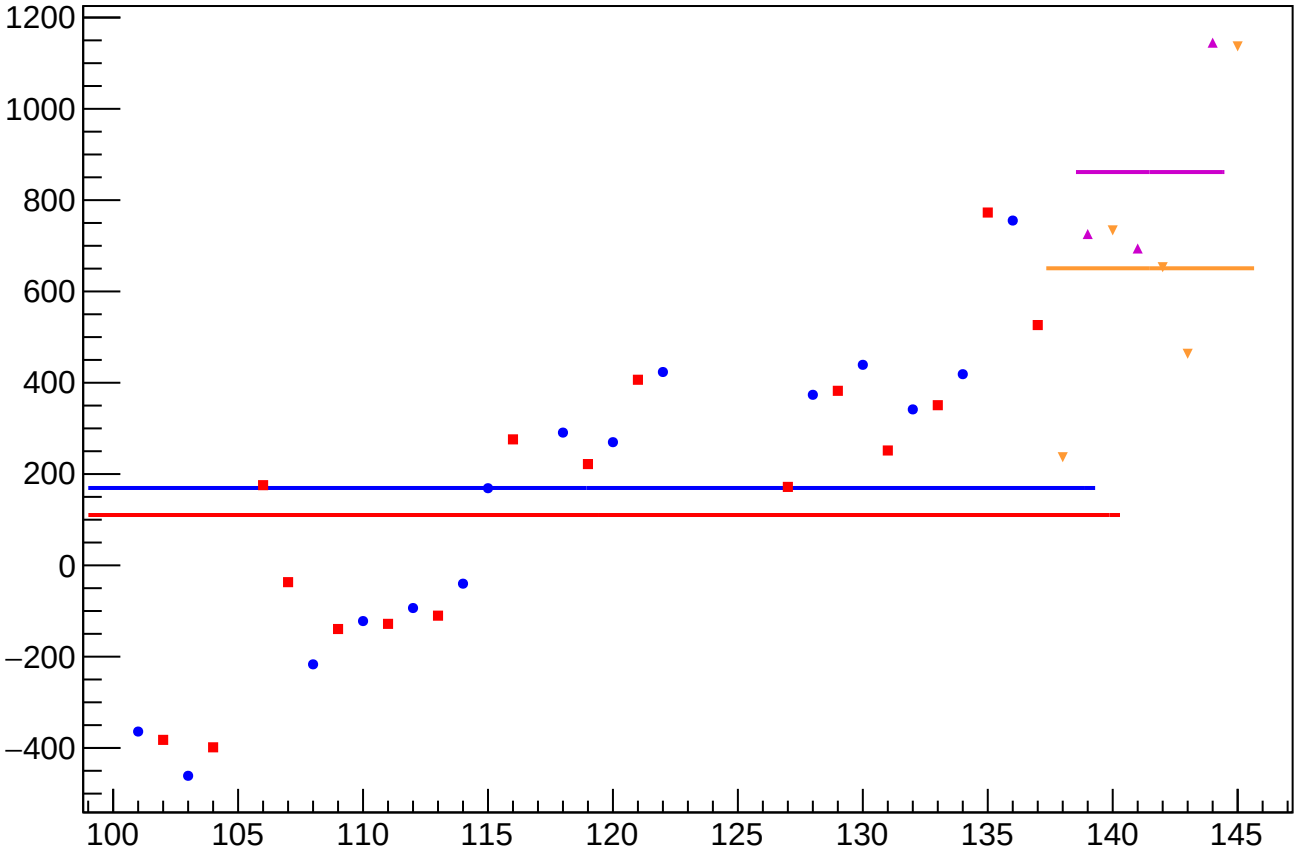
Left In: 661.718+/-0.000 χ^2/NDF:1075732279748122261073408936690843648.0/2

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Left Out: 650.728+/-0.000 χ^2/NDF:3470617598503551914284698517471913574 4.0/4

Right Out: 110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988121 6.0/15

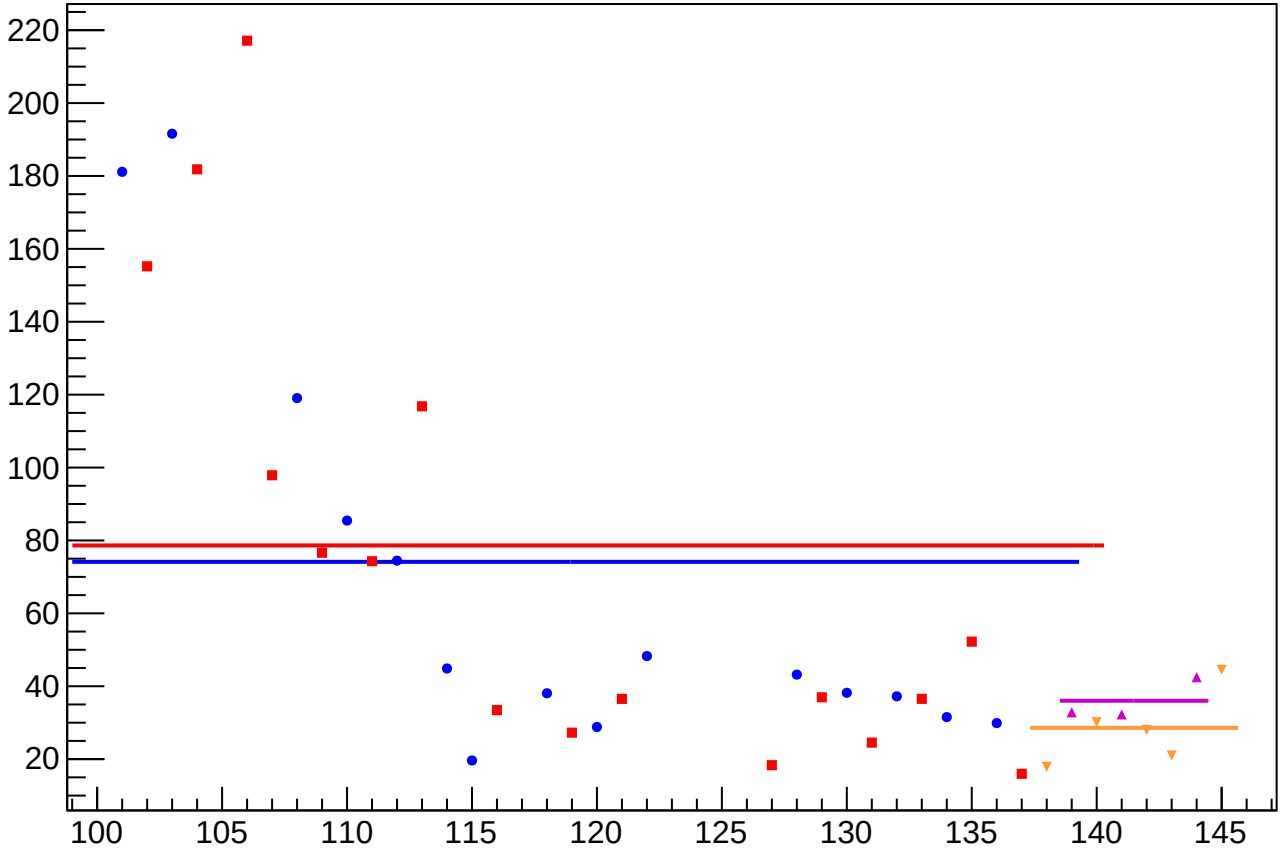
Left In: 861.524+/-0.000 χ^2/NDF:1102274693290630608433418407832138547 2.0/2

+ sign 338.404+/-0.000 χ^2/NDF: 1828983338252 95

All: 328.645+/-0.000 χ^2/NDF: 3699992429 45

- sign 318.060+/-0.000 χ^2/NDF: 186902364788721

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

+ sign 58.144+/-0.000 χ^2/NDF: 2673569446194447

Left Out: 28.589+/-0.000 χ^2/NDF:3276469760737117766326326211588915 2.0/4

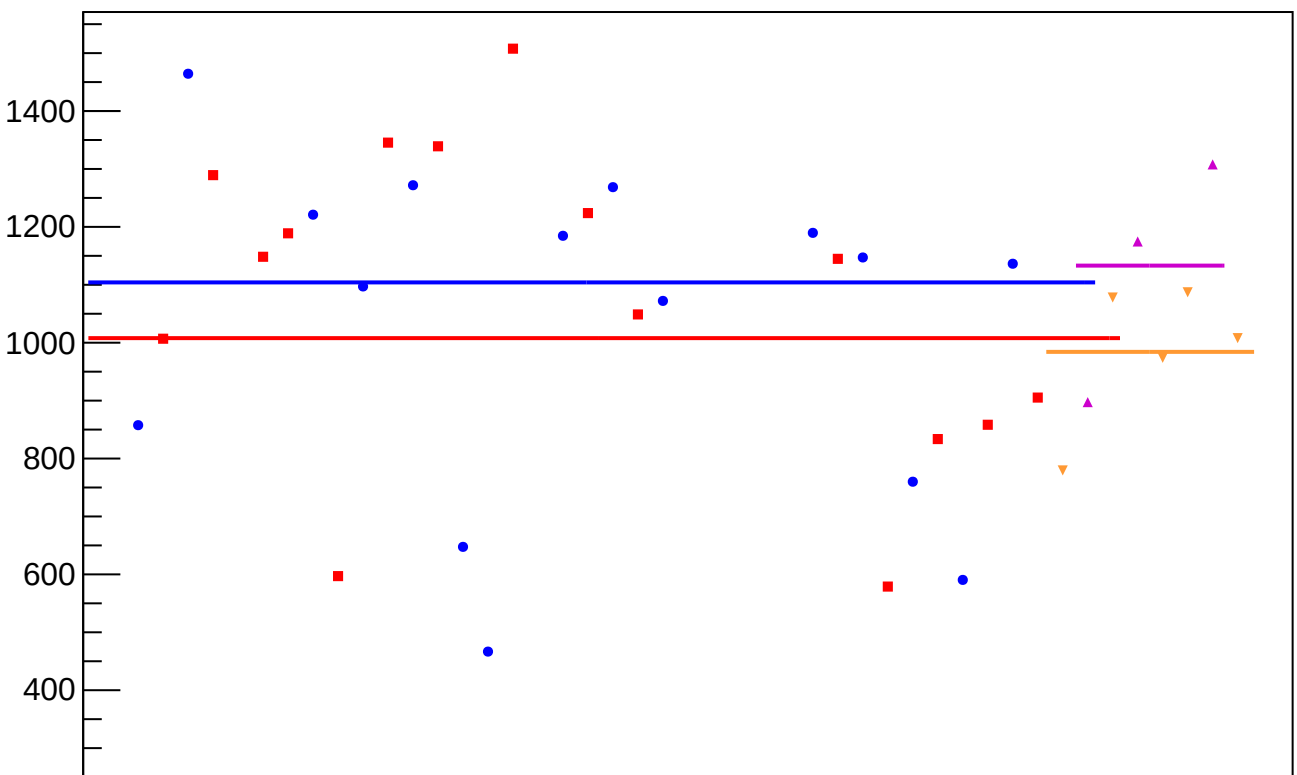
All: 62.319+/-0.000 χ^2/NDF: 5393856333994

Right Out: 78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

- sign 66.847+/-0.000 χ^2/NDF: 2683954301850588

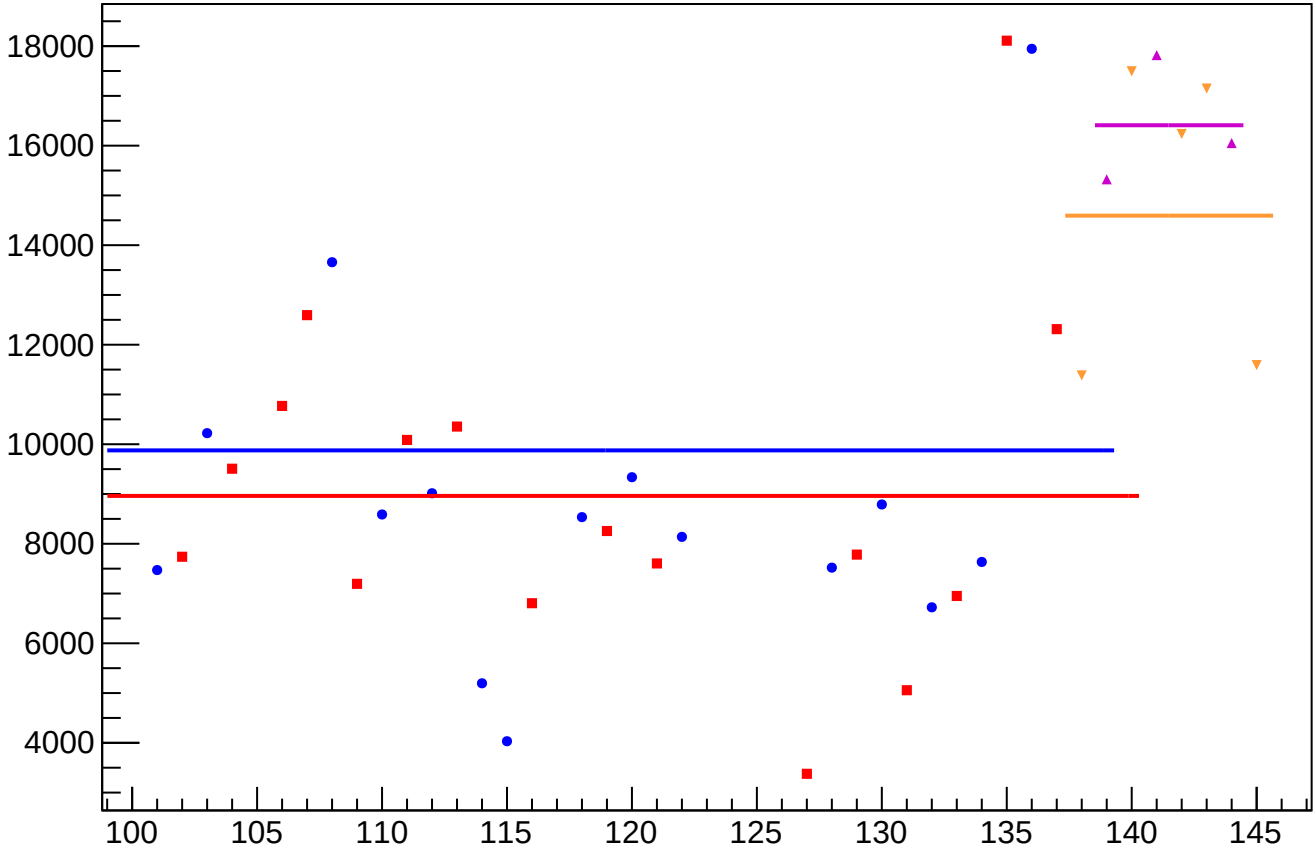
Left In: 36.019+/-0.000 χ^2/NDF:5726182763375034198367545782697984.0/2

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

+ sign 11532.144+/-0.000 χ^2/NDF: 1631026085591

Left Out: 14593.378+/-0.000 χ^2/NDF:2758681217765113600641226048563318882304.0/4

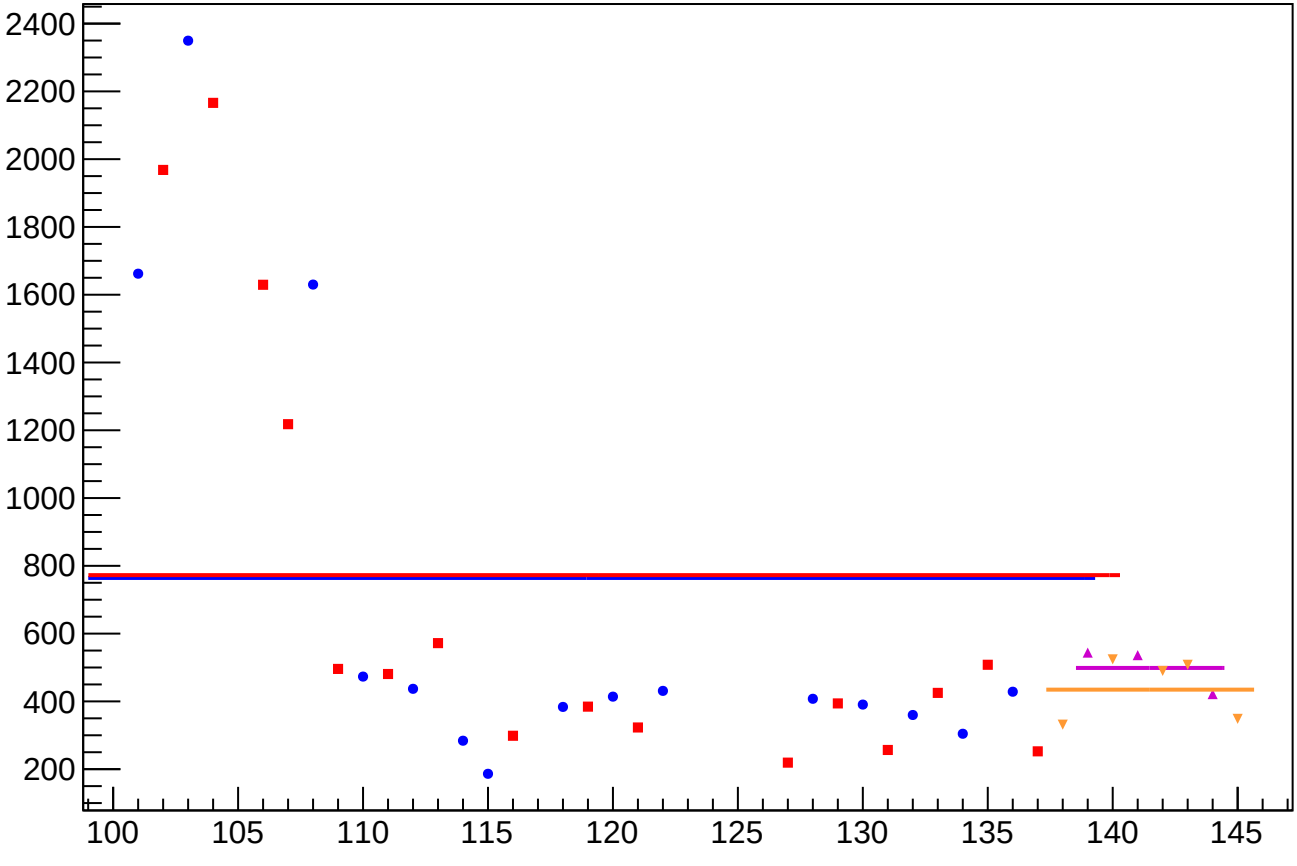
All: 11287.241+/-0.000 χ^2/NDF: 3452917507

Right Out: 8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

- sign 11021.620+/-0.000 χ^2/NDF: 1809388556091

Left In: 16410.005+/-0.000 χ^2/NDF:2757524822921523148900299743889562009 60.0/2

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14

Left Out: 434.666+/-0.000 χ^2/NDF:2567598171132627045840010519083220992.0/4

Right Out: 772.547+/-0.000 χ^2/NDF: 2859021389046424012786255876318916771 84.0/15

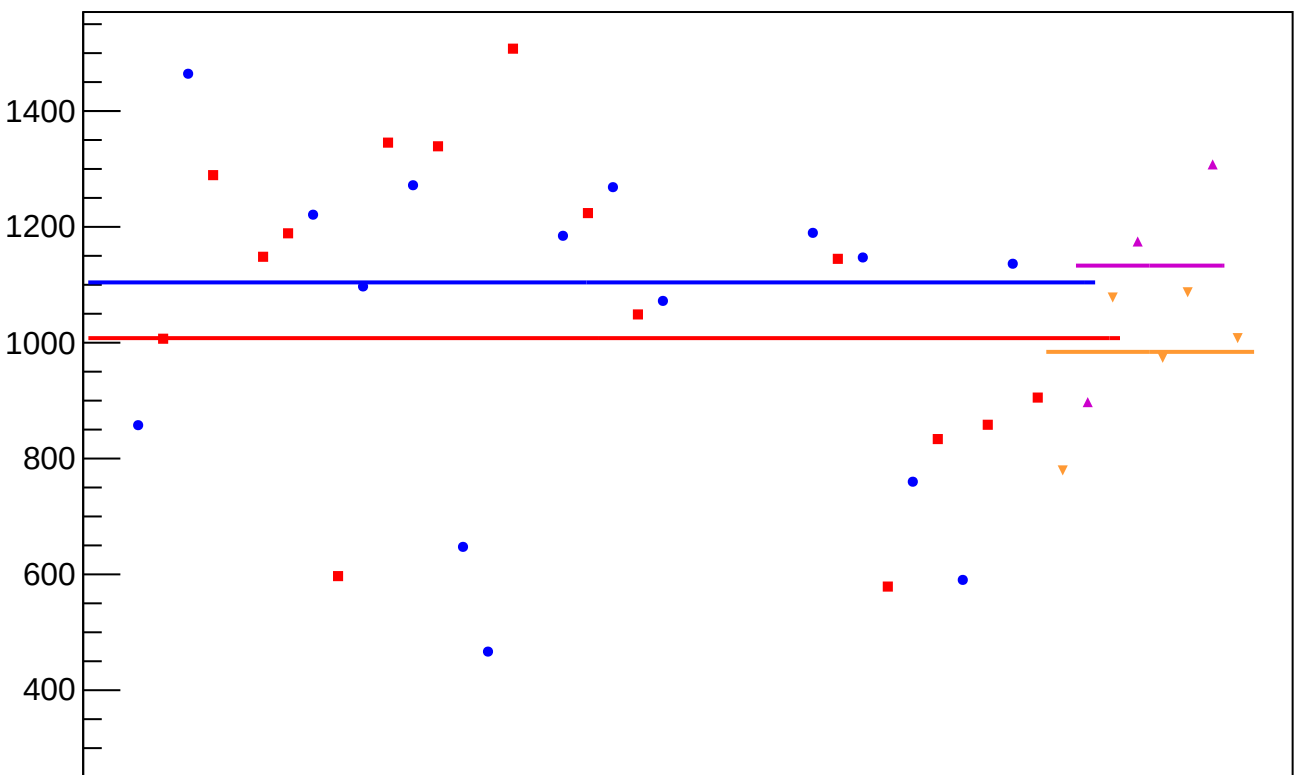
Left In: 498.709+/-0.000 χ^2/NDF:8175754140651919588073561912959303 68.0/2

+ sign 648.588+/-0.000 χ^2/NDF: 31828224417762 2

All: 671.721+/-0.000 χ^2/NDF: 61995074142 0

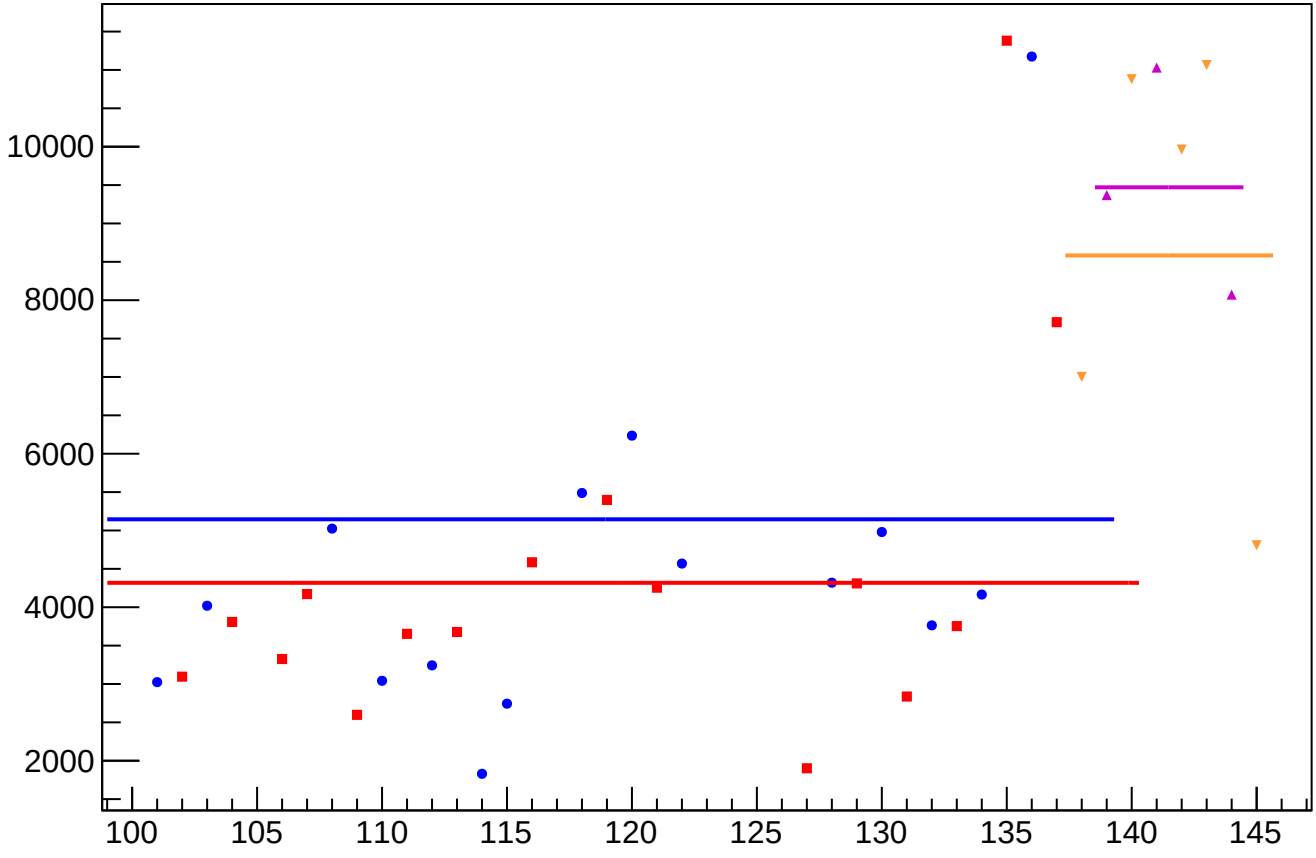
- sign 696.811+/-0.000 χ^2/NDF: 300552955674232

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

+ sign 6352.173+/-0.000 χ^2/NDF: 92041030855984

Left Out: 8583.023+/-0.000 χ^2/NDF:2239680004016863943279374702895182118912.0/4

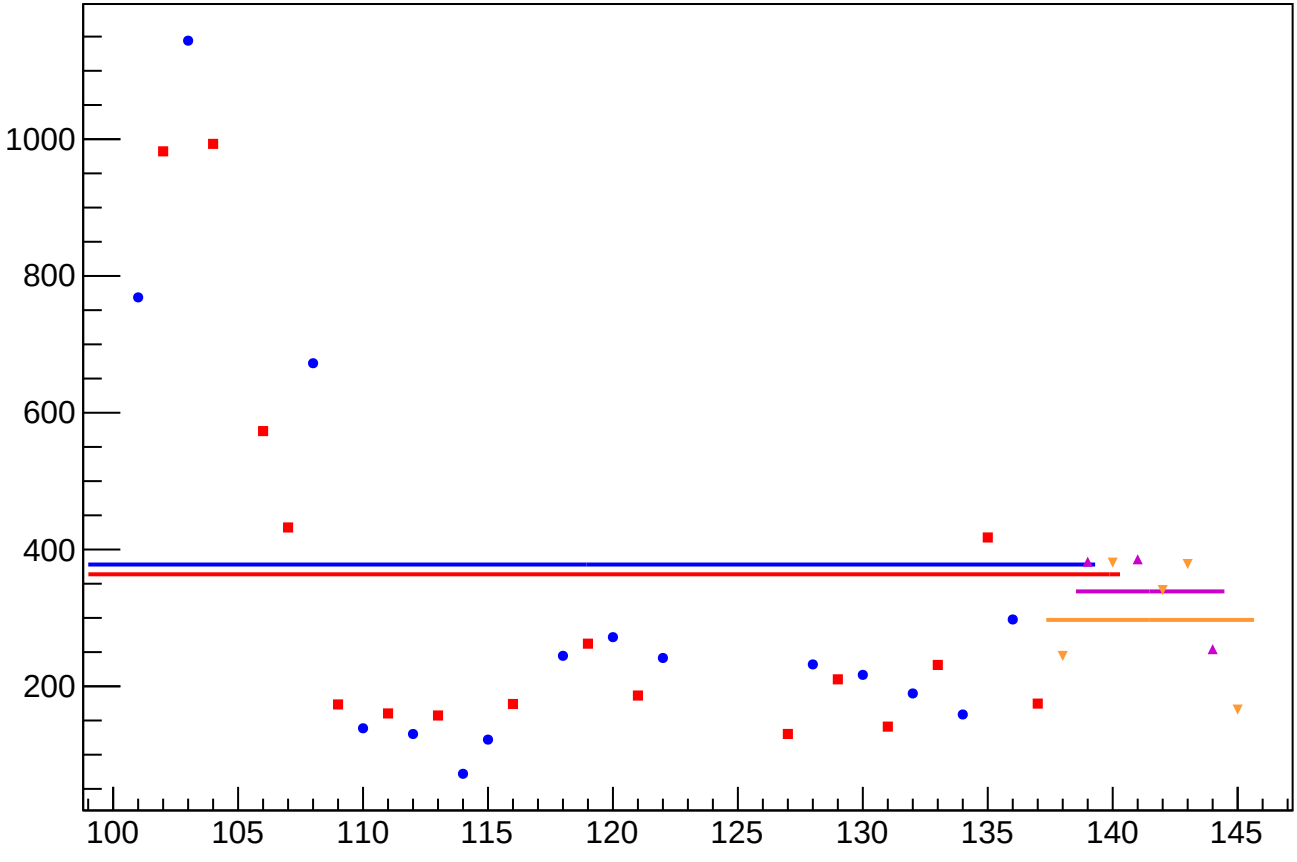
All: 6060.050+/-0.000 χ^2/NDF: 1800648850

Right Out: 4318.126+/-0.000 χ^2/NDF: 3345176554564755427312533888908526616576.0/15

- sign 5743.213+/-0.000 χ^2/NDF: 86244943859212

Left In: 9470.795+/-0.000 χ^2/NDF:3815354803063790504379194183796003962 88.0/2

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

+ sign 349.639+/-0.000 χ^2/NDF: 656769789863265

Left Out: 297.104+/-0.000 χ^2/NDF:266773309349724334840999534914227 4048.0/4

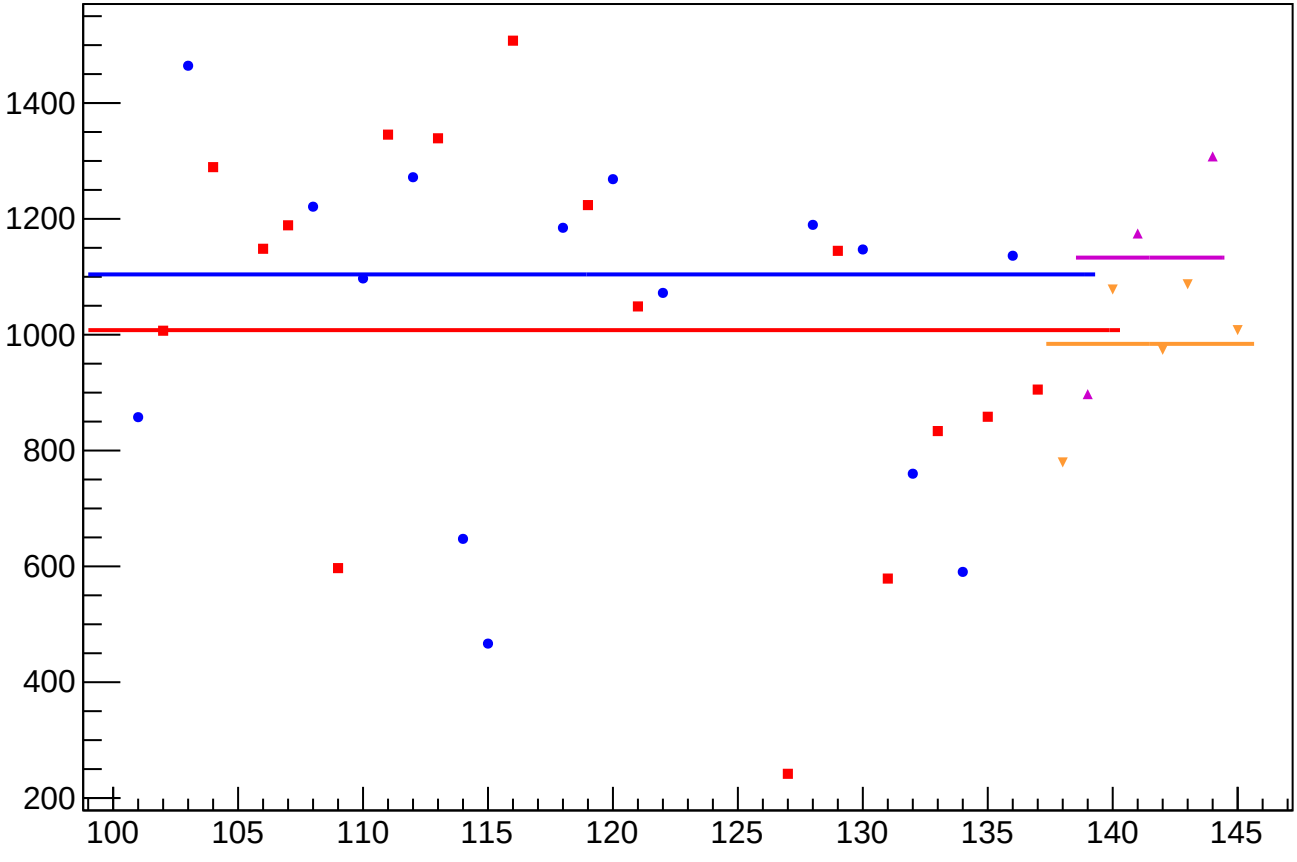
All: 353.101+/-0.000 χ^2/NDF: 12582374640 9

Right Out: 363.772+/-0.000 χ^2/NDF: 590313374847098018041814393427066 88000.0/15

- sign 356.855+/-0.000 χ^2/NDF: 601217940433793

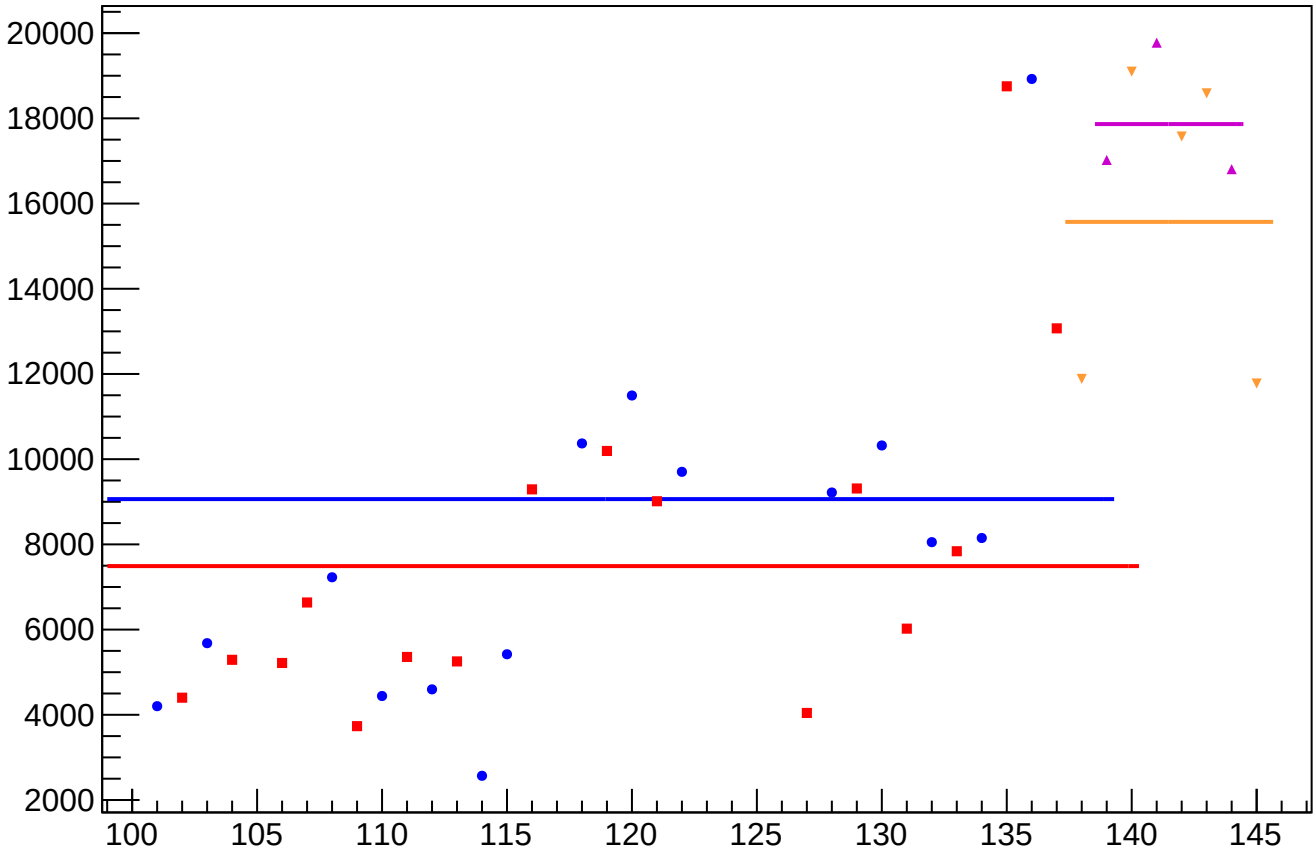
Left In: 338.760+/-0.000 χ^2/NDF:975043469437948693057834620200943616.0/2

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

Left Out: 15569.734+/-0.000 χ^2/NDF:39963315929790966028101458797378309980 16.0/4

Right Out: 7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

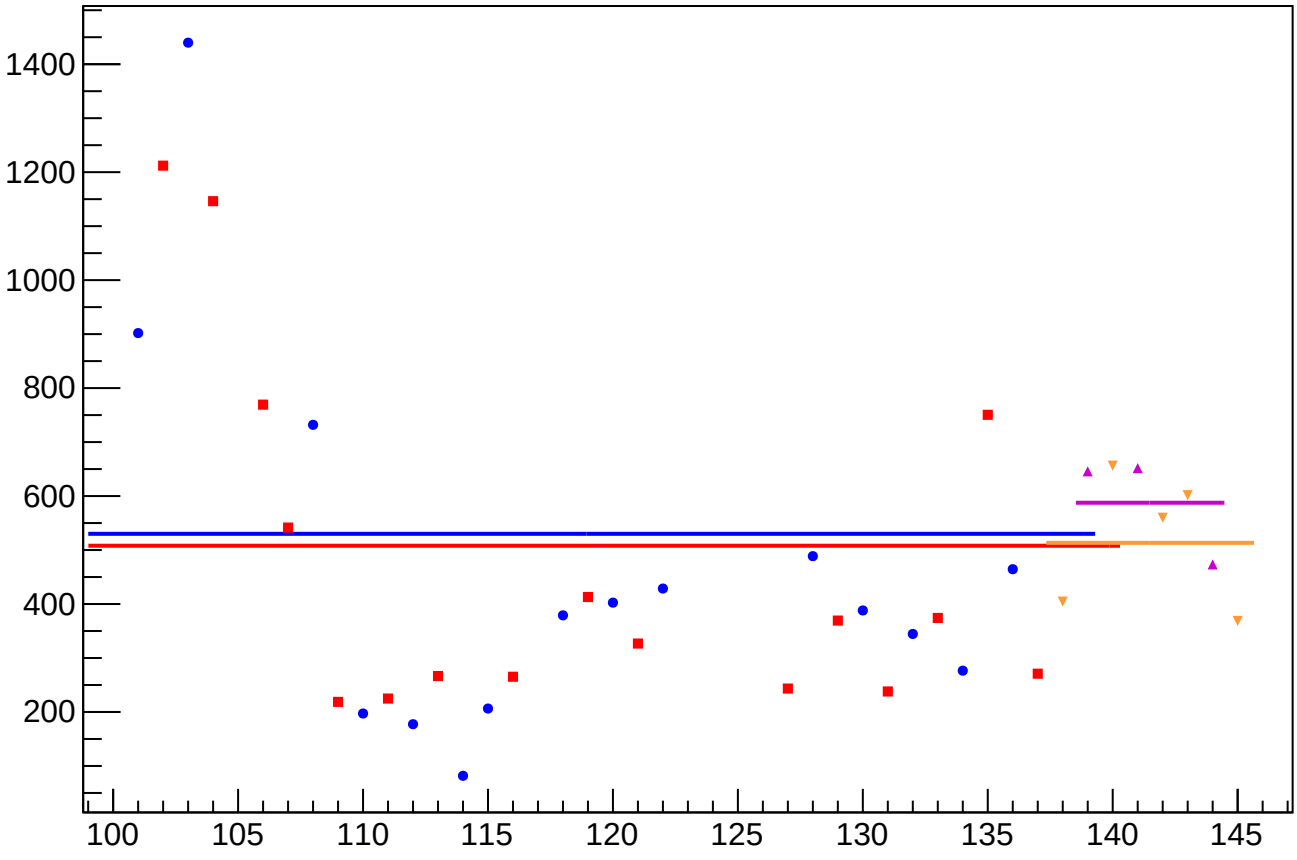
Left In: 17865.694+/-0.000 χ^2/NDF:4673809683577646399066688751379184353 28.0/2

+ sign 11346.675+/-0.000 χ^2/NDF: 272627193701 2

All: 10873.234+/-0.000 χ^2/NDF: 581645451 3

- sign 10359.740+/-0.000 χ^2/NDF: 304345692942 4

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF: 78754676063063255524046471751880671232.0/14

Left Out: 513.350+/-0.000 χ^2/NDF:4855520498970218322285264102186024960.0/4

Right Out: 507.987+/-0.000 χ^2/NDF: 7668973469830846433788184196955504640 0.0/15

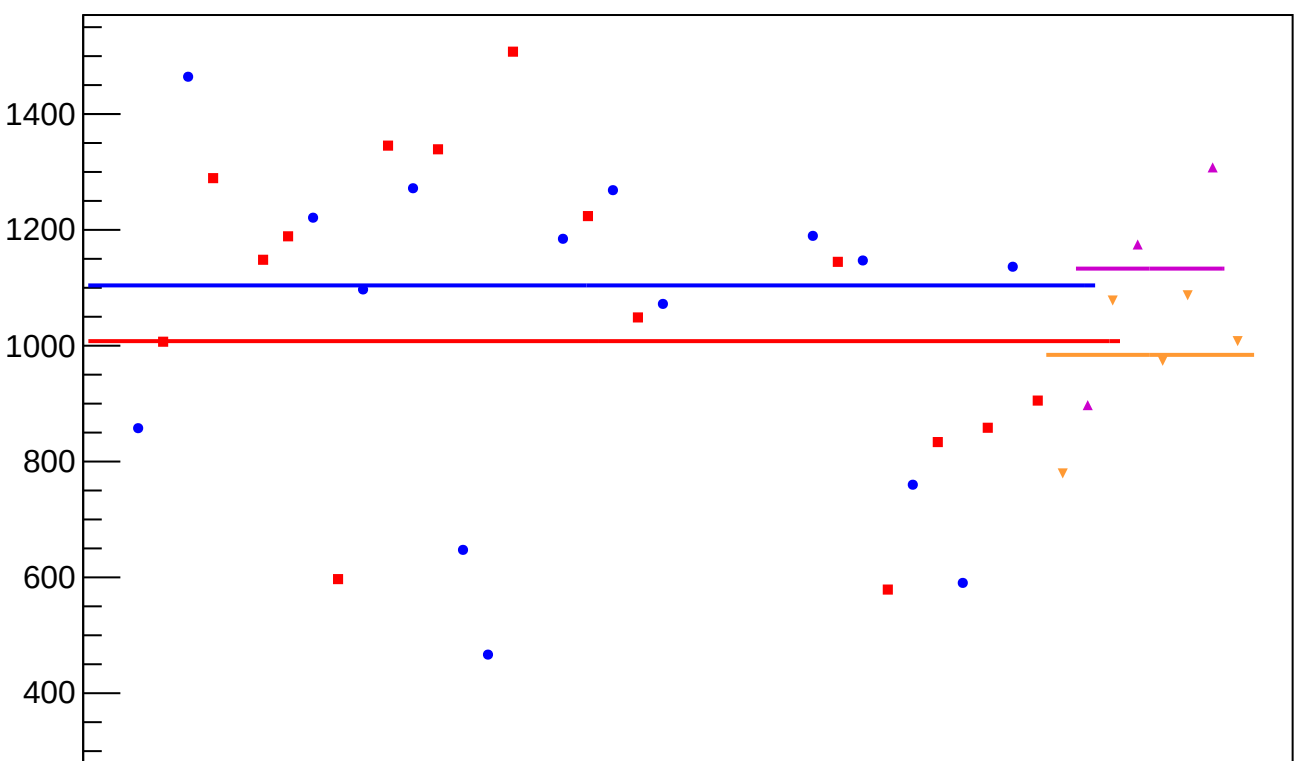
Left In: 587.621+/-0.000 χ^2/NDF:17853312891496322725920638753361100 80.0/2

+ sign 524.193+/-0.000 χ^2/NDF: 836737843339368

All: 526.984+/-0.000 χ^2/NDF: 16333493772 6

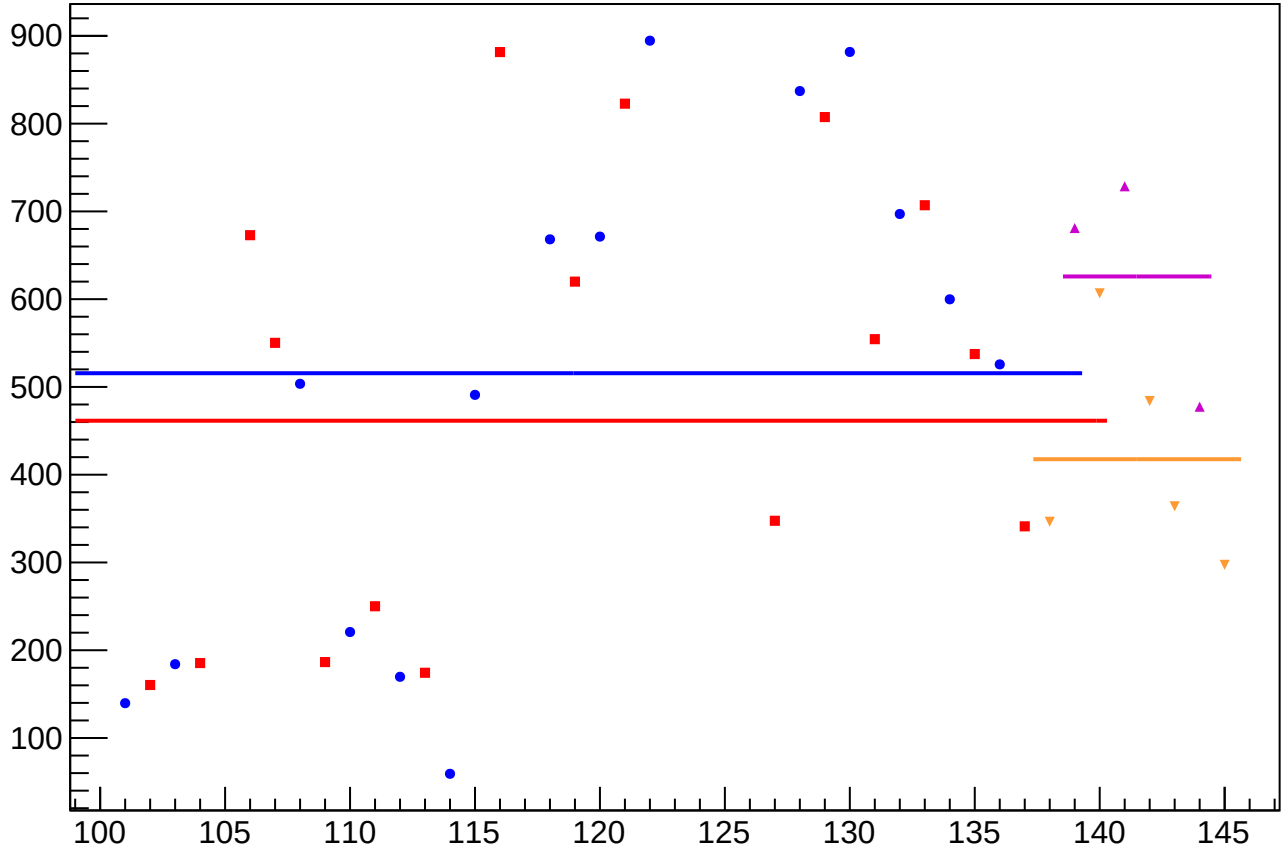
- sign 530.011+/-0.000 χ^2/NDF: 796449137777912

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14

Left Out: 417.662+/-0.000 χ^2/NDF:485067623311446218066454847289504563 2.0/4

Right Out: 461.497+/-0.000 χ^2/NDF: 404737466600913559280633068843685642 24.0/15

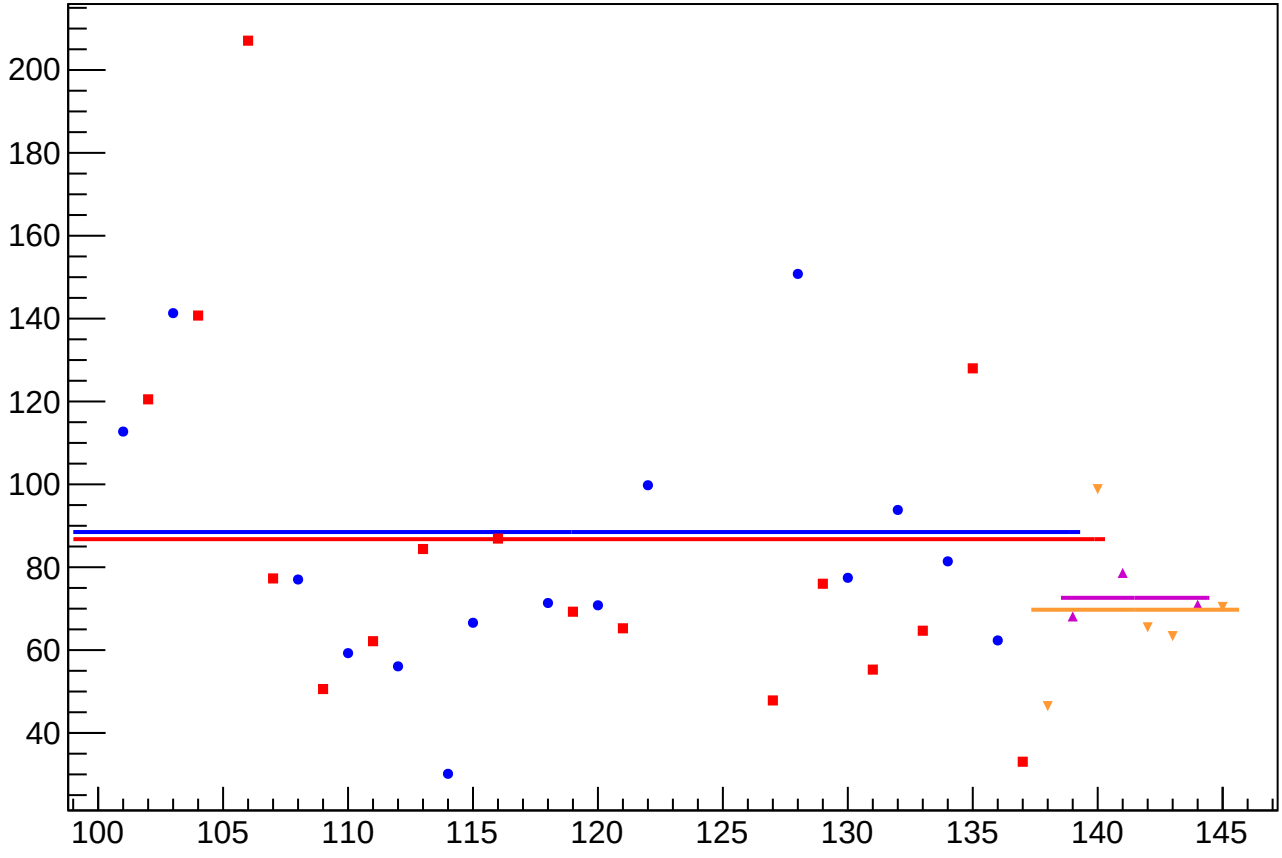
Left In: 625.869+/-0.000 χ^2/NDF:310365629431152062613338578185355264 0.0/2

+ sign 481.247+/-0.000 χ^2/NDF: 55502686449842 8

All: 493.580+/-0.000 χ^2/NDF: 10438132417 7

- sign 506.958+/-0.000 χ^2/NDF: 485615196862587

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

Left Out: 69.745+/-0.000 χ^2/NDF:115231496619254031022211751082983424.0/4

Right Out: 86.773+/-0.000 χ^2/NDF: 105920676631408602124052500322870886 4.0/15

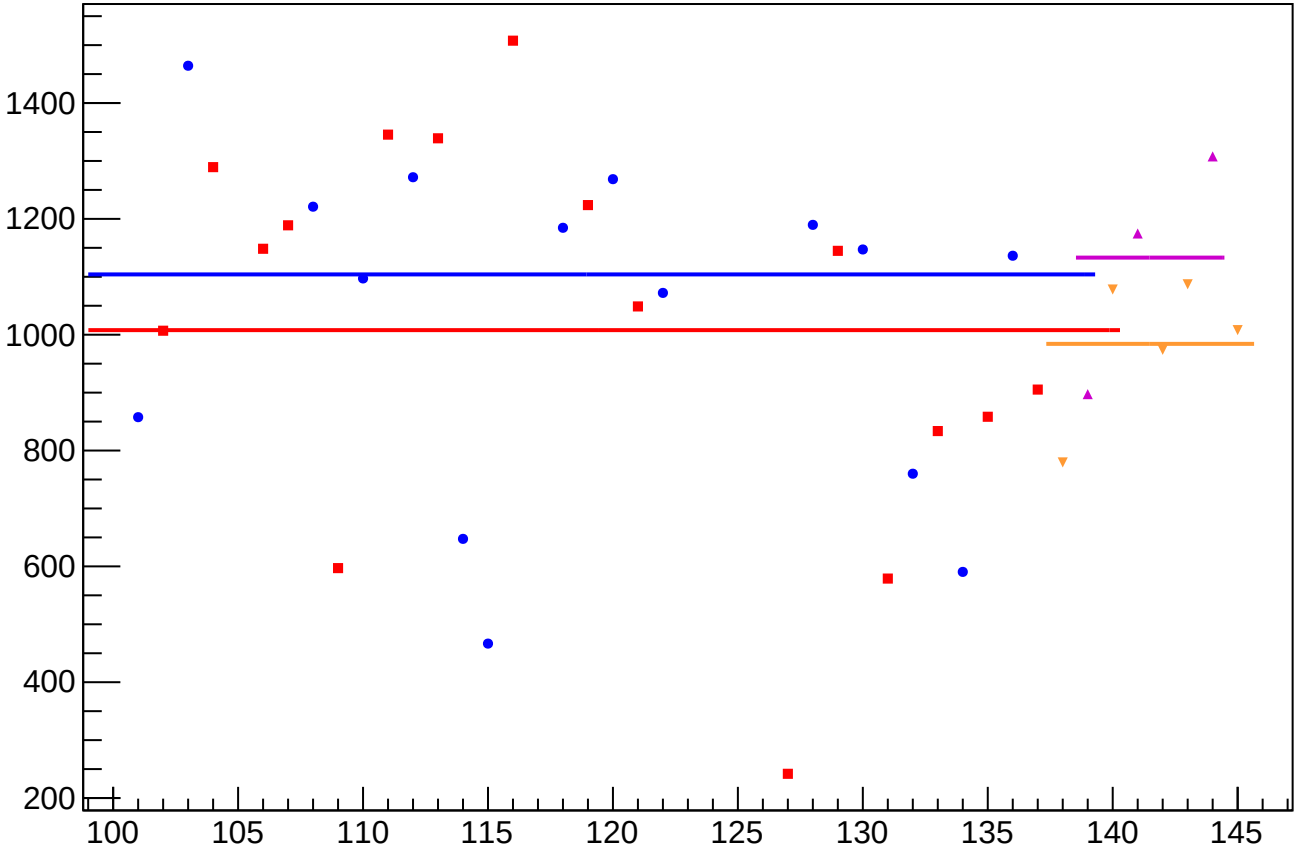
Left In: 72.618+/-0.000 χ^2/NDF:494894732262061487661212641316044 8.0/2

+ sign 81.913+/-0.000 χ^2/NDF: 8385271352446910

All: 82.366+/-0.000 χ^2/NDF: 194007852303 8

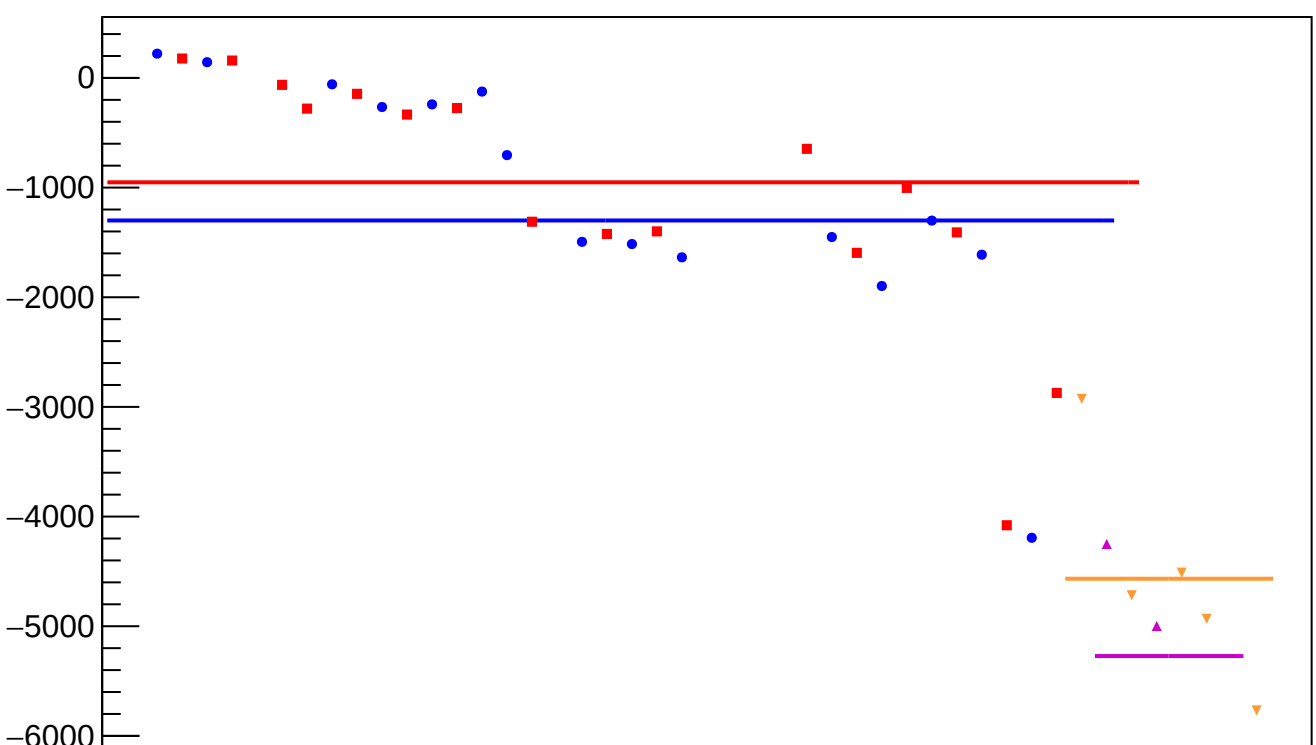
- sign 82.858+/-0.000 χ^2/NDF: 1101122377580995

dit_sam5_coil3_Ndata_mean vs Slug



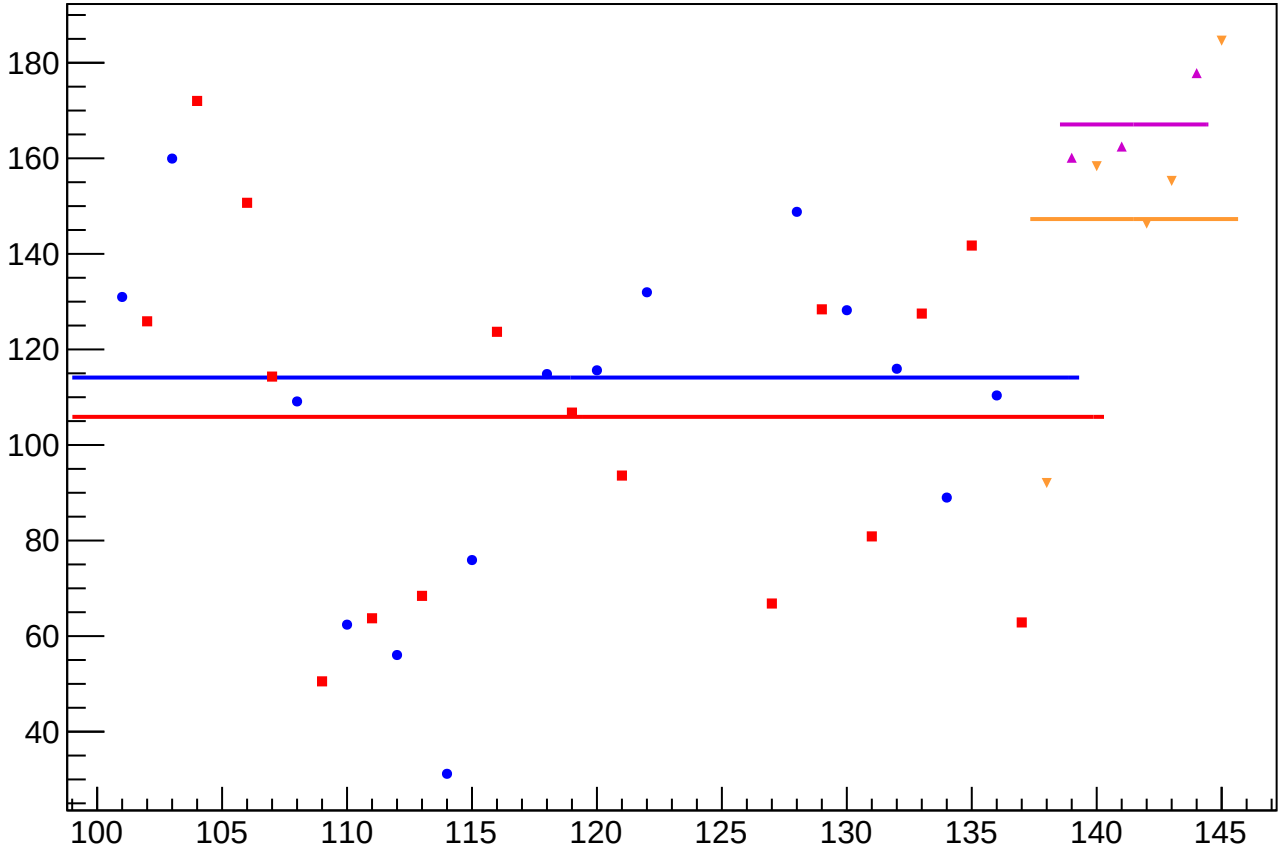
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000 χ^2/NDF: 11996492521632163670864086915775243223 04.0/14
+ sign -2446.622+/-0.000 χ^2/NDF: 3964478324096
Left Out: -4566.908+/-0.000 χ^2/NDF:333458502561176635946697944055305732096.0/4
All: -2302.756+/-0.000 χ^2/NDF: 8509364456
Right Out: -951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
- sign -2146.719+/-0.000 χ^2/NDF: 4501740232574 4
Left In: -5271.982+/-0.000 χ^2/NDF:217572147147716974471493158039428530176.0/2

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Left Out: 147.289+/-0.000 χ^2/NDF:36114904822777607915347664482546483 2.0/4

Right Out: 105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

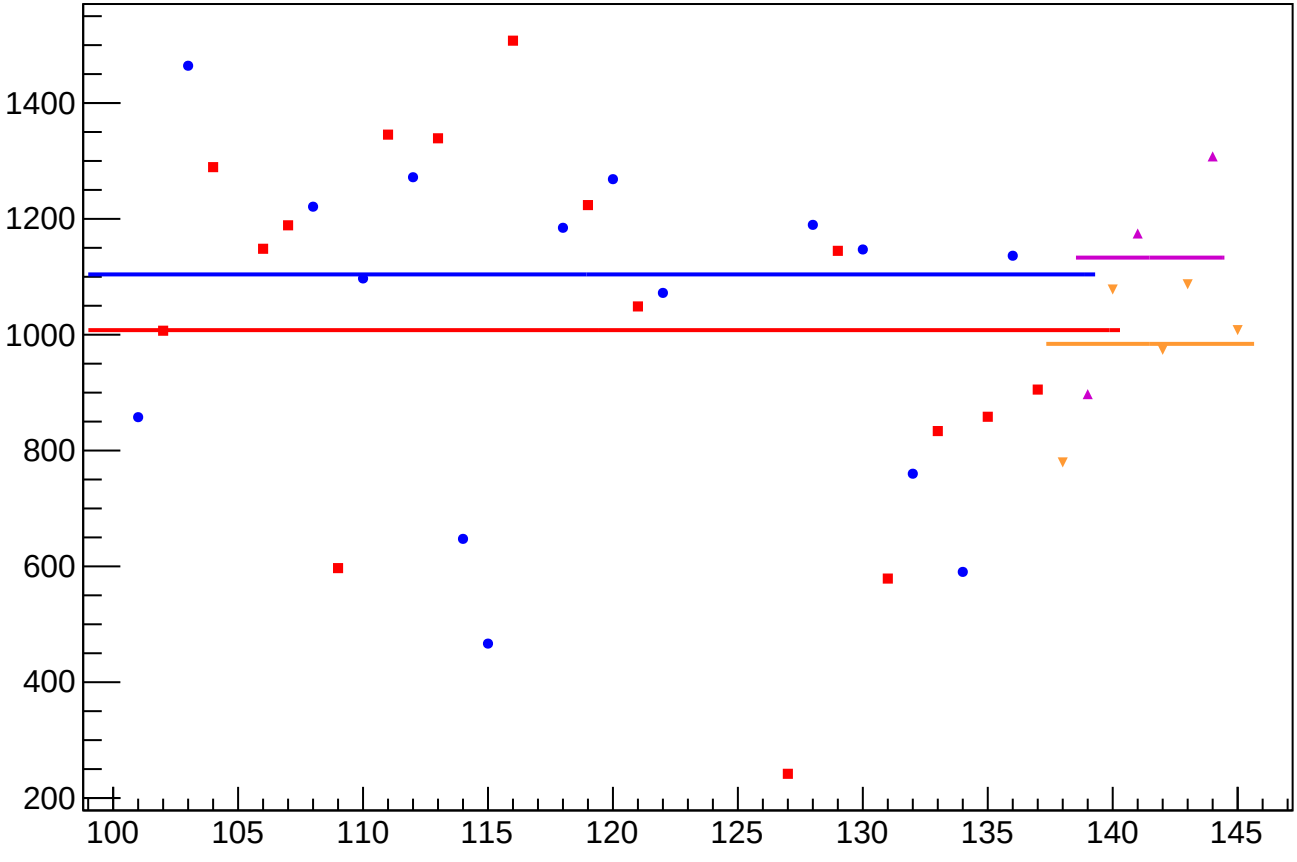
Left In: 167.089+/-0.000 χ^2/NDF:160241372028024634292059157351628 80.0/2

+ sign 125.761+/-0.000 χ^2/NDF: 121903009168983

All: 124.348+/-0.000 χ^2/NDF: 27820001850

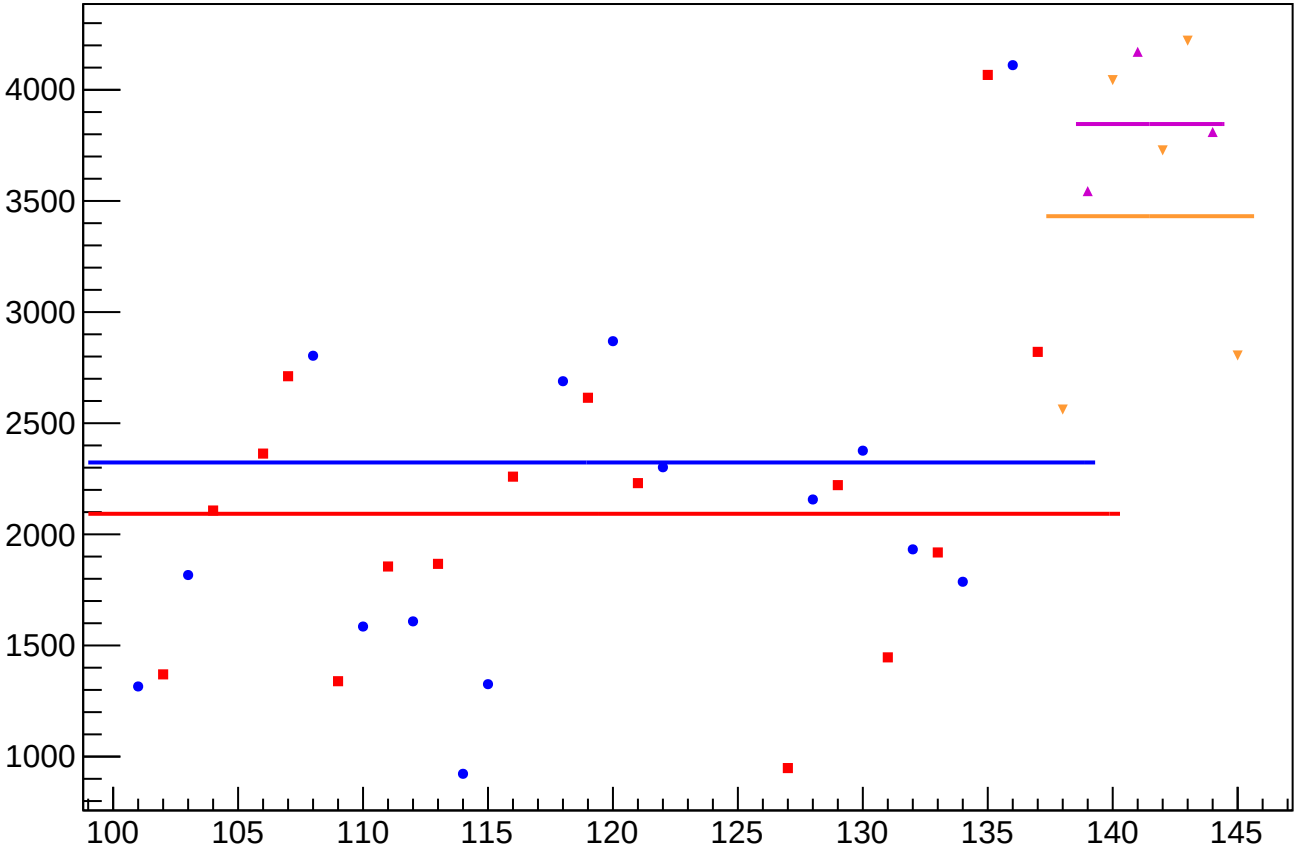
- sign 122.816+/-0.000 χ^2/NDF: 155880857365881

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

+ sign 2712.305+/-0.000 χ^2/NDF: 9223026524486

Left Out: 3431.442+/-0.000 χ^2/NDF:1662353653425555384308346858072262574 08.0/4

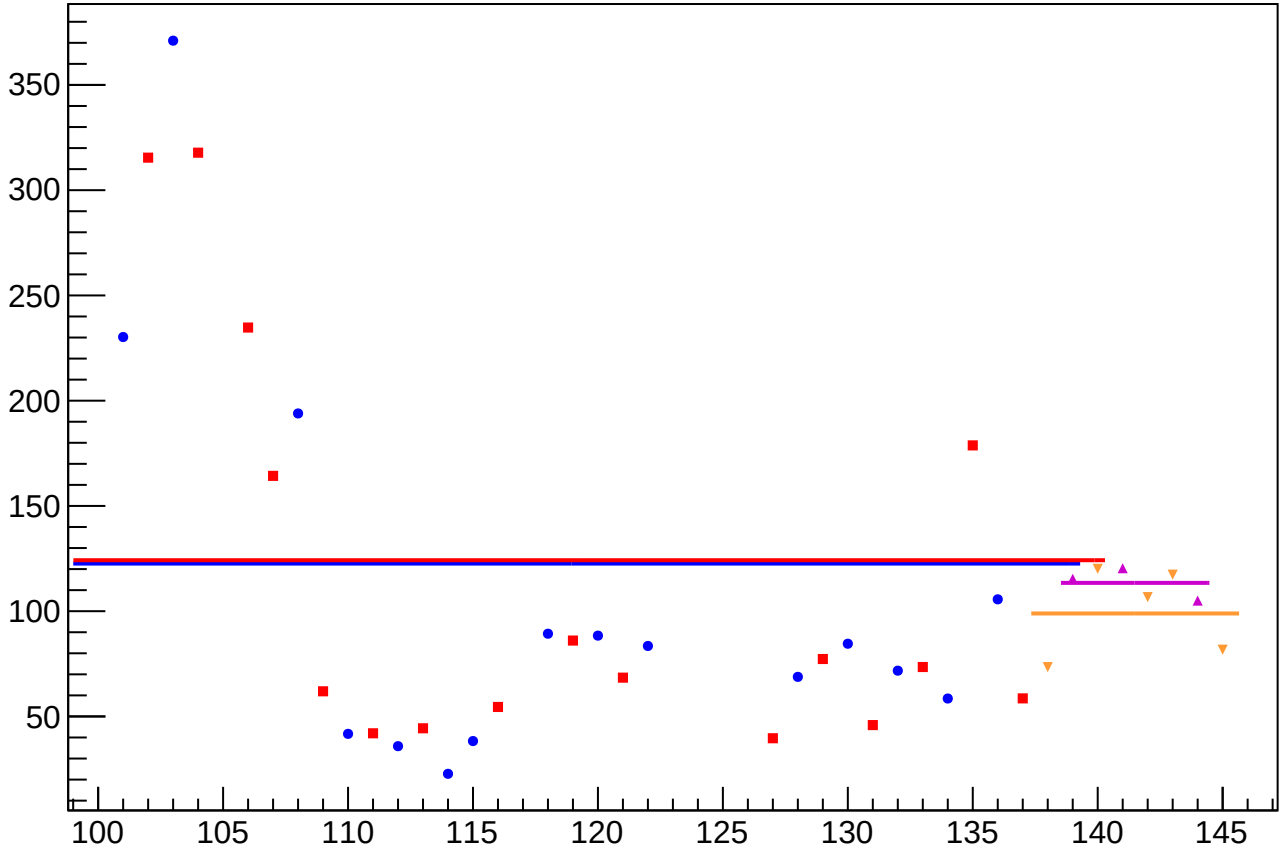
All: 2647.625+/-0.000 χ^2/NDF: 1881946453

Right Out: 2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

- sign 2577.475+/-0.000 χ^2/NDF: 95092309971121

Left In: 3846.125+/-0.000 χ^2/NDF:164751277675168607373268175814991544 32.0/2

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

+ sign 114.302+/-0.000 χ^2/NDF: 62017046422613

Left Out: 98.917+/-0.000 χ^2/NDF:1361926088192211853816739943562608 64.0/4

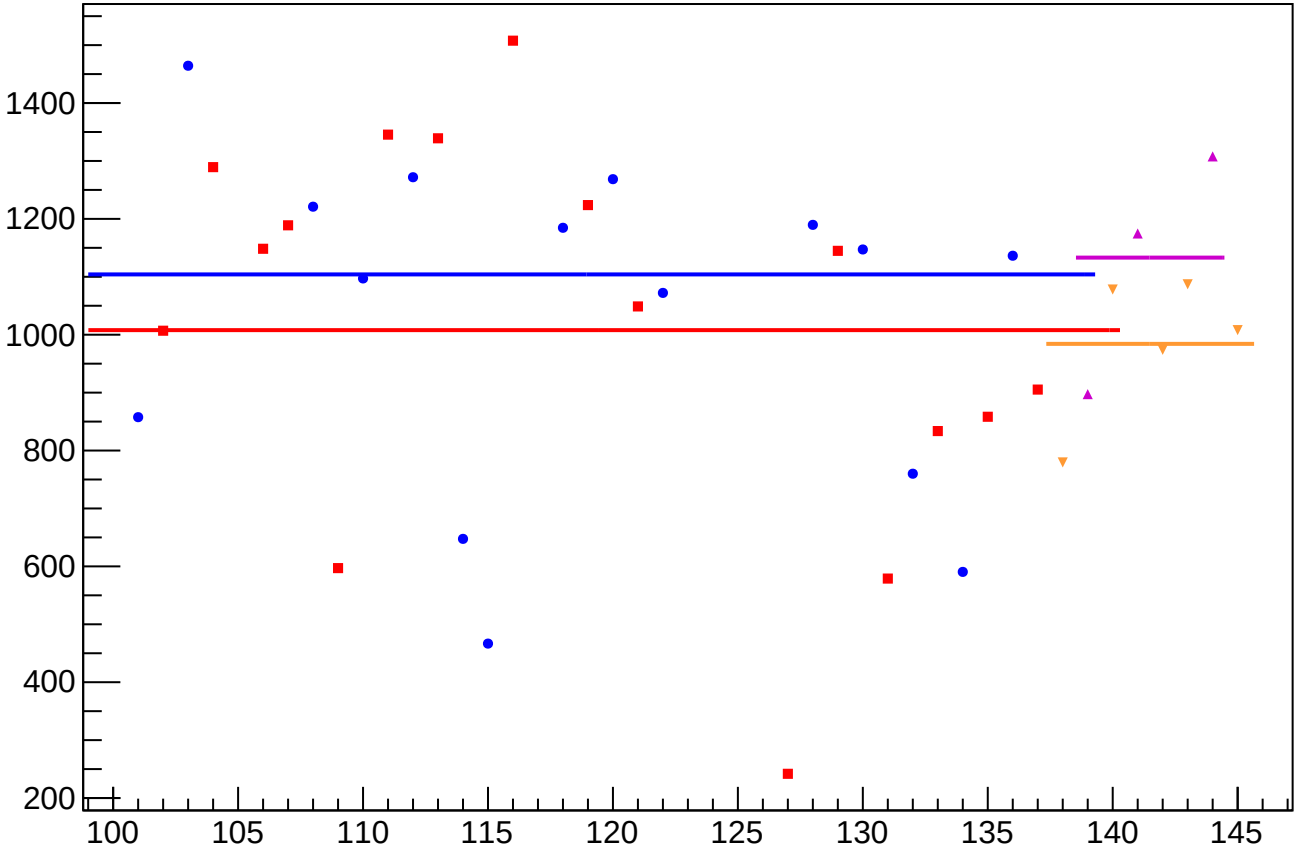
All: 117.630+/-0.000 χ^2/NDF: 12806522870

Right Out: 124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

- sign 121.239+/-0.000 χ^2/NDF: 658172782798881

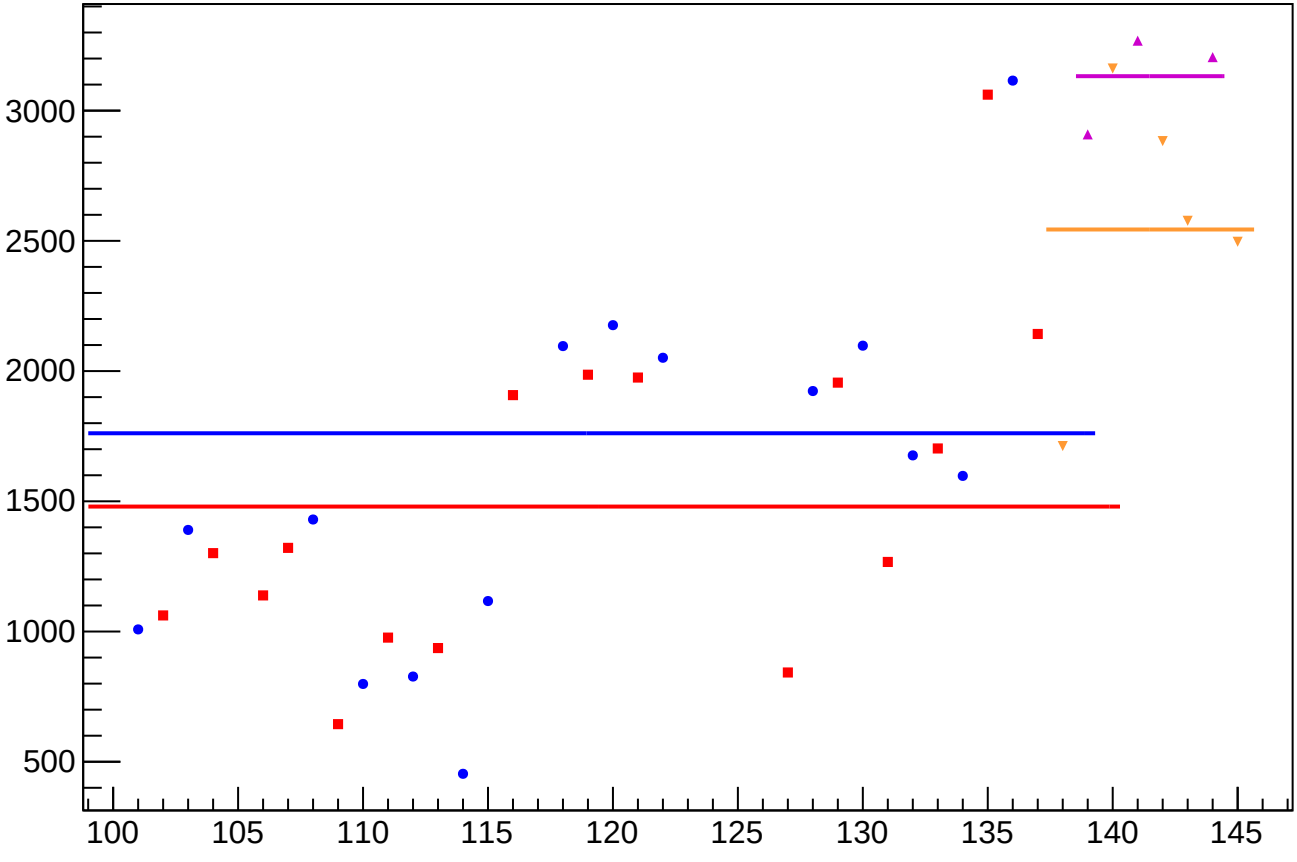
Left In: 113.453+/-0.000 χ^2/NDF:1072722375042606472898496307606323 2.0/2

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Left Out: 2543.648+/-0.000 χ^2/NDF:908127187121554539008772141851250524 16.0/4

Right Out: 1479.801+/-0.000 χ^2/NDF: 2634677681347809688325512386092361318 40.0/15

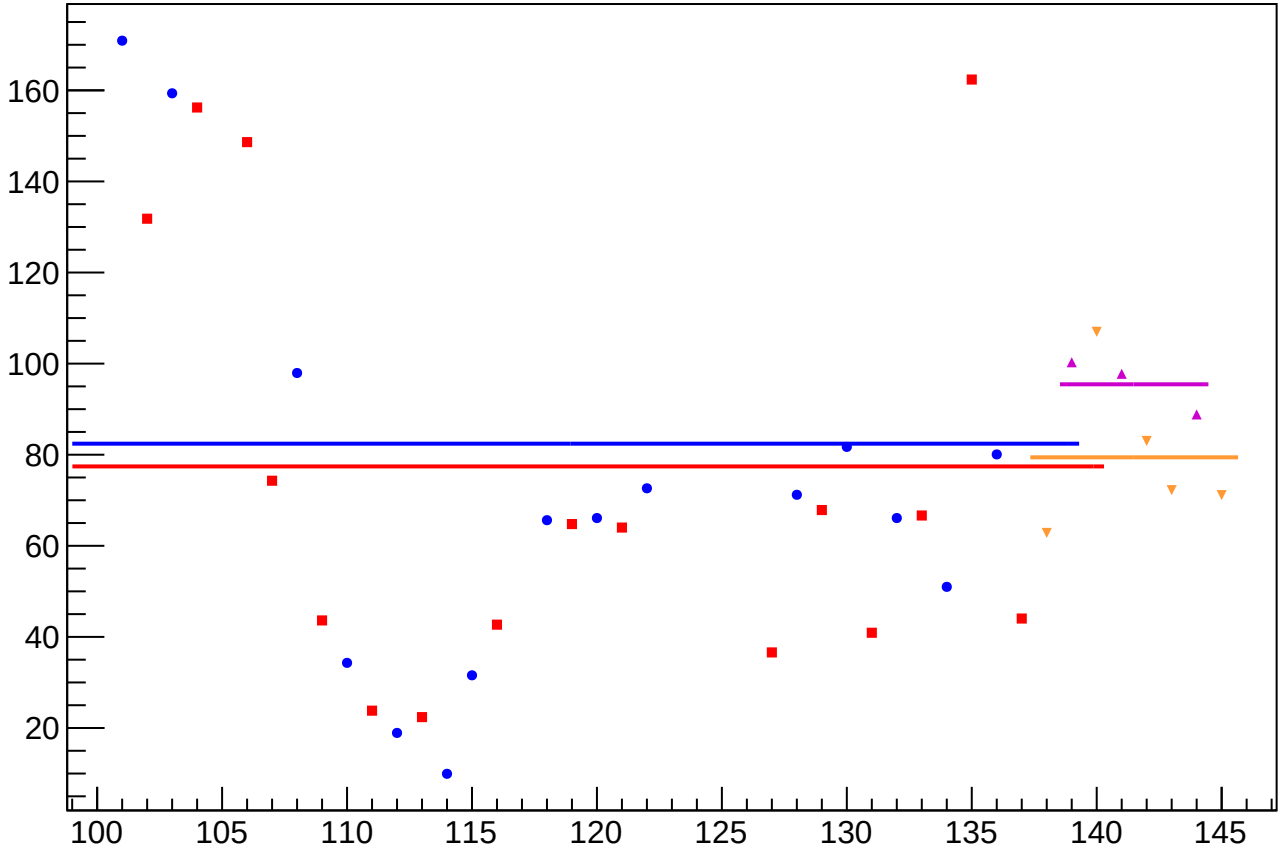
Left In: 3132.307+/-0.000 χ^2/NDF:6100210108906256631027046000132882432.0/2

+ sign 2035.868+/-0.000 χ^2/NDF: 5624678448379 4

All: 1988.363+/-0.000 χ^2/NDF: 1340497524 4

- sign 1936.839+/-0.000 χ^2/NDF: 7733252372471 9

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

+ sign 81.371+/-0.000 χ^2/NDF: 1358900945554698

Left Out: 79.427+/-0.000 χ^2/NDF:9322435220105268673905264837210931 2.0/4

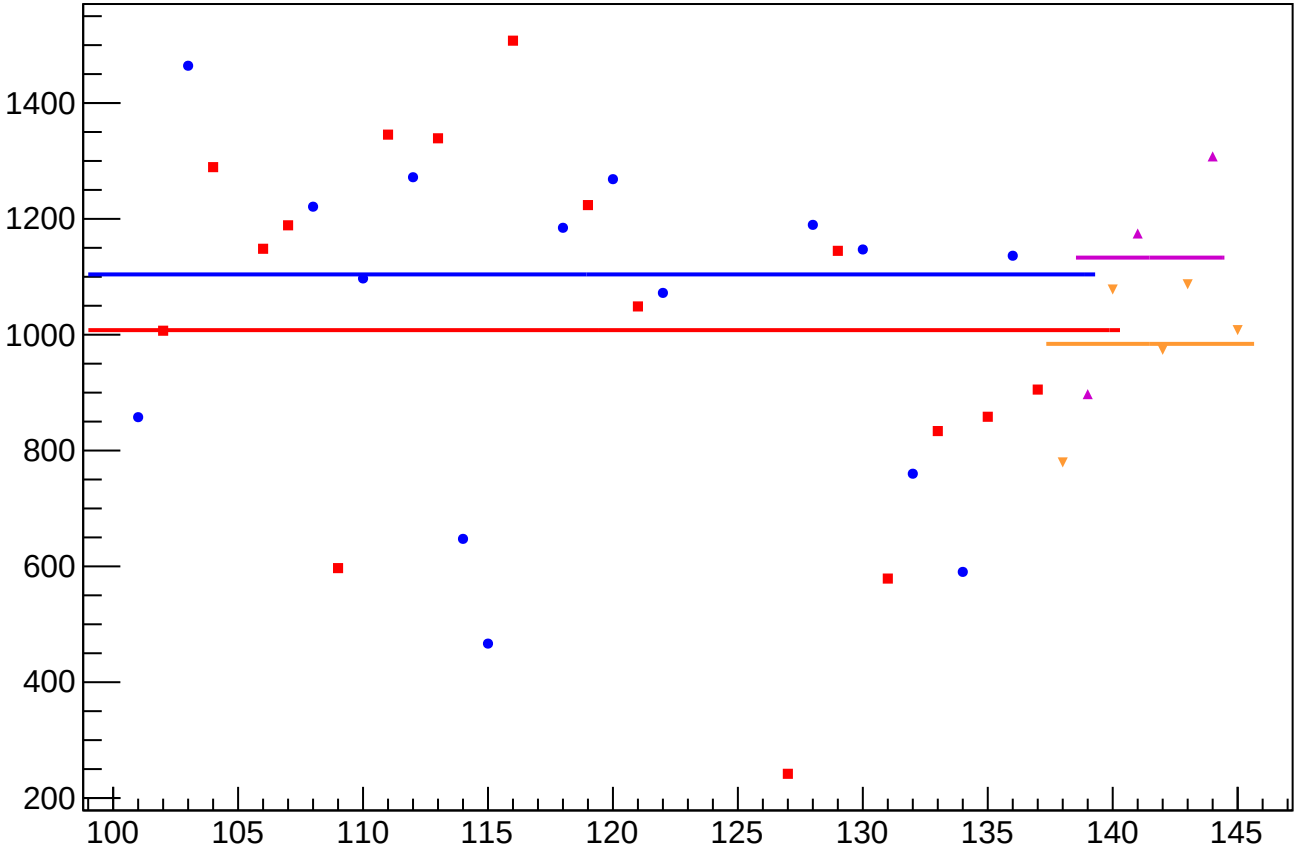
All: 81.872+/-0.000 χ^2/NDF: 2941084261076

Right Out: 77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

- sign 82.416+/-0.000 χ^2/NDF: 1581658898954401

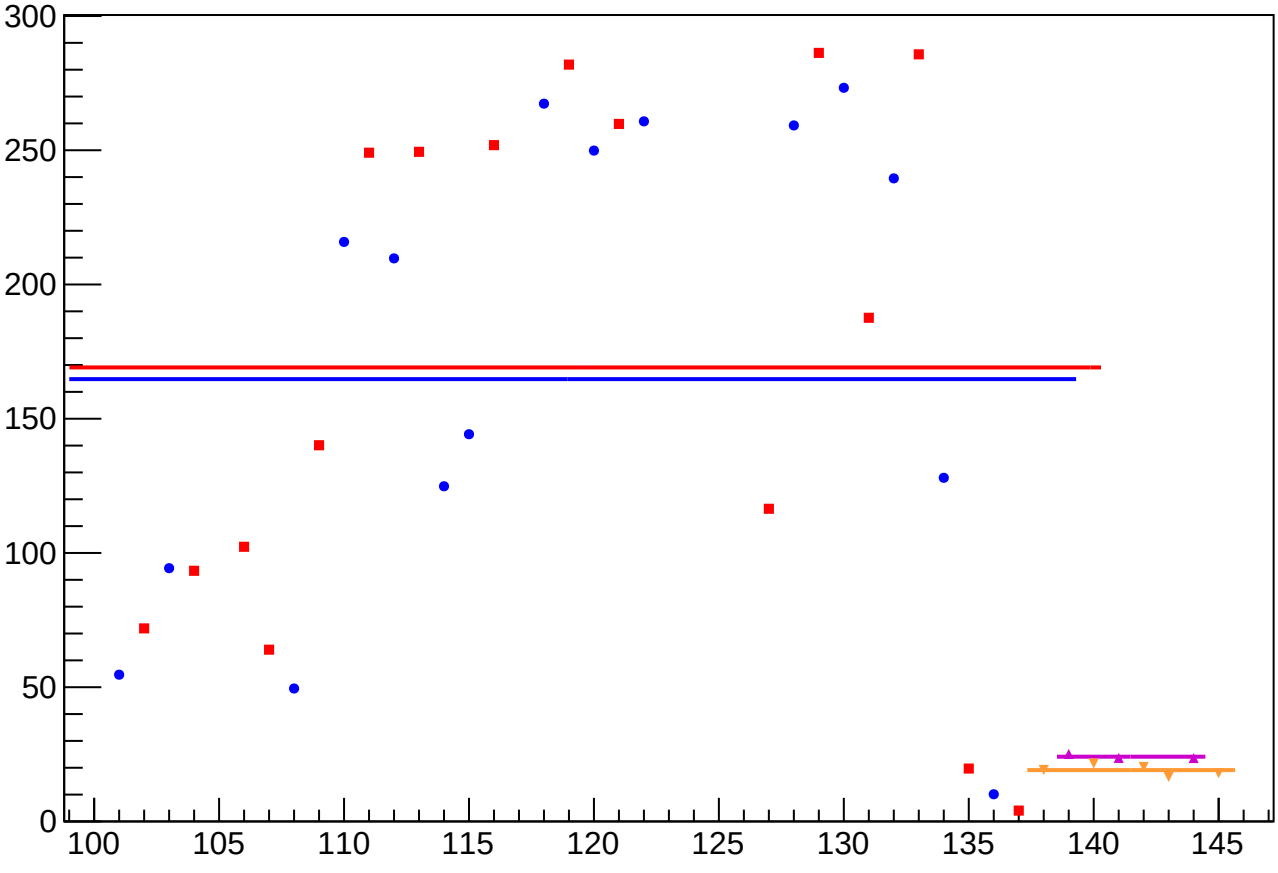
Left In: 95.459+/-0.000 χ^2/NDF:6237963989028409568753279991545856.0/2

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1062.018+/-0.000 χ^2/NDF: 40762514178040
Left Out: 984.188+/-0.000 χ^2/NDF:474858051252323112476534361337259622 4.0/4
All: 1052.673+/-0.000 χ^2/NDF: 1202804099 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1042.537+/-0.000 χ^2/NDF: 79335839516083
Left In: 1133.122+/-0.000 χ^2/NDF:736558454085333159280828219291336704 0.0/2

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

+ sign 113.637+/-0.000 χ^2/NDF: 112018260211034

Left Out: 19.126+/-0.000 χ^2/NDF:109494865925740045203489640205516 8.0/4

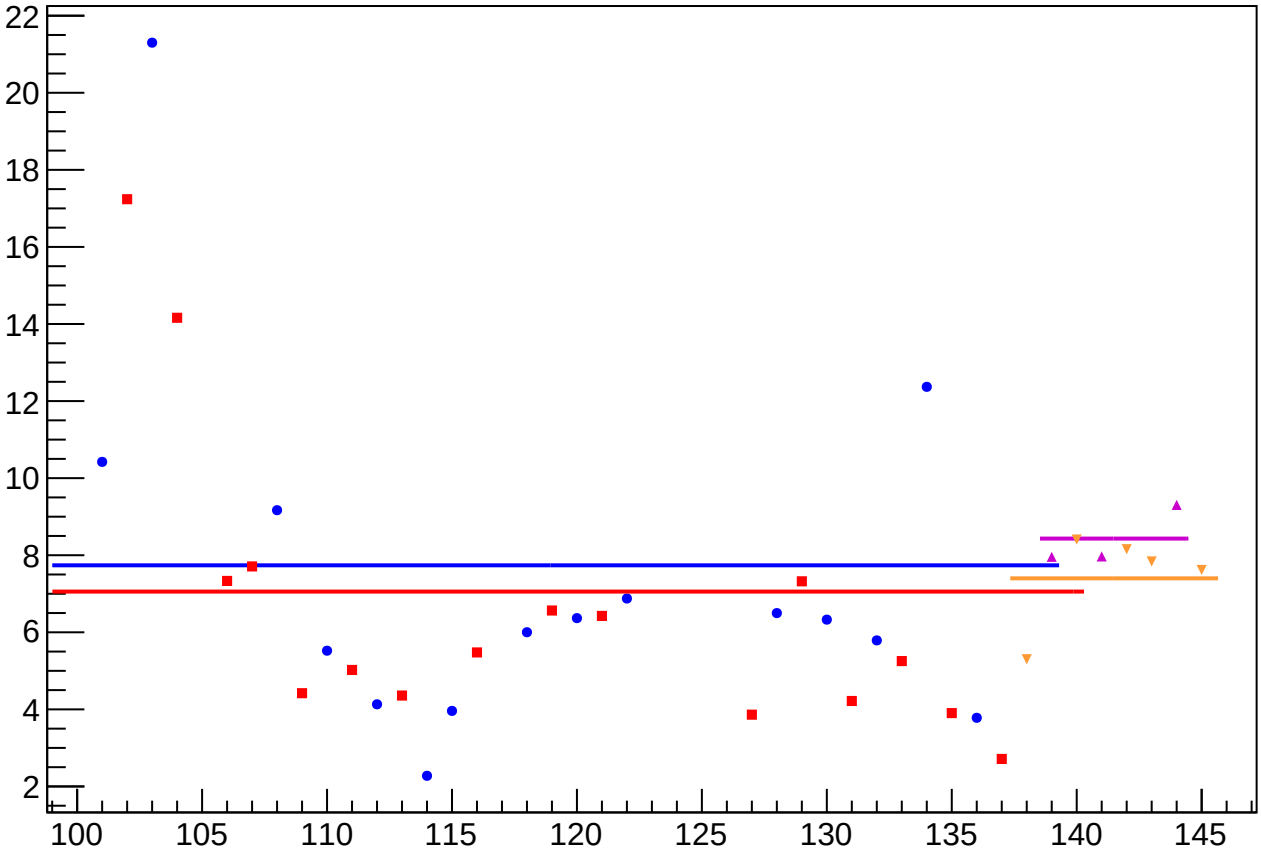
All: 121.011+/-0.000 χ^2/NDF: 21233808018 3

Right Out: 169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

- sign 129.008+/-0.000 χ^2/NDF: 991863671602680

Left In: 24.122+/-0.000 χ^2/NDF:122786044110205898100488542355456.0/2

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF: 15127215479234506007469492768079872.0/14

+ sign 7.620+/-0.000 χ^2/NDF: 1562317475664480

Left Out: 7.400+/-0.000 χ^2/NDF:46990791192816242249115649651507 2.0/4

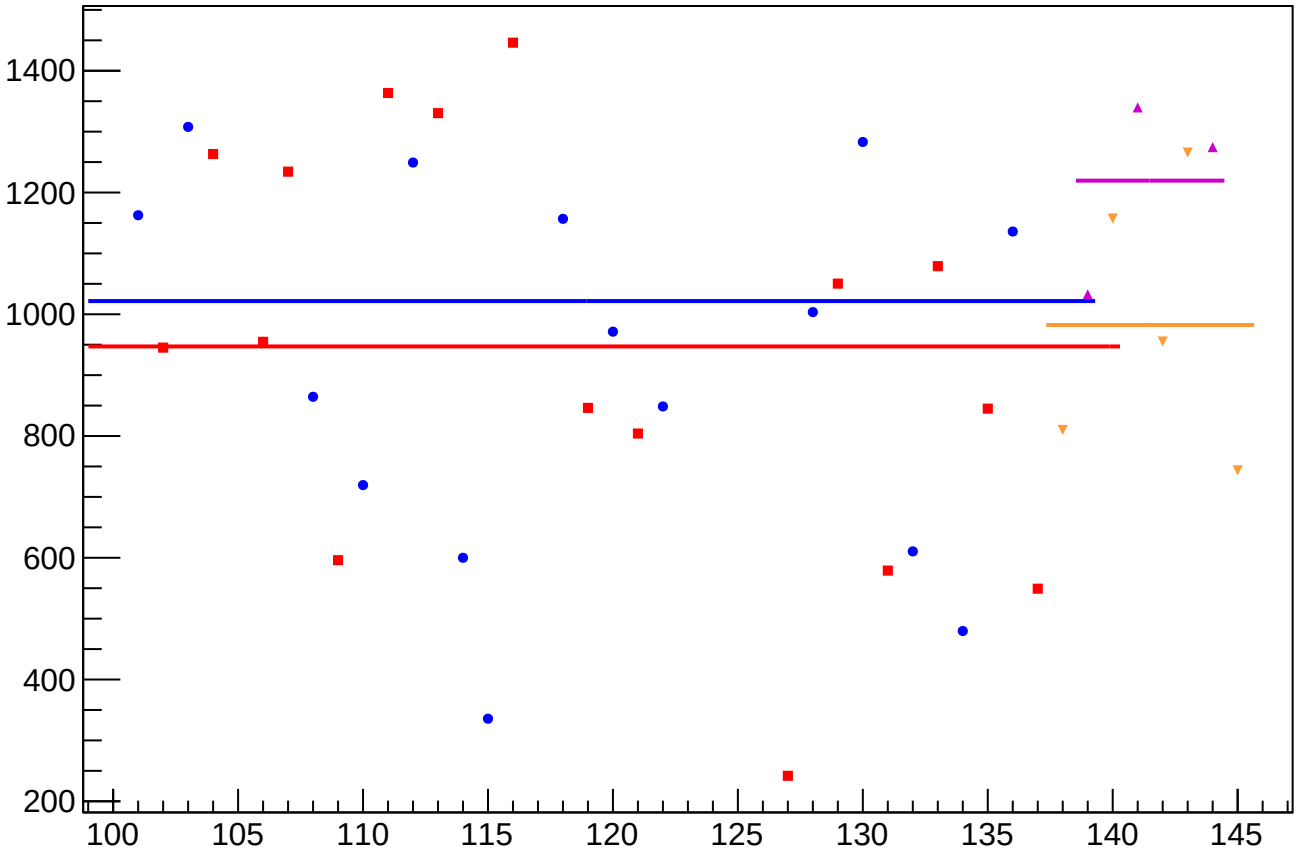
All: 7.532+/-0.000 χ^2/NDF: 2738465919534

Right Out: 7.057+/-0.000 χ^2/NDF: 11292441204139394792341242753581056.0/15

- sign 7.437+/-0.000 χ^2/NDF: 11745514364558059

Left In: 8.432+/-0.000 χ^2/NDF:10432731238375692190515679408 9472.0/2

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

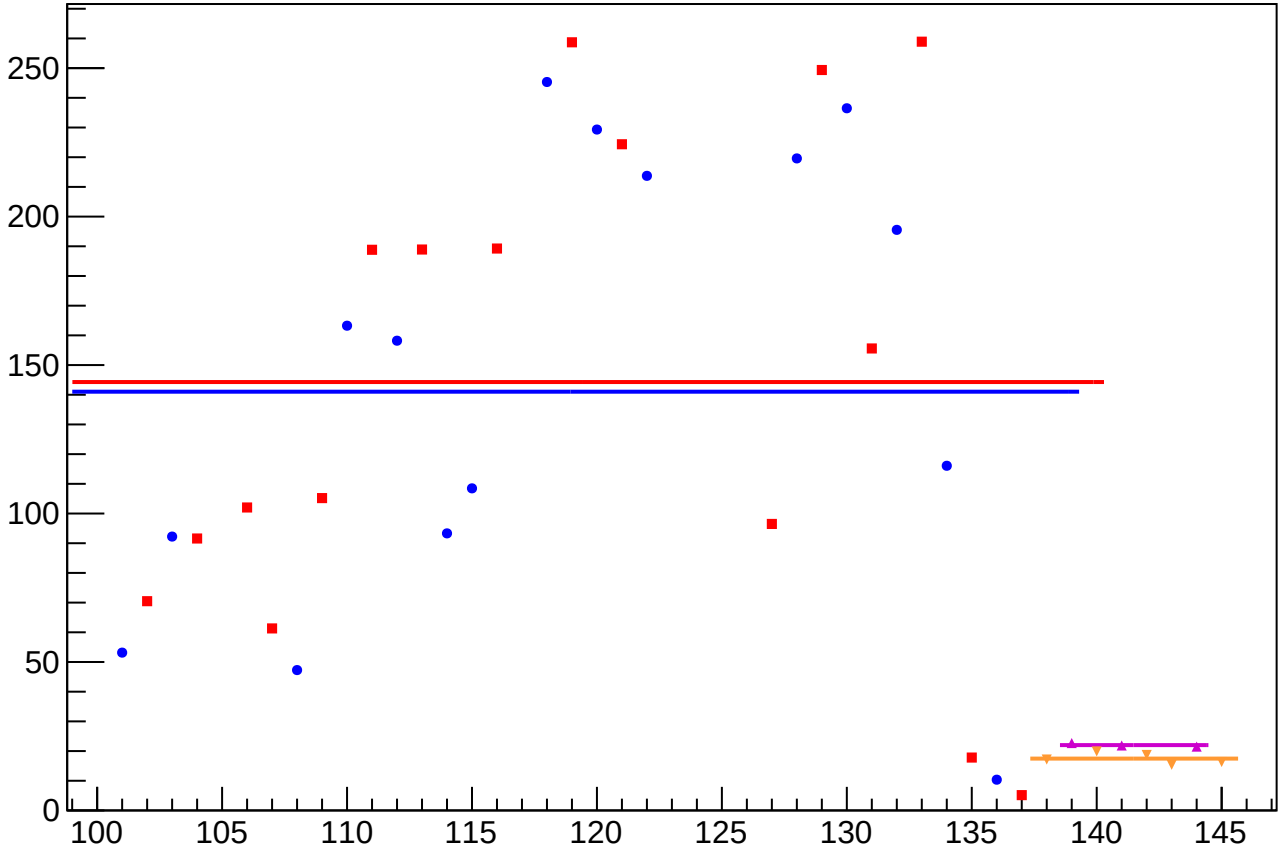
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

+ sign 97.660+/-0.000 χ^2/NDF: 798715722632968

Left Out: 17.465+/-0.000 χ^2/NDF:9515651067099509637816366871347 20.0/4

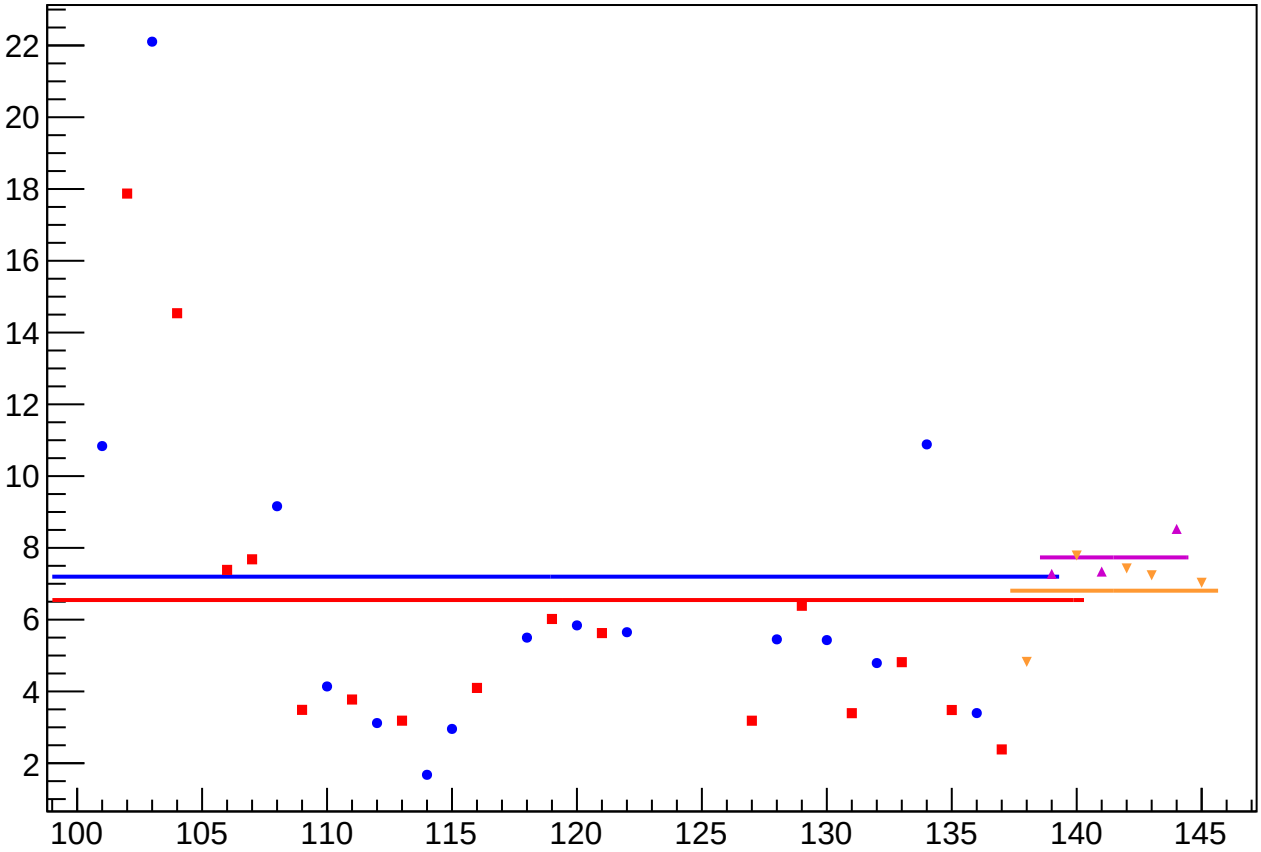
All: 103.803+/-0.000 χ^2/NDF: 15092236429

Right Out: 144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

- sign 110.466+/-0.000 χ^2/NDF: 702640995024294

Left In: 22.010+/-0.000 χ^2/NDF:6317163072143533737890512109 5680.0/2

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

+ sign 7.061+/-0.000 χ^2/NDF: 1866710674140656

Left Out: 6.807+/-0.000 χ^2/NDF:41969279051403133848313002563993 6.0/4

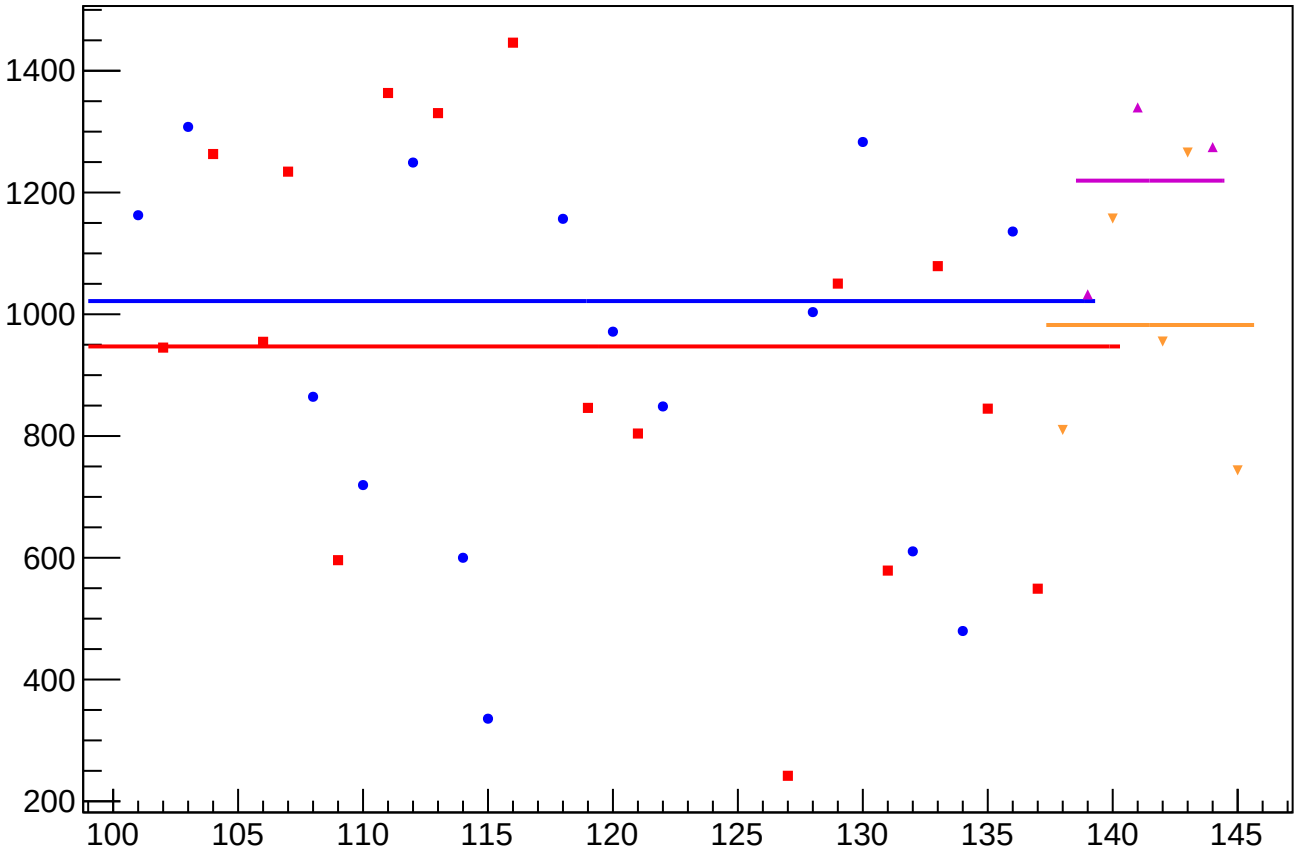
All: 6.972+/-0.000 χ^2/NDF: 3310923640895

Right Out: 6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

- sign 6.875+/-0.000 χ^2/NDF: 14425618116085775

Left In: 7.735+/-0.000 χ^2/NDF:863871563169276376129937290035 20.0/2

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

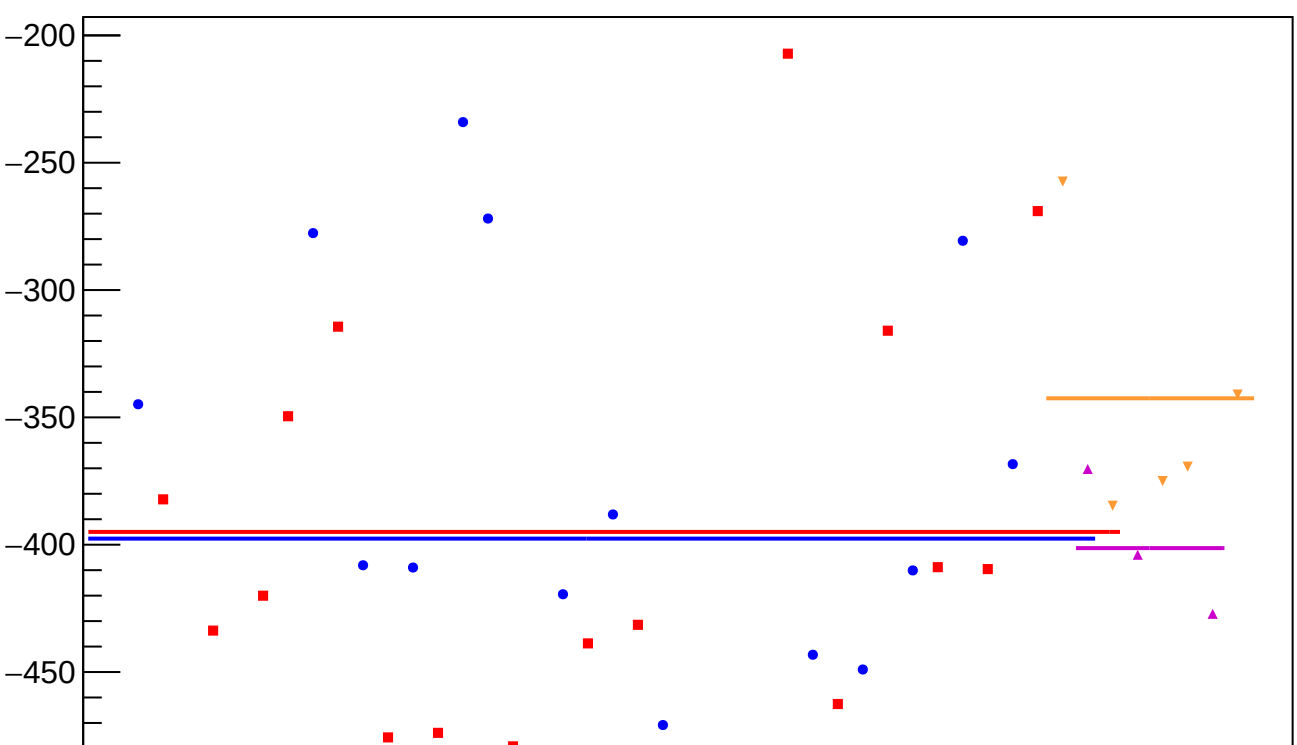
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

+ sign -378.273+/-0.000 χ^2/NDF: 41607511409579

Left Out: -342.513+/-0.000 χ^2/NDF:807868972812303157424942403393945600.0/4

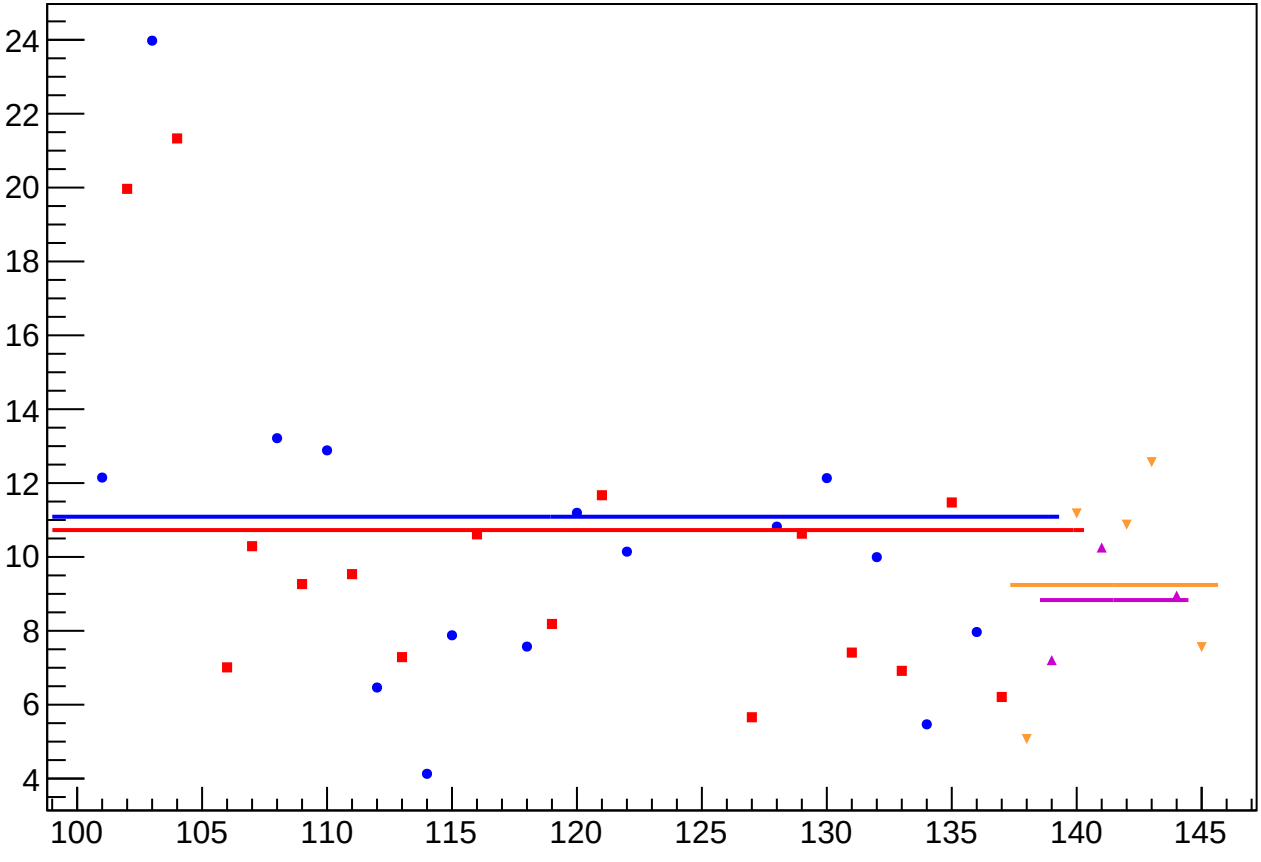
All: -387.129+/-0.000 χ^2/NDF: 81552814244

Right Out: -394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

- sign -396.734+/-0.000 χ^2/NDF: 38310481736057 2

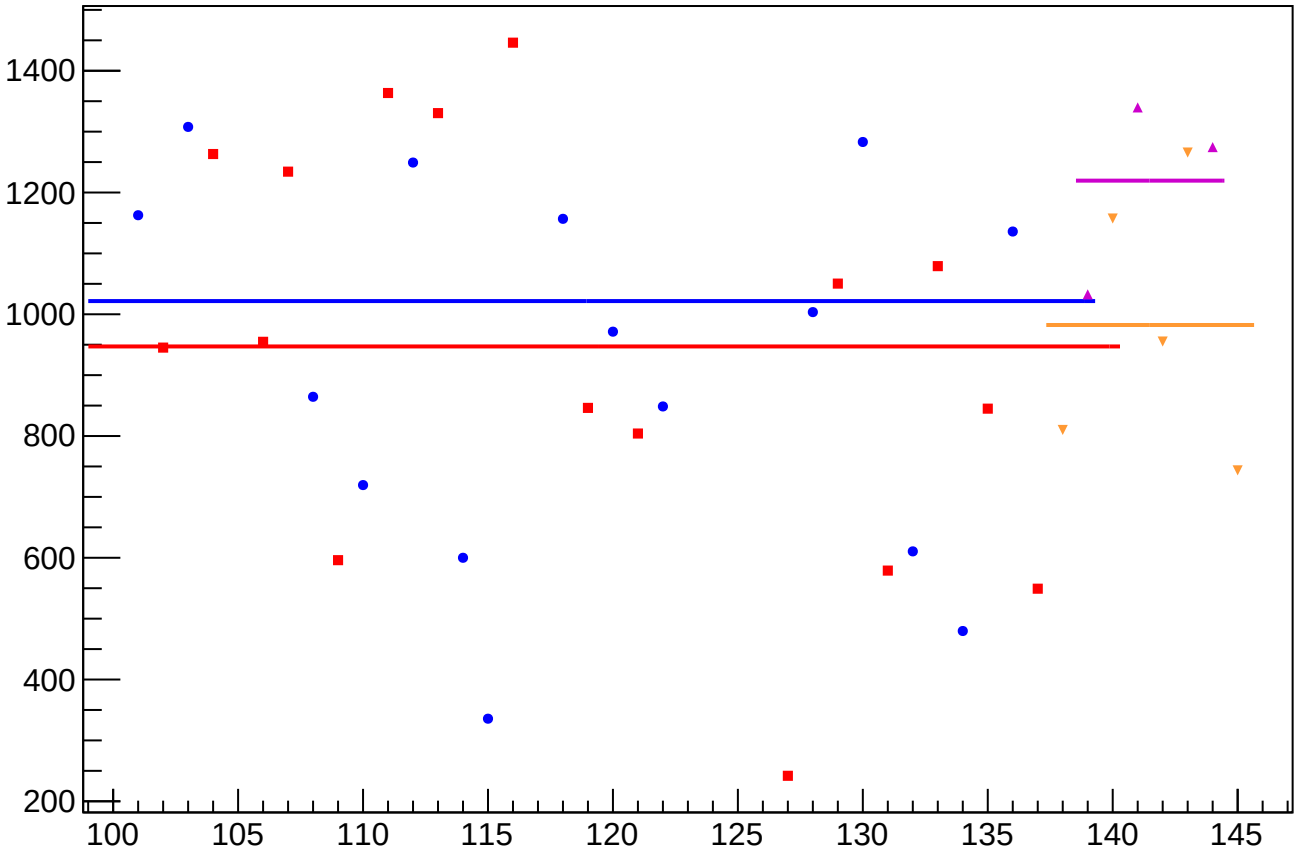
Left In: -401.339+/-0.000 χ^2/NDF:137975712227954492539046278182469632.0/2

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14
+ sign 10.440+/-0.000 χ^2/NDF: 1776197832175295
Left Out: 9.241+/-0.000 χ^2/NDF:2748448950299839901986747223900160.0/4
All: 10.327+/-0.000 χ^2/NDF: 3360617075610
Right Out: 10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15
- sign 10.204+/-0.000 χ^2/NDF: 1581728481577658
Left In: 8.833+/-0.000 χ^2/NDF:3876200934010733715523269421957 12.0/2

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

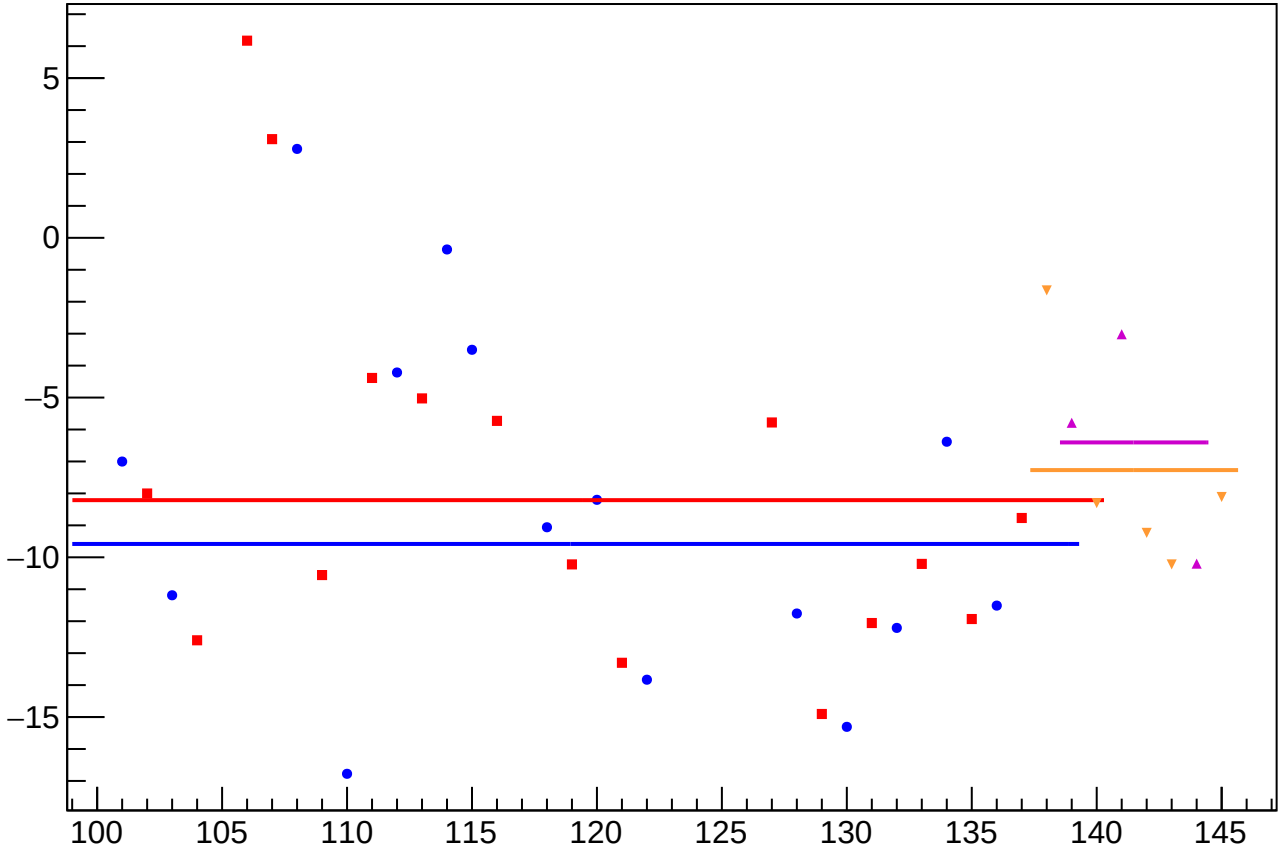
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_4aY_coil7_mean vs Slug



Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

+ sign -8.771+/-0.000 χ^2/NDF: 1929235262918898

Left Out: -7.270+/-0.000 χ^2/NDF:3371999885646420729588834411479040.0/4

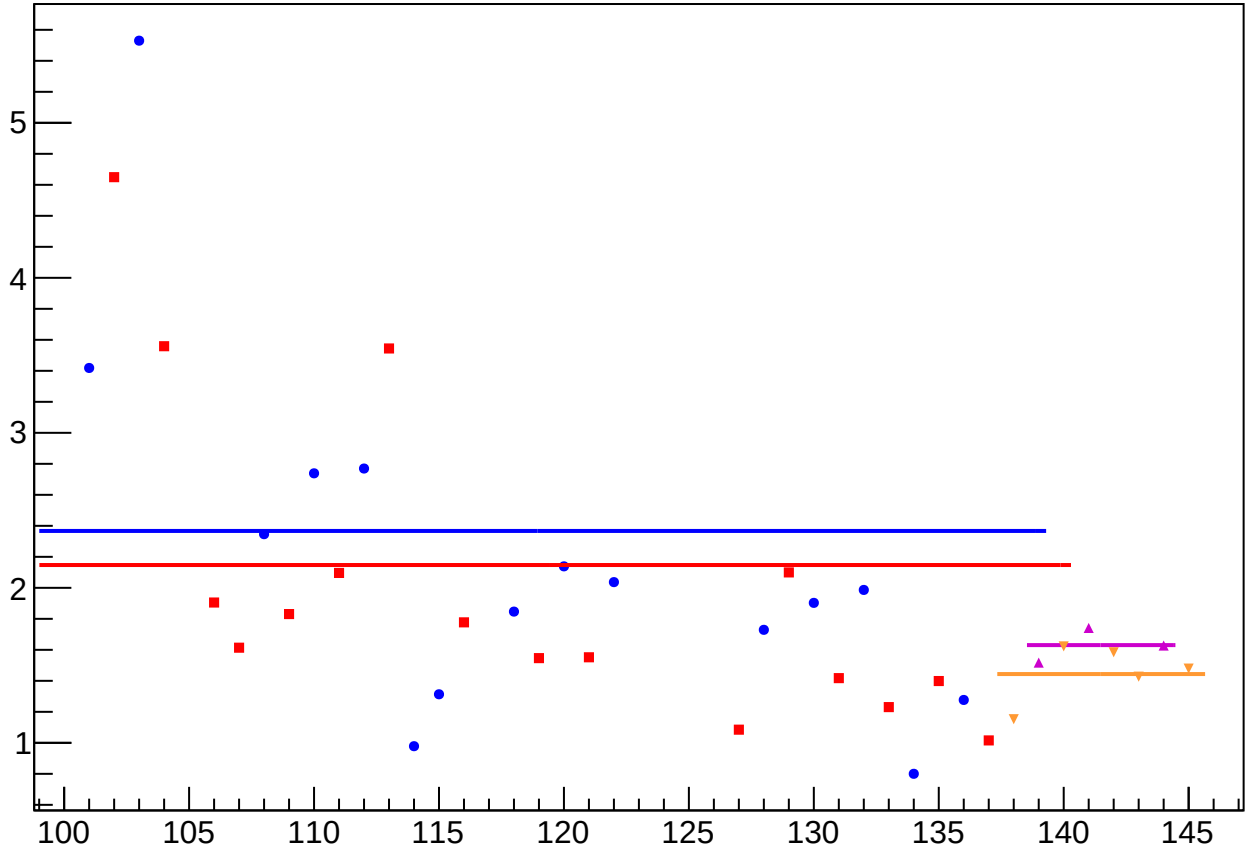
All: -8.263+/-0.000 χ^2/NDF: 4102347745032

Right Out: -8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

- sign -7.711+/-0.000 χ^2/NDF: 2119294863204264 4

Left In: -6.404+/-0.000 χ^2/NDF:2286356538528806853674457198755840.0/2

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

+ sign 2.043+/-0.000 χ^2/NDF: 1125083961390860 5

Left Out: 1.444+/-0.000 χ^2/NDF:10258933346337263242315145674752.0/4

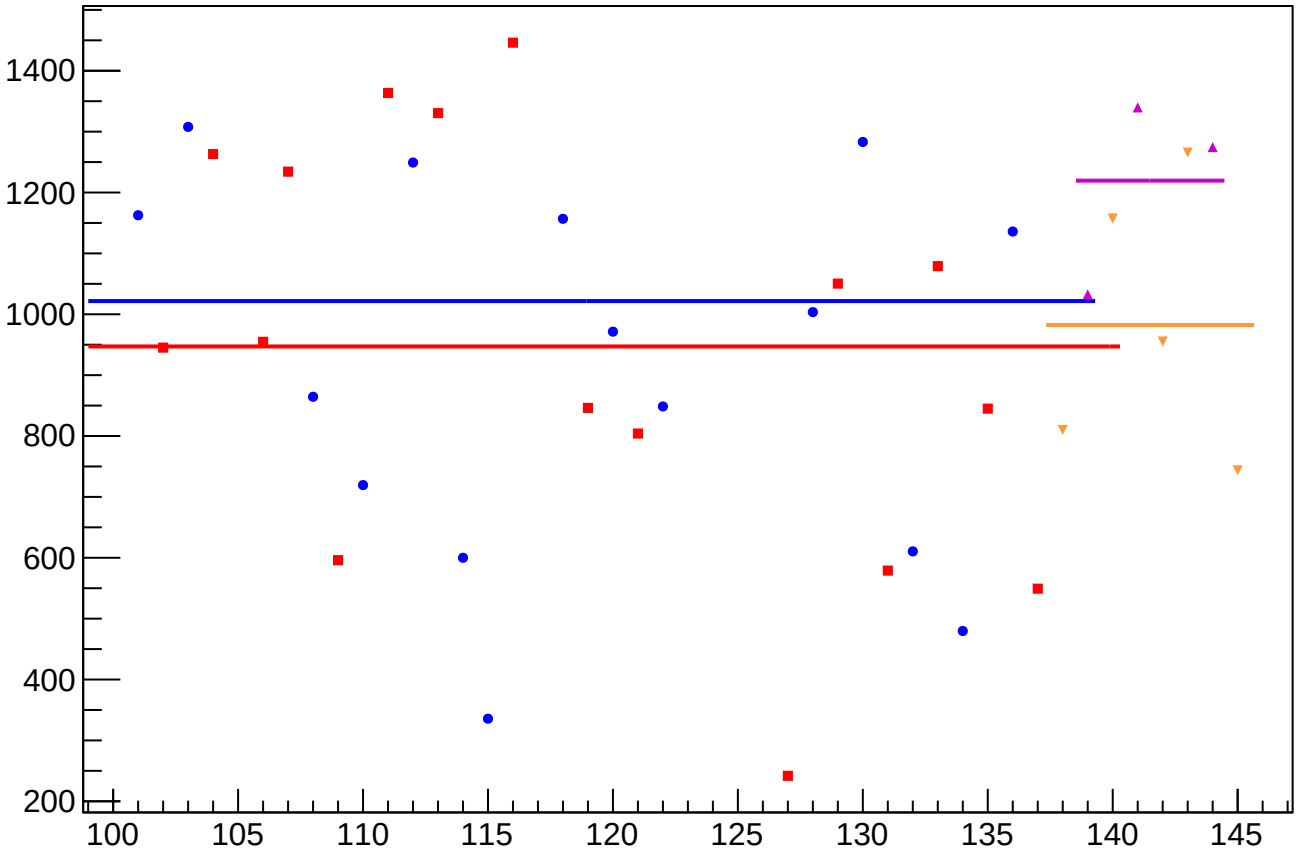
All: 2.024+/-0.000 χ^2/NDF: 1941285286861 4

Right Out: 2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

- sign 2.004+/-0.000 χ^2/NDF: 8154837147961610 8

Left In: 1.631+/-0.000 χ^2/NDF:20765649370917787307234652323 84.0/2

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

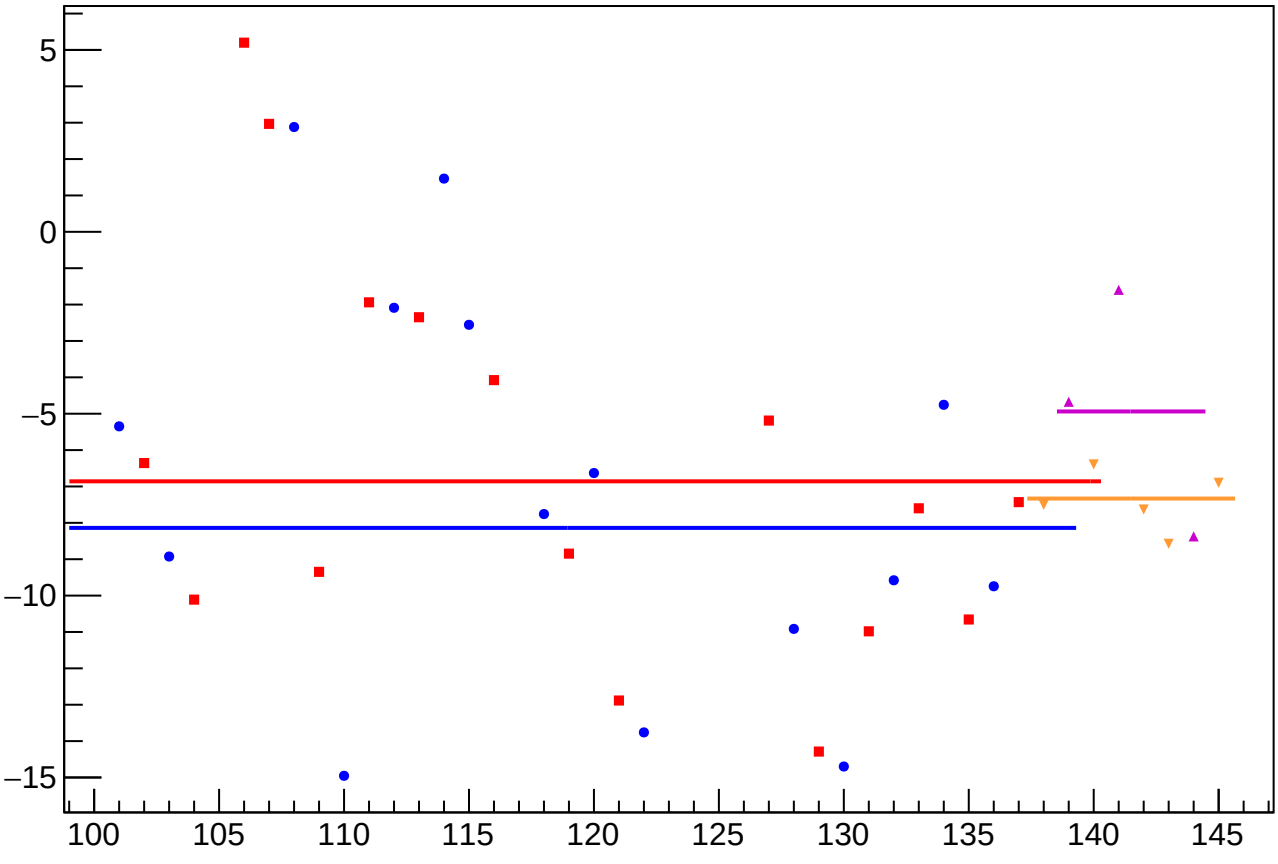
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_4eY_coil7_mean vs Slug



Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

+ sign -7.856+/-0.000 χ^2/NDF: 1502182584419021

Left Out: -7.332+/-0.000 χ^2/NDF:1970602878388426145626251172249 60.0/4

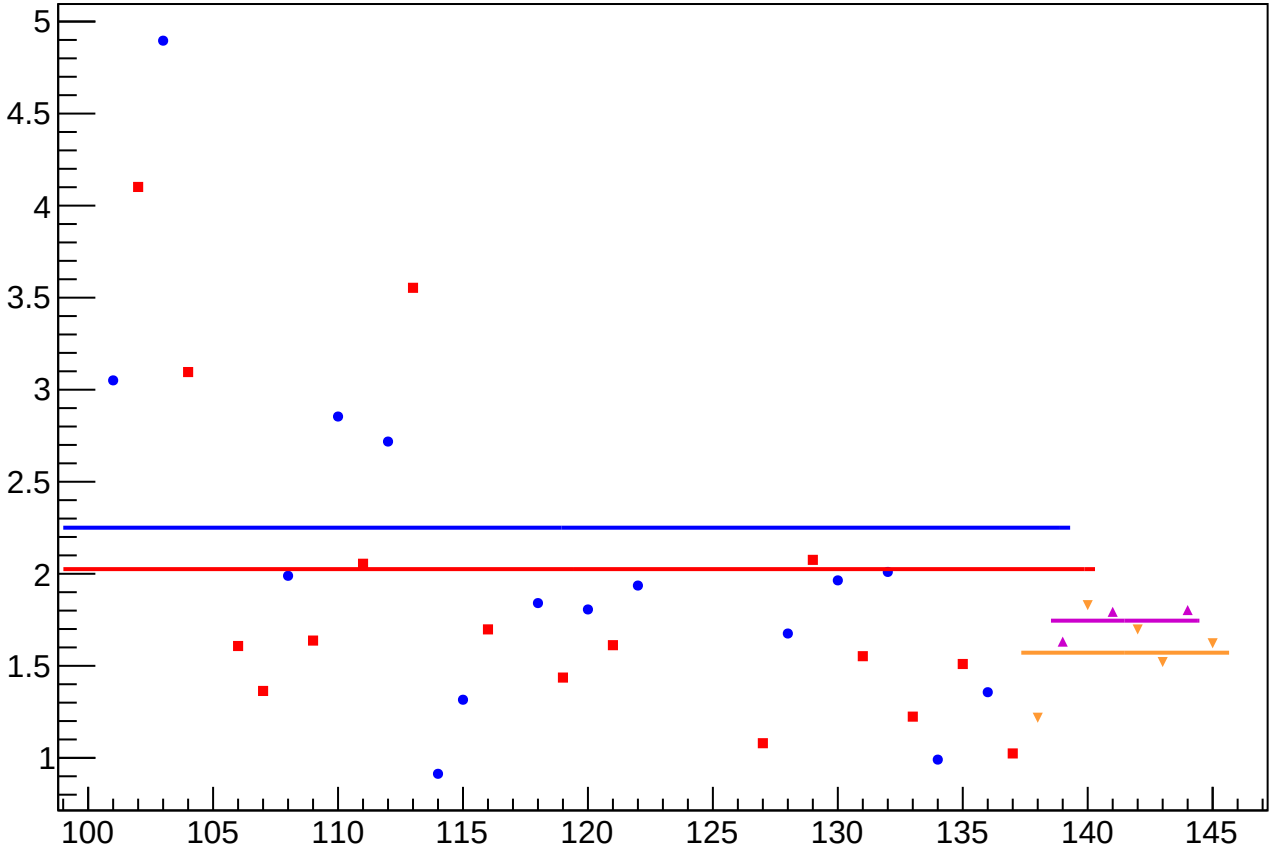
All: -7.123+/-0.000 χ^2/NDF: 3531212615459

Right Out: -6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15

- sign -6.327+/-0.000 χ^2/NDF: 1917006903334961 5

Left In: -4.938+/-0.000 χ^2/NDF:2005779000422122230498559740870656.0/2

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

+ sign 2.012+/-0.000 χ^2/NDF: 7781174977319193 8

Left Out: 1.571+/-0.000 χ^2/NDF:1630996573350890374582214905036 8.0/4

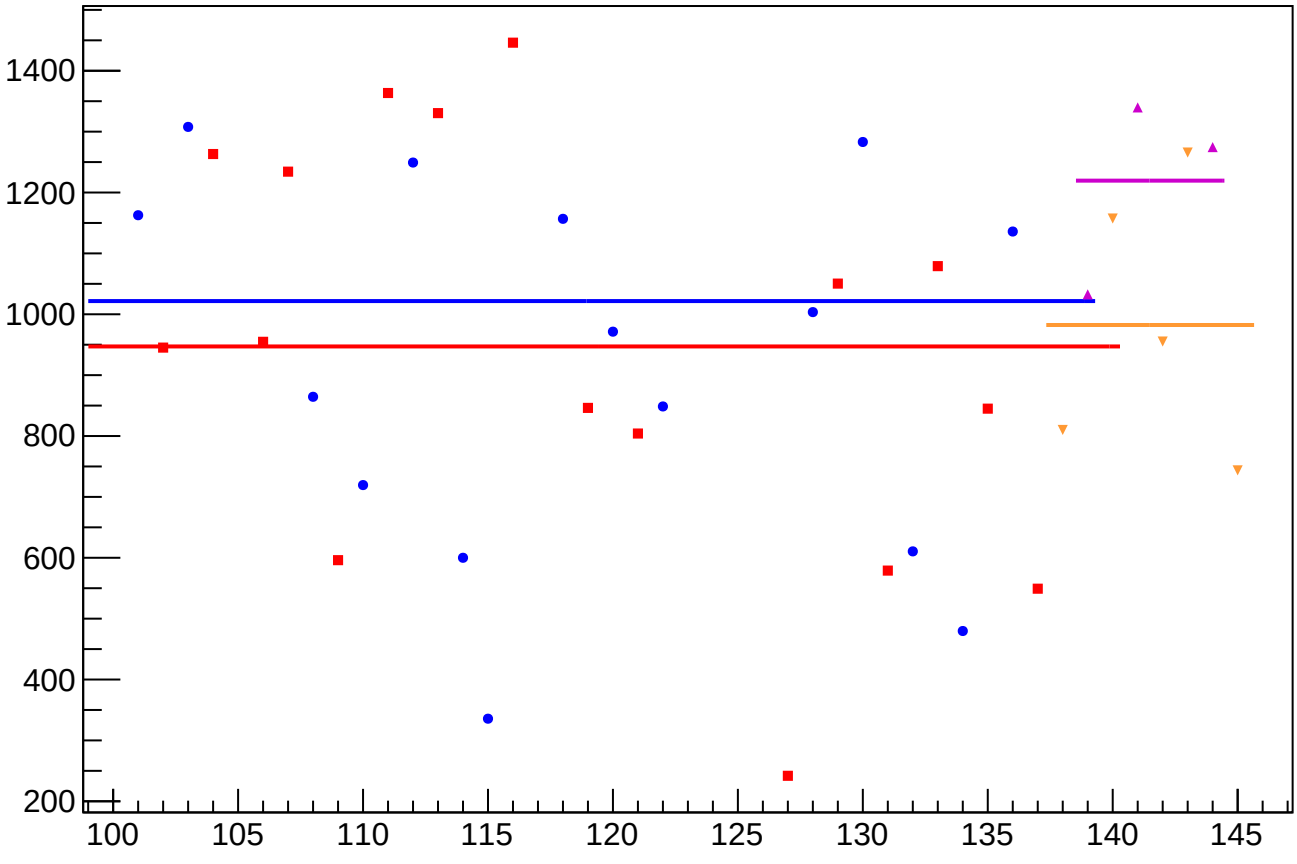
All: 1.981+/-0.000 χ^2/NDF: 1374813473492 4

Right Out: 2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

- sign 1.948+/-0.000 χ^2/NDF: 5947223127804718 4

Left In: 1.745+/-0.000 χ^2/NDF:1541709448552271189707048615936.0/2

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

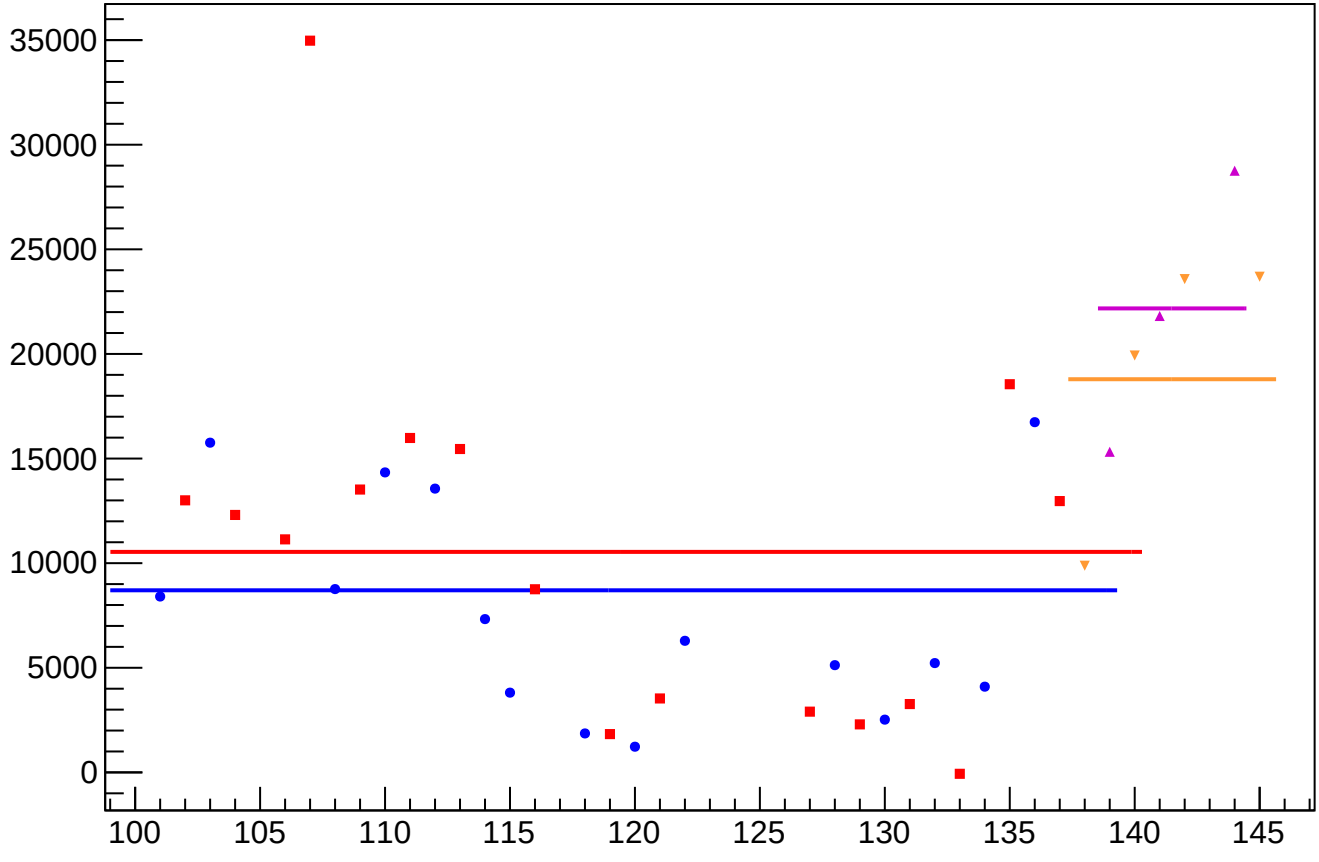
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191919226 88.0/14

+ sign 11774.053+/-0.000 χ^2/NDF: 4883340533197

Left Out: 18791.298+/-0.000 χ^2/NDF:922799157028742627027504009439535851110 4.0/3

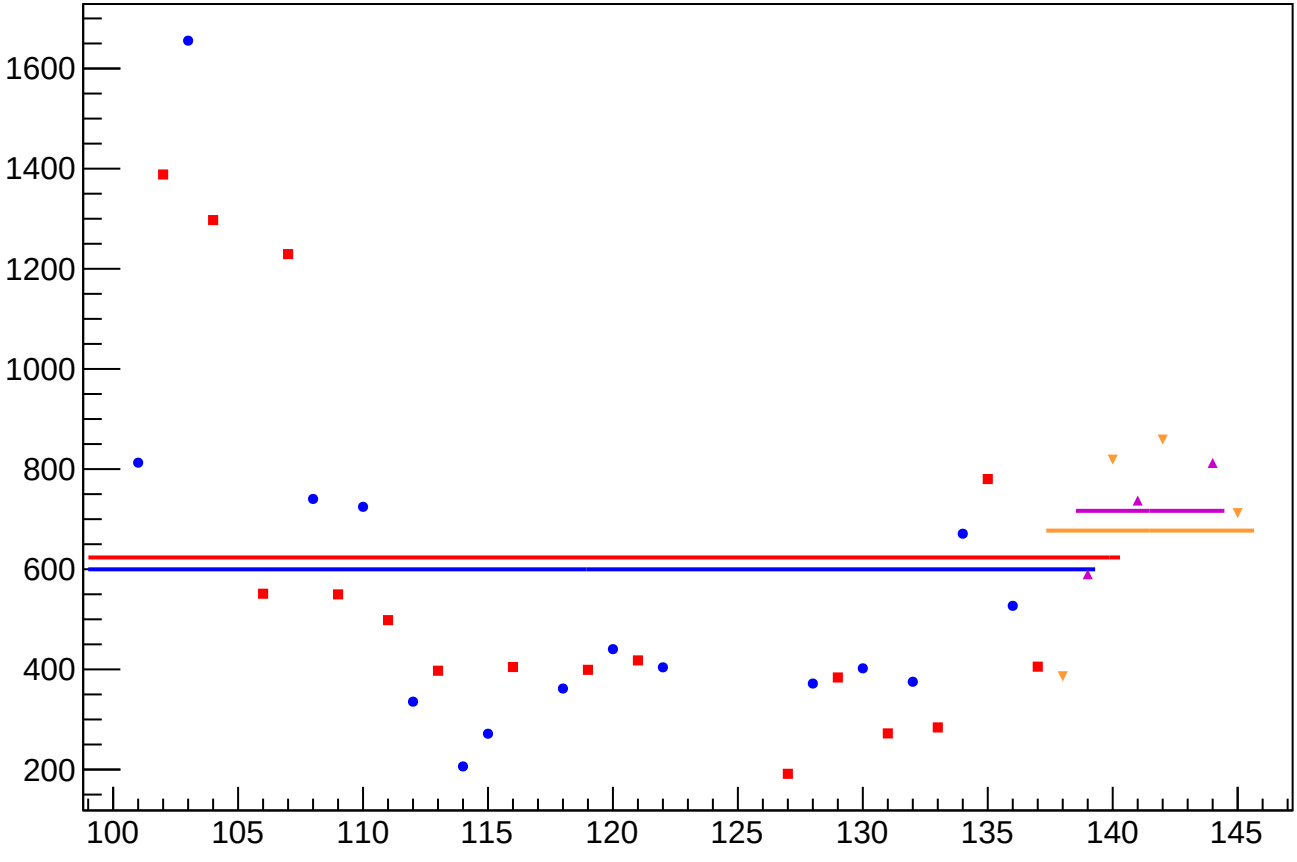
All: 12759.979+/-0.000 χ^2/NDF: 1295331292

Right Out: 10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

- sign 13757.667+/-0.000 χ^2/NDF: 7887505867116

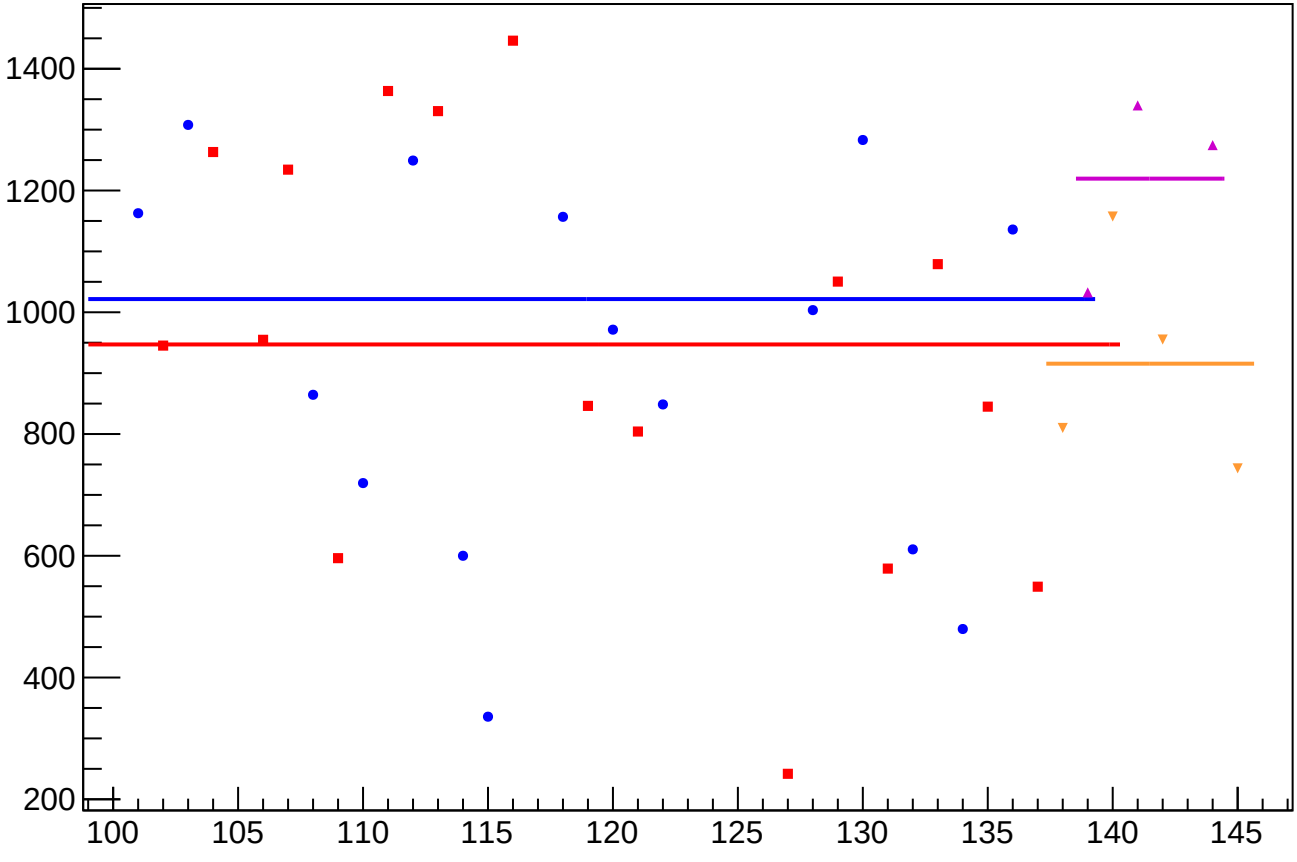
Left In: 22175.836+/-0.000 χ^2/NDF:766906099660118971526696727471192014848 0.0/2

dit_usl_coil7_err_mean vs Slug



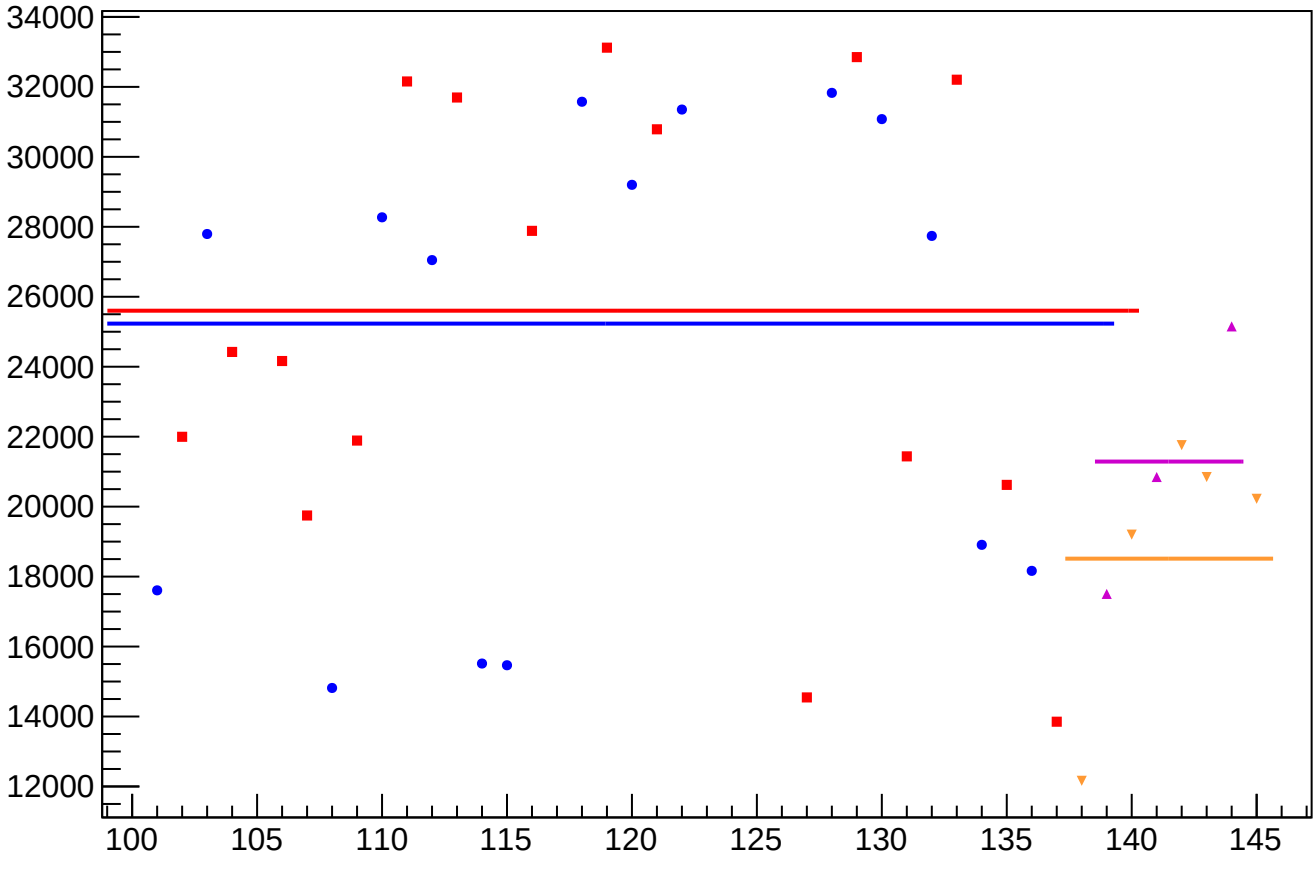
Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14
+ sign 623.391+/-0.000 χ^2/NDF: 100306322628078
Left Out: 677.188+/-0.000 χ^2/NDF:986573786758402859991016681656182374 4.0/3
All: 636.277+/-0.000 χ^2/NDF: 20581243673 9
Right Out: 623.569+/-0.000 χ^2/NDF: 101448845479297603044152618126879490048.0/15
- sign 649.316+/-0.000 χ^2/NDF: 105194425898673
Left In: 716.663+/-0.000 χ^2/NDF:214682174670208342190308191583915212 8.0/2

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 989.377+/-0.000 χ^2/NDF: 507587588004127
Left Out: 915.549+/-0.000 χ^2/NDF:8040312687649633724714326562686631936.0/3
All: 1005.828+/-0.000 χ^2/NDF: 1370623650 8
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15
- sign 1022.475+/-0.000 χ^2/NDF: 85795603264884
Left Out: 1219.514+/-0.000 χ^2/NDF:4325839922214845015970174629559926784.0/2

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

+ sign 22873.768+/-0.000 χ^2/NDF: 3908143002574

Left Out: 18512.968+/-0.000 χ^2/NDF:4262073264096376128101495818756355522560.0/4

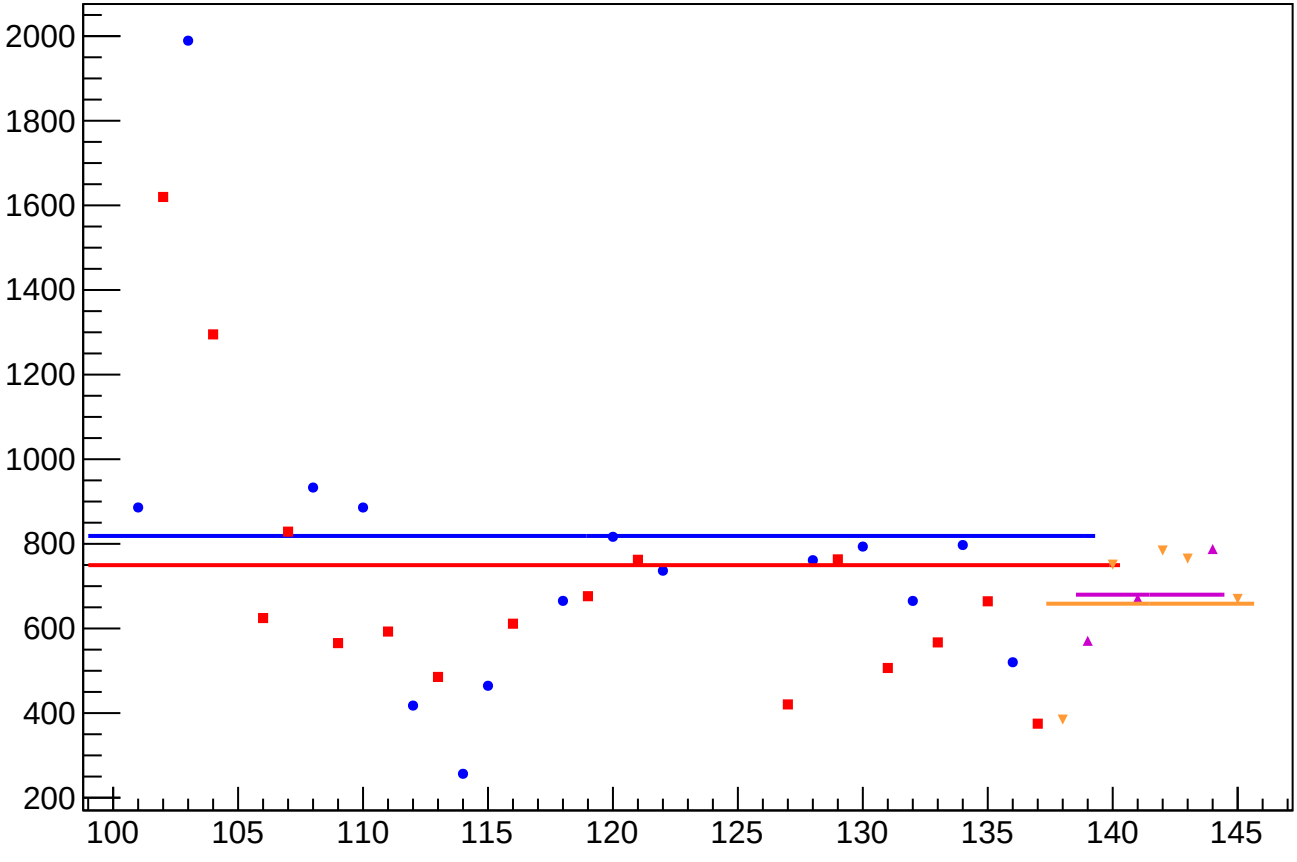
All: 23610.009+/-0.000 χ^2/NDF: 7050744285

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

- sign 24408.535+/-0.000 χ^2/NDF: 3029605477079

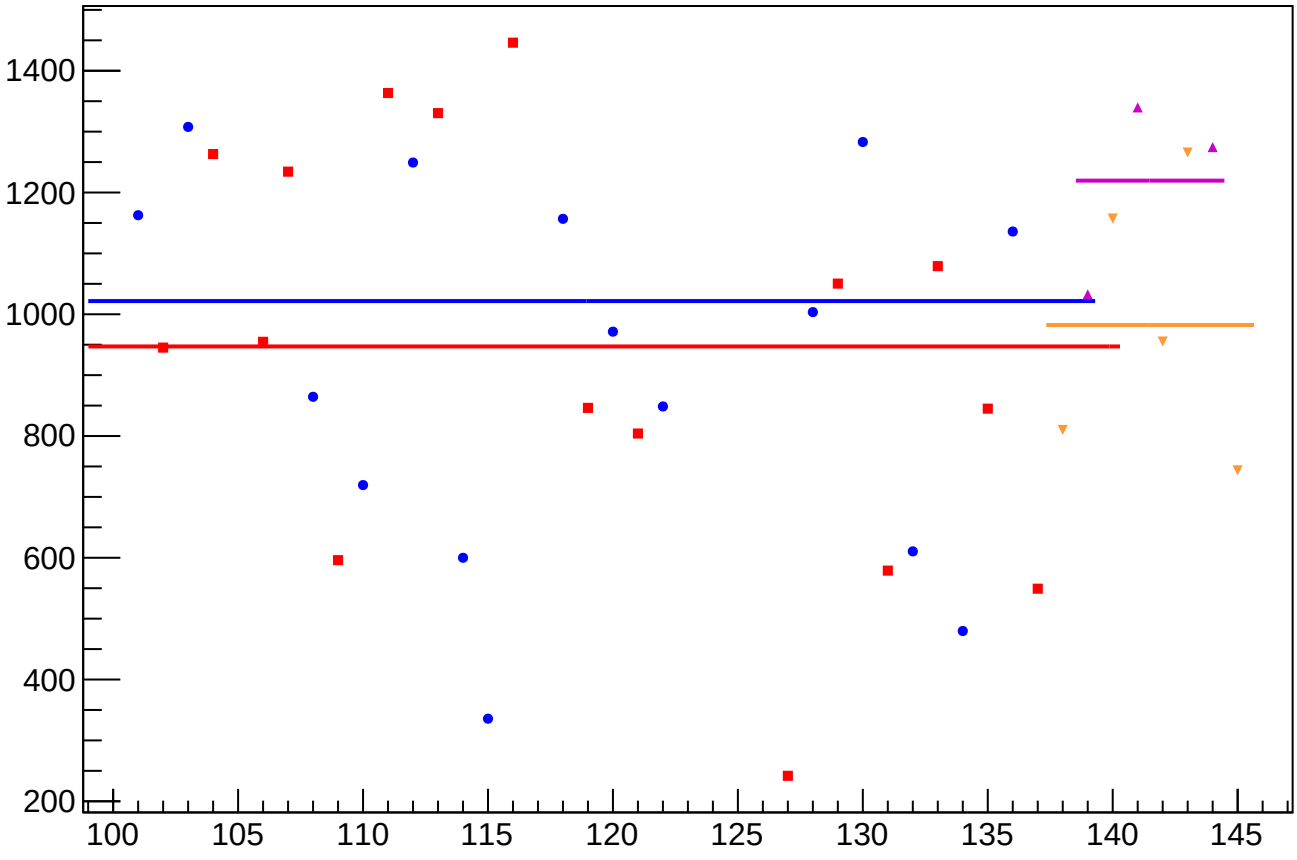
Left In: 21288.406+/-0.000 χ^2/NDF:2504746071667990936714745163461328633856.0/2

dit_usr_coil7_err_mean vs Slug



Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
+ sign 762.473+/-0.000 χ^2/NDF: 119495046696024
Left Out: 658.568+/-0.000 χ^2/NDF:804955772544233481991105998522364723 2.0/4
All: 747.065+/-0.000 χ^2/NDF: 20086748418 5
Right Out: 749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15
- sign 730.354+/-0.000 χ^2/NDF: 808775516772256
Left In: 679.850+/-0.000 χ^2/NDF:2005809881553195199400467556150018048.0/2

dit_usr_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

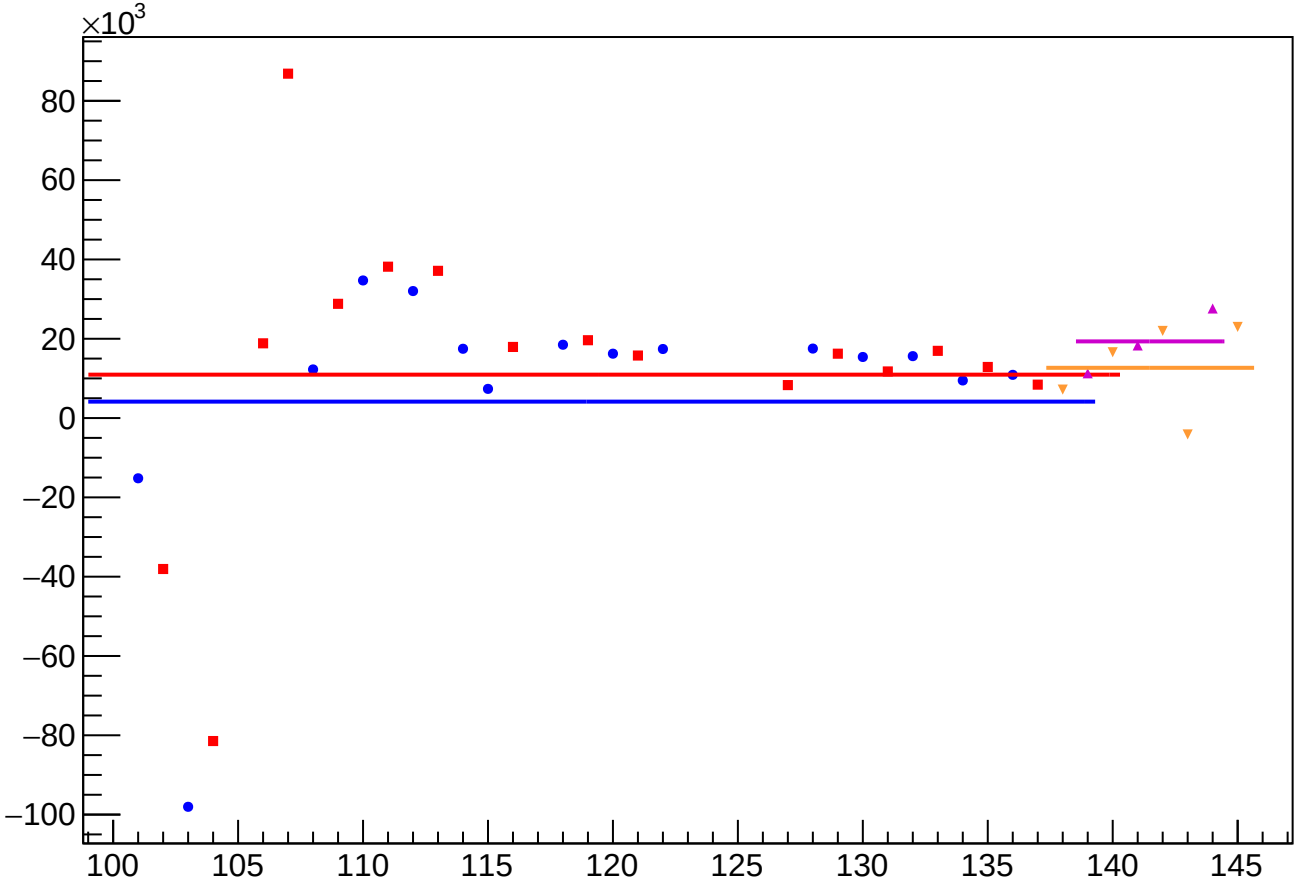
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_atl1_coil7_mean vs Slug



Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

Left Out: 12673.140+/-0.000 χ^2/NDF:3480821368365422293057994607961023971328 0.0/4

Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

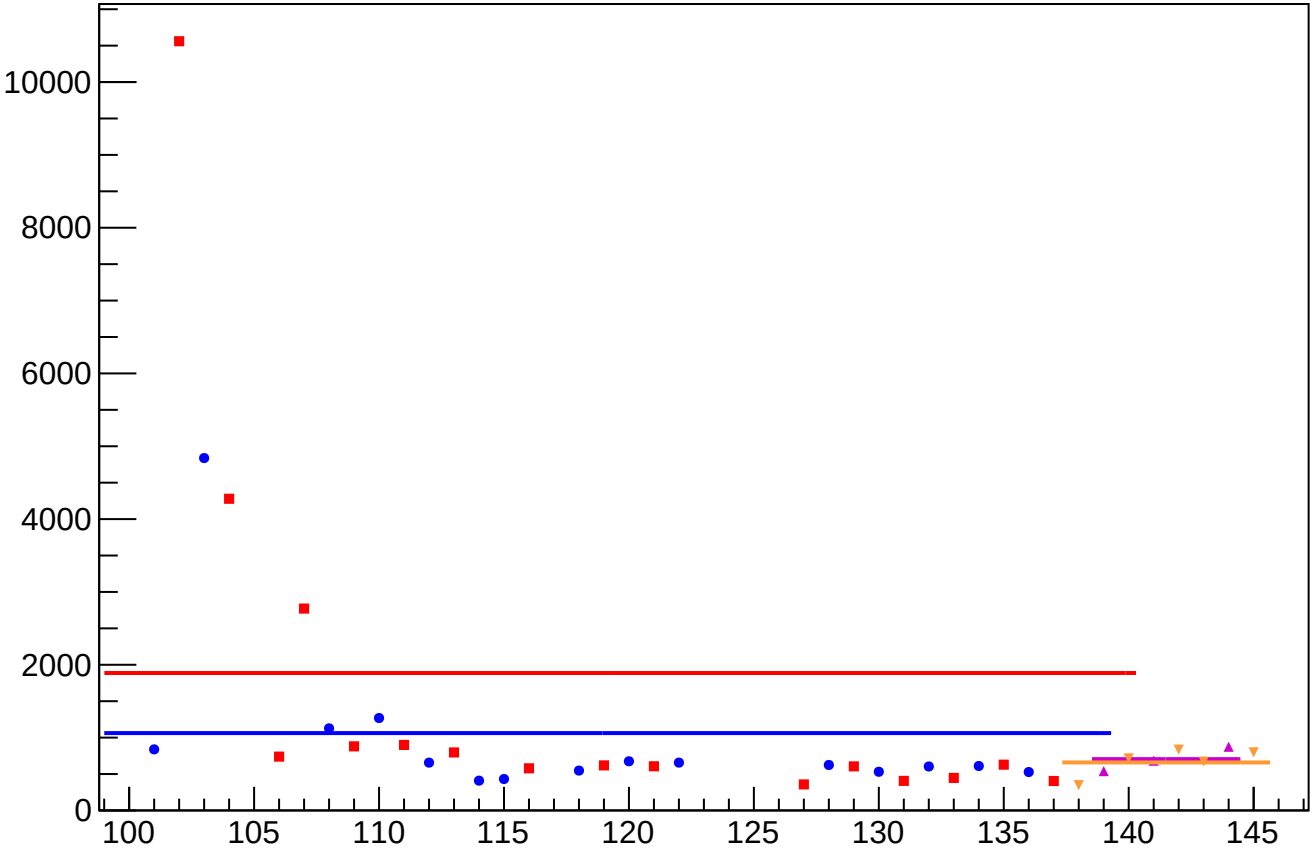
Left In: 19335.093+/-0.000 χ^2/NDF:1146105560175588238882587660918586343424 0.0/2

+ sign 7138.551+/-0.000 χ^2/NDF: 8150688040199 7

All: 10078.754+/-0.000 χ^2/NDF: 1731476735

- sign 13267.694+/-0.000 χ^2/NDF: 8983870085644

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

+ sign 920.688+/-0.000 χ^2/NDF: 100059160915739

Left Out: 659.141+/-0.000 χ^2/NDF:1078884183306467046280922557657278054 4.0/4

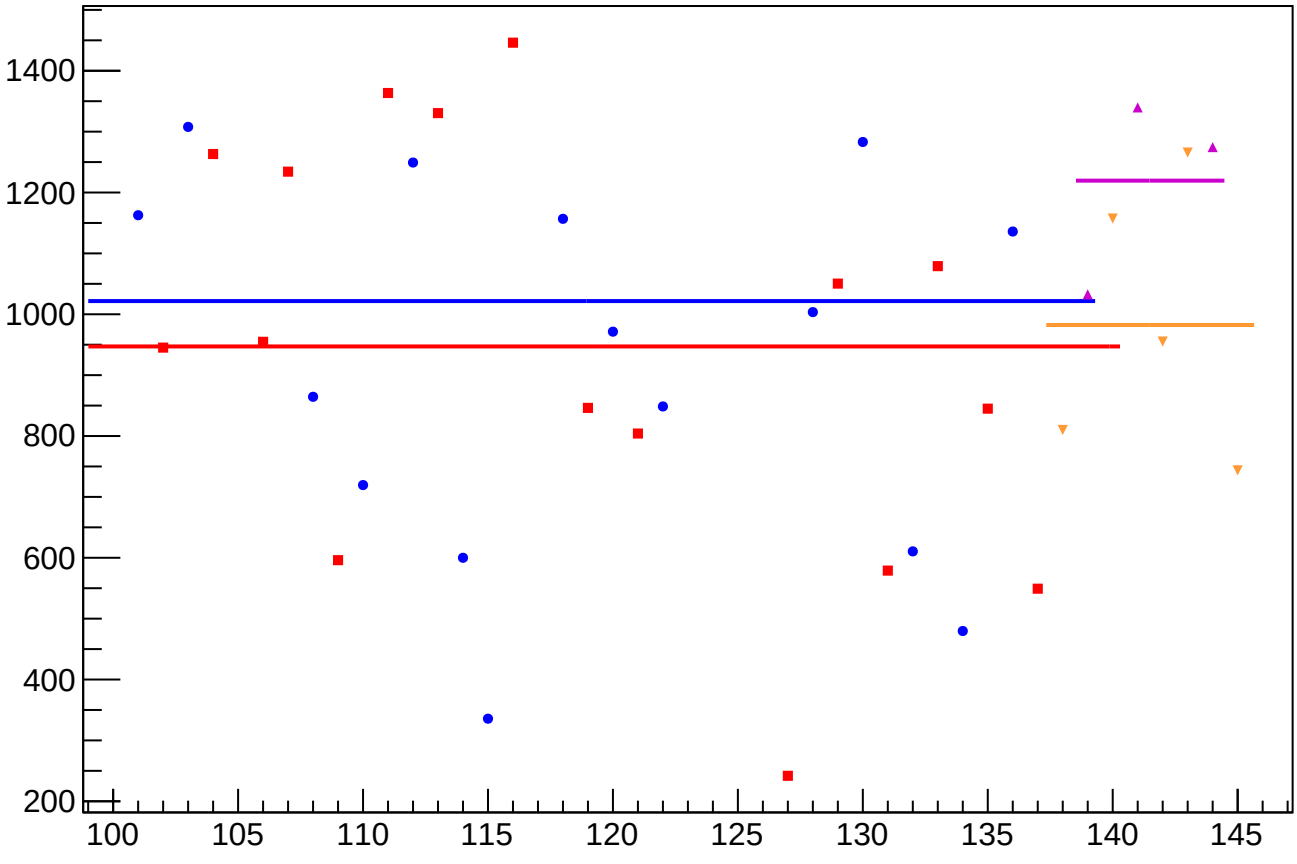
All: 1227.384+/-0.000 χ^2/NDF: 6985318357

Right Out: 1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828352 0.0/15

- sign 1560.027+/-0.000 χ^2/NDF: 57886434242273

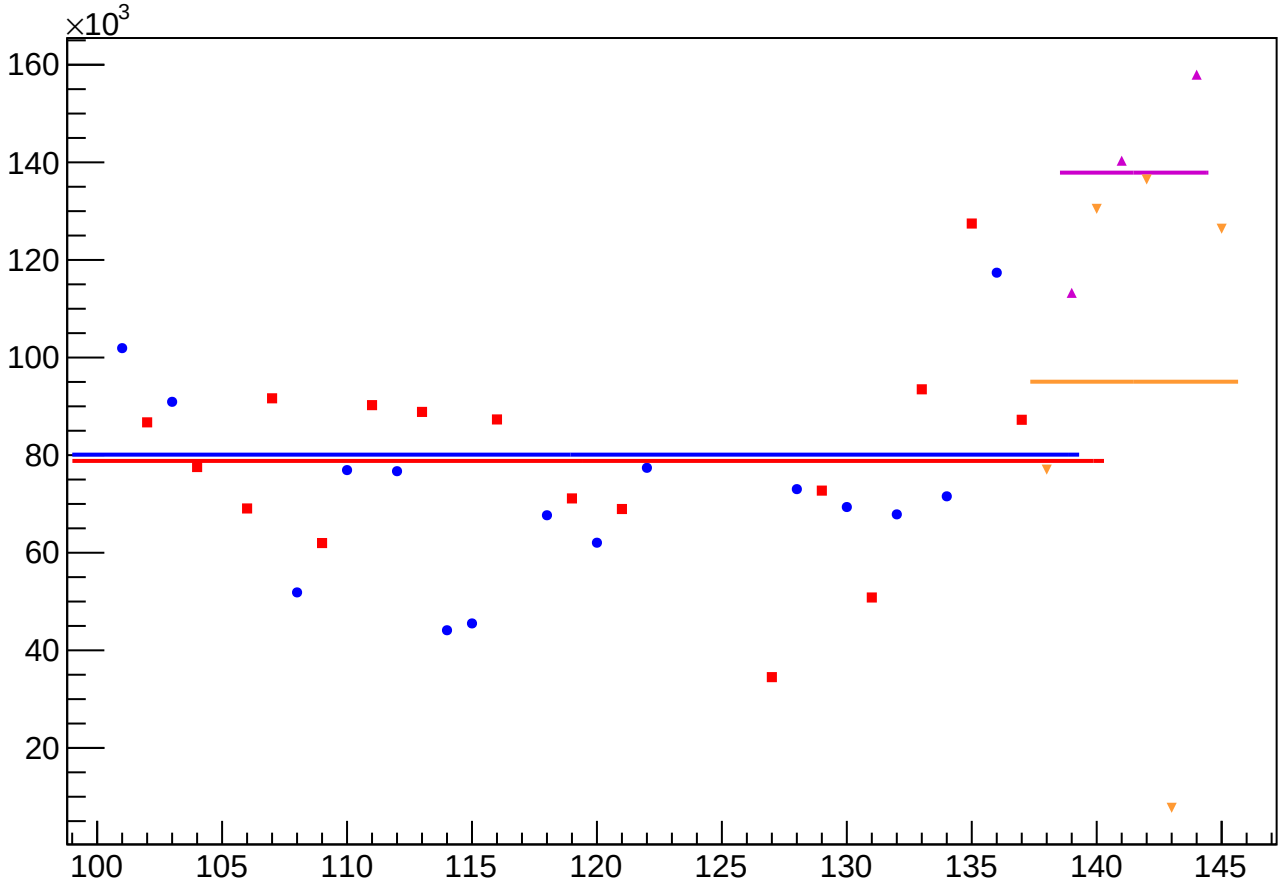
Left In: 704.567+/-0.000 χ^2/NDF:4815331616905876433510704978749030400.0/2

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8
Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15
- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4
Left Out: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

+ sign 85349.208+/-0.000 χ^2/NDF: 1100110585510

Left Out: 95050.379+/-0.000 χ^2/NDF:7946896327626828856922481111521984669286 40.0/4

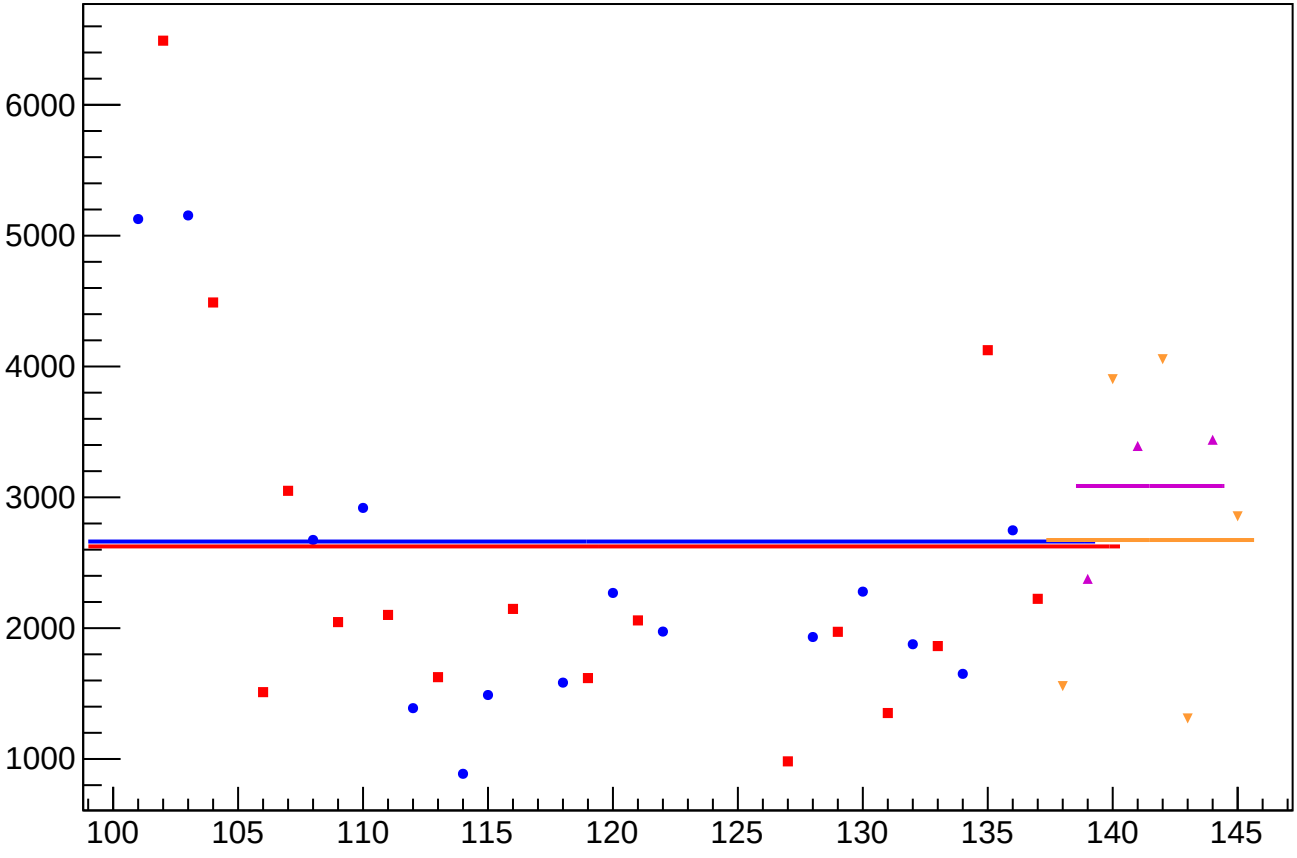
All: 90052.857+/-0.000 χ^2/NDF: 2161624926

Right Out: 78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854 72000.0/15

- sign 95154.428+/-0.000 χ^2/NDF: 1015394028949

Left Out: 137891.069+/-0.000 χ^2/NDF:8552443146008608640470581391864358764 5440.0/2

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14

+ sign 2666.231+/-0.000 χ^2/NDF: 1467638372109 1

Left Out: 2673.716+/-0.000 χ^2/NDF:4362188450850957038237476213901964083 20.0/4

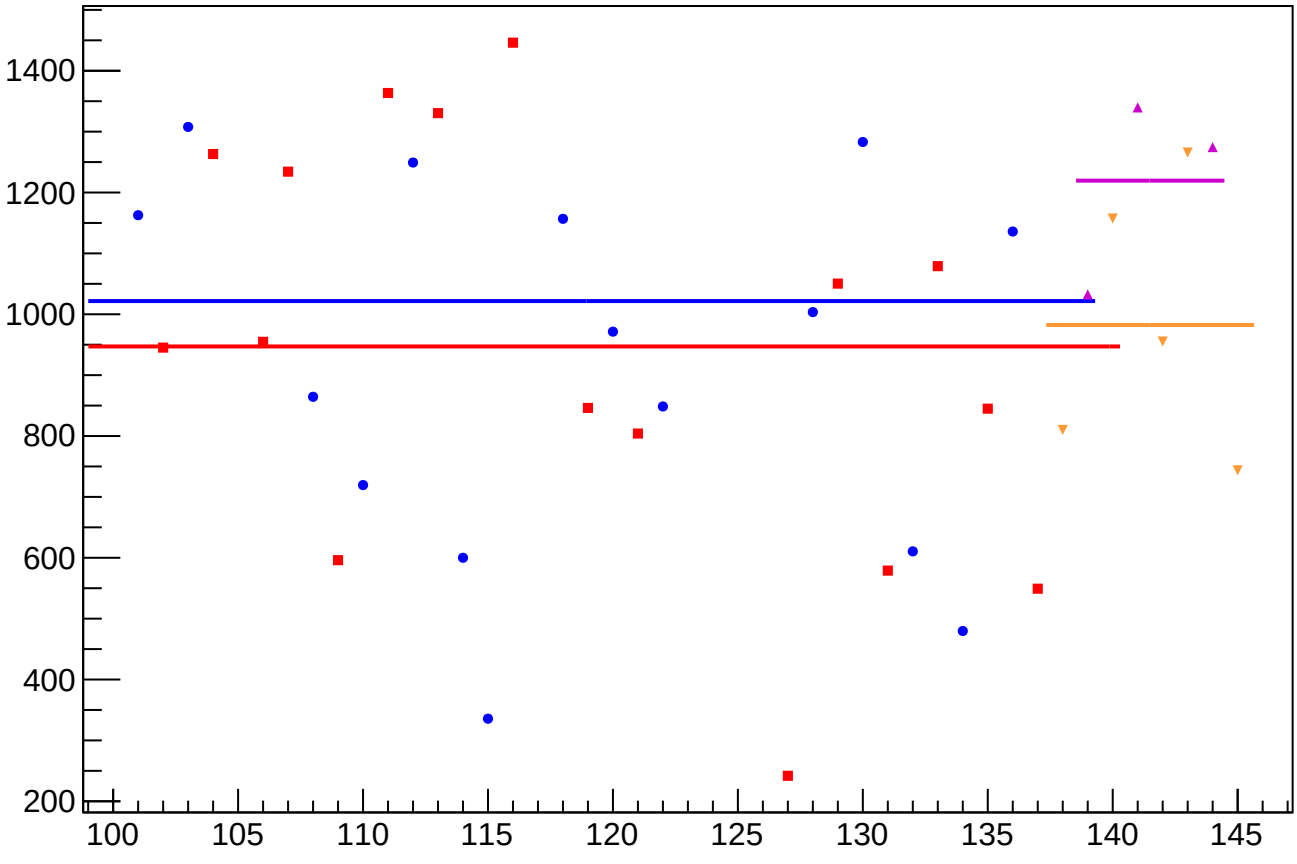
All: 2707.595+/-0.000 χ^2/NDF: 3137155309 4

Right Out: 2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

- sign 2752.458+/-0.000 χ^2/NDF: 16659502591149

Left In: 3086.643+/-0.000 χ^2/NDF:5987918000208964270941811173044833 4848.0/2

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

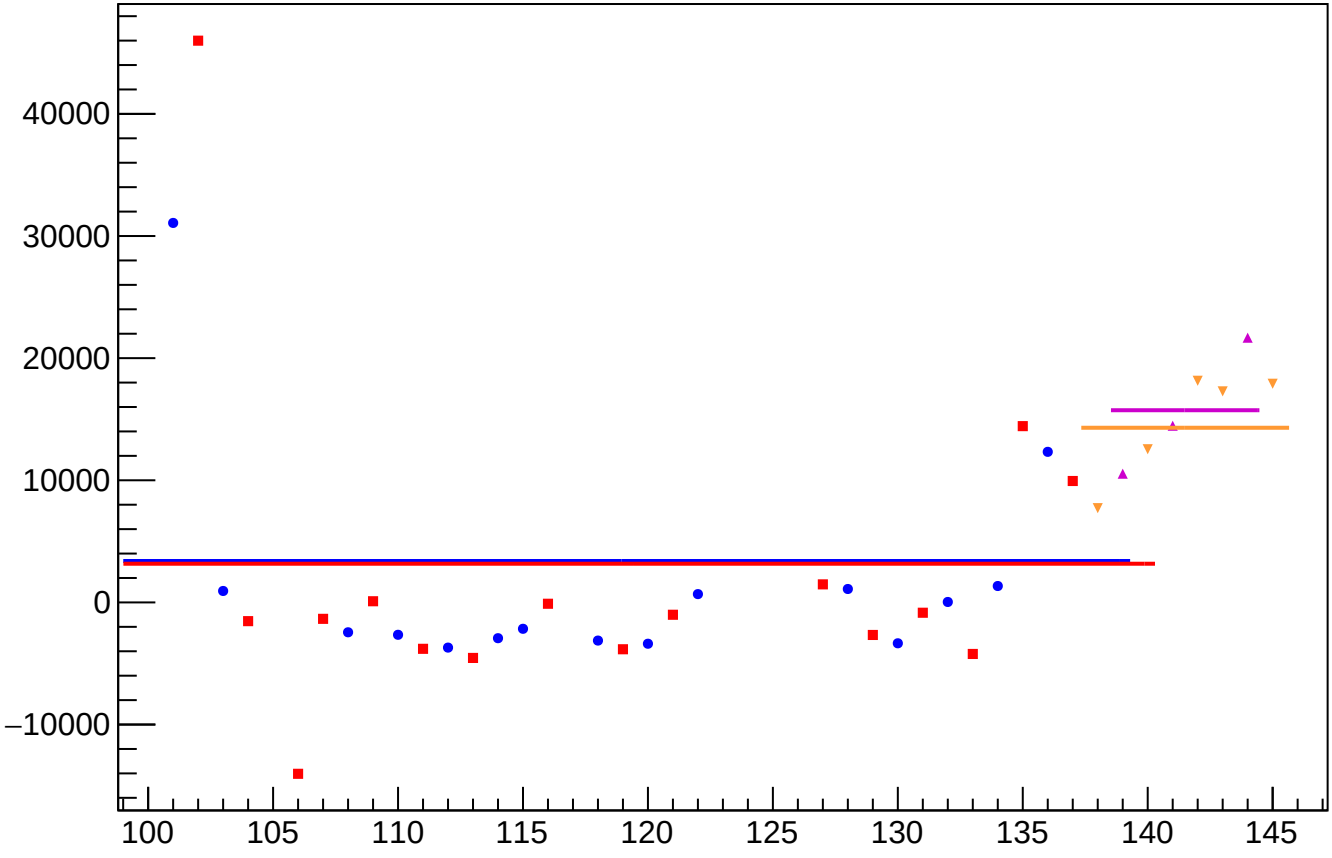
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

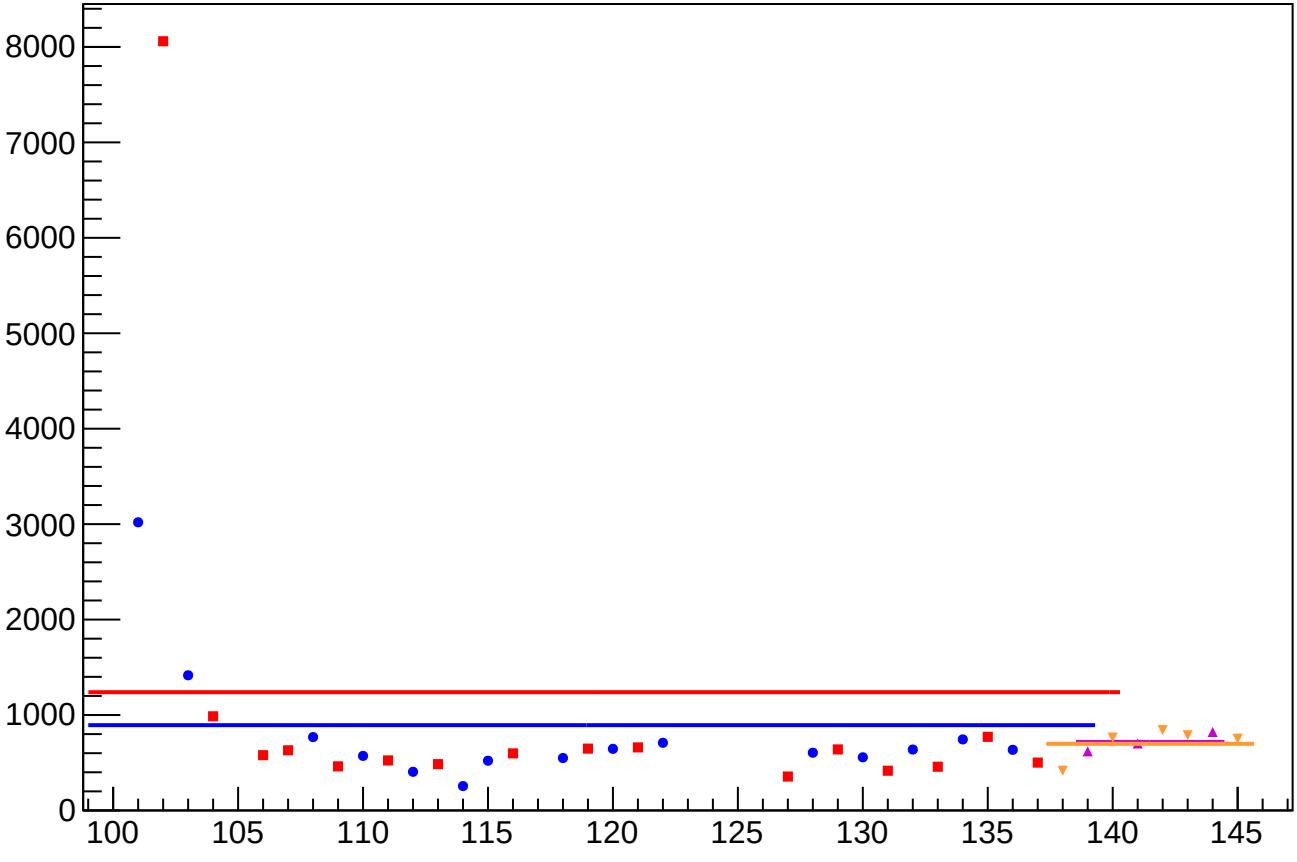
Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14
+ sign 7220.082+/-0.000 χ^2/NDF: 9891116049567 9
Left Out: 14300.898+/-0.000 χ^2/NDF:592302102616260238663189418518778373734 4.0/4
All: 6943.441+/-0.000 χ^2/NDF: 2714270929 1
Right Out: 3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15
- sign 6643.397+/-0.000 χ^2/NDF: 17235639747377
Left In: 15735.525+/-0.000 χ^2/NDF:546339488024463928377705835188027234 7136.0/2

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14

+ sign 825.097+/-0.000 χ^2/NDF: 3515519094679 47

Left Out: 698.281+/-0.000 χ^2/NDF:8270454487642574096404497904493920256.0/4

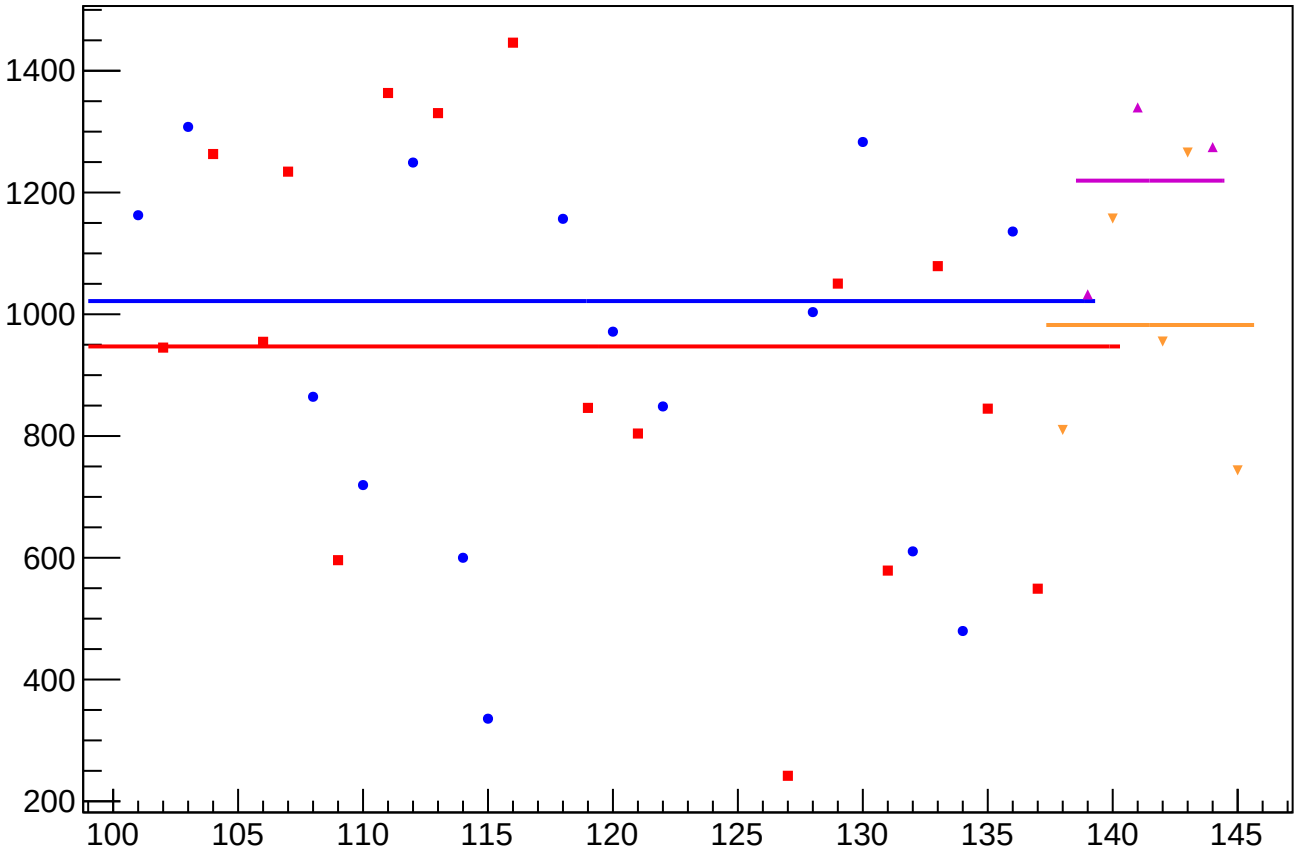
All: 954.613+/-0.000 χ^2/NDF: 3409441005 90

Right Out: 1239.298+/-0.000 χ^2/NDF: 2970990859486483990408108918937565003776.0/15

- sign 1095.086+/-0.000 χ^2/NDF: 3022921112590 8

Left In: 717.871+/-0.000 χ^2/NDF:1774370087086829203611994102993780736.0/2

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

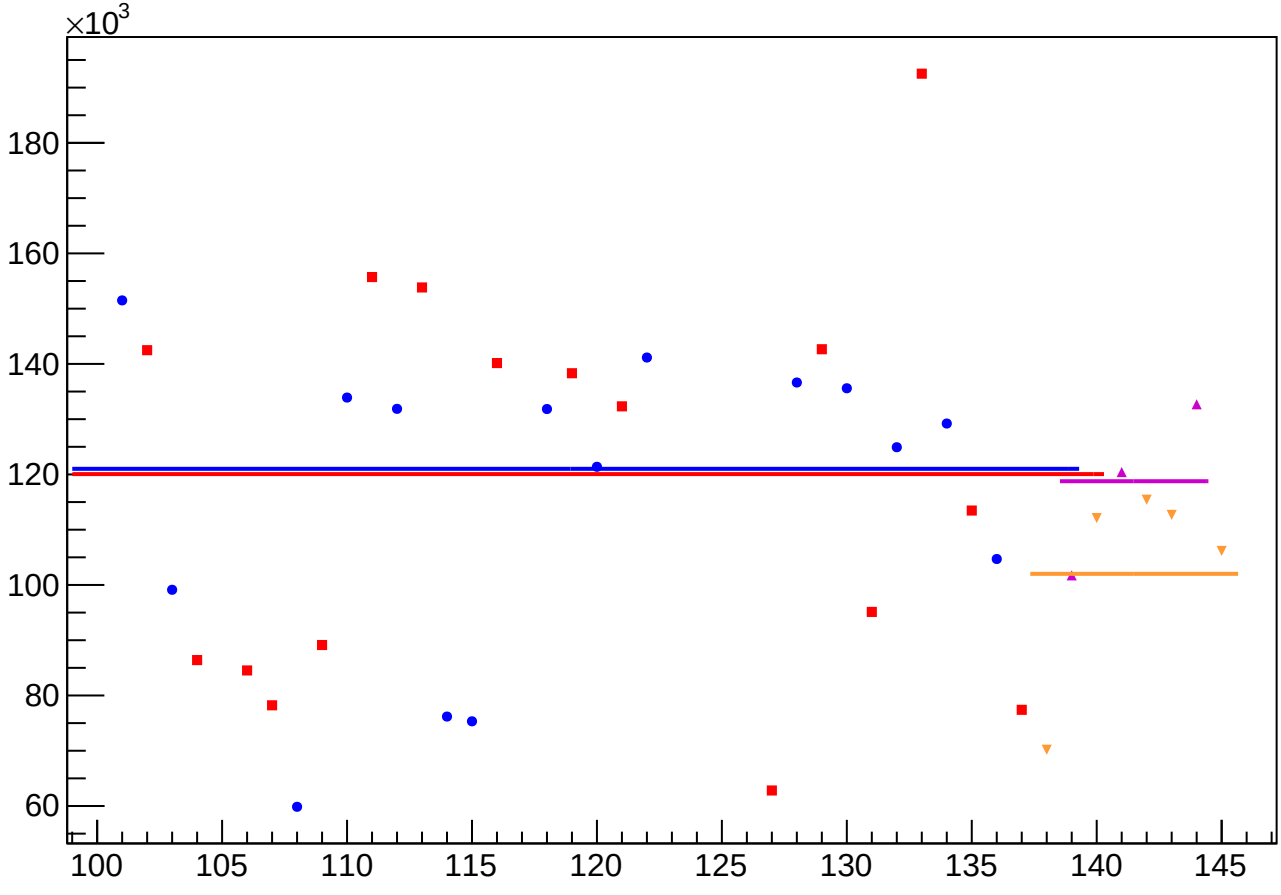
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

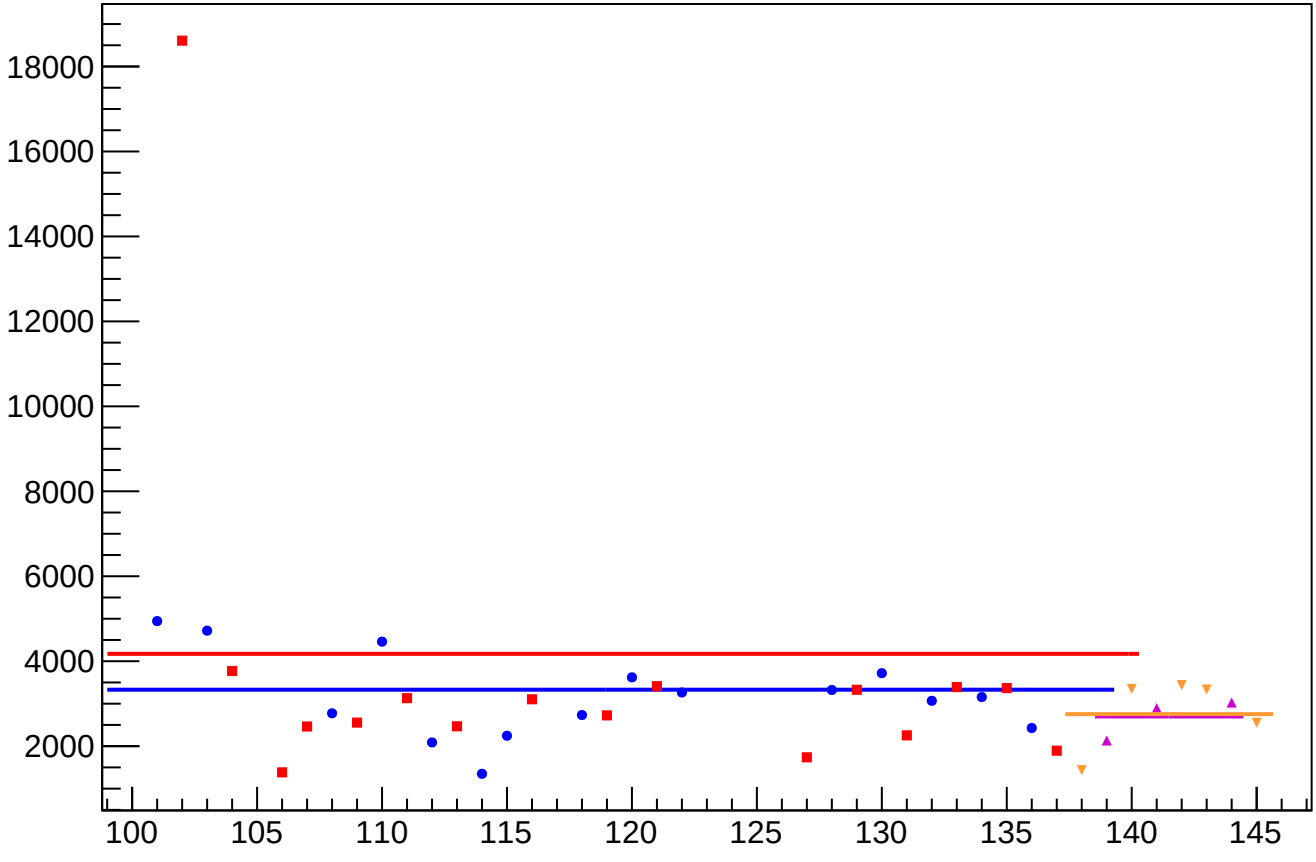
Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_atr2_coil7_mean vs Slug



Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
+ sign 114345.824+/-0.000 χ^2/NDF: 5456059265 93
Left Out: 102011.758+/-0.000 χ^2/NDF:1046157361467940917887201145564657415618 56.0/4
All: 116916.410+/-0.000 χ^2/NDF: 14290934 4
Right Out: 120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
- sign 119704.465+/-0.000 χ^2/NDF: 869712670421
Left Out: 118772.684+/-0.000 χ^2/NDF:4098685177439397317850557812237816928 6656.0/2

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

+ sign 3127.647+/-0.000 χ^2/NDF: 85408465114392

Left Out: 2754.442+/-0.000 χ^2/NDF:211721811324623885724705751280048406528.0/4

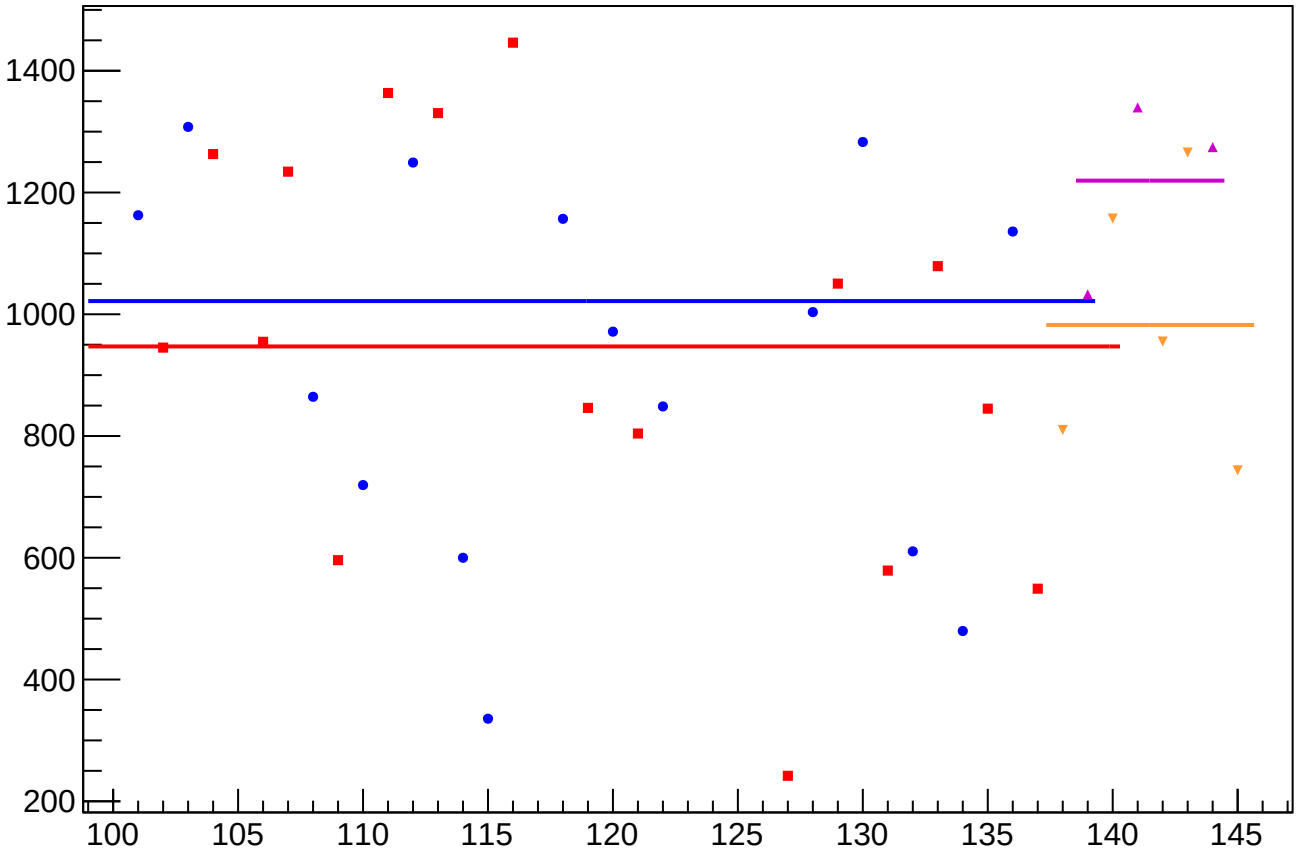
All: 3433.786+/-0.000 χ^2/NDF: 1498719629

Right Out: 4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

- sign 3765.825+/-0.000 χ^2/NDF: 13937739726864

Left In: 2699.649+/-0.000 χ^2/NDF:388081834378838888224739497535697059 84.0/2

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

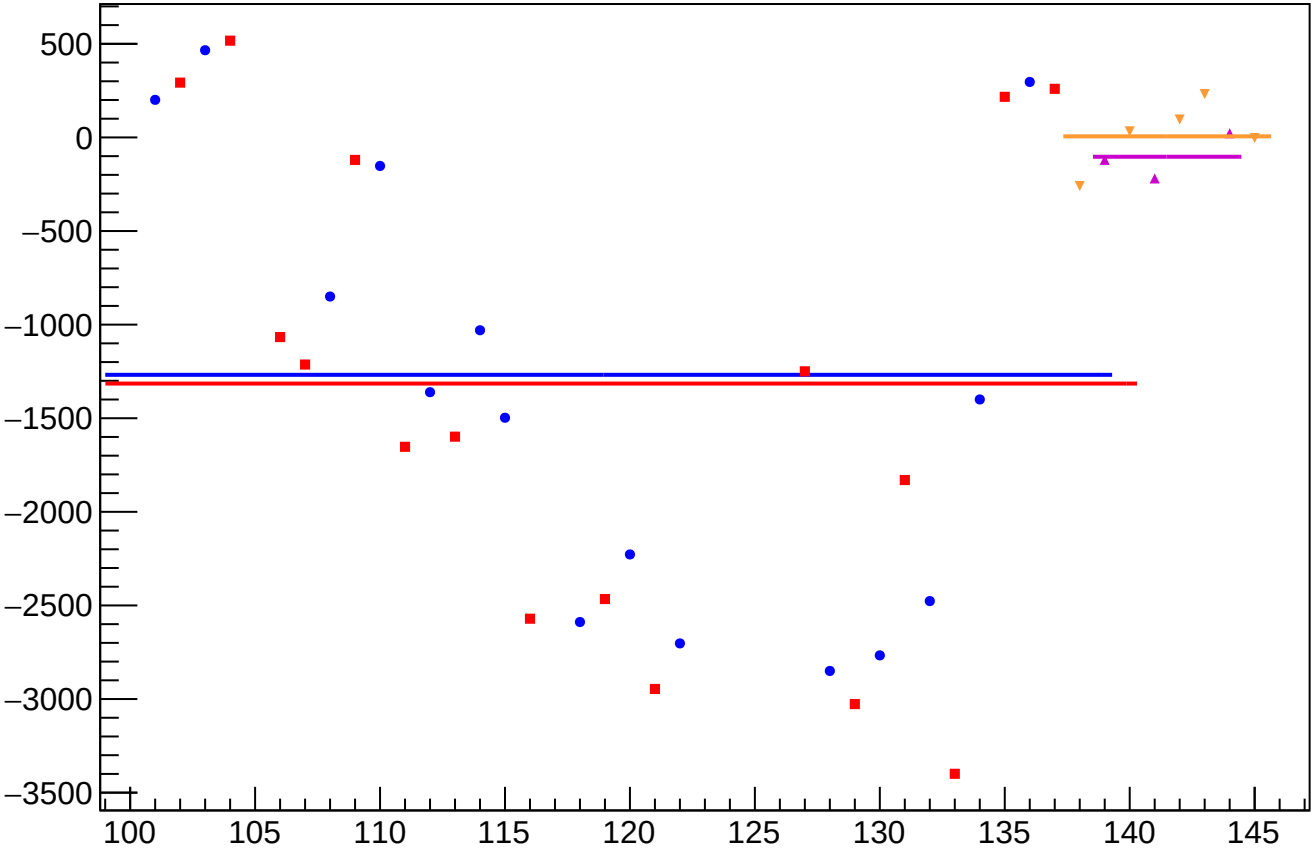
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14

+ sign -820.936+/-0.000 χ^2/NDF: 14712717405004

Left Out: 5.798+/-0.000 χ^2/NDF:93378684288409195638648165308752199 68.0/4

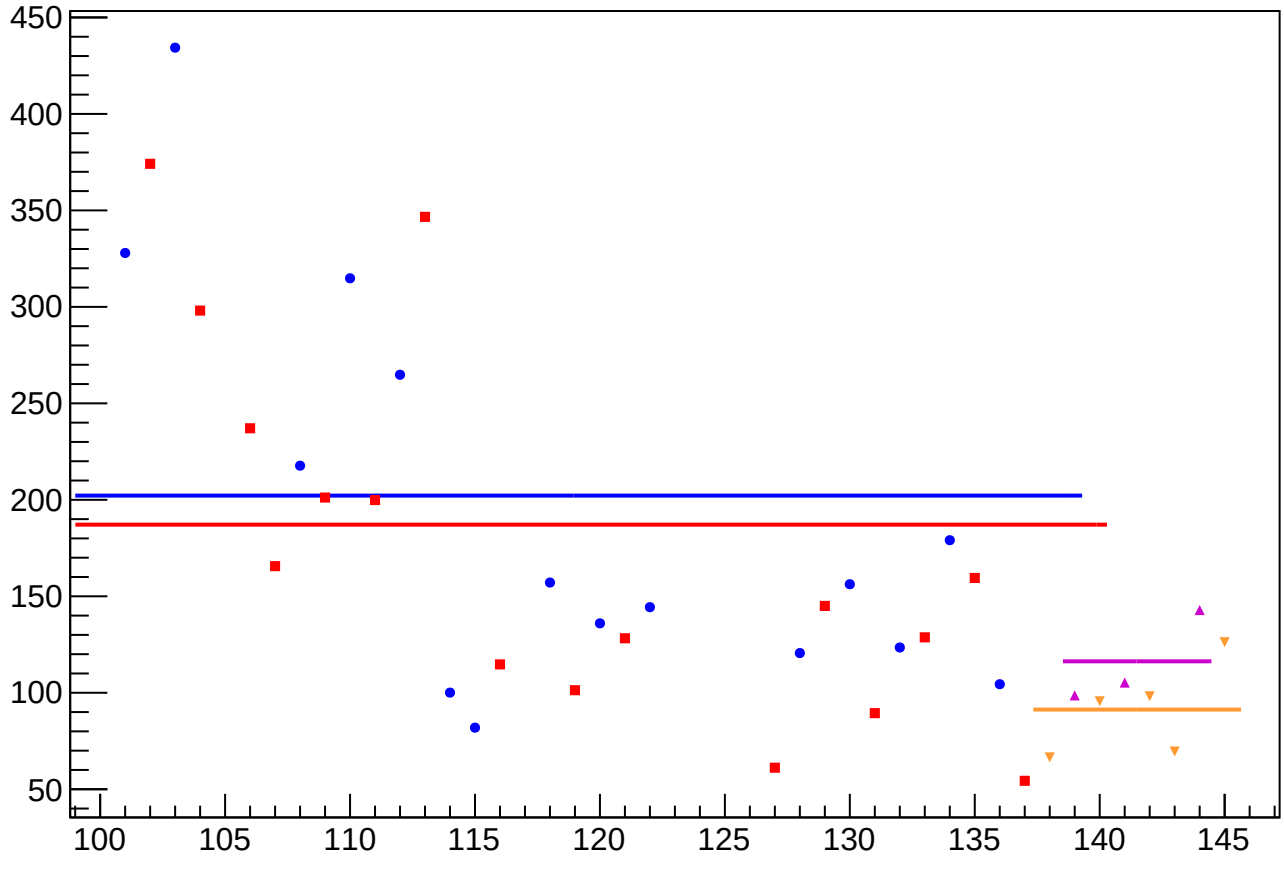
All: -897.094+/-0.000 χ^2/NDF: 2855162093 7

Right Out: -1314.767+/-0.000 χ^2/NDF: 109847131386407901371460937965326093516 8.0/15

- sign -979.695+/-0.000 χ^2/NDF: 13717996332383 3

Left In: -103.250+/-0.000 χ^2/NDF:25619191471509508970893496779475517 44.0/2

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

+ sign 163.266+/-0.000 χ^2/NDF: 100078518440731

Left Out: 91.293+/-0.000 χ^2/NDF:178383650994880193329429796614045696.0/4

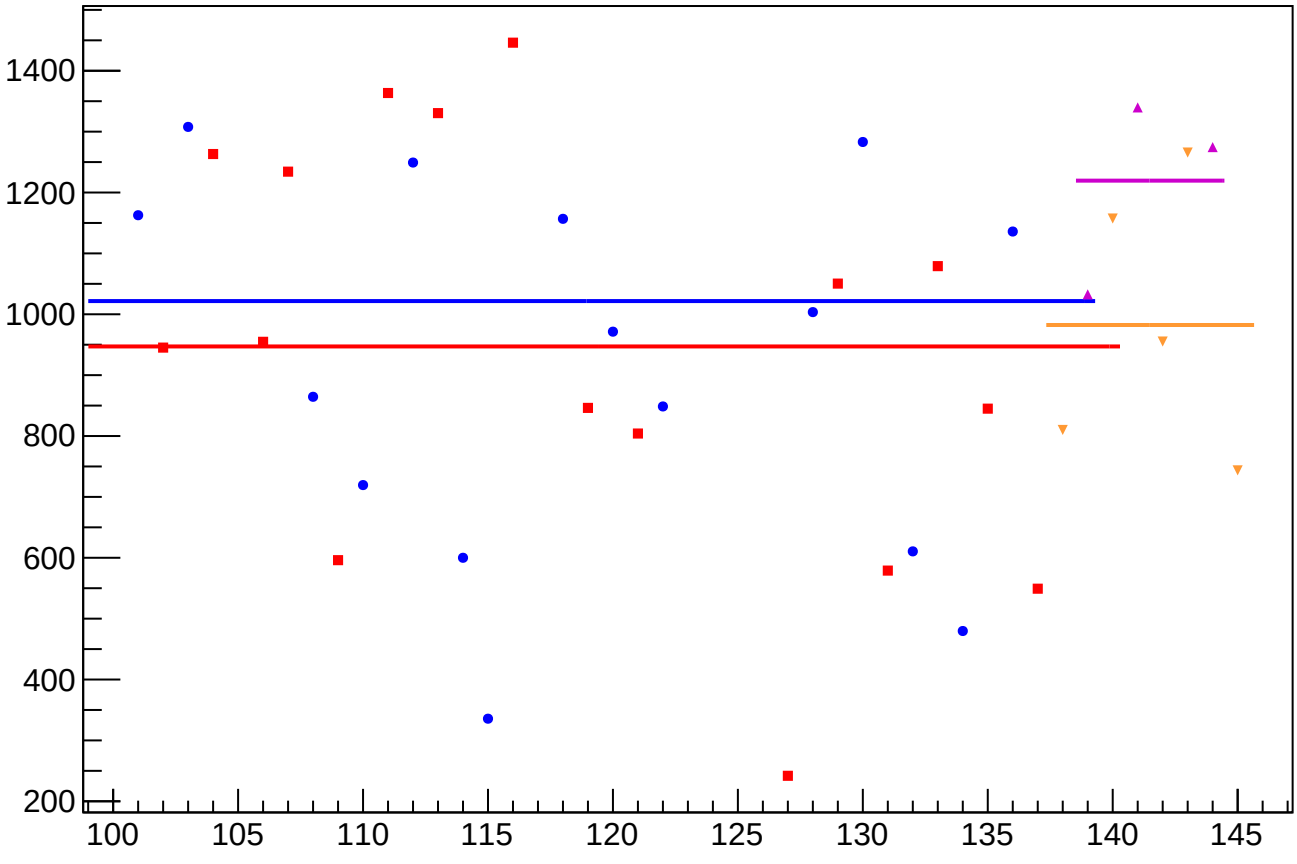
All: 165.315+/-0.000 χ^2/NDF: 17270281904 7

Right Out: 187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

- sign 167.538+/-0.000 χ^2/NDF: 725367346195442

Left In: 116.303+/-0.000 χ^2/NDF:983541825243241518623911198735728 64.0/2

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

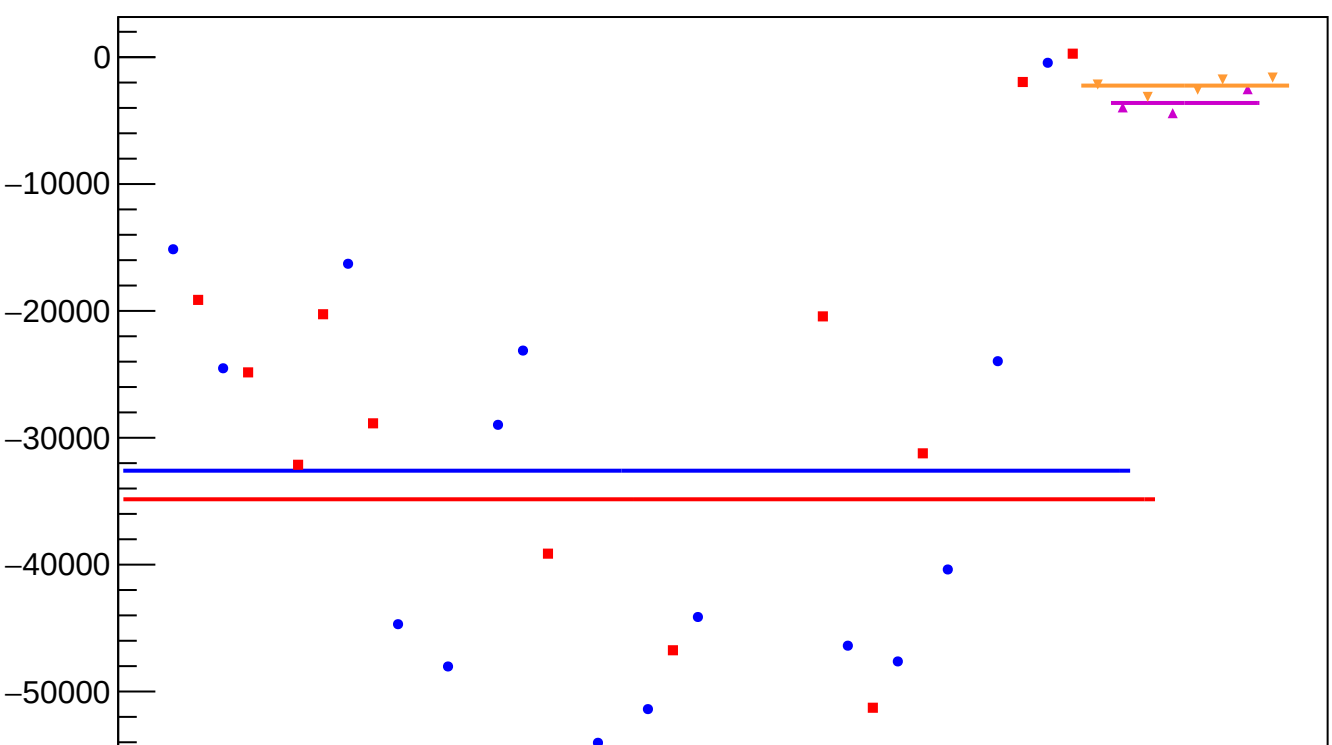
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

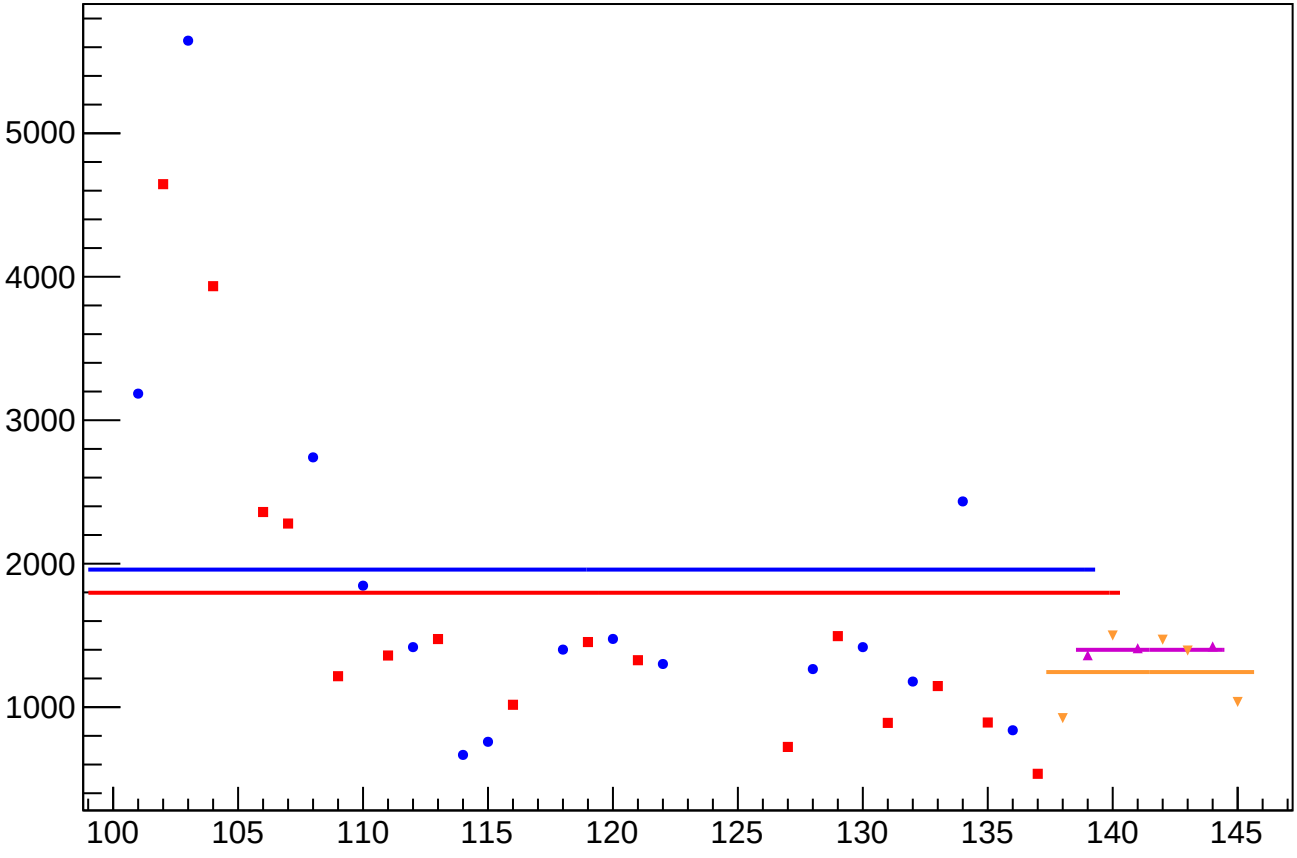
Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam2_coil7_mean vs Slug



Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
+ sign -21940.082+/-0.000 χ^2/NDF: 419178250039
Left Out: -2239.179+/-0.000 χ^2/NDF:117133111599788216979529365340041510912.0/4
All: -23987.540+/-0.000 χ^2/NDF: 829237203
Right Out: -34848.046+/-0.000 χ^2/NDF: 221127702024811719232559434097324967591936.0/15
- sign -26208.210+/-0.000 χ^2/NDF: 401320141972
Left In: -3609.110+/-0.000 χ^2/NDF:169625421512628313140139865434163773440.0/2

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

+ sign 1708.165+/-0.000 χ^2/NDF: 1326118265781

Left Out: 1244.675+/-0.000 χ^2/NDF:20612316602097210864576990475823611904.0/4

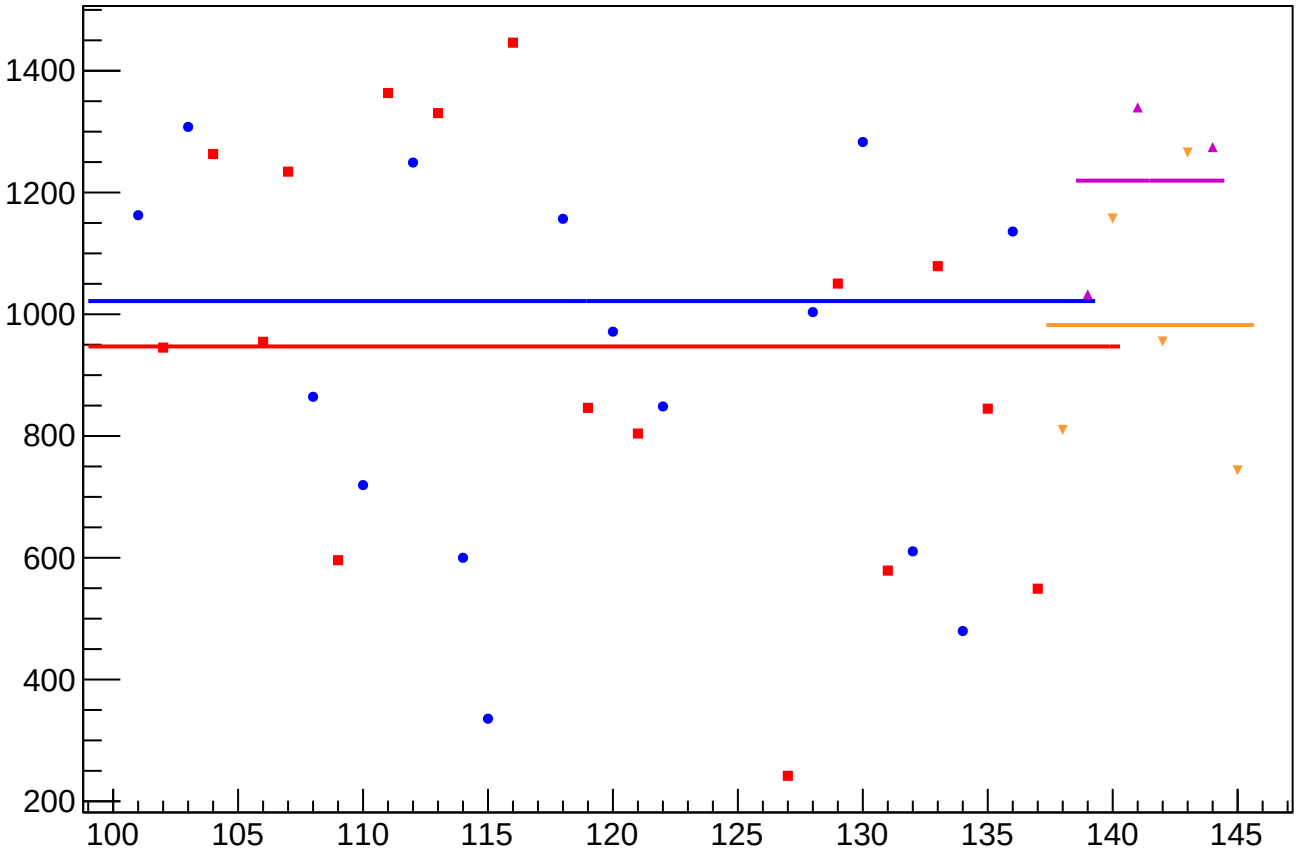
All: 1698.203+/-0.000 χ^2/NDF: 2310775454

Right Out: 1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

- sign 1687.399+/-0.000 χ^2/NDF: 98445032589159

Left In: 1399.691+/-0.000 χ^2/NDF:17612446556638751230091238080040 1408.0/2

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

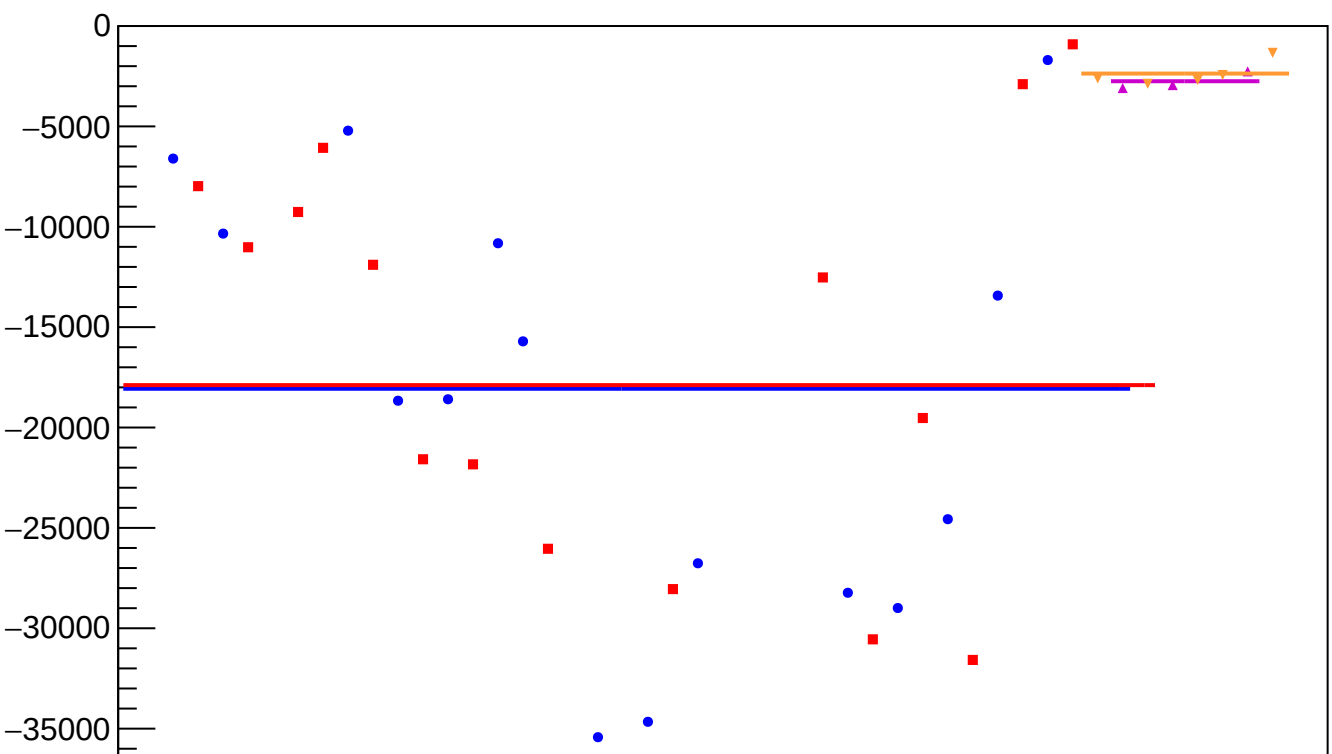
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

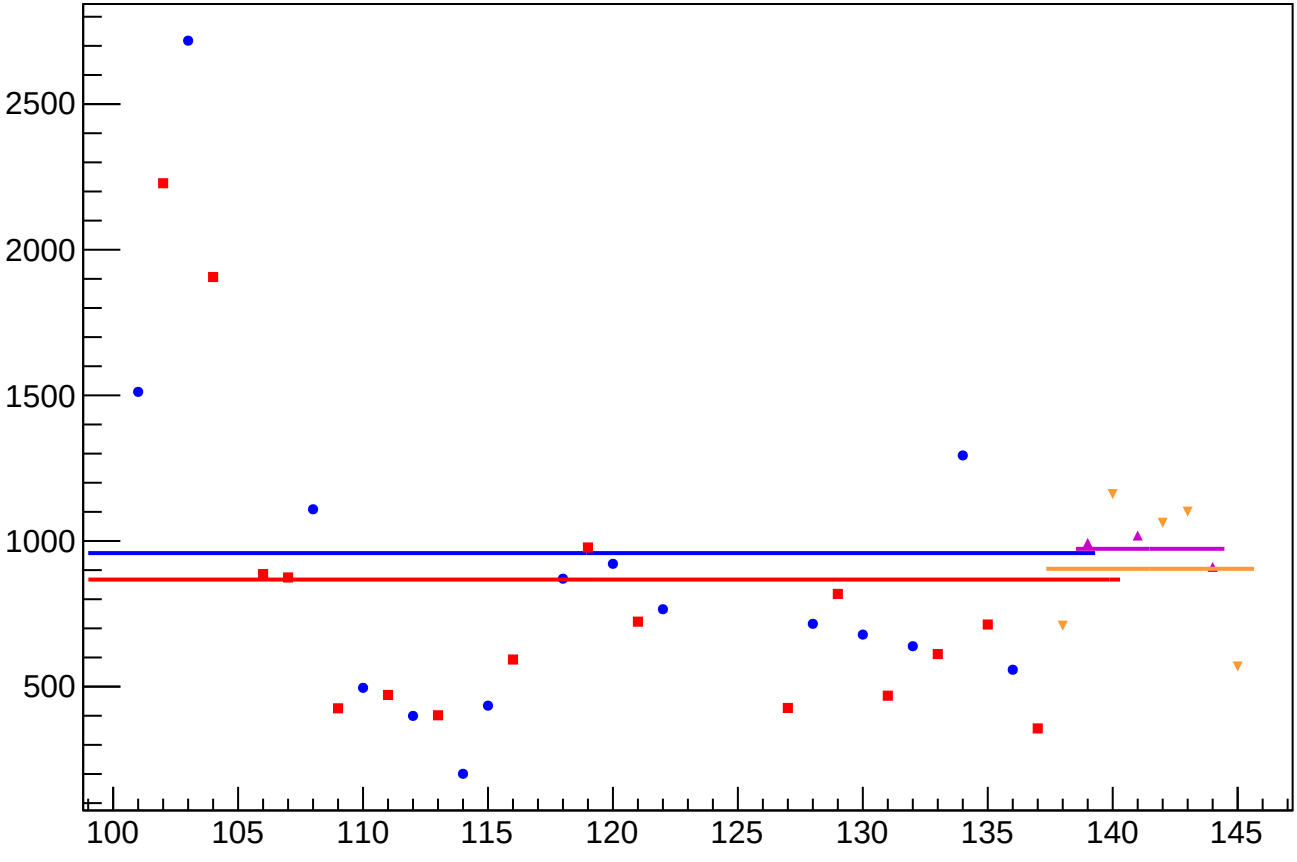
Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
+ sign -12557.801+/-0.000 χ^2/NDF: 140577418082
Left Out: -2368.411+/-0.000 χ^2/NDF:1140921184454448471345001453973699297 28.0/4
All: -13106.389+/-0.000 χ^2/NDF: 261918703
Right Out: -17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
- sign -13701.386+/-0.000 χ^2/NDF: 120713929276 5
Left In: -2750.126+/-0.000 χ^2/NDF:3401062491518367650006328959820837 6832.0/2

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Left Out: 904.579+/-0.000 χ^2/NDF:2087401226236370661974331412674143846 4.0/4

Right Out: 867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881510 40.0/15

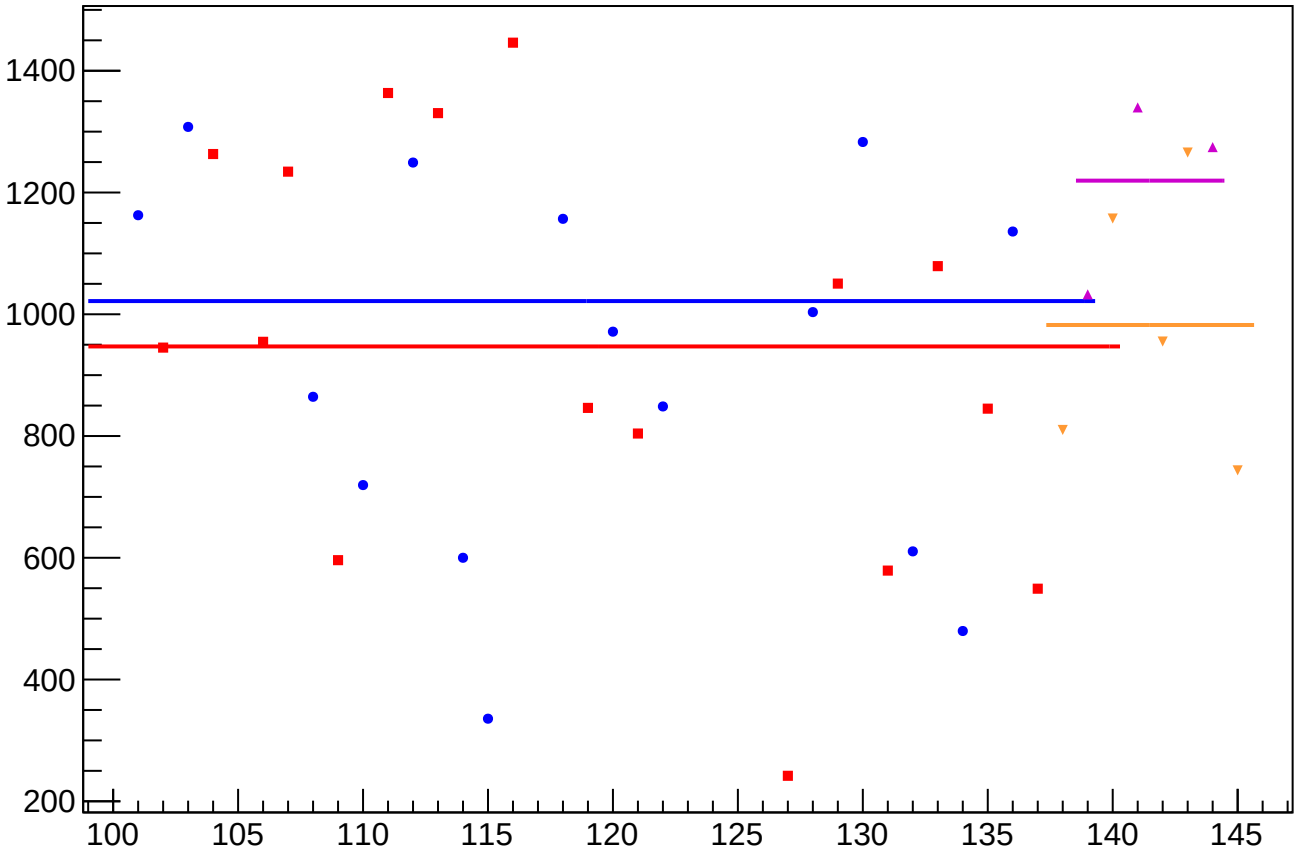
Left In: 973.130+/-0.000 χ^2/NDF:5542182305326852192181521160360427 52.0/2

+ sign 939.516+/-0.000 χ^2/NDF: 286267231156736

All: 918.997+/-0.000 χ^2/NDF: 50588584396

- sign 896.742+/-0.000 χ^2/NDF: 218740921184458

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

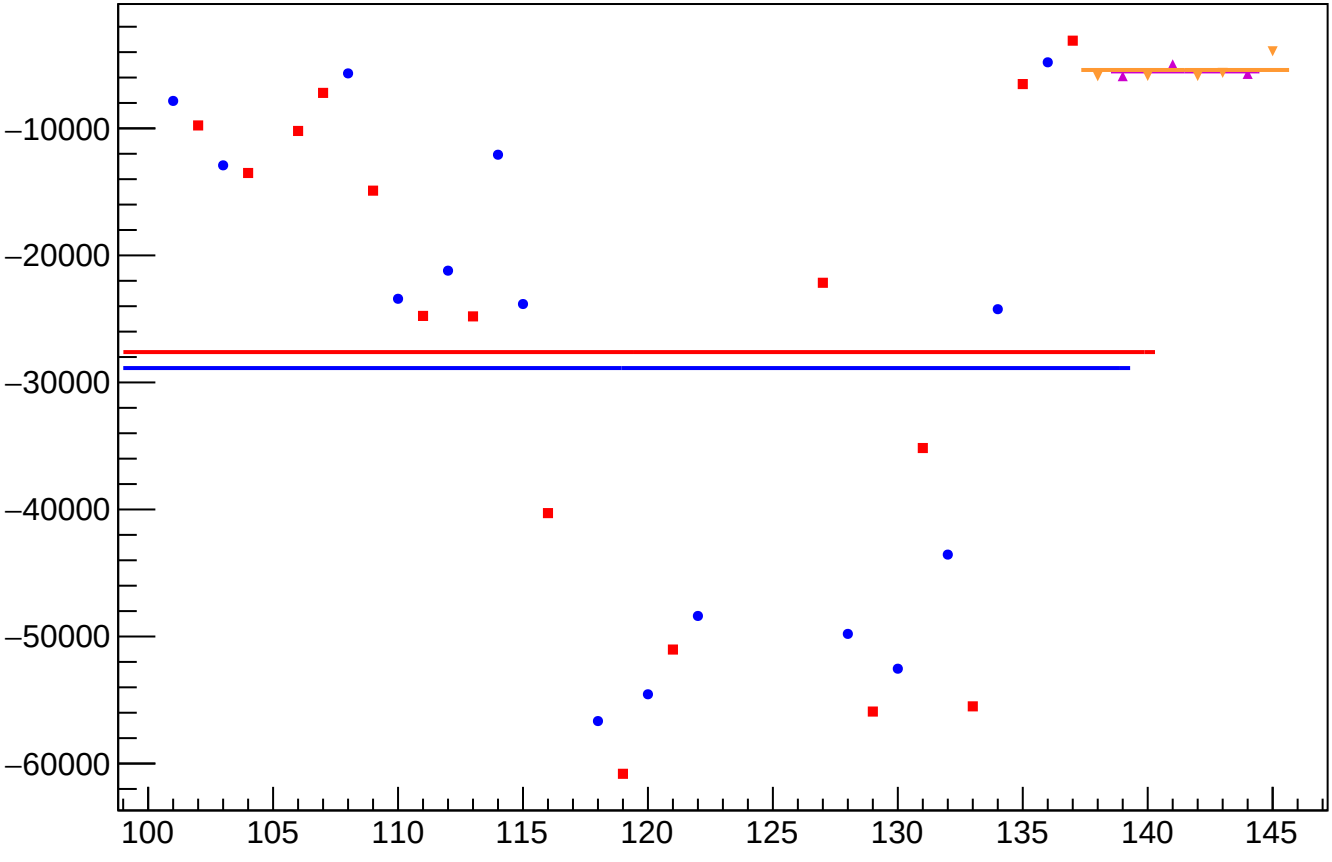
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

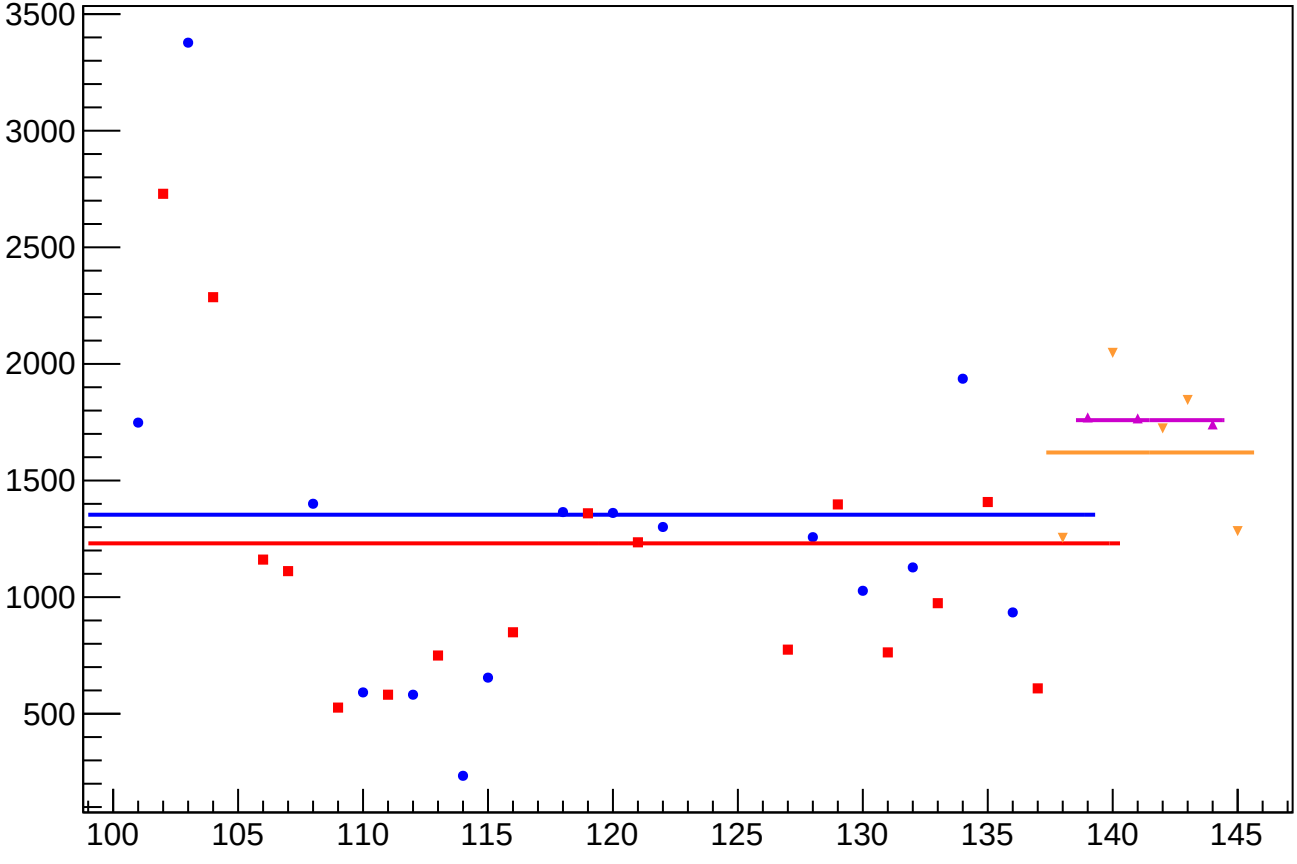
Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
+ sign -20632.564+/-0.000 χ^2/NDF: 387093761925
Left Out: -5404.066+/-0.000 χ^2/NDF:22023464364030915487833816960113993318 4.0/4
All: -21048.938+/-0.000 χ^2/NDF: 725636012
Right Out: -27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
- sign -21500.537+/-0.000 χ^2/NDF: 3381808489466
Left In: -5517.882+/-0.000 χ^2/NDF:41278138854058189655406291031785734144.0/2

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

+ sign 1447.092+/-0.000 χ^2/NDF: 4072763860275 3

Left Out: 1620.304+/-0.000 χ^2/NDF:3816210660242648076290411070059079270 4.0/4

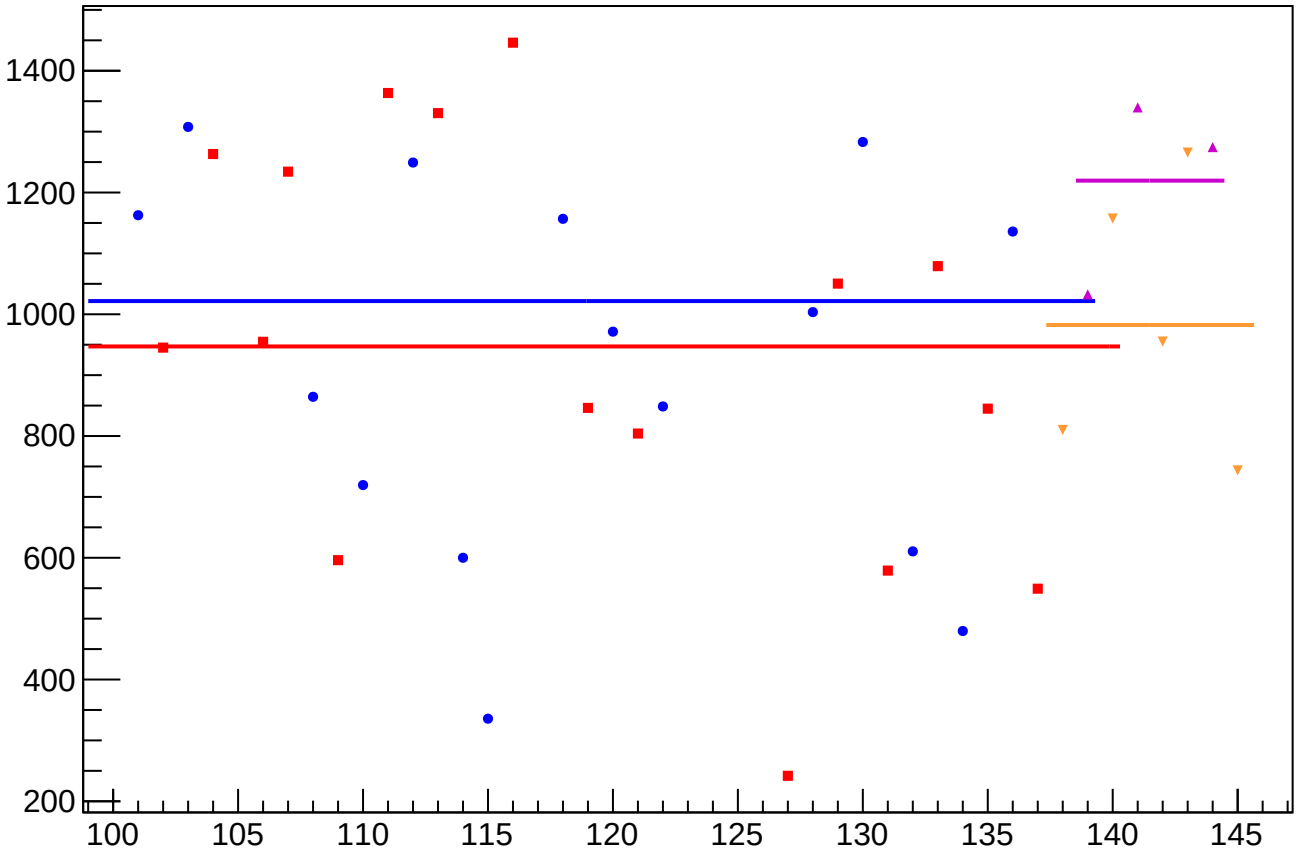
All: 1413.340+/-0.000 χ^2/NDF: 7381643133 2

Right Out: 1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

- sign 1376.734+/-0.000 χ^2/NDF: 3285132420465 6

Left In: 1758.888+/-0.000 χ^2/NDF:4568864166789374582295148050461491 2.0/2

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

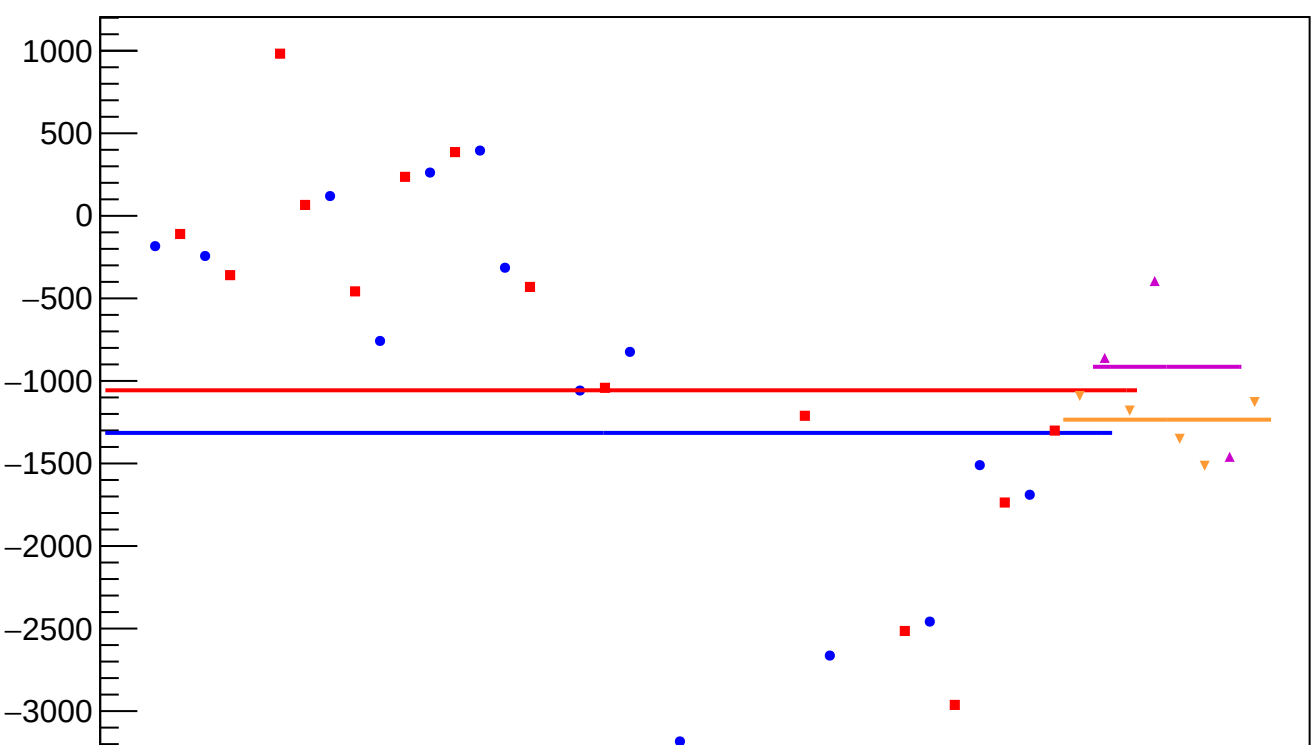
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

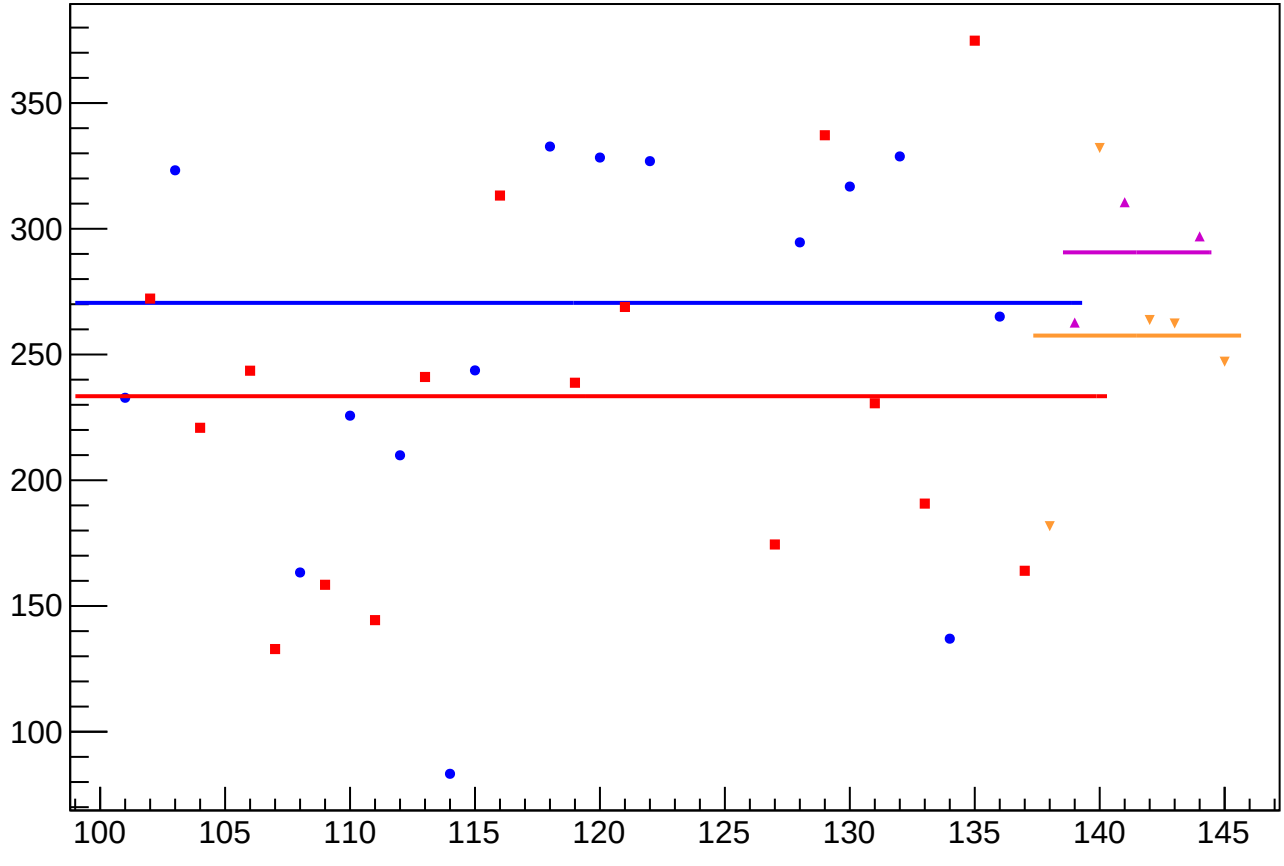
Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14
+ sign -1286.670+/-0.000 χ^2/NDF: 9761232037098
Left Out: -1234.690+/-0.000 χ^2/NDF:857958184814005166076917649879597056 0.0/4
All: -1157.489+/-0.000 χ^2/NDF: 2191422994
Right Out: -1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15
- sign -1017.379+/-0.000 χ^2/NDF: 1180512533119 9
Left In: -914.357+/-0.000 χ^2/NDF:496297766245619758359751068469826682 88.0/2

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

+ sign 265.973+/-0.000 χ^2/NDF: 342852432762508

Left Out: 257.533+/-0.000 χ^2/NDF:916157138028815724637223849063088128.0/4

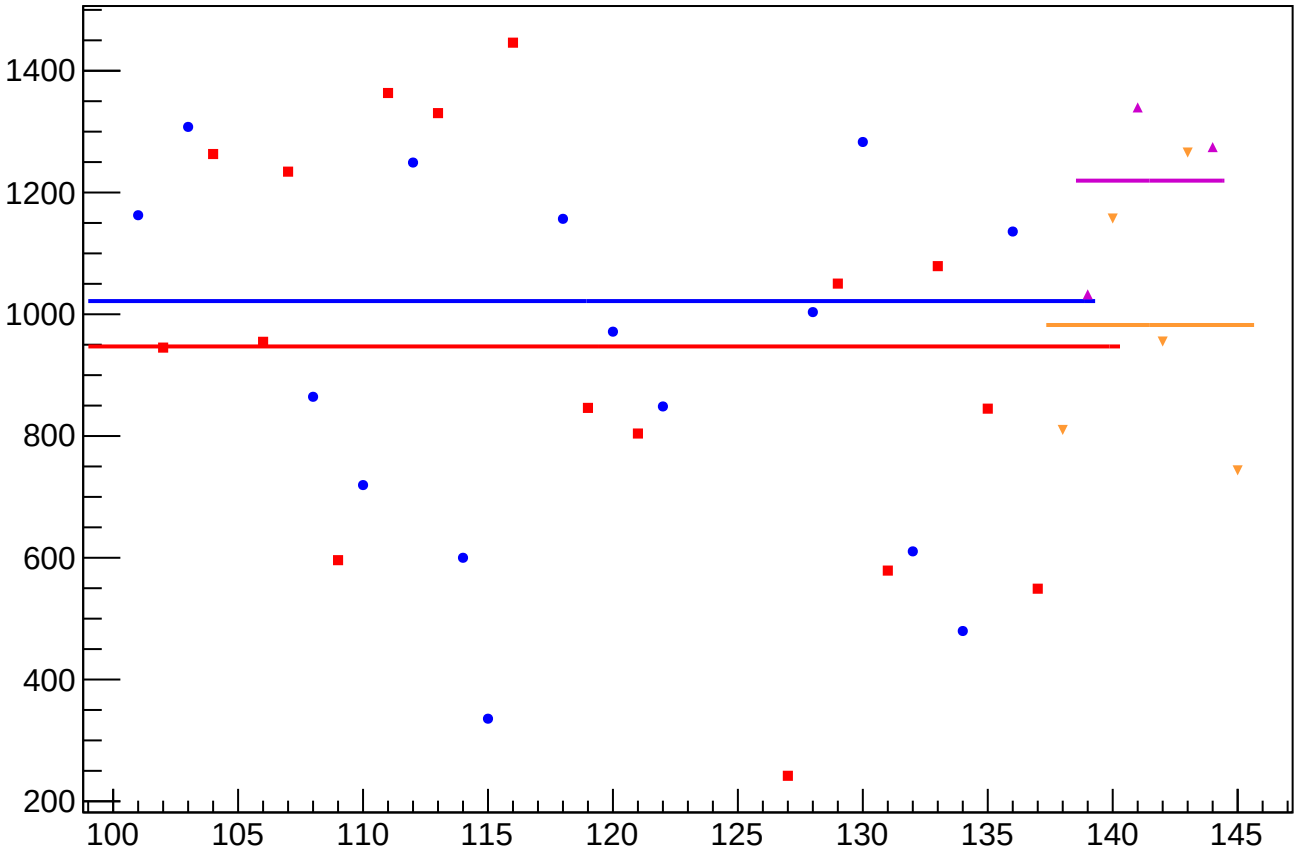
All: 257.947+/-0.000 χ^2/NDF: 731545196673

Right Out: 233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

- sign 249.241+/-0.000 χ^2/NDF: 375262151109193

Left In: 290.621+/-0.000 χ^2/NDF:1005200651316778054488646381039779 84.0/2

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

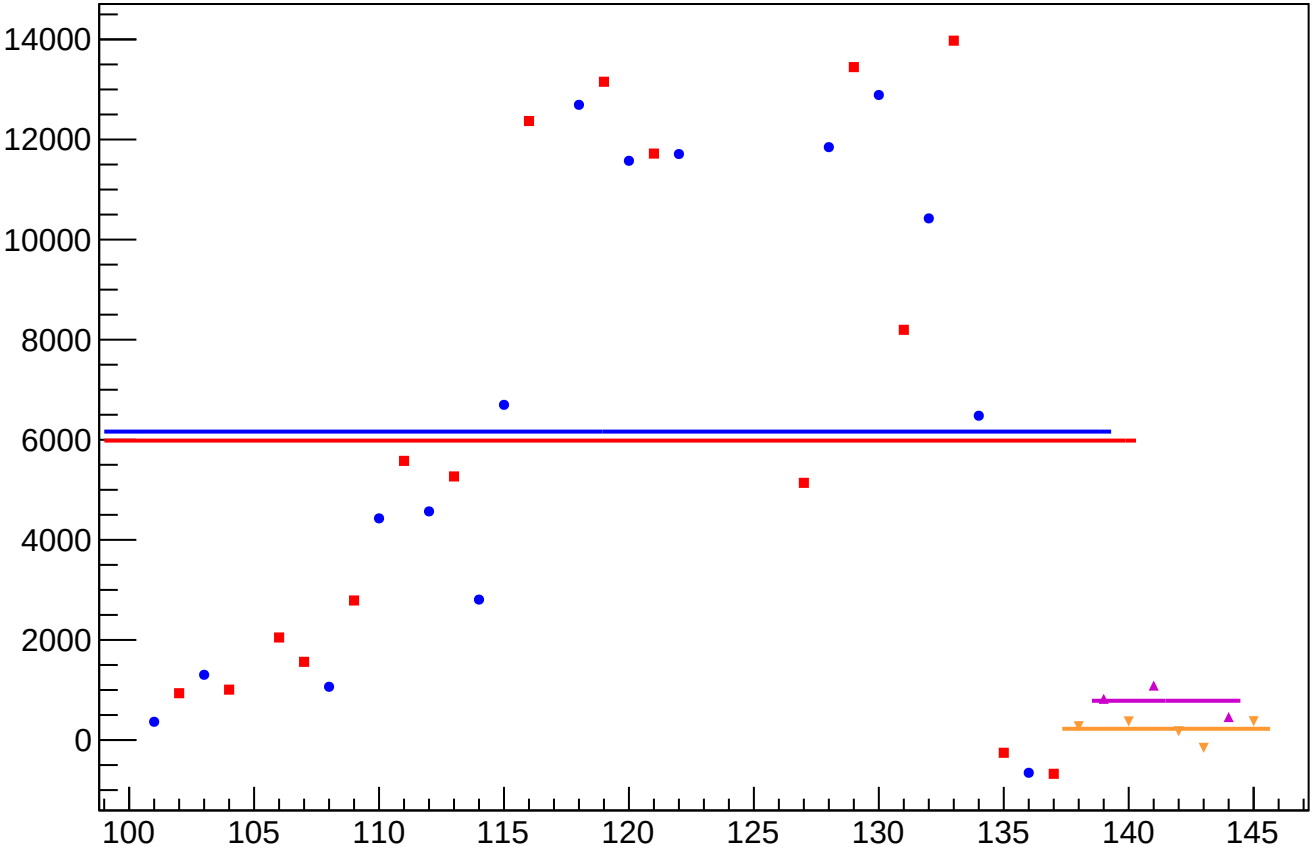
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

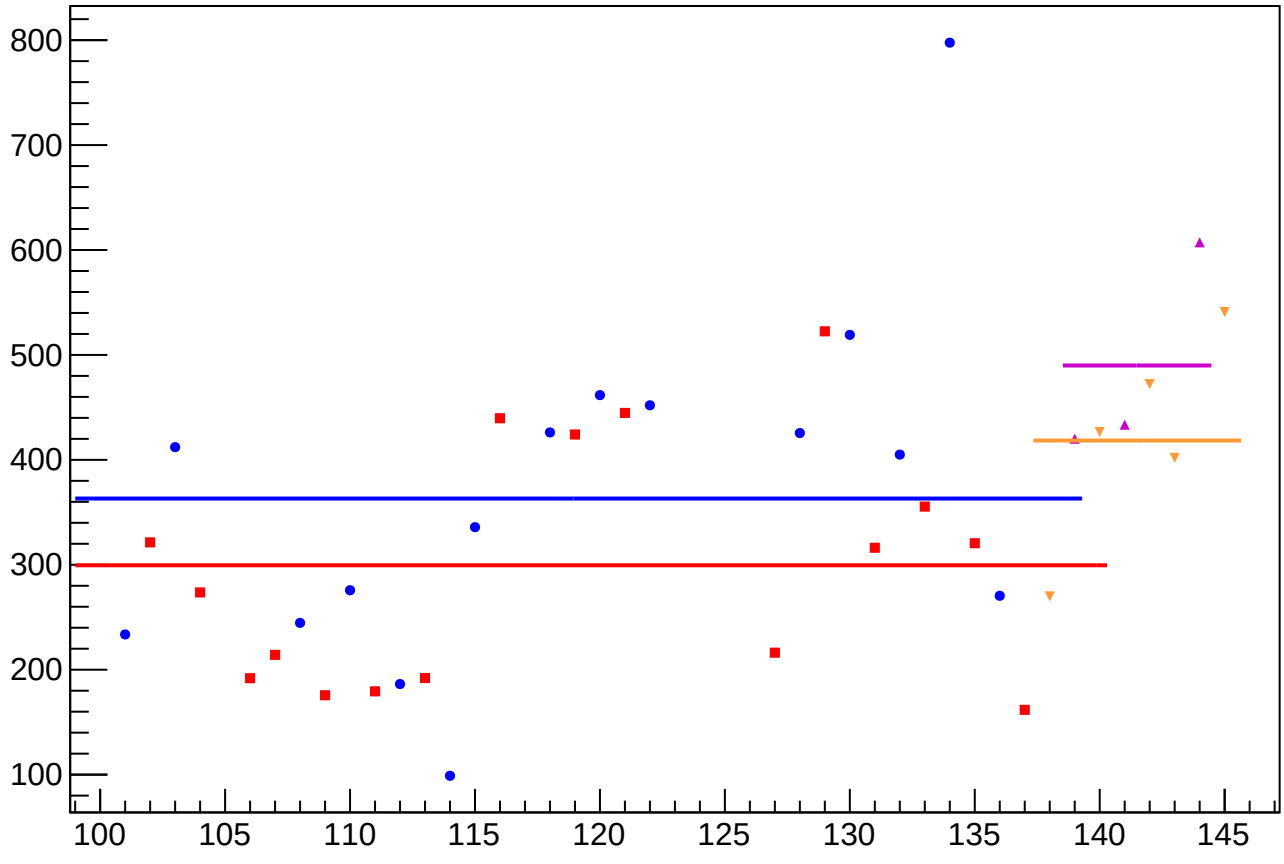
Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14
+ sign 4079.041+/-0.000 χ^2/NDF: 2624766792382 3
Left Out: 224.972+/-0.000 χ^2/NDF:1360829541238262584665340140178112 5120.0/4
All: 4303.035+/-0.000 χ^2/NDF: 4886104805 5
Right Out: 5983.876+/-0.000 χ^2/NDF: 1750520191327627355916108876415584174 0800.0/15
- sign 4545.979+/-0.000 χ^2/NDF: 2250878877236 1
Left Out: 784.890+/-0.000 χ^2/NDF:1735609419958332666857197776946384 0768.0/2

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF: 115027916970764564264359982779953315 84.0/14

Left Out: 418.422+/-0.000 χ^2/NDF:304718396744319508019755847723358617 6.0/4

Right Out: 299.514+/-0.000 χ^2/NDF: 768549731874422521835465282898467225 6.0/15

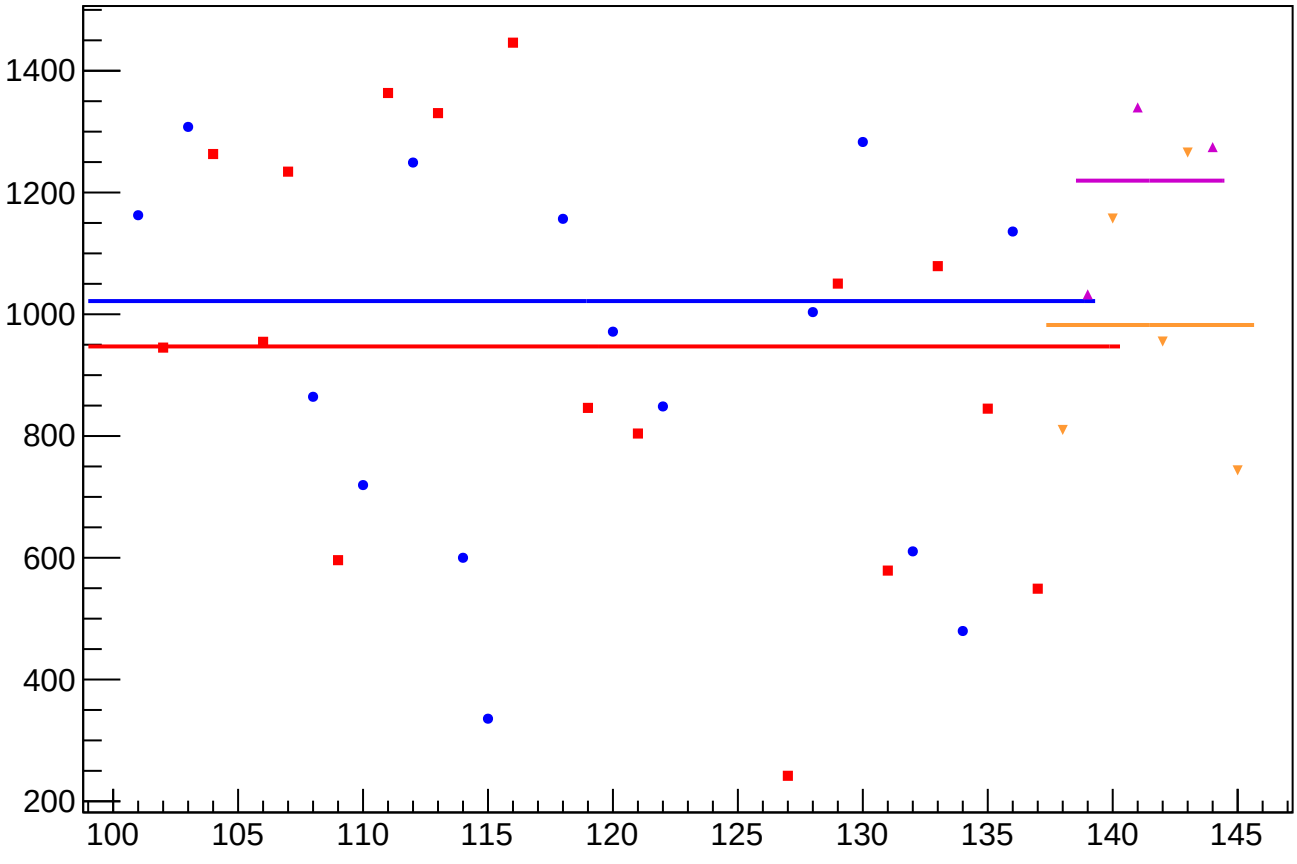
Left In: 489.934+/-0.000 χ^2/NDF:189174684654773249982149958849842380 8.0/2

+ sign 382.540+/-0.000 χ^2/NDF: 15246316384776 0

All: 367.975+/-0.000 χ^2/NDF: 31954697689 9

- sign 352.179+/-0.000 χ^2/NDF: 16266213086091 8

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

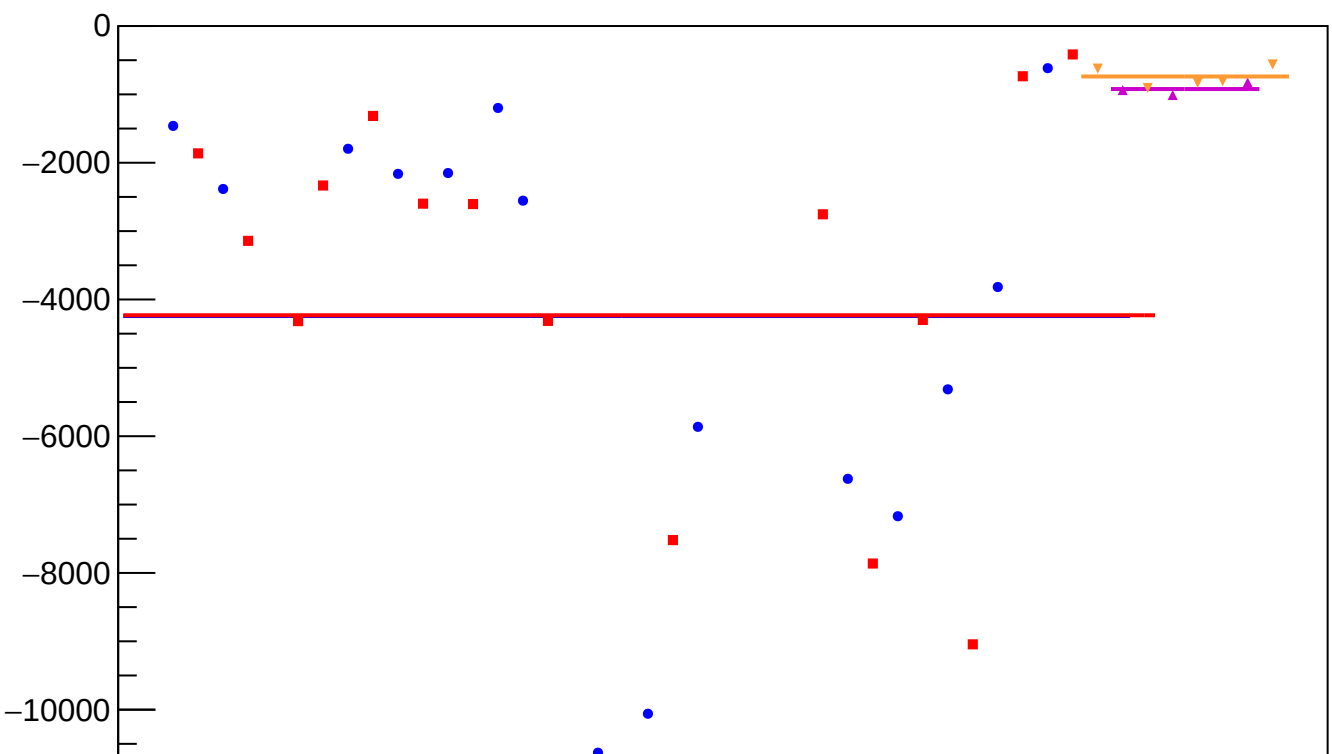
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

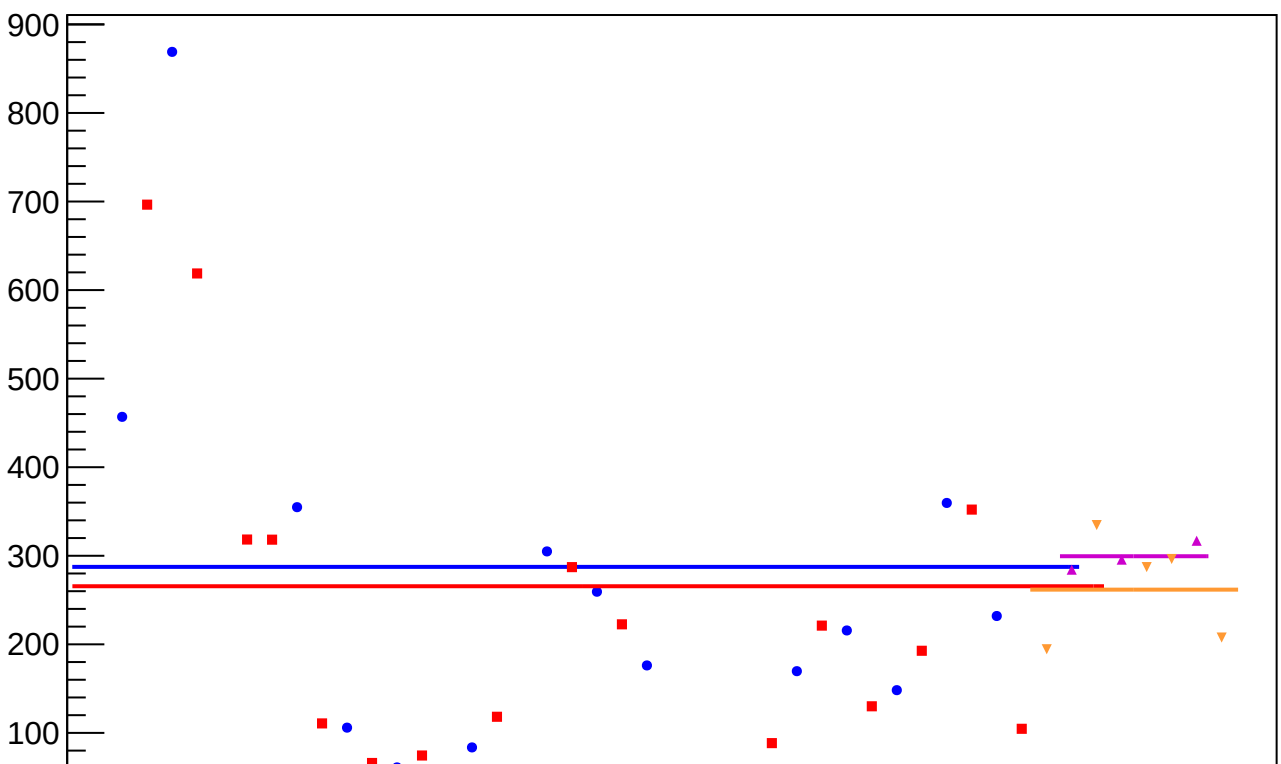
Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14
+ sign -3012.273+/-0.000 χ^2/NDF: 9586850517780
Left Out: -738.181+/-0.000 χ^2/NDF:646882167726279418750821834630260326 4.0/4
All: -3157.865+/-0.000 χ^2/NDF: 1833493816
Right Out: -4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046 5792.0/15
- sign -3315.775+/-0.000 χ^2/NDF: 8703900086172 0
Left In: -921.889+/-0.000 χ^2/NDF:148742192373887505990430799546233651 2.0/2

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

+ sign 278.436+/-0.000 χ^2/NDF: 307950514005773

Left Out: 261.752+/-0.000 χ^2/NDF:112745669784836008799585784946281676 8.0/4

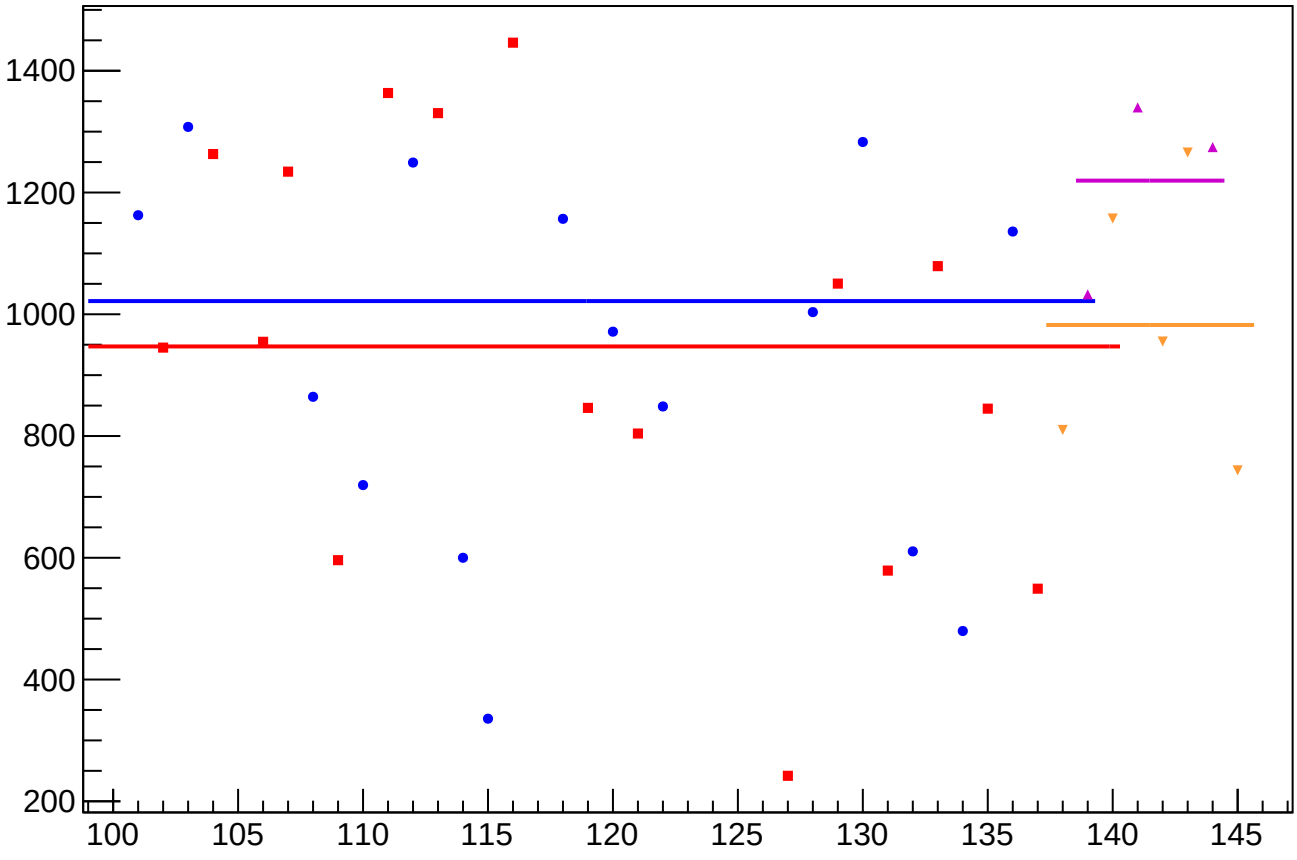
All: 276.771+/-0.000 χ^2/NDF: 569030574552

Right Out: 265.593+/-0.000 χ^2/NDF: 258432631063290592749854992590669086 72.0/15

- sign 274.965+/-0.000 χ^2/NDF: 261022260228146

Left In: 299.480+/-0.000 χ^2/NDF:47124722844183066355060593810997248.0/2

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

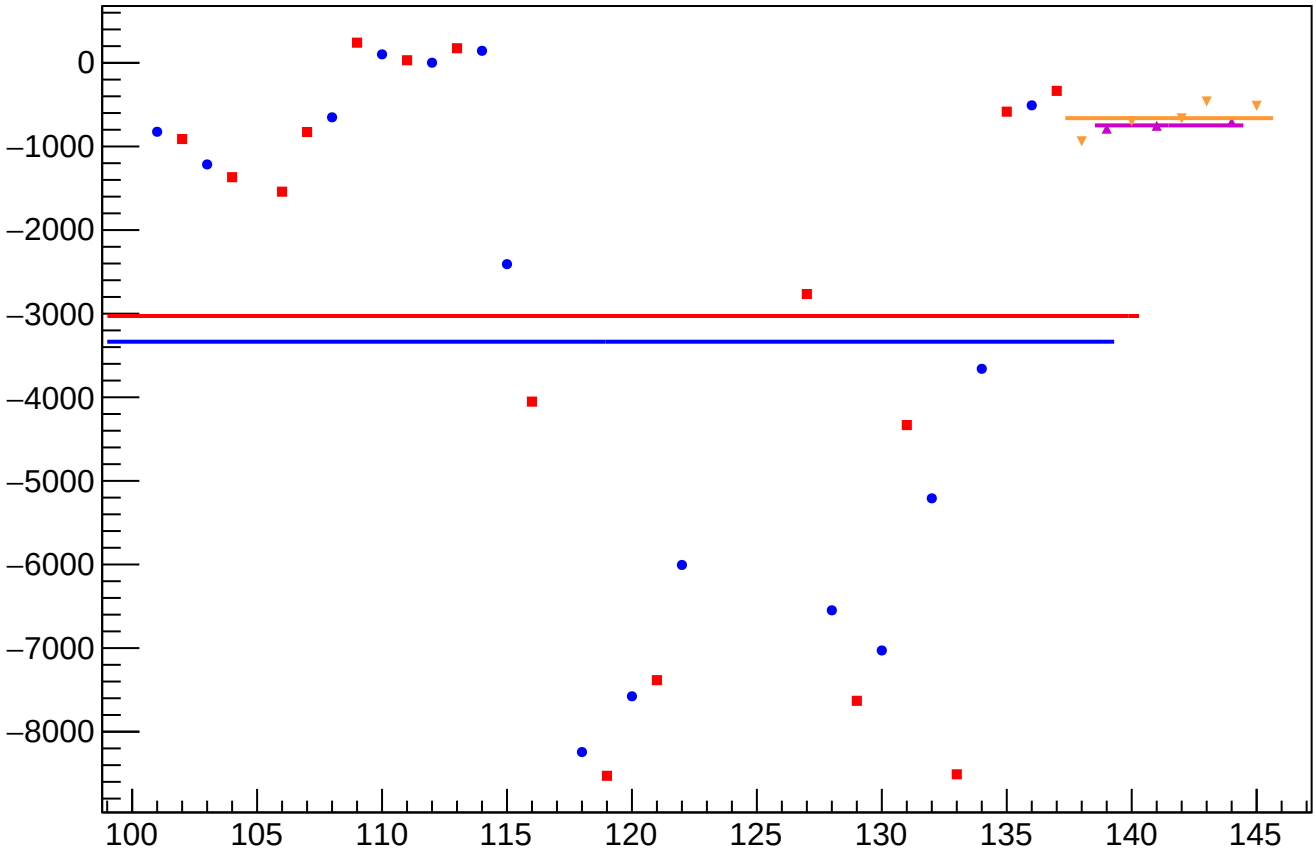
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_sam8_coil7_mean vs Slug



Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14

+ sign -2396.655+/-0.000 χ^2/NDF: 7977532456218

Left Out: -661.147+/-0.000 χ^2/NDF:1046680114868515134503812704713572352 0.0/4

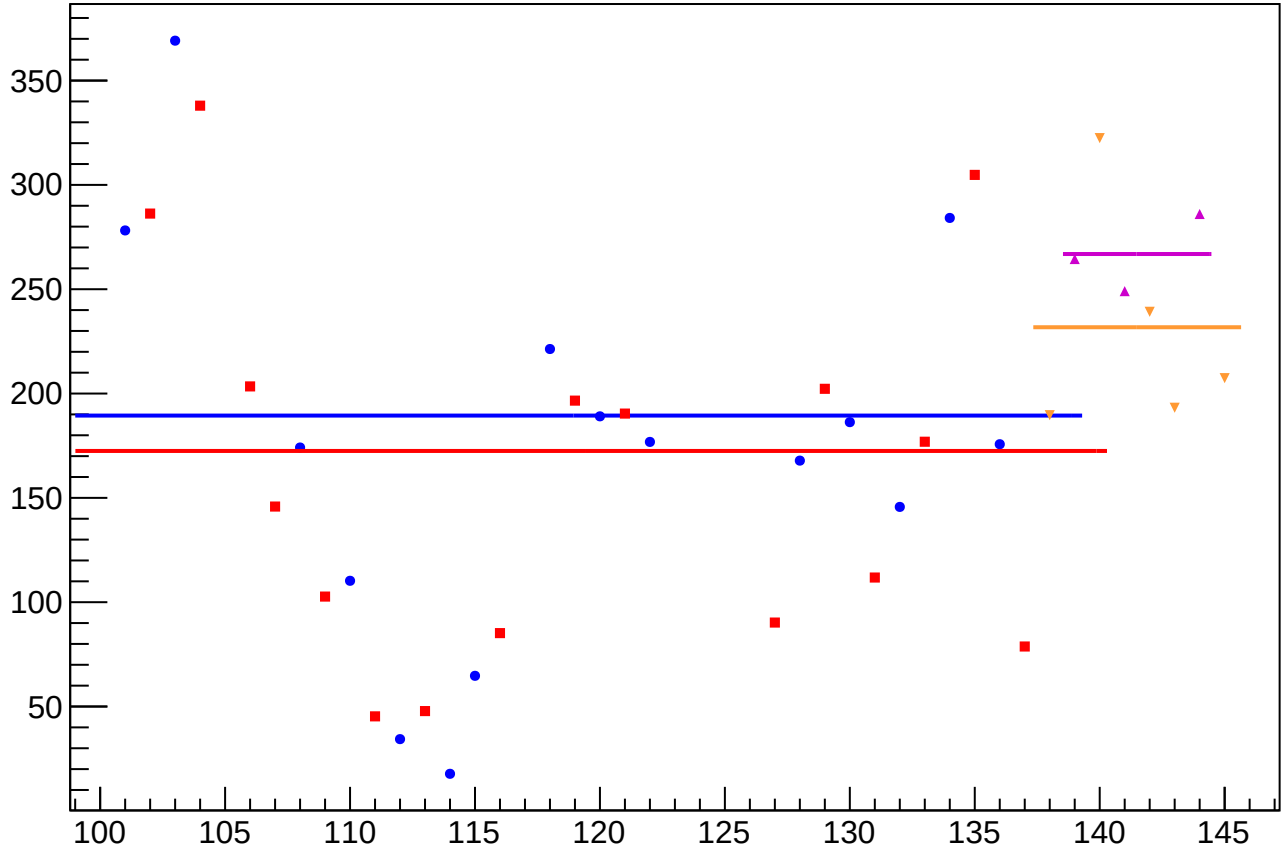
All: -2396.851+/-0.000 χ^2/NDF: 1602278355

Right Out: -3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15

- sign -2397.064+/-0.000 χ^2/NDF: 8045251017081 6

Left In: -747.771+/-0.000 χ^2/NDF:2659094285971739534309694001601576 96.0/2

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Left Out: 231.775+/-0.000 χ^2/NDF:9609160000334656231209309696782499 84.0/4

Right Out: 172.485+/-0.000 χ^2/NDF: 5594813408996728261938711470404534272.0/15

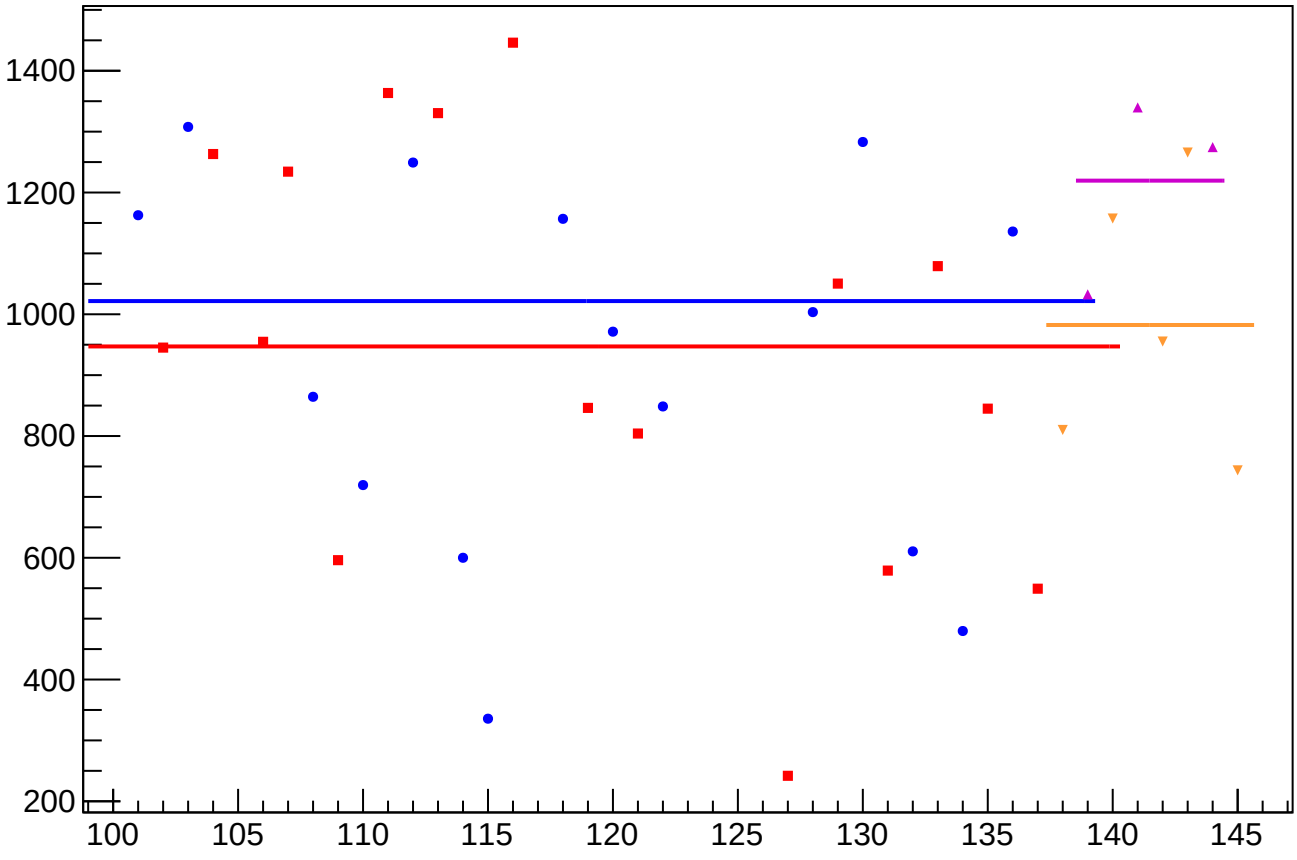
Left In: 266.874+/-0.000 χ^2/NDF:601267146159458657233326061408747 52.0/2

+ sign 204.301+/-0.000 χ^2/NDF: 607638919943394

All: 201.561+/-0.000 χ^2/NDF: 13390521895

- sign 198.590+/-0.000 χ^2/NDF: 729849104547102

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1007.889+/-0.000 χ^2/NDF: 5553075950500 8

Left Out: 982.382+/-0.000 χ^2/NDF:1468578244497595504364601345840460 5952.0/4

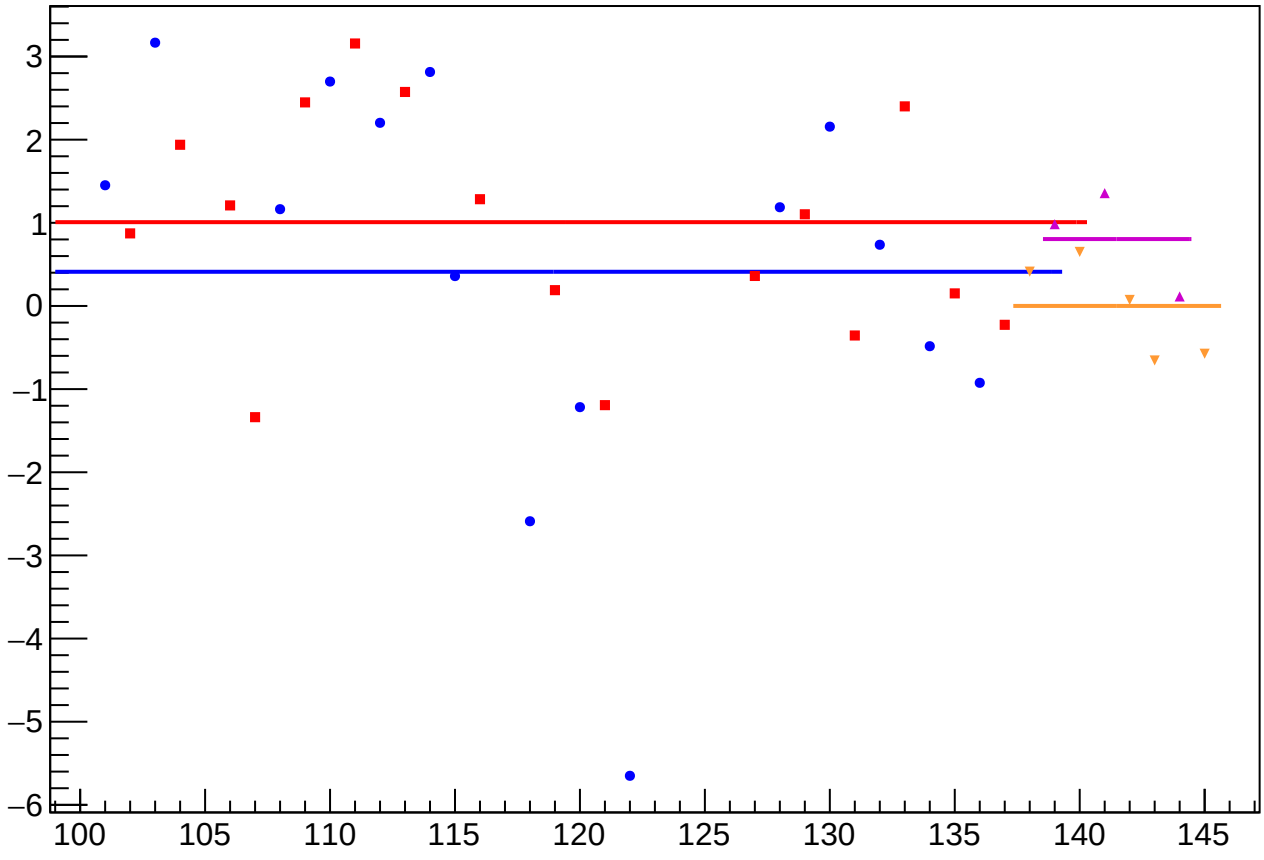
All: 1014.886+/-0.000 χ^2/NDF: 1414284222 1

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1022.475+/-0.000 χ^2/NDF: 8579560326488 4

Left In: 1219.514+/-0.000 χ^2/NDF:432583992221484501597017462955992 6784.0/2

dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

+ sign 0.267+/-0.000 χ^2/NDF: 3526709105345291 1

Left Out: 0.000+/-0.000 χ^2/NDF:102700957631794118357892762435584.0/4

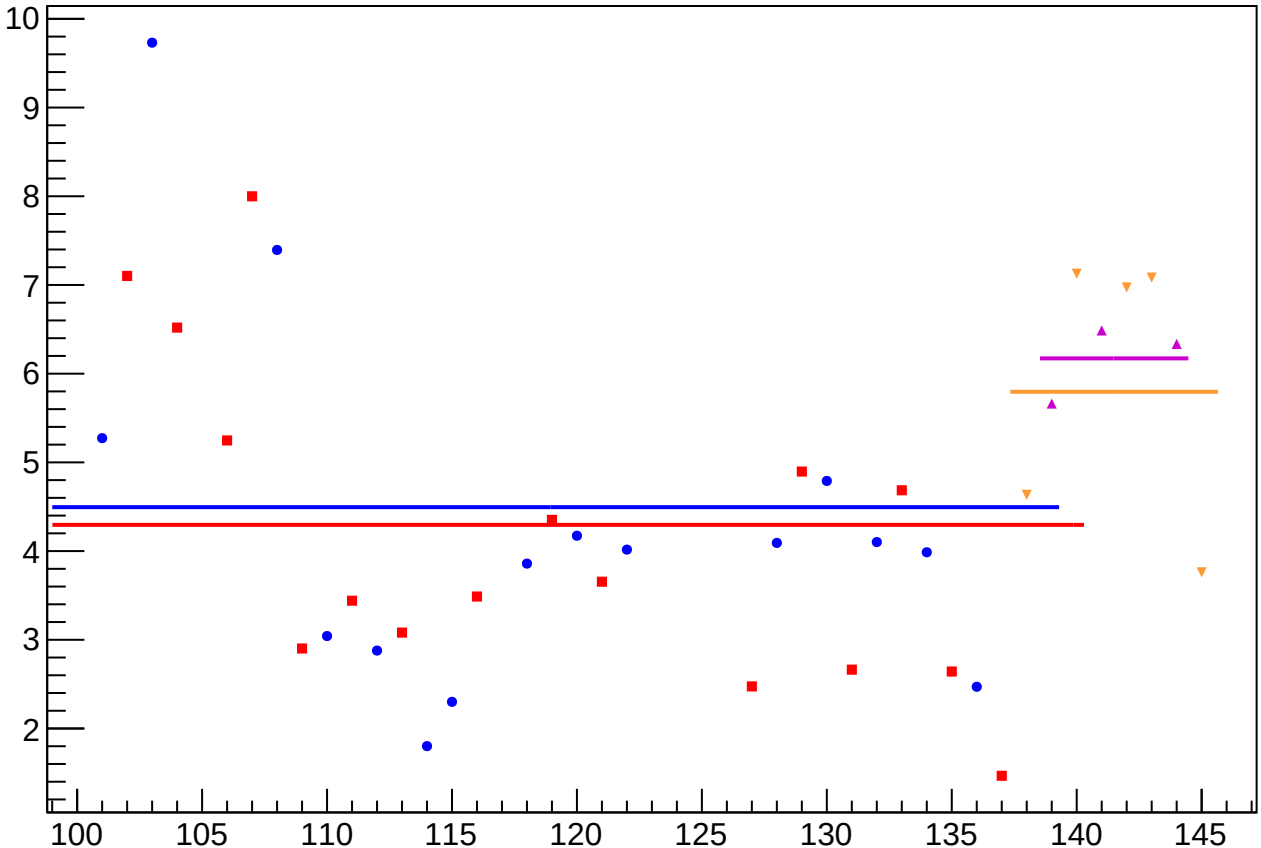
All: 0.595+/-0.000 χ^2/NDF: 4958487108218 2

Right Out: 1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

- sign 0.952+/-0.000 χ^2/NDF: 12069412268596540

Left In: 0.805+/-0.000 χ^2/NDF:709222353553439283620392783052 80.0/2

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

+ sign 4.952+/-0.000 χ^2/NDF: 3876143203995348 4

Left Out: 5.796+/-0.000 χ^2/NDF:748360972847022602574752578011136.0/4

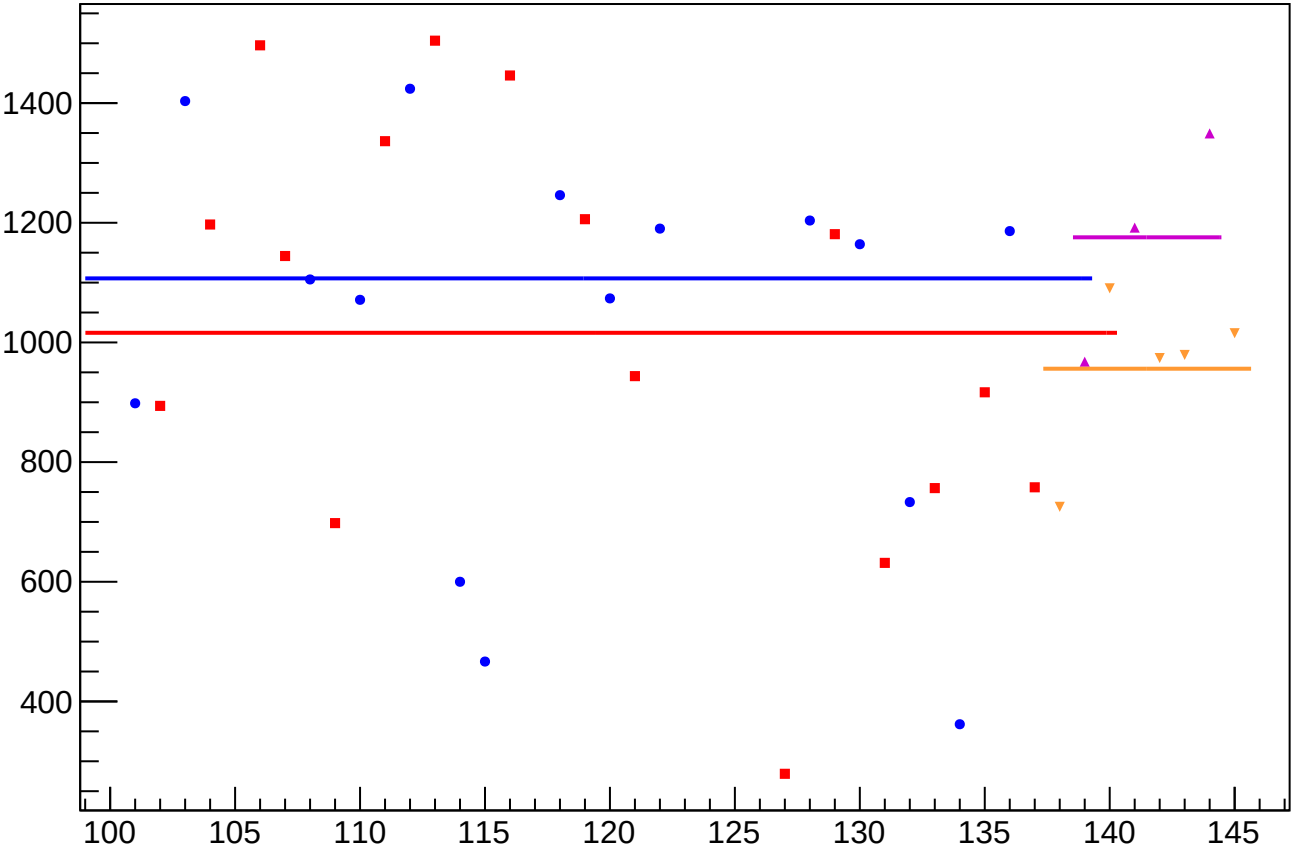
All: 4.886+/-0.000 χ^2/NDF: 6578714186839 1

Right Out: 4.296+/-0.000 χ^2/NDF: 2011925707062051890381007475441664.0/15

- sign 4.815+/-0.000 χ^2/NDF: 2693548215547590 3

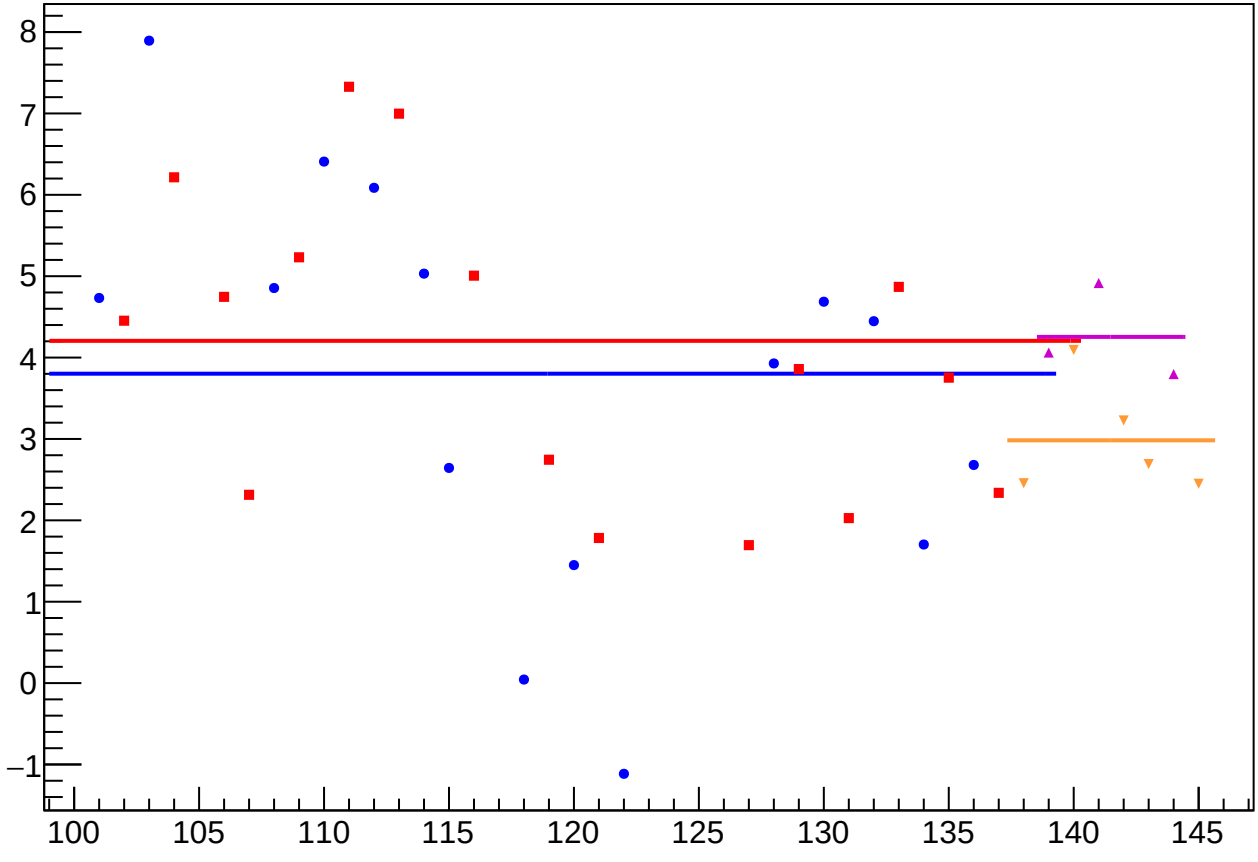
Left In: 6.172+/-0.000 χ^2/NDF:317999917148442394345875366215 68.0/2

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

+ sign 3.515+/-0.000 χ^2/NDF: 4101569645243291 9

Left Out: 2.983+/-0.000 χ^2/NDF:1533778739894381247485560529879 04.0/4

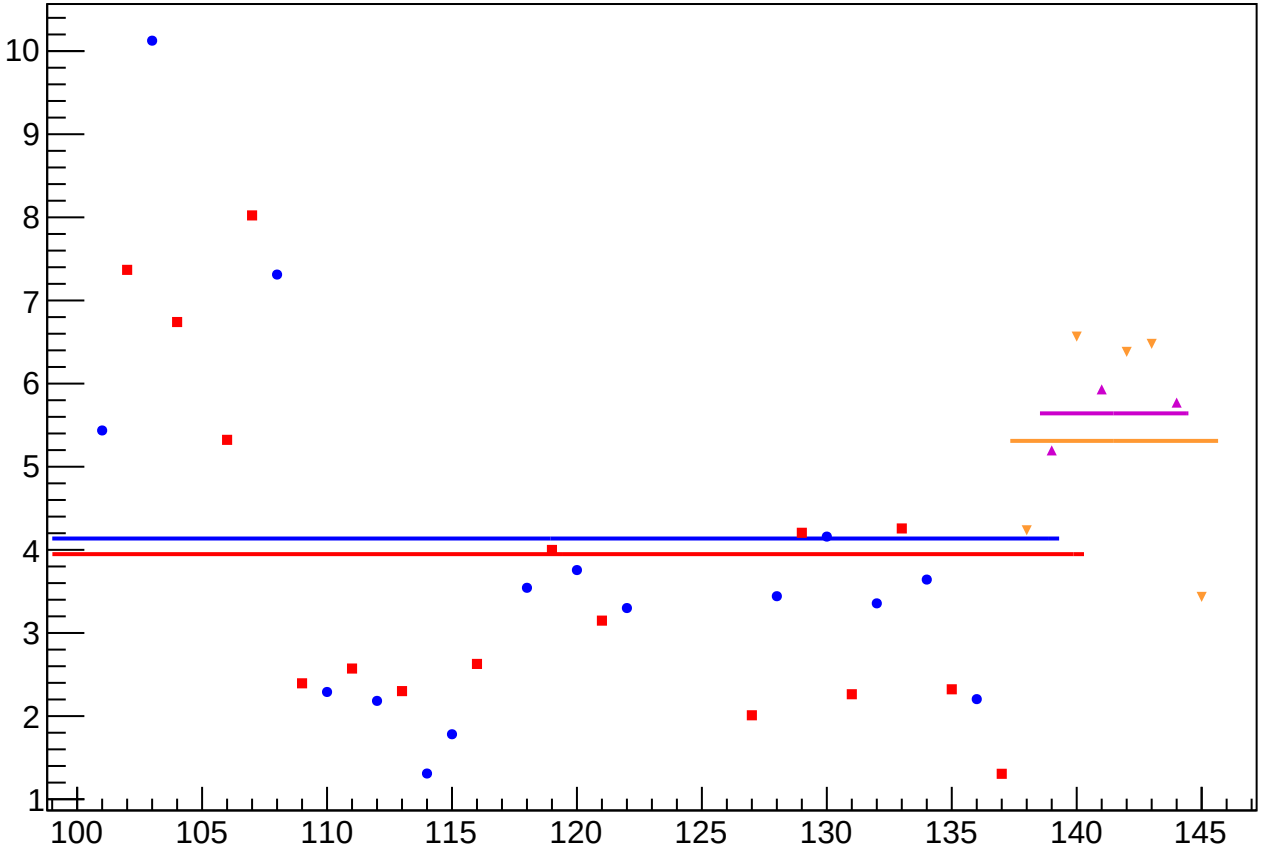
All: 3.853+/-0.000 χ^2/NDF: 6495357535268 5

Right Out: 4.206+/-0.000 χ^2/NDF: 2096427813341454573332265183477760.0/15

- sign 4.219+/-0.000 χ^2/NDF: 2155687733720358 1

Left In: 4.254+/-0.000 χ^2/NDF:5882730164861603304210866110464 0.0/2

dit_4eX_coil4_err_mean vs Slug



Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

+ sign 4.549+/-0.000 χ^2/NDF: 4459844224665495

Left Out: 5.311+/-0.000 χ^2/NDF:6380174152785284337018465995980 80.0/4

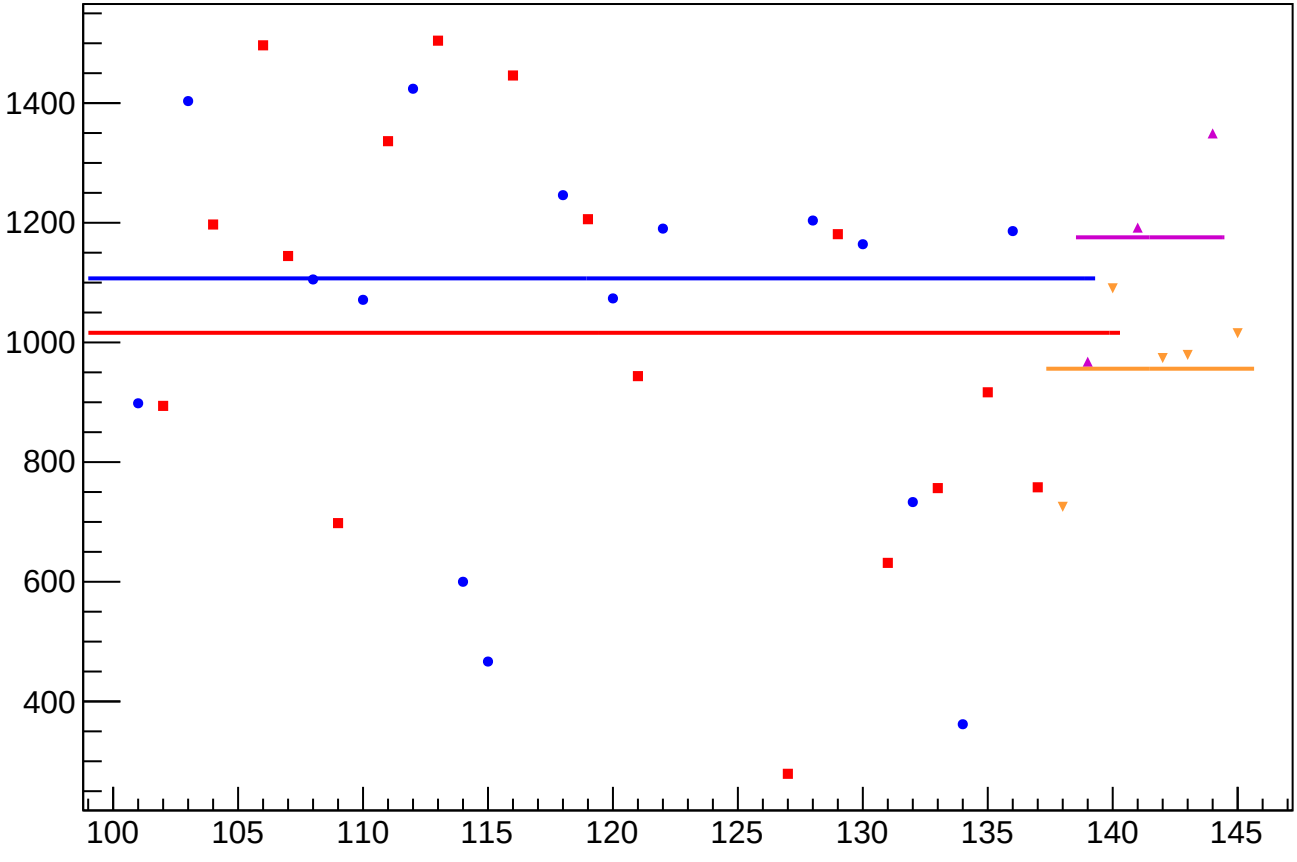
All: 4.485+/-0.000 χ^2/NDF: 7692074453600

Right Out: 3.948+/-0.000 χ^2/NDF: 2670176783942302028345551100051456.0/15

- sign 4.417+/-0.000 χ^2/NDF: 32238894020316534

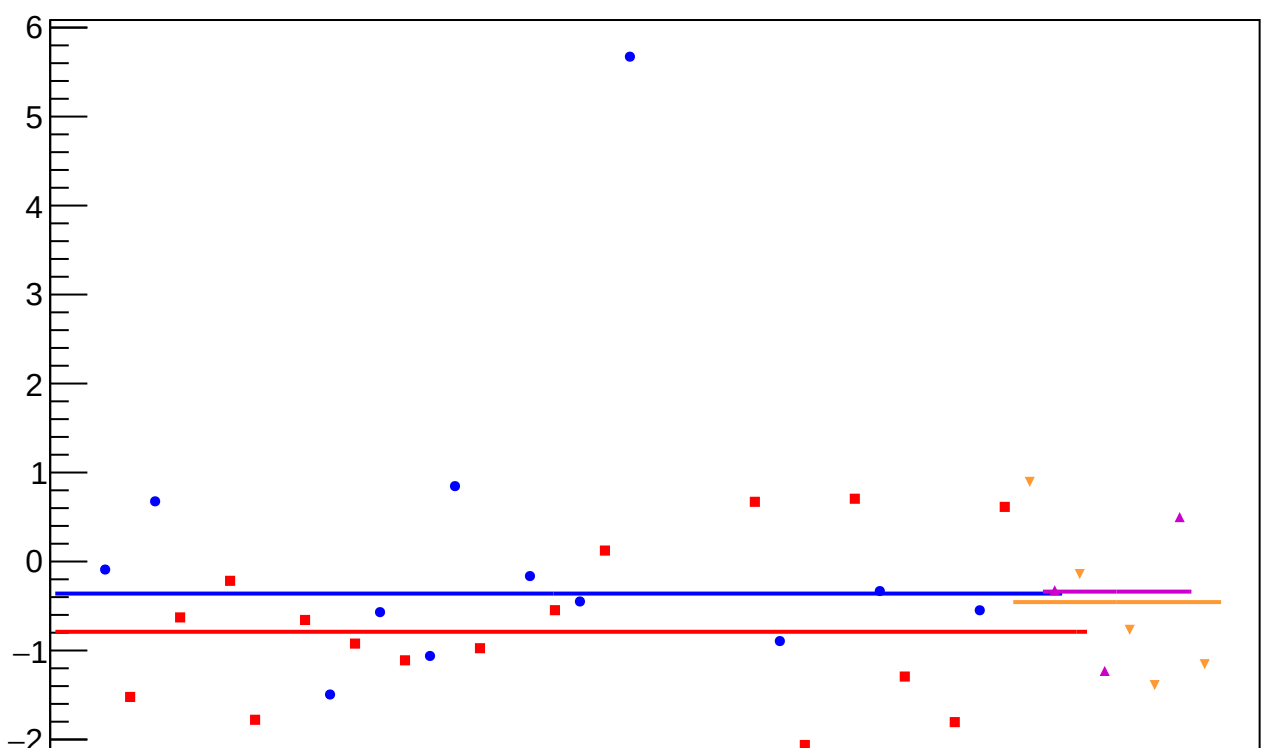
Left In: 5.642+/-0.000 χ^2/NDF:2465168909919843305928967533 3632.0/2

dit_4eX_coil4_Ndata_mean vs Slug



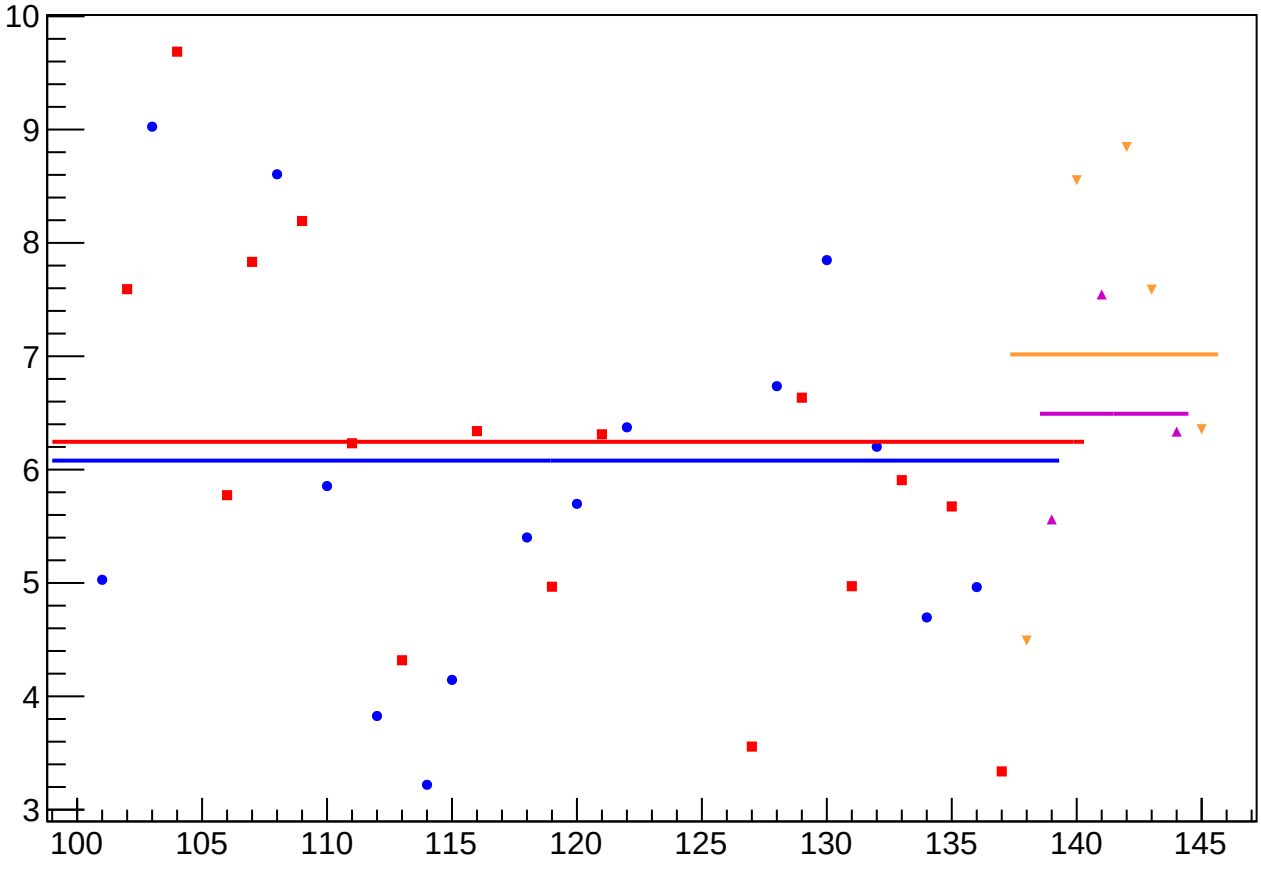
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_11X12X_coil4_mean vs Slug



Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2,0/14
+ sign -0.394+/-0.000 χ^2/NDF: 2433600716115829
Left Out: -0.456+/-0.000 χ^2/NDF:2512522669029397124530929171169 28.0/4
All: -0.524+/-0.000 χ^2/NDF: 3099453275466
Right Out: -0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15
- sign -0.665+/-0.000 χ^2/NDF: 6306531528156186 5
Left In: -0.338+/-0.000 χ^2/NDF:1299910664900296236219244572835 84.0/2

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14

+ sign 6.408+/-0.000 χ^2/NDF: 2690548556728151 7

Left Out: 7.016+/-0.000 χ^2/NDF:900264118601626332465140133265408.0/4

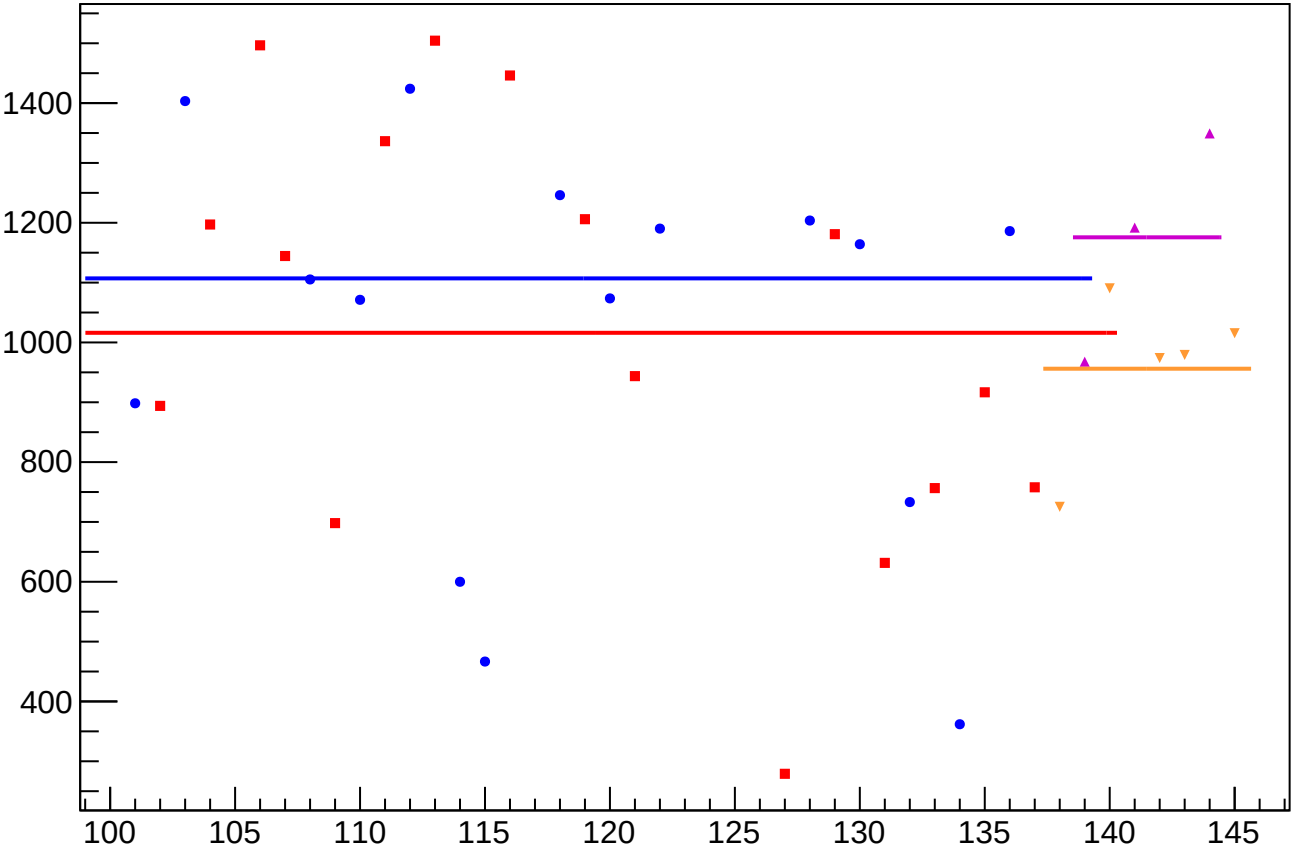
All: 6.363+/-0.000 χ^2/NDF: 4689345010901 4

Right Out: 6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

- sign 6.314+/-0.000 χ^2/NDF: 19945113673754268

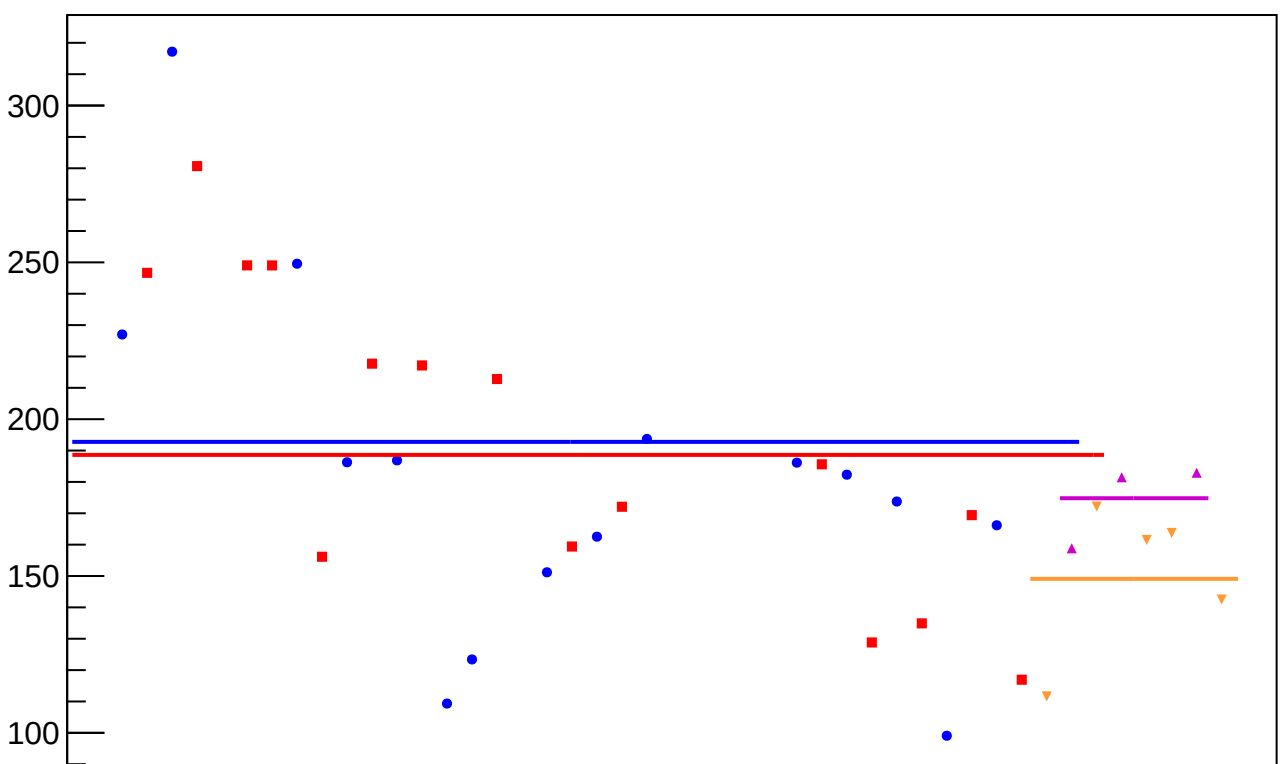
Left In: 6.493+/-0.000 χ^2/NDF:1666939400842536238983131231682 56.0/2

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

+ sign 177.443+/-0.000 χ^2/NDF: 22529511762701

Left Out: 149.102+/-0.000 χ^2/NDF:17796899993847998066360253948100608 0.0/4

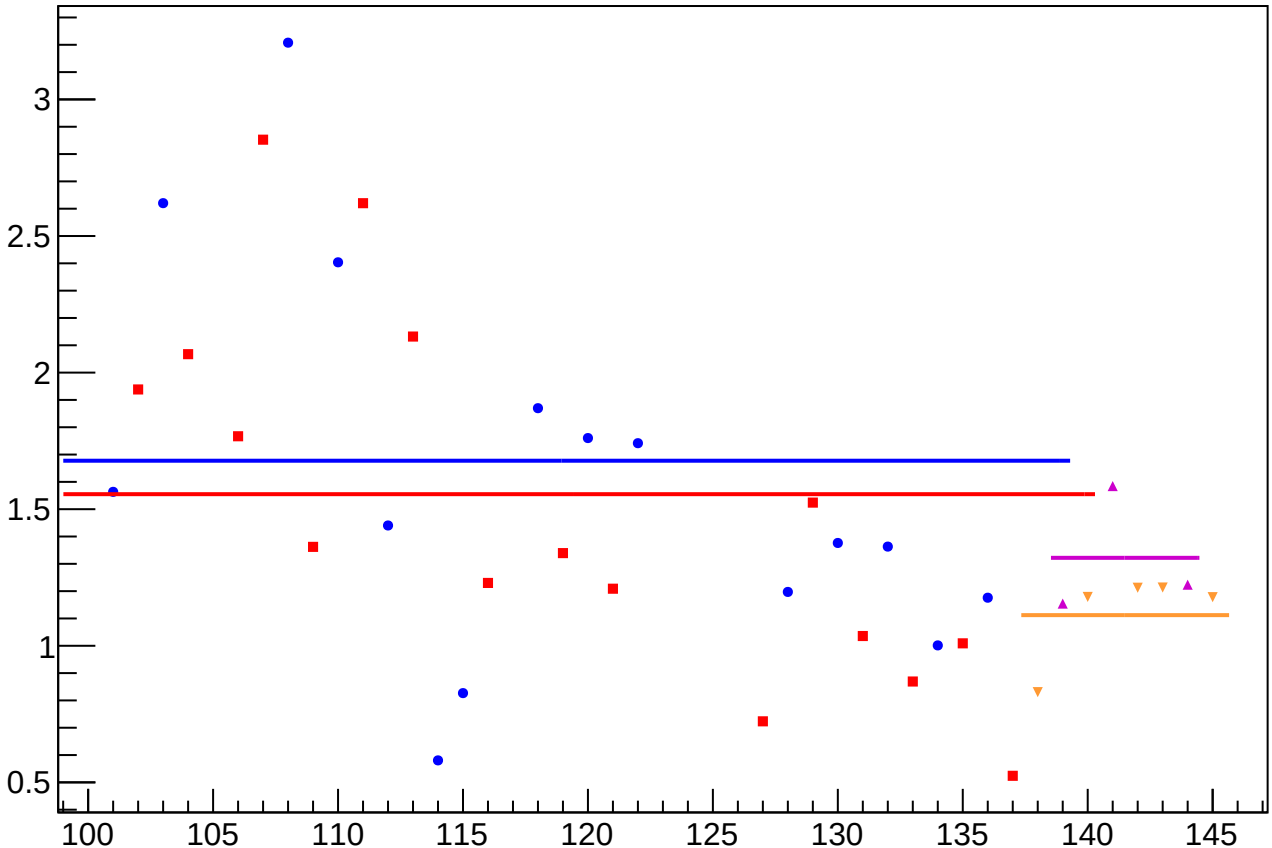
All: 180.969+/-0.000 χ^2/NDF: 42667004702

Right Out: 188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

- sign 184.792+/-0.000 χ^2/NDF: 198783972832802

Left In: 174.802+/-0.000 χ^2/NDF:30317309200420064235050356717912064.0/2

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

+ sign 1.479+/-0.000 χ^2/NDF: 3227157847914085 7

Left Out: 1.112+/-0.000 χ^2/NDF:8048620931337354865902970994688.0/4

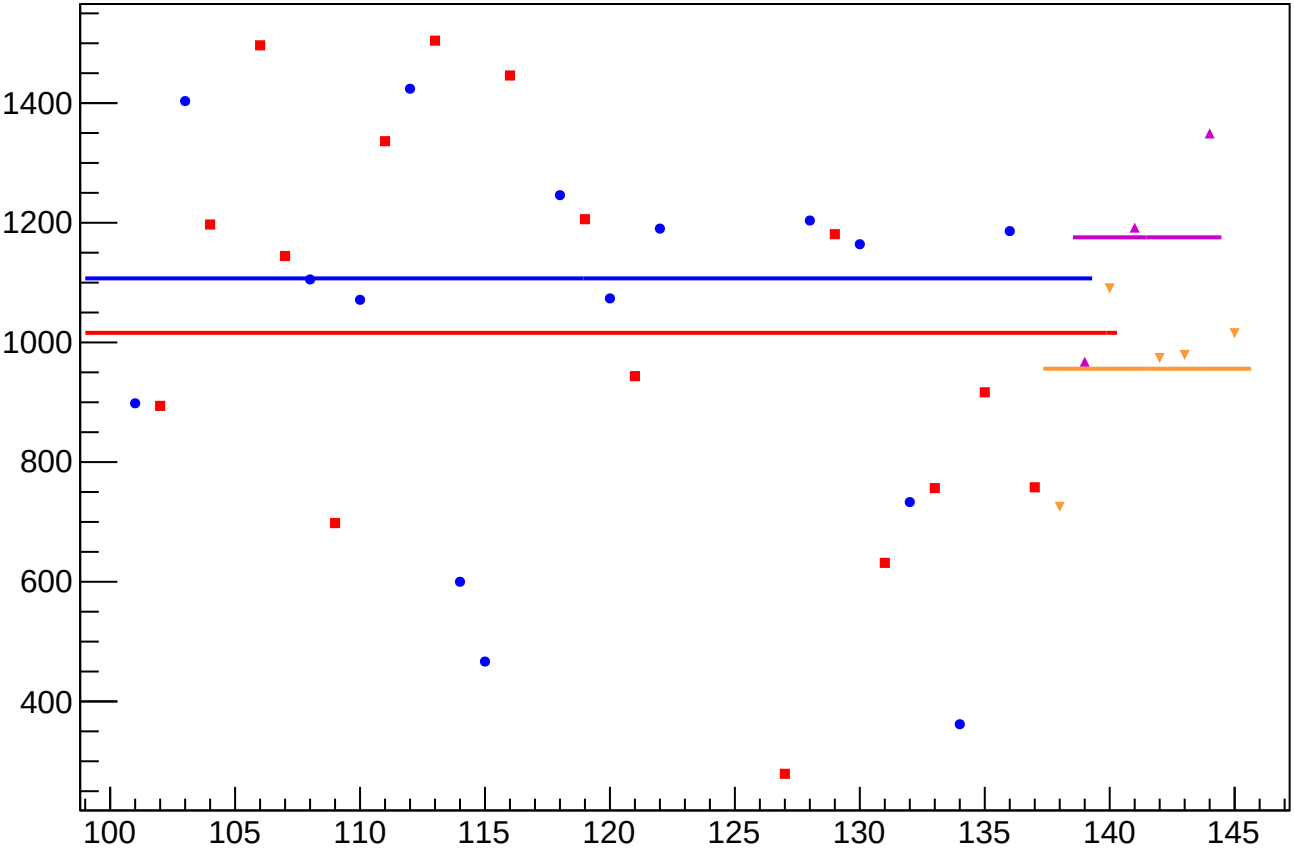
All: 1.485+/-0.000 χ^2/NDF: 5974364145687 2

Right Out: 1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

- sign 1.491+/-0.000 χ^2/NDF: 2746571958320941 9

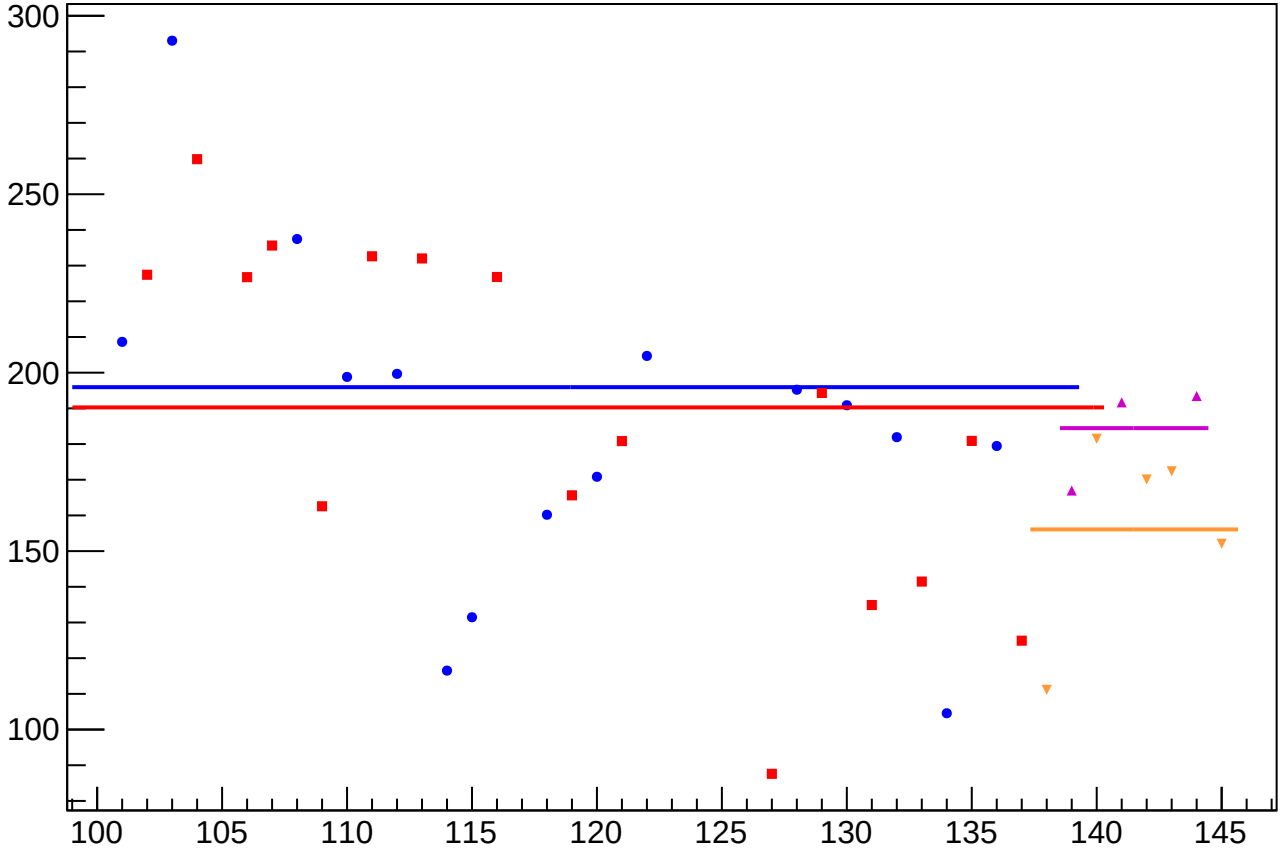
Left In: 1.322+/-0.000 χ^2/NDF:8996455865119985815829828599808.0/2

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Left Out: 156.080+/-0.000 χ^2/NDF:2385793529990656634252936528338616 32.0/4

Right Out: 190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

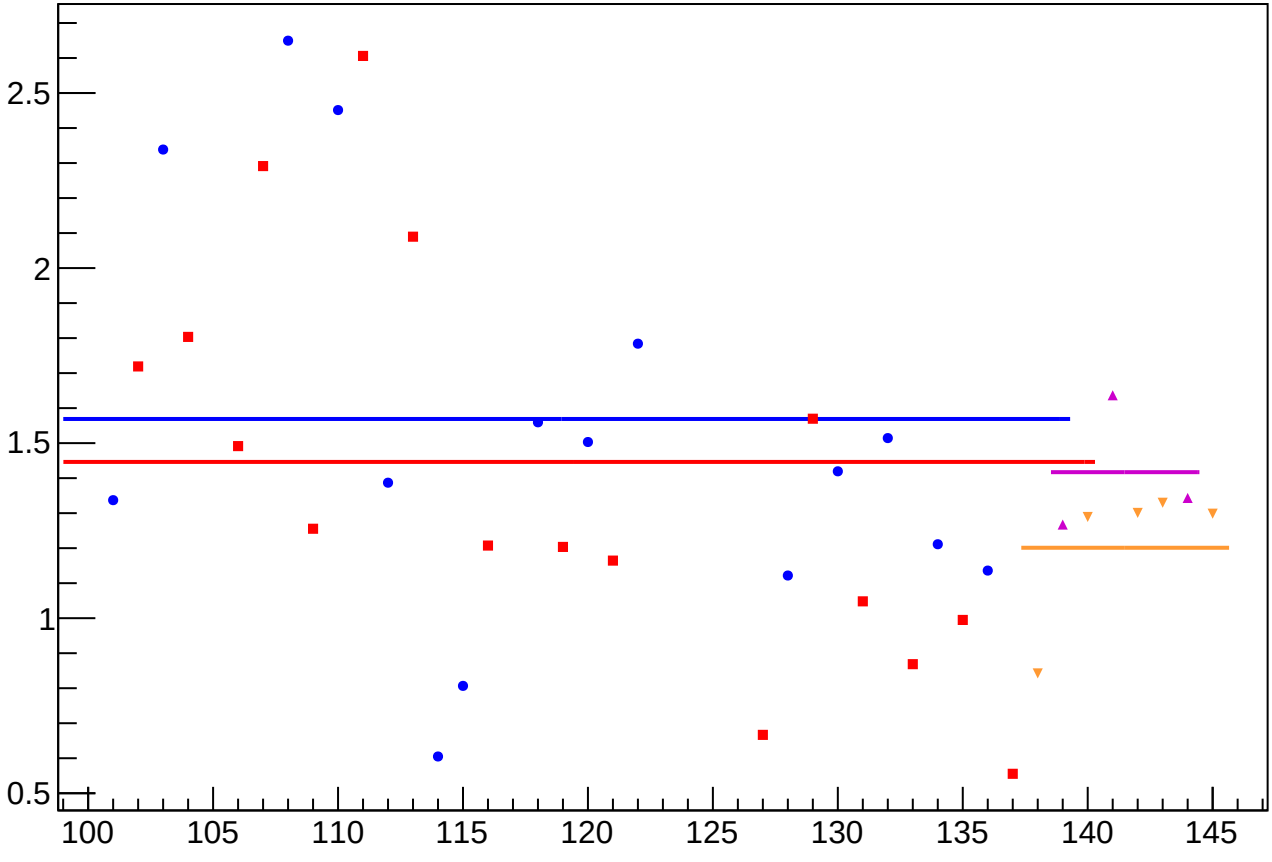
Left In: 184.460+/-0.000 χ^2/NDF:3640686994859993068859305735330201 6.0/2

+ sign 181.950+/-0.000 χ^2/NDF: 16583996392046 1

All: 185.169+/-0.000 χ^2/NDF: 319111257853

- sign 188.661+/-0.000 χ^2/NDF: 151110240669675

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Left Out: 1.201+/-0.000 χ^2/NDF:1298286492979378805938258024857 6.0/4

Right Out: 1.446+/-0.000 χ^2/NDF: 19629665391752335244327105278771 2.0/15

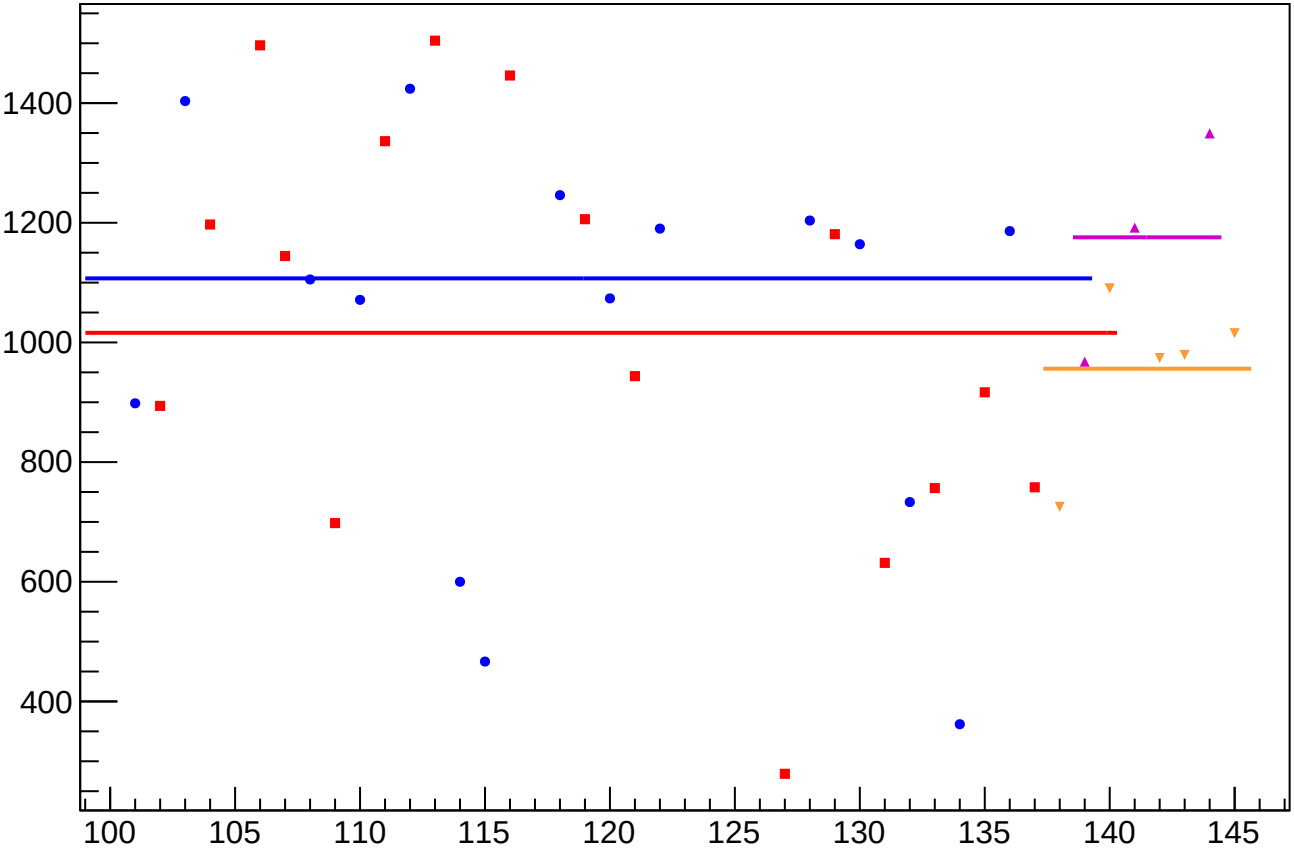
Left In: 1.417+/-0.000 χ^2/NDF:6395662009893452105327765880832.0/2

+ sign 1.440+/-0.000 χ^2/NDF: 2066537354464358 3

All: 1.439+/-0.000 χ^2/NDF: 4095053896090 9

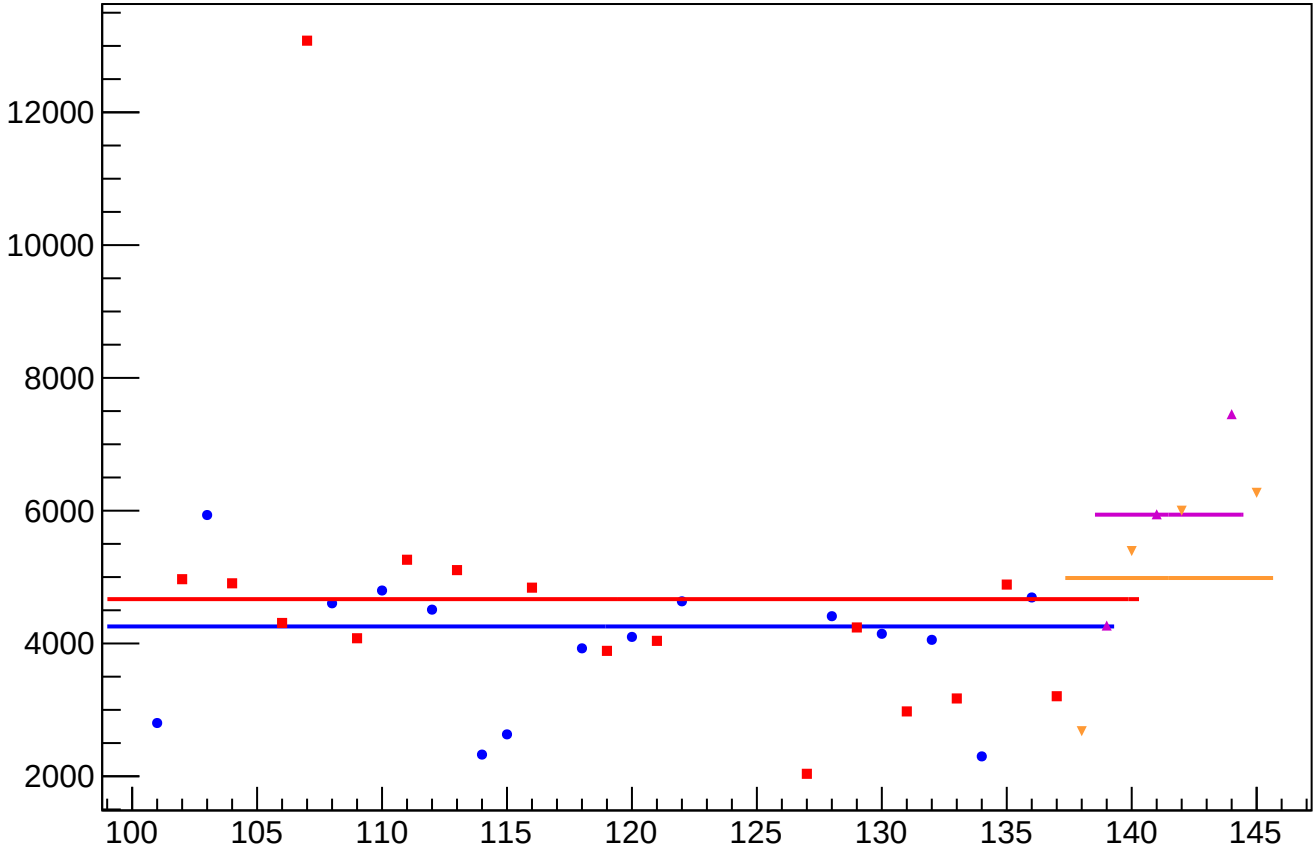
- sign 1.438+/-0.000 χ^2/NDF: 20285034131362307

dit_4eY_coil4_Ndata_mean vs Slug



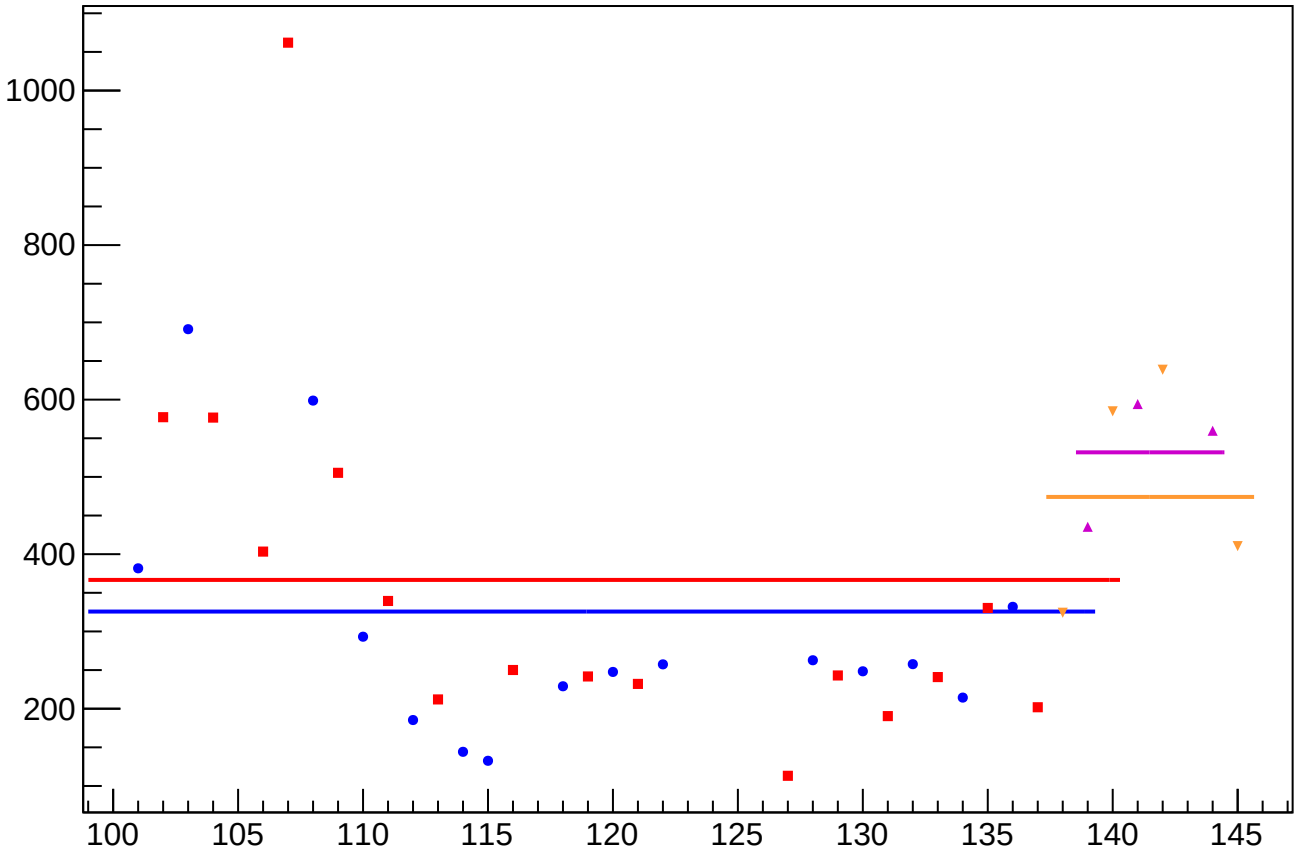
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_usl_coil4_mean vs Slug



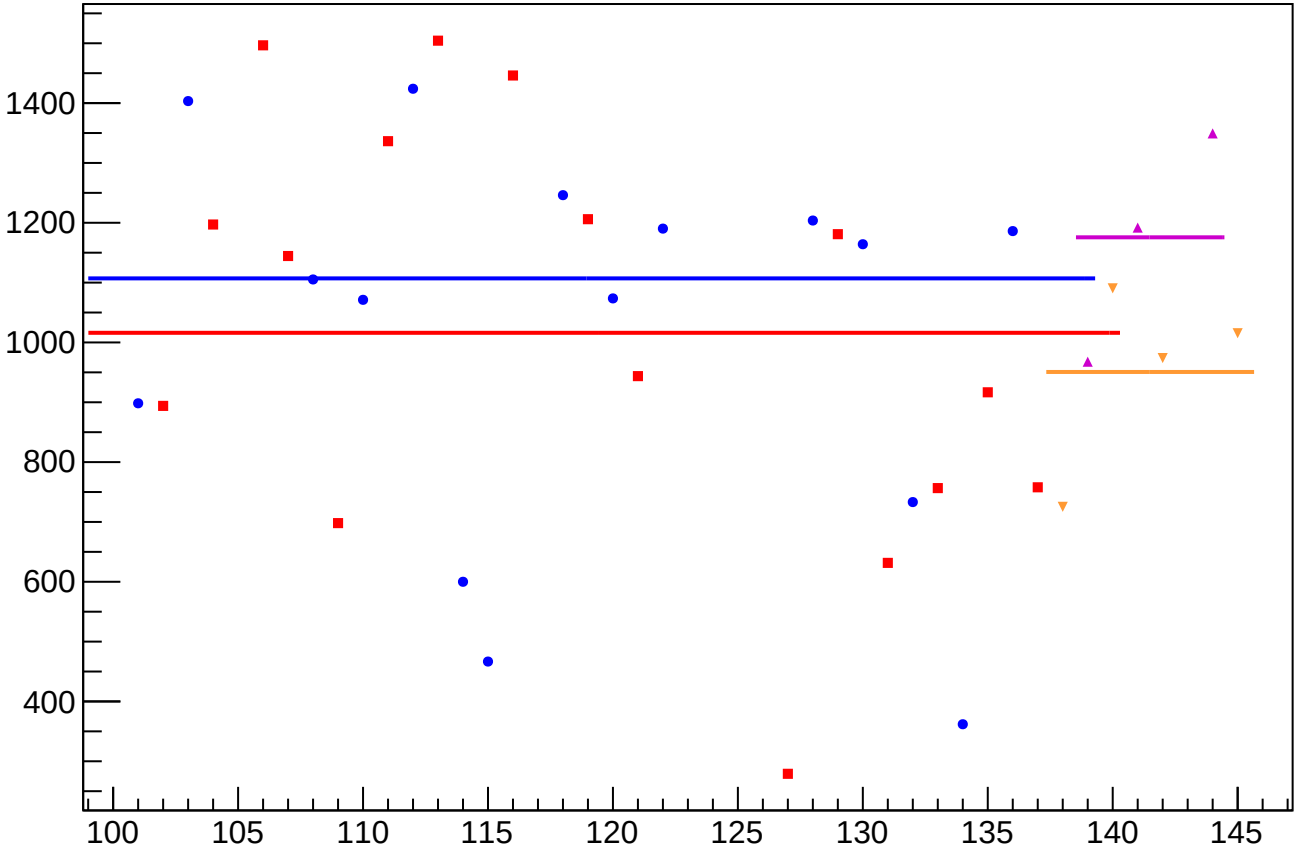
Right In: 4256.386+/-0.000 χ^2/NDF: 49860541255162485967245495415957618688 0.0/14
+ sign 4478.481+/-0.000 χ^2/NDF: 1208278963596 9
Left Out: 4986.012+/-0.000 χ^2/NDF:604505922012543791951697476517153996800.0/3
All: 4747.468+/-0.000 χ^2/NDF: 5274431396 6
Right Out: 4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15
- sign 5019.664+/-0.000 χ^2/NDF: 39303341138550
Left Out: 5939.948+/-0.000 χ^2/NDF:4298778069164697745142077276275888861952.0/2

dit_usl_coil4_err_mean vs Slug



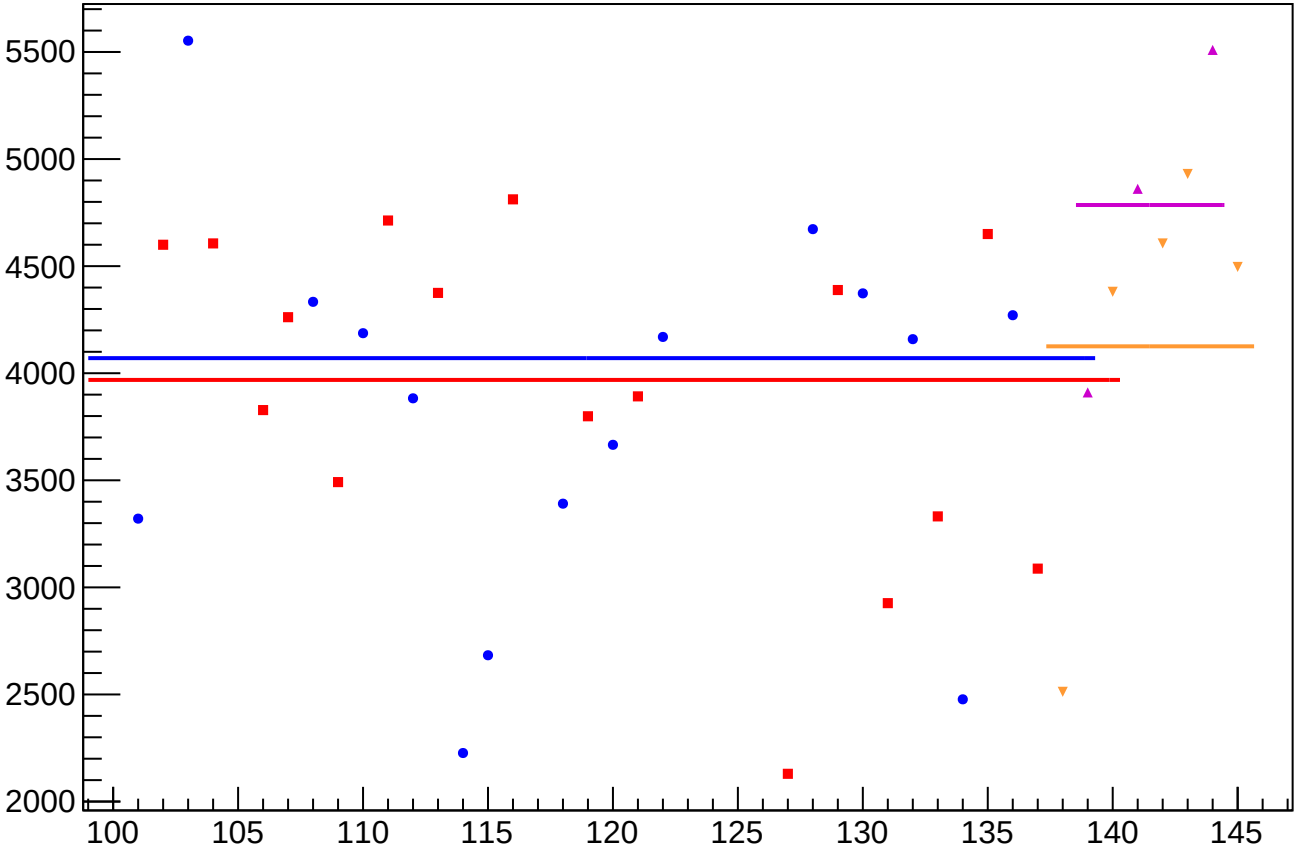
Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14
+ sign 370.889+/-0.000 χ^2/NDF: 23302667365148
Left Out: 474.082+/-0.000 χ^2/NDF:432162566828872316253338357714649088 0.0/3
All: 391.495+/-0.000 χ^2/NDF: 62379591708
Right Out: 366.682+/-0.000 χ^2/NDF: 320972506999479564091174401153989345 28.0/15
- sign 412.348+/-0.000 χ^2/NDF: 382798417215471
Left In: 531.794+/-0.000 χ^2/NDF:115347867939082050337627951164764979 2.0/2

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1059.448+/-0.000 χ^2/NDF: 51381344194137
Left Out: 950.662+/-0.000 χ^2/NDF:591579344558962913744652420675692 1344.0/3
All: 1059.843+/-0.000 χ^2/NDF: 1348536832 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501 71136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 83472046824869
Left In: 1175.686+/-0.000 χ^2/NDF:620661977160900387929263860674776 2688.0/2

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

+ sign 4089.791+/-0.000 χ^2/NDF: 6170147674951 0

Left Out: 4125.565+/-0.000 χ^2/NDF:2730407581993990637656045758282360422 40.0/4

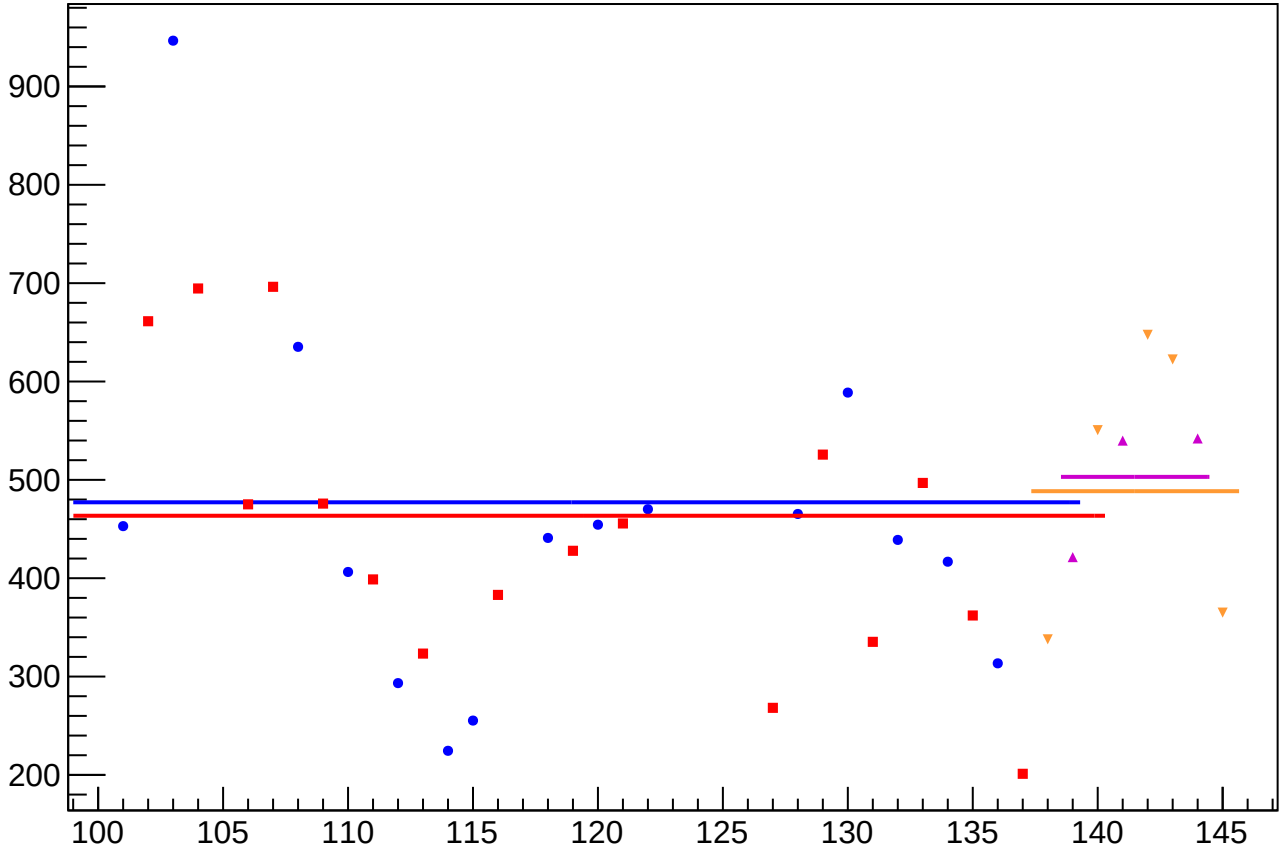
All: 4140.077+/-0.000 χ^2/NDF: 1214499101 5

Right Out: 3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

- sign 4194.618+/-0.000 χ^2/NDF: 5922129812537 6

Left In: 4785.489+/-0.000 χ^2/NDF:1091931740569315006980194400442819543 04.0/2

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 488.480+/-0.000 χ^2/NDF:5639916895316832606280861386497064960.0/4

Right Out: 463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

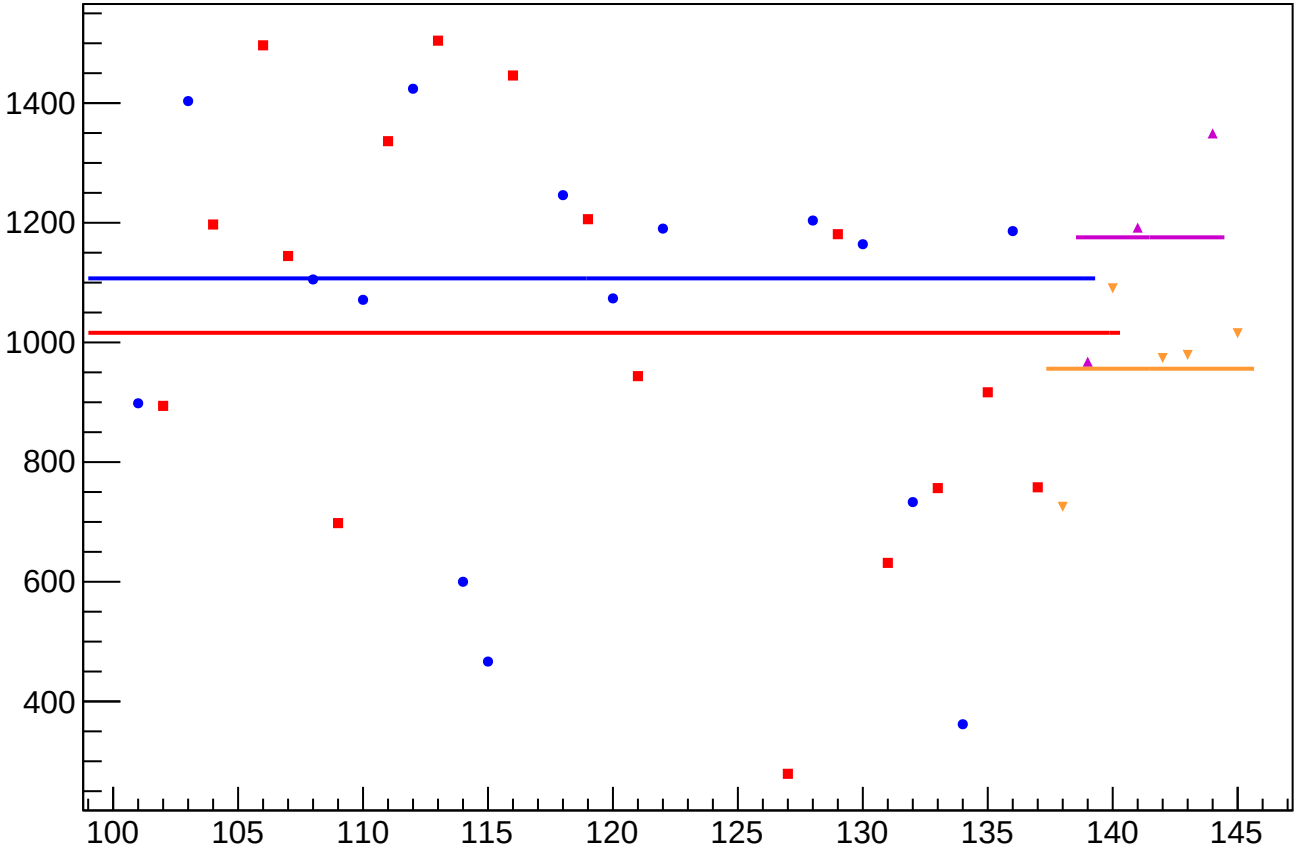
Left In: 503.048+/-0.000 χ^2/NDF:7907742094133944006072872881115627 52.0/2

+ sign 481.150+/-0.000 χ^2/NDF: 261246917900657

All: 477.935+/-0.000 χ^2/NDF: 39782144459

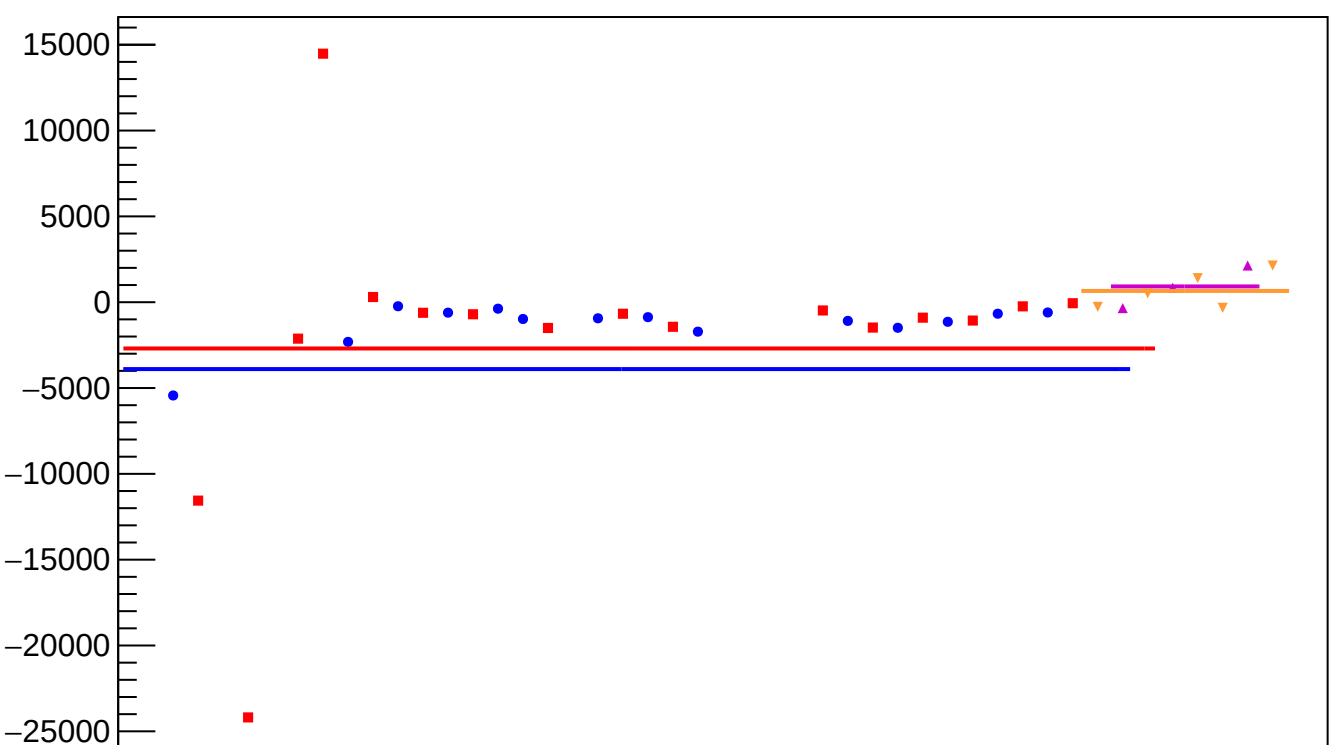
- sign 474.447+/-0.000 χ^2/NDF: 136358961889255

dit_usr_coil4_Ndata_mean vs Slug



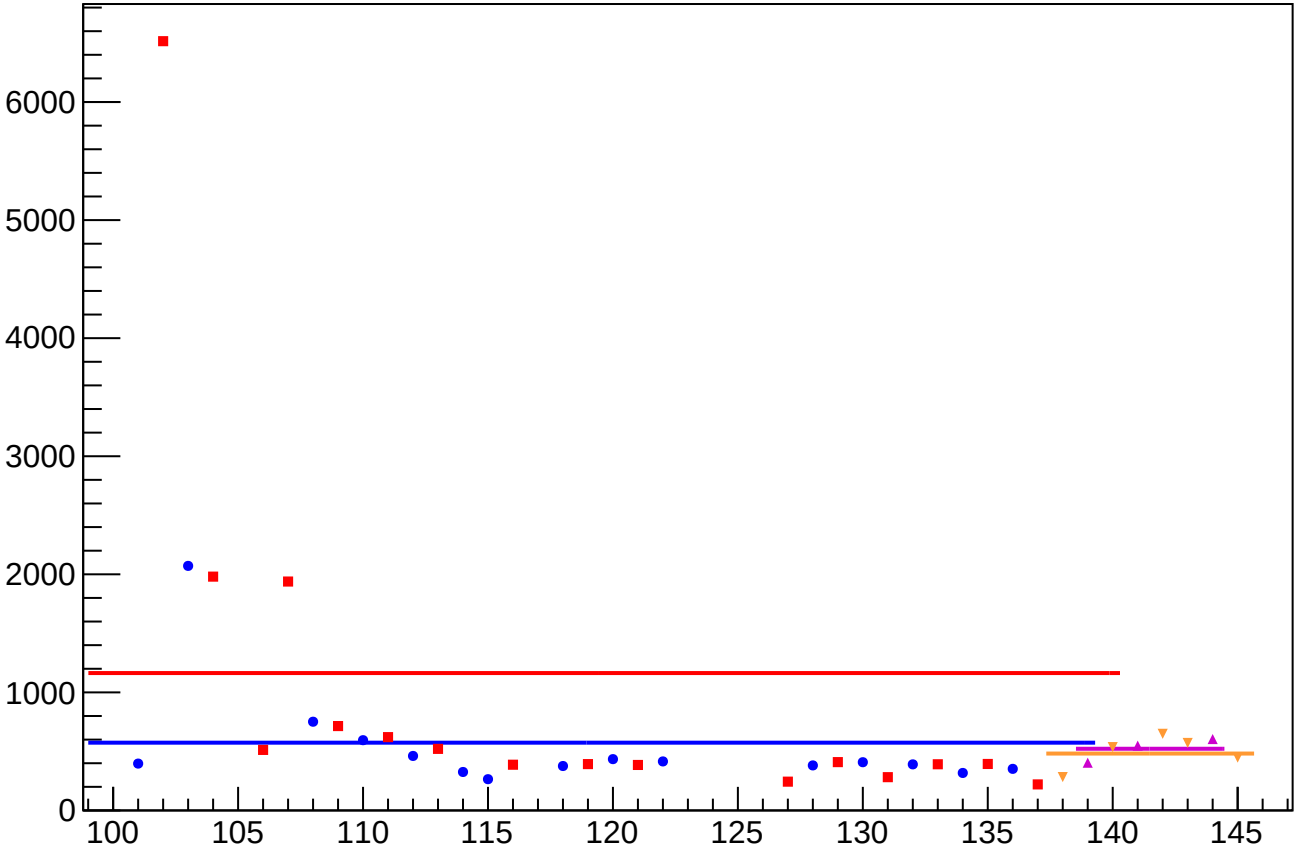
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_atl1_coil4_mean vs Slug



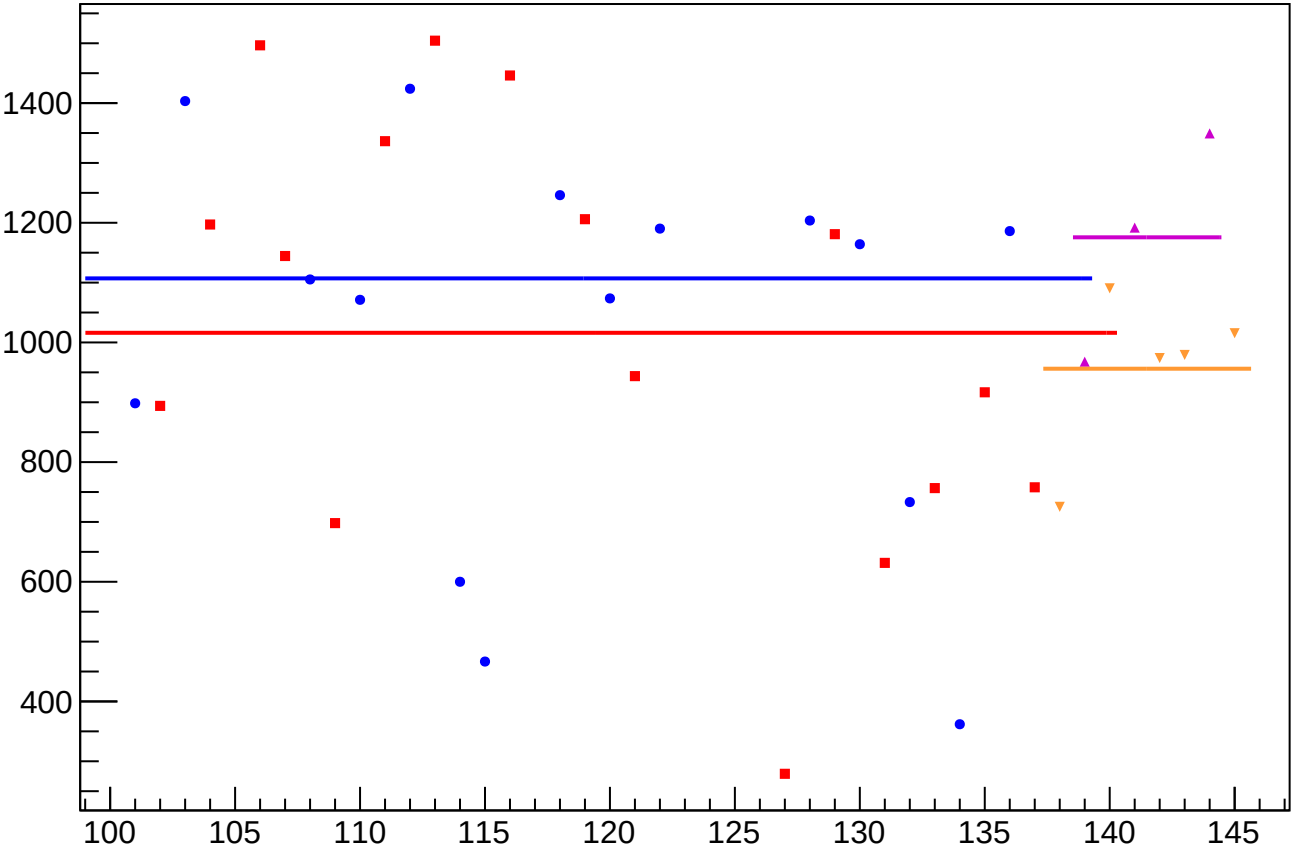
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
+ sign -2298.471+/-0.000 χ^2/NDF: 4467042545416
Left Out: 656.331+/-0.000 χ^2/NDF:329902843939908083559443280360017756160.0/4
All: -2009.539+/-0.000 χ^2/NDF: 8833956000
Right Out: -2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
- sign -1696.165+/-0.000 χ^2/NDF: 43495109427482
Left In: 919.070+/-0.000 χ^2/NDF:261816880347700428415294404360457420800.0/2

dit_atl1_coil4_err_mean vs Slug



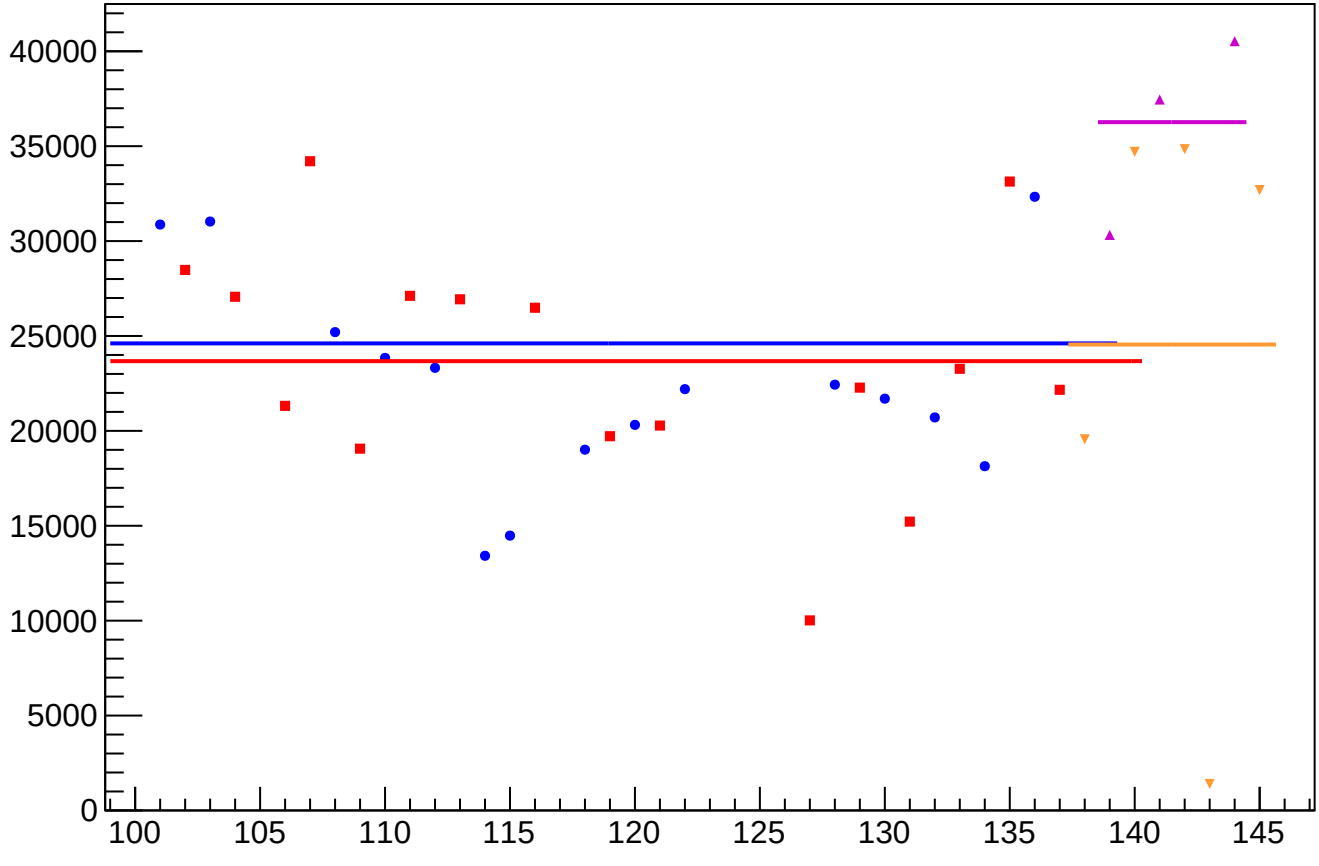
Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14
+ sign 541.706+/-0.000 χ^2/NDF: 159298328447440
Left Out: 481.893+/-0.000 χ^2/NDF:525818994069855763850790825249839513 6.0/4
All: 755.016+/-0.000 χ^2/NDF: 23349692249 6
Right Out: 1163.697+/-0.000 χ^2/NDF: 200319439647546533719015478751518313 6768.0/15
- sign 986.371+/-0.000 χ^2/NDF: 208081956161978
Left In: 522.544+/-0.000 χ^2/NDF:179226816251953549874125827338770841 6.0/2

dit_atl1_coil4_Ndata_mean vs Slug



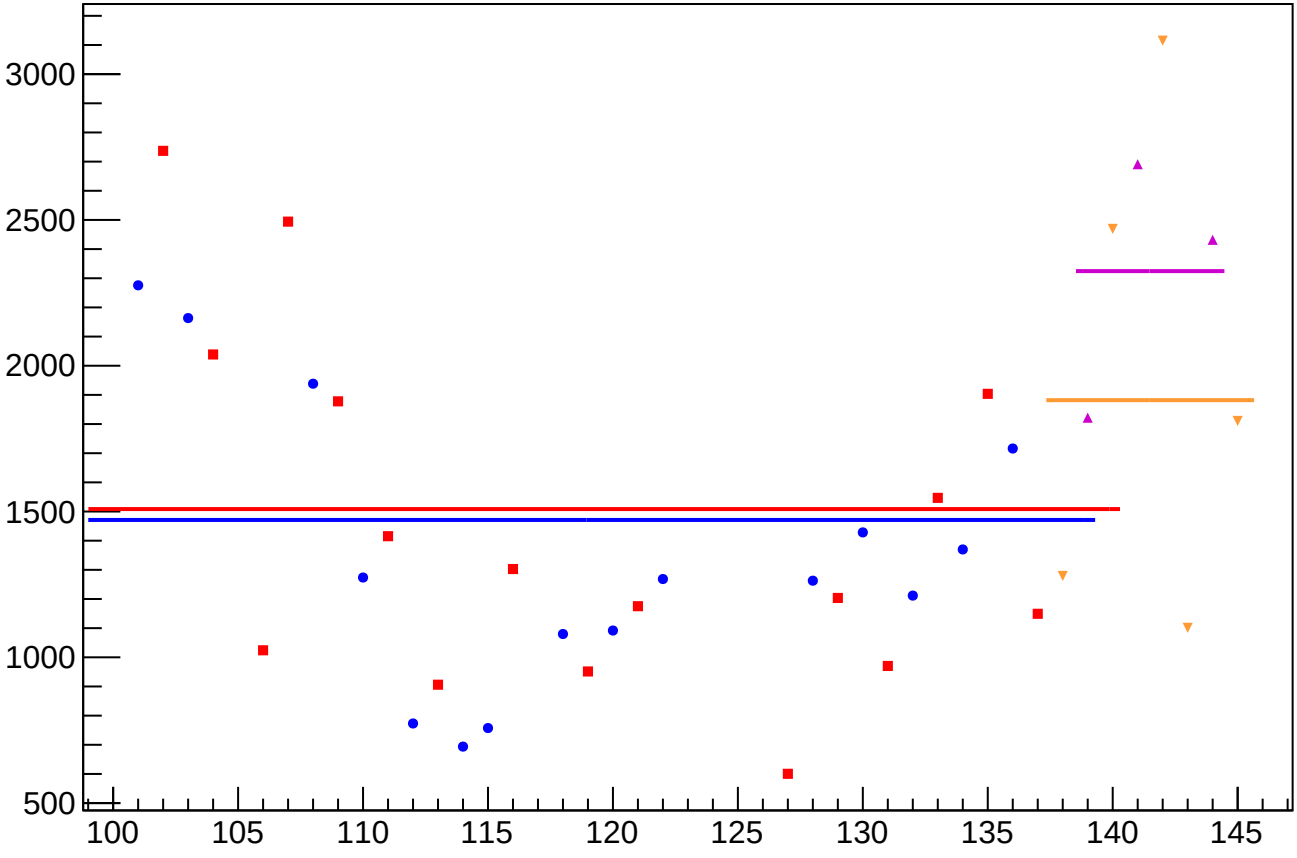
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14
+ sign 24587.948+/-0.000 χ^2/NDF: 7390708337518
Left Out: 24549.464+/-0.000 χ^2/NDF:5635068199298371533882379909254425975193 6.0/4
All: 25820.141+/-0.000 χ^2/NDF: 1357469086
Right Out: 23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15
- sign 27156.577+/-0.000 χ^2/NDF: 5867477580683
Left In: 36266.072+/-0.000 χ^2/NDF:4600009610487101673904058810430033756160.0/2

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF: 13917497942046784107389416795645201612 8.0/14

+ sign 1615.301+/-0.000 χ^2/NDF: 3454199349041 9

Left Out: 1881.939+/-0.000 χ^2/NDF:16779398701993394385307788213856344473 6.0/4

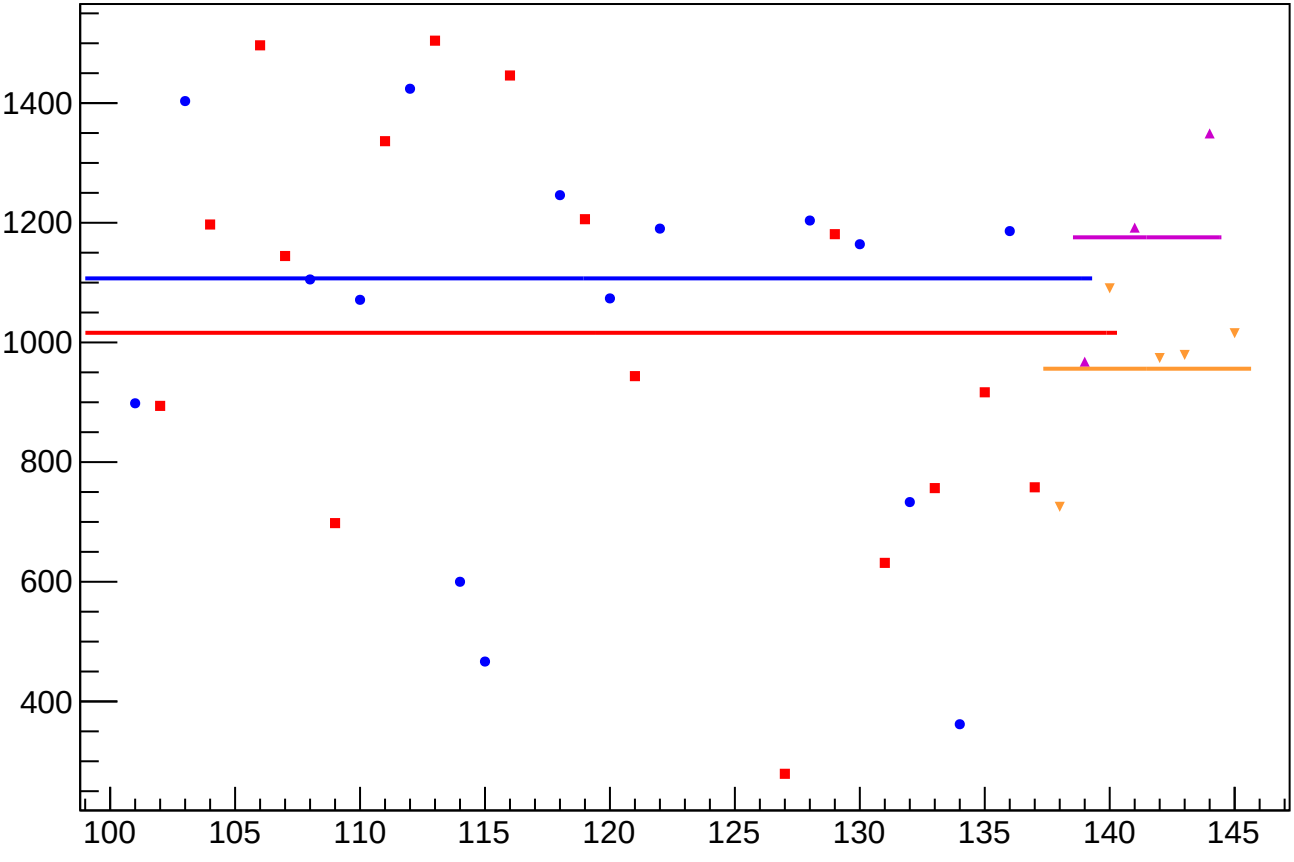
All: 1672.316+/-0.000 χ^2/NDF: 7580549642 5

Right Out: 1508.451+/-0.000 χ^2/NDF: 25008516377042505060576344698571561369 6.0/15

- sign 1734.154+/-0.000 χ^2/NDF: 40585861331596

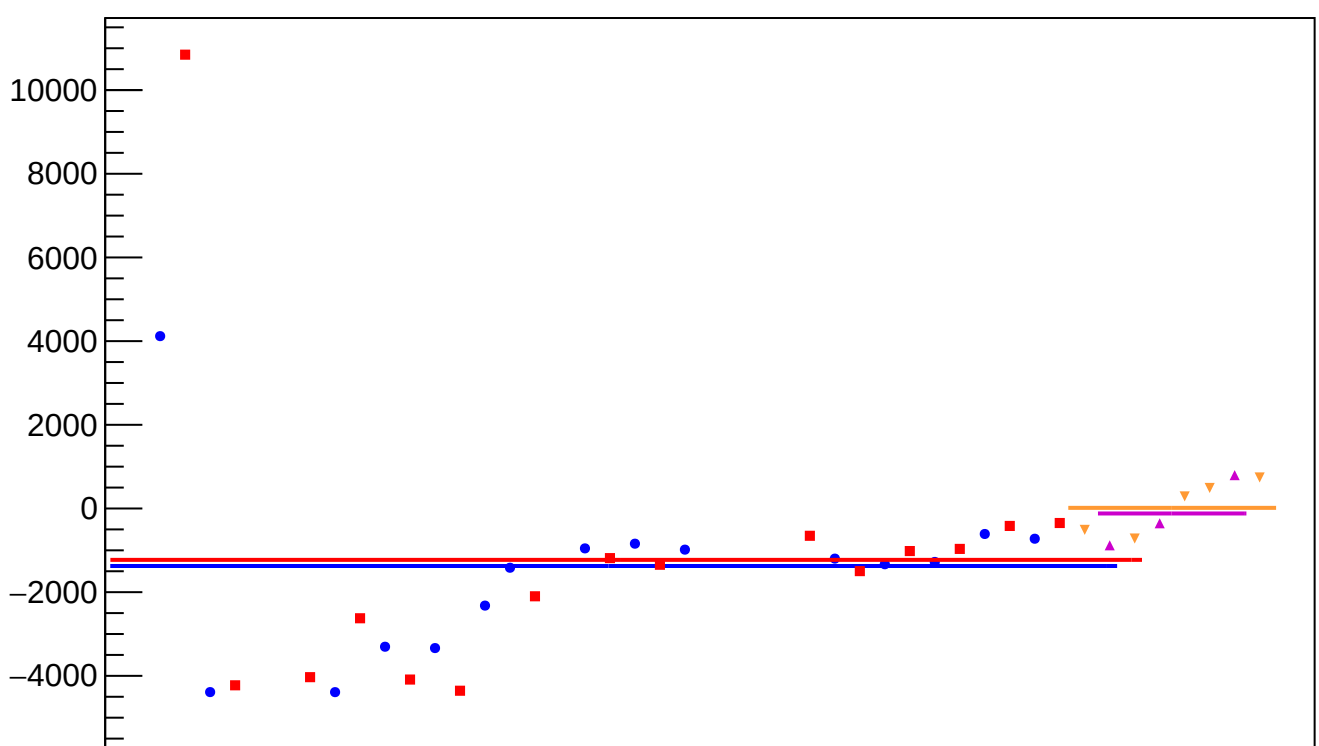
Left In: 2324.525+/-0.000 χ^2/NDF:32917930173579015687841351654812155904.0/2

dit_atl2_coil4_Ndata_mean vs Slug



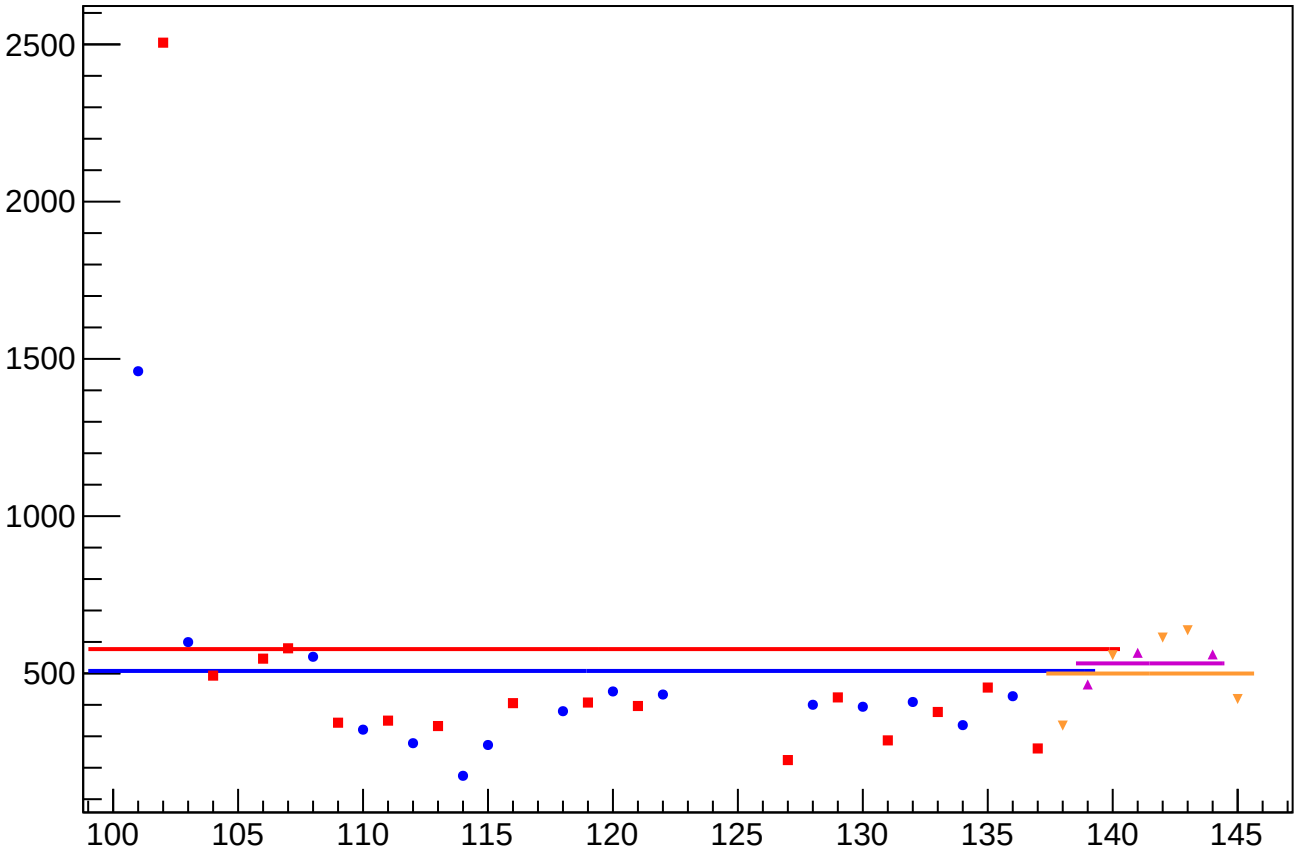
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
+ sign -886.727+/-0.000 χ^2/NDF: 36381573490289
Left Out: 15.185+/-0.000 χ^2/NDF:1254445470713329987451927015593082880000.0/4
All: -903.294+/-0.000 χ^2/NDF: 15107009204
Right Out: -1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15
- sign -921.263+/-0.000 χ^2/NDF: 114682797079876
Left In: -119.249+/-0.000 χ^2/NDF:1262371329551366769756782963149934428 16.0/2

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14
+ sign 504.923+/-0.000 χ^2/NDF: 68952858583189 5
Left Out: 499.586+/-0.000 χ^2/NDF:479752850015881598962132507909160960 0.0/4
All: 533.588+/-0.000 χ^2/NDF: 31286846667 7
Right Out: 577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15
- sign 564.678+/-0.000 χ^2/NDF: 242202707256120
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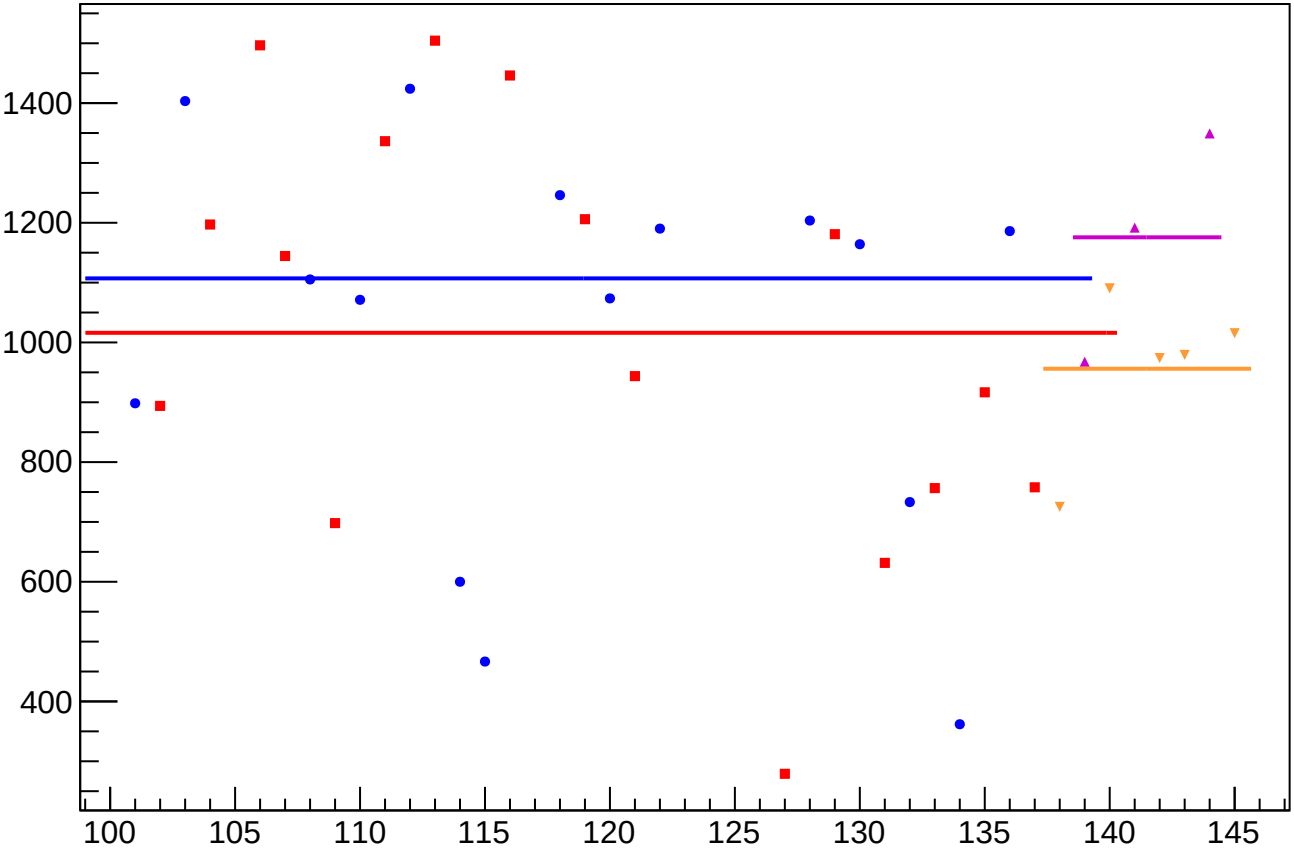
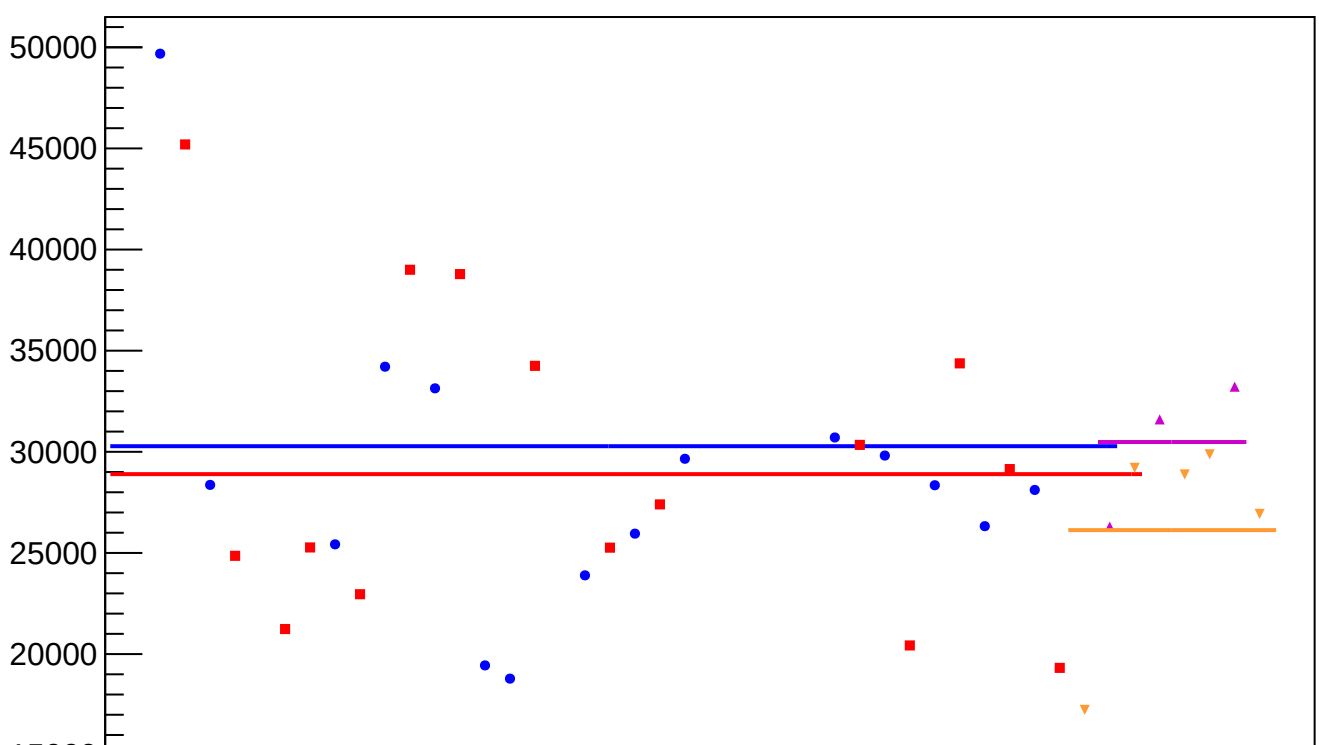
dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

+ sign 28821.124+/-0.000 χ^2/NDF: 4317835811391

Left Out: 26128.006+/-0.000 χ^2/NDF:827978969168463556588218020953474046361 6.0/4

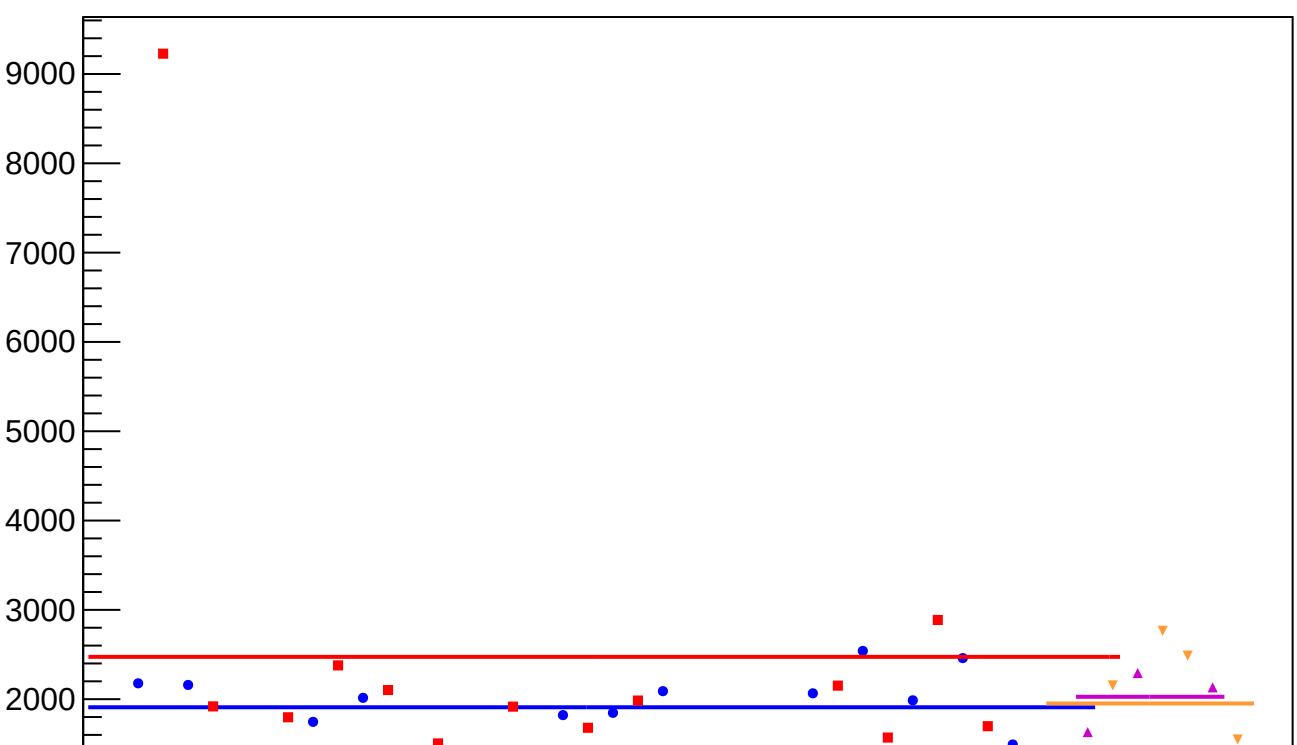
All: 29067.829+/-0.000 χ^2/NDF: 929286437 6

Right Out: 28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

- sign 29335.405+/-0.000 χ^2/NDF: 4962341022070

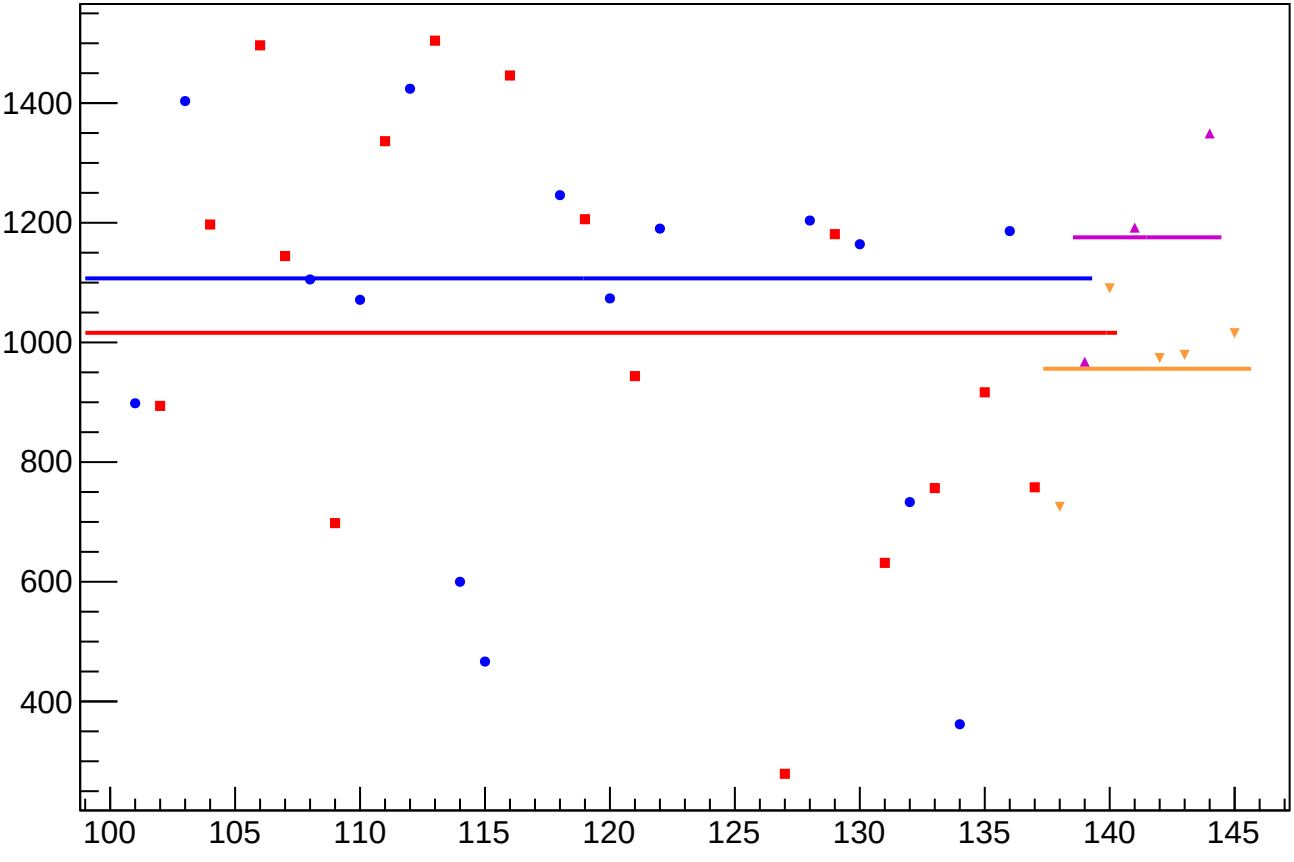
Left In: 30483.917+/-0.000 χ^2/NDF:218894512064516753870494224317647369 0112.0/2

dit_atr2_coil4_err_mean vs Slug



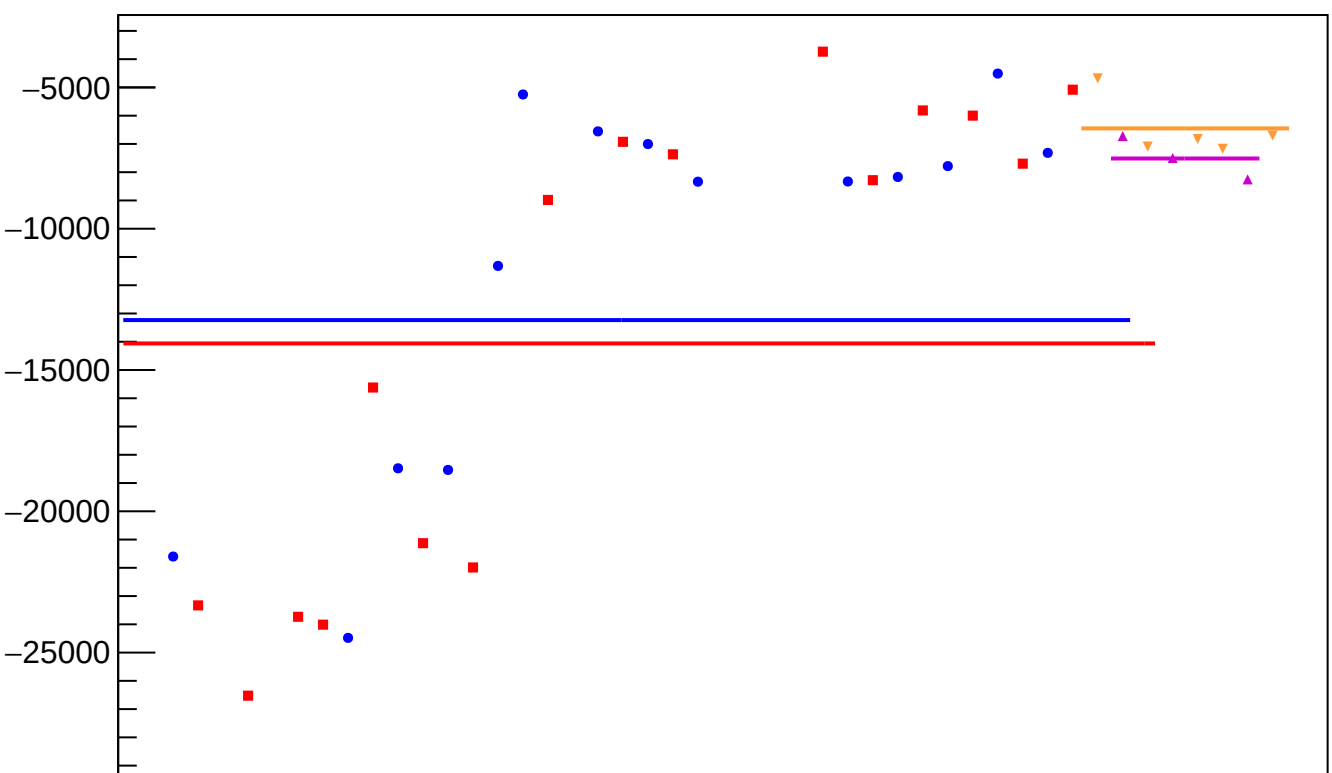
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
+ sign 1924.308+/-0.000 χ^2/NDF: 19750934693972
Left Out: 1951.811+/-0.000 χ^2/NDF:10946329468866166199452172416231617331 2.0/4
All: 2128.662+/-0.000 χ^2/NDF: 3375023192 5
Right Out: 2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
- sign 2350.304+/-0.000 χ^2/NDF: 30904597800360
Left In: 2026.815+/-0.000 χ^2/NDF:196654571354495701600159977984910950 40.0/2

dit_atr2_coil4_Ndata_mean vs Slug



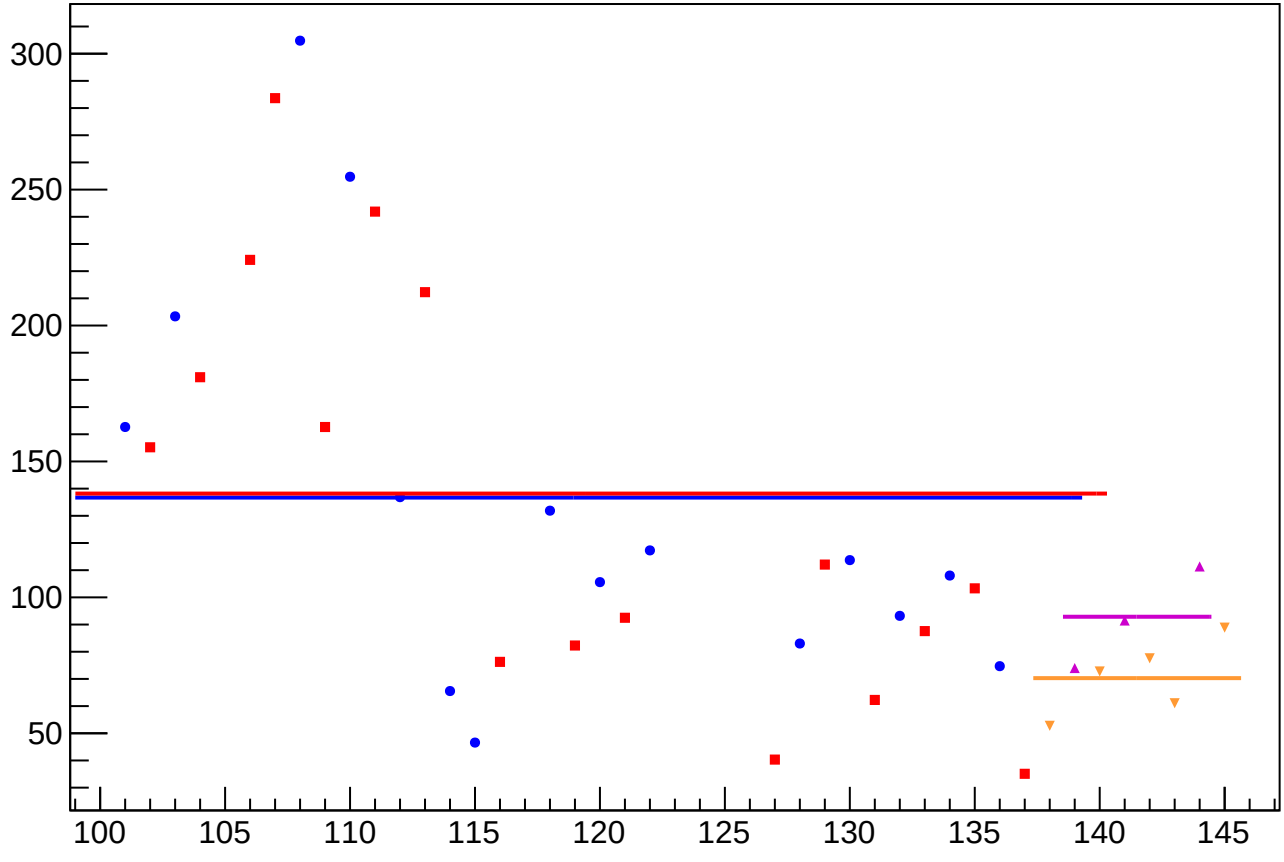
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14
+ sign -10852.502+/-0.000 χ^2/NDF: 520628583331
Left Out: -6450.277+/-0.000 χ^2/NDF:3247118895174125693084832377007295692 80.0/4
All: -11522.889+/-0.000 χ^2/NDF: 105491668
Right Out: -14060.103+/-0.000 χ^2/NDF: 4449059475428016176640555691571138684 5184.0/15
- sign -12249.990+/-0.000 χ^2/NDF: 5249195327461
Left In: -7515.300+/-0.000 χ^2/NDF:9951656691136601949855938434706282 9056.0/2

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

+ sign 113.396+/-0.000 χ^2/NDF: 37517015191098

Left Out: 70.287+/-0.000 χ^2/NDF:5955067804016421188588988151942348 8.0/4

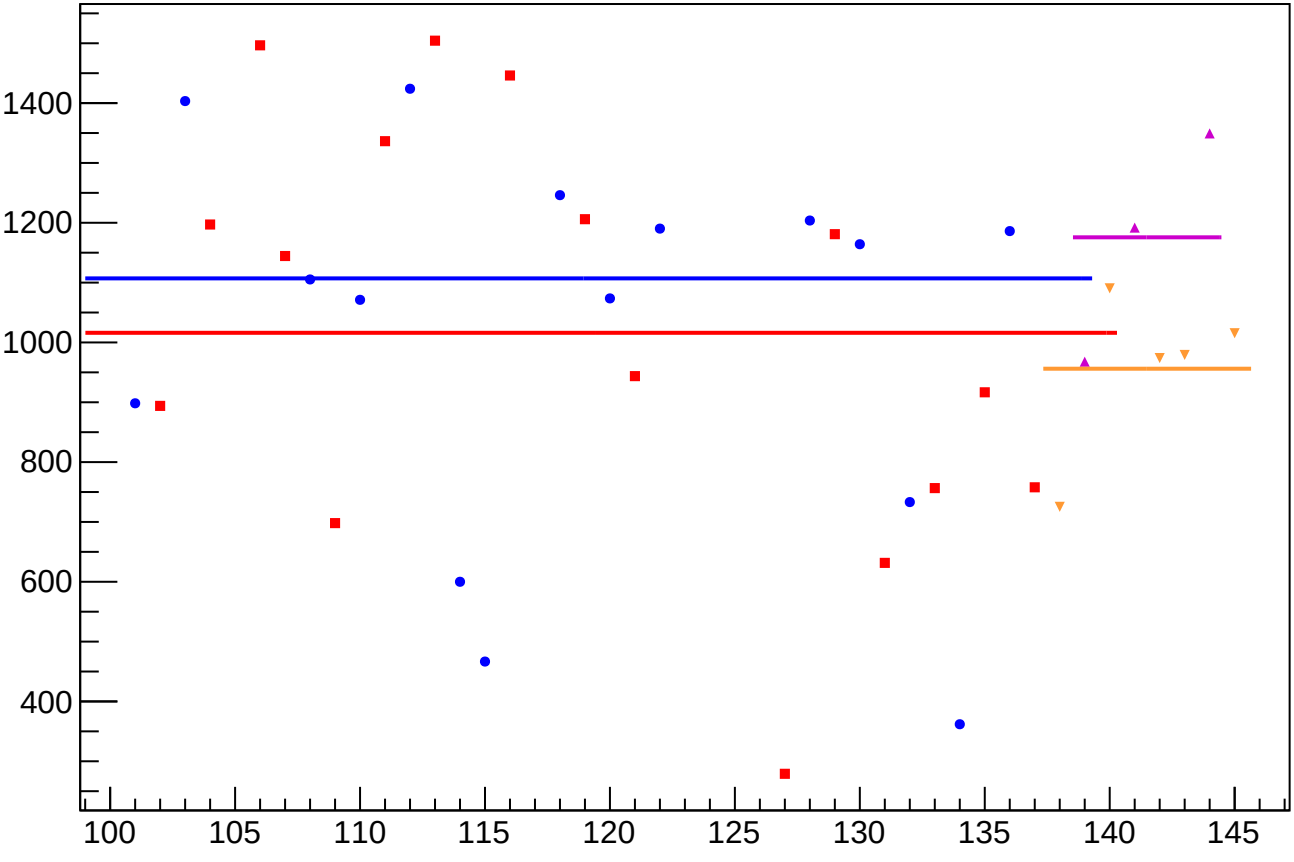
All: 119.273+/-0.000 χ^2/NDF: 74927340494

Right Out: 138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

- sign 125.648+/-0.000 χ^2/NDF: 366901664732344

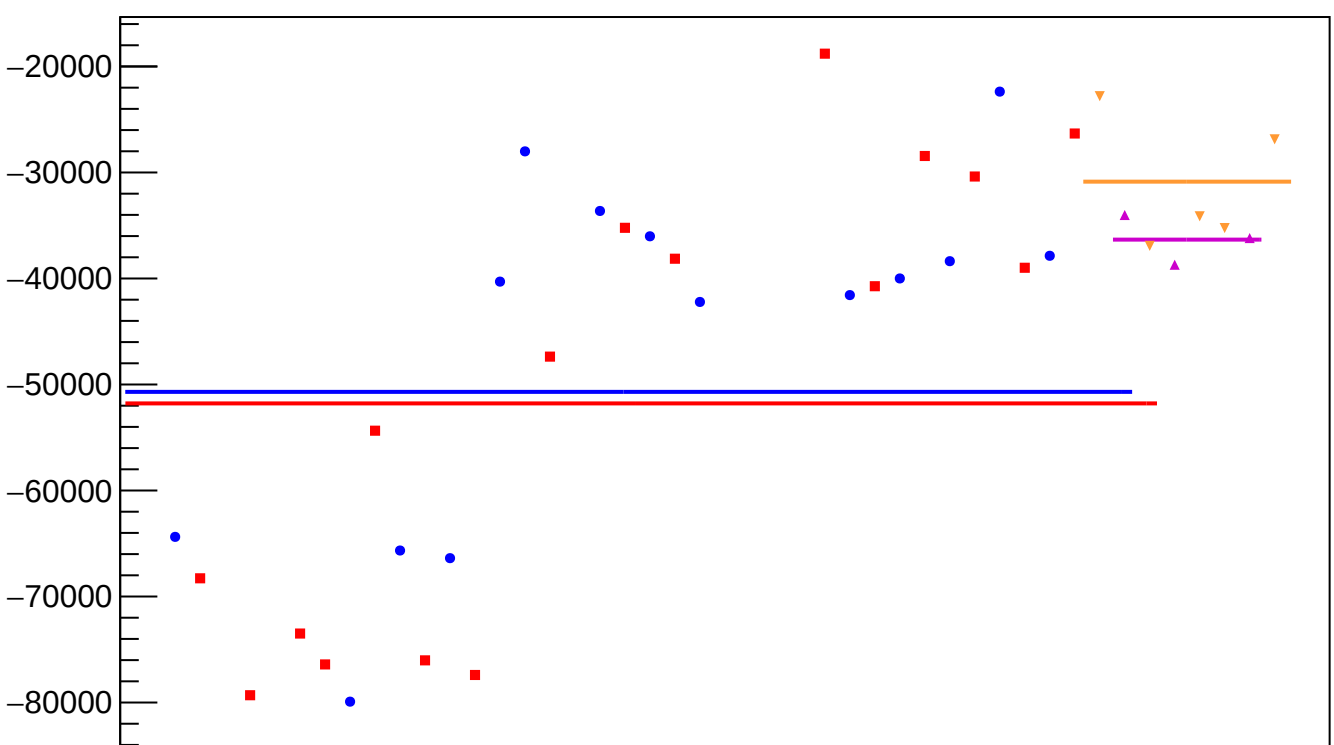
Left In: 92.871+/-0.000 χ^2/NDF:5944677705526050740305887861565030 4.0/2

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14

+ sign -43735.161+/-0.000 χ^2/NDF: 327283606082

Left Out: -30865.616+/-0.000 χ^2/NDF:110945971820705182543188746381888843892736.0/4

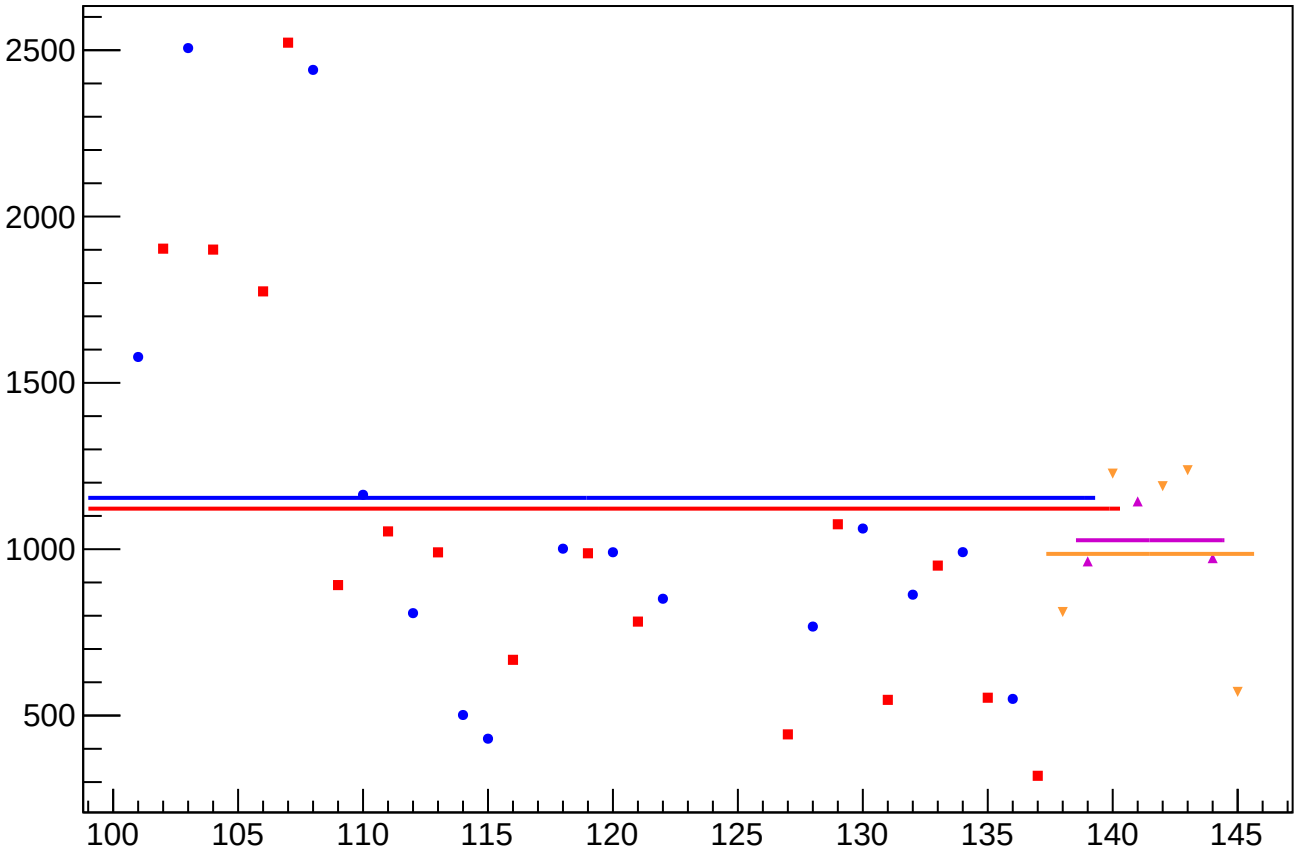
All: -45546.359+/-0.000 χ^2/NDF: 660862813

Right Out: -51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

- sign -47510.782+/-0.000 χ^2/NDF: 326740811098

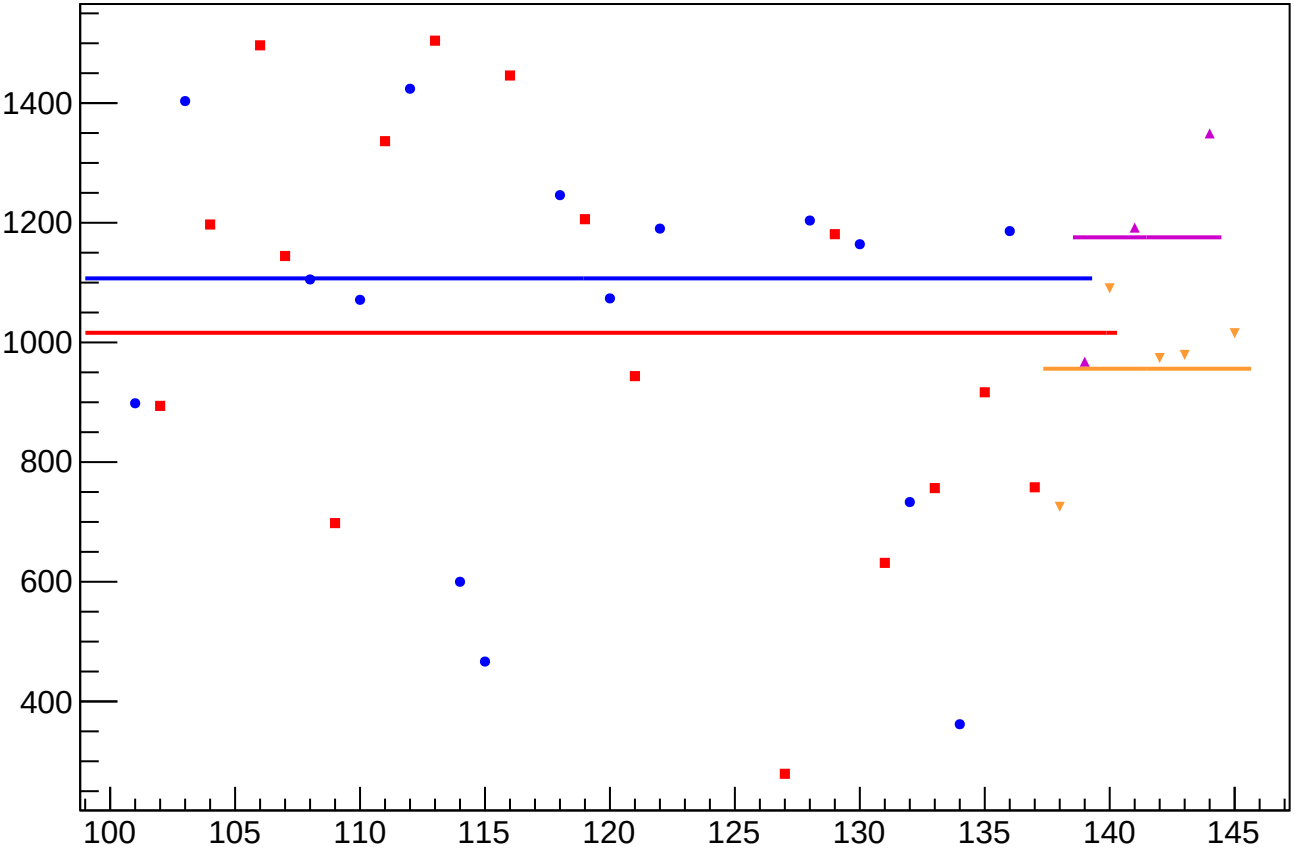
Left In: -36333.615+/-0.000 χ^2/NDF:915103839794556259754935447715756113920.0/2

dit_sam2_coil4_err_mean vs Slug



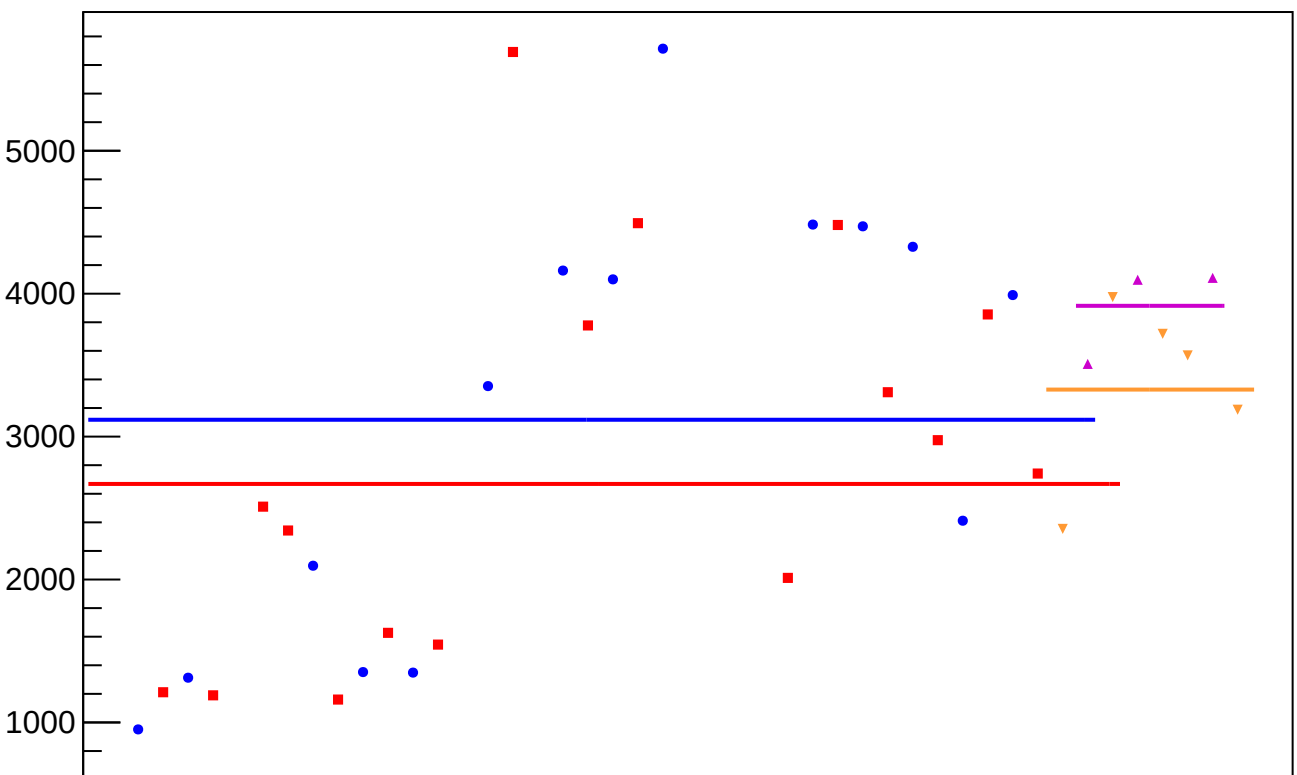
Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14
+ sign 1095.219+/-0.000 χ^2/NDF: 28245003391893
Left Out: 985.922+/-0.000 χ^2/NDF:267188678506562872176640431451610808 32.0/4
All: 1095.429+/-0.000 χ^2/NDF: 5120182624 0
Right Out: 1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
- sign 1095.656+/-0.000 χ^2/NDF: 22956813691552
Left In: 1026.921+/-0.000 χ^2/NDF:174347174192655170103086797644260966 4.0/2

dit_sam2_coil4_Ndata_mean vs Slug



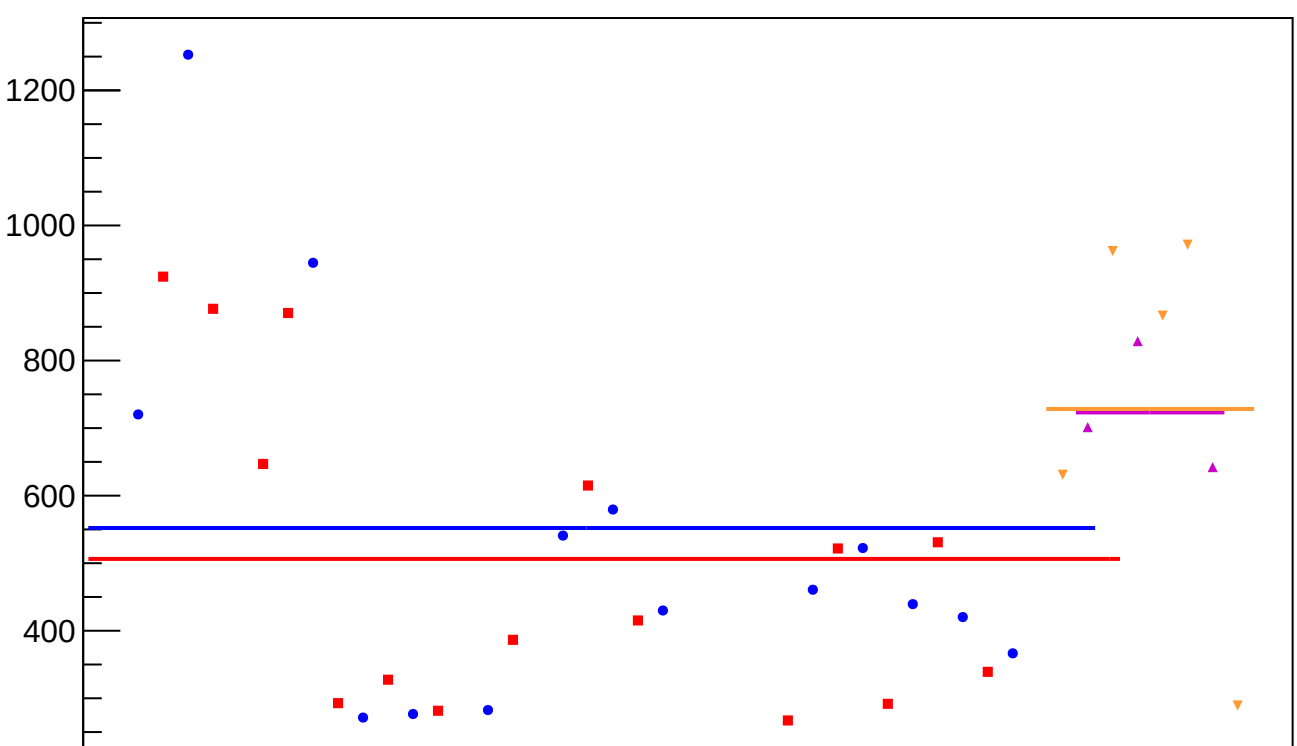
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_sam3_coil4_mean vs Slug



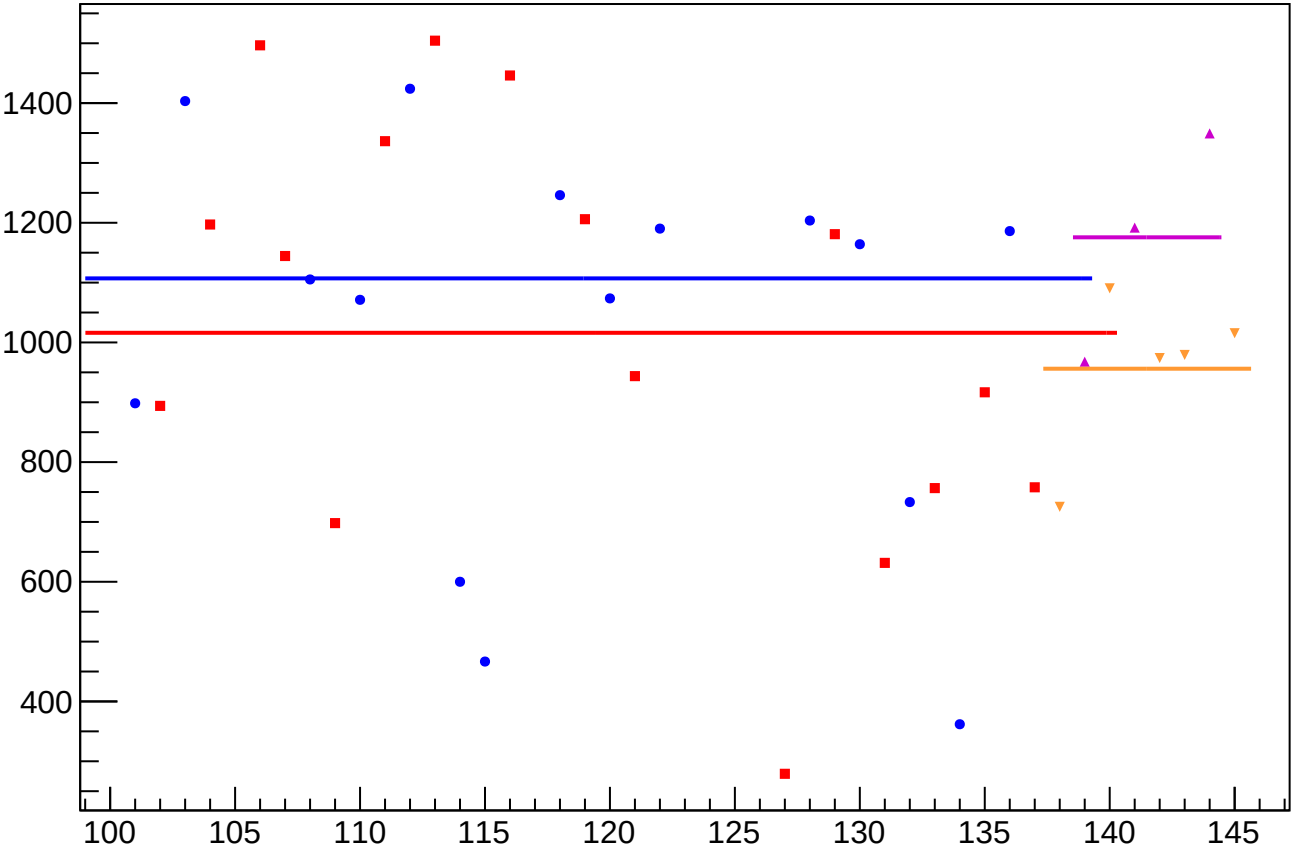
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
+ sign 3192.022+/-0.000 χ^2/NDF: 16837291349523
Left Out: 3329.048+/-0.000 χ^2/NDF:1208358278694440441892267100790985850 88.0/4
All: 3106.382+/-0.000 χ^2/NDF: 3141581994
Right Out: 2668.794+/-0.000 χ^2/NDF: 113640628613109859600005442213125711 4624.0/15
- sign 3013.497+/-0.000 χ^2/NDF: 14425640705862
Left In: 3915.131+/-0.000 χ^2/NDF:196039914701217523266607199536891822 08.0/2

dit_sam3_coil4_err_mean vs Slug



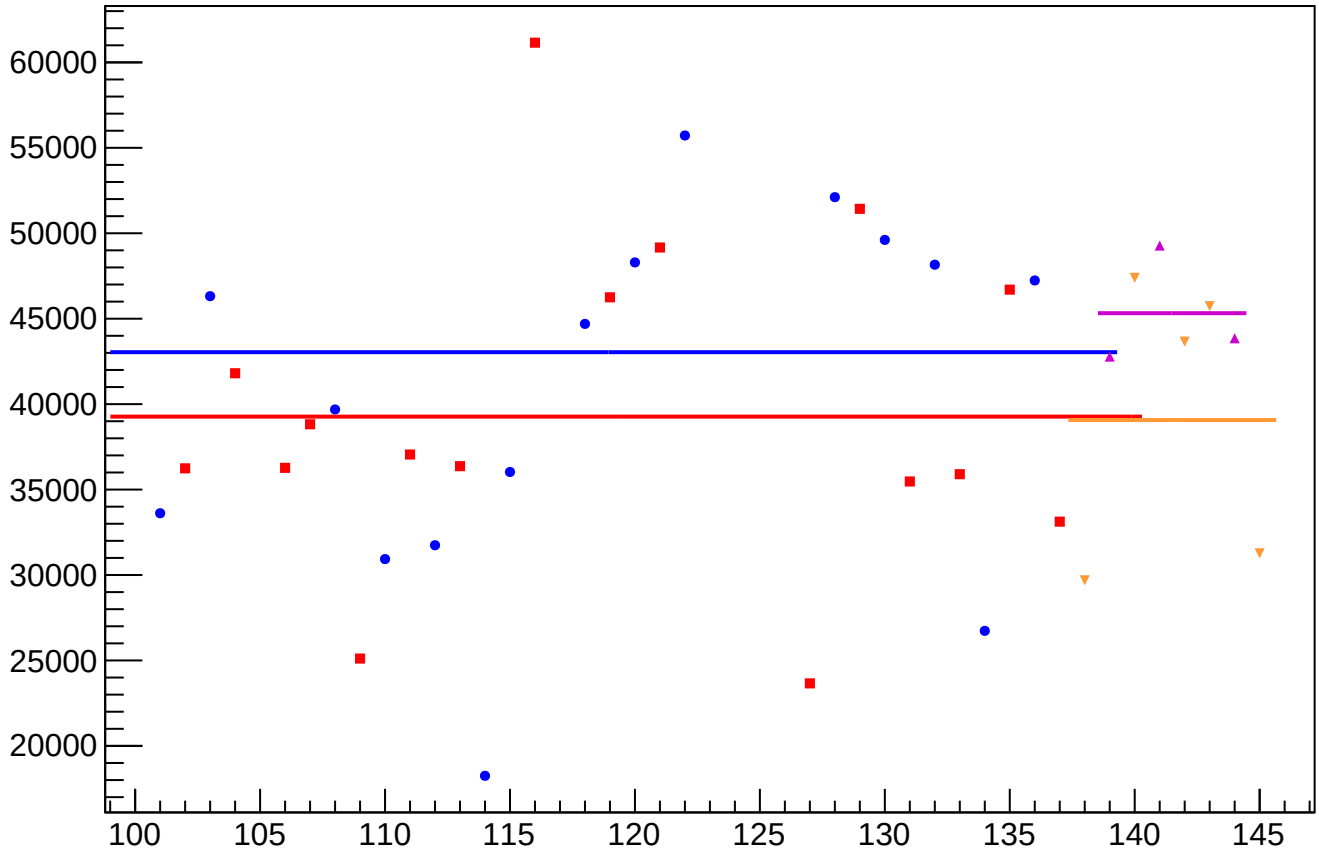
Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14
+ sign 613.959+/-0.000 χ^2/NDF: 829086378905925
Left Out: 728.320+/-0.000 χ^2/NDF:250962776407599598207860284728457297 92.0/4
All: 591.108+/-0.000 χ^2/NDF: 131423537908
Right Out: 506.345+/-0.000 χ^2/NDF: 371816532973148835016591318060105728 00.0/15
- sign 566.325+/-0.000 χ^2/NDF: 474264454783940
Left In: 723.212+/-0.000 χ^2/NDF:156876174524060733645570954675984793 6.0/2

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF: 4839705292256172265266678640755217950310 4.0/14

+ sign 41646.042+/-0.000 χ^2/NDF: 7322259860623

Left Out: 39068.743+/-0.000 χ^2/NDF:212330863651179382540399965922516 75344896.0/4

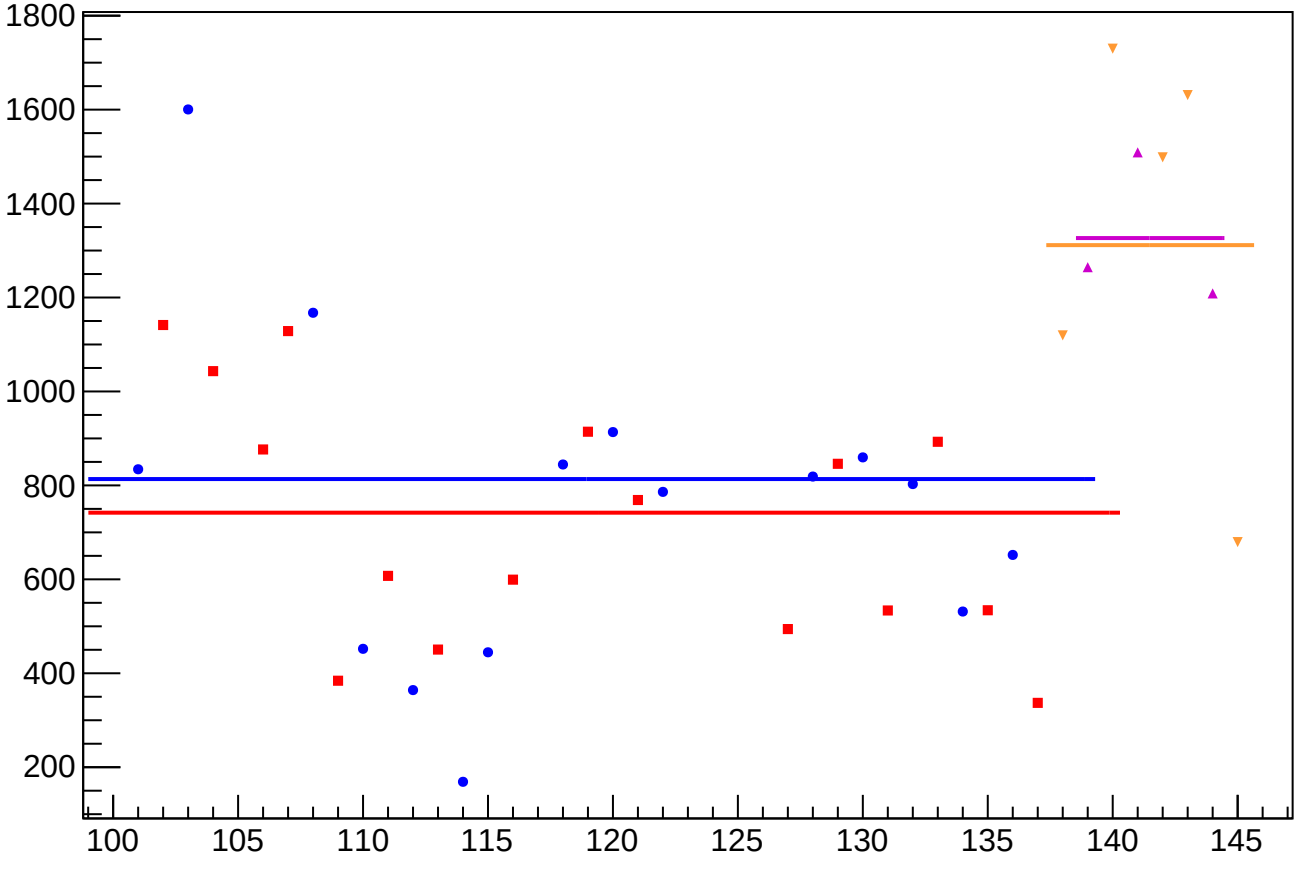
All: 41309.132+/-0.000 χ^2/NDF: 1341367941

Right Out: 39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158 5167360.0/15

- sign 40943.719+/-0.000 χ^2/NDF: 6067757621292

Left In: 45322.621+/-0.000 χ^2/NDF:204564608952479062637932753100553270 0672.0/2

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Left Out: 1311.523+/-0.000 χ^2/NDF:5685164967576088183835489080681116467 2.0/4

Right Out: 741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164569 6.0/15

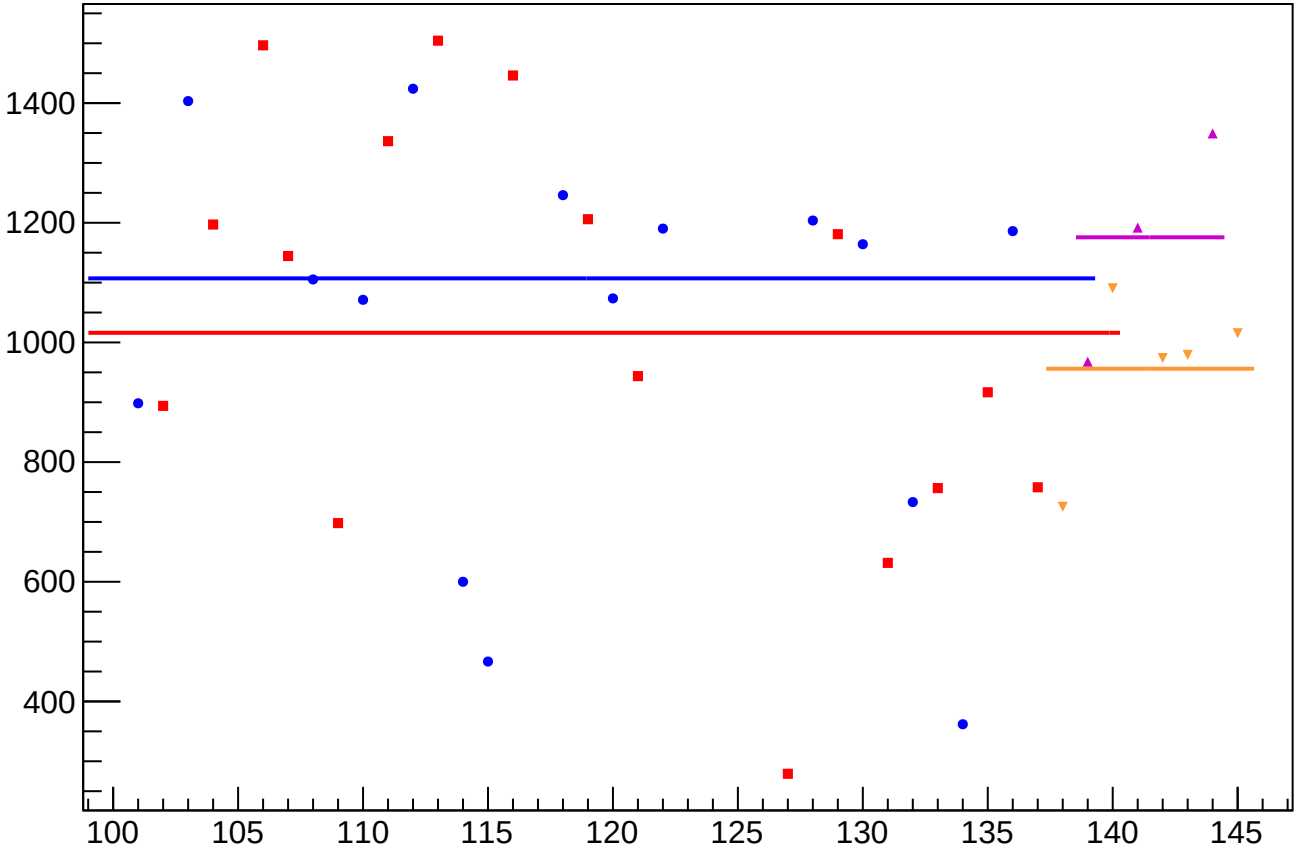
Left In: 1326.578+/-0.000 χ^2/NDF:4377413943425353146203567931107835904.0/2

+ sign 988.306+/-0.000 χ^2/NDF: 180472784122624

All: 947.679+/-0.000 χ^2/NDF: 29542484388

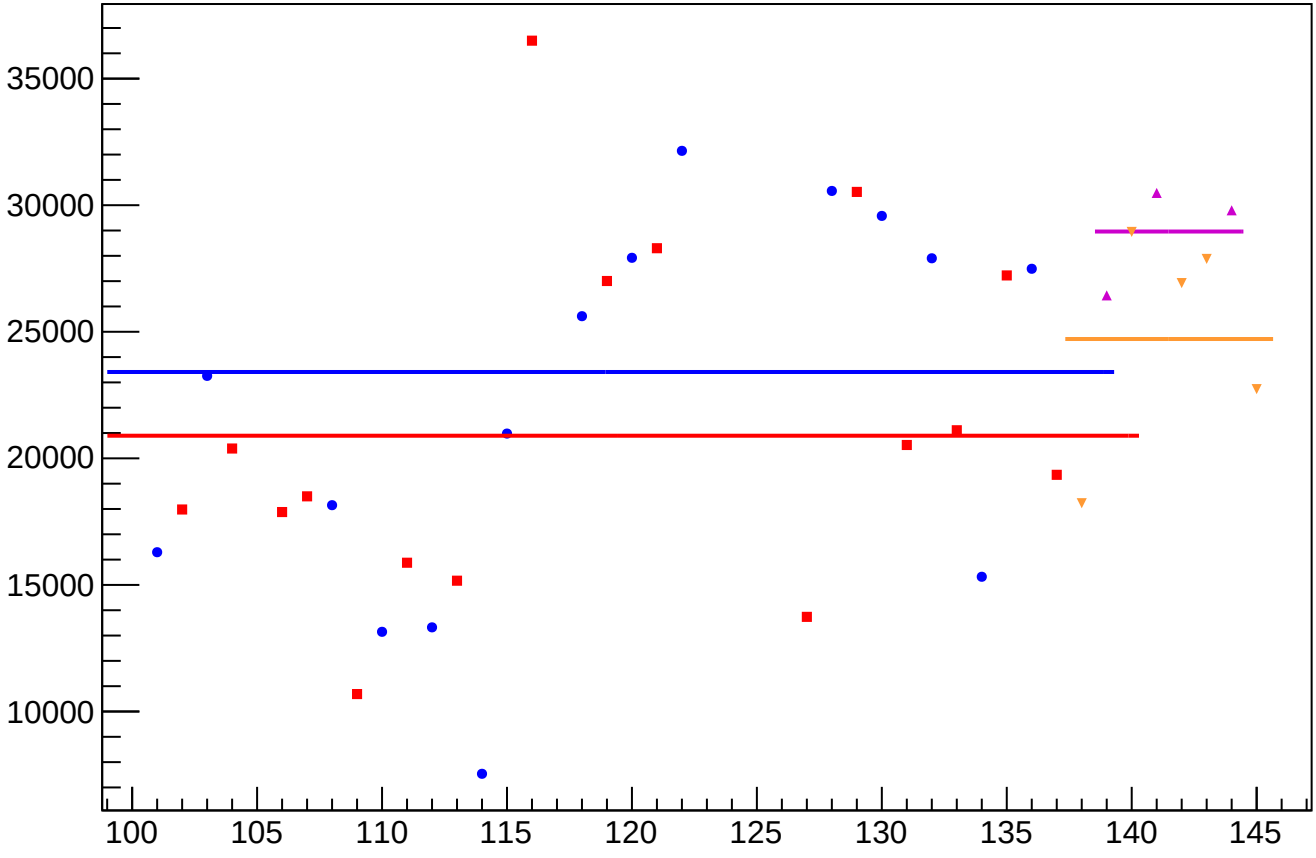
- sign 903.614+/-0.000 χ^2/NDF: 111511202417028

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Left Out: 24714.455+/-0.000 χ^2/NDF:5950311689201197043724832557363848282112.0/4

Right Out: 20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

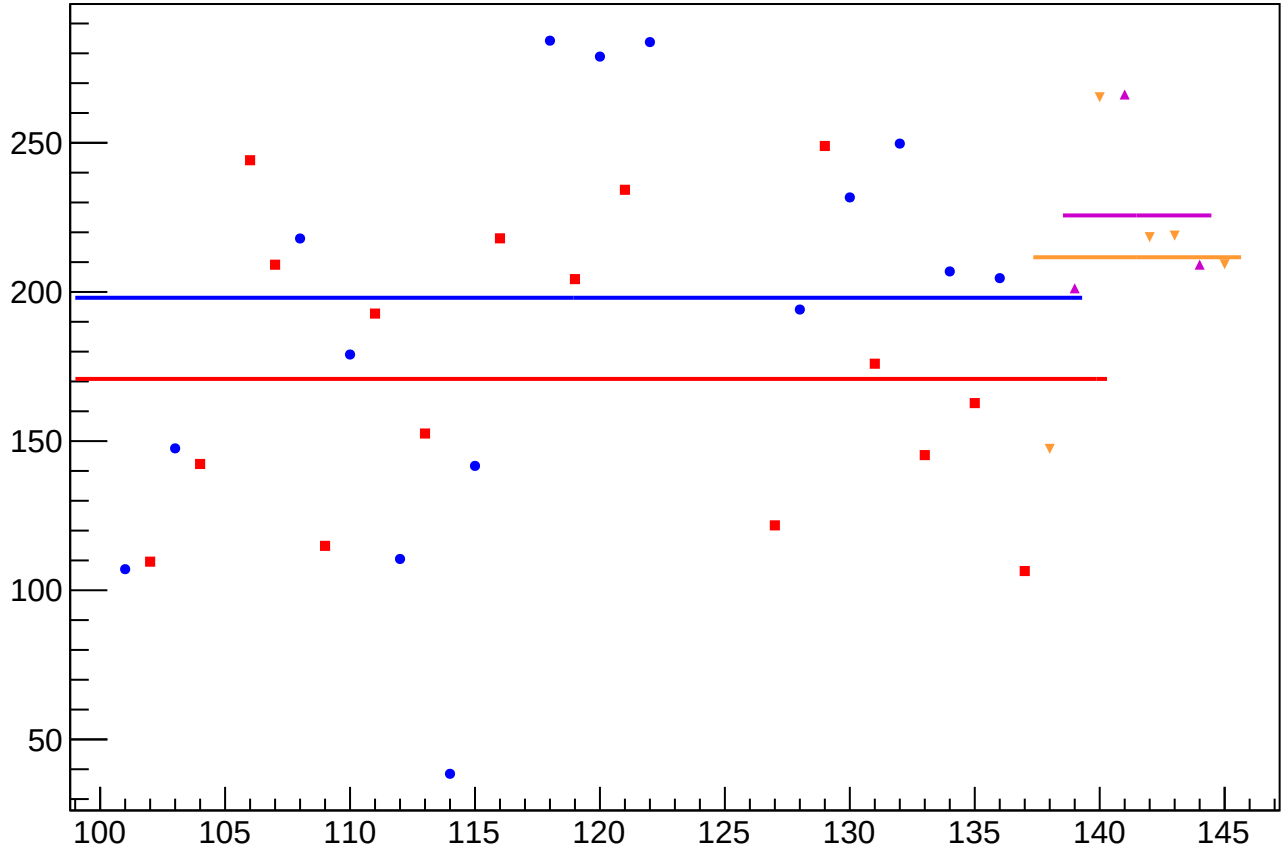
Left In: 28959.979+/-0.000 χ^2/NDF:7755183036159769974529299790101793996 80.0/2

+ sign 23868.841+/-0.000 χ^2/NDF: 3476449768848

All: 23511.975+/-0.000 χ^2/NDF: 752159807 5

- sign 23124.918+/-0.000 χ^2/NDF: 4018600155881

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Left Out: 211.637+/-0.000 χ^2/NDF:5637830747301689941644461460957429 76.0/4

Right Out: 170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

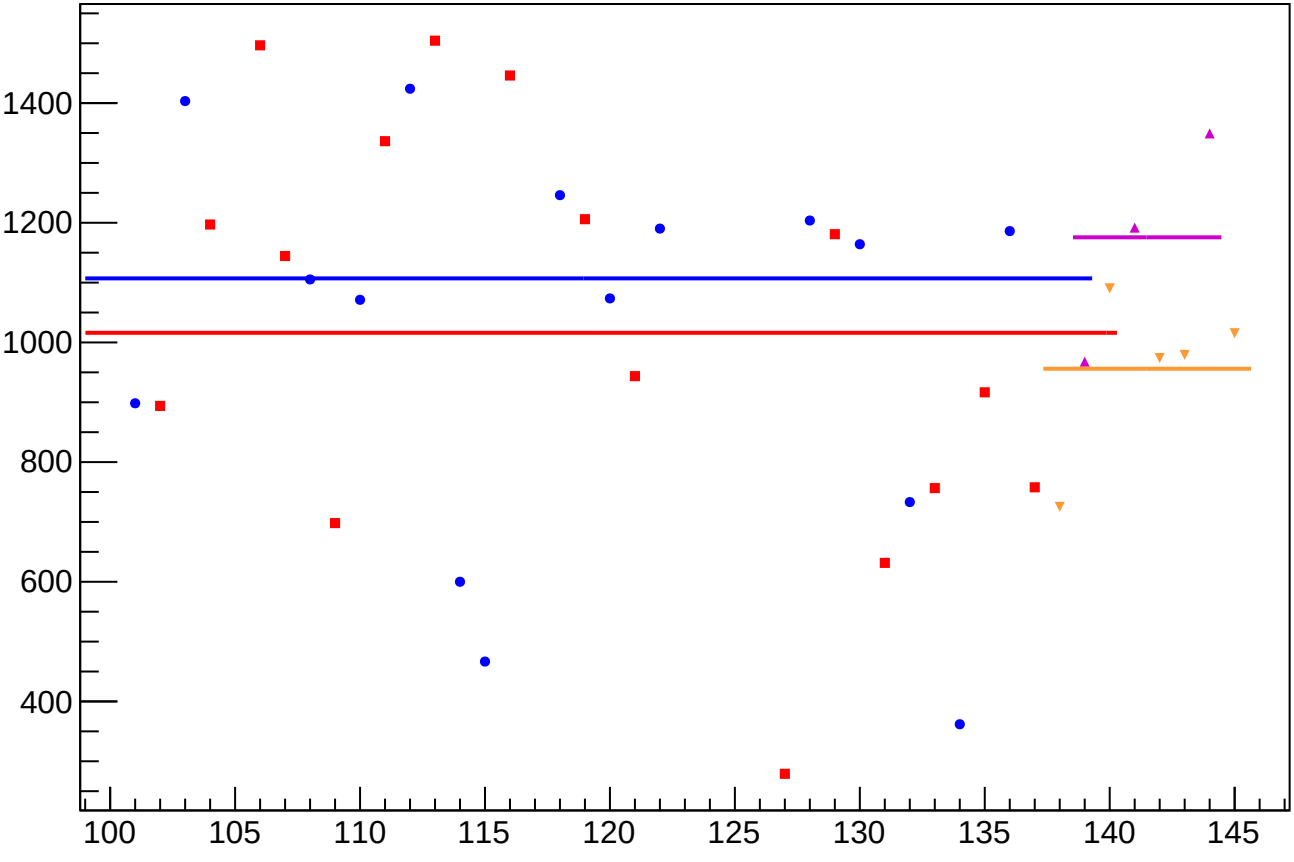
Left In: 225.658+/-0.000 χ^2/NDF:2122839457561464865491832717443072 00.0/2

+ sign 202.823+/-0.000 χ^2/NDF: 308873179784057

All: 194.757+/-0.000 χ^2/NDF: 54090474782 8

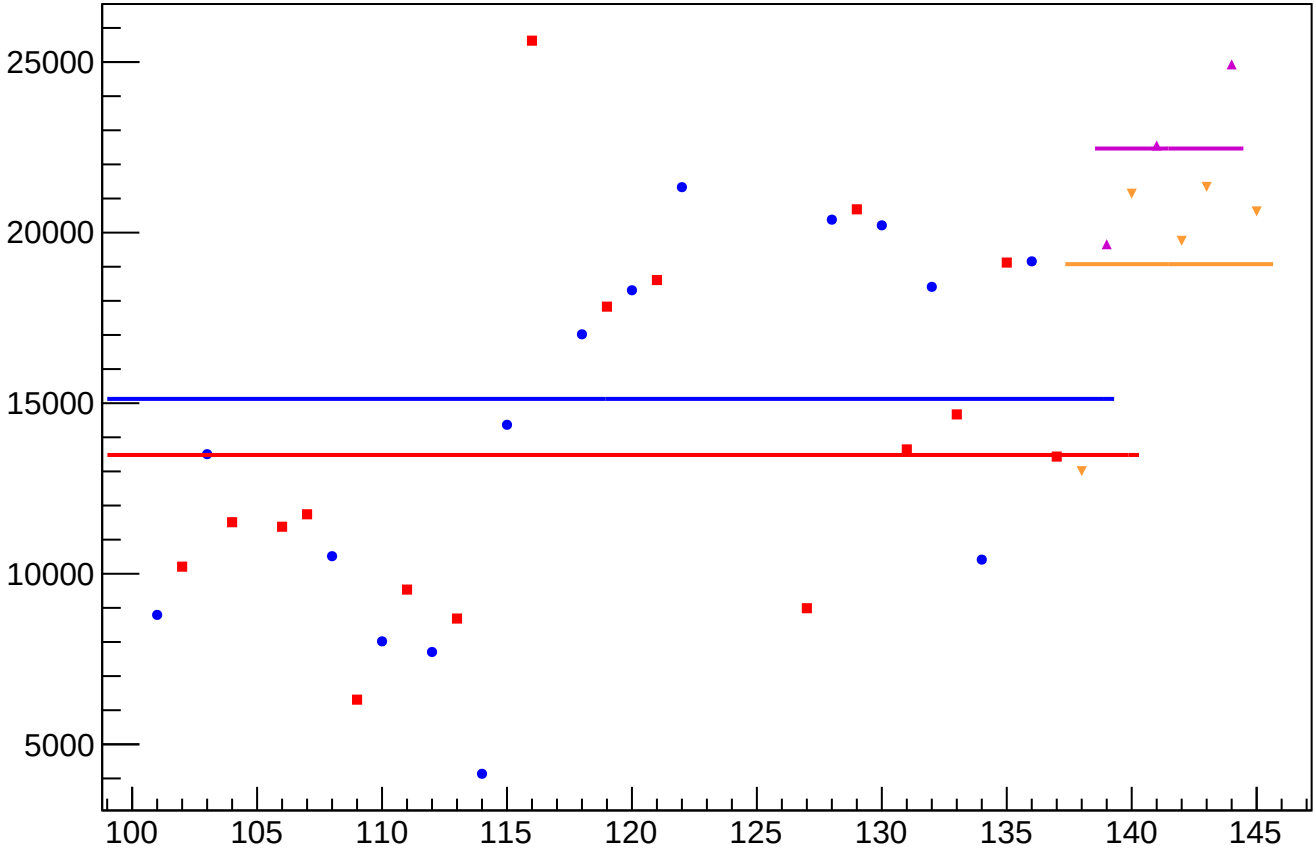
- sign 186.009+/-0.000 χ^2/NDF: 218470524971087

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Left Out: 19074.782+/-0.000 χ^2/NDF:37737281219744508604459671090826712186 88.0/4

Right Out: 13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

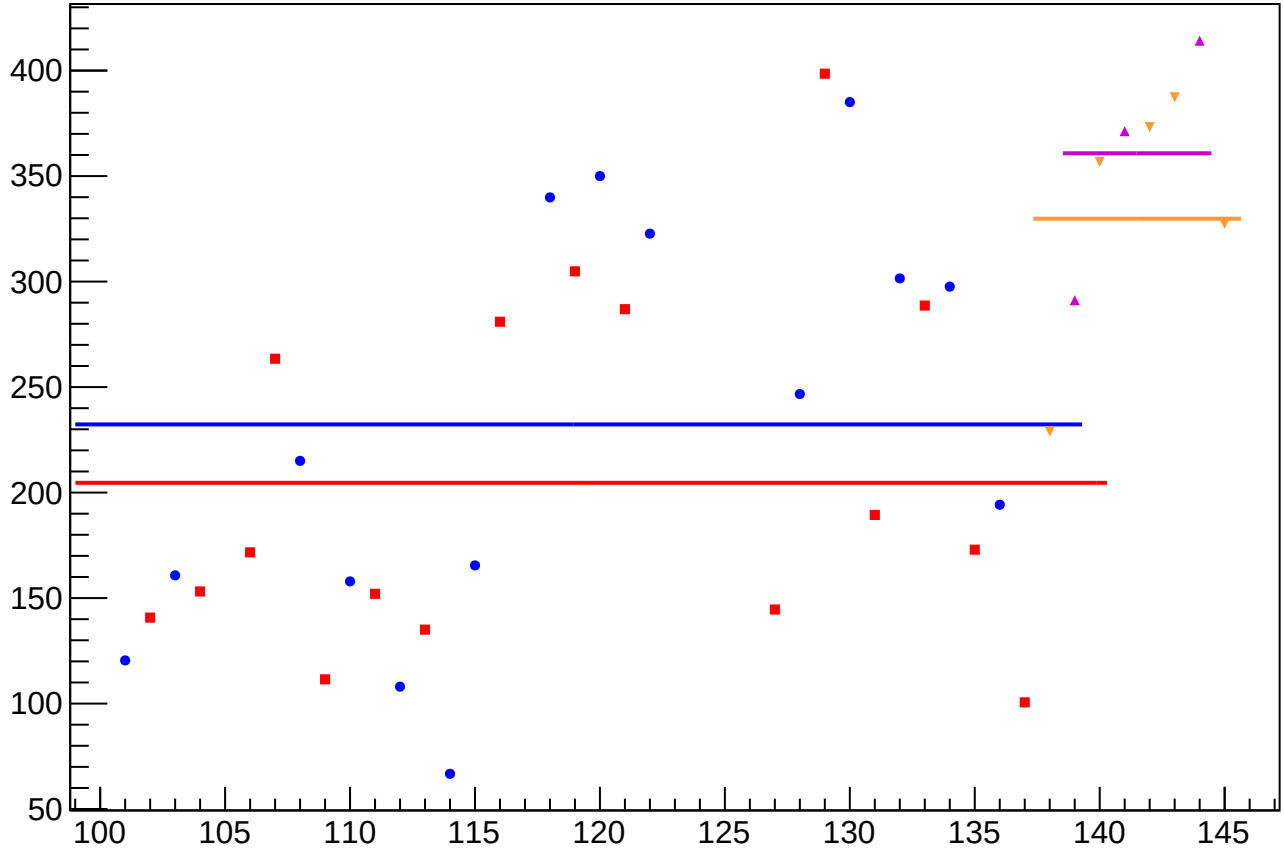
Left In: 22465.191+/-0.000 χ^2/NDF:11795377496728017857306799638635536 71168.0/2

+ sign 16511.915+/-0.000 χ^2/NDF: 2394150817546

All: 16250.362+/-0.000 χ^2/NDF: 5605989934

- sign 15966.682+/-0.000 χ^2/NDF: 3197578391956

dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Left Out: 329.805+/-0.000 χ^2/NDF:116169656093024108855701397144653004 8.0/4

Right Out: 204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

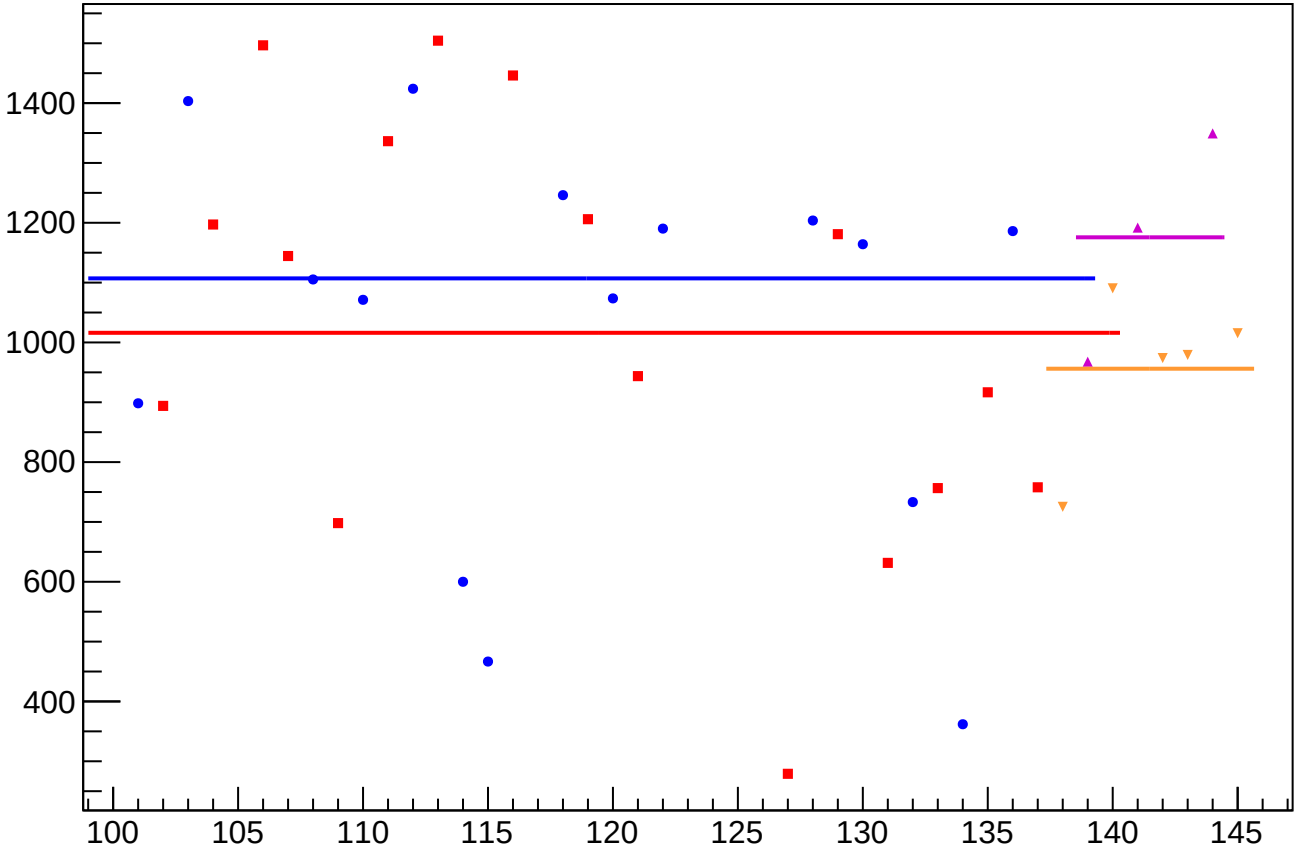
Left In: 360.811+/-0.000 χ^2/NDF:655508761362888166052838839053975552.0/2

+ sign 266.532+/-0.000 χ^2/NDF: 88050567886763 6

All: 257.561+/-0.000 χ^2/NDF: 18682766921 0

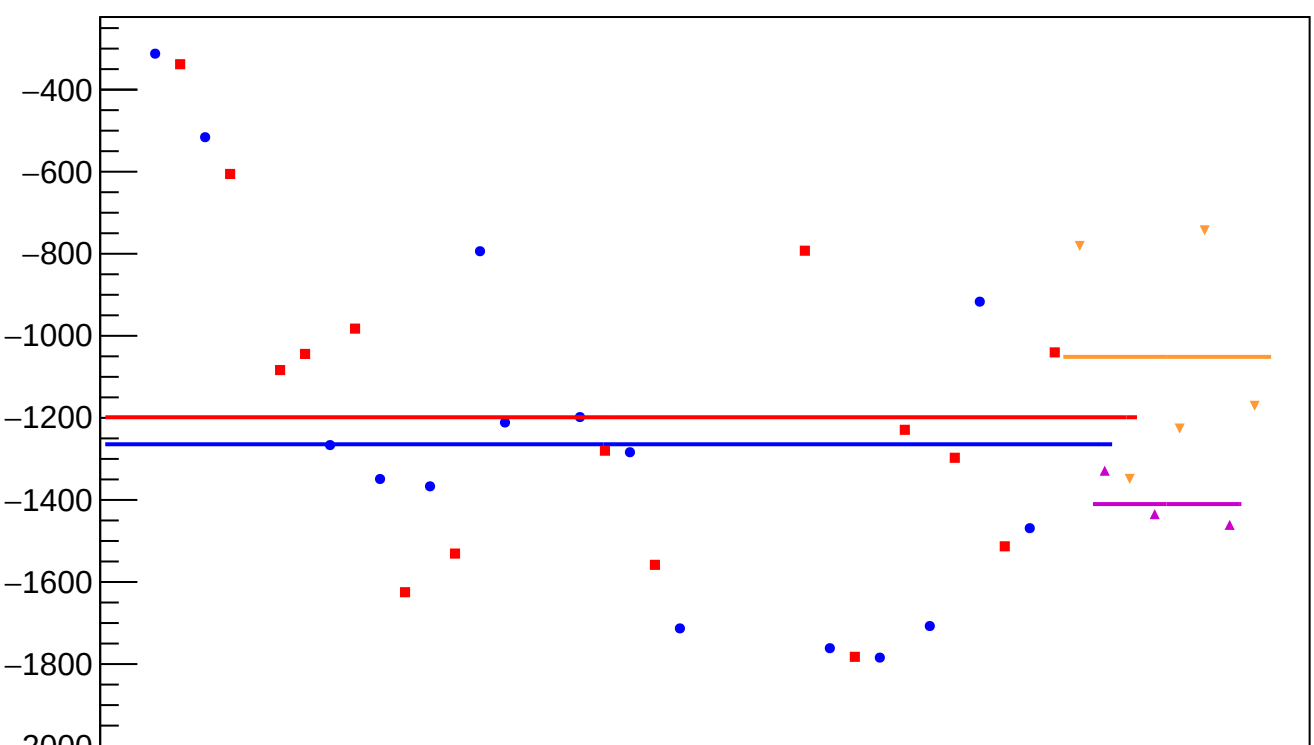
- sign 247.830+/-0.000 χ^2/NDF: 970993389241155

dit_sam6_coil4_Ndata_mean vs Slug



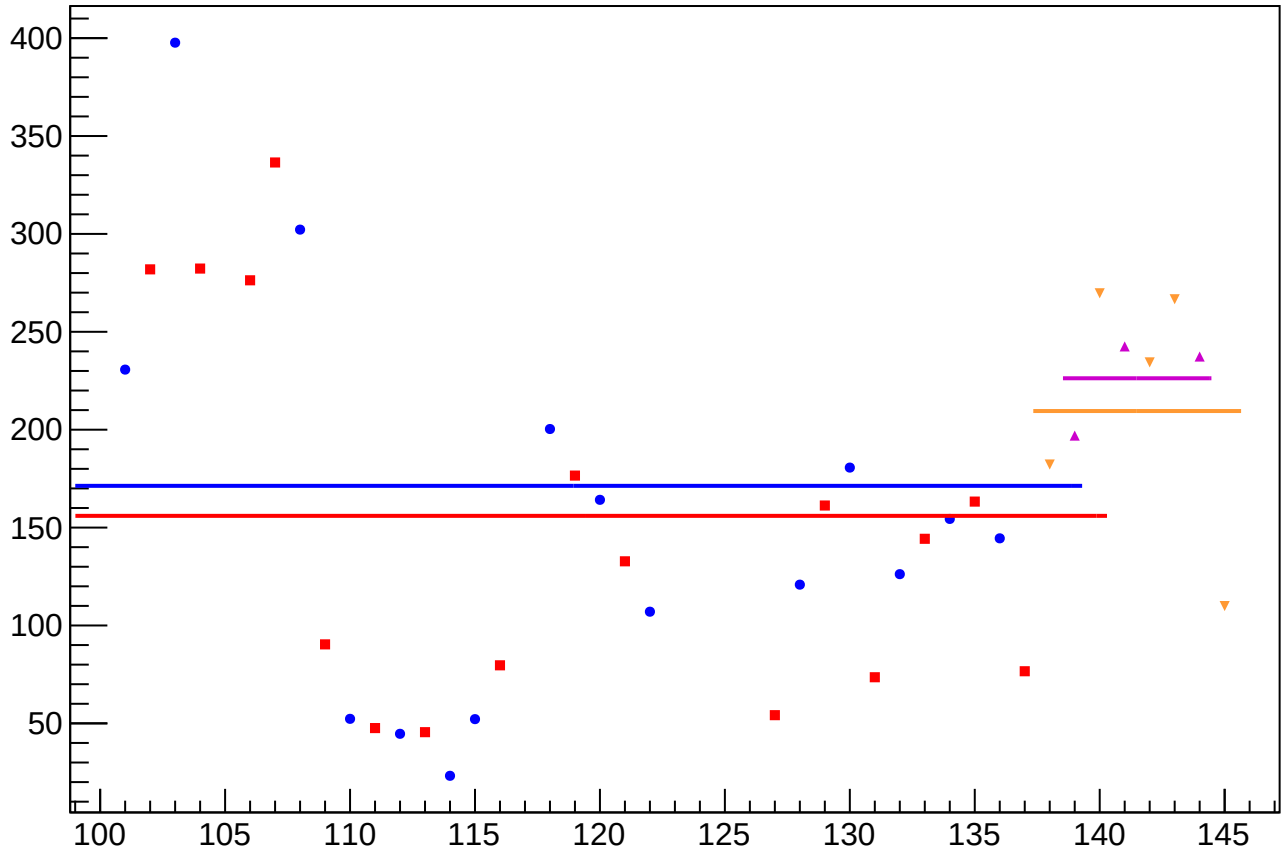
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_sam7_coil4_mean vs Slug



Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
+ sign -1189.527+/-0.000 χ^2/NDF: 1723918241284
Left Out: -1051.268+/-0.000 χ^2/NDF:2183816646127113502264780480839260569 6.0/4
All: -1221.895+/-0.000 χ^2/NDF: 3148141174
Right Out: -1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
- sign -1257.001+/-0.000 χ^2/NDF: 1402382947209 5
Left Out: -1410.066+/-0.000 χ^2/NDF:8151269391163693931246612913953177 60.0/2

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

Left Out: 209.531+/-0.000 χ^2/NDF:1375558212713564116058787685462966272.0/4

Right Out: 155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15

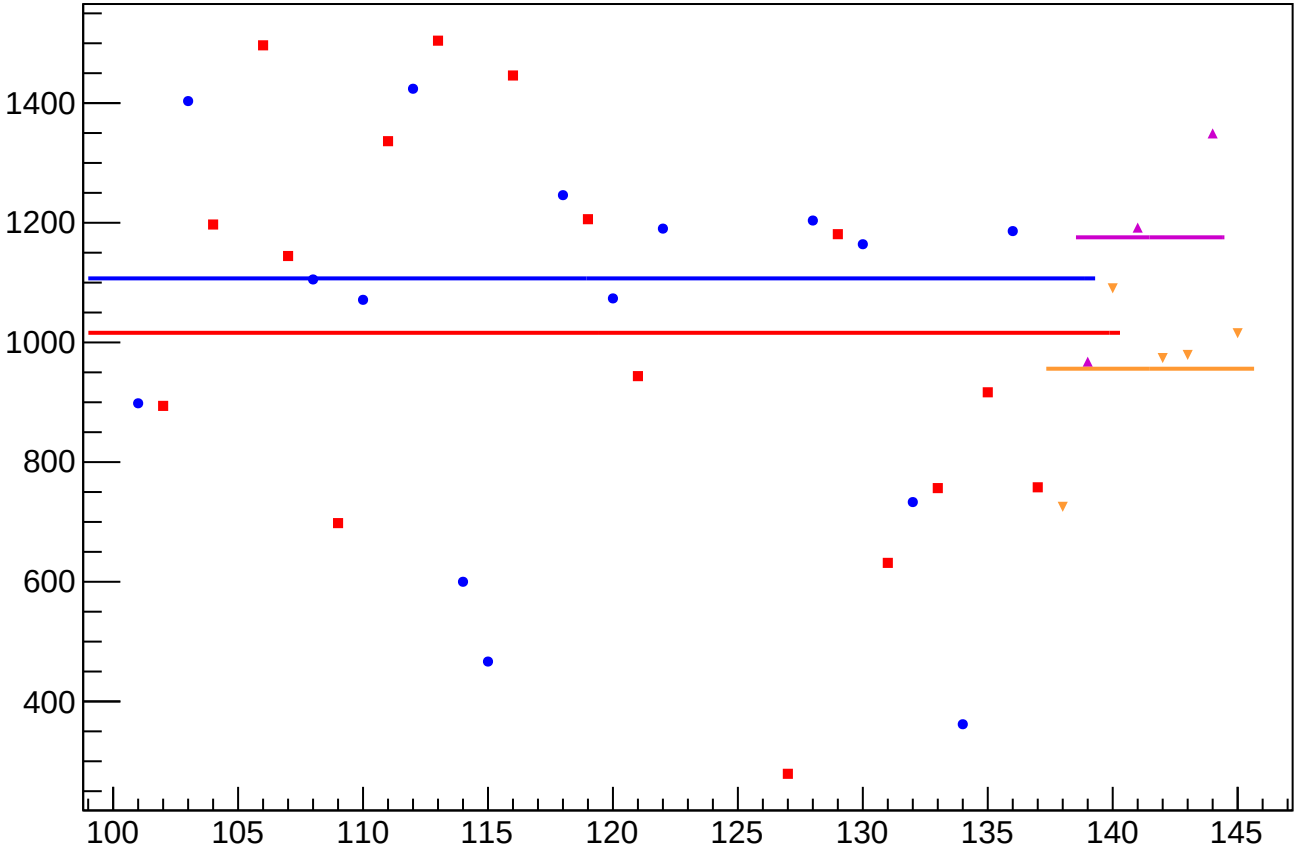
Left In: 226.264+/-0.000 χ^2/NDF:10290268339227207427305064778799513 6.0/2

+ sign 184.734+/-0.000 χ^2/NDF: 78290922243678 5

All: 180.270+/-0.000 χ^2/NDF: 14565107580 6

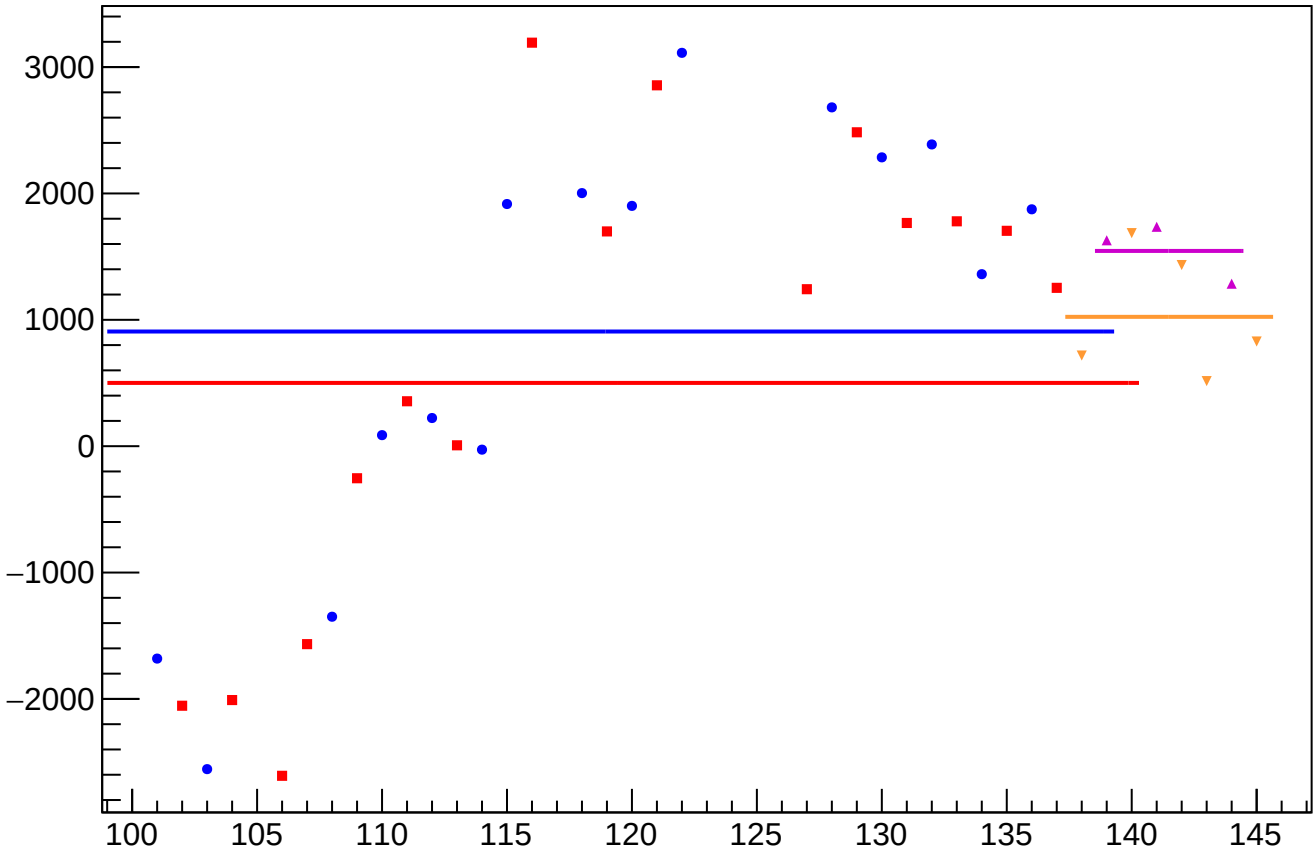
- sign 175.428+/-0.000 χ^2/NDF: 669447683303360

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_sam8_coil4_mean vs Slug



Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

+ sign 948.199+/-0.000 χ^2/NDF: 218163426948197

Left Out: 1023.559+/-0.000 χ^2/NDF:713247984976758449020062183430931087 36.0/4

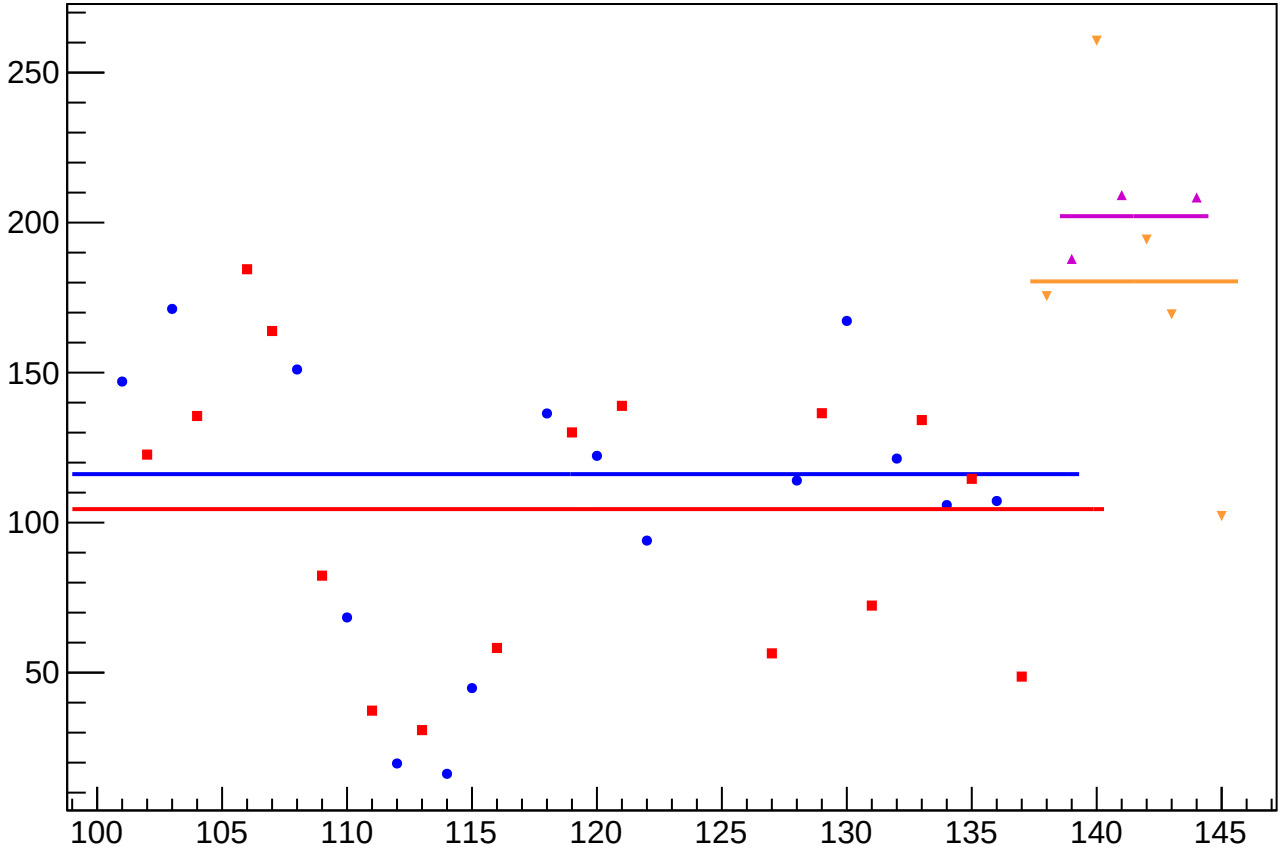
All: 872.093+/-0.000 χ^2/NDF: 44788337875 5

Right Out: 500.689+/-0.000 χ^2/NDF: 207423291874995317443680342637907 4895872.0/15

- sign 789.548+/-0.000 χ^2/NDF: 228512522981301

Left In: 1545.114+/-0.000 χ^2/NDF:966376075619372614914917446506984 2432.0/2

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

+ sign 138.709+/-0.000 χ^2/NDF: 316253737778759

Left Out: 180.403+/-0.000 χ^2/NDF:10238119324169208242665707708350464 00.0/4

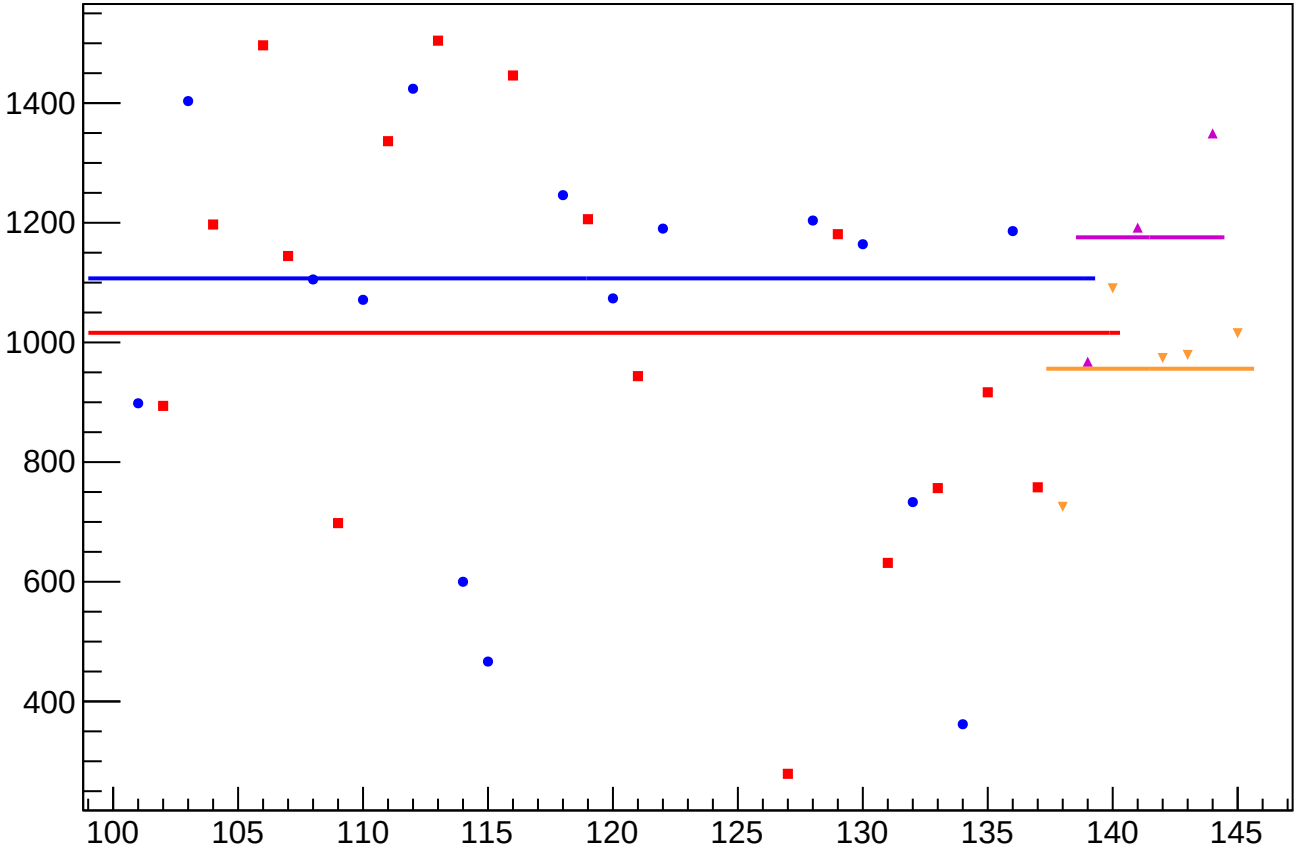
All: 135.253+/-0.000 χ^2/NDF: 62561494780

Right Out: 104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

- sign 131.505+/-0.000 χ^2/NDF: 306871392760994

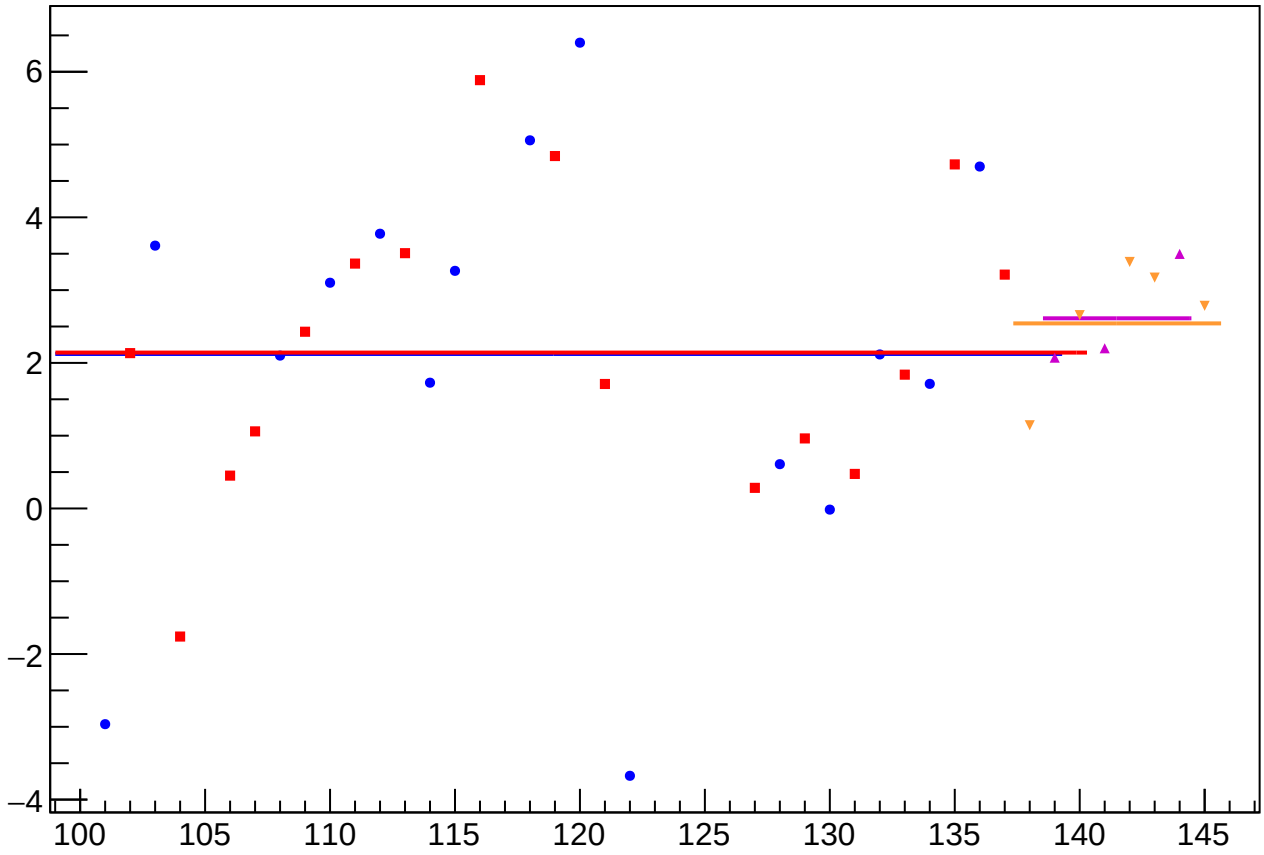
Left In: 202.139+/-0.000 χ^2/NDF:2410340242344402557492011939450060 8.0/2

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1054.065+/-0.000 χ^2/NDF: 5178485797164 9
Left Out: 956.091+/-0.000 χ^2/NDF:5959648710258224834143603323238875136.0/4
All: 1057.028+/-0.000 χ^2/NDF: 1352752074 4
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1060.242+/-0.000 χ^2/NDF: 8347204682486 9
Left In: 1175.686+/-0.000 χ^2/NDF:6206619771609003879292638606747762688.0/2

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

+ sign 2.270+/-0.000 χ^2/NDF: 5521560829195308 0

Left Out: 2.543+/-0.000 χ^2/NDF:217687903640623564718970266189824.0/4

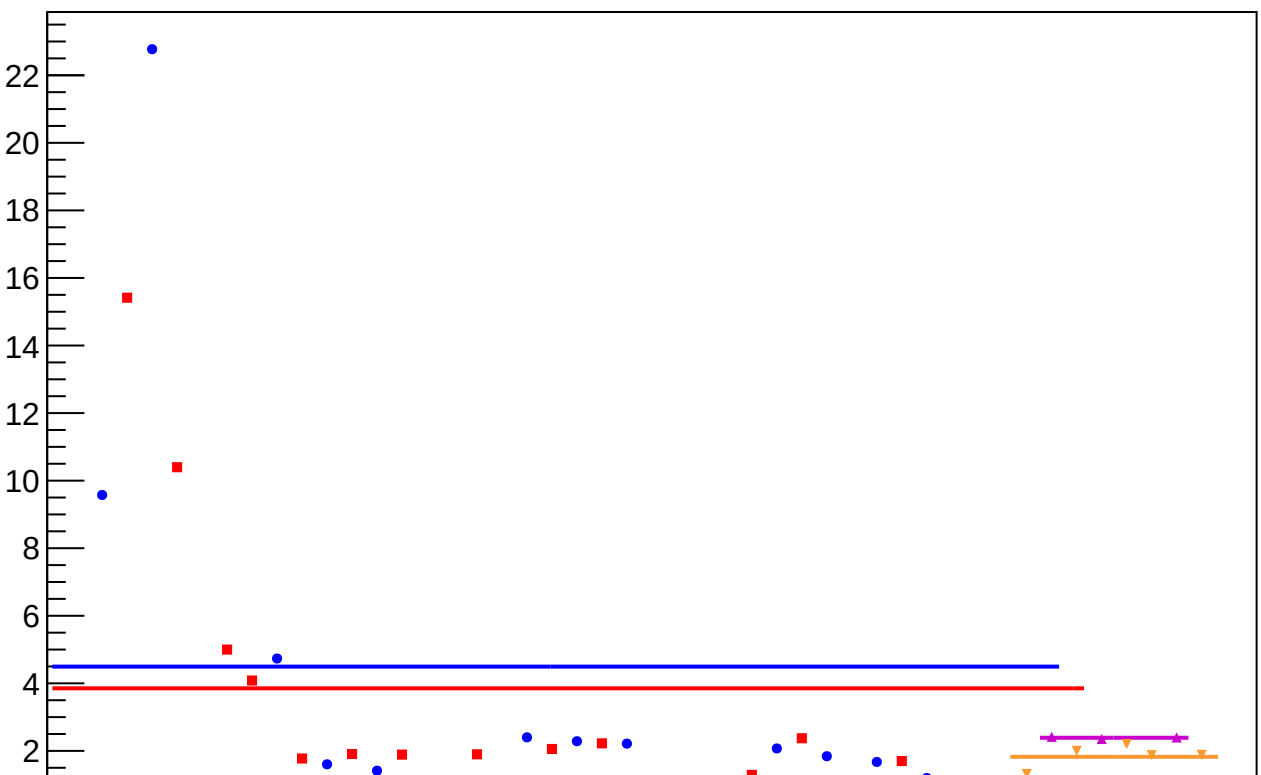
All: 2.271+/-0.000 χ^2/NDF: 8143196419888 9

Right Out: 2.142+/-0.000 χ^2/NDF: 247294994099367246616169225702 6048.0/15

- sign 2.272+/-0.000 χ^2/NDF: 2621634117699848 4

Left In: 2.613+/-0.000 χ^2/NDF:107784298839648456637860640980992.0/2

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

+ sign 3.558+/-0.000 χ^2/NDF: 2692412443481080 1

Left Out: 1.825+/-0.000 χ^2/NDF:297684079379016689169490845368 32.0/4

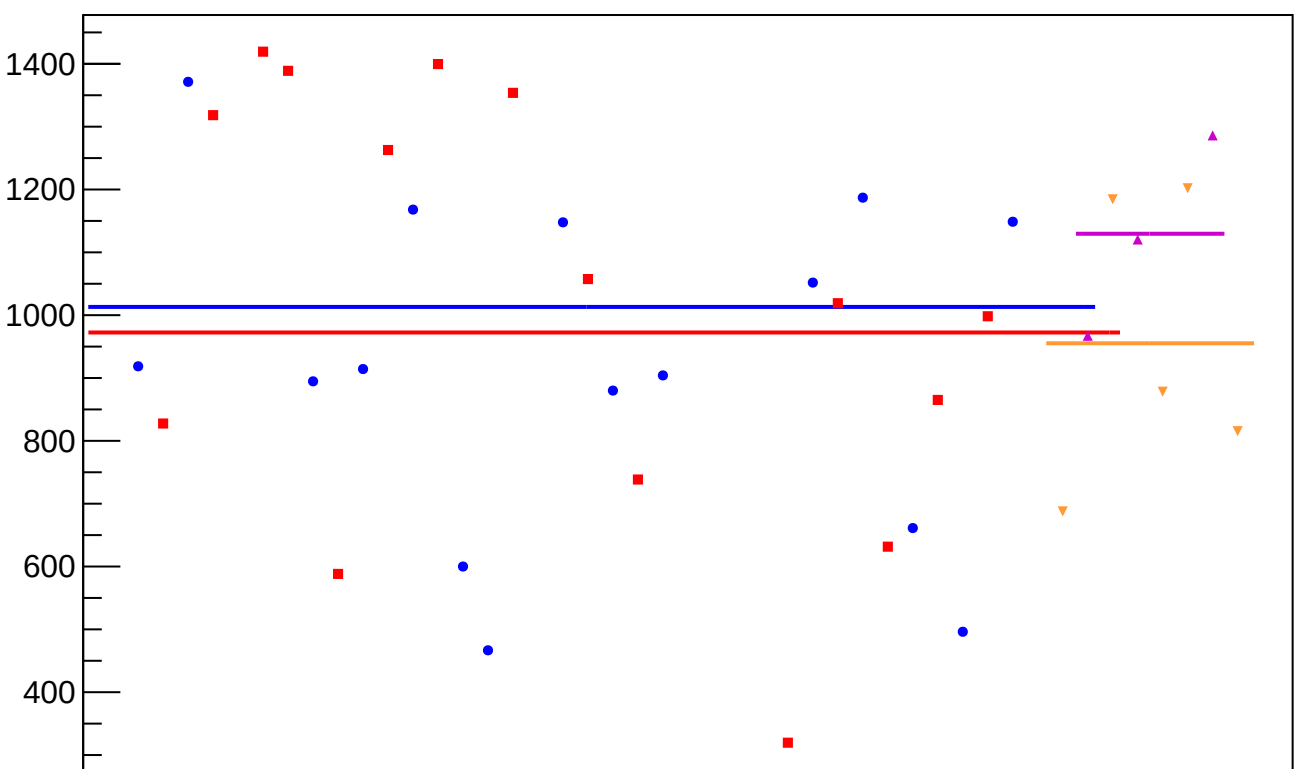
All: 3.505+/-0.000 χ^2/NDF: 3964032333921 5

Right Out: 3.852+/-0.000 χ^2/NDF: 123149714765568065505188476386017 28.0/15

- sign 3.448+/-0.000 χ^2/NDF: 1271035896036730 9

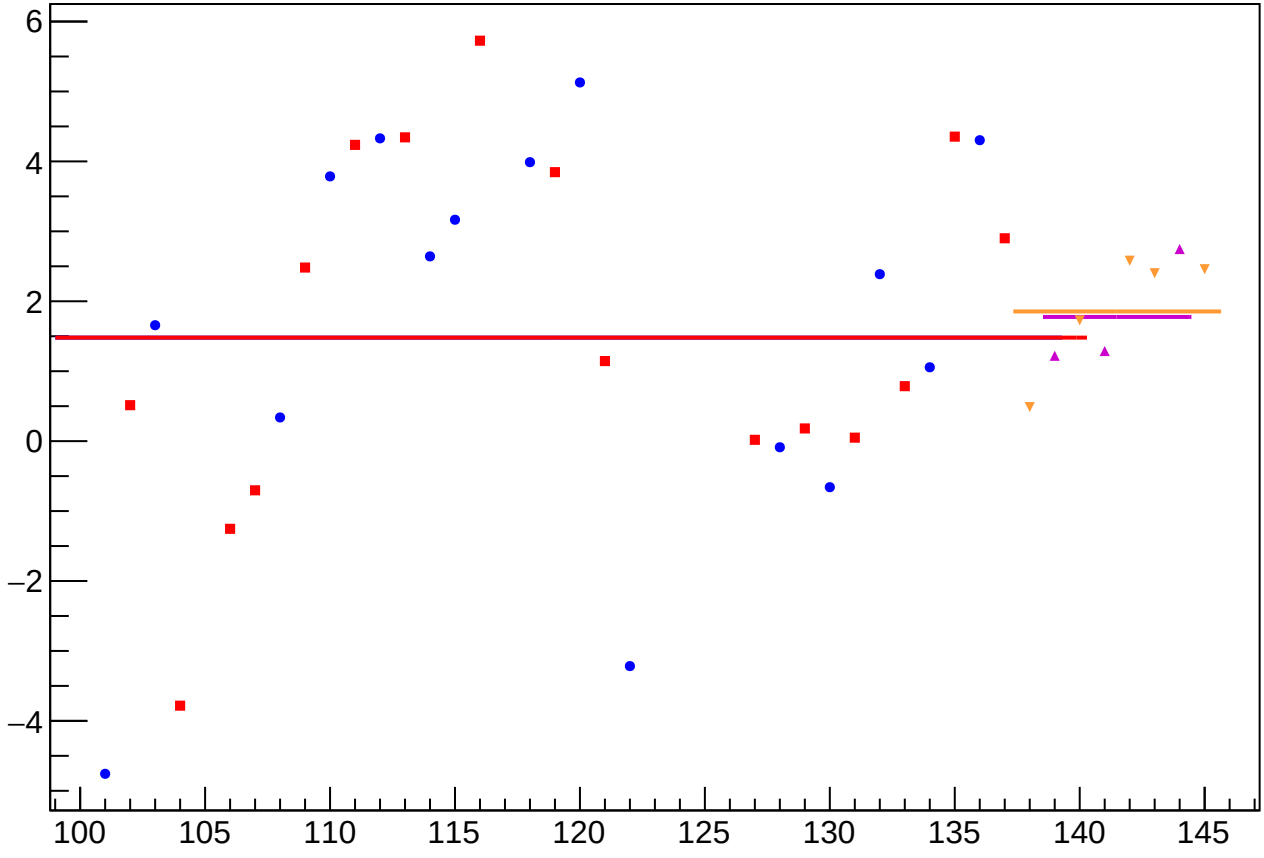
Left In: 2.389+/-0.000 χ^2/NDF:188632673346550746068664975360.0/2

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

+ sign 1.611+/-0.000 χ^2/NDF: 60514668356546591

Left Out: 1.854+/-0.000 χ^2/NDF:219887227160514896496136158183424.0/4

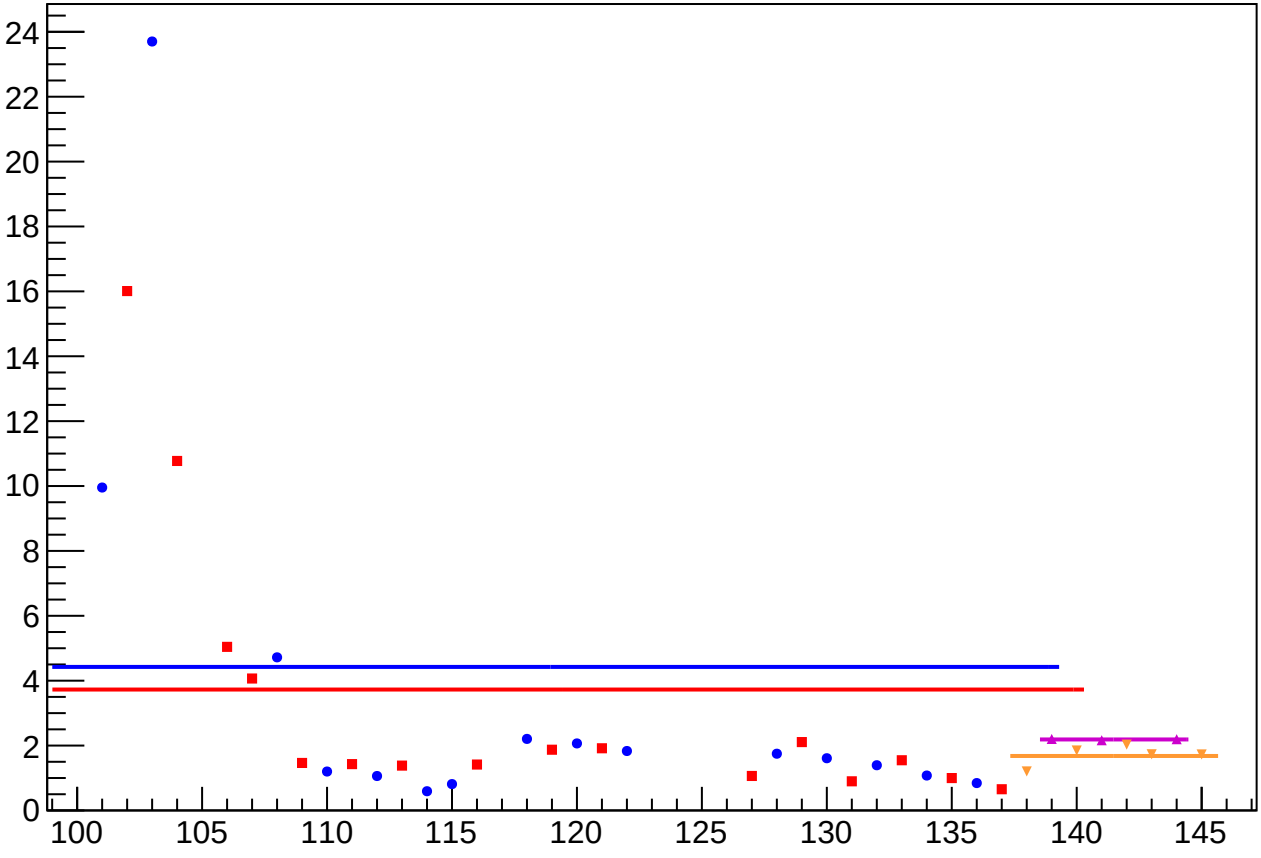
All: 1.588+/-0.000 χ^2/NDF: 1029044515830 5

Right Out: 1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

- sign 1.562+/-0.000 χ^2/NDF: 4237809411330857 6

Left In: 1.776+/-0.000 χ^2/NDF:1290472263413626543824661056061 44.0/2

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF: 28257459272876210608839830473277440.0/14

+ sign 3.461+/-0.000 χ^2/NDF: 30000141422490743

Left Out: 1.679+/-0.000 χ^2/NDF:26032631193442093797708362940416.0/4

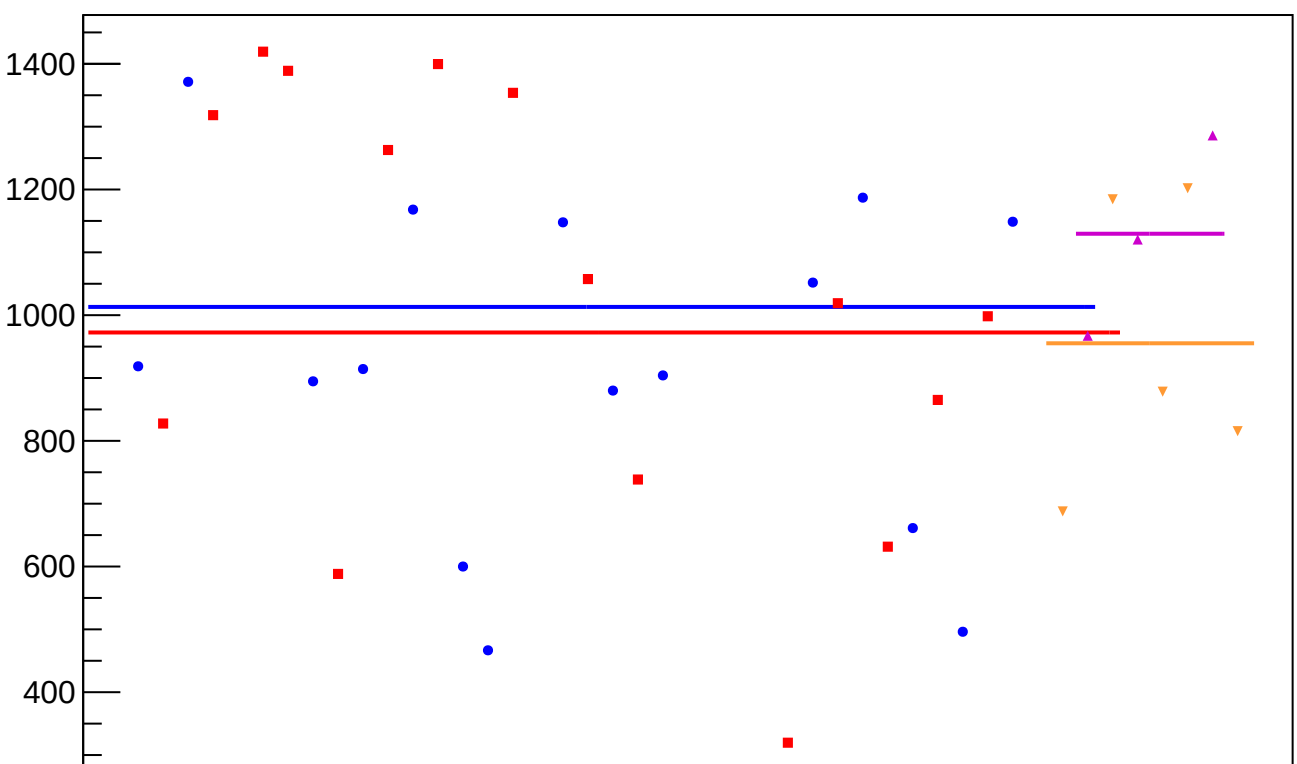
All: 3.384+/-0.000 χ^2/NDF: 4444106565260

Right Out: 3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

- sign 3.301+/-0.000 χ^2/NDF: 1442872745266657

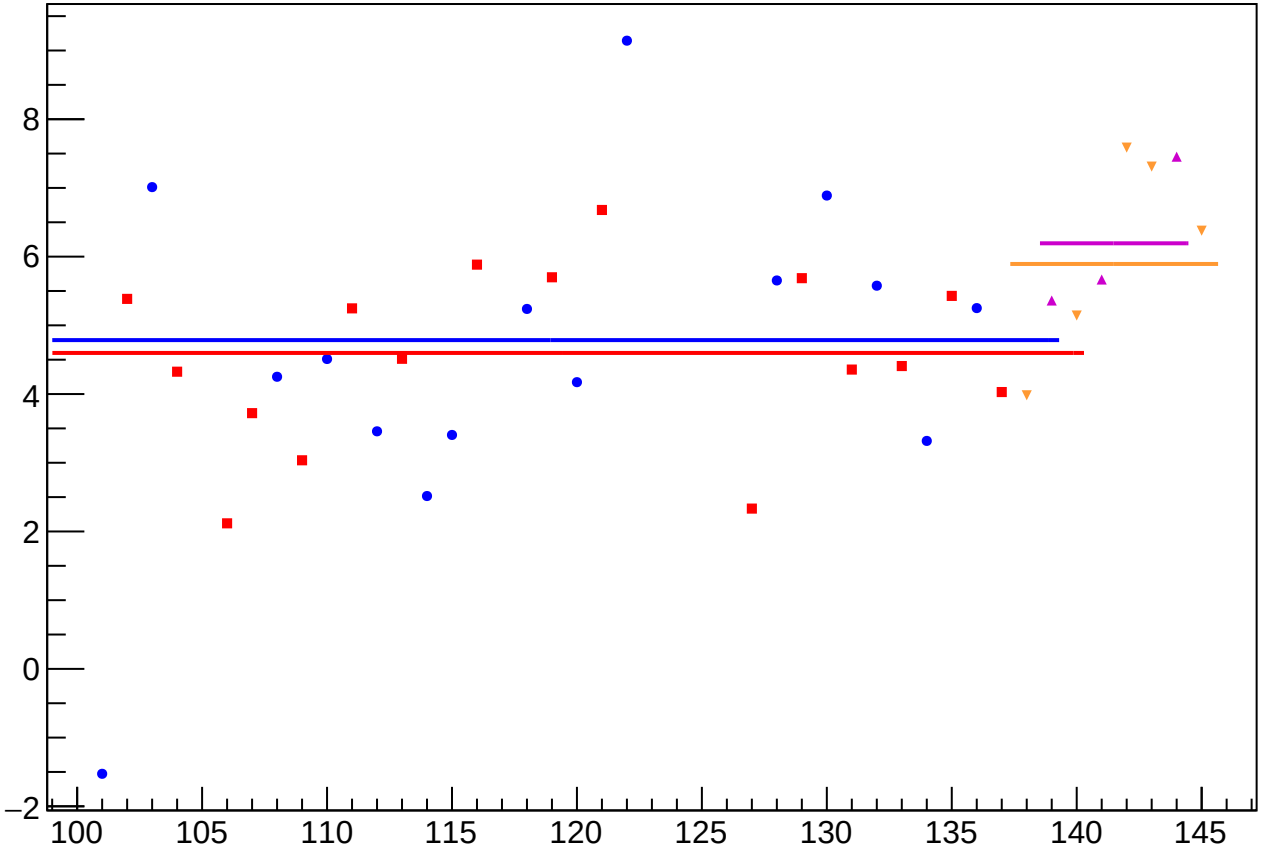
Left In: 2.188+/-0.000 χ^2/NDF:74556015808005089273799770112.0/2

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14

Left Out: 5.893+/-0.000 χ^2/NDF:615829559797201866448207685353472.0/4

Right Out: 4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832.0/15

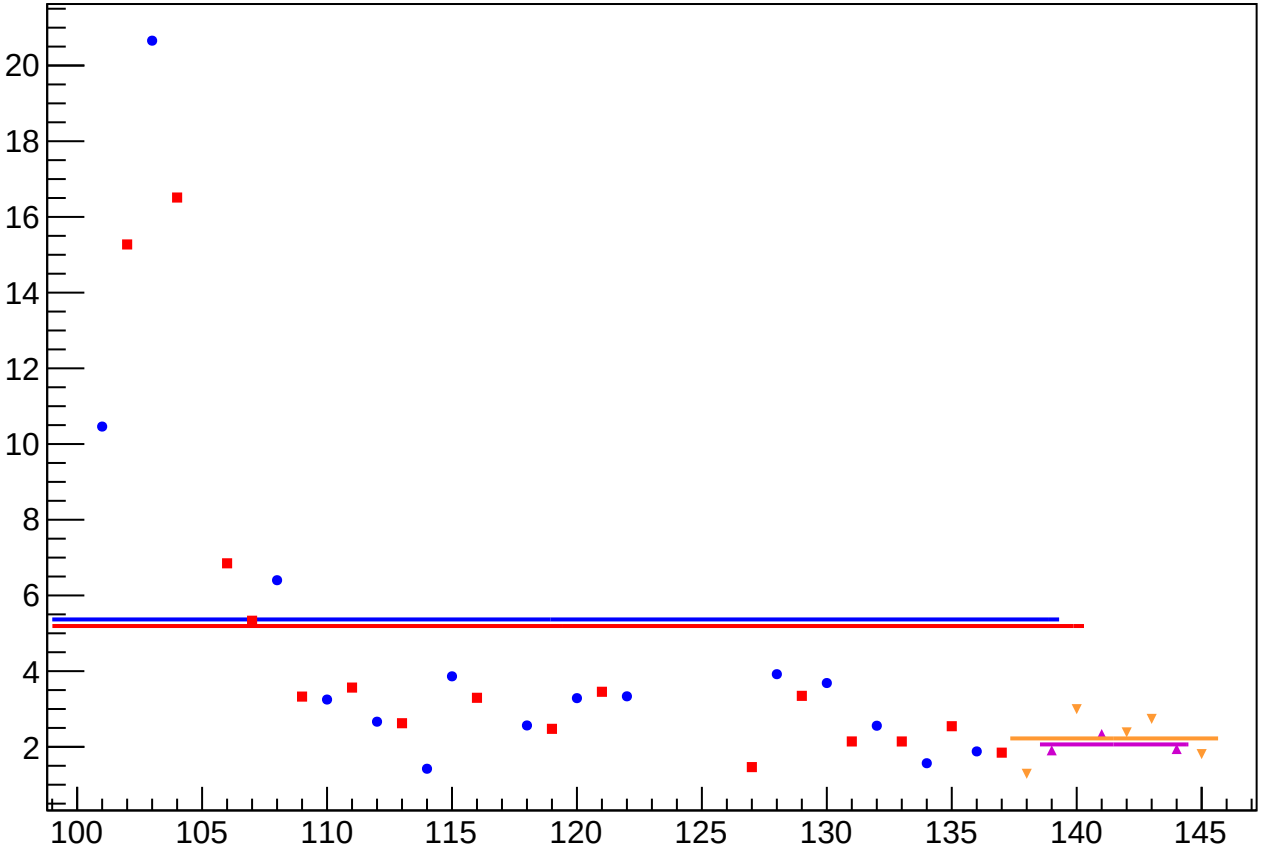
Left In: 6.194+/-0.000 χ^2/NDF:221204757307179606101012133183488.0/2

+ sign 5.174+/-0.000 χ^2/NDF: 4892164994471593 5

All: 5.110+/-0.000 χ^2/NDF: 6581319024694 2

- sign 5.040+/-0.000 χ^2/NDF: 1680480923765180 6

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

+ sign 4.263+/-0.000 χ^2/NDF: 2118109464175502 4

Left Out: 2.223+/-0.000 χ^2/NDF:1494670381644945272849229613629 44.0/4

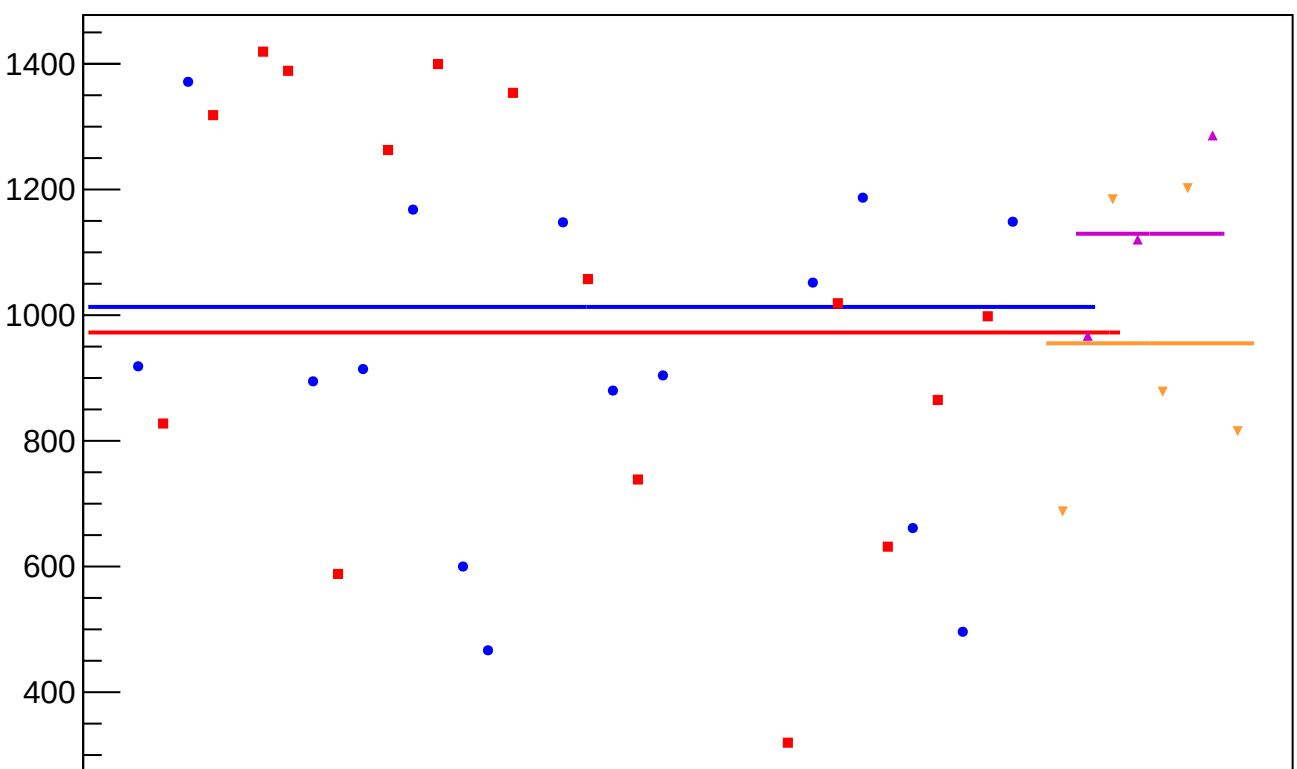
All: 4.294+/-0.000 χ^2/NDF: 3874719350330 4

Right Out: 5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

- sign 4.327+/-0.000 χ^2/NDF: 1756411184132408 8

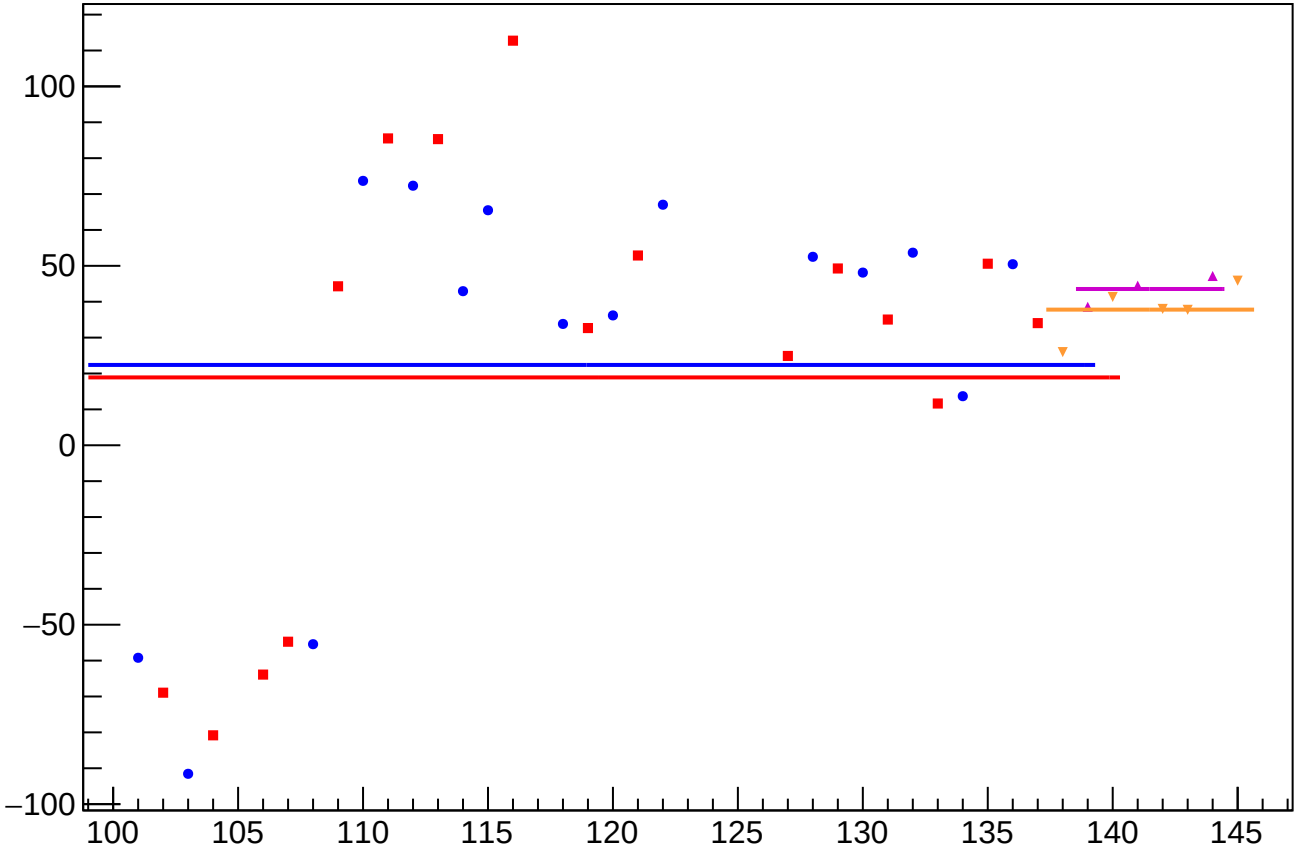
Left In: 2.064+/-0.000 χ^2/NDF:969695130292156616345683545292 8.0/2

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left Out: 955.265+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

Left Out: 37.798+/-0.000 χ^2/NDF:1703502176727085674808676212906393 6.0/4

Right Out: 18.907+/-0.000 χ^2/NDF: 218222180840815629359399399257783782 4.0/15

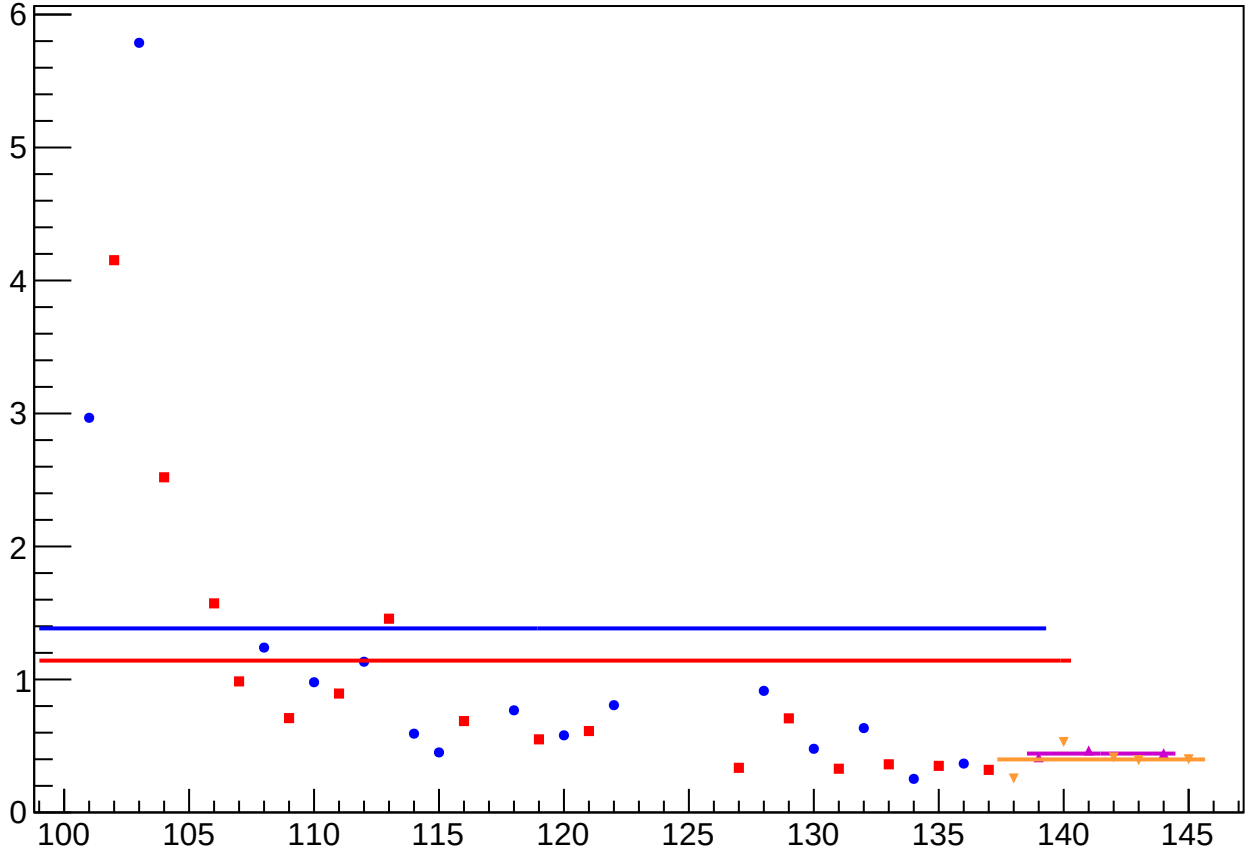
Left In: 43.547+/-0.000 χ^2/NDF:323525886393998685550984298496000 0.0/2

+ sign 27.795+/-0.000 χ^2/NDF: 199341308084366 5

All: 26.800+/-0.000 χ^2/NDF: 429292894495 8

- sign 25.722+/-0.000 χ^2/NDF: 229745495521748 6

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Left Out: 0.399+/-0.000 χ^2/NDF:302577935424615178203530526720 0.0/4

Right Out: 1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

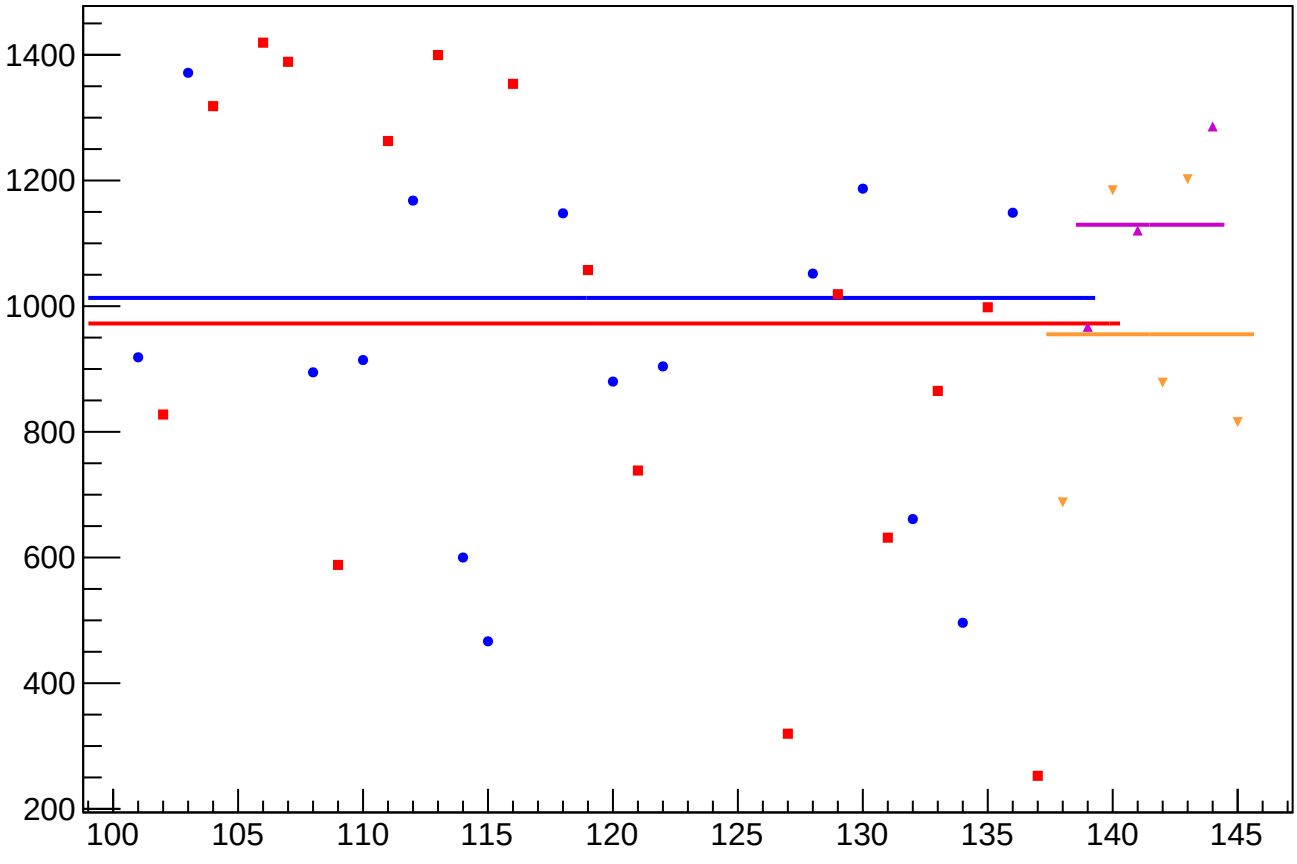
Left In: 0.443+/-0.000 χ^2/NDF:110172673139444850799564292096.0/2

+ sign 1.038+/-0.000 χ^2/NDF: 1795321864405868 4

All: 0.995+/-0.000 χ^2/NDF: 2700105872445 6

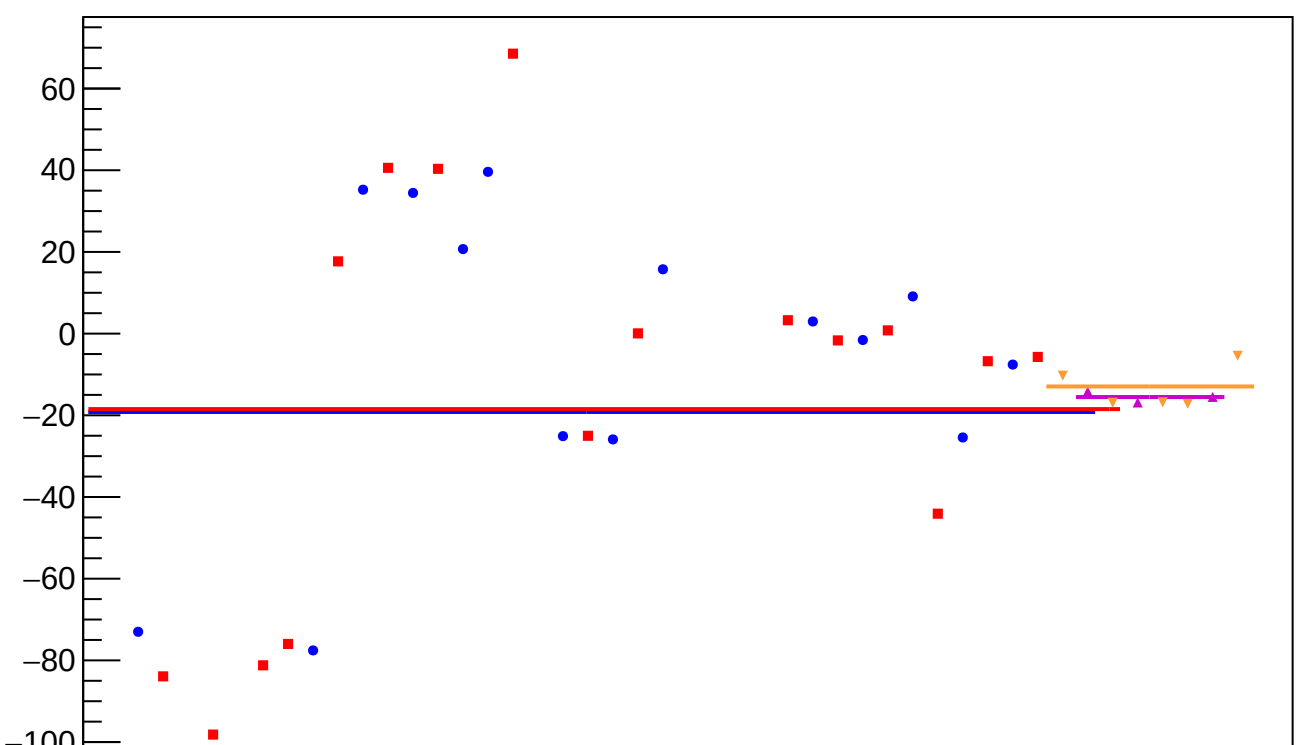
- sign 0.948+/-0.000 χ^2/NDF: 90092811688400713

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

+ sign -16.986+/-0.000 χ^2/NDF: 126339886707609

Left Out: -12.938+/-0.000 χ^2/NDF:817278972846072254374874374786659840.0/4

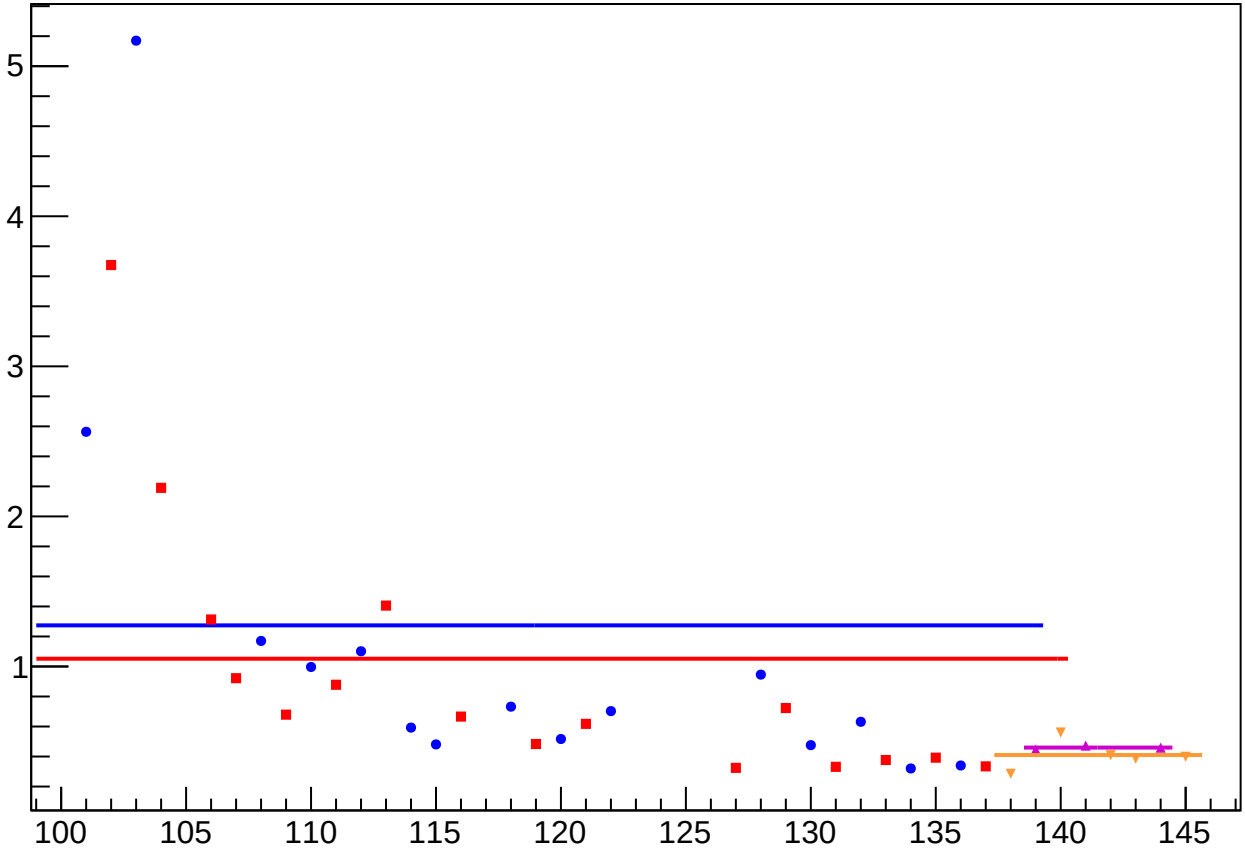
All: -17.311+/-0.000 χ^2/NDF: 275492009521

Right Out: -18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

- sign -17.662+/-0.000 χ^2/NDF: 1491301686387394

Left In: -15.527+/-0.000 χ^2/NDF:2955360794106467089672573949050 88.0/2

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.410+/-0.000 χ^2/NDF:3112694920105774092064282116096.0/4

Right Out: 1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

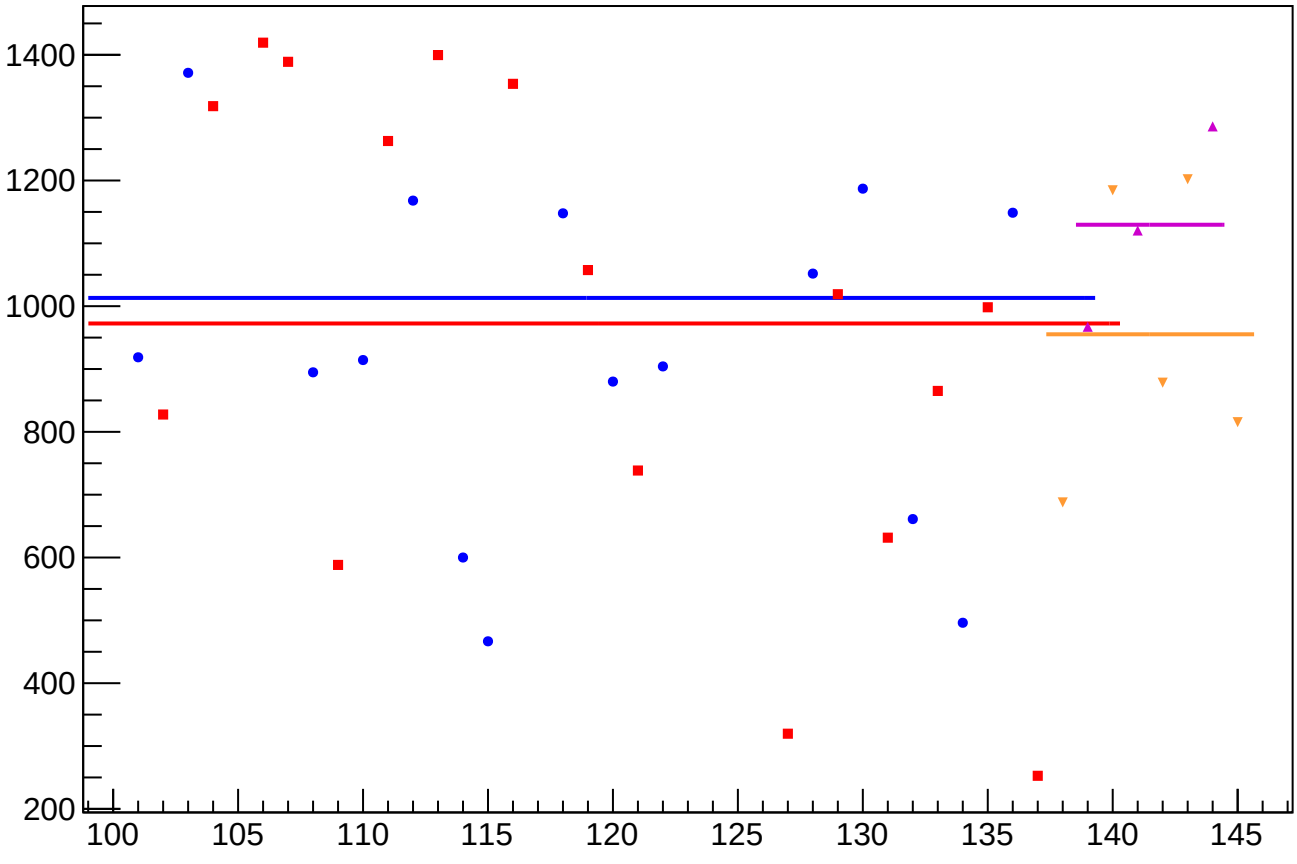
Left In: 0.460+/-0.000 χ^2/NDF:2872005031707400581720676761 6.0/2

+ sign 0.971+/-0.000 χ^2/NDF: 1385170061171249 8

All: 0.931+/-0.000 χ^2/NDF: 2060475413995 8

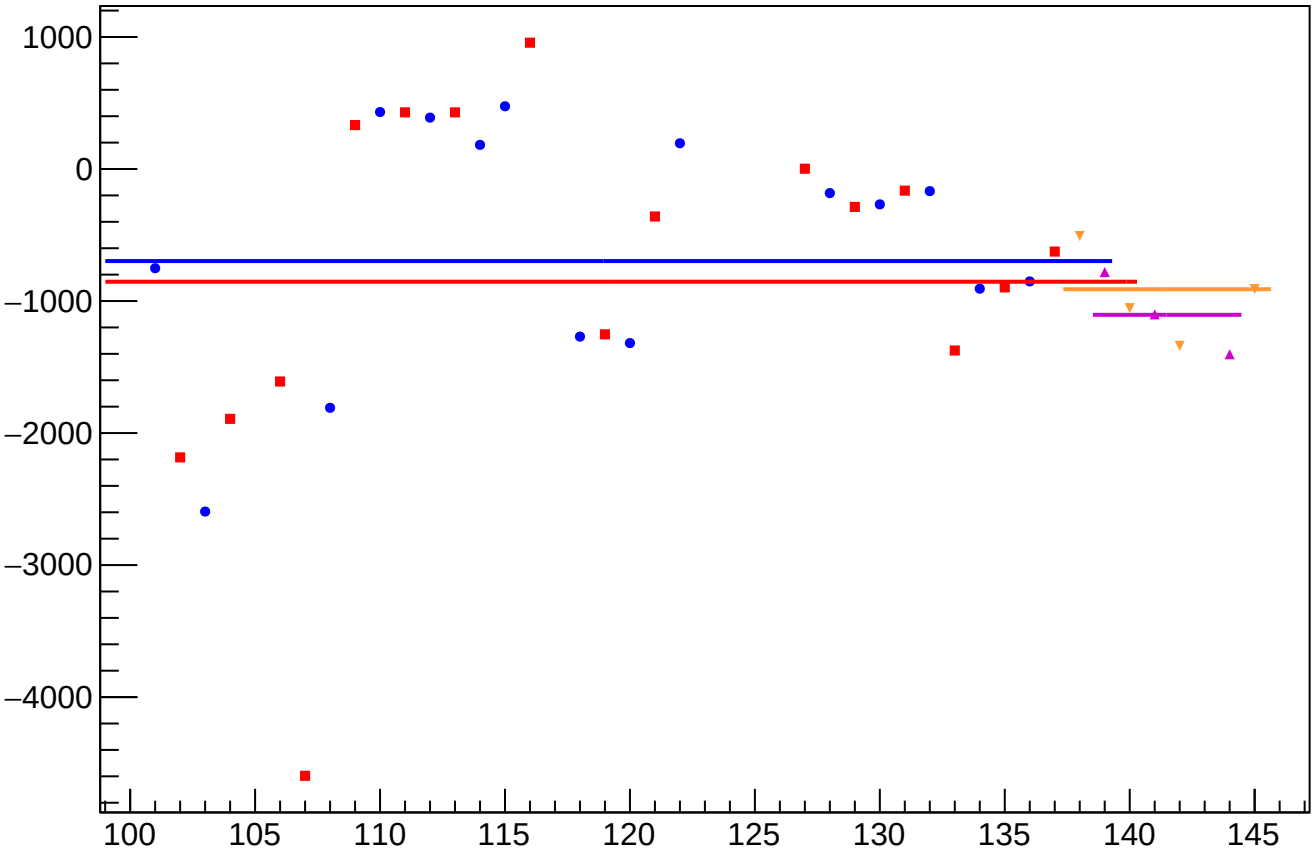
- sign 0.888+/-0.000 χ^2/NDF: 67202623192580103

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14

+ sign -762.182+/-0.000 χ^2/NDF: 52223609847554

Left Out: -910.490+/-0.000 χ^2/NDF:228201280915341368518694913899893882 88.0/3

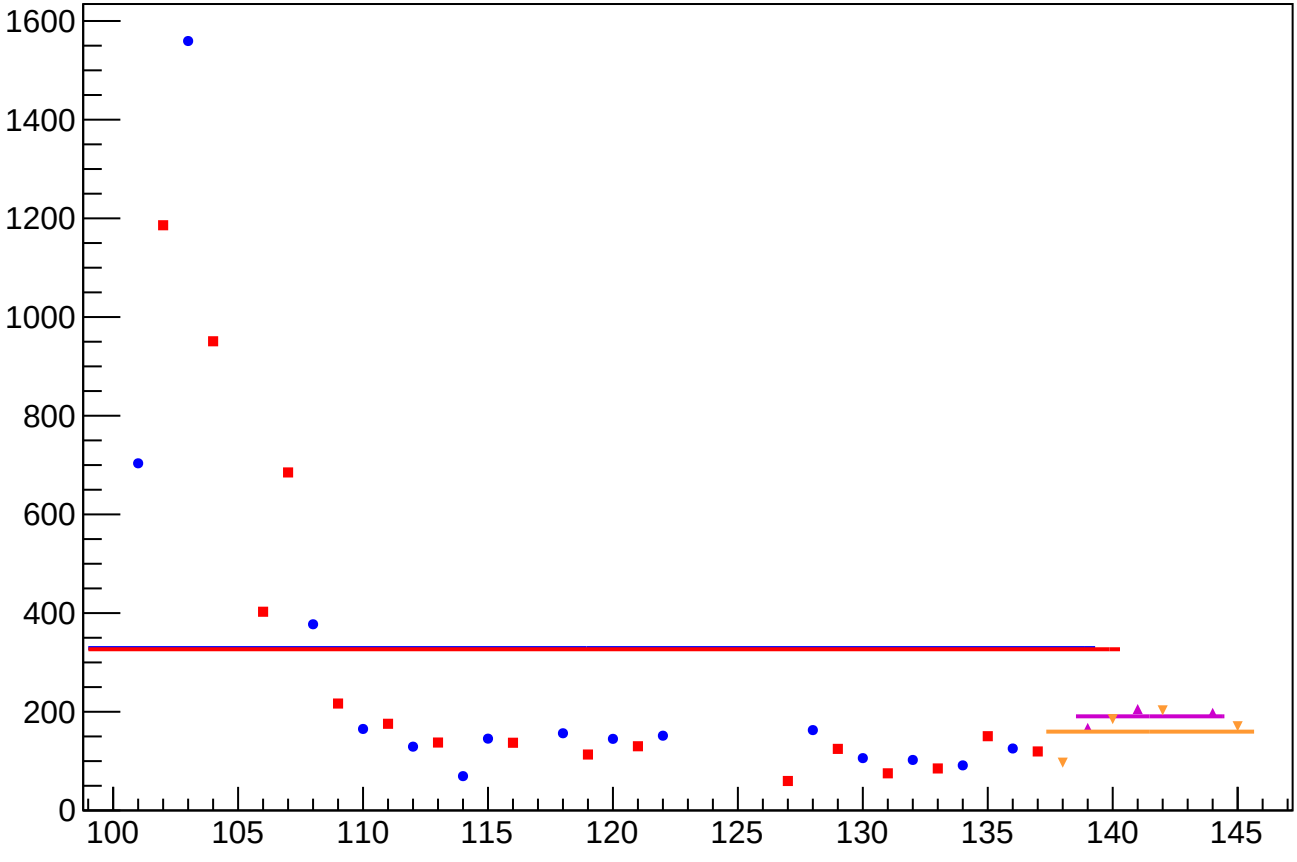
All: -842.148+/-0.000 χ^2/NDF: 16406488574

Right Out: -853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15

- sign -923.068+/-0.000 χ^2/NDF: 110640921736224

Left Out: -1104.427+/-0.000 χ^2/NDF:164365566750276480856001101960189050 88.0/2

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

+ sign 277.559+/-0.000 χ^2/NDF: 122985306508730

Left Out: 159.758+/-0.000 χ^2/NDF:455784408933815277867905433064177664.0/3

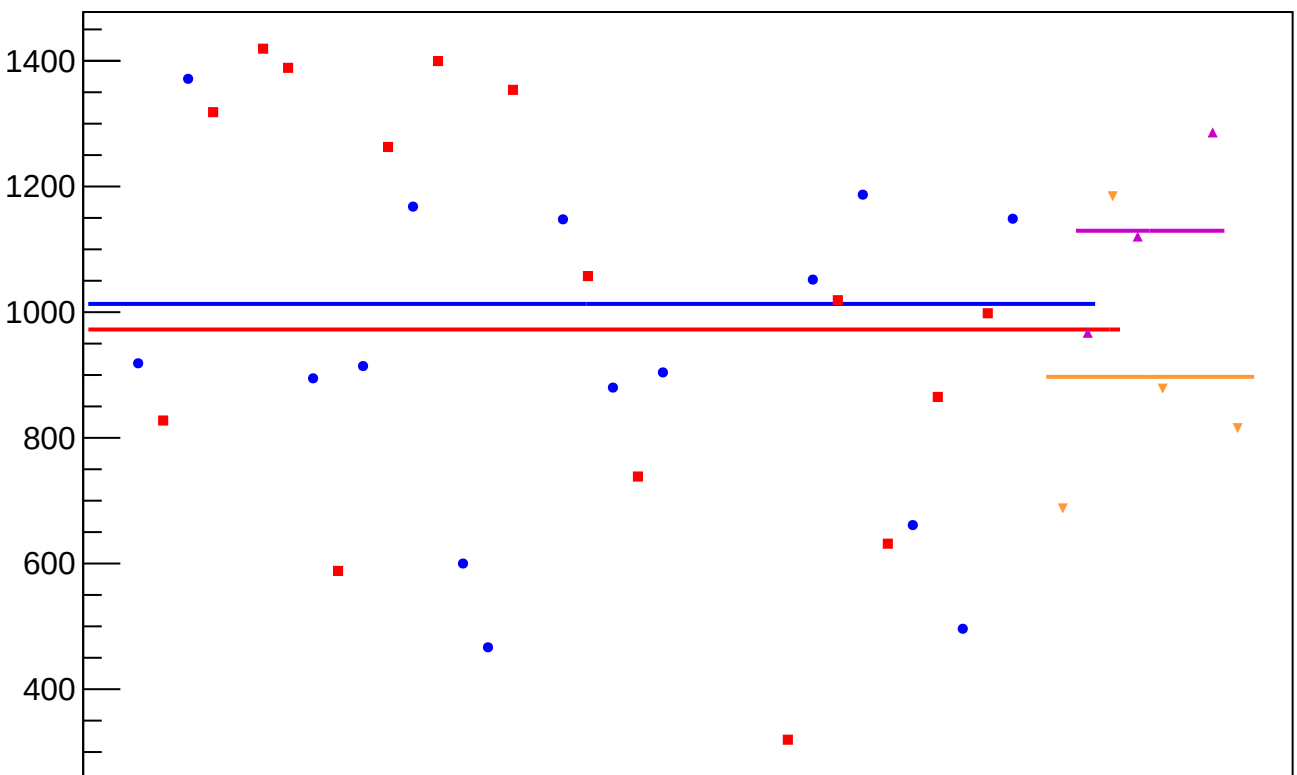
All: 283.295+/-0.000 χ^2/NDF: 21409220058

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

- sign 289.100+/-0.000 χ^2/NDF: 910451235008719

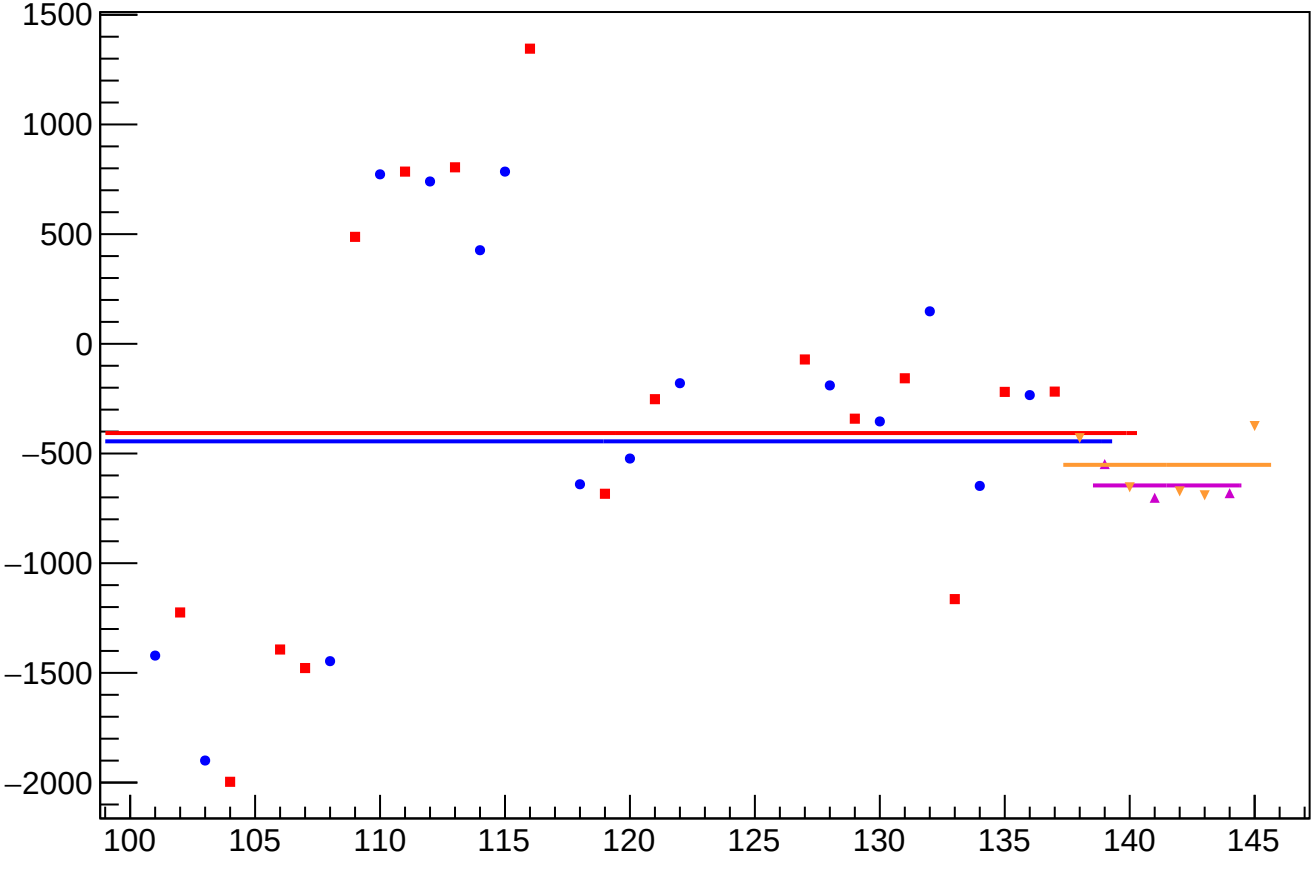
Left In: 190.764+/-0.000 χ^2/NDF:674638194276032648759723002083409 92.0/2

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 977.810+/-0.000 χ^2/NDF: 451098960498021
Left Out: 897.060+/-0.000 χ^2/NDF:1072639879544329359993209850108575744 0.0/3
All: 996.754+/-0.000 χ^2/NDF: 13354496462 7
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 87761420779308
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14

Left Out: -551.655+/-0.000 χ^2/NDF:641924176390942280888195151236484300 8.0/4

Right Out: -406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15

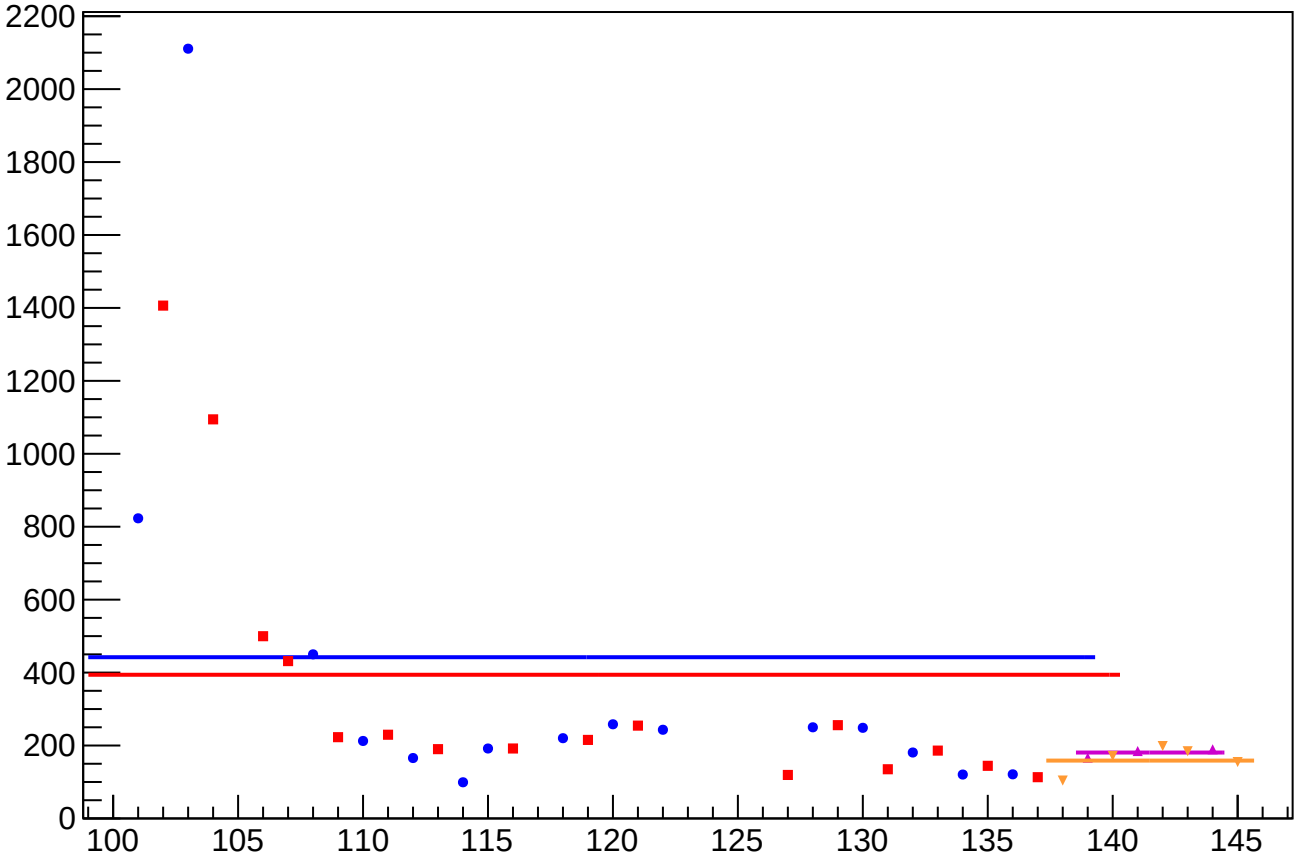
Left In: -645.535+/-0.000 χ^2/NDF:114698128159748580734338338347234099 2.0/2

+ sign -482.119+/-0.000 χ^2/NDF: 40551620823849

All: -477.637+/-0.000 χ^2/NDF: 9463476865 2

- sign -472.776+/-0.000 χ^2/NDF: 5407896053736 11

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

+ sign 342.667+/-0.000 χ^2/NDF: 222684906219117

Left Out: 158.700+/-0.000 χ^2/NDF:365123197872460366620571513695240192.0/4

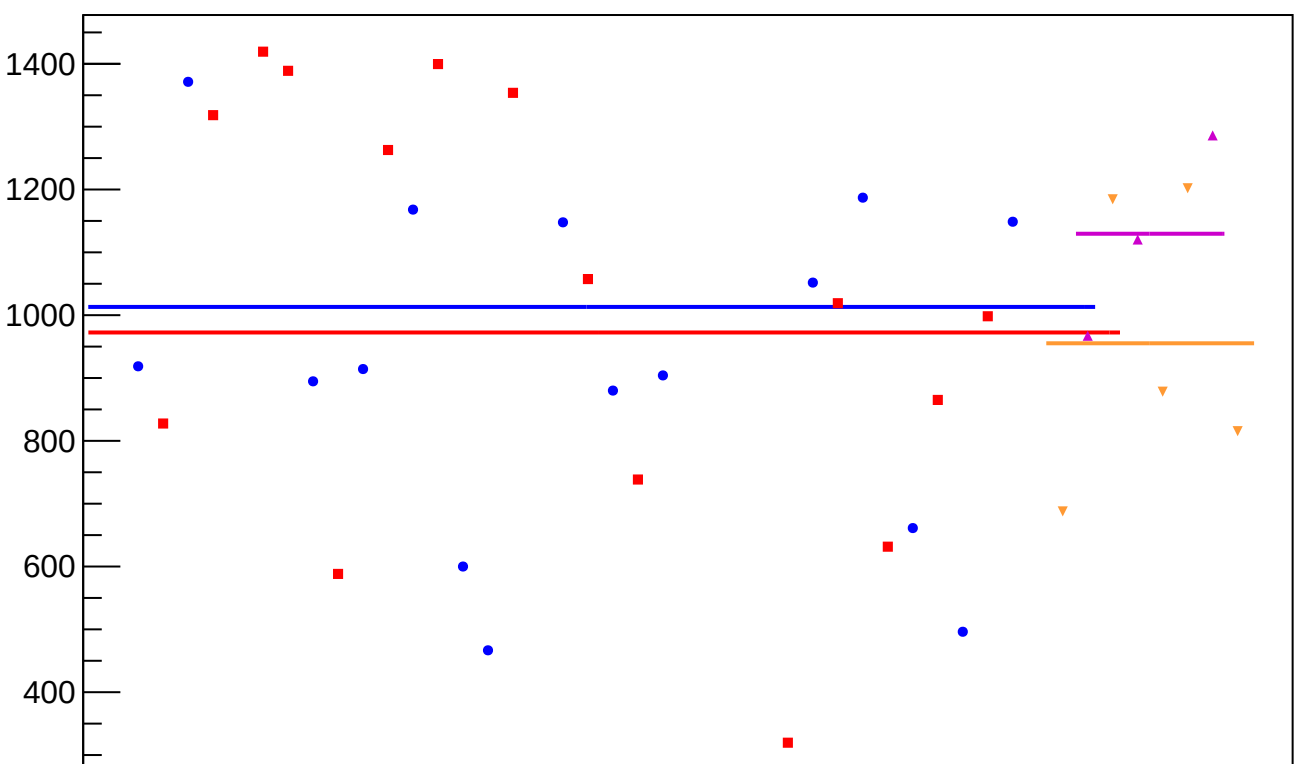
All: 339.014+/-0.000 χ^2/NDF: 337009853951

Right Out: 394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

- sign 335.052+/-0.000 χ^2/NDF: 114297130102564

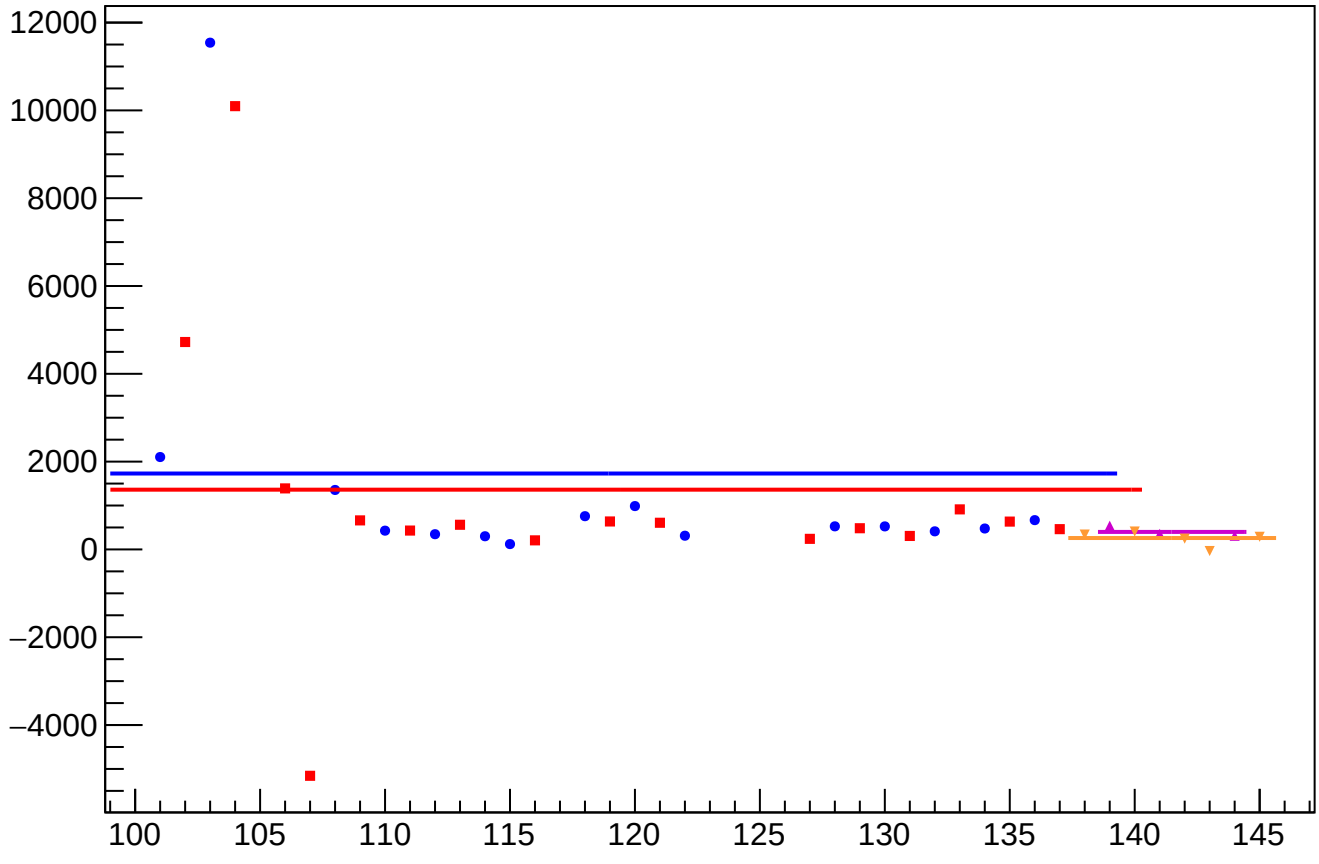
Left In: 180.775+/-0.000 χ^2/NDF:247763775618645125118528322409594 88.0/2

dit_usr_coil6_Ndata_mean vs Slug



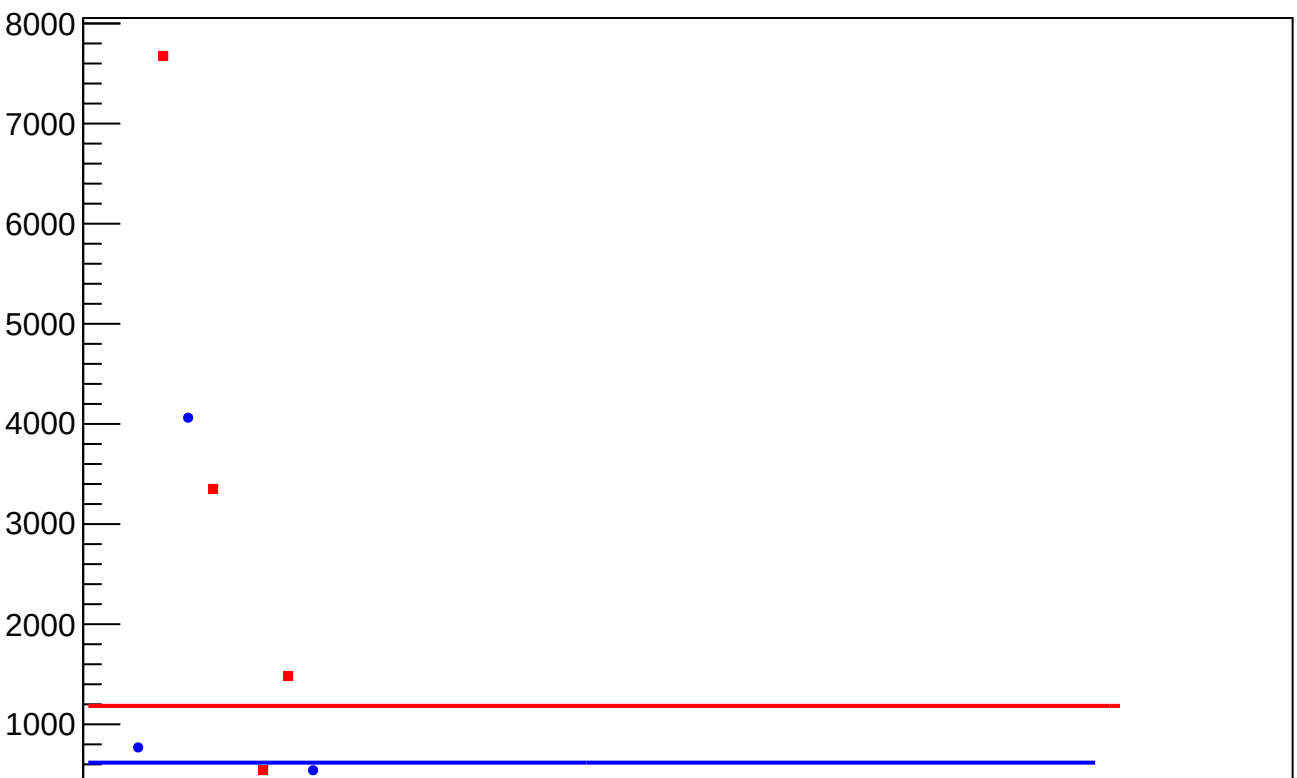
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
+ sign 1213.275+/-0.000 χ^2/NDF: 6913162321073
Left Out: 259.673+/-0.000 χ^2/NDF:8231601593966653487894297998109179904.0/4
All: 1156.435+/-0.000 χ^2/NDF: 1352477669
Right Out: 1360.914+/-0.000 χ^2/NDF: 6431605933148863413038417850186506174464.0/15
- sign 1094.786+/-0.000 χ^2/NDF: 66048794629575
Left In: 398.680+/-0.000 χ^2/NDF:2470234444158006634507417512285569024.0/2

dit_atl1_coil6_err_mean vs Slug



Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14

+ sign 455.253+/-0.000 χ^2/NDF: 841451582152205

Left Out: 155.547+/-0.000 χ^2/NDF:5060665489110315918098388364474449 92.0/4

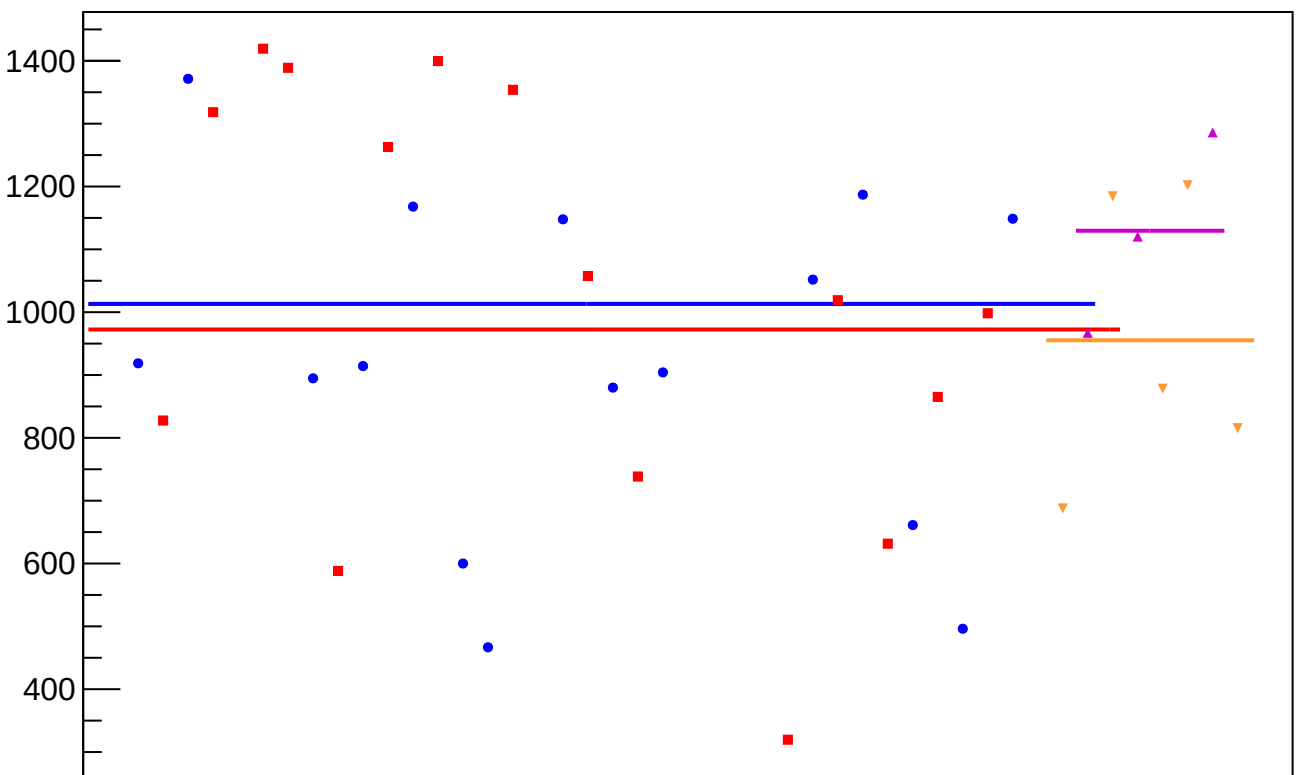
All: 672.000+/-0.000 χ^2/NDF: 429229758112

Right Out: 1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

- sign 907.083+/-0.000 χ^2/NDF: 335291292855630

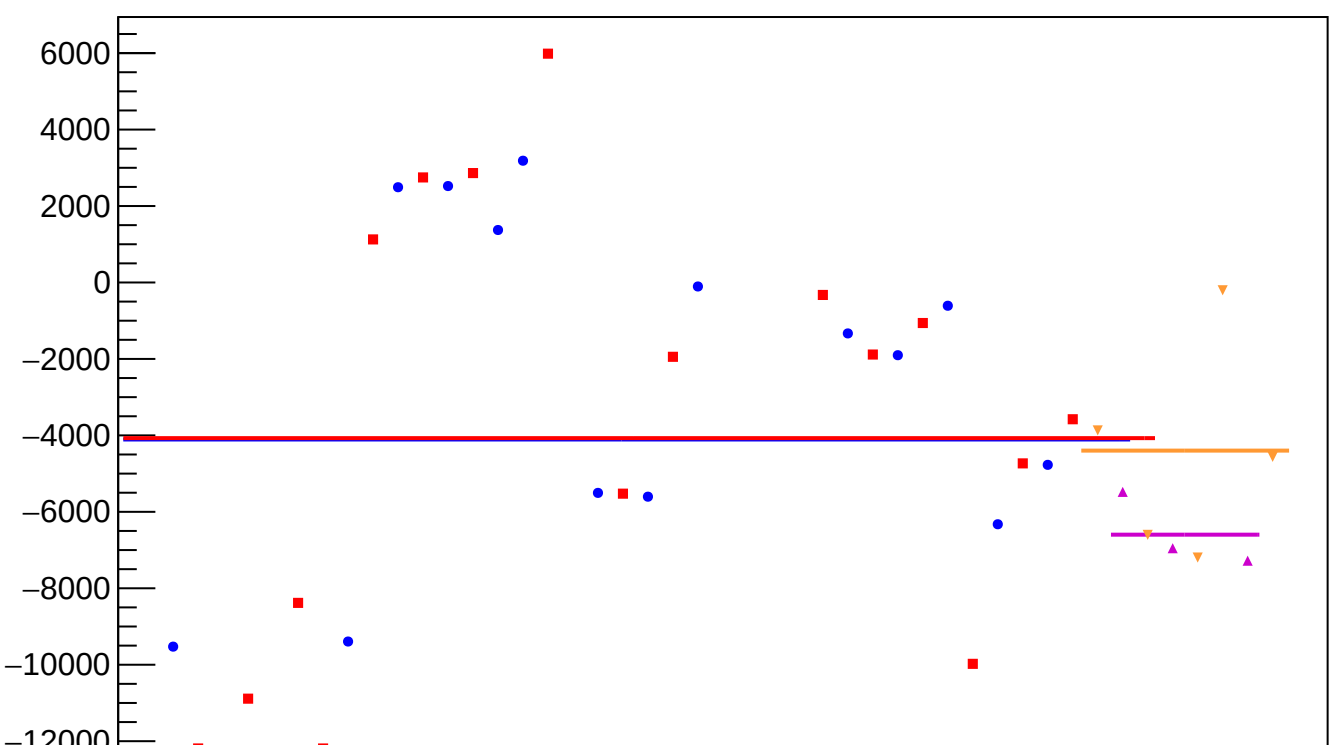
Left In: 181.915+/-0.000 χ^2/NDF:1270492716896243731720450953938206 72.0/2

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

+ sign -4209.529+/-0.000 χ^2/NDF: 1650757306511

Left Out: -4398.286+/-0.000 χ^2/NDF:196086735320064336436380944737022613913 6.0/4

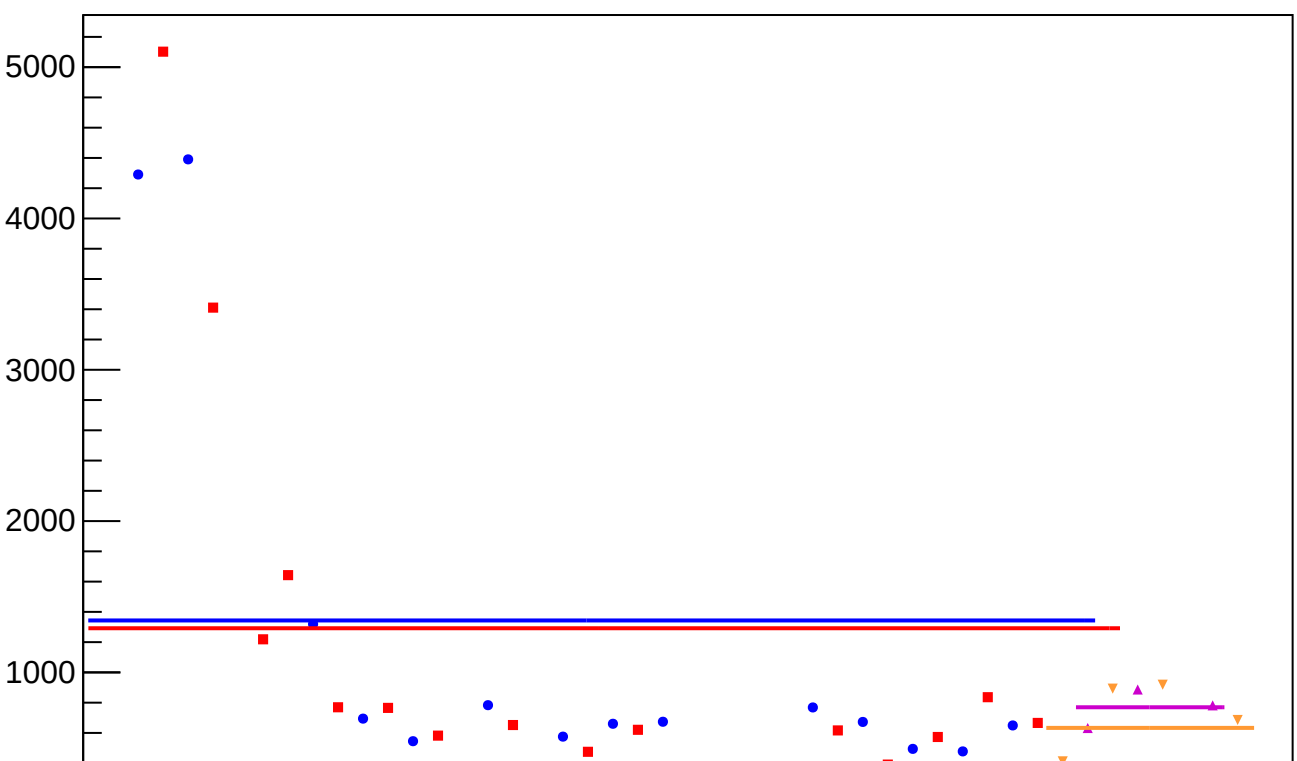
All: -4478.666+/-0.000 χ^2/NDF: 3835573224

Right Out: -4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994 1504.0/15

- sign -4770.572+/-0.000 χ^2/NDF: 2169716144759 2

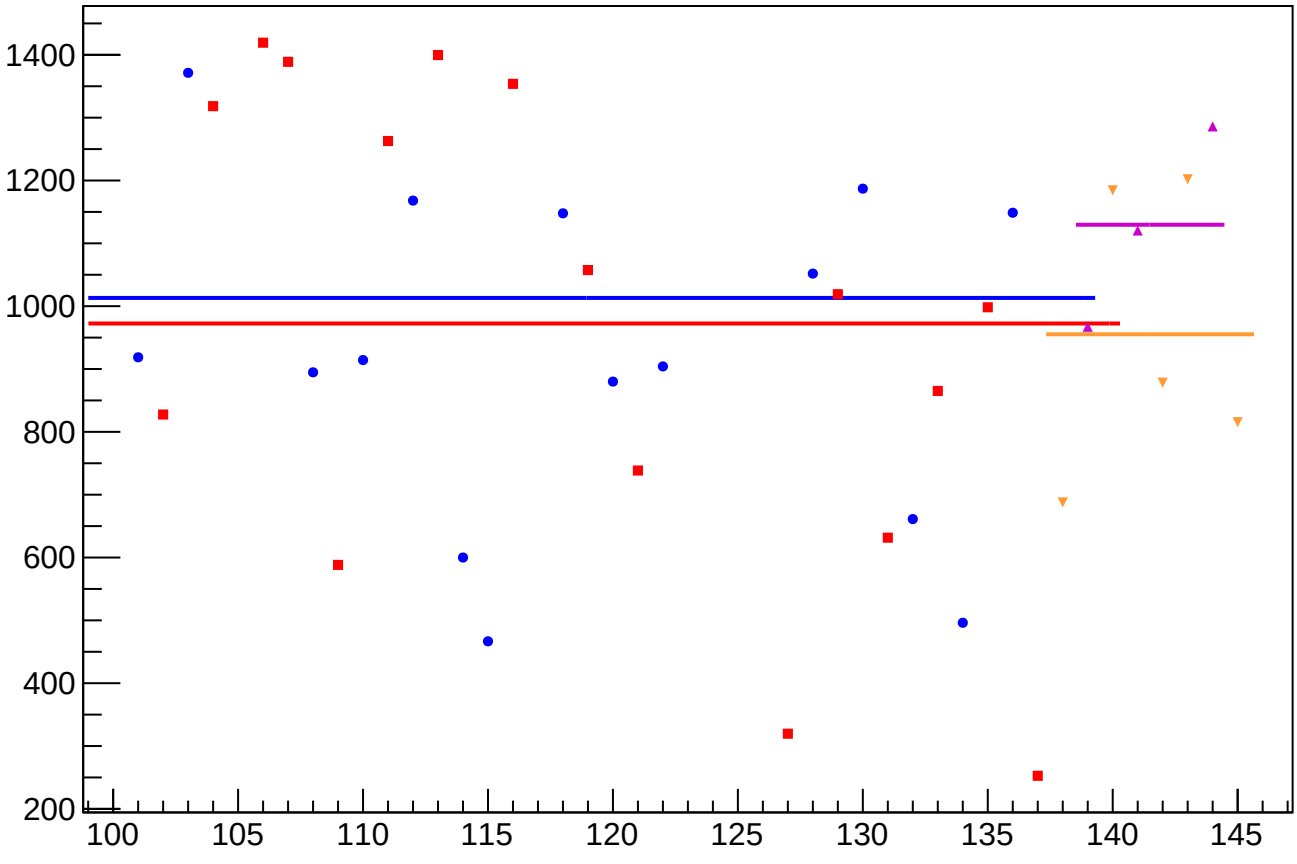
Left In: -6597.505+/-0.000 χ^2/NDF:153494296879791765949353558577432756224.0/2

dit_atl2_coil6_err_mean vs Slug



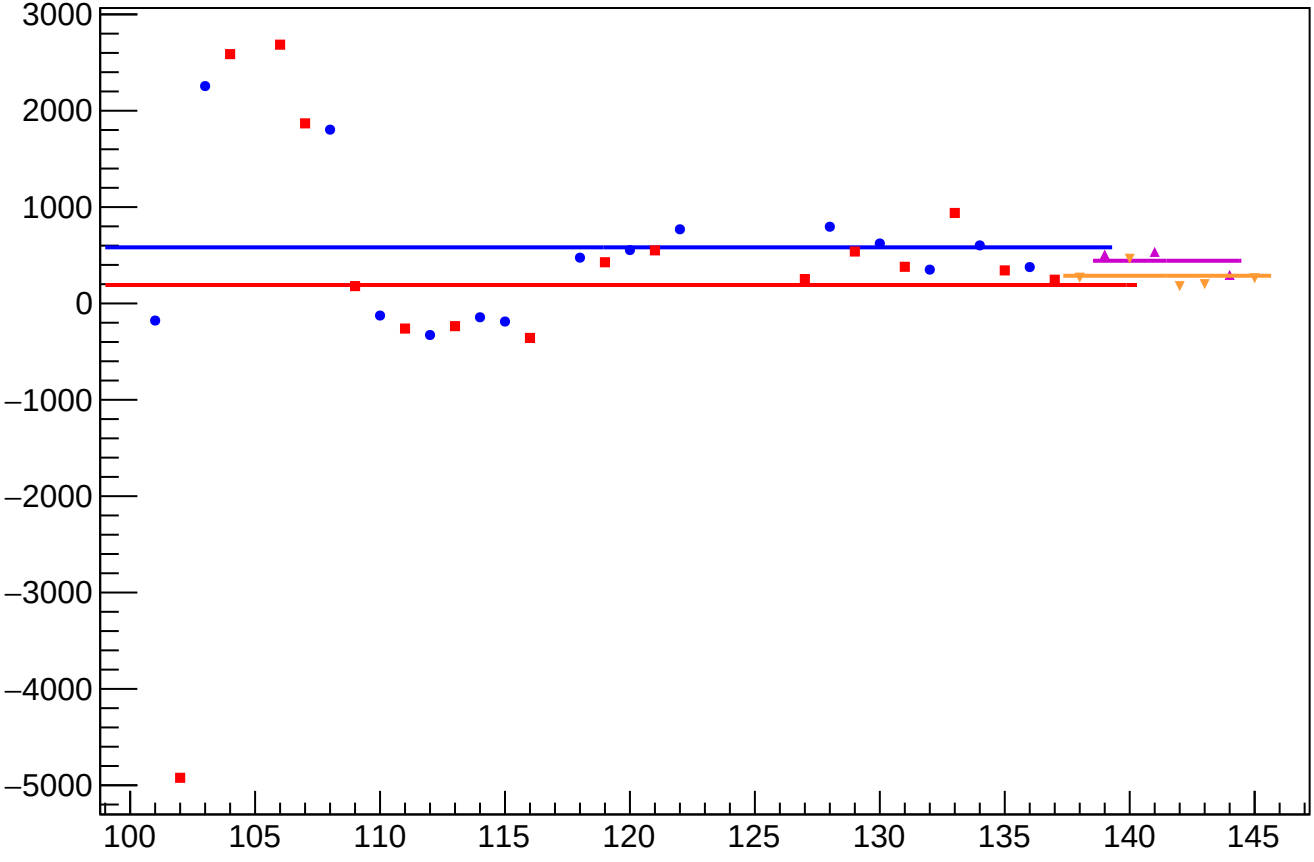
Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14
+ sign 1094.096+/-0.000 χ^2/NDF: 1452345143167
Left Out: 633.278+/-0.000 χ^2/NDF:2001950132347337608989369029831426048 0.0/4
All: 1119.647+/-0.000 χ^2/NDF: 2830295491
Right Out: 1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15
- sign 1147.360+/-0.000 χ^2/NDF: 13765898600816
Left In: 769.558+/-0.000 χ^2/NDF:2708862486246207789197284037506367488.0/2

dit_atl2_coil6_Ndata_mean vs Slug



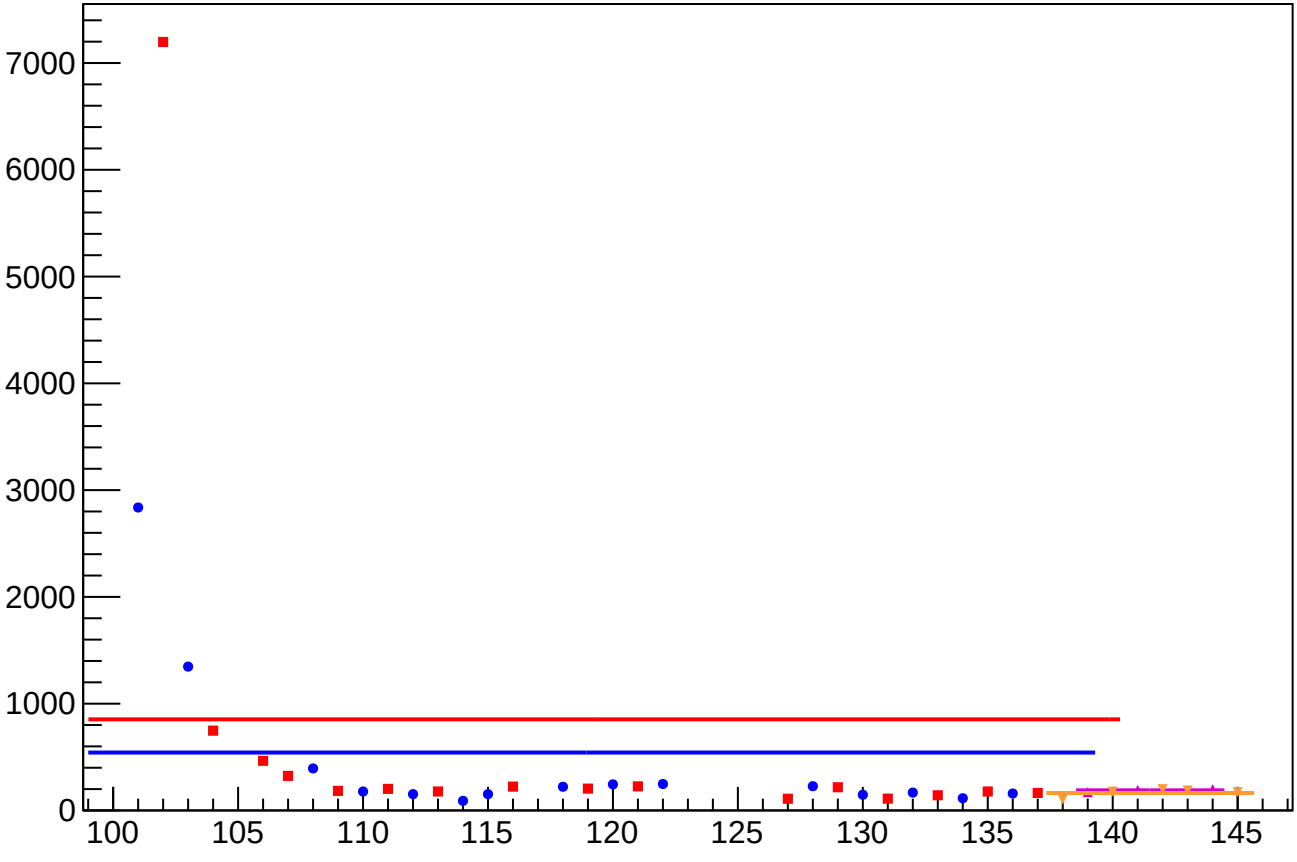
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_atr1_coil6_mean vs Slug



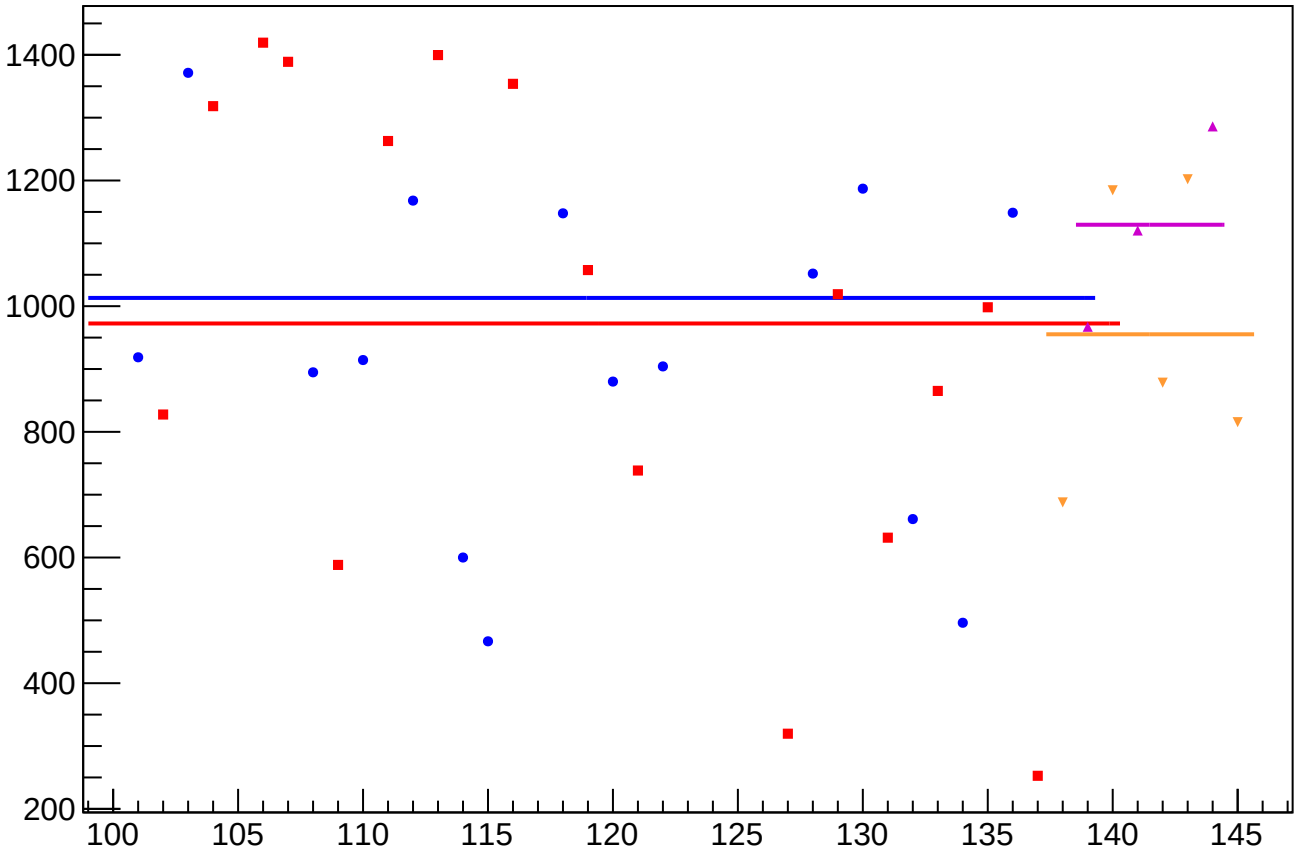
Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14
+ sign 478.879+/-0.000 χ^2/NDF: 362289390771706
Left Out: 287.486+/-0.000 χ^2/NDF:368161897662769609589130467553470054 4.0/4
All: 374.438+/-0.000 χ^2/NDF: 25684480005
Right Out: 191.587+/-0.000 χ^2/NDF: 216876212055234622341674300502071626 9568.0/15
- sign 261.162+/-0.000 χ^2/NDF: 218342008030996
Left In: 443.146+/-0.000 χ^2/NDF:298413442078879088155228311966554521 6.0/2

dit_atr1_coil6_err_mean vs Slug



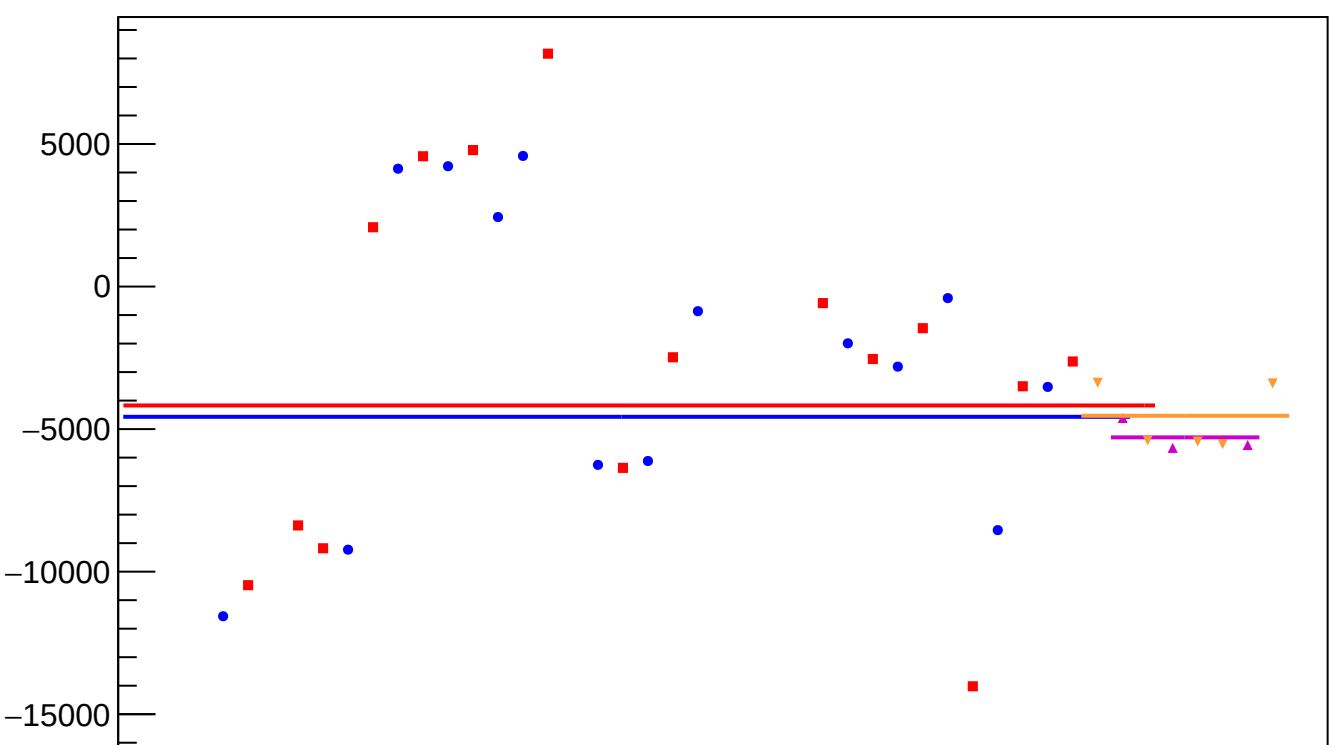
Right In: 542.328+/-0.000 χ^2/NDF: 41437881200379554964903404846281706700 8.0/14
+ sign 409.375+/-0.000 χ^2/NDF: 44745572300489 4
Left Out: 163.546+/-0.000 χ^2/NDF:39335803724649417946781082983386316 8.0/4
All: 534.062+/-0.000 χ^2/NDF: 31355408611 5
Right Out: 853.203+/-0.000 χ^2/NDF: 25740763814410467877724491371339170447 36.0/15
- sign 669.298+/-0.000 χ^2/NDF: 26556761032121 0
Left In: 188.260+/-0.000 χ^2/NDF:34554565144422949382528334770995200.0/2

dit_atr1_coil6_Ndata_mean vs Slug



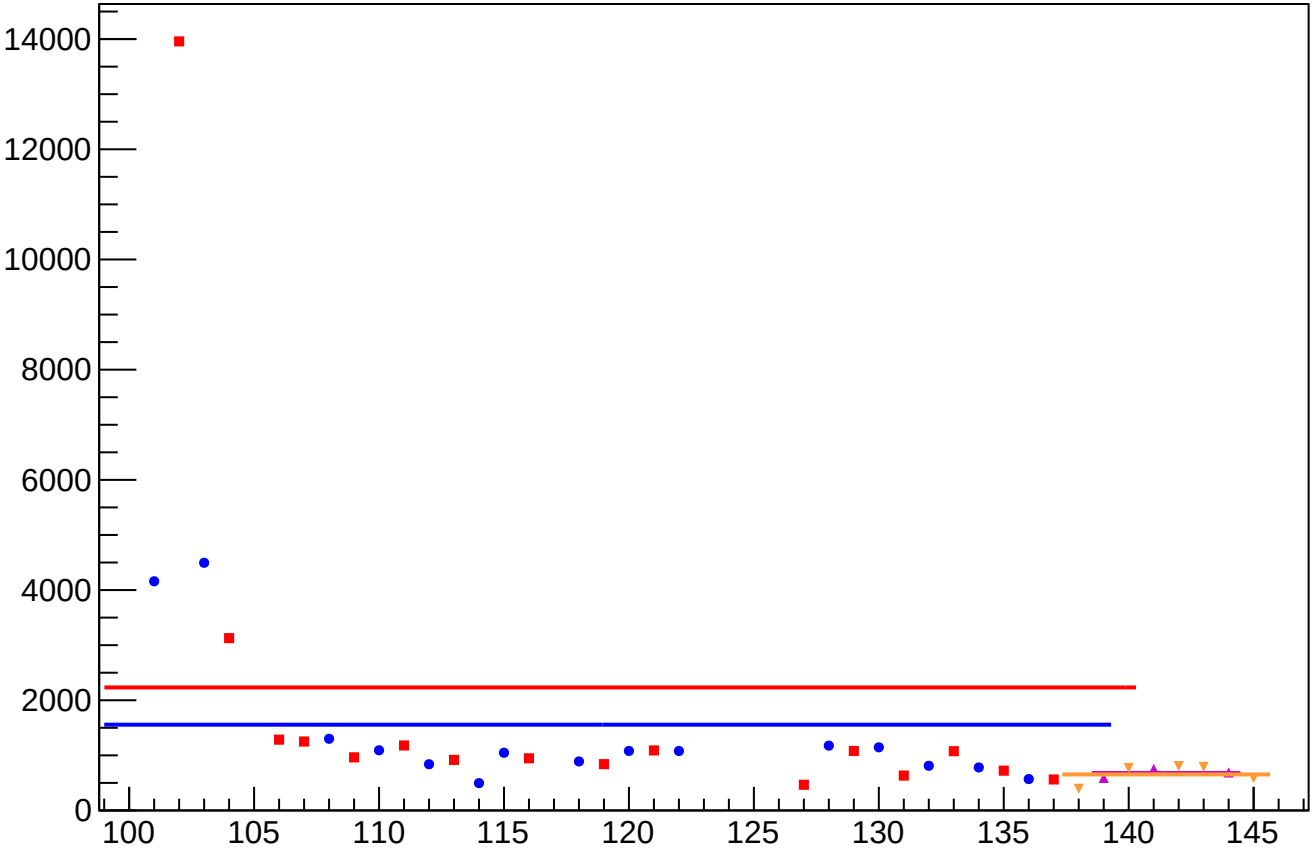
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_atr2_coil6_mean vs Slug



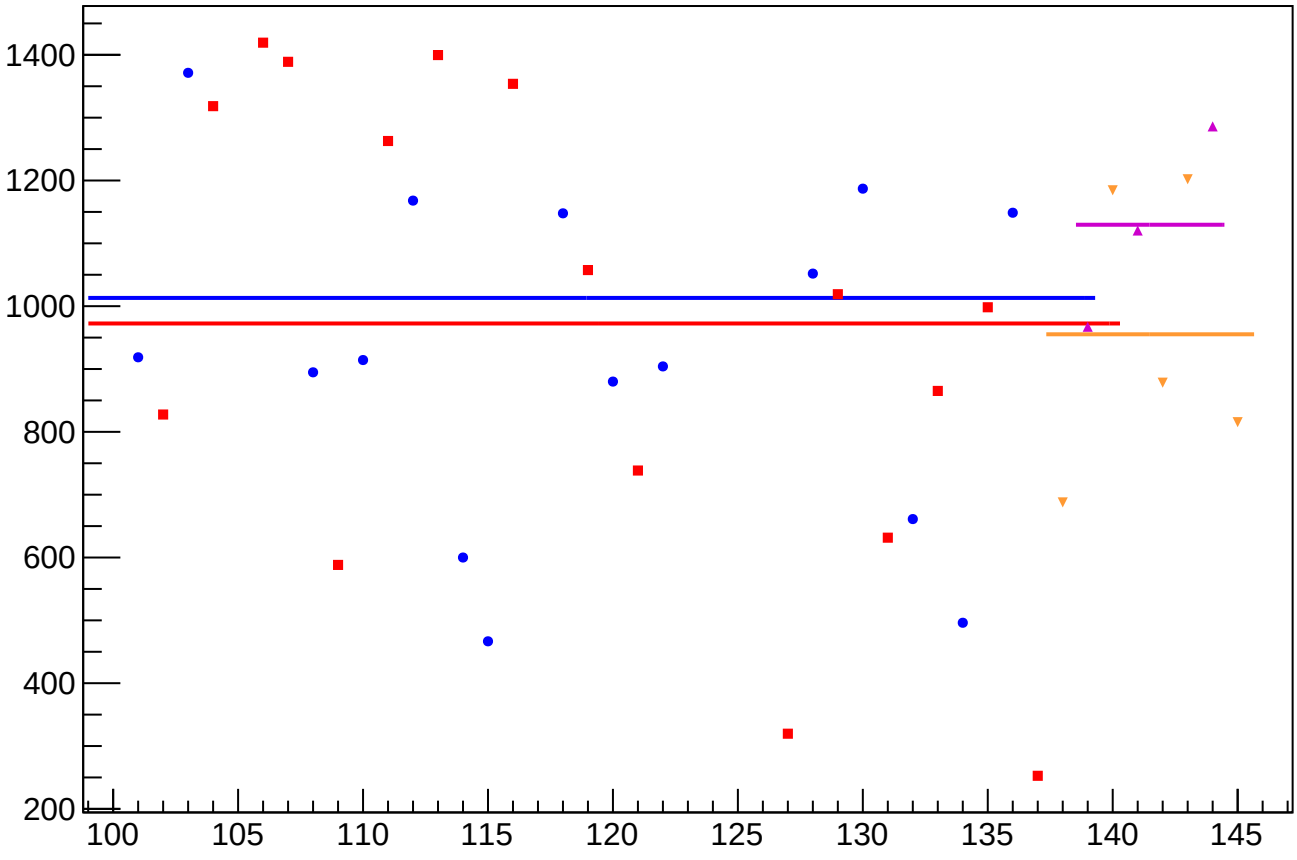
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
+ sign -4555.758+/-0.000 χ^2/NDF: 2456551259954
Left Out: -4532.575+/-0.000 χ^2/NDF:3701697664654815733808596231264109854 72.0/4
All: -4519.623+/-0.000 χ^2/NDF: 5582205688
Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302 4128.0/15
- sign -4480.430+/-0.000 χ^2/NDF: 3125382226159 0
Left In: -5290.398+/-0.000 χ^2/NDF:5532418744988733050169560819570835 4560.0/2

dit_atr2_coil6_err_mean vs Slug



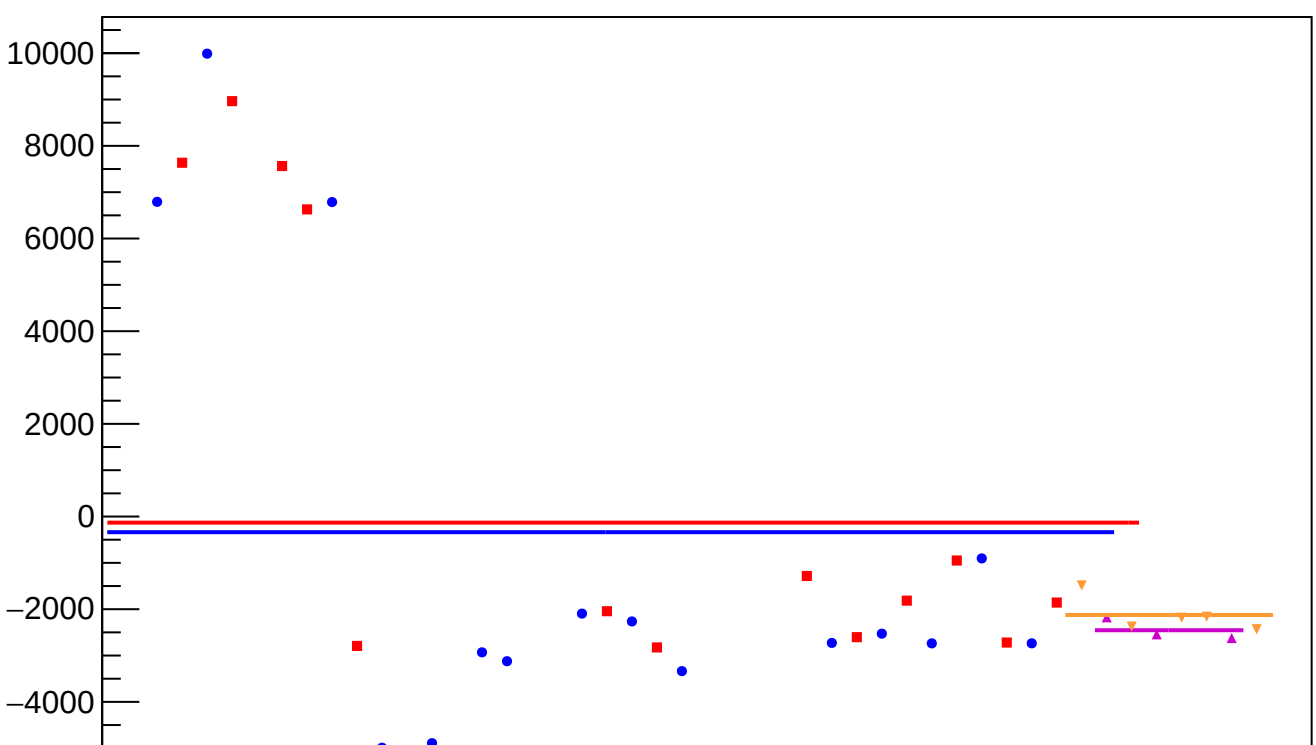
Right In: 1556.763+/-0.000 χ^2/NDF: 113936423921860056719185513175693079347 2.0/14
+ sign 1239.872+/-0.000 χ^2/NDF: 1334061380939 2
Left Out: 653.940+/-0.000 χ^2/NDF:902055626064783107466583261117100851 2.0/4
All: 1510.036+/-0.000 χ^2/NDF: 109225316 13
Right Out: 2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233 2928.0/15
- sign 1803.055+/-0.000 χ^2/NDF: 94363186448122
Left In: 679.710+/-0.000 χ^2/NDF:111564147938092556689503330792112128 0.0/2

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

+ sign -965.074+/-0.000 χ^2/NDF: 15924403615478

Left Out: -2124.786+/-0.000 χ^2/NDF:4450528324437801990318912287807216025 6.0/4

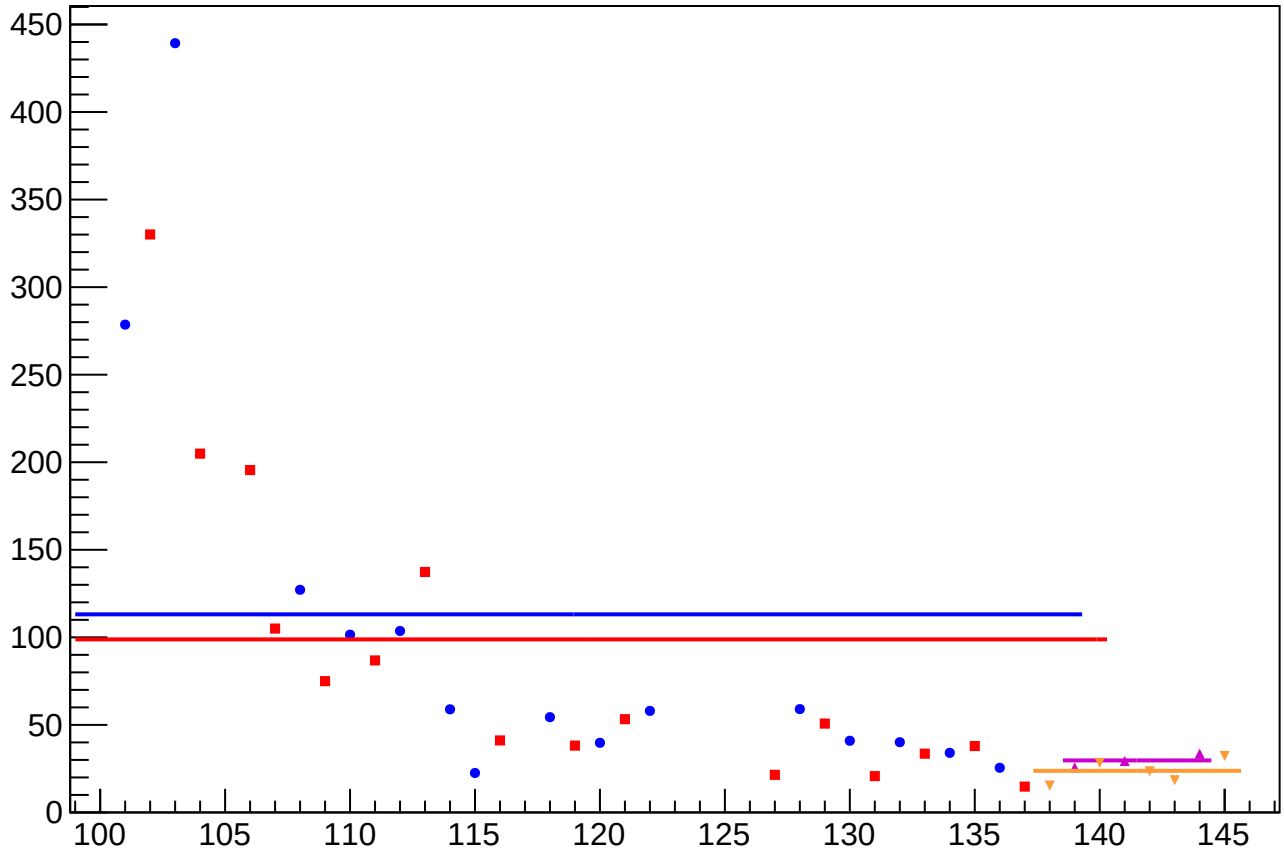
All: -873.332+/-0.000 χ^2/NDF: 3341951789 0

Right Out: -131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206 8224.0/15

- sign -773.829+/-0.000 χ^2/NDF: 174775689819223

Left In: -2453.840+/-0.000 χ^2/NDF:947336818170675509659120069188255744 0.0/2

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

+ sign 81.768+/-0.000 χ^2/NDF: 1182342332509435

Left Out: 23.774+/-0.000 χ^2/NDF:1476604681041299491215452498873548 8.0/4

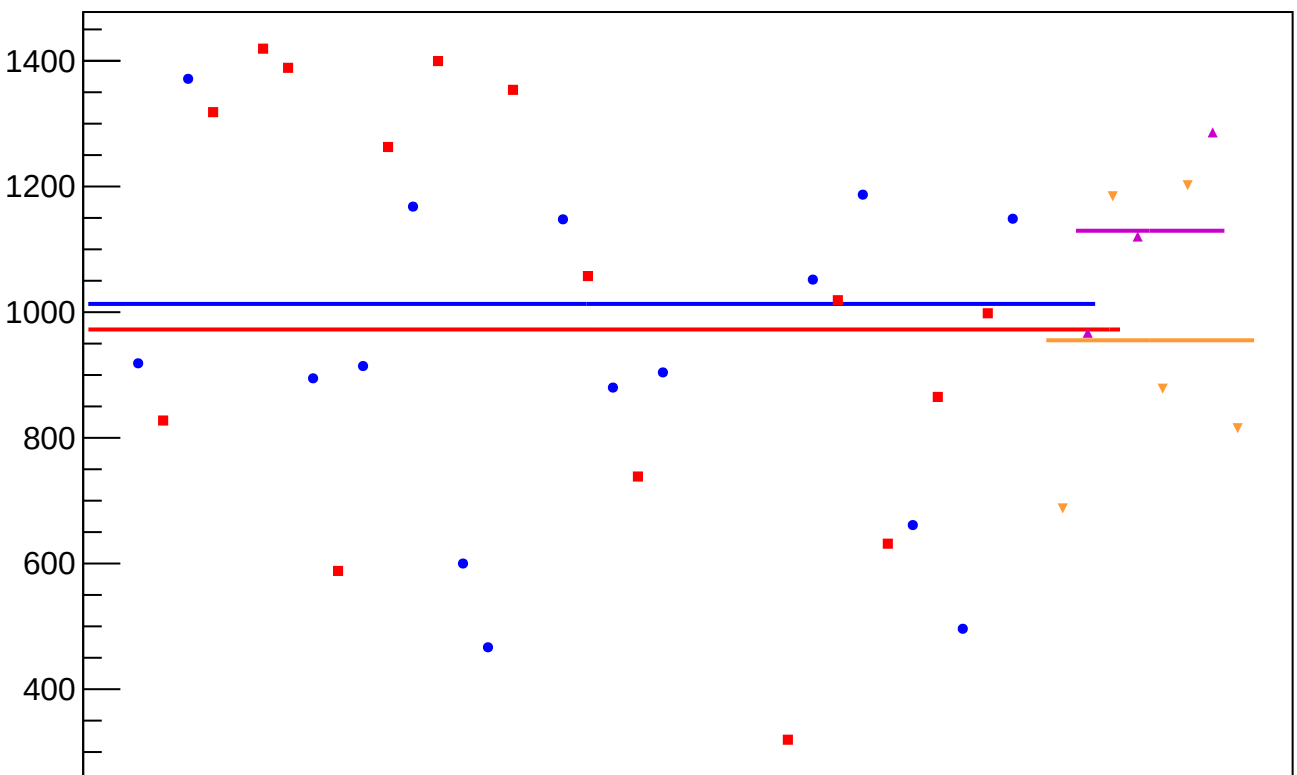
All: 80.784+/-0.000 χ^2/NDF: 182196930987 8

Right Out: 98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

- sign 79.717+/-0.000 χ^2/NDF: 6394250916749680

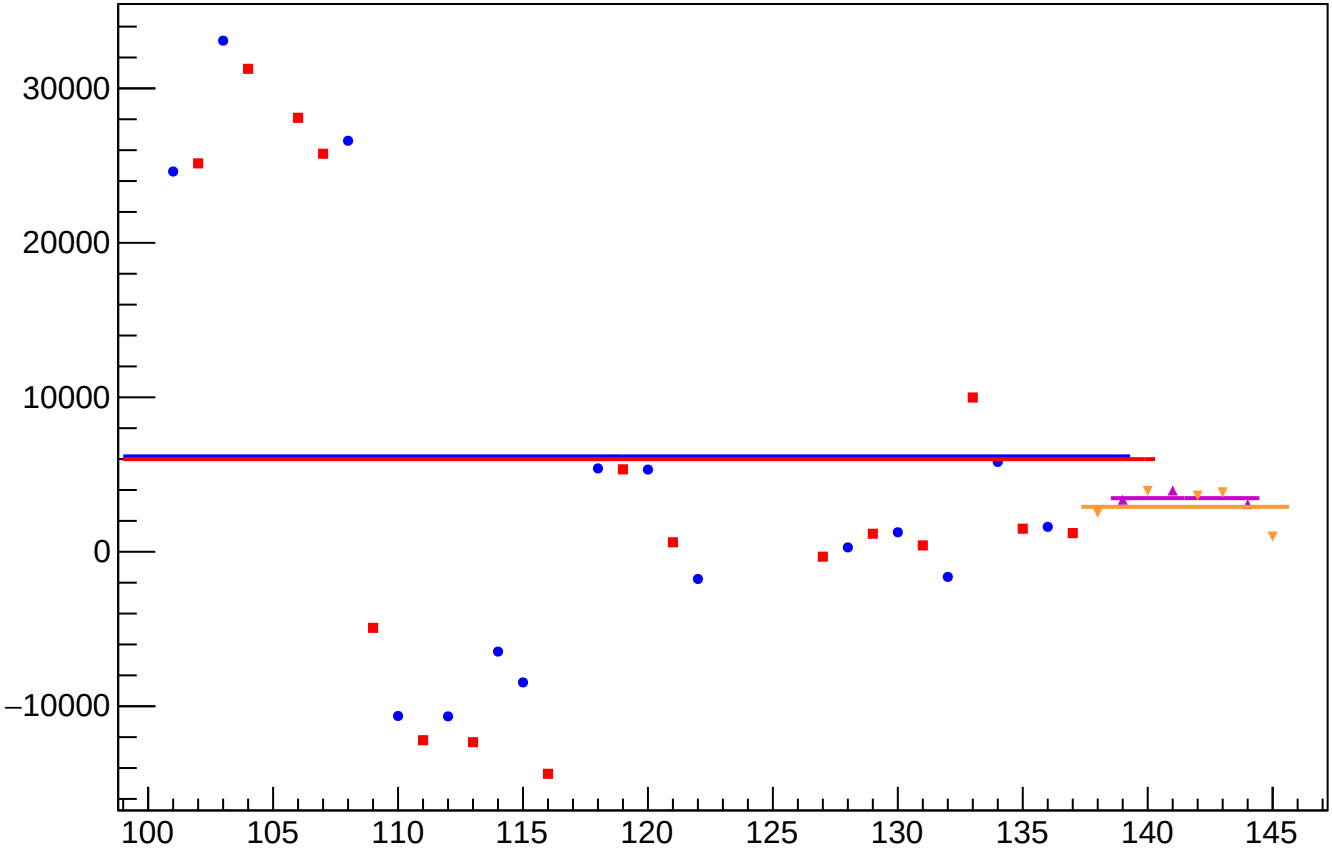
Left In: 29.715+/-0.000 χ^2/NDF:2588237990004248238663738979254272.0/2

dit_sam1_coil6_Ndata_mean vs Slug



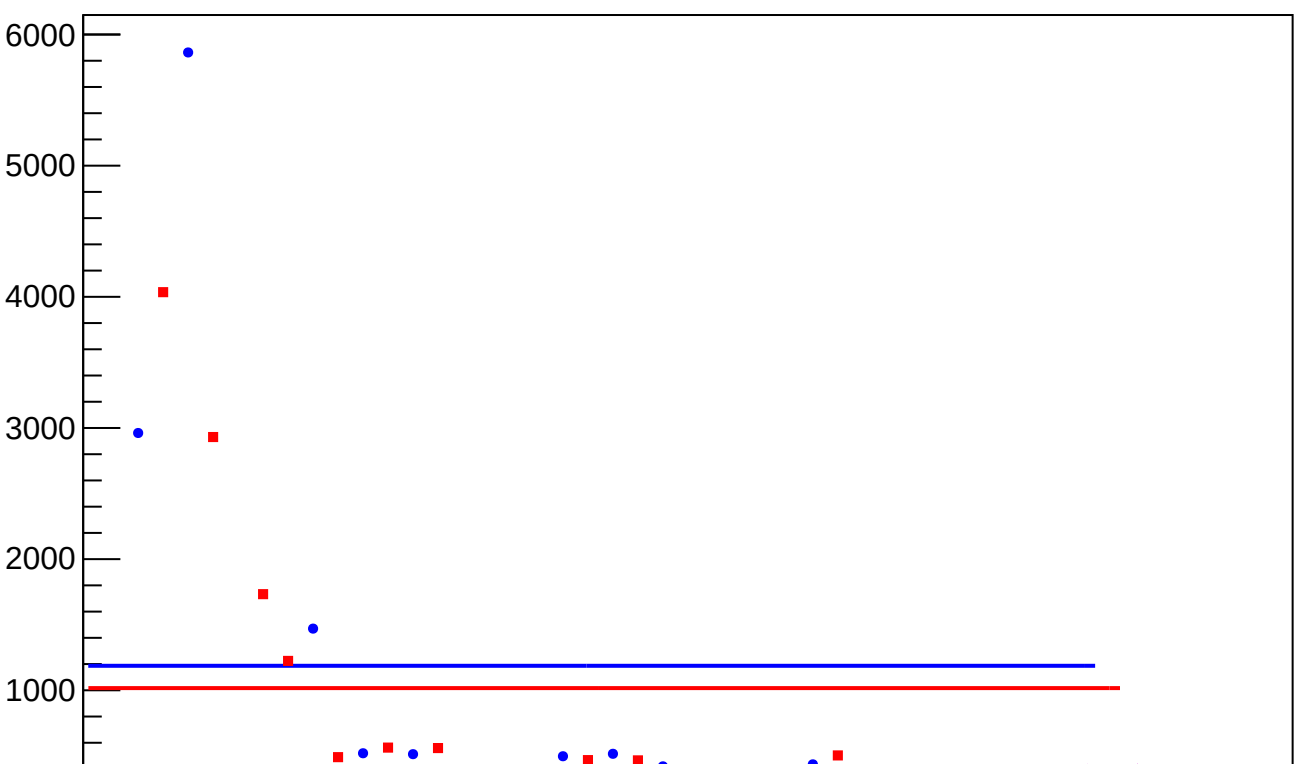
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
+ sign 5029.292+/-0.000 χ^2/NDF: 12016031583848
Left Out: 2909.964+/-0.000 χ^2/NDF:4702628272720119582001328945729309245 44.0/4
All: 5158.388+/-0.000 χ^2/NDF: 2584638999 3
Right Out: 5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568 12800.0/15
- sign 5298.406+/-0.000 χ^2/NDF: 13826884255909
Left In: 3471.817+/-0.000 χ^2/NDF:3507933869066941061581899080713371648 0.0/2

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

+ sign 876.352+/-0.000 χ^2/NDF: 19758995938283

Left Out: 302.248+/-0.000 χ^2/NDF:1180414063628438532720111146307158016.0/4

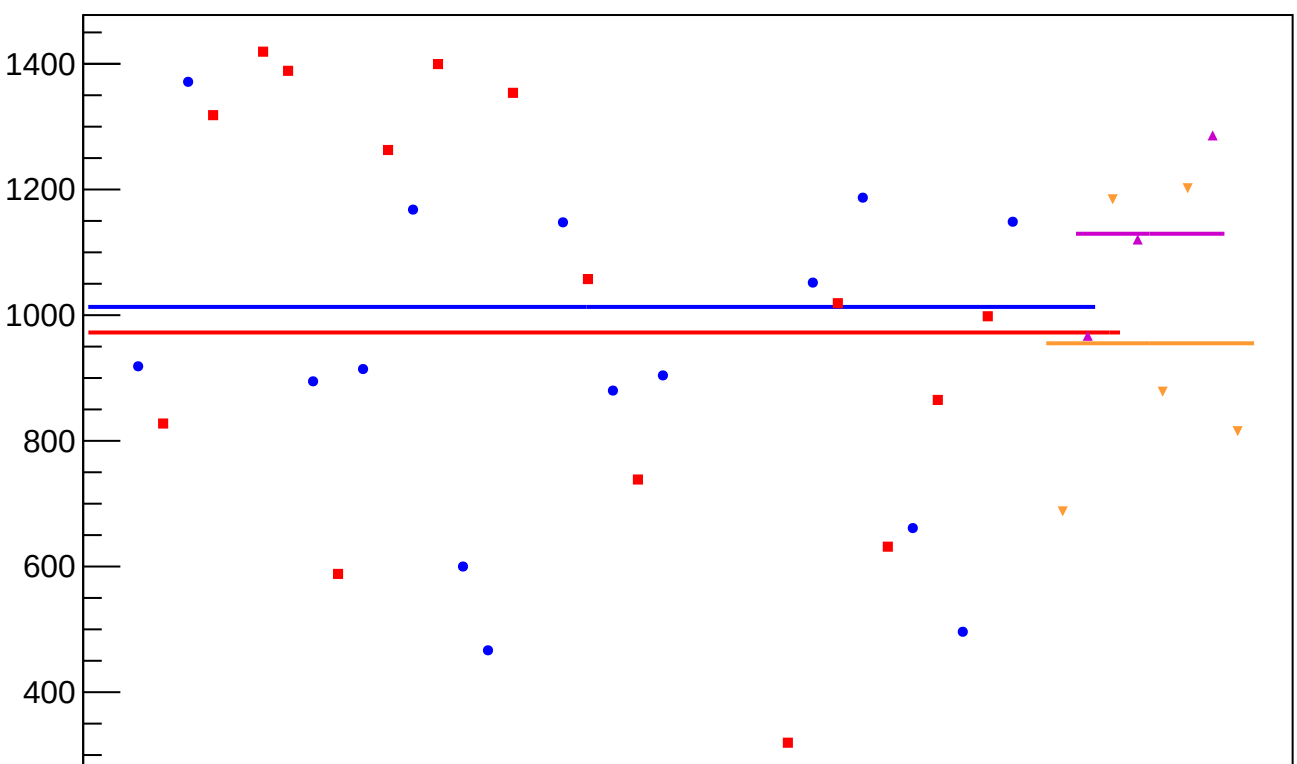
All: 860.715+/-0.000 χ^2/NDF: 29762858602

Right Out: 1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

- sign 843.756+/-0.000 χ^2/NDF: 999876570783615

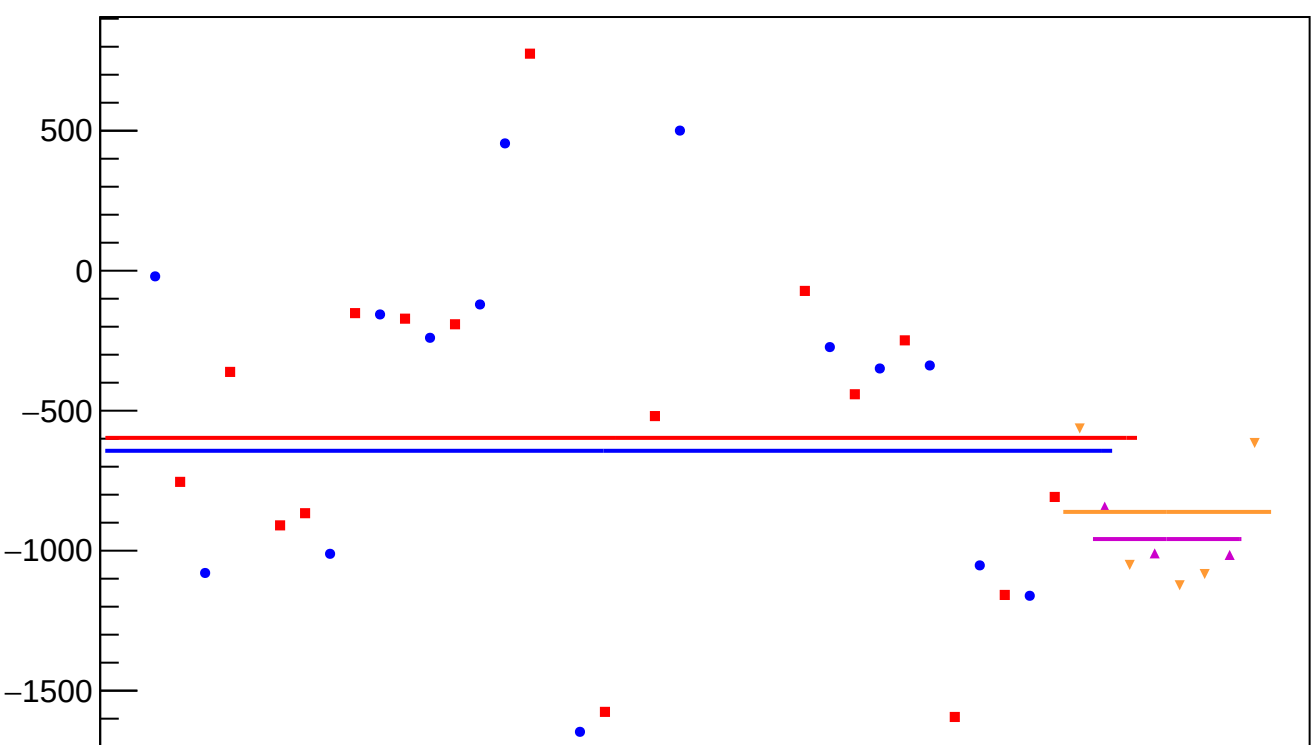
Left In: 391.305+/-0.000 χ^2/NDF:7192895048236108459604818287971532 8.0/2

dit_sam2_coil6_Ndata_mean vs Slug



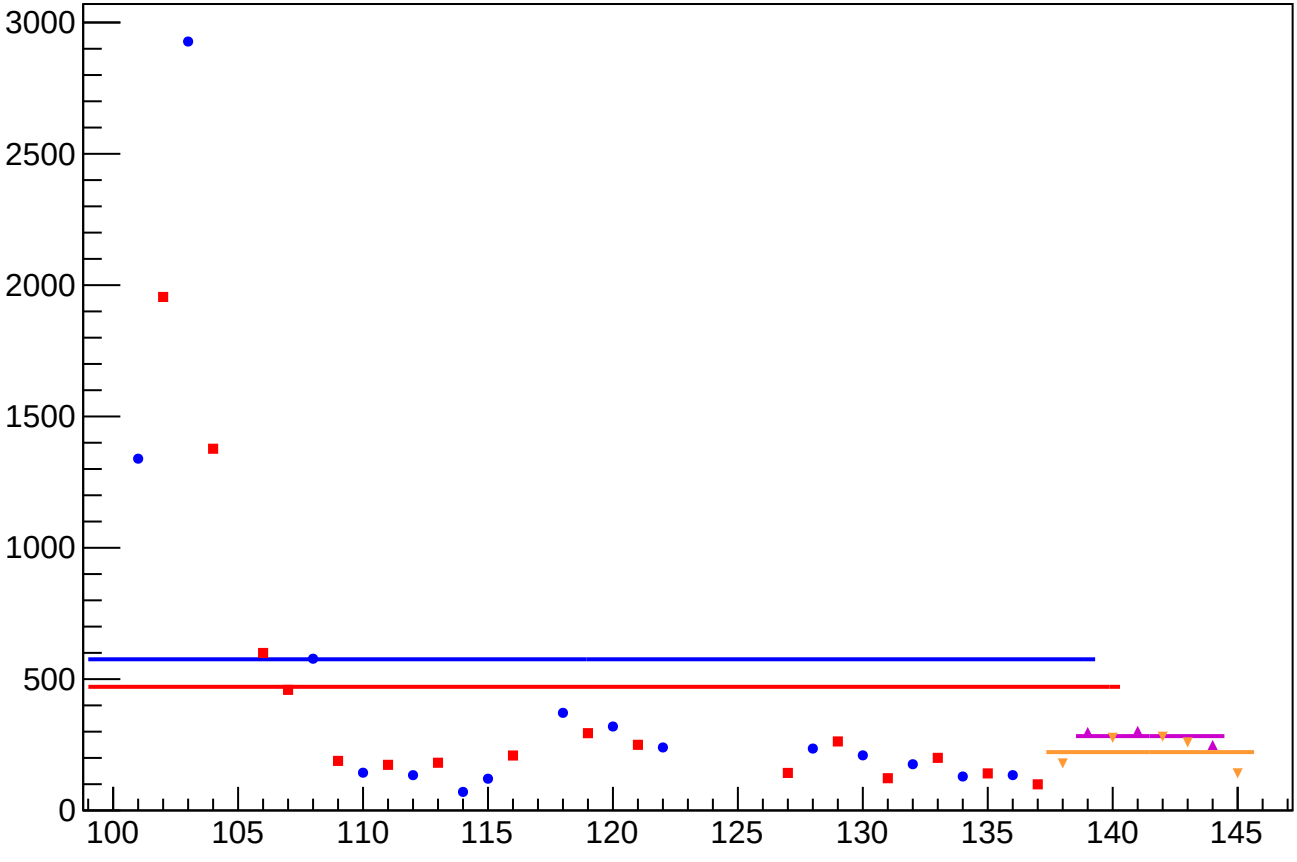
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
+ sign -719.828+/-0.000 χ^2/NDF: 30463047608669
Left Out: -861.483+/-0.000 χ^2/NDF:2105116548727227192356579347582995660 8.0/4
All: -708.881+/-0.000 χ^2/NDF: 5413077822 1
Right Out: -597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
- sign -697.006+/-0.000 χ^2/NDF: 23642745169973 2
Left In: -958.480+/-0.000 χ^2/NDF:1594960956922009065432488987982823424.0/2

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

+ sign 451.488+/-0.000 χ^2/NDF: 462275829703396

Left Out: 222.141+/-0.000 χ^2/NDF:1147961959494052755498218517390426112.0/4

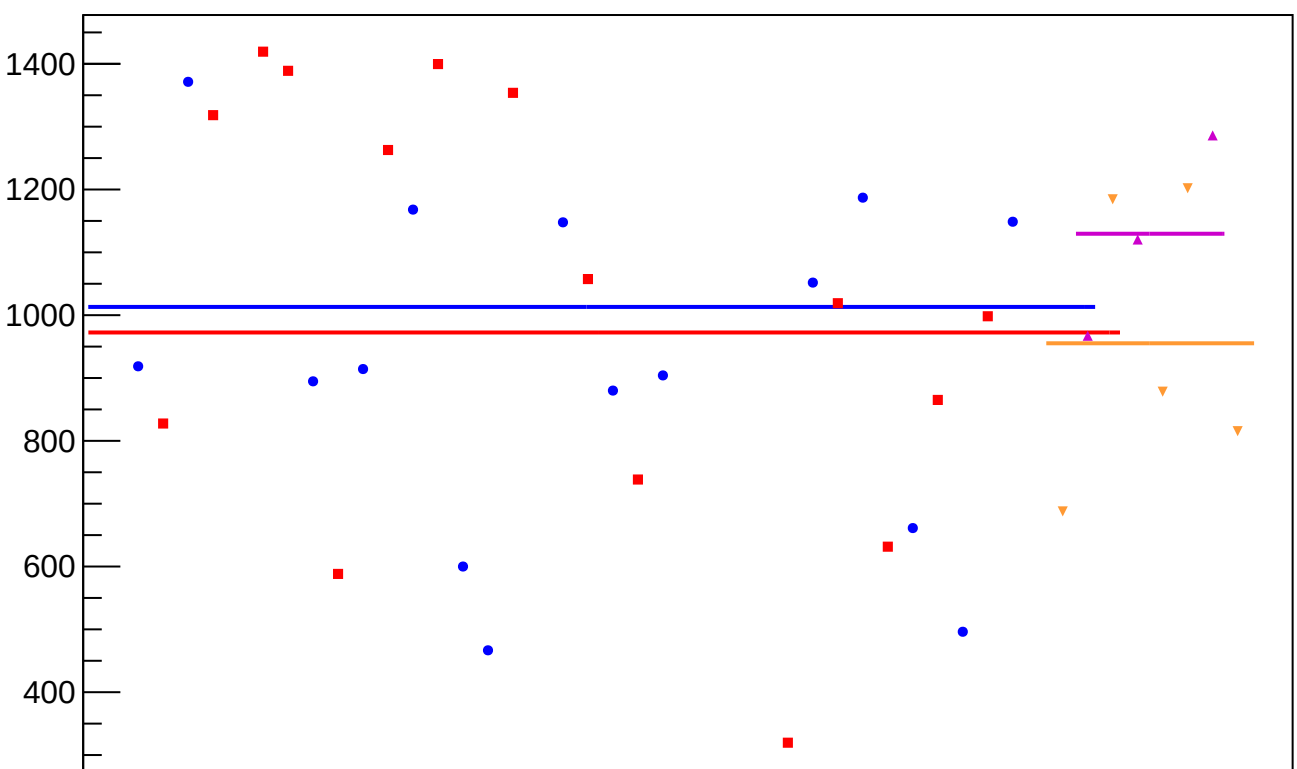
All: 435.816+/-0.000 χ^2/NDF: 678749399843

Right Out: 470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

- sign 418.819+/-0.000 χ^2/NDF: 215961615504442

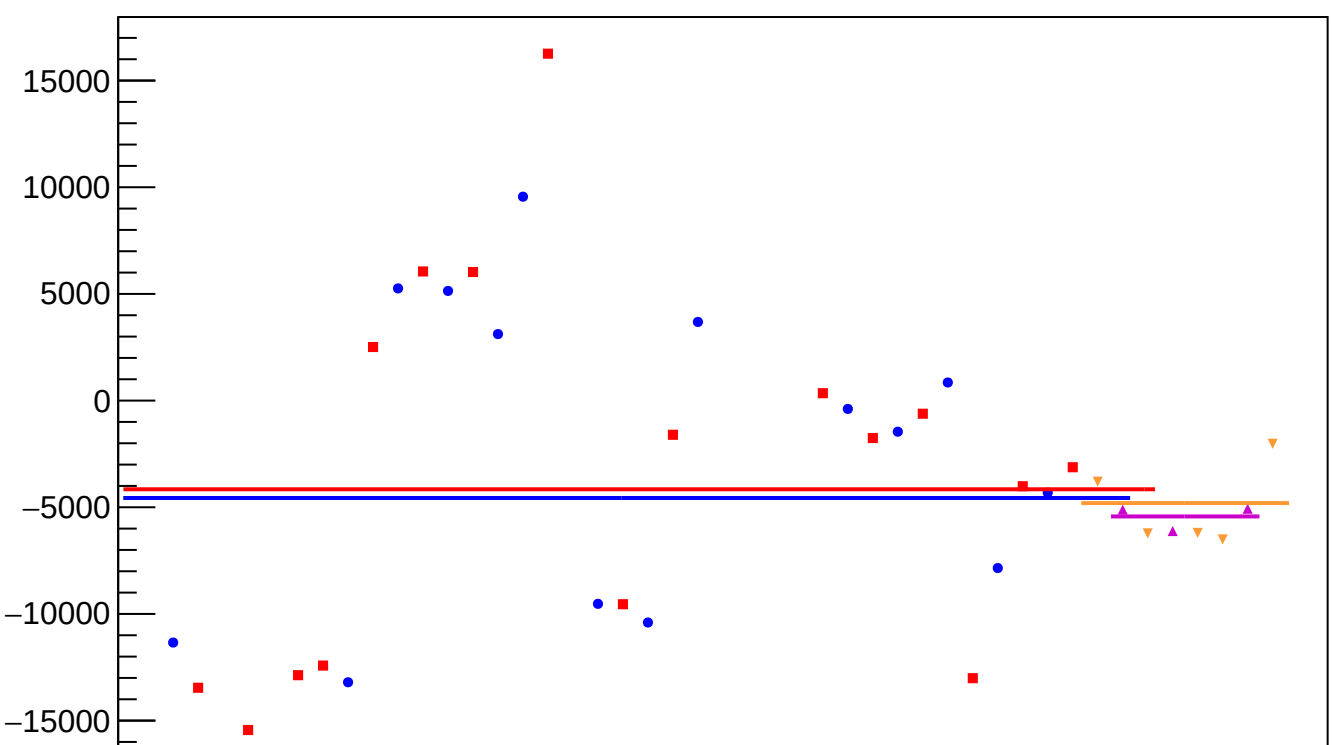
Left In: 283.074+/-0.000 χ^2/NDF:1557947579720461713015767952848322 56.0/2

dit_sam3_coil6_Ndata_mean vs Slug



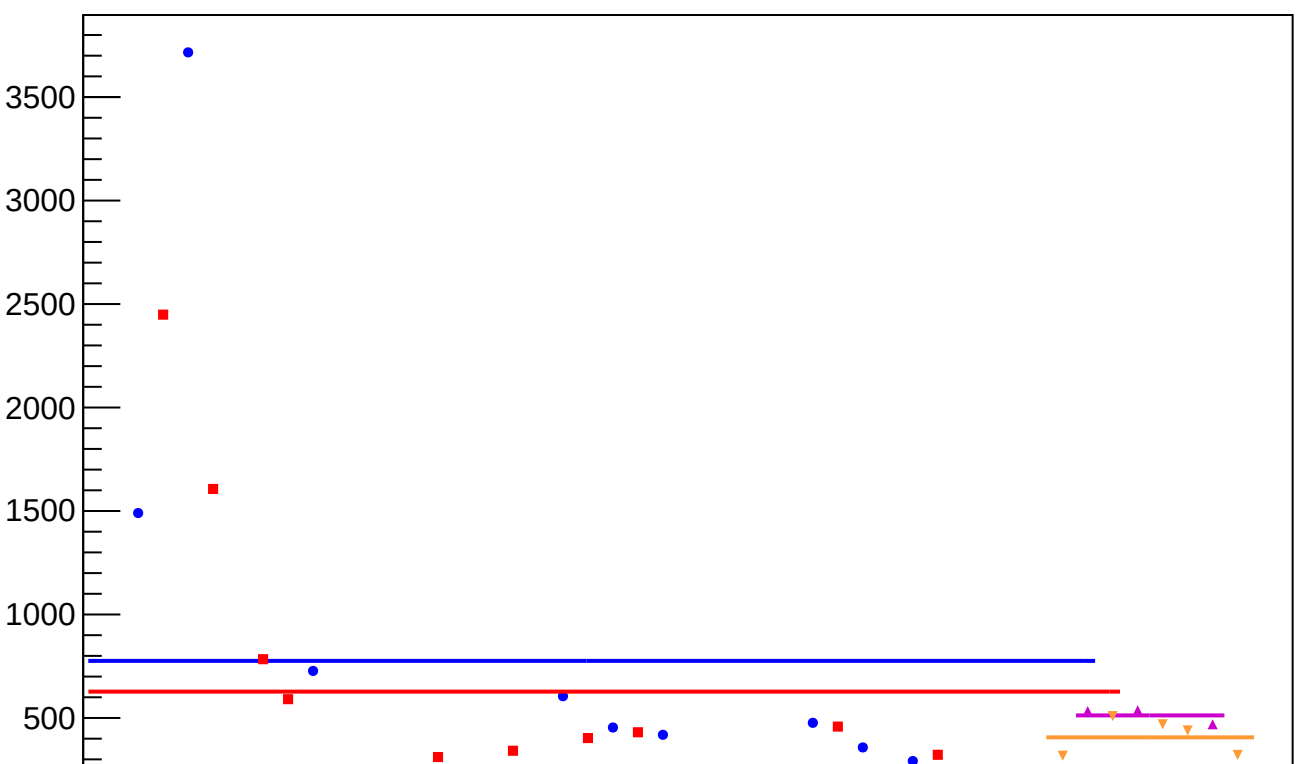
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
+ sign -4649.232+/-0.000 χ^2/NDF: 3681102292239
Left Out: -4804.214+/-0.000 χ^2/NDF:1130264183768929114431224778638323875840.0/4
All: -4581.990+/-0.000 χ^2/NDF: 8271884450
Right Out: -4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219596 8.0/15
- sign -4509.060+/-0.000 χ^2/NDF: 4589839630740 3
Left In: -5430.310+/-0.000 χ^2/NDF:5978371662684287603163250638649819136 0.0/2

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Left Out: 406.362+/-0.000 χ^2/NDF:229631548455201051780407834116620288 0.0/4

Right Out: 627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

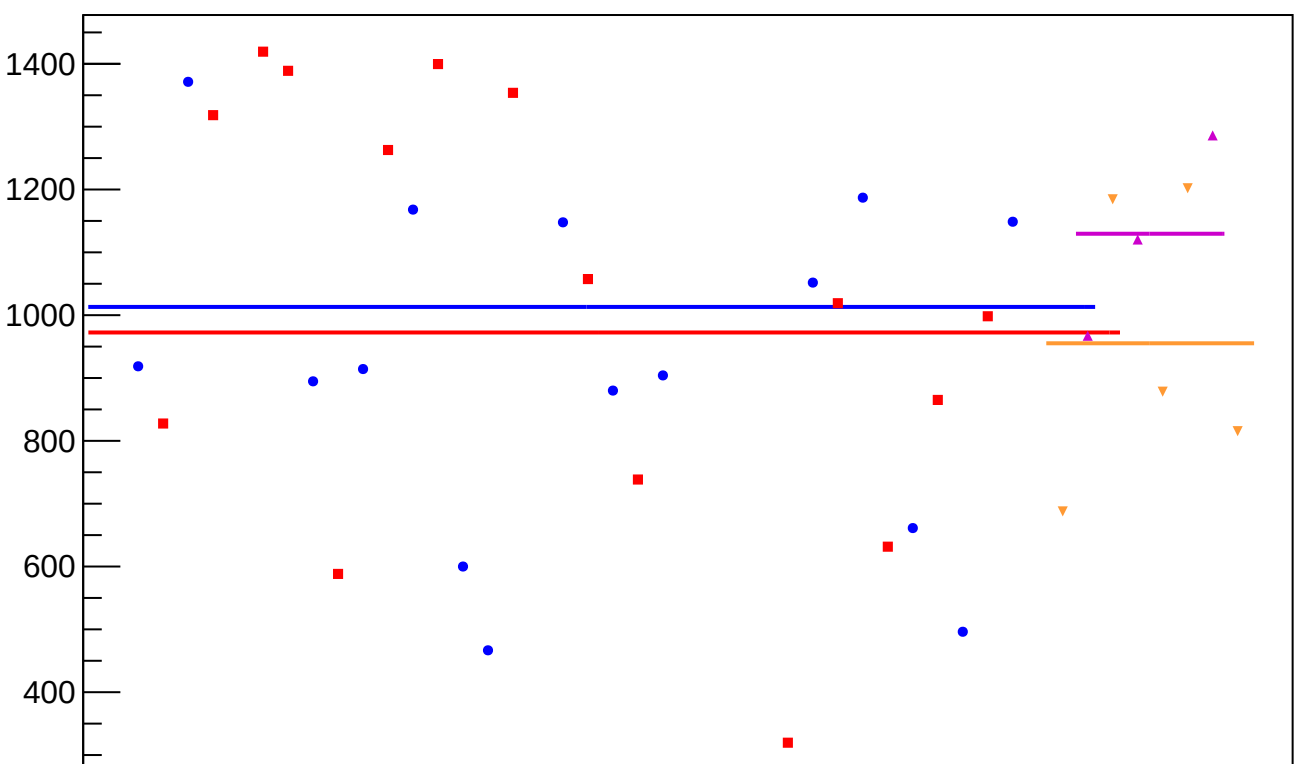
Left In: 512.440+/-0.000 χ^2/NDF:252140103856882239843349088176177152.0/2

+ sign 646.143+/-0.000 χ^2/NDF: 675248170083603

All: 621.870+/-0.000 χ^2/NDF: 976680538122

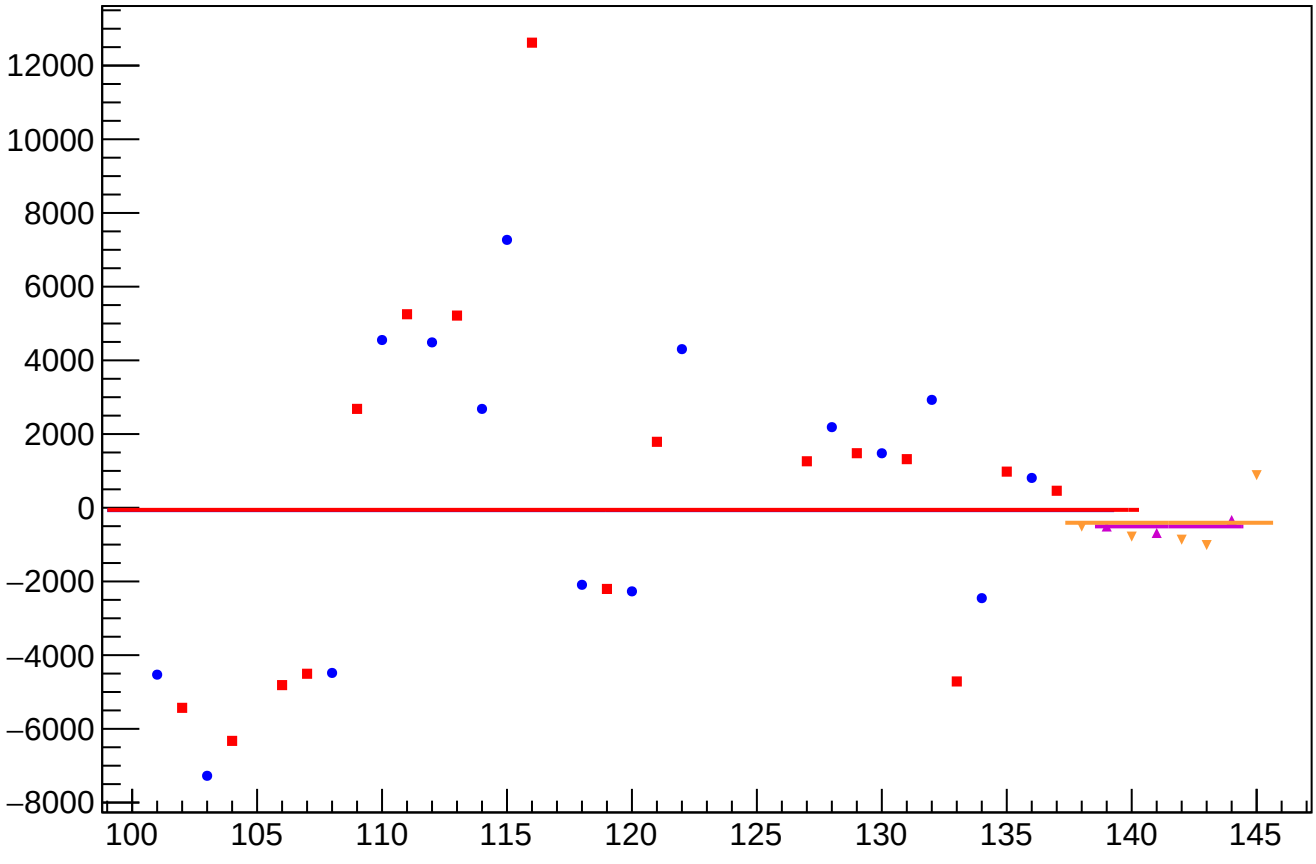
- sign 595.543+/-0.000 χ^2/NDF: 300204158655031

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14

+ sign -185.013+/-0.000 χ^2/NDF: 98177326348579

Left Out: -407.377+/-0.000 χ^2/NDF:17676718207693895248407913982052427366 4.0/4

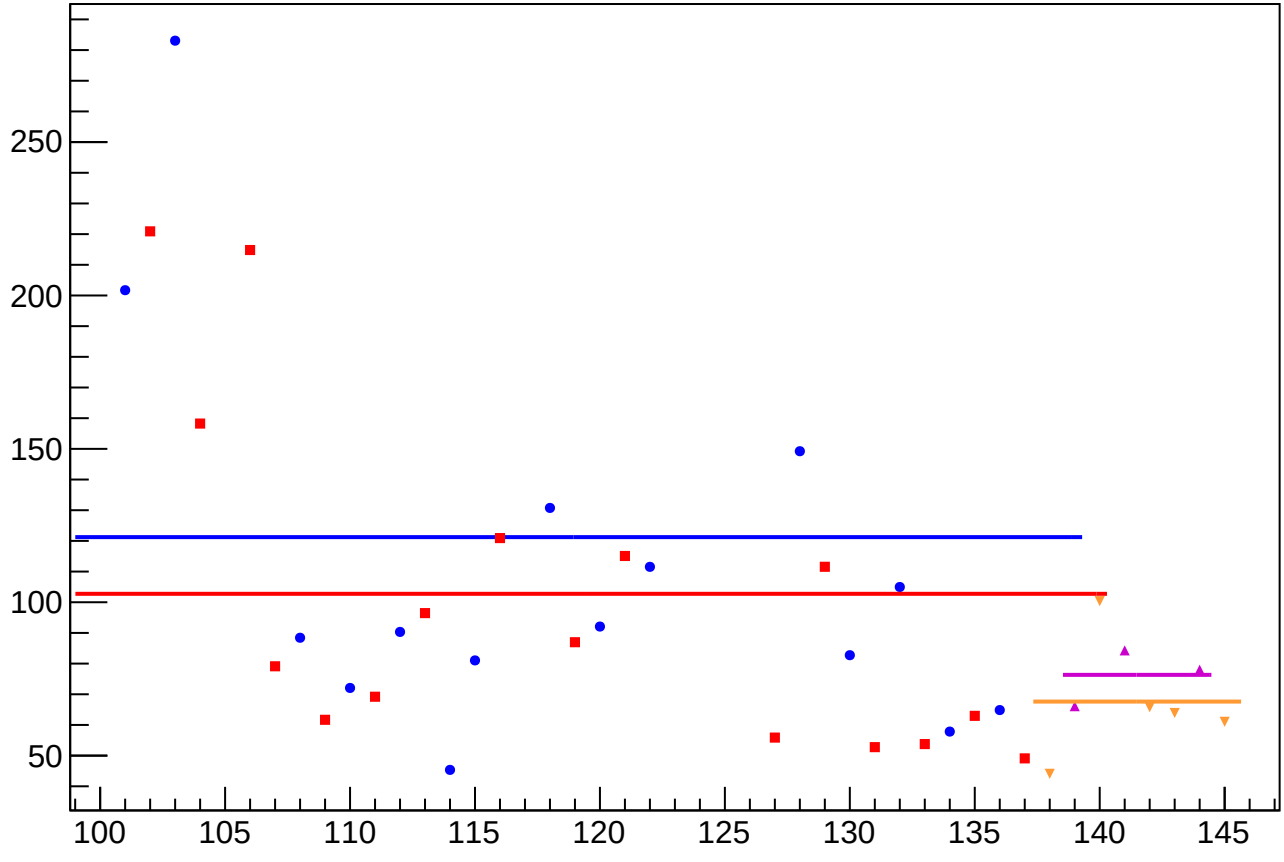
All: -183.162+/-0.000 χ^2/NDF: 2364112155 9

Right Out: -57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779799 04.0/15

- sign -181.155+/-0.000 χ^2/NDF: 138233817849092

Left In: -505.306+/-0.000 χ^2/NDF:53853116150971072324678182280689090 56.0/2

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14

+ sign 102.411+/-0.000 χ^2/NDF: 351346003338423

Left Out: 67.618+/-0.000 χ^2/NDF:1356004345170938541420056129380024 32.0/4

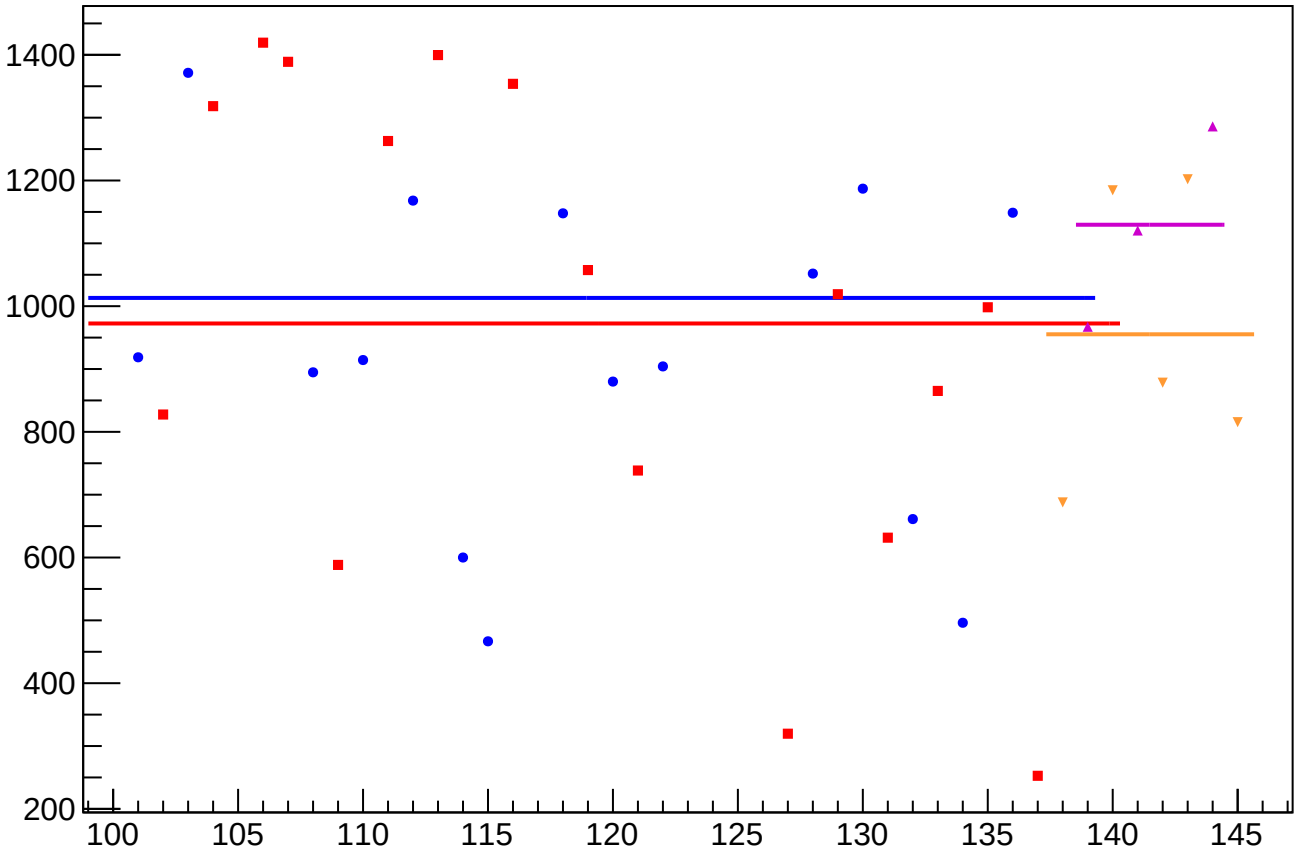
All: 99.068+/-0.000 χ^2/NDF: 564729608705 0

Right Out: 102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15

- sign 95.442+/-0.000 χ^2/NDF: 2110540155463643

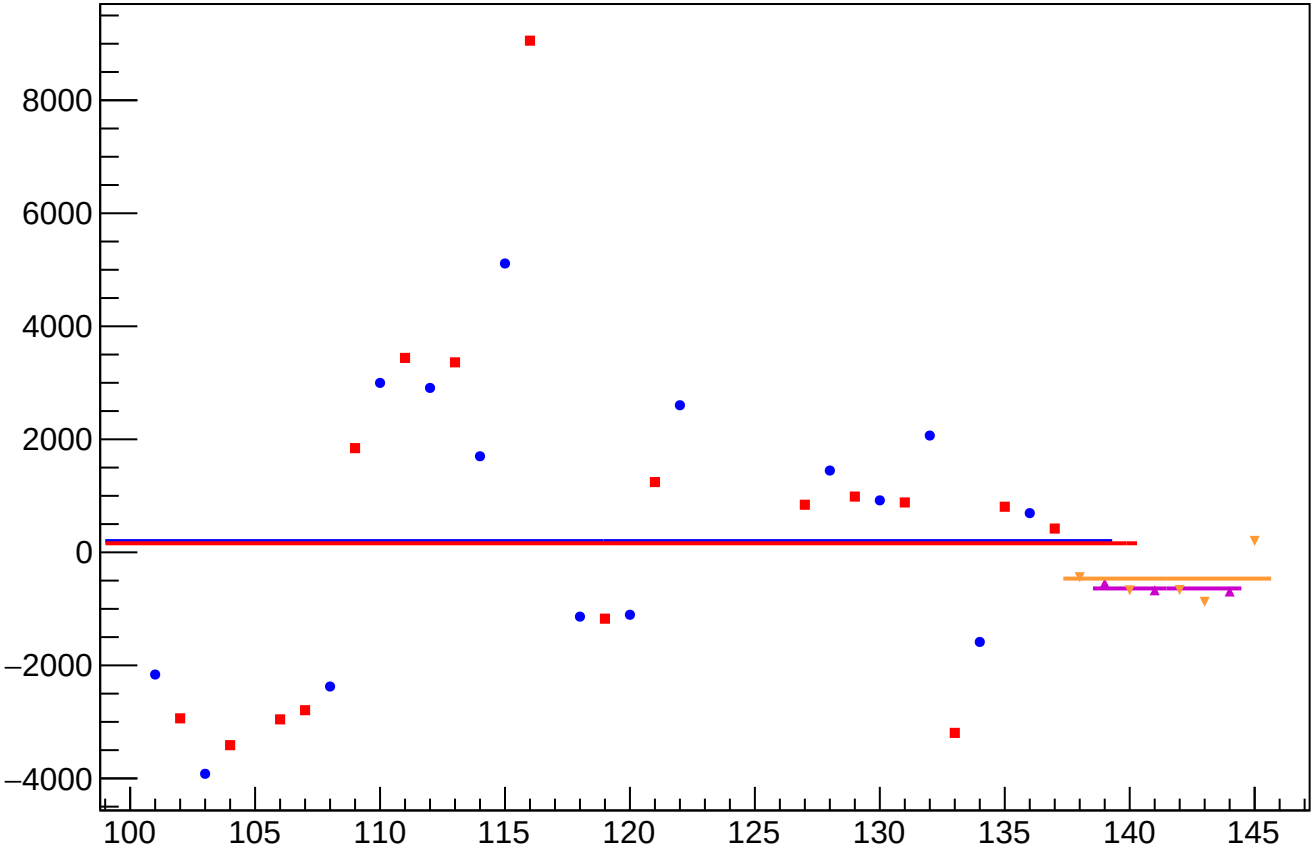
Left In: 76.330+/-0.000 χ^2/NDF:1411437997284283105081144799290982 4.0/2

dit_sam5_coil6_Ndata_mean vs Slug



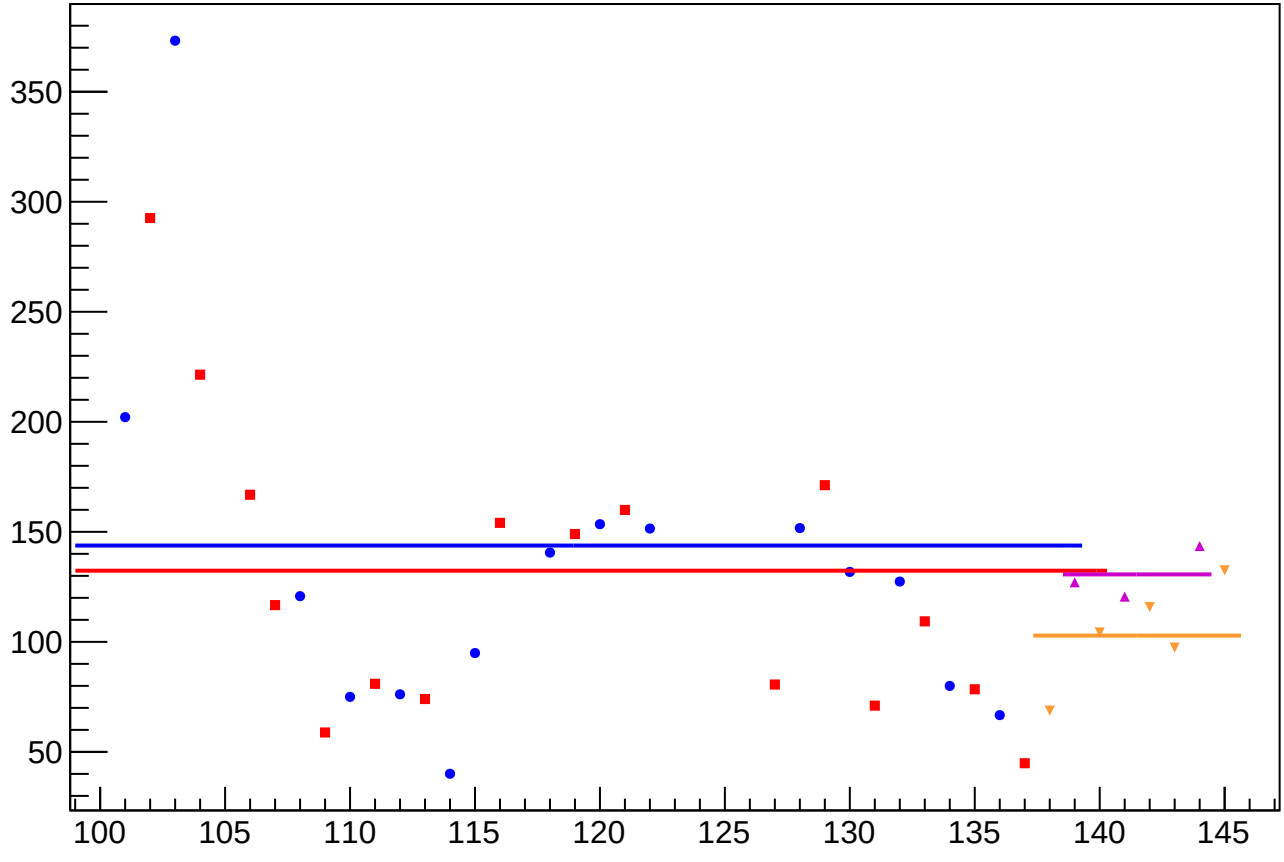
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF: 326815974592353382504518166487684979097 6.0/14
+ sign -33.558+/-0.000 χ^2/NDF: 342005822426121
Left Out: -464.490+/-0.000 χ^2/NDF:514649683939252685141234575118843248 64.0/4
All: -46.503+/-0.000 χ^2/NDF: 921987472871
Right Out: 160.512+/-0.000 χ^2/NDF: 568057670946119790152672970370625149 3376.0/15
- sign -60.542+/-0.000 χ^2/NDF: 5799467210495711
Left In: -638.751+/-0.000 χ^2/NDF:104458537872204038245654340376199168 0.0/2

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764+/-0.000 χ^2/NDF: 451478586956577784990050859182194688 0.0/14

+ sign 129.405+/-0.000 χ^2/NDF: 506522240941681

Left Out: 102.857+/-0.000 χ^2/NDF:169241695612623810867196333926645760.0/4

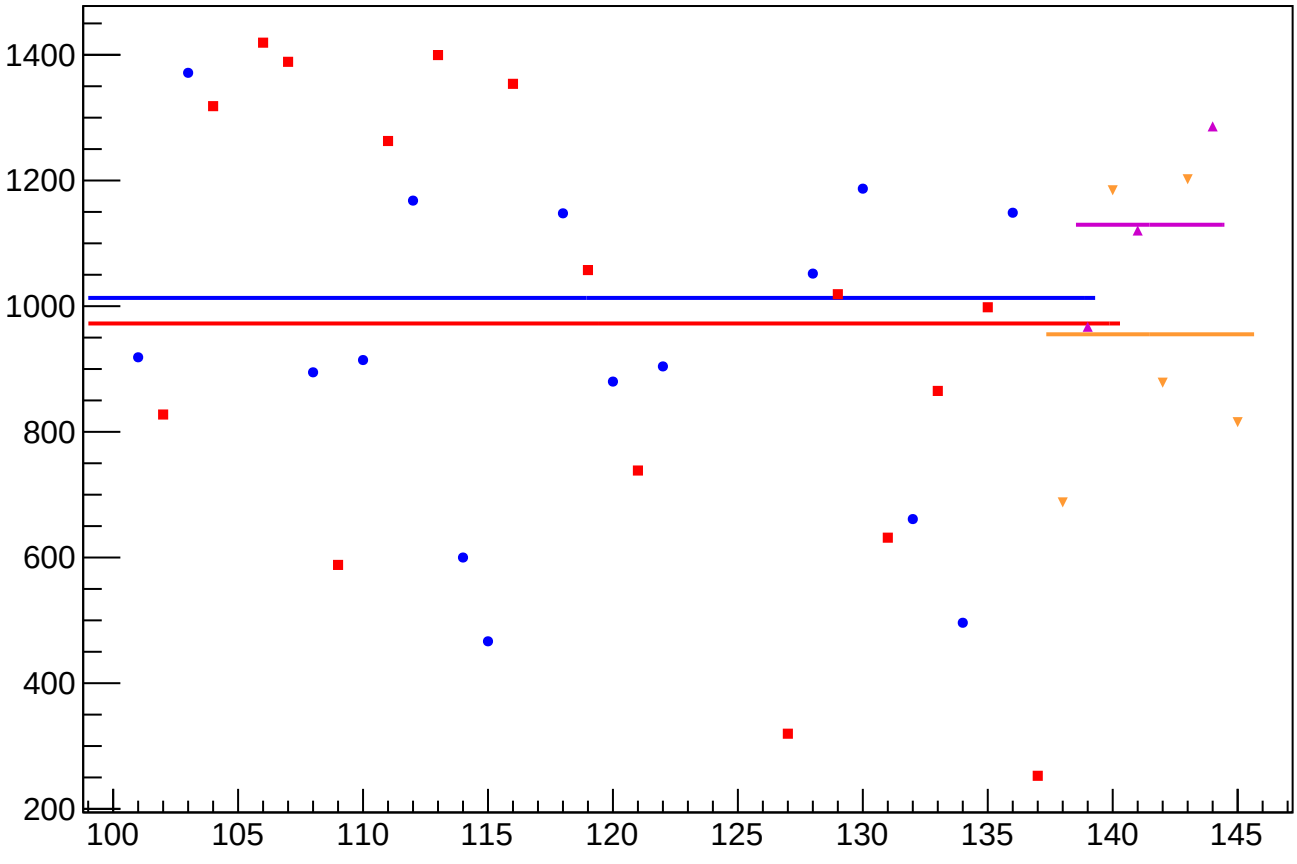
All: 130.590+/-0.000 χ^2/NDF: 826724150127

Right Out: 132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

- sign 131.875+/-0.000 χ^2/NDF: 319909334493056

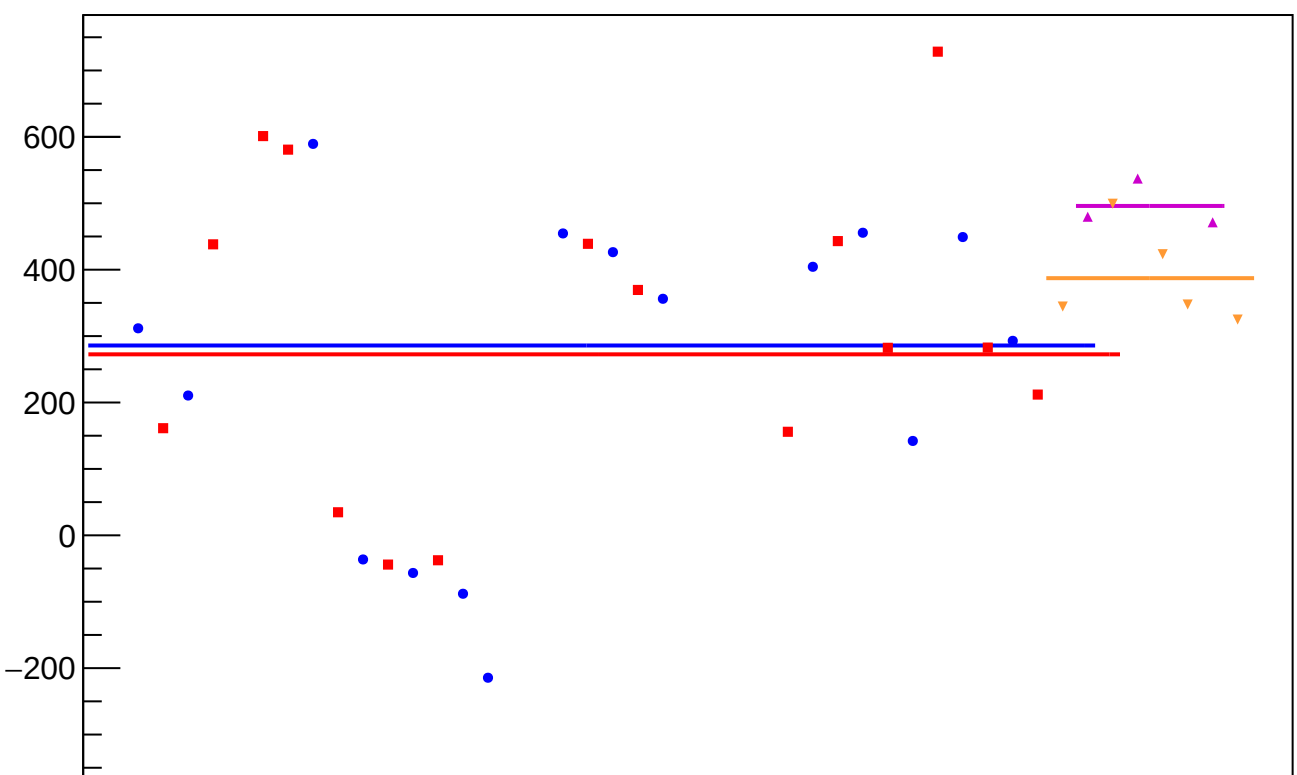
Left In: 130.656+/-0.000 χ^2/NDF:244820709966450712639261884609986 56.0/2

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Left Out: 387.240+/-0.000 χ^2/NDF:16411982101862927755409987944610529 28.0/4

Right Out: 272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571 2768.0/15

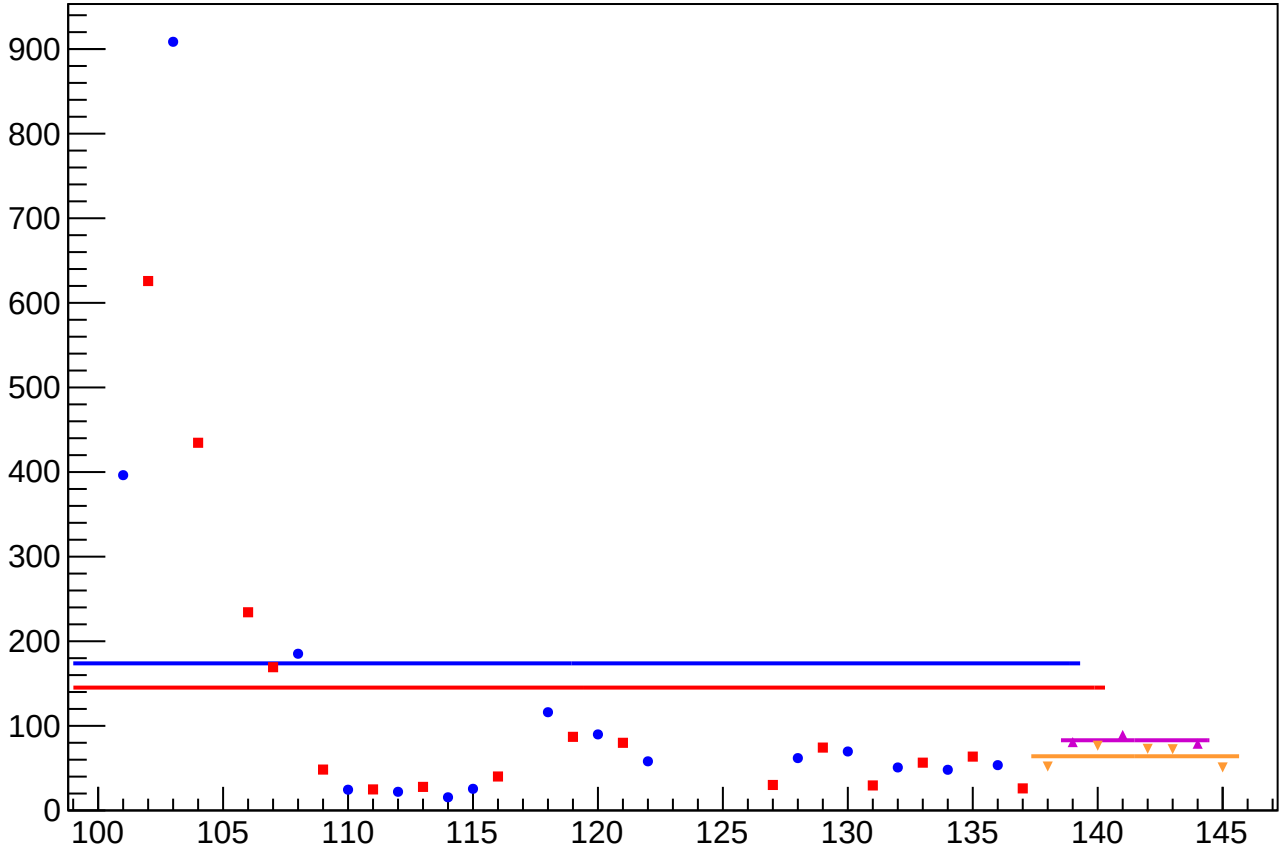
Left In: 495.995+/-0.000 χ^2/NDF:2198908976693571078583377484065013 76.0/2

+ sign 321.442+/-0.000 χ^2/NDF: 280909159488661

All: 327.629+/-0.000 χ^2/NDF: 81751846095

- sign 334.340+/-0.000 χ^2/NDF: 535811206720228

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF: 4170547340446623261307370455499066572 8.0/14

+ sign 135.328+/-0.000 χ^2/NDF: 44498231308610 5

Left Out: 64.063+/-0.000 χ^2/NDF:46009083596790152813989027964256256.0/4

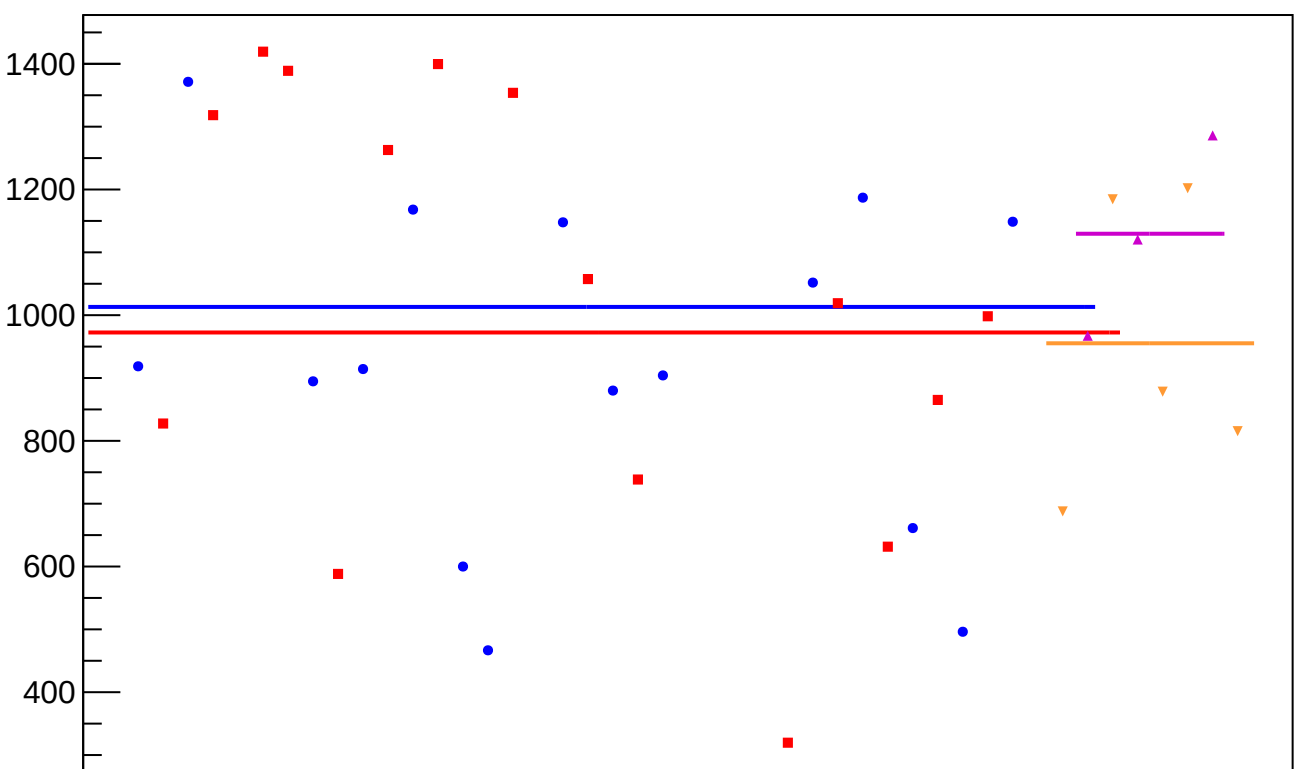
All: 131.818+/-0.000 χ^2/NDF: 6777376044 85

Right Out: 145.228+/-0.000 χ^2/NDF: 2252961571940859472078526574443783 7824.0/15

- sign 128.010+/-0.000 χ^2/NDF: 232498374920190

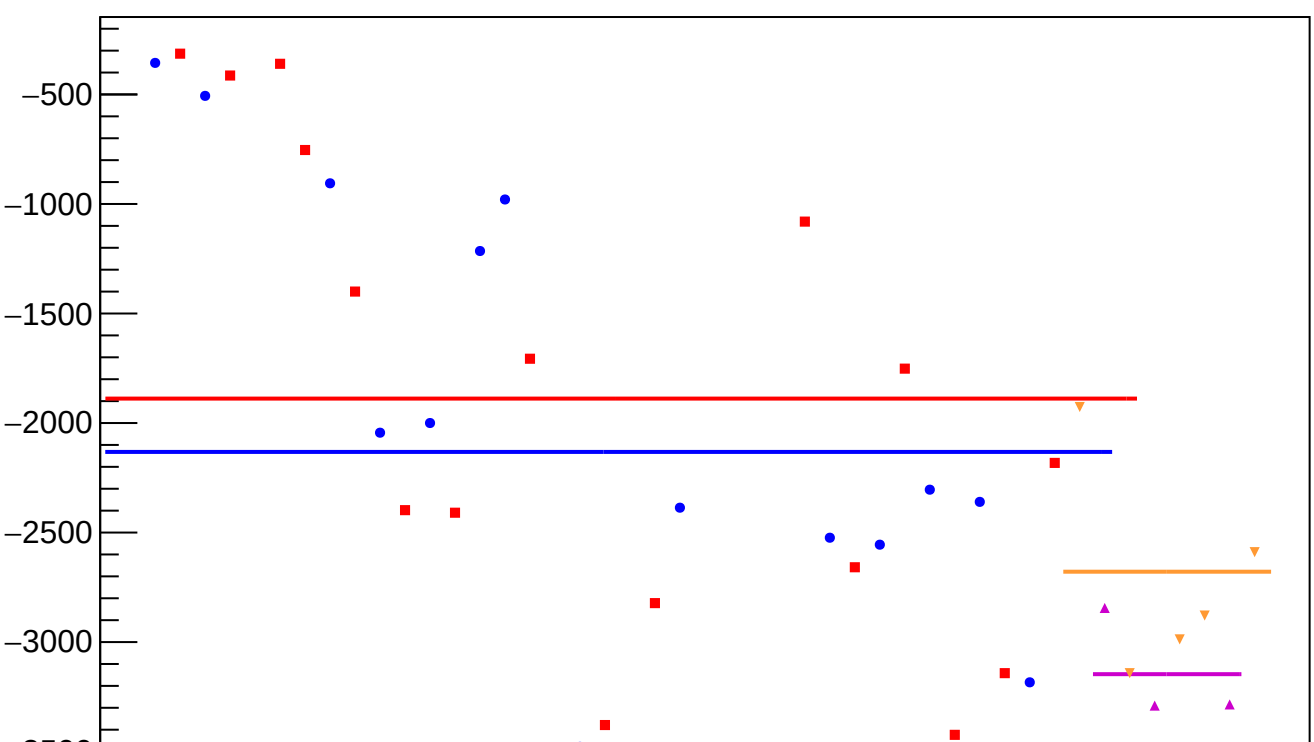
Left In: 82.974+/-0.000 χ^2/NDF:5273504684481318390981093285167104.0/2

dit_sam7_coil6_Ndata_mean vs Slug



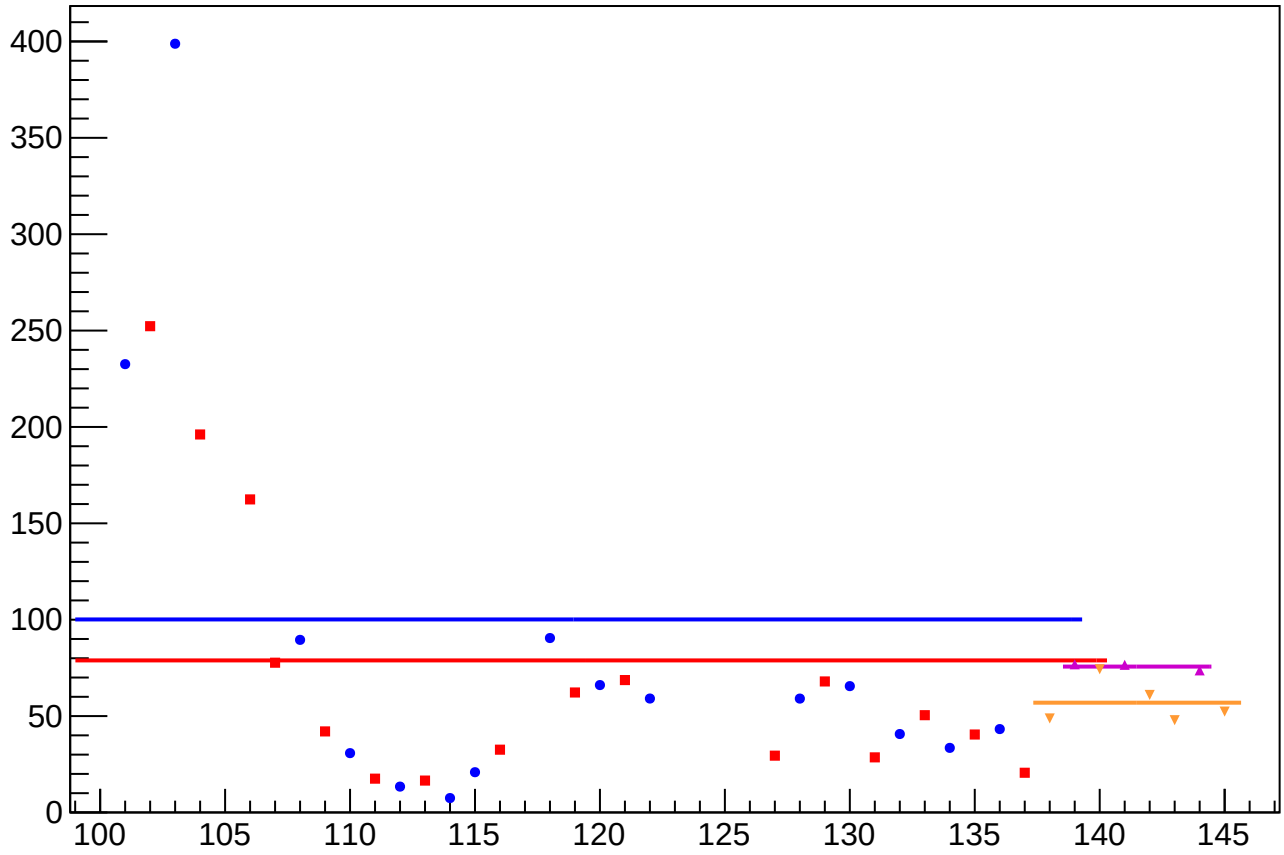
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
+ sign -2323.836+/-0.000 χ^2/NDF: 8599308429719
Left Out: -2678.718+/-0.000 χ^2/NDF:6938461477763831651275972869696887193 6.0/4
All: -2281.886+/-0.000 χ^2/NDF: 1958397344
Right Out: -1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
- sign -2236.388+/-0.000 χ^2/NDF: 1094798050861 0
Left In: -3146.489+/-0.000 χ^2/NDF:1085062833719795970905274653258180198 4.0/2

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

+ sign 84.977+/-0.000 χ^2/NDF: 8276587618370998

Left Out: 56.950+/-0.000 χ^2/NDF:37835890135541291439670588172402688.0/4

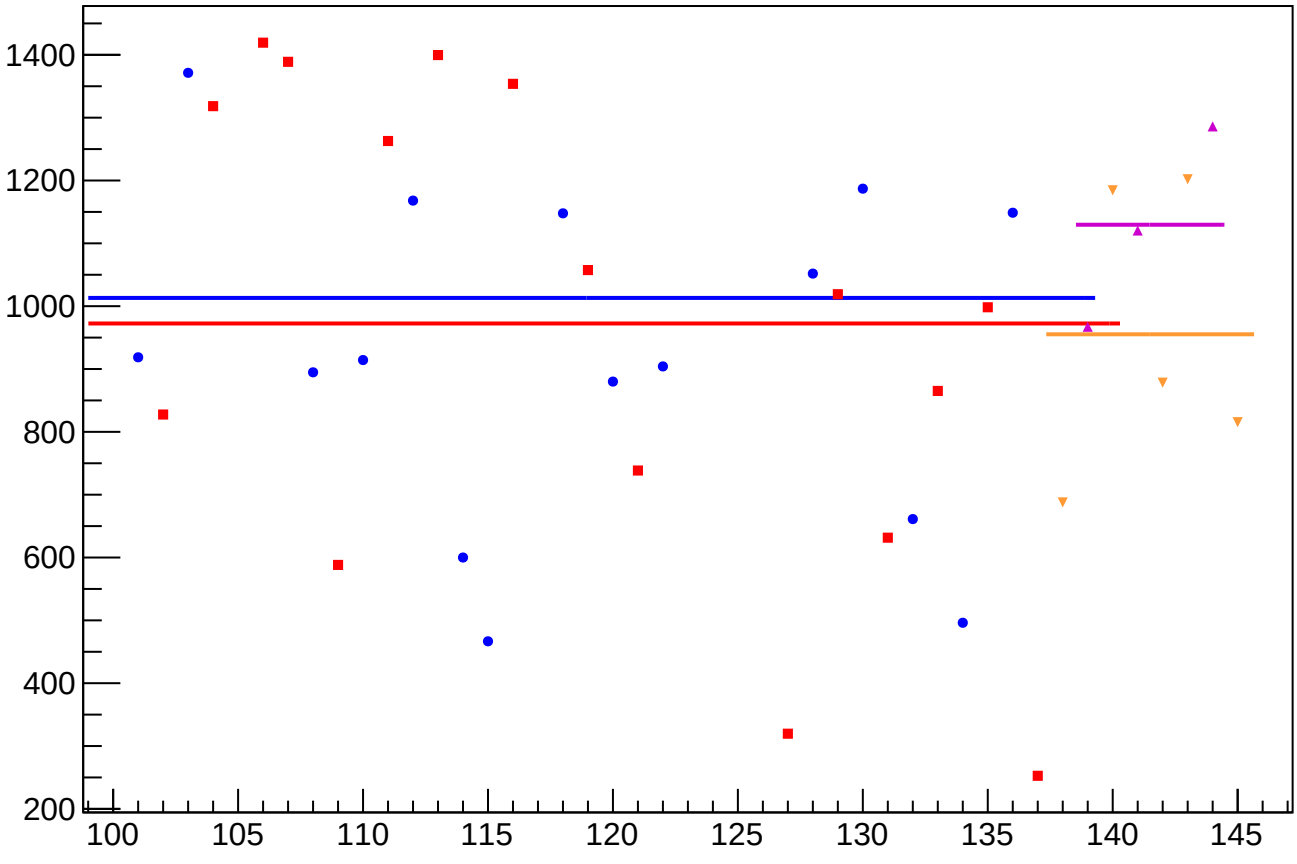
All: 81.628+/-0.000 χ^2/NDF: 1182751731919

Right Out: 78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

- sign 77.996+/-0.000 χ^2/NDF: 3527548019993155

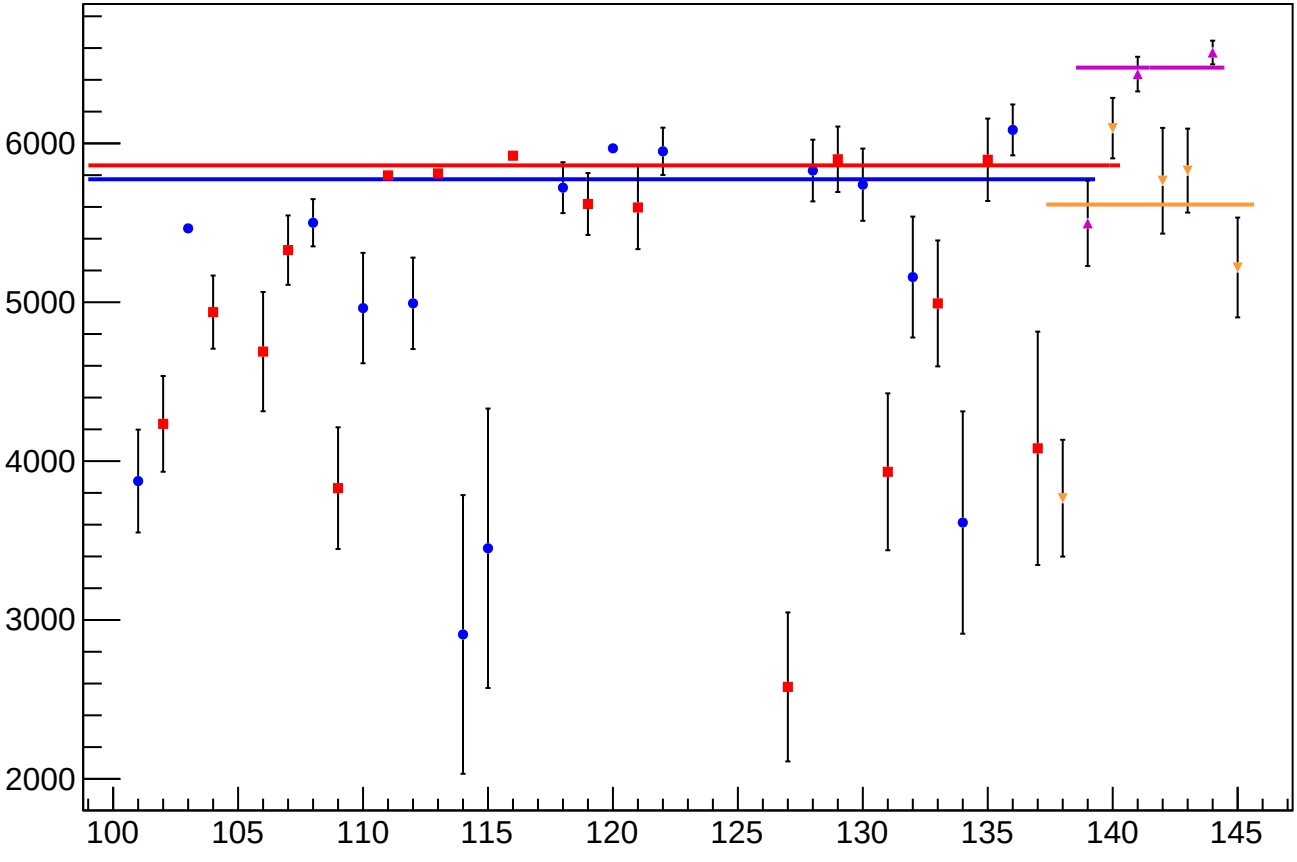
Left In: 75.680+/-0.000 χ^2/NDF:5287553017755475811600042326753 28.0/2

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.830+/-0.000 χ^2/NDF: 48251344743505 6
Left Out: 955.265+/-0.000 χ^2/NDF:157668881869486535899844150780179251 20.0/4
All: 1003.908+/-0.000 χ^2/NDF: 1362686116 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1015.924+/-0.000 χ^2/NDF: 8776142077930 8
Left In: 1129.600+/-0.000 χ^2/NDF:432202801509878494761501893188386816 0.0/2

dit_run_mean vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 5614.930+/-120.817 χ^2/NDF:34.1/4

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

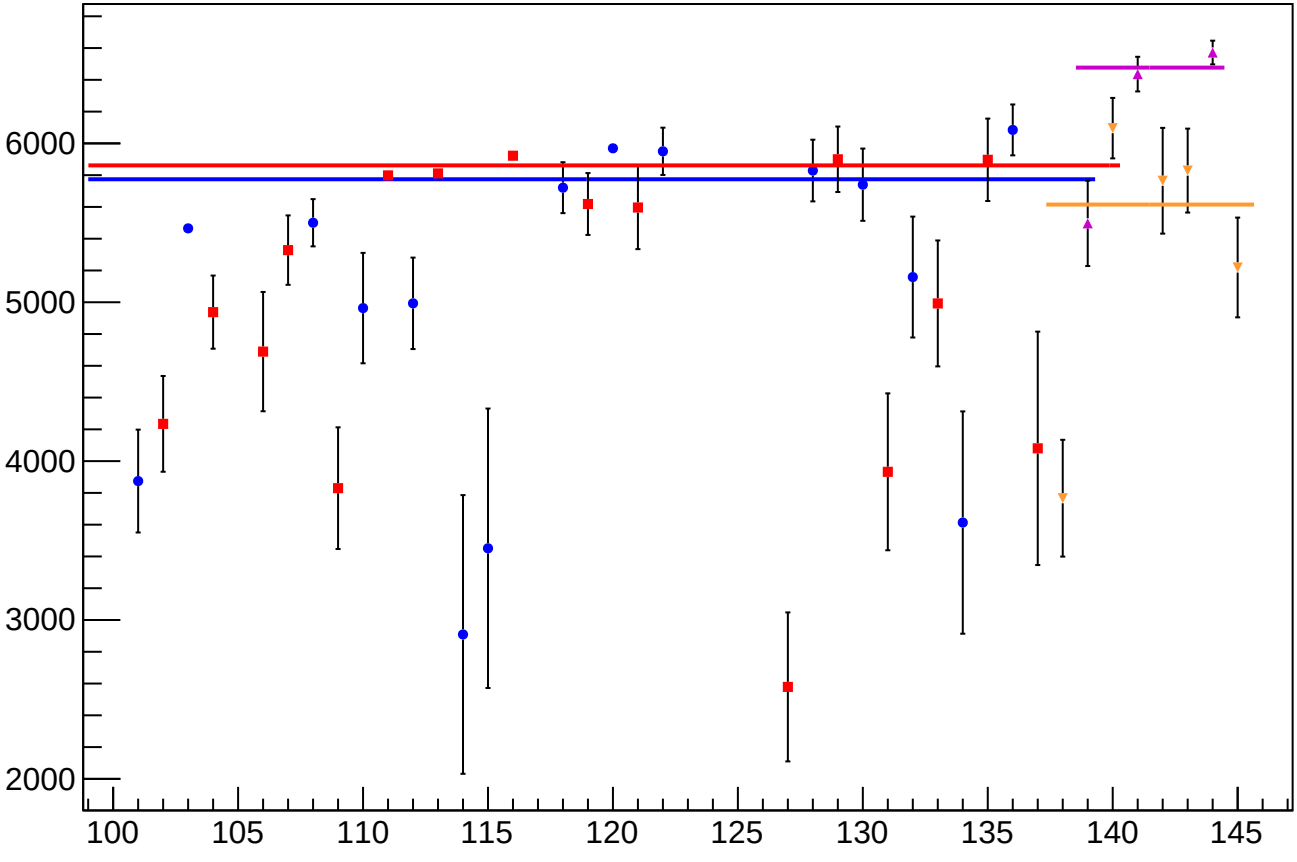
Left In: 6476.899+/-60.055 χ^2/NDF:15.1/2

+ sign 5774.116+/-0.181 χ^2/NDF: 1828562.3/19

All: 5828.995+/-0.111 χ^2/NDF: 2154287.1/38

- sign 5861.464+/-0.140 χ^2/NDF: 180140.5/18

dit_run_rms vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 5614.930+/-120.817 χ^2/NDF:34.1/4

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

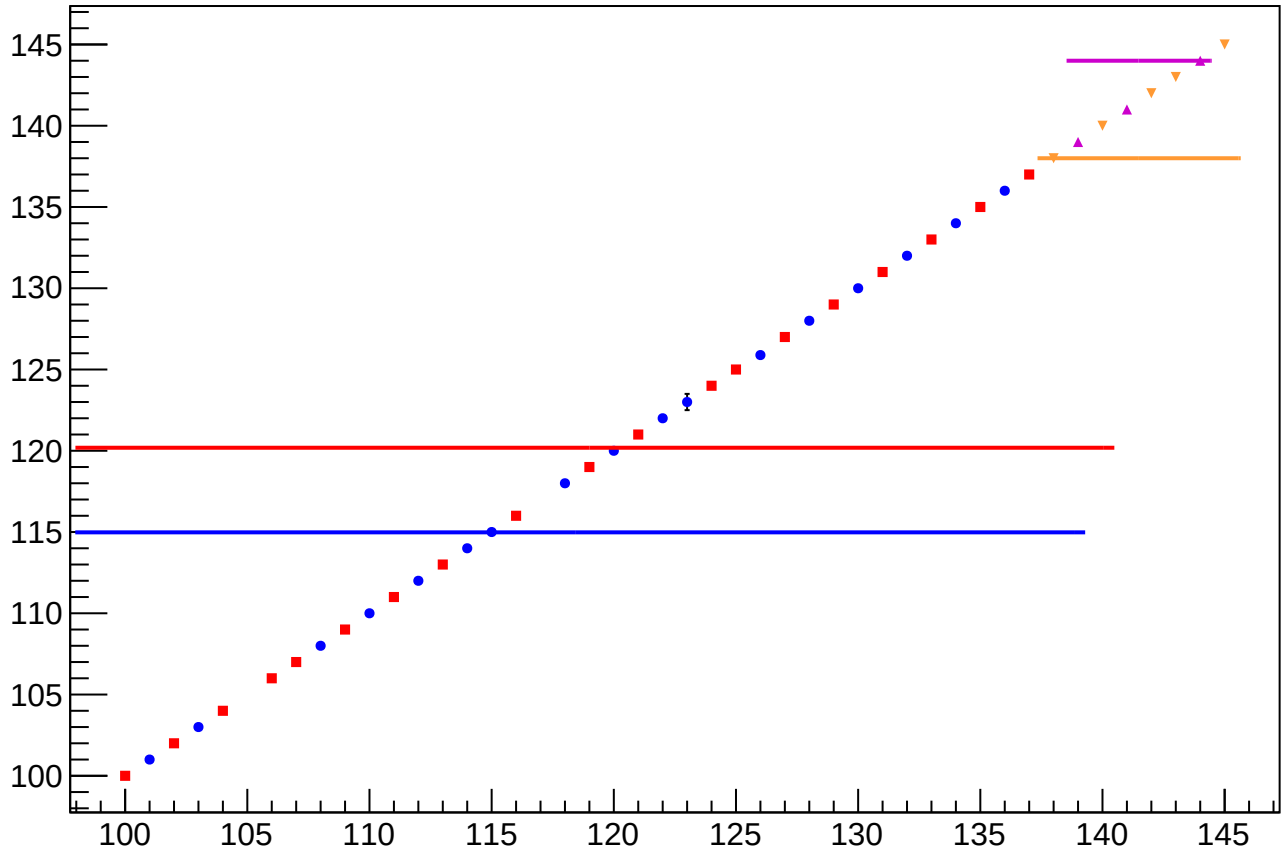
Left In: 6476.899+/-60.055 χ^2/NDF:15.1/2

+ sign 5774.116+/-0.181 χ^2/NDF: 1828562.3/19

All: 5828.995+/-0.111 χ^2/NDF: 2154287.1/38

- sign 5861.464+/-0.140 χ^2/NDF: 180140.5/18

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 138.000+/-0.000 χ^2/NDF:6785.0/4

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

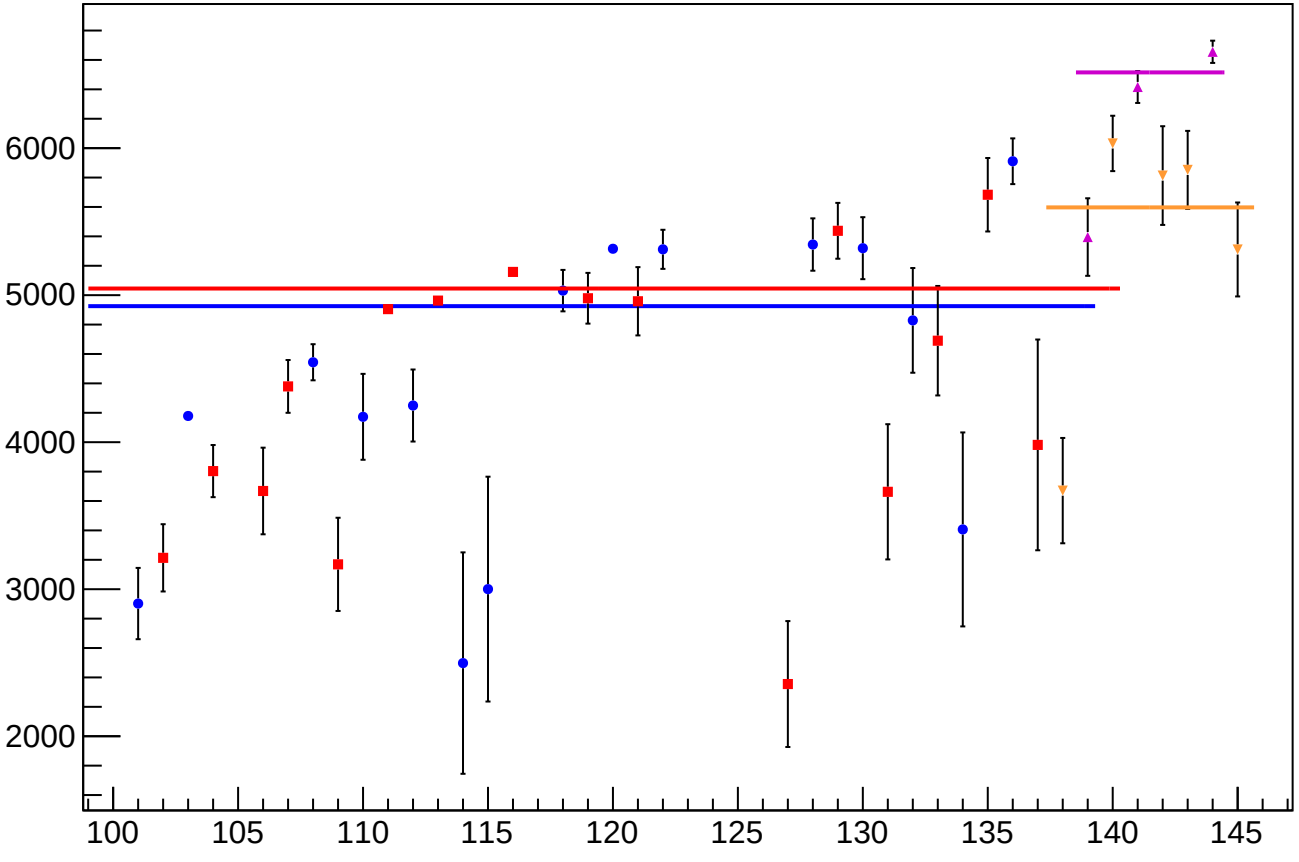
Left In: 144.000+/-0.000 χ^2/NDF:2790.0/2

+ sign 116.377+/-0.000 χ^2/NDF: 159793237837416

All: 118.926+/-0.000 χ^2/NDF: 29233096299

- sign 122.504+/-0.000 χ^2/NDF: 107997867116813

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 5597.018+/-120.498 χ^2/NDF:36.4/4

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

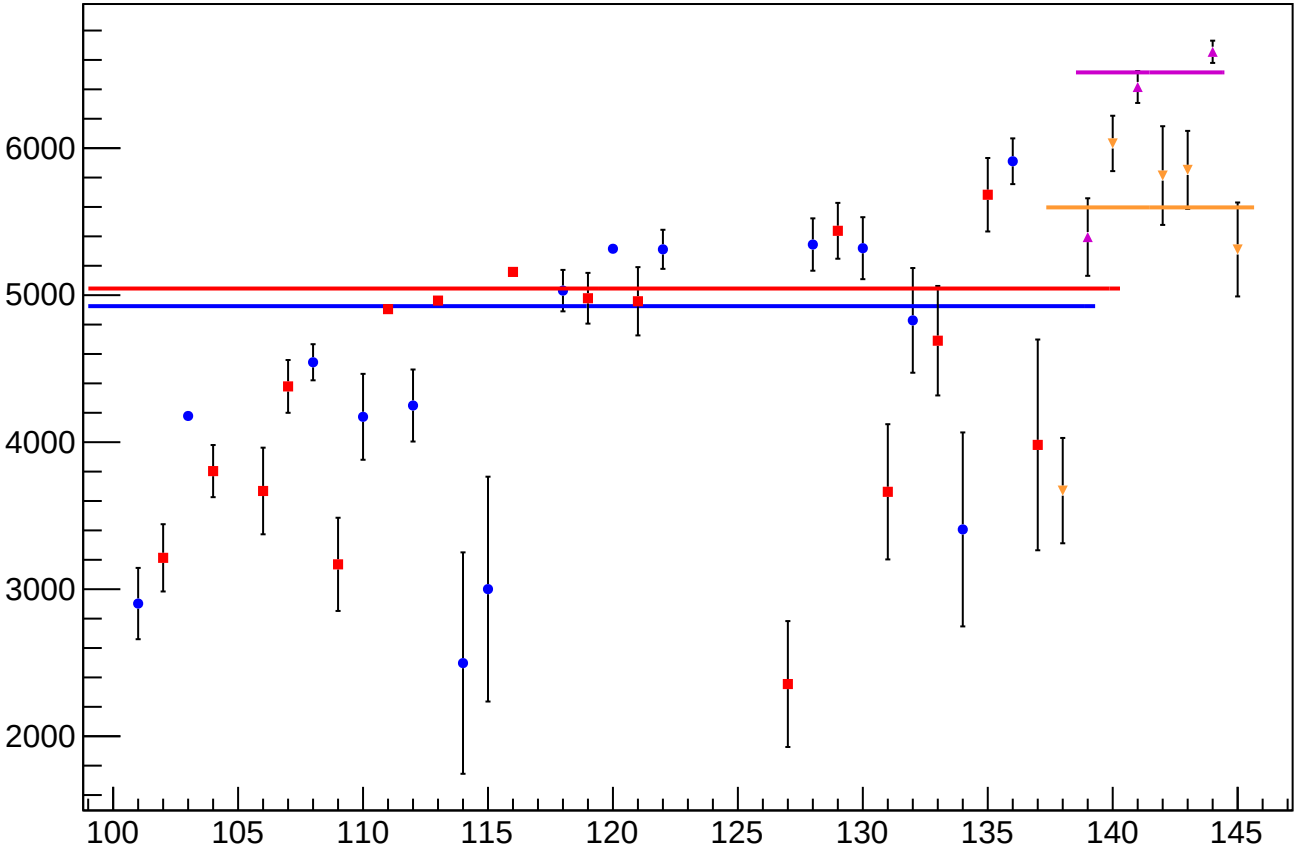
Left In: 6515.207+/-60.441 χ^2/NDF:22.3/2

+ sign 4925.346+/-0.939 χ^2/NDF: 331062.0/19

All: 5005.057+/-0.544 χ^2/NDF: 372716.6/38

- sign 5045.401+/-0.668 χ^2/NDF: 30793.6/18

dit_cyclenum_rms vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 5597.018+/-120.498 χ^2/NDF:36.4/4

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

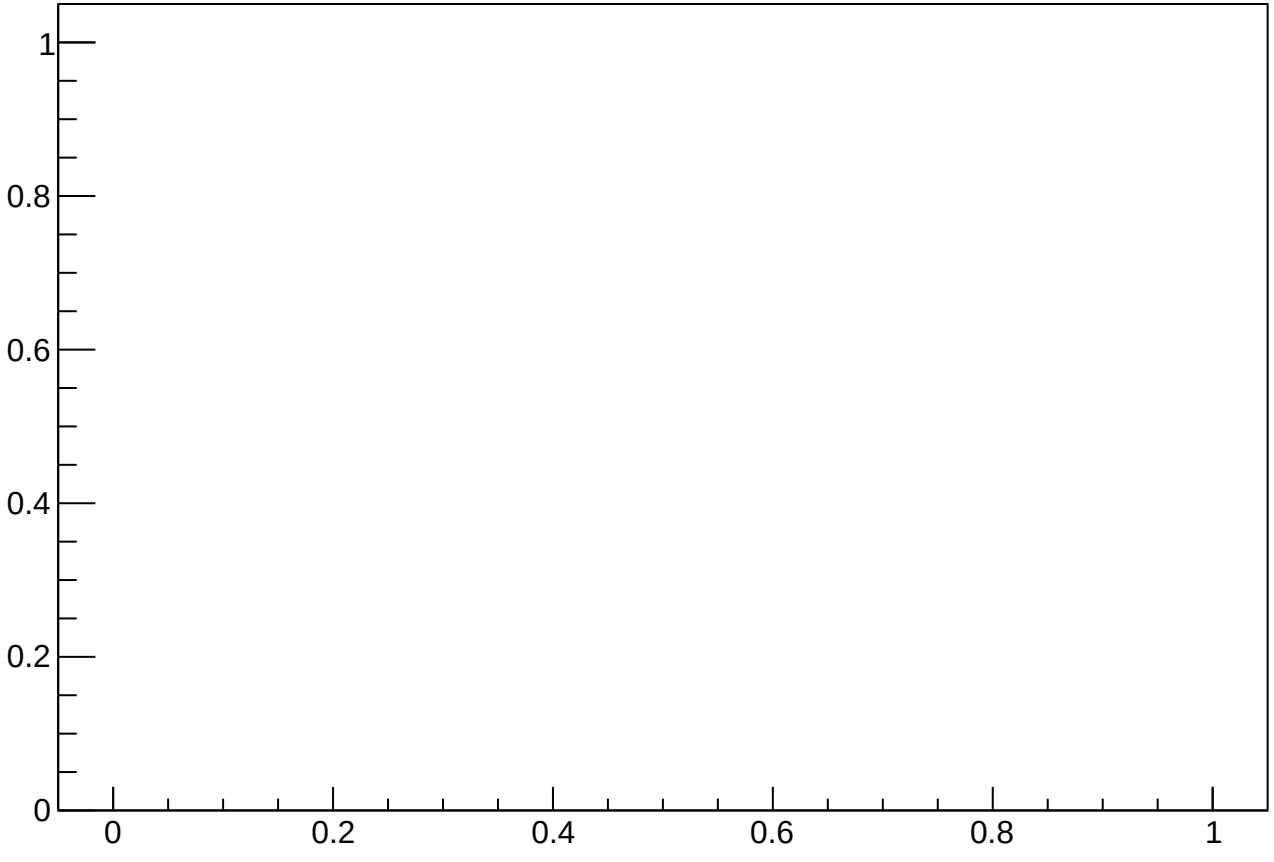
Left In: 6515.207+/-60.441 χ^2/NDF:22.3/2

+ sign 4925.346+/-0.939 χ^2/NDF: 331062.0/19

All: 5005.057+/-0.544 χ^2/NDF: 372716.6/38

- sign 5045.401+/-0.668 χ^2/NDF: 30793.6/18

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

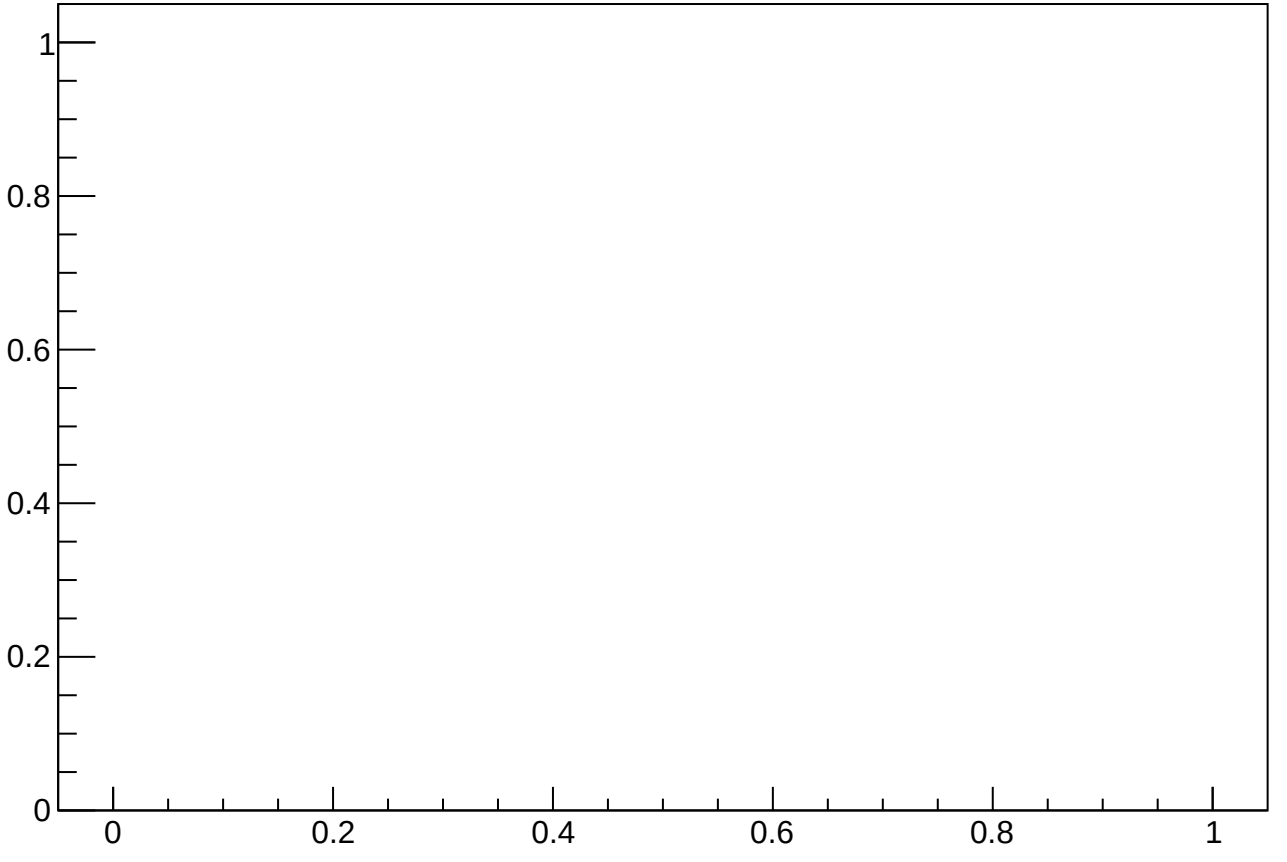
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

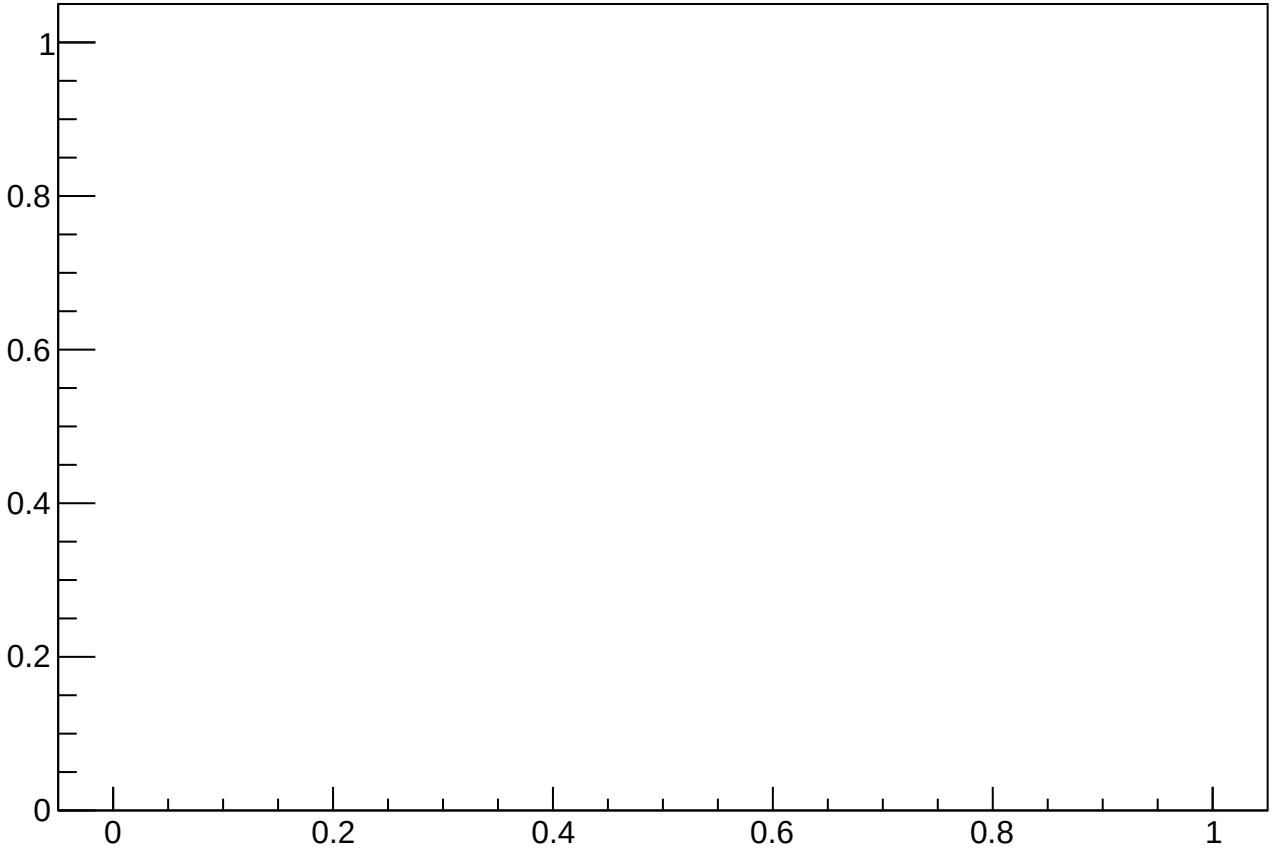
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

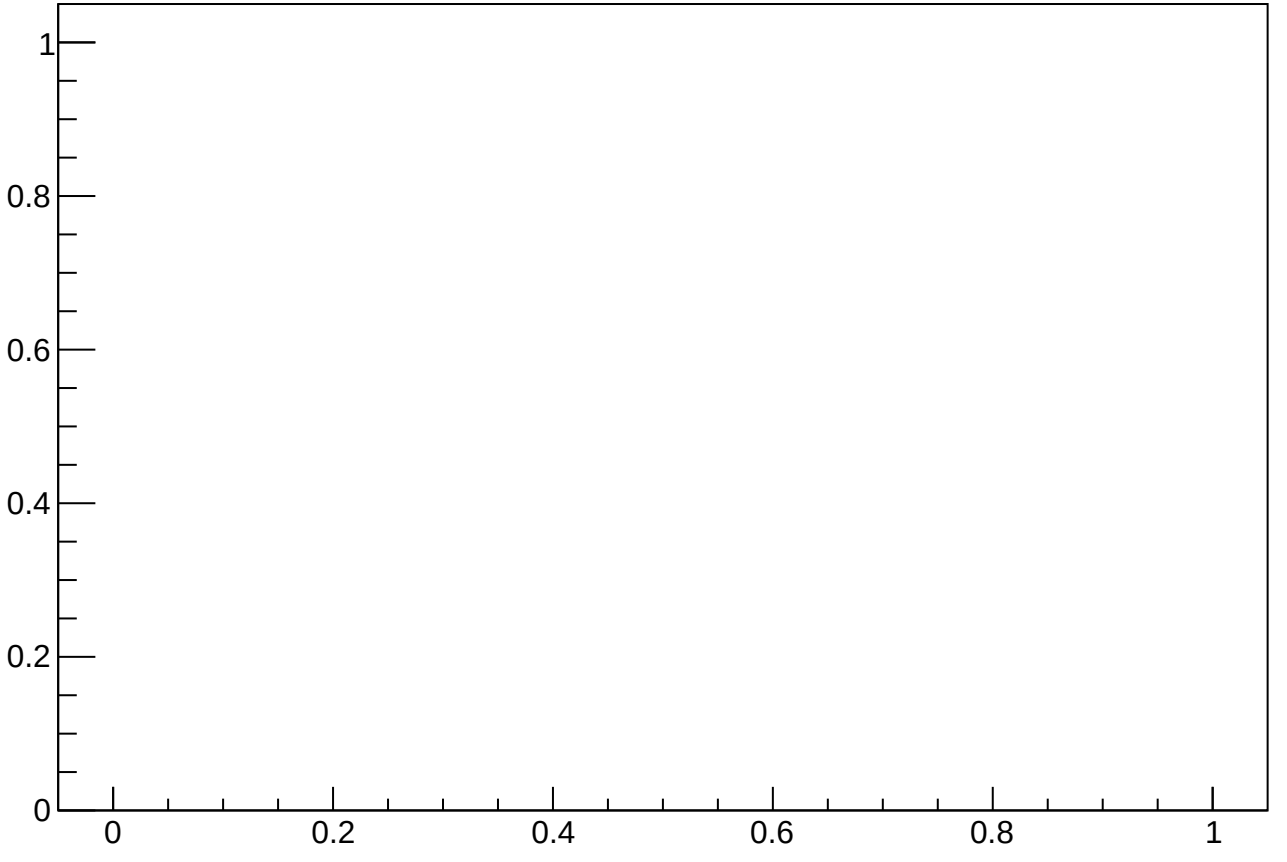
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

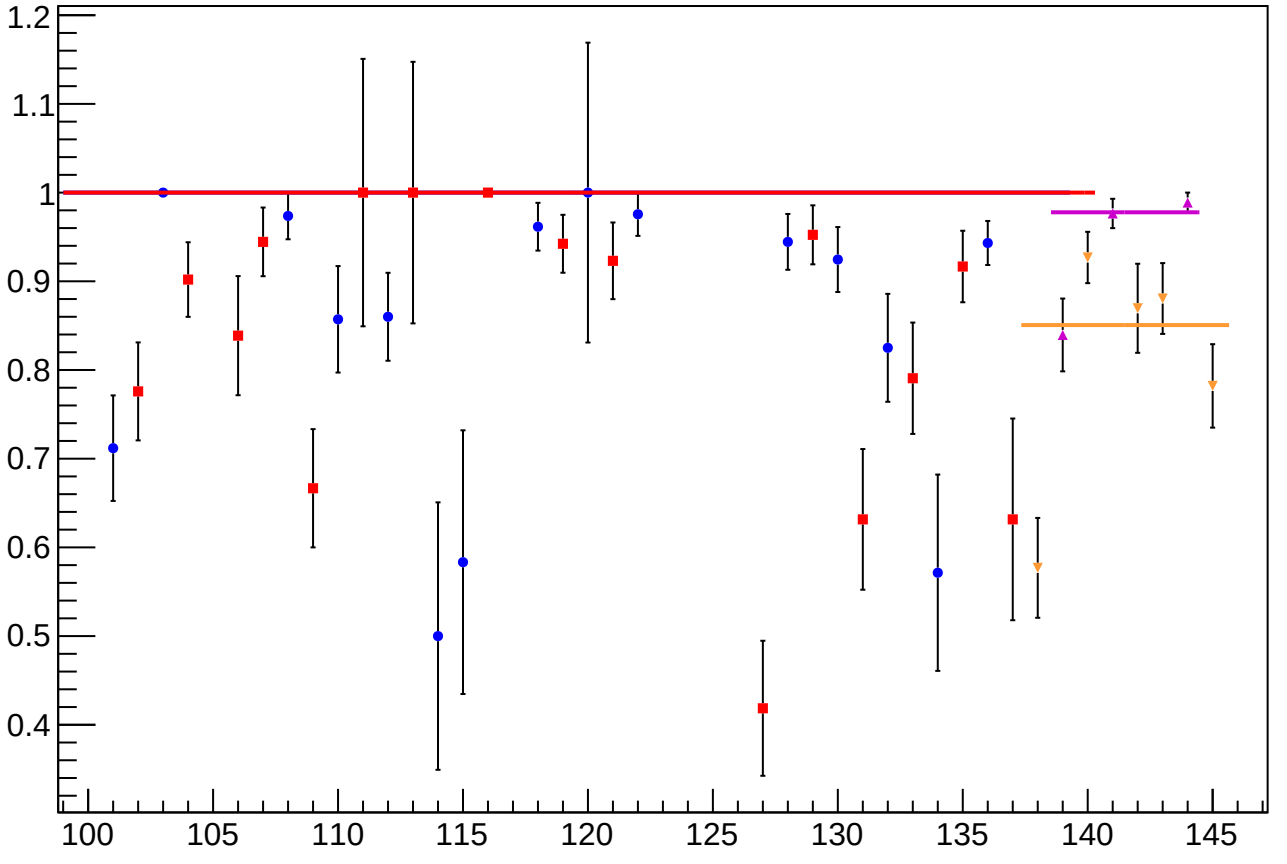
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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: 0.851+/-0.018 χ^2/NDF:33.4/4

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

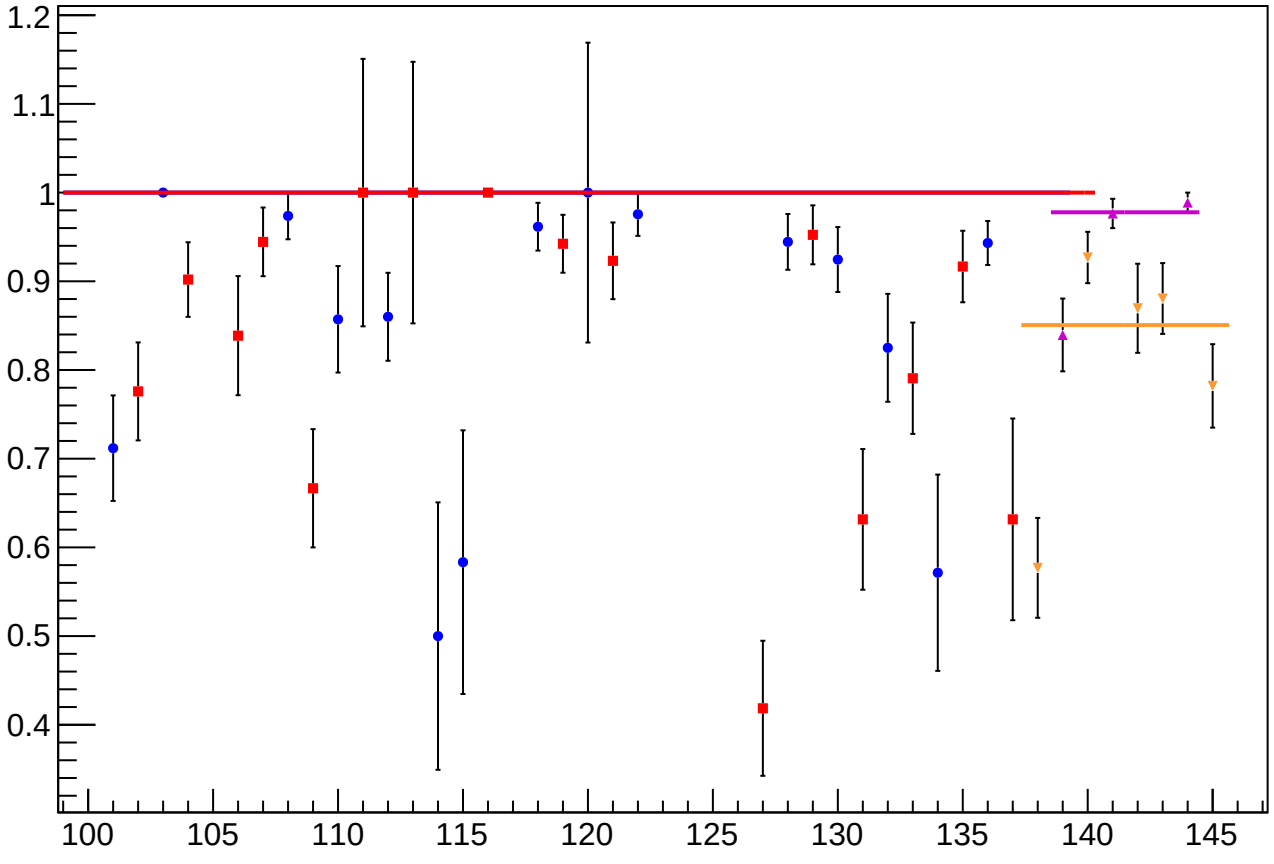
Left In: 0.978+/-0.009 χ^2/NDF:12.3/2

+ sign 1.000+/-0.000 χ^2/NDF: 195.9/19

All: 1.000+/-0.000 χ^2/NDF: 466.1/38

- sign 1.000+/-0.000 χ^2/NDF: 187.2/18

dit_flag_rms vs Slug



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.851+/-0.018 χ^2/NDF:33.4/4

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

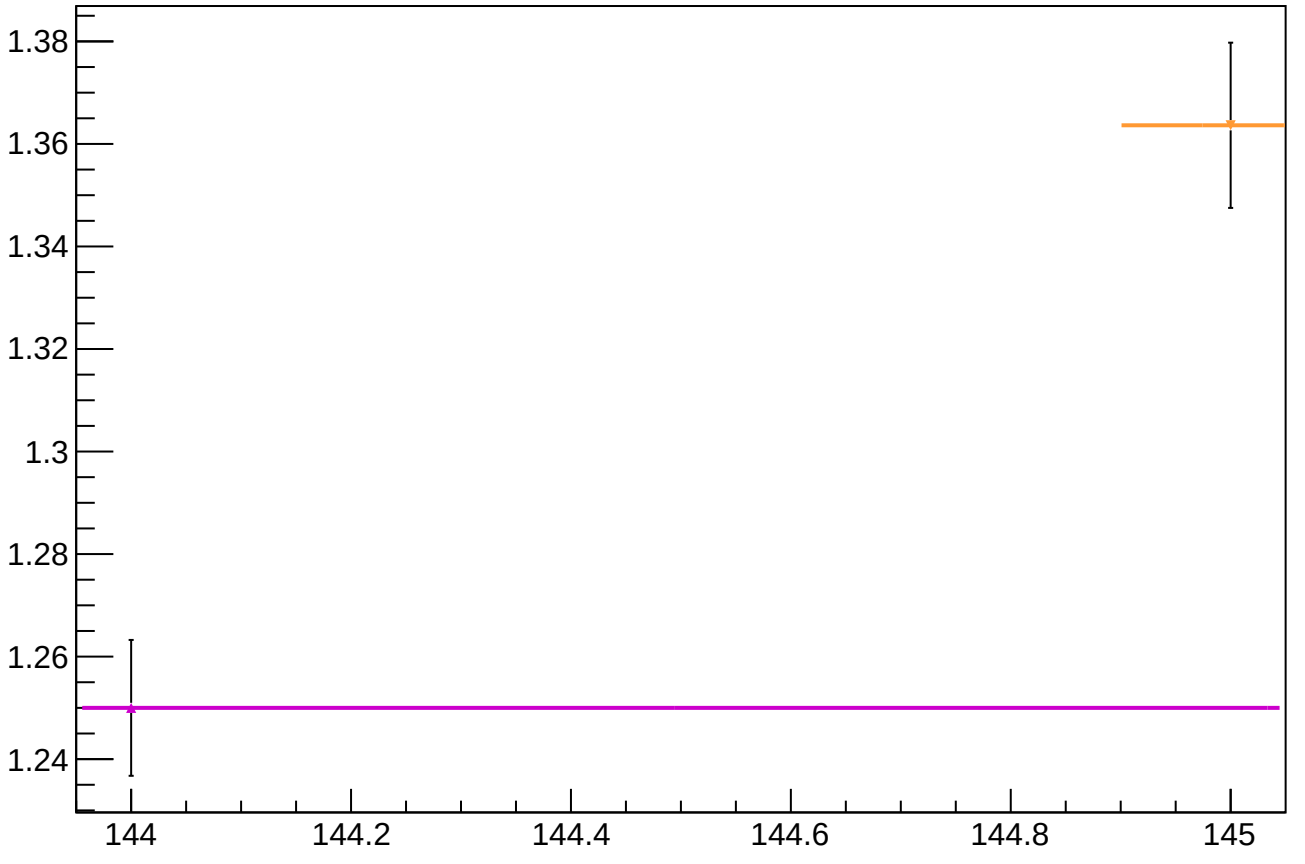
Left In: 0.978+/-0.009 χ^2/NDF:12.3/2

+ sign 1.000+/-0.000 χ^2/NDF: 195.9/19

All: 1.000+/-0.000 χ^2/NDF: 466.1/38

- sign 1.000+/-0.000 χ^2/NDF: 187.2/18

dit_segment_slope vs Slug



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

Left Out: 1.364+/-0.016 χ^2/NDF:0.0/0

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

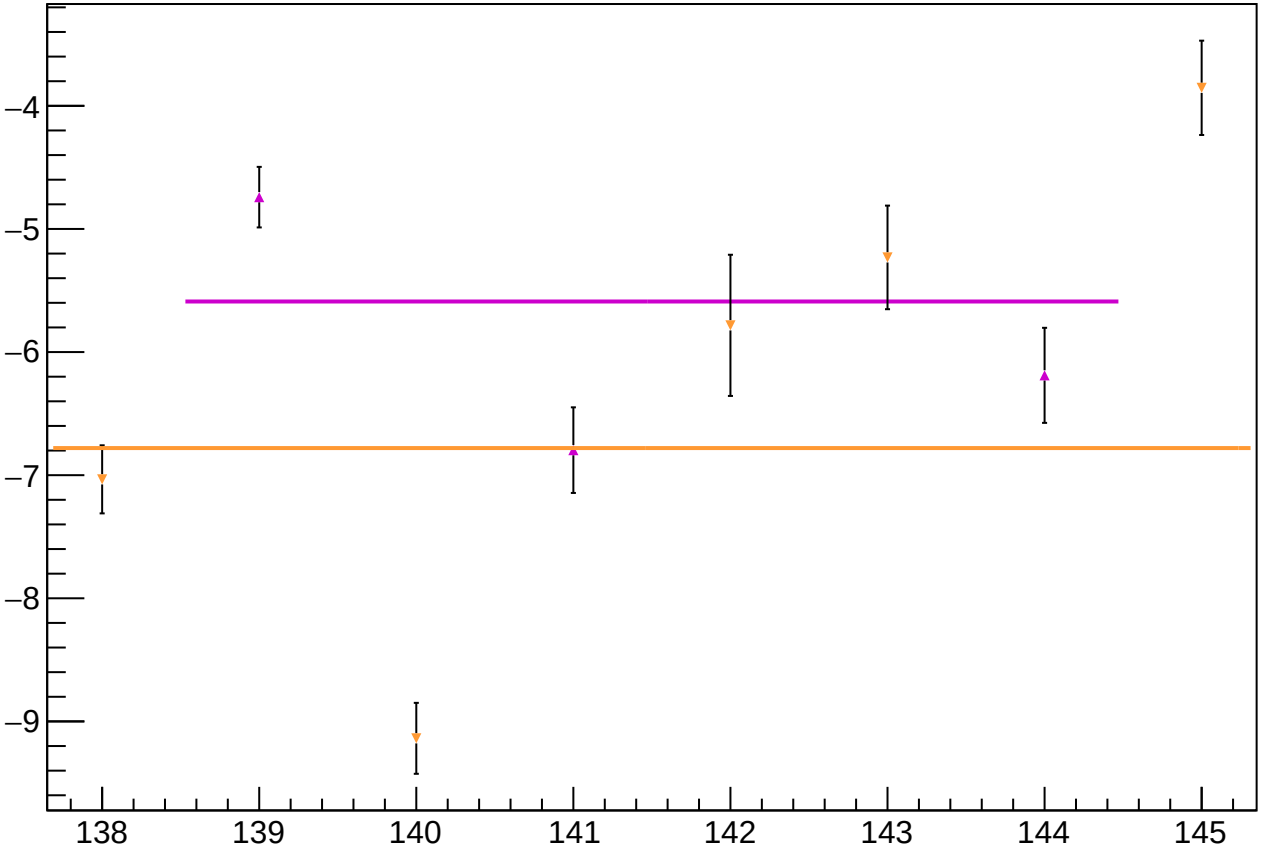
Left In: 1.250+/-0.013 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.296+/-0.010 χ^2/NDF: 29.7/1

- 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: -6.780+/-0.157 χ^2/NDF:142.7/4

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

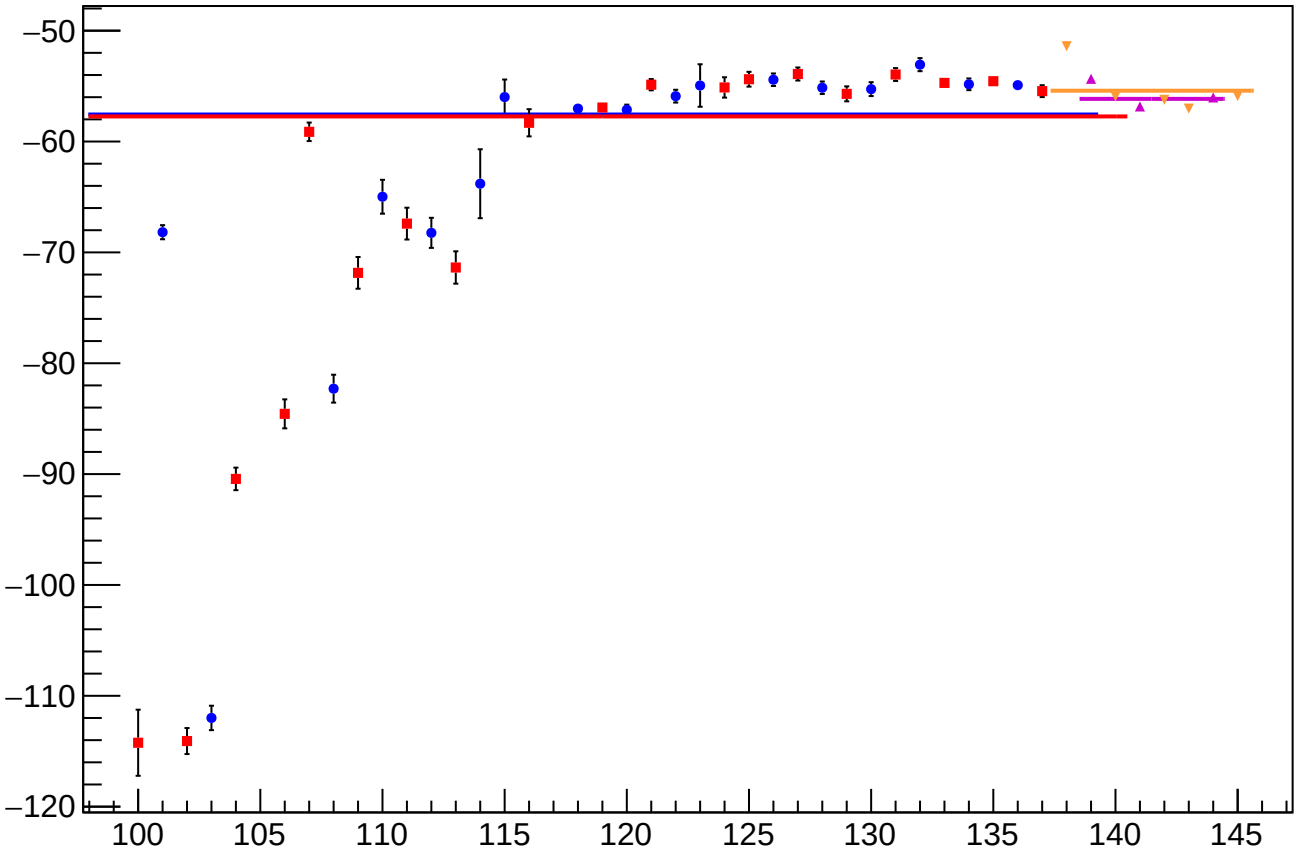
Left In: -5.589+/-0.178 χ^2/NDF:26.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.260+/-0.118 χ^2/NDF: 194.2/7

- 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: -55.415+/-0.134 χ^2/NDF:197.1/4

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

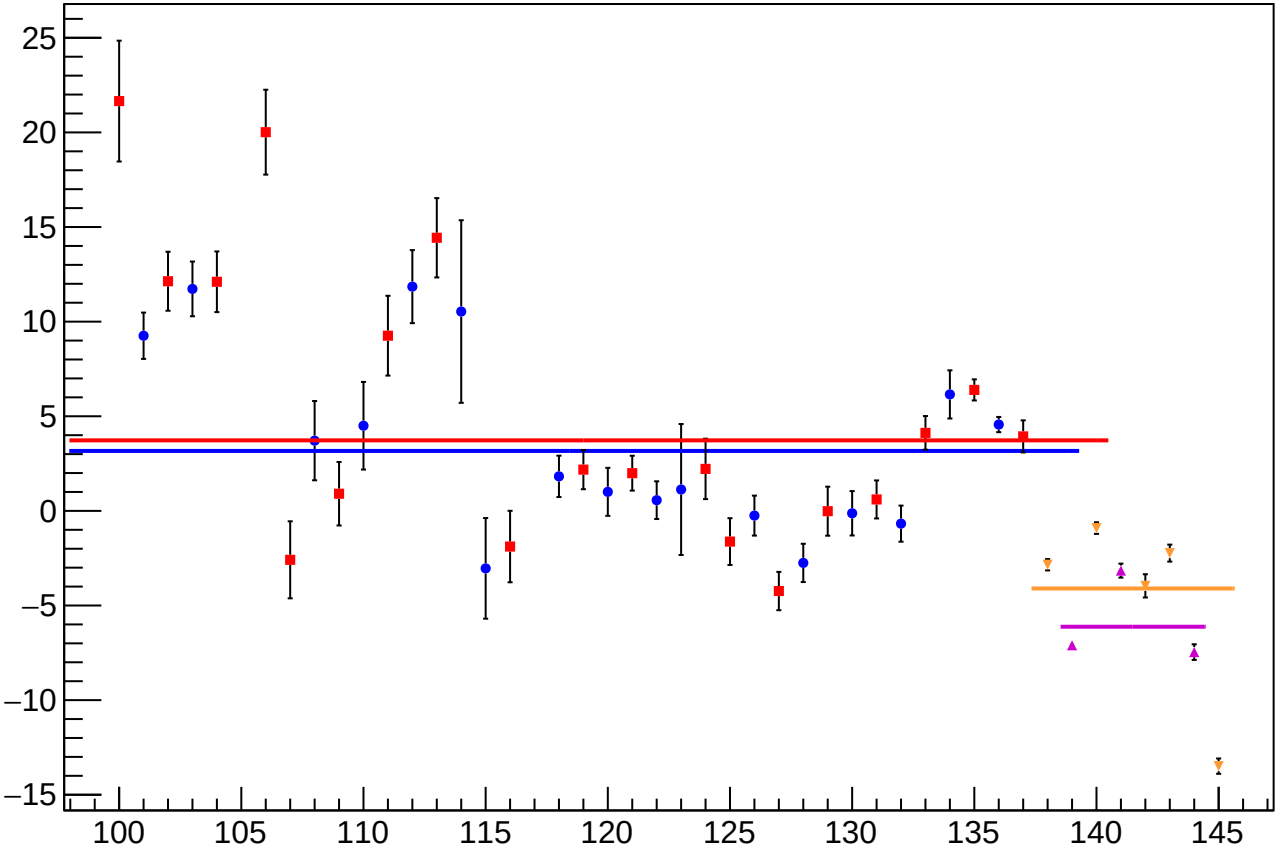
Left In: -56.152+/-0.172 χ^2/NDF:24.2/2

+ sign -56.431+/-0.097 χ^2/NDF: 3774.6/21

All: -56.719+/-0.073 χ^2/NDF: 8567.5/43

- sign -57.088+/-0.110 χ^2/NDF: 4772.8/21

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -4.100+/-0.168 χ^2/NDF:681.8/4

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

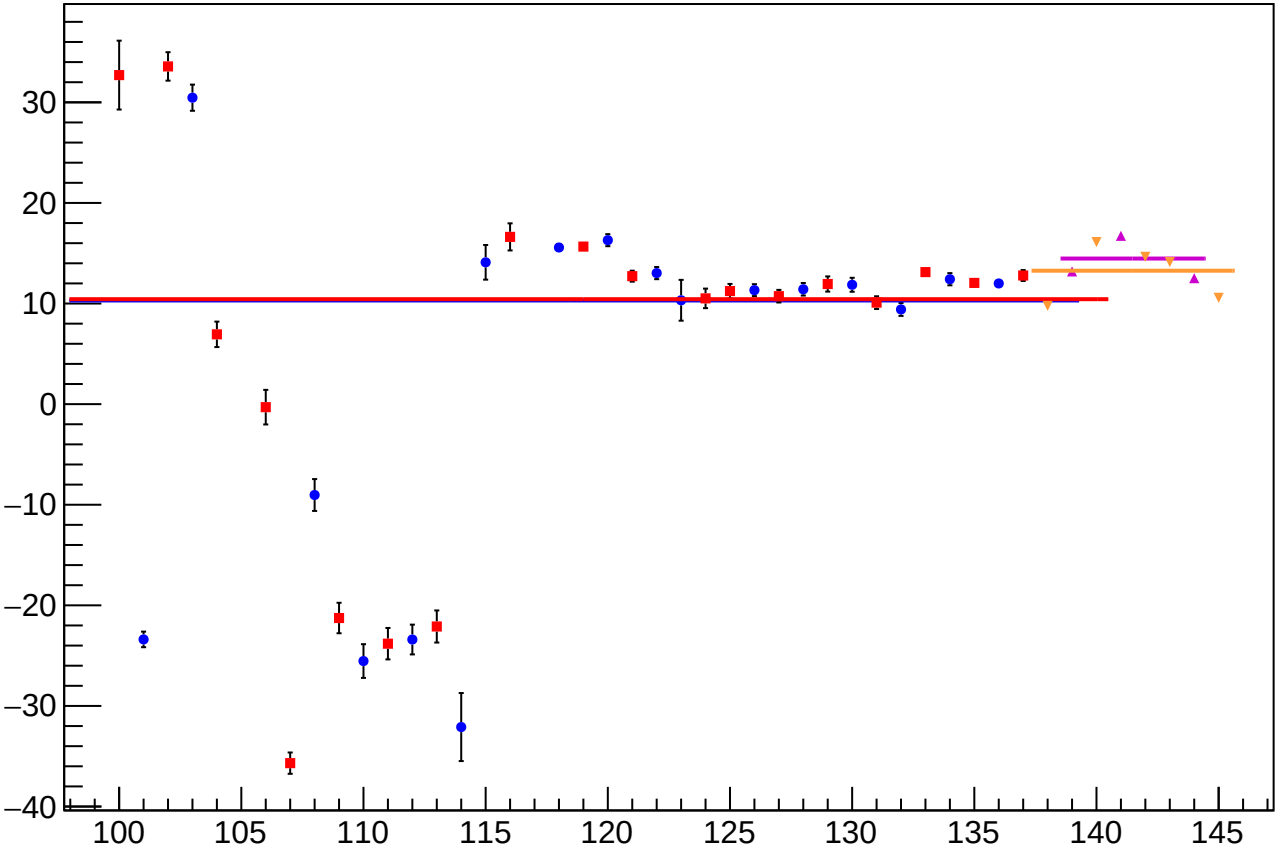
Left In: -6.122+/-0.191 χ^2/NDF:88.3/2

+ sign -1.933+/-0.141 χ^2/NDF: 1426.1/21

All: -2.314+/-0.104 χ^2/NDF: 2752.1/43

- sign -2.779+/-0.156 χ^2/NDF: 1309.7/21

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 13.263+/-0.157 χ^2/NDF:264.9/4

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

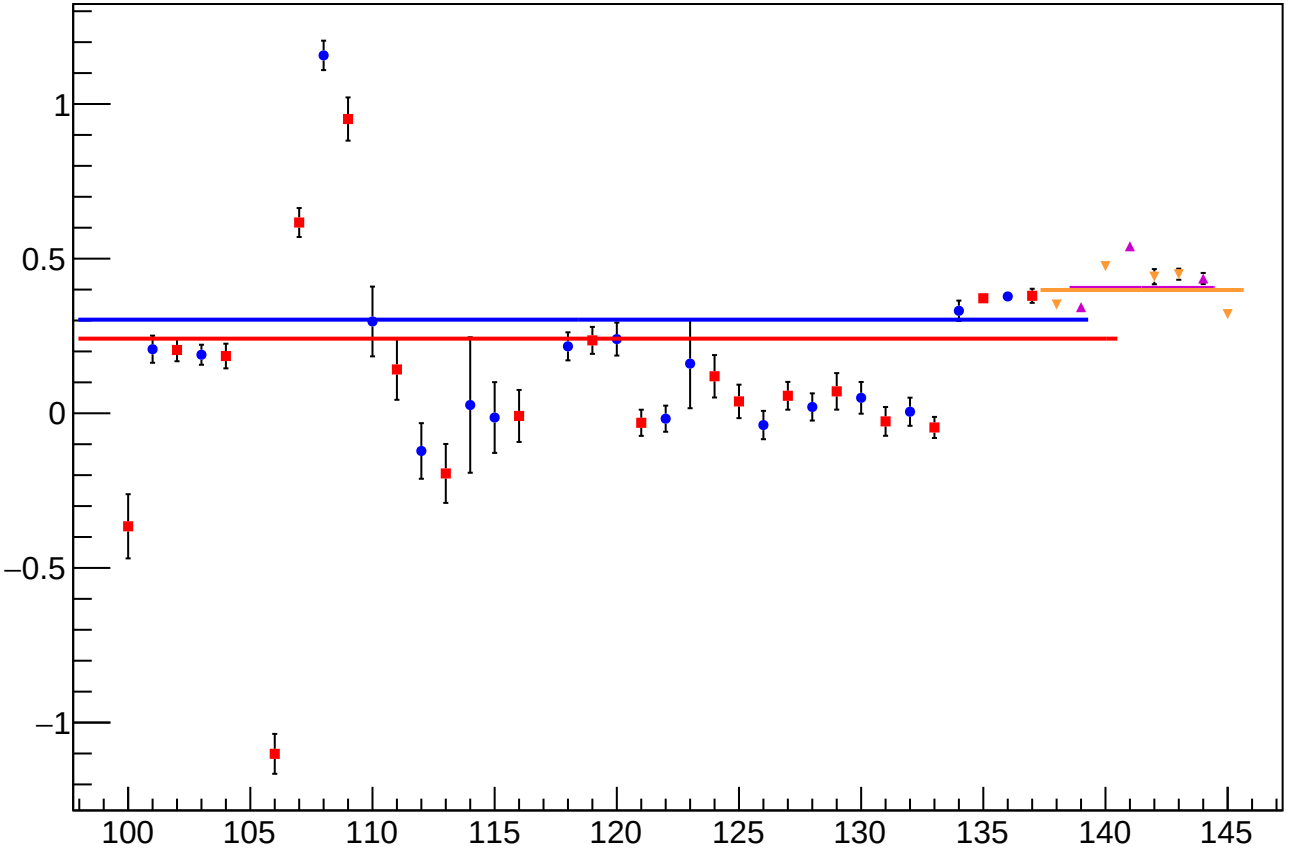
Left In: 14.472+/-0.197 χ^2/NDF:101.0/2

+ sign 11.786+/-0.111 χ^2/NDF: 4155.2/21

All: 11.898+/-0.083 χ^2/NDF: 8340.8/43

- sign 12.040+/-0.124 χ^2/NDF: 4183.3/21

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.399+/-0.007 χ^2/NDF:85.6/4

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

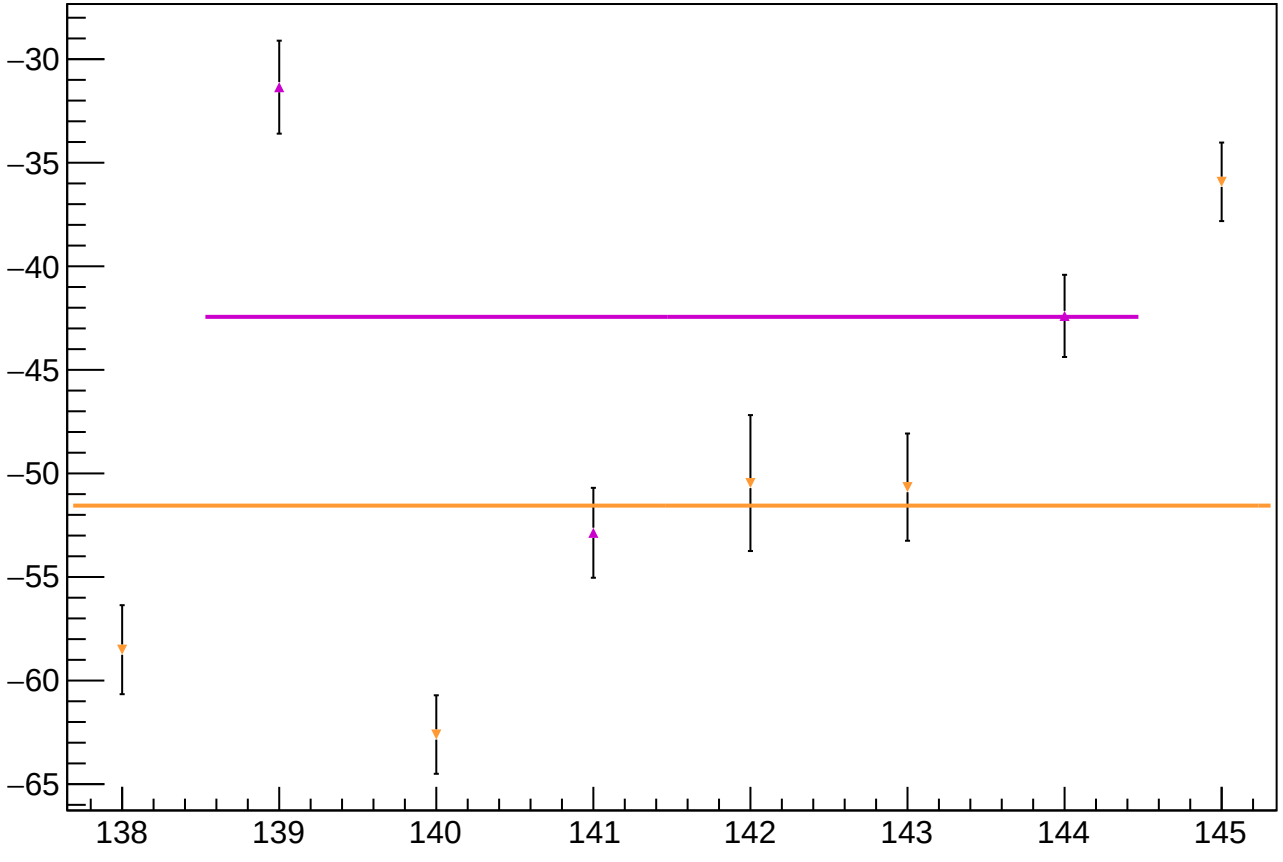
Left In: 0.405+/-0.007 χ^2/NDF:128.7/2

+ sign 0.360+/-0.005 χ^2/NDF: 813.7/21

All: 0.349+/-0.004 χ^2/NDF: 2154.4/43

- sign 0.336+/-0.006 χ^2/NDF: 1330.8/21

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -51.554+/-0.992 χ^2/NDF:112.7/4

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

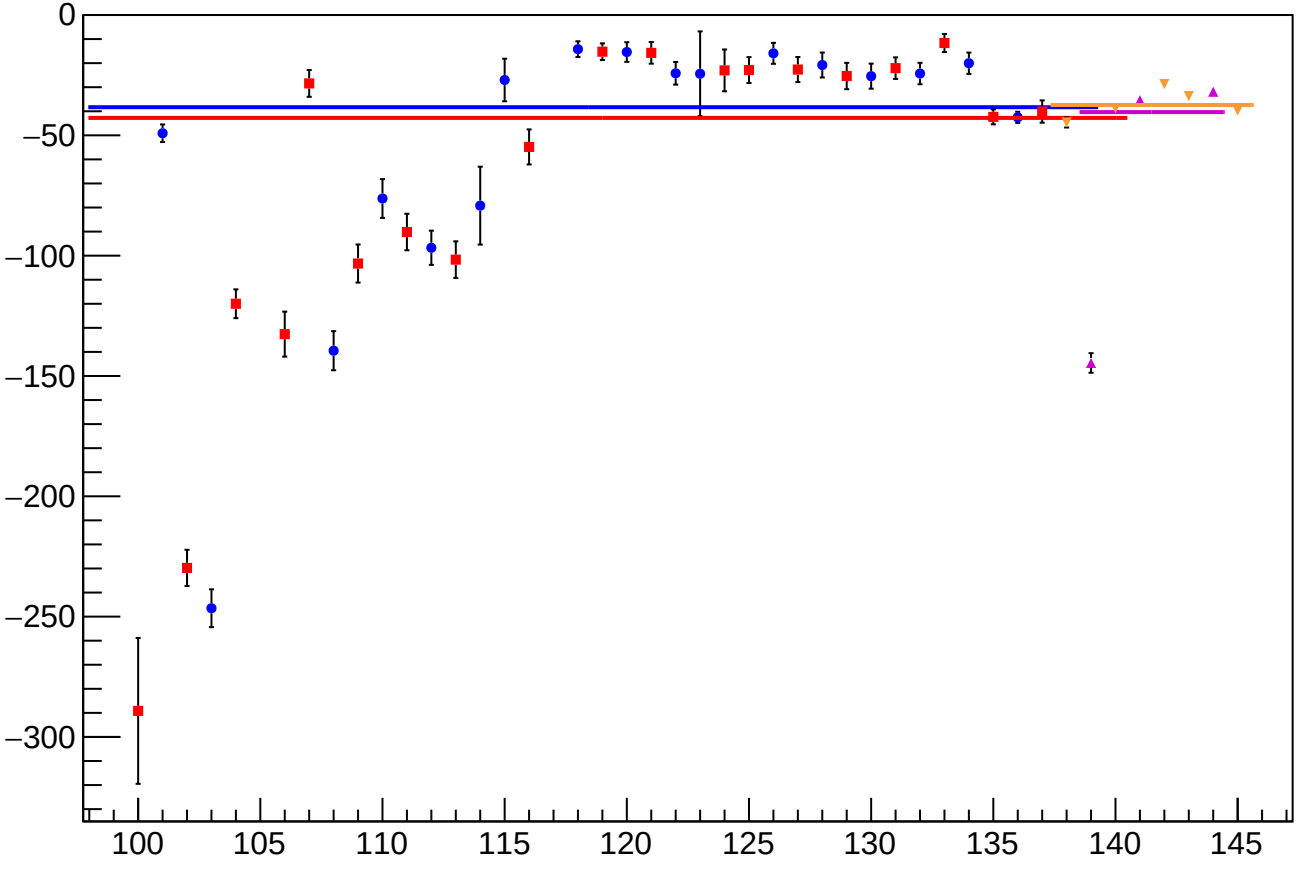
Left In: -42.441+/-1.226 χ^2/NDF:47.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -47.948+/-0.771 χ^2/NDF: 193.5/7

- 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: -37.389+/-0.786 χ^2/NDF:36.9/4

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

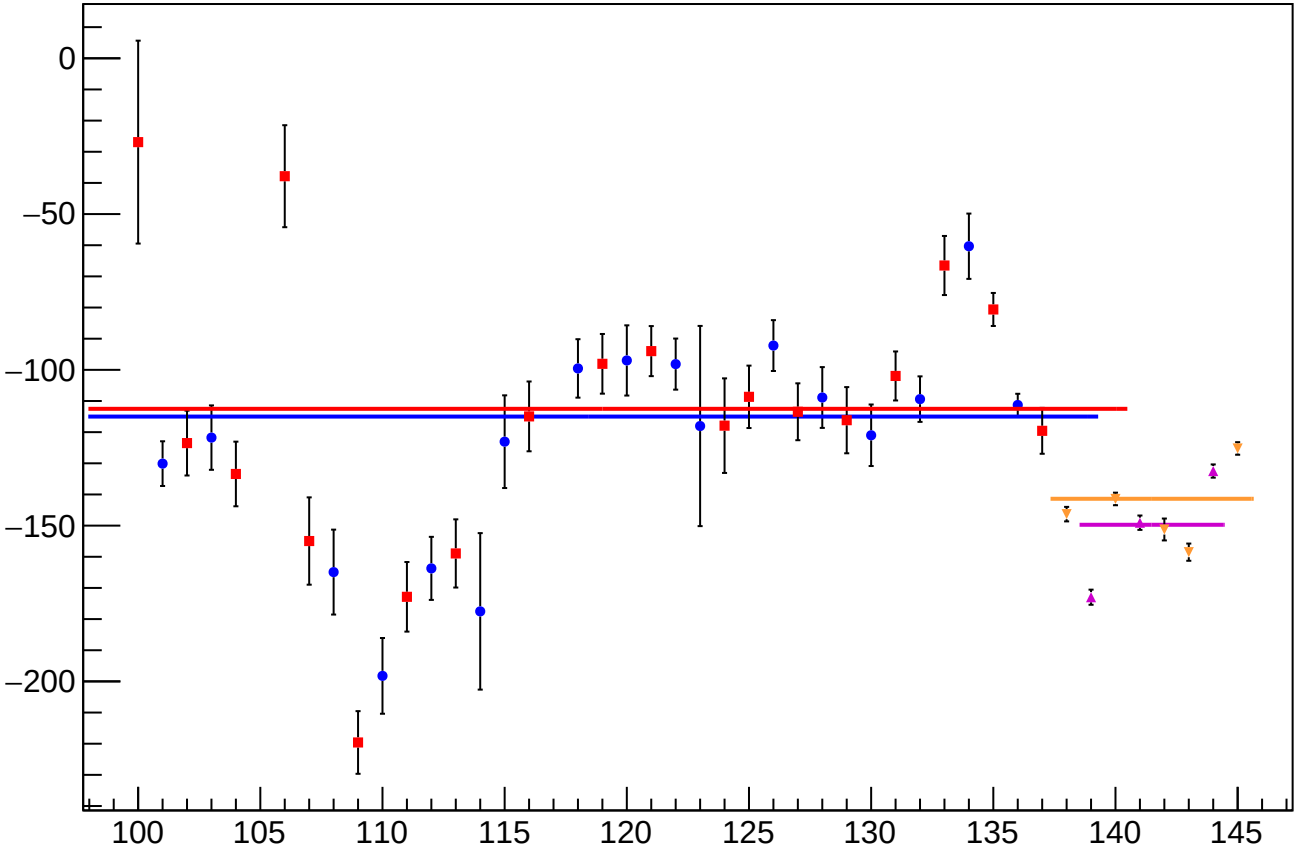
Left In: -40.343+/-1.011 χ^2/NDF:701.6/2

+ sign -37.686+/-0.646 χ^2/NDF: 1170.0/21

All: -39.180+/-0.497 χ^2/NDF: 3228.6/43

- sign -41.335+/-0.776 χ^2/NDF: 2045.5/21

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -141.384+/-1.061 χ^2/NDF:114.9/4

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

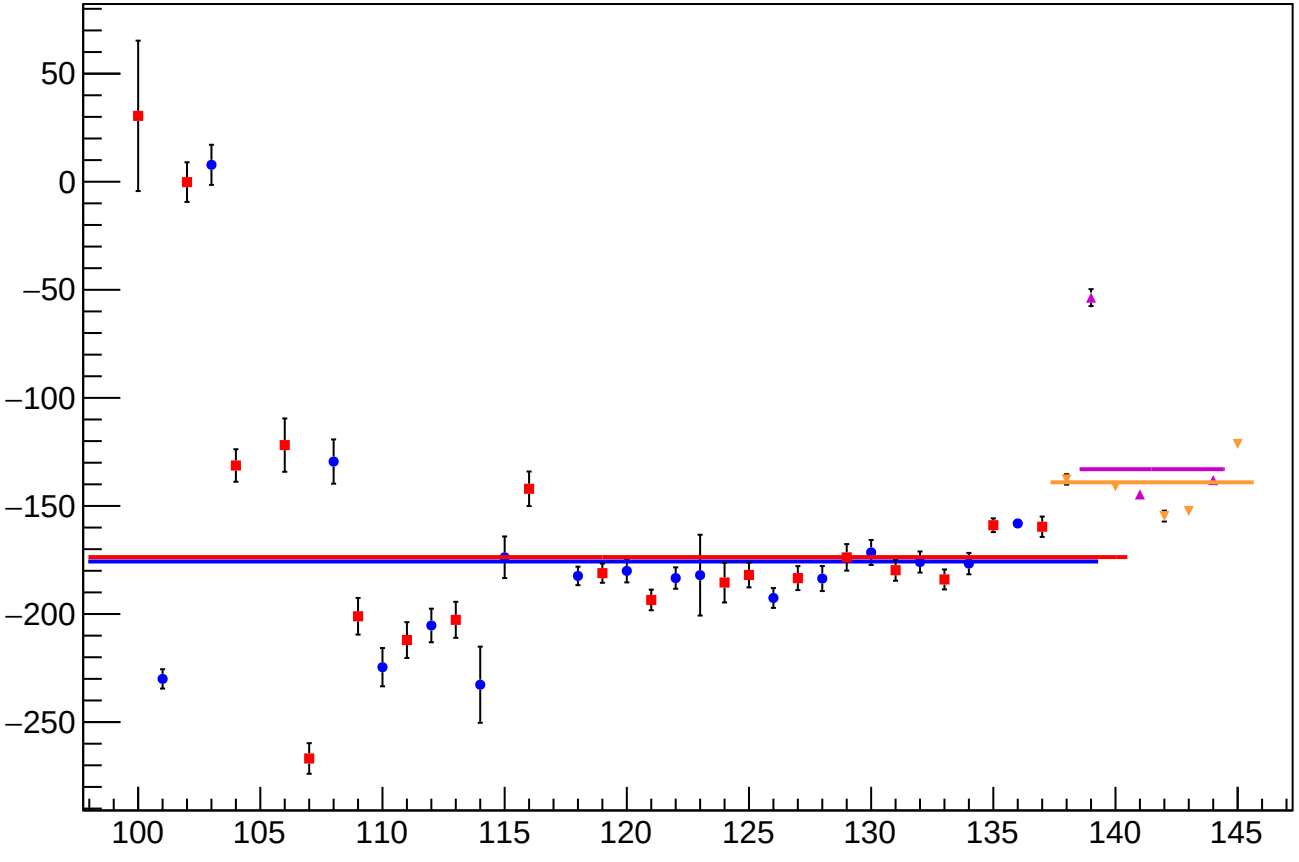
Left In: -149.730+/-1.314 χ^2/NDF:157.6/2

+ sign -135.900+/-0.945 χ^2/NDF: 385.1/21

All: -137.580+/-0.725 χ^2/NDF: 1033.6/43

- sign -139.982+/-1.129 χ^2/NDF: 640.7/21

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -139.072+/-0.931 χ^2/NDF:180.2/4

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

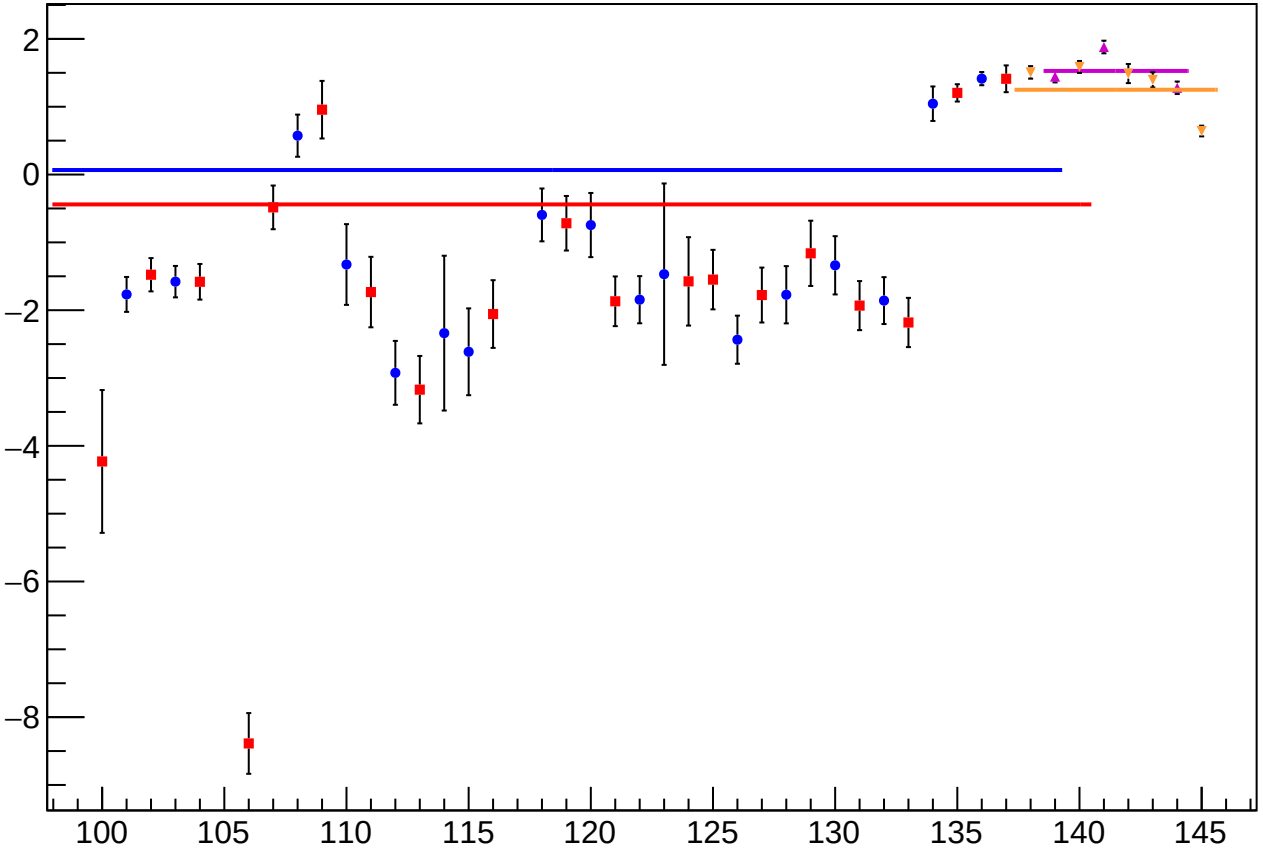
Left In: -132.999+/-1.188 χ^2/NDF:458.1/2

+ sign -151.898+/-0.750 χ^2/NDF: 1415.5/21

All: -151.390+/-0.575 χ^2/NDF: 3121.2/43

- sign -150.668+/-0.894 χ^2/NDF: 1704.6/21

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.250+/-0.043 χ^2/NDF:86.1/4

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

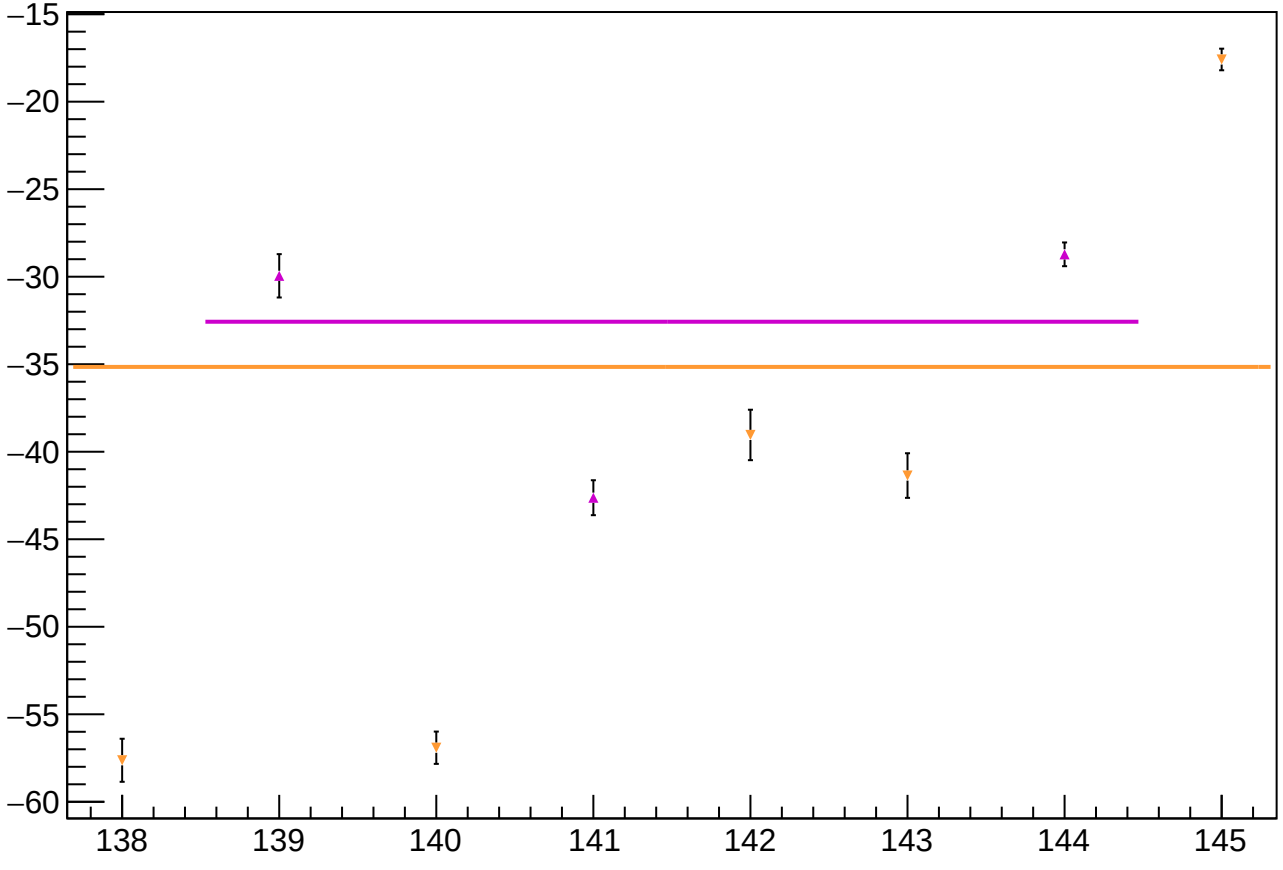
Left In: 1.528+/-0.052 χ^2/NDF:22.5/2

+ sign 0.904+/-0.036 χ^2/NDF: 833.0/21

All: 0.877+/-0.027 χ^2/NDF: 2110.1/43

- sign 0.840+/-0.042 χ^2/NDF: 1275.8/21

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -35.154+/-0.424 χ^2/NDF:1731.3/4

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

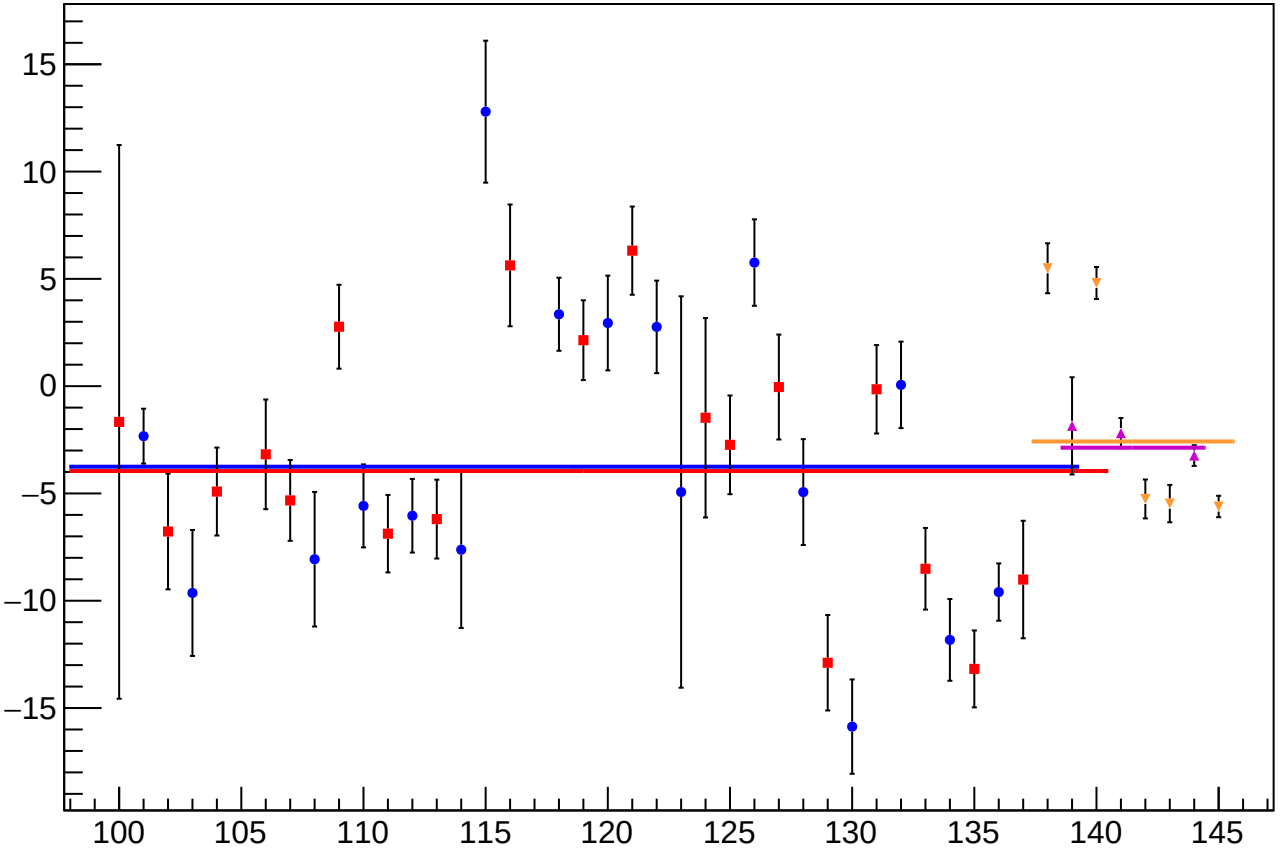
Left In: -32.573+/-0.511 χ^2/NDF:138.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -34.101+/-0.326 χ^2/NDF: 1884.6/7

- 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: -2.578+/-0.332 χ^2/NDF:203.0/4

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

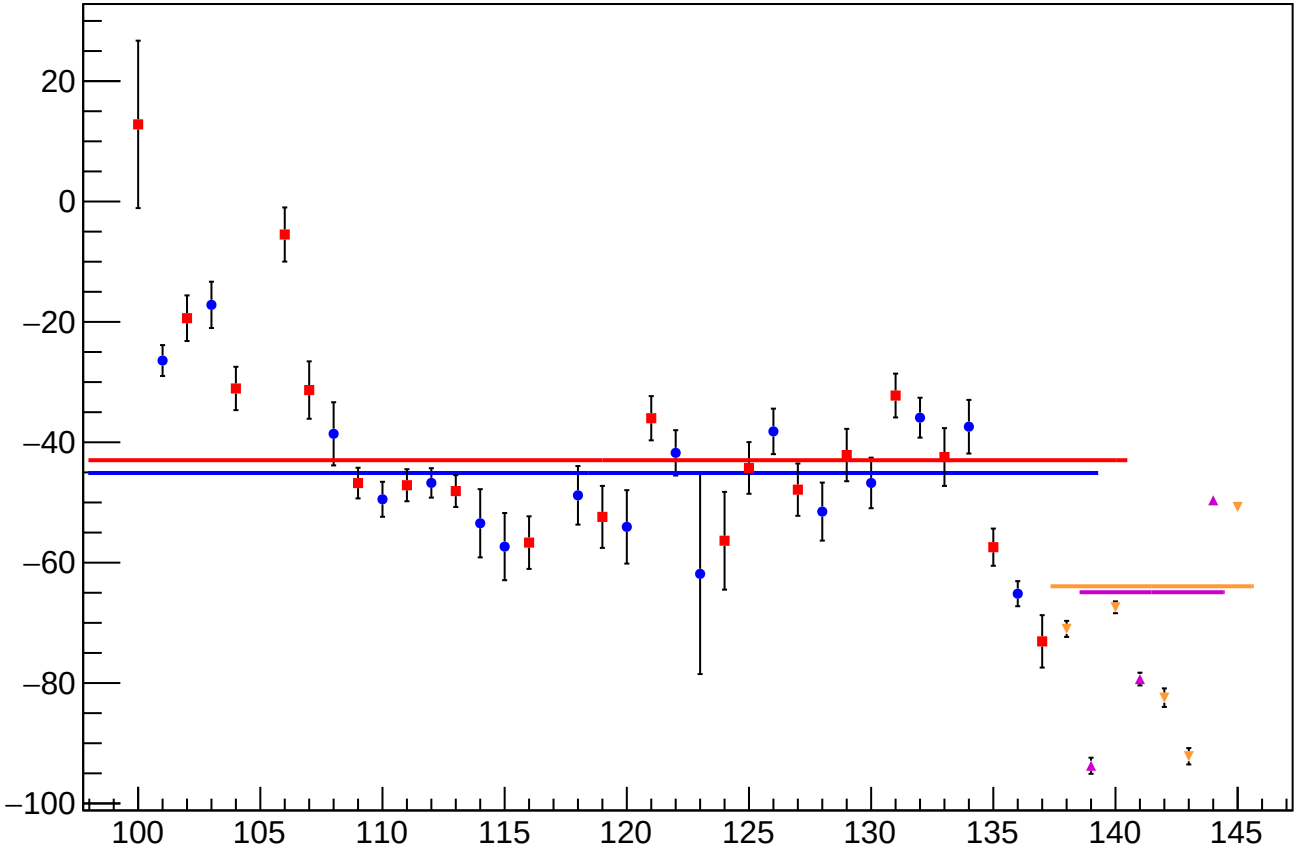
Left In: -2.869+/-0.392 χ^2/NDF:1.7/2

+ sign -2.942+/-0.276 χ^2/NDF: 372.2/21

All: -3.089+/-0.206 χ^2/NDF: 500.7/43

- sign -3.276+/-0.310 χ^2/NDF: 127.9/21

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -63.923+/-0.452 χ^2/NDF:1020.1/4

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

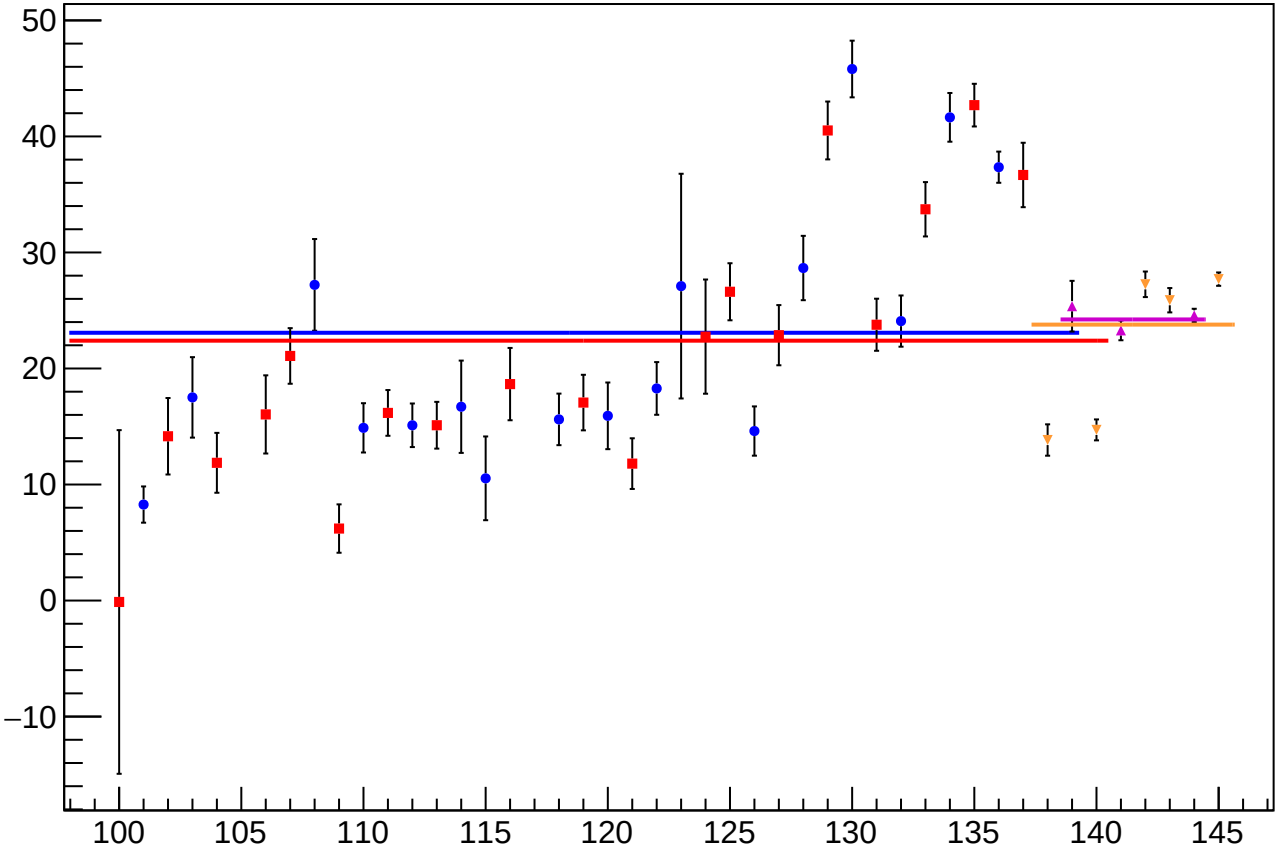
Left In: -64.910+/-0.547 χ^2/NDF:1090.5/2

+ sign -59.996+/-0.402 χ^2/NDF: 1611.3/21

All: -59.469+/-0.304 χ^2/NDF: 3404.5/43

- sign -58.767+/-0.464 χ^2/NDF: 1789.2/21

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 23.782+/-0.392 χ^2/NDF:215.4/4

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

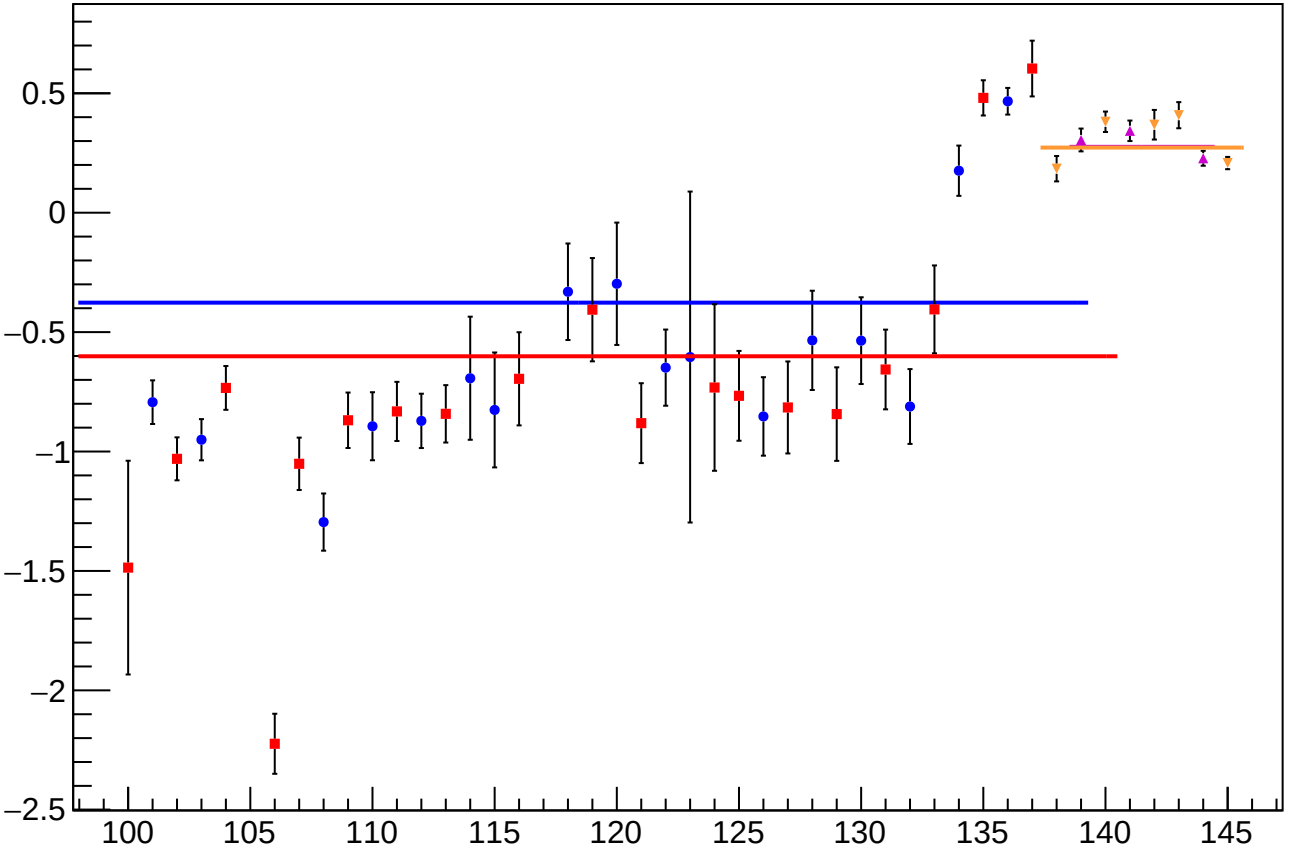
Left In: 24.227+/-0.464 χ^2/NDF:1.9/2

+ sign 23.549+/-0.320 χ^2/NDF: 677.6/21

All: 23.528+/-0.239 χ^2/NDF: 1055.9/43

- sign 23.501+/-0.361 χ^2/NDF: 378.3/21

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.273+/-0.018 χ^2/NDF:24.0/4

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

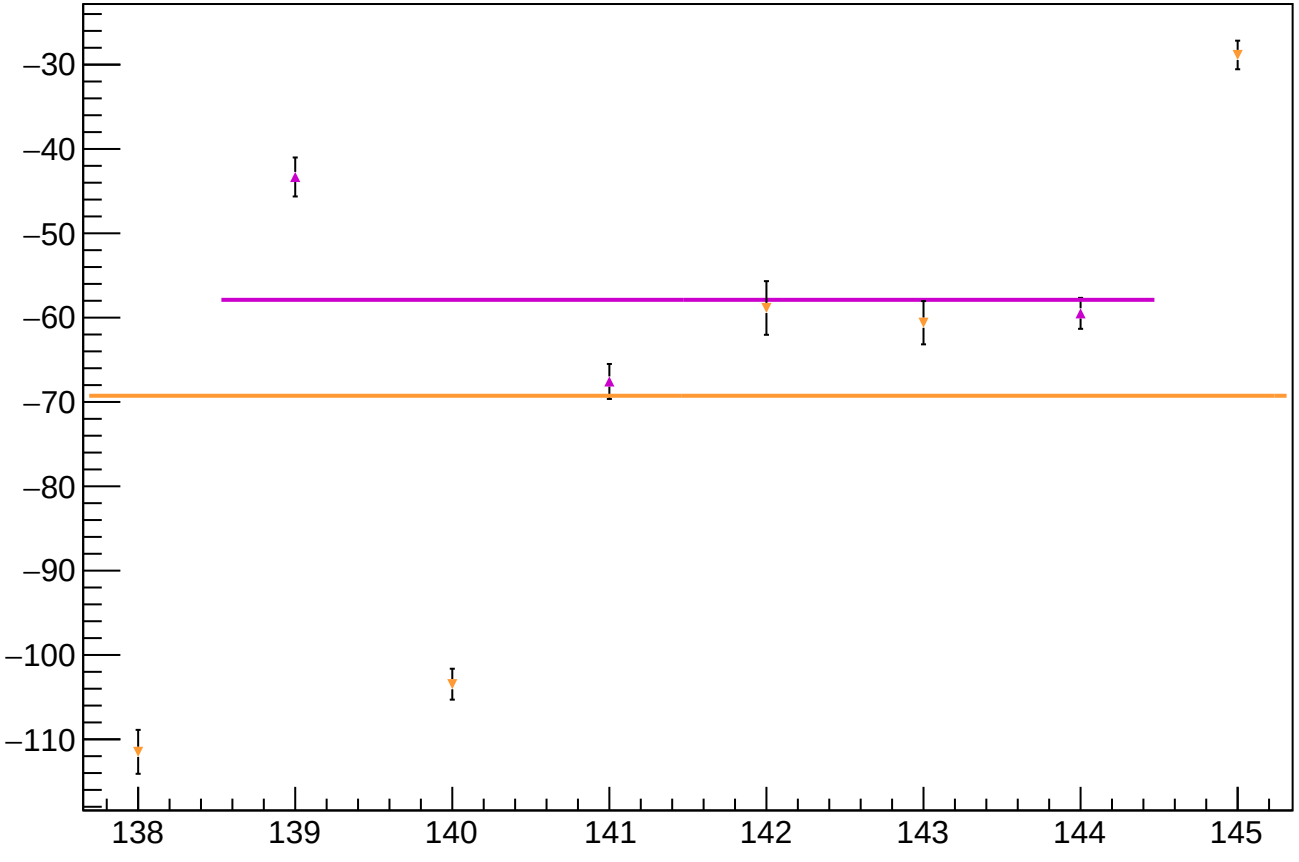
Left In: 0.276+/-0.022 χ^2/NDF:5.2/2

+ sign 0.098+/-0.016 χ^2/NDF: 802.0/21

All: 0.041+/-0.012 χ^2/NDF: 1939.6/43

- sign -0.034+/-0.018 χ^2/NDF: 1106.6/21

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -69.264+/-0.979 χ^2/NDF:1201.5/4

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

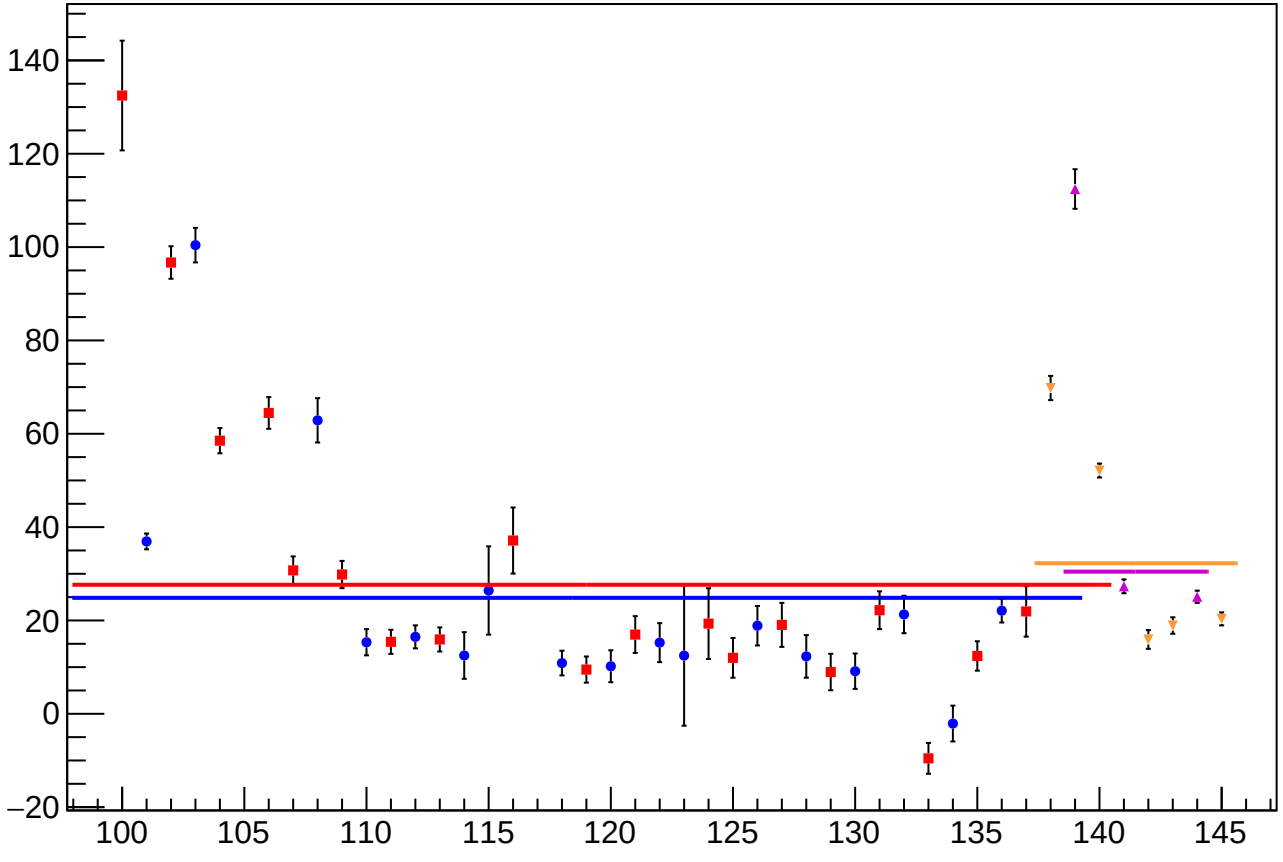
Left In: -57.888+/-1.181 χ^2/NDF:62.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -64.634+/-0.754 χ^2/NDF: 1318.7/7

- 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: 32.262+/-0.773 χ^2/NDF:580.9/4

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

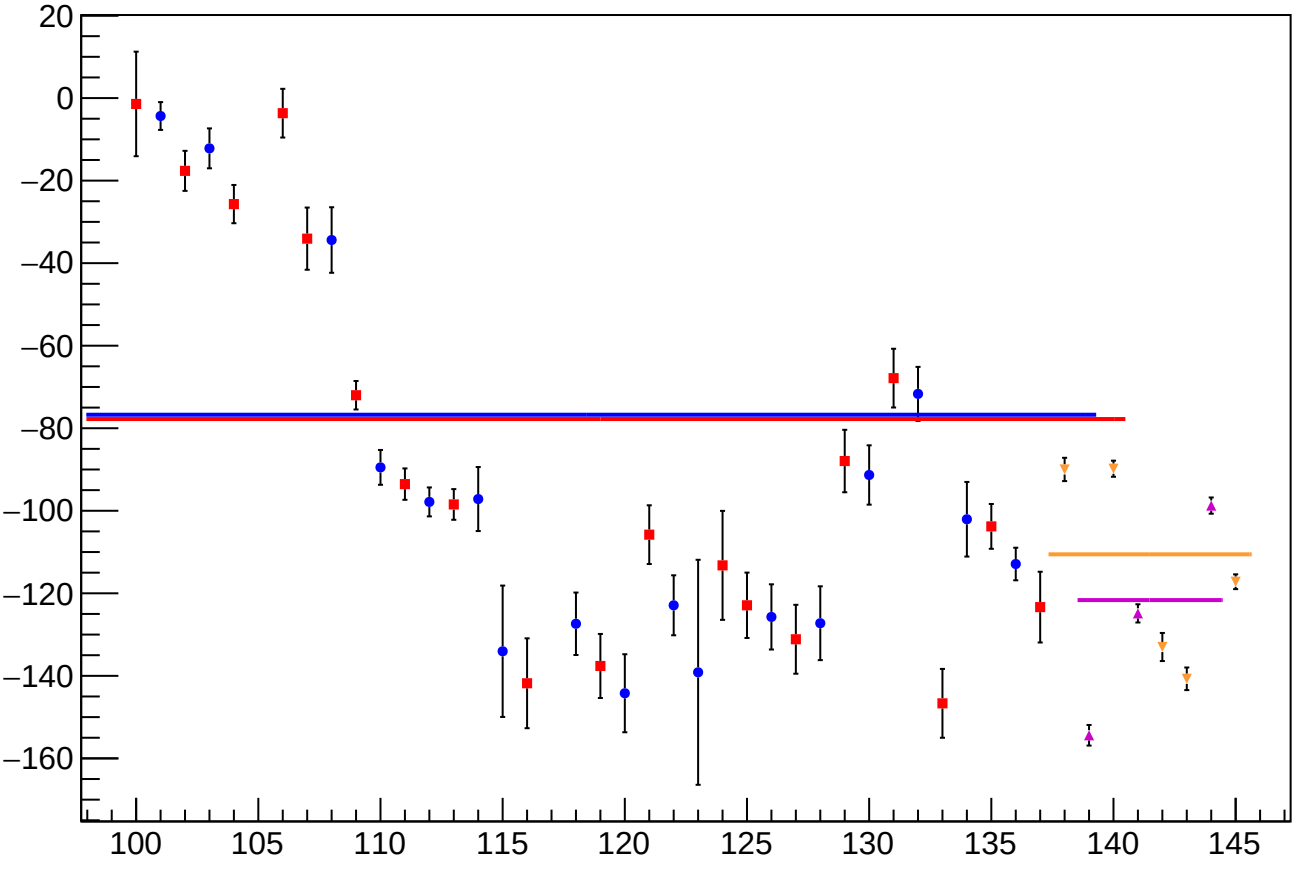
Left In: 30.458+/-0.956 χ^2/NDF:394.8/2

+ sign 28.686+/-0.556 χ^2/NDF: 1316.1/21

All: 28.747+/-0.413 χ^2/NDF: 2725.1/43

- sign 28.822+/-0.618 χ^2/NDF: 1409.0/21

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -110.556+/-1.043 χ^2/NDF:344.5/4

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

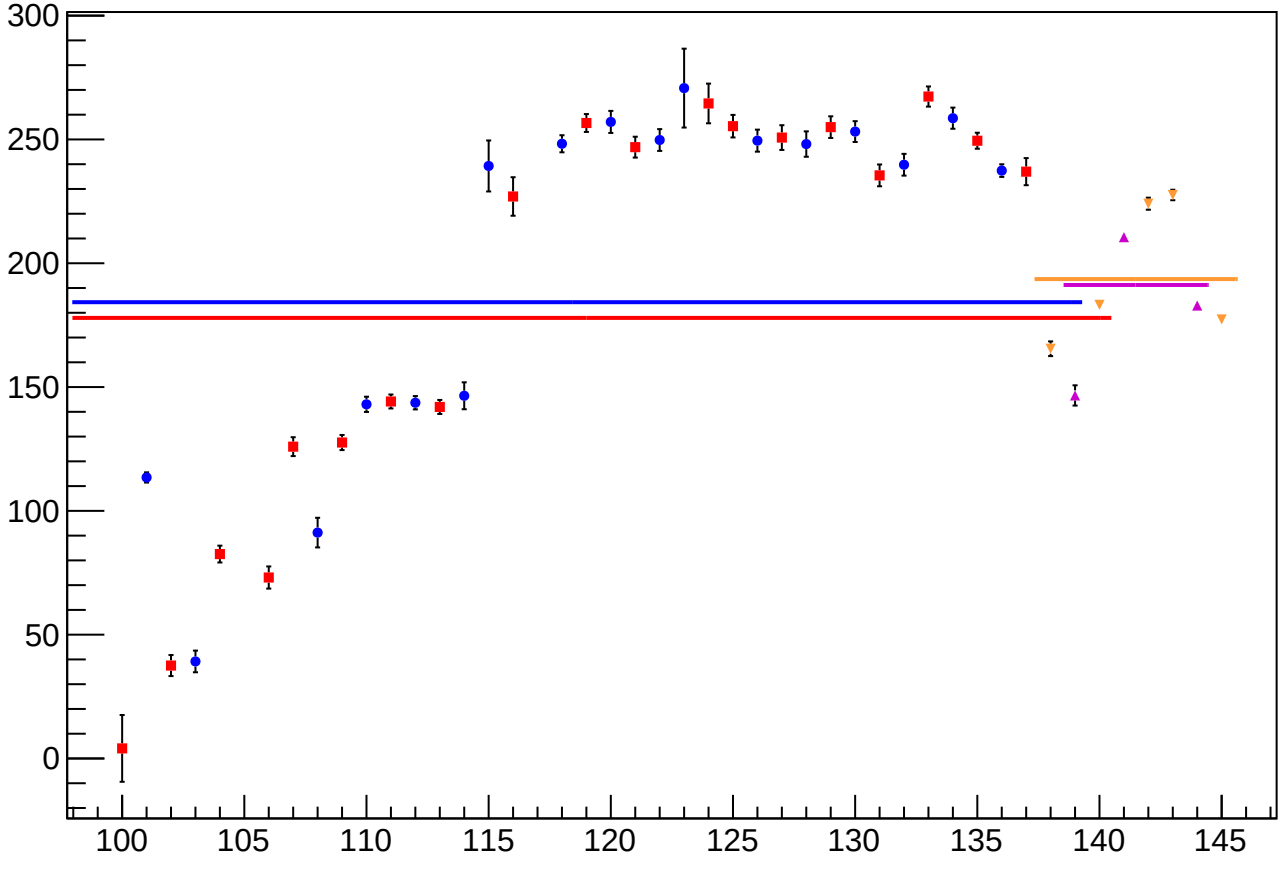
Left In: -121.642+/-1.265 χ^2/NDF:309.9/2

+ sign -98.614+/-0.839 χ^2/NDF: 1757.7/21

All: -99.765+/-0.621 χ^2/NDF: 3504.7/43

- sign -101.160+/-0.924 χ^2/NDF: 1742.8/21

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 193.608+/-0.914 χ^2/NDF:638.2/4

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

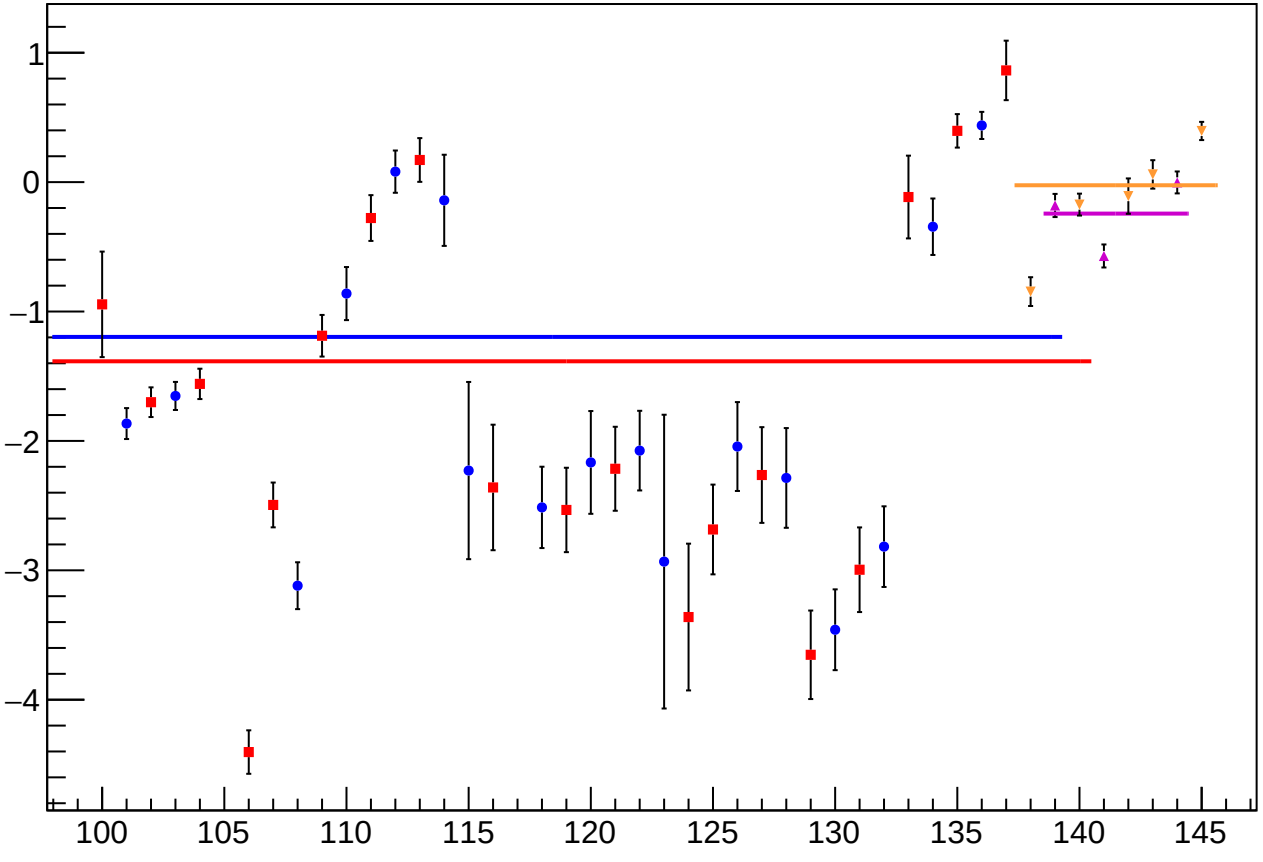
Left In: 191.226+/-1.125 χ^2/NDF:265.4/2

+ sign 188.939+/-0.646 χ^2/NDF: 6091.4/21

All: 186.394+/-0.479 χ^2/NDF: 12805.6/43

- sign 183.286+/-0.714 χ^2/NDF: 6679.7/21

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.024+/-0.042 χ^2/NDF:94.3/4

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

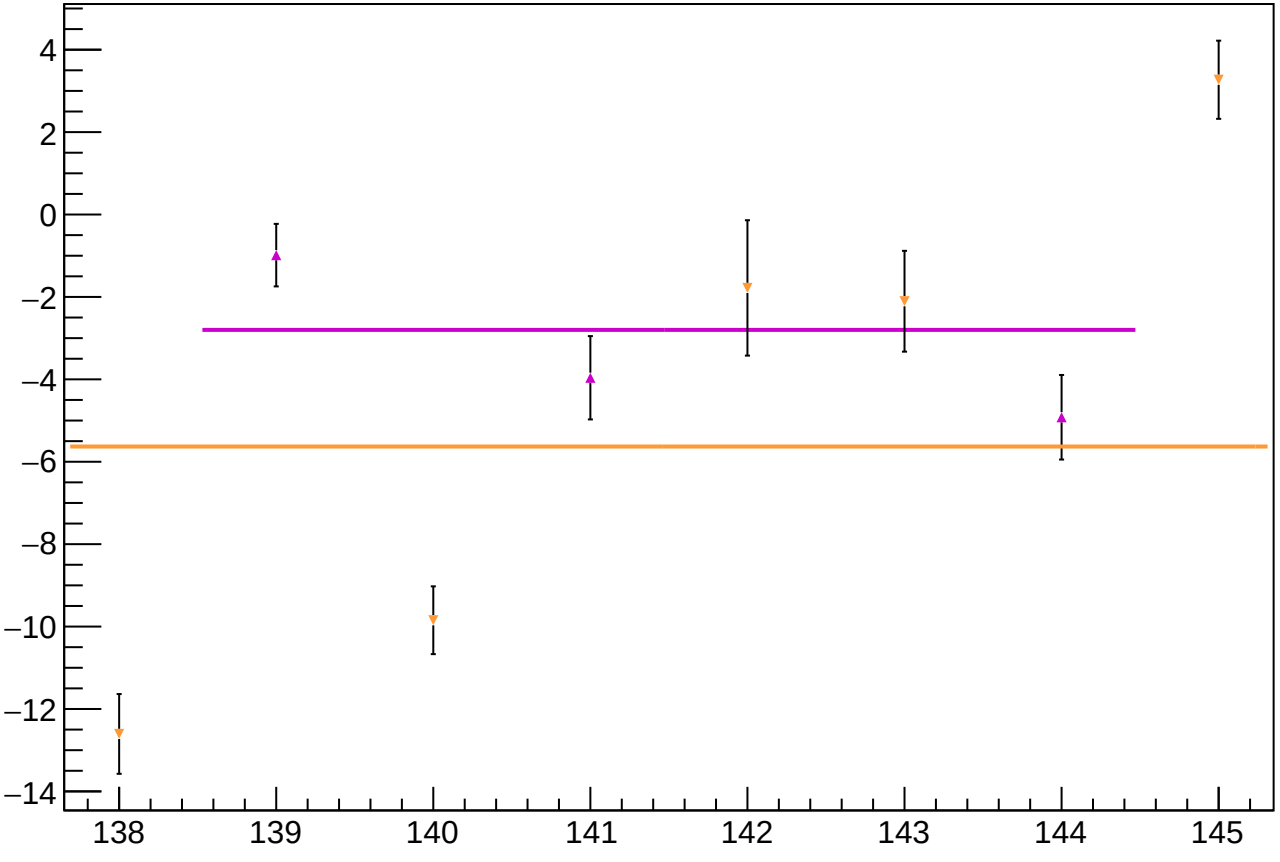
Left In: -0.243+/-0.051 χ^2/NDF:22.1/2

+ sign -0.536+/-0.032 χ^2/NDF: 1052.3/21

All: -0.692+/-0.023 χ^2/NDF: 2330.8/43

- sign -0.871+/-0.034 χ^2/NDF: 1226.4/21

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -5.630+/-0.461 χ^2/NDF:180.1/4

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

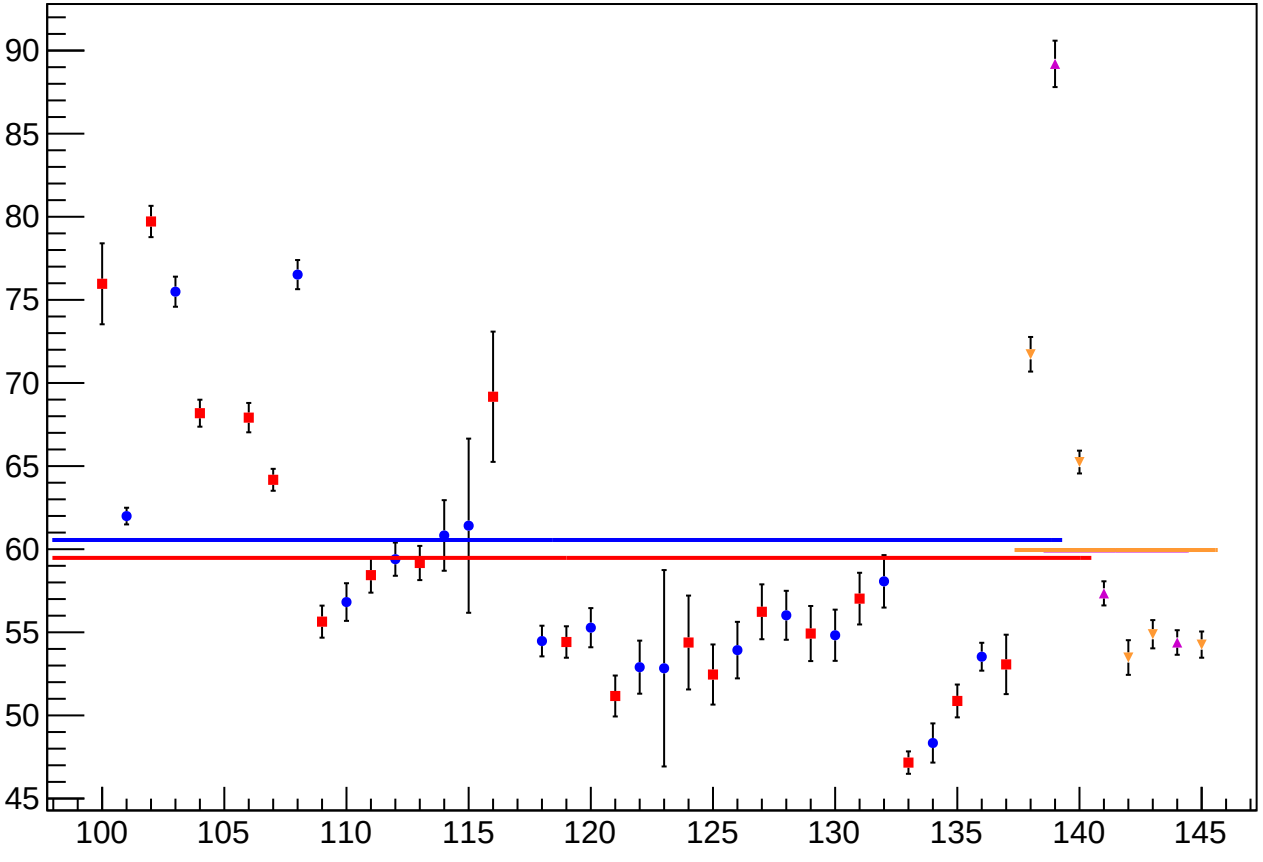
Left In: -2.800+/-0.522 χ^2/NDF:11.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.389+/-0.346 χ^2/NDF: 207.9/7

- 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: 59.951+/-0.379 χ^2/NDF:313.3/4

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

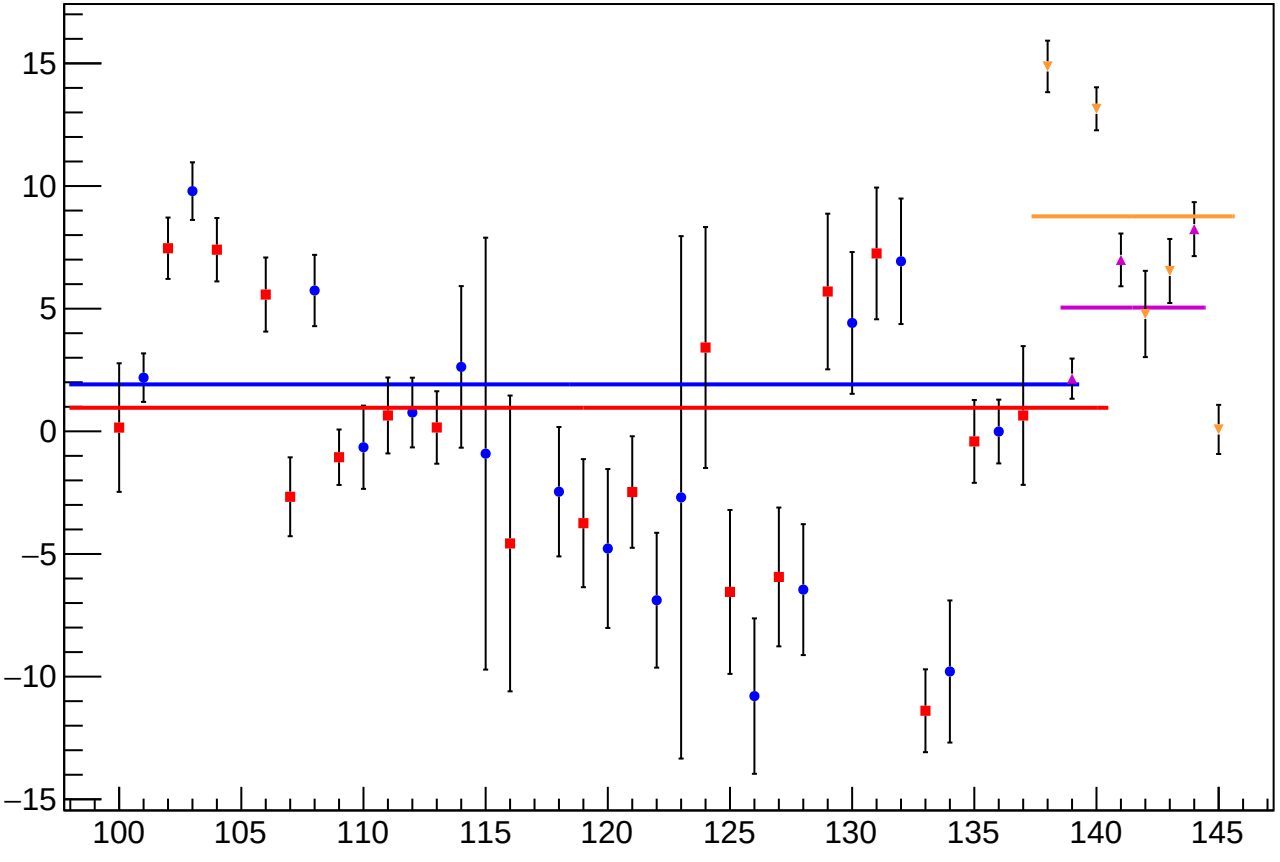
Left In: 59.922+/-0.486 χ^2/NDF:508.4/2

+ sign 60.360+/-0.215 χ^2/NDF: 1245.8/21

All: 59.974+/-0.154 χ^2/NDF: 3078.5/43

- sign 59.569+/-0.221 χ^2/NDF: 1826.1/21

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 8.763+/-0.493 χ^2/NDF:142.1/4

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

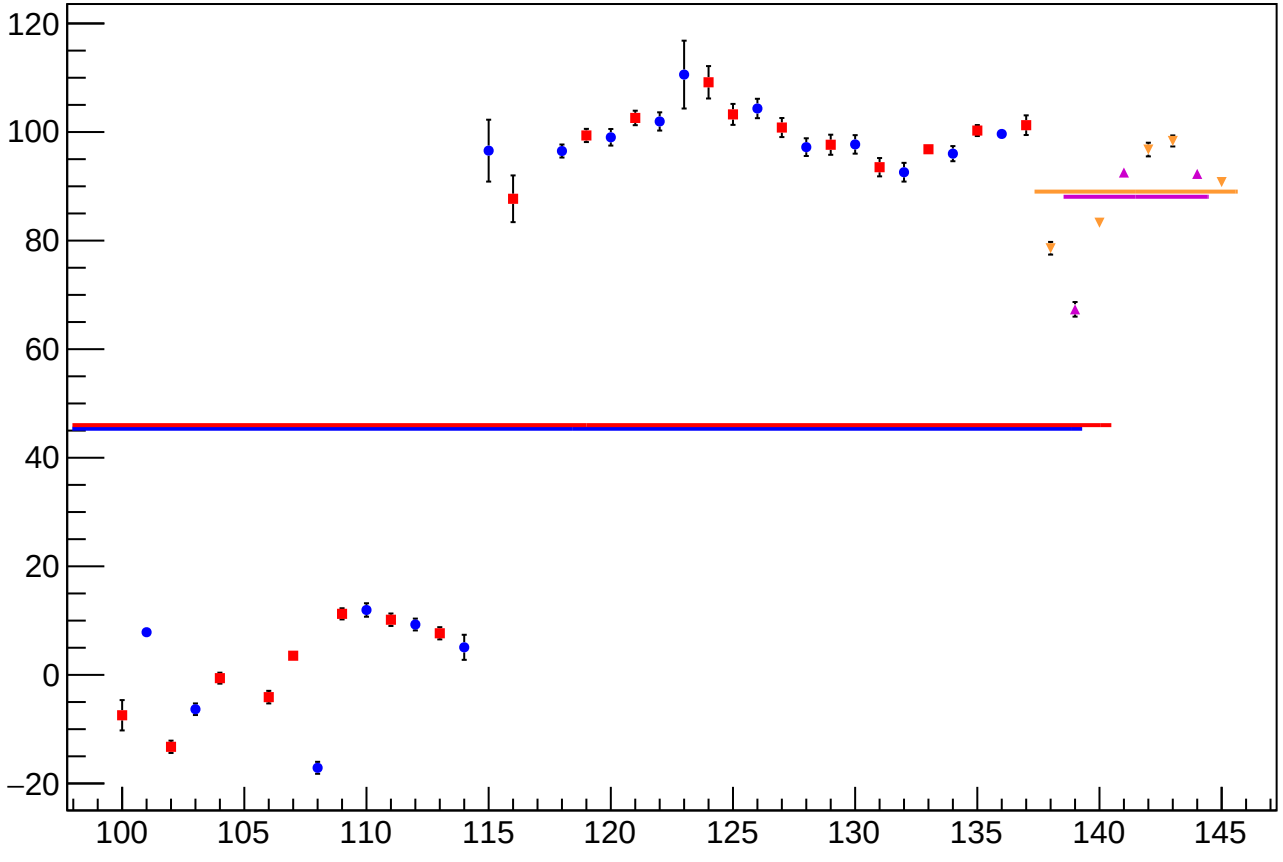
Left In: 5.045+/-0.560 χ^2/NDF:24.3/2

+ sign 5.085+/-0.335 χ^2/NDF: 367.4/21

All: 3.778+/-0.238 χ^2/NDF: 605.6/43

- sign 2.448+/-0.338 χ^2/NDF: 207.5/21

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 89.027+/-0.446 χ^2/NDF:253.8/4

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

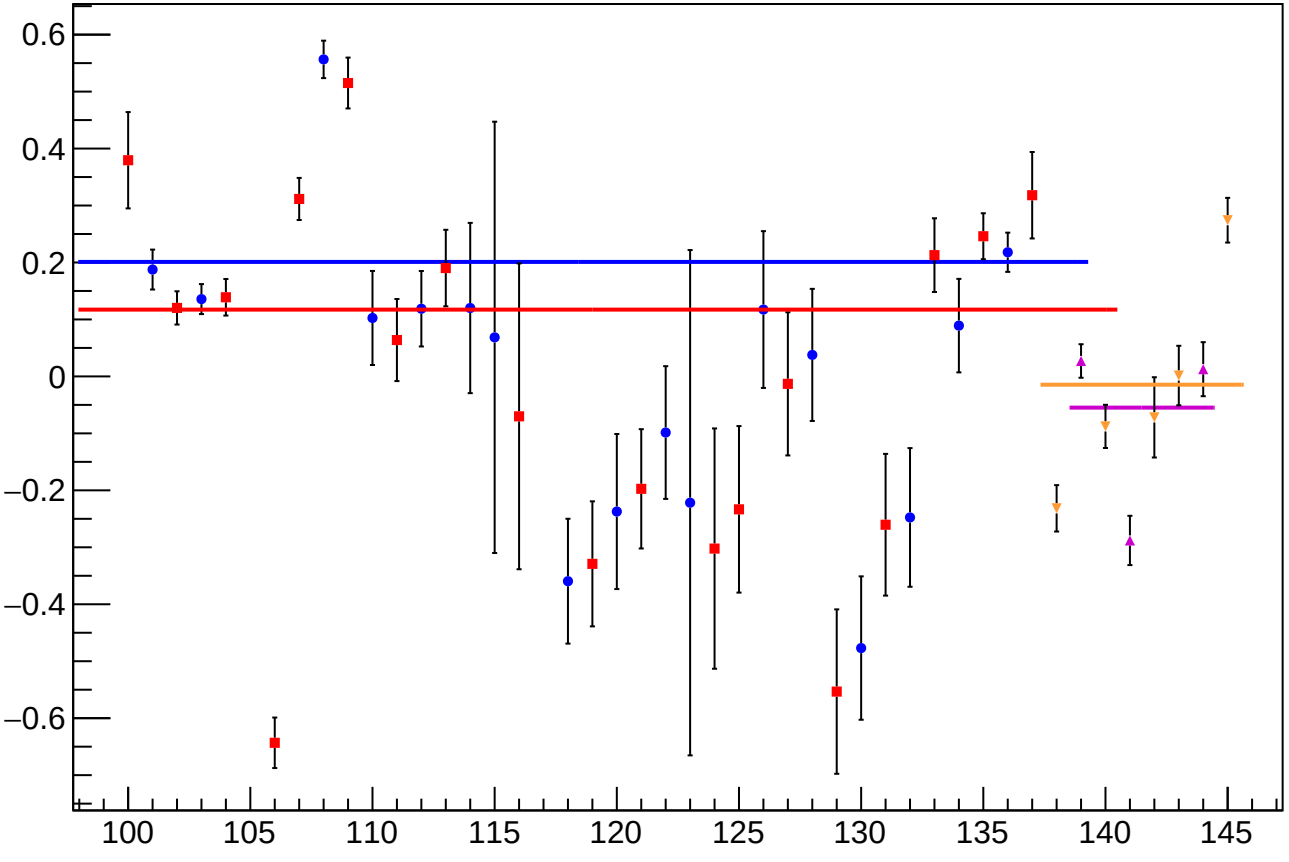
Left In: 88.075+/-0.560 χ^2/NDF:286.8/2

+ sign 59.146+/-0.251 χ^2/NDF: 31881.6/21

All: 57.062+/-0.180 χ^2/NDF: 64980.1/43

- sign 54.871+/-0.257 χ^2/NDF: 32956.8/21

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.015+/-0.020 χ^2/NDF:87.0/4

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

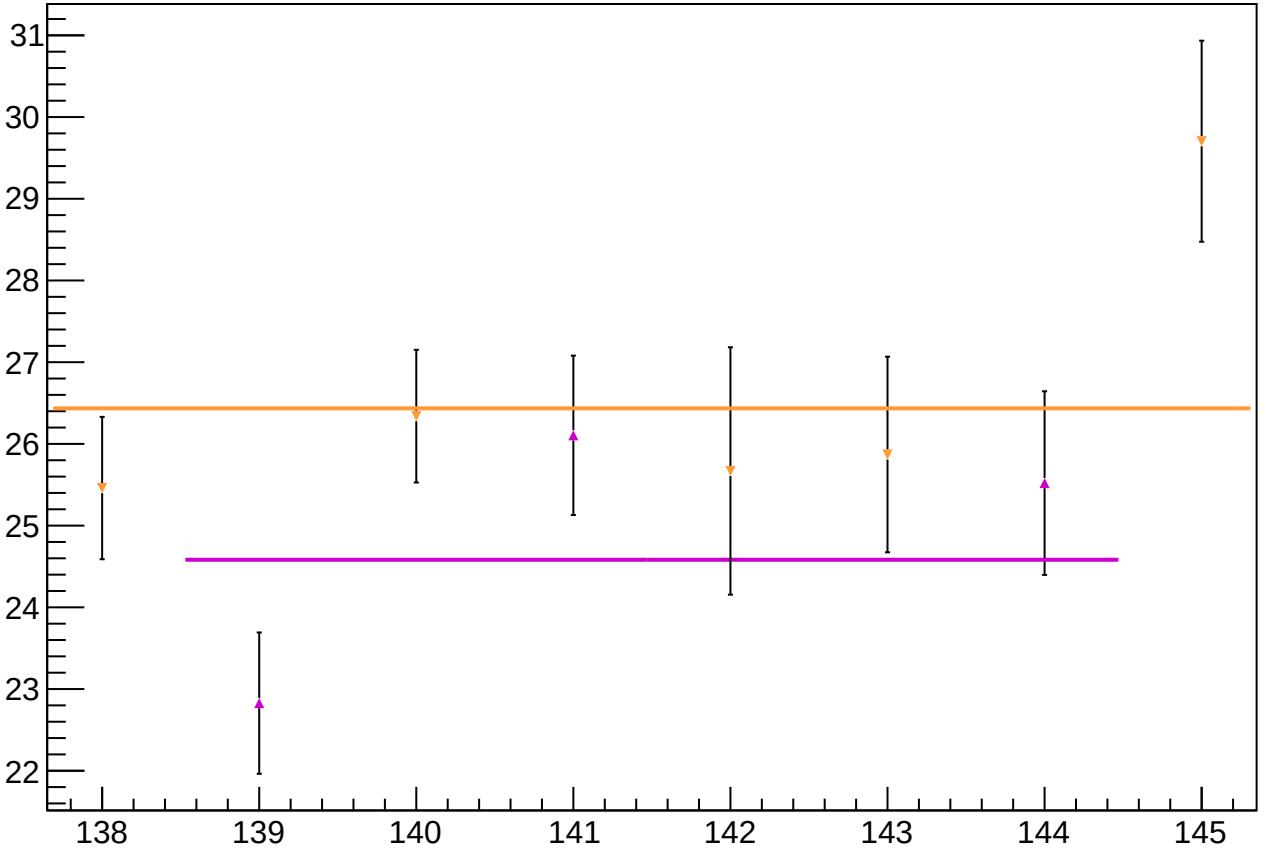
Left In: -0.055+/-0.022 χ^2/NDF:38.8/2

+ sign 0.130+/-0.011 χ^2/NDF: 383.0/21

All: 0.100+/-0.008 χ^2/NDF: 981.5/43

- sign 0.072+/-0.011 χ^2/NDF: 585.4/21

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 26.435+/-0.465 χ^2/NDF:8.8/4

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

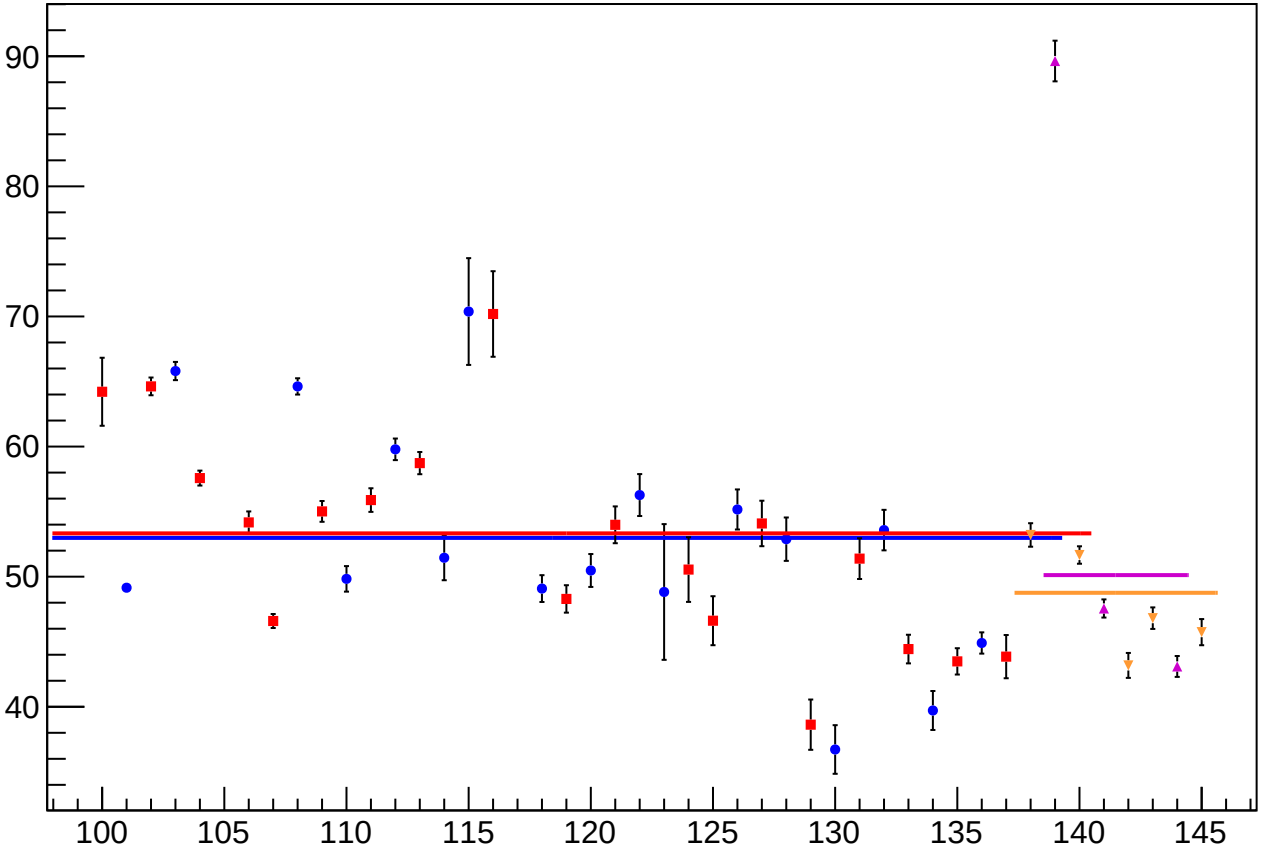
Left In: 24.582+/-0.561 χ^2/NDF:7.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 25.681+/-0.358 χ^2/NDF: 22.5/7

- 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: 48.761+/-0.378 χ^2/NDF:91.5/4

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

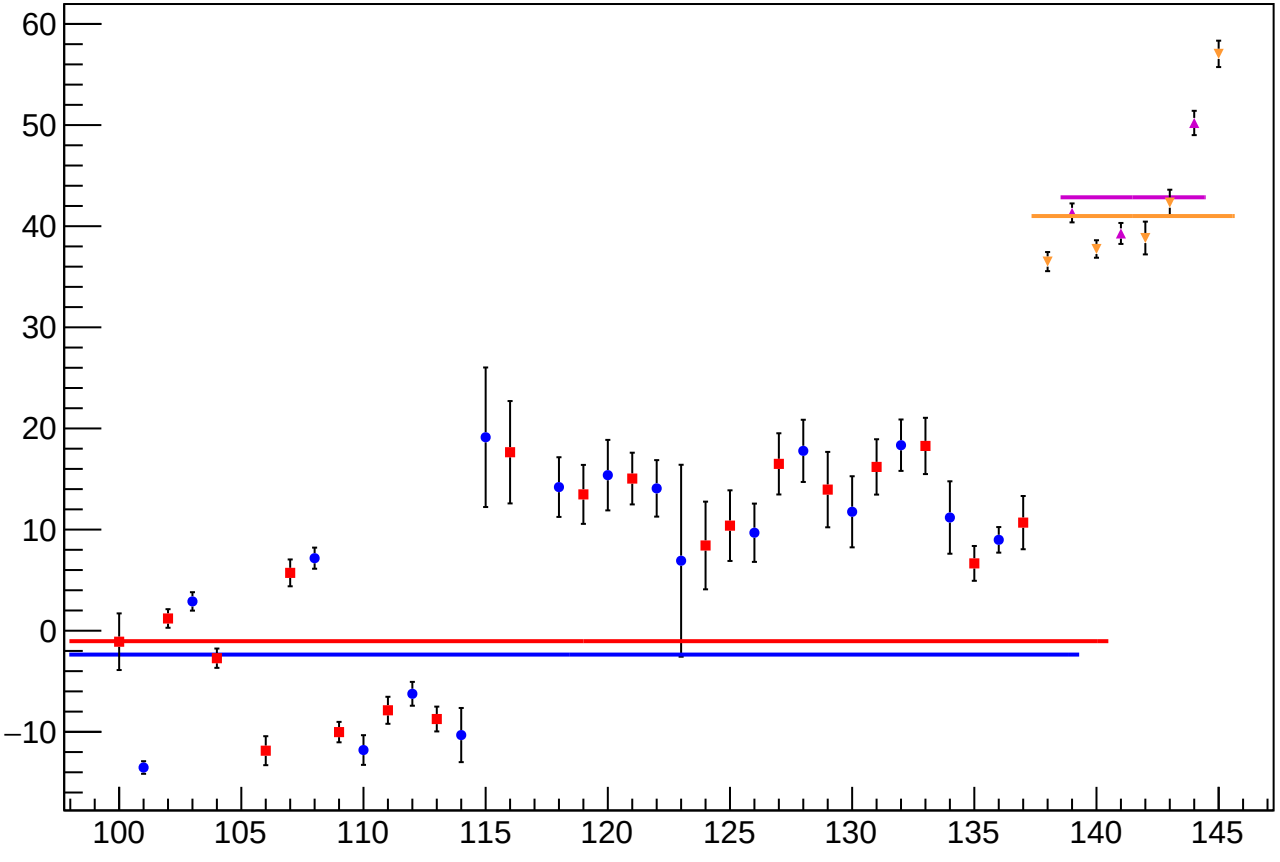
Left In: 50.121+/-0.499 χ^2/NDF:729.0/2

+ sign 51.986+/-0.184 χ^2/NDF: 1384.4/21

All: 52.336+/-0.137 χ^2/NDF: 3028.6/43

- sign 52.779+/-0.206 χ^2/NDF: 1635.9/21

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 41.004+/-0.498 χ^2/NDF:190.8/4

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

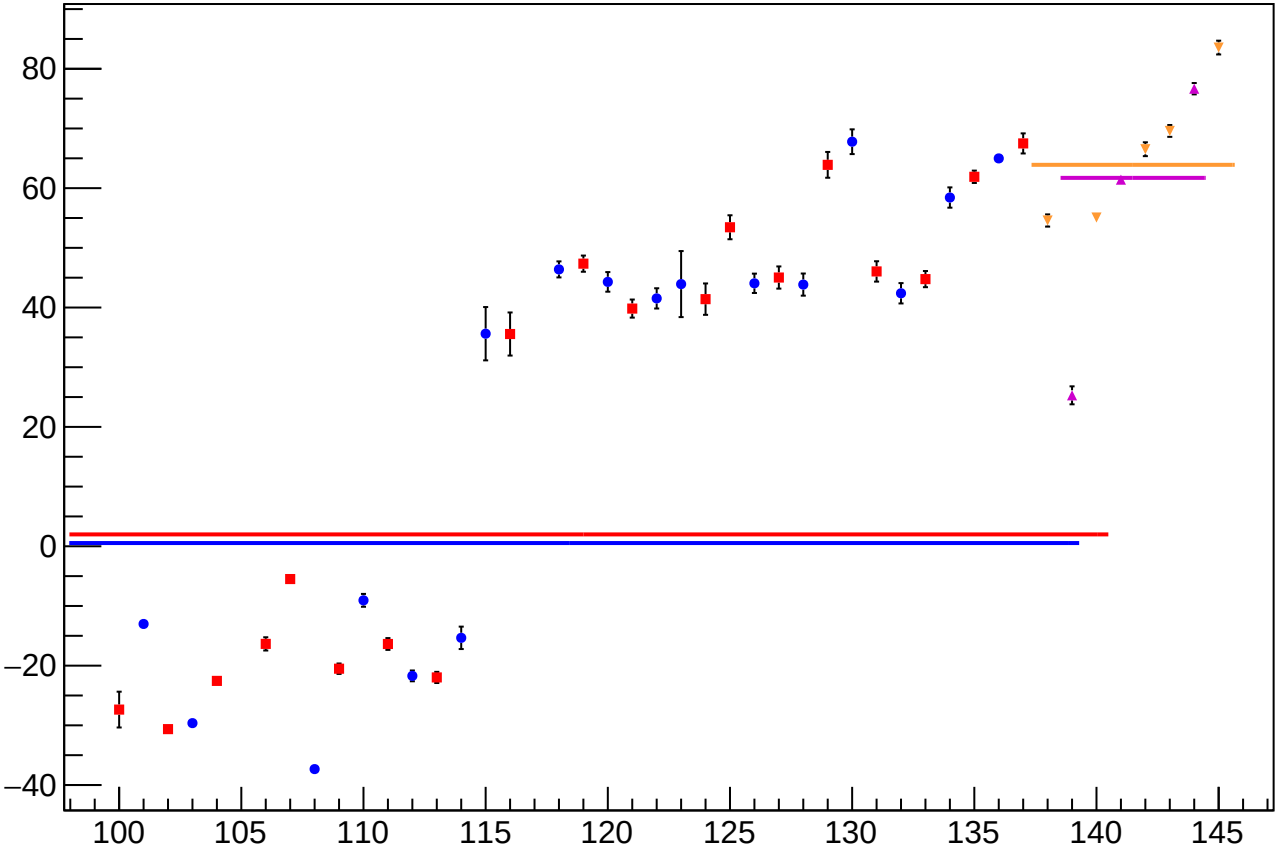
Left In: 42.858+/-0.602 χ^2/NDF:52.0/2

+ sign 12.741+/-0.294 χ^2/NDF: 5979.5/21

All: 12.099+/-0.216 χ^2/NDF: 10372.8/43

- sign 11.339+/-0.319 χ^2/NDF: 4382.9/21

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 63.910+/-0.448 χ^2/NDF:529.1/4

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

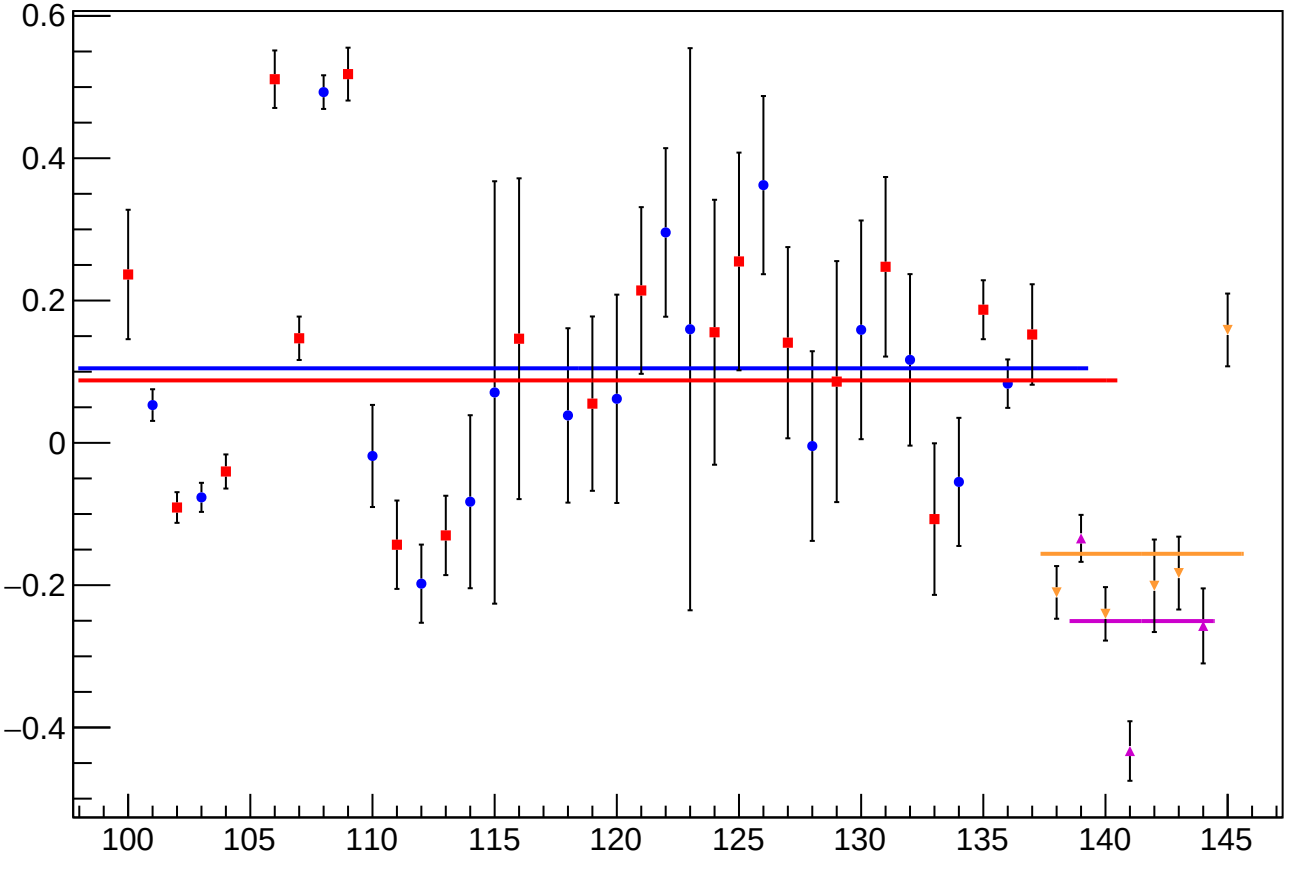
Left In: 61.724+/-0.580 χ^2/NDF:832.5/2

+ sign 15.310+/-0.216 χ^2/NDF: 34329.3/21

All: 14.017+/-0.161 χ^2/NDF: 59468.3/43

- sign 12.393+/-0.242 χ^2/NDF: 25058.3/21

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.156+/-0.020 χ^2/NDF:45.8/4

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

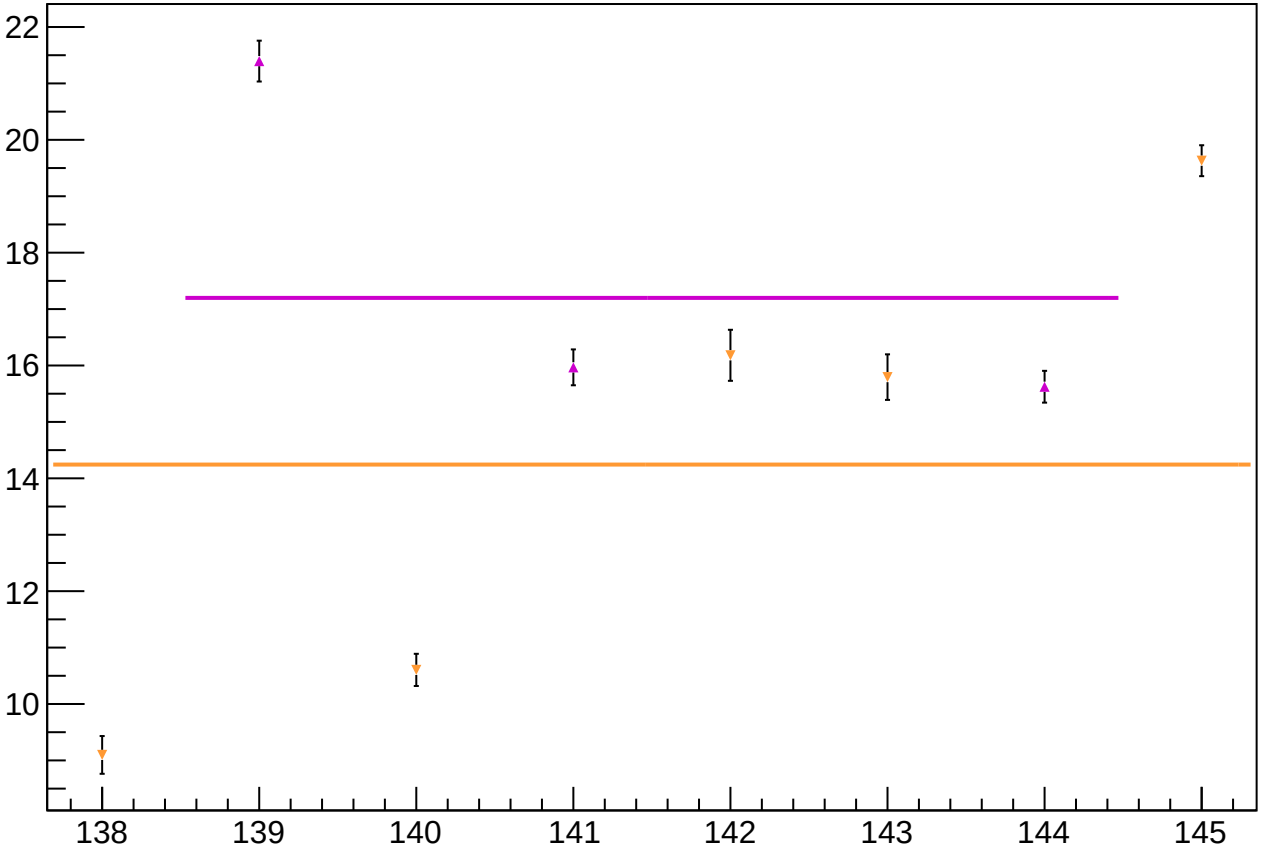
Left In: -0.250+/-0.023 χ^2/NDF:31.5/2

+ sign 0.045+/-0.010 χ^2/NDF: 574.3/21

All: 0.036+/-0.007 χ^2/NDF: 1171.4/43

- sign 0.026+/-0.010 χ^2/NDF: 595.2/21

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 14.244+/-0.148 χ^2/NDF:818.5/4

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

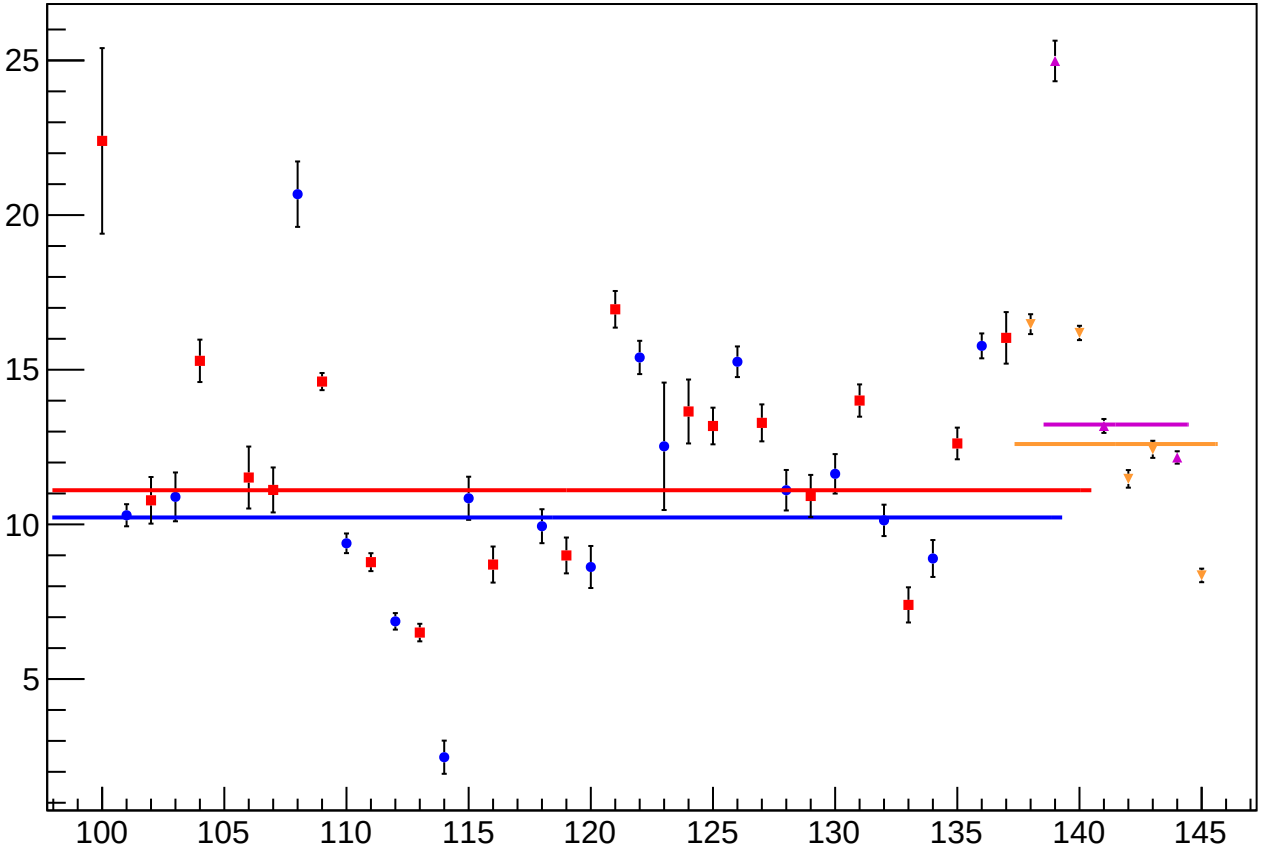
Left In: 17.198+/-0.182 χ^2/NDF:180.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 15.420+/-0.115 χ^2/NDF: 1157.4/7

- 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: 12.598+/-0.116 χ^2/NDF:777.4/4

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

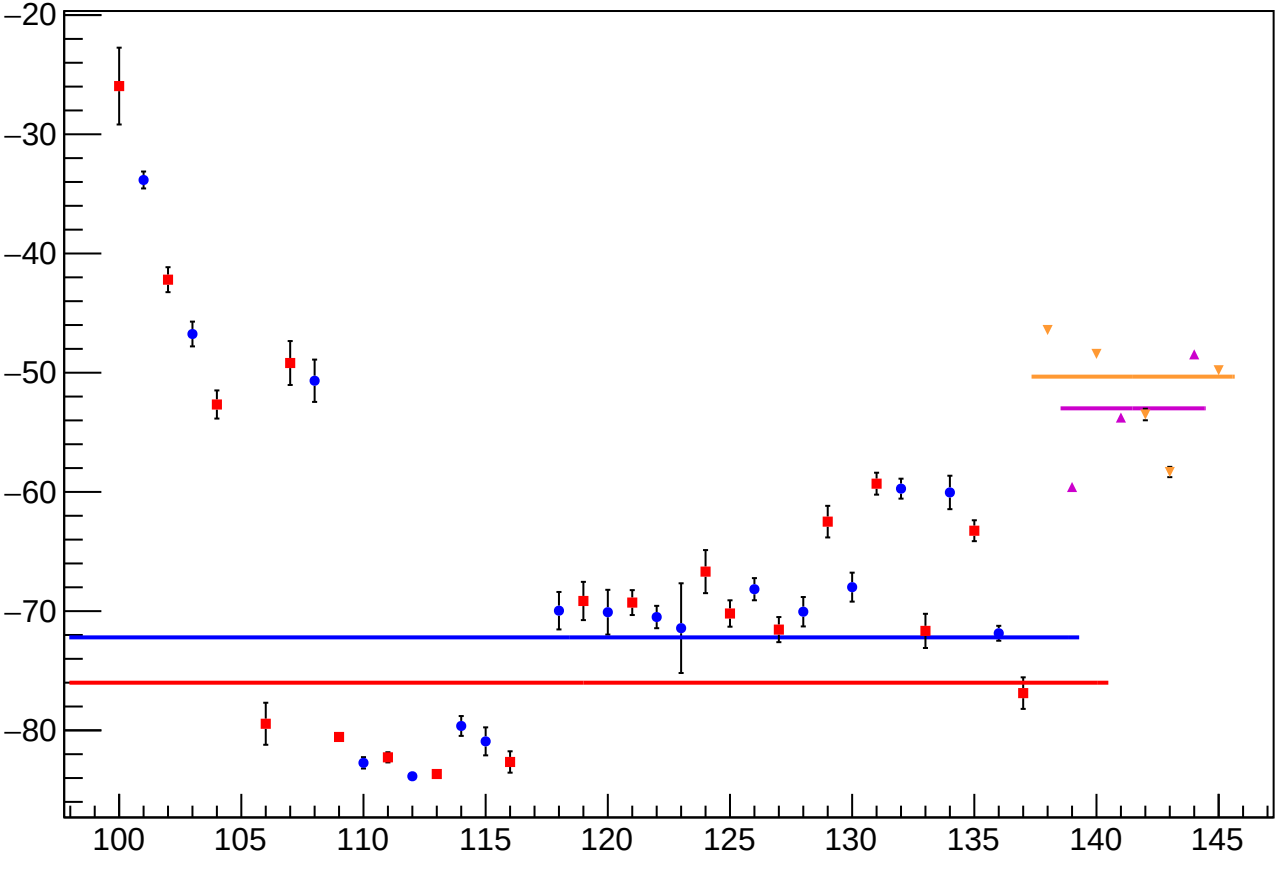
Left In: 13.228+/-0.146 χ^2/NDF:349.3/2

+ sign 11.442+/-0.083 χ^2/NDF: 1859.5/21

All: 11.663+/-0.061 χ^2/NDF: 3170.9/43

- sign 11.929+/-0.091 χ^2/NDF: 1295.8/21

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -50.329+/-0.159 χ^2/NDF:546.7/4

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

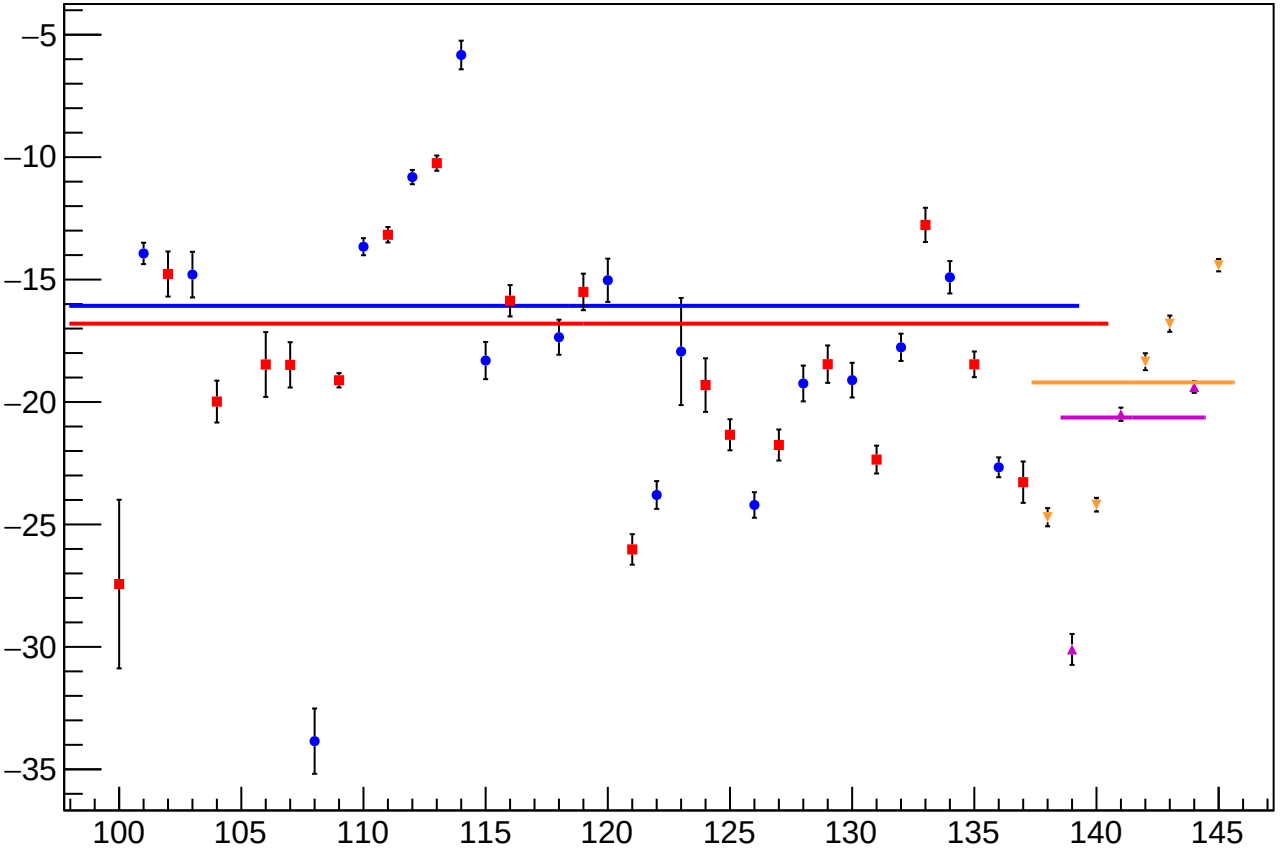
Left In: -52.989+/-0.195 χ^2/NDF:514.1/2

+ sign -58.890+/-0.124 χ^2/NDF: 13562.6/21

All: -61.901+/-0.090 χ^2/NDF: 26293.8/43

- sign -65.367+/-0.133 χ^2/NDF: 11456.7/21

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -19.200+/-0.137 χ^2/NDF:952.0/4

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

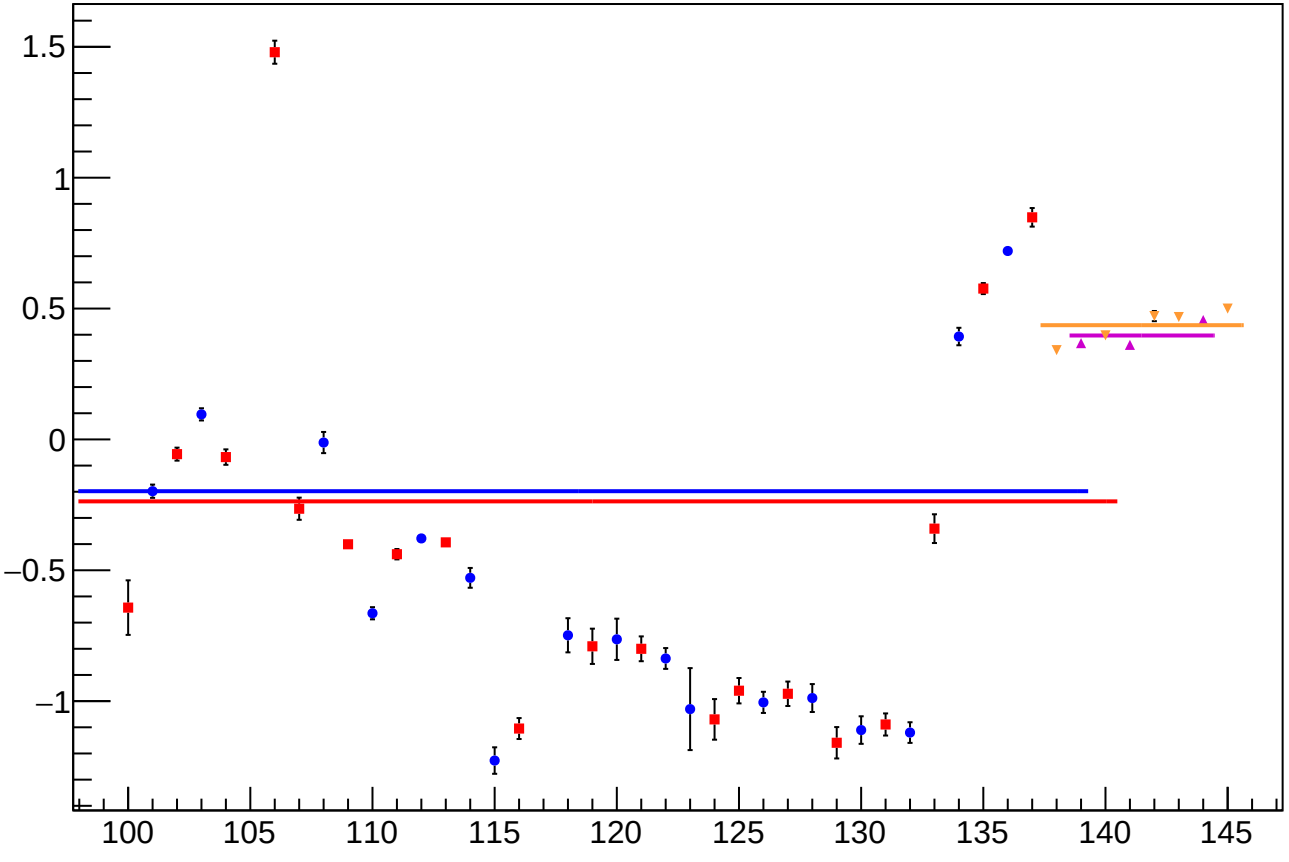
Left In: -20.632+/-0.172 χ^2/NDF:252.3/2

+ sign -17.575+/-0.095 χ^2/NDF: 2862.1/21

All: -17.847+/-0.070 χ^2/NDF: 4666.4/43

- sign -18.164+/-0.103 χ^2/NDF: 1786.6/21

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.436+/-0.006 χ^2/NDF:89.2/4

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

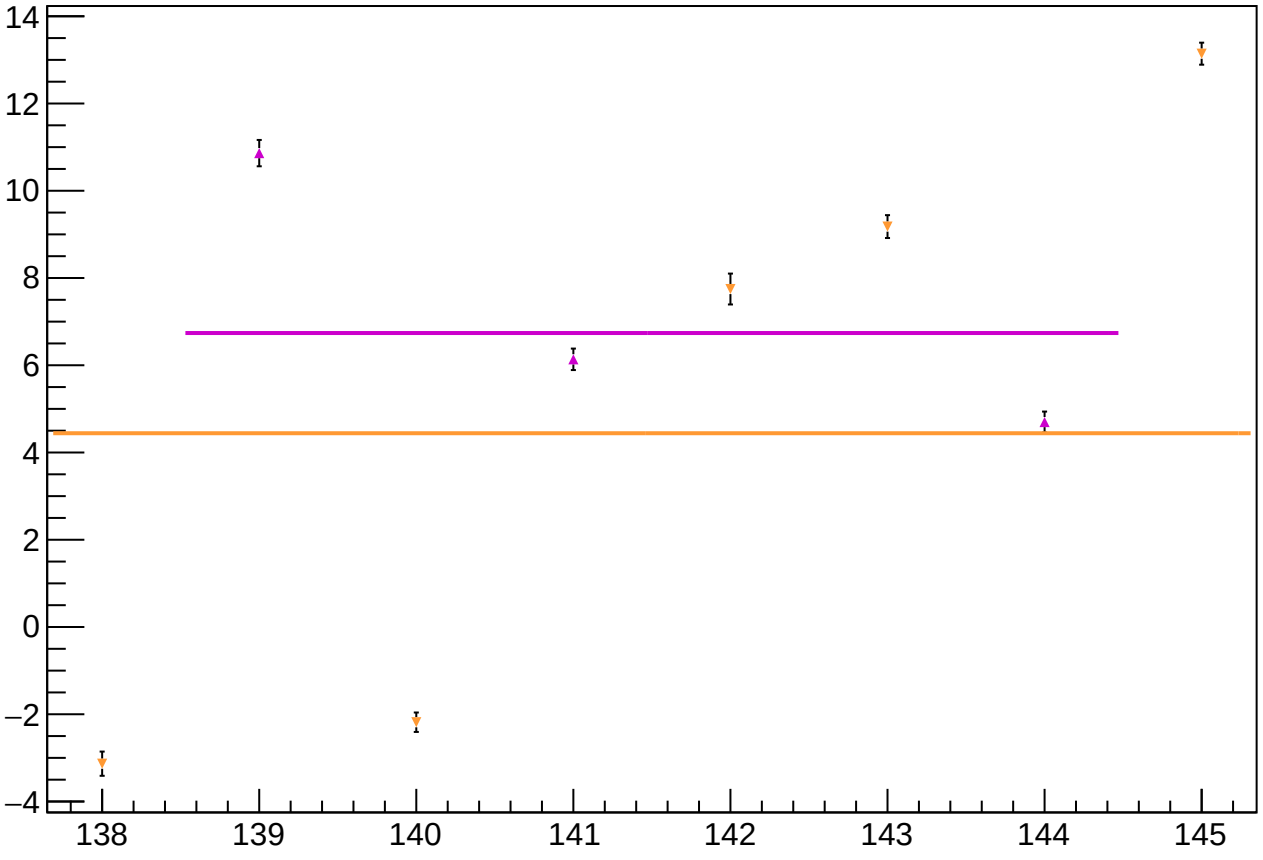
Left In: 0.397+/-0.008 χ^2/NDF:31.6/2

+ sign 0.169+/-0.005 χ^2/NDF: 10520.7/21

All: 0.115+/-0.004 χ^2/NDF: 20604.1/43

- sign 0.053+/-0.005 χ^2/NDF: 9826.8/21

reg_asym_sam8_diff_bpm1X_slope vs Slug



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

Left Out: 4.442+/-0.118 χ^2/NDF:3231.6/4

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

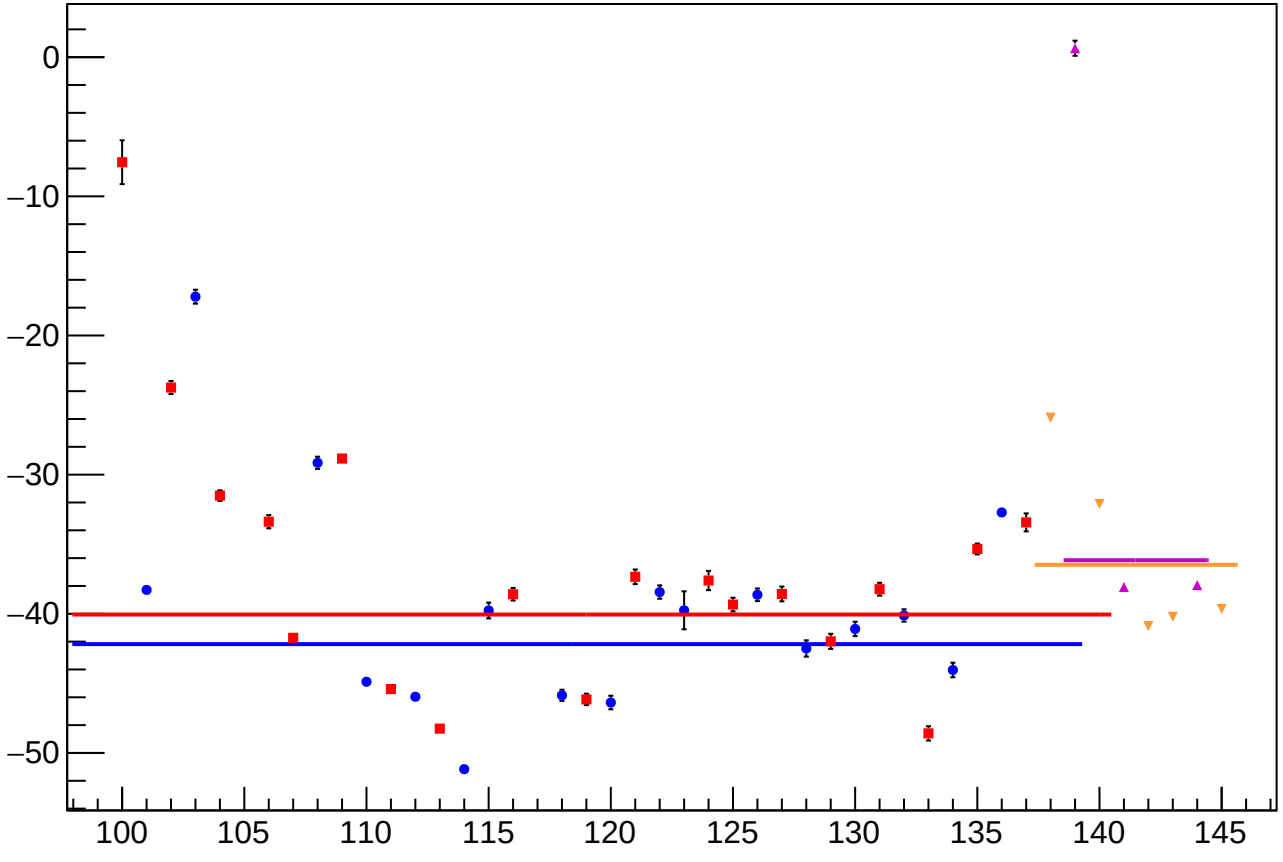
Left In: 6.739+/-0.149 χ^2/NDF:264.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.327+/-0.093 χ^2/NDF: 3641.6/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -36.477+/-0.092 χ^2/NDF:3184.4/4

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

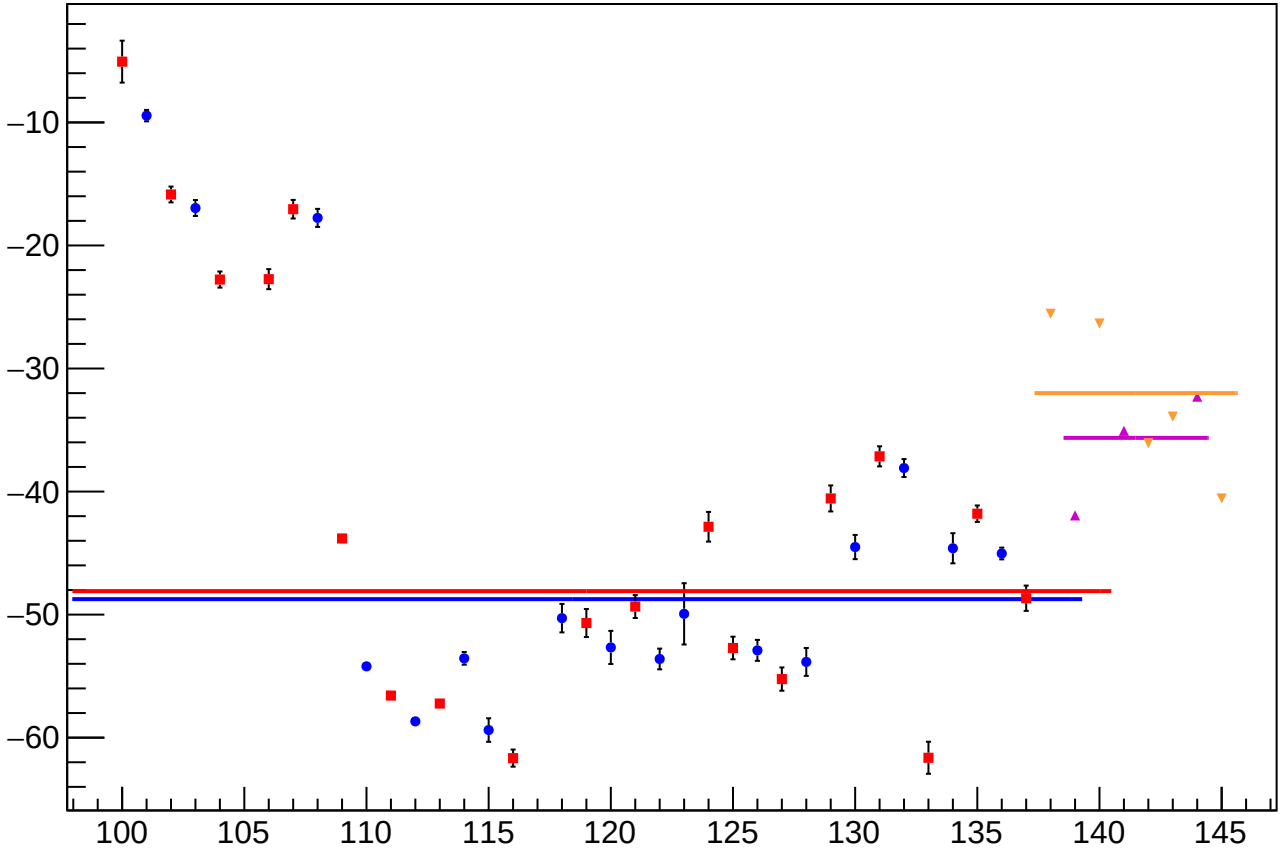
Left In: -36.149+/-0.119 χ^2/NDF:4794.2/2

+ sign -39.793+/-0.059 χ^2/NDF: 12007.3/21

All: -39.412+/-0.043 χ^2/NDF: 28981.8/43

- sign -38.993+/-0.062 χ^2/NDF: 16887.8/21

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -31.997+/-0.127 χ^2/NDF:2207.8/4

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

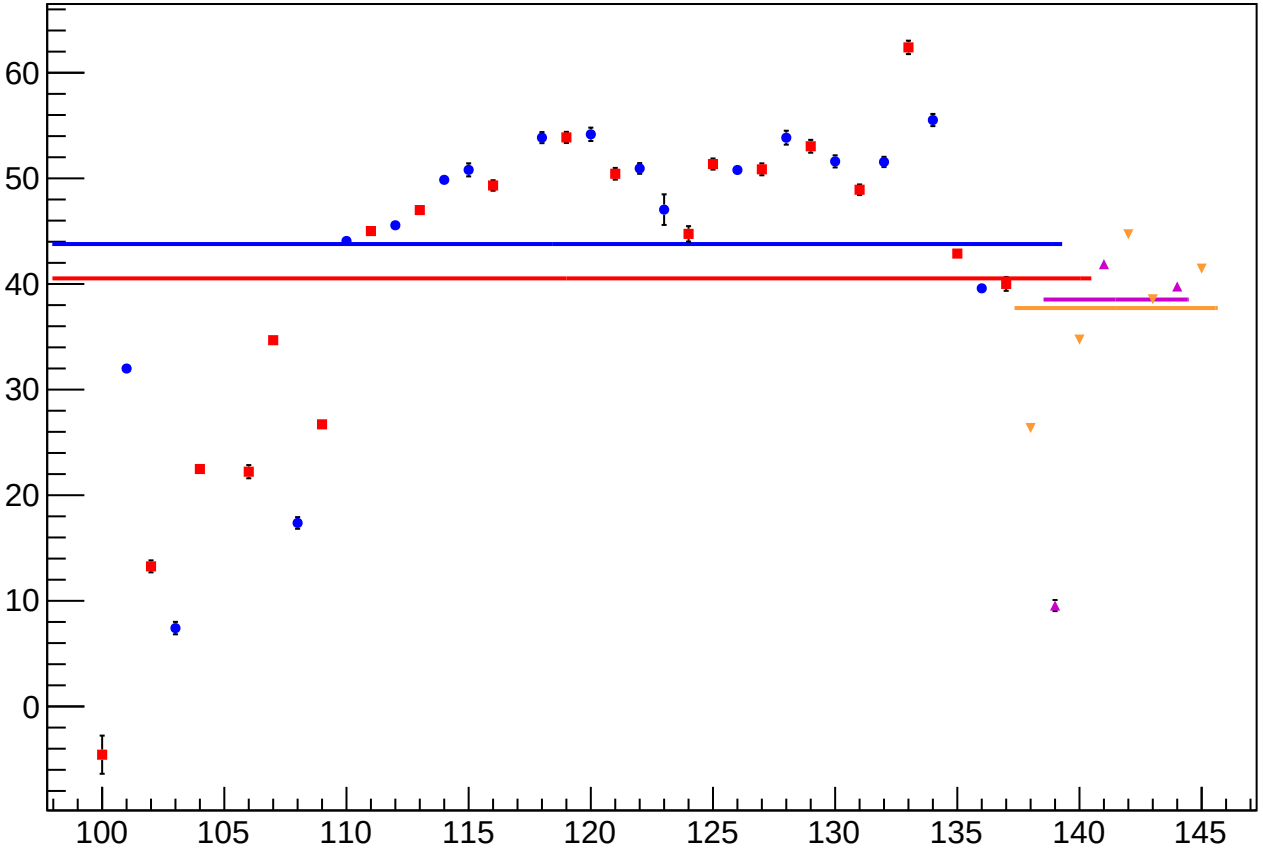
Left In: -35.636+/-0.160 χ^2/NDF:546.1/2

+ sign -40.511+/-0.089 χ^2/NDF: 25770.5/21

All: -42.363+/-0.063 χ^2/NDF: 43105.9/43

- sign -44.231+/-0.089 χ^2/NDF: 16459.9/21

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 37.722+/-0.109 χ^2/NDF:2452.4/4

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

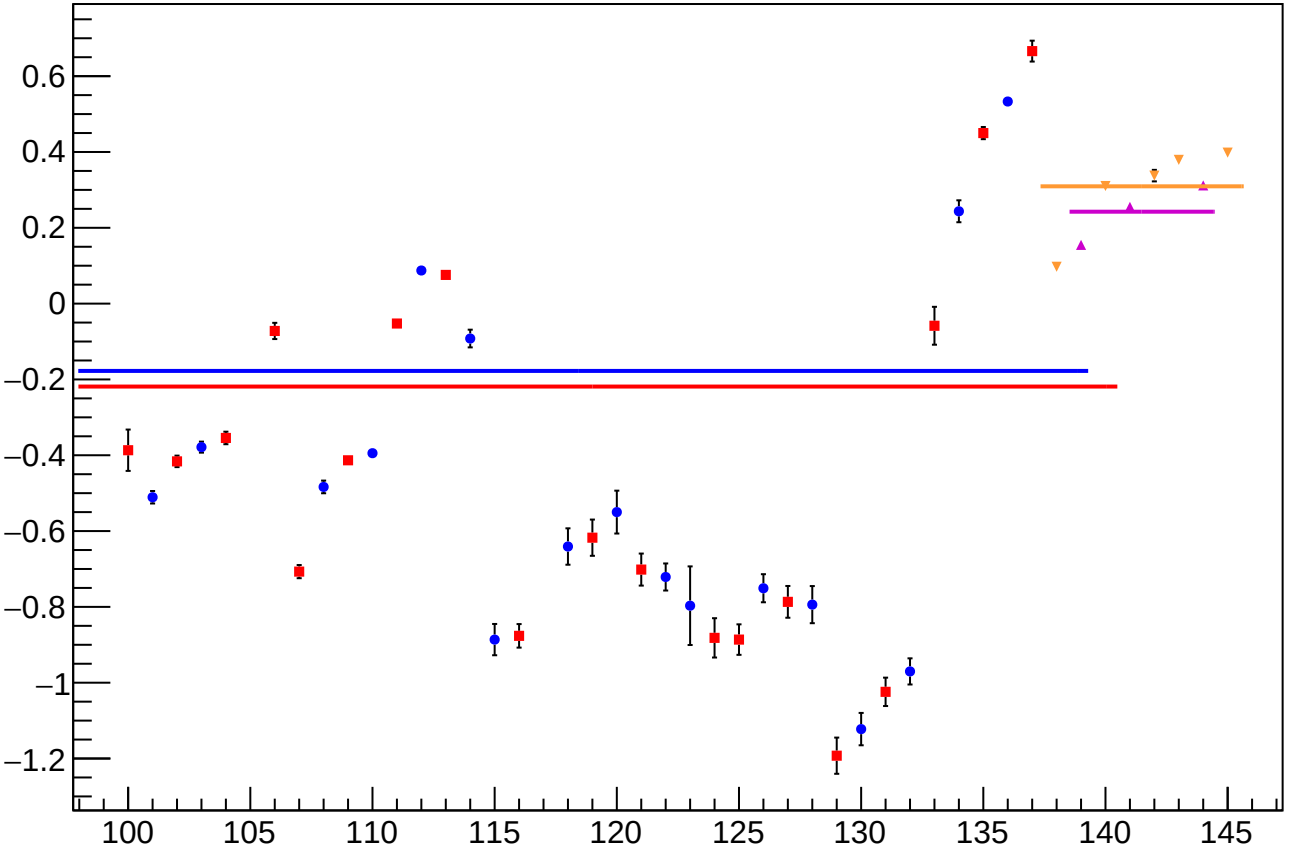
Left In: 38.529+/-0.141 χ^2/NDF:3343.6/2

+ sign 41.435+/-0.068 χ^2/NDF: 14986.6/21

All: 40.757+/-0.049 χ^2/NDF: 36269.4/43

- sign 40.040+/-0.070 χ^2/NDF: 21076.9/21

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.309+/-0.005 χ^2/NDF:429.0/4

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

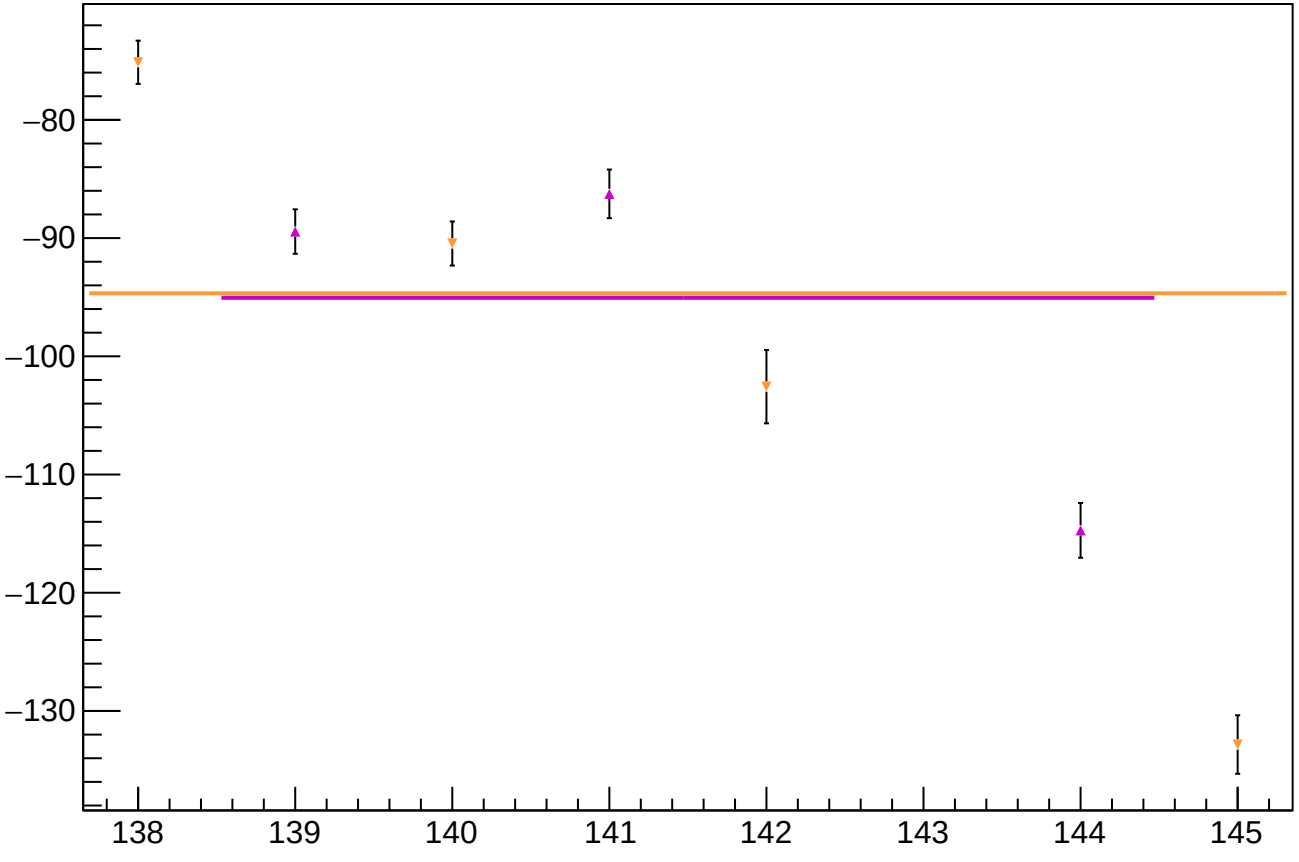
Left In: 0.242+/-0.006 χ^2/NDF:97.5/2

+ sign 0.051+/-0.004 χ^2/NDF: 12555.3/21

All: -0.012+/-0.003 χ^2/NDF: 24332.3/43

- sign -0.075+/-0.004 χ^2/NDF: 11148.7/21

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -94.668+/-1.082 χ^2/NDF:363.3/3

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

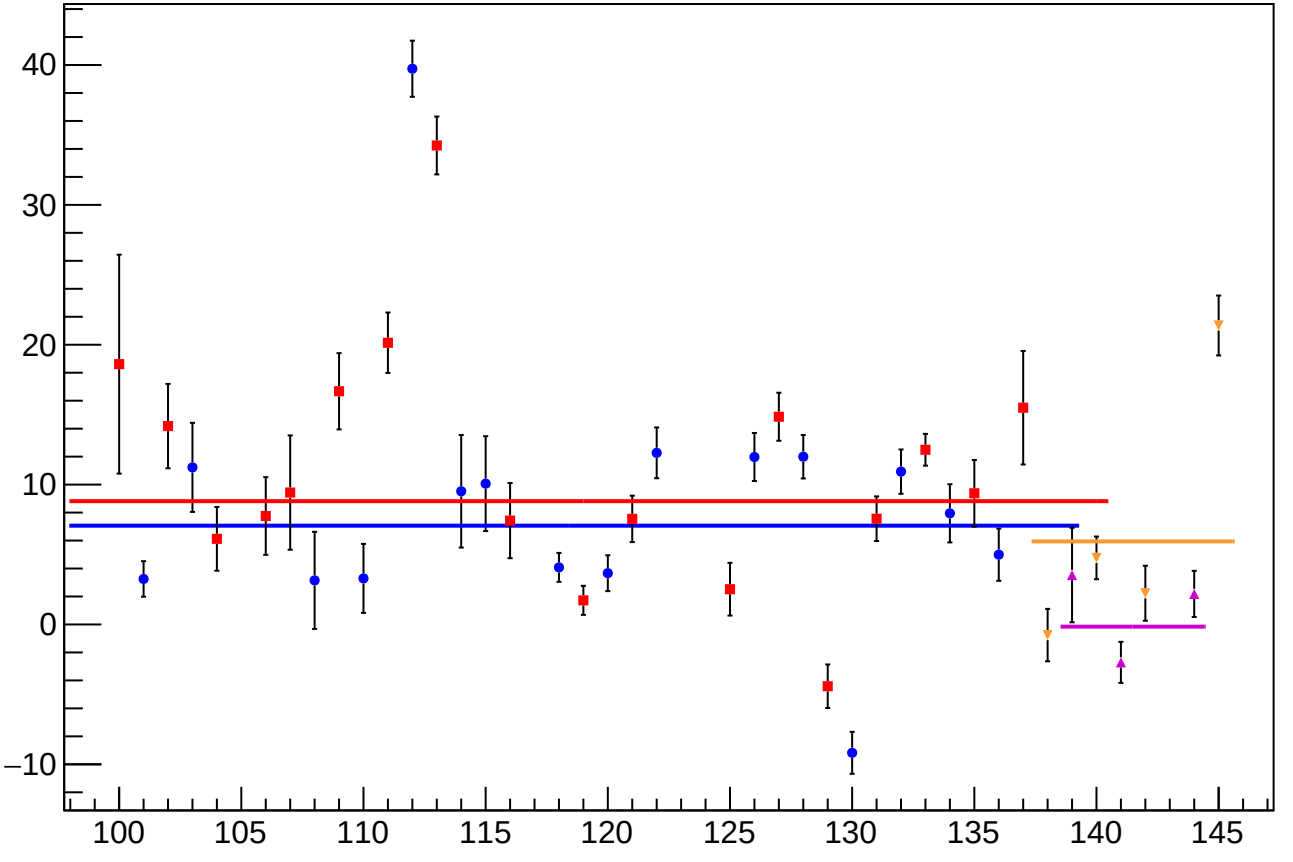
Left In: -95.053+/-1.191 χ^2/NDF:99.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -94.842+/-0.801 χ^2/NDF: 462.6/6

- 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: 5.939+/-0.916 χ^2/NDF:69.0/3

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

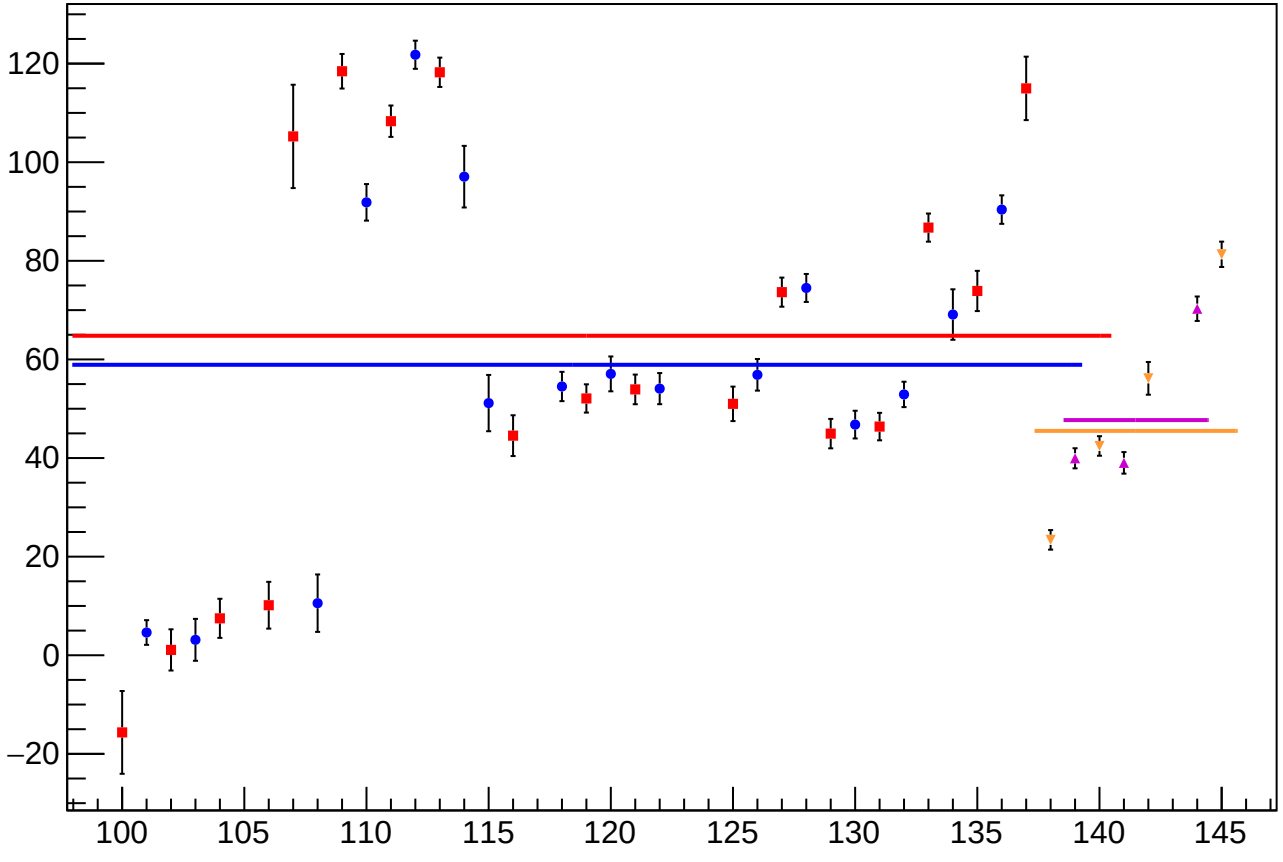
Left In: -0.156+/-1.043 χ^2/NDF:6.2/2

+ sign 6.857+/-0.392 χ^2/NDF: 517.1/19

All: 7.121+/-0.284 χ^2/NDF: 937.1/40

- sign 7.412+/-0.412 χ^2/NDF: 419.1/20

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 45.508+/-1.154 χ^2/NDF:331.1/3

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

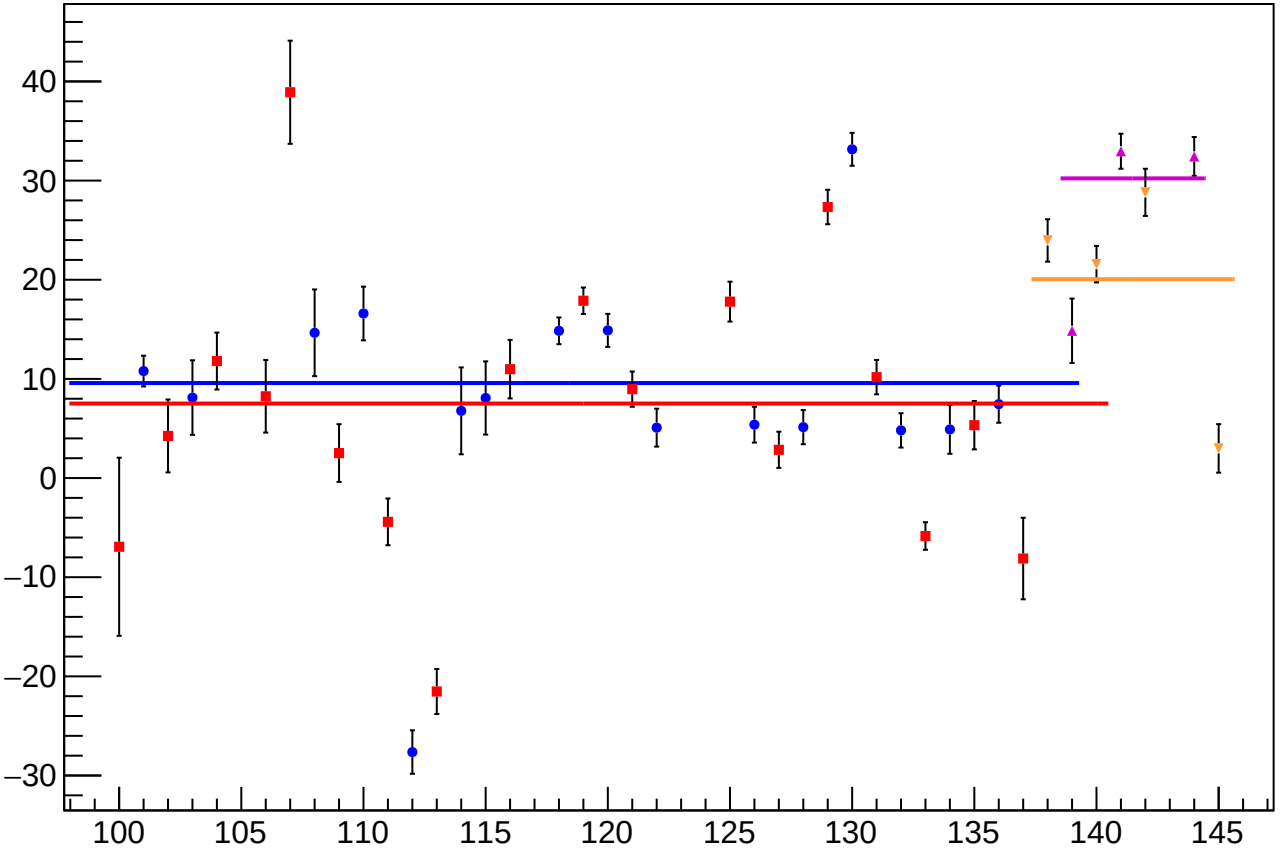
Left In: 47.699+/-1.278 χ^2/NDF:113.2/2

+ sign 54.335+/-0.675 χ^2/NDF: 1916.6/19

All: 56.882+/-0.486 χ^2/NDF: 3902.7/40

- sign 59.640+/-0.702 χ^2/NDF: 1956.5/20

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 20.057+/-1.079 χ^2/NDF:66.3/3

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

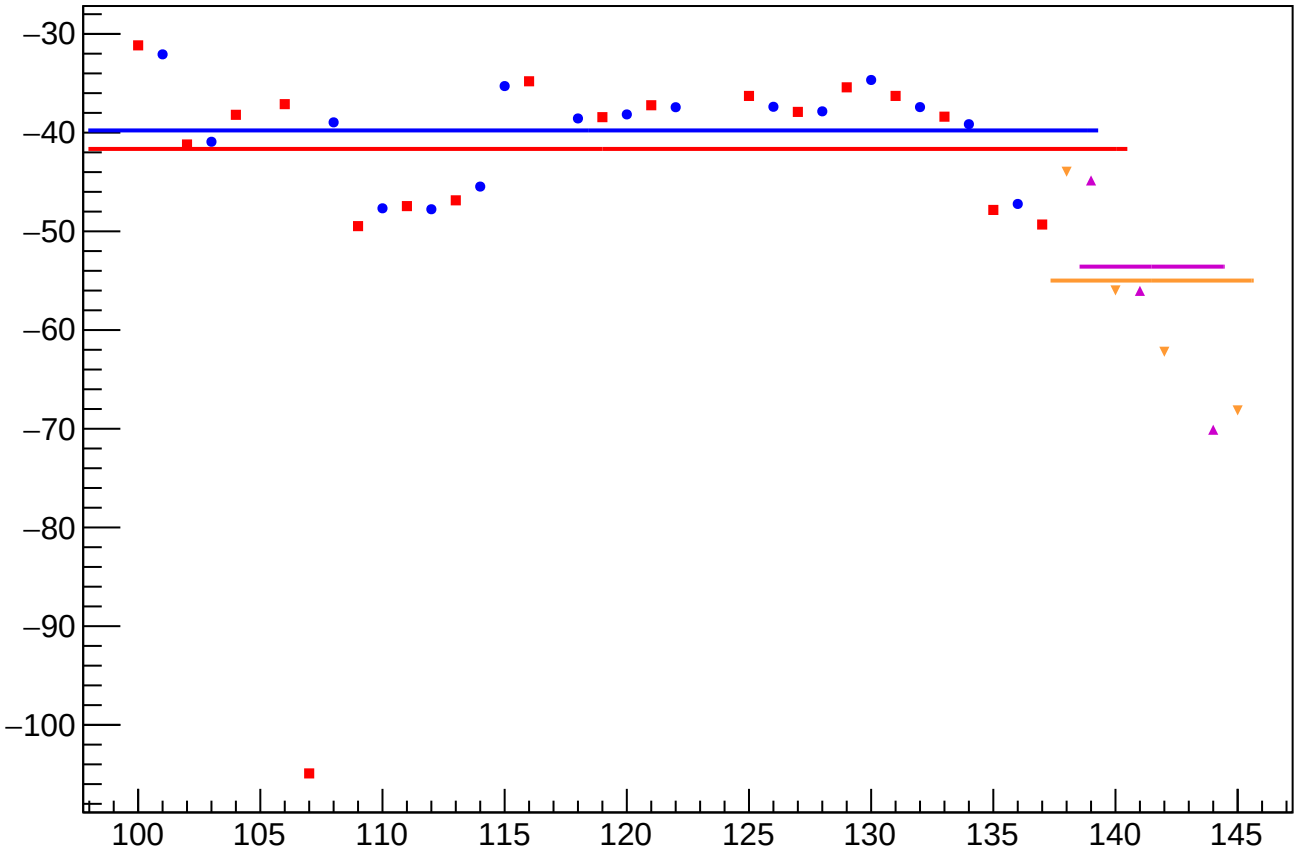
Left In: 30.223+/-1.216 χ^2/NDF:26.1/2

+ sign 11.440+/-0.455 χ^2/NDF: 698.2/19

All: 11.220+/-0.328 χ^2/NDF: 1590.3/40

- sign 10.979+/-0.475 χ^2/NDF: 891.6/20

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -54.987+/-0.047 χ^2/NDF:39723.0/3

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

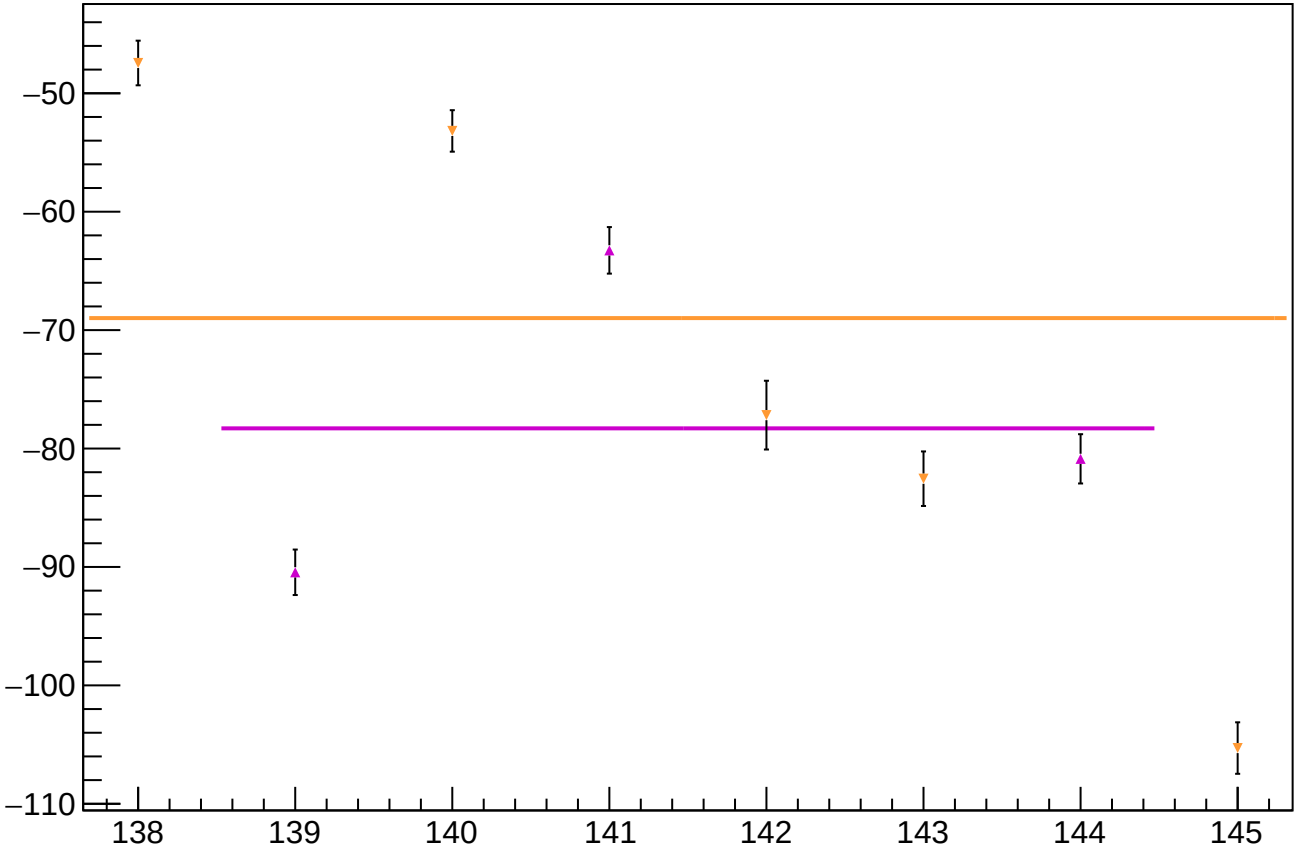
Left In: -53.575+/-0.049 χ^2/NDF:38804.2/2

+ sign -44.384+/-0.026 χ^2/NDF: 138490.2/19

All: -44.707+/-0.018 χ^2/NDF: 313620.5/40

- sign -45.041+/-0.026 χ^2/NDF: 174815.2/20

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -68.985+/-0.942 χ^2/NDF:533.6/4

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

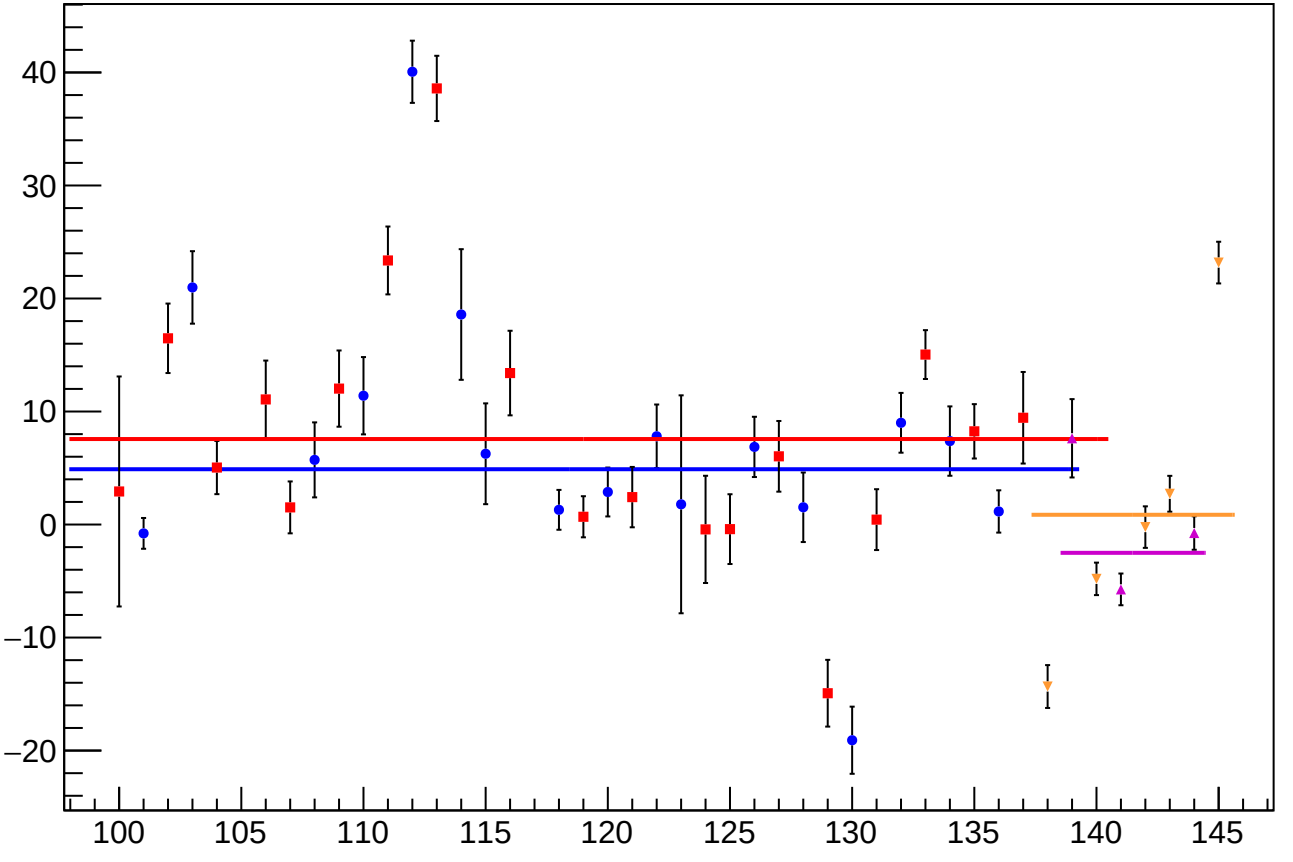
Left In: -78.296+/-1.146 χ^2/NDF:100.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -72.740+/-0.728 χ^2/NDF: 673.1/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 0.863+/-0.756 χ^2/NDF:227.8/4

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

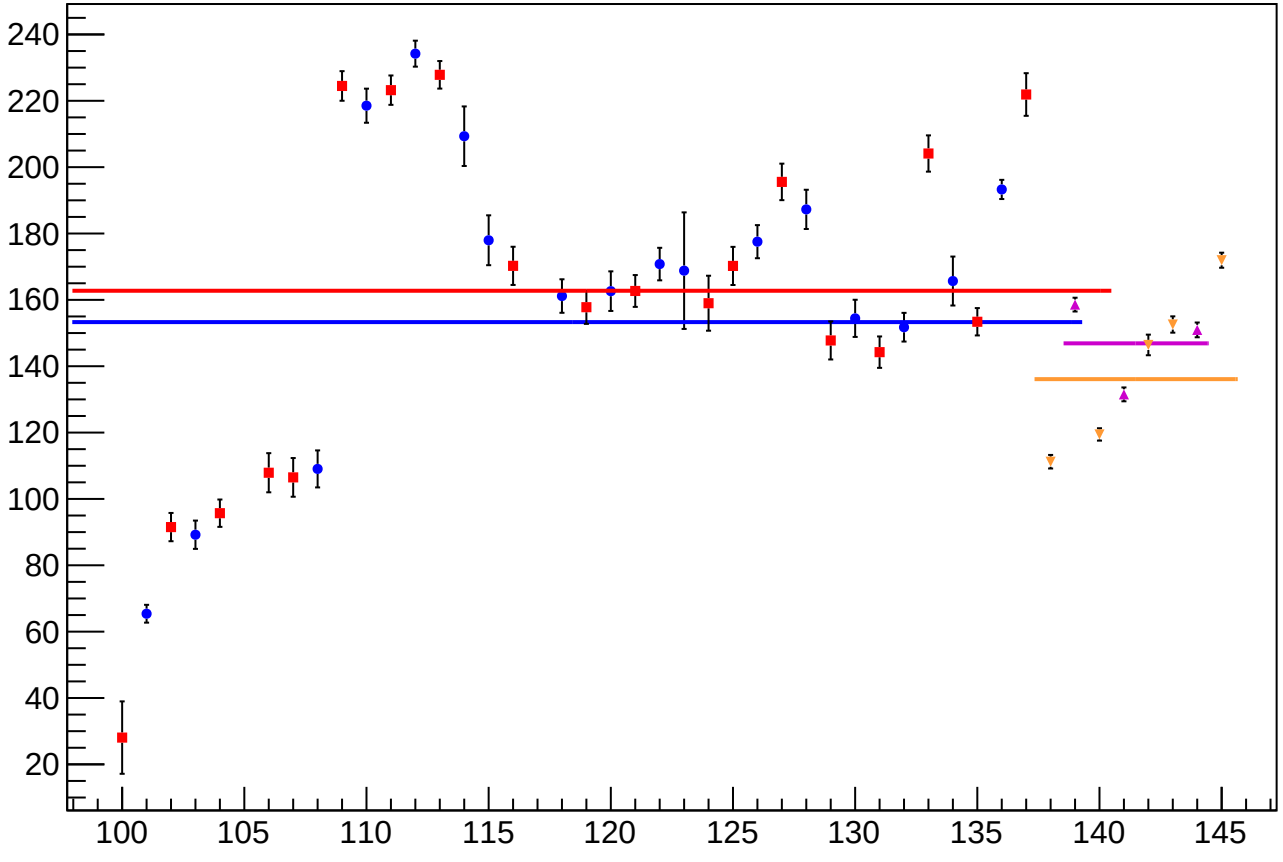
Left In: -2.504+/-0.977 χ^2/NDF:15.3/2

+ sign 3.270+/-0.480 χ^2/NDF: 540.2/21

All: 3.796+/-0.359 χ^2/NDF: 901.8/43

- sign 4.467+/-0.542 χ^2/NDF: 358.9/21

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 136.107+/-1.005 χ^2/NDF:533.4/4

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

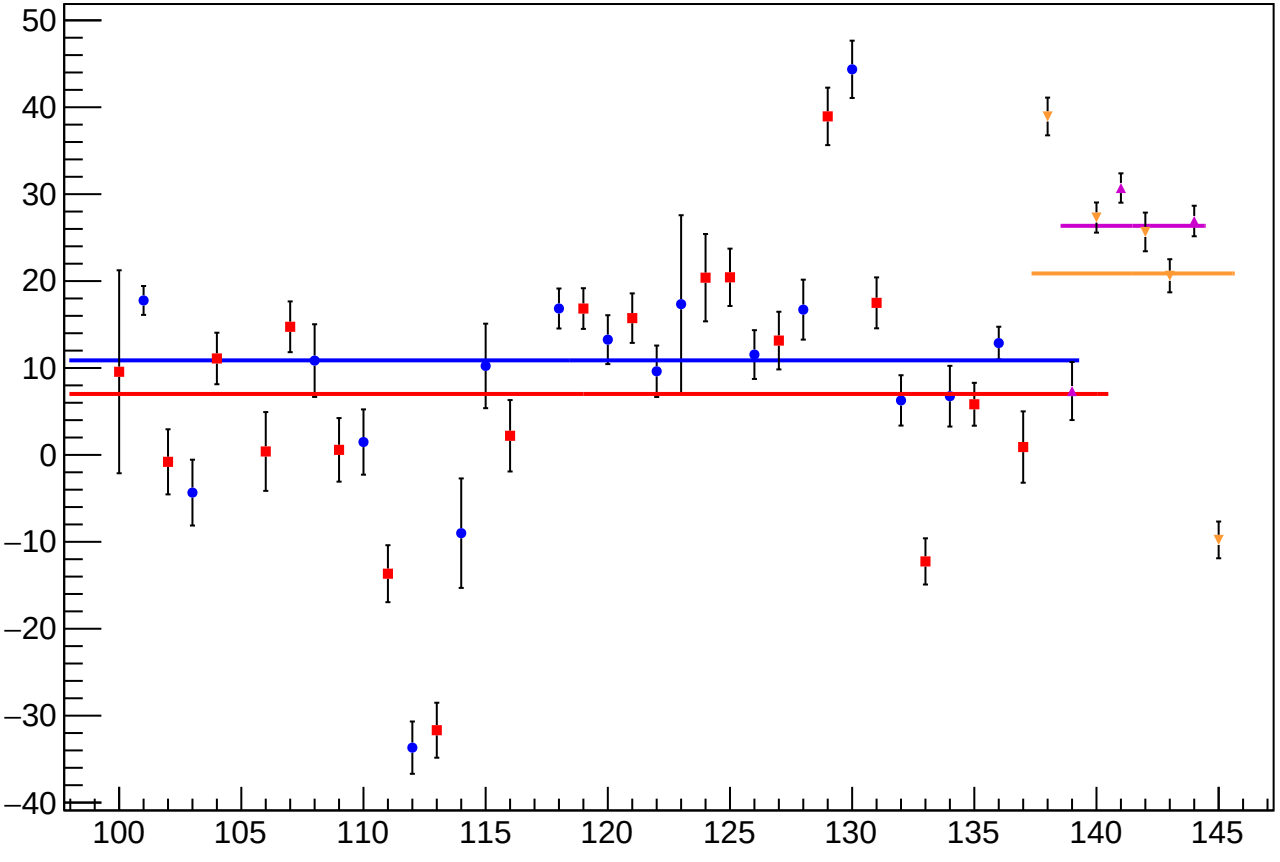
Left In: 146.893+/-1.229 χ^2/NDF:89.1/2

+ sign 143.591+/-0.755 χ^2/NDF: 2927.5/21

All: 148.698+/-0.565 χ^2/NDF: 4915.7/43

- sign 155.164+/-0.850 χ^2/NDF: 1884.6/21

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 20.876+/-0.896 χ^2/NDF:298.1/4

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

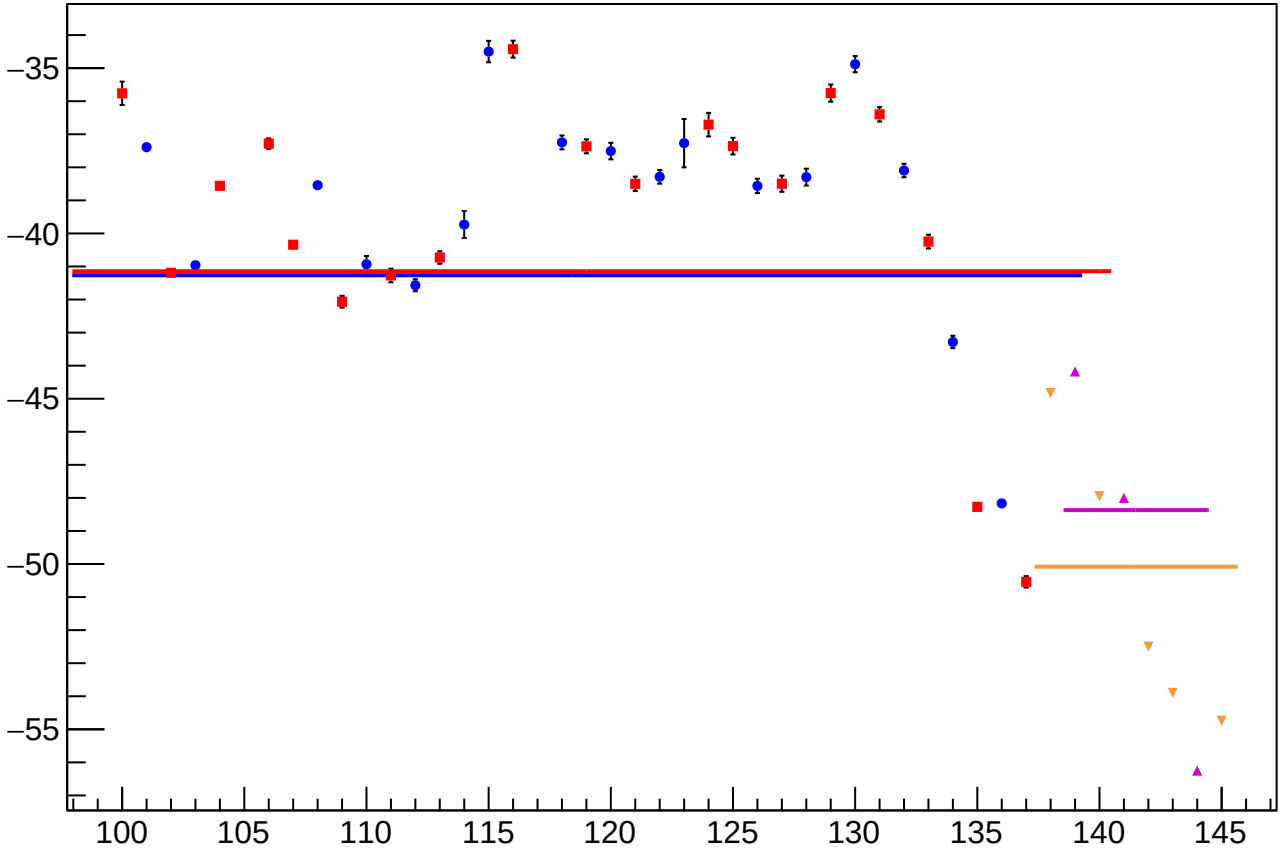
Left In: 26.358+/-1.143 χ^2/NDF:39.2/2

+ sign 14.759+/-0.558 χ^2/NDF: 762.5/21

All: 13.898+/-0.417 χ^2/NDF: 1432.0/43

- sign 12.813+/-0.626 χ^2/NDF: 664.2/21

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -50.080+/-0.041 χ^2/NDF:9486.4/4

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

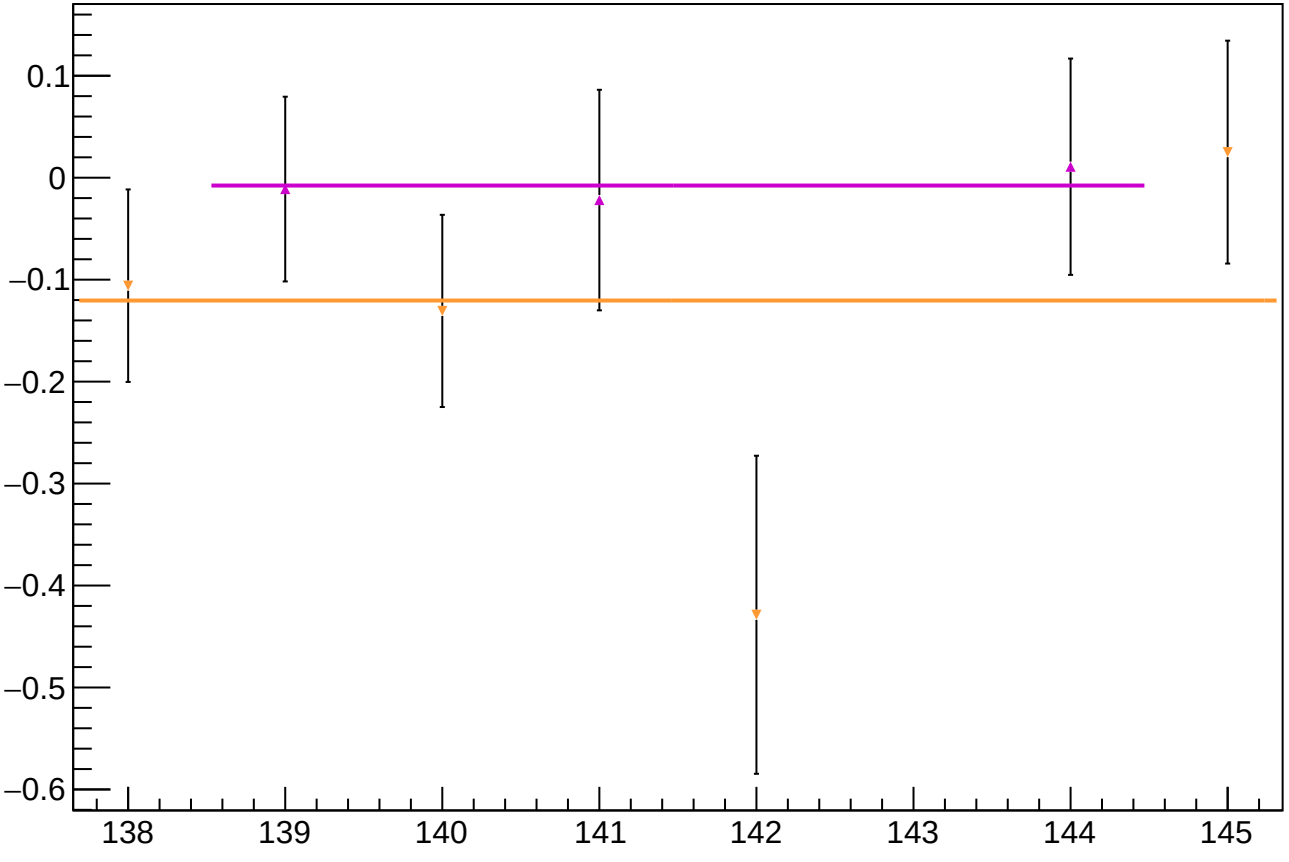
Left In: -48.368+/-0.048 χ^2/NDF:9843.3/2

+ sign -45.396+/-0.028 χ^2/NDF: 46627.4/21

All: -44.734+/-0.021 χ^2/NDF: 83588.4/43

- sign -43.973+/-0.030 χ^2/NDF: 35766.1/21

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.120+/-0.053 χ^2/NDF:5.7/3

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

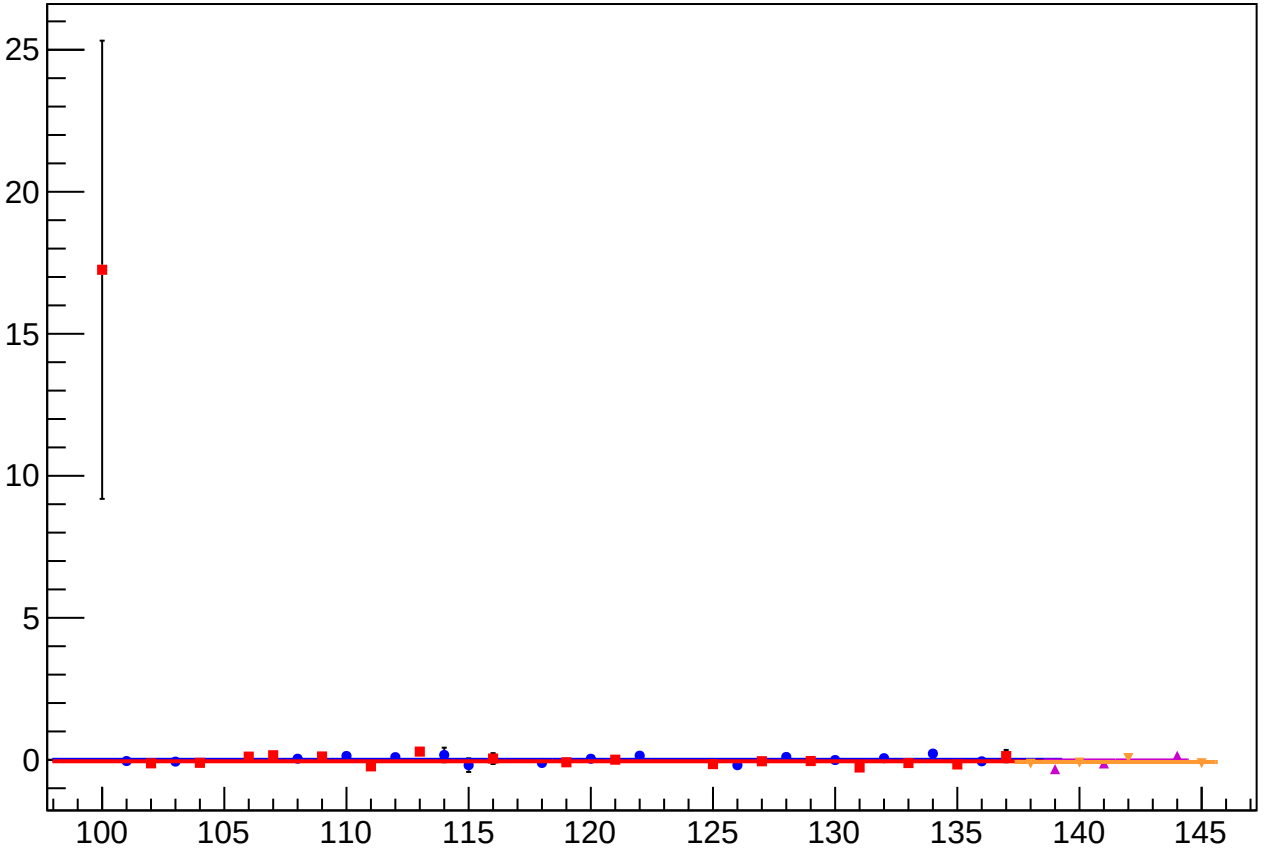
Left In: -0.008+/-0.058 χ^2/NDF:0.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.069+/-0.039 χ^2/NDF: 7.8/6

- 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: -0.076+/-0.046 χ^2/NDF:2.6/3

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

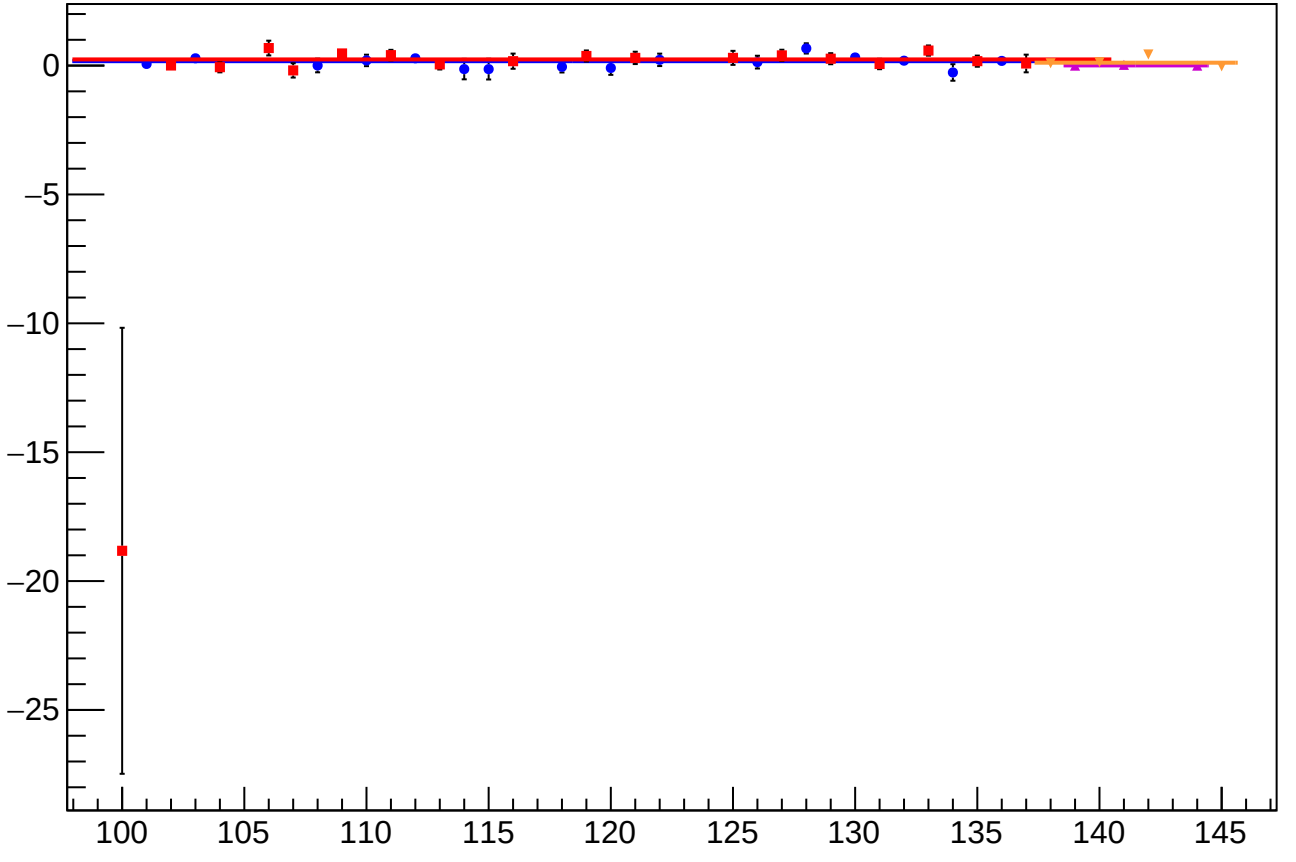
Left In: -0.021+/-0.052 χ^2/NDF:10.1/2

+ sign -0.020+/-0.024 χ^2/NDF: 17.3/19

All: -0.031+/-0.017 χ^2/NDF: 53.9/40

- sign -0.044+/-0.026 χ^2/NDF: 36.1/20

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.112+/-0.057 χ^2/NDF:5.3/3

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

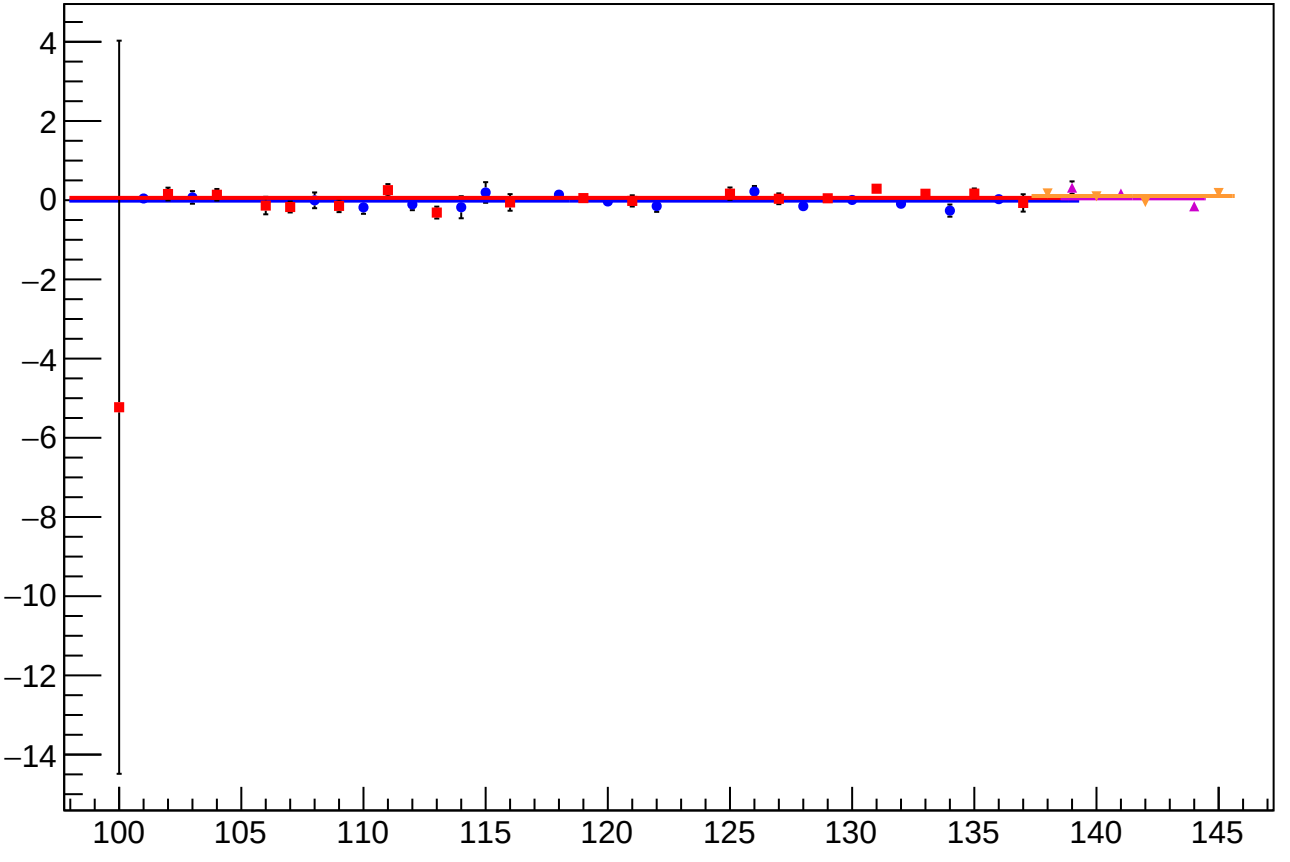
Left In: 0.007+/-0.062 χ^2/NDF:0.0/2

+ sign 0.144+/-0.039 χ^2/NDF: 19.5/19

All: 0.142+/-0.028 χ^2/NDF: 49.3/40

- sign 0.140+/-0.041 χ^2/NDF: 29.8/20

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.106+/-0.053 χ^2/NDF:2.5/3

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

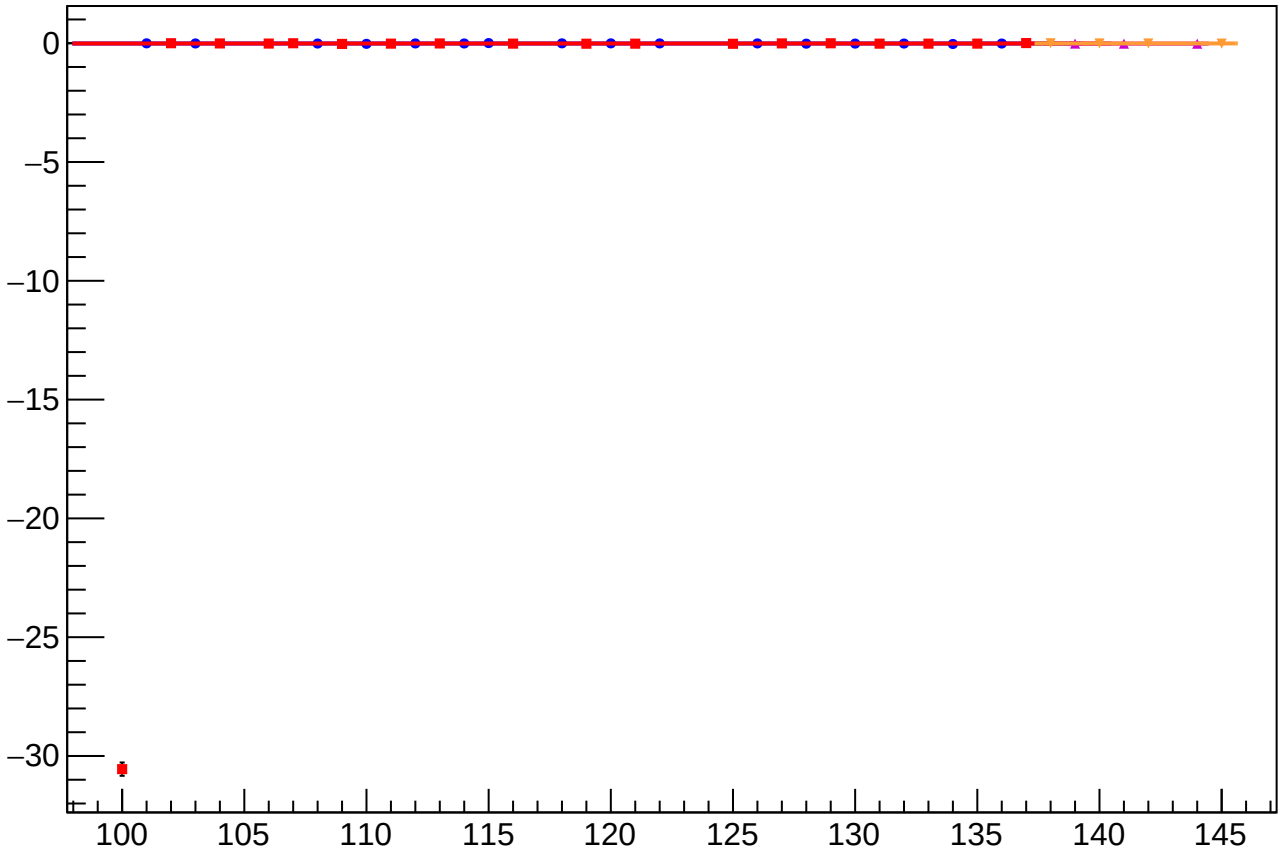
Left In: 0.047+/-0.060 χ^2/NDF:9.7/2

+ sign 0.021+/-0.028 χ^2/NDF: 19.8/19

All: 0.037+/-0.020 χ^2/NDF: 50.8/40

- sign 0.056+/-0.030 χ^2/NDF: 30.3/20

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:6.9/3

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

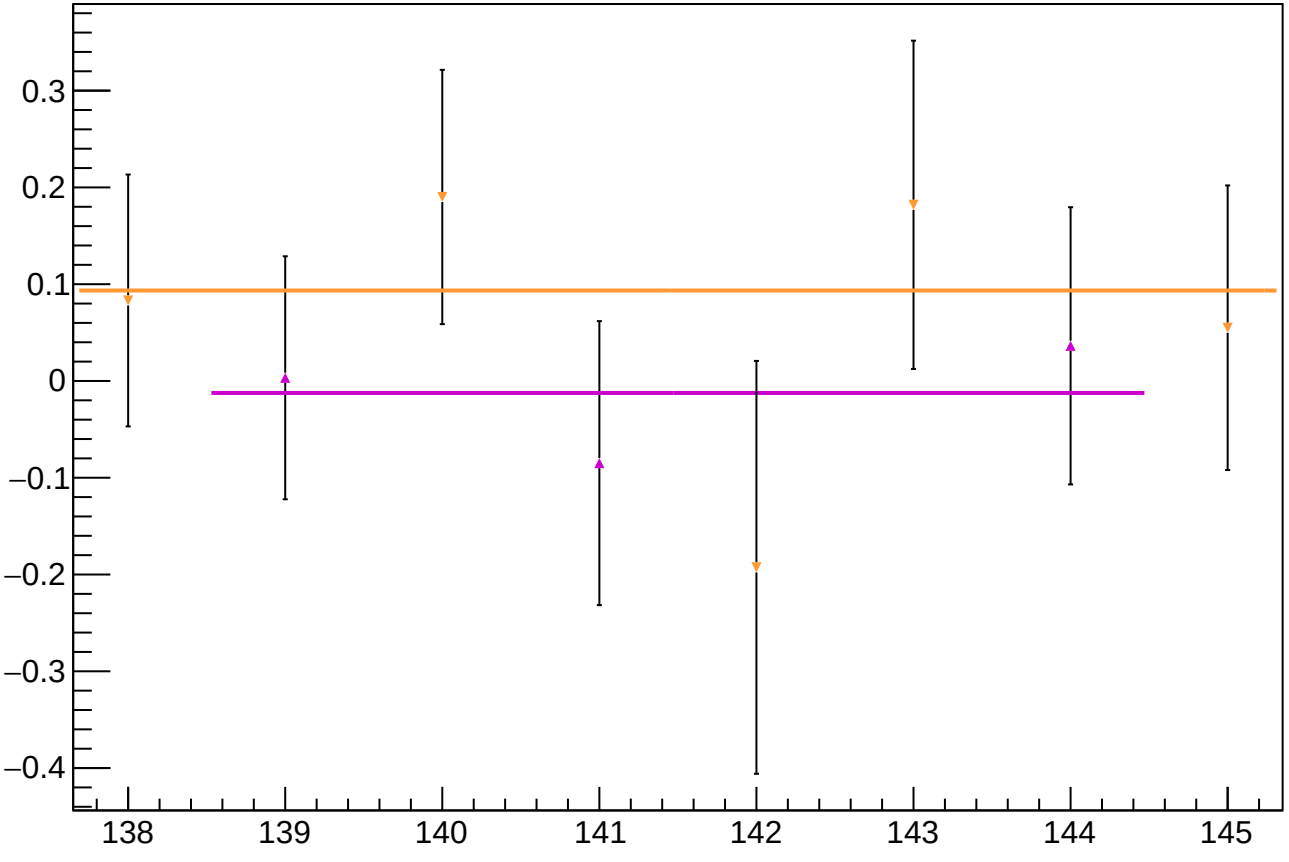
Left In: -0.017+/-0.002 χ^2/NDF:0.6/2

+ sign -0.011+/-0.001 χ^2/NDF: 20.7/19

All: -0.012+/-0.001 χ^2/NDF: 11918.0/40

- sign -0.014+/-0.001 χ^2/NDF: 11894.9/20

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: 0.093+/-0.067 χ^2/NDF:2.7/4

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

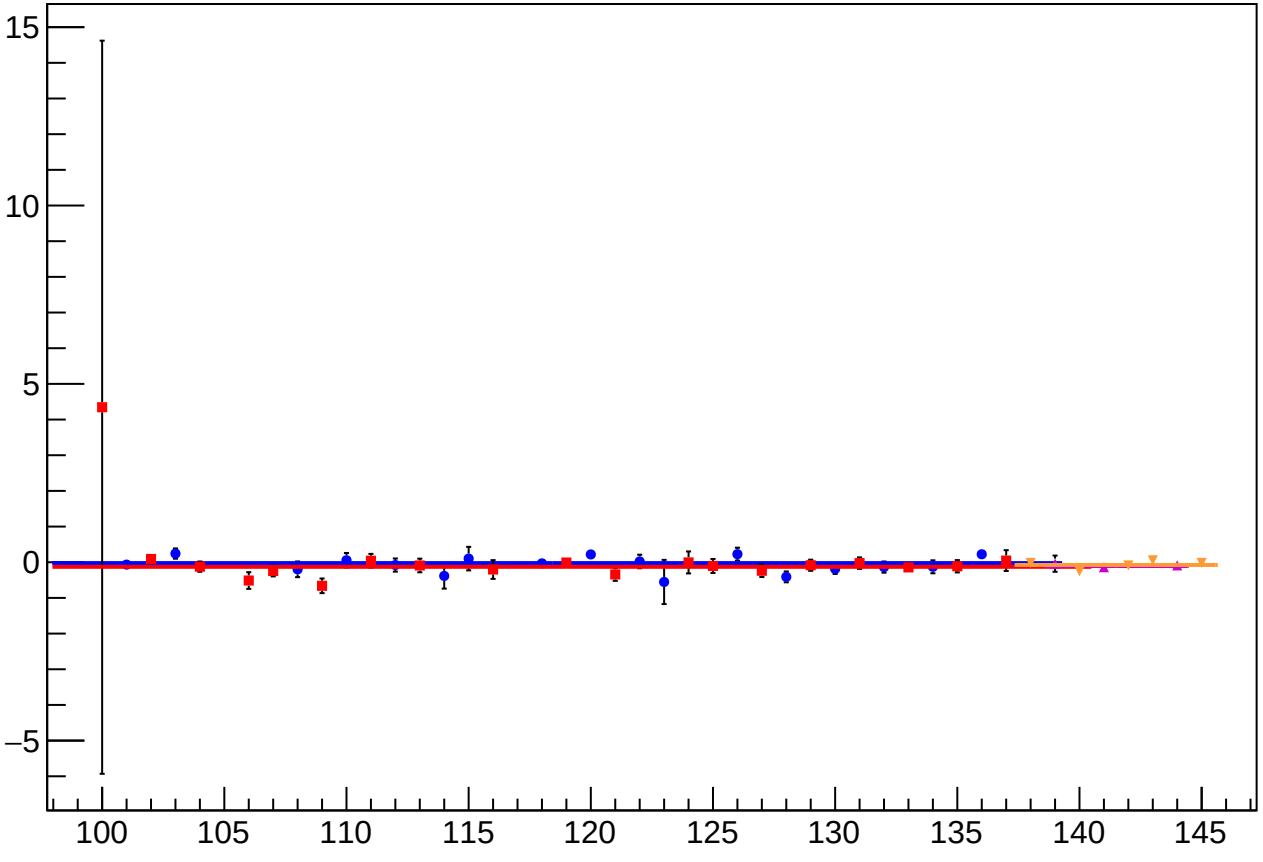
Left In: -0.012+/-0.079 χ^2/NDF:0.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.049+/-0.051 χ^2/NDF: 4.1/7

- 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: -0.076+/-0.055 χ^2/NDF:4.3/4

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

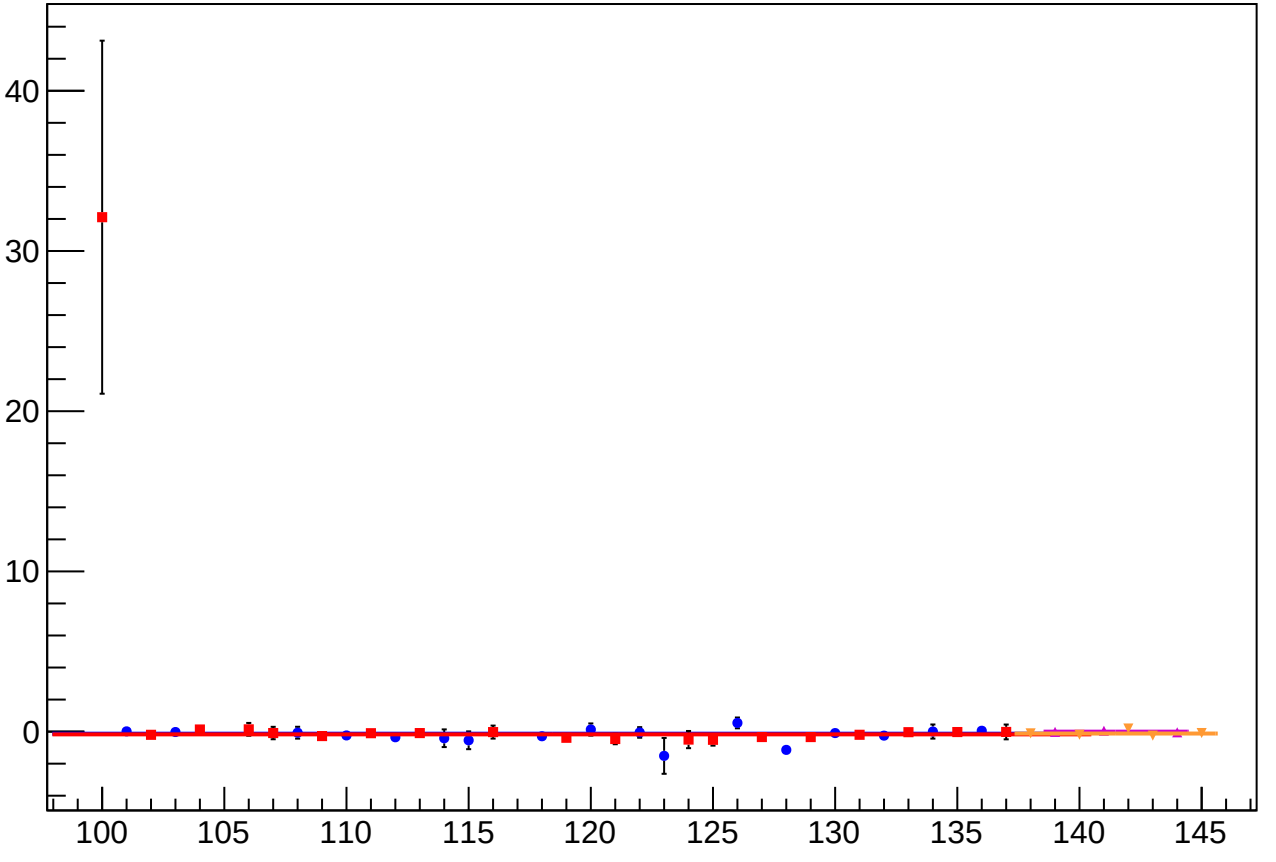
Left In: -0.106+/-0.070 χ^2/NDF:0.2/2

+ sign -0.040+/-0.030 χ^2/NDF: 28.3/21

All: -0.077+/-0.023 χ^2/NDF: 49.4/43

- sign -0.123+/-0.034 χ^2/NDF: 17.9/21

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: -0.120+/-0.072 χ^2/NDF:2.7/4

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

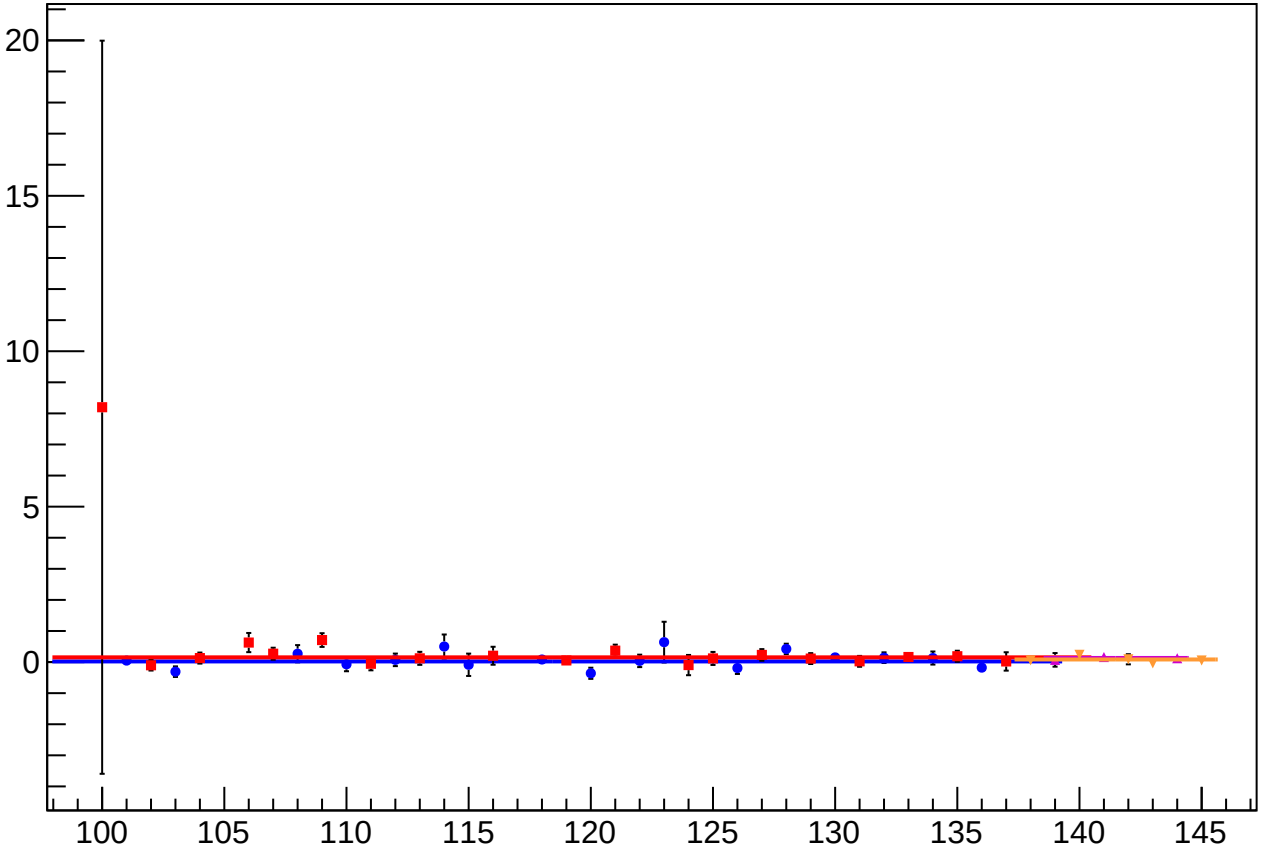
Left In: -0.002+/-0.085 χ^2/NDF:0.2/2

+ sign -0.125+/-0.049 χ^2/NDF: 26.5/21

All: -0.115+/-0.036 χ^2/NDF: 44.2/43

- sign -0.102+/-0.055 χ^2/NDF: 17.6/21

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.084+/-0.065 χ^2/NDF:2.2/4

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

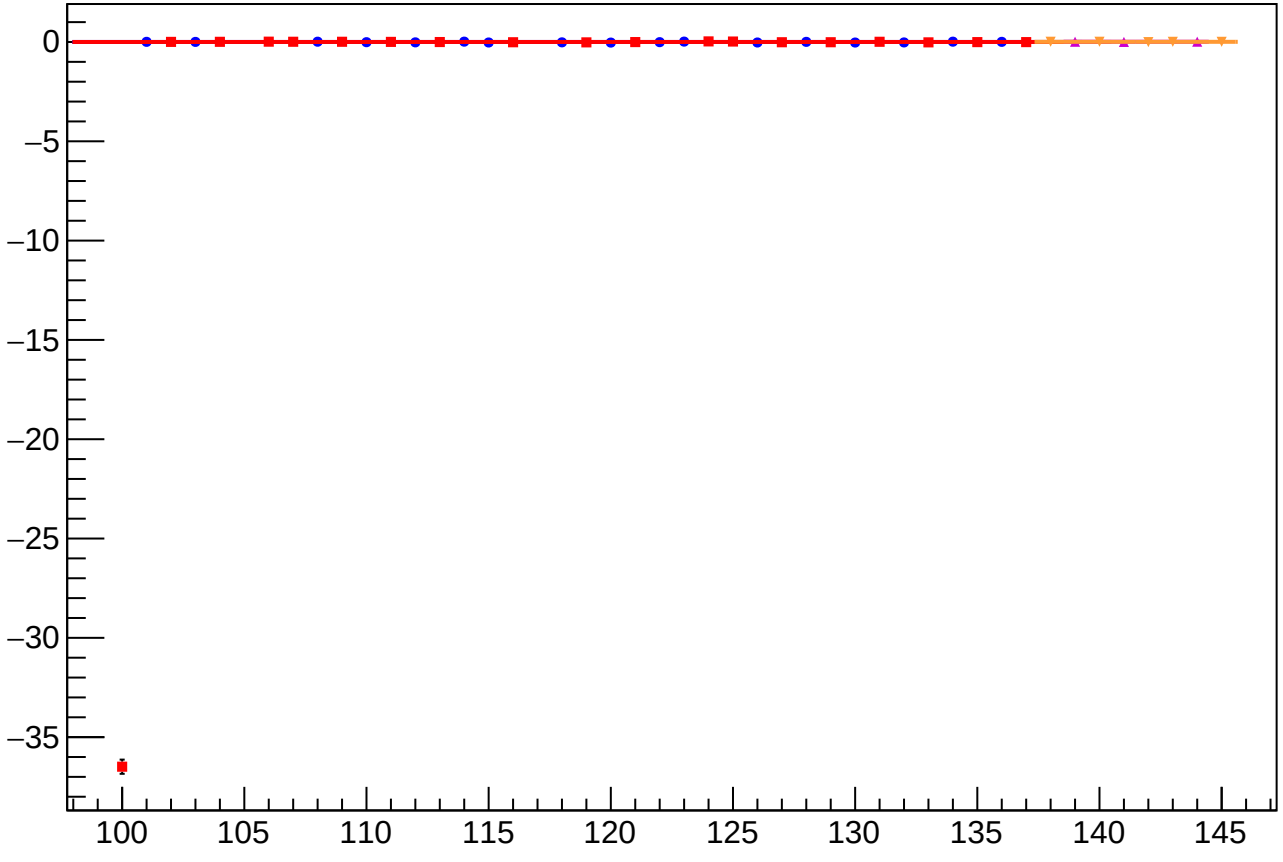
Left In: 0.132+/-0.081 χ^2/NDF:0.1/2

+ sign 0.039+/-0.035 χ^2/NDF: 25.4/21

All: 0.087+/-0.026 χ^2/NDF: 45.9/43

- sign 0.147+/-0.040 χ^2/NDF: 16.4/21

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.009+/-0.003 χ^2/NDF:3.2/4

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

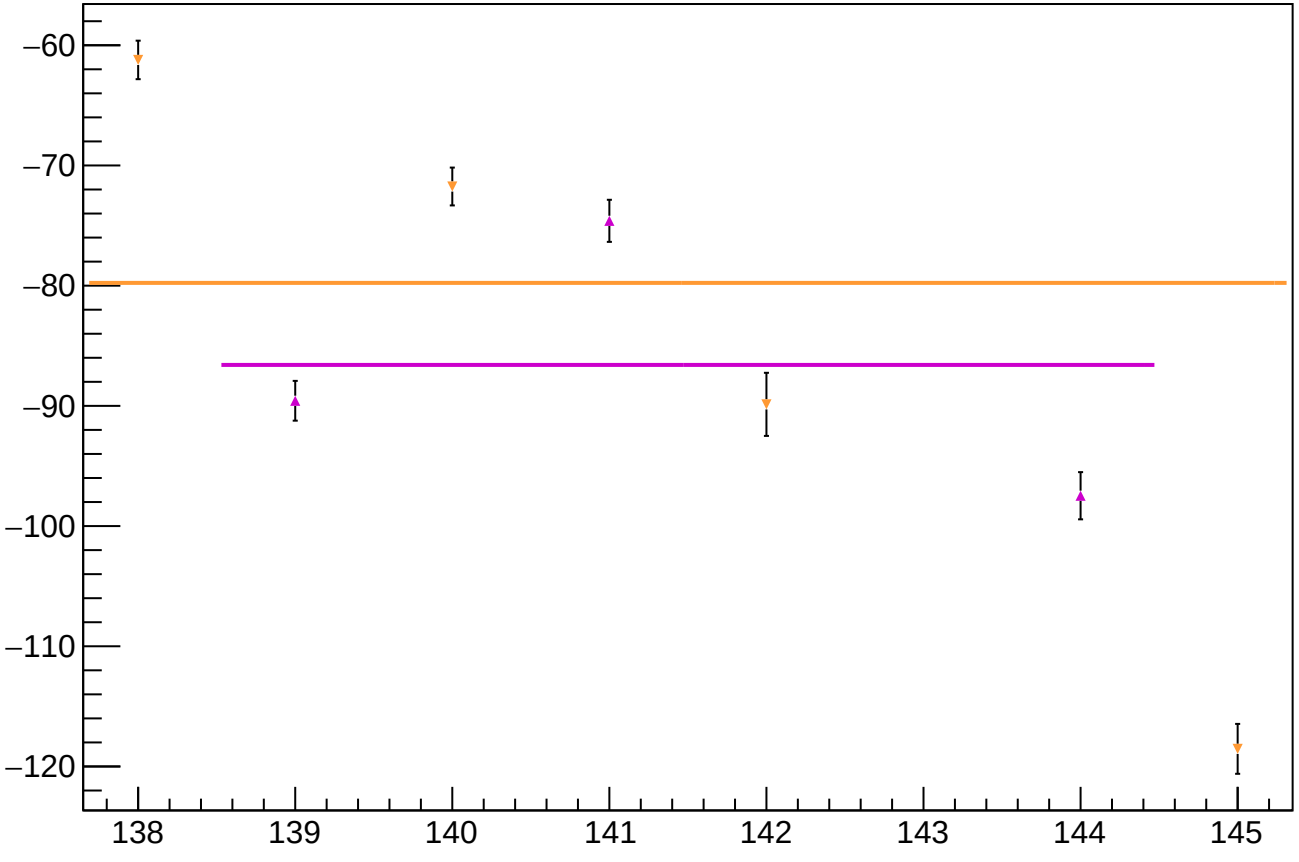
Left In: 0.011+/-0.003 χ^2/NDF:2.0/2

+ sign 0.004+/-0.002 χ^2/NDF: 39.7/21

All: 0.004+/-0.001 χ^2/NDF: 10497.3/43

- sign 0.004+/-0.002 χ^2/NDF: 10457.5/21

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -79.769+/-0.924 χ^2/NDF:523.7/3

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

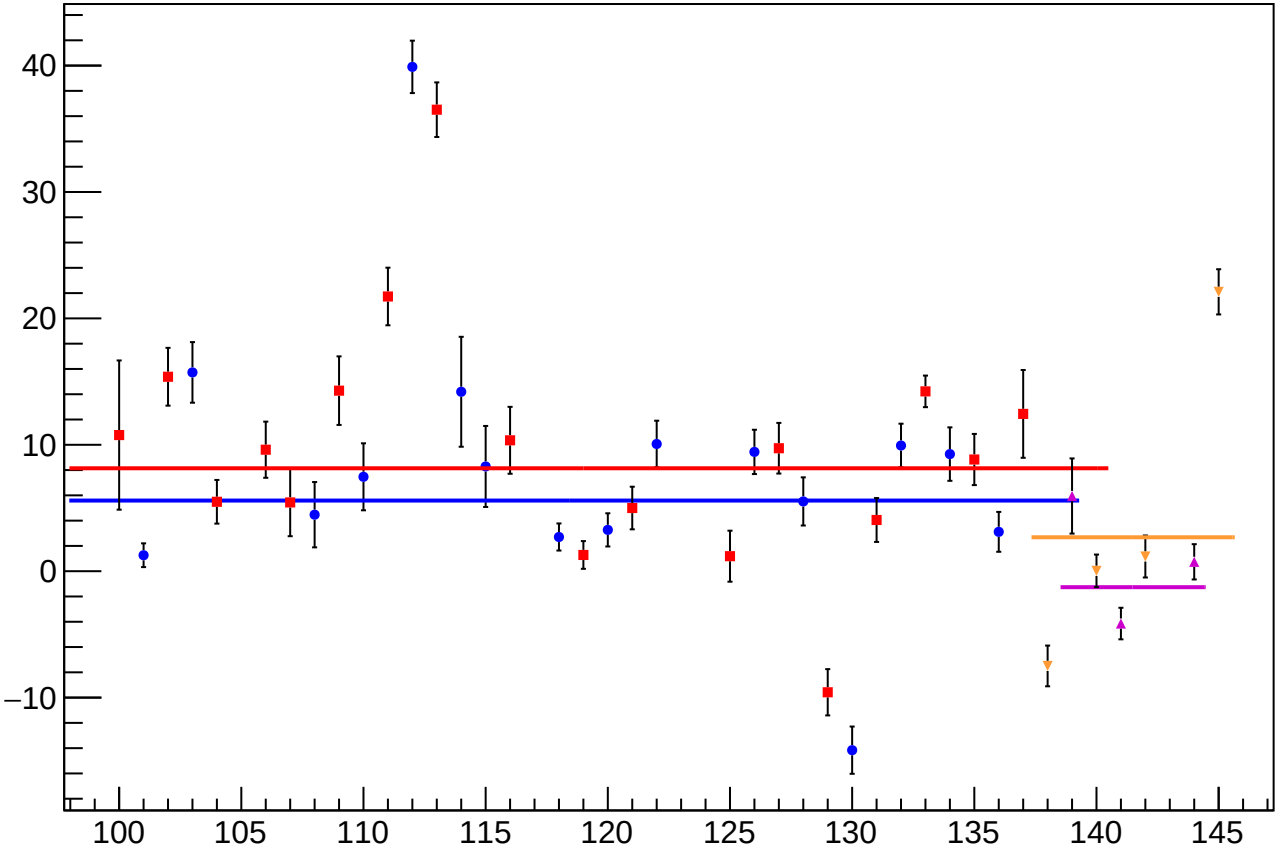
Left In: -86.593+/-1.026 χ^2/NDF:80.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -82.828+/-0.687 χ^2/NDF: 629.0/6

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589+/-0.424 χ^2/NDF: 462.8/15

Left Out: 2.683+/-0.776 χ^2/NDF:162.9/3

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

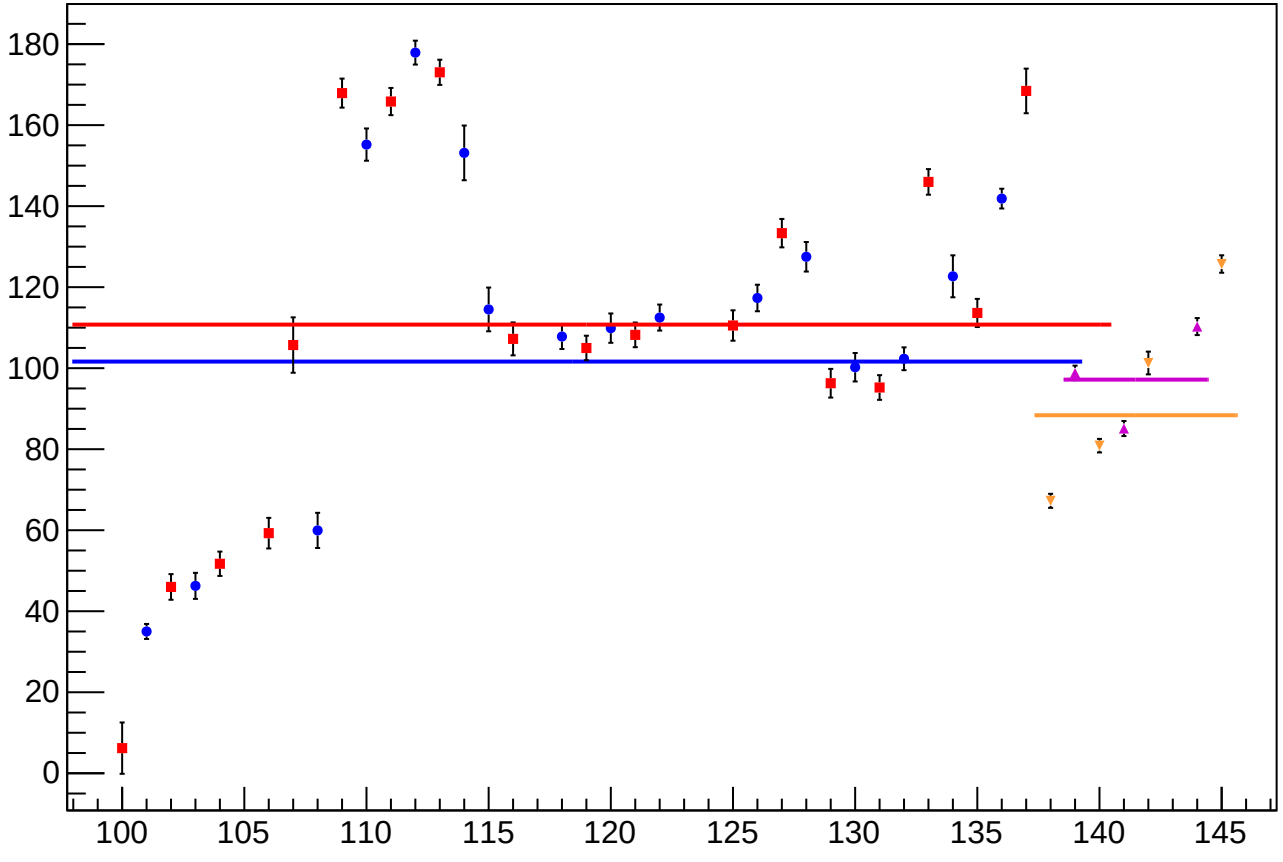
Left In: -1.265+/-0.888 χ^2/NDF:13.3/2

+ sign 4.922+/-0.372 χ^2/NDF: 636.5/19

All: 5.506+/-0.274 χ^2/NDF: 1151.8/40

- sign 6.195+/-0.404 χ^2/NDF: 510.0/20

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 88.379+/-0.985 χ^2/NDF:489.5/3

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

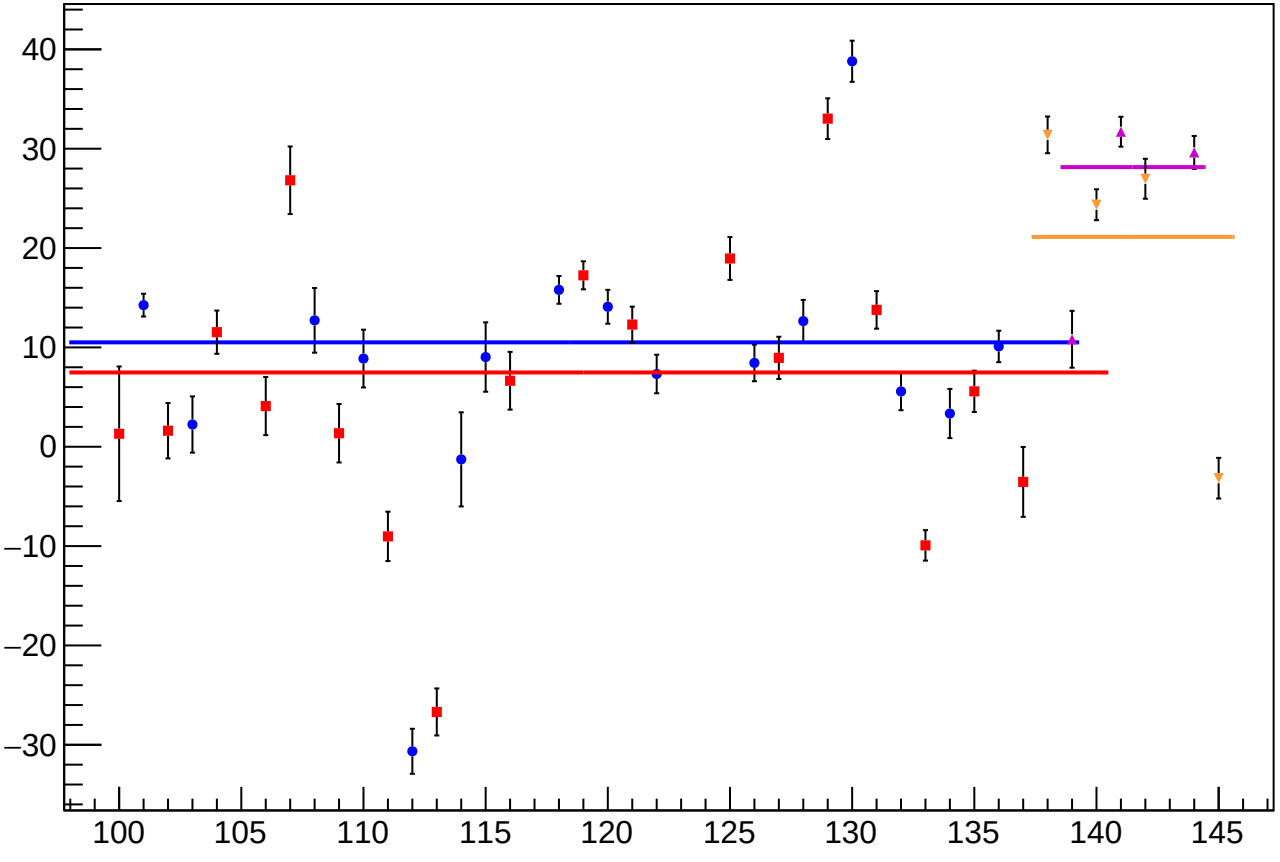
Left In: 97.177+/-1.100 χ^2/NDF:81.8/2

+ sign 96.312+/-0.624 χ^2/NDF: 3576.6/19

All: 100.744+/-0.455 χ^2/NDF: 6375.7/40

- sign 105.782+/-0.666 χ^2/NDF: 2691.4/20

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 21.121+/-0.916 χ^2/NDF:184.7/3

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

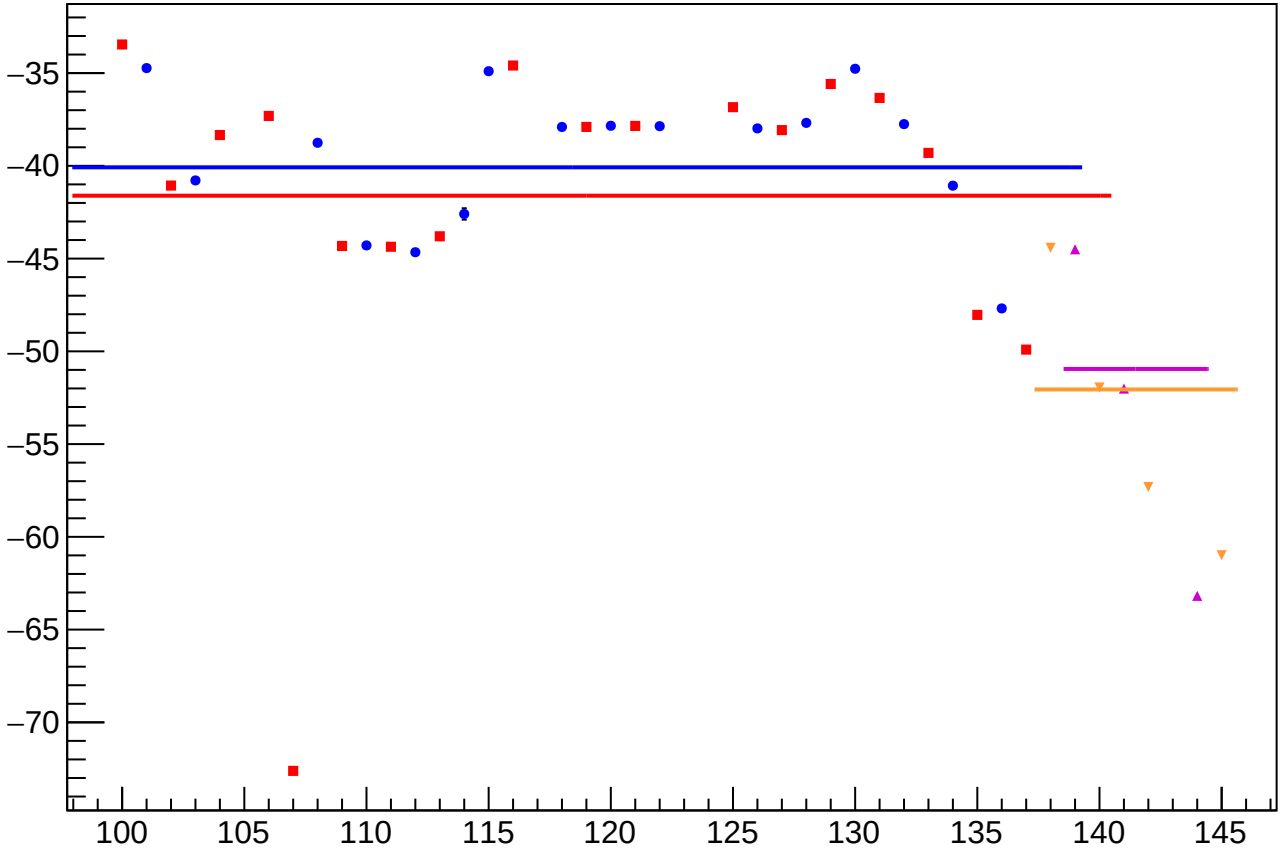
Left In: 28.147+/-1.037 χ^2/NDF:43.1/2

+ sign 12.887+/-0.433 χ^2/NDF: 870.5/19

All: 12.329+/-0.318 χ^2/NDF: 1922.9/40

- sign 11.680+/-0.468 χ^2/NDF: 1048.8/20

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -52.055+/-0.040 χ^2/NDF:25498.2/3

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

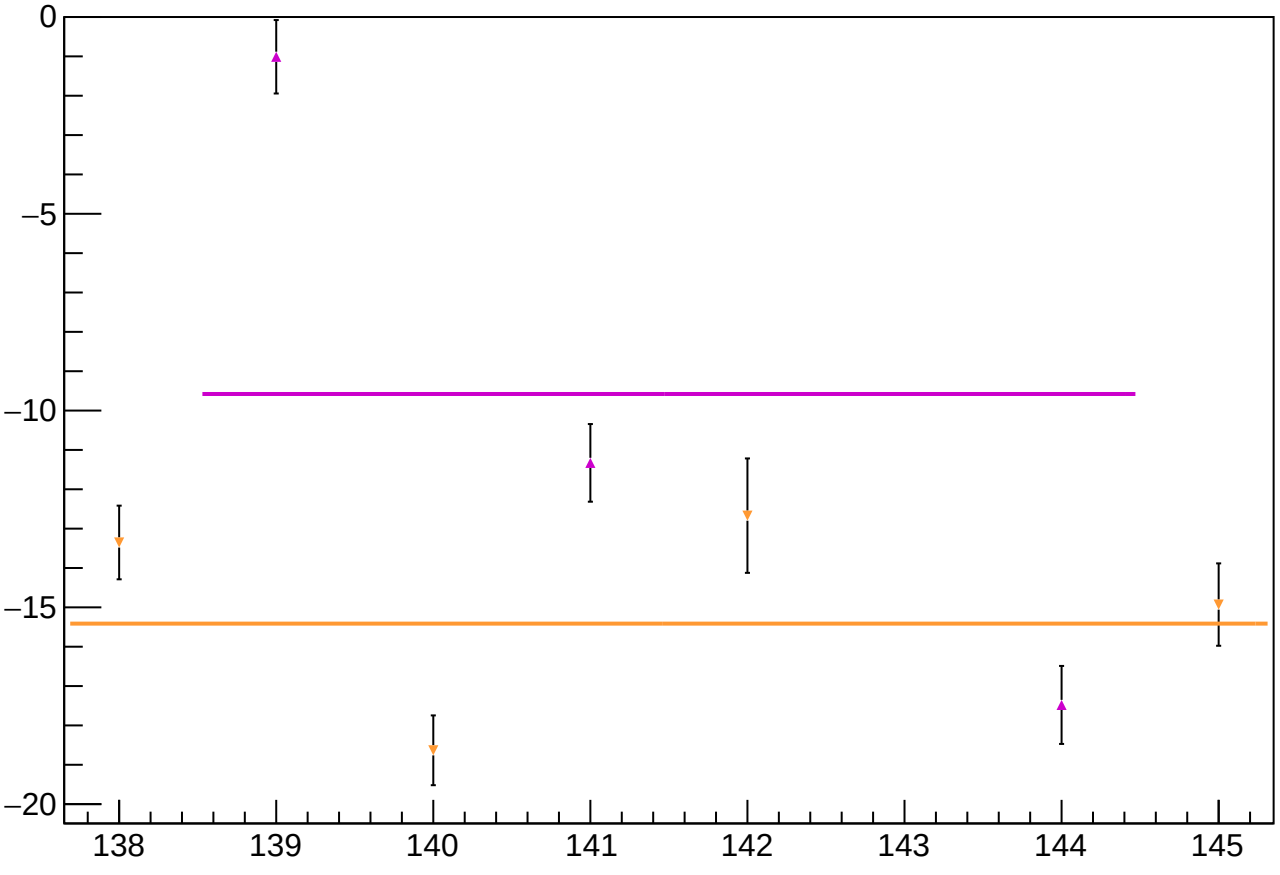
Left In: -50.949+/-0.043 χ^2/NDF:28360.8/2

+ sign -44.008+/-0.023 χ^2/NDF: 109787.3/19

All: -44.243+/-0.017 χ^2/NDF: 233107.1/40

- sign -44.491+/-0.024 χ^2/NDF: 123107.0/20

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -15.413+/-0.513 χ^2/NDF:21.8/3

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

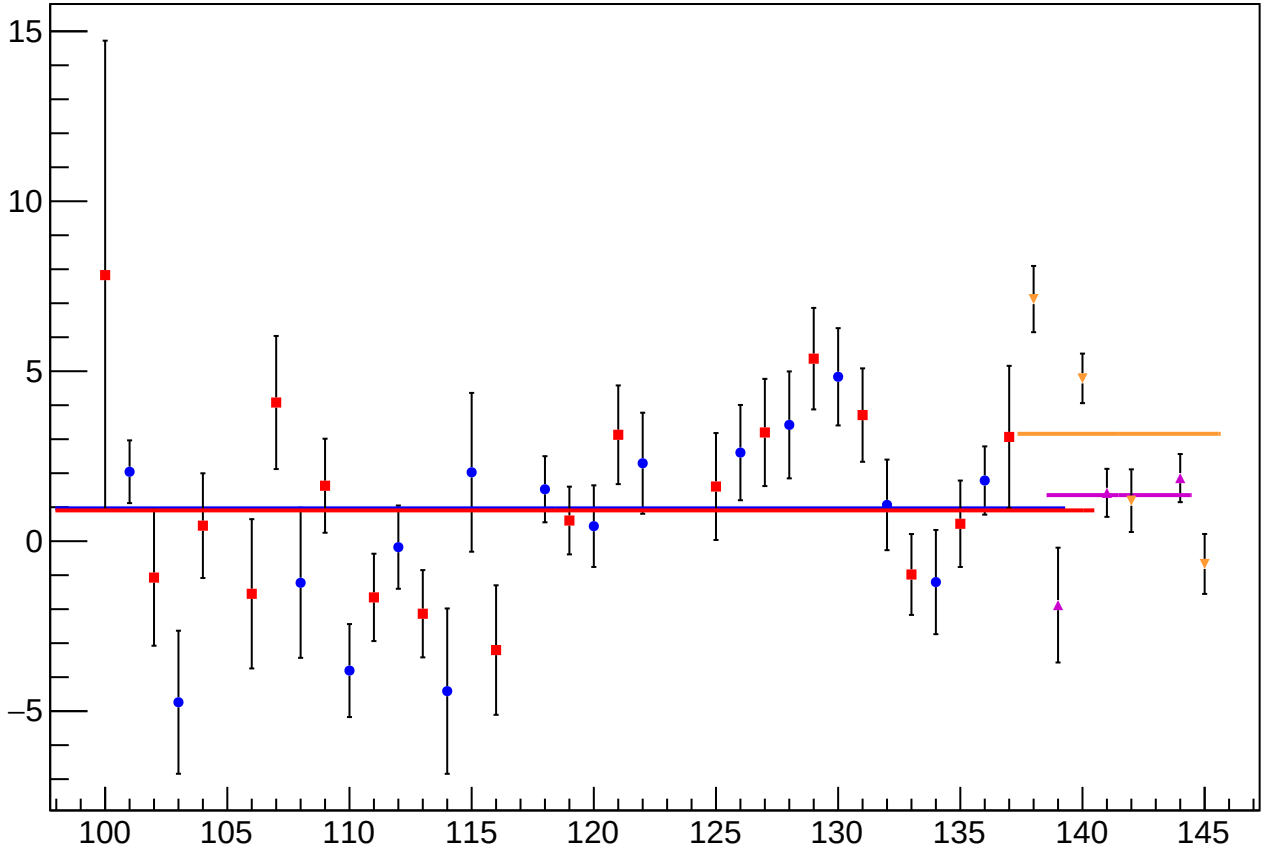
Left In: -9.579+/-0.560 χ^2/NDF:151.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.749+/-0.378 χ^2/NDF: 231.9/6

- 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: 3.159+/-0.430 χ^2/NDF:45.0/3

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

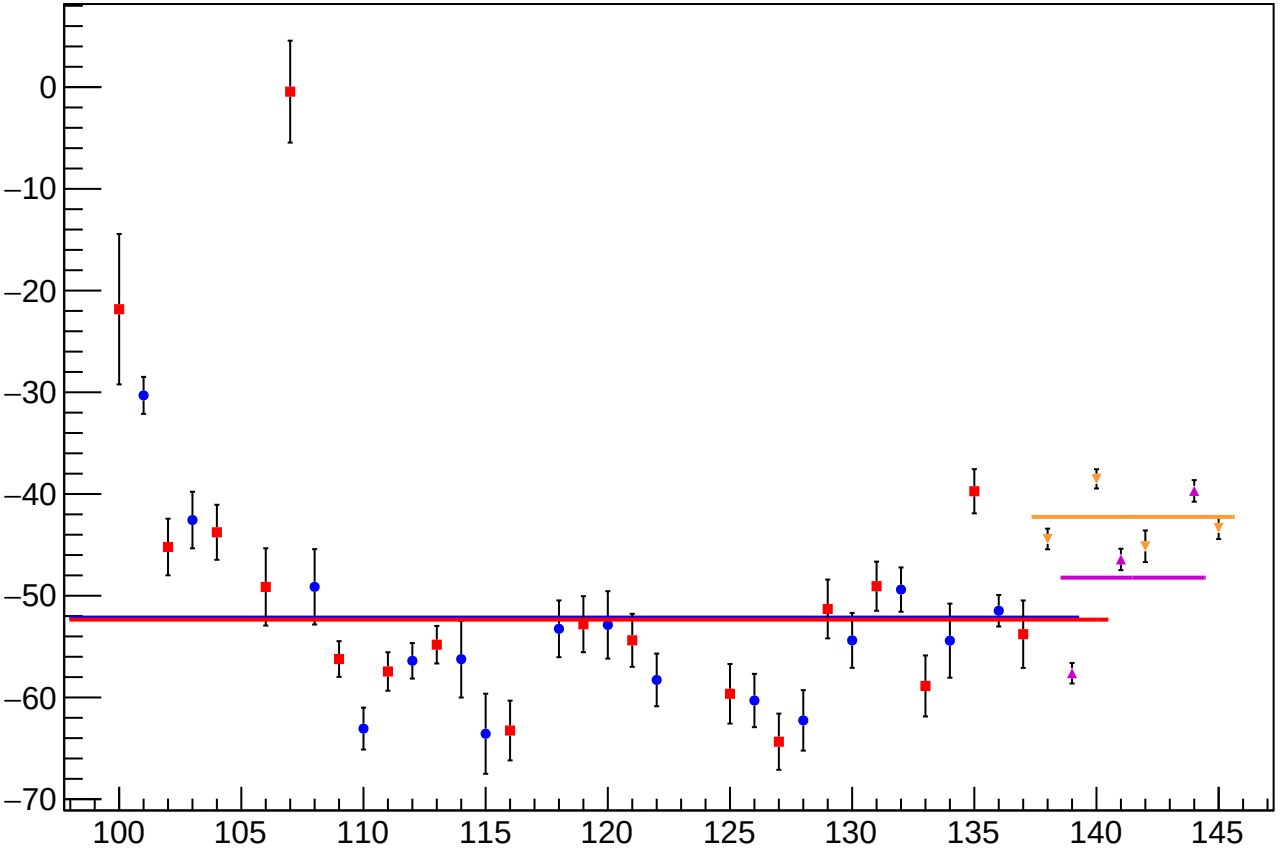
Left In: 1.355+/-0.480 χ^2/NDF:4.2/2

+ sign 1.803+/-0.266 χ^2/NDF: 104.0/19

All: 1.459+/-0.194 χ^2/NDF: 154.3/40

- sign 1.064+/-0.285 χ^2/NDF: 46.7/20

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -42.250+/-0.548 χ^2/NDF:24.6/3

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

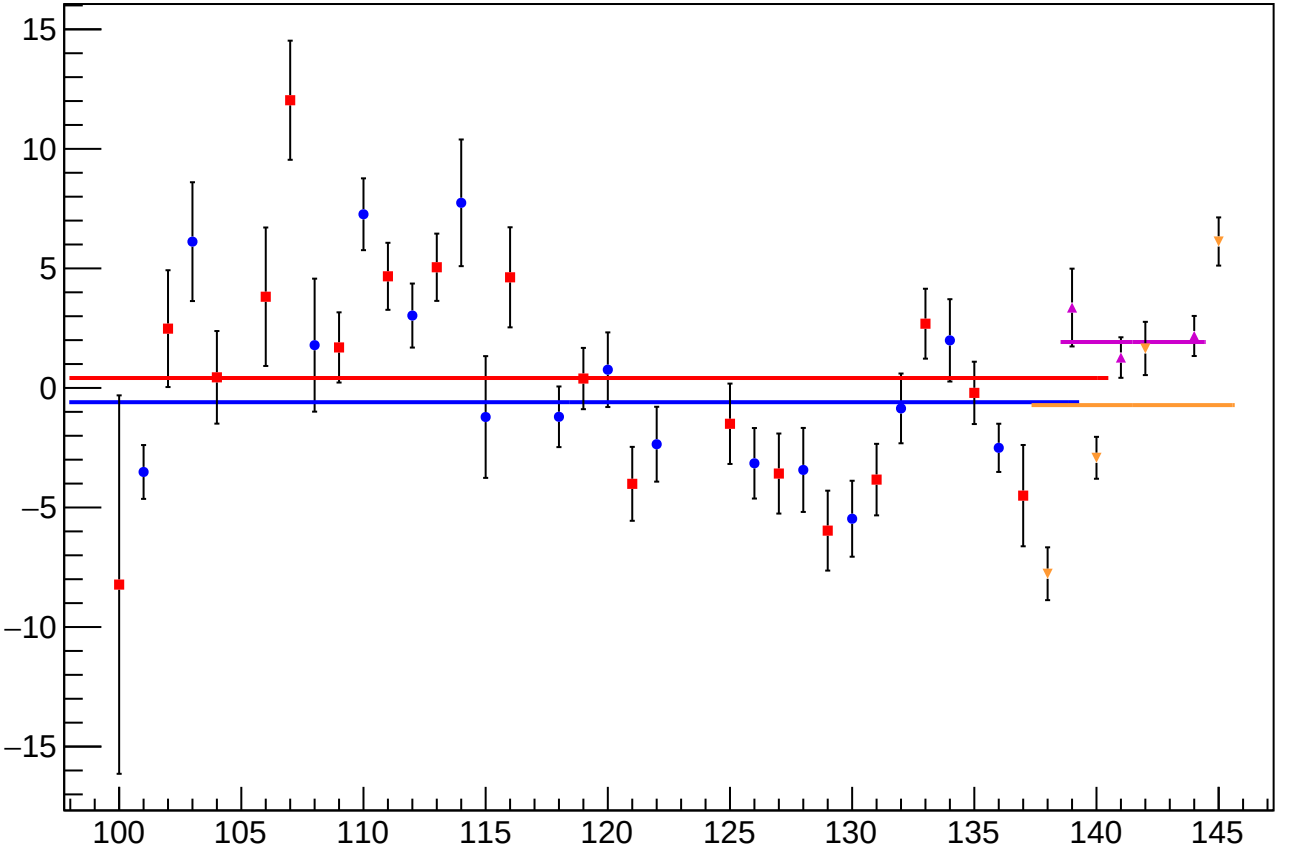
Left In: -48.223+/-0.600 χ^2/NDF:154.3/2

+ sign -46.653+/-0.408 χ^2/NDF: 400.1/19

All: -48.350+/-0.296 χ^2/NDF: 849.6/40

- sign -50.231+/-0.430 χ^2/NDF: 413.0/20

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: -0.717+/-0.506 χ^2/NDF:97.7/3

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

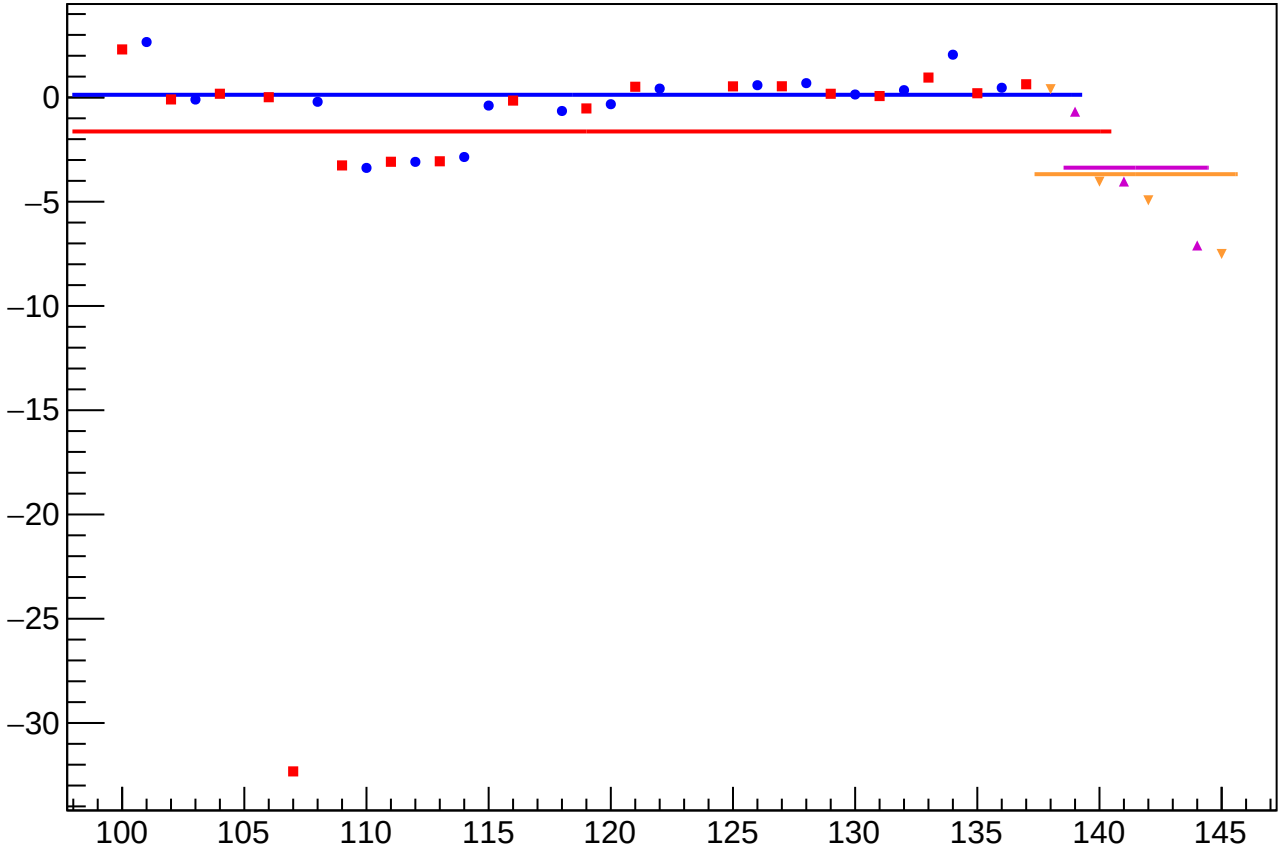
Left In: 1.921+/-0.560 χ^2/NDF:1.5/2

+ sign -0.640+/-0.306 χ^2/NDF: 180.3/19

All: 0.094+/-0.223 χ^2/NDF: 294.6/40

- sign 0.924+/-0.325 χ^2/NDF: 102.0/20

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -3.680+/-0.022 χ^2/NDF:18862.4/3

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

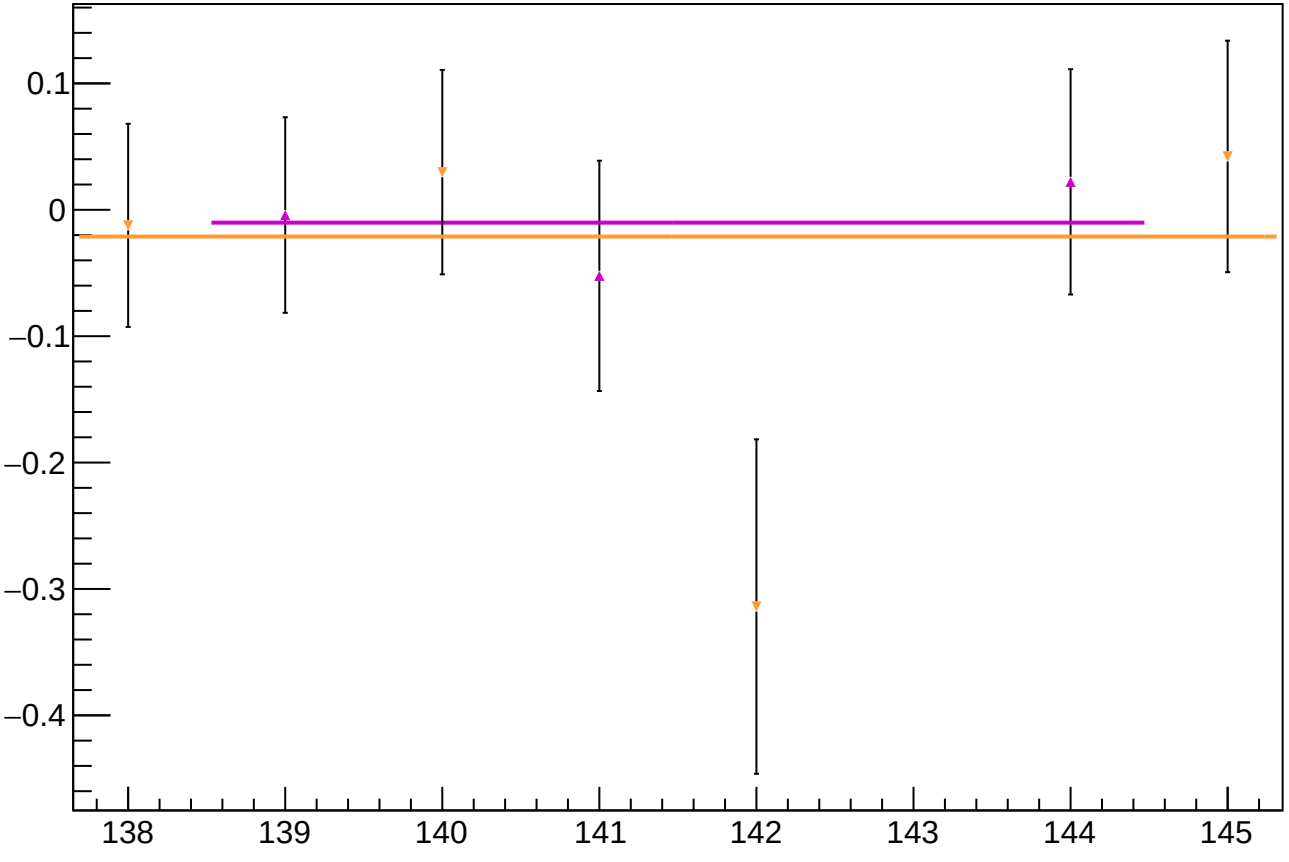
Left In: -3.368+/-0.023 χ^2/NDF:12395.6/2

+ sign -1.711+/-0.015 χ^2/NDF: 39271.6/19

All: -2.061+/-0.011 χ^2/NDF: 133541.6/40

- sign -2.435+/-0.016 χ^2/NDF: 93210.5/20

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.021+/-0.045 χ^2/NDF:5.8/3

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

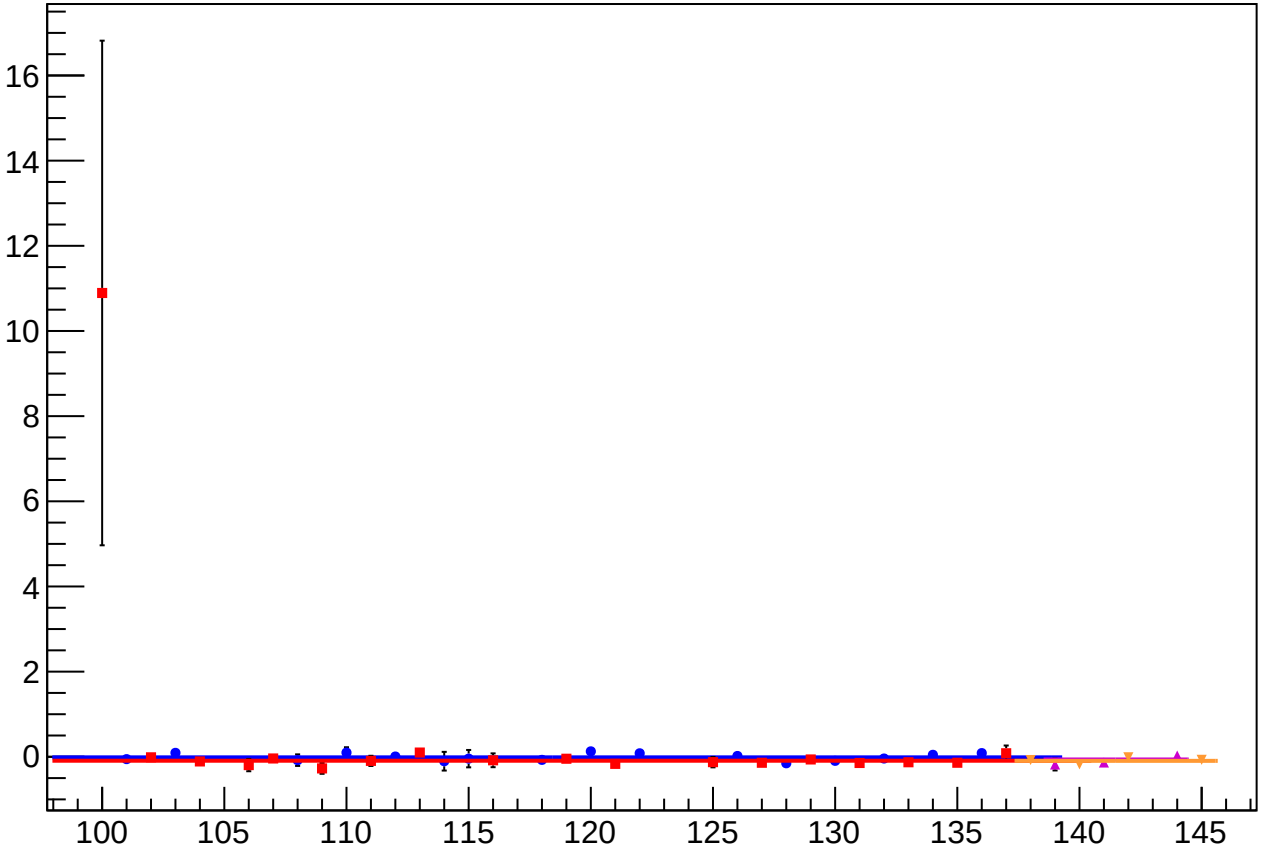
Left In: -0.010+/-0.049 χ^2/NDF:0.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.016+/-0.033 χ^2/NDF: 6.2/6

- 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: -0.095+/-0.039 χ^2/NDF:2.6/3

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

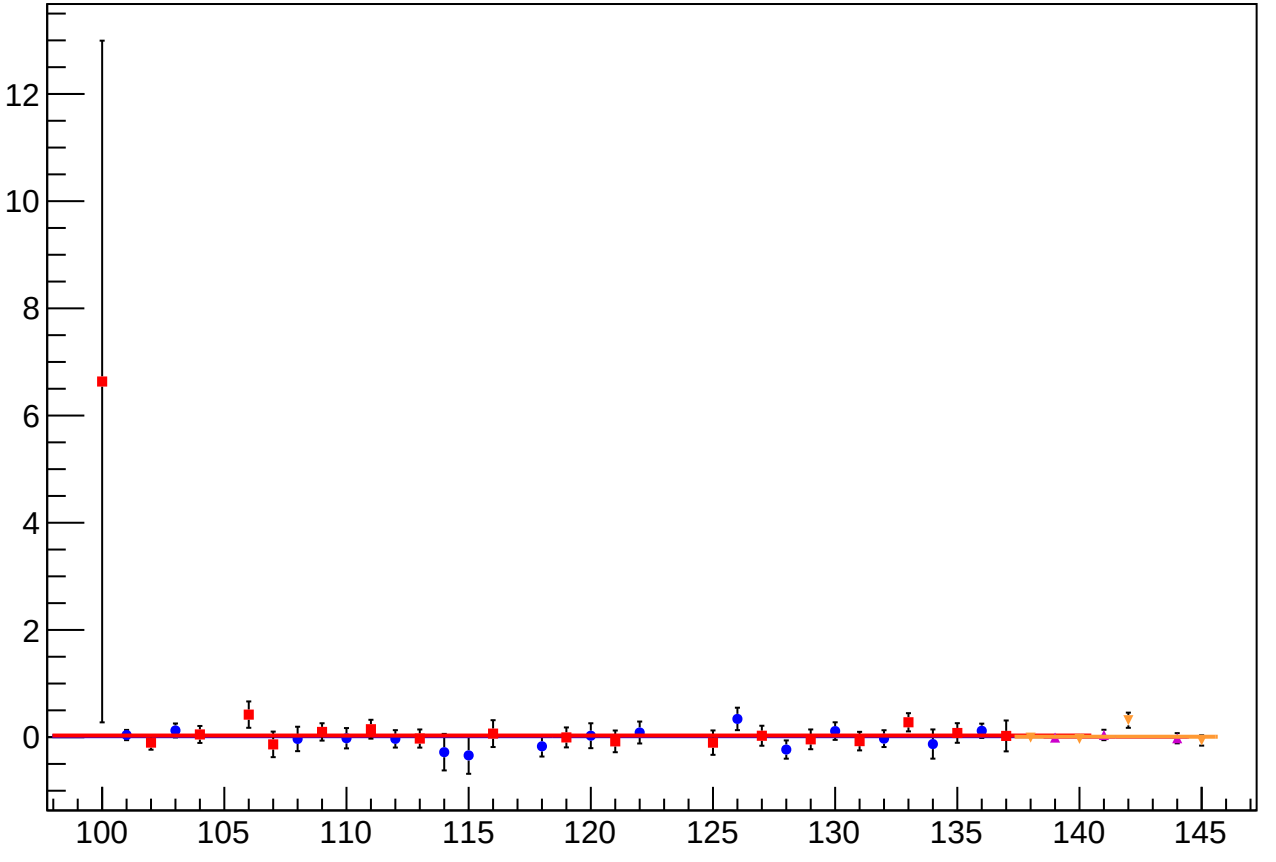
Left In: -0.063+/-0.043 χ^2/NDF:4.0/2

+ sign -0.035+/-0.020 χ^2/NDF: 18.2/19

All: -0.058+/-0.015 χ^2/NDF: 38.1/40

- sign -0.085+/-0.022 χ^2/NDF: 17.0/20

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.008+/-0.049 χ^2/NDF:5.5/3

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

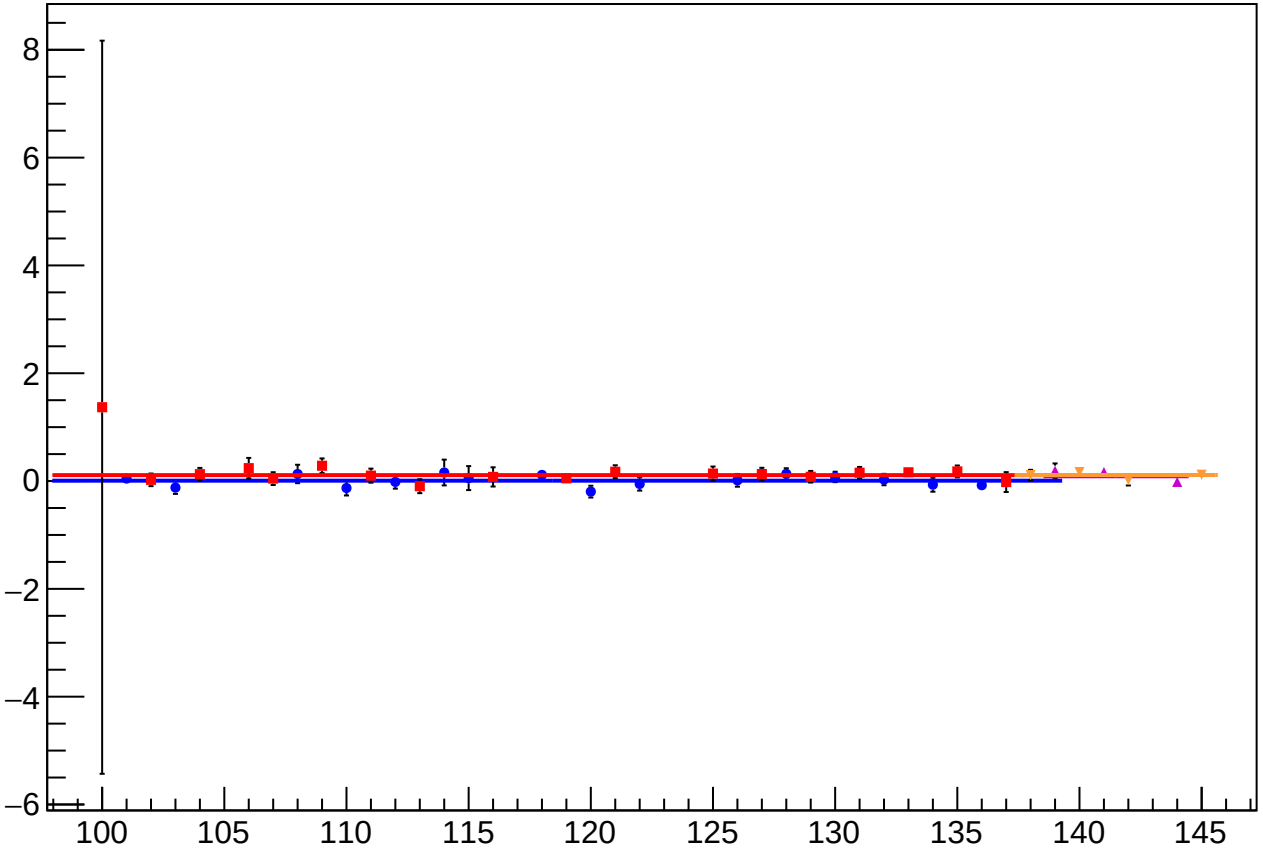
Left In: 0.002+/-0.053 χ^2/NDF:0.2/2

+ sign 0.013+/-0.032 χ^2/NDF: 15.2/19

All: 0.016+/-0.023 χ^2/NDF: 24.8/40

- sign 0.018+/-0.034 χ^2/NDF: 9.6/20

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+/-0.045 χ^2/NDF:1.3/3

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

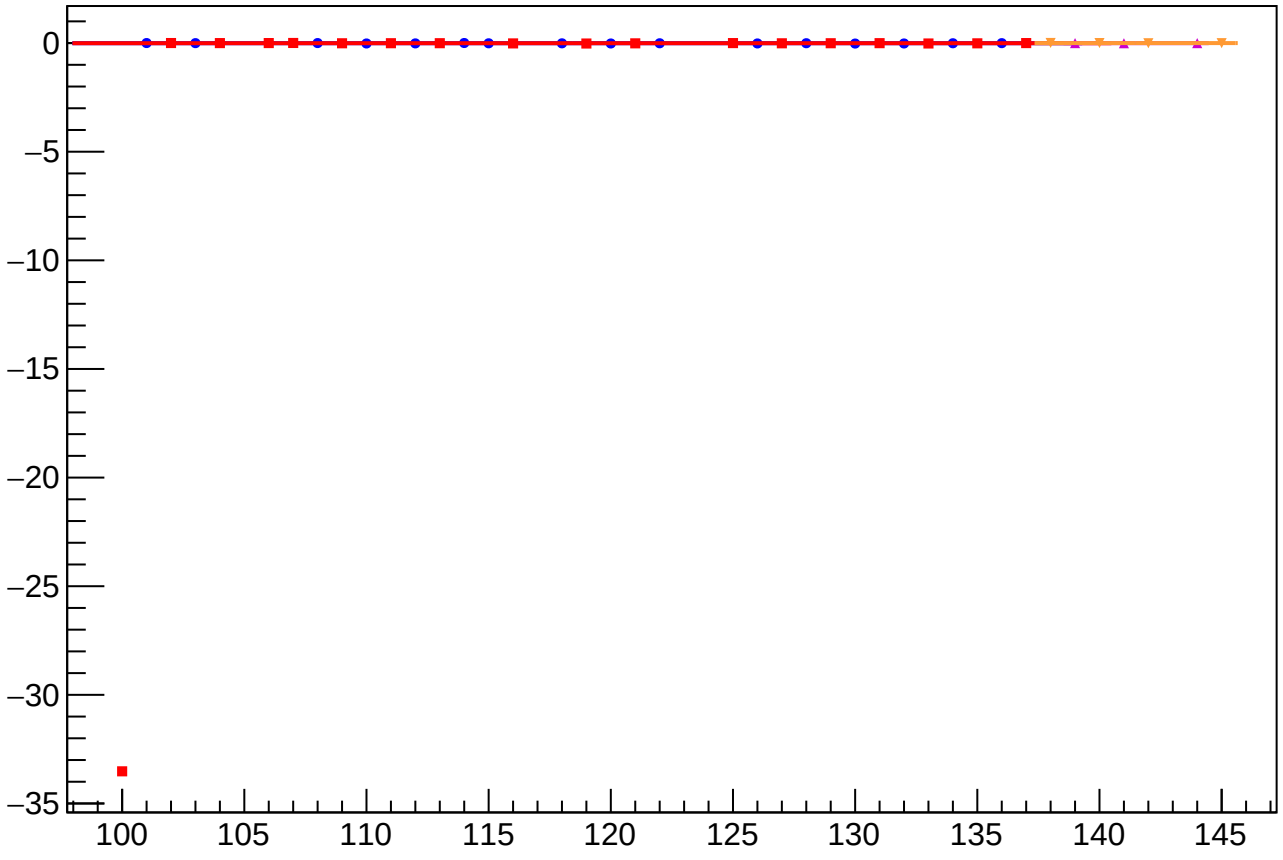
Left In: 0.088+/-0.050 χ^2/NDF:3.5/2

+ sign 0.034+/-0.023 χ^2/NDF: 17.4/19

All: 0.067+/-0.017 χ^2/NDF: 33.3/40

- sign 0.105+/-0.025 χ^2/NDF: 11.6/20

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: -0.000+/-0.002 χ^2/NDF:5.7/3

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

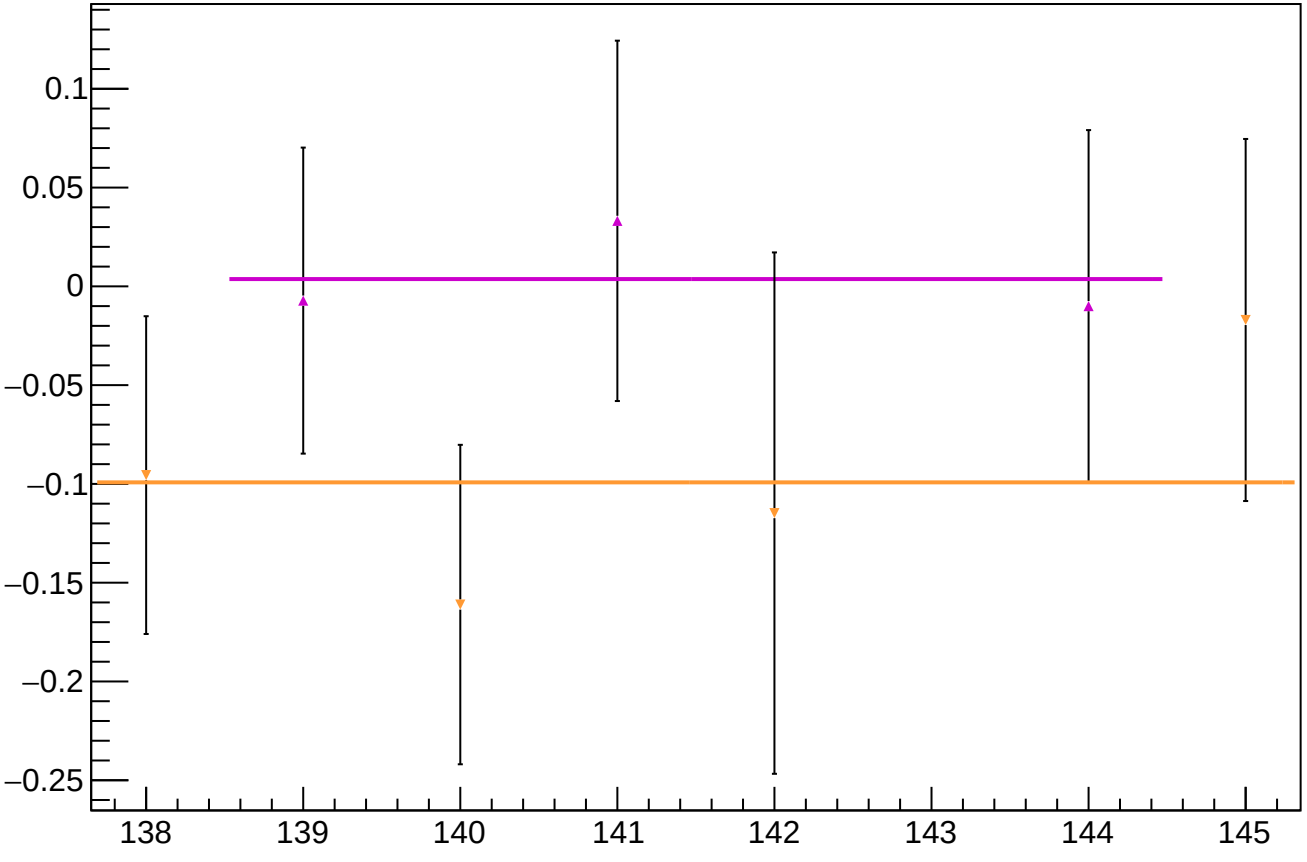
Left In: -0.003+/-0.002 χ^2/NDF:1.7/2

+ sign -0.004+/-0.001 χ^2/NDF: 32.8/19

All: -0.004+/-0.001 χ^2/NDF: 26545.4/40

- sign -0.005+/-0.001 χ^2/NDF: 26511.9/20

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.099+/-0.045 χ^2/NDF:1.4/3

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

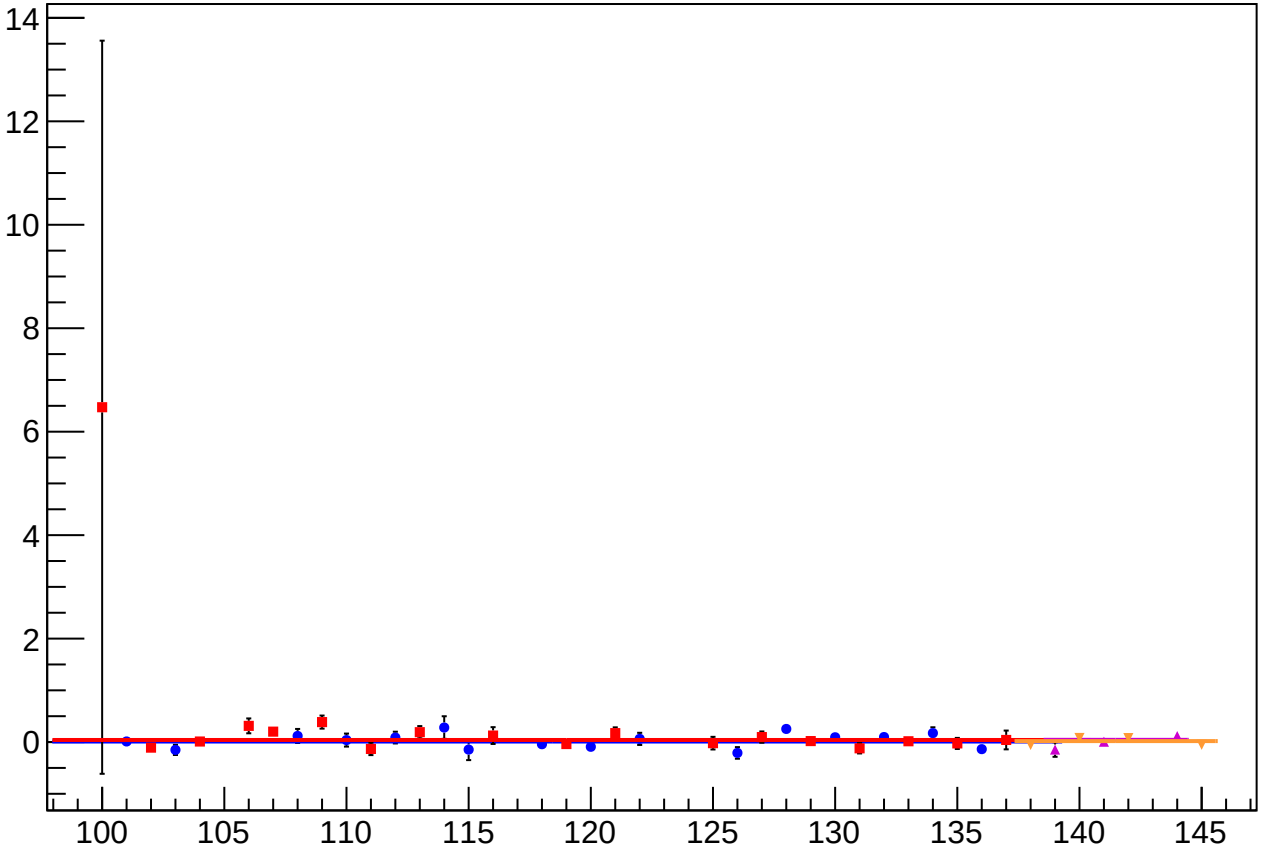
Left In: 0.004+/-0.049 χ^2/NDF:0.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.052+/-0.033 χ^2/NDF: 3.9/6

- 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: 0.019+/-0.039 χ^2/NDF:2.9/3

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

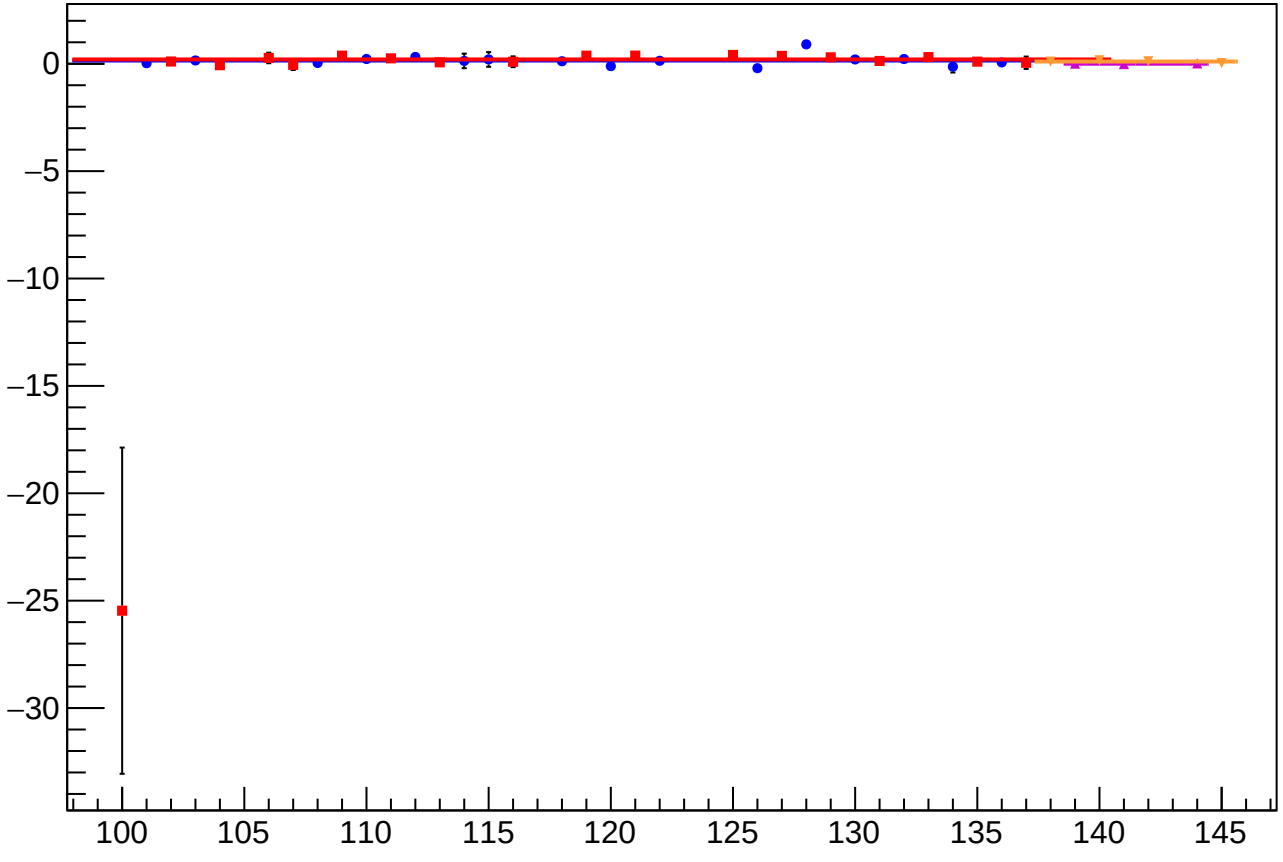
Left In: 0.043+/-0.043 χ^2/NDF:3.4/2

+ sign 0.013+/-0.020 χ^2/NDF: 28.4/19

All: 0.026+/-0.015 χ^2/NDF: 60.6/40

- sign 0.041+/-0.022 χ^2/NDF: 31.3/20

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.104+/-0.049 χ^2/NDF:1.0/3

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

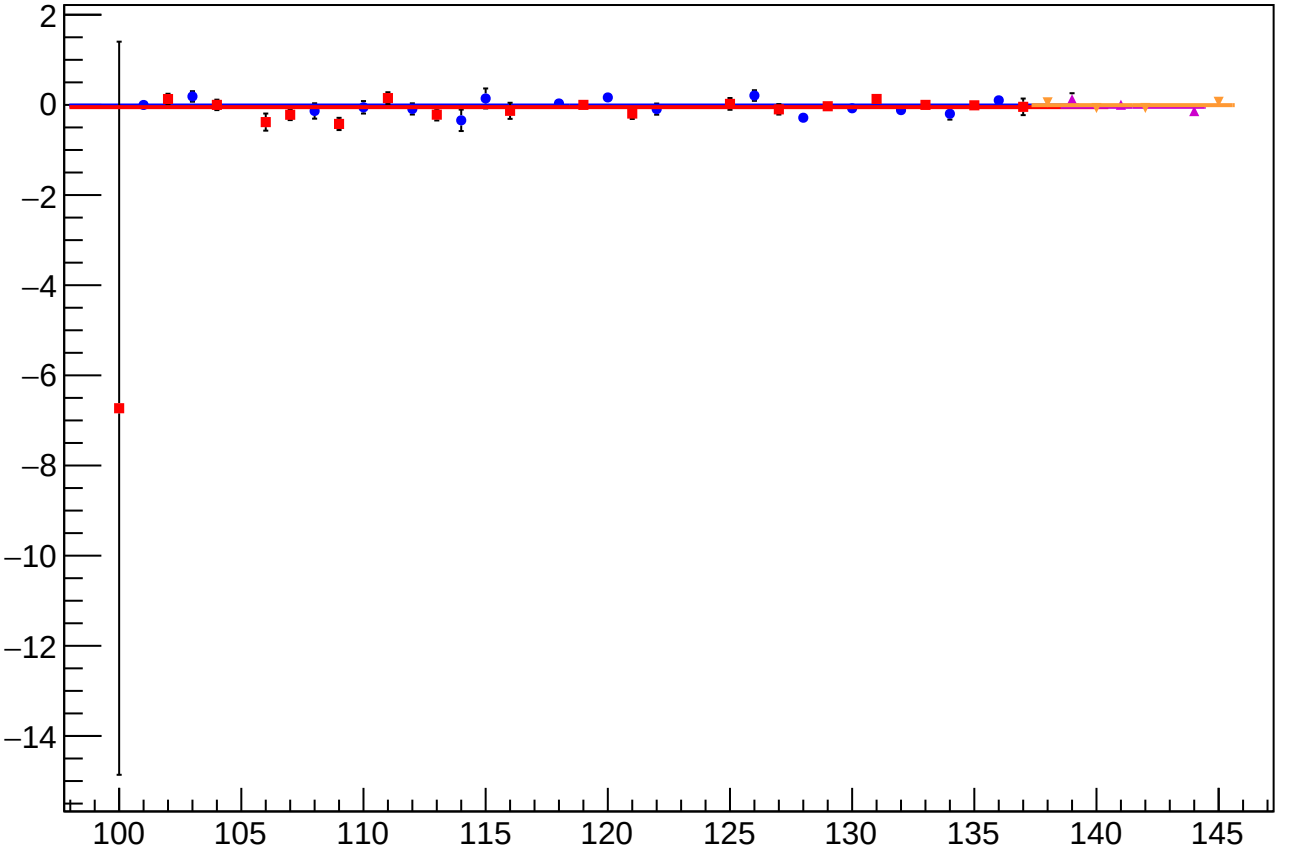
Left In: 0.003+/-0.053 χ^2/NDF:0.1/2

+ sign 0.131+/-0.032 χ^2/NDF: 30.3/19

All: 0.125+/-0.023 χ^2/NDF: 61.4/40

- sign 0.117+/-0.034 χ^2/NDF: 31.0/20

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: -0.006+/-0.045 χ^2/NDF:2.1/3

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

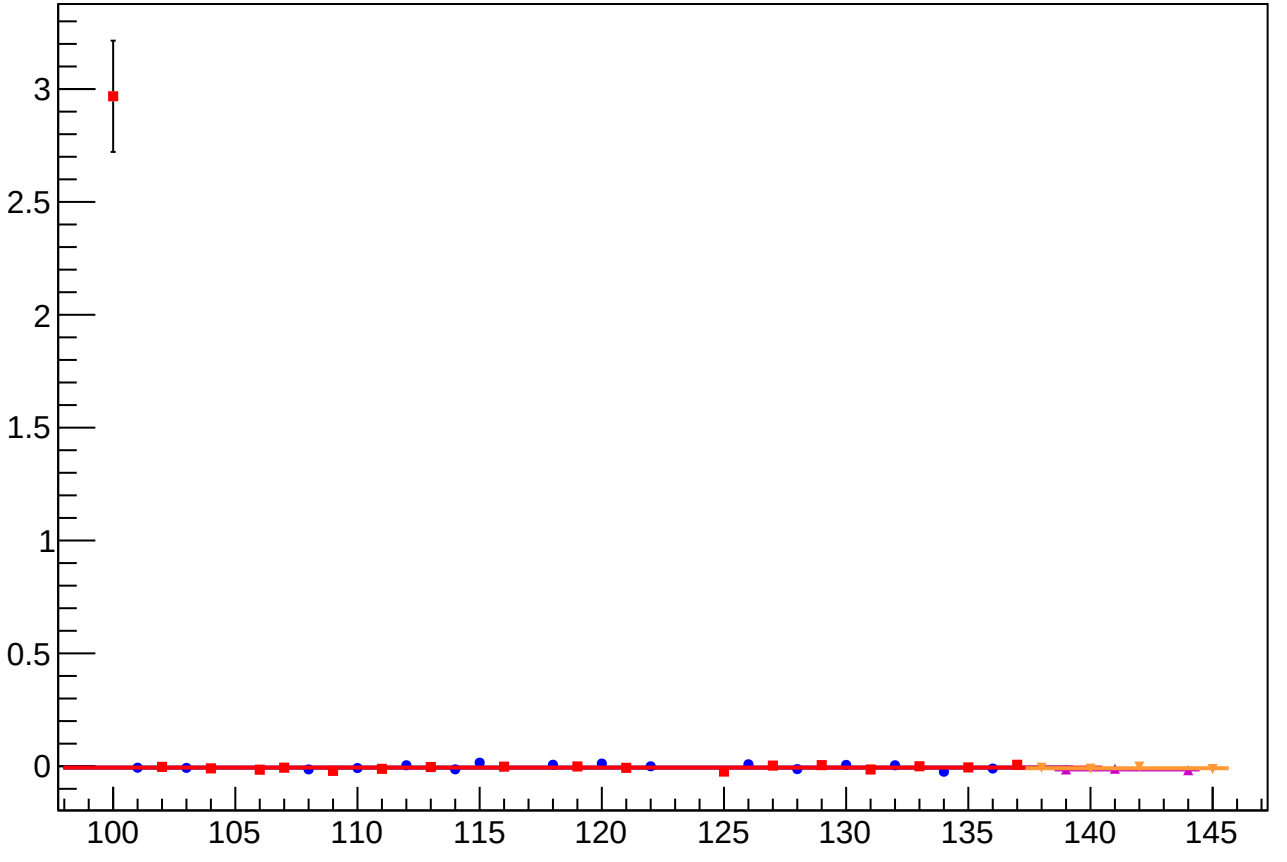
Left In: -0.043+/-0.050 χ^2/NDF:3.5/2

+ sign -0.011+/-0.023 χ^2/NDF: 27.3/19

All: -0.028+/-0.017 χ^2/NDF: 57.7/40

- sign -0.048+/-0.025 χ^2/NDF: 29.2/20

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.009+/-0.002 χ^2/NDF:3.3/3

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

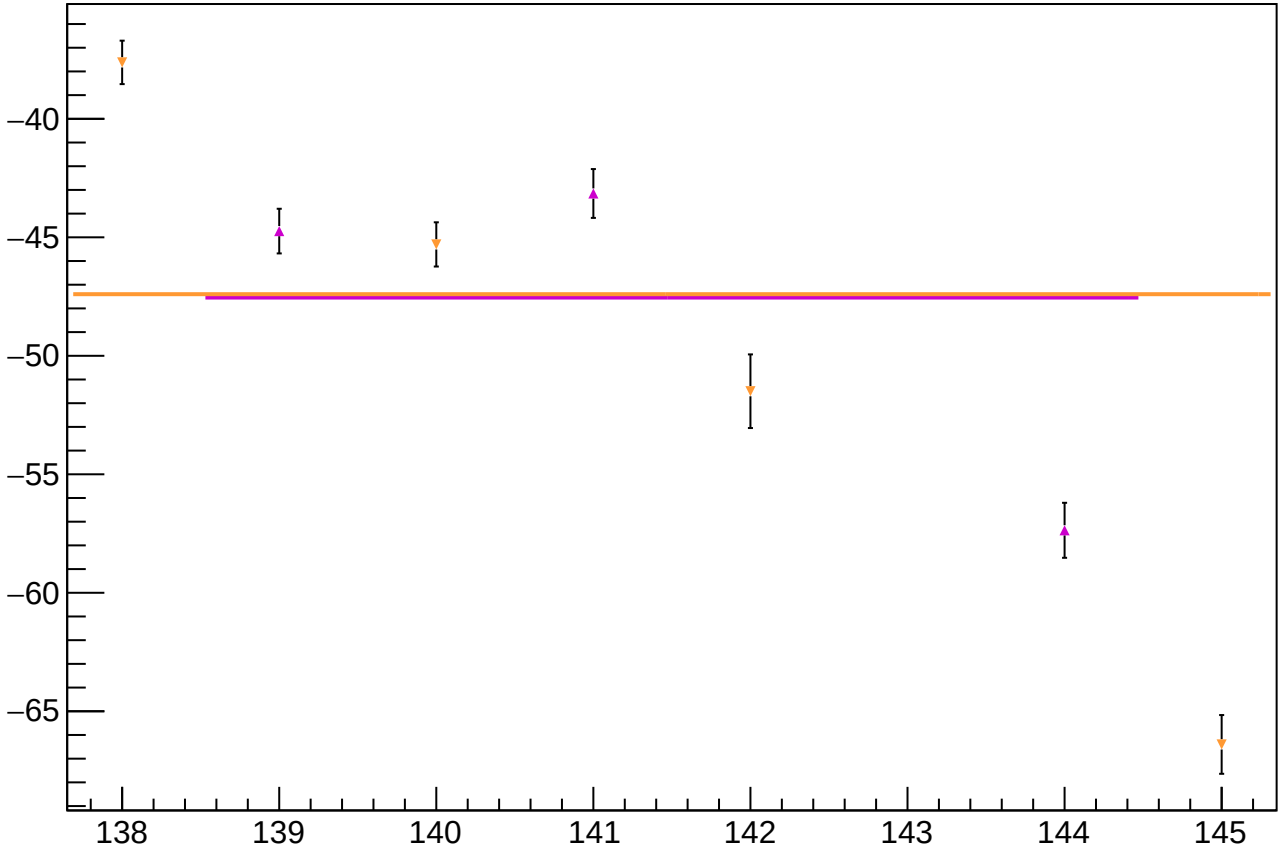
Left In: -0.014+/-0.002 χ^2/NDF:1.4/2

+ sign -0.007+/-0.001 χ^2/NDF: 33.7/19

All: -0.008+/-0.001 χ^2/NDF: 212.5/40

- sign -0.009+/-0.001 χ^2/NDF: 177.8/20

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -47.400+/-0.542 χ^2/NDF:360.9/3

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

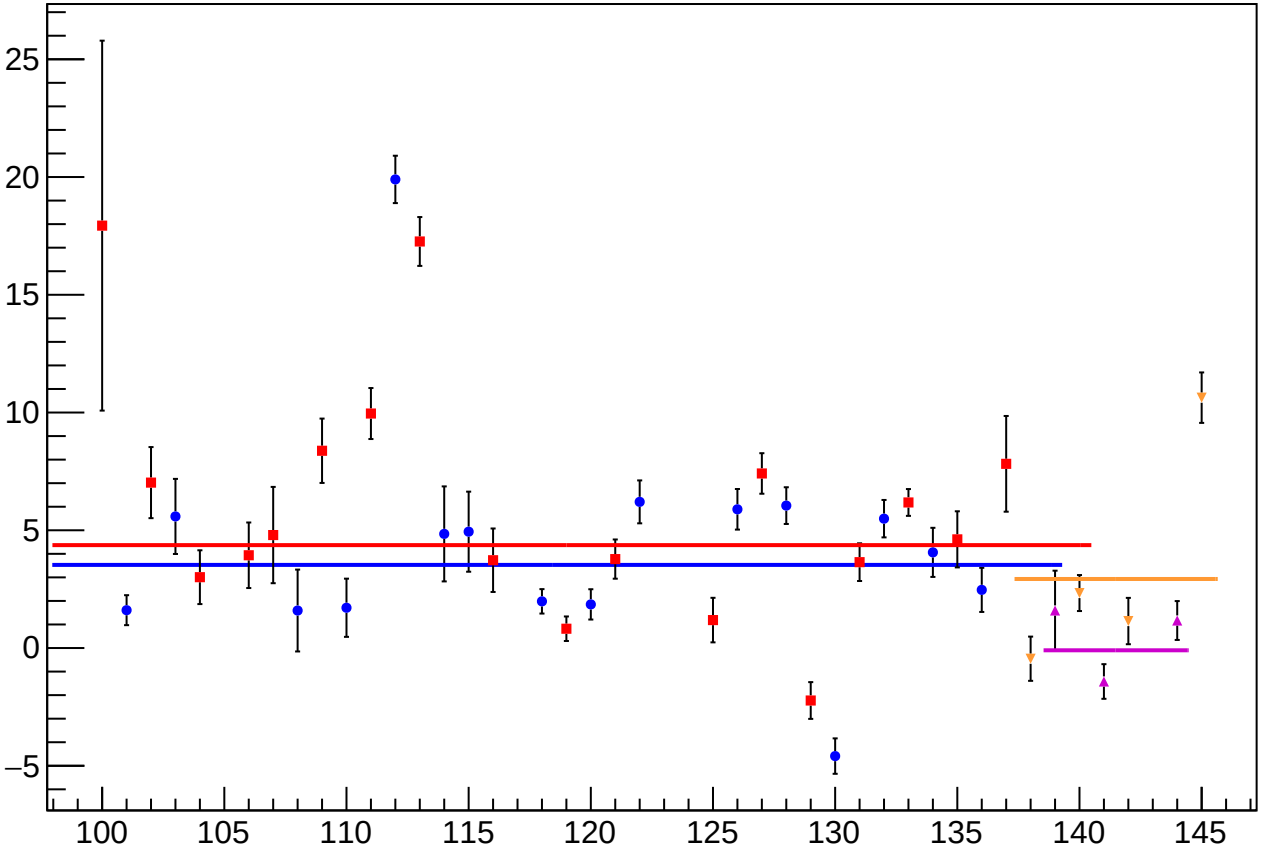
Left In: -47.542+/-0.596 χ^2/NDF:98.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -47.464+/-0.401 χ^2/NDF: 459.6/6

- 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: 2.932+/-0.459 χ^2/NDF:68.5/3

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

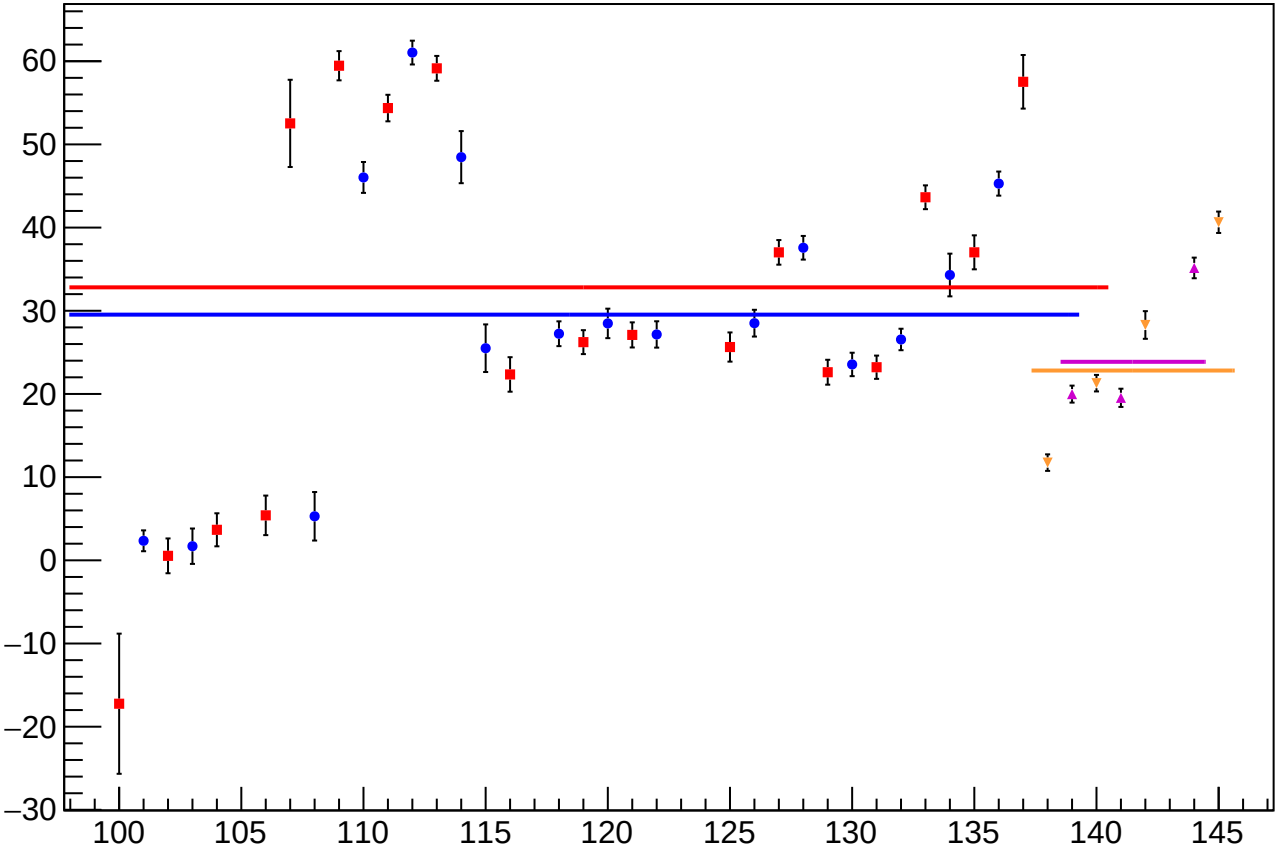
Left In: -0.096+/-0.522 χ^2/NDF:6.6/2

+ sign 3.420+/-0.196 χ^2/NDF: 516.5/19

All: 3.538+/-0.142 χ^2/NDF: 939.3/40

- sign 3.668+/-0.207 χ^2/NDF: 422.1/20

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 22.816+/-0.578 χ^2/NDF:329.3/3

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

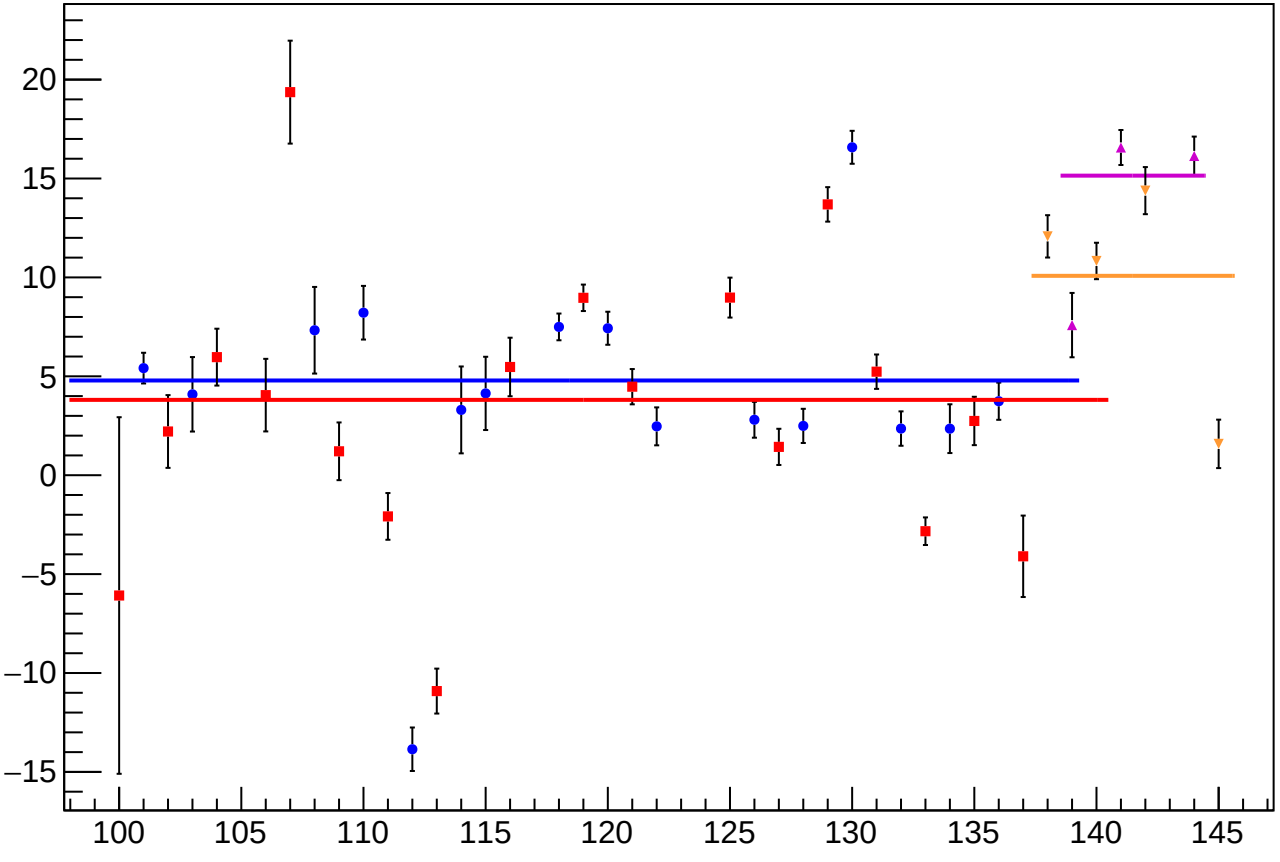
Left In: 23.864+/-0.640 χ^2/NDF:112.8/2

+ sign 27.237+/-0.338 χ^2/NDF: 1913.0/19

All: 28.605+/-0.244 χ^2/NDF: 3855.6/40

- sign 30.095+/-0.353 χ^2/NDF: 1908.3/20

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 10.080+/-0.540 χ^2/NDF:65.3/3

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

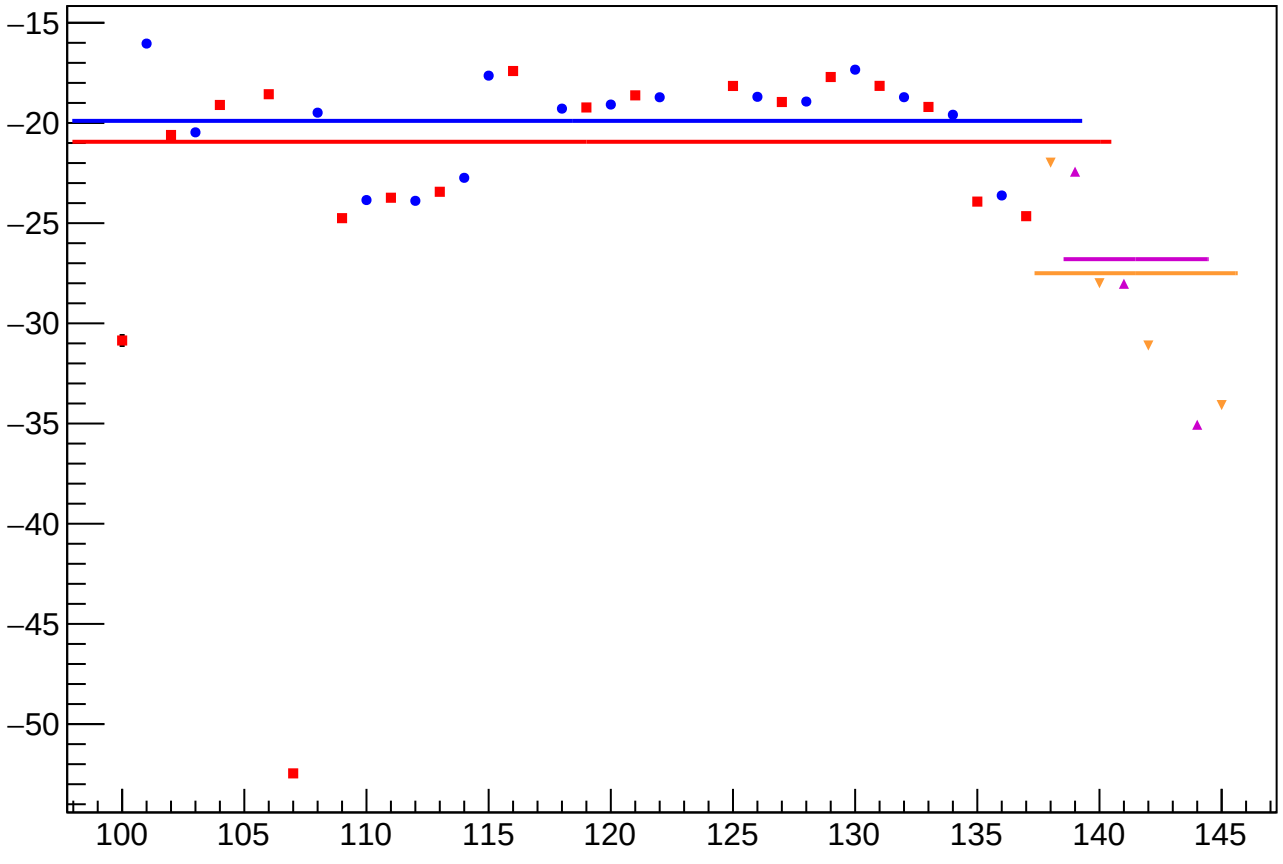
Left In: 15.145+/-0.609 χ^2/NDF:25.2/2

+ sign 5.729+/-0.228 χ^2/NDF: 698.1/19

All: 5.641+/-0.165 χ^2/NDF: 1584.9/40

- sign 5.545+/-0.238 χ^2/NDF: 886.5/20

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -27.498+/-0.024 χ^2/NDF:39661.6/3

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

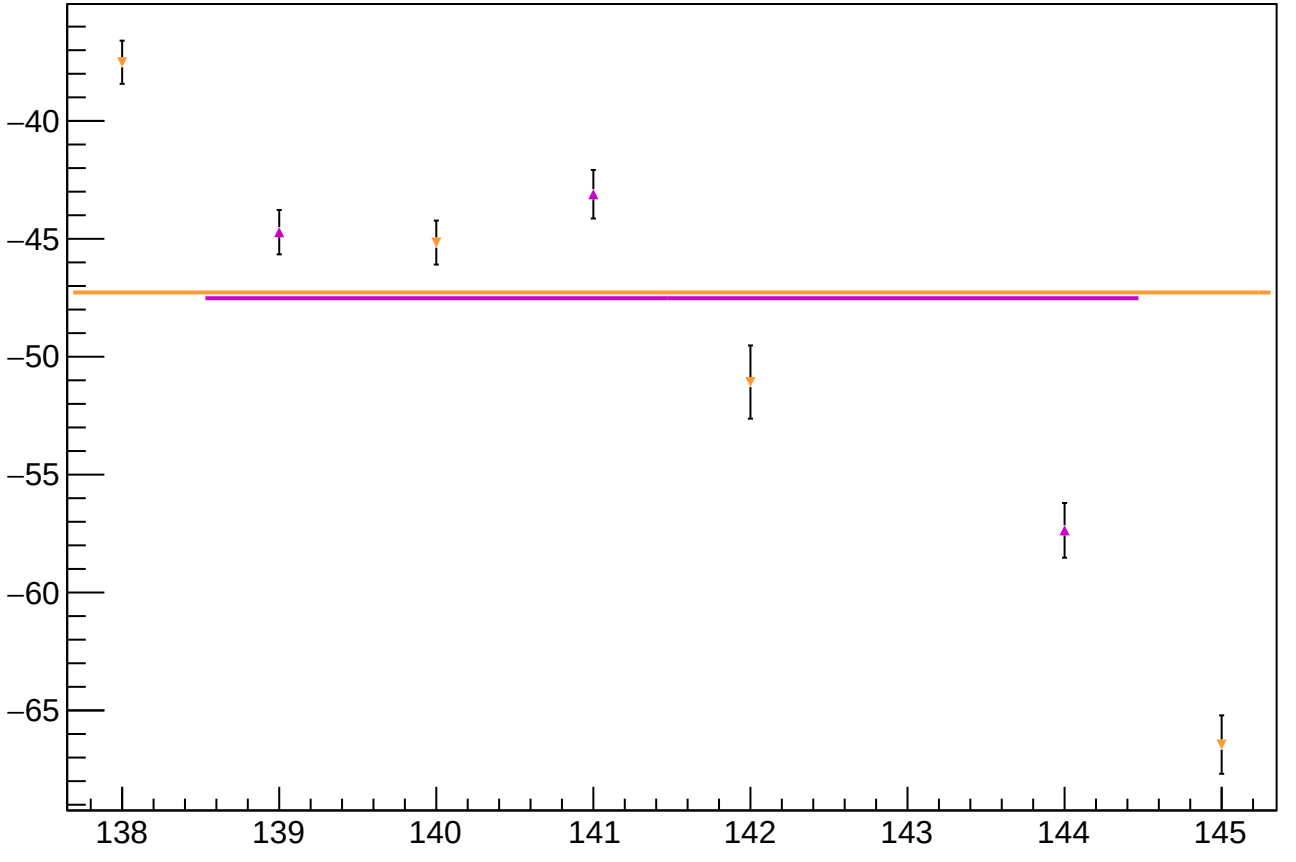
Left In: -26.797+/-0.025 χ^2/NDF:38710.5/2

+ sign -22.201+/-0.013 χ^2/NDF: 138060.2/19

All: -22.405+/-0.009 χ^2/NDF: 311207.3/40

- sign -22.618+/-0.013 χ^2/NDF: 172642.8/20

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -47.275+/-0.542 χ^2/NDF:364.3/3

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

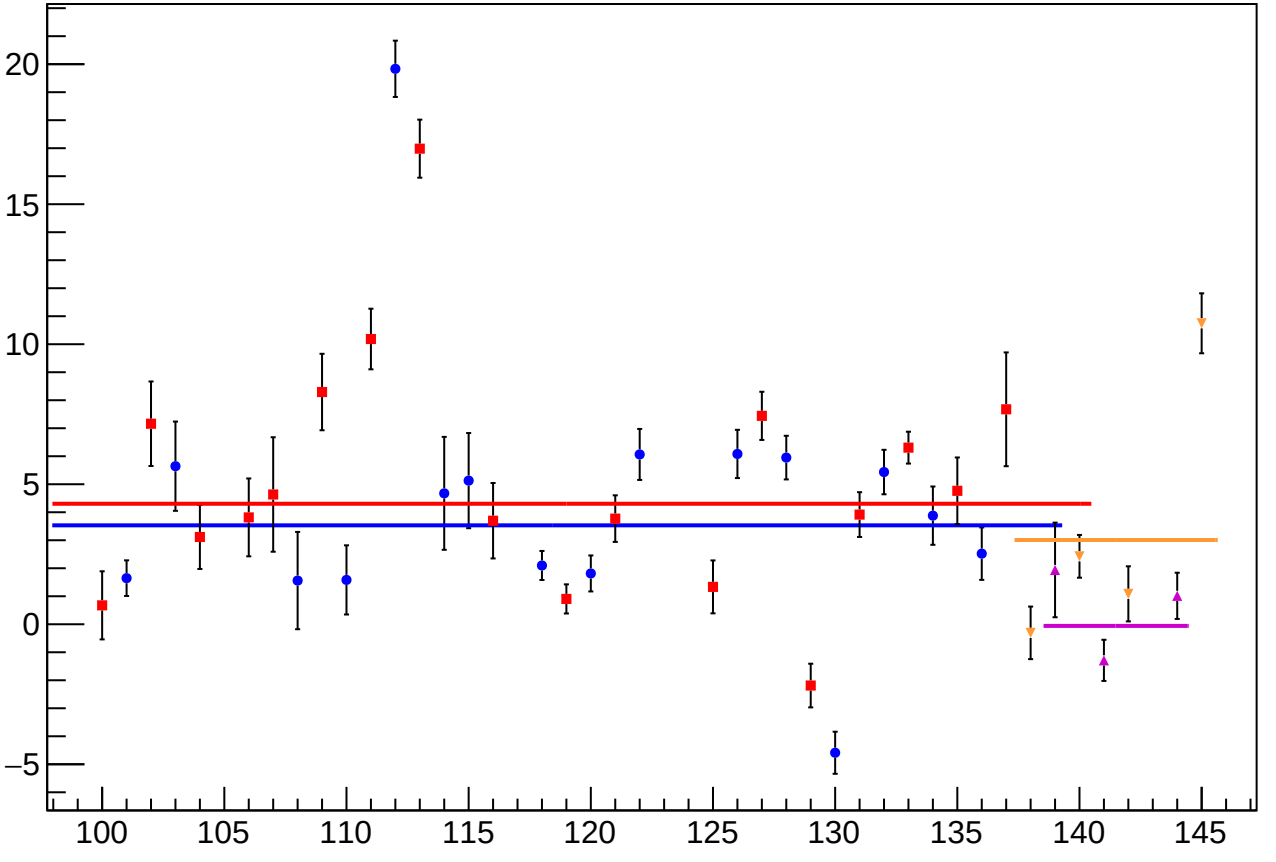
Left In: -47.519+/-0.596 χ^2/NDF:99.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -47.385+/-0.401 χ^2/NDF: 463.7/6

- 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: 3.009+/-0.459 χ^2/NDF:69.1/3

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

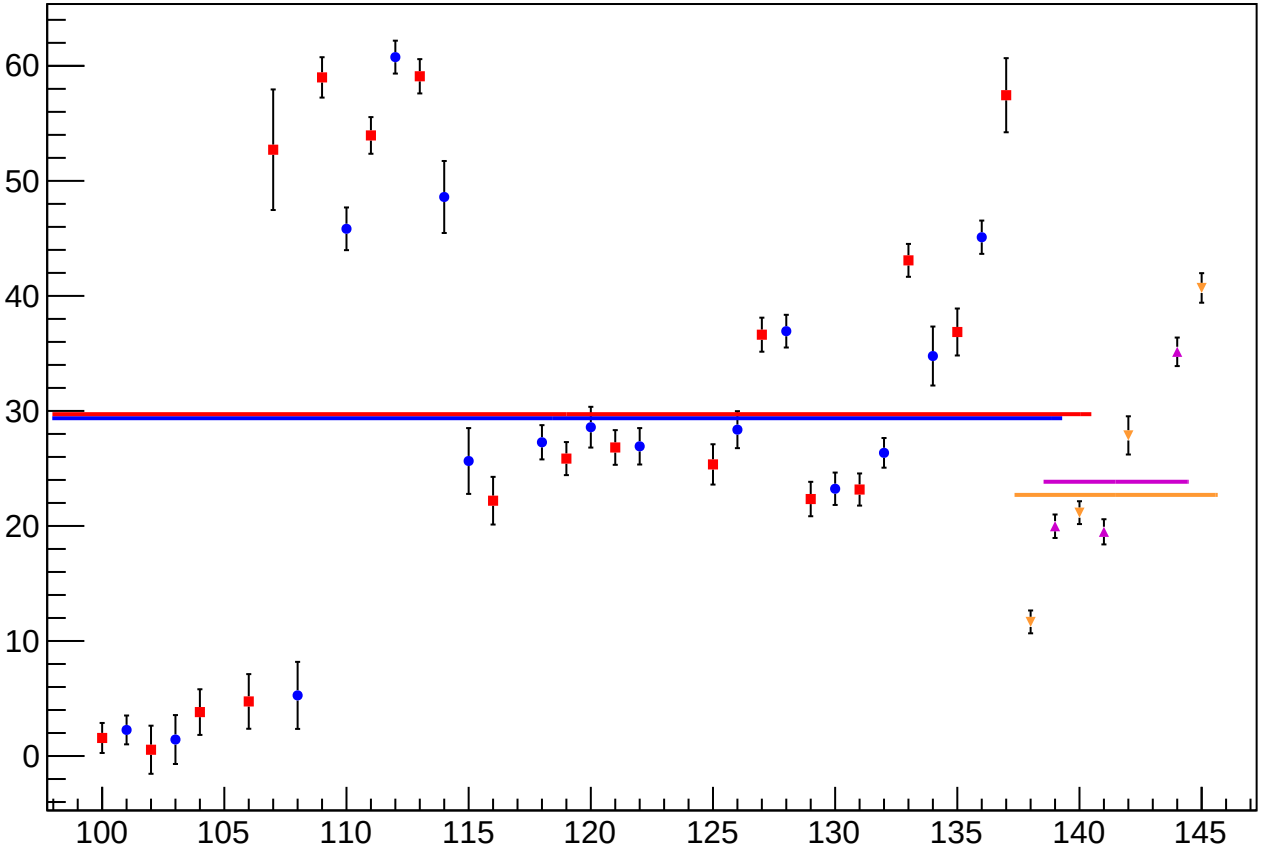
Left In: -0.059+/-0.522 χ^2/NDF:5.9/2

+ sign 3.437+/-0.196 χ^2/NDF: 513.4/19

All: 3.533+/-0.141 χ^2/NDF: 931.8/40

- sign 3.637+/-0.204 χ^2/NDF: 417.9/20

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 22.700+/-0.578 χ^2/NDF:331.6/3

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

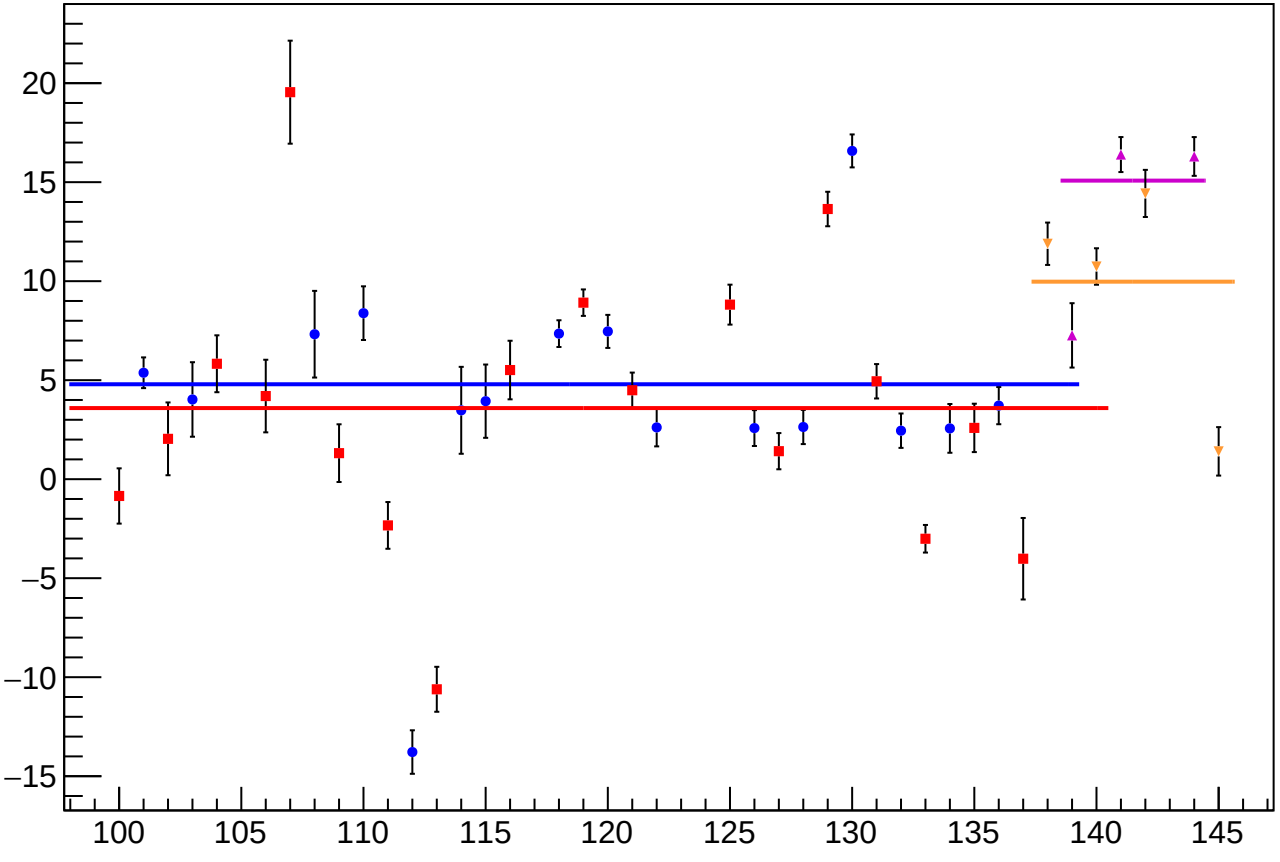
Left In: 23.843+/-0.640 χ^2/NDF:113.1/2

+ sign 27.087+/-0.338 χ^2/NDF: 1908.0/19

All: 27.566+/-0.240 χ^2/NDF: 4215.1/40

- sign 28.052+/-0.341 χ^2/NDF: 2303.1/20

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 9.975+/-0.540 χ^2/NDF:67.0/3

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

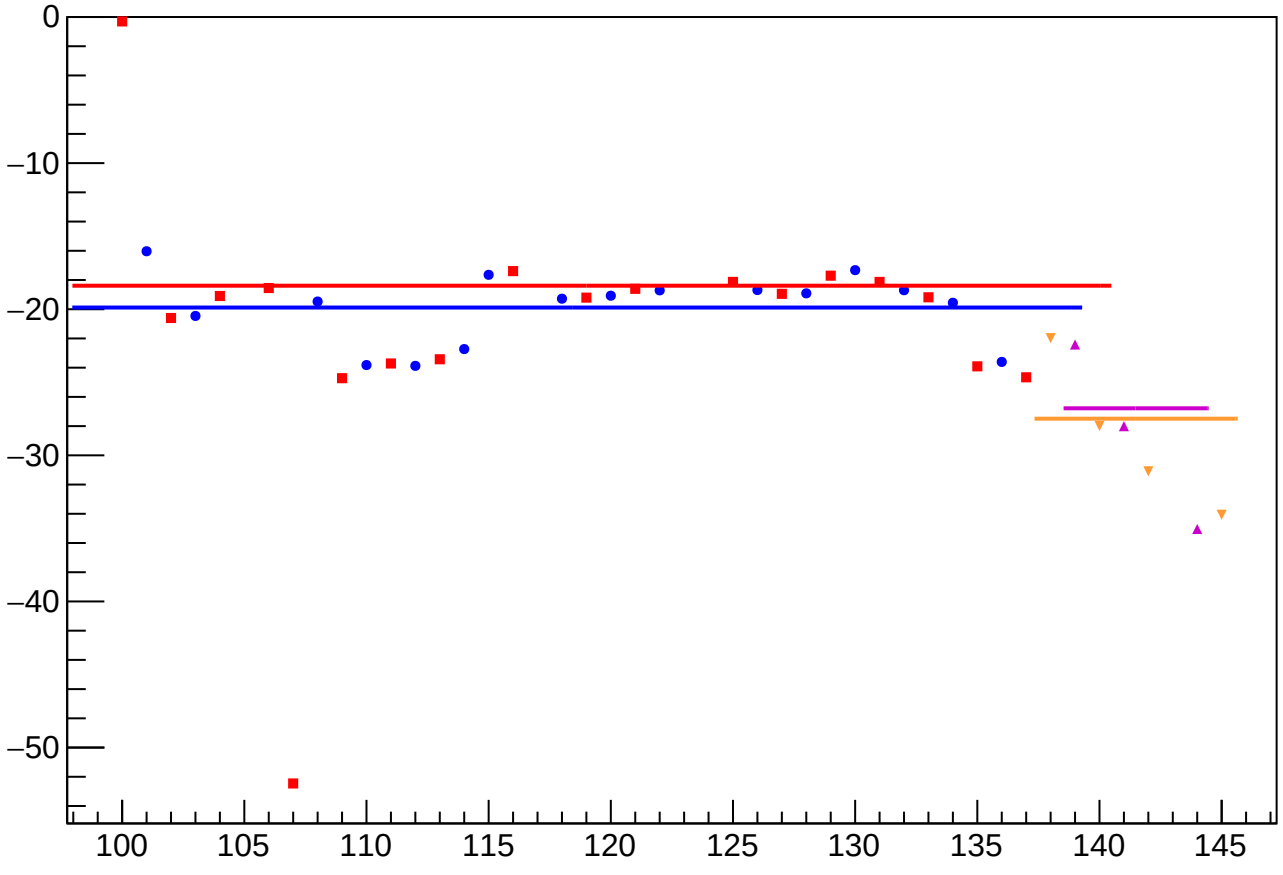
Left In: 15.078+/-0.608 χ^2/NDF:26.9/2

+ sign 5.714+/-0.228 χ^2/NDF: 692.6/19

All: 5.514+/-0.163 χ^2/NDF: 1597.9/40

- sign 5.302+/-0.235 χ^2/NDF: 903.7/20

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -27.491+/-0.024 χ^2/NDF:39621.4/3

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

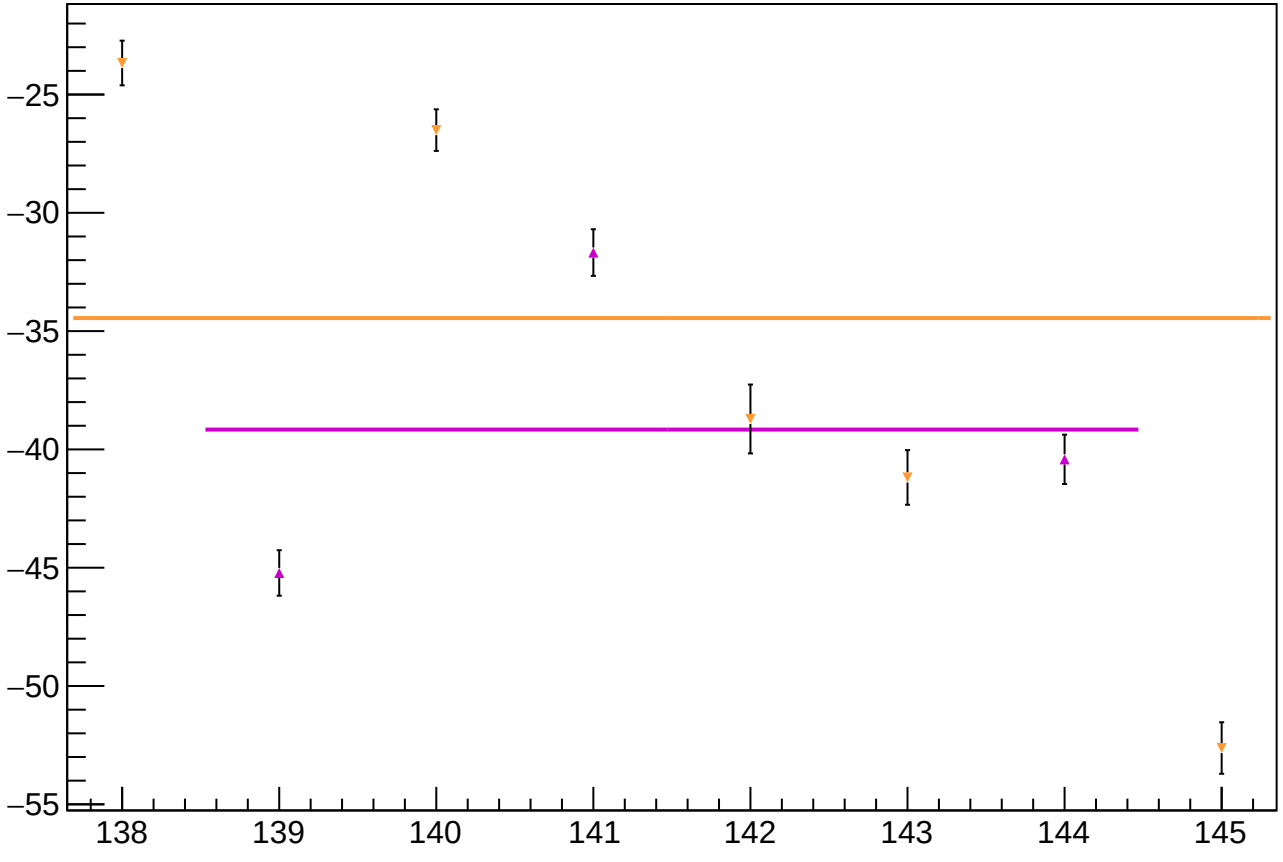
Left In: -26.780+/-0.025 χ^2/NDF:38717.6/2

+ sign -22.190+/-0.013 χ^2/NDF: 138182.5/19

All: -21.367+/-0.009 χ^2/NDF: 570736.3/40

- sign -20.584+/-0.013 χ^2/NDF: 424717.3/20

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.448+/-0.472 χ^2/NDF:533.1/4

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

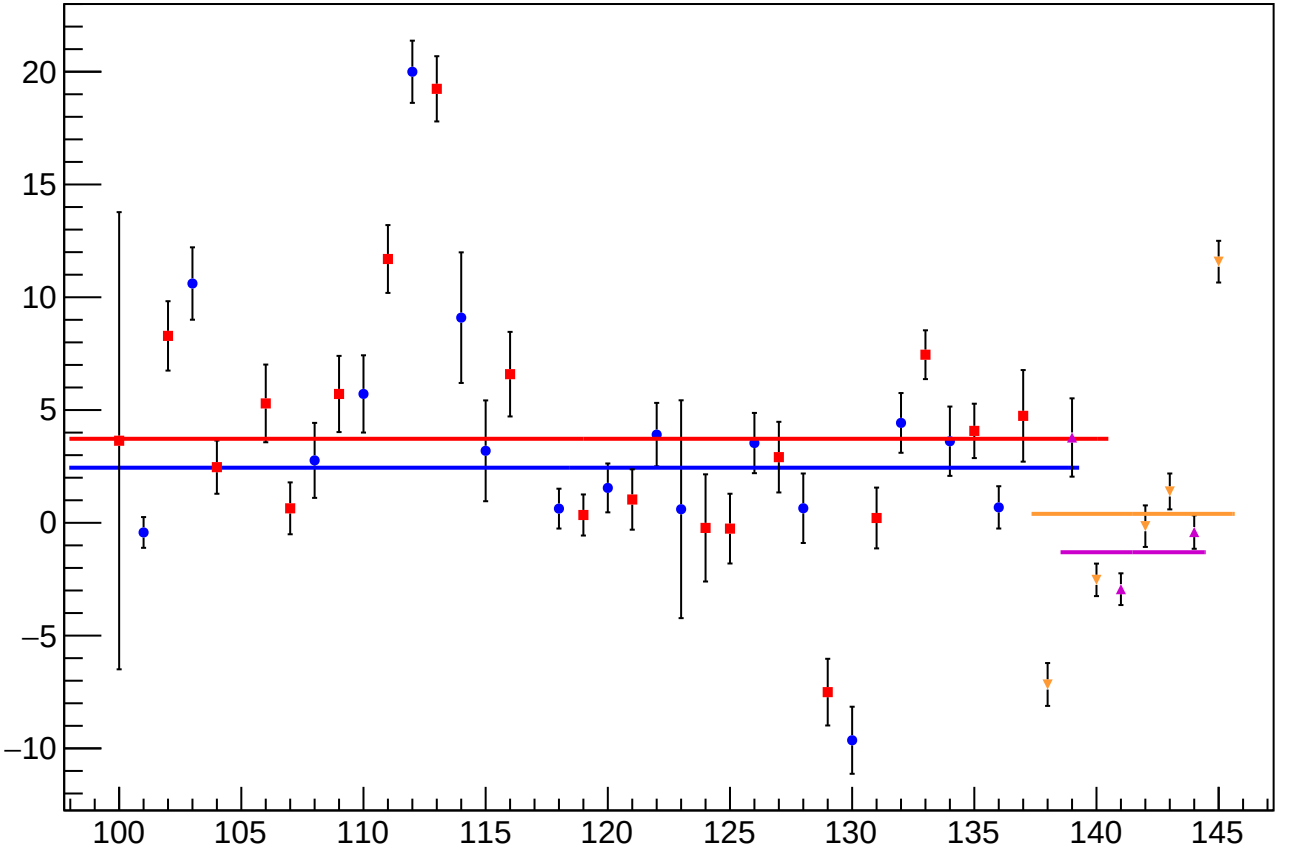
Left In: -39.161+/-0.574 χ^2/NDF:98.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.350+/-0.365 χ^2/NDF: 672.1/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: 0.398+/-0.379 χ^2/NDF:228.1/4

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

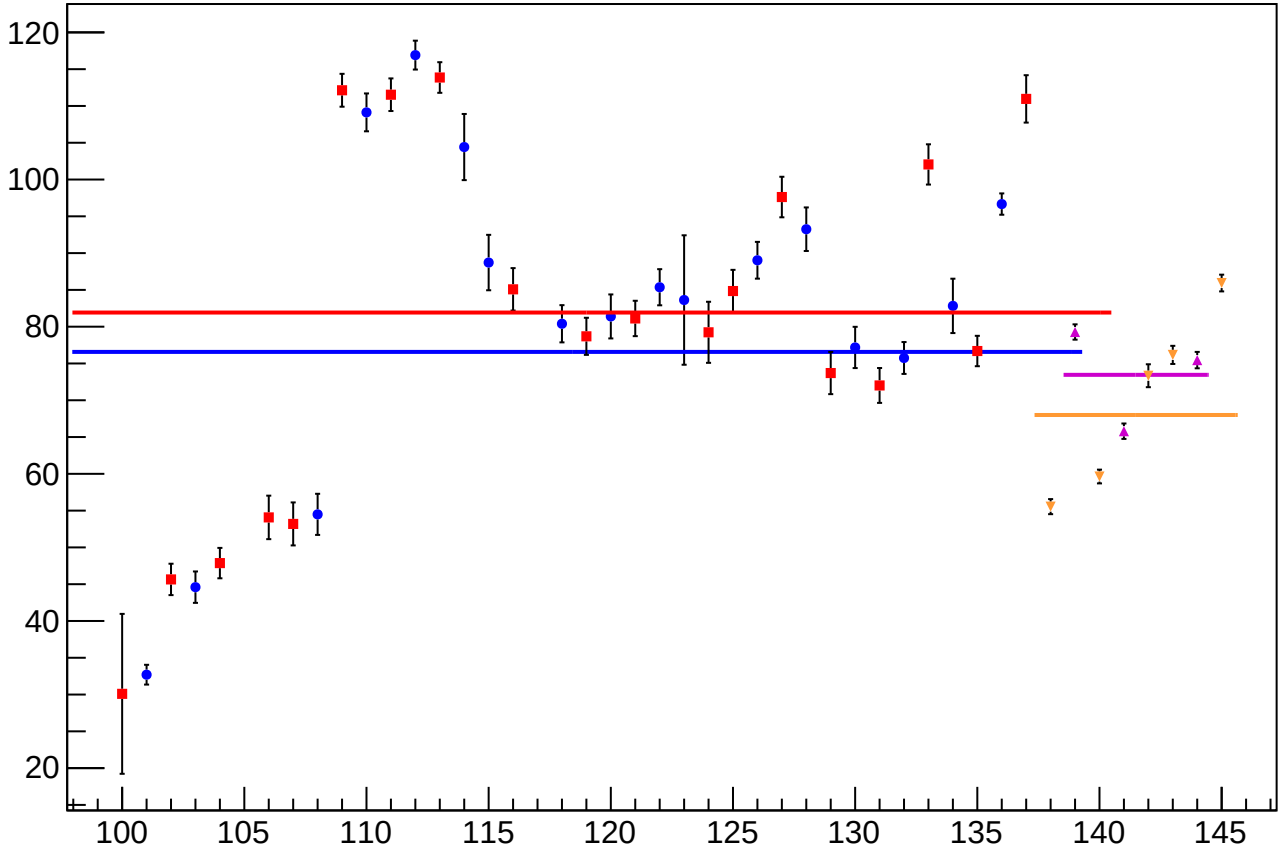
Left In: -1.304+/-0.490 χ^2/NDF:15.5/2

+ sign 1.620+/-0.240 χ^2/NDF: 540.8/21

All: 1.864+/-0.180 χ^2/NDF: 900.7/43

- sign 2.176+/-0.272 χ^2/NDF: 357.5/21

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 67.998+/-0.504 χ^2/NDF:532.3/4

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

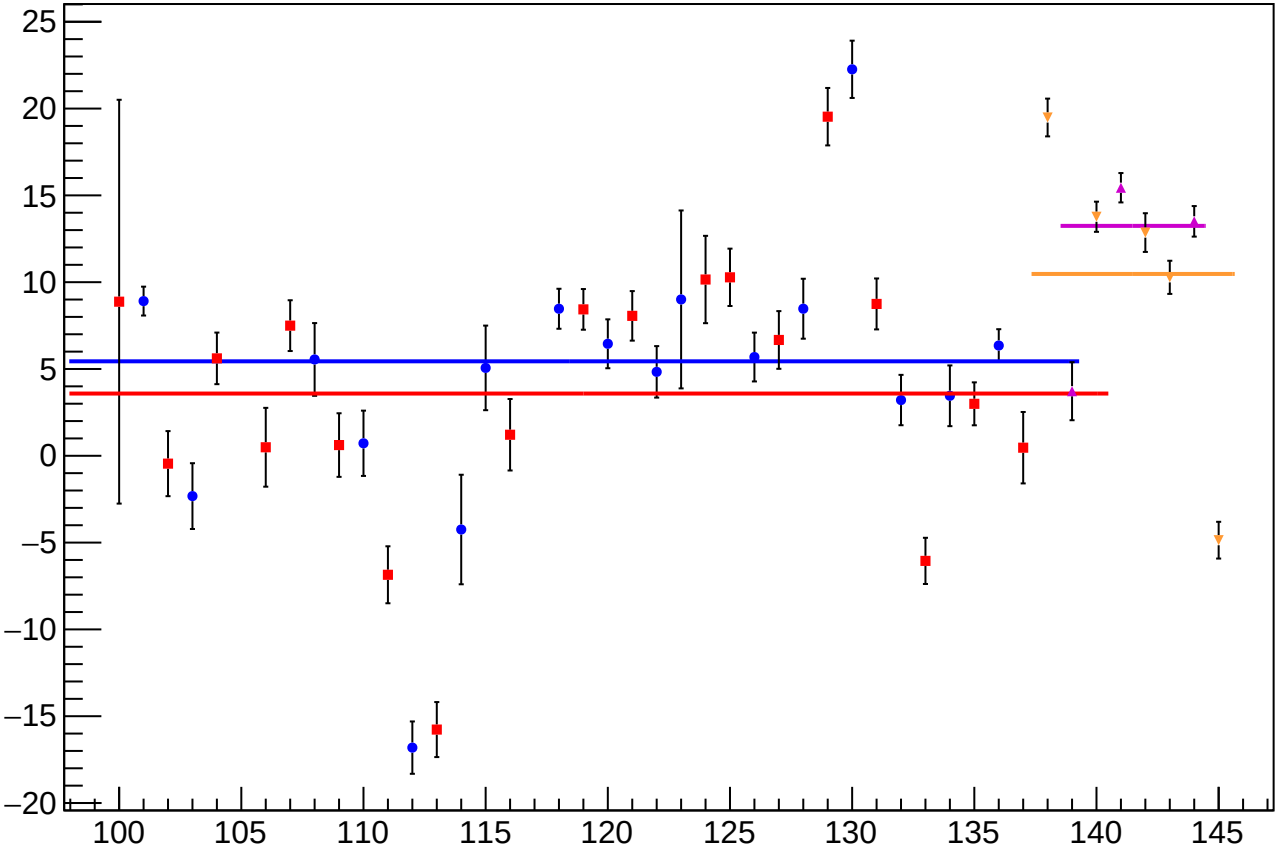
Left In: 73.454+/-0.616 χ^2/NDF:88.0/2

+ sign 71.733+/-0.378 χ^2/NDF: 2912.1/21

All: 74.428+/-0.283 χ^2/NDF: 4784.3/43

- sign 77.855+/-0.427 χ^2/NDF: 1756.9/21

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 10.474+/-0.449 χ^2/NDF:297.4/4

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

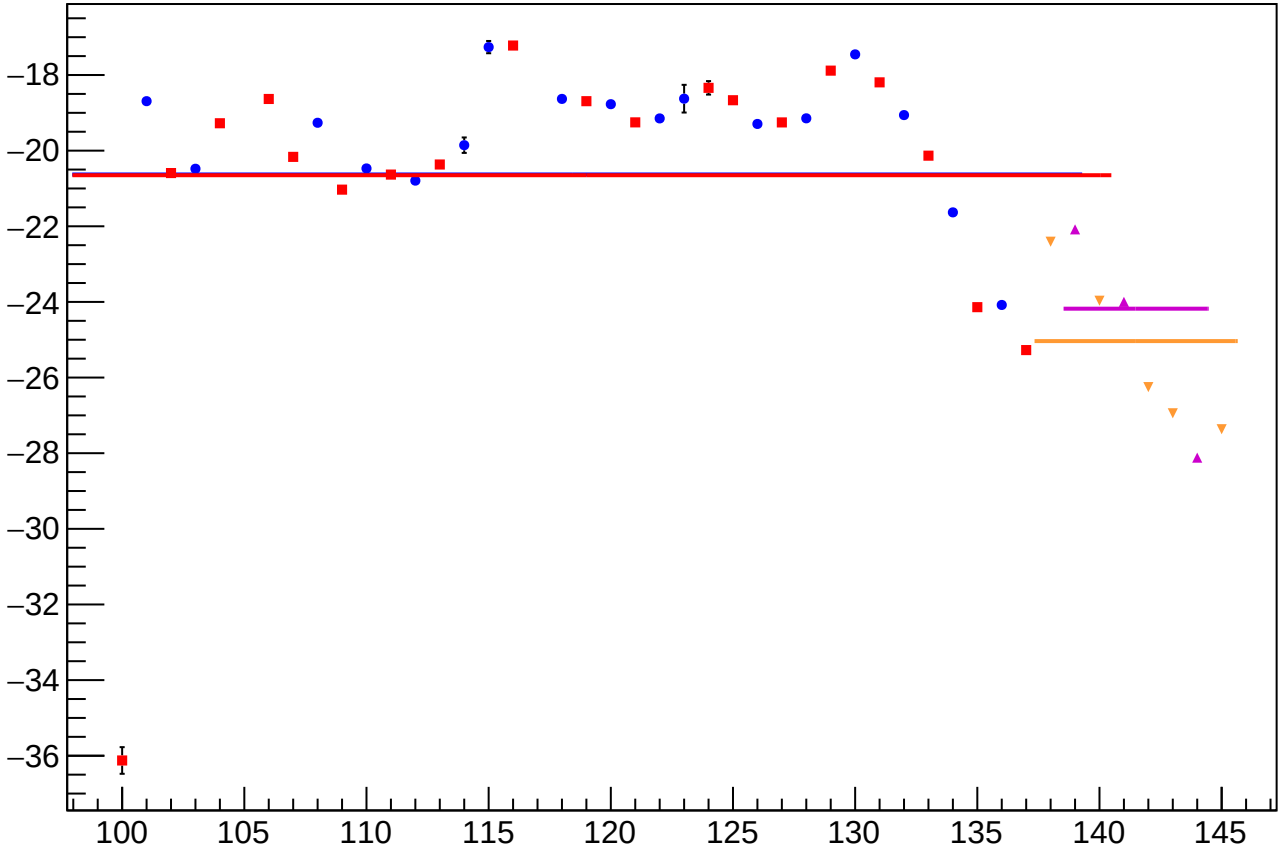
Left In: 13.243+/-0.573 χ^2/NDF:39.3/2

+ sign 7.394+/-0.280 χ^2/NDF: 761.8/21

All: 6.992+/-0.209 χ^2/NDF: 1427.9/43

- sign 6.485+/-0.314 χ^2/NDF: 661.4/21

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -25.036+/-0.021 χ^2/NDF:9459.5/4

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

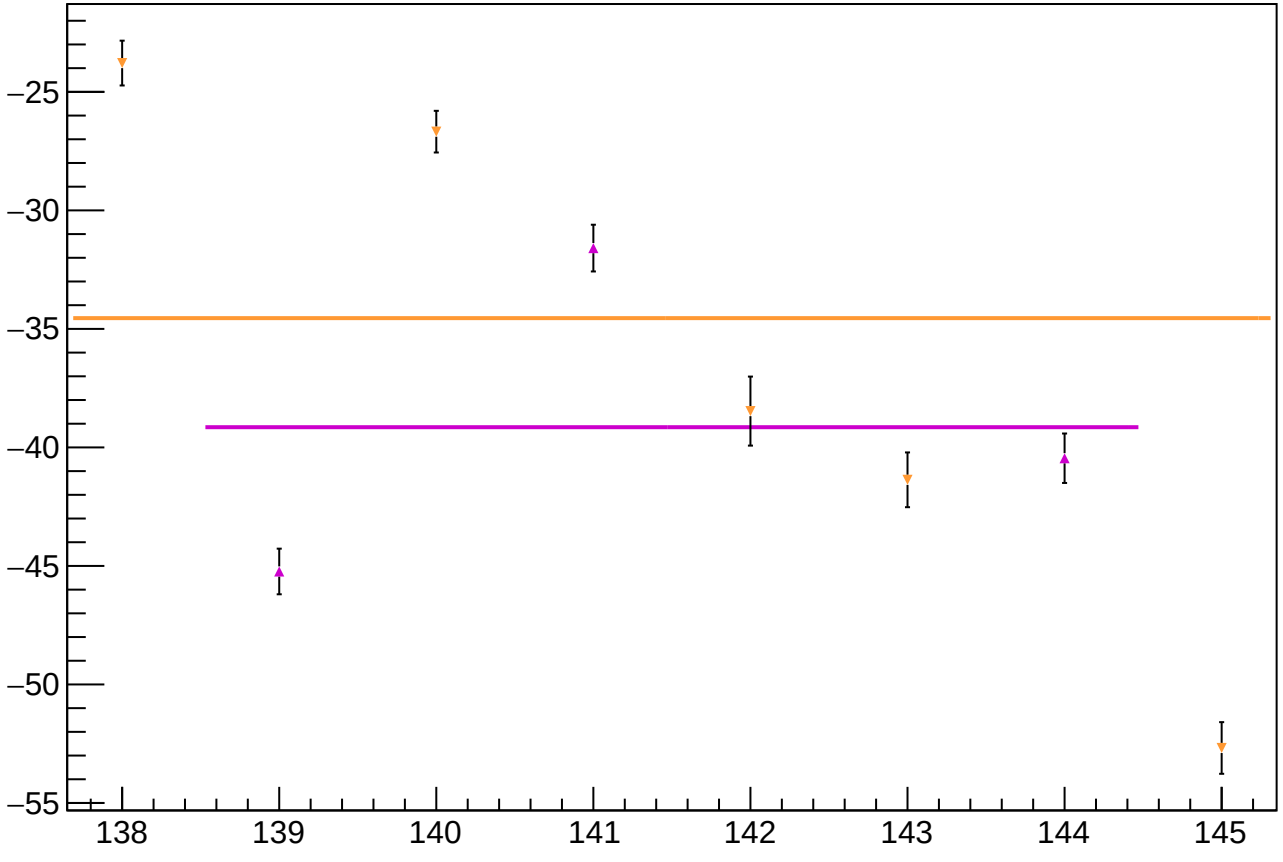
Left In: -24.179+/-0.024 χ^2/NDF:9801.3/2

+ sign -22.693+/-0.014 χ^2/NDF: 46402.4/21

All: -22.390+/-0.010 χ^2/NDF: 84078.5/43

- sign -22.038+/-0.015 χ^2/NDF: 36670.7/21

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.546+/-0.473 χ^2/NDF:528.8/4

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

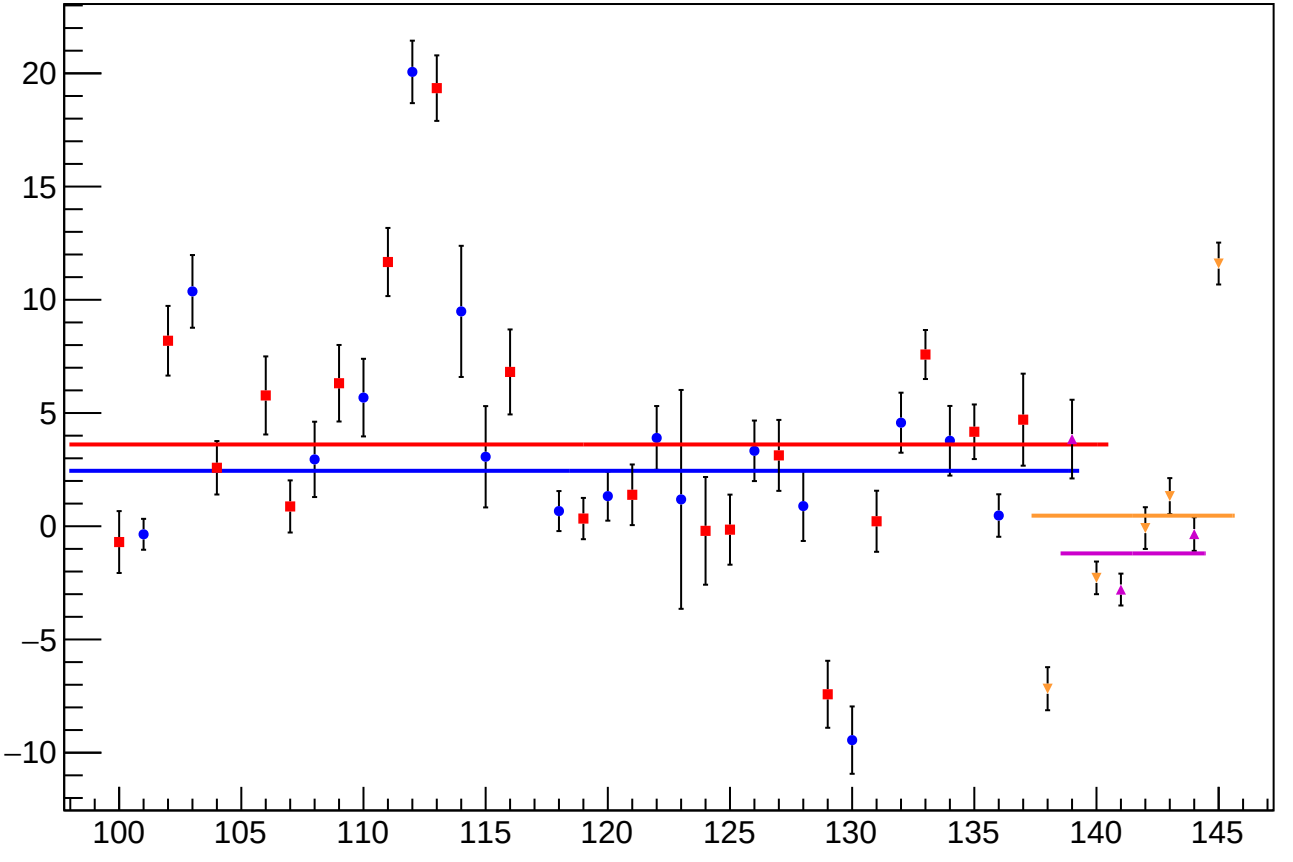
Left In: -39.147+/-0.575 χ^2/NDF:100.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.402+/-0.365 χ^2/NDF: 667.3/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: 0.467+/-0.379 χ^2/NDF:225.5/4

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

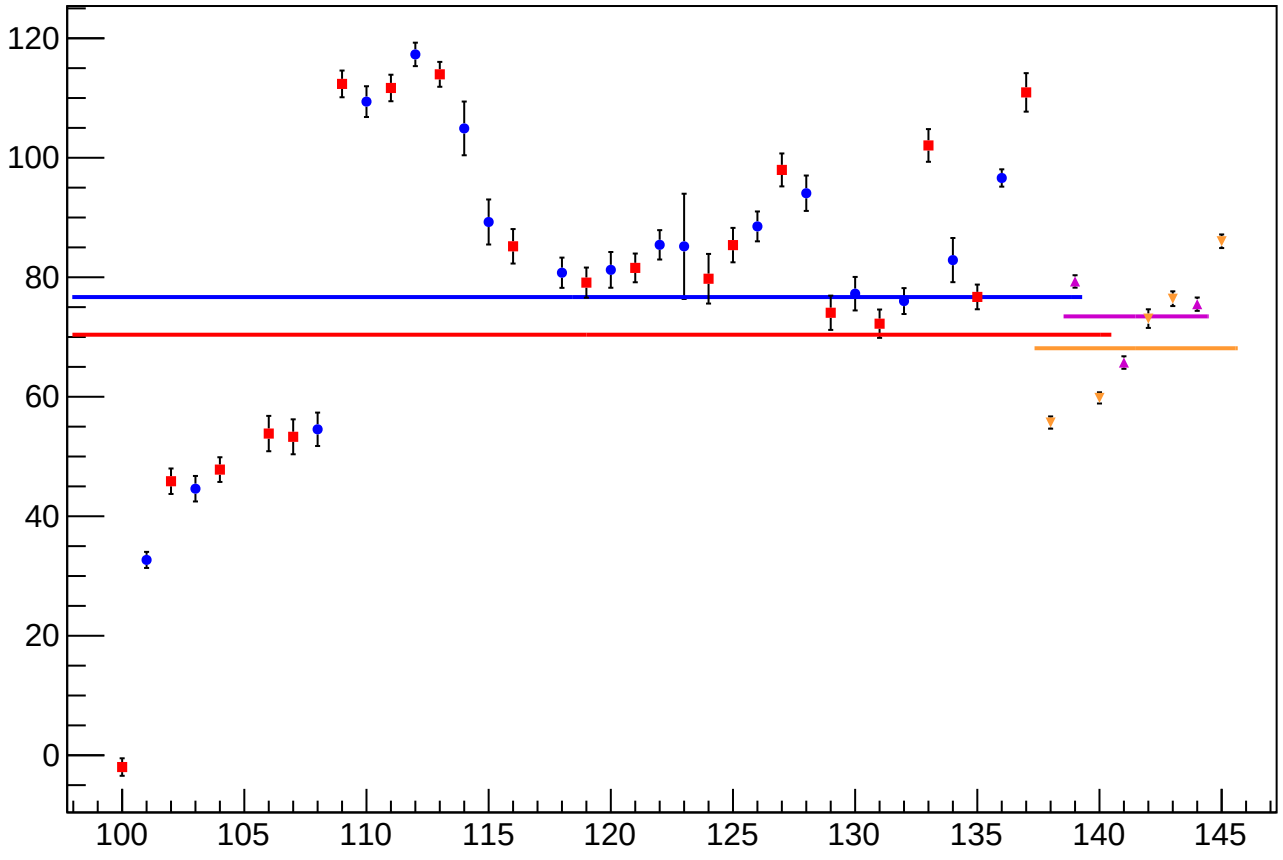
Left In: -1.200+/-0.490 χ^2/NDF:14.9/2

+ sign 1.651+/-0.241 χ^2/NDF: 535.2/21

All: 1.890+/-0.179 χ^2/NDF: 899.5/43

- sign 2.184+/-0.267 χ^2/NDF: 362.1/21

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 68.119+/-0.504 χ^2/NDF:529.2/4

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

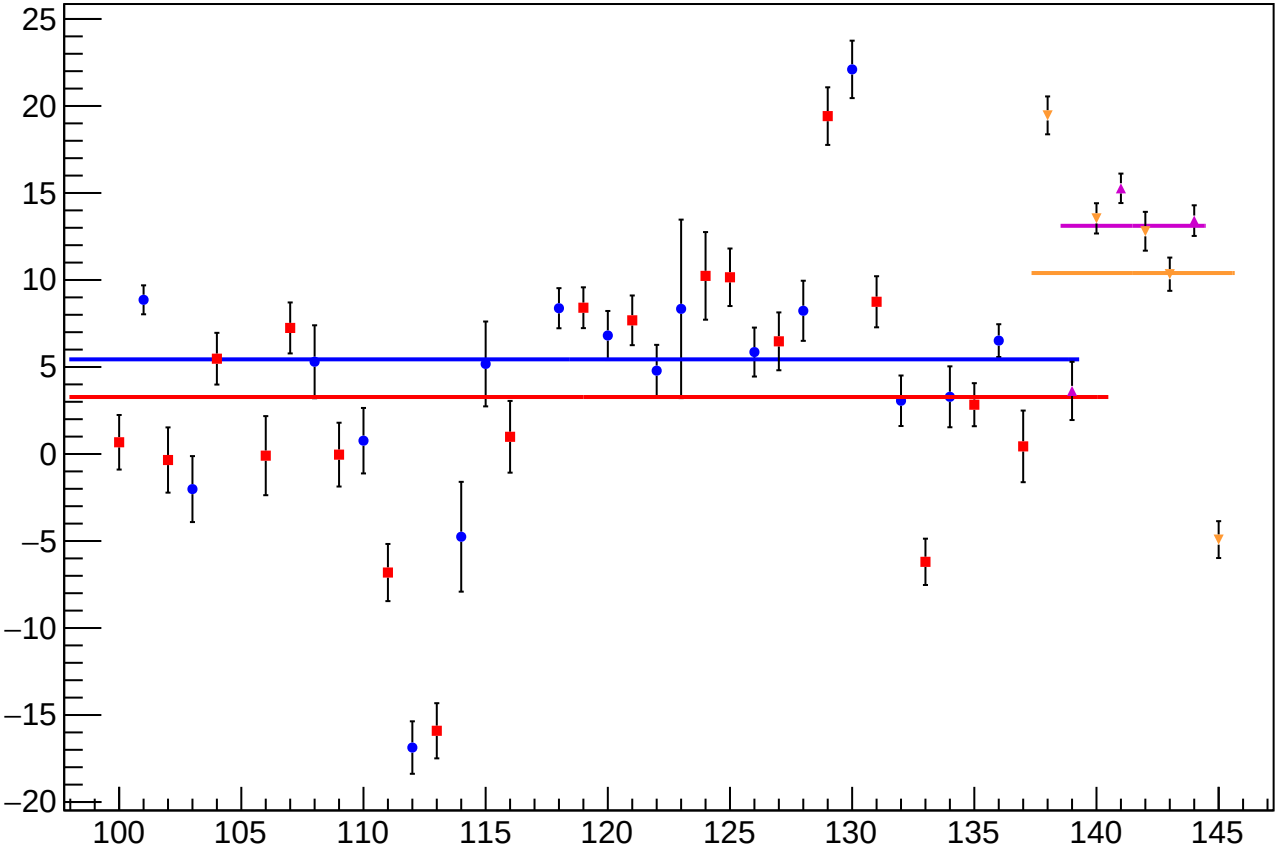
Left In: 73.452+/-0.616 χ^2/NDF:89.2/2

+ sign 71.852+/-0.379 χ^2/NDF: 2920.1/21

All: 71.803+/-0.278 χ^2/NDF: 7414.3/43

- sign 71.745+/-0.410 χ^2/NDF: 4494.1/21

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 10.400+/-0.449 χ^2/NDF:296.1/4

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

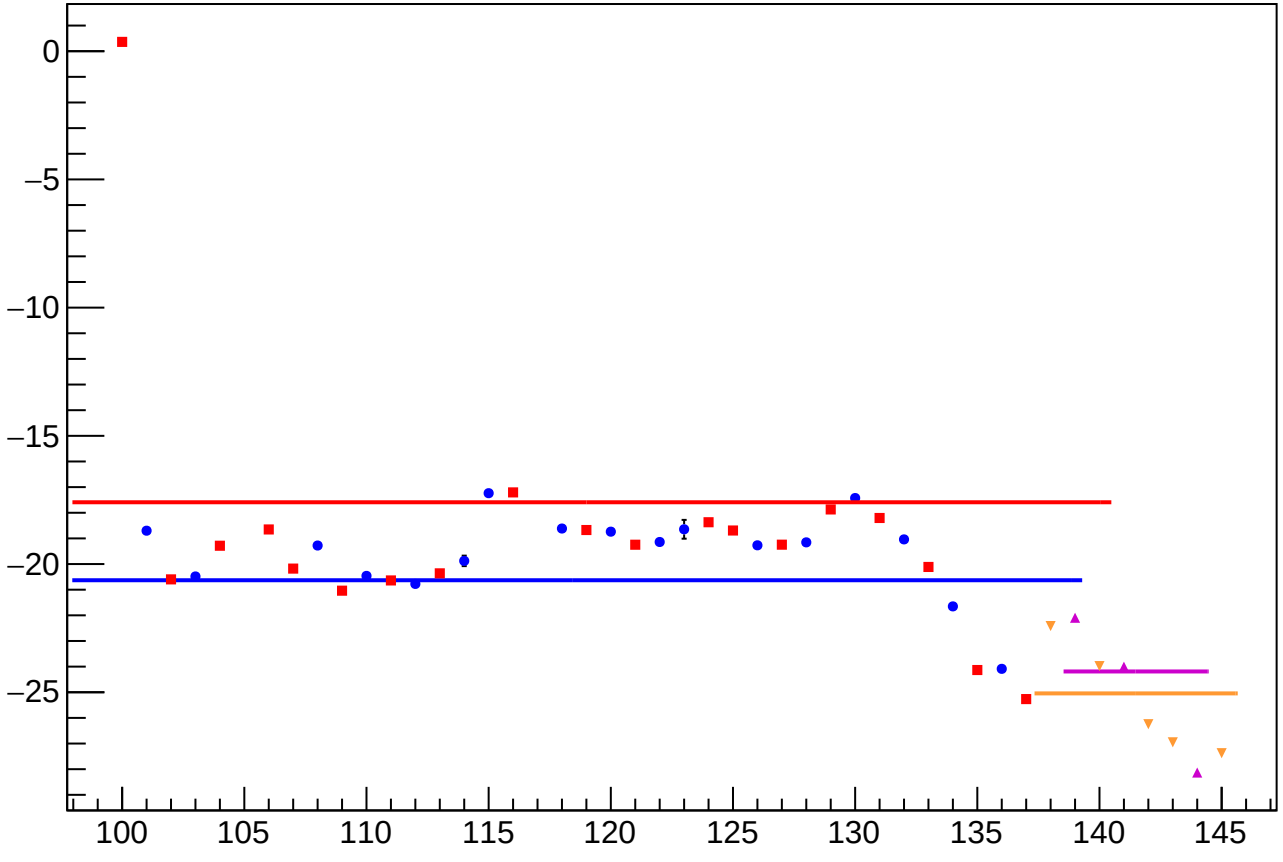
Left In: 13.114+/-0.573 χ^2/NDF:38.8/2

+ sign 7.363+/-0.280 χ^2/NDF: 756.8/21

All: 6.800+/-0.207 χ^2/NDF: 1439.7/43

- sign 6.117+/-0.308 χ^2/NDF: 674.0/21

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -25.044+/-0.021 χ^2/NDF:9429.4/4

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

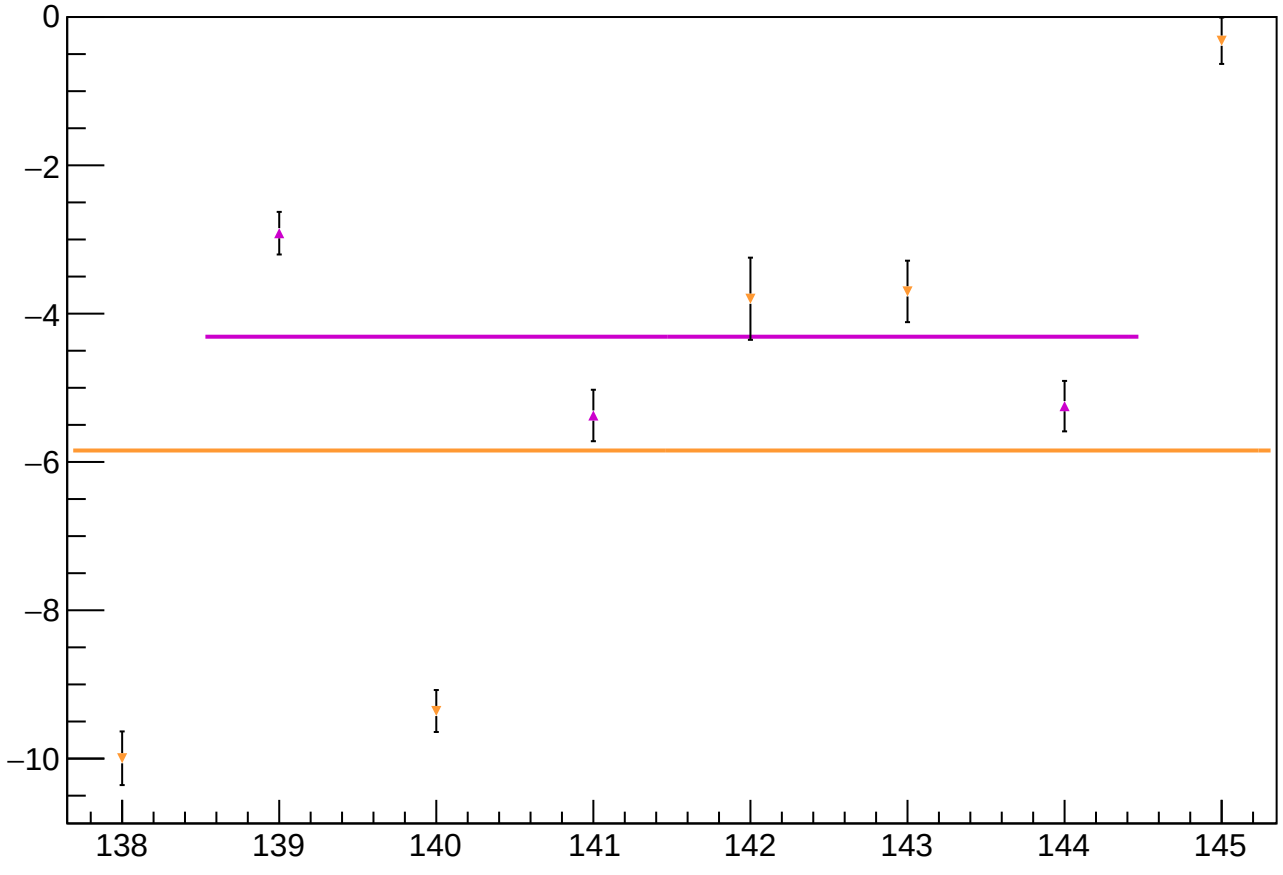
Left In: -24.189+/-0.024 χ^2/NDF:9793.5/2

+ sign -22.698+/-0.014 χ^2/NDF: 46468.0/21

All: -21.360+/-0.010 χ^2/NDF: 301507.5/43

- sign -19.951+/-0.014 χ^2/NDF: 236473.9/21

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -5.846+/-0.159 χ^2/NDF:638.0/4

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

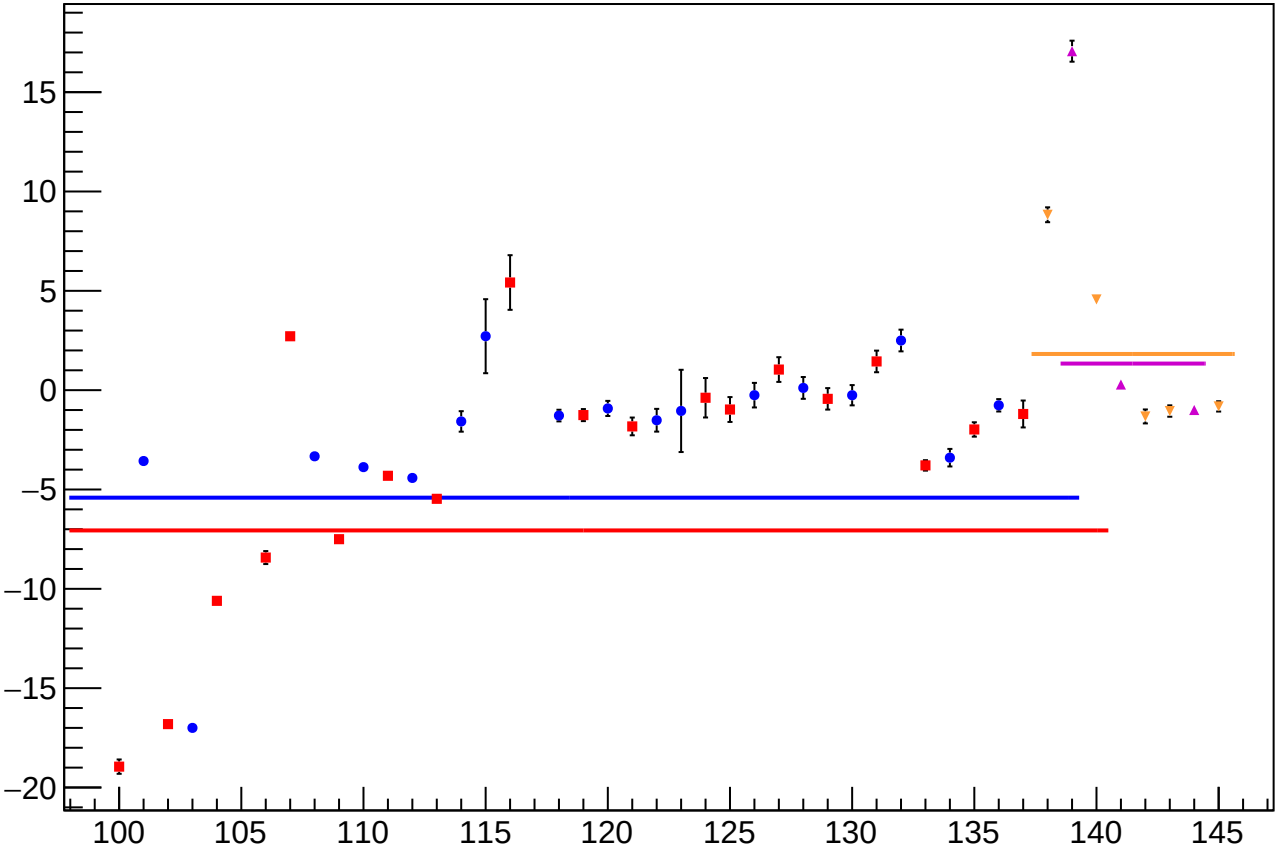
Left In: -4.311+/-0.185 χ^2/NDF:40.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.194+/-0.121 χ^2/NDF: 718.0/7

- 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: 1.822+/-0.129 χ^2/NDF:770.8/4

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

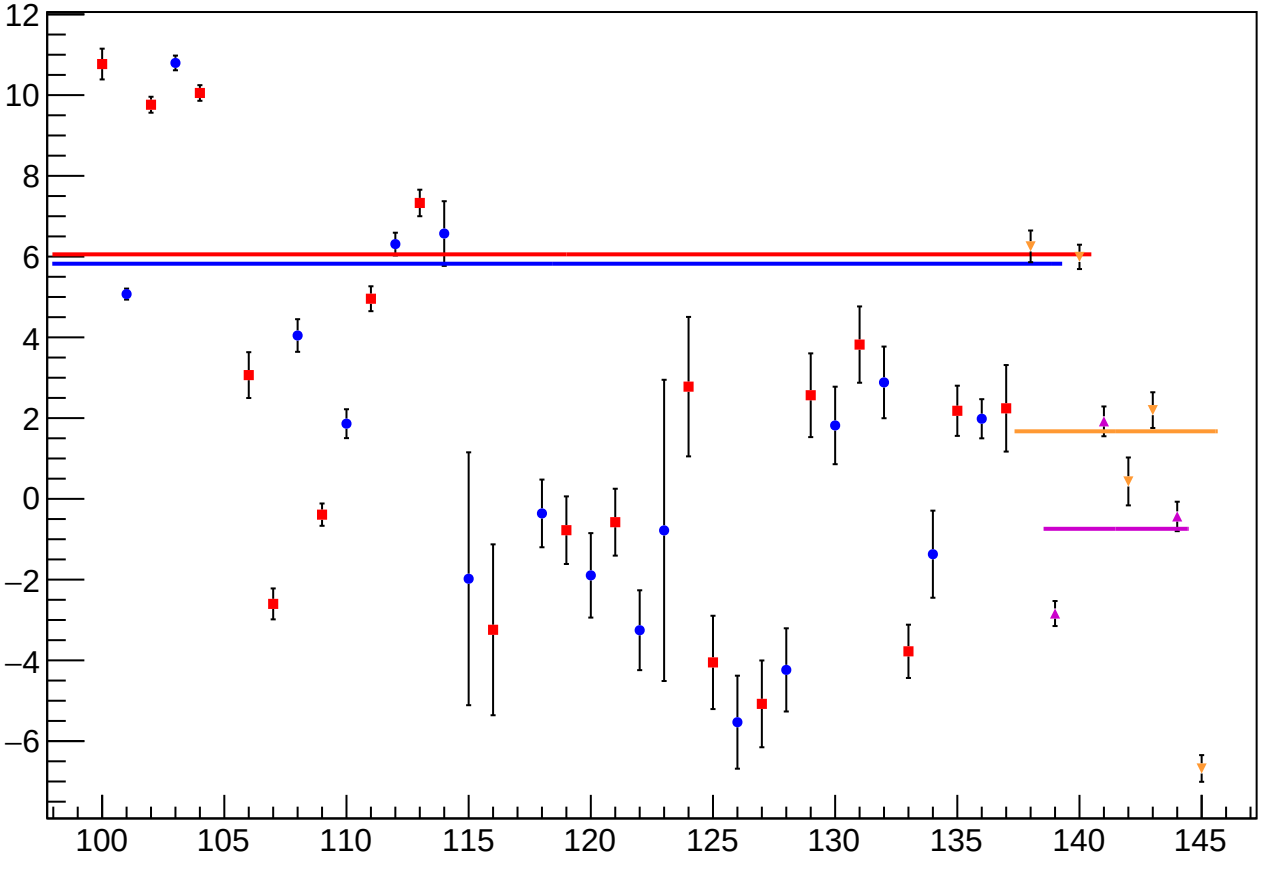
Left In: 1.338+/-0.166 χ^2/NDF:992.4/2

+ sign -4.303+/-0.050 χ^2/NDF: 12706.4/21

All: -5.119+/-0.037 χ^2/NDF: 28893.4/43

- sign -6.112+/-0.056 χ^2/NDF: 15605.6/21

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 1.673+/-0.170 χ^2/NDF:985.6/4

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

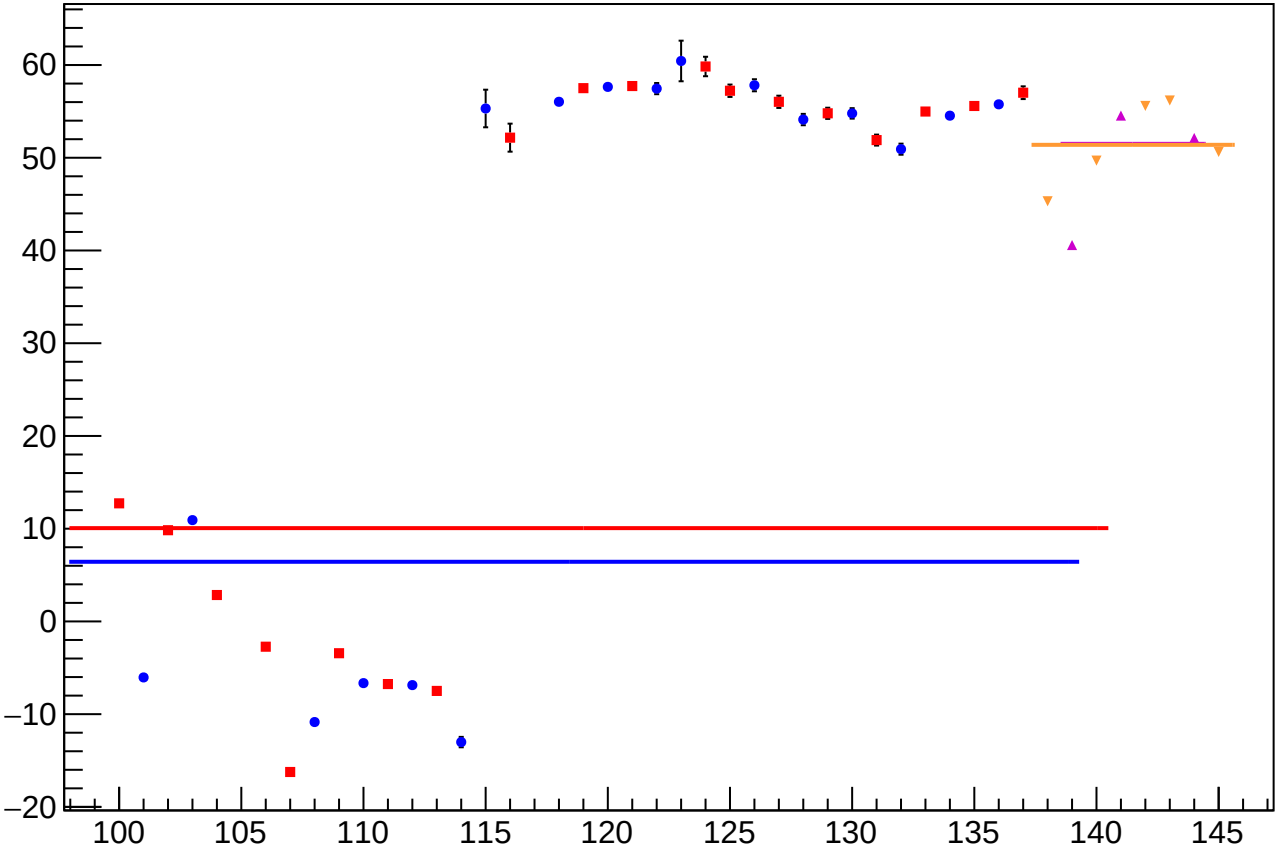
Left In: -0.742+/-0.199 χ^2/NDF:98.6/2

+ sign 4.922+/-0.079 χ^2/NDF: 2904.8/21

All: 4.879+/-0.058 χ^2/NDF: 6630.3/43

- sign 4.830+/-0.084 χ^2/NDF: 3724.9/21

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 51.394+/-0.152 χ^2/NDF:539.3/4

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

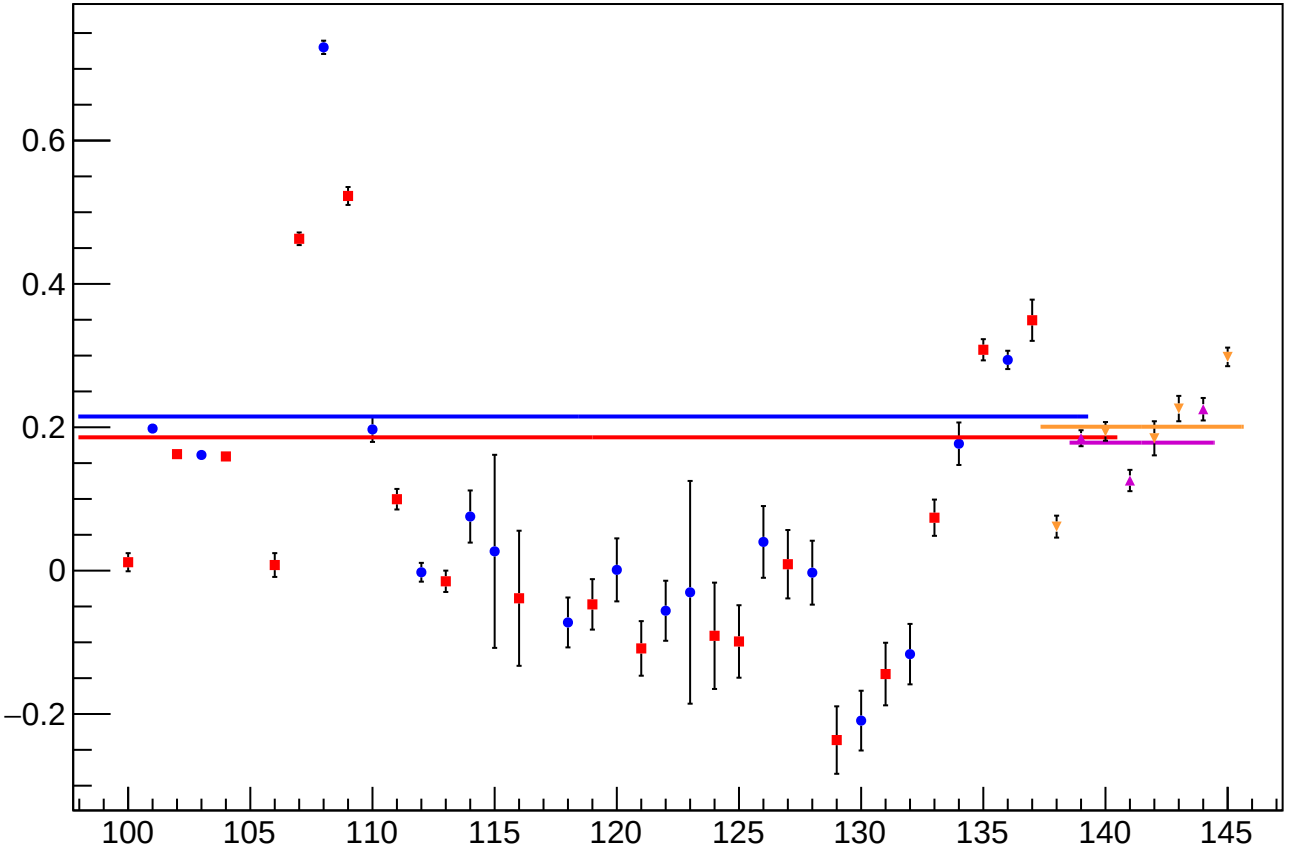
Left In: 51.499+/-0.192 χ^2/NDF:566.2/2

+ sign 13.335+/-0.060 χ^2/NDF: 198171.4/21

All: 14.034+/-0.044 χ^2/NDF: 361927.6/43

- sign 14.881+/-0.066 χ^2/NDF: 163451.5/21

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.201+/-0.007 χ^2/NDF:142.0/4

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

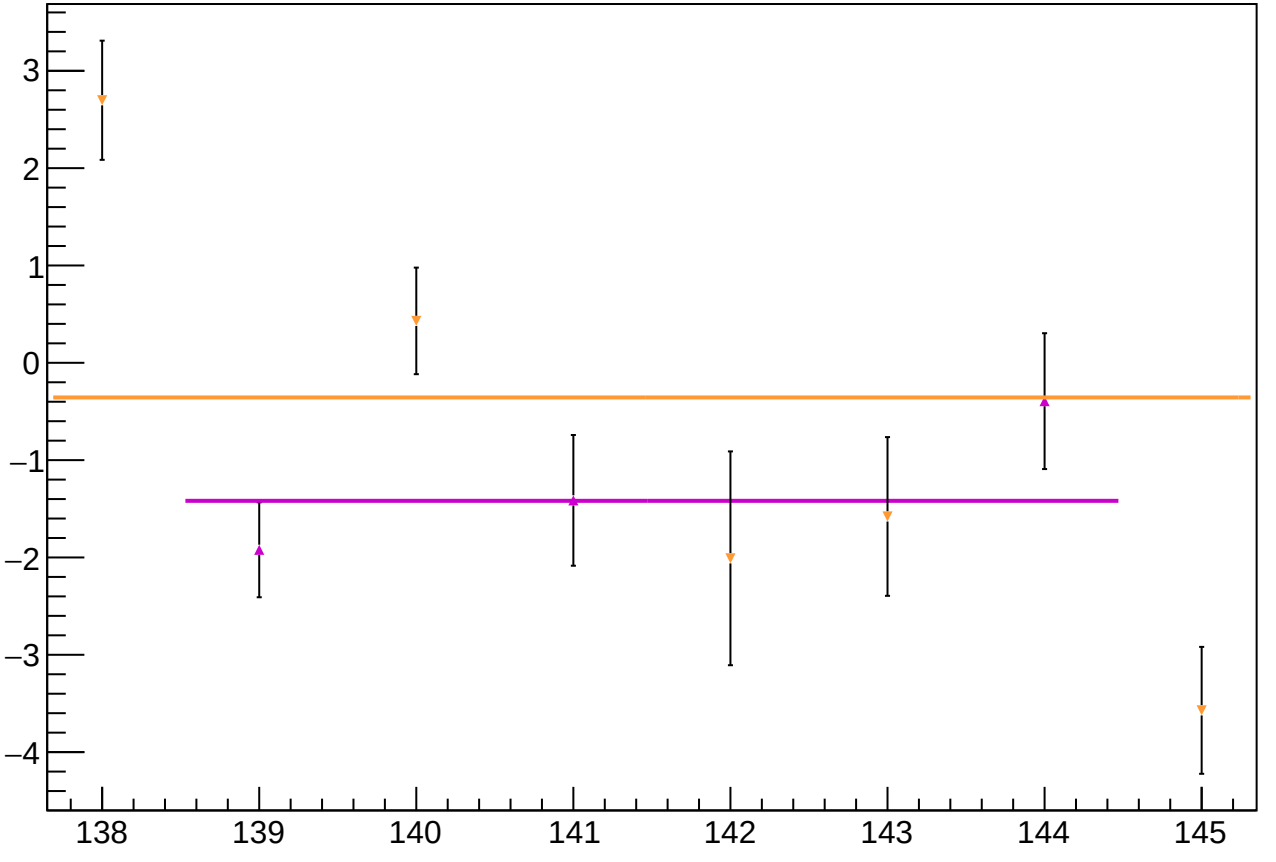
Left In: 0.179+/-0.008 χ^2/NDF:21.8/2

+ sign 0.213+/-0.003 χ^2/NDF: 4075.8/21

All: 0.199+/-0.002 χ^2/NDF: 6878.2/43

- sign 0.185+/-0.003 χ^2/NDF: 2742.9/21

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.356+/-0.306 χ^2/NDF:55.8/4

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

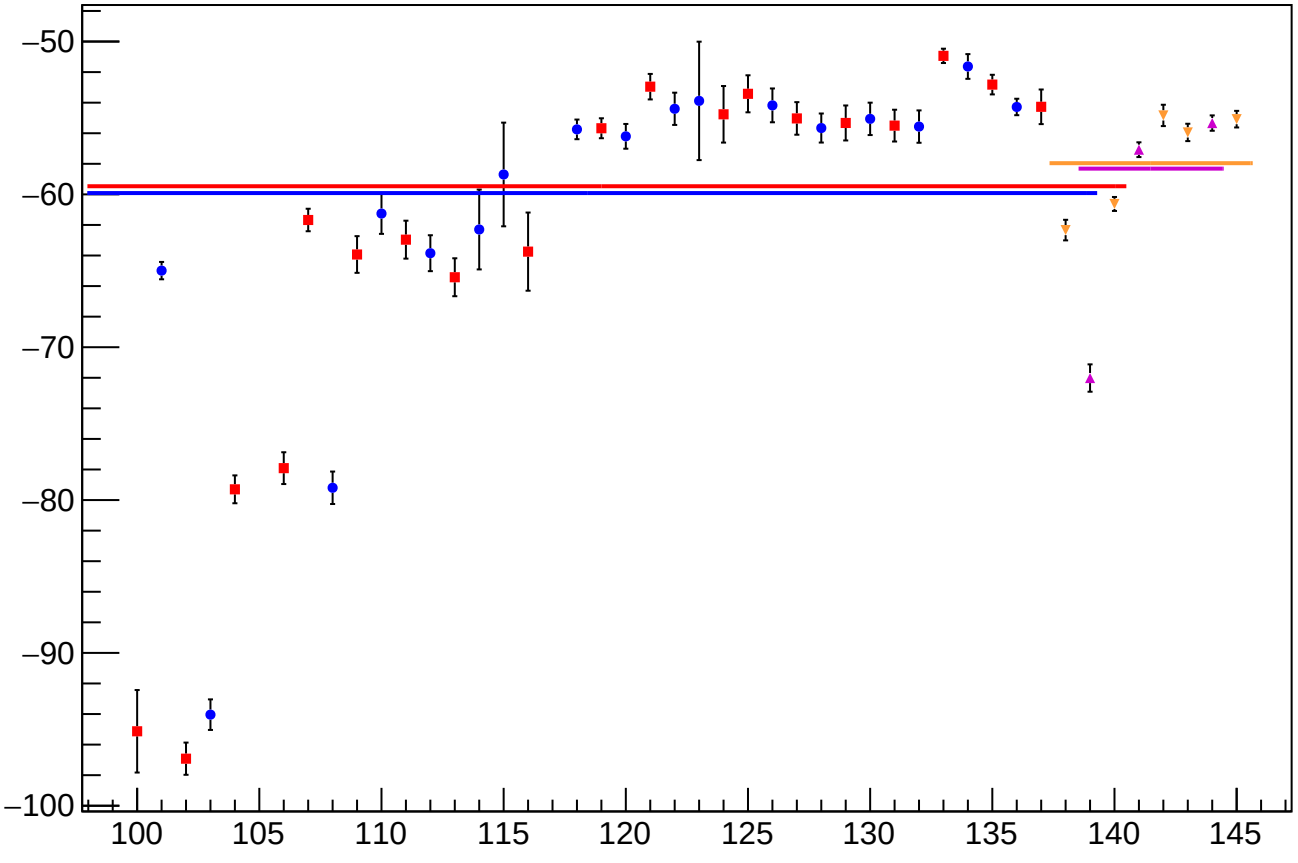
Left In: -1.418+/-0.344 χ^2/NDF:3.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.826+/-0.228 χ^2/NDF: 64.3/7

- 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: -57.959+/-0.254 χ^2/NDF:137.0/4

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

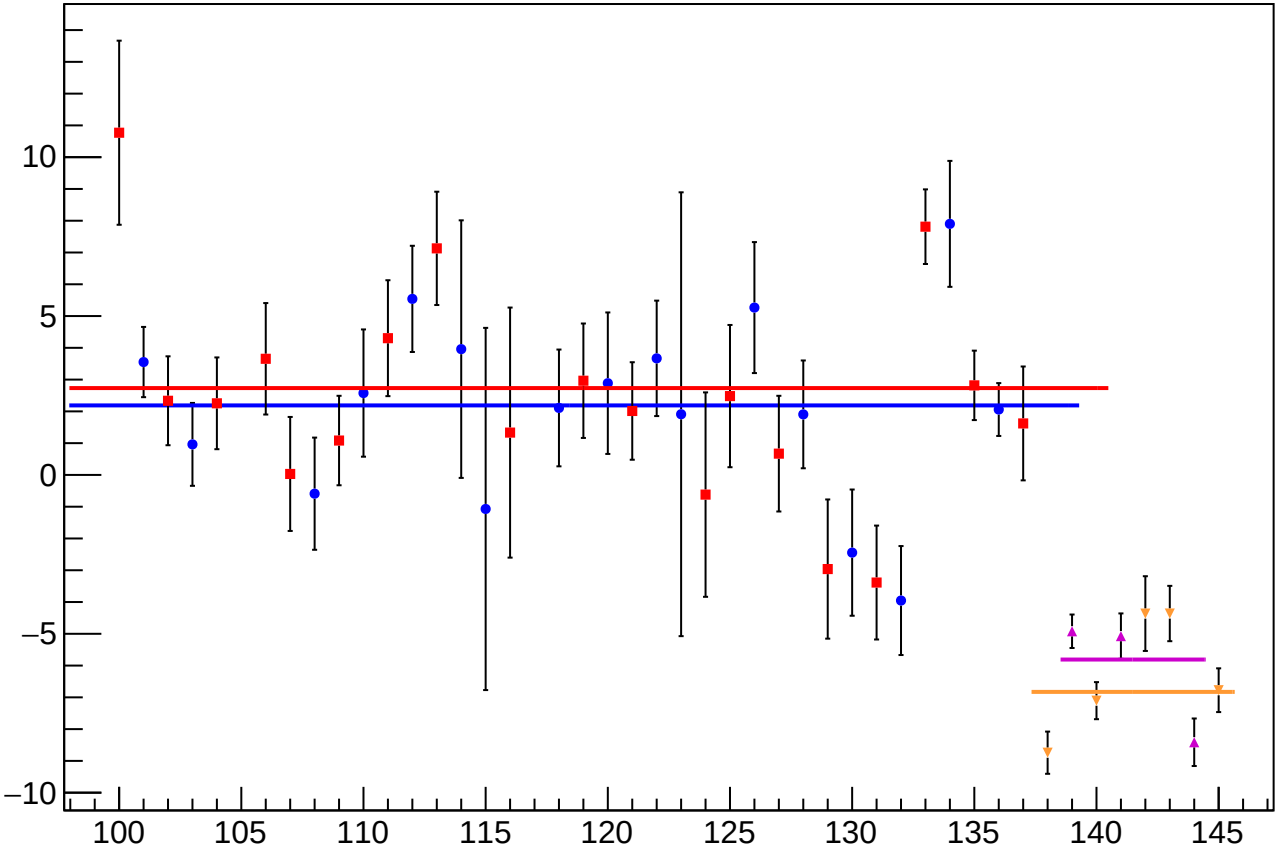
Left In: -58.316+/-0.325 χ^2/NDF:276.0/2

+ sign -59.062+/-0.168 χ^2/NDF: 2150.0/21

All: -59.091+/-0.122 χ^2/NDF: 5347.6/43

- sign -59.123+/-0.178 χ^2/NDF: 3197.5/21

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -6.828+/-0.327 χ^2/NDF:20.9/4

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

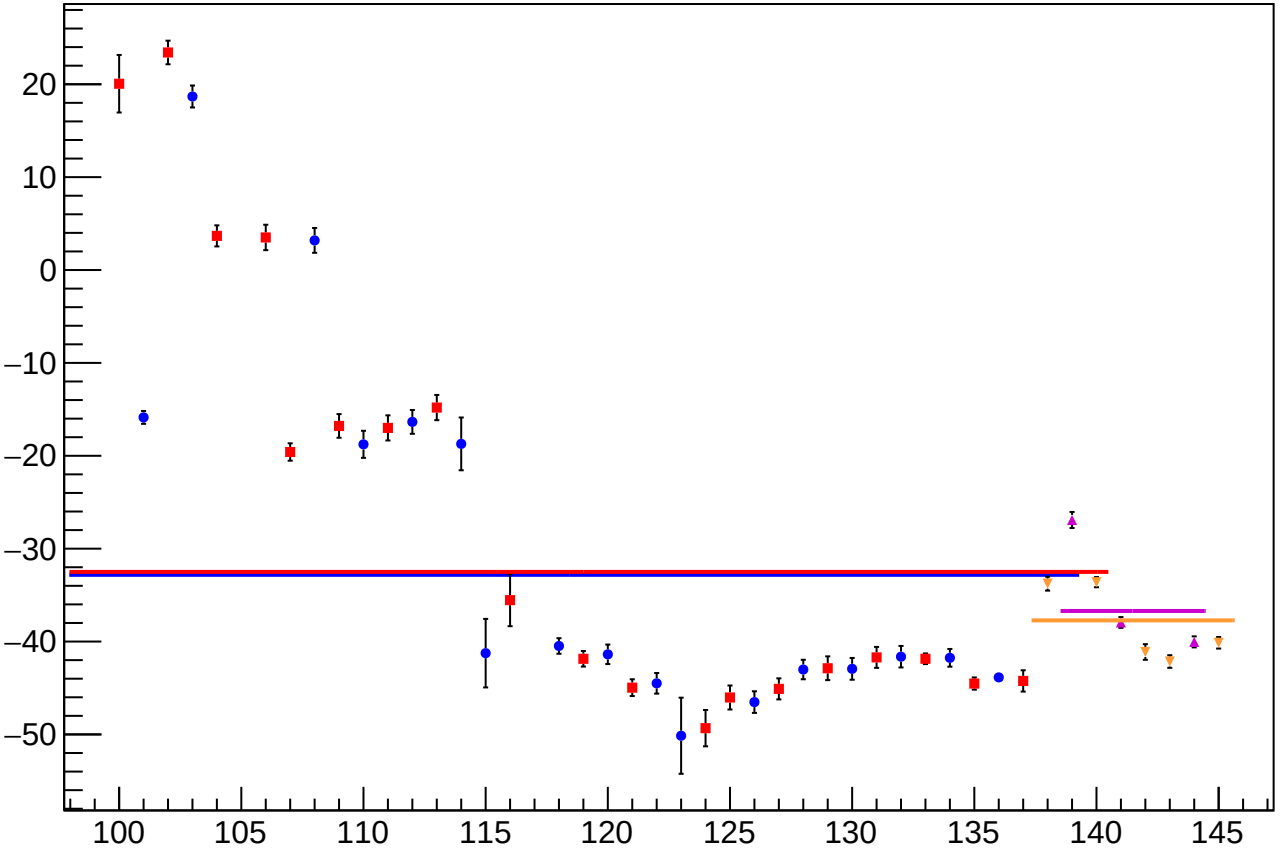
Left In: -5.810+/-0.369 χ^2/NDF:16.0/2

+ sign -3.261+/-0.254 χ^2/NDF: 360.9/21

All: -2.544+/-0.184 χ^2/NDF: 707.6/43

- sign -1.752+/-0.267 χ^2/NDF: 329.9/21

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -37.722+/-0.298 χ^2/NDF:157.8/4

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

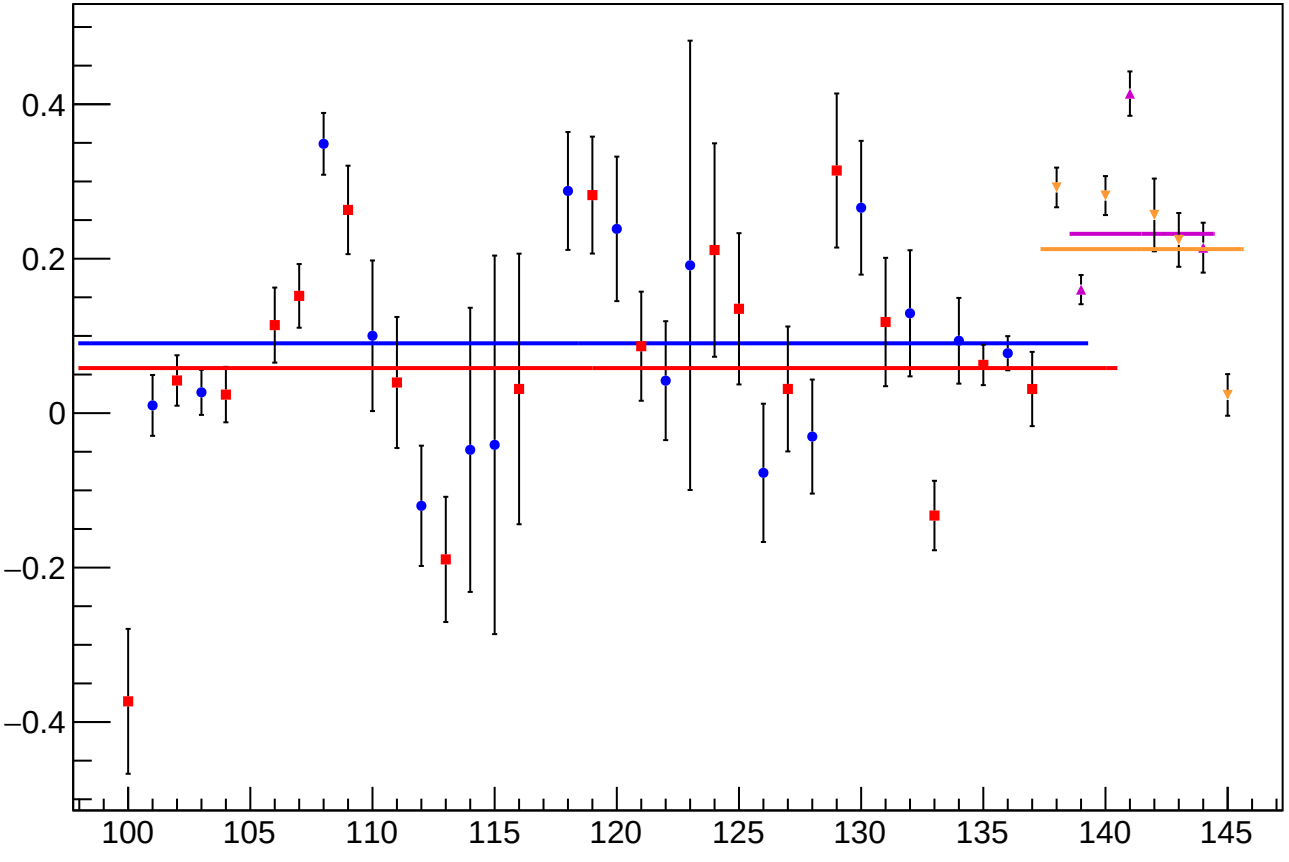
Left In: -36.707+/-0.373 χ^2/NDF:164.9/2

+ sign -34.880+/-0.193 χ^2/NDF: 4981.3/21

All: -34.350+/-0.140 χ^2/NDF: 11288.8/43

- sign -33.759+/-0.204 χ^2/NDF: 6291.7/21

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.212+/-0.013 χ^2/NDF:67.2/4

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

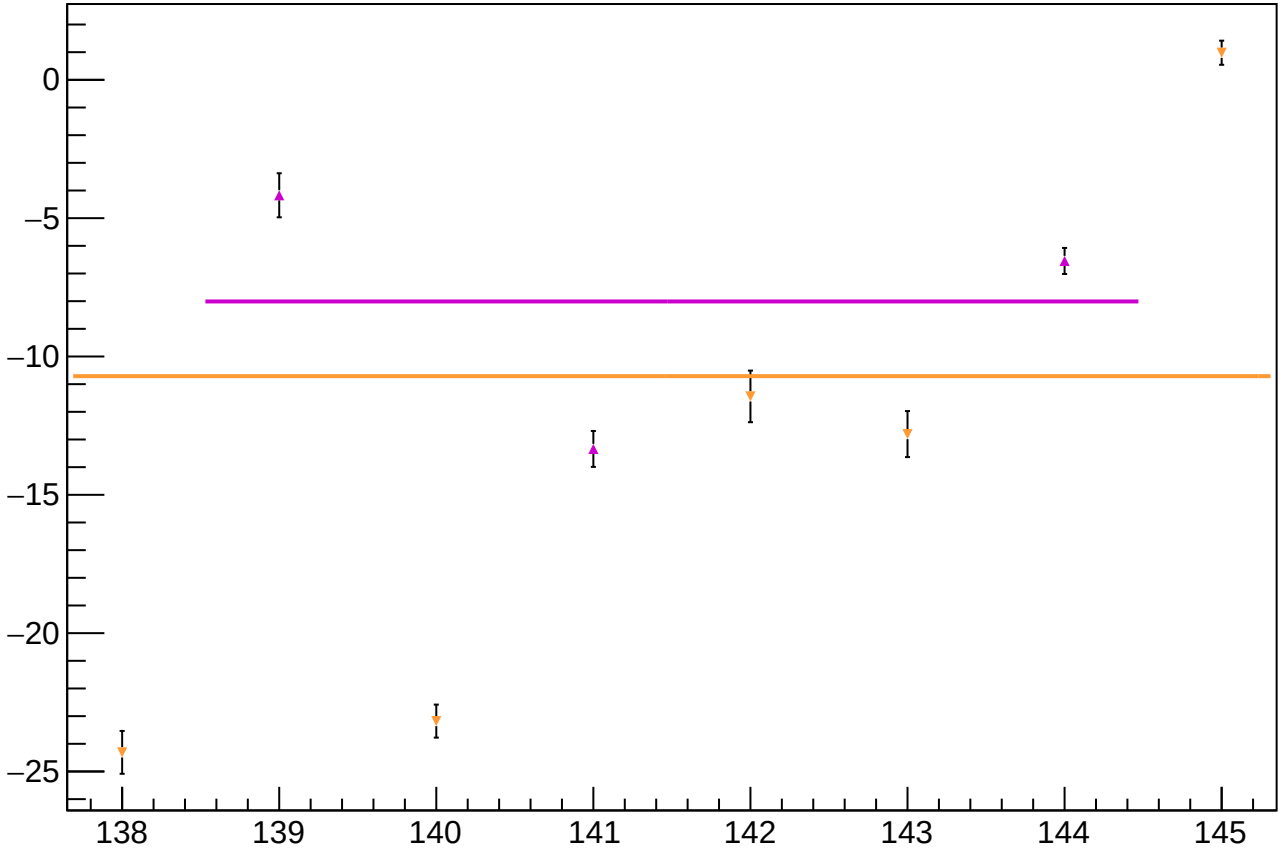
Left In: 0.232+/-0.014 χ^2/NDF:54.9/2

+ sign 0.149+/-0.009 χ^2/NDF: 190.7/21

All: 0.141+/-0.006 χ^2/NDF: 421.5/43

- sign 0.132+/-0.009 χ^2/NDF: 229.0/21

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.711+/-0.285 χ^2/NDF:1470.9/4

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

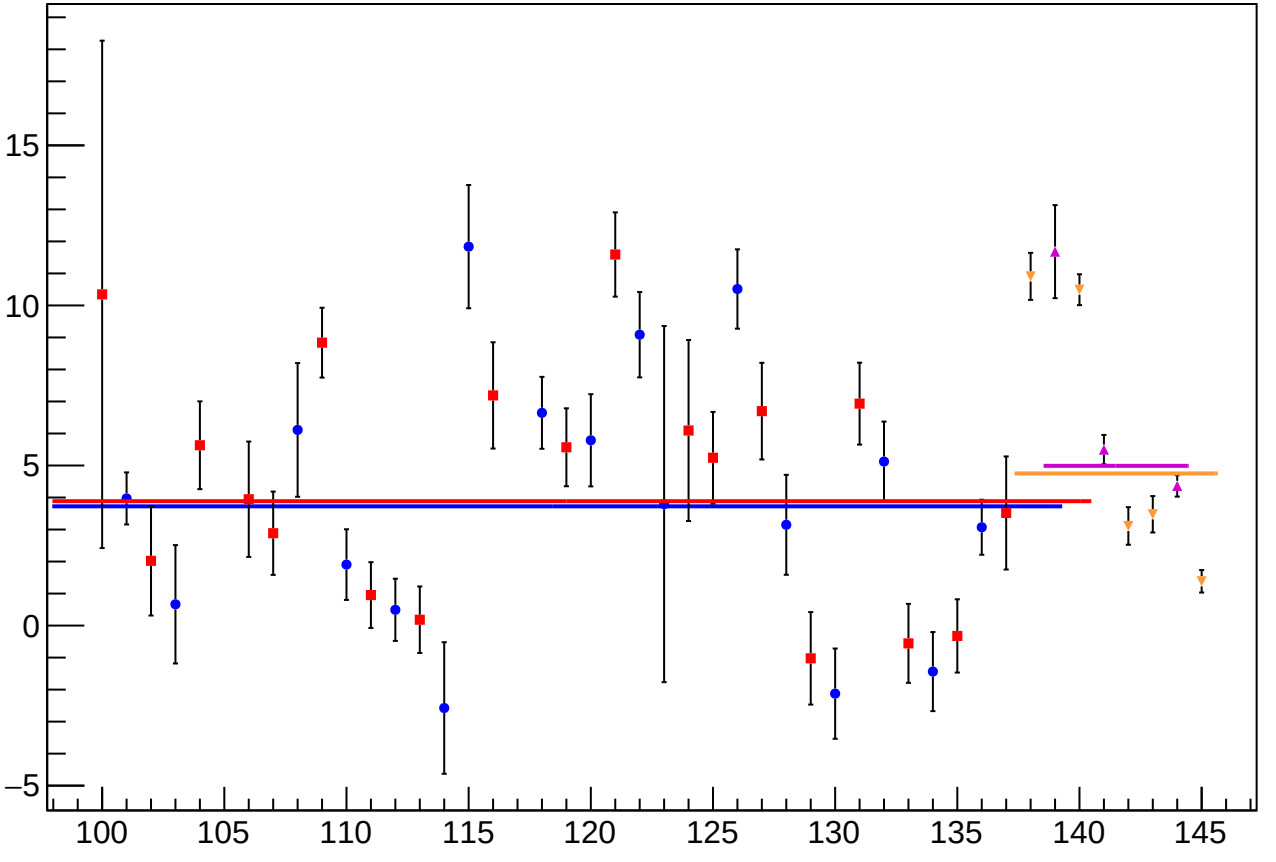
Left In: -8.010+/-0.344 χ^2/NDF:100.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.612+/-0.219 χ^2/NDF: 1607.8/7

- 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: 4.752+/-0.222 χ^2/NDF:316.8/4

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

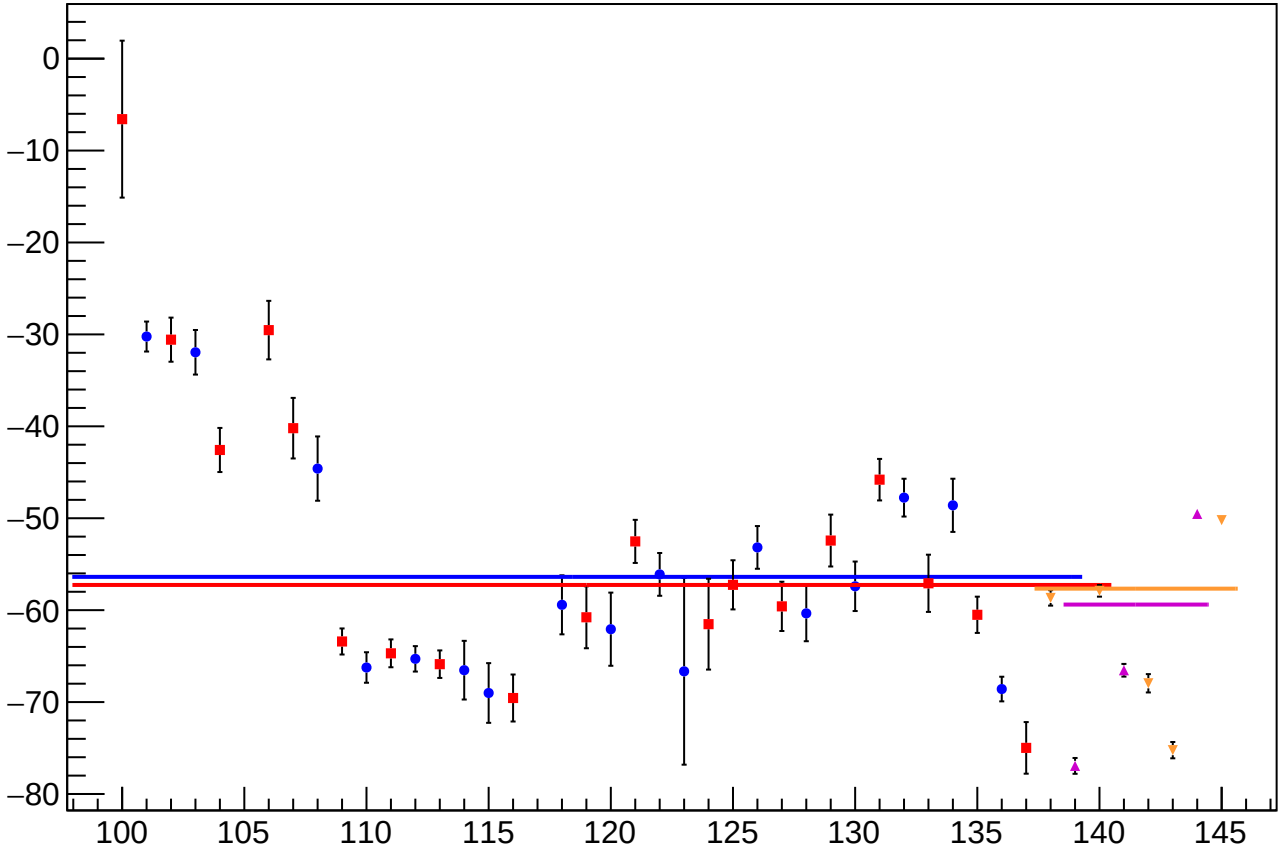
Left In: 4.990+/-0.266 χ^2/NDF:25.9/2

+ sign 4.401+/-0.180 χ^2/NDF: 460.8/21

All: 4.458+/-0.135 χ^2/NDF: 628.5/43

- sign 4.532+/-0.204 χ^2/NDF: 167.4/21

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -57.661+/-0.304 χ^2/NDF:758.0/4

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

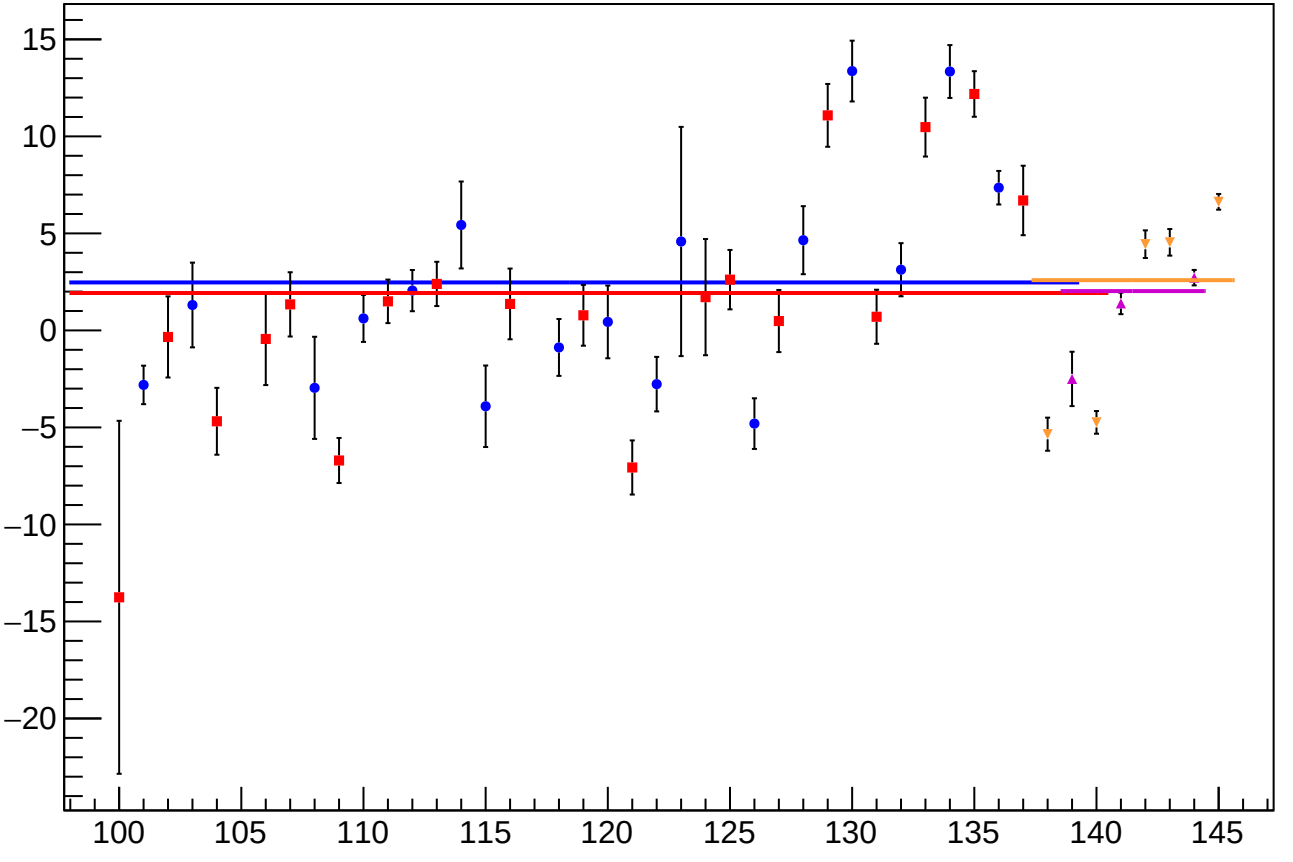
Left In: -59.392+/-0.368 χ^2/NDF:904.7/2

+ sign -57.354+/-0.265 χ^2/NDF: 1349.6/21

All: -57.939+/-0.200 χ^2/NDF: 2752.4/43

- sign -58.707+/-0.304 χ^2/NDF: 1391.5/21

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 2.589+/-0.263 χ^2/NDF:358.1/4

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

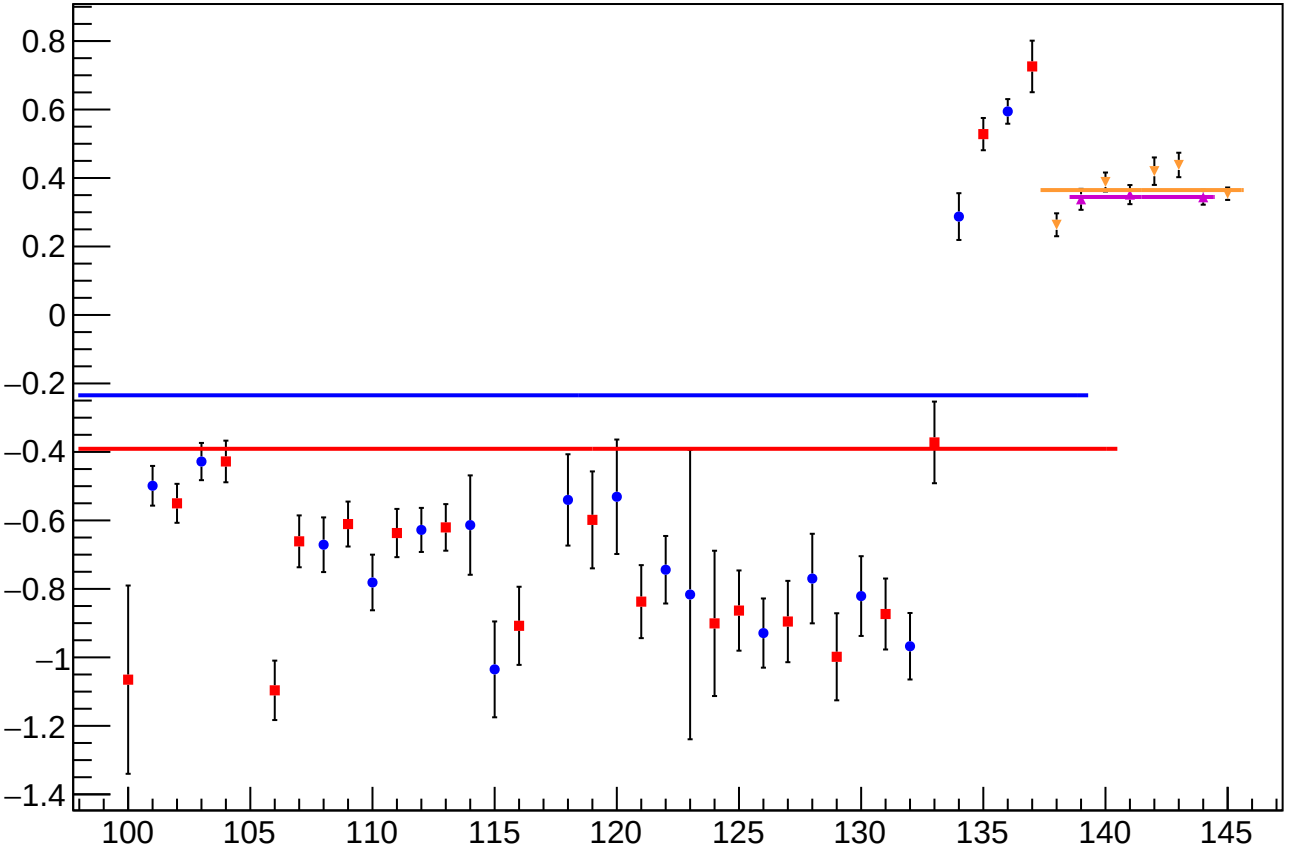
Left In: 2.027+/-0.315 χ^2/NDF:14.8/2

+ sign 2.546+/-0.209 χ^2/NDF: 601.8/21

All: 2.298+/-0.156 χ^2/NDF: 886.4/43

- sign 1.983+/-0.236 χ^2/NDF: 281.5/21

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.365+/-0.012 χ^2/NDF:16.3/4

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

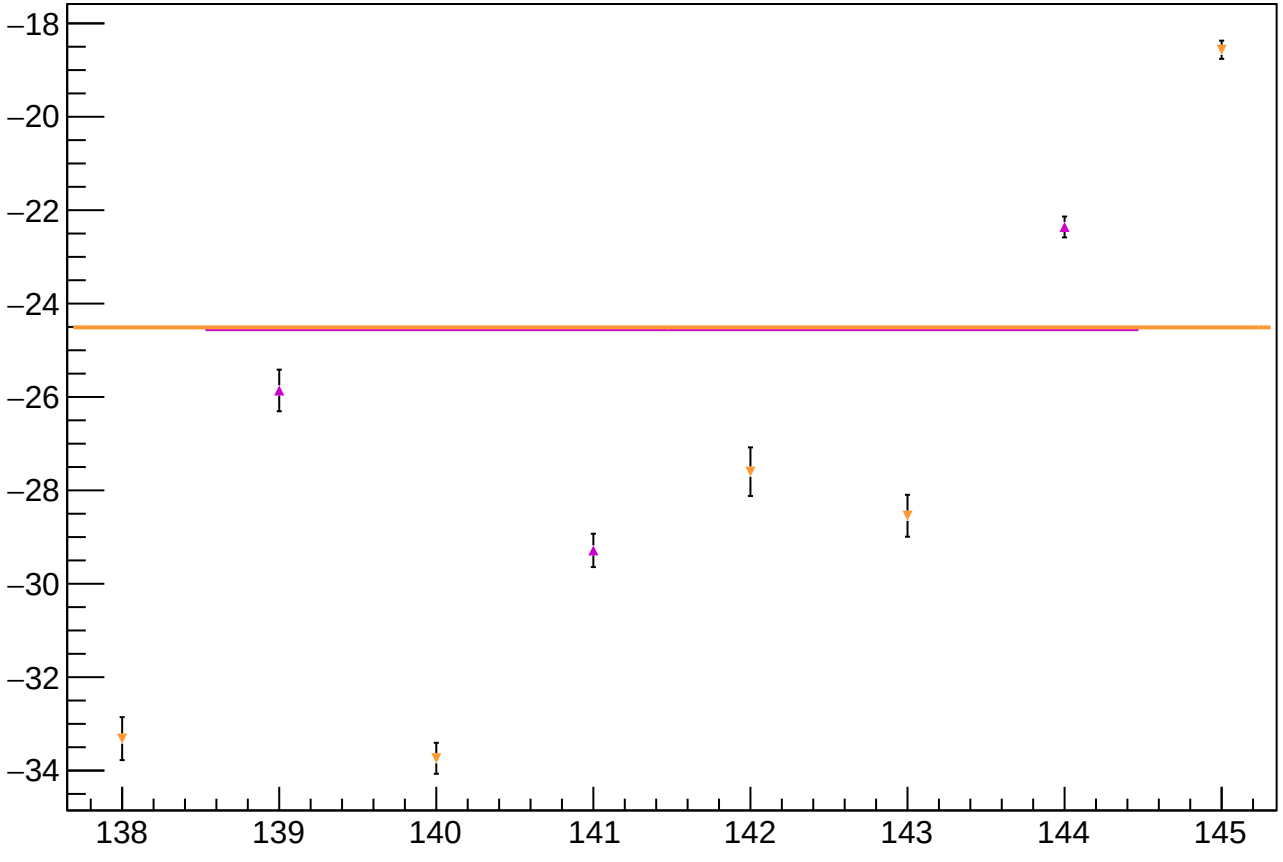
Left In: 0.345+/-0.015 χ^2/NDF:0.1/2

+ sign 0.186+/-0.010 χ^2/NDF: 1683.1/21

All: 0.132+/-0.008 χ^2/NDF: 3526.7/43

- sign 0.062+/-0.012 χ^2/NDF: 1780.4/21

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -24.510+/-0.143 χ^2/NDF:2186.2/4

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

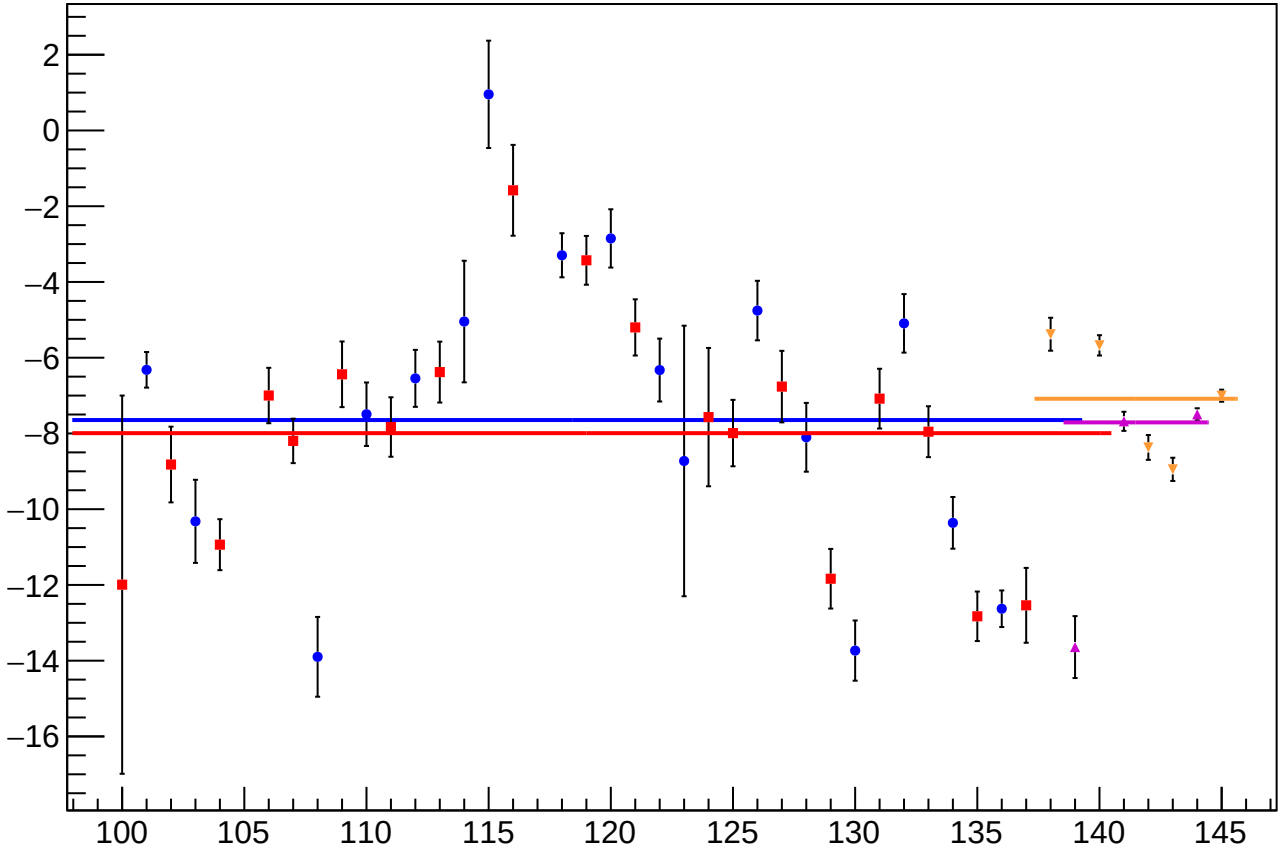
Left In: -24.546+/-0.174 χ^2/NDF:280.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -24.525+/-0.111 χ^2/NDF: 2467.1/7

- 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: -7.084+/-0.113 χ^2/NDF:95.6/4

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

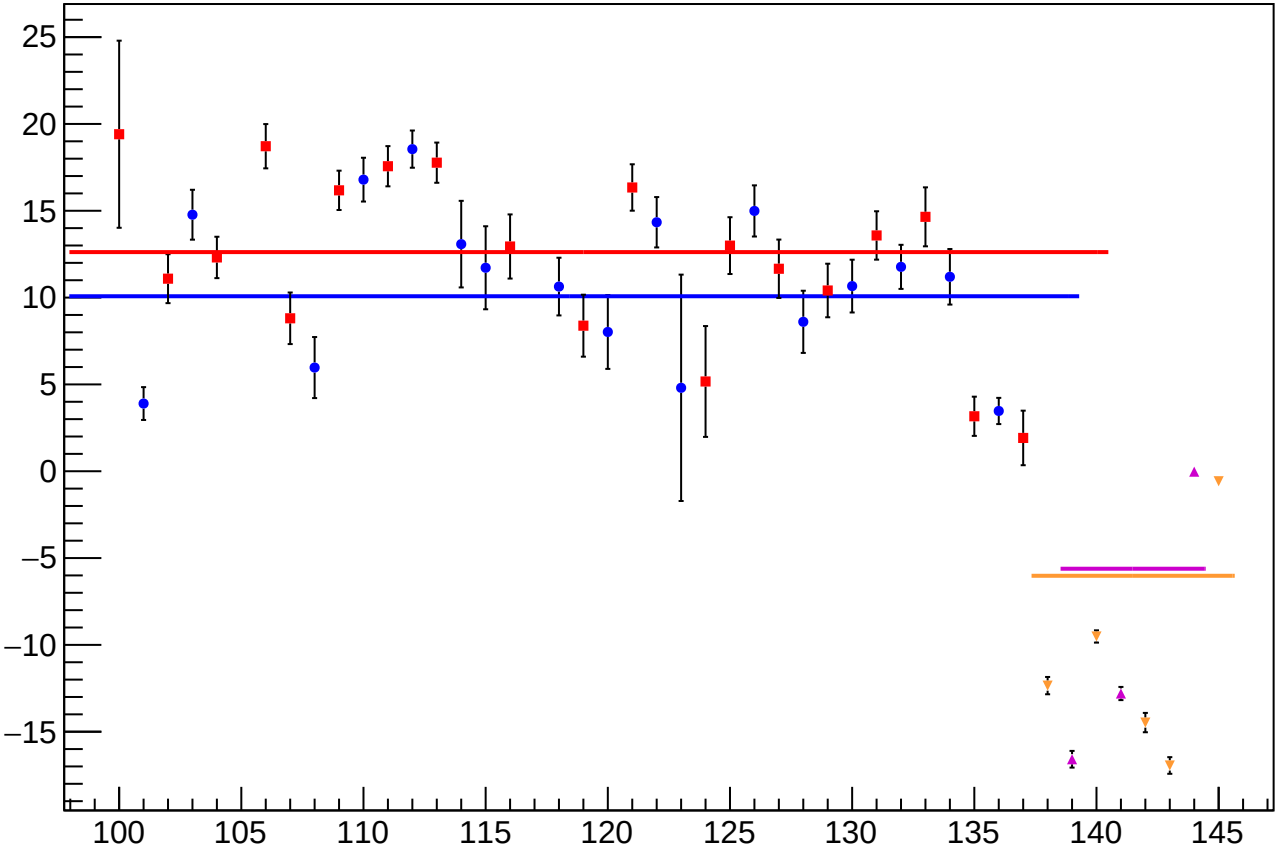
Left In: -7.708+/-0.133 χ^2/NDF:54.5/2

+ sign -7.236+/-0.096 χ^2/NDF: 495.9/21

All: -7.488+/-0.072 χ^2/NDF: 792.8/43

- sign -7.805+/-0.108 χ^2/NDF: 281.5/21

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -6.020+/-0.152 χ^2/NDF:1707.1/4

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

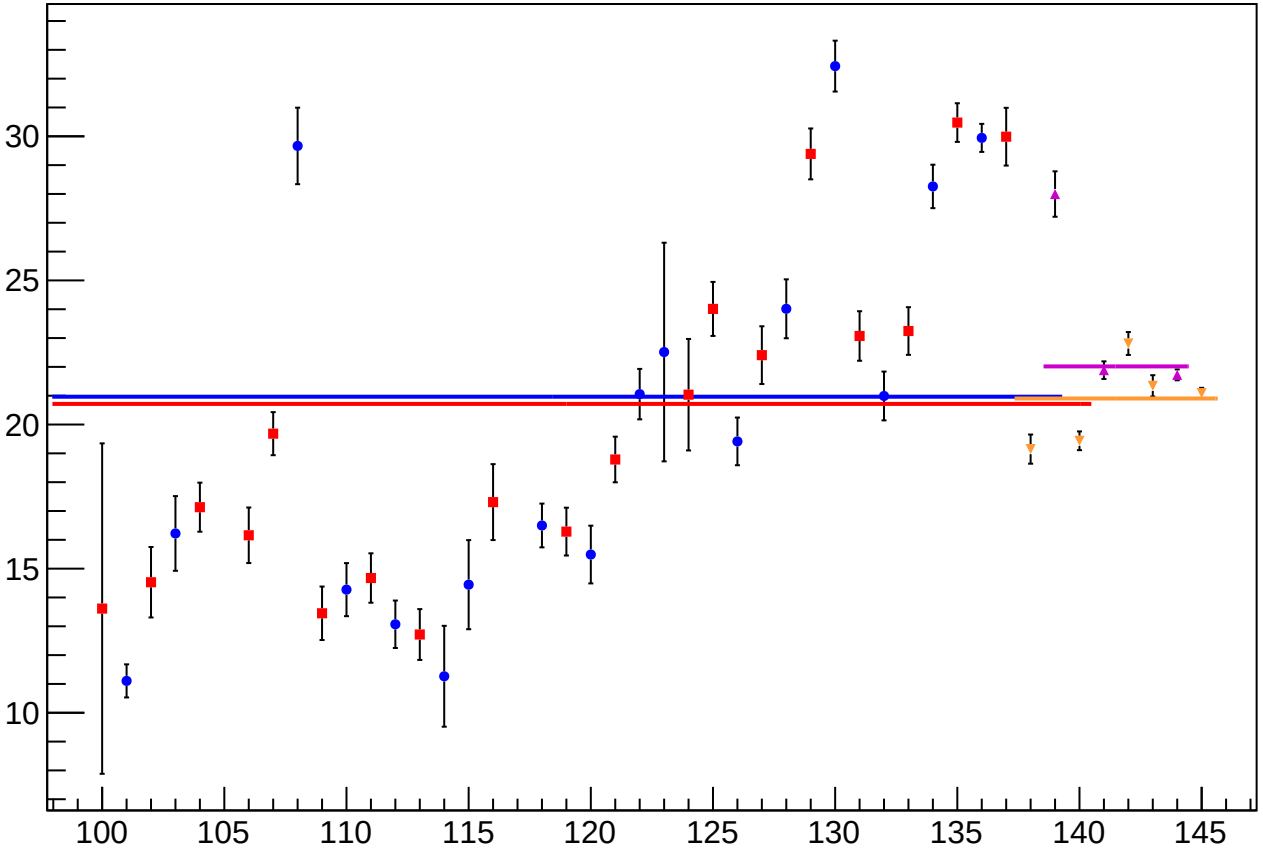
Left In: -5.614+/-0.187 χ^2/NDF:1423.8/2

+ sign -3.290+/-0.139 χ^2/NDF: 3857.1/21

All: -2.428+/-0.106 χ^2/NDF: 7879.6/43

- sign -1.242+/-0.163 χ^2/NDF: 3930.9/21

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 20.903+/-0.133 χ^2/NDF:57.9/4

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

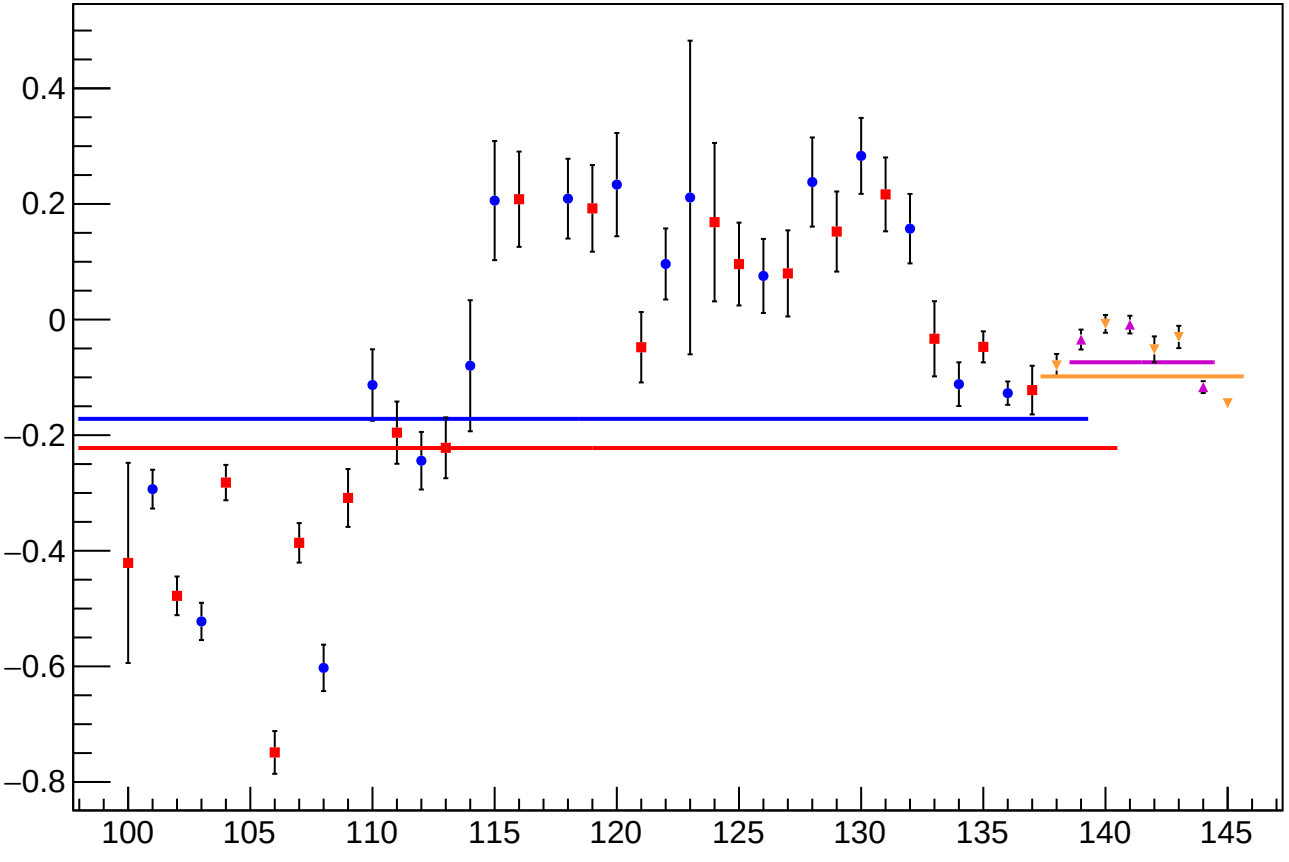
Left In: 22.017+/-0.157 χ^2/NDF:60.1/2

+ sign 20.921+/-0.112 χ^2/NDF: 1283.4/21

All: 21.201+/-0.084 χ^2/NDF: 2111.8/43

- sign 21.557+/-0.126 χ^2/NDF: 814.2/21

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.098+/-0.006 χ^2/NDF:85.6/4

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

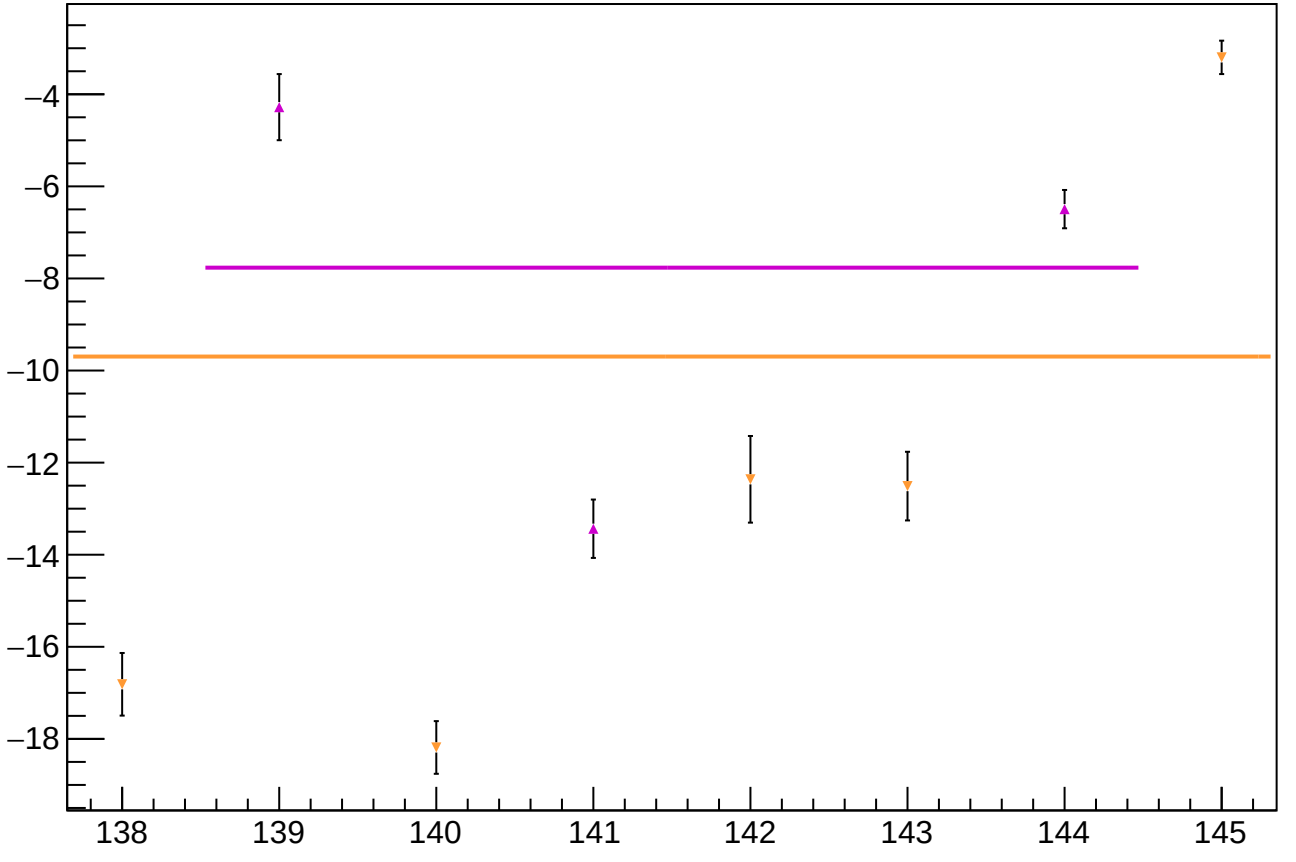
Left In: -0.074+/-0.008 χ^2/NDF:40.8/2

+ sign -0.115+/-0.005 χ^2/NDF: 583.0/21

All: -0.118+/-0.004 χ^2/NDF: 1284.3/43

- sign -0.122+/-0.006 χ^2/NDF: 700.5/21

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.696+/-0.252 χ^2/NDF:673.1/4

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

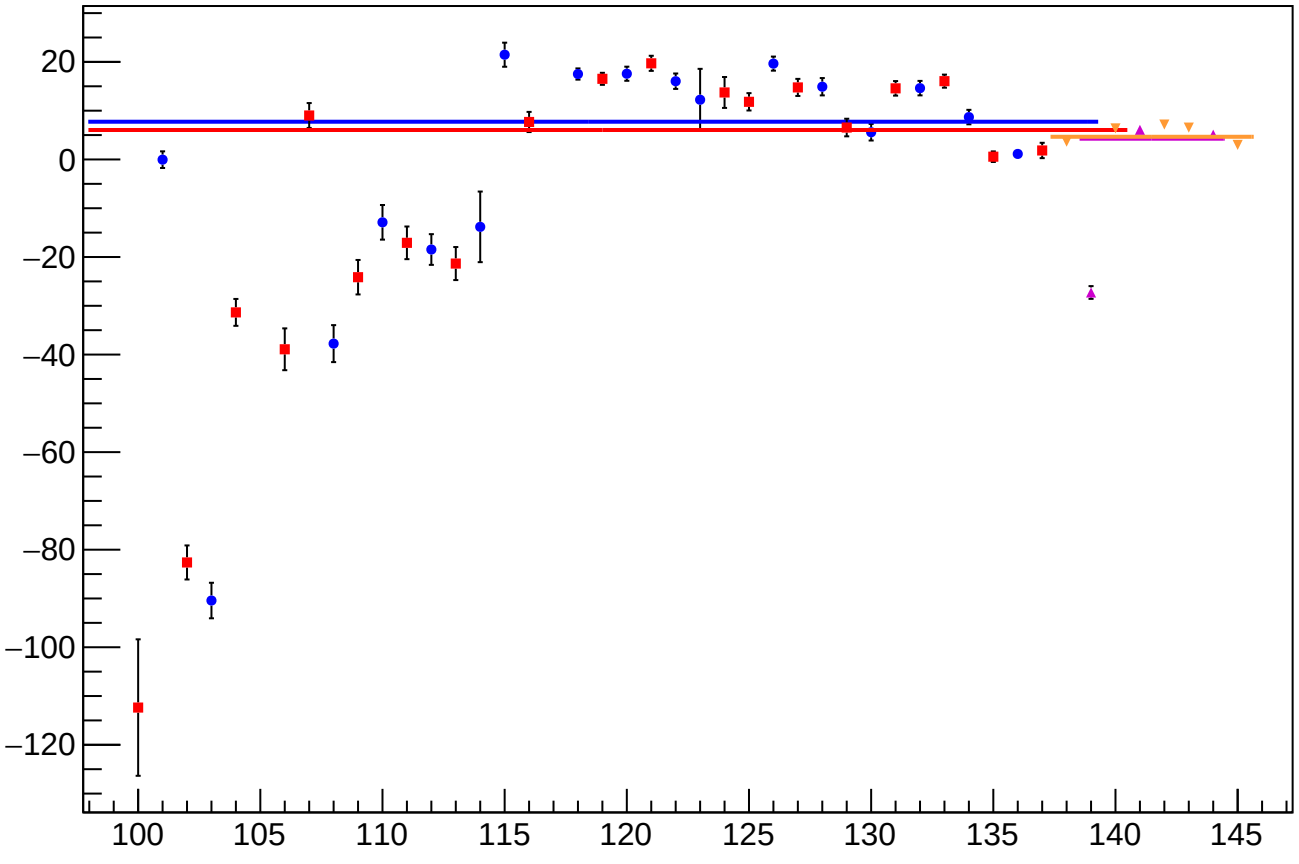
Left In: -7.766+/-0.313 χ^2/NDF:112.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.937+/-0.196 χ^2/NDF: 809.0/7

- 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: 4.650+/-0.197 χ^2/NDF:80.9/4

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

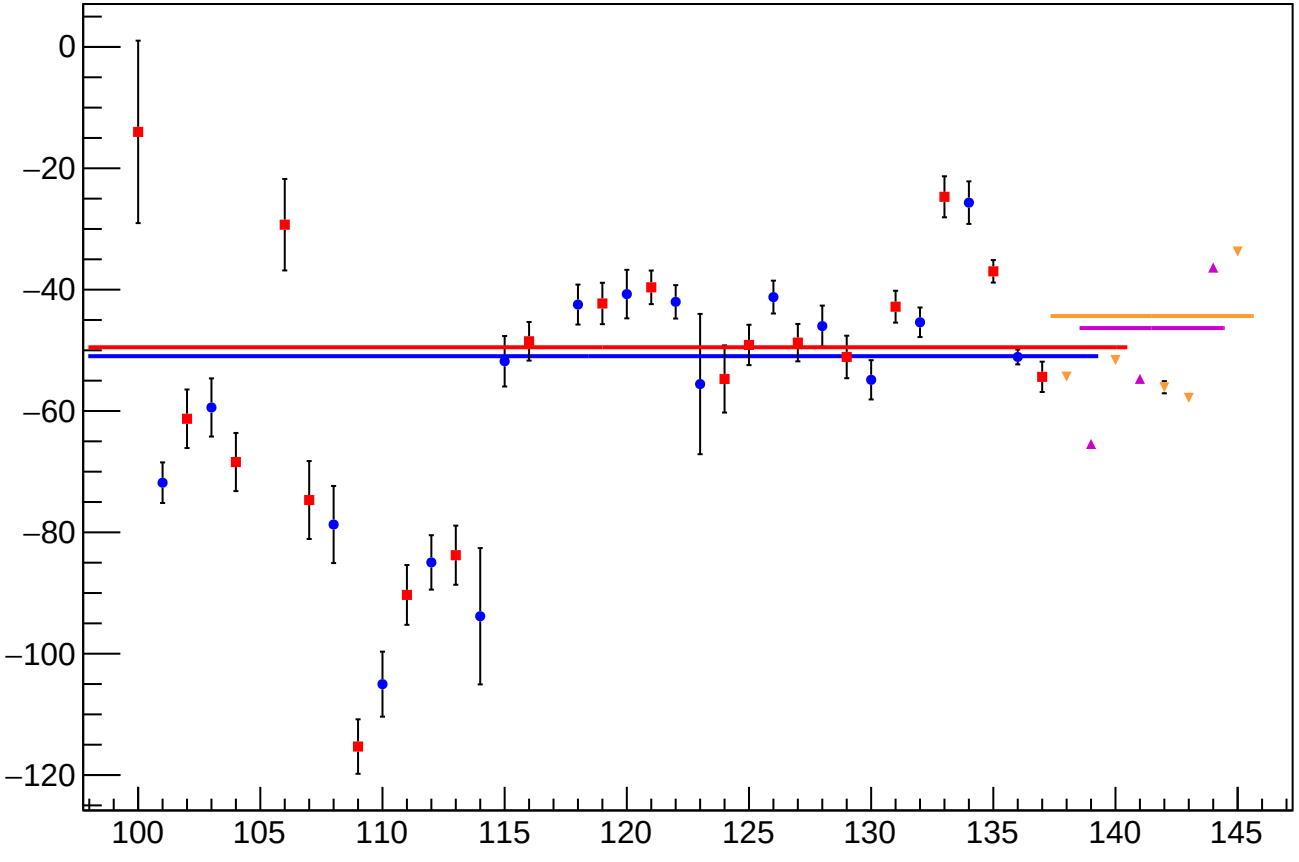
Left In: 4.253+/-0.243 χ^2/NDF:605.9/2

+ sign 5.247+/-0.177 χ^2/NDF: 1486.7/21

All: 5.014+/-0.136 χ^2/NDF: 3621.8/43

- sign 4.680+/-0.212 χ^2/NDF: 2130.9/21

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -44.351+/-0.270 χ^2/NDF:1500.9/4

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

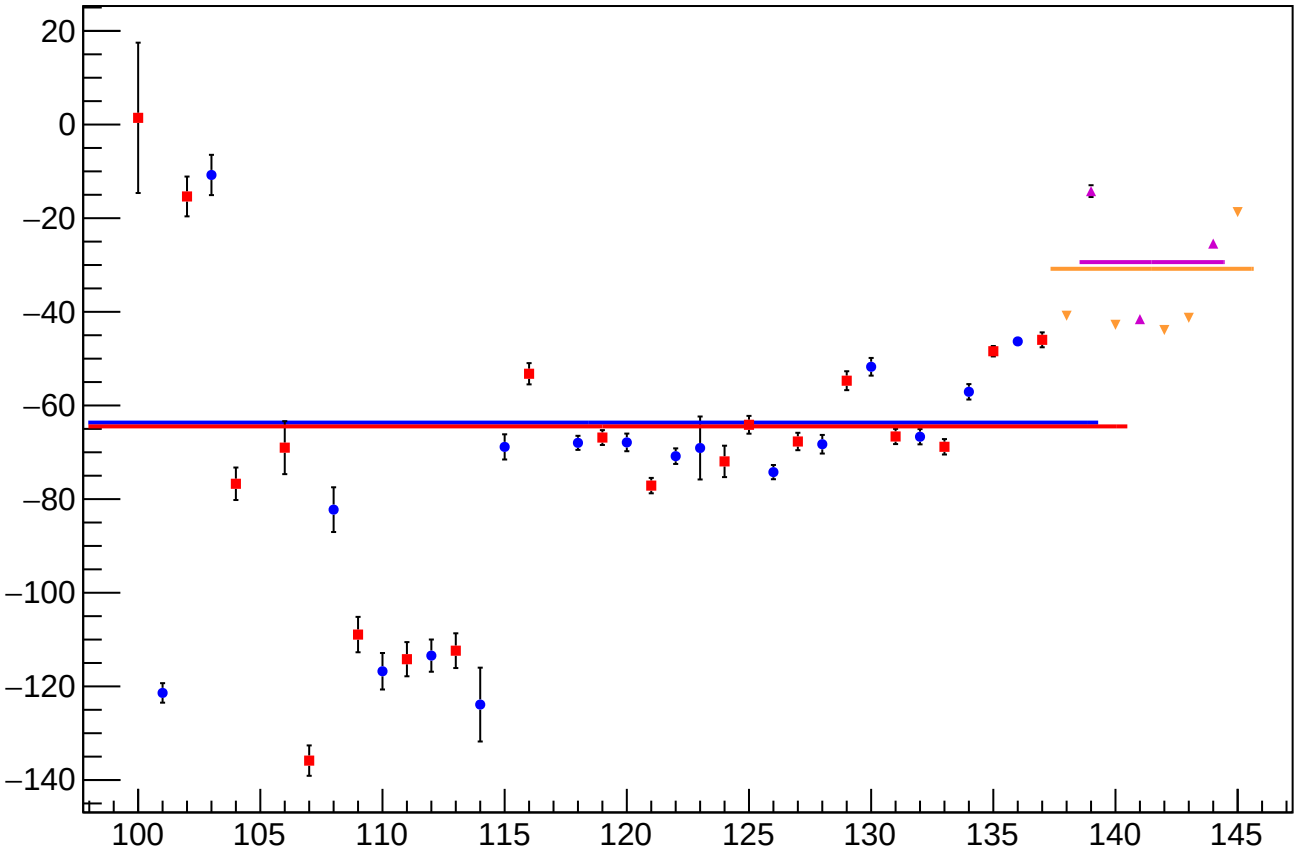
Left In: -46.332+/-0.335 χ^2/NDF:1258.6/2

+ sign -45.130+/-0.253 χ^2/NDF: 1904.5/21

All: -45.804+/-0.196 χ^2/NDF: 3704.5/43

- sign -46.808+/-0.309 χ^2/NDF: 1782.4/21

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -30.808+/-0.233 χ^2/NDF:2565.6/4

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

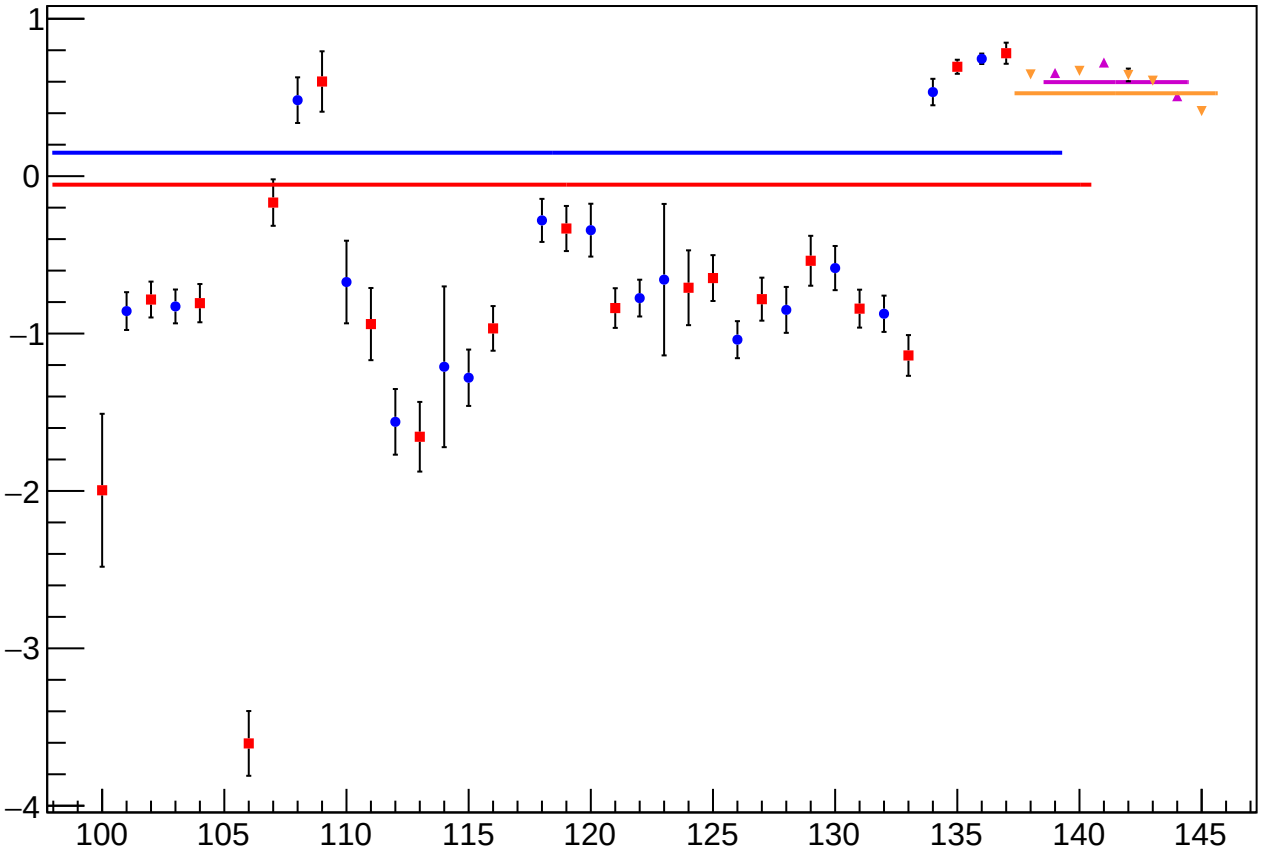
Left In: -29.380+/-0.287 χ^2/NDF:775.9/2

+ sign -37.848+/-0.206 χ^2/NDF: 8854.3/21

All: -38.146+/-0.158 χ^2/NDF: 15145.5/43

- sign -38.572+/-0.247 χ^2/NDF: 6286.2/21

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.527+/-0.011 χ^2/NDF:115.2/4

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

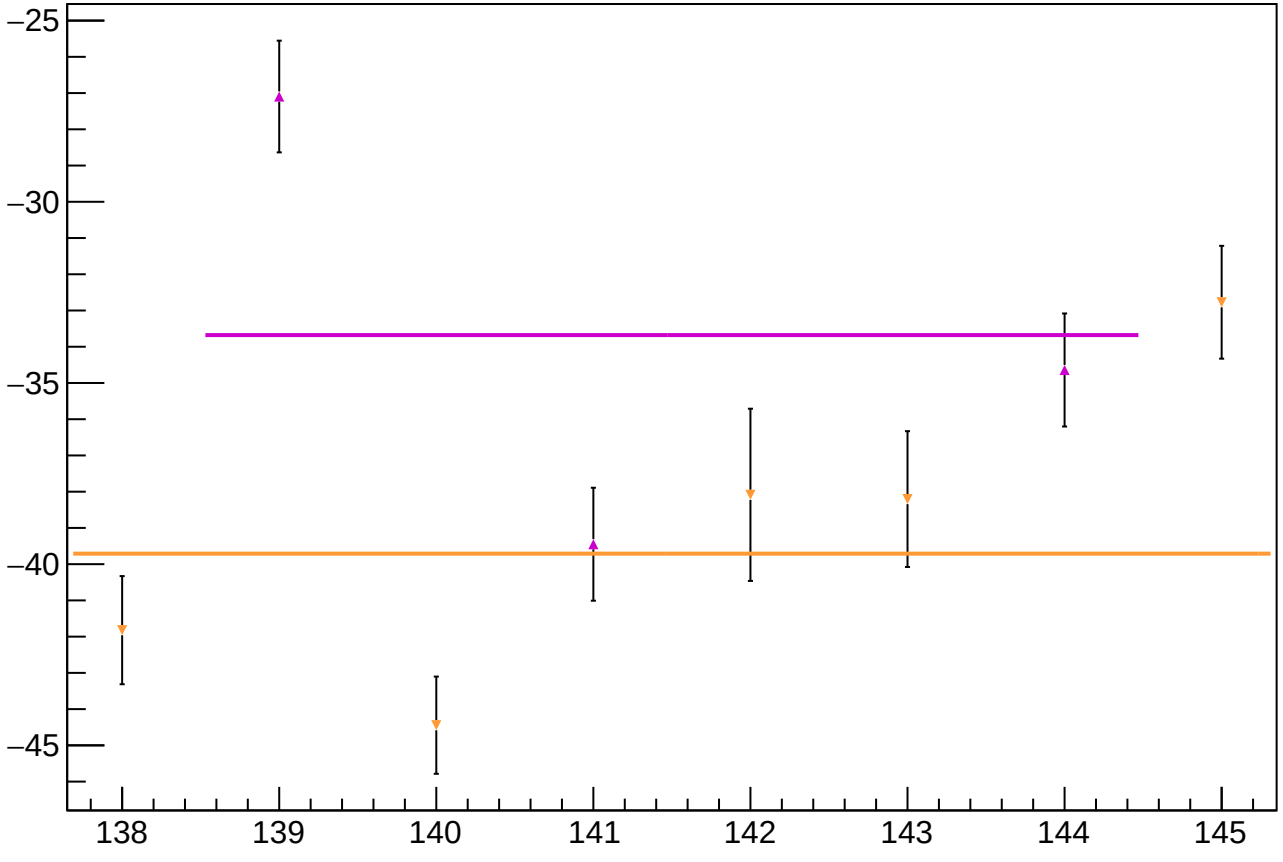
Left In: 0.598+/-0.014 χ^2/NDF:47.1/2

+ sign 0.462+/-0.010 χ^2/NDF: 1311.2/21

All: 0.461+/-0.008 χ^2/NDF: 3013.1/43

- sign 0.459+/-0.012 χ^2/NDF: 1701.8/21

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -39.710+/-0.729 χ^2/NDF:35.4/4

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

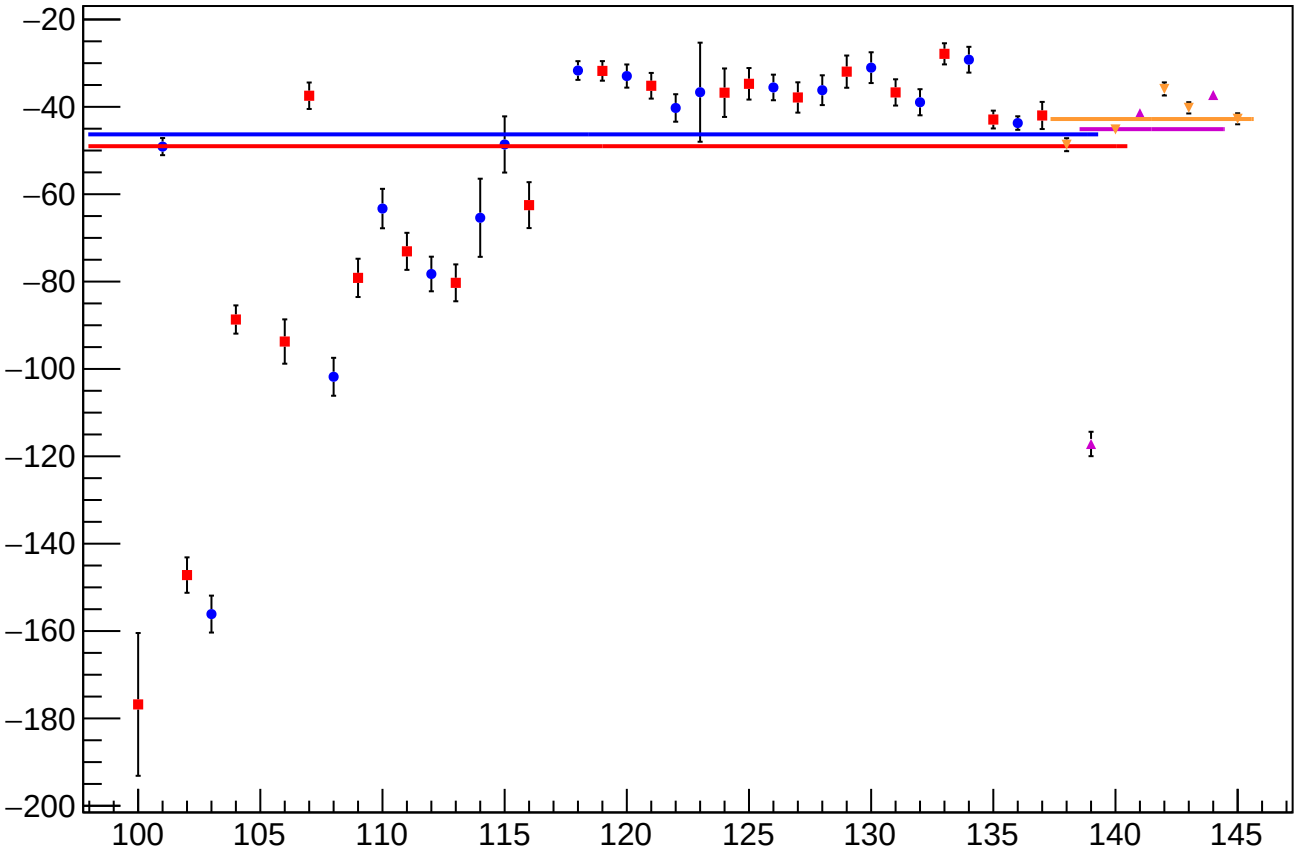
Left In: -33.679+/-0.897 χ^2/NDF:32.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -37.308+/-0.566 χ^2/NDF: 95.0/7

- 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: -42.788+/-0.582 χ^2/NDF:45.4/4

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

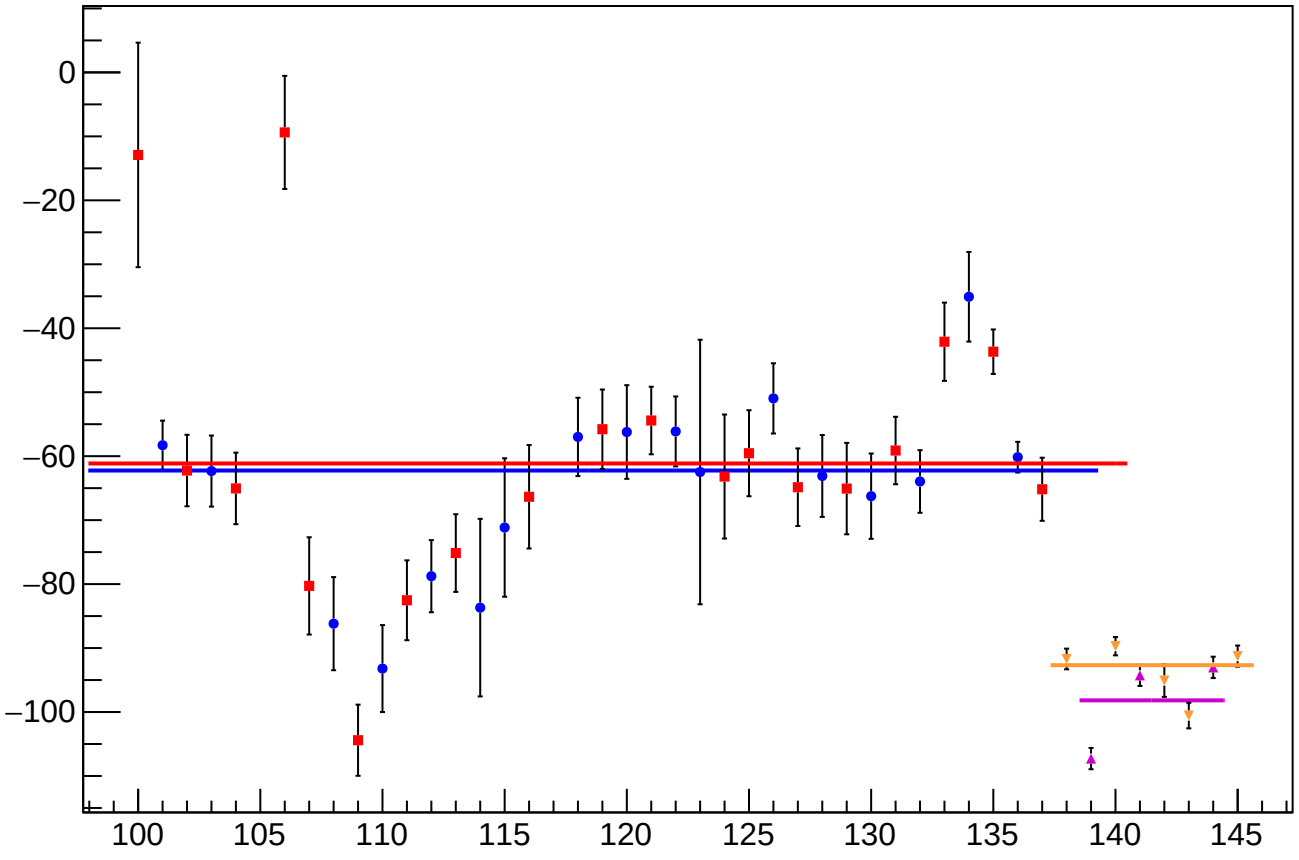
Left In: -45.107+/-0.757 χ^2/NDF:726.2/2

+ sign -44.168+/-0.453 χ^2/NDF: 1143.7/21

All: -45.361+/-0.347 χ^2/NDF: 3171.4/43

- sign -47.041+/-0.538 χ^2/NDF: 2011.0/21

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -92.678+/-0.780 χ^2/NDF:21.8/4

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

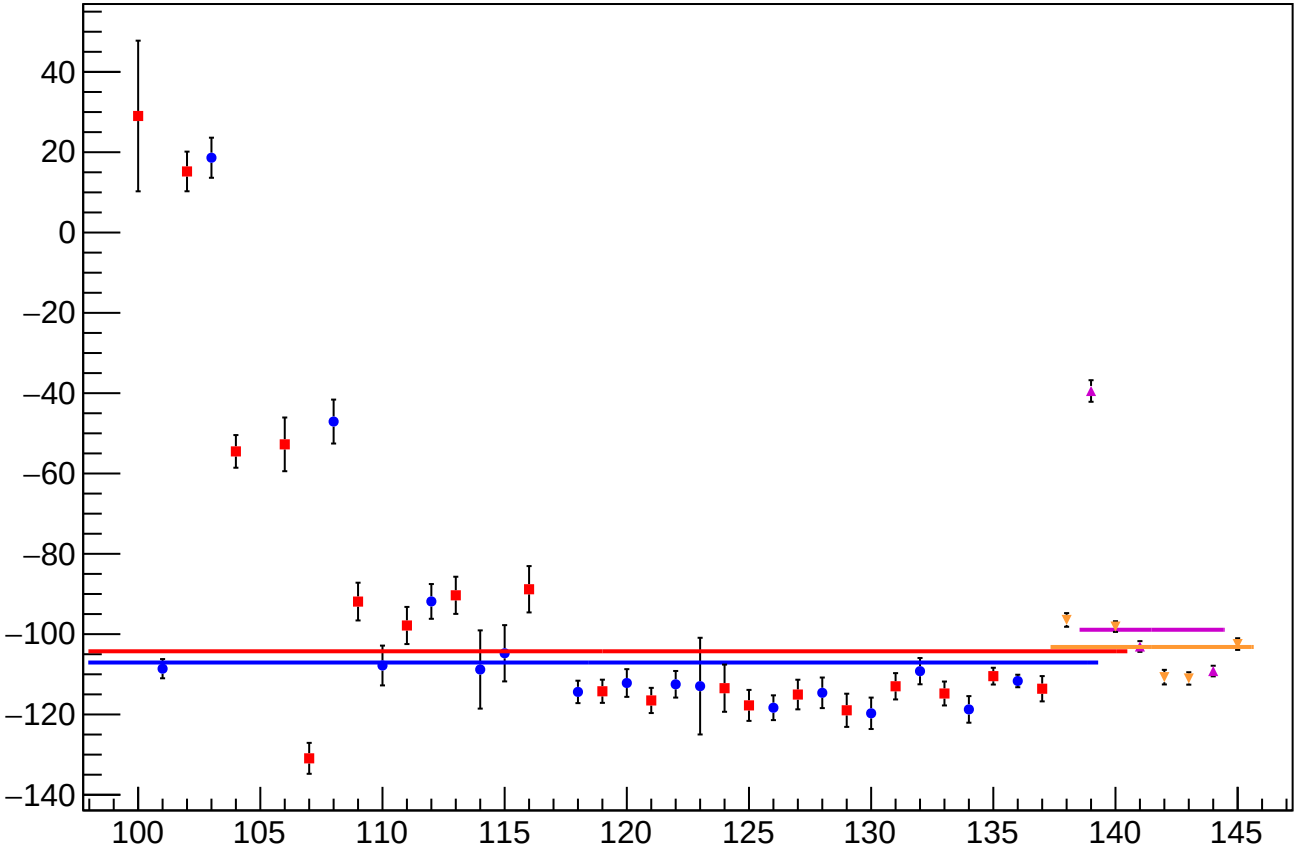
Left In: -98.177+/-0.961 χ^2/NDF:44.9/2

+ sign -84.707+/-0.671 χ^2/NDF: 487.6/21

All: -85.280+/-0.511 χ^2/NDF: 1185.0/43

- sign -86.072+/-0.789 χ^2/NDF: 695.7/21

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -103.194+/-0.689 χ^2/NDF:73.2/4

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

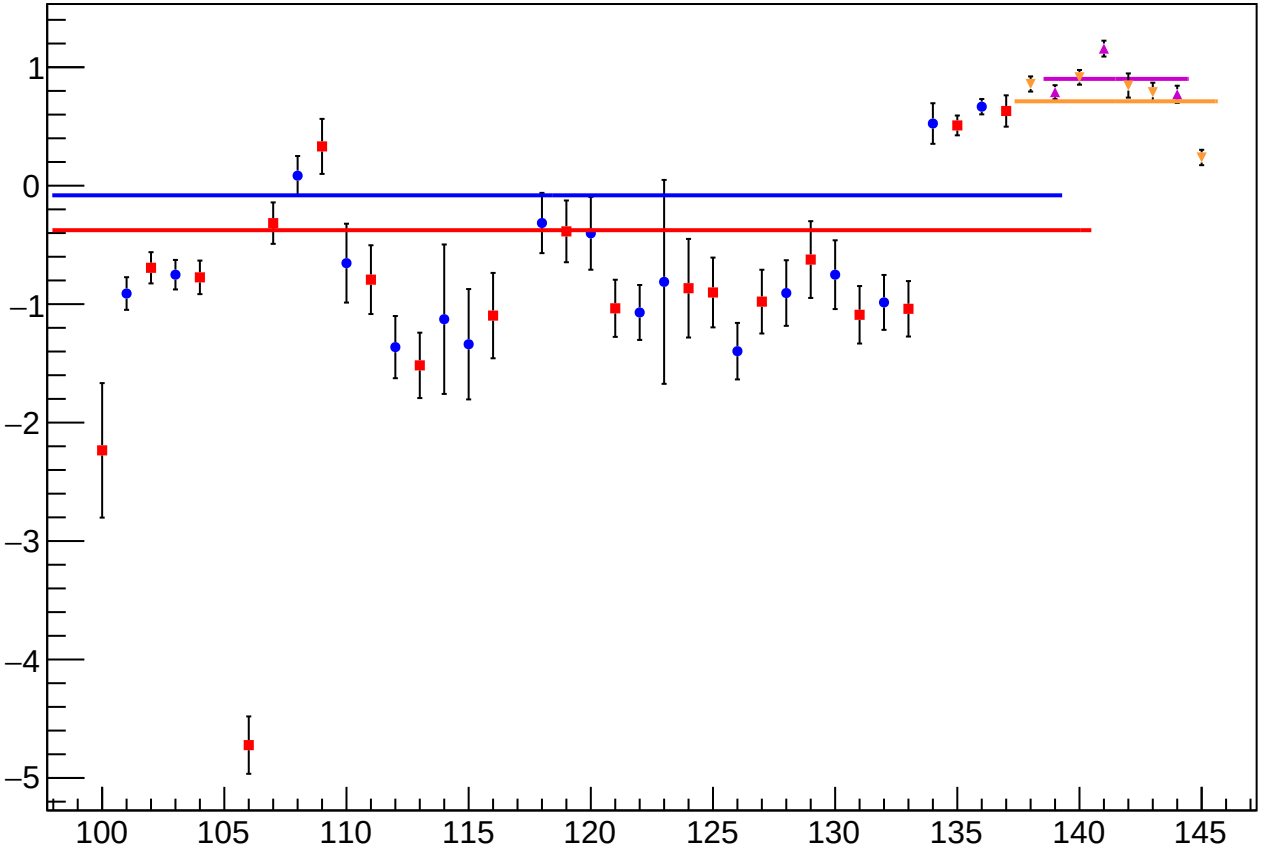
Left In: -98.908+/-0.887 χ^2/NDF:559.1/2

+ sign -104.817+/-0.525 χ^2/NDF: 914.8/21

All: -103.496+/-0.400 χ^2/NDF: 2526.4/43

- sign -101.669+/-0.618 χ^2/NDF: 1596.6/21

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.712+/-0.032 χ^2/NDF:71.9/4

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

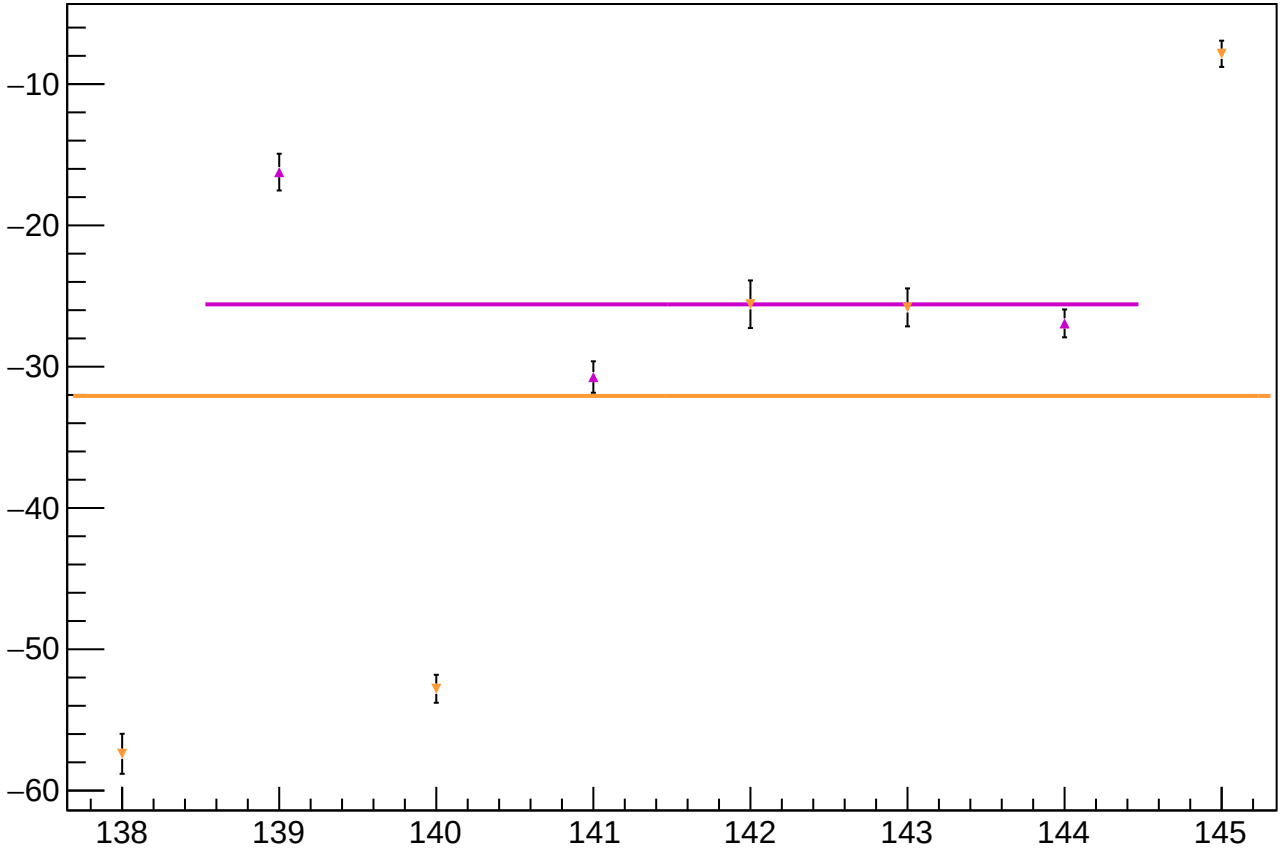
Left In: 0.902+/-0.038 χ^2/NDF:21.4/2

+ sign 0.425+/-0.025 χ^2/NDF: 627.0/21

All: 0.396+/-0.019 χ^2/NDF: 1720.9/43

- sign 0.358+/-0.029 χ^2/NDF: 1090.8/21

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -32.068+/-0.528 χ^2/NDF:1474.2/4

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

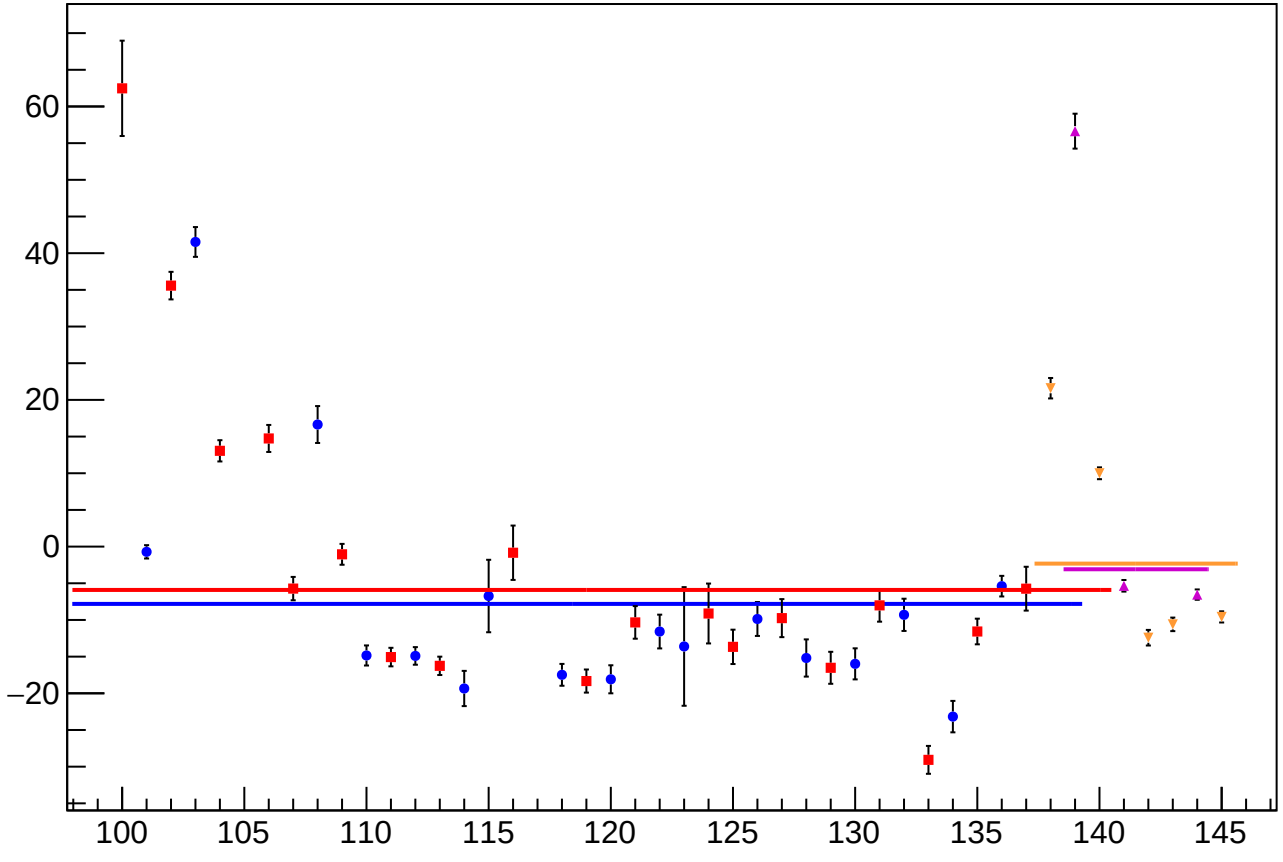
Left In: -25.588+/-0.642 χ^2/NDF:75.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -29.453+/-0.408 χ^2/NDF: 1610.0/7

- 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: -2.320+/-0.414 χ^2/NDF:788.0/4

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

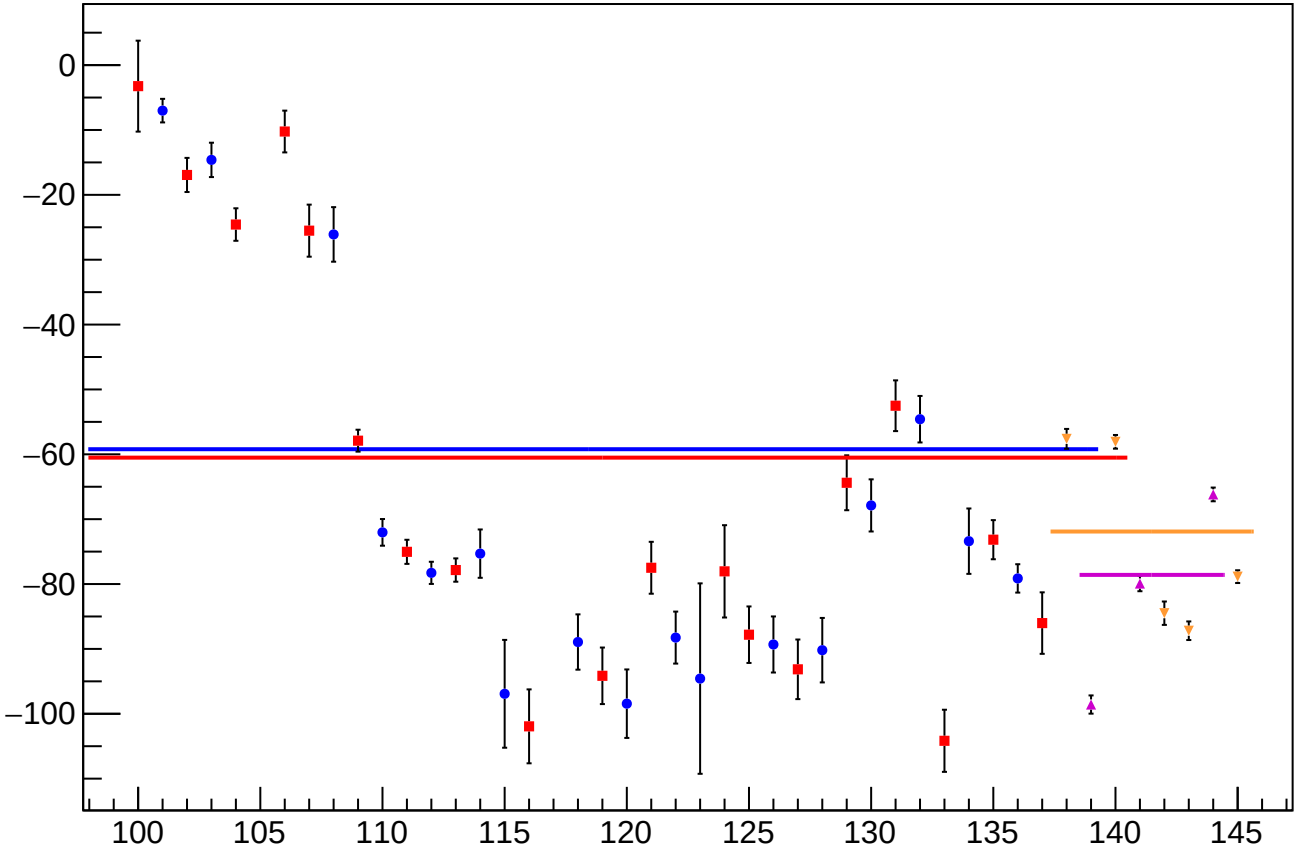
Left In: -3.091+/-0.514 χ^2/NDF:661.5/2

+ sign -4.981+/-0.297 χ^2/NDF: 1855.9/21

All: -4.878+/-0.221 χ^2/NDF: 3828.5/43

- sign -4.751+/-0.329 χ^2/NDF: 1972.3/21

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -71.904+/-0.563 χ^2/NDF:471.3/4

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

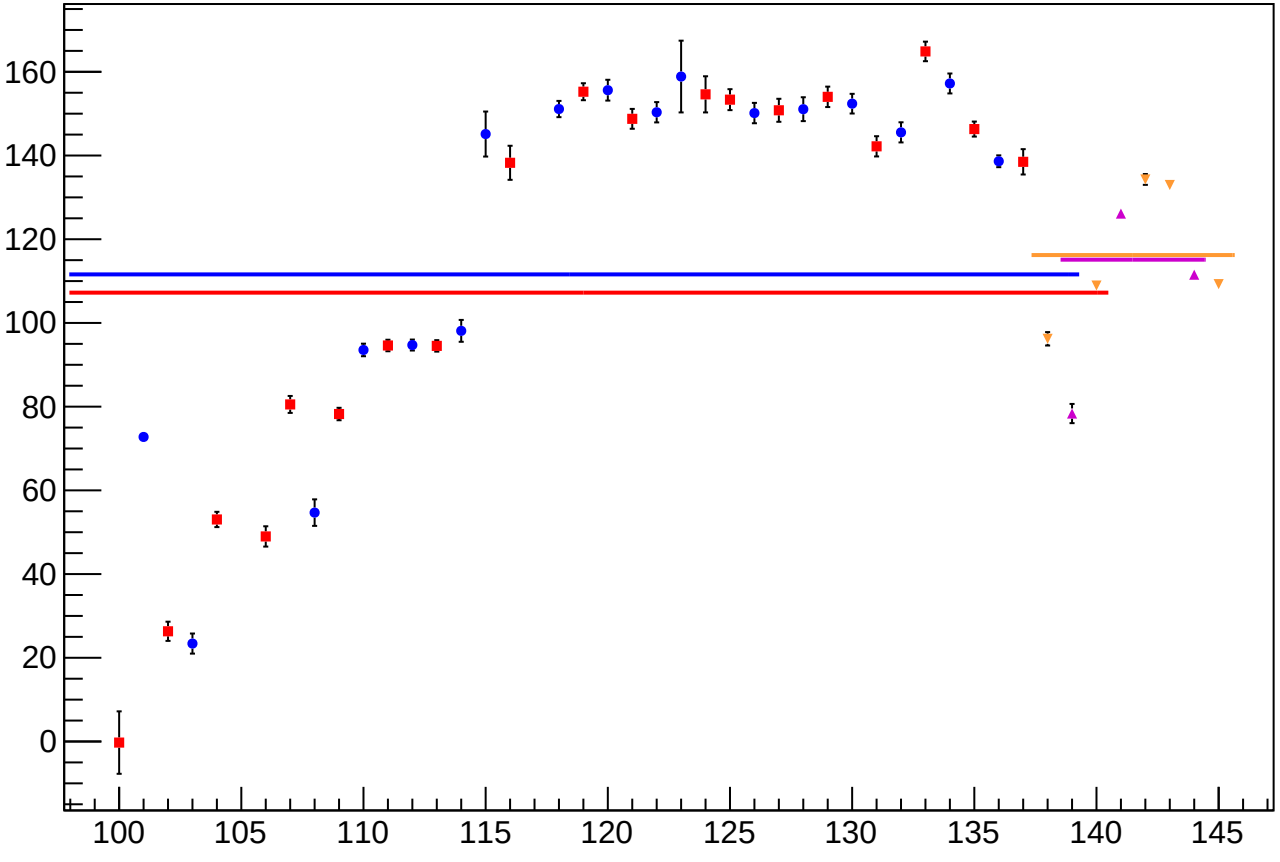
Left In: -78.589+/-0.688 χ^2/NDF:341.4/2

+ sign -67.279+/-0.449 χ^2/NDF: 2376.8/21

All: -68.409+/-0.332 χ^2/NDF: 4453.3/43

- sign -69.766+/-0.492 χ^2/NDF: 2062.6/21

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 116.220+/-0.491 χ^2/NDF:698.5/4

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

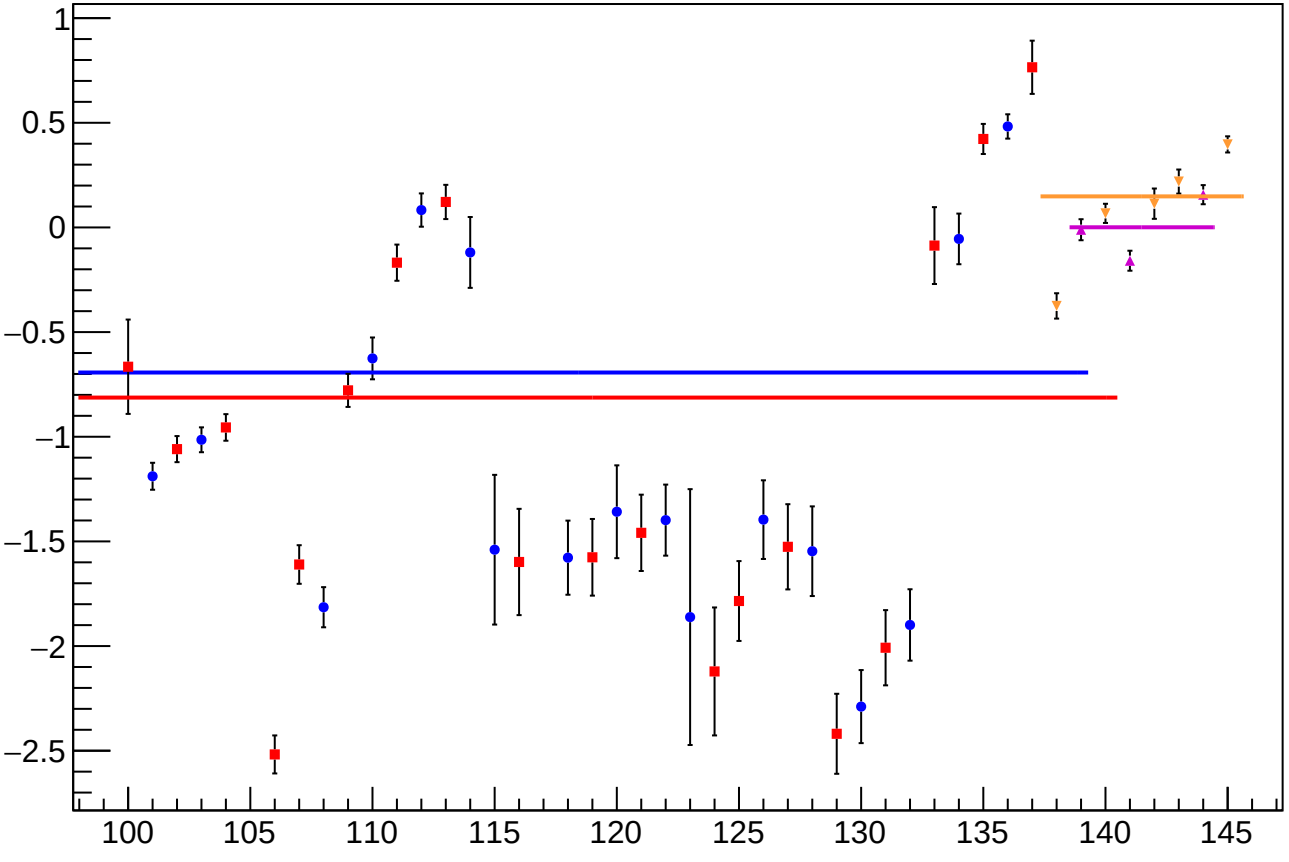
Left In: 115.115+/-0.606 χ^2/NDF:408.5/2

+ sign 113.890+/-0.345 χ^2/NDF: 6702.8/21

All: 112.281+/-0.256 χ^2/NDF: 14299.2/43

- sign 110.335+/-0.380 χ^2/NDF: 7548.5/21

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: 0.148+/-0.023 χ^2/NDF:120.9/4

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

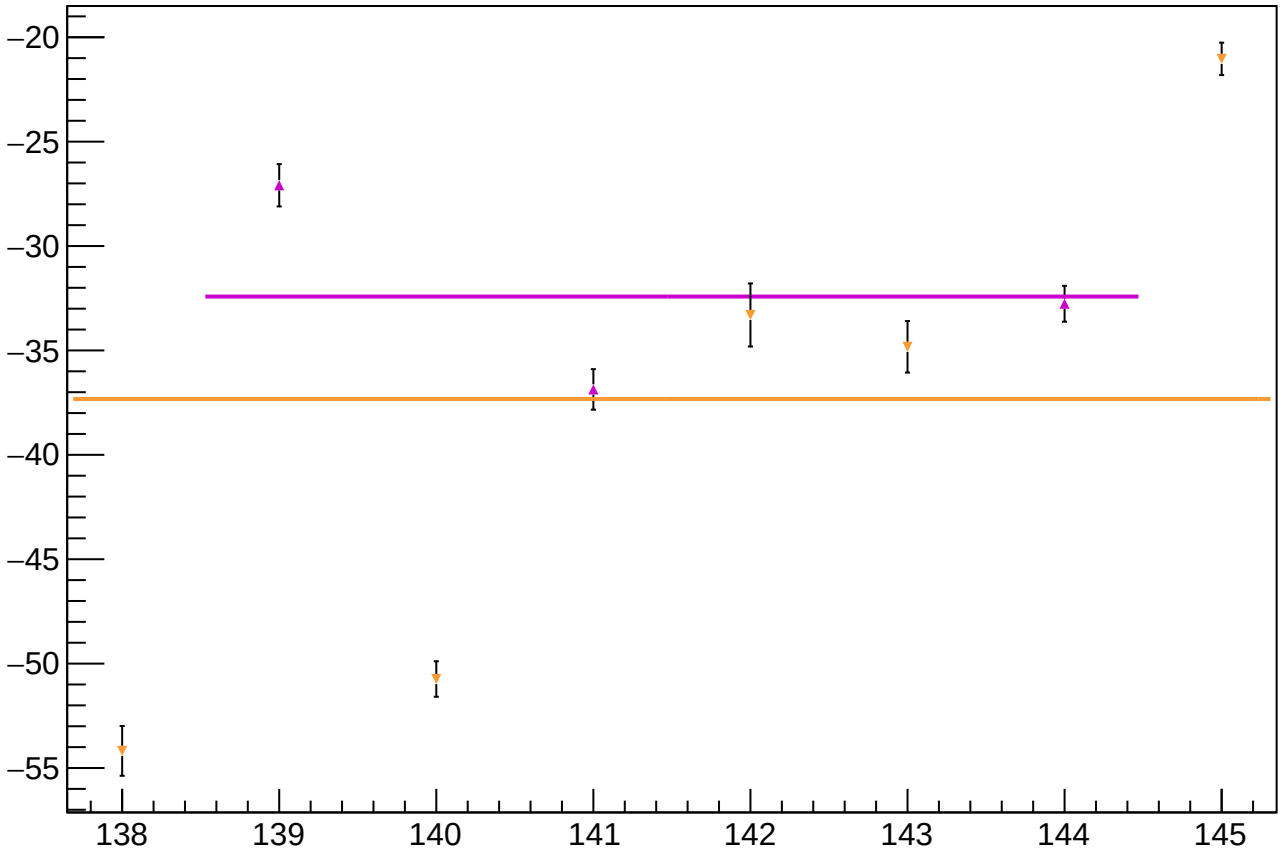
Left In: 0.001+/-0.028 χ^2/NDF:22.9/2

+ sign -0.222+/-0.017 χ^2/NDF: 1710.5/21

All: -0.332+/-0.012 χ^2/NDF: 3621.3/43

- sign -0.457+/-0.018 χ^2/NDF: 1822.9/21

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -37.325+/-0.455 χ^2/NDF:899.4/4

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

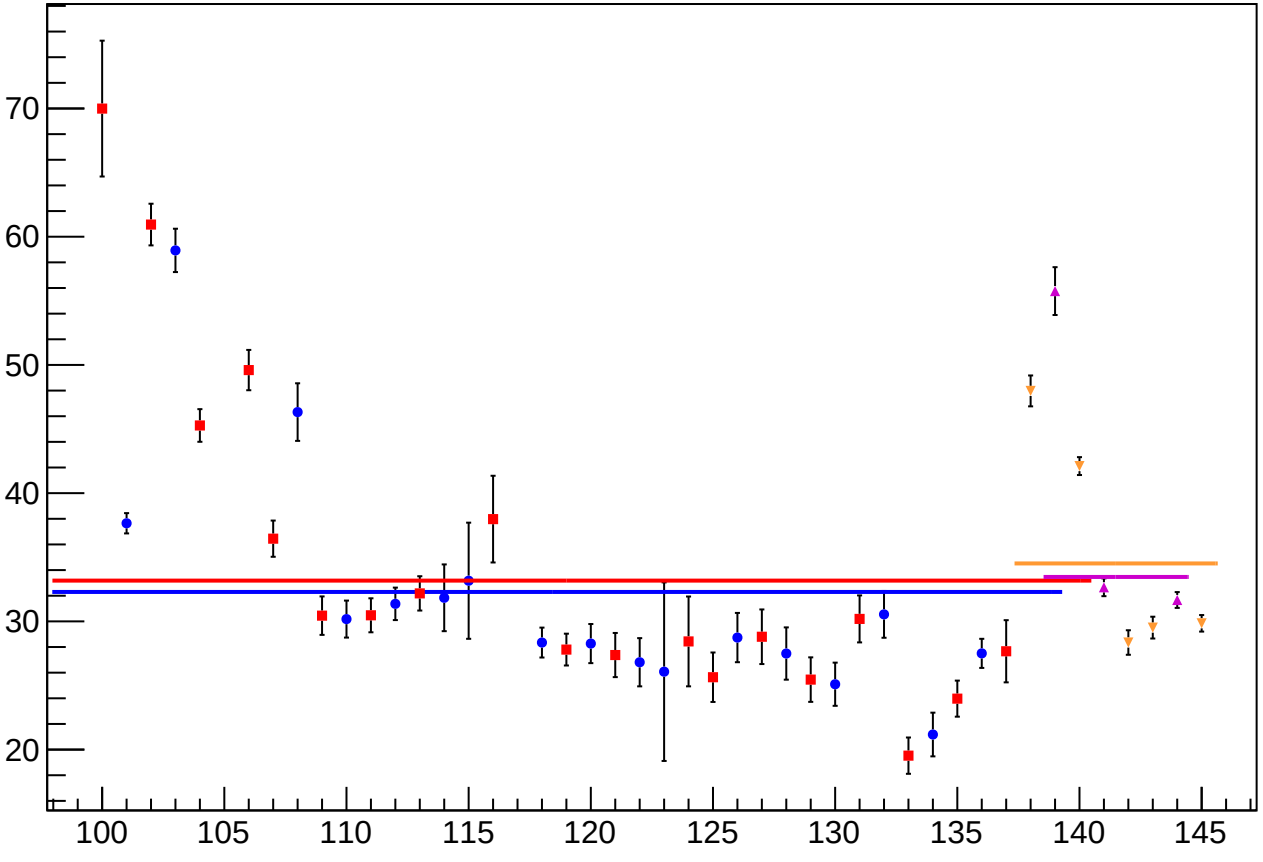
Left In: -32.419+/-0.543 χ^2/NDF:48.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.304+/-0.349 χ^2/NDF: 996.1/7

- 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: 34.518+/-0.362 χ^2/NDF:372.0/4

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

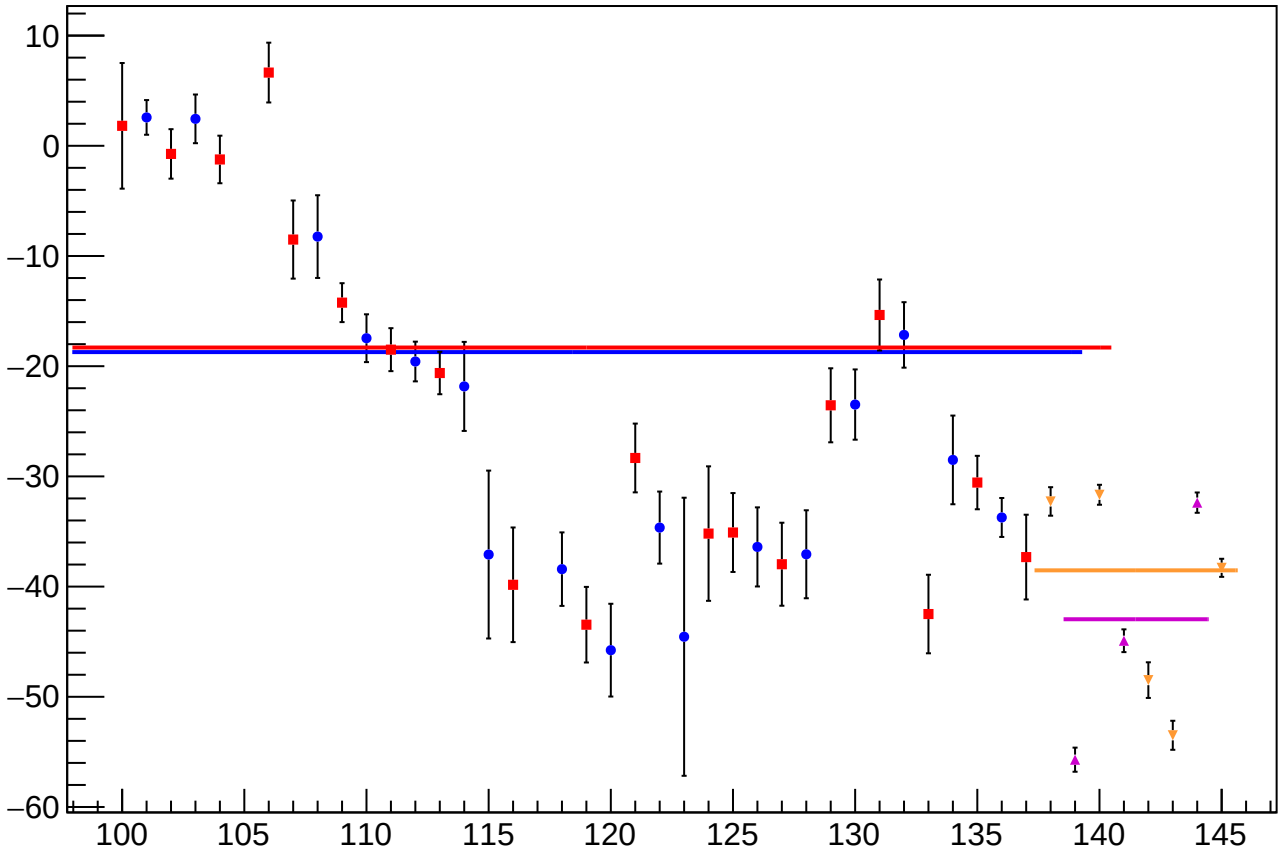
Left In: 33.465+/-0.447 χ^2/NDF:152.7/2

+ sign 33.438+/-0.260 χ^2/NDF: 842.5/21

All: 33.376+/-0.193 χ^2/NDF: 1765.9/43

- sign 33.299+/-0.289 χ^2/NDF: 923.2/21

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -38.525+/-0.484 χ^2/NDF:247.9/4

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

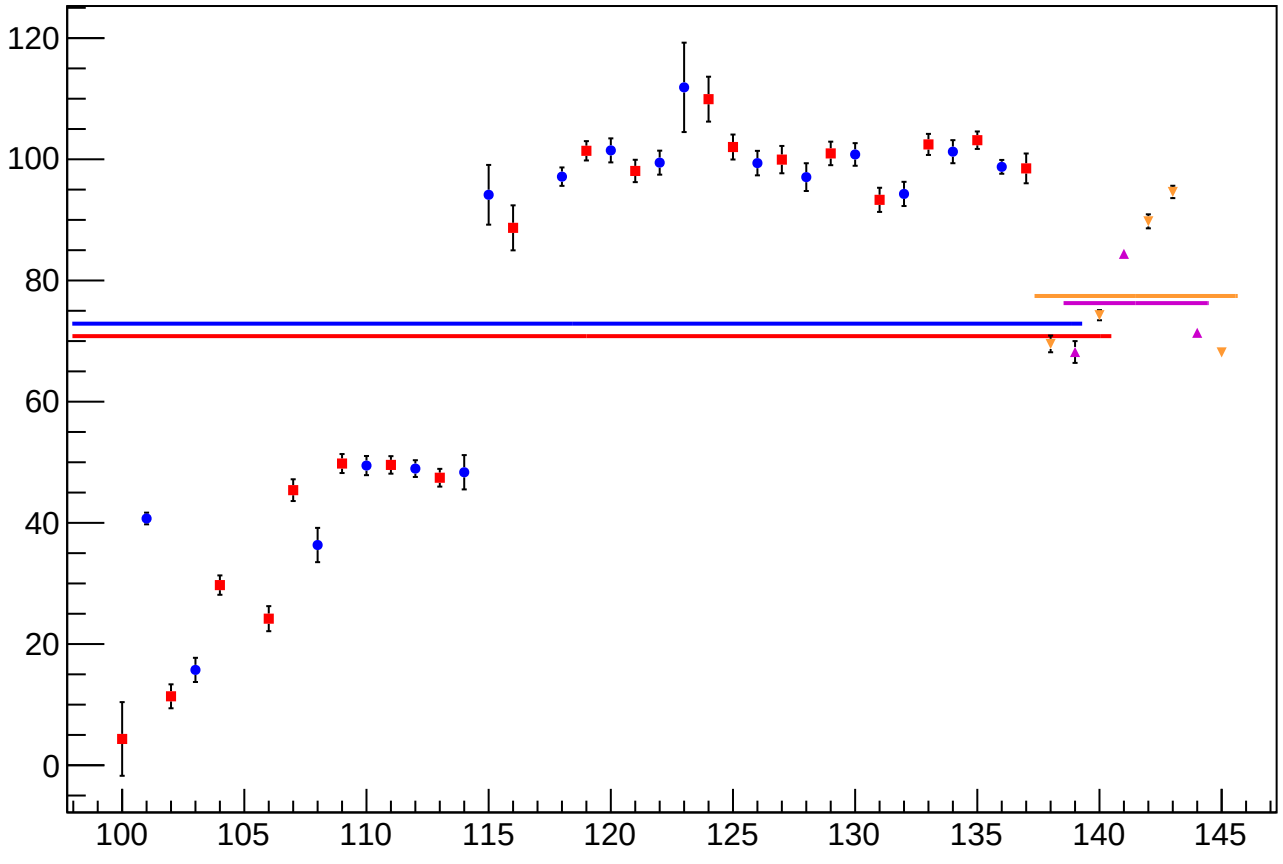
Left In: -42.963+/-0.582 χ^2/NDF:271.3/2

+ sign -31.668+/-0.392 χ^2/NDF: 1346.7/21

All: -31.759+/-0.290 χ^2/NDF: 2898.3/43

- sign -31.870+/-0.432 χ^2/NDF: 1551.5/21

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 77.443+/-0.427 χ^2/NDF:602.1/4

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

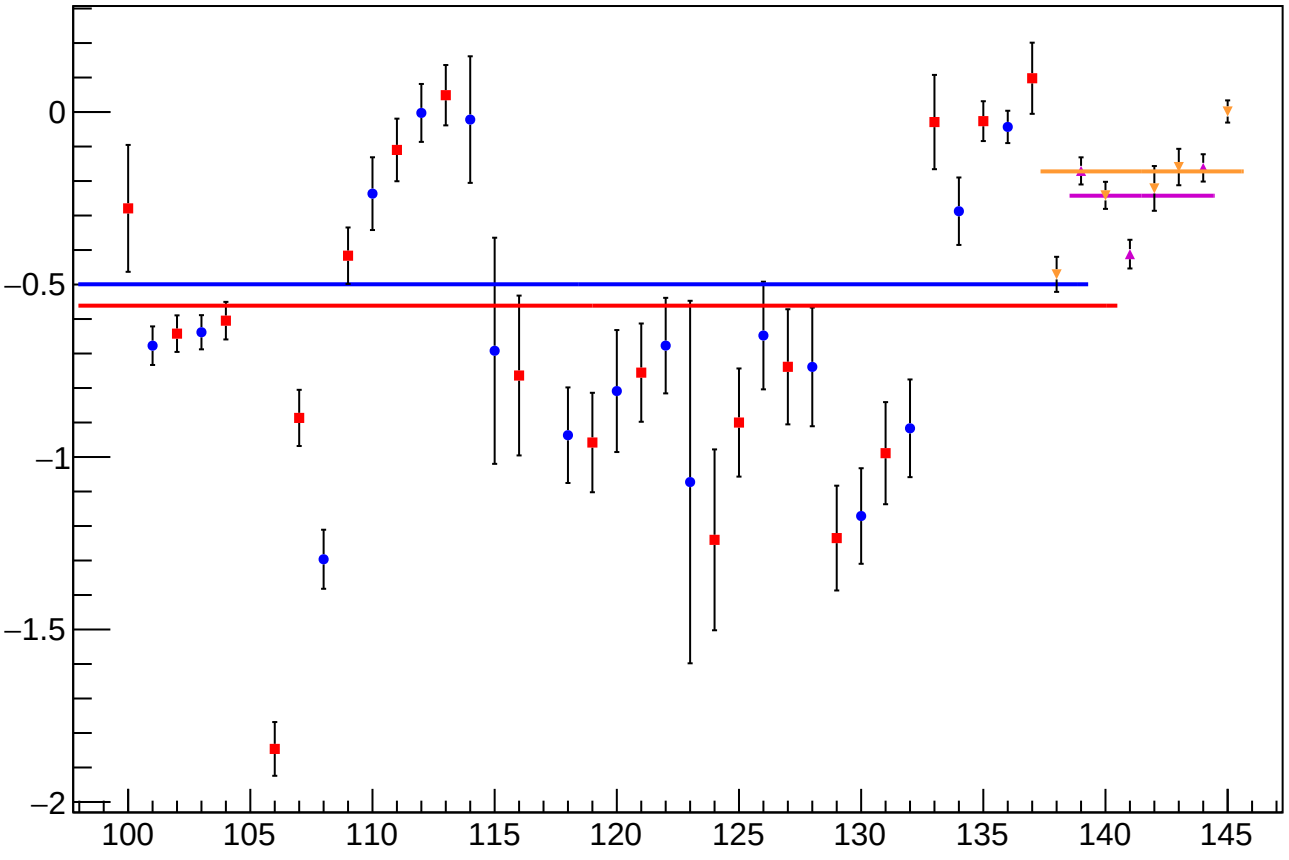
Left In: 76.267+/-0.524 χ^2/NDF:160.7/2

+ sign 75.151+/-0.302 χ^2/NDF: 5397.4/21

All: 74.197+/-0.224 χ^2/NDF: 11133.9/43

- sign 73.026+/-0.334 χ^2/NDF: 5714.2/21

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.172+/-0.020 χ^2/NDF:67.4/4

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

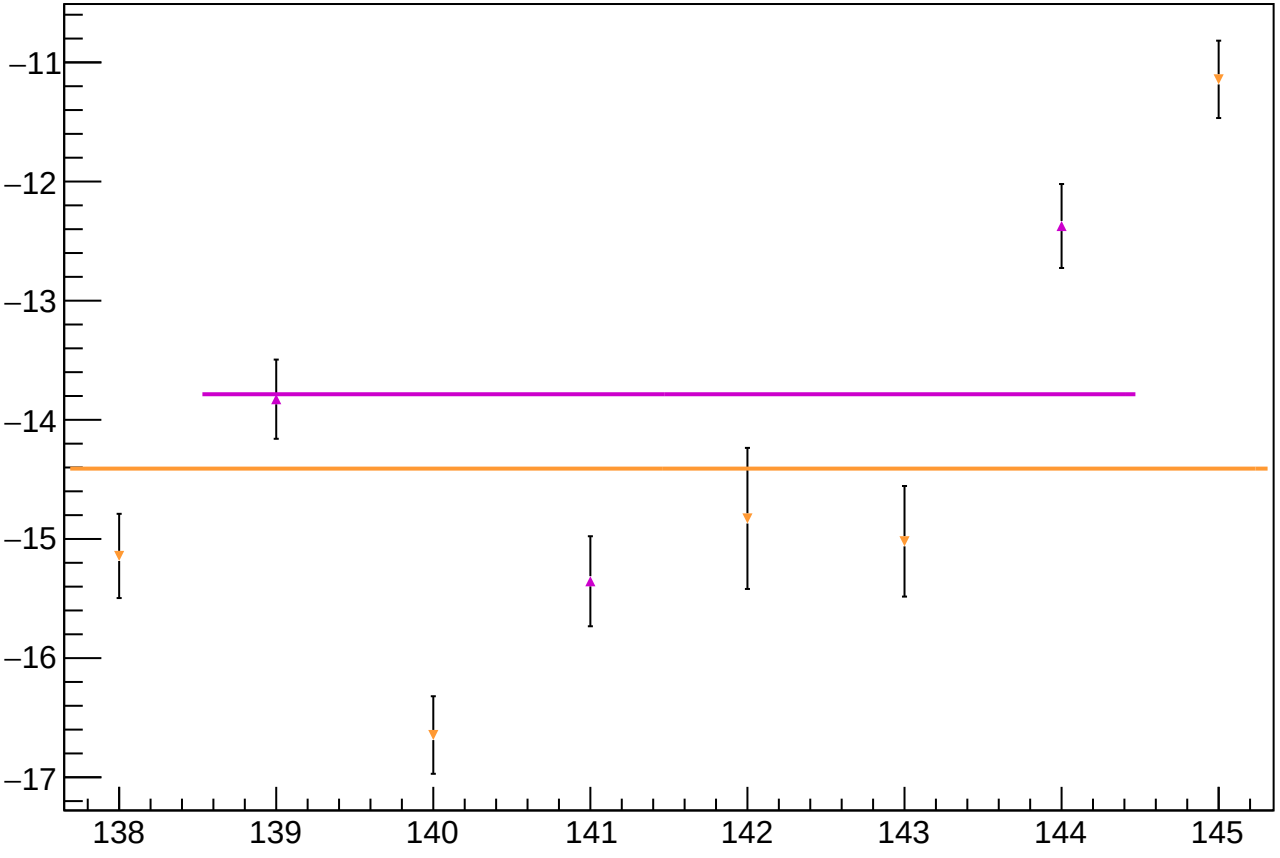
Left In: -0.243+/-0.023 χ^2/NDF:24.1/2

+ sign -0.315+/-0.015 χ^2/NDF: 492.3/21

All: -0.361+/-0.011 χ^2/NDF: 1202.2/43

- sign -0.415+/-0.016 χ^2/NDF: 688.5/21

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: -14.409+/-0.170 χ^2/NDF:155.0/4

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

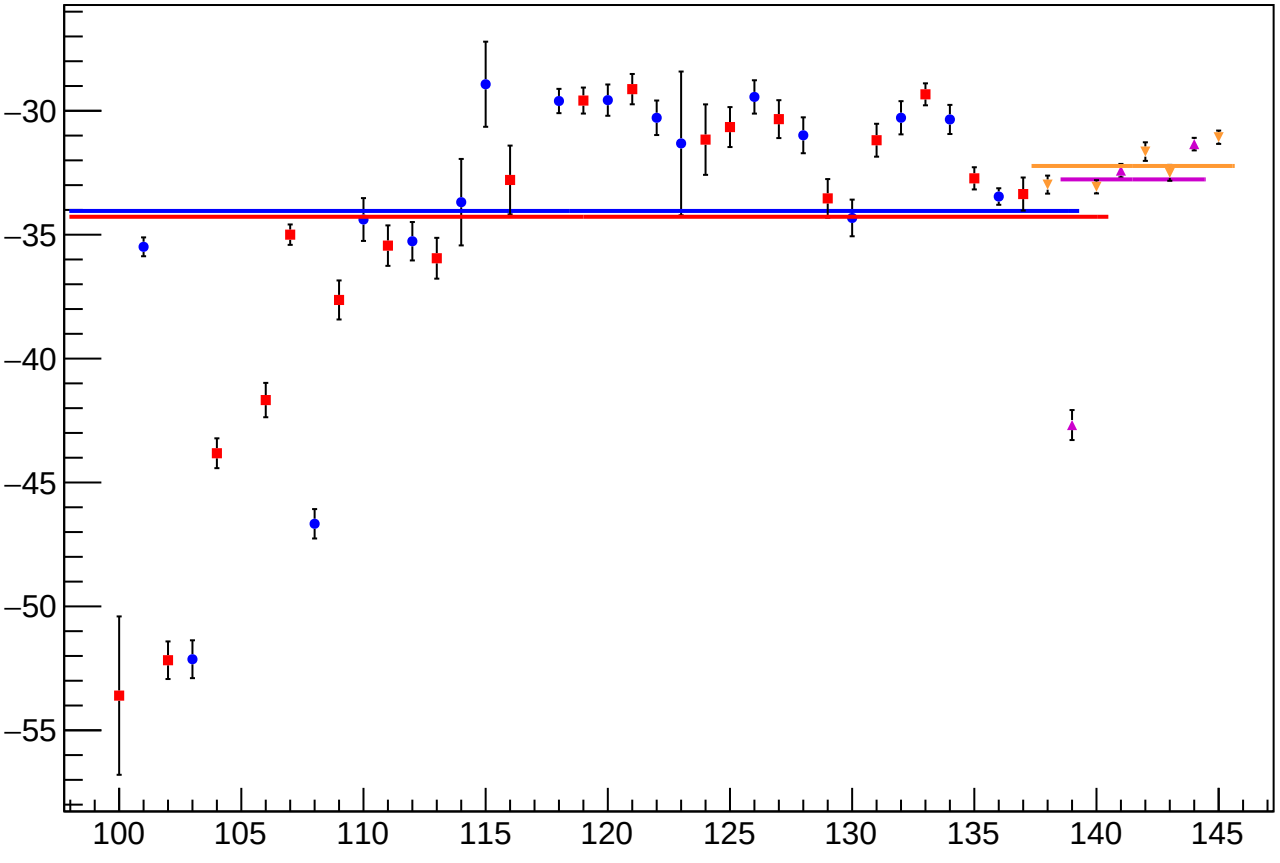
Left In: -13.785+/-0.204 χ^2/NDF:33.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.152+/-0.131 χ^2/NDF: 193.9/7

- 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: -32.226+/-0.138 χ^2/NDF:35.8/4

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

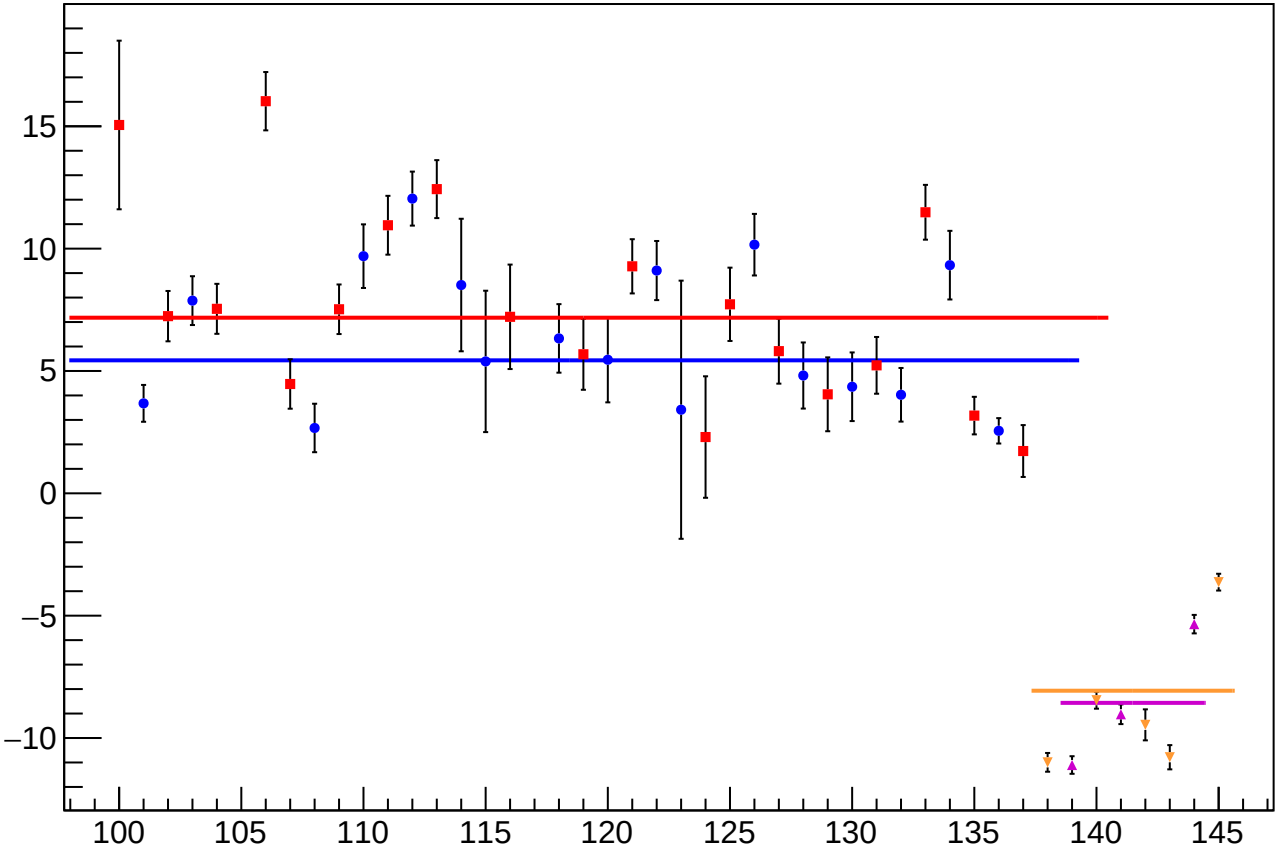
Left In: -32.768+/-0.177 χ^2/NDF:301.4/2

+ sign -33.057+/-0.102 χ^2/NDF: 1455.3/21

All: -33.315+/-0.076 χ^2/NDF: 3162.8/43

- sign -33.641+/-0.115 χ^2/NDF: 1693.0/21

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: -8.067+/-0.182 χ^2/NDF:261.8/4

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

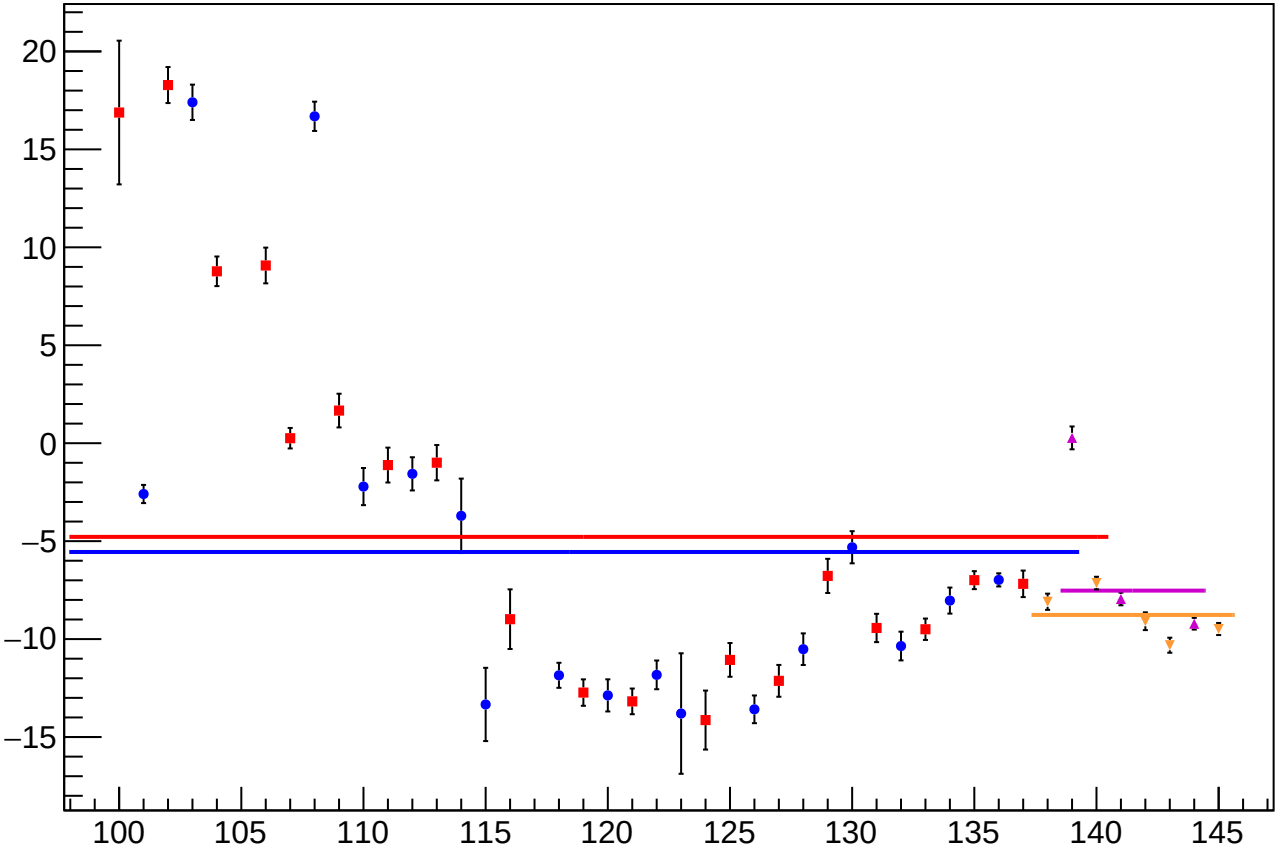
Left In: -8.564+/-0.218 χ^2/NDF:123.9/2

+ sign -3.839+/-0.151 χ^2/NDF: 2117.0/21

All: -3.231+/-0.113 χ^2/NDF: 4476.7/43

- sign -2.451+/-0.171 χ^2/NDF: 2322.6/21

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553+/-0.170 χ^2/NDF: 2125.3/16

Left Out: -8.767+/-0.163 χ^2/NDF:50.2/4

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

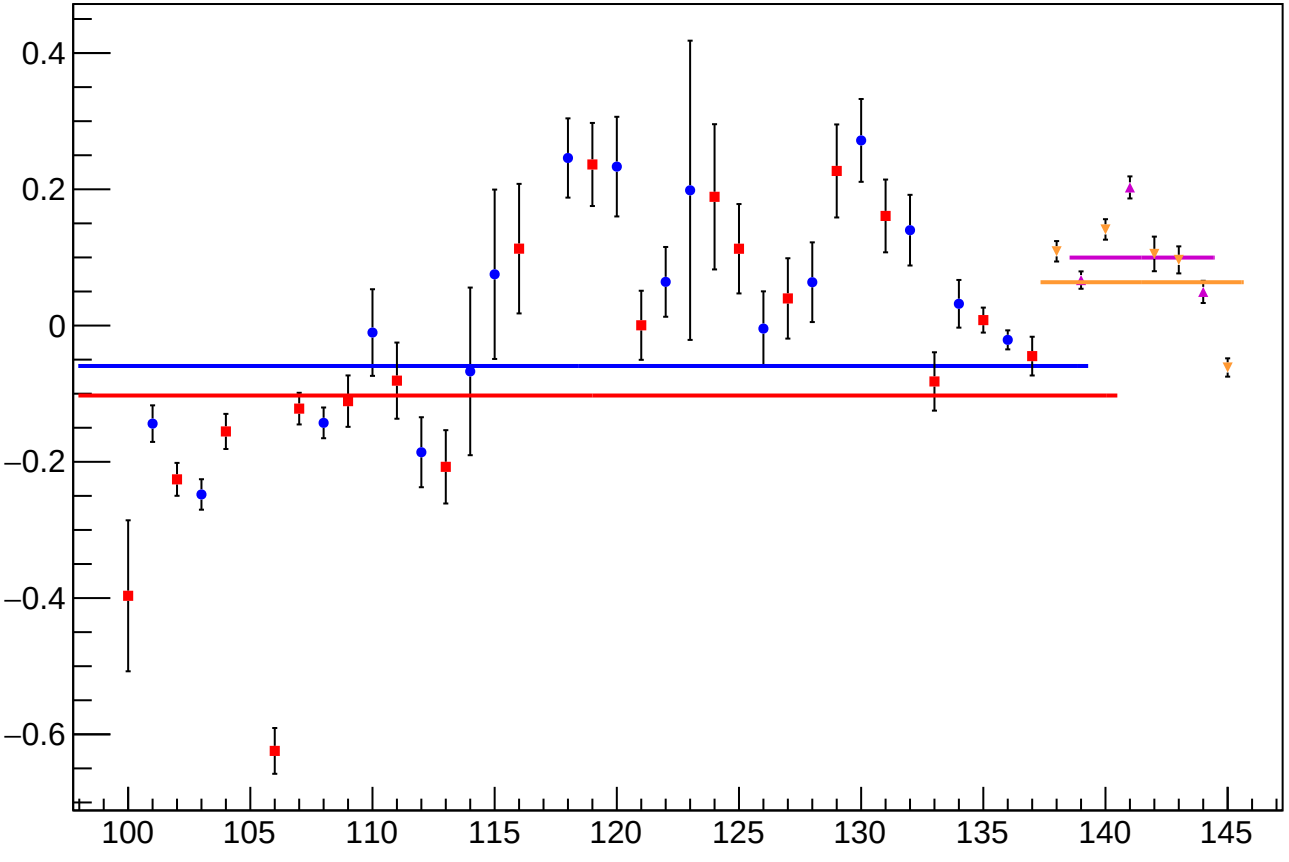
Left In: -7.526+/-0.206 χ^2/NDF:212.2/2

+ sign -7.226+/-0.118 χ^2/NDF: 2361.7/21

All: -6.648+/-0.088 χ^2/NDF: 4773.2/43

- sign -5.917+/-0.132 χ^2/NDF: 2356.8/21

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: 0.064+/-0.007 χ^2/NDF:127.8/4

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

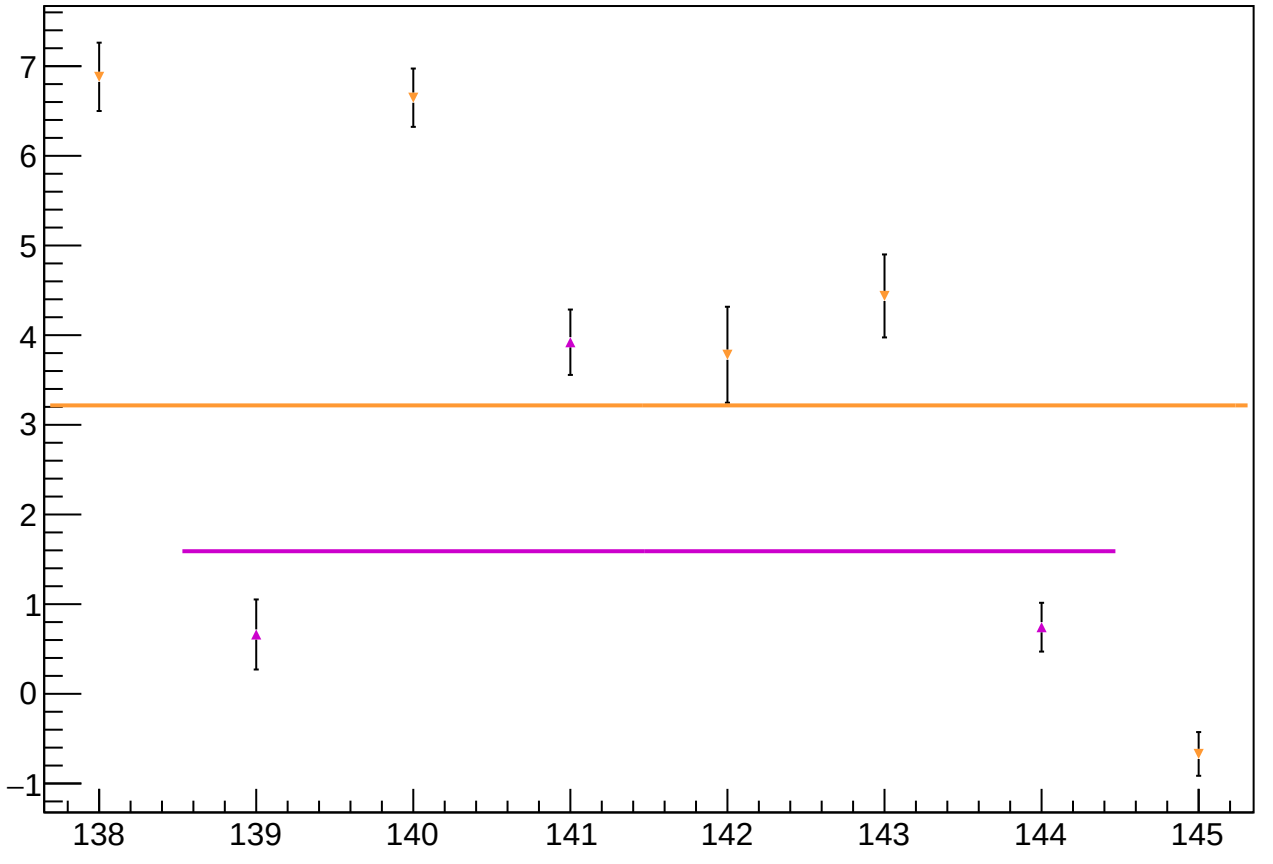
Left In: 0.100+/-0.009 χ^2/NDF:56.7/2

+ sign 0.010+/-0.006 χ^2/NDF: 466.8/21

All: 0.004+/-0.004 χ^2/NDF: 1246.8/43

- sign -0.003+/-0.006 χ^2/NDF: 777.4/21

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: 3.217+/-0.156 χ^2/NDF:465.9/4

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

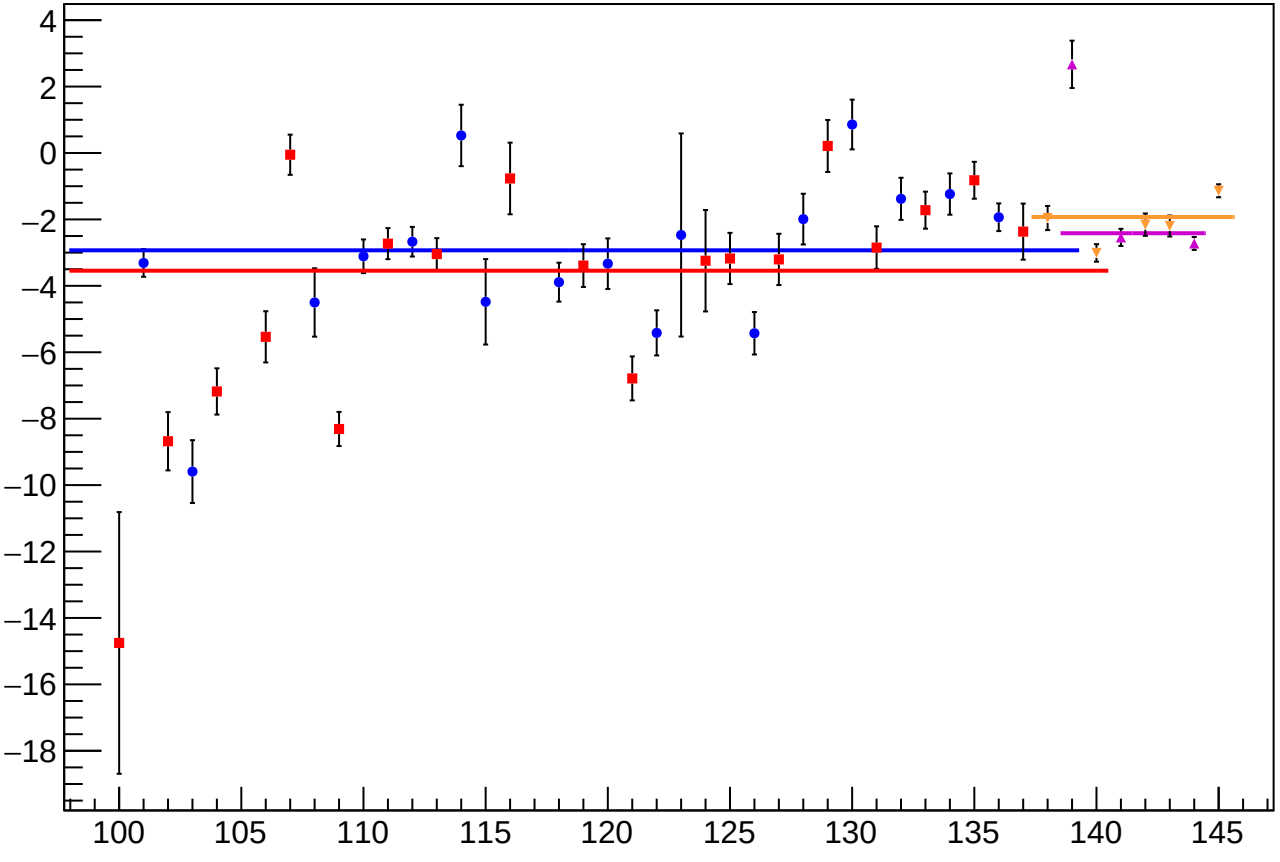
Left In: 1.590+/-0.190 χ^2/NDF:56.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.566+/-0.120 χ^2/NDF: 565.8/7

- 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: -1.927+/-0.123 χ^2/NDF:34.2/4

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

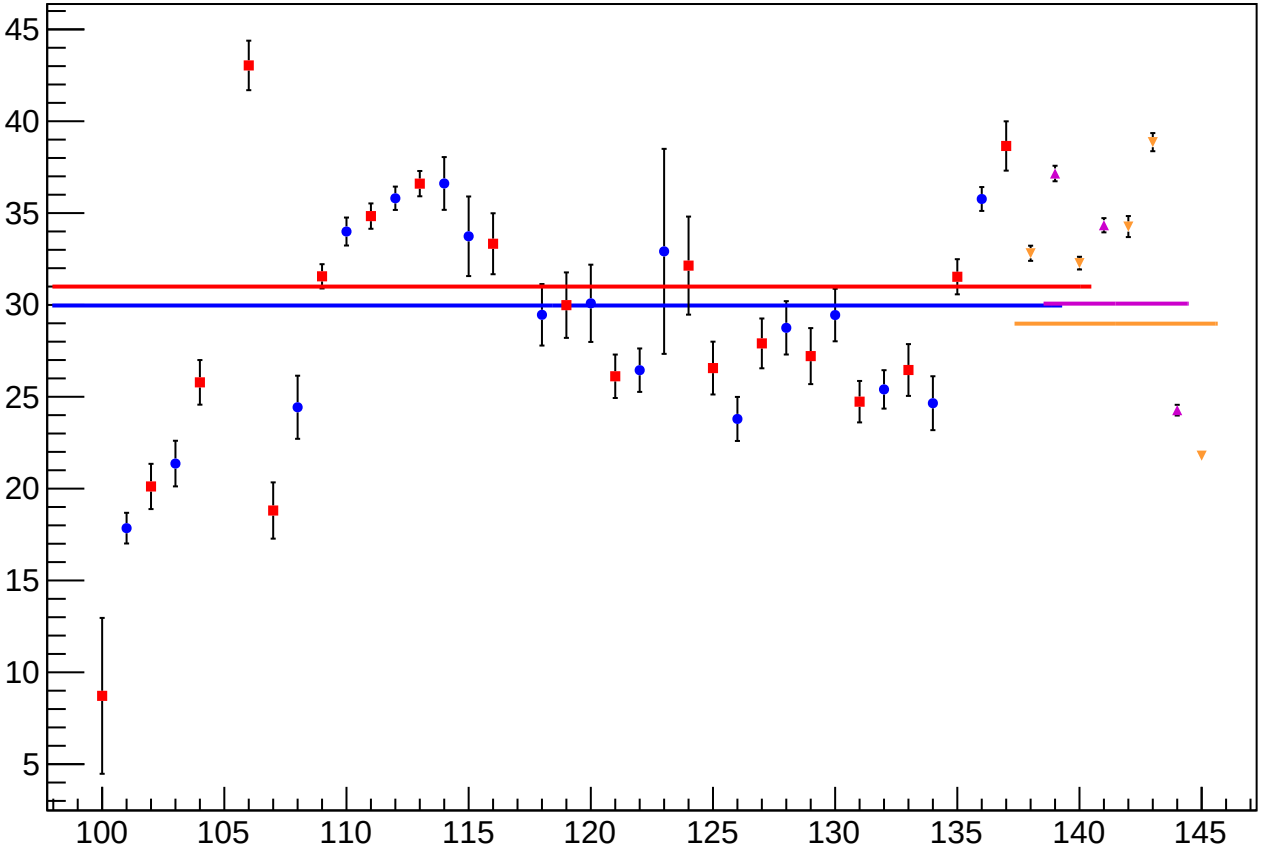
Left In: -2.416+/-0.152 χ^2/NDF:53.6/2

+ sign -2.316+/-0.096 χ^2/NDF: 206.7/21

All: -2.603+/-0.072 χ^2/NDF: 599.5/43

- sign -2.970+/-0.108 χ^2/NDF: 372.4/21

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969+/-0.267 χ^2/NDF: 554.3/16

Left Out: 28.981+/-0.166 χ^2/NDF:1427.9/4

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

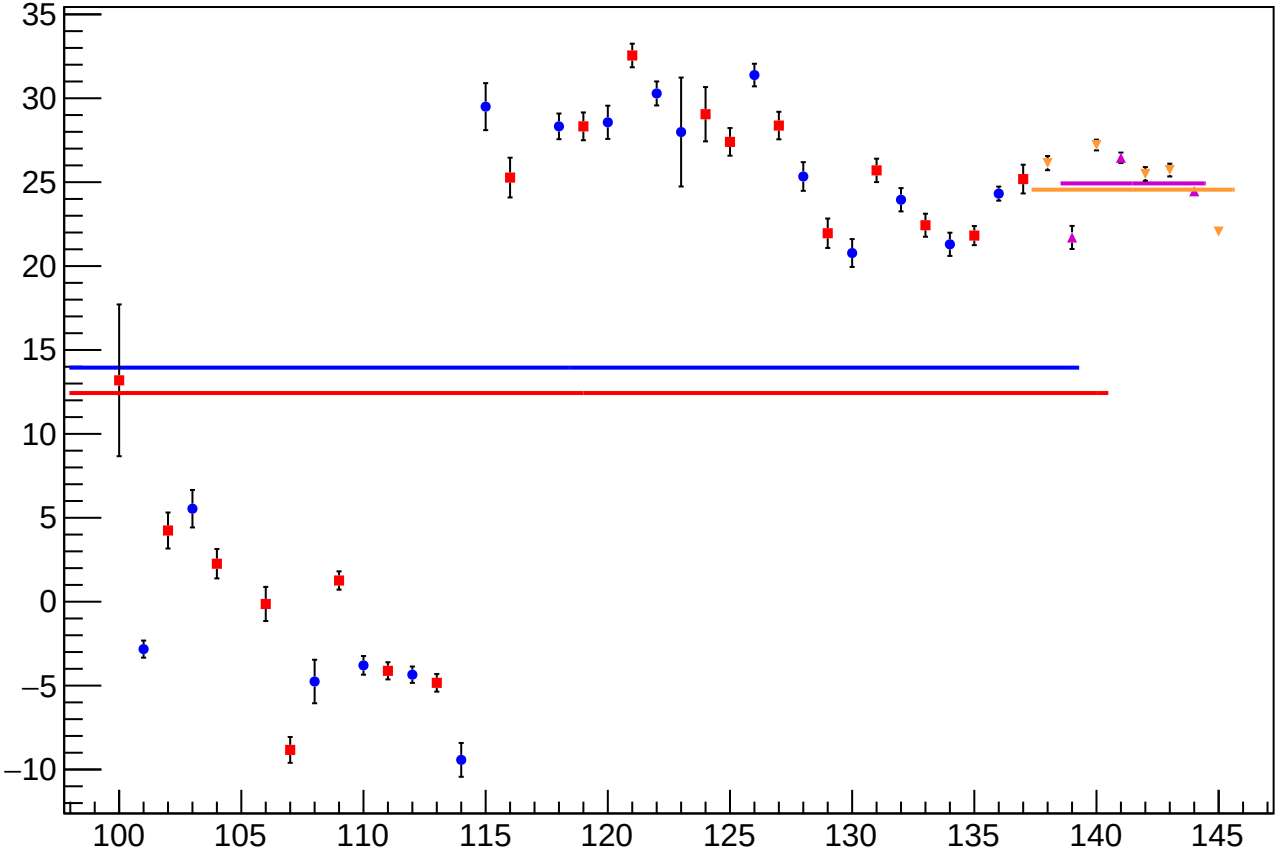
Left In: 30.071+/-0.204 χ^2/NDF:797.8/2

+ sign 29.257+/-0.141 χ^2/NDF: 1992.1/21

All: 29.766+/-0.106 χ^2/NDF: 3307.1/43

- sign 30.425+/-0.161 χ^2/NDF: 1285.2/21

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: 24.553+/-0.145 χ^2/NDF:219.3/4

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

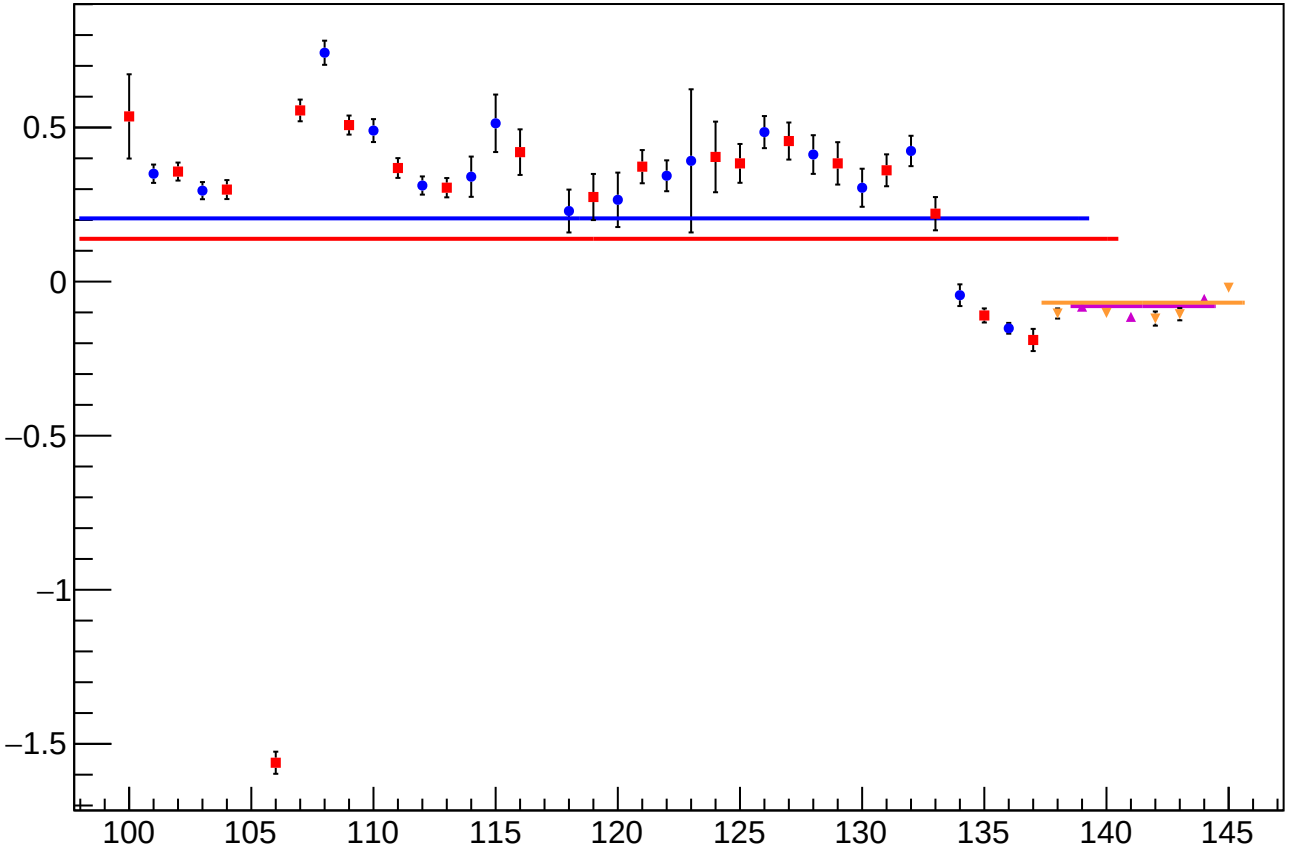
Left In: 24.927+/-0.179 χ^2/NDF:50.0/2

+ sign 20.156+/-0.111 χ^2/NDF: 9837.5/21

All: 19.423+/-0.083 χ^2/NDF: 19459.1/43

- sign 18.494+/-0.125 χ^2/NDF: 9522.4/21

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: -0.068+/-0.007 χ^2/NDF:40.8/4

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

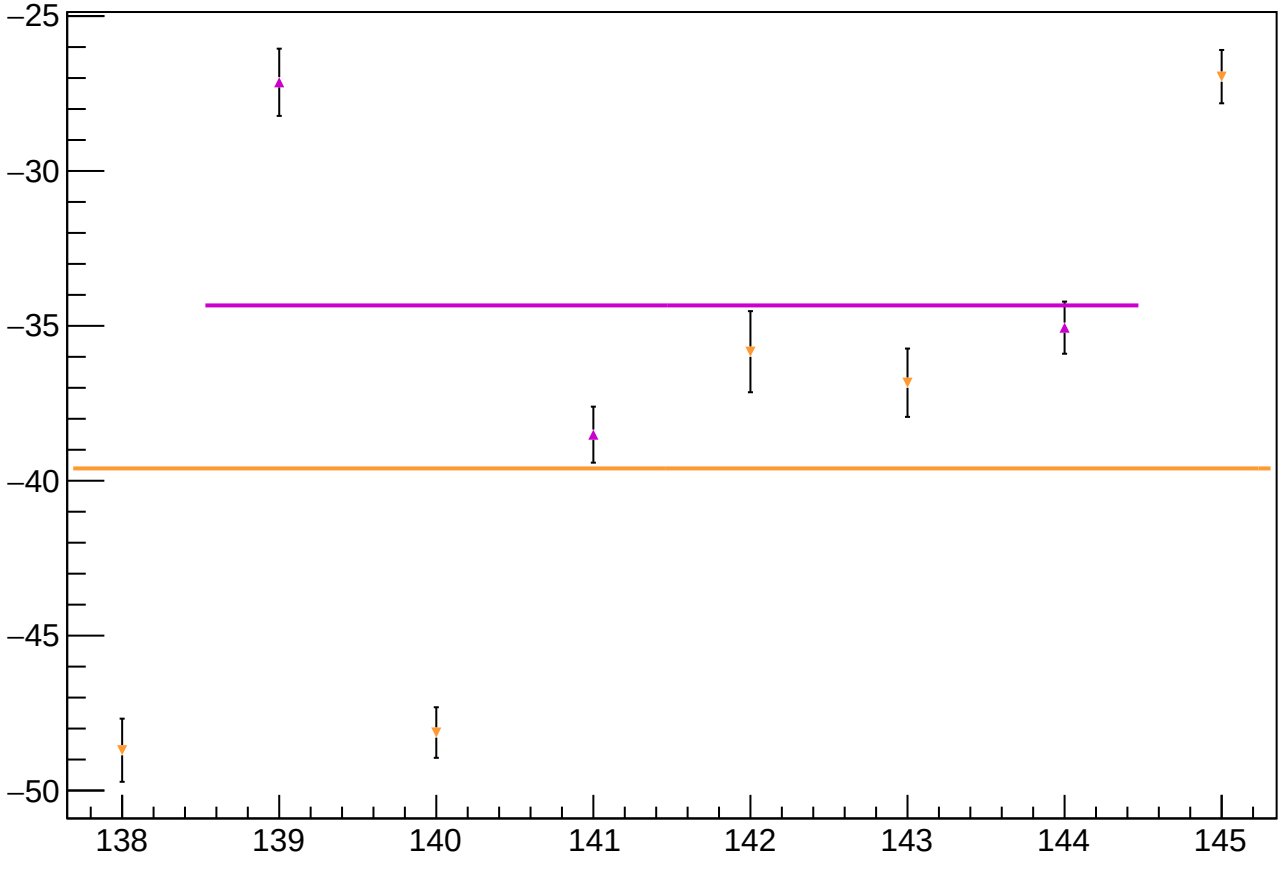
Left In: -0.080+/-0.008 χ^2/NDF:8.5/2

+ sign 0.025+/-0.005 χ^2/NDF: 1450.8/21

All: 0.021+/-0.004 χ^2/NDF: 4791.2/43

- sign 0.017+/-0.006 χ^2/NDF: 3339.6/21

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: -39.602+/-0.438 χ^2/NDF:419.2/4

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

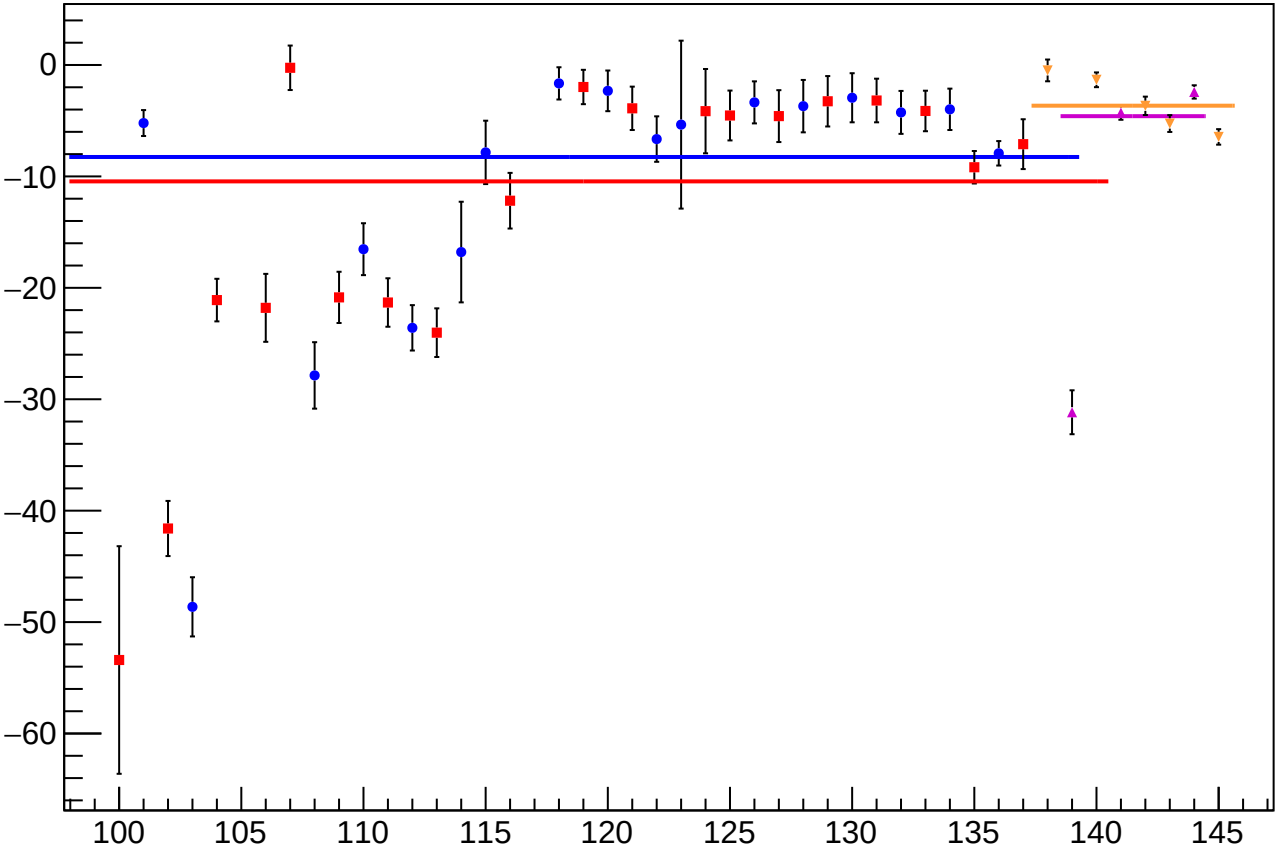
Left In: -34.340+/-0.536 χ^2/NDF:66.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -37.495+/-0.339 χ^2/NDF: 543.2/7

- 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: -3.653+/-0.340 χ^2/NDF:43.6/4

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

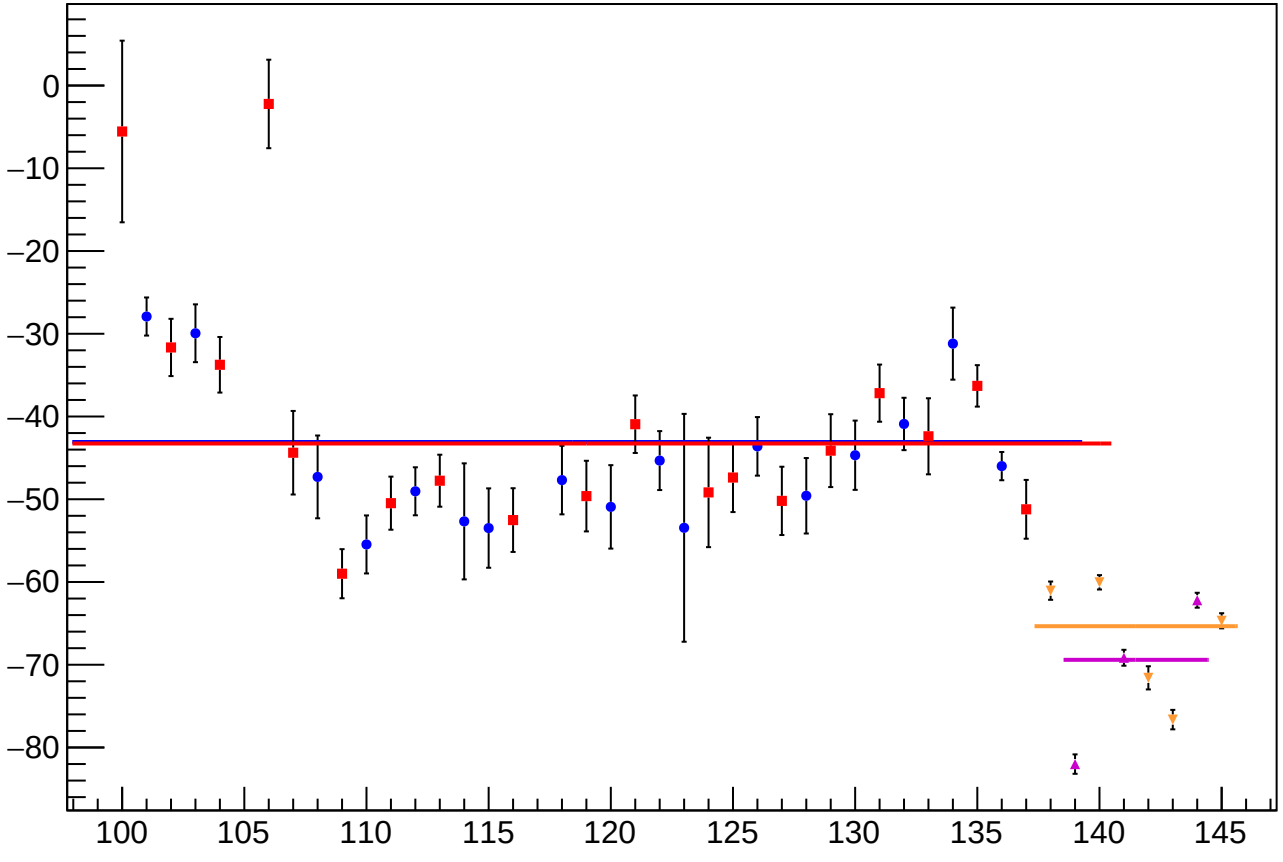
Left In: -4.593+/-0.427 χ^2/NDF:195.3/2

+ sign -5.273+/-0.274 χ^2/NDF: 520.0/21

All: -6.045+/-0.209 χ^2/NDF: 1243.6/43

- sign -7.112+/-0.322 χ^2/NDF: 704.6/21

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: -65.344+/-0.468 χ^2/NDF:164.7/4

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

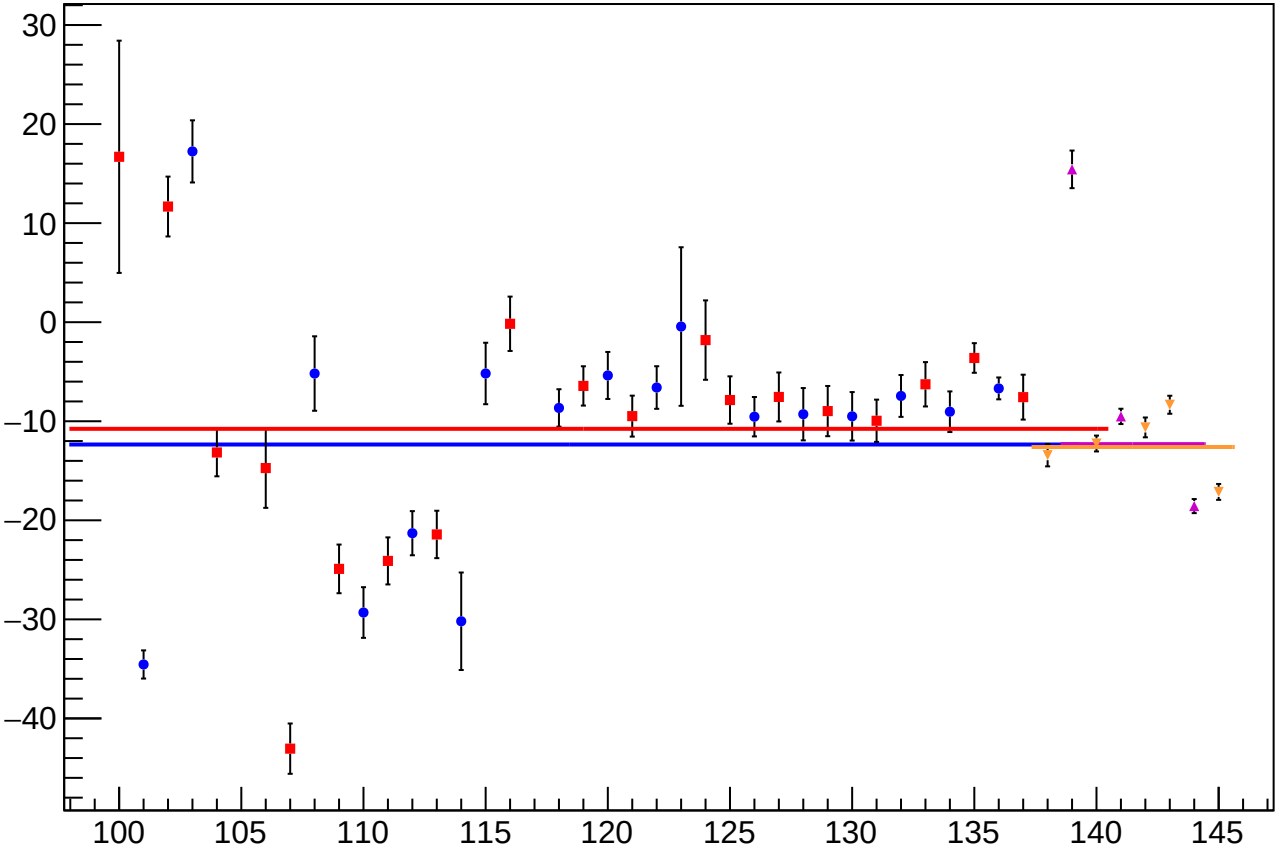
Left In: -69.406+/-0.573 χ^2/NDF:179.3/2

+ sign -60.019+/-0.408 χ^2/NDF: 805.6/21

All: -60.619+/-0.310 χ^2/NDF: 1777.4/43

- sign -61.443+/-0.478 χ^2/NDF: 966.6/21

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: -12.599+/-0.405 χ^2/NDF:58.5/4

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

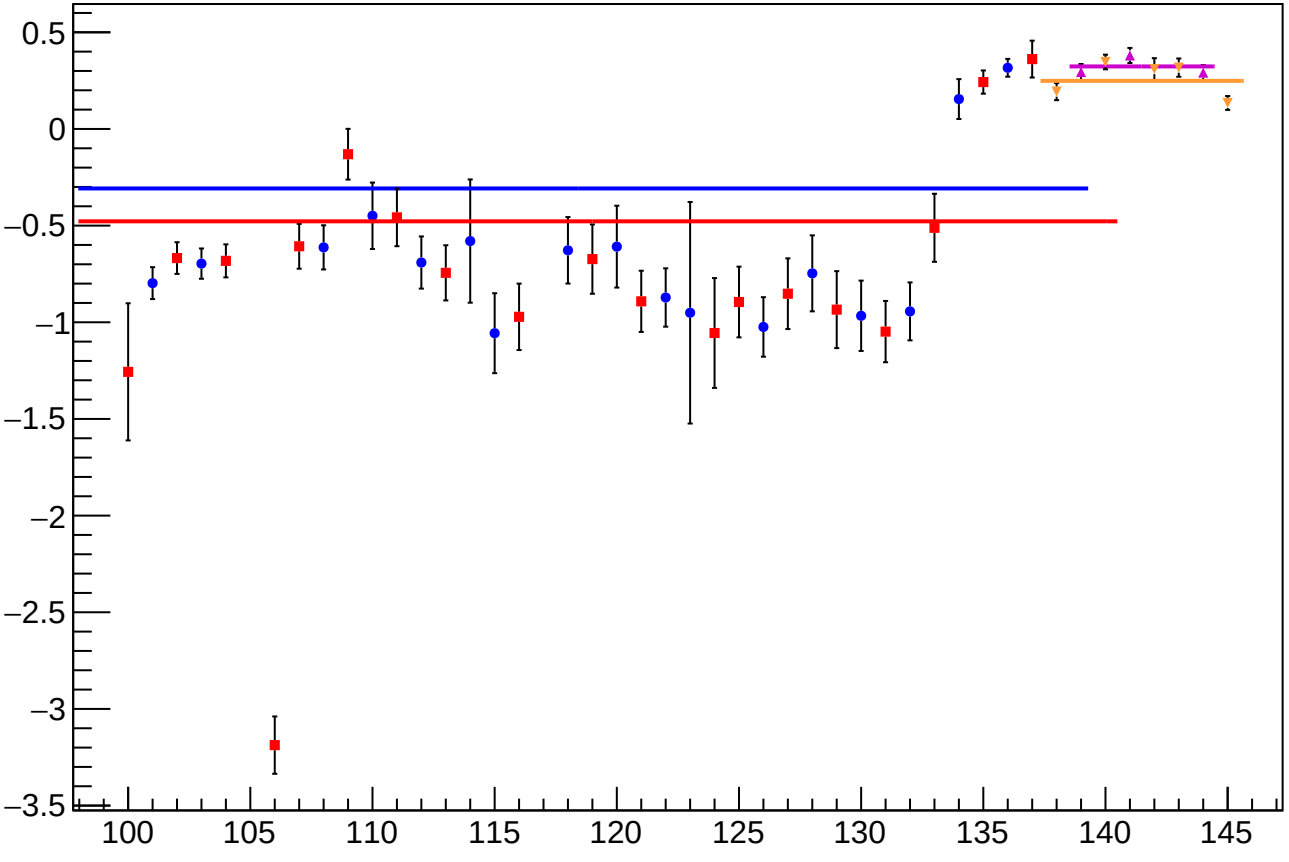
Left In: -12.310+/-0.504 χ^2/NDF:304.1/2

+ sign -12.504+/-0.319 χ^2/NDF: 534.6/21

All: -12.125+/-0.243 χ^2/NDF: 1213.0/43

- sign -11.609+/-0.373 χ^2/NDF: 675.0/21

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: 0.249+/-0.019 χ^2/NDF:21.7/4

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

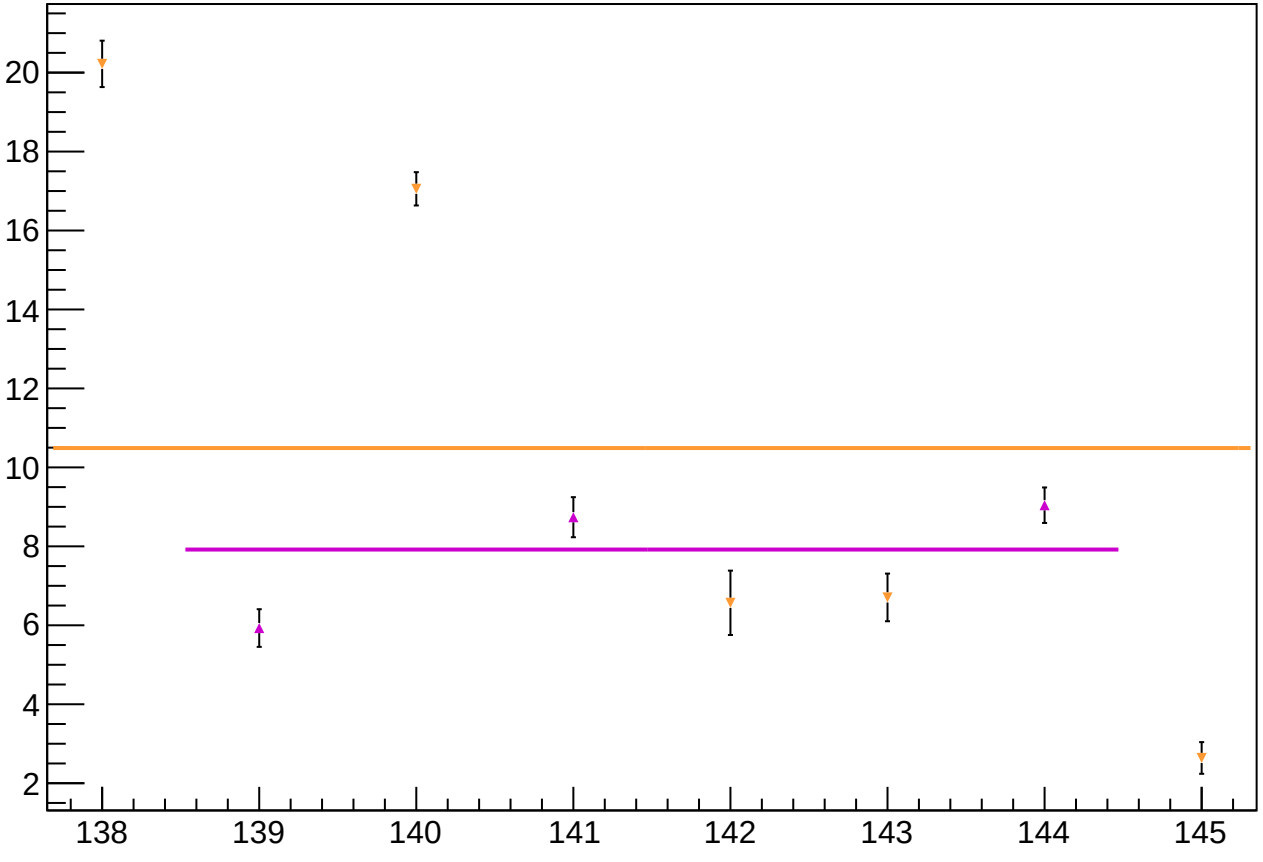
Left In: 0.323+/-0.023 χ^2/NDF:3.3/2

+ sign 0.068+/-0.016 χ^2/NDF: 670.6/21

All: 0.042+/-0.012 χ^2/NDF: 1789.4/43

- sign 0.008+/-0.018 χ^2/NDF: 1112.4/21

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: 10.490+/-0.230 χ^2/NDF:961.2/4

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

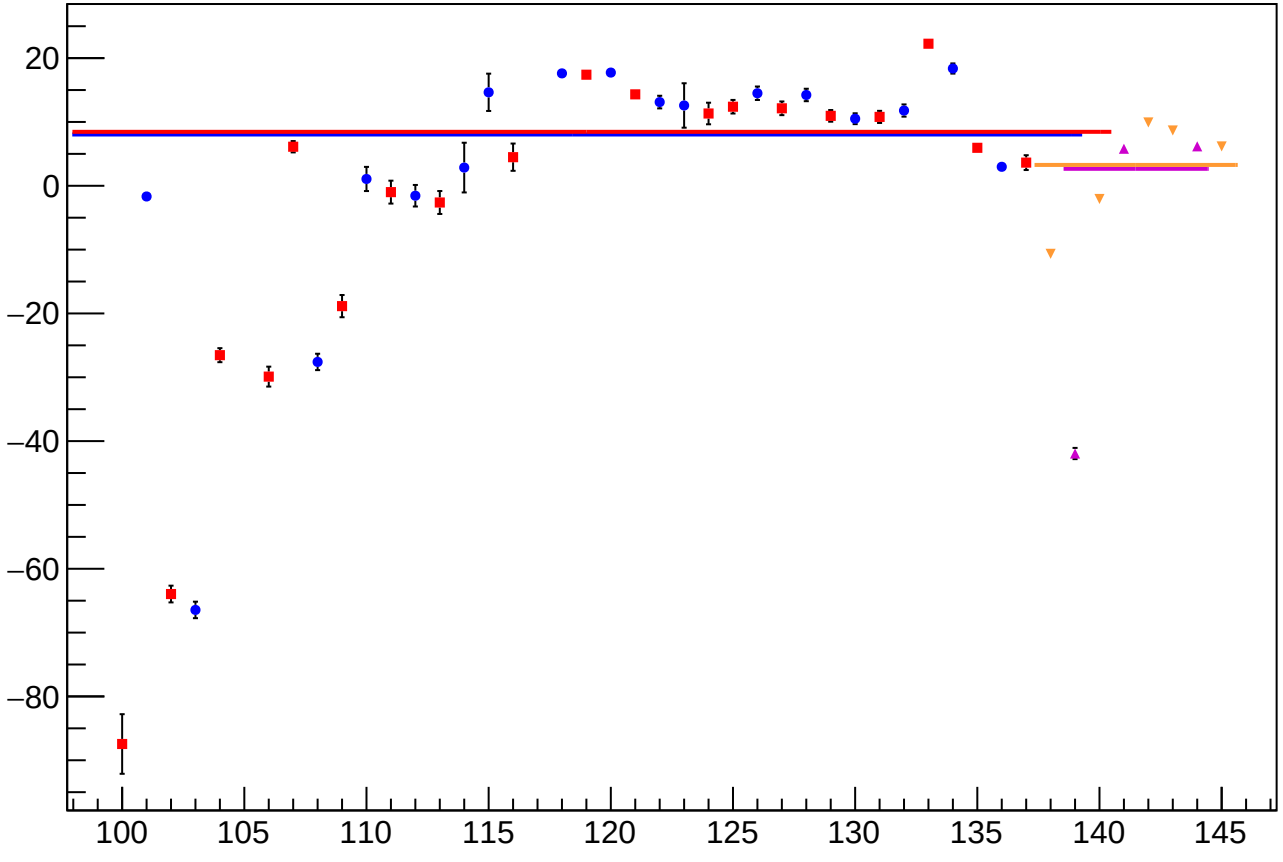
Left In: 7.919+/-0.275 χ^2/NDF:26.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.434+/-0.176 χ^2/NDF: 1038.9/7

- 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: 3.267+/-0.183 χ^2/NDF:1188.9/4

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

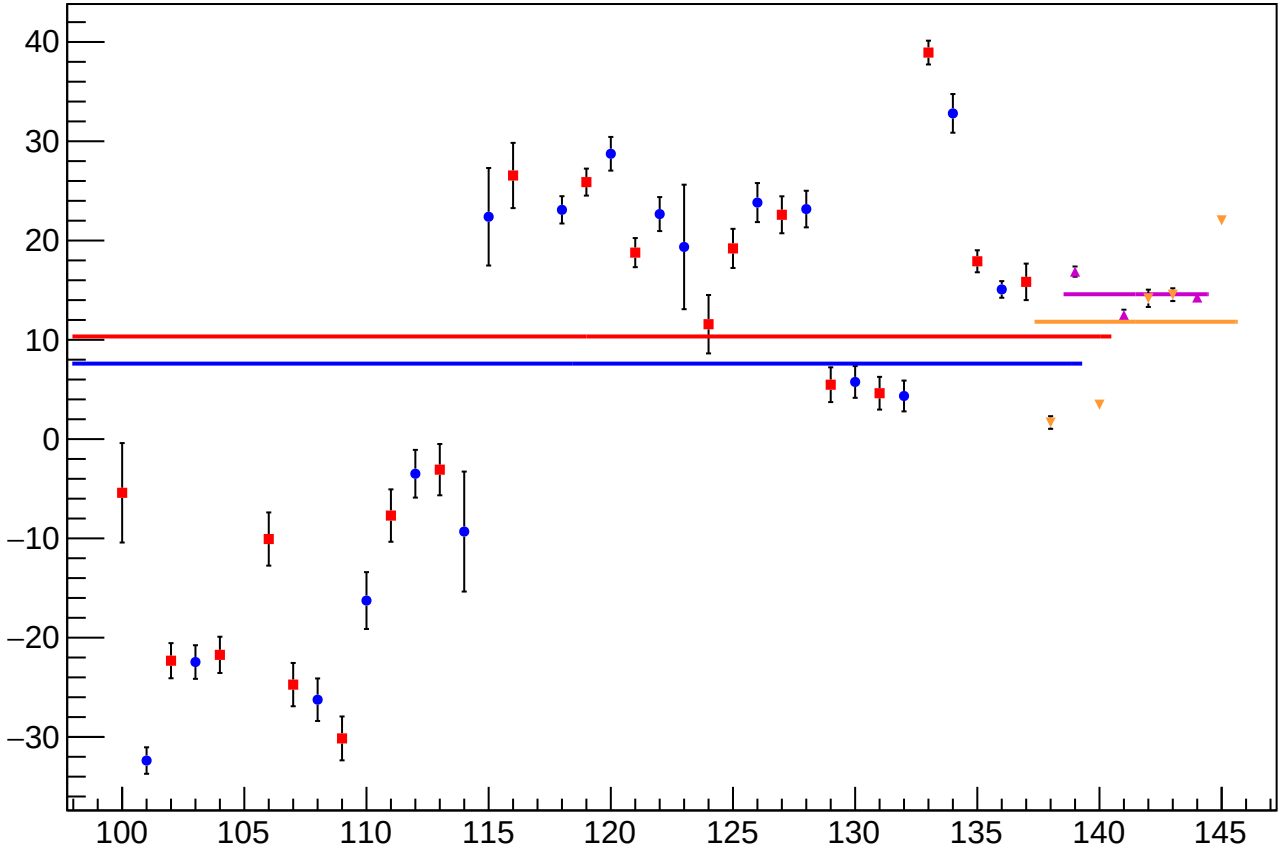
Left In: 2.659+/-0.233 χ^2/NDF:2765.5/2

+ sign 5.275+/-0.140 χ^2/NDF: 6842.8/21

All: 5.509+/-0.104 χ^2/NDF: 16656.2/43

- sign 5.806+/-0.157 χ^2/NDF: 9807.0/21

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604+/-0.416 χ^2/NDF: 2325.0/16

Left Out: 11.821+/-0.245 χ^2/NDF:1202.1/4

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

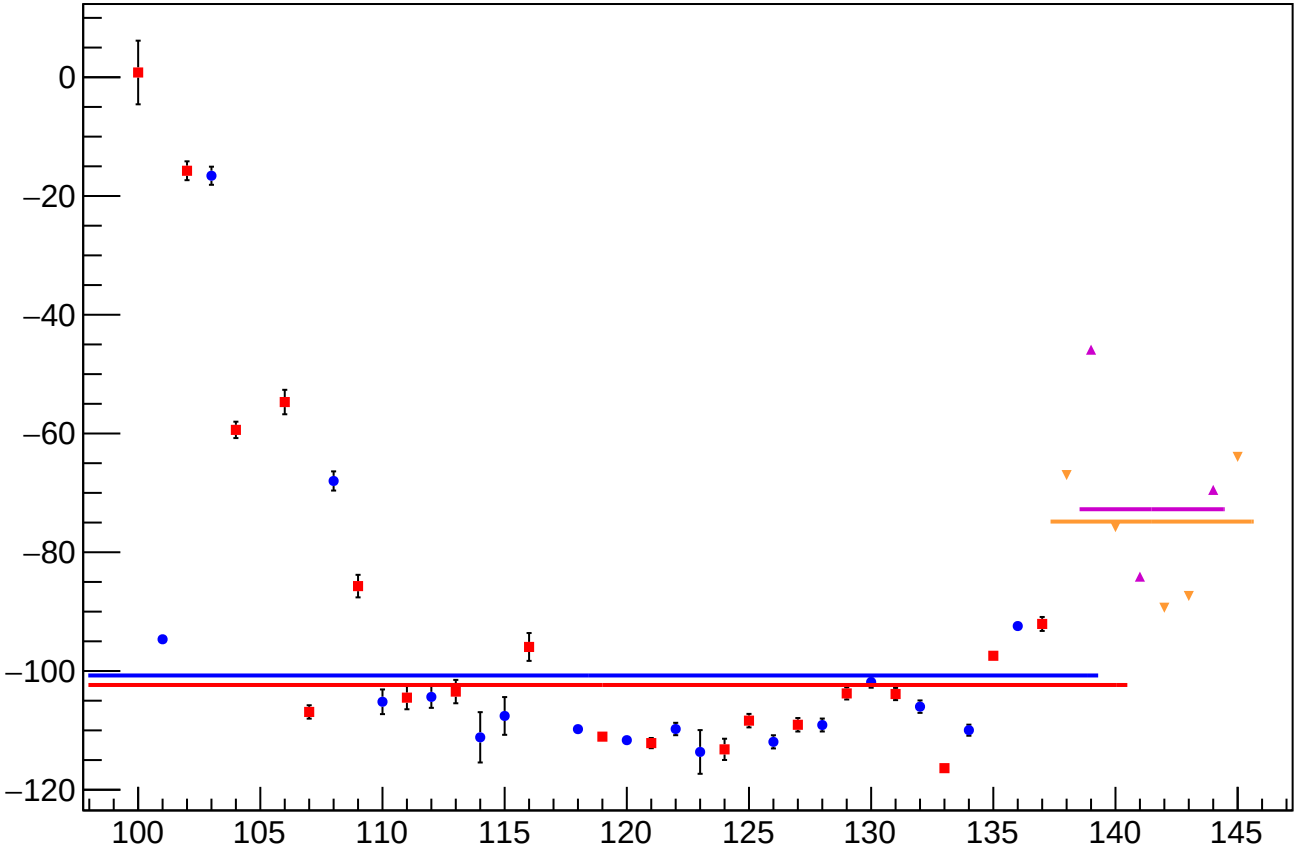
Left In: 14.591+/-0.295 χ^2/NDF:35.2/2

+ sign 10.735+/-0.211 χ^2/NDF: 3603.5/21

All: 11.794+/-0.159 χ^2/NDF: 6048.0/43

- sign 13.171+/-0.241 χ^2/NDF: 2386.5/21

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: -74.833+/-0.217 χ^2/NDF:2131.8/4

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

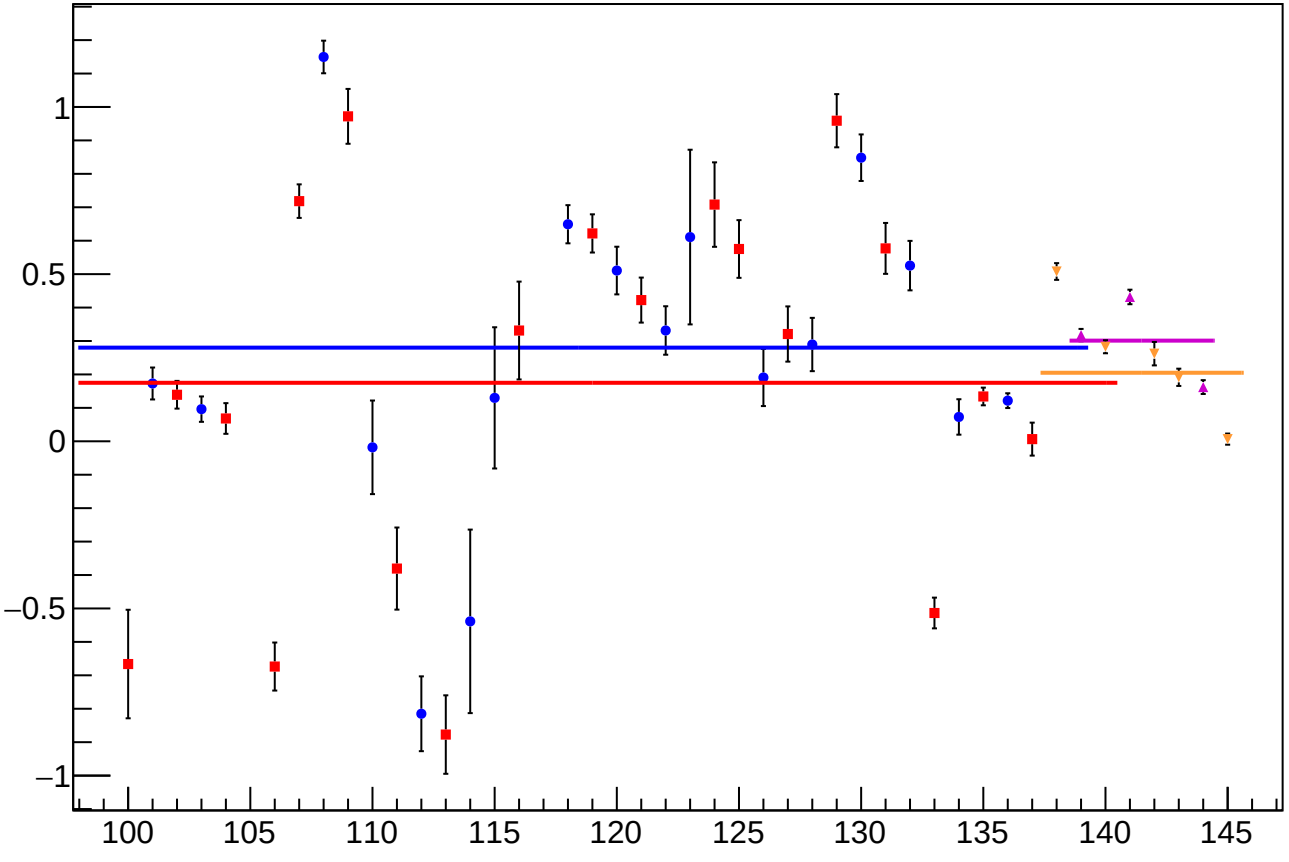
Left In: -72.755+/-0.272 χ^2/NDF:1753.8/2

+ sign -86.049+/-0.163 χ^2/NDF: 12850.8/21

All: -87.370+/-0.122 χ^2/NDF: 27339.2/43

- sign -89.023+/-0.183 χ^2/NDF: 14340.8/21

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: 0.205+/-0.010 χ^2/NDF:307.4/4

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

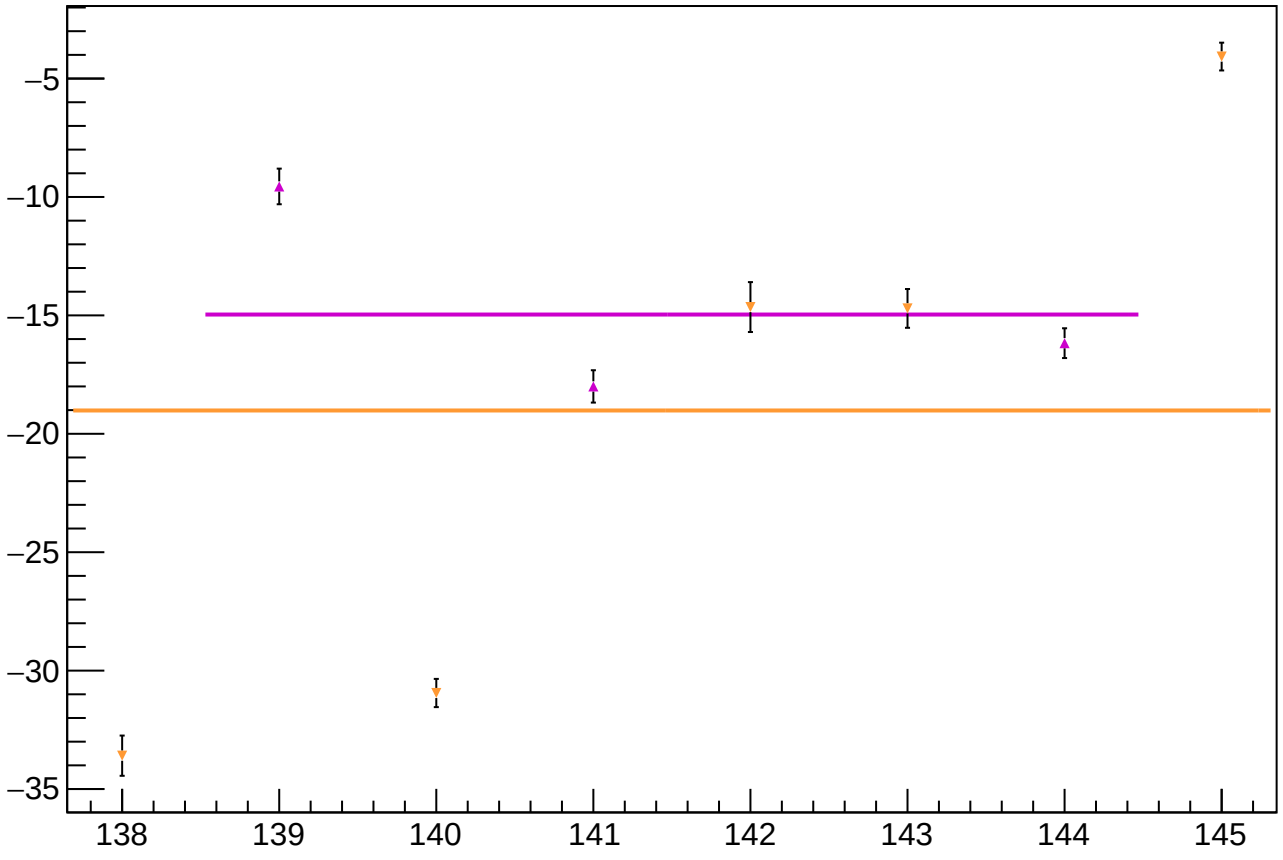
Left In: 0.301+/-0.012 χ^2/NDF:81.9/2

+ sign 0.231+/-0.008 χ^2/NDF: 983.6/21

All: 0.238+/-0.006 χ^2/NDF: 2084.0/43

- sign 0.247+/-0.009 χ^2/NDF: 1098.8/21

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -19.015+/-0.324 χ^2/NDF:1389.0/4

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

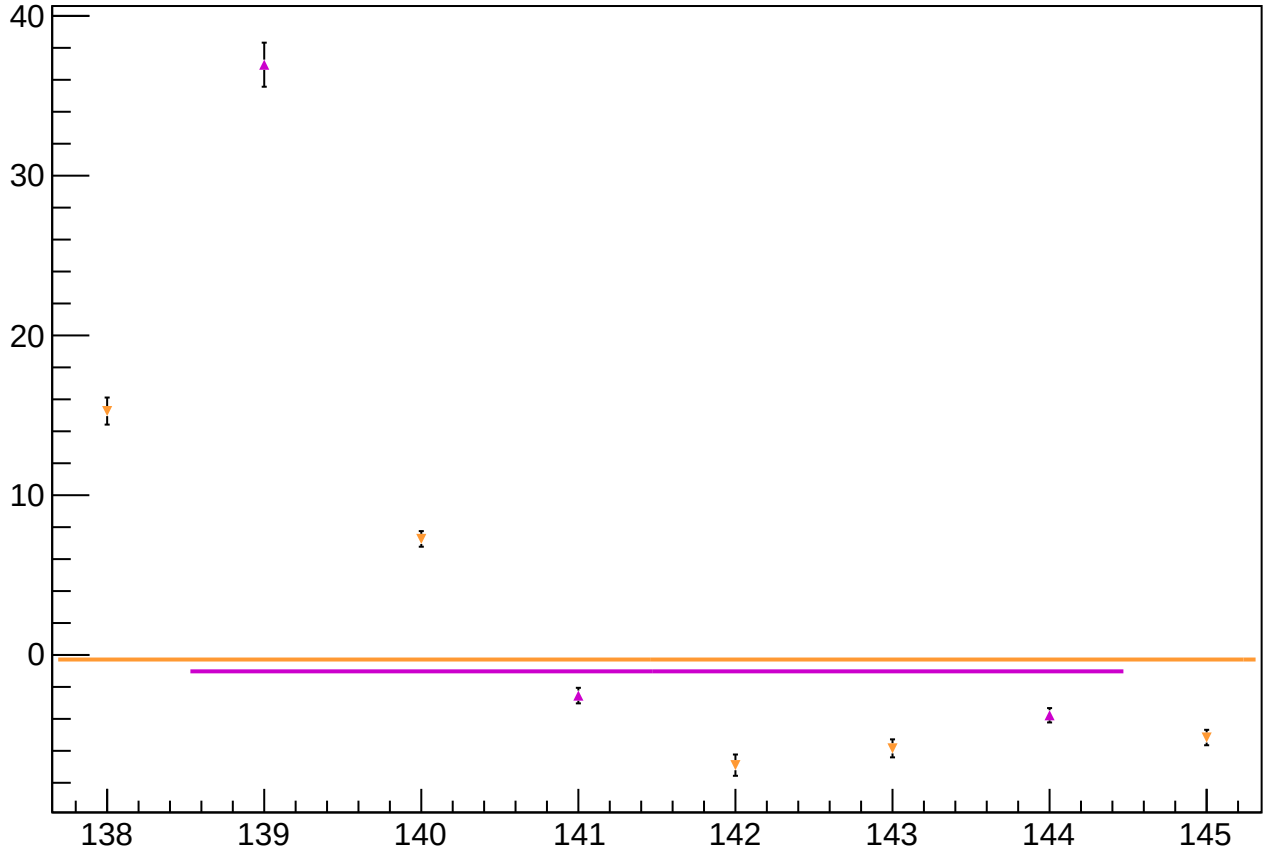
Left In: -14.964+/-0.394 χ^2/NDF:75.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -17.379+/-0.250 χ^2/NDF: 1527.1/7

- 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: -0.285+/-0.256 χ^2/NDF:873.3/4

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

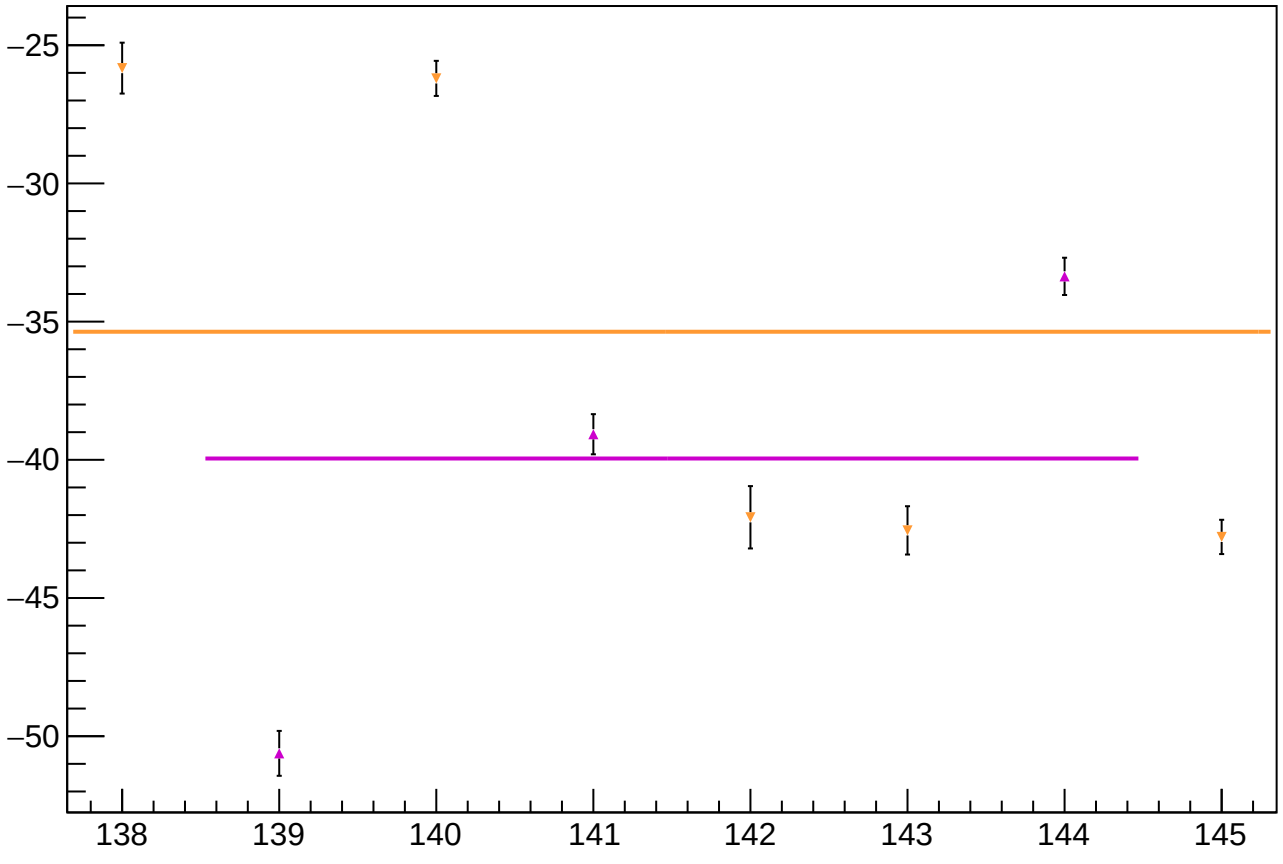
Left In: -1.025+/-0.321 χ^2/NDF:805.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.572+/-0.200 χ^2/NDF: 1681.7/7

- 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: -35.366+/-0.346 χ^2/NDF:562.1/4

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

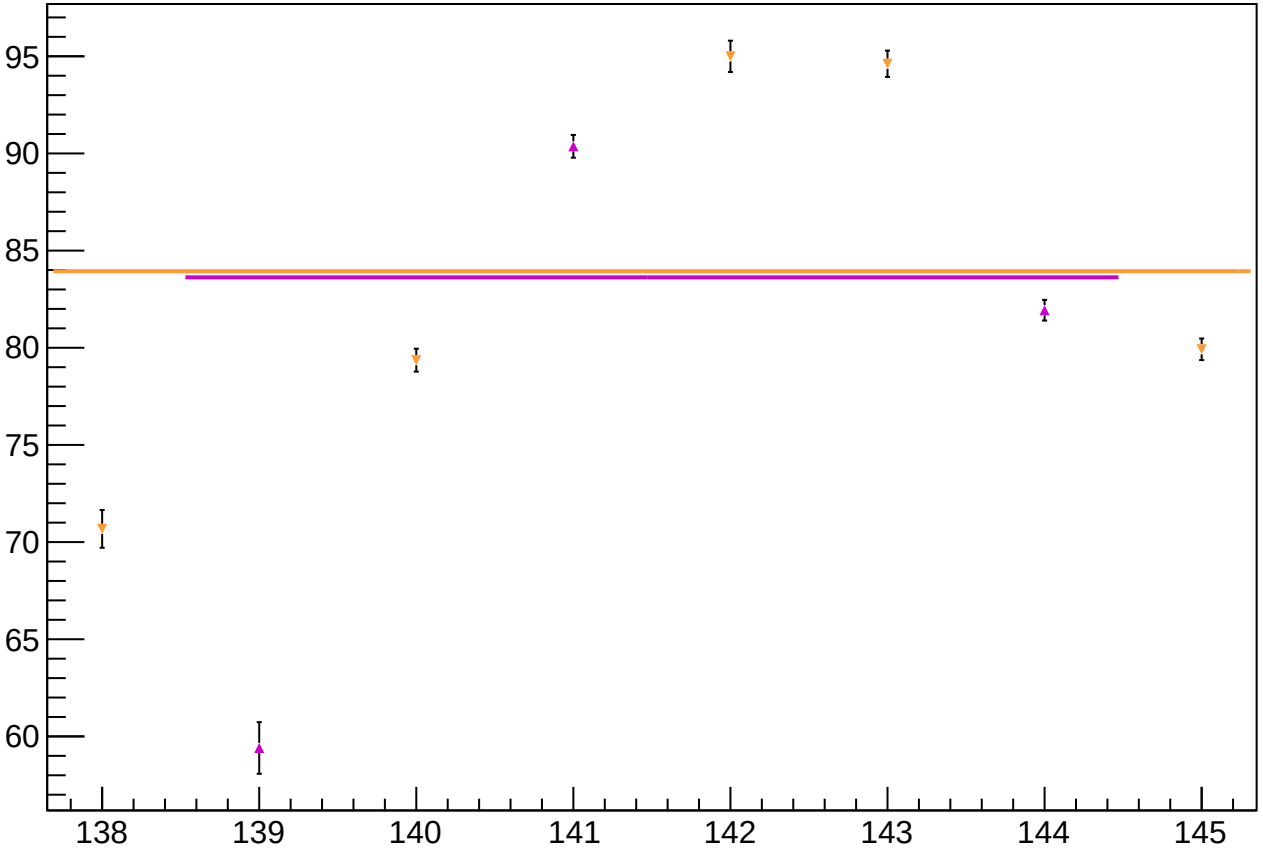
Left In: -39.953+/-0.422 χ^2/NDF:269.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -37.209+/-0.268 χ^2/NDF: 902.3/7

- 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: 83.940+/-0.303 χ^2/NDF:735.4/4

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

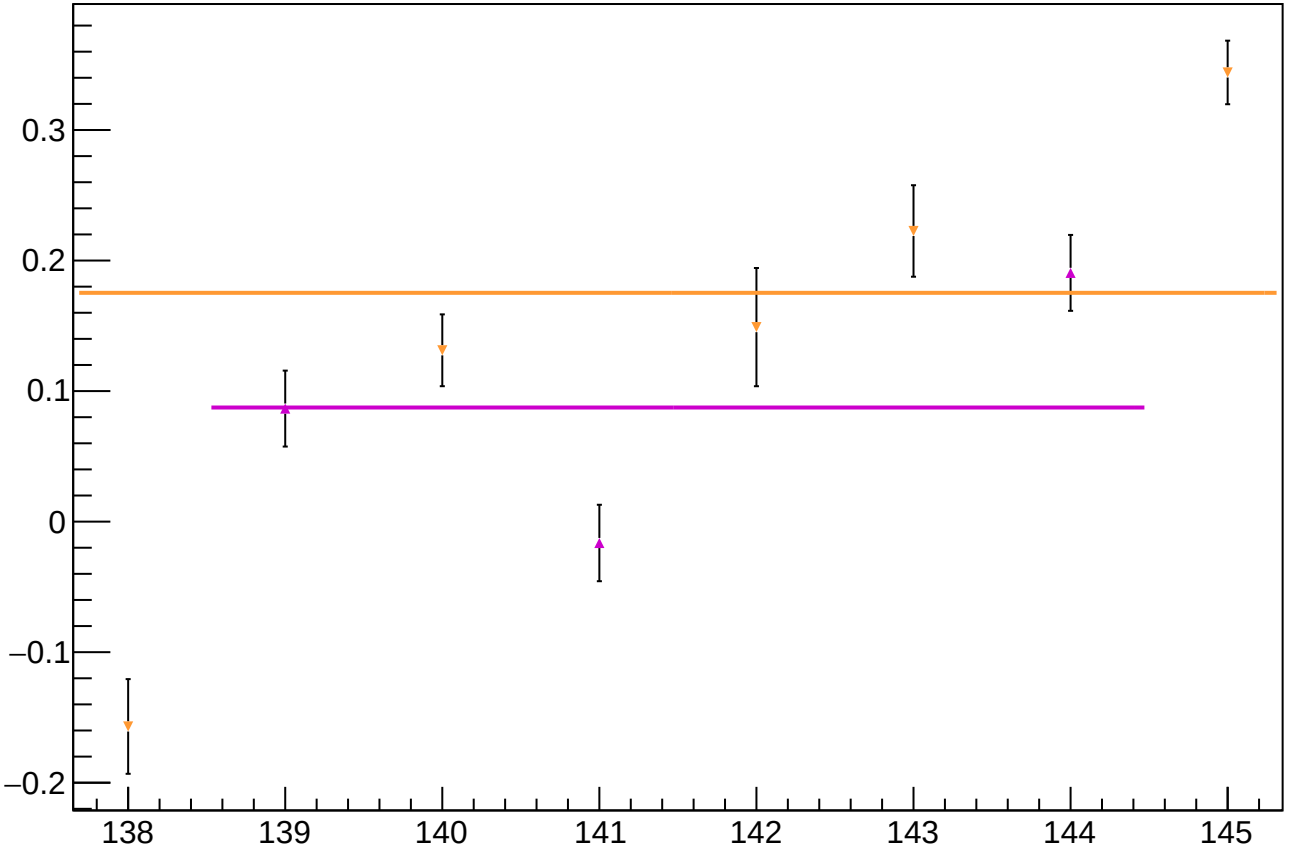
Left In: 83.624+/-0.378 χ^2/NDF:474.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 83.816+/-0.236 χ^2/NDF: 1210.2/7

- 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: 0.175+/-0.014 χ^2/NDF:136.7/4

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

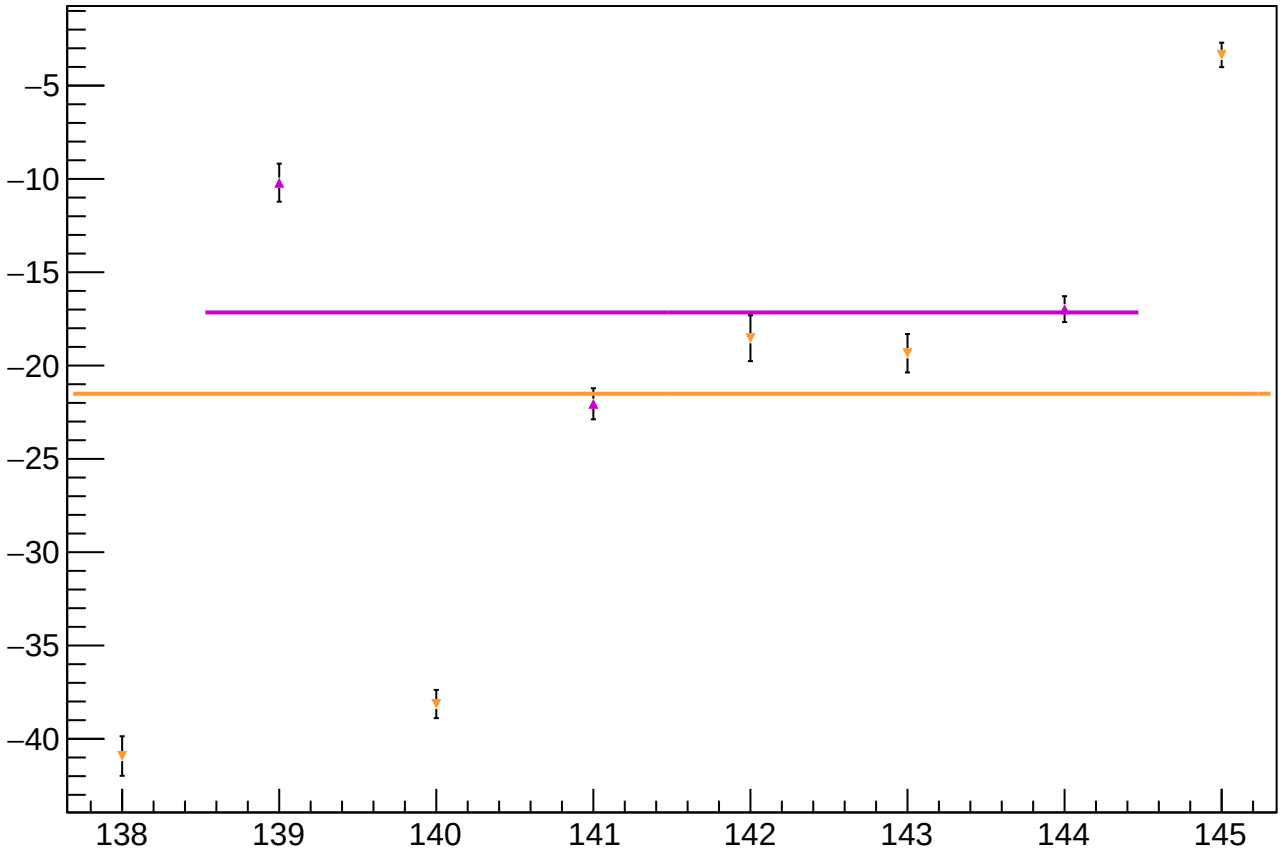
Left In: 0.087+/-0.017 χ^2/NDF:25.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.139+/-0.011 χ^2/NDF: 177.9/7

- 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: -21.509+/-0.390 χ^2/NDF:1597.7/4

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

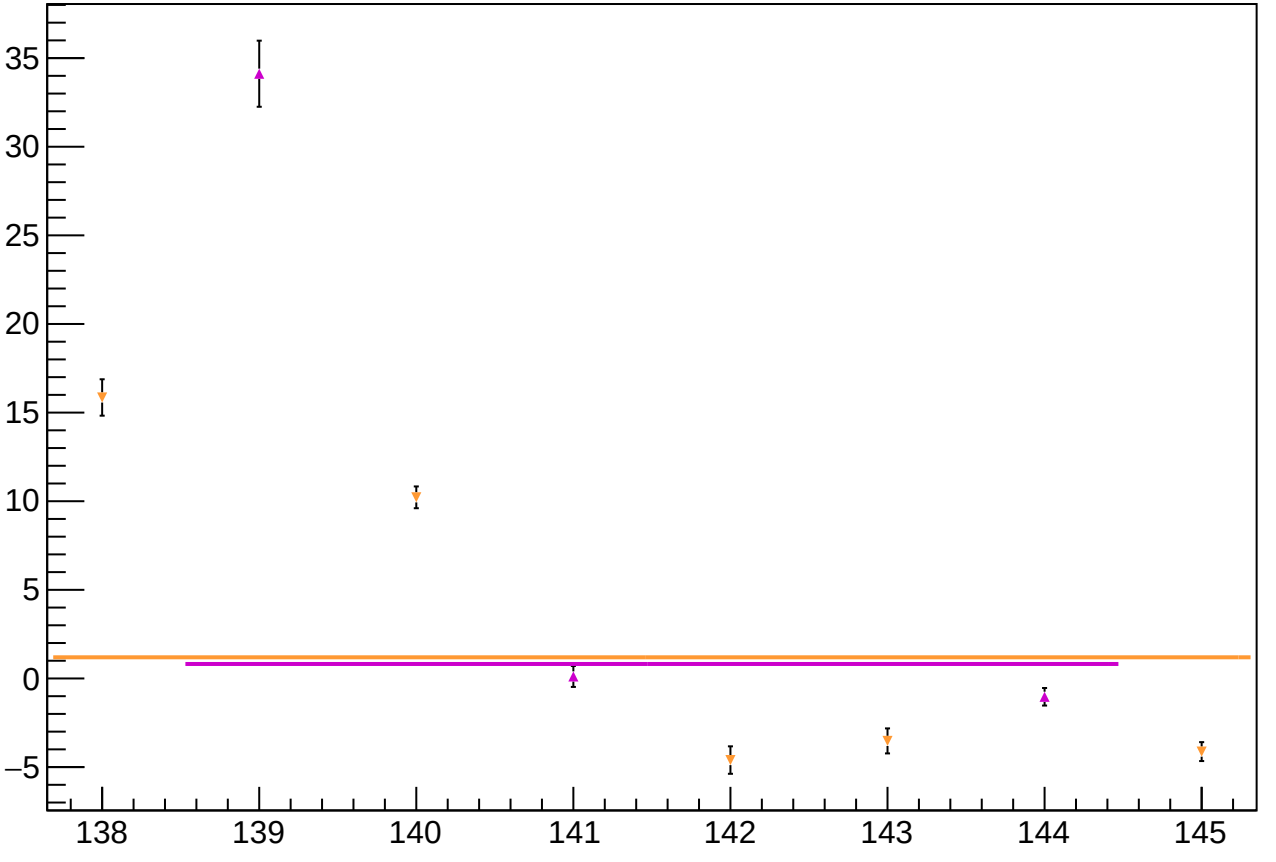
Left In: -17.154+/-0.473 χ^2/NDF:81.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -19.744+/-0.301 χ^2/NDF: 1729.2/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 1.194+/-0.305 χ^2/NDF:619.5/4

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

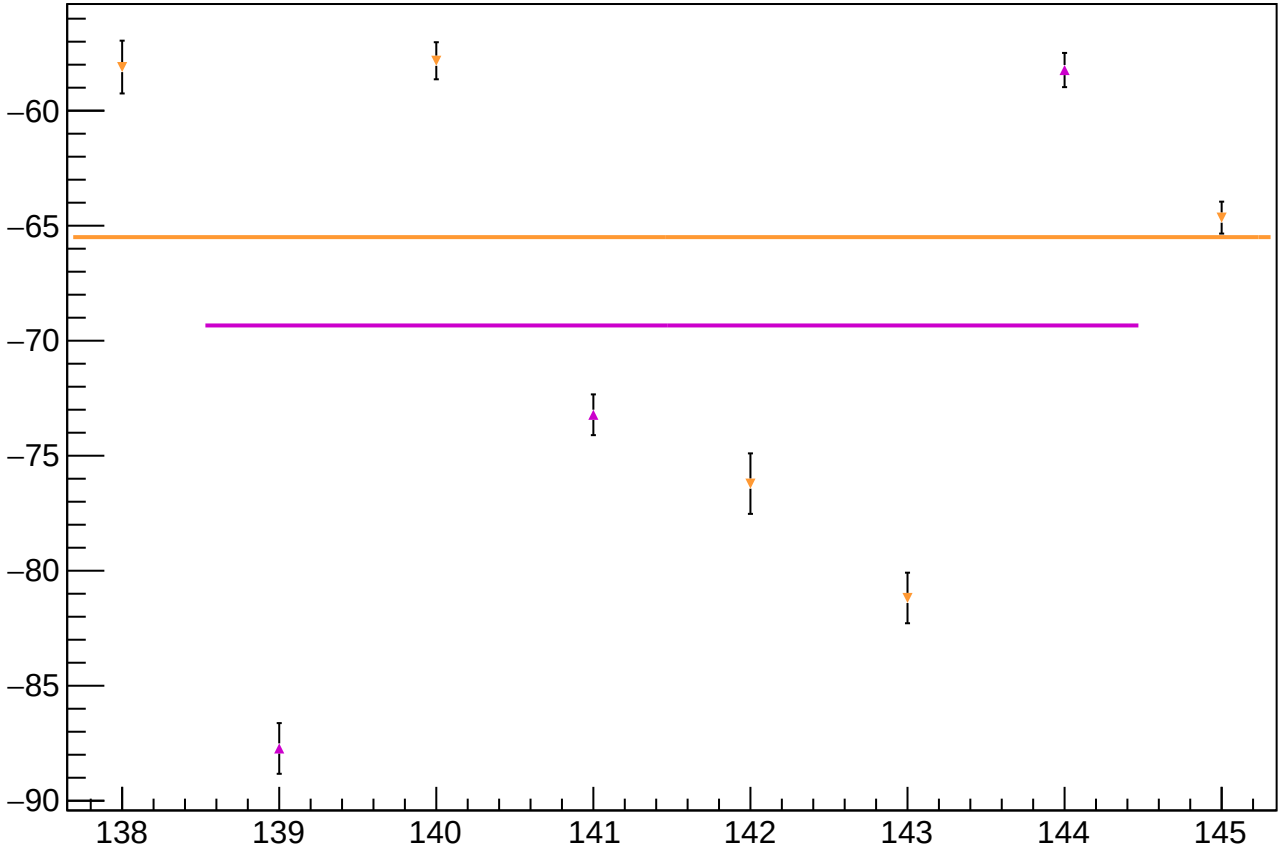
Left In: 0.817+/-0.372 χ^2/NDF:334.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.042+/-0.236 χ^2/NDF: 954.4/7

- 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: -65.497+/-0.416 χ^2/NDF:403.7/4

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

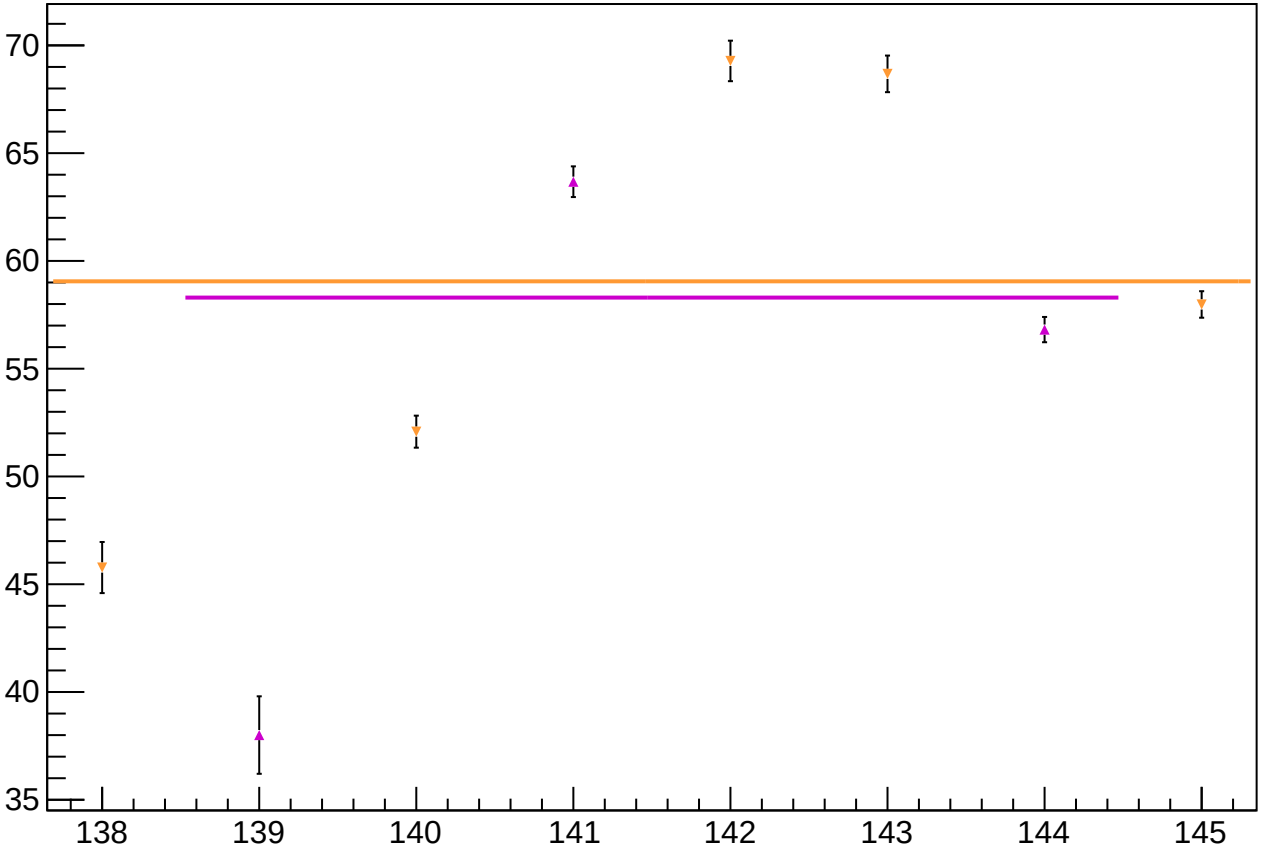
Left In: -69.337+/-0.506 χ^2/NDF:520.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -67.046+/-0.321 χ^2/NDF: 958.7/7

- 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: 59.053+/-0.361 χ^2/NDF:463.4/4

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

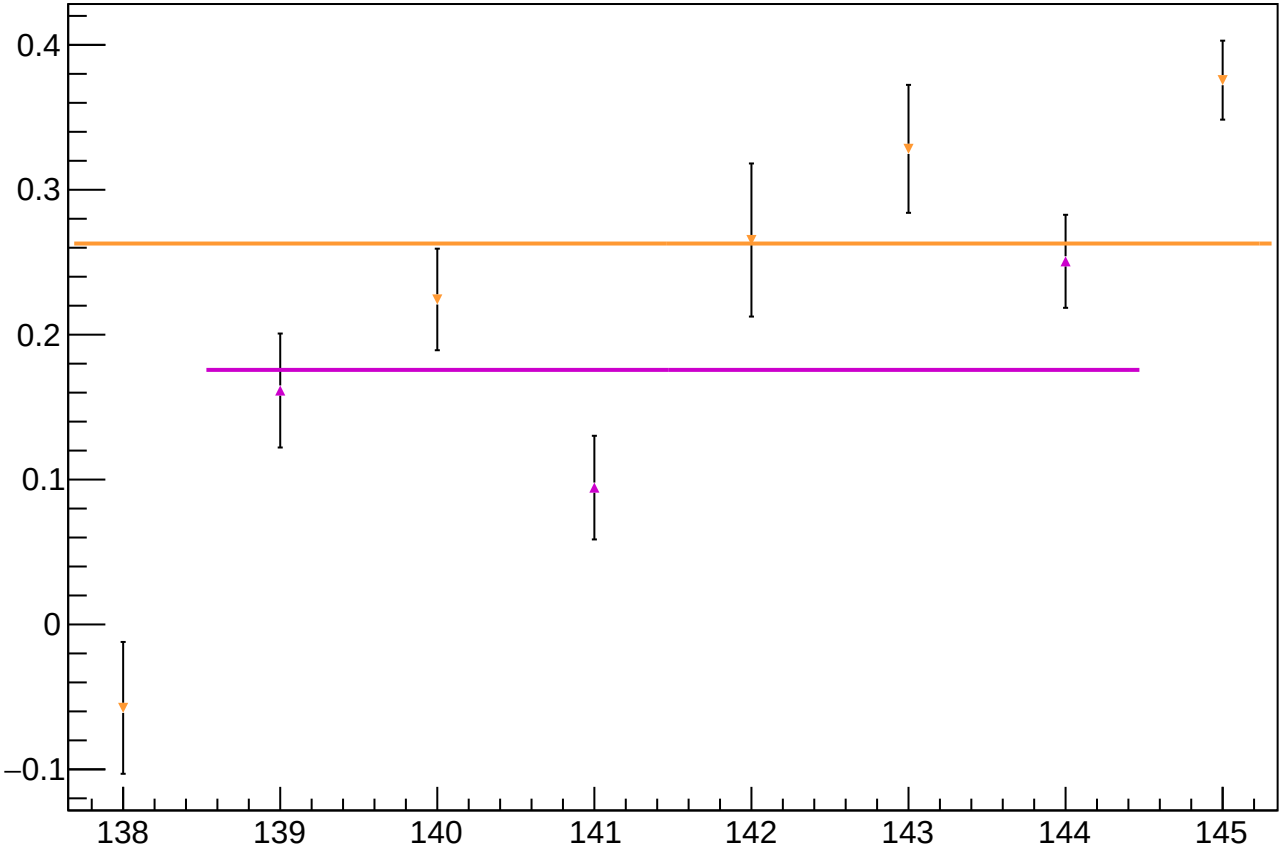
Left In: 58.299+/-0.439 χ^2/NDF:190.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 58.749+/-0.279 χ^2/NDF: 656.0/7

- 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: 0.263+/-0.017 χ^2/NDF:70.1/4

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

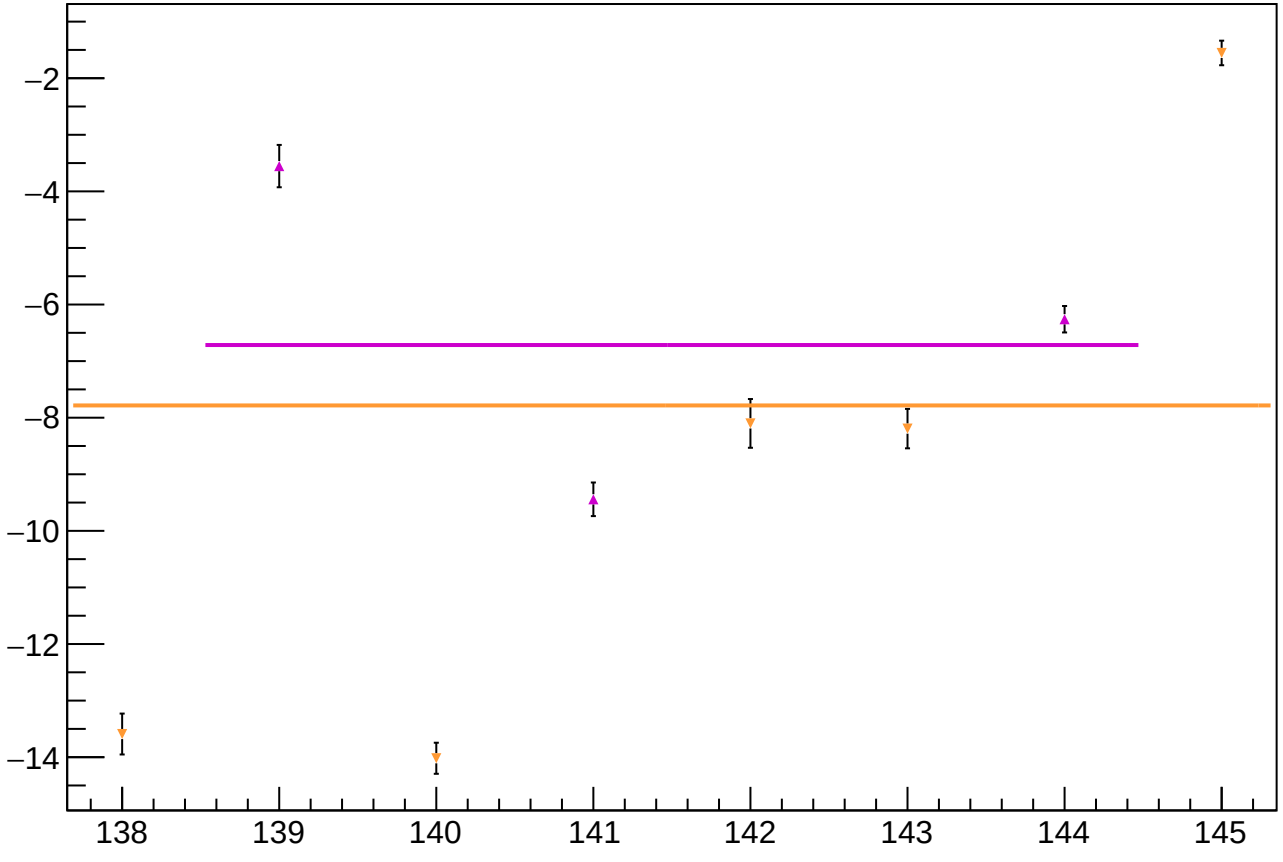
Left In: 0.176+/-0.020 χ^2/NDF:10.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.228+/-0.013 χ^2/NDF: 91.7/7

- 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: -7.783+/-0.134 χ^2/NDF:1599.6/4

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

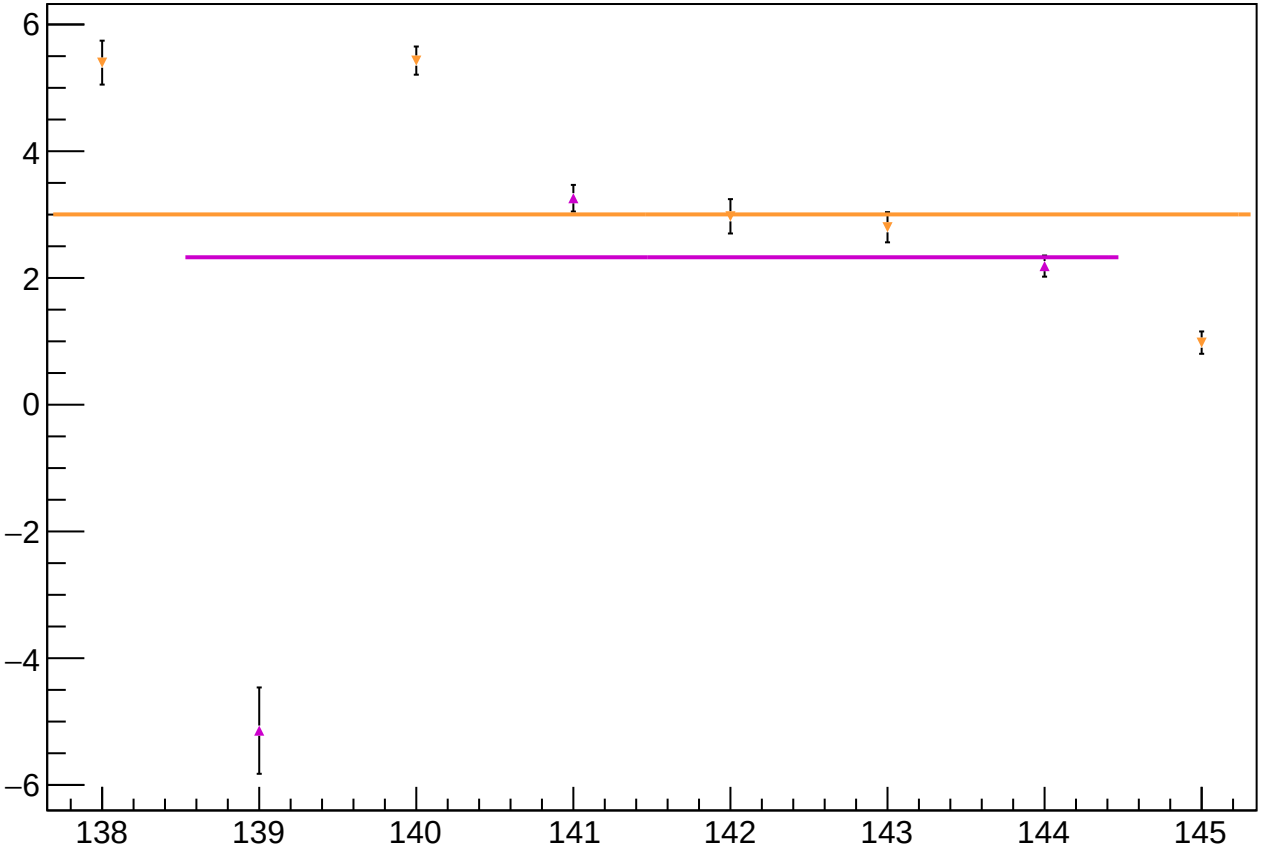
Left In: -6.716+/-0.165 χ^2/NDF:159.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.359+/-0.104 χ^2/NDF: 1784.4/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 3.003+/-0.104 χ^2/NDF:299.4/4

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

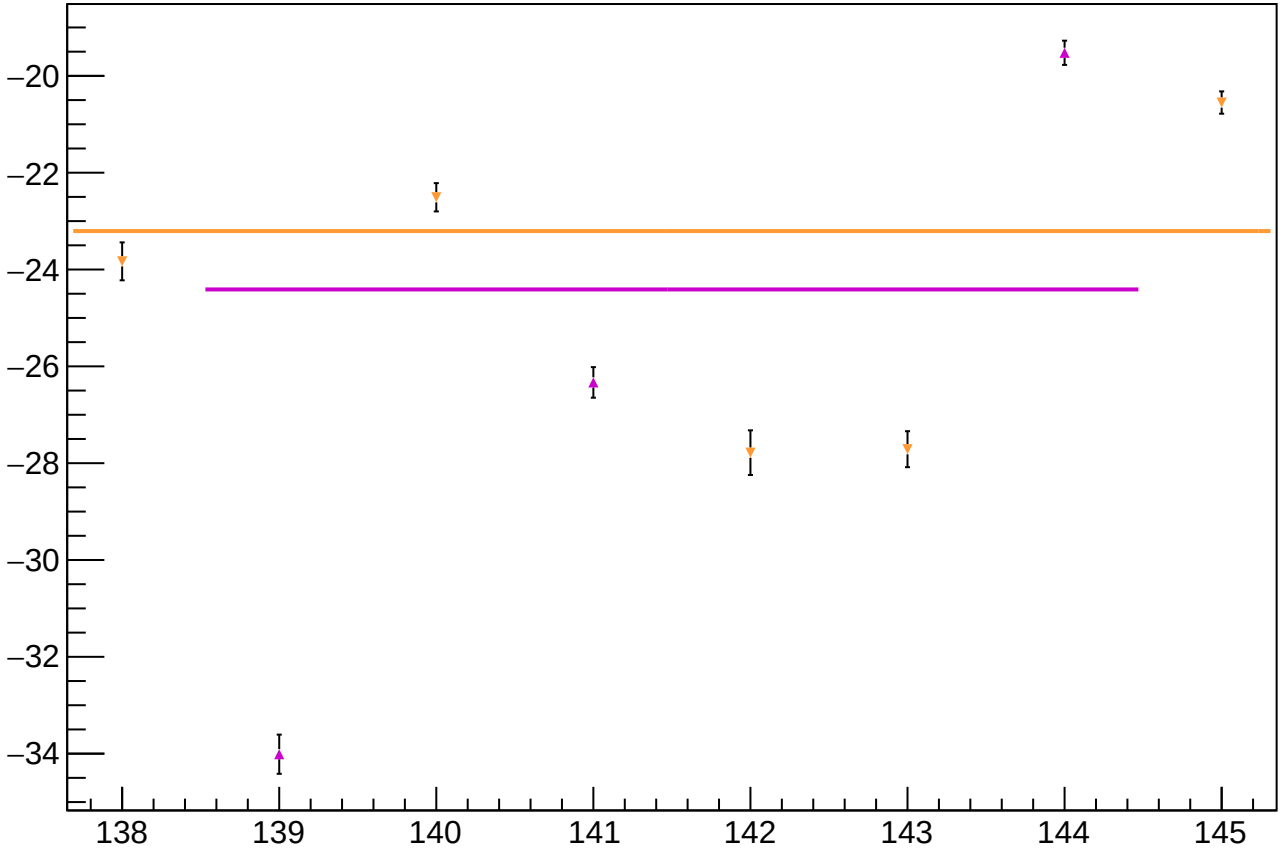
Left In: 2.327+/-0.128 χ^2/NDF:140.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.734+/-0.081 χ^2/NDF: 456.7/7

- 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: -23.206+/-0.143 χ^2/NDF:386.4/4

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

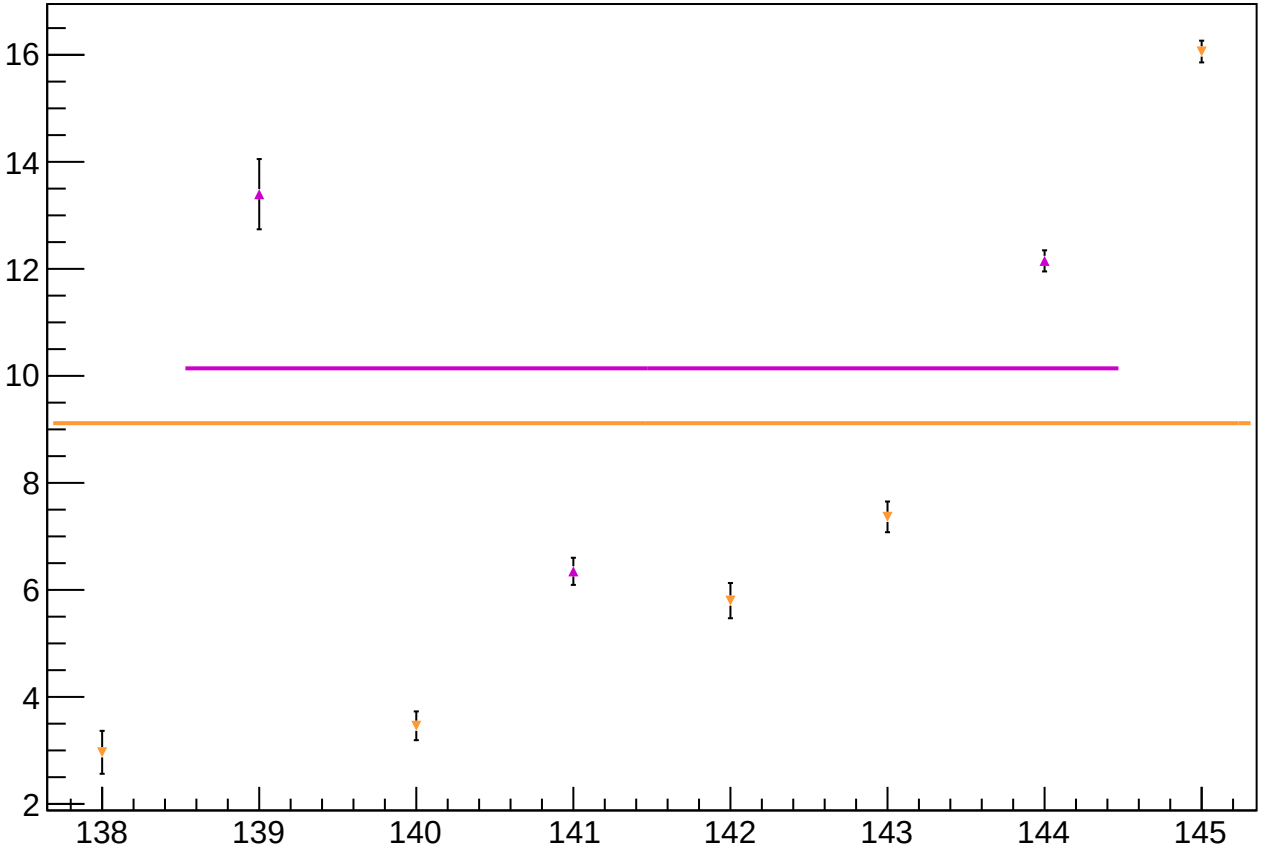
Left In: -24.411+/-0.177 χ^2/NDF:981.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -23.683+/-0.111 χ^2/NDF: 1395.6/7

- 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: 9.116+/-0.123 χ^2/NDF:1983.9/4

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

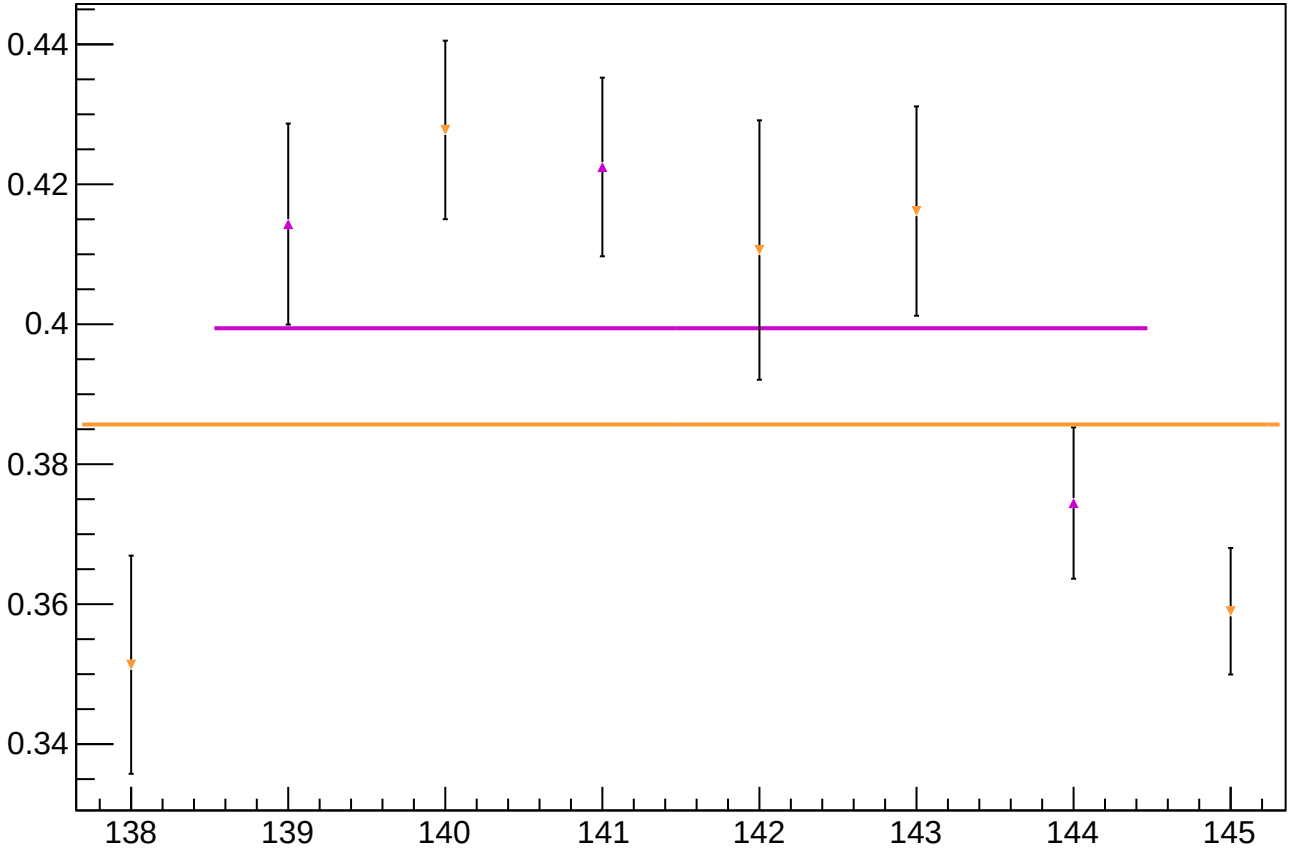
Left In: 10.141+/-0.152 χ^2/NDF:351.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.525+/-0.096 χ^2/NDF: 2363.0/7

- 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: 0.386+/-0.006 χ^2/NDF:30.4/4

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

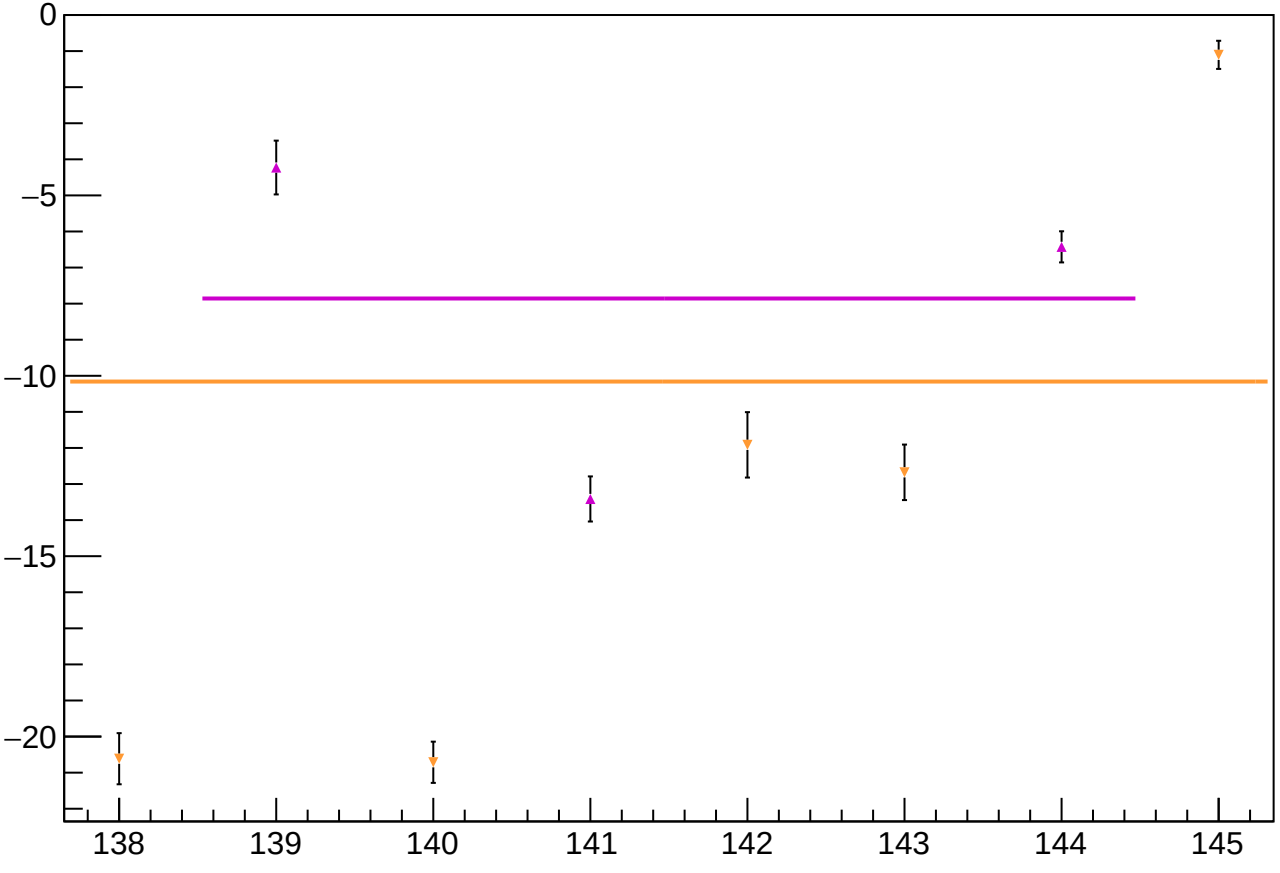
Left In: 0.399+/-0.007 χ^2/NDF:9.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.391+/-0.004 χ^2/NDF: 42.3/7

- 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: -10.160+/-0.262 χ^2/NDF:1112.1/4

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

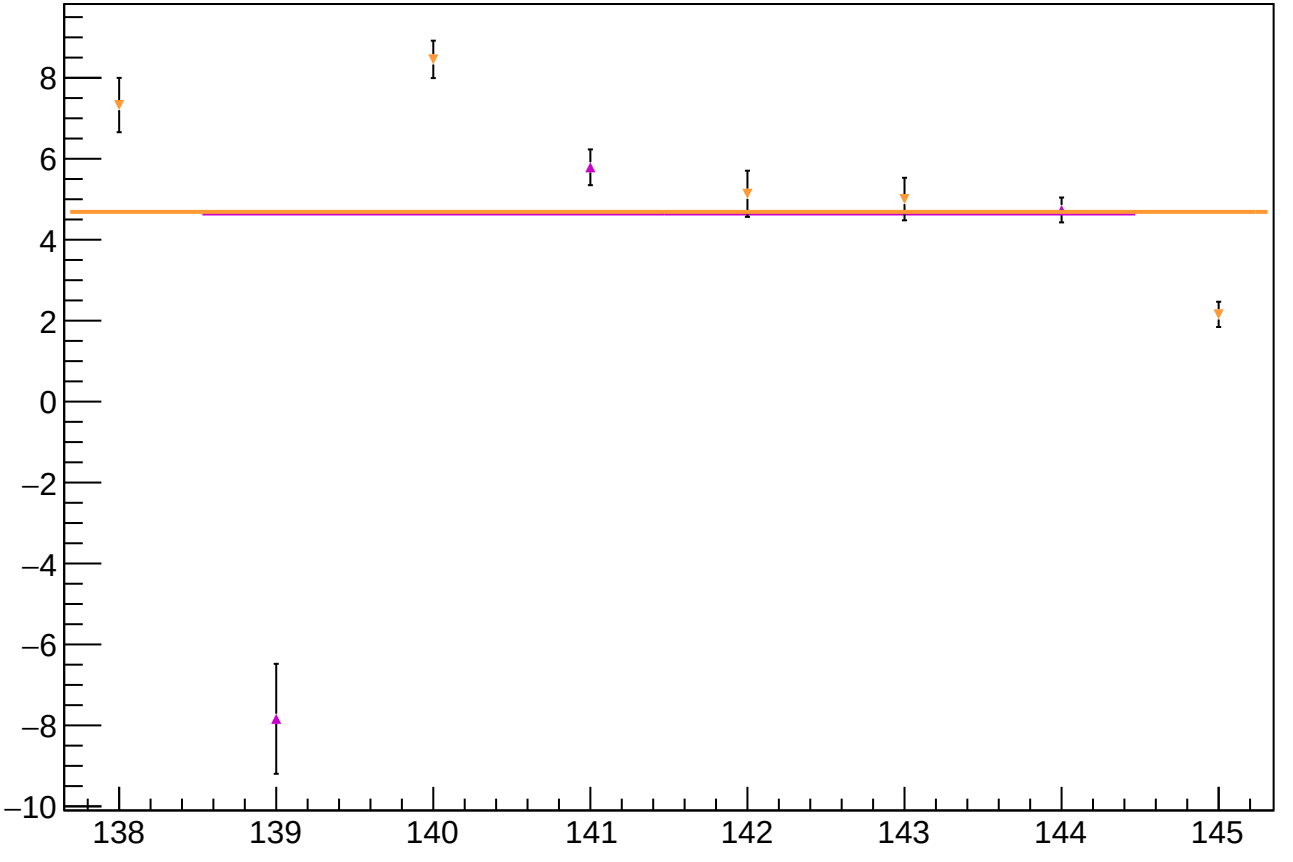
Left In: -7.858+/-0.321 χ^2/NDF:113.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.236+/-0.203 χ^2/NDF: 1256.7/7

- 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: 4.688+/-0.205 χ^2/NDF:148.7/4

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

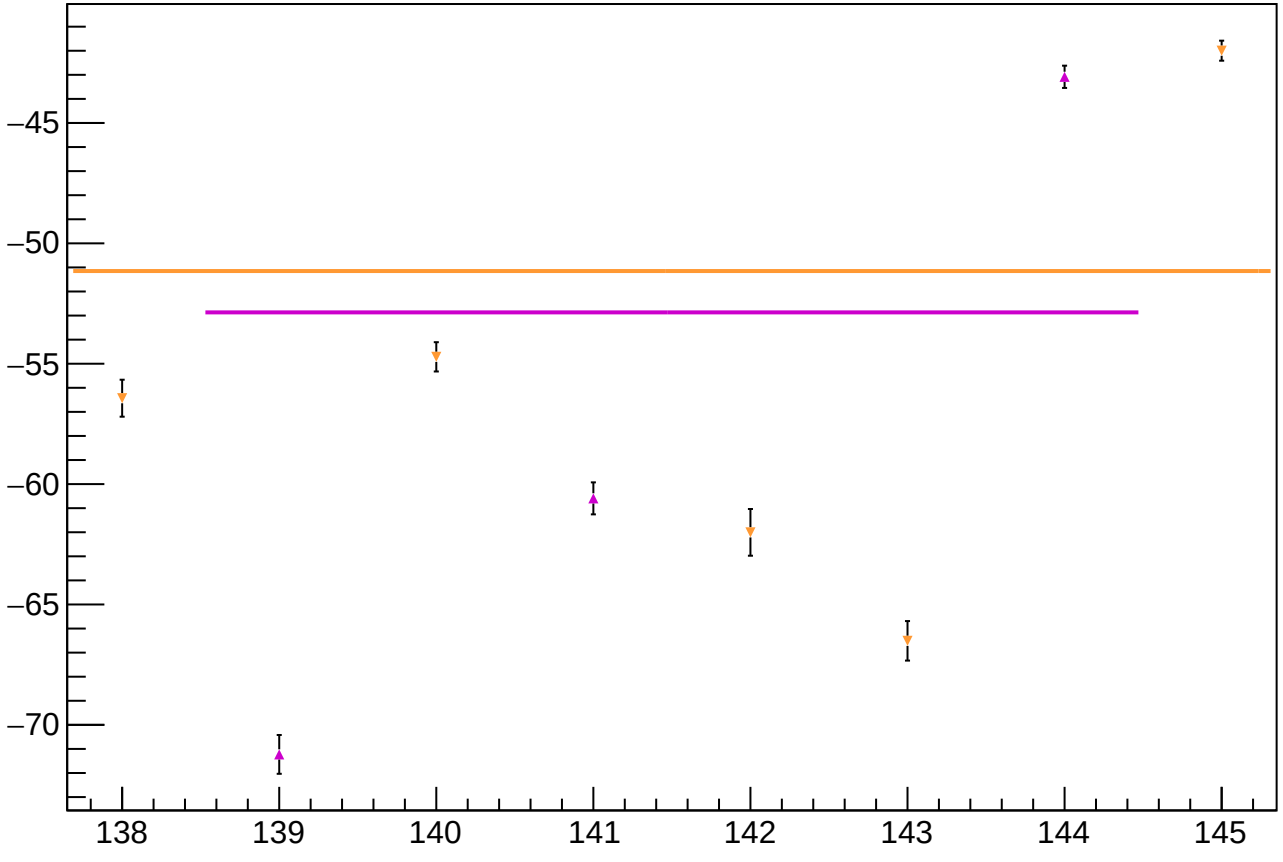
Left In: 4.648+/-0.248 χ^2/NDF:91.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.672+/-0.158 χ^2/NDF: 239.9/7

- 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: -51.150+/-0.280 χ^2/NDF:1041.3/4

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

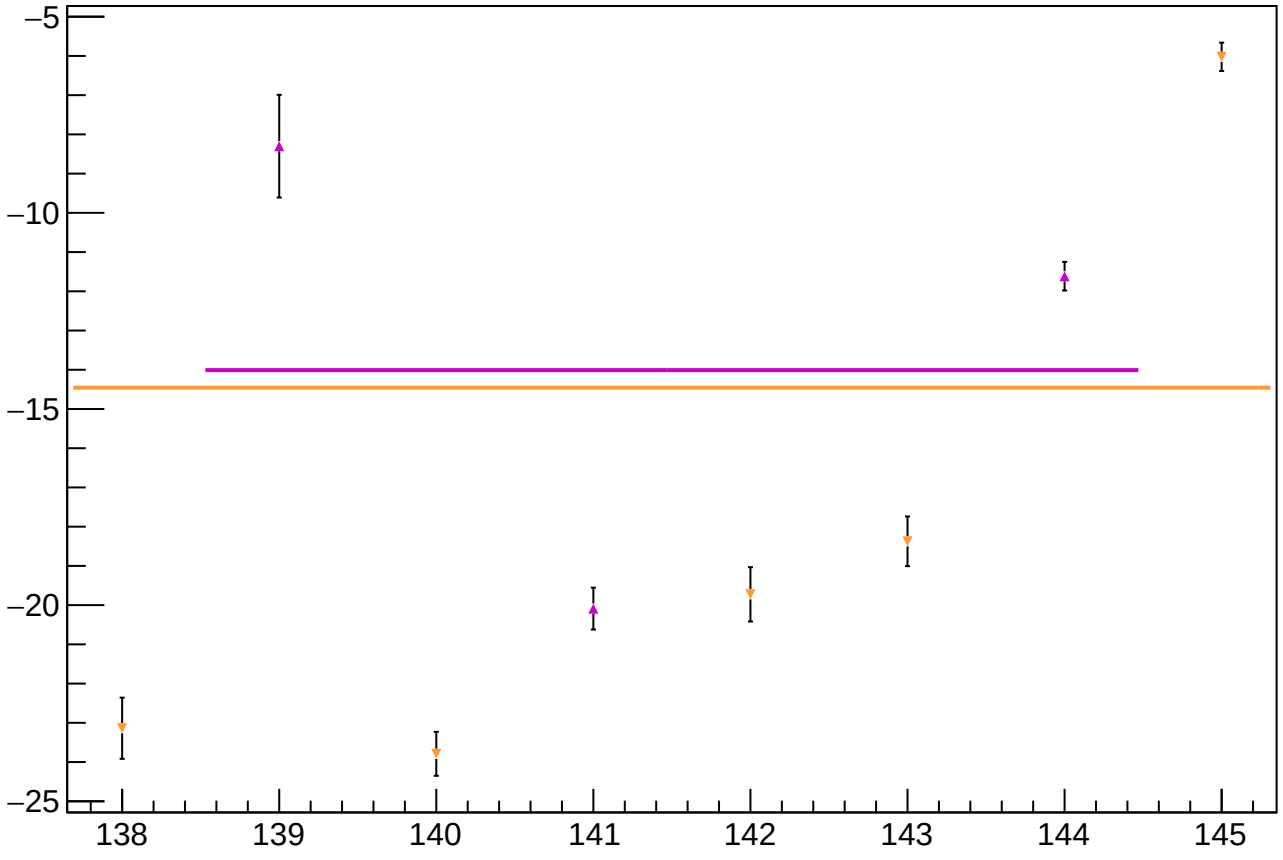
Left In: -52.867+/-0.343 χ^2/NDF:1101.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -51.837+/-0.217 χ^2/NDF: 2157.9/7

- 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: -14.457+/-0.242 χ^2/NDF:1044.0/4

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

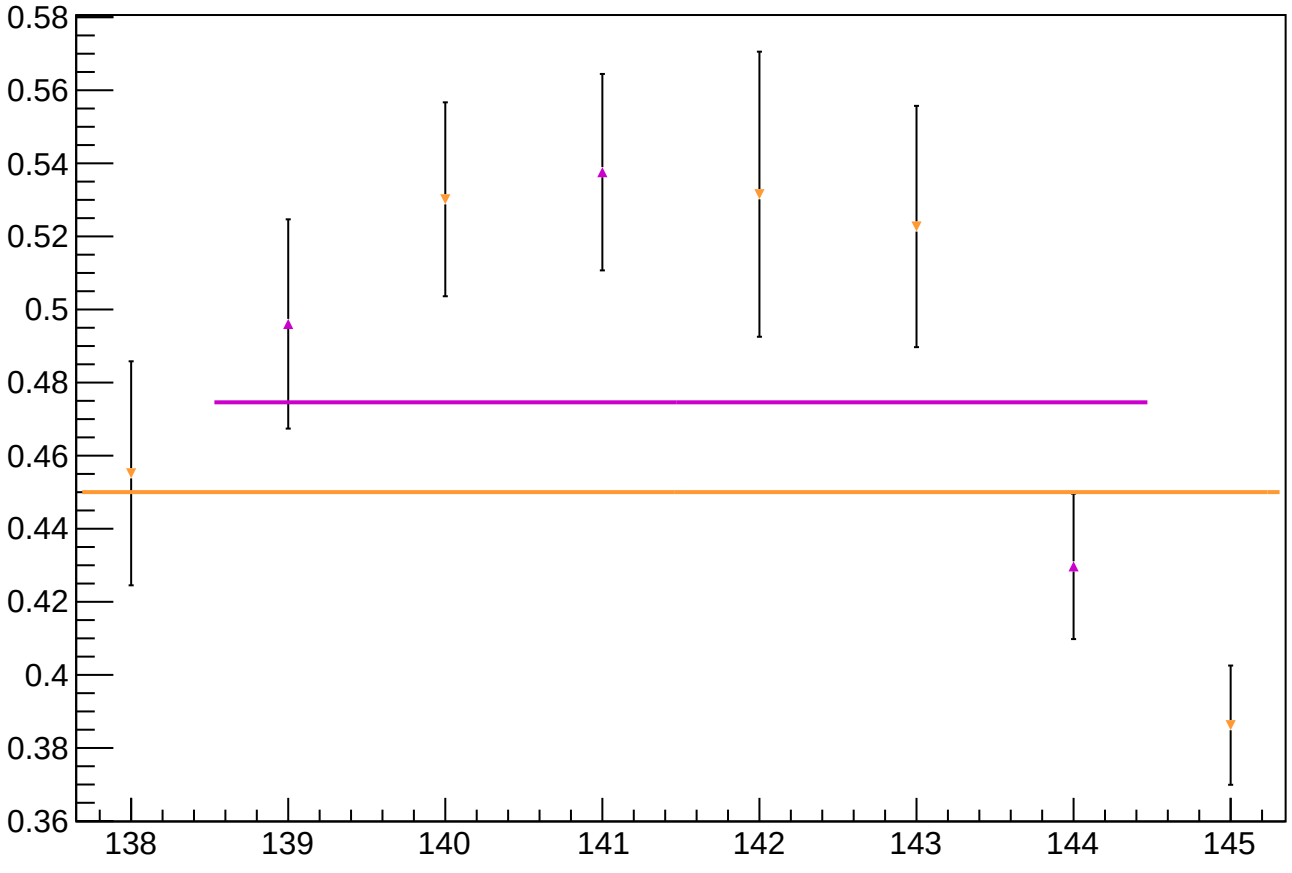
Left In: -14.009+/-0.293 χ^2/NDF:191.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.275+/-0.187 χ^2/NDF: 1237.1/7

- 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: 0.450+/-0.011 χ^2/NDF:33.6/4

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

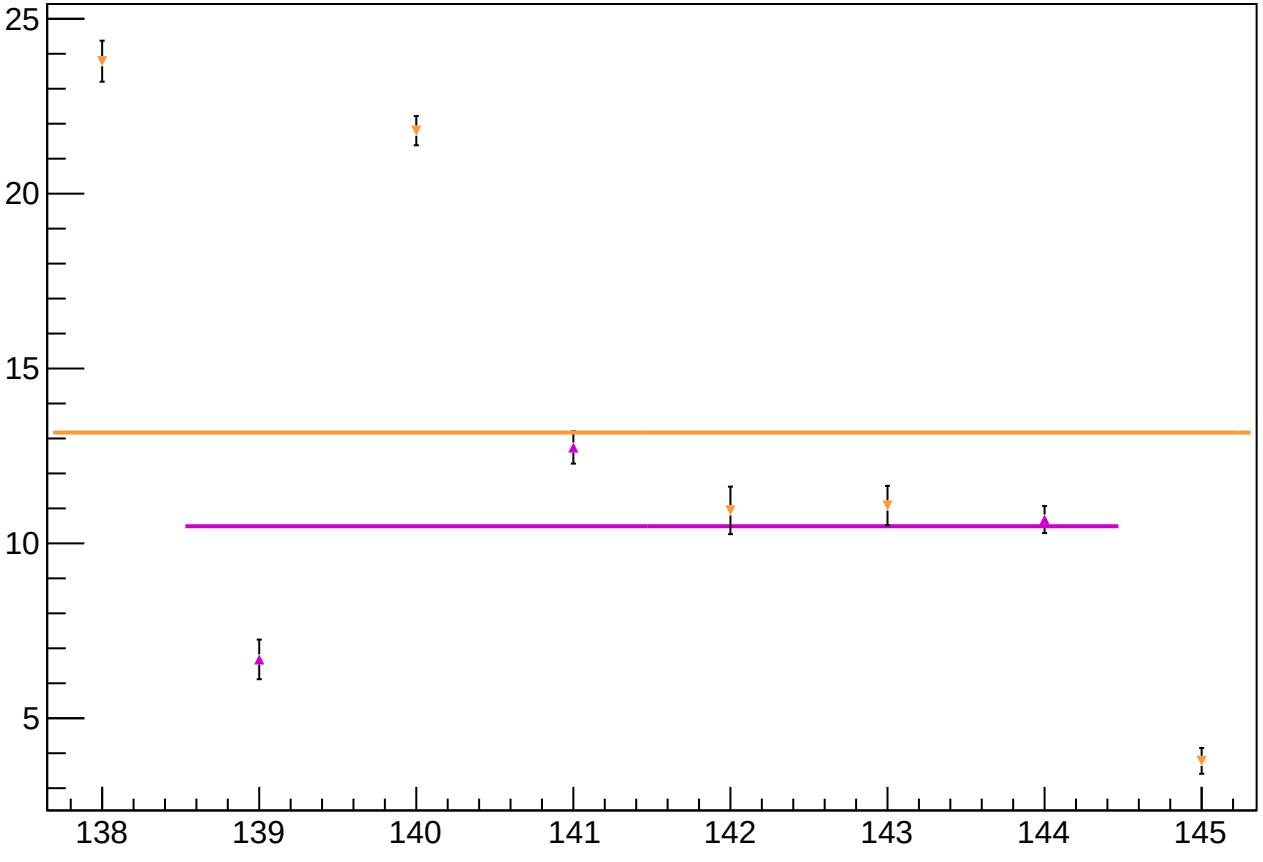
Left In: 0.475+/-0.014 χ^2/NDF:11.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.460+/-0.009 χ^2/NDF: 46.7/7

- 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: 13.169+/-0.217 χ^2/NDF:1423.6/4

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

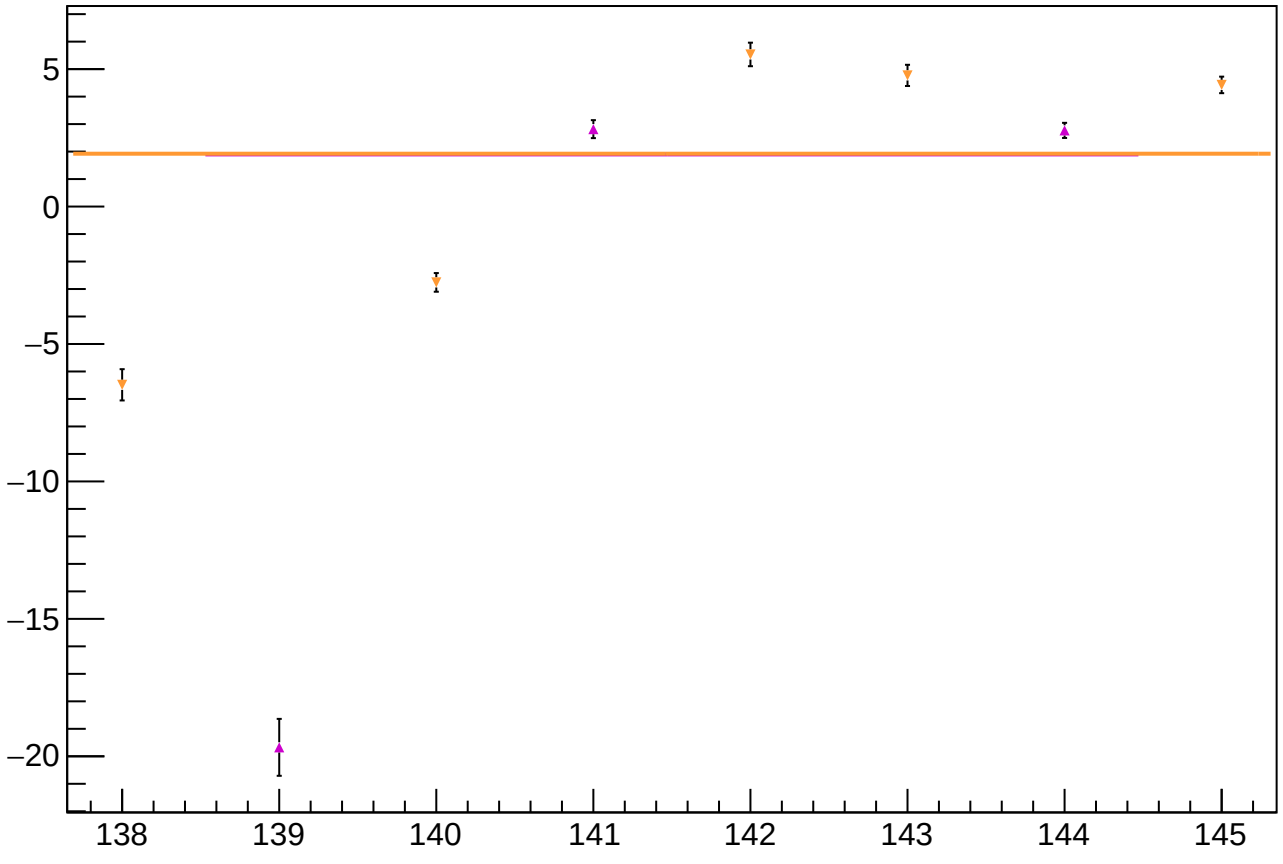
Left In: 10.490+/-0.262 χ^2/NDF:69.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 12.082+/-0.167 χ^2/NDF: 1554.8/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 1.922+/-0.169 χ^2/NDF:603.4/4

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

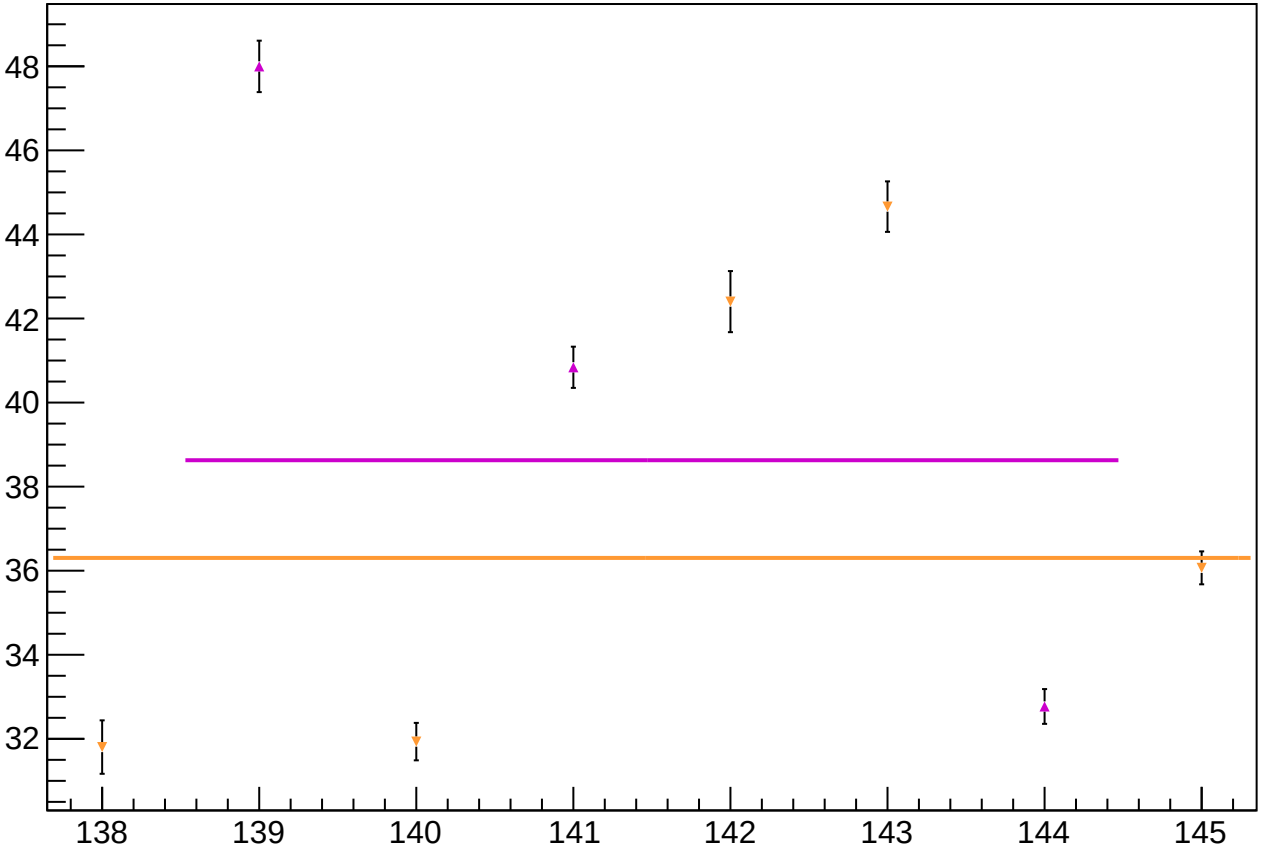
Left In: 1.897+/-0.206 χ^2/NDF:452.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.912+/-0.131 χ^2/NDF: 1055.5/7

- 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: 36.304+/-0.231 χ^2/NDF:410.6/4

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

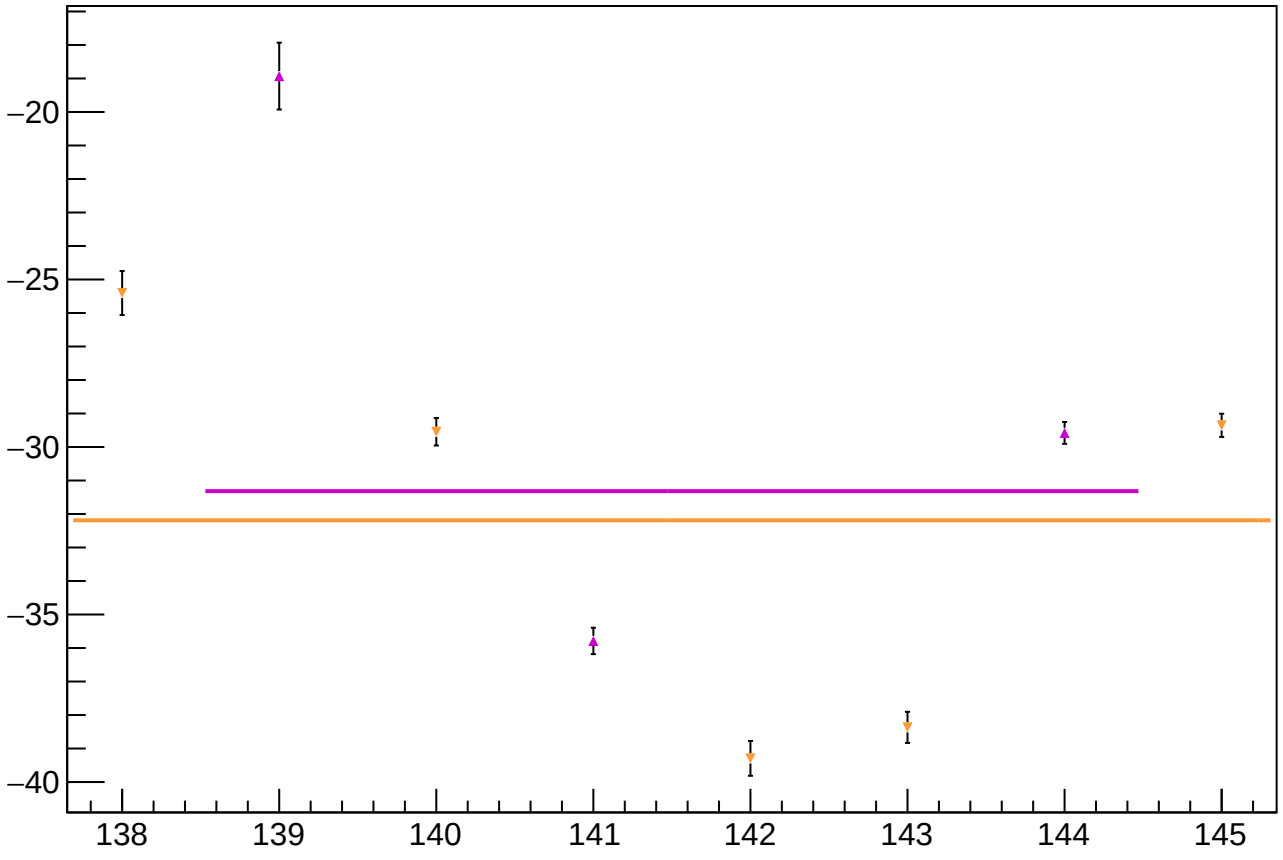
Left In: 38.628+/-0.281 χ^2/NDF:455.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 37.243+/-0.179 χ^2/NDF: 906.6/7

- 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: -32.188+/-0.200 χ^2/NDF:579.4/4

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

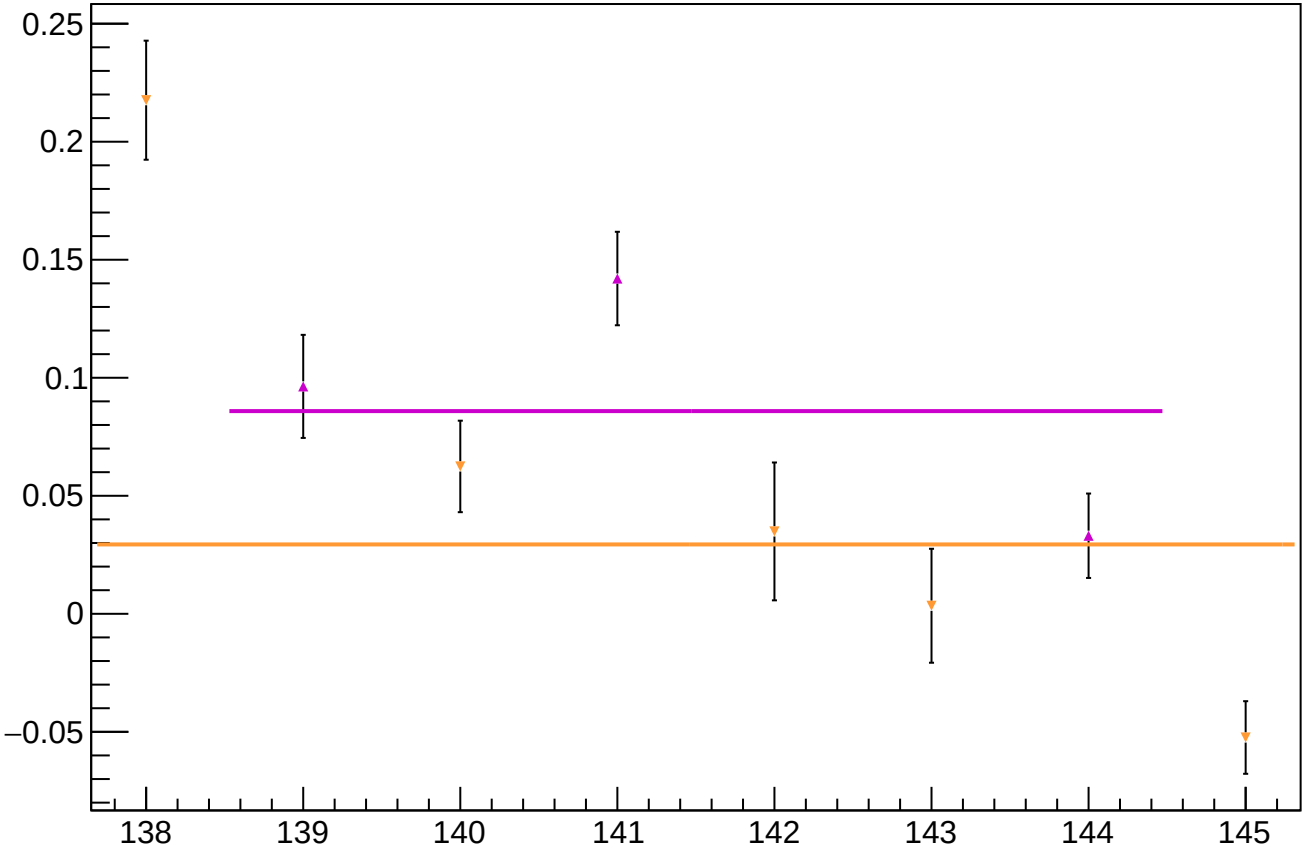
Left In: -31.317+/-0.244 χ^2/NDF:311.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -31.837+/-0.155 χ^2/NDF: 898.1/7

- 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: 0.029+/-0.009 χ^2/NDF:88.1/4

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

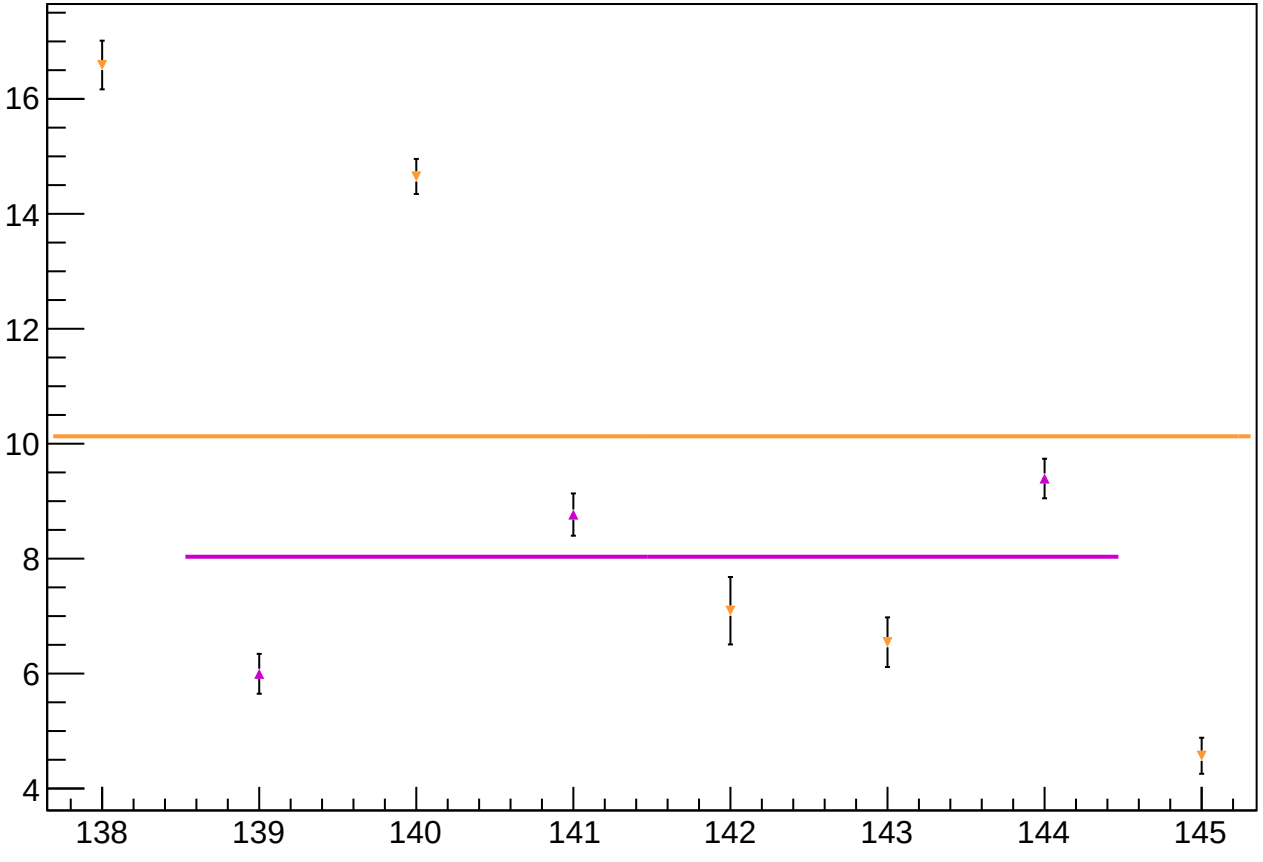
Left In: 0.086+/-0.011 χ^2/NDF:17.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.052+/-0.007 χ^2/NDF: 119.8/7

- 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: 10.128+/-0.170 χ^2/NDF:861.6/4

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

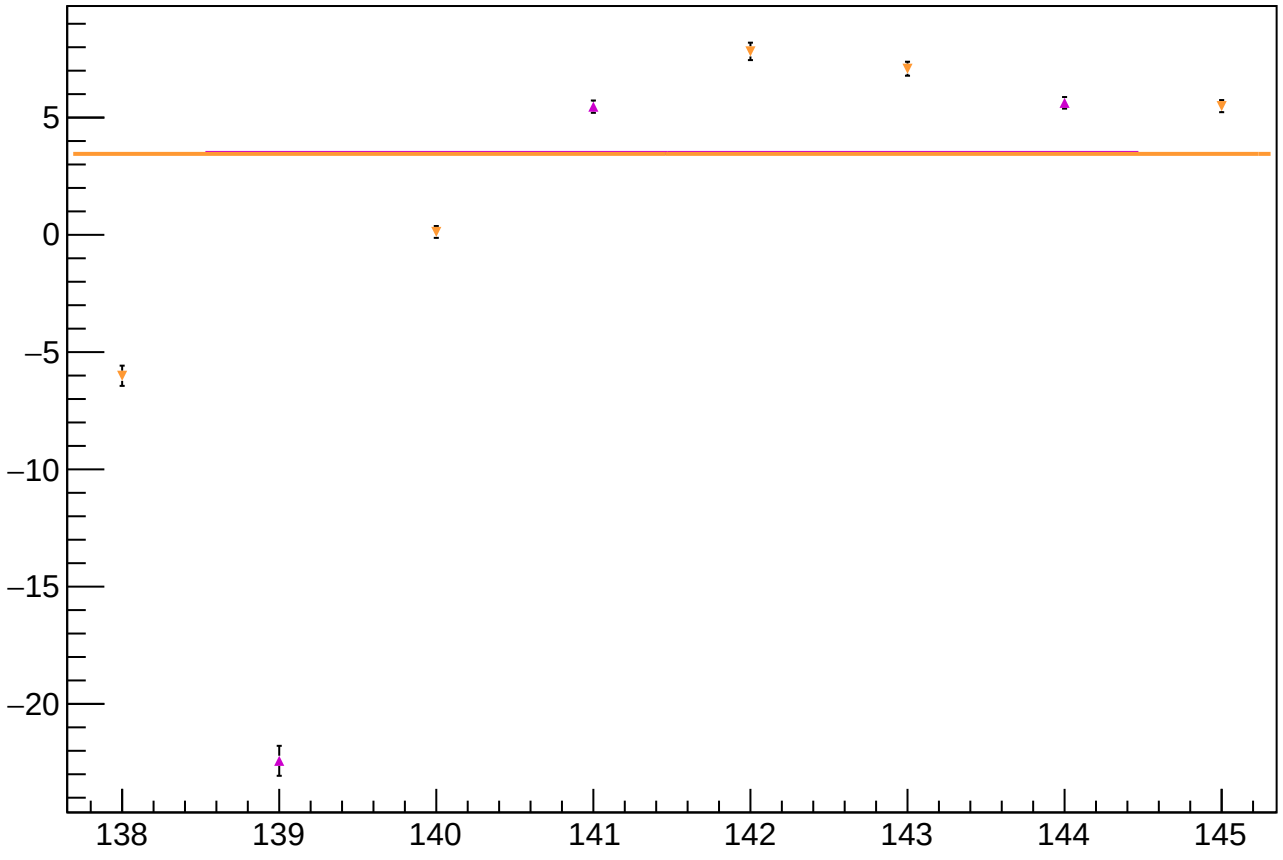
Left In: 8.033+/-0.204 χ^2/NDF:54.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 9.270+/-0.130 χ^2/NDF: 978.1/7

- 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: 3.452+/-0.136 χ^2/NDF:1002.8/4

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

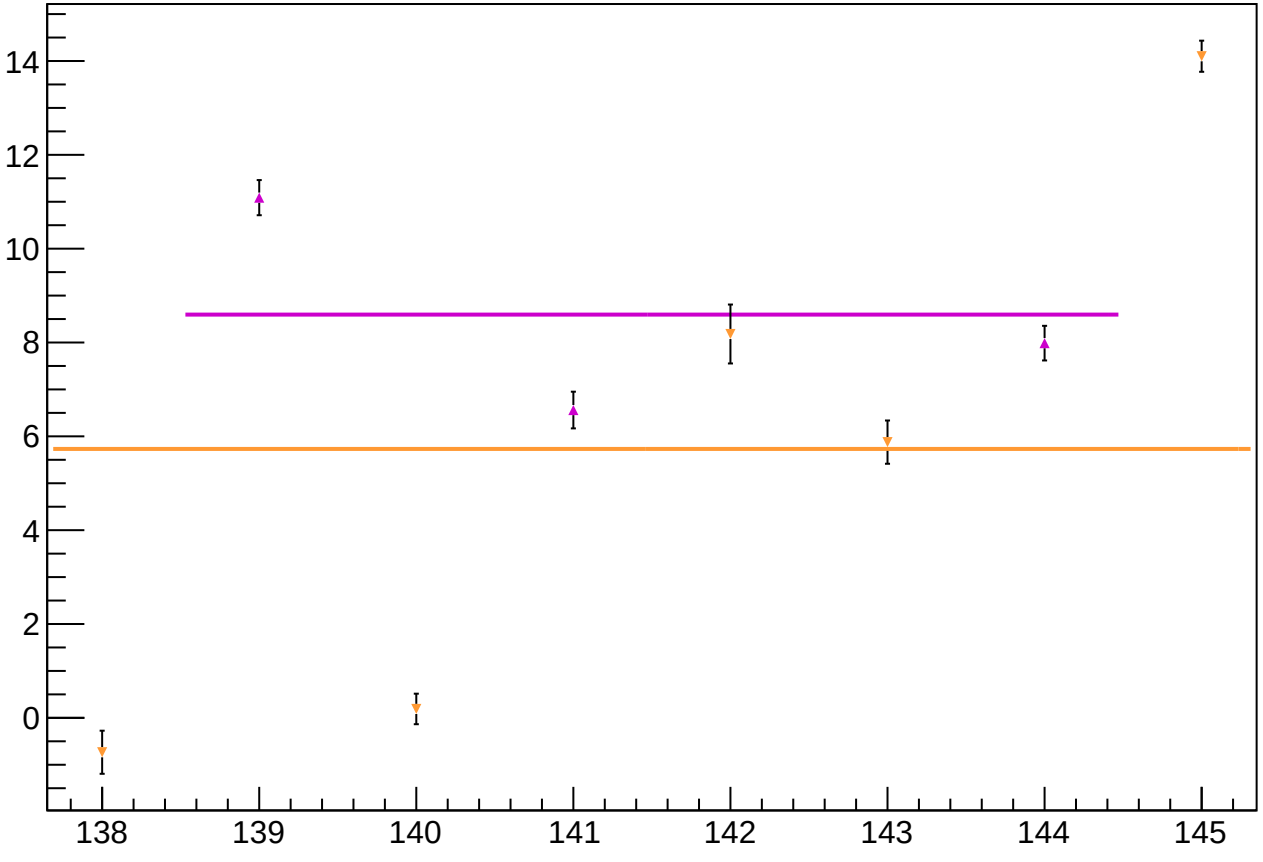
Left In: 3.493+/-0.173 χ^2/NDF:1776.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.468+/-0.107 χ^2/NDF: 2779.3/7

- 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: 5.732+/-0.181 χ^2/NDF:1140.7/4

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

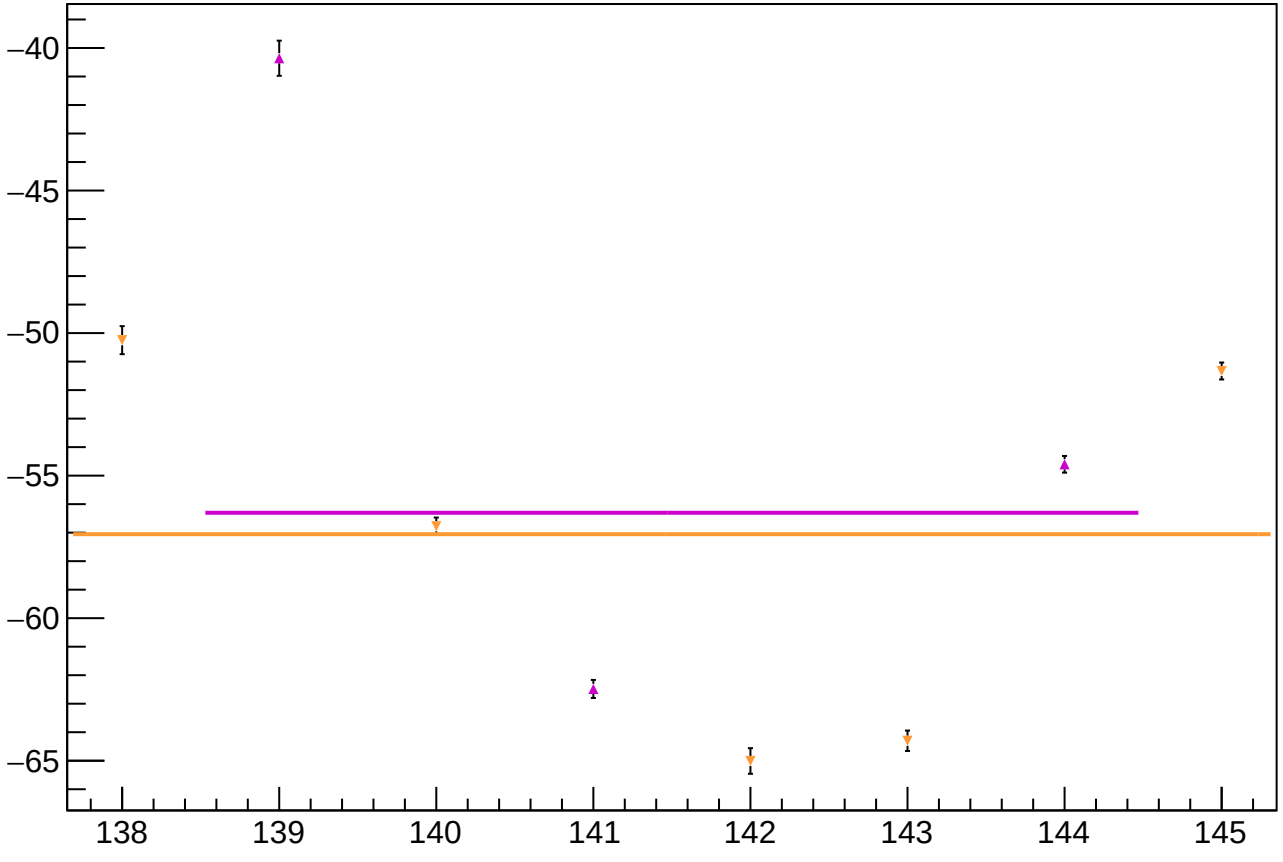
Left In: 8.595+/-0.218 χ^2/NDF:74.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.899+/-0.139 χ^2/NDF: 1316.7/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -57.054+/-0.160 χ^2/NDF:1286.9/4

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

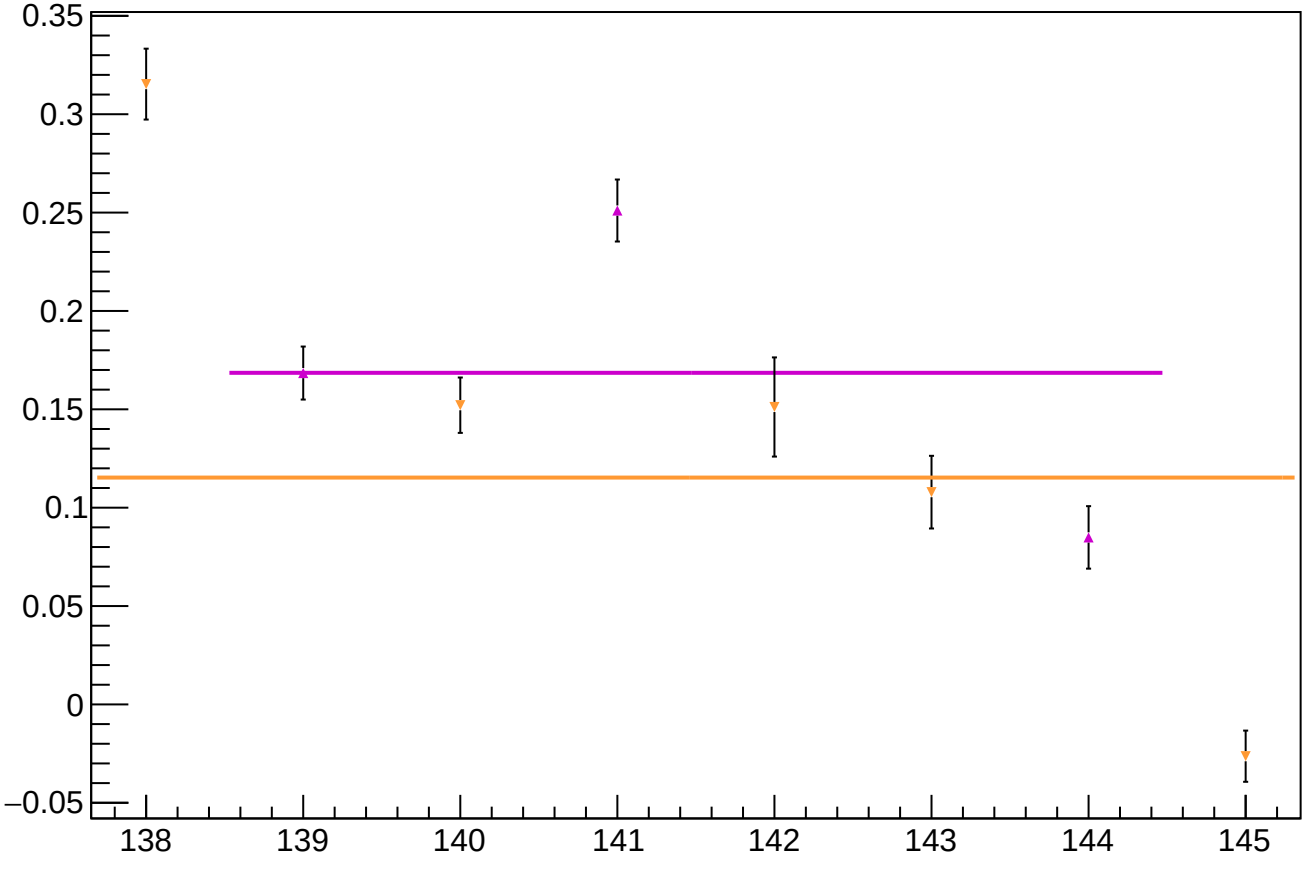
Left In: -56.303+/-0.203 χ^2/NDF:1085.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -56.765+/-0.126 χ^2/NDF: 2381.0/7

- 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: 0.115+/-0.007 χ^2/NDF:250.7/4

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

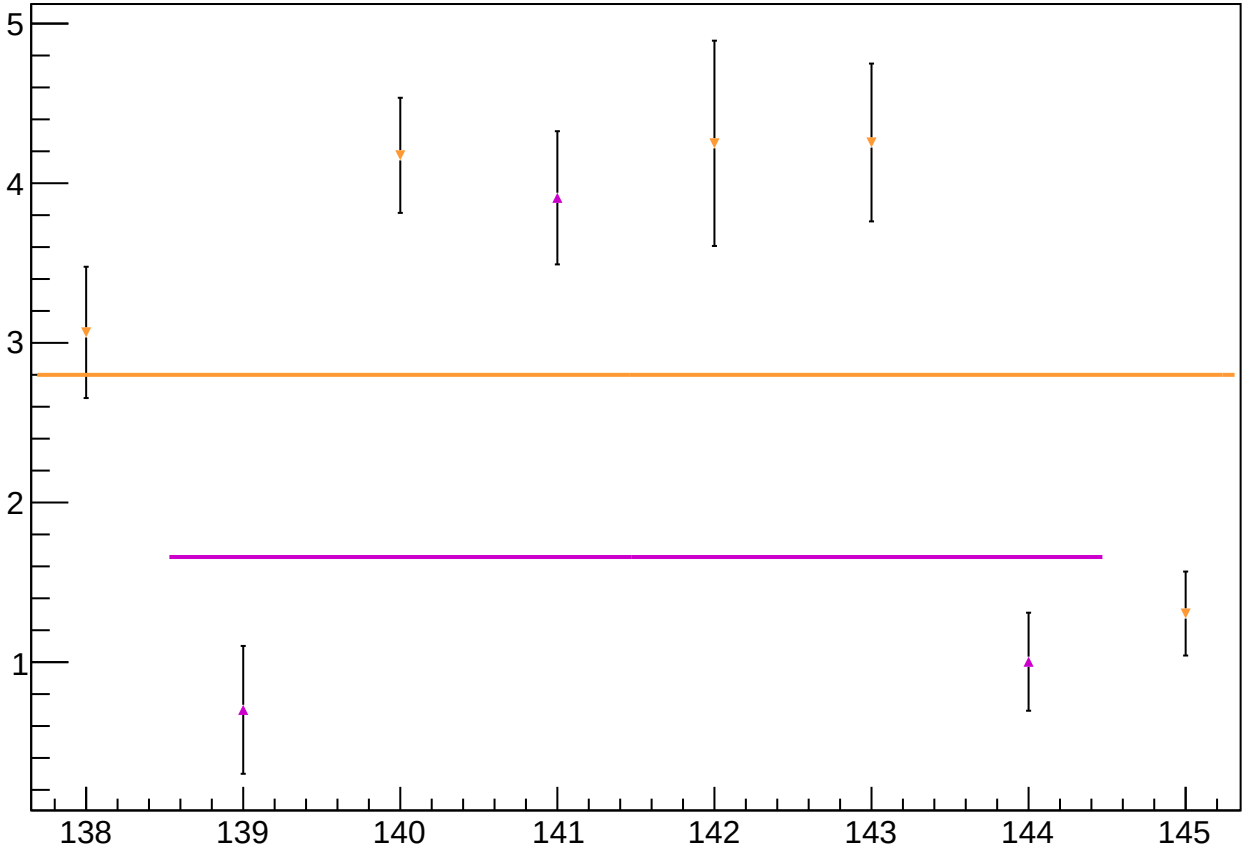
Left In: 0.169+/-0.009 χ^2/NDF:55.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.138+/-0.006 χ^2/NDF: 328.0/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: 2.800+/-0.170 χ^2/NDF:61.0/4

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

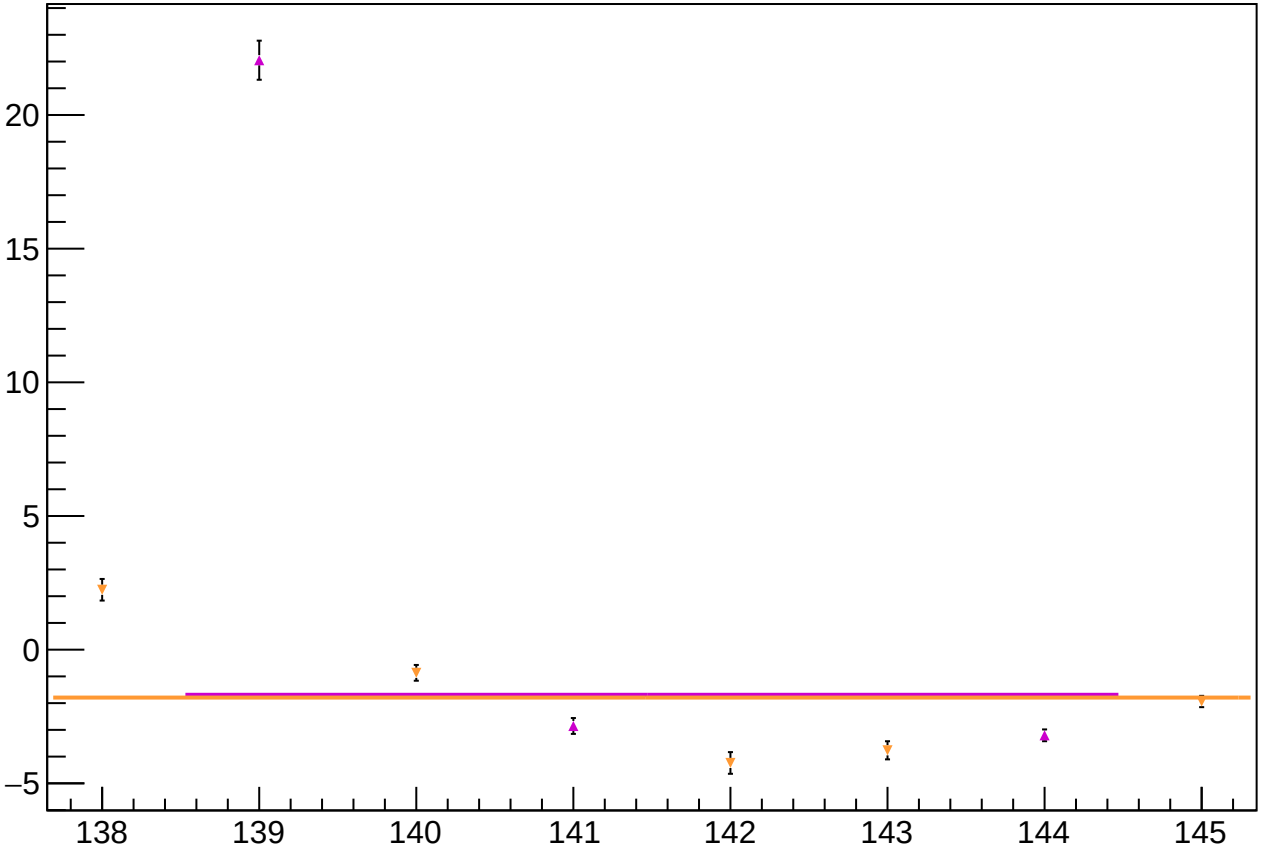
Left In: 1.659+/-0.210 χ^2/NDF:39.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.349+/-0.132 χ^2/NDF: 118.2/7

- 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: -1.792+/-0.135 χ^2/NDF:180.0/4

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

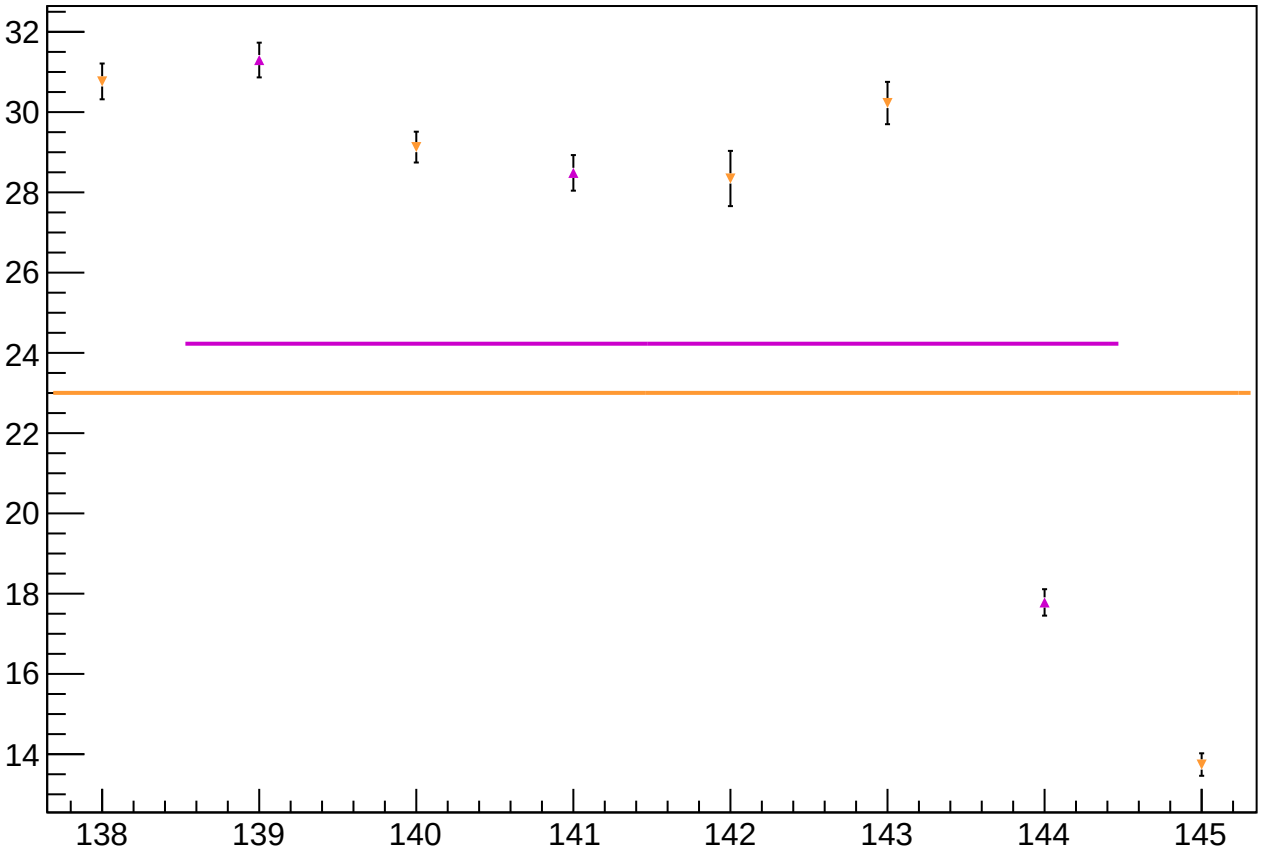
Left In: -1.688+/-0.172 χ^2/NDF:1117.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.752+/-0.106 χ^2/NDF: 1297.3/7

- 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: 23.003+/-0.182 χ^2/NDF:1896.7/4

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

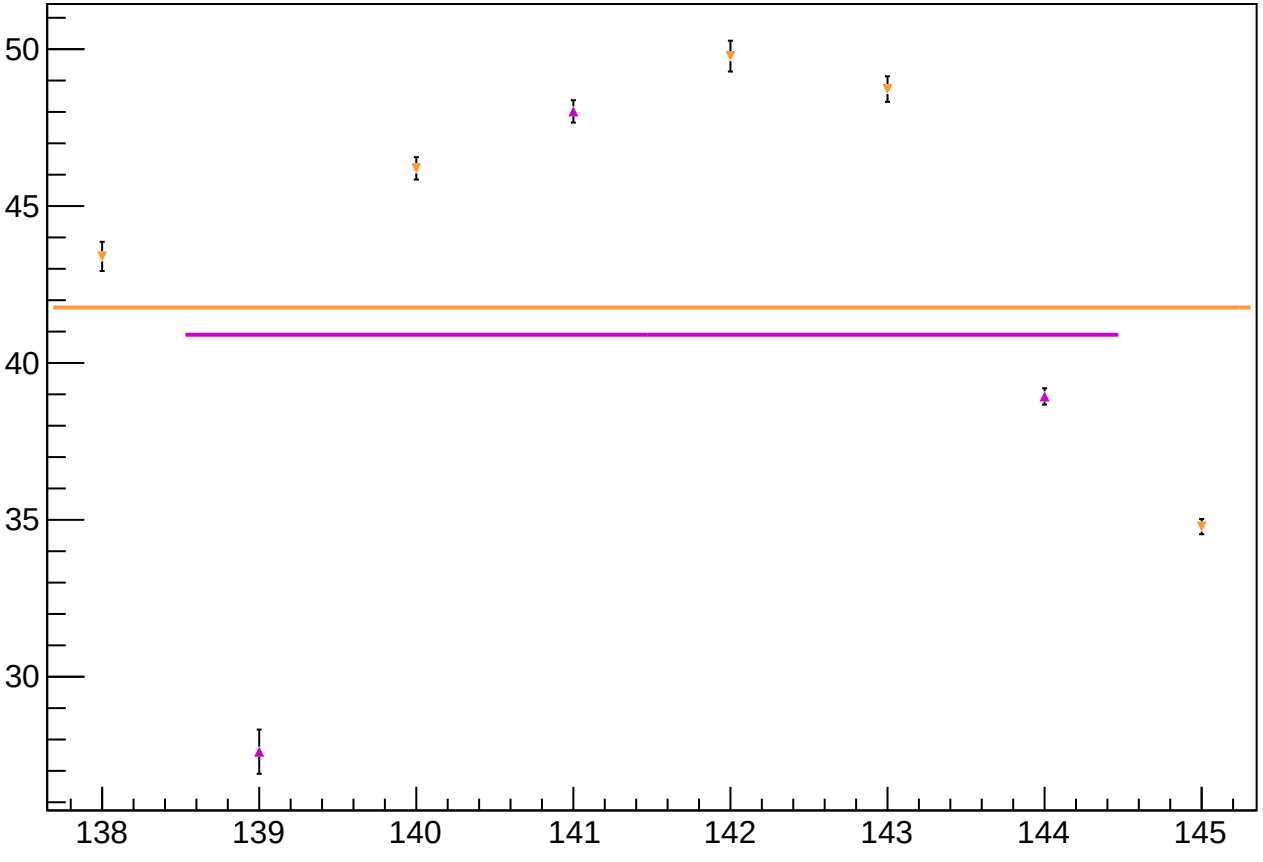
Left In: 24.229+/-0.226 χ^2/NDF:741.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 23.486+/-0.142 χ^2/NDF: 2656.5/7

- 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: 41.766+/-0.159 χ^2/NDF:1542.1/4

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

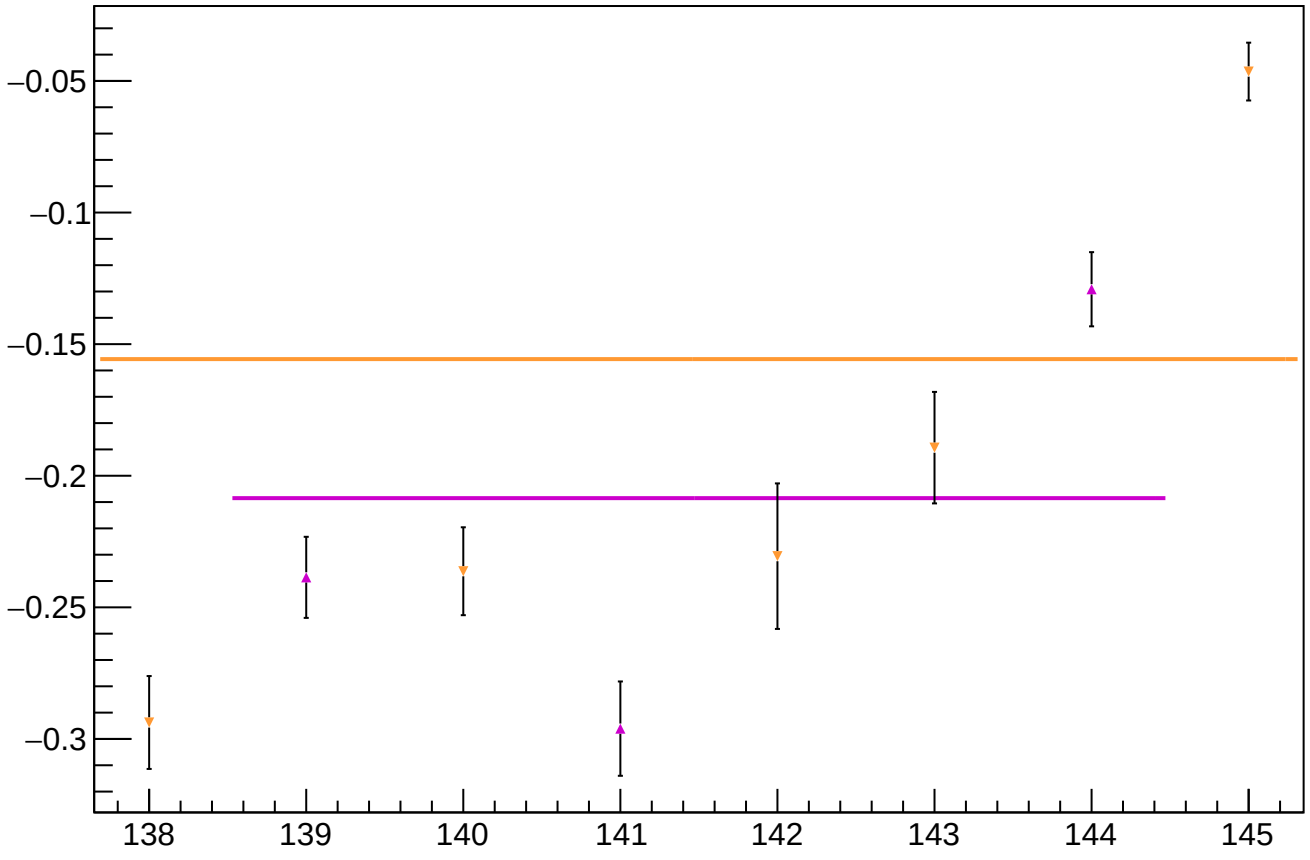
Left In: 40.900+/-0.202 χ^2/NDF:808.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 41.434+/-0.125 χ^2/NDF: 2362.3/7

- 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: -0.156+/-0.007 χ^2/NDF:193.3/4

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

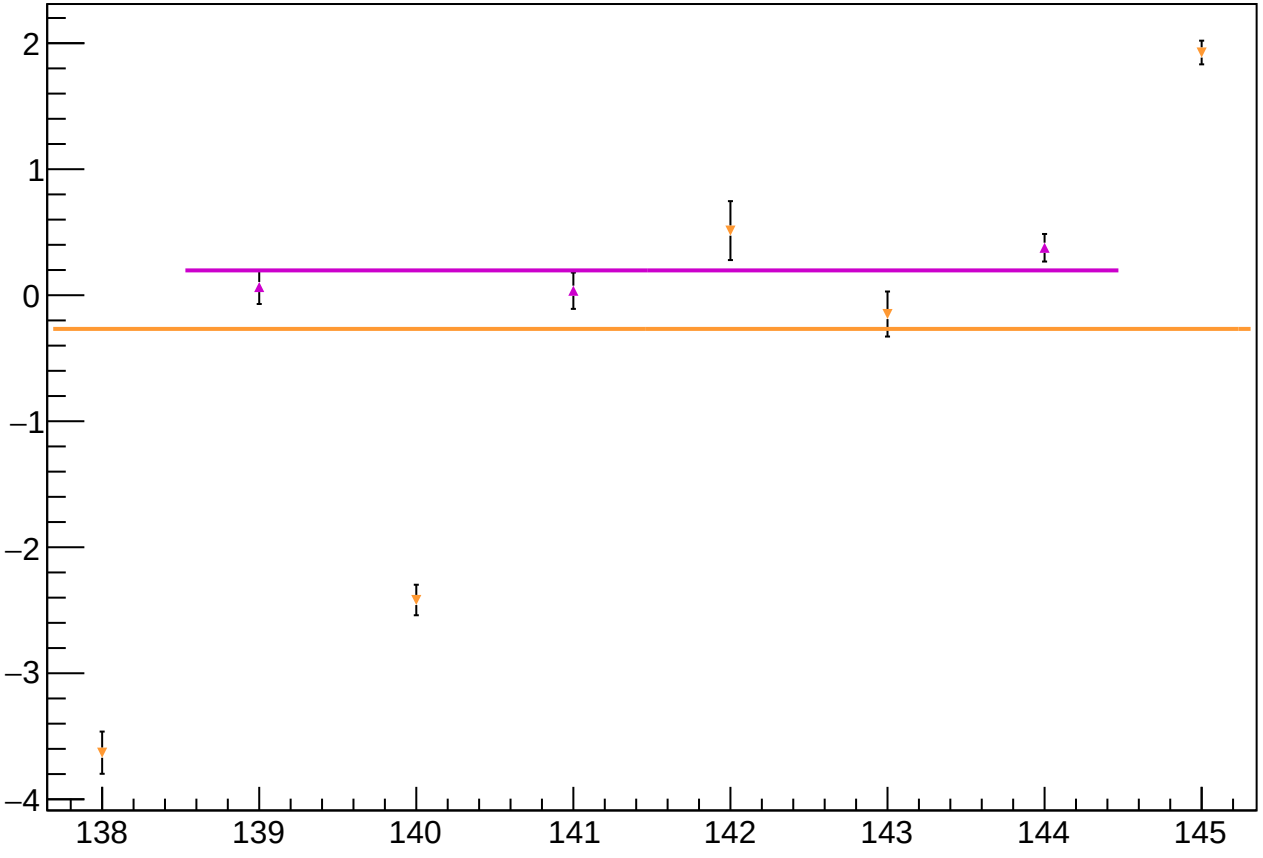
Left In: -0.209+/-0.009 χ^2/NDF:59.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.177+/-0.006 χ^2/NDF: 273.4/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.267+/-0.061 χ^2/NDF:1275.1/4

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

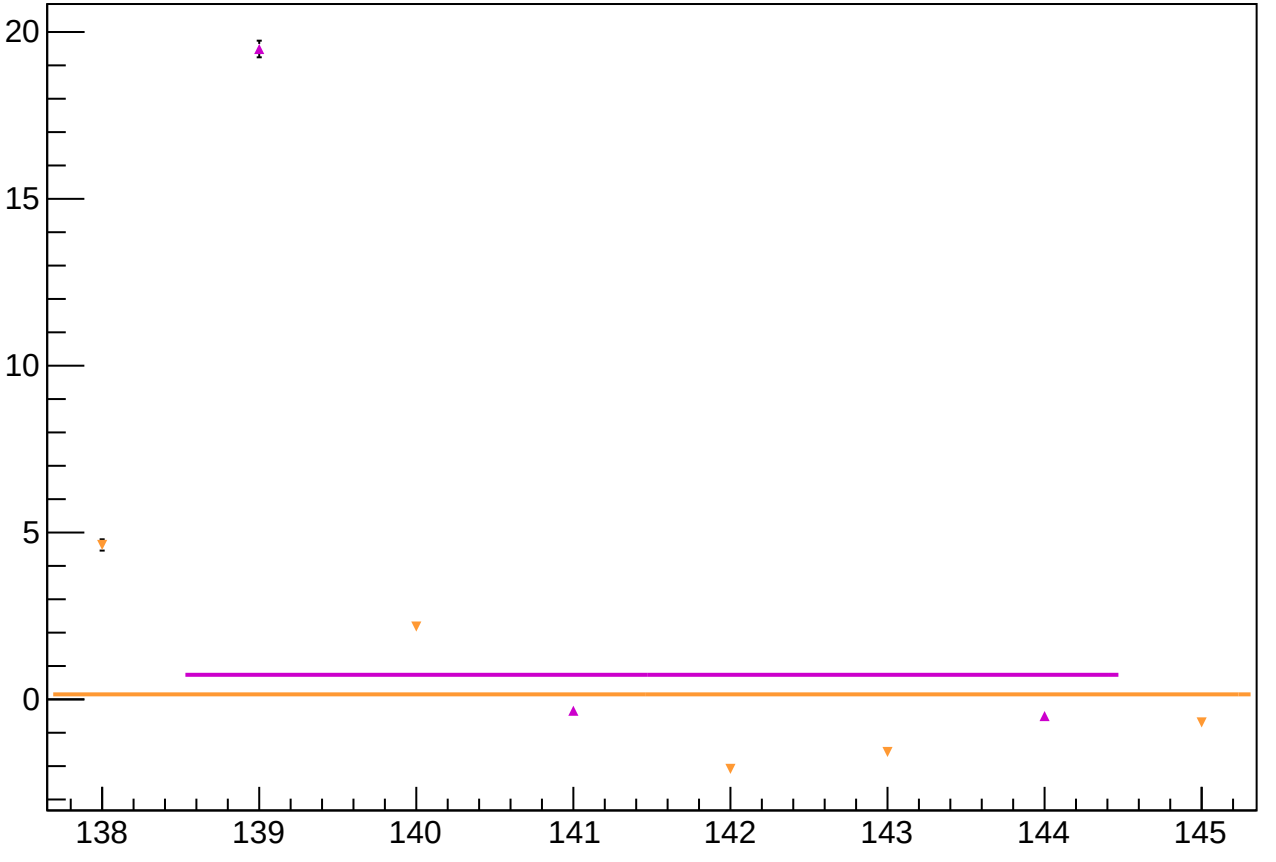
Left In: 0.197+/-0.073 χ^2/NDF:4.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.076+/-0.047 χ^2/NDF: 1303.7/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 0.151+/-0.049 χ^2/NDF:1657.3/4

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

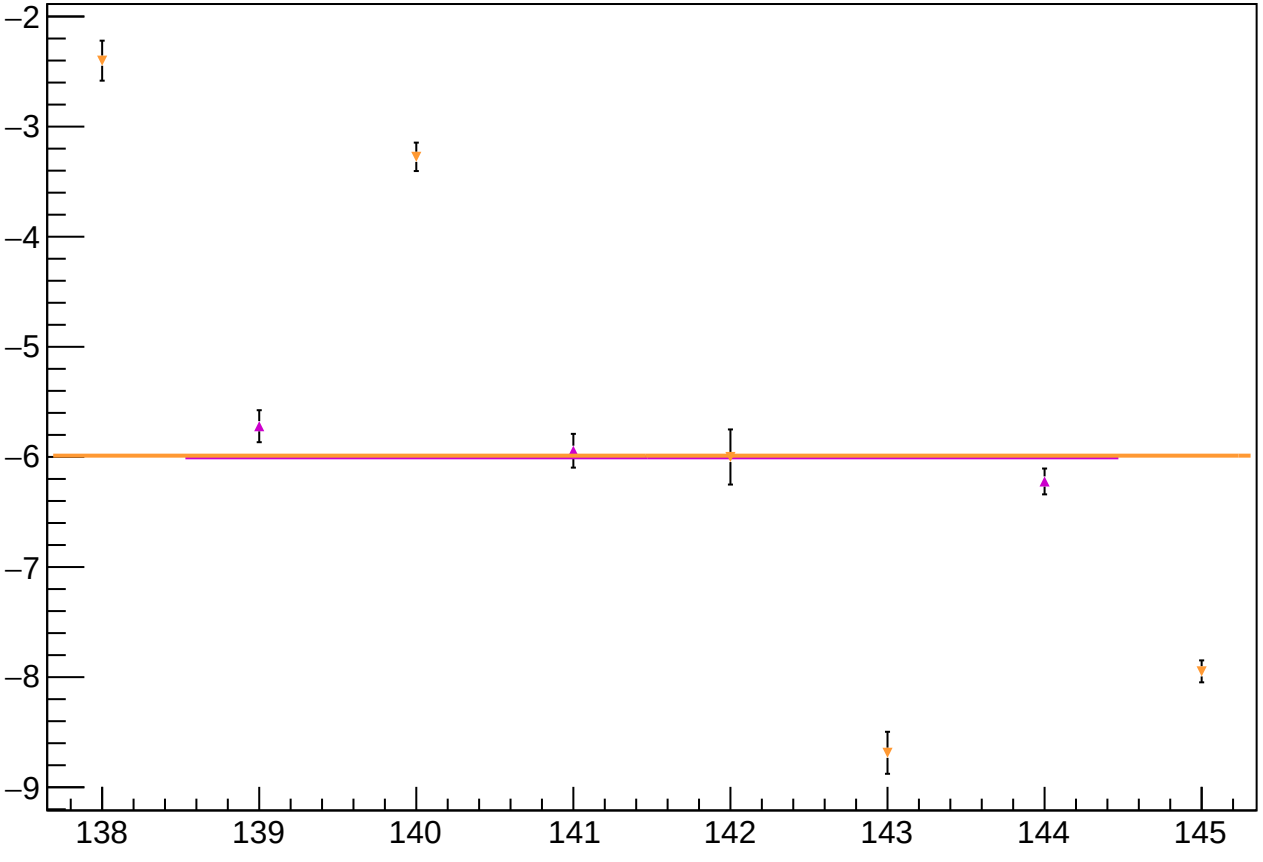
Left In: 0.737+/-0.061 χ^2/NDF:6021.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.382+/-0.038 χ^2/NDF: 7735.3/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: -5.988+/-0.065 χ^2/NDF:1419.3/4

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

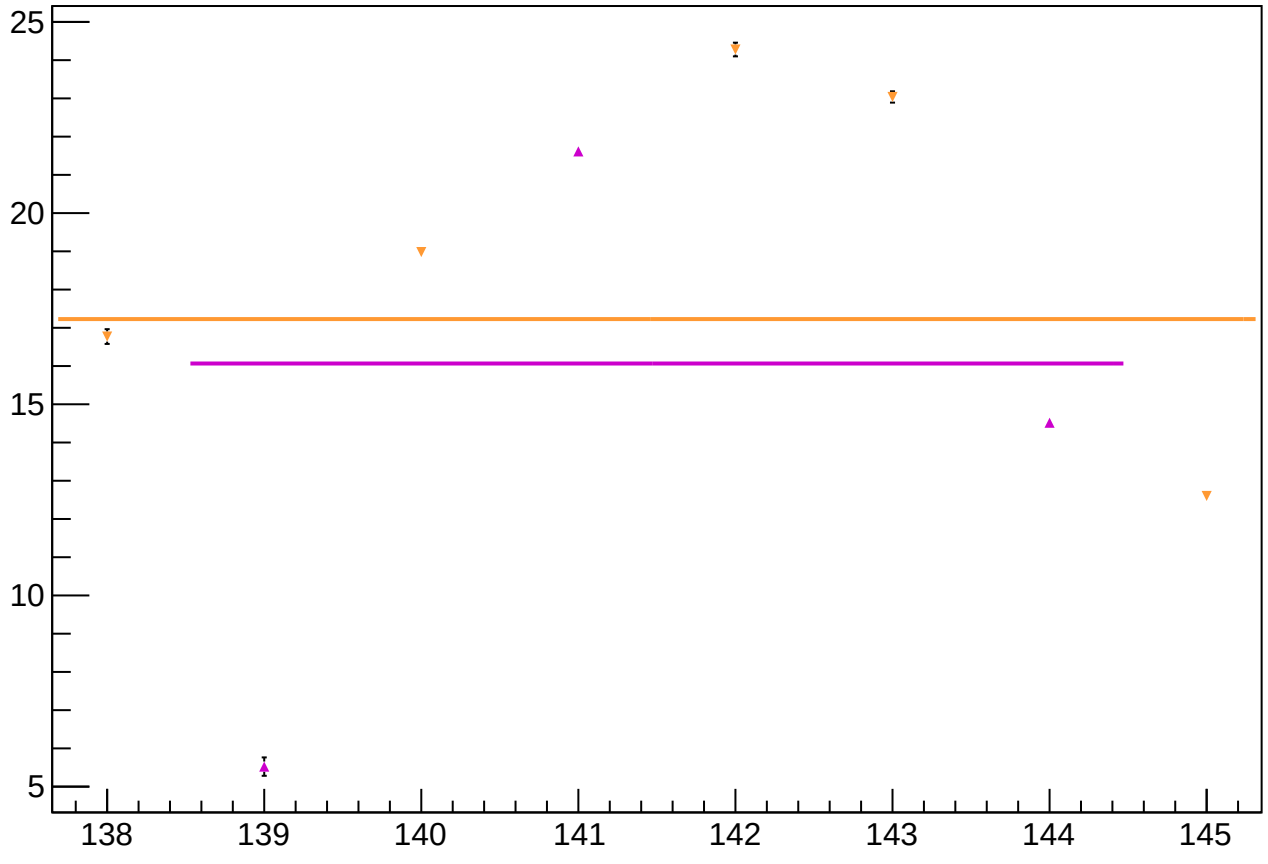
Left In: -6.004+/-0.078 χ^2/NDF:7.4/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.995+/-0.050 χ^2/NDF: 1426.7/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 17.228+/-0.058 χ^2/NDF:6056.8/4

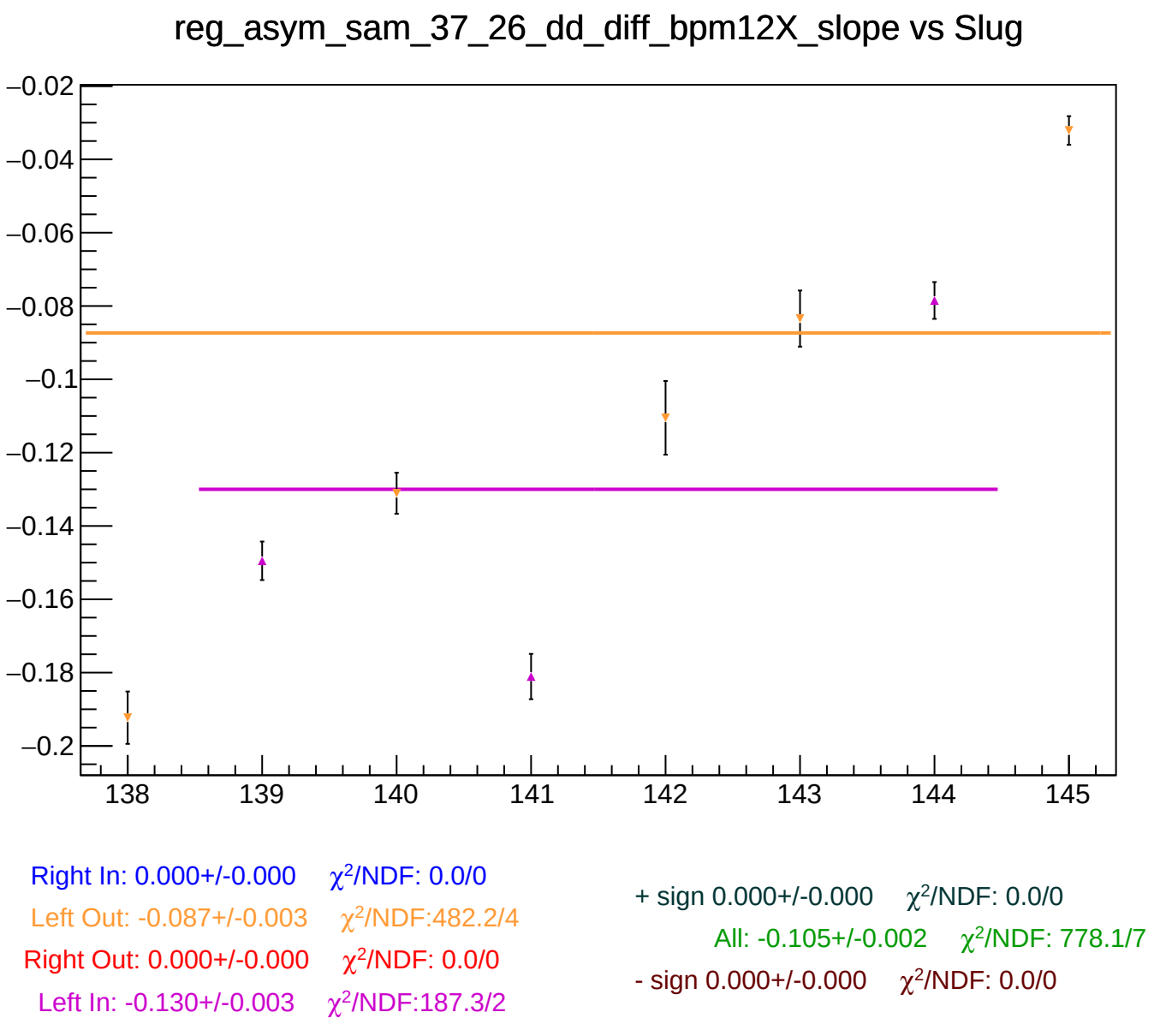
Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 16.066+/-0.071 χ^2/NDF:4208.8/2

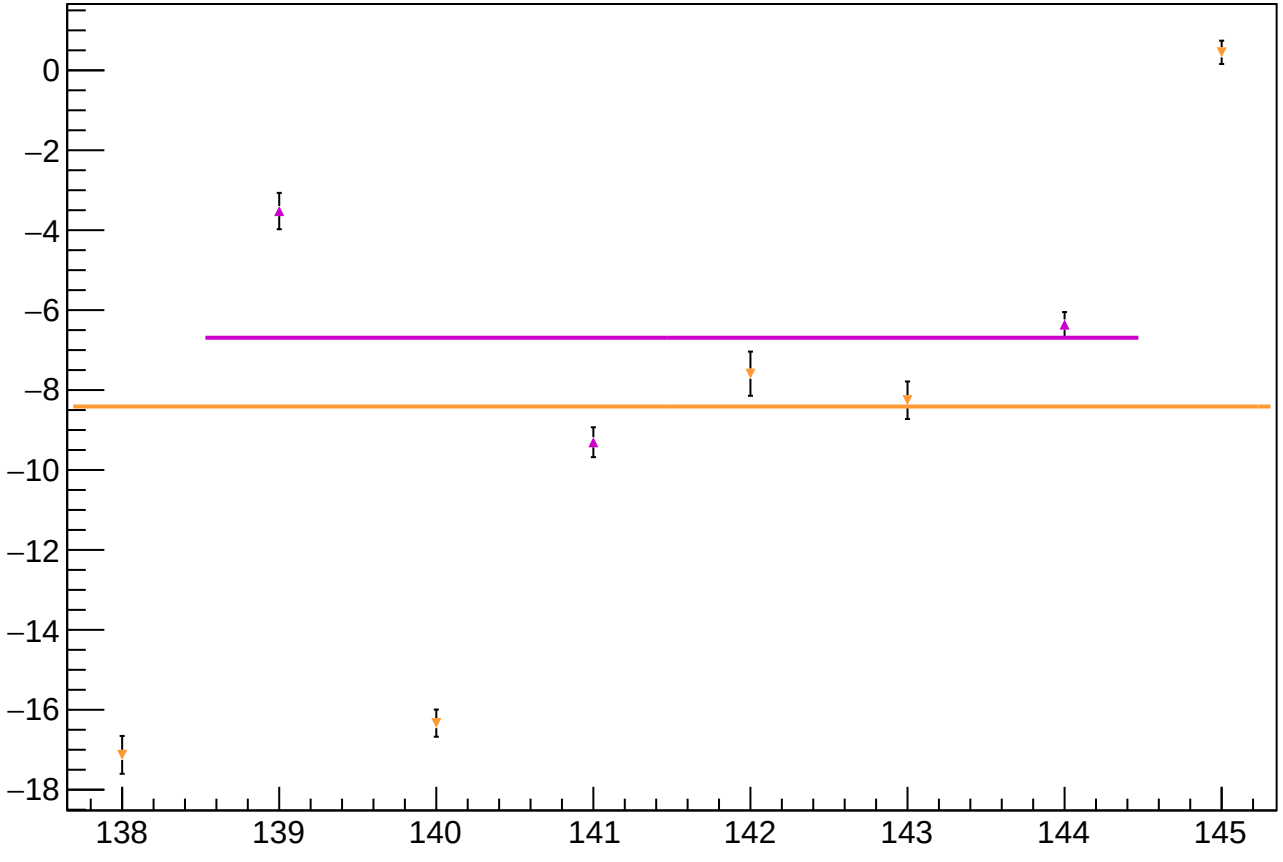
+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 16.766+/-0.045 χ^2/NDF: 10427.0/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0


reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
−0.14
−0.16
−0.18
−0.2
138
139
140
141
142
143
144
145
Right In: 0.000+/-0.000 χ2/NDF: 0.0/0
Left Out: -0.087+/-0.003 χ2/NDF:482.2/4
Right Out: 0.000+/-0.000 χ2/NDF: 0.0/0
Left In: -0.130+/-0.003 χ2/NDF:187.3/2
+ sign 0.000+/-0.000 χ2/NDF: 0.0/0
All: -0.105+/-0.002 χ2/NDF: 778.1/7
- sign 0.000+/-0.000 χ2/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: -8.412+/-0.175 χ^2/NDF:1805.4/4

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

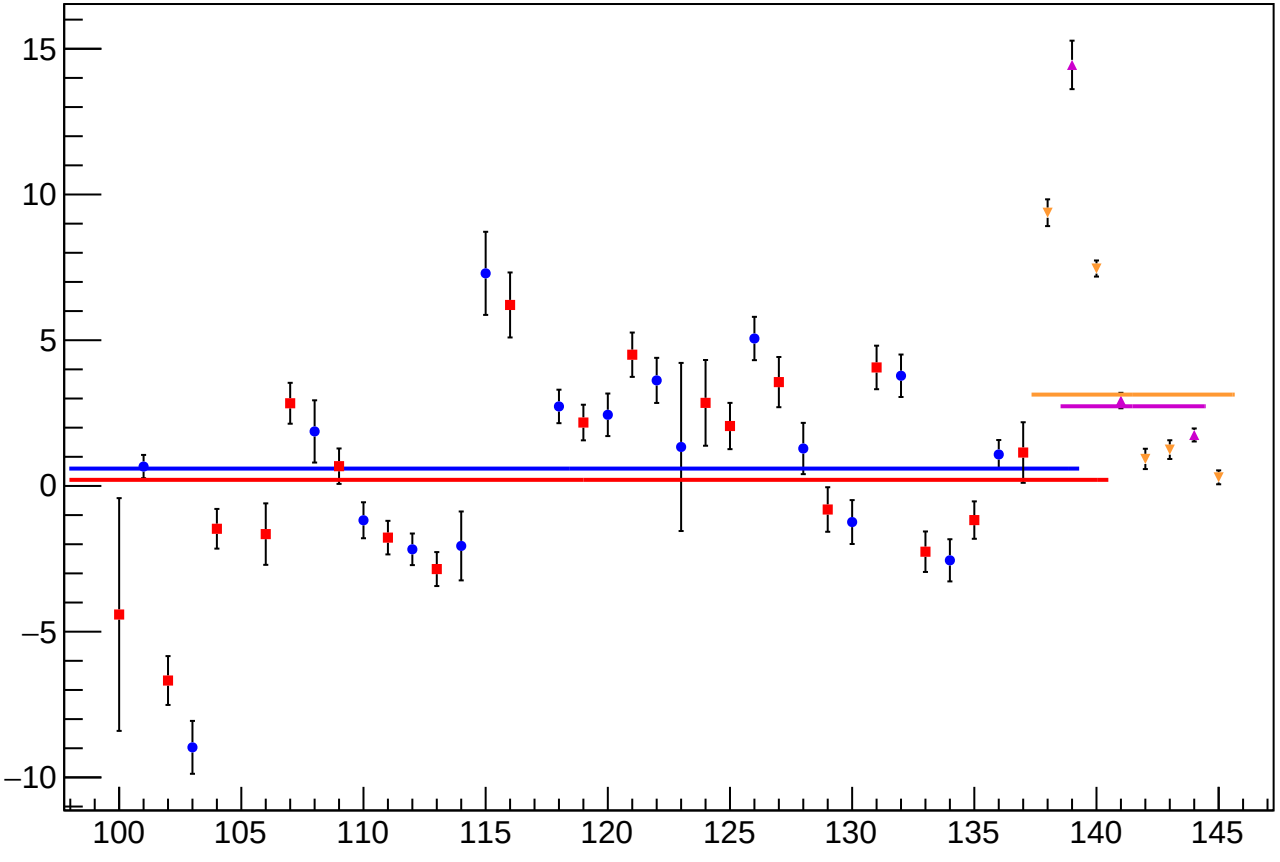
Left In: -6.691+/-0.212 χ^2/NDF:98.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.716+/-0.135 χ^2/NDF: 1943.1/7

- 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: 3.135+/-0.137 χ^2/NDF:645.6/4

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

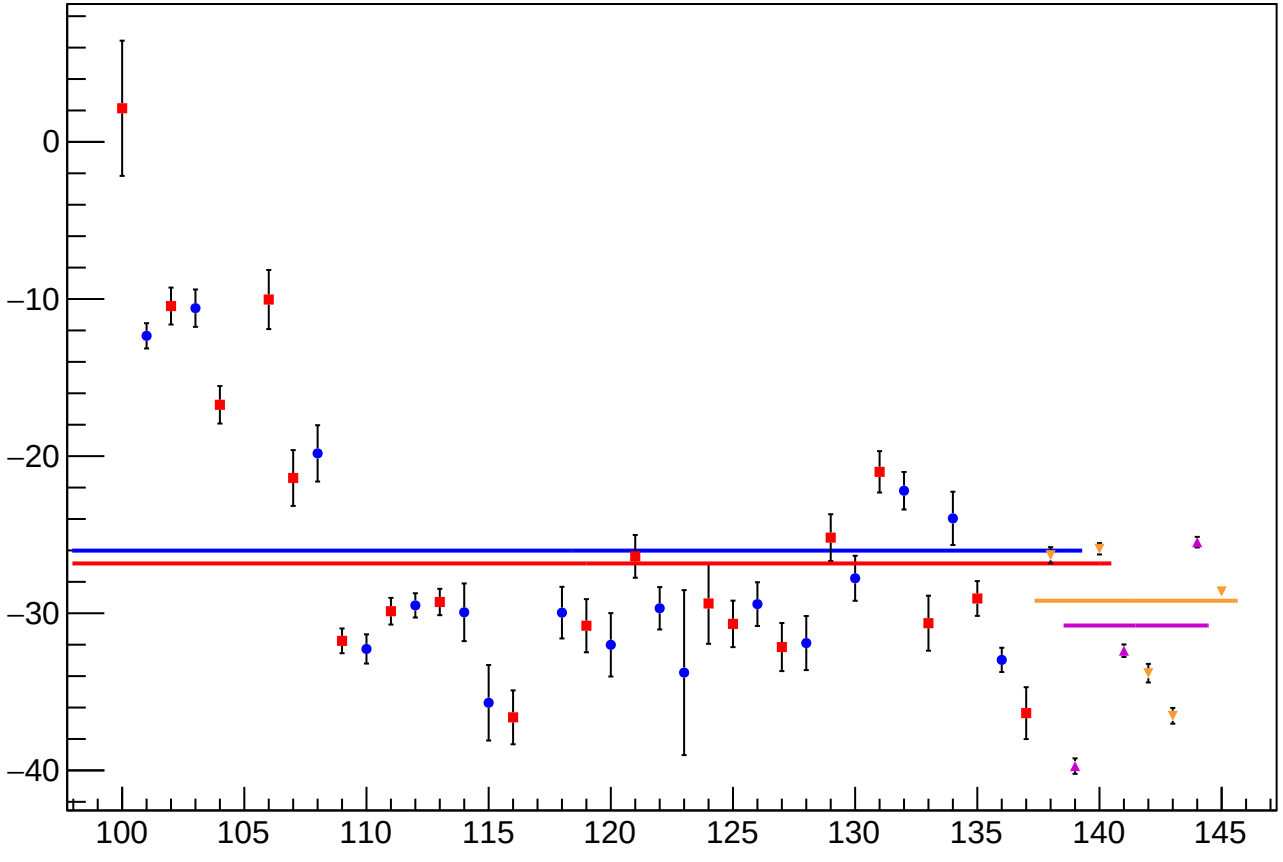
Left In: 2.734+/-0.167 χ^2/NDF:218.3/2

+ sign 2.128+/-0.106 χ^2/NDF: 1073.0/21

All: 1.865+/-0.080 χ^2/NDF: 1687.7/43

- sign 1.526+/-0.121 χ^2/NDF: 600.8/21

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -29.203+/-0.187 χ^2/NDF:393.7/4

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

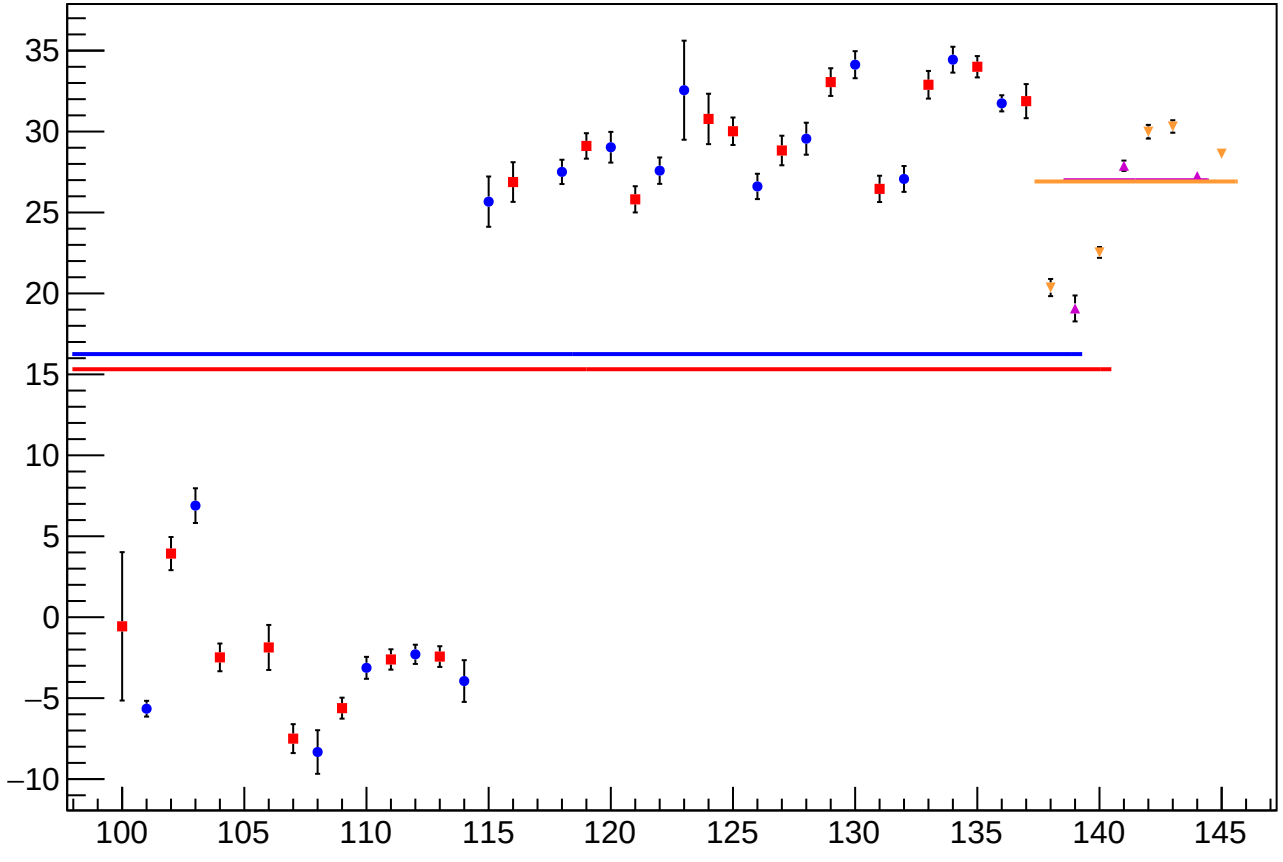
Left In: -30.779+/-0.227 χ^2/NDF:598.1/2

+ sign -28.311+/-0.158 χ^2/NDF: 1168.4/21

All: -28.751+/-0.119 χ^2/NDF: 2477.2/43

- sign -29.324+/-0.181 χ^2/NDF: 1291.0/21

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 26.916+/-0.162 χ^2/NDF:493.8/4

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

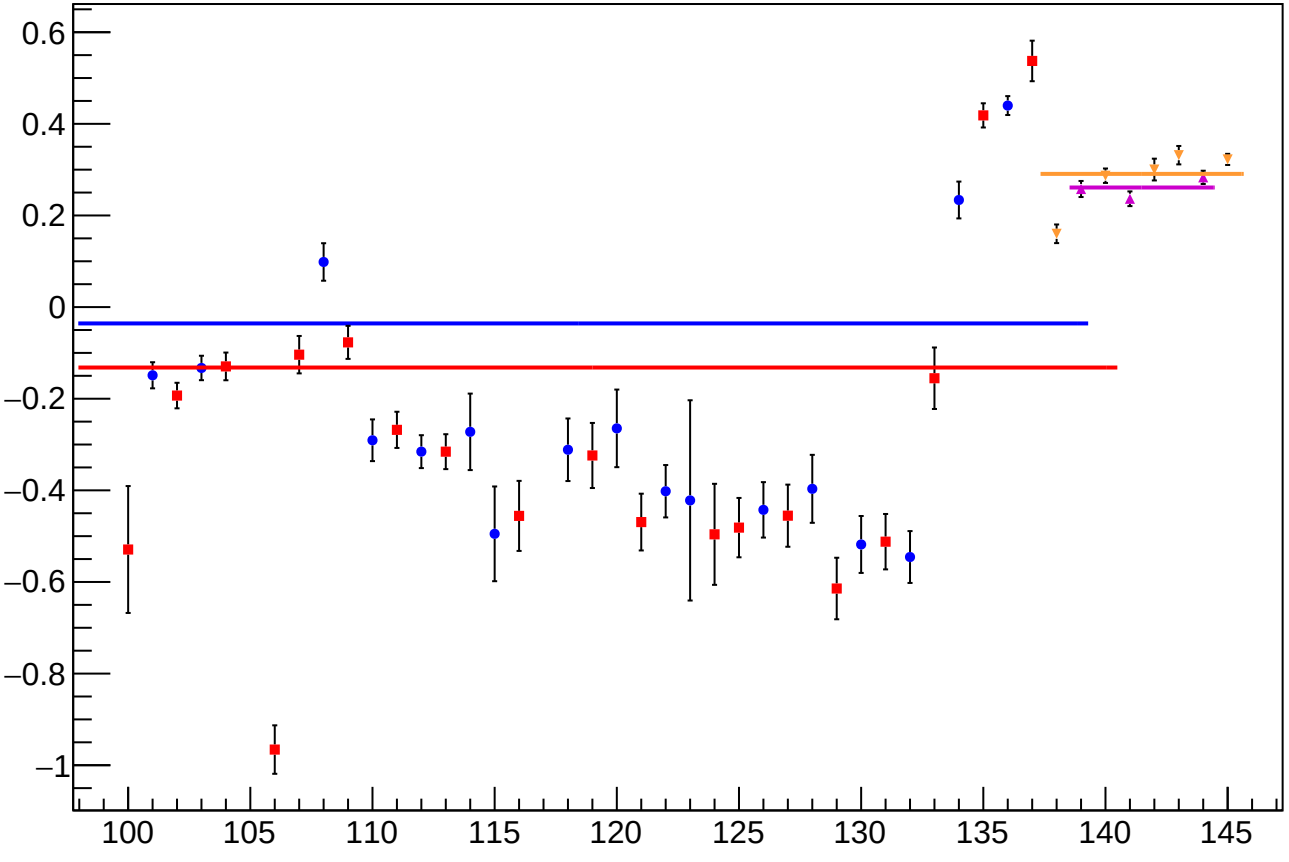
Left In: 26.994+/-0.198 χ^2/NDF:106.3/2

+ sign 22.451+/-0.124 χ^2/NDF: 9916.2/21

All: 21.874+/-0.093 χ^2/NDF: 19103.8/43

- sign 21.139+/-0.139 χ^2/NDF: 9138.1/21

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.291+/-0.008 χ^2/NDF:52.5/4

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

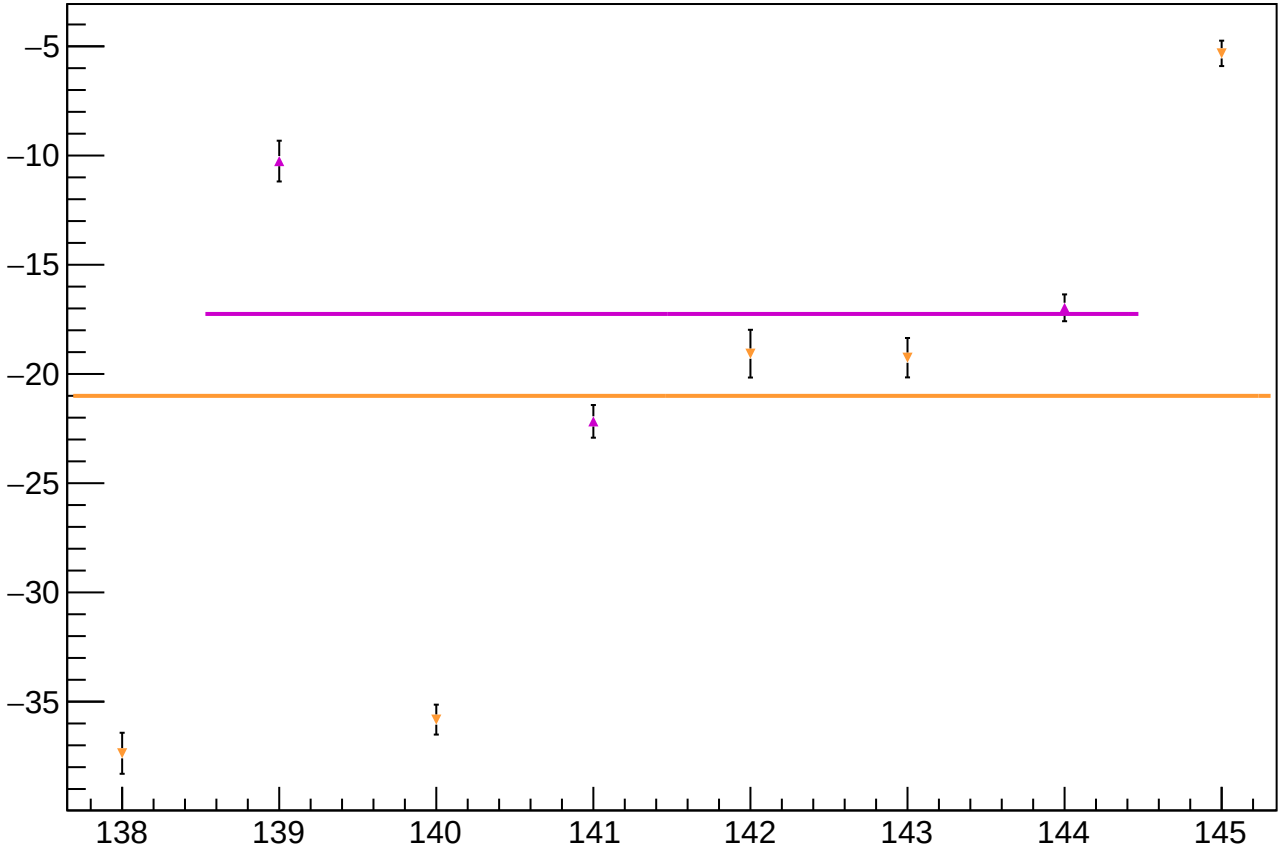
Left In: 0.261+/-0.009 χ^2/NDF:4.7/2

+ sign 0.177+/-0.006 χ^2/NDF: 1718.5/21

All: 0.138+/-0.005 χ^2/NDF: 3793.8/43

- sign 0.089+/-0.007 χ^2/NDF: 1983.4/21

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -21.002+/-0.347 χ^2/NDF:1505.9/4

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

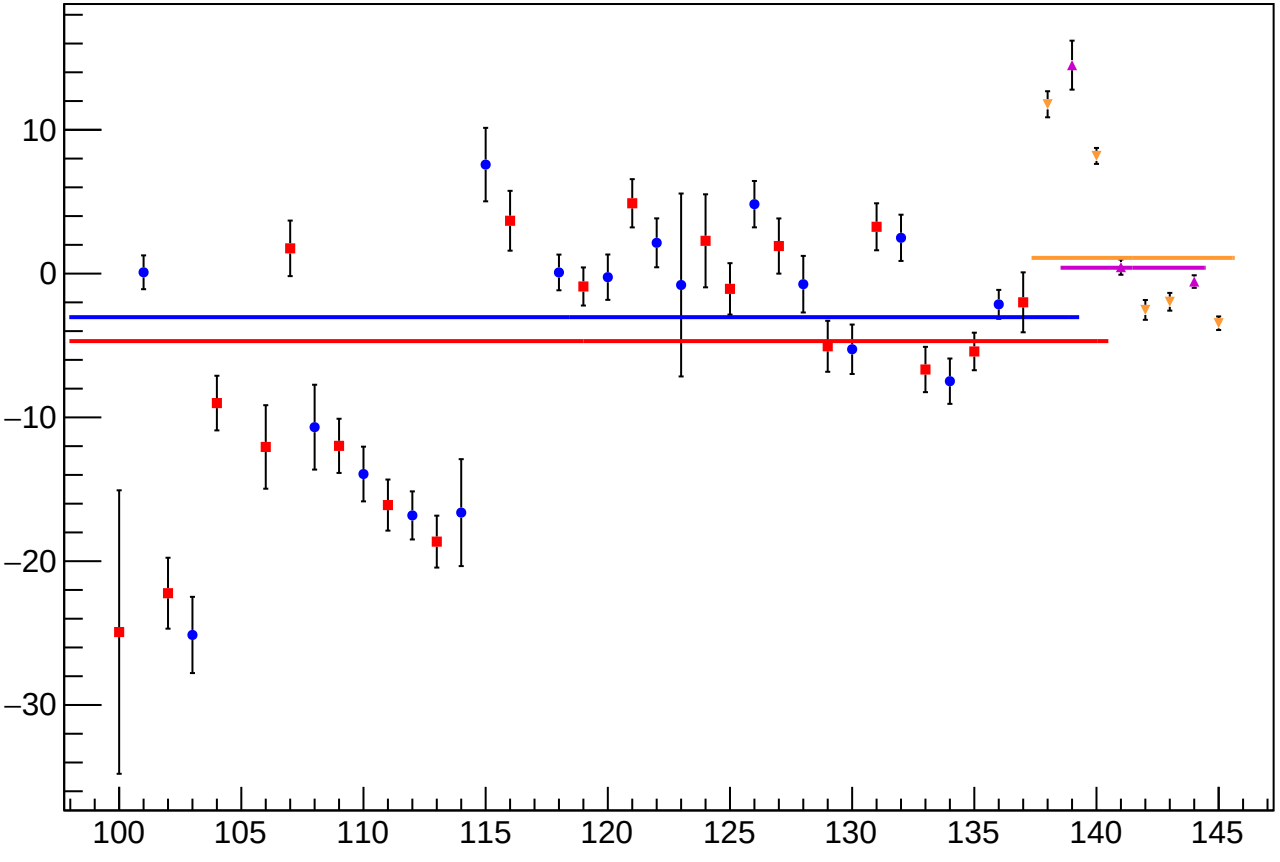
Left In: -17.252+/-0.423 χ^2/NDF:99.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -19.492+/-0.268 χ^2/NDF: 1652.4/7

- 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: 1.094+/-0.270 χ^2/NDF:446.5/4

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

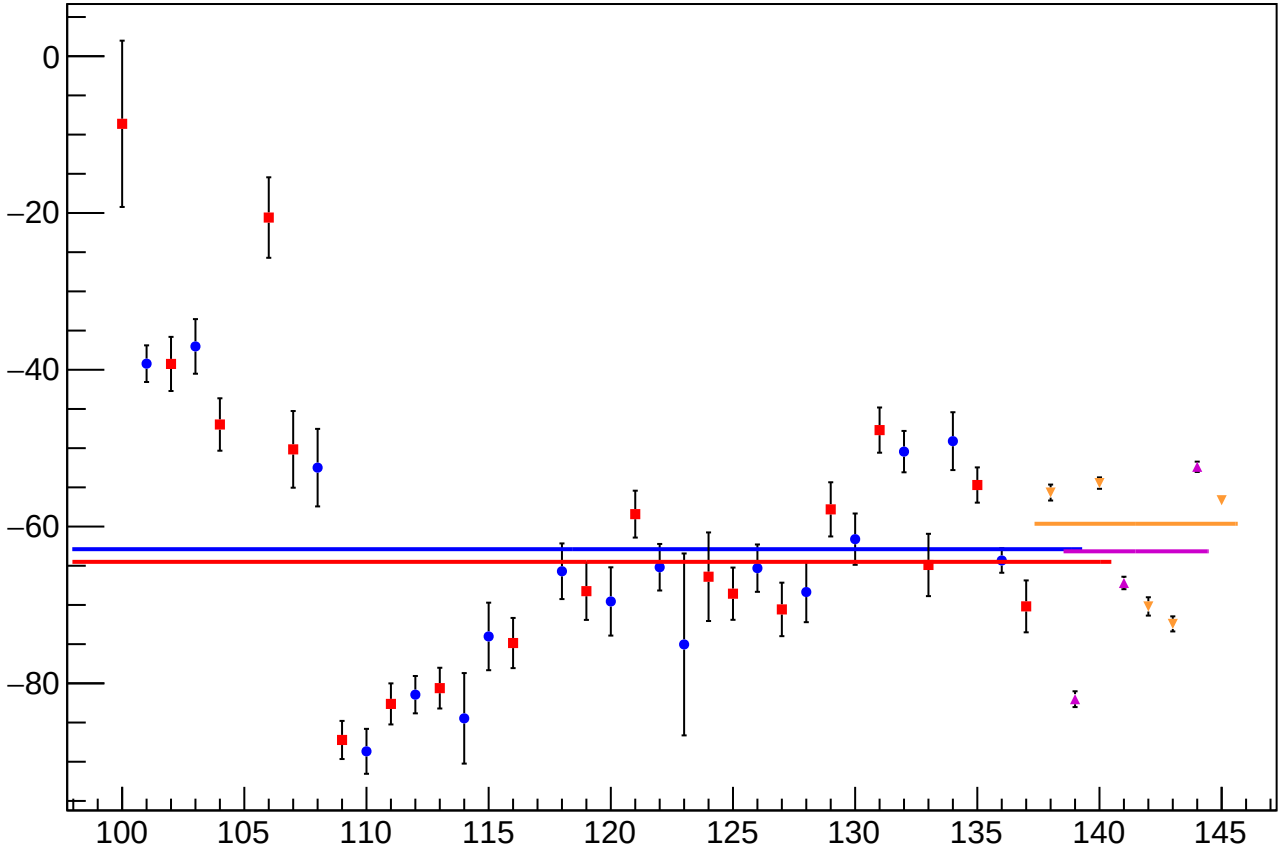
Left In: 0.407+/-0.331 χ^2/NDF:73.3/2

+ sign -0.167+/-0.225 χ^2/NDF: 798.4/21

All: -0.739+/-0.171 χ^2/NDF: 1274.3/43

- sign -1.509+/-0.262 χ^2/NDF: 460.8/21

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -59.644+/-0.371 χ^2/NDF:346.9/4

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

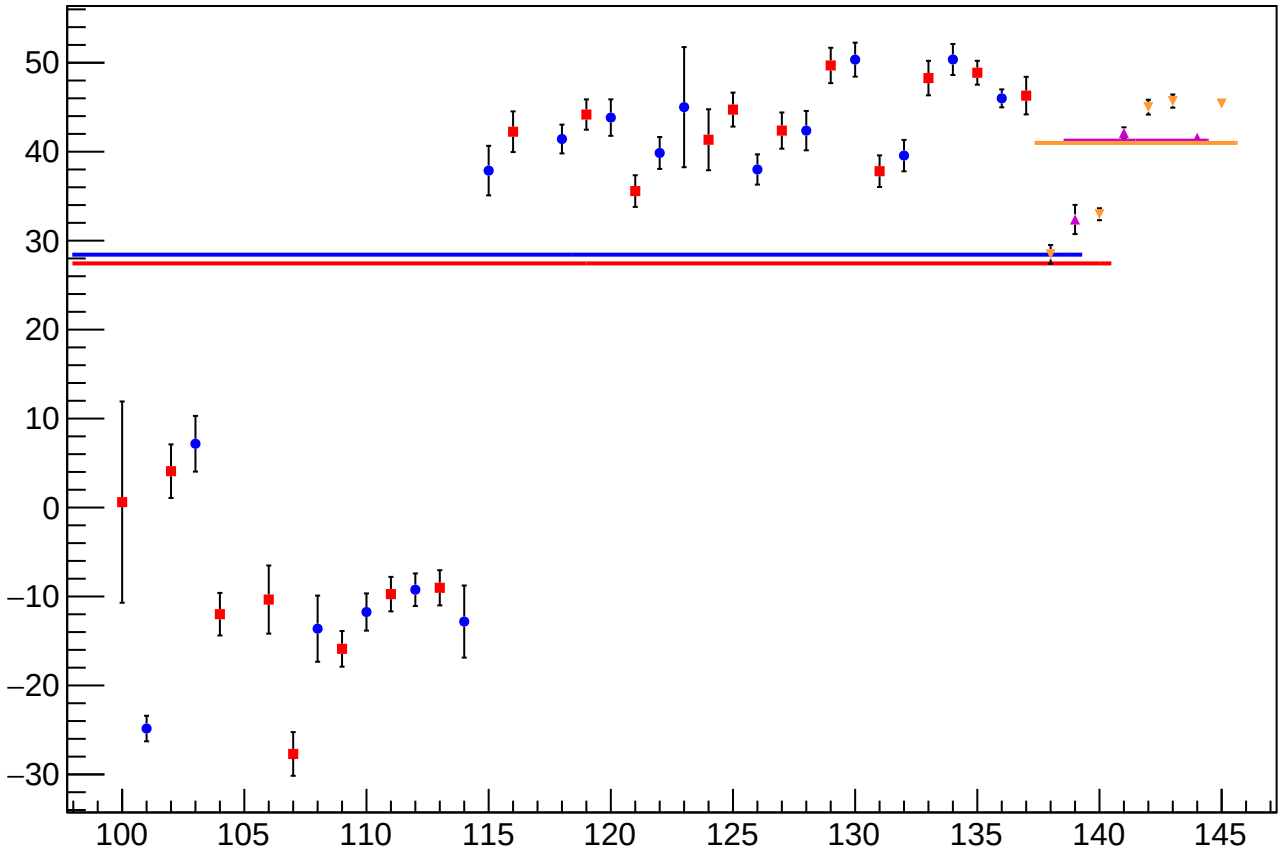
Left In: -63.160+/-0.453 χ^2/NDF:644.2/2

+ sign -60.297+/-0.331 χ^2/NDF: 731.1/21

All: -61.654+/-0.252 χ^2/NDF: 1861.6/43

- sign -63.518+/-0.388 χ^2/NDF: 1090.6/21

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 40.986+/-0.320 χ^2/NDF:414.4/4

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

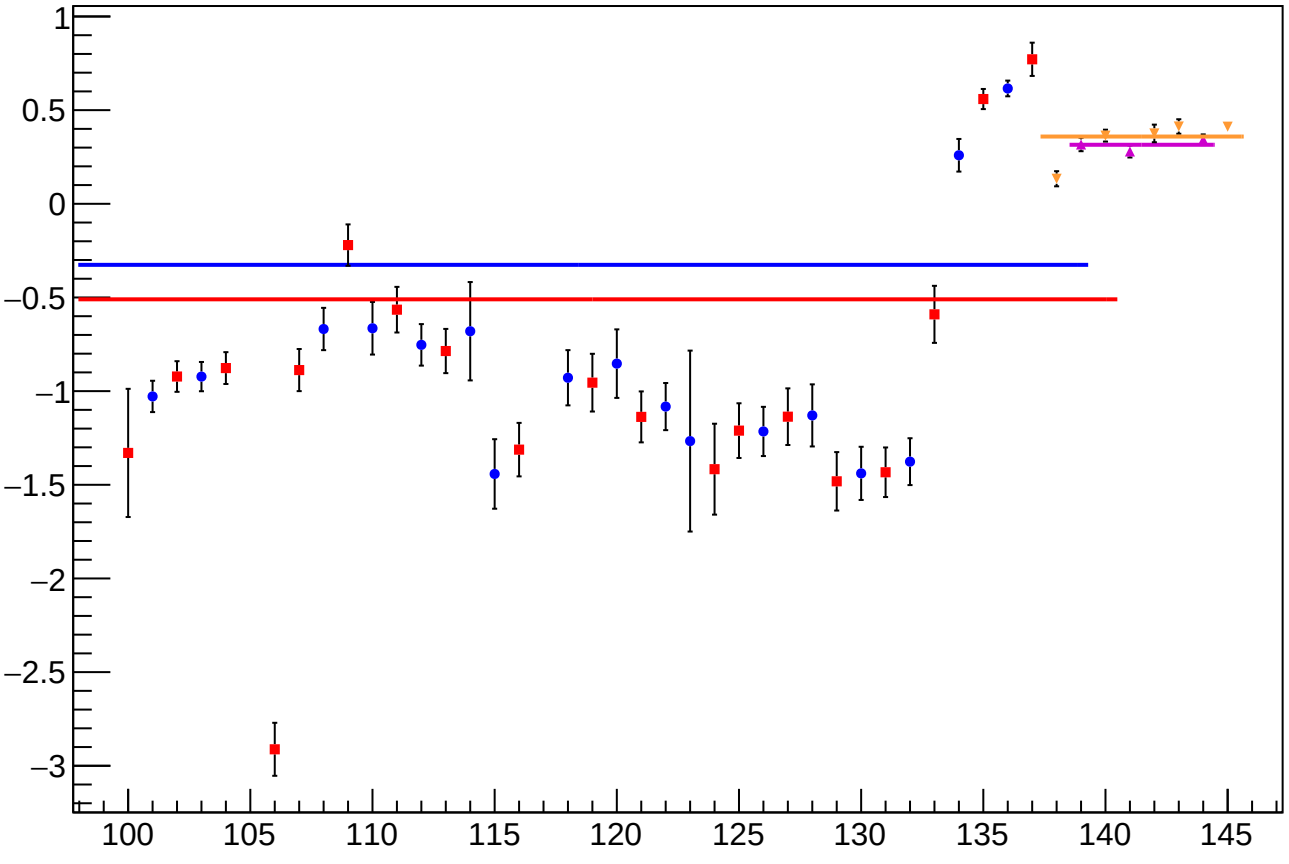
Left In: 41.240+/-0.391 χ^2/NDF:31.3/2

+ sign 36.847+/-0.262 χ^2/NDF: 4251.1/21

All: 36.360+/-0.198 χ^2/NDF: 7821.5/43

- sign 35.712+/-0.303 χ^2/NDF: 3562.5/21

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.359+/-0.015 χ^2/NDF:37.9/4

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

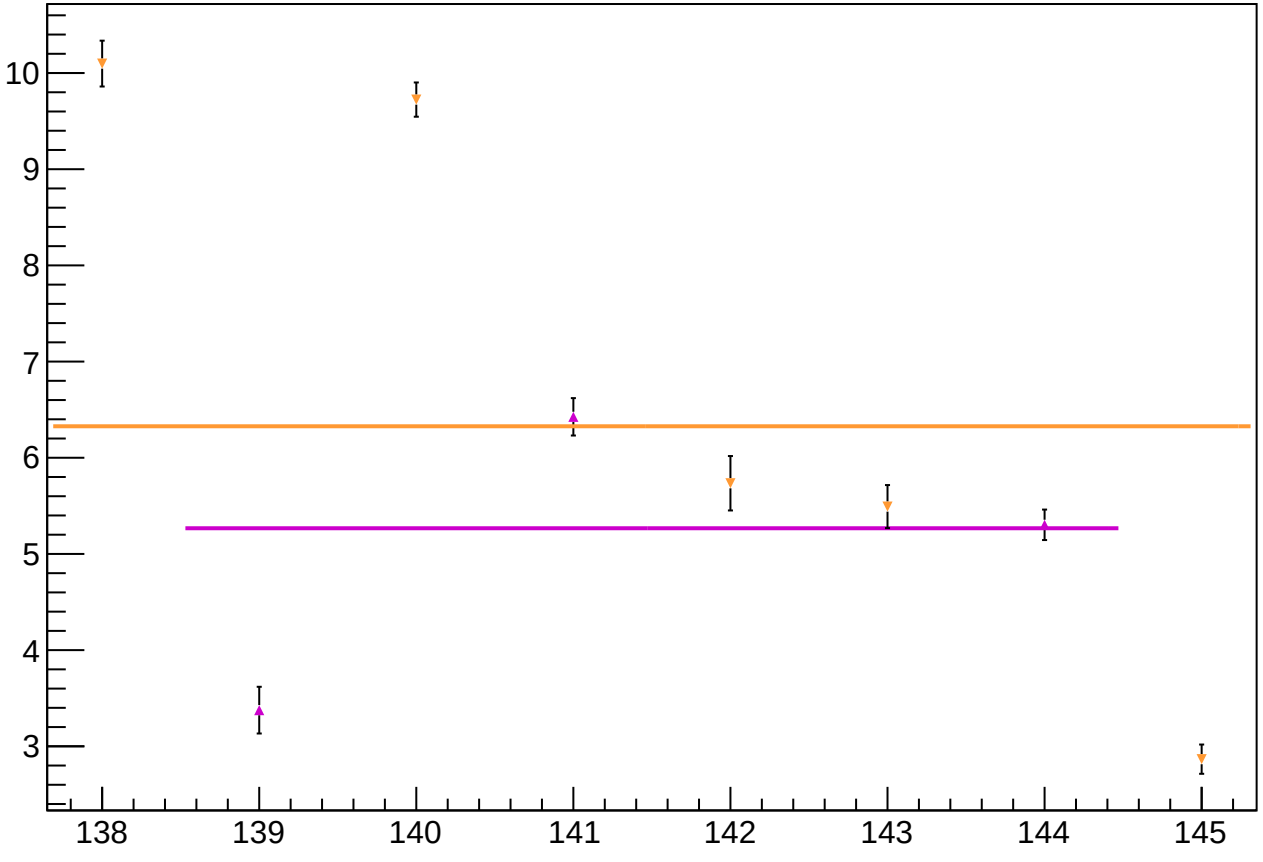
Left In: 0.315+/-0.018 χ^2/NDF:2.1/2

+ sign 0.176+/-0.013 χ^2/NDF: 1605.7/21

All: 0.117+/-0.010 χ^2/NDF: 3510.5/43

- sign 0.037+/-0.015 χ^2/NDF: 1855.0/21

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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

Left Out: 6.327+/-0.090 χ^2/NDF:1150.1/4

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

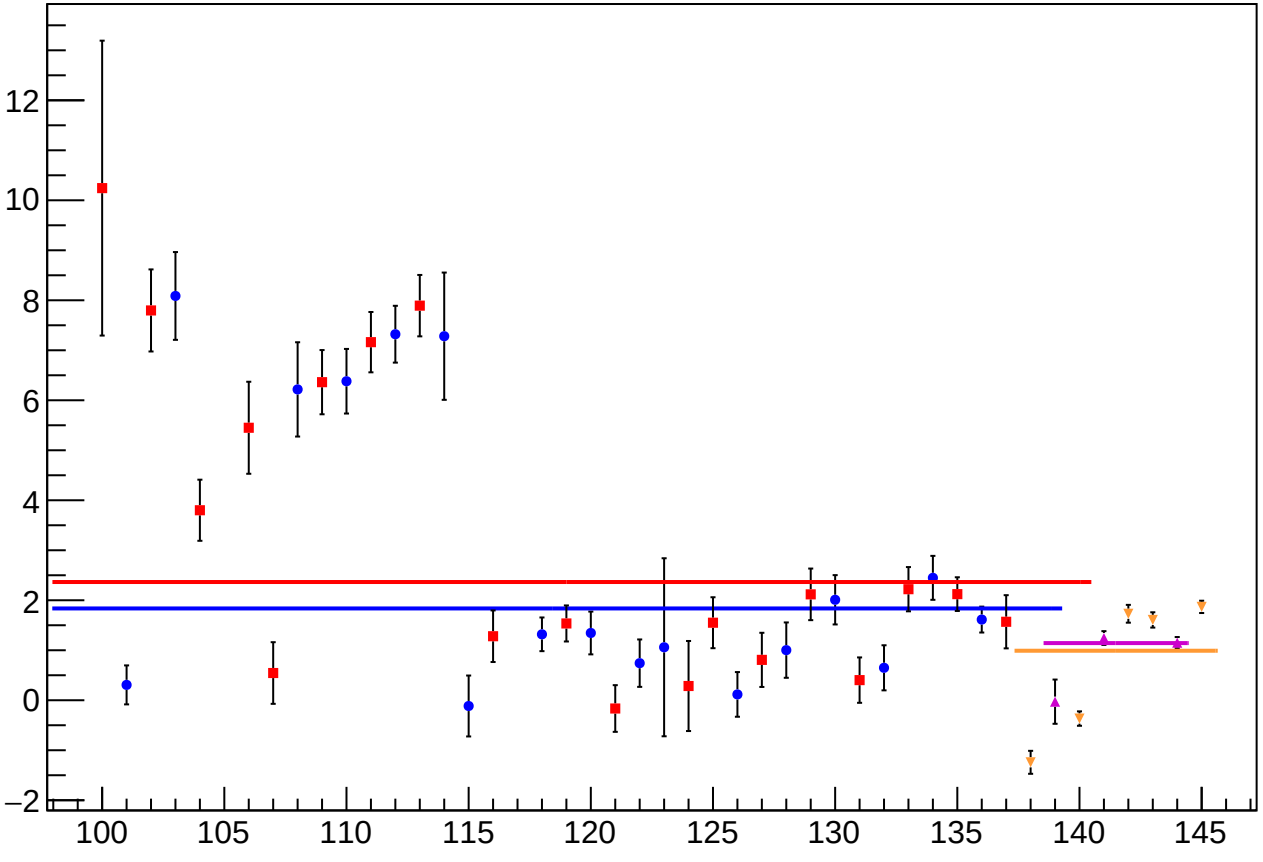
Left In: 5.267+/-0.110 χ^2/NDF:96.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.903+/-0.069 χ^2/NDF: 1302.4/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836+/-0.116 χ^2/NDF: 294.9/16

Left Out: 0.990+/-0.069 χ^2/NDF:267.2/4

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

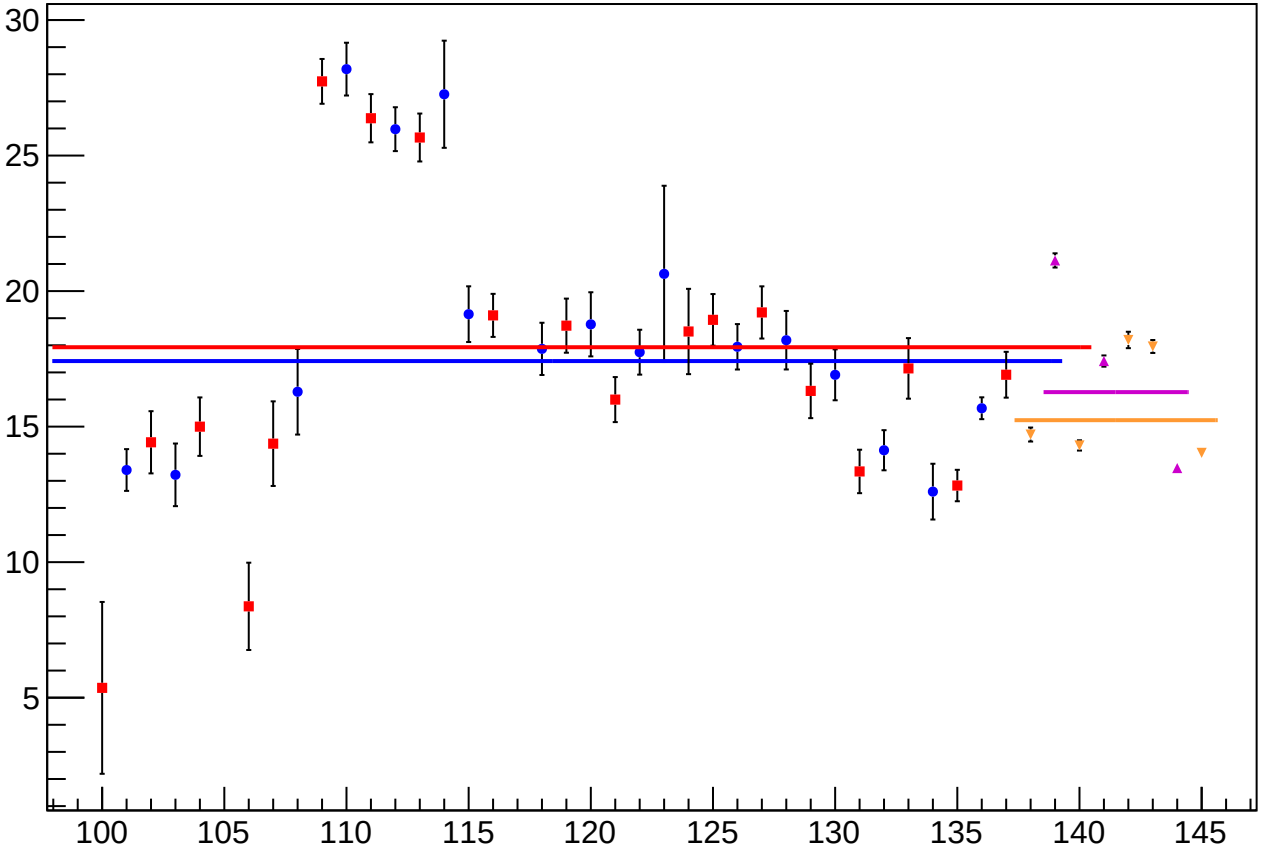
Left In: 1.143+/-0.086 χ^2/NDF:7.6/2

+ sign 1.213+/-0.060 χ^2/NDF: 601.2/21

All: 1.352+/-0.045 χ^2/NDF: 1024.7/43

- sign 1.543+/-0.070 χ^2/NDF: 410.7/21

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 15.238+/-0.096 χ^2/NDF:309.0/4

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

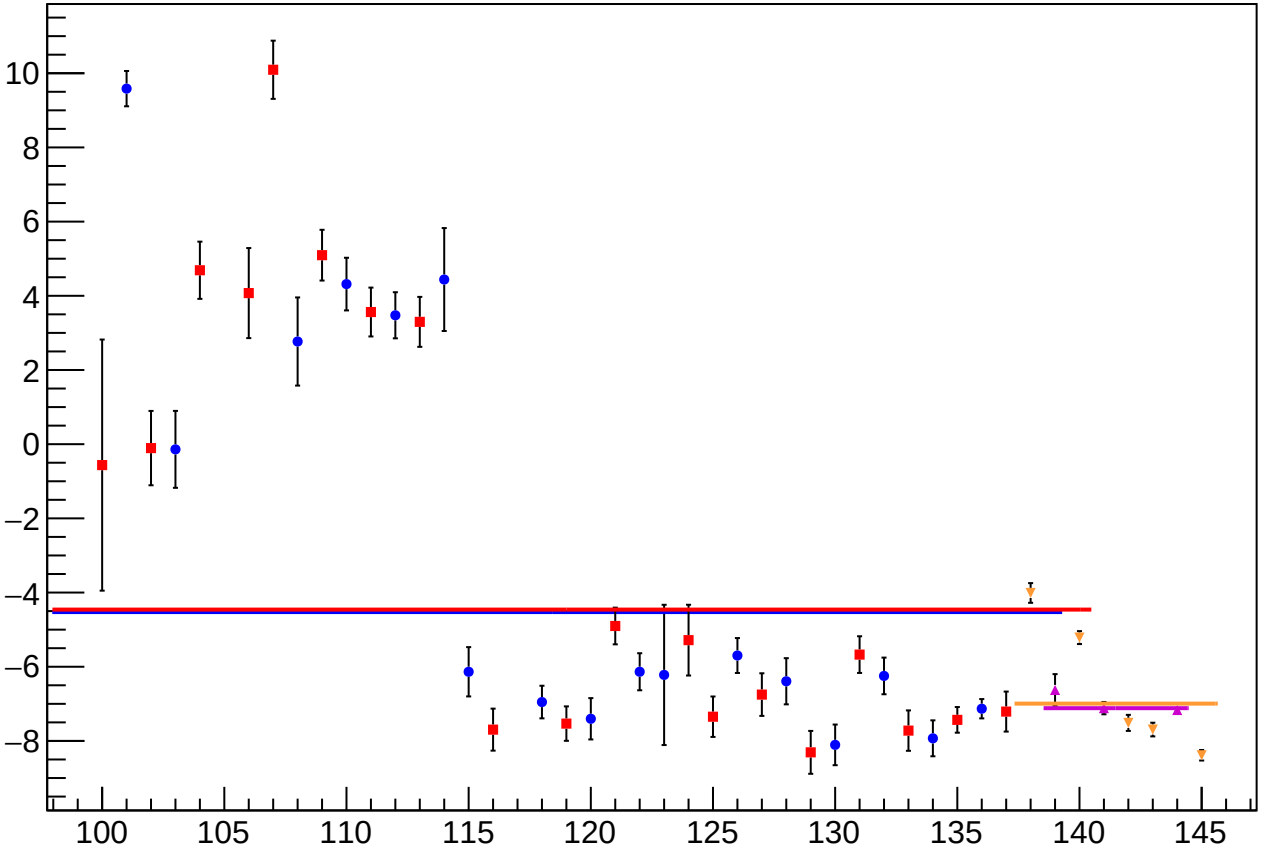
Left In: 16.273+/-0.117 χ^2/NDF:645.9/2

+ sign 15.607+/-0.087 χ^2/NDF: 764.0/21

All: 16.036+/-0.067 χ^2/NDF: 2019.4/43

- sign 16.642+/-0.103 χ^2/NDF: 1196.7/21

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526+/-0.130 χ^2/NDF: 1590.2/16

Left Out: -6.994+/-0.082 χ^2/NDF:346.5/4

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

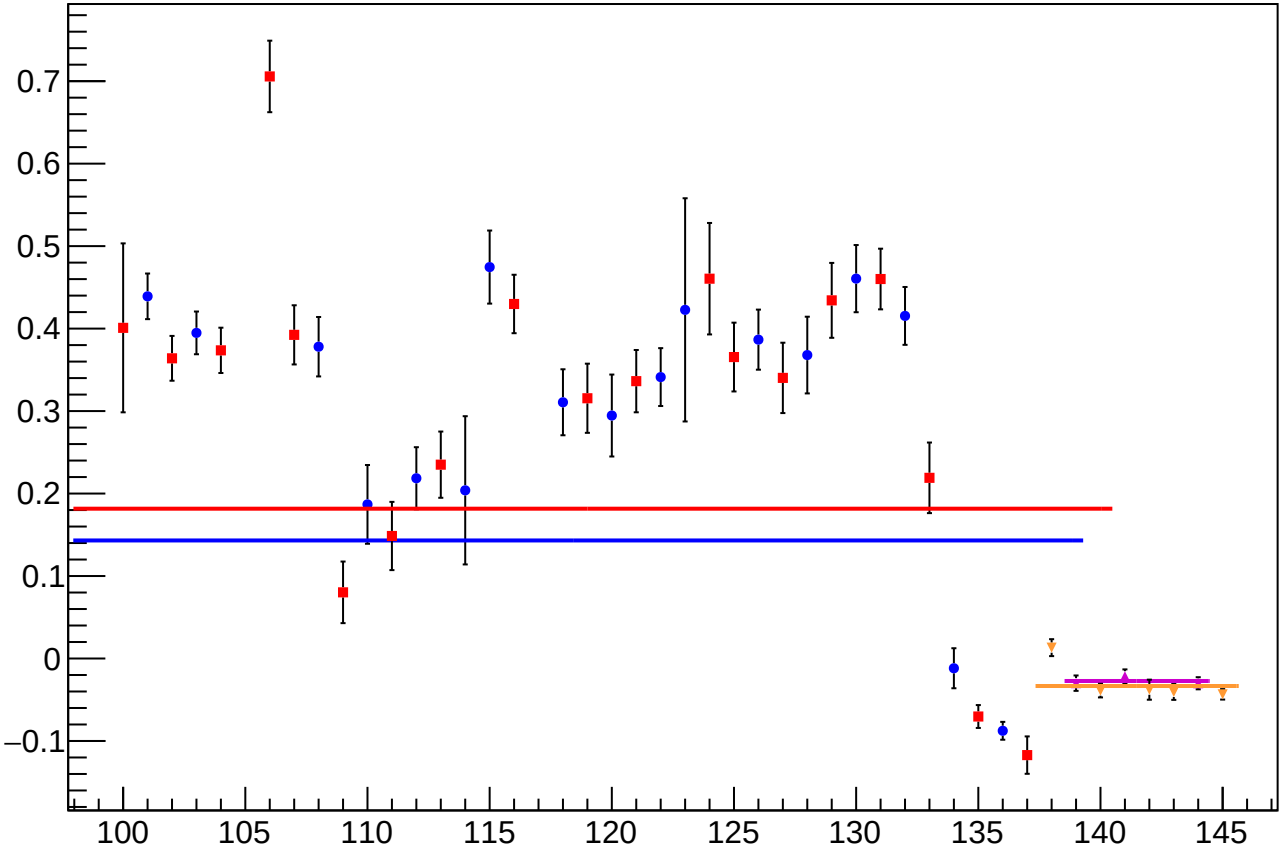
Left In: -7.117+/-0.101 χ^2/NDF:1.5/2

+ sign -6.283+/-0.069 χ^2/NDF: 2195.2/21

All: -6.239+/-0.053 χ^2/NDF: 3780.1/43

- sign -6.178+/-0.081 χ^2/NDF: 1583.9/21

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: -0.033+/-0.004 χ^2/NDF:24.2/4

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

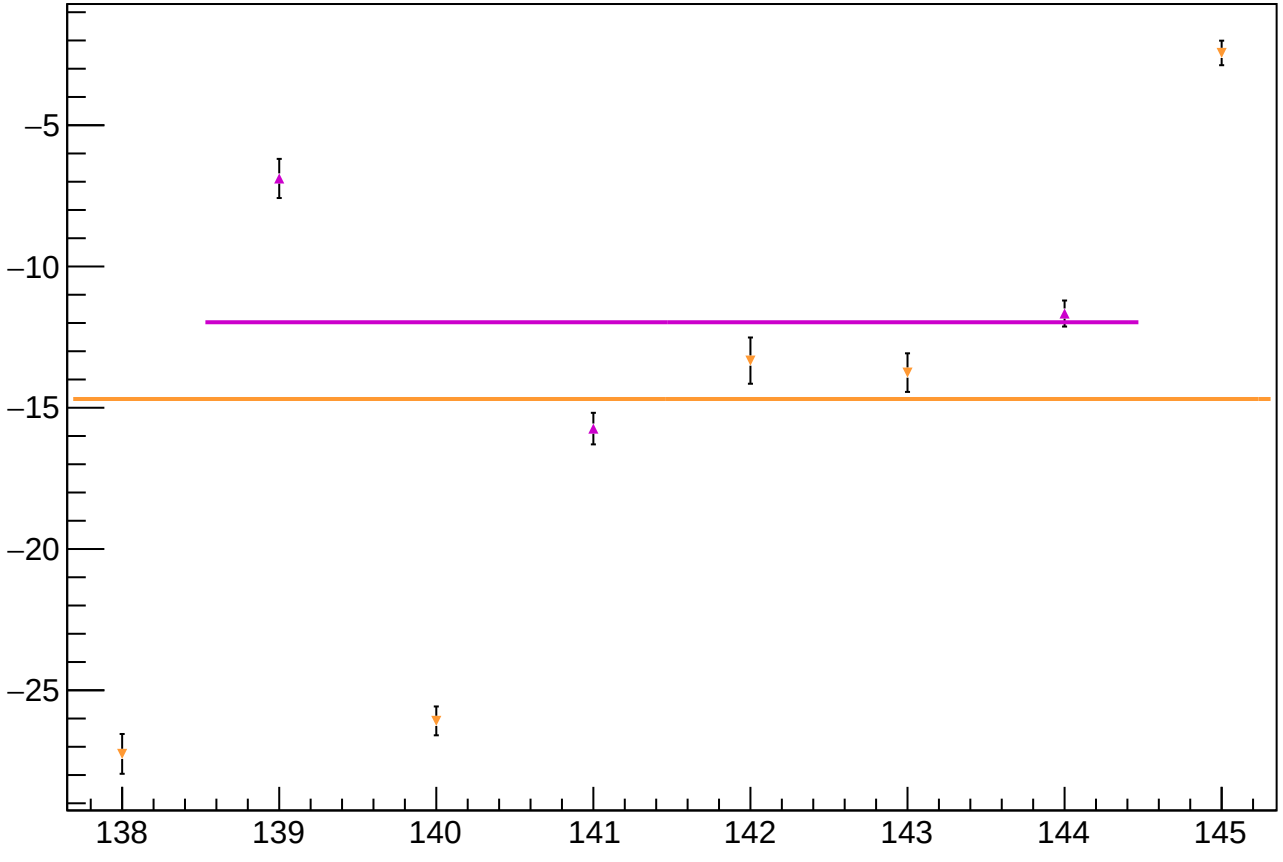
Left In: -0.027+/-0.005 χ^2/NDF:0.7/2

+ sign 0.008+/-0.003 χ^2/NDF: 1565.6/21

All: 0.019+/-0.003 χ^2/NDF: 3165.1/43

- sign 0.034+/-0.004 χ^2/NDF: 1574.5/21

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -14.690+/-0.260 χ^2/NDF:1616.3/4

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

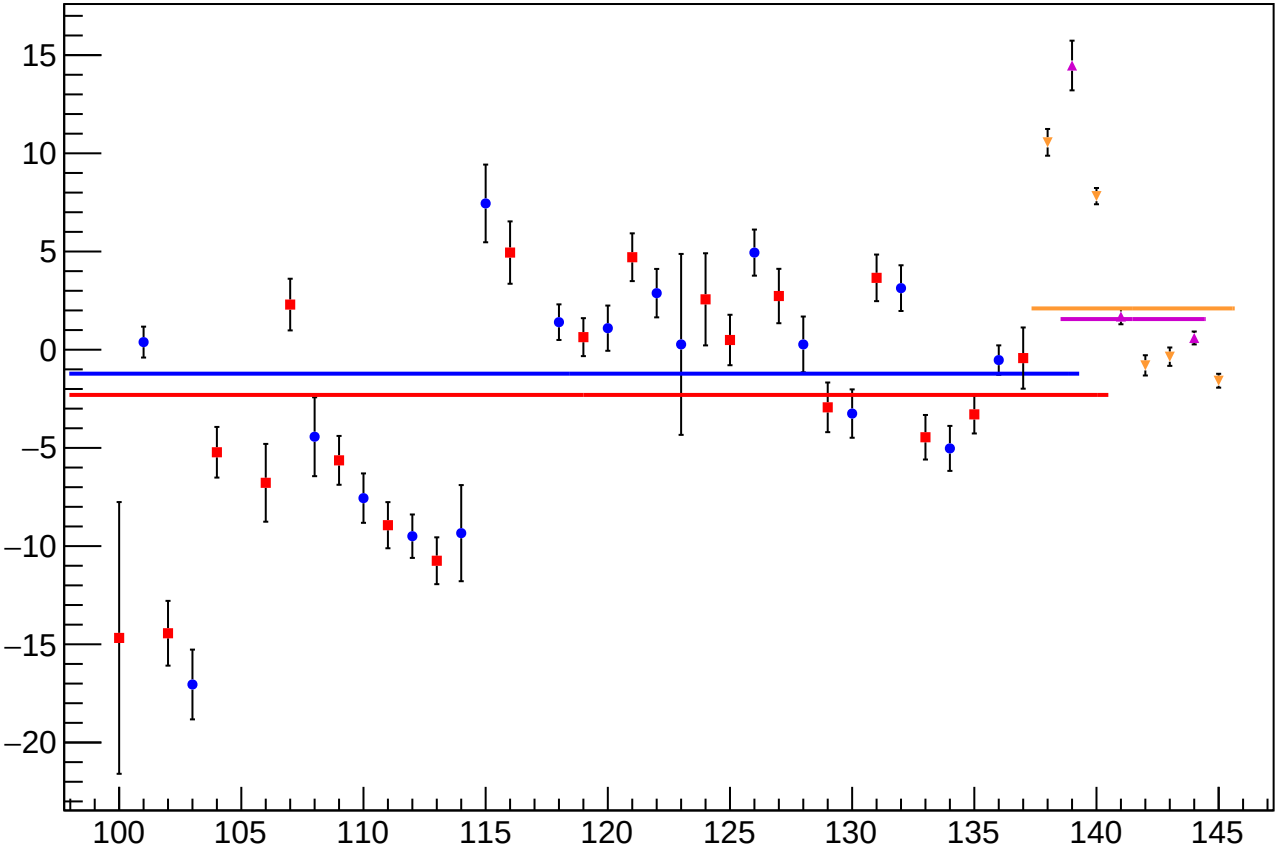
Left In: -11.974+/-0.316 χ^2/NDF:99.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.595+/-0.201 χ^2/NDF: 1760.2/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.220+/-0.290 χ^2/NDF: 278.6/16

Left Out: 2.102+/-0.203 χ^2/NDF:512.4/4

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

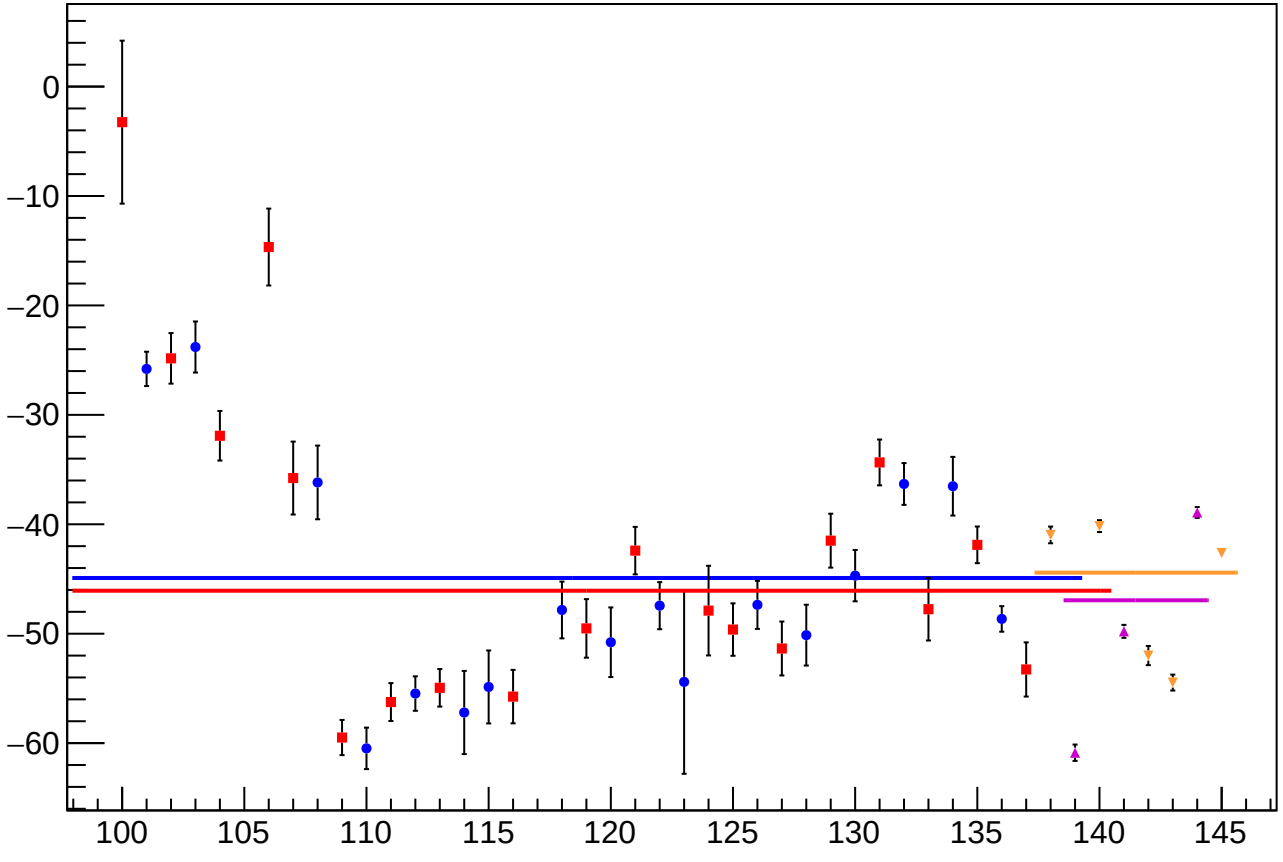
Left In: 1.560+/-0.248 χ^2/NDF:112.9/2

+ sign 1.011+/-0.166 χ^2/NDF: 879.2/21

All: 0.581+/-0.126 χ^2/NDF: 1391.4/43

- sign 0.008+/-0.192 χ^2/NDF: 496.6/21

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -44.420+/-0.277 χ^2/NDF:361.5/4

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

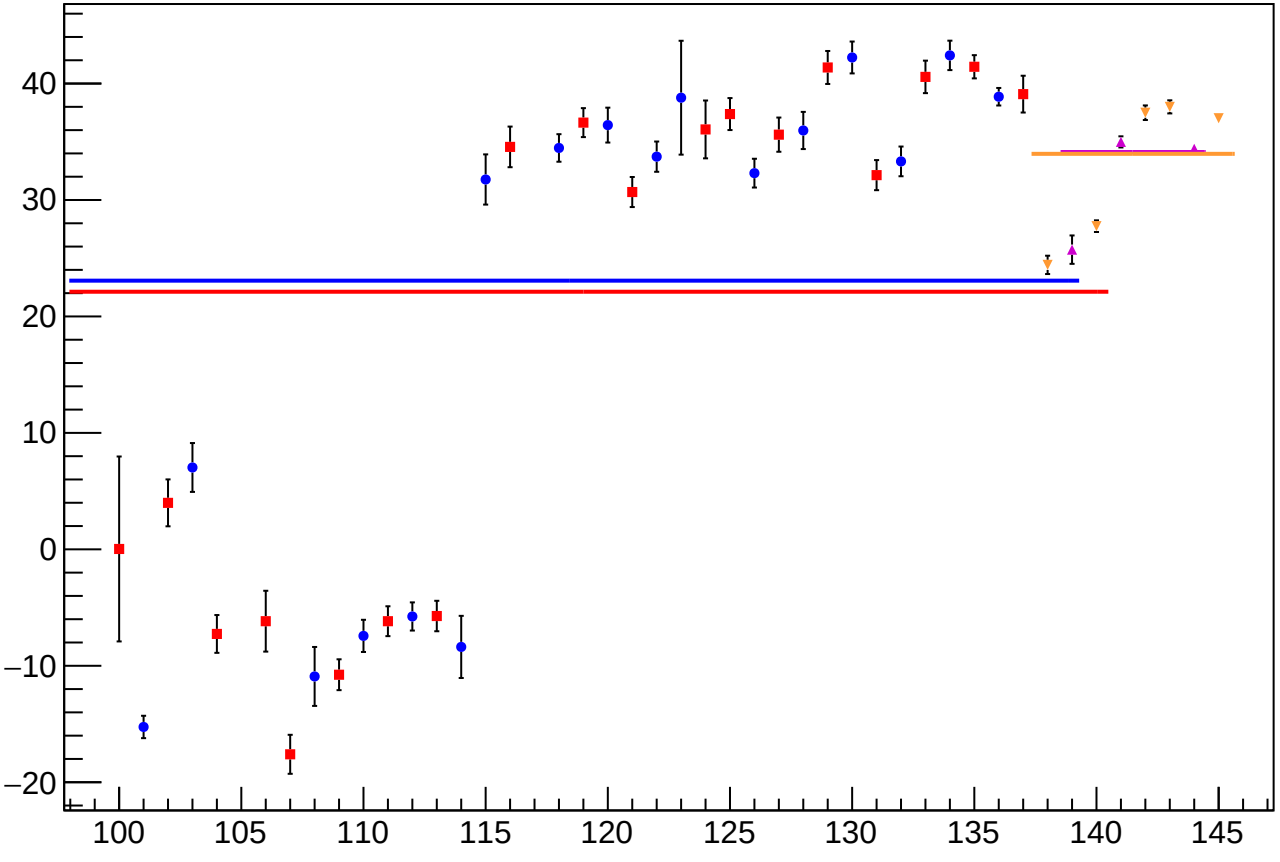
Left In: -46.946+/-0.339 χ^2/NDF:633.3/2

+ sign -44.527+/-0.245 χ^2/NDF: 783.4/21

All: -45.446+/-0.186 χ^2/NDF: 1905.8/43

- sign -46.691+/-0.285 χ^2/NDF: 1089.2/21

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 33.964+/-0.240 χ^2/NDF:440.1/4

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

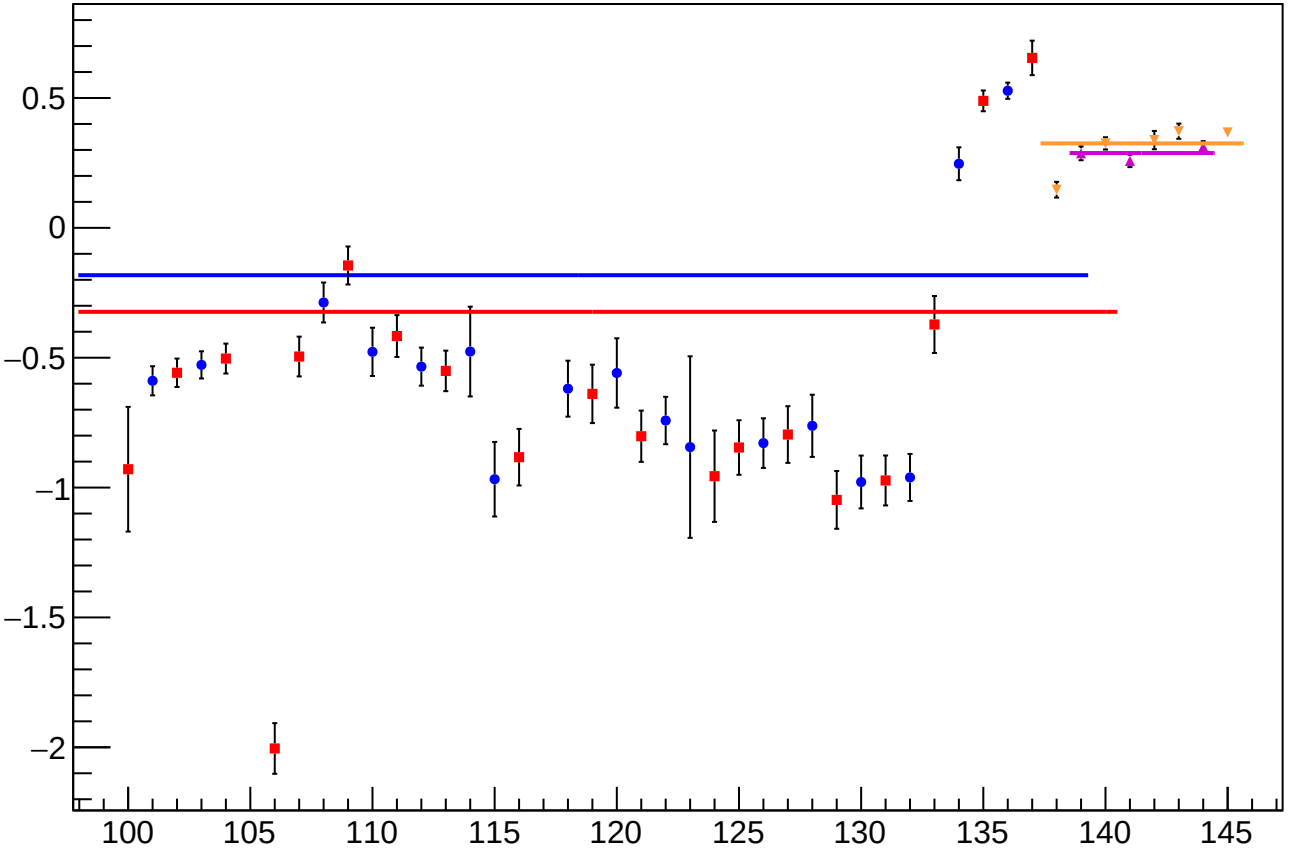
Left In: 34.121+/-0.293 χ^2/NDF:51.1/2

+ sign 30.132+/-0.193 χ^2/NDF: 5509.4/21

All: 29.646+/-0.146 χ^2/NDF: 10324.6/43

- sign 29.006+/-0.222 χ^2/NDF: 4800.6/21

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.325+/-0.011 χ^2/NDF:42.8/4

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

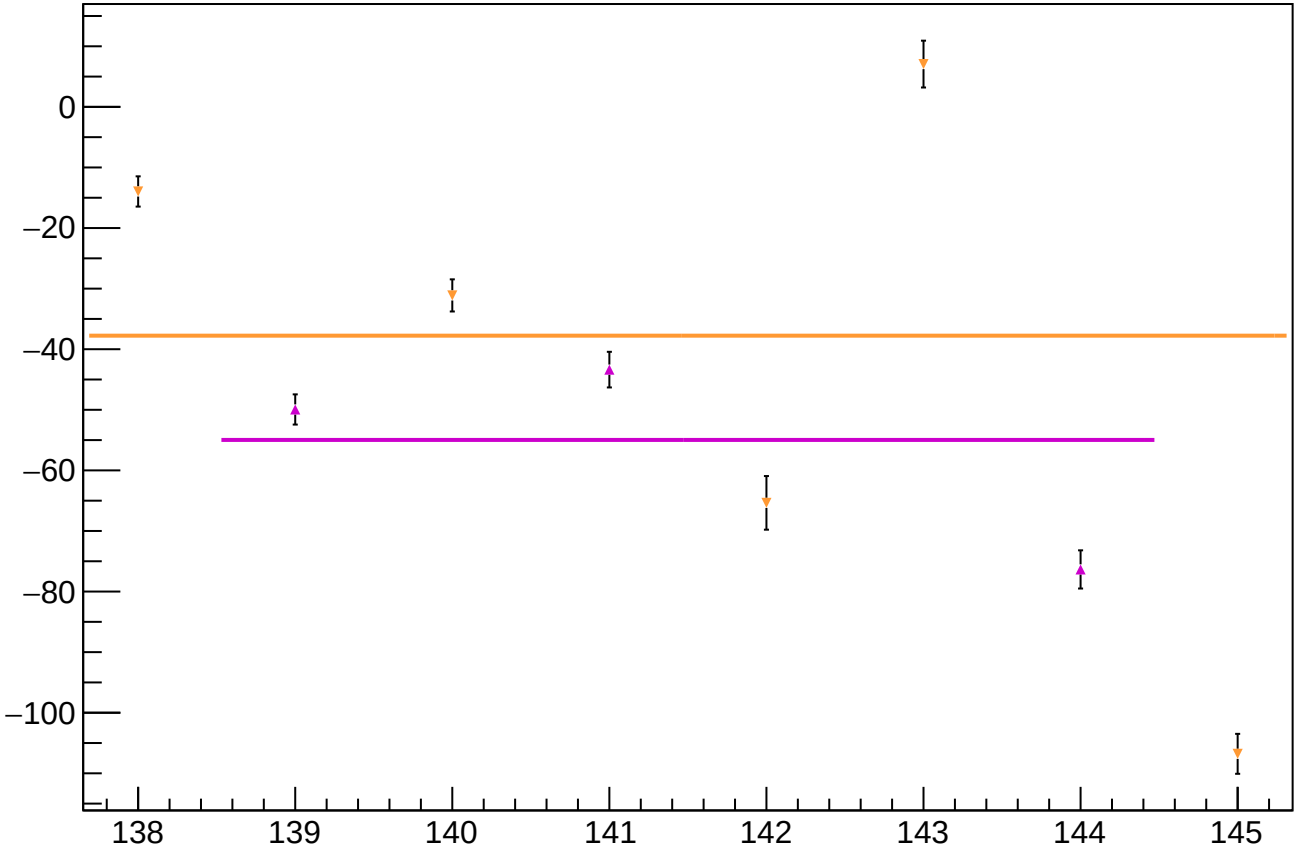
Left In: 0.288+/-0.014 χ^2/NDF:2.9/2

+ sign 0.180+/-0.009 χ^2/NDF: 1625.3/21

All: 0.131+/-0.007 χ^2/NDF: 3596.4/43

- sign 0.067+/-0.011 χ^2/NDF: 1910.3/21

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -37.763+/-1.397 χ^2/NDF:708.9/4

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

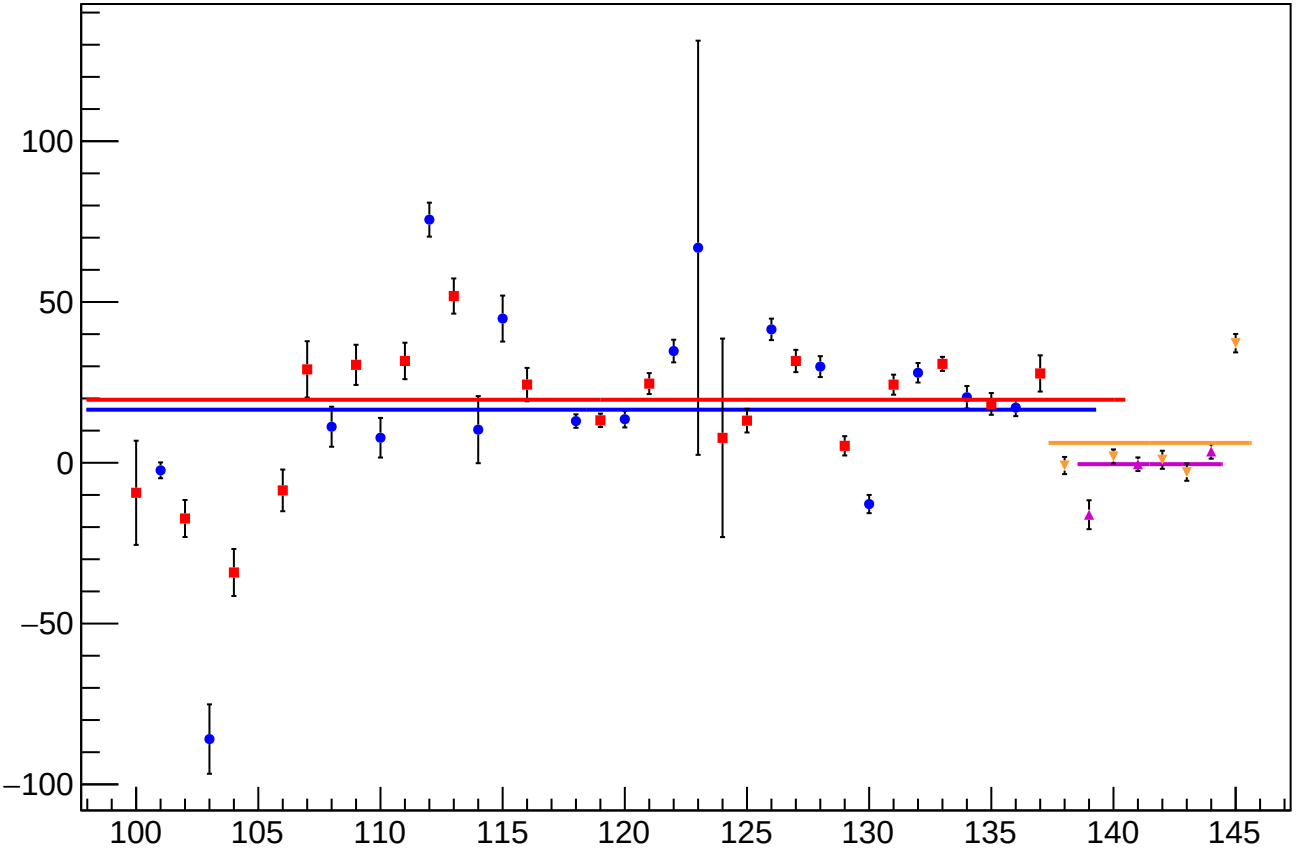
Left In: -54.973+/-1.628 χ^2/NDF:65.6/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -45.060+/-1.060 χ^2/NDF: 838.8/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 6.184+/-1.165 χ^2/NDF:143.3/4

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

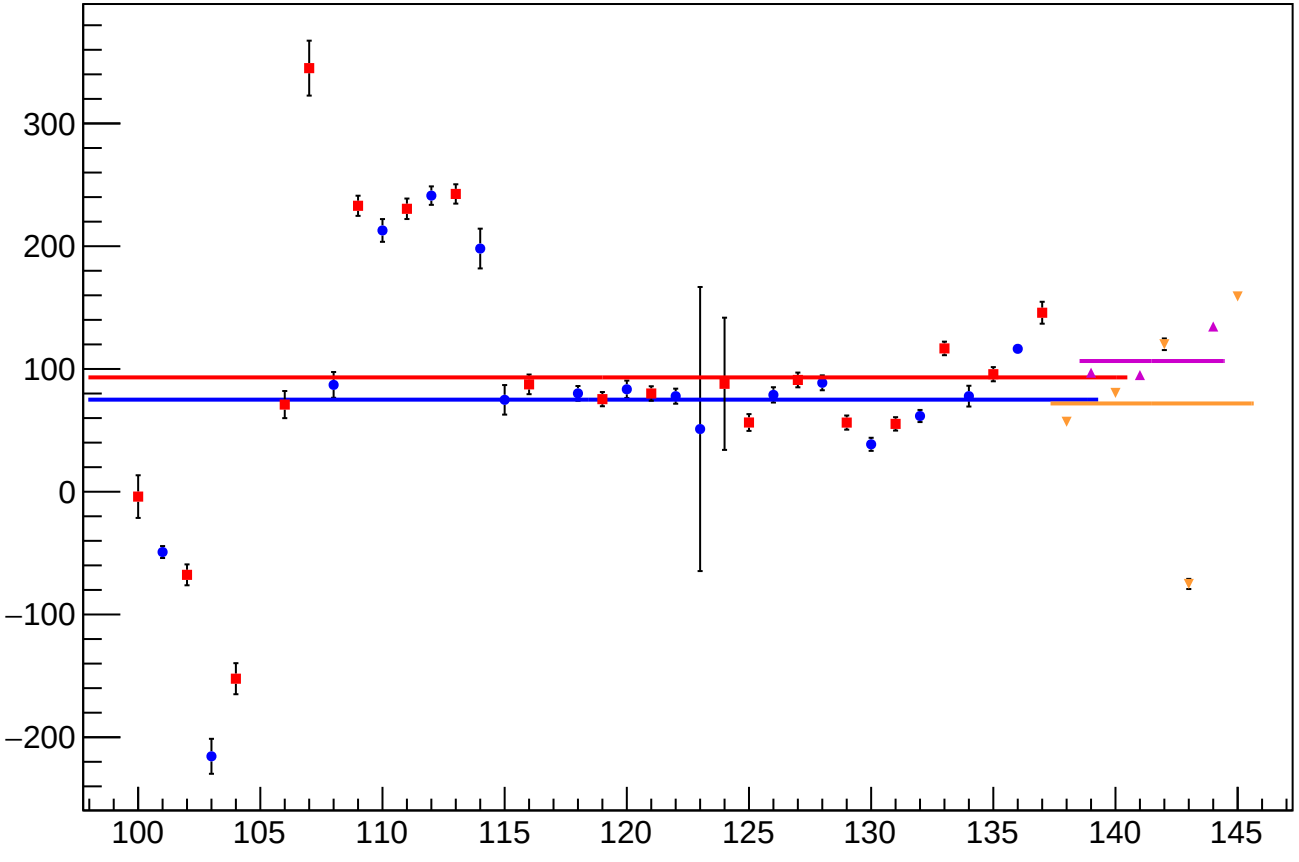
Left In: -0.424+/-1.455 χ^2/NDF:15.3/2

+ sign 12.937+/-0.685 χ^2/NDF: 714.3/21

All: 13.445+/-0.510 χ^2/NDF: 1110.0/43

- sign 14.077+/-0.764 χ^2/NDF: 394.4/21

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 71.907+/-1.491 χ^2/NDF:2061.6/4

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

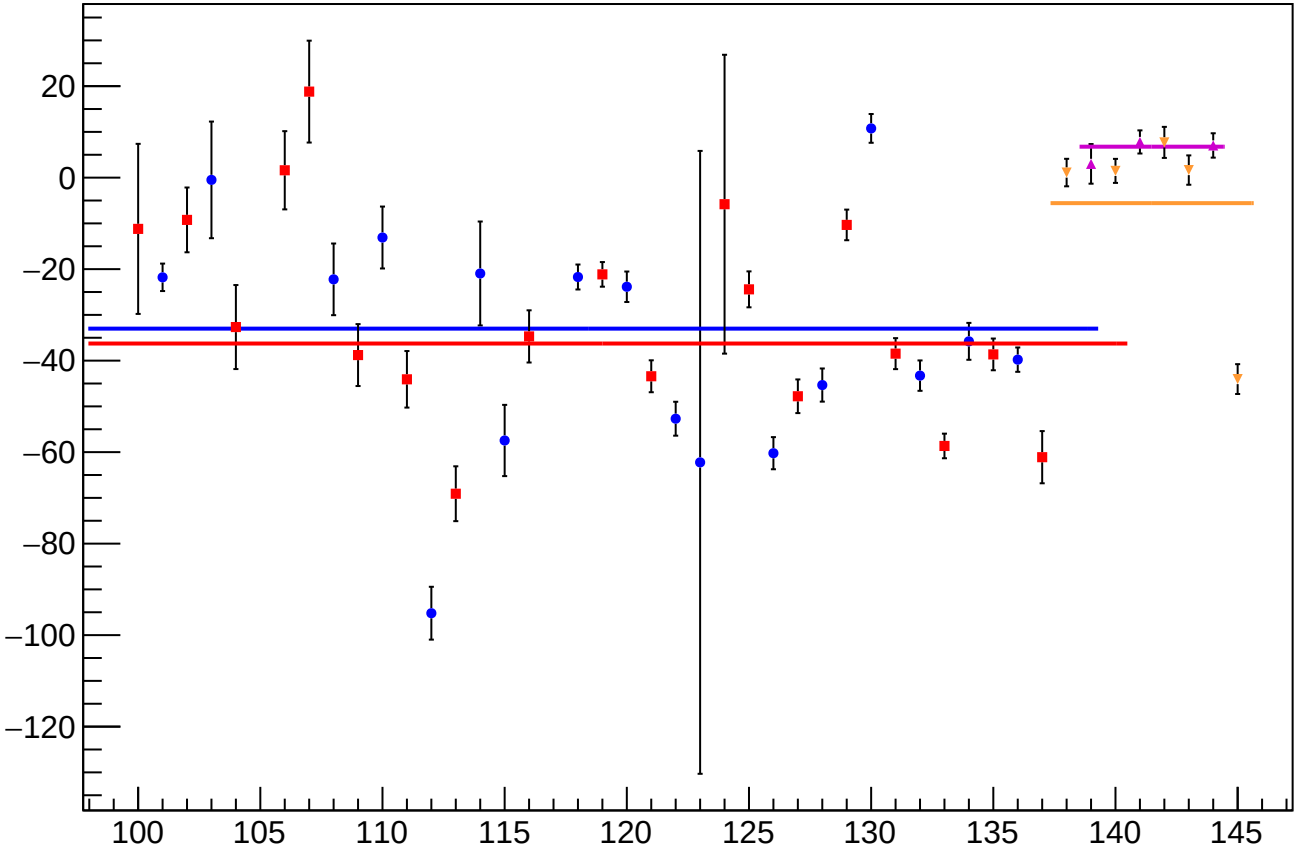
Left In: 106.483+/-1.747 χ^2/NDF:95.3/2

+ sign 73.314+/-1.102 χ^2/NDF: 4062.9/21

All: 85.128+/-0.818 χ^2/NDF: 6446.8/43

- sign 99.672+/-1.223 χ^2/NDF: 2127.4/21

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -5.574+/-1.369 χ^2/NDF:171.6/4

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

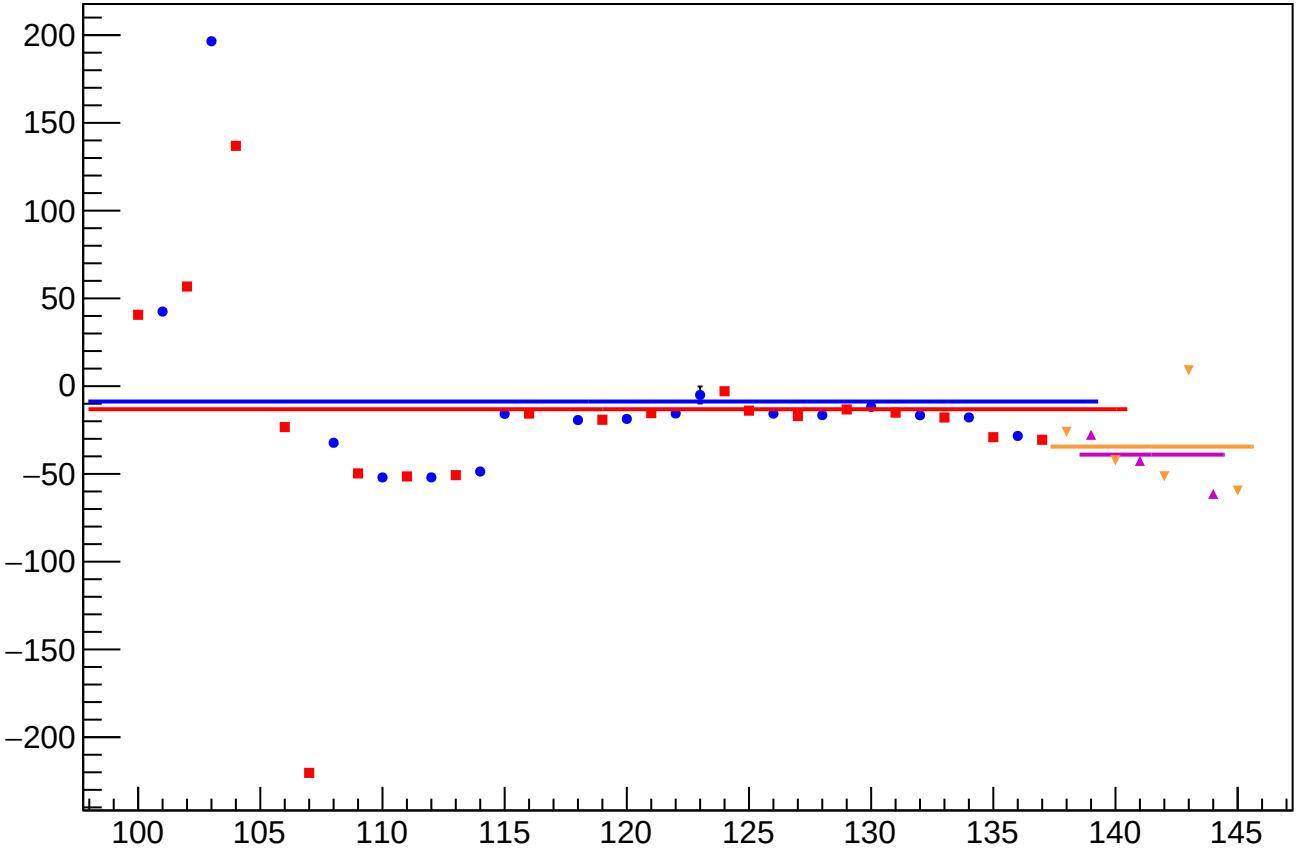
Left In: 6.766+/-1.689 χ^2/NDF:0.9/2

+ sign -23.814+/-0.792 χ^2/NDF: 931.7/21

All: -24.200+/-0.588 χ^2/NDF: 1704.5/43

- sign -24.673+/-0.876 χ^2/NDF: 772.2/21

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -34.429+/-0.060 χ^2/NDF:122225.7/4

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

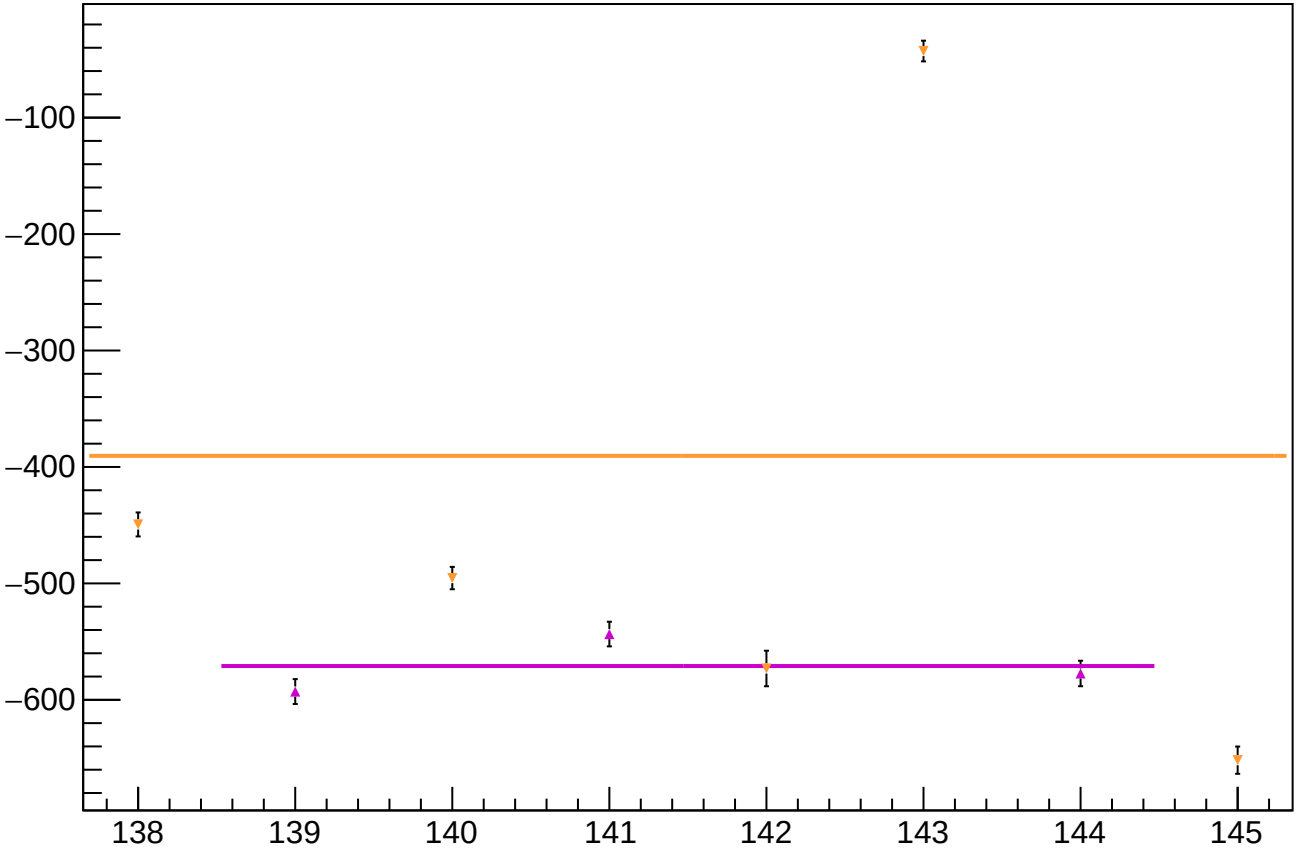
Left In: -39.009+/-0.068 χ^2/NDF:37832.3/2

+ sign -21.277+/-0.042 χ^2/NDF: 791251.5/21

All: -22.954+/-0.031 χ^2/NDF: 1471095.4/43

- sign -24.919+/-0.046 χ^2/NDF: 676396.1/21

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -390.450+/-4.739 χ^2/NDF:2320.8/4

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

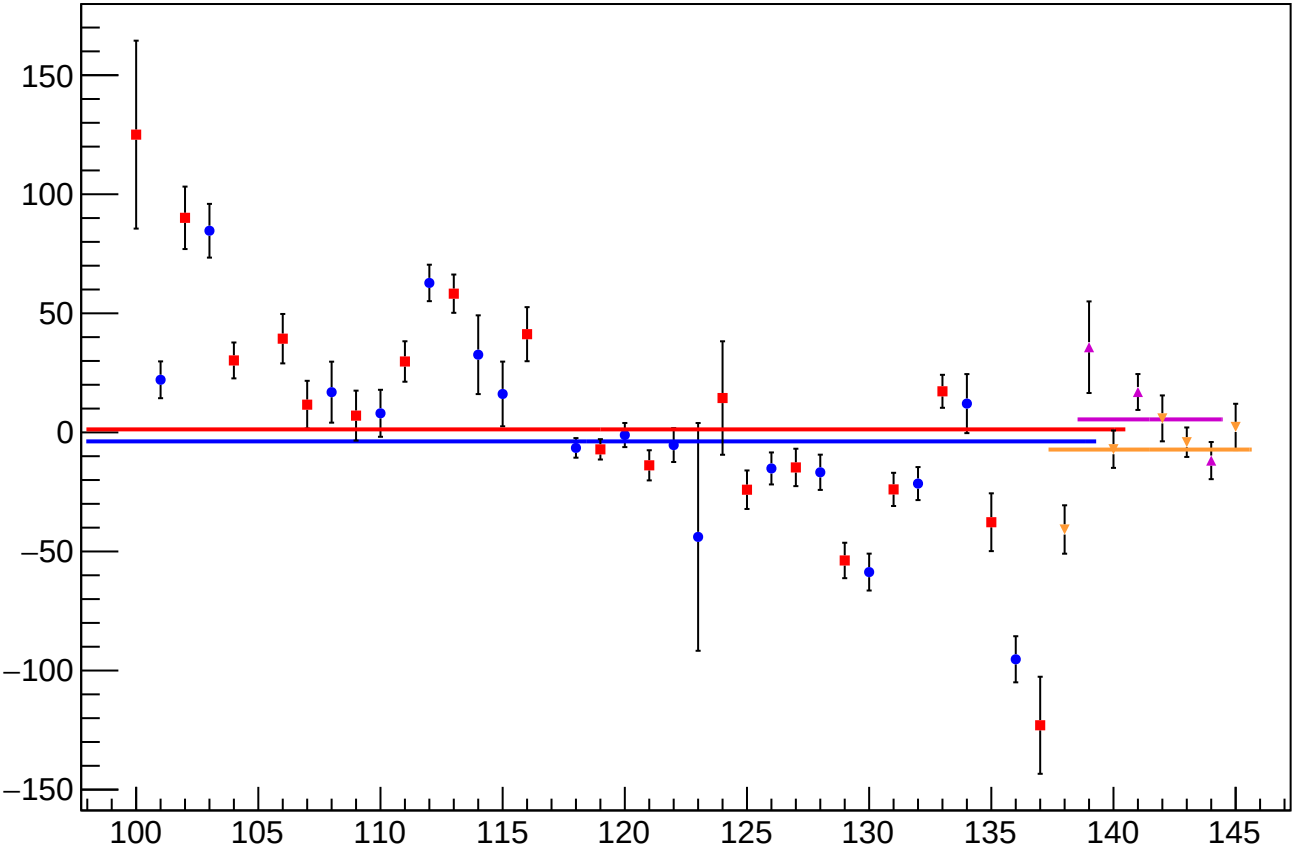
Left In: -570.963+/-6.197 χ^2/NDF:11.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -457.070+/-3.764 χ^2/NDF: 2867.5/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: -7.206+/-3.691 χ^2/NDF:14.0/4

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

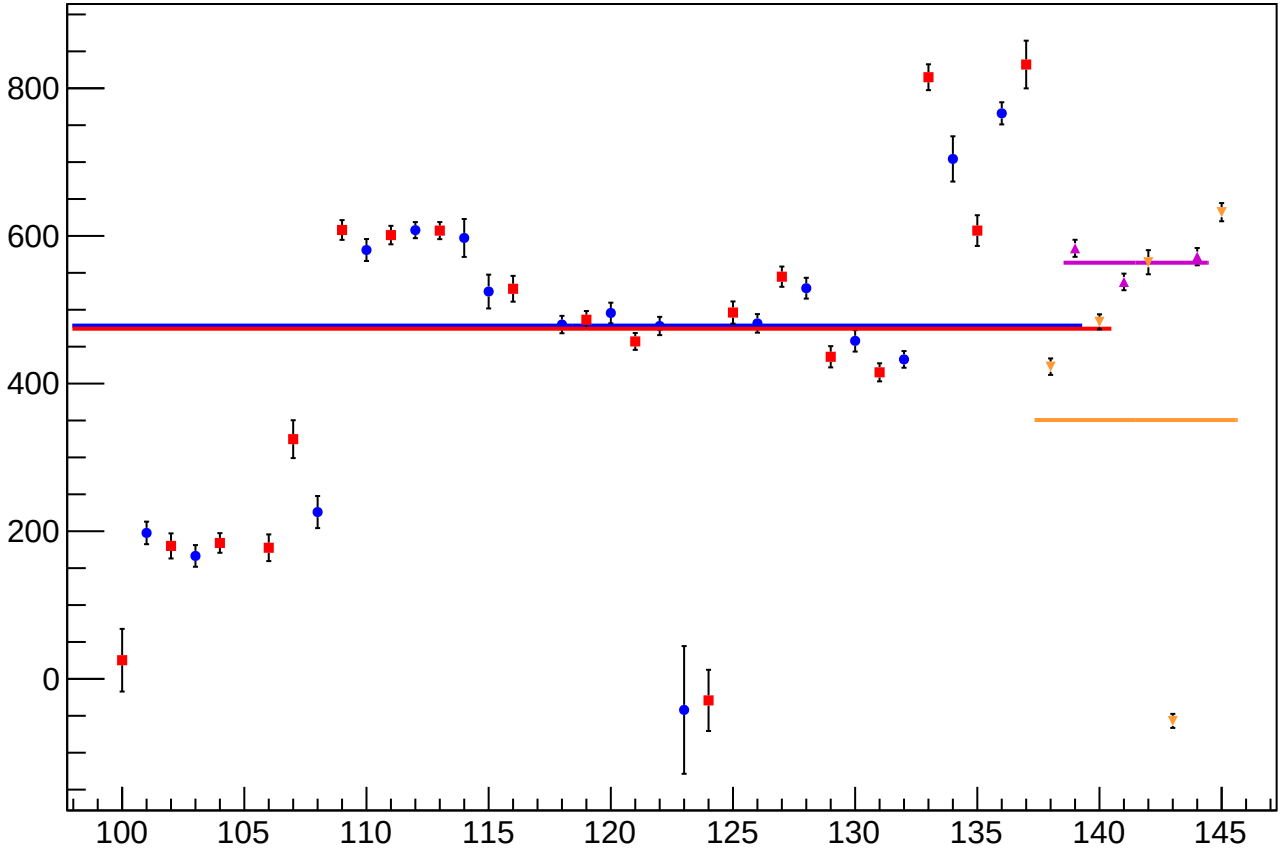
Left In: 5.456+/-5.215 χ^2/NDF:9.7/2

+ sign -4.485+/-1.681 χ^2/NDF: 329.0/21

All: -1.576+/-1.229 χ^2/NDF: 649.5/43

- sign 1.766+/-1.802 χ^2/NDF: 314.0/21

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 350.616+/-5.061 χ^2/NDF:2746.7/4

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

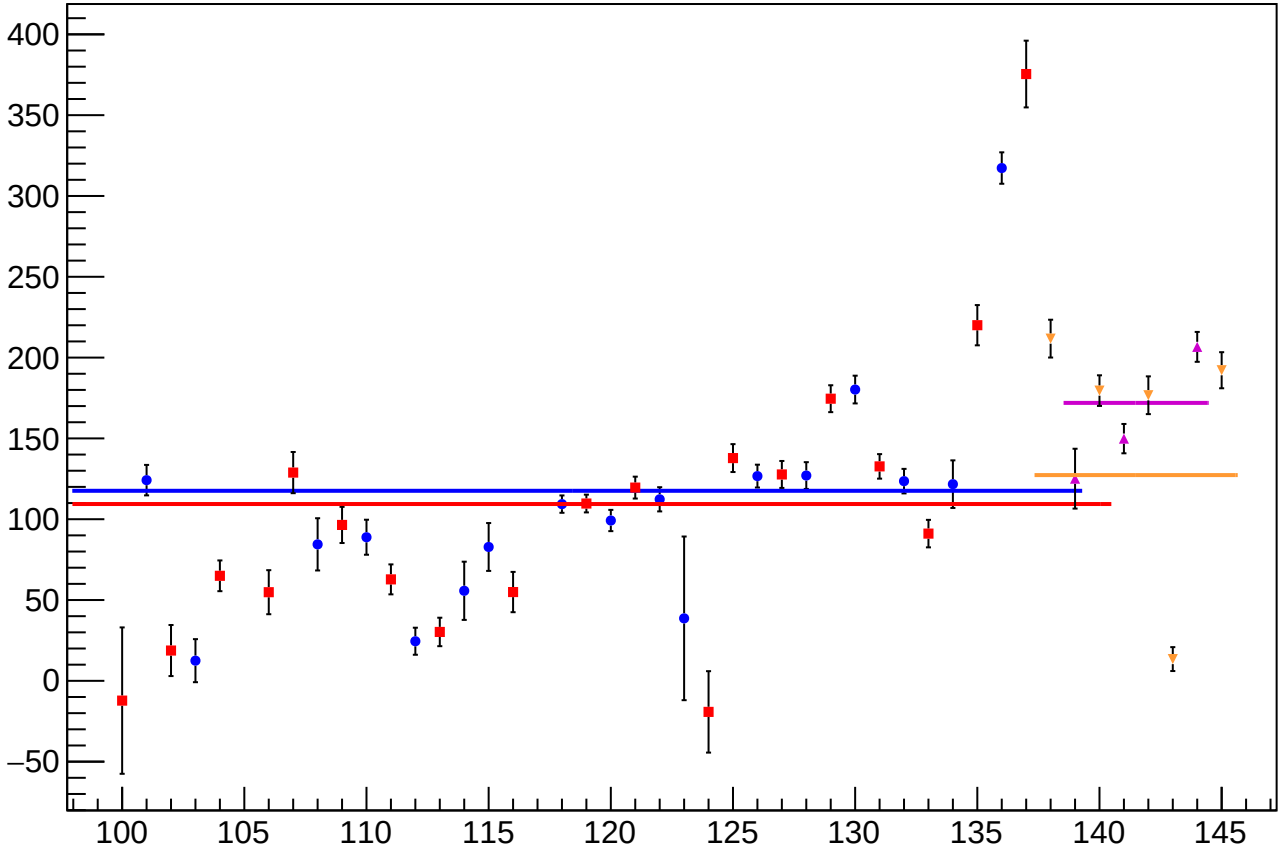
Left In: 563.719+/-6.642 χ^2/NDF:8.7/2

+ sign 435.072+/-2.950 χ^2/NDF: 4797.5/21

All: 462.913+/-2.143 χ^2/NDF: 7423.2/43

- sign 494.040+/-3.119 χ^2/NDF: 2437.0/21

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 127.303+/-4.382 χ^2/NDF:371.1/4

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

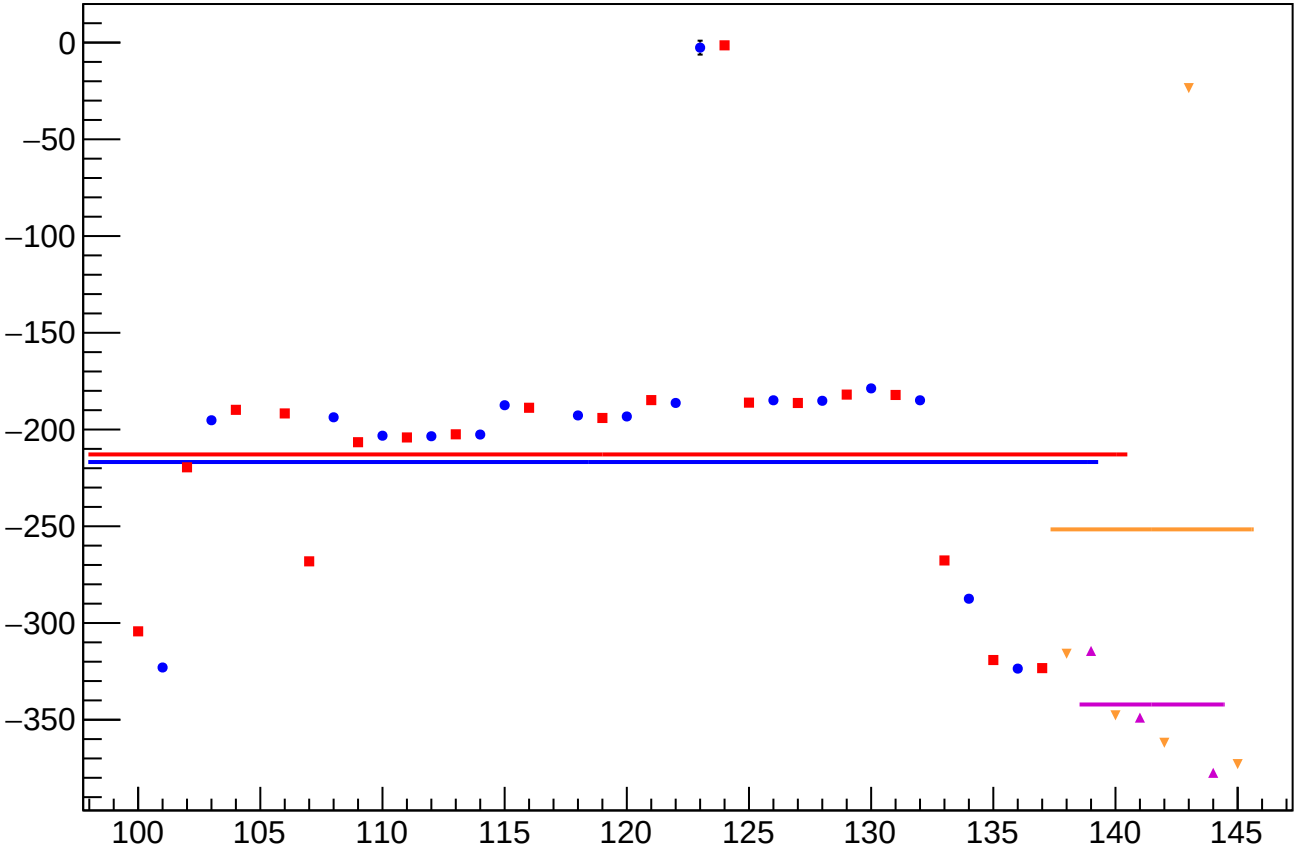
Left In: 171.972+/-6.115 χ^2/NDF:26.4/2

+ sign 119.531+/-1.961 χ^2/NDF: 1081.9/21

All: 118.164+/-1.426 χ^2/NDF: 1773.2/43

- sign 116.628+/-2.078 χ^2/NDF: 690.2/21

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -251.606+/-0.206 χ^2/NDF:517839.0/4

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

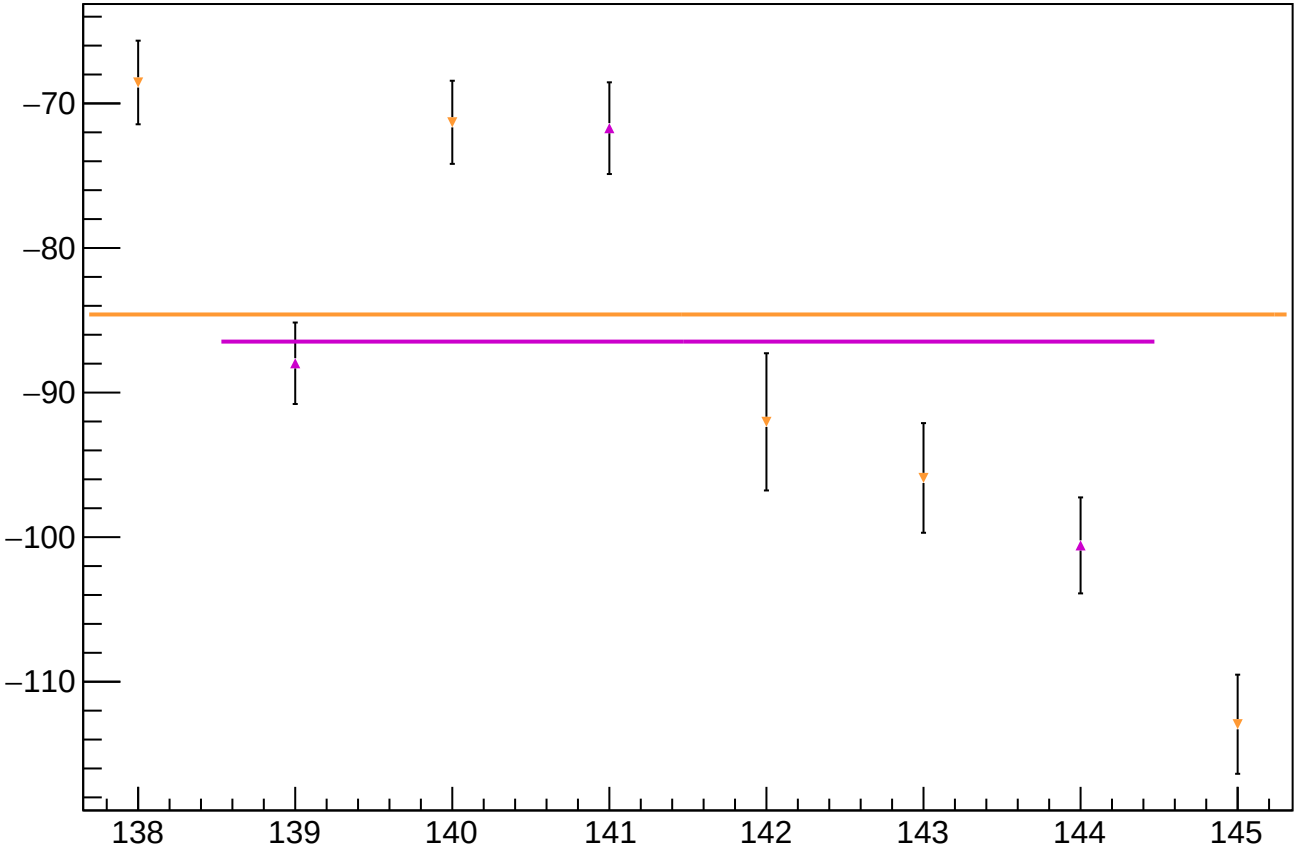
Left In: -342.113+/-0.261 χ^2/NDF:9600.0/2

+ sign -227.327+/-0.113 χ^2/NDF: 684737.8/21

All: -232.793+/-0.081 χ^2/NDF: 1011637.3/43

- sign -238.573+/-0.116 χ^2/NDF: 322109.8/21

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -84.598+/-1.508 χ^2/NDF:131.9/4

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

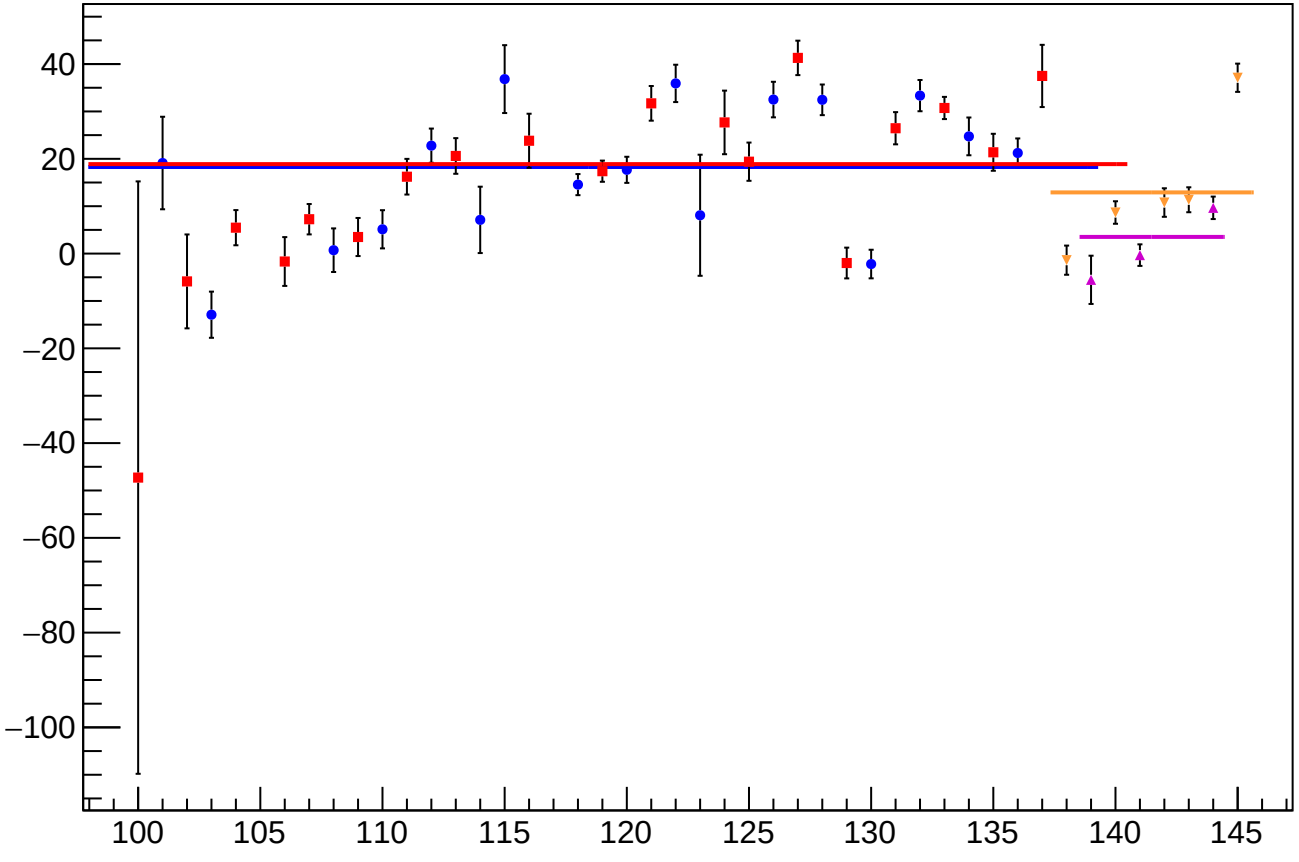
Left In: -86.474+/-1.779 χ^2/NDF:40.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -85.383+/-1.150 χ^2/NDF: 172.5/7

- 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: 12.913+/-1.240 χ^2/NDF:91.5/4

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

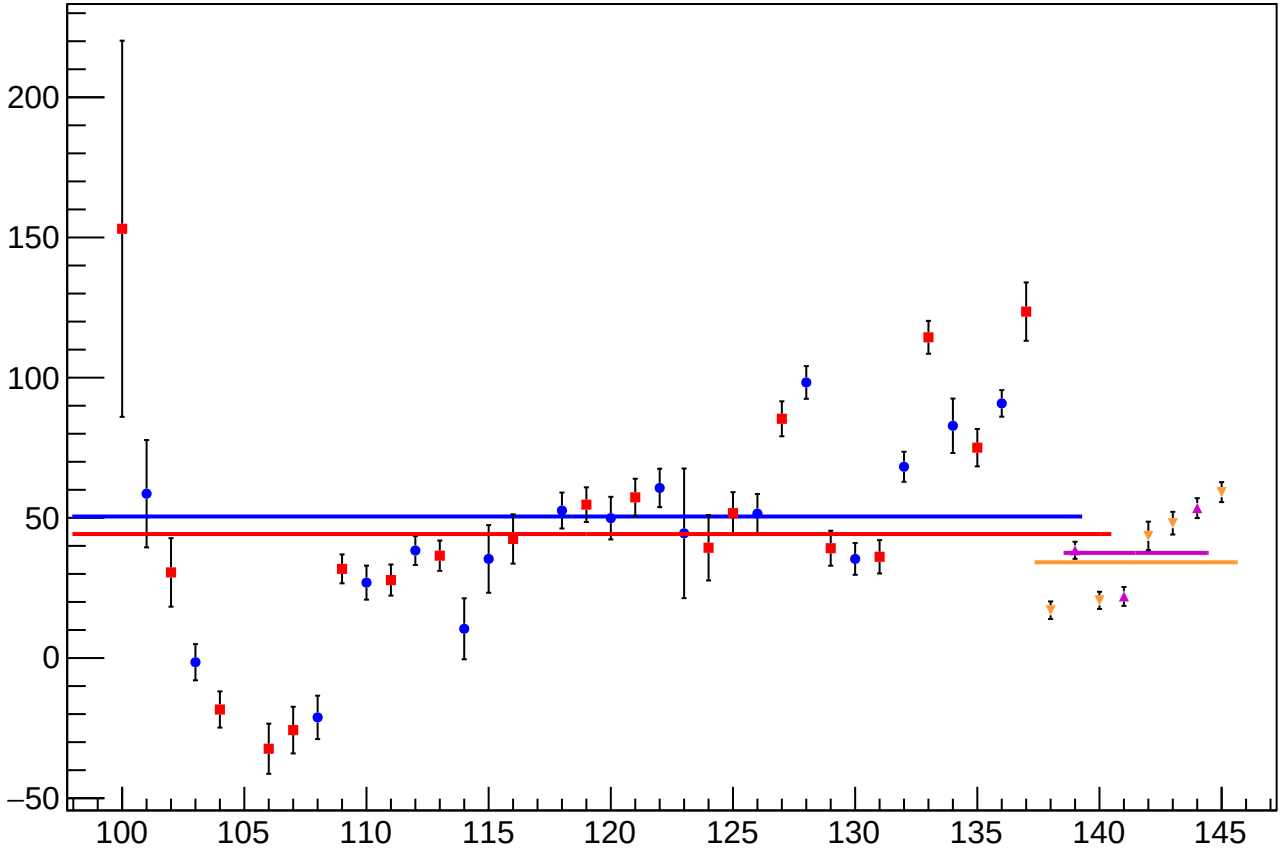
Left In: 3.520+/-1.562 χ^2/NDF:12.7/2

+ sign 16.414+/-0.731 χ^2/NDF: 308.3/21

All: 15.866+/-0.526 χ^2/NDF: 594.6/43

- sign 15.281+/-0.756 χ^2/NDF: 285.2/21

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 34.158+/-1.607 χ^2/NDF:114.1/4

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

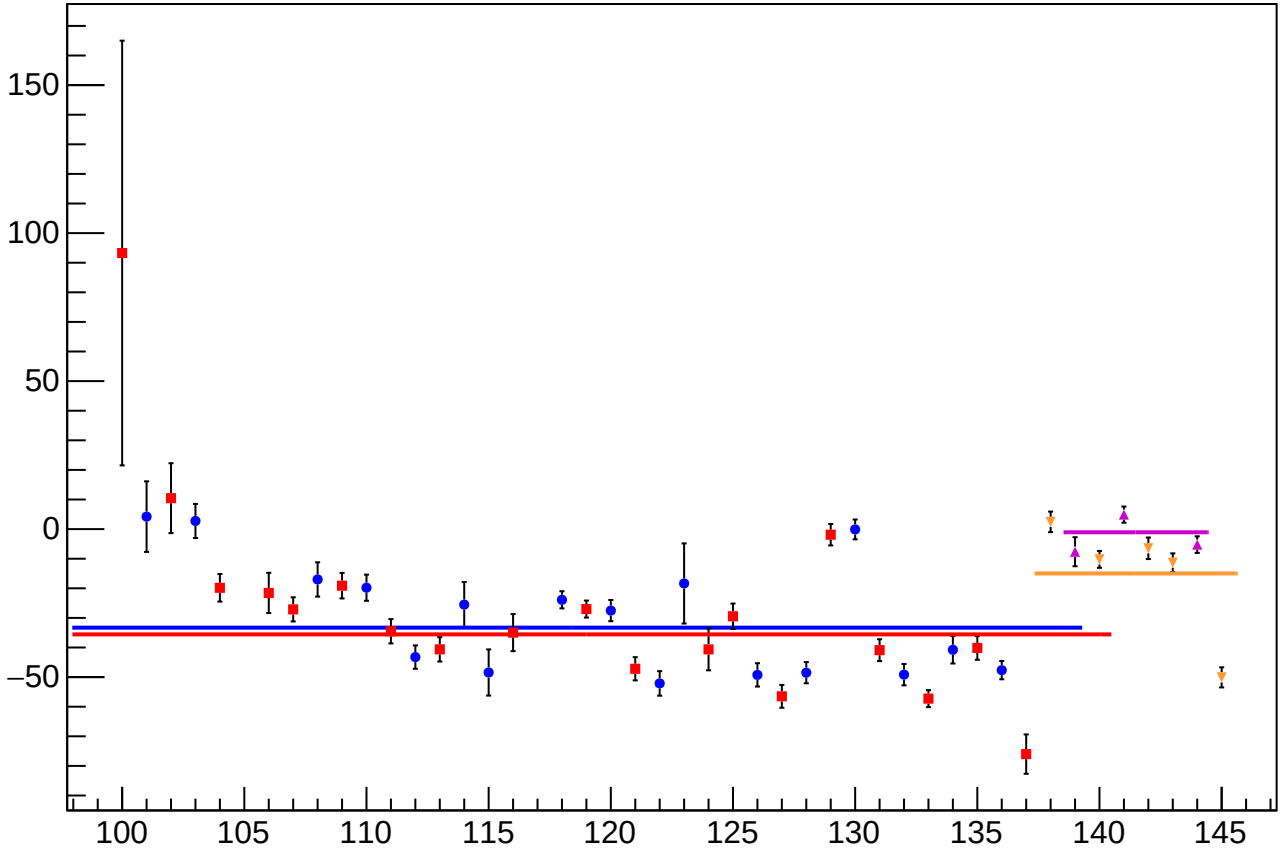
Left In: 37.506+/-1.908 χ^2/NDF:41.5/2

+ sign 42.018+/-1.157 χ^2/NDF: 521.6/21

All: 41.748+/-0.842 χ^2/NDF: 1104.9/43

- sign 41.444+/-1.227 χ^2/NDF: 583.2/21

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -14.983+/-1.460 χ^2/NDF:141.6/4

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

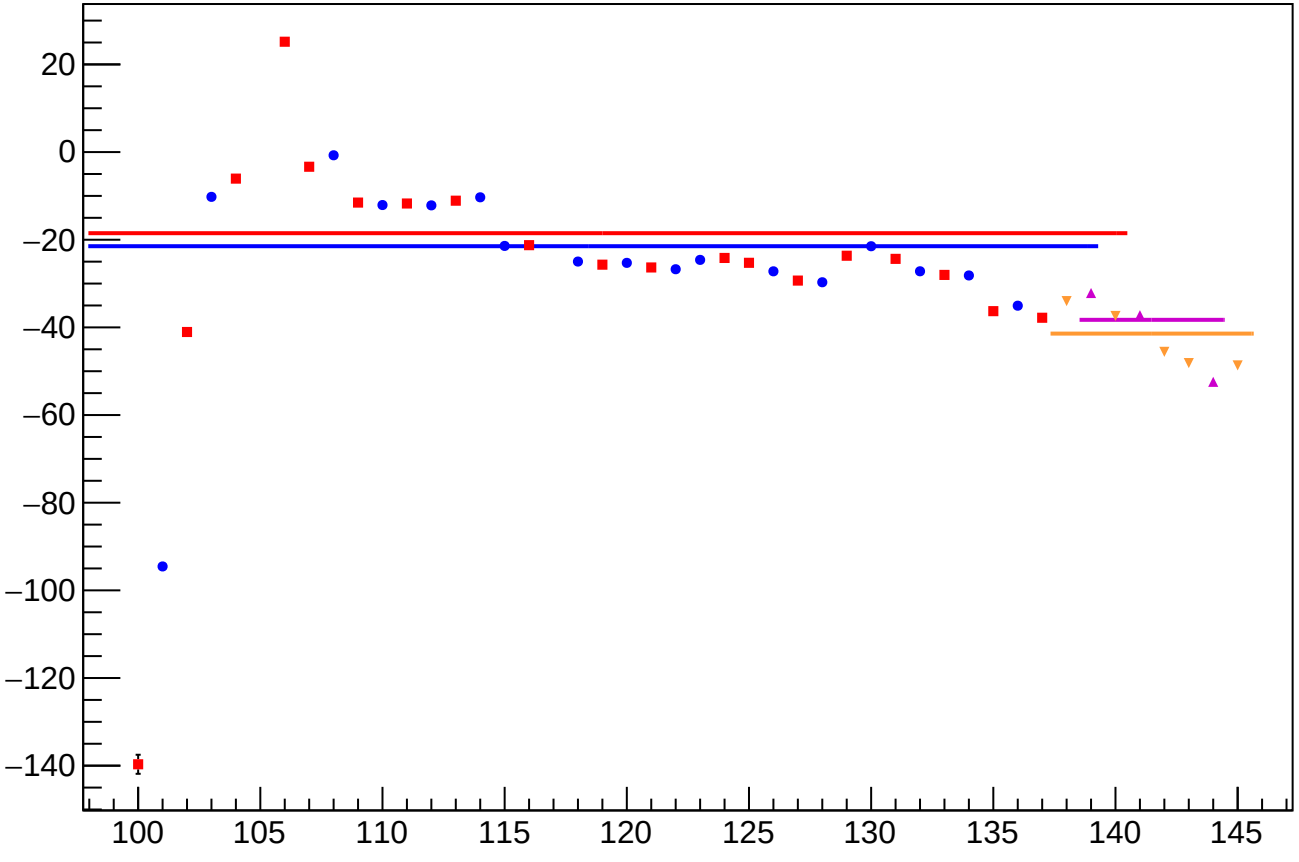
Left In: -1.075+/-1.817 χ^2/NDF:8.8/2

+ sign -27.185+/-0.843 χ^2/NDF: 535.5/21

All: -27.404+/-0.606 χ^2/NDF: 1109.7/43

- sign -27.637+/-0.871 χ^2/NDF: 574.0/21

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -41.418+/-0.065 χ^2/NDF:9399.7/4

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

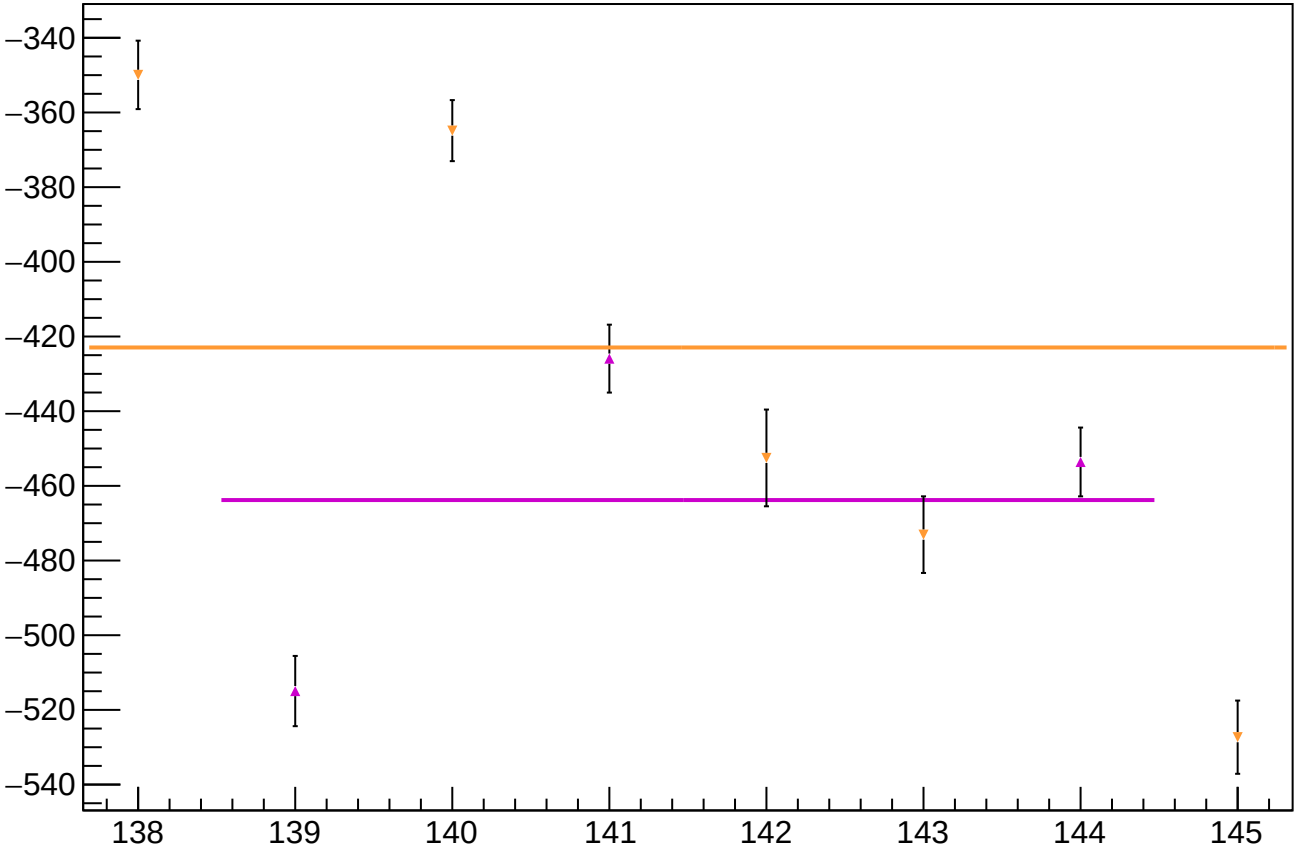
Left In: -38.276+/-0.074 χ^2/NDF:11584.0/2

+ sign -30.417+/-0.044 χ^2/NDF: 110191.1/21

All: -28.253+/-0.031 χ^2/NDF: 252152.4/43

- sign -25.910+/-0.045 χ^2/NDF: 136826.9/21

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -422.938+/-4.355 χ^2/NDF:256.3/4

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

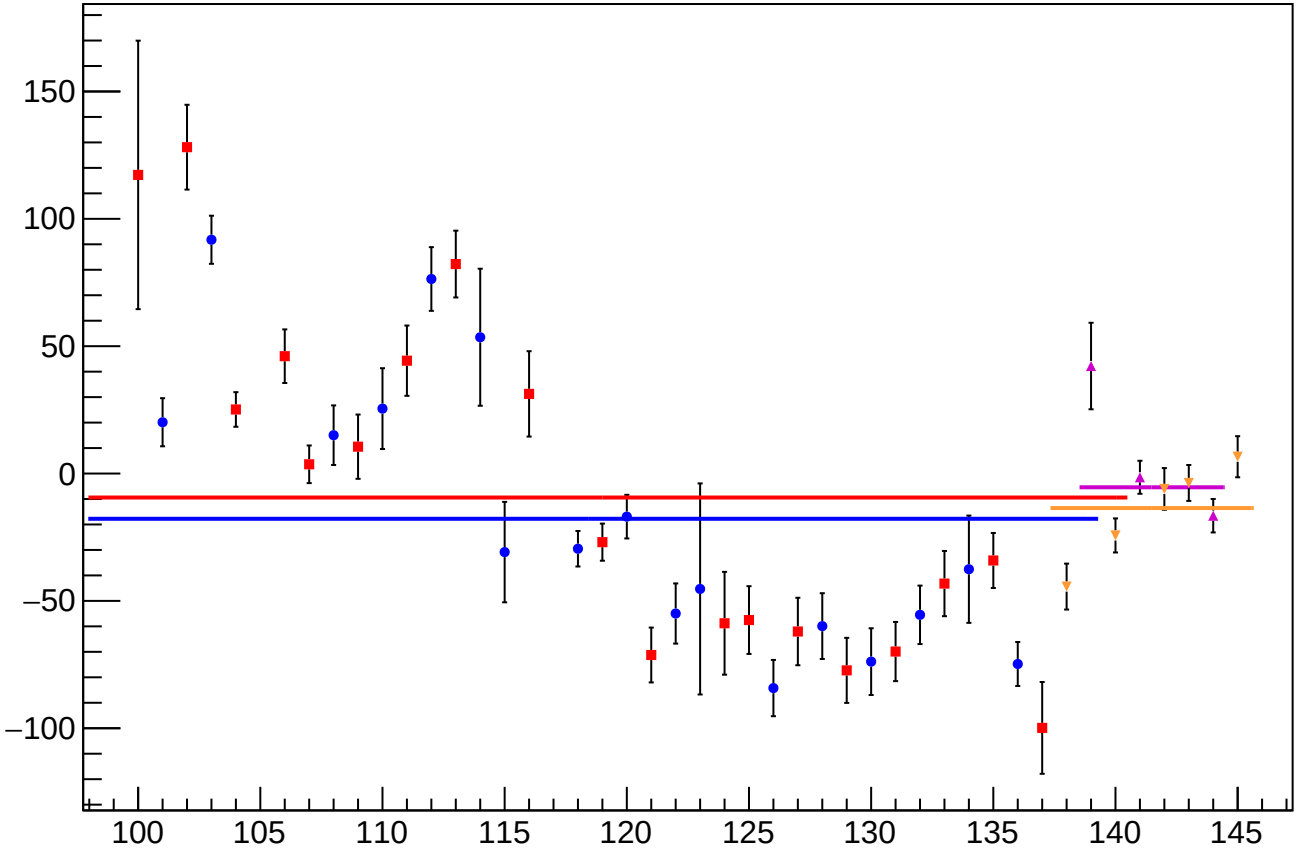
Left In: -463.802+/-5.332 χ^2/NDF:48.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -439.288+/-3.373 χ^2/NDF: 339.7/7

- 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: -13.552+/-3.428 χ^2/NDF:23.3/4

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

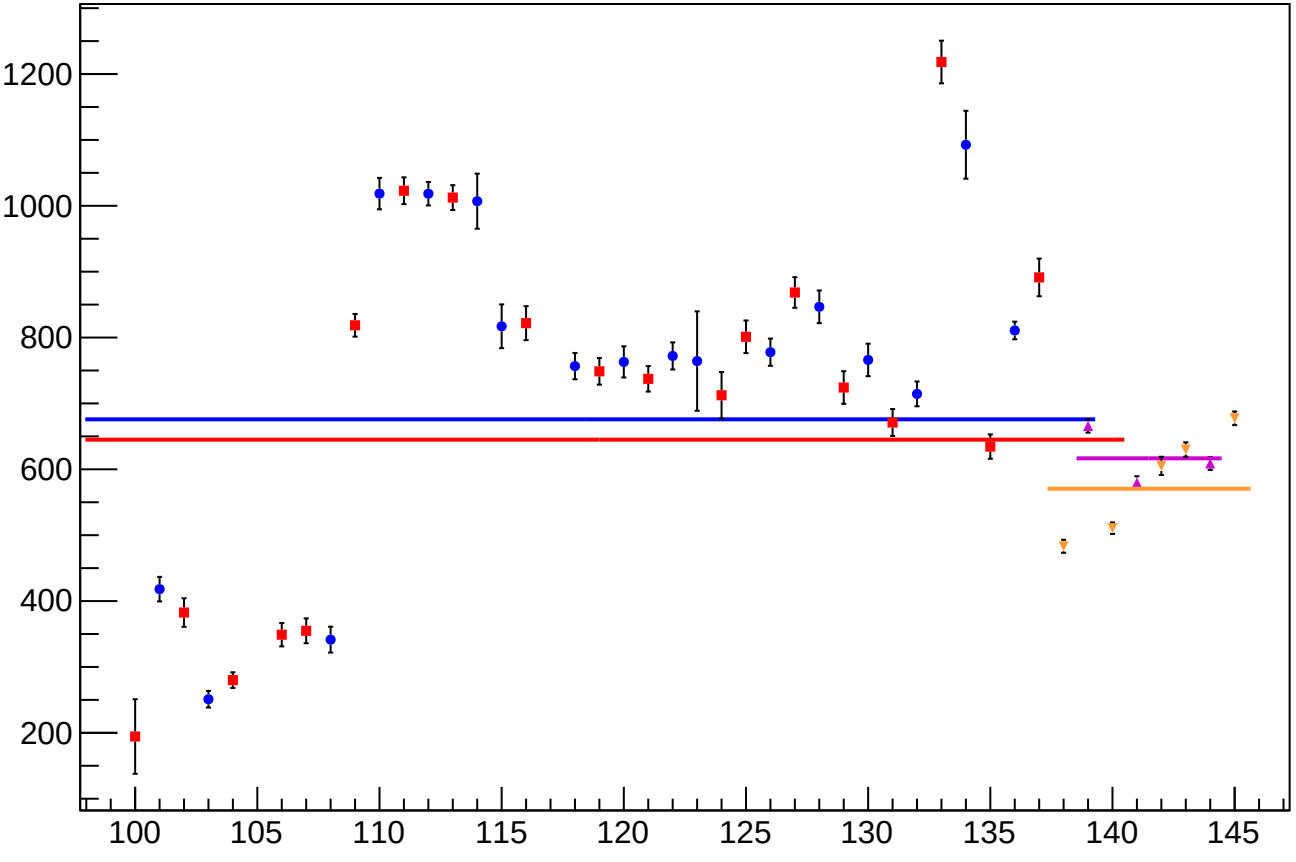
Left In: -5.397+/-4.451 χ^2/NDF:11.1/2

+ sign -16.092+/-2.160 χ^2/NDF: 388.1/21

All: -12.403+/-1.559 χ^2/NDF: 775.5/43

- sign -8.386+/-2.254 χ^2/NDF: 381.3/21

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 570.536+/-4.651 χ^2/NDF:267.2/4

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

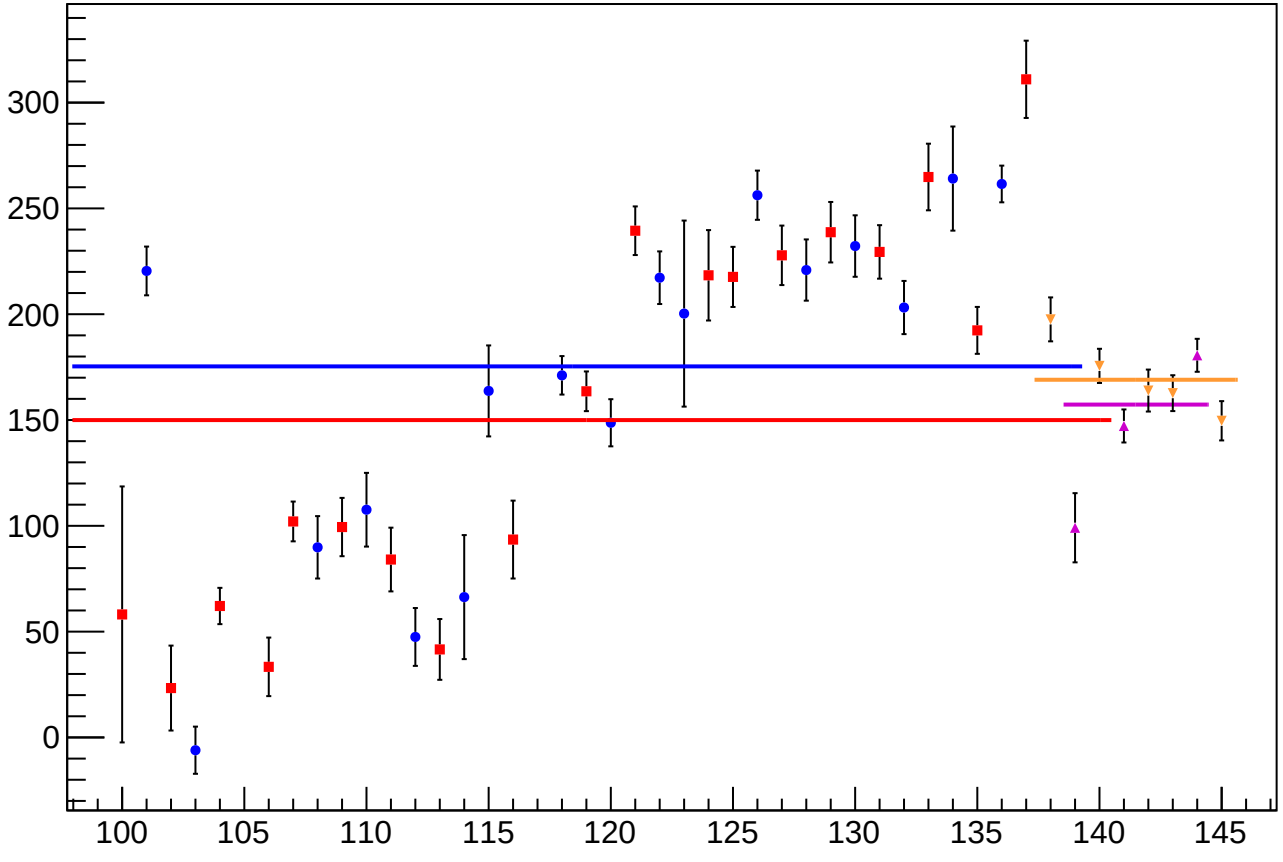
Left In: 616.674+/-5.714 χ^2/NDF:38.4/2

+ sign 619.018+/-3.417 χ^2/NDF: 3089.6/21

All: 625.722+/-2.497 χ^2/NDF: 6274.0/43

- sign 633.402+/-3.658 χ^2/NDF: 3176.2/21

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 169.027+/-4.072 χ^2/NDF:13.4/4

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

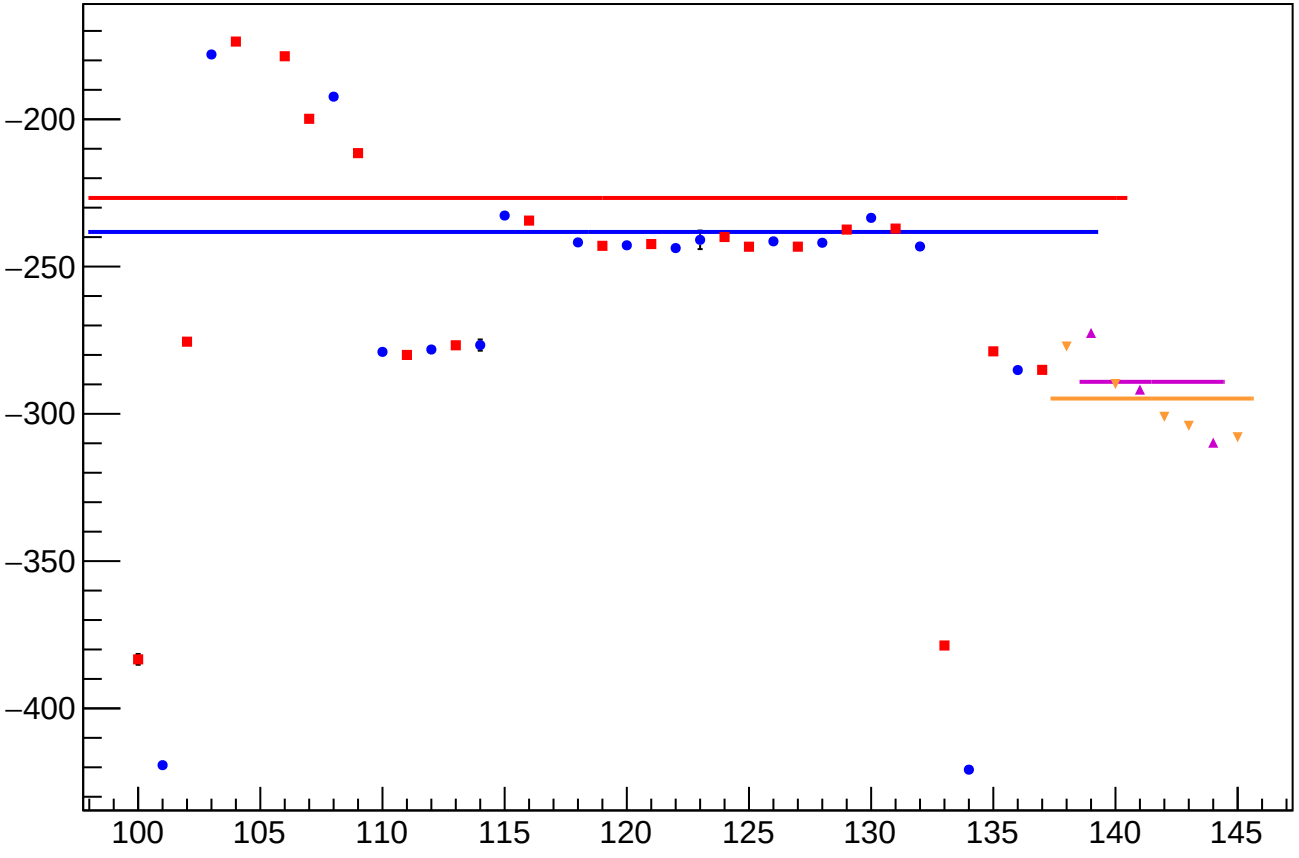
Left In: 157.294+/-5.224 χ^2/NDF:23.3/2

+ sign 172.928+/-2.518 χ^2/NDF: 653.3/21

All: 162.840+/-1.819 χ^2/NDF: 1404.8/43

- sign 151.825+/-2.631 χ^2/NDF: 717.9/21

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -294.804+/-0.190 χ^2/NDF:3764.4/4

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

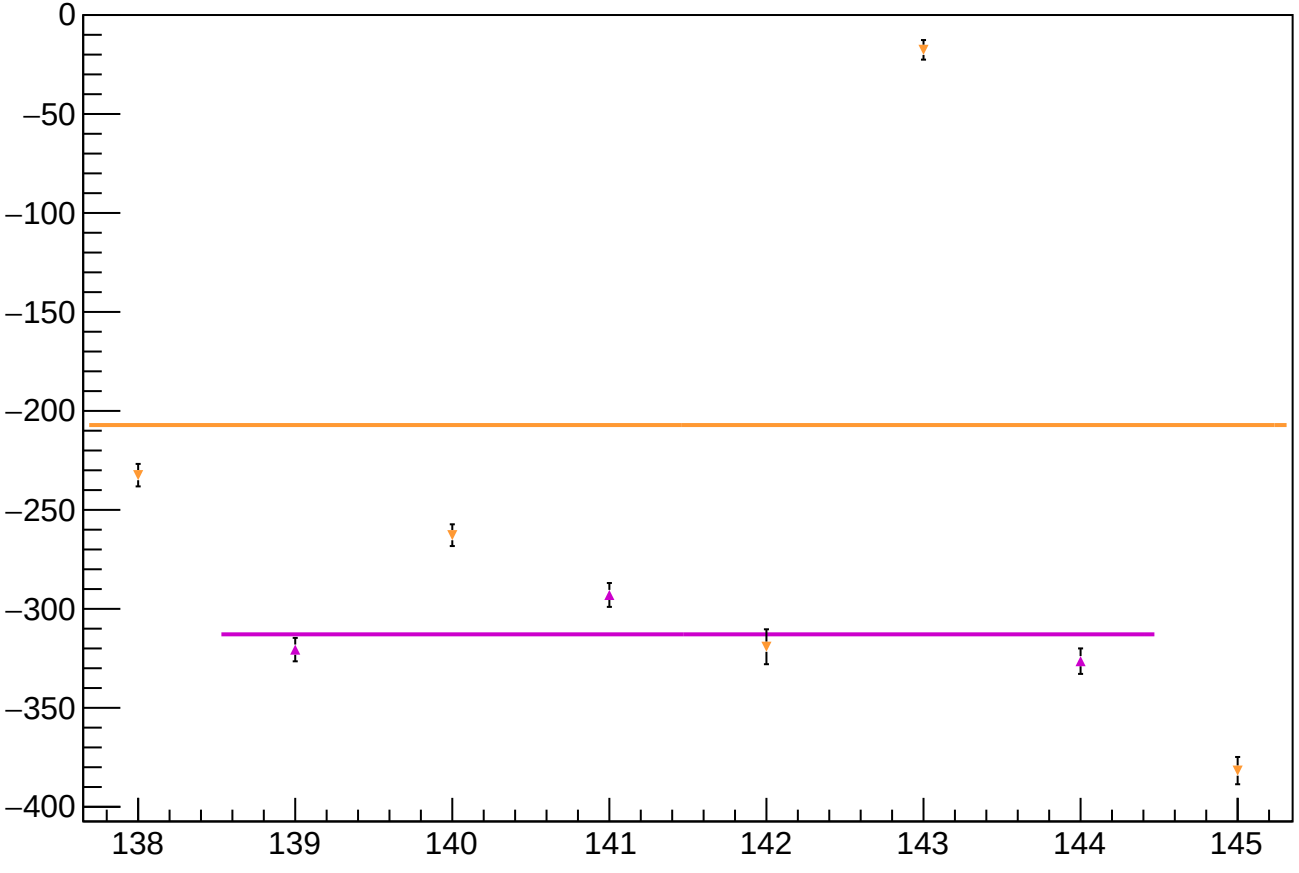
Left In: -289.132+/-0.226 χ^2/NDF:4479.0/2

+ sign -261.689+/-0.122 χ^2/NDF: 222727.3/21

All: -254.060+/-0.088 χ^2/NDF: 390851.0/43

- sign -246.030+/-0.126 χ^2/NDF: 160146.0/21

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -207.142+/-2.683 χ^2/NDF:2394.3/4

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

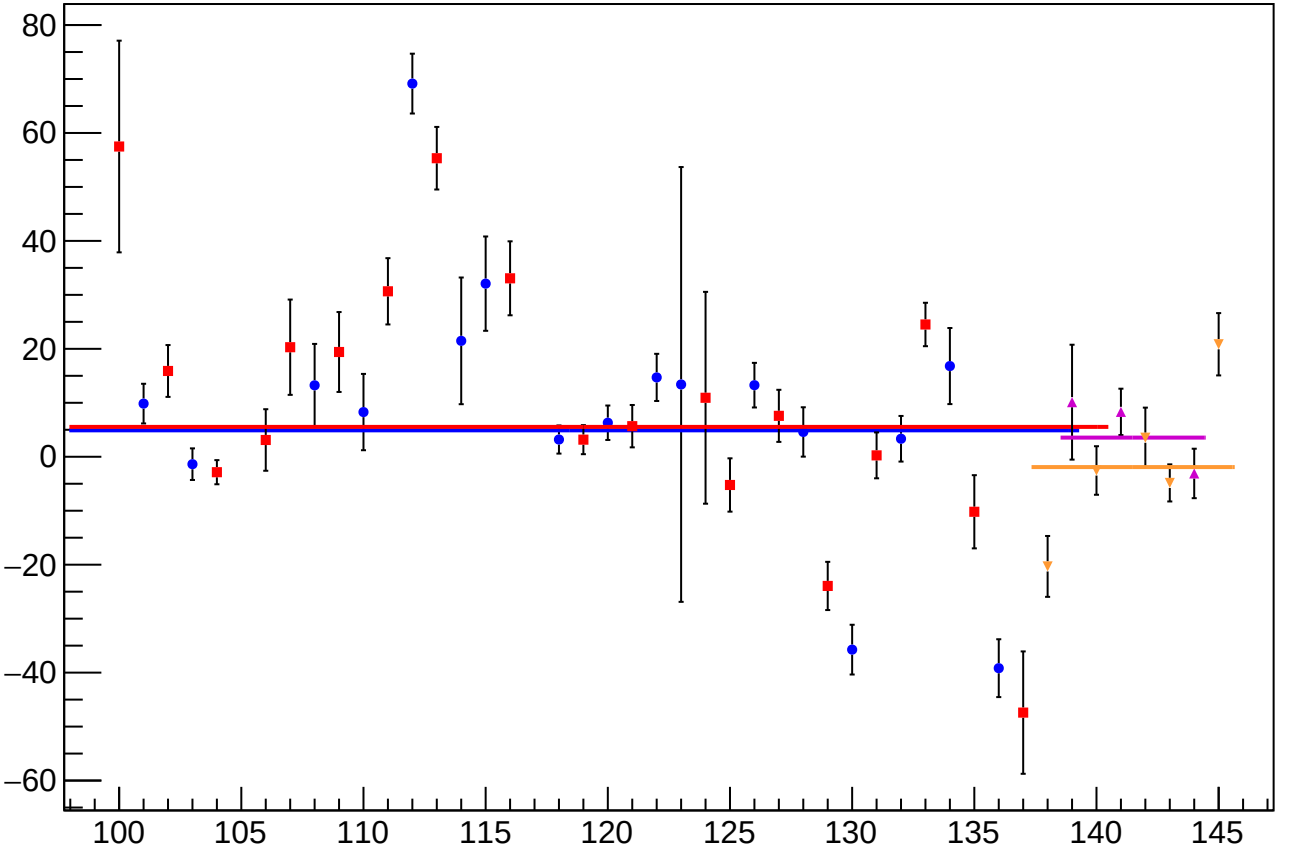
Left In: -312.869+/-3.531 χ^2/NDF:17.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -245.834+/-2.136 χ^2/NDF: 2979.6/7

- 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: -1.912+/-2.096 χ^2/NDF:27.9/4

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

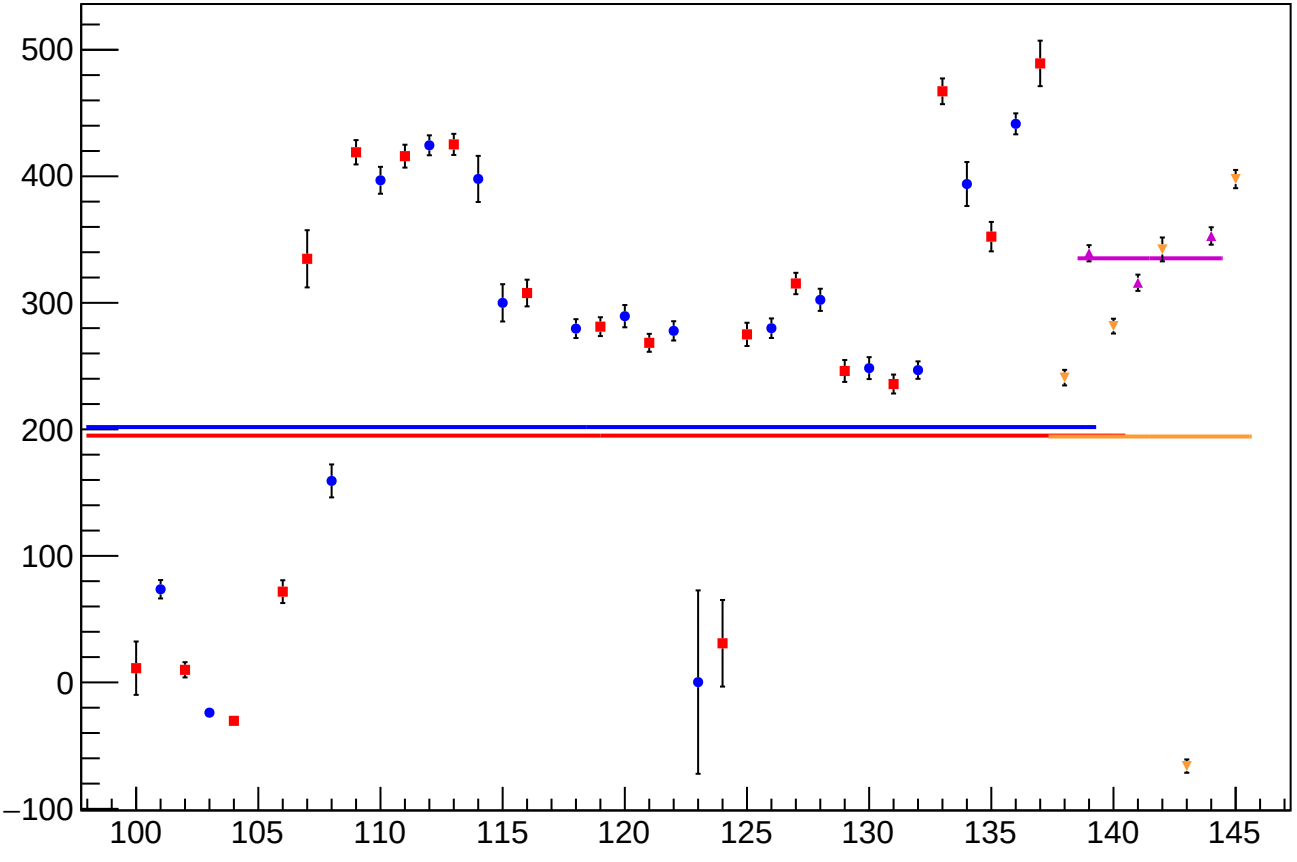
Left In: 3.549+/-3.006 χ^2/NDF:3.7/2

+ sign 3.449+/-0.966 χ^2/NDF: 348.2/21

All: 4.339+/-0.698 χ^2/NDF: 593.2/43

- sign 5.310+/-1.009 χ^2/NDF: 243.2/21

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 194.346+/-2.865 χ^2/NDF:3753.3/4

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

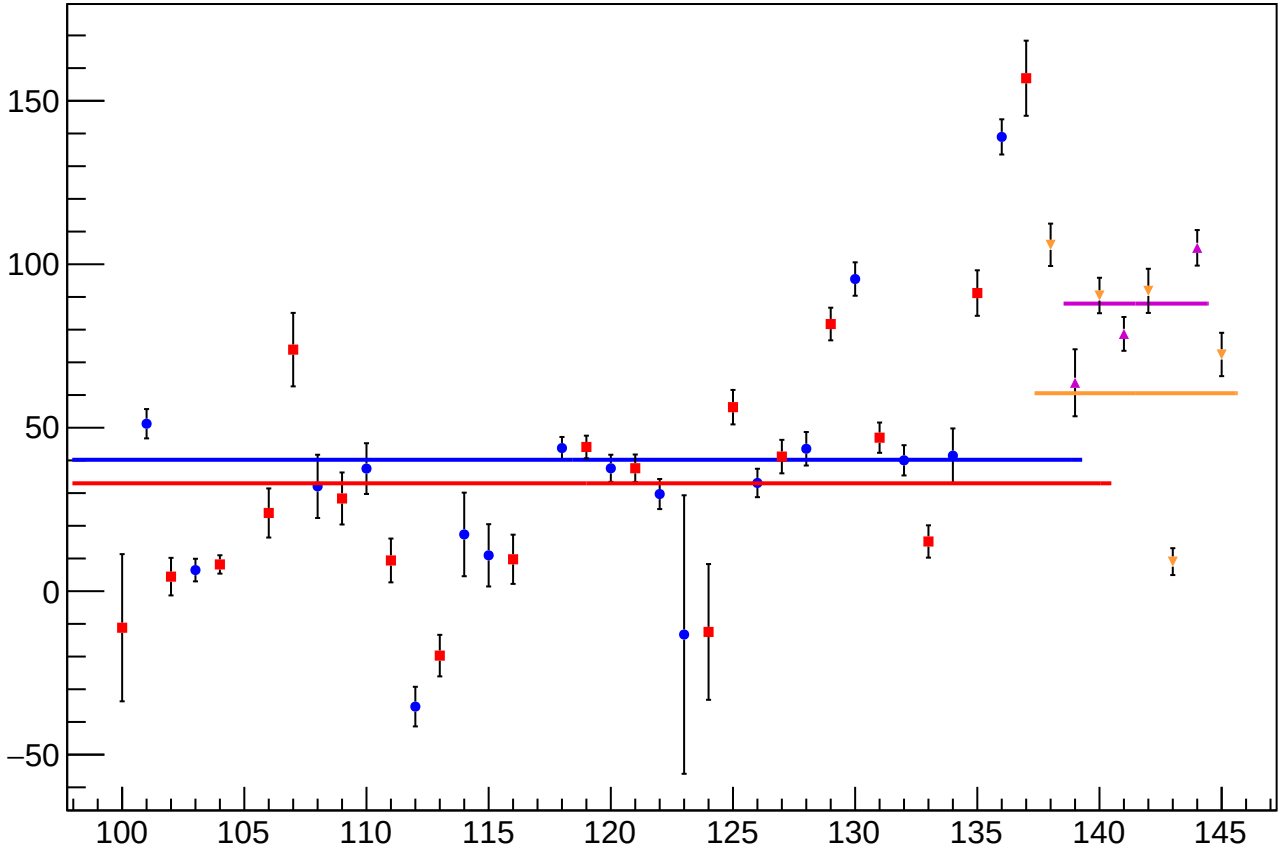
Left In: 335.189+/-3.786 χ^2/NDF:16.0/2

+ sign 199.411+/-1.623 χ^2/NDF: 10512.2/21

All: 210.945+/-1.179 χ^2/NDF: 19980.8/43

- sign 223.825+/-1.716 χ^2/NDF: 9361.8/21

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 60.554+/-2.487 χ^2/NDF:261.3/4

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

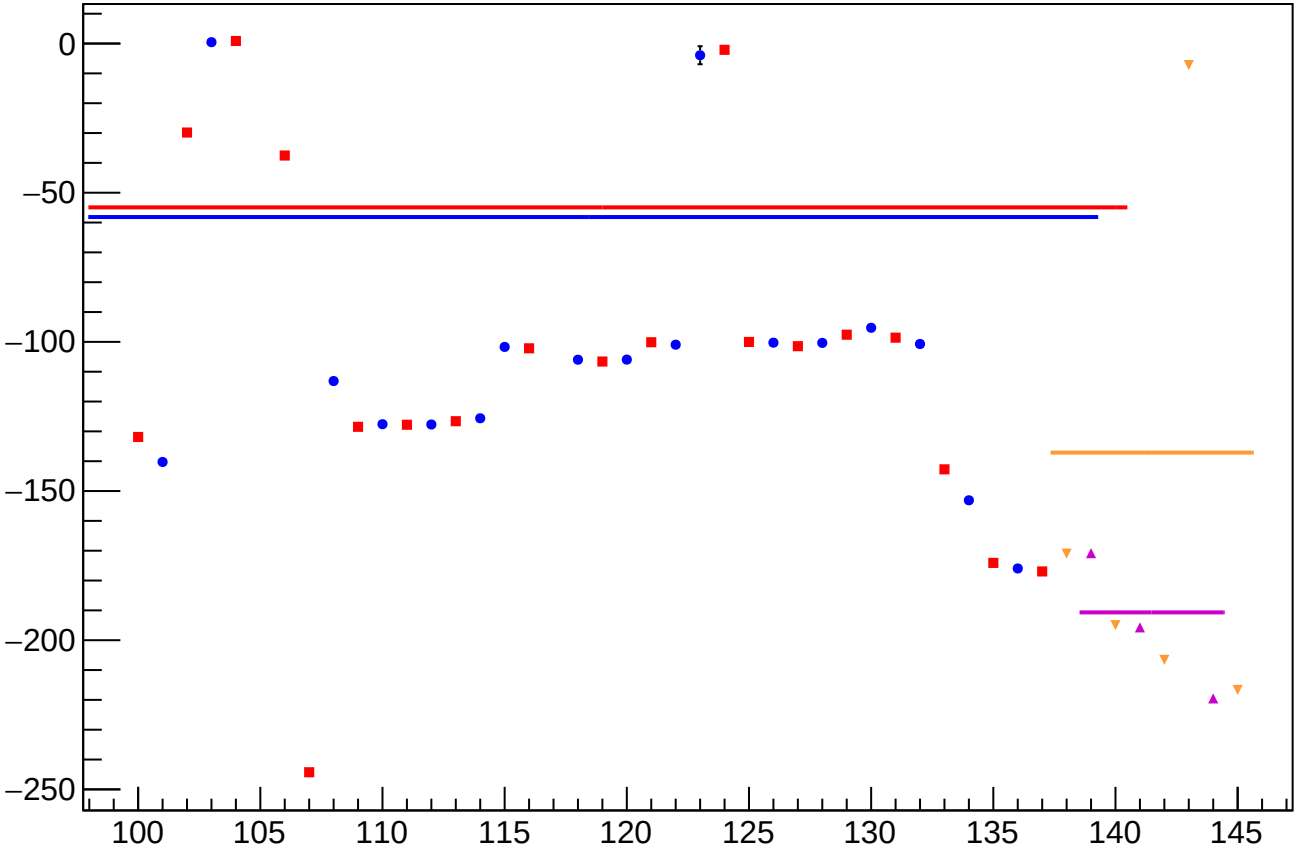
Left In: 87.967+/-3.520 χ^2/NDF:18.6/2

+ sign 44.394+/-1.129 χ^2/NDF: 1049.4/21

All: 41.900+/-0.816 χ^2/NDF: 1848.8/43

- sign 39.176+/-1.180 χ^2/NDF: 789.1/21

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -137.111+/-0.116 χ^2/NDF:560045.9/4

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

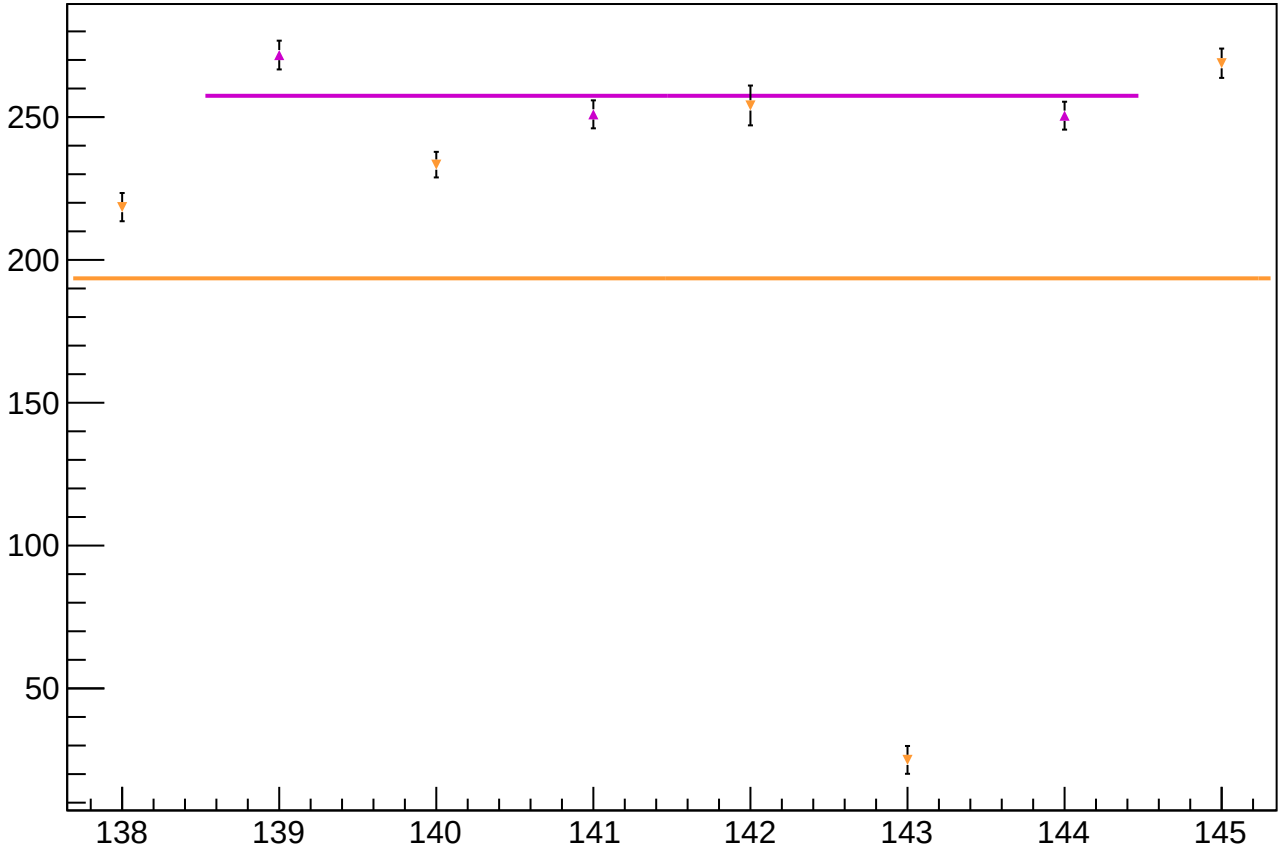
Left In: -190.674+/-0.148 χ^2/NDF:17272.2/2

+ sign -75.403+/-0.054 χ^2/NDF: 2024742.8/21

All: -74.786+/-0.039 χ^2/NDF: 3765783.7/43

- sign -74.137+/-0.056 χ^2/NDF: 1740777.3/21

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 193.547+/-2.285 χ^2/NDF:1593.0/4

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

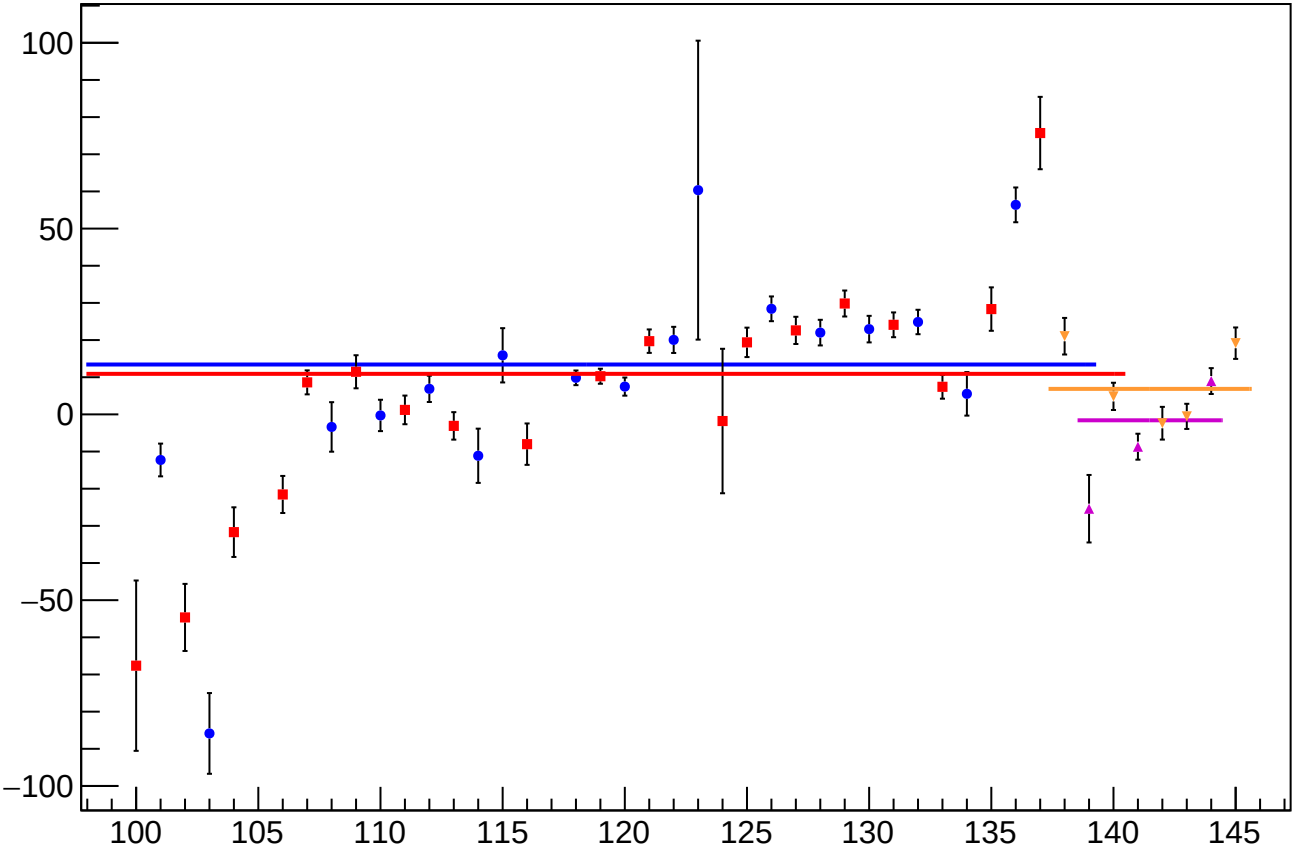
Left In: 257.456+/-2.850 χ^2/NDF:11.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 218.560+/-1.783 χ^2/NDF: 1910.9/7

- 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: 6.863+/-1.795 χ^2/NDF:26.2/4

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

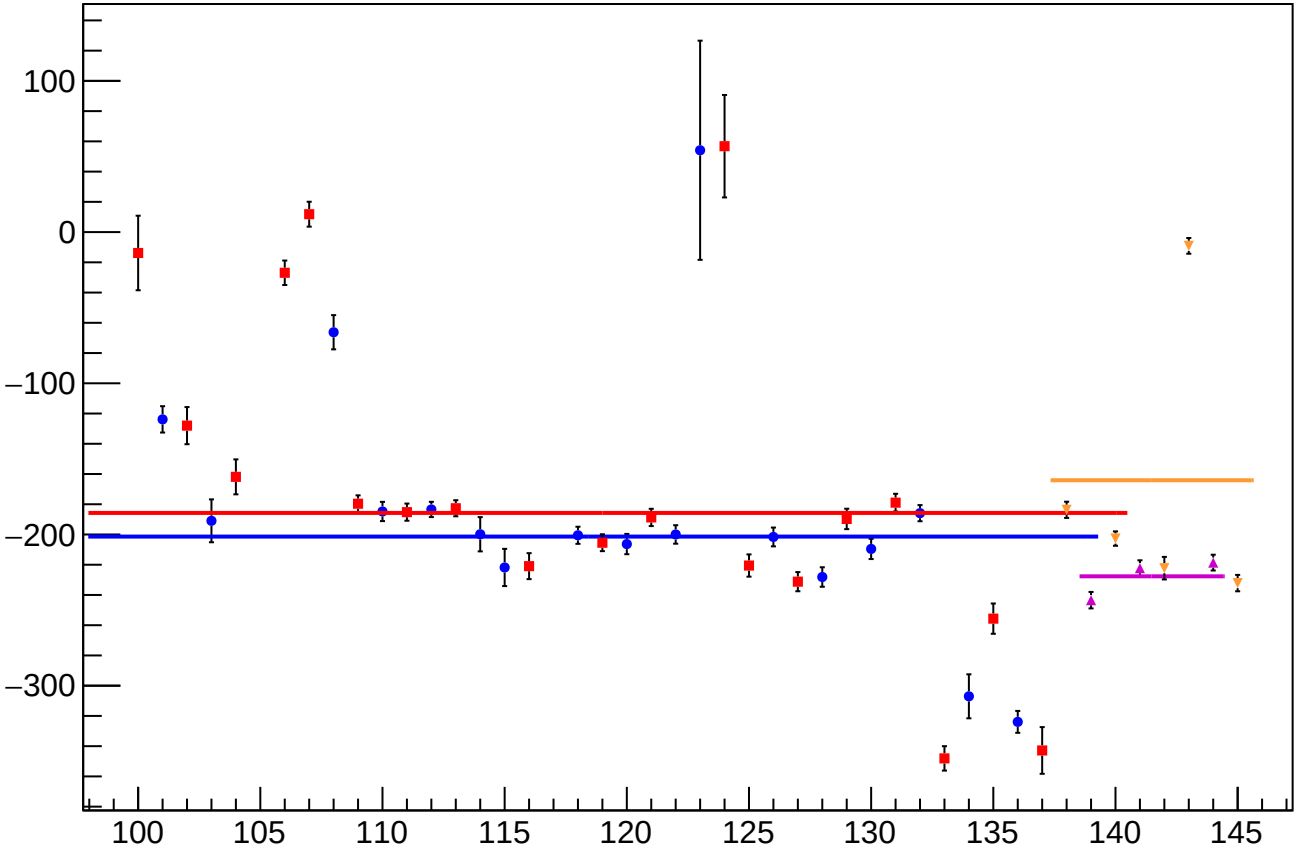
Left In: -1.593+/-2.379 χ^2/NDF:20.2/2

+ sign 12.059+/-0.818 χ^2/NDF: 332.0/21

All: 10.737+/-0.591 χ^2/NDF: 684.3/43

- sign 9.293+/-0.855 χ^2/NDF: 346.8/21

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -164.138+/-2.441 χ^2/NDF:1185.9/4

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

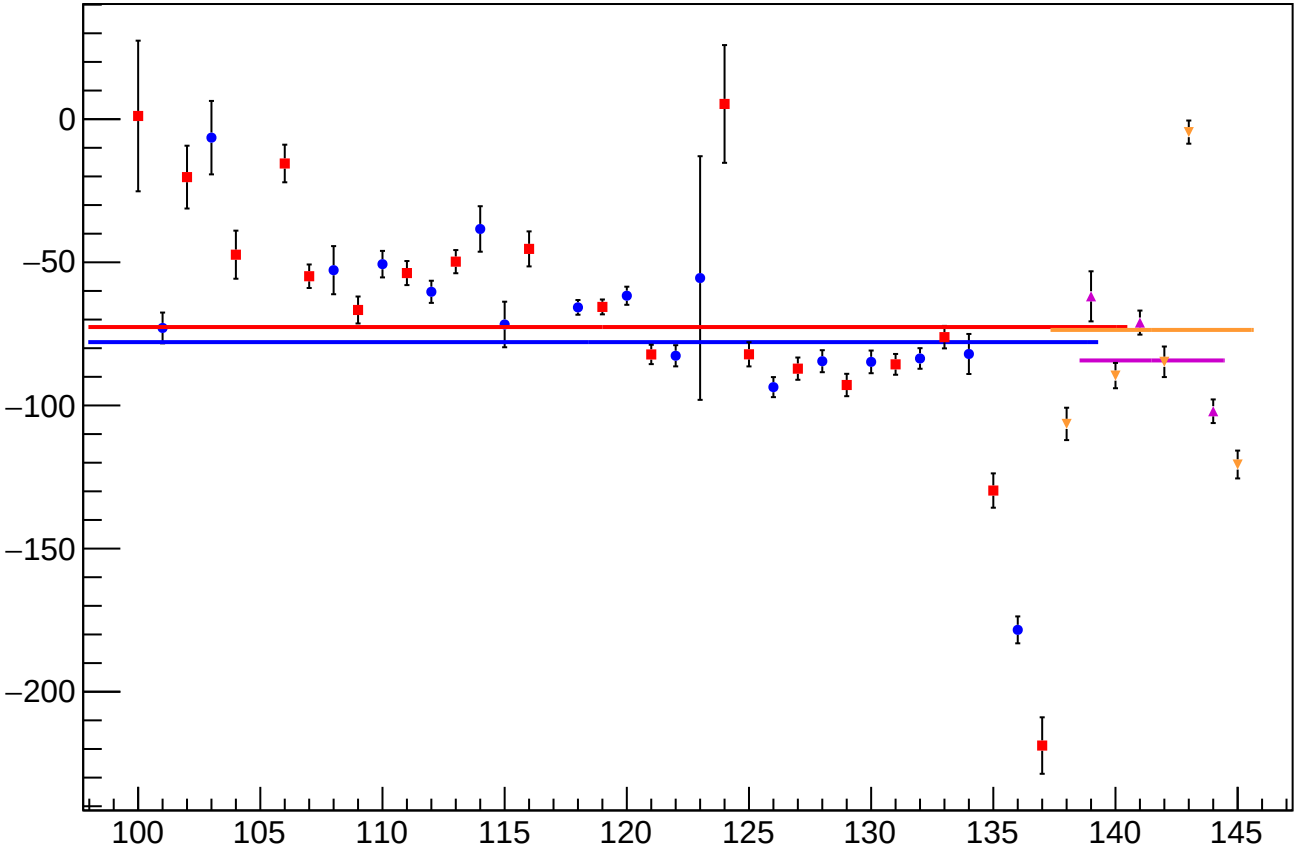
Left In: -227.669+/-3.054 χ^2/NDF:12.5/2

+ sign -188.461+/-1.438 χ^2/NDF: 1961.4/21

All: -191.943+/-1.033 χ^2/NDF: 3879.2/43

- sign -195.658+/-1.485 χ^2/NDF: 1905.7/21

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -73.615+/-2.127 χ^2/NDF:436.3/4

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

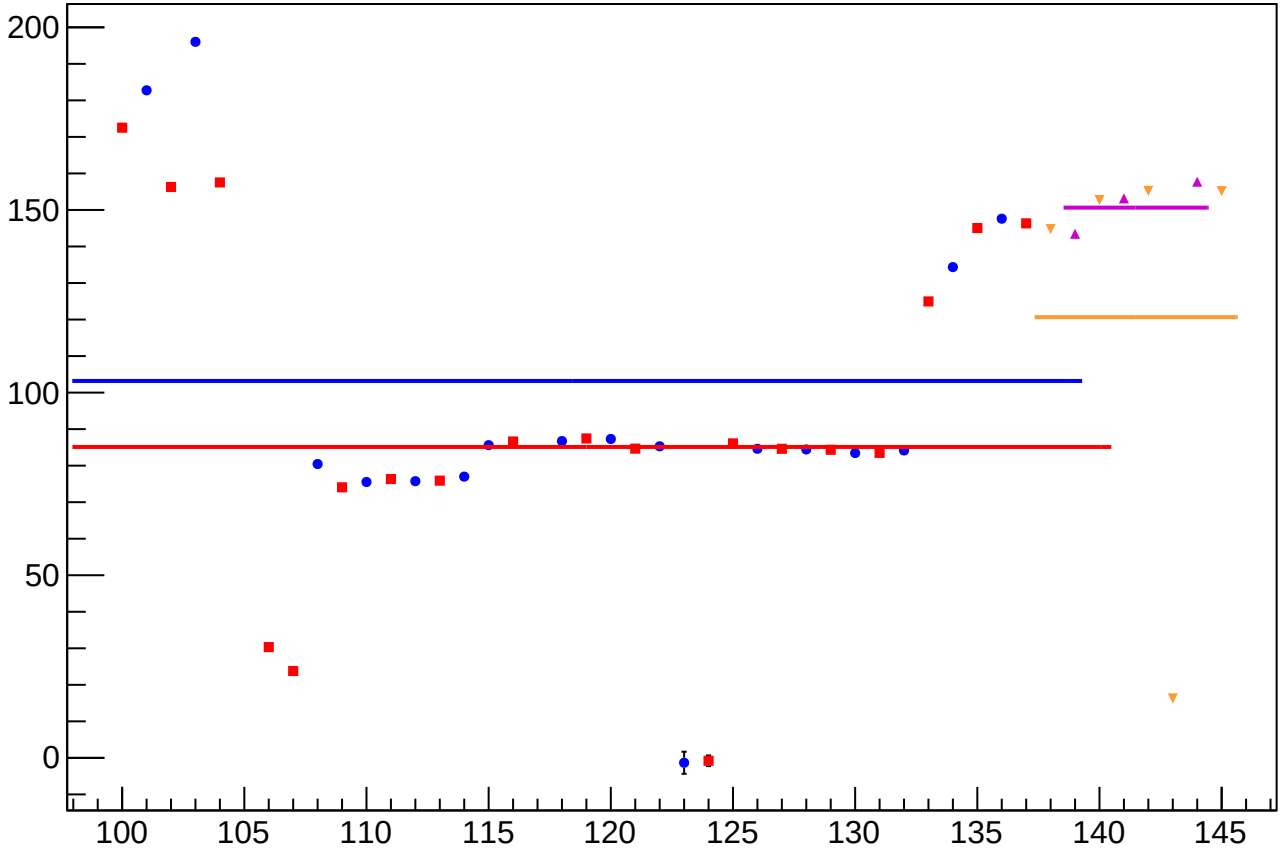
Left In: -84.279+/-2.791 χ^2/NDF:34.9/2

+ sign -77.022+/-0.953 χ^2/NDF: 1097.7/21

All: -75.595+/-0.685 χ^2/NDF: 1759.5/43

- sign -74.068+/-0.986 χ^2/NDF: 657.1/21

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 120.664+/-0.099 χ^2/NDF:327978.4/4

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

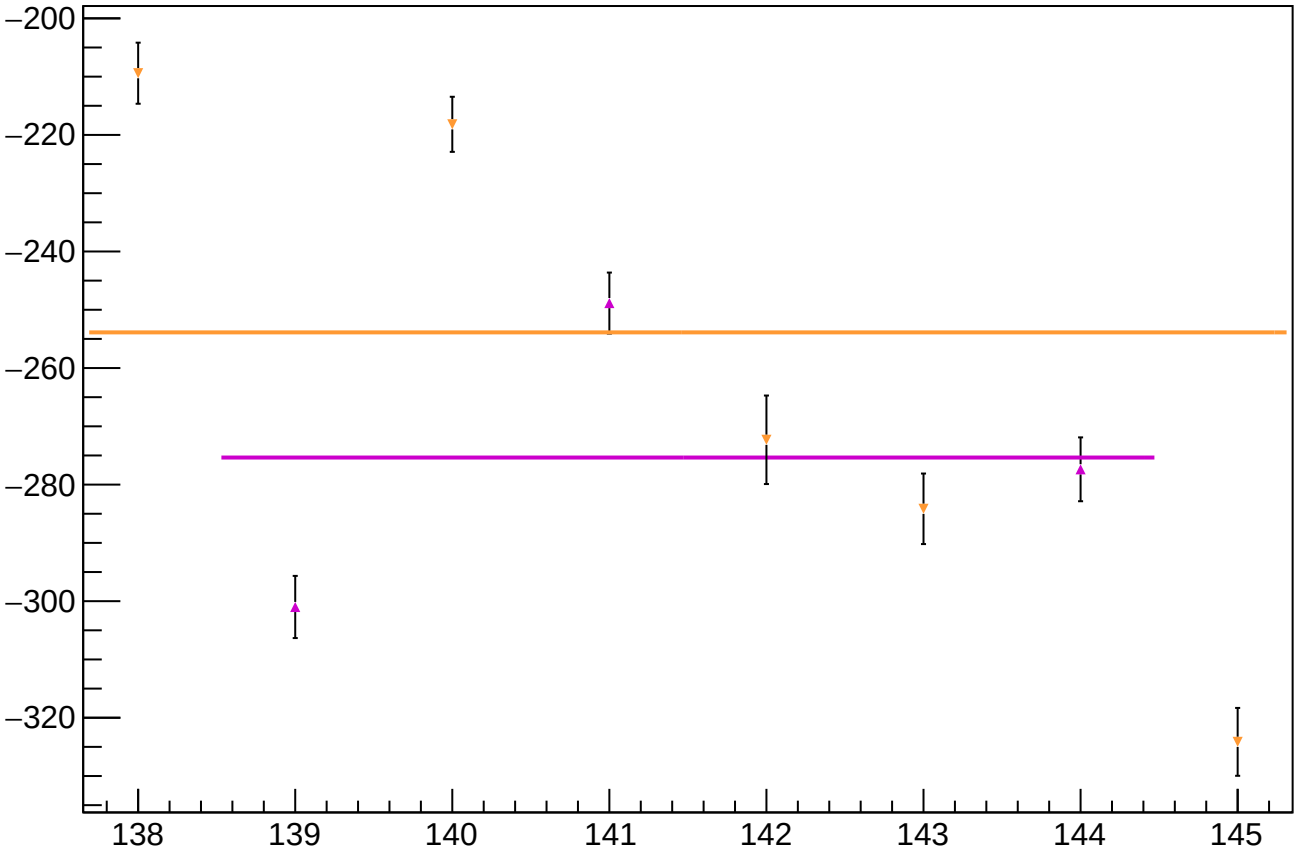
Left In: 150.640+/-0.121 χ^2/NDF:2497.1/2

+ sign 109.028+/-0.057 χ^2/NDF: 622194.8/21

All: 104.135+/-0.040 χ^2/NDF: 1293187.7/43

- sign 99.420+/-0.056 χ^2/NDF: 656724.4/21

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -253.880+/-2.537 χ^2/NDF:305.6/4

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

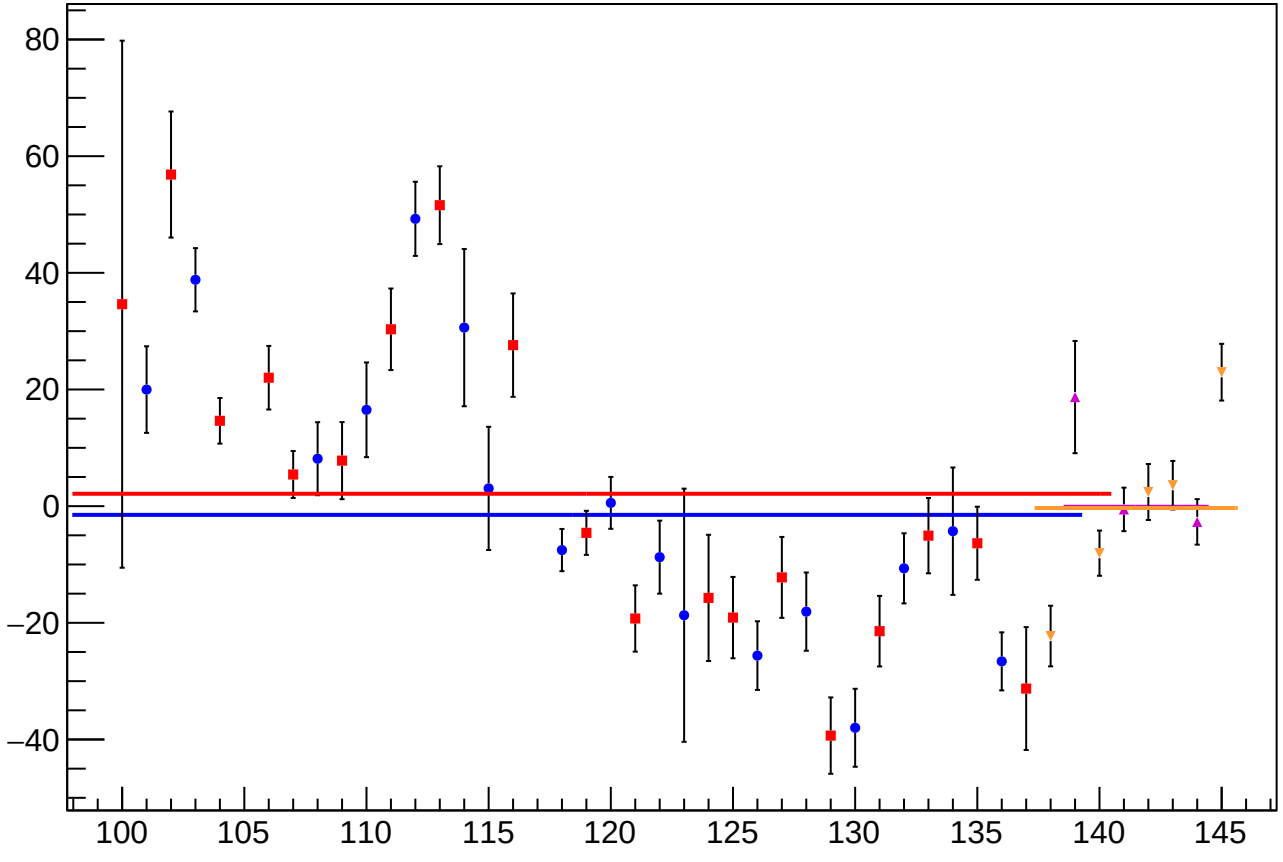
Left In: -275.355+/-3.086 χ^2/NDF:48.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -262.542+/-1.960 χ^2/NDF: 383.4/7

- 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: -0.320+/-2.011 χ^2/NDF:46.0/4

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

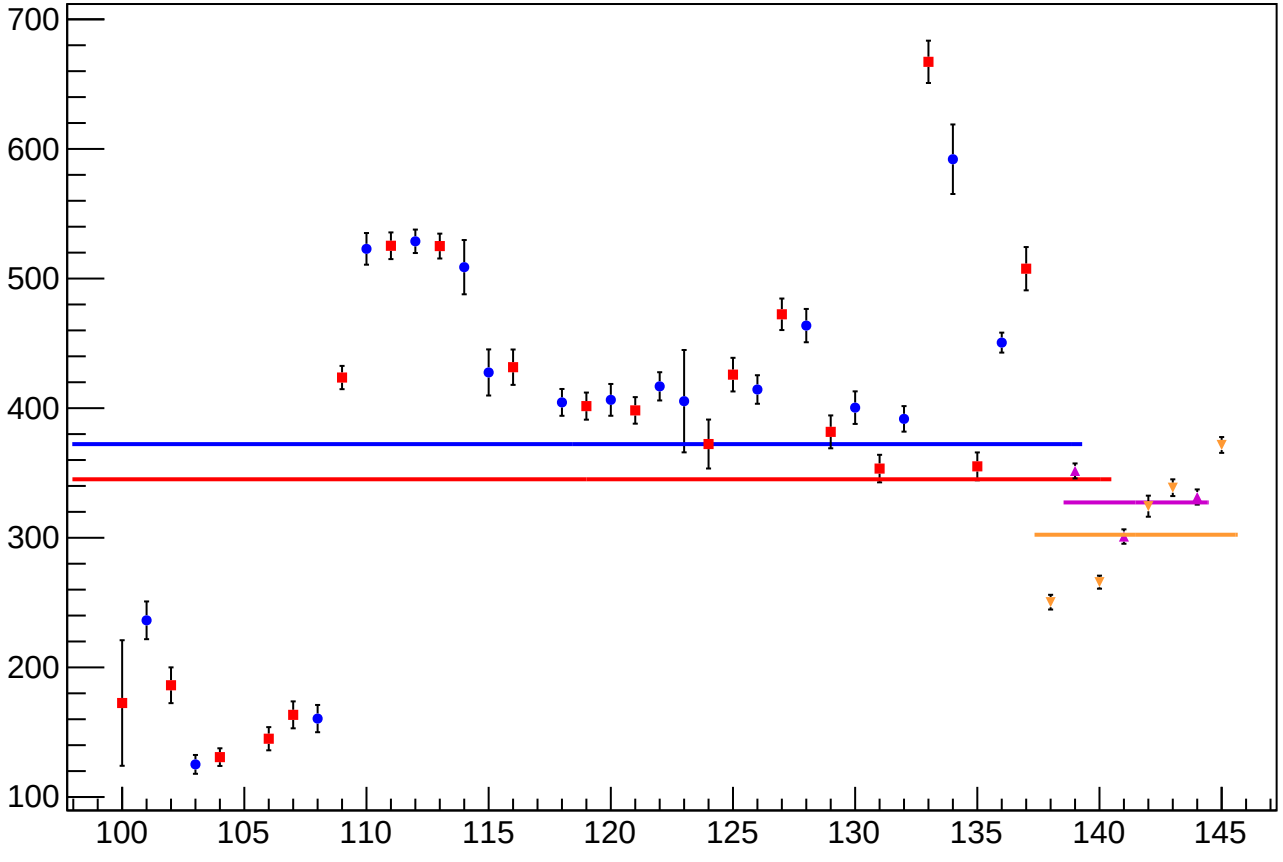
Left In: -0.104+/-2.596 χ^2/NDF:4.3/2

+ sign -1.068+/-1.209 χ^2/NDF: 272.3/21

All: 0.250+/-0.864 χ^2/NDF: 512.2/43

- sign 1.623+/-1.234 χ^2/NDF: 237.5/21

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 302.358+/-2.708 χ^2/NDF:304.3/4

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

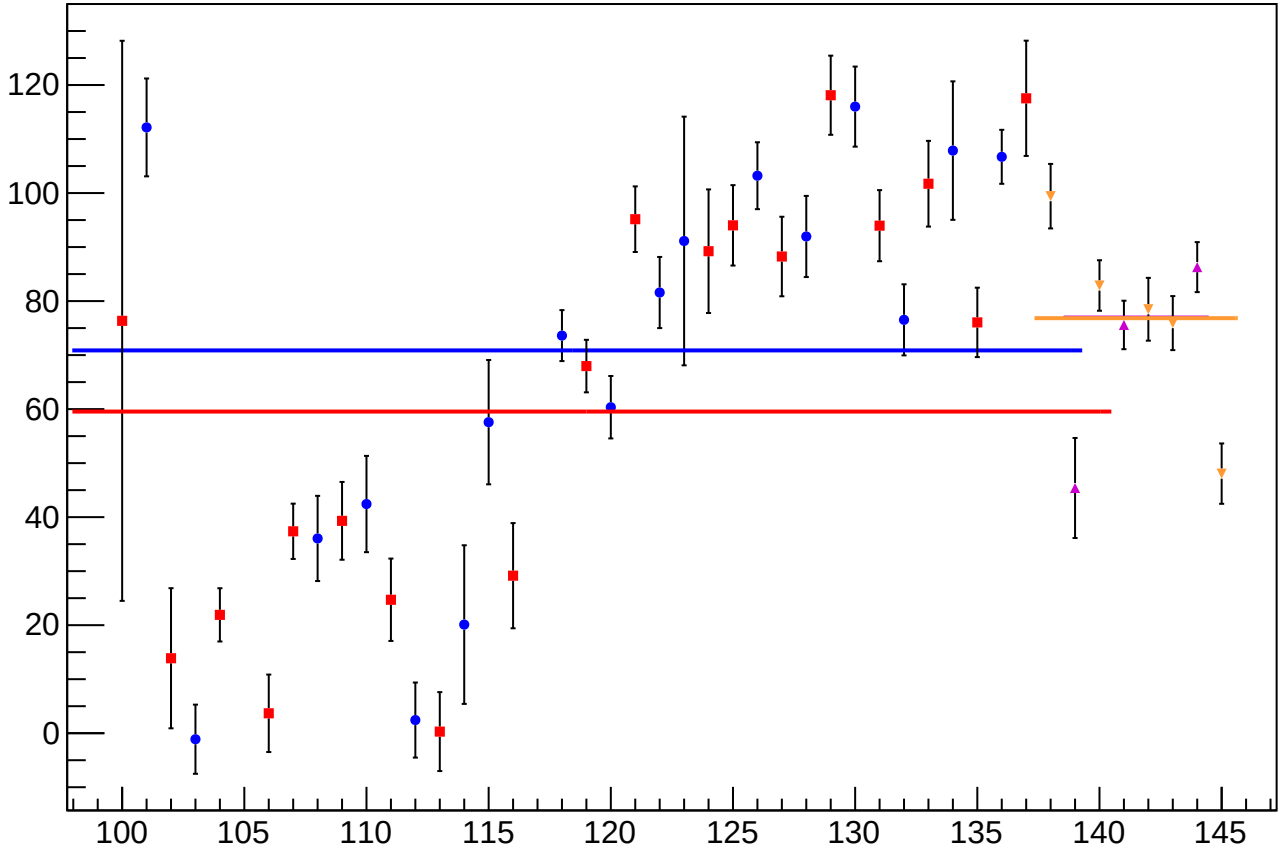
Left In: 327.271+/-3.307 χ^2/NDF:40.6/2

+ sign 336.647+/-1.933 χ^2/NDF: 3064.4/21

All: 337.499+/-1.398 χ^2/NDF: 6540.1/43

- sign 338.434+/-2.025 χ^2/NDF: 3475.3/21

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 76.836+/-2.388 χ^2/NDF:42.6/4

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

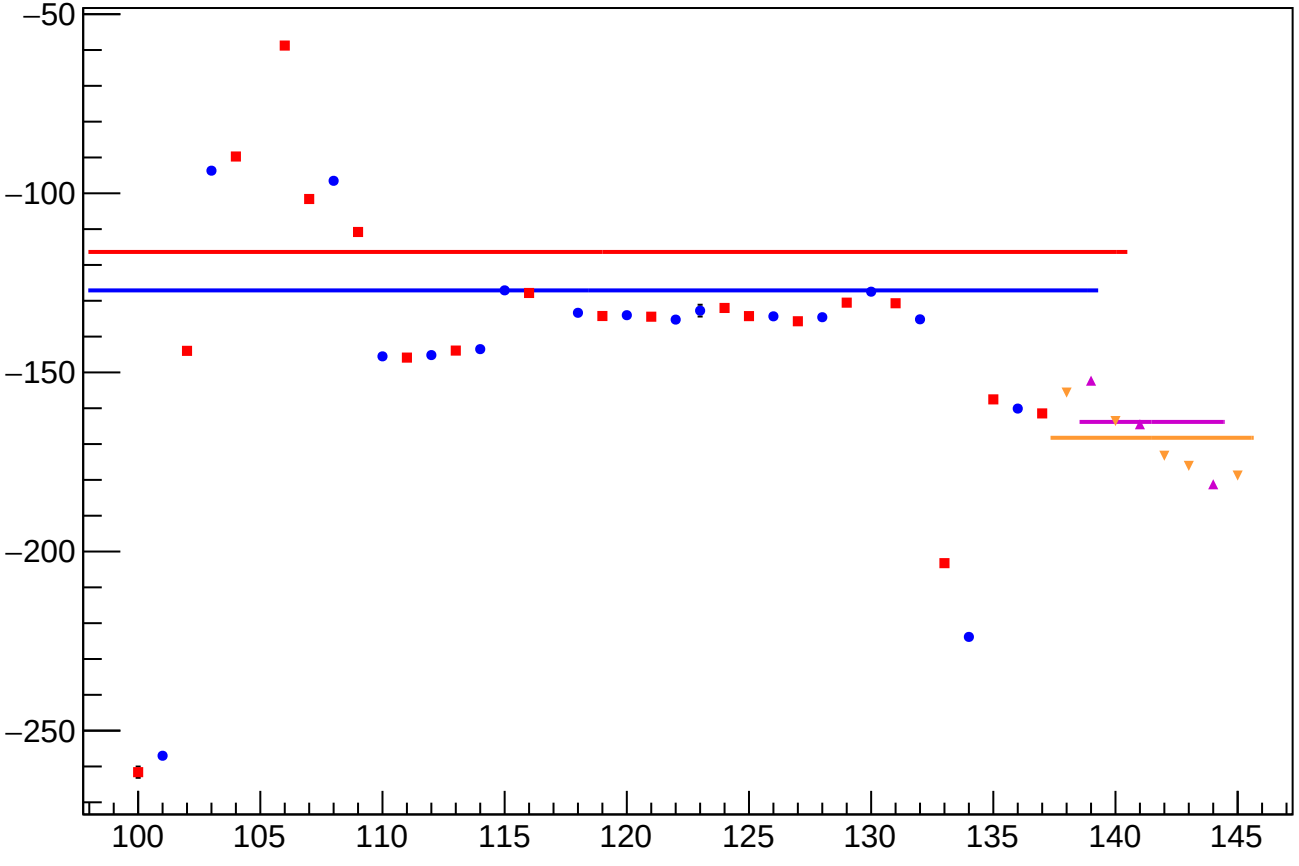
Left In: 76.951+/-3.043 χ^2/NDF:15.8/2

+ sign 72.942+/-1.408 χ^2/NDF: 473.7/21

All: 68.294+/-1.006 χ^2/NDF: 1028.0/43

- sign 63.437+/-1.439 χ^2/NDF: 532.0/21

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -168.246+/-0.111 χ^2/NDF:6637.7/4

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

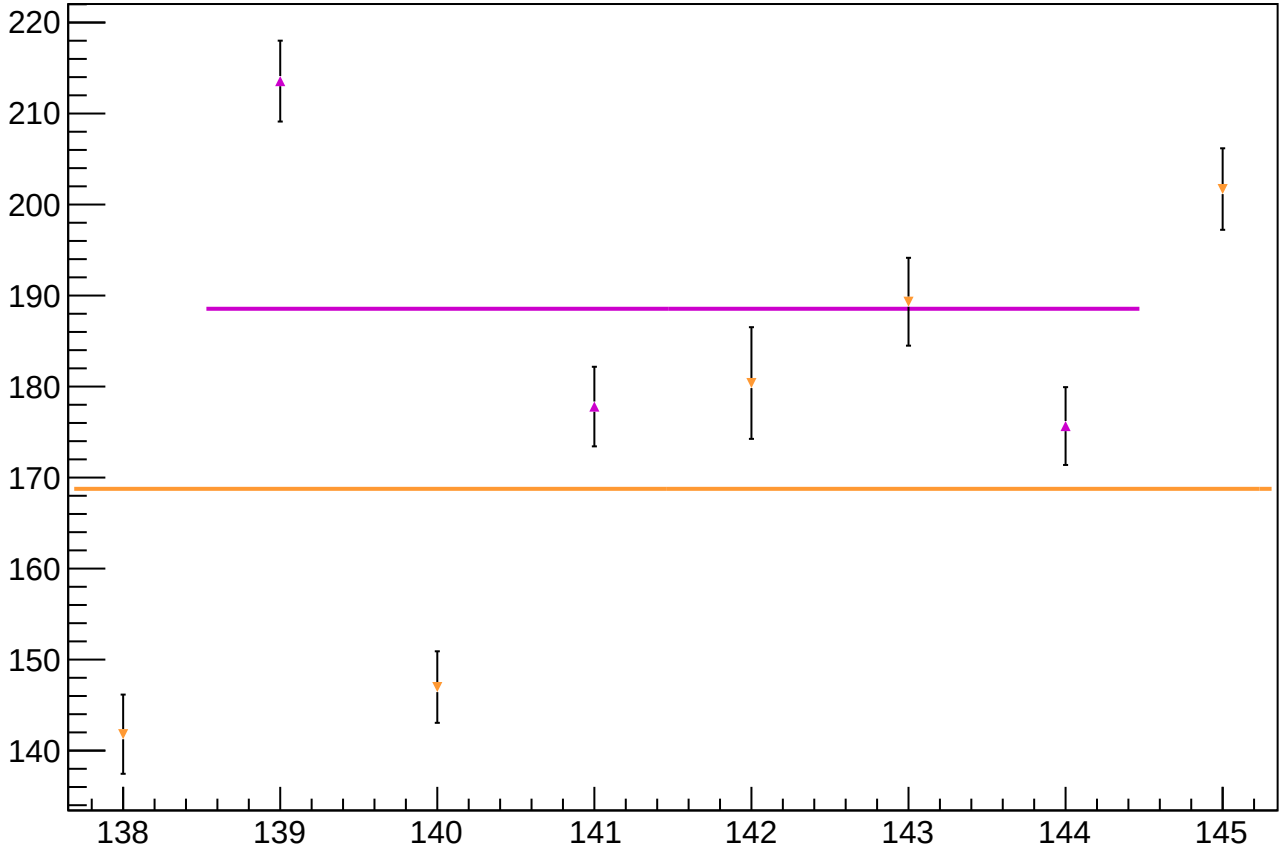
Left In: -163.816+/-0.130 χ^2/NDF:7814.2/2

+ sign -143.359+/-0.070 χ^2/NDF: 257311.0/21

All: -136.748+/-0.049 χ^2/NDF: 545390.1/43

- sign -130.065+/-0.070 χ^2/NDF: 269915.7/21

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 168.763+/-2.055 χ^2/NDF:144.9/4

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

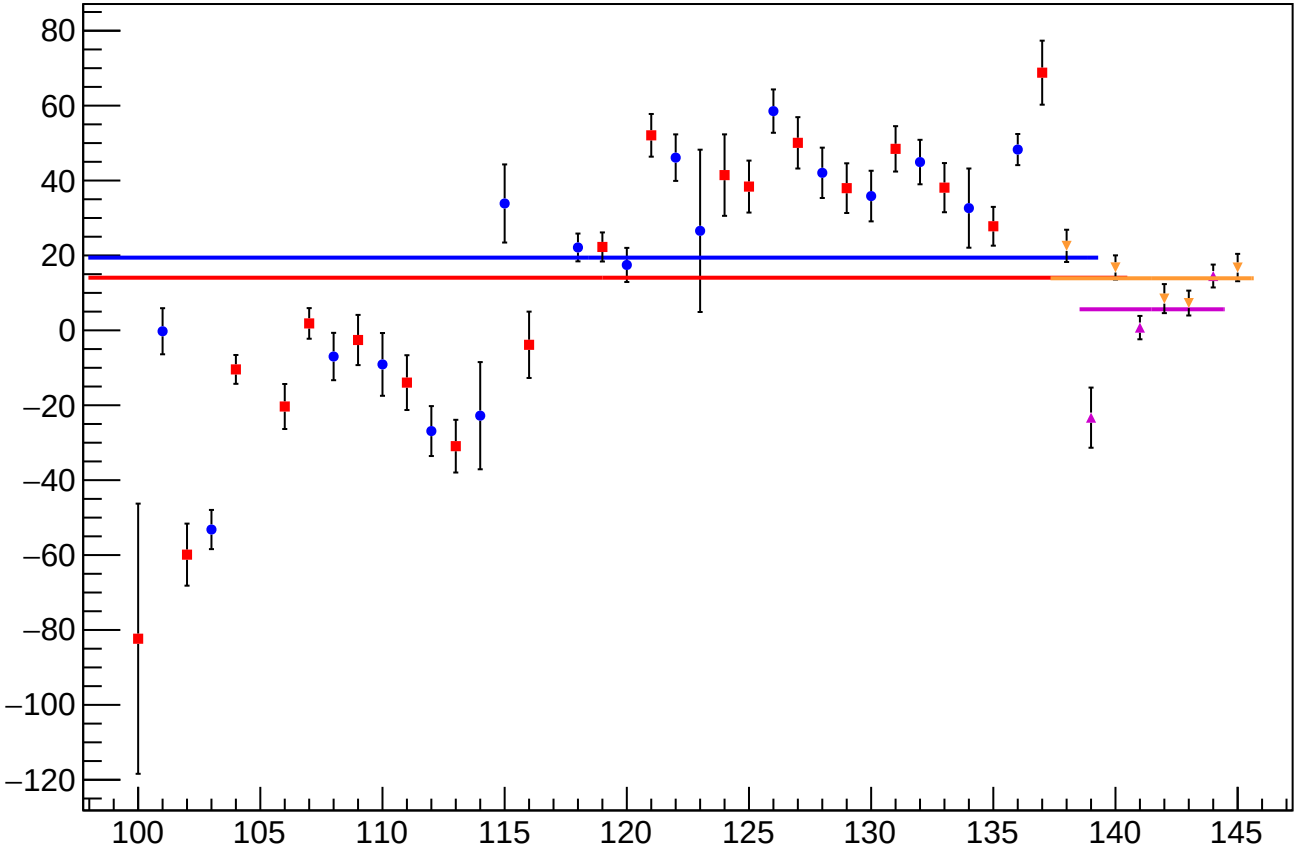
Left In: 188.547+/-2.518 χ^2/NDF:46.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 176.669+/-1.592 χ^2/NDF: 228.8/7

- 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: 13.901+/-1.617 χ^2/NDF:11.4/4

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

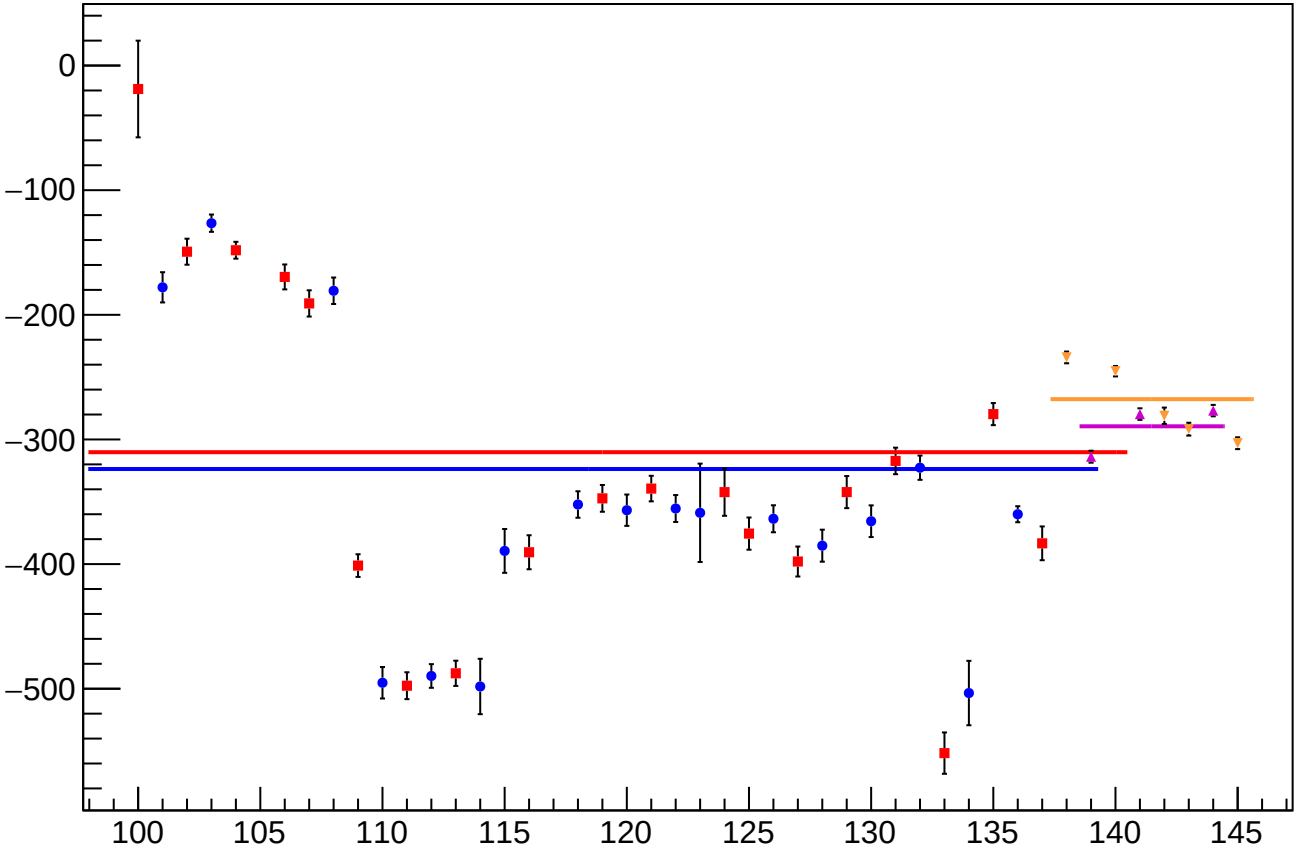
Left In: 5.622+/-2.106 χ^2/NDF:23.9/2

+ sign 16.903+/-1.092 χ^2/NDF: 458.8/21

All: 14.364+/-0.795 χ^2/NDF: 941.9/43

- sign 11.490+/-1.161 χ^2/NDF: 471.6/21

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -267.663+/-2.196 χ^2/NDF:160.5/4

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

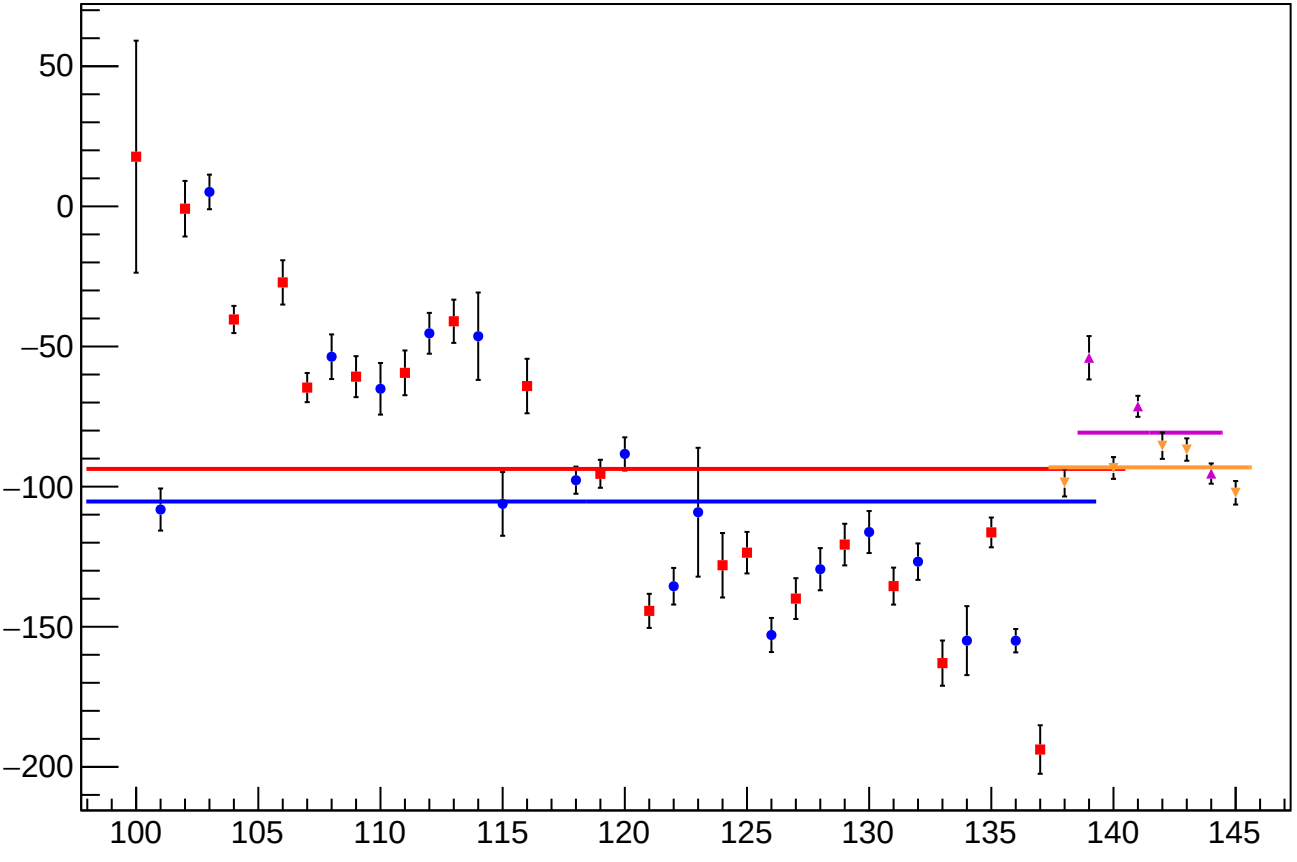
Left In: -289.453+/-2.699 χ^2/NDF:37.7/2

+ sign -290.307+/-1.696 χ^2/NDF: 2274.4/21

All: -294.997+/-1.248 χ^2/NDF: 4660.4/43

- sign -300.539+/-1.843 χ^2/NDF: 2369.3/21

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -93.125+/-1.919 χ^2/NDF:11.1/4

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

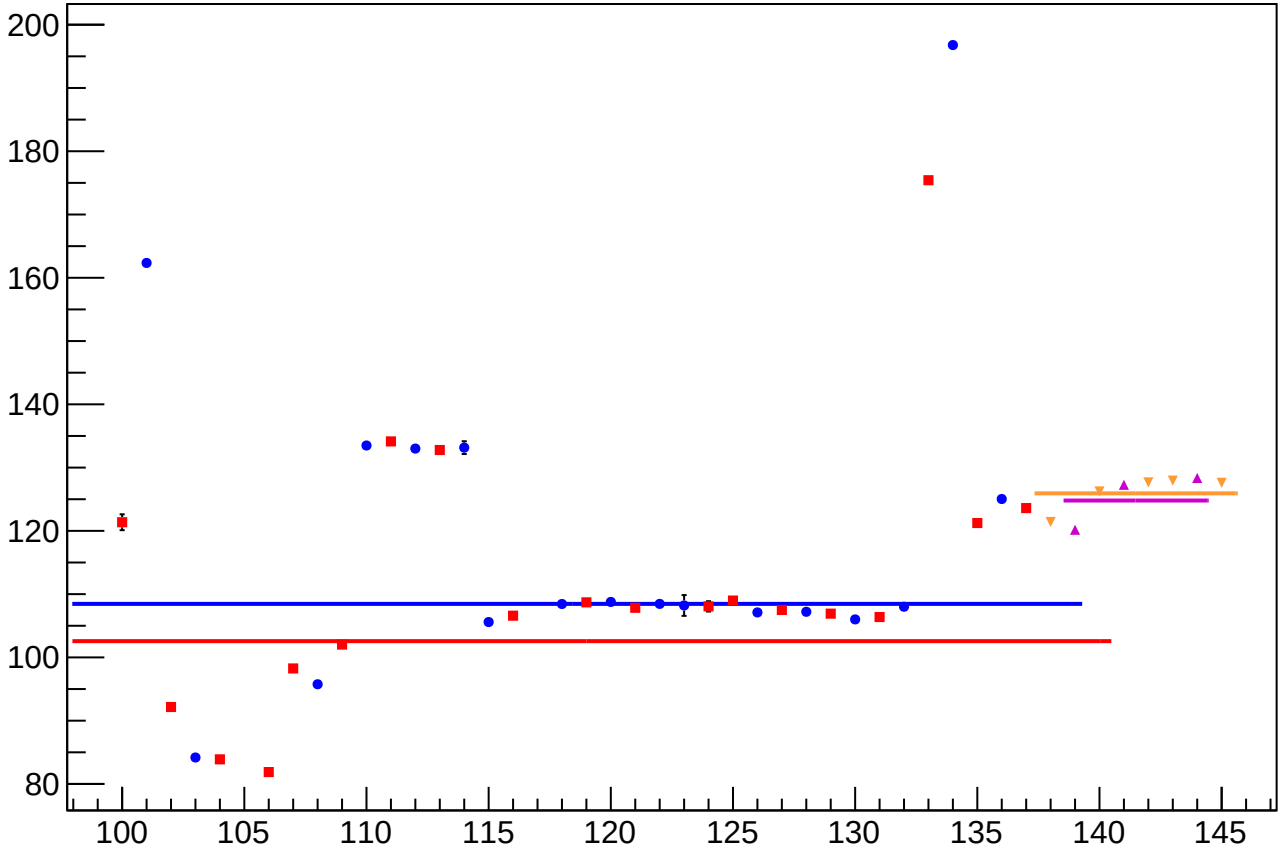
Left In: -80.740+/-2.469 χ^2/NDF:34.5/2

+ sign -99.974+/-1.270 χ^2/NDF: 771.3/21

All: -95.203+/-0.925 χ^2/NDF: 1681.6/43

- sign -89.814+/-1.349 χ^2/NDF: 880.3/21

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 125.927+/-0.090 χ^2/NDF:804.1/4

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

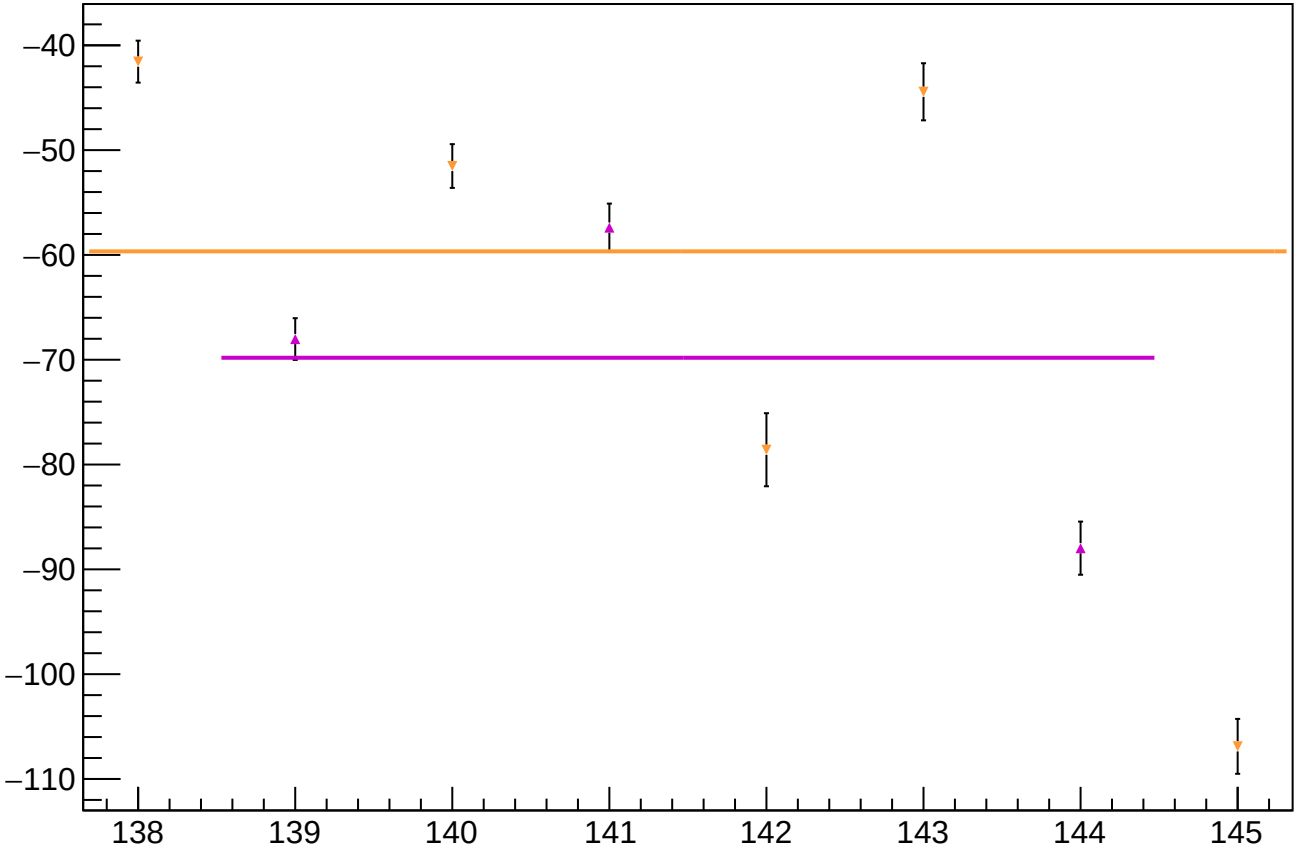
Left In: 124.794+/-0.107 χ^2/NDF:1232.6/2

+ sign 116.711+/-0.062 χ^2/NDF: 94185.1/21

All: 113.715+/-0.044 χ^2/NDF: 181398.1/43

- sign 110.503+/-0.064 χ^2/NDF: 82301.2/21

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -59.659+/-1.090 χ^2/NDF:483.0/4

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

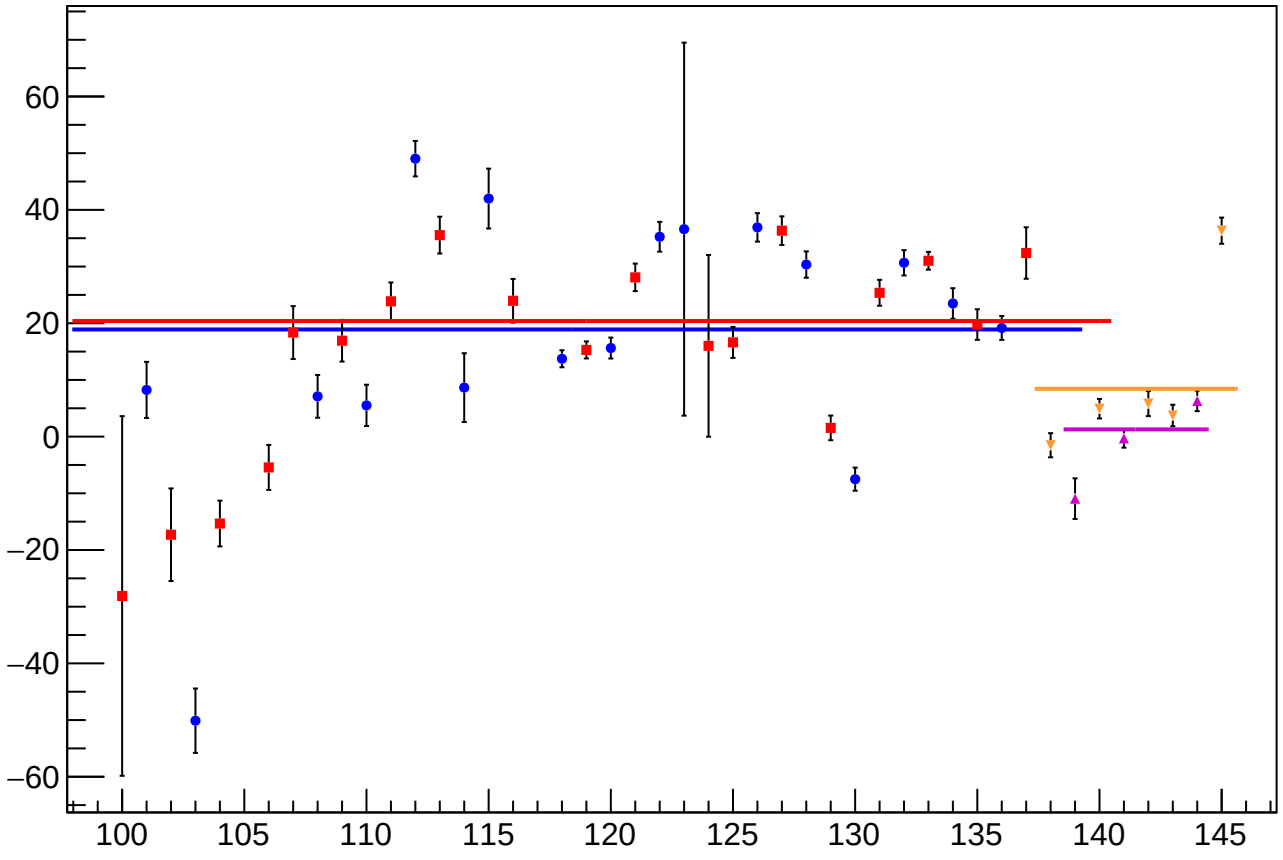
Left In: -69.811+/-1.292 χ^2/NDF:81.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -63.879+/-0.833 χ^2/NDF: 600.7/7

- 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: 8.436+/-0.902 χ^2/NDF:179.3/4

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

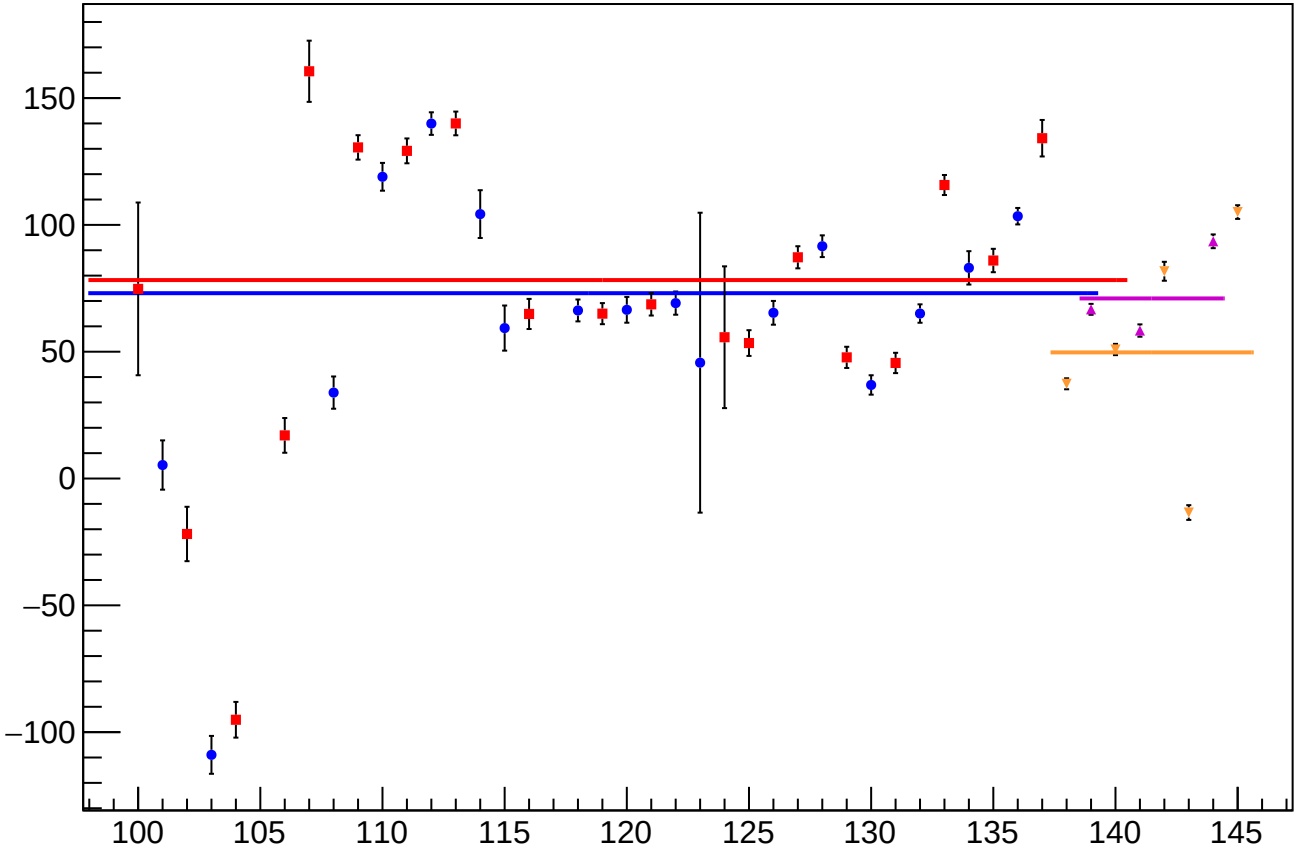
Left In: 1.275+/-1.149 χ^2/NDF:20.3/2

+ sign 15.376+/-0.524 χ^2/NDF: 887.5/21

All: 15.585+/-0.383 χ^2/NDF: 1483.9/43

- sign 15.826+/-0.562 χ^2/NDF: 596.0/21

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 49.732+/-1.161 χ^2/NDF:996.6/4

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

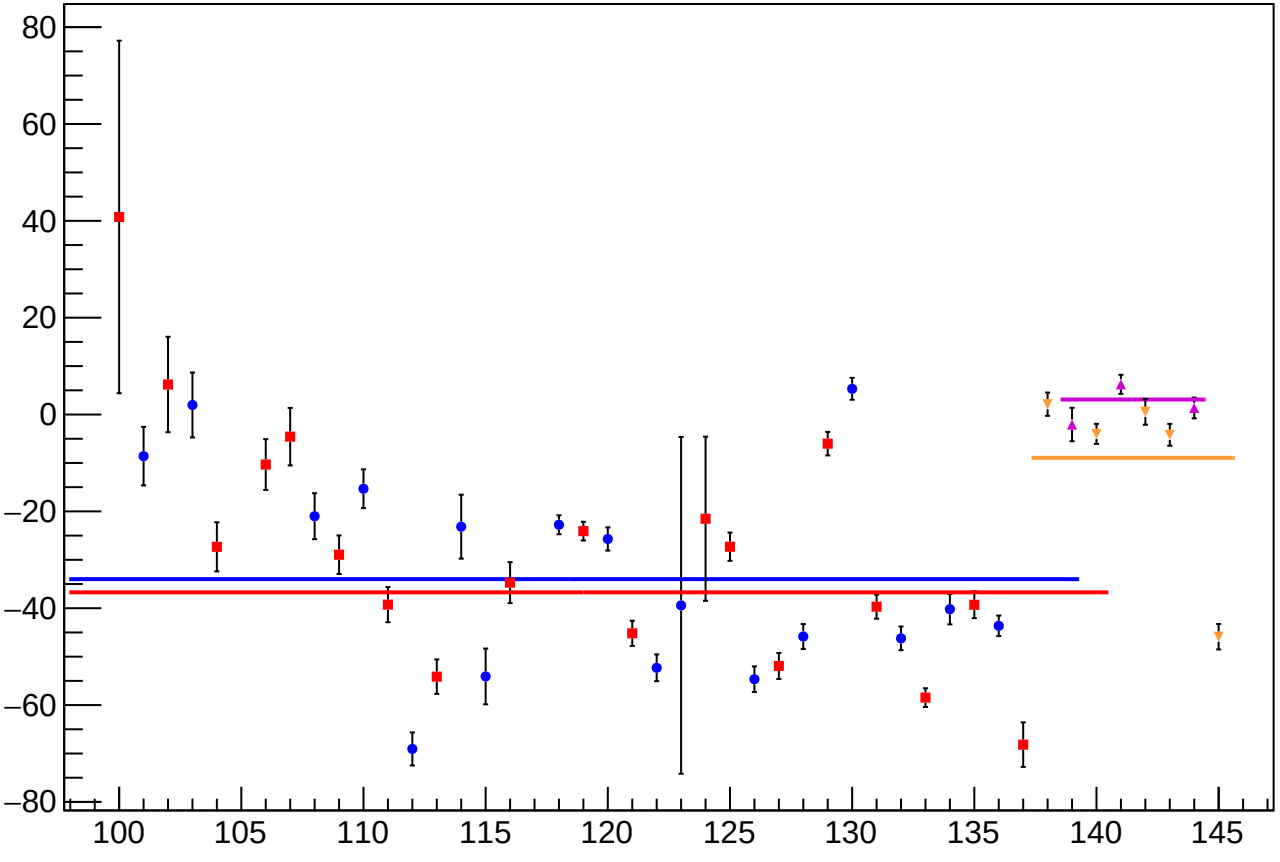
Left In: 71.003+/-1.386 χ^2/NDF:100.1/2

+ sign 60.751+/-0.844 χ^2/NDF: 2387.3/21

All: 67.318+/-0.621 χ^2/NDF: 4177.6/43

- sign 75.074+/-0.917 χ^2/NDF: 1658.1/21

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -8.941+/-1.062 χ^2/NDF:241.2/4

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

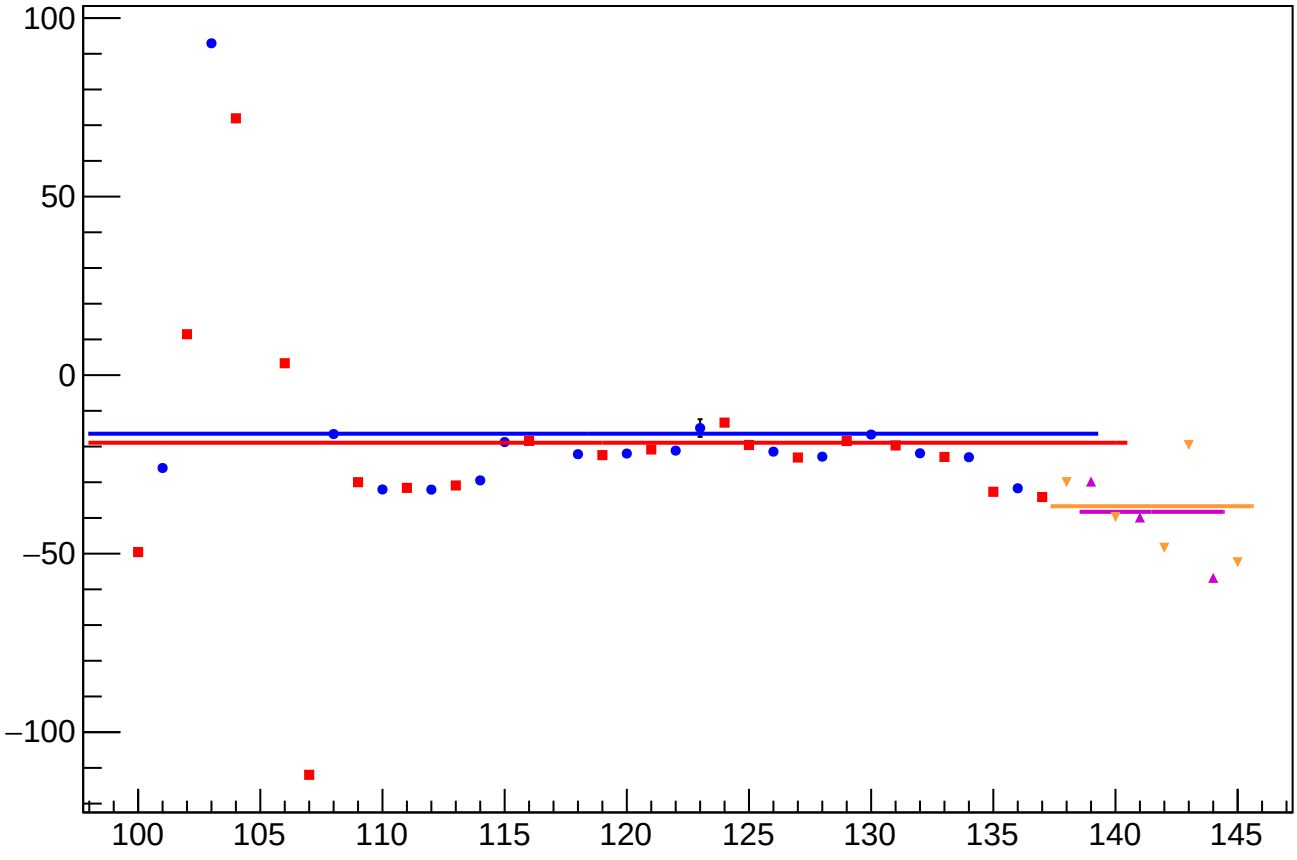
Left In: 3.100+/-1.335 χ^2/NDF:5.4/2

+ sign -25.857+/-0.605 χ^2/NDF: 1336.9/21

All: -26.592+/-0.441 χ^2/NDF: 2570.0/43

- sign -27.427+/-0.645 χ^2/NDF: 1229.9/21

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -36.716+/-0.047 χ^2/NDF:56603.7/4

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

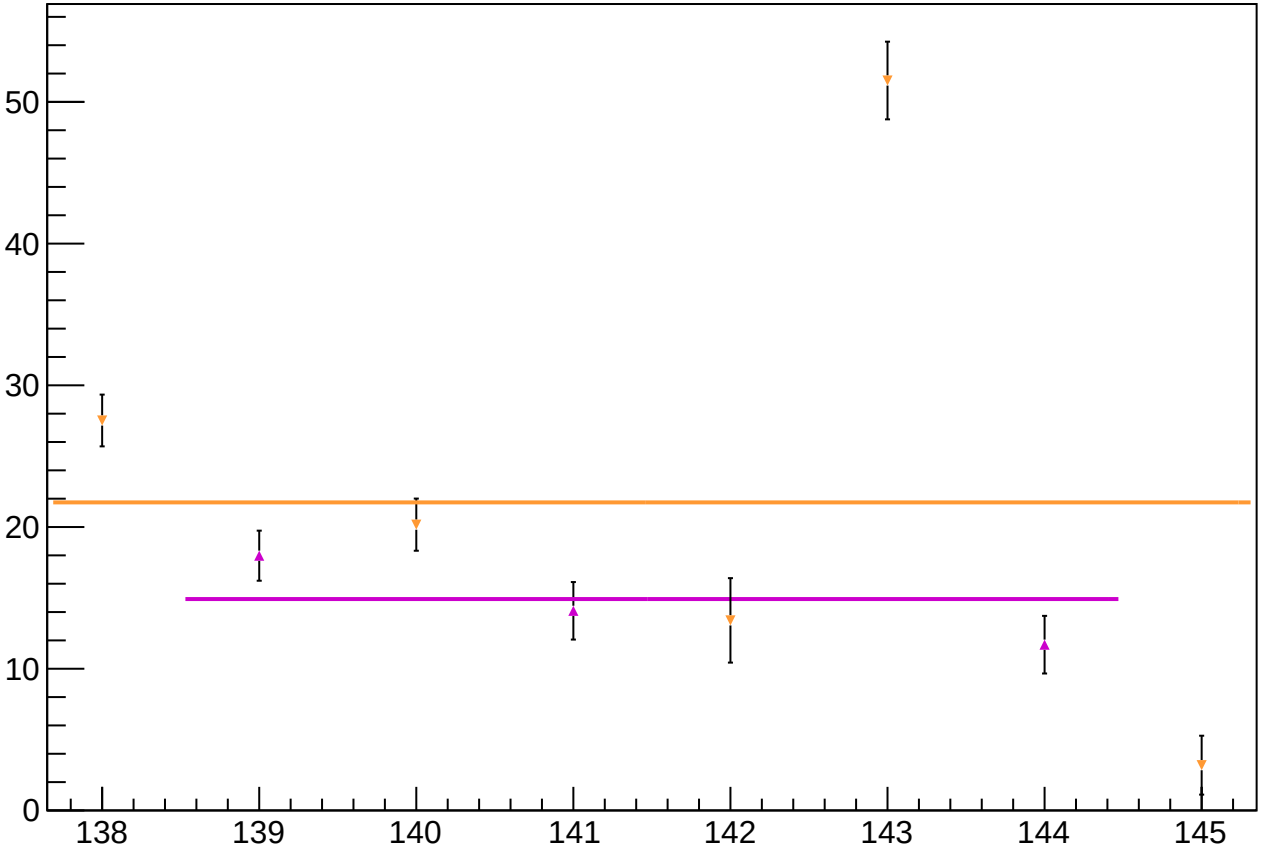
Left In: -38.285+/-0.054 χ^2/NDF:36906.7/2

+ sign -25.985+/-0.032 χ^2/NDF: 629539.3/21

All: -26.453+/-0.024 χ^2/NDF: 1177216.5/43

- sign -26.989+/-0.035 χ^2/NDF: 547226.2/21

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 21.739+/-0.966 χ^2/NDF:216.1/4

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

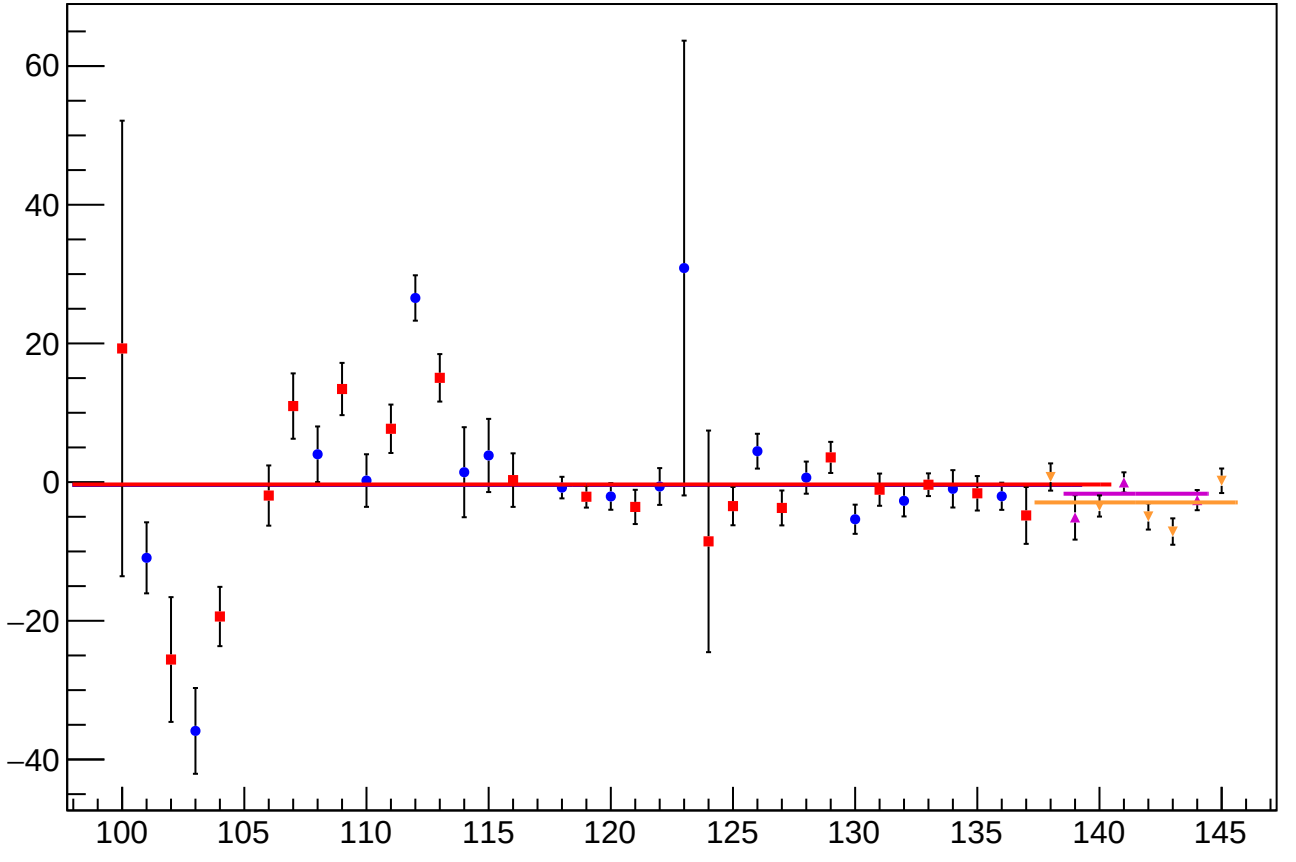
Left In: 14.918+/-1.114 χ^2/NDF:5.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 18.813+/-0.730 χ^2/NDF: 243.1/7

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.414+/-0.653 χ^2/NDF: 119.9/16

Left Out: -2.930+/-0.799 χ^2/NDF:12.7/4

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

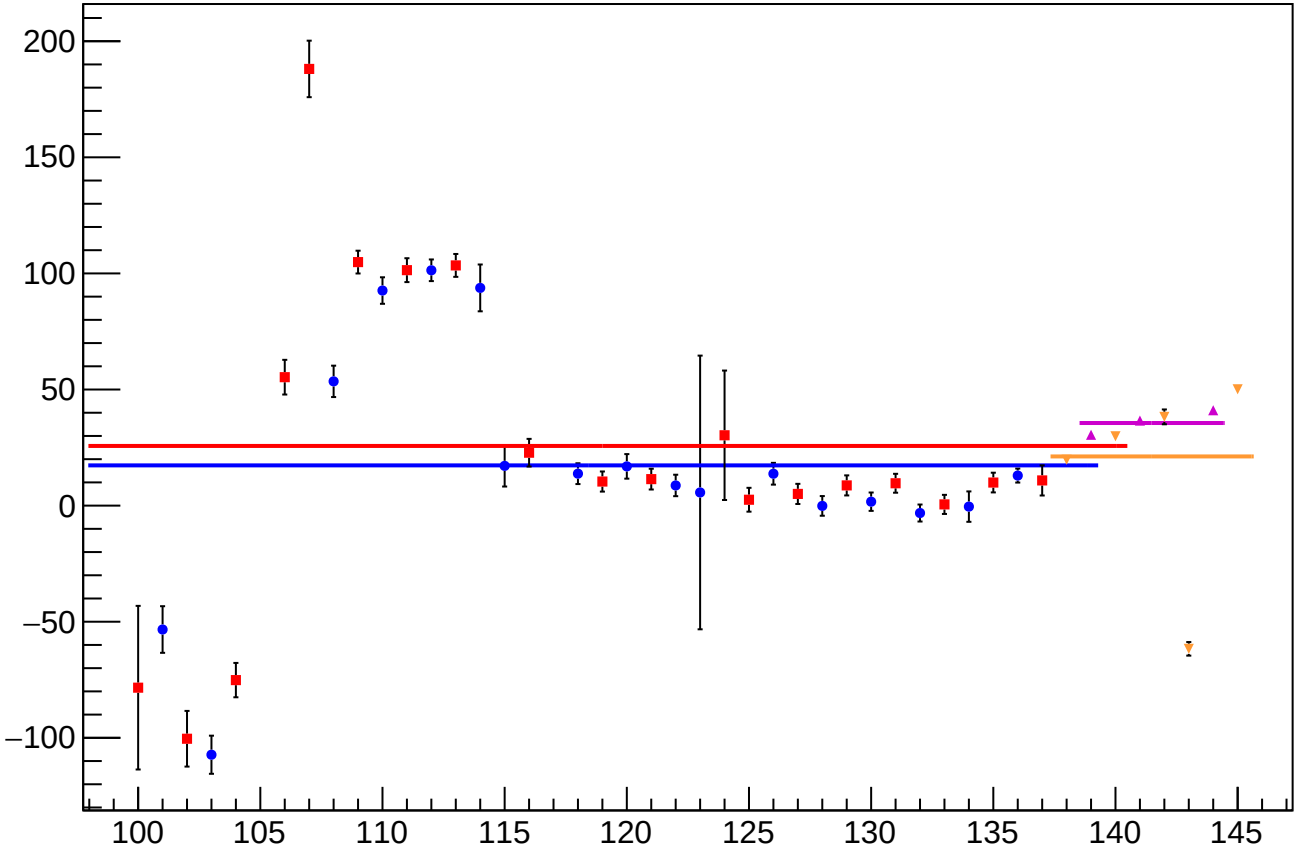
Left In: -1.675+/-0.980 χ^2/NDF:2.8/2

+ sign -1.421+/-0.506 χ^2/NDF: 138.6/21

All: -1.114+/-0.371 χ^2/NDF: 227.2/43

- sign -0.756+/-0.546 χ^2/NDF: 87.8/21

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 21.180+/-1.031 χ^2/NDF:1026.8/4

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

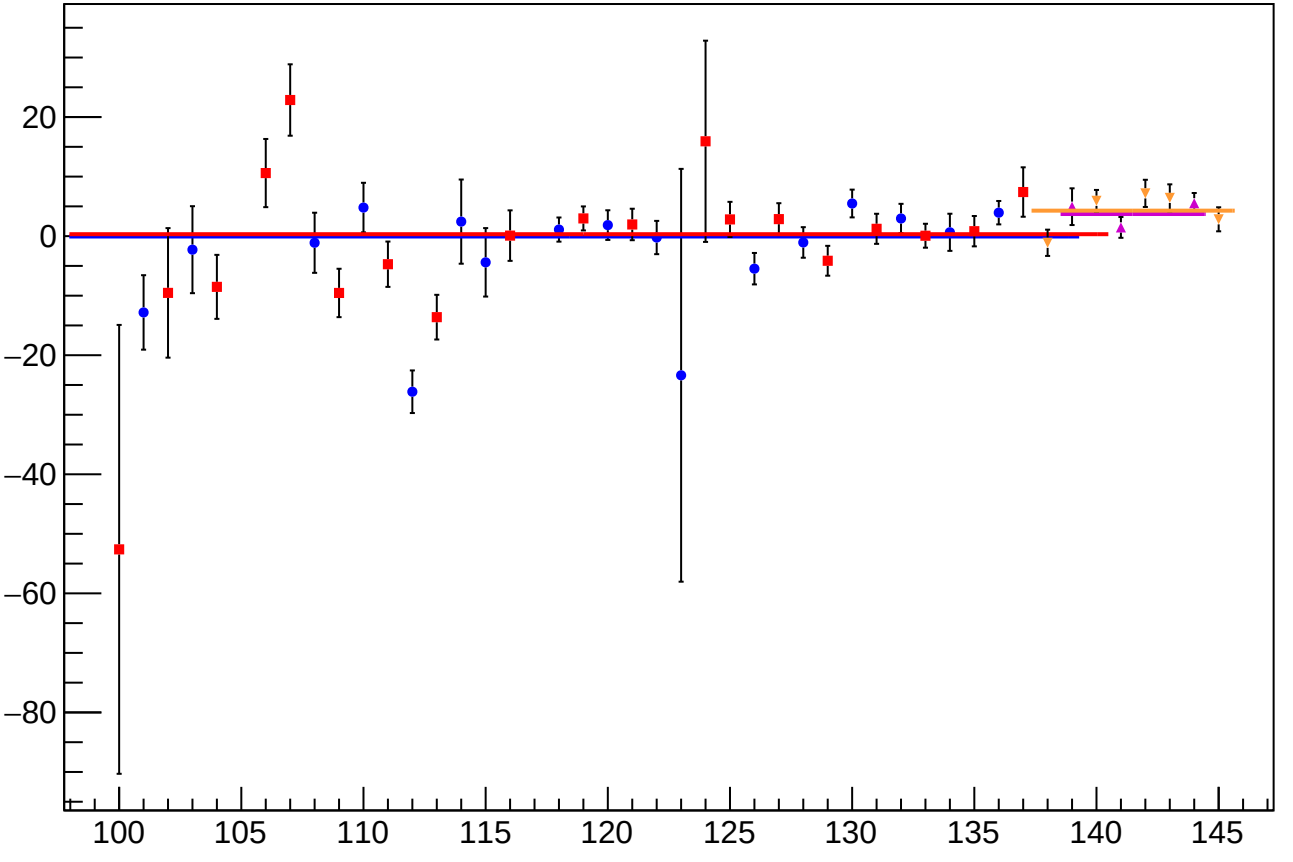
Left In: 35.577+/-1.195 χ^2/NDF:13.6/2

+ sign 19.604+/-0.792 χ^2/NDF: 1975.7/21

All: 24.749+/-0.583 χ^2/NDF: 3493.2/43

- sign 30.831+/-0.862 χ^2/NDF: 1425.5/21

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 4.280+/-0.939 χ^2/NDF:9.8/4

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

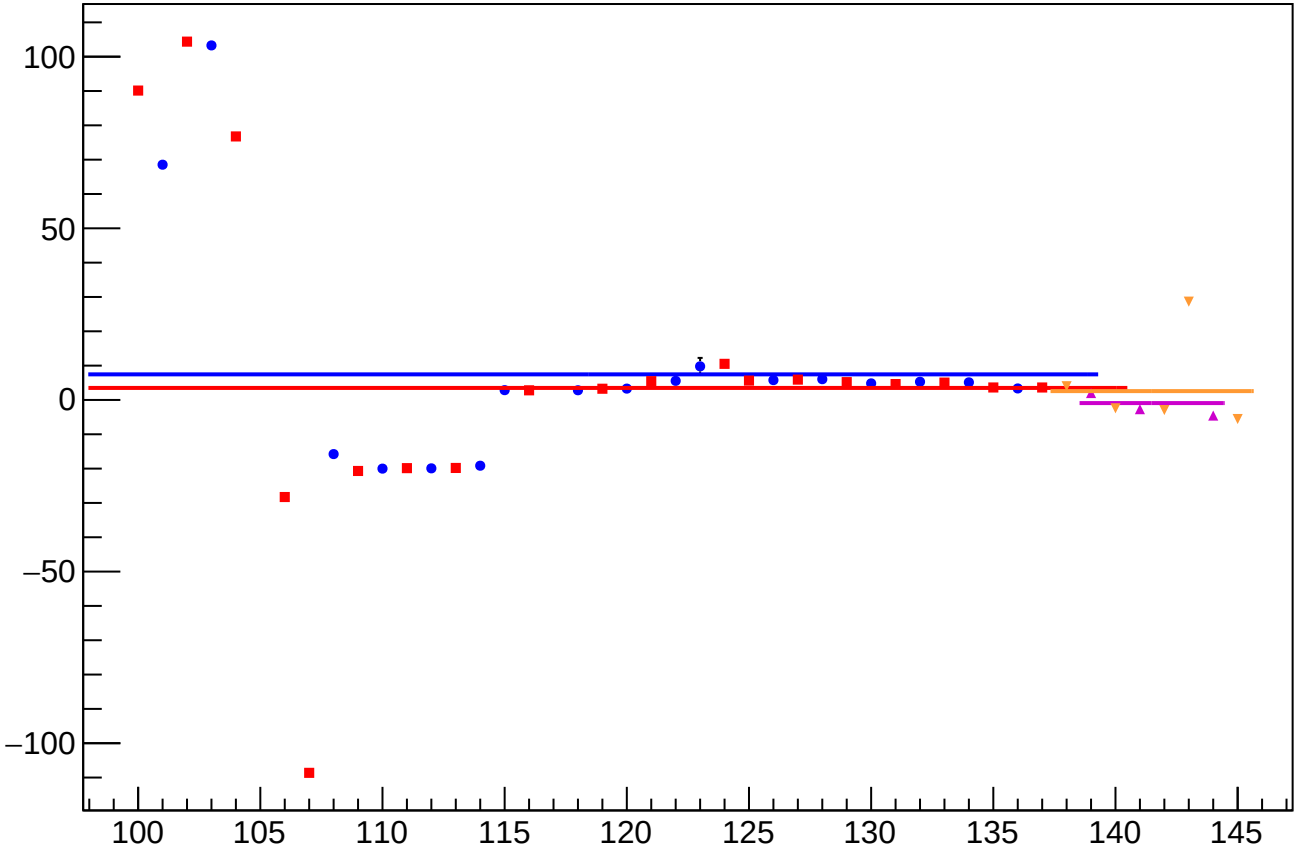
Left In: 3.717+/-1.139 χ^2/NDF:2.9/2

+ sign 1.614+/-0.583 χ^2/NDF: 99.5/21

All: 1.492+/-0.427 χ^2/NDF: 163.8/43

- sign 1.350+/-0.626 χ^2/NDF: 64.2/21

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: 2.574+/-0.042 χ^2/NDF:64223.1/4

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

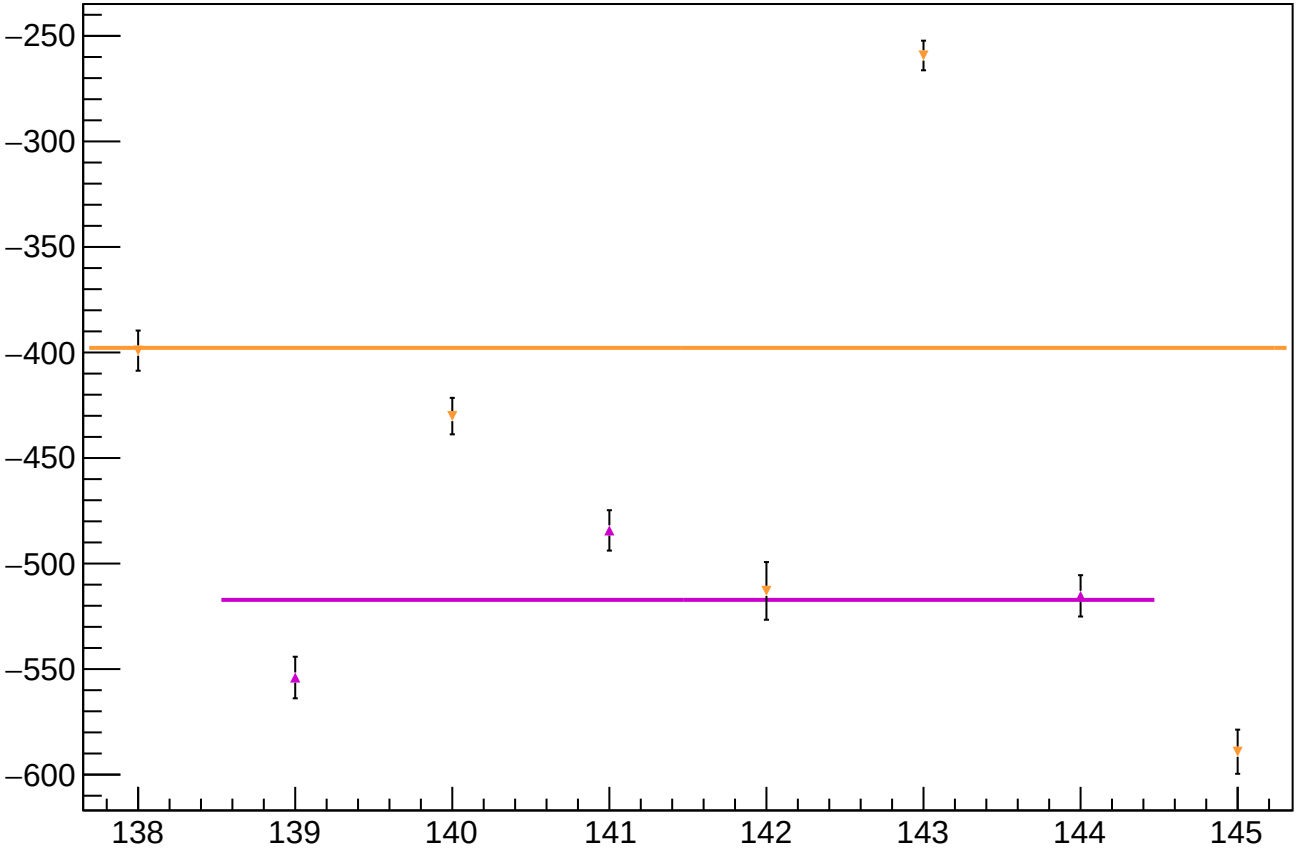
Left In: -0.912+/-0.047 χ^2/NDF:3756.7/2

+ sign 4.854+/-0.030 χ^2/NDF: 426705.8/21

All: 3.220+/-0.022 χ^2/NDF: 951866.6/43

- sign 1.342+/-0.033 χ^2/NDF: 518933.1/21

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -397.810+/-4.109 χ^2/NDF:809.2/4

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

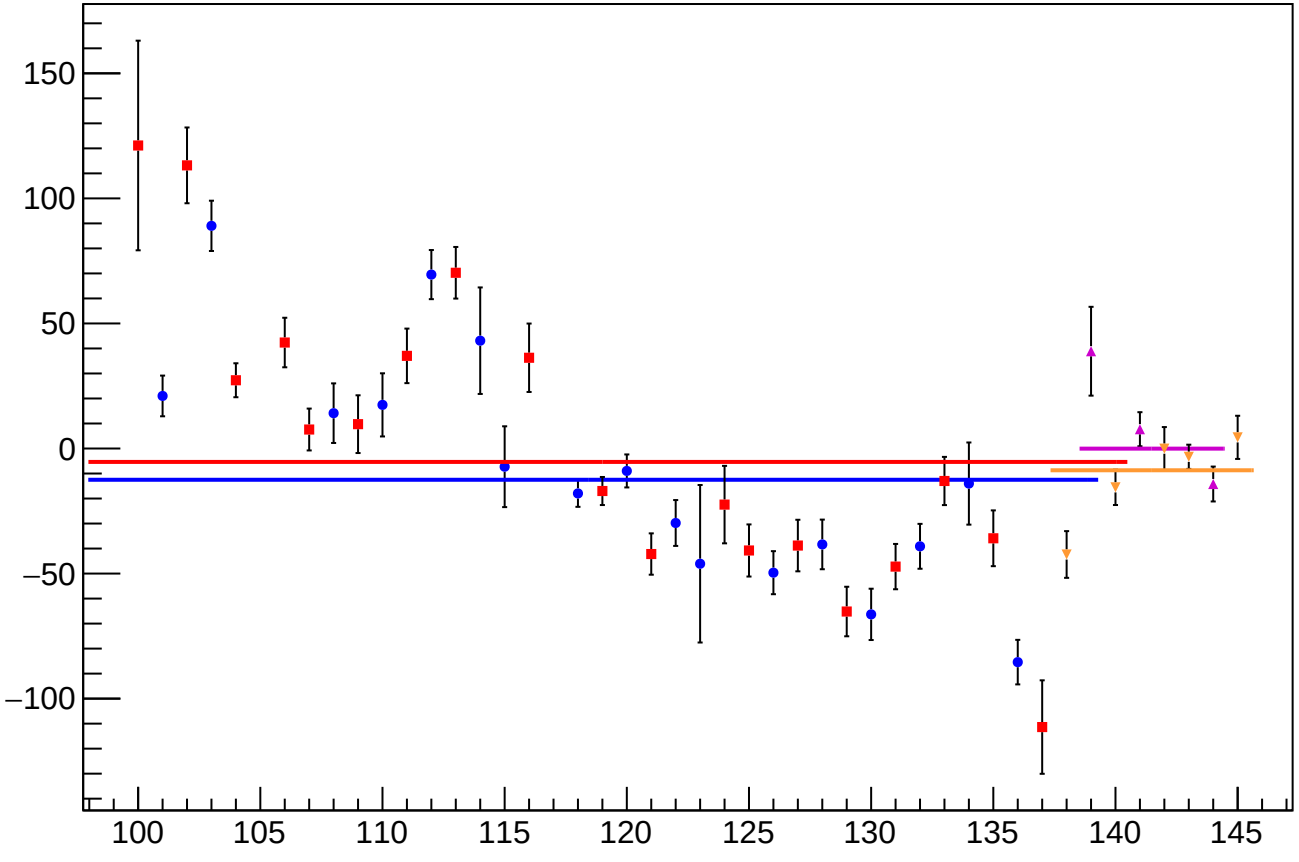
Left In: -517.208+/-5.620 χ^2/NDF:25.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -439.400+/-3.317 χ^2/NDF: 1129.2/7

- 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: -8.703+/-3.147 χ^2/NDF:18.5/4

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

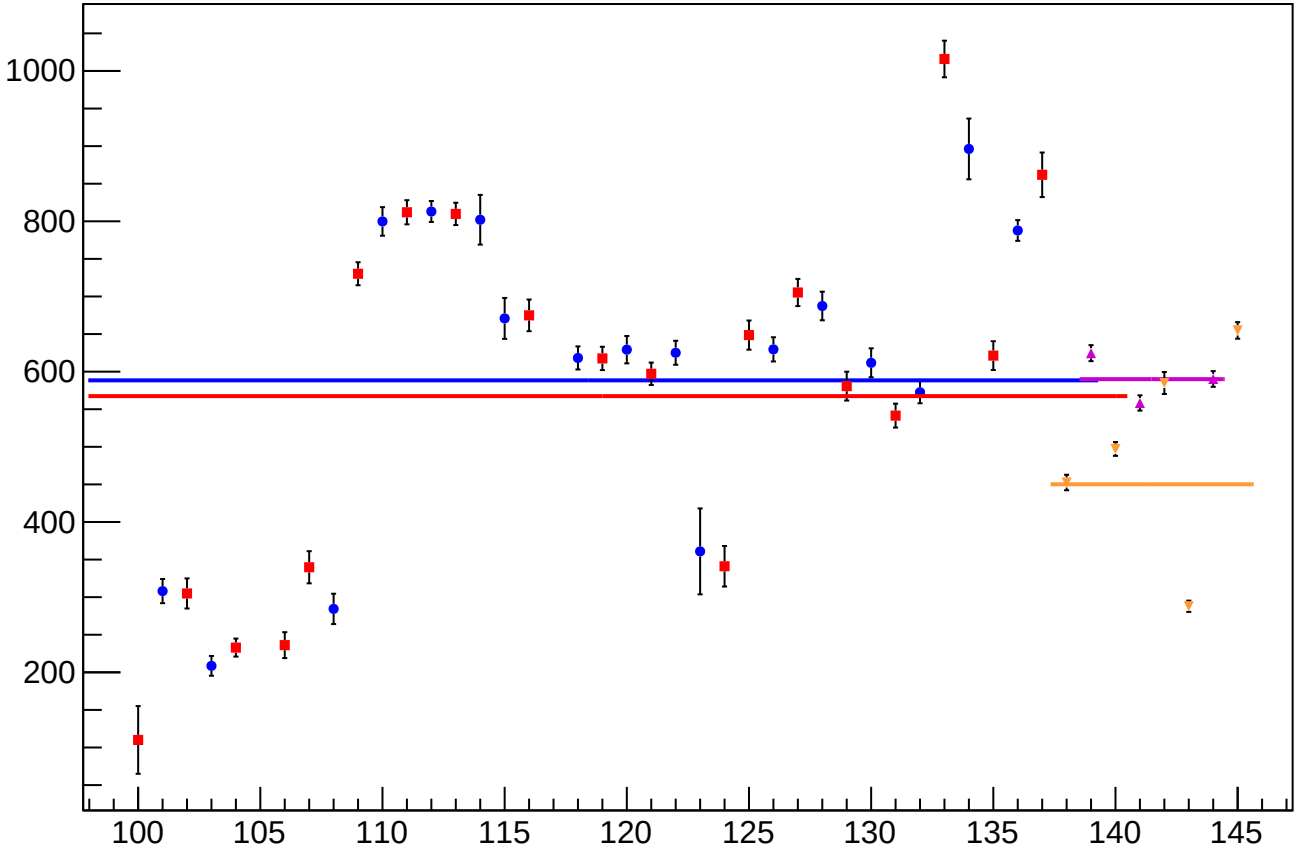
Left In: -0.052+/-4.700 χ^2/NDF:10.2/2

+ sign -11.170+/-1.863 χ^2/NDF: 360.5/21

All: -8.075+/-1.375 χ^2/NDF: 722.4/43

- sign -4.362+/-2.040 χ^2/NDF: 355.8/21

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 450.135+/-4.388 χ^2/NDF:924.9/4

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

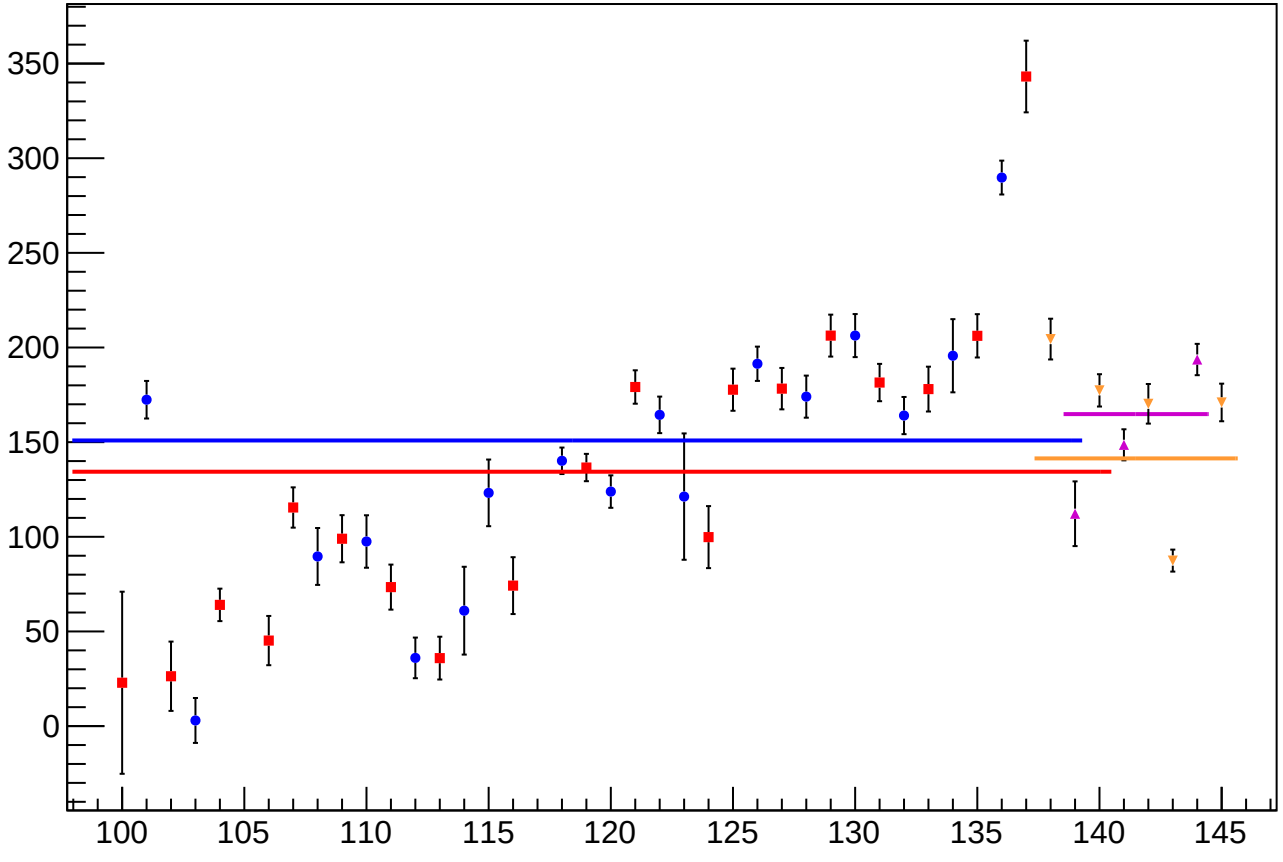
Left In: 590.025+/-6.023 χ^2/NDF:20.2/2

+ sign 520.346+/-3.079 χ^2/NDF: 3559.4/21

All: 544.748+/-2.285 χ^2/NDF: 6513.9/43

- sign 574.687+/-3.410 χ^2/NDF: 2814.6/21

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 141.415+/-3.746 χ^2/NDF:154.9/4

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

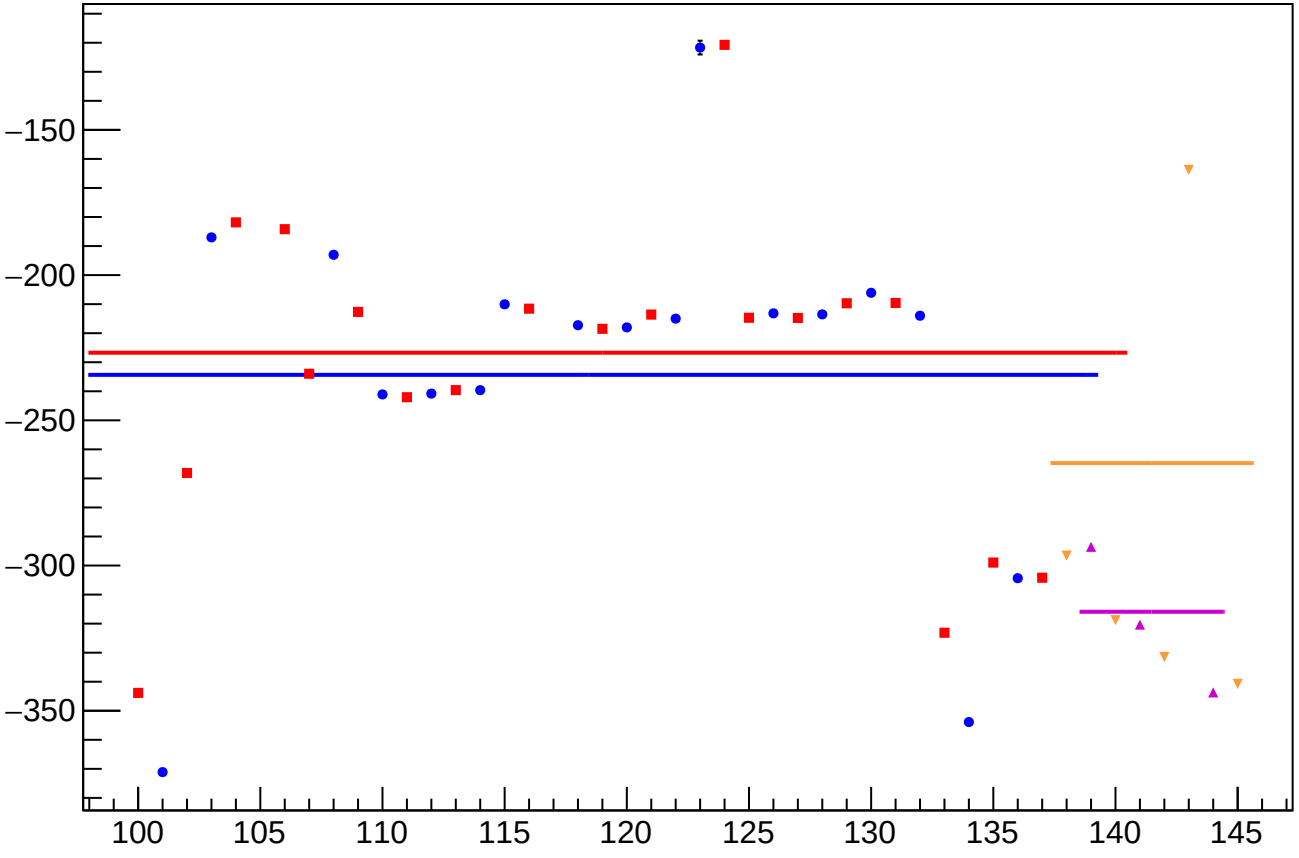
Left In: 164.819+/-5.516 χ^2/NDF:25.5/2

+ sign 147.693+/-2.176 χ^2/NDF: 793.9/21

All: 144.160+/-1.602 χ^2/NDF: 1434.9/43

- sign 139.983+/-2.366 χ^2/NDF: 635.3/21

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -264.725+/-0.179 χ^2/NDF:180261.1/4

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

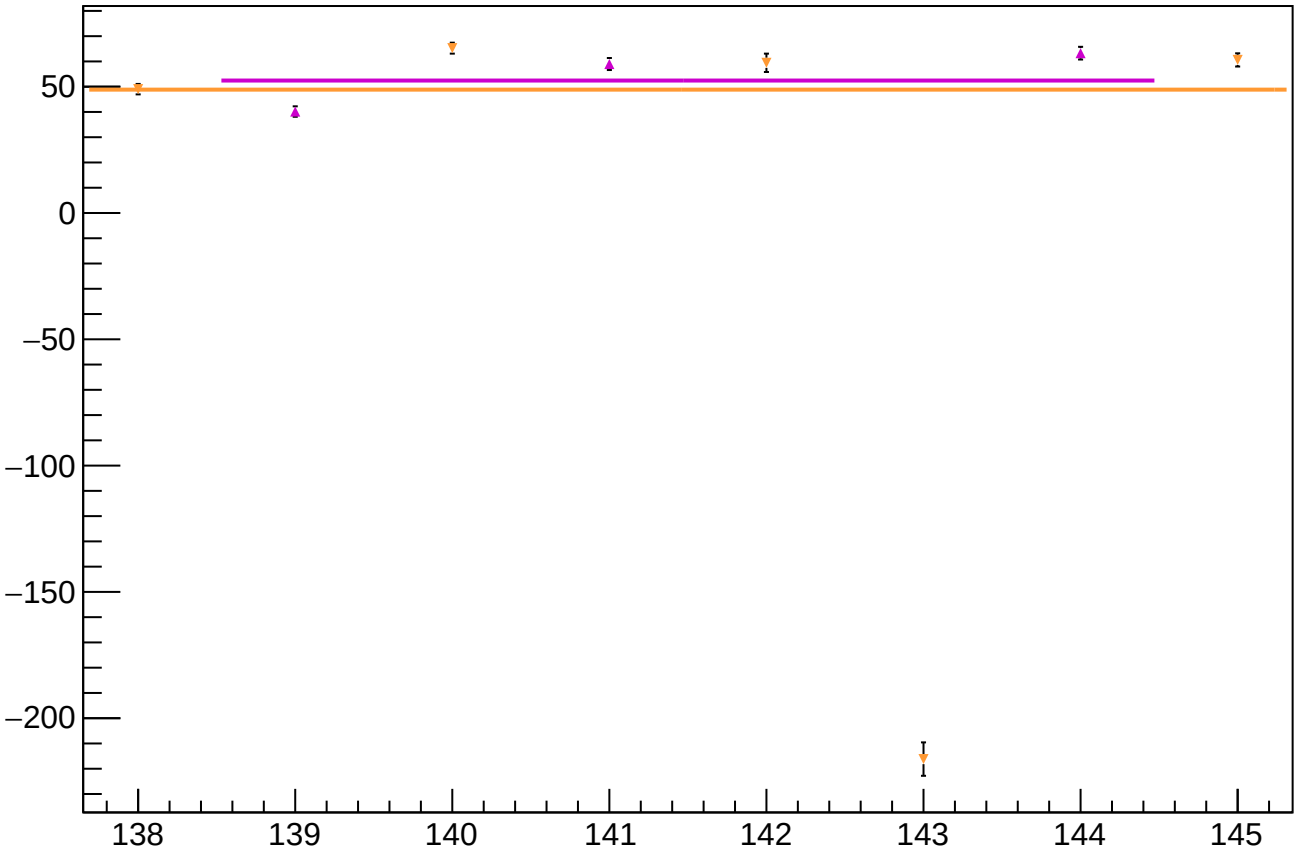
Left In: -315.910+/-0.238 χ^2/NDF:7337.1/2

+ sign -246.740+/-0.114 χ^2/NDF: 342554.8/21

All: -248.284+/-0.083 χ^2/NDF: 553855.2/43

- sign -250.034+/-0.121 χ^2/NDF: 210909.8/21

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 48.836+/-1.203 χ^2/NDF:1692.0/4

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

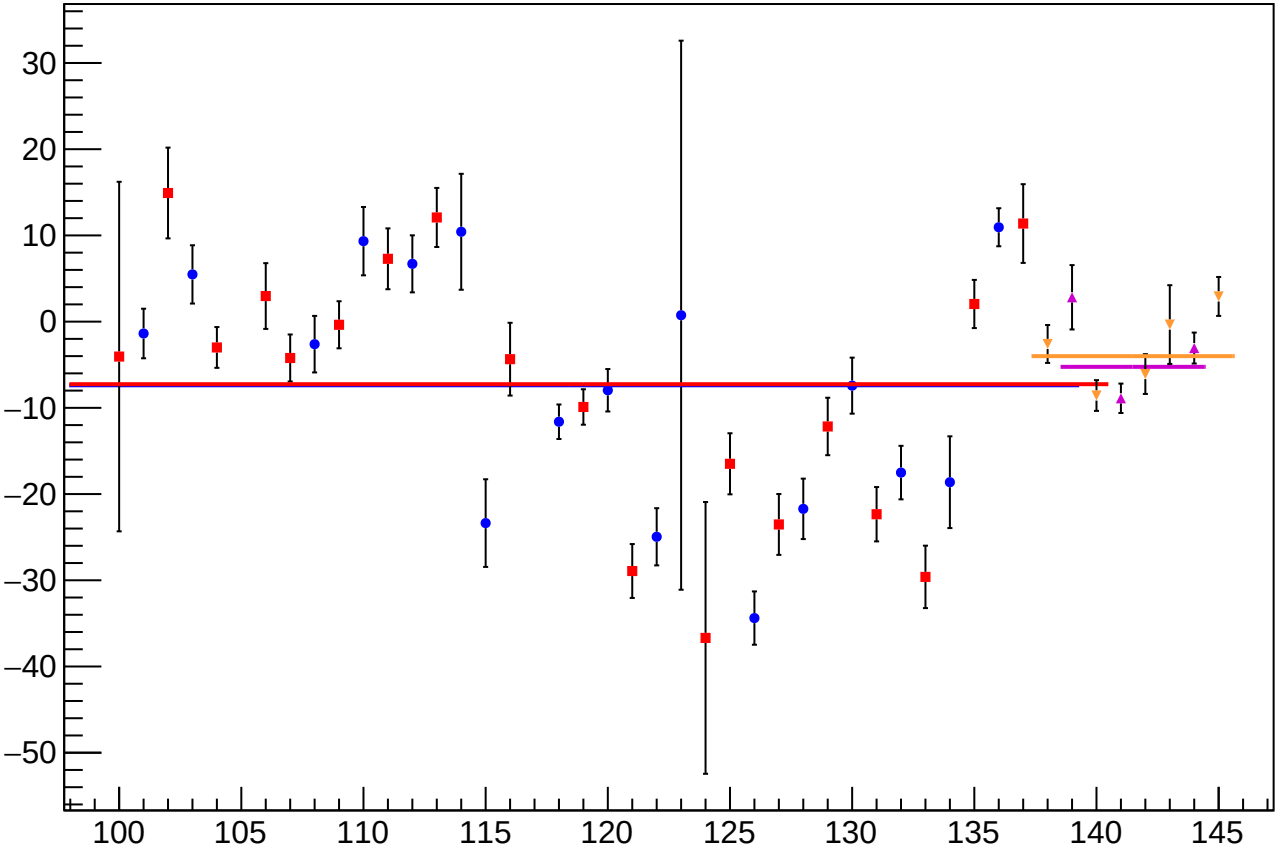
Left In: 52.438+/-1.326 χ^2/NDF:61.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 50.462+/-0.891 χ^2/NDF: 1757.4/7

- 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: -4.004+/-1.024 χ^2/NDF:17.8/4

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

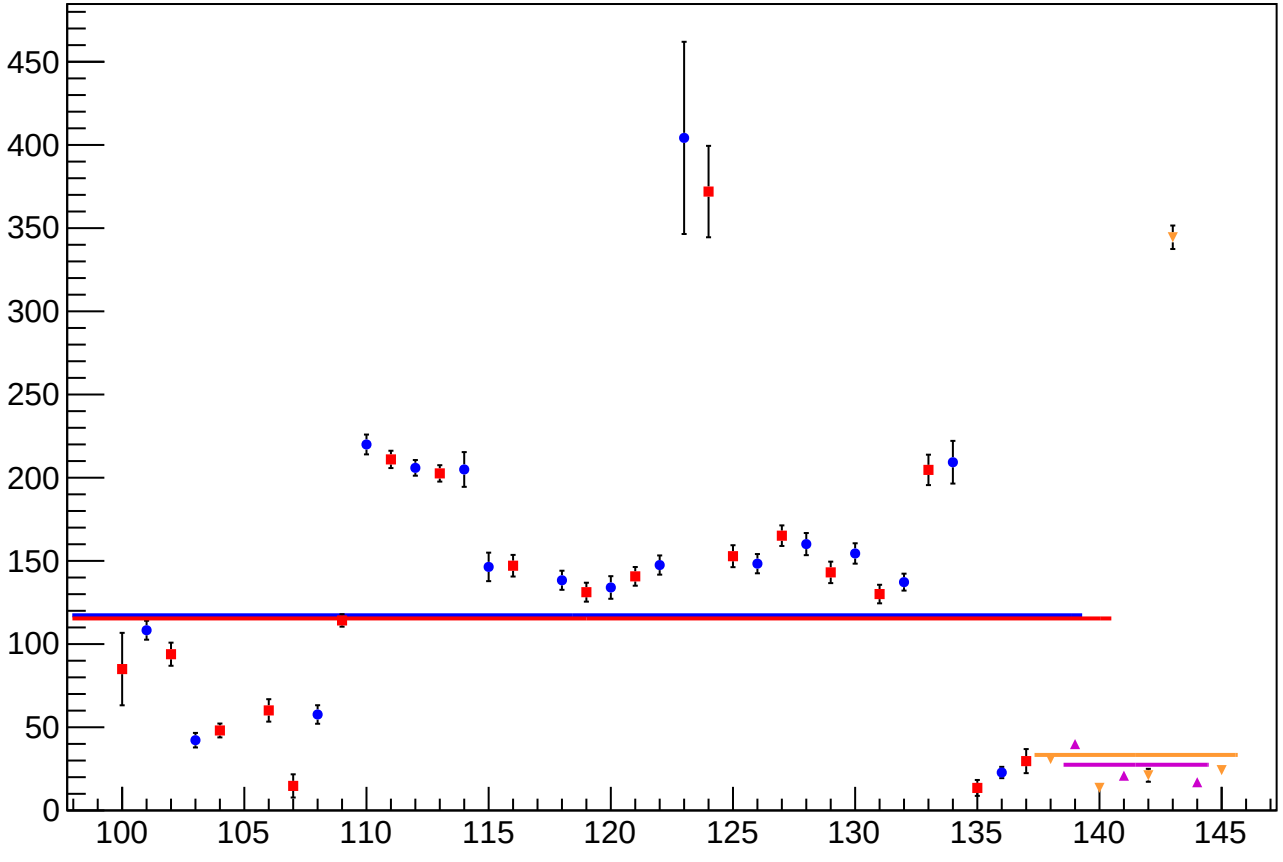
Left In: -5.244+/-1.174 χ^2/NDF:10.7/2

+ sign -6.144+/-0.620 χ^2/NDF: 308.3/21

All: -6.394+/-0.445 χ^2/NDF: 578.7/43

- sign -6.660+/-0.639 χ^2/NDF: 270.1/21

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 33.378+/-1.284 χ^2/NDF:2039.0/4

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

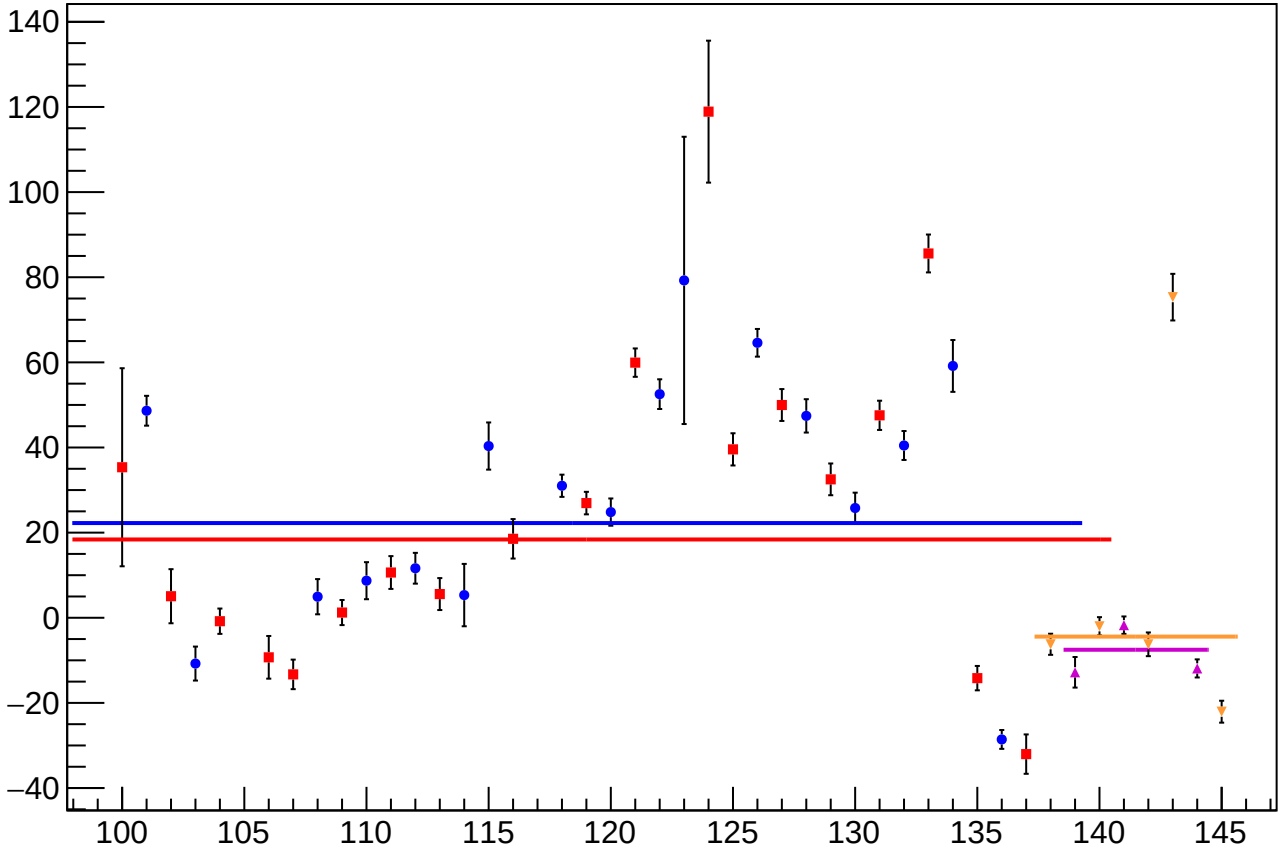
Left In: 27.465+/-1.423 χ^2/NDF:52.7/2

+ sign 71.458+/-0.949 χ^2/NDF: 6139.4/21

All: 72.397+/-0.683 χ^2/NDF: 10339.8/43

- sign 73.404+/-0.983 χ^2/NDF: 4198.4/21

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: -4.426+/-1.201 χ^2/NDF:261.3/4

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

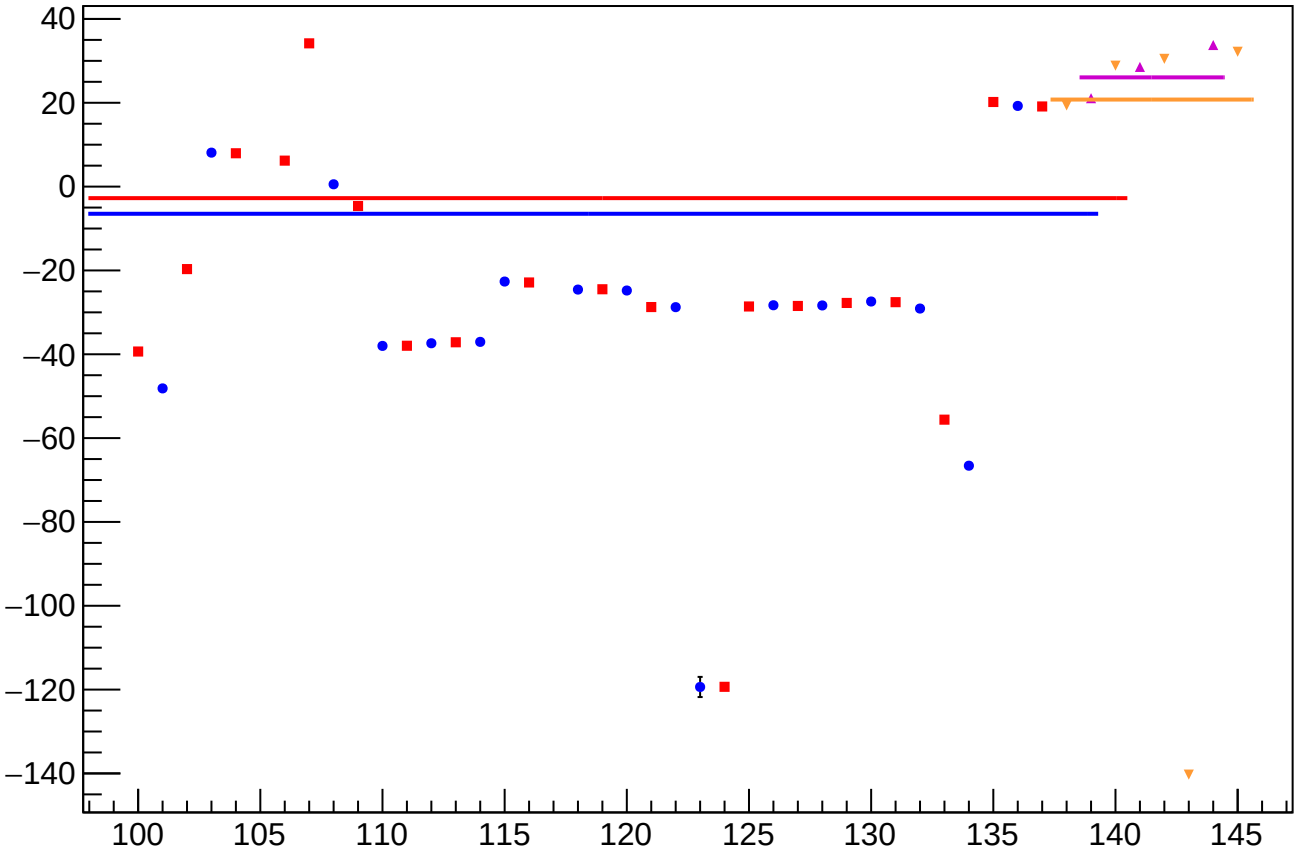
Left In: -7.514+/-1.364 χ^2/NDF:14.4/2

+ sign 12.805+/-0.715 χ^2/NDF: 1651.4/21

All: 11.868+/-0.512 χ^2/NDF: 3002.7/43

- sign 10.879+/-0.735 χ^2/NDF: 1347.7/21

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 20.767+/-0.052 χ^2/NDF:345489.8/4

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

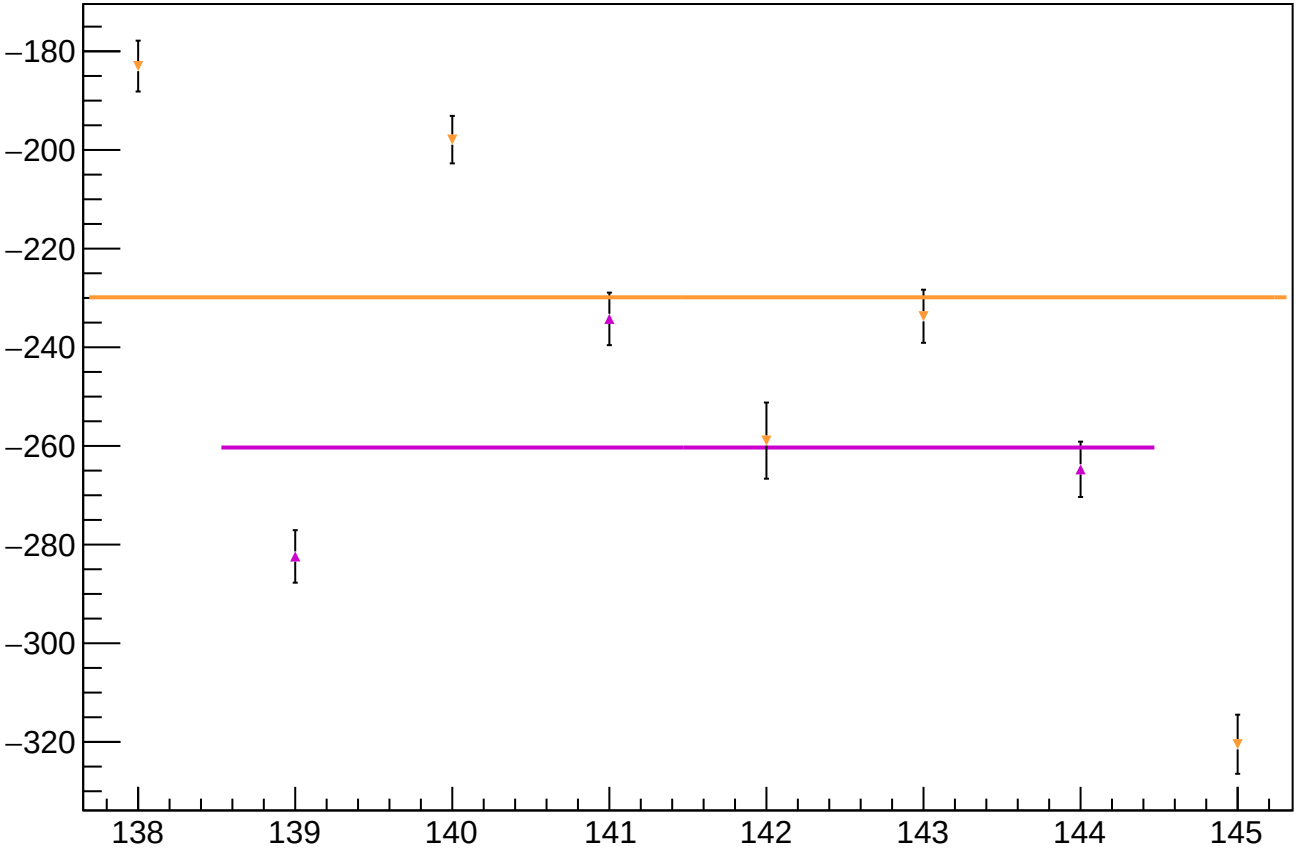
Left In: 26.060+/-0.055 χ^2/NDF:8879.4/2

+ sign 5.541+/-0.035 χ^2/NDF: 765030.0/21

All: 7.231+/-0.025 χ^2/NDF: 1207163.3/43

- sign 8.986+/-0.035 χ^2/NDF: 437242.5/21

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -229.873+/-2.500 χ^2/NDF:370.2/4

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

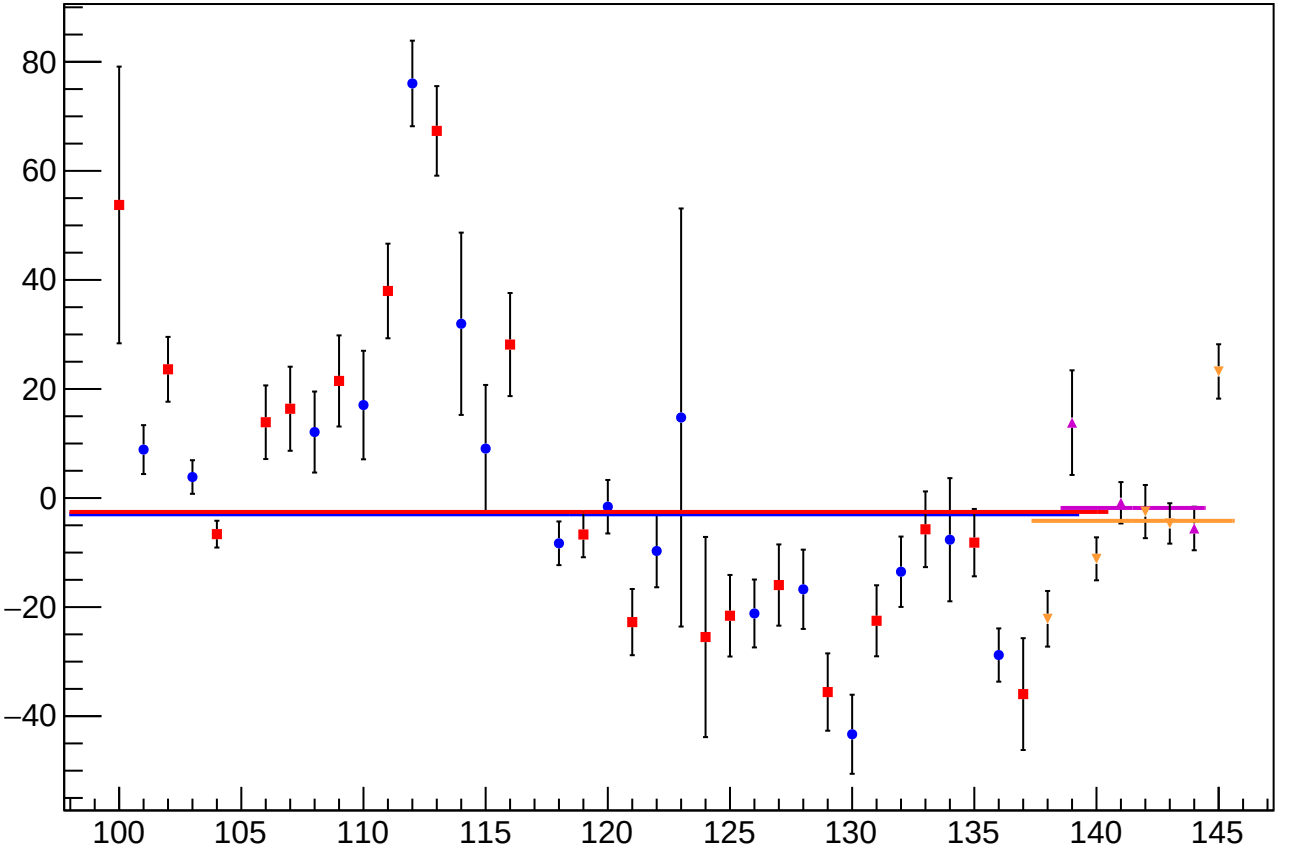
Left In: -260.320+/-3.125 χ^2/NDF:41.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -241.754+/-1.952 χ^2/NDF: 469.9/7

- 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: -4.181+/-1.969 χ^2/NDF:45.8/4

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

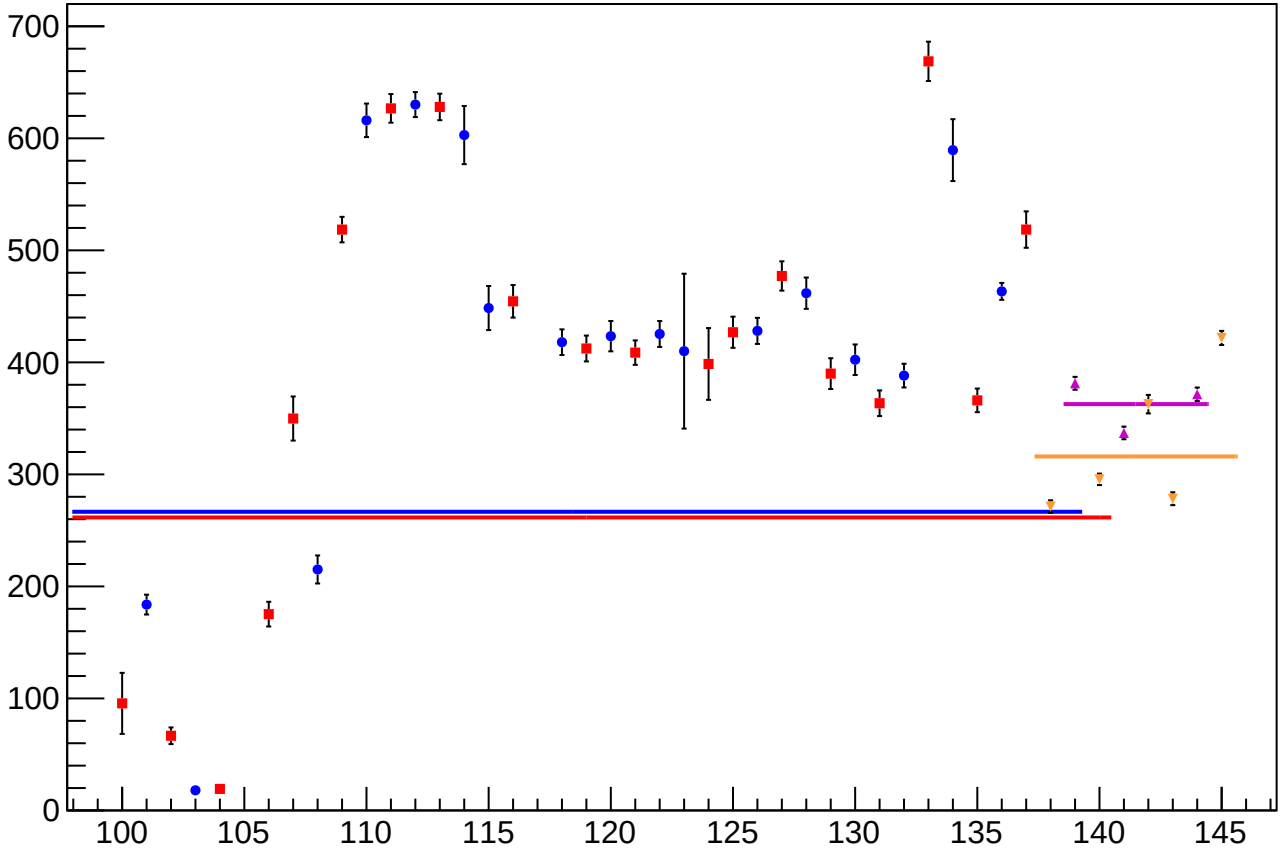
Left In: -1.815+/-2.644 χ^2/NDF:3.6/2

+ sign -3.404+/-1.168 χ^2/NDF: 250.0/21

All: -2.924+/-0.849 χ^2/NDF: 472.1/43

- sign -2.388+/-1.236 χ^2/NDF: 221.8/21

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 316.021+/-2.670 χ^2/NDF:437.7/4

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

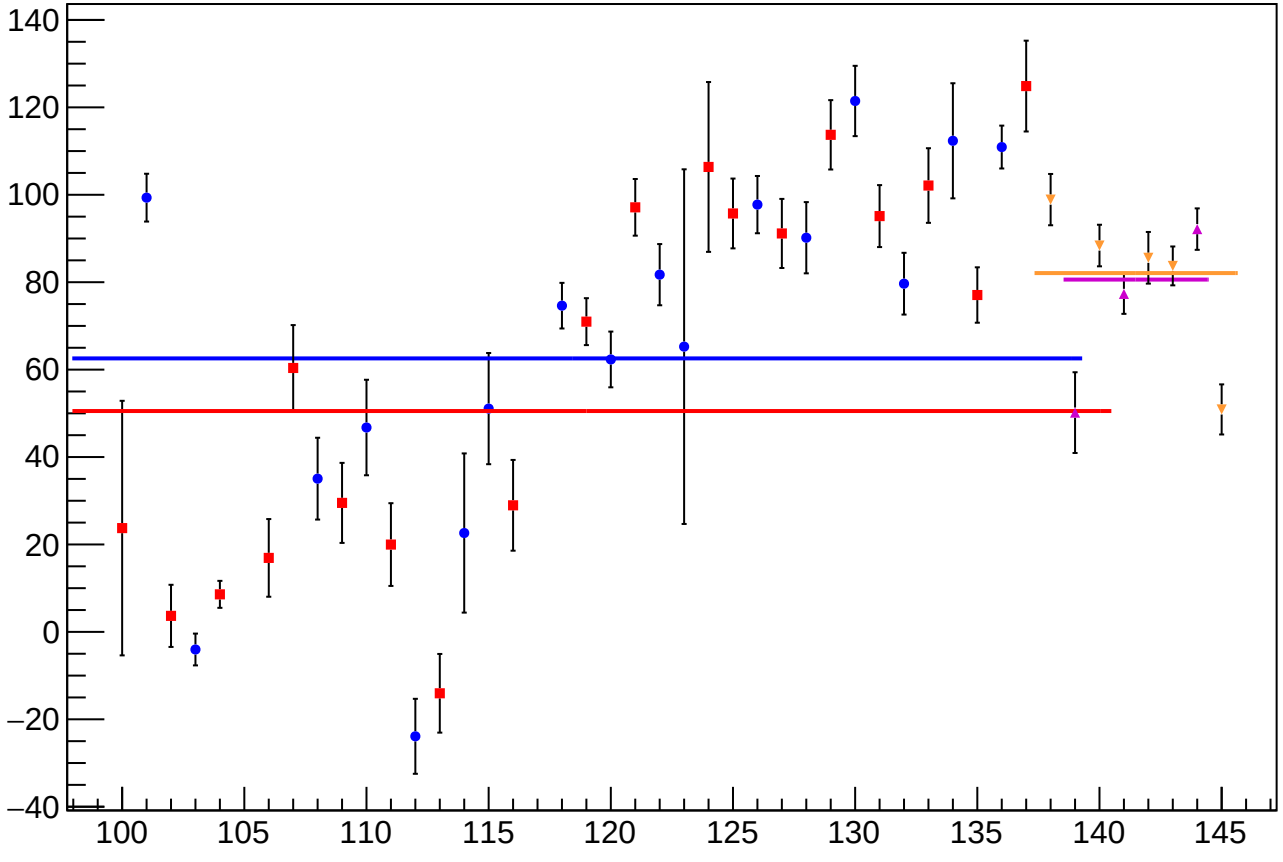
Left In: 362.739+/-3.350 χ^2/NDF:33.2/2

+ sign 289.478+/-1.816 χ^2/NDF: 8284.4/21

All: 292.892+/-1.339 χ^2/NDF: 17126.7/43

- sign 296.958+/-1.982 χ^2/NDF: 8834.5/21

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 82.087+/-2.338 χ^2/NDF:40.1/4

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

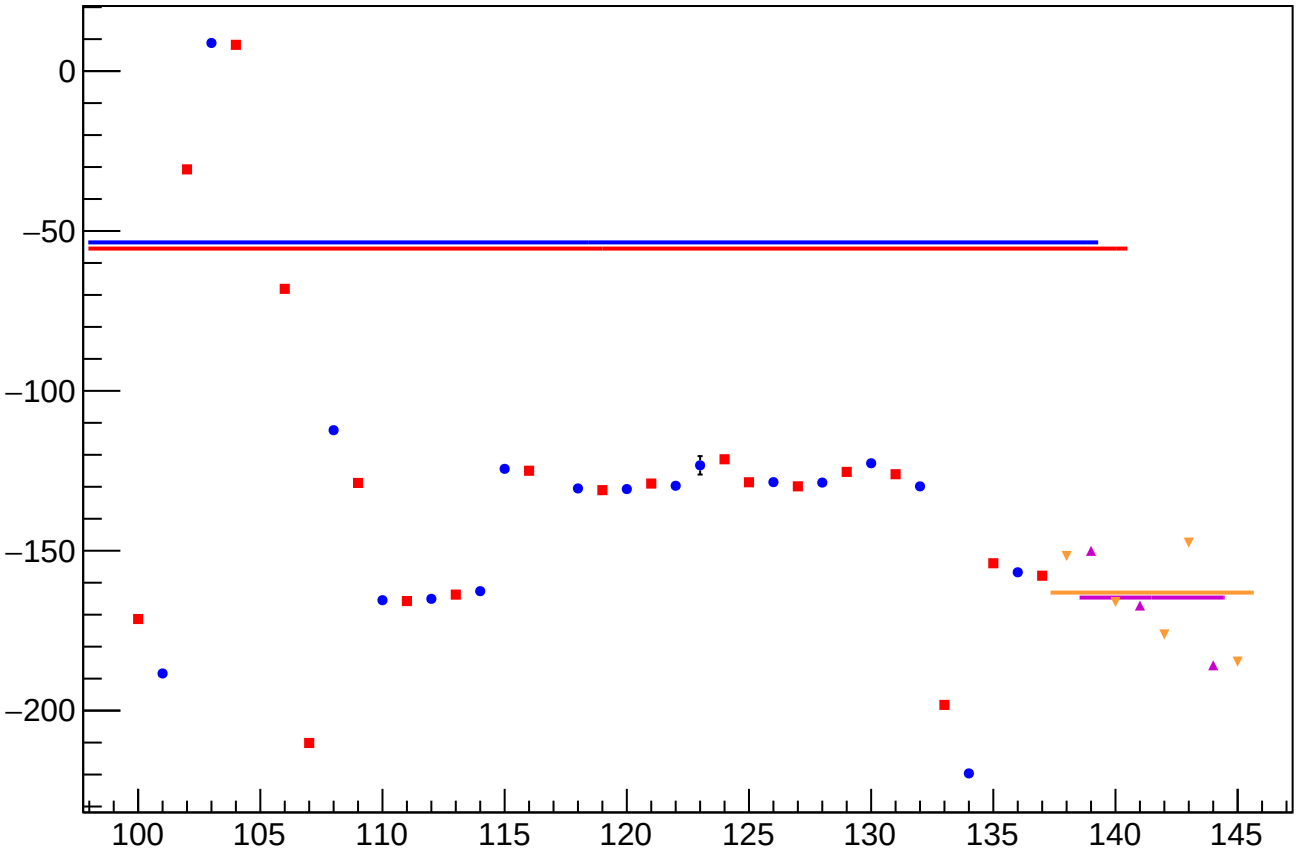
Left In: 80.599+/-3.099 χ^2/NDF:17.3/2

+ sign 69.203+/-1.363 χ^2/NDF: 808.5/21

All: 63.545+/-0.994 χ^2/NDF: 1593.1/43

- sign 57.128+/-1.452 χ^2/NDF: 747.8/21

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -163.096+/-0.109 χ^2/NDF:16531.6/4

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

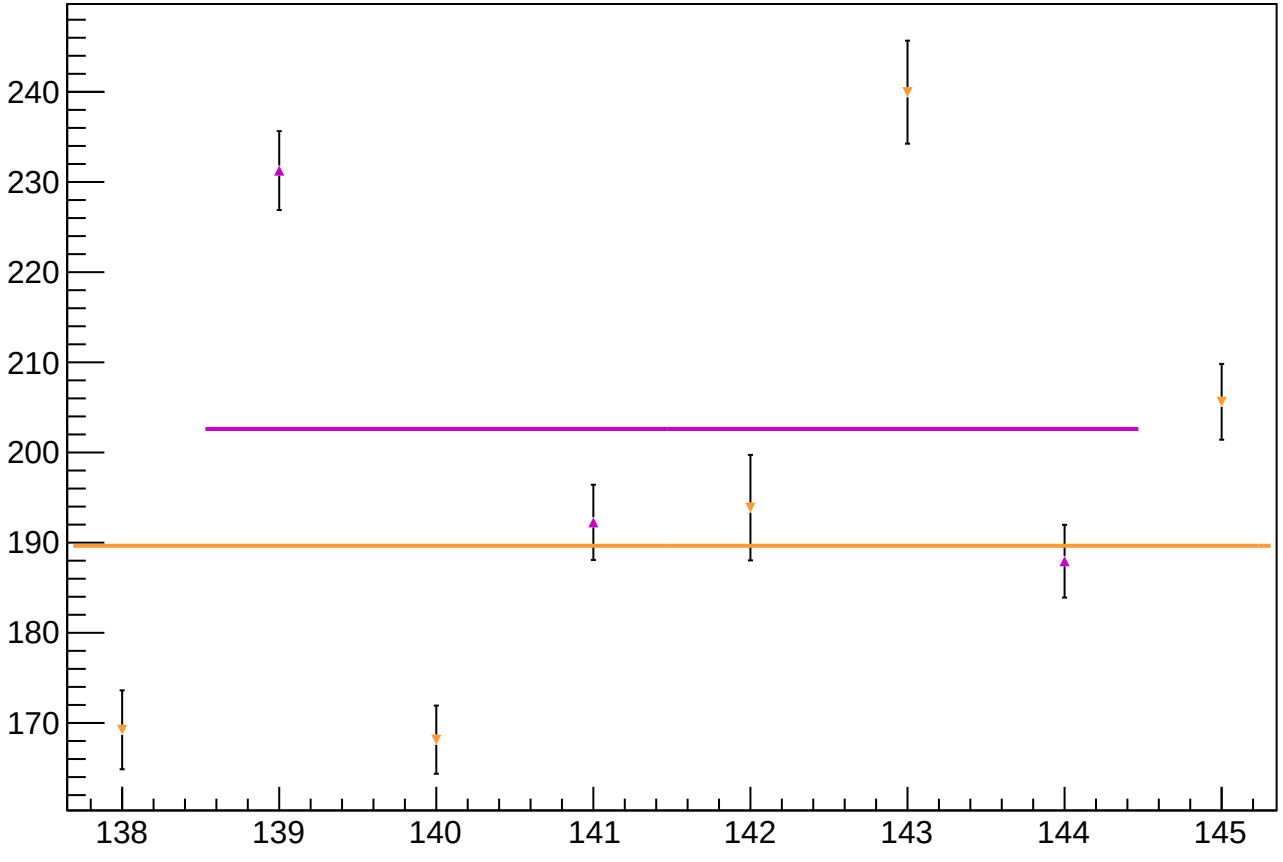
Left In: -164.648+/-0.132 χ^2/NDF:11792.9/2

+ sign -85.765+/-0.059 χ^2/NDF: 1960884.9/21

All: -83.350+/-0.043 χ^2/NDF: 3475508.8/43

- sign -80.591+/-0.063 χ^2/NDF: 1511040.4/21

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 189.654+/-2.047 χ^2/NDF:146.6/4

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

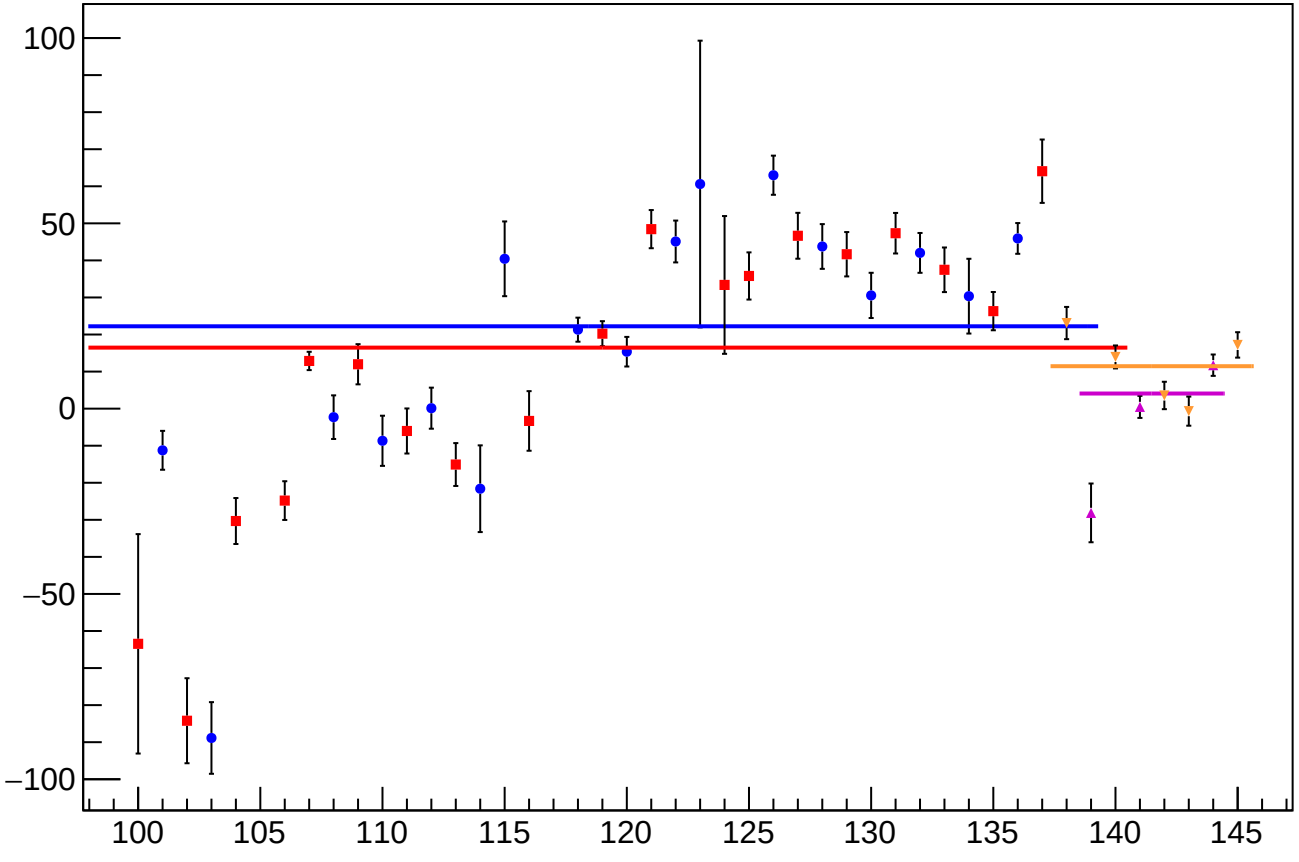
Left In: 202.604+/-2.418 χ^2/NDF:62.2/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 195.062+/-1.562 χ^2/NDF: 225.6/7

- 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: 11.452+/-1.622 χ^2/NDF:24.7/4

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

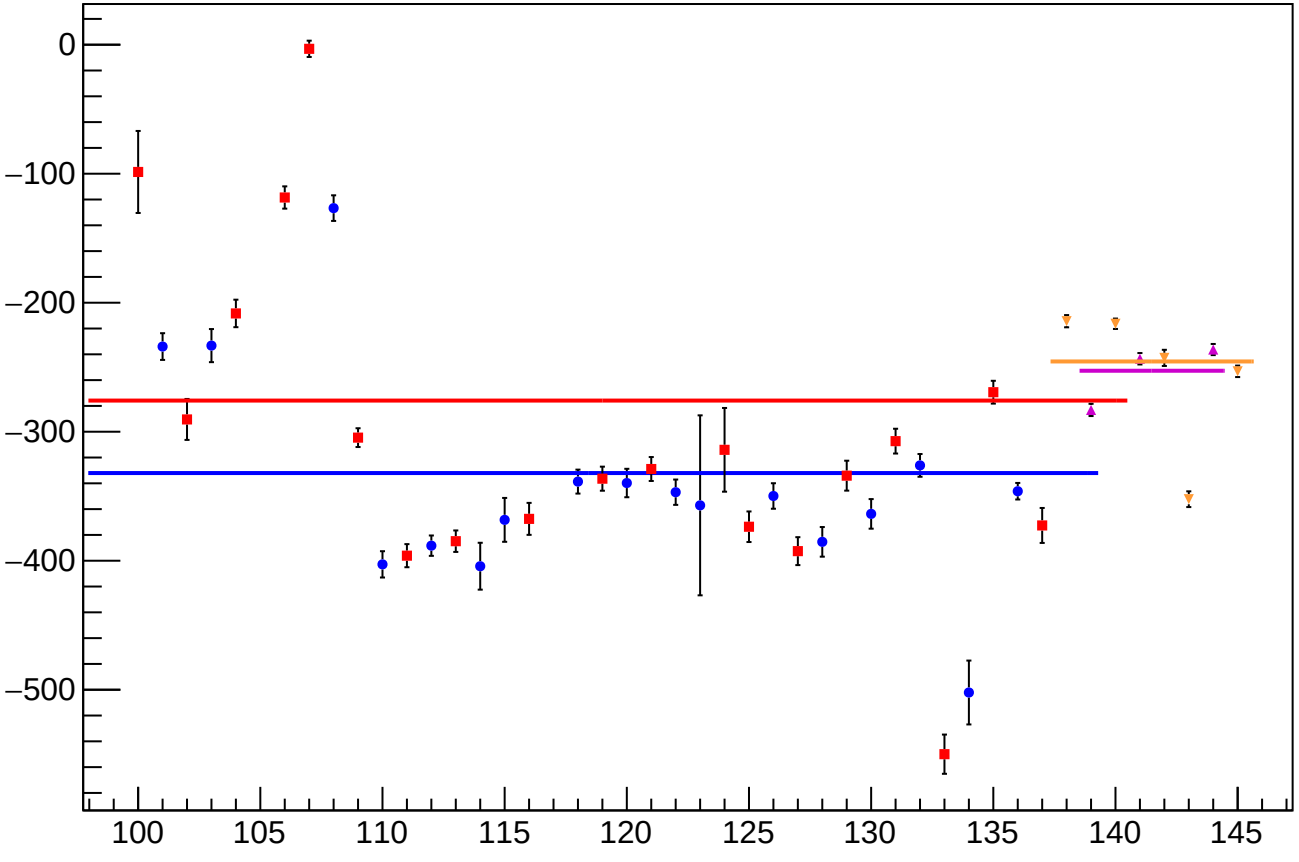
Left In: 4.080+/-2.003 χ^2/NDF:25.0/2

+ sign 17.723+/-1.048 χ^2/NDF: 436.0/21

All: 15.398+/-0.741 χ^2/NDF: 924.5/43

- sign 13.075+/-1.048 χ^2/NDF: 478.7/21

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -245.534+/-2.188 χ^2/NDF:405.8/4

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

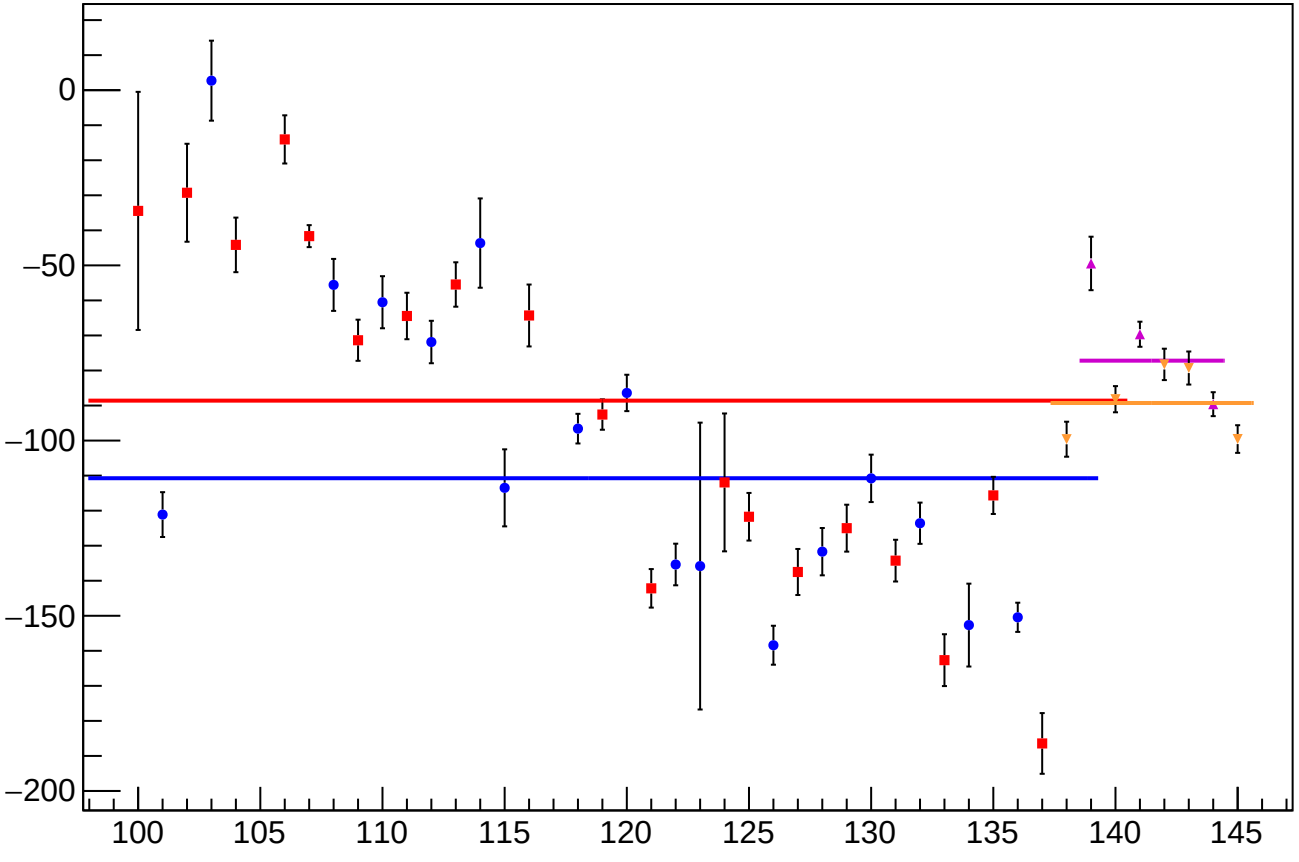
Left In: -252.734+/-2.590 χ^2/NDF:60.0/2

+ sign -282.015+/-1.664 χ^2/NDF: 1850.0/21

All: -274.100+/-1.199 χ^2/NDF: 5364.1/43

- sign -265.542+/-1.730 χ^2/NDF: 3467.0/21

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -89.273+/-1.922 χ^2/NDF:21.7/4

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

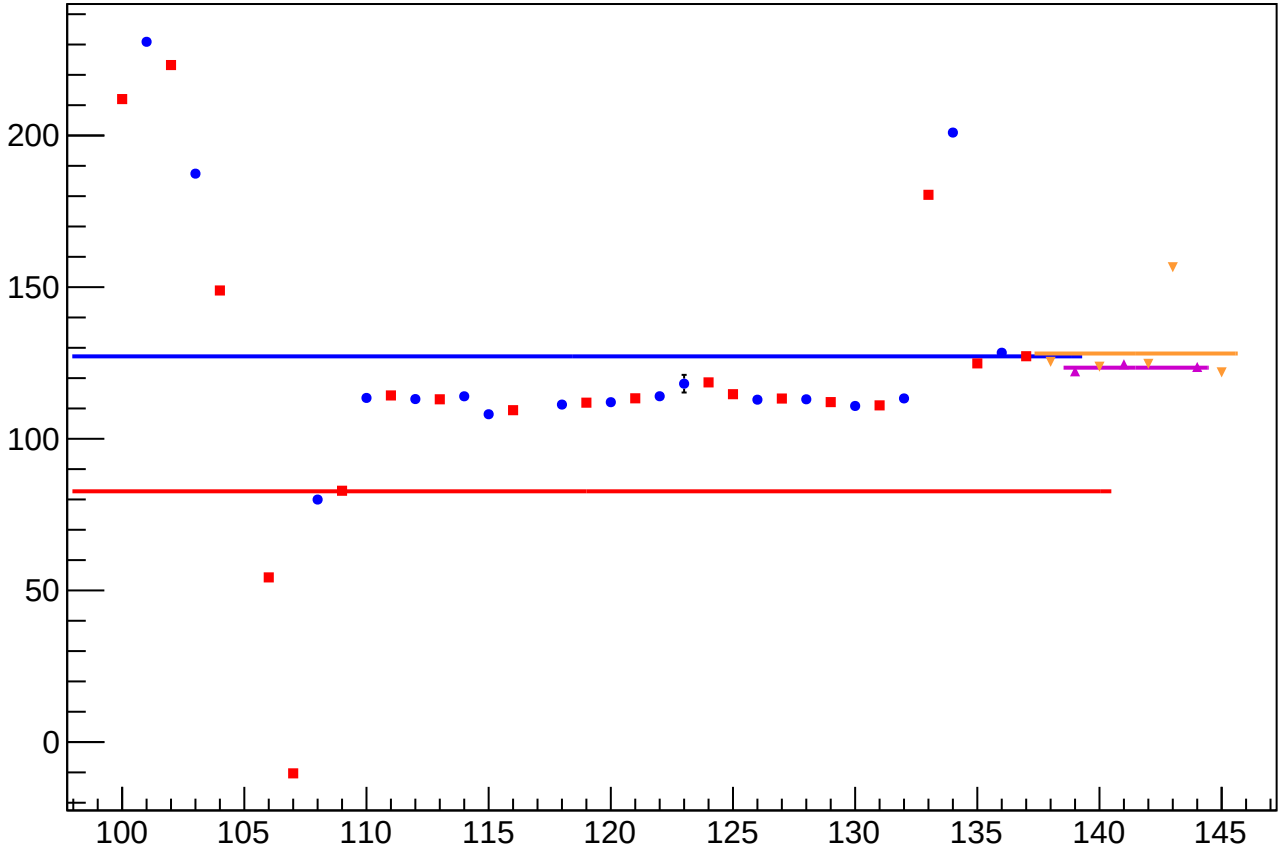
Left In: -77.193+/-2.351 χ^2/NDF:30.9/2

+ sign -102.103+/-1.219 χ^2/NDF: 609.7/21

All: -93.838+/-0.864 χ^2/NDF: 1719.7/43

- sign -85.505+/-1.225 χ^2/NDF: 1017.8/21

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 128.119+/-0.089 χ^2/NDF:15762.0/4

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

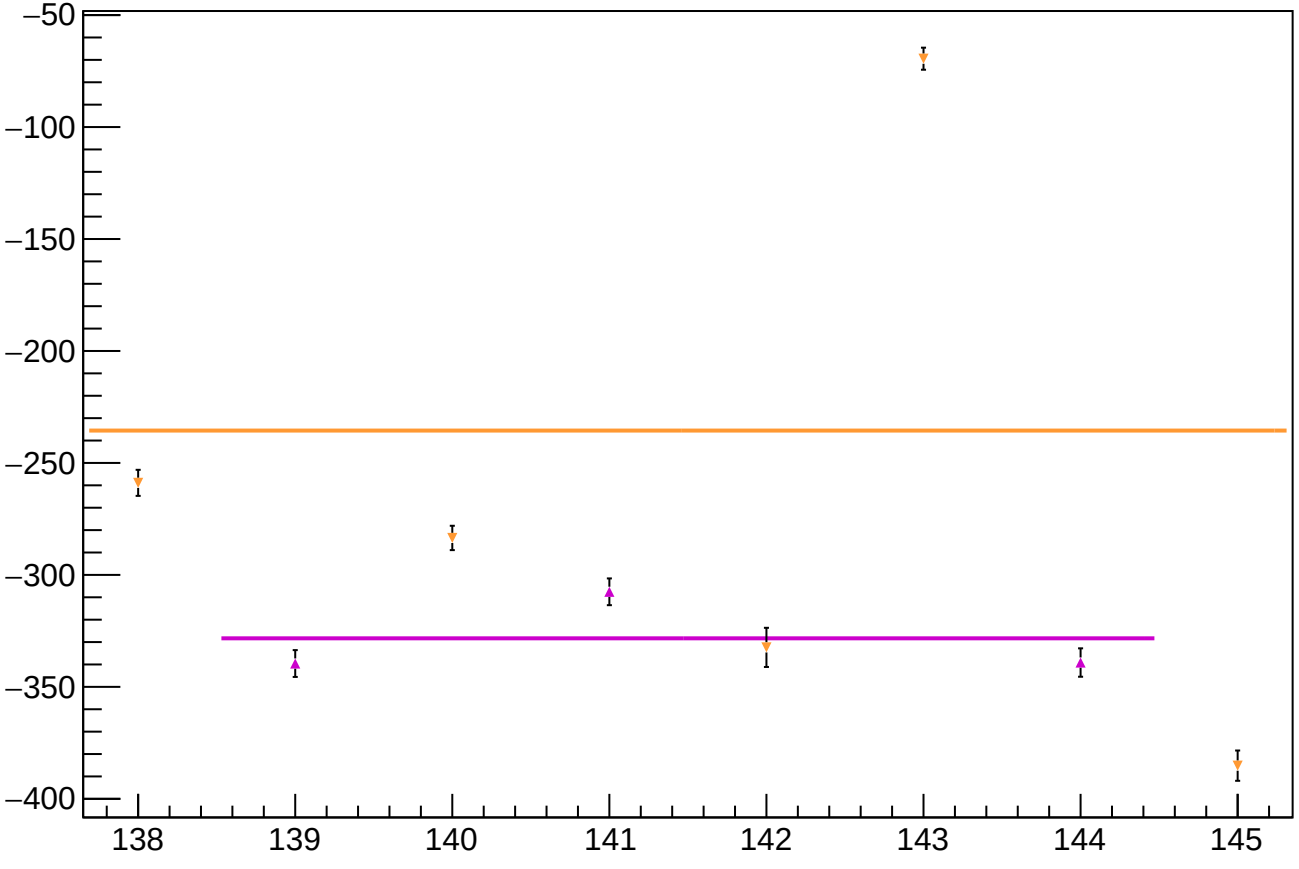
Left In: 123.448+/-0.103 χ^2/NDF:93.2/2

+ sign 127.648+/-0.063 χ^2/NDF: 203868.6/21

All: 111.724+/-0.044 χ^2/NDF: 1195300.1/43

- sign 96.929+/-0.061 χ^2/NDF: 868222.8/21

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -235.541+/-2.677 χ^2/NDF:1843.7/4

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

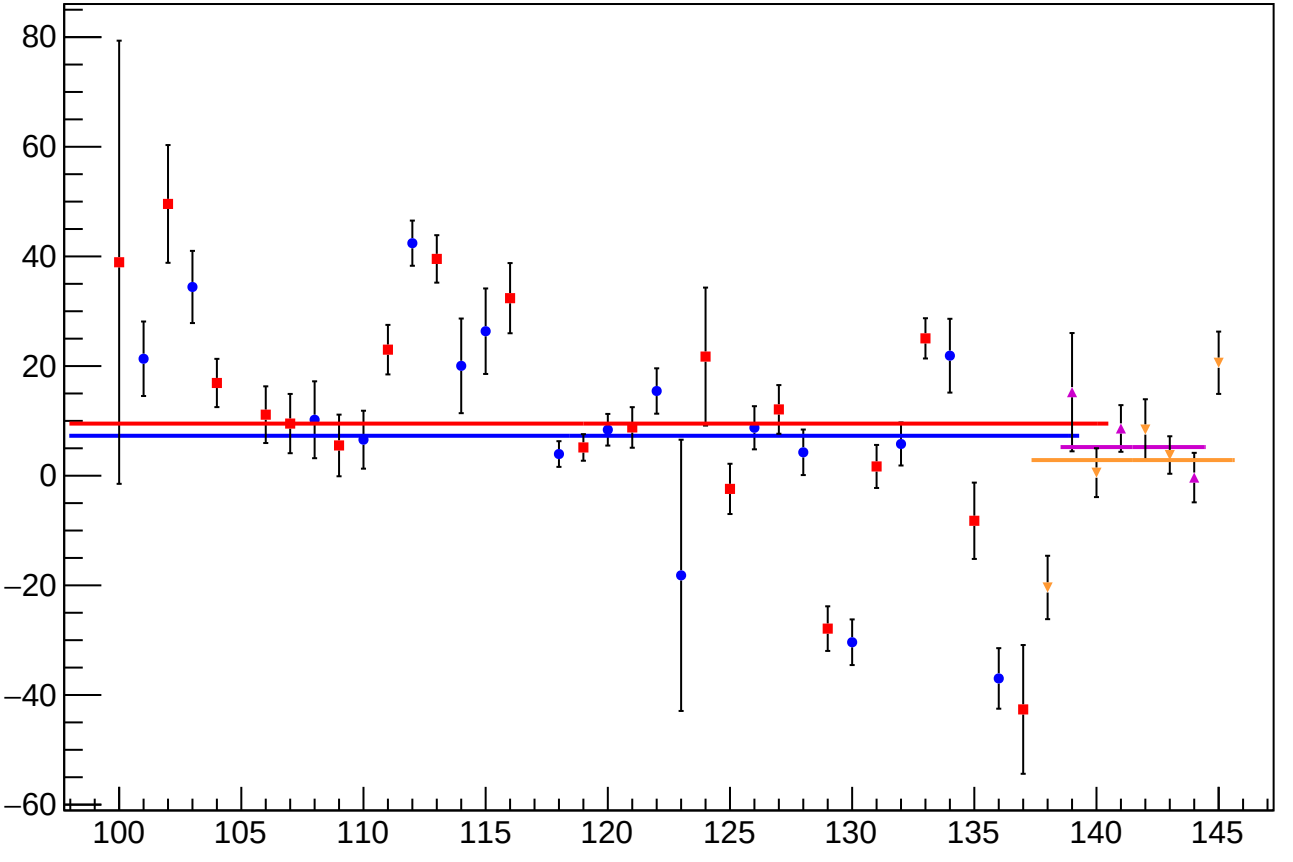
Left In: -328.324+/-3.520 χ^2/NDF:18.5/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -269.542+/-2.131 χ^2/NDF: 2302.5/7

- 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: 2.850+/-2.087 χ^2/NDF:27.3/4

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

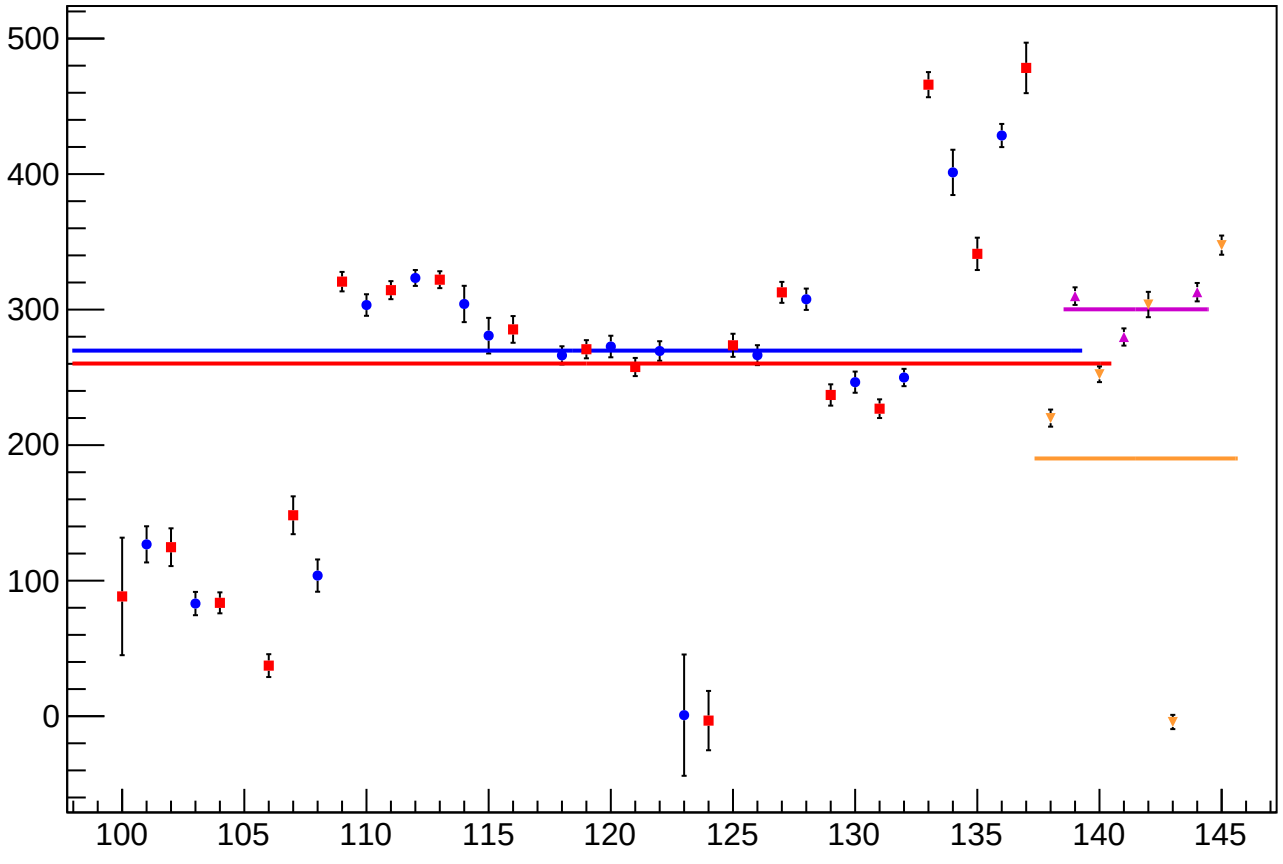
Left In: 5.225+/-2.977 χ^2/NDF:3.0/2

+ sign 6.343+/-0.962 χ^2/NDF: 291.8/21

All: 7.611+/-0.697 χ^2/NDF: 531.9/43

- sign 9.011+/-1.011 χ^2/NDF: 236.4/21

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 190.156+/-2.857 χ^2/NDF:2147.4/4

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

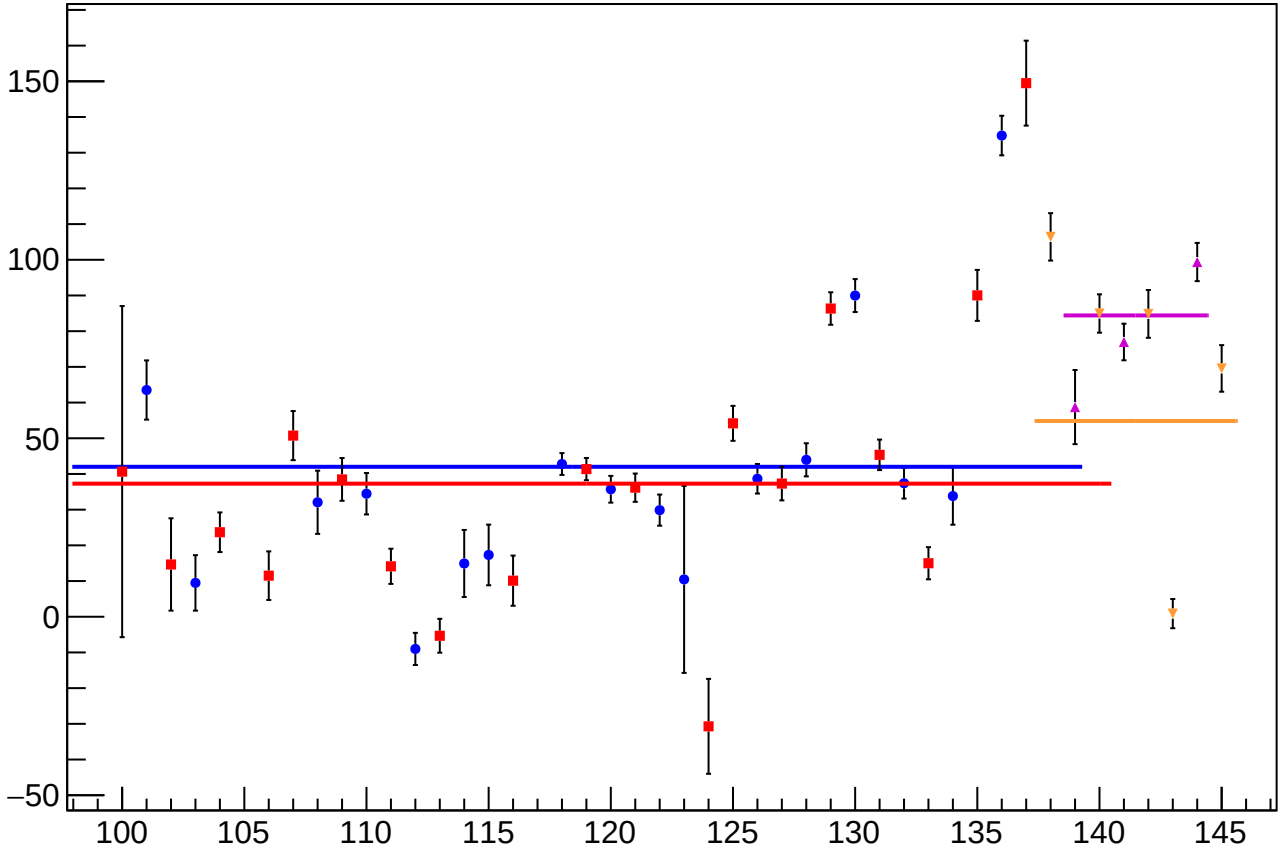
Left In: 300.207+/-3.773 χ^2/NDF:16.1/2

+ sign 242.322+/-1.677 χ^2/NDF: 4030.2/21

All: 254.998+/-1.211 χ^2/NDF: 6795.5/43

- sign 268.829+/-1.752 χ^2/NDF: 2645.8/21

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 54.848+/-2.478 χ^2/NDF:290.9/4

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

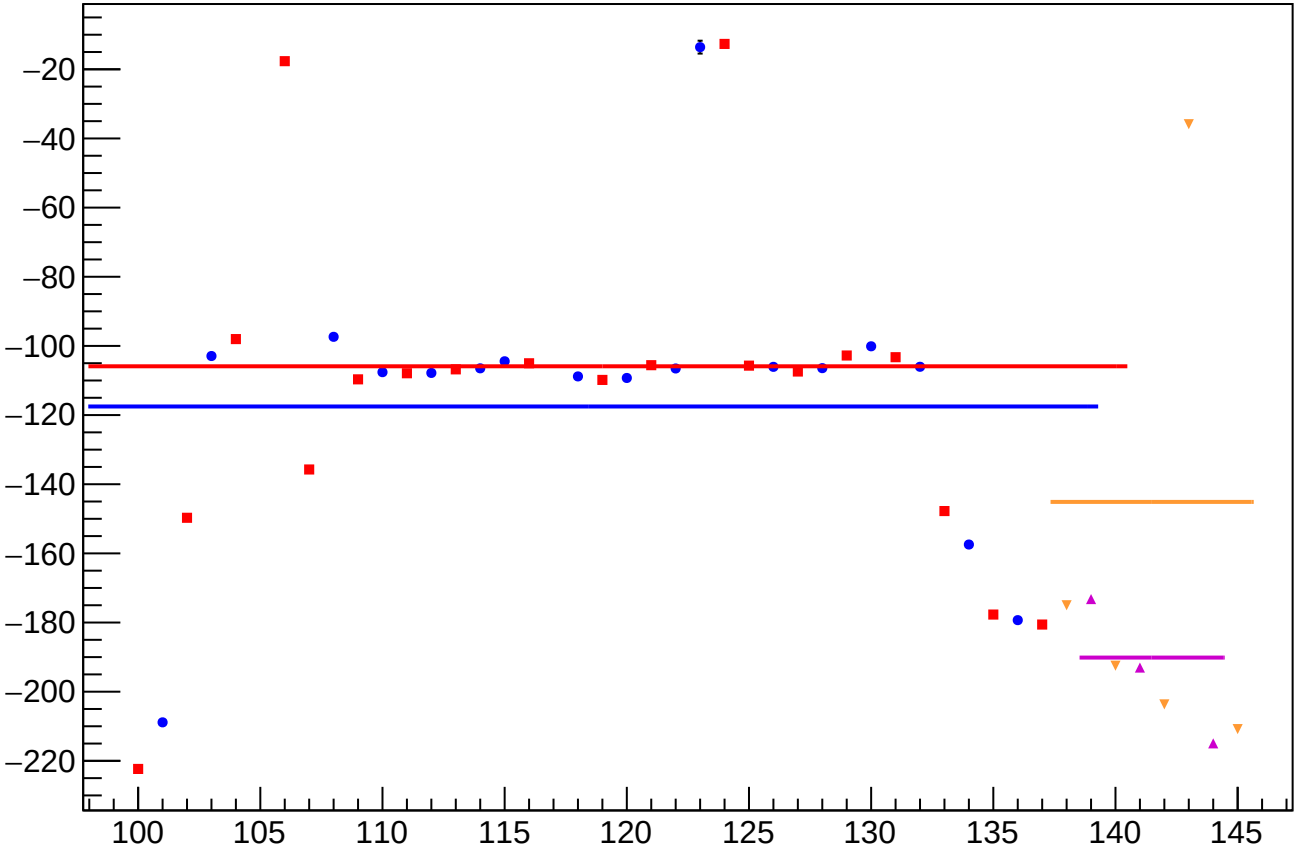
Left In: 84.413+/-3.488 χ^2/NDF:16.0/2

+ sign 44.629+/-1.120 χ^2/NDF: 887.8/21

All: 43.632+/-0.808 χ^2/NDF: 1540.3/43

- sign 42.550+/-1.166 χ^2/NDF: 650.8/21

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -145.113+/-0.116 χ^2/NDF:398156.7/4

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

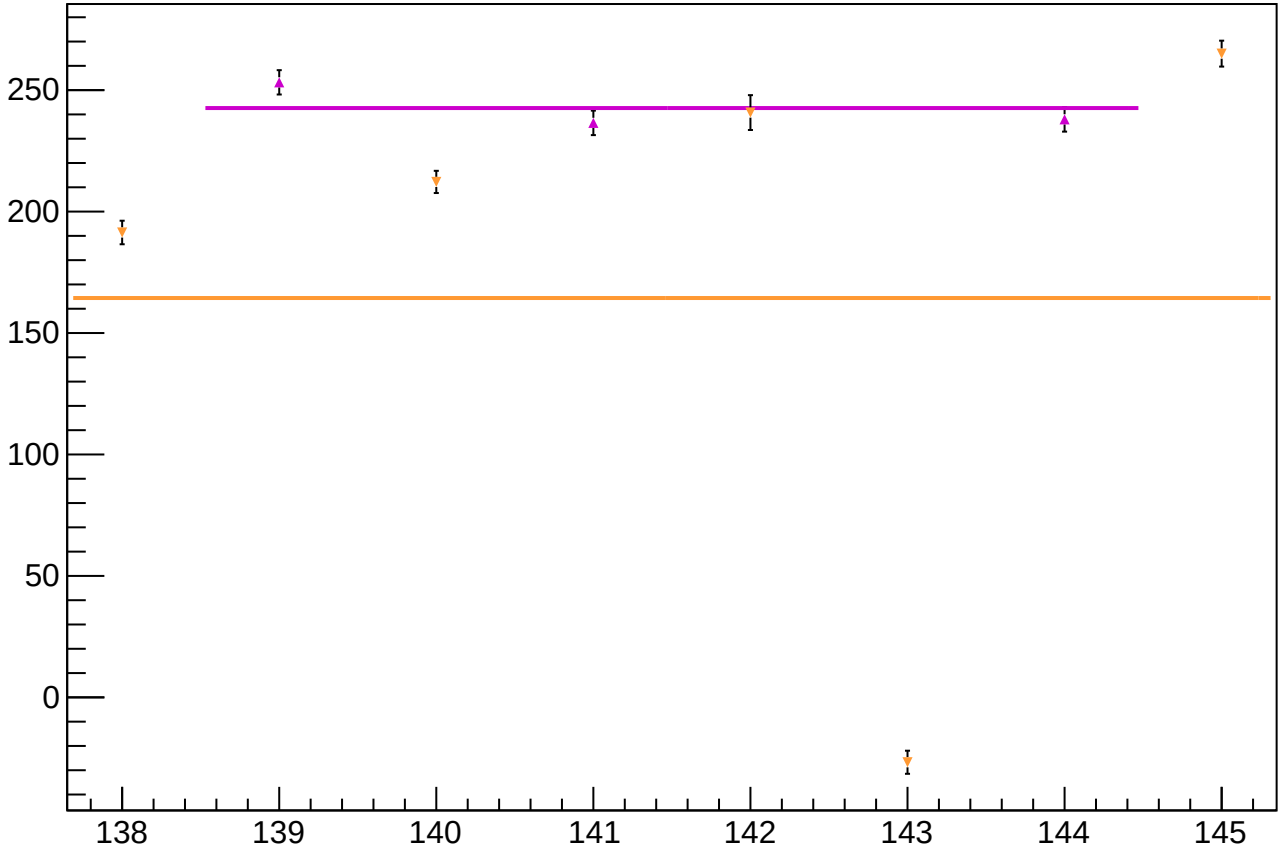
Left In: -190.136+/-0.148 χ^2/NDF:12595.8/2

+ sign -126.082+/-0.065 χ^2/NDF: 579026.7/21

All: -124.204+/-0.046 χ^2/NDF: 1178333.8/43

- sign -122.293+/-0.065 χ^2/NDF: 597611.5/21

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 164.411+/-2.299 χ^2/NDF:2225.1/4

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

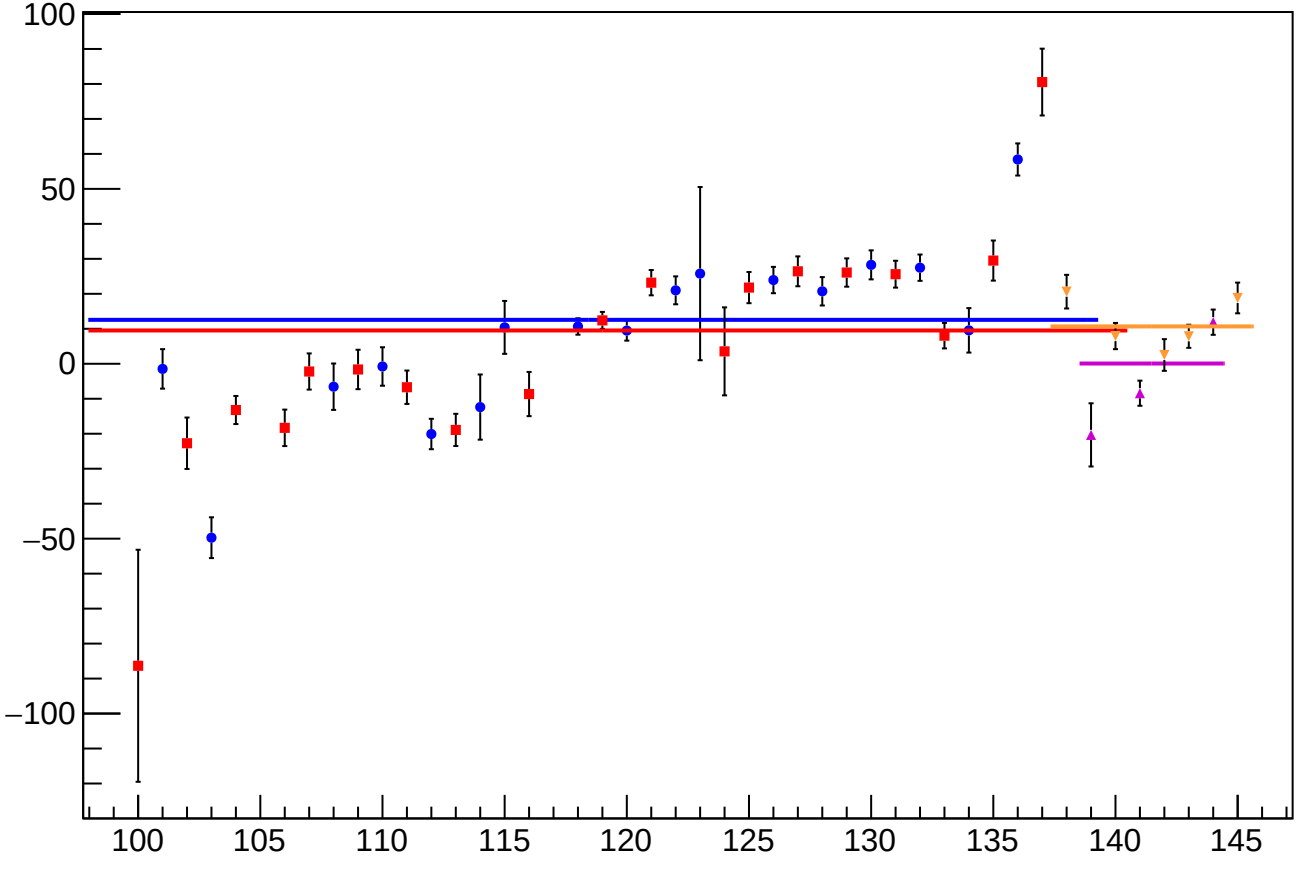
Left In: 242.623+/-2.907 χ^2/NDF:6.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 194.495+/-1.803 χ^2/NDF: 2677.2/7

- 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: 10.677+/-1.806 χ^2/NDF:12.2/4

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

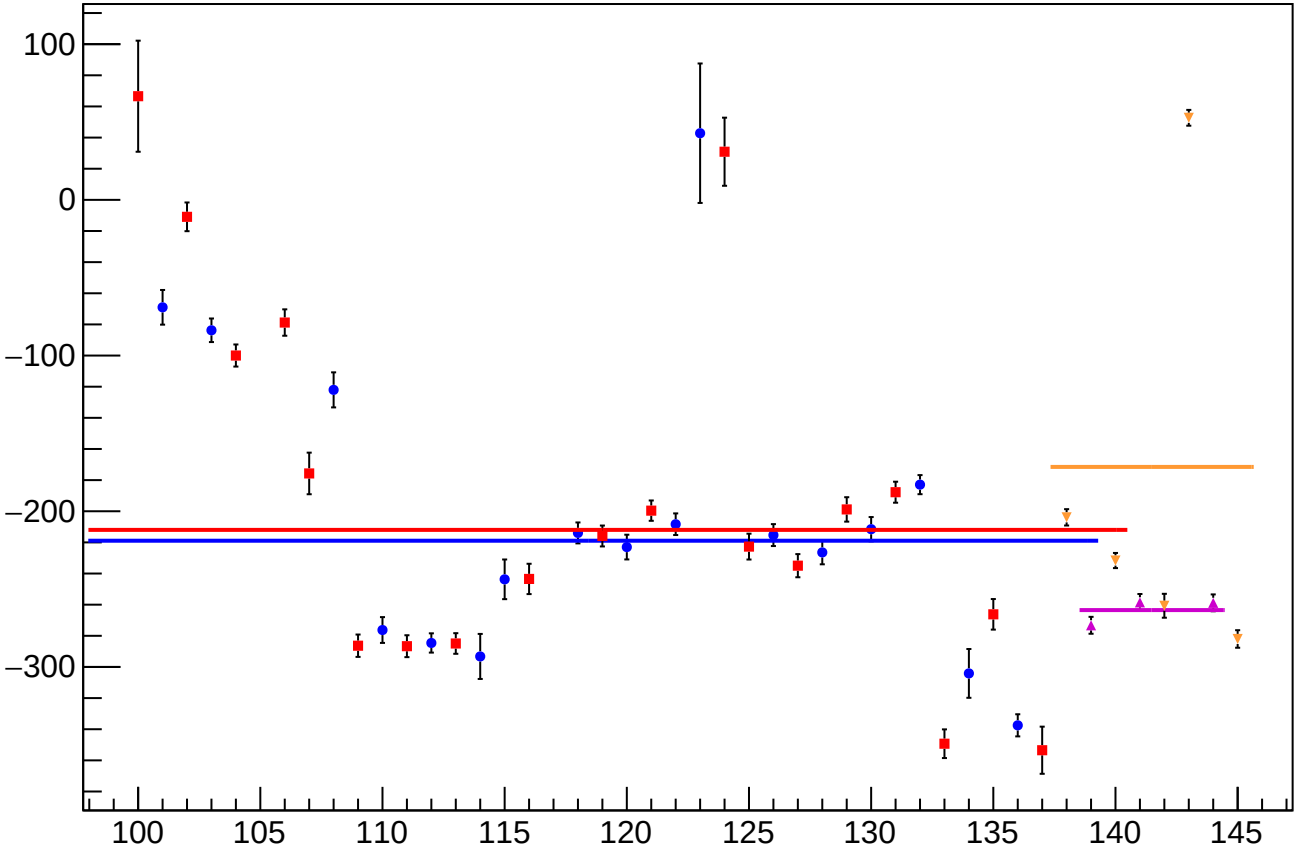
Left In: 0.071+/-2.450 χ^2/NDF:21.4/2

+ sign 12.082+/-0.911 χ^2/NDF: 360.8/21

All: 10.183+/-0.663 χ^2/NDF: 700.2/43

- sign 8.052+/-0.966 χ^2/NDF: 330.2/21

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -171.523+/-2.456 χ^2/NDF:2661.9/4

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

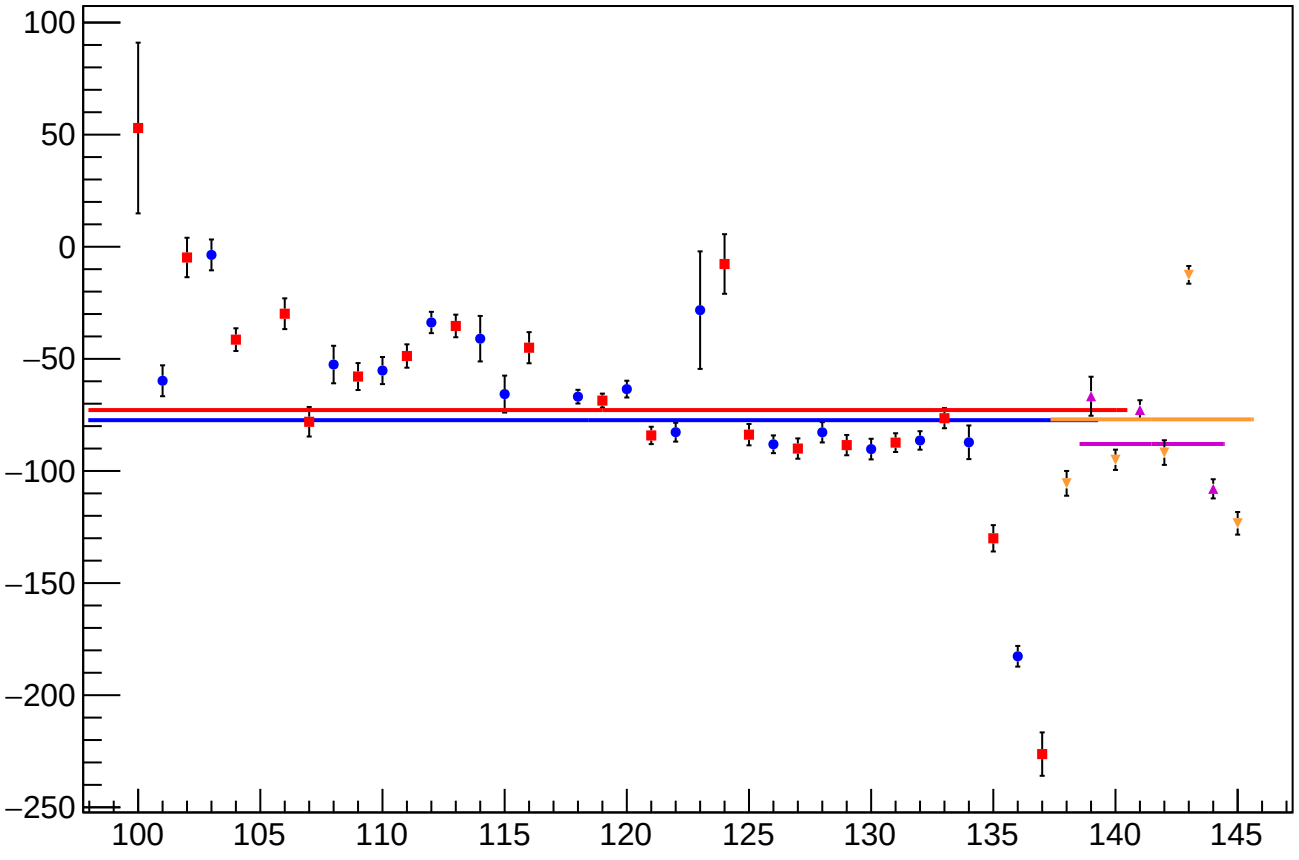
Left In: -263.477+/-3.117 χ^2/NDF:4.8/2

+ sign -199.959+/-1.554 χ^2/NDF: 4031.9/21

All: -212.385+/-1.127 χ^2/NDF: 6255.7/43

- sign -226.185+/-1.637 χ^2/NDF: 2088.8/21

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -76.982+/-2.141 χ^2/NDF:400.2/4

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

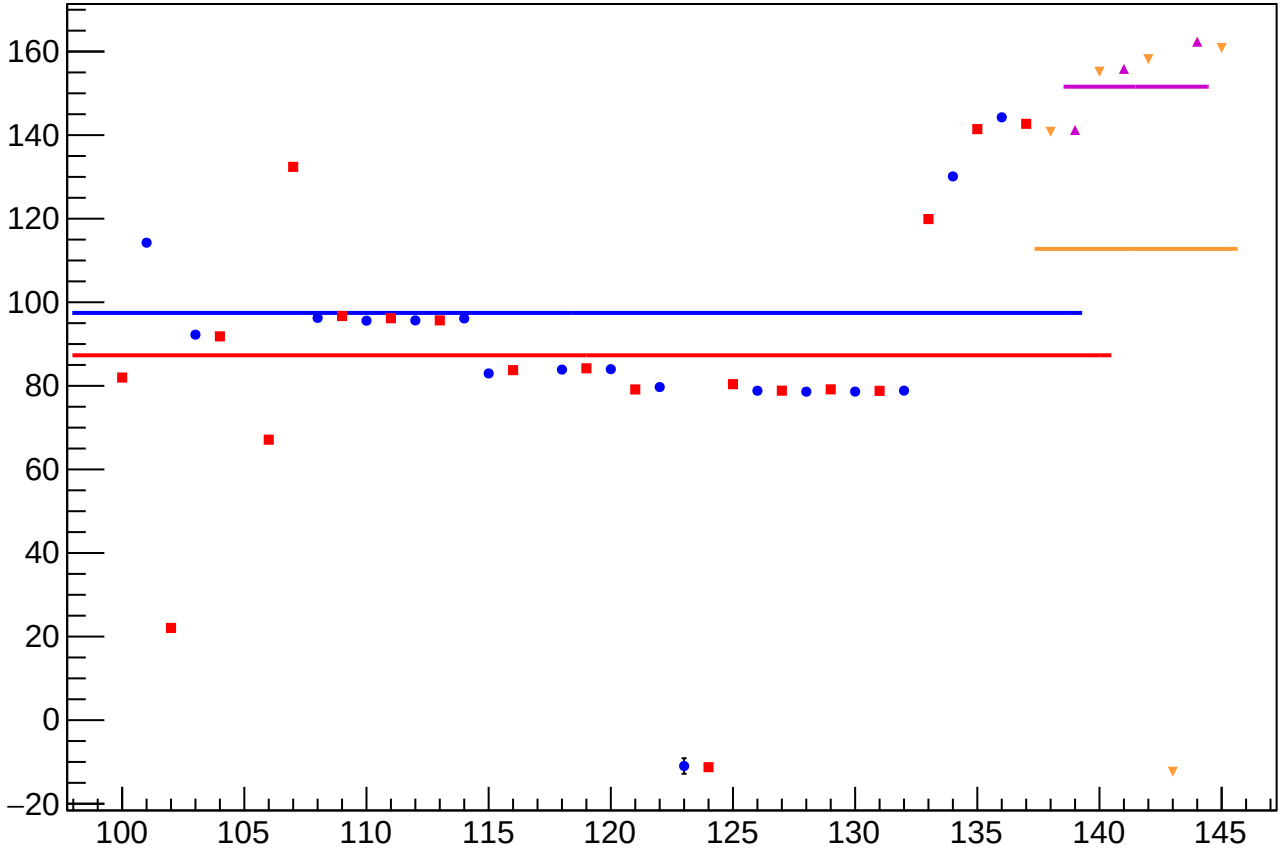
Left In: -87.960+/-2.871 χ^2/NDF:40.2/2

+ sign -77.254+/-1.060 χ^2/NDF: 1217.4/21

All: -76.237+/-0.768 χ^2/NDF: 1956.0/43

- sign -75.113+/-1.114 χ^2/NDF: 736.7/21

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 112.775+/-0.100 χ^2/NDF:505809.8/4

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

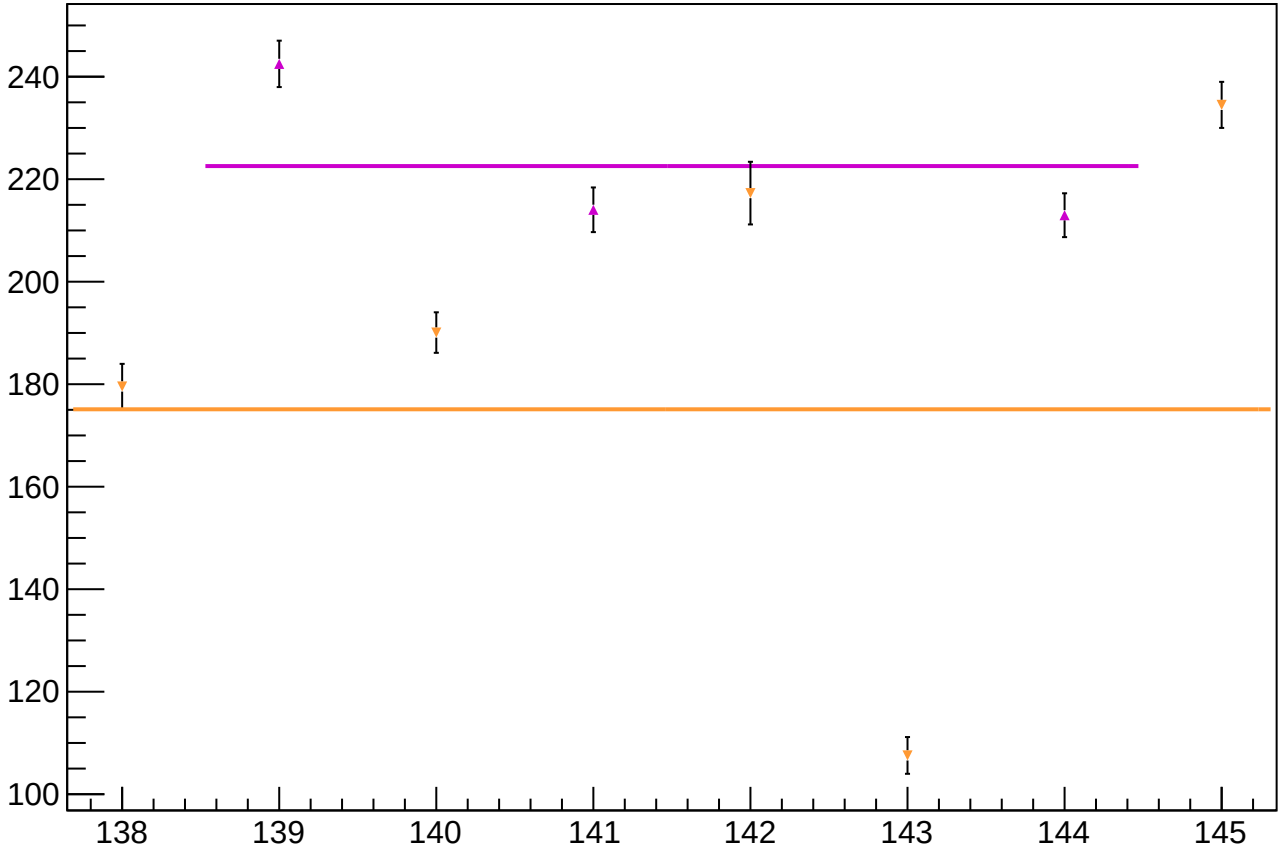
Left In: 151.584+/-0.123 χ^2/NDF:5406.3/2

+ sign 102.809+/-0.059 χ^2/NDF: 615581.2/21

All: 102.662+/-0.042 χ^2/NDF: 1052562.0/43

- sign 102.511+/-0.060 χ^2/NDF: 436968.2/21

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: 175.103+/-1.927 χ^2/NDF:592.5/4

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

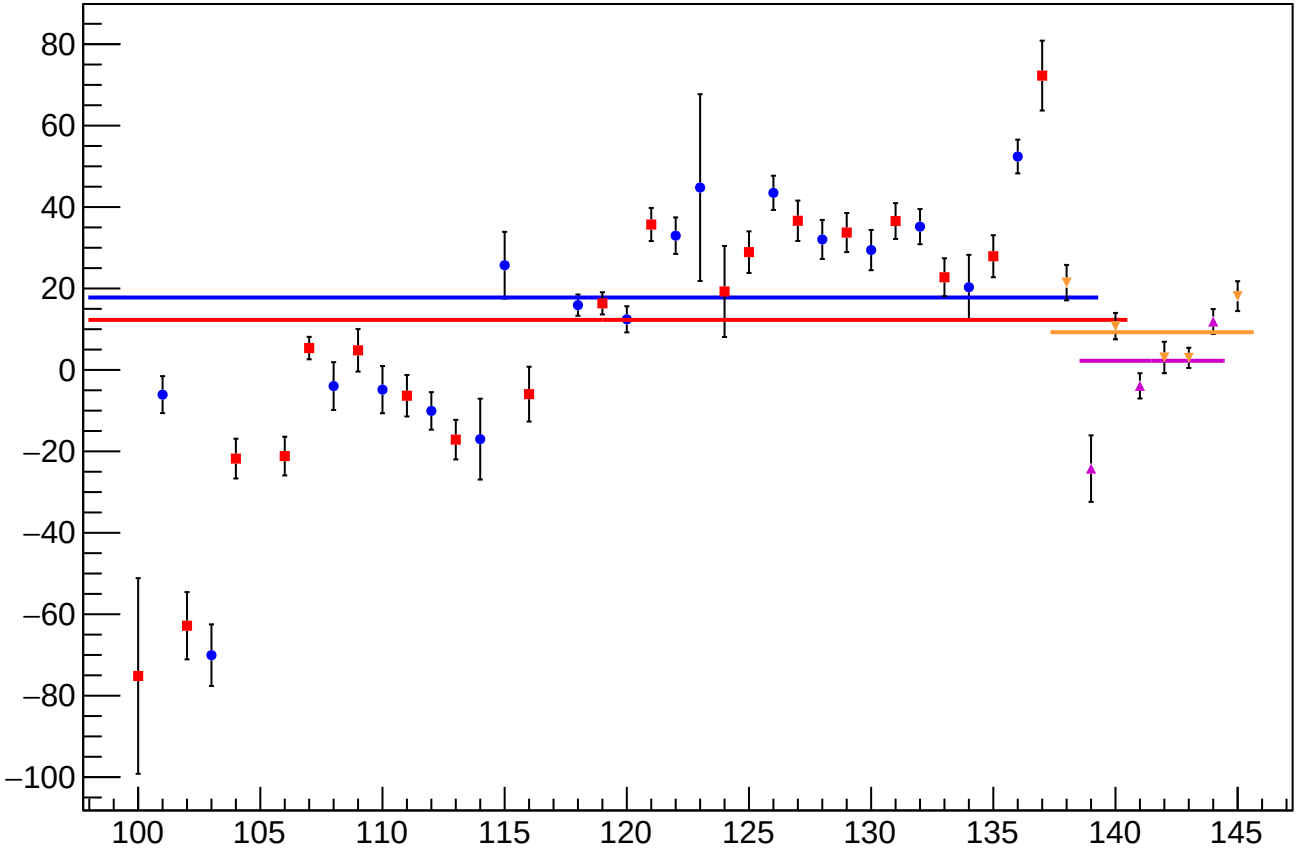
Left In: 222.561+/-2.531 χ^2/NDF:28.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 192.520+/-1.533 χ^2/NDF: 843.4/7

- 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: 9.264+/-1.486 χ^2/NDF:22.9/4

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

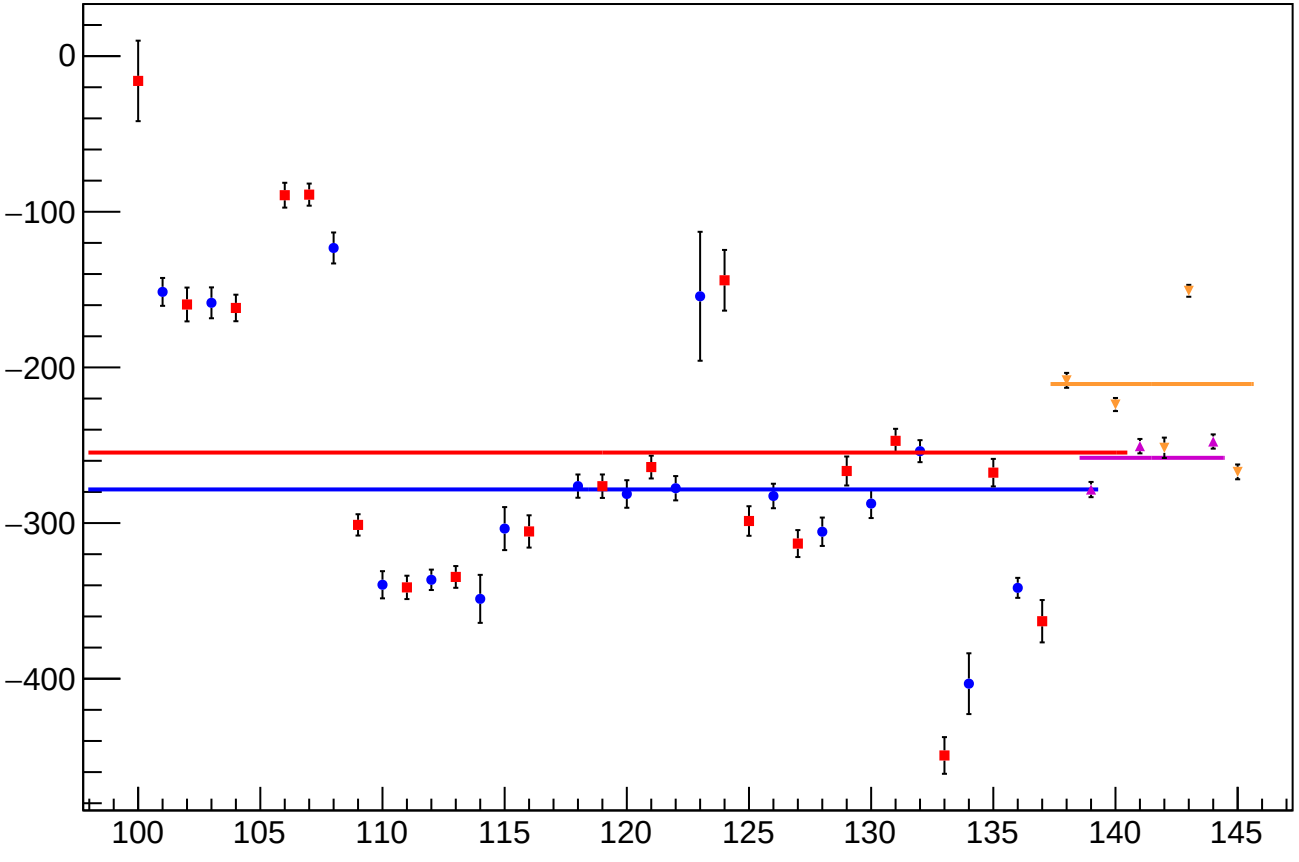
Left In: 2.243+/-2.103 χ^2/NDF:24.4/2

+ sign 14.607+/-0.908 χ^2/NDF: 438.7/21

All: 12.528+/-0.661 χ^2/NDF: 936.0/43

- sign 10.178+/-0.965 χ^2/NDF: 486.2/21

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: -210.662+/-2.059 χ^2/NDF:434.9/4

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

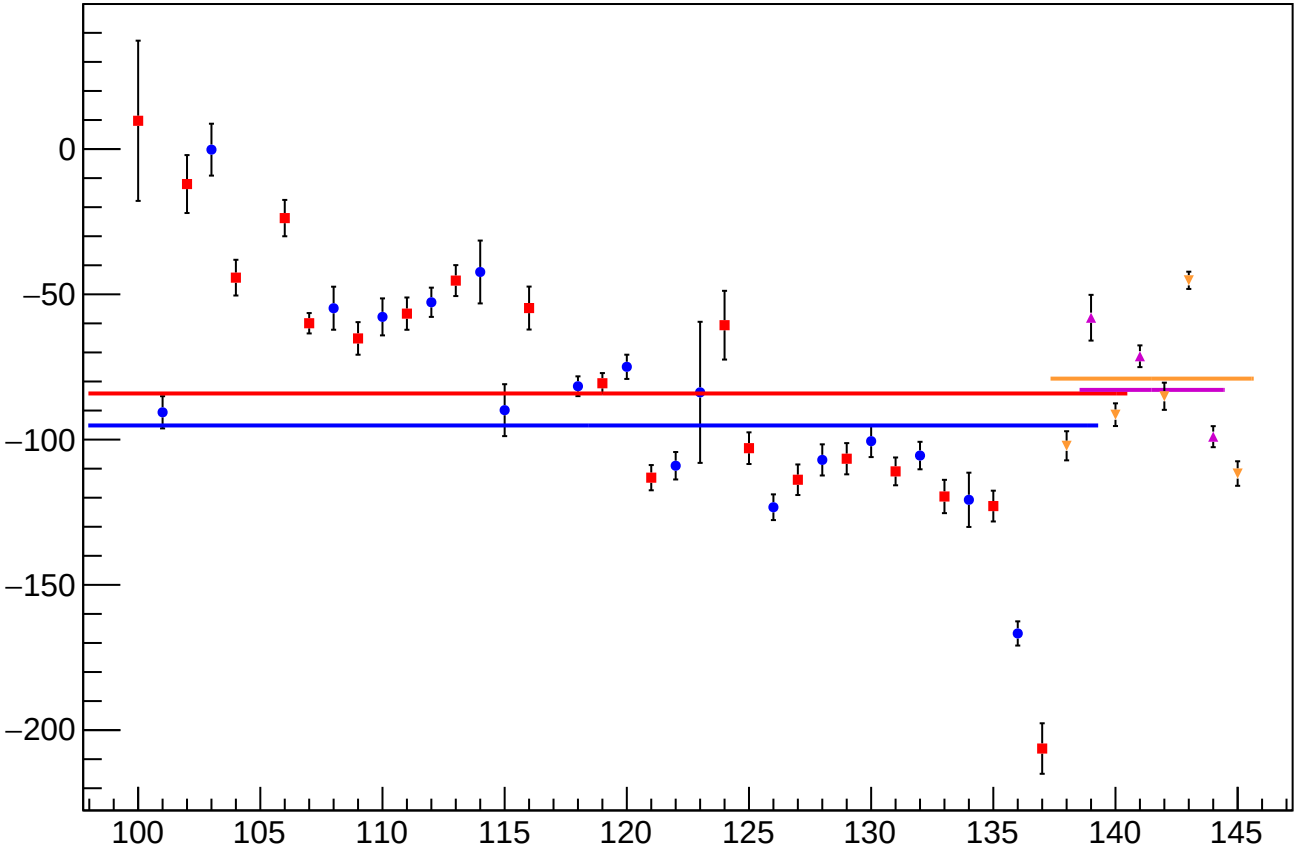
Left In: -258.086+/-2.712 χ^2/NDF:25.2/2

+ sign -242.790+/-1.493 χ^2/NDF: 1858.6/21

All: -248.815+/-1.098 χ^2/NDF: 3958.8/43

- sign -255.910+/-1.620 χ^2/NDF: 2064.7/21

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: -79.012+/-1.766 χ^2/NDF:222.9/4

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

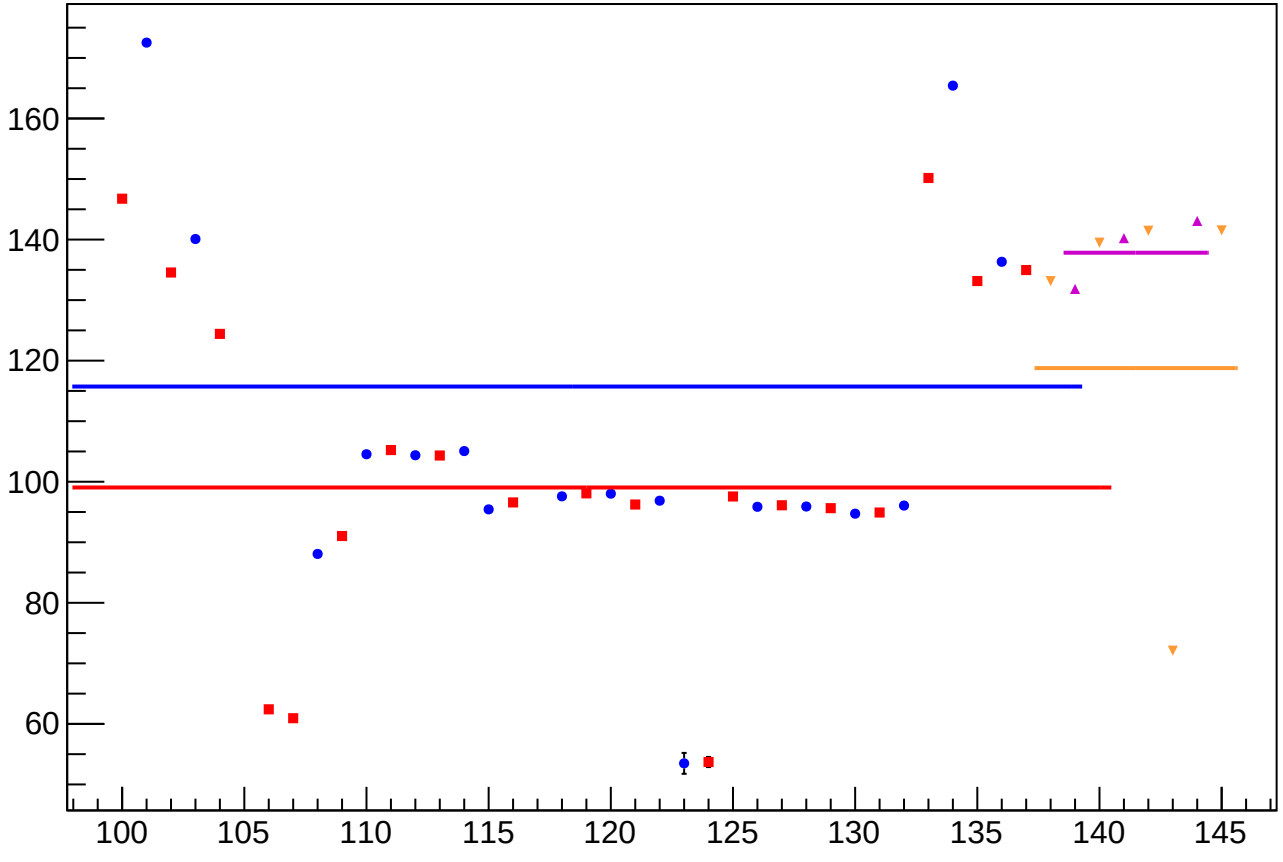
Left In: -82.891+/-2.469 χ^2/NDF:39.4/2

+ sign -89.342+/-1.059 χ^2/NDF: 951.2/21

All: -86.763+/-0.770 χ^2/NDF: 1786.3/43

- sign -83.870+/-1.121 χ^2/NDF: 822.4/21

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: 118.769+/-0.084 χ^2/NDF:133133.3/4

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

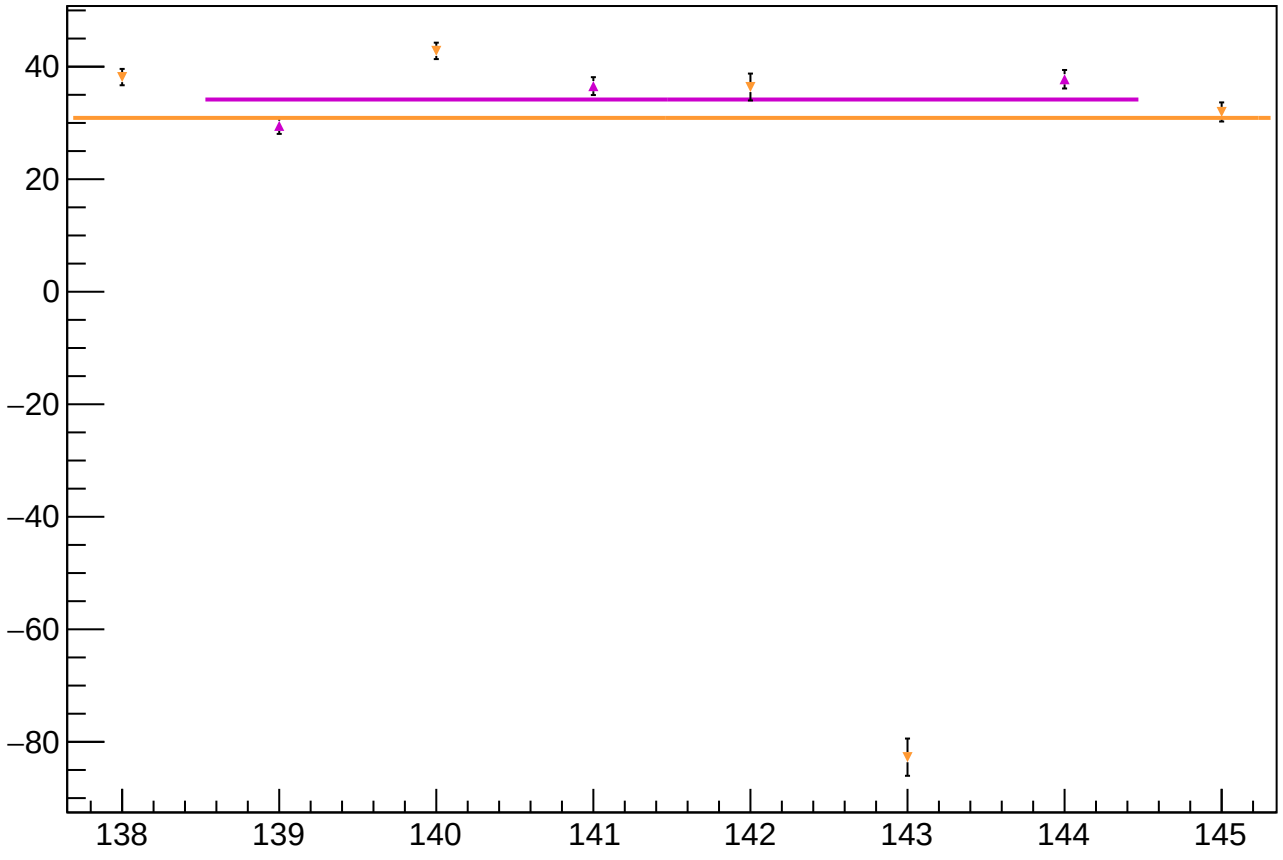
Left In: 137.827+/-0.107 χ^2/NDF:2048.0/2

+ sign 117.138+/-0.057 χ^2/NDF: 240229.9/21

All: 113.747+/-0.041 χ^2/NDF: 515651.6/43

- sign 110.275+/-0.058 χ^2/NDF: 268276.6/21

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: 30.897+/-0.801 χ^2/NDF:1275.2/4

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

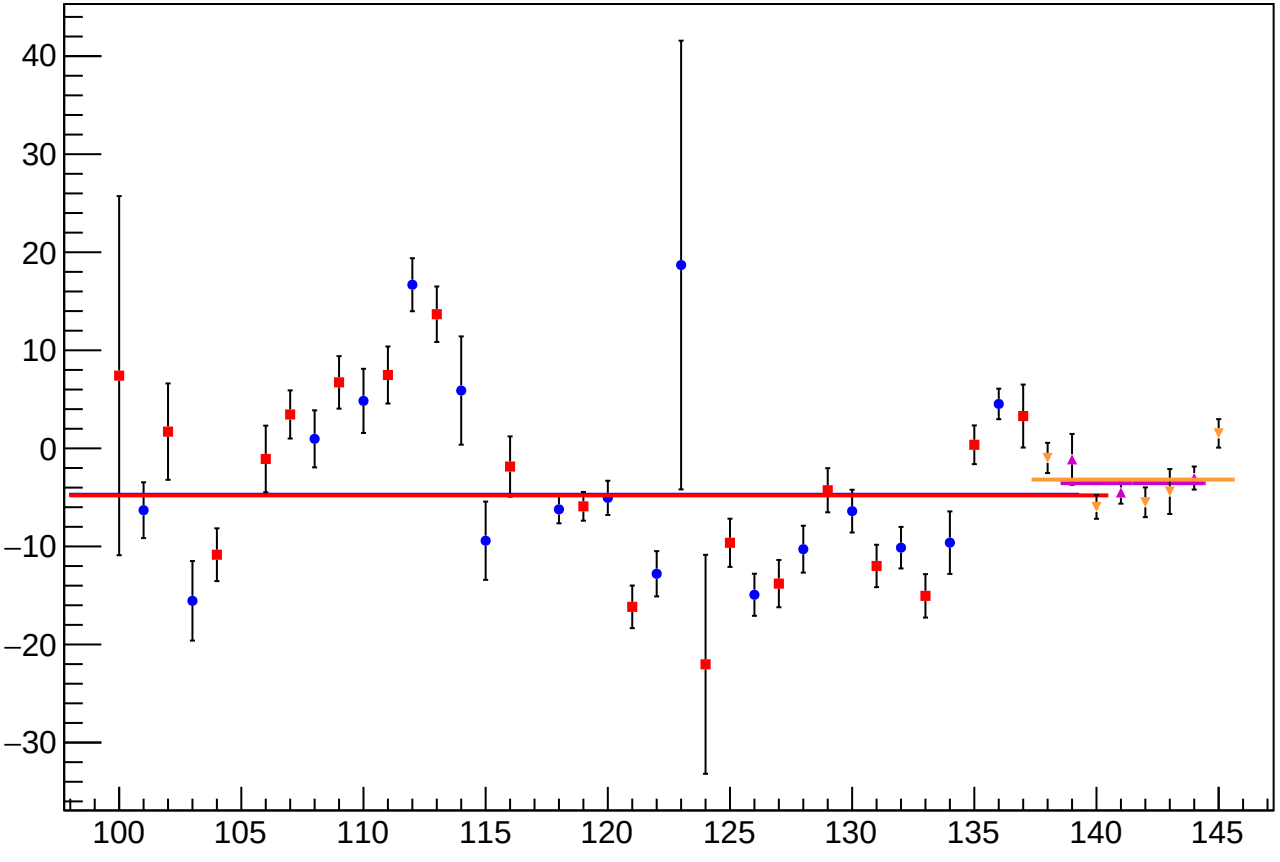
Left In: 34.165+/-0.893 χ^2/NDF:17.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 32.355+/-0.596 χ^2/NDF: 1300.4/7

- 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: -3.185+/-0.673 χ^2/NDF:20.6/4

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

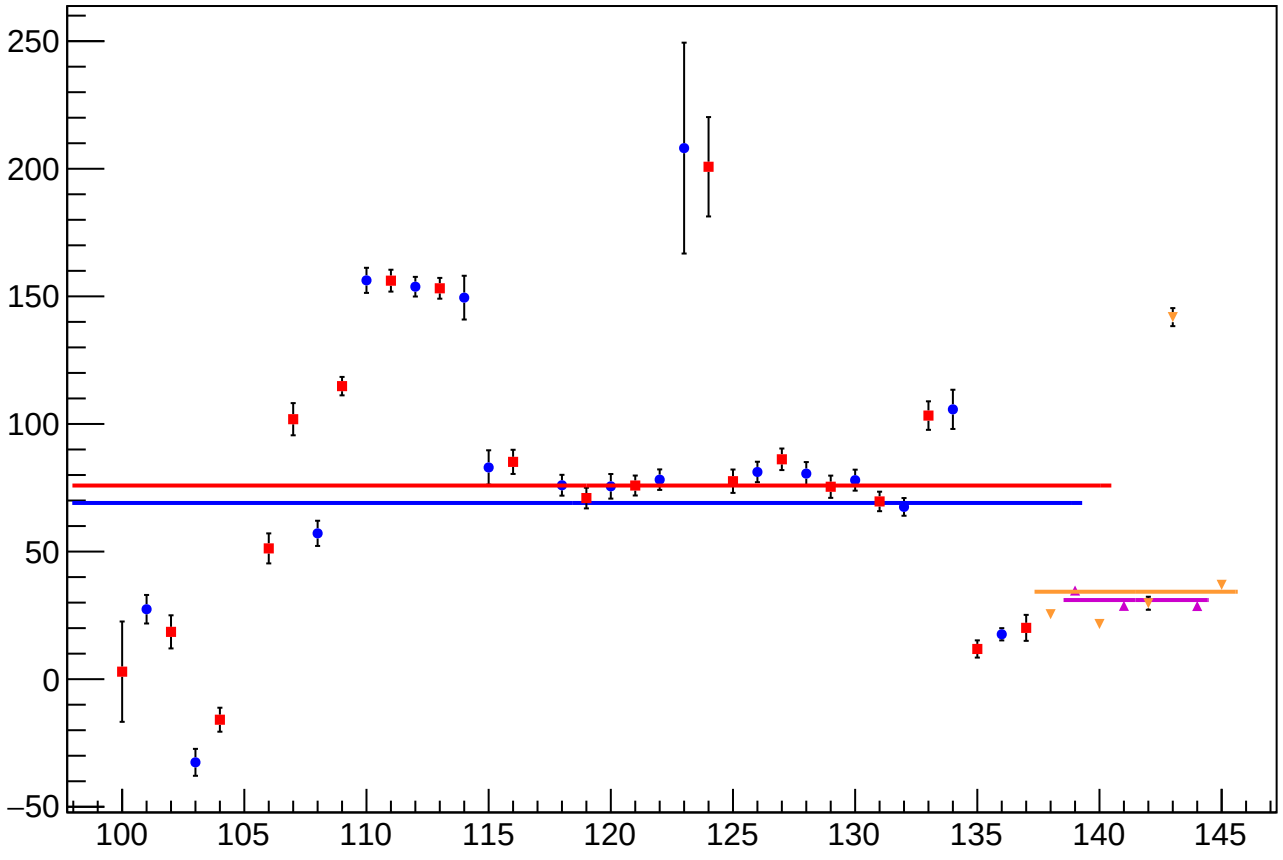
Left In: -3.545+/-0.779 χ^2/NDF:1.8/2

+ sign -4.072+/-0.439 χ^2/NDF: 198.4/21

All: -4.198+/-0.320 χ^2/NDF: 395.5/43

- sign -4.342+/-0.468 χ^2/NDF: 196.9/21

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: 34.265+/-0.855 χ^2/NDF:1030.0/4

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

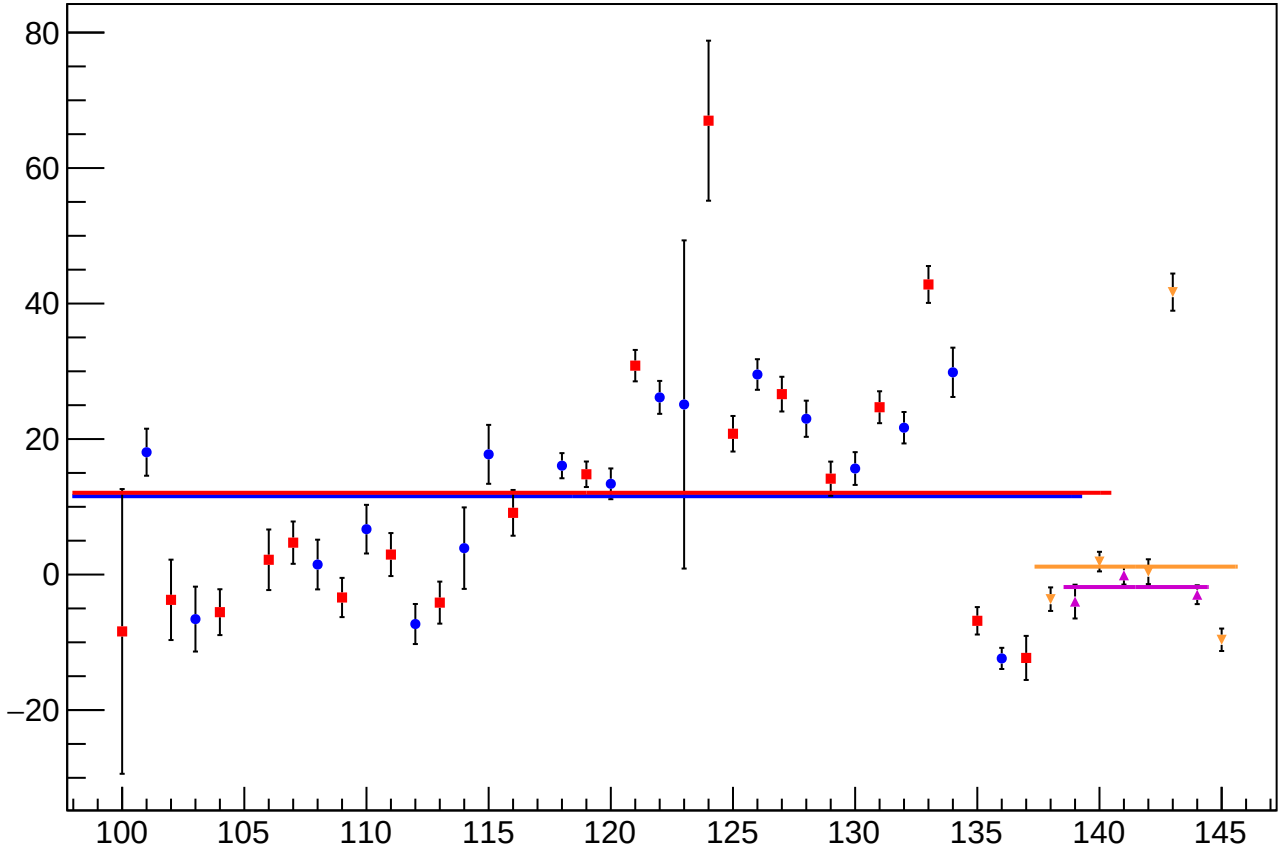
Left In: 31.008+/-0.957 χ^2/NDF:9.4/2

+ sign 47.714+/-0.669 χ^2/NDF: 3518.1/21

All: 49.238+/-0.488 χ^2/NDF: 6410.7/43

- sign 50.967+/-0.713 χ^2/NDF: 2881.6/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565+/-0.658 χ^2/NDF: 478.2/16

Left Out: 1.170+/-0.789 χ^2/NDF:268.7/4

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

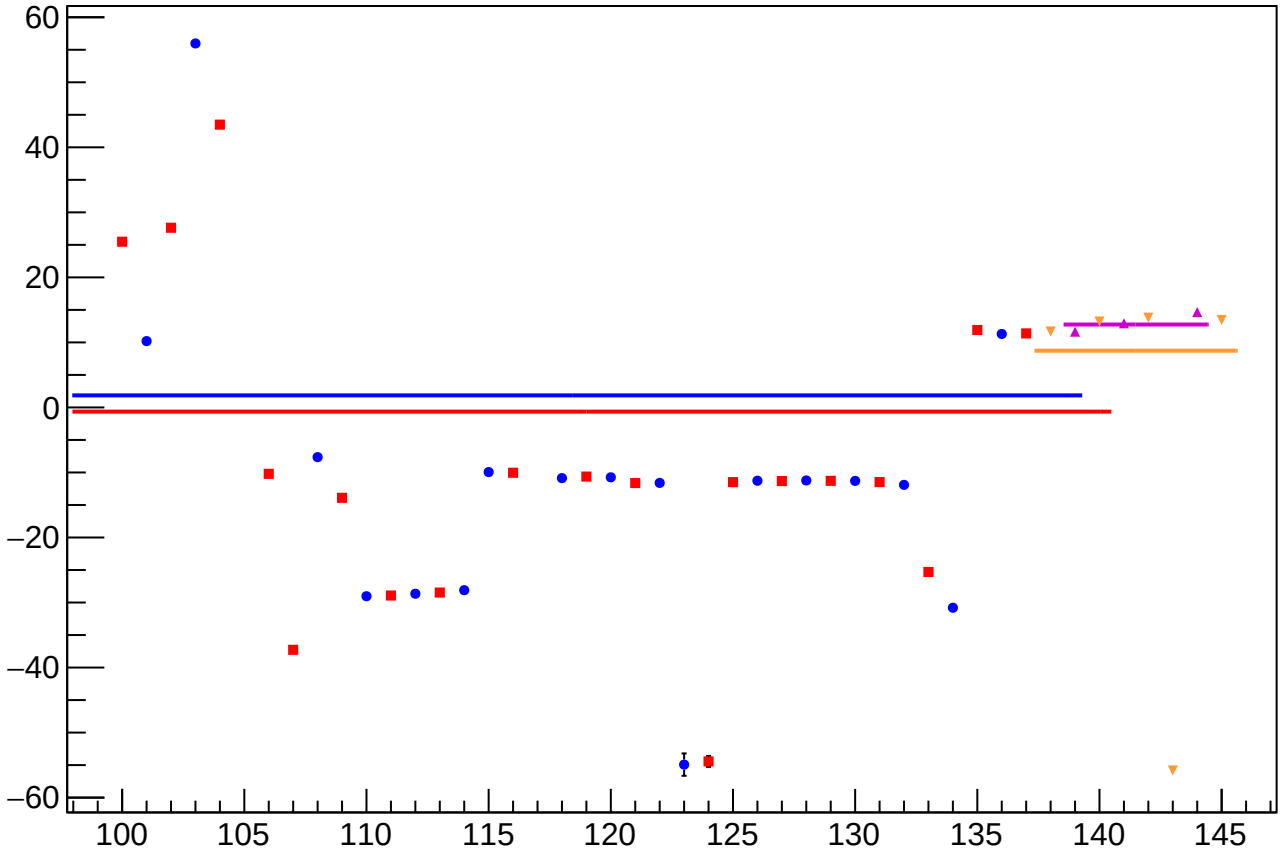
Left In: -1.840+/-0.907 χ^2/NDF:3.0/2

+ sign 7.301+/-0.506 χ^2/NDF: 849.2/21

All: 7.260+/-0.368 χ^2/NDF: 1548.6/43

- sign 7.213+/-0.536 χ^2/NDF: 699.4/21

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: 8.728+/-0.035 χ^2/NDF:221684.5/4

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

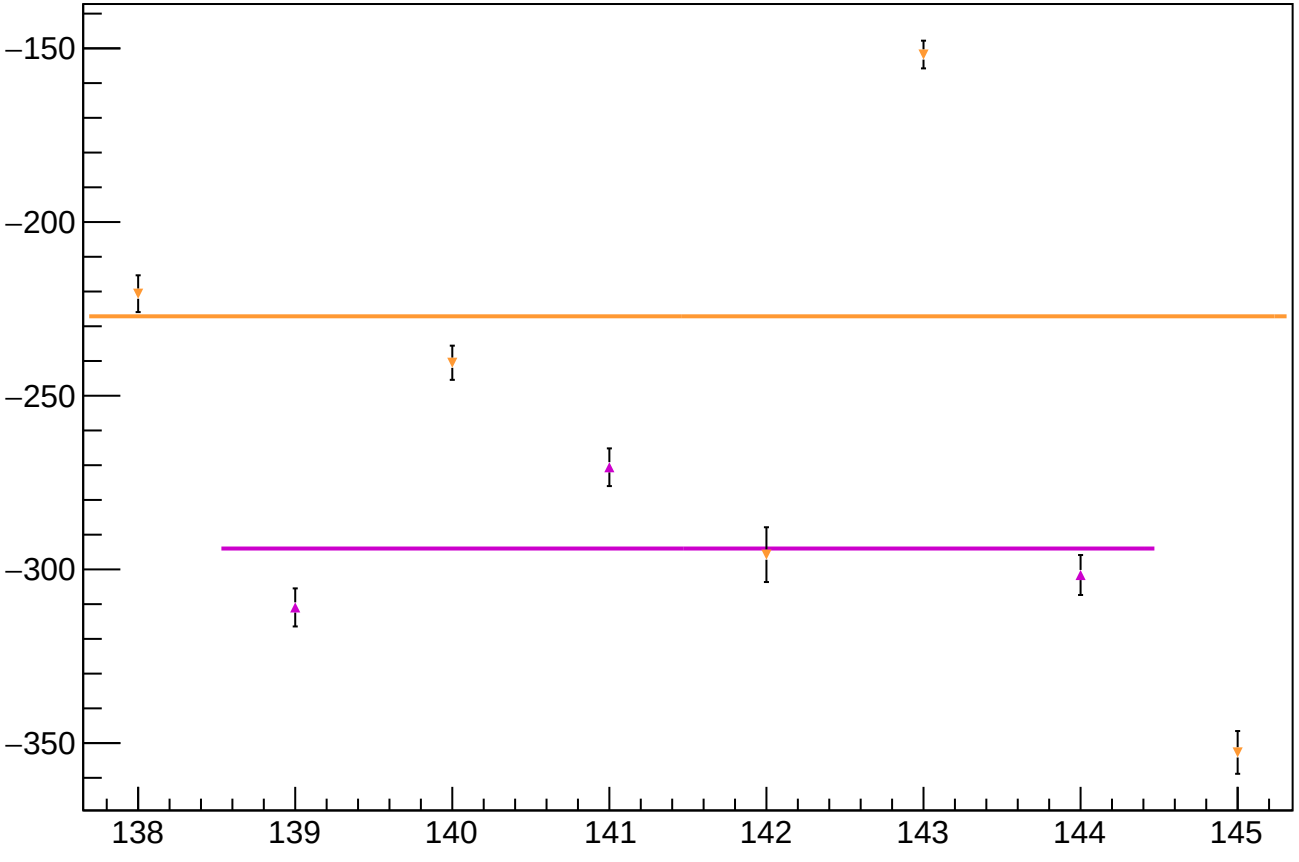
Left In: 12.750+/-0.037 χ^2/NDF:1028.0/2

+ sign 5.523+/-0.025 χ^2/NDF: 599513.2/21

All: 5.758+/-0.018 χ^2/NDF: 1027291.4/43

- sign 6.012+/-0.026 χ^2/NDF: 427598.1/21

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: -227.137+/-2.342 χ^2/NDF:857.3/4

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

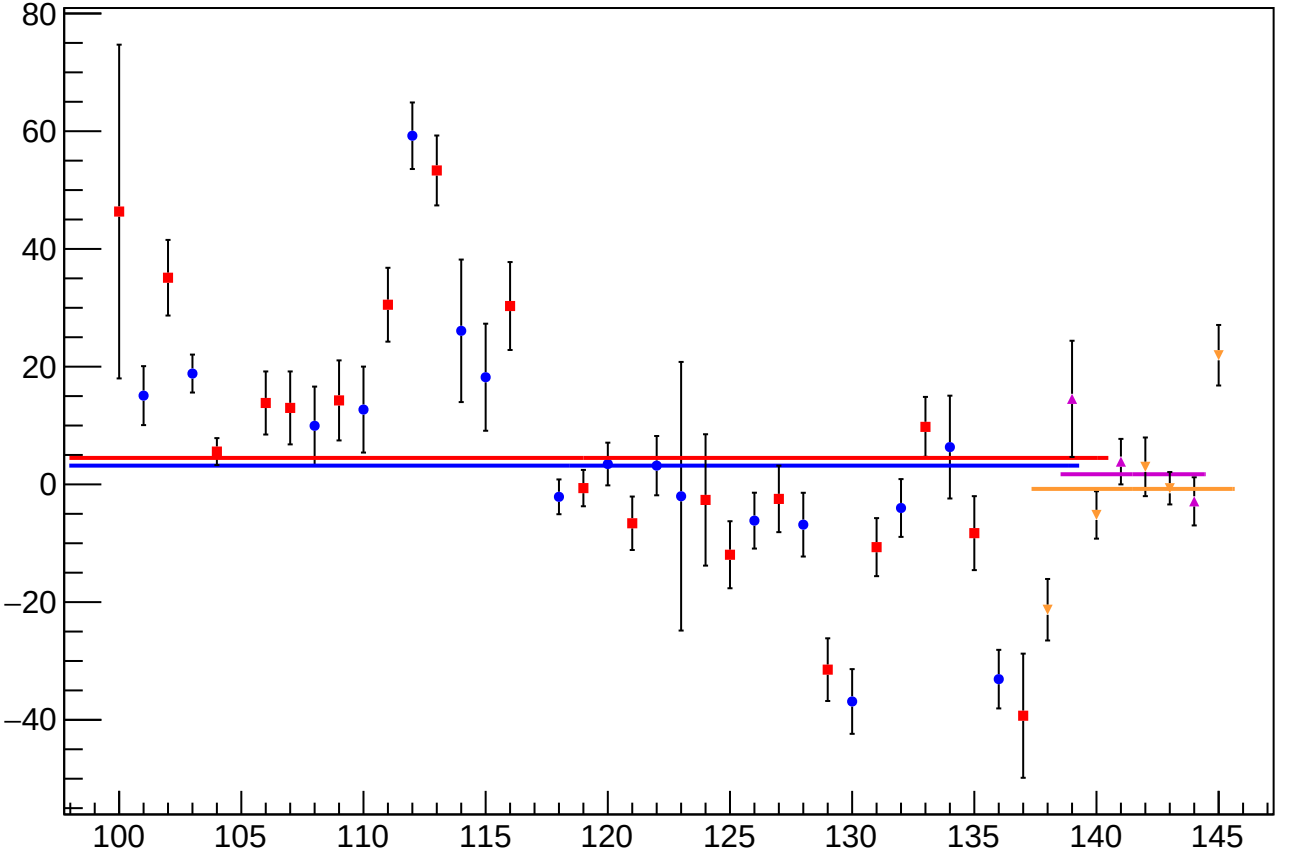
Left In: -293.987+/-3.203 χ^2/NDF:29.9/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -250.432+/-1.891 χ^2/NDF: 1171.1/7

- 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: -0.766+/-1.801 χ^2/NDF:36.7/4

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

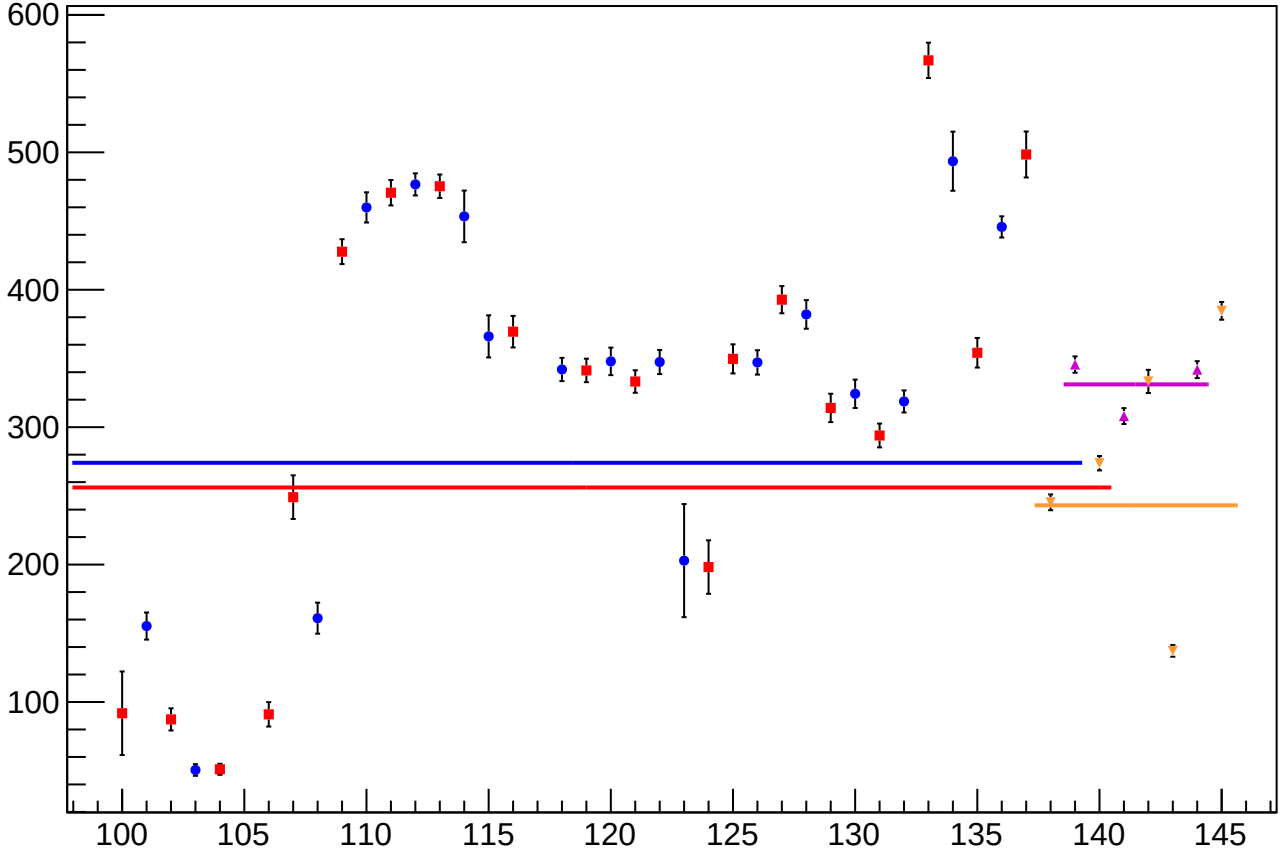
Left In: 1.725+/-2.702 χ^2/NDF:3.3/2

+ sign 1.937+/-1.013 χ^2/NDF: 295.6/21

All: 2.948+/-0.734 χ^2/NDF: 527.3/43

- sign 4.066+/-1.066 χ^2/NDF: 229.6/21

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: 243.125+/-2.500 χ^2/NDF:1247.7/4

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

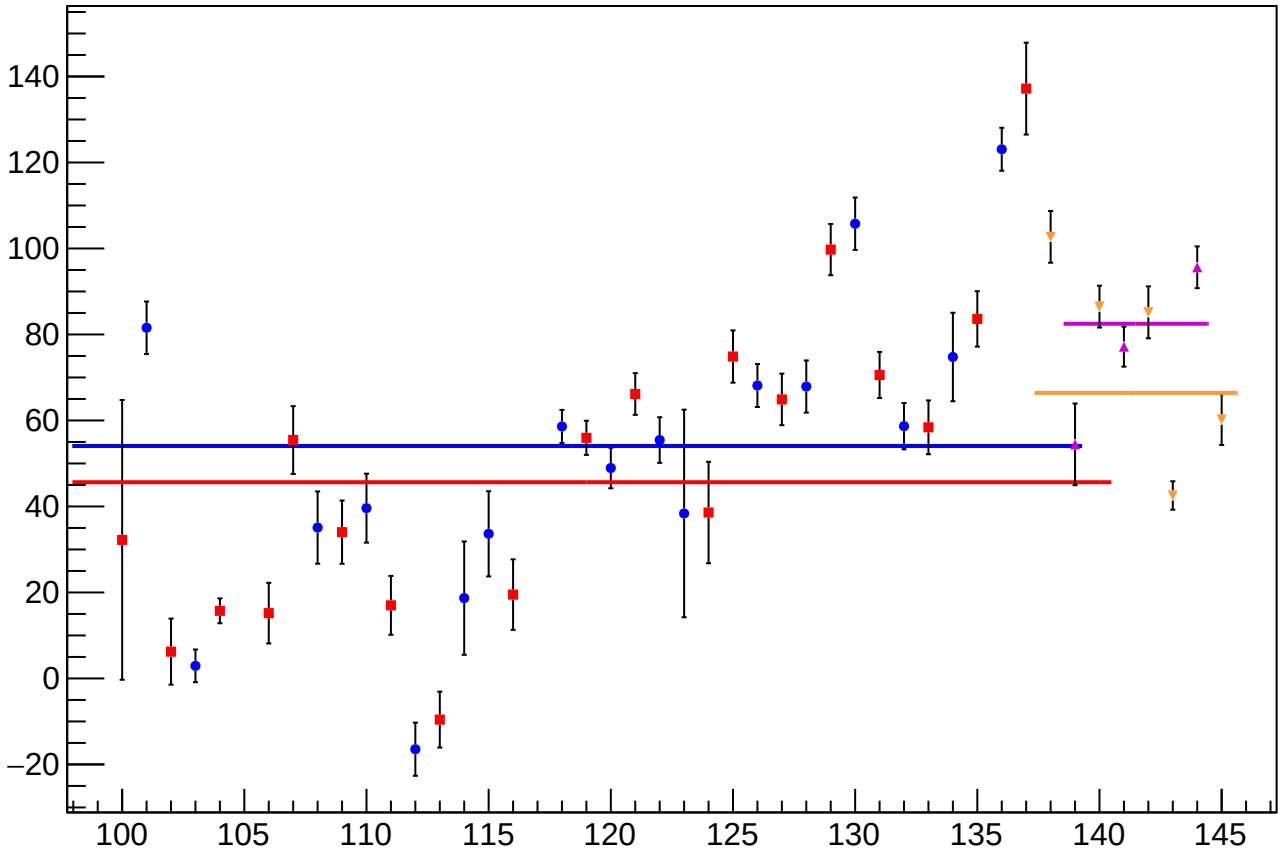
Left In: 331.138+/-3.433 χ^2/NDF:24.9/2

+ sign 260.634+/-1.648 χ^2/NDF: 6446.3/21

All: 267.849+/-1.209 χ^2/NDF: 13306.3/43

- sign 276.260+/-1.779 χ^2/NDF: 6818.4/21

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: 66.411+/-2.143 χ^2/NDF:116.4/4

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

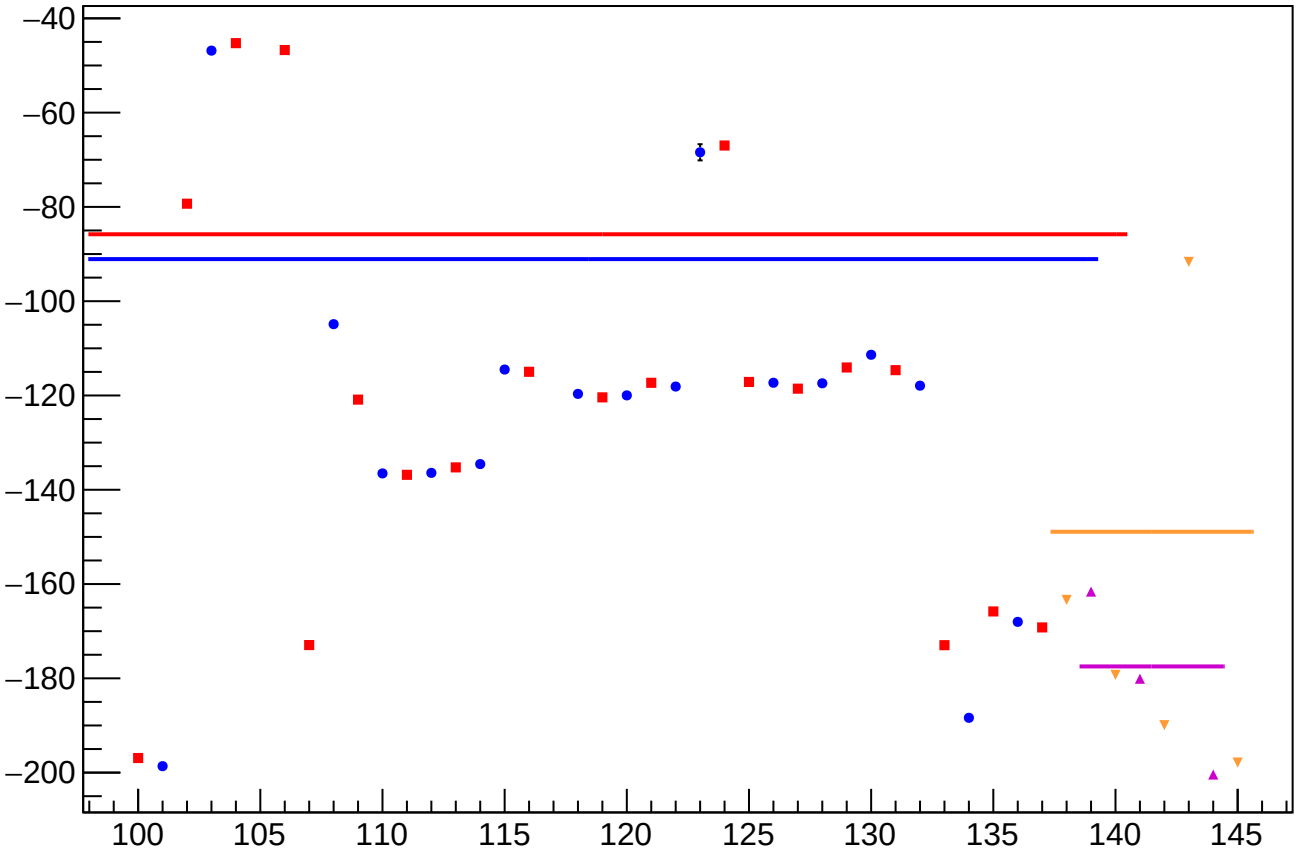
Left In: 82.494+/-3.168 χ^2/NDF:17.3/2

+ sign 57.834+/-1.184 χ^2/NDF: 773.8/21

All: 54.772+/-0.859 χ^2/NDF: 1450.4/43

- sign 51.364+/-1.249 χ^2/NDF: 662.4/21

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: -148.910+/-0.102 χ^2/NDF:185344.3/4

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

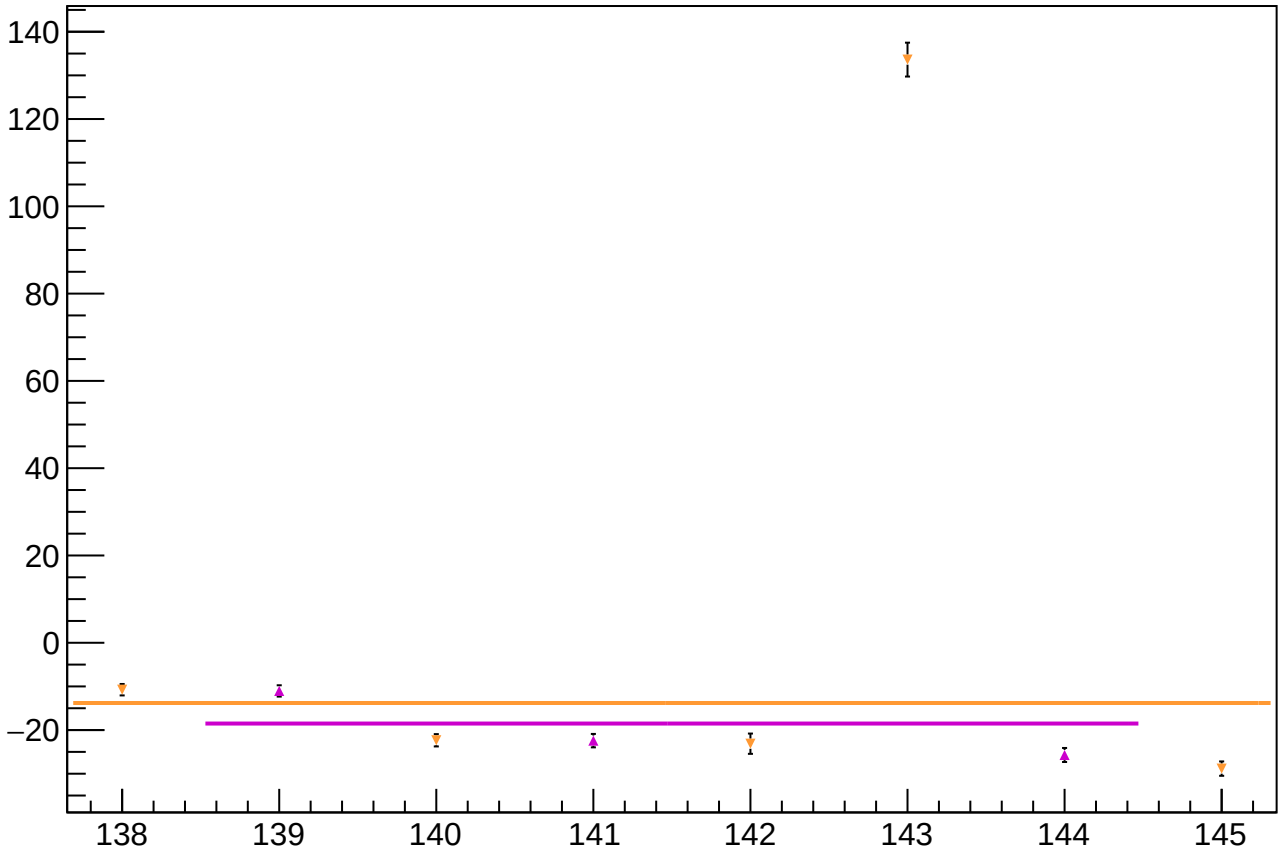
Left In: -177.475+/-0.135 χ^2/NDF:13143.6/2

+ sign -108.757+/-0.056 χ^2/NDF: 944256.0/21

All: -106.041+/-0.041 χ^2/NDF: 1832900.6/43

- sign -103.096+/-0.059 χ^2/NDF: 883789.0/21

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: -13.797+/-0.766 χ^2/NDF:1584.0/4

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

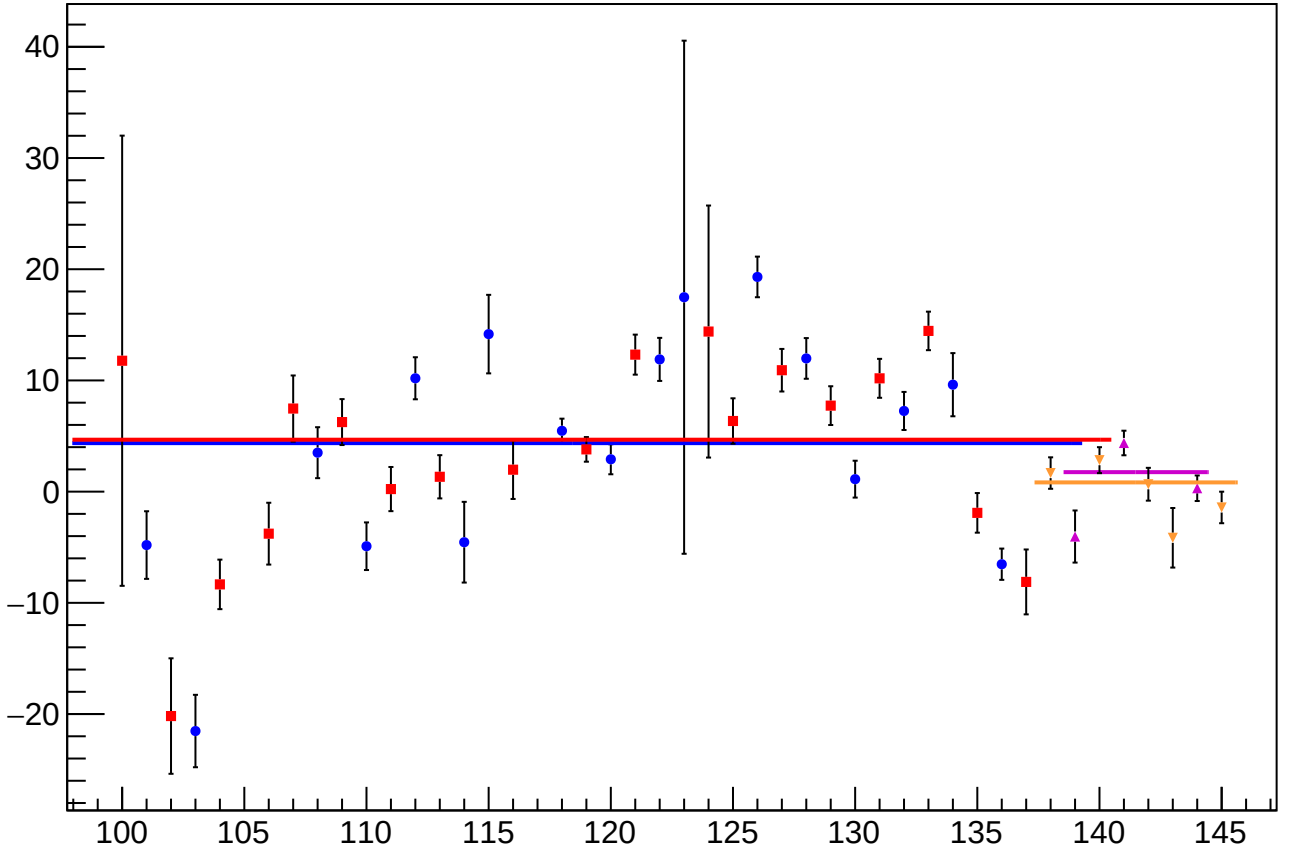
Left In: -18.506+/-0.844 χ^2/NDF:59.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.924+/-0.567 χ^2/NDF: 1660.8/7

- 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: 0.830+/-0.655 χ^2/NDF:9.3/4

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

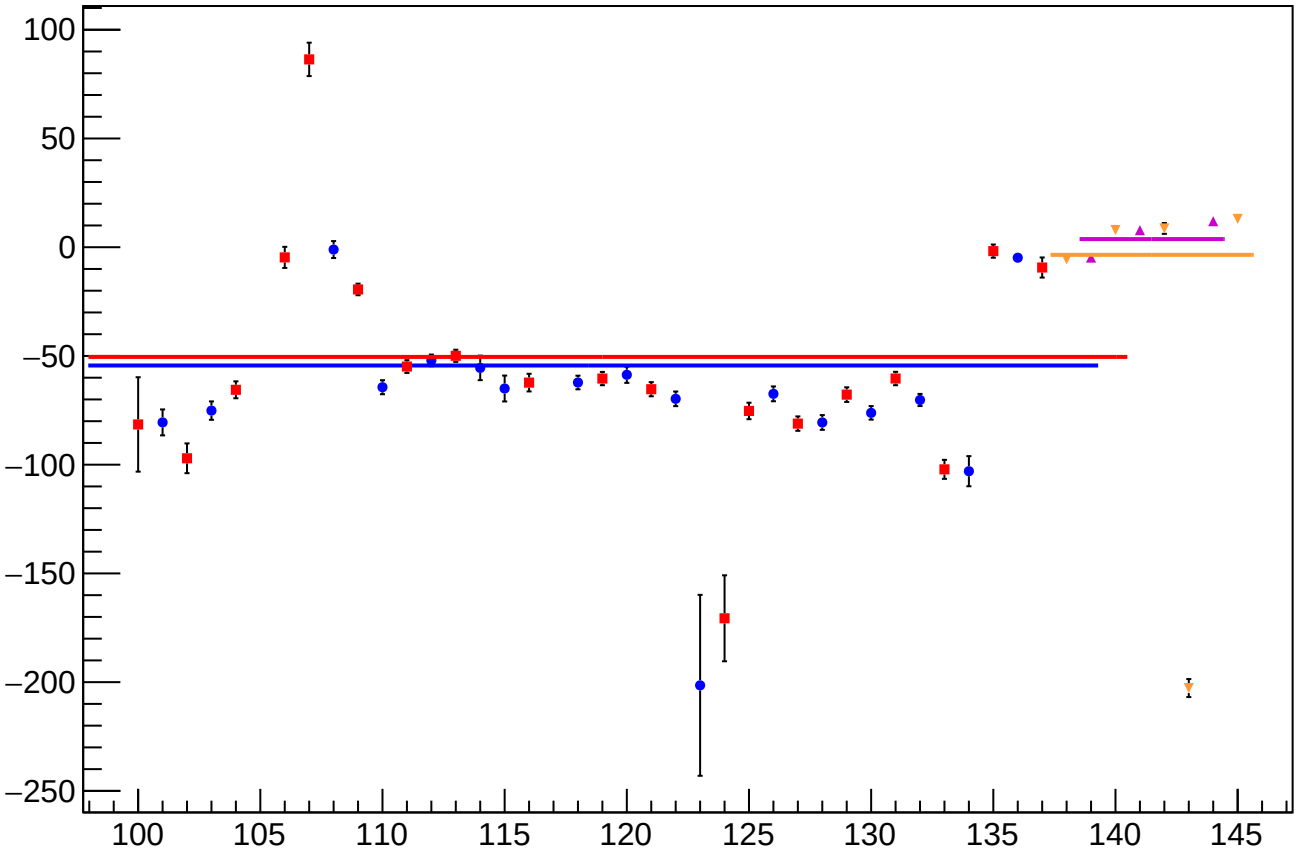
Left In: 1.753+/-0.754 χ^2/NDF:13.3/2

+ sign 3.180+/-0.379 χ^2/NDF: 315.1/21

All: 3.493+/-0.276 χ^2/NDF: 526.0/43

- sign 3.844+/-0.401 χ^2/NDF: 209.4/21

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: -3.510+/-0.818 χ^2/NDF:2489.2/4

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

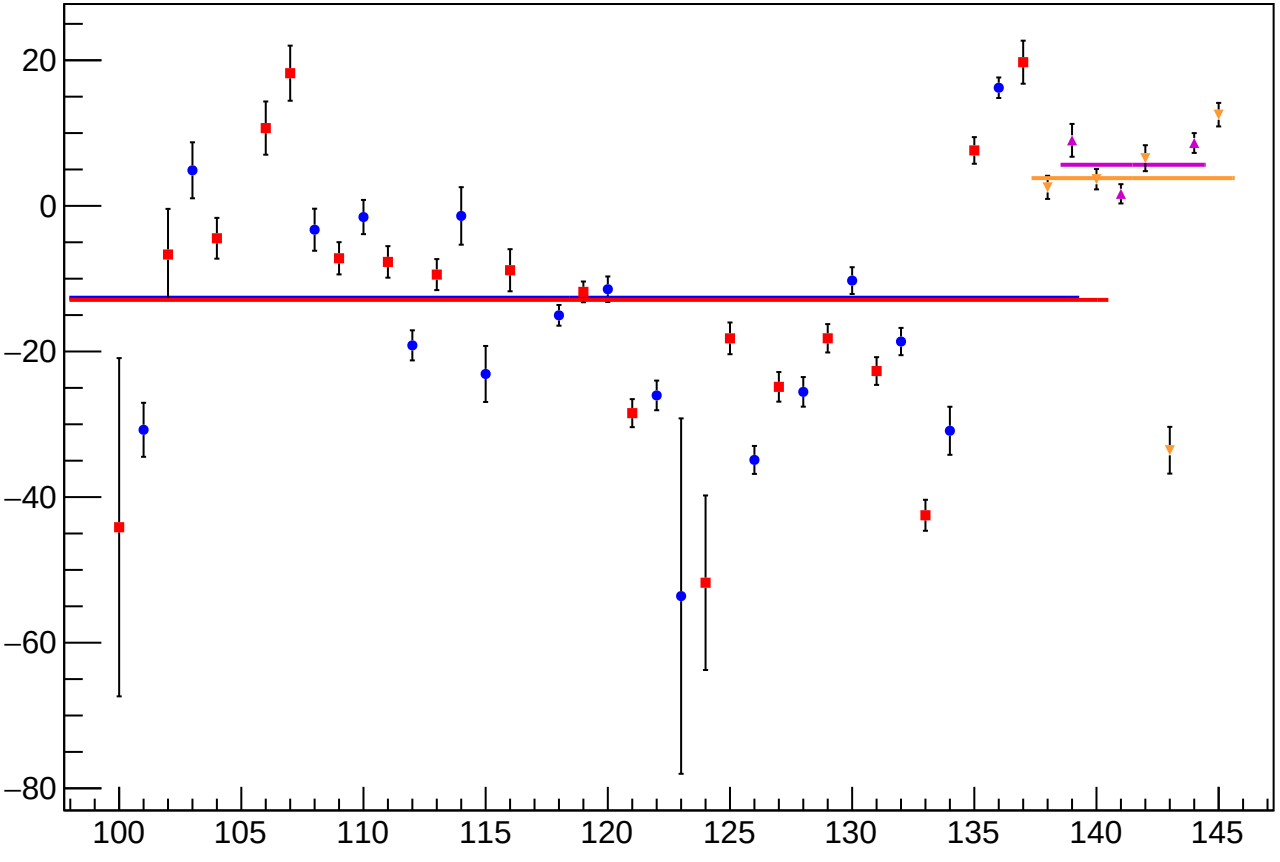
Left In: 3.736+/-0.906 χ^2/NDF:65.9/2

+ sign -27.598+/-0.593 χ^2/NDF: 5335.2/21

All: -26.284+/-0.430 χ^2/NDF: 8623.1/43

- sign -24.837+/-0.623 χ^2/NDF: 3277.6/21

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: 3.812+/-0.767 χ^2/NDF:167.5/4

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

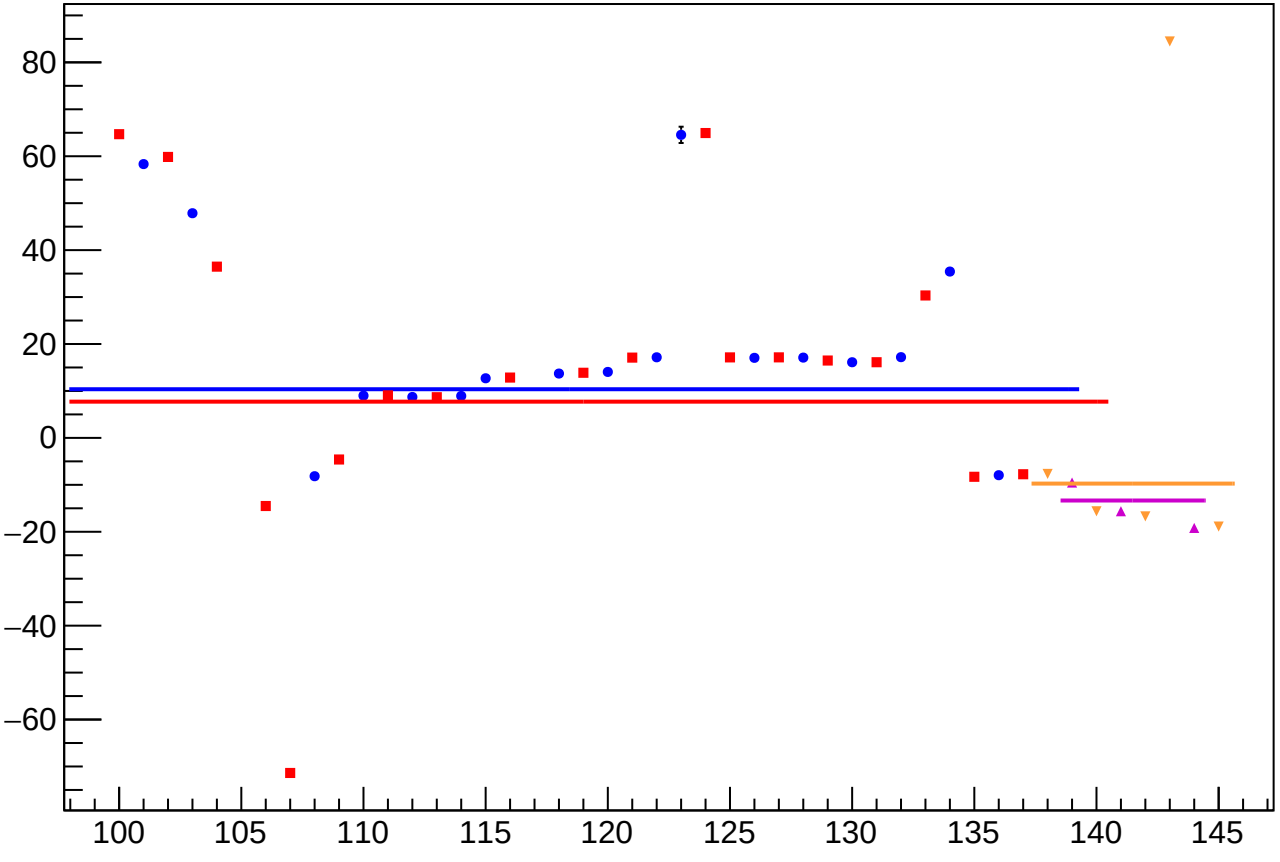
Left In: 5.646+/-0.875 χ^2/NDF:16.1/2

+ sign -7.301+/-0.436 χ^2/NDF: 1266.4/21

All: -7.546+/-0.316 χ^2/NDF: 2339.9/43

- sign -7.815+/-0.458 χ^2/NDF: 1072.9/21

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: -9.736+/-0.033 χ^2/NDF:354314.0/4

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

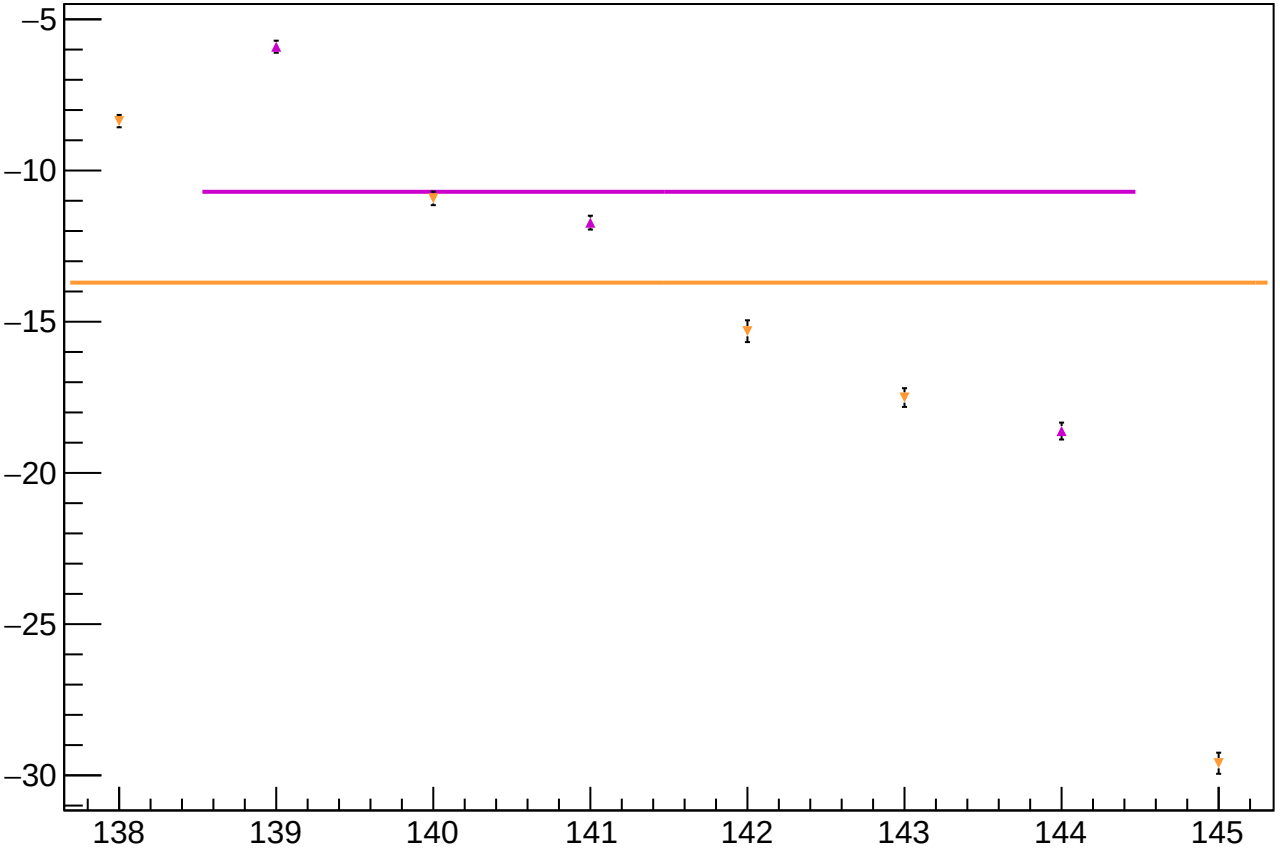
Left In: -13.340+/-0.035 χ^2/NDF:13206.6/2

+ sign 1.093+/-0.022 χ^2/NDF: 935220.7/21

All: -0.208+/-0.016 χ^2/NDF: 1701770.7/43

- sign -1.616+/-0.023 χ^2/NDF: 759536.7/21

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -13.707+/-0.120 χ^2/NDF:3075.5/4

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

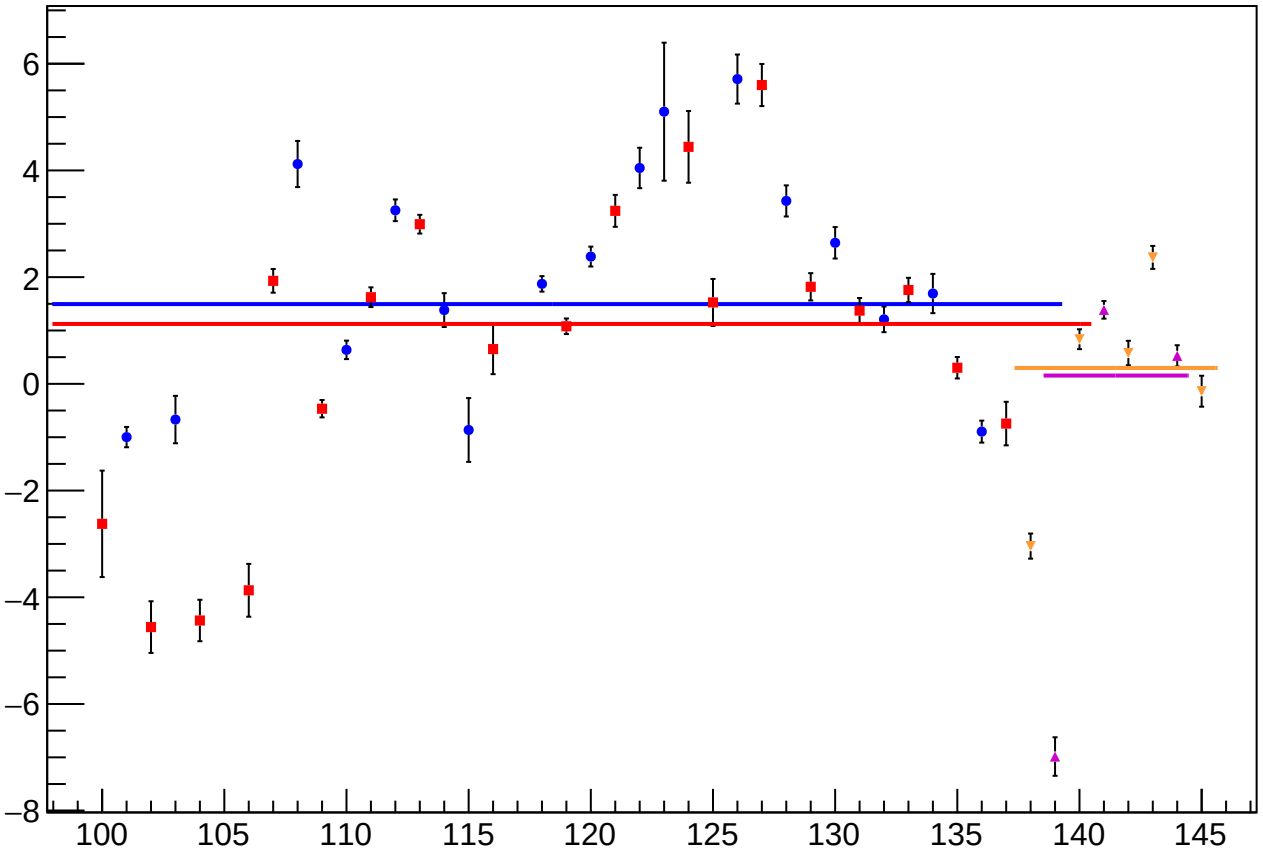
Left In: -10.703+/-0.132 χ^2/NDF:1396.7/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.359+/-0.089 χ^2/NDF: 4755.5/7

- 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: 0.298+/-0.100 χ^2/NDF:305.7/4

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

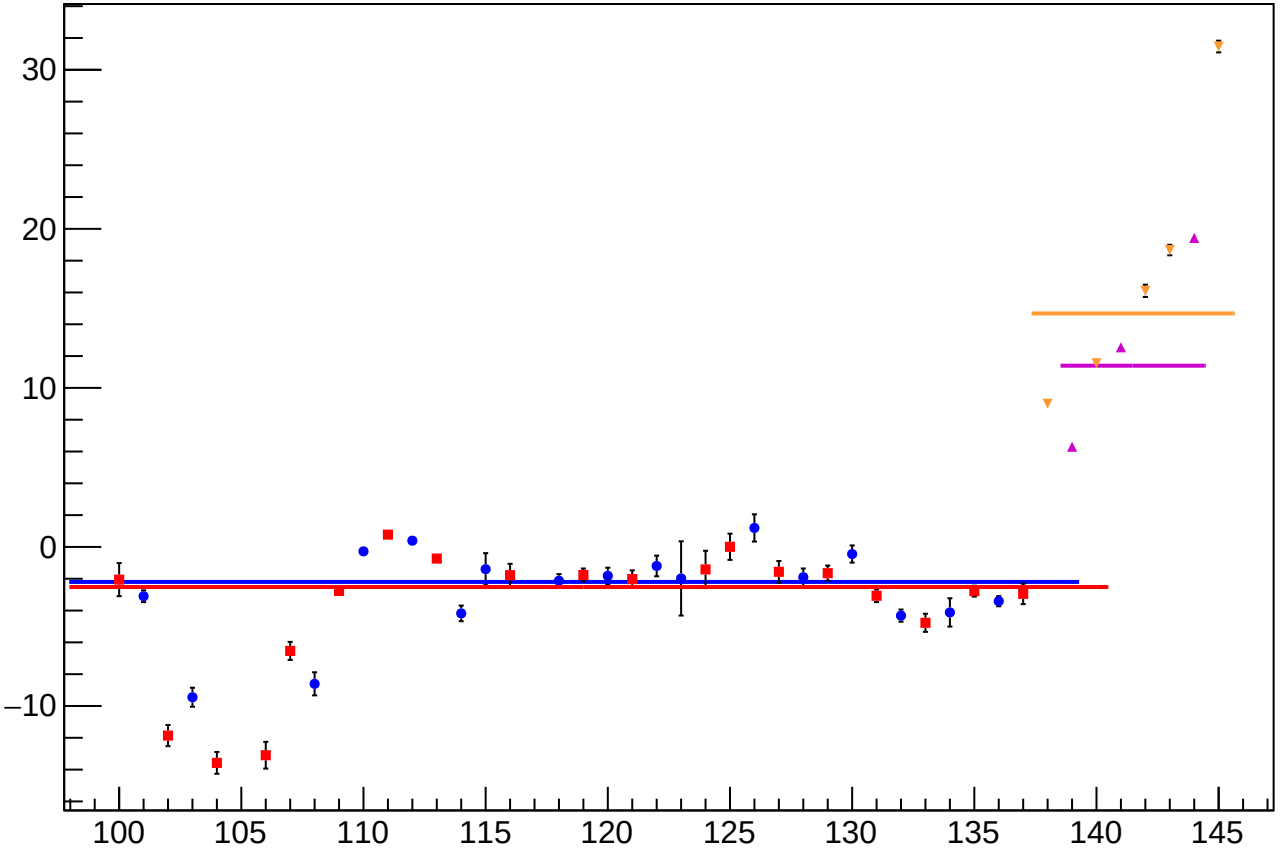
Left In: 0.156+/-0.120 χ^2/NDF:450.5/2

+ sign 1.172+/-0.052 χ^2/NDF: 1118.3/21

All: 1.055+/-0.037 χ^2/NDF: 2578.1/43

- sign 0.938+/-0.052 χ^2/NDF: 1449.8/21

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 14.680+/-0.128 χ^2/NDF:3049.8/4

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

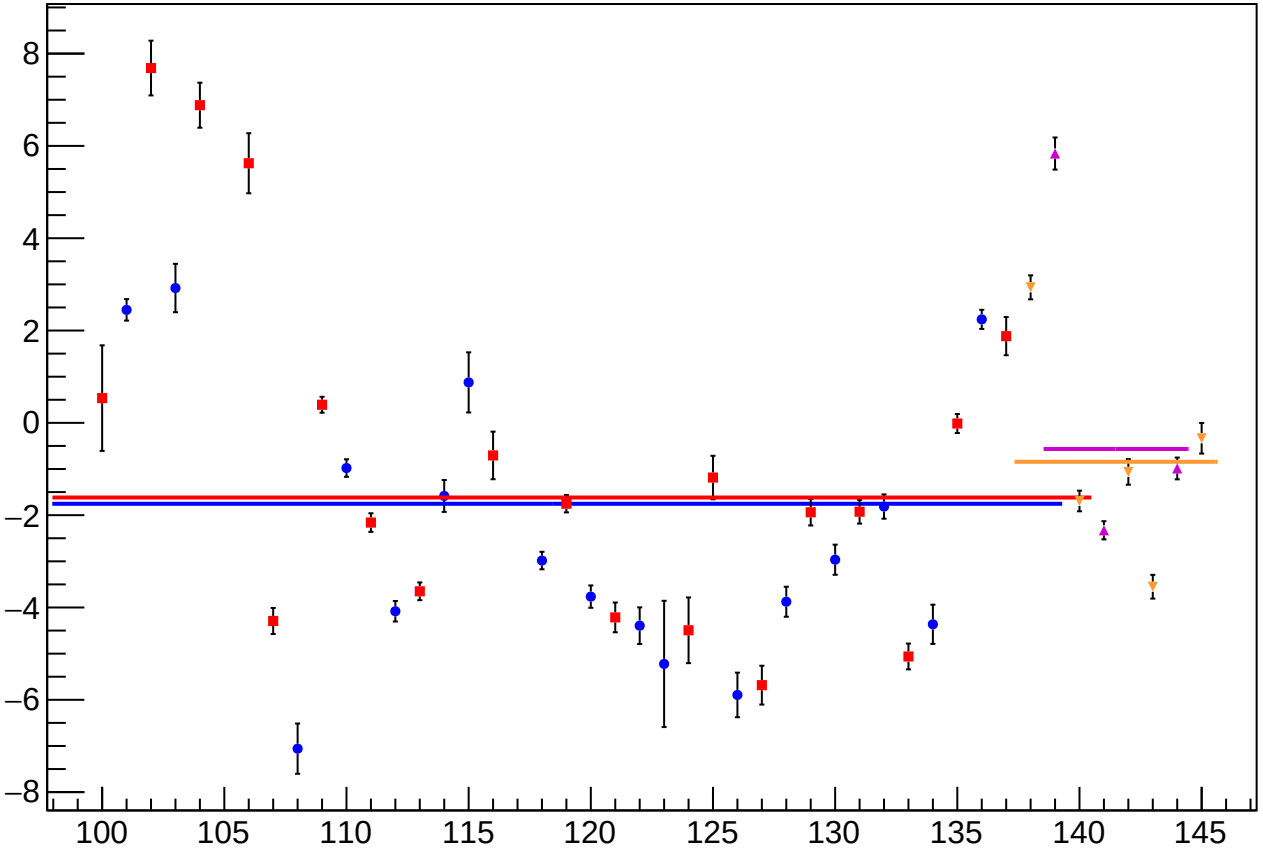
Left In: 11.396+/-0.142 χ^2/NDF:1300.2/2

+ sign 5.003+/-0.084 χ^2/NDF: 13452.8/21

All: 3.468+/-0.058 χ^2/NDF: 22767.4/43

- sign 2.024+/-0.081 χ^2/NDF: 8662.6/21

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -0.844+/-0.118 χ^2/NDF:339.7/4

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

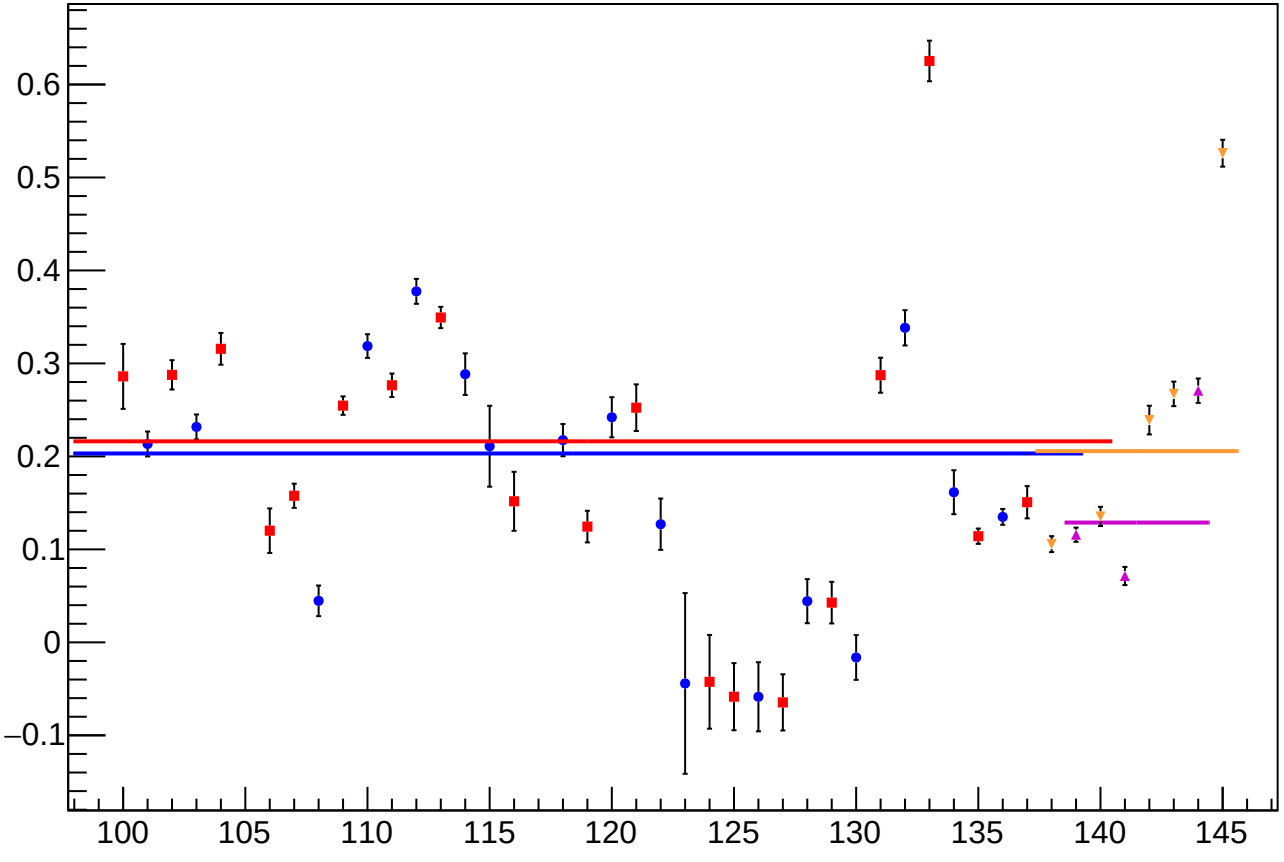
Left In: -0.566+/-0.139 χ^2/NDF:421.5/2

+ sign -1.514+/-0.060 χ^2/NDF: 1728.6/21

All: -1.469+/-0.042 χ^2/NDF: 3685.7/43

- sign -1.425+/-0.059 χ^2/NDF: 1956.0/21

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.206+/-0.005 χ^2/NDF:701.4/4

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

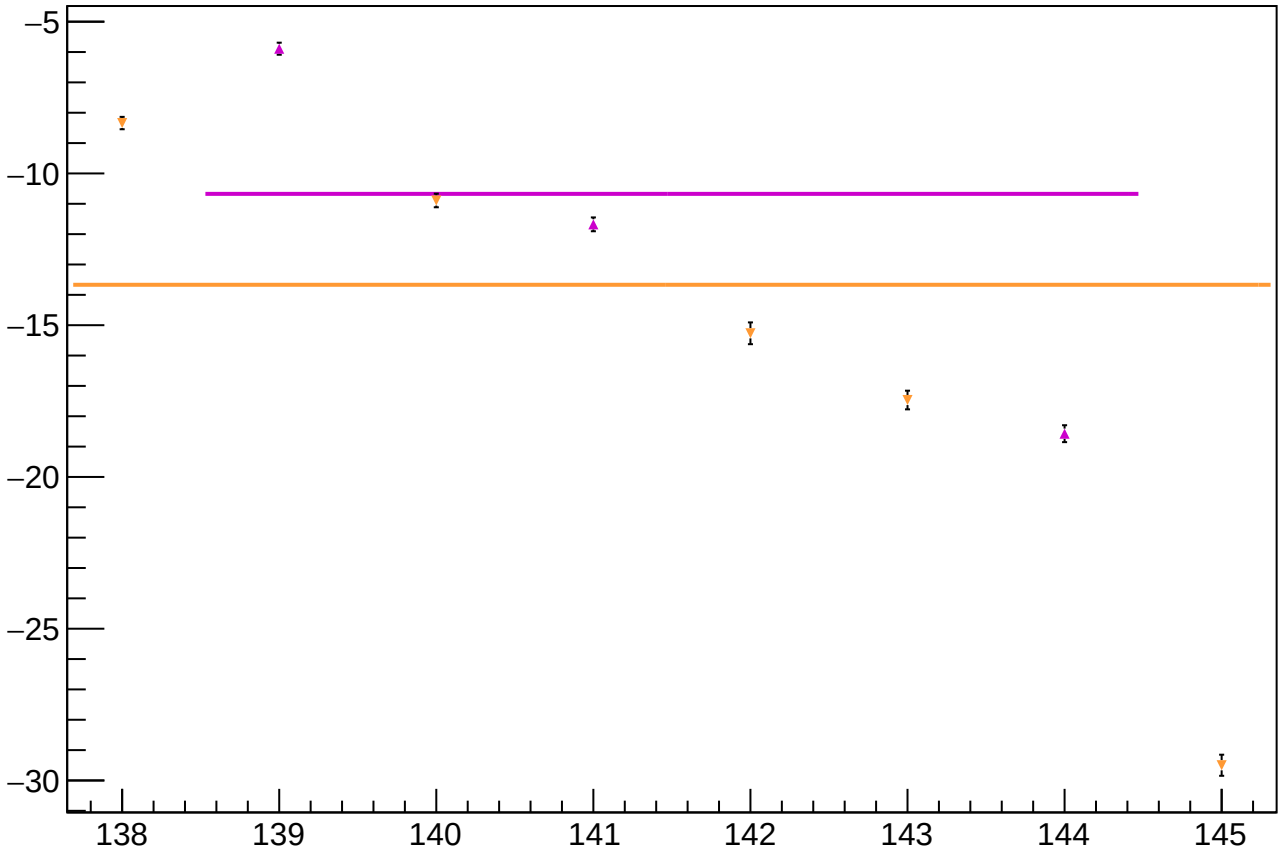
Left In: 0.129+/-0.005 χ^2/NDF:154.7/2

+ sign 0.204+/-0.003 χ^2/NDF: 1378.7/21

All: 0.196+/-0.002 χ^2/NDF: 2788.0/43

- sign 0.189+/-0.003 χ^2/NDF: 1397.5/21

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -13.668+/-0.119 χ^2/NDF:3082.7/4

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

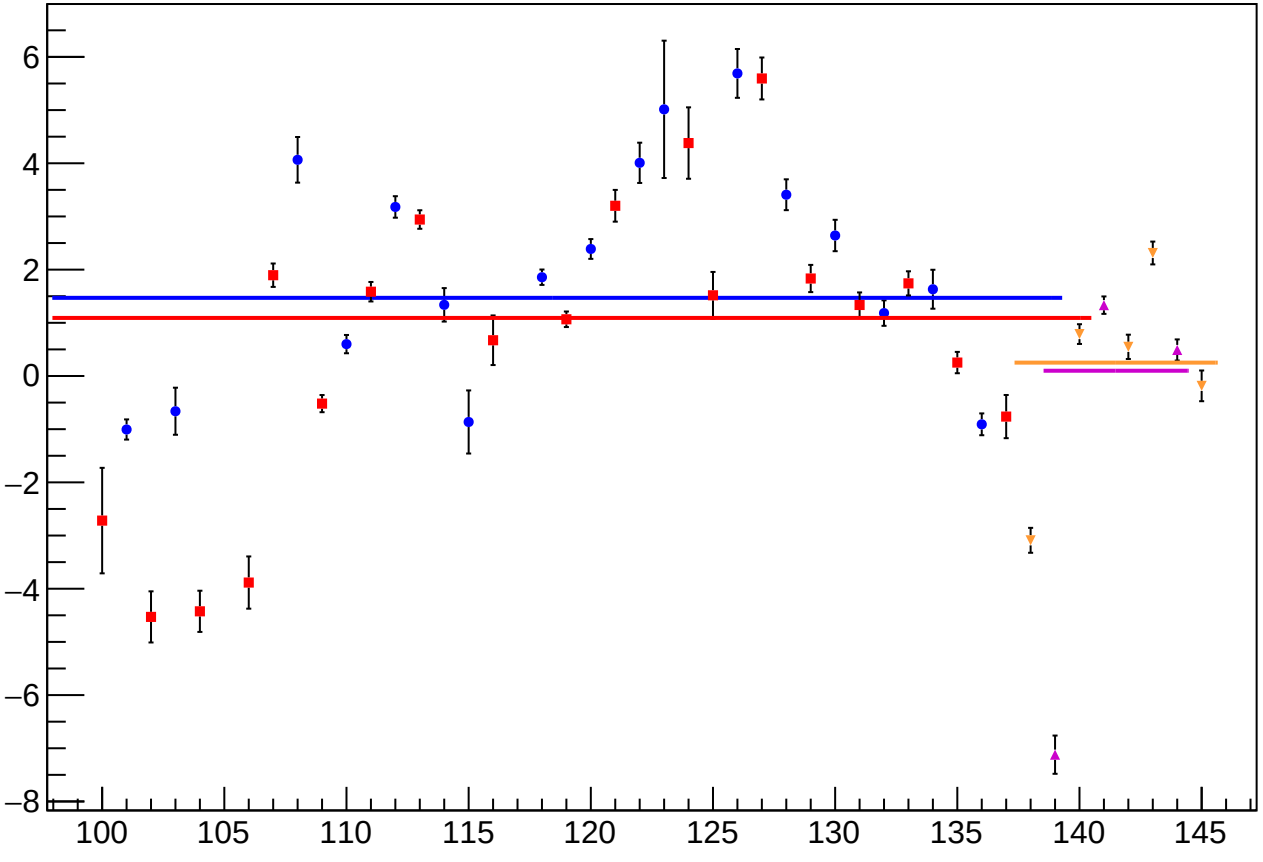
Left In: -10.673+/-0.132 χ^2/NDF:1402.8/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.324+/-0.088 χ^2/NDF: 4769.7/7

- 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: 0.252+/-0.100 χ^2/NDF:307.9/4

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

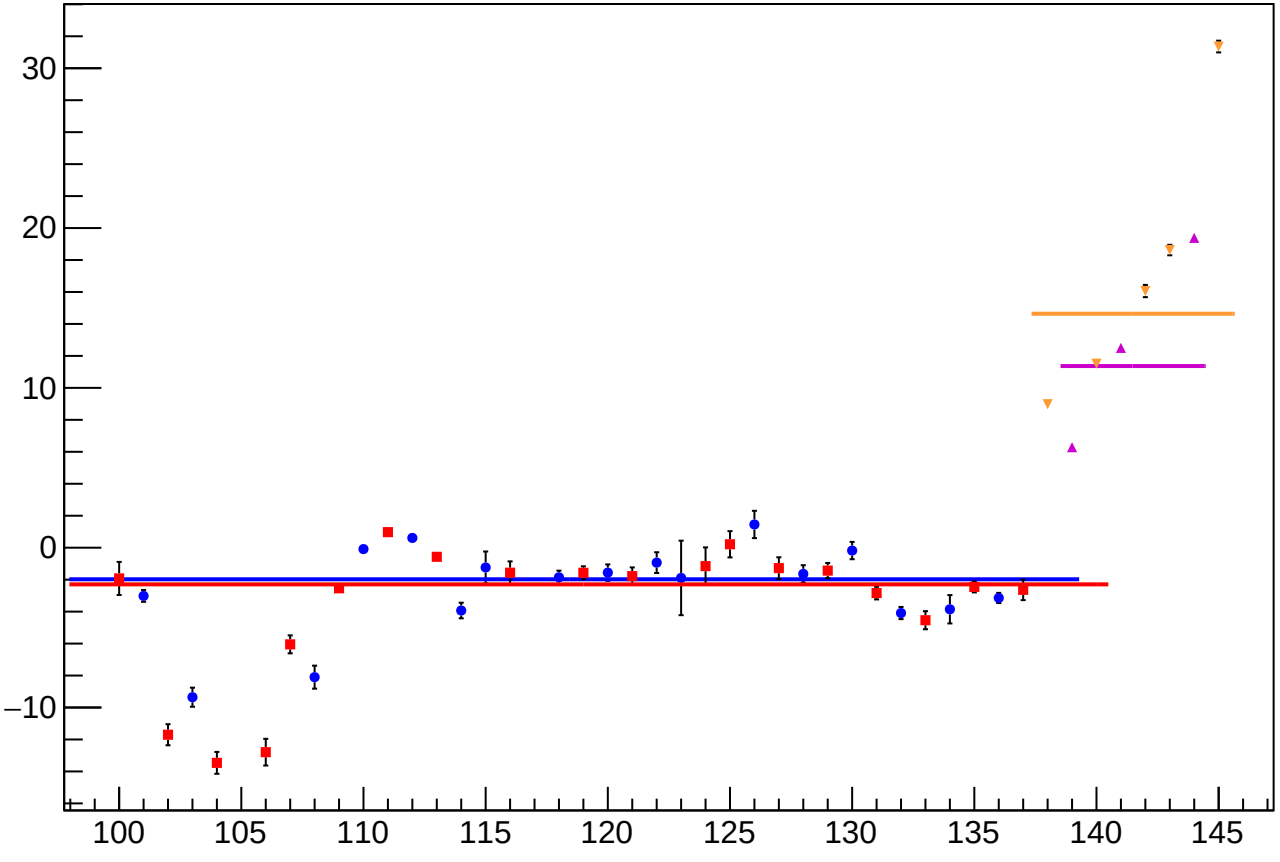
Left In: 0.099+/-0.119 χ^2/NDF:463.8/2

+ sign 1.141+/-0.052 χ^2/NDF: 1124.2/21

All: 1.022+/-0.037 χ^2/NDF: 2606.7/43

- sign 0.902+/-0.052 χ^2/NDF: 1472.0/21

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 14.639+/-0.128 χ^2/NDF:3057.3/4

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

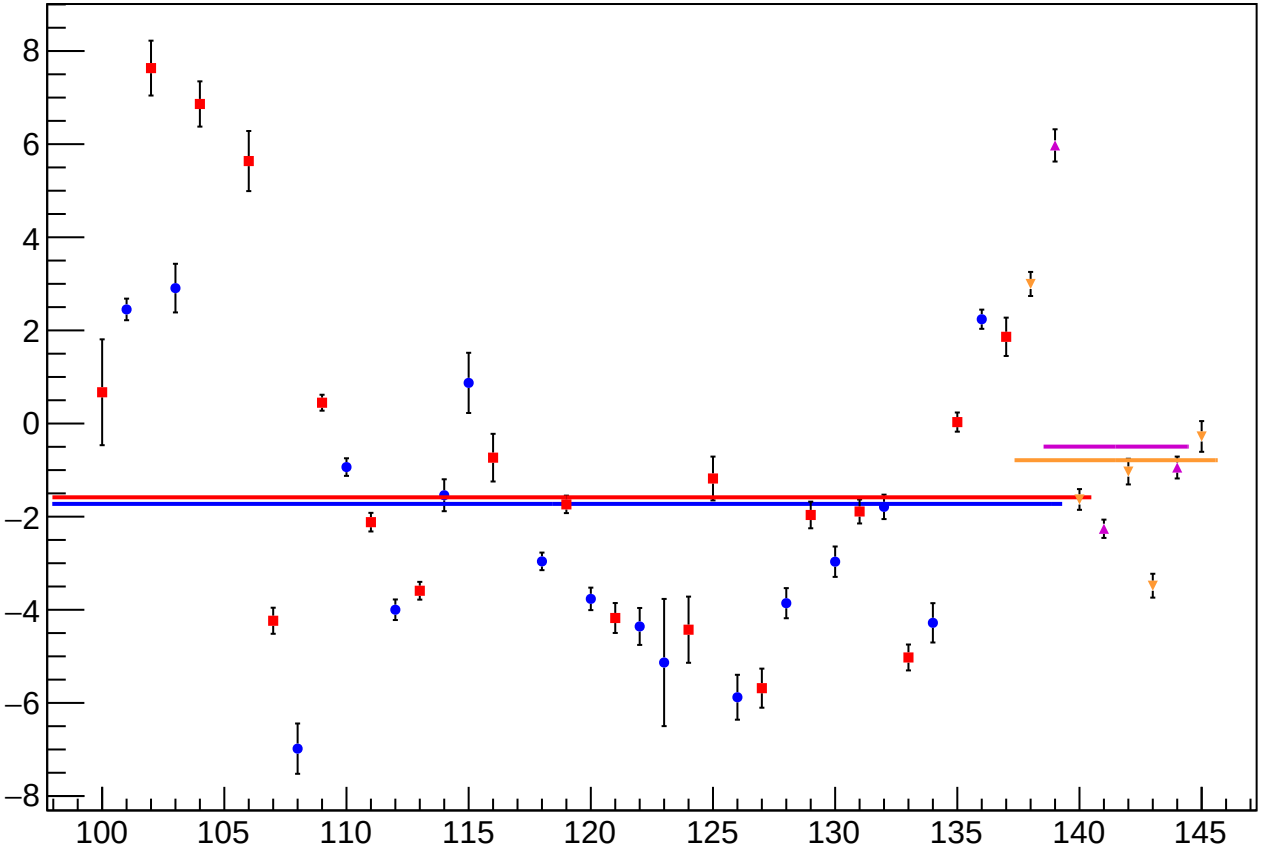
Left In: 11.365+/-0.141 χ^2/NDF:1305.5/2

+ sign 5.110+/-0.083 χ^2/NDF: 13245.4/21

All: 3.590+/-0.058 χ^2/NDF: 22384.3/43

- sign 2.161+/-0.081 χ^2/NDF: 8493.2/21

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -0.788+/-0.117 χ^2/NDF:342.3/4

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

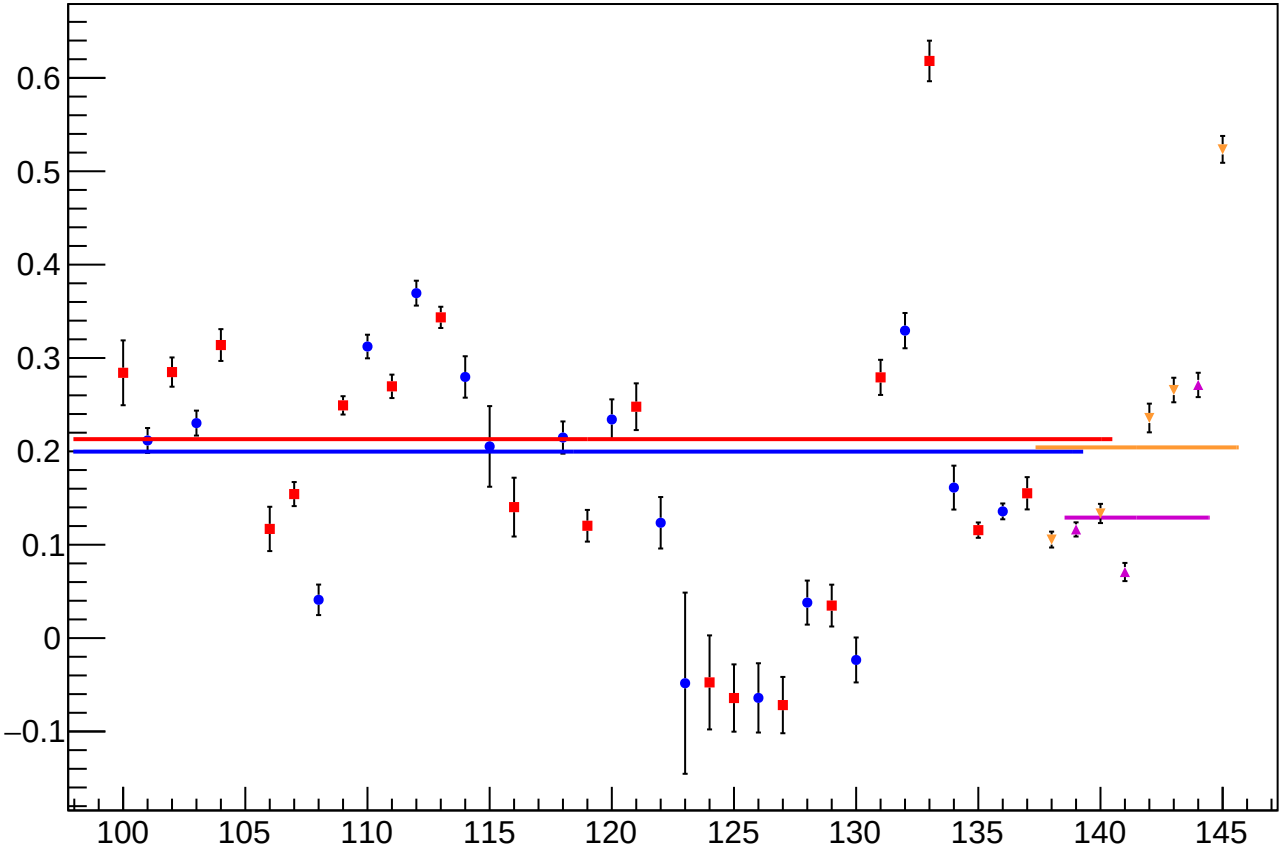
Left In: -0.496+/-0.138 χ^2/NDF:433.2/2

+ sign -1.480+/-0.060 χ^2/NDF: 1731.0/21

All: -1.432+/-0.042 χ^2/NDF: 3708.9/43

- sign -1.385+/-0.059 χ^2/NDF: 1976.7/21

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.204+/-0.005 χ^2/NDF:700.7/4

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

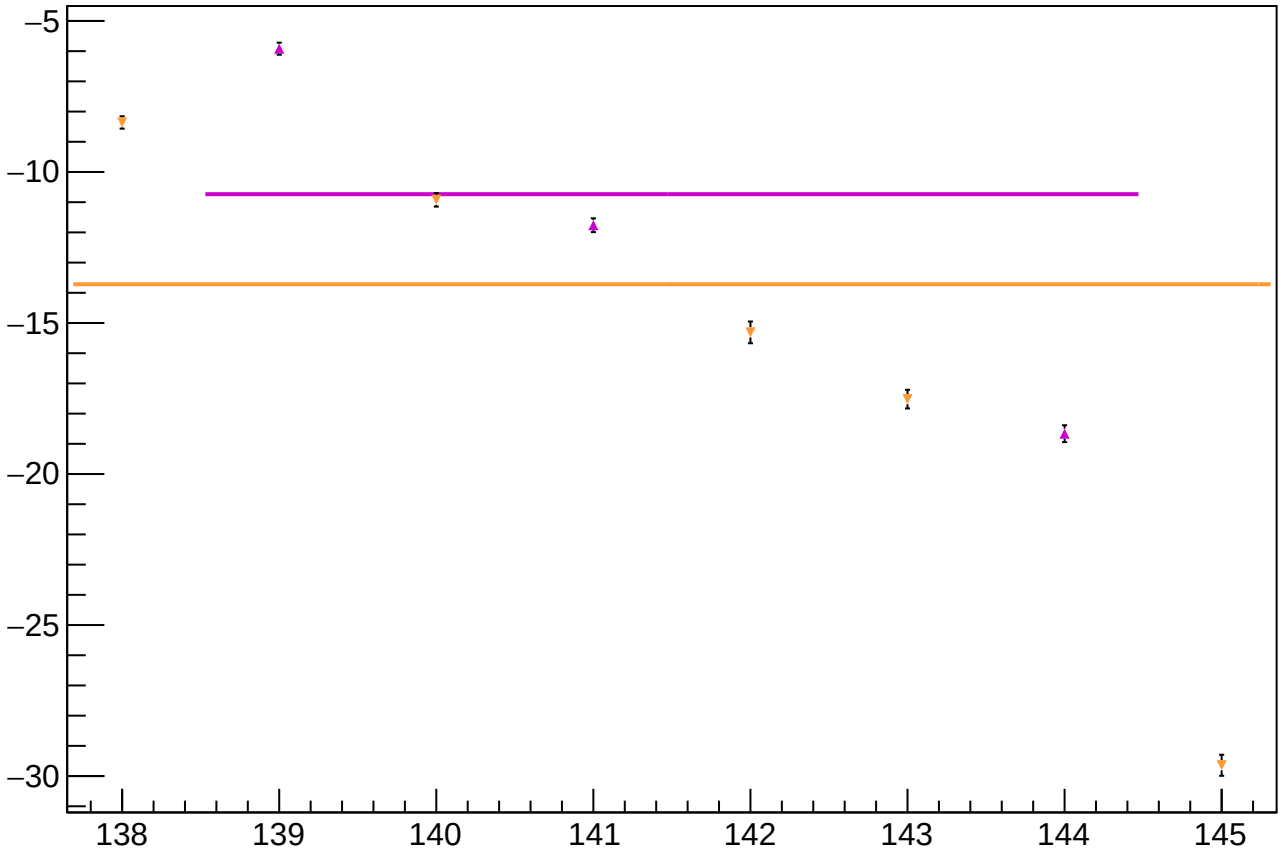
Left In: 0.129+/-0.005 χ^2/NDF:157.3/2

+ sign 0.202+/-0.003 χ^2/NDF: 1363.6/21

All: 0.194+/-0.002 χ^2/NDF: 2746.7/43

- sign 0.187+/-0.003 χ^2/NDF: 1372.0/21

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -13.717+/-0.120 χ^2/NDF:3088.7/4

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

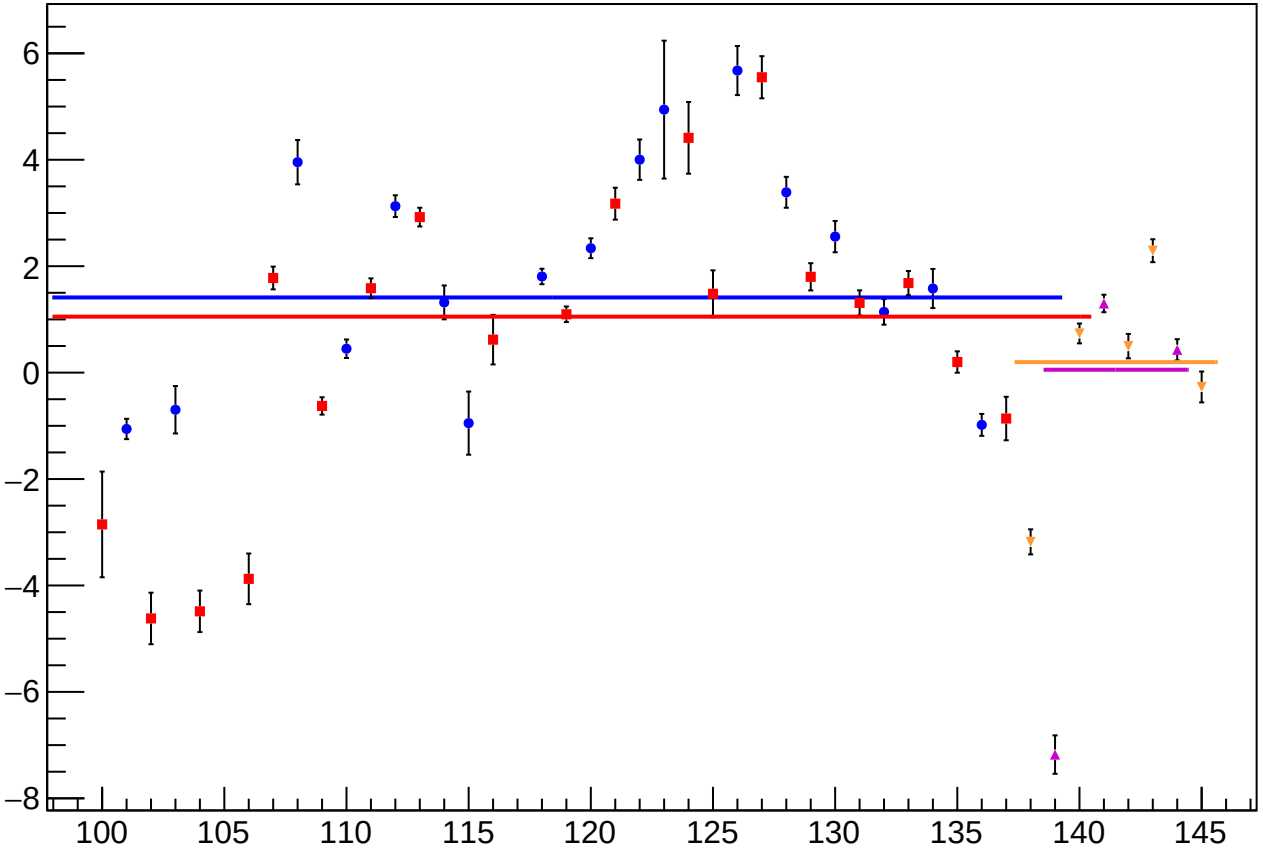
Left In: -10.735+/-0.132 χ^2/NDF:1405.0/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.379+/-0.089 χ^2/NDF: 4772.9/7

- 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: 0.197+/-0.100 χ^2/NDF:312.9/4

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

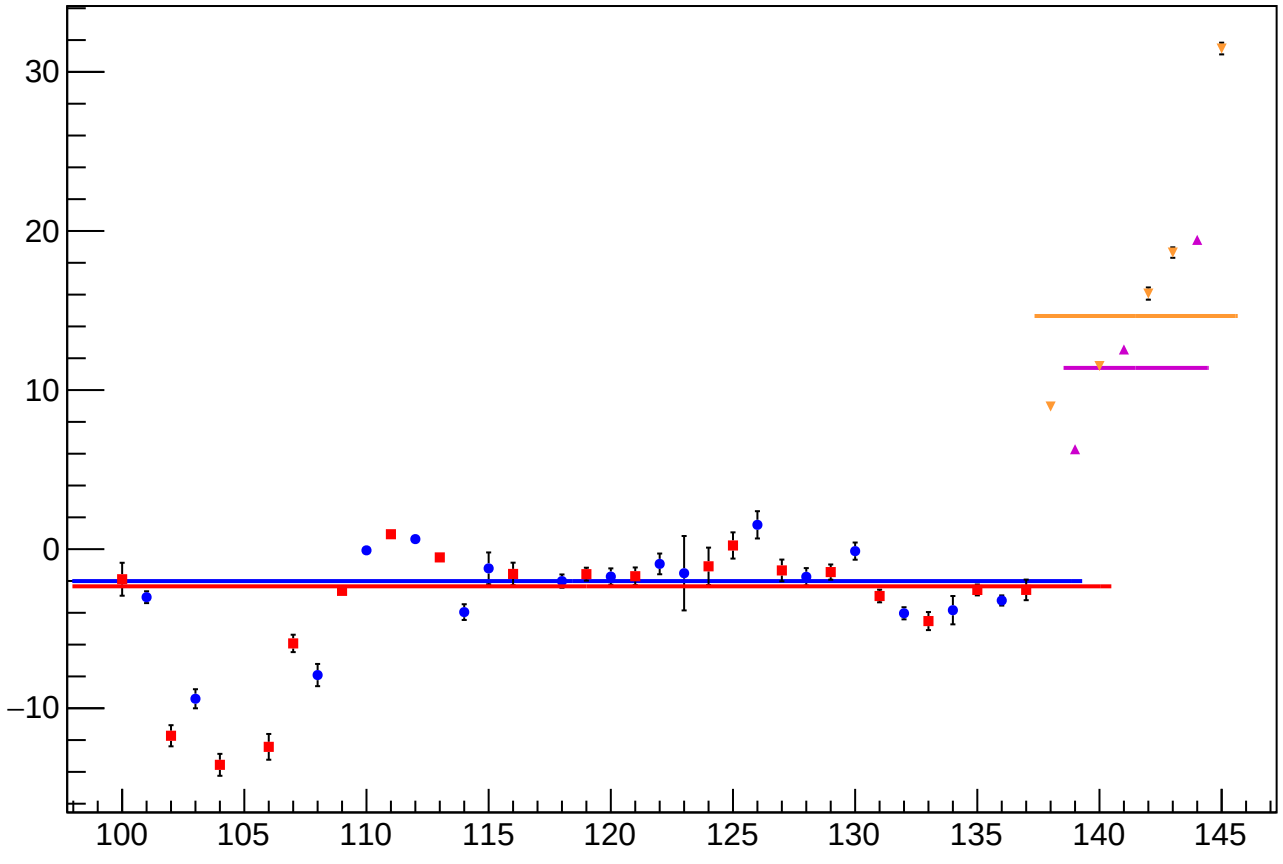
Left In: 0.054+/-0.120 χ^2/NDF:462.0/2

+ sign 1.084+/-0.052 χ^2/NDF: 1133.9/21

All: 0.973+/-0.037 χ^2/NDF: 2624.4/43

- sign 0.862+/-0.052 χ^2/NDF: 1481.5/21

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 14.656+/-0.128 χ^2/NDF:3061.1/4

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

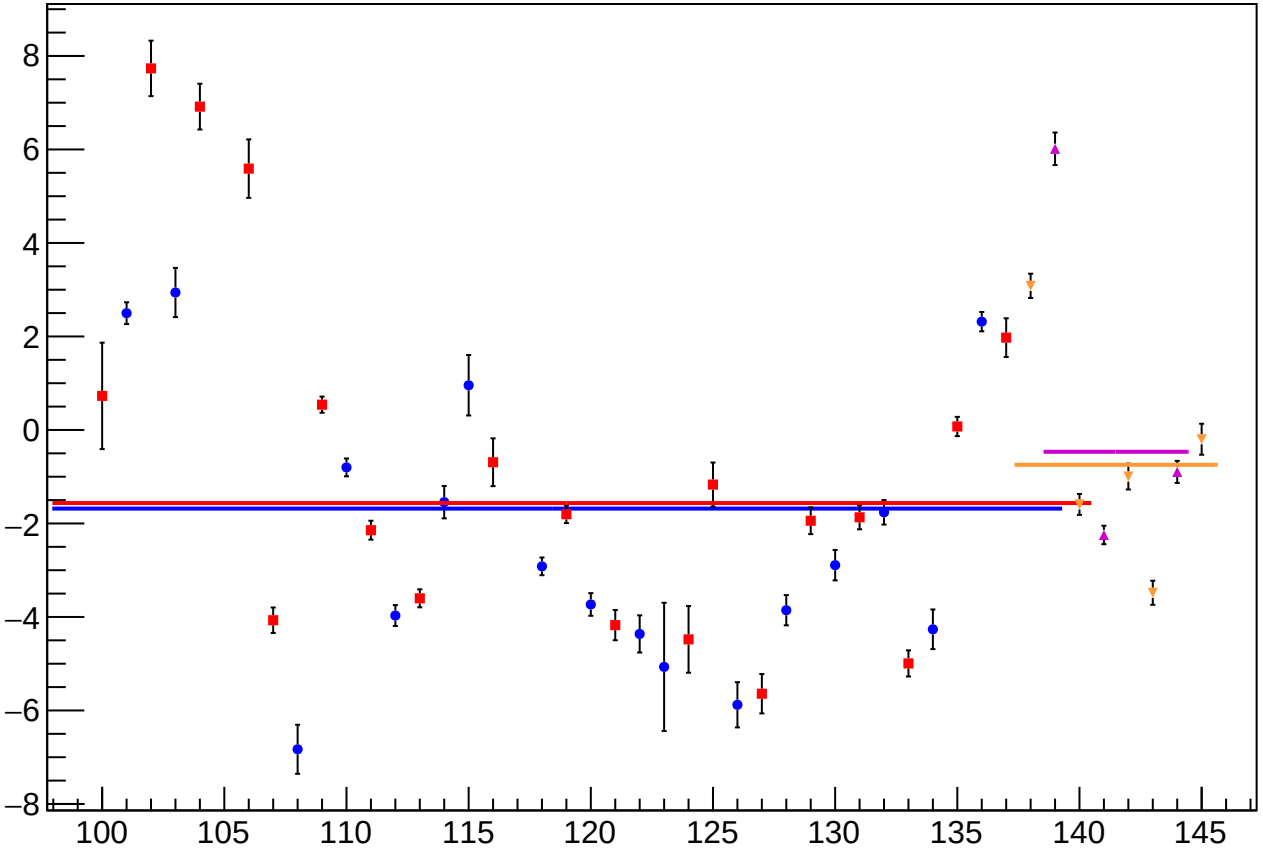
Left In: 11.393+/-0.142 χ^2/NDF:1307.2/2

+ sign 5.107+/-0.084 χ^2/NDF: 13209.3/21

All: 3.580+/-0.058 χ^2/NDF: 22351.0/43

- sign 2.145+/-0.081 χ^2/NDF: 8496.9/21

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -0.745+/-0.118 χ^2/NDF:348.1/4

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

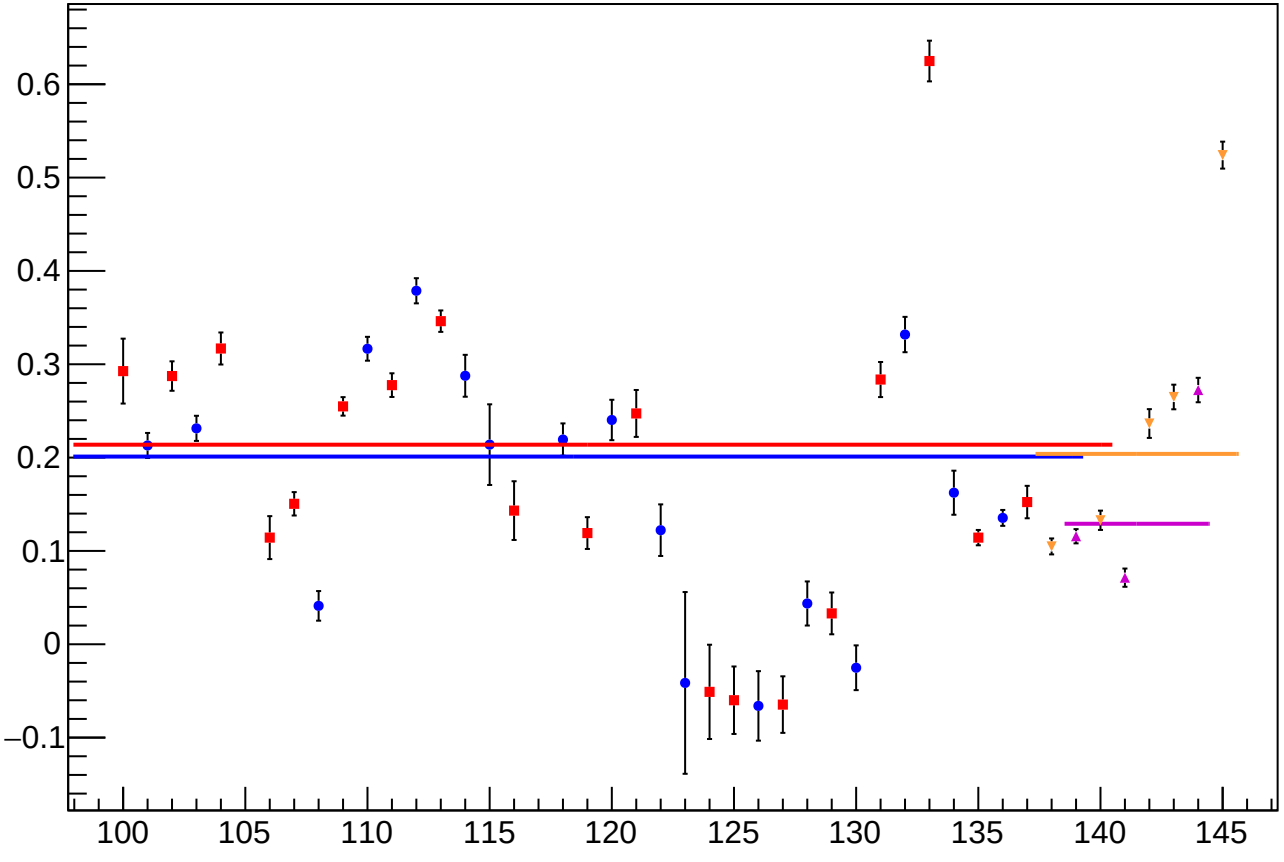
Left In: -0.466+/-0.139 χ^2/NDF:431.8/2

+ sign -1.436+/-0.060 χ^2/NDF: 1742.7/21

All: -1.399+/-0.042 χ^2/NDF: 3731.0/43

- sign -1.363+/-0.059 χ^2/NDF: 1987.6/21

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.204+/-0.005 χ^2/NDF:698.5/4

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

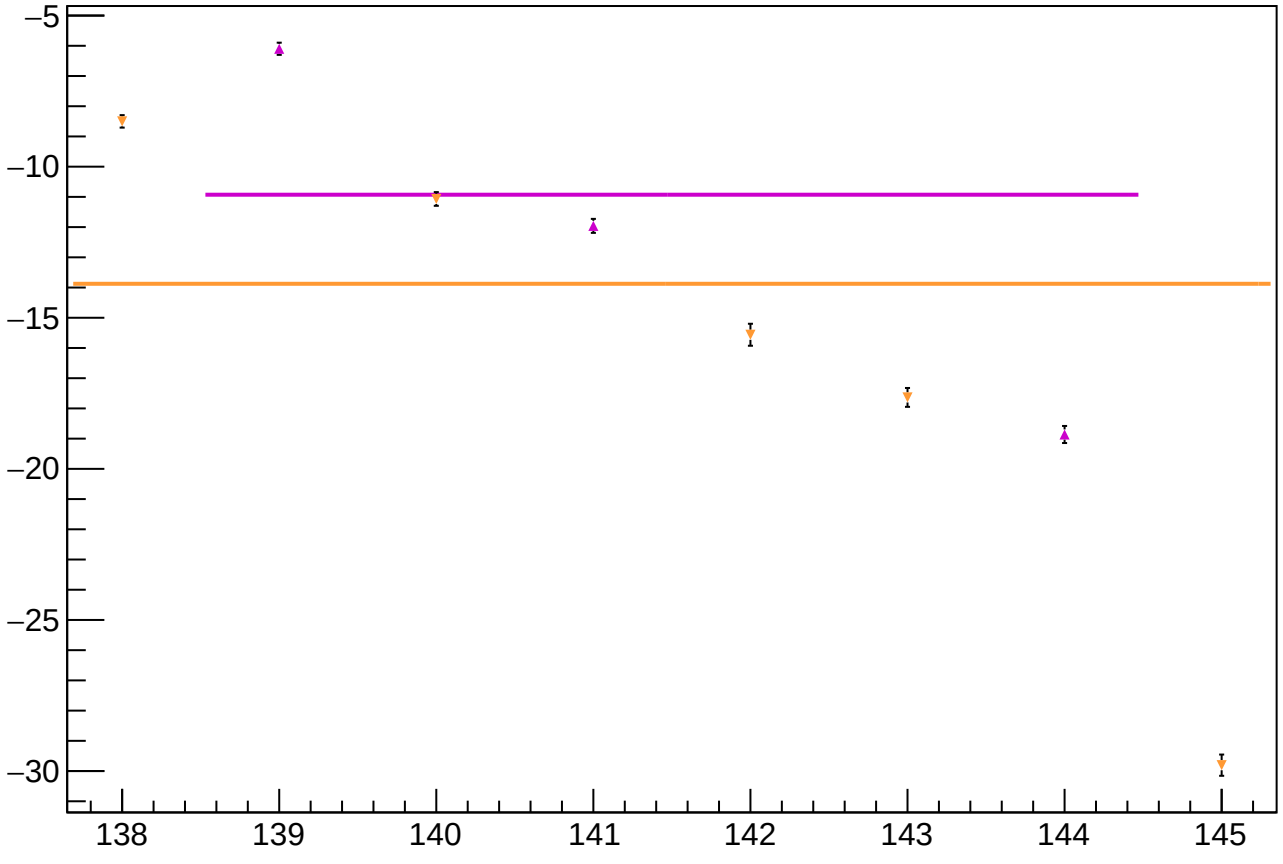
Left In: 0.129+/-0.005 χ^2/NDF:157.6/2

+ sign 0.202+/-0.003 χ^2/NDF: 1390.0/21

All: 0.194+/-0.002 χ^2/NDF: 2807.3/43

- sign 0.187+/-0.003 χ^2/NDF: 1406.1/21

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -13.876+/-0.121 χ^2/NDF:3047.9/4

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

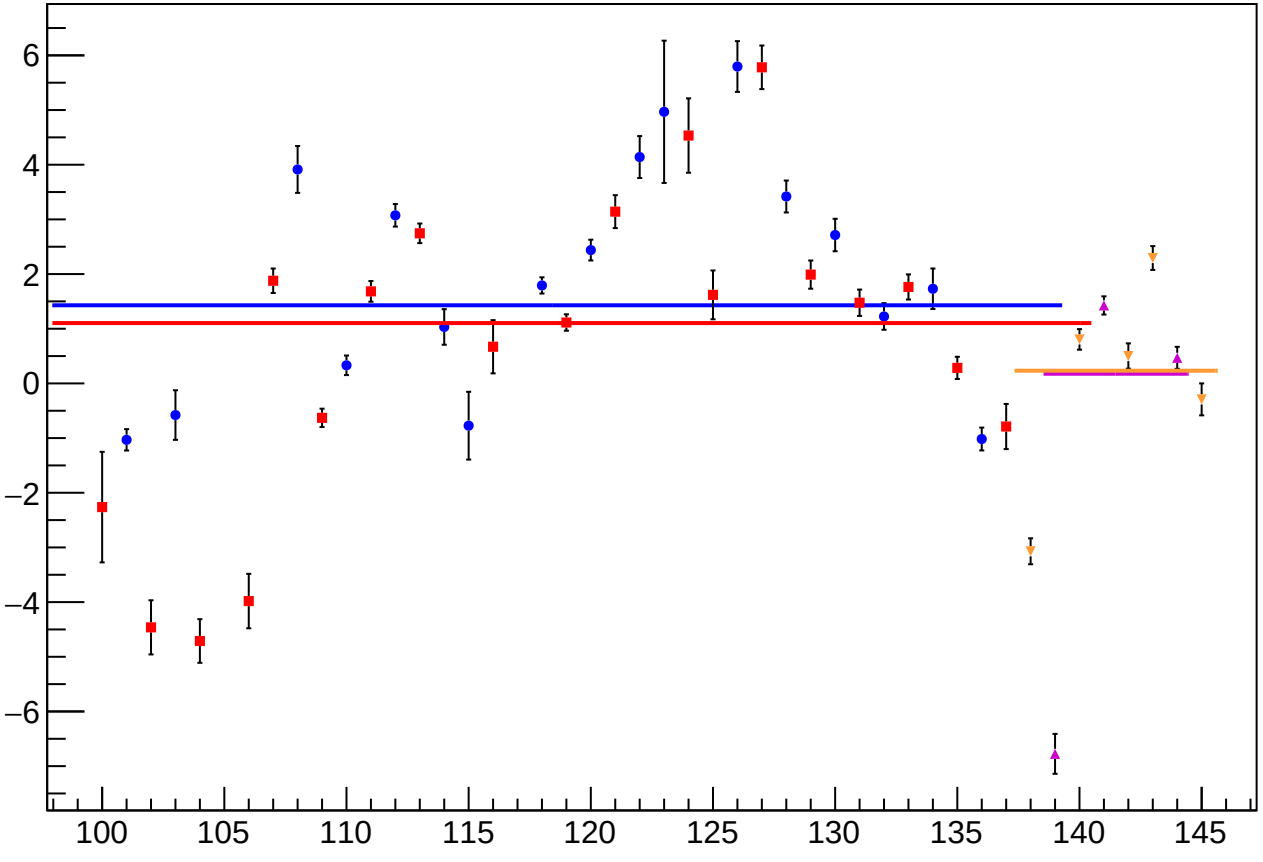
Left In: -10.928+/-0.134 χ^2/NDF:1383.1/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.555+/-0.090 χ^2/NDF: 4698.4/7

- 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: 0.232+/-0.101 χ^2/NDF:297.0/4

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

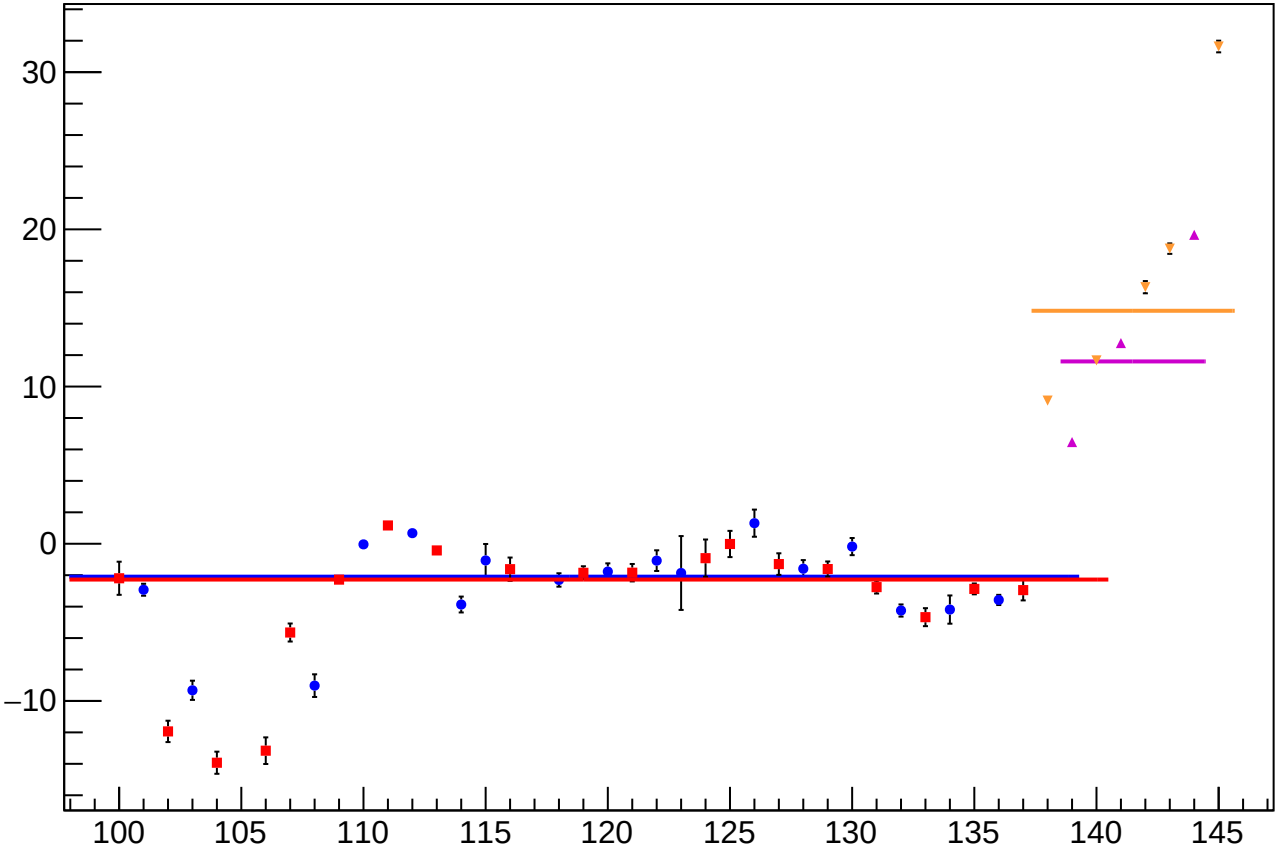
Left In: 0.177+/-0.121 χ^2/NDF:421.5/2

+ sign 1.102+/-0.053 χ^2/NDF: 1109.7/21

All: 1.013+/-0.038 χ^2/NDF: 2520.6/43

- sign 0.924+/-0.053 χ^2/NDF: 1405.3/21

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 14.821+/-0.129 χ^2/NDF:3020.9/4

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

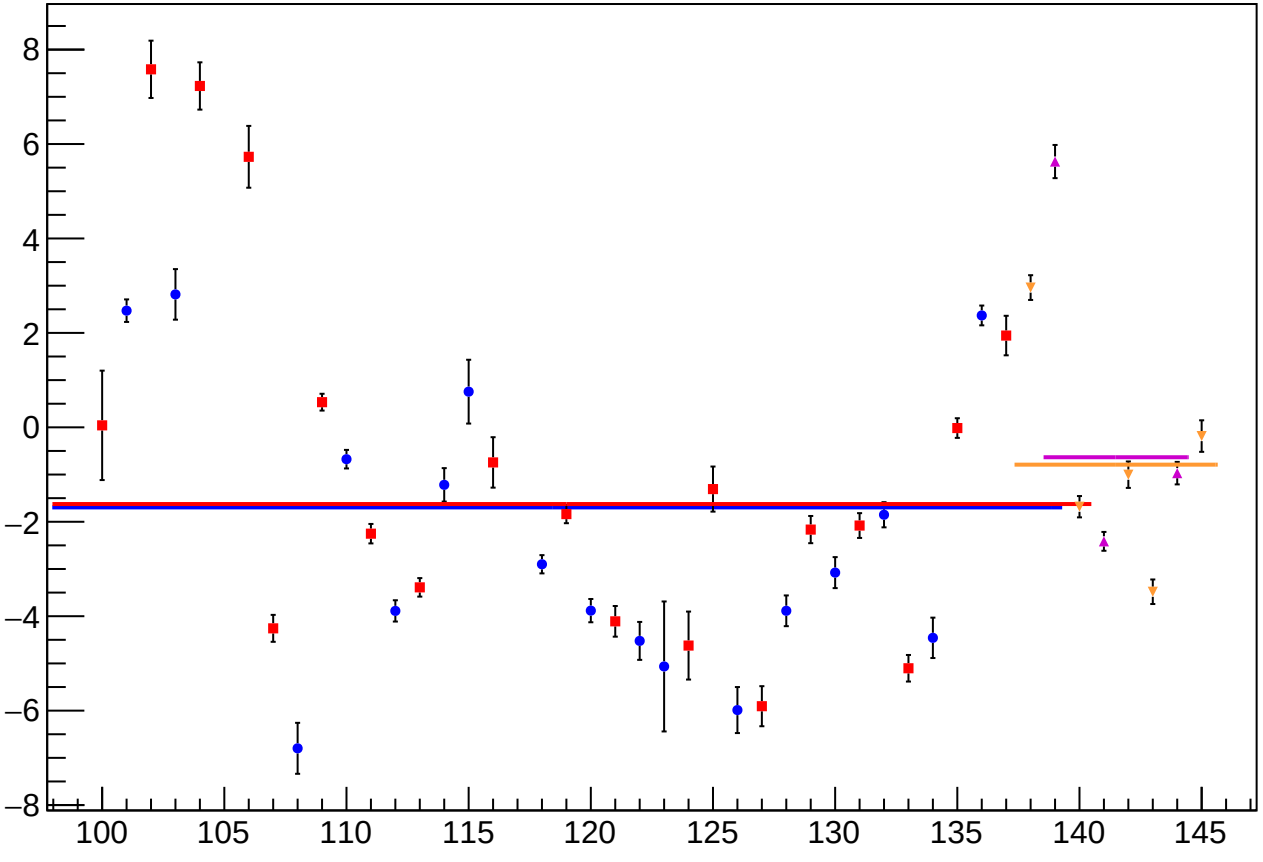
Left In: 11.598+/-0.144 χ^2/NDF:1288.1/2

+ sign 5.197+/-0.085 χ^2/NDF: 13235.6/21

All: 3.716+/-0.059 χ^2/NDF: 22279.8/43

- sign 2.315+/-0.083 χ^2/NDF: 8452.5/21

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -0.790+/-0.119 χ^2/NDF:331.4/4

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

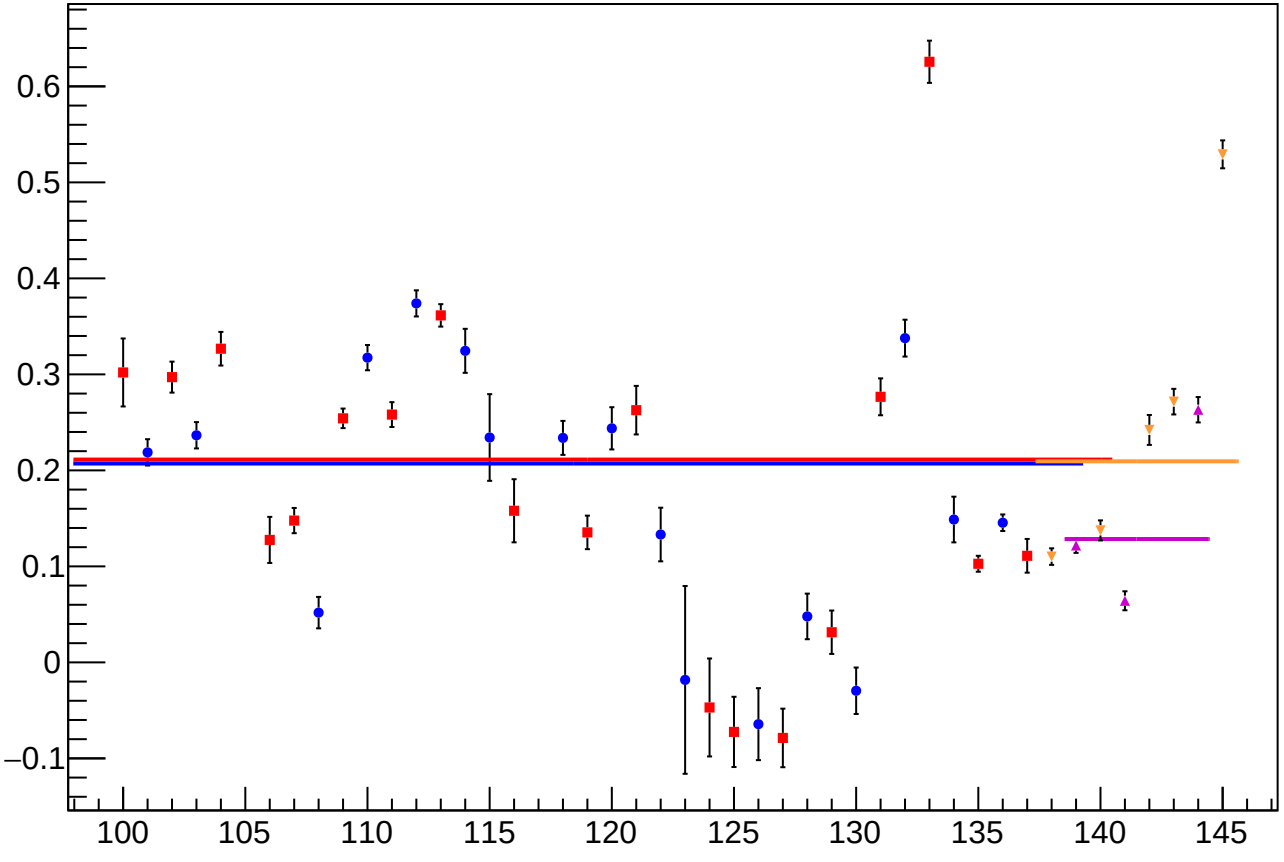
Left In: -0.633+/-0.140 χ^2/NDF:399.1/2

+ sign -1.455+/-0.061 χ^2/NDF: 1707.3/21

All: -1.448+/-0.043 χ^2/NDF: 3614.4/43

- sign -1.440+/-0.060 χ^2/NDF: 1907.1/21

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.209+/-0.005 χ^2/NDF:689.4/4

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

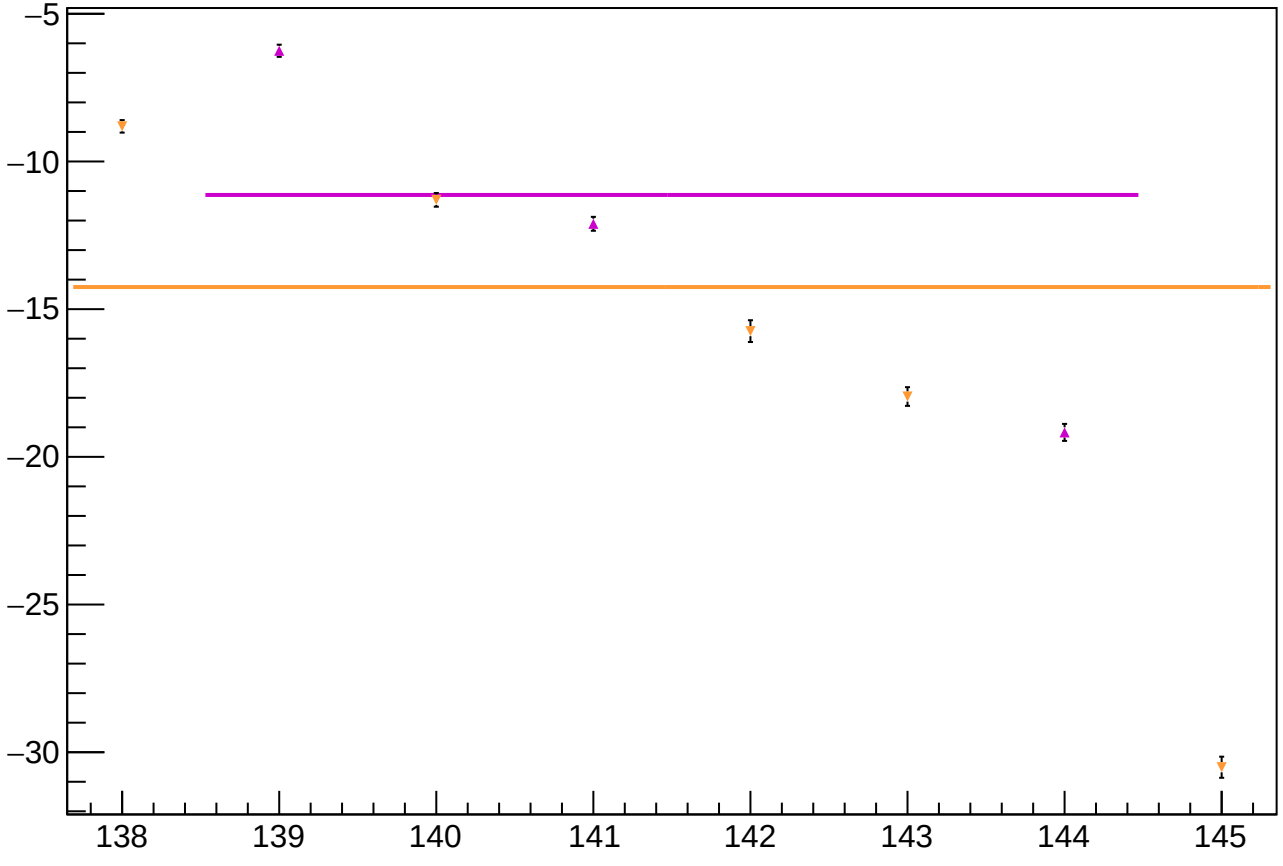
Left In: 0.128+/-0.006 χ^2/NDF:146.9/2

+ sign 0.208+/-0.003 χ^2/NDF: 1345.8/21

All: 0.196+/-0.002 χ^2/NDF: 2817.8/43

- sign 0.185+/-0.003 χ^2/NDF: 1446.0/21

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -14.251+/-0.123 χ^2/NDF:3036.5/4

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

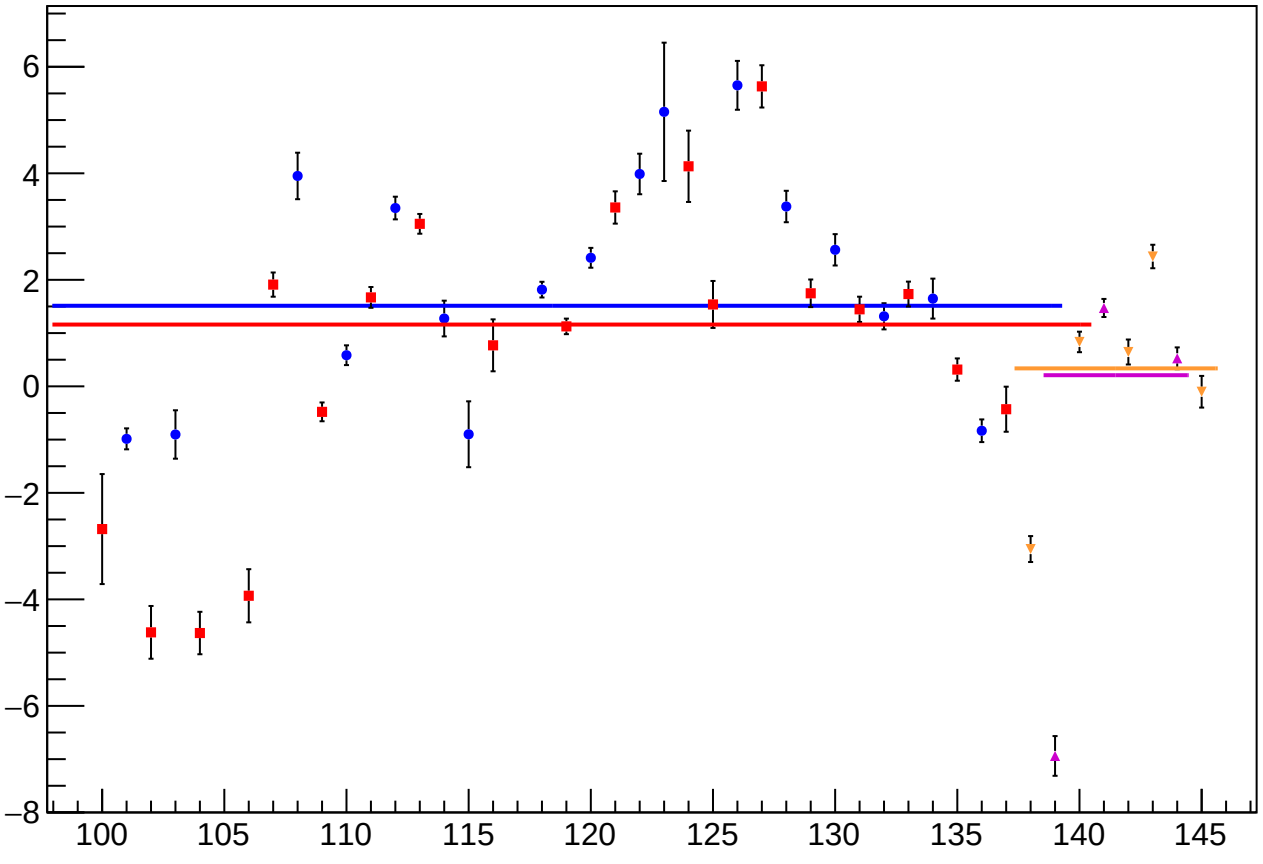
Left In: -11.133+/-0.137 χ^2/NDF:1358.3/2

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.852+/-0.092 χ^2/NDF: 4681.9/7

- 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: 0.337+/-0.103 χ^2/NDF:295.3/4

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

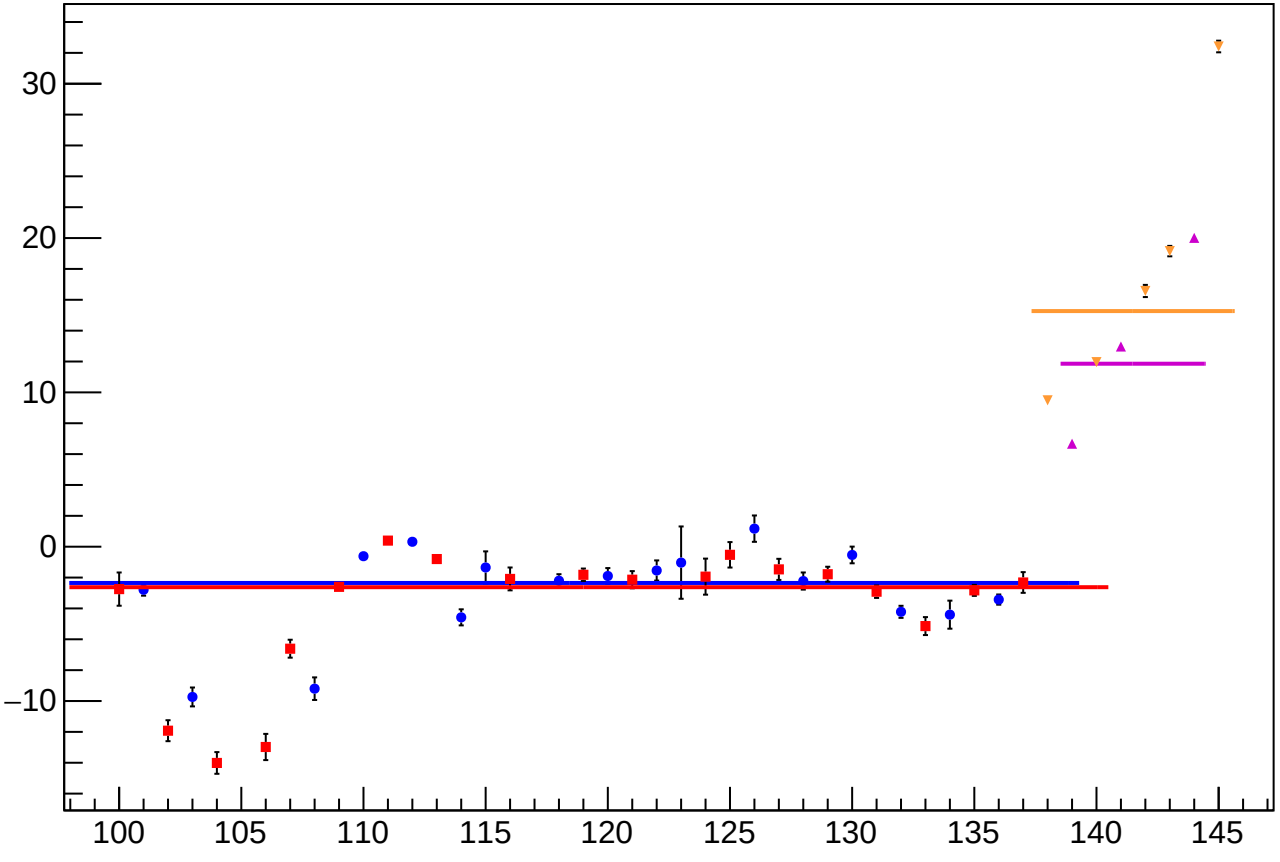
Left In: 0.209+/-0.123 χ^2/NDF:425.2/2

+ sign 1.196+/-0.054 χ^2/NDF: 1059.8/21

All: 1.088+/-0.038 χ^2/NDF: 2458.3/43

- sign 0.978+/-0.054 χ^2/NDF: 1390.3/21

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 15.268+/-0.132 χ^2/NDF:3009.0/4

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

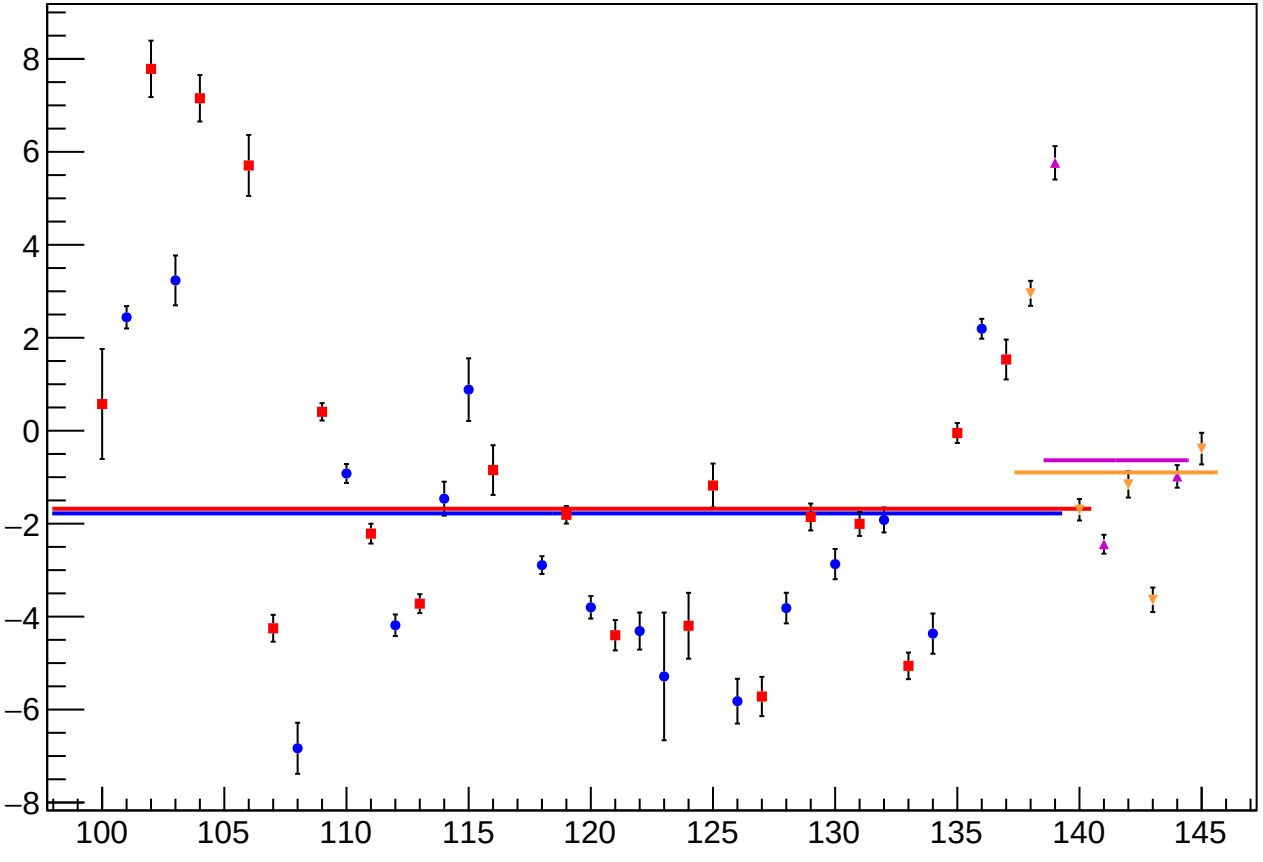
Left In: 11.857+/-0.147 χ^2/NDF:1263.4/2

+ sign 5.191+/-0.086 χ^2/NDF: 13617.2/21

All: 3.648+/-0.060 χ^2/NDF: 22868.1/43

- sign 2.178+/-0.084 χ^2/NDF: 8629.1/21

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -0.898+/-0.121 χ^2/NDF:328.6/4

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

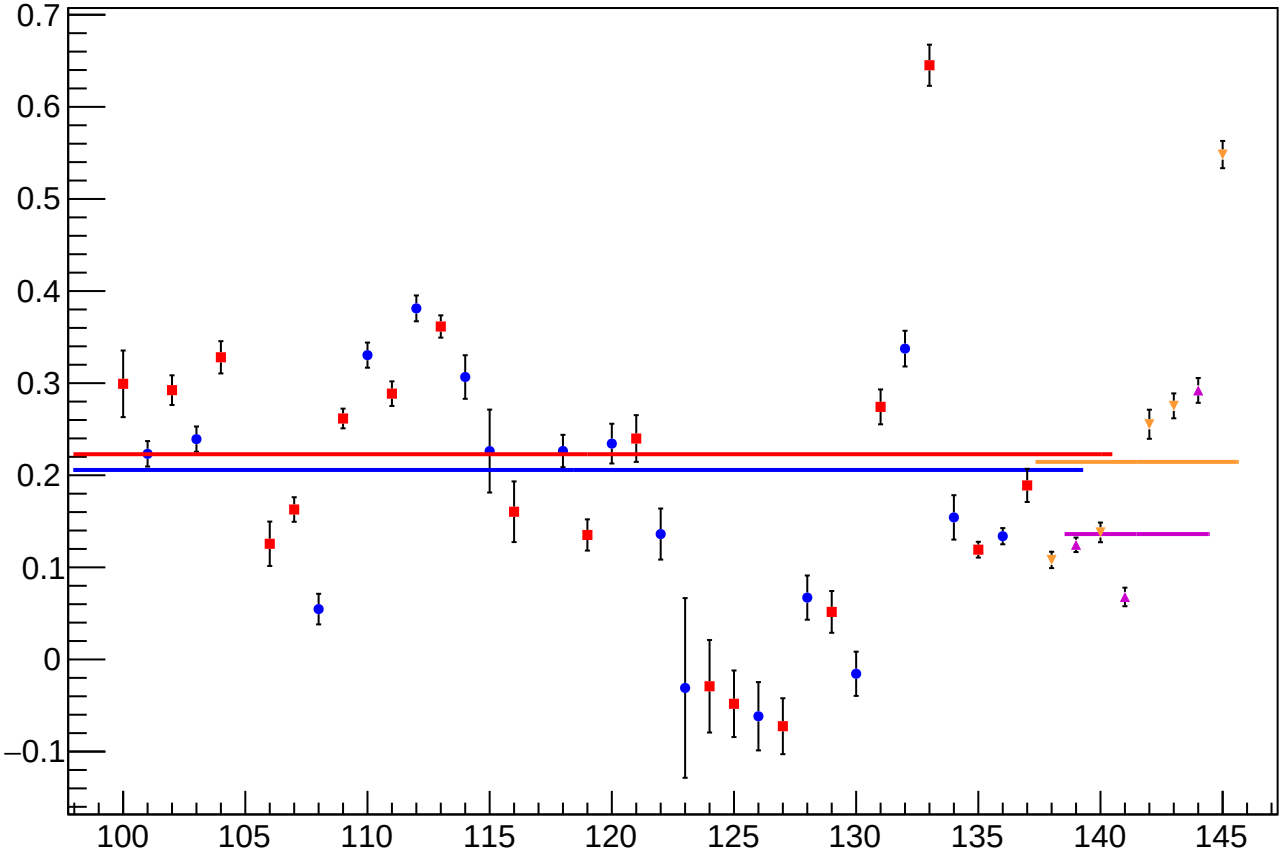
Left In: -0.636+/-0.143 χ^2/NDF:398.3/2

+ sign -1.548+/-0.062 χ^2/NDF: 1639.7/21

All: -1.517+/-0.044 χ^2/NDF: 3511.4/43

- sign -1.487+/-0.061 χ^2/NDF: 1871.2/21

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.215+/-0.005 χ^2/NDF:731.0/4

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.136+/-0.006 χ^2/NDF:182.4/2

+ sign 0.209+/-0.003 χ^2/NDF: 1384.5/21

All: 0.202+/-0.002 χ^2/NDF: 2779.7/43

- sign 0.195+/-0.003 χ^2/NDF: 1386.3/21