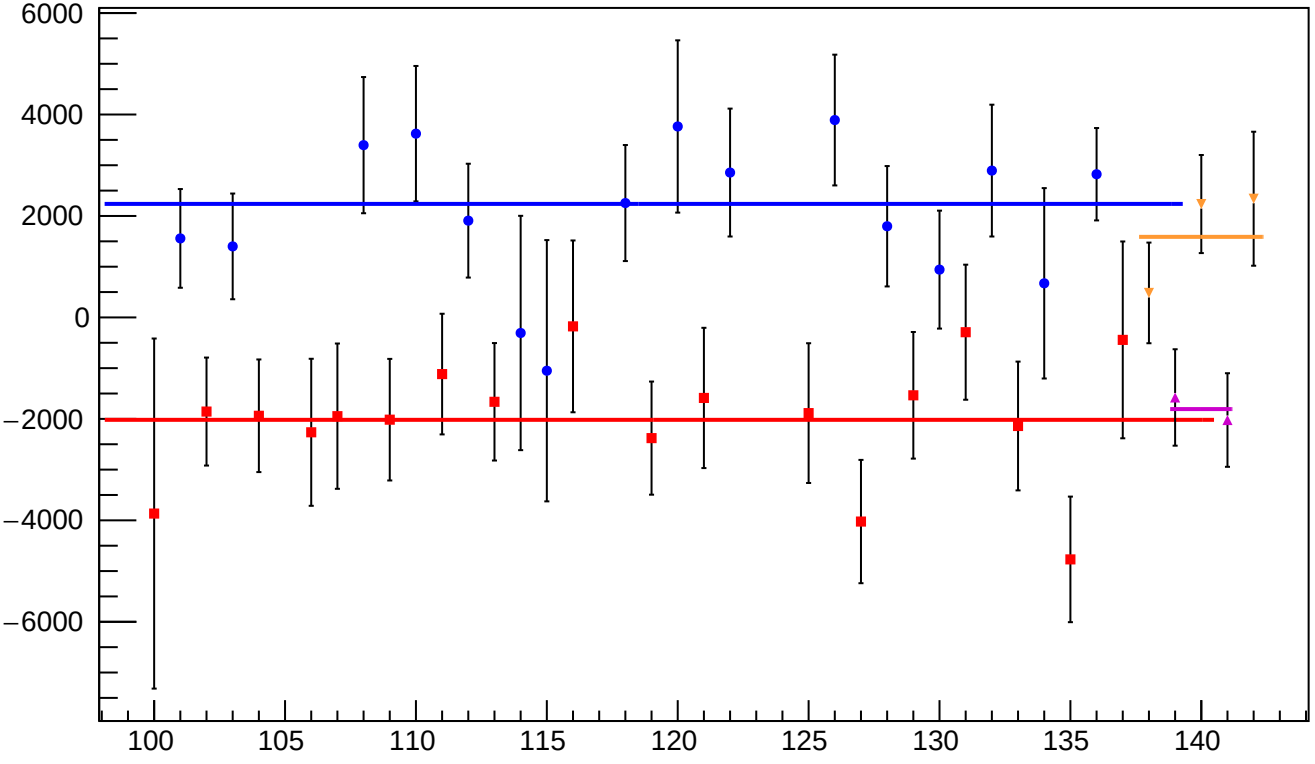
dit_asym_us_avg_mean vs Slug



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

Left Out: 1588.384+/-613.210 χ^2/NDF:2.0/2

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

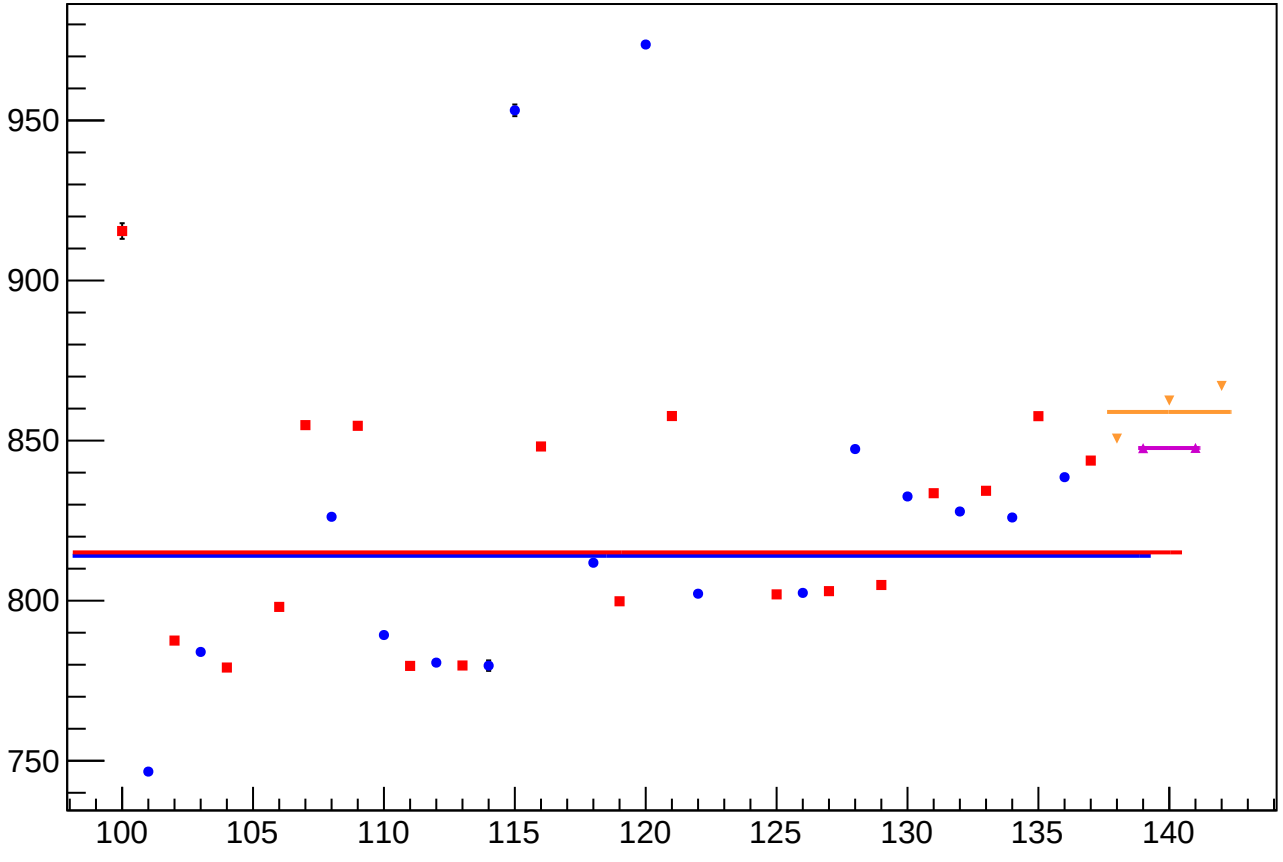
Left In: -1806.728+/-661.940 χ^2/NDF:0.1/1

+ sign 2102.558+/-279.941 χ^2/NDF: 14.2/18

All: 57.786+/-197.799 χ^2/NDF: 133.5/38

- sign -1980.840+/-279.520 χ^2/NDF: 12.8/19

dit_asym_us_avg_rms vs Slug



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

Left Out: 858.952+/-0.434 χ^2/NDF:244.0/2

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

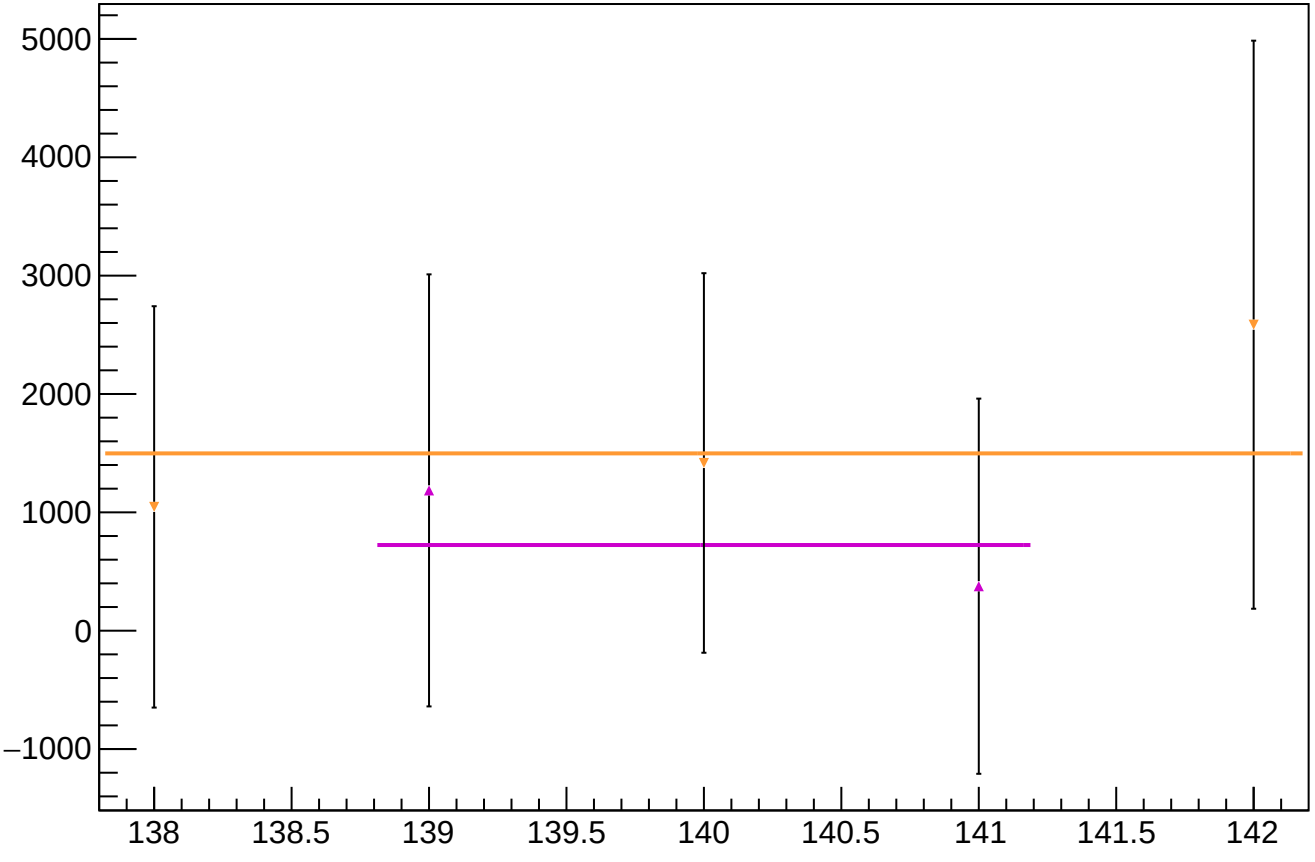
Left In: 847.685+/-0.468 χ^2/NDF:0.0/1

+ sign 823.385+/-0.198 χ^2/NDF: 50785.4/18

All: 822.139+/-0.140 χ^2/NDF: 74810.0/38

- sign 820.897+/-0.198 χ^2/NDF: 23945.4/19

asym_us_avg_correction_mean vs Slug



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

Left Out: 1498.173+/-1048.087 χ^2/NDF:0.3/2

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

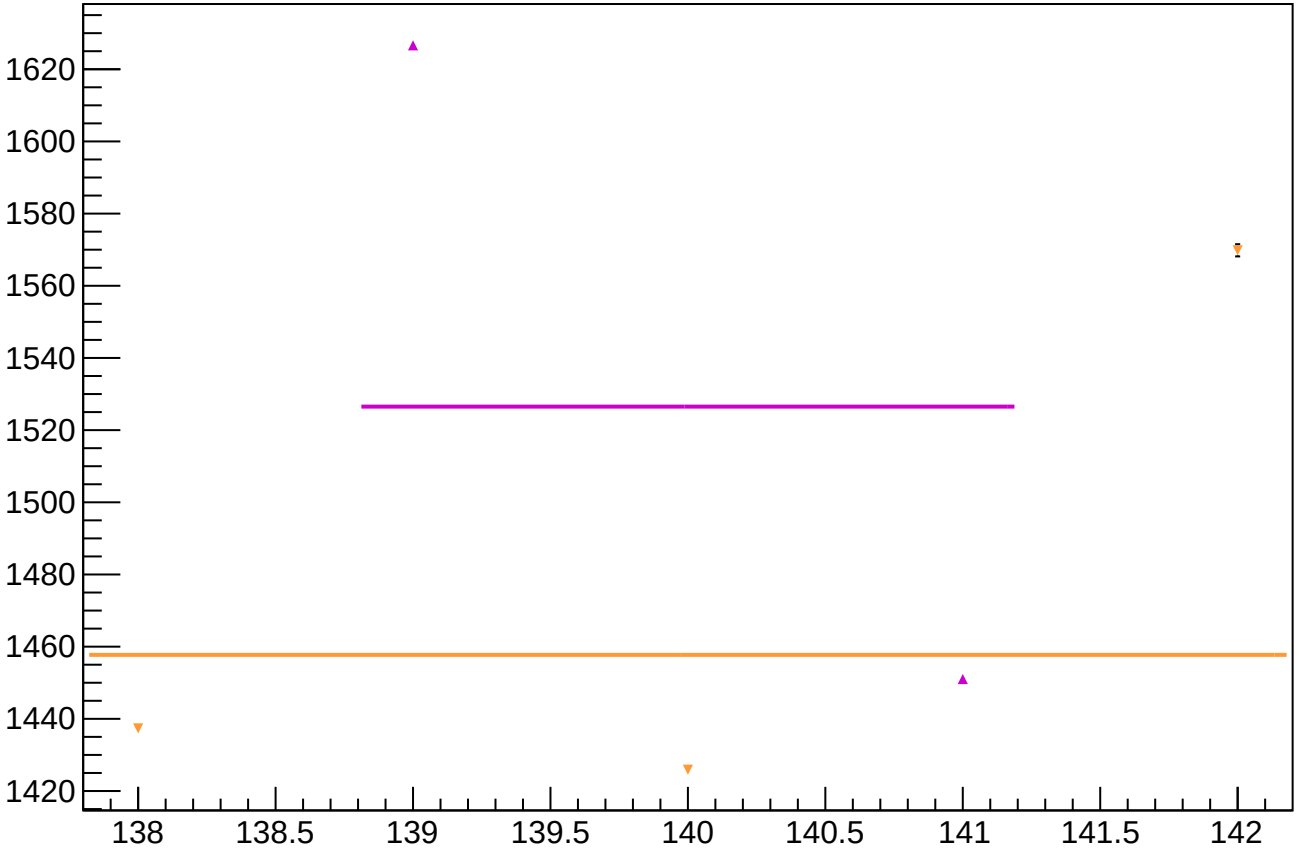
Left In: 723.952+/-1196.768 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1162.117+/-788.467 χ^2/NDF: 0.6/4

- 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: 1457.729+/-0.741 χ^2/NDF:5440.5/2

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

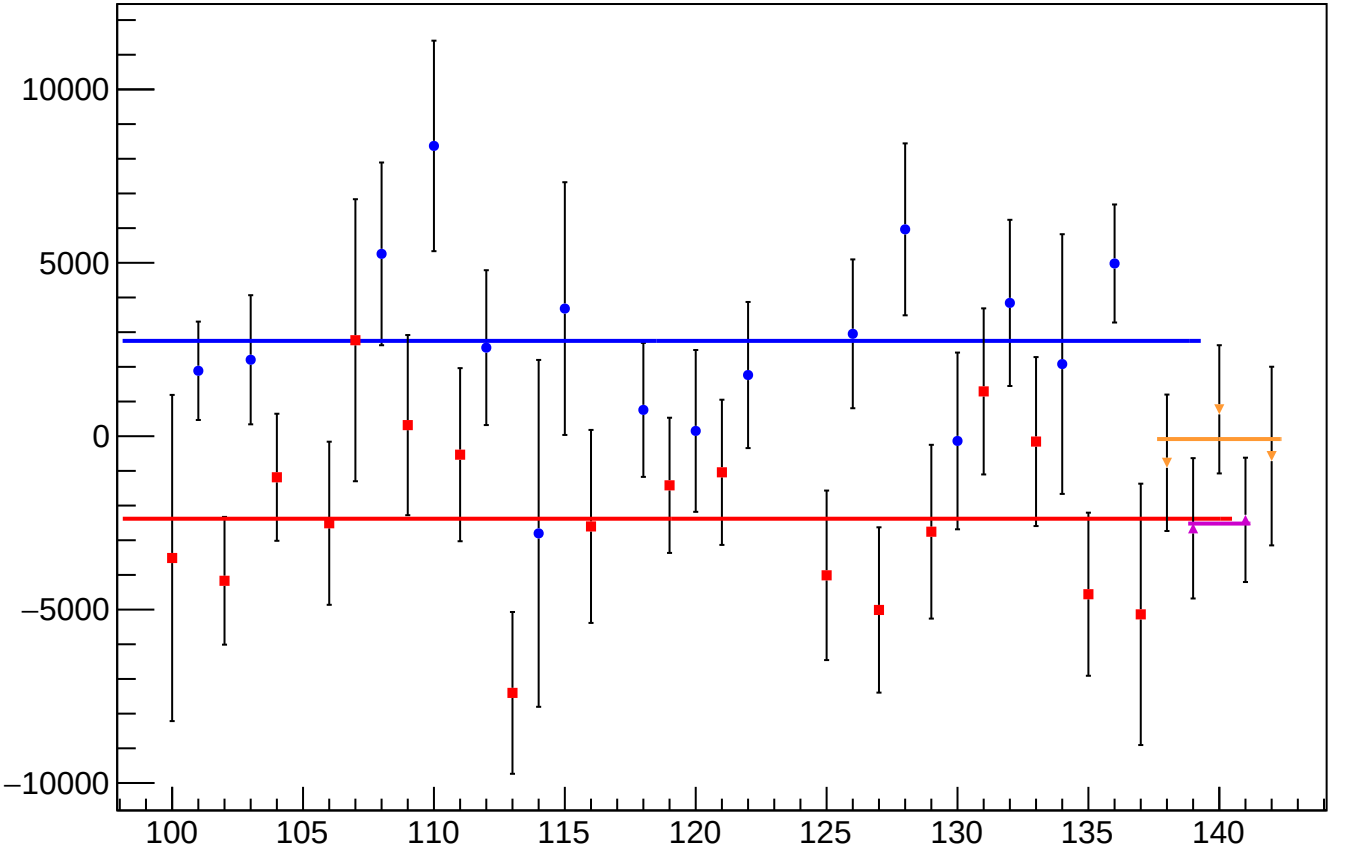
Left In: 1526.519+/-0.846 χ^2/NDF:10552.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1487.588+/-0.558 χ^2/NDF: 19732.7/4

- 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: -81.974+/-1193.718 χ^2/NDF:0.4/2

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

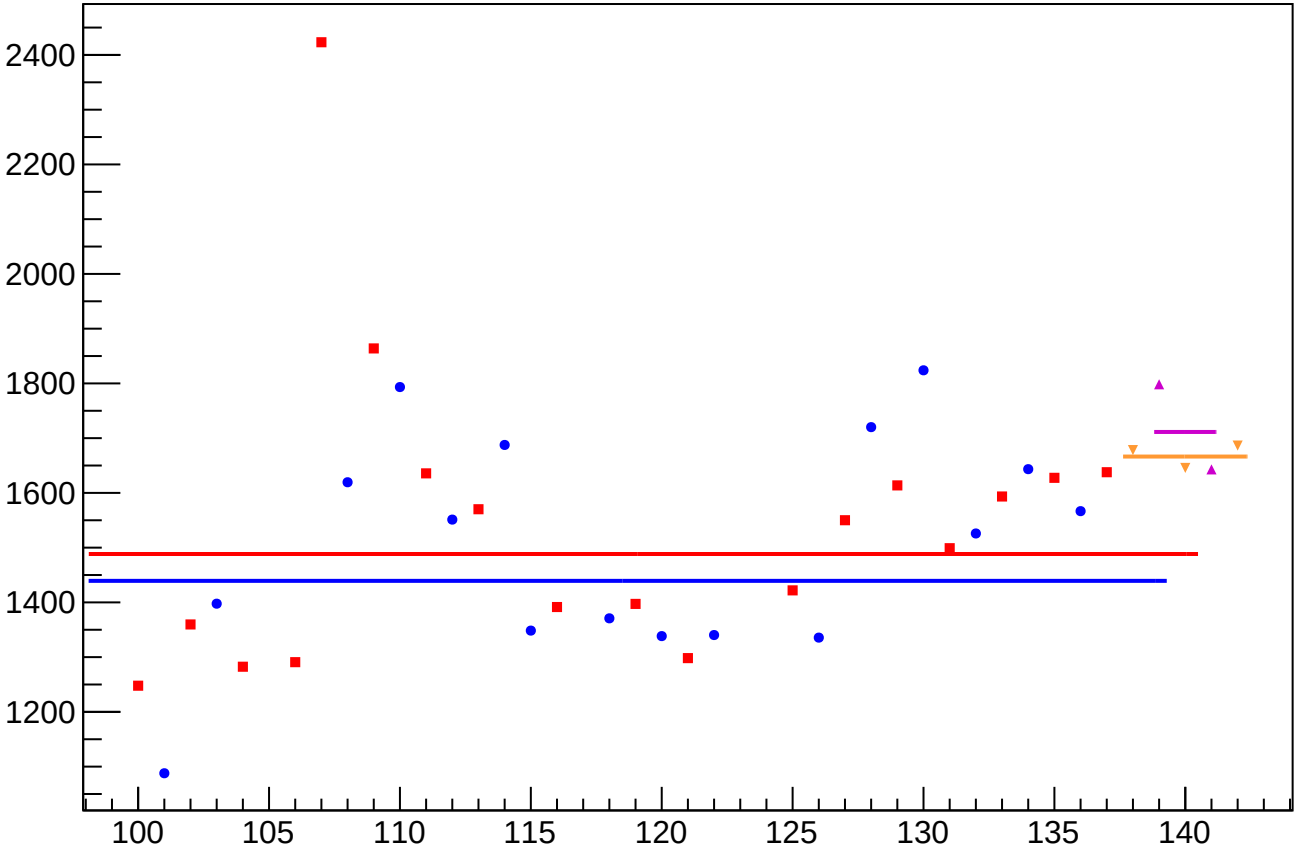
Left In: -2519.408+/-1341.818 χ^2/NDF:0.0/1

+ sign 2233.767+/-509.165 χ^2/NDF: 18.5/18

All: -17.766+/-365.106 χ^2/NDF: 75.0/38

- sign -2400.779+/-523.821 χ^2/NDF: 16.2/19

asym_us_avg_rms vs Slug



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

Left Out: 1666.396+/-0.844 χ^2/NDF:445.7/2

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

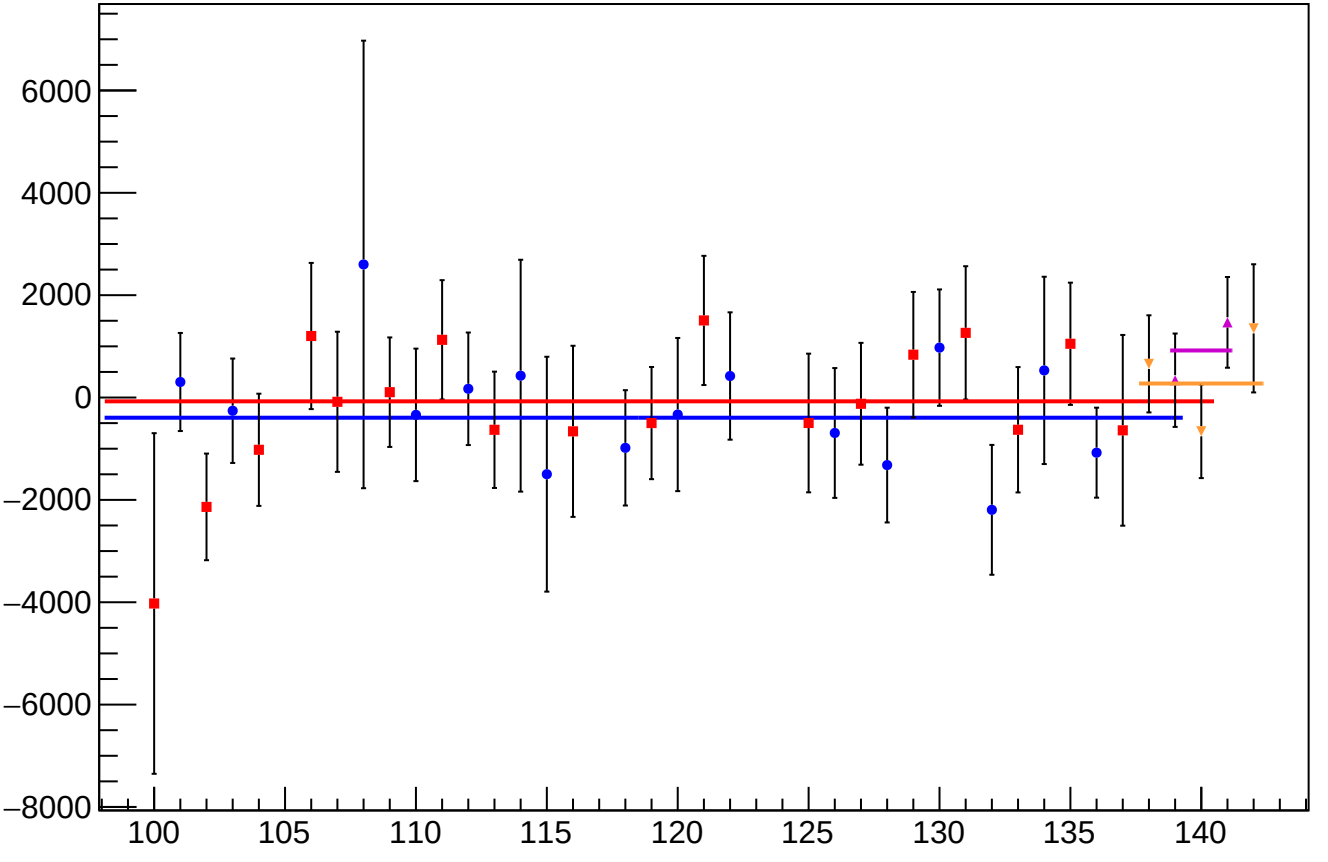
Left In: 1711.318+/-0.949 χ^2/NDF:6614.0/1

+ sign 1480.643+/-0.360 χ^2/NDF: 337505.0/18

All: 1500.909+/-0.258 χ^2/NDF: 653759.8/38

- sign 1522.359+/-0.370 χ^2/NDF: 309732.7/19

dit_asym_us_dd_mean vs Slug



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

Left Out: 273.852+/-582.948 χ^2/NDF:1.9/2

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

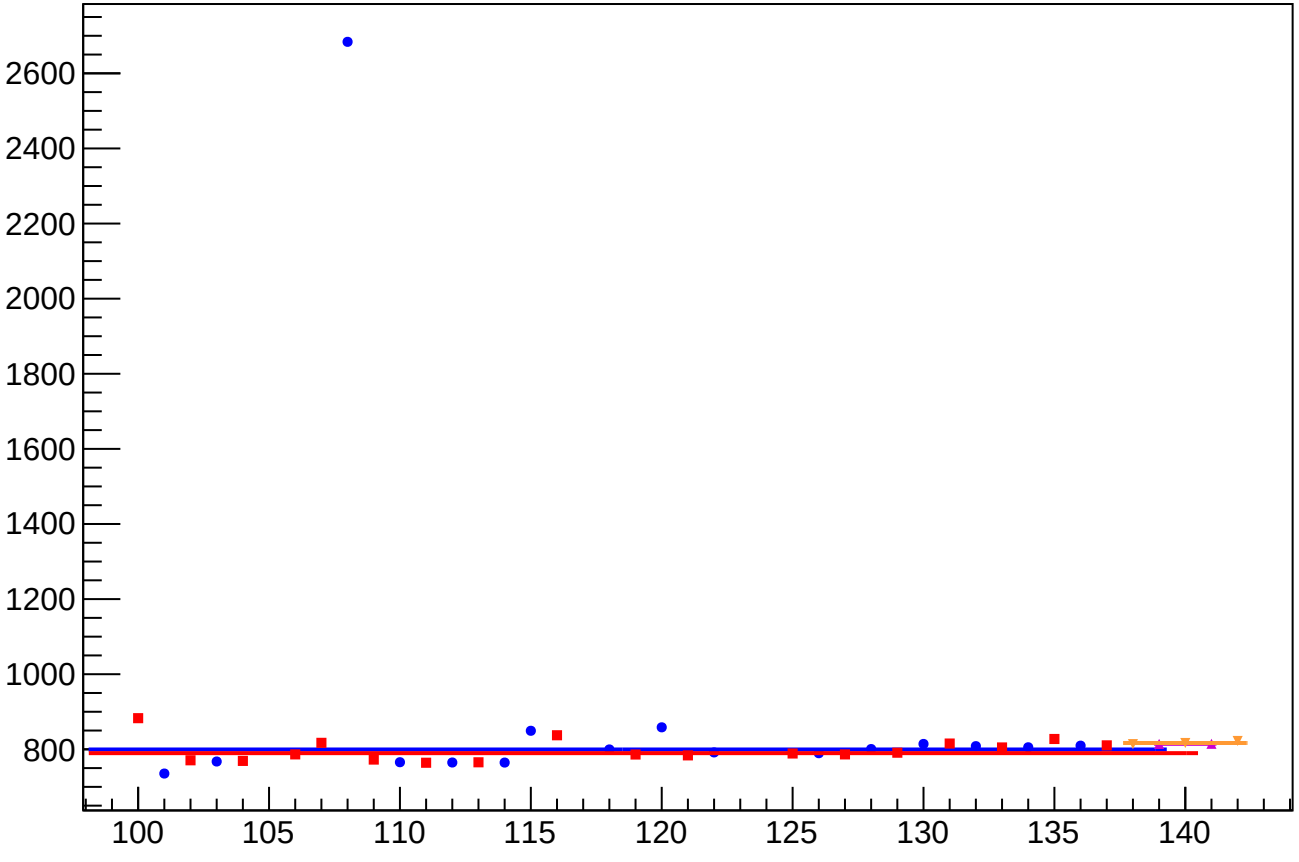
Left In: 919.614+/-635.764 χ^2/NDF:0.8/1

+ sign -244.703+/-275.883 χ^2/NDF: 10.4/18

All: -66.095+/-193.011 χ^2/NDF: 26.9/38

- sign 105.135+/-270.124 χ^2/NDF: 15.7/19

dit_asym_us_dd_rms vs Slug



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

Left Out: 816.835+/-0.412 χ^2/NDF:57.1/2

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

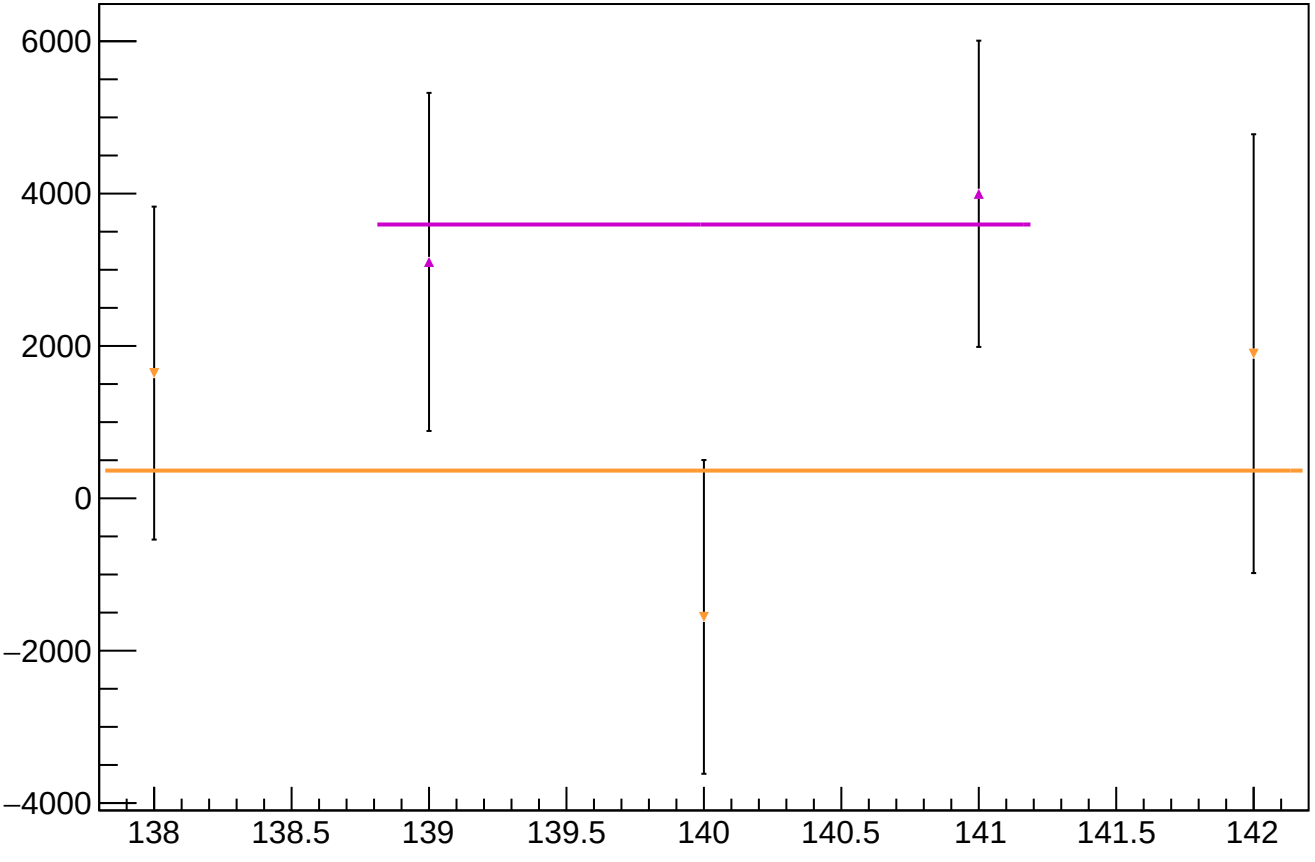
Left In: 814.574+/-0.450 χ^2/NDF:0.1/1

+ sign 803.411+/-0.195 χ^2/NDF: 392609.5/18

All: 798.743+/-0.136 χ^2/NDF: 407396.3/38

- sign 794.267+/-0.191 χ^2/NDF: 13665.0/19

asym_us_dd_correction_mean vs Slug



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

Left Out: 364.223+/-1329.483 χ^2/NDF:1.5/2

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

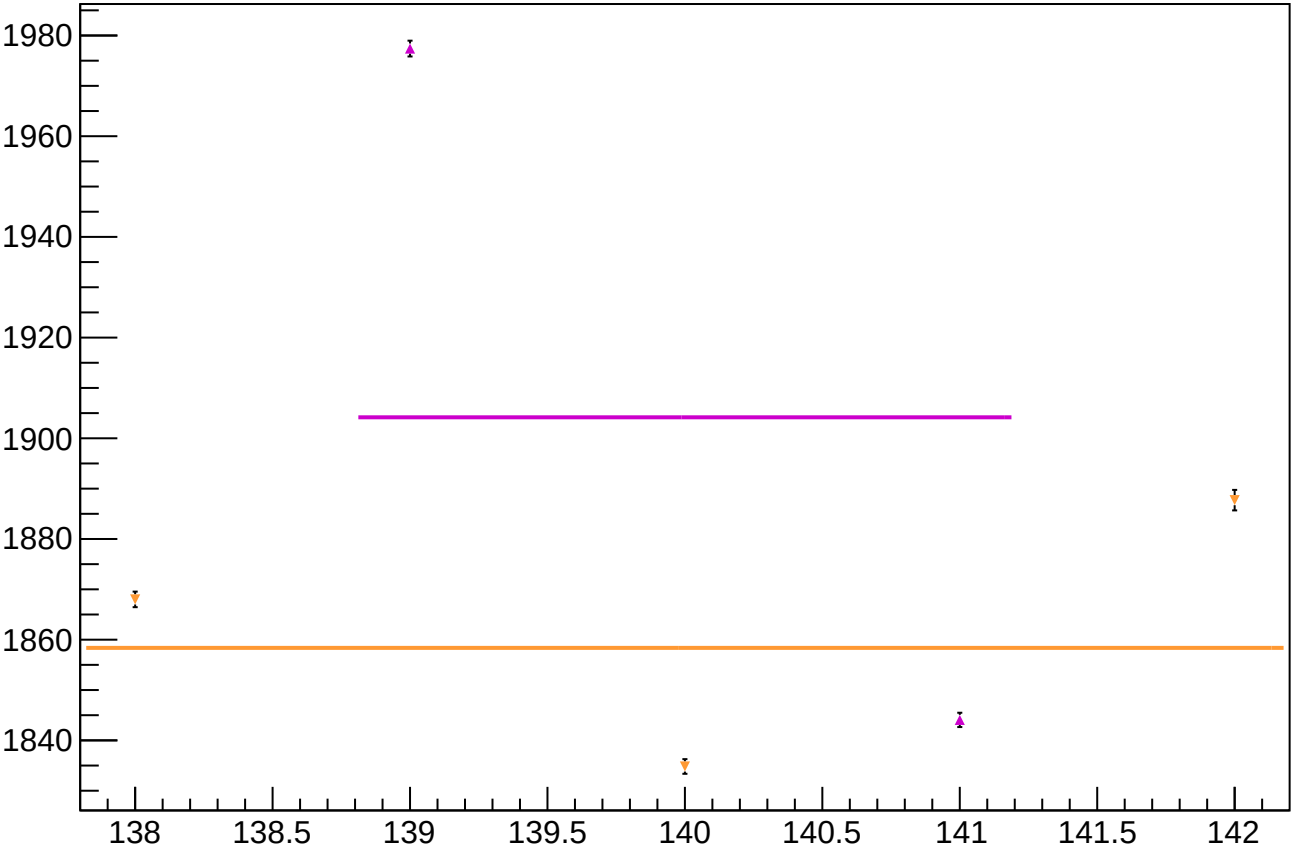
Left In: 3594.316+/-1489.678 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1796.315+/-991.905 χ^2/NDF: 4.2/4

- 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: 1858.372+/-0.940 χ^2/NDF:508.1/2

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

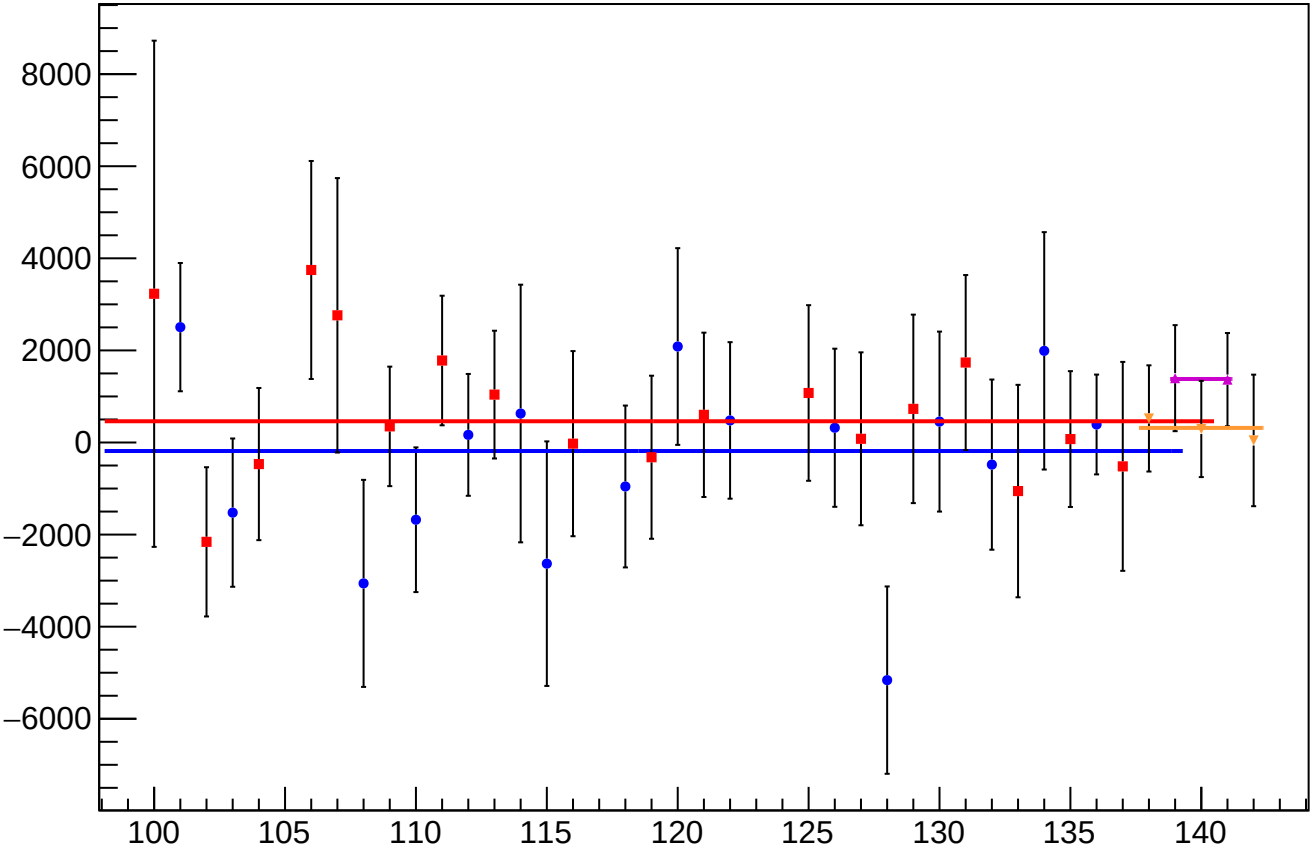
Left In: 1904.167+/-1.053 χ^2/NDF:3966.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1878.676+/-0.701 χ^2/NDF: 5527.1/4

- 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: 316.821+/-680.646 χ^2/NDF:0.1/2

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

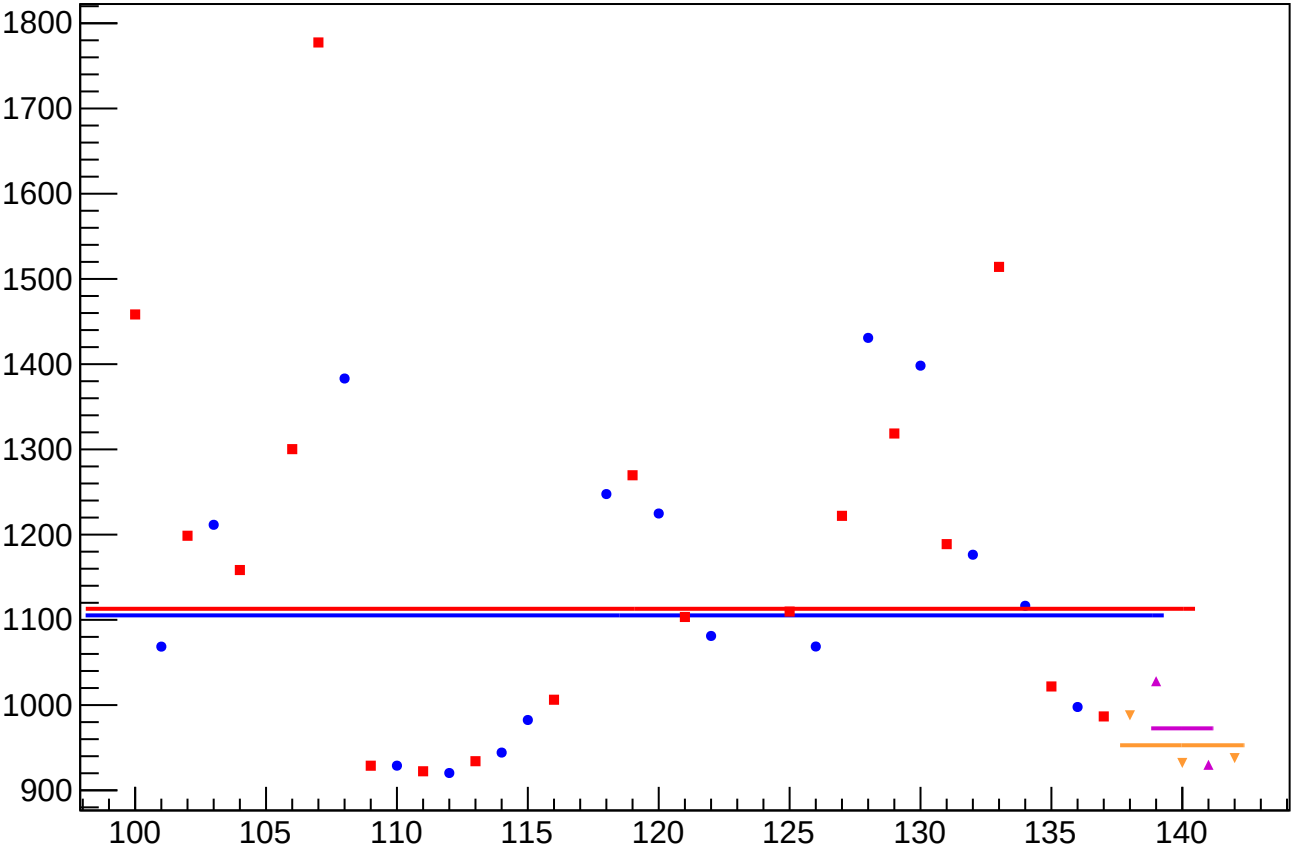
Left In: 1379.308+/-760.204 χ^2/NDF:0.0/1

+ sign -41.178+/-364.433 χ^2/NDF: 17.1/18

All: 312.441+/-260.409 χ^2/NDF: 28.4/38

- sign 681.369+/-372.239 χ^2/NDF: 9.4/19

asym_us_dd_rms vs Slug



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

Left Out: 952.851+/-0.481 χ^2/NDF:2868.7/2

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

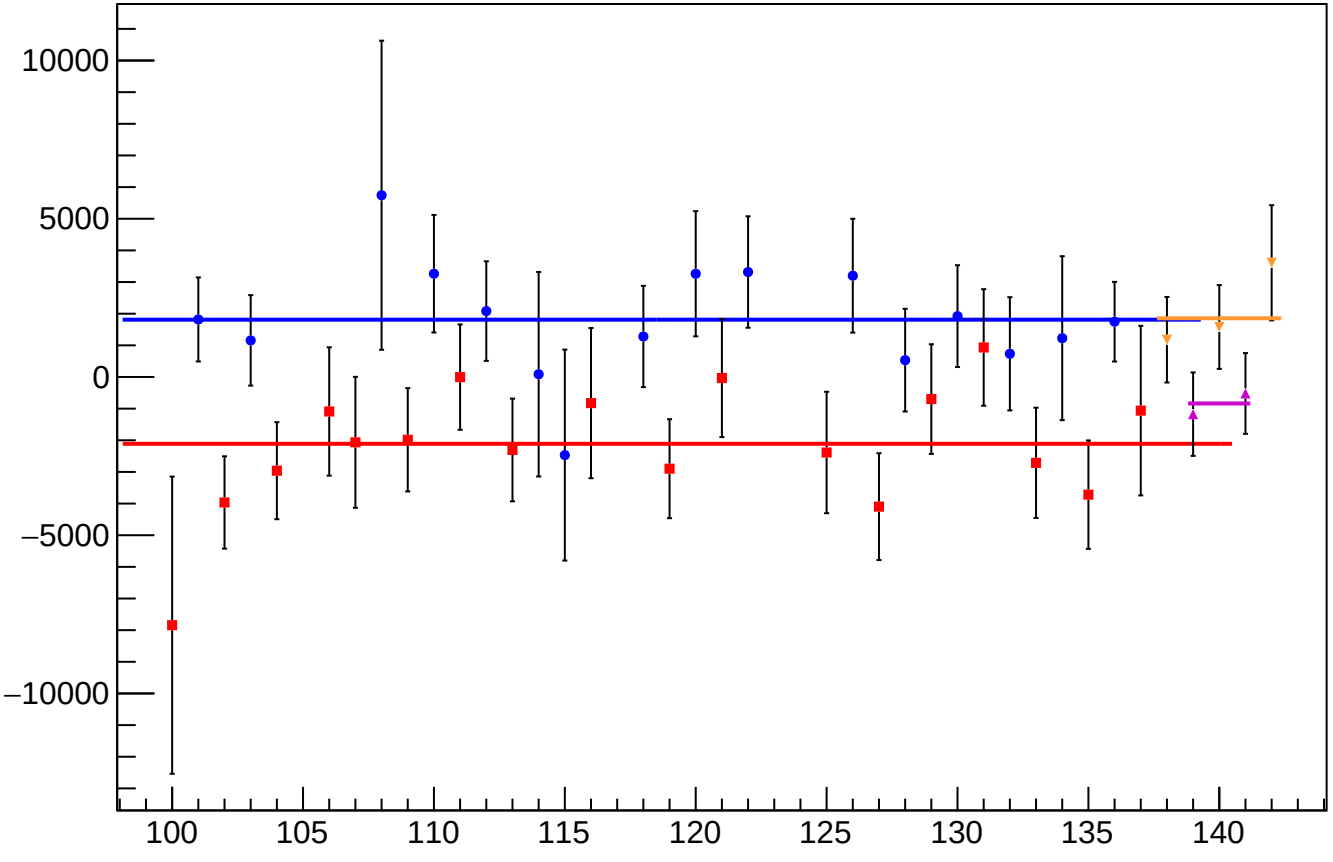
Left In: 972.687+/-0.538 χ^2/NDF:8183.4/1

+ sign 1061.550+/-0.258 χ^2/NDF: 329742.9/18

All: 1070.256+/-0.184 χ^2/NDF: 755032.9/38

- sign 1079.338+/-0.263 χ^2/NDF: 422958.1/19

dit_asym_usl_mean vs Slug



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

Left Out: 1855.950+/-839.208 χ^2/NDF:1.2/2

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

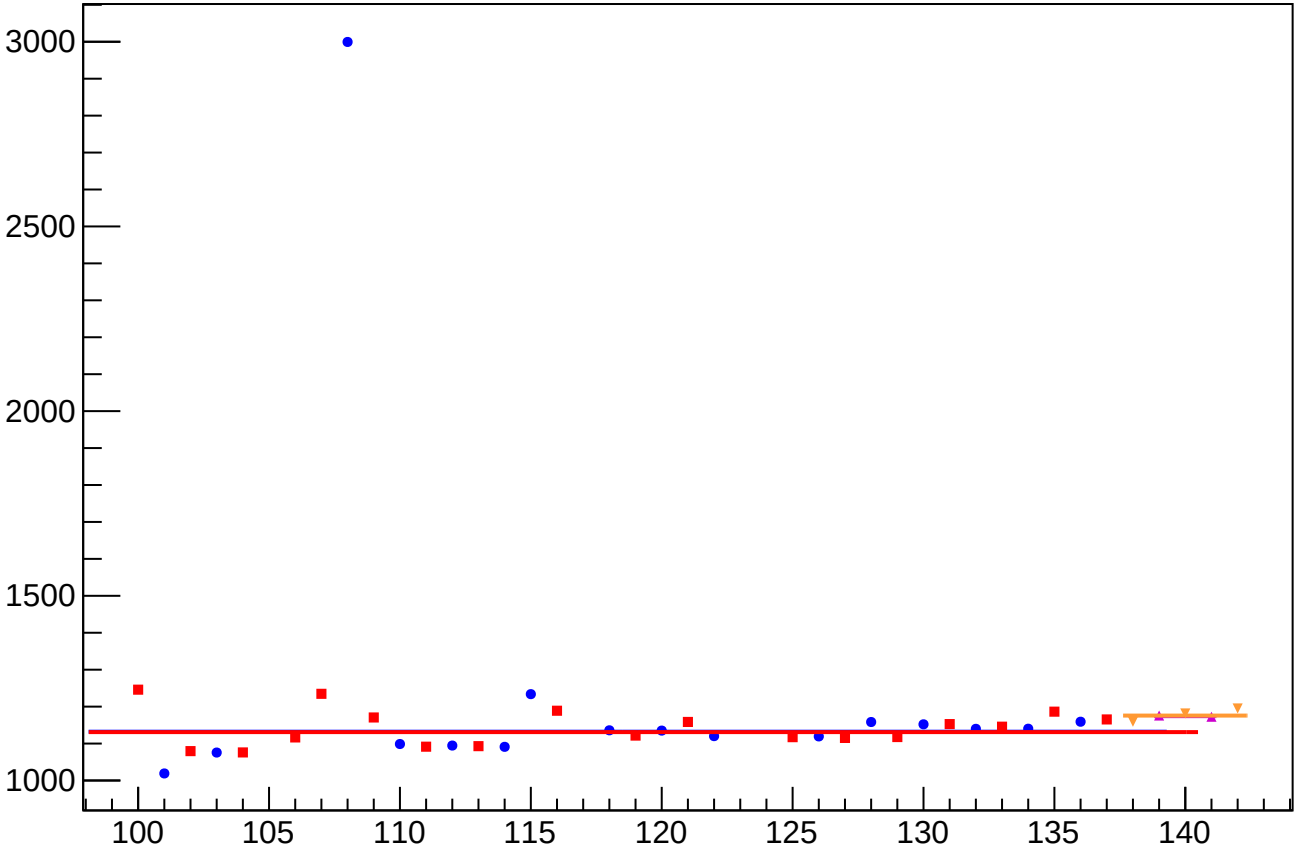
Left In: -836.718+/-916.903 χ^2/NDF:0.1/1

+ sign 1820.808+/-391.172 χ^2/NDF: 7.7/18

All: -48.298+/-275.324 χ^2/NDF: 67.7/38

- sign -1883.306+/-387.587 χ^2/NDF: 14.7/19

dit_asym_usl_rms vs Slug



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

Left Out: 1175.750+/-0.593 χ^2/NDF:563.9/2

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

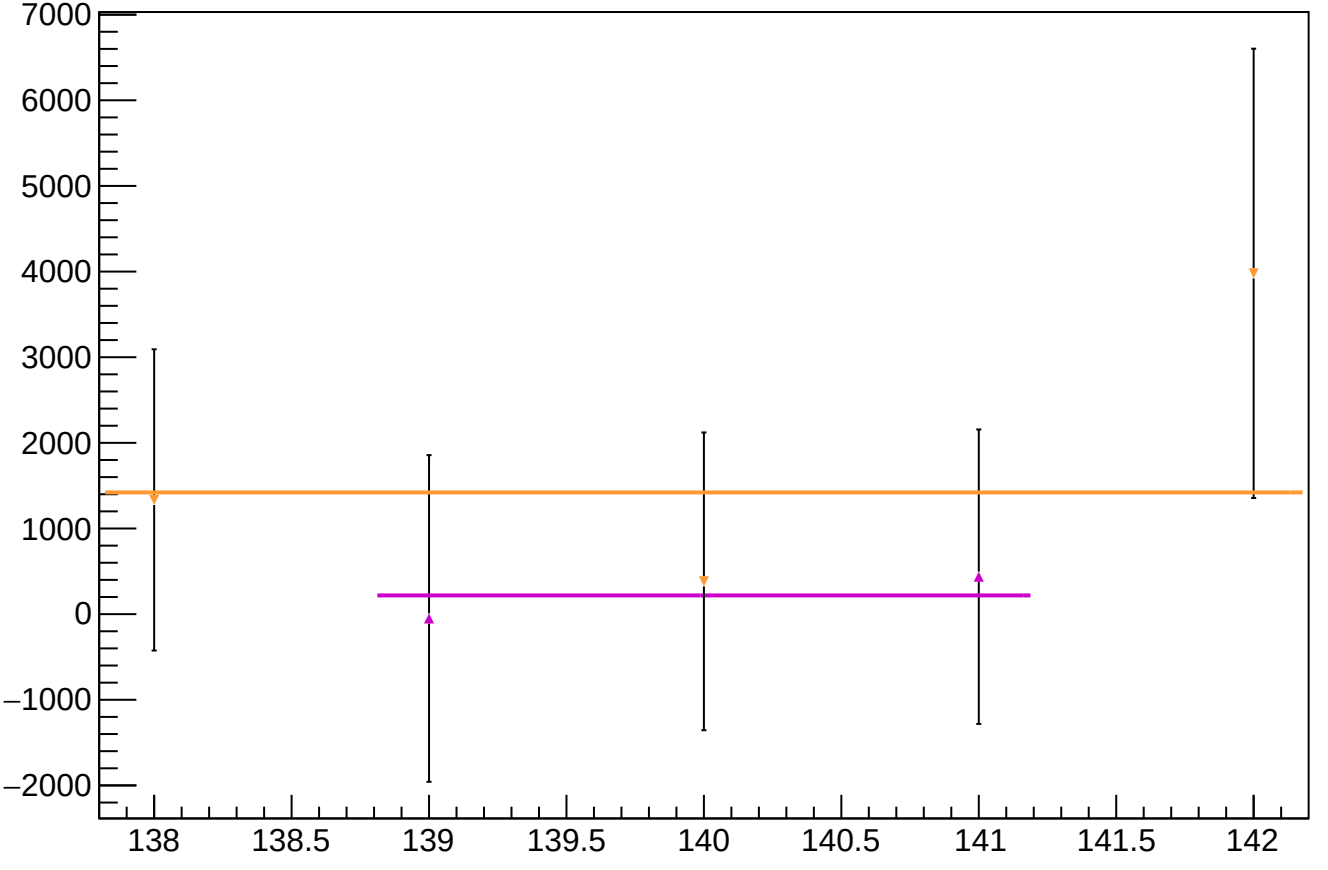
Left In: 1174.213+/-0.648 χ^2/NDF:6.3/1

+ sign 1141.564+/-0.277 χ^2/NDF: 320830.3/18

All: 1140.136+/-0.195 χ^2/NDF: 344254.3/38

- sign 1138.735+/-0.274 χ^2/NDF: 23371.2/19

asym_usl_correction_mean vs Slug



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

Left Out: 1421.048+/-1118.336 χ^2/NDF:1.3/2

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

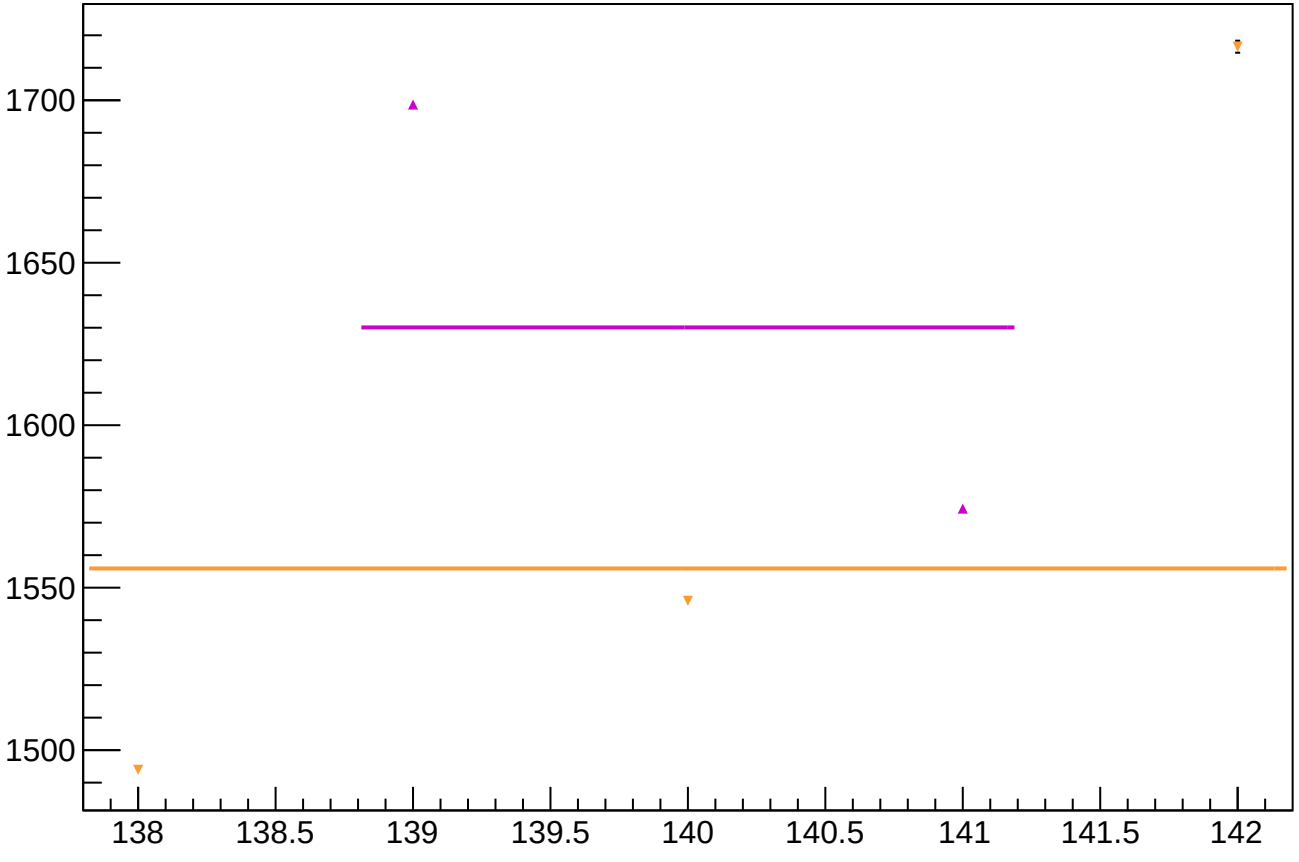
Left In: 218.585+/-1276.915 χ^2/NDF:0.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 899.079+/-841.296 χ^2/NDF: 1.8/4

- 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: 1555.917+/-0.791 χ^2/NDF:10040.7/2

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

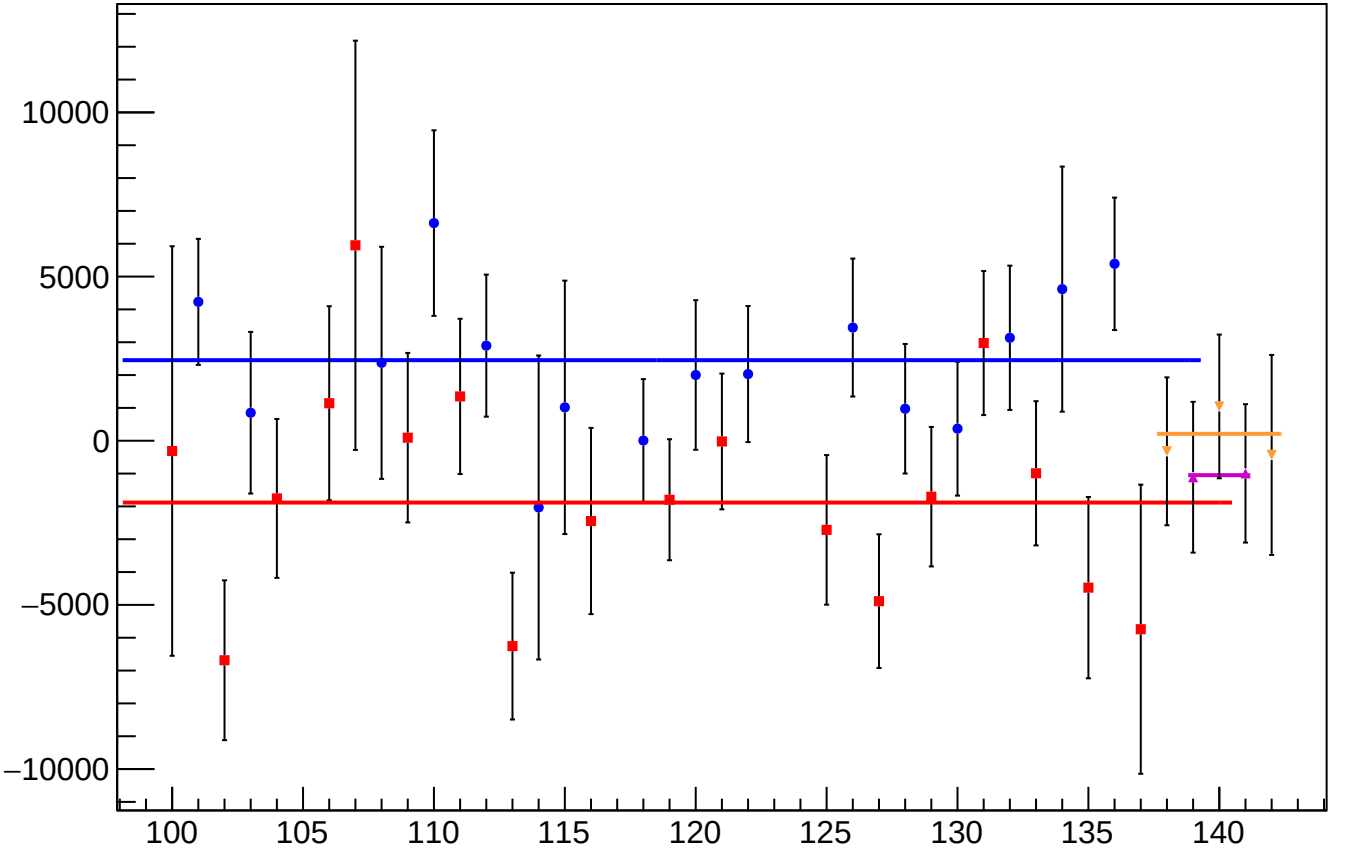
Left In: 1630.088+/-0.903 χ^2/NDF:4690.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1588.114+/-0.595 χ^2/NDF: 18550.3/4

- 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: 210.492+/-1395.362 χ^2/NDF:0.2/2

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

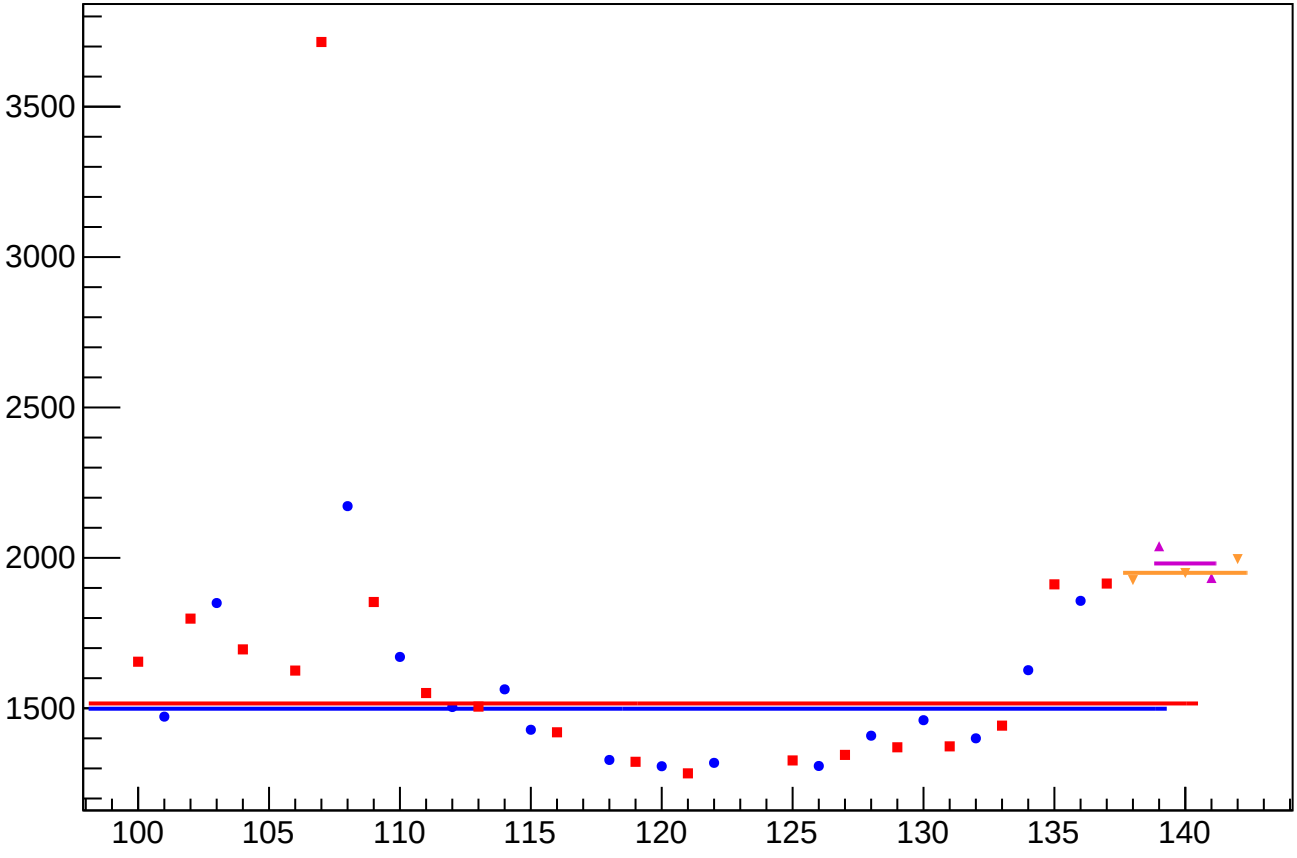
Left In: -1047.914+/-1552.673 χ^2/NDF:0.0/1

+ sign 2119.010+/-538.961 χ^2/NDF: 13.2/18

All: 194.842+/-383.549 χ^2/NDF: 62.0/38

- sign -1779.539+/-545.948 χ^2/NDF: 23.0/19

asym_usl_rms vs Slug



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

Left Out: 1950.273+/-0.987 χ^2/NDF:678.9/2

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

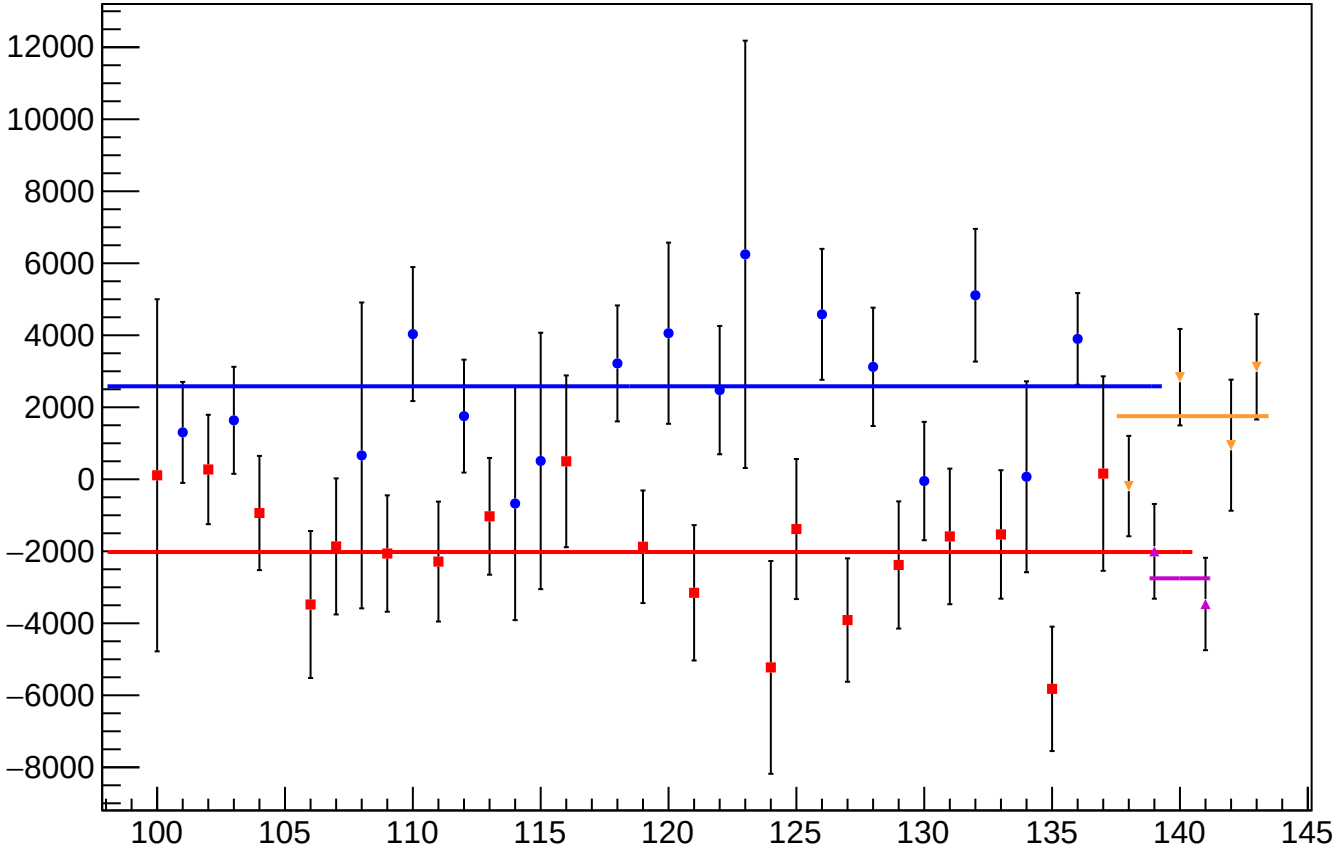
Left In: 1981.406+/-1.098 χ^2/NDF:2294.5/1

+ sign 1565.887+/-0.381 χ^2/NDF: 437871.7/18

All: 1569.642+/-0.271 χ^2/NDF: 1078416.8/38

- sign 1573.496+/-0.386 χ^2/NDF: 640348.4/19

dit_asym_usr_mean vs Slug



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

Left Out: 1753.845+/-736.935 χ^2/NDF:3.7/3

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

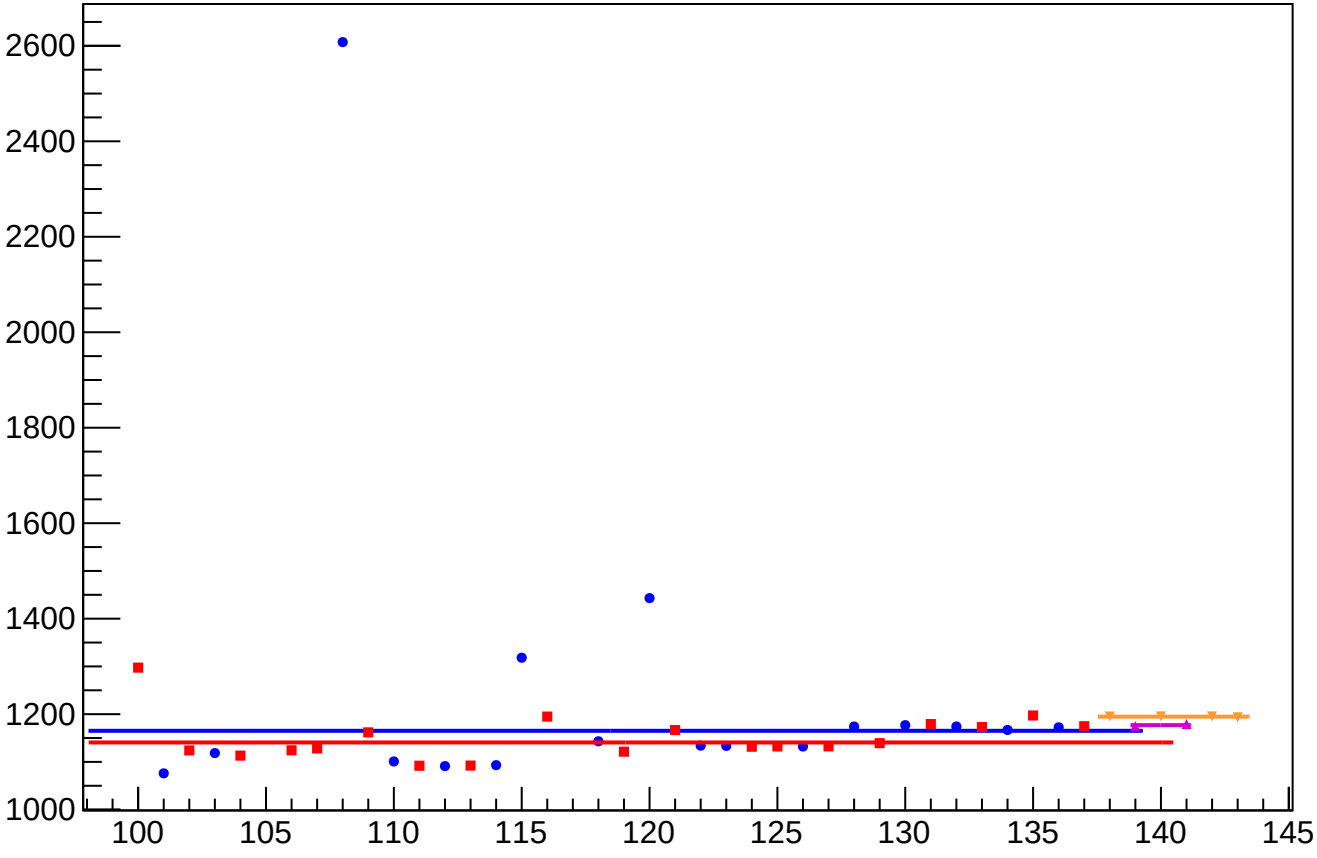
Left In: -2751.120+/-918.642 χ^2/NDF:0.6/1

+ sign 2355.463+/-386.037 χ^2/NDF: 16.9/20

All: 108.342+/-273.321 χ^2/NDF: 99.5/41

- sign -2150.379+/-387.032 χ^2/NDF: 14.6/20

dit_asym_usr_rms vs Slug



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

Left Out: 1194.740+/-0.521 χ^2/NDF:2.3/3

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

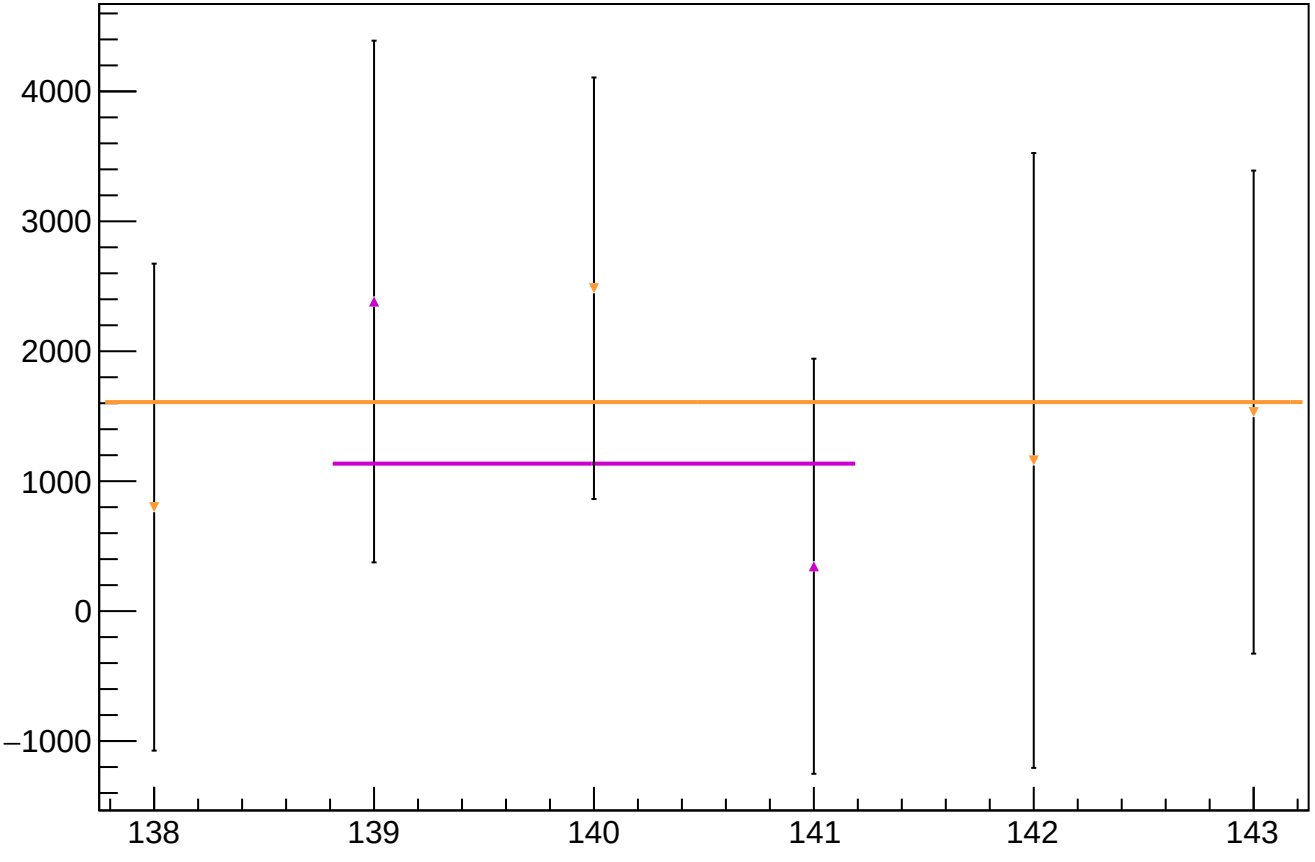
Left In: 1176.982+/-0.650 χ^2/NDF:11.8/1

+ sign 1173.267+/-0.273 χ^2/NDF: 280912.7/20

All: 1160.258+/-0.193 χ^2/NDF: 300754.7/41

- sign 1147.183+/-0.274 χ^2/NDF: 15288.2/20

asym_usr_correction_mean vs Slug



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

Left Out: 1608.845+/-939.582 χ^2/NDF:0.5/3

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

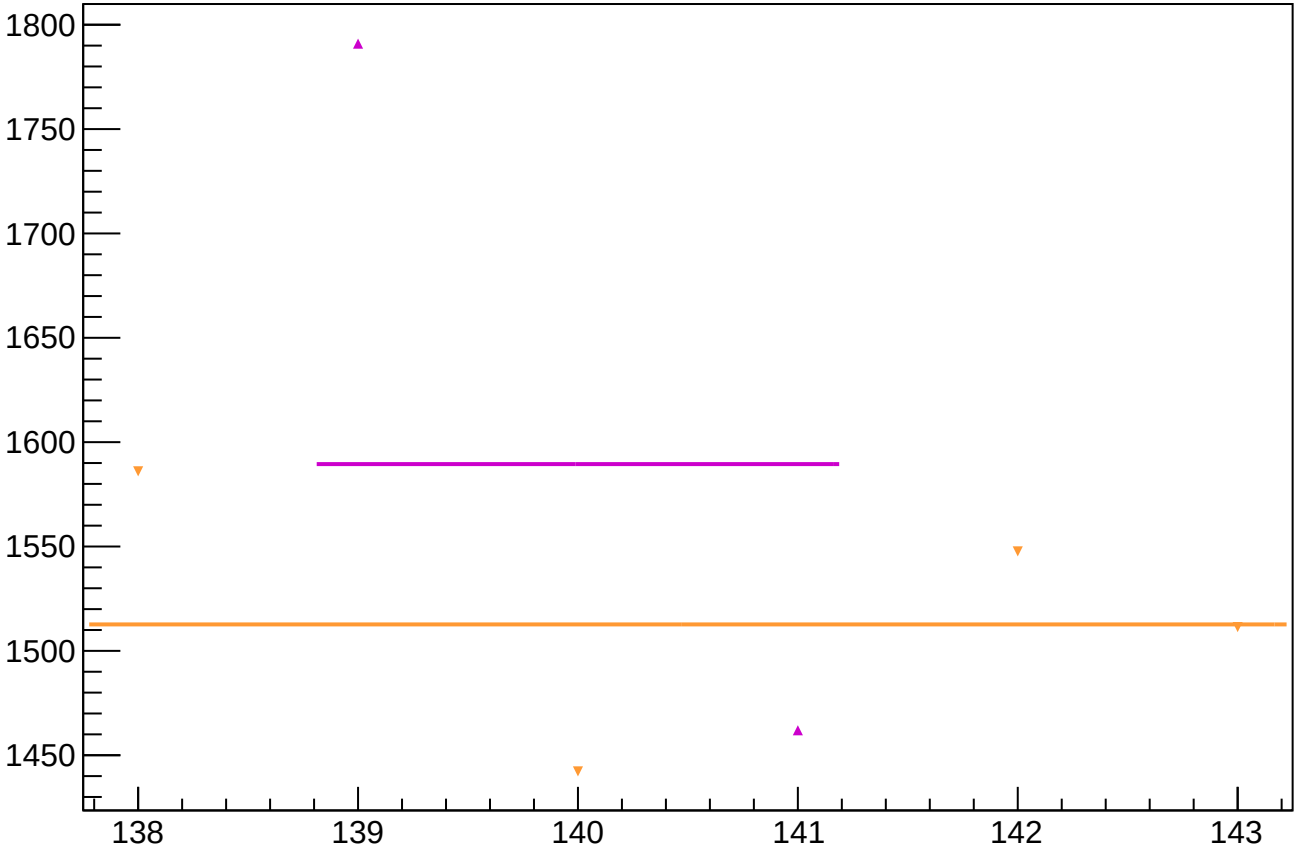
Left In: 1135.038+/-1249.983 χ^2/NDF:0.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1437.787+/-751.061 χ^2/NDF: 1.2/5

- 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: 1512.677+/-0.664 χ^2/NDF:7271.5/3

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

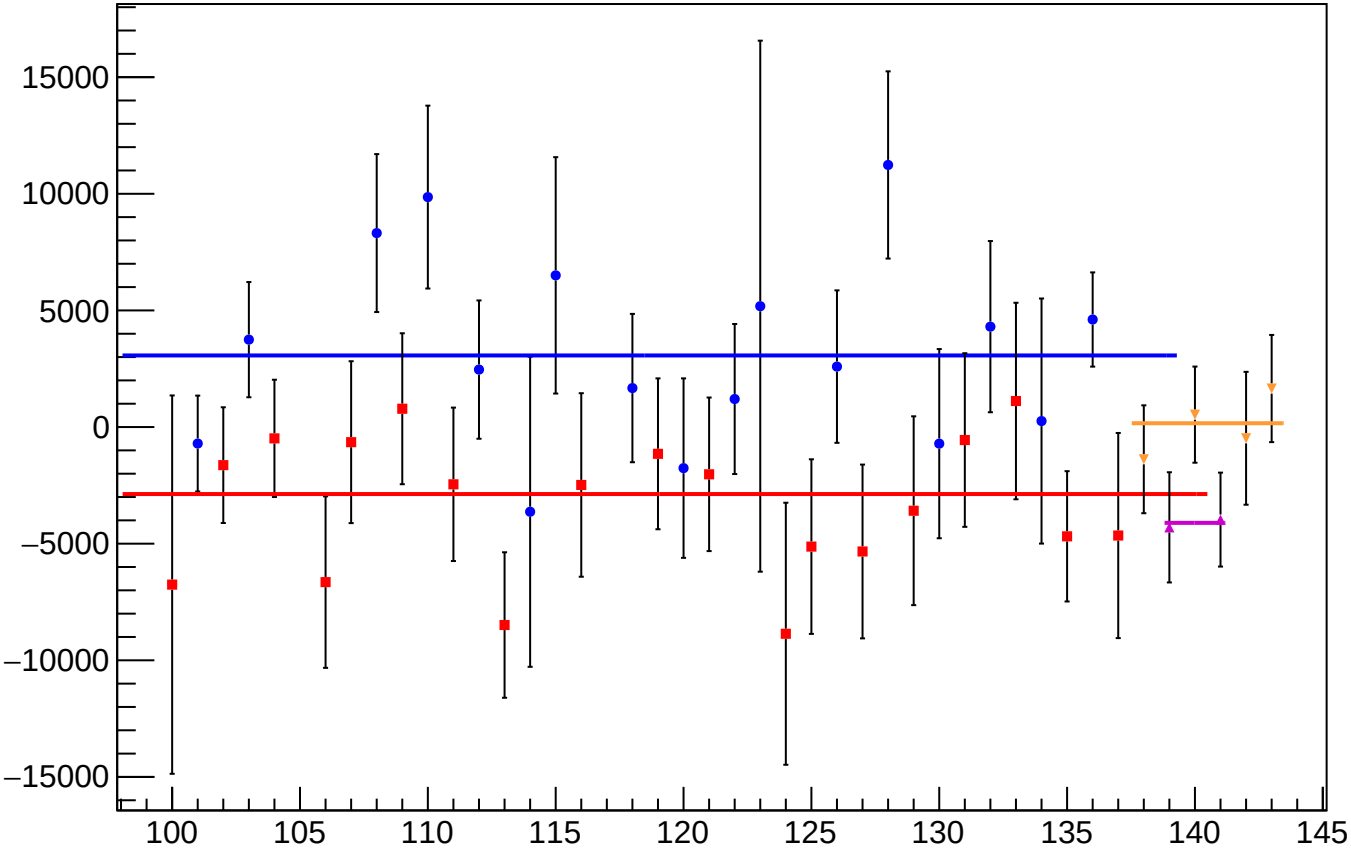
Left In: 1589.488+/-0.884 χ^2/NDF:32885.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1540.408+/-0.531 χ^2/NDF: 44982.8/5

- 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: 163.892+/-1166.364 χ^2/NDF:0.9/3

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

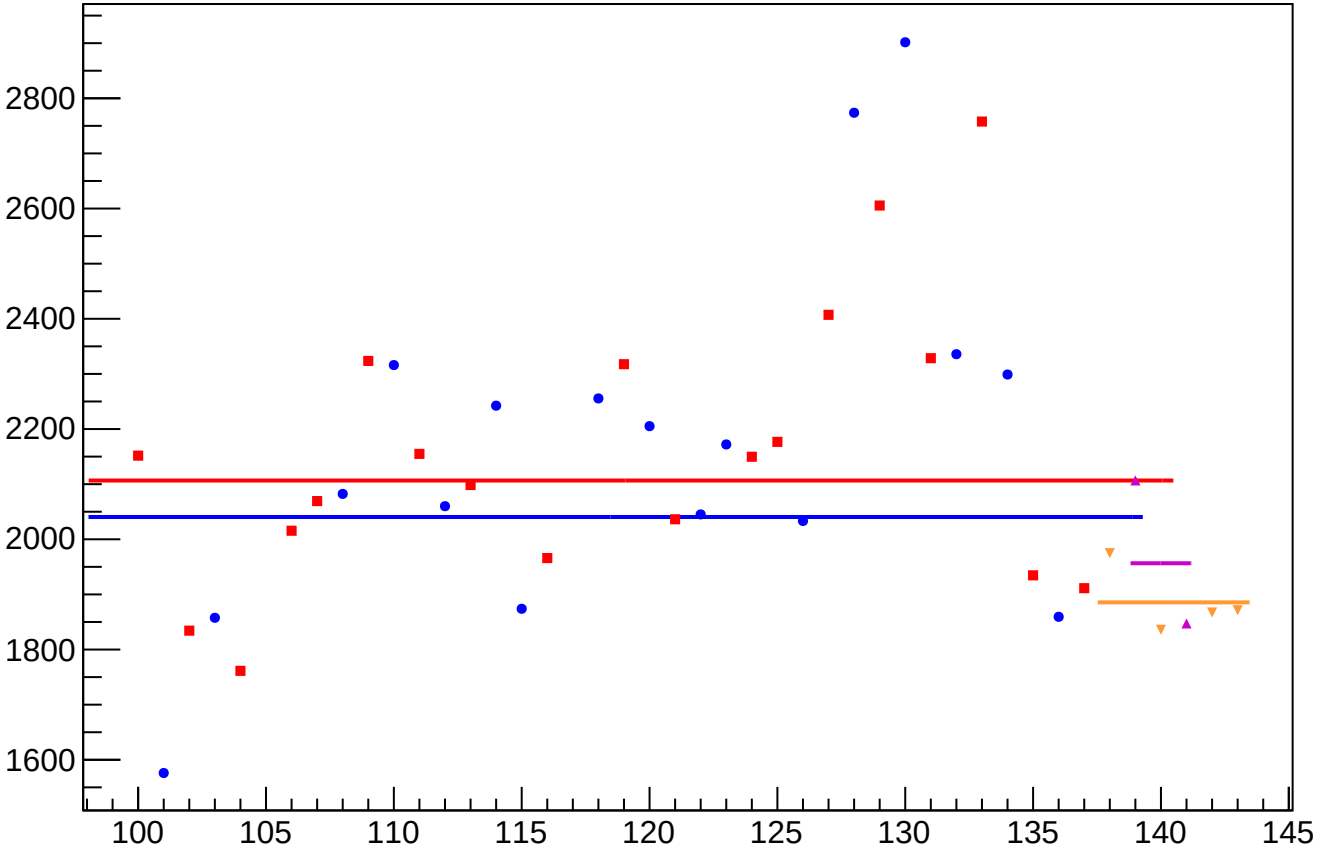
Left In: -4107.605+/-1532.570 χ^2/NDF:0.0/1

+ sign 2143.455+/-658.460 χ^2/NDF: 23.7/20

All: -312.116+/-481.515 χ^2/NDF: 65.7/41

- sign -3134.655+/-705.948 χ^2/NDF: 12.1/20

asym_usr_rms vs Slug



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

Left Out: 1885.591+/-0.825 χ^2/NDF:4301.6/3

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

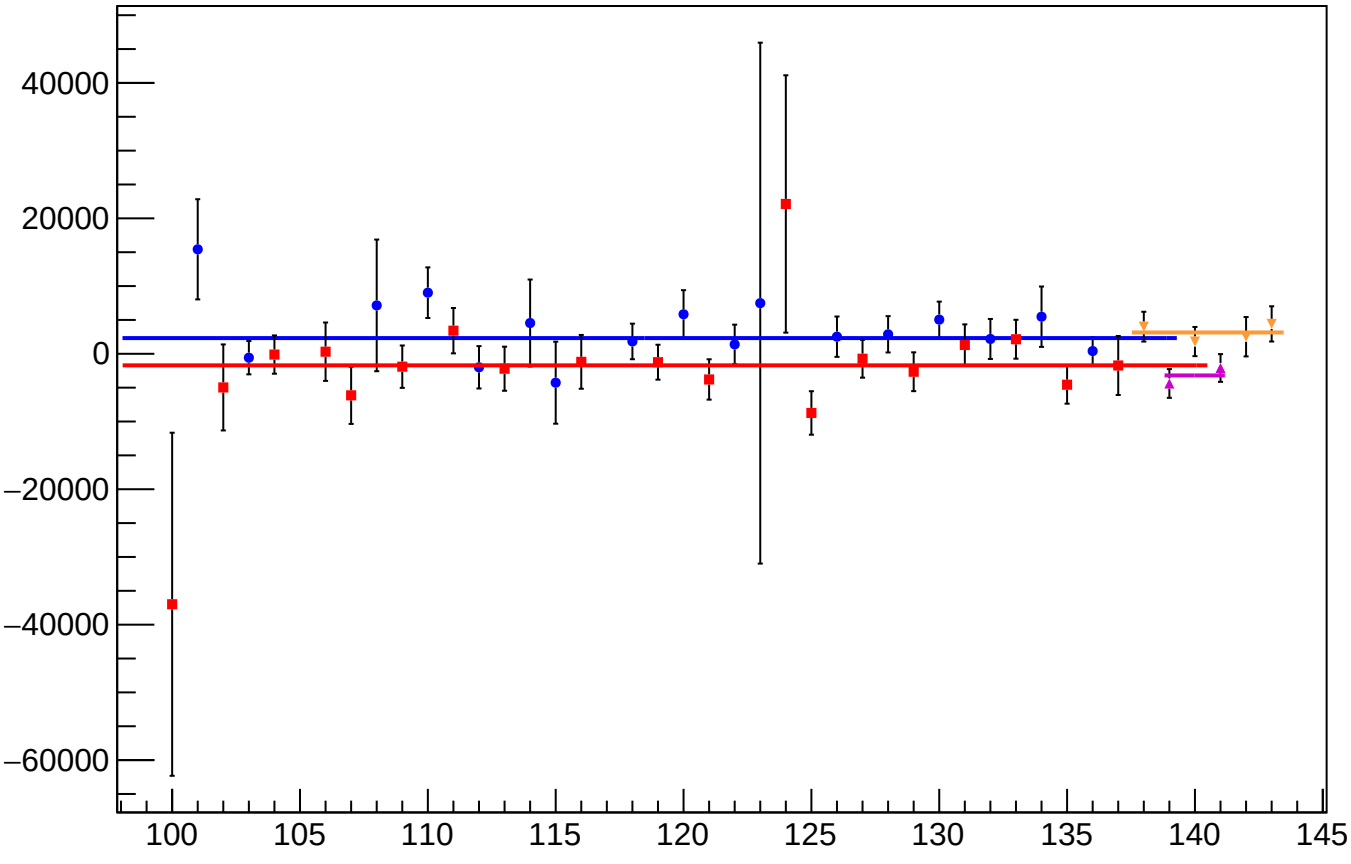
Left In: 1956.558+/-1.084 χ^2/NDF:13977.9/1

+ sign 1991.084+/-0.466 χ^2/NDF: 359656.2/20

All: 2030.024+/-0.340 χ^2/NDF: 599190.3/41

- sign 2074.783+/-0.499 χ^2/NDF: 224499.9/20

dit_asym_at1_avg_mean vs Slug



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

Left Out: 3150.527+/-1205.932 χ^2/NDF:0.8/3

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

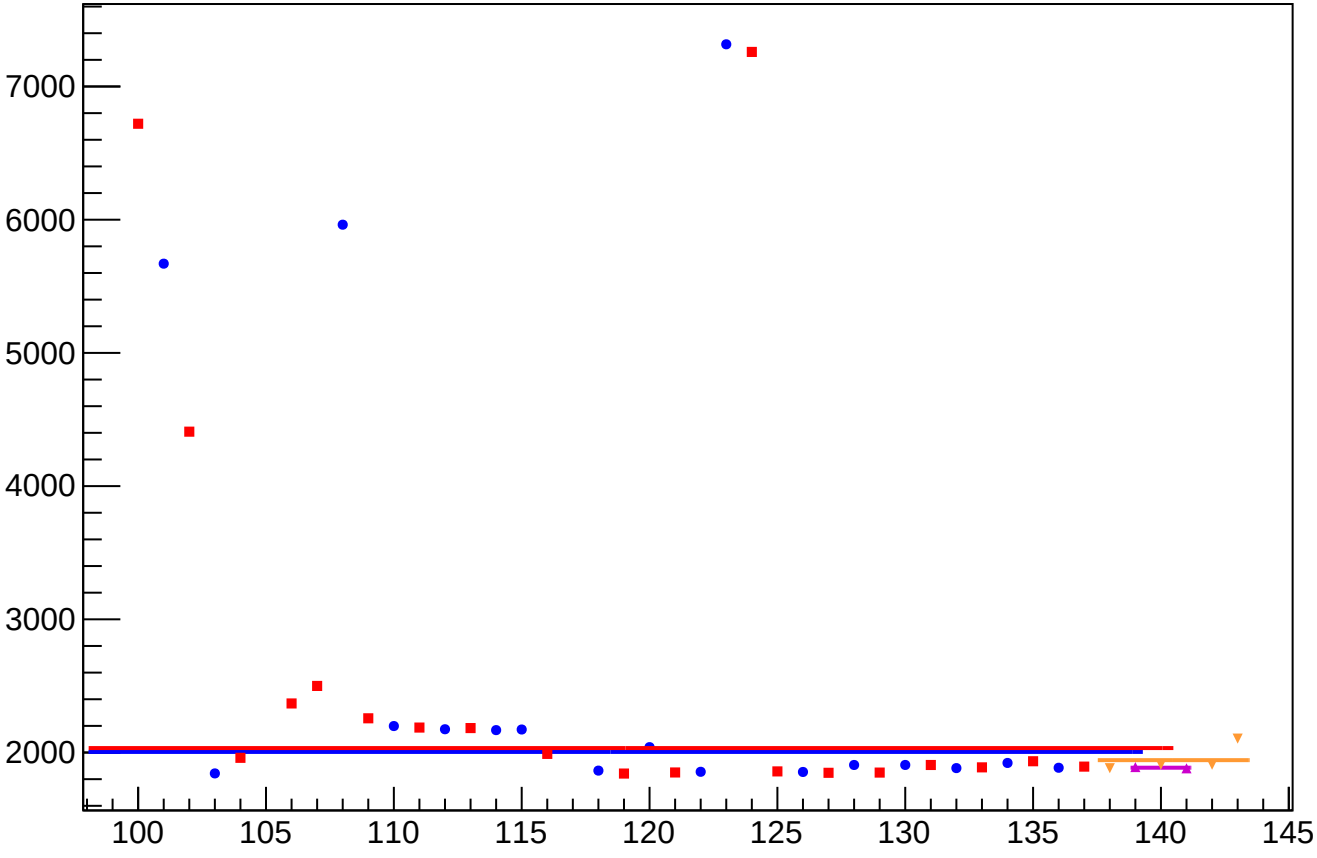
Left In: -3196.500+/-1473.917 χ^2/NDF:0.6/1

+ sign 2573.772+/-667.480 χ^2/NDF: 16.0/20

All: 351.103+/-480.206 χ^2/NDF: 57.5/41

- sign -2033.573+/-691.378 χ^2/NDF: 18.6/20

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1942.799+/-0.853 χ^2/NDF:10008.4/3

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

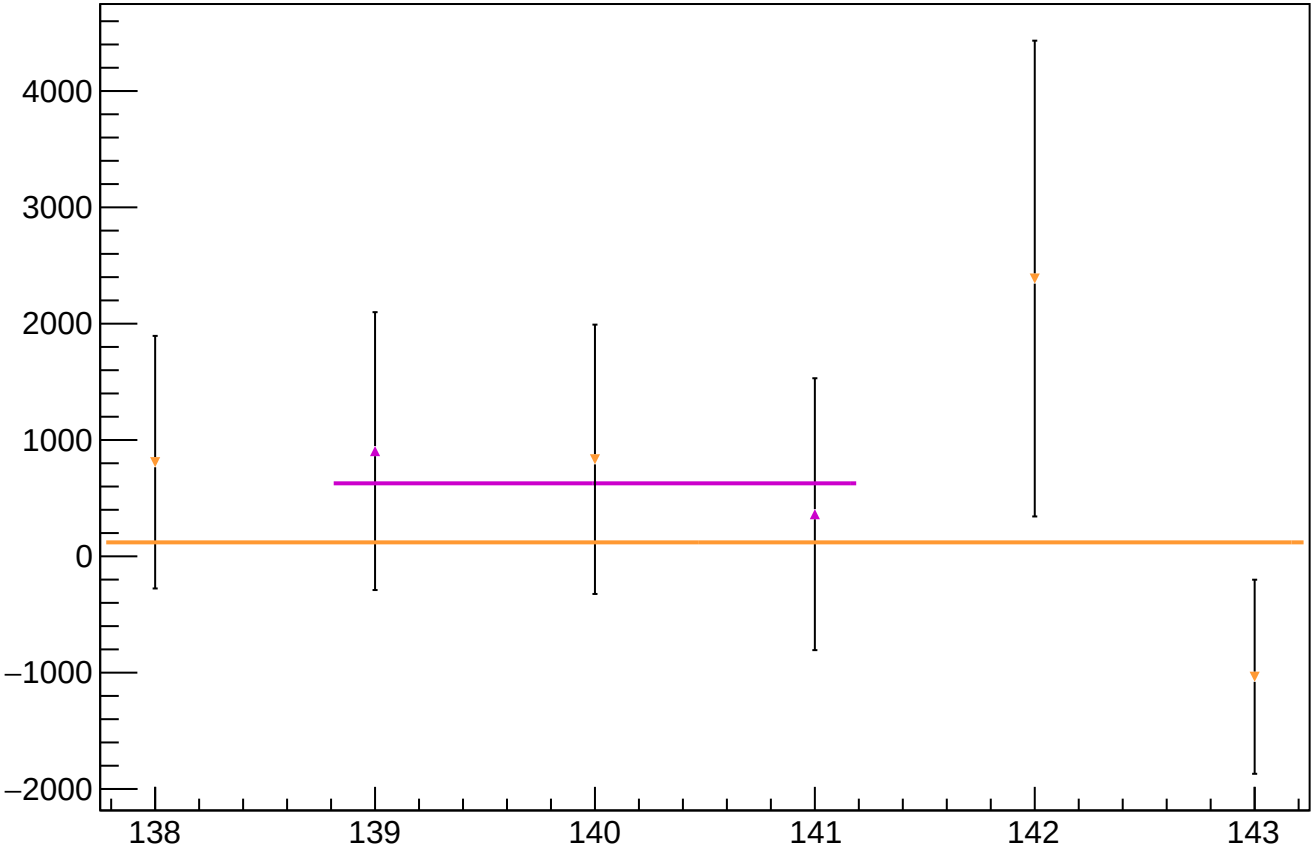
Left In: 1886.053+/-1.042 χ^2/NDF:20.5/1

+ sign 1985.632+/-0.472 χ^2/NDF: 929659.5/20

All: 1993.070+/-0.340 χ^2/NDF: 1556813.6/41

- sign 2001.049+/-0.489 χ^2/NDF: 626639.4/20

asym_at1_avg_correction_mean vs Slug



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

Left Out: 120.047+/-552.954 χ^2/NDF:3.9/3

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

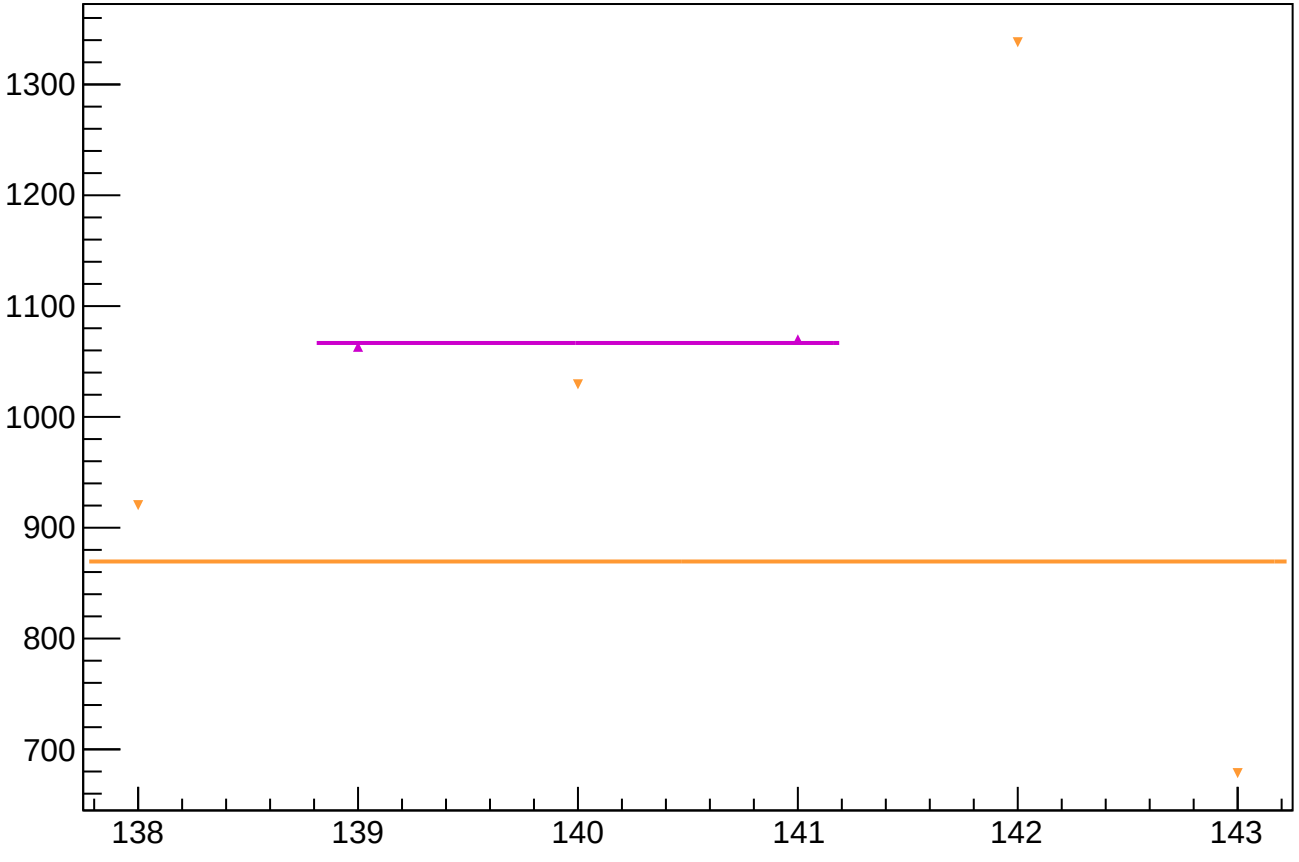
Left In: 627.555+/-835.279 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 274.688+/-461.076 χ^2/NDF: 4.3/5

- 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: 869.527+/-0.391 χ^2/NDF:252343.6/3

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

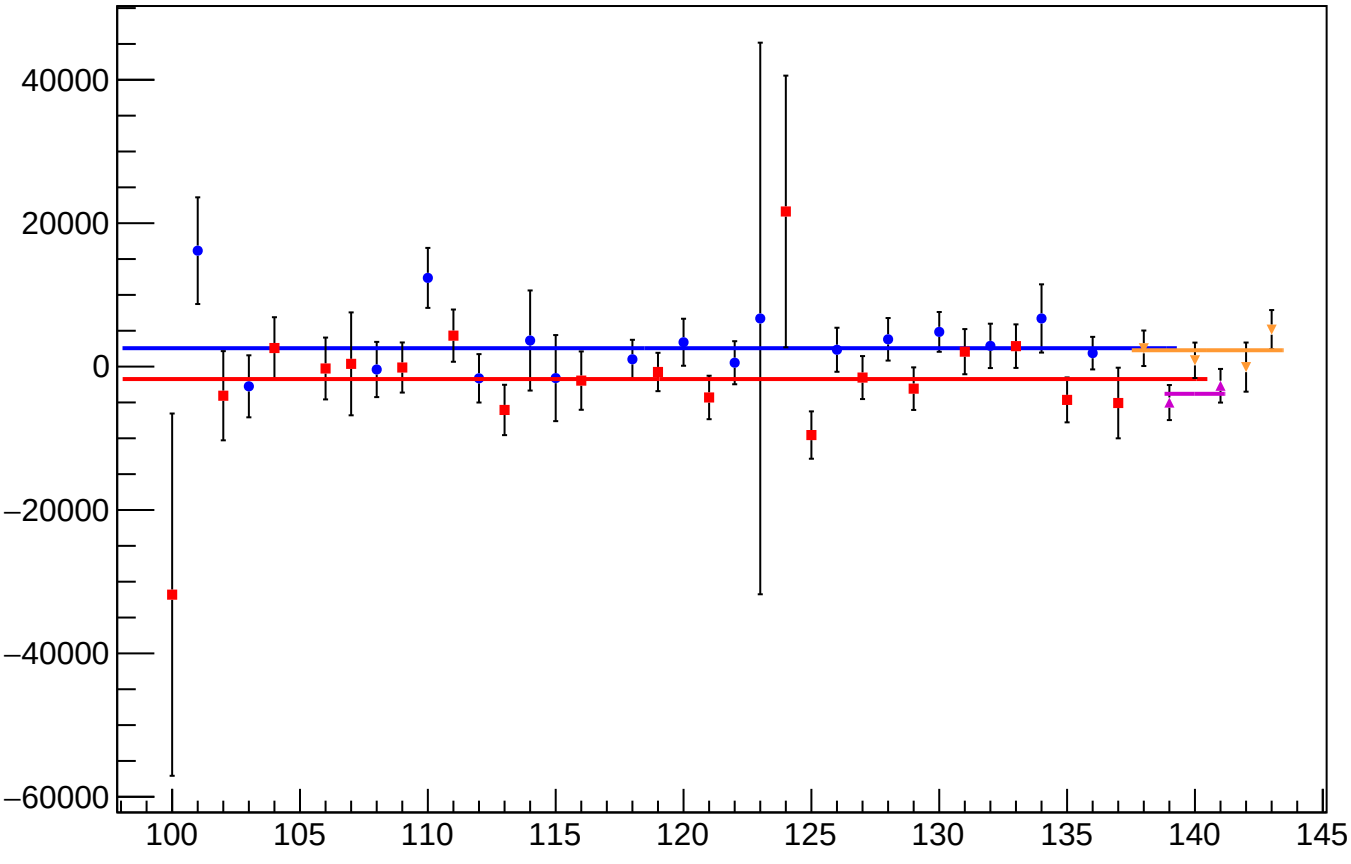
Left In: 1066.719+/-0.591 χ^2/NDF:32.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 929.613+/-0.326 χ^2/NDF: 329878.3/5

- 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: 2279.344+/-1353.190 χ^2/NDF:1.9/3

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

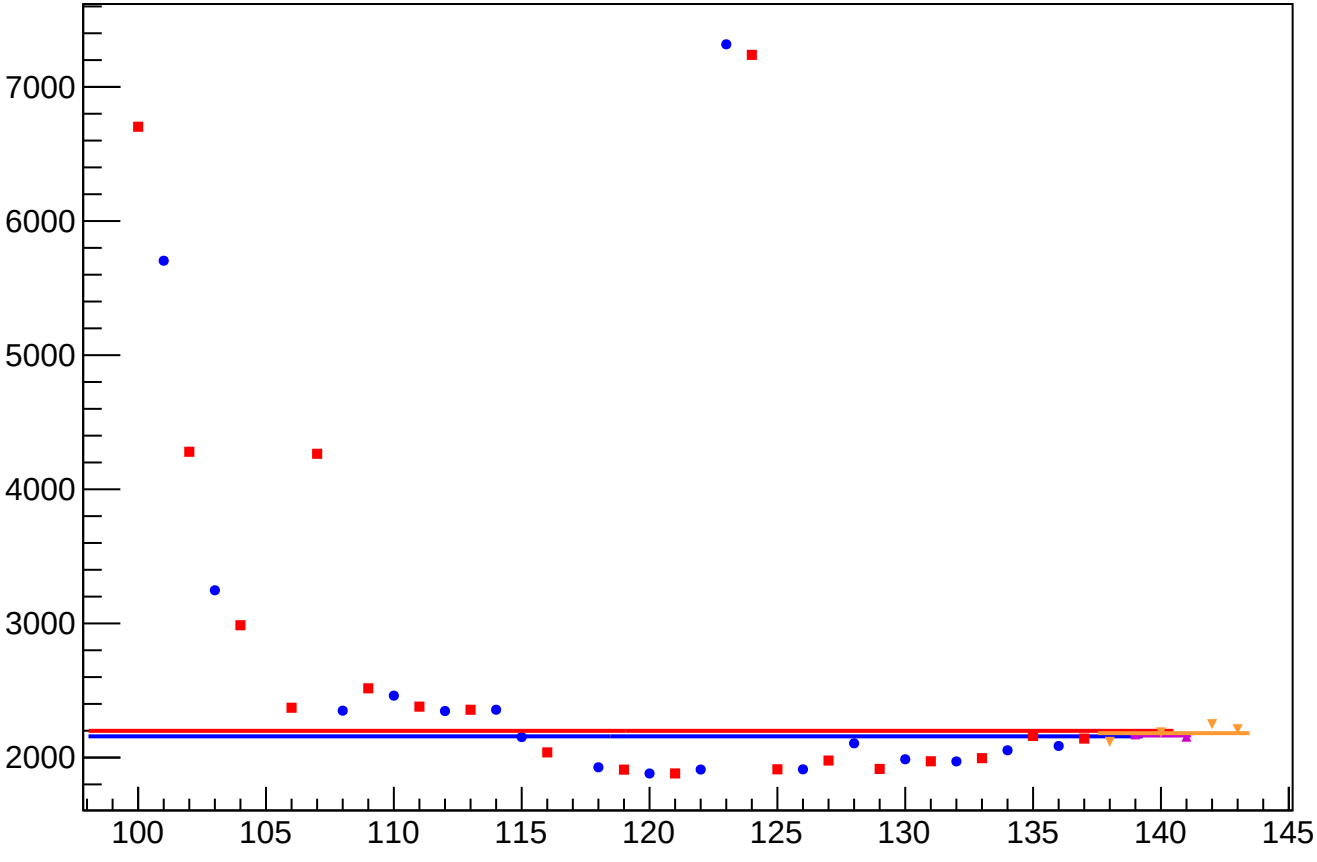
Left In: -3795.944+/-1692.977 χ^2/NDF:0.5/1

+ sign 2484.632+/-723.465 χ^2/NDF: 17.5/20

All: 285.004+/-524.629 χ^2/NDF: 59.2/41

- sign -2154.547+/-761.900 χ^2/NDF: 22.2/20

asym_at1_avg_rms vs Slug



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

Left Out: 2181.985+/-0.957 χ^2/NDF:2364.6/3

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

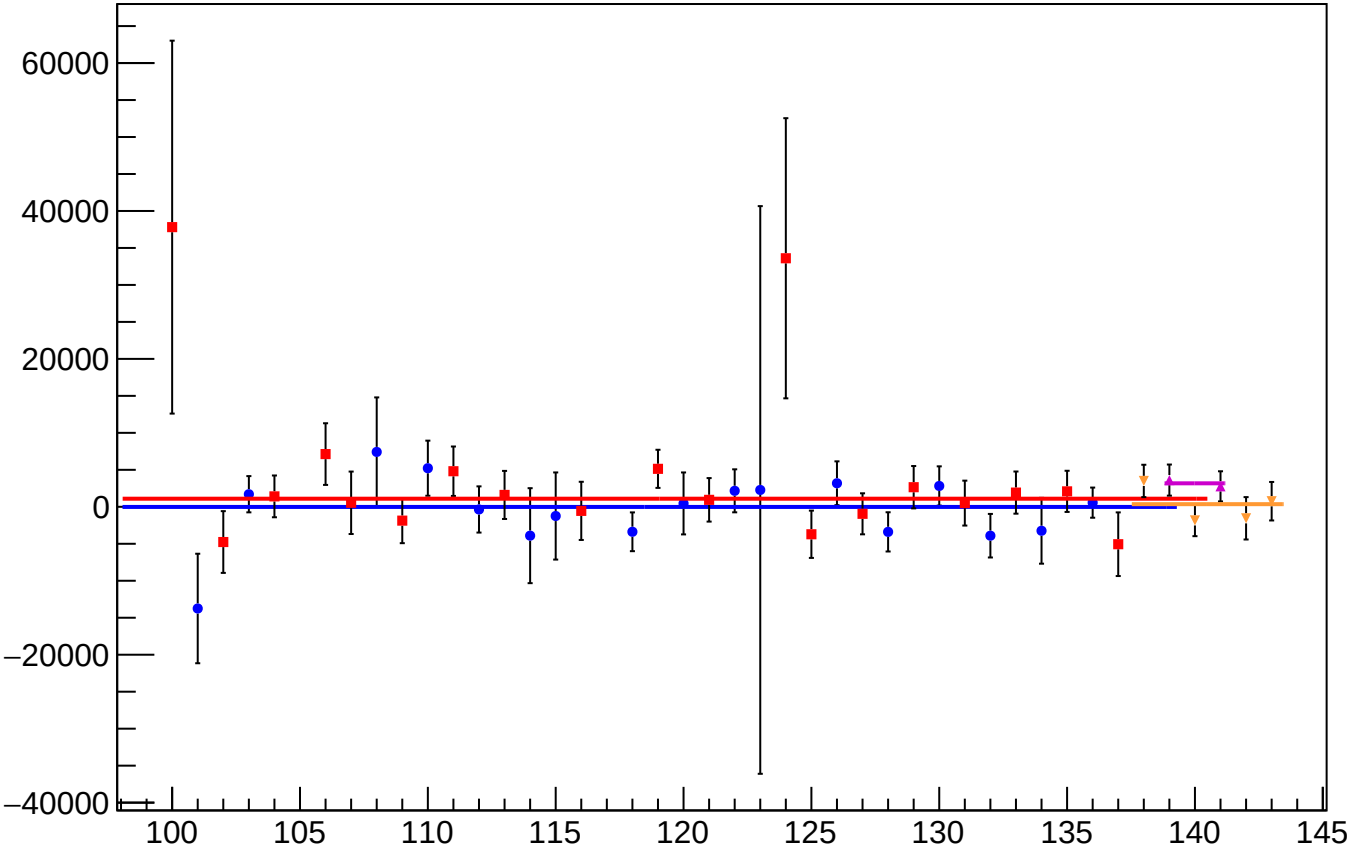
Left In: 2164.424+/-1.197 χ^2/NDF:52.7/1

+ sign 2164.962+/-0.512 χ^2/NDF: 716670.0/20

All: 2177.910+/-0.371 χ^2/NDF: 1521774.4/41

- sign 2192.271+/-0.539 χ^2/NDF: 803753.2/20

dit_asym_at1_dd_mean vs Slug



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

Left Out: 356.374+/-1196.768 χ^2/NDF:3.6/3

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

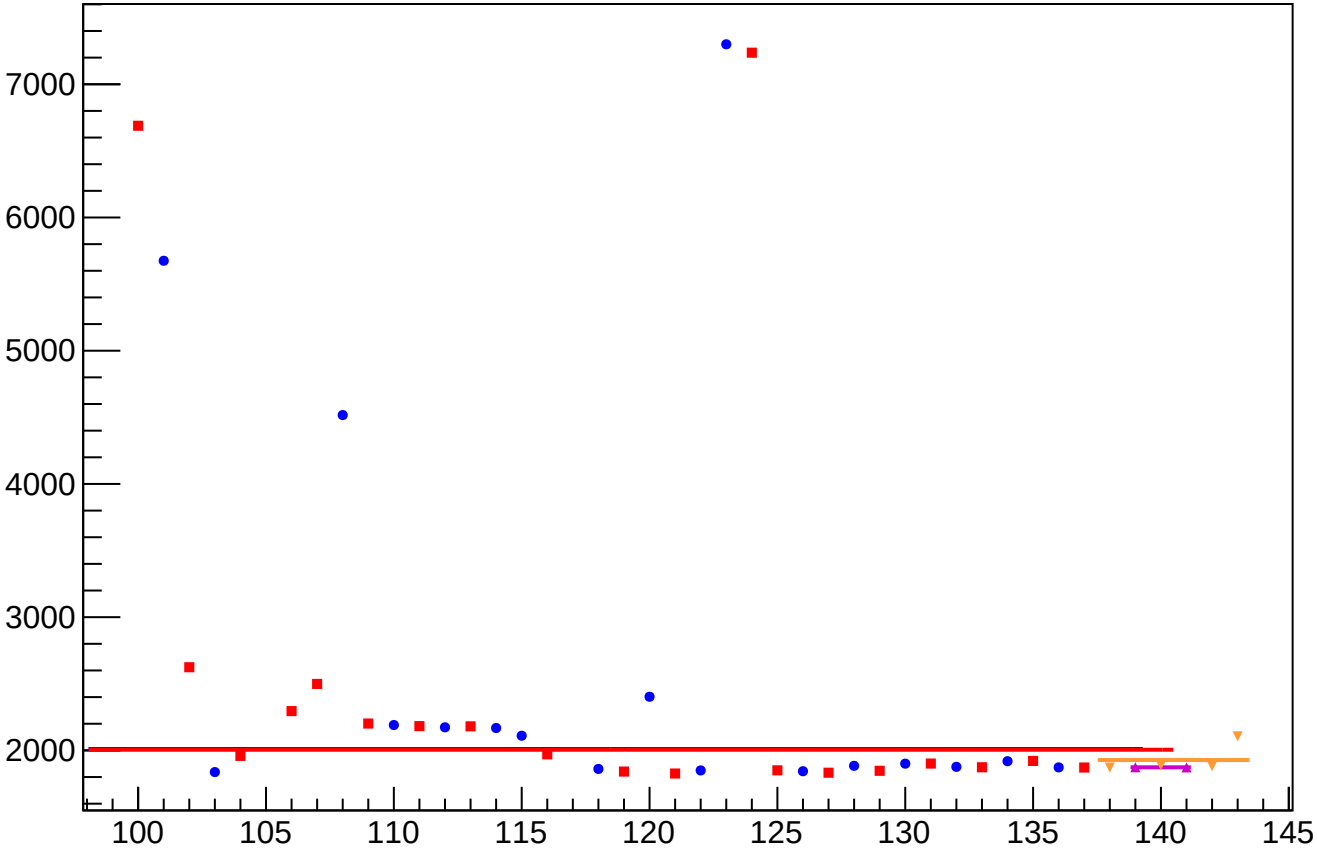
Left In: 3175.418+/-1463.438 χ^2/NDF:0.1/1

+ sign 97.713+/-665.894 χ^2/NDF: 19.5/20

All: 805.438+/-476.191 χ^2/NDF: 42.9/41

- sign 1546.156+/-681.239 χ^2/NDF: 21.1/20

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1927.645+/-0.846 χ^2/NDF:11867.6/3

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

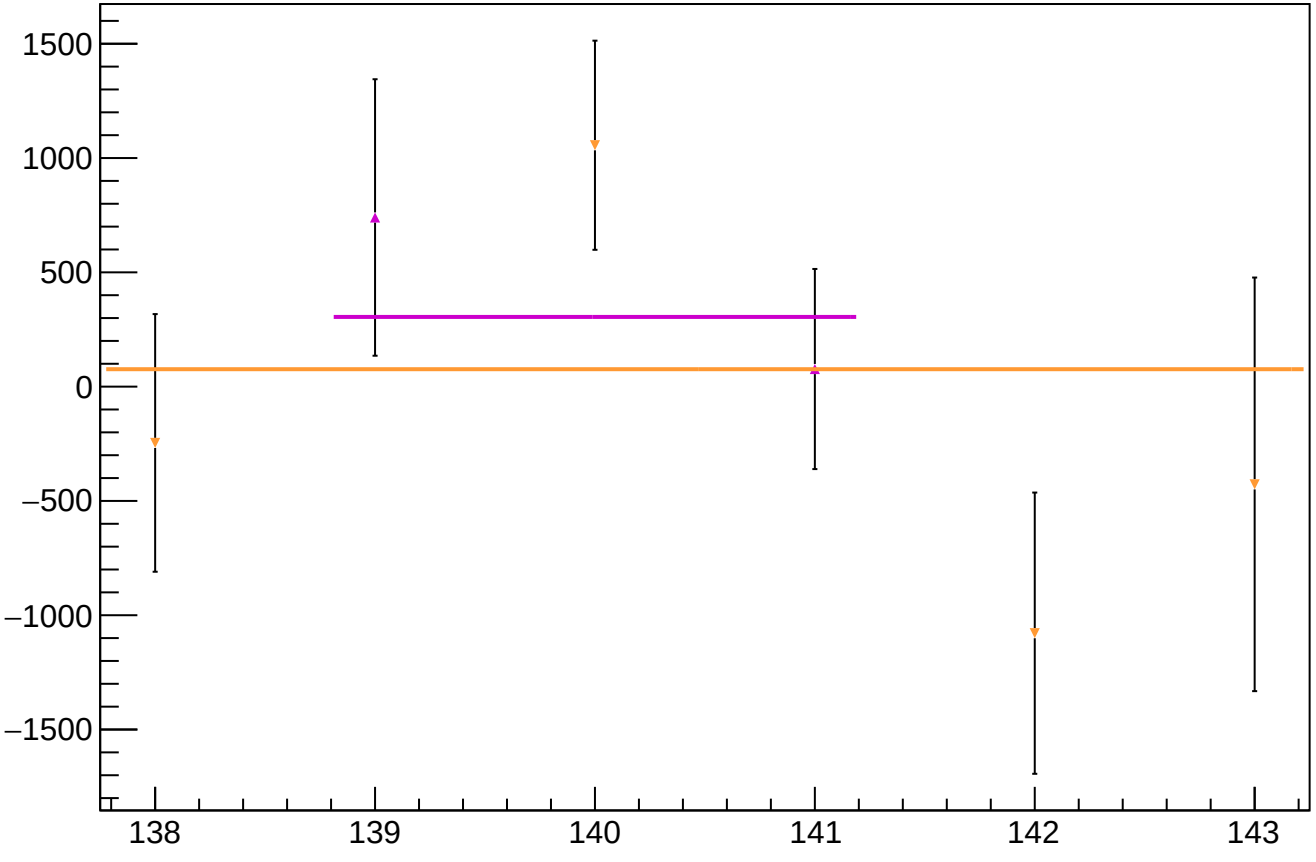
Left In: 1872.998+/-1.035 χ^2/NDF:0.3/1

+ sign 1984.692+/-0.471 χ^2/NDF: 858196.4/20

All: 1980.593+/-0.337 χ^2/NDF: 1238588.0/41

- sign 1976.304+/-0.482 χ^2/NDF: 380236.5/20

asym_at1_dd_correction_mean vs Slug



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

Left Out: 76.257+/-291.209 χ^2/NDF:8.7/3

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

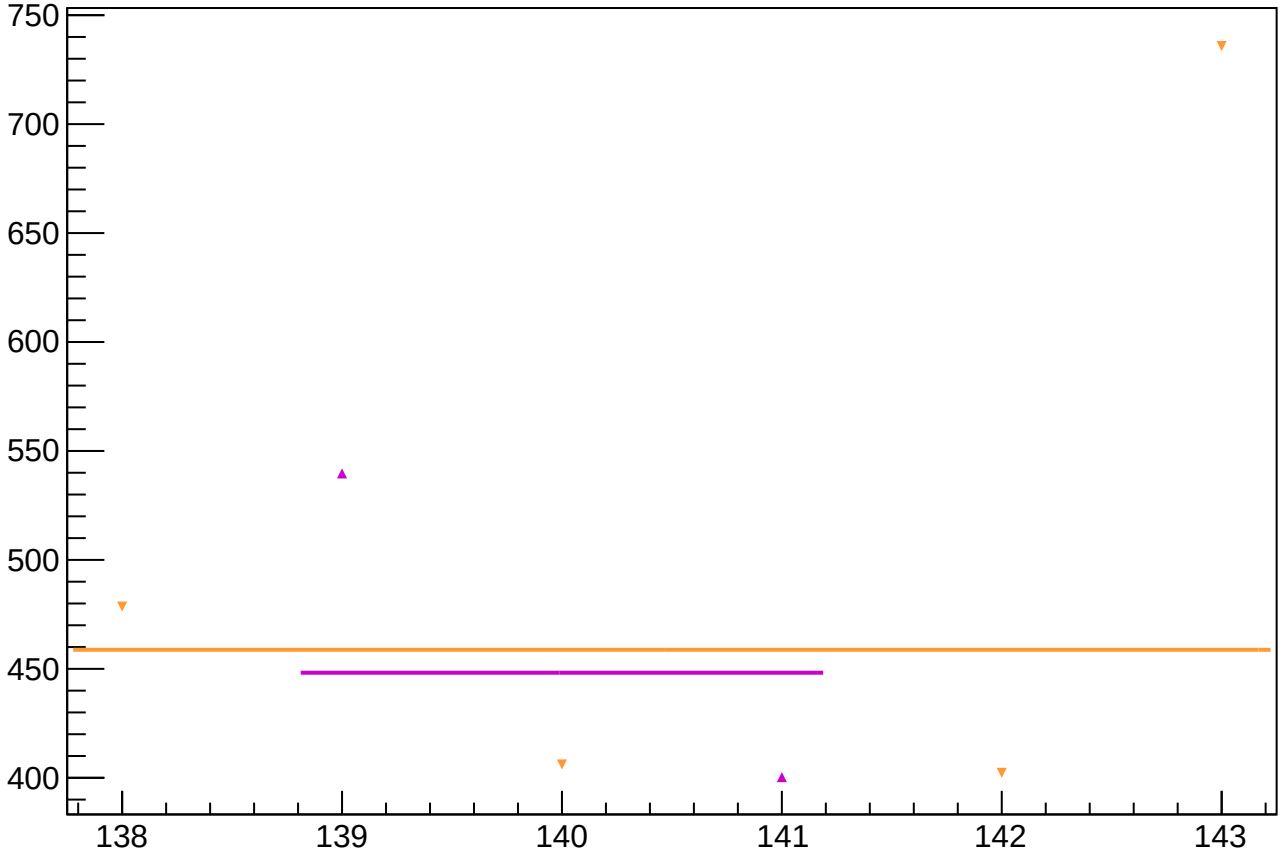
Left In: 304.952+/-354.589 χ^2/NDF:0.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 168.374+/-225.044 χ^2/NDF: 9.8/5

- 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: 458.762+/-0.206 χ^2/NDF:233420.5/3

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

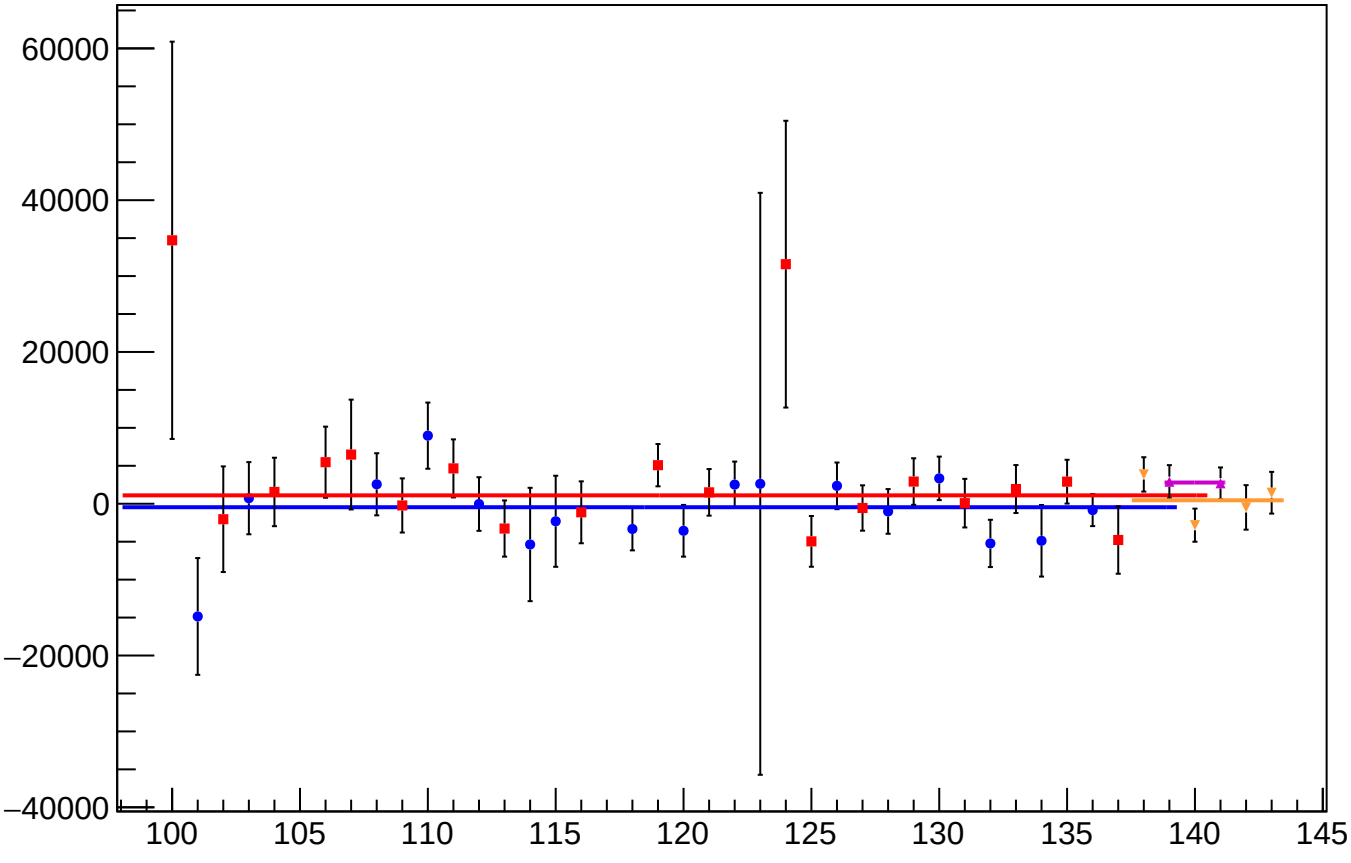
Left In: 448.227+/-0.251 χ^2/NDF:69716.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 454.519+/-0.159 χ^2/NDF: 304191.0/5

- 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: 453.243+/-1236.718 χ^2/NDF:4.8/3

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

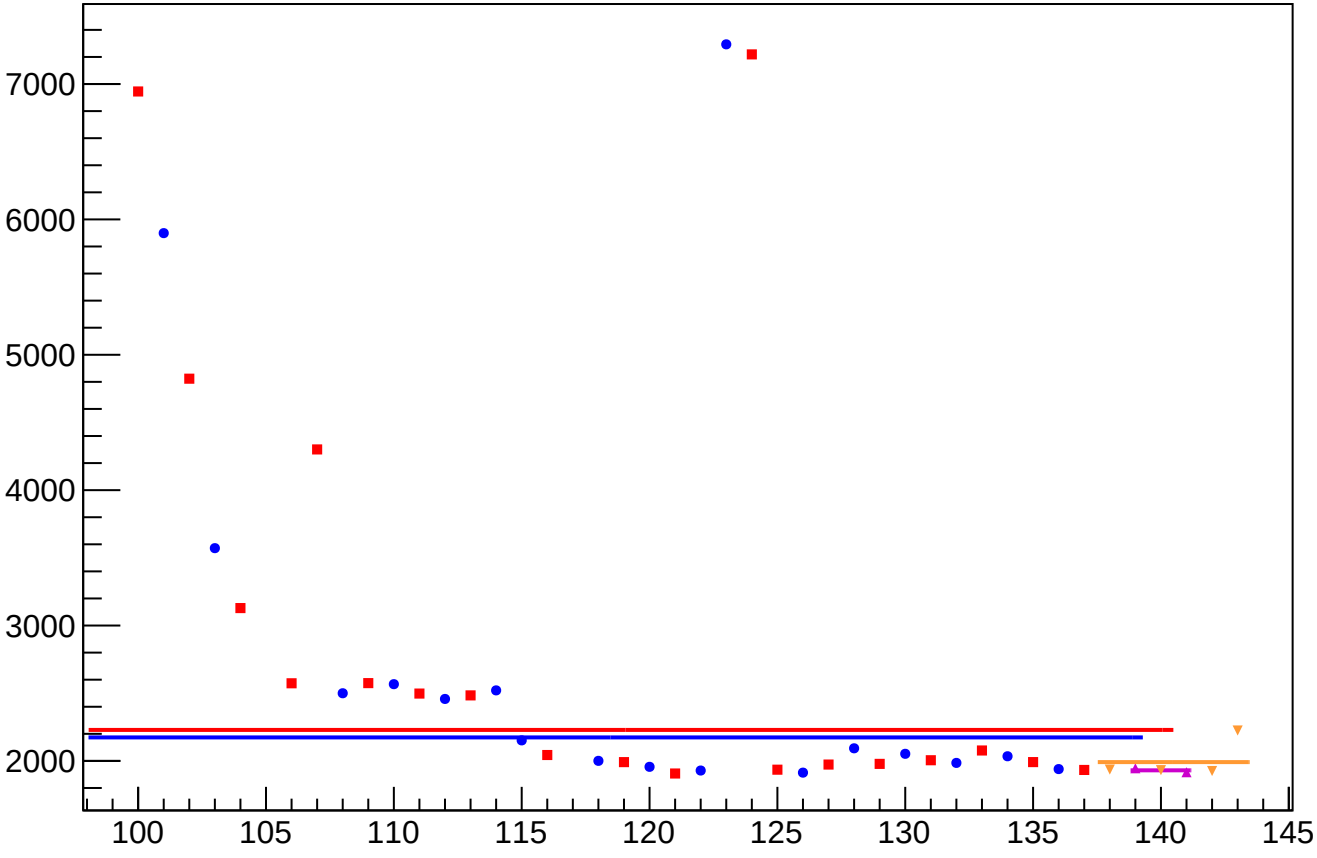
Left In: 2794.247+/-1508.268 χ^2/NDF:0.0/1

+ sign -158.794+/-708.908 χ^2/NDF: 23.2/20

All: 633.338+/-515.760 χ^2/NDF: 43.7/41

- sign 1524.147+/-751.767 χ^2/NDF: 17.9/20

asym_at1_dd_rms vs Slug



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

Left Out: 1991.209+/-0.874 χ^2/NDF:18095.5/3

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

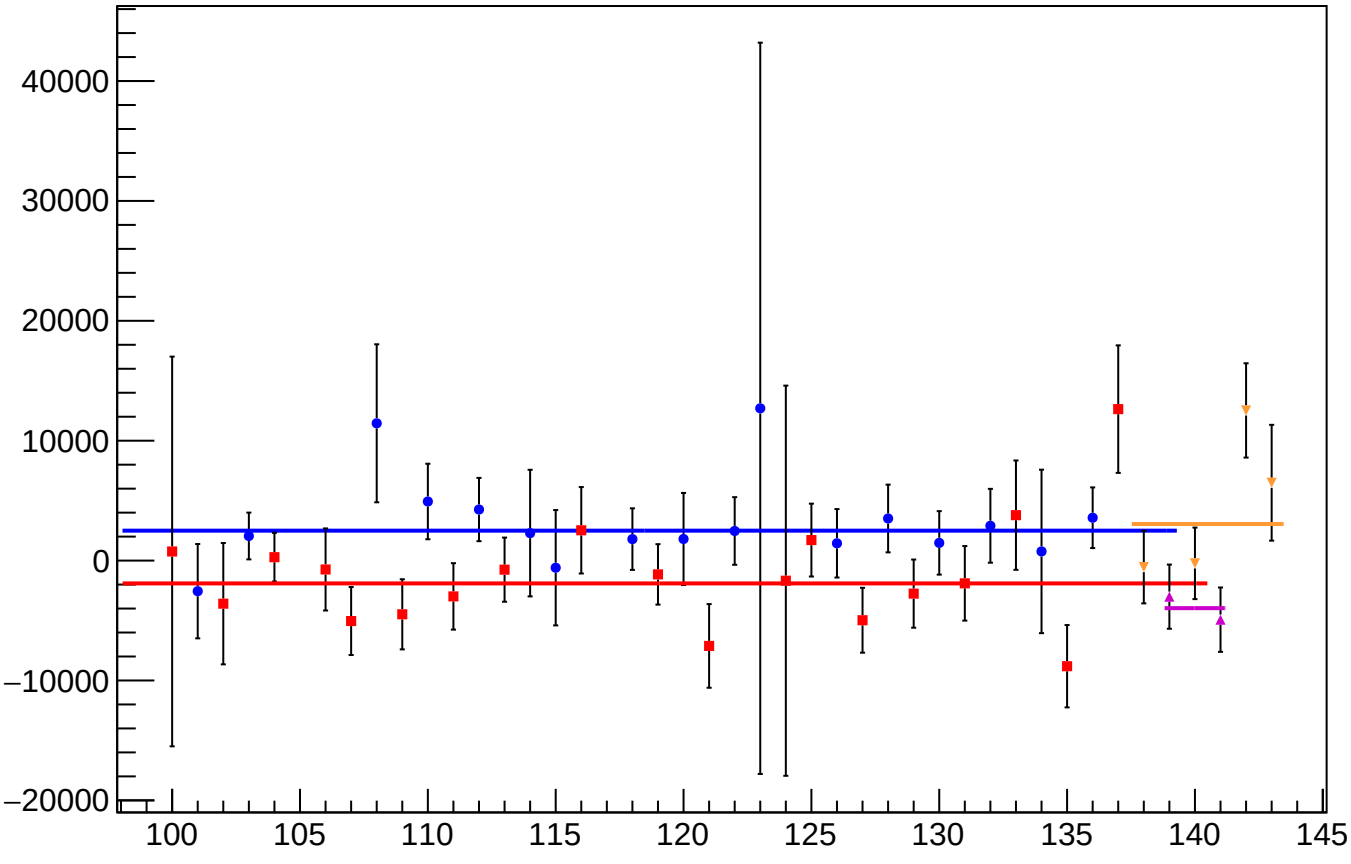
Left In: 1930.393+/-1.067 χ^2/NDF:187.9/1

+ sign 2113.622+/-0.501 χ^2/NDF: 852640.8/20

All: 2132.974+/-0.365 χ^2/NDF: 1810733.0/41

- sign 2154.736+/-0.532 χ^2/NDF: 954926.0/20

dit_asym_at2_avg_mean vs Slug



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

Left Out: 3048.914+/-1743.471 χ^2/NDF:8.9/3

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

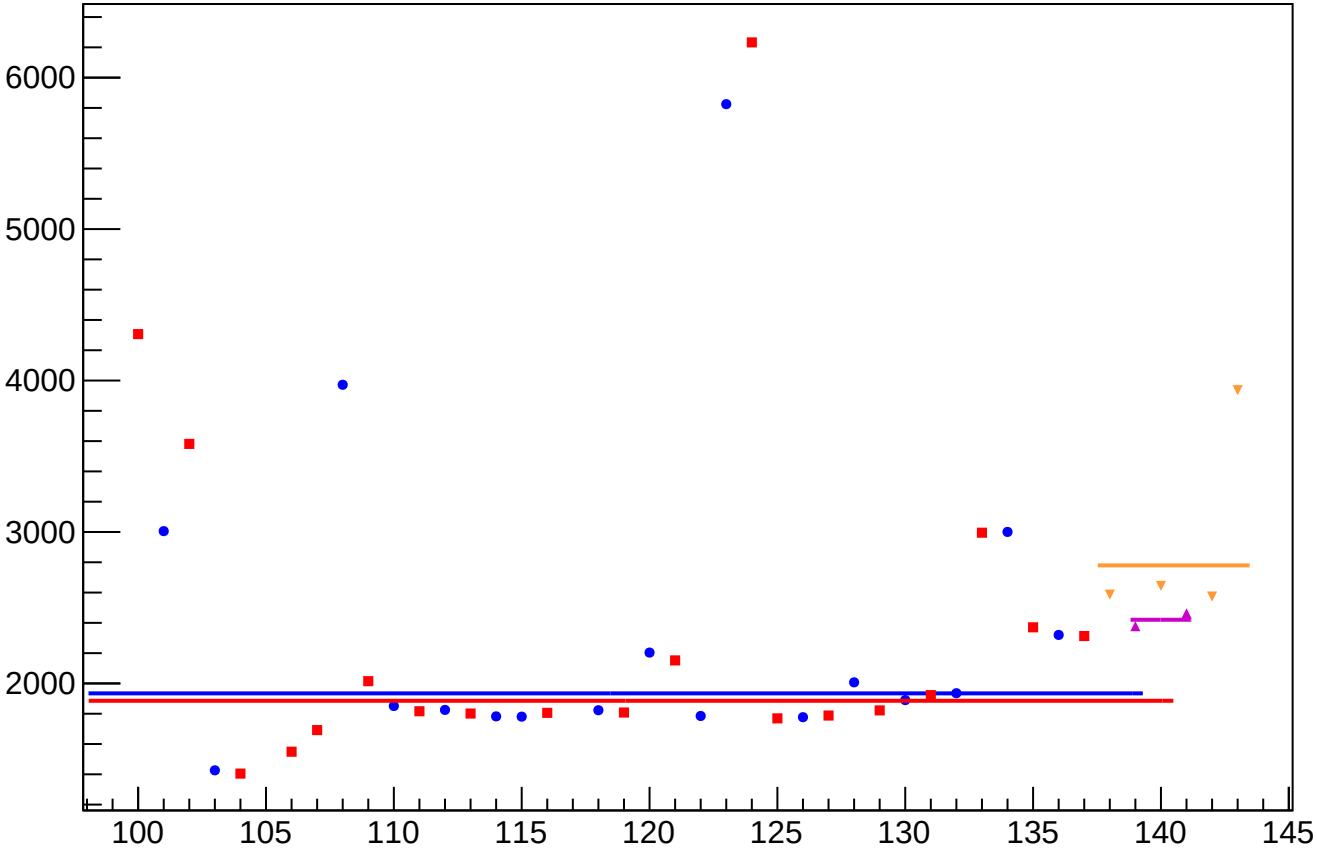
Left In: -3966.606+/-1894.624 χ^2/NDF:0.3/1

+ sign 2586.421+/-703.058 χ^2/NDF: 14.9/20

All: 150.138+/-491.250 χ^2/NDF: 63.1/41

- sign -2174.061+/-686.695 χ^2/NDF: 24.7/20

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2779.389+/-1.233 χ^2/NDF:132477.3/3

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

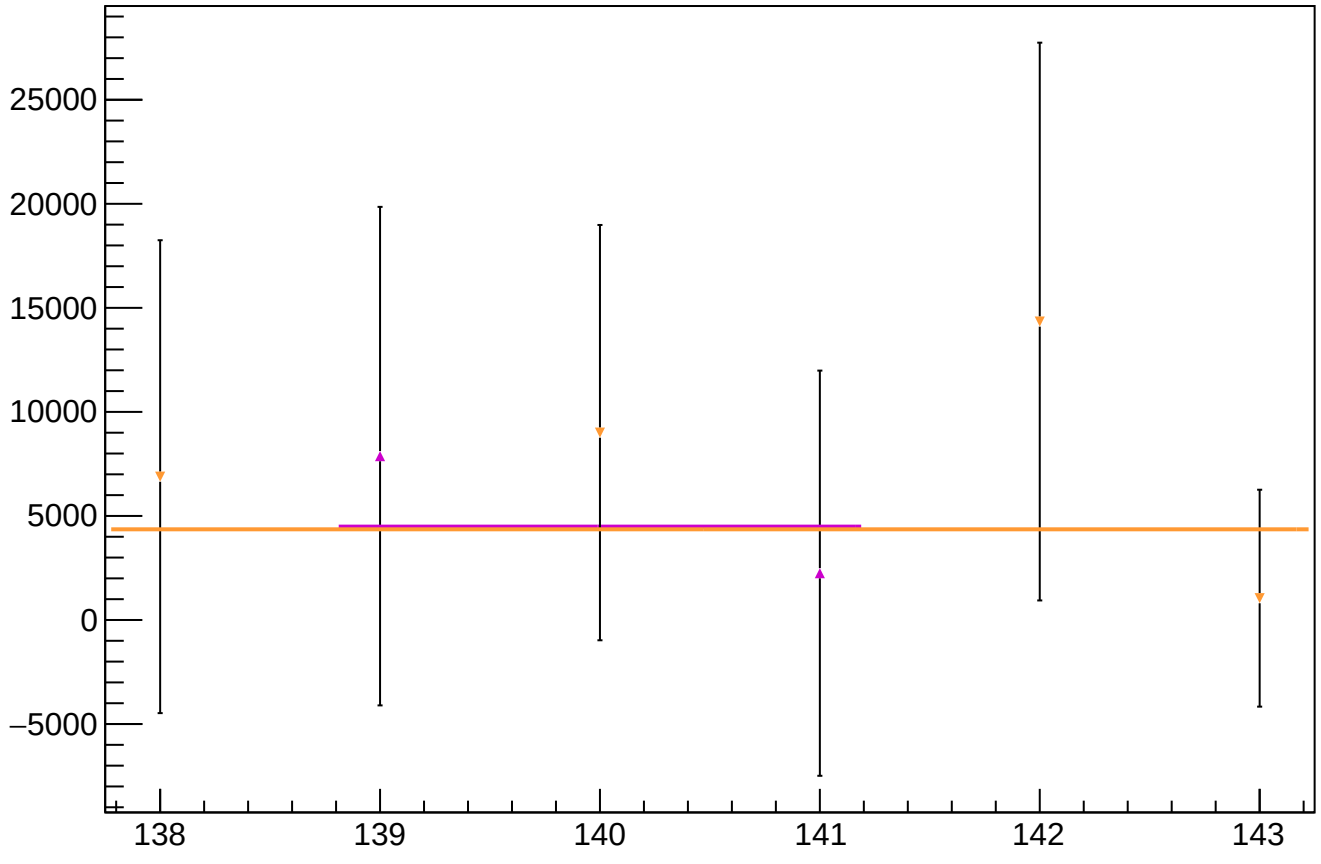
Left In: 2420.496+/-1.340 χ^2/NDF:1001.9/1

+ sign 2071.809+/-0.497 χ^2/NDF: 1164789.4/20

All: 2012.429+/-0.347 χ^2/NDF: 2084261.8/41

- sign 1955.798+/-0.485 χ^2/NDF: 891599.4/20

asym_at2_avg_correction_mean vs Slug



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

Left Out: 4357.503+/-4076.986 χ^2/NDF:1.2/3

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

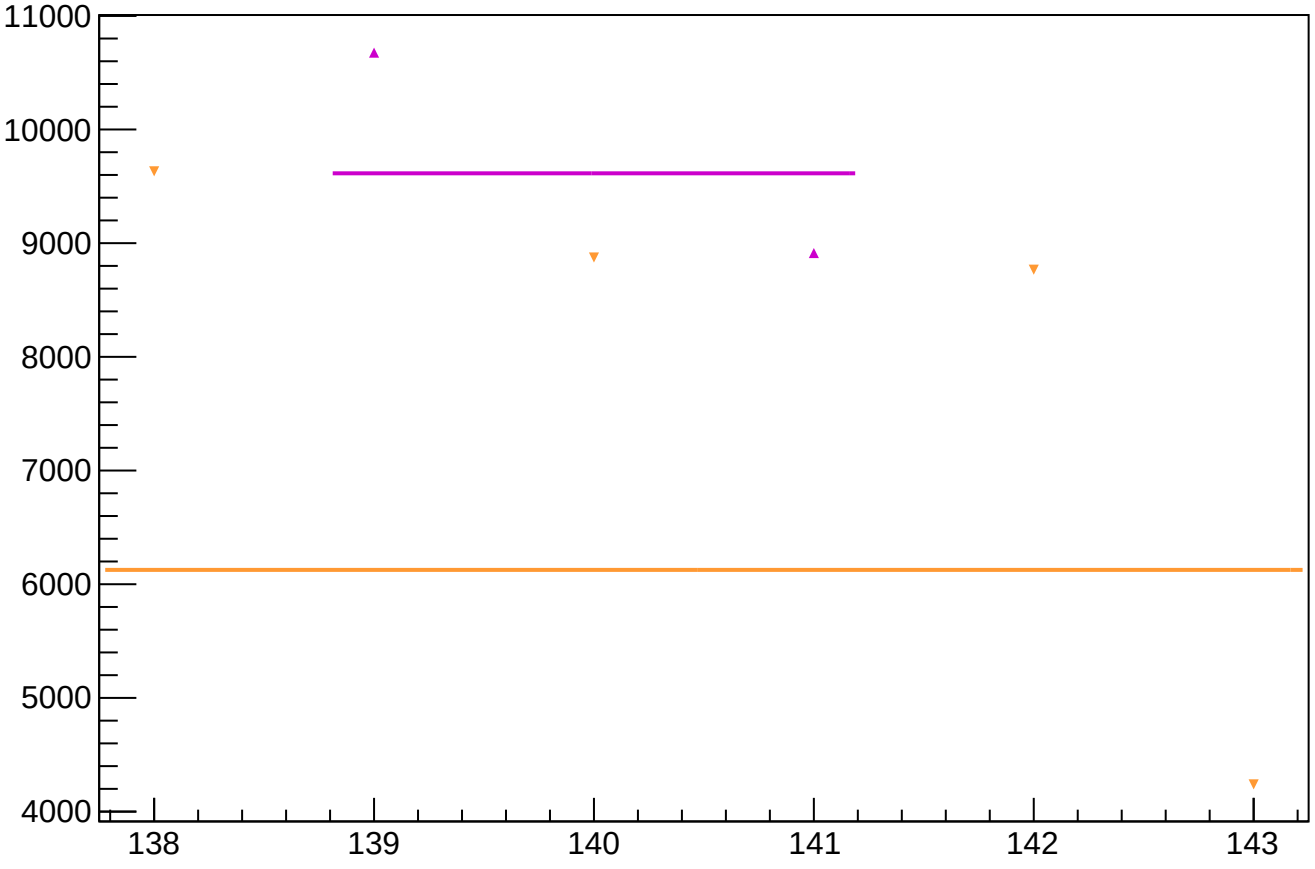
Left In: 4486.442+/-7555.350 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4386.581+/-3587.938 χ^2/NDF: 1.4/5

- 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: 6126.084+/-2.883 χ^2/NDF:681684.4/3

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

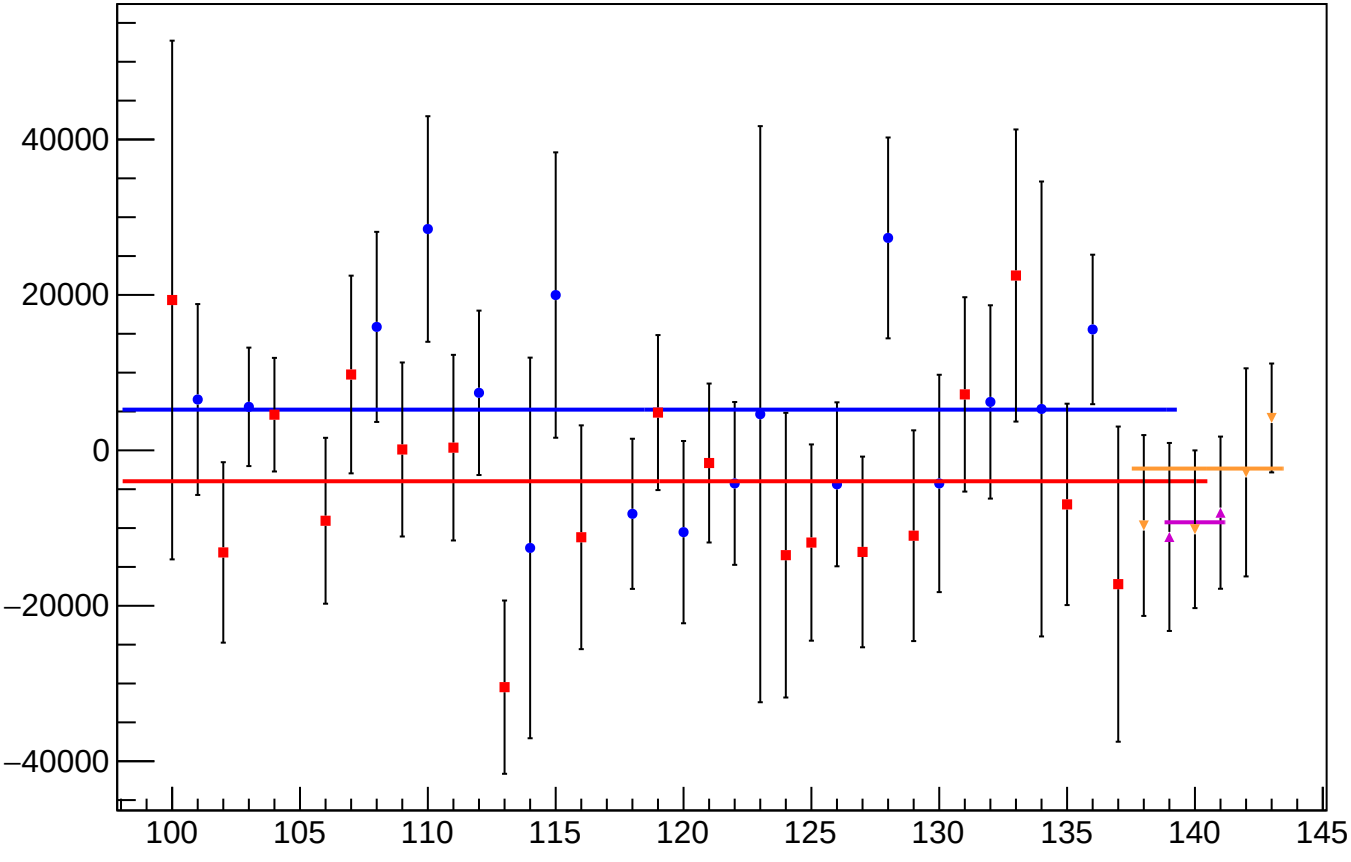
Left In: 9614.395+/-5.342 χ^2/NDF:26080.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6912.760+/-2.537 χ^2/NDF: 1037954.2/5

- 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: -2343.984+/-4819.520 χ^2/NDF:1.9/3

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

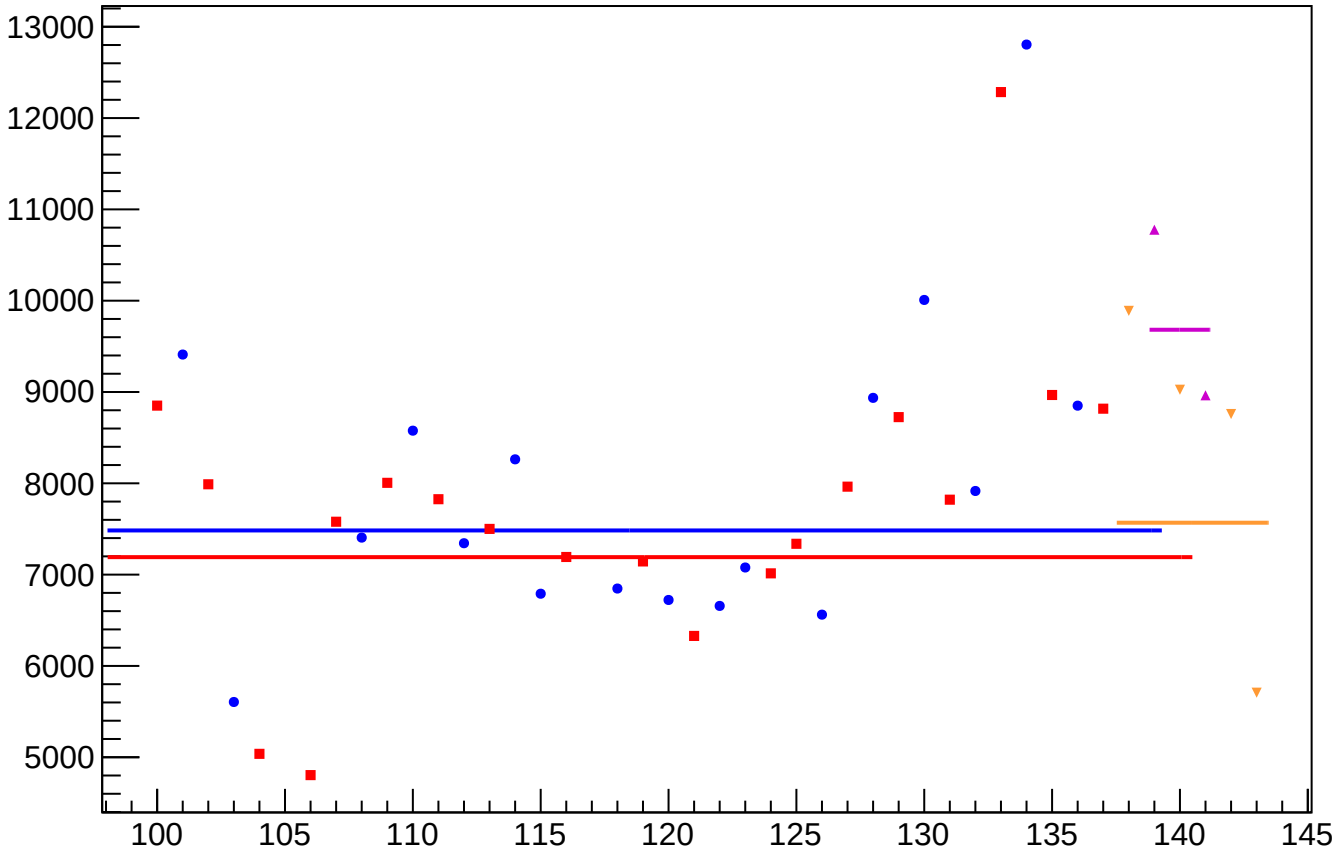
Left In: -9255.467+/-7609.885 χ^2/NDF:0.0/1

+ sign 3175.866+/-2513.699 χ^2/NDF: 18.1/20

All: -552.207+/-1813.818 χ^2/NDF: 38.8/41

- sign -4601.782+/-2619.846 χ^2/NDF: 16.1/20

asym_at2_avg_rms vs Slug



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

Left Out: 7568.469+/-3.408 χ^2/NDF:277730.9/3

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

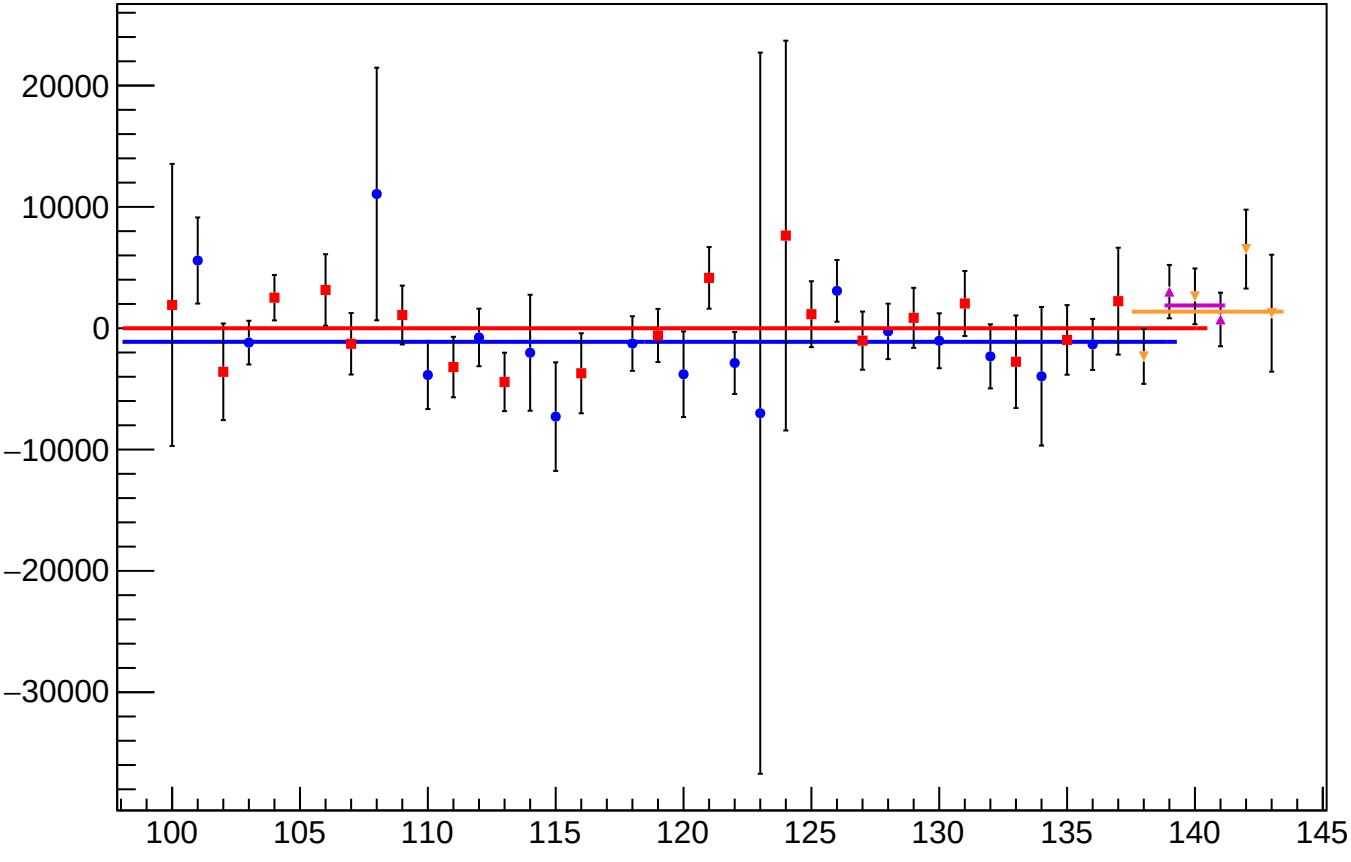
Left In: 9681.755+/-5.381 χ^2/NDF:27166.9/1

+ sign 7506.821+/-1.777 χ^2/NDF: 709986.5/20

All: 7497.098+/-1.282 χ^2/NDF: 1484769.7/41

- sign 7486.538+/-1.852 χ^2/NDF: 774720.7/20

dit_asym_at2_dd_mean vs Slug



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

Left Out: 1366.614+/-1384.254 χ^2/NDF:5.5/3

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

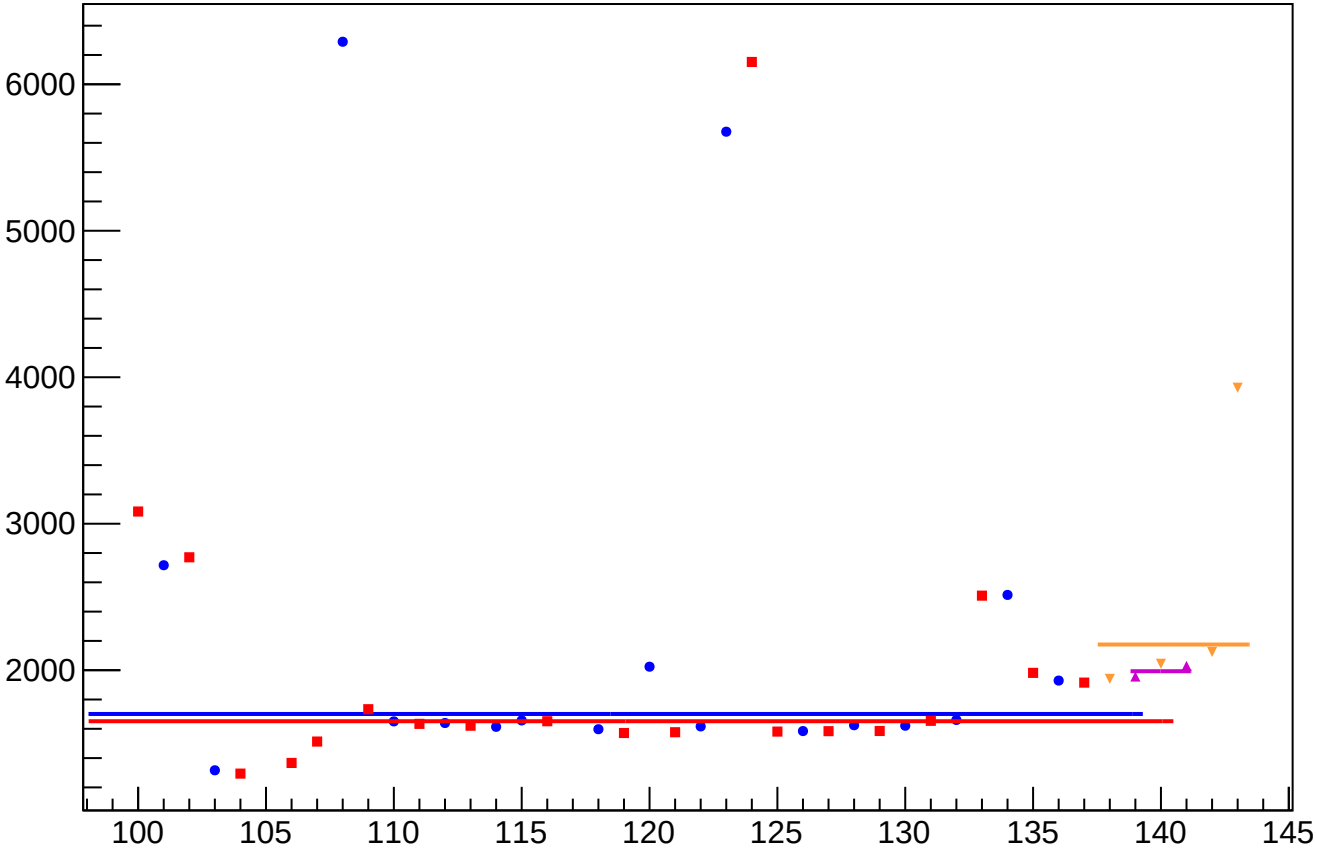
Left In: 1875.703+/-1558.099 χ^2/NDF:0.5/1

+ sign -637.954+/-609.728 χ^2/NDF: 20.3/20

All: -171.218+/-424.643 χ^2/NDF: 38.7/41

- sign 268.398+/-591.749 χ^2/NDF: 17.3/20

dit_asym_at2_dd_rms vs Slug



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

Left Out: 2175.421+/-0.979 χ^2/NDF:293005.4/3

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

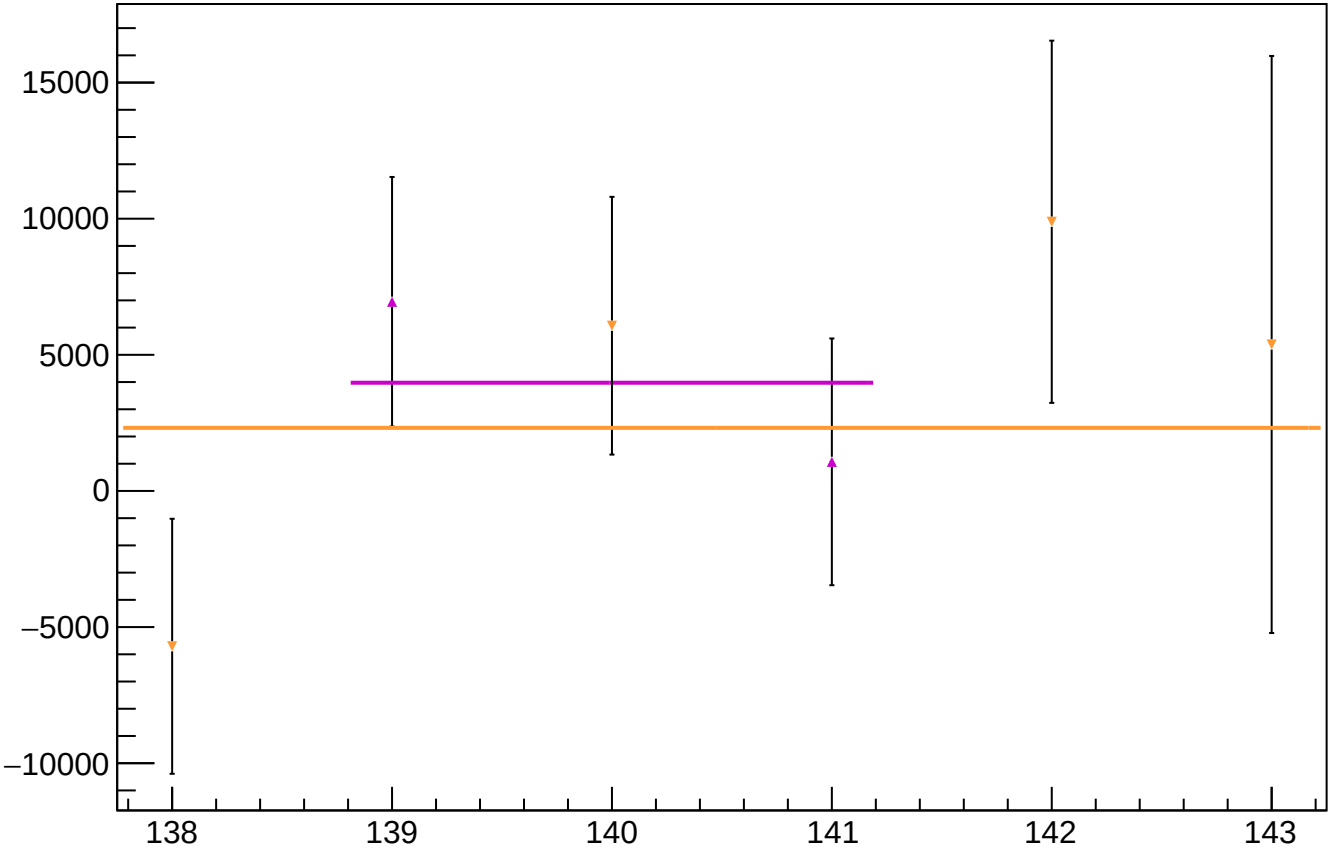
Left In: 1993.128+/-1.102 χ^2/NDF:1089.2/1

+ sign 1793.273+/-0.431 χ^2/NDF: 1260842.7/20

All: 1745.744+/-0.300 χ^2/NDF: 1956542.3/41

- sign 1700.976+/-0.418 χ^2/NDF: 672099.7/20

asym_at2_dd_correction_mean vs Slug



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

Left Out: 2317.819+/-2866.211 χ^2/NDF:4.9/3

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

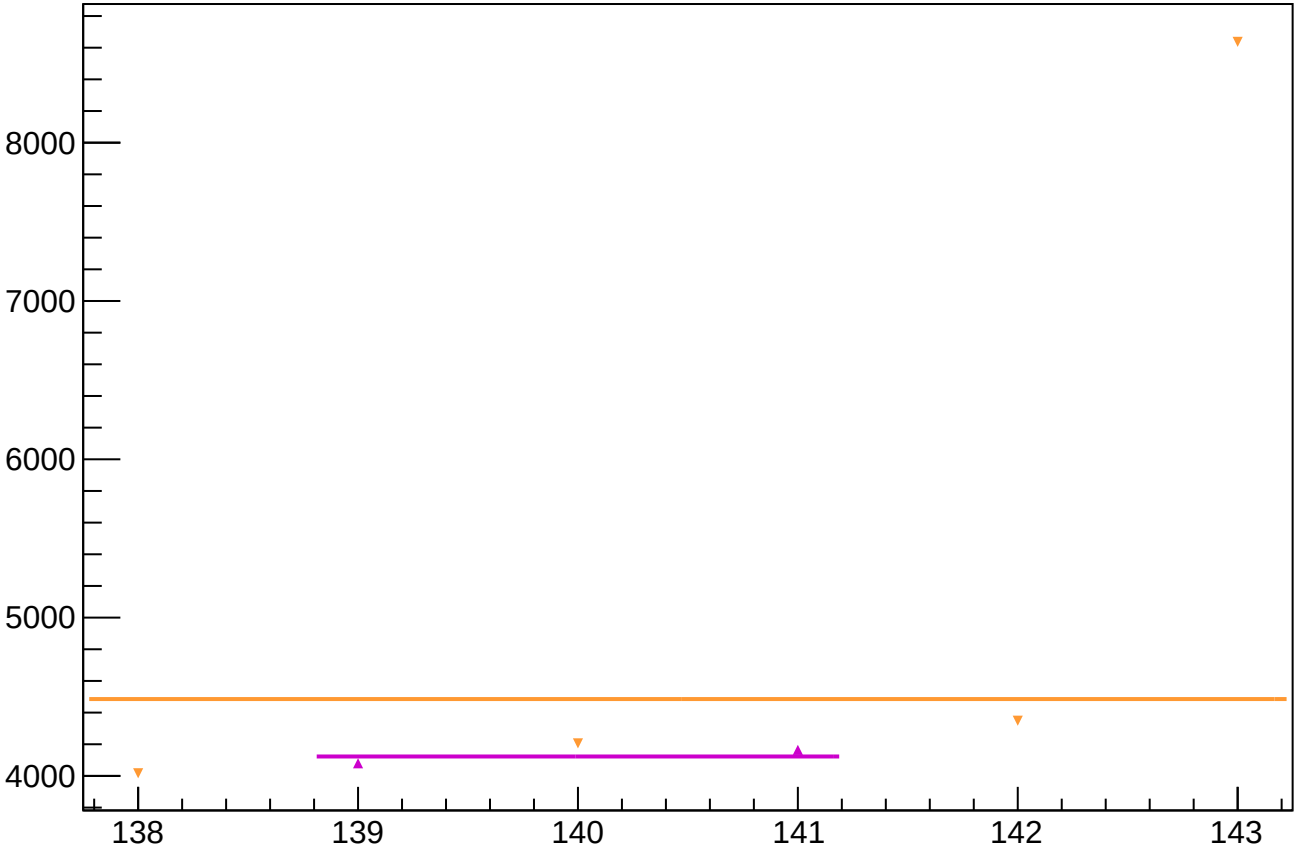
Left In: 3975.202+/-3222.683 χ^2/NDF:0.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3049.811+/-2141.703 χ^2/NDF: 5.9/5

- 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: 4485.528+/-2.027 χ^2/NDF:334754.4/3

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

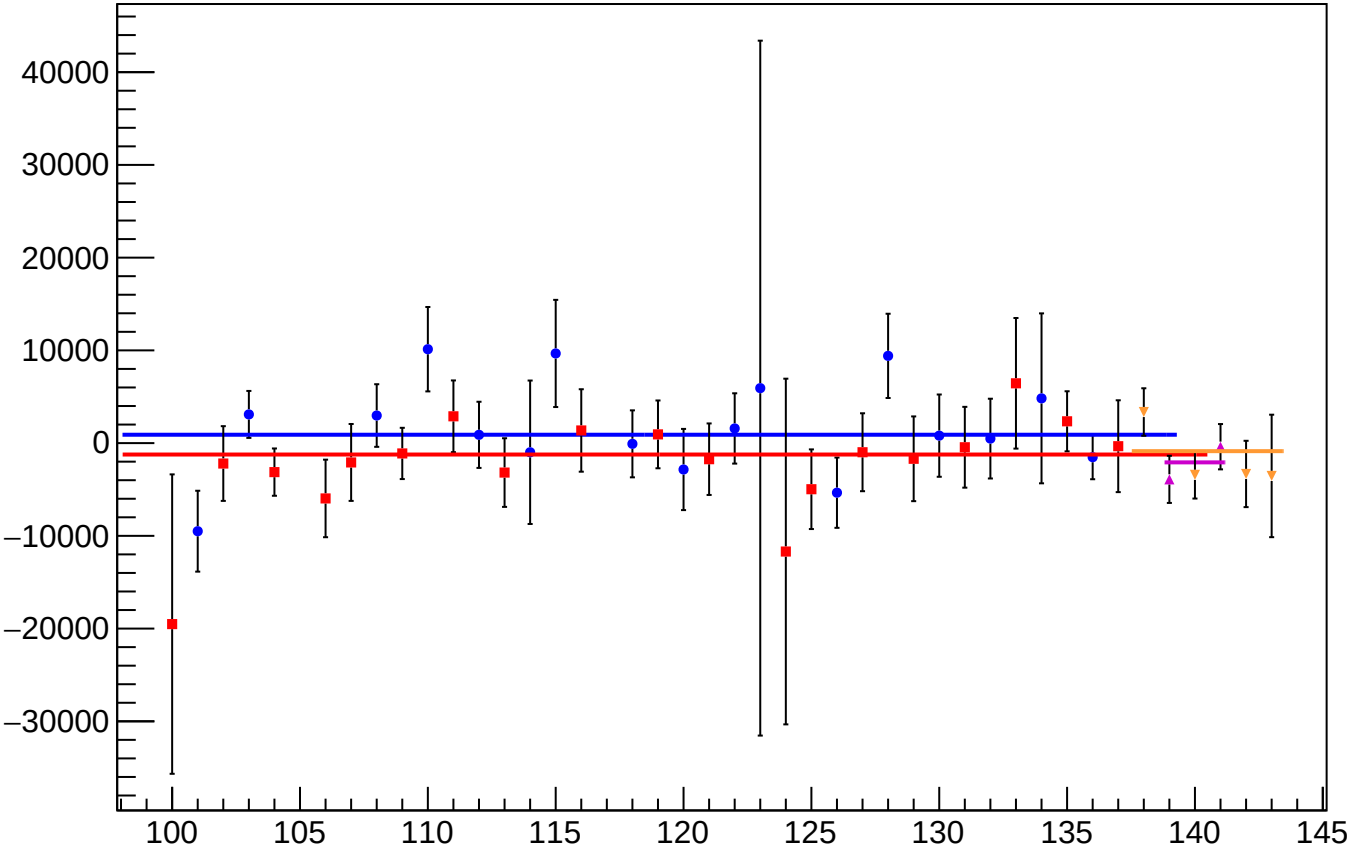
Left In: 4122.752+/-2.279 χ^2/NDF:346.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4325.306+/-1.514 χ^2/NDF: 349251.8/5

- 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: -867.562+/-1567.973 χ^2/NDF:4.4/3

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

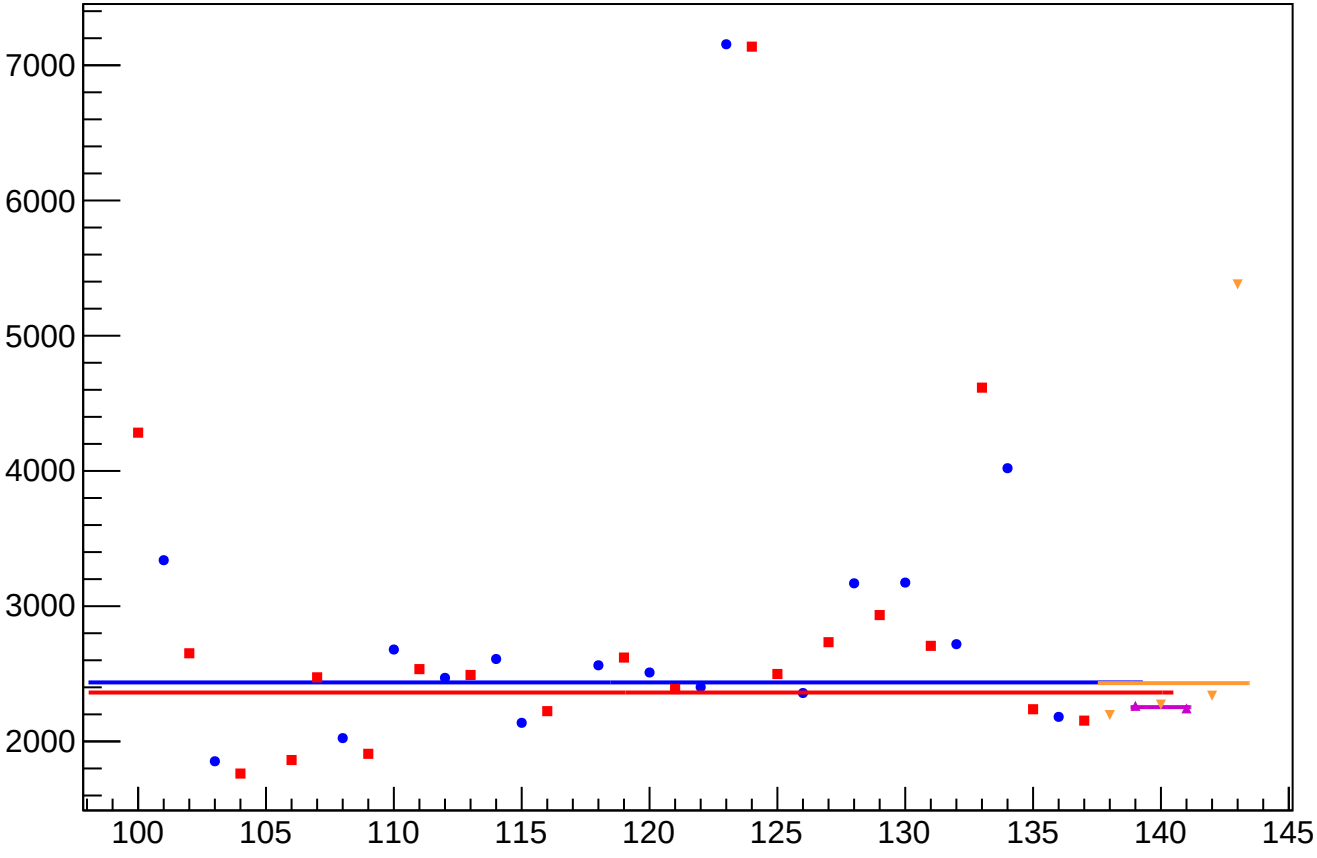
Left In: -2077.237+/-1761.552 χ^2/NDF:1.0/1

+ sign 419.050+/-819.922 χ^2/NDF: 26.9/20

All: -498.493+/-579.438 χ^2/NDF: 39.5/41

- sign -1413.925+/-818.978 χ^2/NDF: 10.1/20

asym_at2_dd_rms vs Slug



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

Left Out: 2431.042+/-1.109 χ^2/NDF:424822.1/3

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

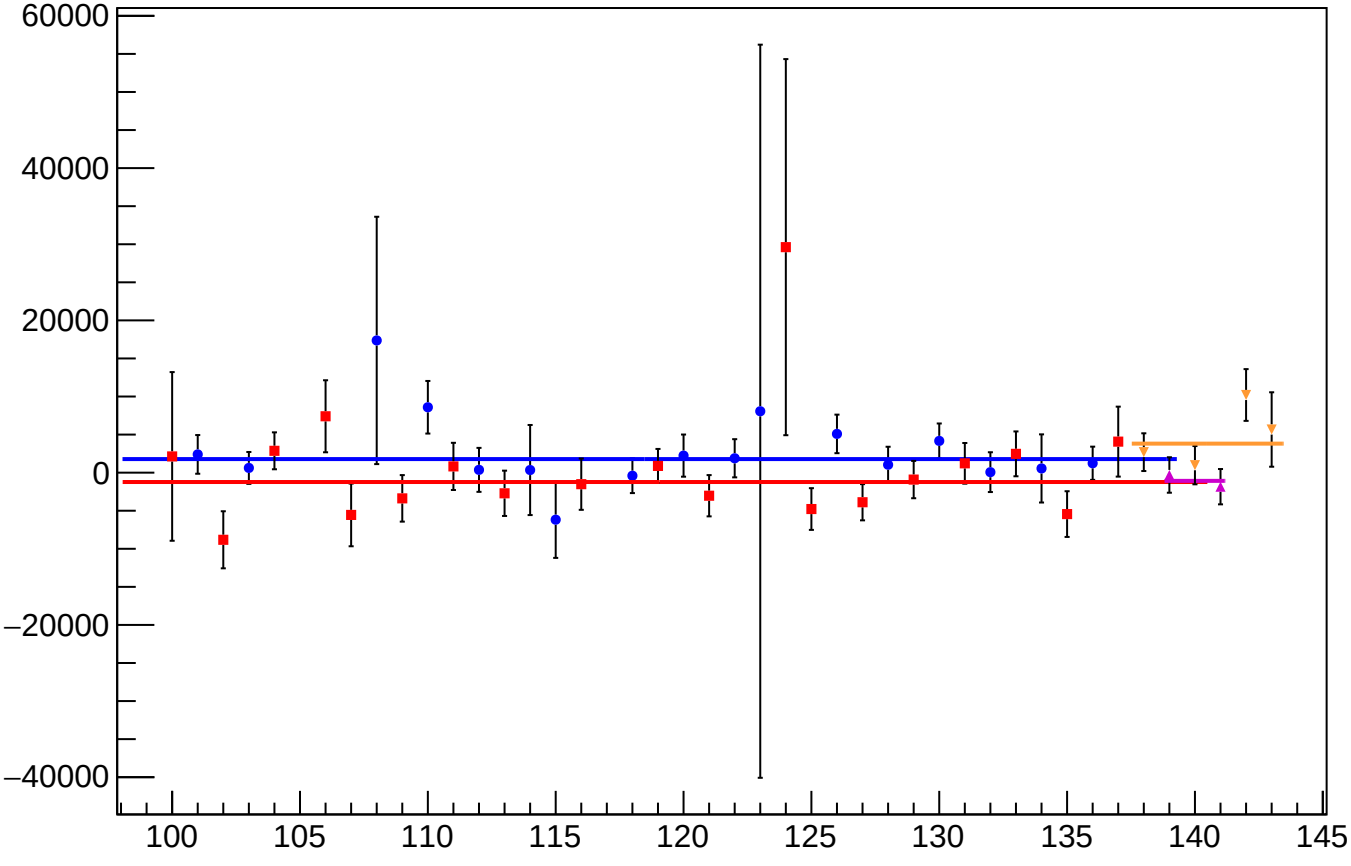
Left In: 2253.515+/-1.246 χ^2/NDF:56.2/1

+ sign 2434.830+/-0.580 χ^2/NDF: 893390.5/20

All: 2386.462+/-0.410 χ^2/NDF: 1569094.2/41

- sign 2338.205+/-0.579 χ^2/NDF: 661799.7/20

dit_asym_atl_avg_mean vs Slug



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

Left Out: 3811.939+/-1491.377 χ^2/NDF:5.2/3

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

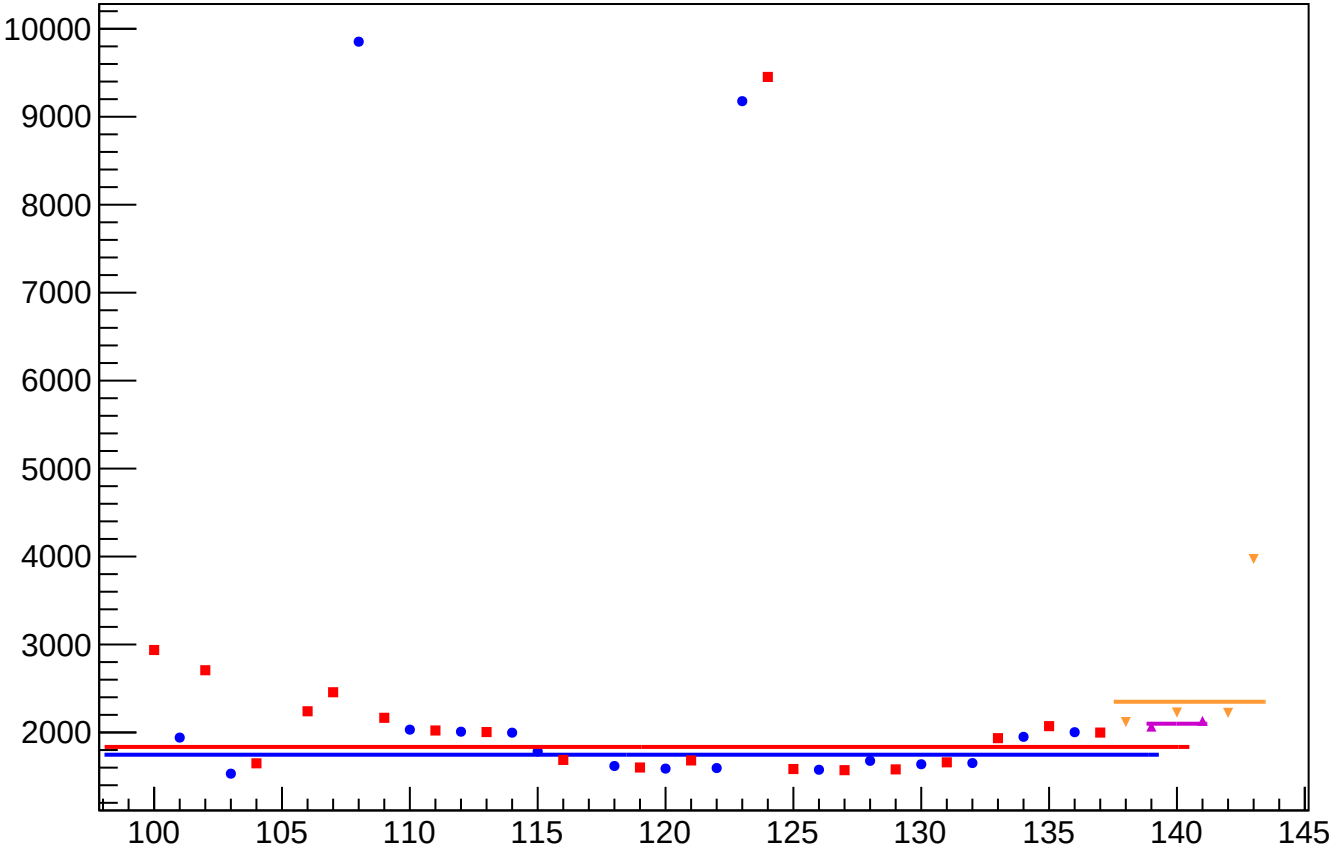
Left In: -1078.064+/-1644.122 χ^2/NDF:0.2/1

+ sign 2144.908+/-629.511 χ^2/NDF: 19.1/20

All: 524.263+/-452.330 χ^2/NDF: 57.2/41

- sign -1205.628+/-650.382 χ^2/NDF: 24.5/20

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2348.913+/-1.055 χ^2/NDF:245183.1/3

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

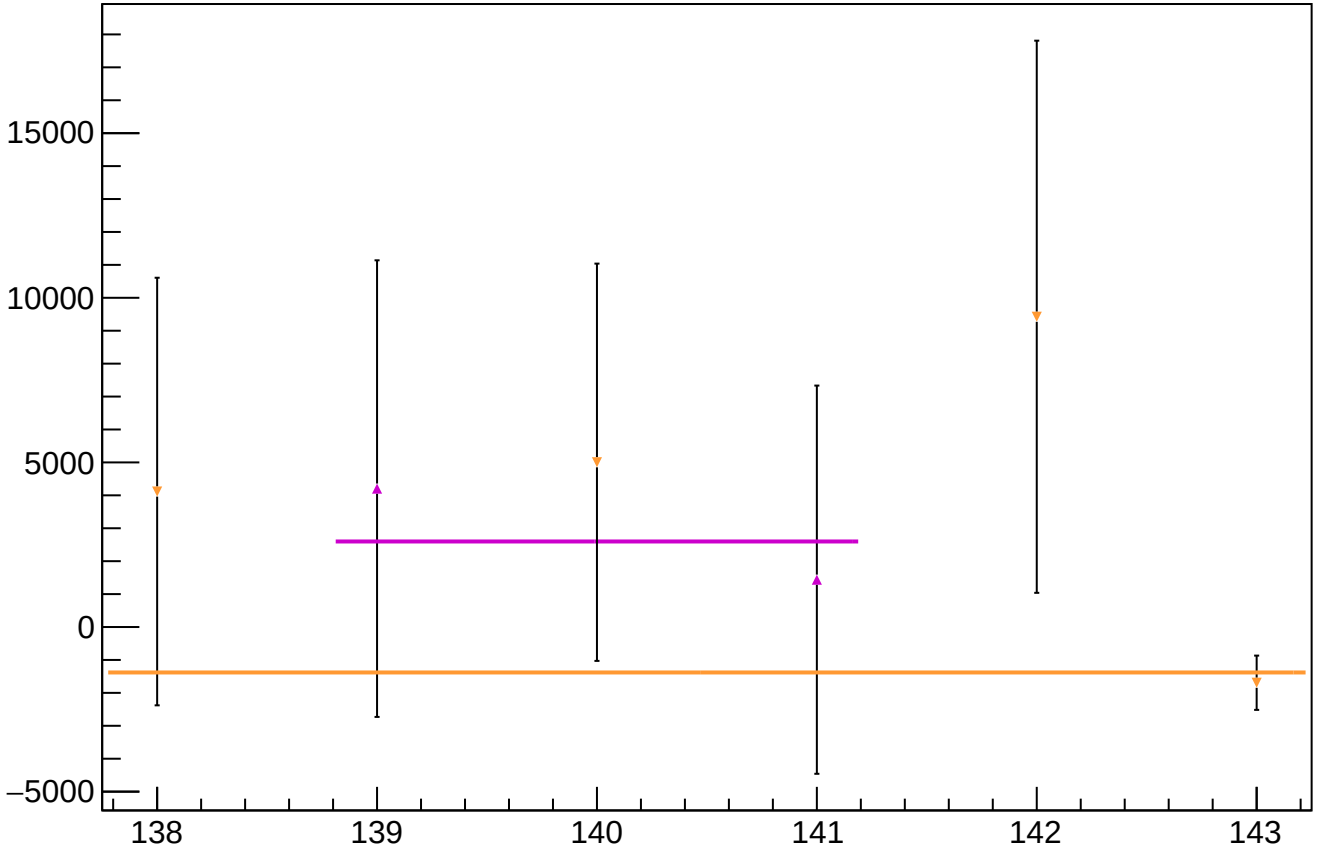
Left In: 2099.357+/-1.163 χ^2/NDF:768.4/1

+ sign 1854.107+/-0.445 χ^2/NDF: 1195548.1/20

All: 1865.014+/-0.320 χ^2/NDF: 1791454.4/41

- sign 1876.633+/-0.459 χ^2/NDF: 594666.4/20

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1380.366+/-806.586 χ^2/NDF:3.6/3

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

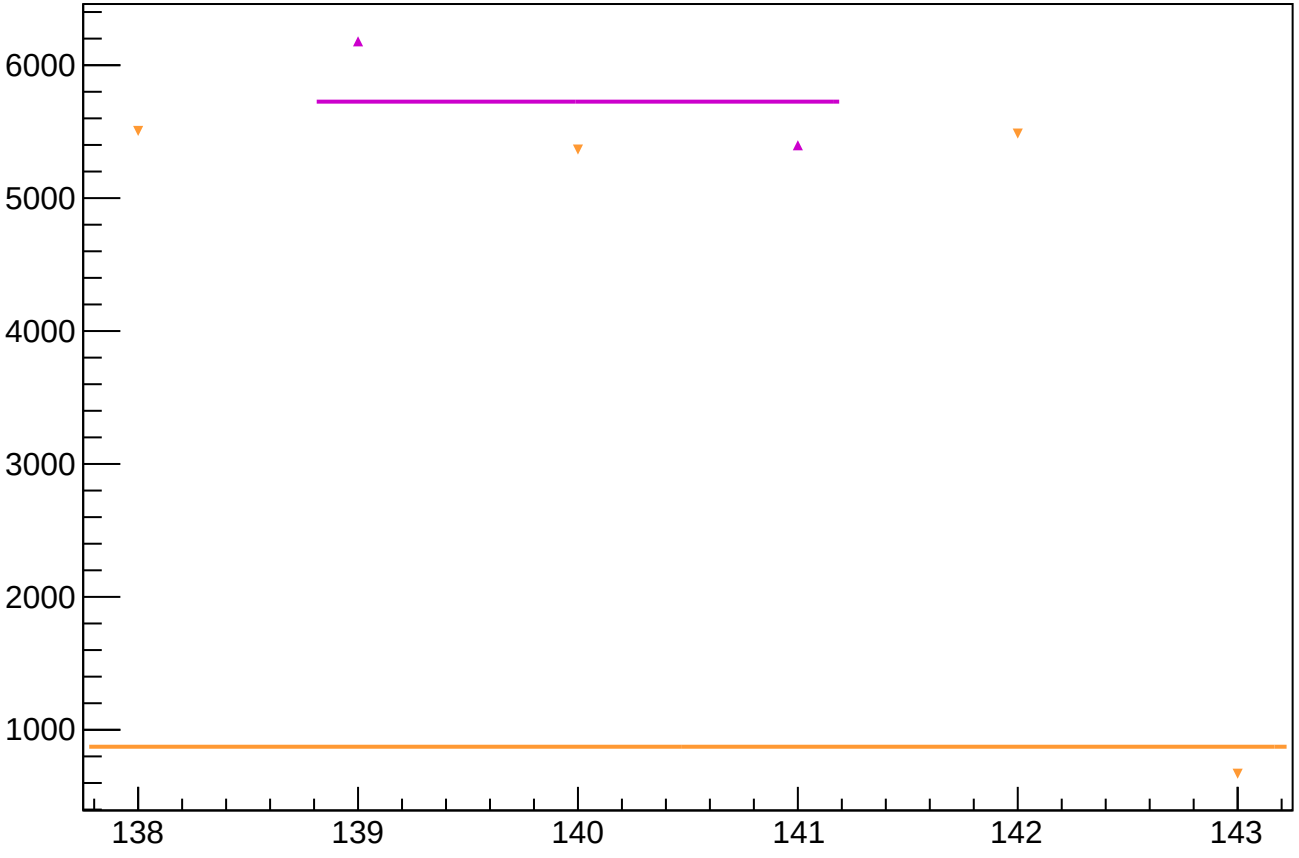
Left In: 2598.340+/-4491.850 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1256.083+/-793.888 χ^2/NDF: 4.5/5

- 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: 872.787+/-0.570 χ^2/NDF:2853114.6/3

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

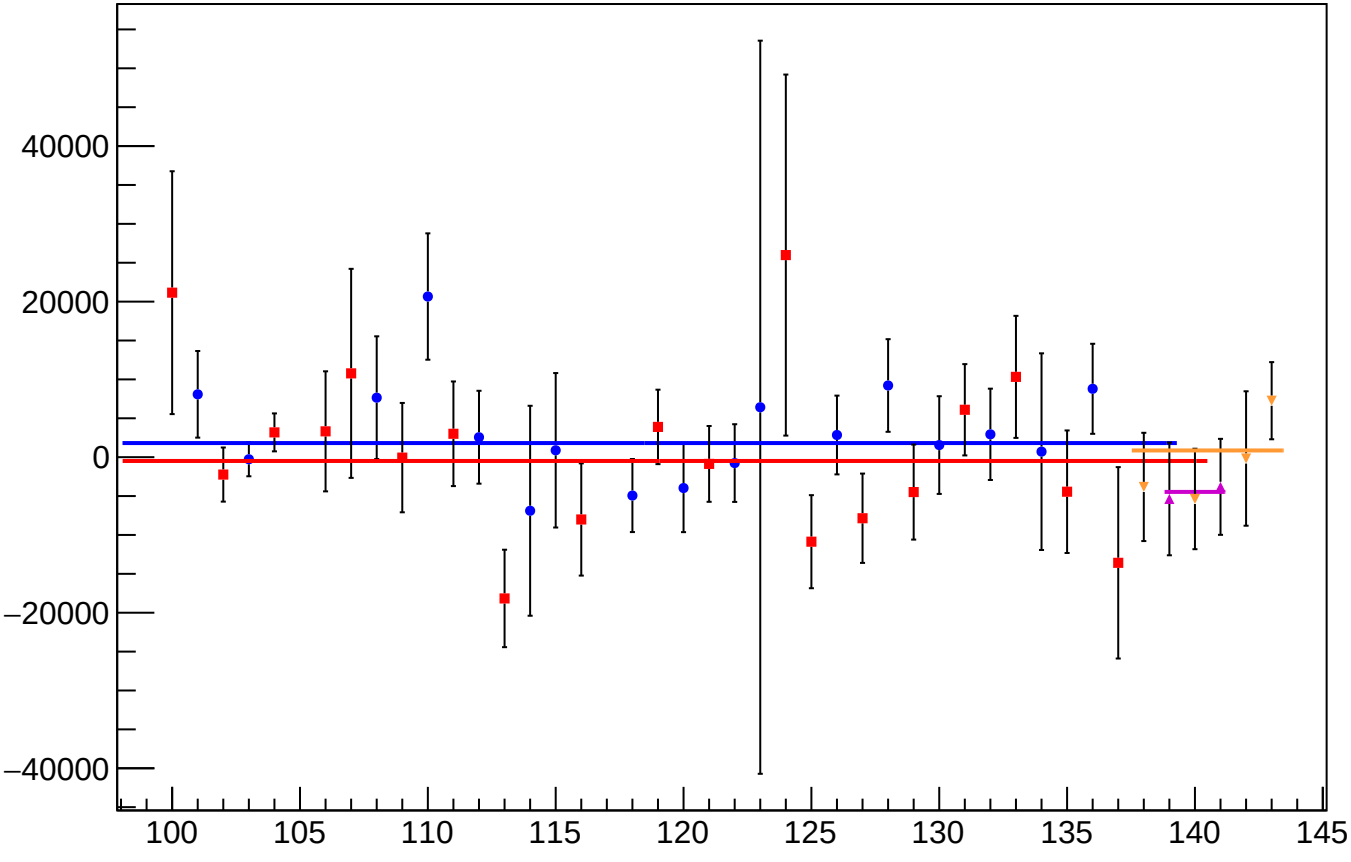
Left In: 5725.723+/-3.176 χ^2/NDF:14757.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1024.378+/-0.561 χ^2/NDF: 5129422.5/5

- 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: 862.895+/-3184.100 χ^2/NDF:3.1/3

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

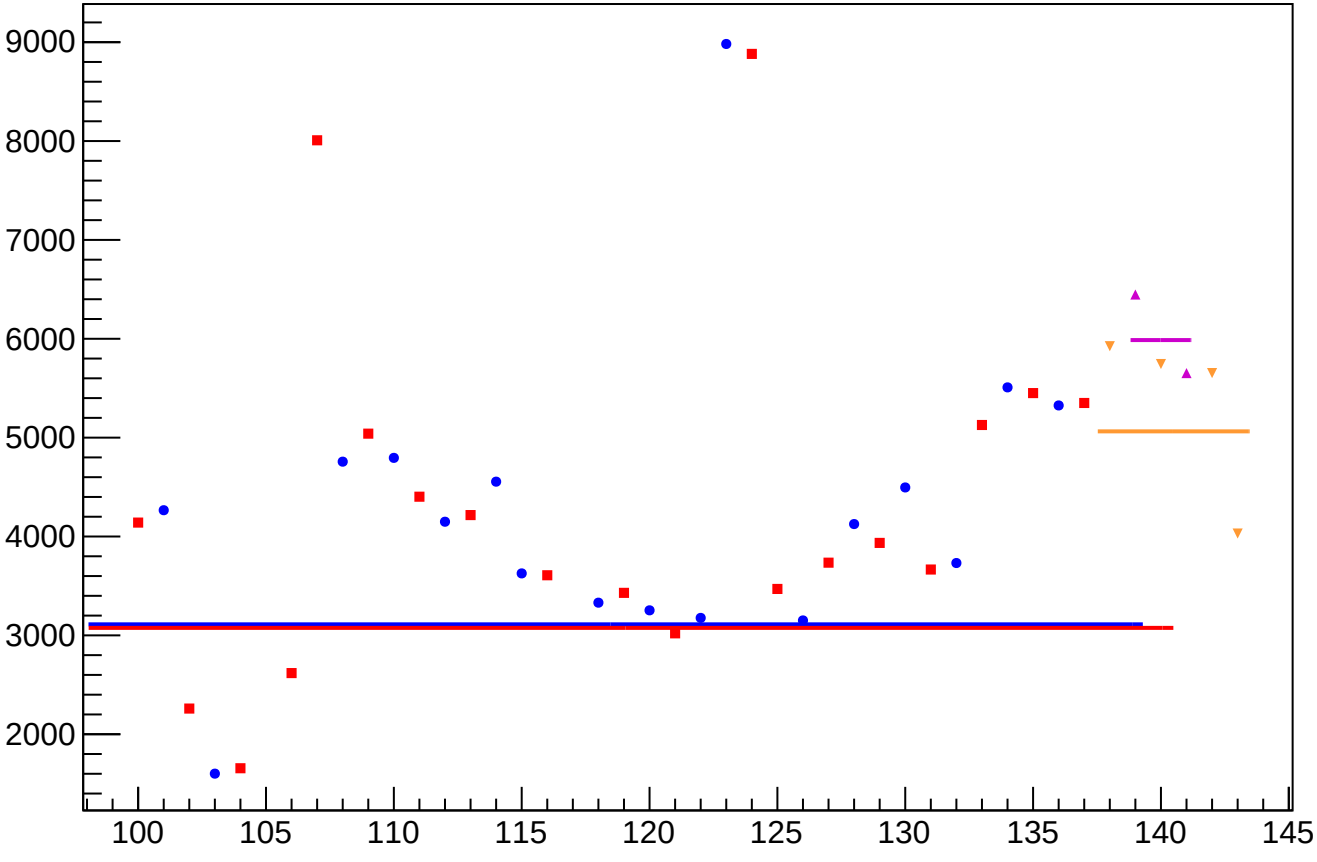
Left In: -4467.369+/-4699.167 χ^2/NDF:0.0/1

+ sign 1678.105+/-1204.594 χ^2/NDF: 18.1/20

All: 492.075+/-864.177 χ^2/NDF: 47.3/41

- sign -765.625+/-1240.456 χ^2/NDF: 27.2/20

asym_atl_avg_rms vs Slug



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

Left Out: 5063.446+/-2.251 χ^2/NDF:148977.1/3

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

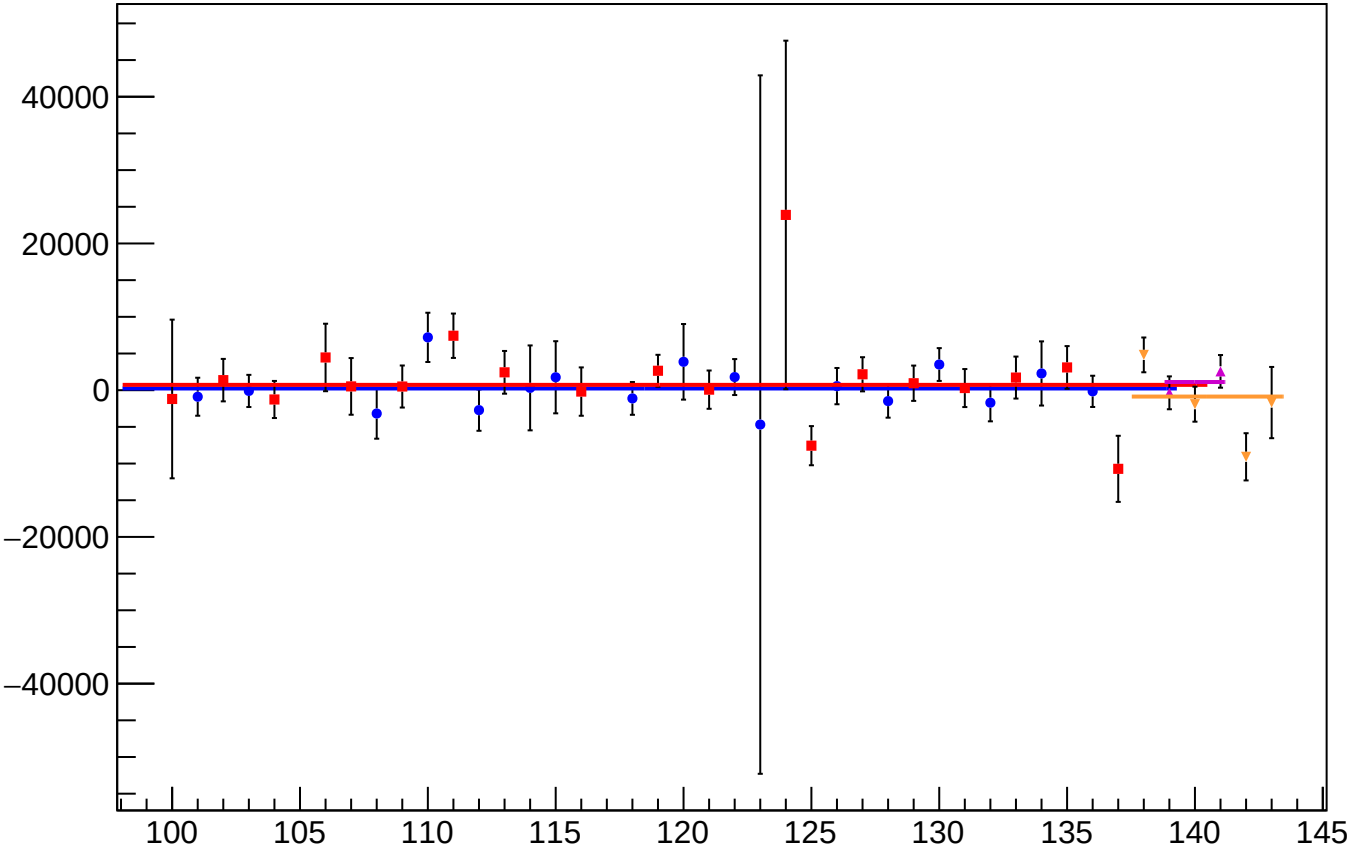
Left In: 5986.911+/-3.323 χ^2/NDF:13935.5/1

+ sign 3390.916+/-0.852 χ^2/NDF: 2671967.2/20

All: 3332.995+/-0.607 χ^2/NDF: 5420353.3/41

- sign 3273.218+/-0.865 χ^2/NDF: 2738989.7/20

dit_asym_atl_dd_mean vs Slug



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

Left Out: -868.789+/-1424.476 χ^2/NDF:12.5/3

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

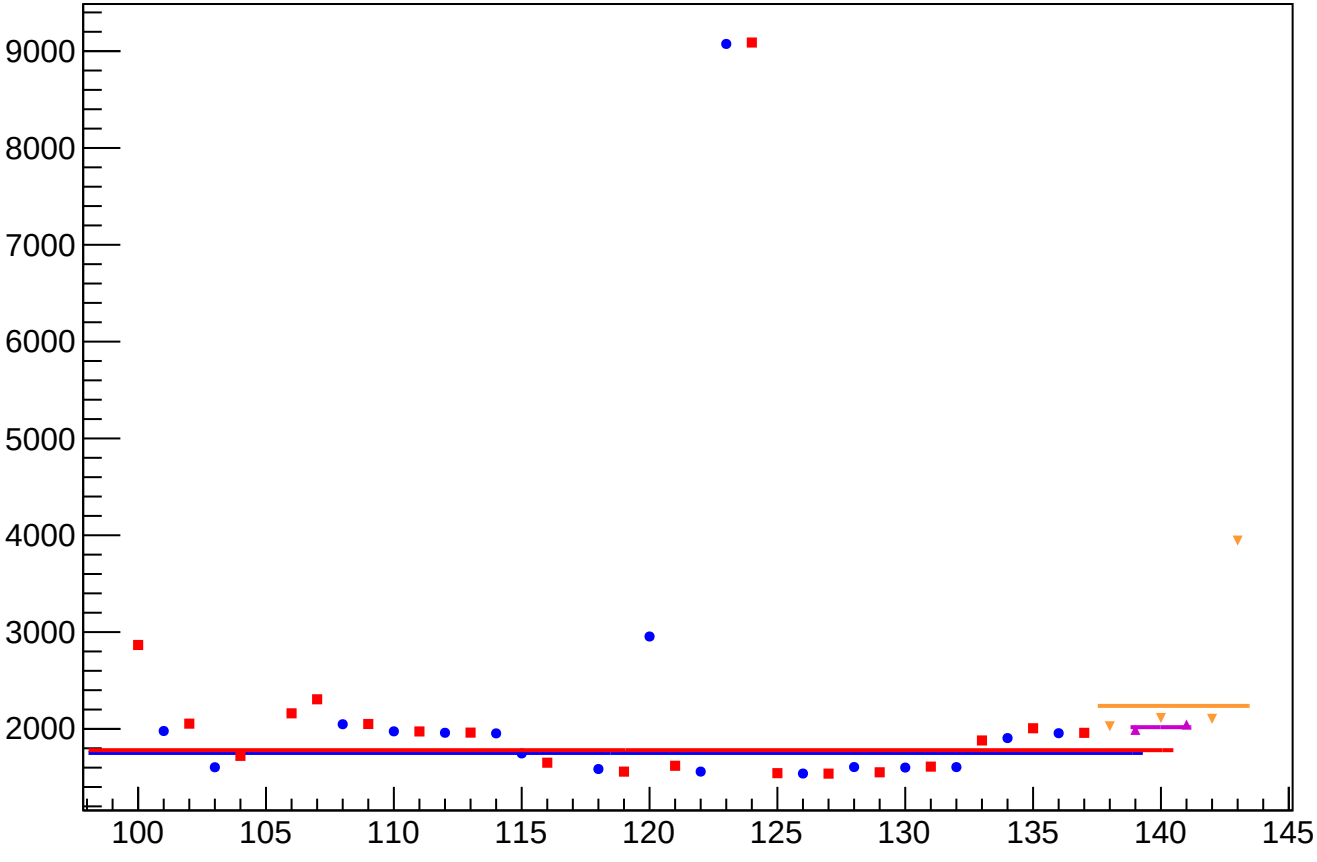
Left In: 1114.353+/-1579.241 χ^2/NDF:0.9/1

+ sign 24.643+/-618.638 χ^2/NDF: 24.5/20

All: 400.475+/-440.644 χ^2/NDF: 52.0/41

- sign 787.513+/-627.792 χ^2/NDF: 26.7/20

dit_asym_atl_dd_rms vs Slug



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

Left Out: 2237.676+/-1.007 χ^2/NDF:271861.1/3

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

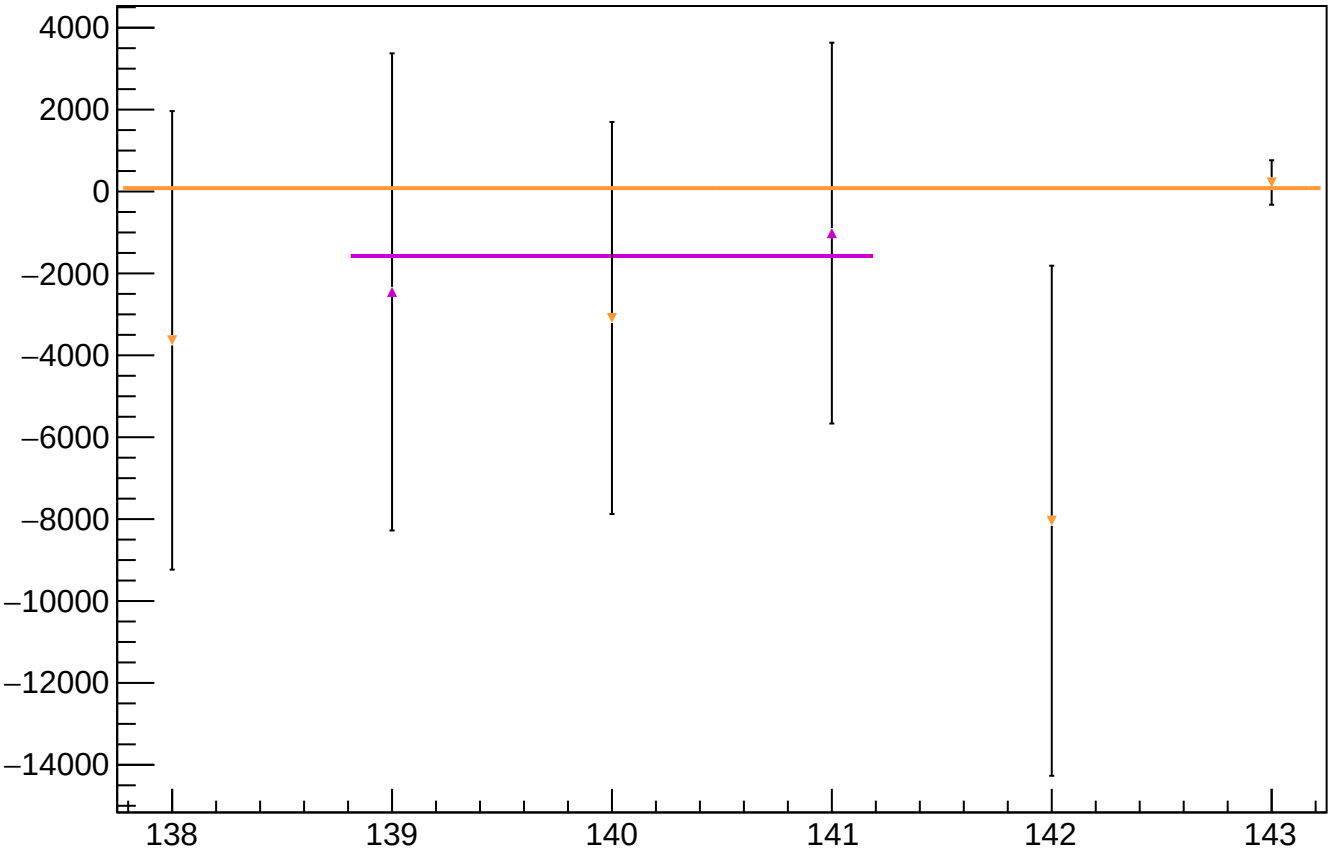
Left In: 2017.871+/-1.117 χ^2/NDF:605.9/1

+ sign 1843.481+/-0.437 χ^2/NDF: 761519.9/20

All: 1830.746+/-0.311 χ^2/NDF: 1230327.8/41

- sign 1817.666+/-0.443 χ^2/NDF: 467089.9/20

asym_atl_dd_correction_mean vs Slug



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

Left Out: 82.861+/-534.994 χ^2/NDF:2.6/3

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

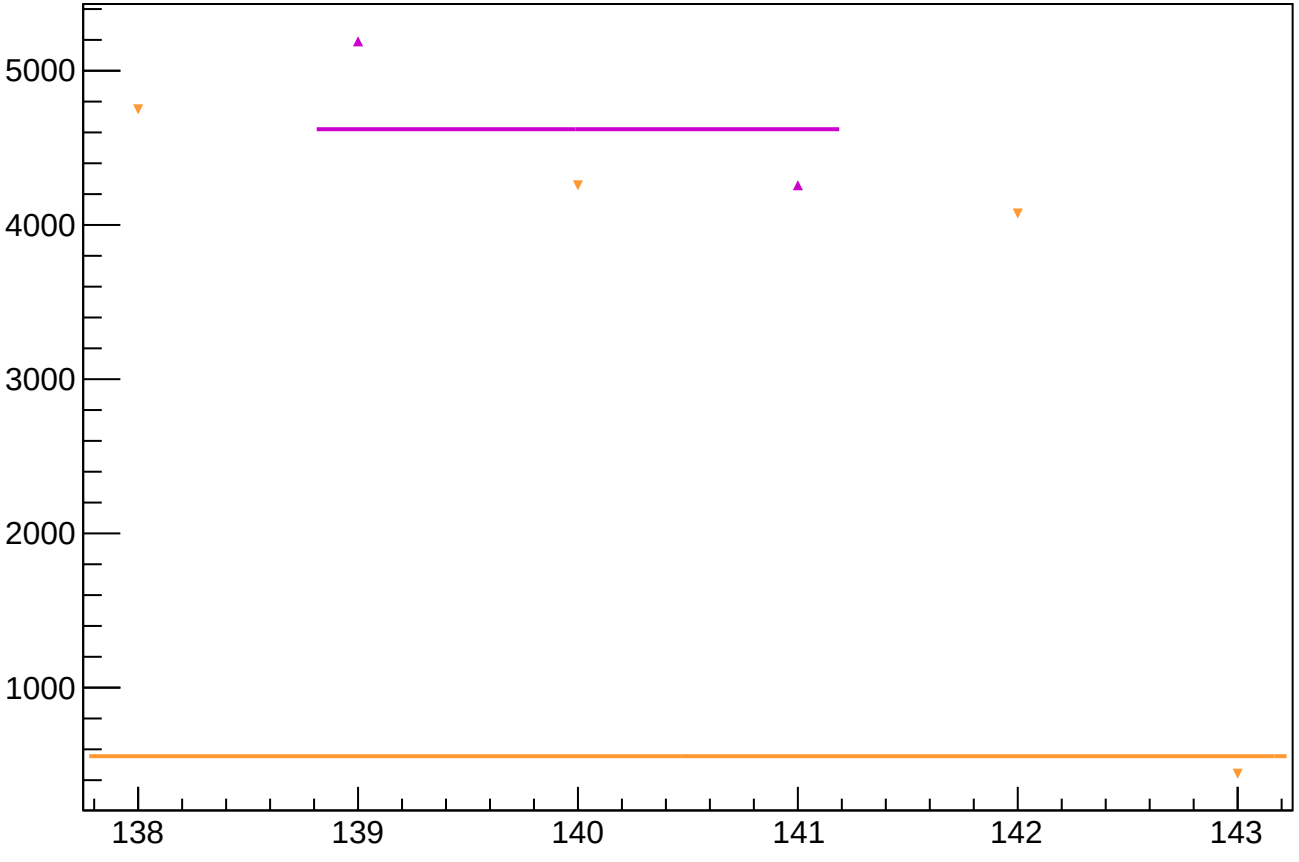
Left In: -1574.217+/-3634.324 χ^2/NDF:0.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 47.715+/-529.290 χ^2/NDF: 2.9/5

- 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: 555.495+/-0.378 χ^2/NDF:3044358.1/3

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

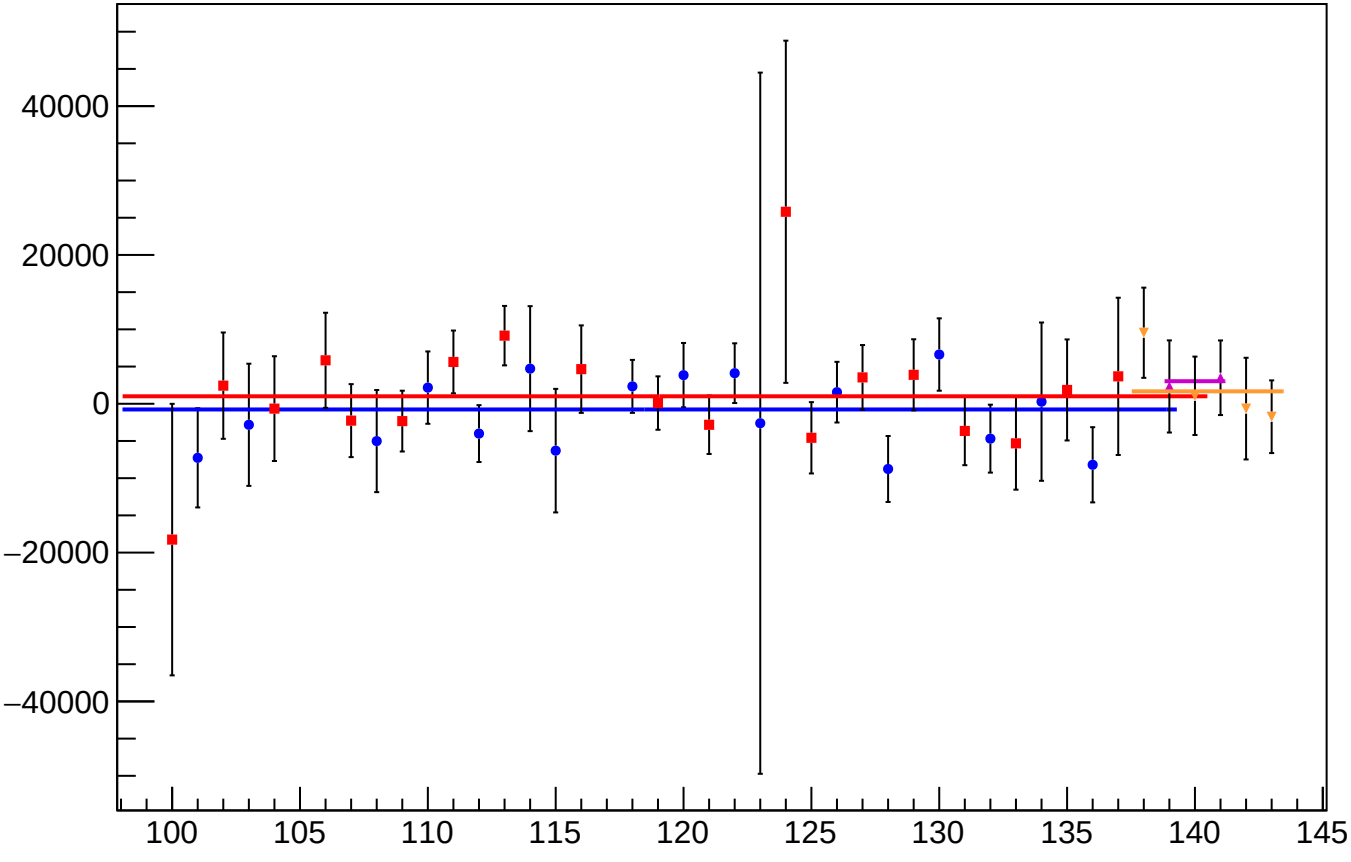
Left In: 4620.825+/-2.570 χ^2/NDF:31347.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 641.721+/-0.374 χ^2/NDF: 5525129.9/5

- 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: 1671.409+/-2810.471 χ^2/NDF:2.3/3

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

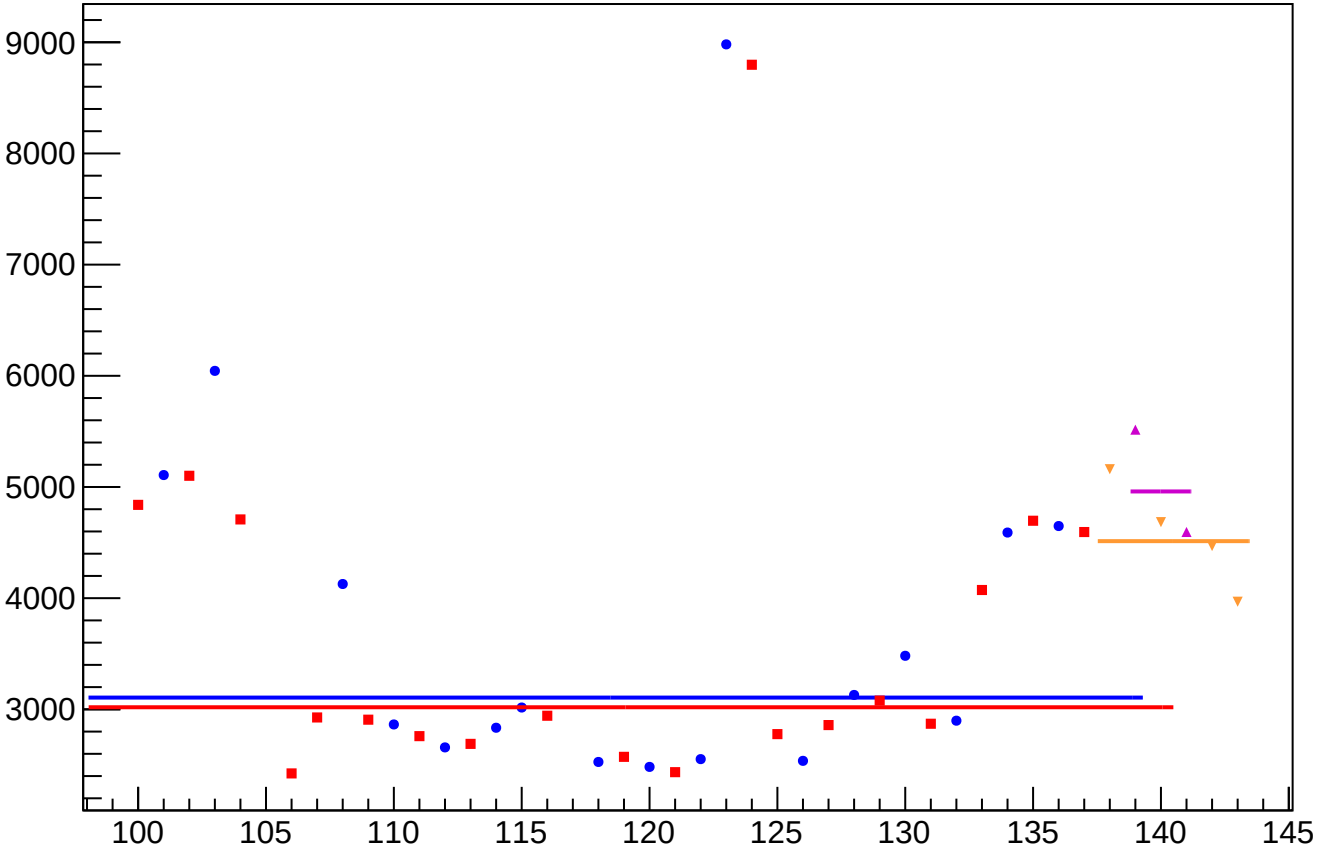
Left In: 3032.775+/-3896.267 χ^2/NDF:0.0/1

+ sign -363.957+/-1140.376 χ^2/NDF: 18.5/20

All: 407.961+/-805.908 χ^2/NDF: 34.7/41

- sign 1178.121+/-1139.078 χ^2/NDF: 15.3/20

asym_atl_dd_rms vs Slug



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

Left Out: 4512.873+/-1.987 χ^2/NDF:49863.5/3

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

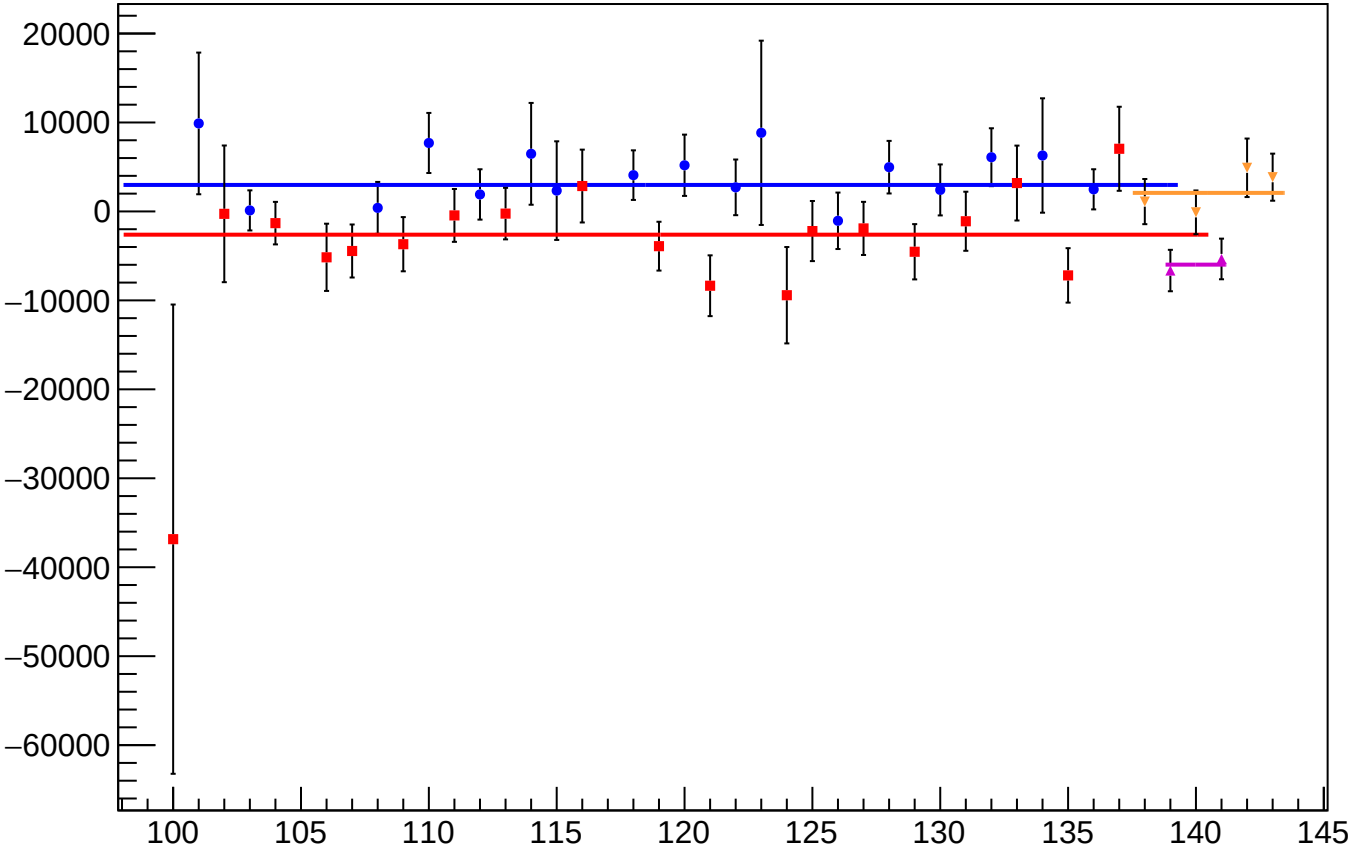
Left In: 4959.876+/-2.755 χ^2/NDF:26684.3/1

+ sign 3337.501+/-0.806 χ^2/NDF: 1428433.9/20

All: 3258.224+/-0.567 χ^2/NDF: 2723413.8/41

- sign 3180.921+/-0.796 χ^2/NDF: 1275889.1/20

dit_asym_atr_avg_mean vs Slug



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

Left Out: 2084.398+/-1341.471 χ^2/NDF:2.1/3

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

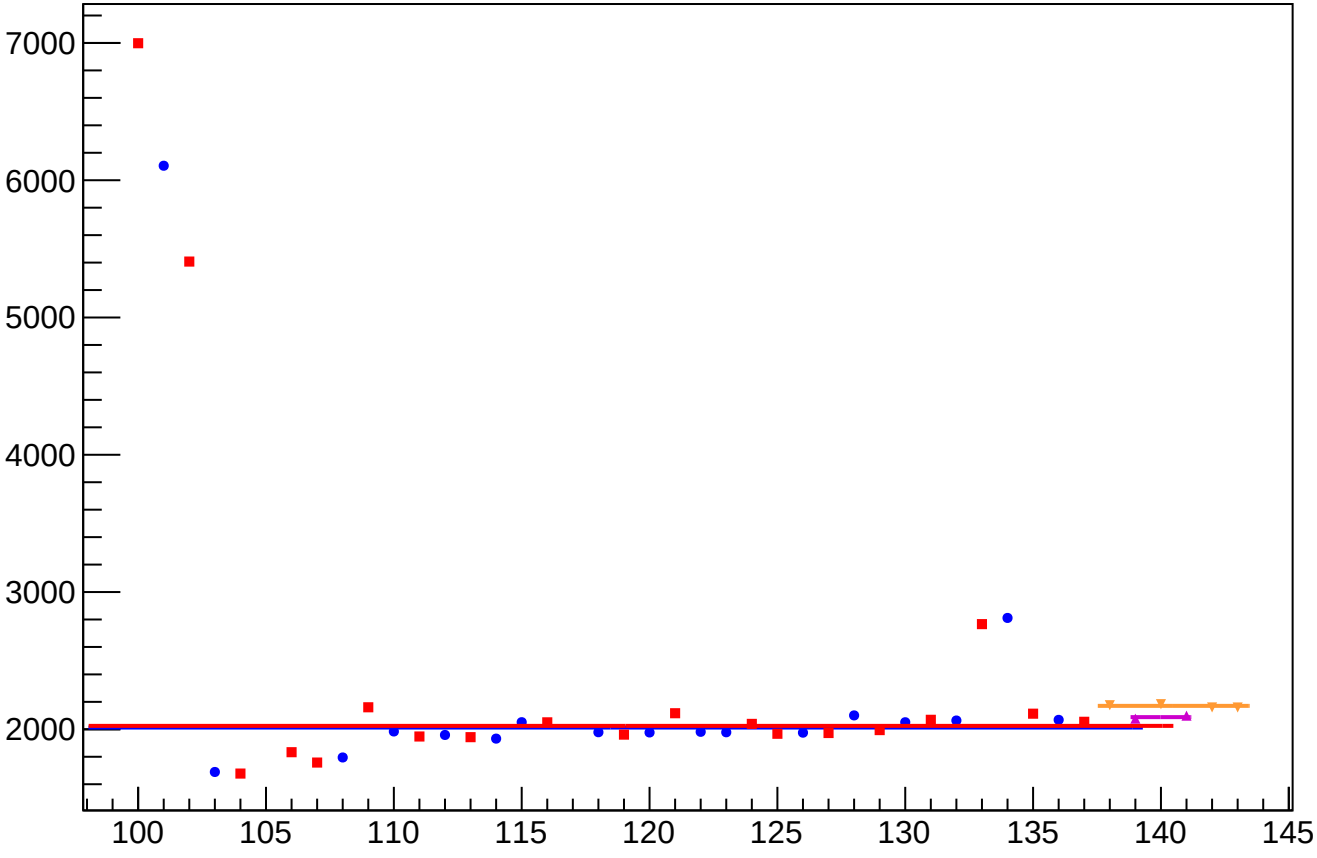
Left In: -5982.389+/-1630.760 χ^2/NDF:0.2/1

+ sign 2745.888+/-684.173 χ^2/NDF: 12.3/20

All: -155.560+/-491.325 χ^2/NDF: 72.7/41

- sign -3245.262+/-706.020 χ^2/NDF: 23.2/20

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2170.803+/-0.949 χ^2/NDF:121.3/3

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

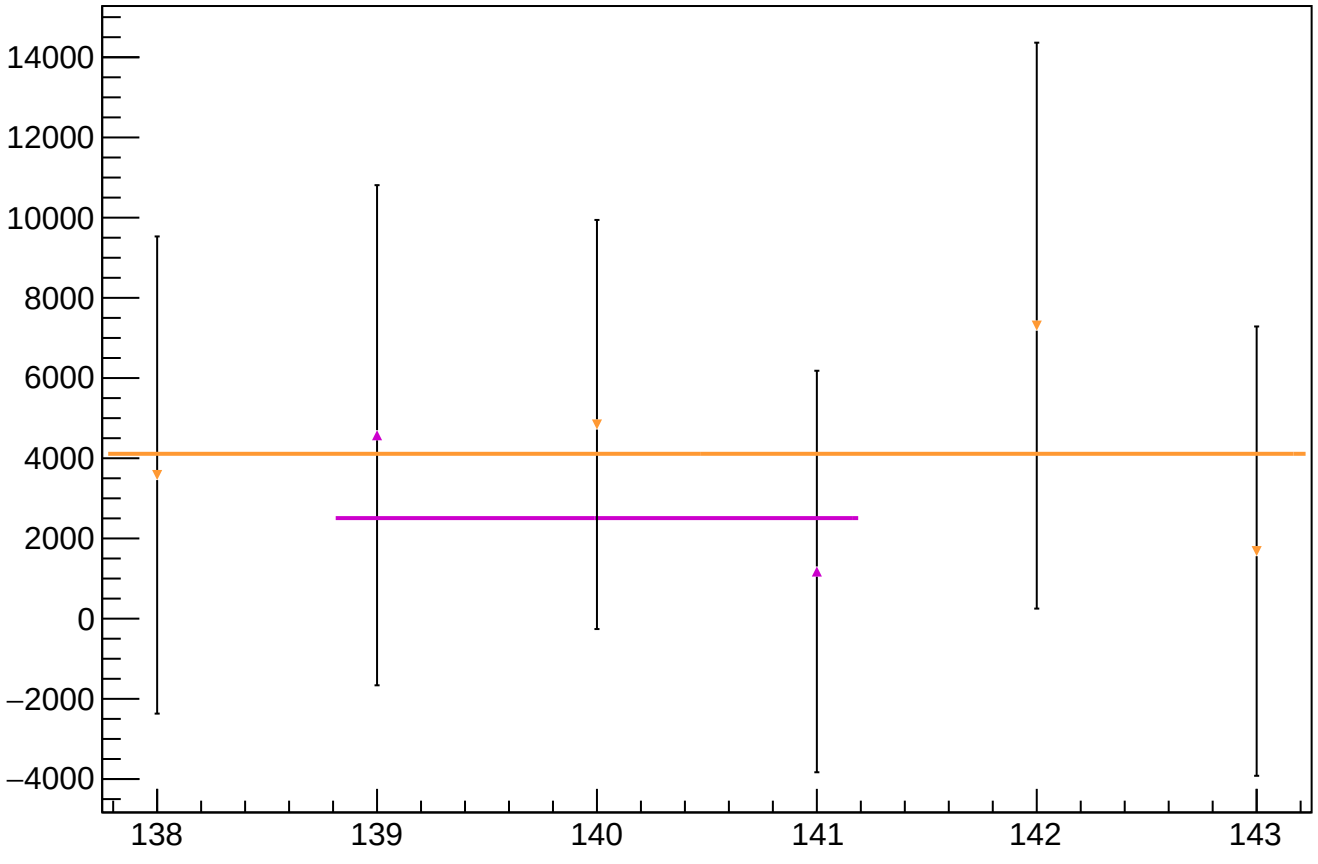
Left In: 2088.793+/-1.153 χ^2/NDF:88.9/1

+ sign 2054.007+/-0.484 χ^2/NDF: 638319.6/20

All: 2045.772+/-0.347 χ^2/NDF: 1238910.8/41

- sign 2037.007+/-0.499 χ^2/NDF: 599993.2/20

asym_atr_avg_correction_mean vs Slug



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

Left Out: 4110.889+/-2903.579 χ^2/NDF:0.4/3

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

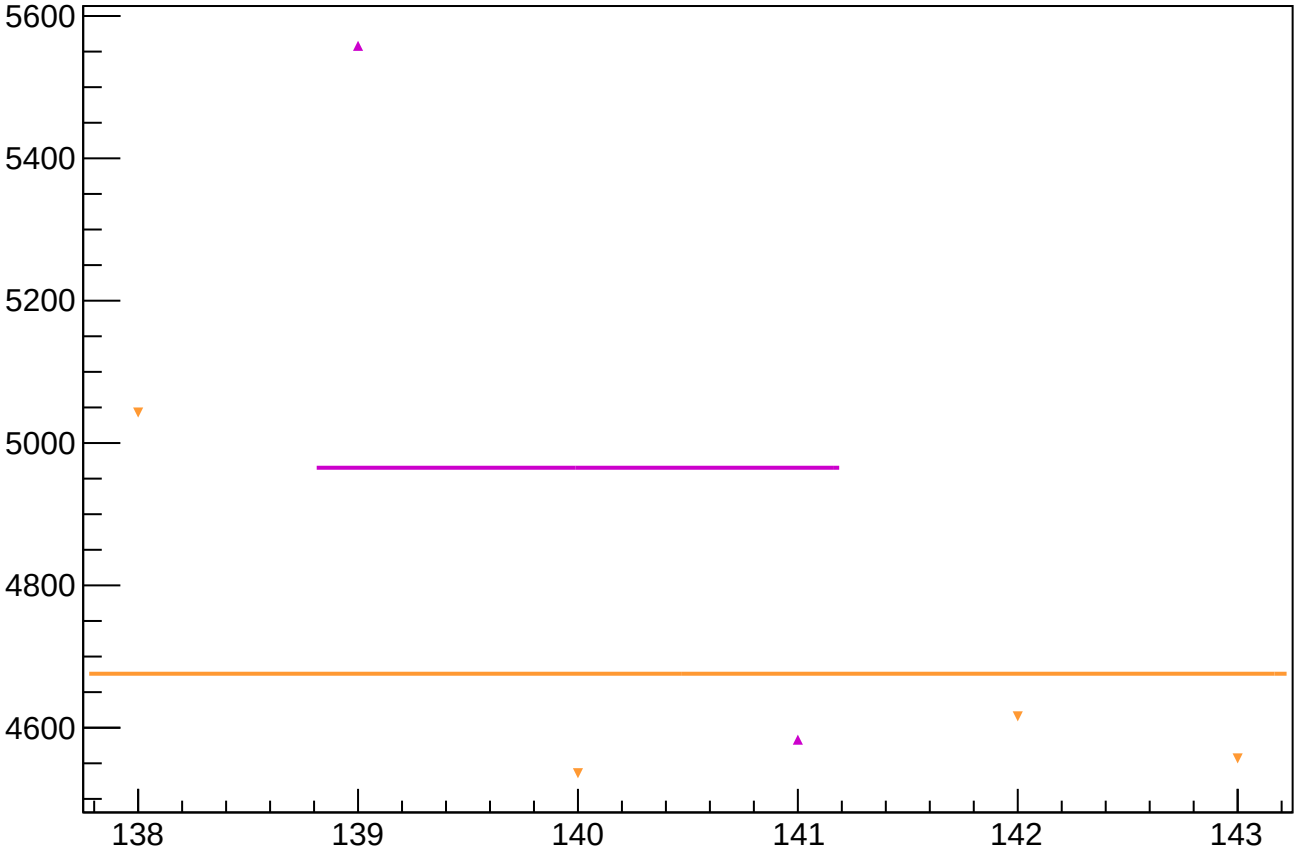
Left In: 2507.344+/-3904.149 χ^2/NDF:0.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3539.815+/-2329.872 χ^2/NDF: 0.7/5

- 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: 4675.861+/-2.053 χ^2/NDF:10156.4/3

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

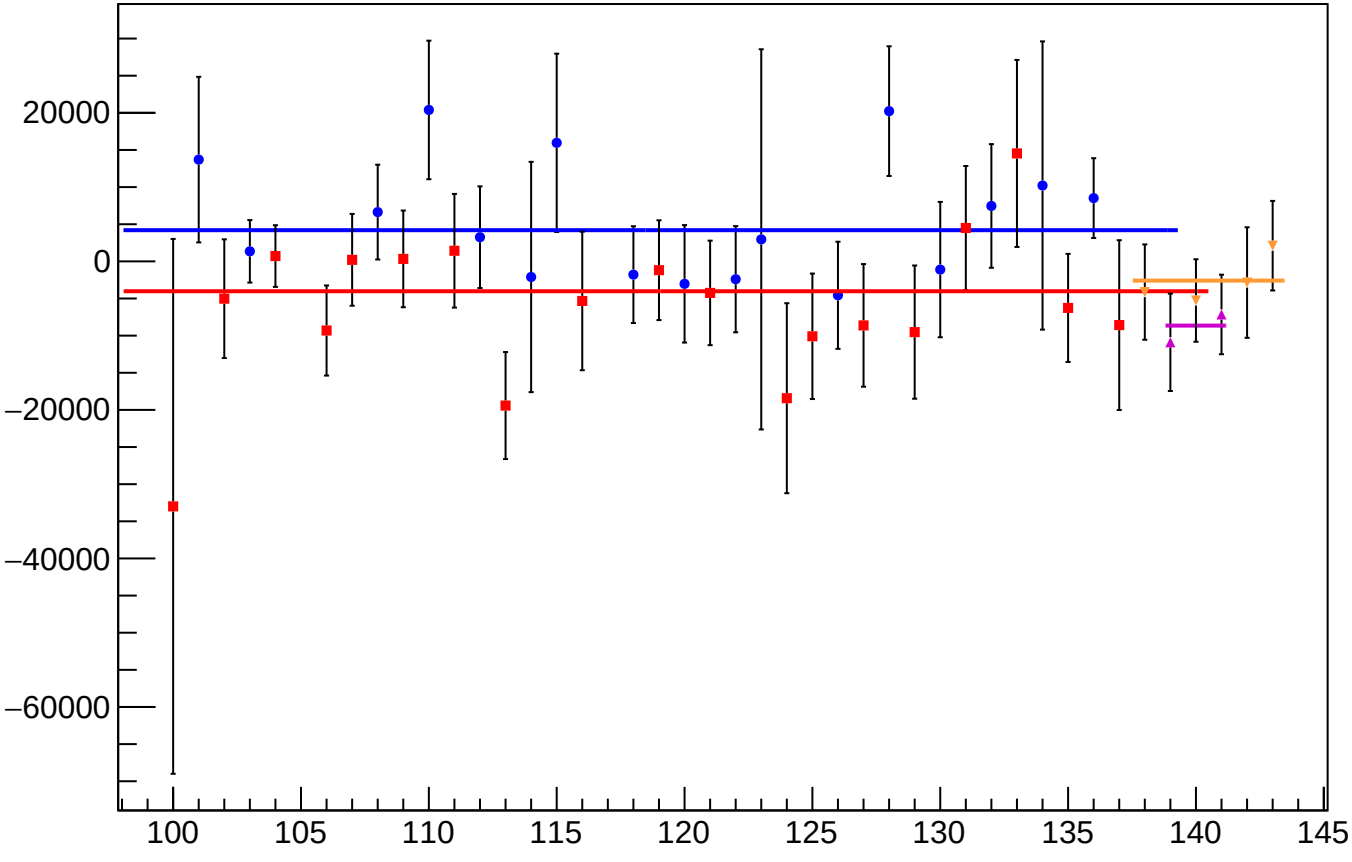
Left In: 4965.281+/-2.761 χ^2/NDF:29717.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4778.933+/-1.647 χ^2/NDF: 46951.0/5

- 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: -2587.794+/-3127.649 χ^2/NDF:0.9/3

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

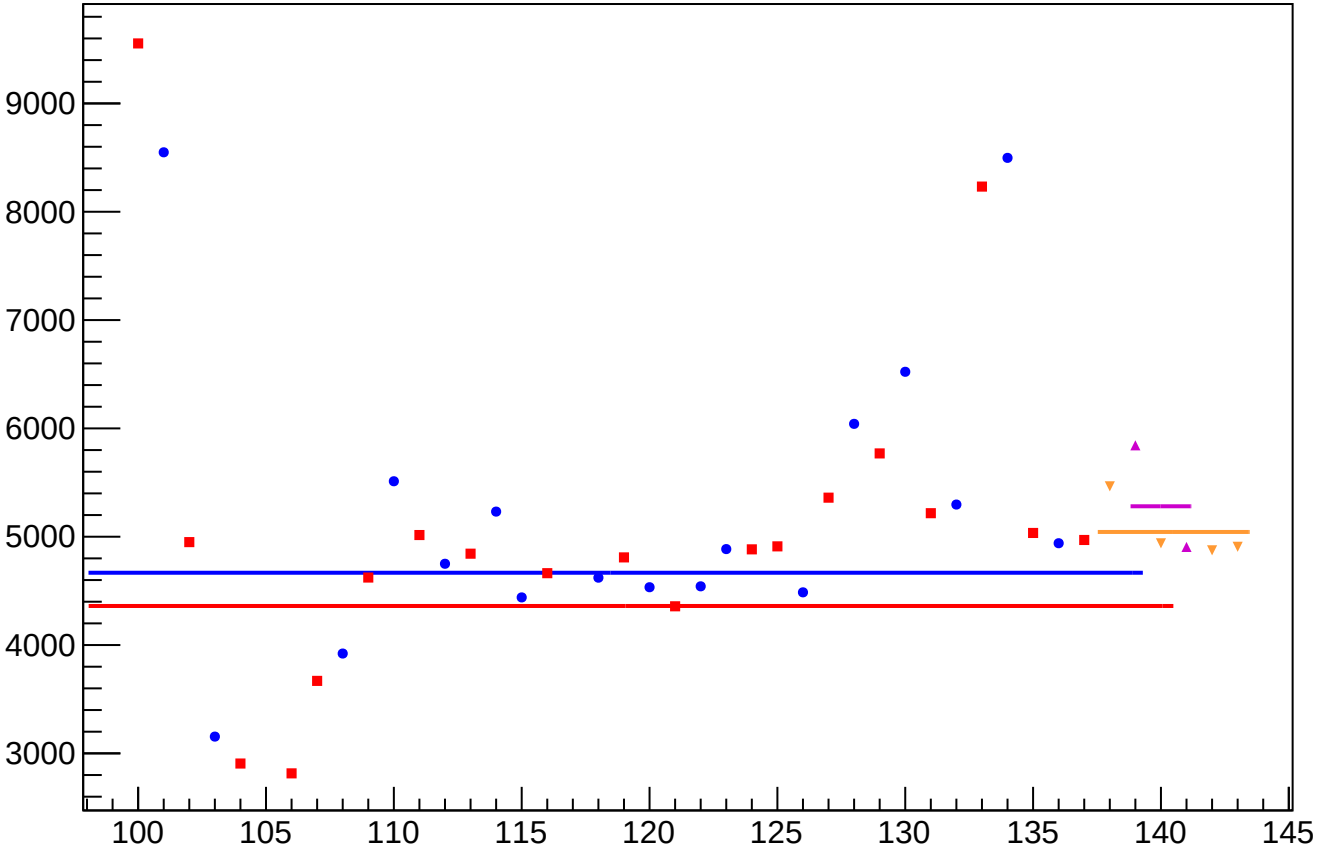
Left In: -8648.166+/-4147.059 χ^2/NDF:0.2/1

+ sign 2428.781+/-1597.270 χ^2/NDF: 18.5/20

All: -1148.441+/-1127.877 χ^2/NDF: 44.6/41

- sign -4705.920+/-1592.856 χ^2/NDF: 16.1/20

asym_atr_avg_rms vs Slug



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

Left Out: 5043.984+/-2.212 χ^2/NDF:11392.5/3

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

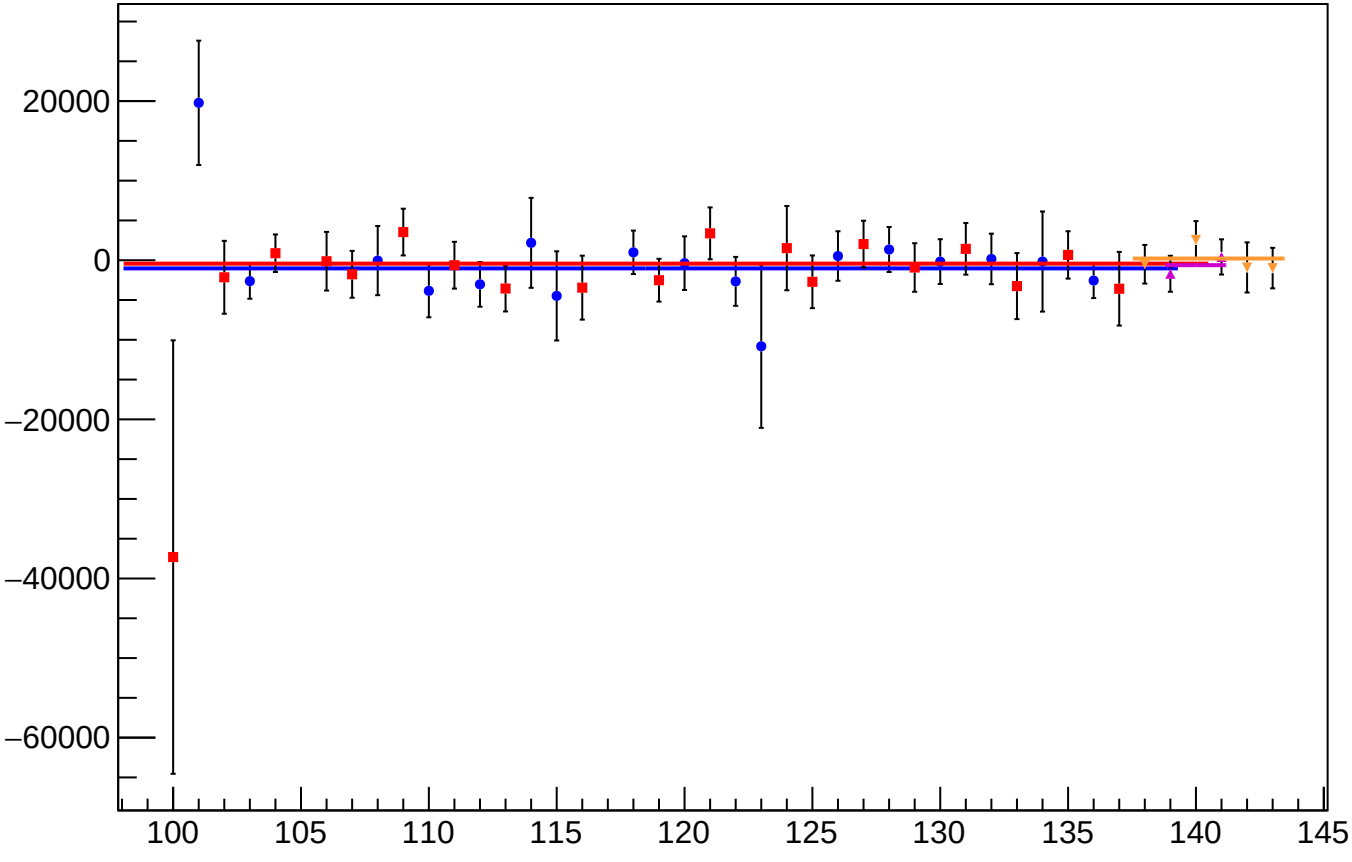
Left In: 5281.041+/-2.932 χ^2/NDF:24557.2/1

+ sign 4765.668+/-1.129 χ^2/NDF: 810675.0/20

All: 4629.311+/-0.796 χ^2/NDF: 1781040.8/41

- sign 4495.040+/-1.121 χ^2/NDF: 941437.4/20

dit_asym_atr_dd_mean vs Slug



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

Left Out: 214.079+/-1286.579 χ^2/NDF:1.4/3

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

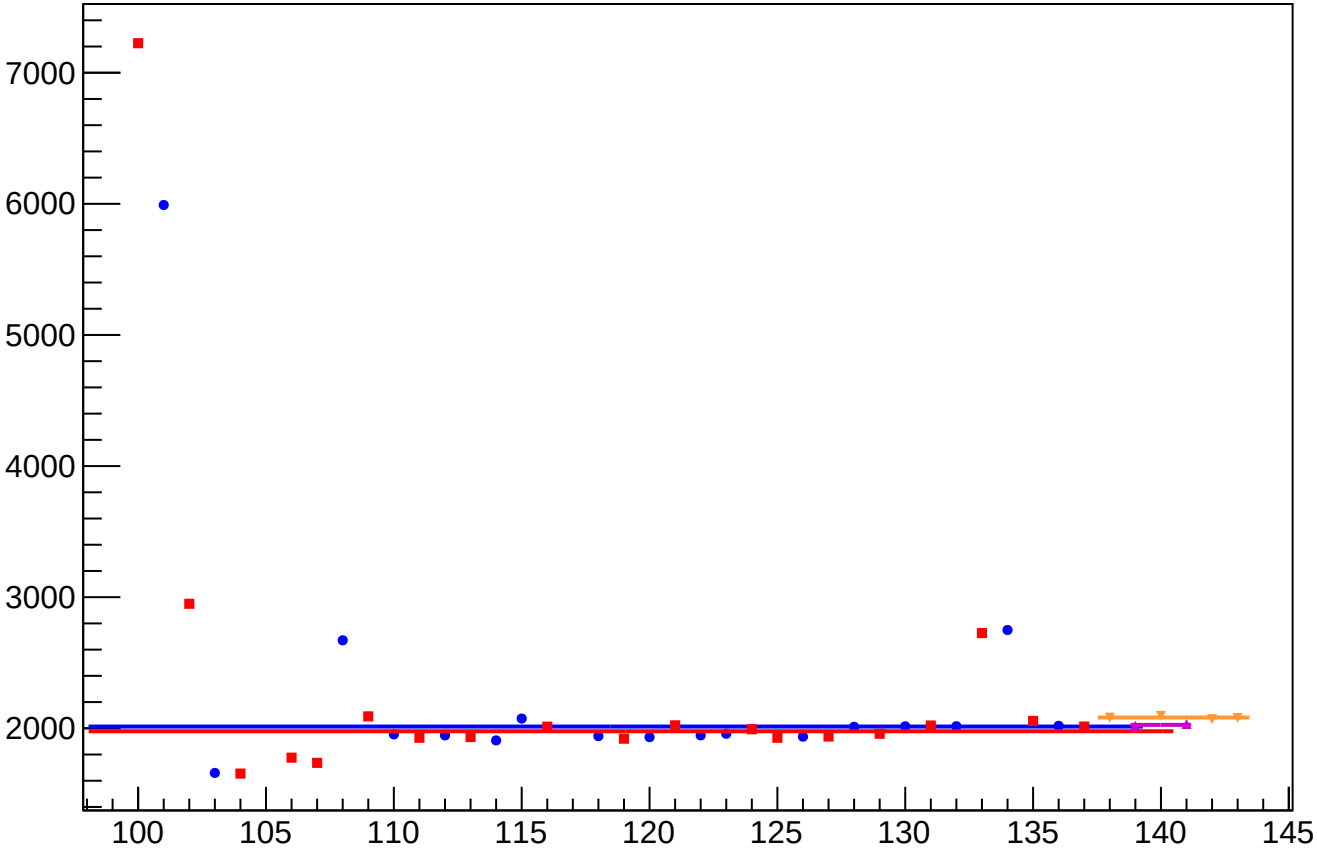
Left In: -620.236+/-1581.377 χ^2/NDF:0.4/1

+ sign -683.108+/-677.285 χ^2/NDF: 15.1/20

All: -575.152+/-481.824 χ^2/NDF: 26.4/41

- sign -464.529+/-685.597 χ^2/NDF: 11.2/20

dit_asym_atr_dd_rms vs Slug



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

Left Out: 2082.254+/-0.910 χ^2/NDF:90.5/3

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

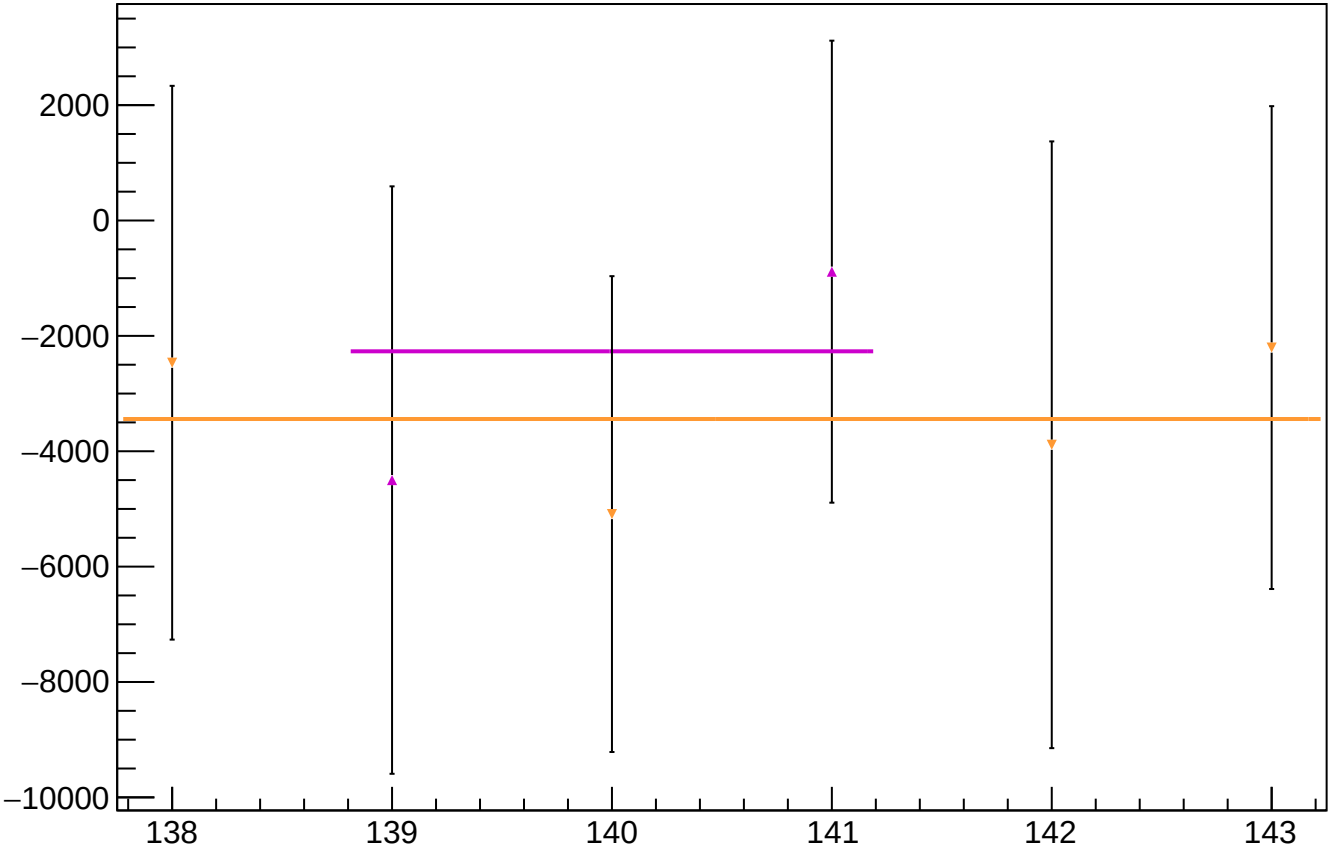
Left In: 2026.088+/-1.118 χ^2/NDF:42.6/1

+ sign 2032.387+/-0.479 χ^2/NDF: 654295.5/20

All: 2009.779+/-0.341 χ^2/NDF: 955276.2/41

- sign 1986.653+/-0.484 χ^2/NDF: 296472.8/20

asym_atr_dd_correction_mean vs Slug



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

Left Out: -3441.118+/-2262.034 χ^2/NDF:0.3/3

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

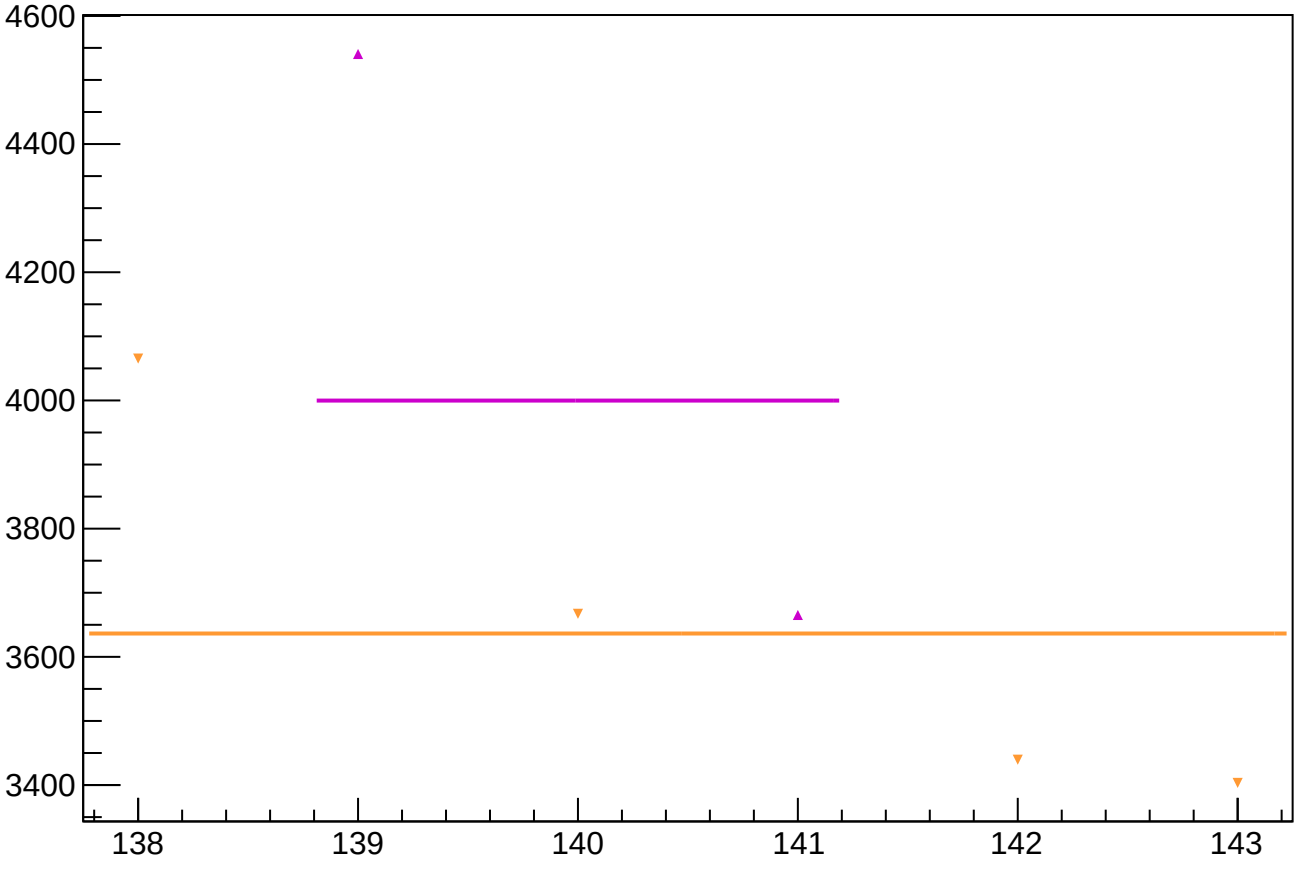
Left In: -2267.689+/-3147.727 χ^2/NDF:0.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3041.504+/-1836.915 χ^2/NDF: 0.7/5

- 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: 3636.416+/-1.599 χ^2/NDF:25084.2/3

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

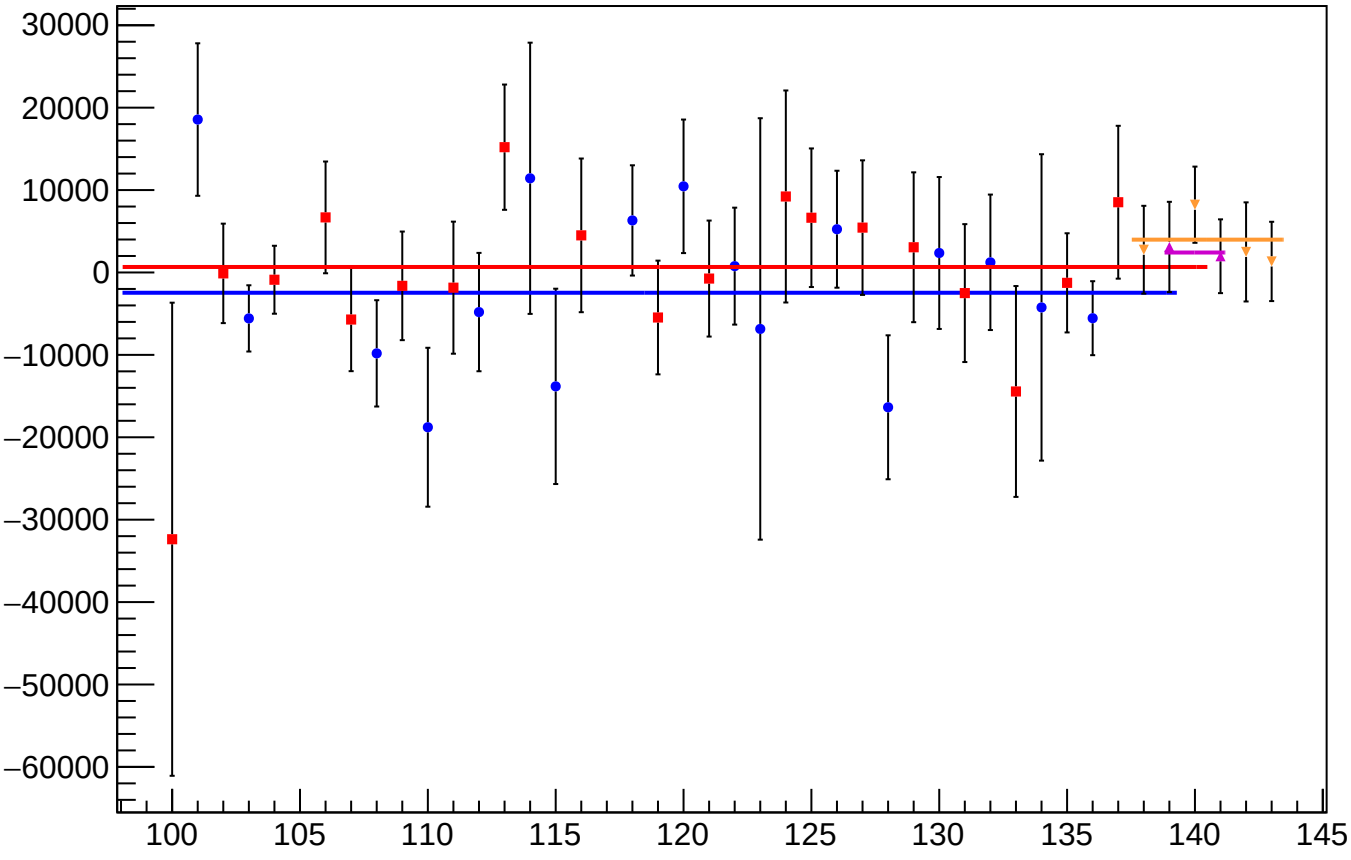
Left In: 3999.801+/-2.226 χ^2/NDF:36502.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3760.168+/-1.299 χ^2/NDF: 79164.2/5

- 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: 3982.165+/-2557.905 χ^2/NDF:1.3/3

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

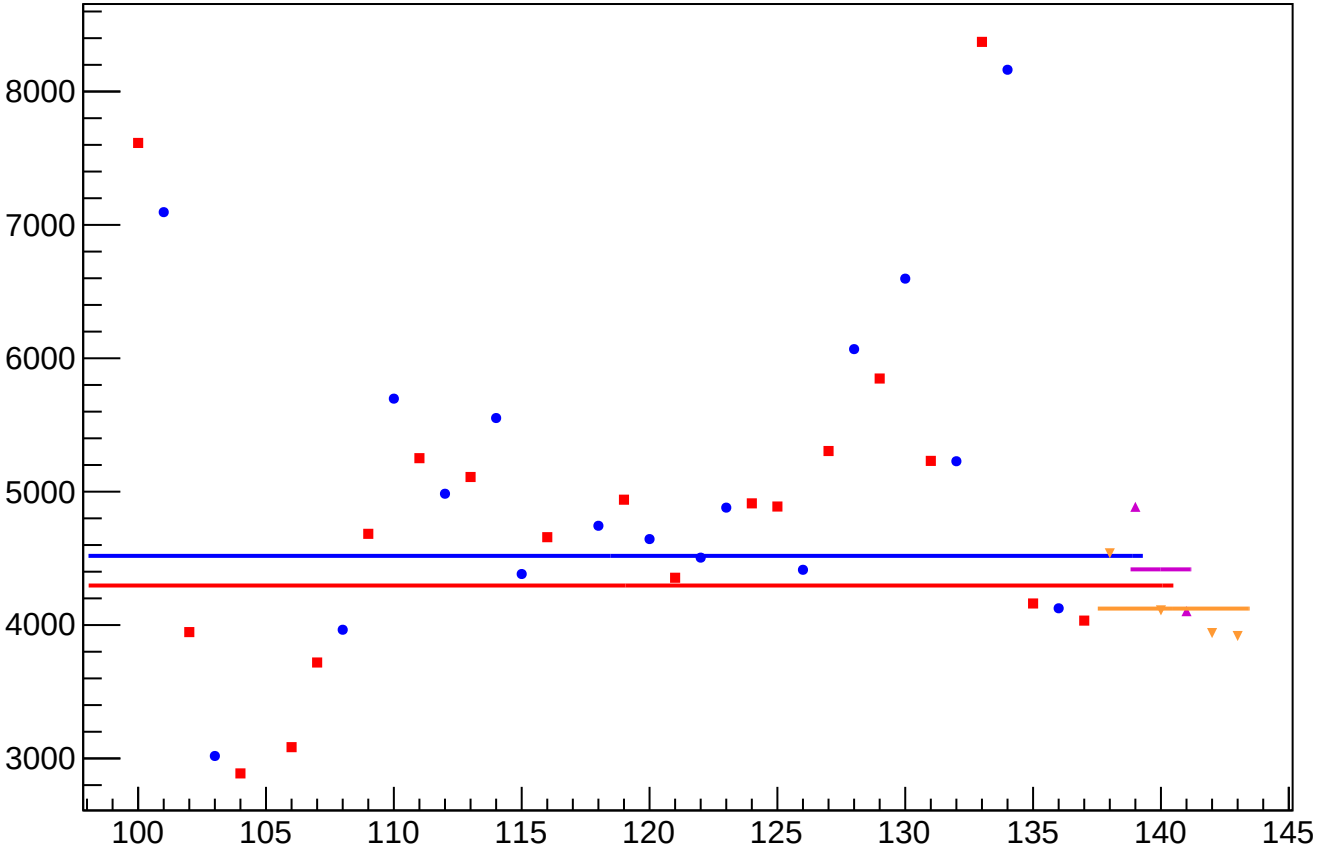
Left In: 2420.359+/-3466.238 χ^2/NDF:0.0/1

+ sign -332.216+/-1470.572 χ^2/NDF: 26.3/20

All: 313.808+/-1056.533 χ^2/NDF: 38.9/41

- sign 1003.018+/-1518.928 χ^2/NDF: 12.1/20

asym_atr_dd_rms vs Slug



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

Left Out: 4123.484+/-1.809 χ^2/NDF:17620.7/3

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

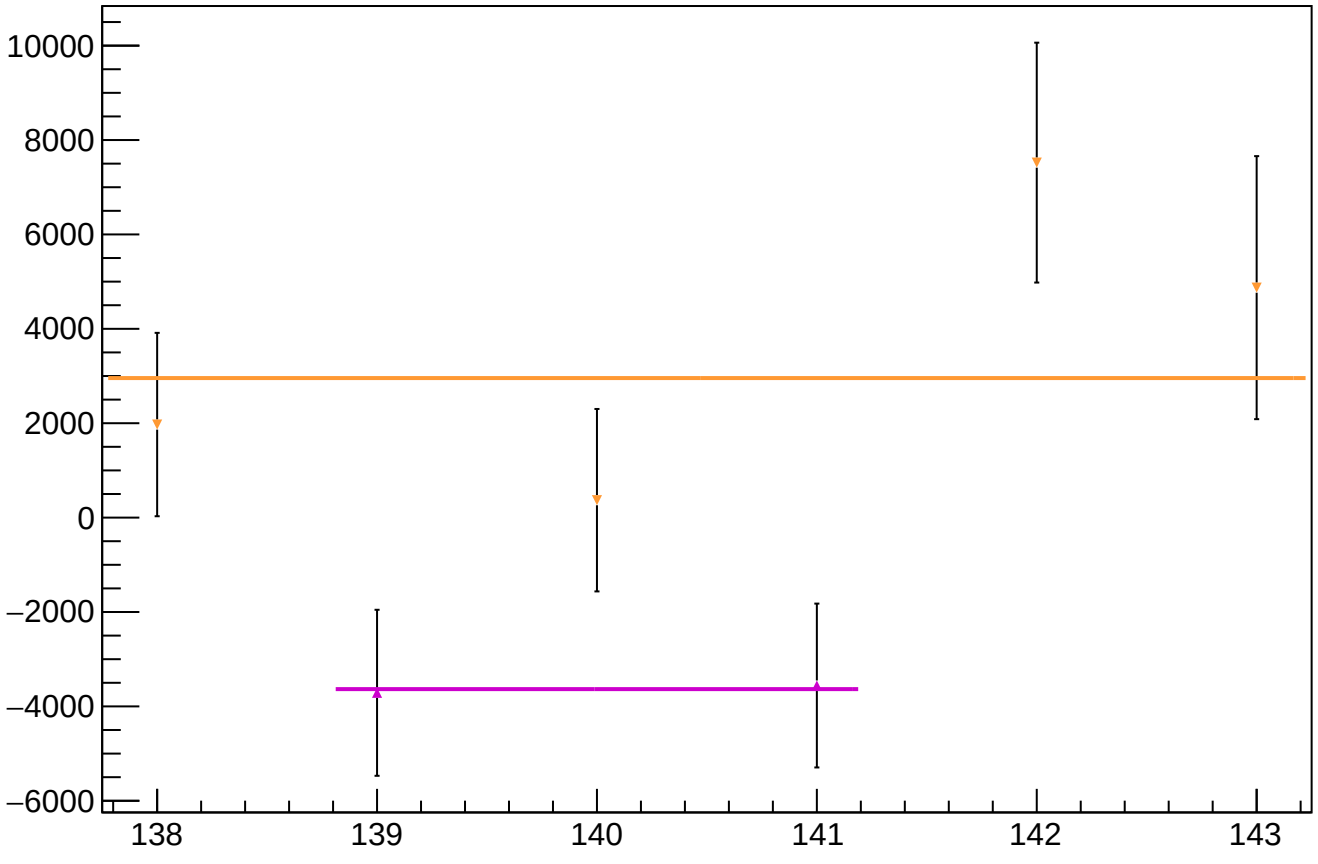
Left In: 4417.463+/-2.451 χ^2/NDF:24469.6/1

+ sign 4388.061+/-1.040 χ^2/NDF: 819809.2/20

All: 4354.697+/-0.745 χ^2/NDF: 1620075.3/41

- sign 4319.422+/-1.069 χ^2/NDF: 798148.2/20

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 2956.575+/-1106.839 χ^2/NDF:5.7/3

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

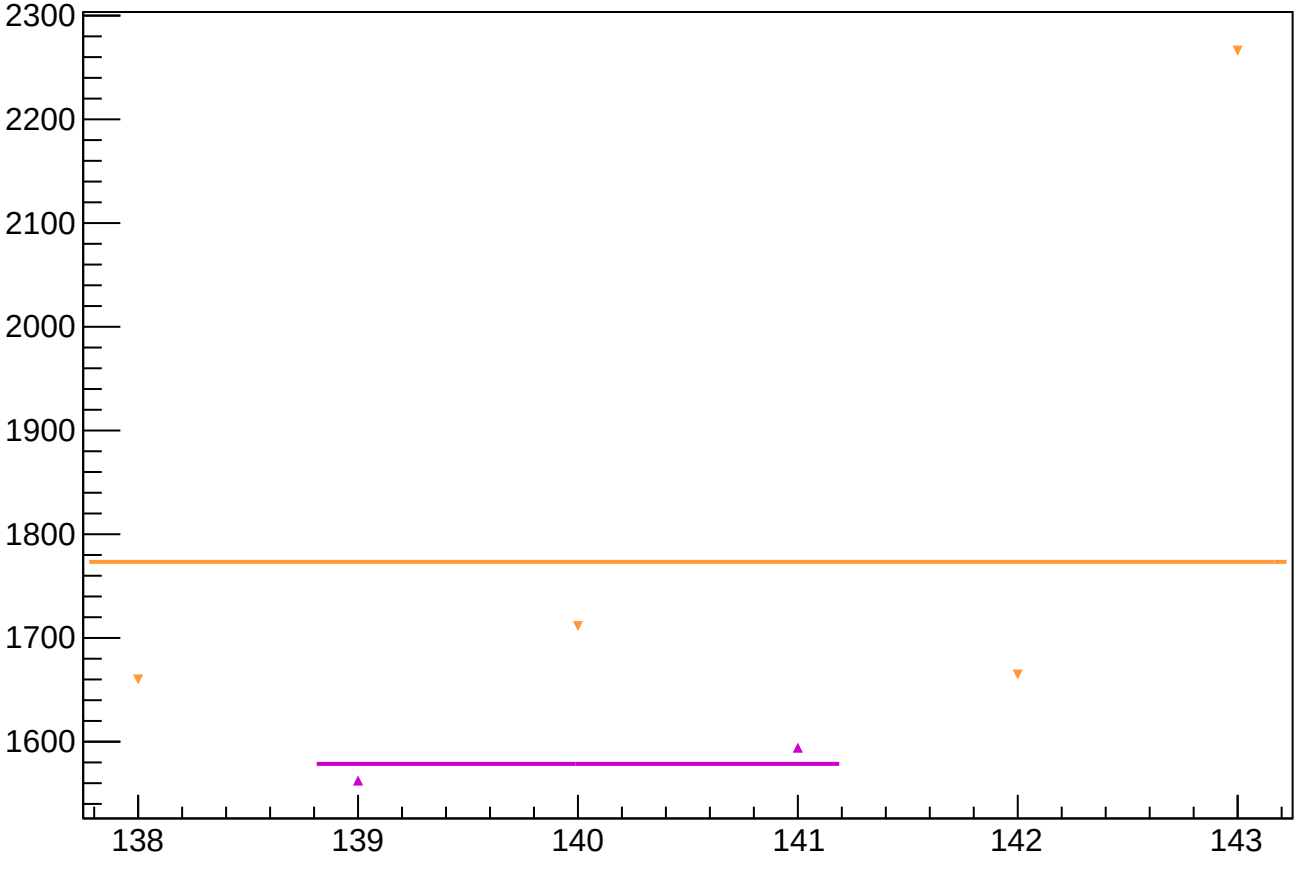
Left In: -3633.869+/-1235.442 χ^2/NDF:0.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 22.112+/-824.383 χ^2/NDF: 21.5/5

- 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: 1773.376+/-0.783 χ^2/NDF:75080.9/3

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

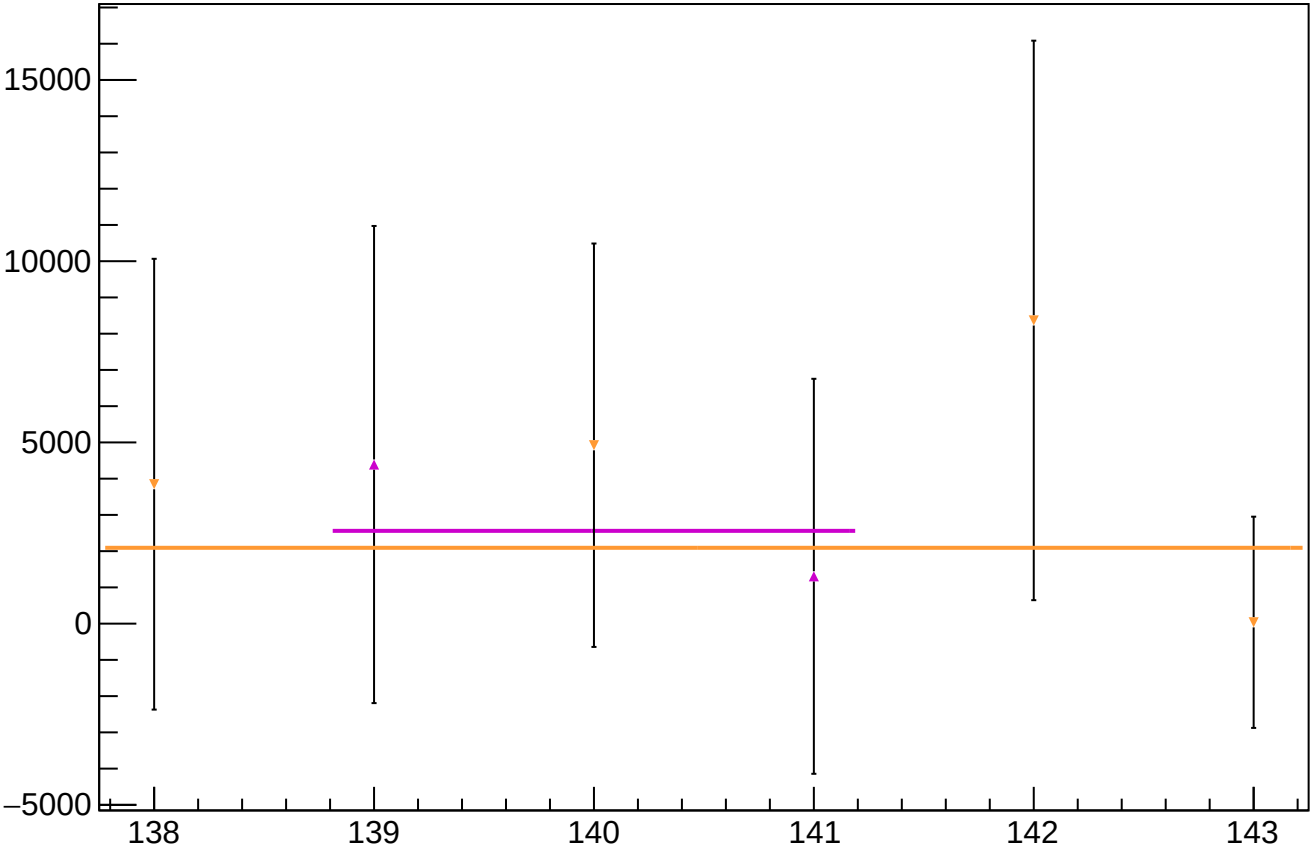
Left In: 1578.613+/-0.874 χ^2/NDF:328.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1686.655+/-0.583 χ^2/NDF: 102982.4/5

- 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: 2092.571+/-2278.105 χ^2/NDF:1.5/3

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

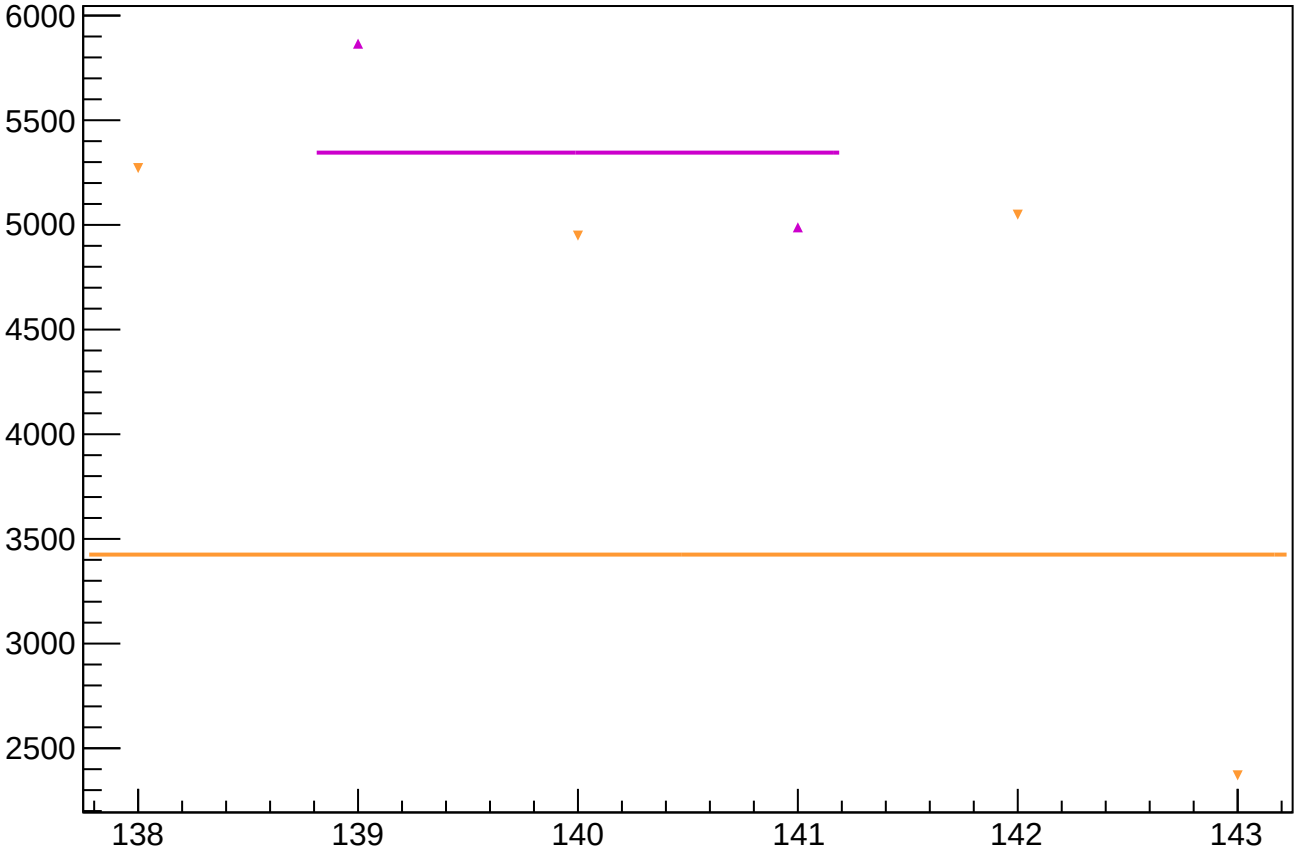
Left In: 2560.003+/-4197.399 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2198.932+/-2002.217 χ^2/NDF: 1.6/5

- 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: 3425.110+/-1.611 χ^2/NDF:676657.1/3

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

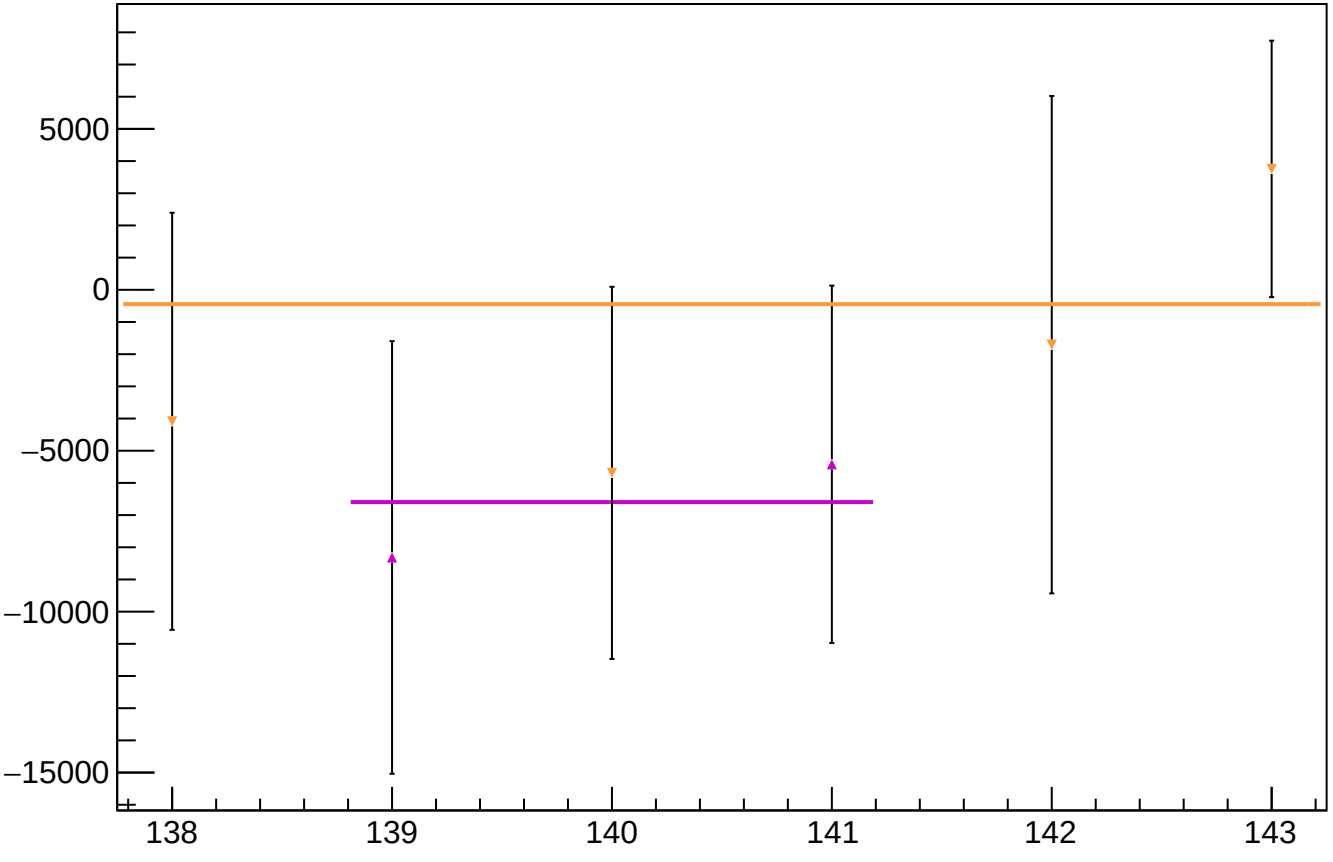
Left In: 5345.255+/-2.968 χ^2/NDF:21084.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3862.024+/-1.416 χ^2/NDF: 1021046.1/5

- 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: -444.655+/-2737.307 χ^2/NDF:2.3/3

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

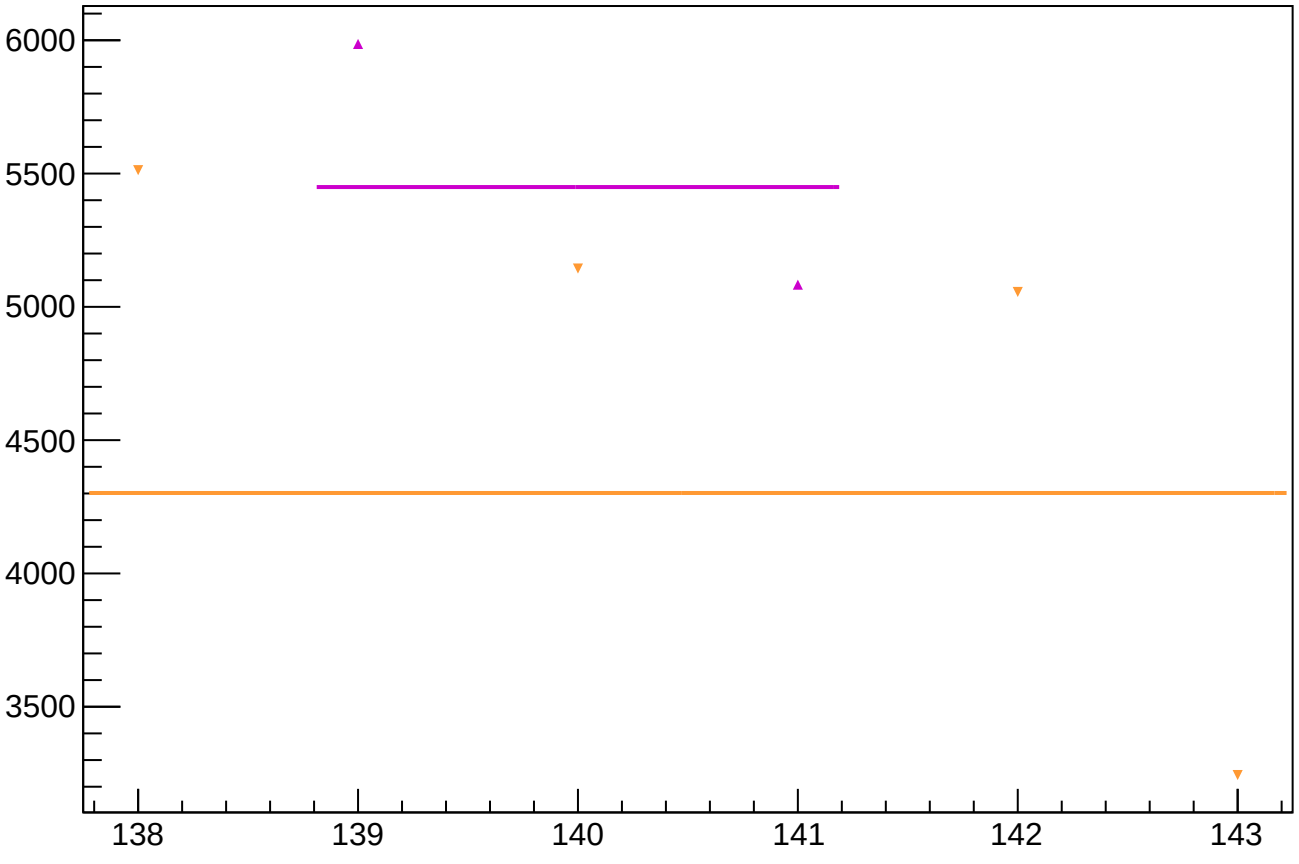
Left In: -6595.460+/-4280.693 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2229.786+/-2306.127 χ^2/NDF: 3.9/5

- 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: 4301.808+/-1.936 χ^2/NDF:272297.6/3

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

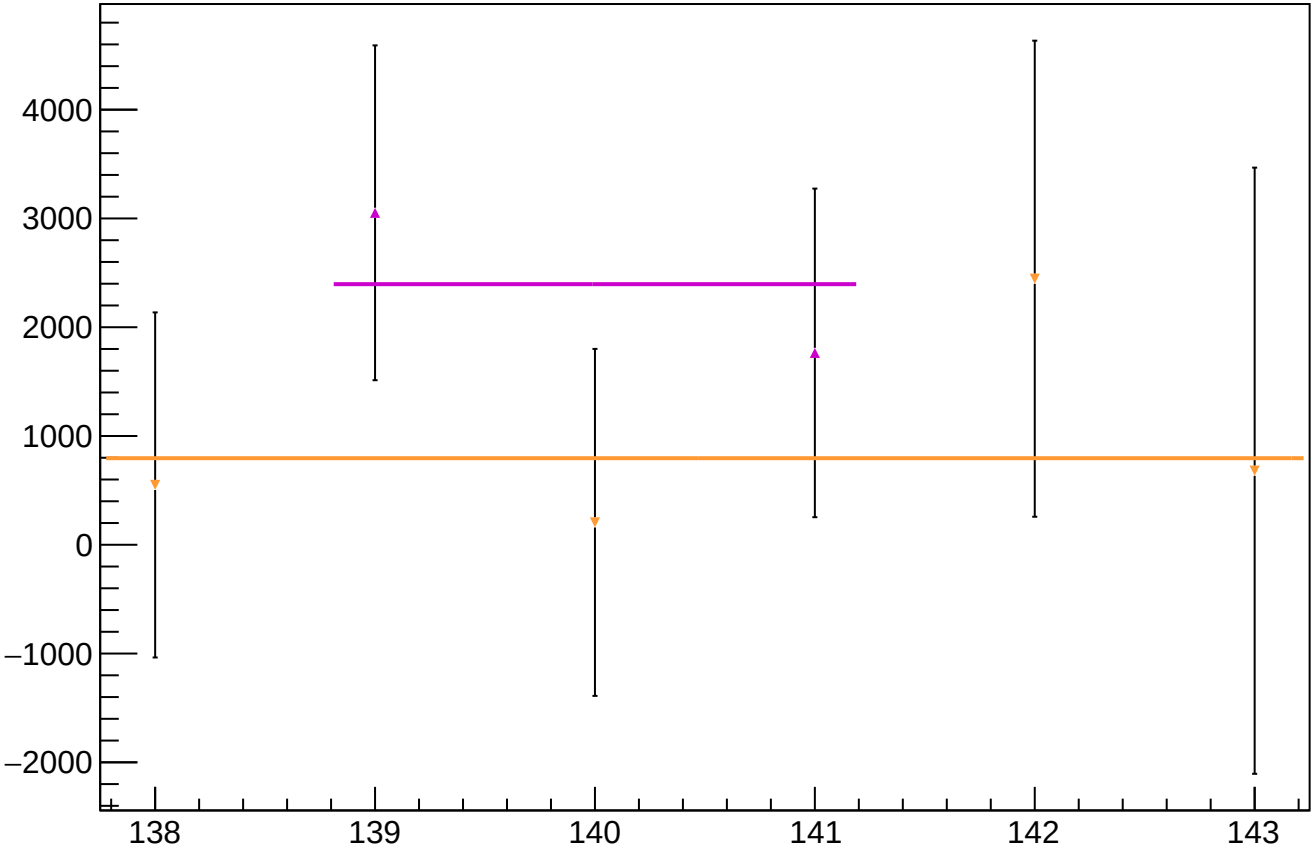
Left In: 5449.391+/-3.027 χ^2/NDF:21450.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4634.868+/-1.631 χ^2/NDF: 395769.1/5

- 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: 795.919+/-941.494 χ^2/NDF:0.7/3

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

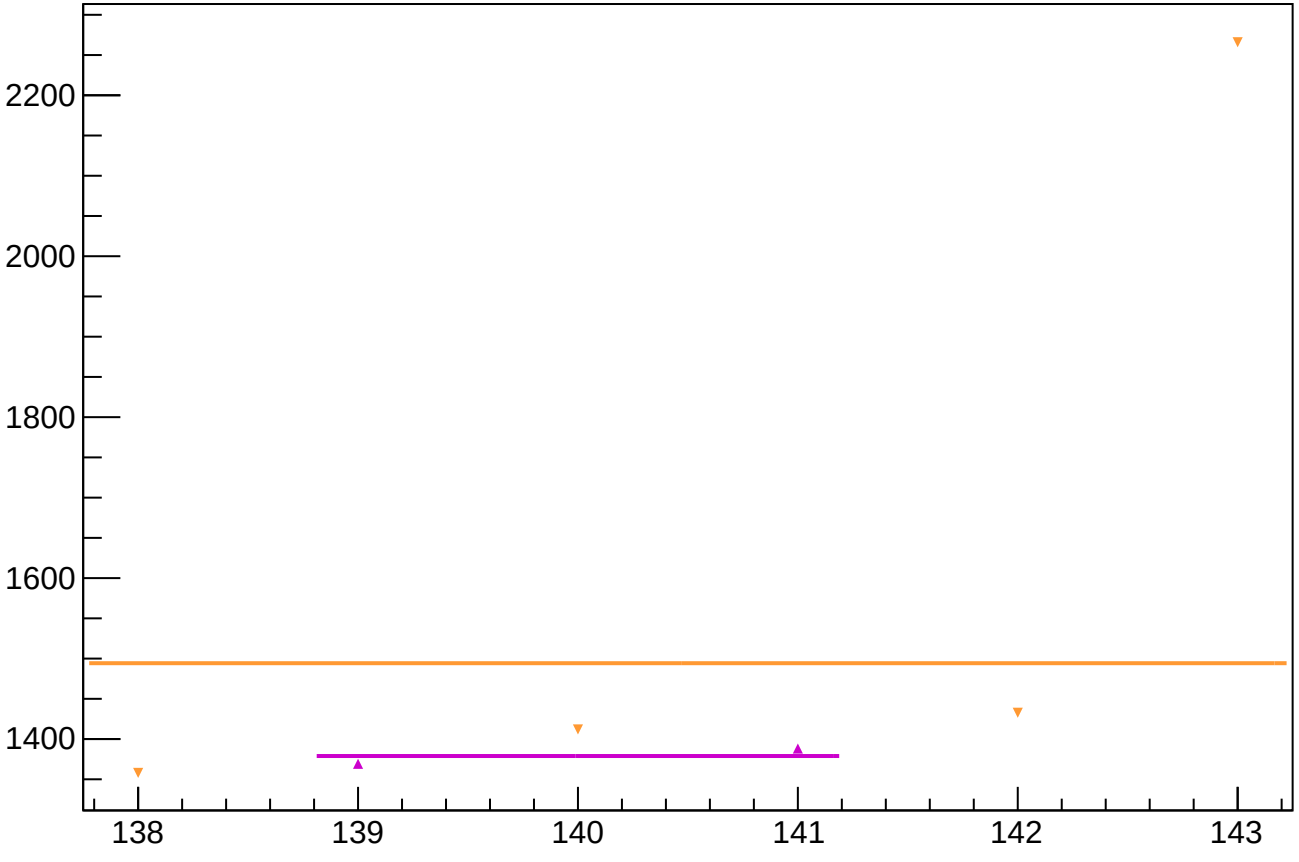
Left In: 2395.856+/-1078.047 χ^2/NDF:0.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1488.198+/-709.132 χ^2/NDF: 2.3/5

- 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: 1494.266+/-0.666 χ^2/NDF:175060.3/3

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

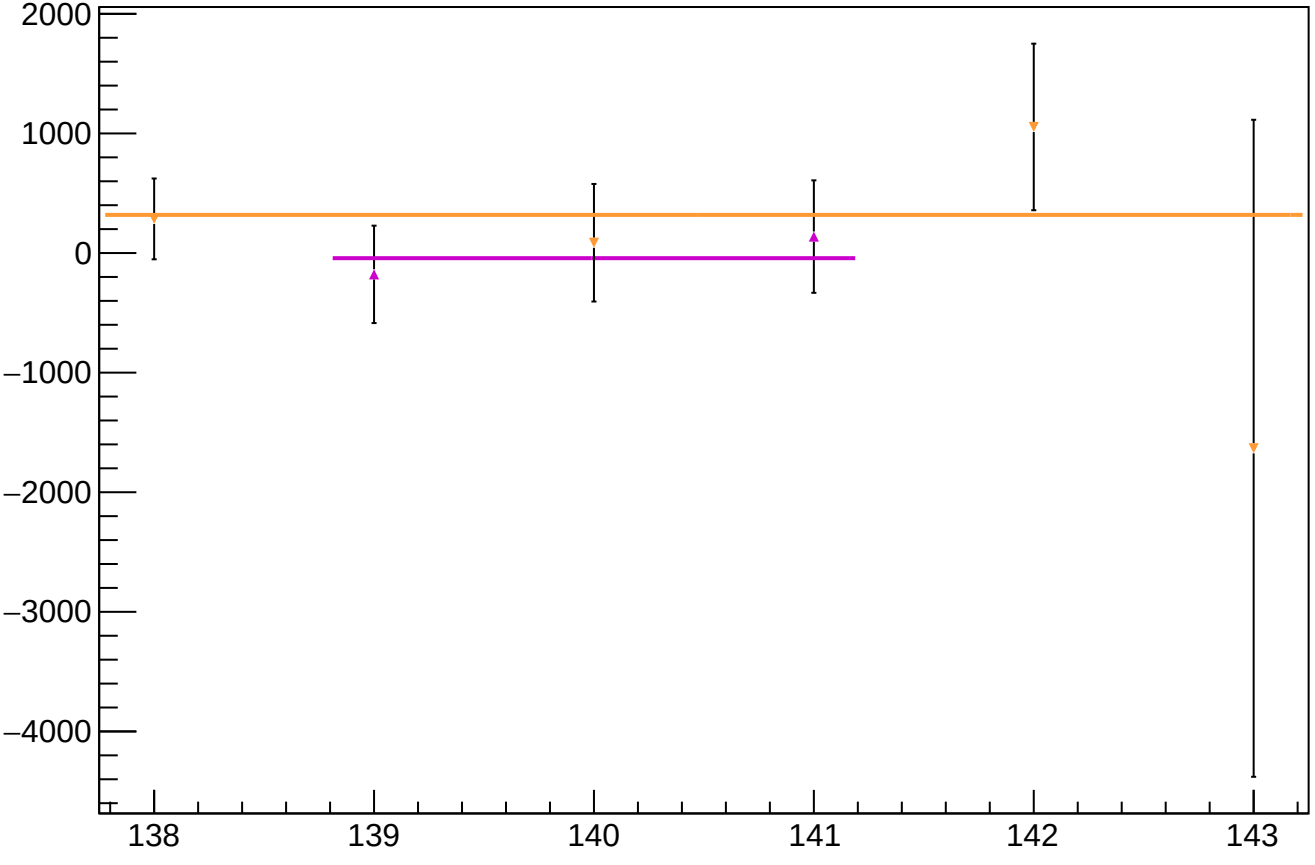
Left In: 1378.920+/-0.762 χ^2/NDF:154.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1444.357+/-0.501 χ^2/NDF: 188203.8/5

- 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: 318.961+/-257.371 χ^2/NDF:1.9/3

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

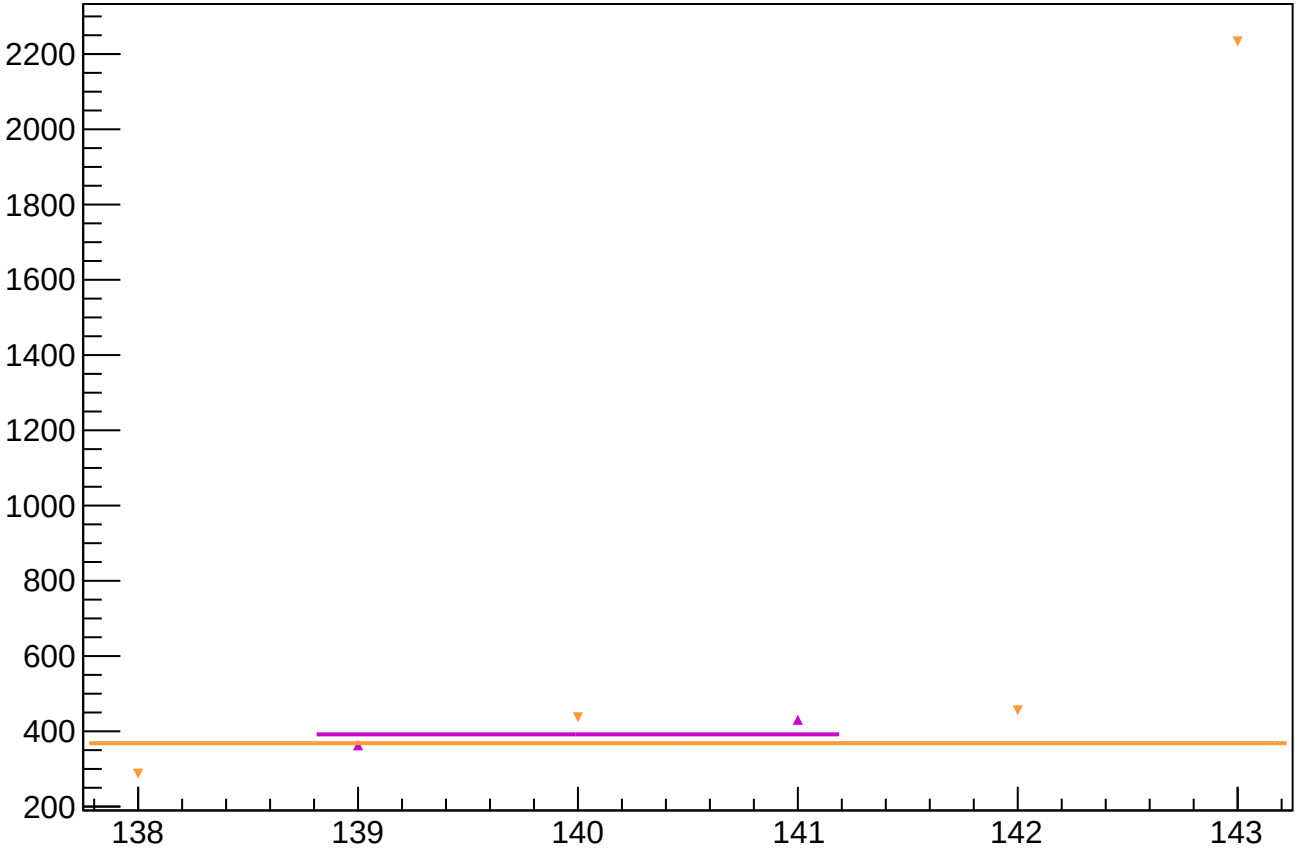
Left In: -42.968+/-307.838 χ^2/NDF:0.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 170.057+/-197.453 χ^2/NDF: 2.9/5

- 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: 368.478+/-0.182 χ^2/NDF:1107816.5/3

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

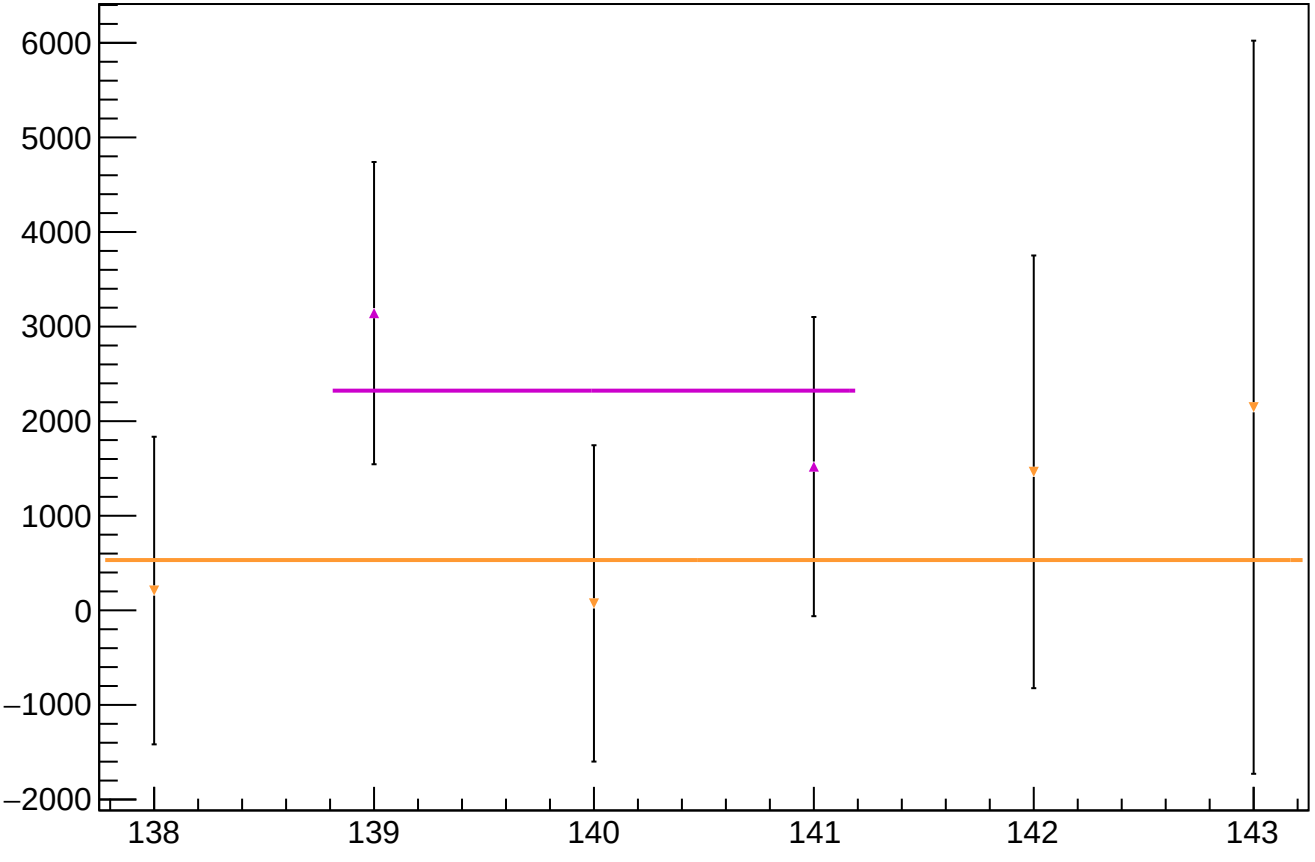
Left In: 391.912+/-0.218 χ^2/NDF:23761.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 378.119+/-0.140 χ^2/NDF: 1138399.7/5

- 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: 531.578+/-1003.298 χ^2/NDF:0.5/3

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

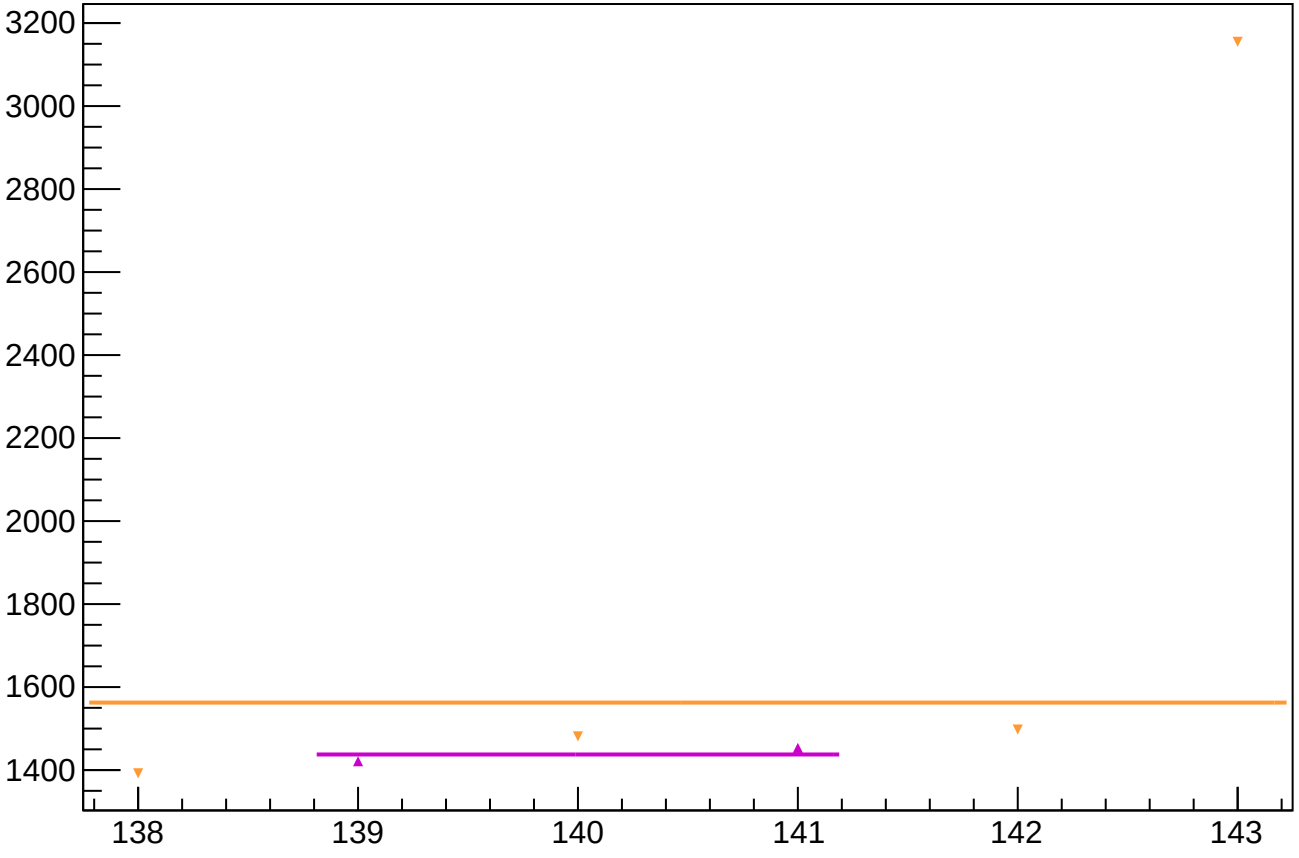
Left In: 2322.737+/-1124.055 χ^2/NDF:0.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1325.811+/-748.505 χ^2/NDF: 2.4/5

- 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: 1562.654+/-0.709 χ^2/NDF:365873.5/3

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

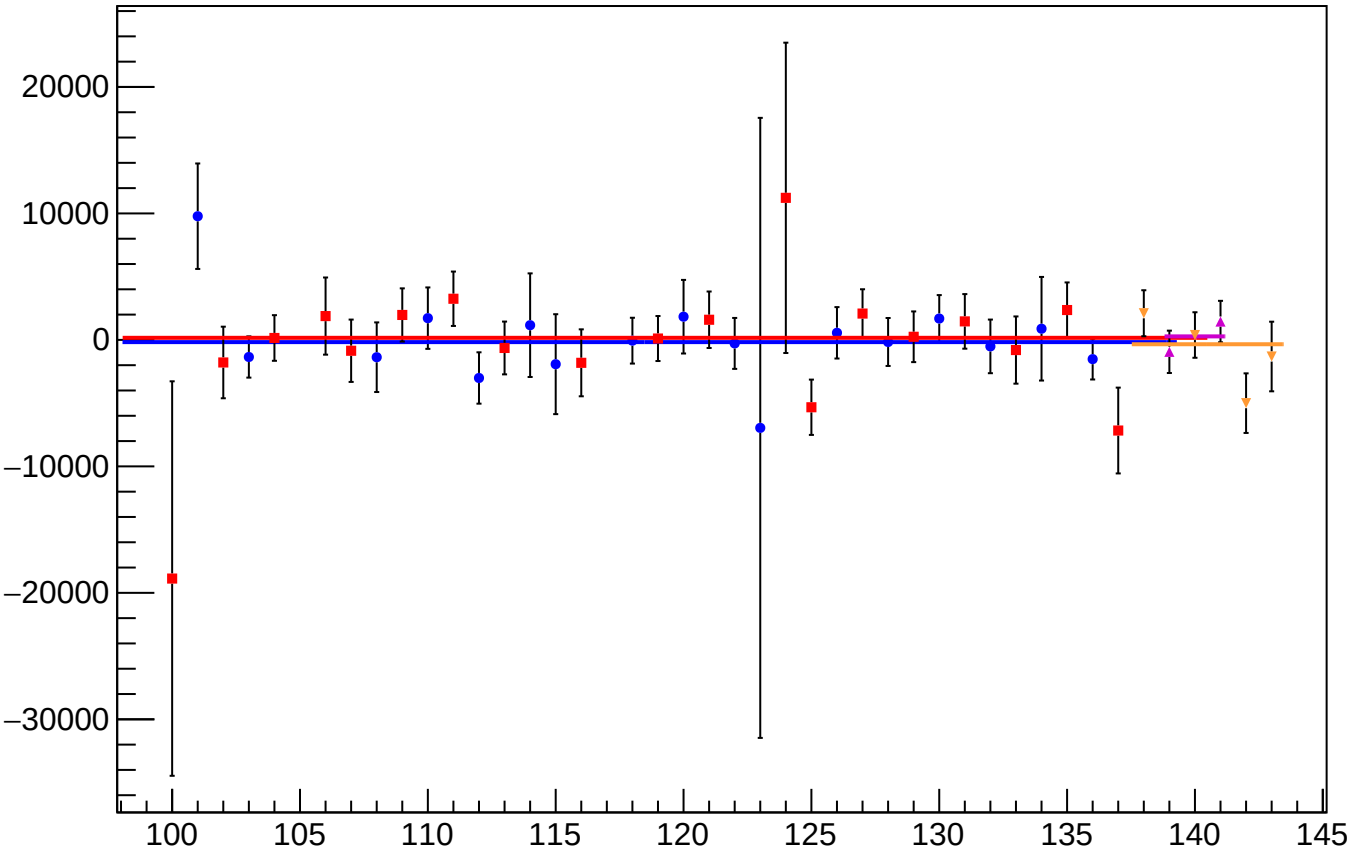
Left In: 1437.596+/-0.795 χ^2/NDF:410.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1507.201+/-0.529 χ^2/NDF: 380062.4/5

- 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: -343.346+/-1040.542 χ^2/NDF:6.0/3

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

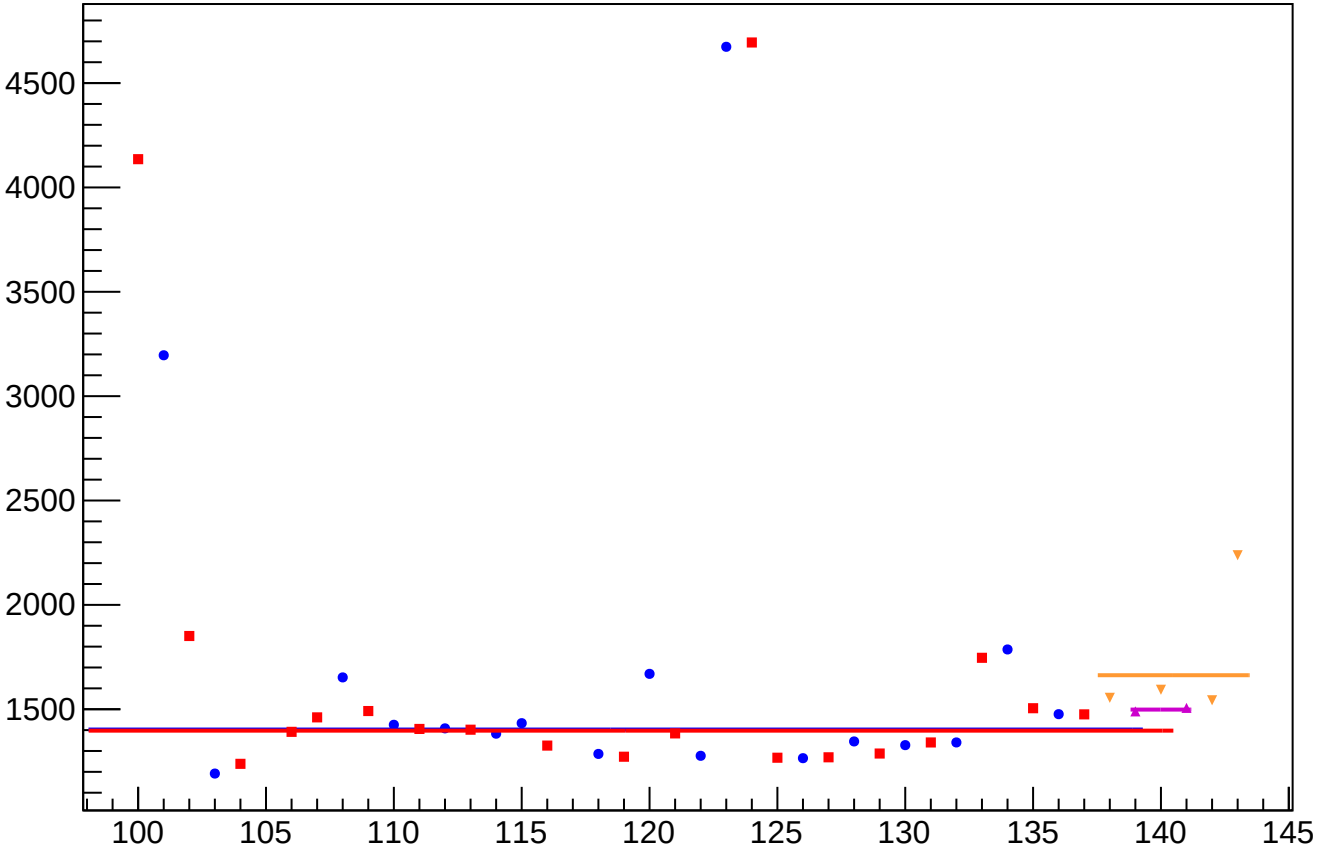
Left In: 277.812+/-1171.596 χ^2/NDF:1.0/1

+ sign -212.126+/-489.463 χ^2/NDF: 17.8/20

All: -14.119+/-346.465 χ^2/NDF: 39.8/41

- sign 184.721+/-490.491 χ^2/NDF: 21.7/20

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1662.982+/-0.736 χ^2/NDF:102528.2/3

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

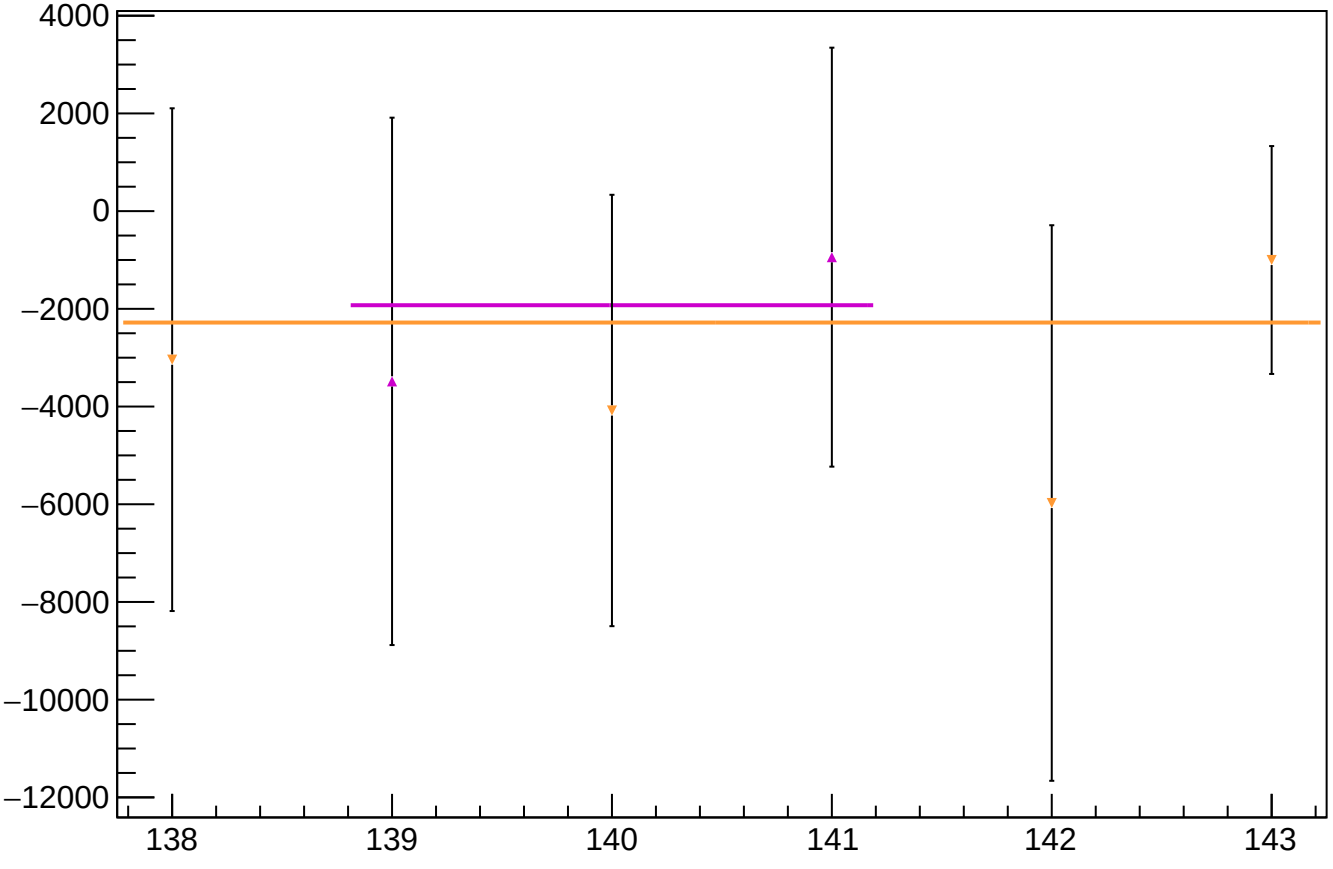
Left In: 1498.326+/-0.828 χ^2/NDF:102.8/1

+ sign 1460.299+/-0.346 χ^2/NDF: 726299.4/20

All: 1437.740+/-0.245 χ^2/NDF: 1100510.8/41

- sign 1415.107+/-0.347 χ^2/NDF: 365700.7/20

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -2280.599+/-1814.197 χ^2/NDF:0.9/3

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

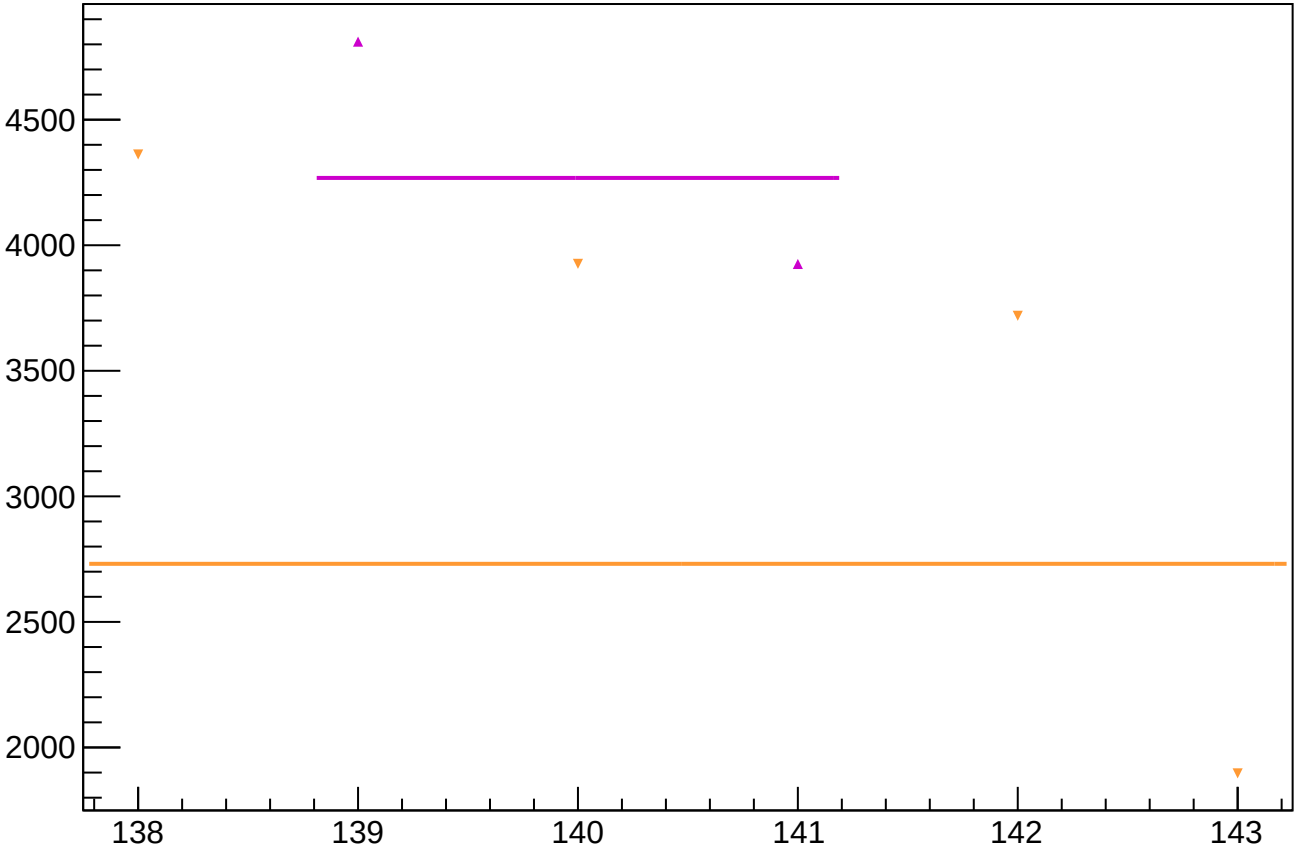
Left In: -1925.940+/-3357.479 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2200.449+/-1596.091 χ^2/NDF: 1.1/5

- 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: 2731.330+/-1.283 χ^2/NDF:663593.4/3

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

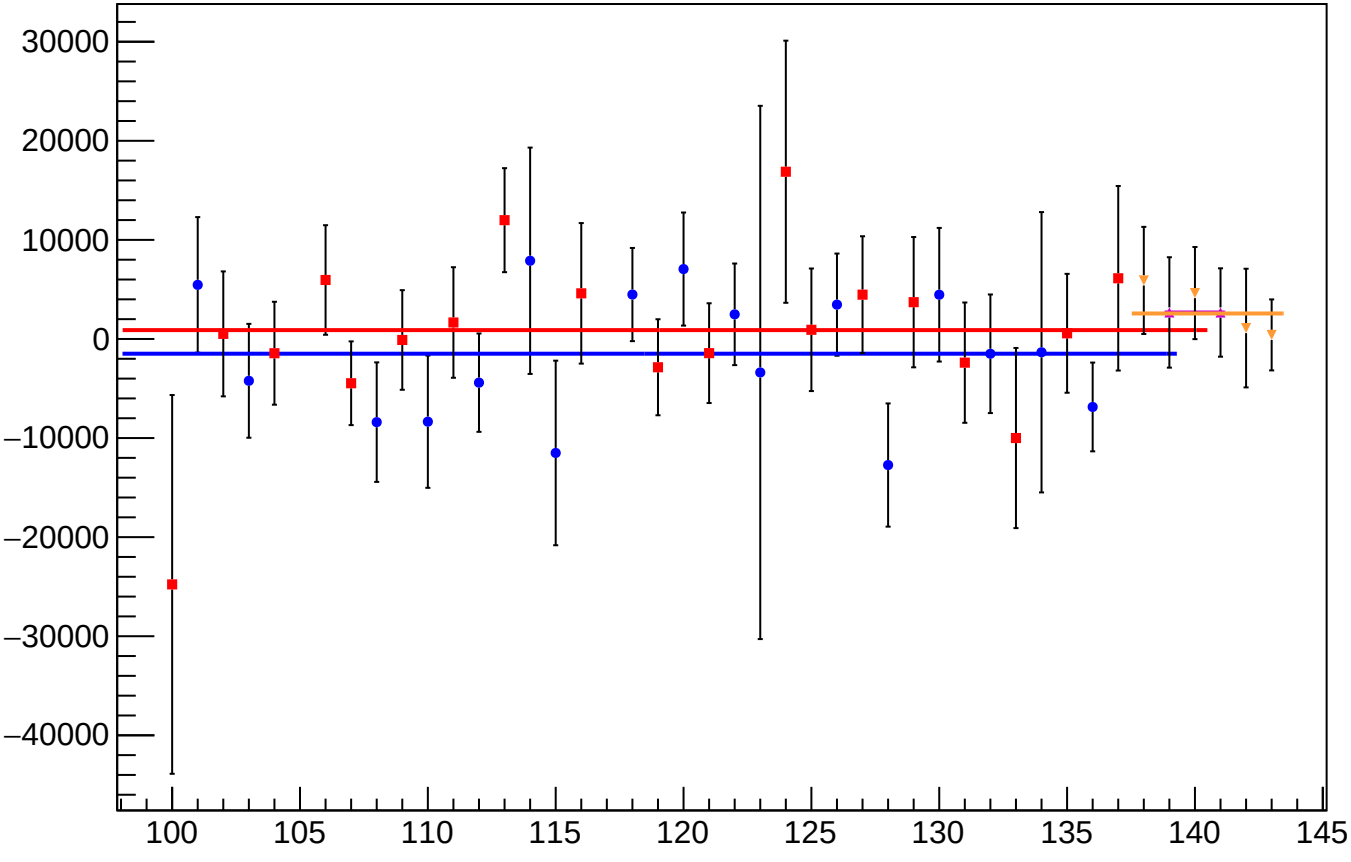
Left In: 4268.083+/-2.374 χ^2/NDF:32991.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3078.620+/-1.129 χ^2/NDF: 1020893.2/5

- 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: 2572.488+/-2316.733 χ^2/NDF:1.0/3

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

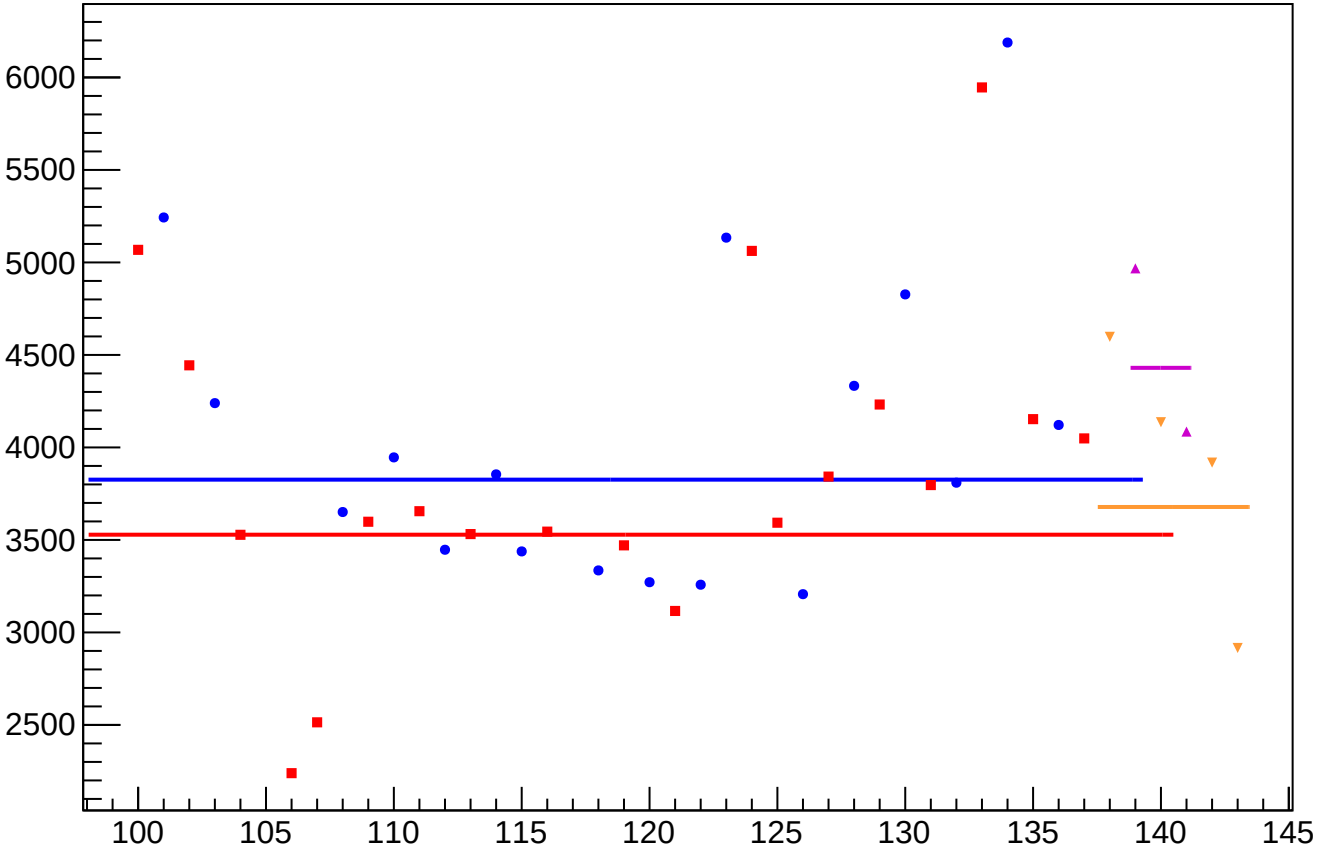
Left In: 2674.503+/-3481.723 χ^2/NDF:0.0/1

+ sign -288.923+/-1258.600 χ^2/NDF: 19.8/20

All: 410.177+/-898.133 χ^2/NDF: 34.8/41

- sign 1135.544+/-1282.028 χ^2/NDF: 14.4/20

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 3678.095+/-1.638 χ^2/NDF:171063.1/3

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

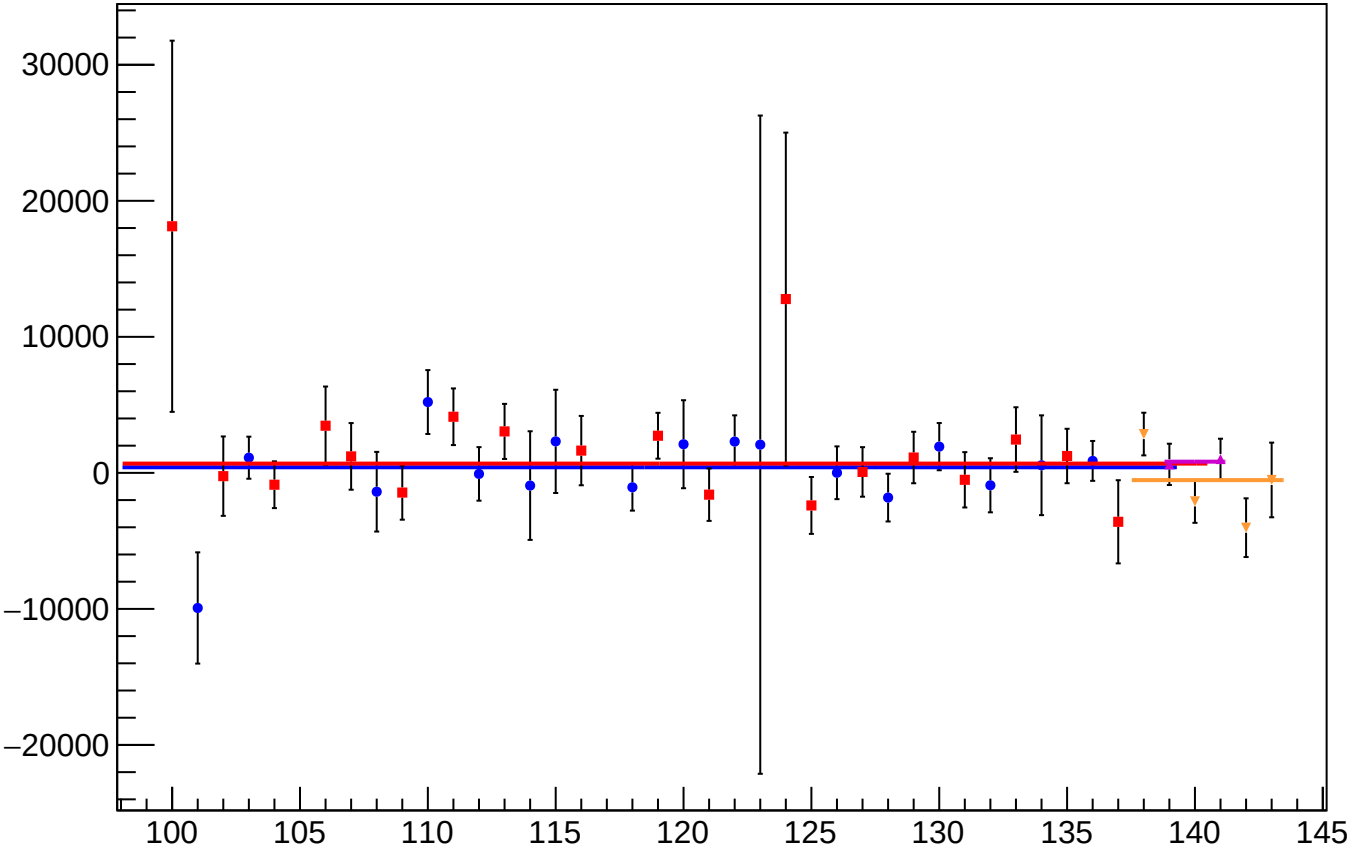
Left In: 4430.246+/-2.462 χ^2/NDF:30571.6/1

+ sign 3782.239+/-0.890 χ^2/NDF: 511201.1/20

All: 3716.156+/-0.633 χ^2/NDF: 1224638.5/41

- sign 3648.662+/-0.899 χ^2/NDF: 702291.9/20

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -531.820+/-930.124 χ^2/NDF:8.3/3

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

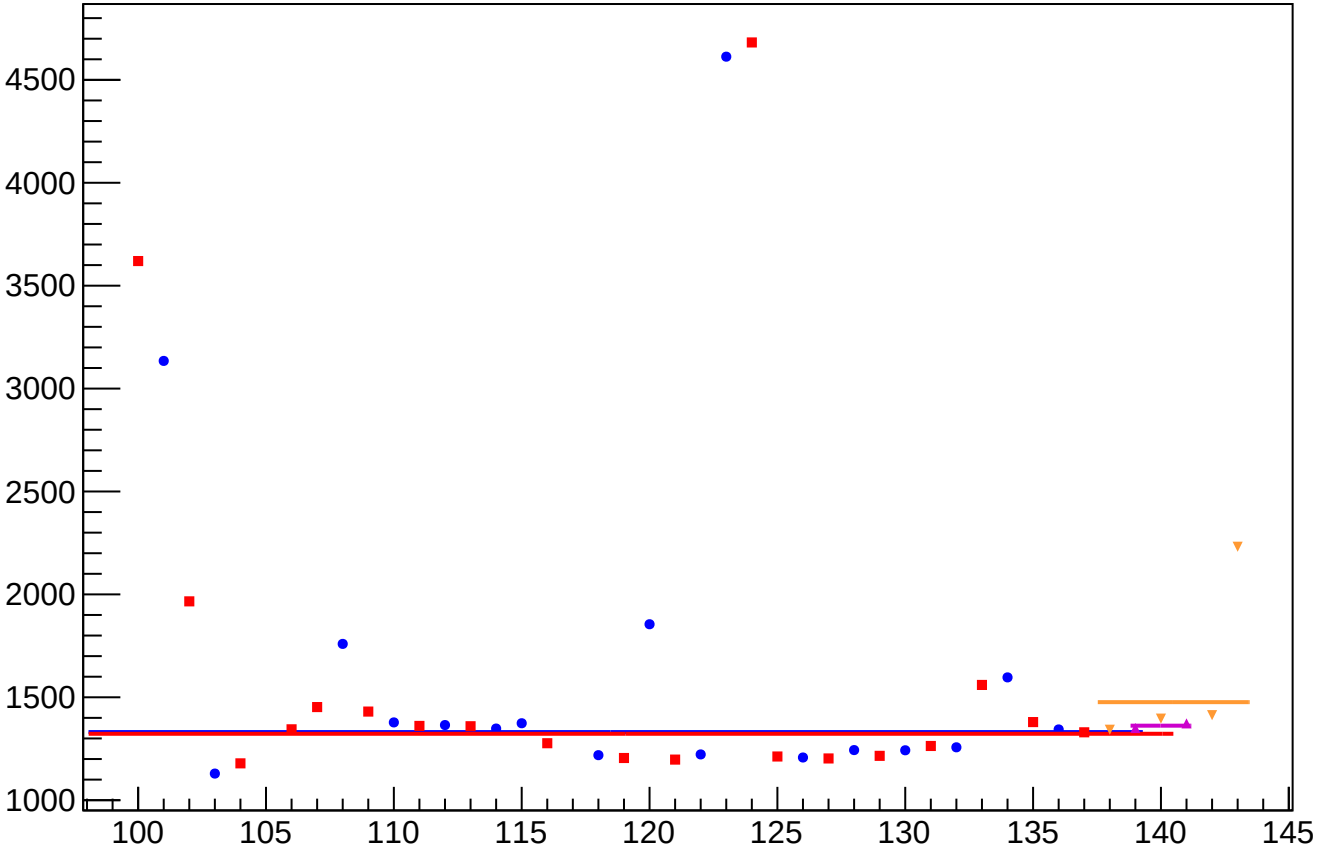
Left In: 824.724+/-1064.823 χ^2/NDF:0.0/1

+ sign 181.555+/-459.162 χ^2/NDF: 25.6/20

All: 444.630+/-325.011 χ^2/NDF: 44.3/41

- sign 708.791+/-460.108 χ^2/NDF: 18.1/20

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1476.397+/-0.658 χ^2/NDF:172899.8/3

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

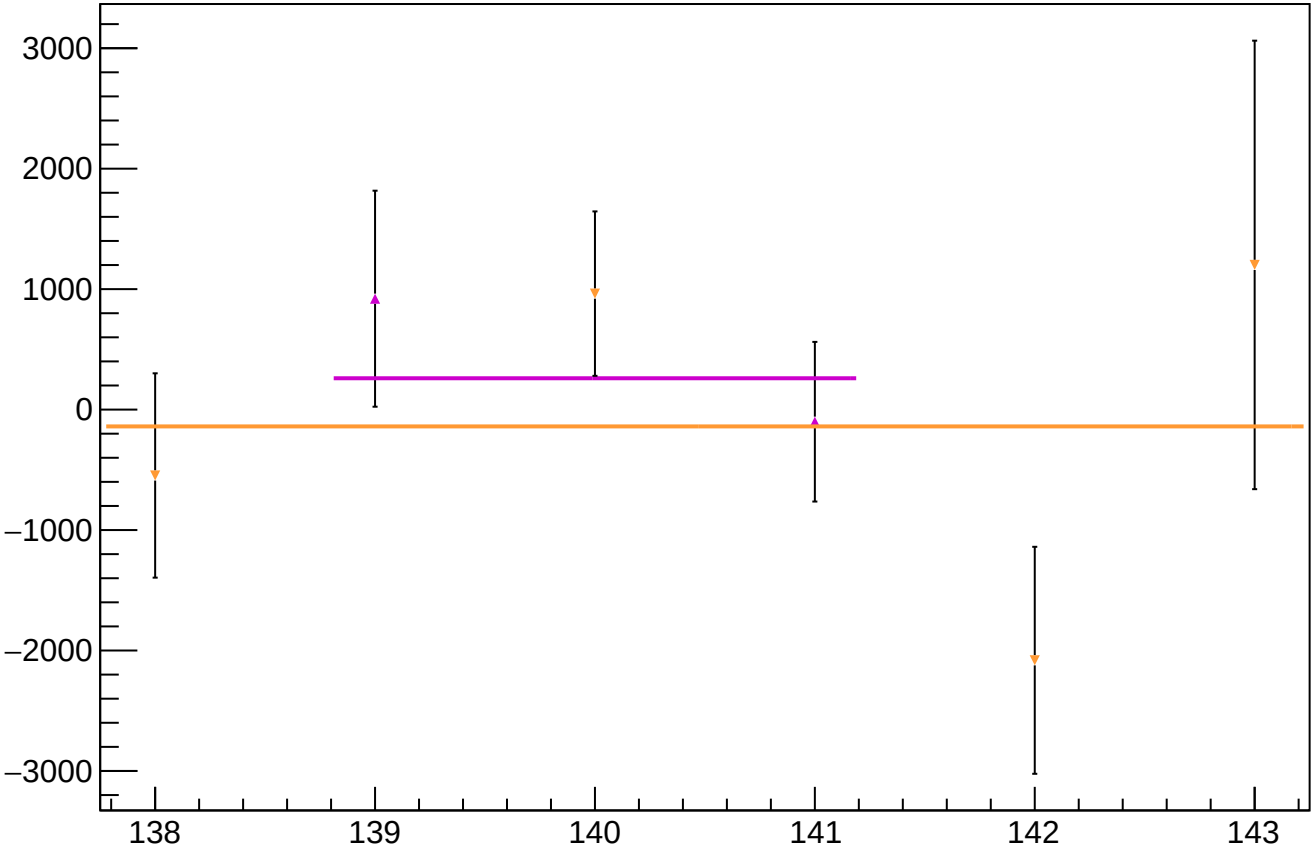
Left In: 1362.088+/-0.753 χ^2/NDF:226.3/1

+ sign 1366.349+/-0.325 χ^2/NDF: 813392.8/20

All: 1348.241+/-0.230 χ^2/NDF: 1216491.6/41

- sign 1330.059+/-0.325 χ^2/NDF: 396864.9/20

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: -139.664+/-449.386 χ^2/NDF:7.6/3

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

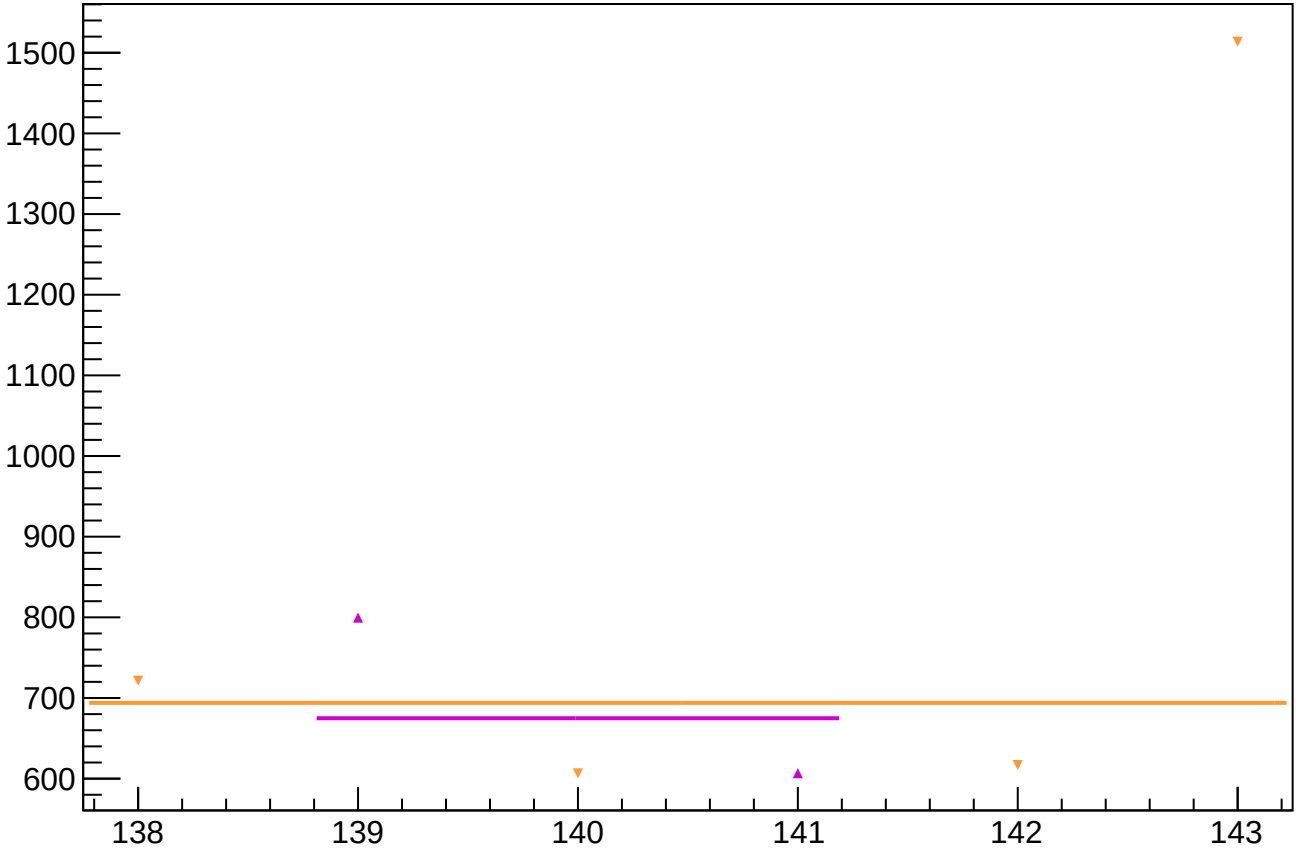
Left In: 260.072+/-532.937 χ^2/NDF:0.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 26.449+/-343.551 χ^2/NDF: 8.8/5

- 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: 693.961+/-0.318 χ^2/NDF:436099.6/3

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

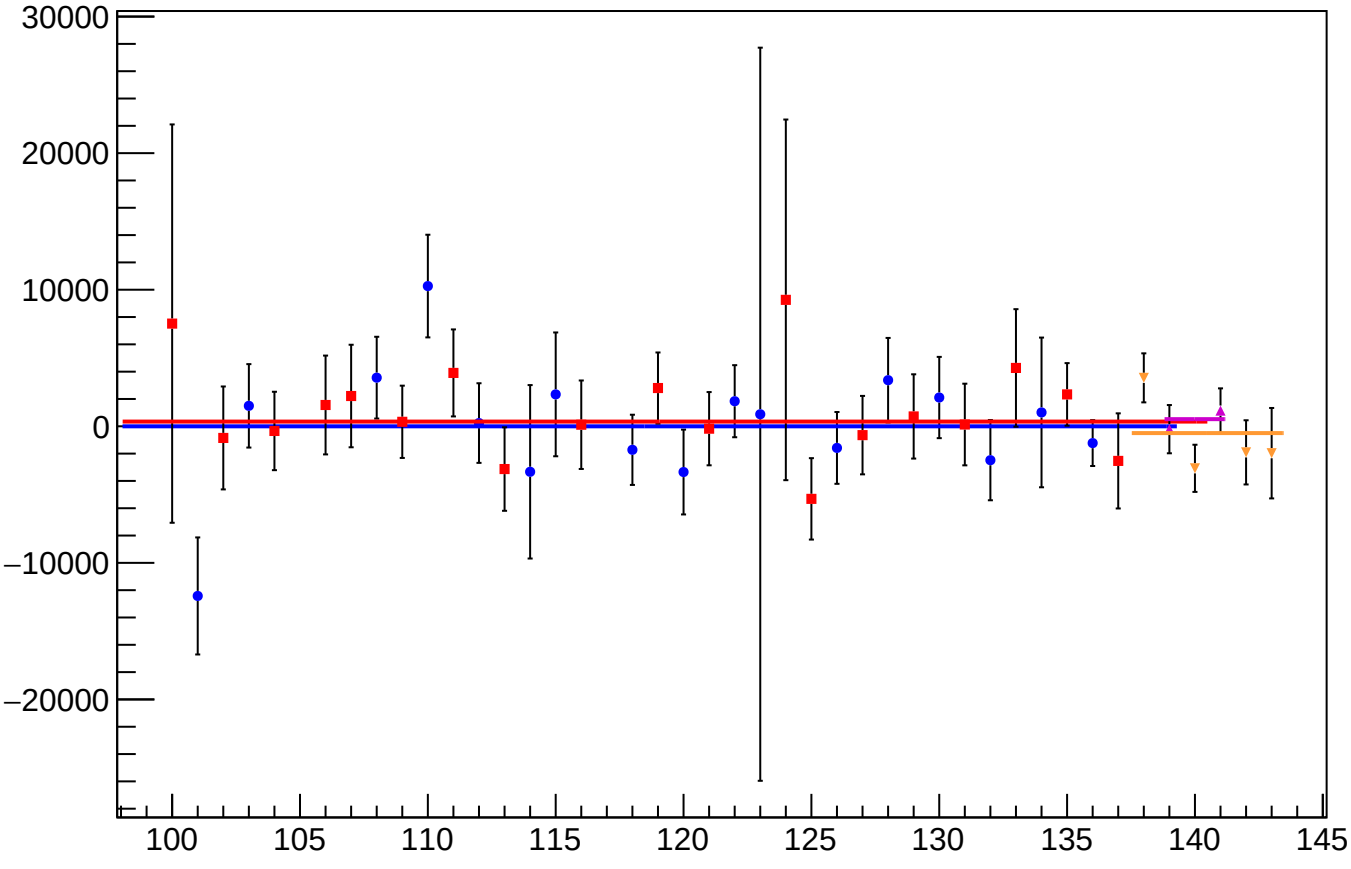
Left In: 674.890+/-0.377 χ^2/NDF:59862.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 686.036+/-0.243 χ^2/NDF: 497458.8/5

- 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: -497.489+/-1043.563 χ^2/NDF:7.9/3

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

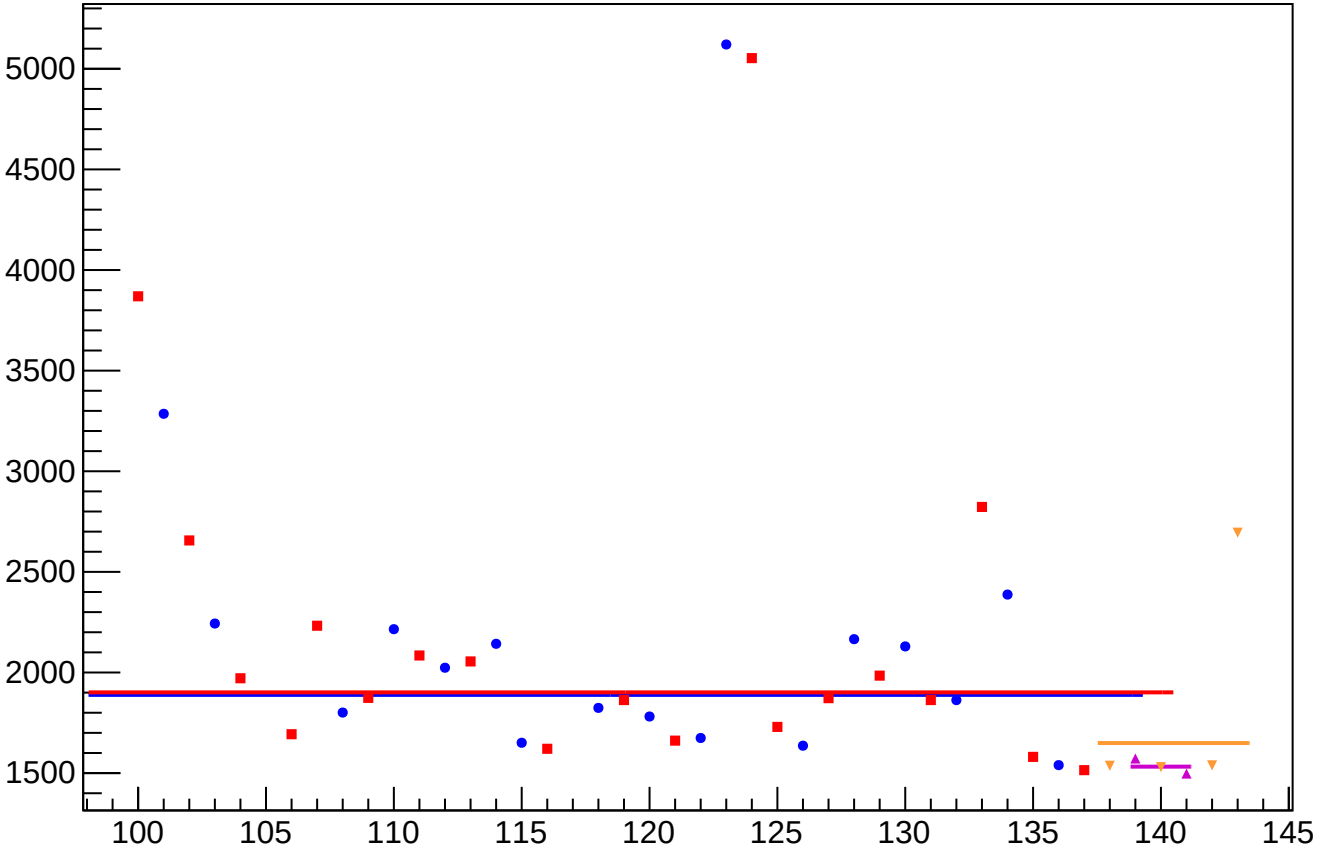
Left In: 523.170+/-1197.843 χ^2/NDF:0.3/1

+ sign -169.429+/-606.375 χ^2/NDF: 31.5/20

All: 103.325+/-435.435 χ^2/NDF: 43.0/41

- sign 393.718+/-625.675 χ^2/NDF: 11.0/20

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1649.490+/-0.738 χ^2/NDF:221303.4/3

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

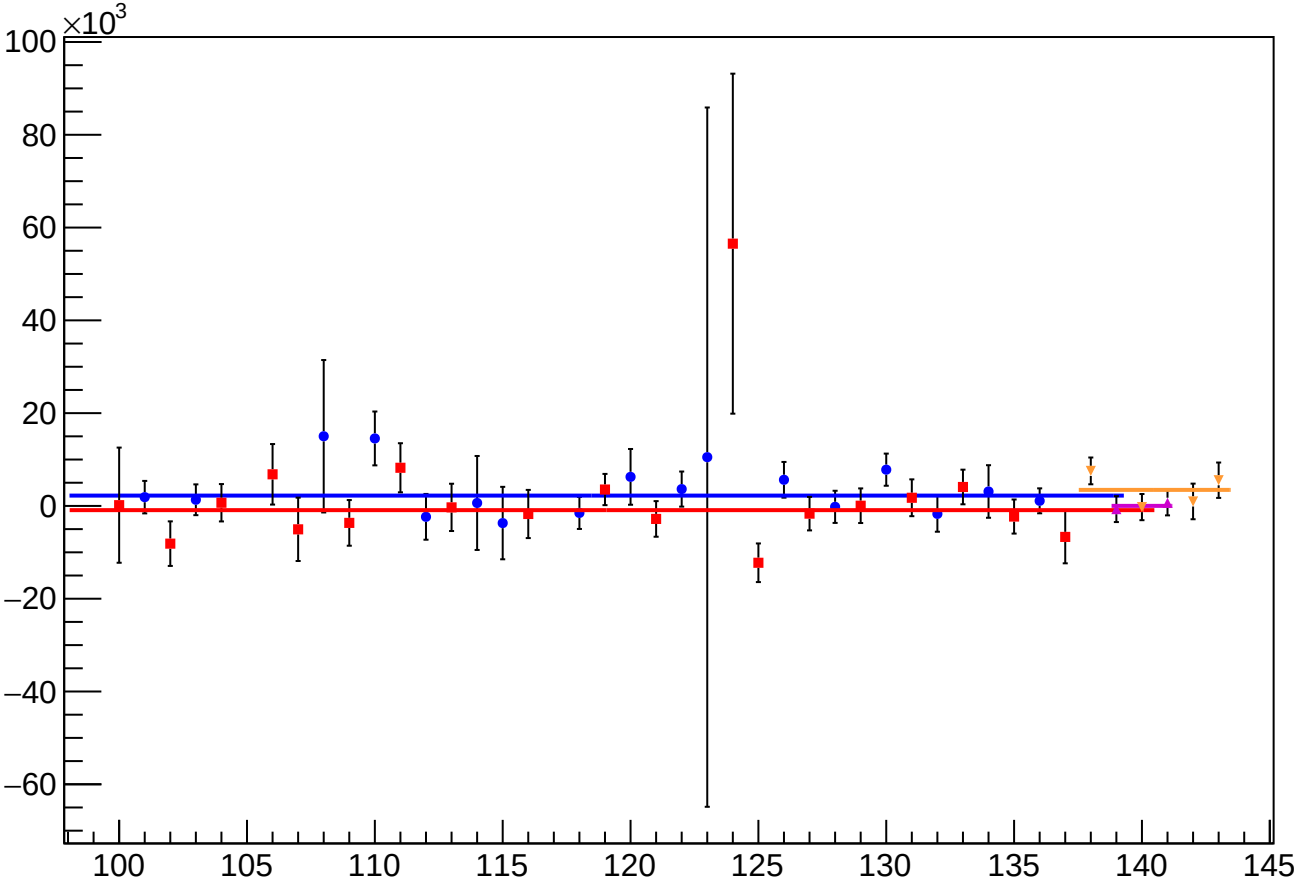
Left In: 1532.177+/-0.847 χ^2/NDF:1940.8/1

+ sign 1808.008+/-0.429 χ^2/NDF: 756817.5/20

All: 1804.398+/-0.308 χ^2/NDF: 1358395.1/41

- sign 1800.555+/-0.442 χ^2/NDF: 601431.3/20

dit_asym_atl1_mean vs Slug



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

Left Out: 3457.813+/-1617.082 χ^2/NDF:4.5/3

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

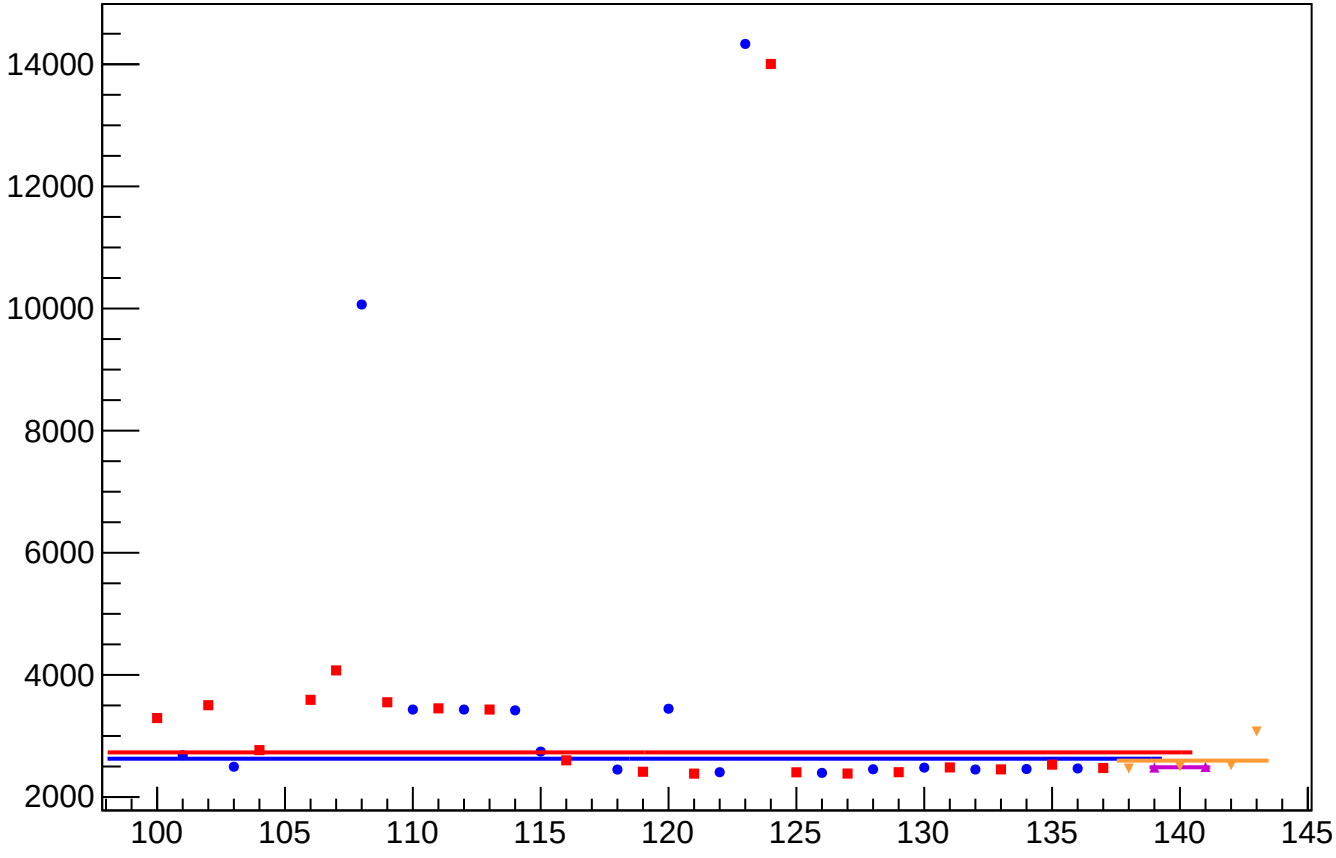
Left In: 13.584+/-1944.738 χ^2/NDF:0.1/1

+ sign 2587.149+/-874.292 χ^2/NDF: 18.4/20

All: 1030.081+/-634.349 χ^2/NDF: 48.3/41

- sign -700.817+/-921.803 χ^2/NDF: 23.2/20

dit_asym_atl1_rms vs Slug



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

Left Out: 2596.483+/-1.143 χ^2/NDF:38505.5/3

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

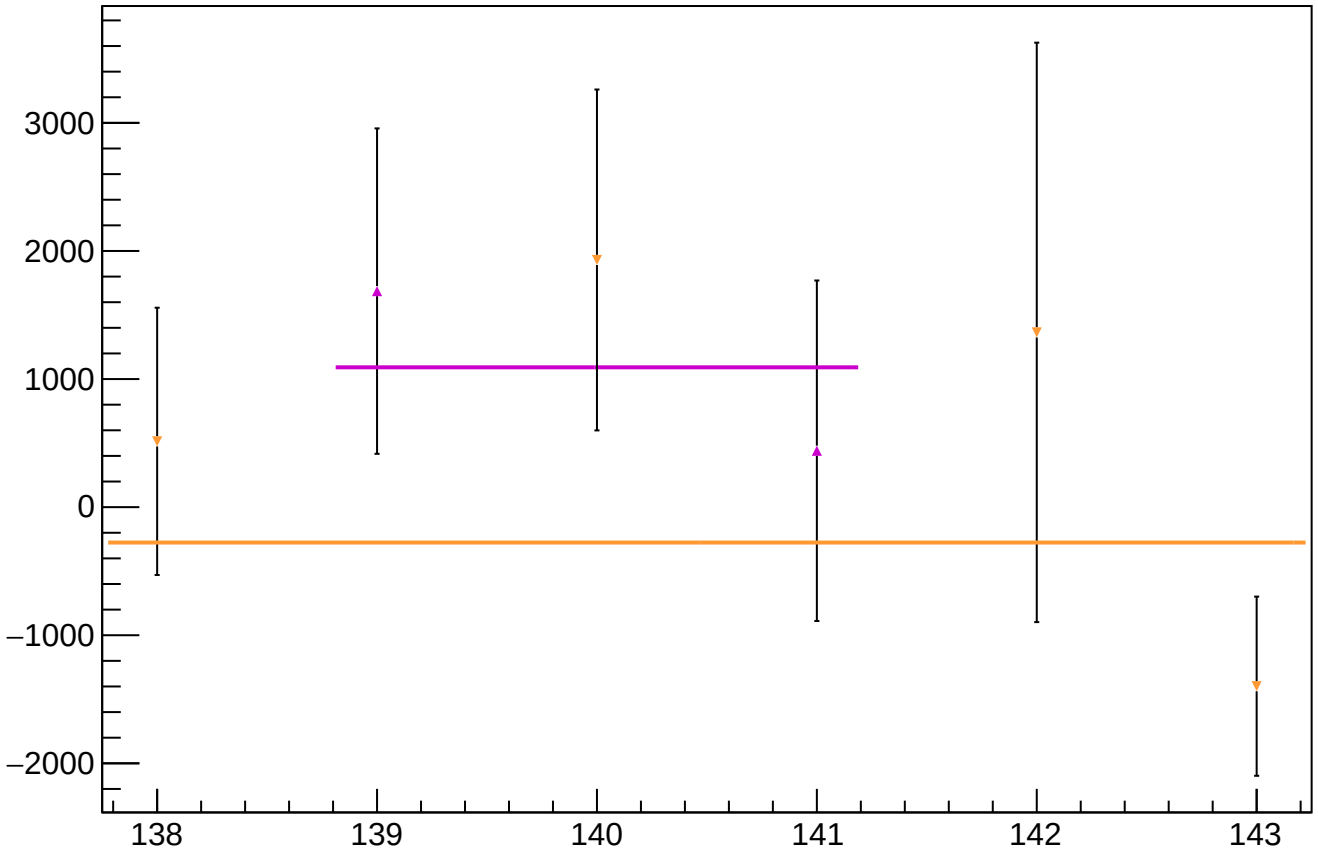
Left In: 2487.657+/-1.375 χ^2/NDF:13.4/1

+ sign 2618.483+/-0.618 χ^2/NDF: 683425.3/20

All: 2645.975+/-0.449 χ^2/NDF: 1310155.2/41

- sign 2676.537+/-0.652 χ^2/NDF: 622553.8/20

asym_atl1_correction_mean vs Slug



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

Left Out: -276.282+/-518.293 χ^2/NDF:6.4/3

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

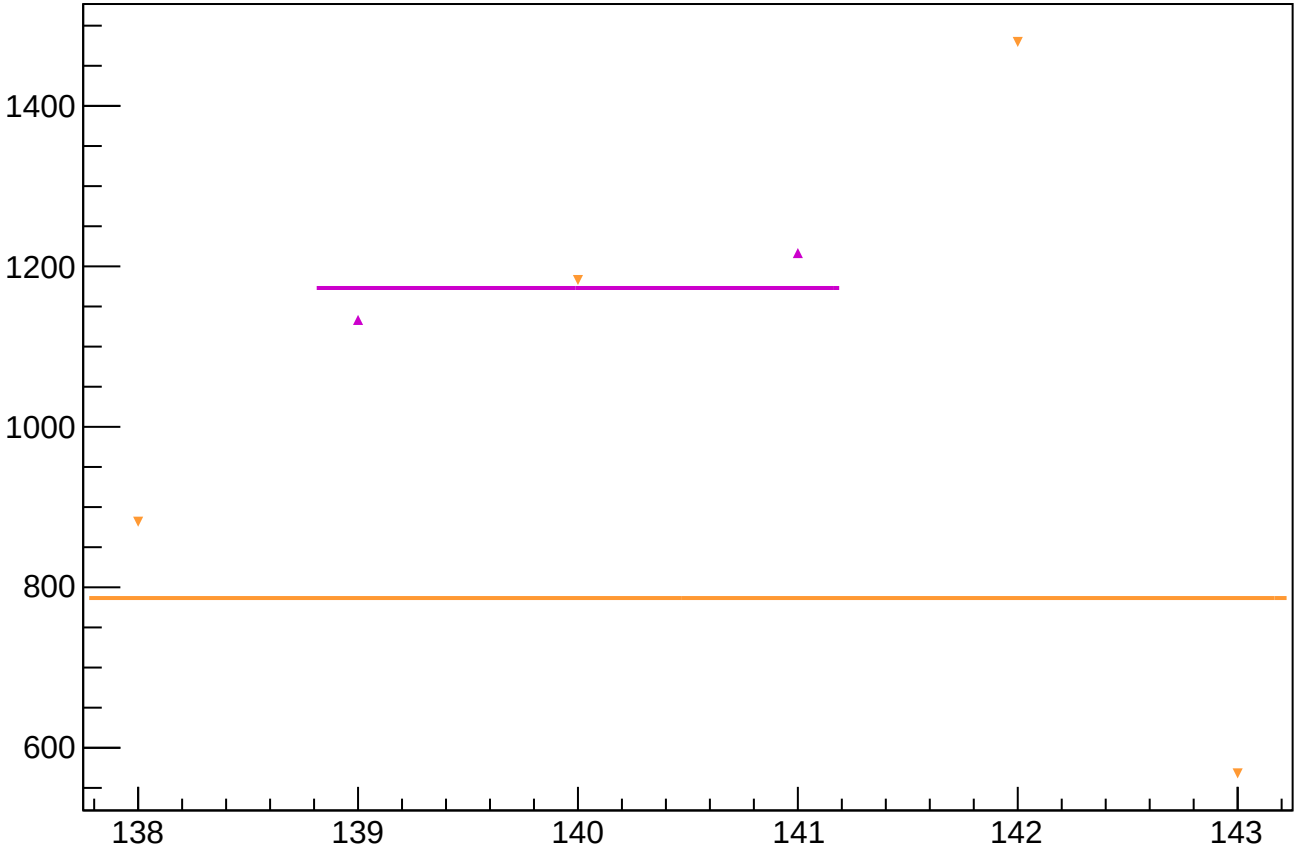
Left In: 1091.664+/-918.390 χ^2/NDF:0.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 54.155+/-451.374 χ^2/NDF: 8.6/5

- 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: 786.636+/-0.366 χ^2/NDF:577051.2/3

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

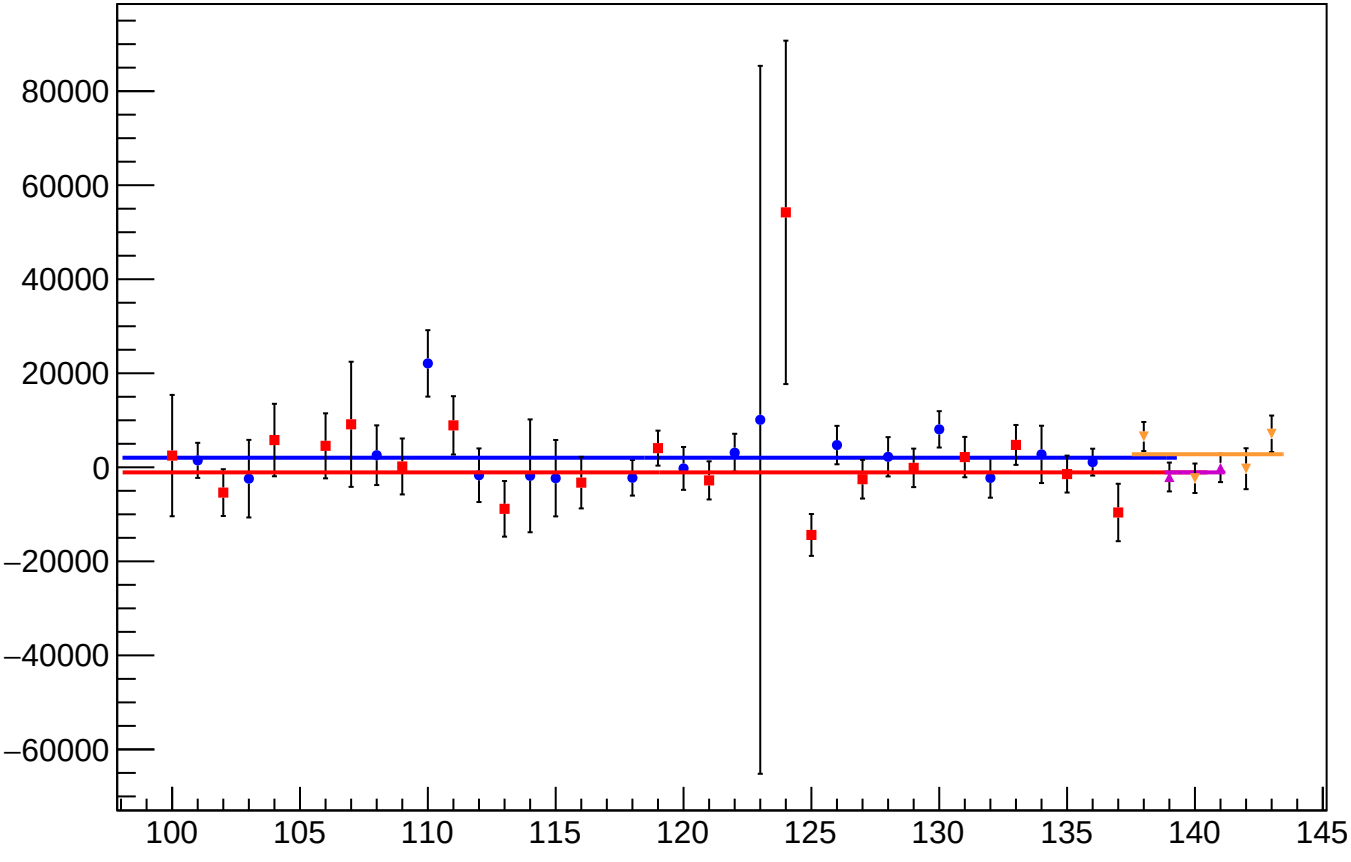
Left In: 1173.052+/-0.649 χ^2/NDF:4106.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 879.977+/-0.319 χ^2/NDF: 849697.7/5

- 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: 2778.194+/-1752.504 χ^2/NDF:5.9/3

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

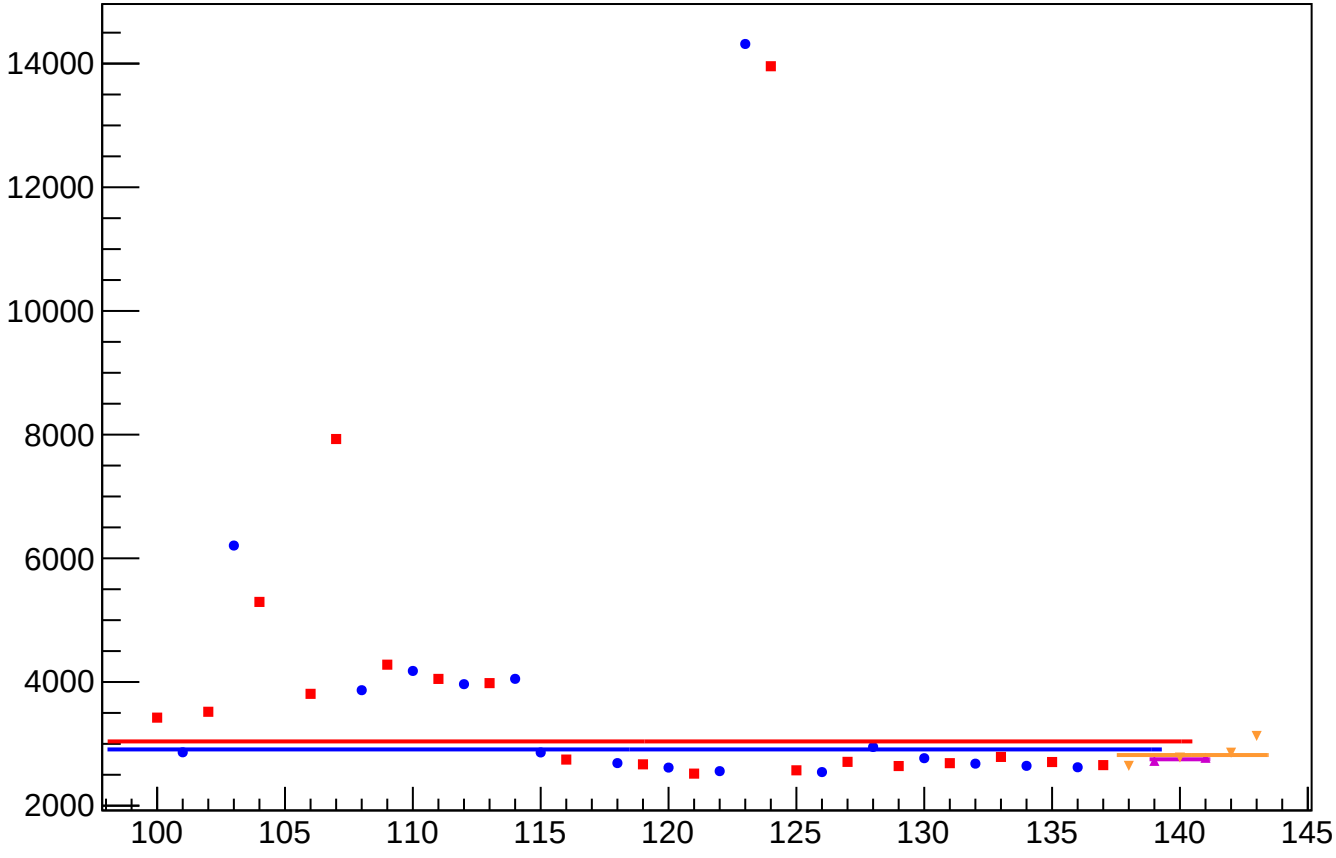
Left In: -1079.210+/-2151.236 χ^2/NDF:0.2/1

+ sign 2261.041+/-962.304 χ^2/NDF: 20.9/20

All: 718.514+/-706.030 χ^2/NDF: 52.0/41

- sign -1079.912+/-1039.064 χ^2/NDF: 25.5/20

asym_atl1_rms vs Slug



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

Left Out: 2819.036+/-1.239 χ^2/NDF:19578.7/3

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

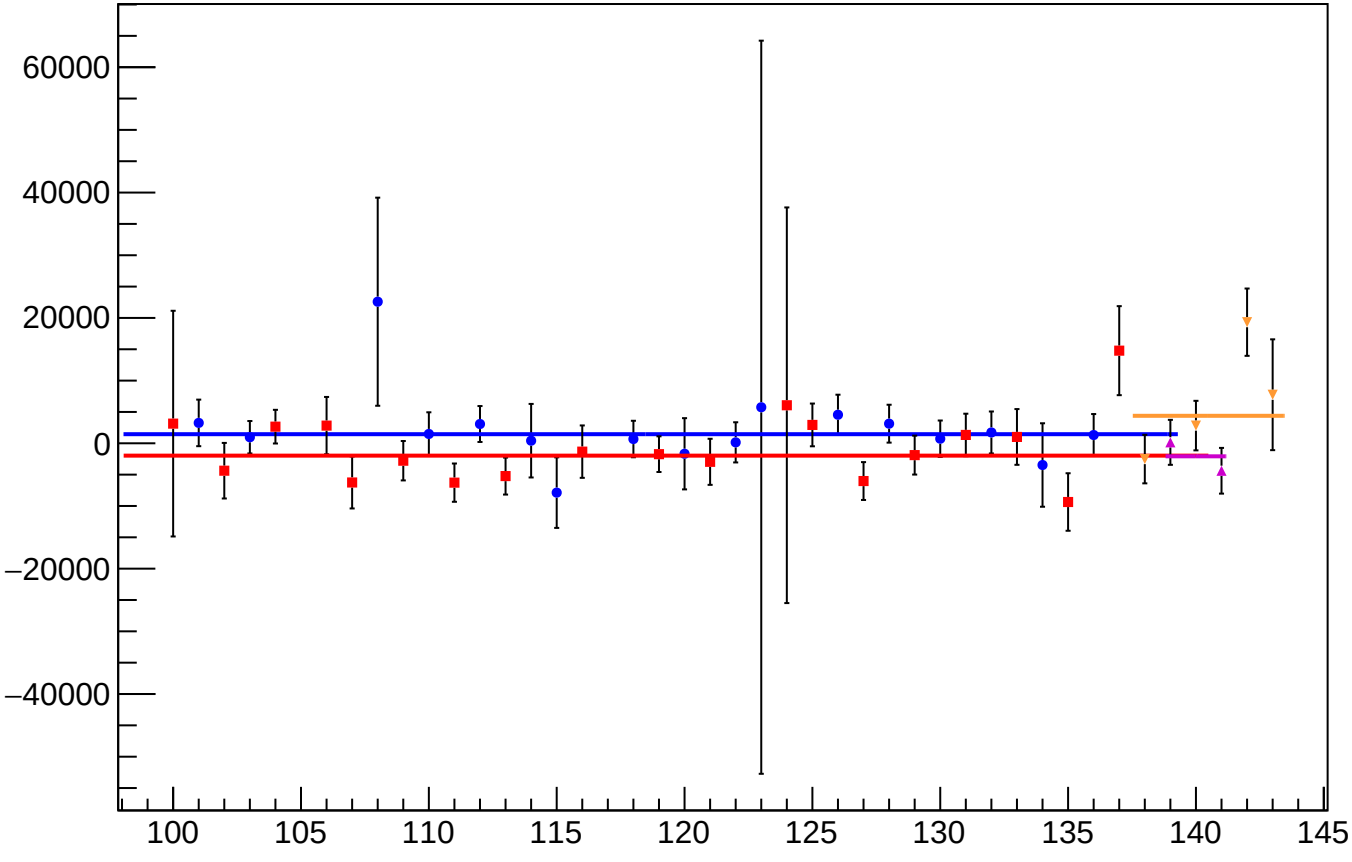
Left In: 2750.118+/-1.521 χ^2/NDF:263.5/1

+ sign 2882.386+/-0.680 χ^2/NDF: 665215.0/20

All: 2923.620+/-0.499 χ^2/NDF: 1712412.8/41

- sign 2971.695+/-0.735 χ^2/NDF: 1039244.3/20

dit_asym_atl2_mean vs Slug



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

Left Out: 4385.622+/-2368.417 χ^2/NDF:11.2/3

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

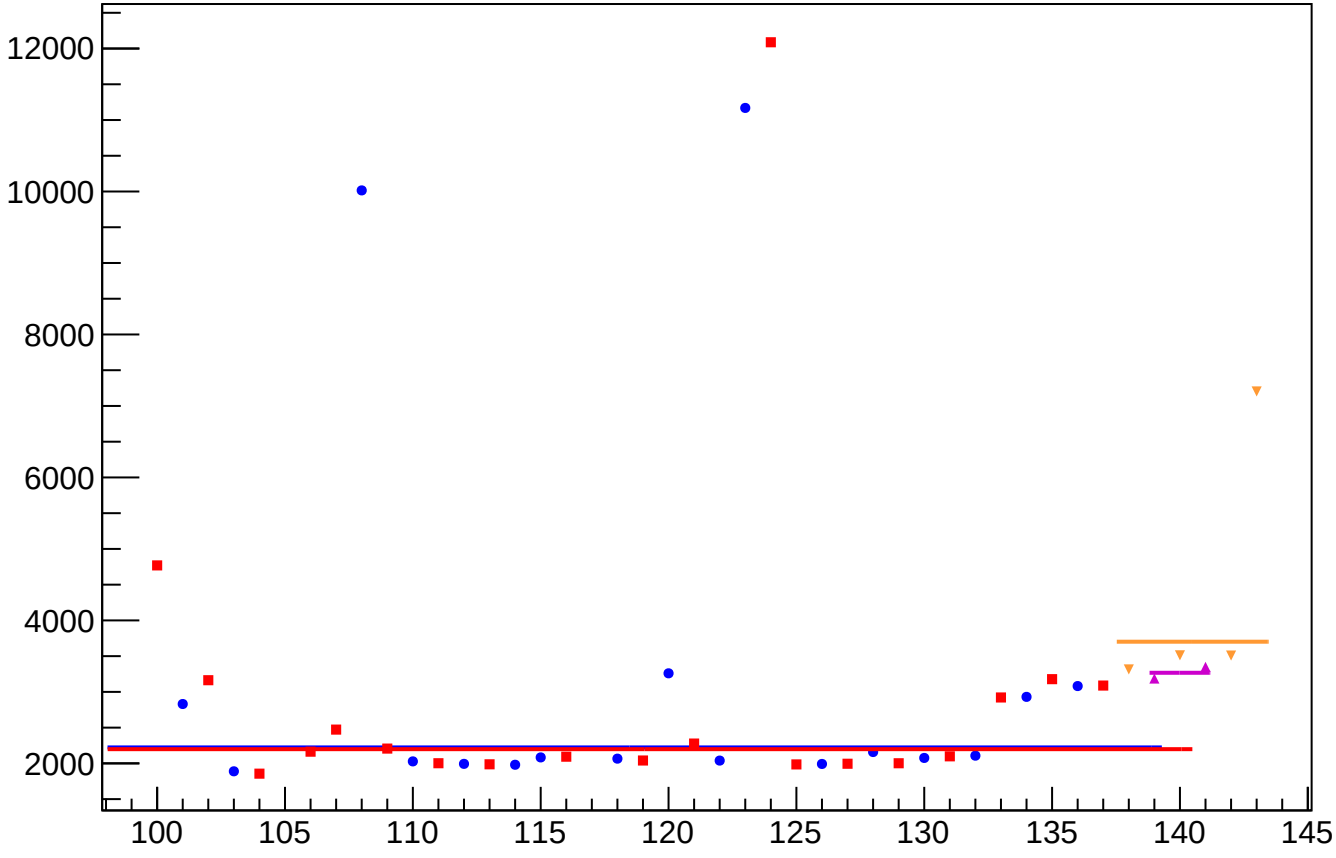
Left In: -2077.859+/-2557.888 χ^2/NDF:0.8/1

+ sign 1814.270+/-832.306 χ^2/NDF: 20.0/20

All: -141.311+/-579.393 χ^2/NDF: 53.8/41

- sign -1980.000+/-807.048 χ^2/NDF: 23.2/20

dit_asym_atl2_rms vs Slug



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

Left Out: 3702.039+/-1.675 χ^2/NDF:340956.4/3

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

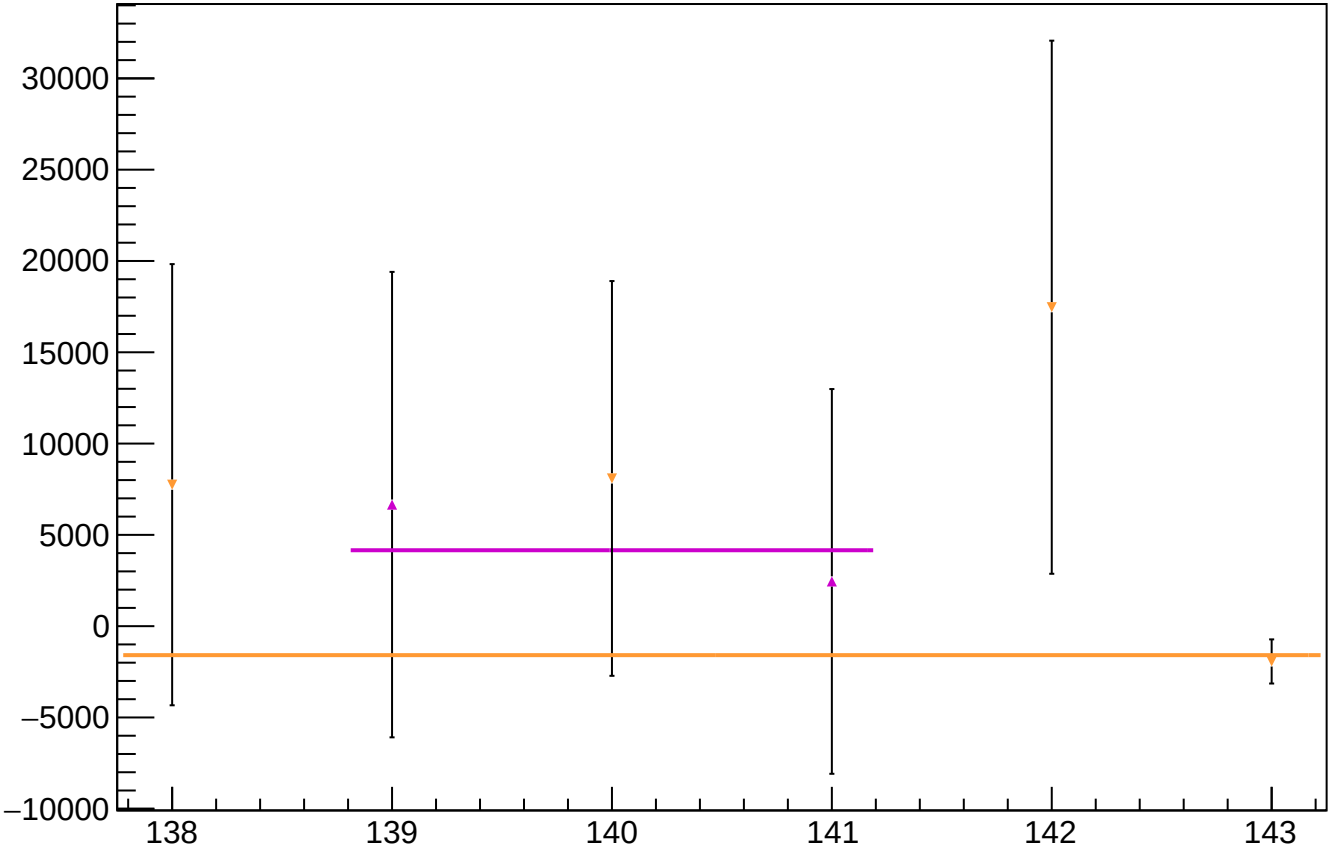
Left In: 3267.294+/-1.809 χ^2/NDF:2049.0/1

+ sign 2405.769+/-0.589 χ^2/NDF: 1874764.2/20

All: 2353.796+/-0.410 χ^2/NDF: 2808669.3/41

- sign 2304.992+/-0.570 χ^2/NDF: 918783.1/20

asym_atl2_correction_mean vs Slug



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

Left Out: -1587.278+/-1191.304 χ^2/NDF:3.2/3

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

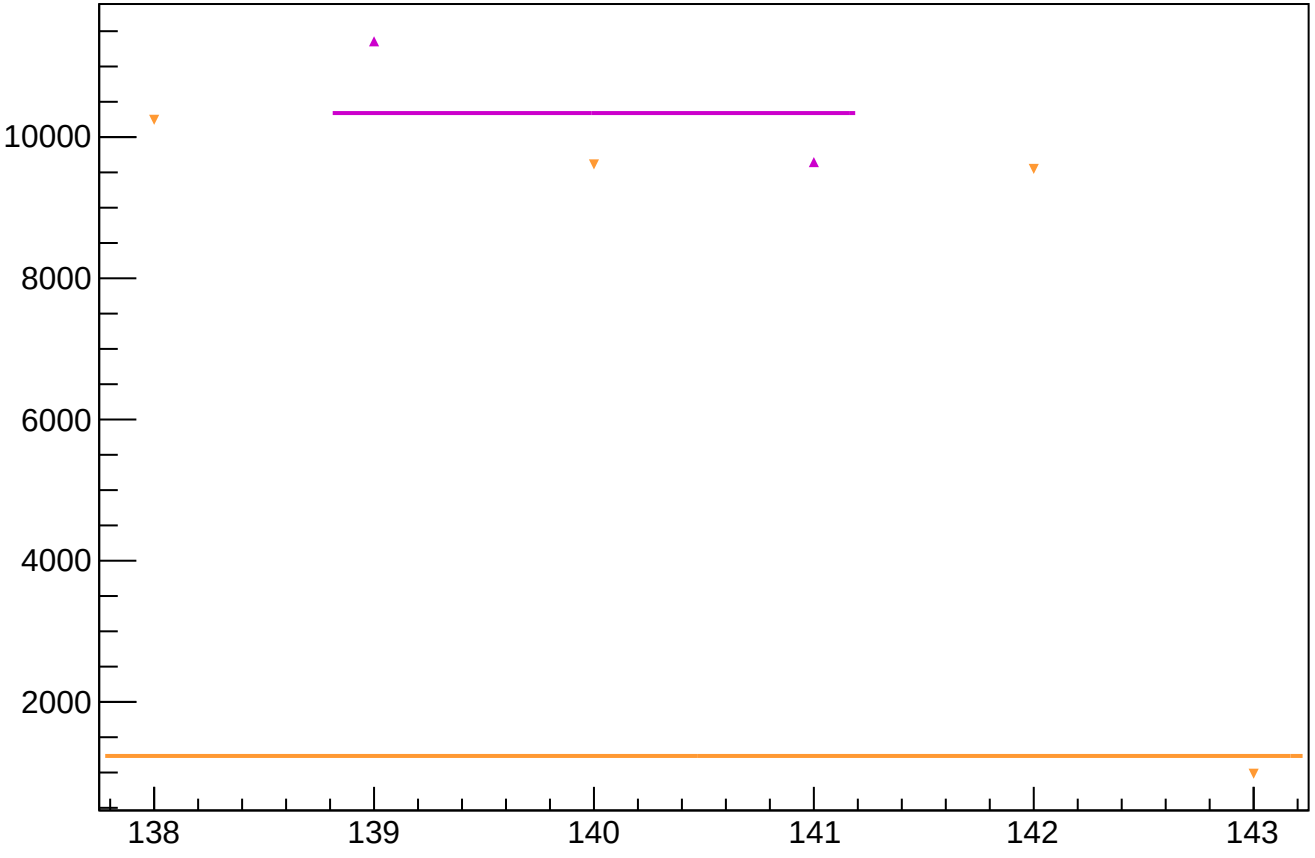
Left In: 4157.984+/-8120.466 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1466.233+/-1178.688 χ^2/NDF: 3.7/5

- 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: 1234.750+/-0.842 χ^2/NDF:3049562.5/3

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

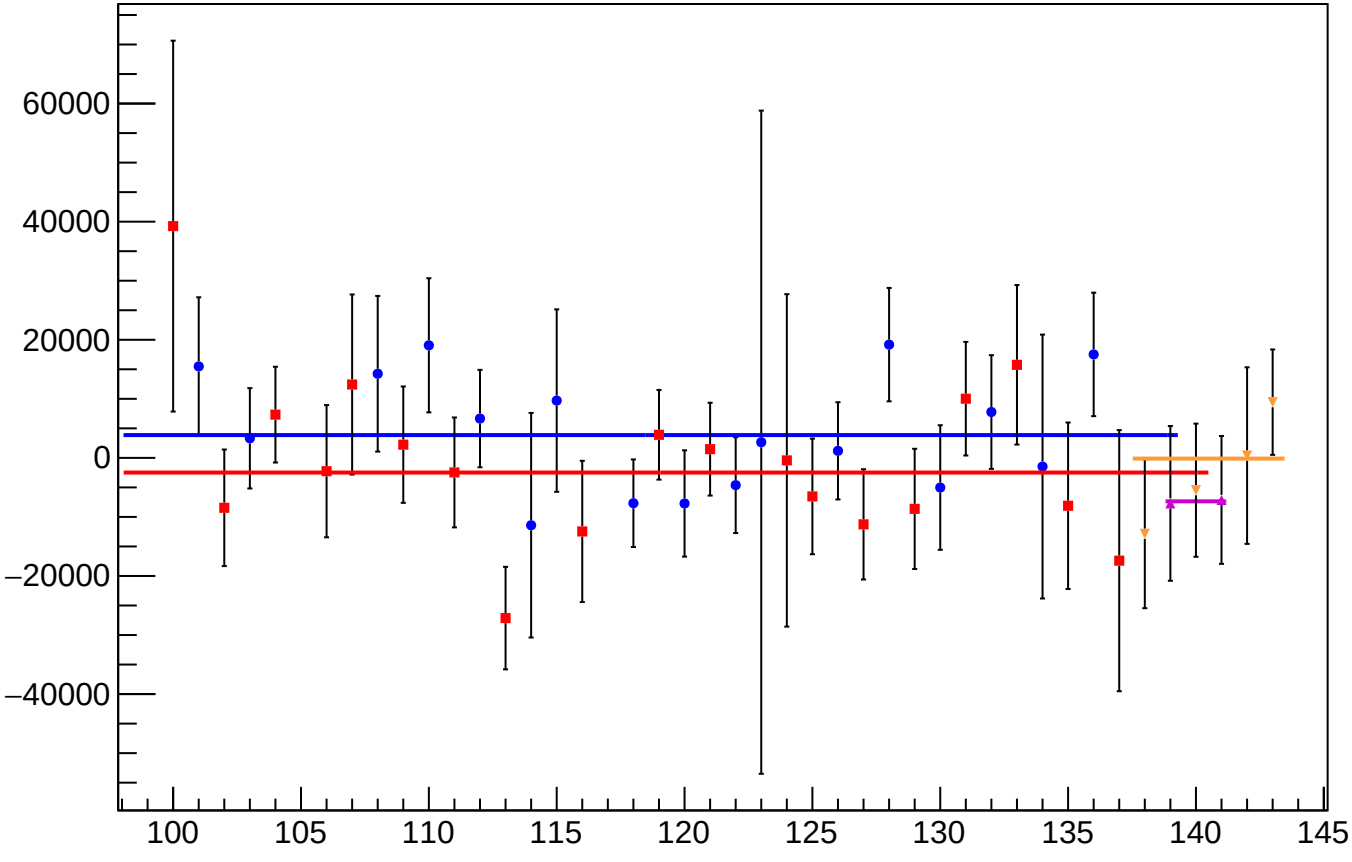
Left In: 10340.453+/-5.742 χ^2/NDF:21407.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1426.594+/-0.833 χ^2/NDF: 5532739.8/5

- 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: -120.381+/-5661.374 χ^2/NDF:2.4/3

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

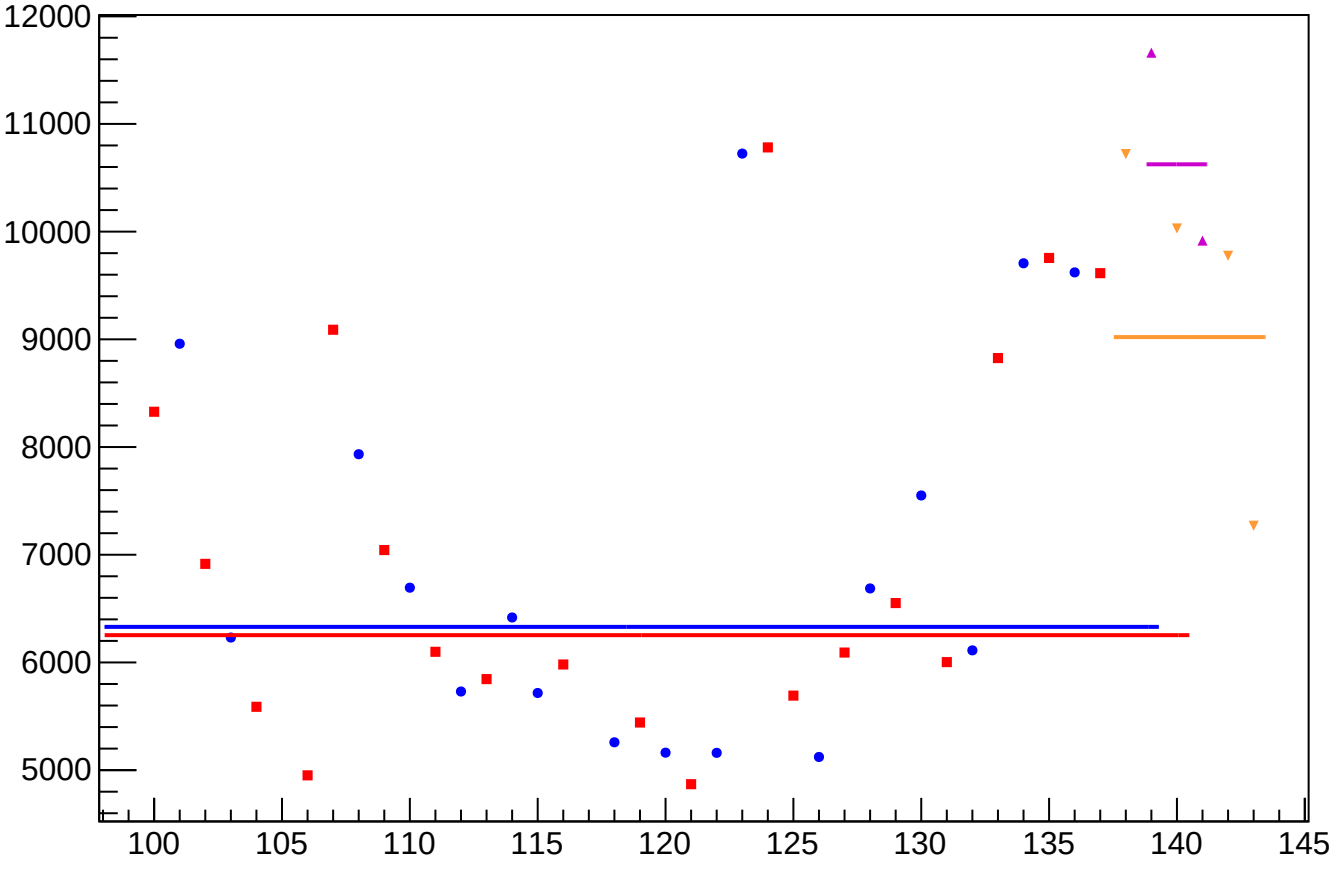
Left In: -7361.820+/-8345.251 χ^2/NDF:0.0/1

+ sign 3206.546+/-2293.663 χ^2/NDF: 17.6/20

All: 214.100+/-1632.973 χ^2/NDF: 41.4/41

- sign -2861.752+/-2325.408 χ^2/NDF: 20.4/20

asym_atl2_rms vs Slug



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

Left Out: 9020.934+/-4.003 χ^2/NDF:134547.2/3

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

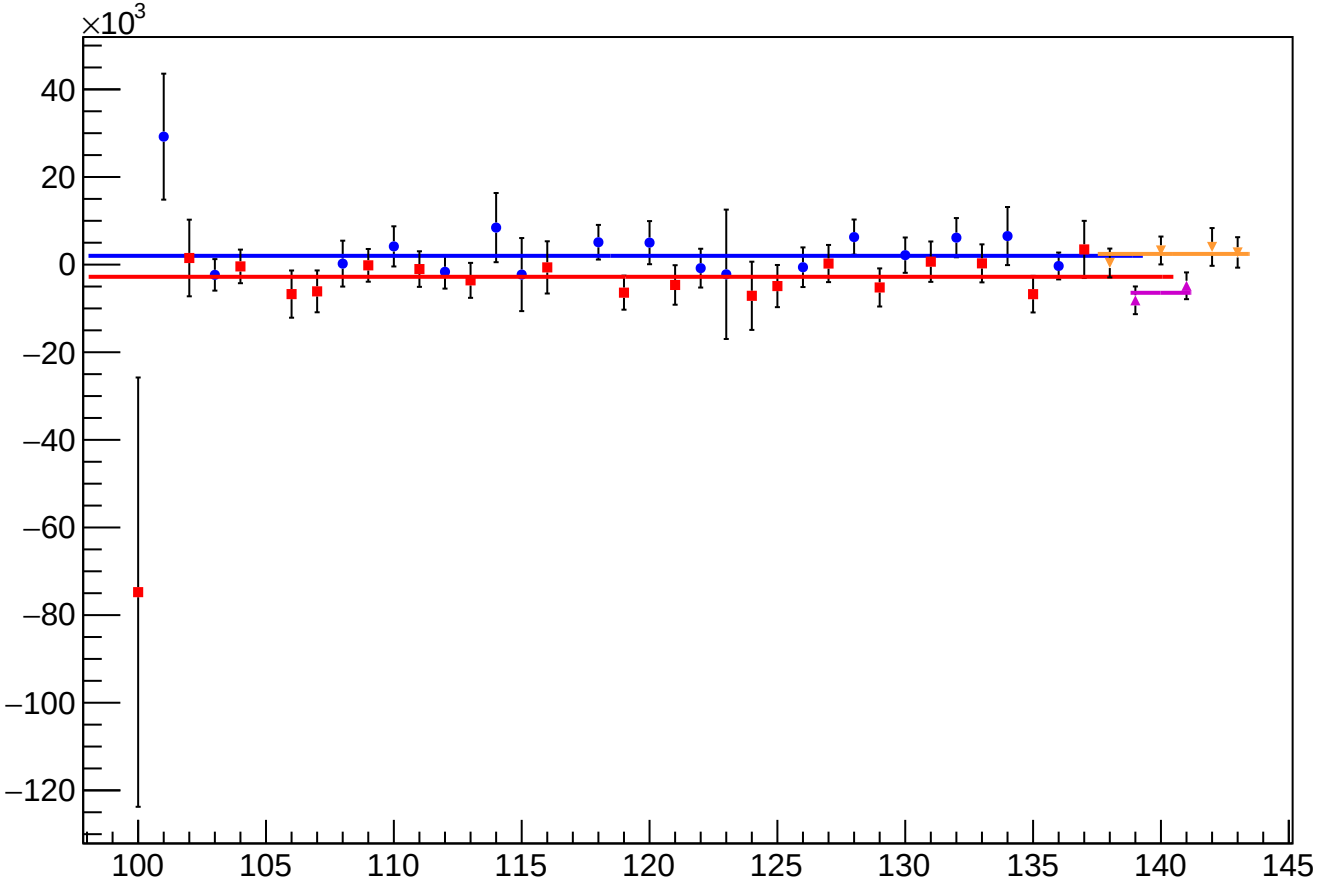
Left In: 10625.001+/-5.901 χ^2/NDF:21077.6/1

+ sign 6771.931+/-1.622 χ^2/NDF: 1105543.0/20

All: 6683.566+/-1.155 χ^2/NDF: 2174224.4/41

- sign 6592.745+/-1.644 χ^2/NDF: 1062661.9/20

dit_asym_atr1_mean vs Slug



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

Left Out: 2442.189+/-1746.671 χ^2/NDF:0.6/3

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

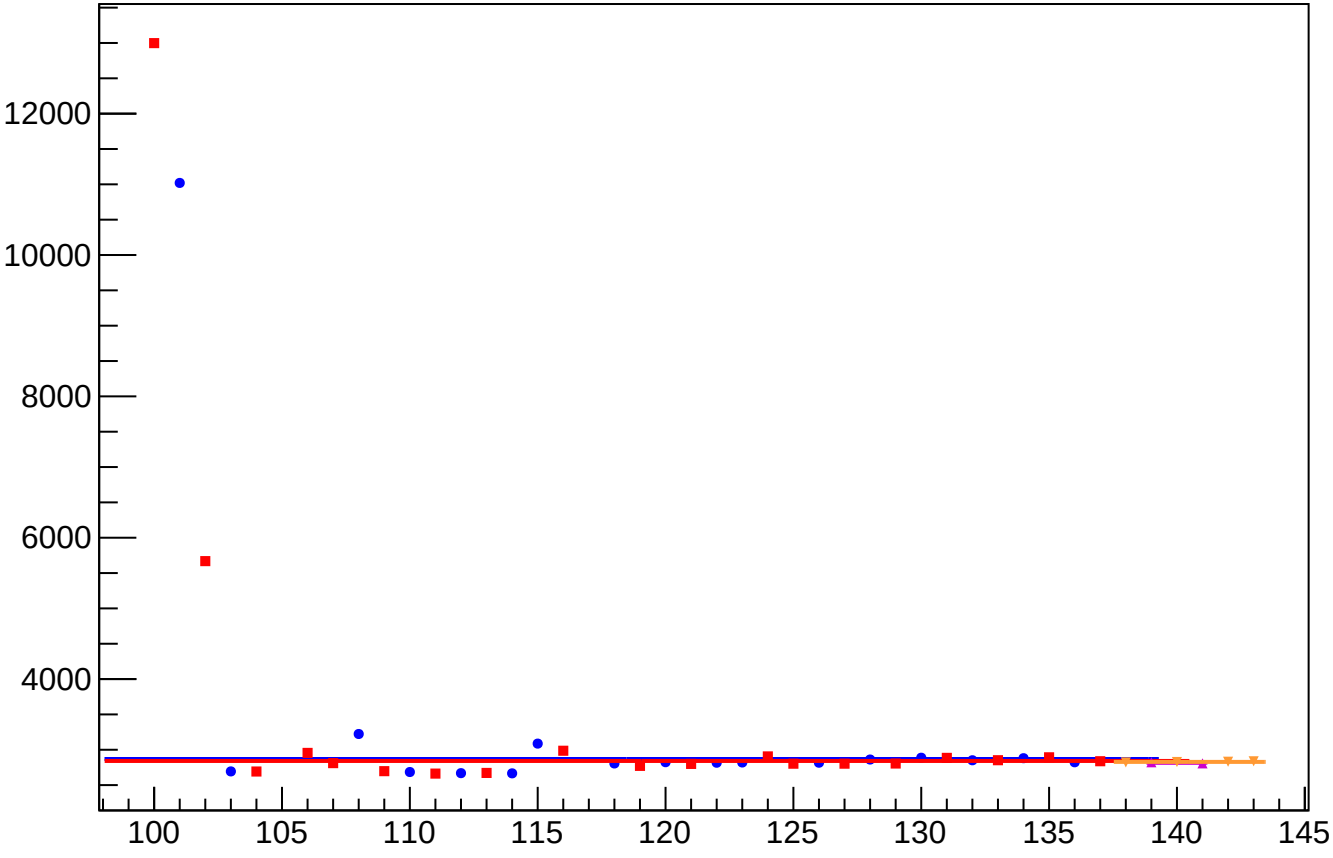
Left In: -6433.138+/-2196.790 χ^2/NDF:0.6/1

+ sign 2134.944+/-951.269 χ^2/NDF: 12.7/20

All: -616.244+/-680.425 χ^2/NDF: 42.5/41

- sign -3498.433+/-973.653 χ^2/NDF: 12.7/20

dit_asym_atr1_rms vs Slug



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

Left Out: 2828.269+/-1.235 χ^2/NDF:22.3/3

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

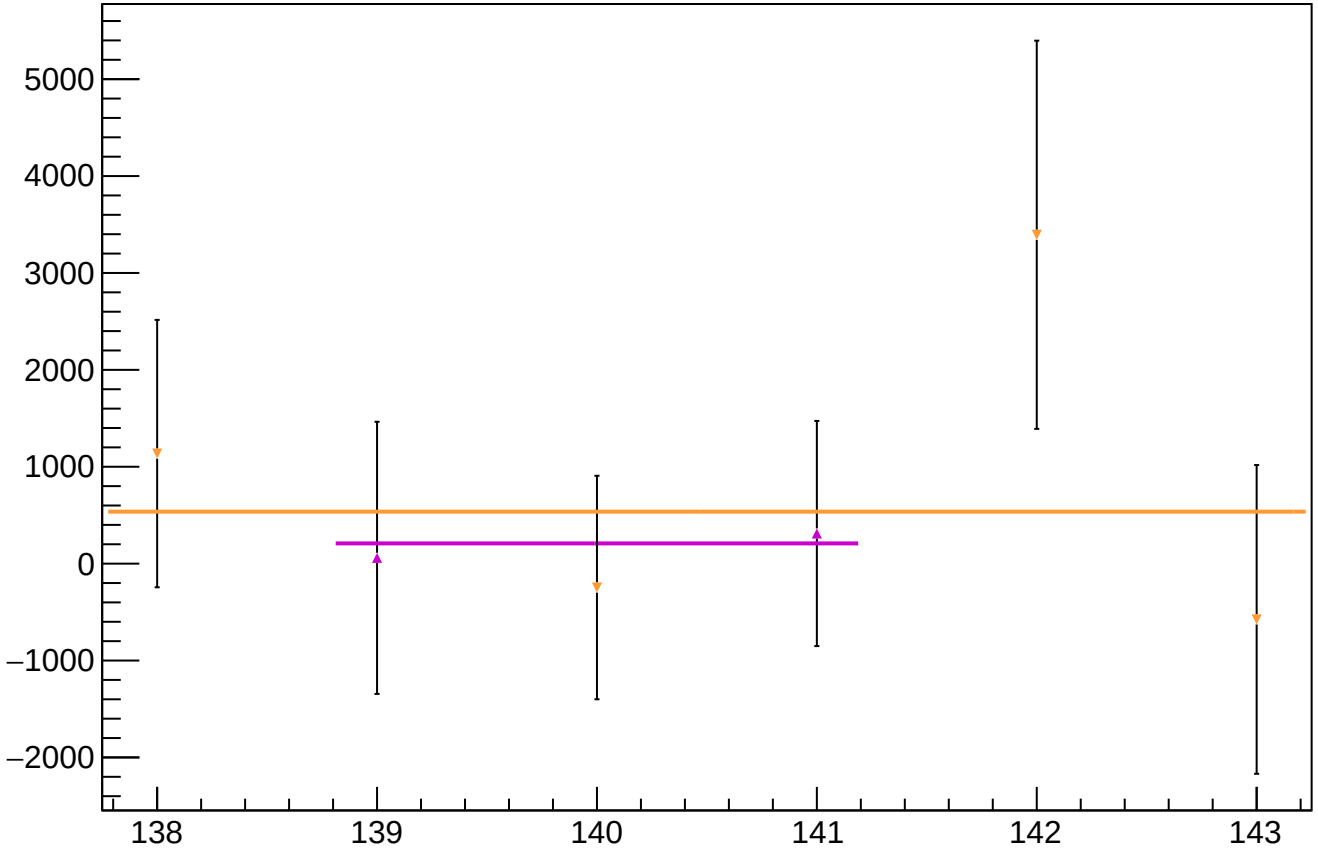
Left In: 2814.884+/-1.553 χ^2/NDF:26.0/1

+ sign 2857.057+/-0.673 χ^2/NDF: 670695.1/20

All: 2846.930+/-0.481 χ^2/NDF: 983945.3/41

- sign 2836.320+/-0.688 χ^2/NDF: 312786.0/20

asym_atr1_correction_mean vs Slug



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

Left Out: 536.552+/-721.663 χ^2/NDF:3.2/3

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

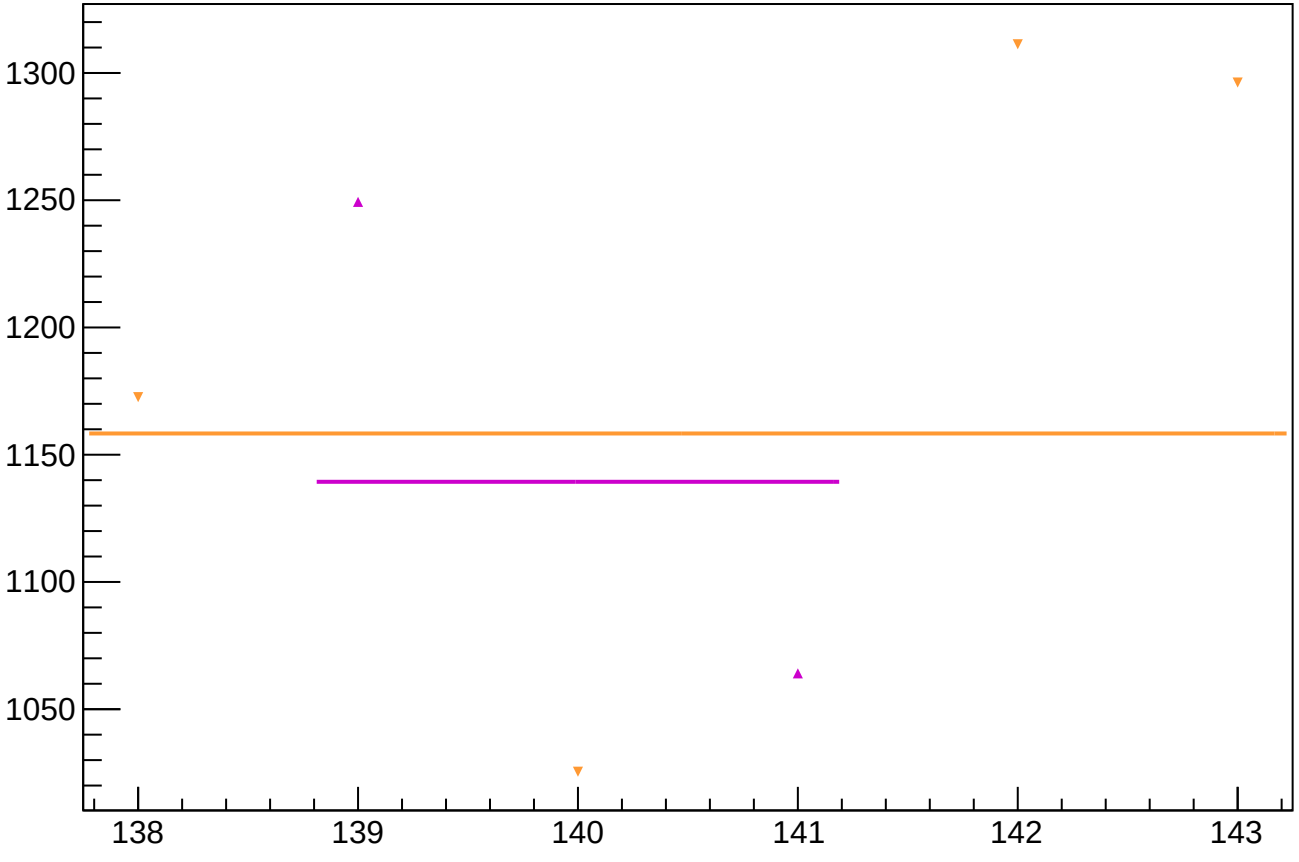
Left In: 208.923+/-895.130 χ^2/NDF:0.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 407.489+/-561.818 χ^2/NDF: 3.3/5

- 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: 1158.346+/-0.510 χ^2/NDF:53415.5/3

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

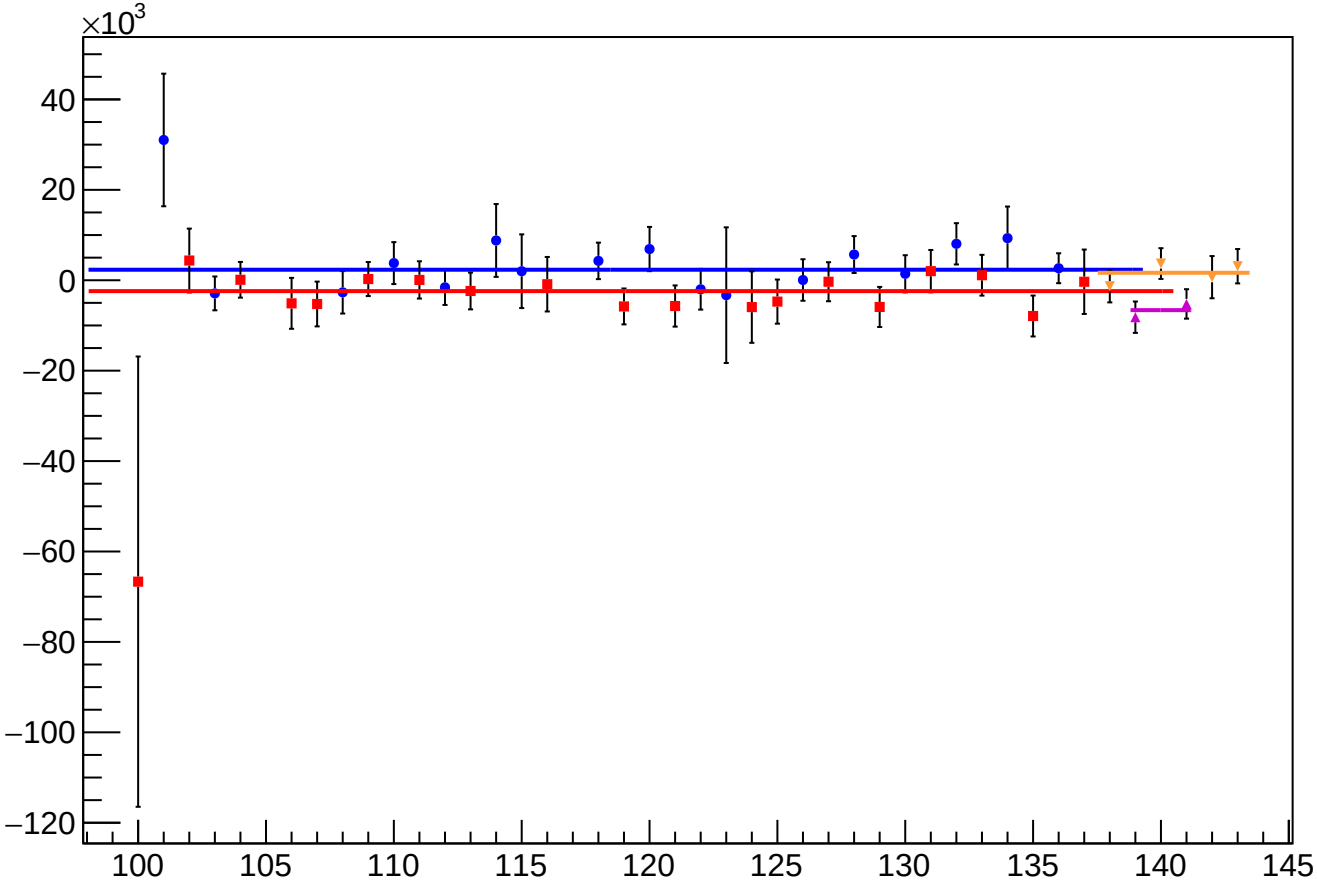
Left In: 1139.359+/-0.633 χ^2/NDF:20666.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1150.867+/-0.397 χ^2/NDF: 74626.9/5

- 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: 1655.690+/-1890.901 χ^2/NDF:1.2/3

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

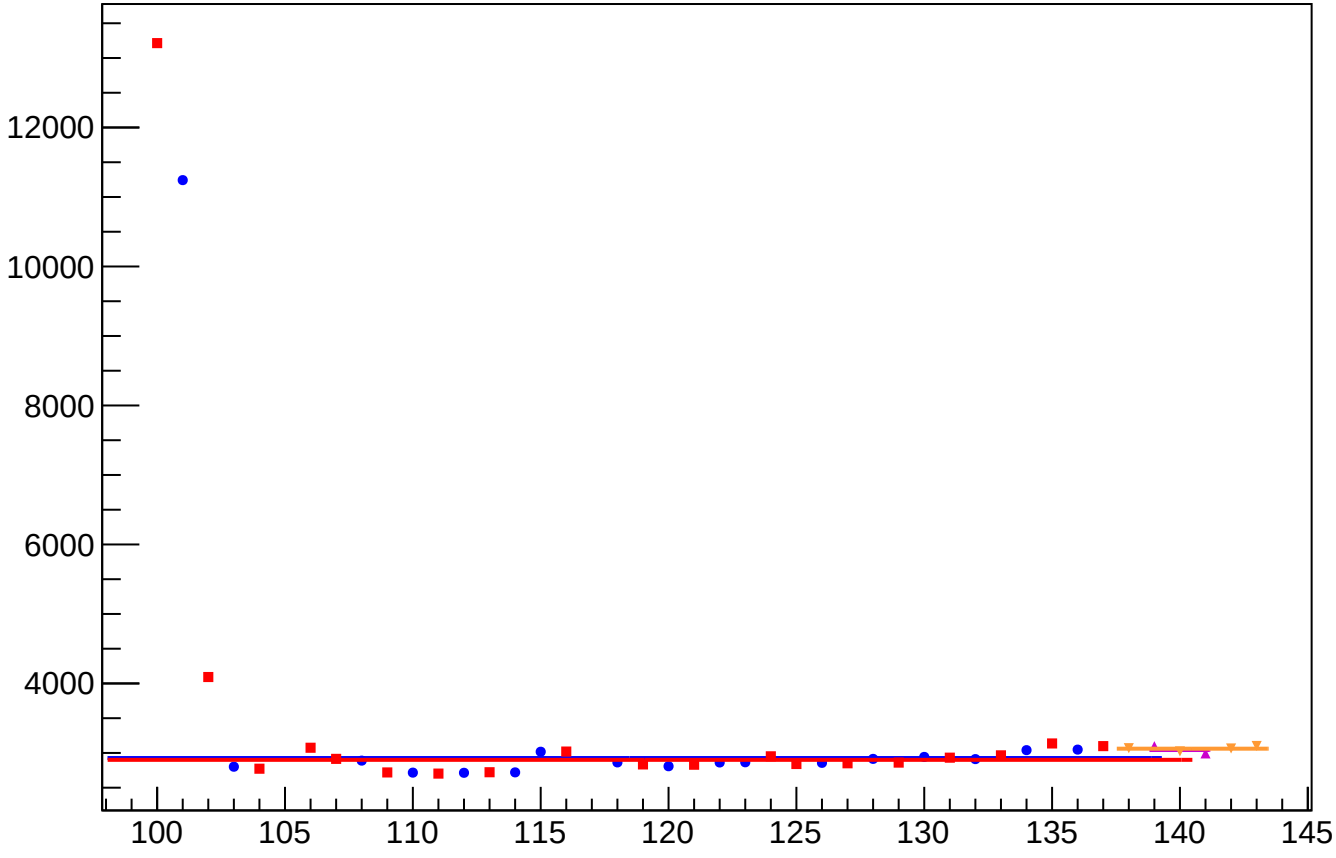
Left In: -6610.312+/-2375.118 χ^2/NDF:0.4/1

+ sign 2146.514+/-986.634 χ^2/NDF: 15.7/20

All: -455.022+/-704.290 χ^2/NDF: 42.9/41

- sign -3157.919+/-1005.671 χ^2/NDF: 13.0/20

asym_atr1_rms vs Slug



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

Left Out: 3061.396+/-1.337 χ^2/NDF:481.7/3

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

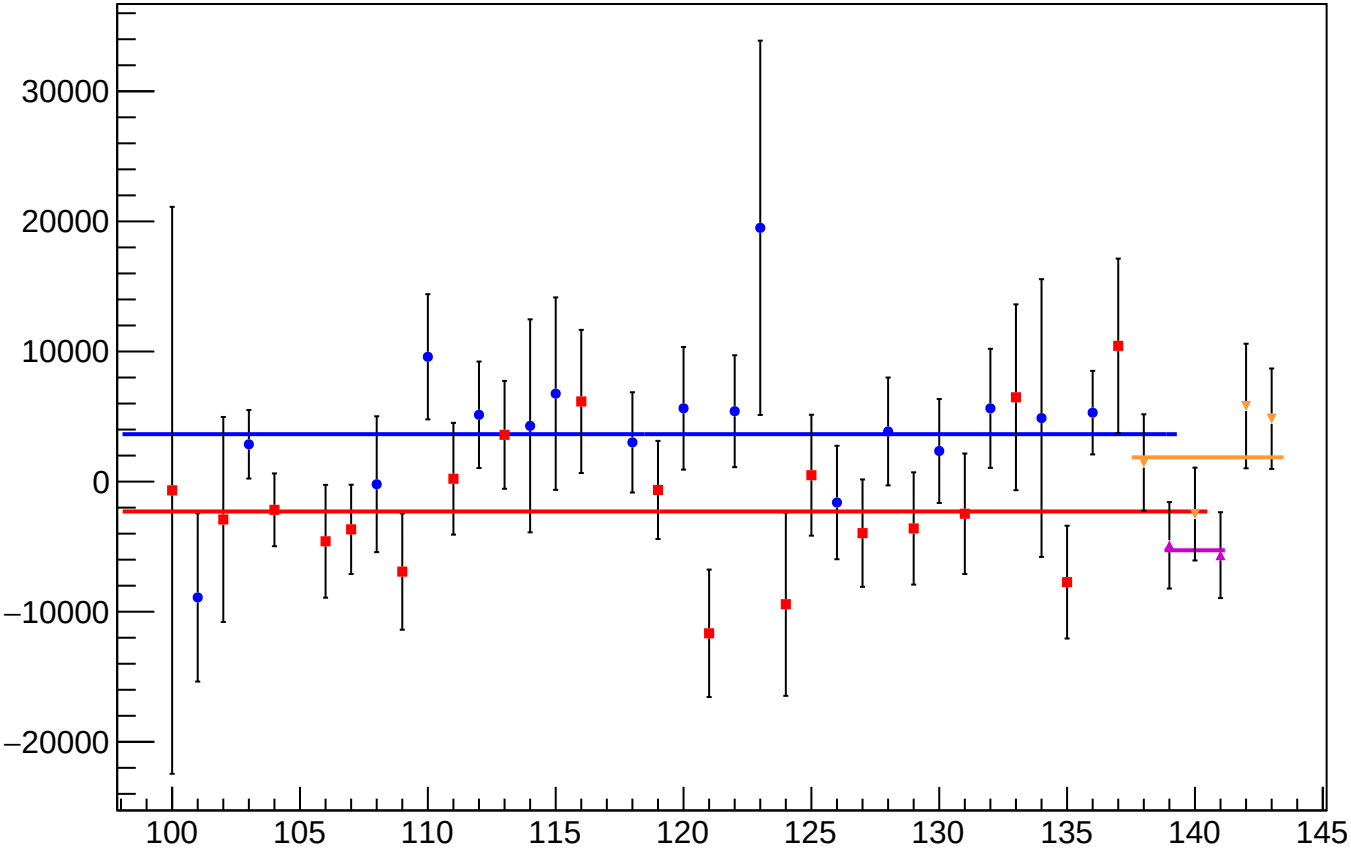
Left In: 3042.180+/-1.679 χ^2/NDF:961.7/1

+ sign 2963.306+/-0.698 χ^2/NDF: 670671.4/20

All: 2945.093+/-0.498 χ^2/NDF: 848703.3/41

- sign 2926.169+/-0.711 χ^2/NDF: 176642.1/20

dit_asym_atr2_mean vs Slug



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

Left Out: 1864.614+/-1953.967 χ^2/NDF:2.8/3

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

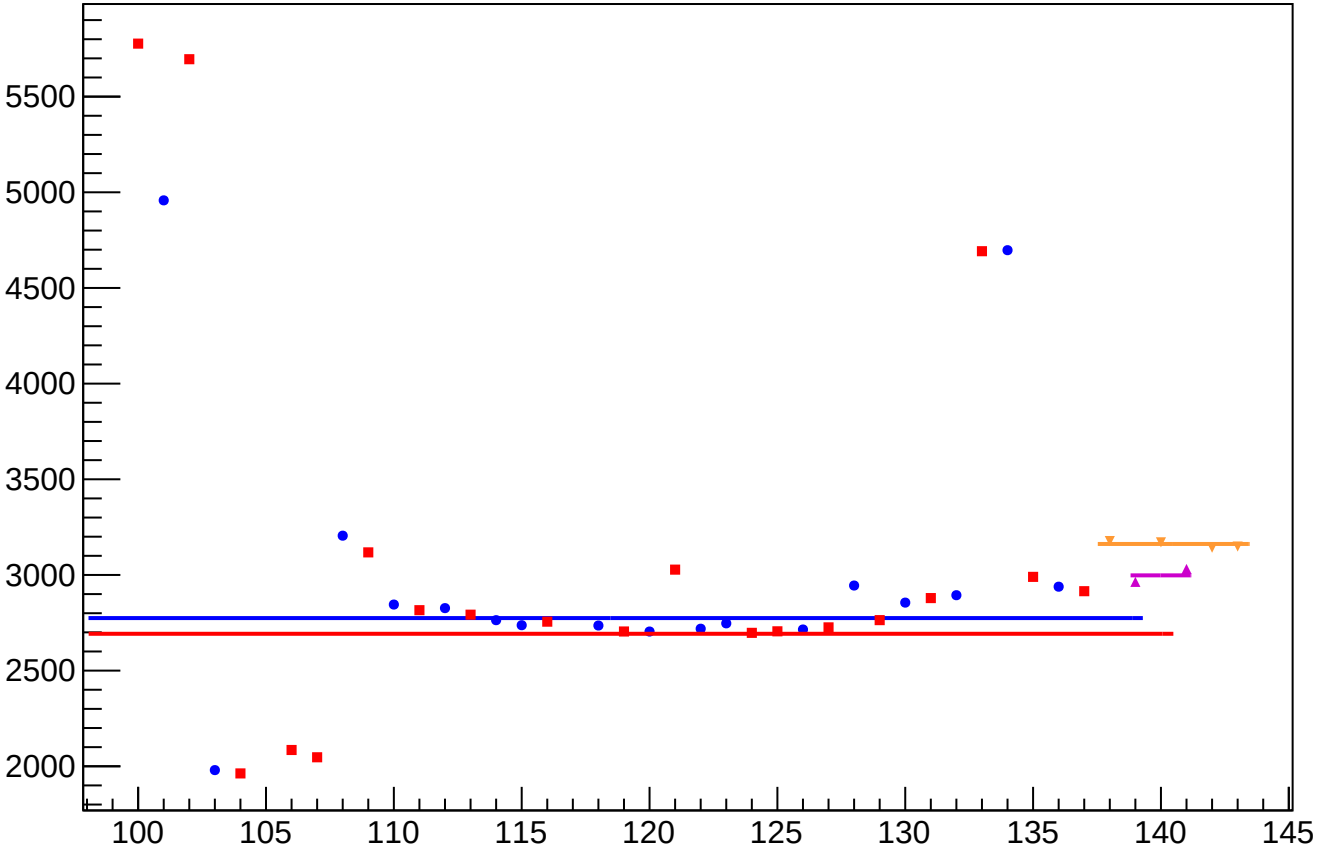
Left In: -5277.765+/-2341.300 χ^2/NDF:0.0/1

+ sign 3221.784+/-952.896 χ^2/NDF: 13.3/20

All: 223.333+/-674.782 χ^2/NDF: 52.9/41

- sign -2792.677+/-955.682 χ^2/NDF: 19.8/20

dit_asym_atr2_rms vs Slug



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

Left Out: 3161.980+/-1.382 χ^2/NDF:103.2/3

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

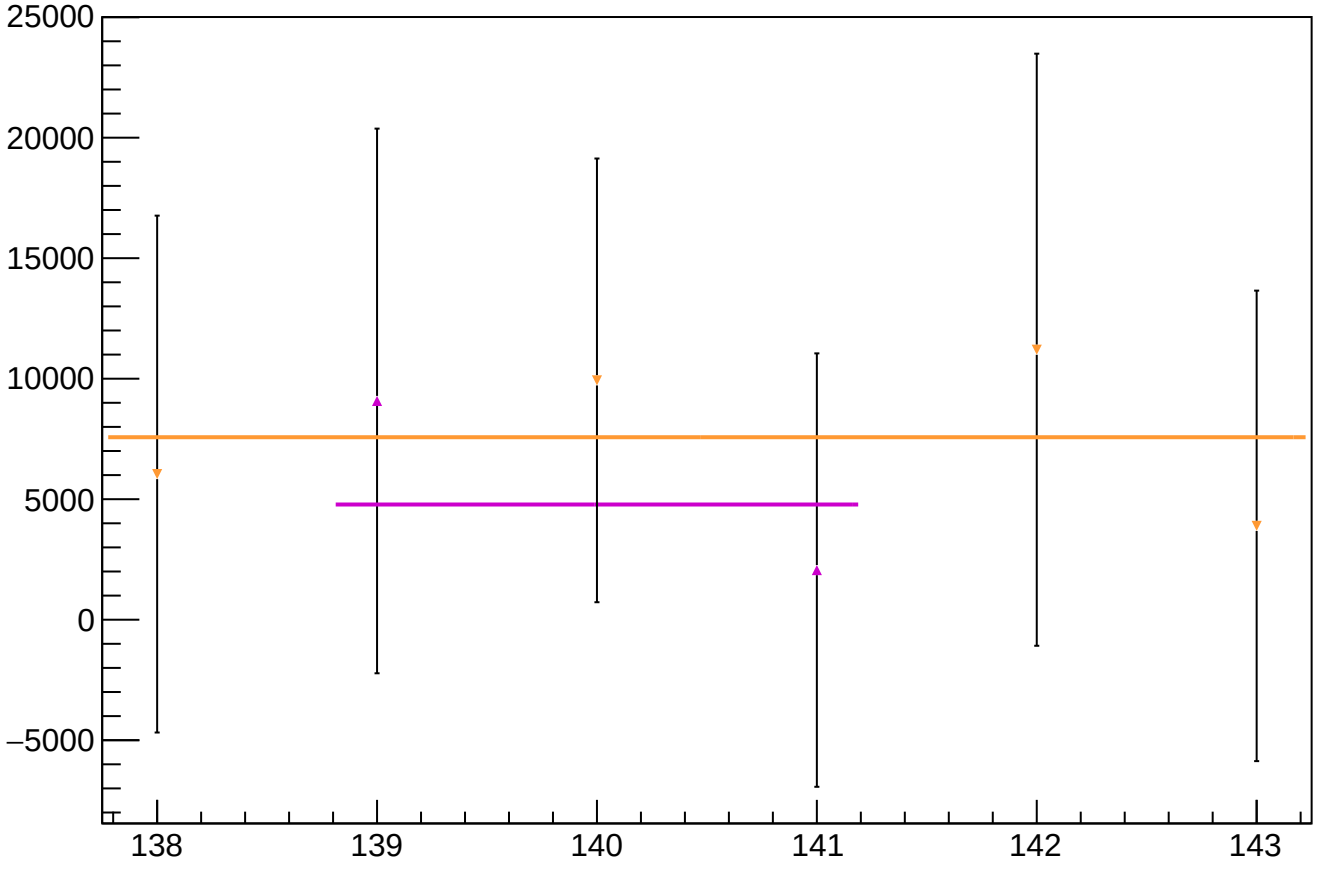
Left In: 2997.853+/-1.656 χ^2/NDF:415.9/1

+ sign 2866.742+/-0.674 χ^2/NDF: 561691.5/20

All: 2805.213+/-0.477 χ^2/NDF: 1387448.7/41

- sign 2743.356+/-0.676 χ^2/NDF: 809035.4/20

asym_atr2_correction_mean vs Slug



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

Left Out: 7571.371+/-5155.634 χ^2/NDF:0.3/3

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

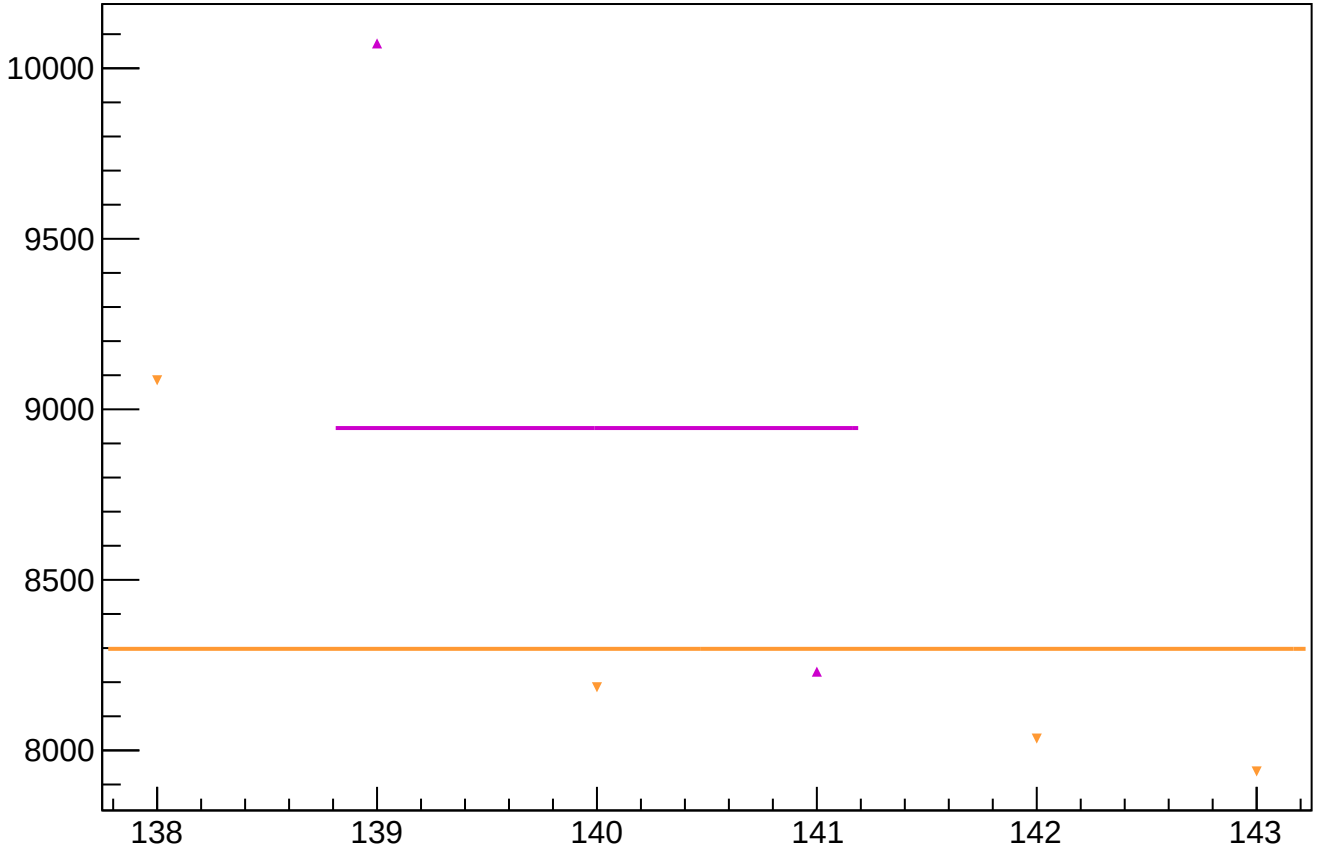
Left In: 4779.748+/-7035.920 χ^2/NDF:0.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6596.104+/-4158.668 χ^2/NDF: 0.7/5

- 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: 8297.776+/-3.646 χ^2/NDF:14713.8/3

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

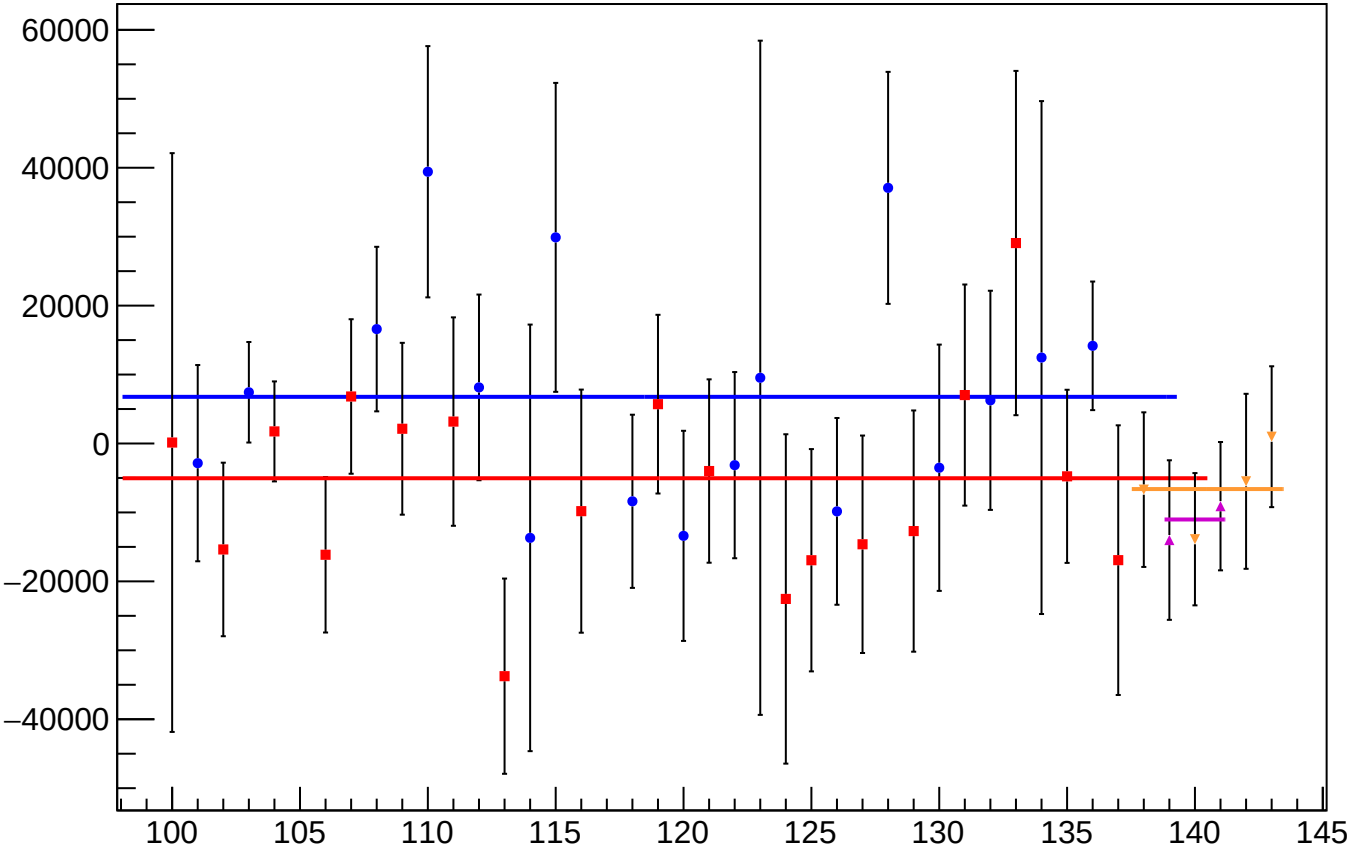
Left In: 8945.118+/-4.975 χ^2/NDF:32543.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8523.928+/-2.941 χ^2/NDF: 58272.5/5

- 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: -6610.071+/-5375.835 χ^2/NDF:1.1/3

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

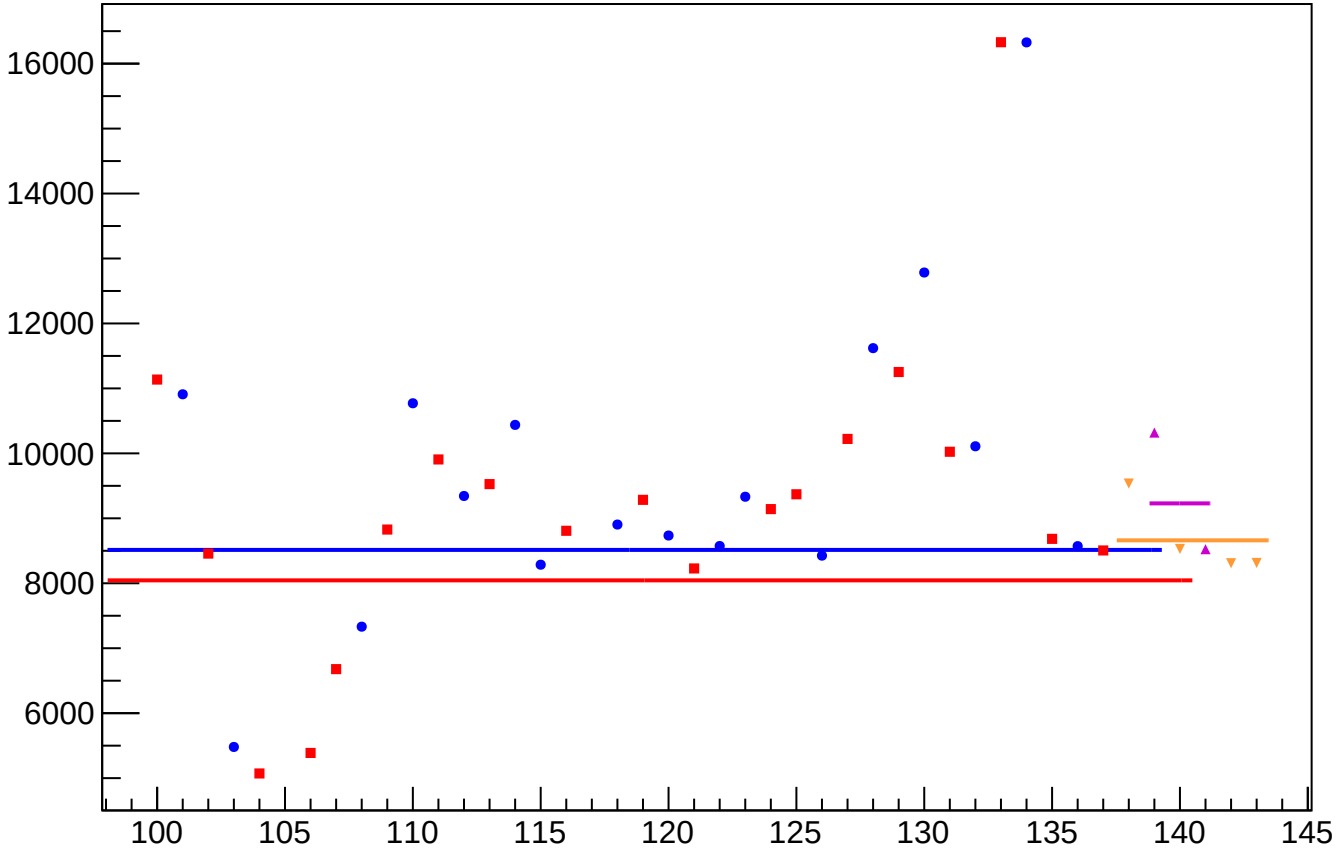
Left In: -11023.672+/-7253.222 χ^2/NDF:0.1/1

+ sign 2965.888+/-2865.742 χ^2/NDF: 20.9/20

All: -1459.179+/-2039.385 χ^2/NDF: 40.0/41

- sign -5999.638+/-2902.867 χ^2/NDF: 14.3/20

asym_atr2_rms vs Slug



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

Left Out: 8660.958+/-3.801 χ^2/NDF:16395.7/3

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

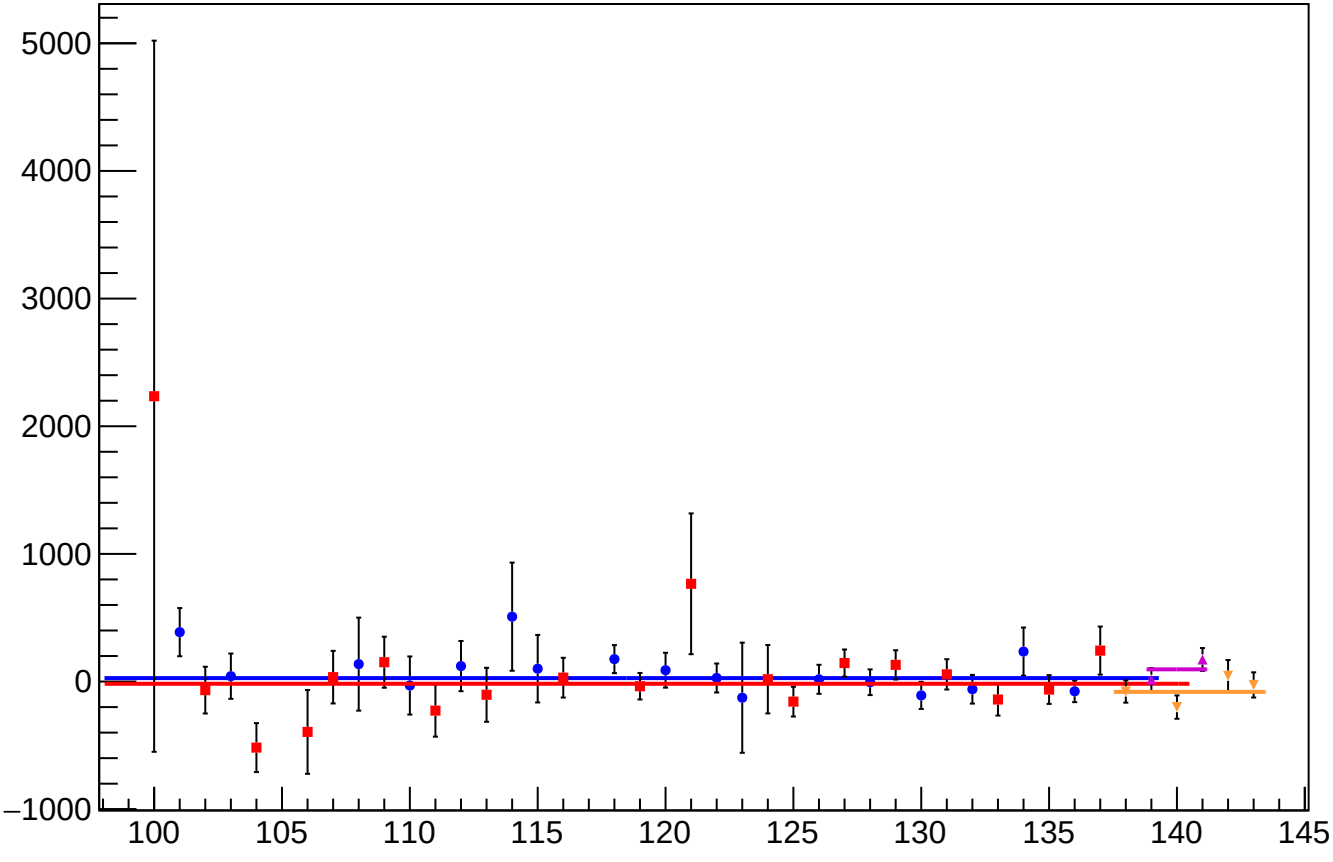
Left In: 9229.705+/-5.129 χ^2/NDF:29228.7/1

+ sign 8555.522+/-2.026 χ^2/NDF: 780084.9/20

All: 8397.086+/-1.442 χ^2/NDF: 1818839.9/41

- sign 8234.528+/-2.053 χ^2/NDF: 1026369.7/20

dit_asym_sam1_mean vs Slug



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

Left Out: -80.730+/-48.880 χ^2/NDF:3.0/3

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

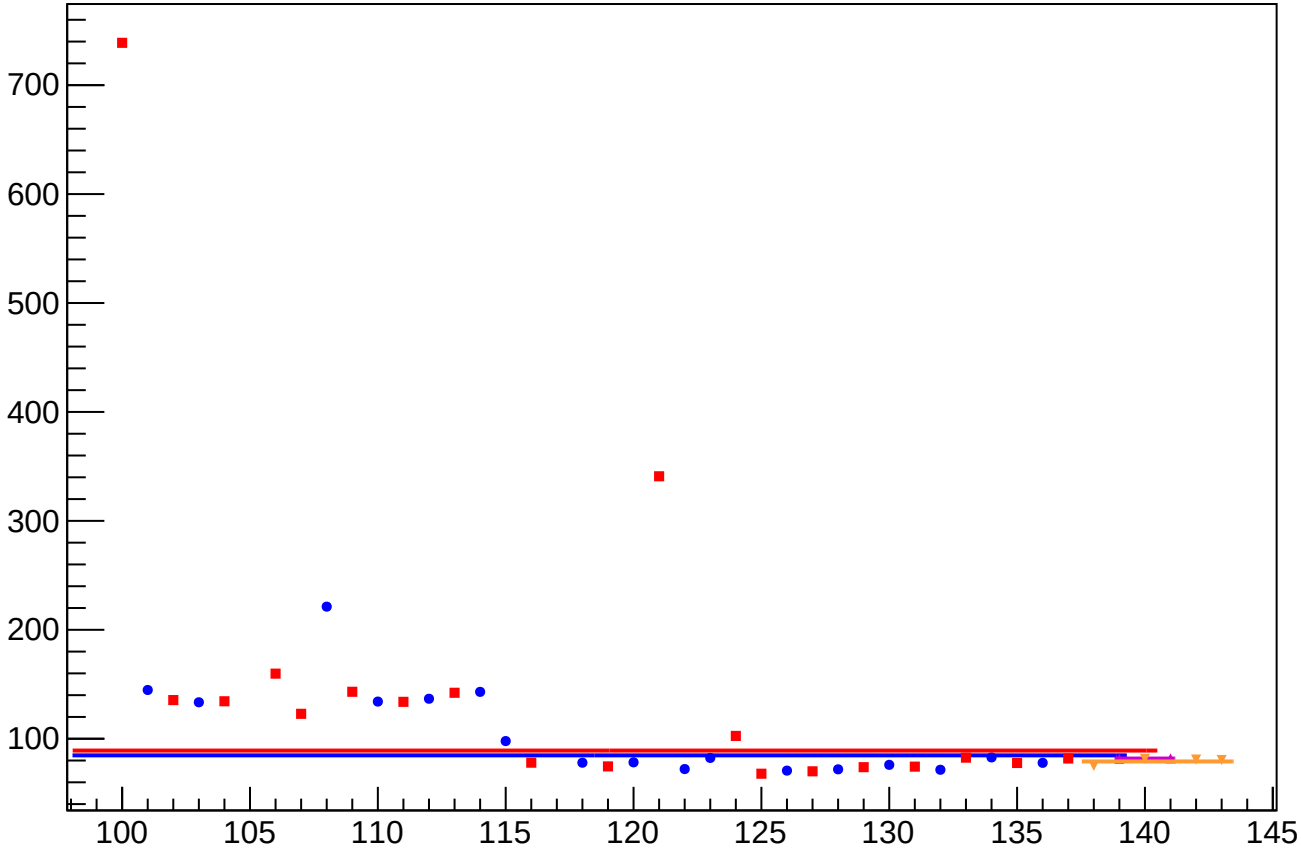
Left In: 95.708+/-63.919 χ^2/NDF:1.5/1

+ sign -8.213+/-27.928 χ^2/NDF: 18.9/20

All: -0.367+/-20.769 χ^2/NDF: 44.9/41

- sign 9.343+/-31.067 χ^2/NDF: 25.8/20

dit_asym_sam1_rms vs Slug



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

Left Out: 79.134+/-0.035 χ^2/NDF:6547.7/3

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

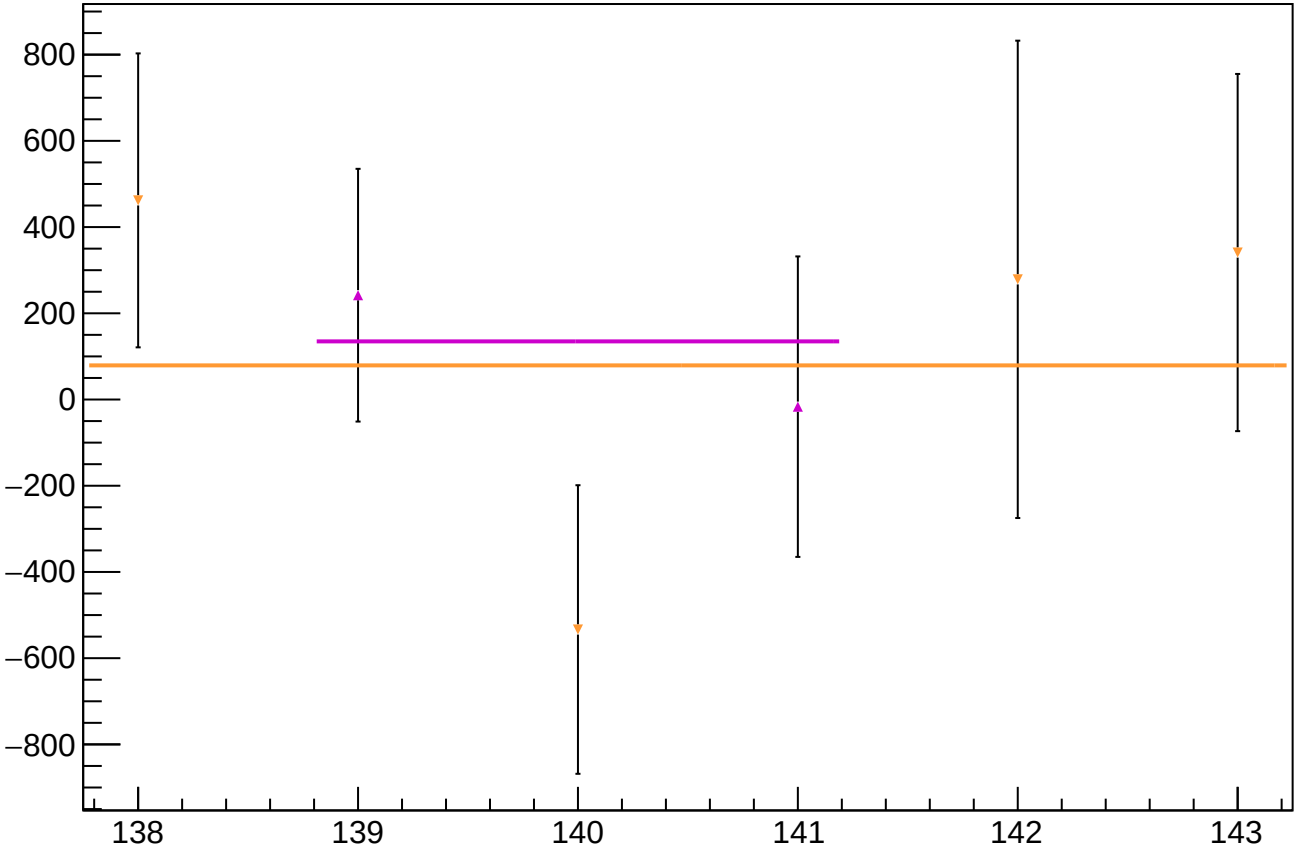
Left In: 81.802+/-0.045 χ^2/NDF:17.4/1

+ sign 82.908+/-0.020 χ^2/NDF: 1088668.9/20

All: 84.920+/-0.015 χ^2/NDF: 2691322.9/41

- sign 87.409+/-0.022 χ^2/NDF: 1579436.2/20

asym_sam1_correction_mean vs Slug



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

Left Out: 79.187+/-193.827 χ^2/NDF:5.1/3

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

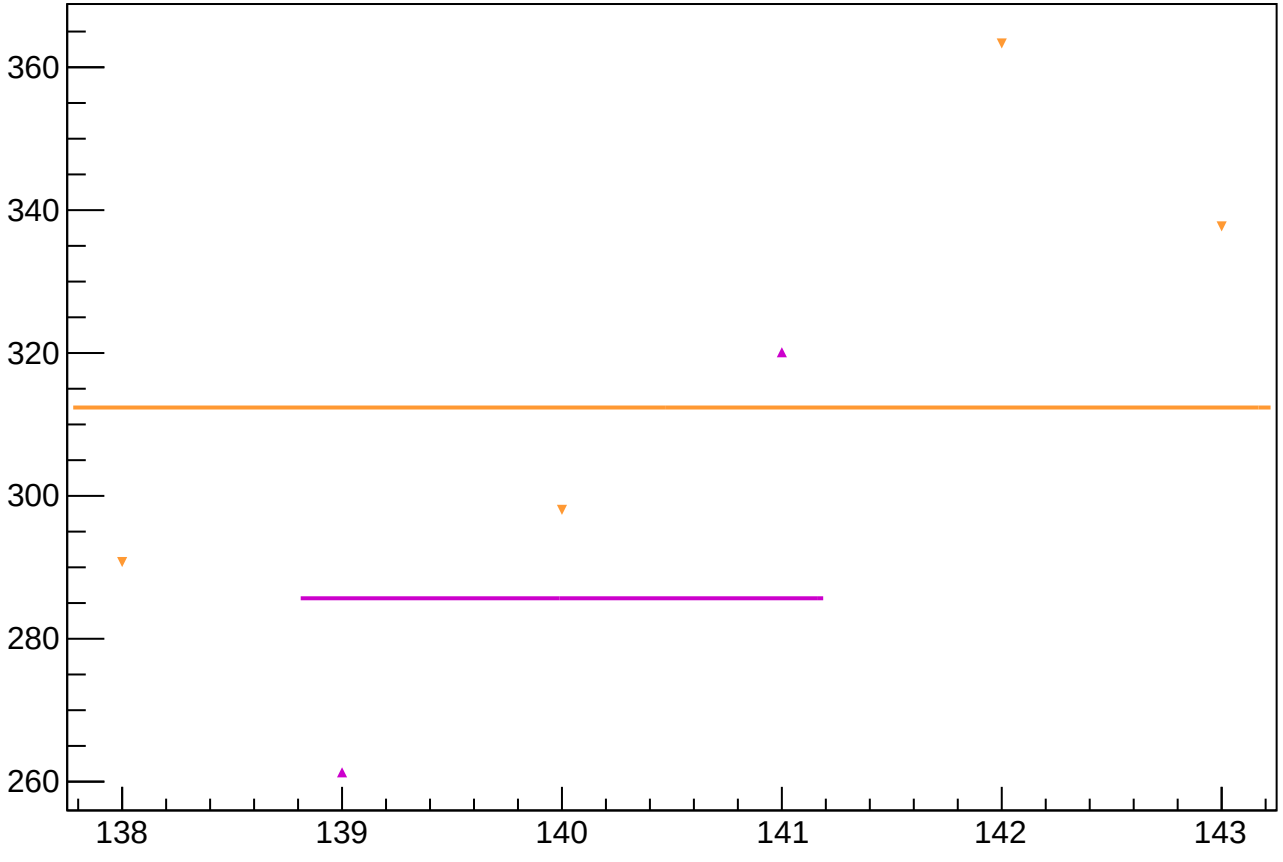
Left In: 134.855+/-224.328 χ^2/NDF:0.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 102.982+/-146.664 χ^2/NDF: 5.5/5

- 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: 312.371+/-0.137 χ^2/NDF:36149.6/3

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

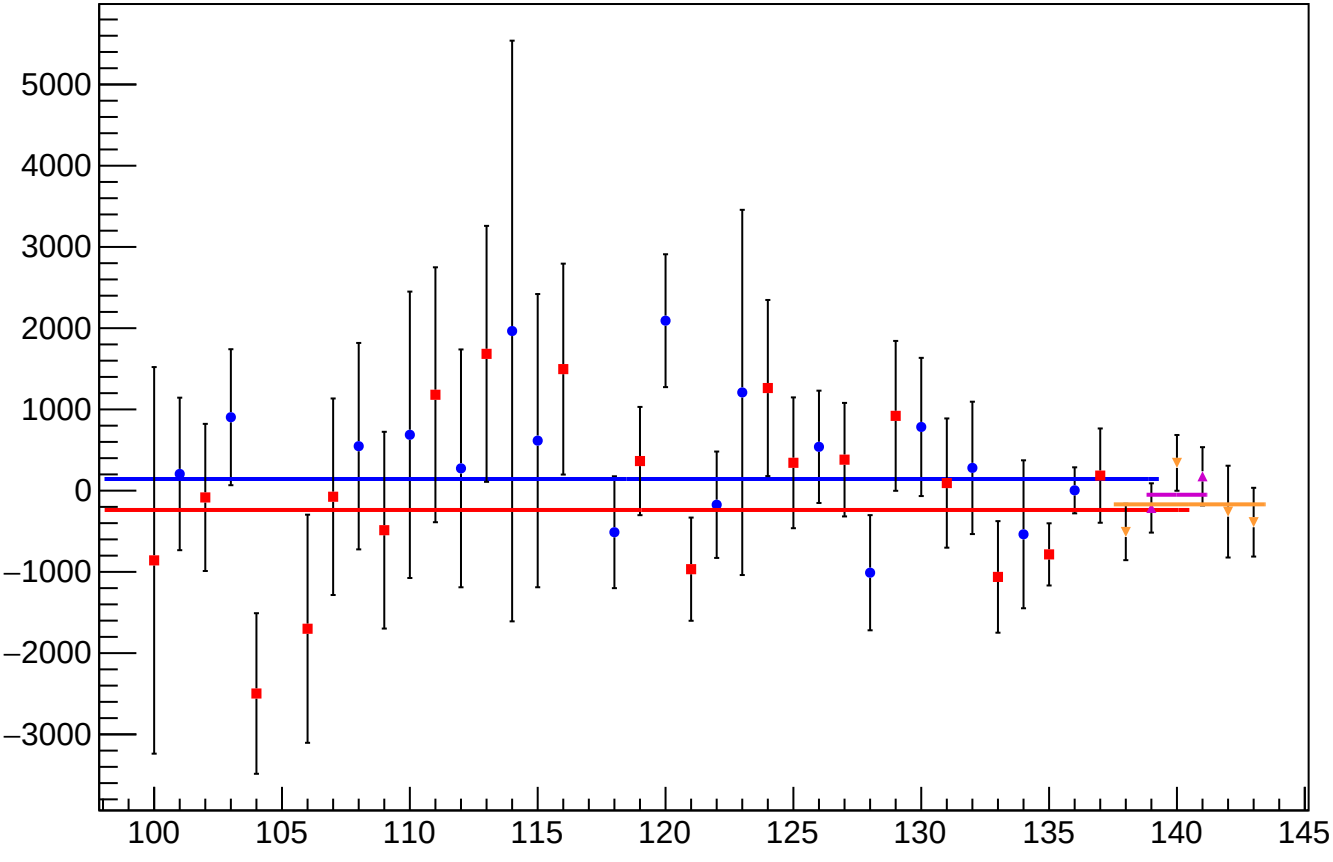
Left In: 285.667+/-0.159 χ^2/NDF:33347.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 300.957+/-0.104 χ^2/NDF: 85723.4/5

- 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: -168.567+/-197.991 χ^2/NDF:3.5/3

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

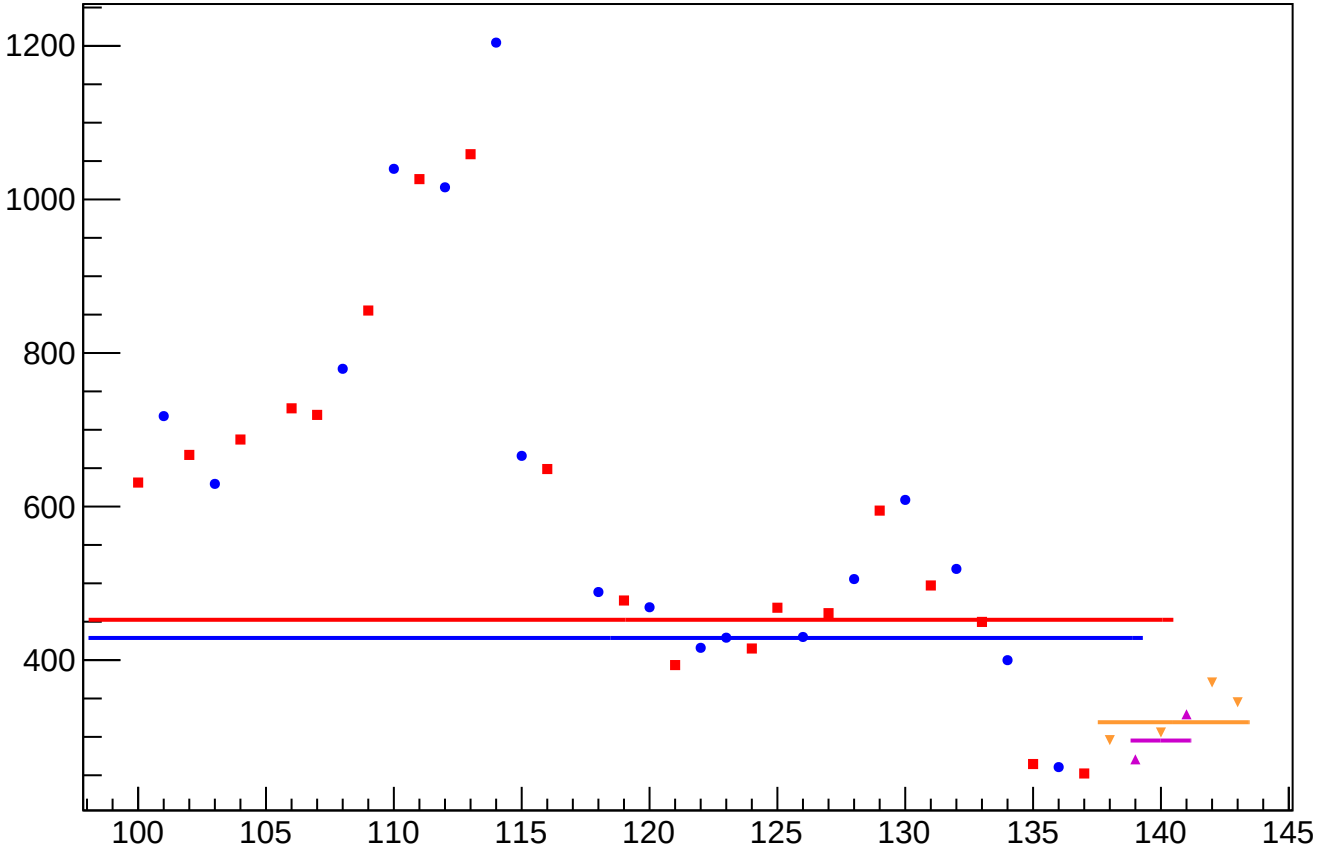
Left In: -50.465+/-231.666 χ^2/NDF:0.7/1

+ sign 2.935+/-132.877 χ^2/NDF: 17.6/20

All: -74.411+/-97.679 χ^2/NDF: 41.1/41

- sign -165.351+/-144.081 χ^2/NDF: 22.8/20

asym_sam1_rms vs Slug



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

Left Out: 319.089+/-0.140 χ^2/NDF:36385.3/3

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

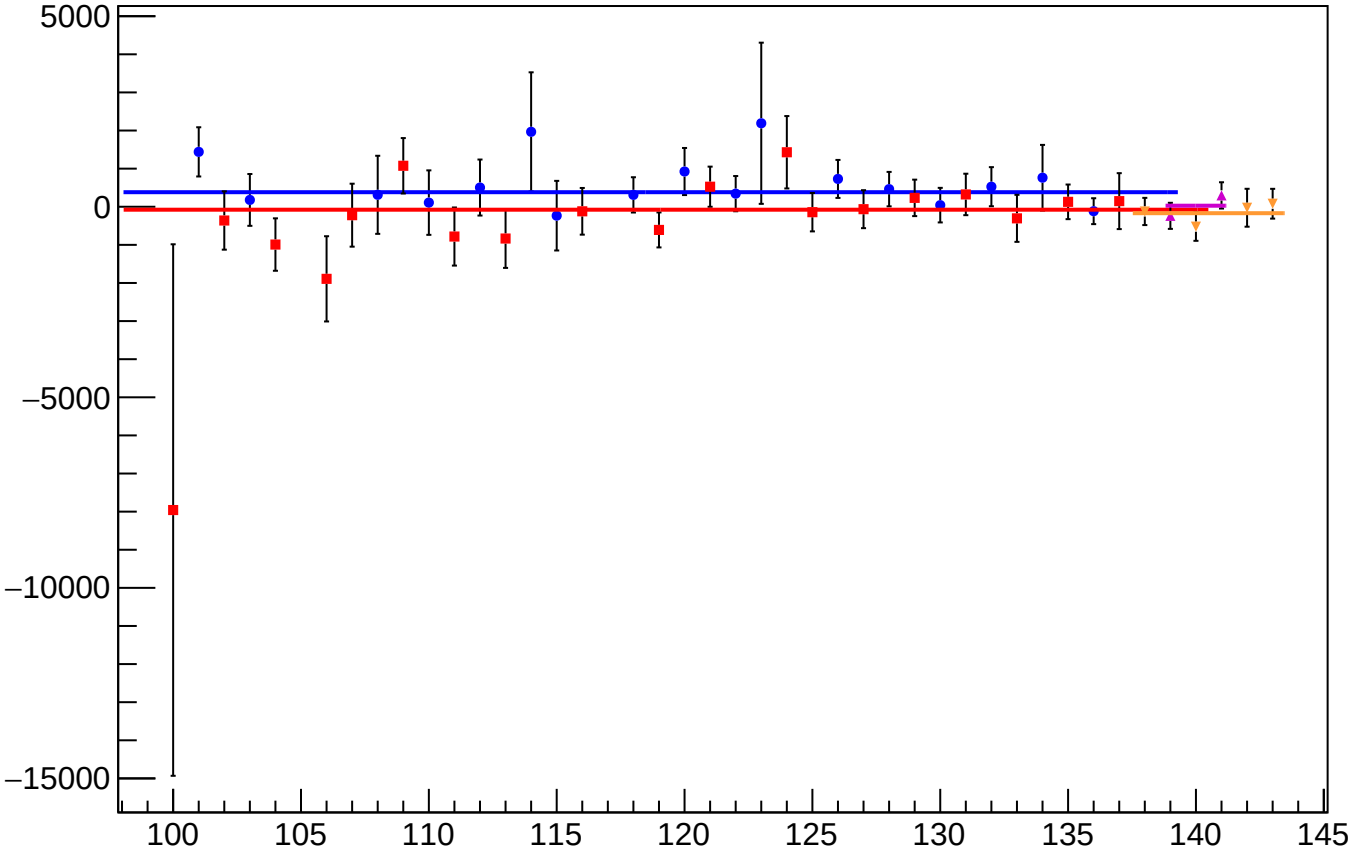
Left In: 295.241+/-0.164 χ^2/NDF:31202.5/1

+ sign 379.416+/-0.094 χ^2/NDF: 2386565.9/20

All: 385.054+/-0.069 χ^2/NDF: 5030082.4/41

- sign 391.682+/-0.102 χ^2/NDF: 2635682.7/20

dit_asym_sam2_mean vs Slug



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

Left Out: -168.941+/-197.359 χ^2/NDF:1.4/3

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

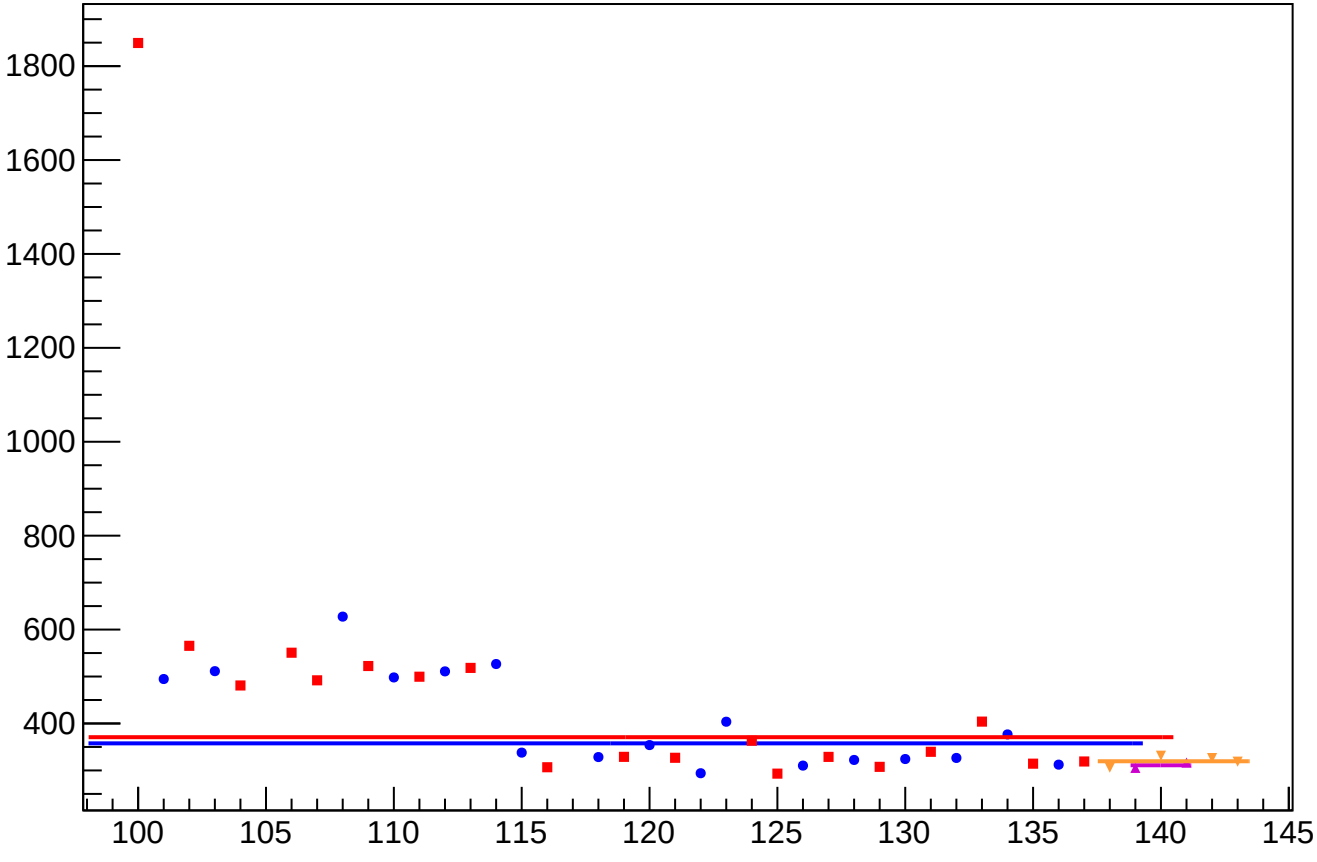
Left In: 27.501+/-242.876 χ^2/NDF:1.2/1

+ sign 195.413+/-114.832 χ^2/NDF: 16.0/20

All: 81.493+/-84.104 χ^2/NDF: 36.2/41

- sign -50.332+/-123.527 χ^2/NDF: 18.1/20

dit_asym_sam2_rms vs Slug



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

Left Out: 319.538+/-0.140 χ^2/NDF:5348.5/3

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

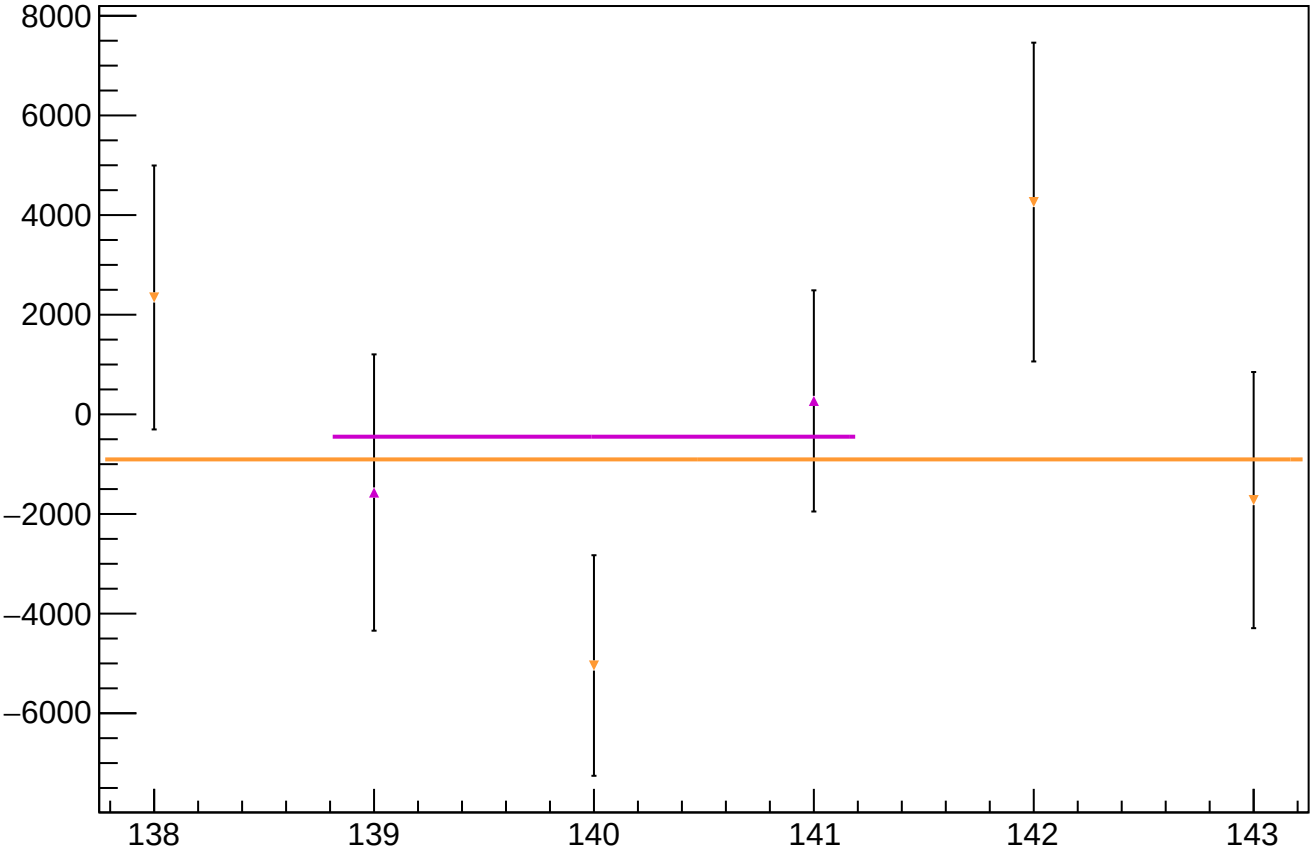
Left In: 311.015+/-0.172 χ^2/NDF:1083.5/1

+ sign 344.757+/-0.081 χ^2/NDF: 684389.9/20

All: 349.659+/-0.059 χ^2/NDF: 1567937.7/41

- sign 355.331+/-0.087 χ^2/NDF: 875687.0/20

asym_sam2_correction_mean vs Slug



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

Left Out: -904.420+/-1295.832 χ^2/NDF:7.7/3

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

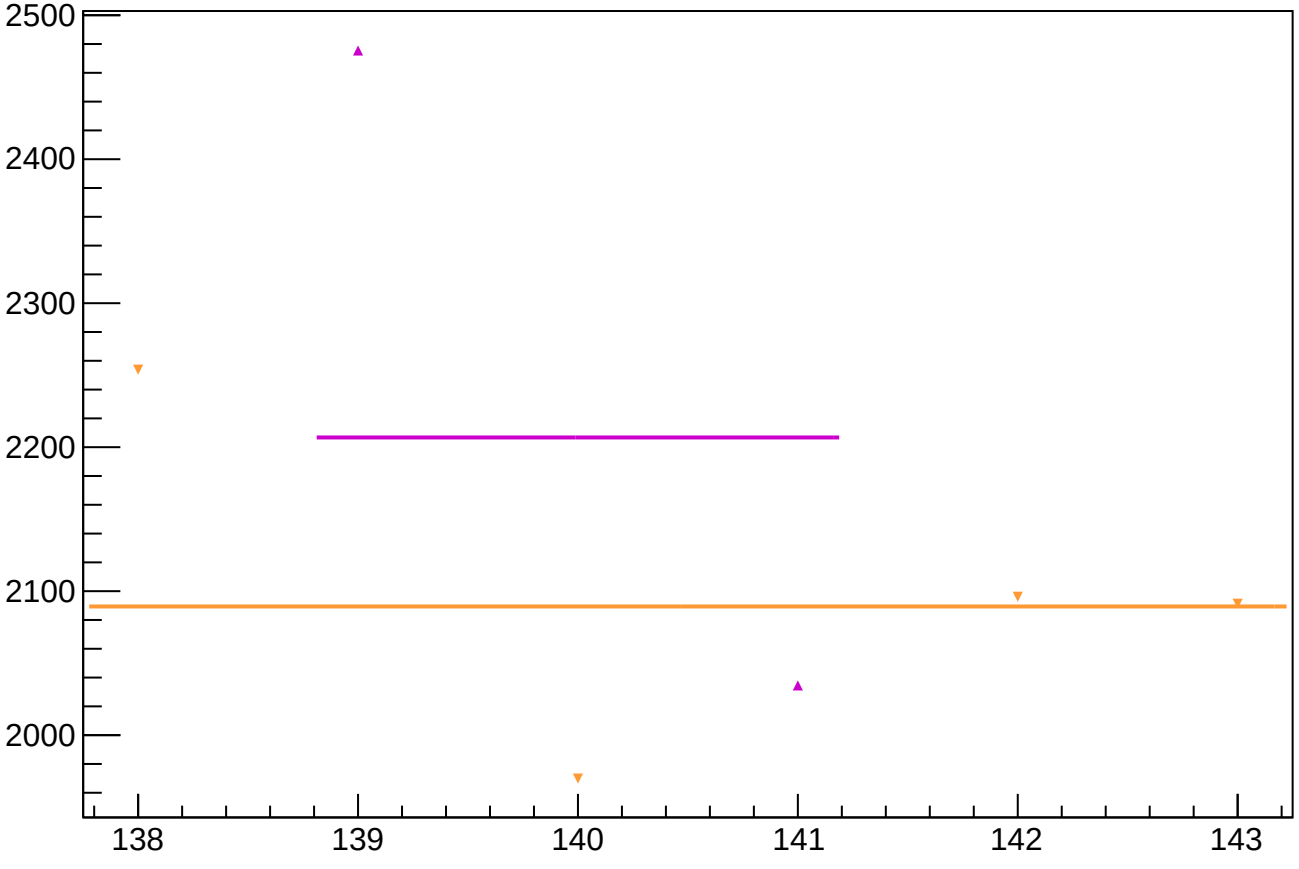
Left In: -448.631+/-1733.074 χ^2/NDF:0.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -740.978+/-1037.807 χ^2/NDF: 8.0/5

- 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: 2089.376+/-0.916 χ^2/NDF:13546.9/3

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

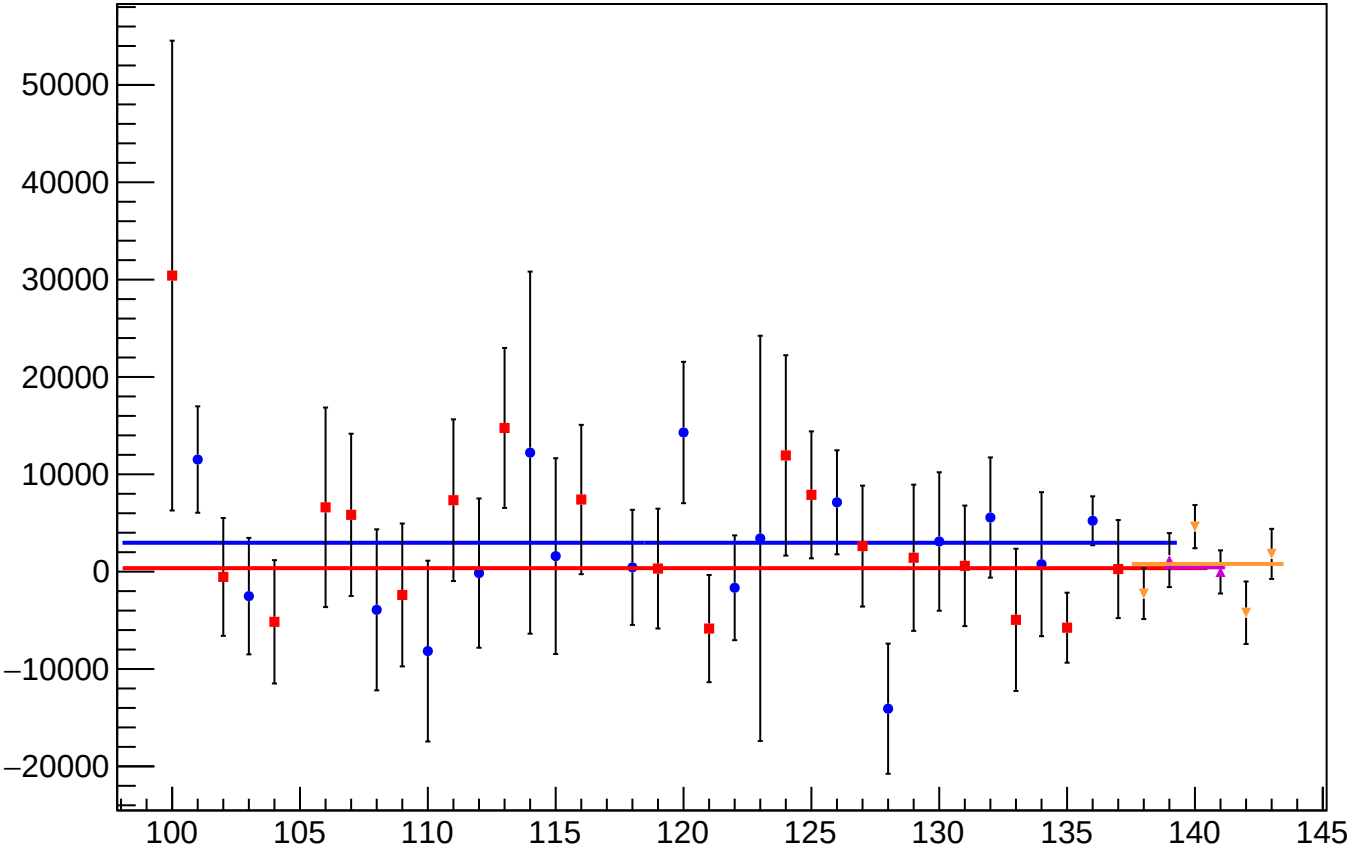
Left In: 2206.756+/-1.225 χ^2/NDF:30816.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2131.467+/-0.734 χ^2/NDF: 50248.0/5

- 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: 793.890+/-1293.921 χ^2/NDF:6.9/3

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

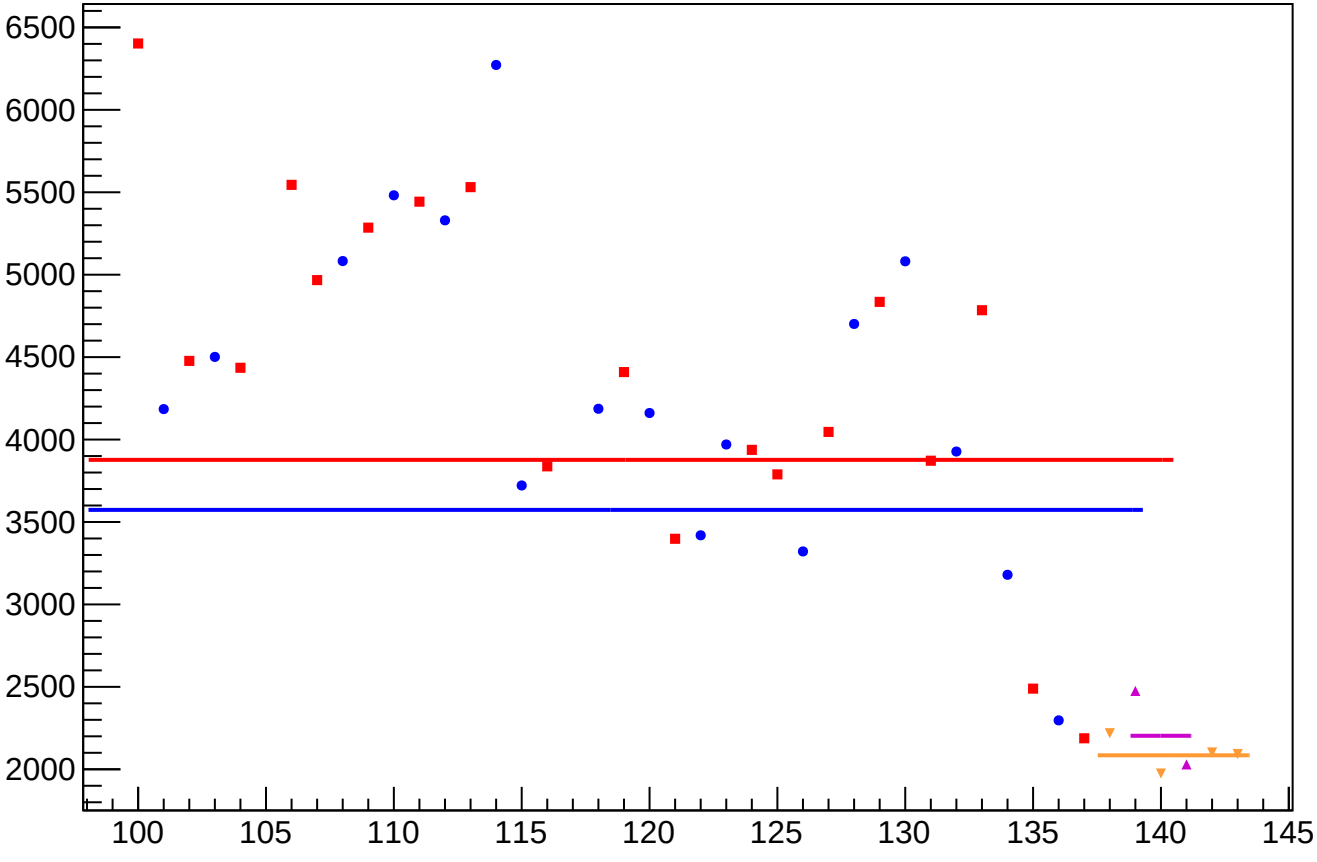
Left In: 444.666+/-1731.034 χ^2/NDF:0.1/1

+ sign 1765.245+/-962.600 χ^2/NDF: 25.6/20

All: 1193.270+/-734.574 χ^2/NDF: 41.9/41

- sign 395.757+/-1136.648 χ^2/NDF: 15.5/20

asym_sam2_rms vs Slug



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

Left Out: 2084.873+/-0.915 χ^2/NDF:10282.6/3

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

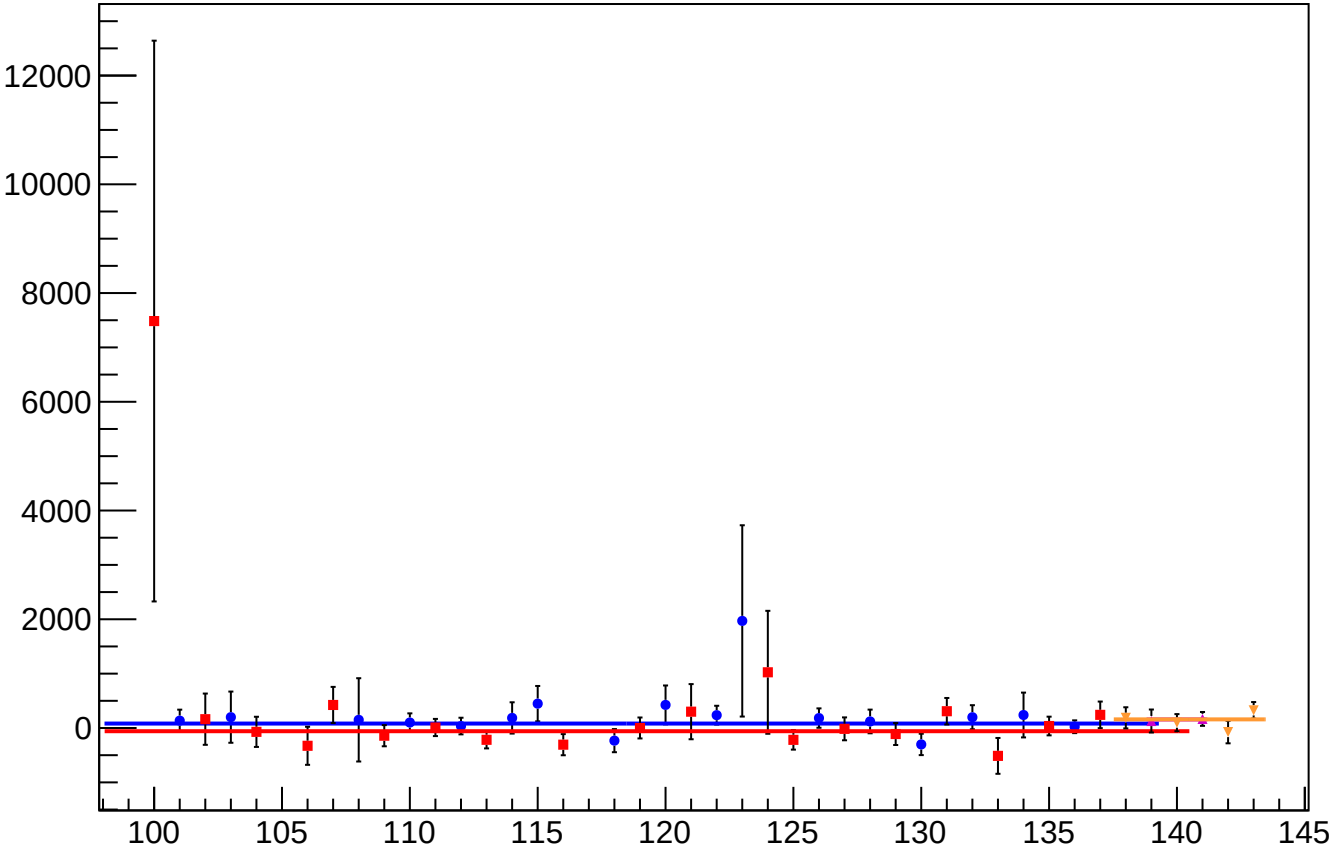
Left In: 2203.271+/-1.224 χ^2/NDF:31506.4/1

+ sign 2749.609+/-0.681 χ^2/NDF: 2281078.5/20

All: 2919.049+/-0.519 χ^2/NDF: 4512856.3/41

- sign 3155.302+/-0.804 χ^2/NDF: 2083405.6/20

dit_asym_sam3_mean vs Slug



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

Left Out: 158.736+/-86.714 χ^2/NDF:2.6/3

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

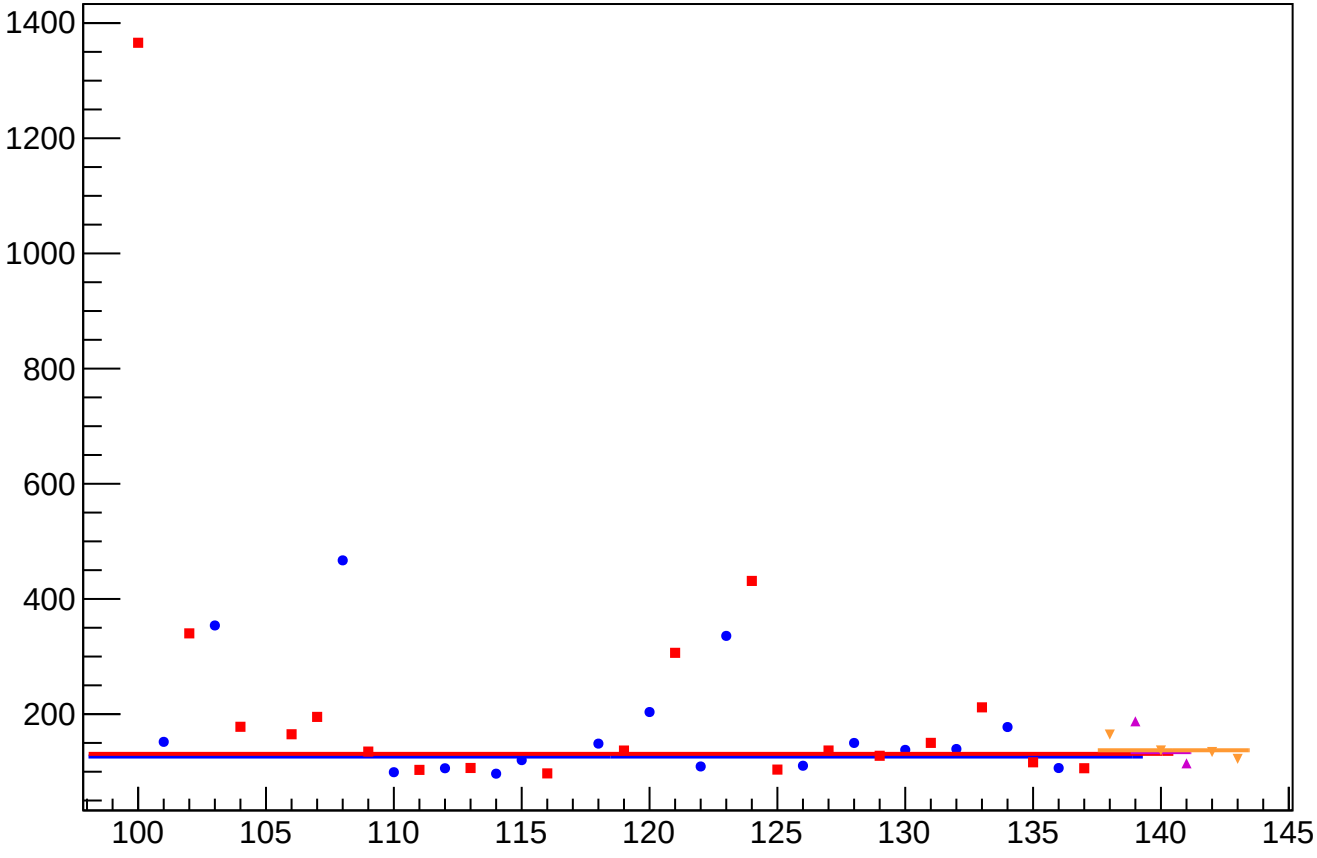
Left In: 156.911+/-109.058 χ^2/NDF:0.0/1

+ sign 102.133+/-44.537 χ^2/NDF: 14.7/20

All: 46.503+/-32.582 χ^2/NDF: 37.7/41

- sign -17.548+/-47.789 χ^2/NDF: 19.6/20

dit_asym_sam3_rms vs Slug



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

Left Out: 137.254+/-0.061 χ^2/NDF:59169.5/3

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

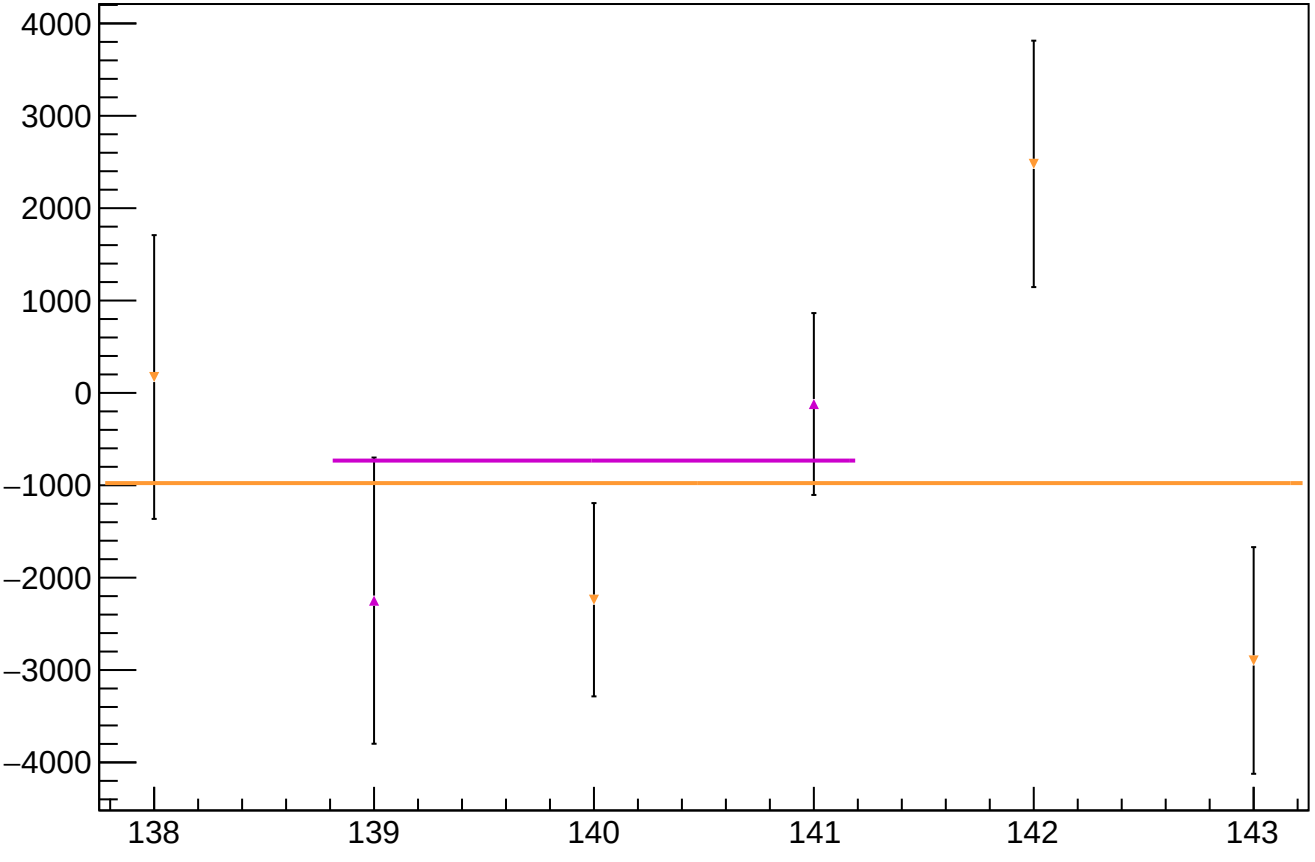
Left In: 134.009+/-0.077 χ^2/NDF:174939.1/1

+ sign 129.218+/-0.031 χ^2/NDF: 1393080.7/20

All: 130.318+/-0.023 χ^2/NDF: 3001126.6/41

- sign 131.584+/-0.034 χ^2/NDF: 1605424.3/20

asym_sam3_correction_mean vs Slug



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

Left Out: -976.286+/-624.539 χ^2/NDF:11.2/3

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

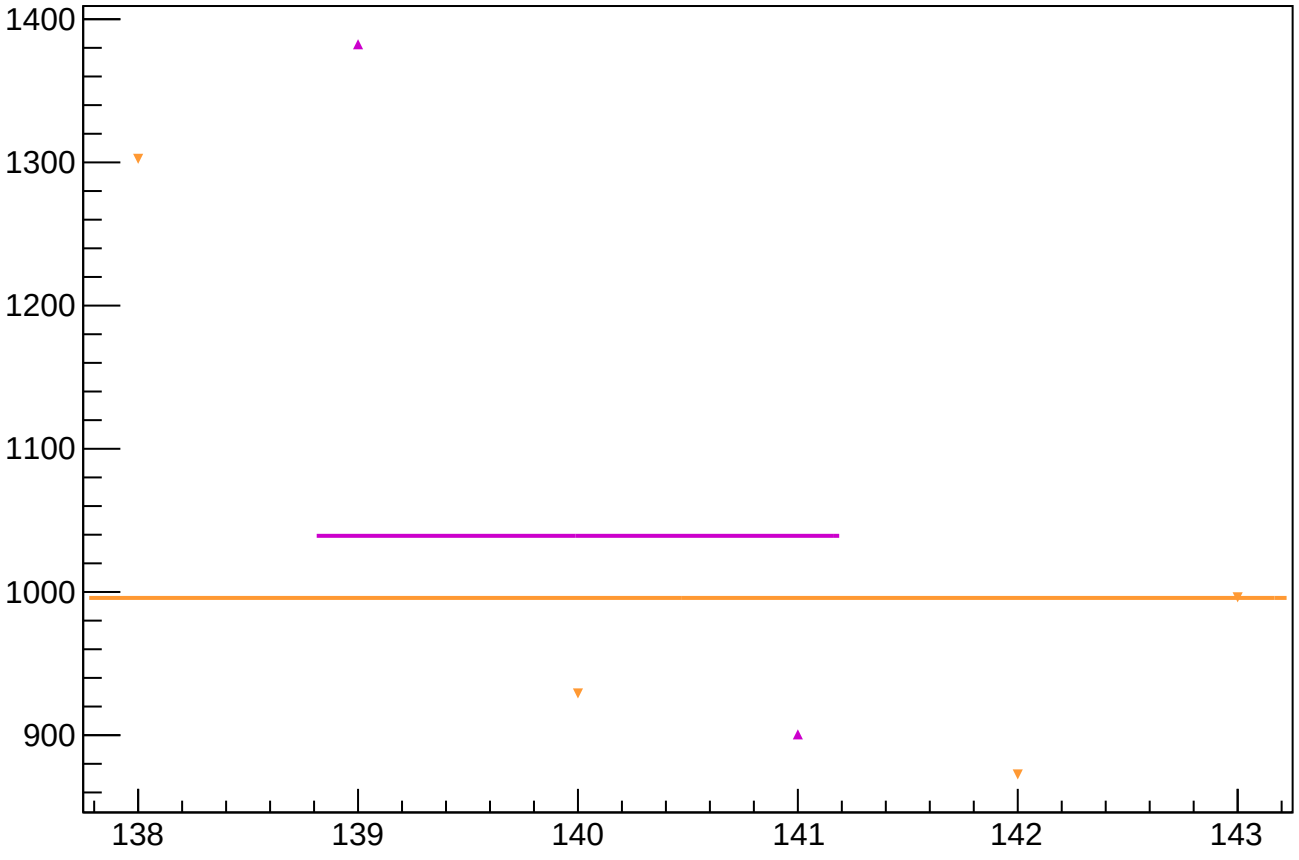
Left In: -732.557+/-830.916 χ^2/NDF:1.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -888.300+/-499.241 χ^2/NDF: 12.6/5

- 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: 995.851+/-0.442 χ^2/NDF:104919.6/3

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

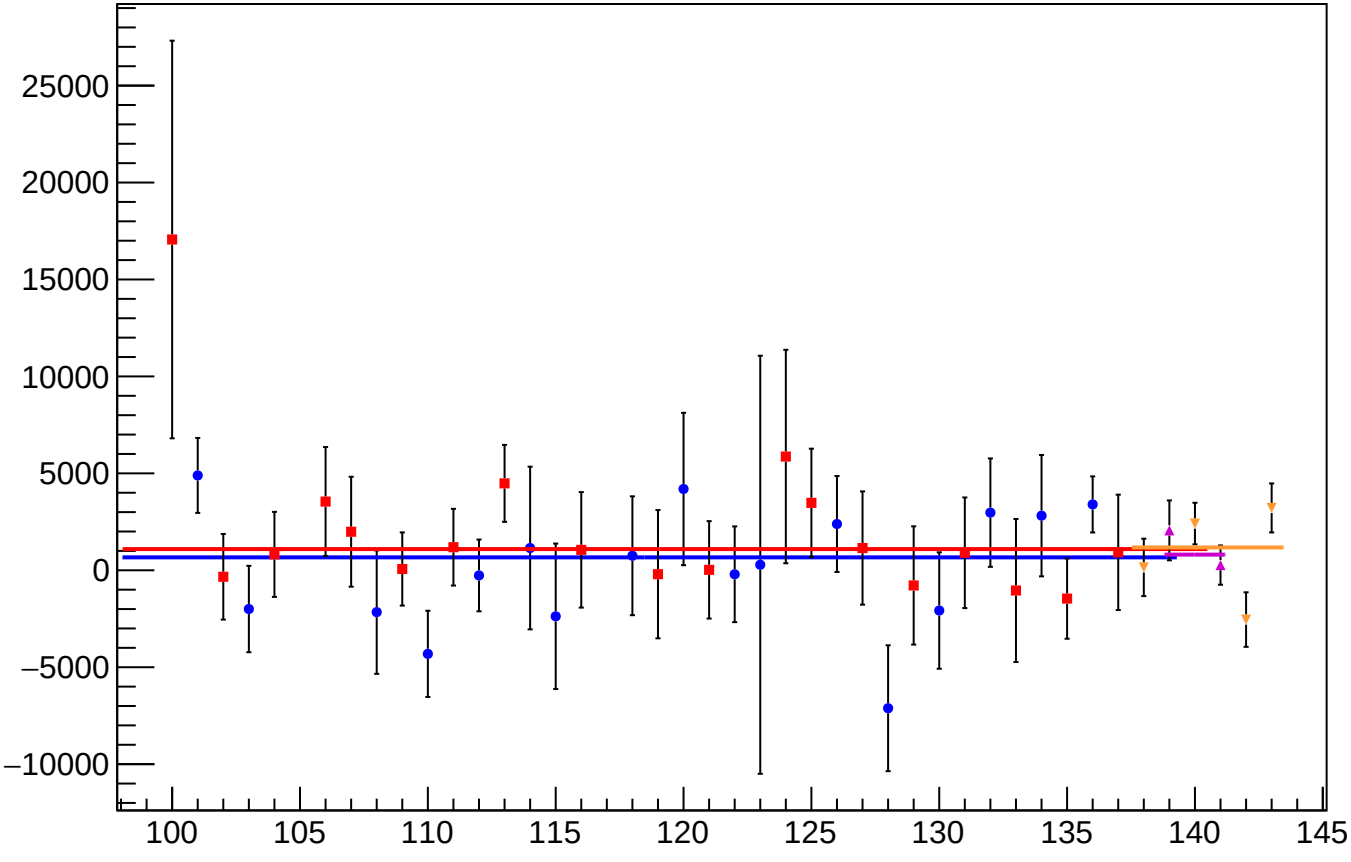
Left In: 1039.219+/-0.588 χ^2/NDF:137875.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1011.507+/-0.353 χ^2/NDF: 246277.0/5

- 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: 1176.851+/-637.853 χ^2/NDF:11.4/3

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

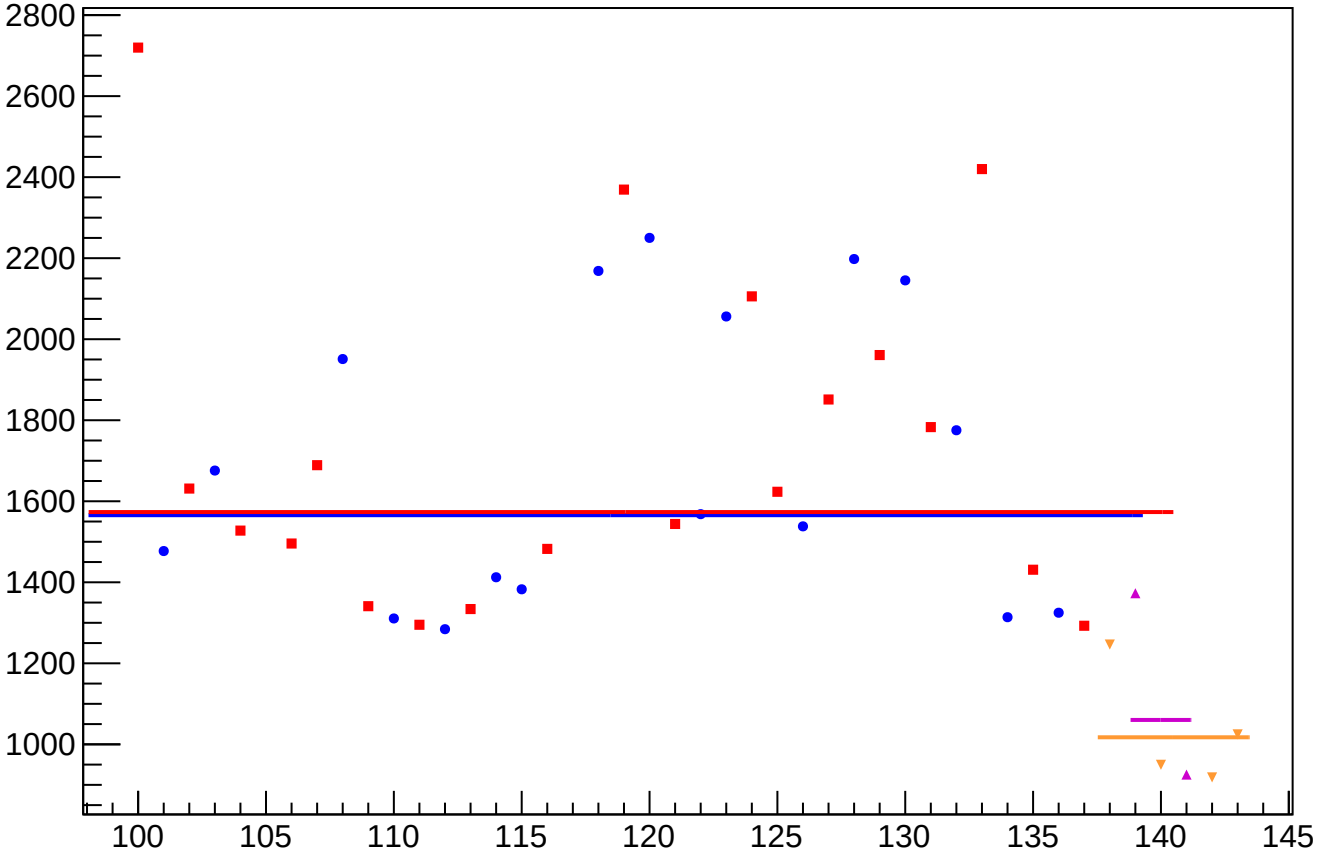
Left In: 807.834+/-847.416 χ^2/NDF:0.9/1

+ sign 913.931+/-444.155 χ^2/NDF: 37.4/20

All: 951.787+/-329.419 χ^2/NDF: 49.4/41

- sign 998.070+/-491.115 χ^2/NDF: 12.0/20

asym_sam3_rms vs Slug



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

Left Out: 1017.406+/-0.451 χ^2/NDF:65874.4/3

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

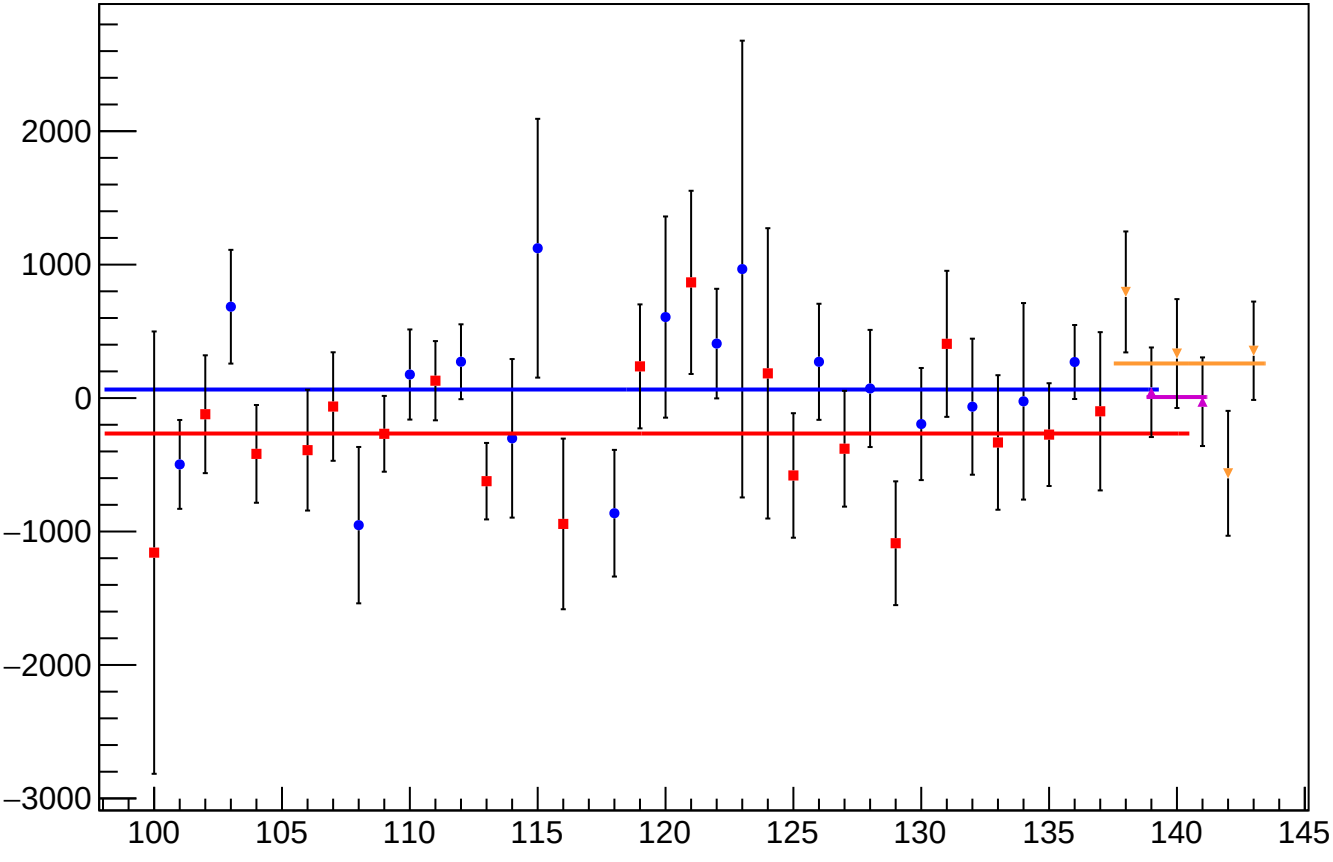
Left In: 1060.241+/-0.599 χ^2/NDF:117484.0/1

+ sign 1299.807+/-0.314 χ^2/NDF: 1317704.6/20

All: 1345.345+/-0.233 χ^2/NDF: 2430963.0/41

- sign 1401.022+/-0.347 χ^2/NDF: 1066530.3/20

dit_asym_sam4_mean vs Slug



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

Left Out: 259.265+/-209.396 χ^2/NDF:4.6/3

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

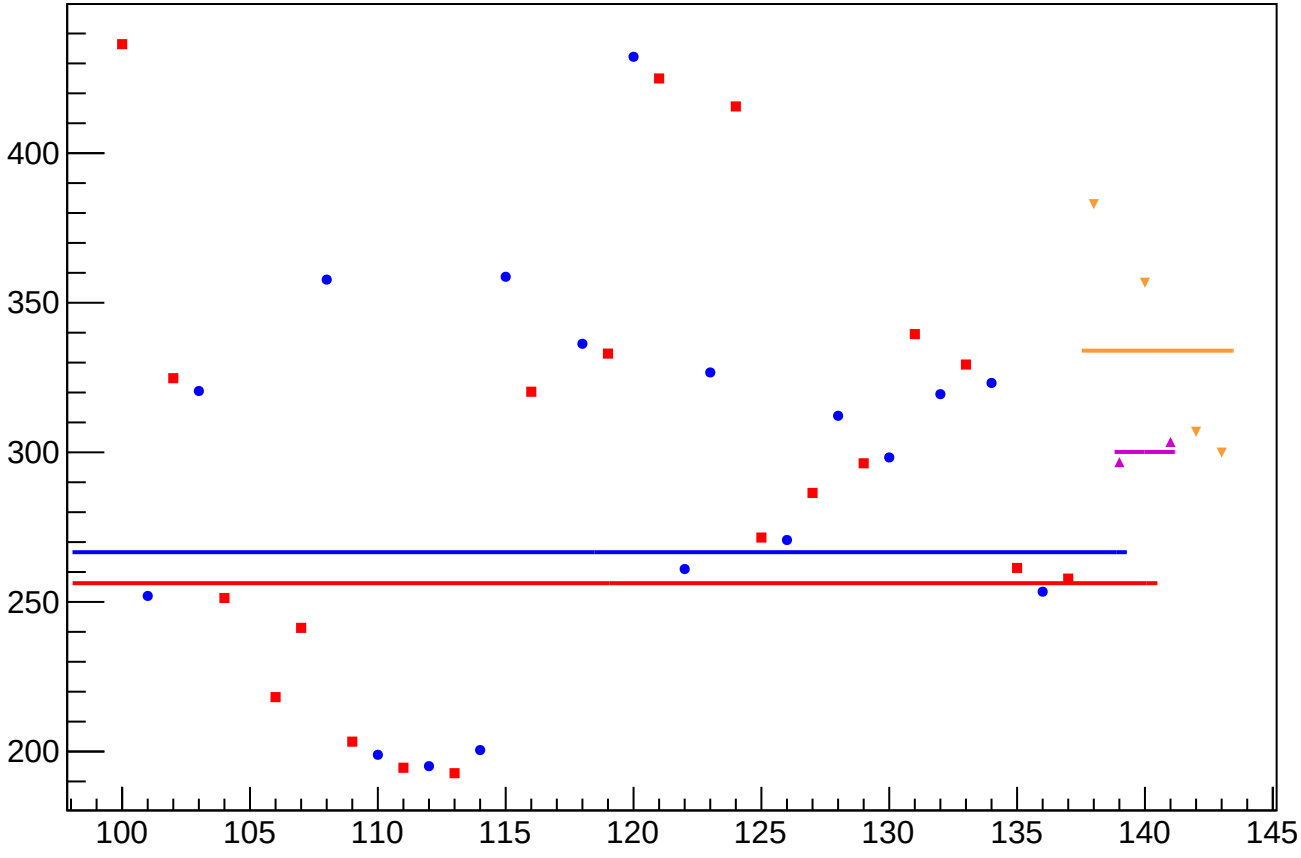
Left In: 7.757+/-236.075 χ^2/NDF:0.0/1

+ sign 103.504+/-94.101 χ^2/NDF: 22.0/20

All: -64.925+/-65.635 χ^2/NDF: 44.1/41

- sign -224.502+/-91.594 χ^2/NDF: 15.8/20

dit_asym_sam4_rms vs Slug



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

Left Out: 333.989+/-0.148 χ^2/NDF:53361.3/3

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

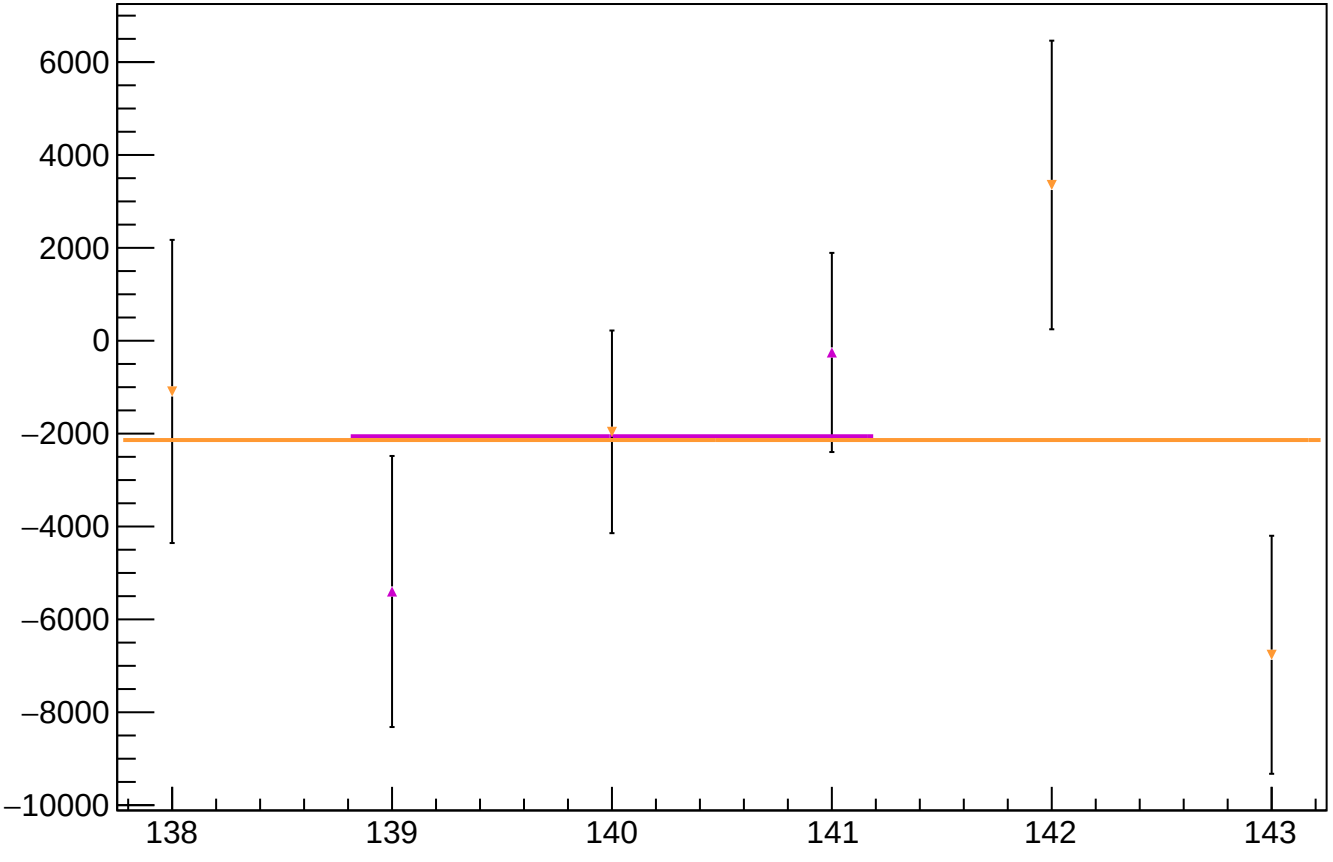
Left In: 300.138+/-0.167 χ^2/NDF:410.2/1

+ sign 280.229+/-0.067 χ^2/NDF: 769302.9/20

All: 271.316+/-0.046 χ^2/NDF: 1560217.1/41

- sign 262.872+/-0.065 χ^2/NDF: 755975.7/20

asym_sam4_correction_mean vs Slug



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

Left Out: -2138.219+/-1336.478 χ^2/NDF:6.5/3

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

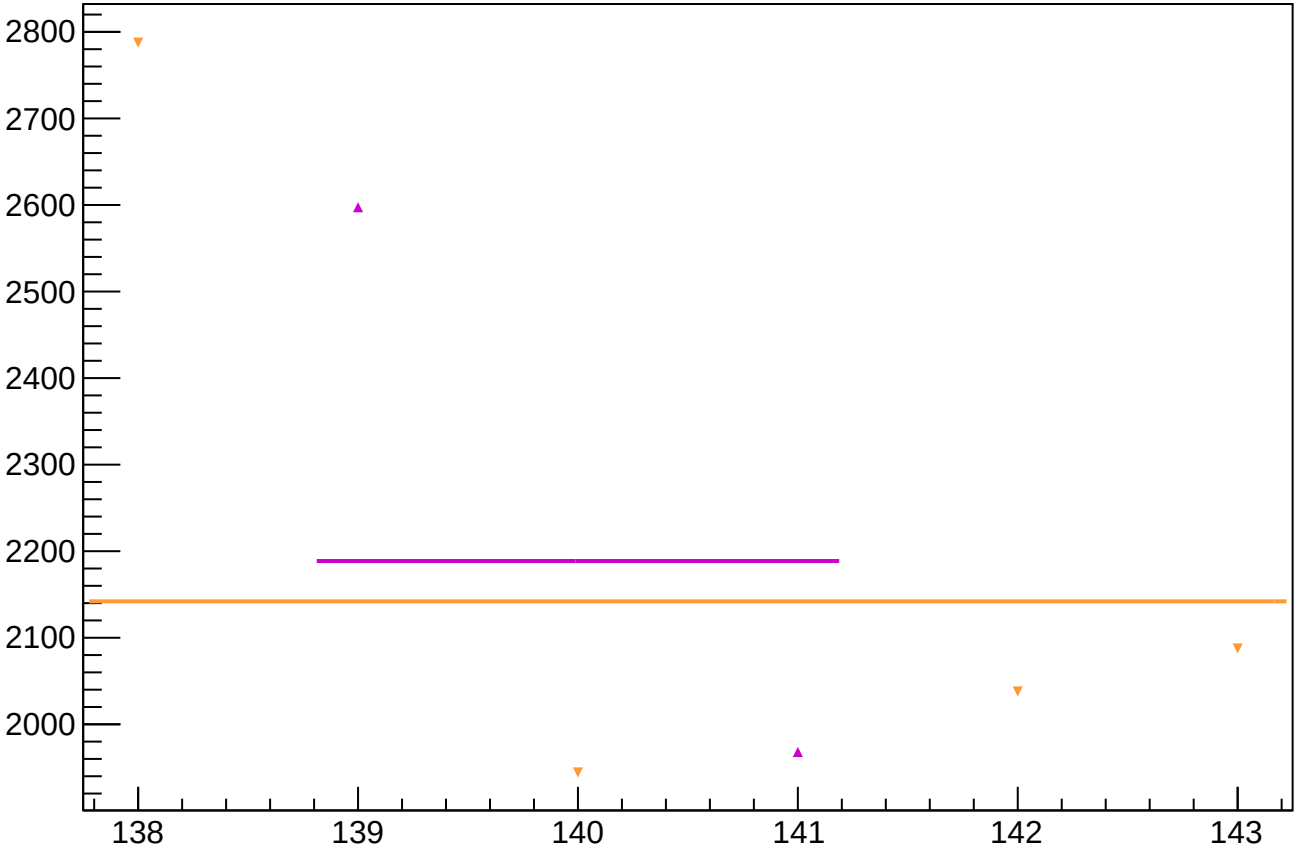
Left In: -2056.588+/-1727.887 χ^2/NDF:2.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2107.663+/-1057.152 χ^2/NDF: 8.5/5

- 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: 2142.032+/-0.945 χ^2/NDF:97802.9/3

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

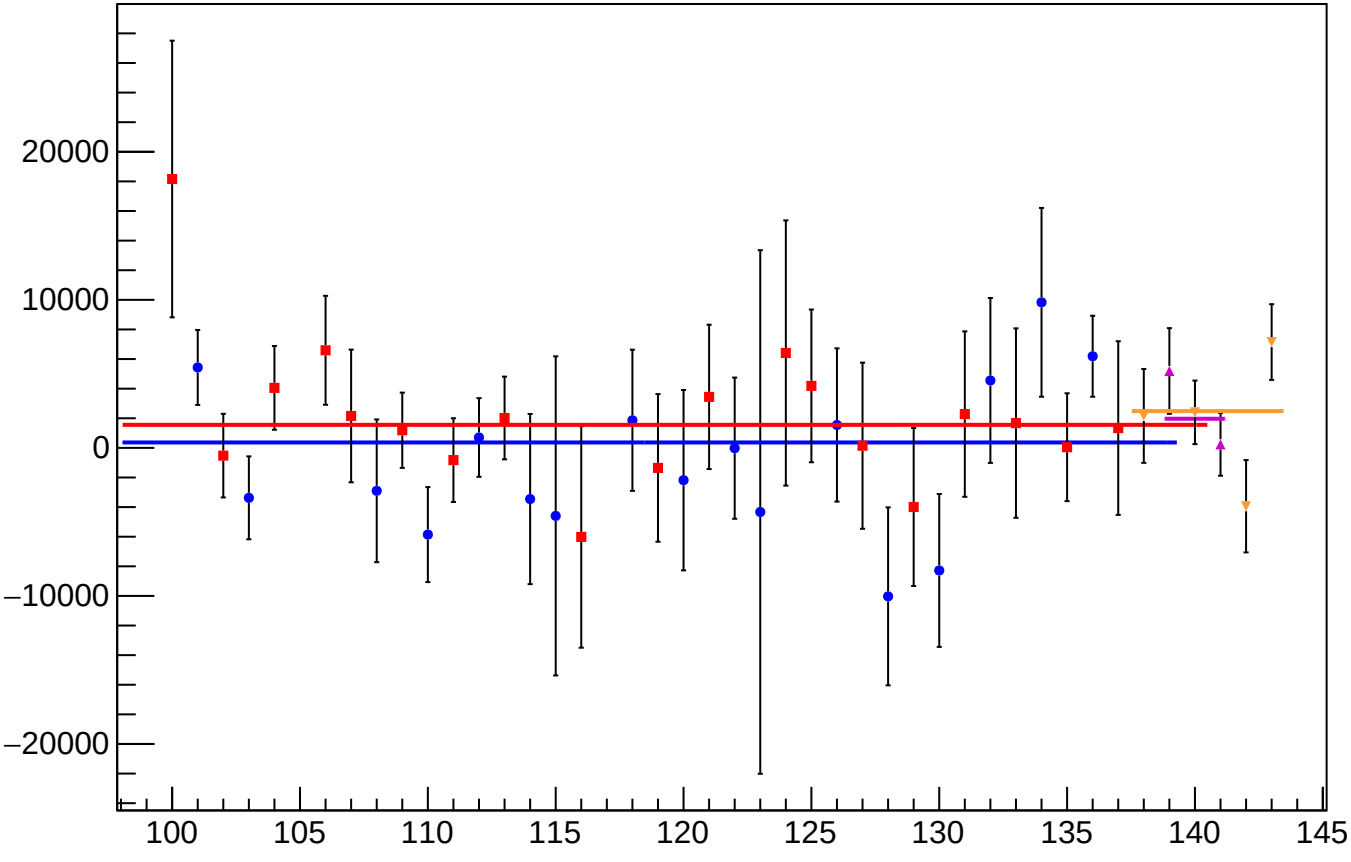
Left In: 2188.656+/-1.222 χ^2/NDF:60410.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2159.484+/-0.748 χ^2/NDF: 159124.3/5

- 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: 2487.155+/-1321.769 χ^2/NDF:7.6/3

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

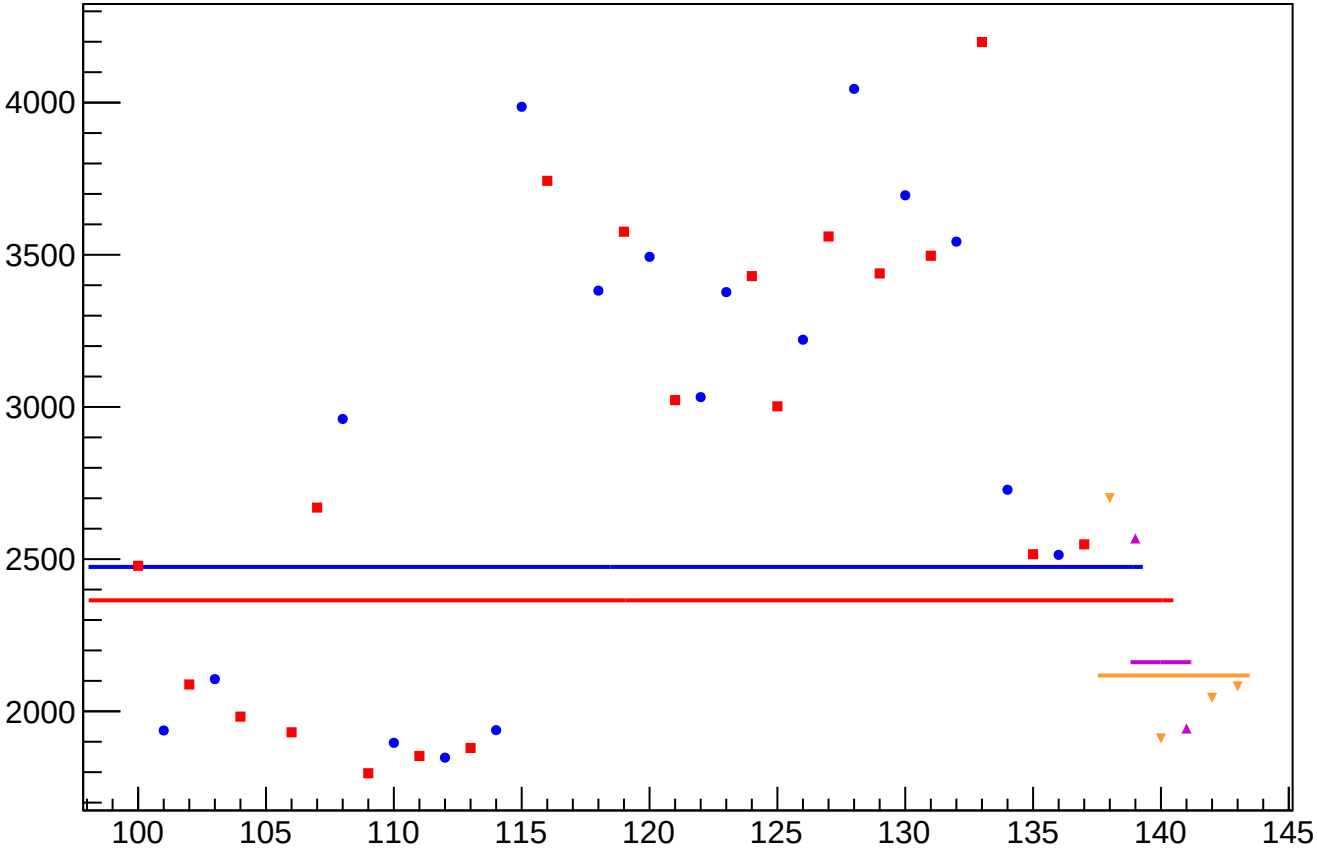
Left In: 1967.795+/-1709.948 χ^2/NDF:1.9/1

+ sign 1131.043+/-793.652 χ^2/NDF: 33.4/20

All: 1384.371+/-567.883 χ^2/NDF: 46.1/41

- sign 1650.142+/-812.910 χ^2/NDF: 12.5/20

asym_sam4_rms vs Slug



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

Left Out: 2117.667+/-0.935 χ^2/NDF:87654.8/3

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

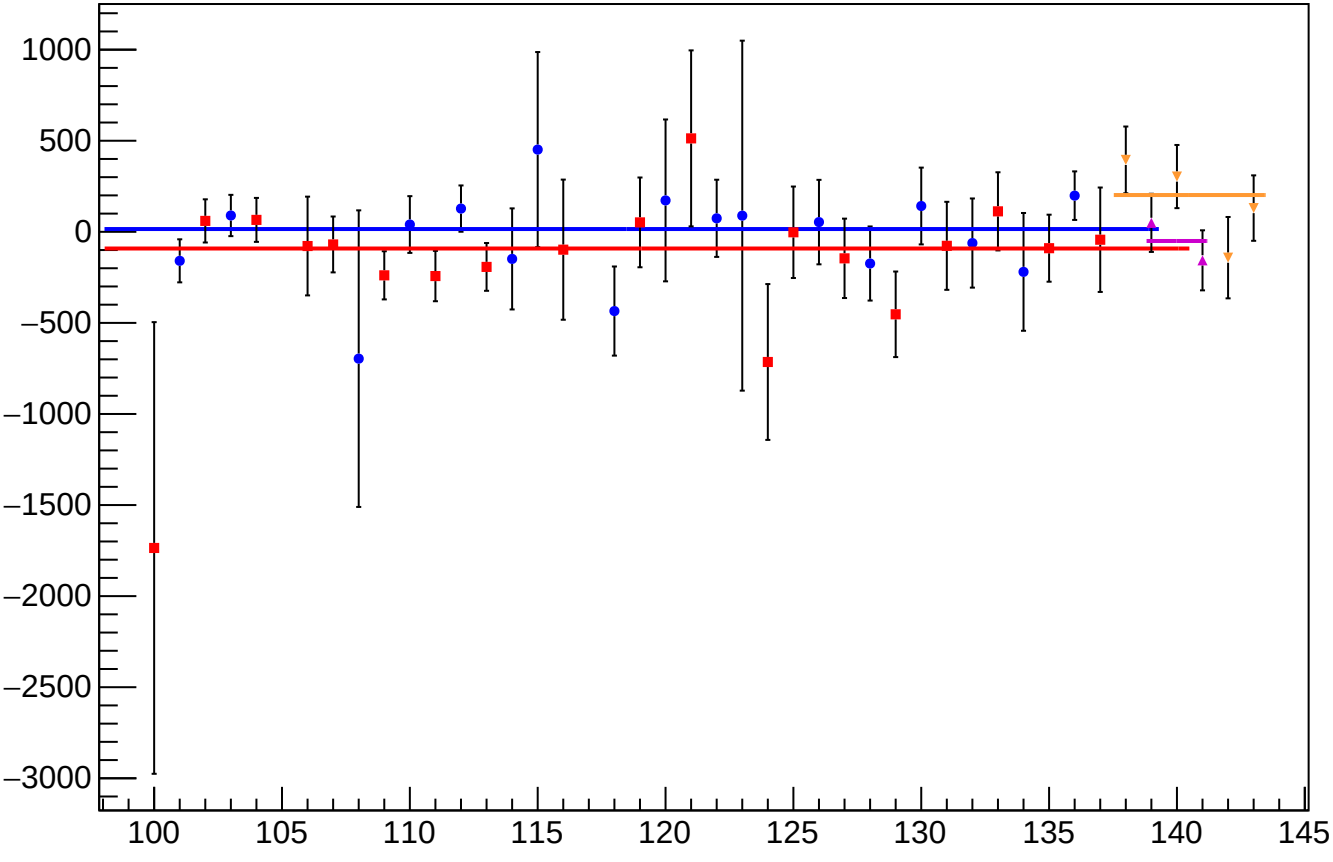
Left In: 2161.364+/-1.209 χ^2/NDF:60556.3/1

+ sign 2345.778+/-0.561 χ^2/NDF: 1087069.3/20

All: 2332.513+/-0.402 χ^2/NDF: 2194021.0/41

- sign 2318.596+/-0.575 χ^2/NDF: 1105806.8/20

dit_asym_sam5_mean vs Slug



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 201.976+/-93.633 χ^2/NDF:4.0/3

Right Out: -91.634+/-43.318 χ^2/NDF: 15.7/18

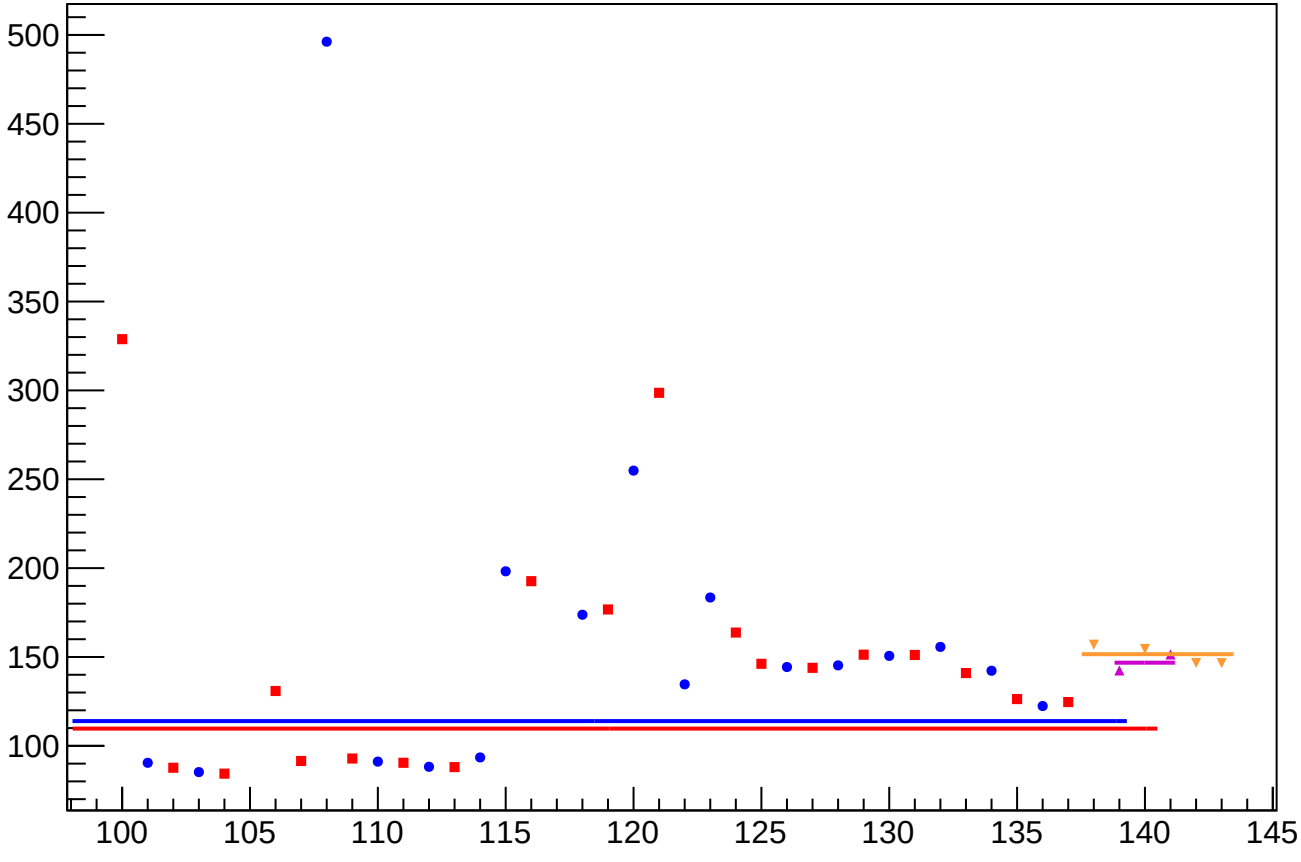
Left In: -50.330+/-114.688 χ^2/NDF:0.8/1

+ sign 52.162+/-41.606 χ^2/NDF: 19.7/20

All: -18.985+/-29.030 χ^2/NDF: 42.0/41

- sign -86.477+/-40.524 χ^2/NDF: 16.6/20

dit_asym_sam5_rms vs Slug



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 151.588+/-0.066 χ^2/NDF:4839.4/3

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

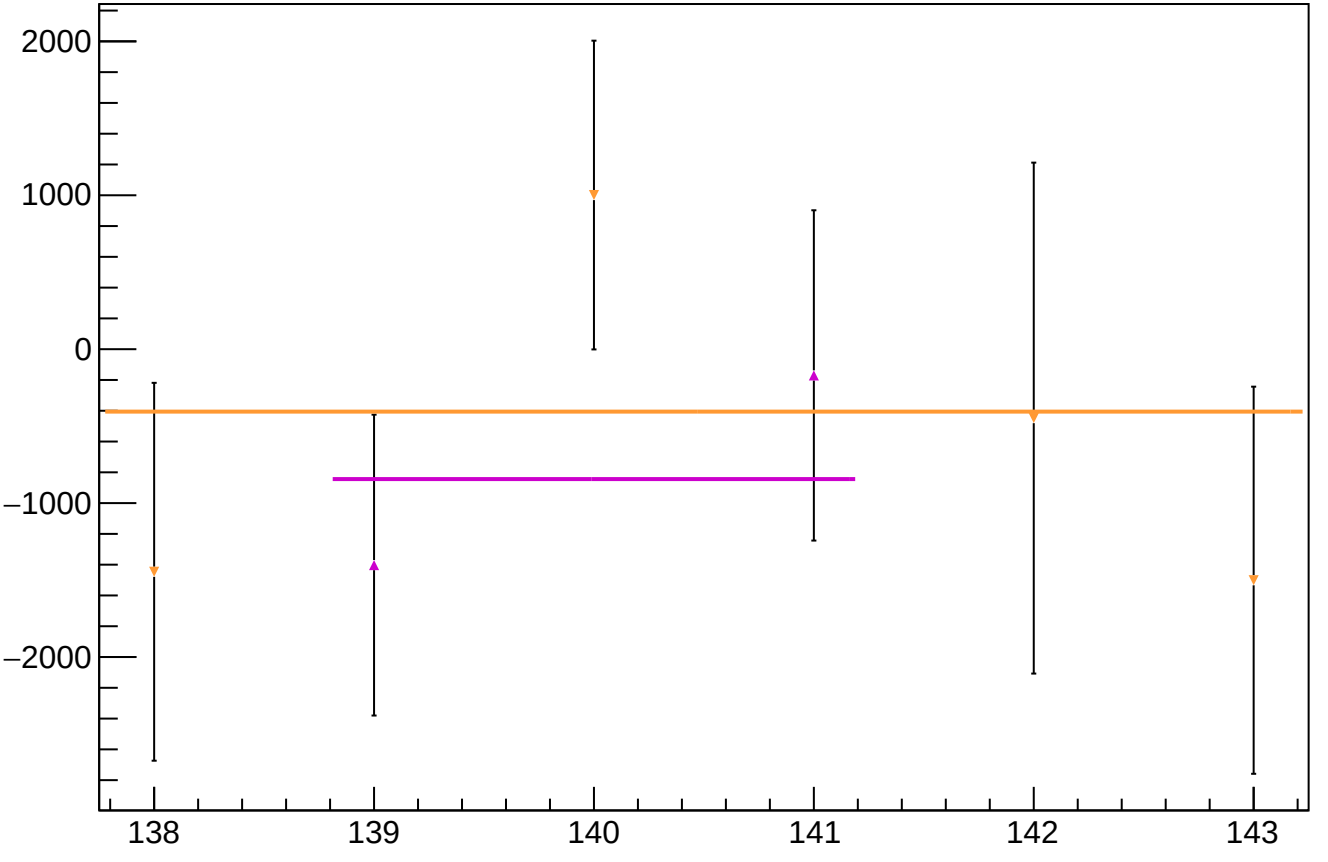
Left In: 146.792+/-0.081 χ^2/NDF:3066.6/1

+ sign 121.367+/-0.029 χ^2/NDF: 1672293.6/20

All: 117.761+/-0.021 χ^2/NDF: 3129646.4/41

- sign 114.339+/-0.029 χ^2/NDF: 1428070.3/20

asym_sam5_correction_mean vs Slug



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

Left Out: -405.542+/-613.948 χ^2/NDF:3.4/3

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

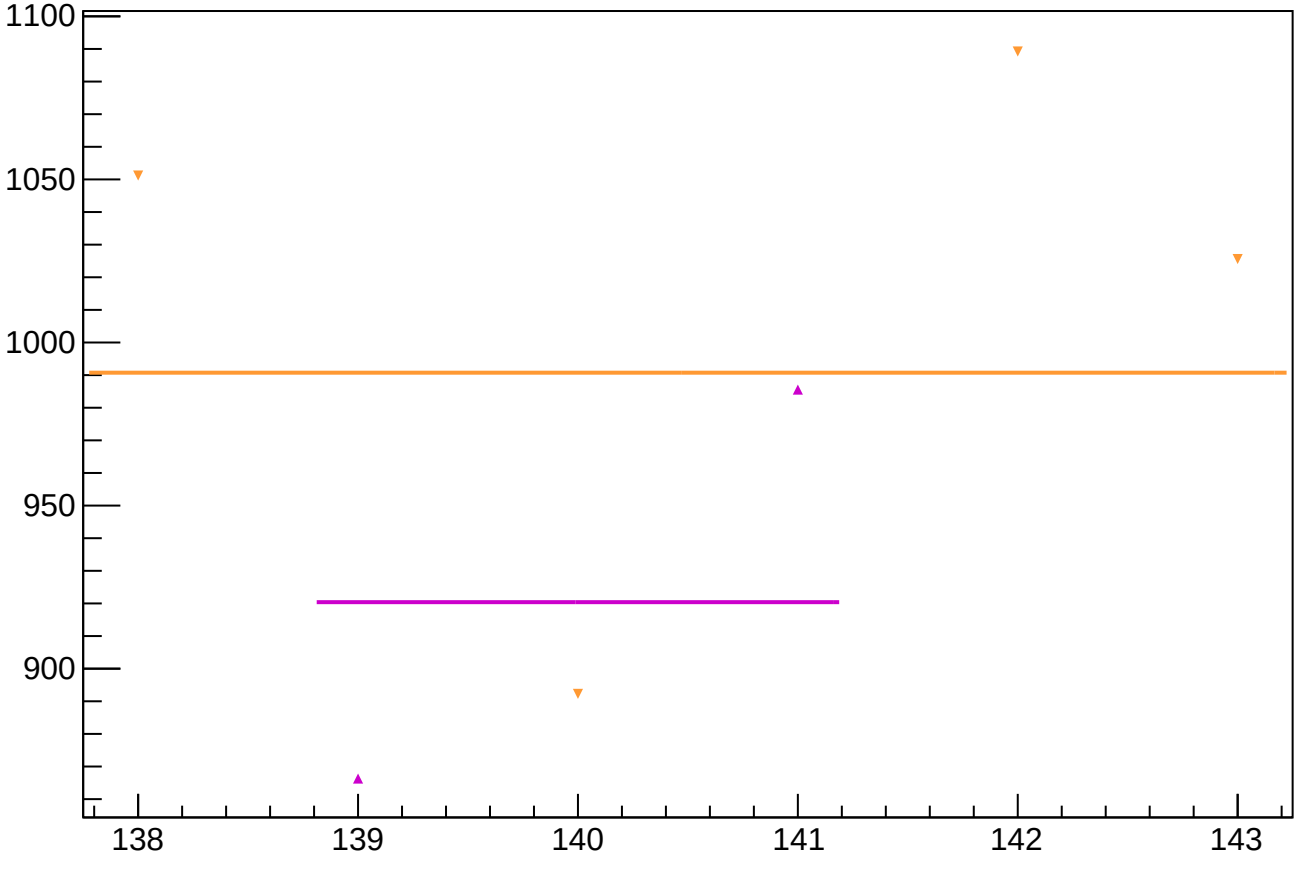
Left In: -843.917+/-722.565 χ^2/NDF:0.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -589.337+/-467.865 χ^2/NDF: 4.4/5

- 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: 990.746+/-0.434 χ^2/NDF:32703.1/3

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

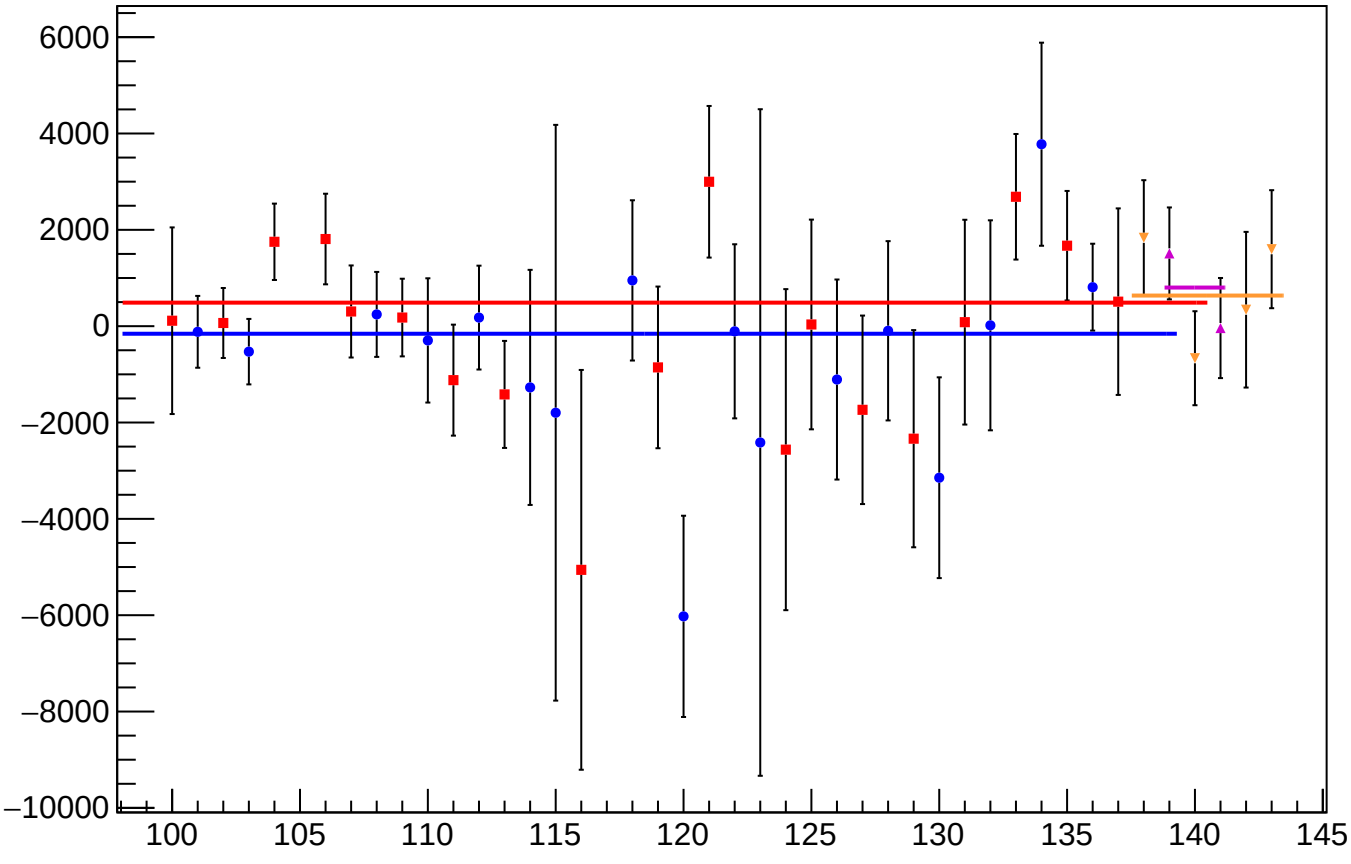
Left In: 920.390+/-0.511 χ^2/NDF:13500.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 961.248+/-0.331 χ^2/NDF: 57215.4/5

- 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: 635.716+/-597.738 χ^2/NDF:3.4/3

Right Out: 488.583+/-282.758 χ^2/NDF: 22.6/18

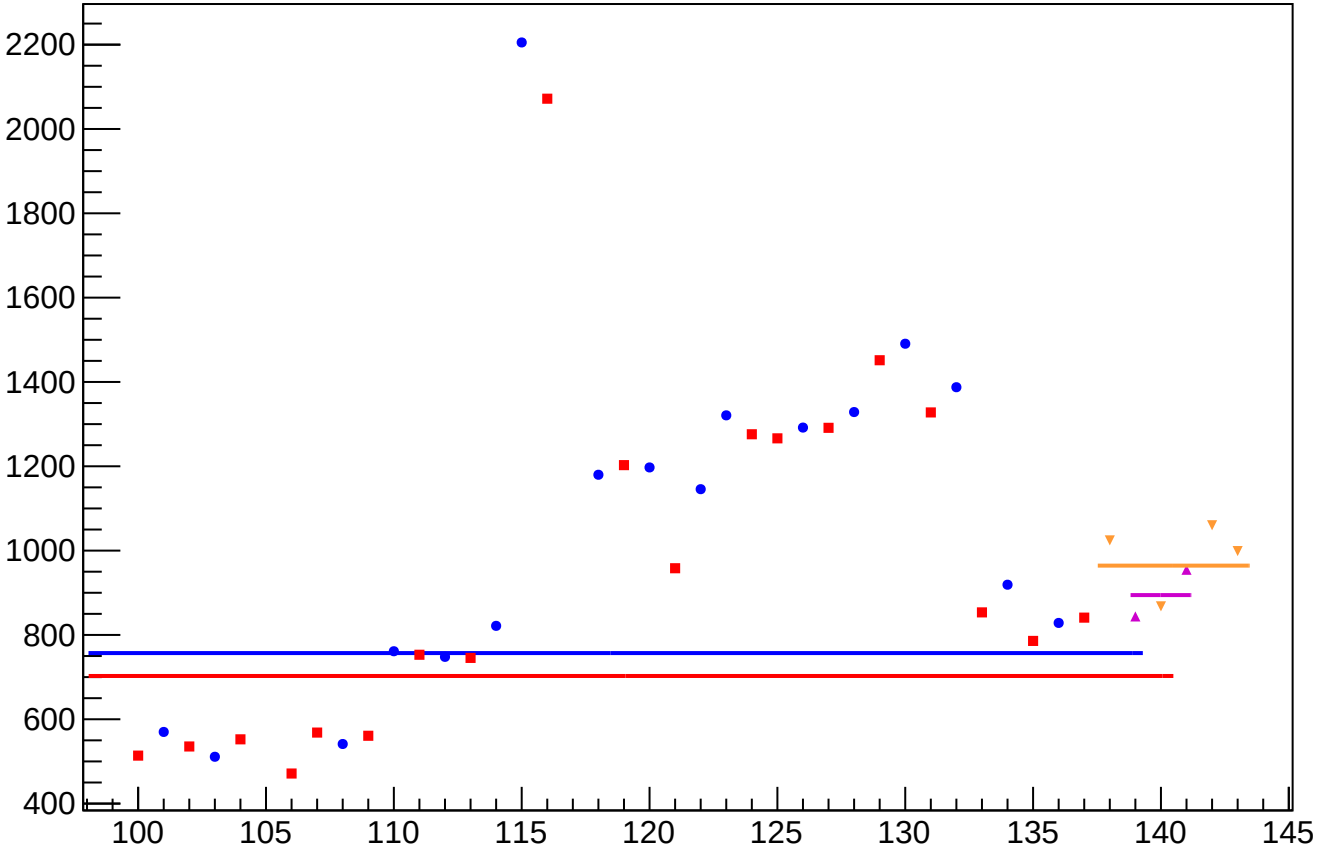
Left In: 801.757+/-702.954 χ^2/NDF:1.2/1

+ sign 13.019+/-276.936 χ^2/NDF: 21.1/20

All: 286.659+/-190.450 χ^2/NDF: 46.9/41

- sign 532.198+/-262.331 χ^2/NDF: 24.0/20

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 964.392+/-0.423 χ^2/NDF:33218.1/3

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

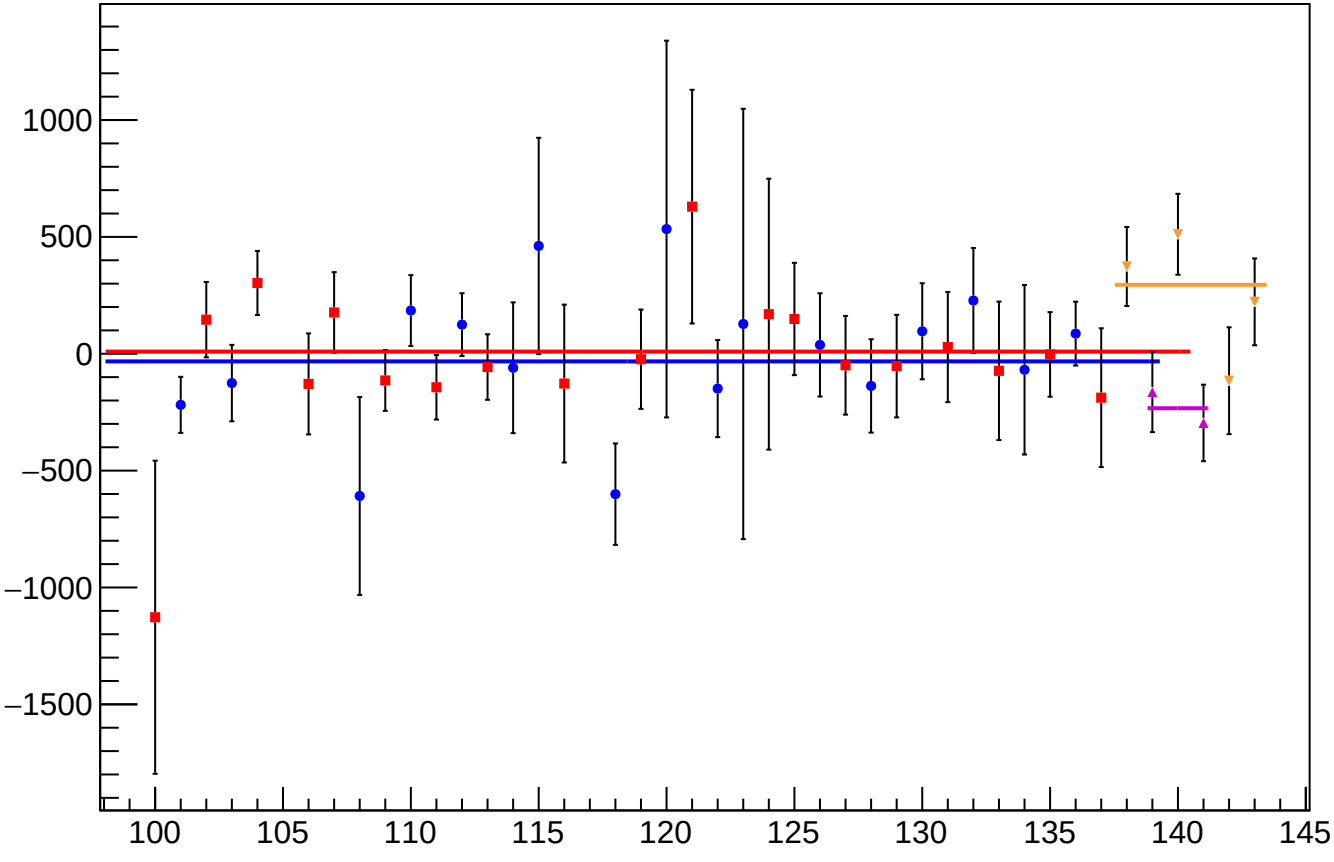
Left In: 894.528+/-0.497 χ^2/NDF:12309.8/1

+ sign 801.506+/-0.196 χ^2/NDF: 1933614.9/20

All: 763.489+/-0.135 χ^2/NDF: 3835264.0/41

- sign 729.377+/-0.185 χ^2/NDF: 1830142.8/20

dit_asym_sam6_mean vs Slug



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 294.948+/-92.674 χ^2/NDF:5.2/3

Right Out: 9.277+/-45.600 χ^2/NDF: 14.7/18

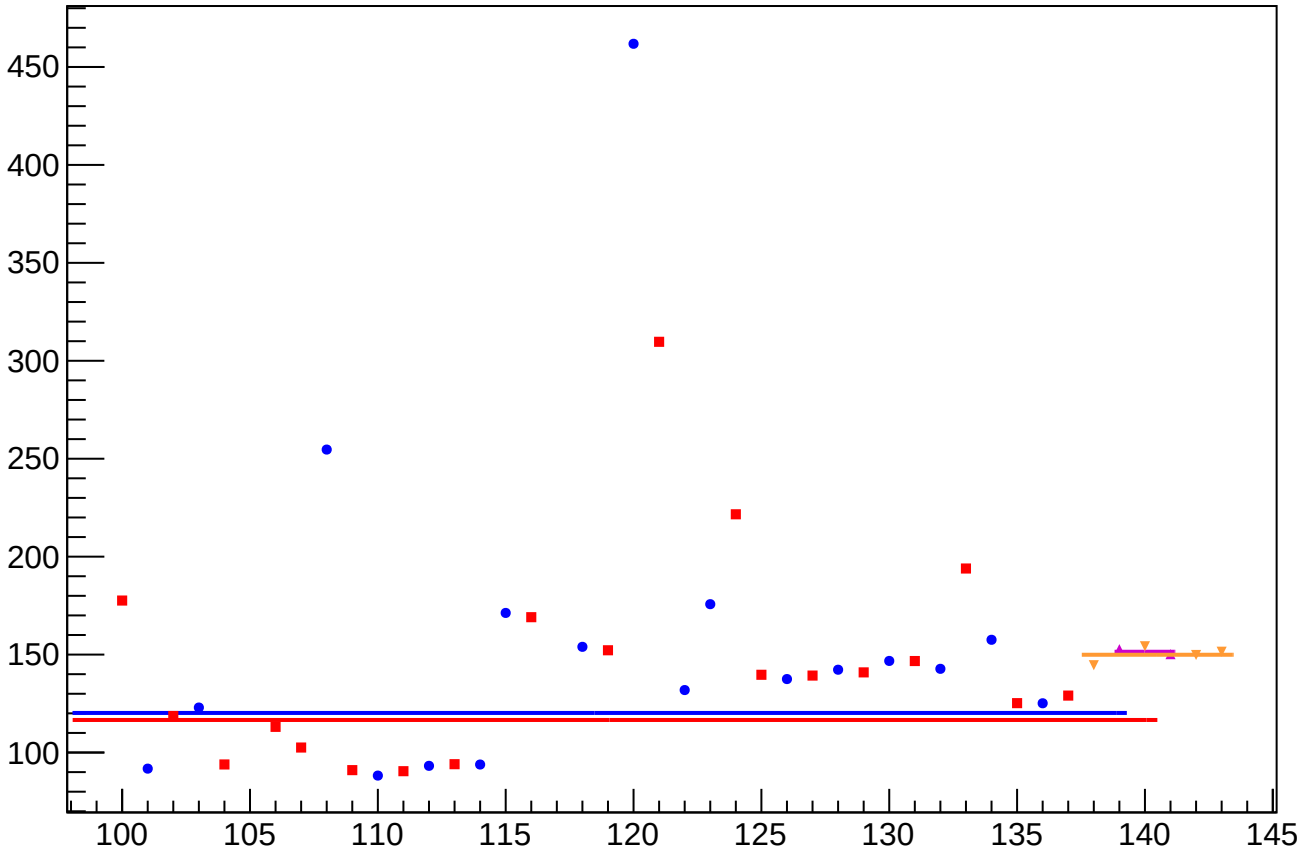
Left In: -233.057+/-118.299 χ^2/NDF:0.3/1

+ sign 37.591+/-42.923 χ^2/NDF: 34.7/20

All: 7.498+/-30.218 χ^2/NDF: 54.3/41

- sign -22.071+/-42.548 χ^2/NDF: 18.7/20

dit_asym_sam6_rms vs Slug



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 149.917+/-0.066 χ^2/NDF:3389.4/3

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

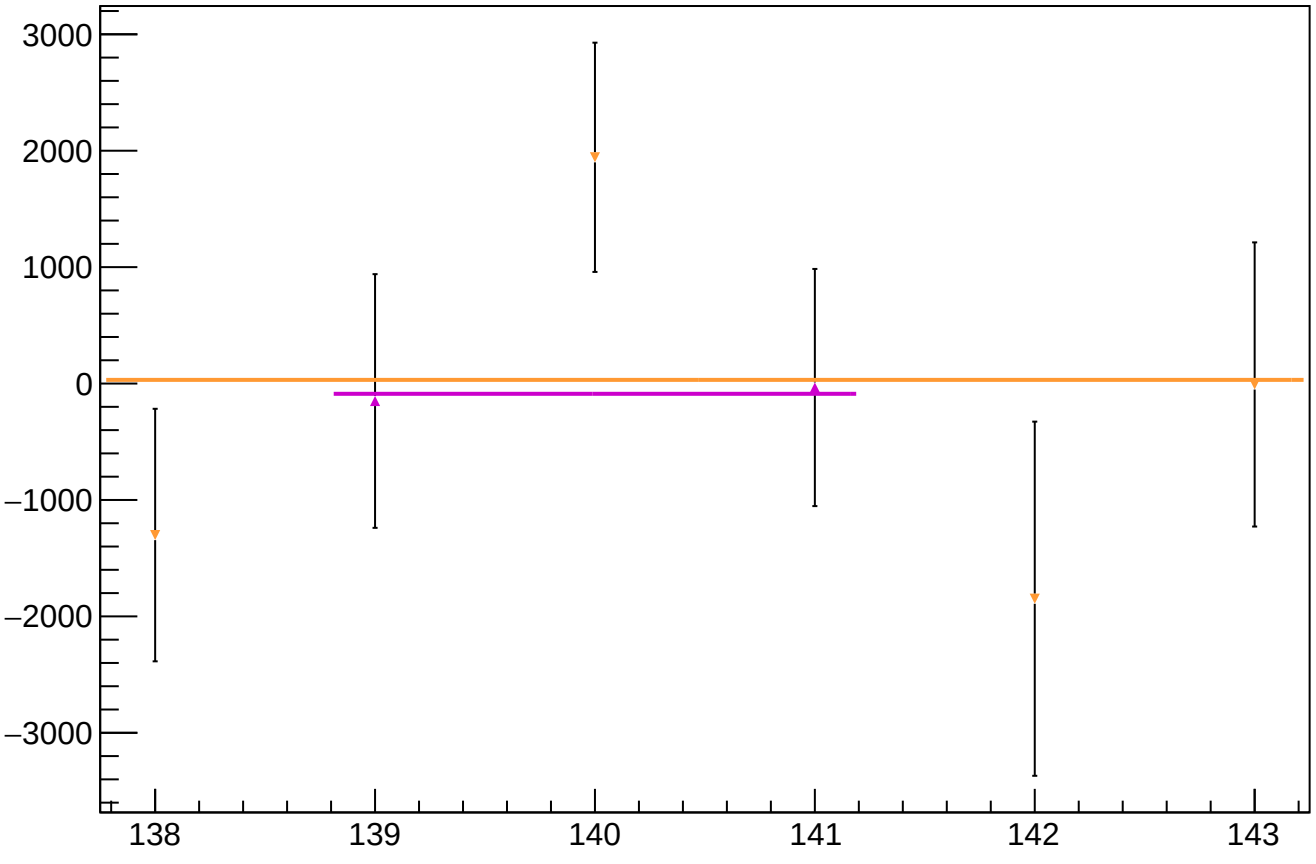
Left In: 151.445+/-0.084 χ^2/NDF:234.9/1

+ sign 126.580+/-0.030 χ^2/NDF: 1227176.7/20

All: 123.828+/-0.021 χ^2/NDF: 2392585.5/41

- sign 121.123+/-0.030 χ^2/NDF: 1149103.8/20

asym_sam6_correction_mean vs Slug



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

Left Out: 31.552+/-578.779 χ^2/NDF:6.8/3

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

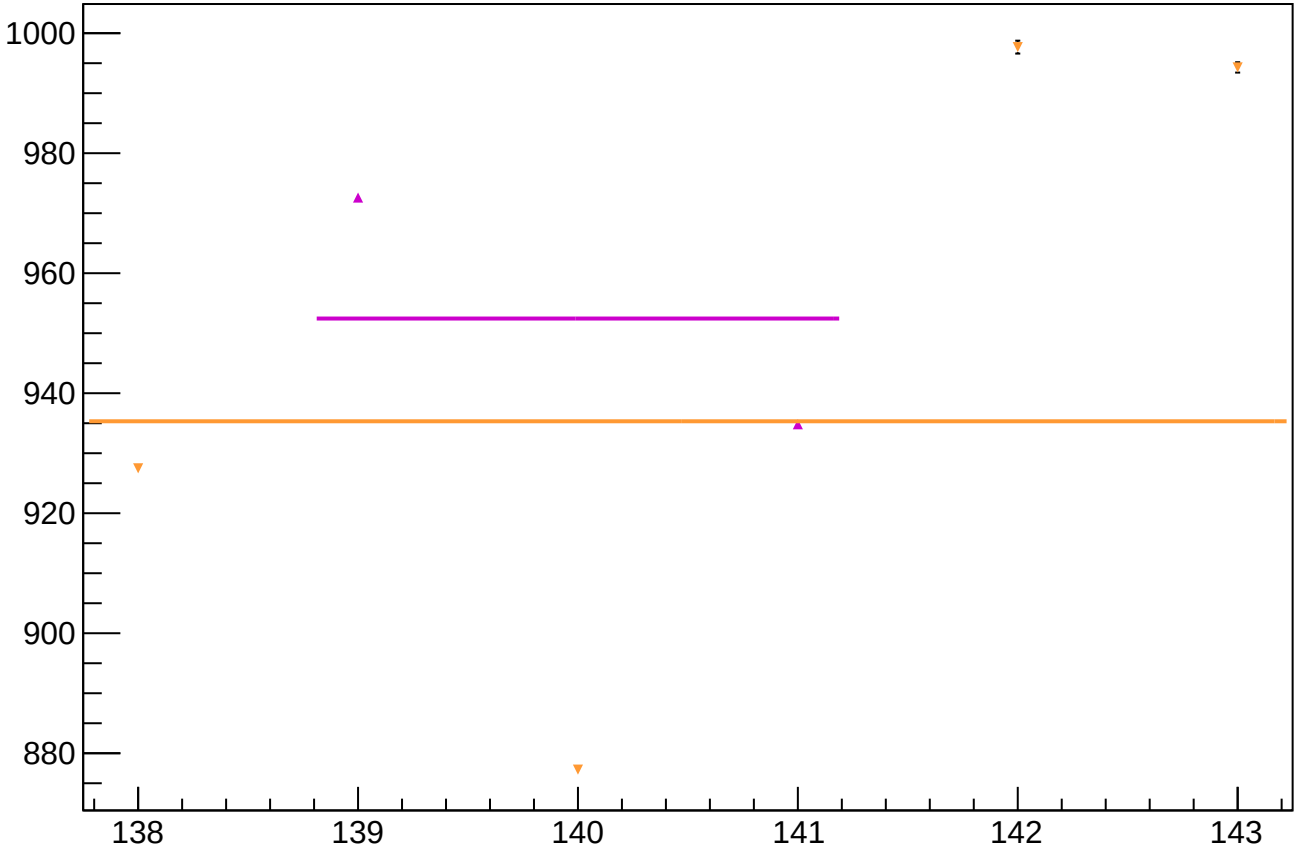
Left In: -88.087+/-744.074 χ^2/NDF:0.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.548+/-456.844 χ^2/NDF: 6.8/5

- 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: 935.324+/-0.409 χ^2/NDF:15087.9/3

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

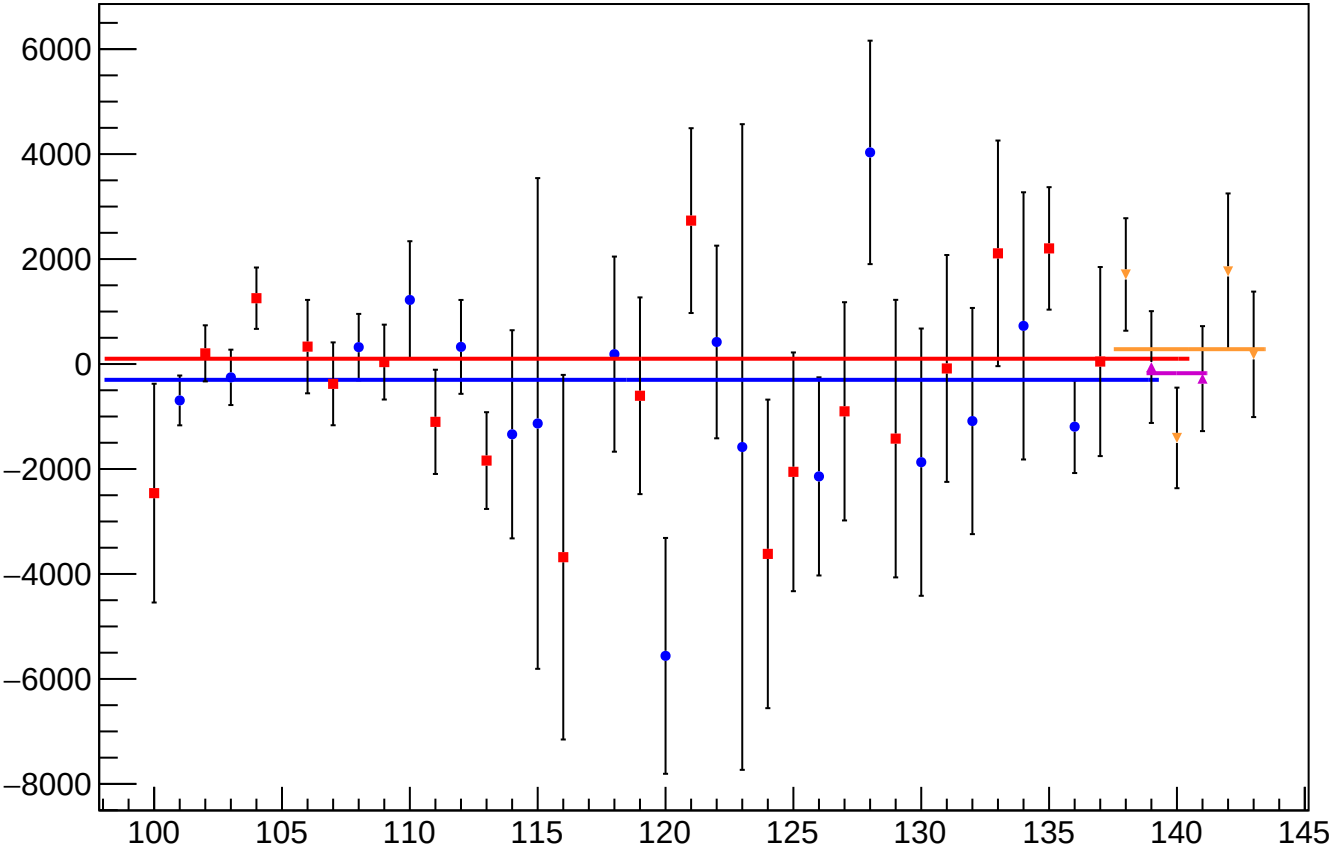
Left In: 952.446+/-0.526 χ^2/NDF:1283.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 941.779+/-0.323 χ^2/NDF: 17031.0/5

- 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: 282.883+/-566.810 χ^2/NDF:5.9/3

Right Out: 100.857+/-245.981 χ^2/NDF: 22.5/18

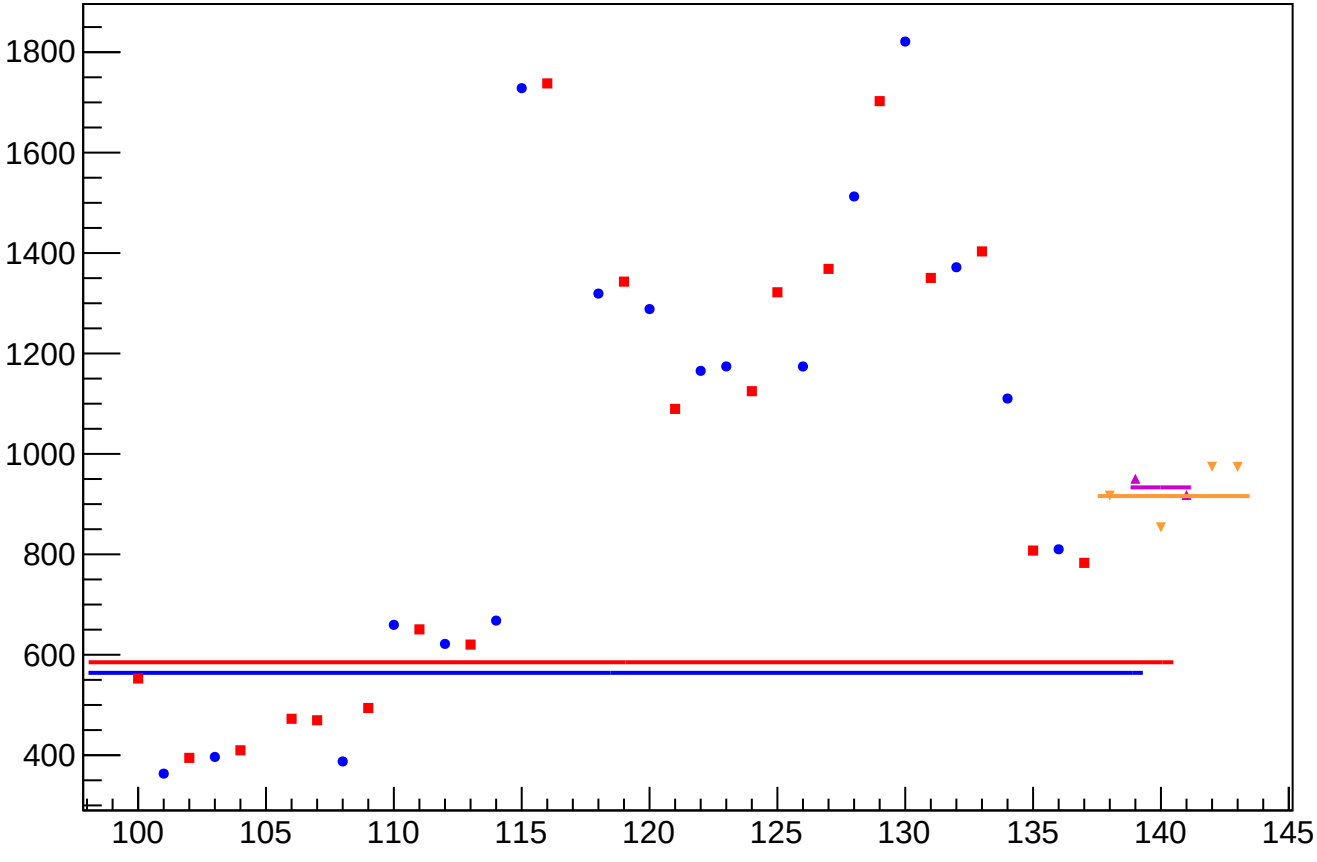
Left In: -174.817+/-729.123 χ^2/NDF:0.0/1

+ sign -205.884+/-228.771 χ^2/NDF: 23.6/20

All: -69.194+/-163.266 χ^2/NDF: 47.0/41

- sign 72.687+/-233.075 χ^2/NDF: 22.7/20

asym_sam6_rms vs Slug



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 916.055+/-0.401 χ^2/NDF:16272.8/3

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

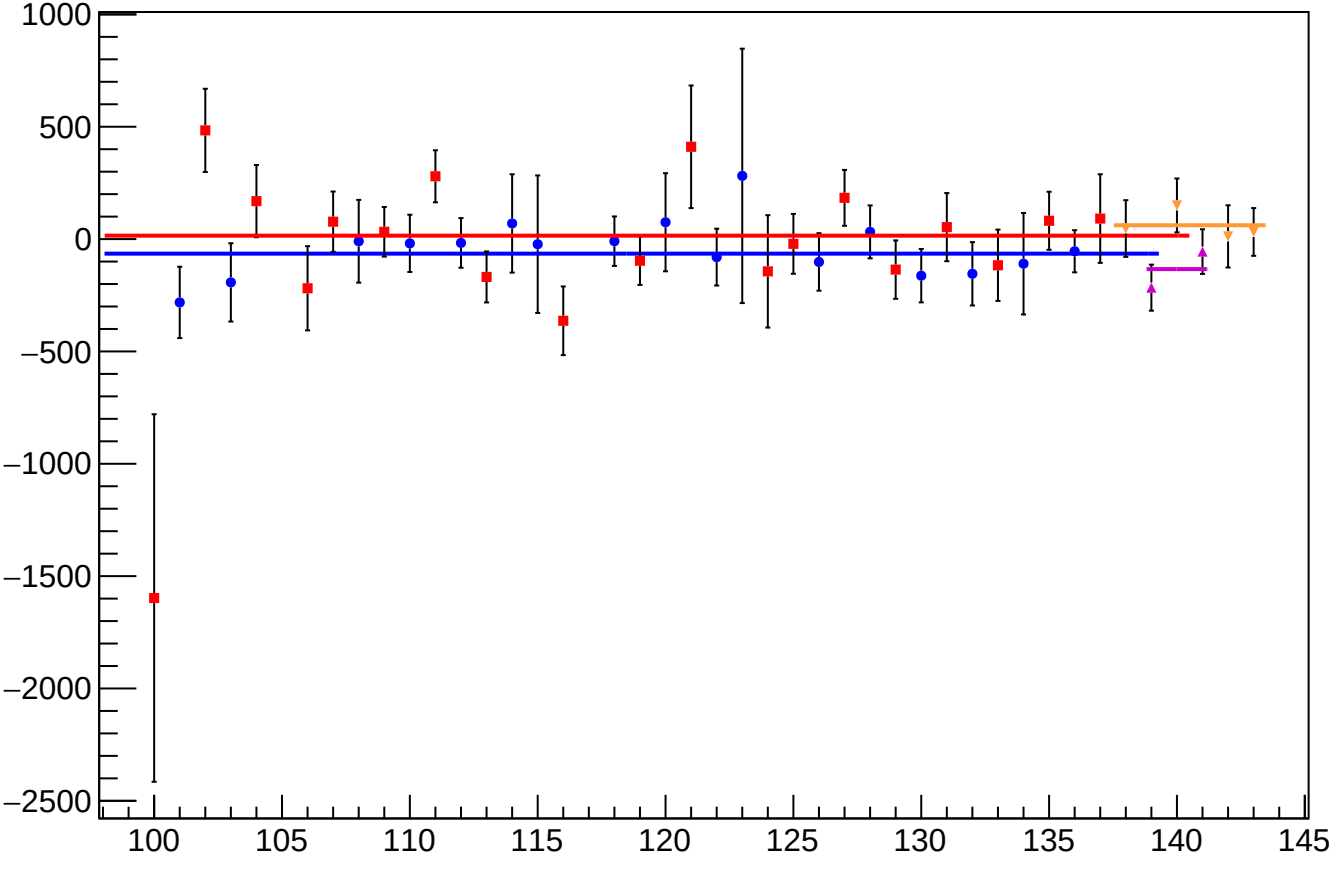
Left In: 933.320+/-0.516 χ^2/NDF:981.5/1

+ sign 621.353+/-0.162 χ^2/NDF: 3923631.4/20

All: 621.011+/-0.115 χ^2/NDF: 7155096.9/41

- sign 620.656+/-0.165 χ^2/NDF: 3231456.4/20

dit_asym_sam7_mean vs Slug



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 61.550+/-60.508 χ^2/NDF:0.8/3

Right Out: 15.294+/-33.422 χ^2/NDF: 35.0/18

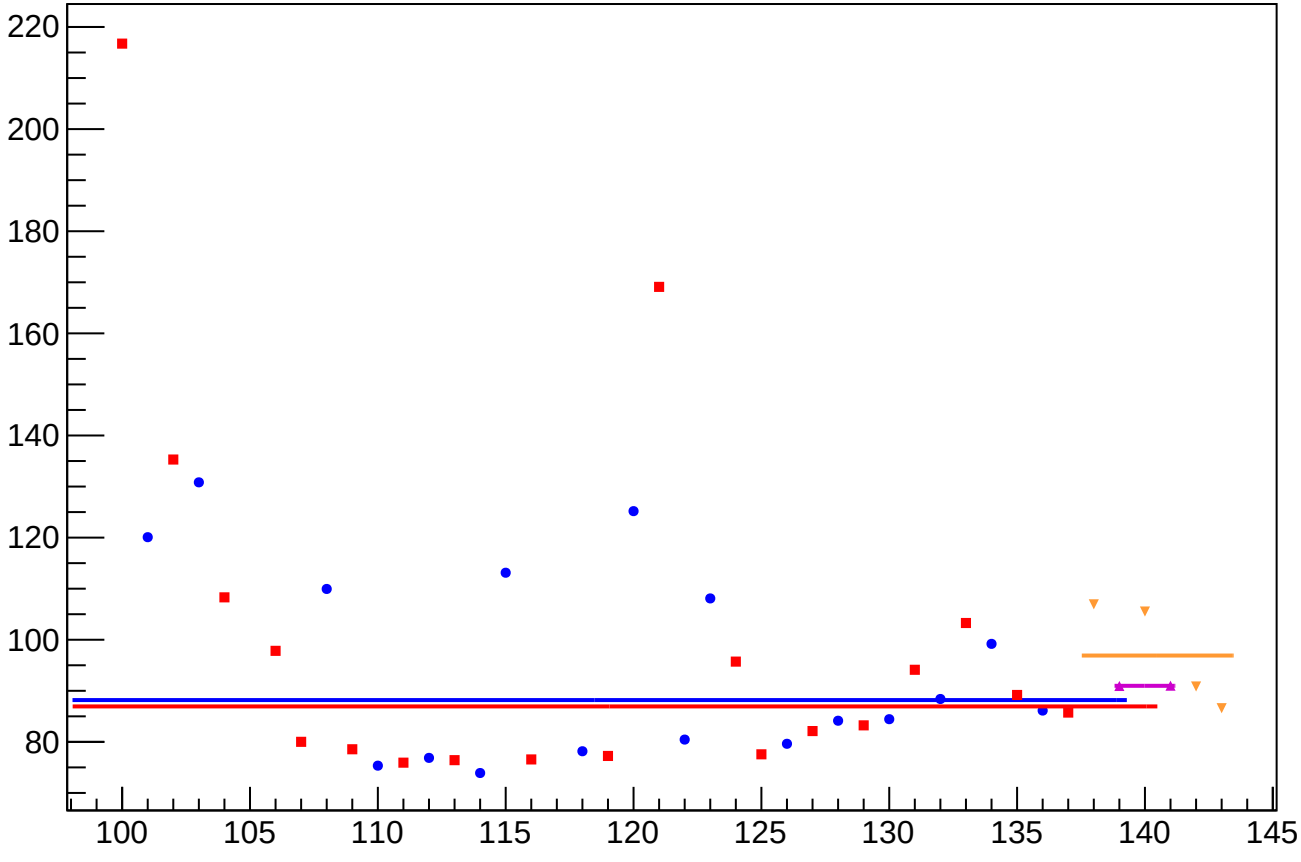
Left In: -133.567+/-71.335 χ^2/NDF:1.3/1

+ sign -33.624+/-30.055 χ^2/NDF: 10.2/20

All: -22.639+/-21.326 χ^2/NDF: 50.3/41

- sign -11.501+/-30.265 χ^2/NDF: 39.8/20

dit_asym_sam7_rms vs Slug



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 96.907+/-0.043 χ^2/NDF:45639.1/3

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

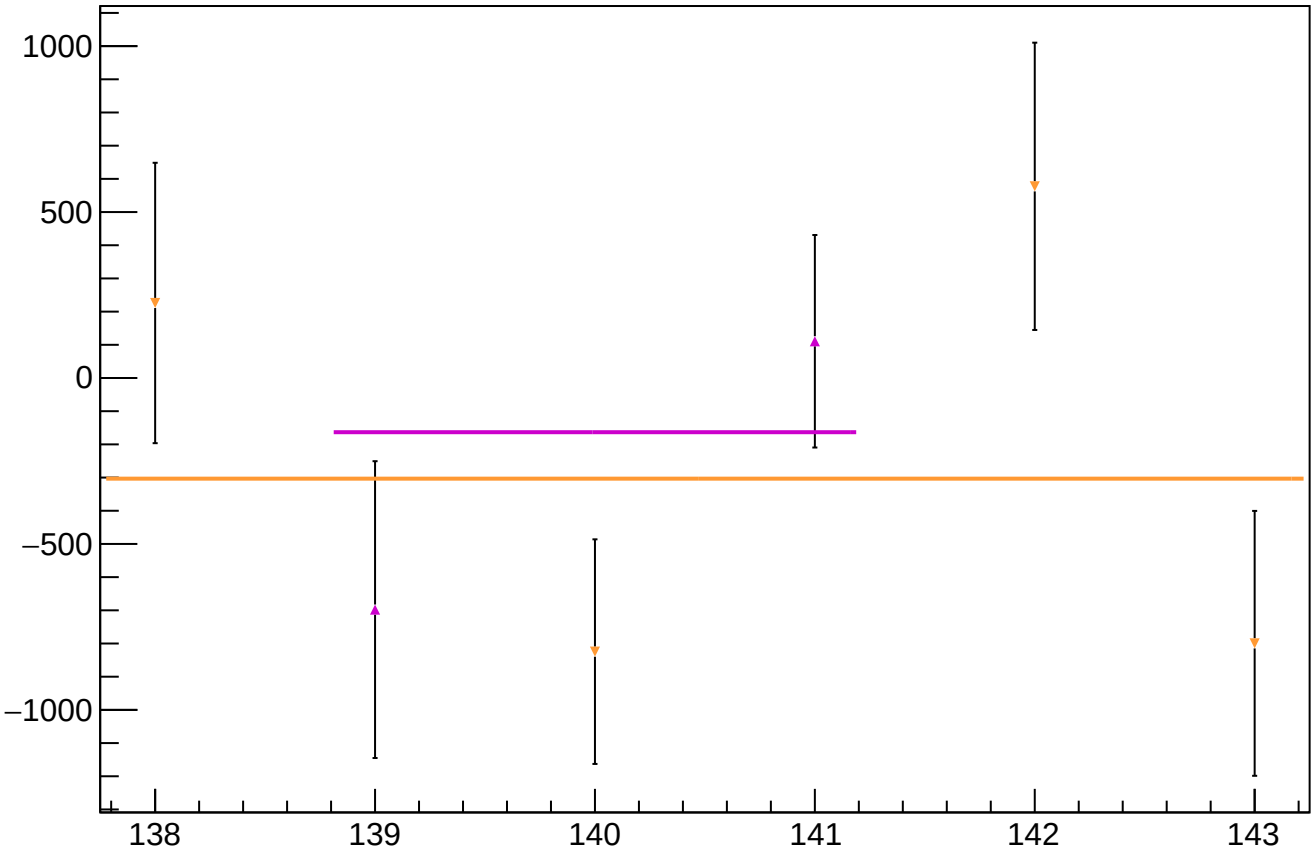
Left In: 90.978+/-0.050 χ^2/NDF:0.3/1

+ sign 90.338+/-0.021 χ^2/NDF: 471383.6/20

All: 89.013+/-0.015 χ^2/NDF: 1015820.6/41

- sign 87.669+/-0.021 χ^2/NDF: 536608.3/20

asym_sam7_correction_mean vs Slug



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

Left Out: -303.274+/-196.283 χ^2/NDF:9.6/3

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

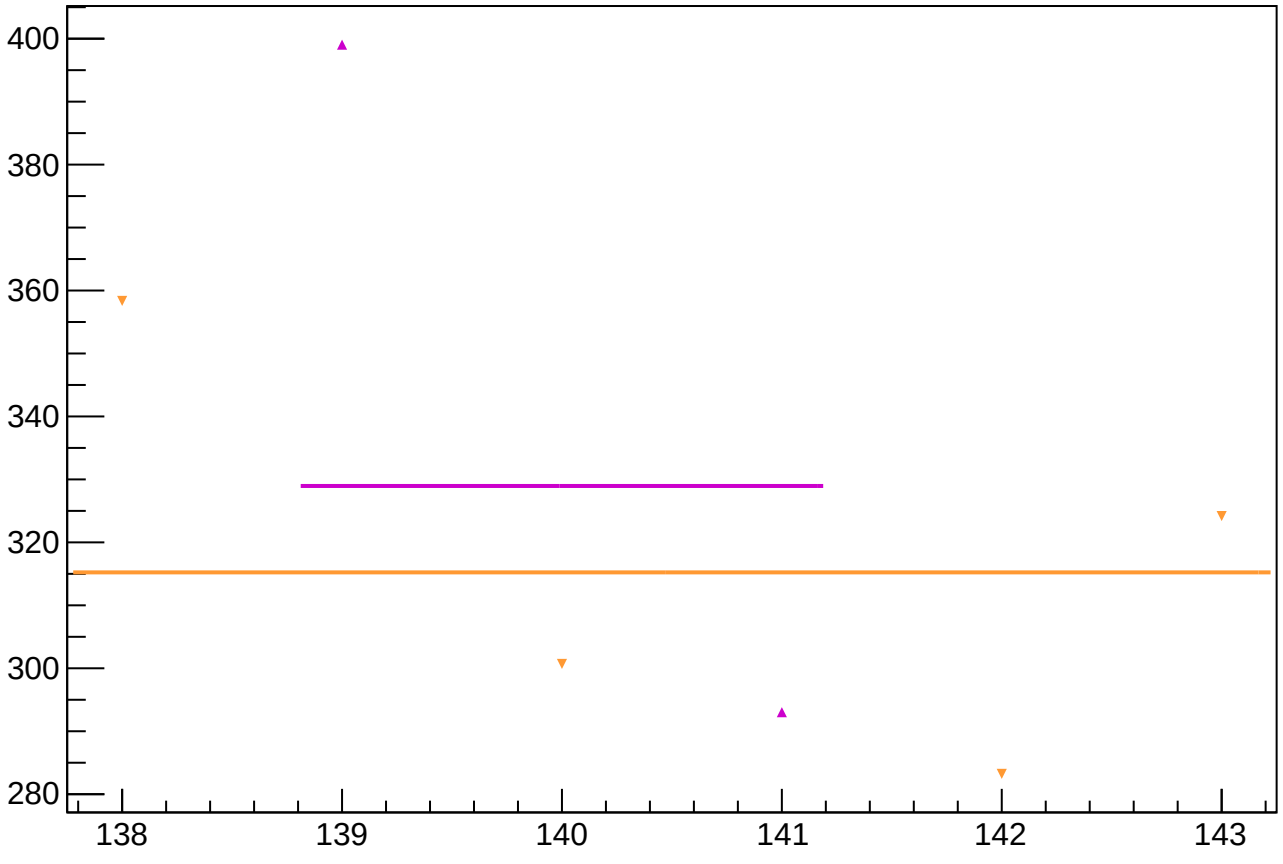
Left In: -163.321+/-260.323 χ^2/NDF:2.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -252.547+/-156.725 χ^2/NDF: 12.0/5

- 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: 315.233+/-0.139 χ^2/NDF:36470.1/3

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

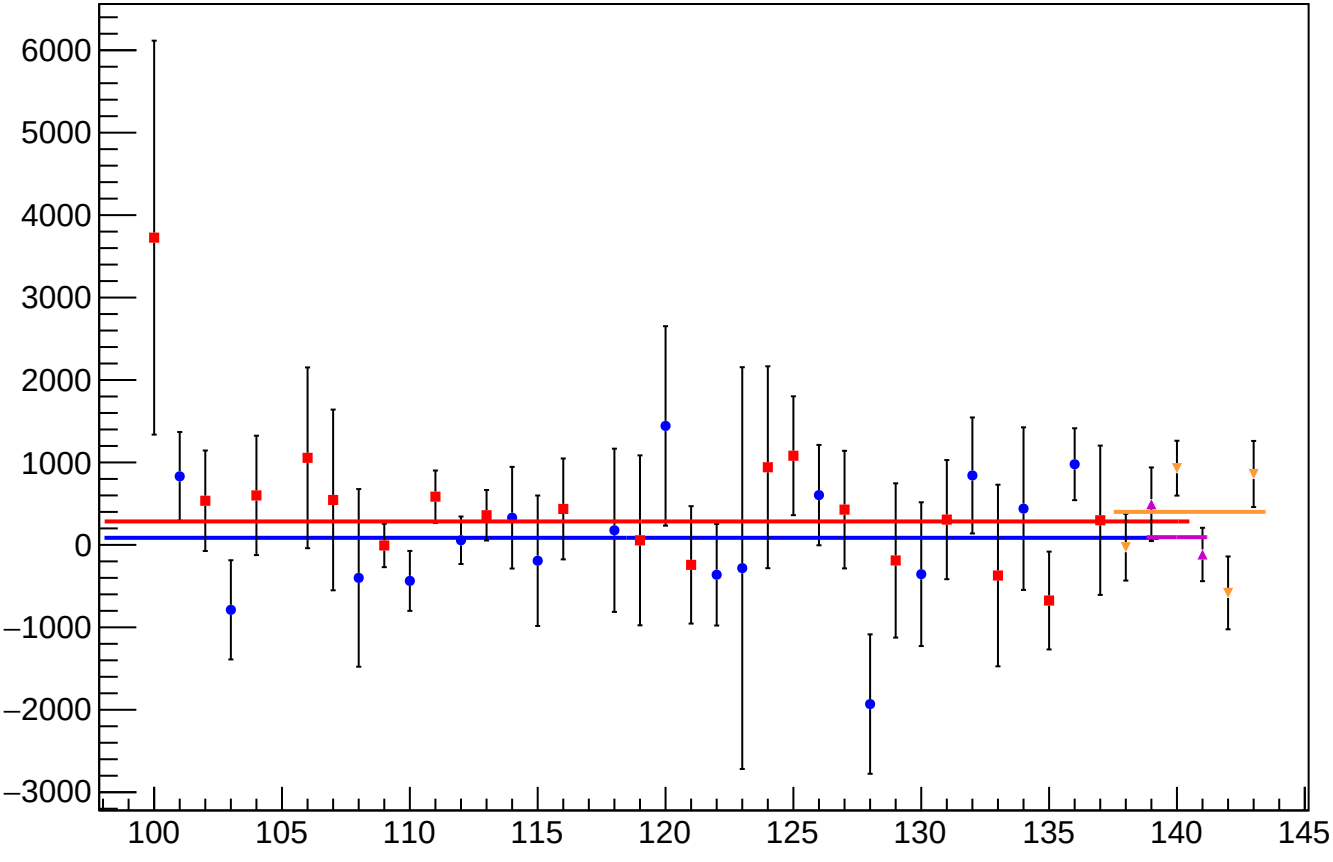
Left In: 328.958+/-0.184 χ^2/NDF:74328.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 320.208+/-0.111 χ^2/NDF: 114343.2/5

- 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: 400.340+/-194.387 χ^2/NDF:9.9/3

Right Out: 284.456+/-129.599 χ^2/NDF: 10.6/18

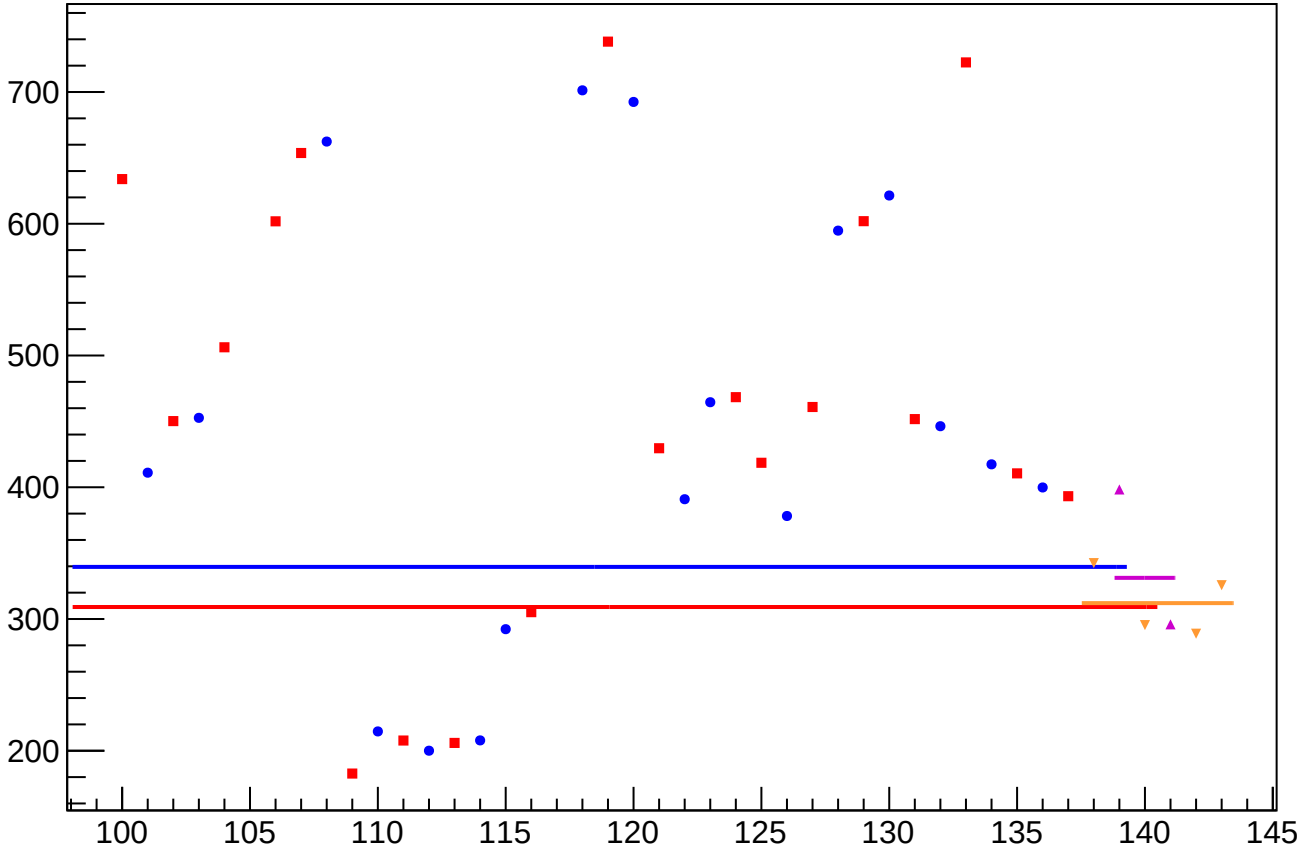
Left In: 93.613+/-262.030 χ^2/NDF:1.2/1

+ sign 195.855+/-114.980 χ^2/NDF: 32.2/20

All: 221.138+/-81.719 χ^2/NDF: 44.5/41

- sign 246.947+/-116.167 χ^2/NDF: 12.2/20

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 312.057+/-0.137 χ^2/NDF:24080.0/3

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

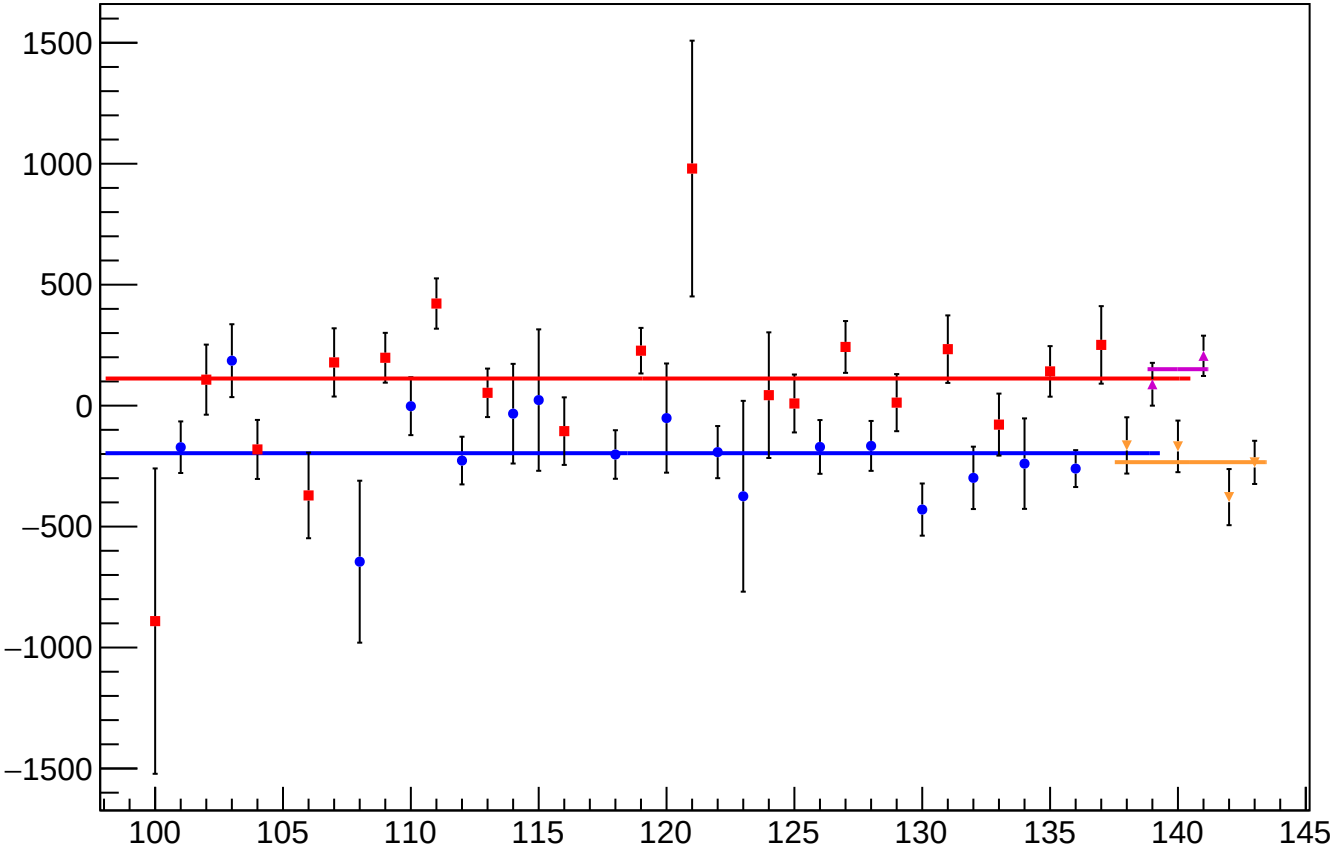
Left In: 331.240+/-0.185 χ^2/NDF:68957.3/1

+ sign 329.933+/-0.081 χ^2/NDF: 2092339.1/20

All: 321.779+/-0.058 χ^2/NDF: 4923397.0/41

- sign 313.455+/-0.082 χ^2/NDF: 2810732.7/20

dit_asym_sam8_mean vs Slug



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -233.672+/-52.583 χ^2/NDF:2.3/3

Right Out: 112.097+/-29.622 χ^2/NDF: 39.3/18

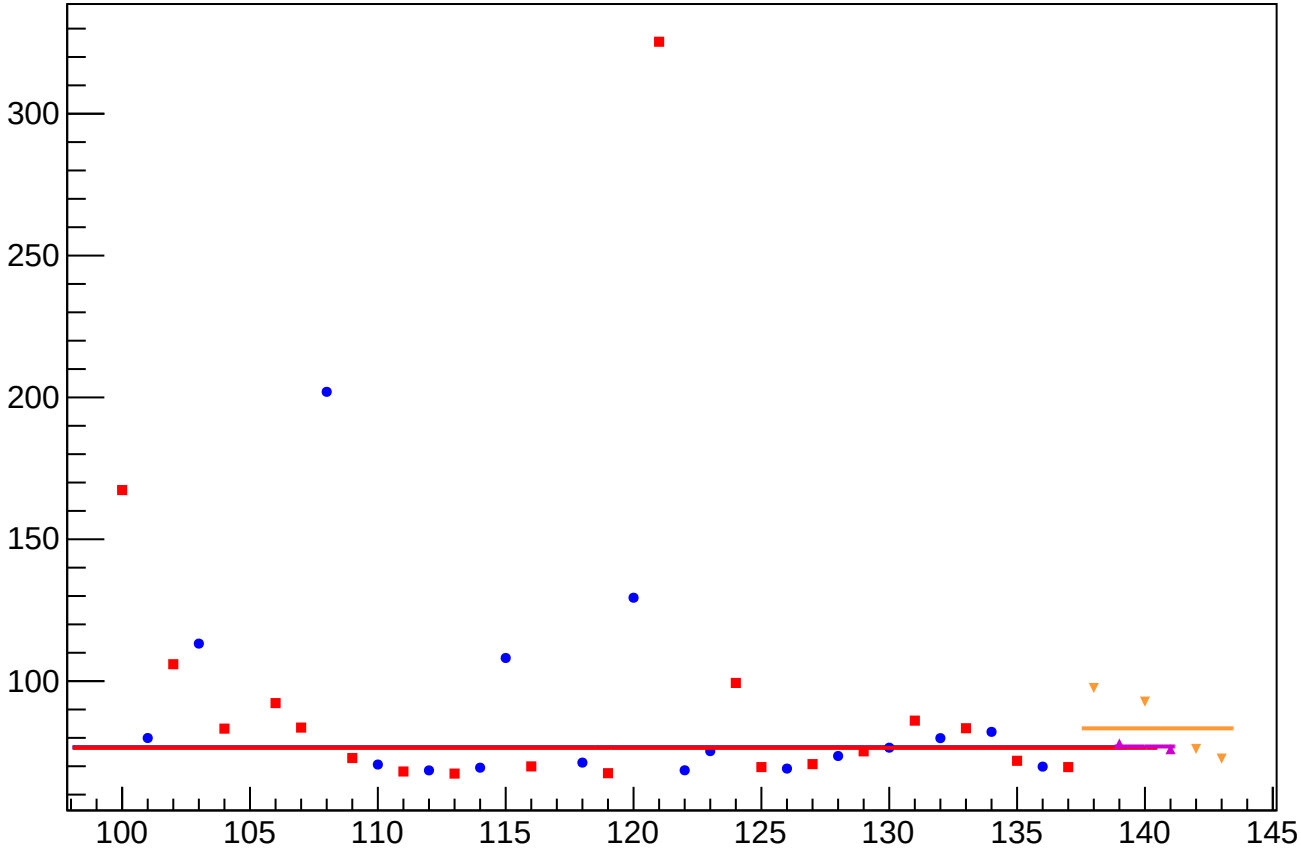
Left In: 150.672+/-60.661 χ^2/NDF:0.9/1

+ sign -205.886+/-26.318 χ^2/NDF: 21.7/20

All: -45.026+/-18.715 χ^2/NDF: 137.9/41

- sign 119.525+/-26.618 χ^2/NDF: 40.6/20

dit_asym_sam8_rms vs Slug



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 83.360+/-0.037 χ^2/NDF:81838.2/3

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

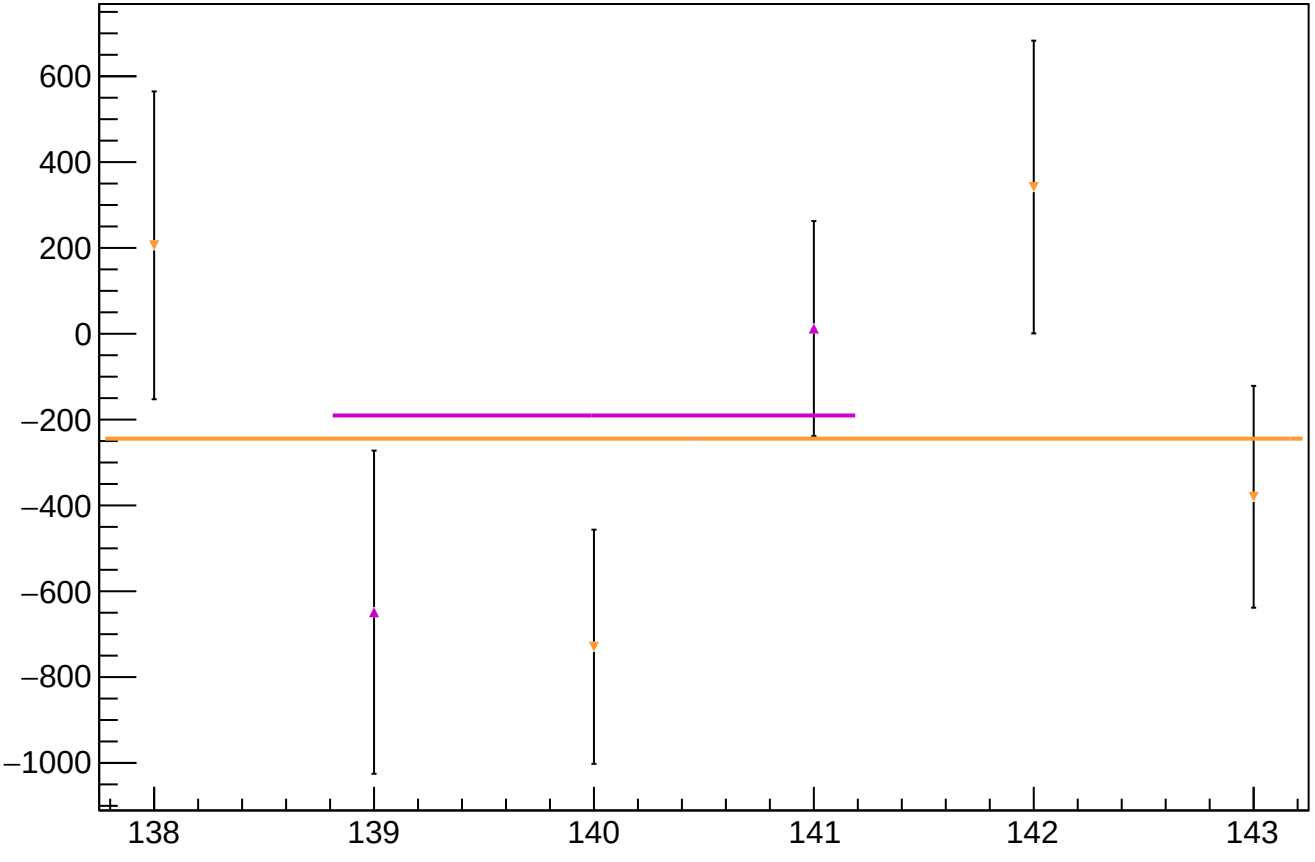
Left In: 76.962+/-0.043 χ^2/NDF:553.9/1

+ sign 78.363+/-0.019 χ^2/NDF: 706293.5/20

All: 77.477+/-0.013 χ^2/NDF: 1410888.1/41

- sign 76.572+/-0.019 χ^2/NDF: 700018.2/20

asym_sam8_correction_mean vs Slug



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

Left Out: -244.411+/-149.446 χ^2/NDF:8.0/3

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

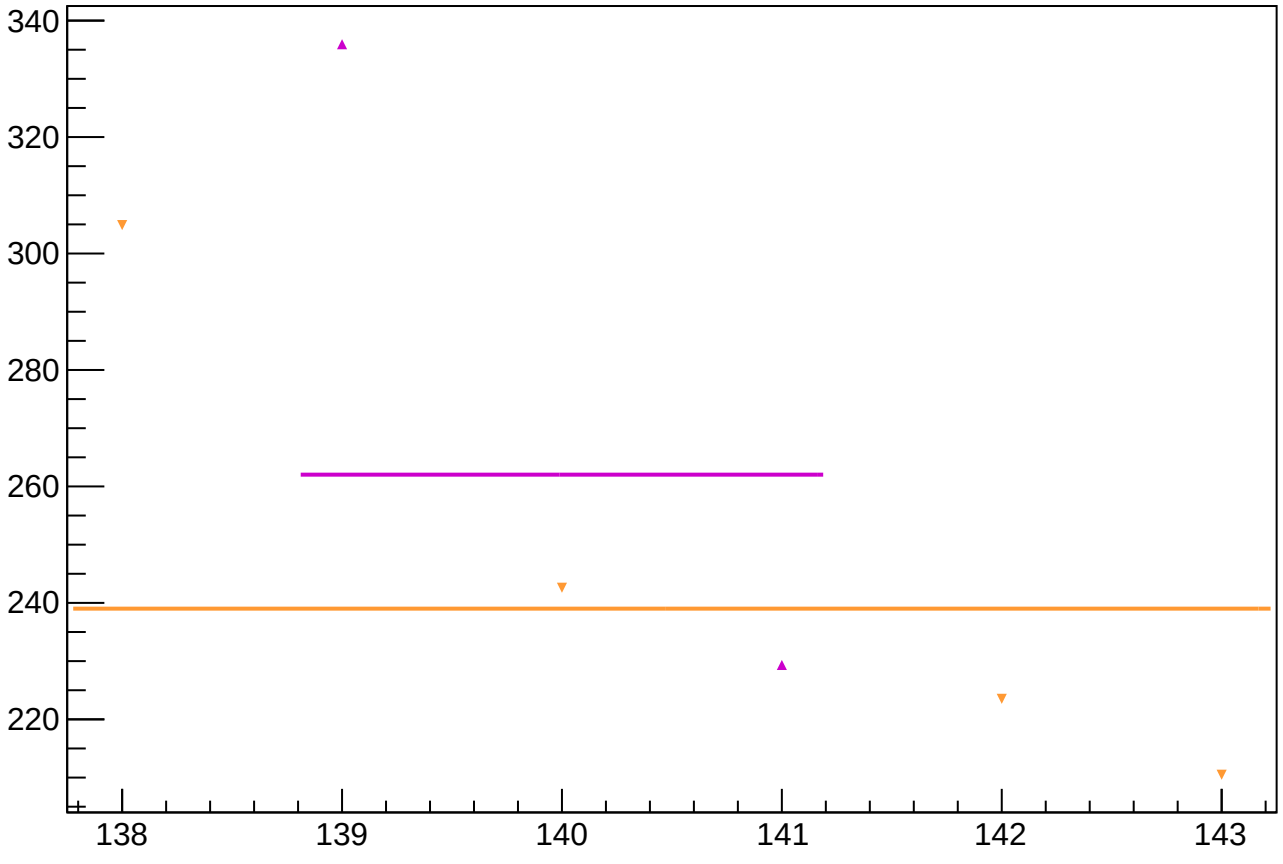
Left In: -190.400+/-208.461 χ^2/NDF:2.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -226.075+/-121.459 χ^2/NDF: 10.1/5

- 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: 239.012+/-0.106 χ^2/NDF:96292.6/3

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

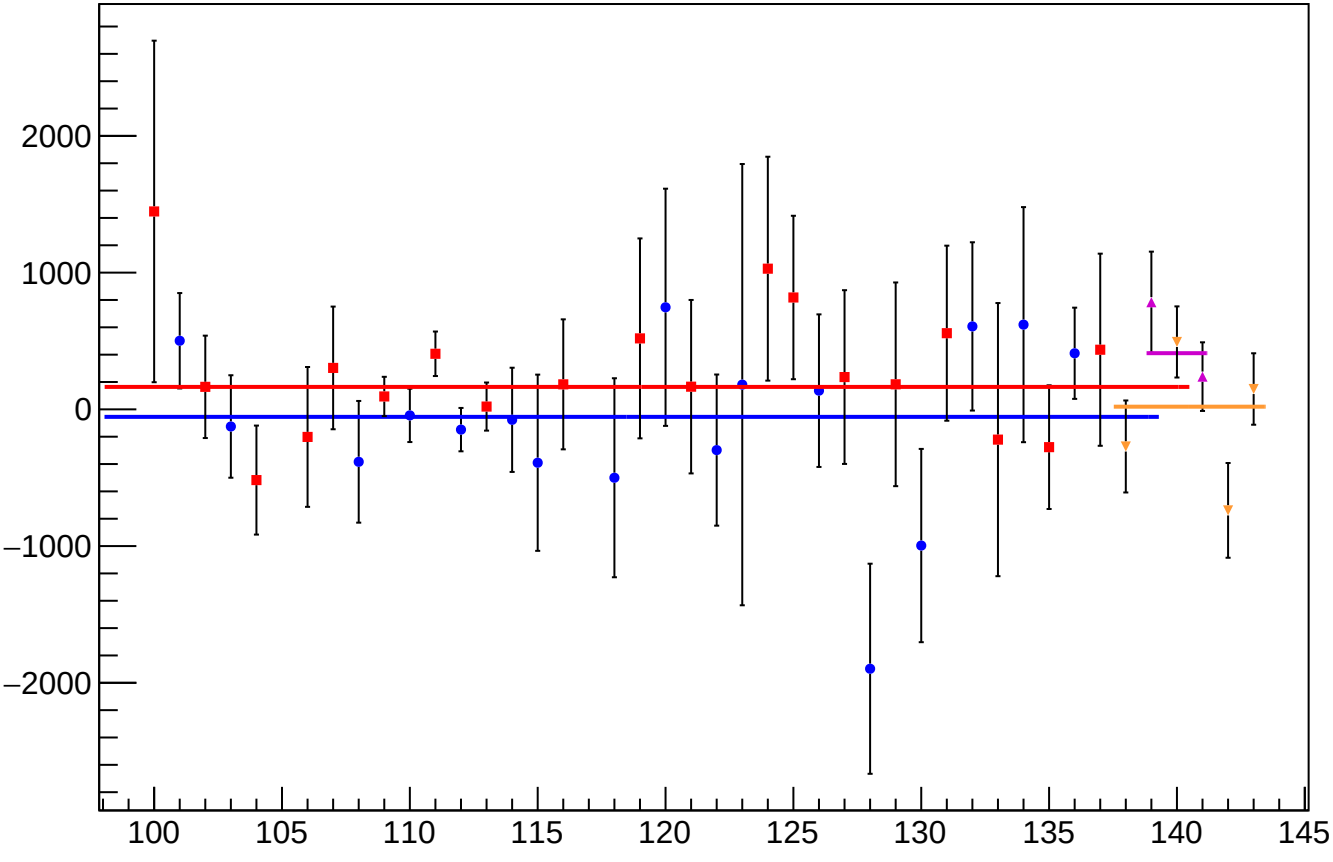
Left In: 262.023+/-0.147 χ^2/NDF:111178.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 246.824+/-0.086 χ^2/NDF: 223567.0/5

- 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: 19.537+/-146.512 χ^2/NDF:9.1/3

Right Out: 164.141+/-76.903 χ^2/NDF: 11.9/18

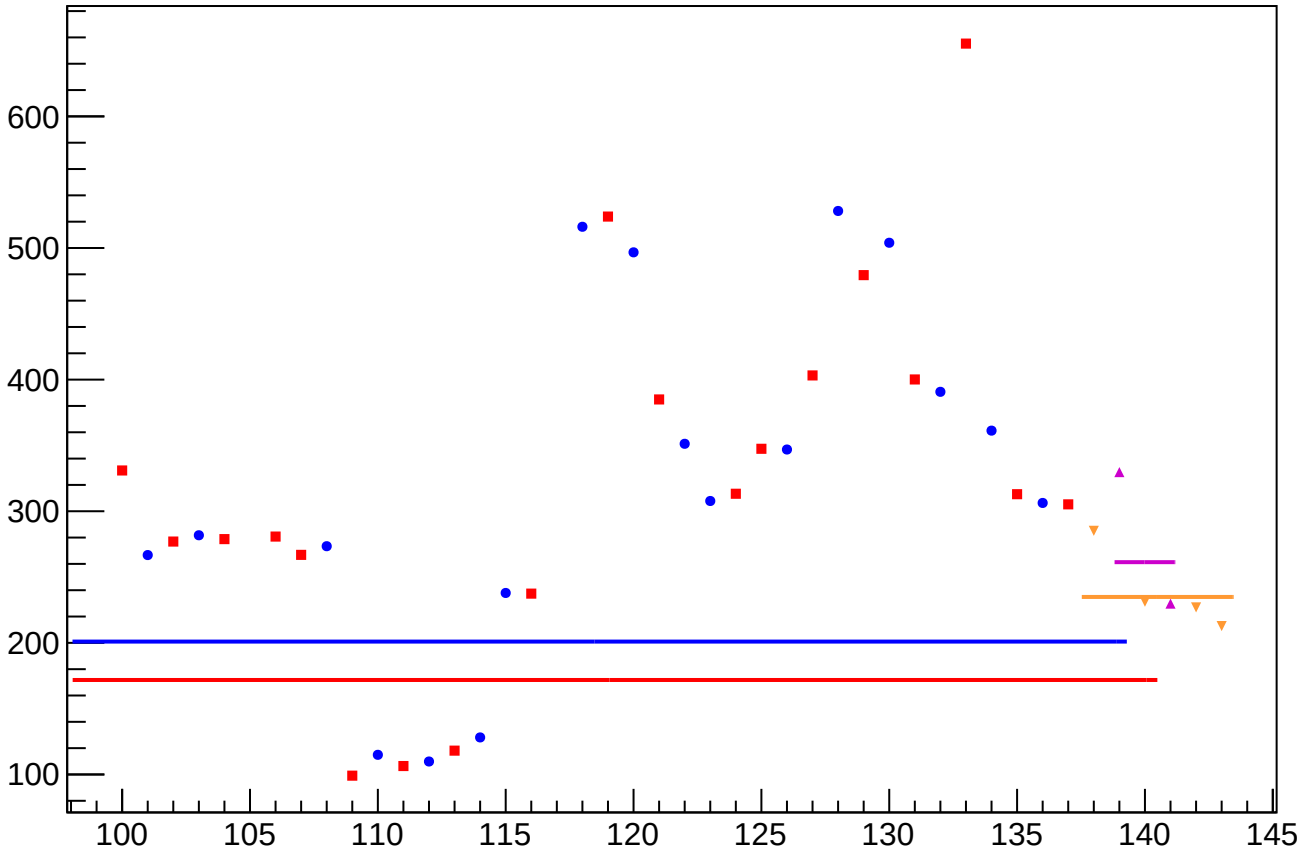
Left In: 410.863+/-207.685 χ^2/NDF:1.5/1

+ sign -34.414+/-76.906 χ^2/NDF: 25.8/20

All: 87.067+/-52.606 χ^2/NDF: 45.1/41

- sign 193.891+/-72.118 χ^2/NDF: 14.6/20

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 234.881+/-0.104 χ^2/NDF:60394.6/3

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

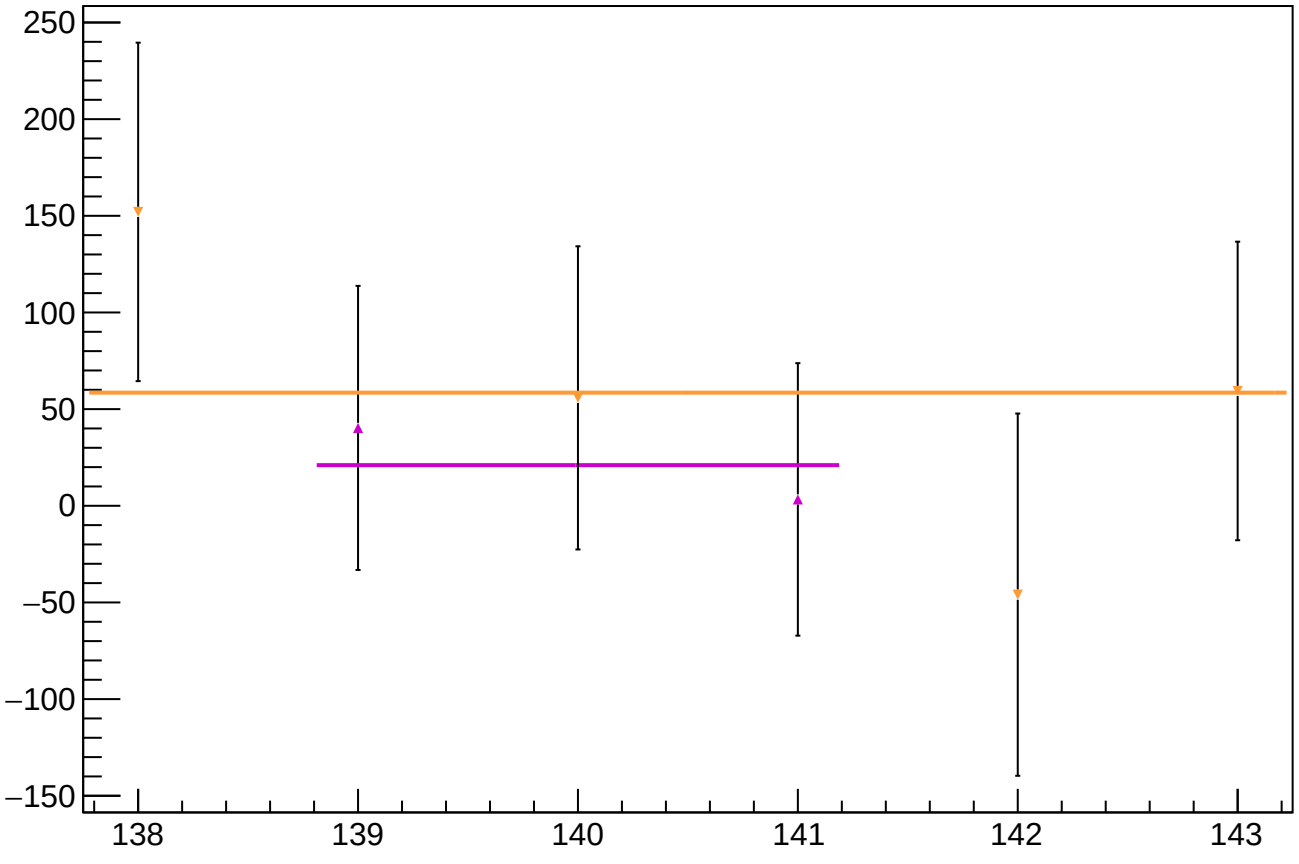
Left In: 261.311+/-0.147 χ^2/NDF:99922.4/1

+ sign 210.314+/-0.054 χ^2/NDF: 3574169.6/20

All: 195.561+/-0.037 χ^2/NDF: 8231808.1/41

- sign 182.588+/-0.051 χ^2/NDF: 4519316.6/20

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 58.534+/-41.713 χ^2/NDF:2.4/3

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

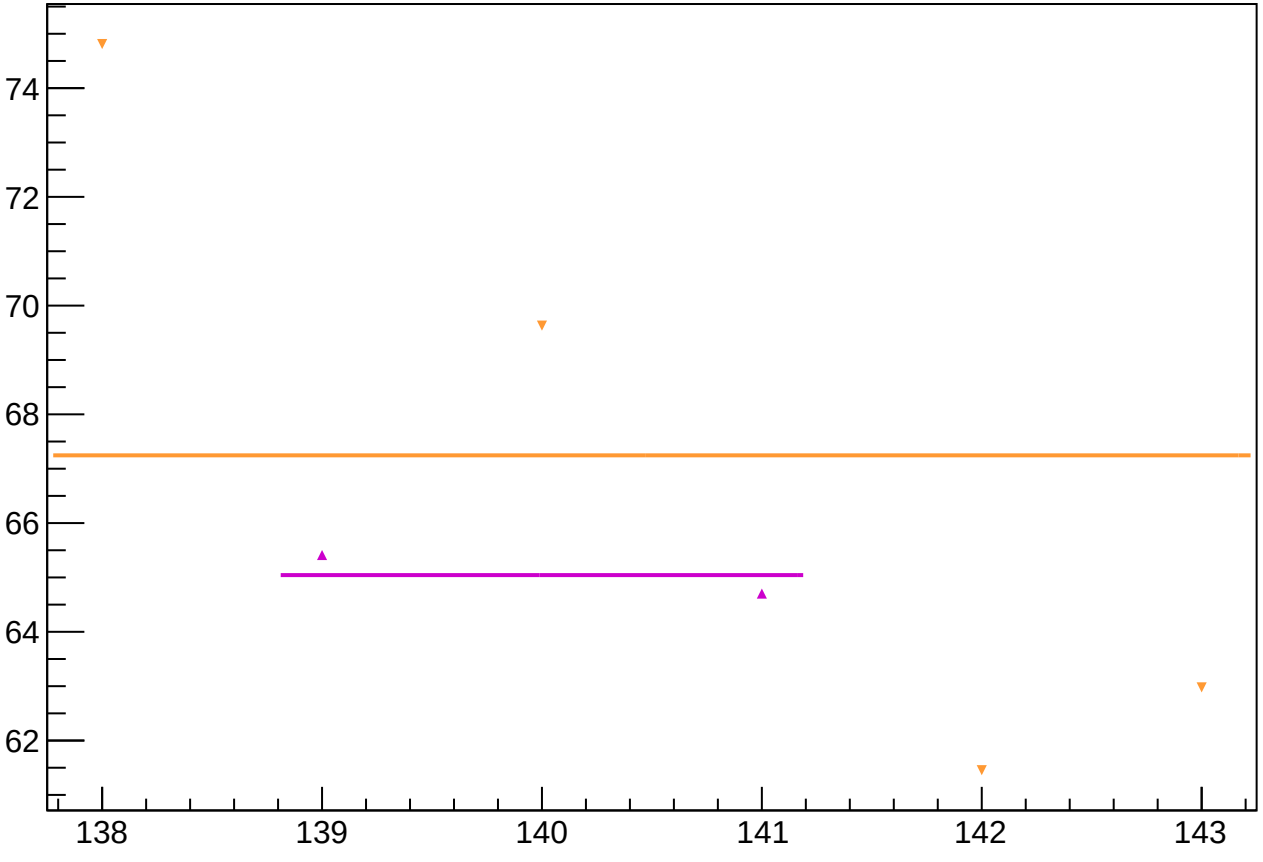
Left In: 21.021+/-50.863 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 43.449+/-32.254 χ^2/NDF: 2.8/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 67.246+/-0.029 χ^2/NDF:30538.6/3

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

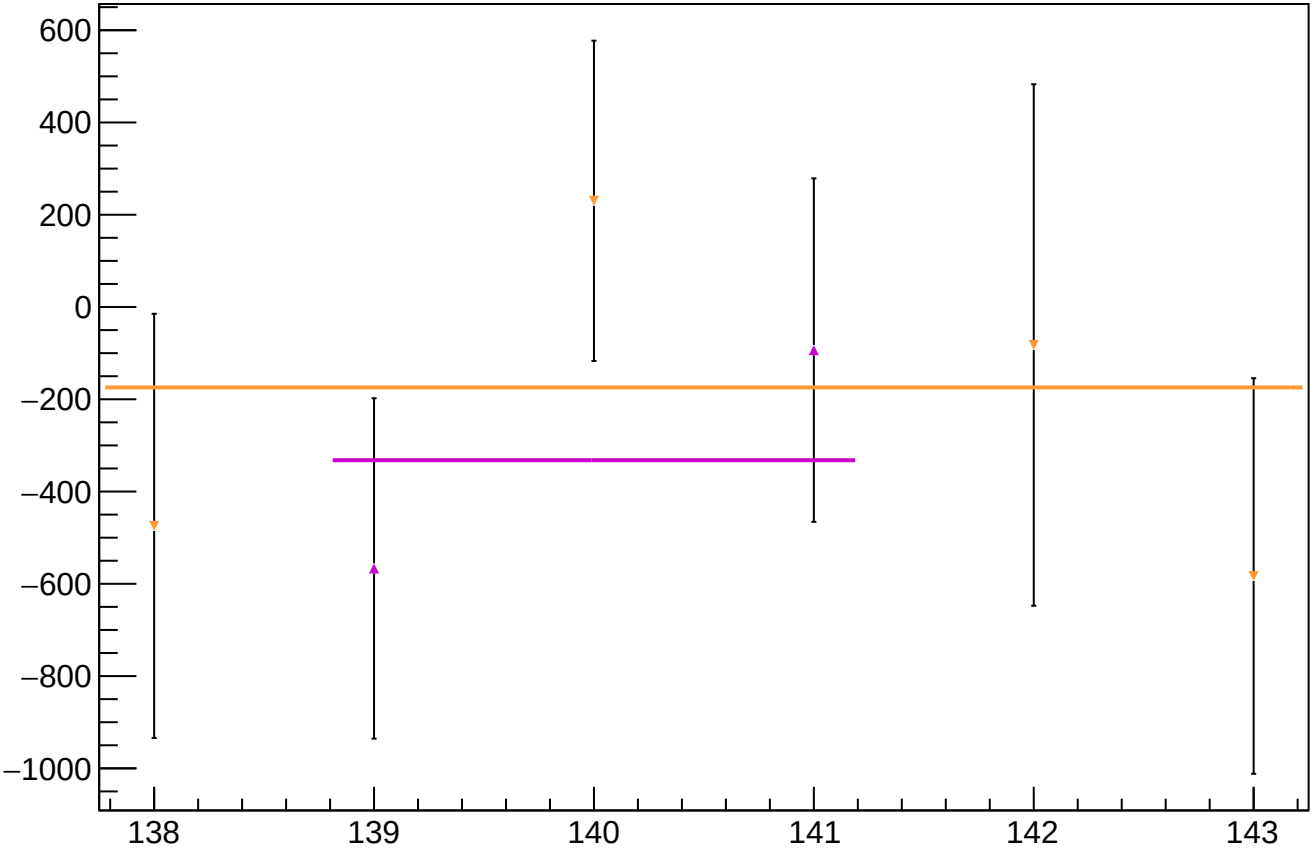
Left In: 65.043+/-0.036 χ^2/NDF:97.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 66.360+/-0.023 χ^2/NDF: 32878.3/5

- 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: -174.338+/-215.180 χ^2/NDF:2.7/3

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

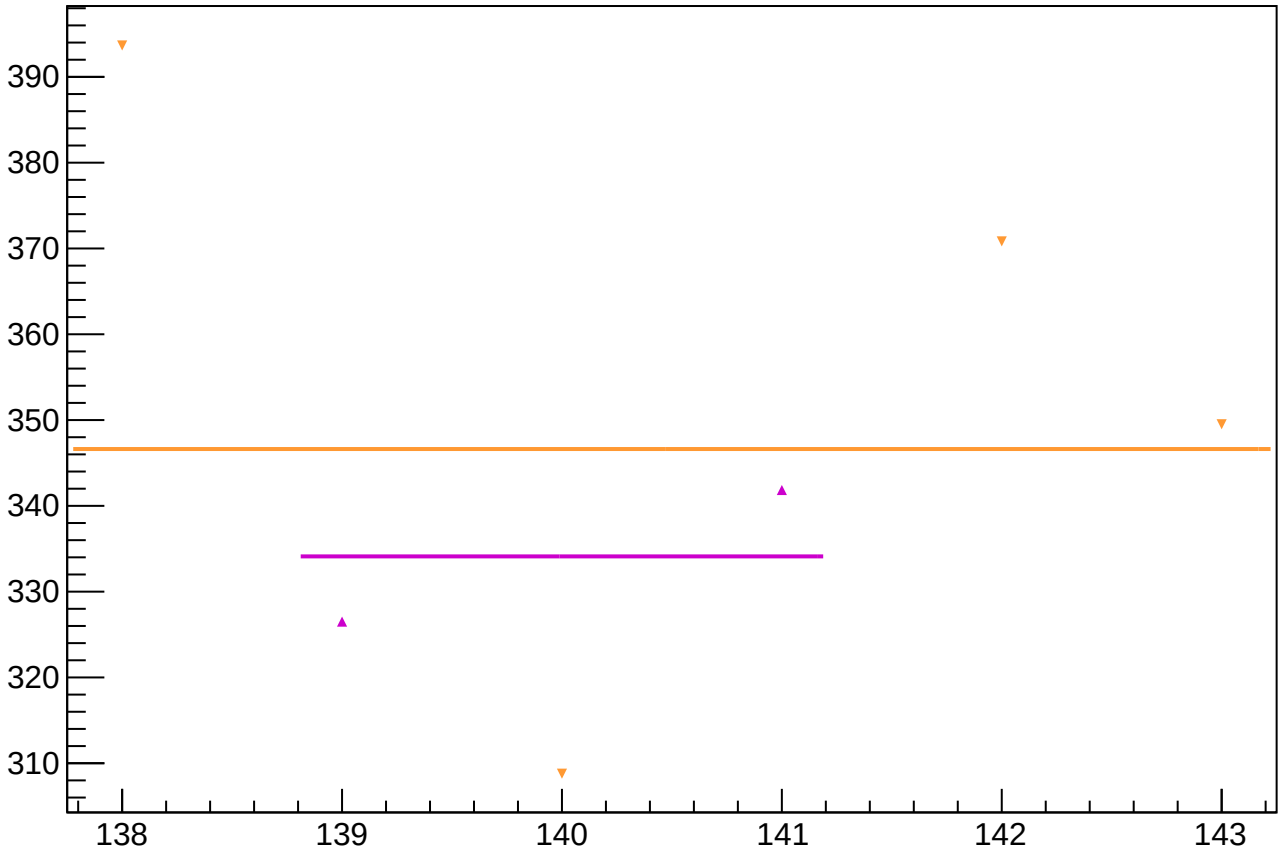
Left In: -332.163+/-262.060 χ^2/NDF:0.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -237.895+/-166.301 χ^2/NDF: 3.8/5

- 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: 346.624+/-0.152 χ^2/NDF:48452.0/3

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

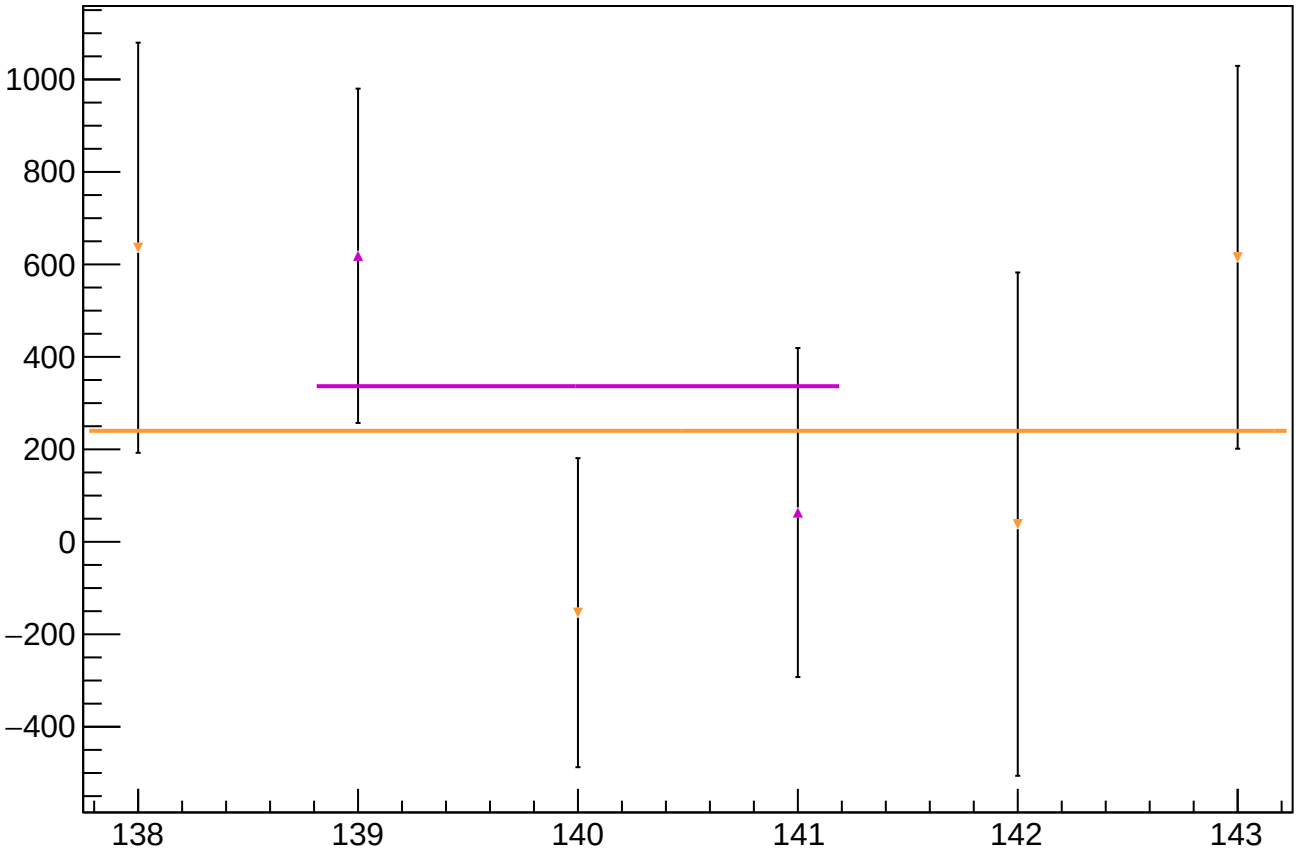
Left In: 334.109+/-0.185 χ^2/NDF:1713.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 341.584+/-0.118 χ^2/NDF: 52889.4/5

- 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: 240.101+/-207.413 χ^2/NDF:3.1/3

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

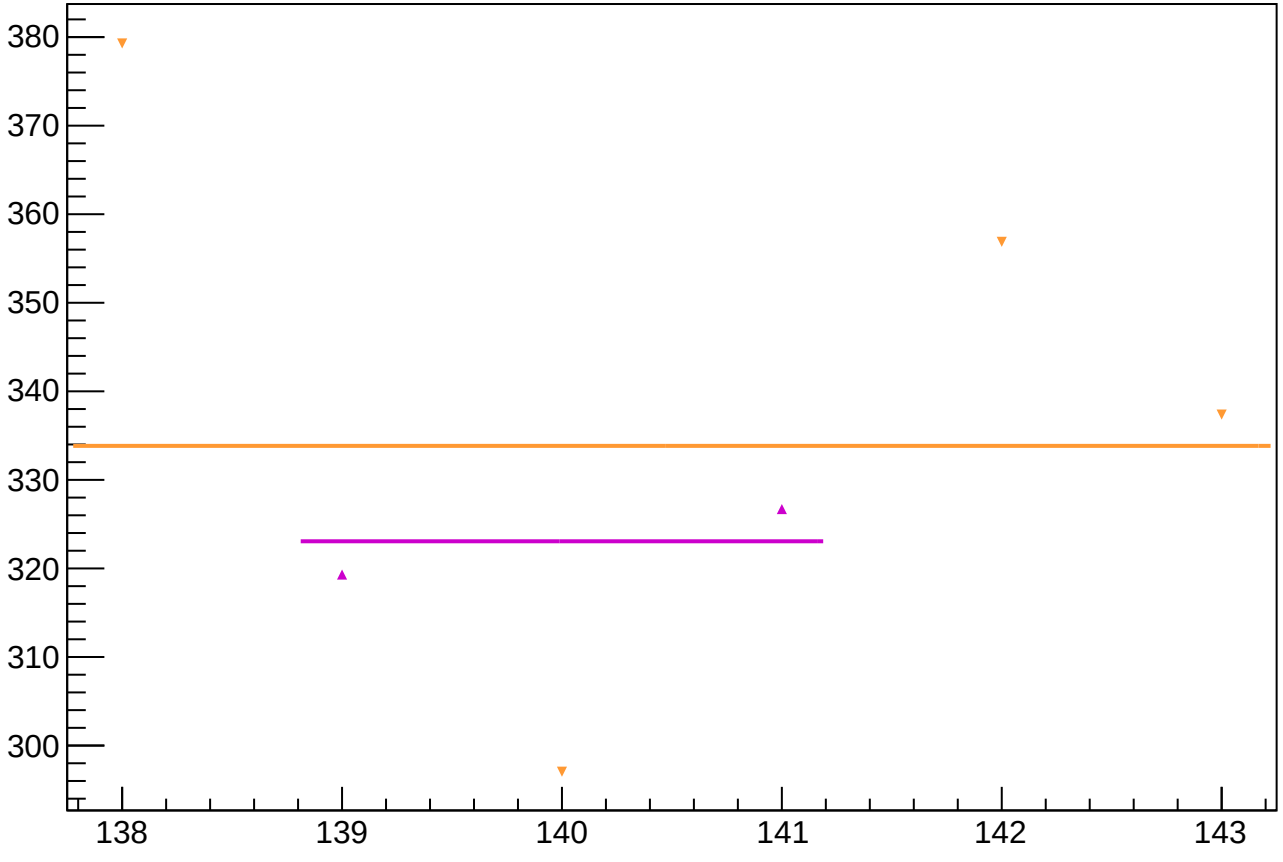
Left In: 336.616+/-253.616 χ^2/NDF:1.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 278.782+/-160.557 χ^2/NDF: 4.4/5

- 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: 333.840+/-0.147 χ^2/NDF:48960.4/3

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

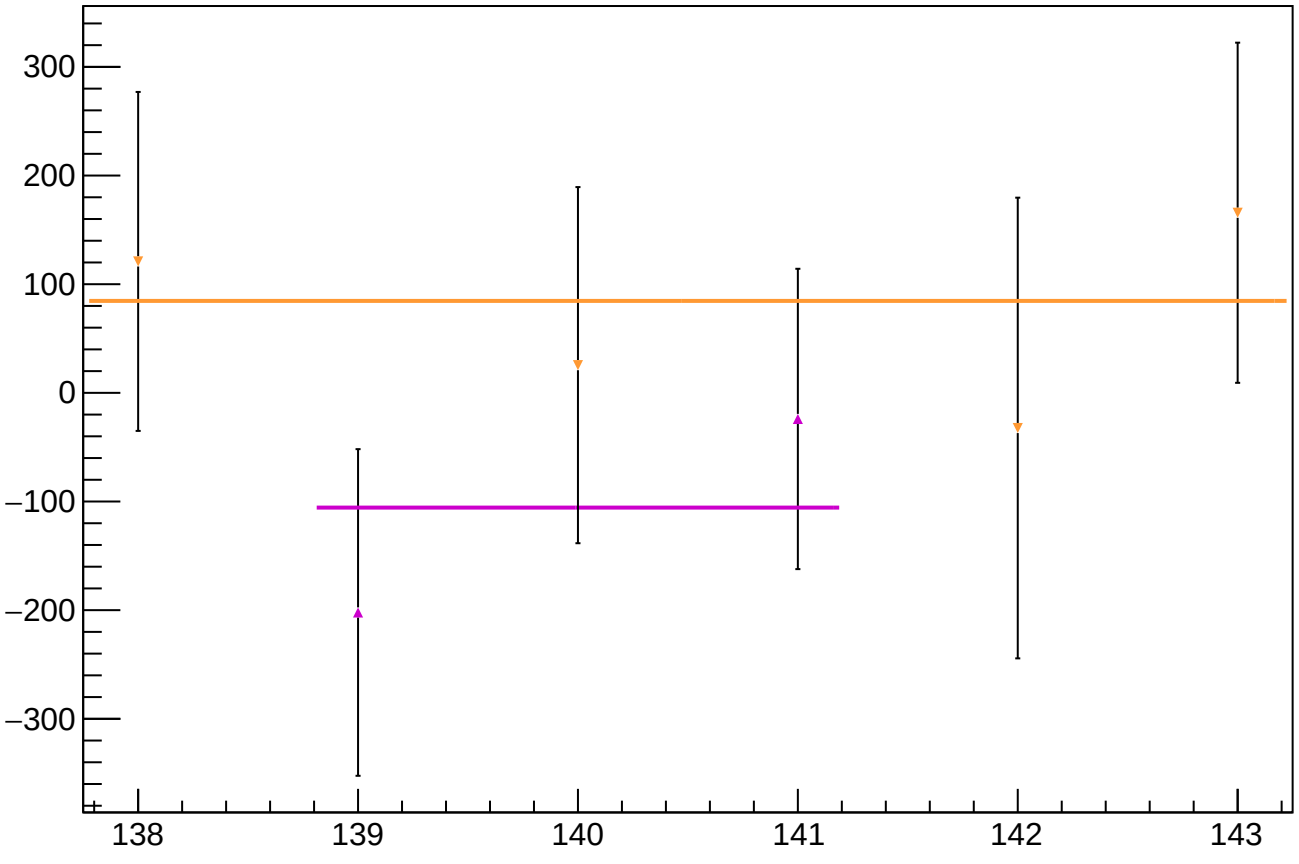
Left In: 323.066+/-0.179 χ^2/NDF:425.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 329.522+/-0.114 χ^2/NDF: 51548.3/5

- 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: 84.628+/-84.099 χ^2/NDF:0.8/3

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

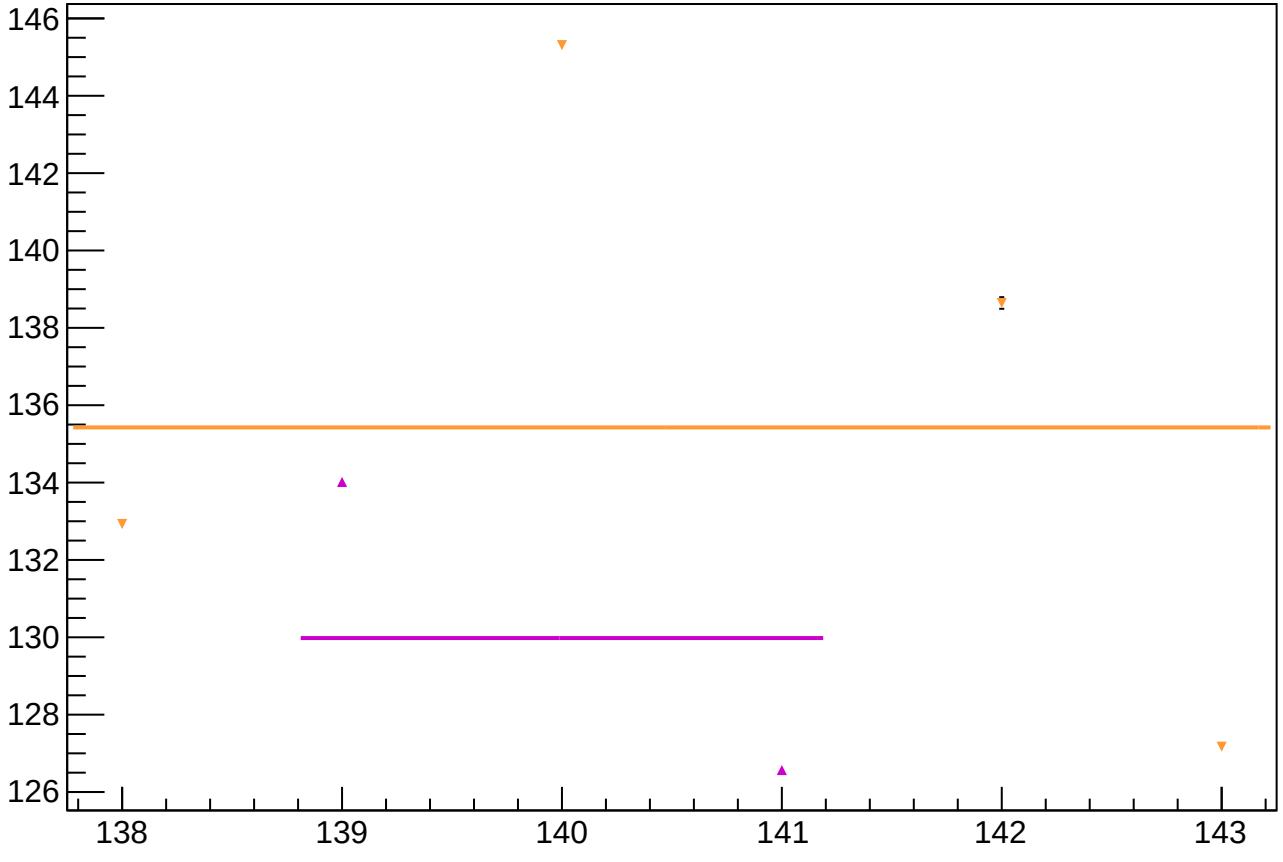
Left In: -105.606+/-101.741 χ^2/NDF:0.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.409+/-64.821 χ^2/NDF: 3.6/5

- 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: 135.426+/-0.059 χ^2/NDF:13807.3/3

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

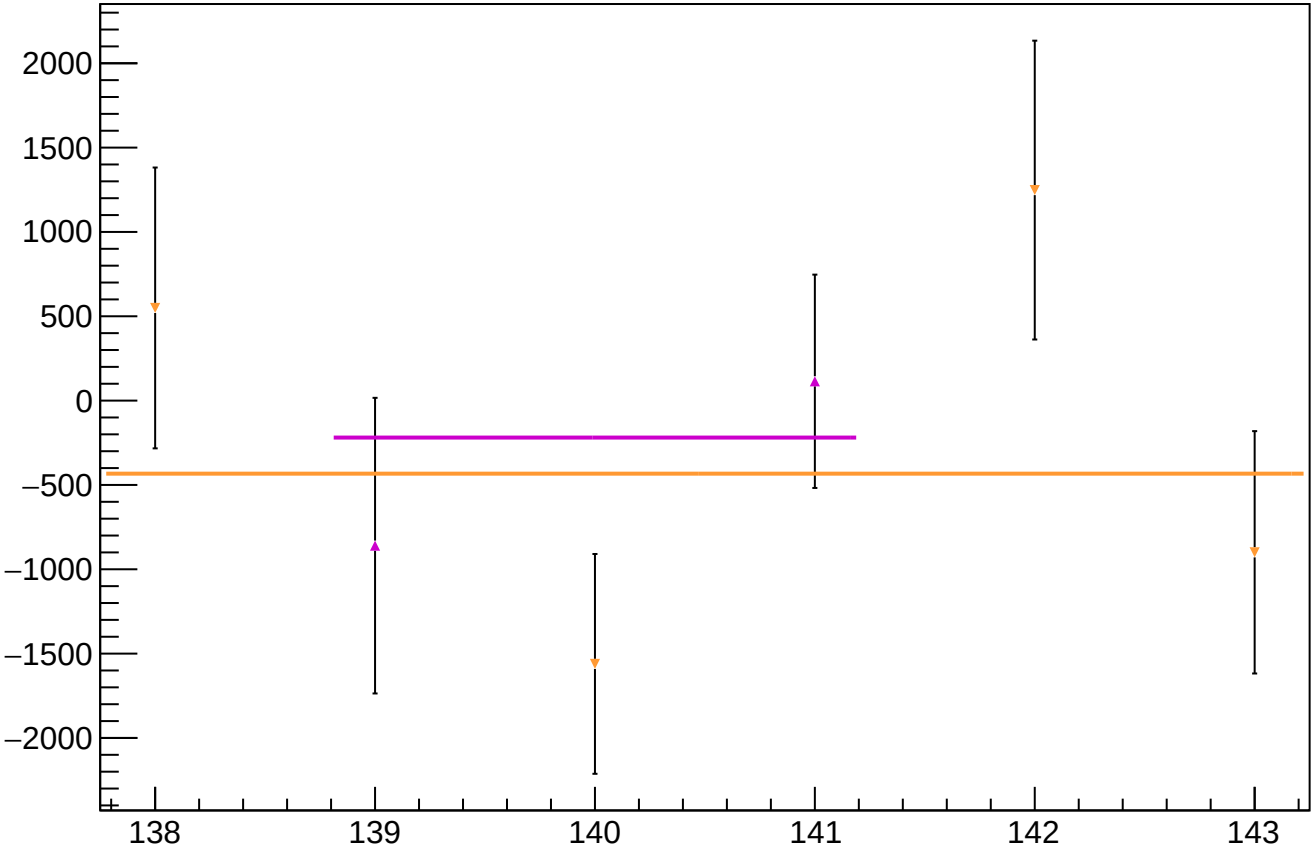
Left In: 129.981+/-0.072 χ^2/NDF:2660.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 133.216+/-0.046 χ^2/NDF: 19871.9/5

- 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: -433.098+/-377.696 χ^2/NDF:8.4/3

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

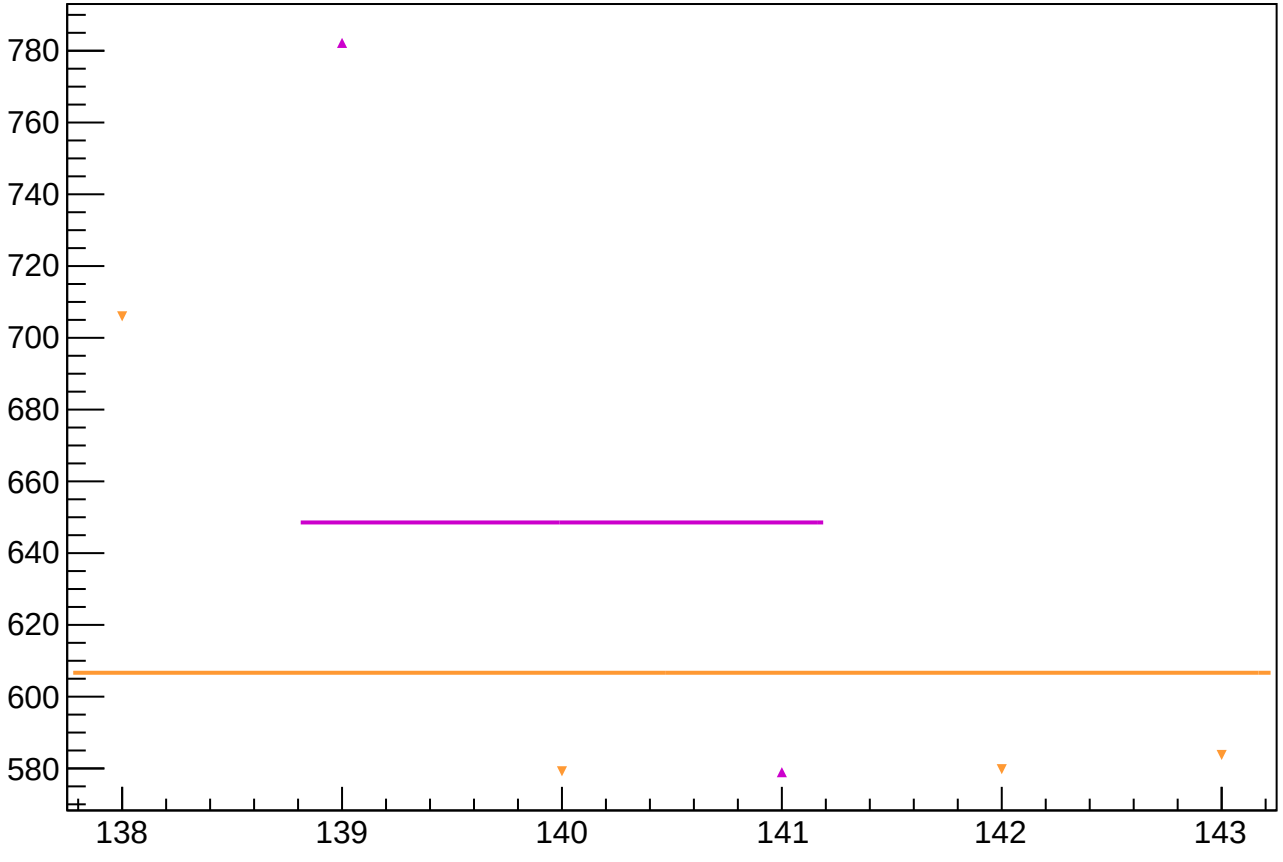
Left In: -219.139+/-512.817 χ^2/NDF:0.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -357.853+/-304.114 χ^2/NDF: 9.3/5

- 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: 606.662+/-0.267 χ^2/NDF:35896.4/3

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

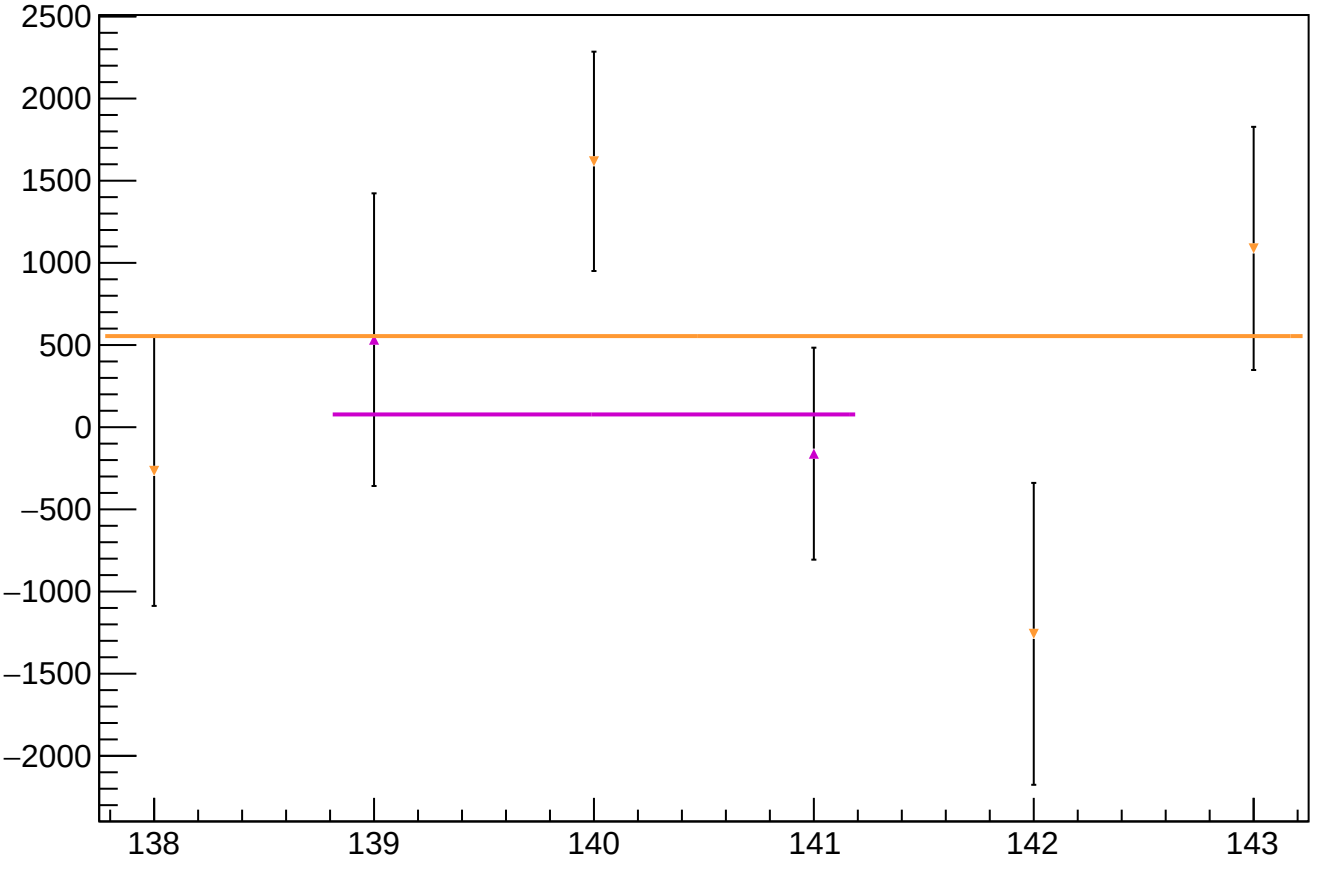
Left In: 648.547+/-0.363 χ^2/NDF:70734.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 621.392+/-0.215 χ^2/NDF: 115280.5/5

- 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: 554.397+/-385.228 χ^2/NDF:7.9/3

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

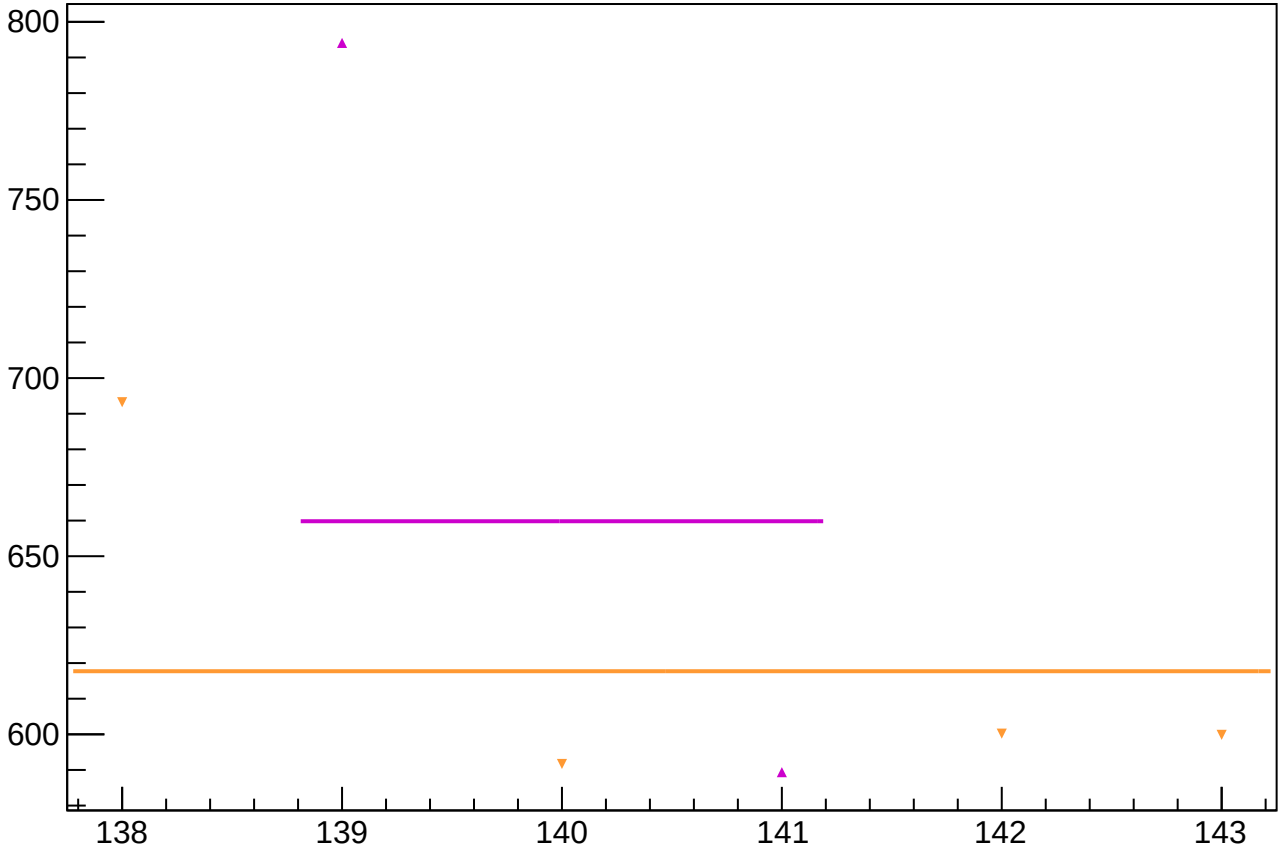
Left In: 77.625+/-522.351 χ^2/NDF:0.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 386.437+/-310.035 χ^2/NDF: 8.9/5

- 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: 617.715+/-0.272 χ^2/NDF:21830.1/3

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

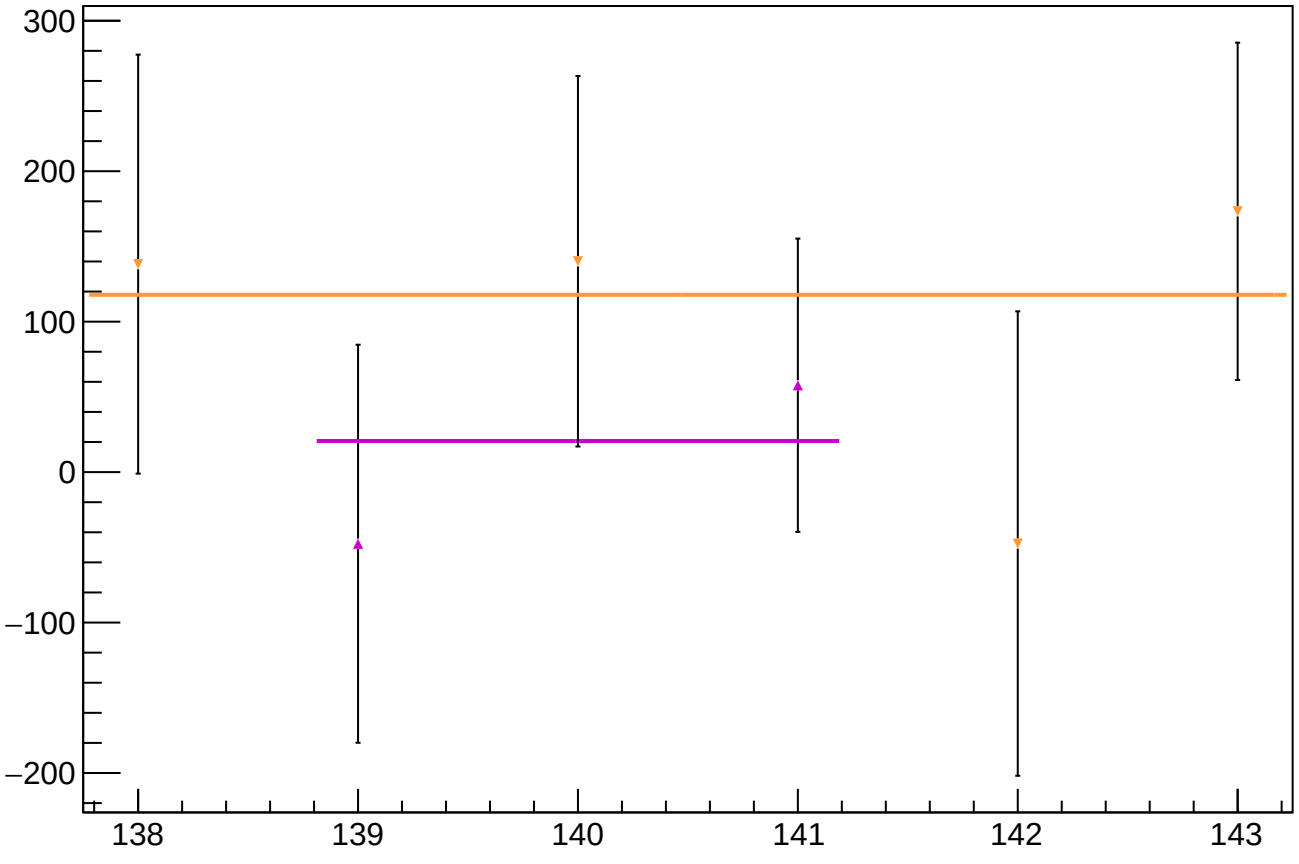
Left In: 659.818+/-0.369 χ^2/NDF:69328.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 632.548+/-0.219 χ^2/NDF: 99574.8/5

- 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: 117.846+/-64.672 χ^2/NDF:1.4/3

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

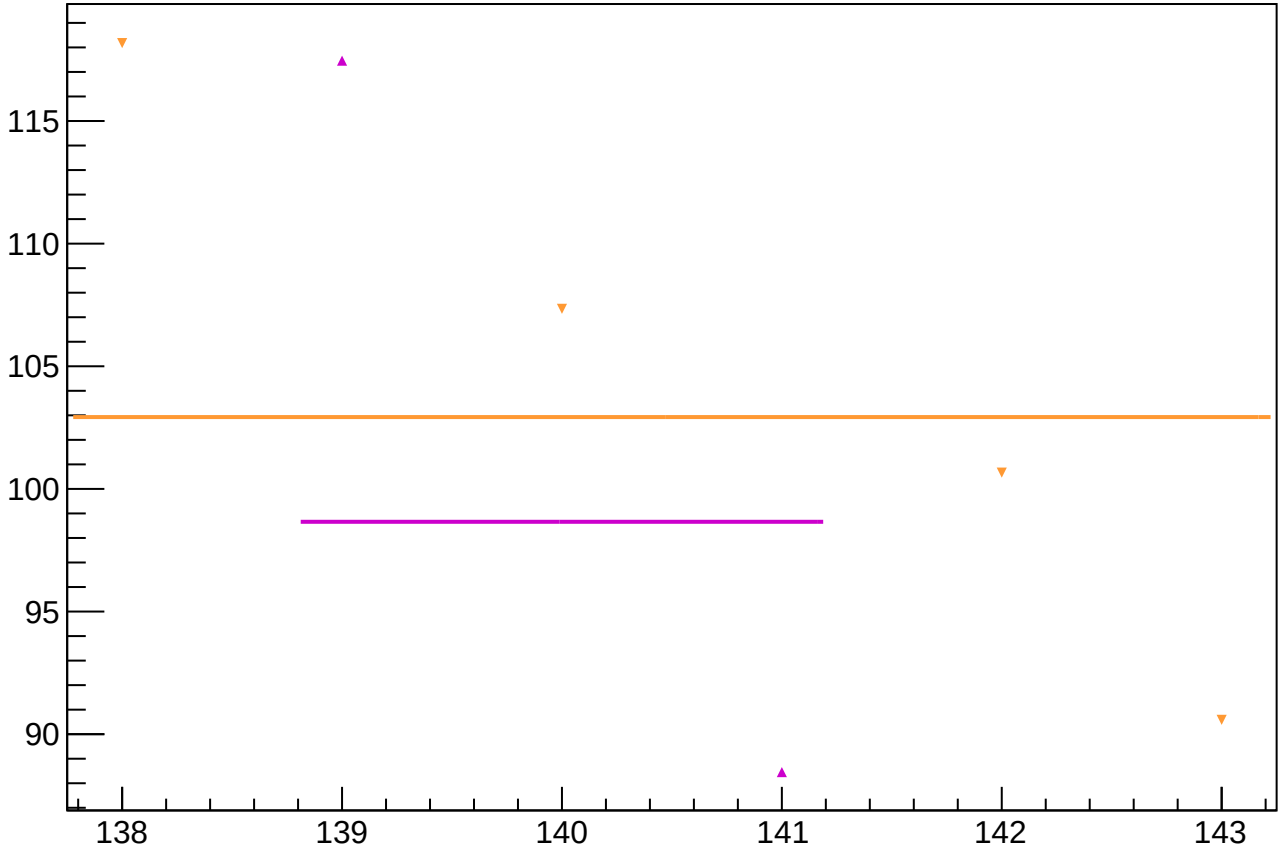
Left In: 20.661+/-78.471 χ^2/NDF:0.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 78.536+/-49.907 χ^2/NDF: 2.8/5

- 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: 102.929+/-0.046 χ^2/NDF:51233.6/3

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

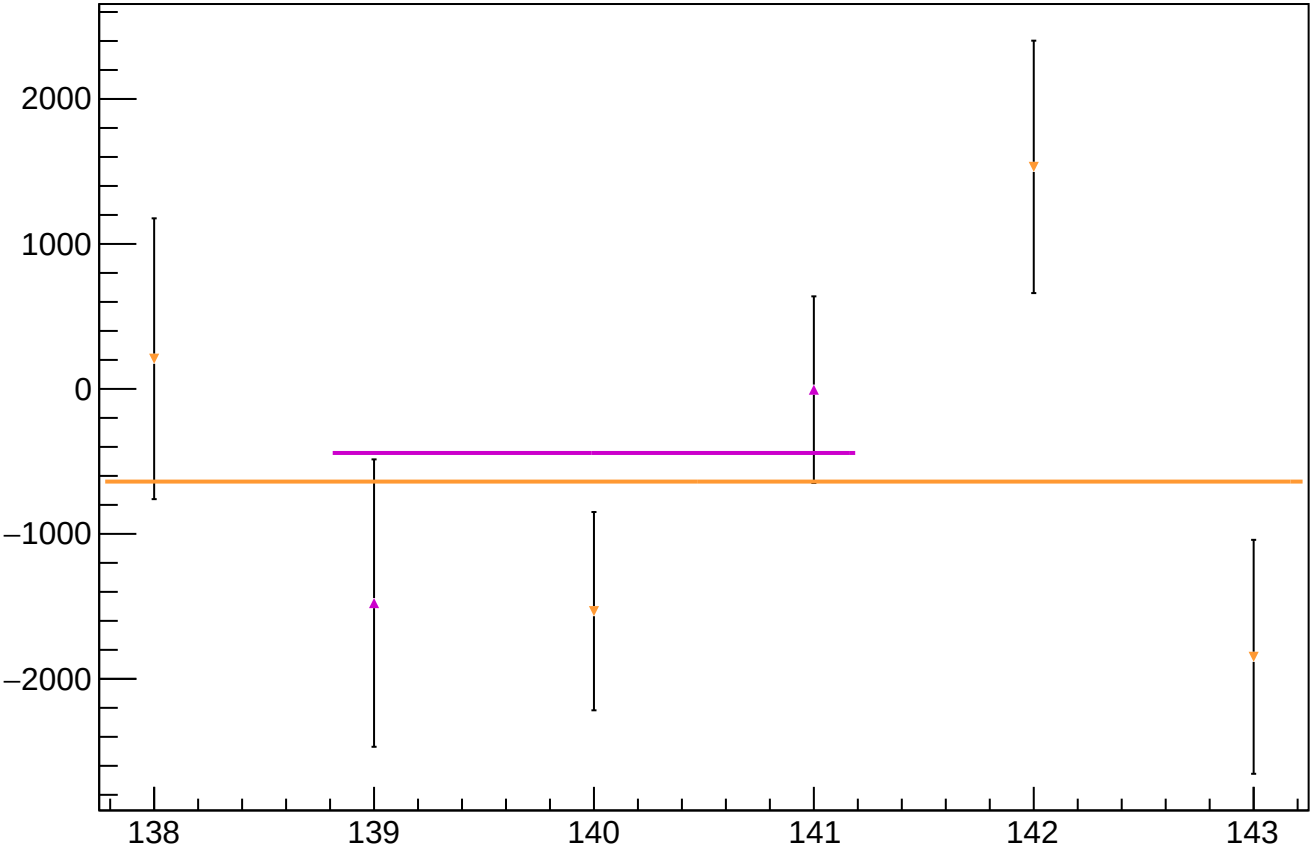
Left In: 98.660+/-0.055 χ^2/NDF:62317.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 101.202+/-0.035 χ^2/NDF: 117076.7/5

- 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: -639.236+/-406.244 χ^2/NDF:10.9/3

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

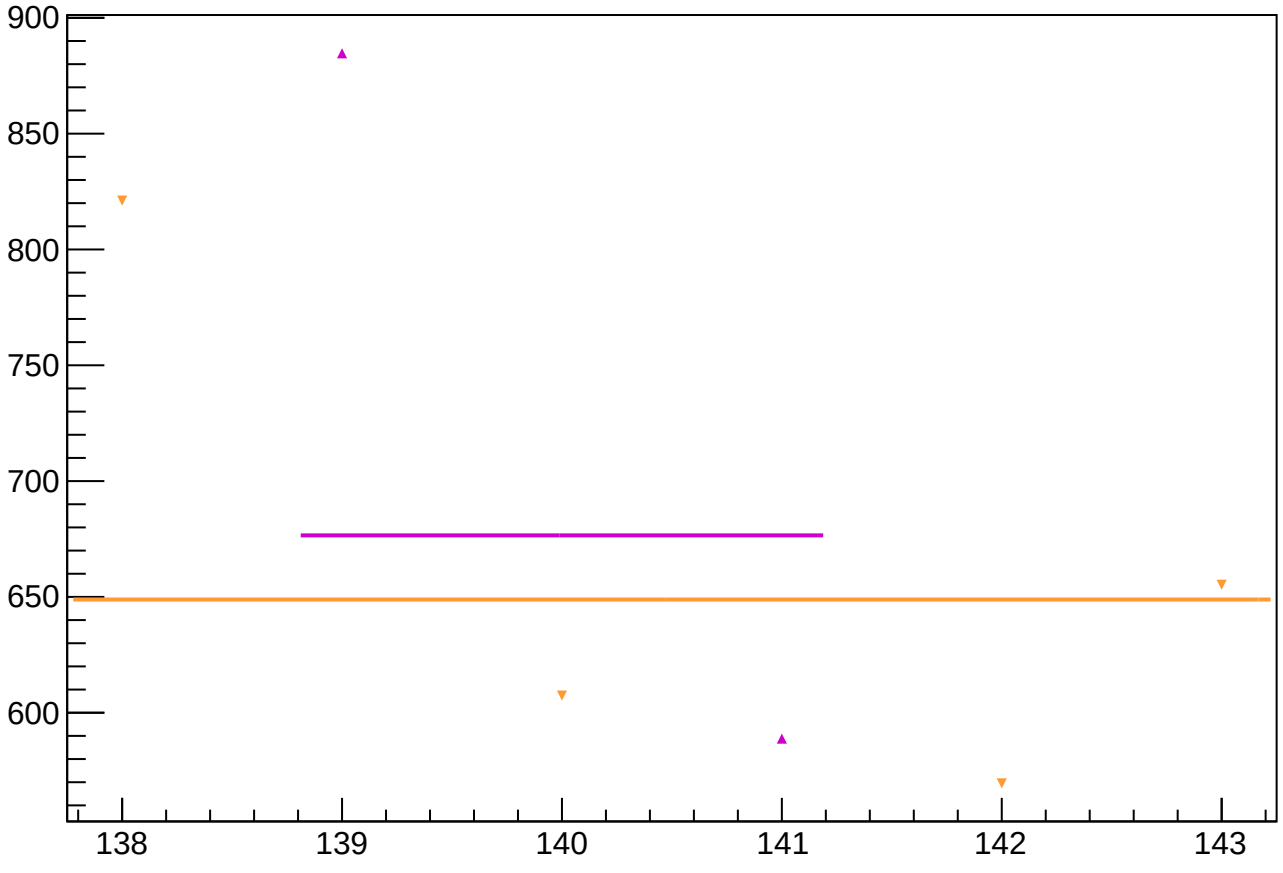
Left In: -441.824+/-539.862 χ^2/NDF:1.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -567.866+/-324.606 χ^2/NDF: 12.6/5

- 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: 648.873+/-0.287 χ^2/NDF:87345.2/3

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

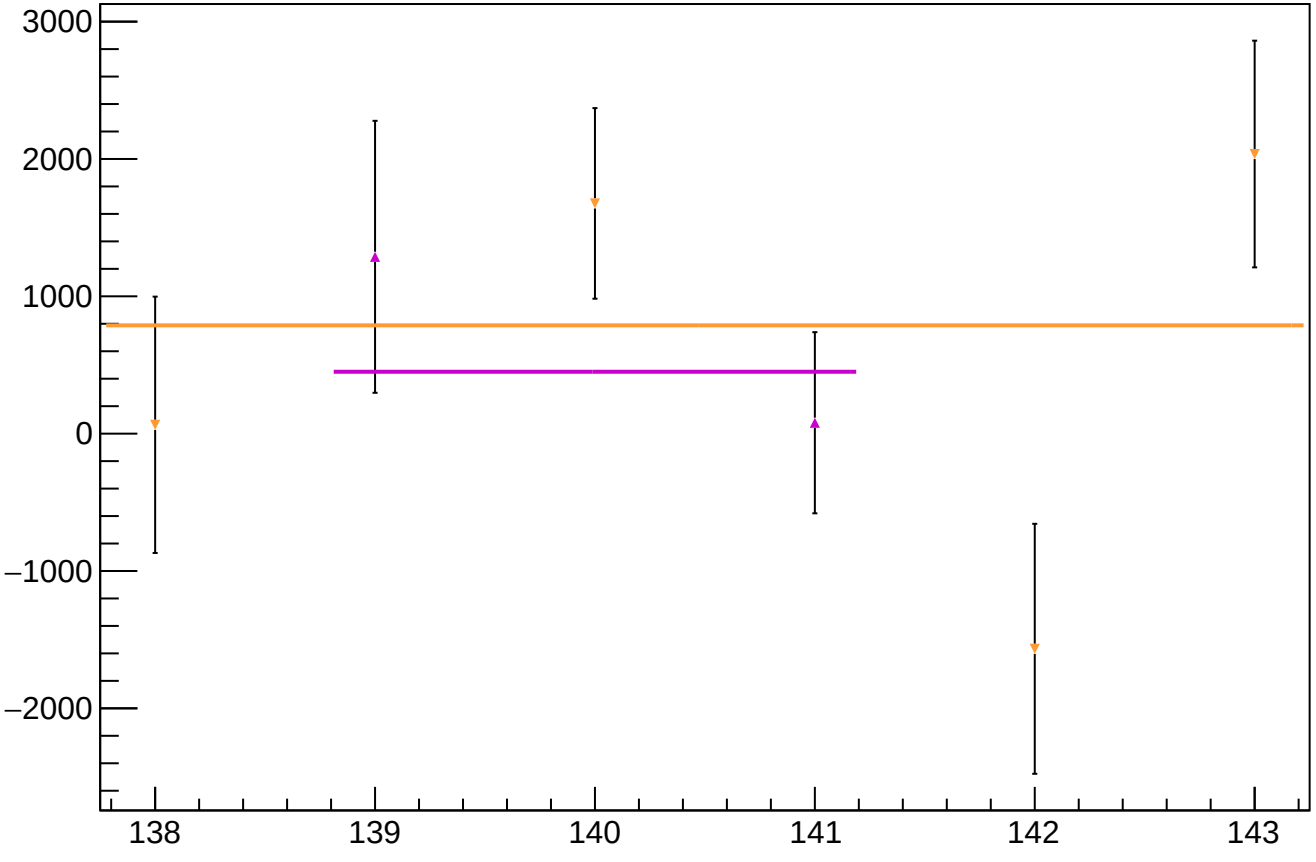
Left In: 676.572+/-0.382 χ^2/NDF:125326.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 658.887+/-0.230 χ^2/NDF: 216033.5/5

- 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: 788.594+/-411.692 χ^2/NDF:11.2/3

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

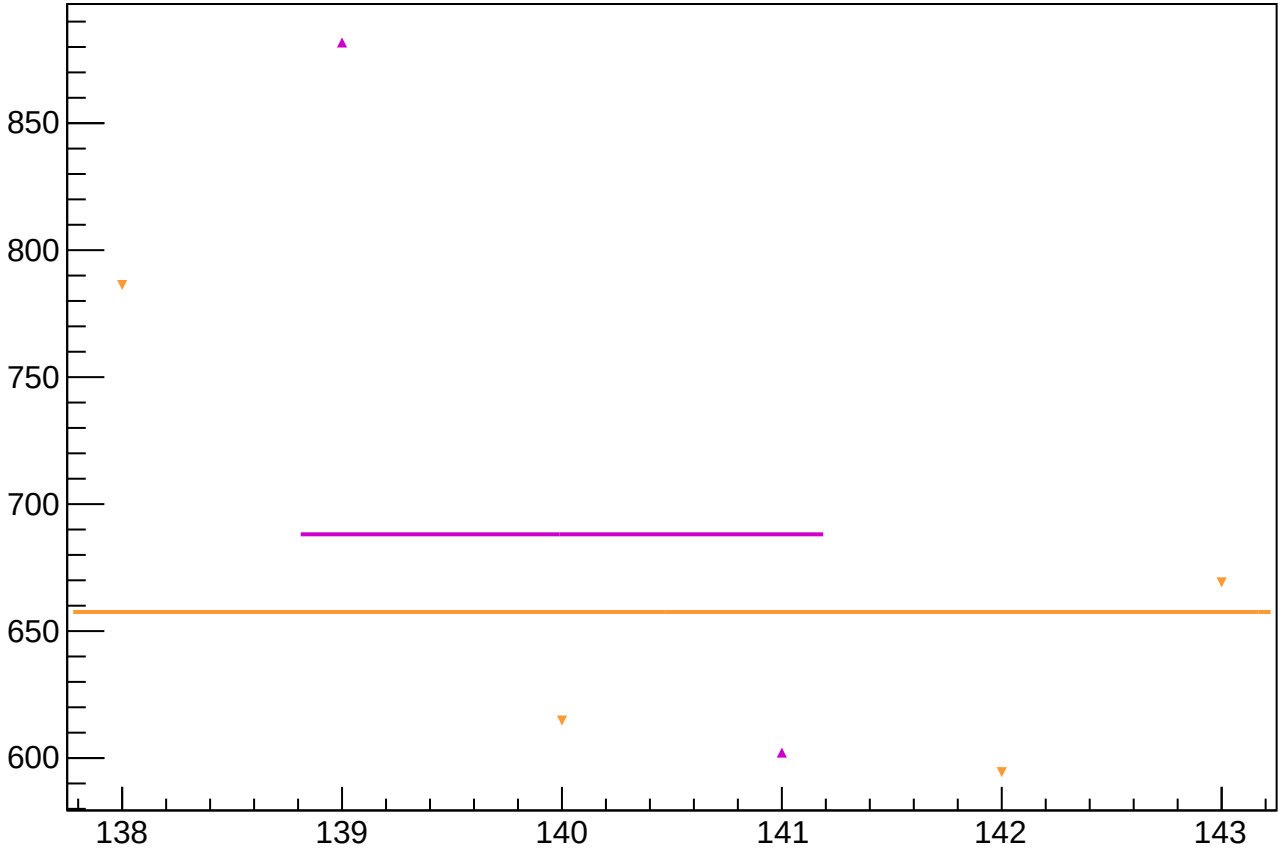
Left In: 450.741+/-548.907 χ^2/NDF:1.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 666.962+/-329.350 χ^2/NDF: 12.5/5

- 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: 657.527+/-0.291 χ^2/NDF:55668.0/3

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

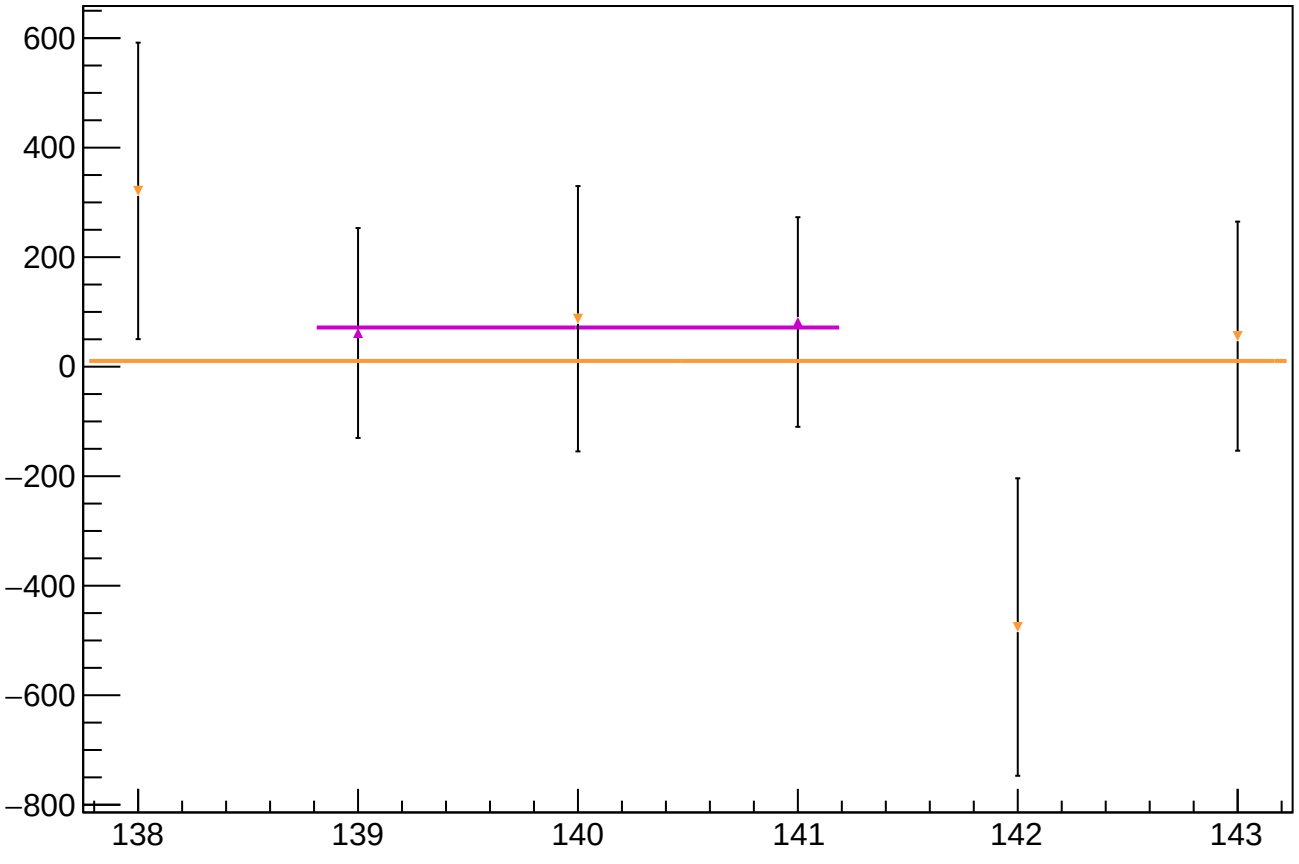
Left In: 688.107+/-0.388 χ^2/NDF:110495.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 668.537+/-0.233 χ^2/NDF: 170136.3/5

- 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: 10.481+/-122.086 χ^2/NDF:4.7/3

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

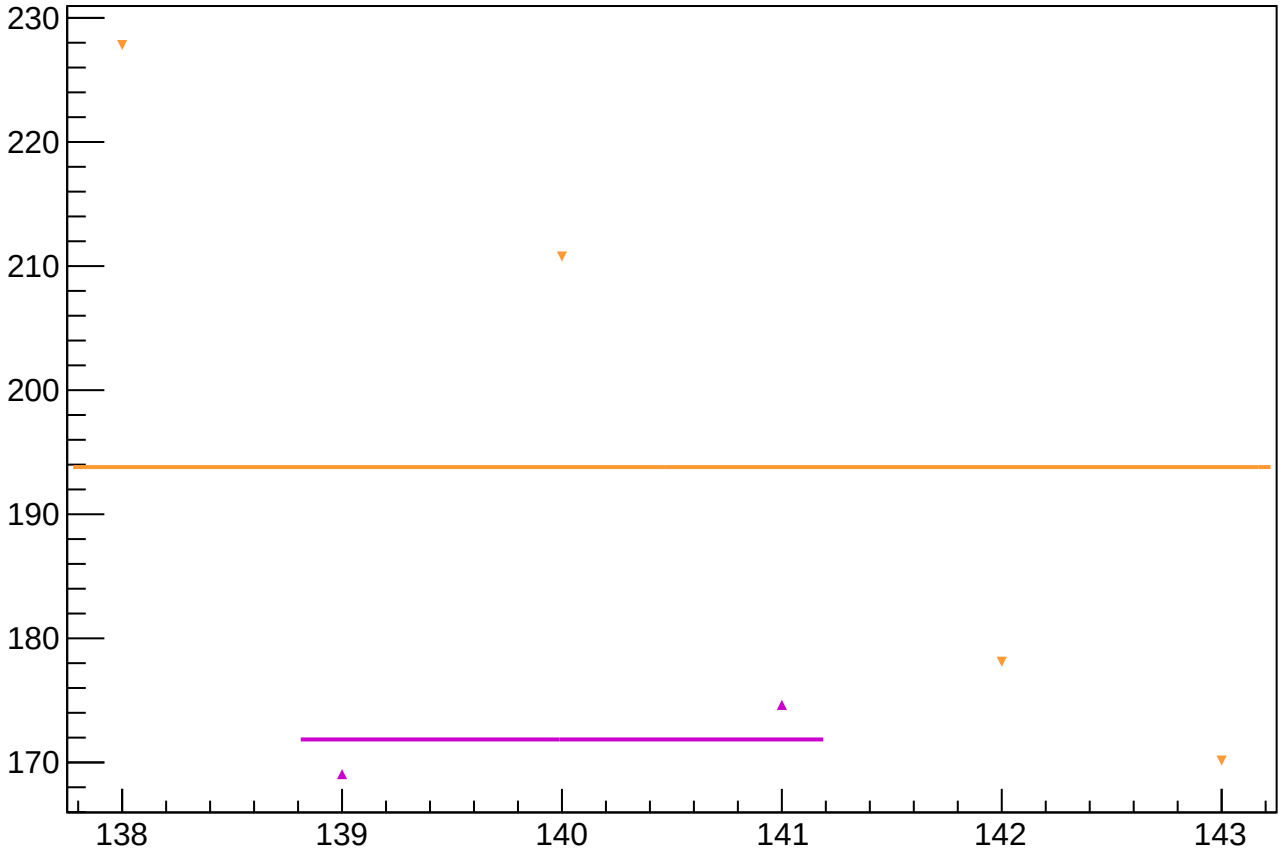
Left In: 71.537+/-135.423 χ^2/NDF:0.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 37.855+/-90.677 χ^2/NDF: 4.8/5

- 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: 193.804+/-0.086 χ^2/NDF:73625.4/3

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

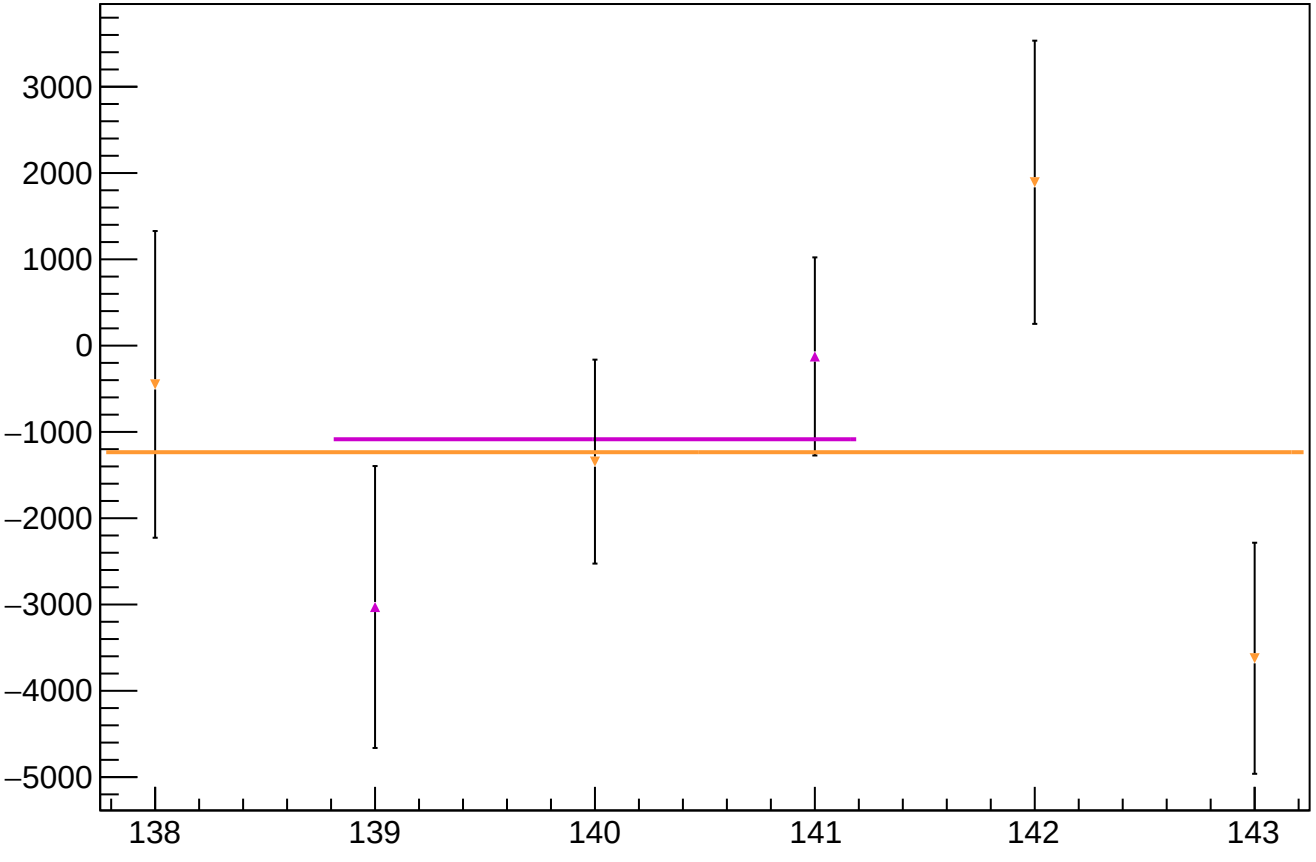
Left In: 171.852+/-0.096 χ^2/NDF:848.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 183.962+/-0.064 χ^2/NDF: 103463.6/5

- 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: -1234.947+/-713.896 χ^2/NDF:7.0/3

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

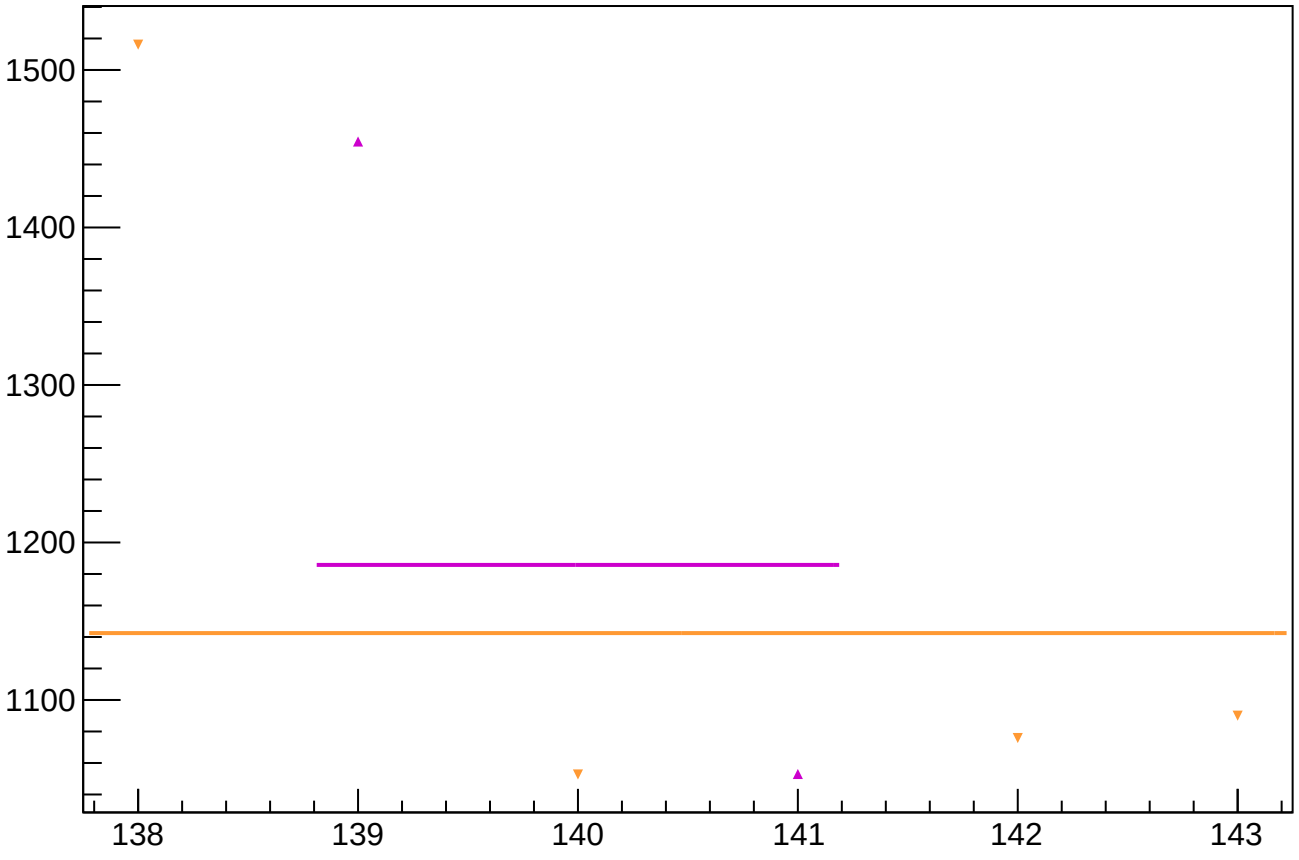
Left In: -1084.986+/-939.125 χ^2/NDF:2.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1180.027+/-568.330 χ^2/NDF: 9.2/5

- 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: 1142.473+/-0.505 χ^2/NDF:106301.0/3

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

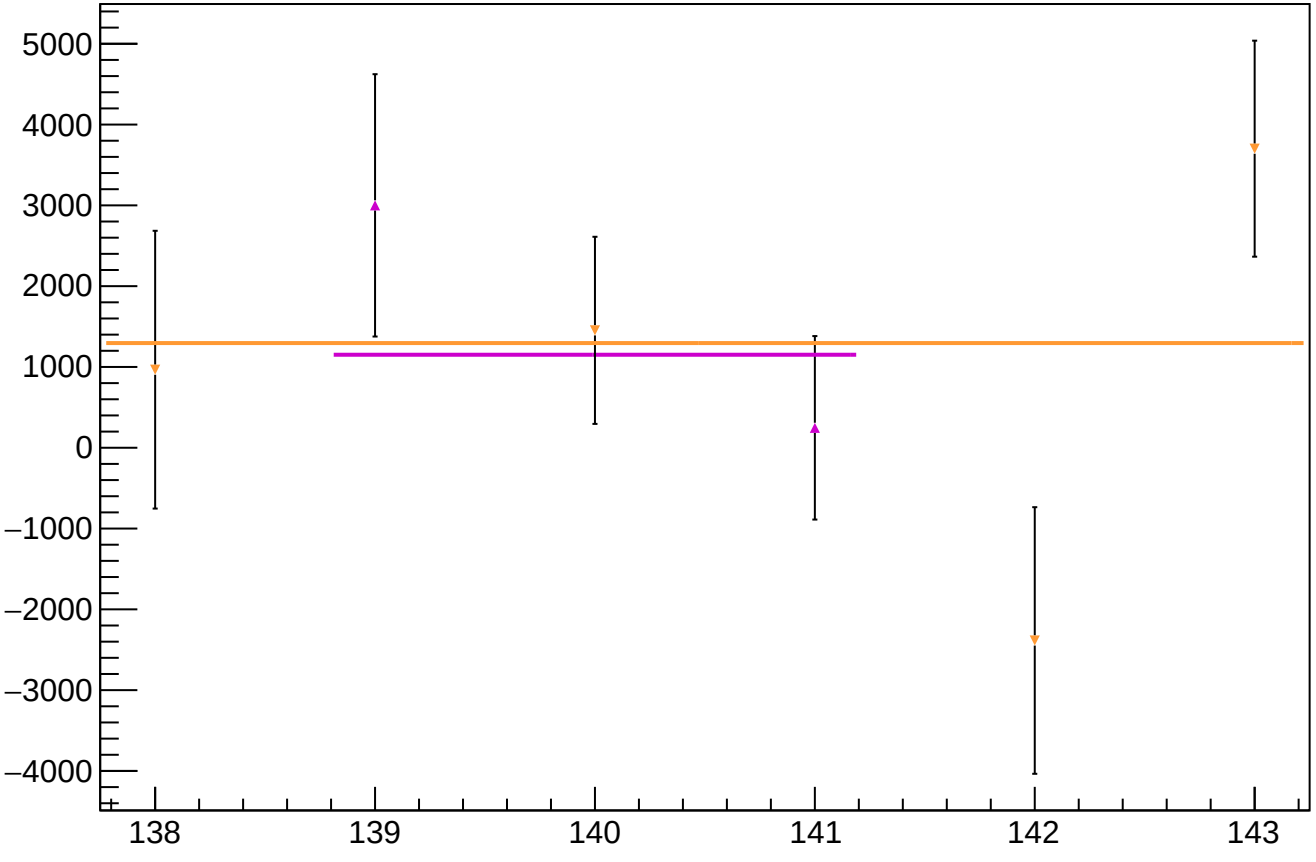
Left In: 1185.758+/-0.664 χ^2/NDF:80918.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1158.326+/-0.402 χ^2/NDF: 189912.6/5

- 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: 1295.728+/-705.139 χ^2/NDF:8.3/3

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

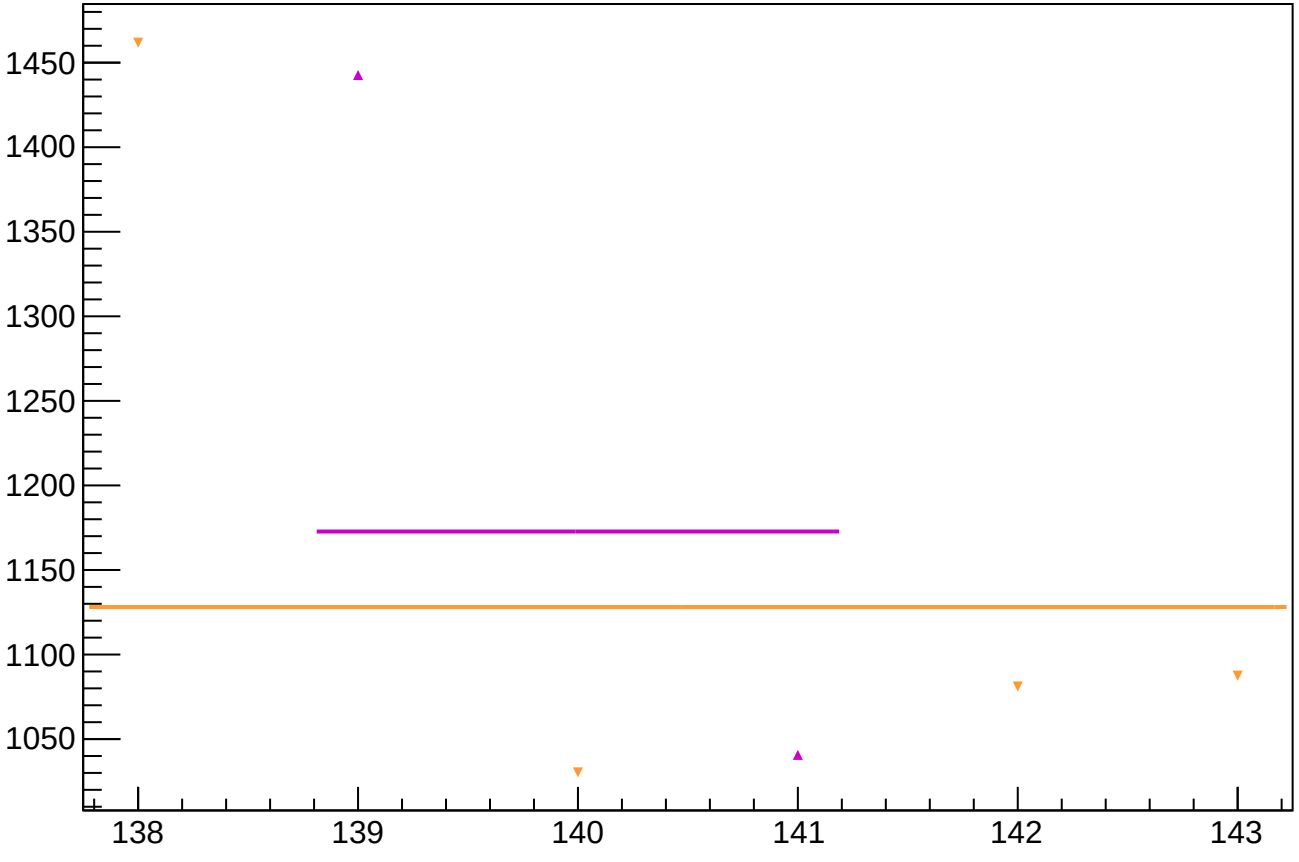
Left In: 1151.168+/-930.461 χ^2/NDF:1.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1242.992+/-561.990 χ^2/NDF: 10.2/5

- 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: 1128.098+/-0.499 χ^2/NDF:93099.4/3

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

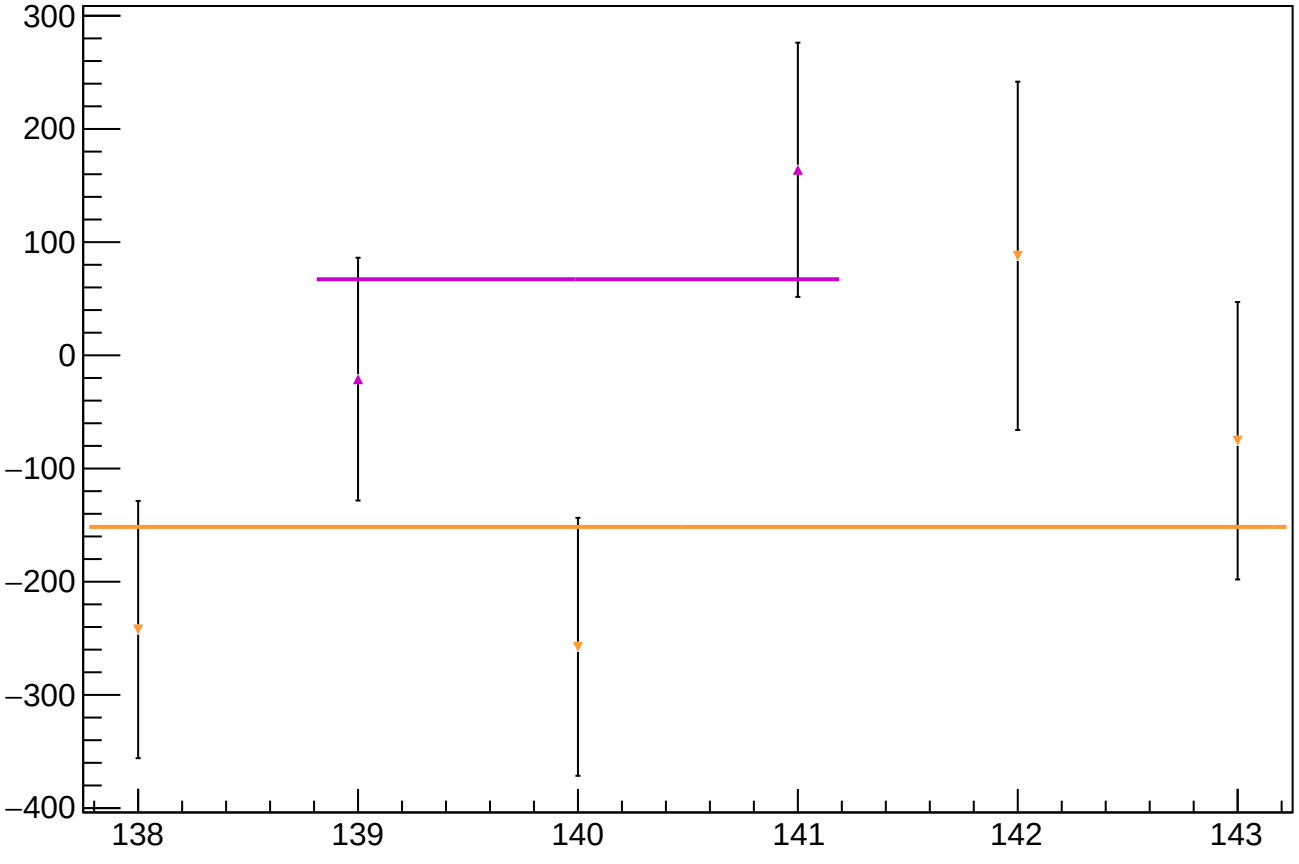
Left In: 1172.744+/-0.658 χ^2/NDF:82357.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1144.385+/-0.397 χ^2/NDF: 178381.9/5

- 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: -151.570+/-61.628 χ^2/NDF:4.3/3

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

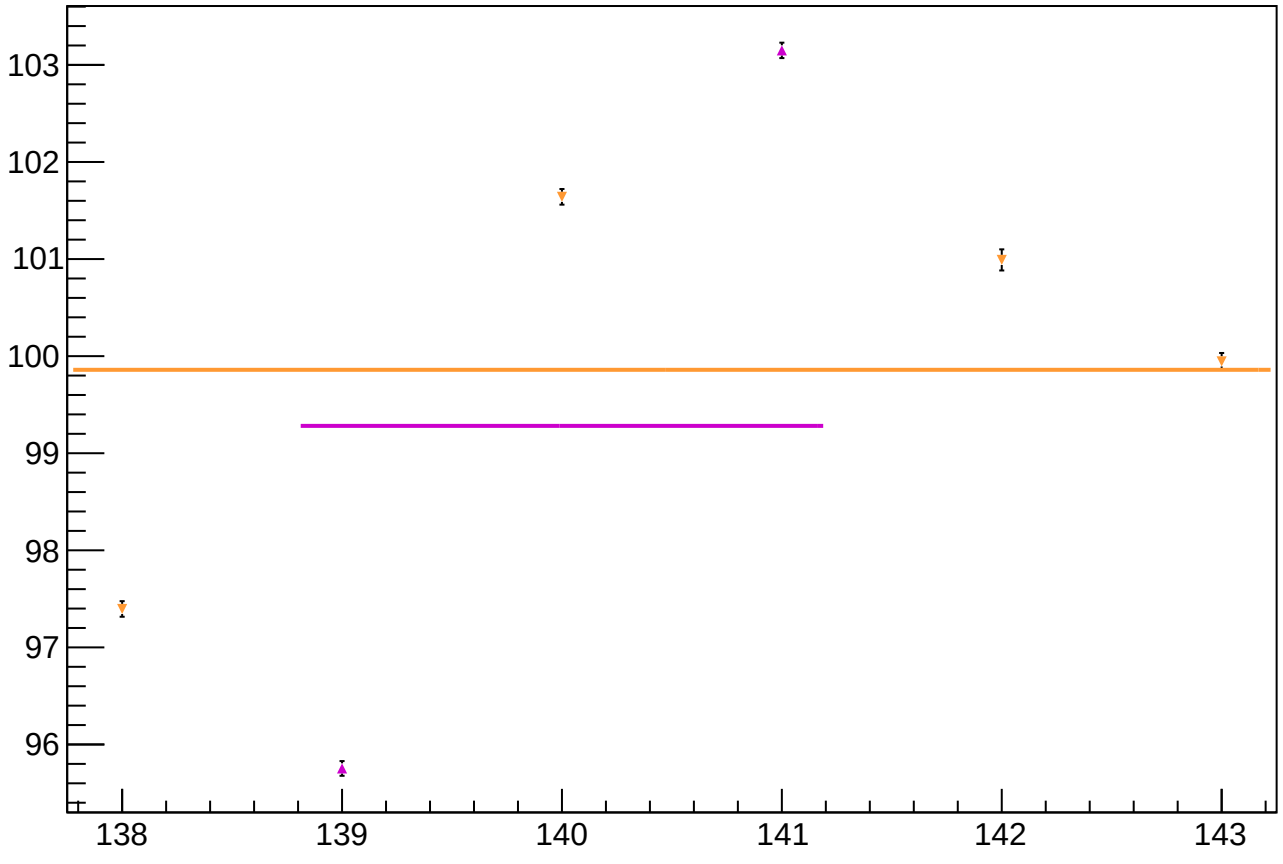
Left In: 67.213+/-77.560 χ^2/NDF:1.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -66.896+/-48.251 χ^2/NDF: 10.6/5

- 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: 99.859+/-0.044 χ^2/NDF:1538.3/3

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

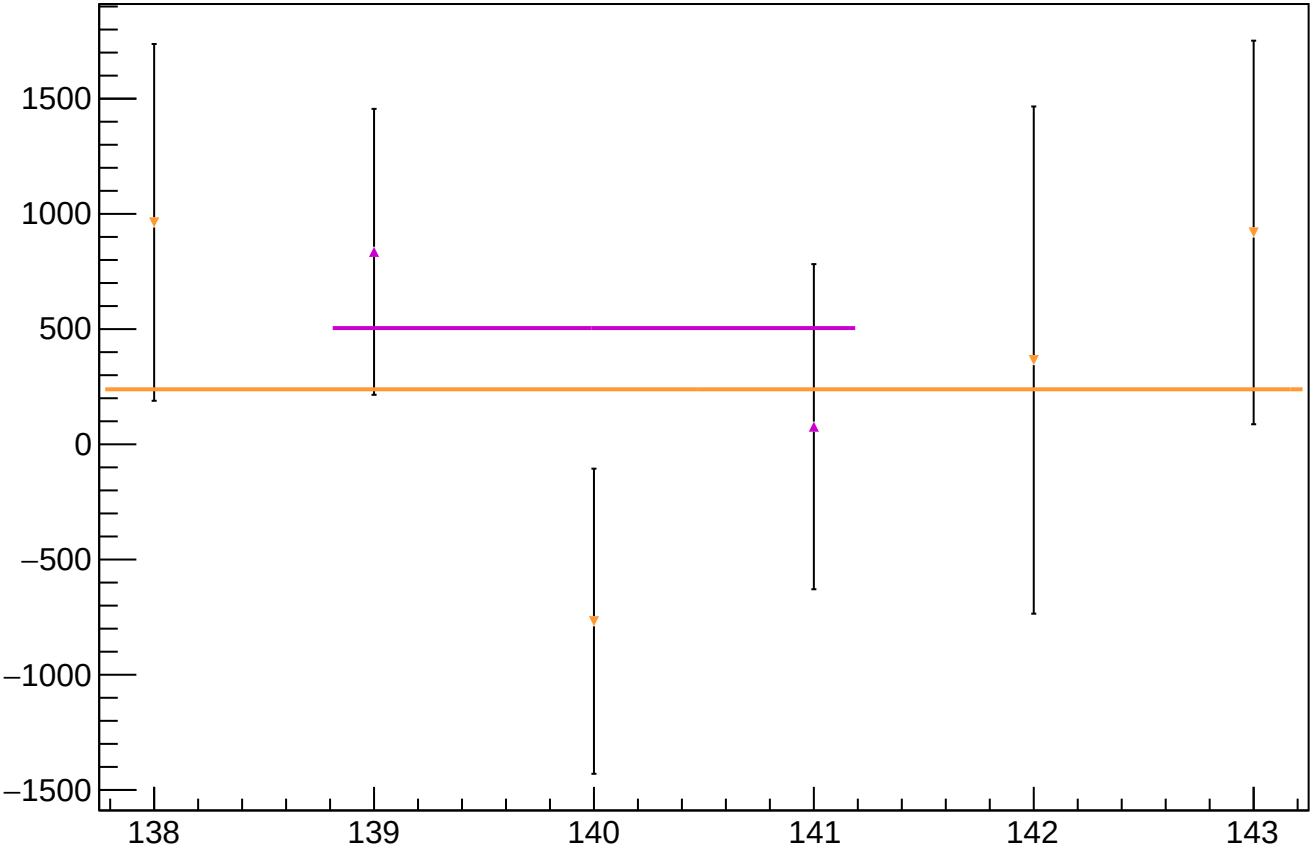
Left In: 99.282+/-0.055 χ^2/NDF:4537.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 99.636+/-0.034 χ^2/NDF: 6143.8/5

- 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: 238.759+/-401.011 χ^2/NDF:3.9/3

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

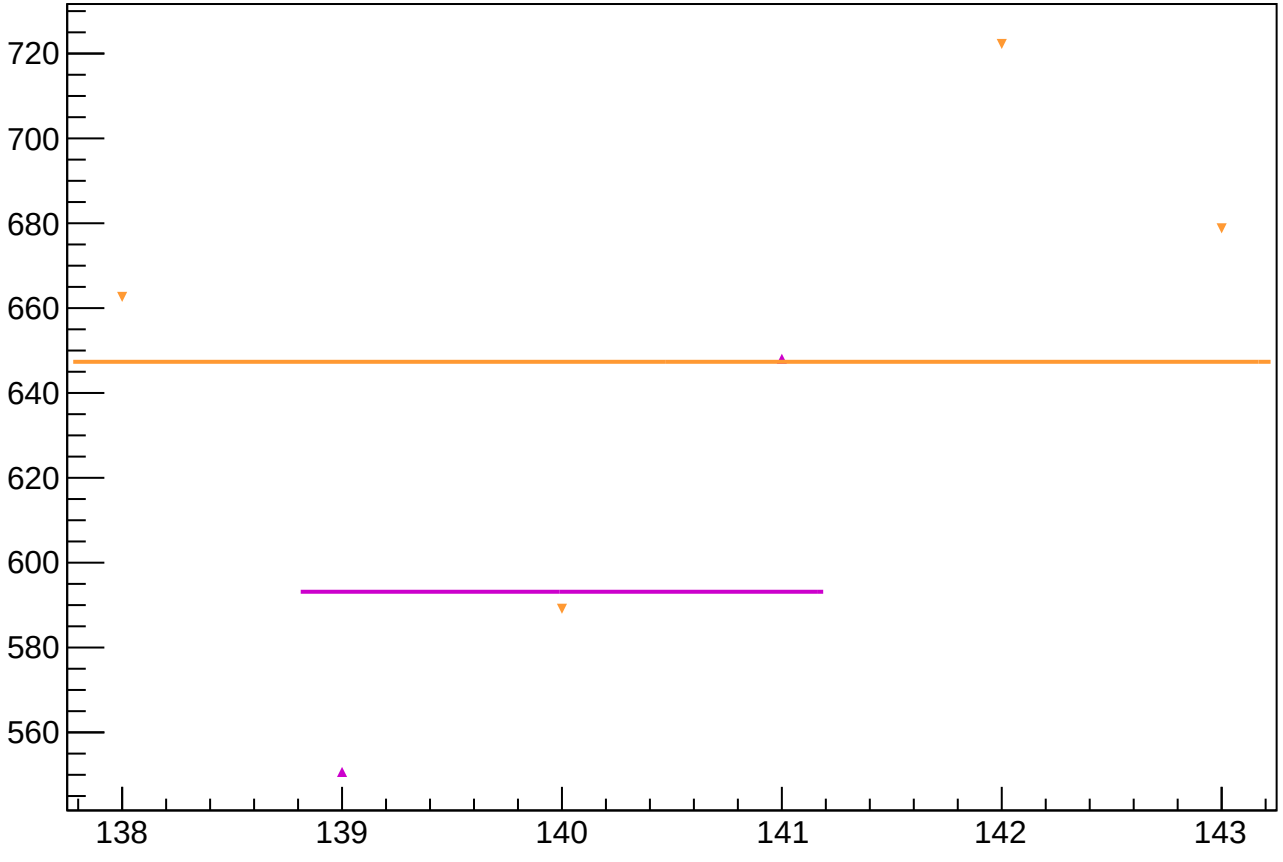
Left In: 504.431+/-465.904 χ^2/NDF:0.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 351.819+/-303.933 χ^2/NDF: 4.7/5

- 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: 647.346+/-0.284 χ^2/NDF:28361.4/3

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

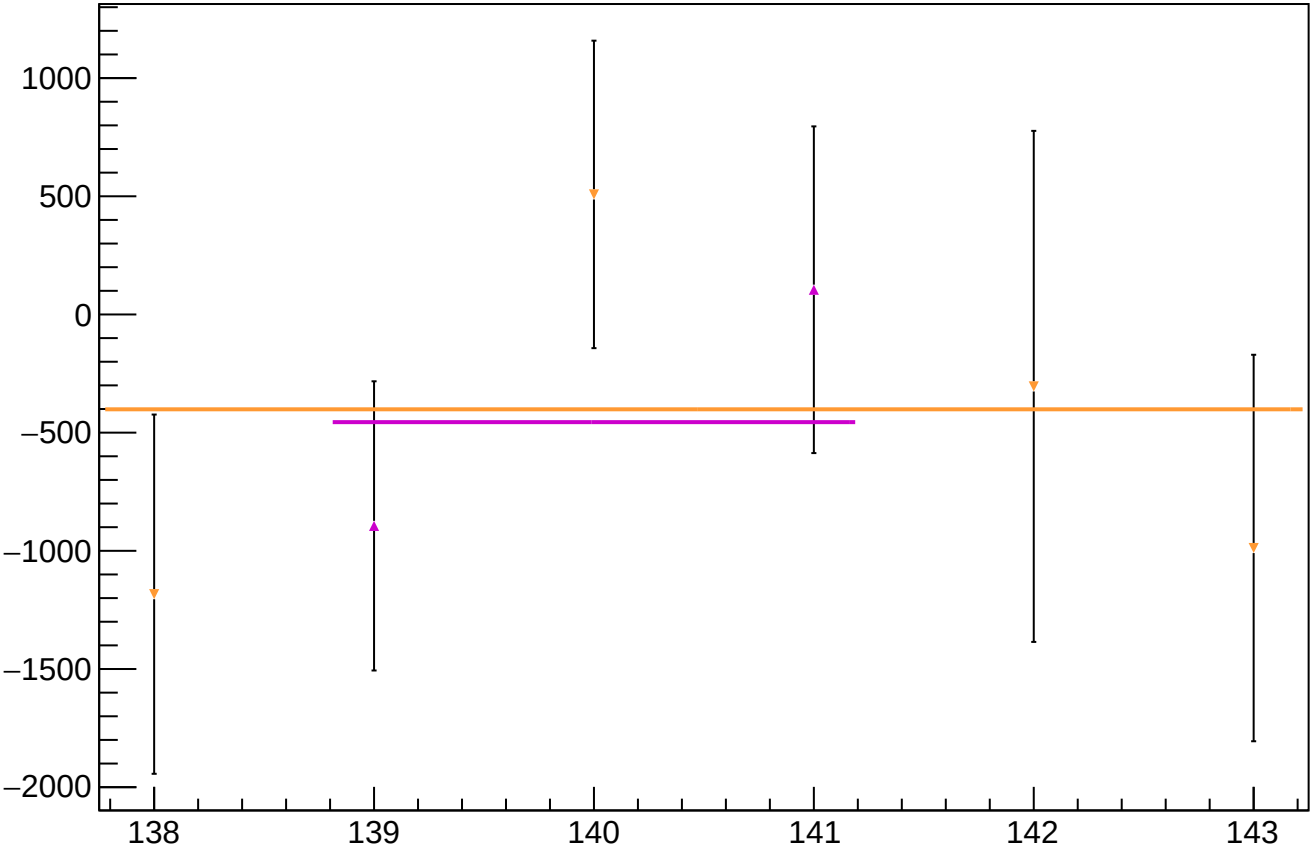
Left In: 593.146+/-0.329 χ^2/NDF:21488.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 624.281+/-0.215 χ^2/NDF: 65398.4/5

- 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: -401.275+/-393.841 χ^2/NDF:3.5/3

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

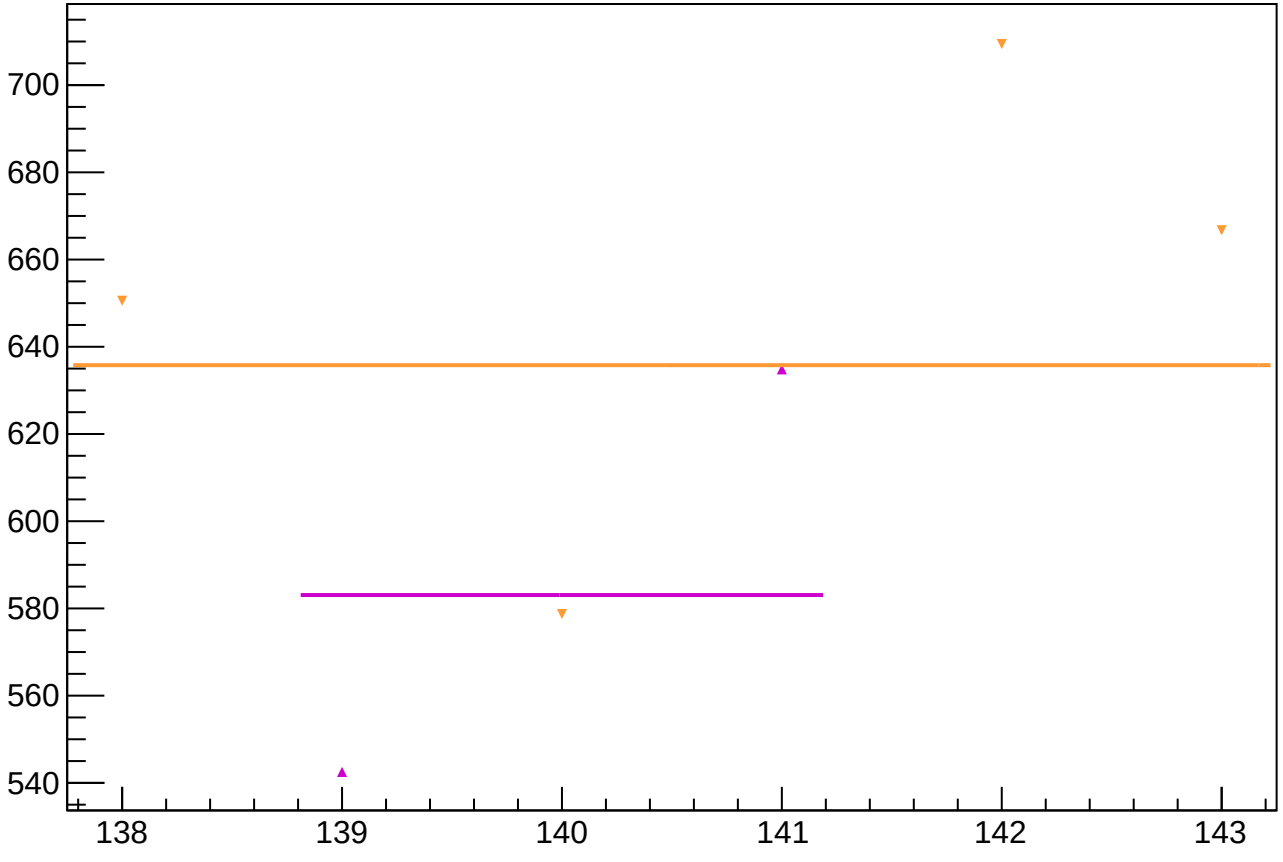
Left In: -455.557+/-458.078 χ^2/NDF:1.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -424.346+/-298.639 χ^2/NDF: 4.7/5

- 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: 635.780+/-0.278 χ^2/NDF:28294.3/3

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

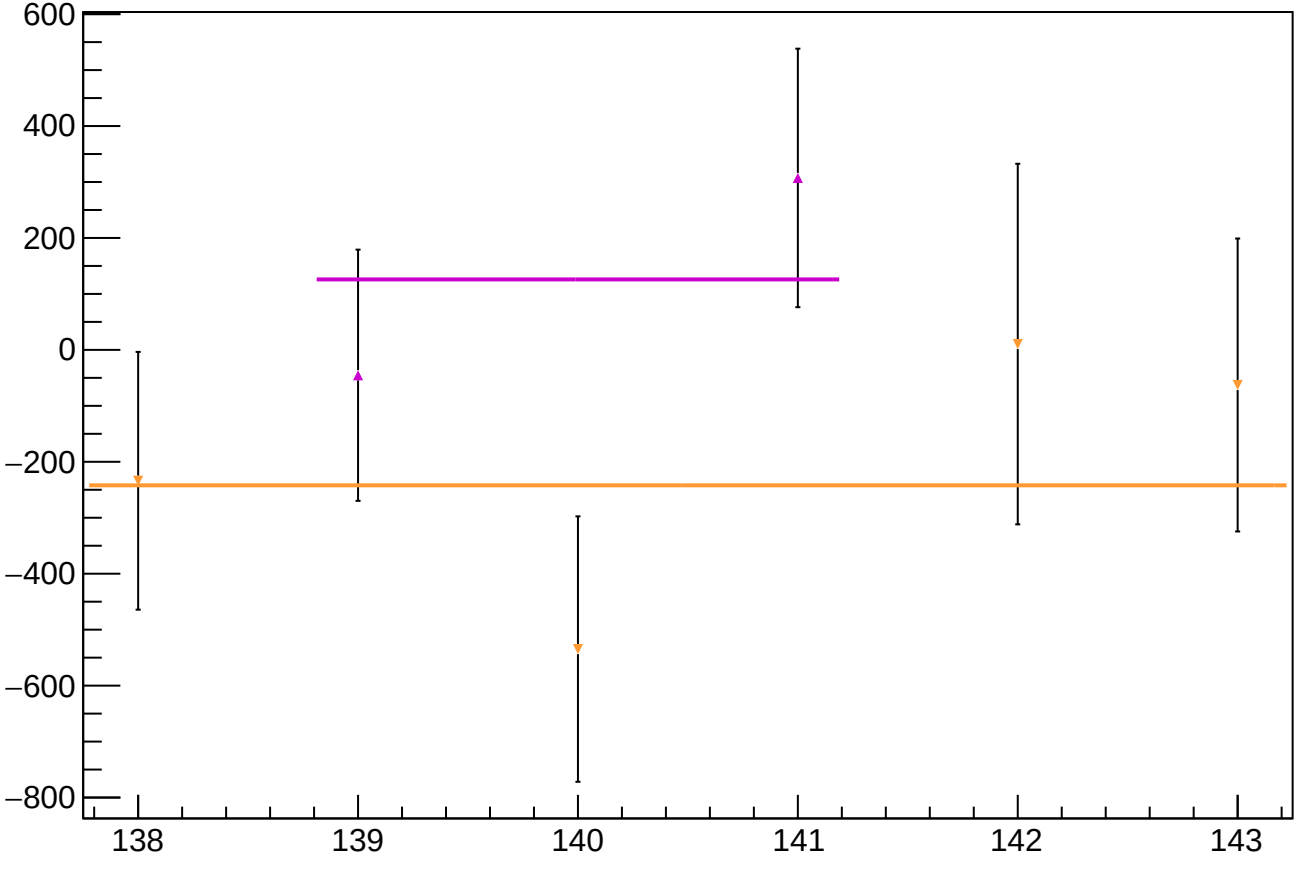
Left In: 583.070+/-0.324 χ^2/NDF:20007.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 613.377+/-0.211 χ^2/NDF: 63528.5/5

- 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: -242.062+/-128.190 χ^2/NDF:2.6/3

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

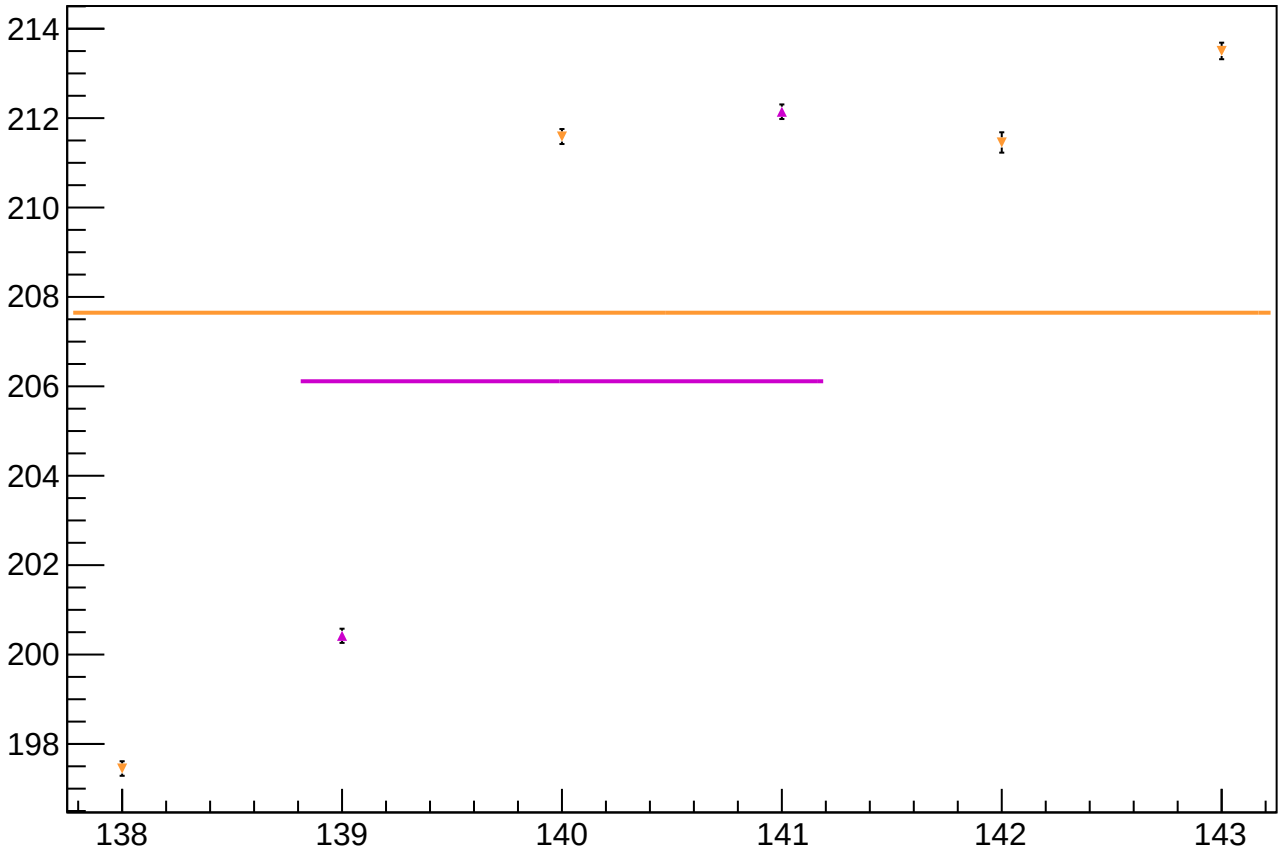
Left In: 125.919+/-160.980 χ^2/NDF:1.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -99.268+/-100.280 χ^2/NDF: 7.0/5

- 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: 207.647+/-0.091 χ^2/NDF:5752.4/3

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

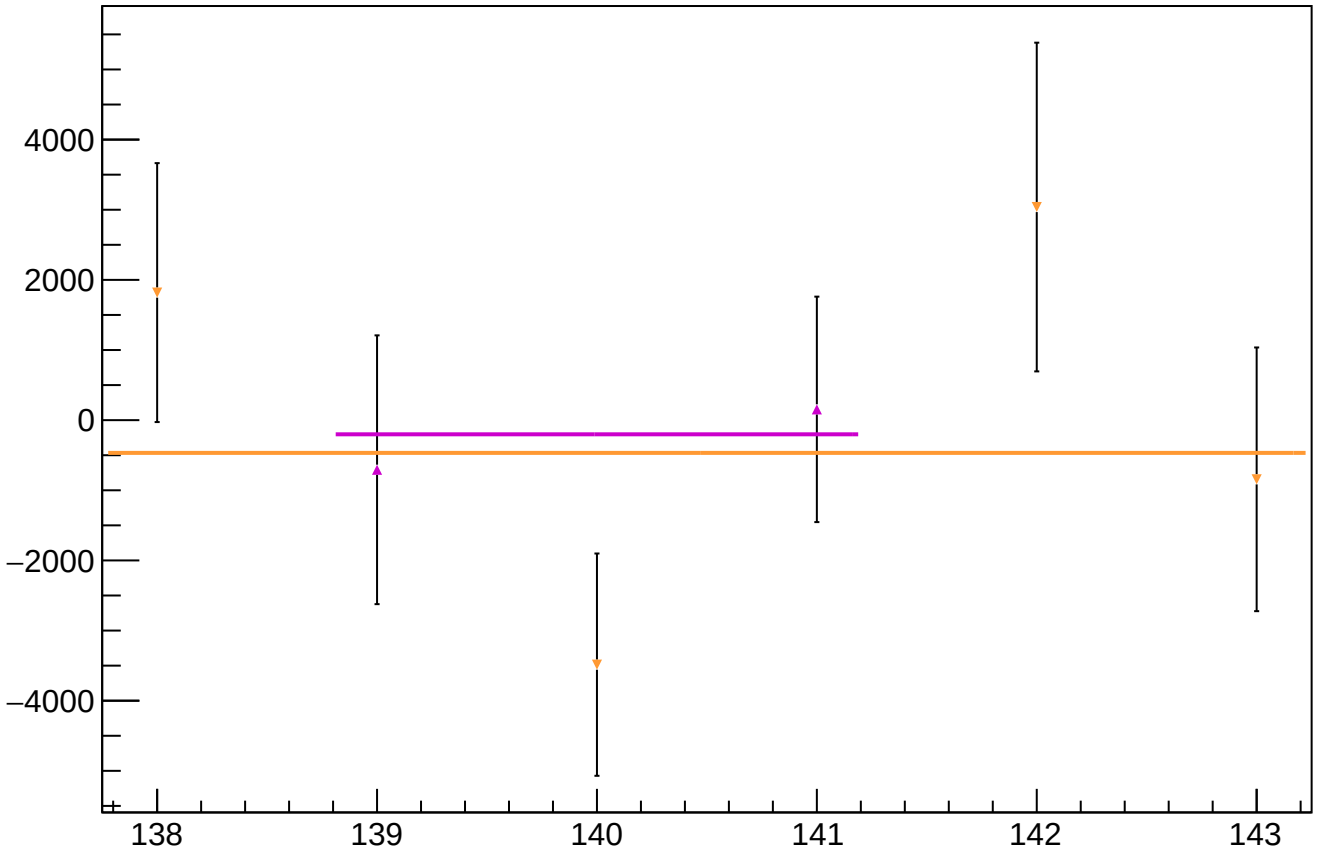
Left In: 206.113+/-0.114 χ^2/NDF:2649.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 207.052+/-0.071 χ^2/NDF: 8513.2/5

- 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: -466.674+/-929.772 χ^2/NDF:7.4/3

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

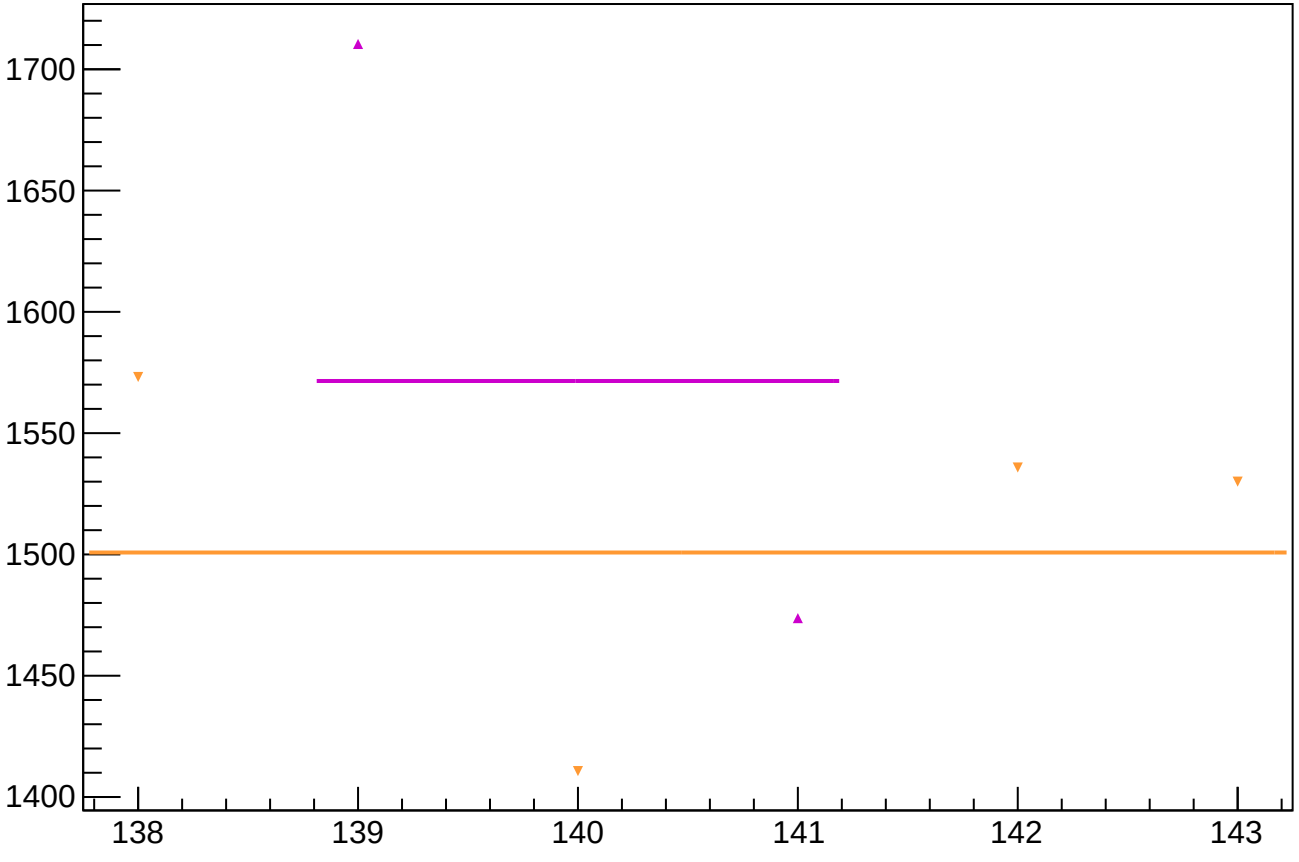
Left In: -201.814+/-1231.408 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -370.504+/-742.016 χ^2/NDF: 7.6/5

- 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: 1500.796+/-0.657 χ^2/NDF:10469.4/3

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

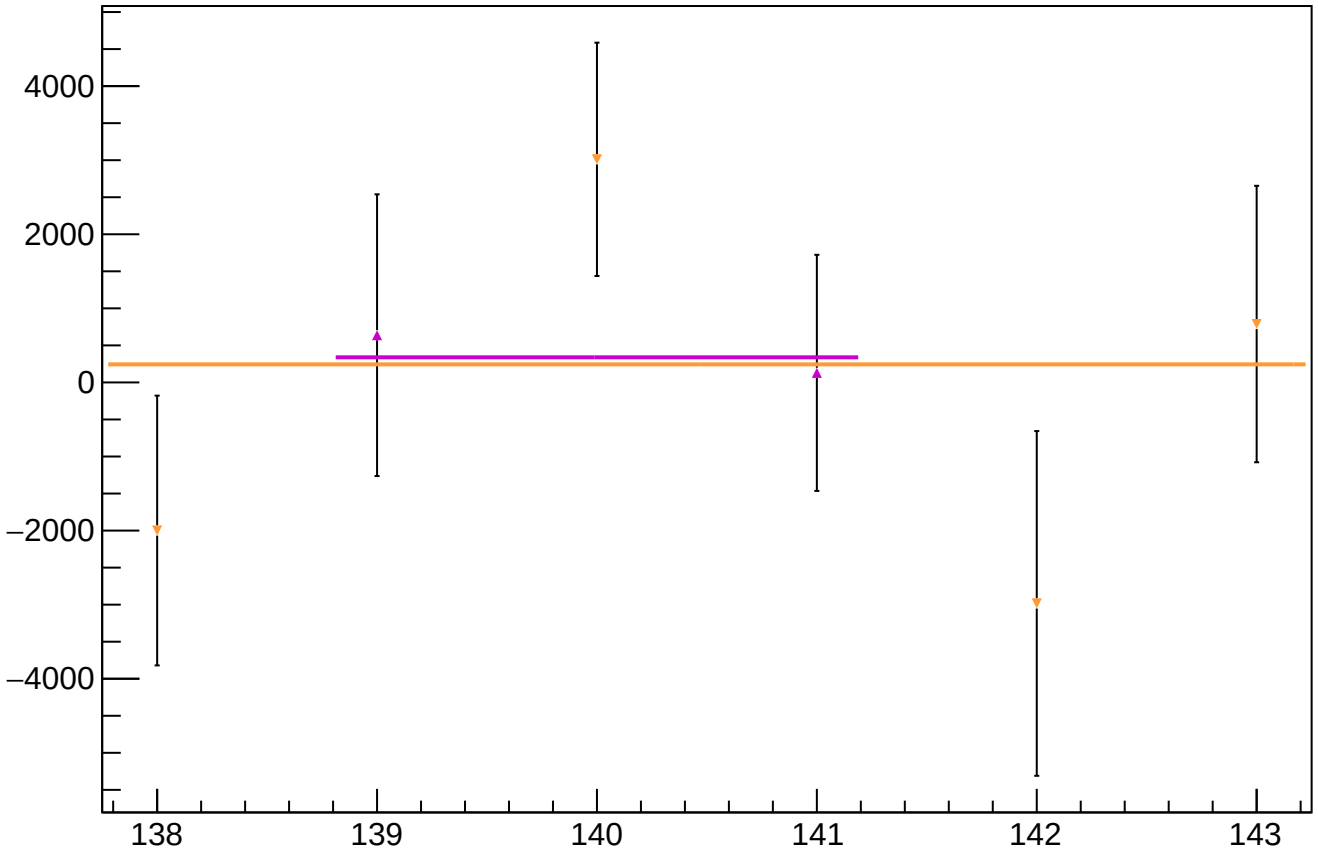
Left In: 1571.502+/-0.871 χ^2/NDF:17914.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1526.469+/-0.525 χ^2/NDF: 32583.2/5

- 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: 243.772+/-921.837 χ^2/NDF:6.6/3

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

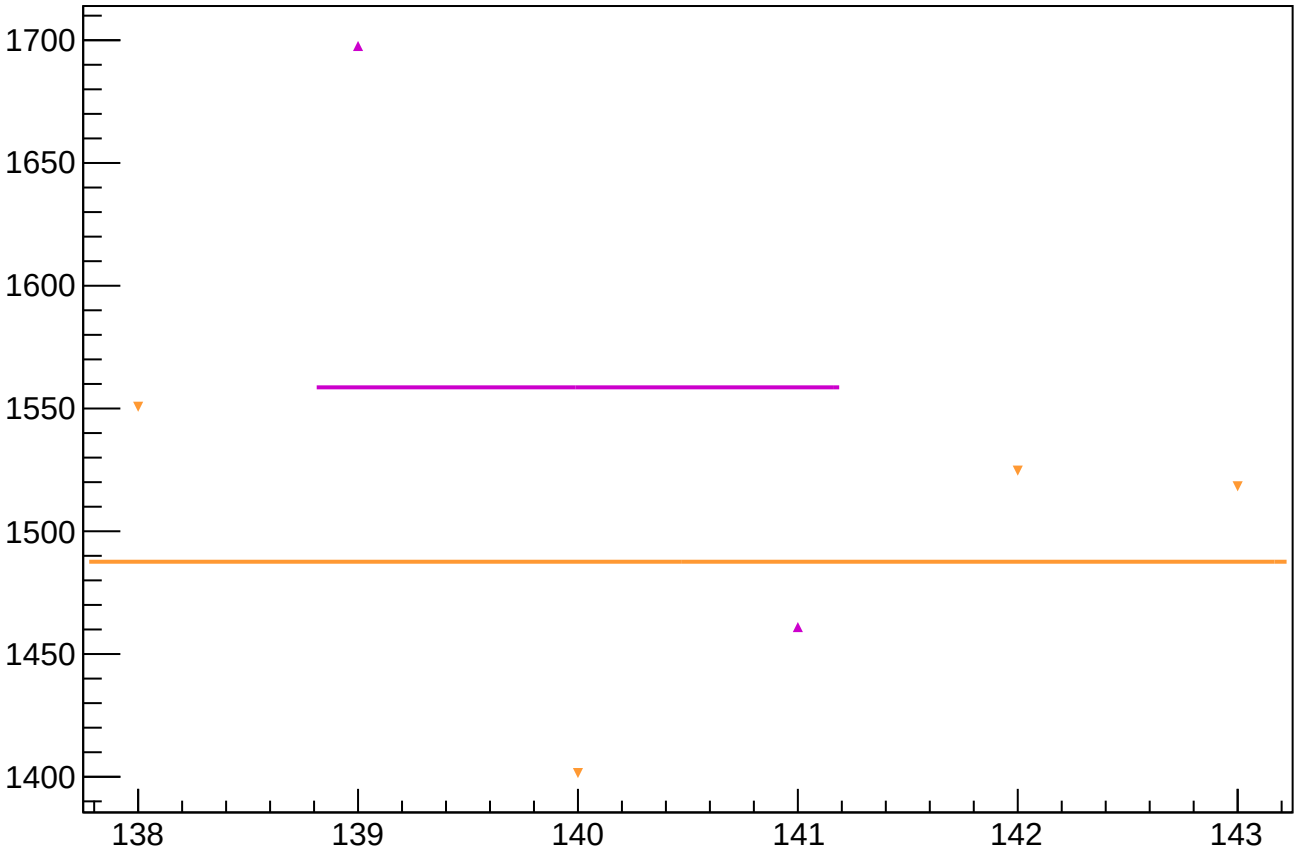
Left In: 338.883+/-1221.461 χ^2/NDF:0.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 278.286+/-735.807 χ^2/NDF: 6.7/5

- 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: 1487.595+/-0.652 χ^2/NDF:9428.7/3

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

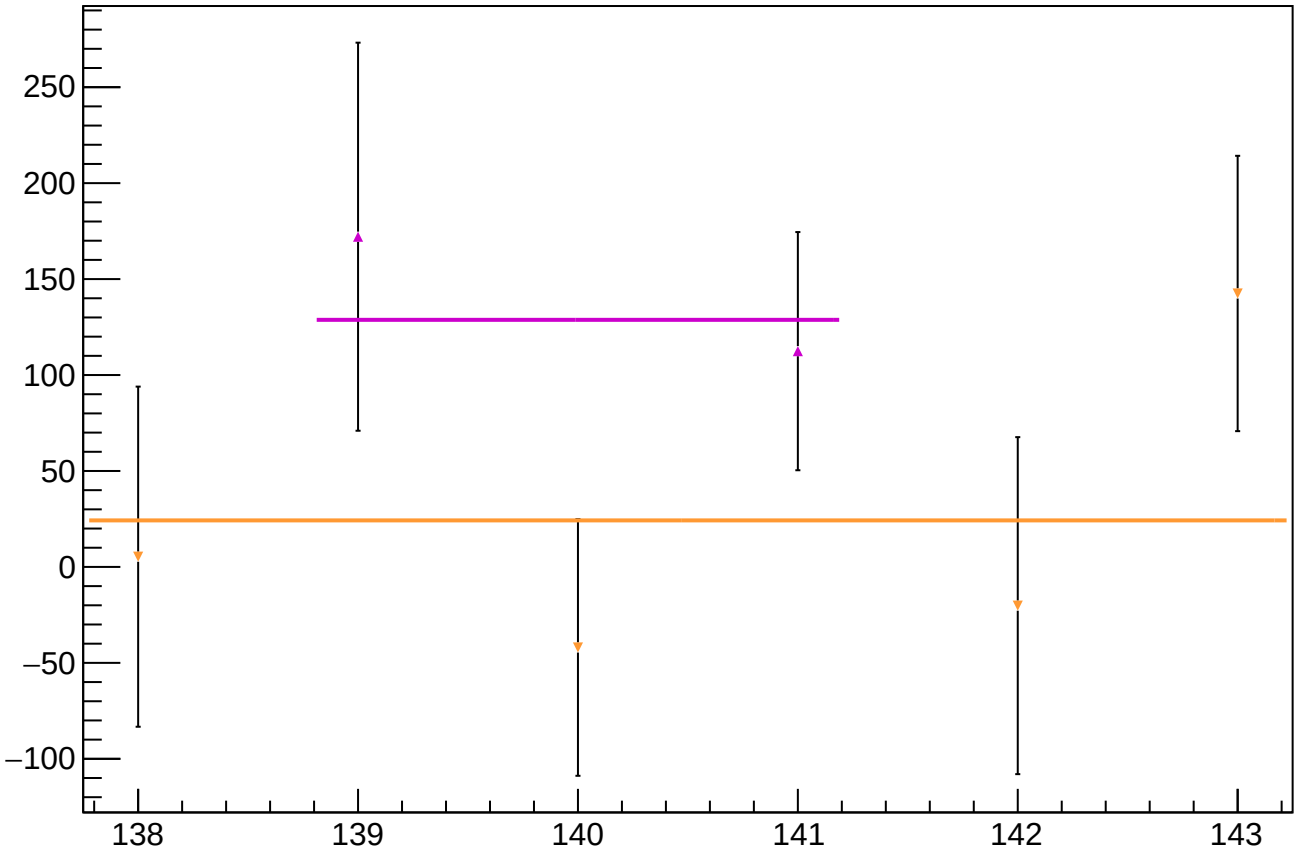
Left In: 1558.617+/-0.864 χ^2/NDF:18196.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1513.368+/-0.520 χ^2/NDF: 31933.5/5

- 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: 24.246+/-38.492 χ^2/NDF:4.0/3

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

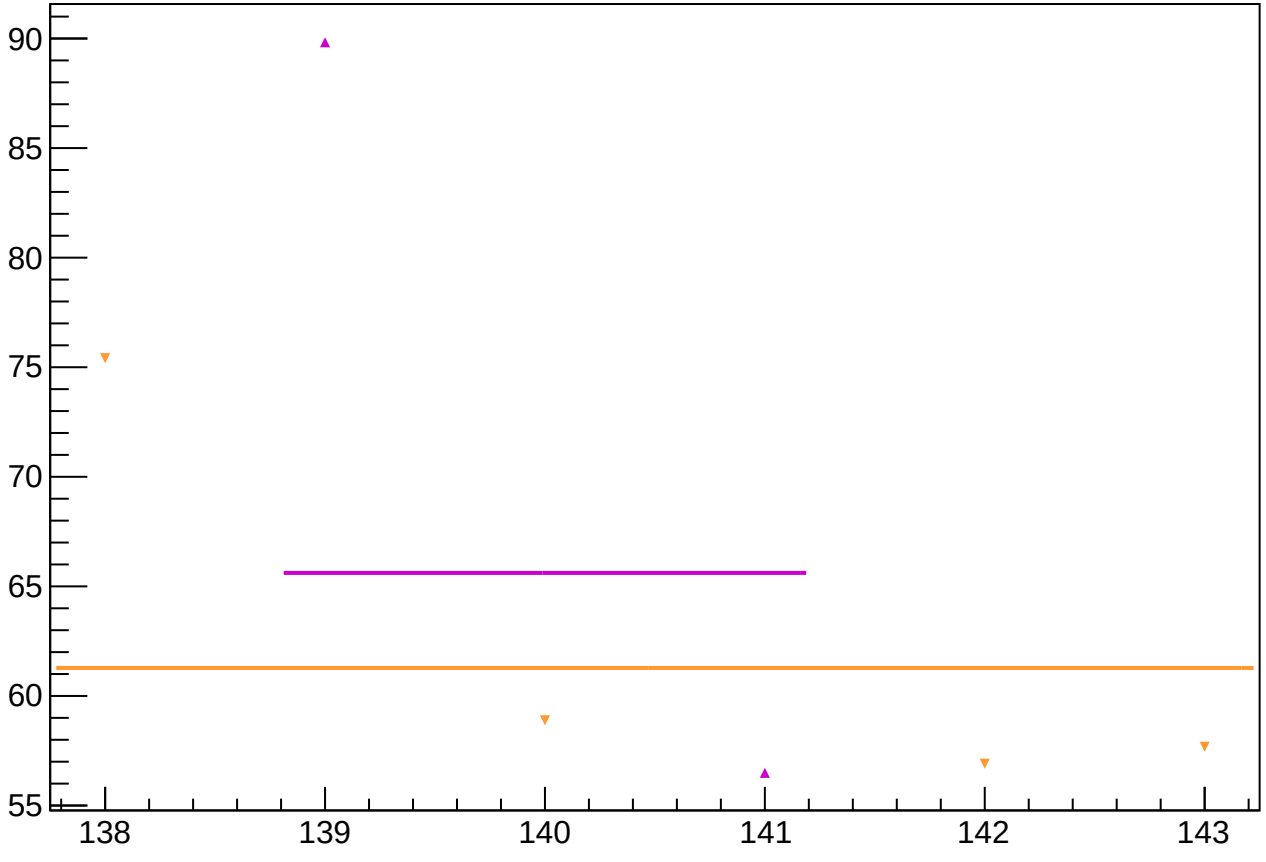
Left In: 128.764+/-52.895 χ^2/NDF:0.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 60.432+/-31.123 χ^2/NDF: 6.8/5

- 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: 61.277+/-0.027 χ^2/NDF:63398.3/3

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

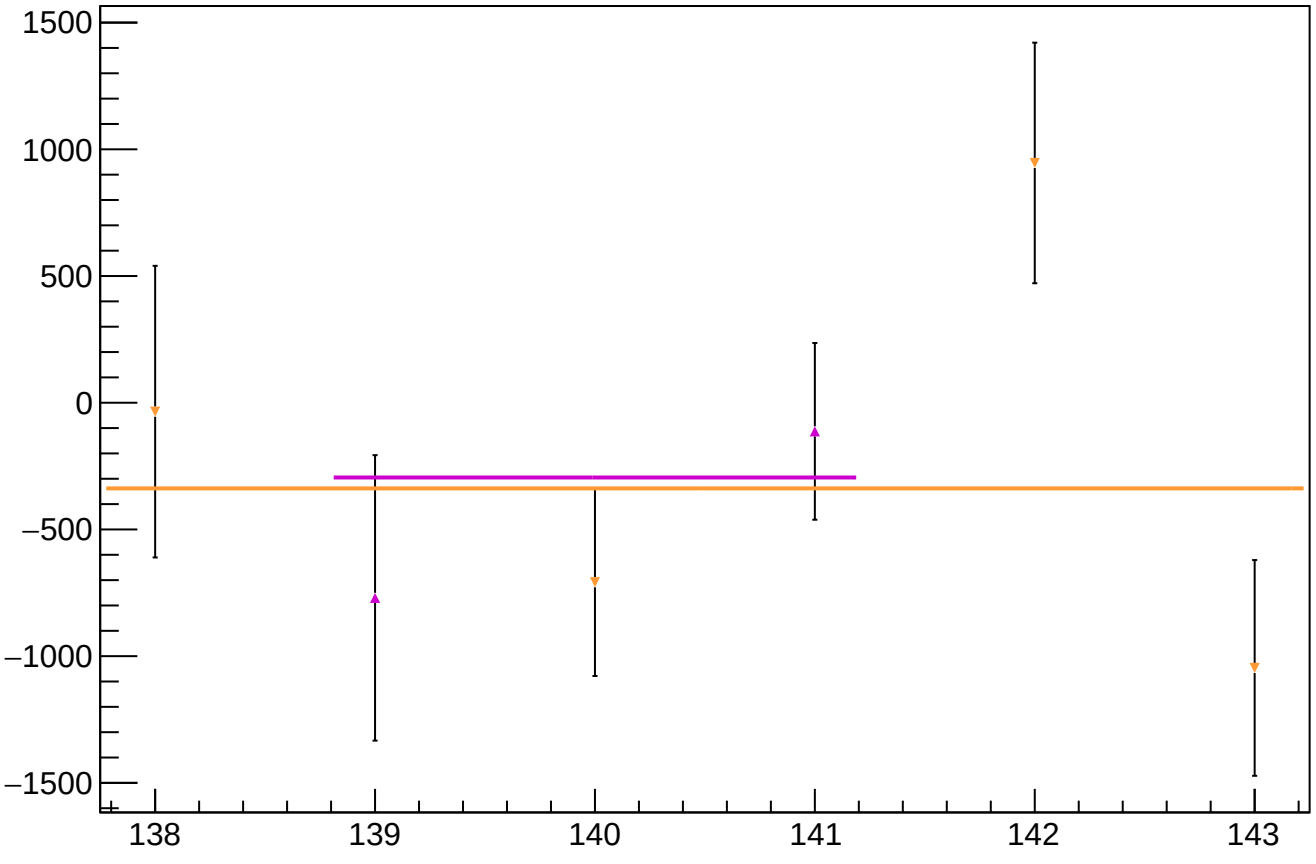
Left In: 65.614+/-0.037 χ^2/NDF:157914.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 62.779+/-0.022 χ^2/NDF: 230102.4/5

- 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: -337.918+/-222.062 χ^2/NDF:11.4/3

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

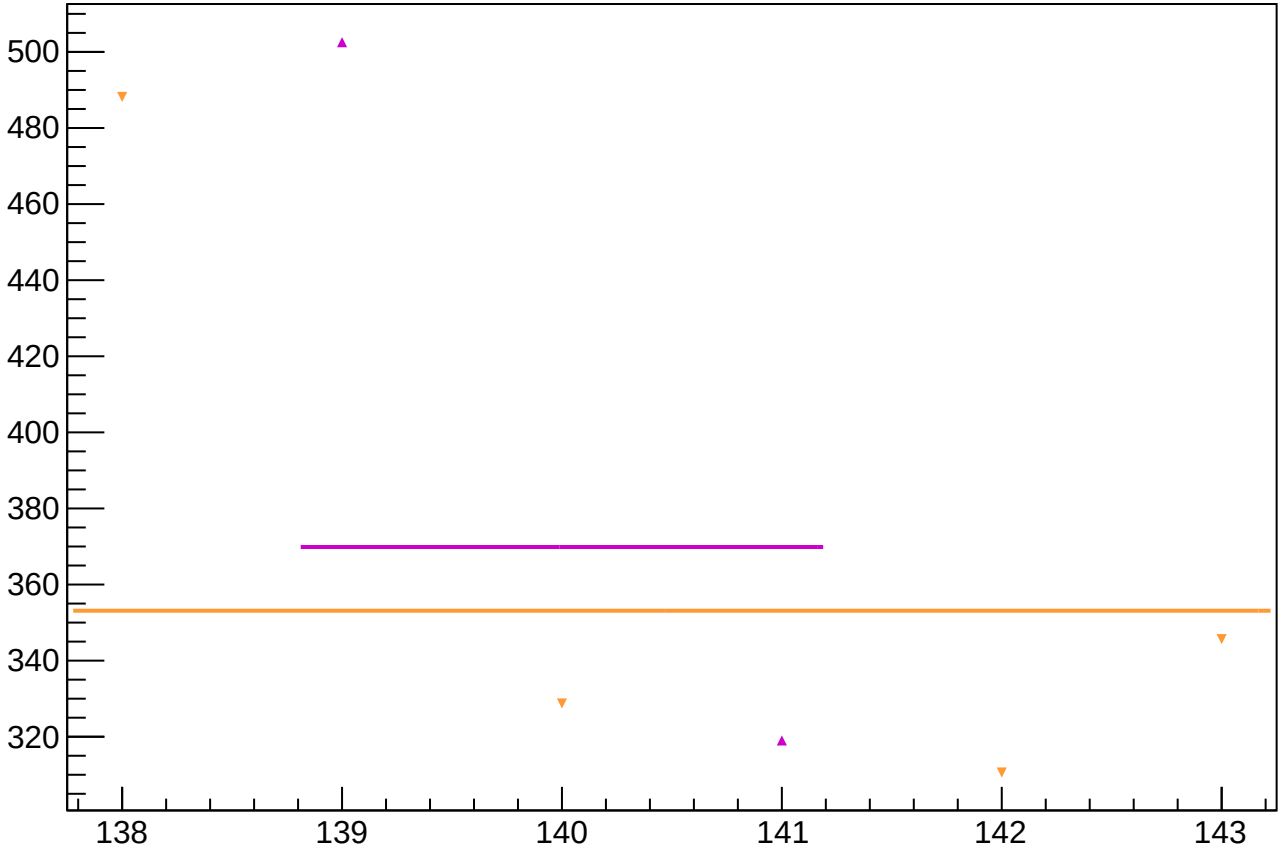
Left In: -294.981+/-296.464 χ^2/NDF:1.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -322.486+/-177.732 χ^2/NDF: 12.4/5

- 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: 353.122+/-0.157 χ^2/NDF:135557.9/3

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

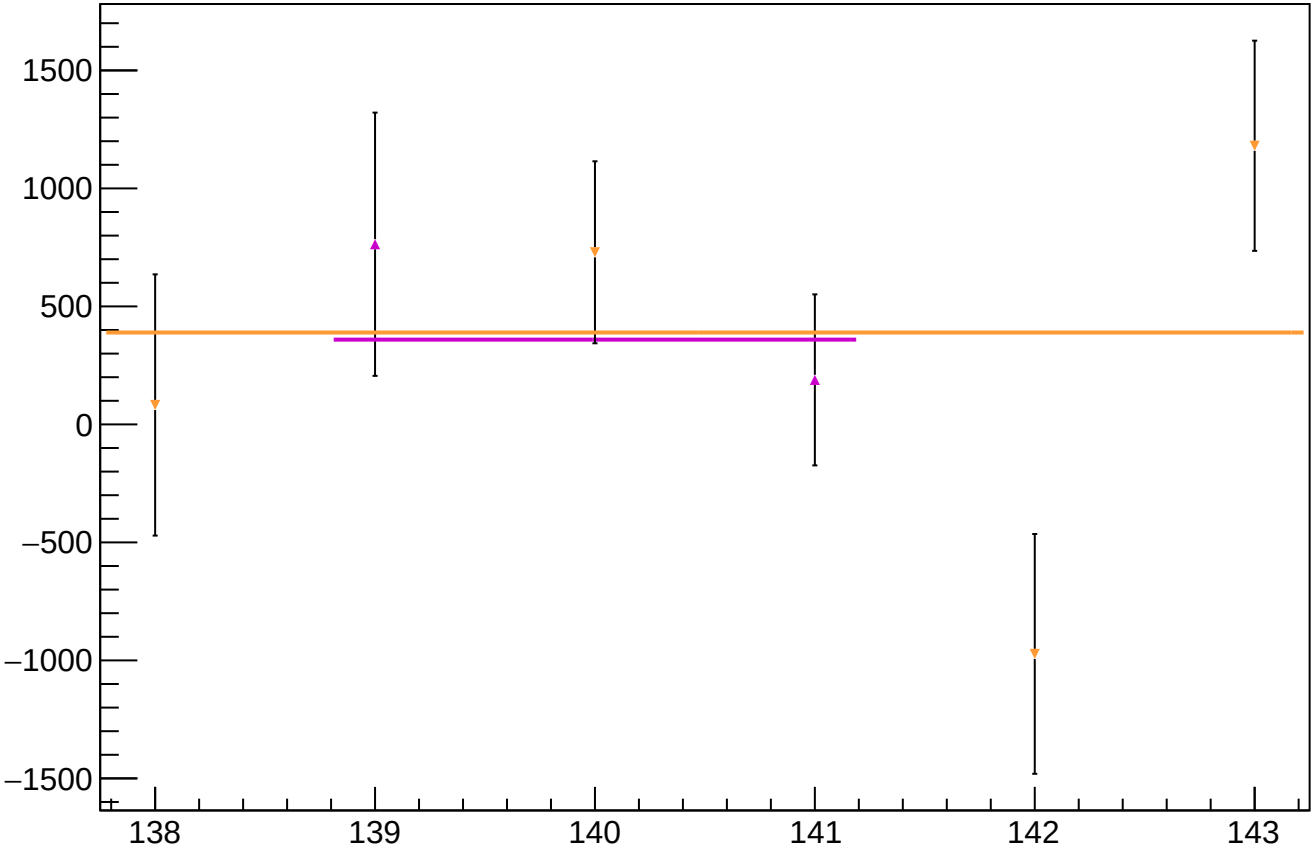
Left In: 369.869+/-0.210 χ^2/NDF:153523.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 359.141+/-0.126 χ^2/NDF: 293169.5/5

- 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: 389.314+/-229.984 χ^2/NDF:11.4/3

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

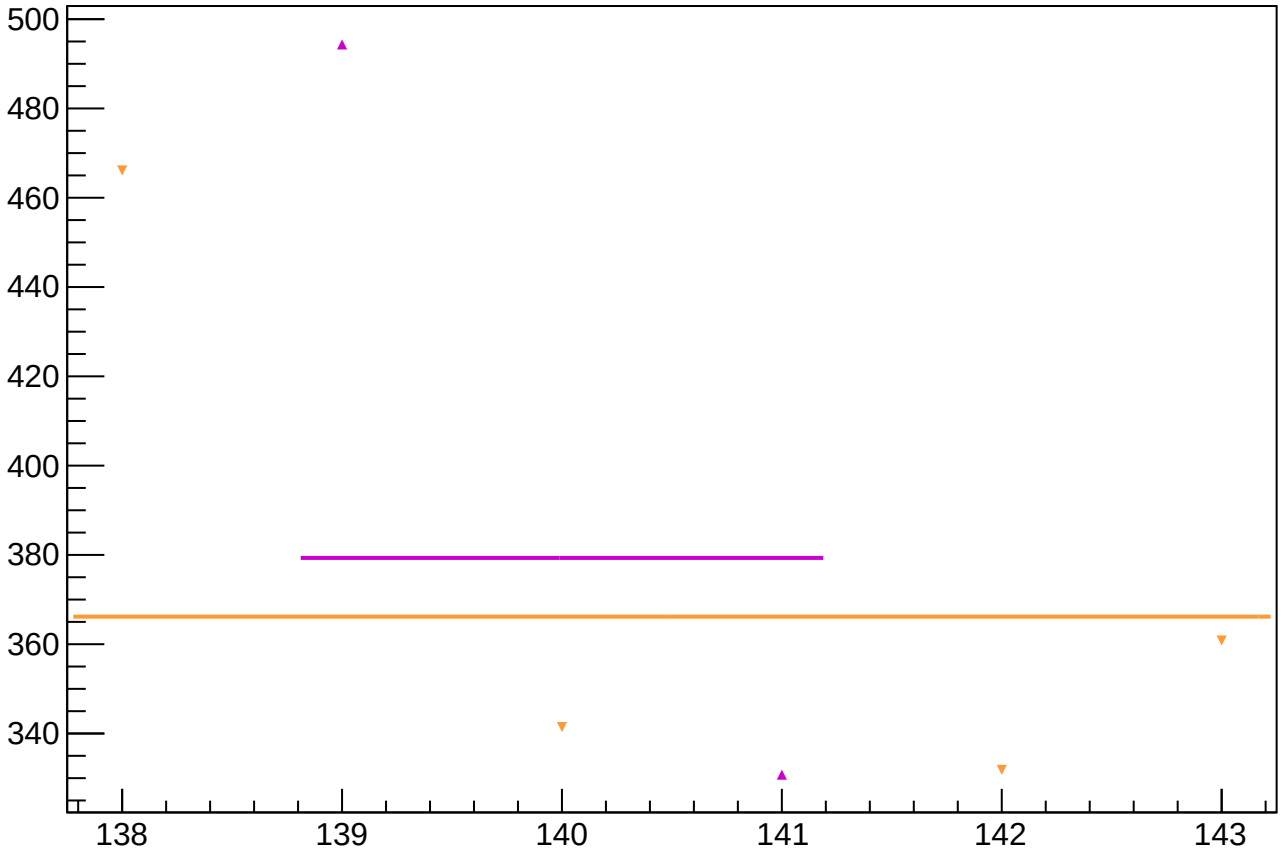
Left In: 359.246+/-303.878 χ^2/NDF:0.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 378.363+/-183.384 χ^2/NDF: 12.2/5

- 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: 366.172+/-0.163 χ^2/NDF:82847.2/3

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

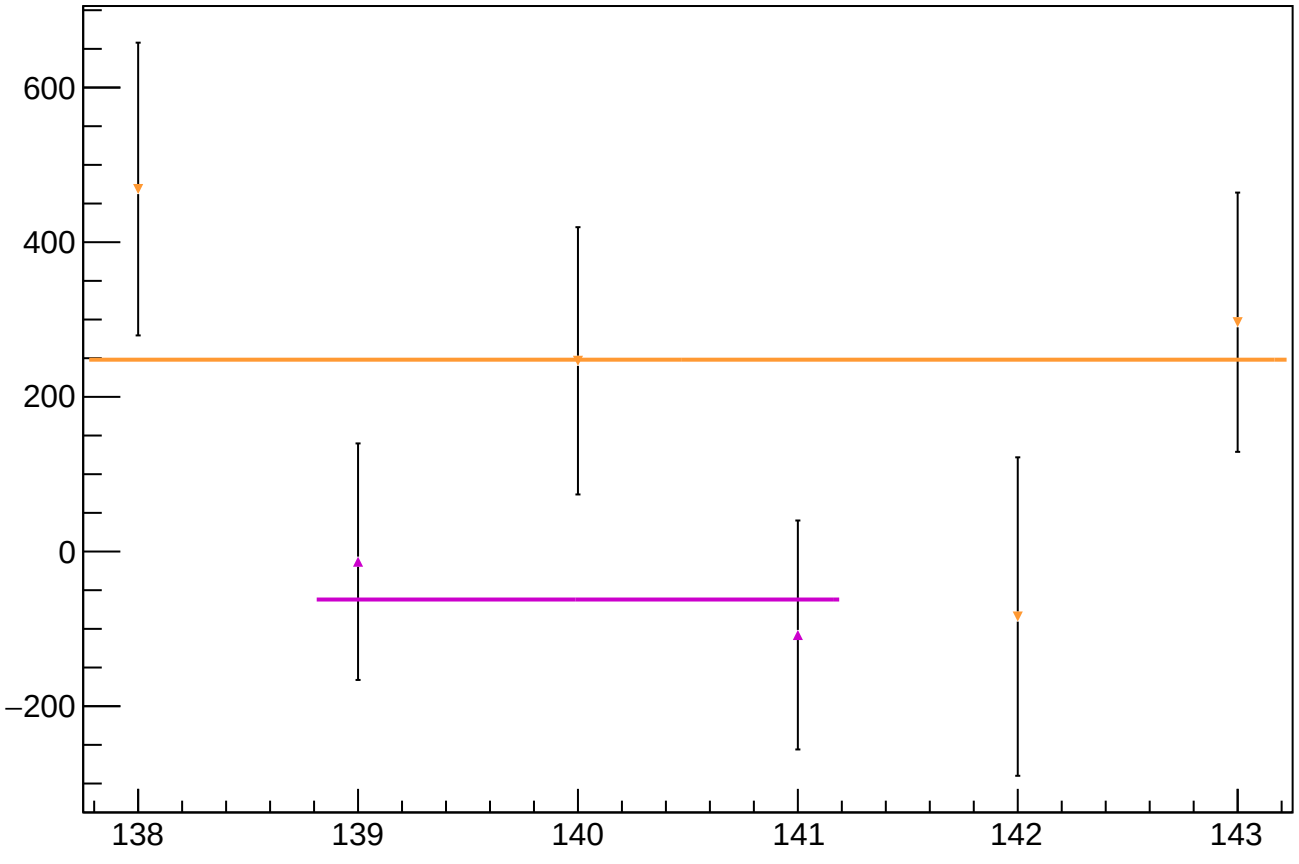
Left In: 379.331+/-0.215 χ^2/NDF:120931.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 370.965+/-0.130 χ^2/NDF: 206163.1/5

- 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: 248.078+/-91.072 χ^2/NDF:4.0/3

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

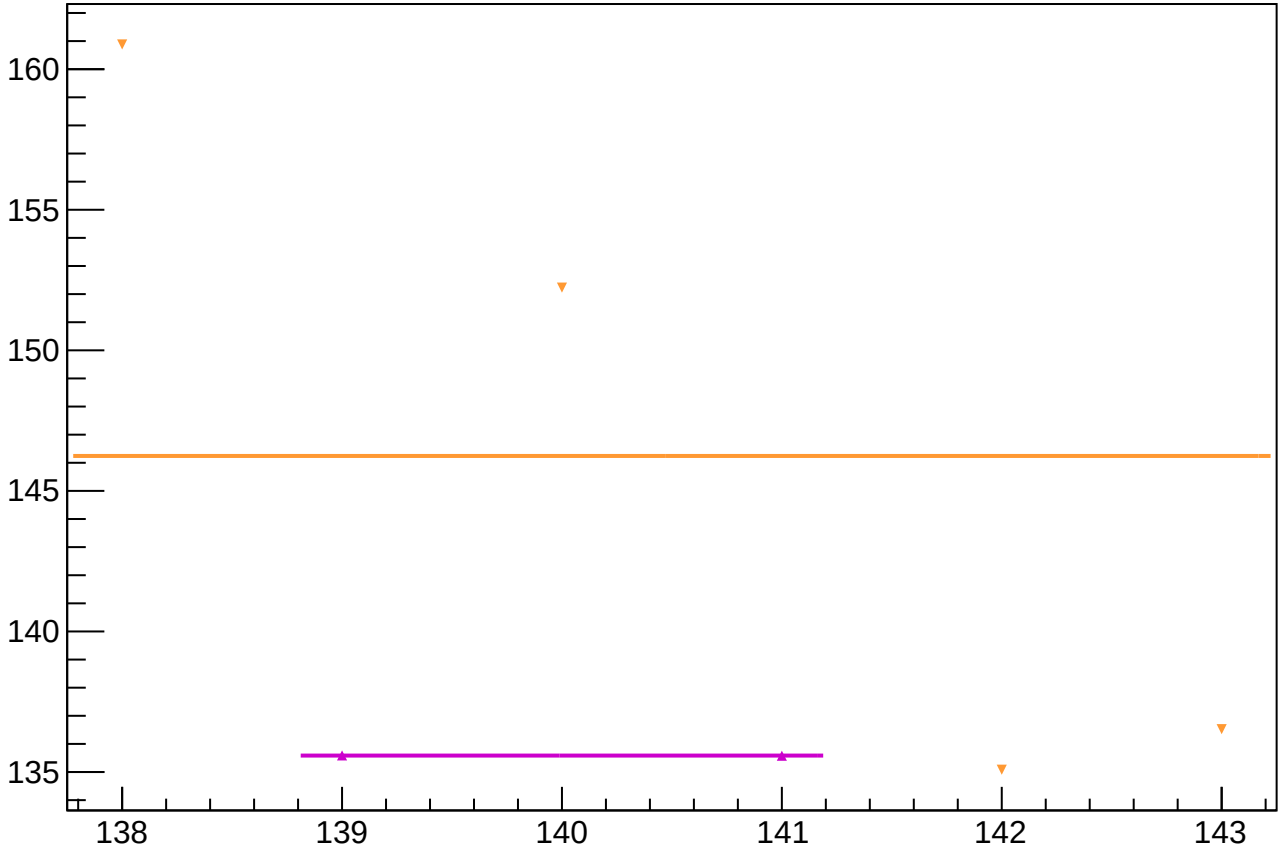
Left In: -62.066+/-106.366 χ^2/NDF:0.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 116.888+/-69.179 χ^2/NDF: 9.1/5

- 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: 146.243+/-0.064 χ^2/NDF:26960.0/3

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

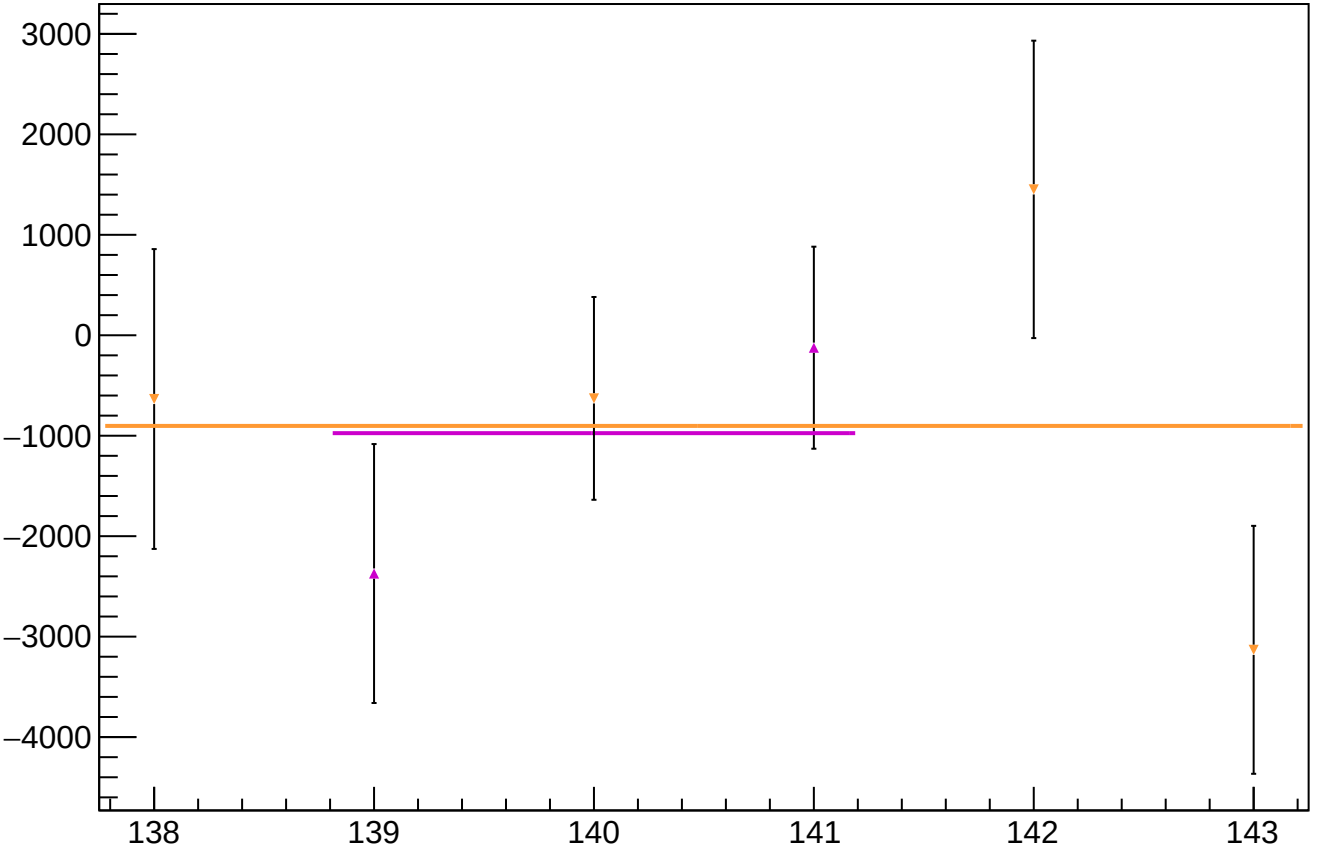
Left In: 135.585+/-0.075 χ^2/NDF:0.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 141.735+/-0.049 χ^2/NDF: 38545.8/5

- 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: -902.298+/-627.048 χ^2/NDF:5.9/3

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

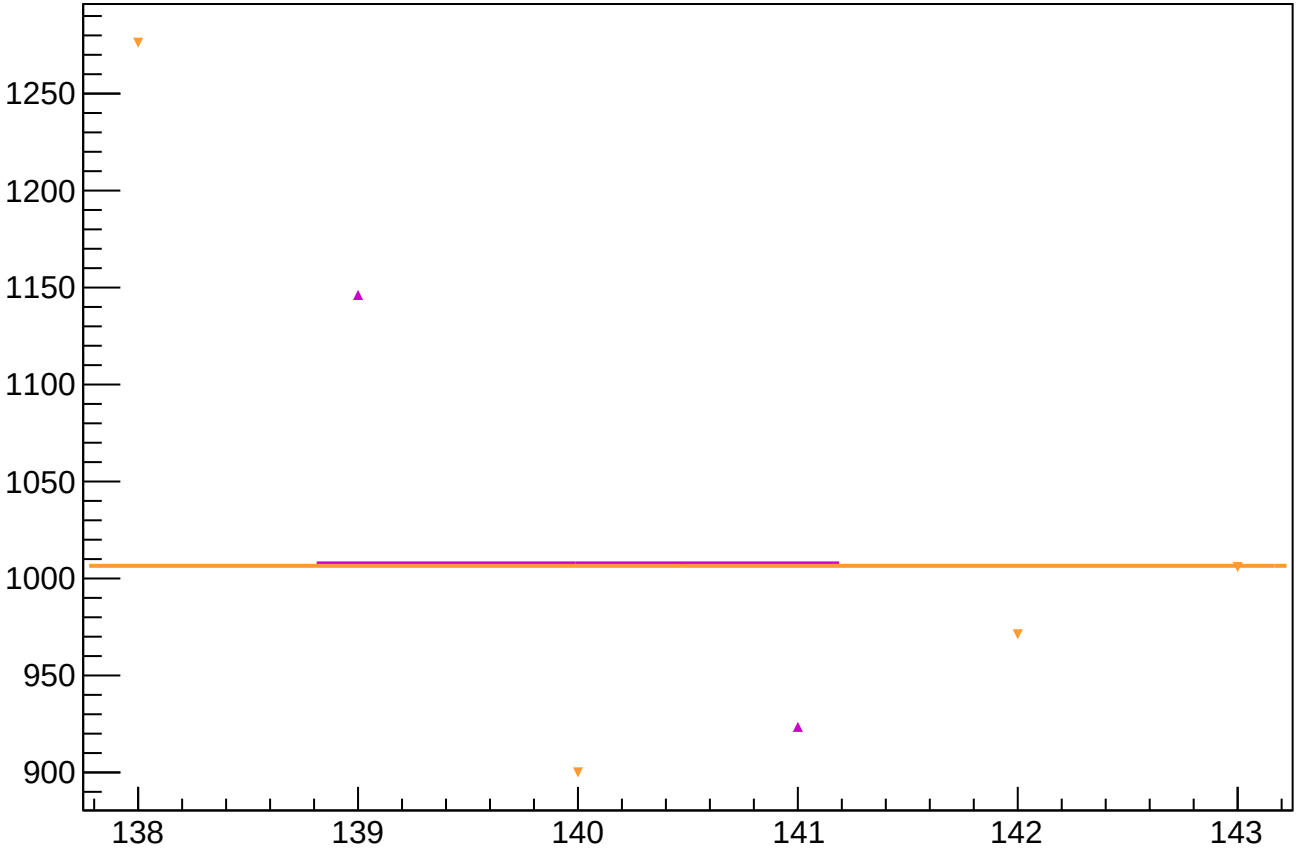
Left In: -974.445+/-792.851 χ^2/NDF:1.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -930.060+/-491.823 χ^2/NDF: 7.8/5

- 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: 1006.538+/-0.443 χ^2/NDF:88725.9/3

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

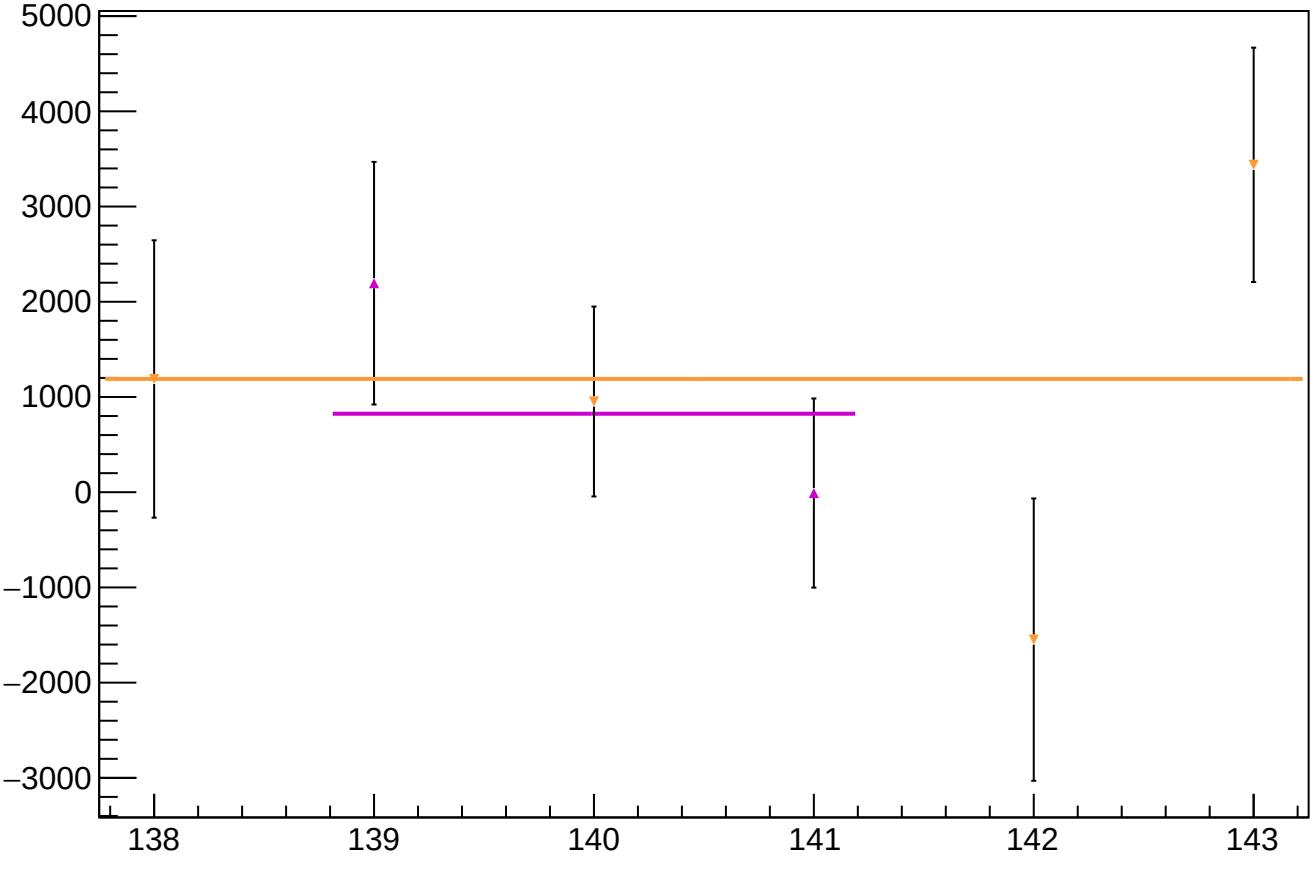
Left In: 1007.773+/-0.561 χ^2/NDF:37111.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1007.013+/-0.348 χ^2/NDF: 125840.7/5

- 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: 1189.599+/-621.082 χ^2/NDF:6.8/3

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

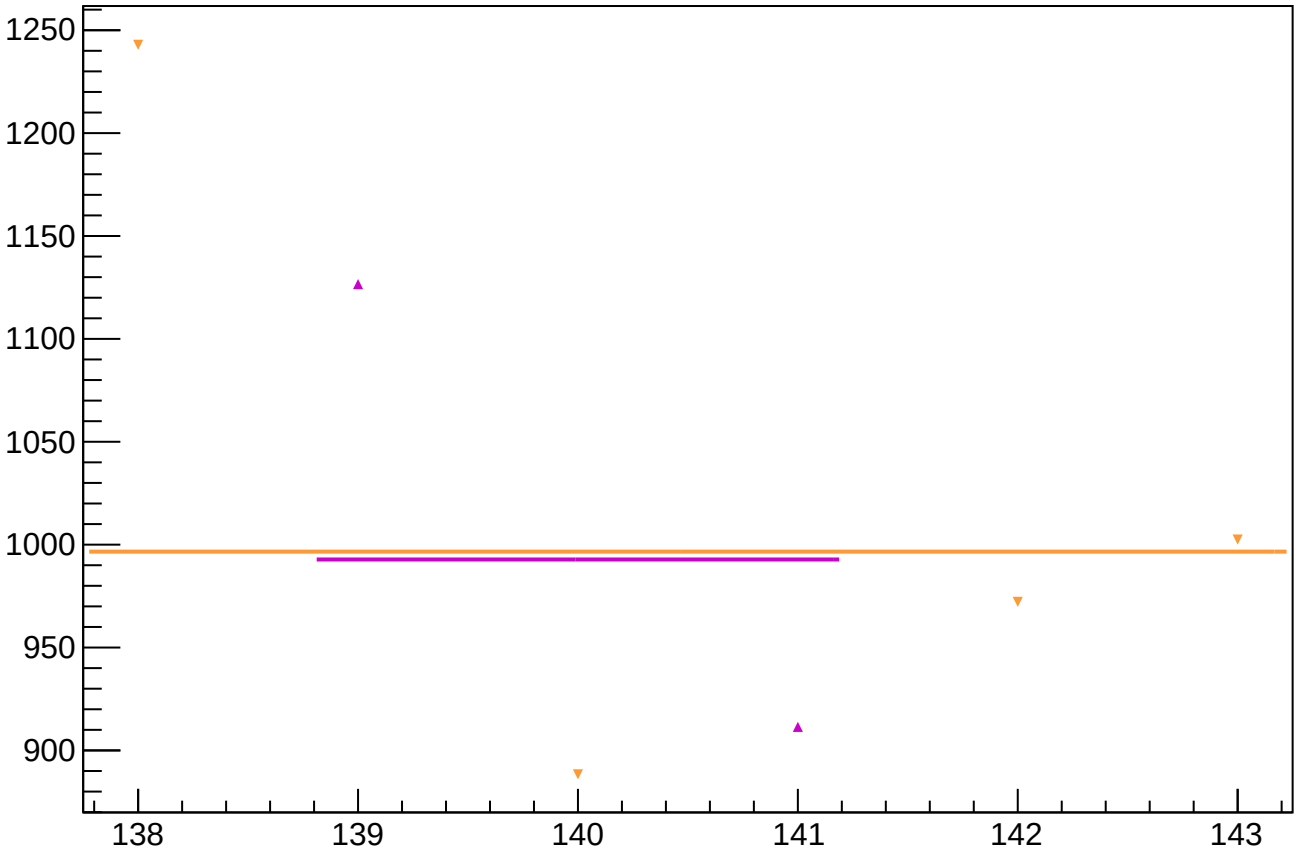
Left In: 824.121+/-783.204 χ^2/NDF:1.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1048.498+/-486.641 χ^2/NDF: 8.8/5

- 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: 996.616+/-0.439 χ^2/NDF:81342.4/3

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

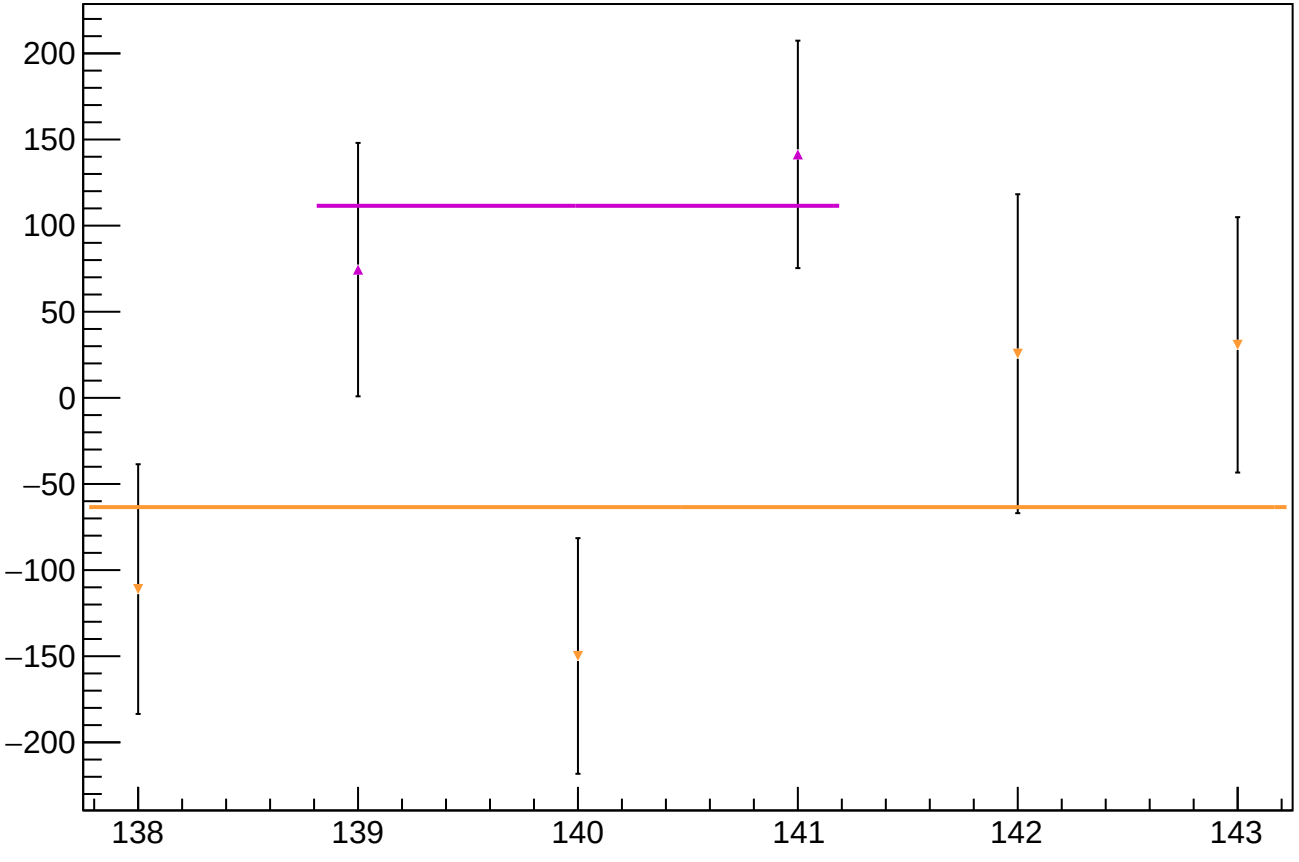
Left In: 992.790+/-0.554 χ^2/NDF:35496.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 995.139+/-0.344 χ^2/NDF: 116867.7/5

- 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: -63.426+/-37.726 χ^2/NDF:4.6/3

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

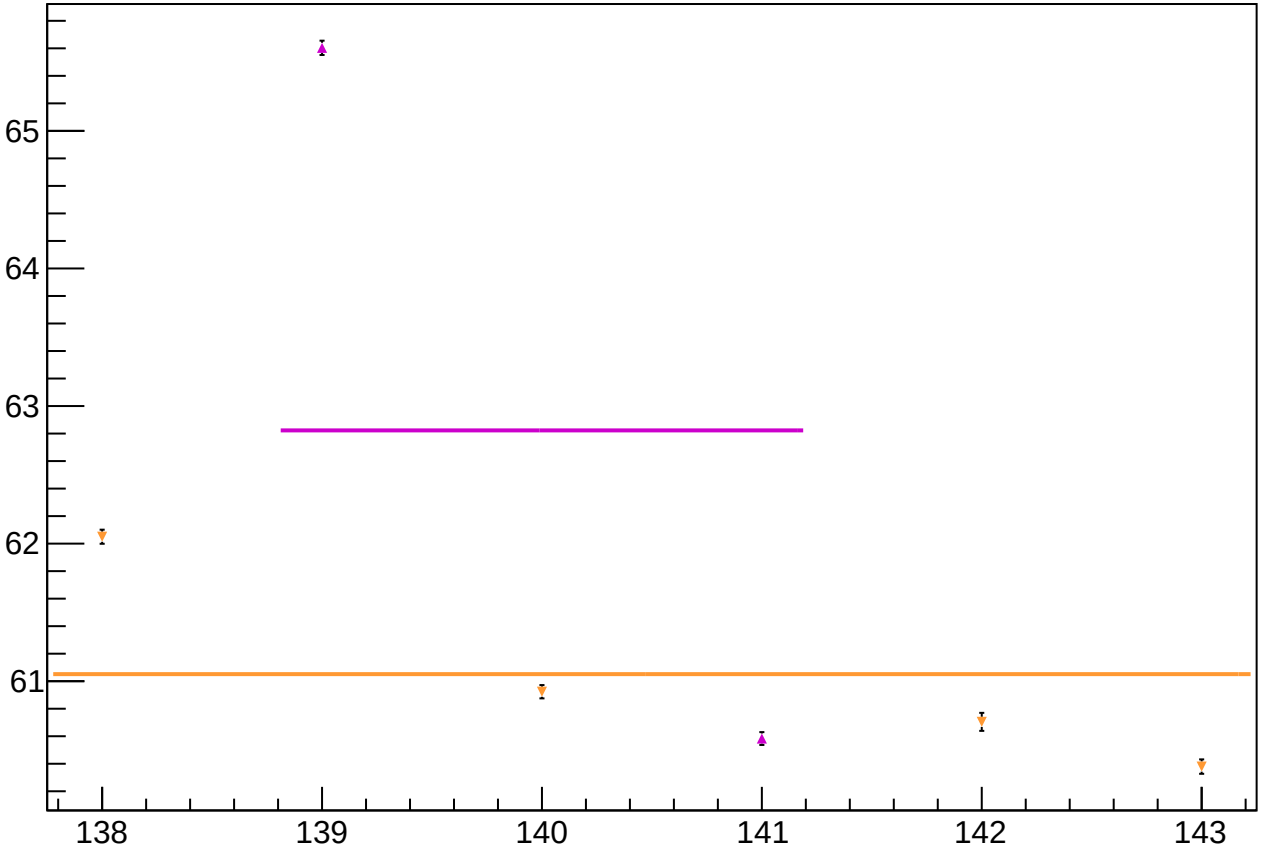
Left In: 111.514+/-49.139 χ^2/NDF:0.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.449+/-29.924 χ^2/NDF: 13.0/5

- 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: 61.051+/-0.027 χ^2/NDF:579.1/3

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

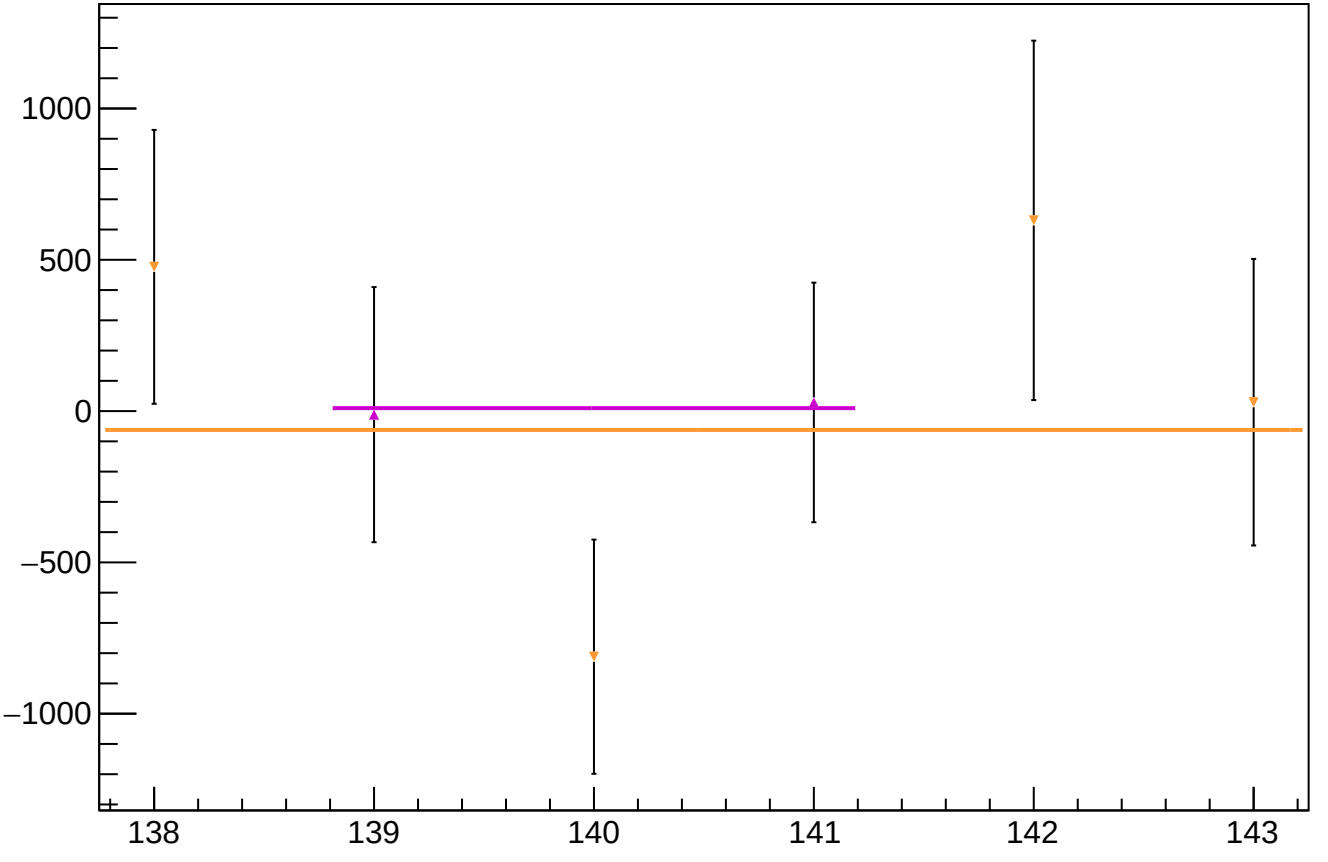
Left In: 62.823+/-0.035 χ^2/NDF:5158.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 61.708+/-0.021 χ^2/NDF: 7373.3/5

- 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: -62.240+/-230.291 χ^2/NDF:6.6/3

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

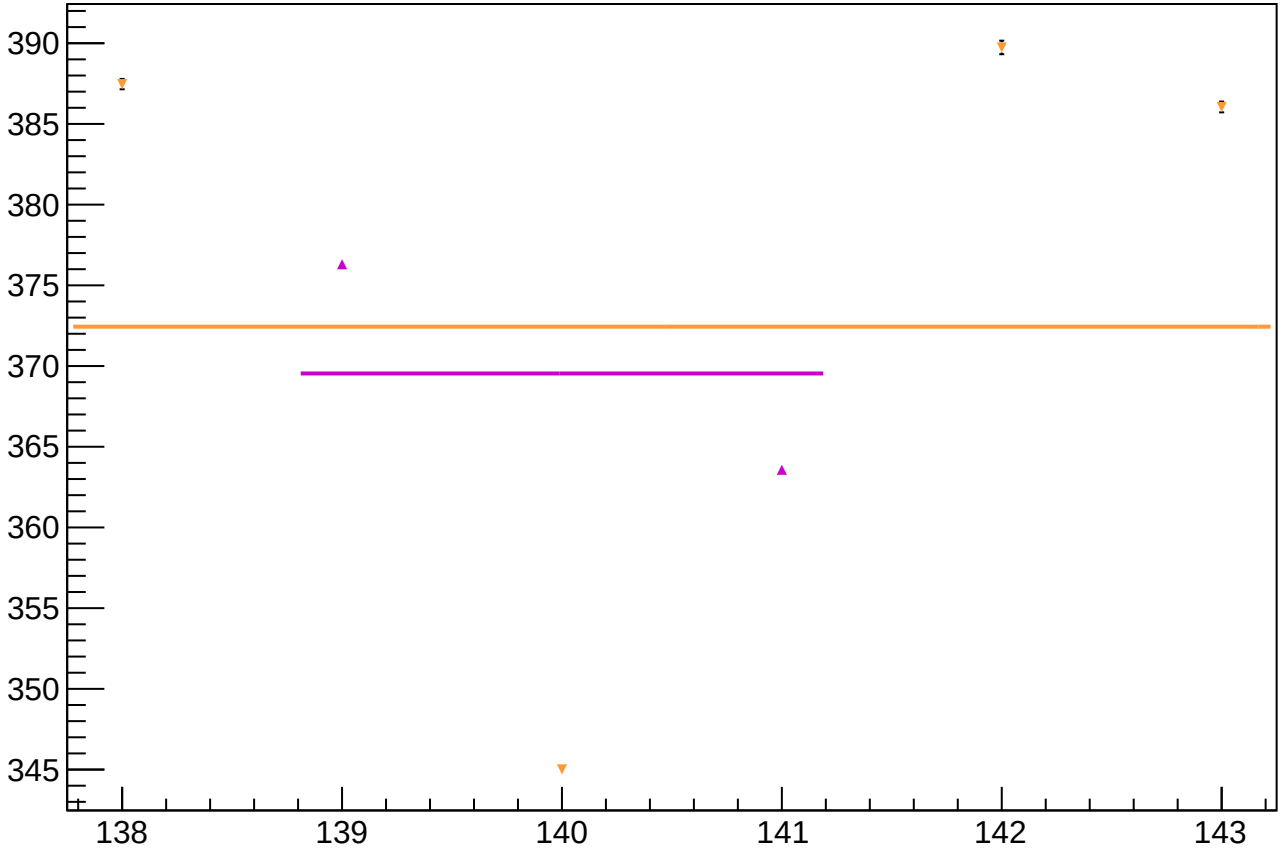
Left In: 9.709+/-288.585 χ^2/NDF:0.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -34.248+/-180.003 χ^2/NDF: 6.6/5

- 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: 372.440+/-0.163 χ^2/NDF:15602.3/3

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

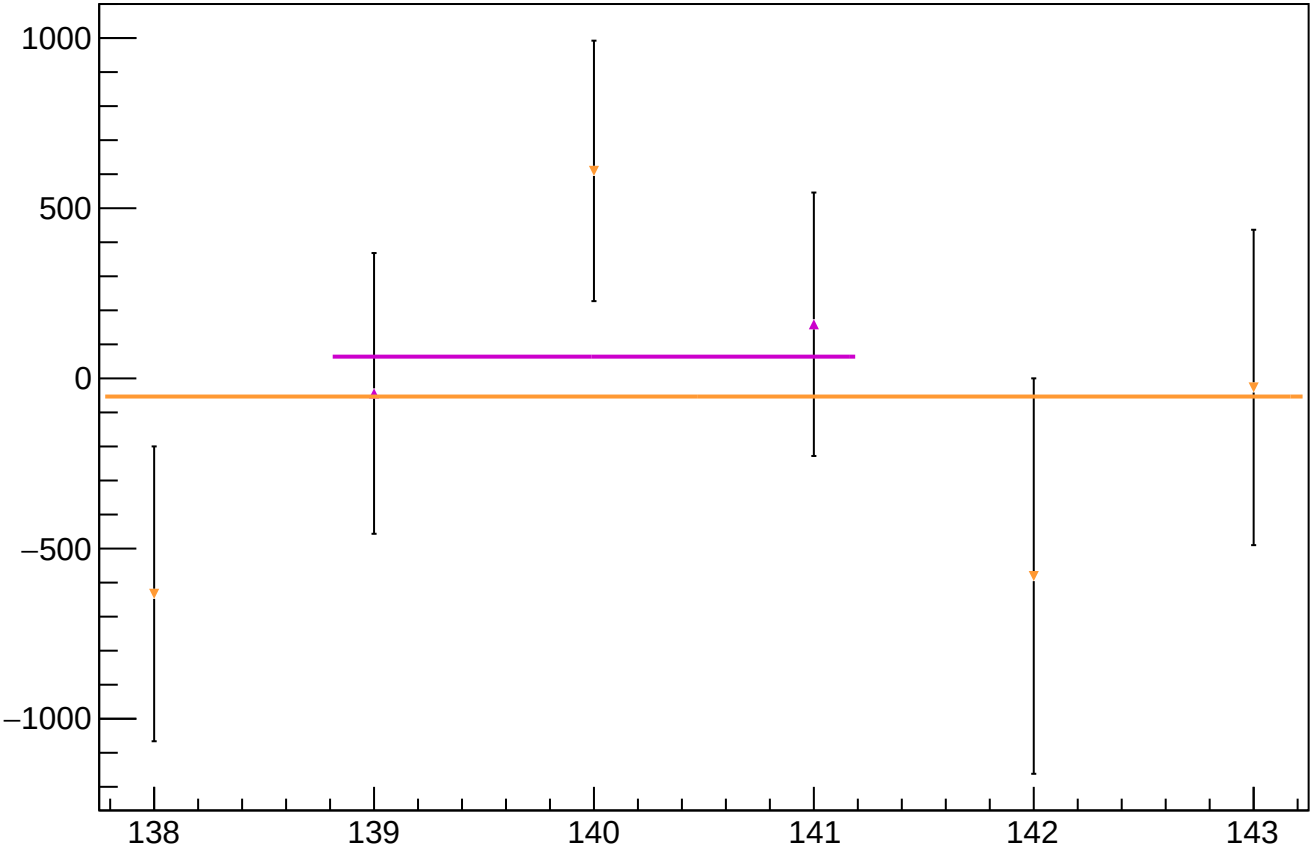
Left In: 369.541+/-0.204 χ^2/NDF:969.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 371.312+/-0.127 χ^2/NDF: 16695.0/5

- 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: -53.293+/-224.835 χ^2/NDF:5.6/3

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

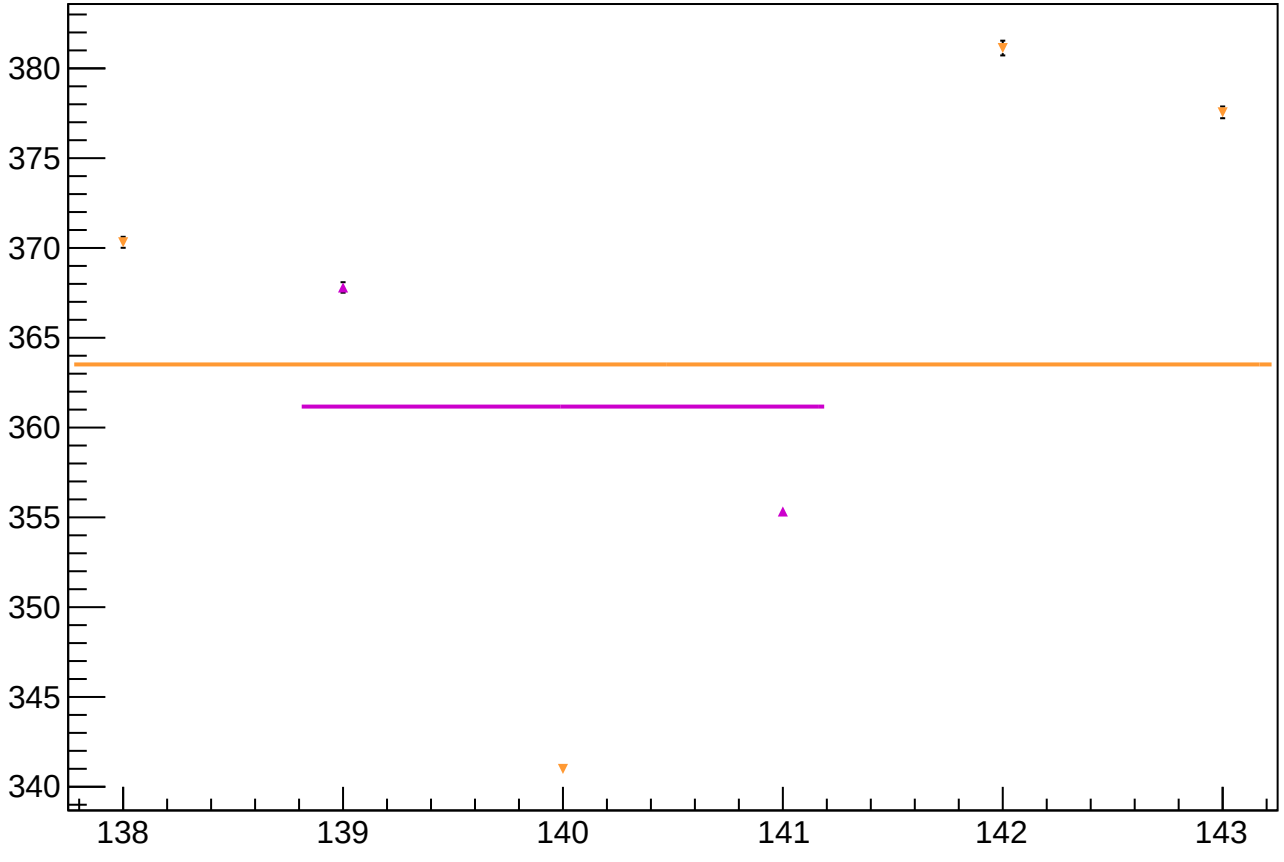
Left In: 63.929+/-282.225 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.782+/-175.853 χ^2/NDF: 5.9/5

- 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: 363.515+/-0.159 χ^2/NDF:11097.0/3

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

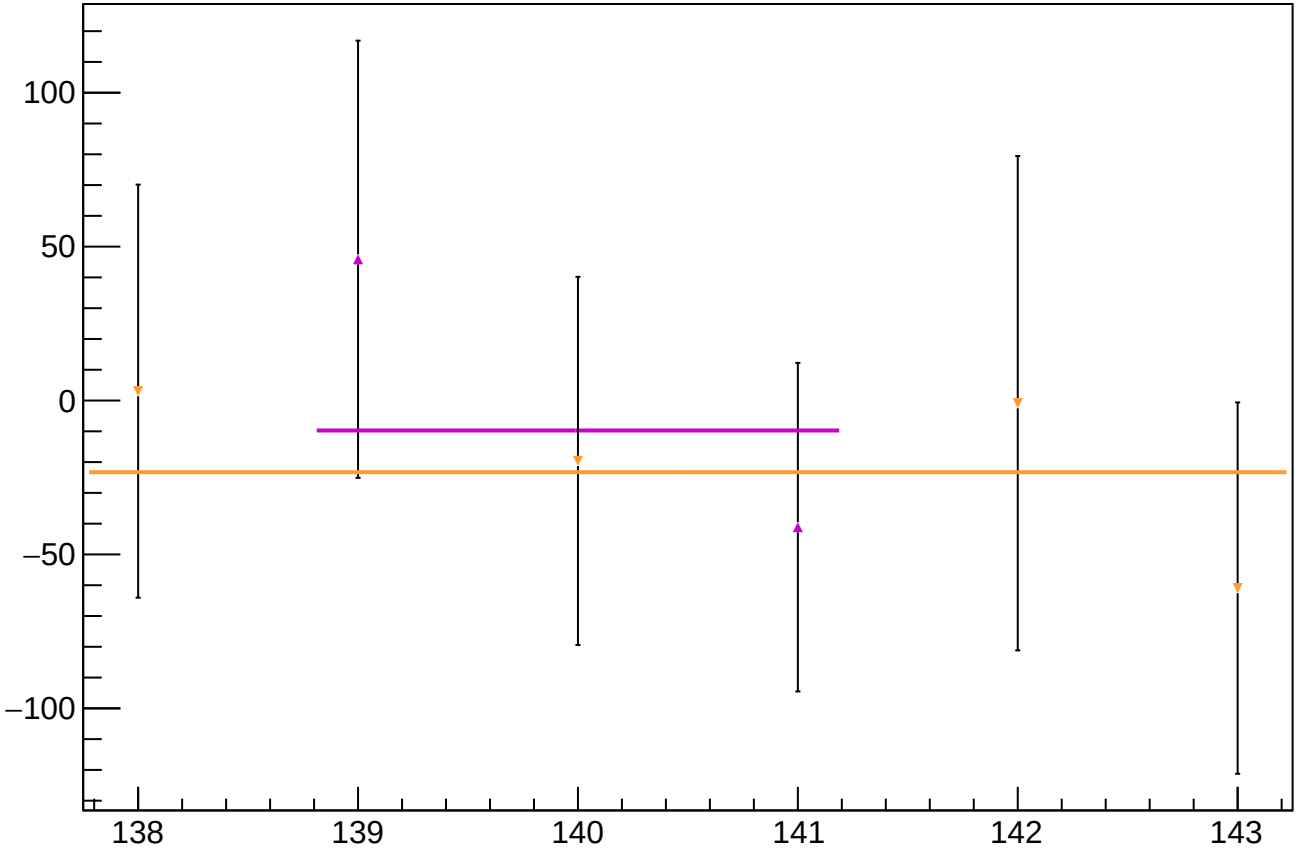
Left In: 361.169+/-0.200 χ^2/NDF:972.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 362.604+/-0.124 χ^2/NDF: 12154.2/5

- 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: -23.283+/-32.764 χ^2/NDF:0.6/3

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

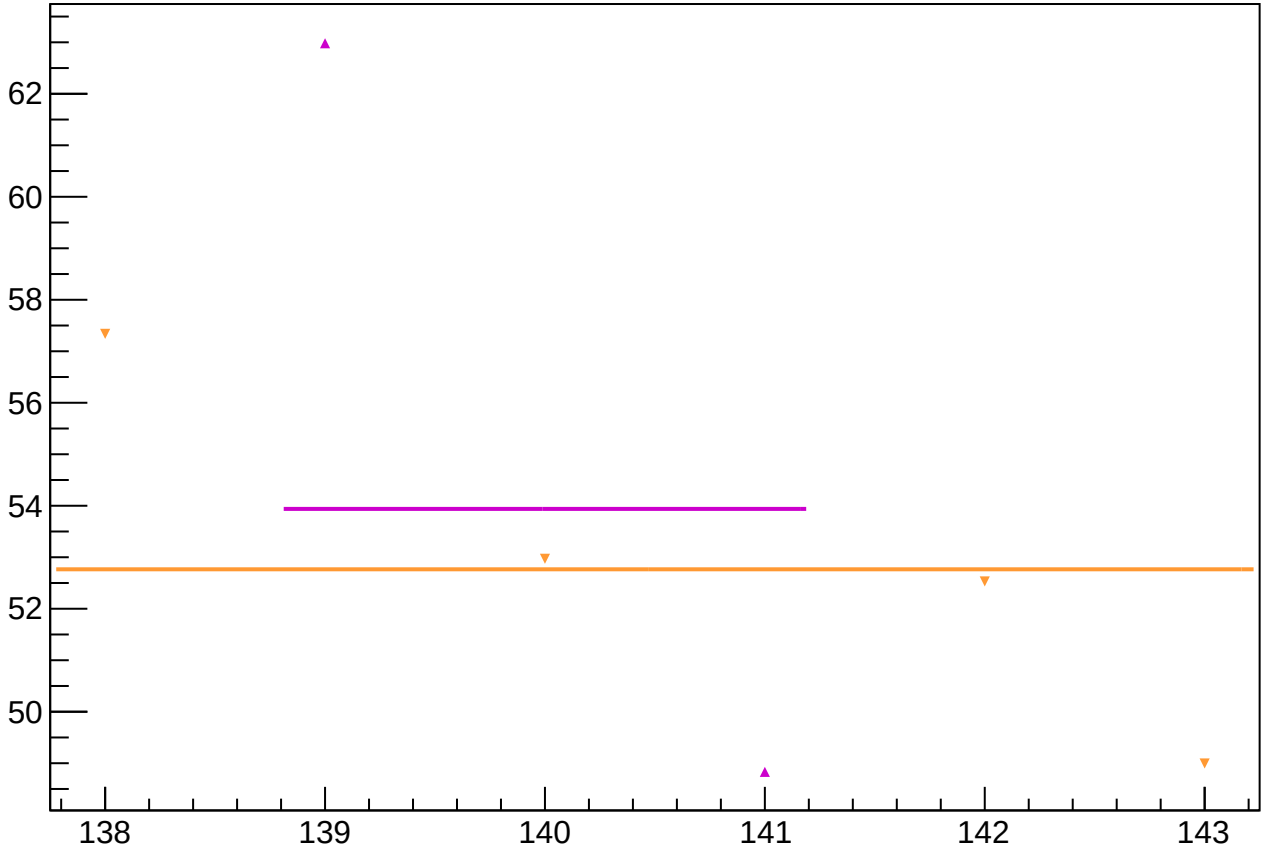
Left In: -9.728+/-42.663 χ^2/NDF:1.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -18.254+/-25.985 χ^2/NDF: 1.6/5

- 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: 52.766+/-0.023 χ^2/NDF:17144.3/3

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

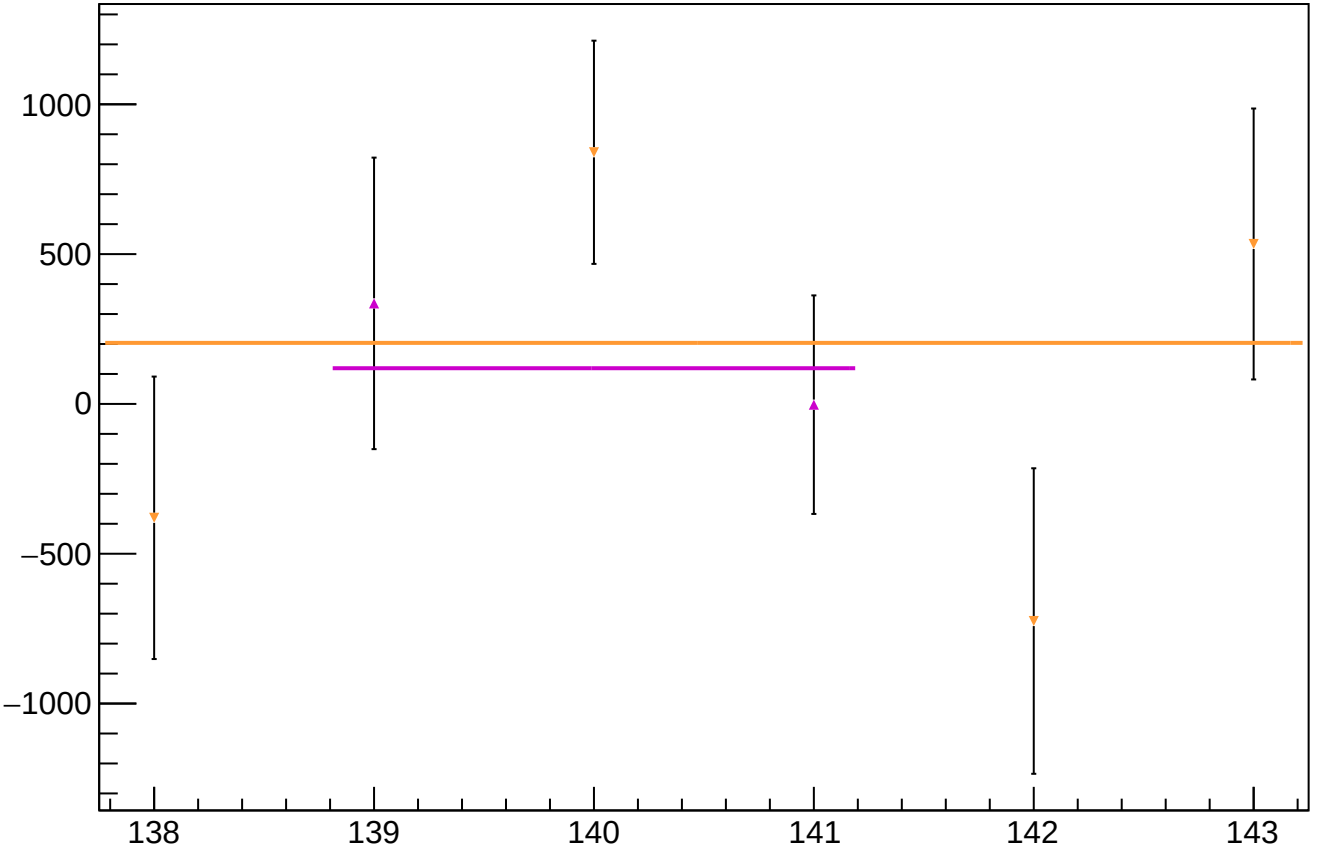
Left In: 53.939+/-0.030 χ^2/NDF:50740.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 53.201+/-0.018 χ^2/NDF: 68836.3/5

- 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: 203.753+/-221.149 χ^2/NDF:8.3/3

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

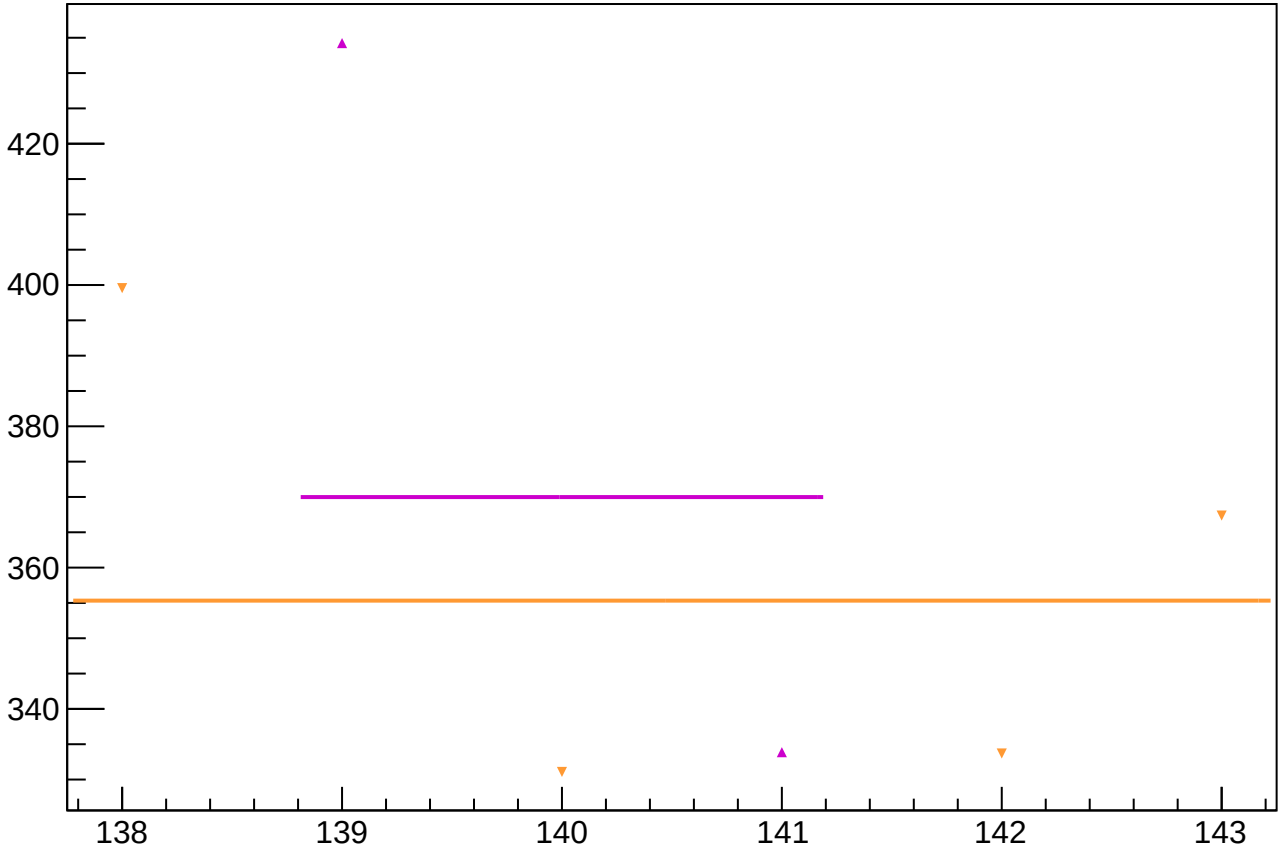
Left In: 119.152+/-291.799 χ^2/NDF:0.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 172.888+/-176.250 χ^2/NDF: 8.7/5

- 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: 355.325+/-0.156 χ^2/NDF:31110.2/3

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

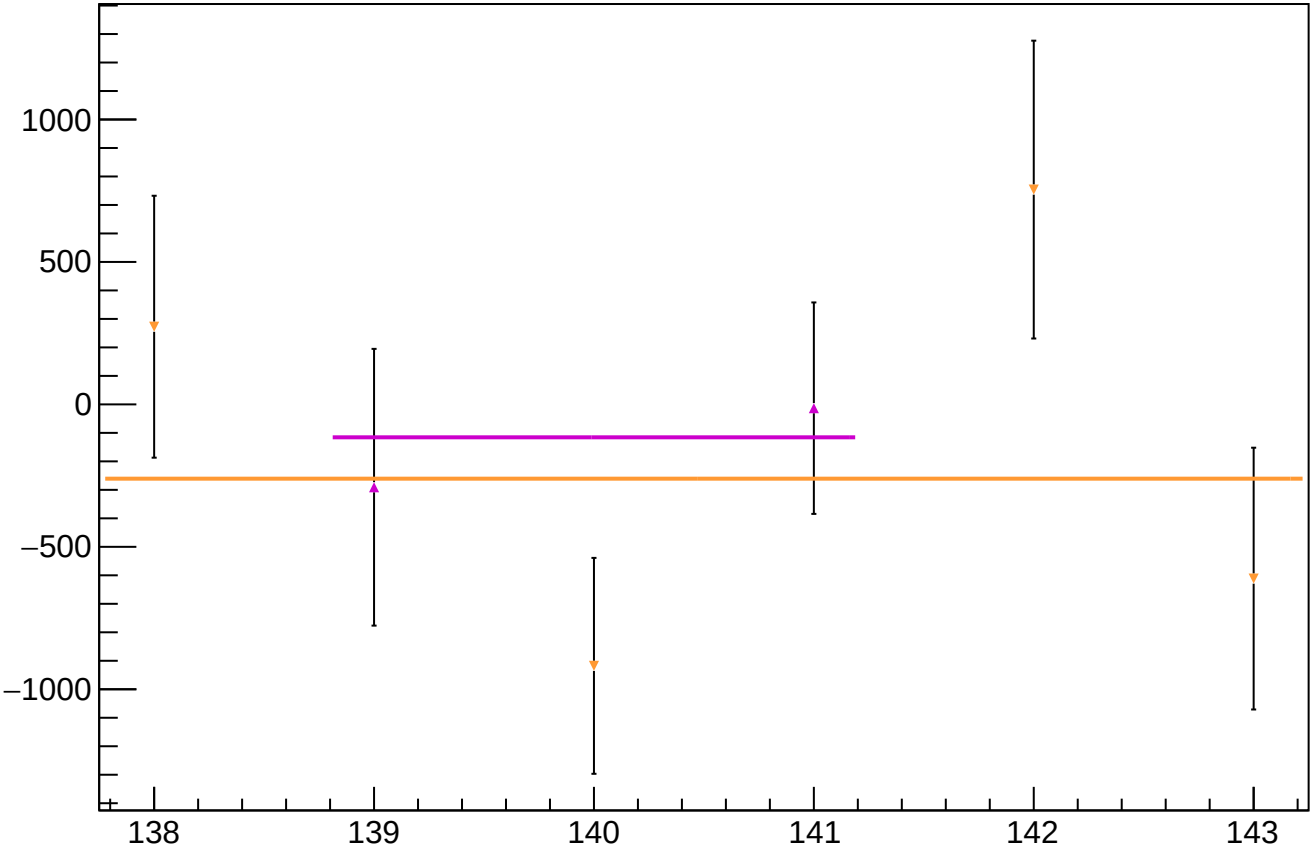
Left In: 369.984+/-0.206 χ^2/NDF:54506.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 360.673+/-0.125 χ^2/NDF: 88822.6/5

- 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: -260.739+/-223.085 χ^2/NDF:8.7/3

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

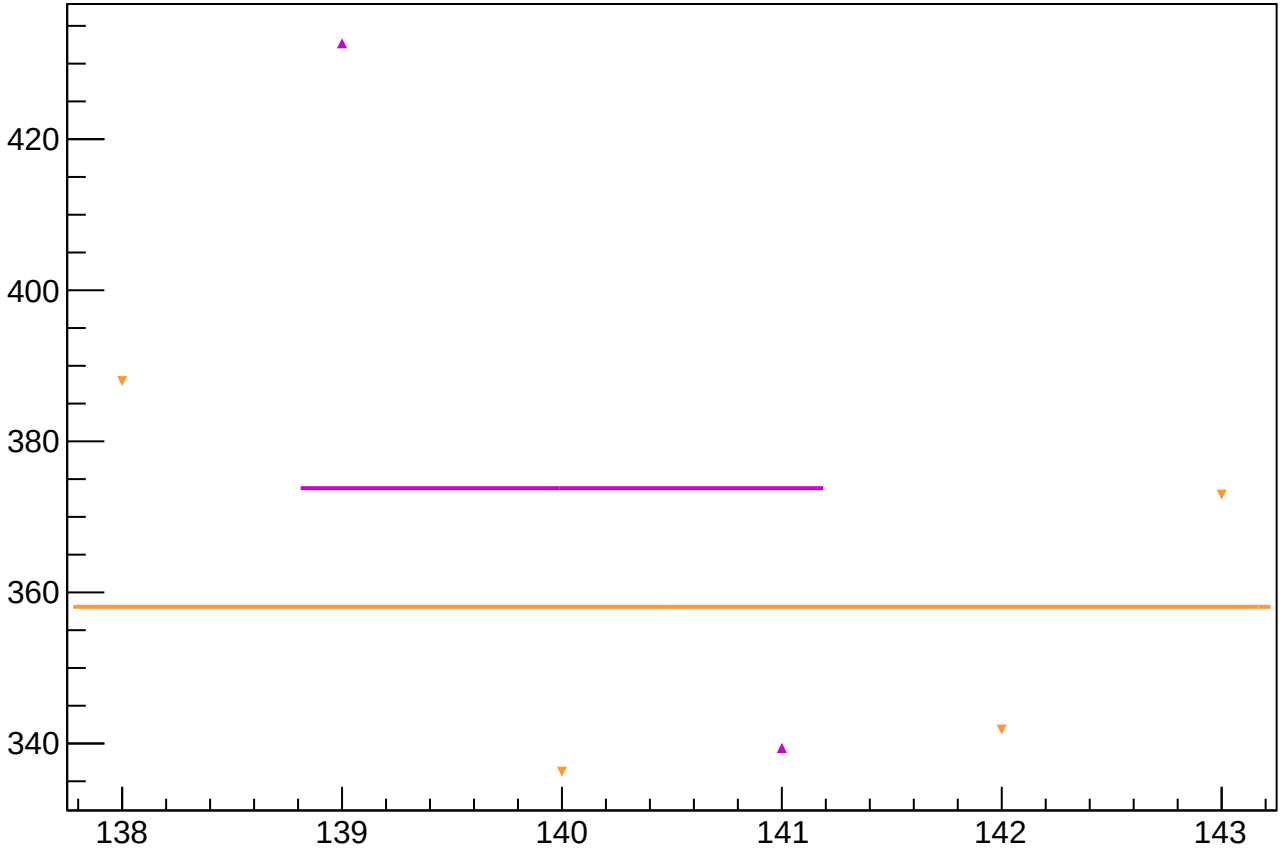
Left In: -115.598+/-294.894 χ^2/NDF:0.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -207.910+/-177.912 χ^2/NDF: 9.1/5

- 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: 358.096+/-0.158 χ^2/NDF:19113.7/3

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

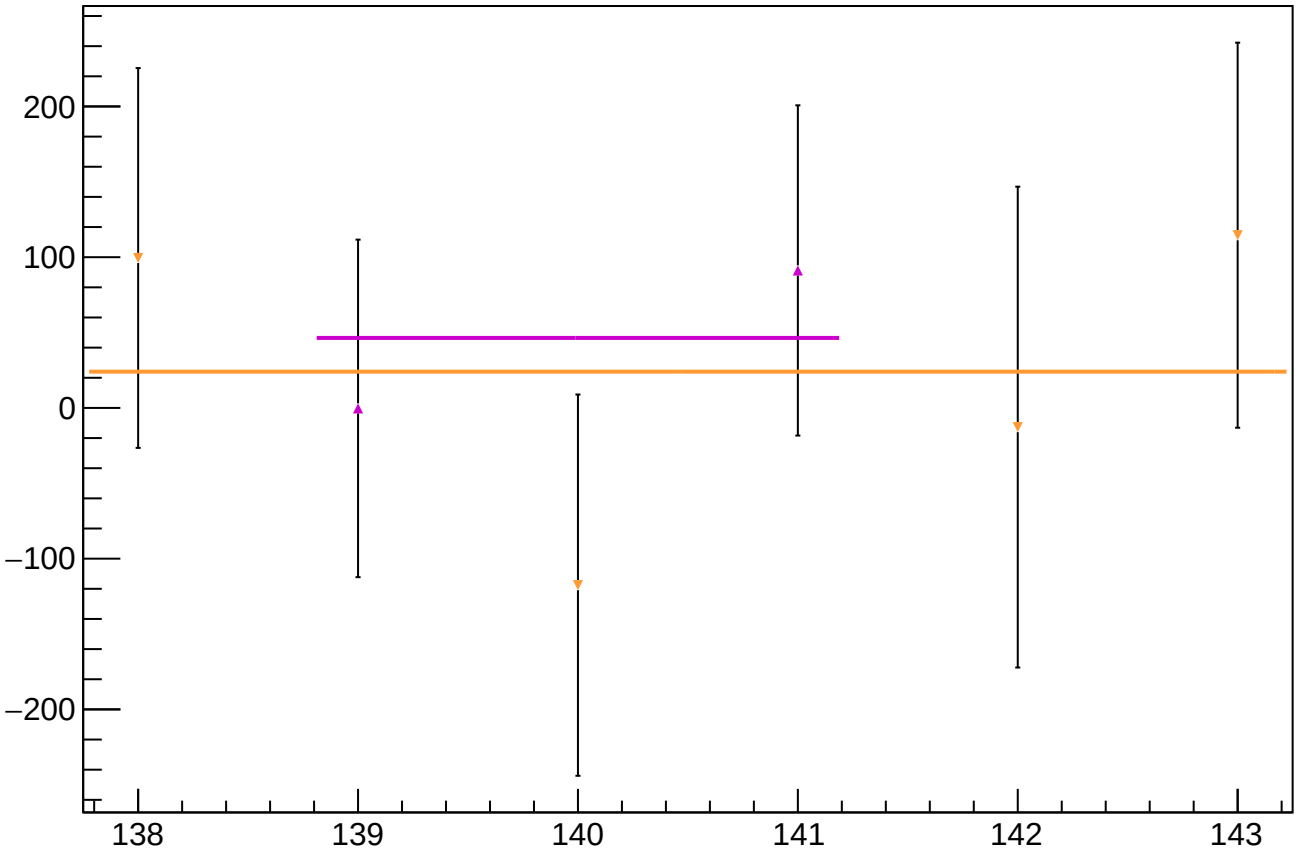
Left In: 373.798+/-0.209 χ^2/NDF:46582.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 363.811+/-0.126 χ^2/NDF: 69303.2/5

- 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: 24.059+/-66.502 χ^2/NDF:2.2/3

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

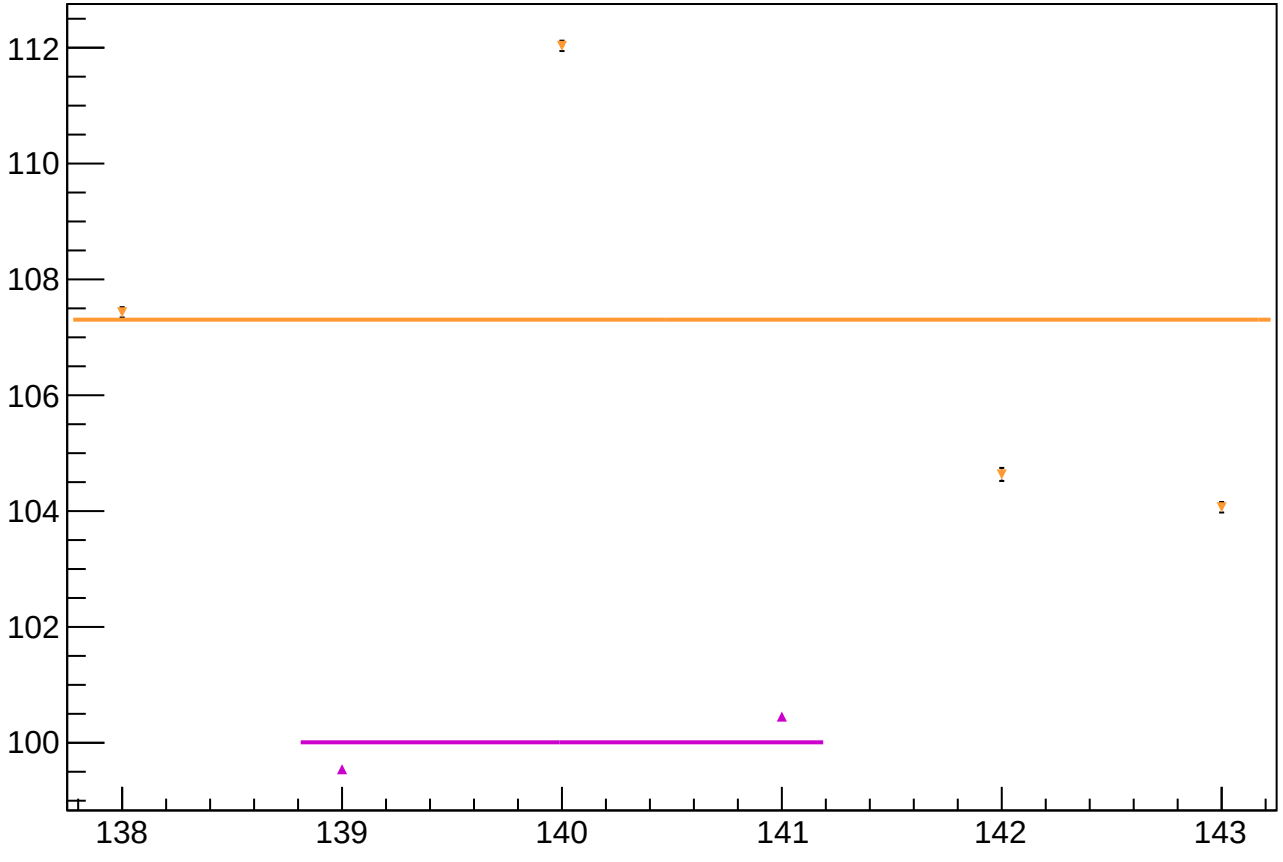
Left In: 46.443+/-78.301 χ^2/NDF:0.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 33.439+/-50.688 χ^2/NDF: 2.6/5

- 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: 107.305+/-0.047 χ^2/NDF:4643.3/3

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

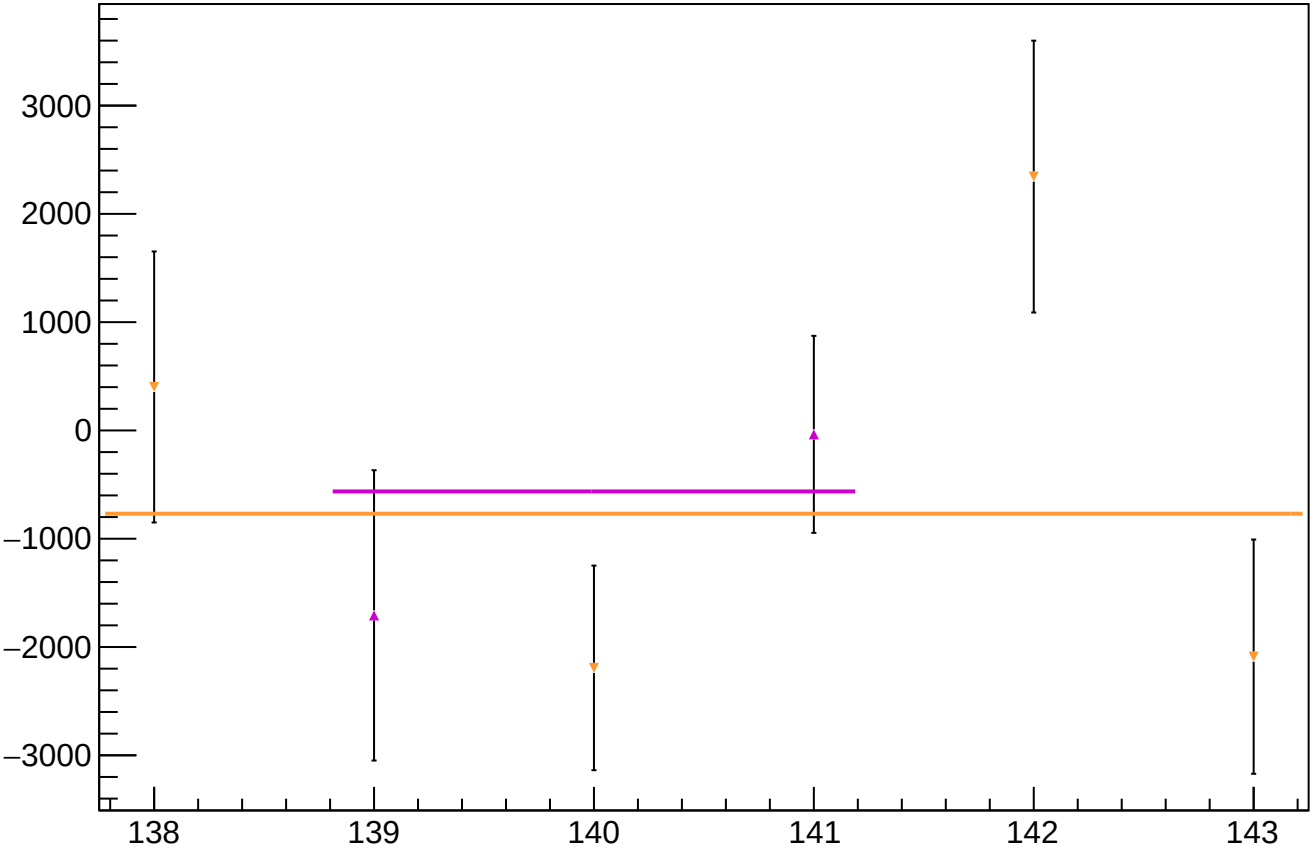
Left In: 100.008+/-0.055 χ^2/NDF:67.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 104.247+/-0.036 χ^2/NDF: 14800.2/5

- 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: -768.977+/-554.875 χ^2/NDF:10.8/3

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

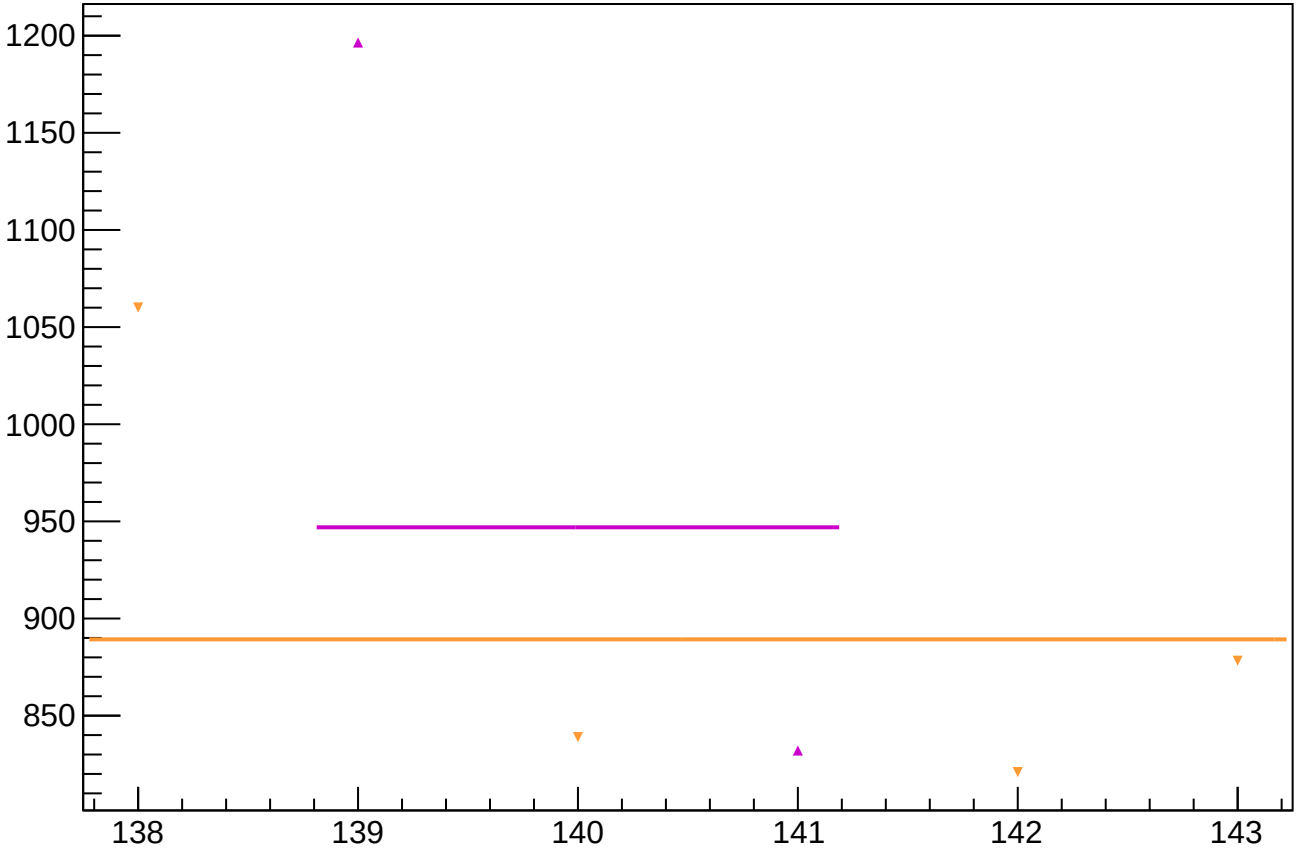
Left In: -563.300+/-752.740 χ^2/NDF:1.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -696.565+/-446.641 χ^2/NDF: 11.9/5

- 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: 889.262+/-0.392 χ^2/NDF:49067.4/3

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

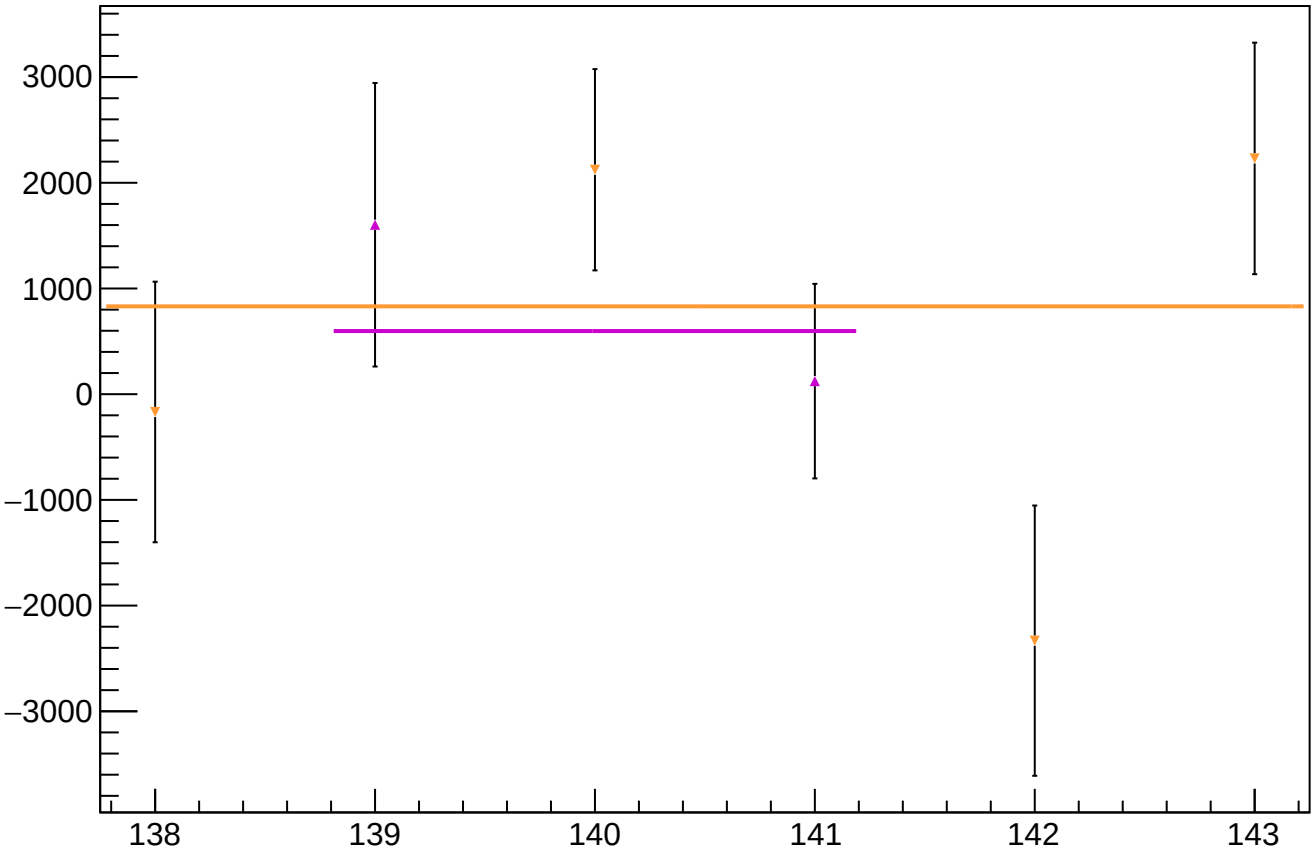
Left In: 946.952+/-0.532 χ^2/NDF:101203.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 909.573+/-0.316 χ^2/NDF: 157882.0/5

- 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: 830.940+/-558.430 χ^2/NDF:10.3/3

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

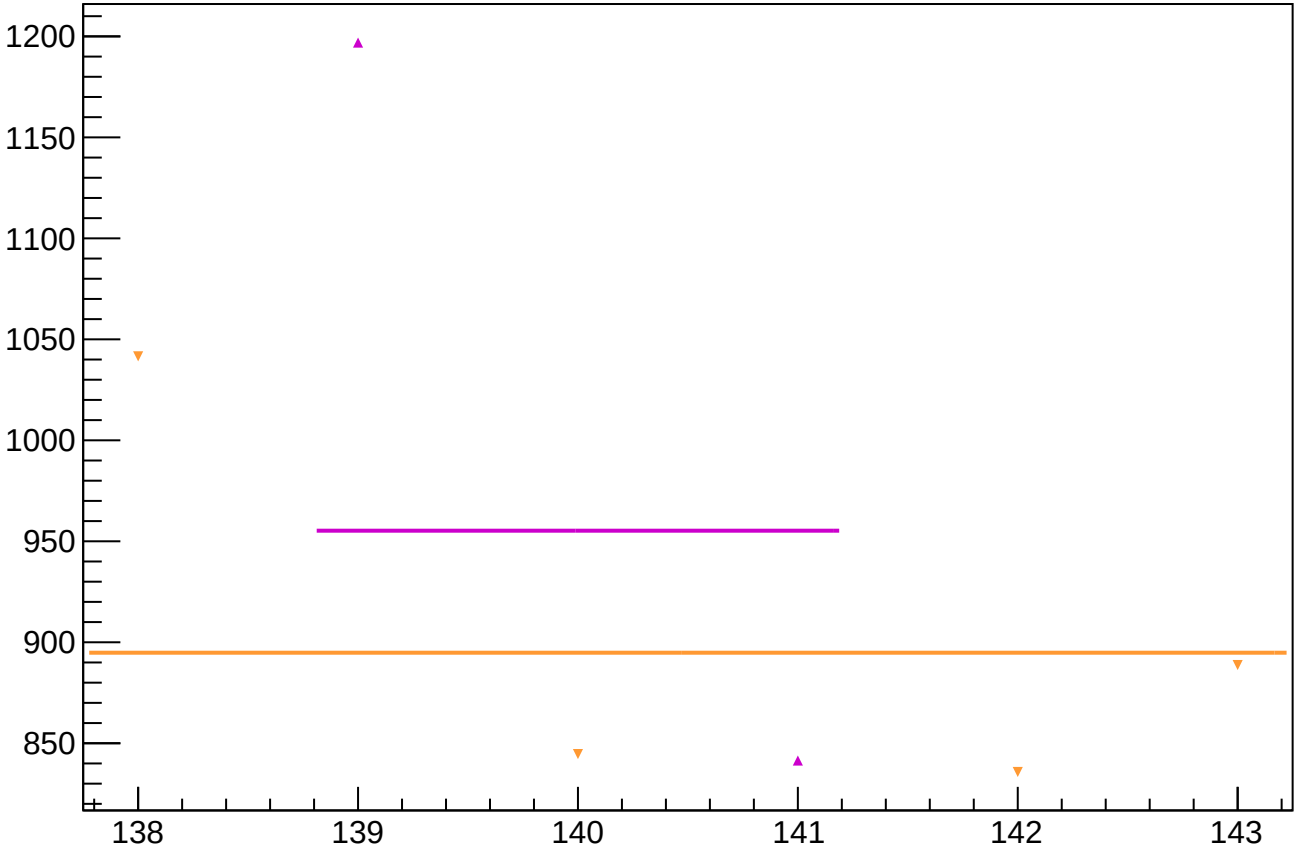
Left In: 597.234+/-758.937 χ^2/NDF:0.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 748.852+/-449.790 χ^2/NDF: 11.1/5

- 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: 894.834+/-0.395 χ^2/NDF:38228.1/3

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

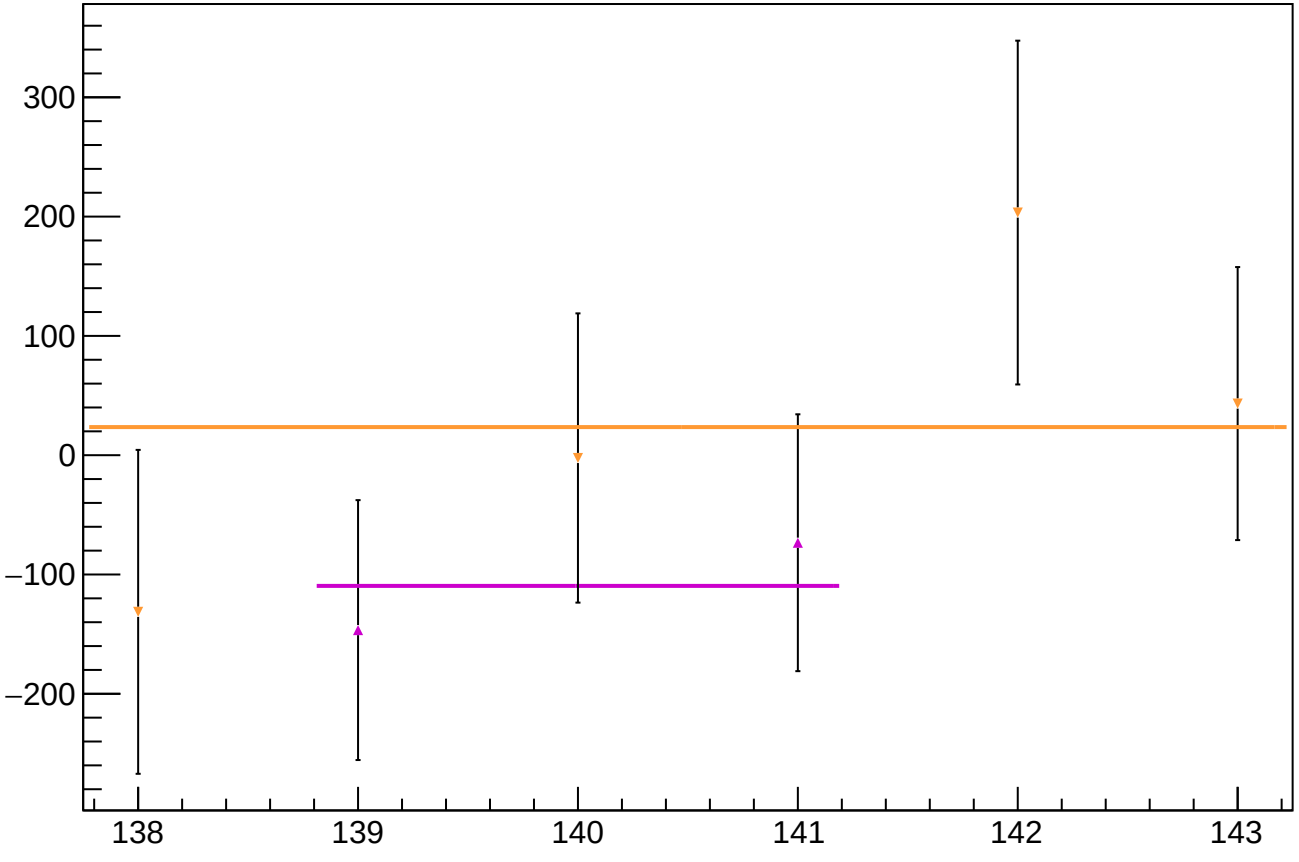
Left In: 955.249+/-0.537 χ^2/NDF:95501.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 916.054+/-0.318 χ^2/NDF: 141952.2/5

- 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: 23.561+/-63.649 χ^2/NDF:2.9/3

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

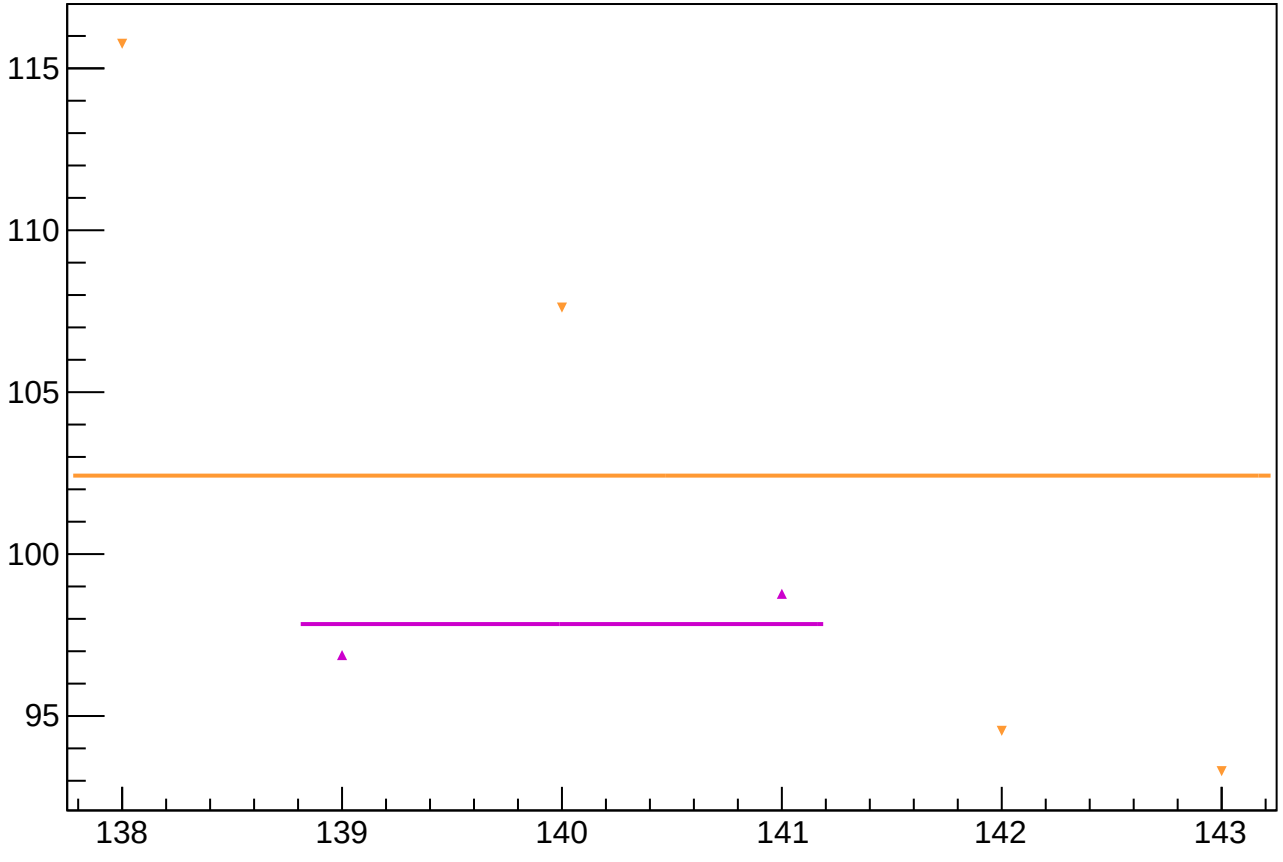
Left In: -109.551+/-76.570 χ^2/NDF:0.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -30.832+/-48.947 χ^2/NDF: 4.9/5

- 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: 102.423+/-0.045 χ^2/NDF:41670.1/3

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

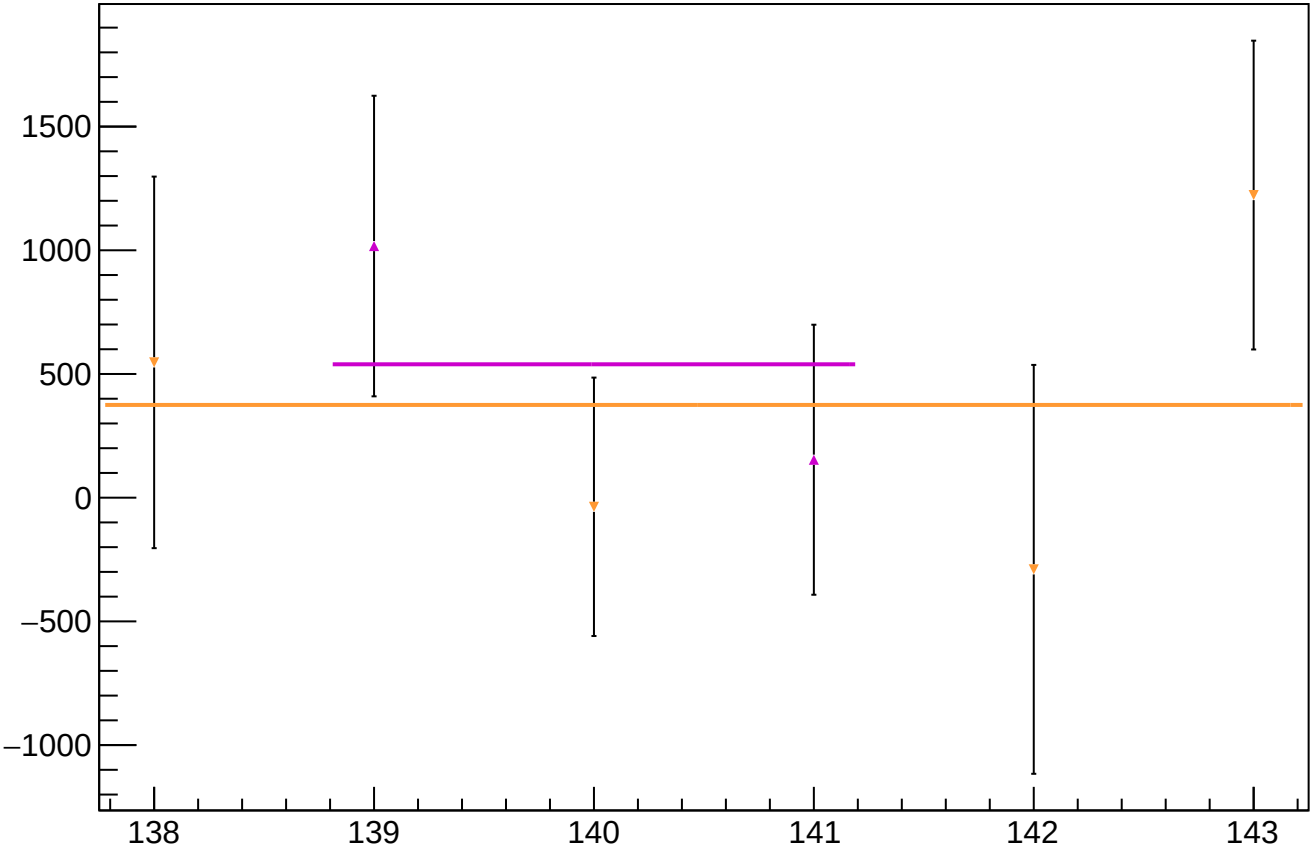
Left In: 97.839+/-0.054 χ^2/NDF:305.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 100.550+/-0.035 χ^2/NDF: 46214.6/5

- 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: 374.889+/-324.934 χ^2/NDF:3.2/3

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

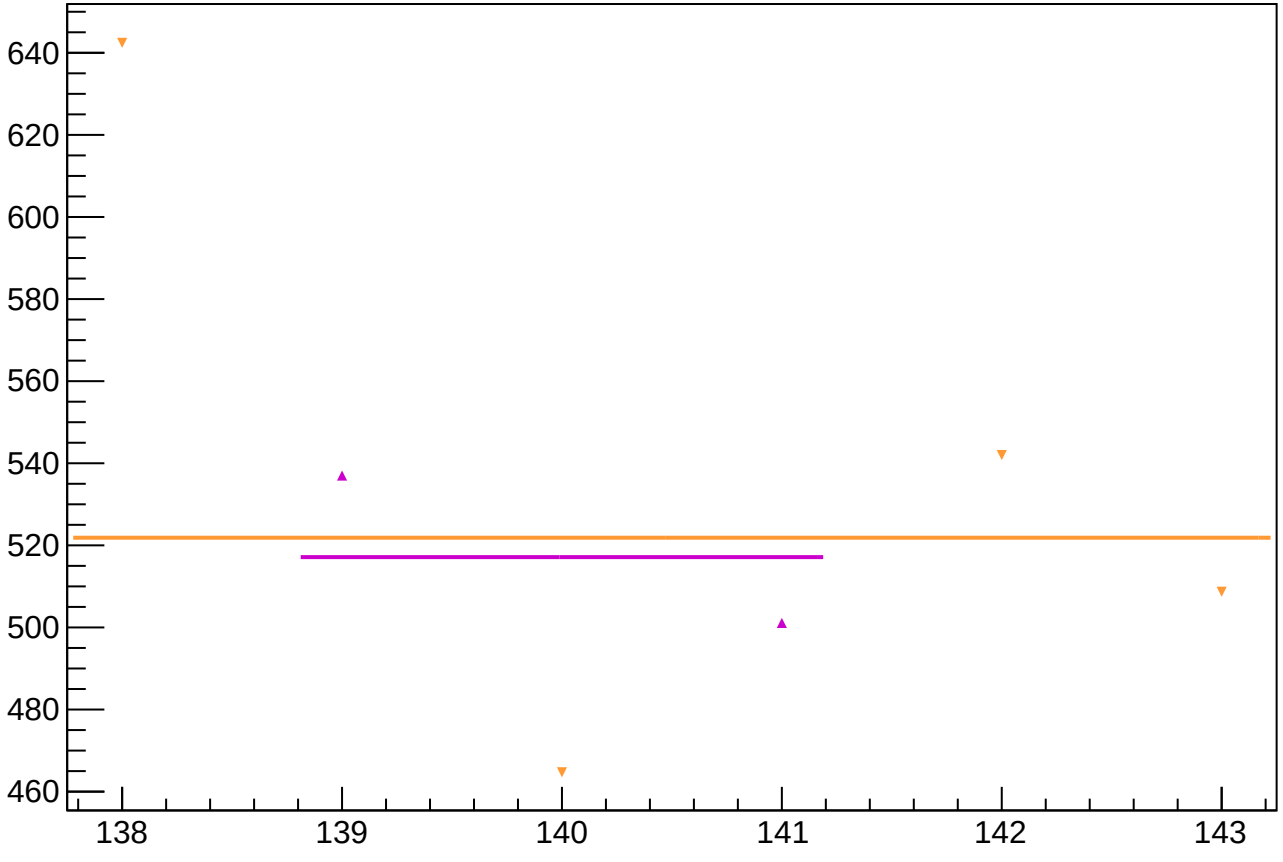
Left In: 539.171+/-405.969 χ^2/NDF:1.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 439.037+/-253.683 χ^2/NDF: 4.4/5

- 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: 521.859+/-0.230 χ^2/NDF:77581.8/3

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

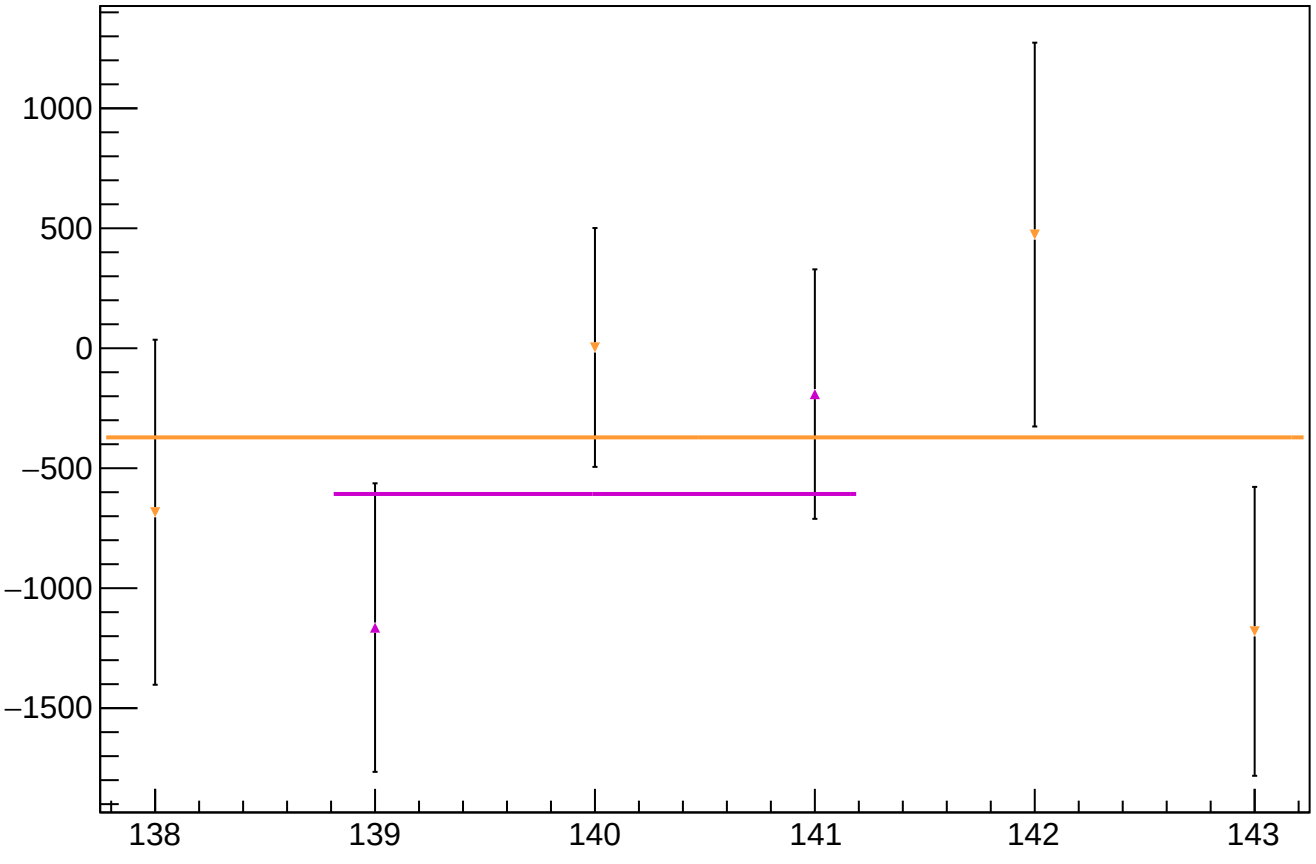
Left In: 517.135+/-0.287 χ^2/NDF:3866.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 520.015+/-0.179 χ^2/NDF: 81613.5/5

- 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: -371.449+/-311.708 χ^2/NDF:3.7/3

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

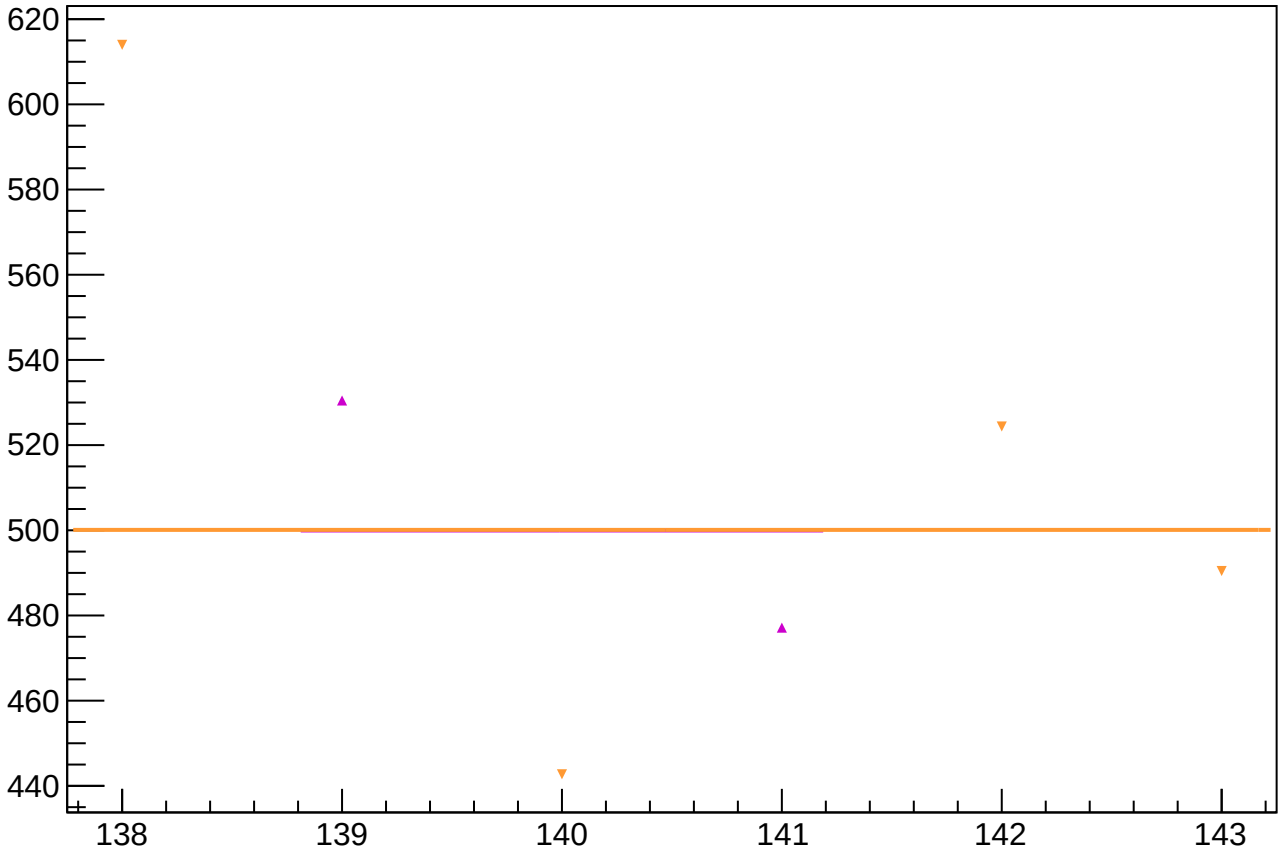
Left In: -607.320+/-393.272 χ^2/NDF:1.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -462.456+/-244.282 χ^2/NDF: 5.4/5

- 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: 500.096+/-0.220 χ^2/NDF:79101.4/3

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

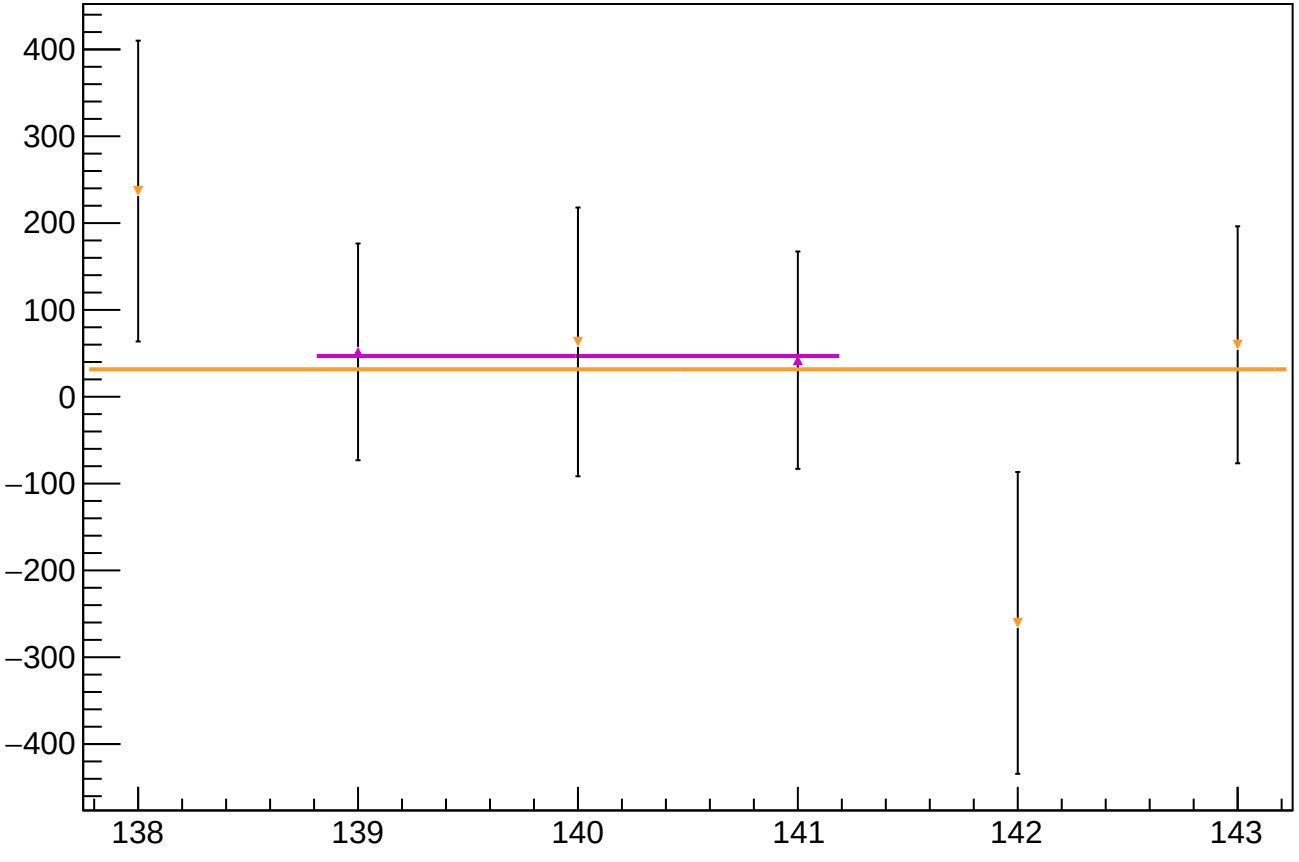
Left In: 499.960+/-0.278 χ^2/NDF:9002.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 500.044+/-0.173 χ^2/NDF: 88103.7/5

- 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: 31.634+/-78.597 χ^2/NDF:4.3/3

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

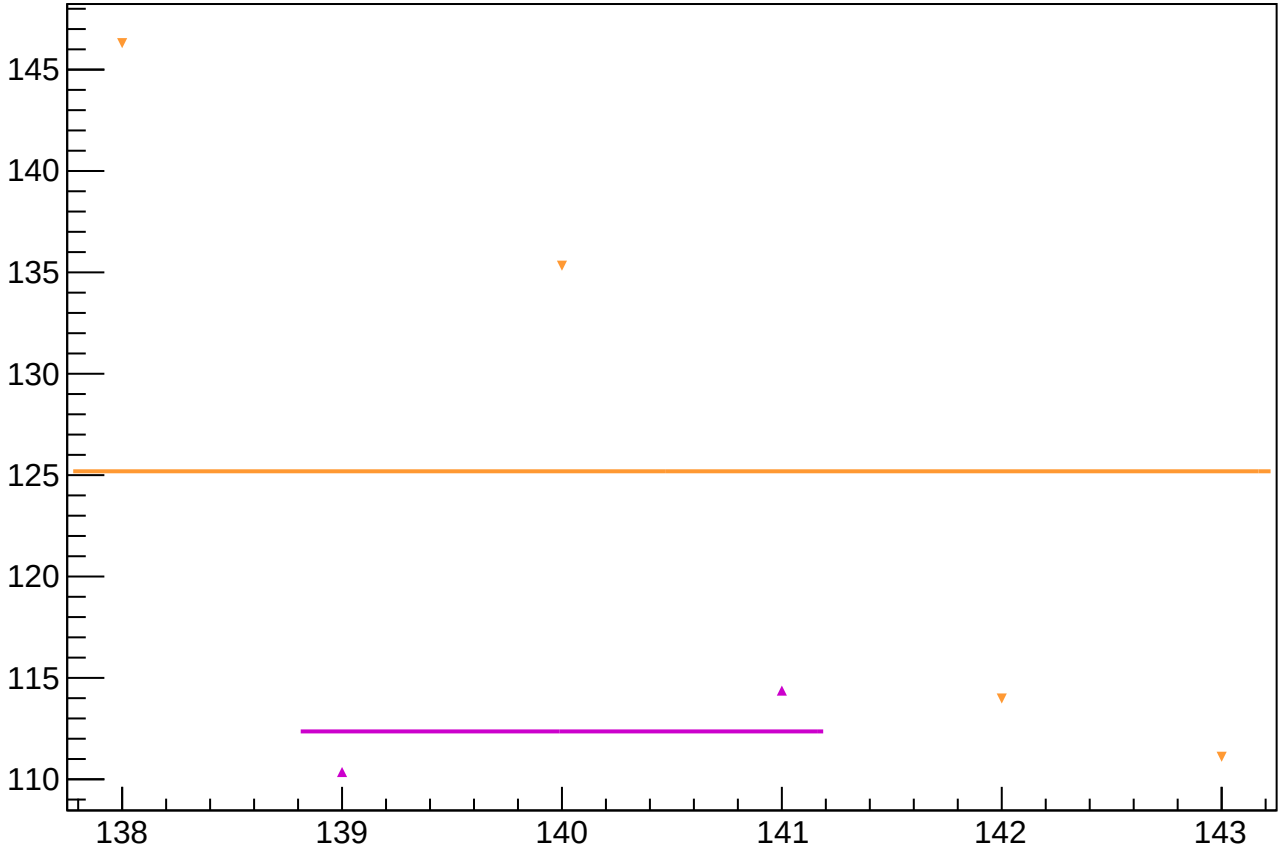
Left In: 46.913+/-88.377 χ^2/NDF:0.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 38.382+/-58.731 χ^2/NDF: 4.3/5

- 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: 125.190+/-0.056 χ^2/NDF:67907.1/3

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

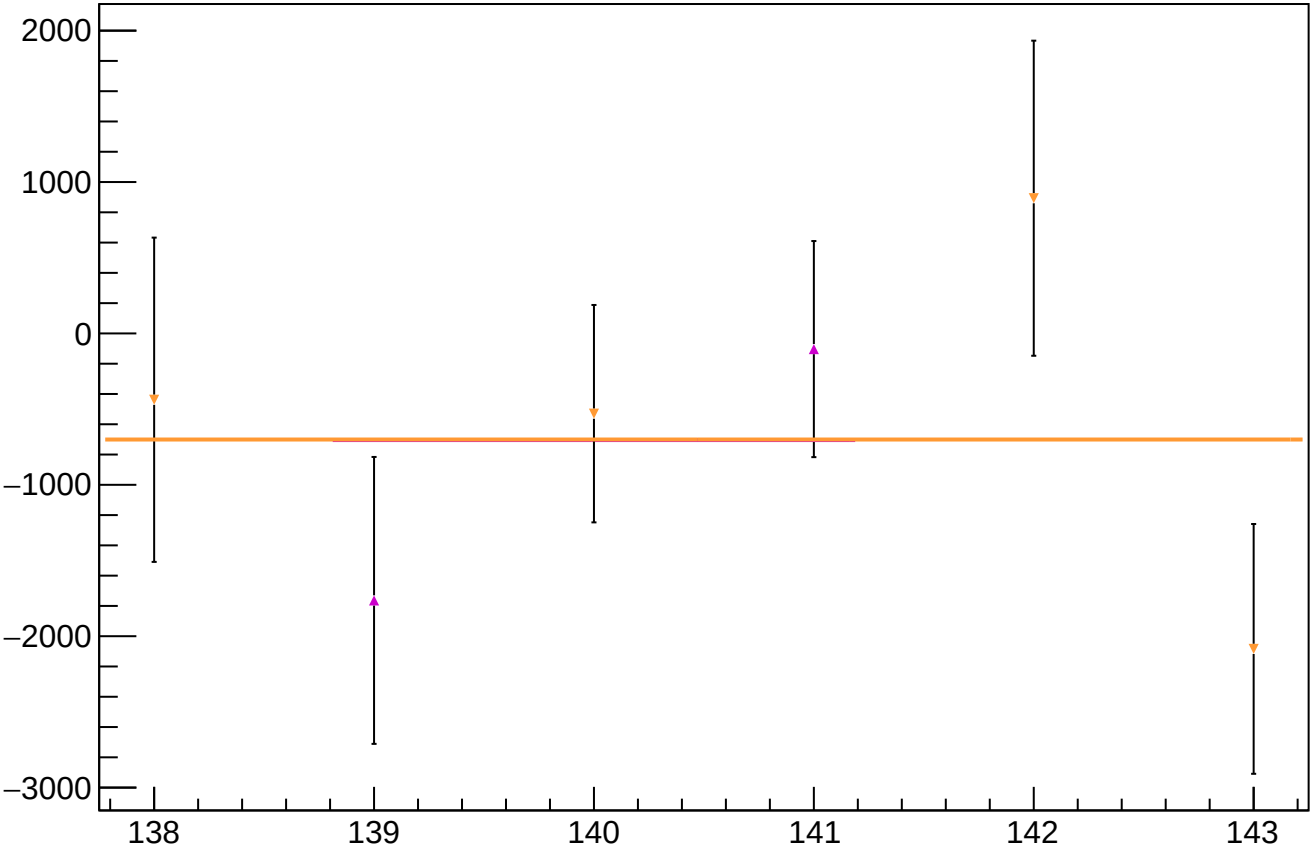
Left In: 112.361+/-0.062 χ^2/NDF:1032.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 119.524+/-0.042 χ^2/NDF: 92472.0/5

- 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: -700.821+/-438.357 χ^2/NDF:5.3/3

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

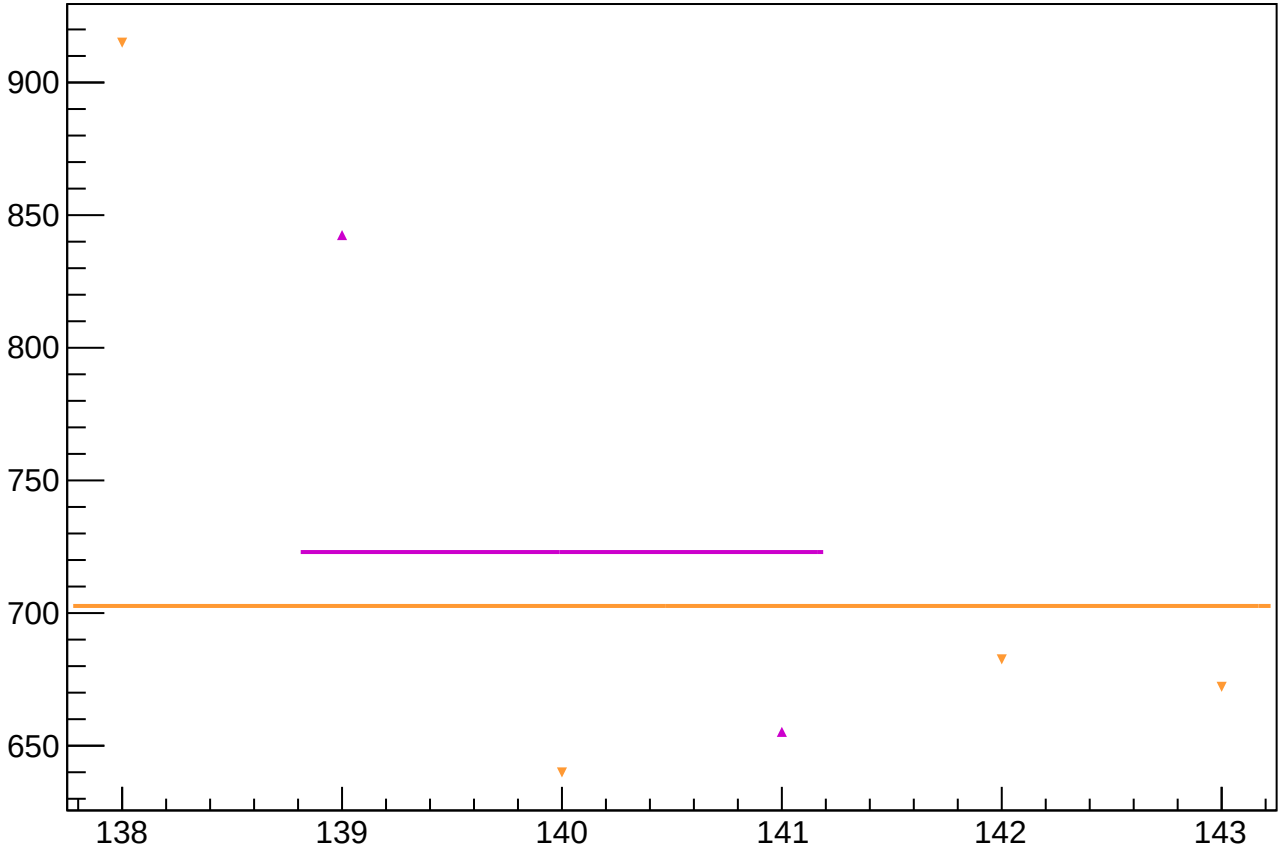
Left In: -704.339+/-570.105 χ^2/NDF:2.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -702.128+/-347.507 χ^2/NDF: 7.2/5

- 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: 702.682+/-0.310 χ^2/NDF:97363.4/3

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

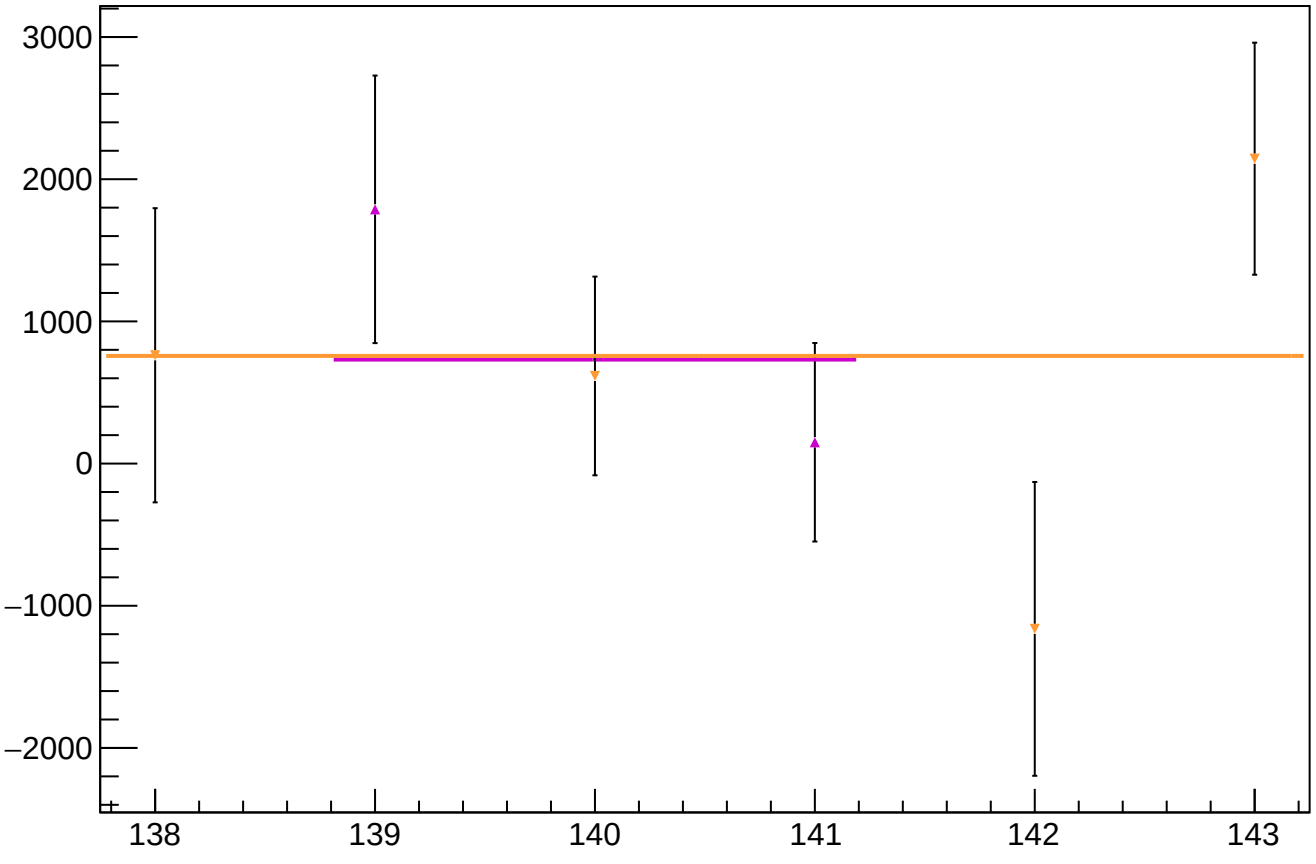
Left In: 723.005+/-0.403 χ^2/NDF:49834.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 710.233+/-0.246 χ^2/NDF: 148795.4/5

- 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: 757.250+/-429.491 χ^2/NDF:6.4/3

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

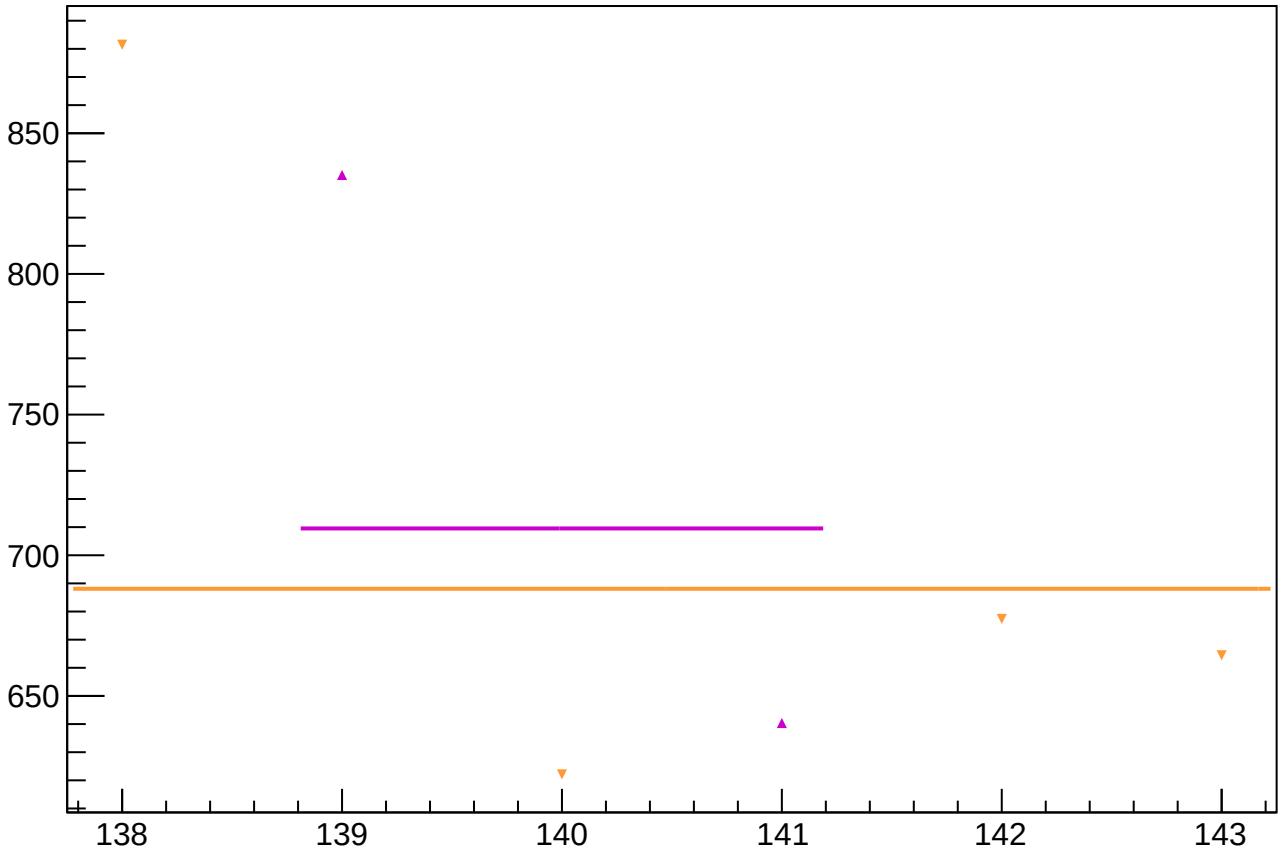
Left In: 731.501+/-560.607 χ^2/NDF:2.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 747.726+/-340.937 χ^2/NDF: 8.3/5

- 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: 688.086+/-0.304 χ^2/NDF:89609.4/3

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

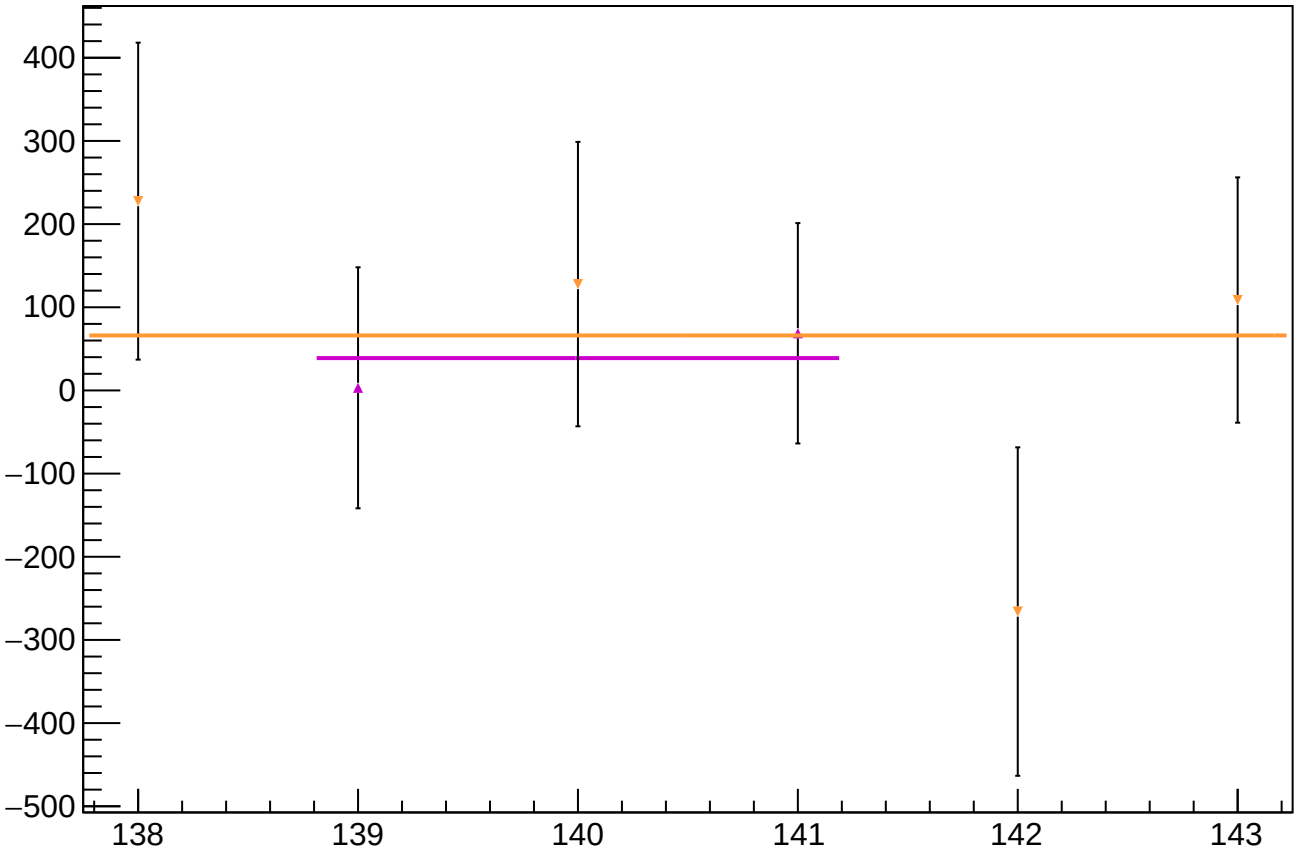
Left In: 709.533+/-0.396 χ^2/NDF:55295.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 696.018+/-0.241 χ^2/NDF: 146749.6/5

- 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: 66.131+/-86.597 χ^2/NDF:3.8/3

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

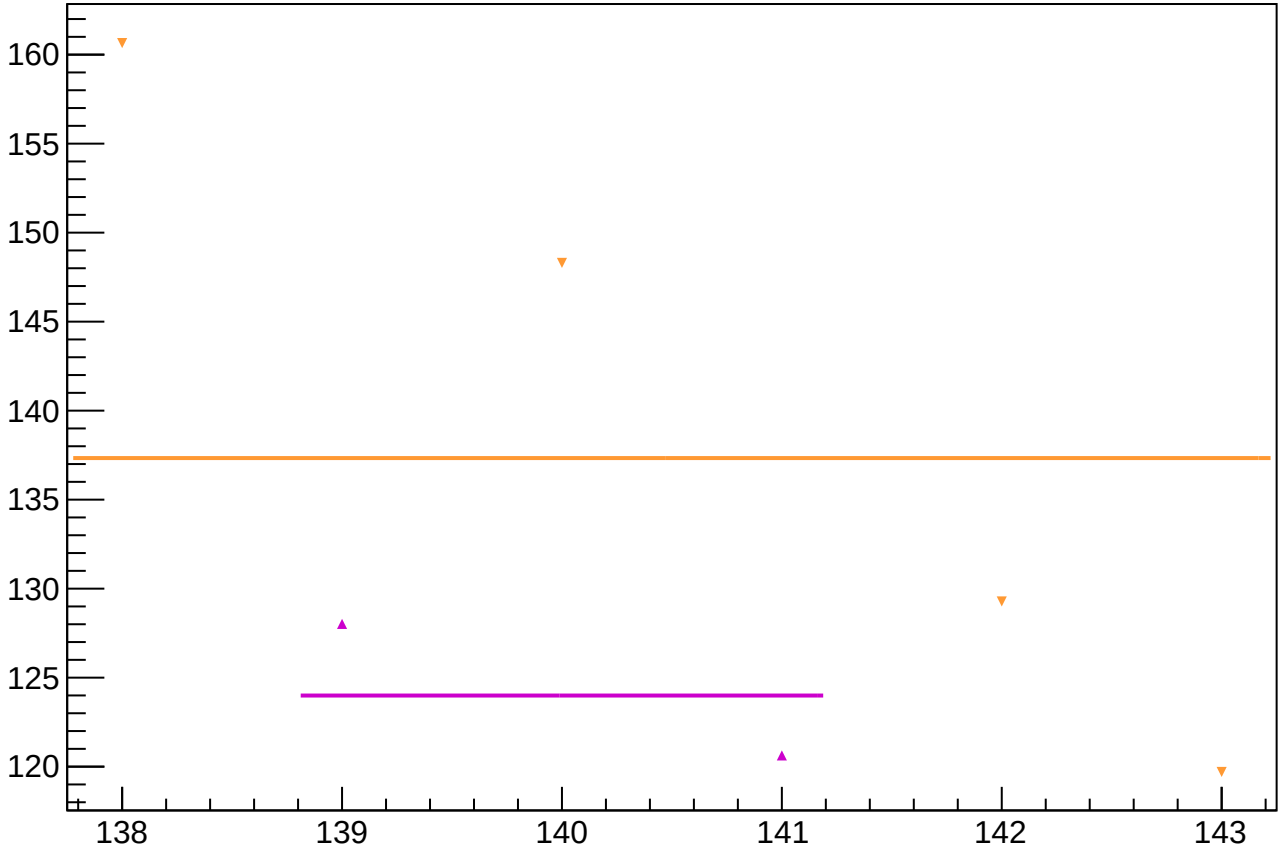
Left In: 38.877+/-97.771 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 54.149+/-64.826 χ^2/NDF: 3.9/5

- 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: 137.336+/-0.061 χ^2/NDF:70073.8/3

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

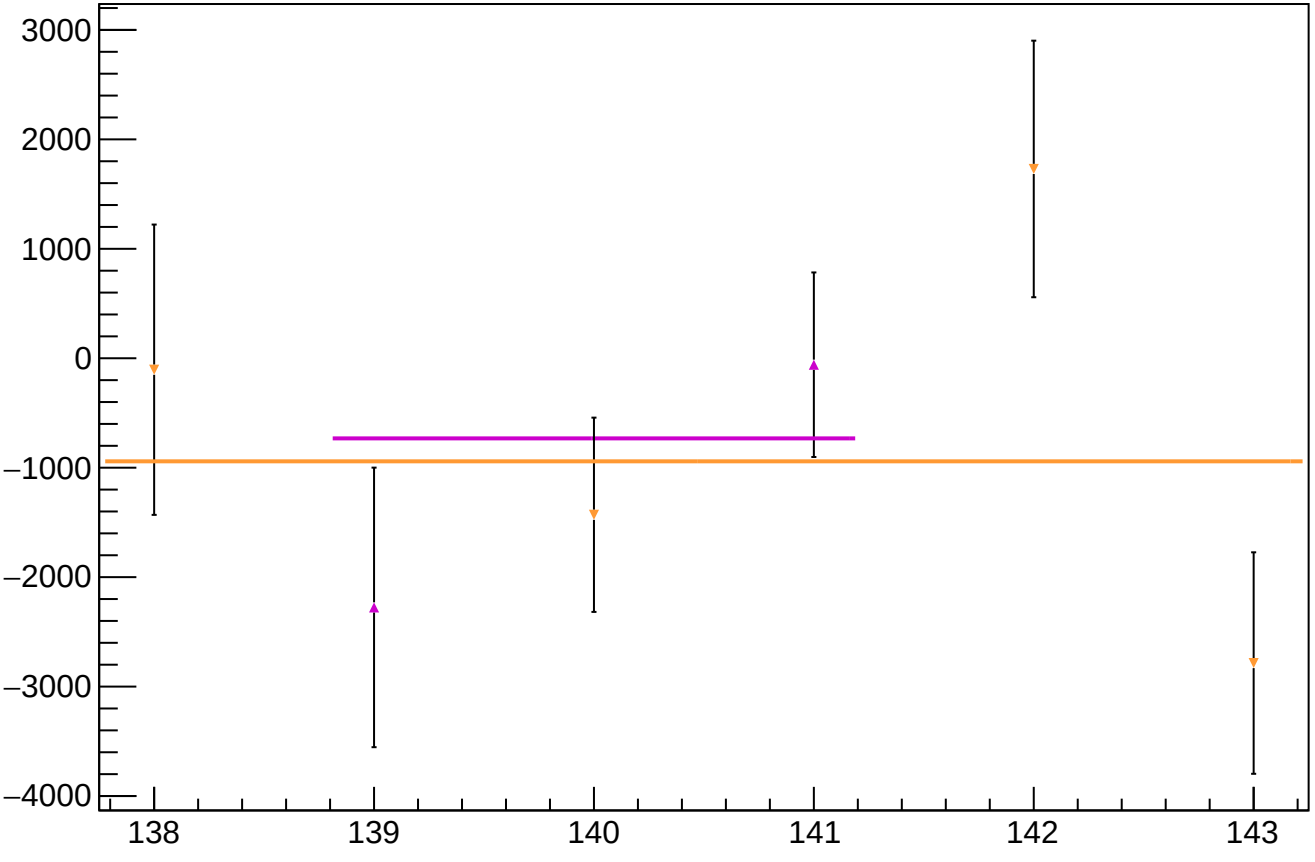
Left In: 123.995+/-0.069 χ^2/NDF:2833.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 131.471+/-0.046 χ^2/NDF: 93772.7/5

- 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: -941.782+/-531.303 χ^2/NDF:9.2/3

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

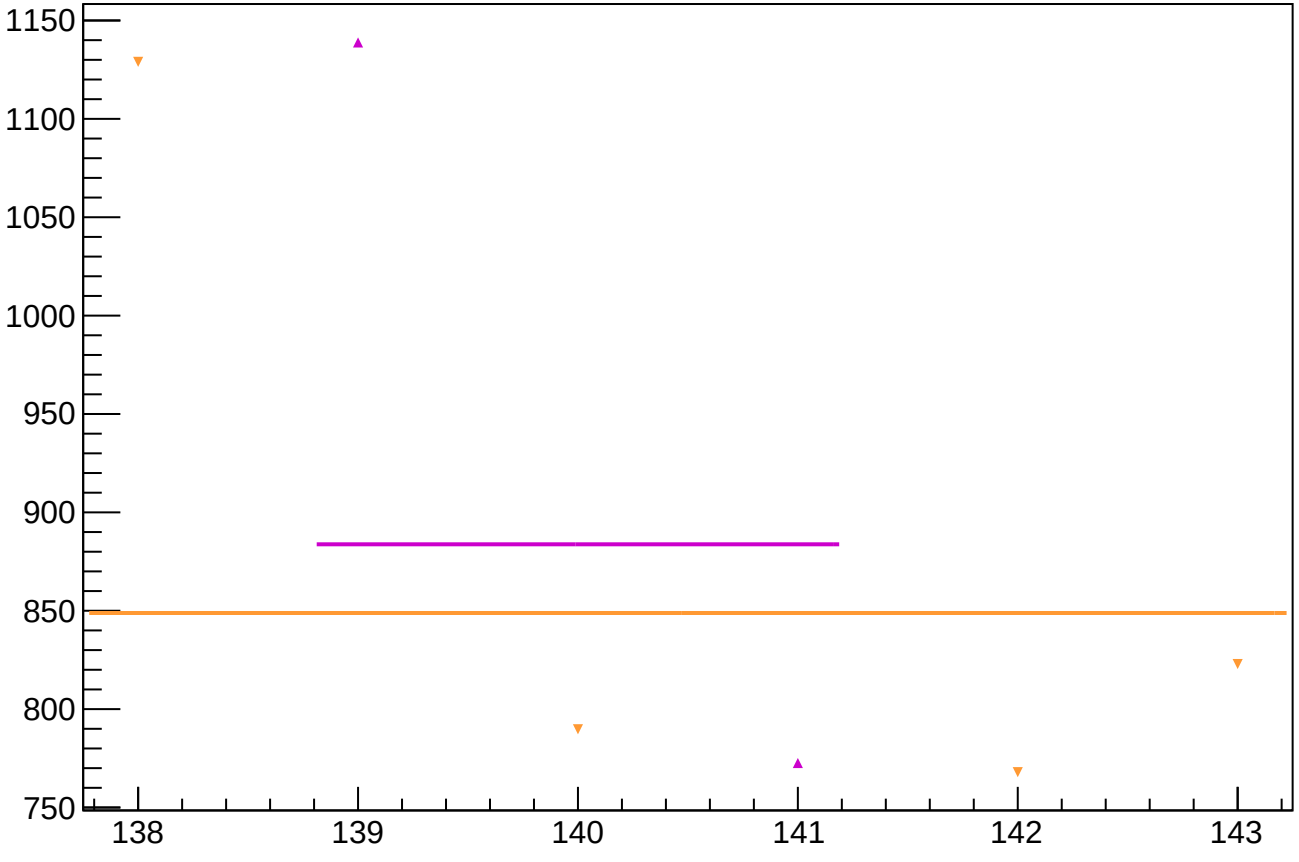
Left In: -732.166+/-703.627 χ^2/NDF:2.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -865.665+/-424.004 χ^2/NDF: 11.4/5

- 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: 848.857+/-0.376 χ^2/NDF:108921.1/3

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

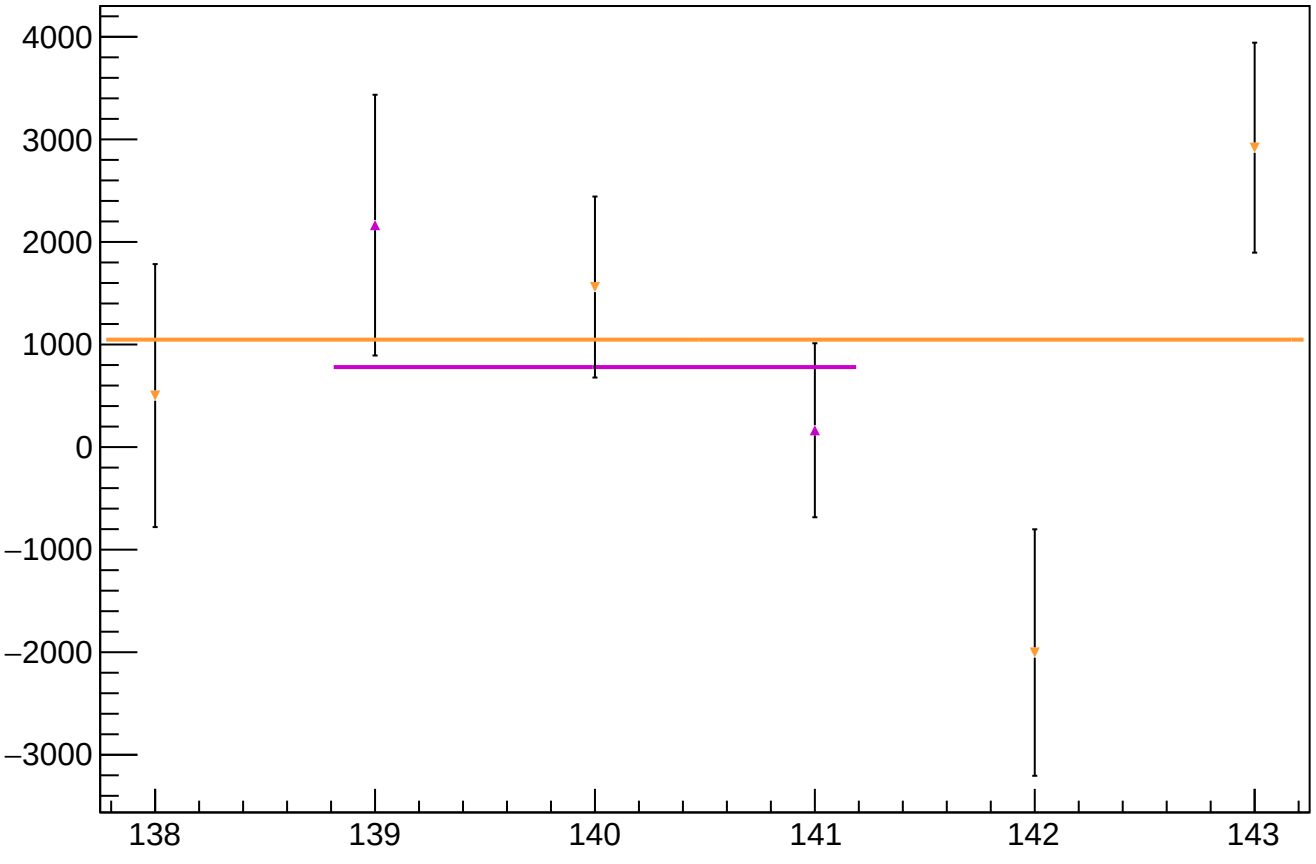
Left In: 883.771+/-0.498 χ^2/NDF:114542.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 861.535+/-0.300 χ^2/NDF: 226599.5/5

- 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: 1047.660+/-531.534 χ^2/NDF:10.3/3

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

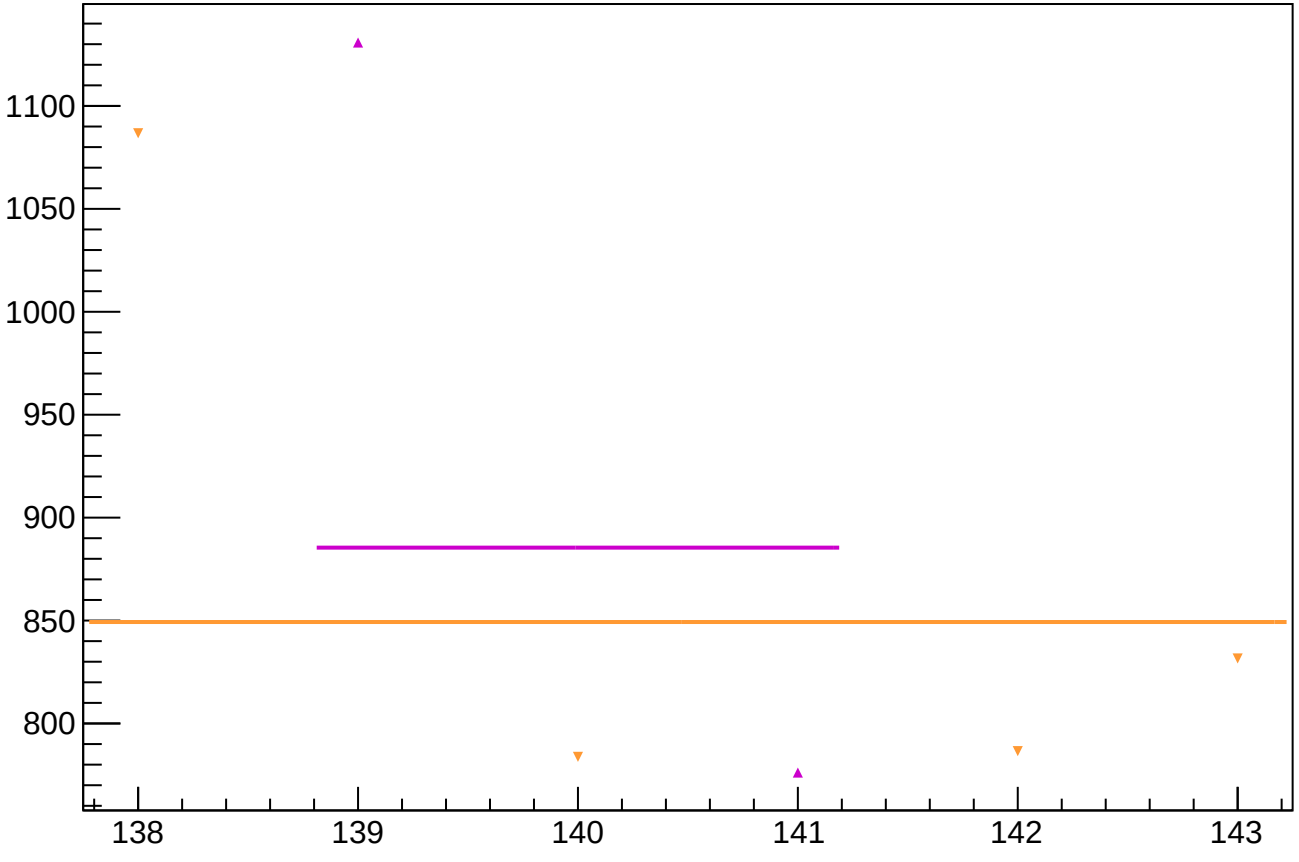
Left In: 780.250+/-705.532 χ^2/NDF:1.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 950.838+/-424.537 χ^2/NDF: 12.1/5

- 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: 849.291+/-0.376 χ^2/NDF:85669.4/3

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

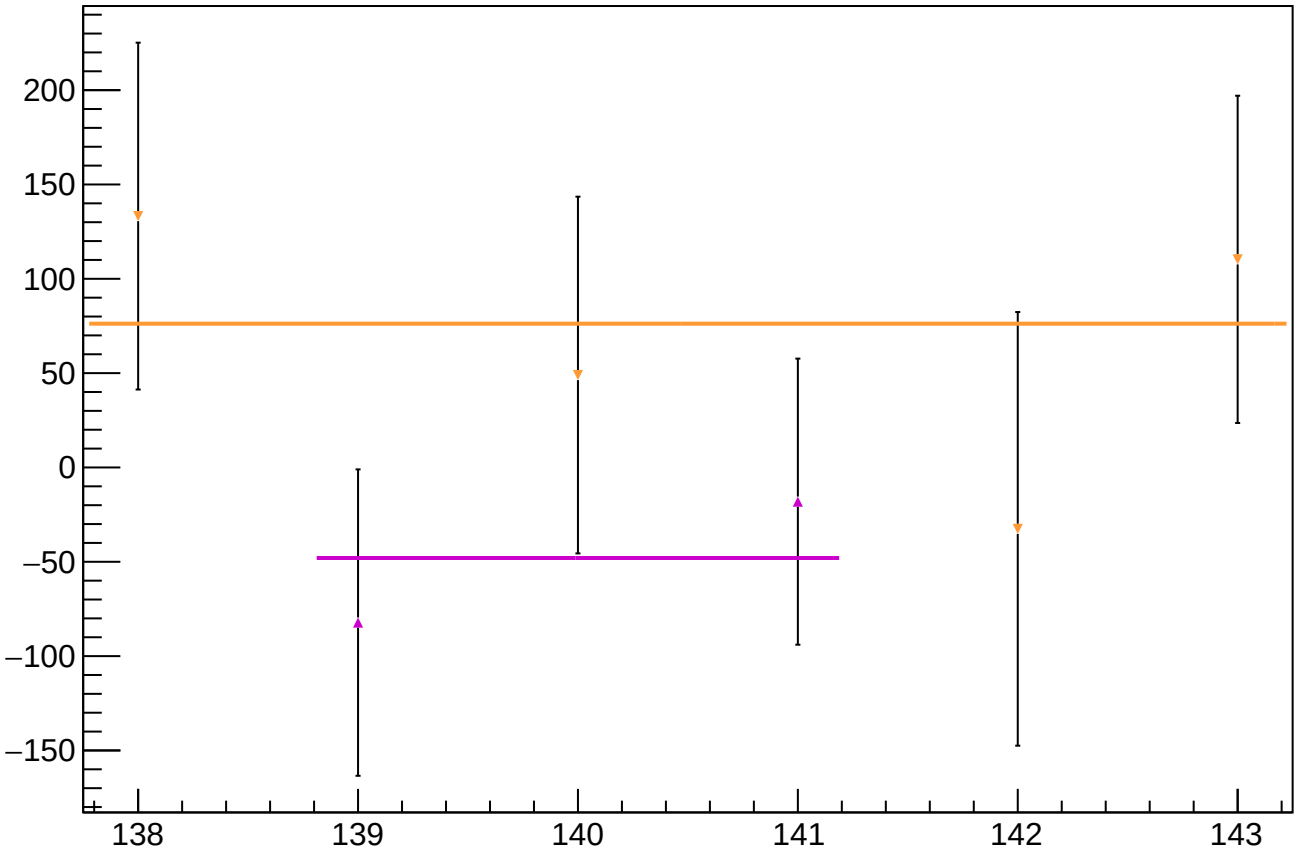
Left In: 885.422+/-0.499 χ^2/NDF:107732.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 862.373+/-0.300 χ^2/NDF: 196747.8/5

- 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: 76.216+/-47.736 χ^2/NDF:1.5/3

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

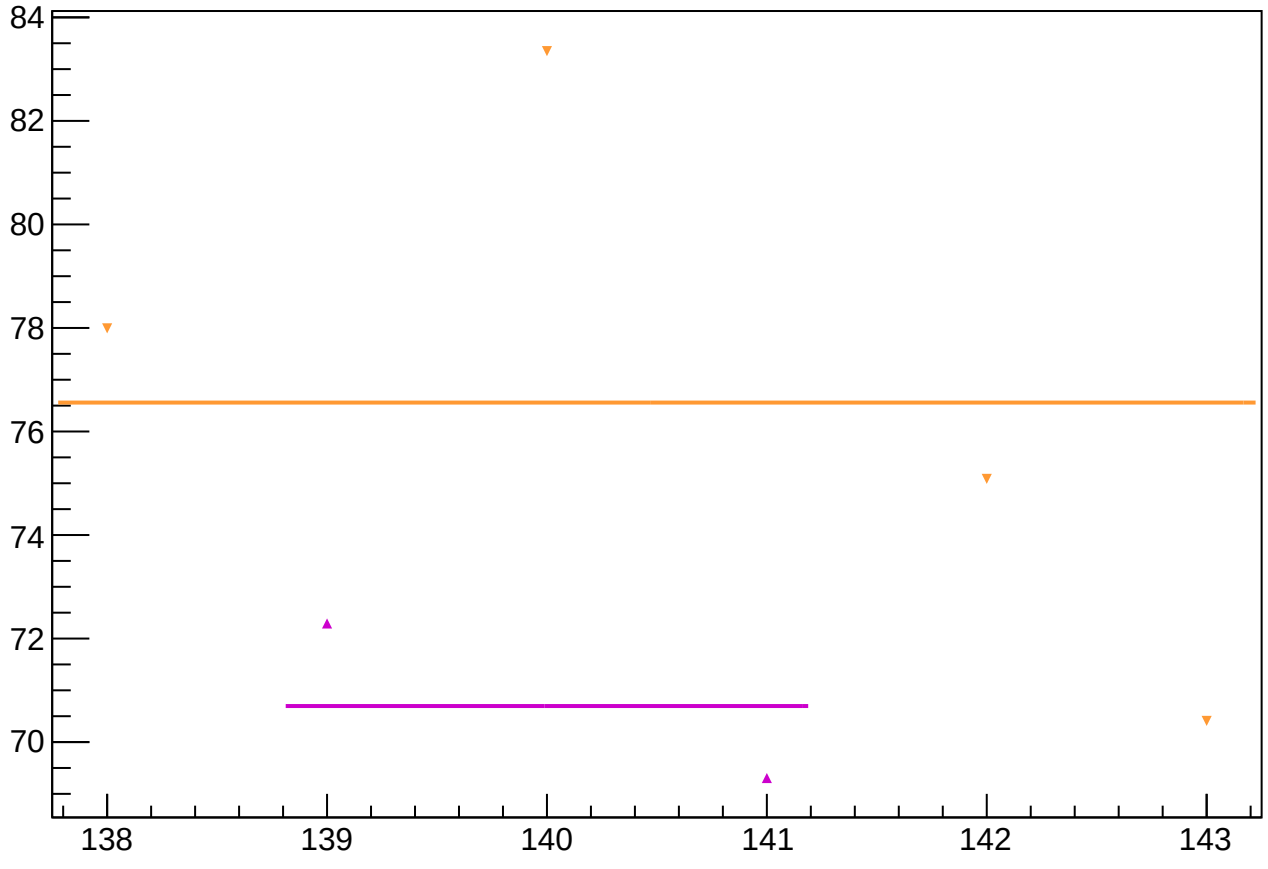
Left In: -47.982+/-55.424 χ^2/NDF:0.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 23.323+/-36.170 χ^2/NDF: 4.7/5

- 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: 76.559+/-0.034 χ^2/NDF:21182.5/3

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

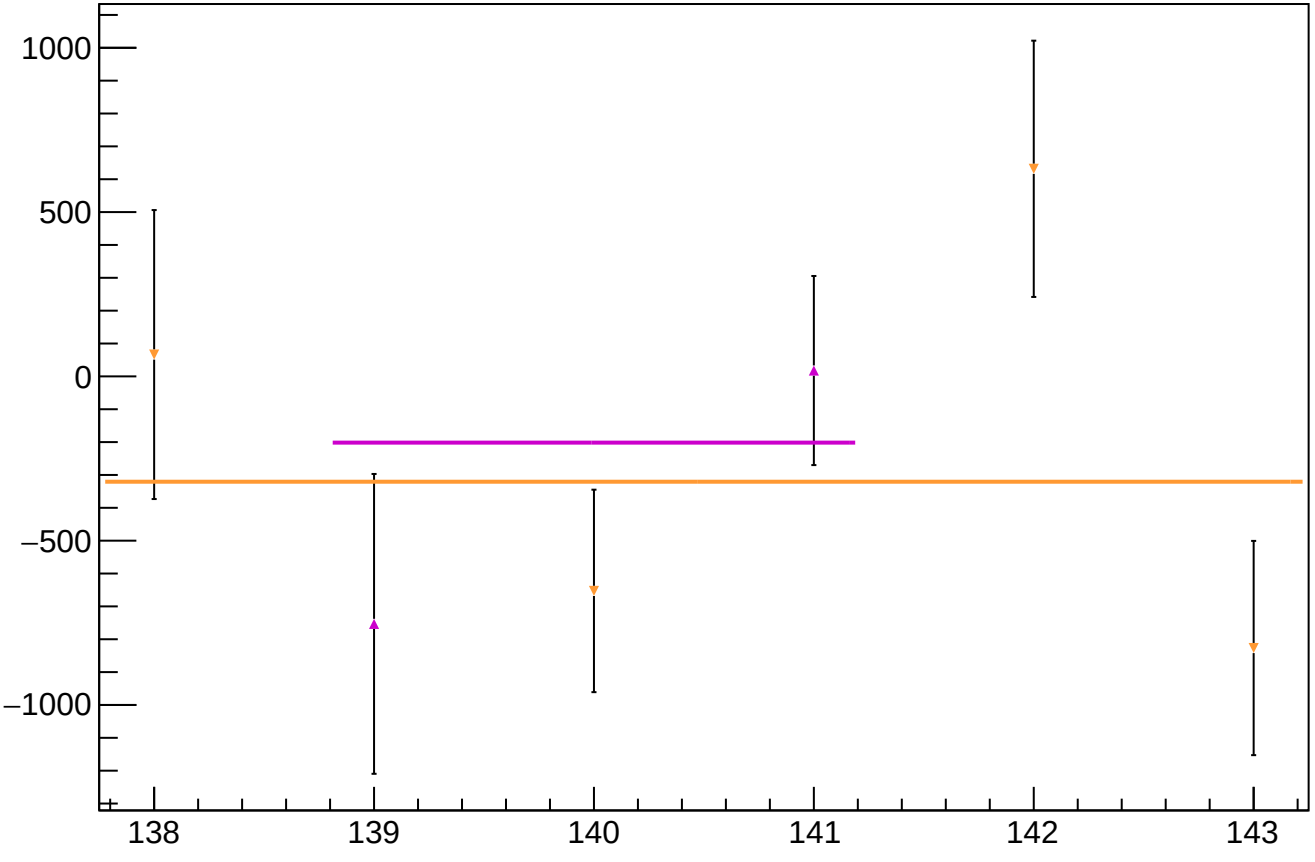
Left In: 70.696+/-0.039 χ^2/NDF:1444.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 74.062+/-0.026 χ^2/NDF: 35472.9/5

- 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: -320.590+/-177.635 χ^2/NDF:10.3/3

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

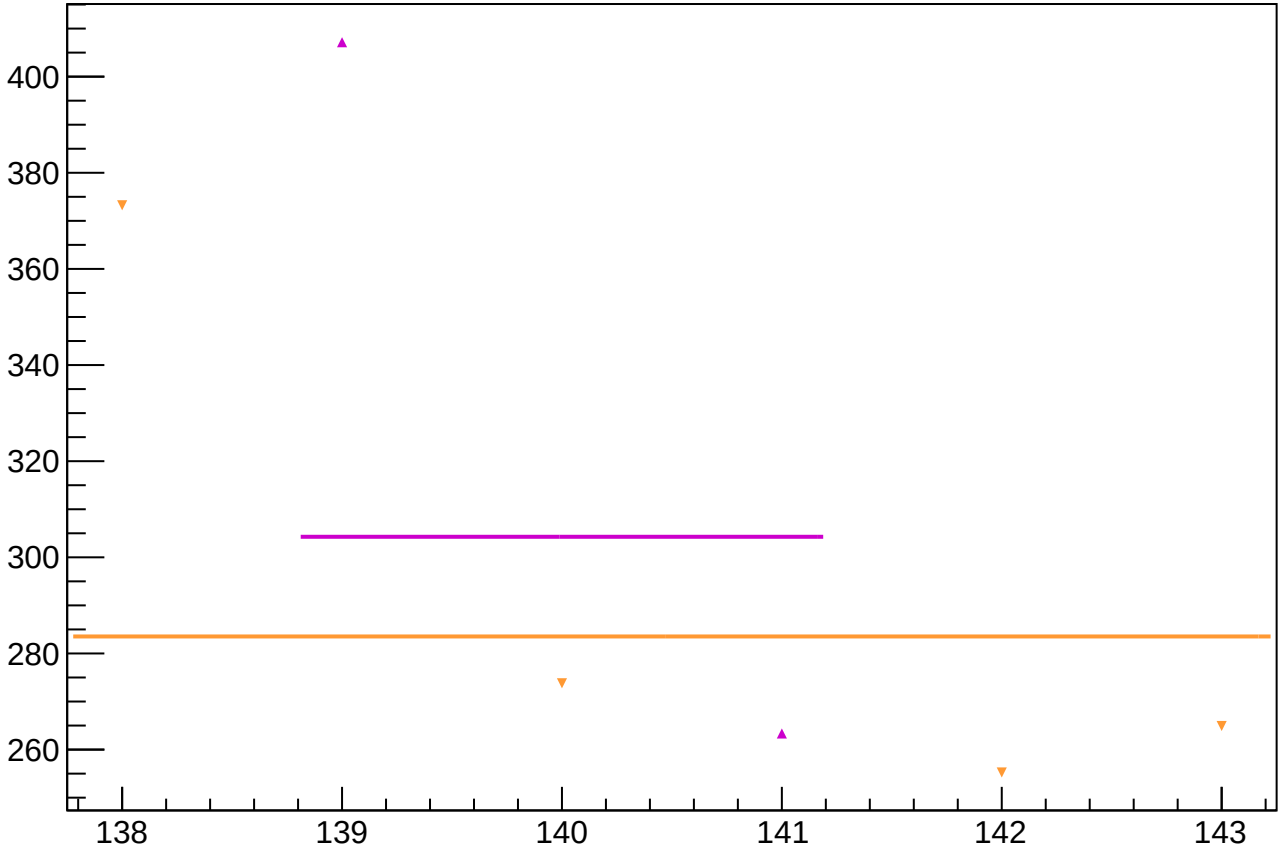
Left In: -201.608+/-243.383 χ^2/NDF:2.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -279.238+/-143.483 χ^2/NDF: 12.5/5

- 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: 283.535+/-0.126 χ^2/NDF:102288.3/3

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

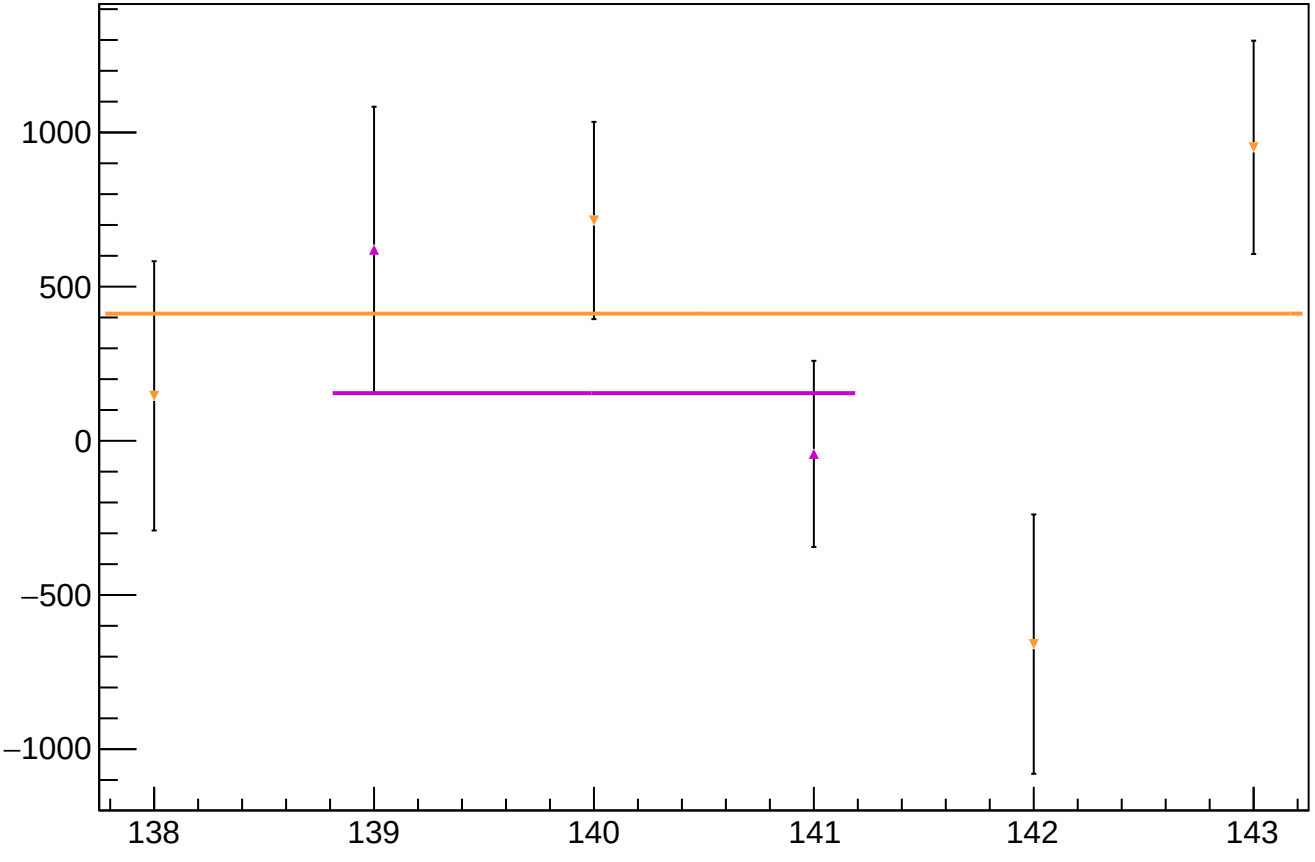
Left In: 304.274+/-0.172 χ^2/NDF:142158.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 290.743+/-0.101 χ^2/NDF: 253920.8/5

- 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: 412.498+/-185.605 χ^2/NDF:10.2/3

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

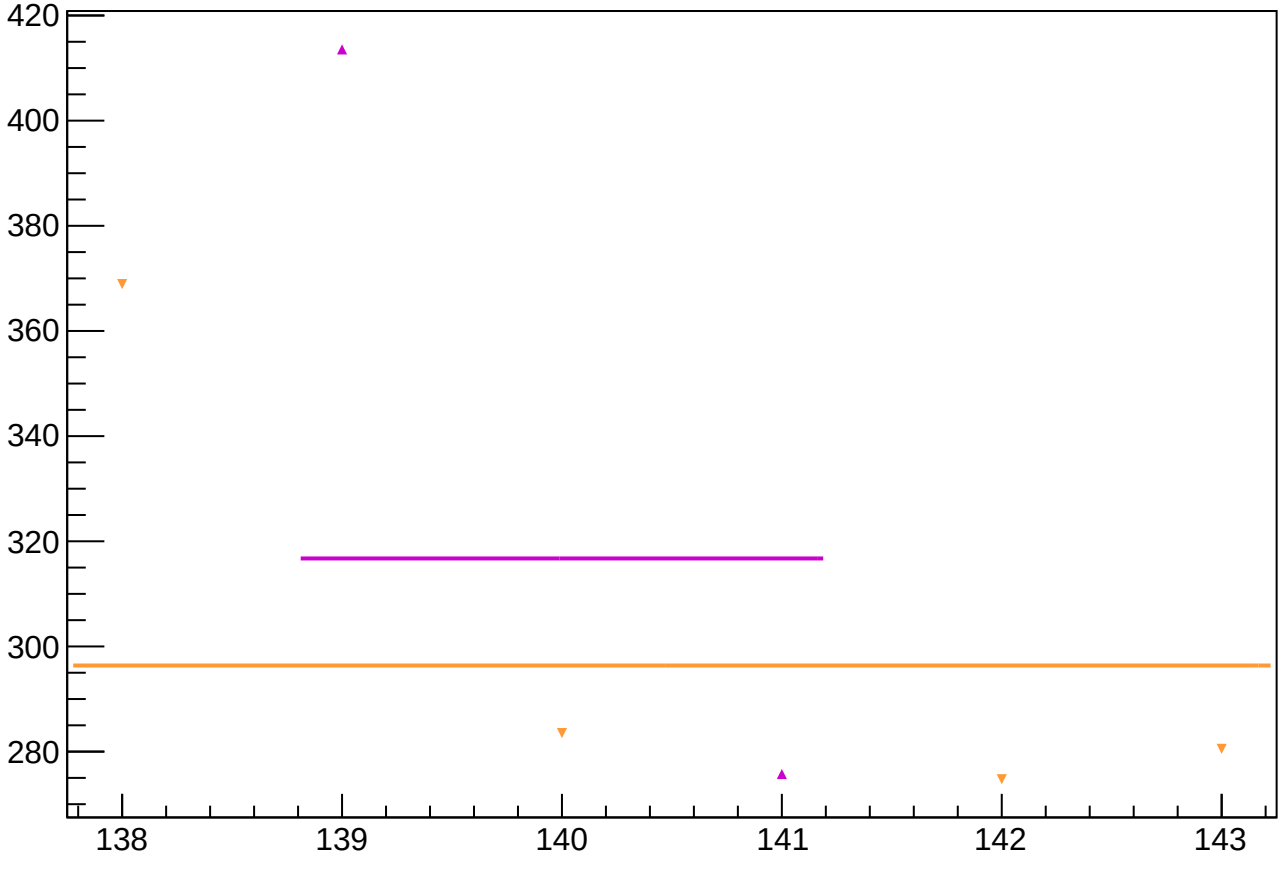
Left In: 154.583+/-252.986 χ^2/NDF:1.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 322.251+/-149.650 χ^2/NDF: 12.3/5

- 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: 296.377+/-0.131 χ^2/NDF:67918.1/3

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

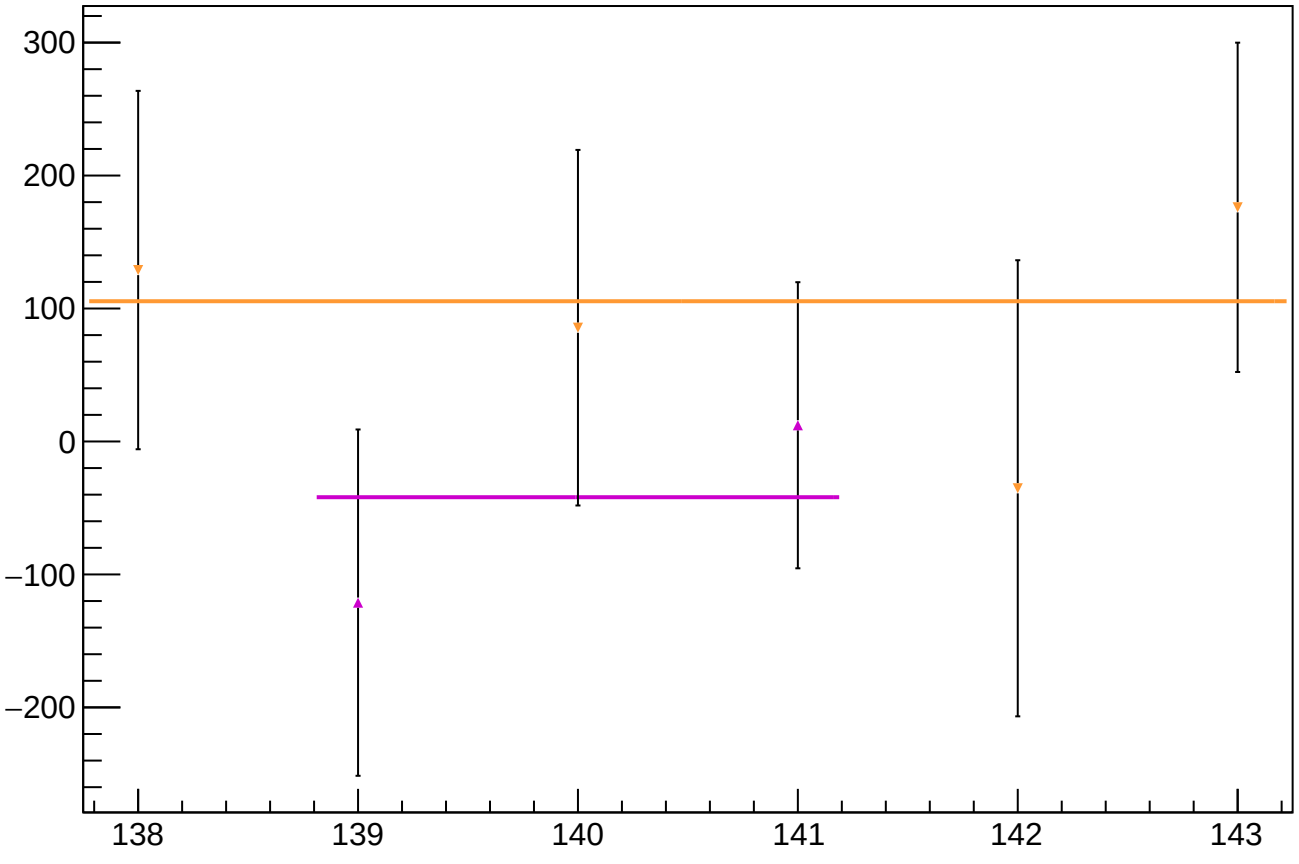
Left In: 316.734+/-0.179 χ^2/NDF:124015.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 303.500+/-0.106 χ^2/NDF: 200351.7/5

- 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: 105.476+/-68.975 χ^2/NDF:1.1/3

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

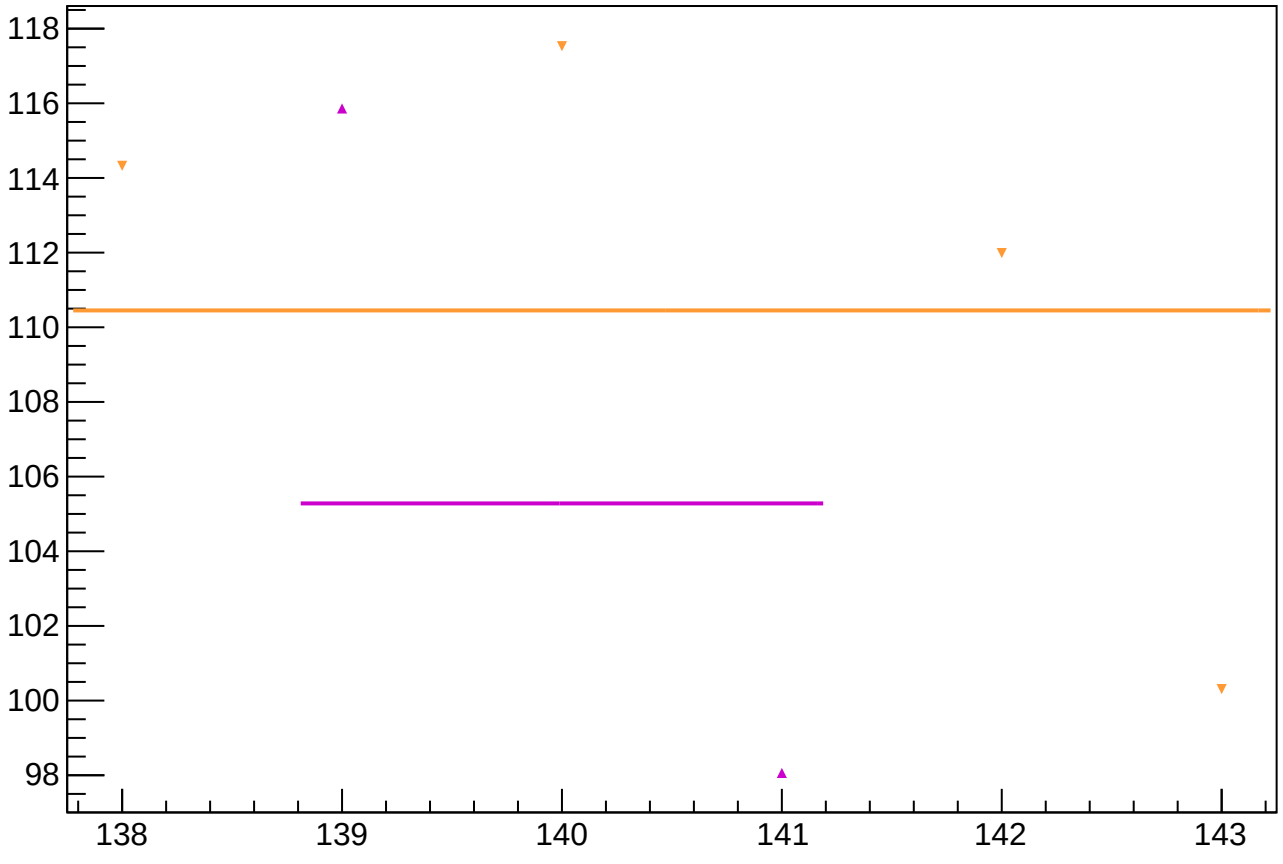
Left In: -41.919+/-82.944 χ^2/NDF:0.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 45.219+/-53.034 χ^2/NDF: 3.5/5

- 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: 110.452+/-0.049 χ^2/NDF:20835.9/3

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

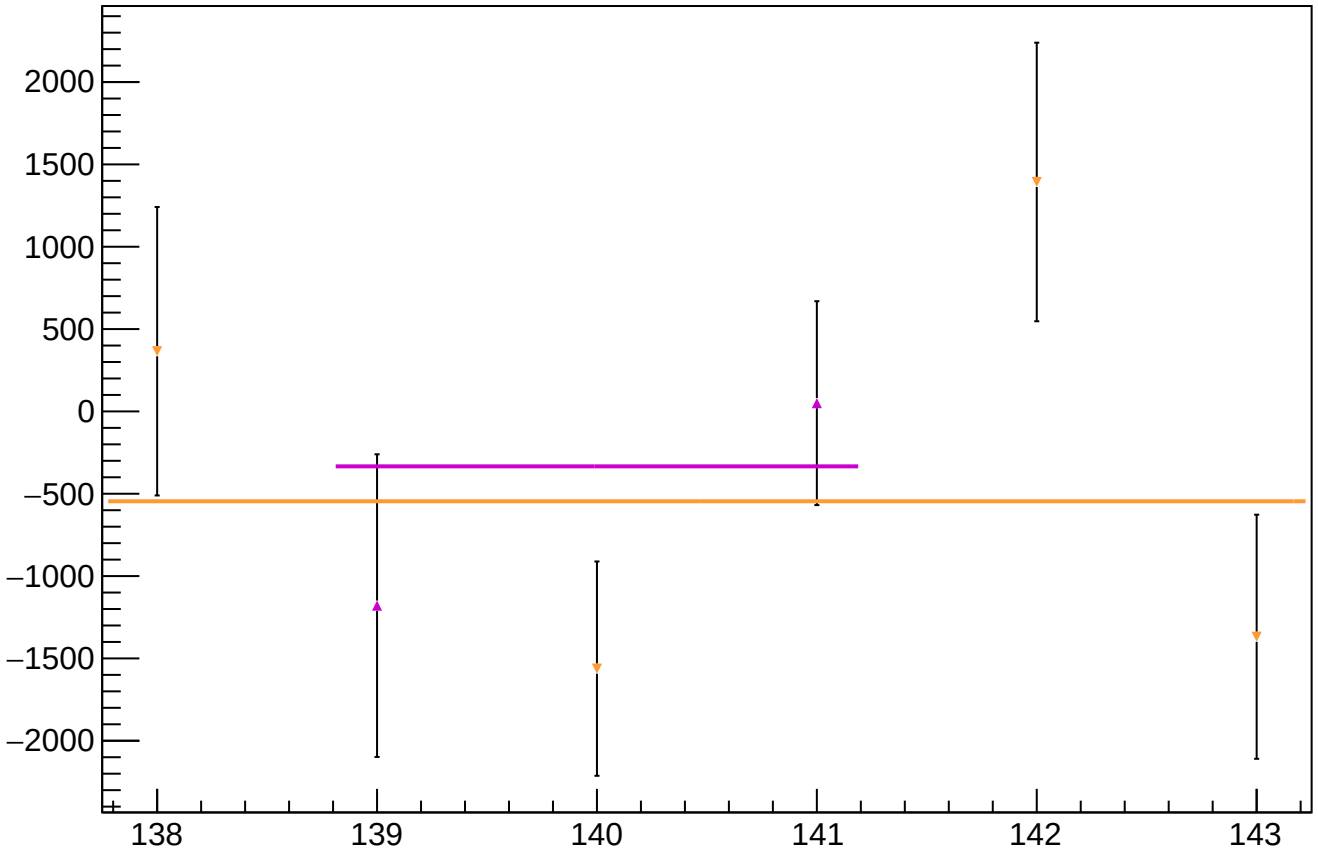
Left In: 105.282+/-0.059 χ^2/NDF:22207.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 108.338+/-0.038 χ^2/NDF: 47636.6/5

- 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: -545.672+/-381.180 χ^2/NDF:10.0/3

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

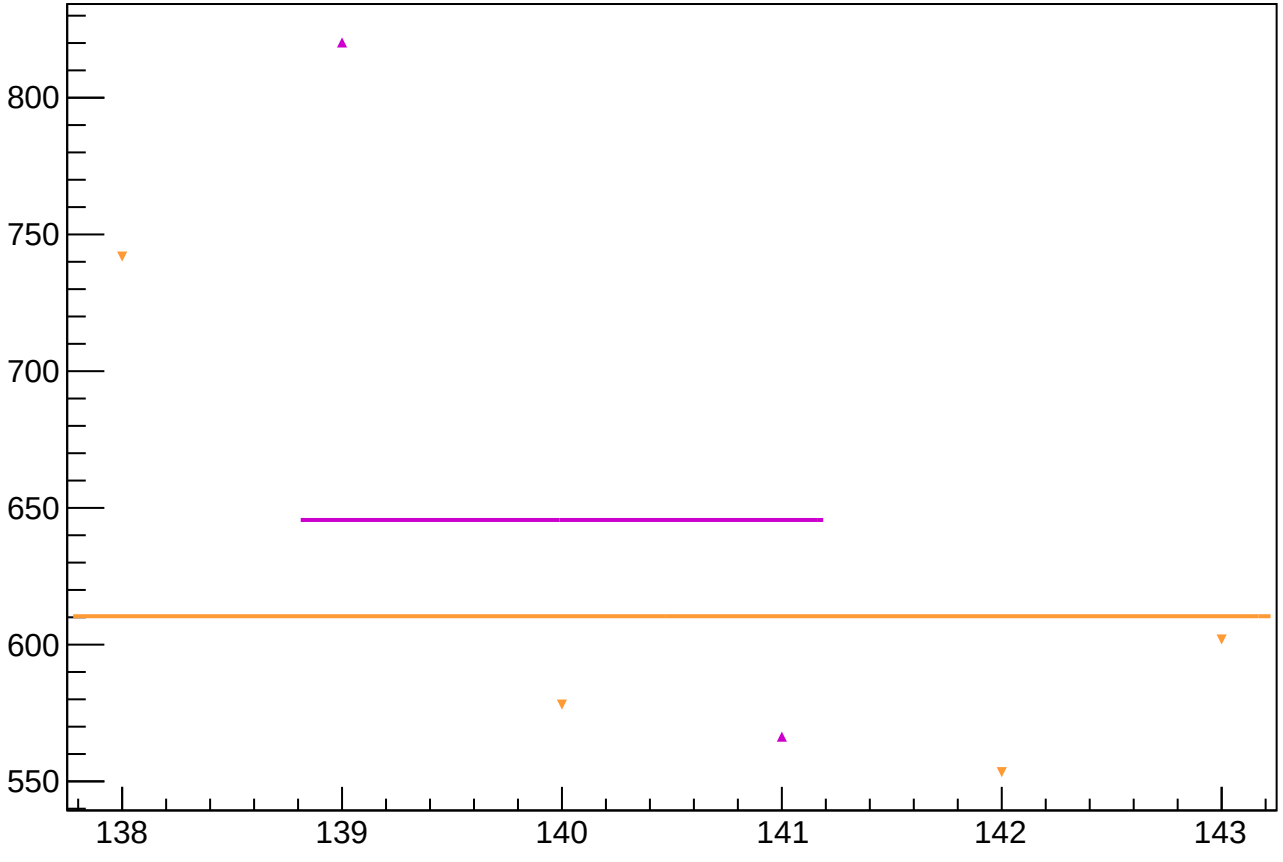
Left In: -333.667+/-513.438 χ^2/NDF:1.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -470.341+/-306.056 χ^2/NDF: 11.3/5

- 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: 610.389+/-0.270 χ^2/NDF:59381.5/3

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

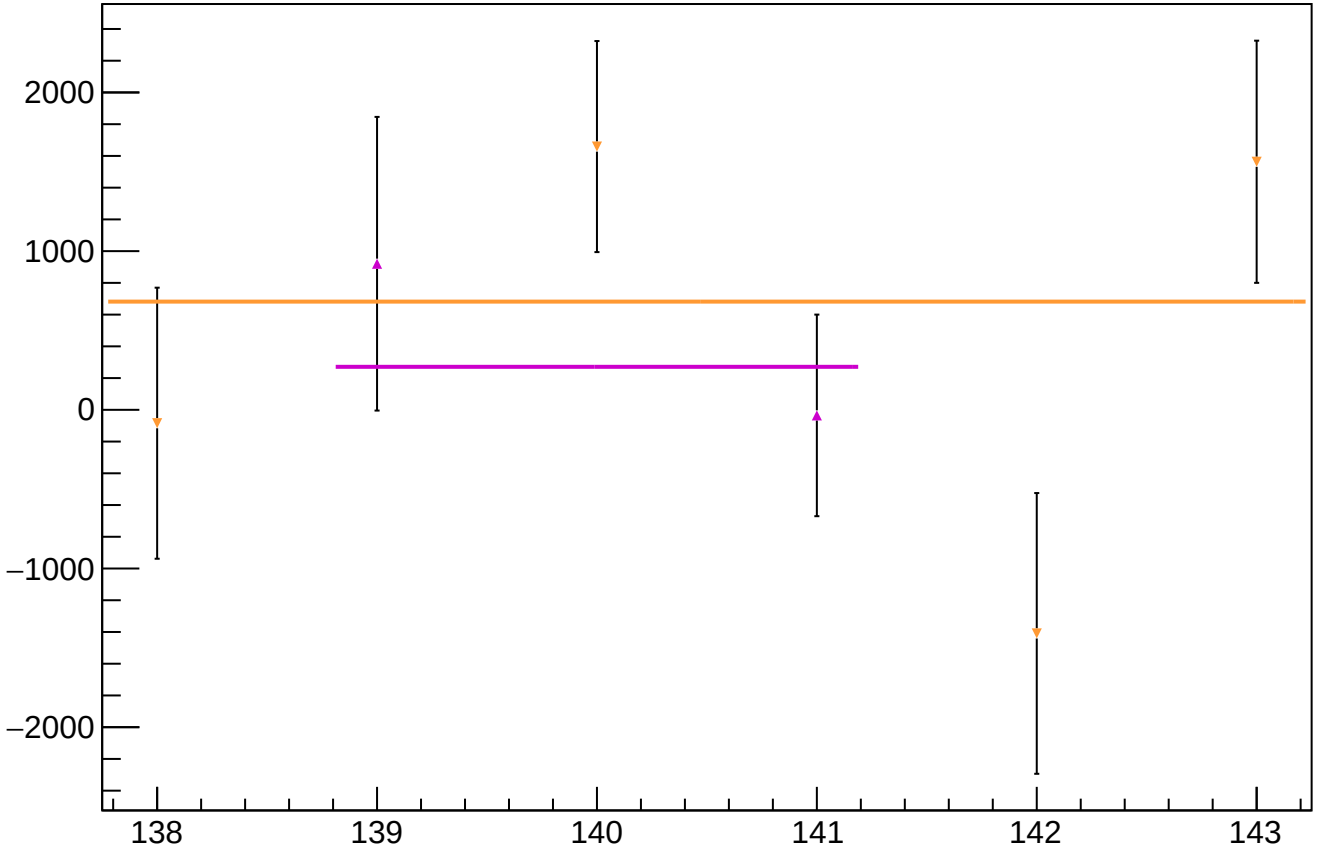
Left In: 645.589+/-0.363 χ^2/NDF:104981.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 622.897+/-0.216 χ^2/NDF: 170422.9/5

- 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: 681.955+/-388.458 χ^2/NDF:9.9/3

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

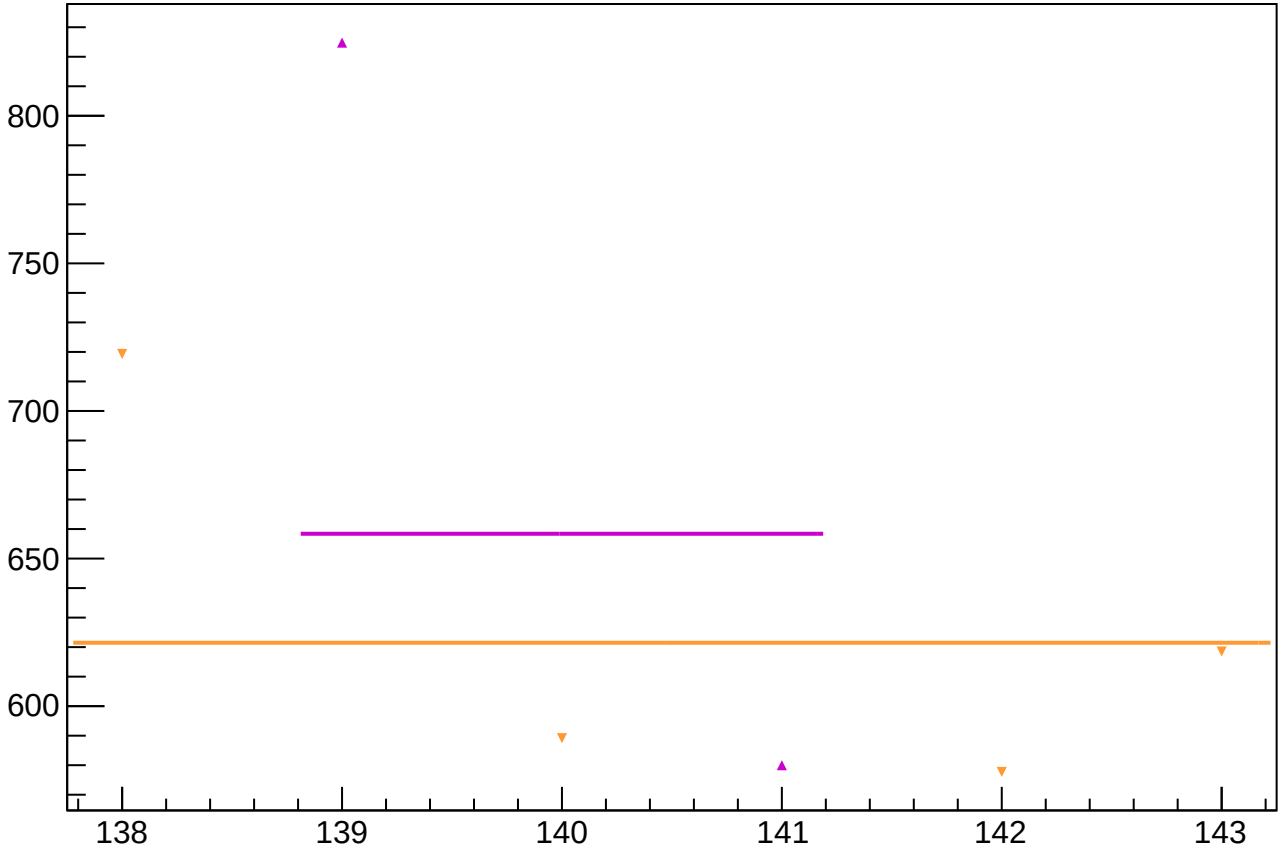
Left In: 271.003+/-523.679 χ^2/NDF:0.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 536.091+/-311.992 χ^2/NDF: 11.0/5

- 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: 621.481+/-0.275 χ^2/NDF:35896.8/3

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

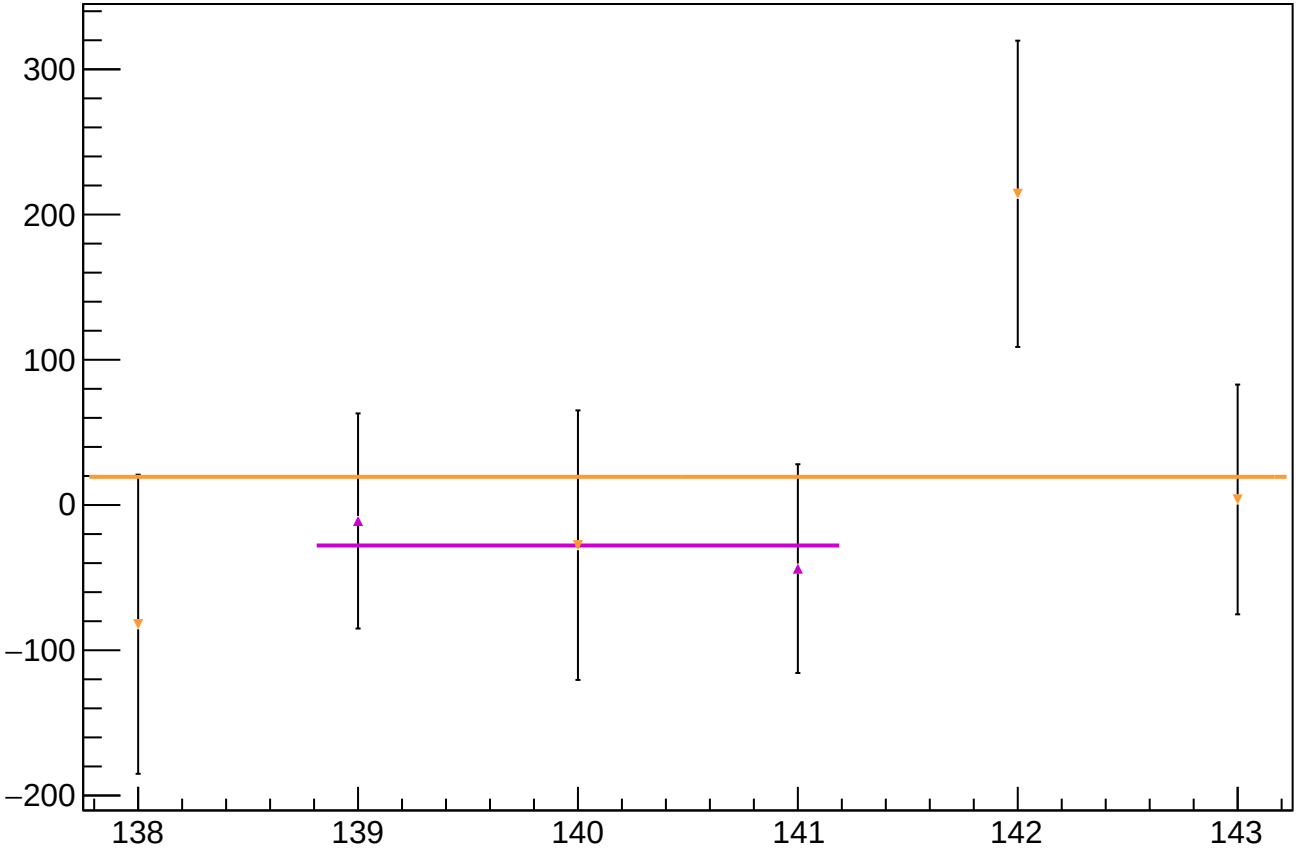
Left In: 658.405+/-0.370 χ^2/NDF:95144.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 634.587+/-0.221 χ^2/NDF: 137455.0/5

- 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: 19.425+/-46.612 χ^2/NDF:4.7/3

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

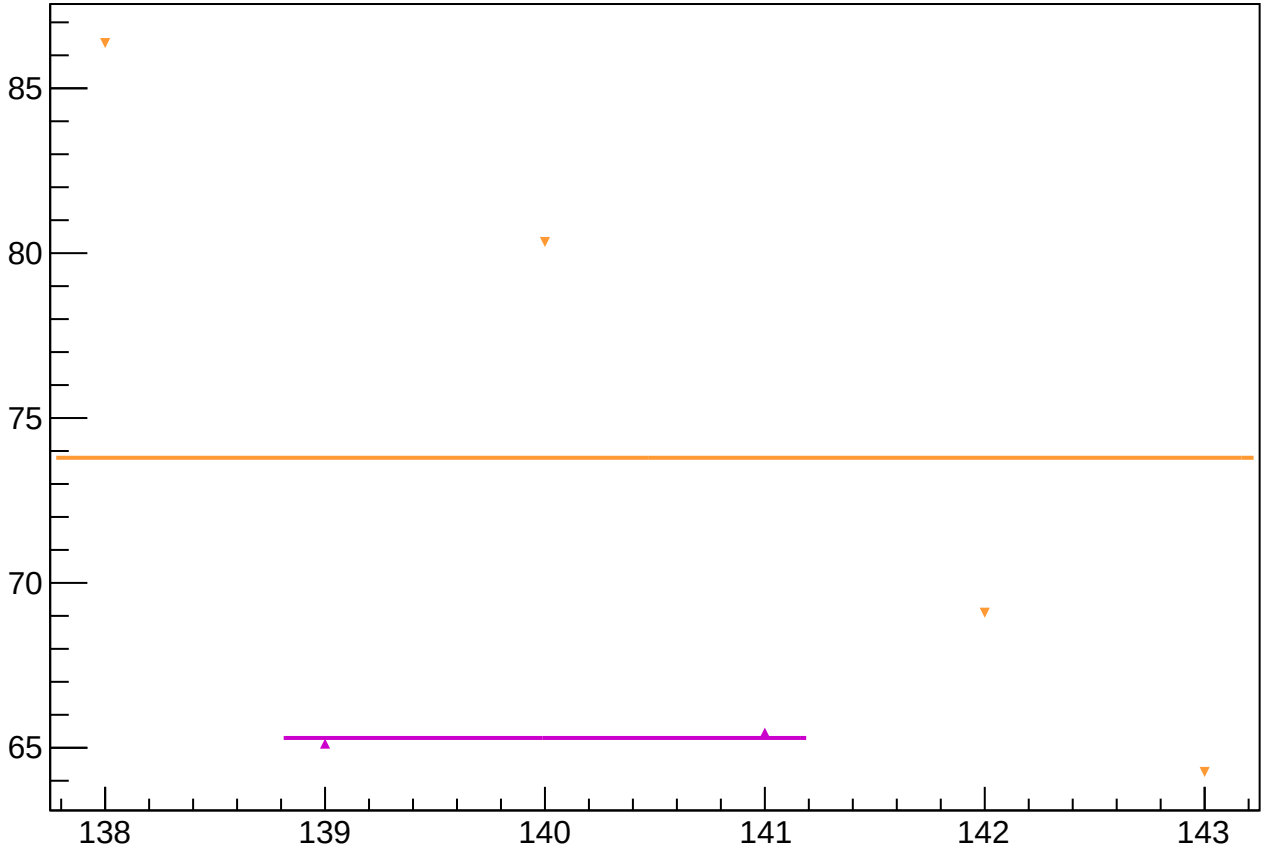
Left In: -27.869+/-51.572 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.839+/-34.581 χ^2/NDF: 5.2/5

- 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: 73.795+/-0.033 χ^2/NDF:72774.6/3

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

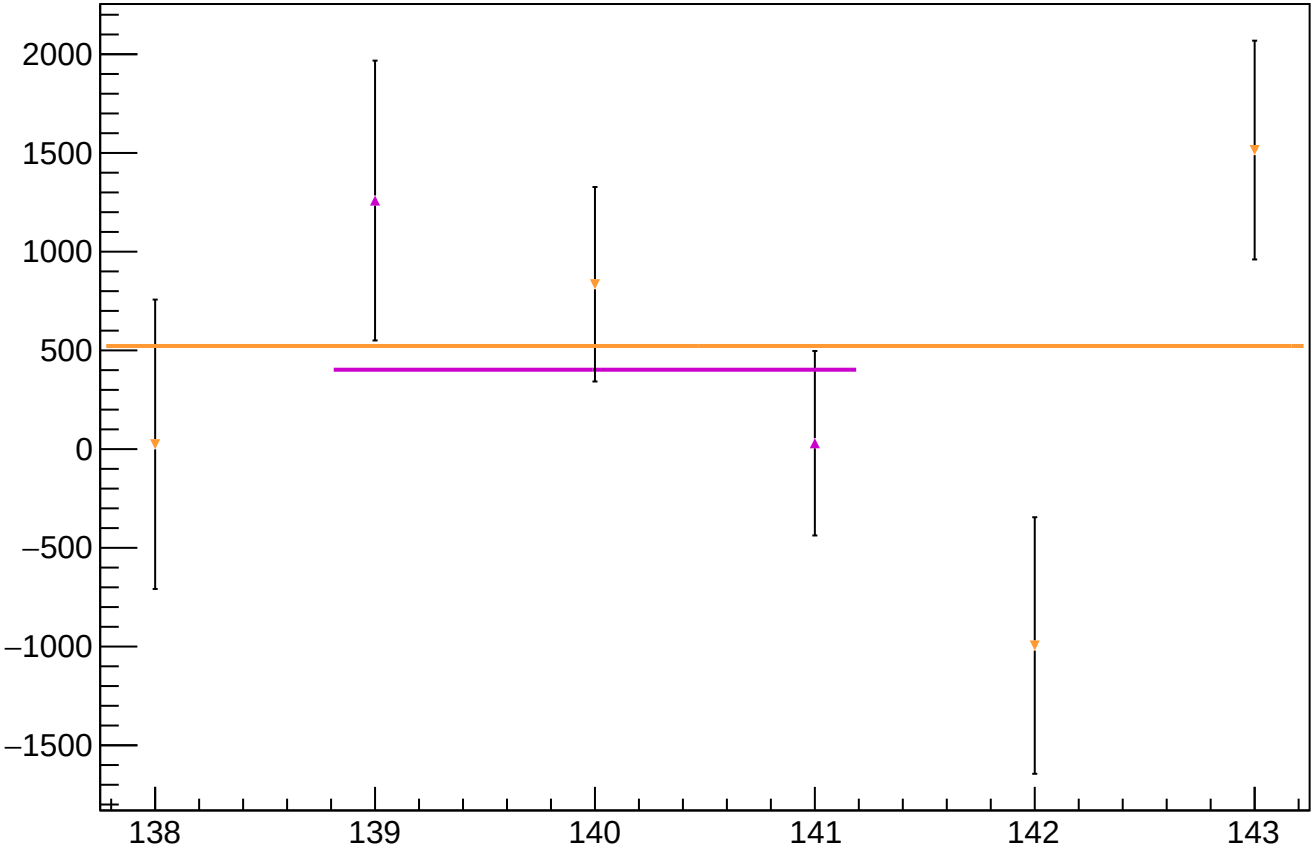
Left In: 65.298+/-0.036 χ^2/NDF:20.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 69.974+/-0.024 χ^2/NDF: 102679.9/5

- 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: 522.386+/-293.454 χ^2/NDF:9.5/3

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

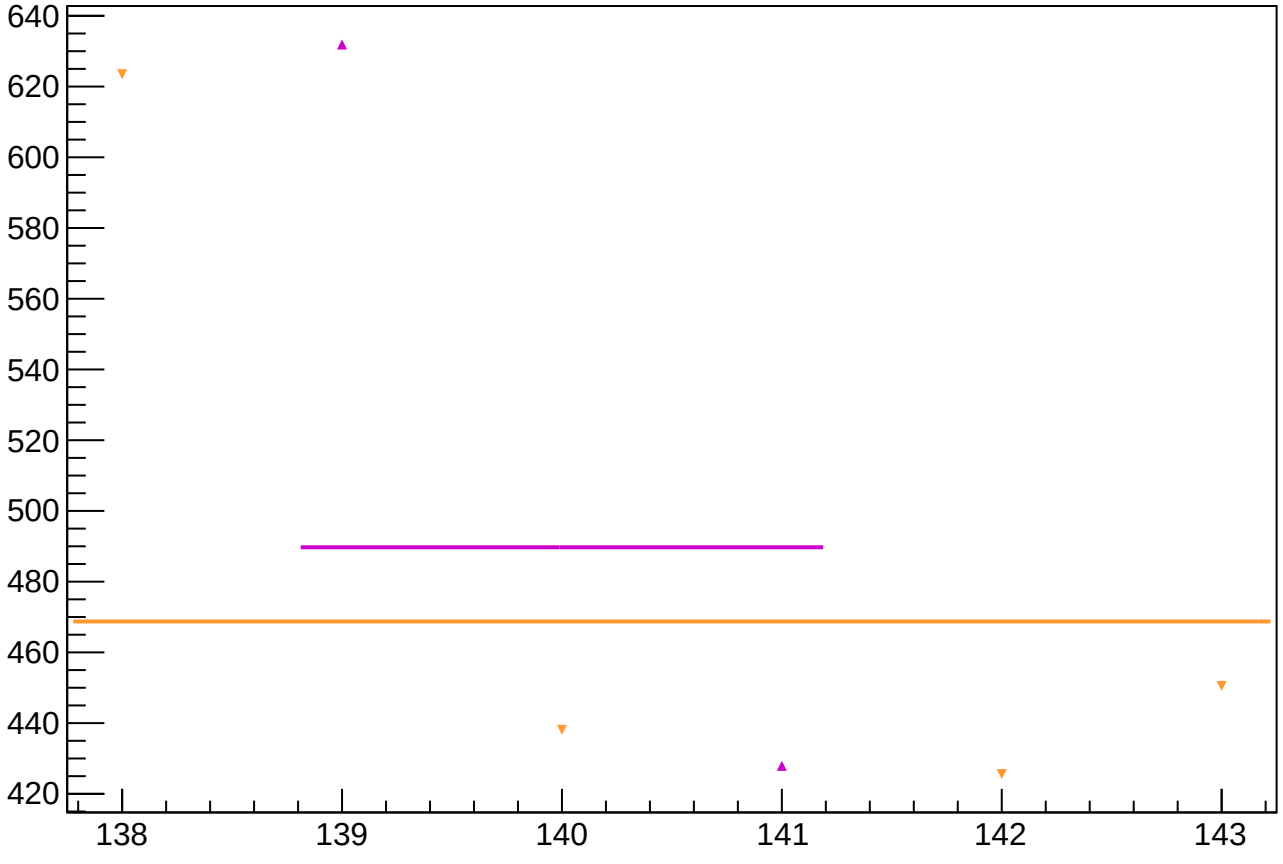
Left In: 402.183+/-390.004 χ^2/NDF:2.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 478.933+/-234.488 χ^2/NDF: 11.7/5

- 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: 468.744+/-0.208 χ^2/NDF:107939.2/3

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

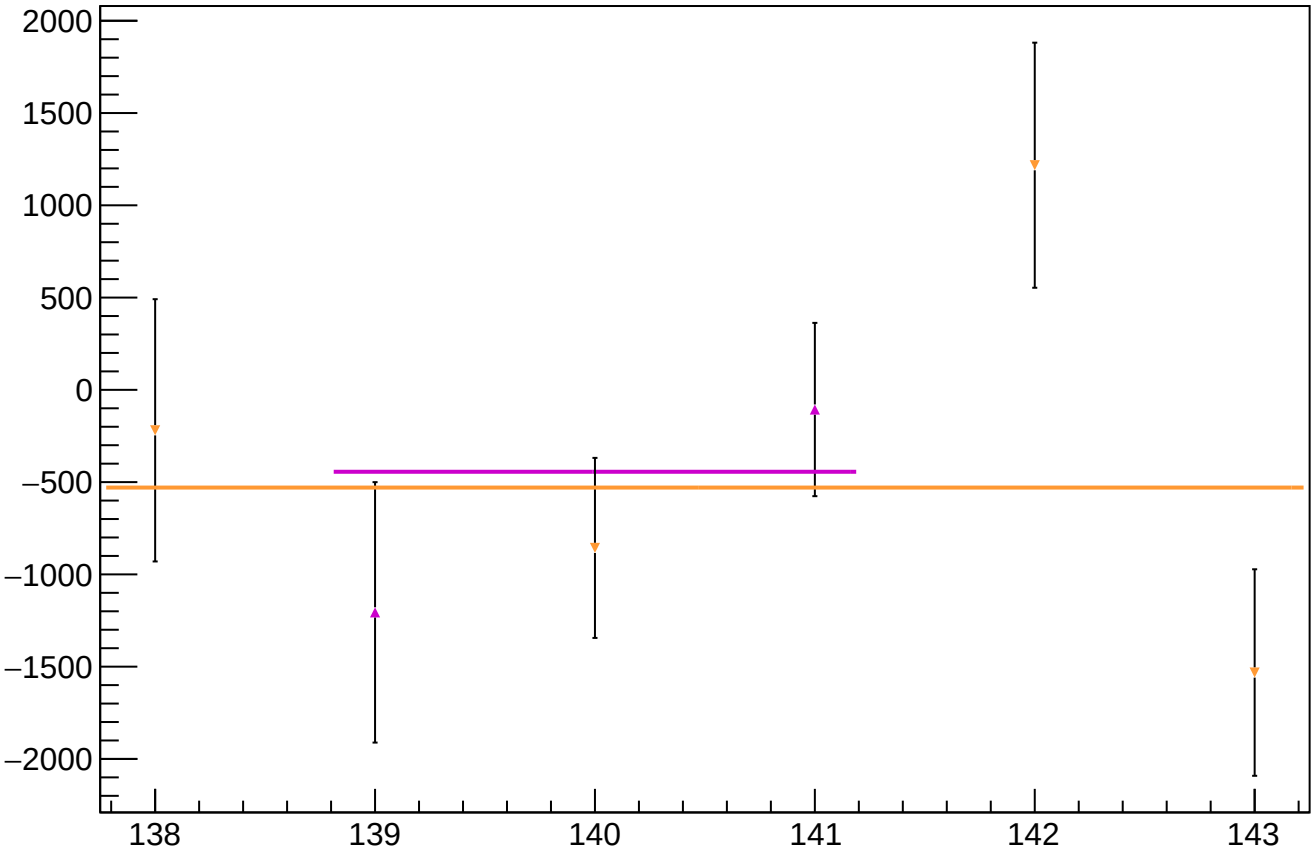
Left In: 489.723+/-0.276 χ^2/NDF:115529.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 476.328+/-0.166 χ^2/NDF: 227164.0/5

- 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: -529.529+/-293.046 χ^2/NDF:10.8/3

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

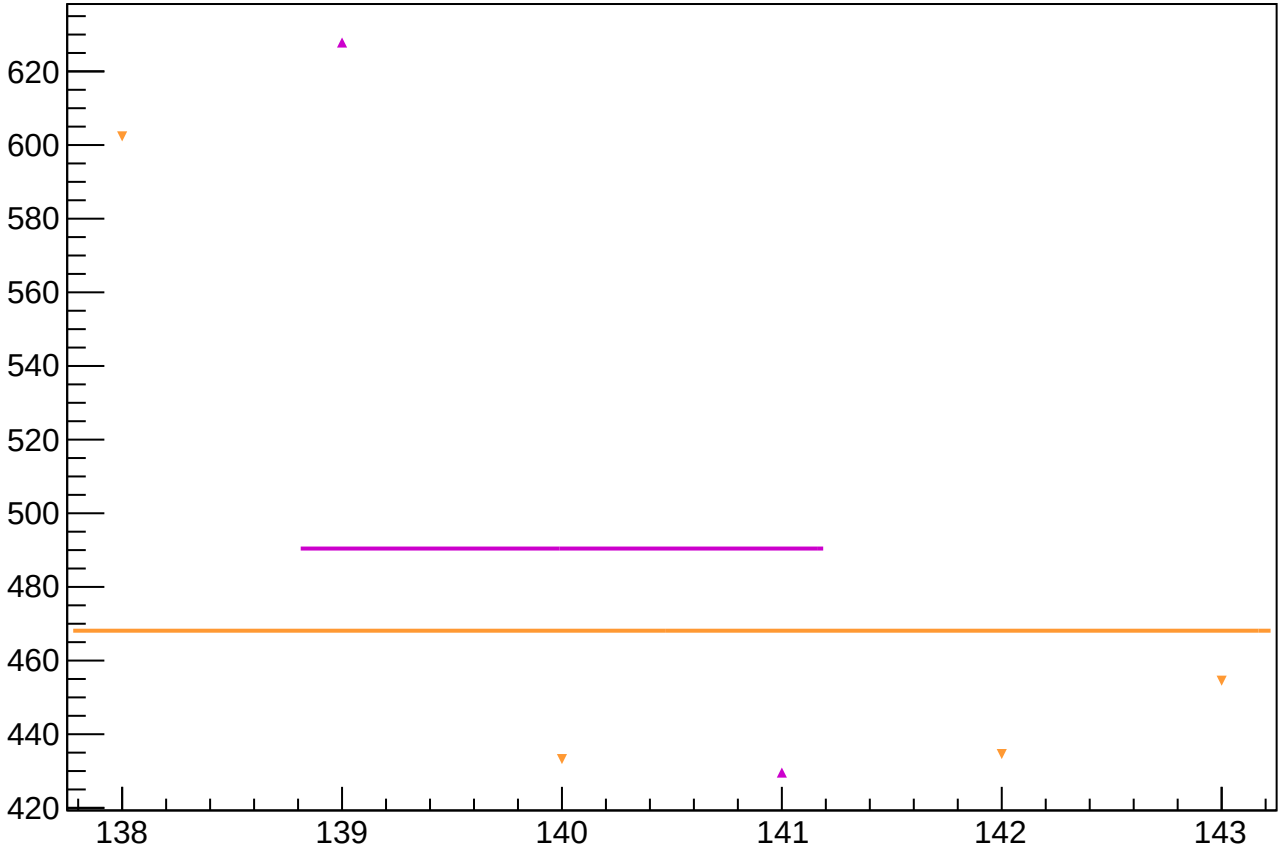
Left In: -443.925+/-390.883 χ^2/NDF:1.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -498.728+/-234.470 χ^2/NDF: 12.5/5

- 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: 468.111+/-0.207 χ^2/NDF:87856.1/3

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

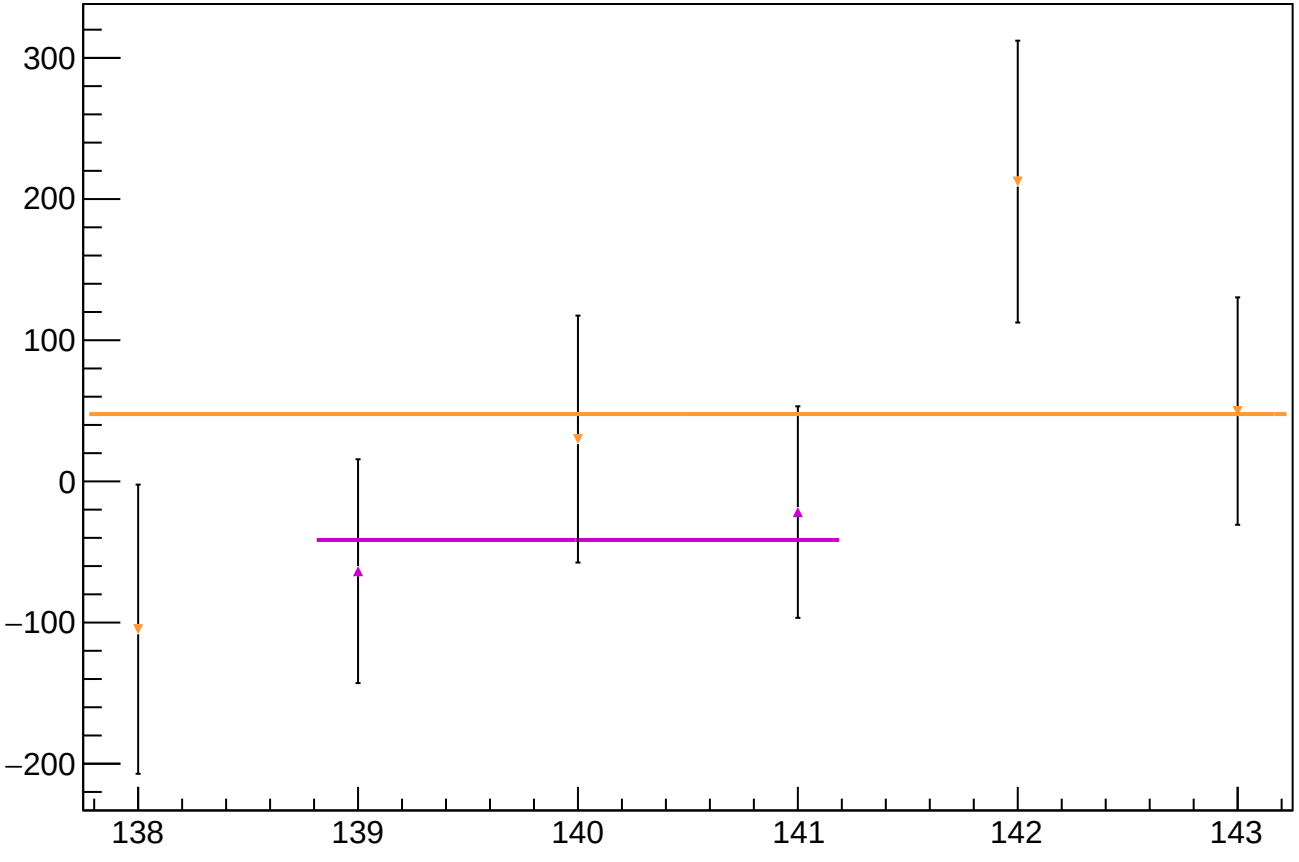
Left In: 490.422+/-0.276 χ^2/NDF:109434.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 476.139+/-0.166 χ^2/NDF: 201462.1/5

- 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: 47.699+/-45.626 χ^2/NDF:5.0/3

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

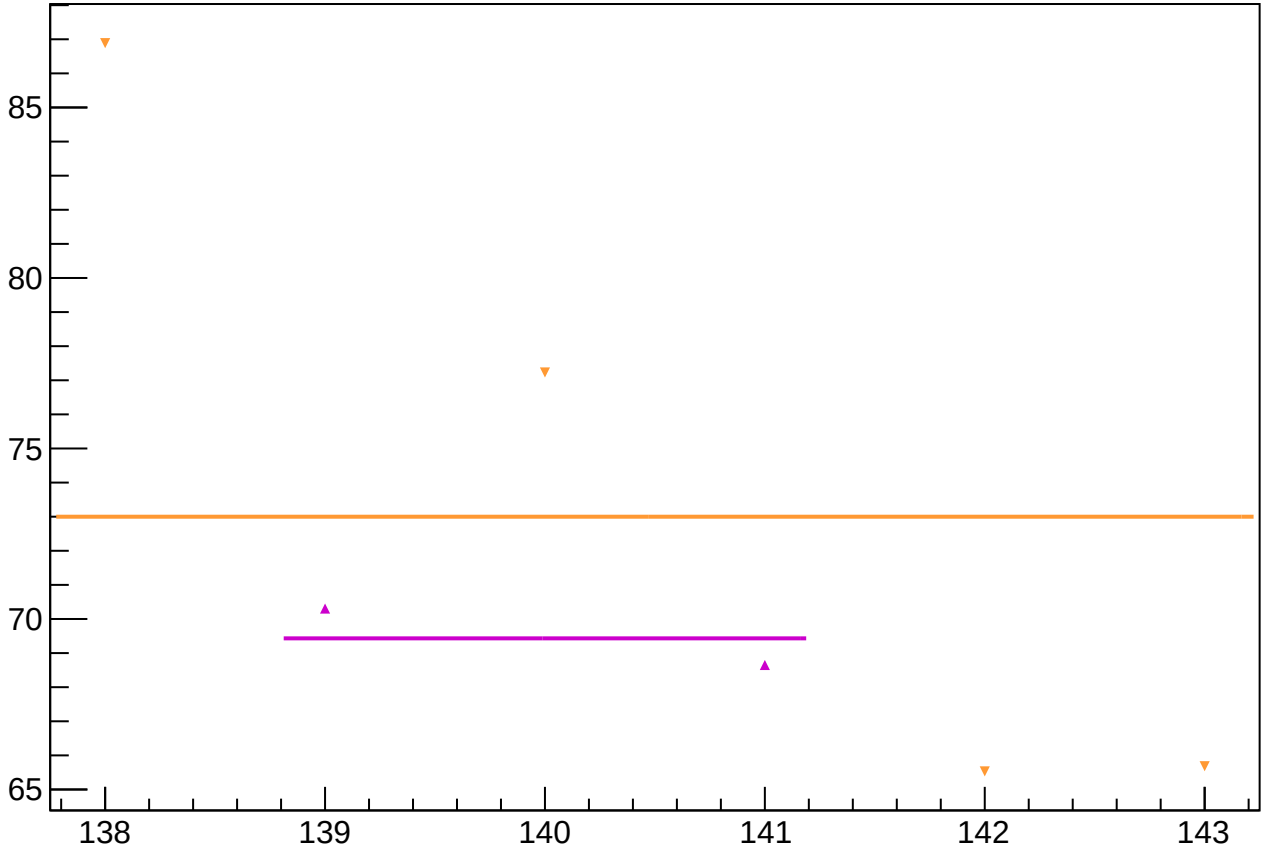
Left In: -41.484+/-54.458 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.917+/-34.974 χ^2/NDF: 6.7/5

- 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: 72.999+/-0.032 χ^2/NDF:69124.9/3

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

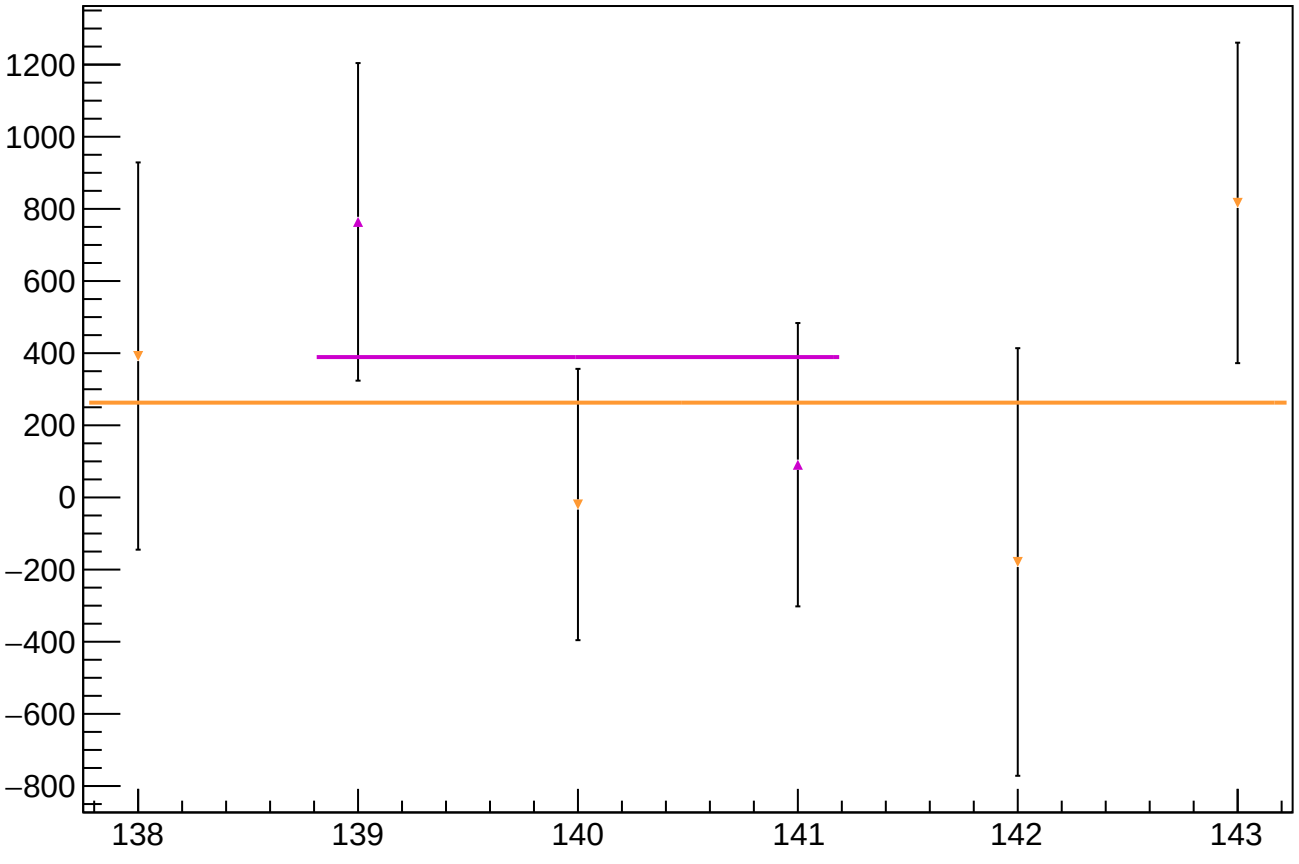
Left In: 69.432+/-0.039 χ^2/NDF:460.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 71.528+/-0.025 χ^2/NDF: 74627.7/5

- 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: 262.844+/-232.776 χ^2/NDF:2.7/3

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

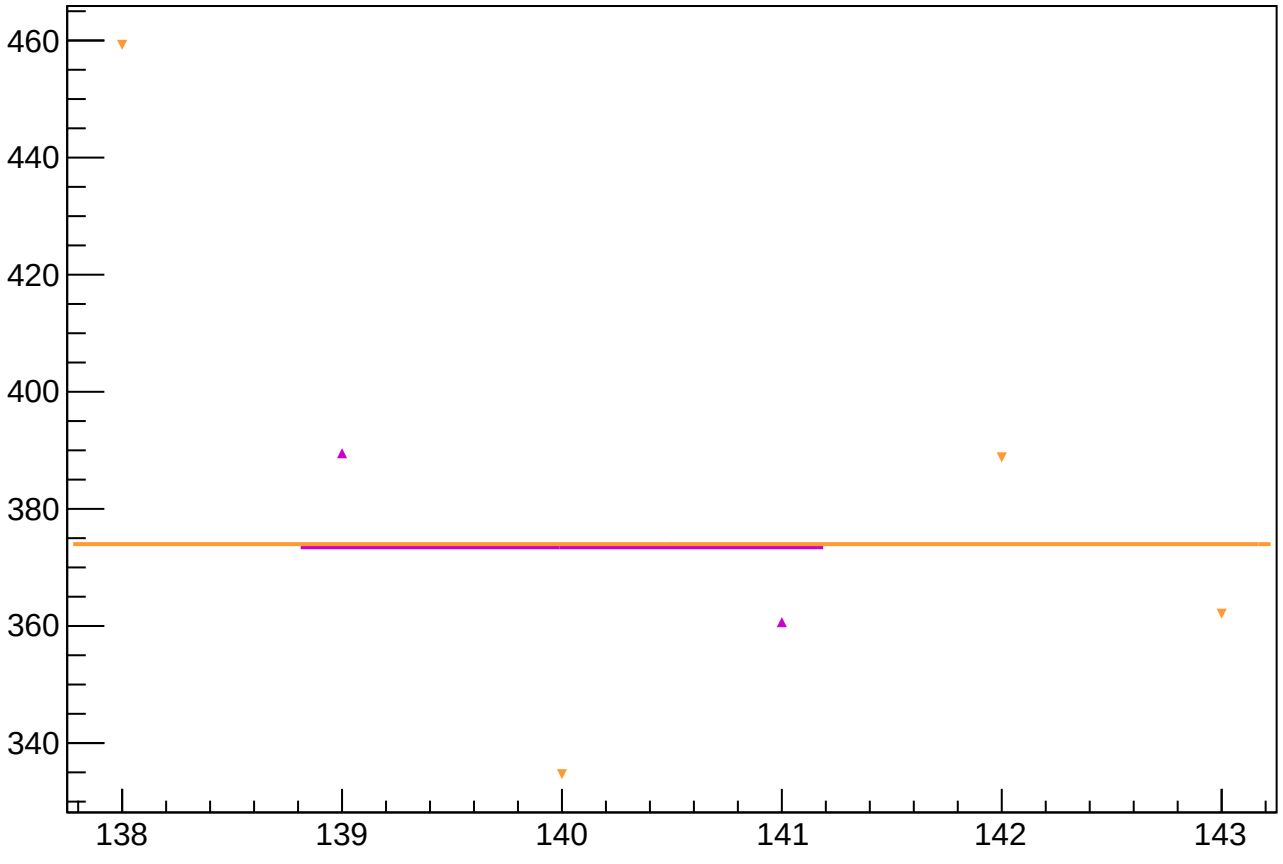
Left In: 389.171+/-293.078 χ^2/NDF:1.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 311.709+/-182.278 χ^2/NDF: 4.1/5

- 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: 373.979+/-0.165 χ^2/NDF:74993.2/3

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

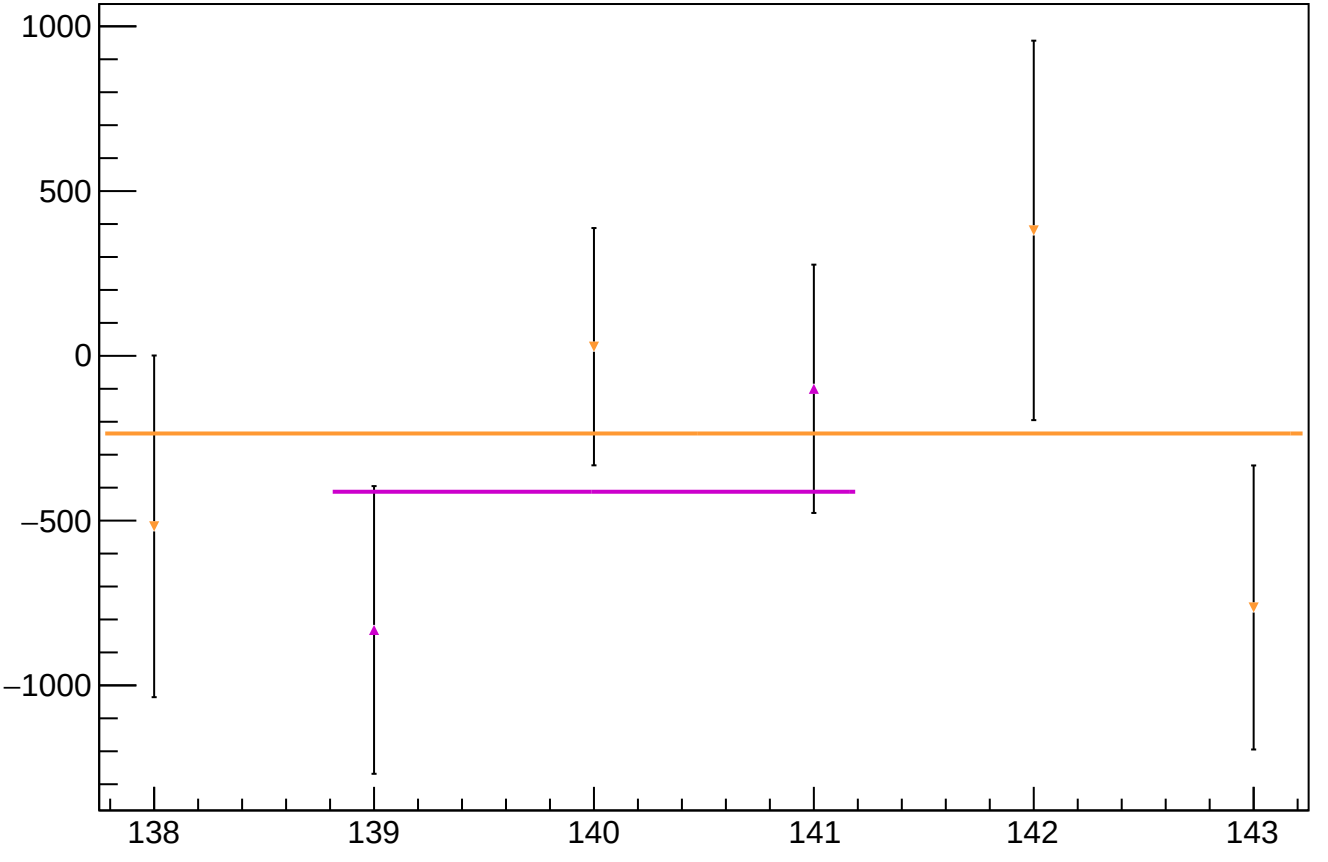
Left In: 373.447+/-0.207 χ^2/NDF:4782.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 373.773+/-0.129 χ^2/NDF: 79779.6/5

- 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: -235.598+/-224.532 χ^2/NDF:3.5/3

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

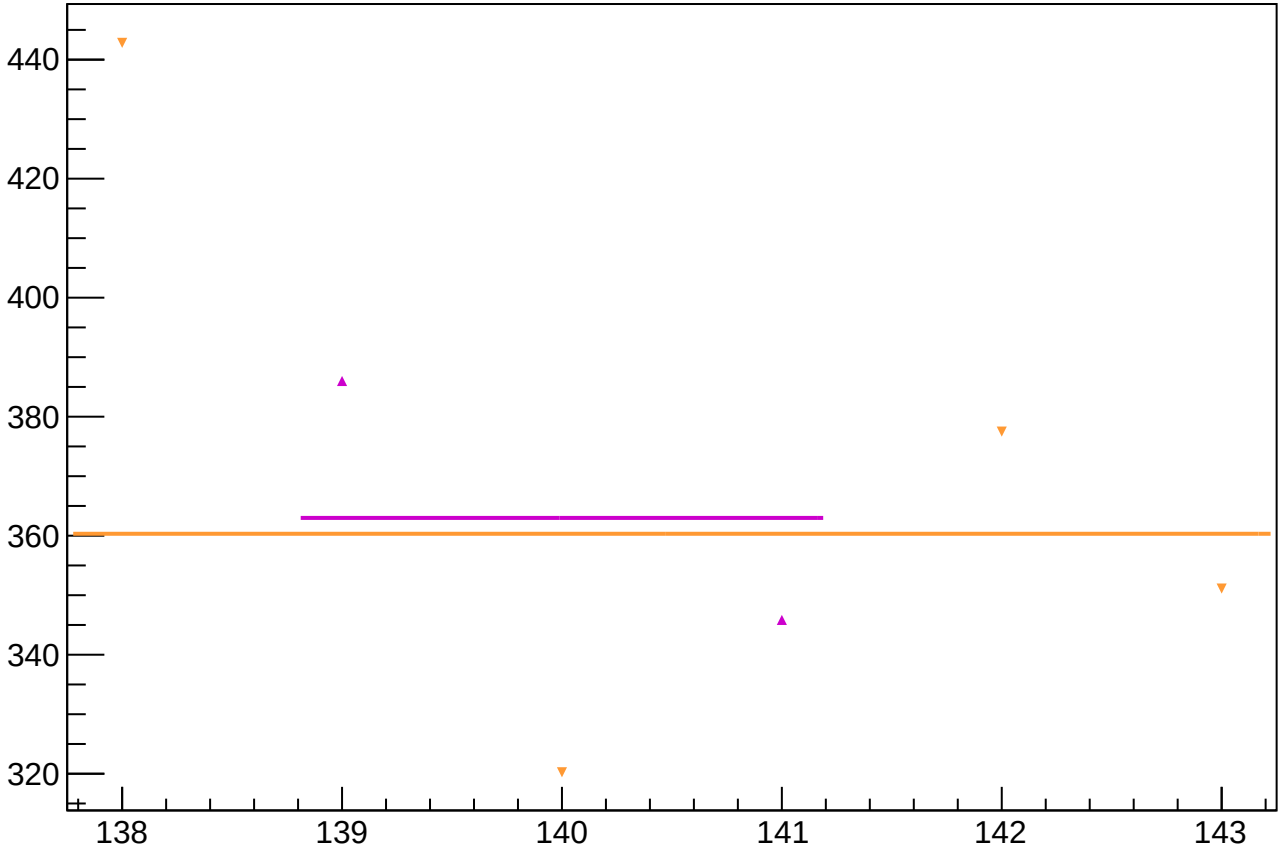
Left In: -412.402+/-285.228 χ^2/NDF:1.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -303.243+/-176.426 χ^2/NDF: 5.3/5

- 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: 360.324+/-0.159 χ^2/NDF:78121.8/3

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

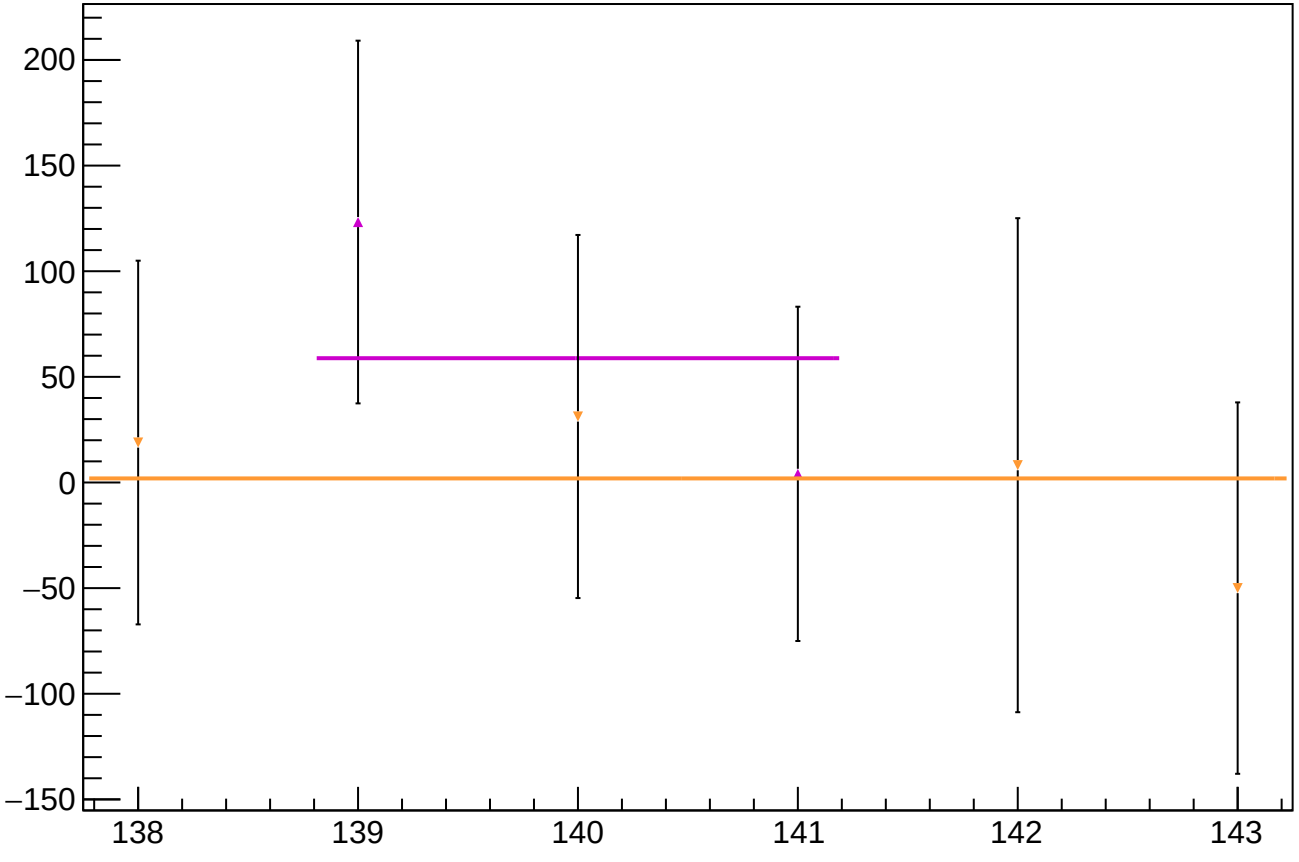
Left In: 362.989+/-0.202 χ^2/NDF:9696.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 361.344+/-0.125 χ^2/NDF: 87925.6/5

- 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: 1.925+/-45.982 χ^2/NDF:0.5/3

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

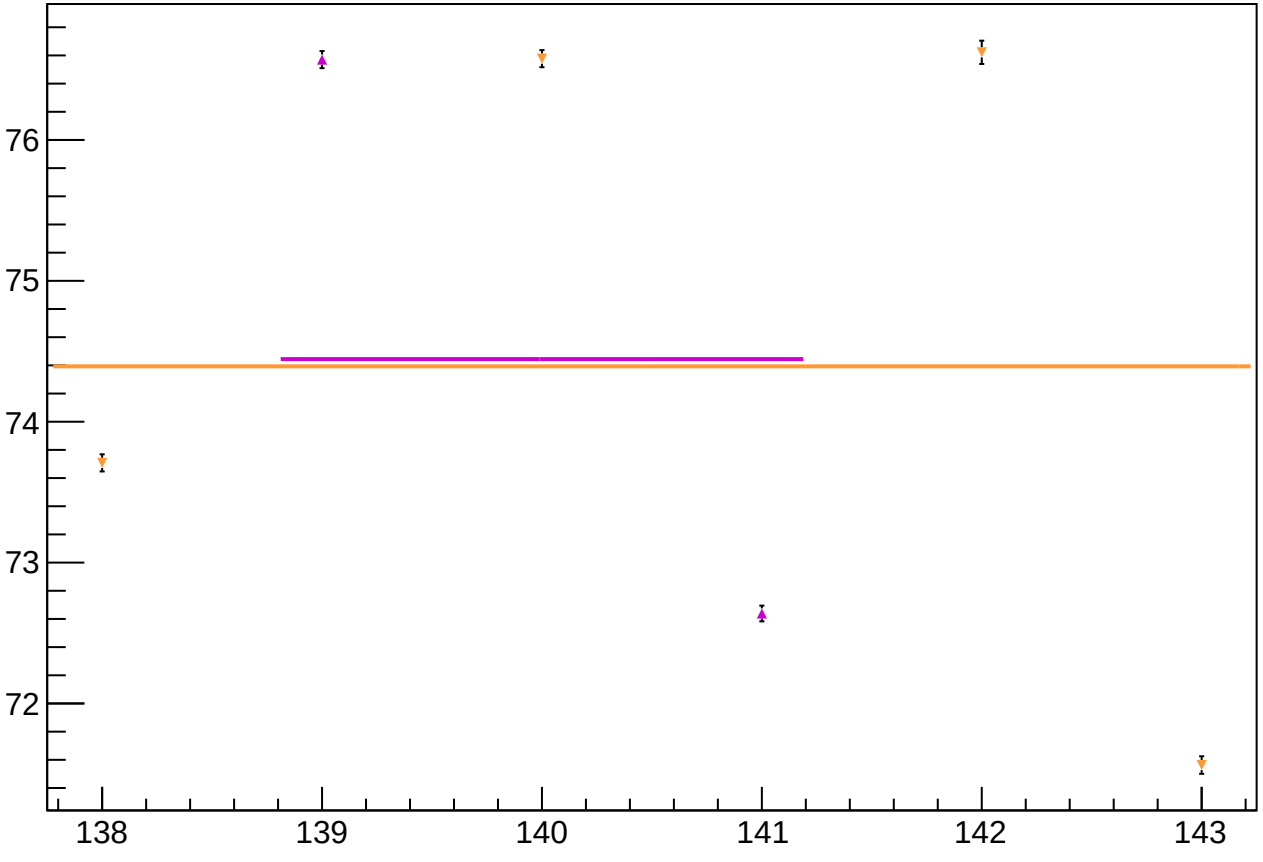
Left In: 58.831+/-58.176 χ^2/NDF:1.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 23.805+/-36.074 χ^2/NDF: 2.1/5

- 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: 74.393+/-0.033 χ^2/NDF:4219.0/3

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

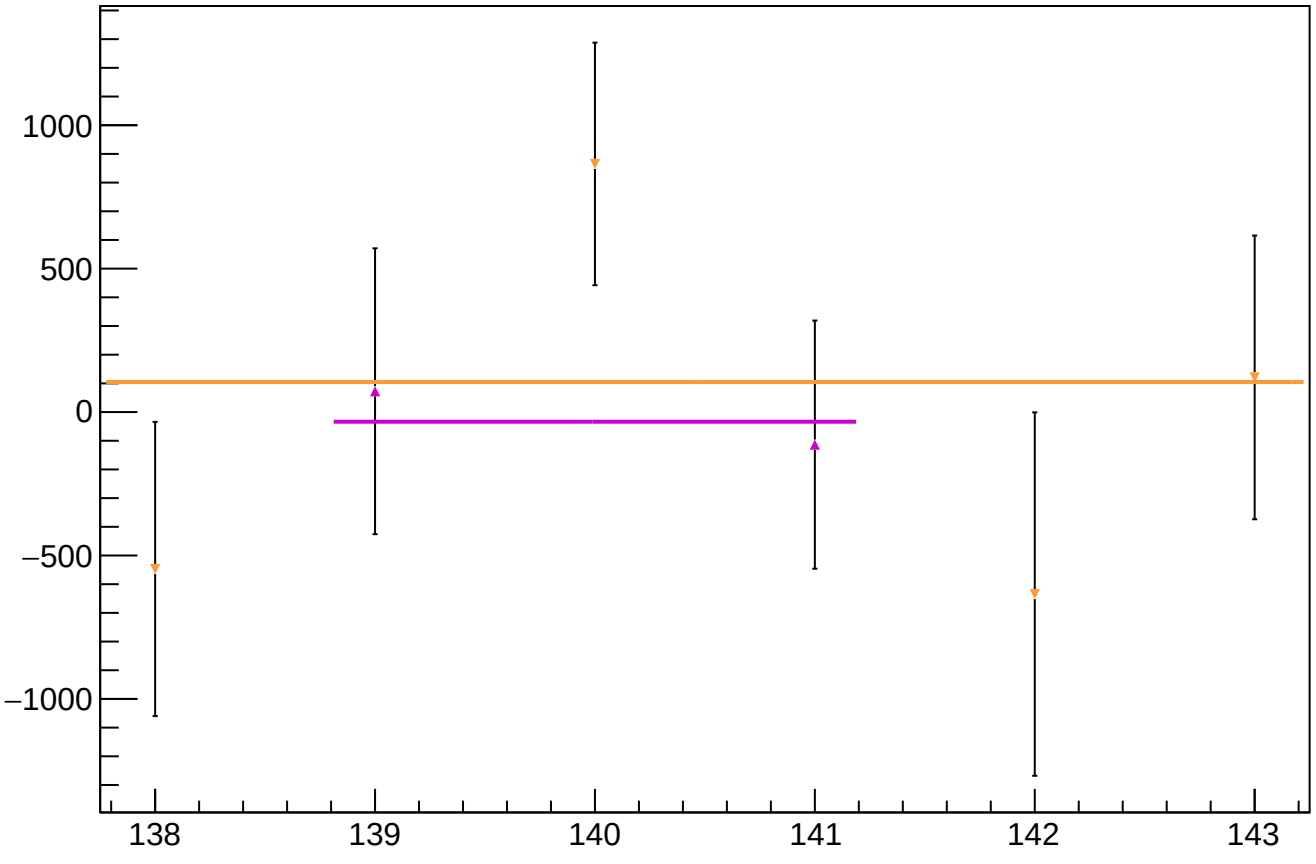
Left In: 74.444+/-0.041 χ^2/NDF:2268.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 74.413+/-0.026 χ^2/NDF: 6488.5/5

- 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: 104.794+/-250.156 χ^2/NDF:6.2/3

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

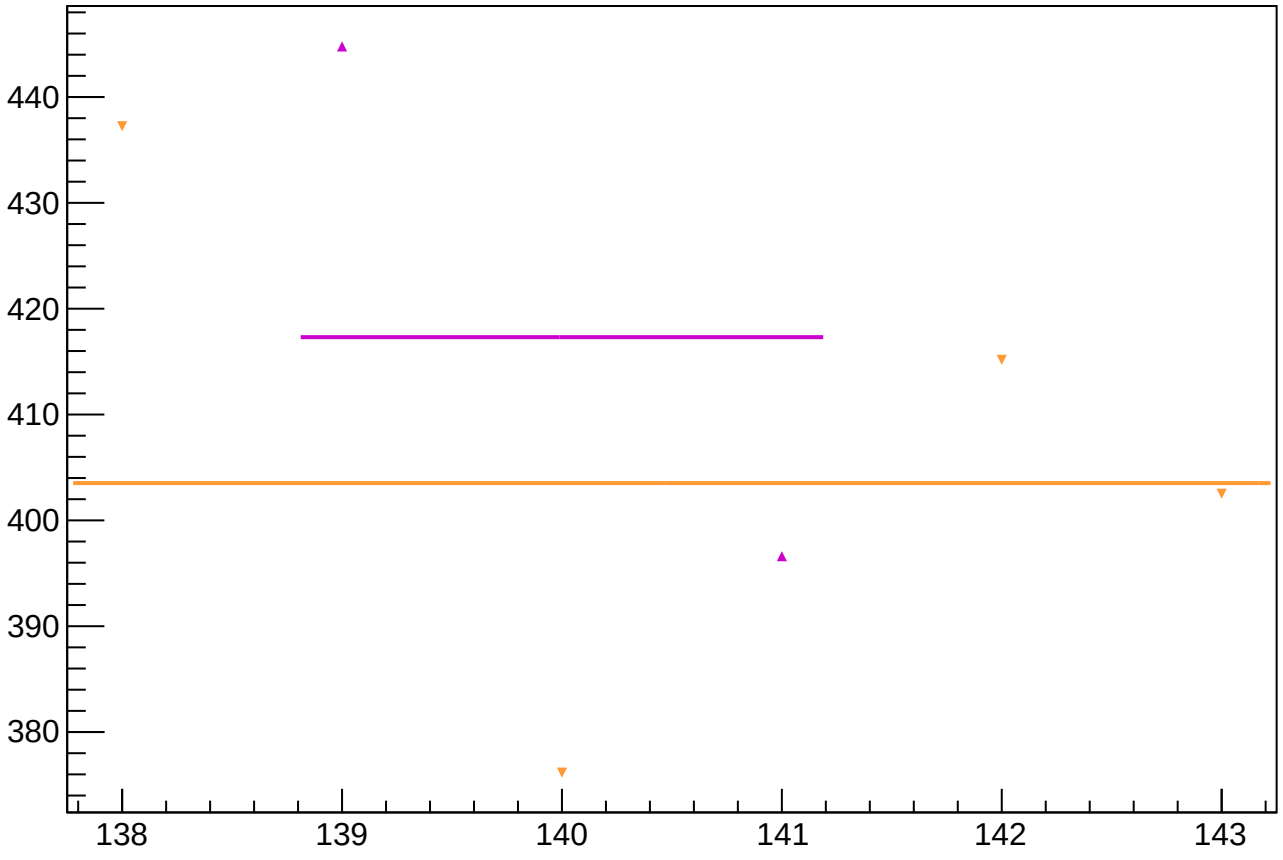
Left In: -33.552+/-326.627 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 53.646+/-198.601 χ^2/NDF: 6.4/5

- 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: 403.522+/-0.177 χ^2/NDF:17708.4/3

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

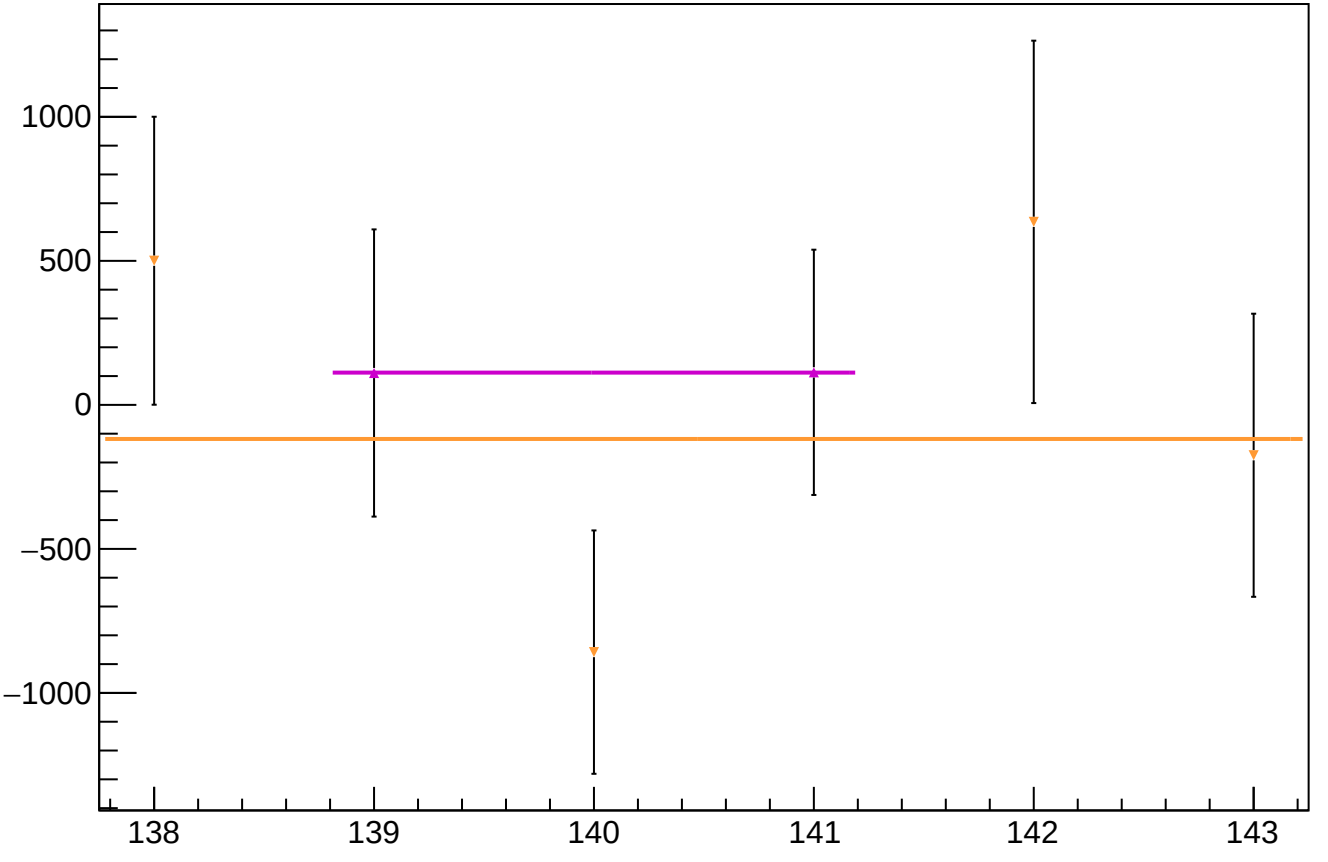
Left In: 417.311+/-0.231 χ^2/NDF:10660.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 408.620+/-0.140 χ^2/NDF: 30615.4/5

- 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: -118.320+/-247.894 χ^2/NDF:6.0/3

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

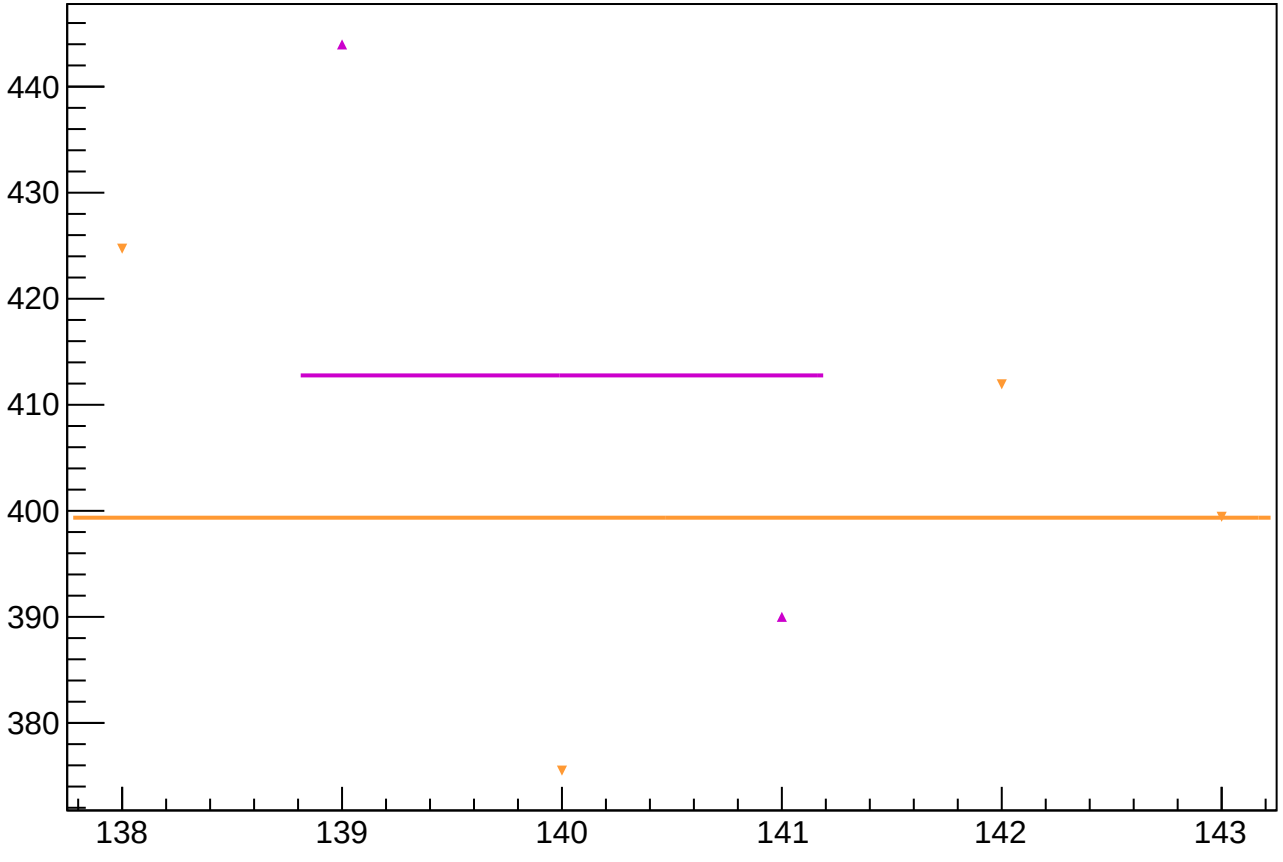
Left In: 112.035+/-323.757 χ^2/NDF:0.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -33.183+/-196.824 χ^2/NDF: 6.4/5

- 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: 399.354+/-0.175 χ^2/NDF:12325.1/3

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

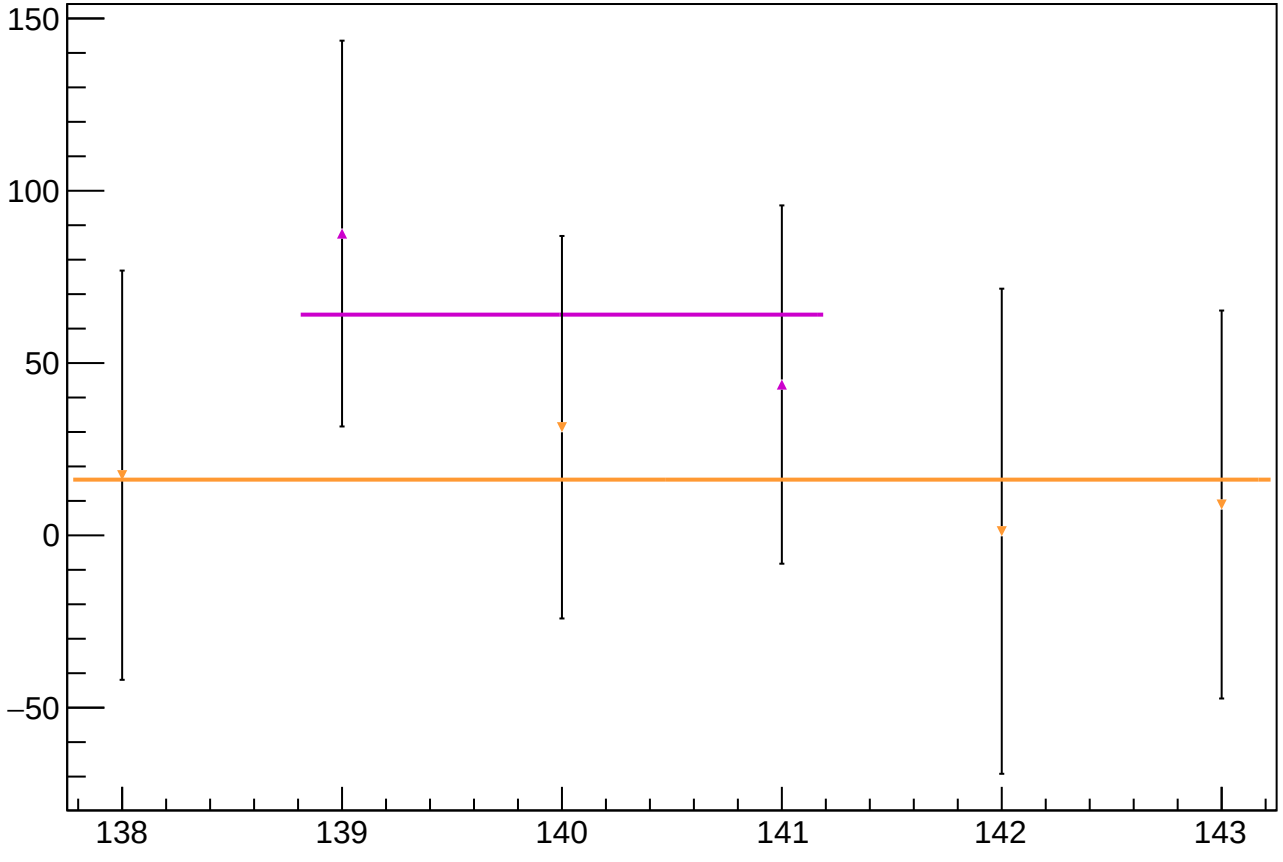
Left In: 412.771+/-0.229 χ^2/NDF:13557.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 404.312+/-0.139 χ^2/NDF: 28048.3/5

- 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: 16.173+/-29.804 χ^2/NDF:0.1/3

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

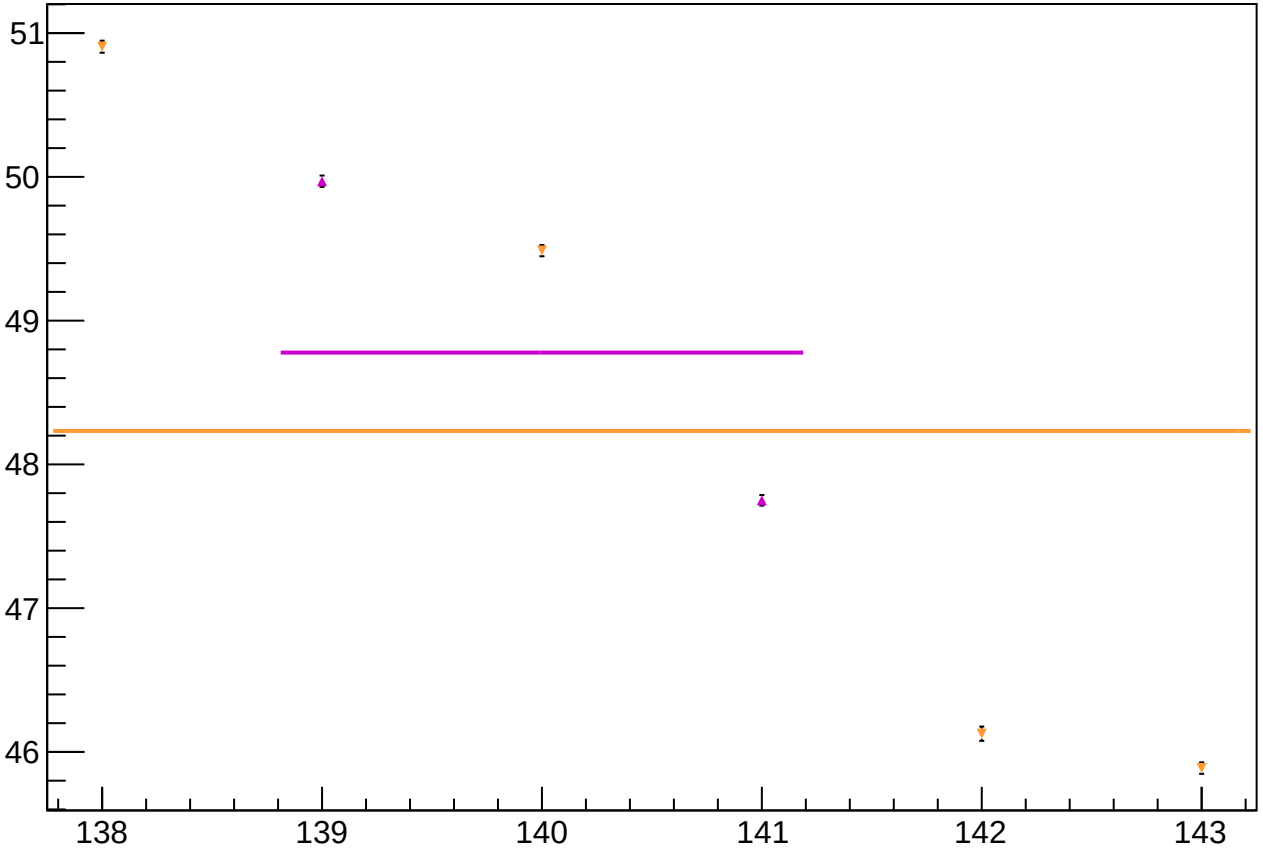
Left In: 64.052+/-38.093 χ^2/NDF:0.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 34.353+/-23.473 χ^2/NDF: 1.4/5

- 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: 48.233+/-0.021 χ^2/NDF:10335.2/3

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

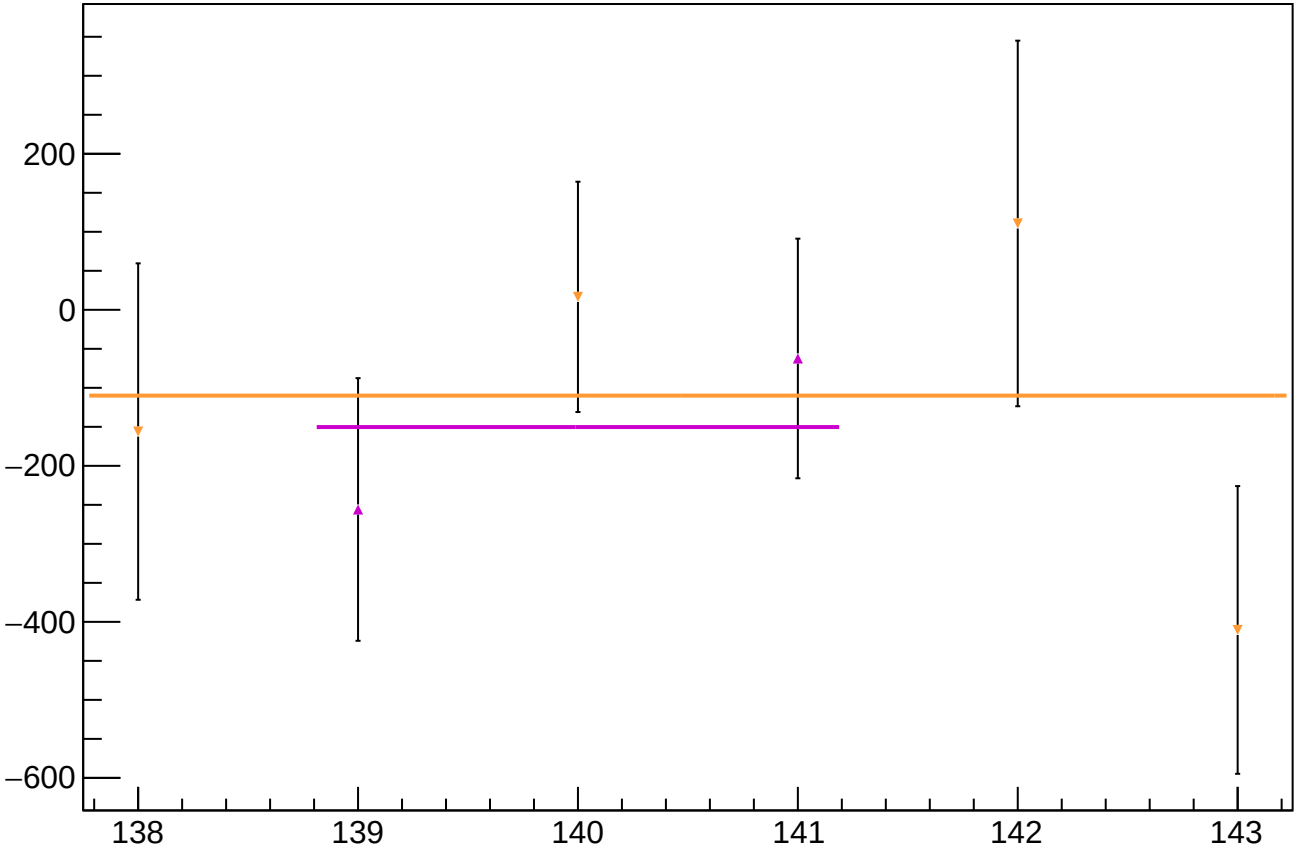
Left In: 48.778+/-0.027 χ^2/NDF:1688.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 48.440+/-0.017 χ^2/NDF: 12277.9/5

- 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: -109.955+/-93.242 χ^2/NDF:4.3/3

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

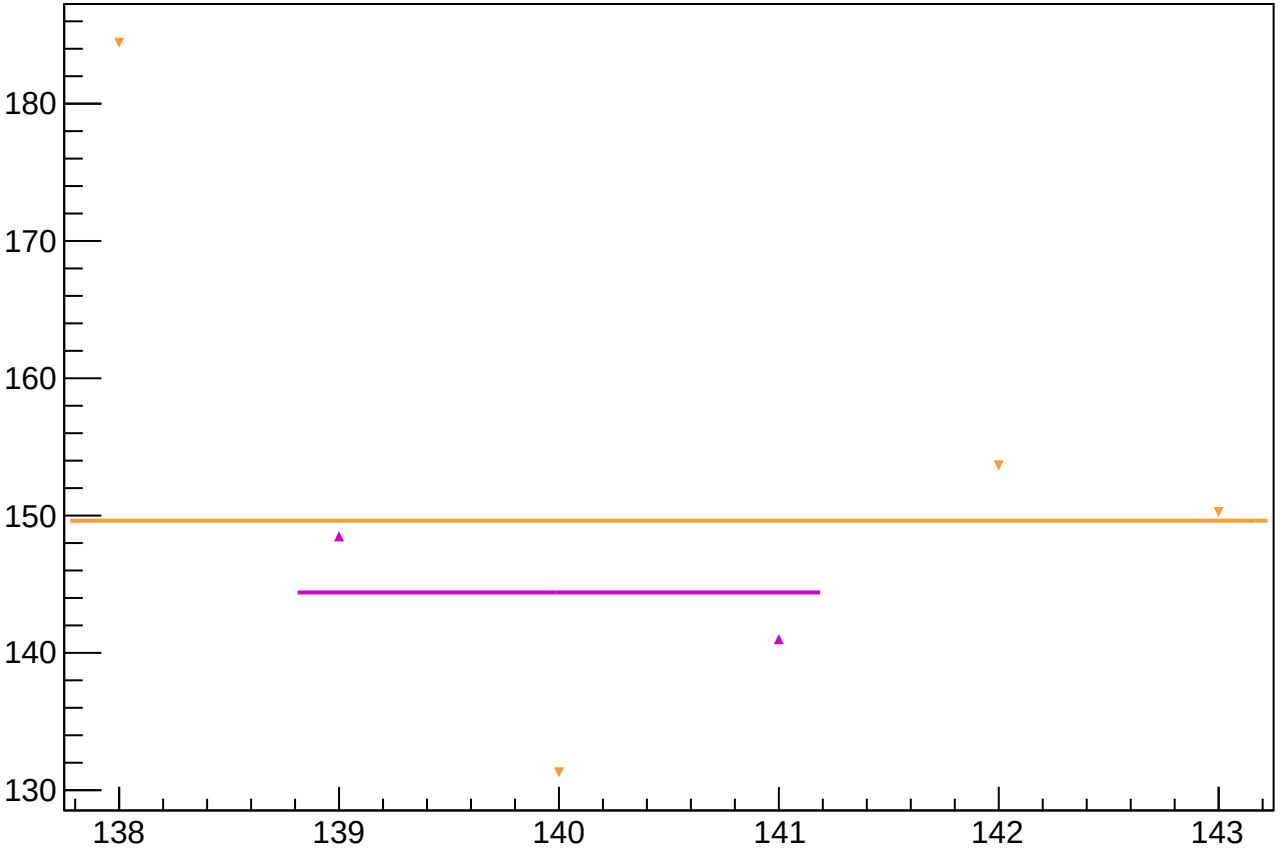
Left In: -150.288+/-113.453 χ^2/NDF:0.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -126.215+/-72.035 χ^2/NDF: 5.1/5

- 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: 149.624+/-0.066 χ^2/NDF:83577.7/3

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

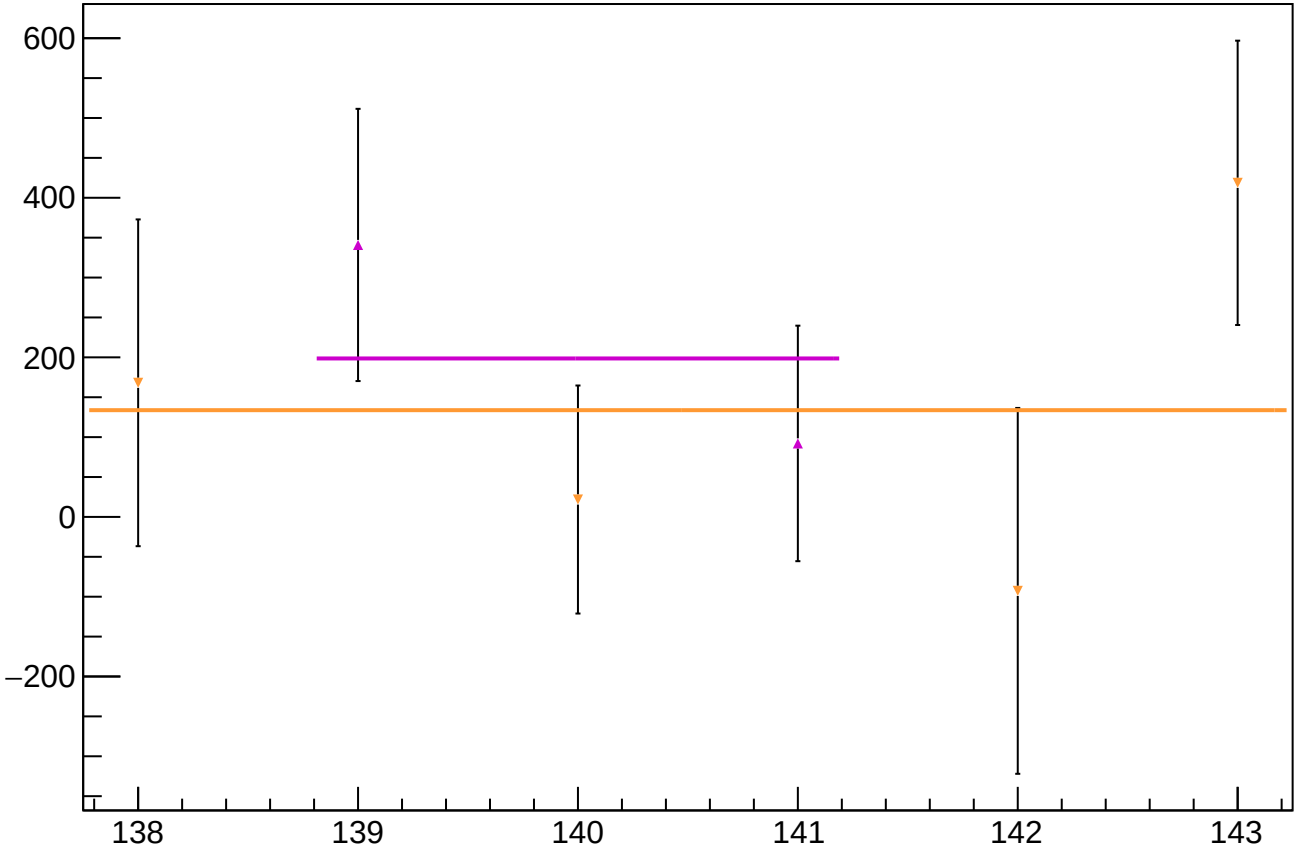
Left In: 144.401+/-0.080 χ^2/NDF:2162.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 147.519+/-0.051 χ^2/NDF: 88270.1/5

- 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: 133.786+/-90.043 χ^2/NDF:4.2/3

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

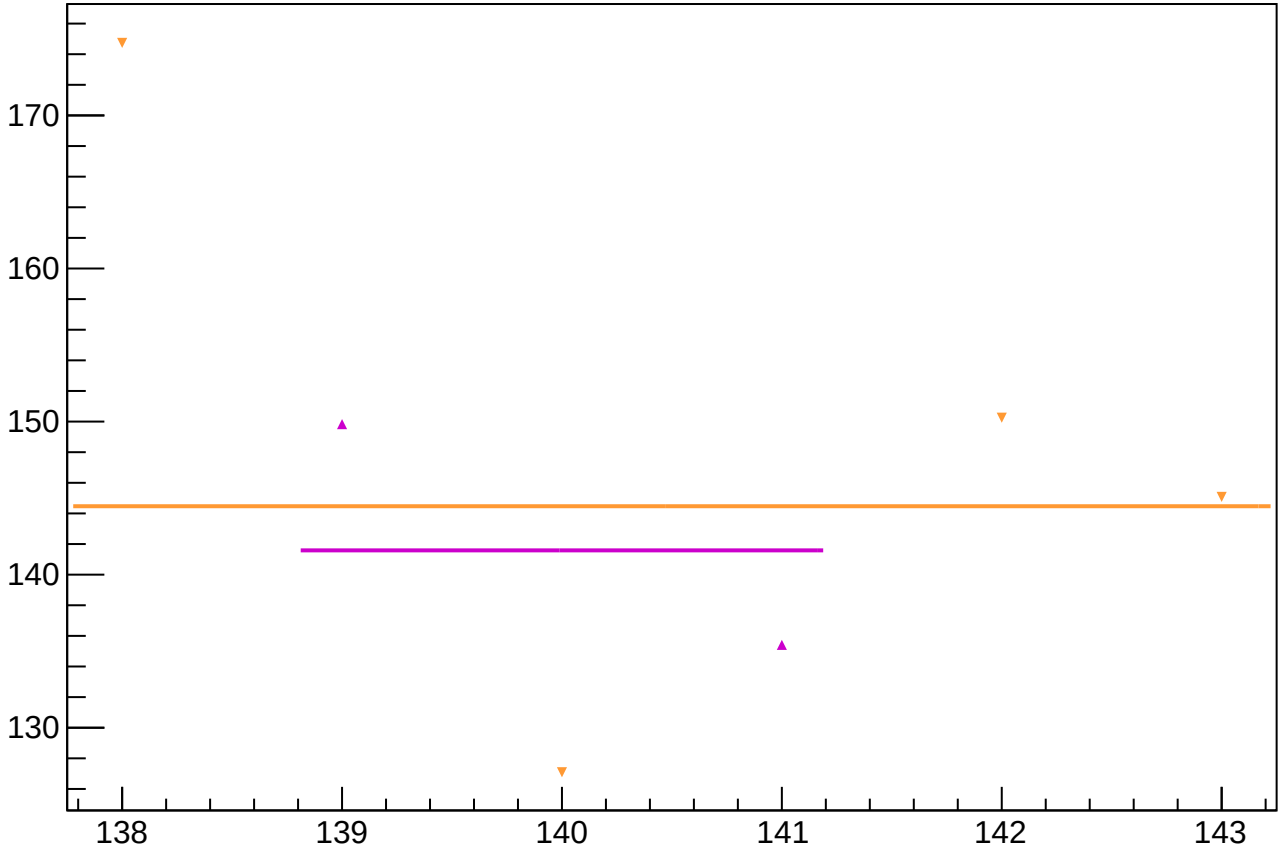
Left In: 198.601+/-111.613 χ^2/NDF:1.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 159.339+/-70.081 χ^2/NDF: 5.6/5

- 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: 144.470+/-0.064 χ^2/NDF:74572.8/3

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

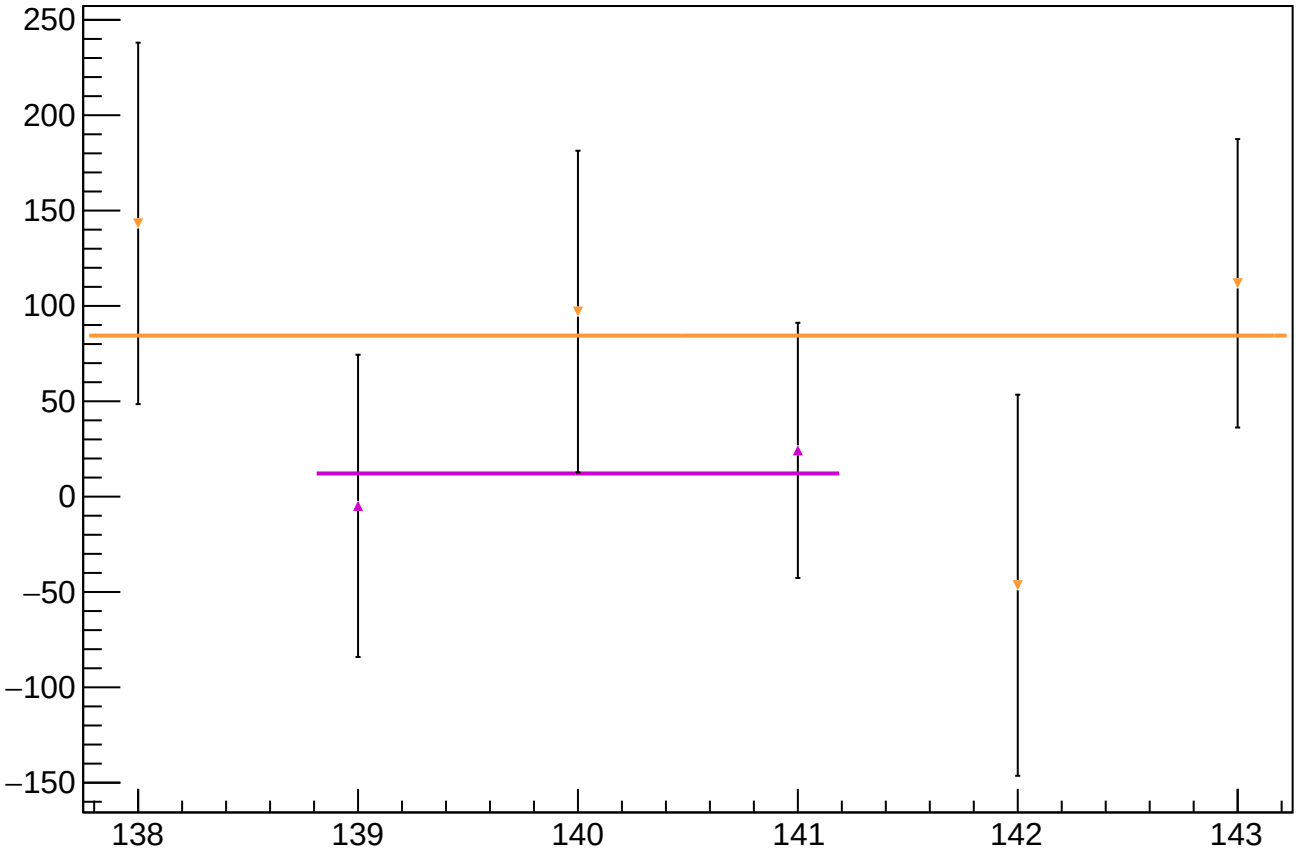
Left In: 141.586+/-0.079 χ^2/NDF:8172.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 143.333+/-0.050 χ^2/NDF: 83553.8/5

- 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: 84.451+/-43.559 χ^2/NDF:2.3/3

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

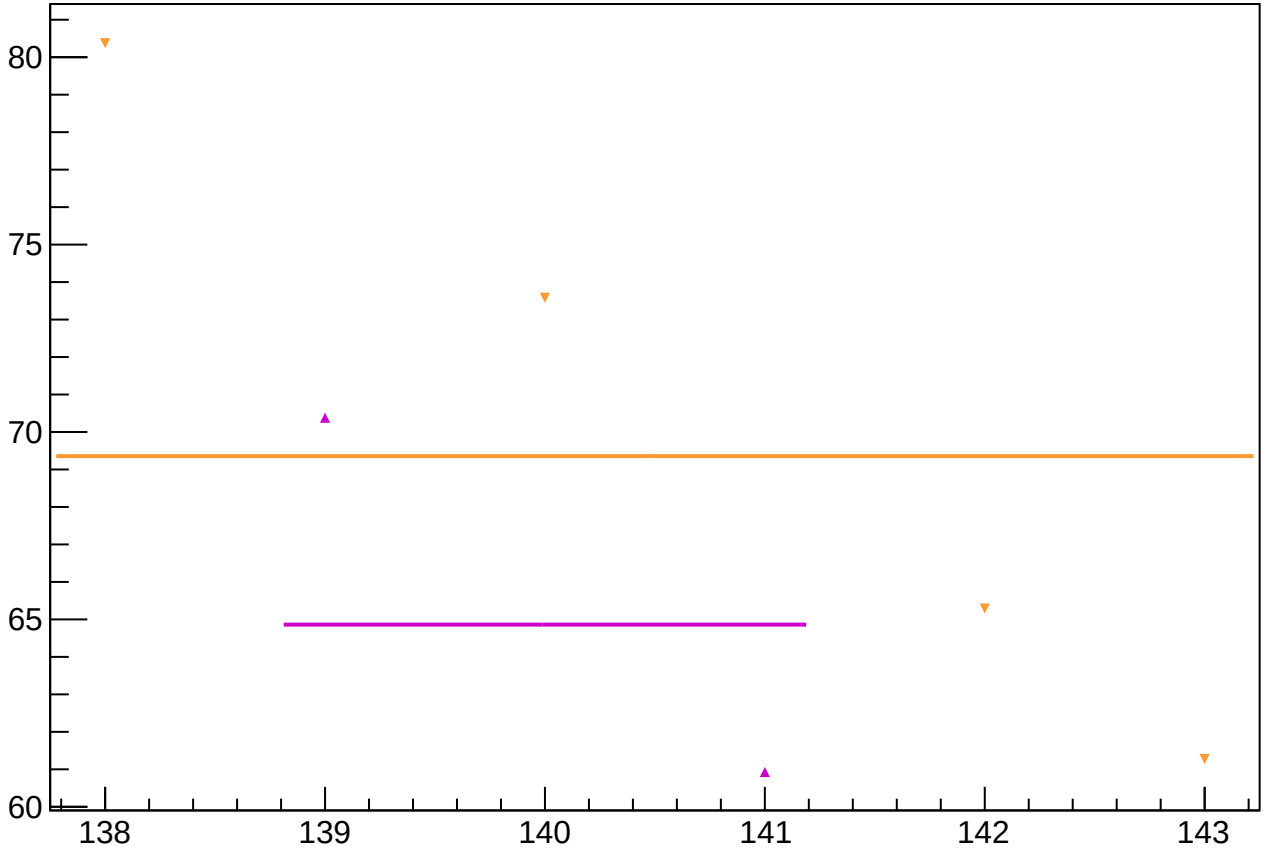
Left In: 12.154+/-51.115 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 54.036+/-33.154 χ^2/NDF: 3.5/5

- 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: 69.356+/-0.031 χ^2/NDF:58208.6/3

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

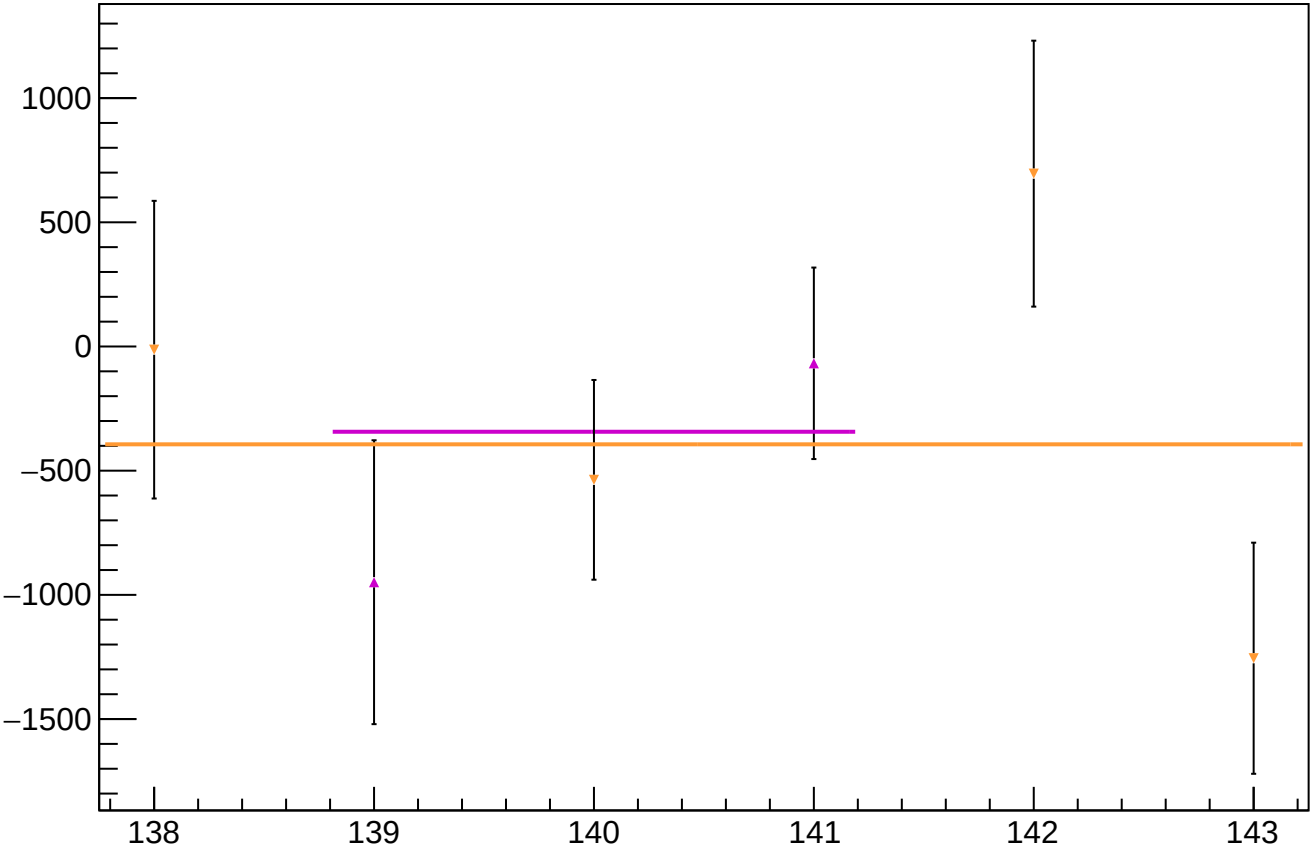
Left In: 64.861+/-0.036 χ^2/NDF:16616.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 67.465+/-0.023 χ^2/NDF: 83785.3/5

- 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: -393.876+/-241.966 χ^2/NDF:8.1/3

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

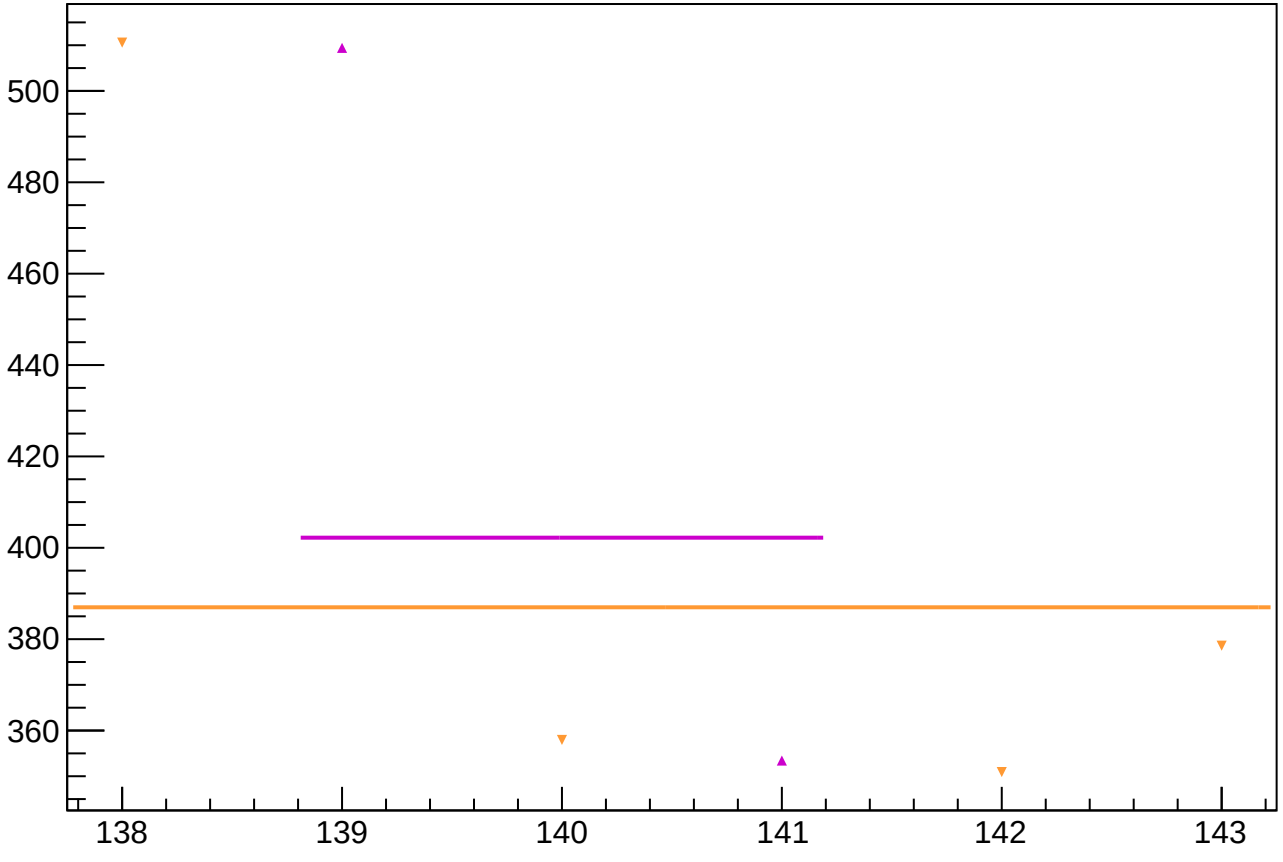
Left In: -343.291+/-319.570 χ^2/NDF:1.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -375.443+/-192.908 χ^2/NDF: 9.8/5

- 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: 386.976+/-0.171 χ^2/NDF:105256.9/3

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

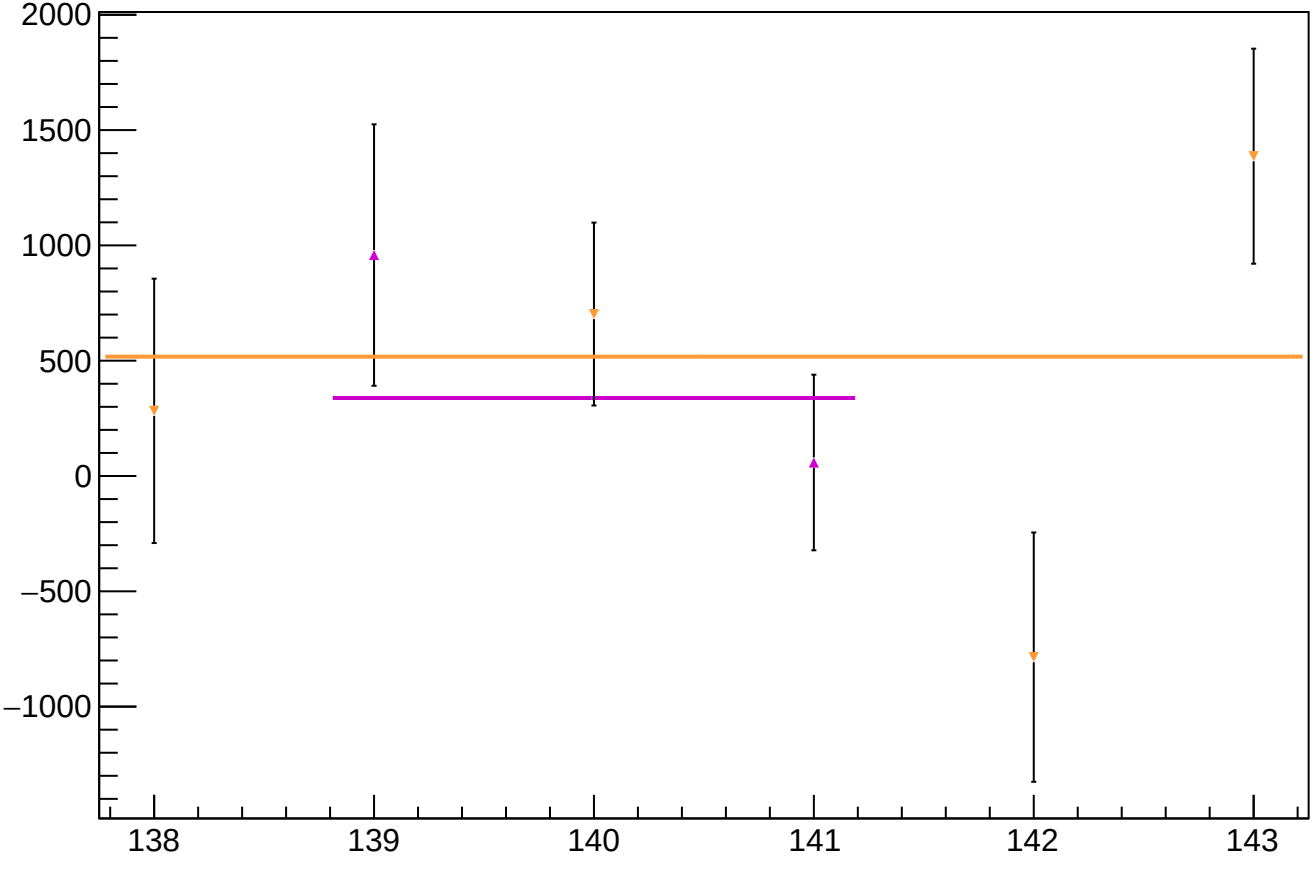
Left In: 402.213+/-0.226 χ^2/NDF:102419.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 392.528+/-0.136 χ^2/NDF: 210566.3/5

- 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: 517.502+/-239.537 χ^2/NDF:9.7/3

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

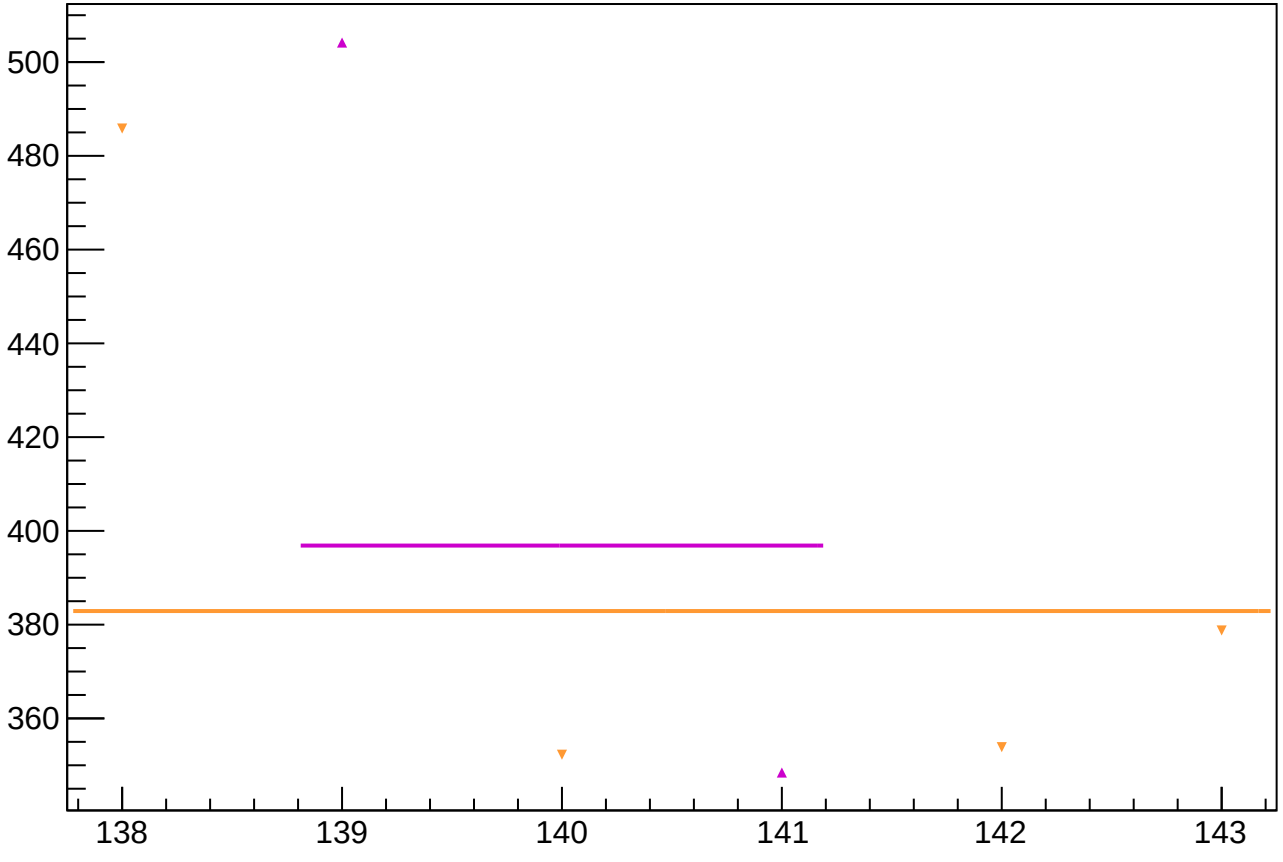
Left In: 338.243+/-316.045 χ^2/NDF:1.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 452.098+/-190.901 χ^2/NDF: 11.6/5

- 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: 382.901+/-0.169 χ^2/NDF:82384.9/3

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

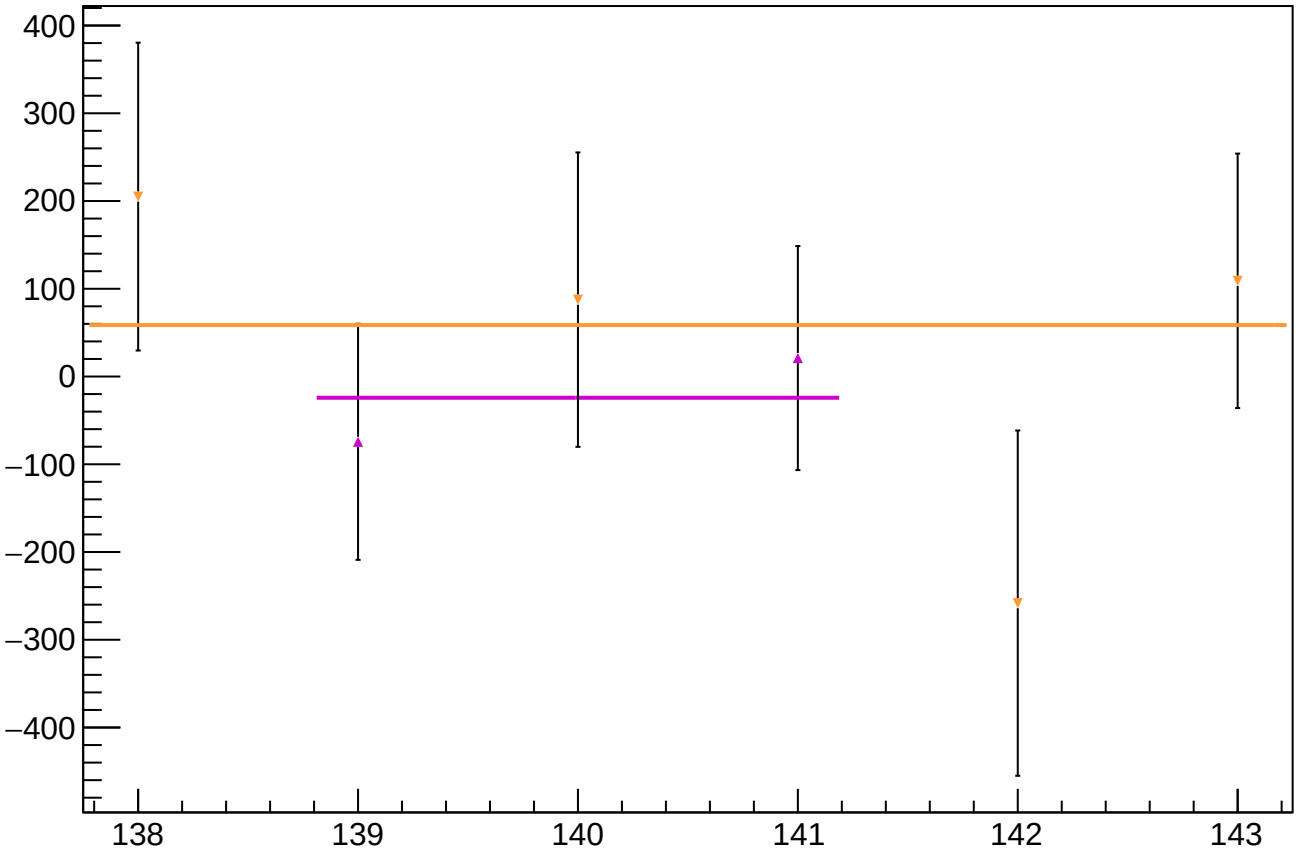
Left In: 396.868+/-0.223 χ^2/NDF:104018.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 387.997+/-0.135 χ^2/NDF: 188883.9/5

- 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: 58.625+/-84.092 χ^2/NDF:3.4/3

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

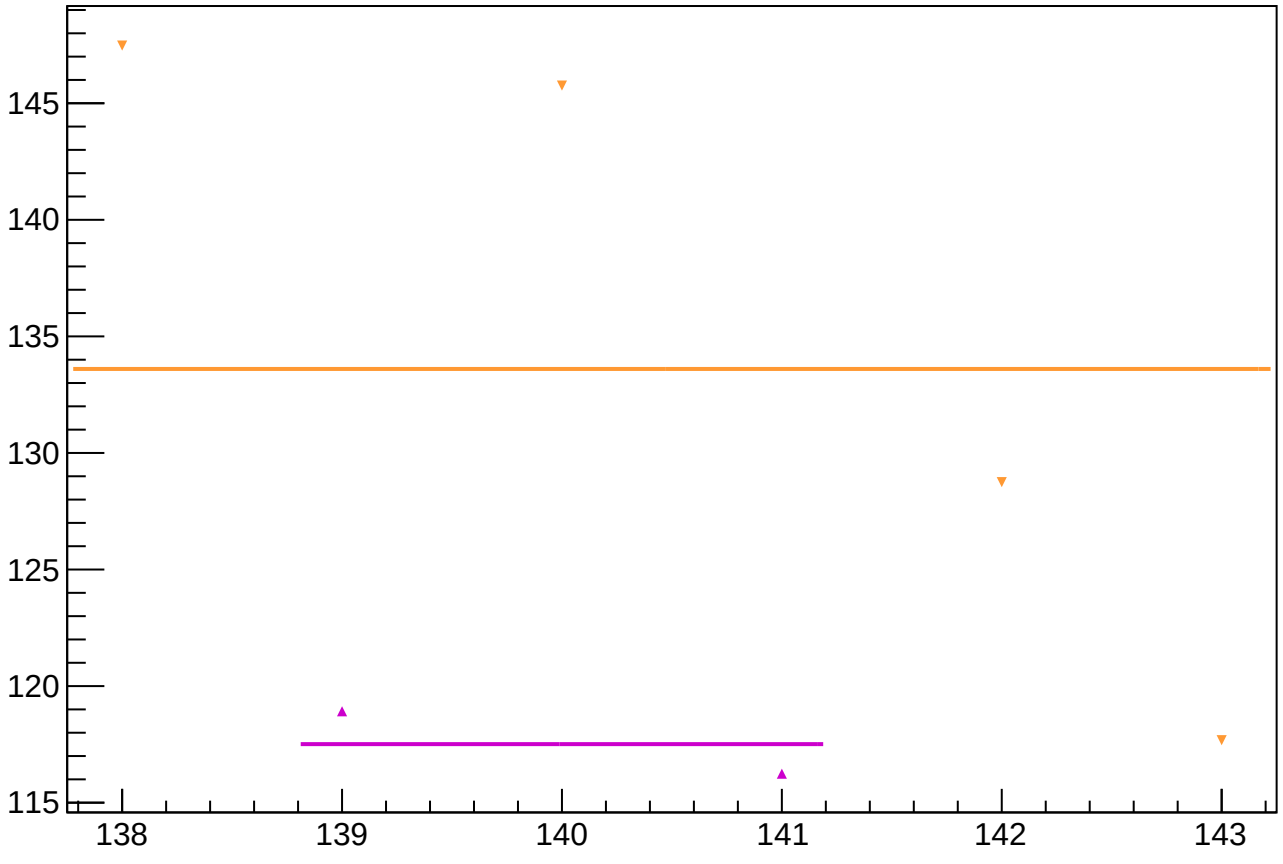
Left In: -24.175+/-92.606 χ^2/NDF:0.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 21.206+/-62.255 χ^2/NDF: 4.1/5

- 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: 133.603+/-0.059 χ^2/NDF:48337.7/3

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

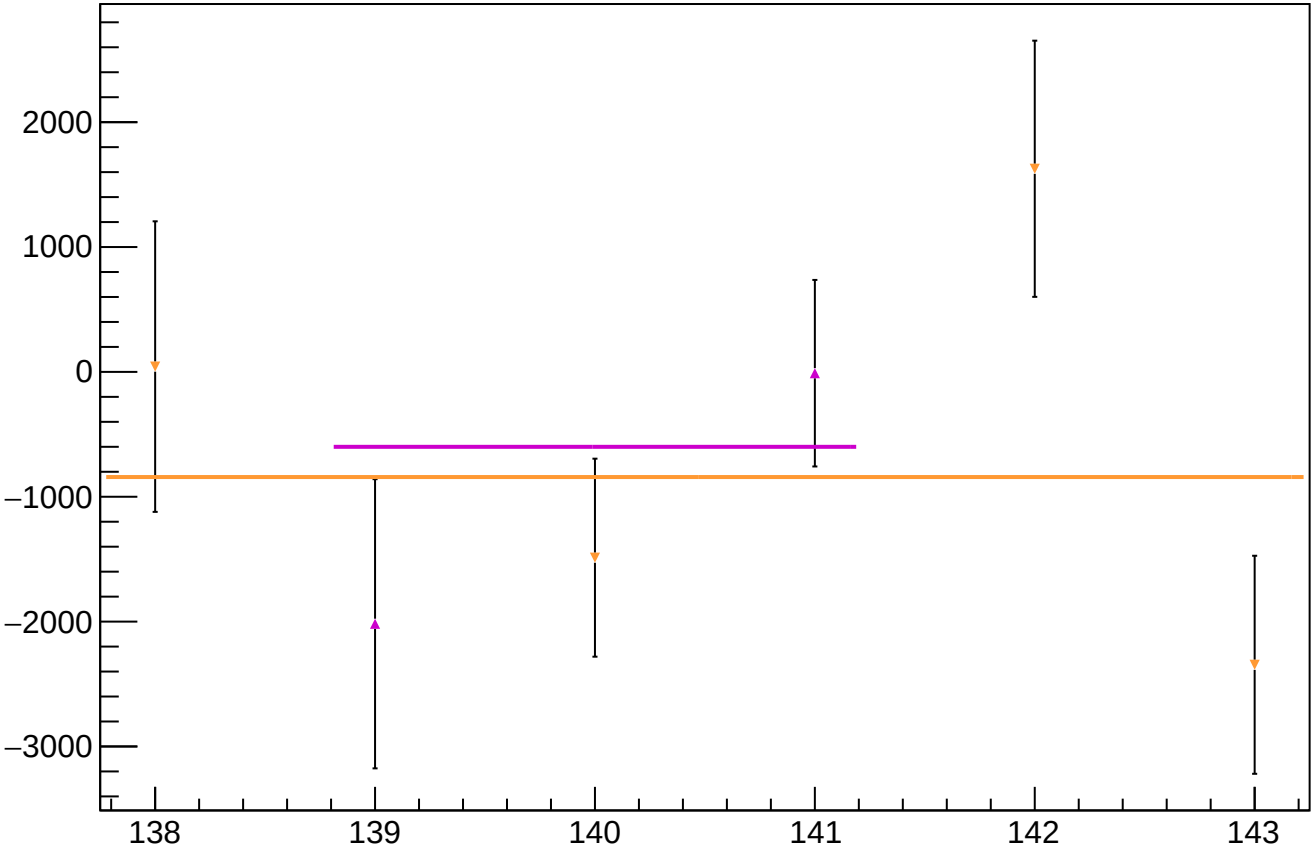
Left In: 117.511+/-0.065 χ^2/NDF:416.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 126.331+/-0.044 χ^2/NDF: 81853.3/5

- 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: -842.161+/-466.722 χ^2/NDF:10.0/3

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

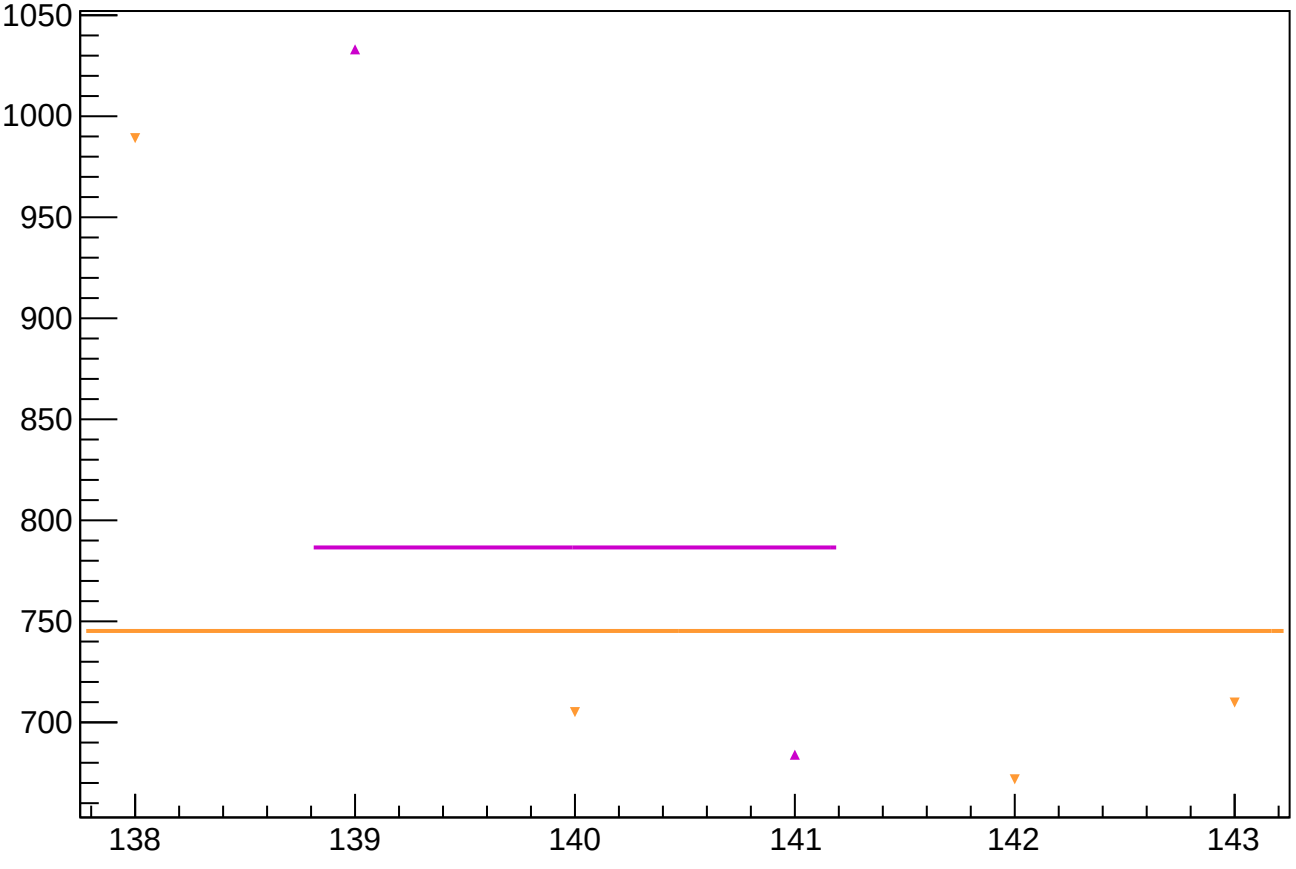
Left In: -600.086+/-627.698 χ^2/NDF:2.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -755.976+/-374.535 χ^2/NDF: 12.2/5

- 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: 745.241+/-0.330 χ^2/NDF:106561.3/3

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

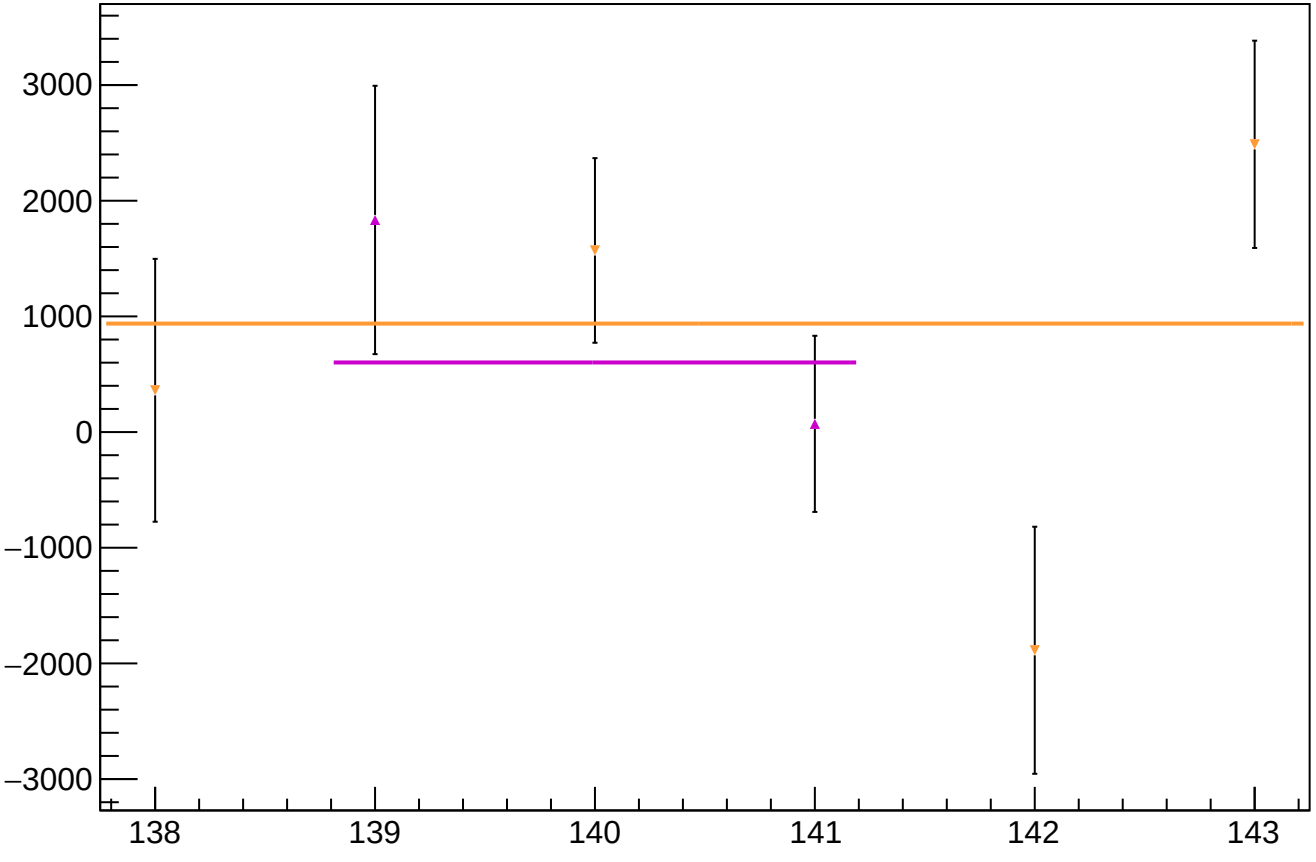
Left In: 786.573+/-0.444 χ^2/NDF:128377.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 759.956+/-0.265 χ^2/NDF: 240523.5/5

- 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: 937.921+/-473.163 χ^2/NDF:10.9/3

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

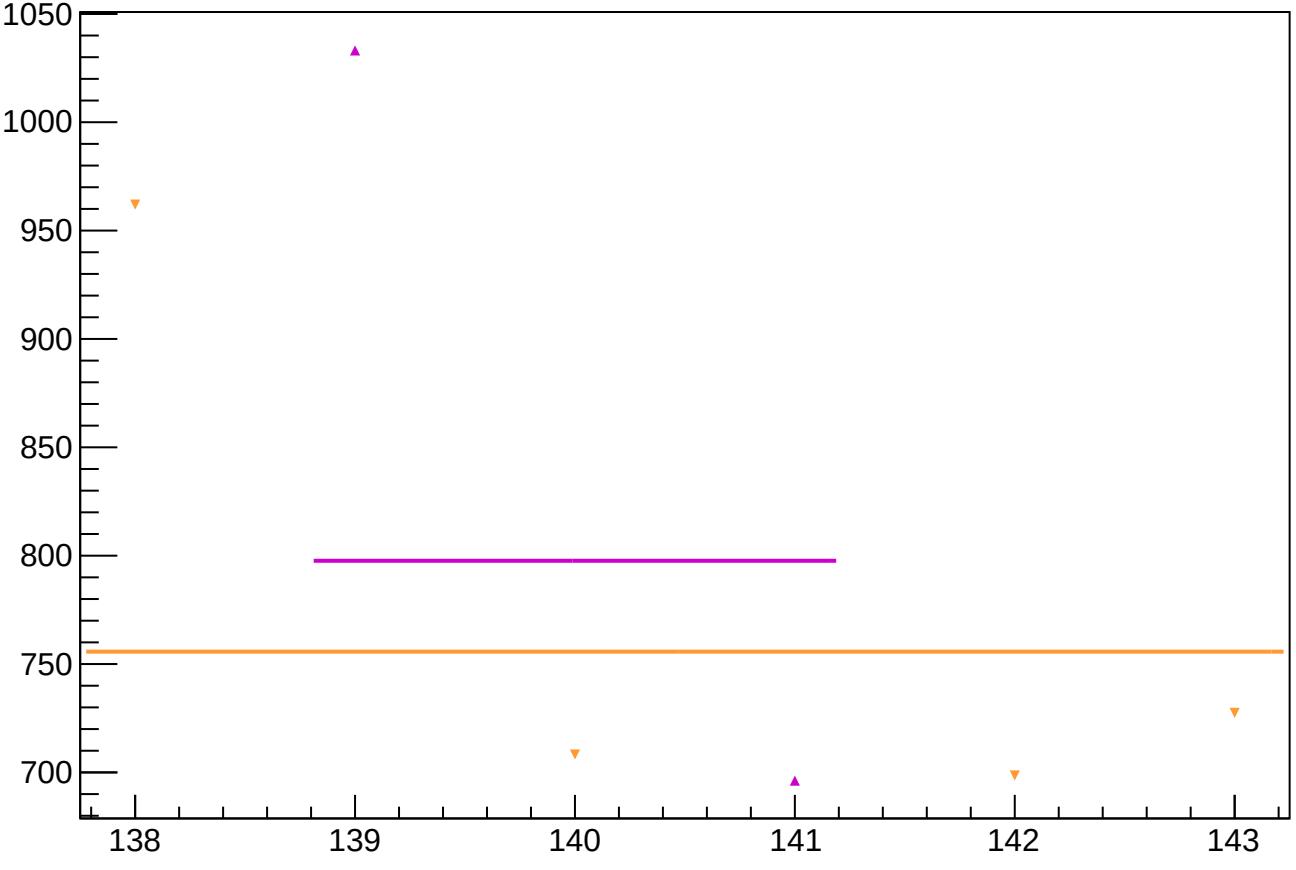
Left In: 601.742+/-636.498 χ^2/NDF:1.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 818.266+/-379.733 χ^2/NDF: 12.7/5

- 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: 755.714+/-0.335 χ^2/NDF:80686.5/3

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

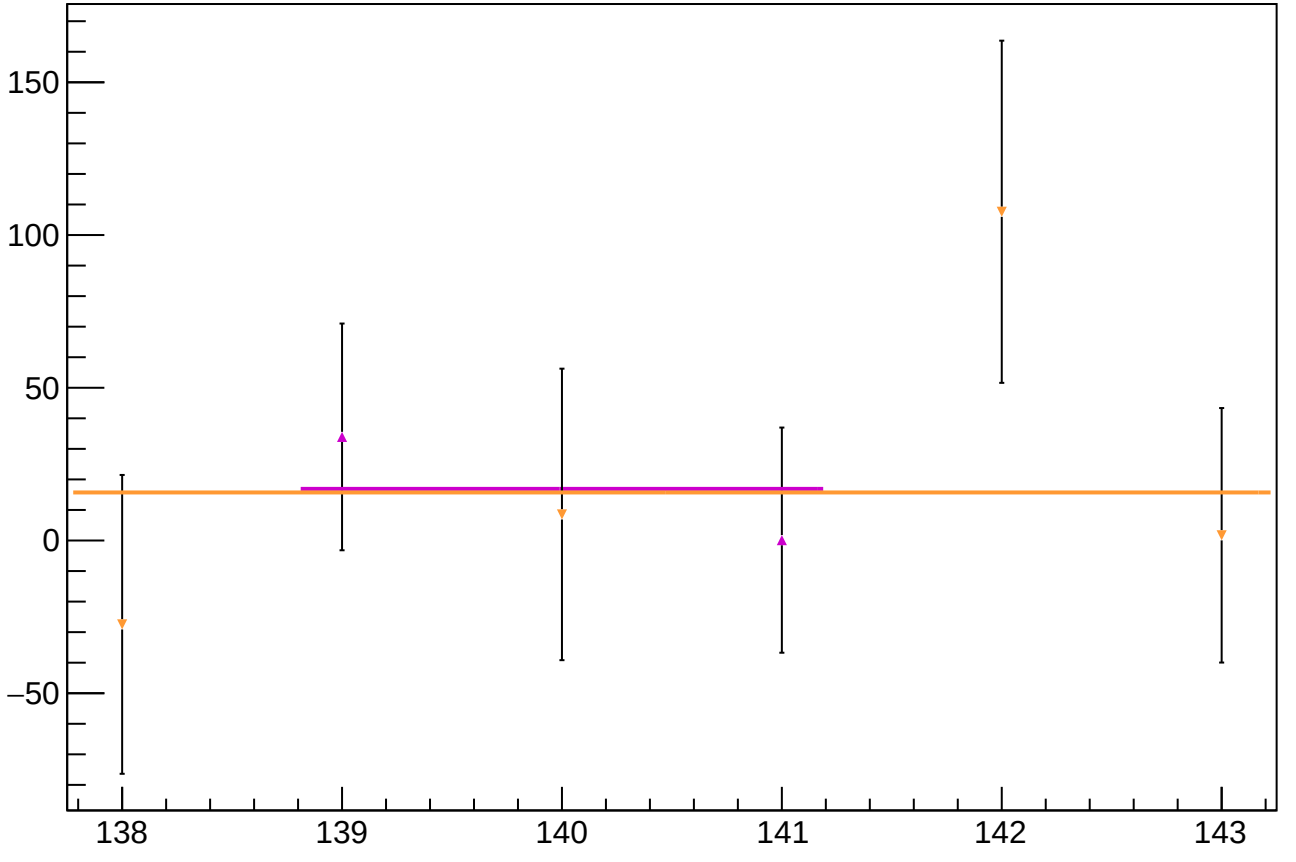
Left In: 797.653+/-0.450 χ^2/NDF:117921.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 770.641+/-0.269 χ^2/NDF: 204200.9/5

- 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: 15.731+/-23.890 χ^2/NDF:3.6/3

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

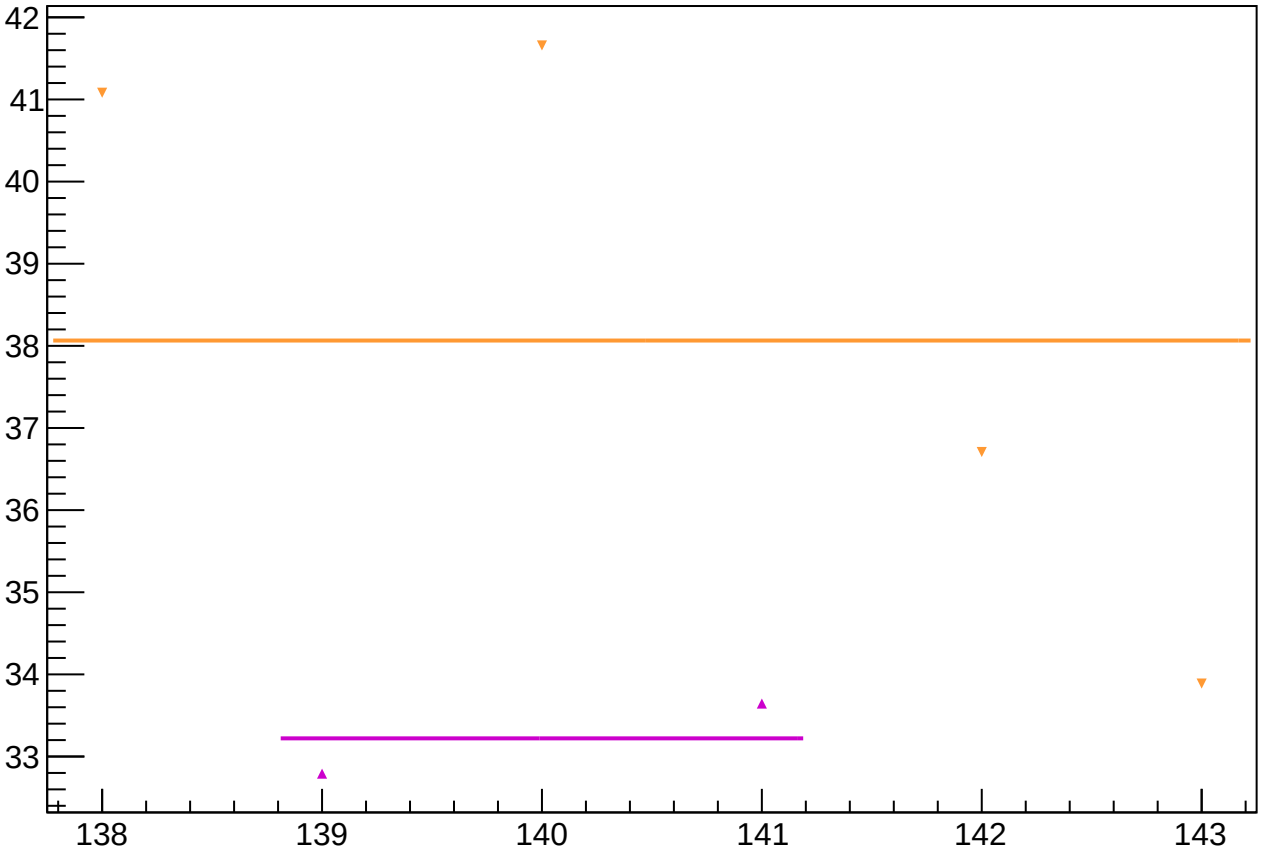
Left In: 16.900+/-26.151 χ^2/NDF:0.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 16.263+/-17.638 χ^2/NDF: 4.0/5

- 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: 38.065+/-0.017 χ^2/NDF:40225.5/3

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

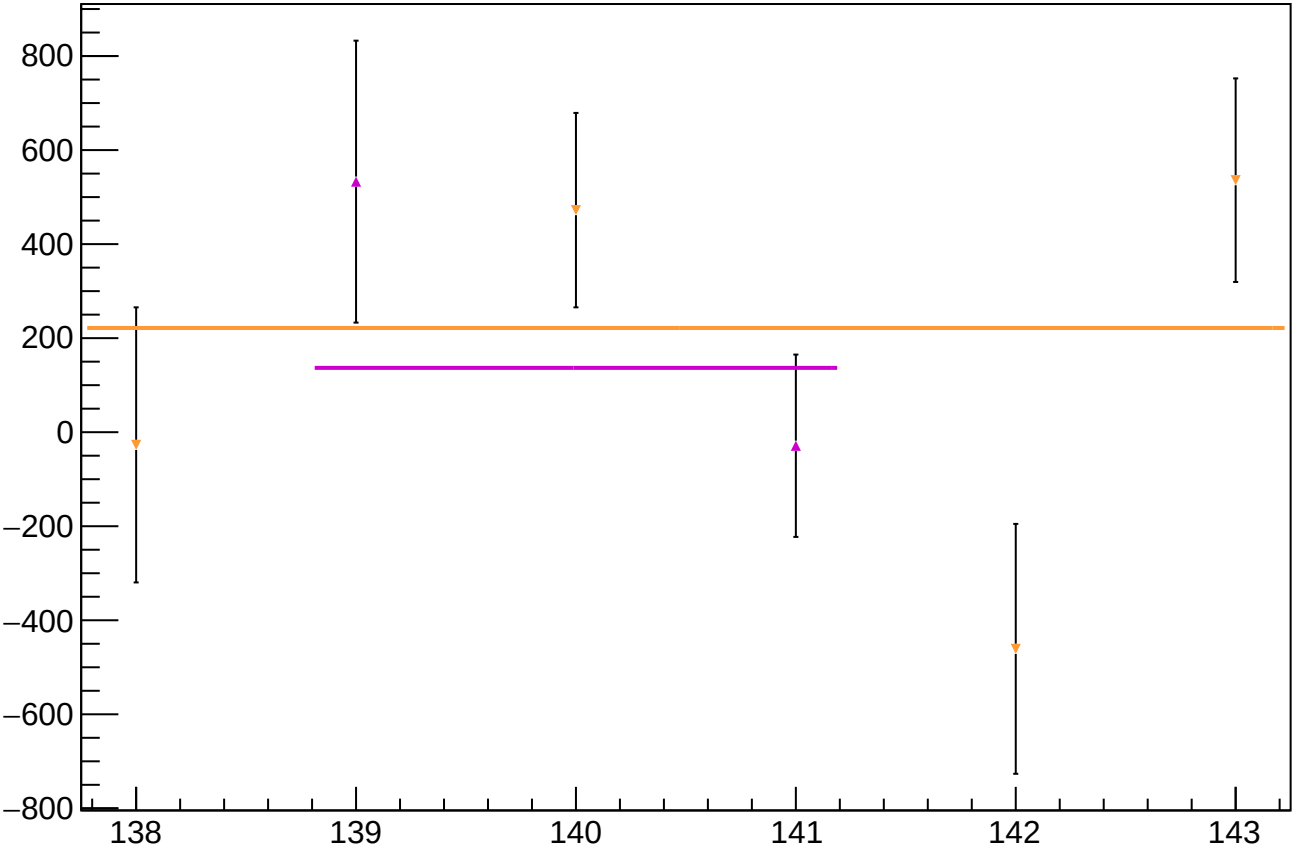
Left In: 33.221+/-0.018 χ^2/NDF:532.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 35.861+/-0.012 χ^2/NDF: 78157.8/5

- 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: 221.669+/-119.035 χ^2/NDF:10.9/3

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

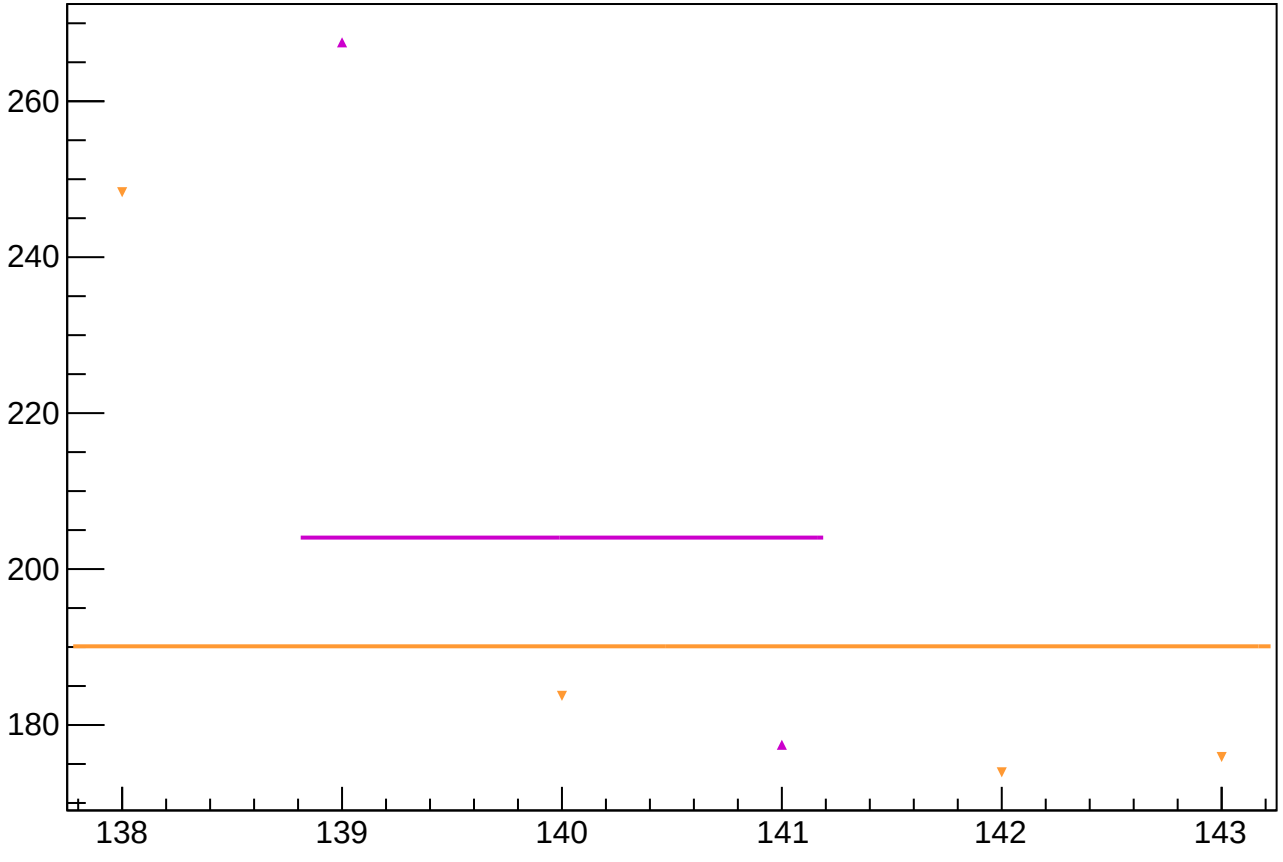
Left In: 136.826+/-162.819 χ^2/NDF:2.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 192.117+/-96.093 χ^2/NDF: 13.5/5

- 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: 190.092+/-0.084 χ^2/NDF:97149.7/3

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

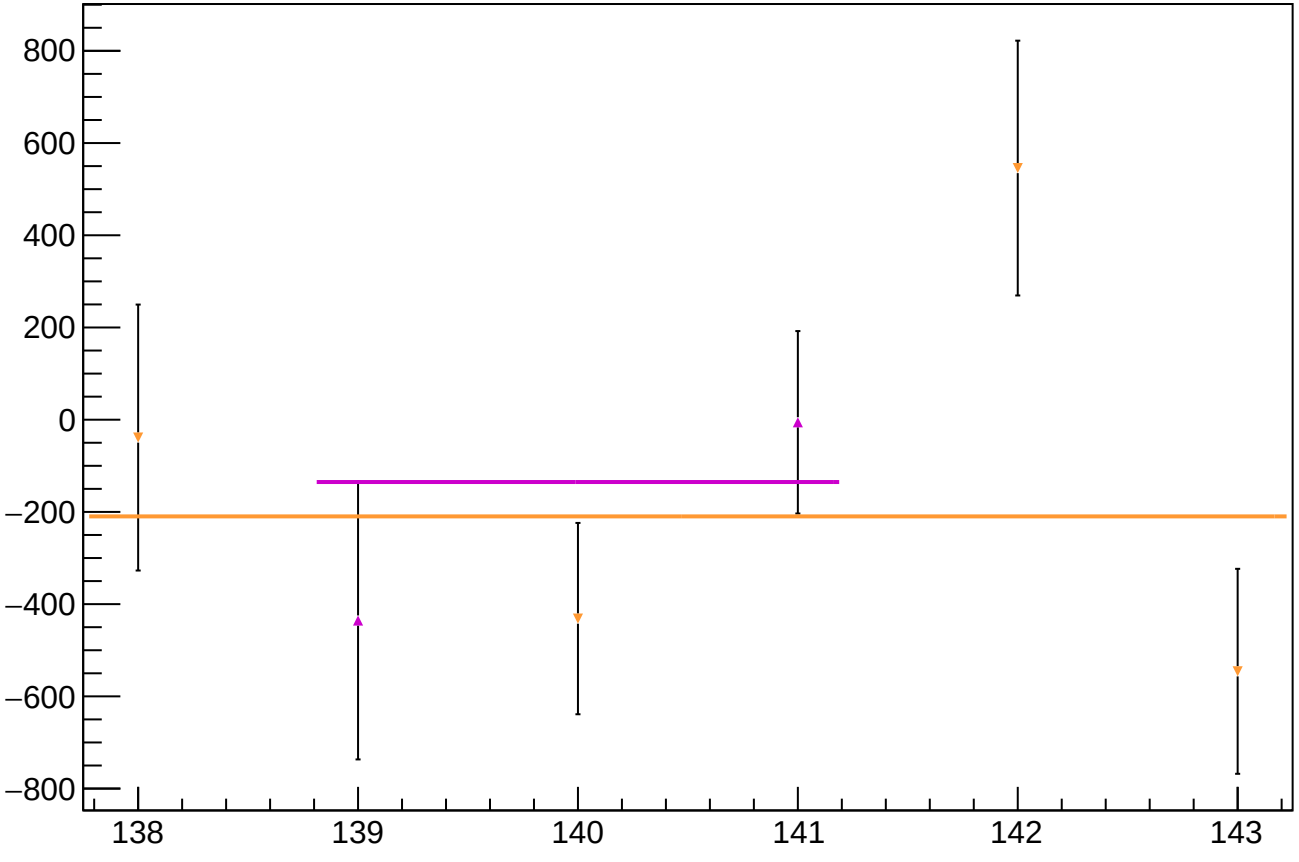
Left In: 204.035+/-0.115 χ^2/NDF:127327.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 194.949+/-0.068 χ^2/NDF: 234034.5/5

- 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: -209.703+/-120.741 χ^2/NDF:11.3/3

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

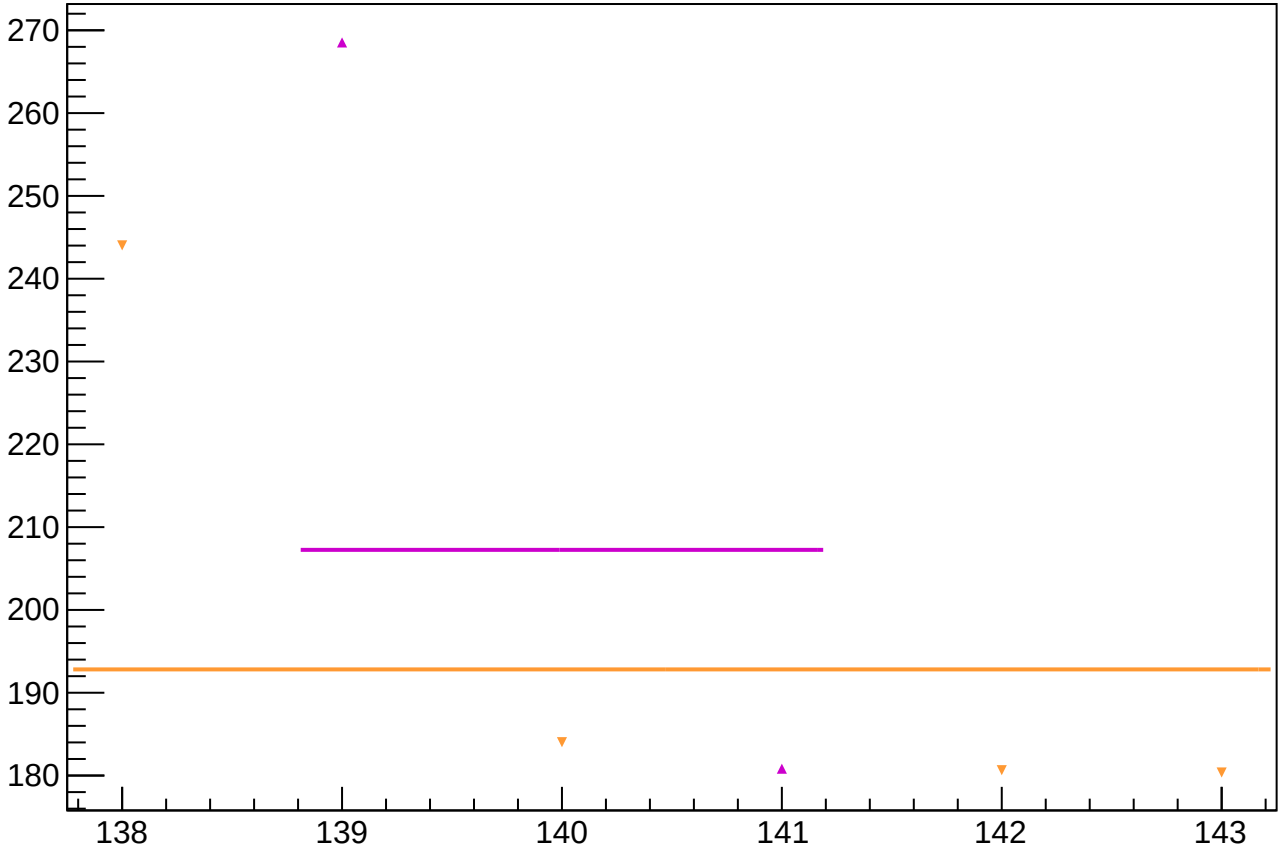
Left In: -135.155+/-165.356 χ^2/NDF:1.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -183.778+/-97.512 χ^2/NDF: 12.8/5

- 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: 192.818+/-0.085 χ^2/NDF:76801.0/3

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

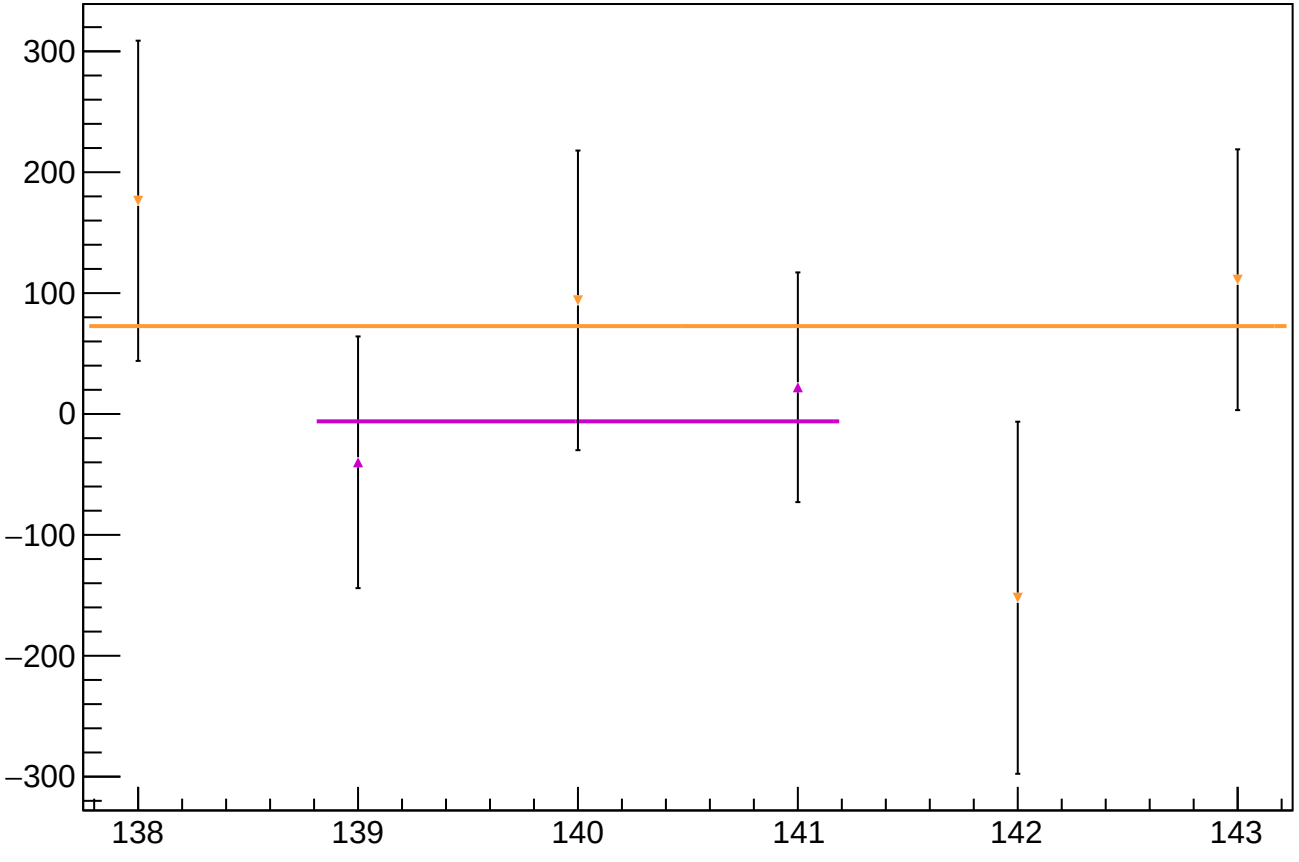
Left In: 207.255+/-0.117 χ^2/NDF:118457.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 197.838+/-0.069 χ^2/NDF: 205202.0/5

- 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: 72.701+/-62.595 χ^2/NDF:3.1/3

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

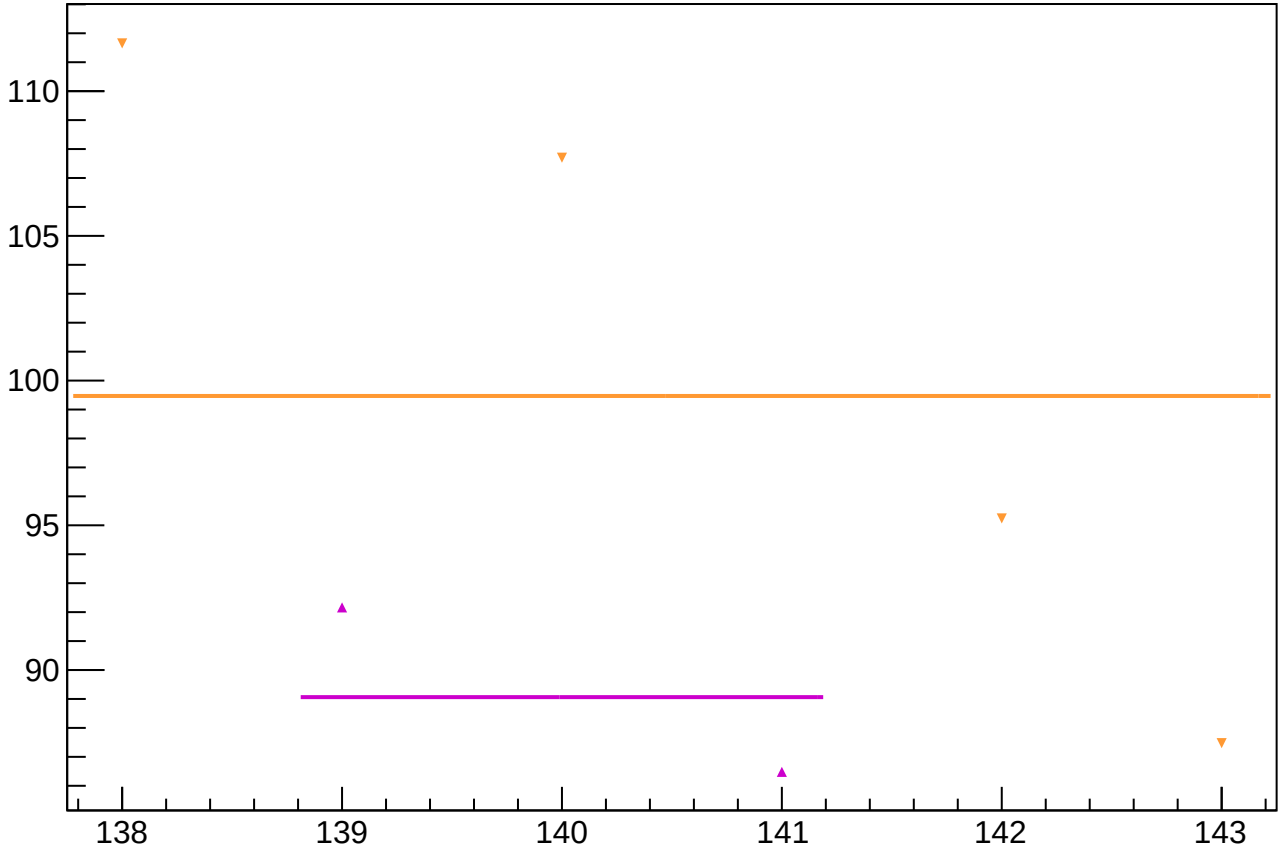
Left In: -6.085+/-70.177 χ^2/NDF:0.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 37.792+/-46.713 χ^2/NDF: 4.0/5

- 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: 99.469+/-0.044 χ^2/NDF:52169.1/3

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

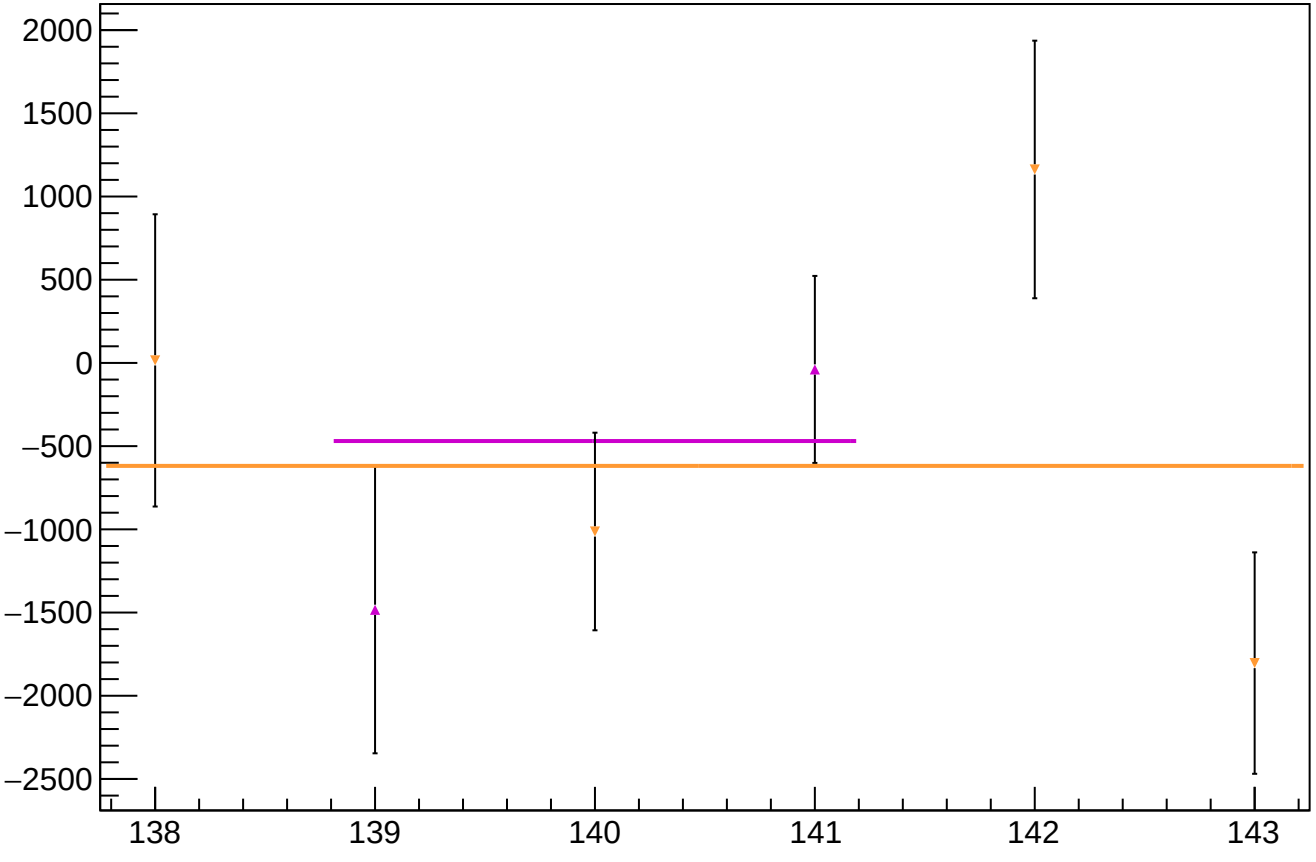
Left In: 89.063+/-0.050 χ^2/NDF:3250.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 94.858+/-0.033 χ^2/NDF: 79907.3/5

- 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: -618.697+/-352.186 χ^2/NDF:9.4/3

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

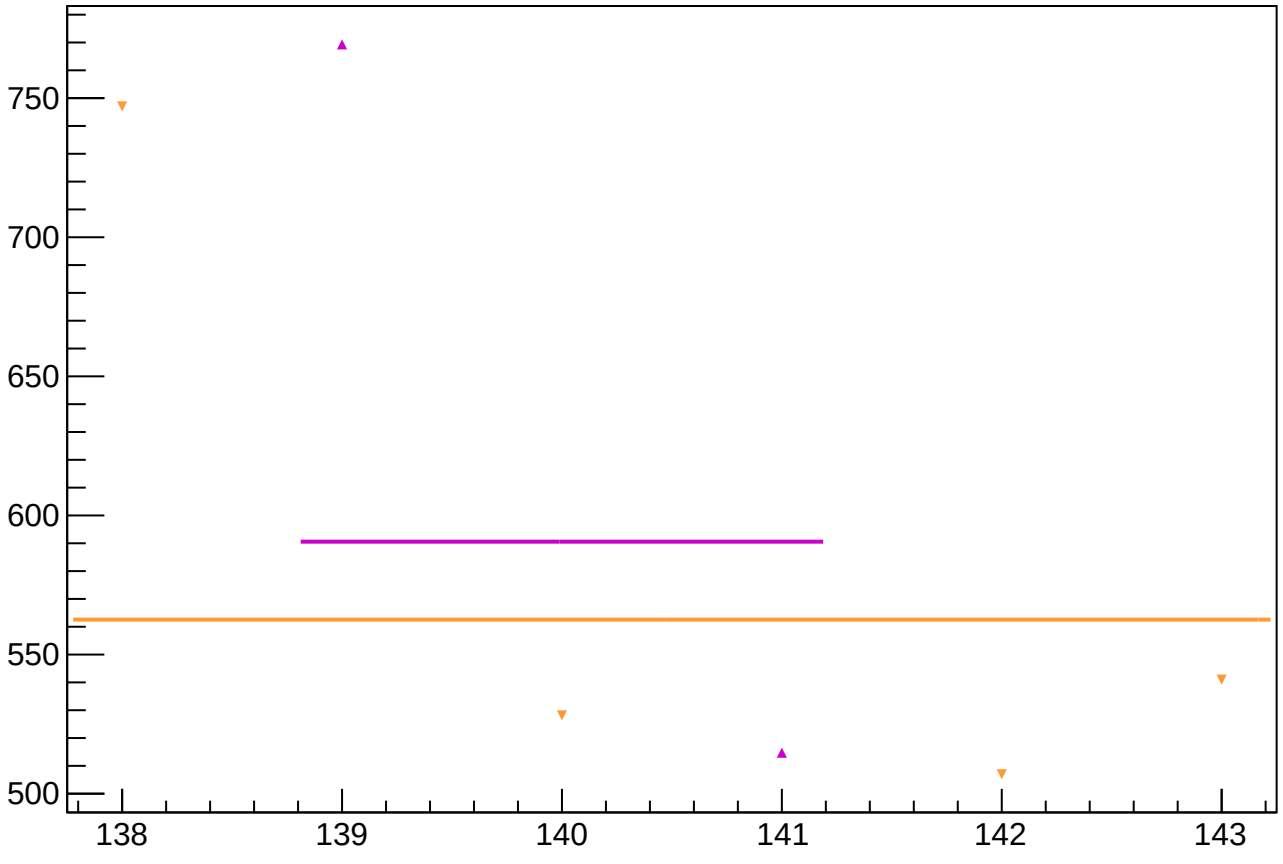
Left In: -469.359+/-470.797 χ^2/NDF:2.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -565.113+/-282.011 χ^2/NDF: 11.5/5

- 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: 562.566+/-0.249 χ^2/NDF:107400.9/3

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

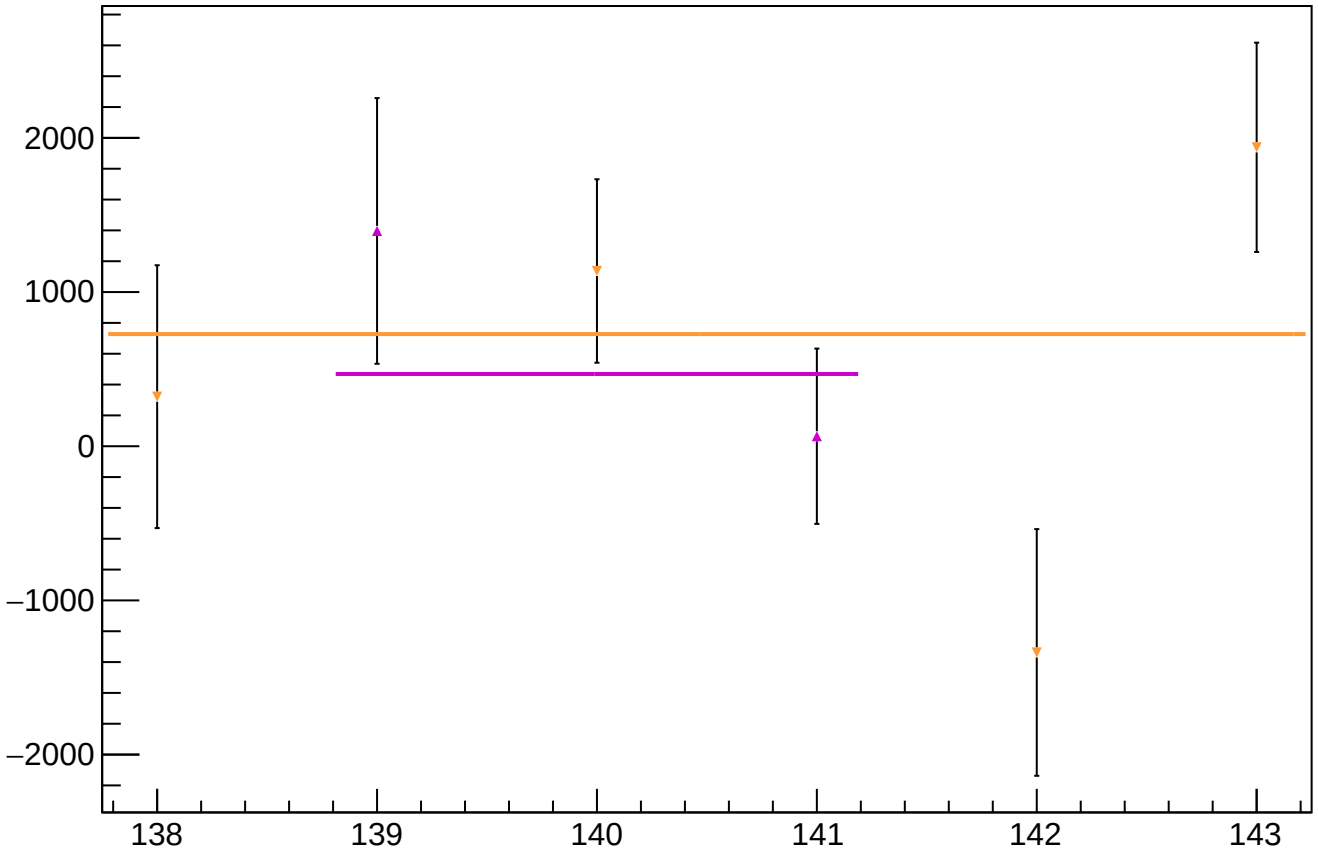
Left In: 590.584+/-0.333 χ^2/NDF:122340.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 572.619+/-0.199 χ^2/NDF: 234283.6/5

- 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: 727.469+/-355.044 χ^2/NDF:10.5/3

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

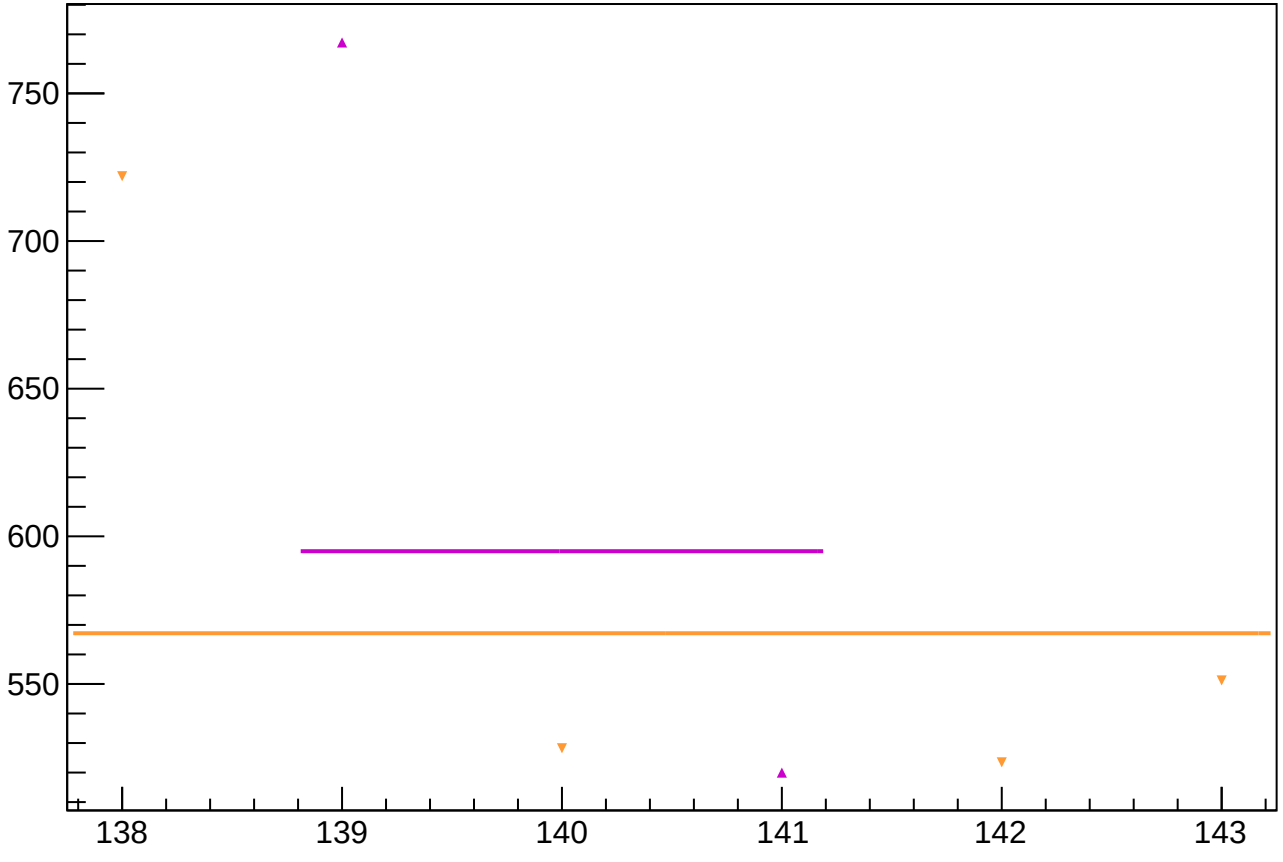
Left In: 468.671+/-474.545 χ^2/NDF:1.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 634.591+/-284.284 χ^2/NDF: 12.4/5

- 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: 567.178+/-0.251 χ^2/NDF:81576.5/3

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

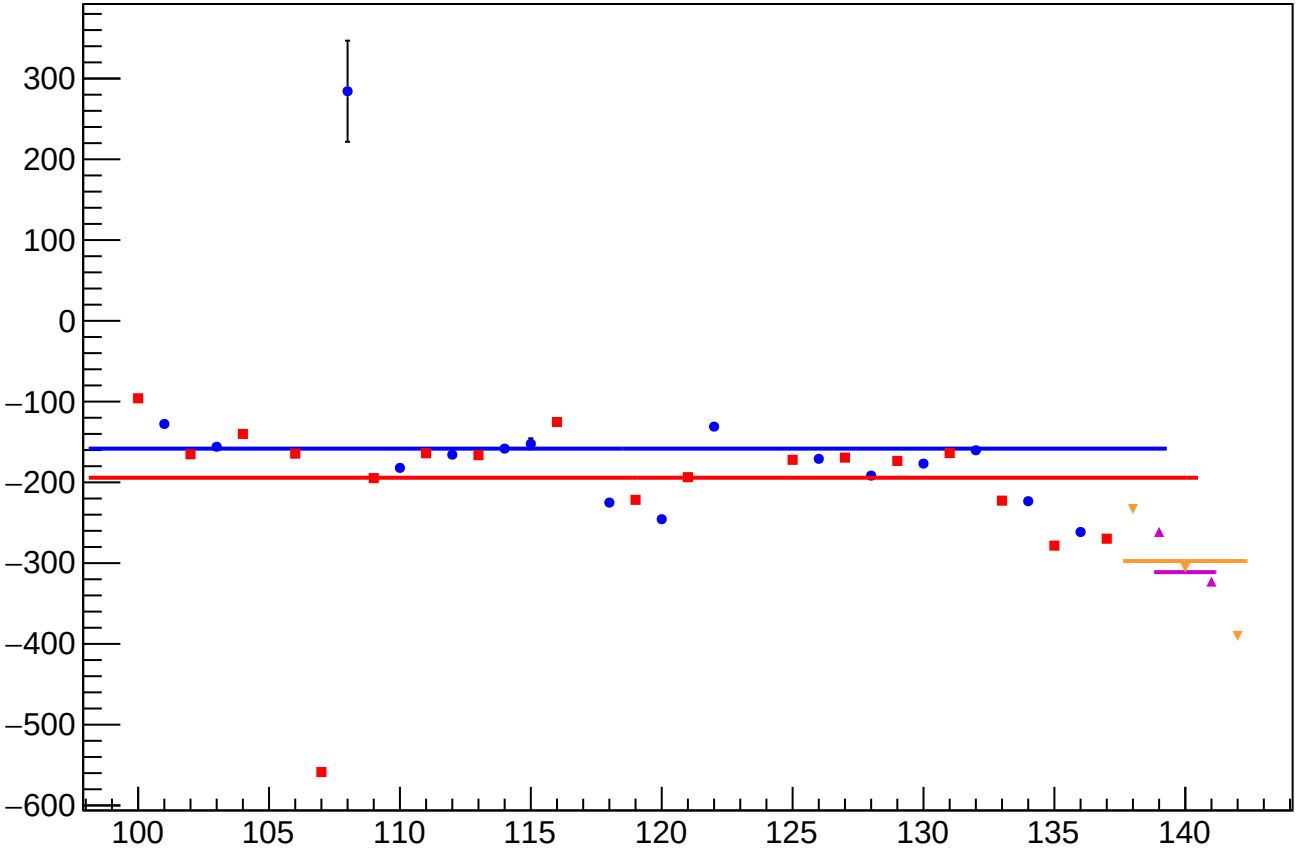
Left In: 594.963+/-0.336 χ^2/NDF:114727.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 577.150+/-0.201 χ^2/NDF: 200699.6/5

- 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: -297.411+/-0.455 χ^2/NDF:12346.8/2

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

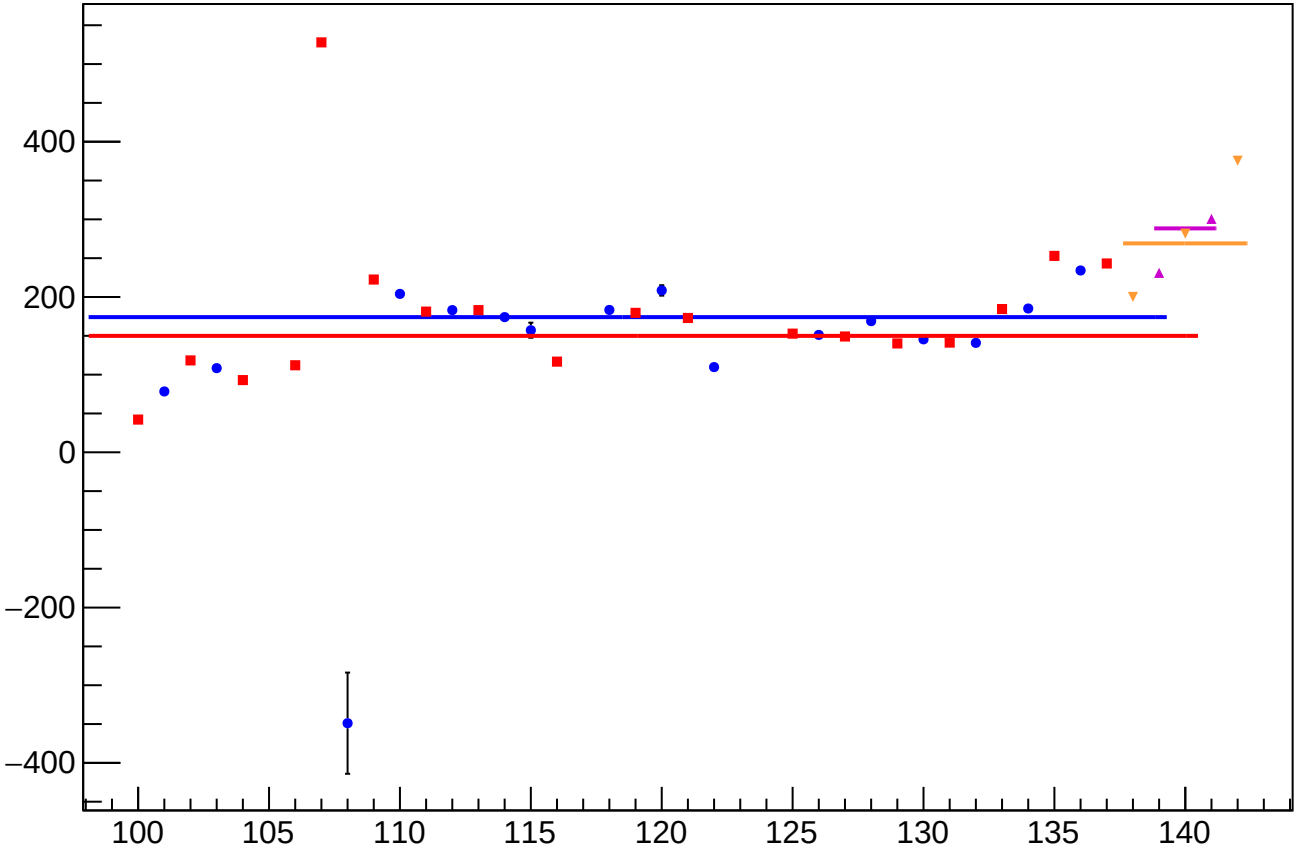
Left In: -311.157+/-0.404 χ^2/NDF:3559.9/1

+ sign -158.222+/-0.000 χ^2/NDF: 223030.9/18

All: -158.222+/-0.000 χ^2/NDF: 593979.5/38

- sign -210.991+/-0.153 χ^2/NDF: 251796.7/19

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 269.061+/-0.486 χ^2/NDF:14015.6/2

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

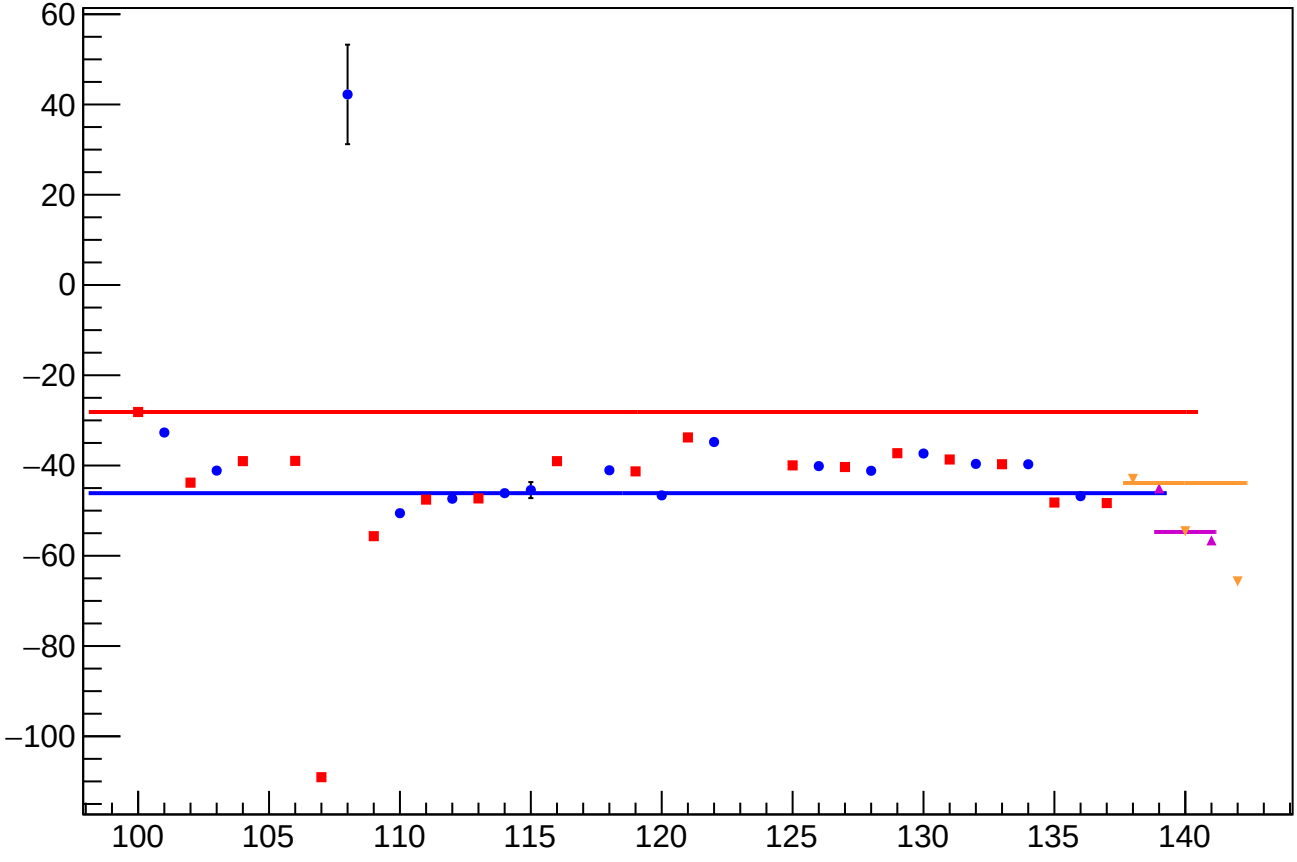
Left In: 288.356+/-0.425 χ^2/NDF:3873.5/1

+ sign 174.085+/-0.000 χ^2/NDF: 105645.2/18

All: 174.085+/-0.000 χ^2/NDF: 364727.5/38

- sign 174.082+/-0.178 χ^2/NDF: 259082.3/19

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -43.878+/-0.018 χ^2/NDF:41586.3/2

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

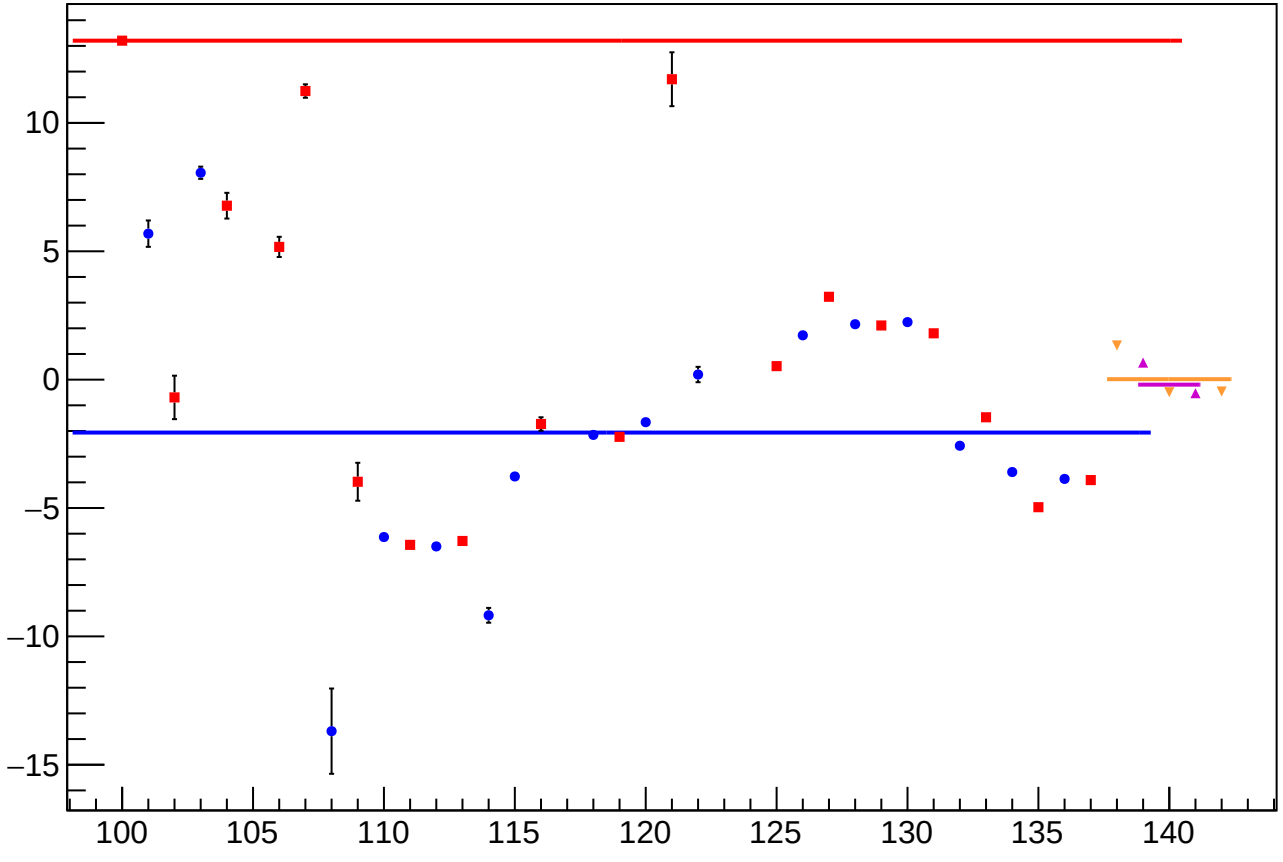
Left In: -54.726+/-0.045 χ^2/NDF:8864.8/1

+ sign -46.126+/-0.000 χ^2/NDF: 258303.6/18

All: -39.778+/-0.000 χ^2/NDF: 24879599323 1

- sign -28.139+/-0.000 χ^2/NDF: 1104878.0/19

dit_usl_4aY_slope vs Slug



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: 0.018+/-0.026 χ^2/NDF:980.8/2

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

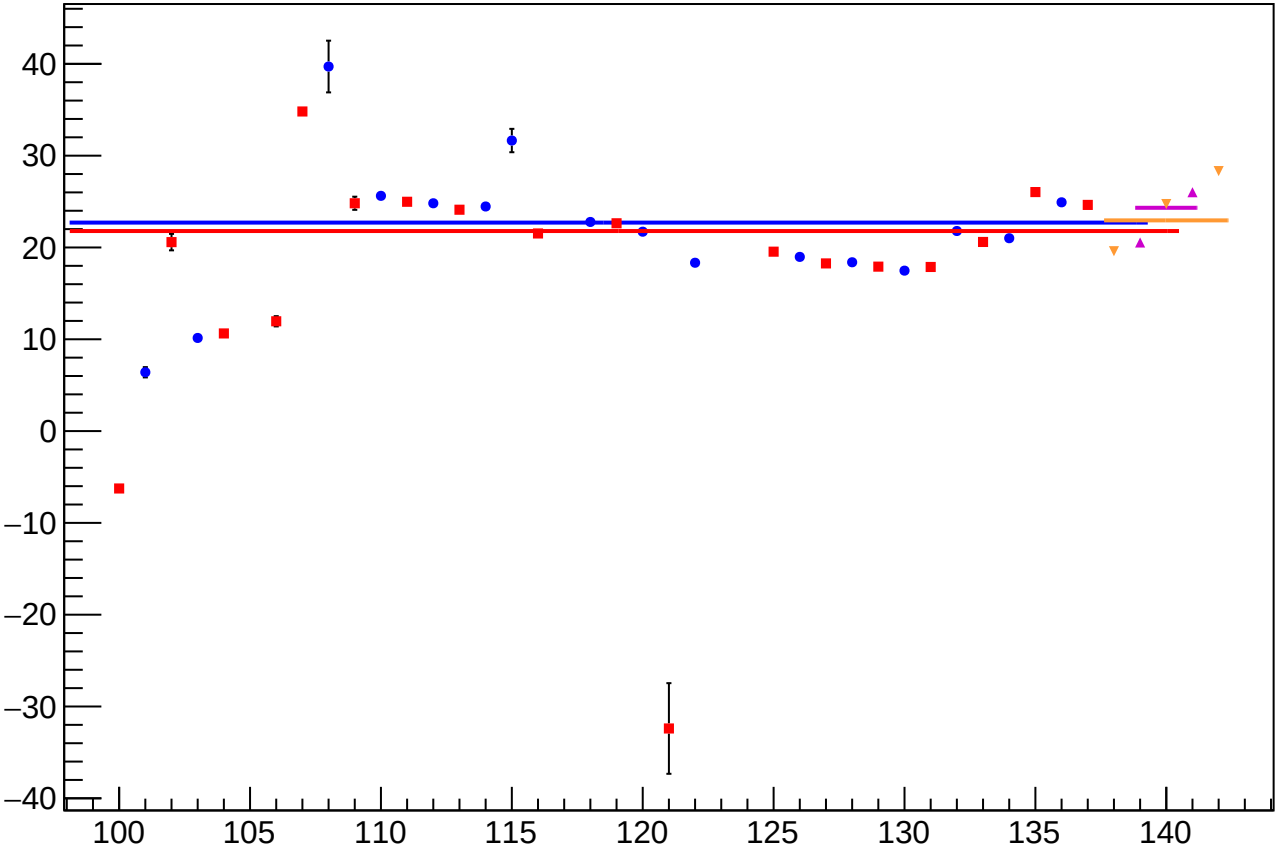
Left In: -0.195+/-0.024 χ^2/NDF:514.1/1

+ sign -1.394+/-0.015 χ^2/NDF: 31009.1/18

All: 13.204+/-0.000 χ^2/NDF: 1850895.7/38

- sign 13.204+/-0.000 χ^2/NDF: 832628.0/19

dit_usl_4eY_slope vs Slug



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 22.951+/-0.046 χ^2/NDF:4290.1/2

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

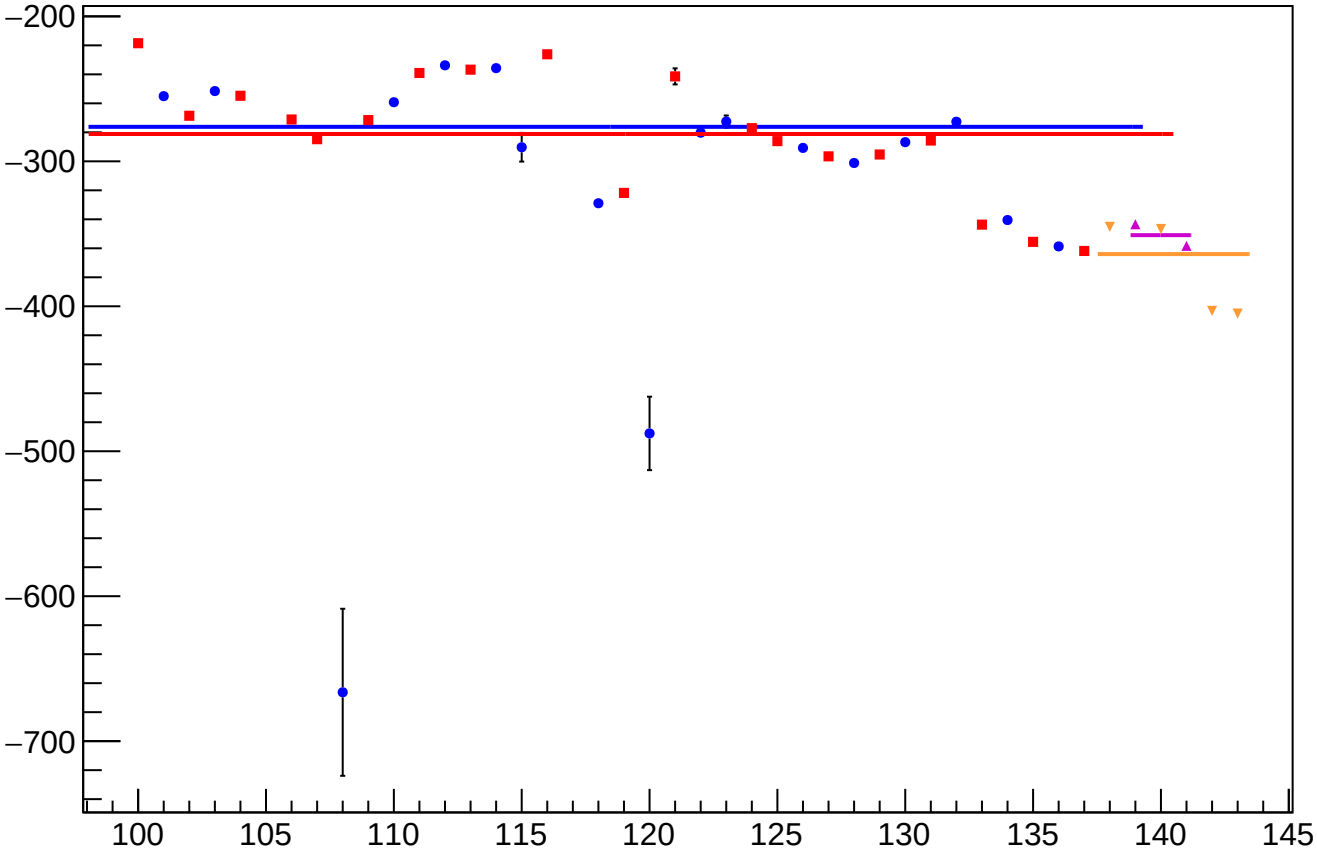
Left In: 24.323+/-0.042 χ^2/NDF:3675.4/1

+ sign 22.745+/-0.017 χ^2/NDF: 27081.3/18

All: 22.553+/-0.013 χ^2/NDF: 60601.0/38

- sign 22.322+/-0.019 χ^2/NDF: 33251.8/19

dit_usr_4aX_slope vs Slug



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -363.986+/-0.298 χ^2/NDF:8196.5/3

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

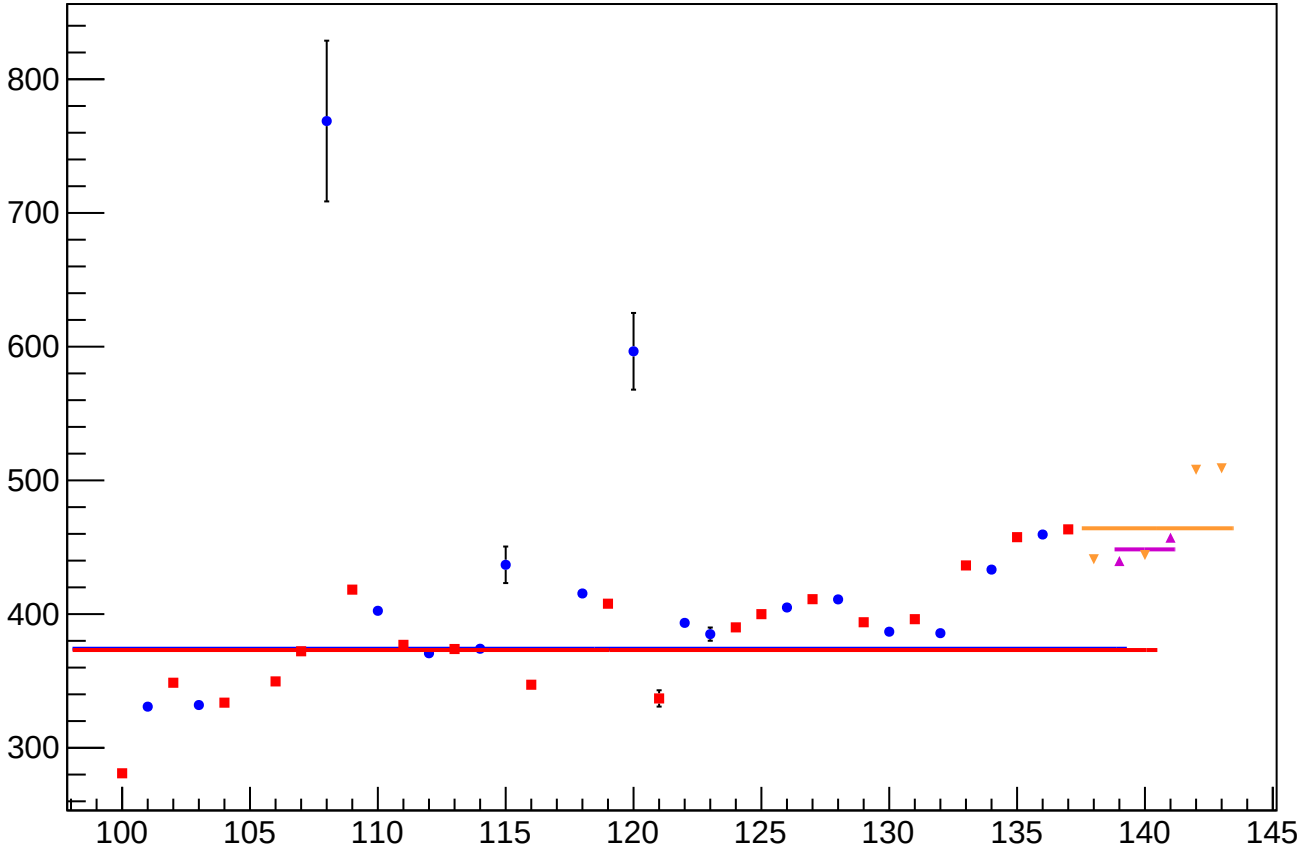
Left In: -350.935+/-0.269 χ^2/NDF:768.2/1

+ sign -297.067+/-0.145 χ^2/NDF: 132325.0/20

All: -297.207+/-0.097 χ^2/NDF: 262529.5/41

- sign -297.318+/-0.129 χ^2/NDF: 130202.8/20

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 464.177+/-0.319 χ^2/NDF:9468.7/3

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

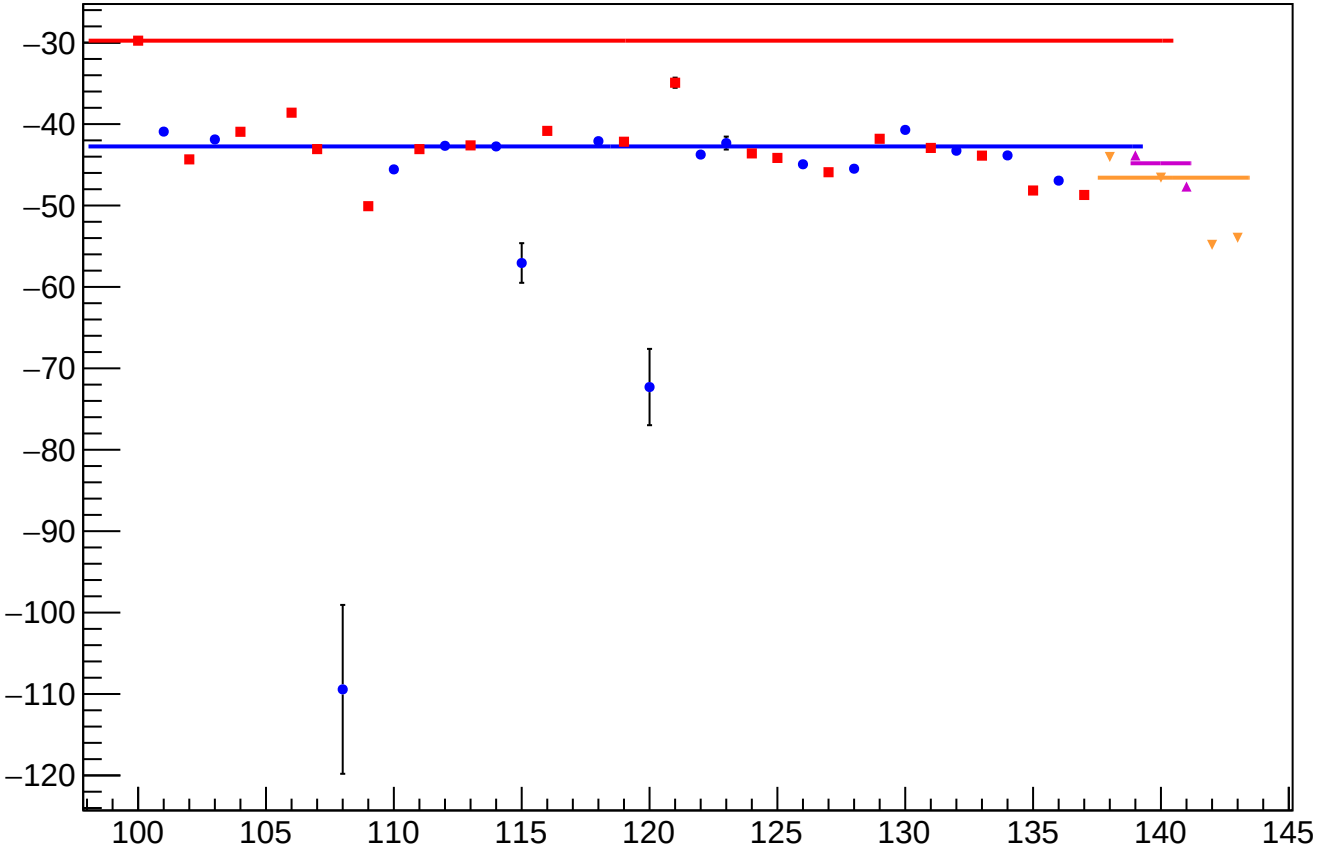
Left In: 448.404+/-0.279 χ^2/NDF:979.5/1

+ sign 374.094+/-0.000 χ^2/NDF: 124085.7/20

All: 374.094+/-0.000 χ^2/NDF: 304163.5/41

- sign 391.384+/-0.137 χ^2/NDF: 164259.9/20

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -46.582+/-0.020 χ^2/NDF:40324.4/3

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

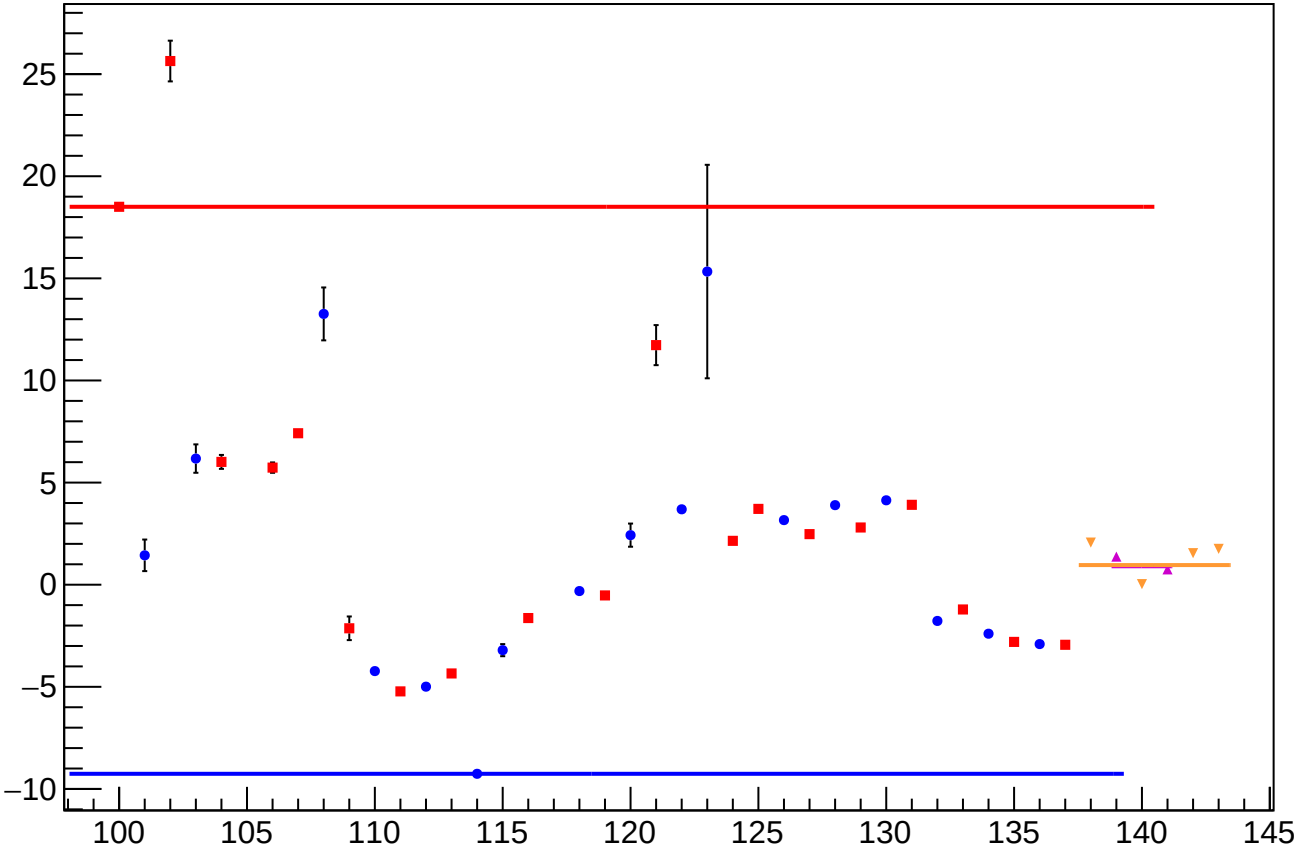
Left In: -44.813+/-0.022 χ^2/NDF:5614.3/1

+ sign -42.744+/-0.000 χ^2/NDF: 89255.0/20

All: -38.159+/-0.000 χ^2/NDF: 129765212680

- sign -29.754+/-0.000 χ^2/NDF: 951397.5/20

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: 0.961+/-0.018 χ^2/NDF:2651.8/3

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

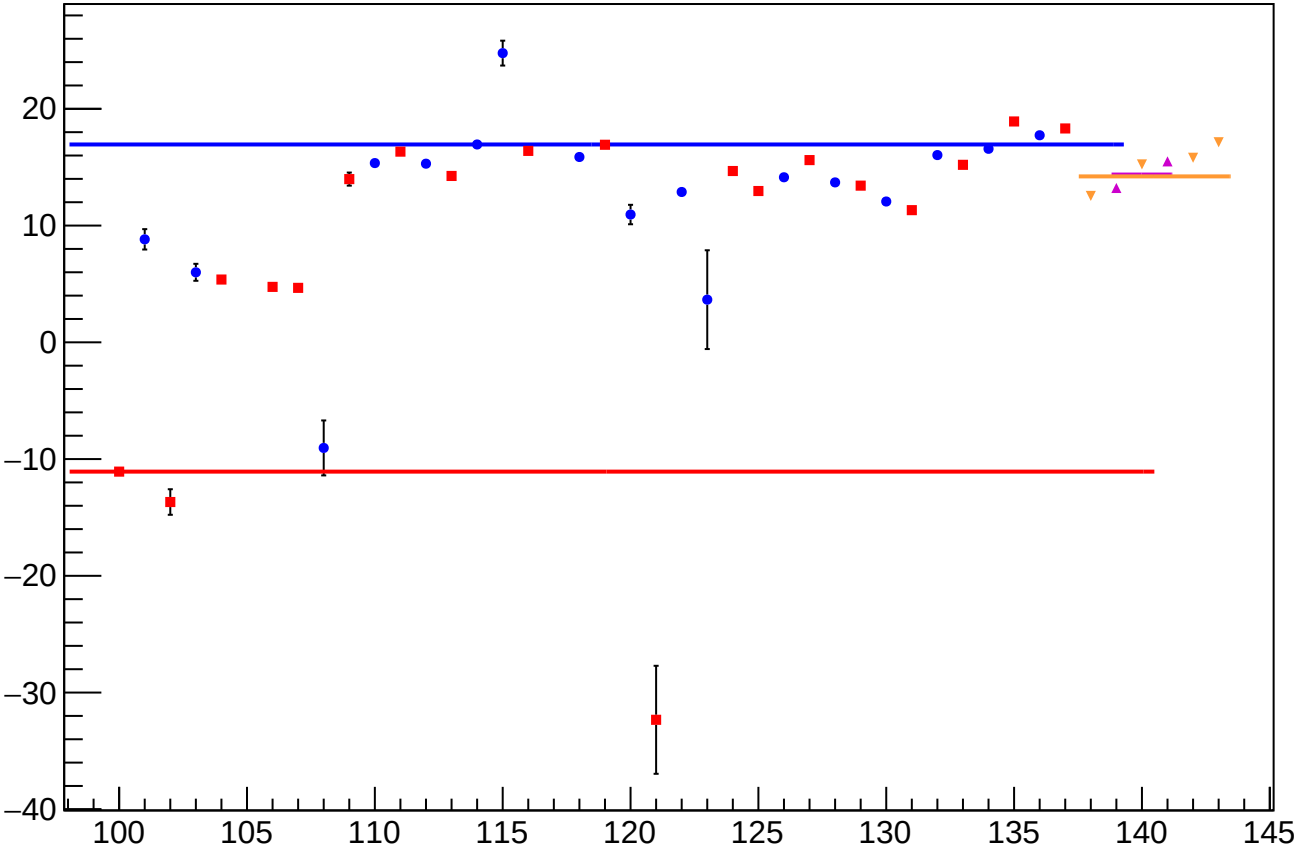
Left In: 0.903+/-0.021 χ^2/NDF:157.1/1

+ sign -9.259+/-0.000 χ^2/NDF: 720965.4/20

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

- sign 18.504+/-0.000 χ^2/NDF: 8045617.2/20

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 14.212+/-0.020 χ^2/NDF:7188.0/3

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

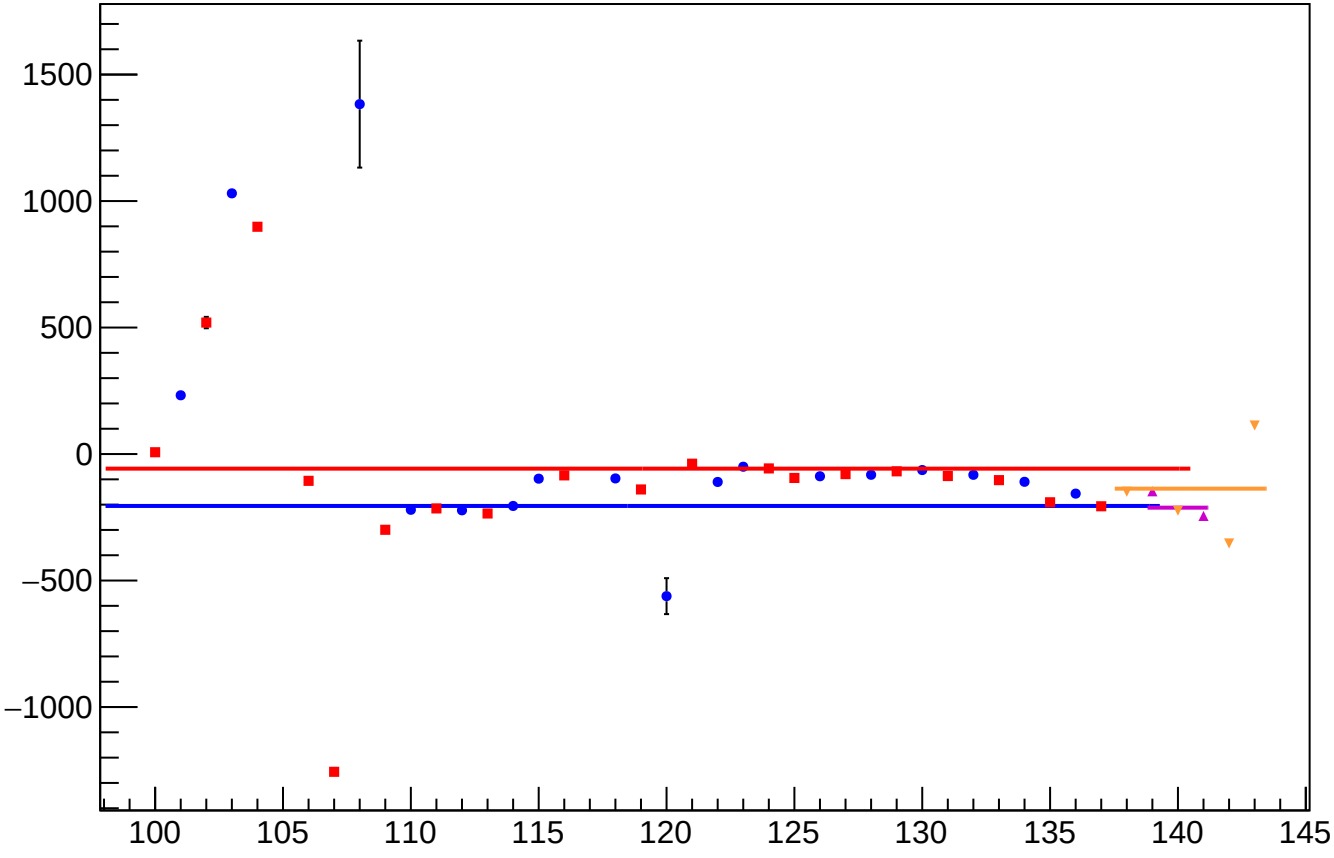
Left In: 14.370+/-0.030 χ^2/NDF:1394.8/1

+ sign 16.947+/-0.000 χ^2/NDF: 36806.8/20

All: -2.268+/-0.000 χ^2/NDF: 469252745463

- sign -11.075+/-0.000 χ^2/NDF: 3409729.1/20

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -136.767+/-0.555 χ^2/NDF:37626.6/3

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

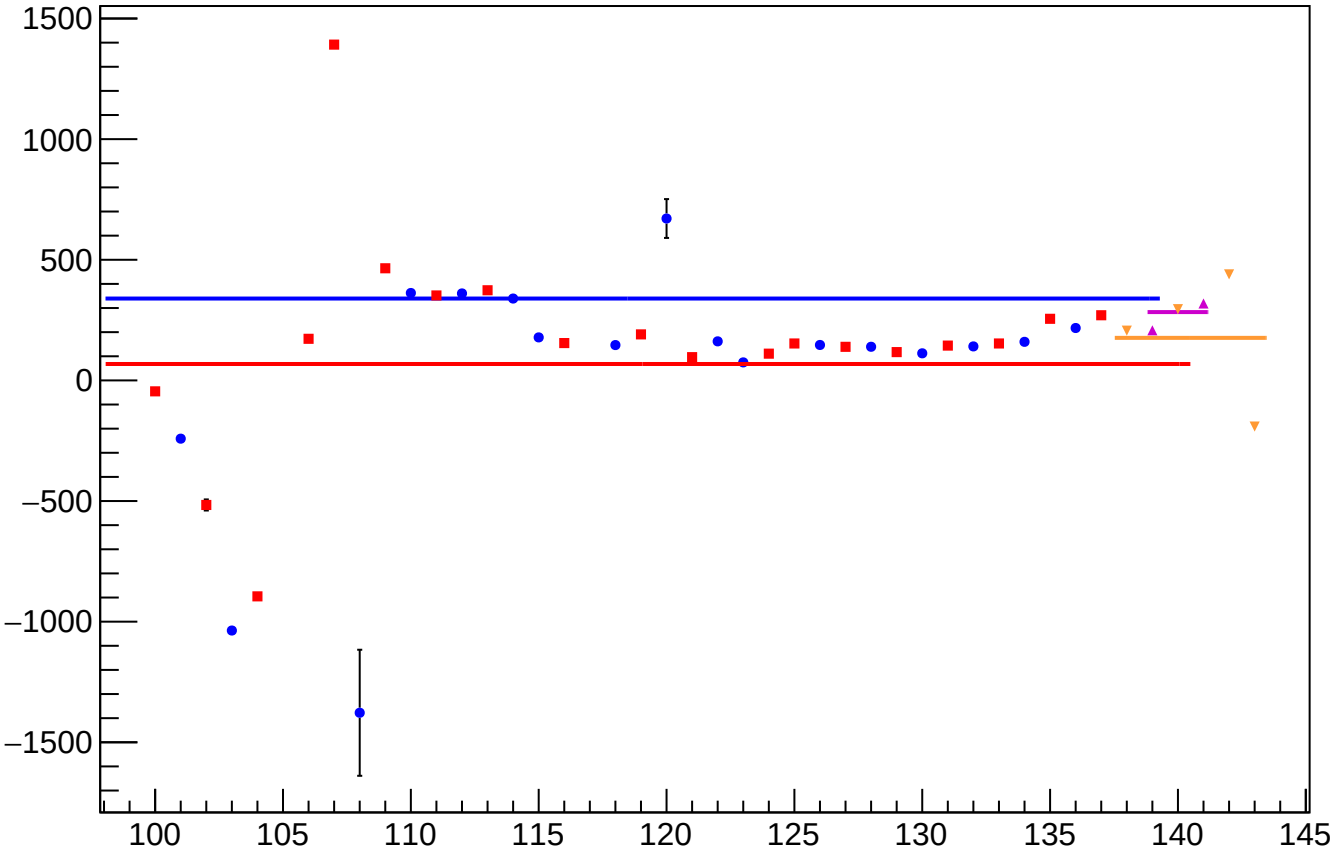
Left In: -211.934+/-0.904 χ^2/NDF:2589.9/1

+ sign -205.160+/-0.000 χ^2/NDF: 635577.7/20

All: -205.160+/-0.000 χ^2/NDF: 1023970.6/41

- sign -71.490+/-0.270 χ^2/NDF: 143968.2/20

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 176.347+/-0.570 χ^2/NDF:73227.7/3

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

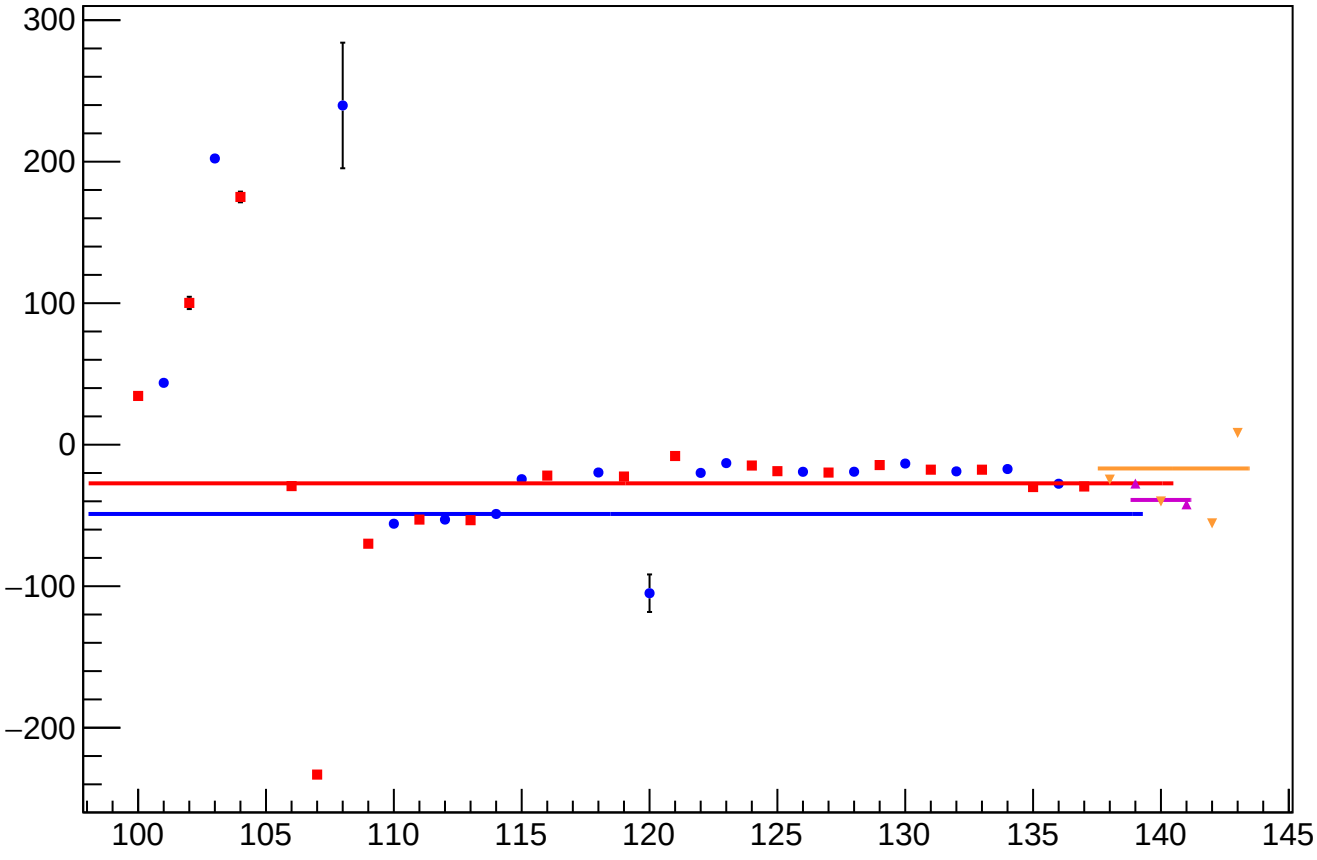
Left In: 283.200+/-0.946 χ^2/NDF:3009.3/1

+ sign 339.325+/-0.000 χ^2/NDF: 1185625.1/20

All: 339.325+/-0.000 χ^2/NDF: 2363834.9/41

- sign 86.053+/-0.274 χ^2/NDF: 322743.1/20

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -16.798+/-0.021 χ^2/NDF:523378.7/3

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

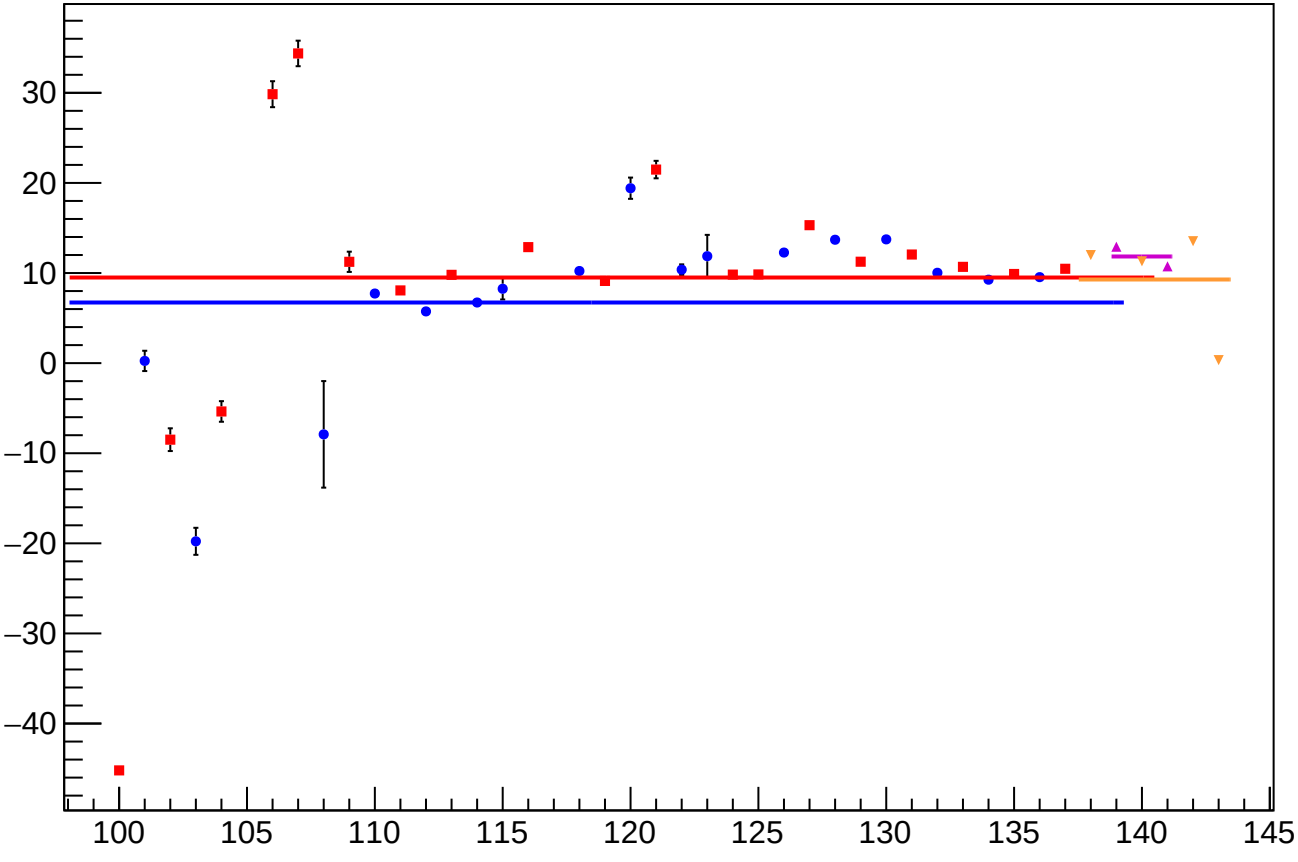
Left In: -39.039+/-0.066 χ^2/NDF:8160.0/1

+ sign -48.945+/-0.000 χ^2/NDF: 8260706.1/20

All: -48.945+/-0.000 χ^2/NDF: 8634395.5/41

- sign -31.747+/-0.041 χ^2/NDF: 195555.4/20

dit_atl1_4aY_slope vs Slug



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 9.282+/-0.037 χ^2/NDF:19978.9/3

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

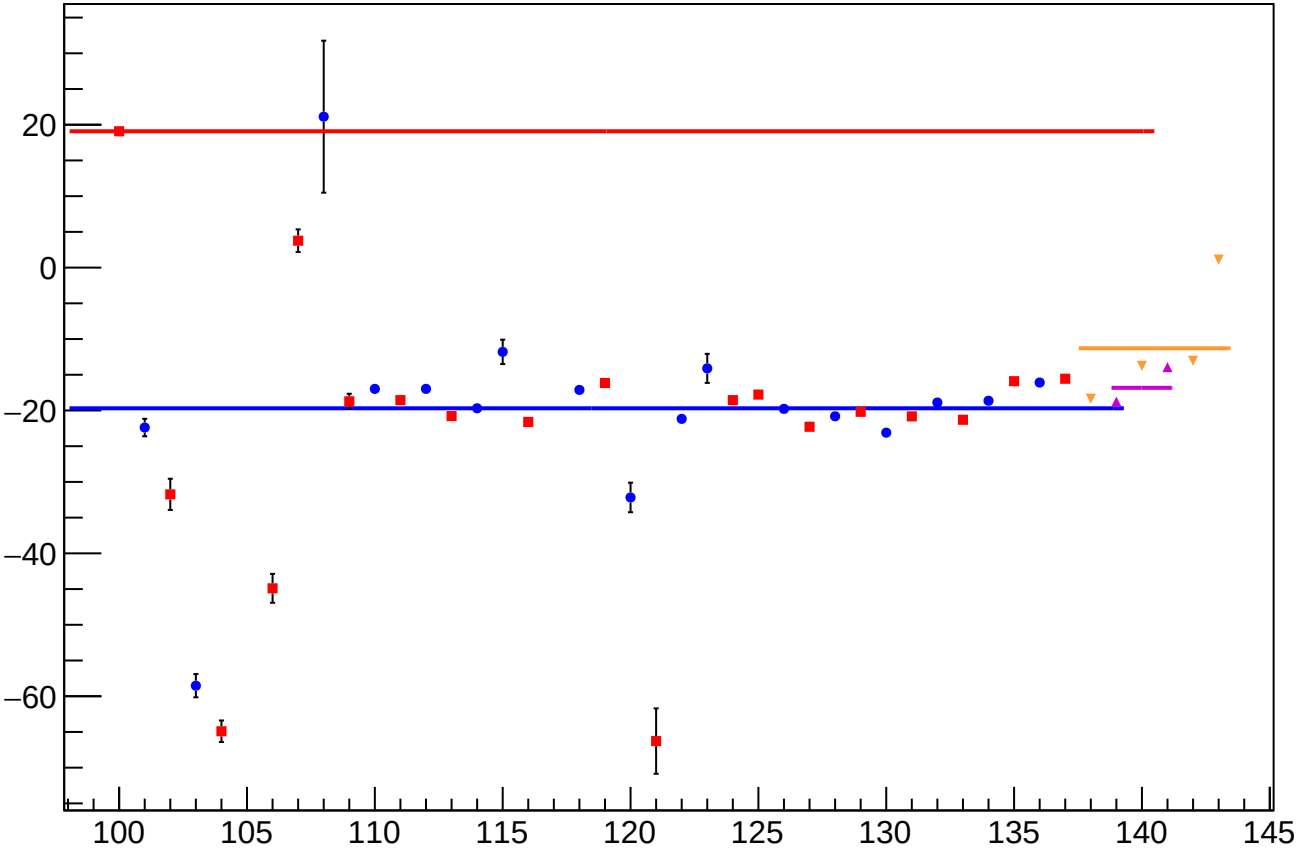
Left In: 11.836+/-0.057 χ^2/NDF:362.6/1

+ sign 6.728+/-0.000 χ^2/NDF: 38550.9/20

All: 6.728+/-0.000 χ^2/NDF: 79768.7/41

- sign 10.154+/-0.030 χ^2/NDF: 28384.3/20

dit_atl1_4eY_slope vs Slug



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -11.294+/-0.051 χ^2/NDF:16785.0/3

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

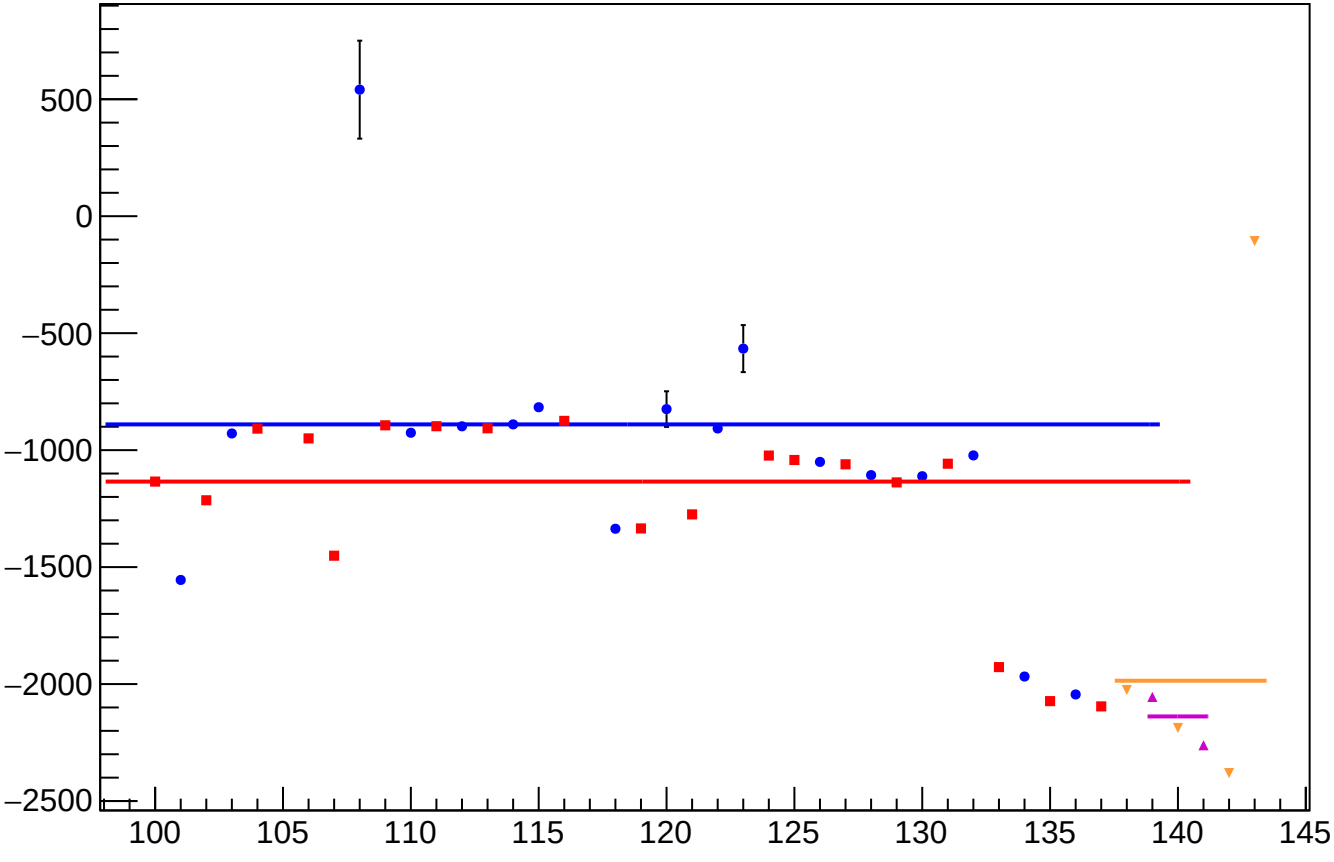
Left In: -16.827+/-0.081 χ^2/NDF:841.0/1

+ sign -19.693+/-0.000 χ^2/NDF: 51285.9/20

All: -6.006+/-0.000 χ^2/NDF: 462563773129

- sign 19.086+/-0.000 χ^2/NDF: 806179.8/20

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -1985.678+/-1.233 χ^2/NDF:239758.7/3

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

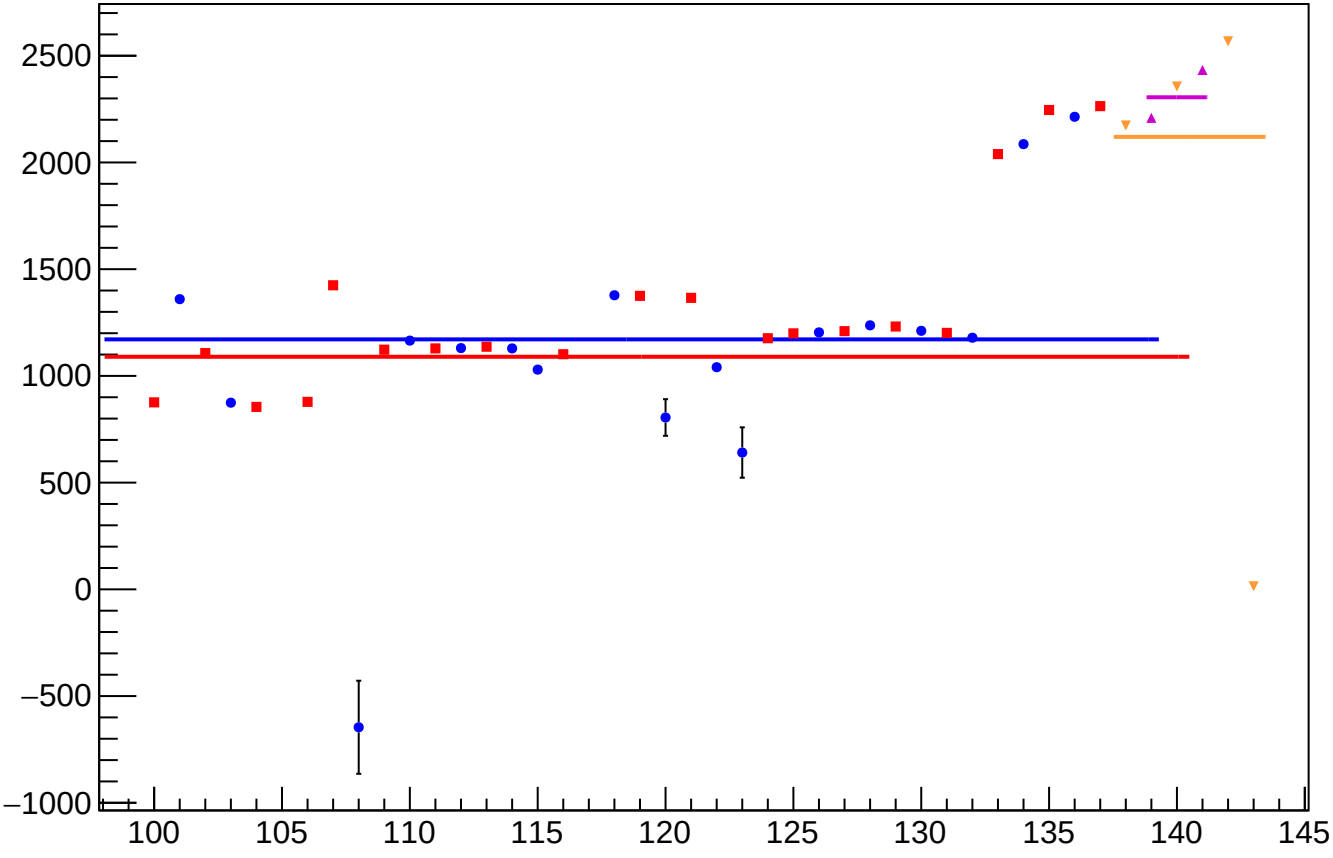
Left In: -2138.353+/-1.385 χ^2/NDF:5357.3/1

+ sign -889.928+/-0.000 χ^2/NDF: 1806001.9/20

All: -976.220+/-0.000 χ^2/NDF: 4488978738

- sign -1134.421+/-0.000 χ^2/NDF: 1264375.3/20

dit_atl2_4eX_slope vs Slug



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2119.929+/-1.264 χ^2/NDF:289384.7/3

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

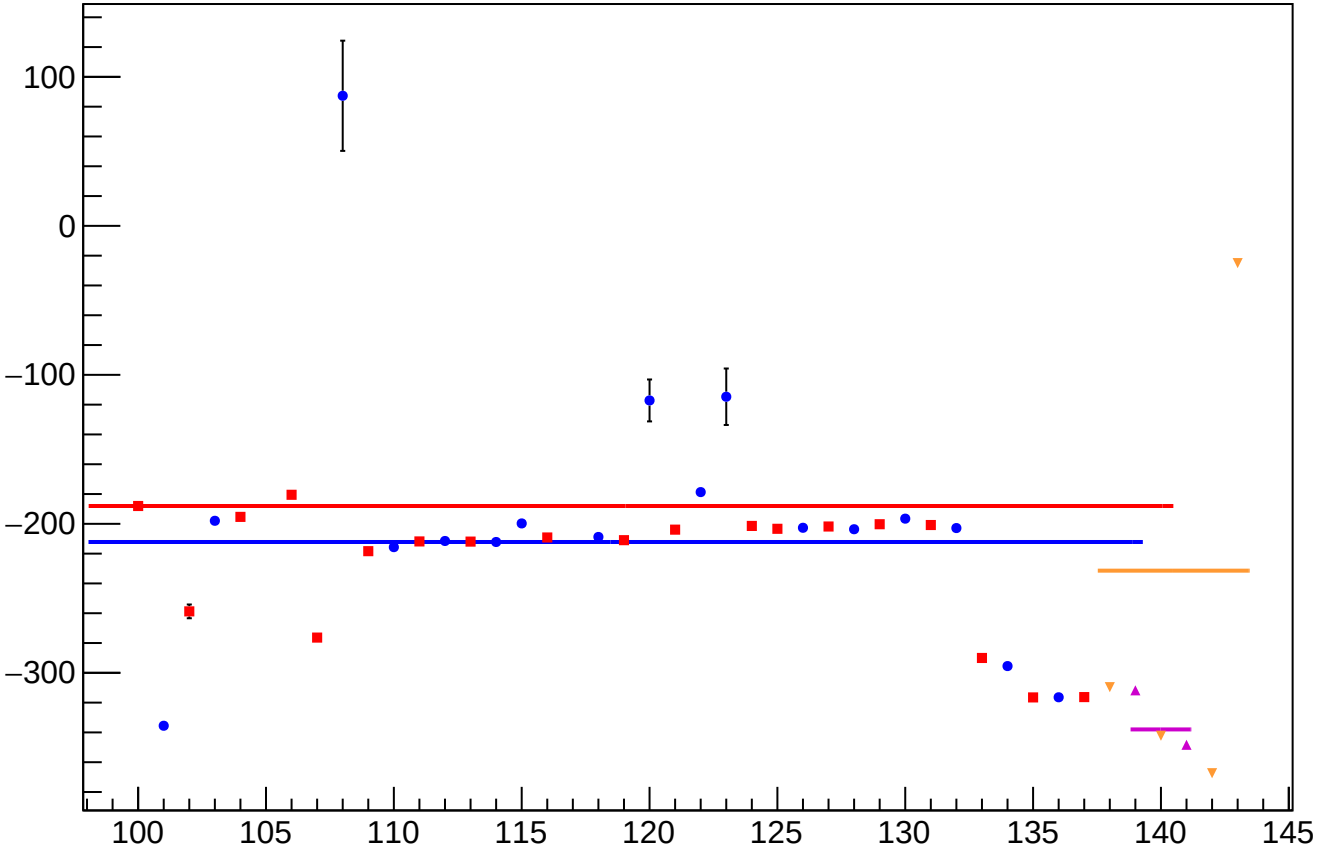
Left In: 2305.395+/-1.452 χ^2/NDF:5841.5/1

+ sign 1205.651+/-0.241 χ^2/NDF: 1341434.8/20

All: 1167.076+/-0.173 χ^2/NDF: 3180759.2/41

- sign 1125.632+/-0.250 χ^2/NDF: 1786124.3/20

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -231.429+/-0.060 χ^2/NDF:4887561.6/3

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

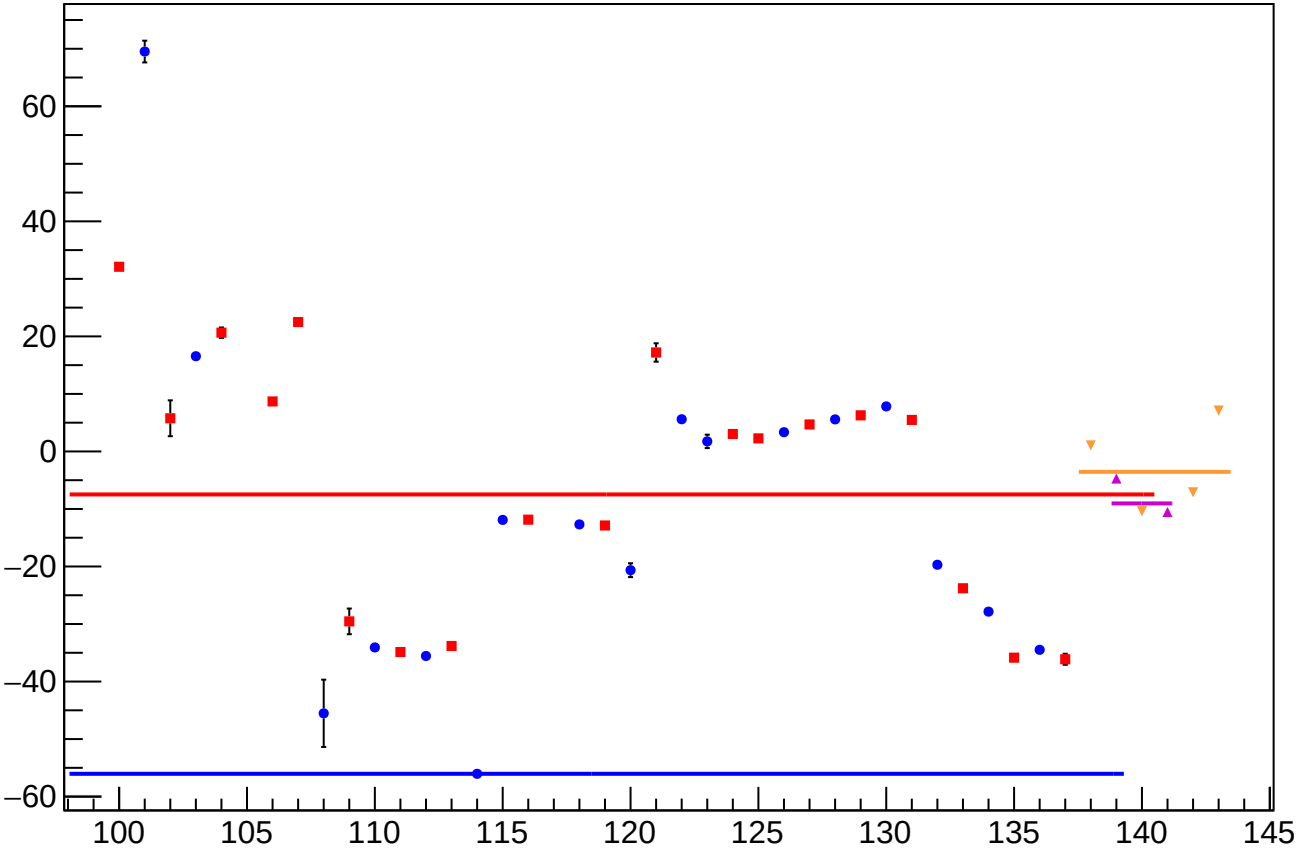
Left In: -337.999+/-0.103 χ^2/NDF:25344.3/1

+ sign -212.190+/-0.000 χ^2/NDF: 6140587.0/20

All: -195.625+/-0.000 χ^2/NDF: 1362230362

- sign -188.033+/-0.000 χ^2/NDF: 2736056.8/20

dit_atl2_4aY_slope vs Slug



Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -3.550+/-0.093 χ^2/NDF:7135.8/3

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

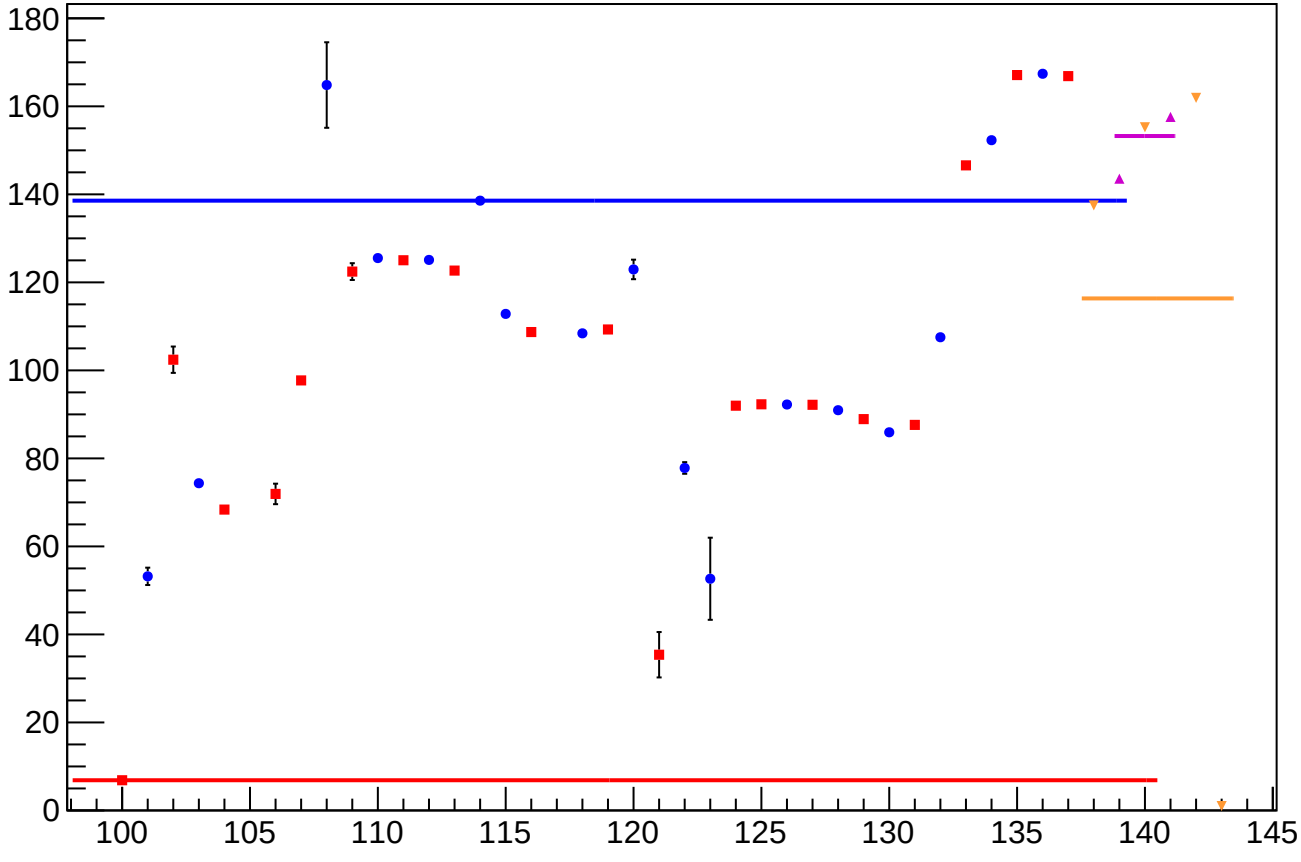
Left In: -9.036+/-0.082 χ^2/NDF:967.6/1

+ sign -56.037+/-0.000 χ^2/NDF: 1907892.4/20

All: -56.037+/-0.000 χ^2/NDF: 3740802.5/41

- sign -7.806+/-0.037 χ^2/NDF: 175150.2/20

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 116.349+/-0.130 χ^2/NDF:255259.2/3

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

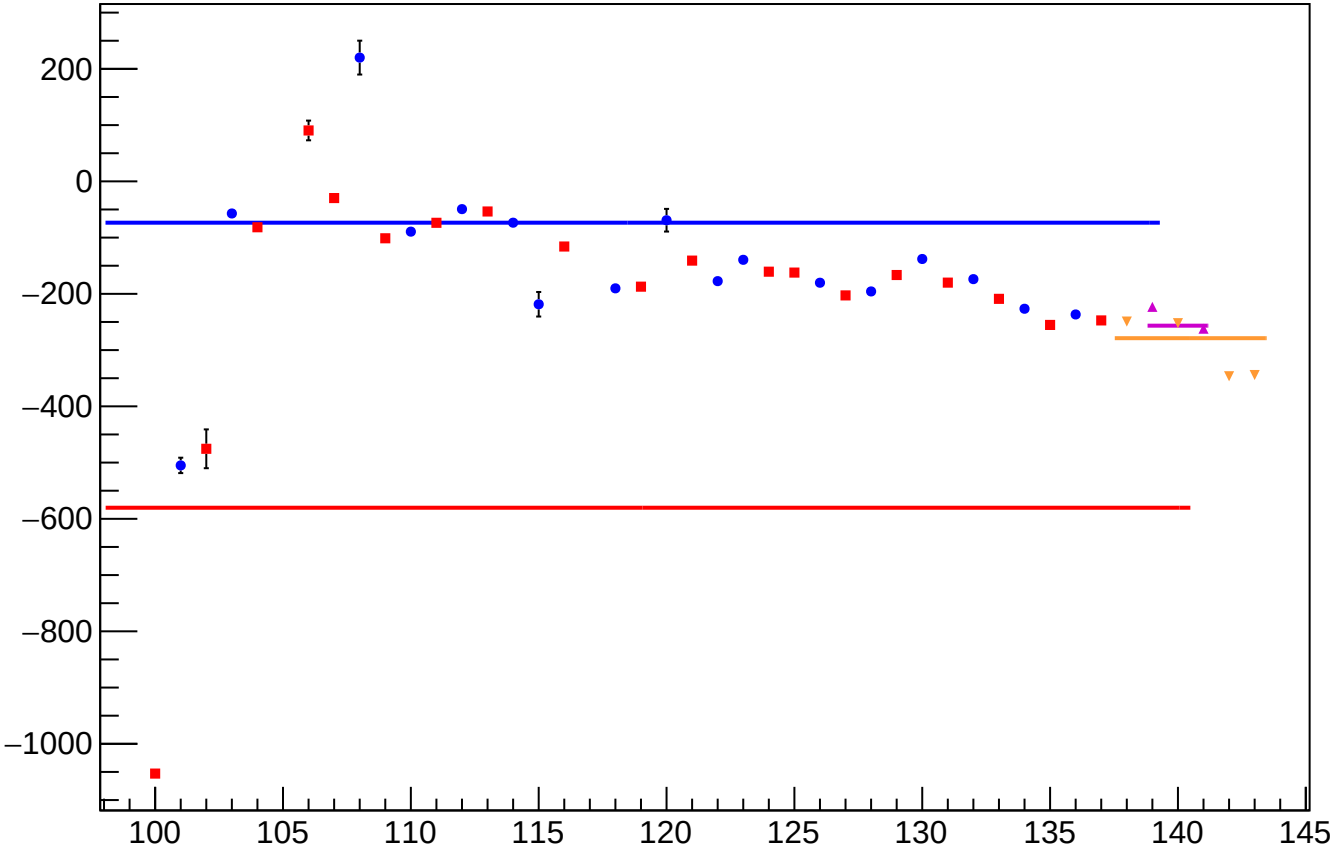
Left In: 153.255+/-0.098 χ^2/NDF:4404.1/1

+ sign 138.565+/-0.000 χ^2/NDF: 1185775.4/20

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

- sign 6.866+/-0.000 χ^2/NDF: 10294448.0/20

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -278.819+/-0.494 χ^2/NDF:7681.7/3

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

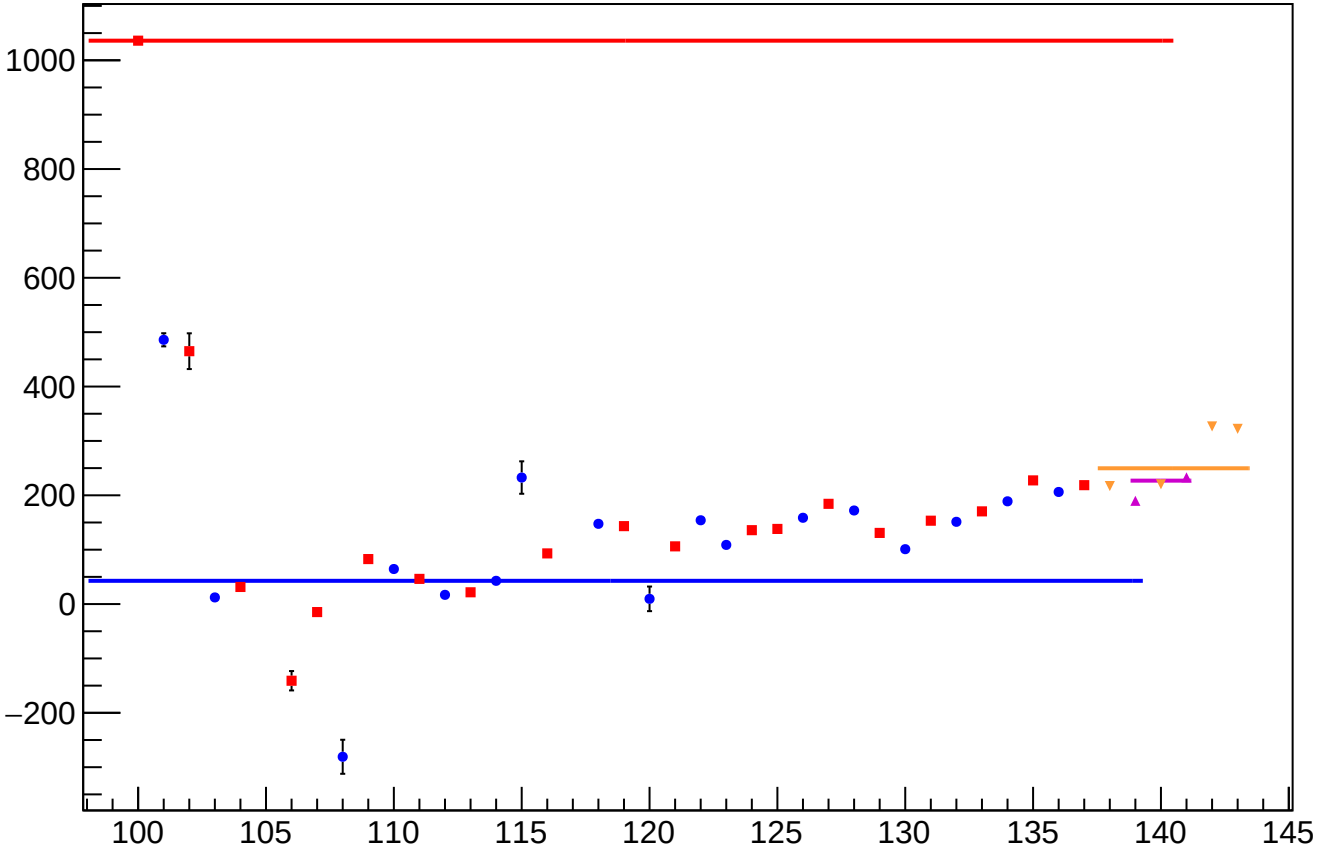
Left In: -256.582+/-0.658 χ^2/NDF:414.9/1

+ sign -73.485+/-0.000 χ^2/NDF: 279412.9/20

All: -73.485+/-0.000 χ^2/NDF: 7160724.4/41

- sign -536.240+/-0.243 χ^2/NDF: 3241291.6/20

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 249.702+/-0.515 χ^2/NDF:8736.8/3

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

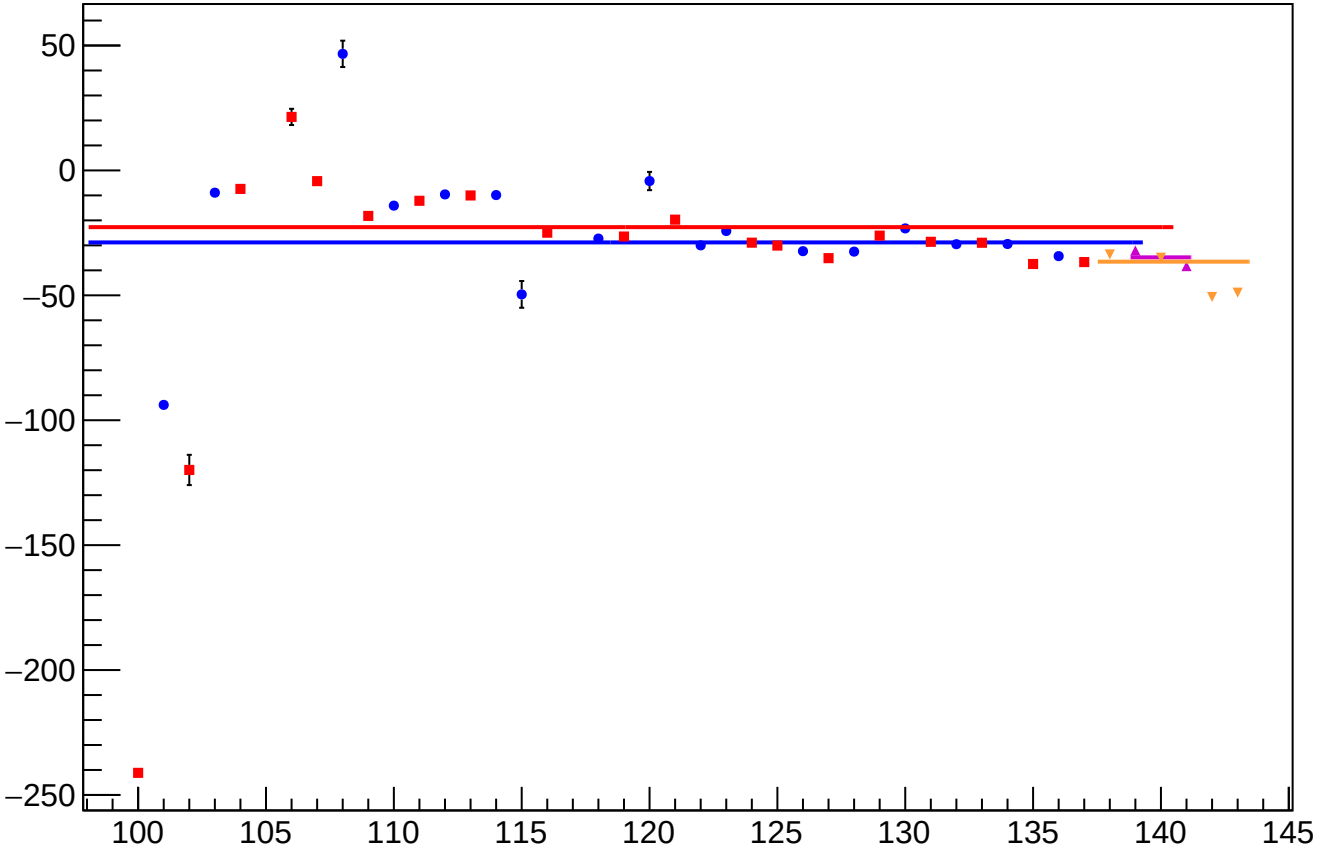
Left In: 226.965+/-0.680 χ^2/NDF:485.5/1

+ sign 42.743+/-0.000 χ^2/NDF: 254899.8/20

All: 43.272+/-0.000 χ^2/NDF: 114451749726

- sign 1036.068+/-0.000 χ^2/NDF: 6351393.9/20

dit_atr1_11X12X_slope vs Slug



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -36.529+/-0.032 χ^2/NDF:34015.6/3

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

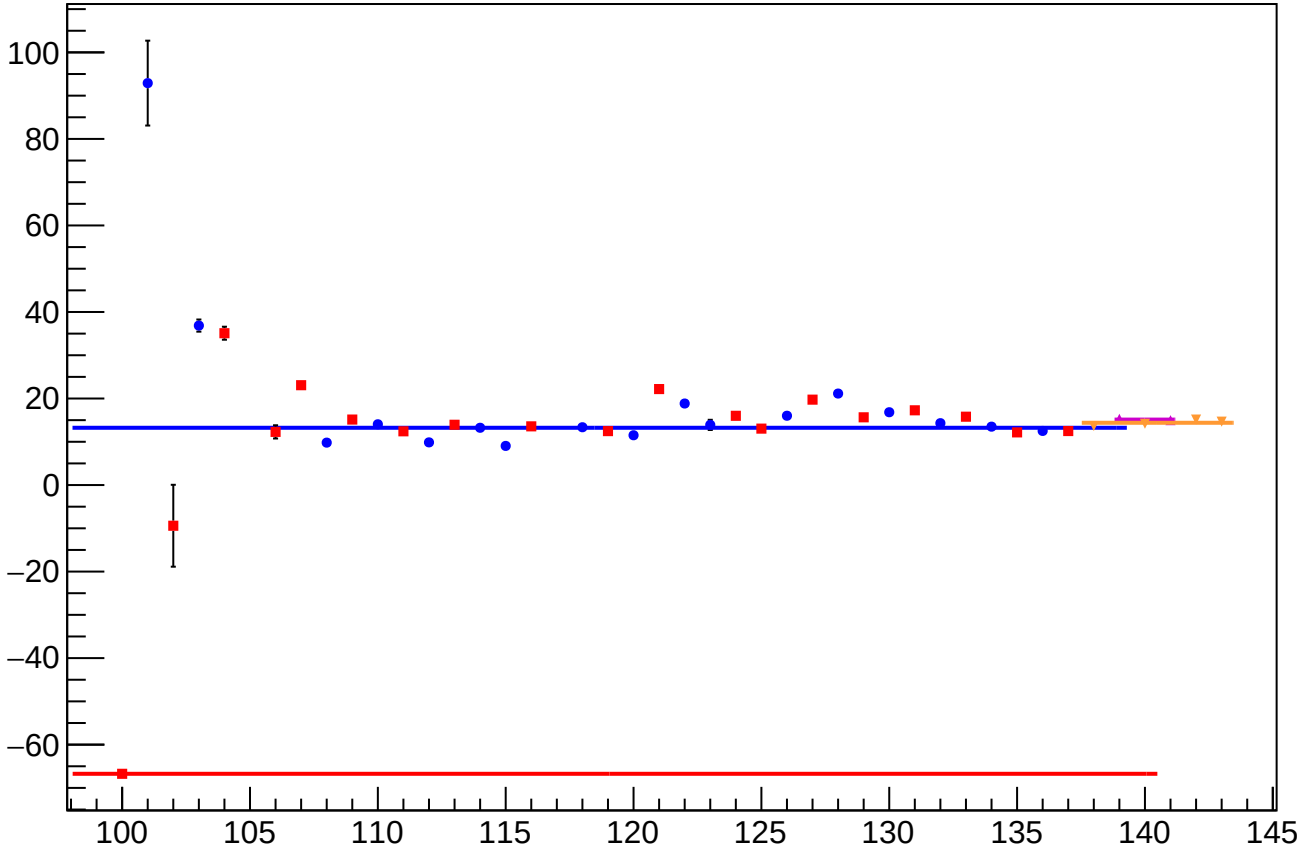
Left In: -34.804+/-0.045 χ^2/NDF:4752.6/1

+ sign -32.955+/-0.024 χ^2/NDF: 109907.0/20

All: -30.881+/-0.018 χ^2/NDF: 586155.8/41

- sign -27.743+/-0.029 χ^2/NDF: 456935.2/20

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 14.393+/-0.038 χ^2/NDF:102.8/3

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

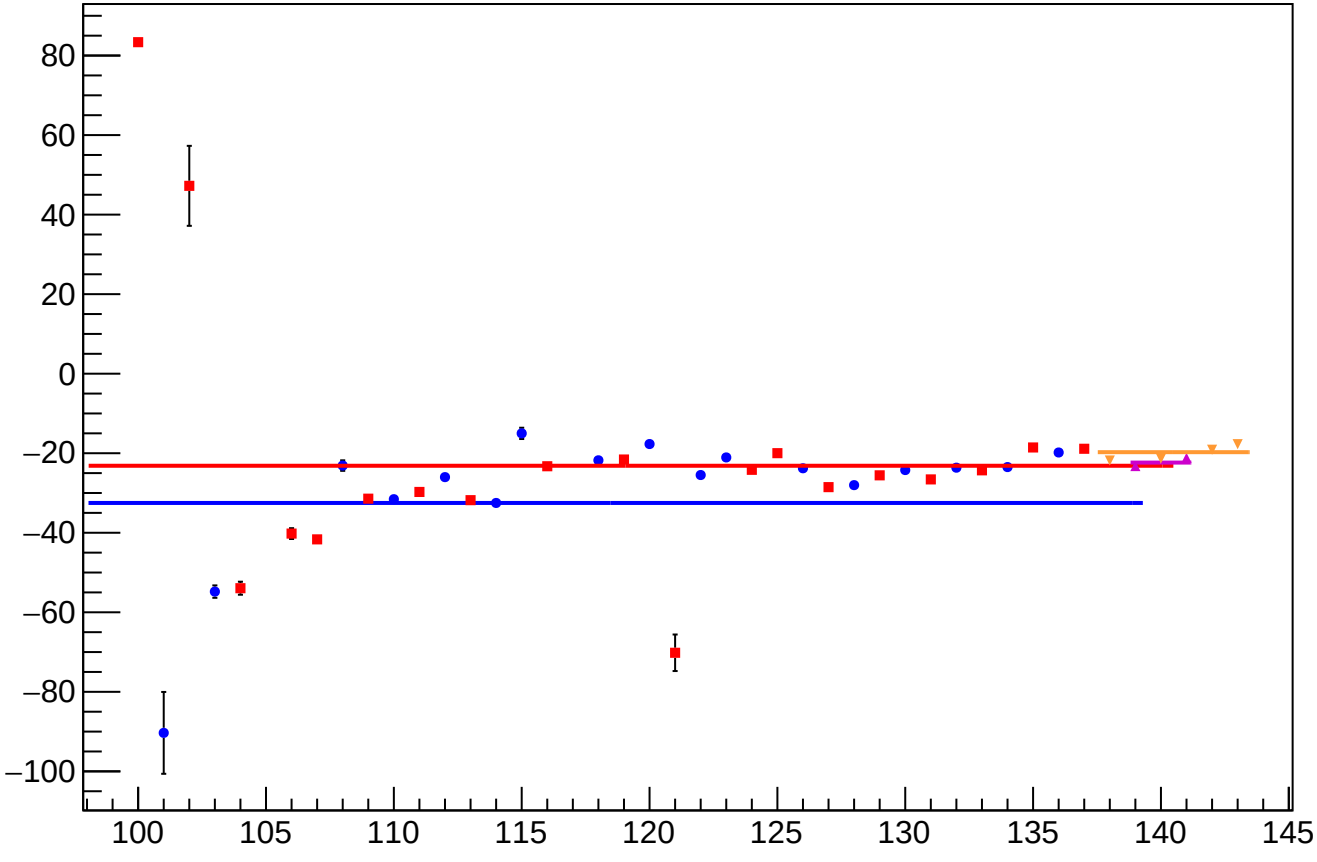
Left In: 15.129+/-0.046 χ^2/NDF:11.4/1

+ sign 13.238+/-0.000 χ^2/NDF: 6768.0/20

All: 12.562+/-0.000 χ^2/NDF: 1884310027651

- sign -66.739+/-0.000 χ^2/NDF: 6169149.9/20

dit_atr1_4eY_slope vs Slug



Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -19.735+/-0.045 χ^2/NDF:1613.5/3

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

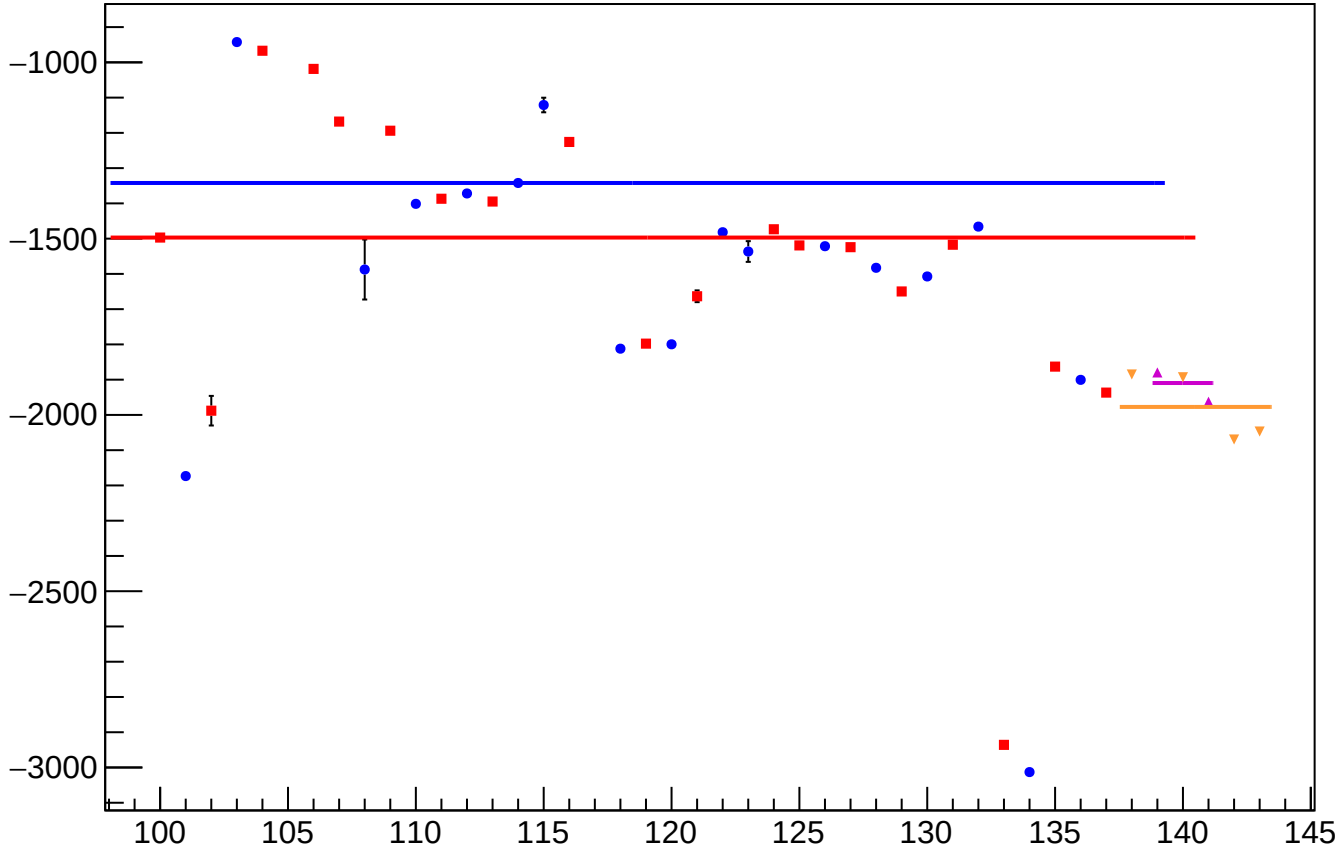
Left In: -22.353+/-0.076 χ^2/NDF:180.1/1

+ sign -32.504+/-0.000 χ^2/NDF: 156018.5/20

All: -32.504+/-0.000 χ^2/NDF: 303235.9/41

- sign -22.927+/-0.040 χ^2/NDF: 91008.3/20

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1977.330+/-1.129 χ^2/NDF:5317.8/3

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

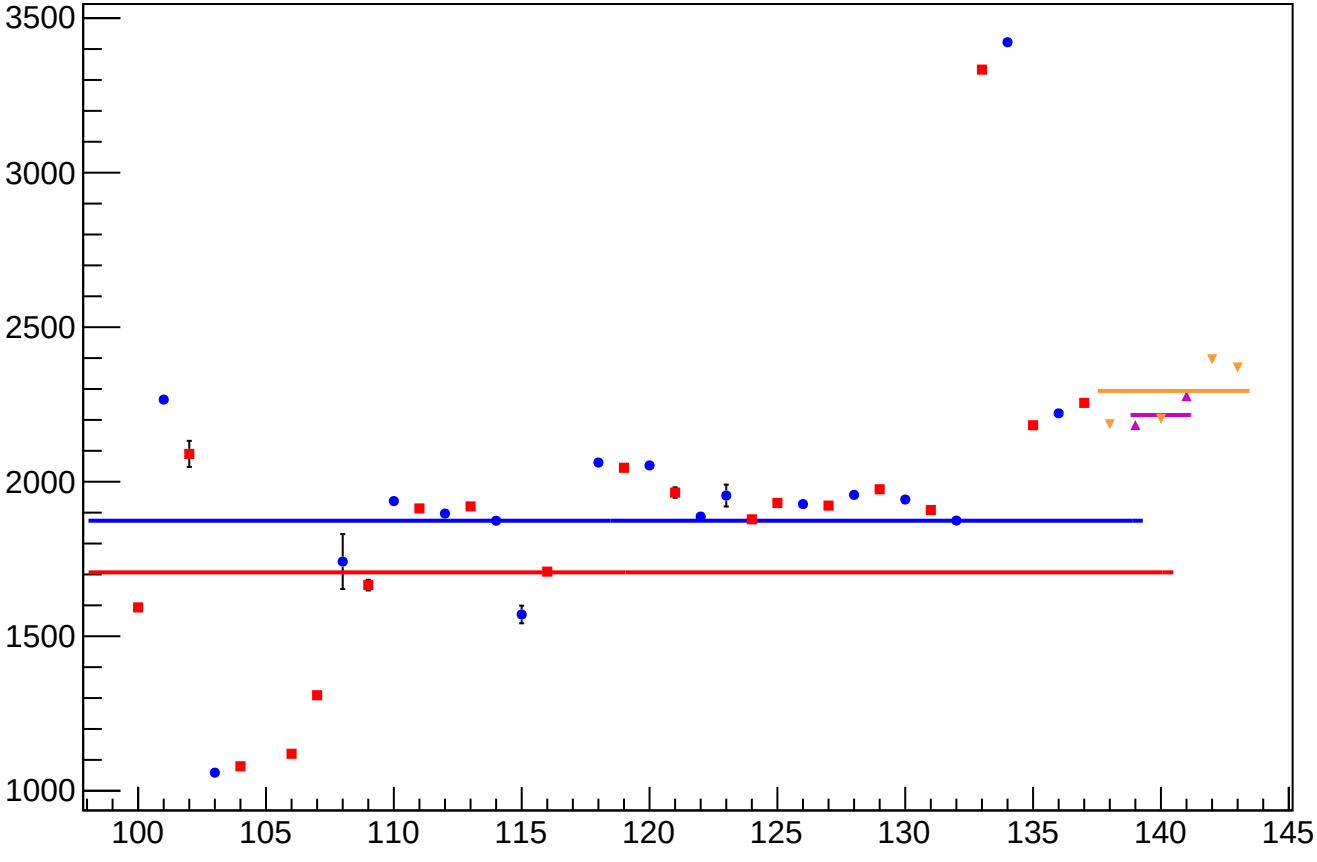
Left In: -1909.495+/-0.886 χ^2/NDF:2027.2/1

+ sign -1342.107+/-0.000 χ^2/NDF: 692977.8/20

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

- sign -1496.932+/-0.000 χ^2/NDF: 723636.6/20

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2293.712+/-1.182 χ^2/NDF:6000.3/3

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

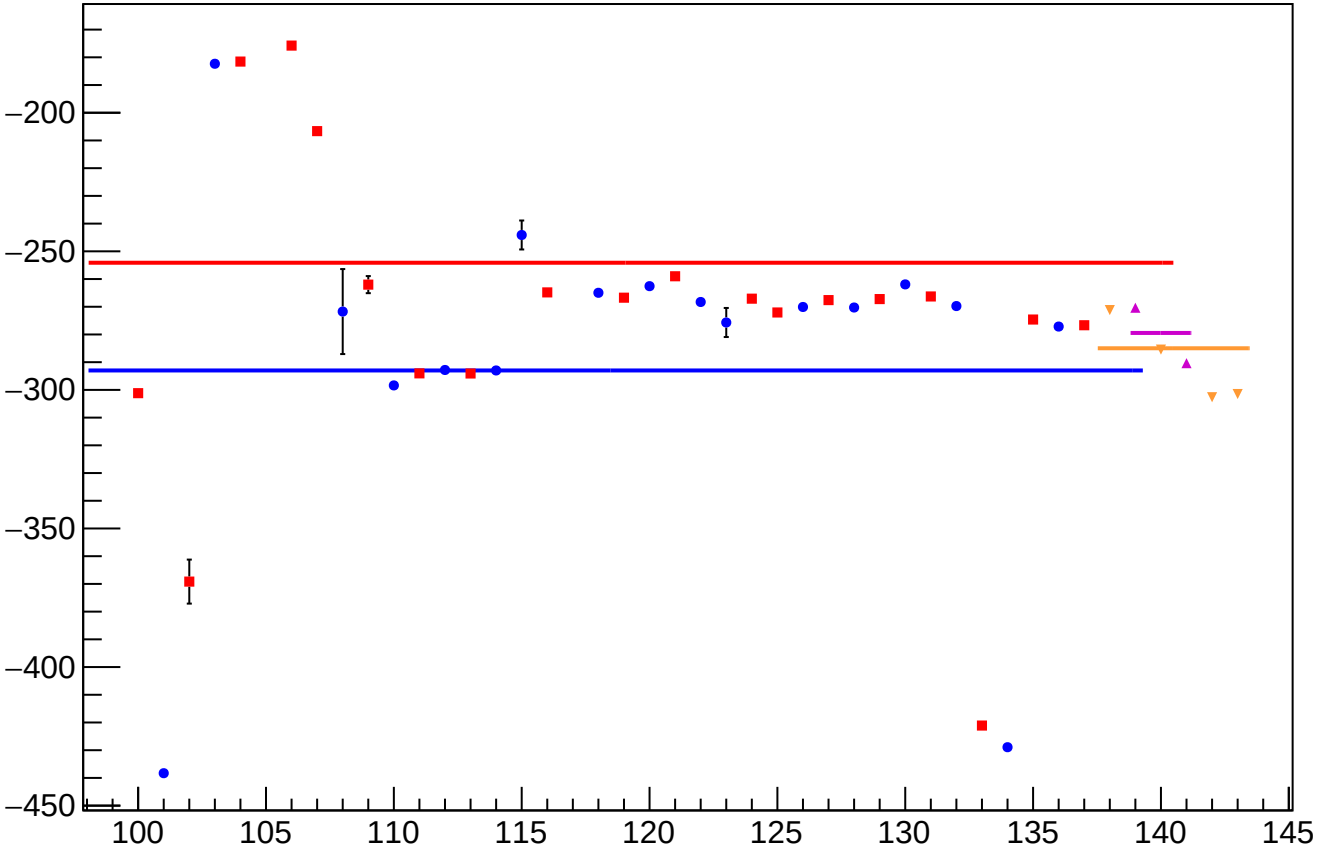
Left In: 2215.816+/-0.905 χ^2/NDF:2440.9/1

+ sign 1873.852+/-0.000 χ^2/NDF: 333763.0/20

All: 1873.852+/-0.000 χ^2/NDF: 1622302.0/41

- sign 1757.860+/-0.287 χ^2/NDF: 1124979.9/20

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -284.980+/-0.074 χ^2/NDF:35704.2/3

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

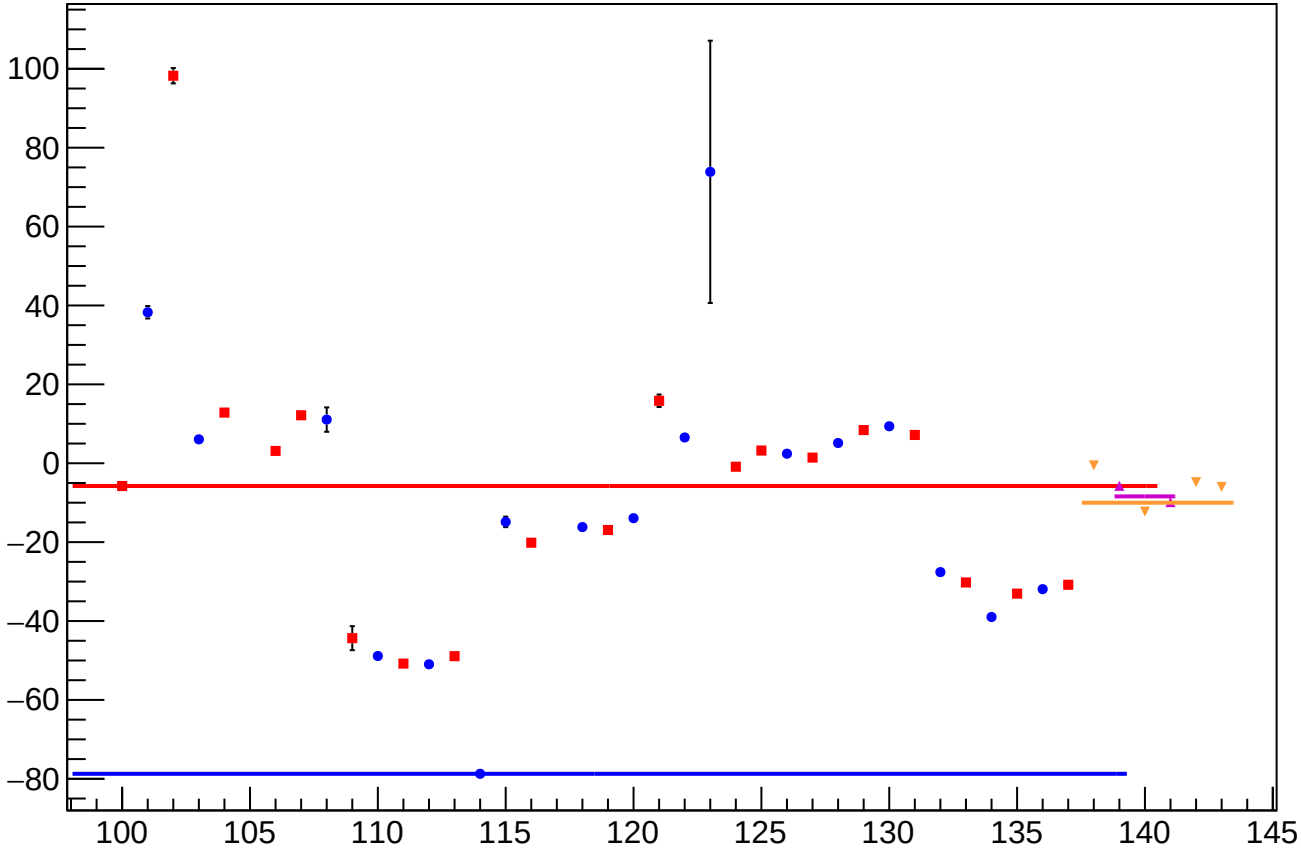
Left In: -279.451+/-0.062 χ^2/NDF:25481.7/1

+ sign -292.986+/-0.000 χ^2/NDF: 1063040.7/20

All: -292.986+/-0.000 χ^2/NDF: 2072186.8/41

- sign -266.073+/-0.043 χ^2/NDF: 615134.9/20

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -10.000+/-0.074 χ^2/NDF:2502.5/3

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

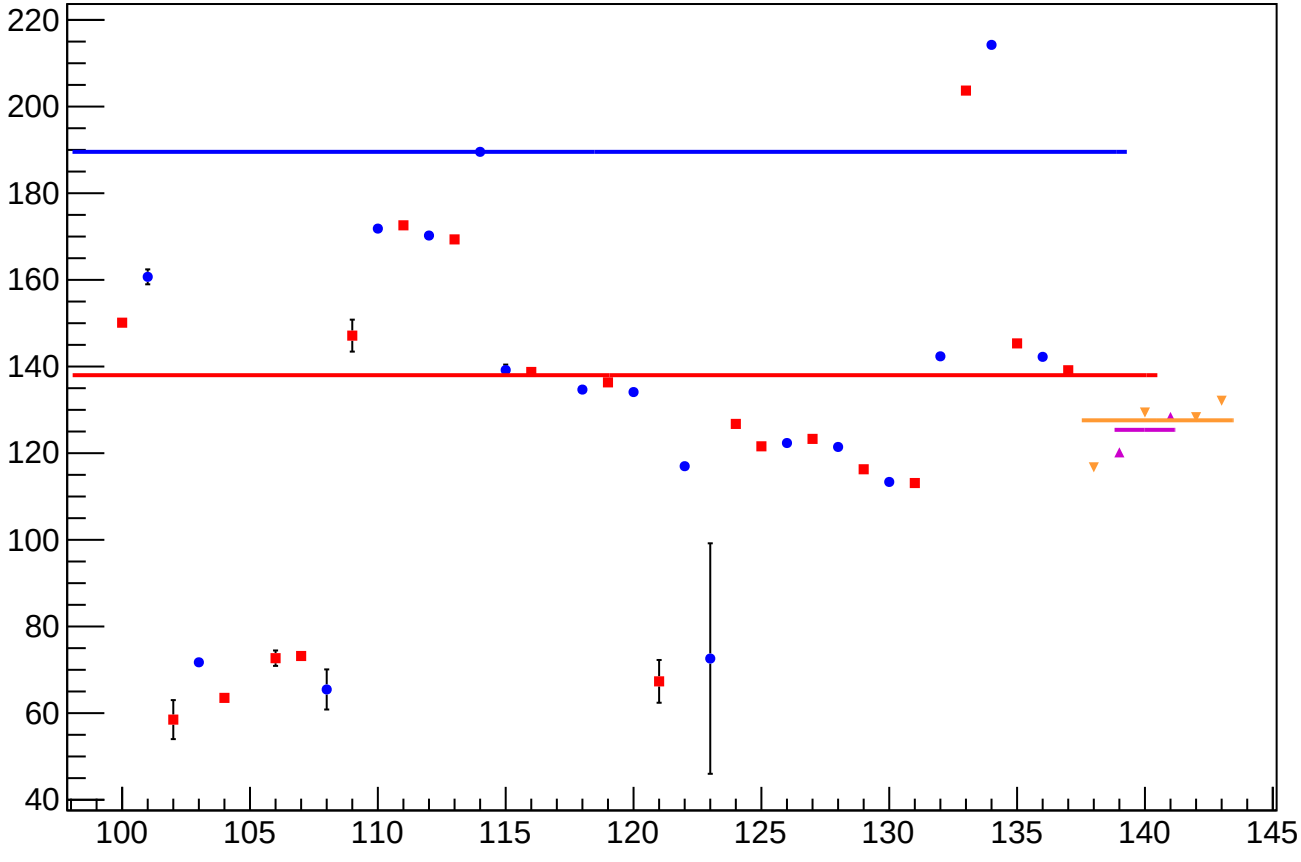
Left In: -8.399+/-0.065 χ^2/NDF:915.8/1

+ sign -78.728+/-0.000 χ^2/NDF: 2273736.3/20

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

- sign -5.769+/-0.000 χ^2/NDF: 114114.4/20

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 127.586+/-0.095 χ^2/NDF:2863.9/3

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

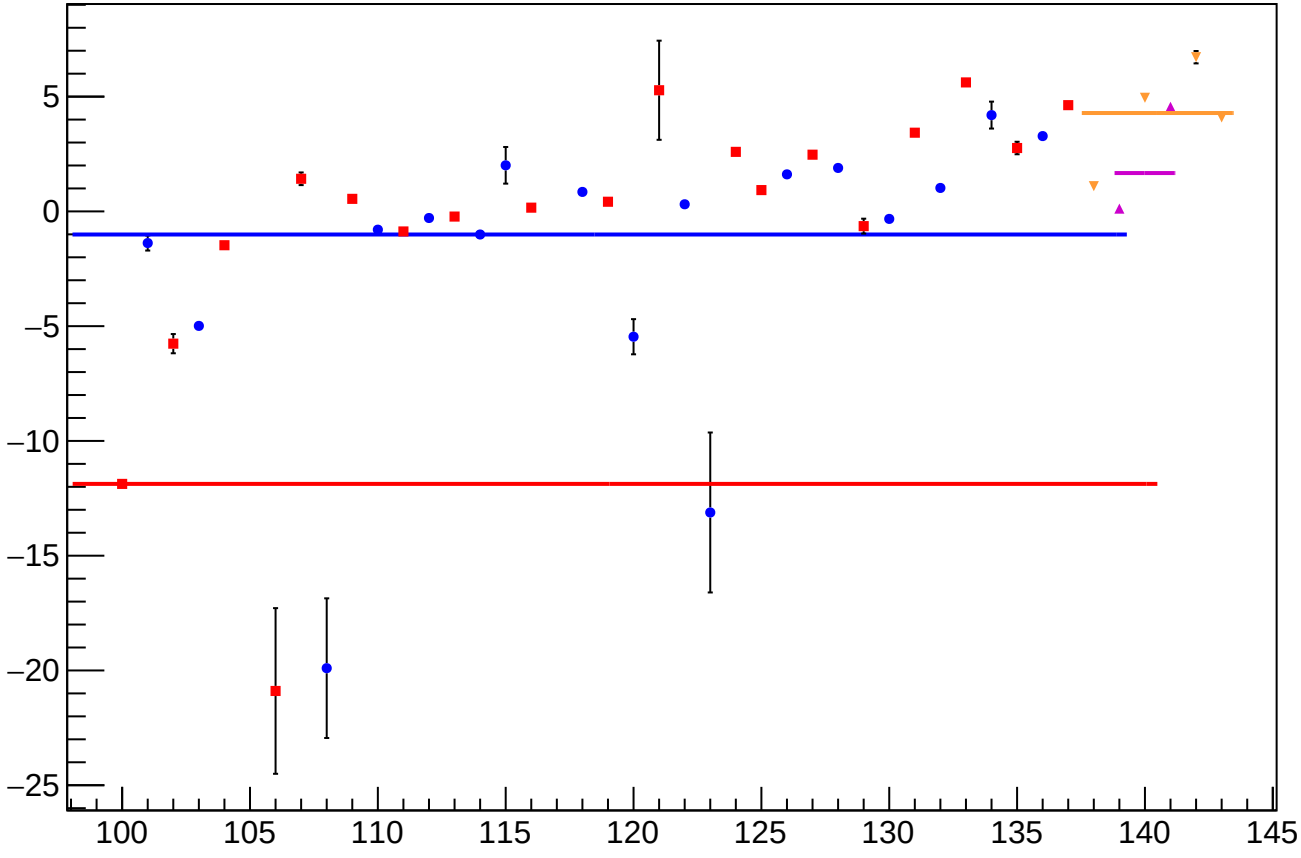
Left In: 125.387+/-0.067 χ^2/NDF:3408.4/1

+ sign 189.551+/-0.000 χ^2/NDF: 1360162.1/20

All: 189.551+/-0.000 χ^2/NDF: 3149550.4/41

- sign 132.520+/-0.044 χ^2/NDF: 140586.8/20

dit_sam1_4aX_slope vs Slug



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 4.286+/-0.070 χ^2/NDF:389.5/3

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

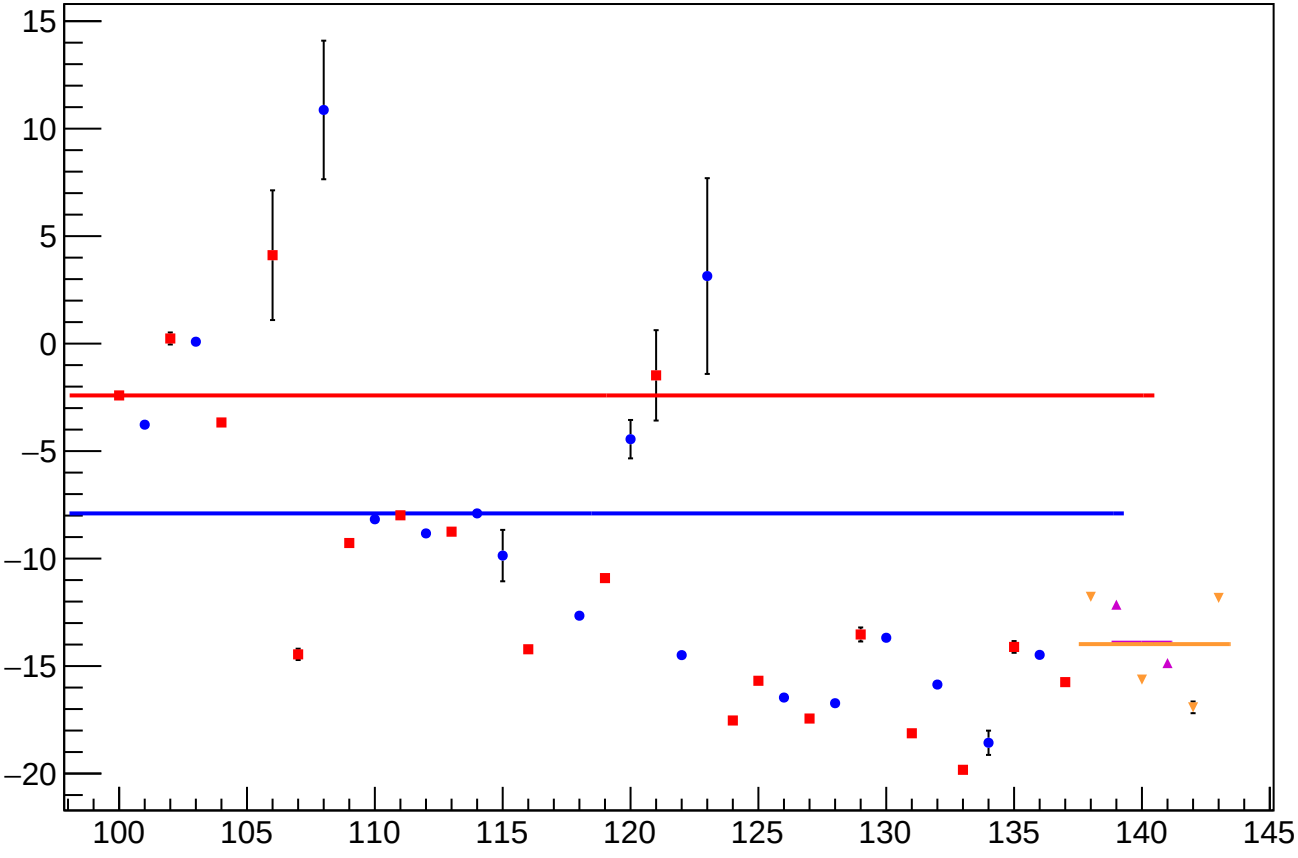
Left In: 1.670+/-0.053 χ^2/NDF:1575.8/1

+ sign -1.007+/-0.000 χ^2/NDF: 13202.7/20

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

- sign -11.872+/-0.000 χ^2/NDF: 569816.4/20

dit_sam1_4eX_slope vs Slug



Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -13.979+/-0.069 χ^2/NDF:834.7/3

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

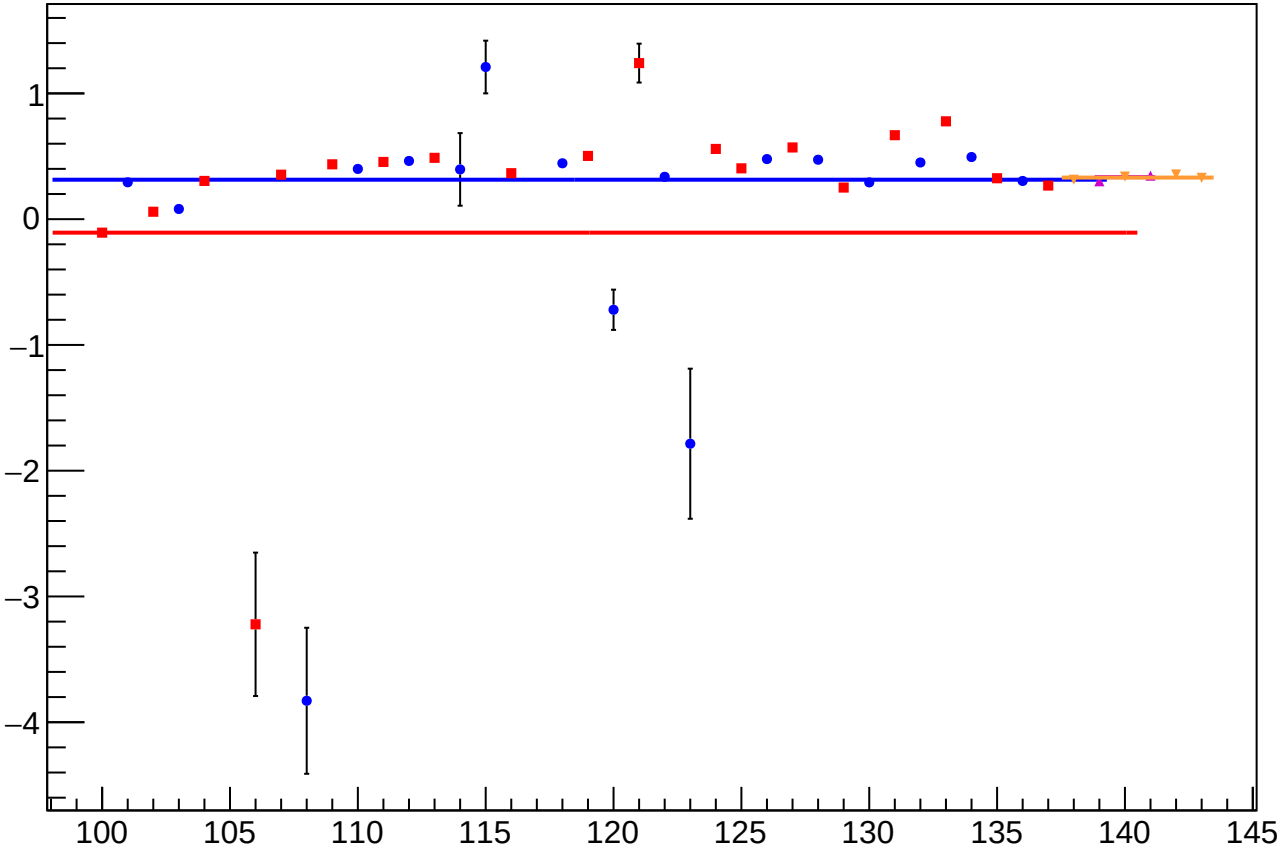
Left In: -13.912+/-0.071 χ^2/NDF:333.5/1

+ sign -7.899+/-0.000 χ^2/NDF: 47998.6/20

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

- sign -2.410+/-0.000 χ^2/NDF: 229673.6/20

dit_sam1_11X12X_slope vs Slug



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.331+/-0.001 χ^2/NDF:230.3/3

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

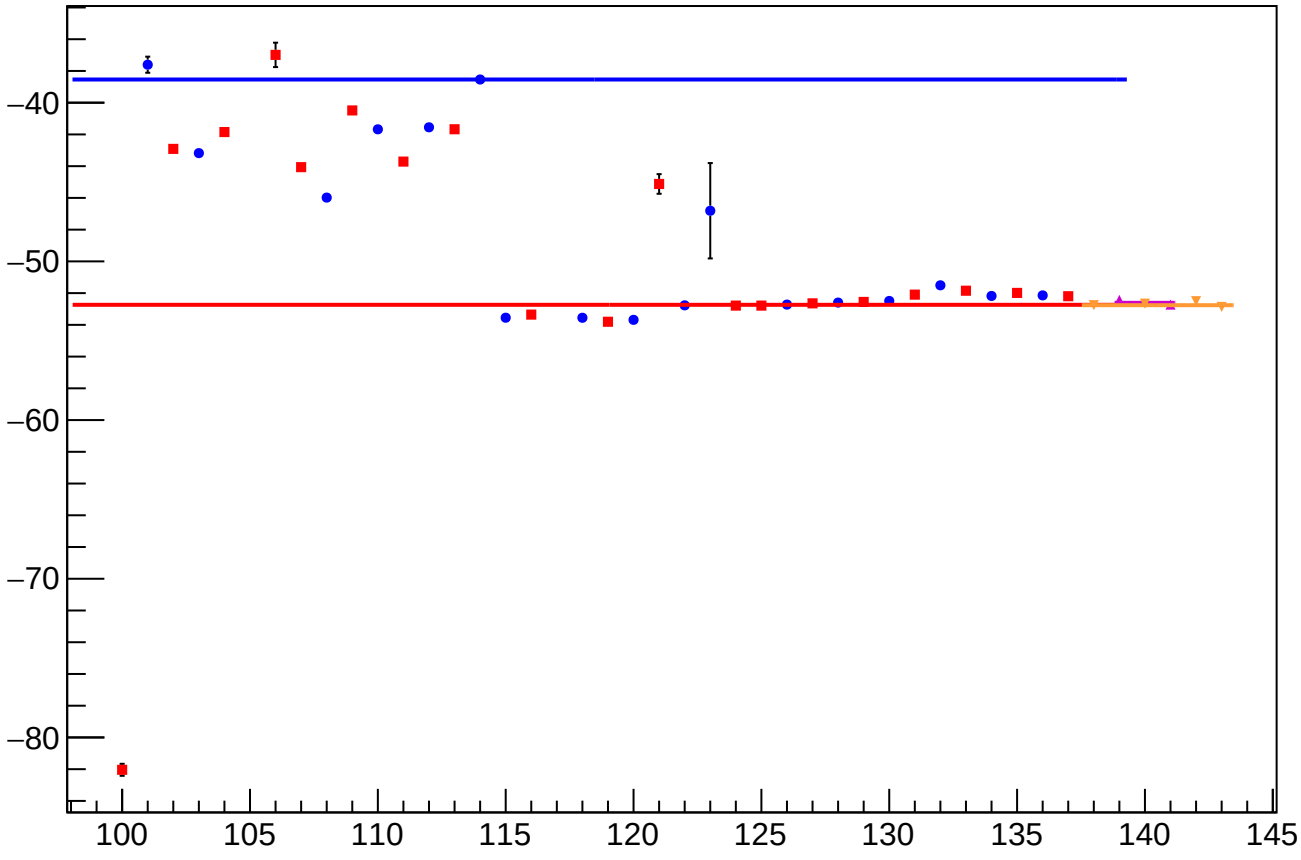
Left In: 0.334+/-0.001 χ^2/NDF:256.2/1

+ sign 0.324+/-0.001 χ^2/NDF: 3161.6/20

All: -0.107+/-0.000 χ^2/NDF: 856166.3/41

- sign -0.107+/-0.000 χ^2/NDF: 350345.8/20

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -52.761+/-0.005 χ^2/NDF:505.2/3

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

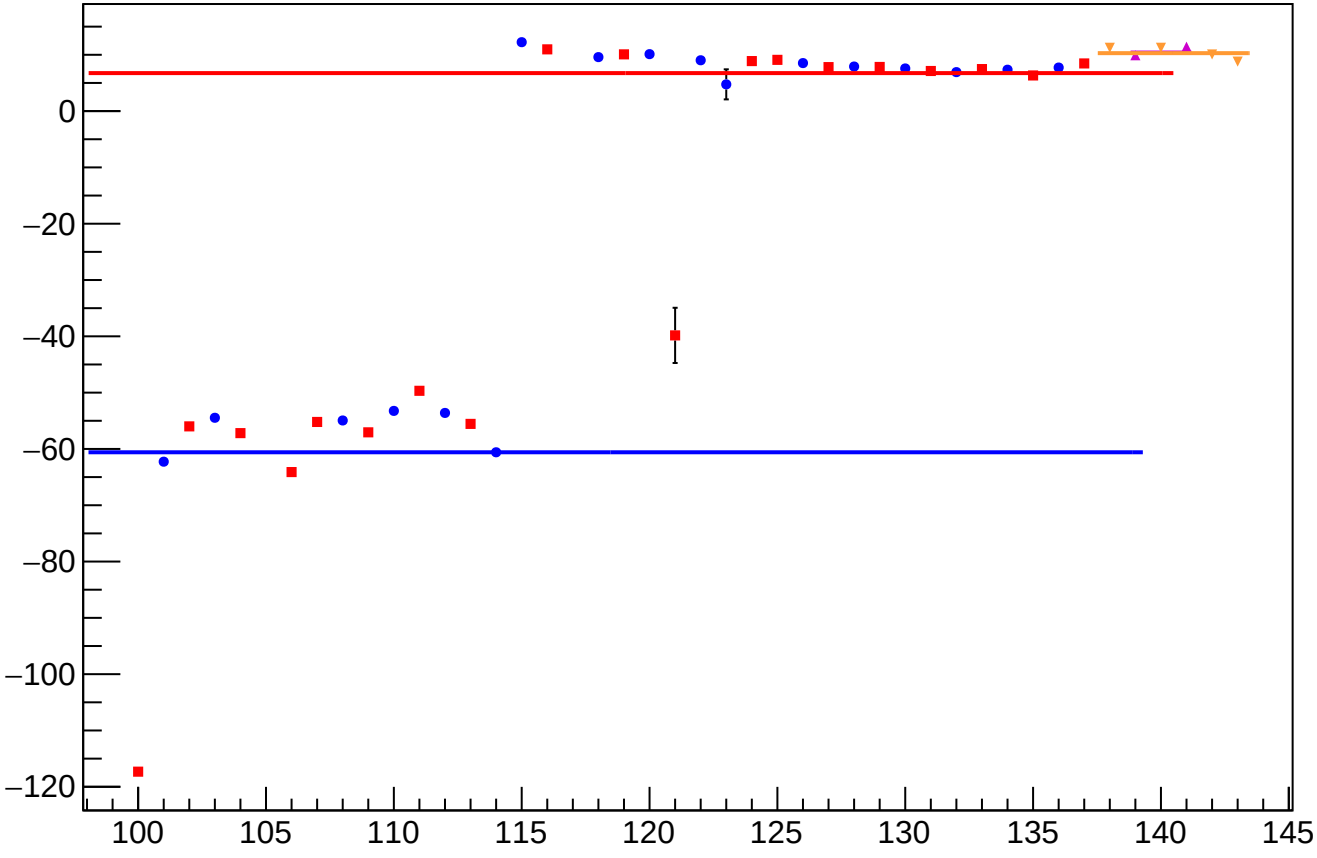
Left In: -52.612+/-0.007 χ^2/NDF:419.7/1

+ sign -38.539+/-0.000 χ^2/NDF: 22126799.1/20

All: -38.539+/-0.000 χ^2/NDF: 83345938.8/41

- sign -52.728+/-0.002 χ^2/NDF: 88149.1/20

dit_sam1_4eY_slope vs Slug



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 10.291+/-0.014 χ^2/NDF:5288.3/3

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

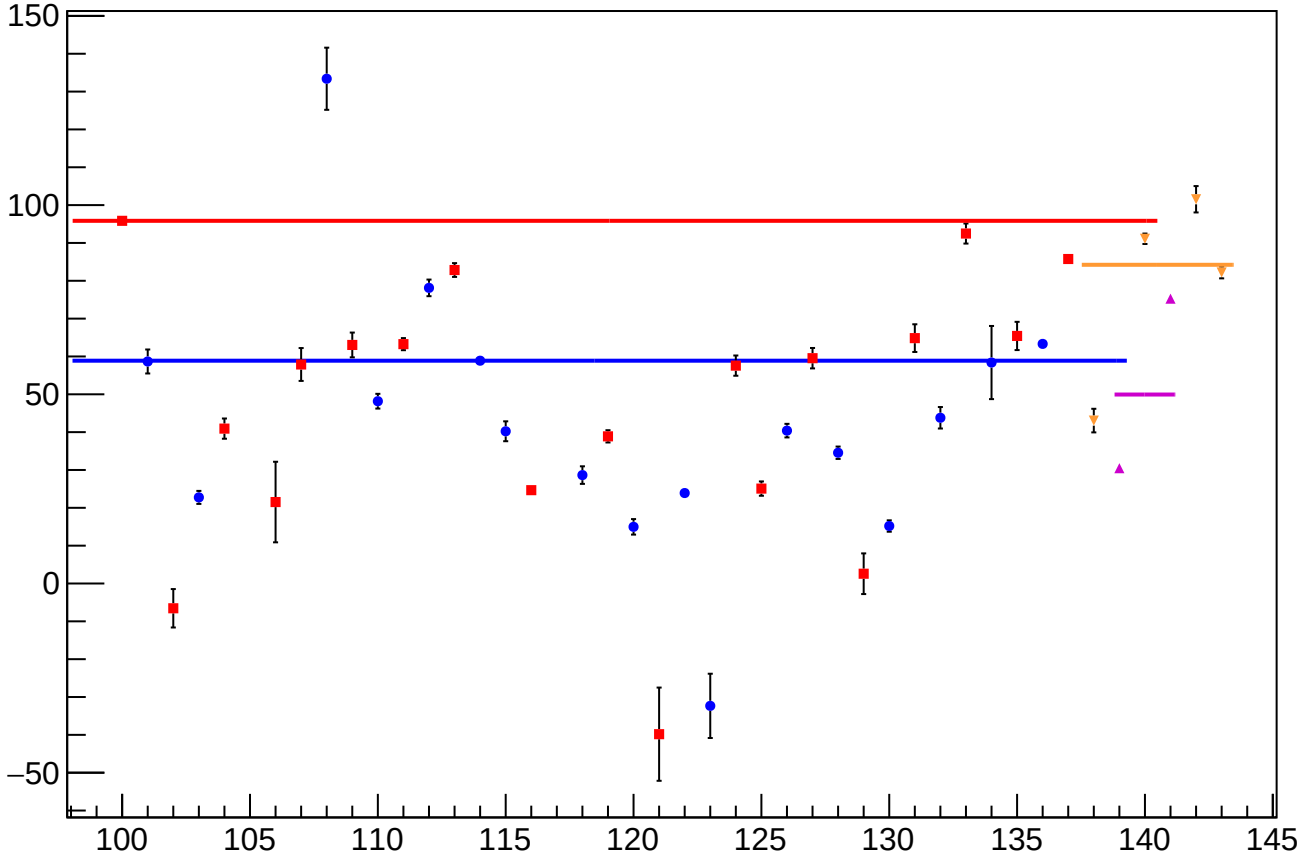
Left In: 10.401+/-0.019 χ^2/NDF:1451.5/1

+ sign -60.594+/-0.000 χ^2/NDF: 50942618.0/20

All: -60.594+/-0.000 χ^2/NDF: 104212615.2/4

- sign 7.699+/-0.009 χ^2/NDF: 1296662.4/20

dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 84.225+/-0.945 χ^2/NDF:225.7/3

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

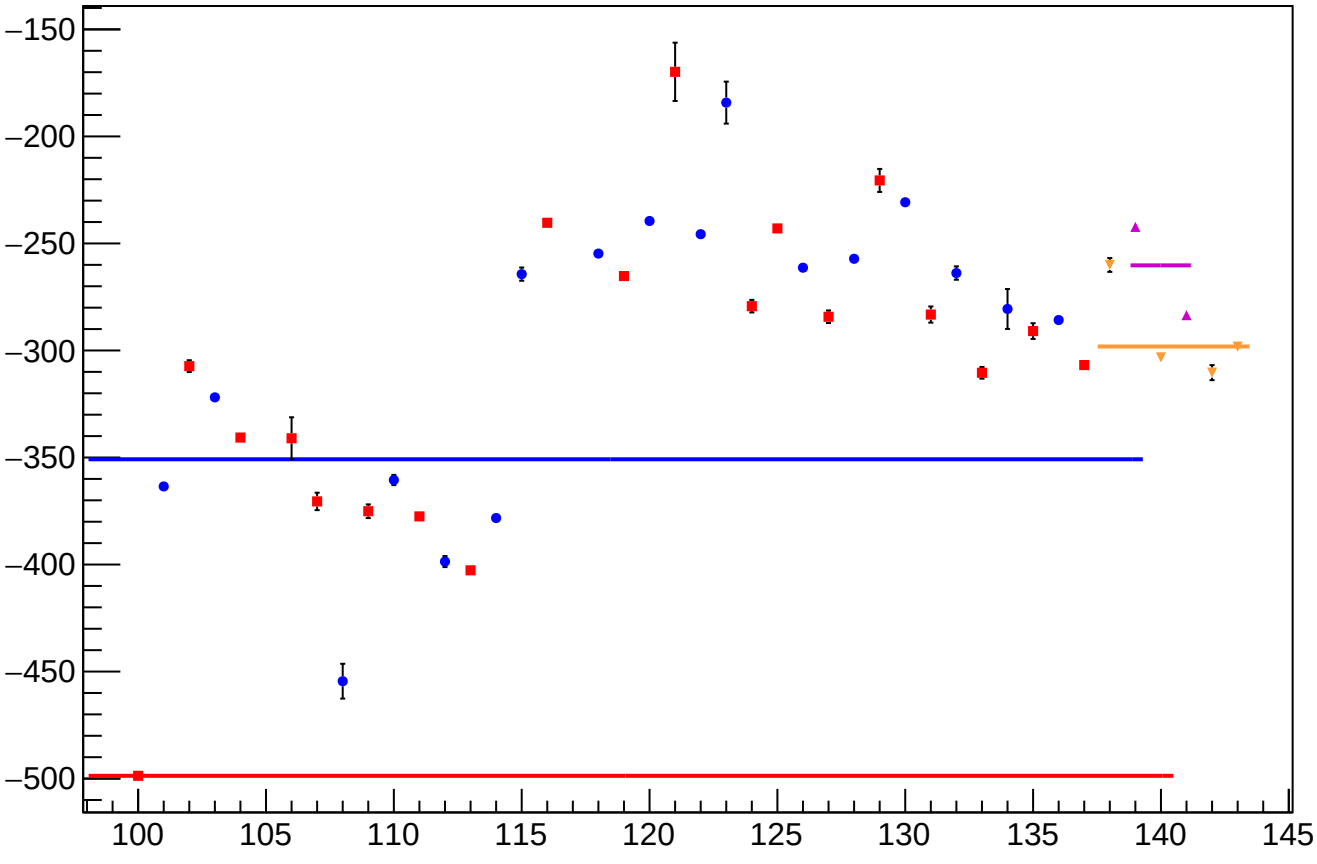
Left In: 49.939+/-0.741 χ^2/NDF:899.4/1

+ sign 58.880+/-0.000 χ^2/NDF: 4759.9/20

All: 60.098+/-0.000 χ^2/NDF: 981523394566

- sign 95.846+/-0.000 χ^2/NDF: 44127.5/20

dit_sam2_4eX_slope vs Slug



Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -298.141+/-0.949 χ^2/NDF:164.6/3

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

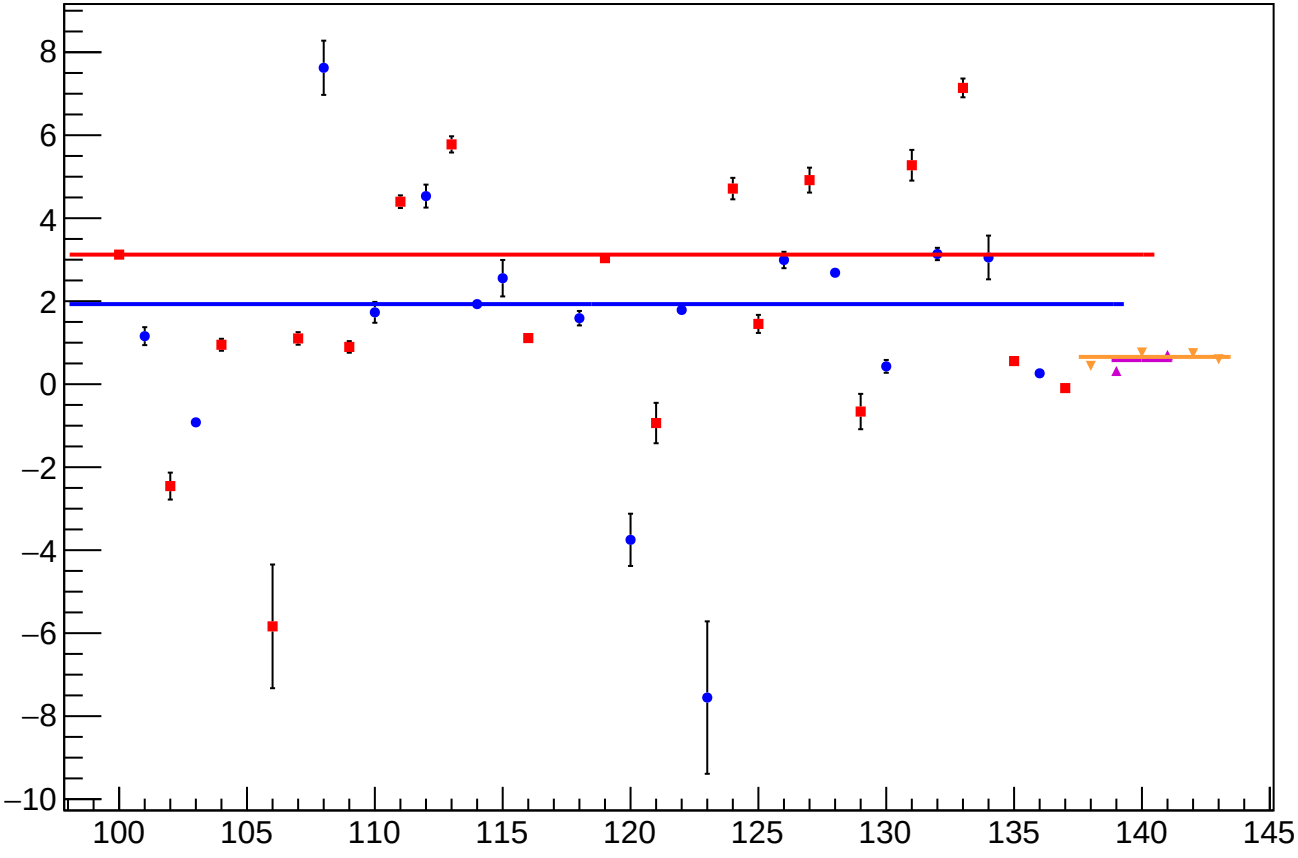
Left In: -260.236+/-0.729 χ^2/NDF:786.0/1

+ sign -347.555+/-0.237 χ^2/NDF: 44354.2/20

All: -498.692+/-0.000 χ^2/NDF: 1071254.3/41

- sign -498.692+/-0.000 χ^2/NDF: 619559.3/20

dit_sam2_11X12X_slope vs Slug



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.657+/-0.006 χ^2/NDF:314.2/3

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

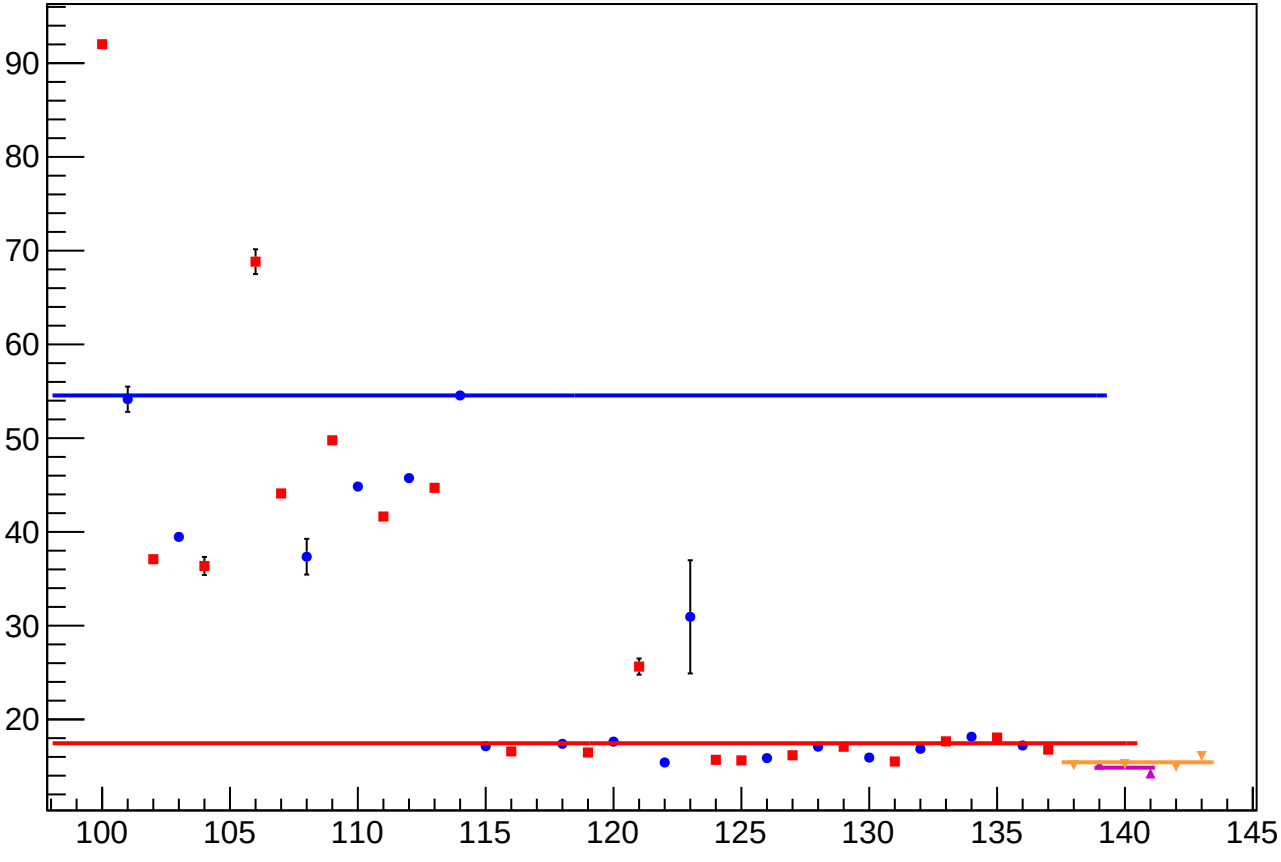
Left In: 0.580+/-0.005 χ^2/NDF:1396.7/1

+ sign 1.930+/-0.000 χ^2/NDF: 109491.3/20

All: 2.073+/-0.000 χ^2/NDF: 3809953457808

- sign 3.123+/-0.000 χ^2/NDF: 792125.0/20

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 15.428+/-0.017 χ^2/NDF:630.5/3

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

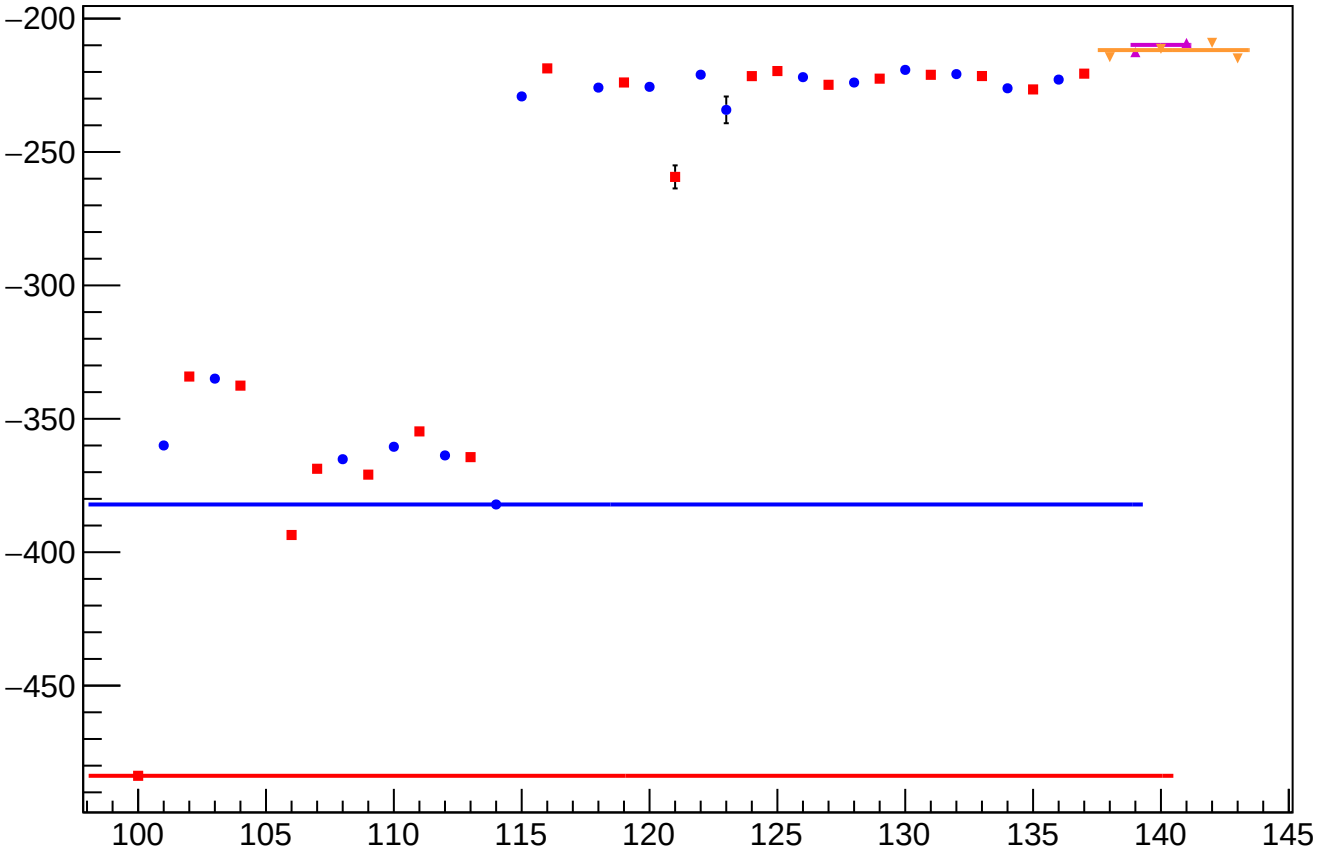
Left In: 14.854+/-0.023 χ^2/NDF:383.1/1

+ sign 54.556+/-0.000 χ^2/NDF: 12296993.5/20

All: 54.556+/-0.000 χ^2/NDF: 19423415.8/41

- sign 16.464+/-0.014 χ^2/NDF: 107436.3/20

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -211.808+/-0.040 χ^2/NDF:3353.3/3

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

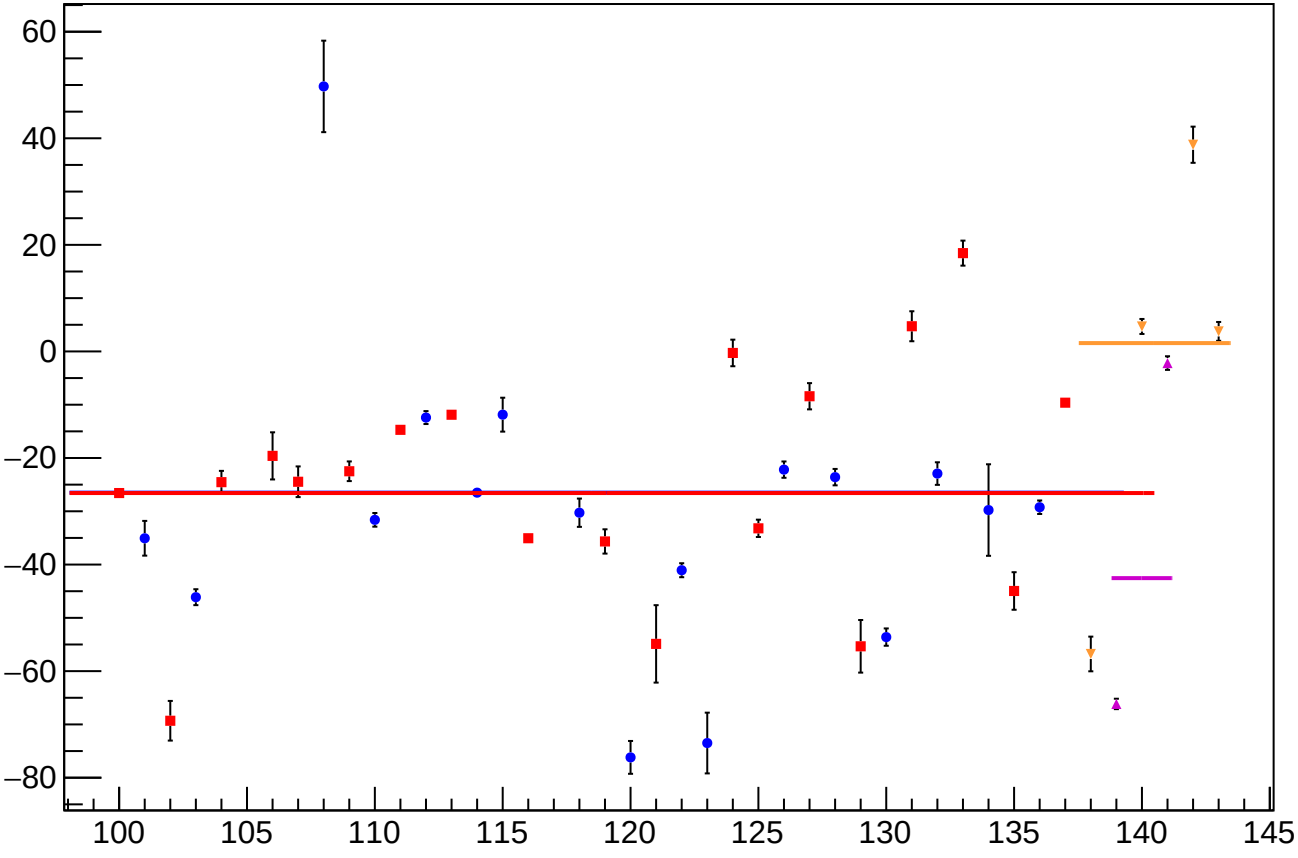
Left In: -209.857+/-0.043 χ^2/NDF:1068.7/1

+ sign -382.108+/-0.000 χ^2/NDF: 36331445.3/20

All: -417.999+/-0.000 χ^2/NDF: 12425488813

- sign -483.800+/-0.000 χ^2/NDF: 64095686.4/20

dit_sam3_4aX_slope vs Slug



Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: 1.565+/-0.997 χ^2/NDF:448.1/3

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

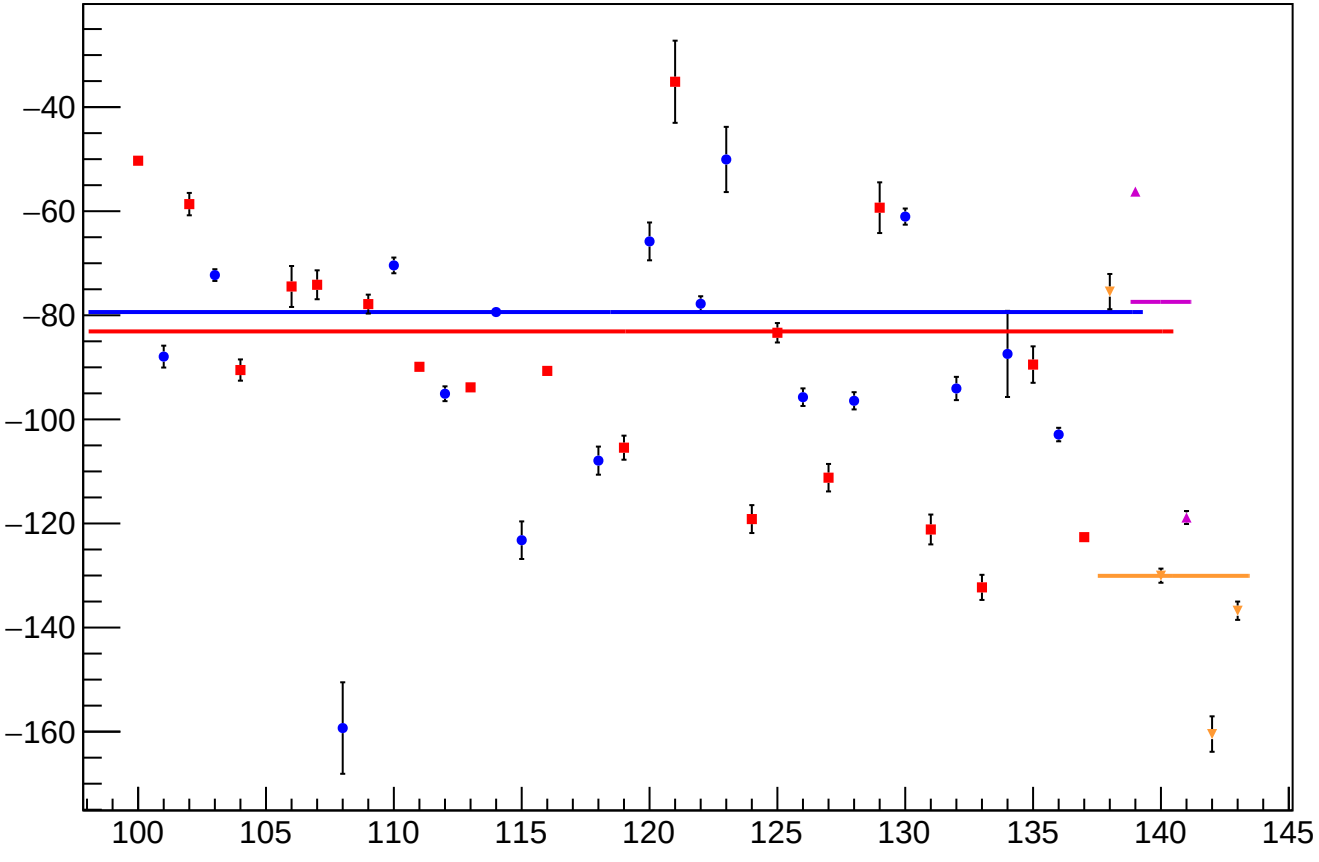
Left In: -42.545+/-0.777 χ^2/NDF:1579.6/1

+ sign -26.504+/-0.000 χ^2/NDF: 2421.7/20

All: -26.530+/-0.000 χ^2/NDF: 412159279654

- sign -26.577+/-0.000 χ^2/NDF: 4643.2/20

dit_sam3_4eX_slope vs Slug



Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -130.062+/-0.982 χ^2/NDF:354.6/3

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

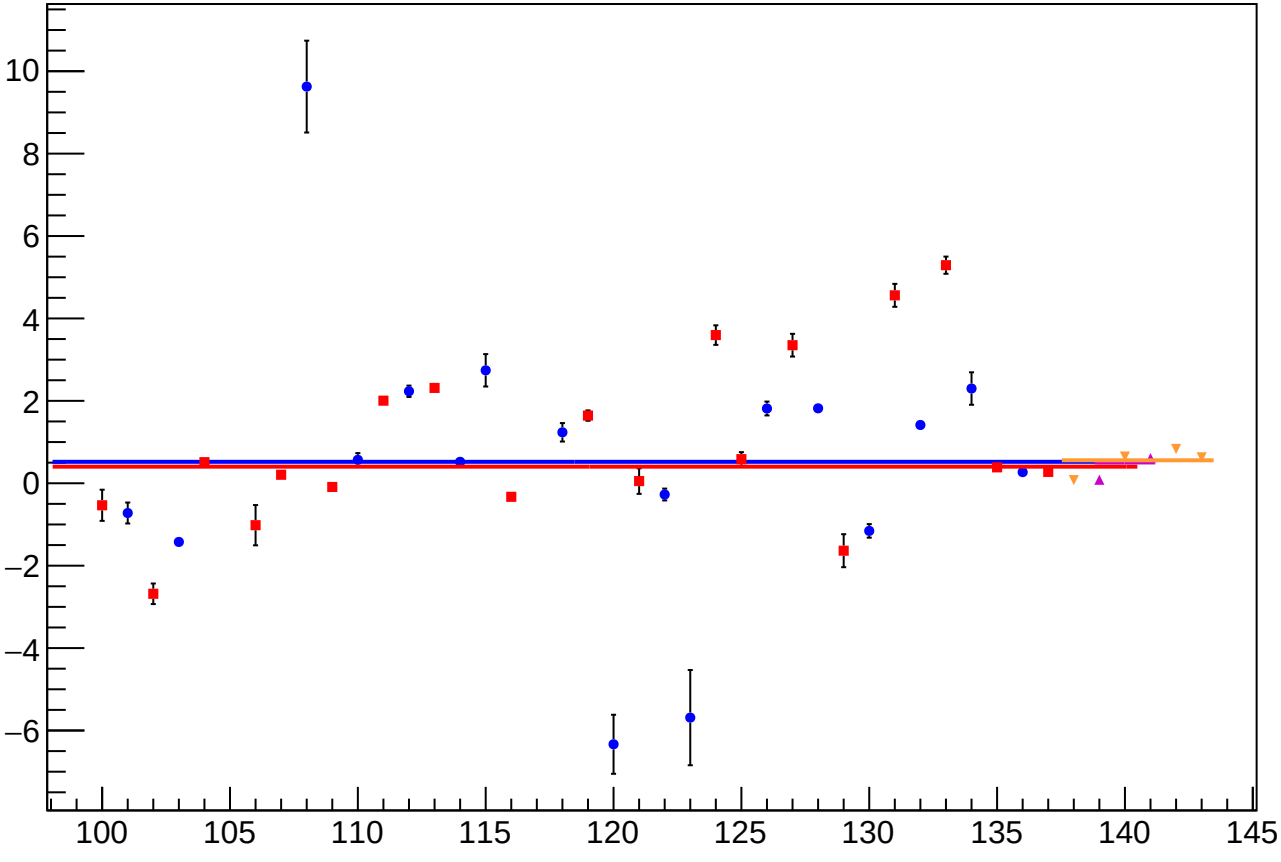
Left In: -77.421+/-0.726 χ^2/NDF:1663.9/1

+ sign -79.376+/-0.000 χ^2/NDF: 4325.1/20

All: -79.376+/-0.000 χ^2/NDF: 18348.6/41

- sign -82.777+/-0.173 χ^2/NDF: 13637.4/20

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.558+/-0.007 χ^2/NDF:979.2/3

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

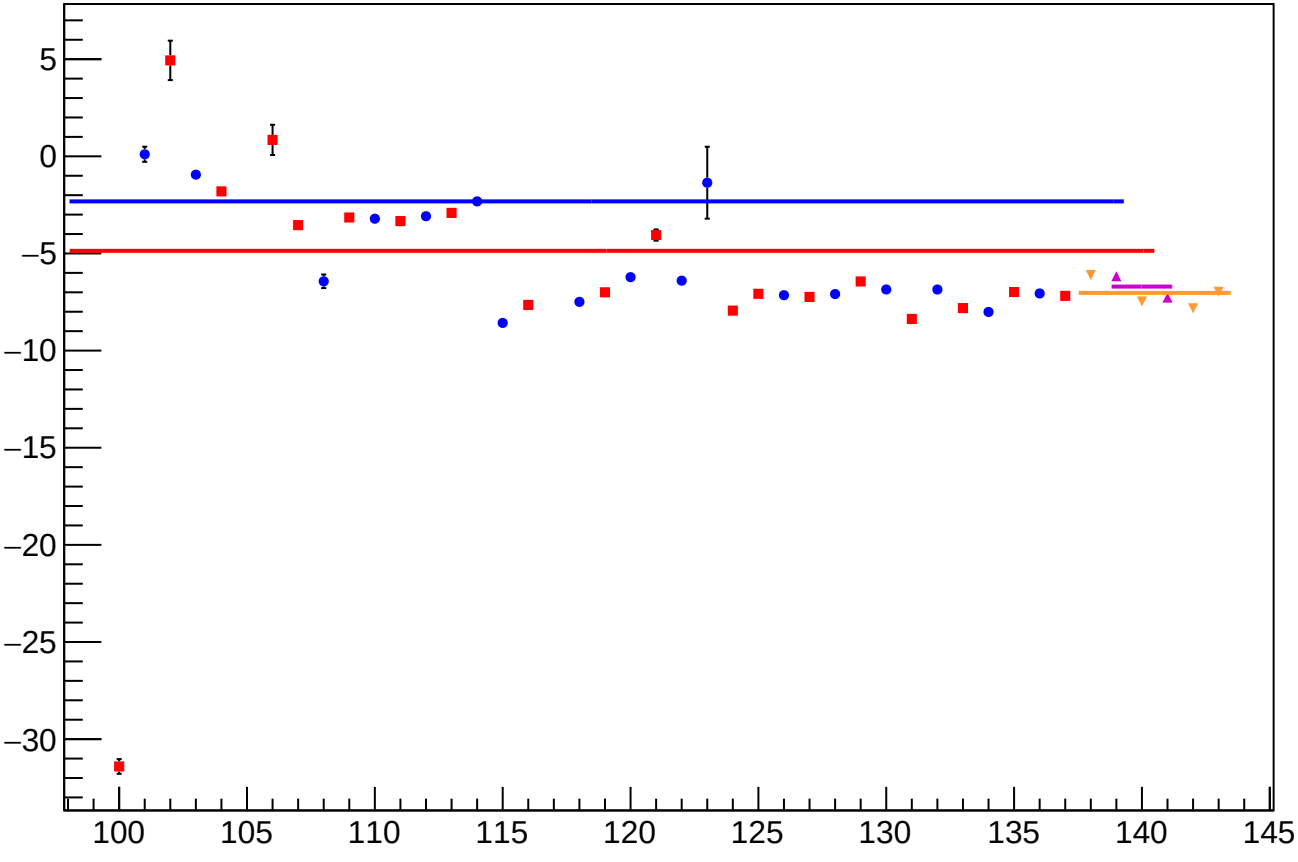
Left In: 0.505+/-0.004 χ^2/NDF:2614.9/1

+ sign 0.521+/-0.000 χ^2/NDF: 4376.4/20

All: 0.521+/-0.000 χ^2/NDF: 9849.9/41

- sign 0.492+/-0.004 χ^2/NDF: 5419.4/20

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -7.030+/-0.016 χ^2/NDF:1092.0/3

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

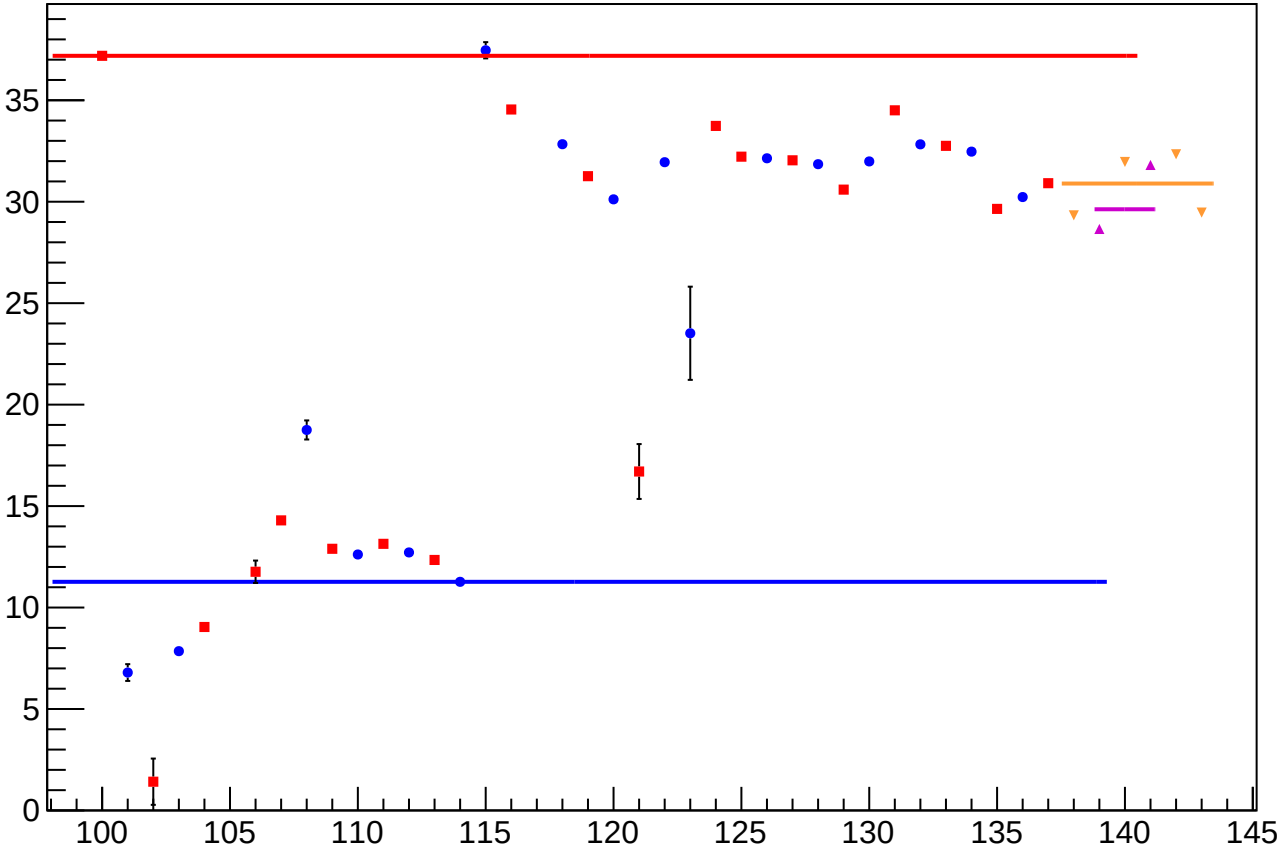
Left In: -6.705+/-0.013 χ^2/NDF:1917.3/1

+ sign -2.320+/-0.000 χ^2/NDF: 355870.3/20

All: -2.320+/-0.000 χ^2/NDF: 590585.8/41

- sign -5.607+/-0.008 χ^2/NDF: 64167.5/20

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 30.896+/-0.035 χ^2/NDF:1391.9/3

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

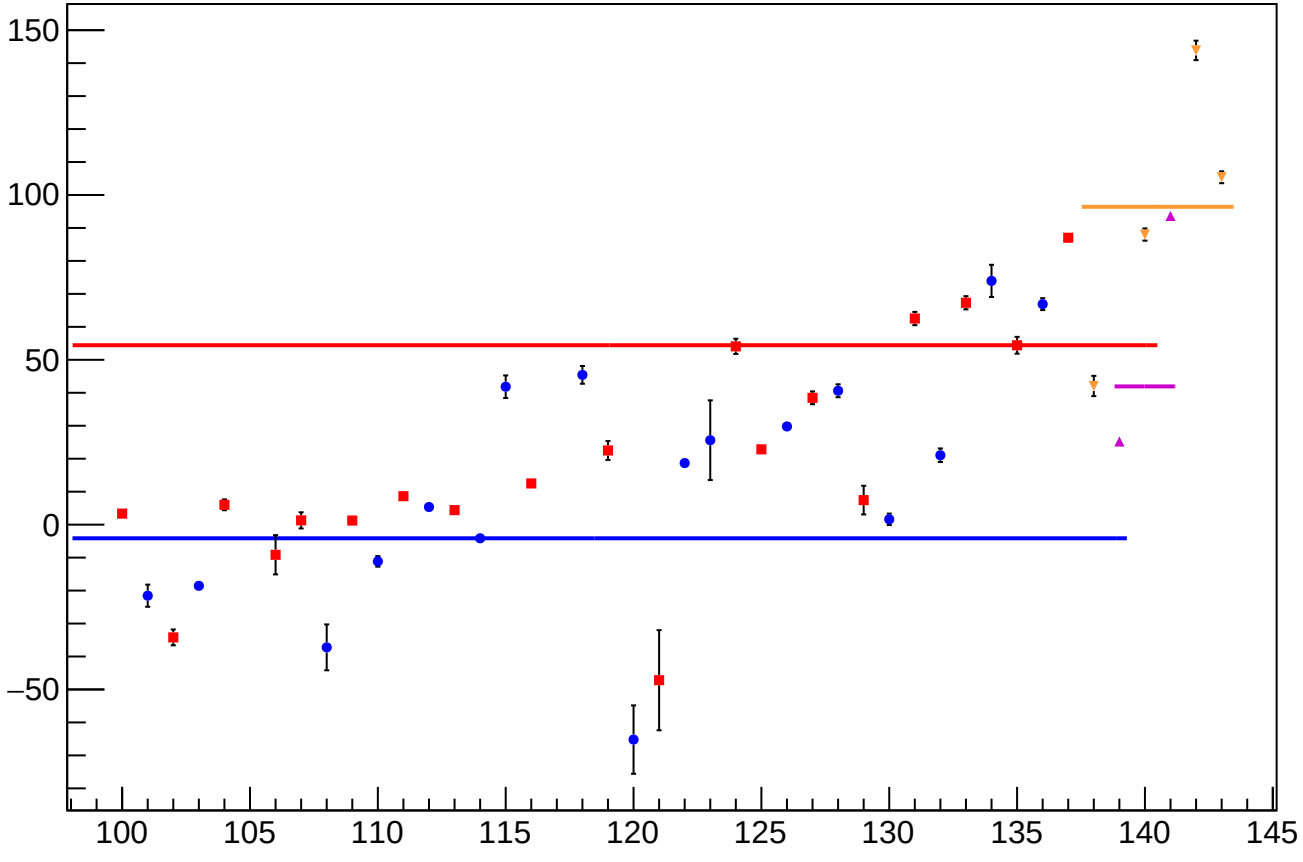
Left In: 29.628+/-0.039 χ^2/NDF:1403.4/1

+ sign 11.268+/-0.000 χ^2/NDF: 1274172.3/20

All: 12.122+/-0.000 χ^2/NDF: 772305569497

- sign 37.191+/-0.000 χ^2/NDF: 1161216.0/20

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 96.416+/-1.106 χ^2/NDF:616.1/3

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

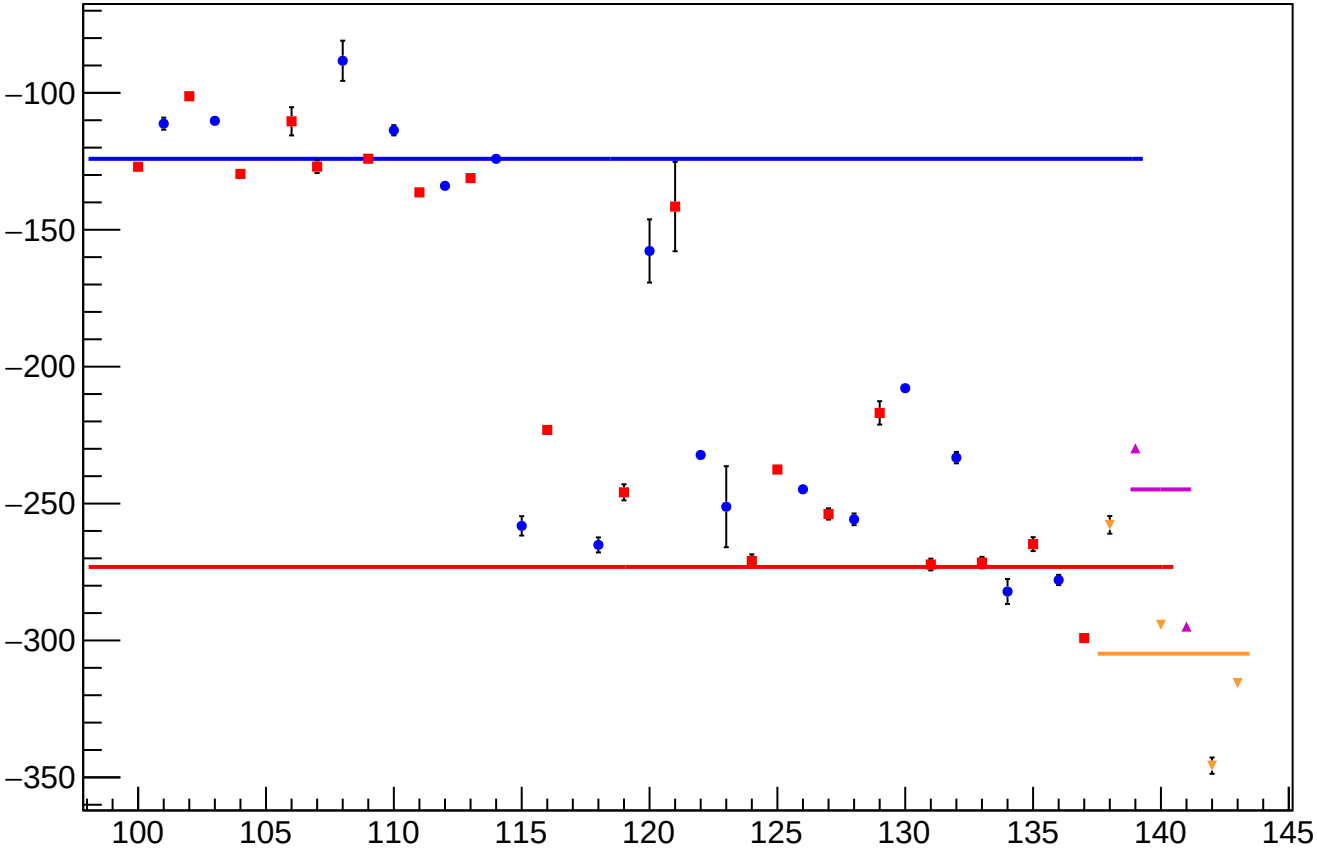
Left In: 41.930+/-0.634 χ^2/NDF:2145.2/1

+ sign -4.139+/-0.000 χ^2/NDF: 13538.1/20

All: -4.139+/-0.000 χ^2/NDF: 193330.6/41

- sign 53.588+/-0.164 χ^2/NDF: 56505.8/20

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -304.840+/-1.102 χ^2/NDF:471.6/3

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

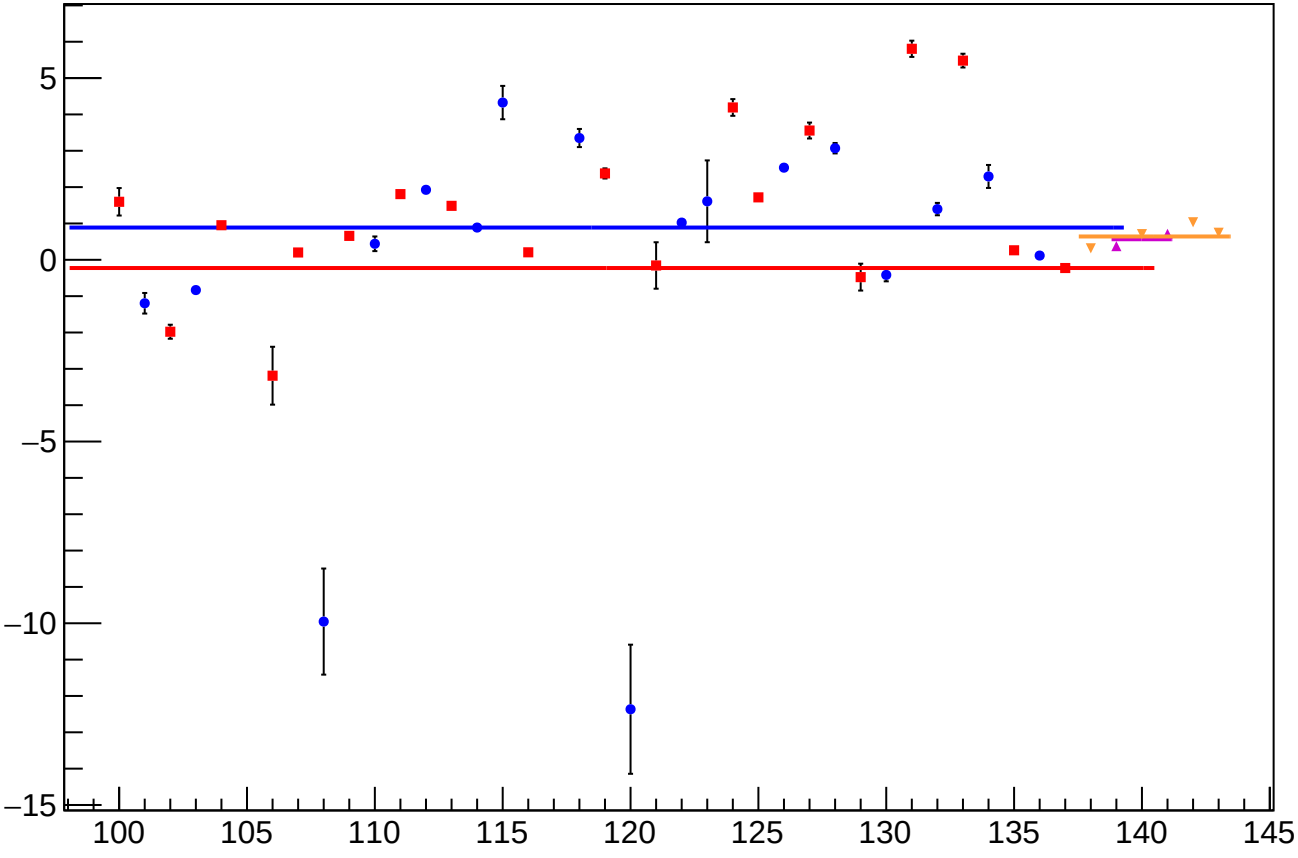
Left In: -244.826+/-0.597 χ^2/NDF:2109.3/1

+ sign -124.095+/-0.000 χ^2/NDF: 65529.6/20

All: -124.095+/-0.000 χ^2/NDF: 2137160.3/41

- sign -272.169+/-0.111 χ^2/NDF: 284423.6/20

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.642+/-0.008 χ^2/NDF:969.2/3

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

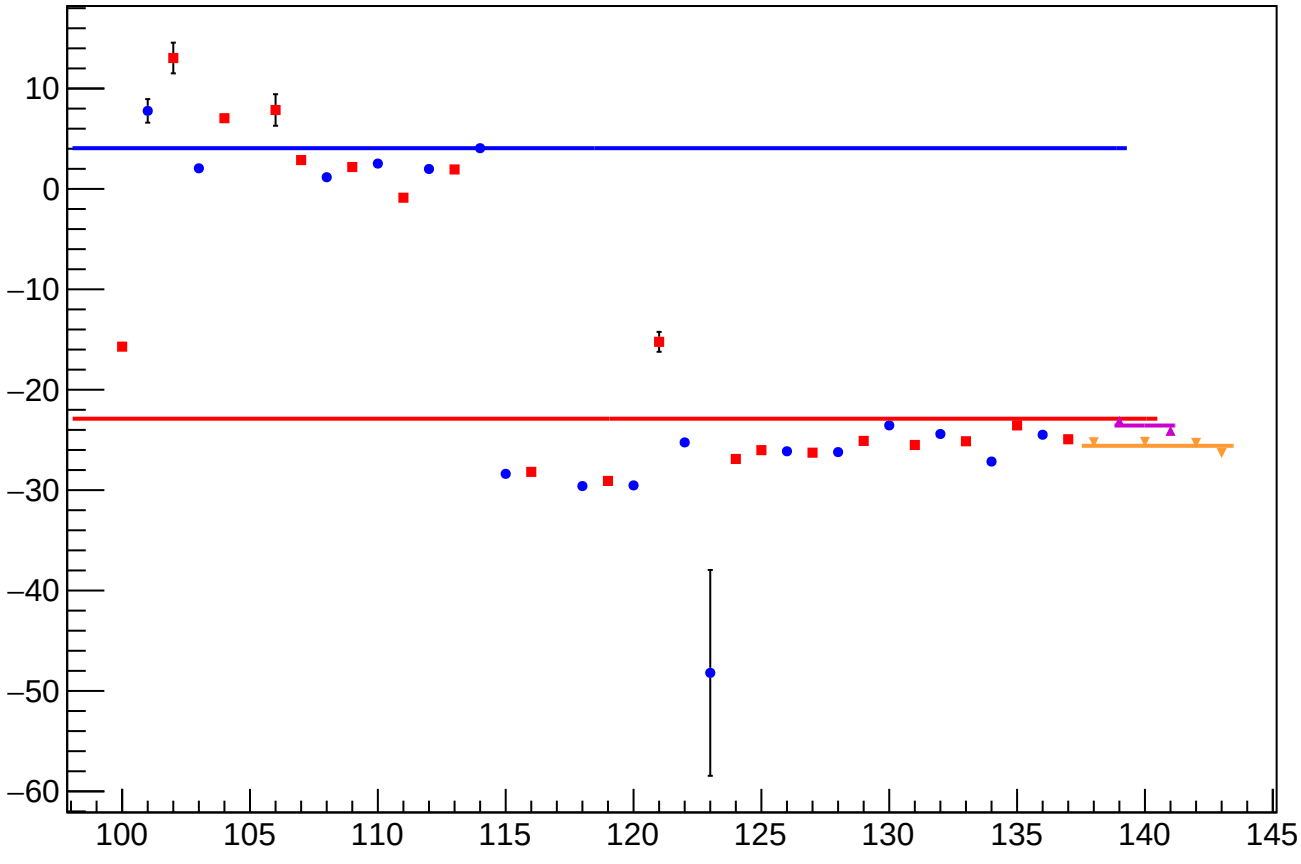
Left In: 0.566+/-0.008 χ^2/NDF:458.1/1

+ sign 0.888+/-0.000 χ^2/NDF: 10657.9/20

All: 0.888+/-0.000 χ^2/NDF: 422224648.0/41

- sign -0.226+/-0.000 χ^2/NDF: 15632.0/20

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -25.585+/-0.047 χ^2/NDF:107.0/3

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

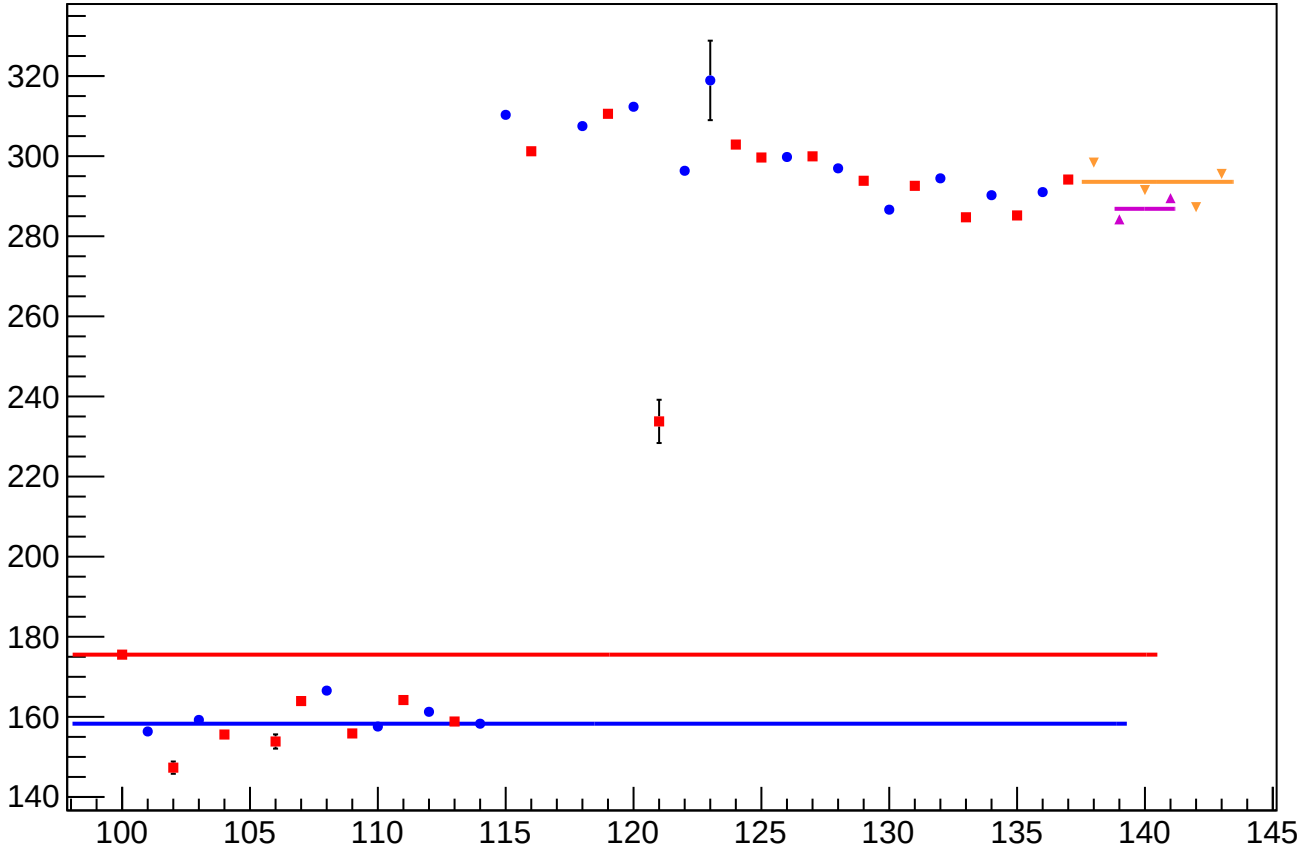
Left In: -23.565+/-0.062 χ^2/NDF:61.2/1

+ sign 4.057+/-0.000 χ^2/NDF: 1645757.9/20

All: 4.057+/-0.000 χ^2/NDF: 3009279.7/41

- sign -22.989+/-0.024 χ^2/NDF: 116672.5/20

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 293.588+/-0.092 χ^2/NDF:1853.4/3

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

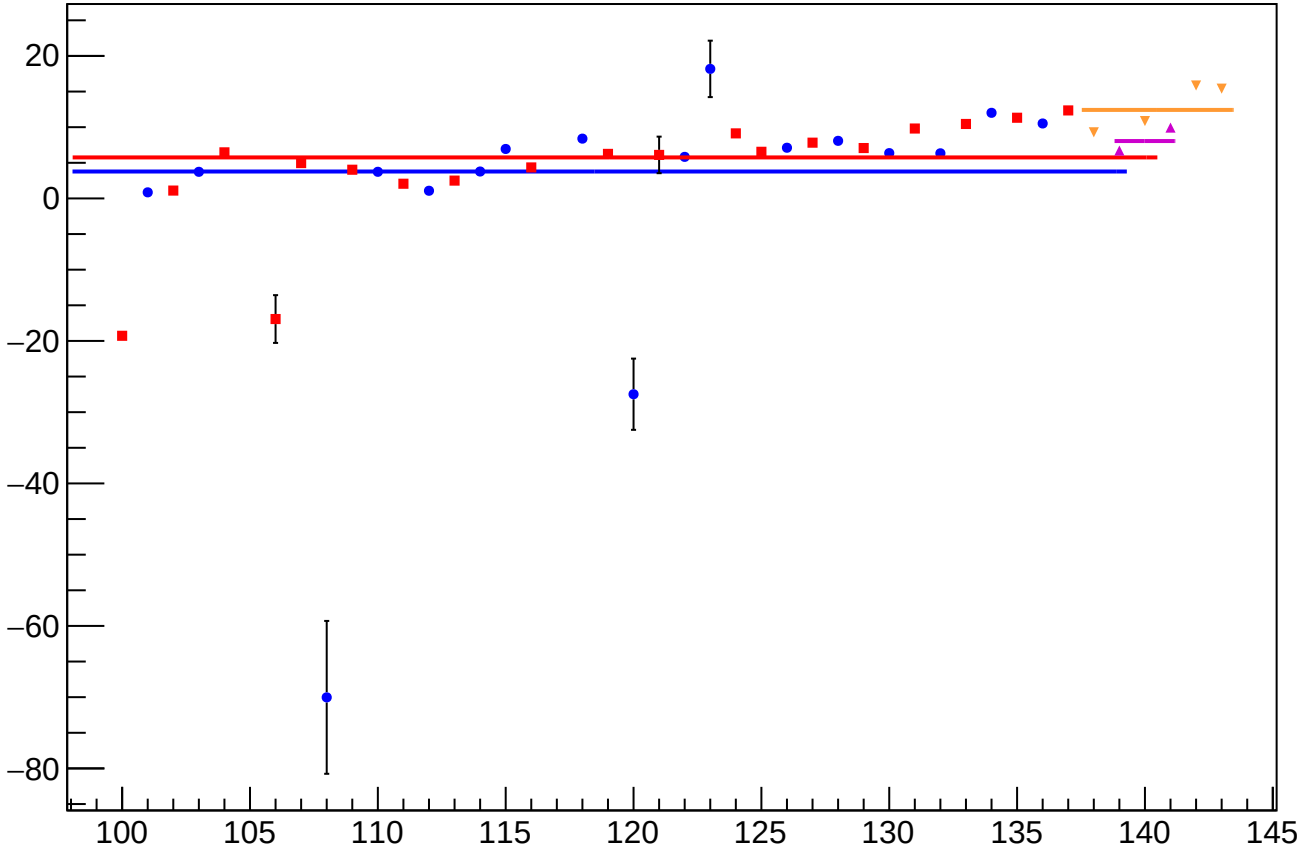
Left In: 286.852+/-0.193 χ^2/NDF:189.1/1

+ sign 158.293+/-0.000 χ^2/NDF: 4568414.7/20

All: 172.618+/-0.000 χ^2/NDF: 37372749122

- sign 175.536+/-0.000 χ^2/NDF: 2434622.0/20

dit_sam5_4aX_slope vs Slug



Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 12.424+/-0.124 χ^2/NDF:412.8/3

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

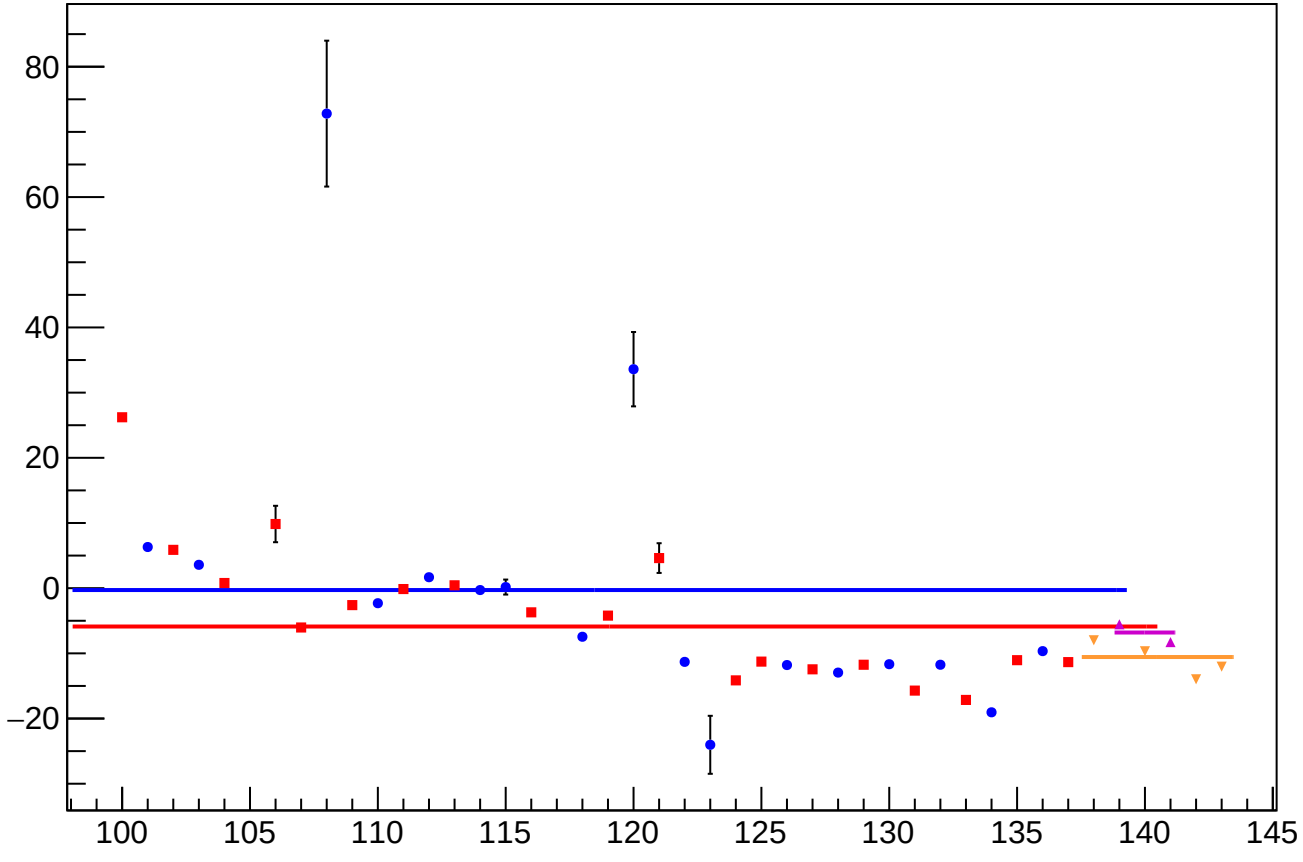
Left In: 8.055+/-0.067 χ^2/NDF:564.2/1

+ sign 3.778+/-0.000 χ^2/NDF: 12155.3/20

All: 3.778+/-0.000 χ^2/NDF: 44999.5/41

- sign 6.053+/-0.024 χ^2/NDF: 23886.2/20

dit_sam5_4eX_slope vs Slug



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -10.563+/-0.124 χ^2/NDF:203.7/3

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

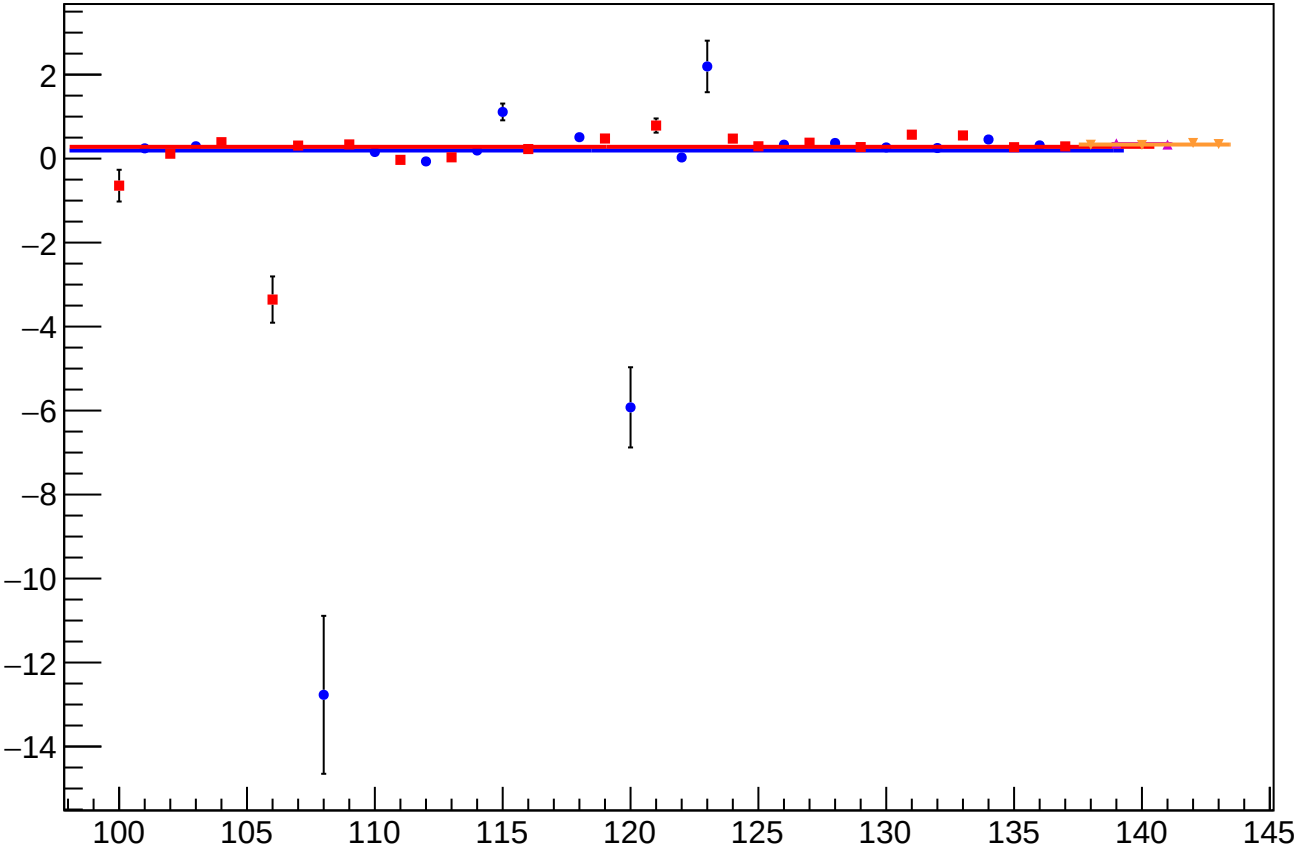
Left In: -6.803+/-0.072 χ^2/NDF:356.9/1

+ sign -0.287+/-0.000 χ^2/NDF: 51308.7/20

All: -0.287+/-0.000 χ^2/NDF: 165638.9/41

- sign -5.997+/-0.025 χ^2/NDF: 63994.0/20

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:79.5/3

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

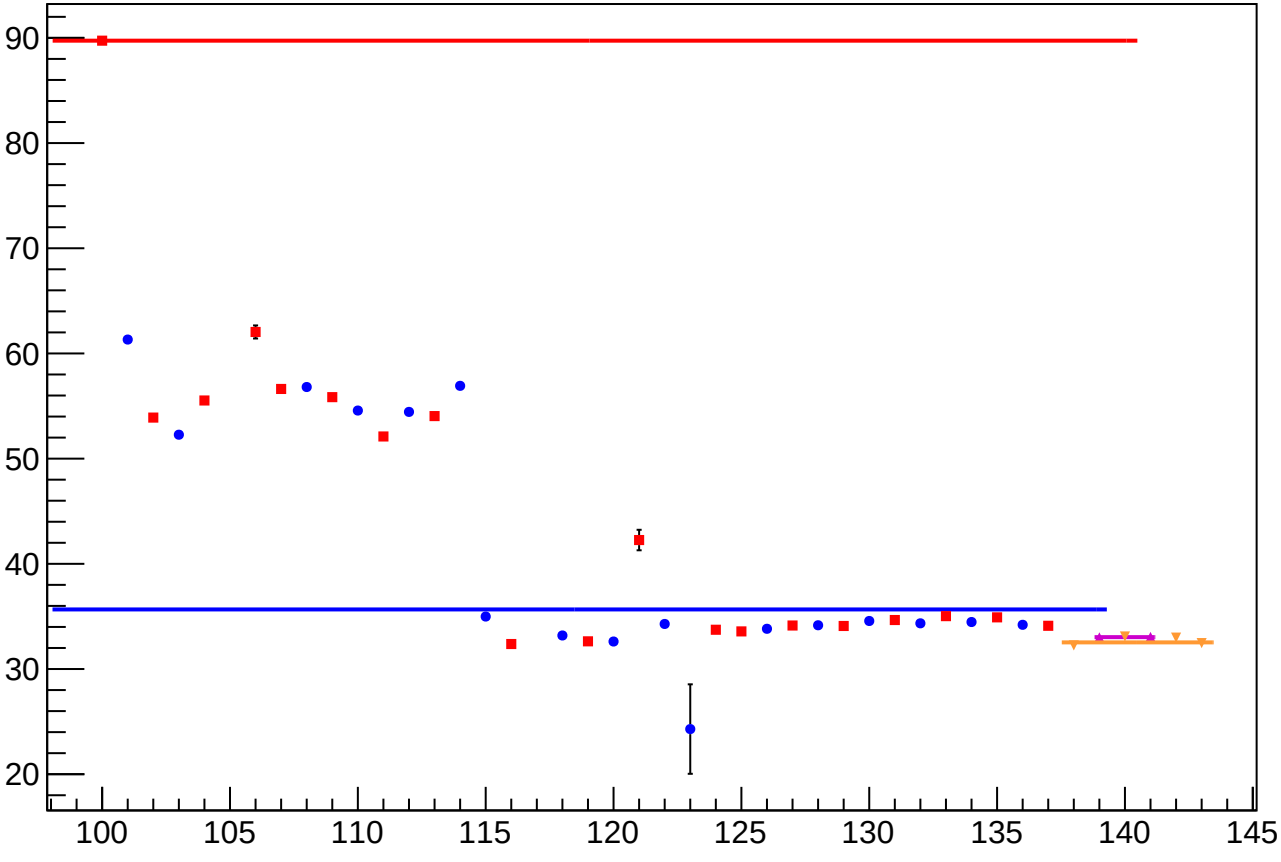
Left In: 0.348+/-0.004 χ^2/NDF:13.7/1

+ sign 0.193+/-0.000 χ^2/NDF: 23600.2/20

All: 0.193+/-0.000 χ^2/NDF: 34762.0/41

- sign 0.289+/-0.001 χ^2/NDF: 6339.0/20

dit_sam5_4aY_slope vs Slug



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.532+/-0.015 χ^2/NDF:449.6/3

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

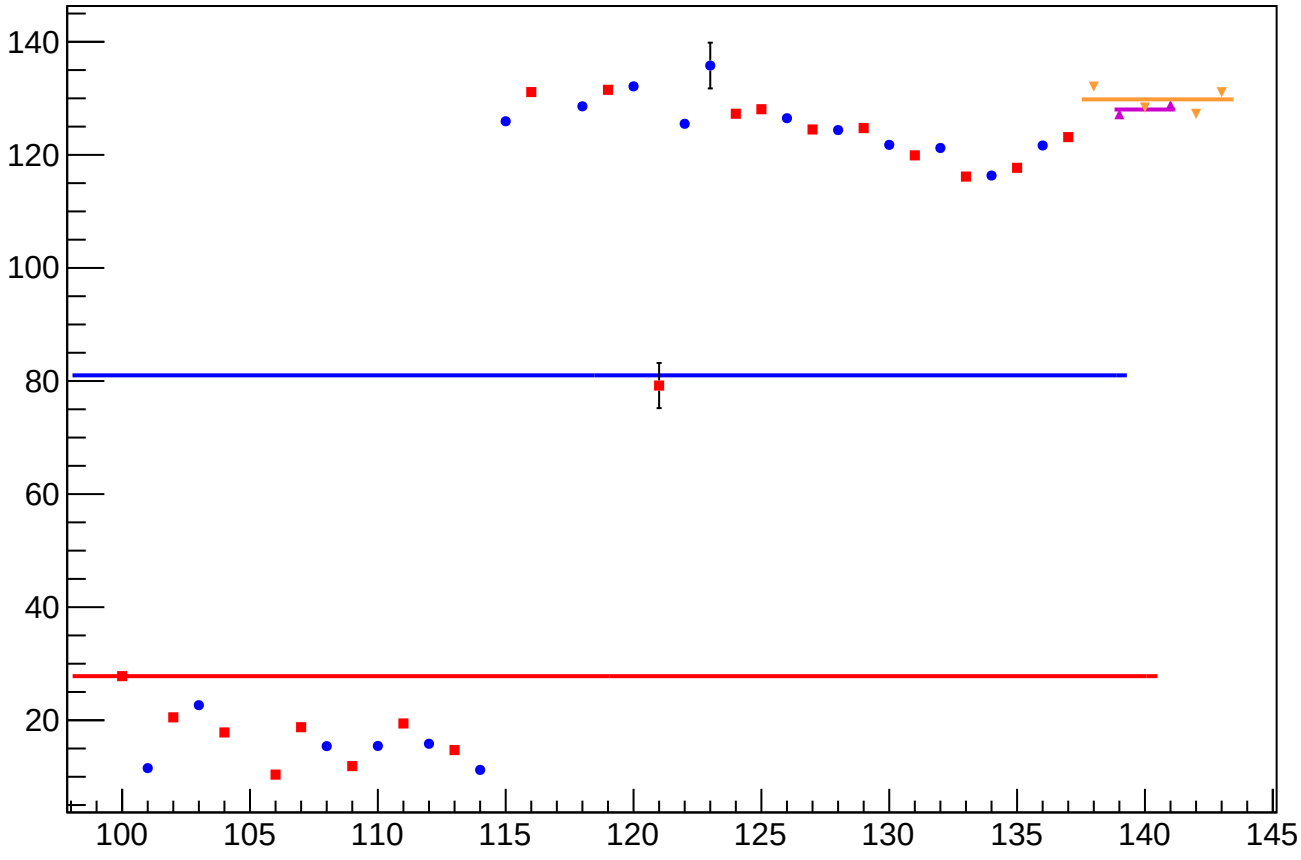
Left In: 33.031+/-0.021 χ^2/NDF:1.0/1

+ sign 34.497+/-0.009 χ^2/NDF: 247399.3/20

All: 89.735+/-0.000 χ^2/NDF: 70900820.5/41

- sign 89.735+/-0.000 χ^2/NDF: 33019063.9/20

dit_sam5_4eY_slope vs Slug



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 129.820+/-0.037 χ^2/NDF:2885.8/3

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

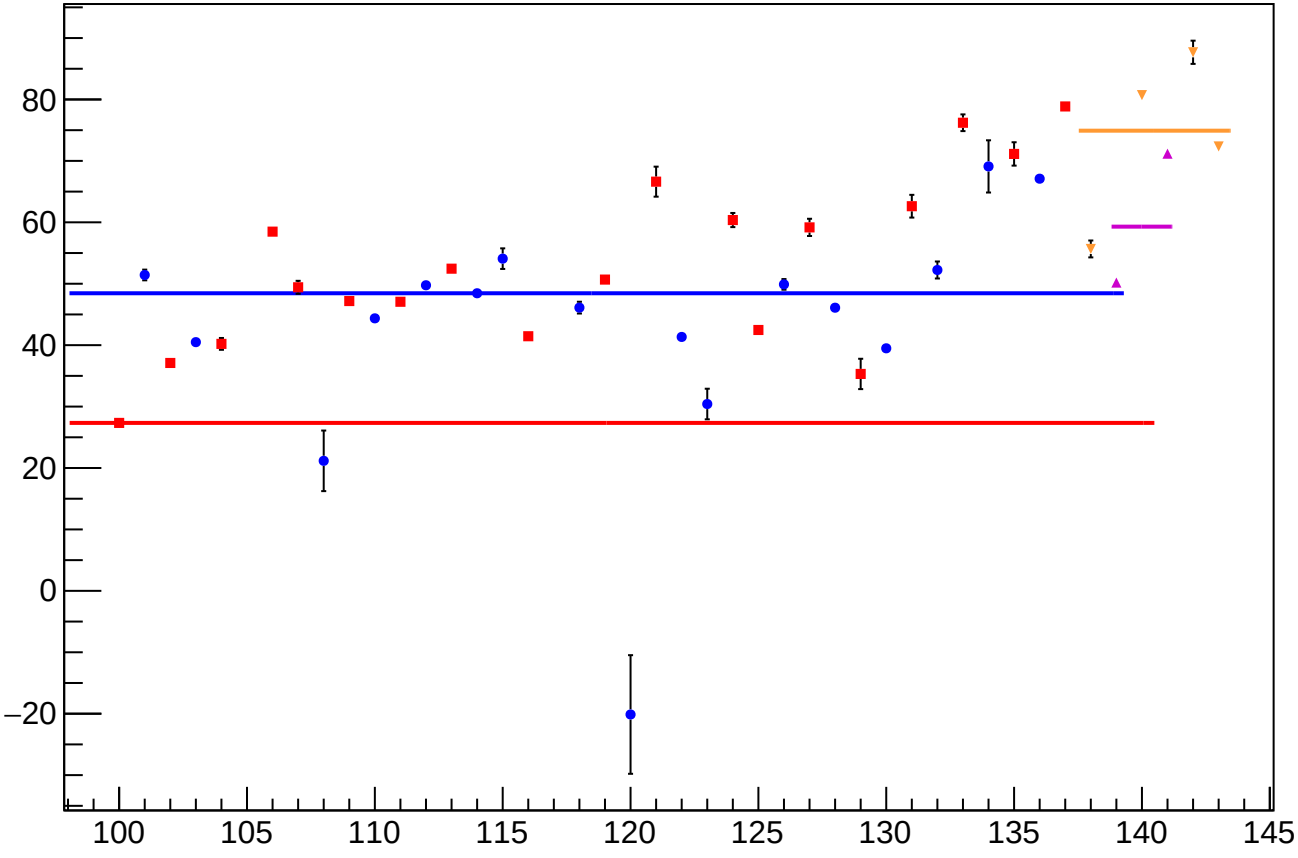
Left In: 128.026+/-0.068 χ^2/NDF:143.6/1

+ sign 103.689+/-0.025 χ^2/NDF: 3160370.5/20

All: 27.798+/-0.000 χ^2/NDF: 23558360.8/41

- sign 27.798+/-0.000 χ^2/NDF: 11374928.8/20

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 74.919+/-0.485 χ^2/NDF:314.2/3

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

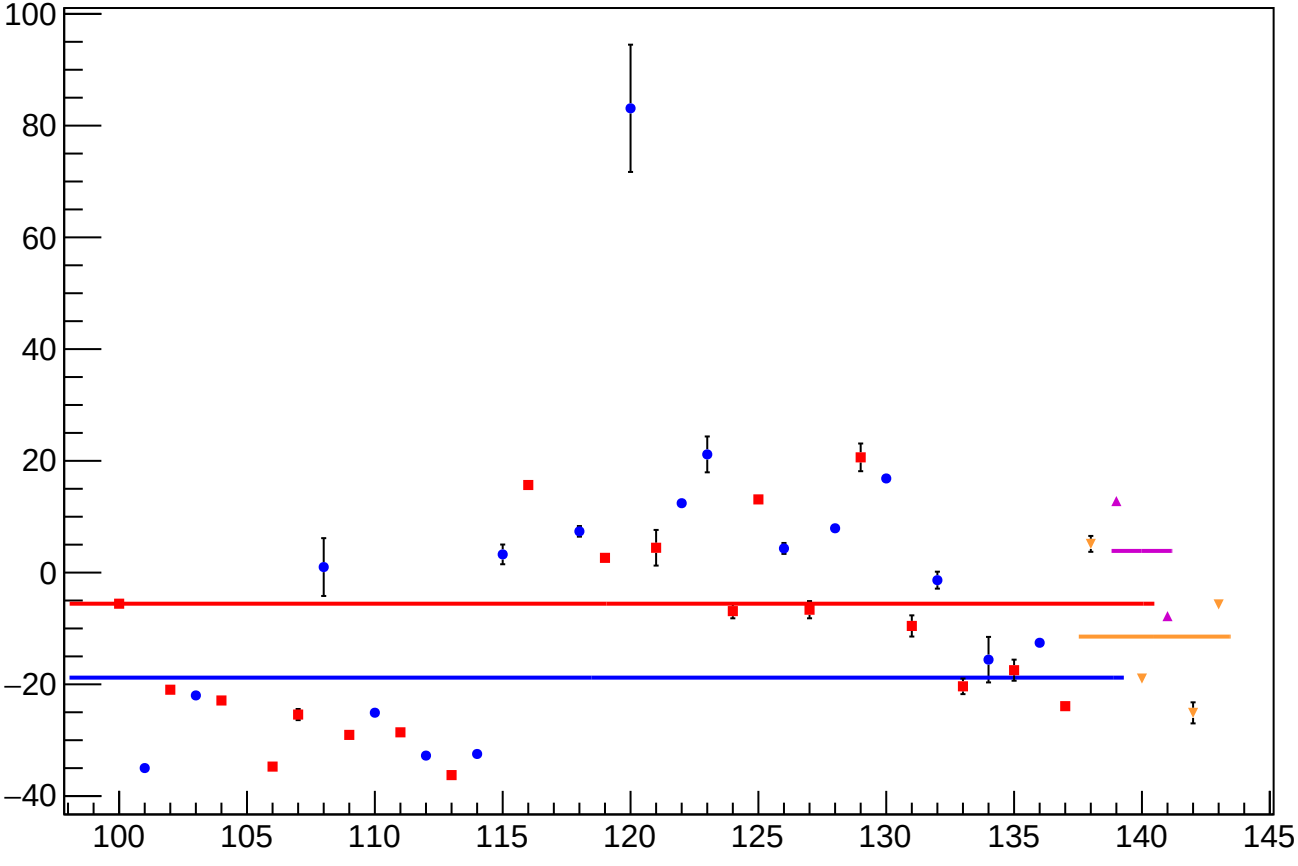
Left In: 59.295+/-0.382 χ^2/NDF:740.9/1

+ sign 48.450+/-0.000 χ^2/NDF: 6048.1/20

All: 28.365+/-0.000 χ^2/NDF: 102629010488

- sign 27.342+/-0.000 χ^2/NDF: 33544.2/20

dit_sam6_4eX_slope vs Slug



Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: -11.457+/-0.486 χ^2/NDF:345.9/3

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

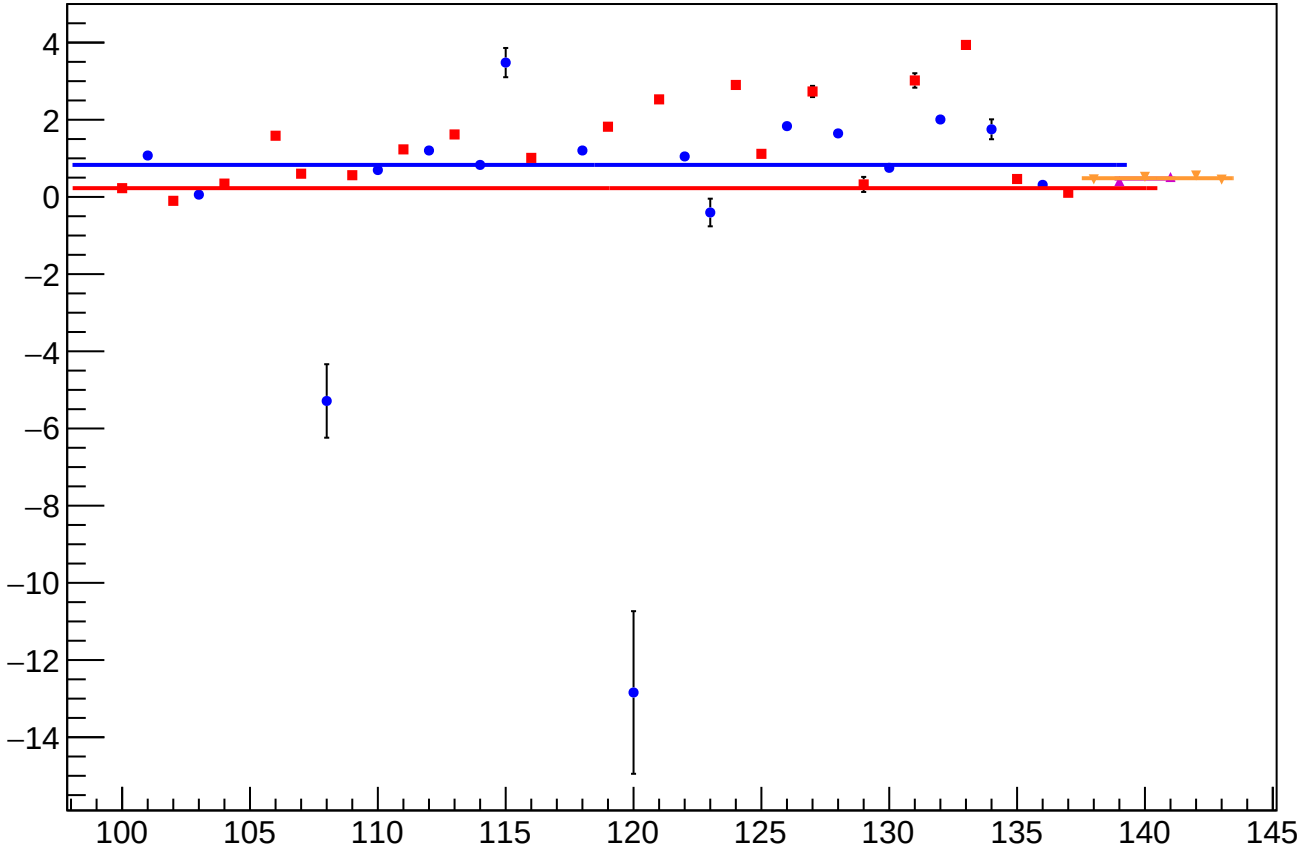
Left In: 3.880+/-0.372 χ^2/NDF:753.2/1

+ sign -18.174+/-0.142 χ^2/NDF: 12319.3/20

All: -5.568+/-0.000 χ^2/NDF: 44700.0/41

- sign -5.568+/-0.000 χ^2/NDF: 24496.1/20

dit_sam6_11X12X_slope vs Slug



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.485+/-0.003 χ^2/NDF:202.8/3

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

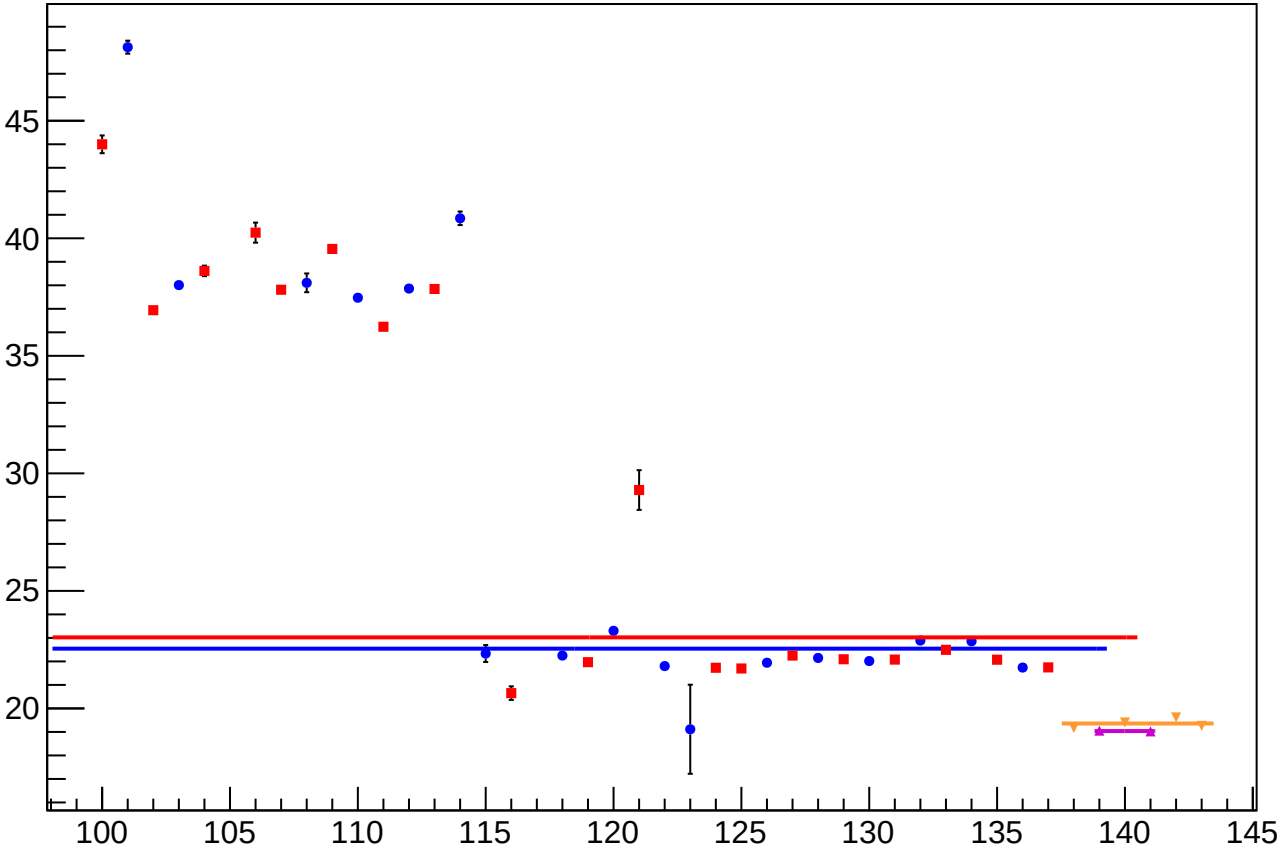
Left In: 0.475+/-0.003 χ^2/NDF:241.3/1

+ sign 0.830+/-0.000 χ^2/NDF: 30127.3/20

All: 0.289+/-0.000 χ^2/NDF: 2906608256145

- sign 0.227+/-0.000 χ^2/NDF: 17744.4/20

dit_sam6_4aY_slope vs Slug



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 19.359+/-0.013 χ^2/NDF:134.7/3

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

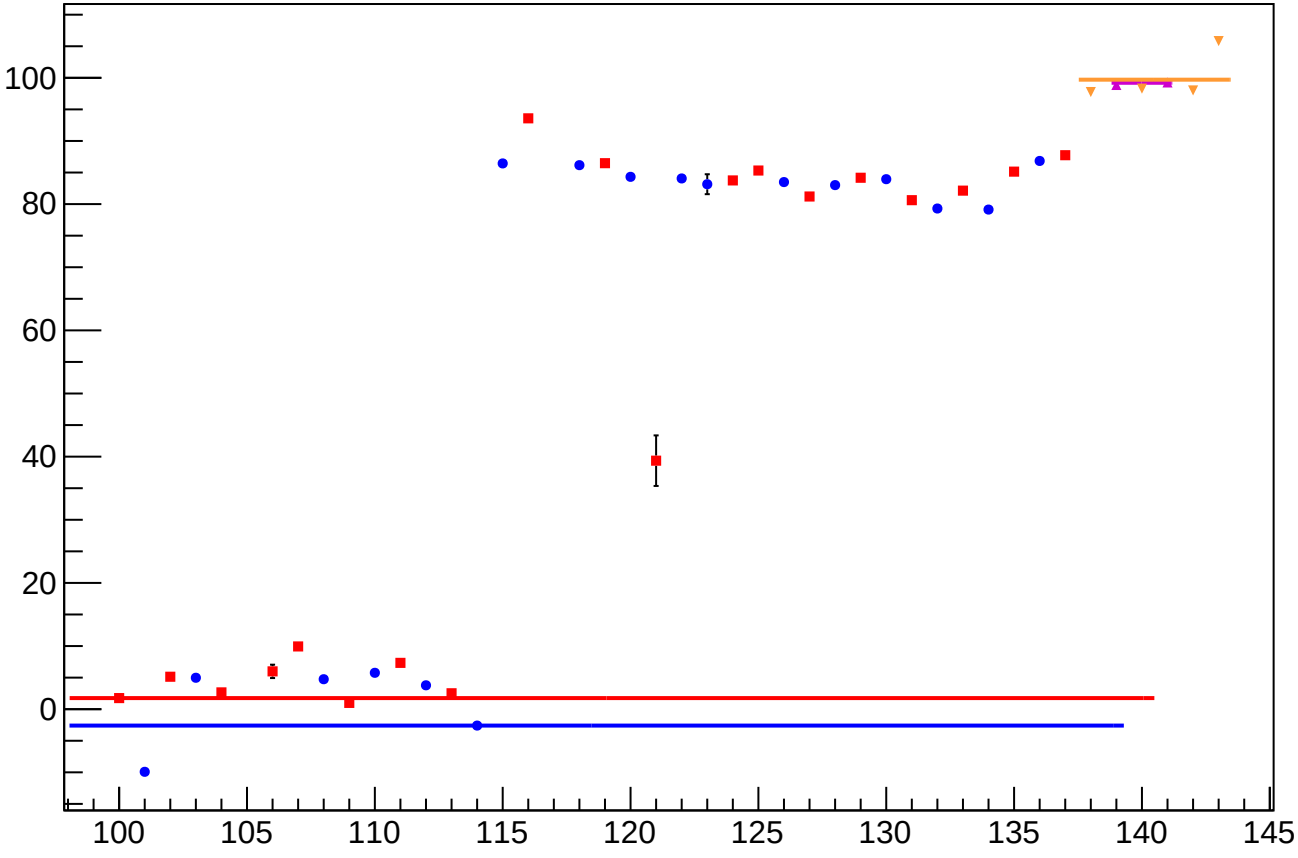
Left In: 19.038+/-0.016 χ^2/NDF:0.9/1

+ sign 21.414+/-0.007 χ^2/NDF: 147064.0/20

All: 21.732+/-0.005 χ^2/NDF: 362238.0/41

- sign 22.088+/-0.008 χ^2/NDF: 211340.0/20

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 99.706+/-0.030 χ^2/NDF:11203.6/3

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

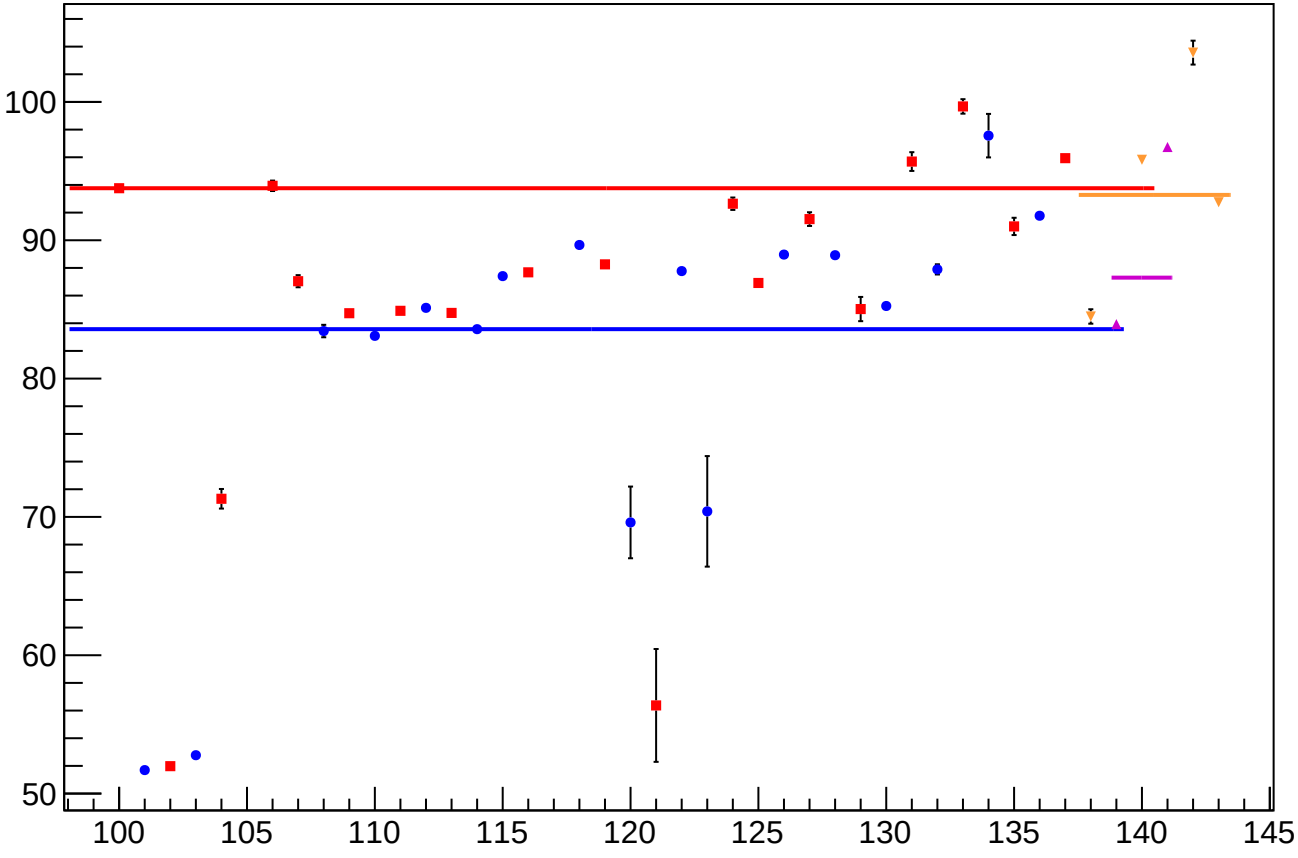
Left In: 99.216+/-0.031 χ^2/NDF:19.0/1

+ sign -2.596+/-0.000 χ^2/NDF: 19012754.6/20

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

- sign 1.758+/-0.000 χ^2/NDF: 14151940.5/20

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 93.278+/-0.177 χ^2/NDF:499.0/3

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

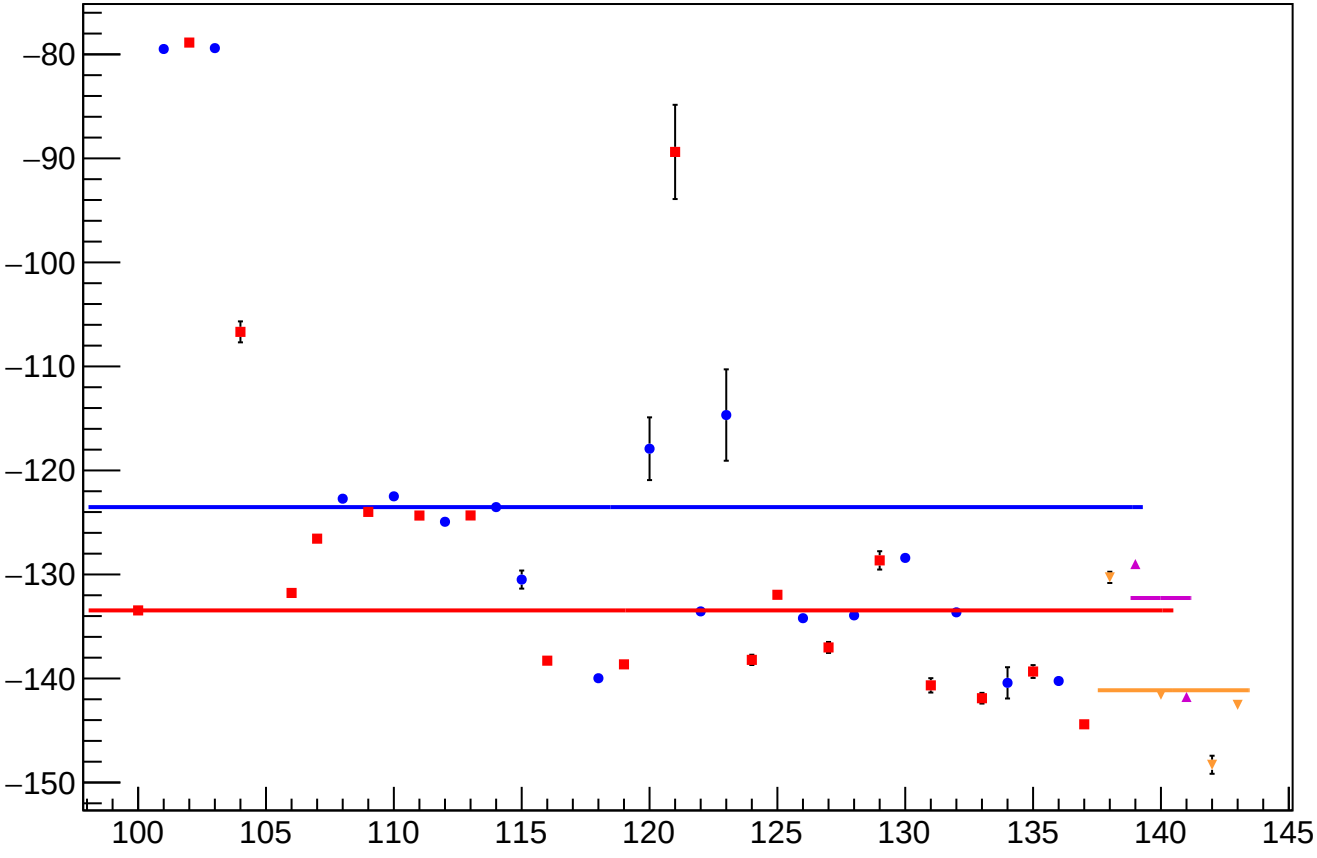
Left In: 87.297+/-0.158 χ^2/NDF:1272.6/1

+ sign 83.573+/-0.000 χ^2/NDF: 52988.6/20

All: 87.169+/-0.000 χ^2/NDF: 199568440414

- sign 93.762+/-0.000 χ^2/NDF: 85797.7/20

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -141.132+/-0.176 χ^2/NDF:506.3/3

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

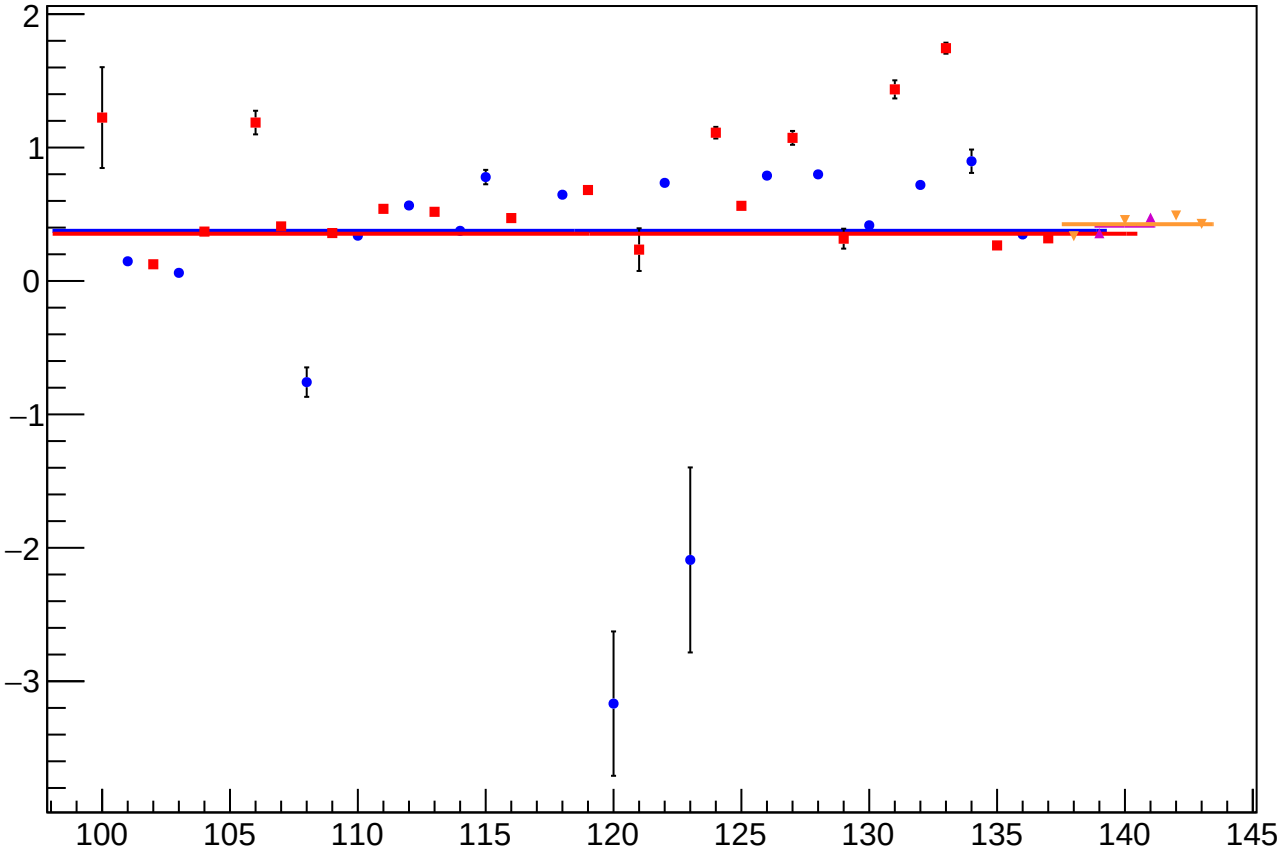
Left In: -132.263+/-0.152 χ^2/NDF:1340.9/1

+ sign -123.524+/-0.000 χ^2/NDF: 170884.7/20

All: -124.716+/-0.000 χ^2/NDF: 6446786990

- sign -133.456+/-0.000 χ^2/NDF: 396298.7/20

dit_sam7_11X12X_slope vs Slug



Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.425+/-0.001 χ^2/NDF:635.1/3

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

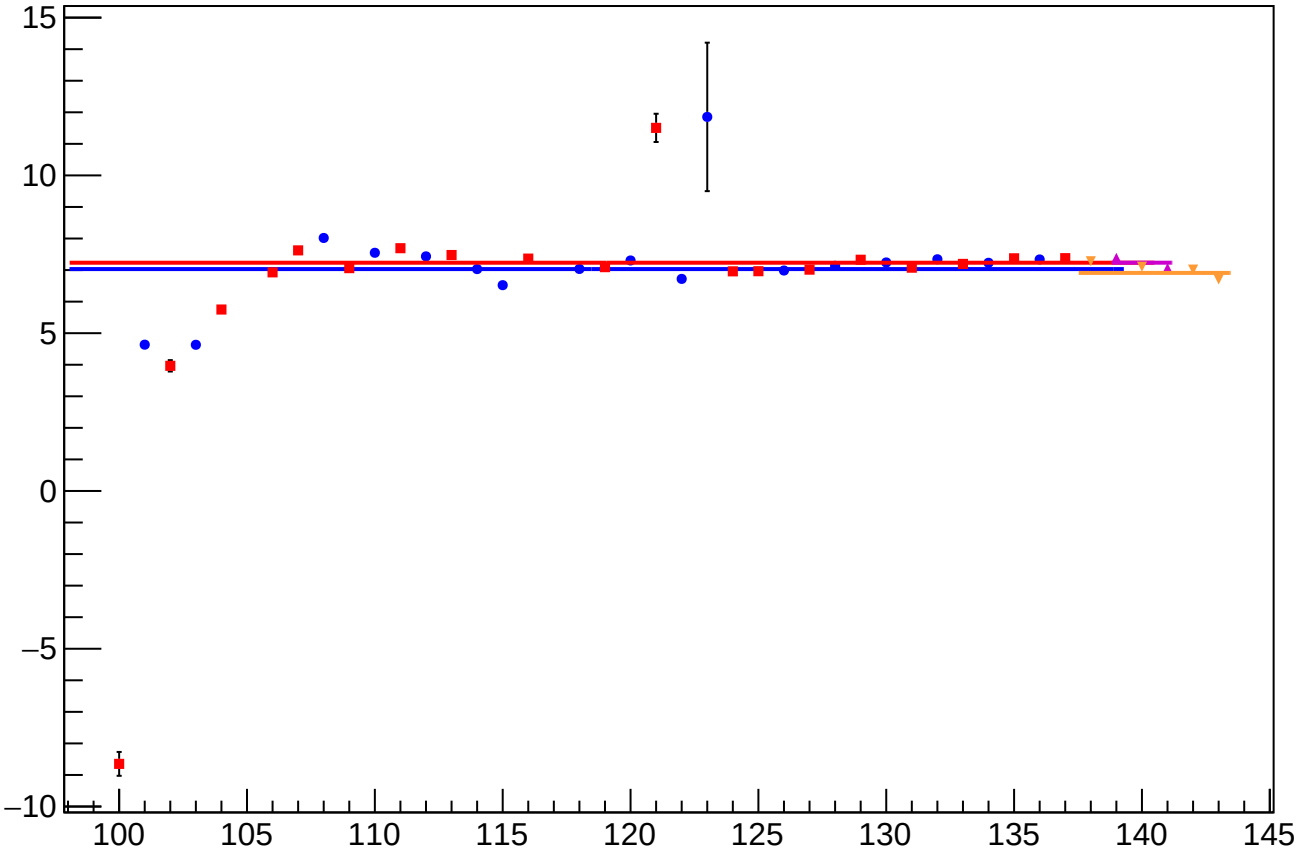
Left In: 0.414+/-0.001 χ^2/NDF:2455.7/1

+ sign 0.376+/-0.000 χ^2/NDF: 5835.2/20

All: 0.376+/-0.000 χ^2/NDF: 14160.9/41

- sign 0.391+/-0.001 χ^2/NDF: 8040.4/20

dit_sam7_4aY_slope vs Slug



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 6.910+/-0.003 χ^2/NDF:6561.3/3

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

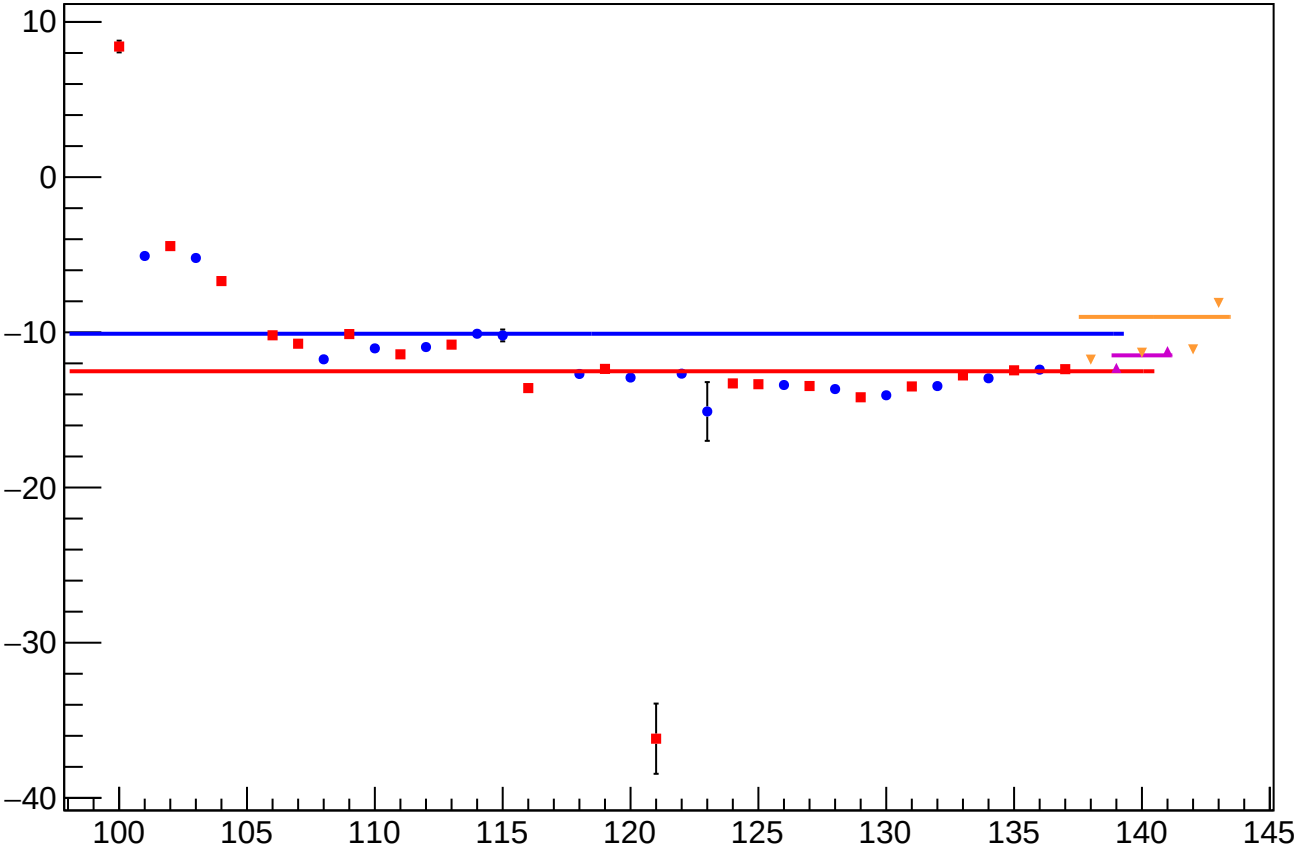
Left In: 7.234+/-0.003 χ^2/NDF:2658.3/1

+ sign 7.032+/-0.000 χ^2/NDF: 27991.2/20

All: 7.032+/-0.000 χ^2/NDF: 52002.9/41

- sign 7.233+/-0.002 χ^2/NDF: 12720.1/20

dit_sam7_4eY_slope vs Slug



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -9.006+/-0.005 χ^2/NDF:83218.5/3

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

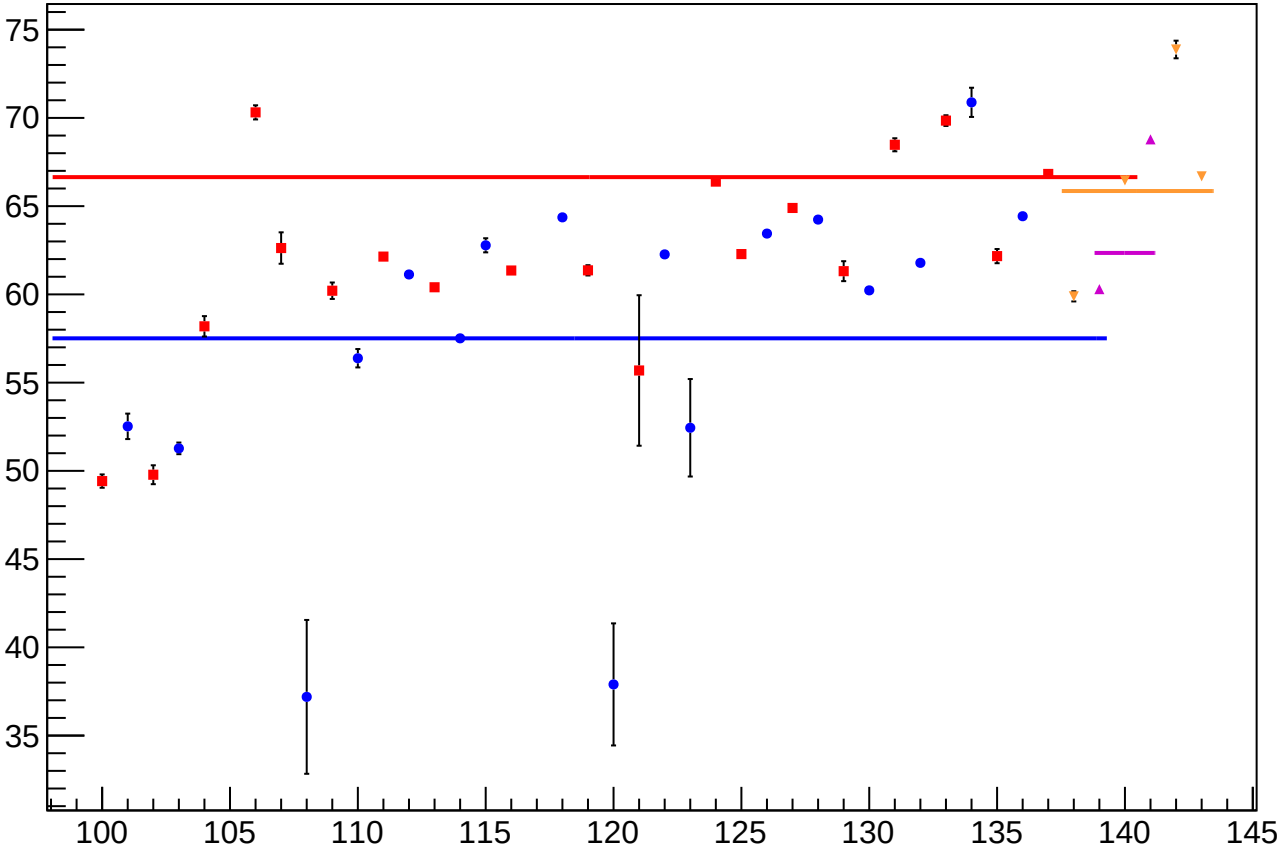
Left In: -11.484+/-0.008 χ^2/NDF:3065.5/1

+ sign -10.092+/-0.000 χ^2/NDF: 672035.0/20

All: -10.092+/-0.000 χ^2/NDF: 1220719.3/41

- sign -12.342+/-0.003 χ^2/NDF: 118757.5/20

dit_sam8_4aX_slope vs Slug



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 65.857+/-0.121 χ^2/NDF:716.0/3

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

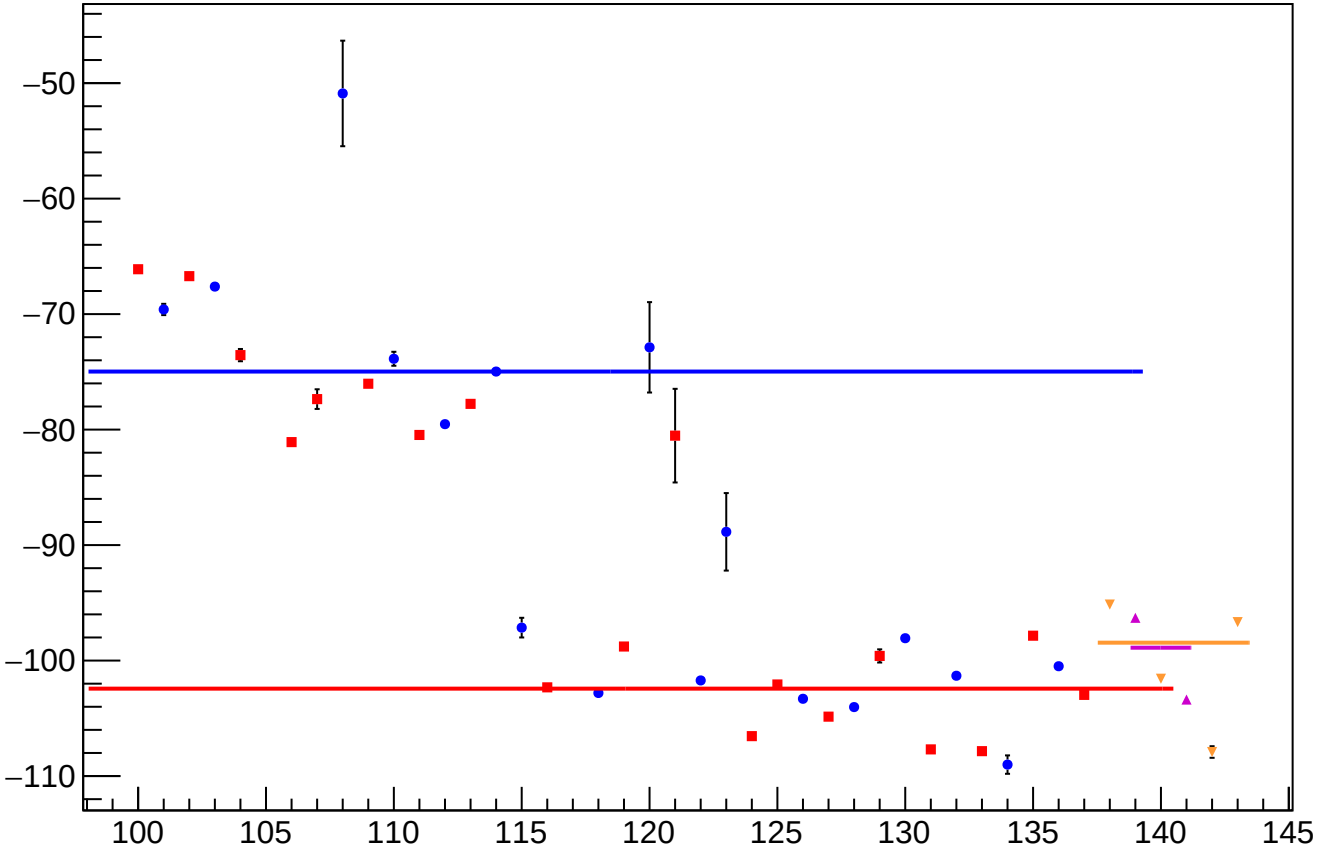
Left In: 62.349+/-0.103 χ^2/NDF:1252.2/1

+ sign 57.510+/-0.000 χ^2/NDF: 13602.0/20

All: 57.510+/-0.000 χ^2/NDF: 513405.2/41

- sign 66.576+/-0.013 χ^2/NDF: 11138.5/20

dit_sam8_4eX_slope vs Slug



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -98.450+/-0.121 χ^2/NDF:768.8/3

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

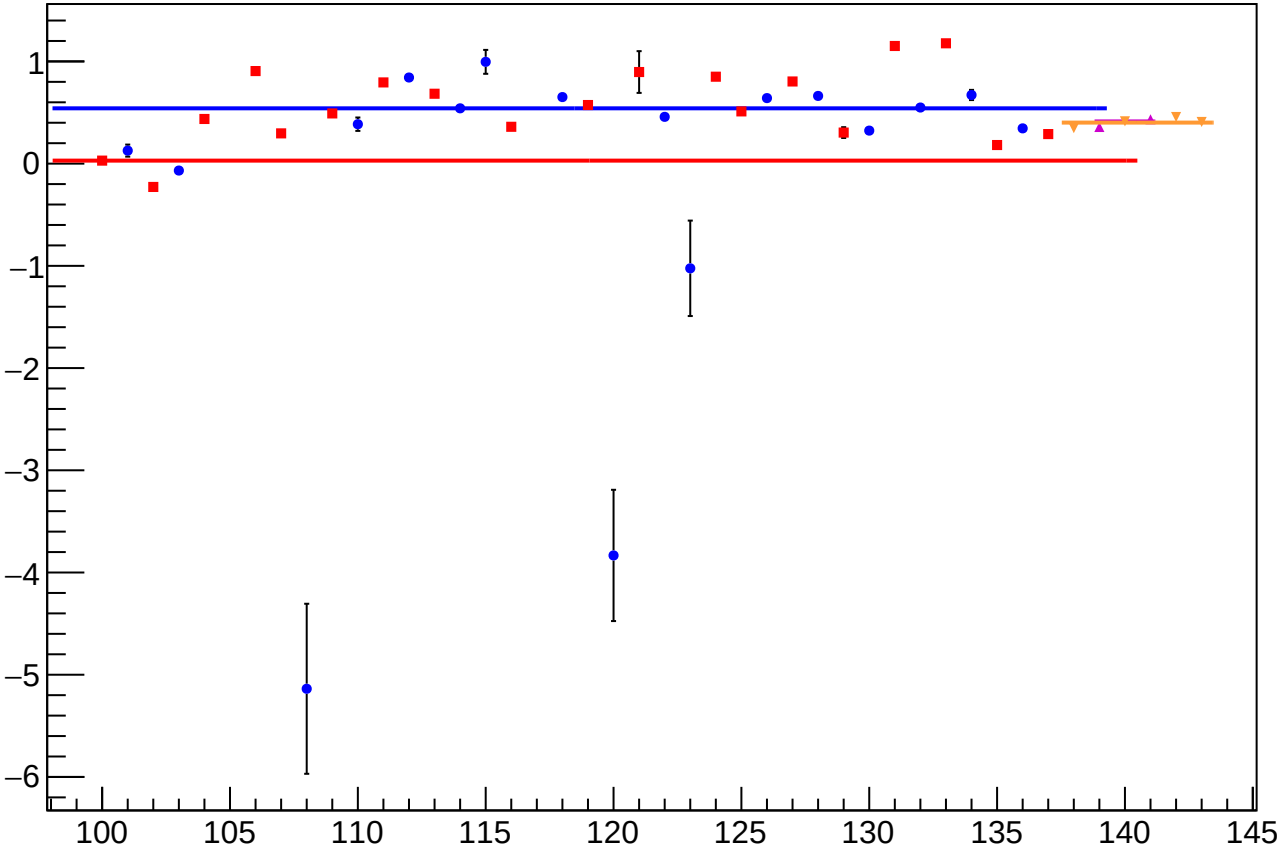
Left In: -98.886+/-0.123 χ^2/NDF:767.3/1

+ sign -74.974+/-0.000 χ^2/NDF: 168808.7/20

All: -74.974+/-0.000 χ^2/NDF: 2633277.6/41

- sign -102.358+/-0.018 χ^2/NDF: 51956.8/20

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:491.7/3

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

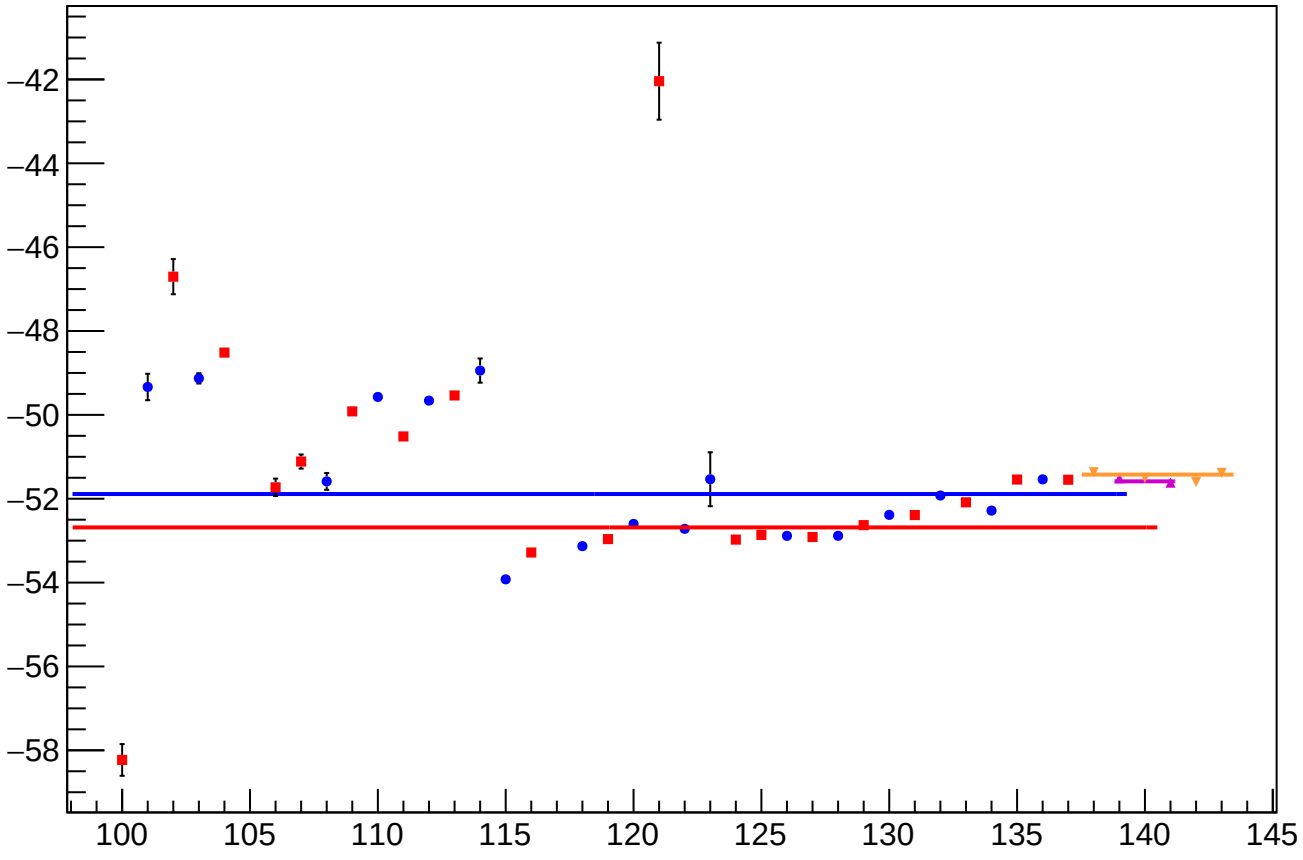
Left In: 0.413+/-0.001 χ^2/NDF:983.8/1

+ sign 0.541+/-0.000 χ^2/NDF: 44493.7/20

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

- sign 0.030+/-0.000 χ^2/NDF: 250841.6/20

dit_sam8_4aY_slope vs Slug



Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -51.424+/-0.004 χ^2/NDF:356.0/3

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

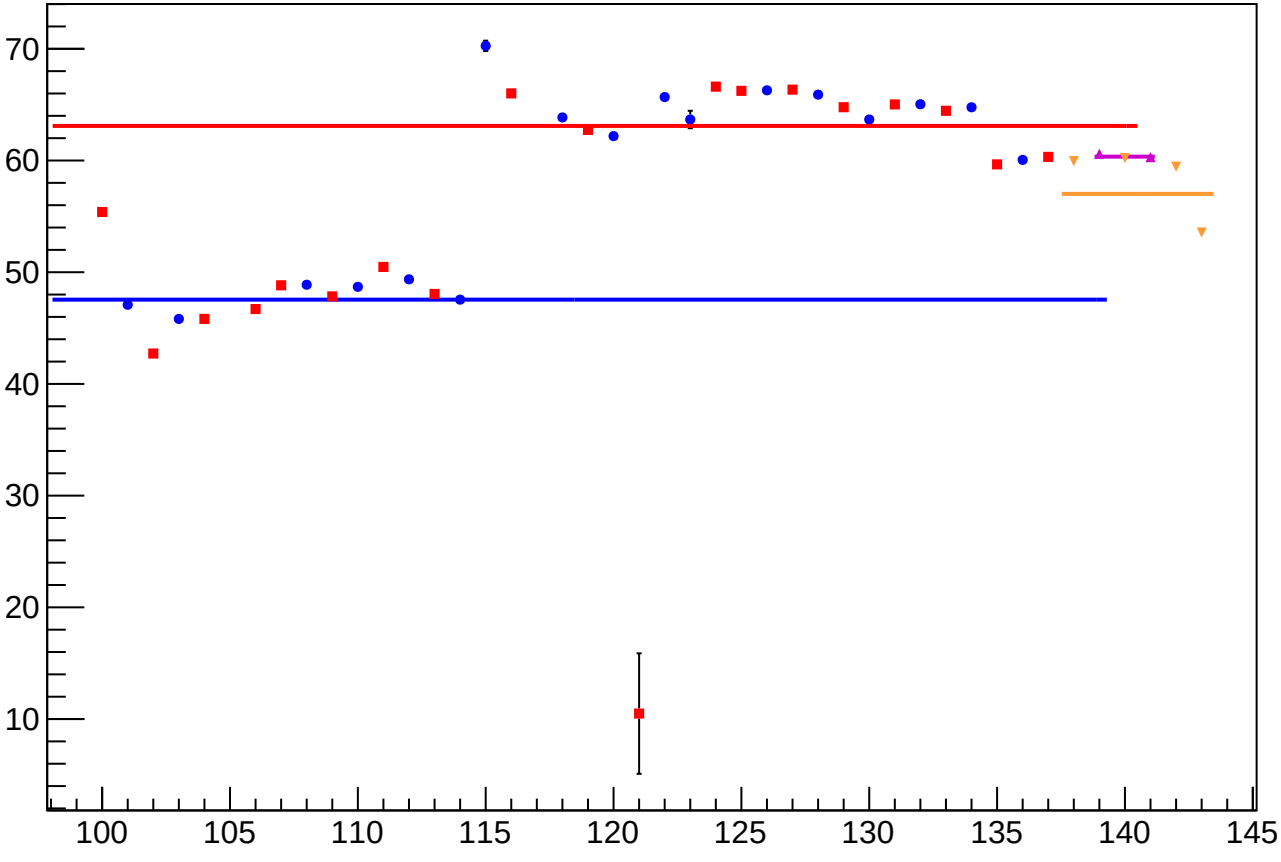
Left In: -51.586+/-0.004 χ^2/NDF:152.3/1

+ sign -51.792+/-0.002 χ^2/NDF: 86867.7/20

All: -52.052+/-0.001 χ^2/NDF: 235428.2/41

- sign -52.354+/-0.002 χ^2/NDF: 111517.1/20

dit_sam8_4eY_slope vs Slug



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 57.012+/-0.008 χ^2/NDF:154645.5/3

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

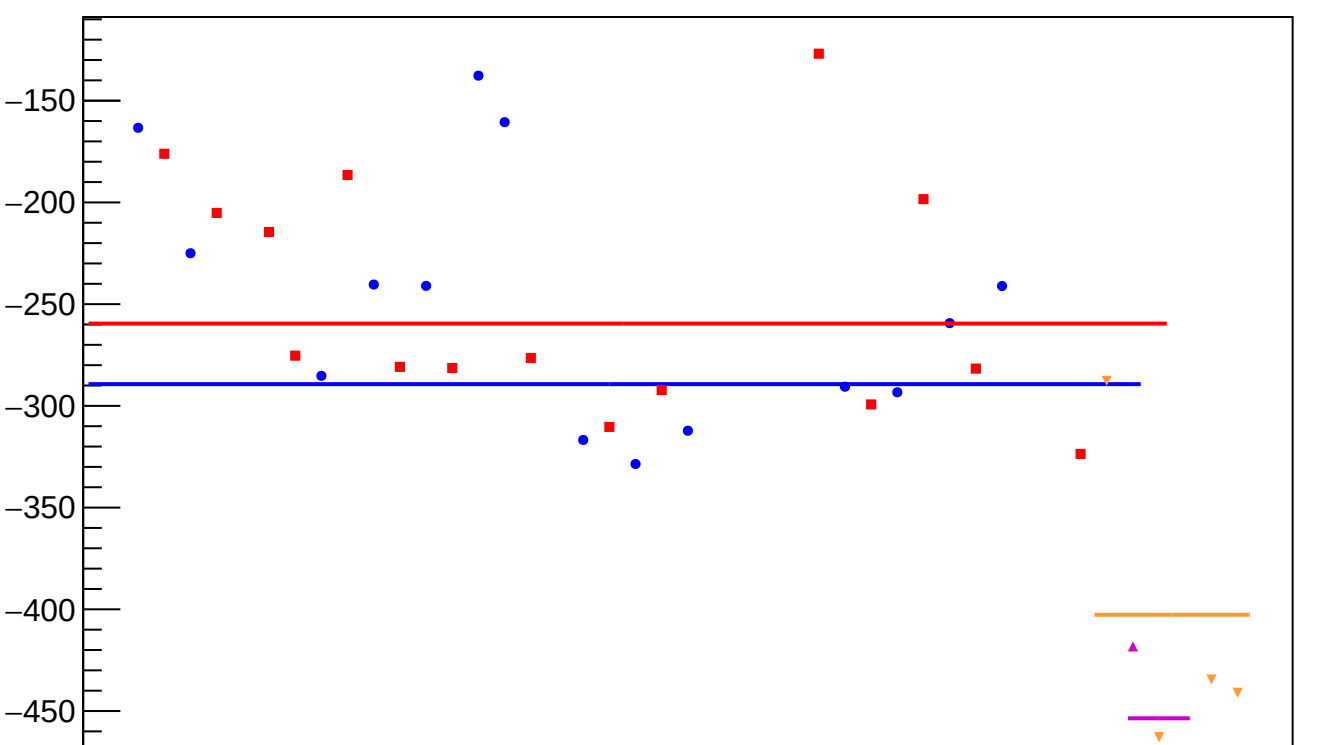
Left In: 60.346+/-0.023 χ^2/NDF:23.9/1

+ sign 47.545+/-0.000 χ^2/NDF: 5011028.7/20

All: 47.545+/-0.000 χ^2/NDF: 9985014.4/41

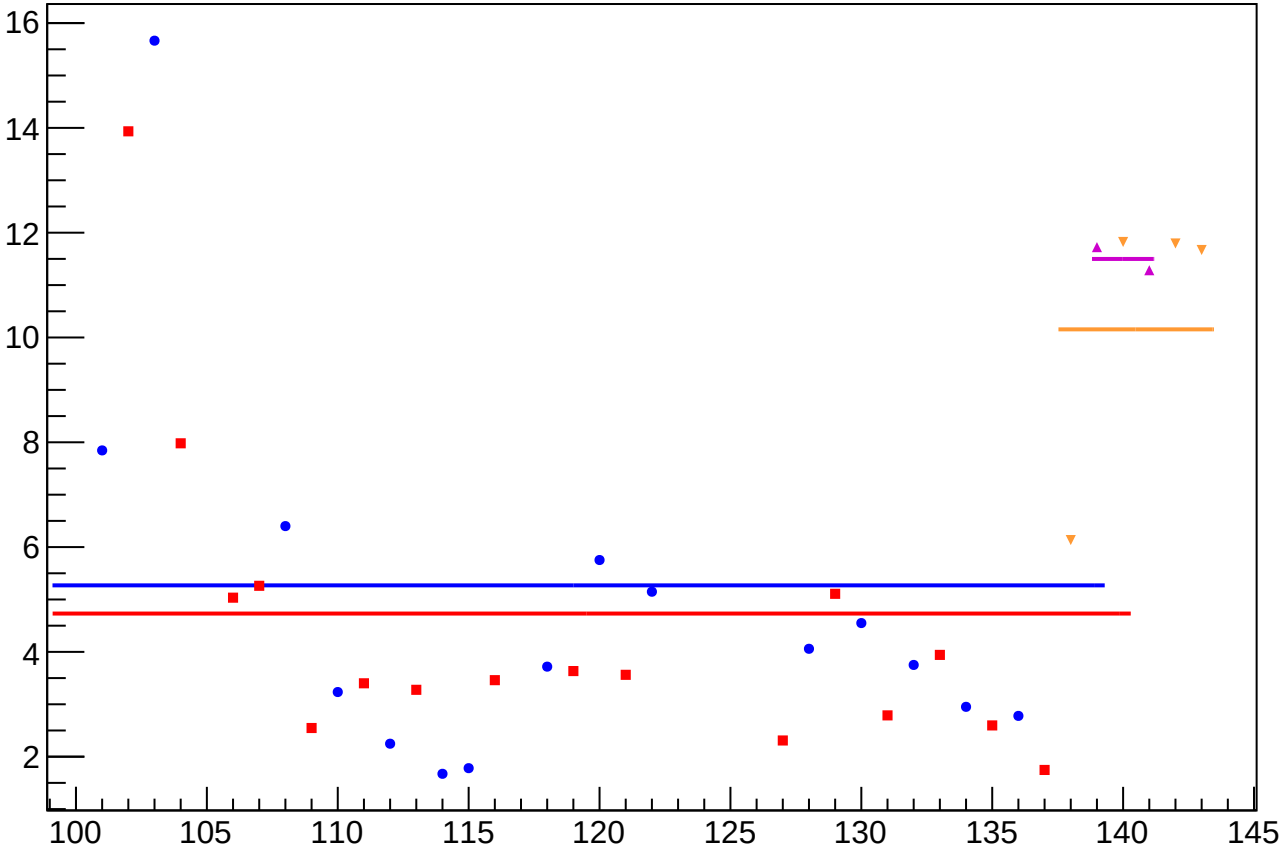
- sign 62.832+/-0.007 χ^2/NDF: 346612.0/20

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14
+ sign -322.886+/-0.000 χ^2/NDF: 93116979631867
Left Out: -402.677+/-0.000 χ^2/NDF:1472818314619278679848426421927018496.0/3
All: -311.179+/-0.000 χ^2/NDF: 19078638804
Right Out: -259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707141 12.0/15
- sign -298.221+/-0.000 χ^2/NDF: 95007092746625
Left In: -453.574+/-0.000 χ^2/NDF:19743731540525652805298012973065830 4.0/1

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

+ sign 6.716+/-0.000 χ^2/NDF: 15062795260609802

Left Out: 10.155+/-0.000 χ^2/NDF:1766600923496985699656532815249408.0/3

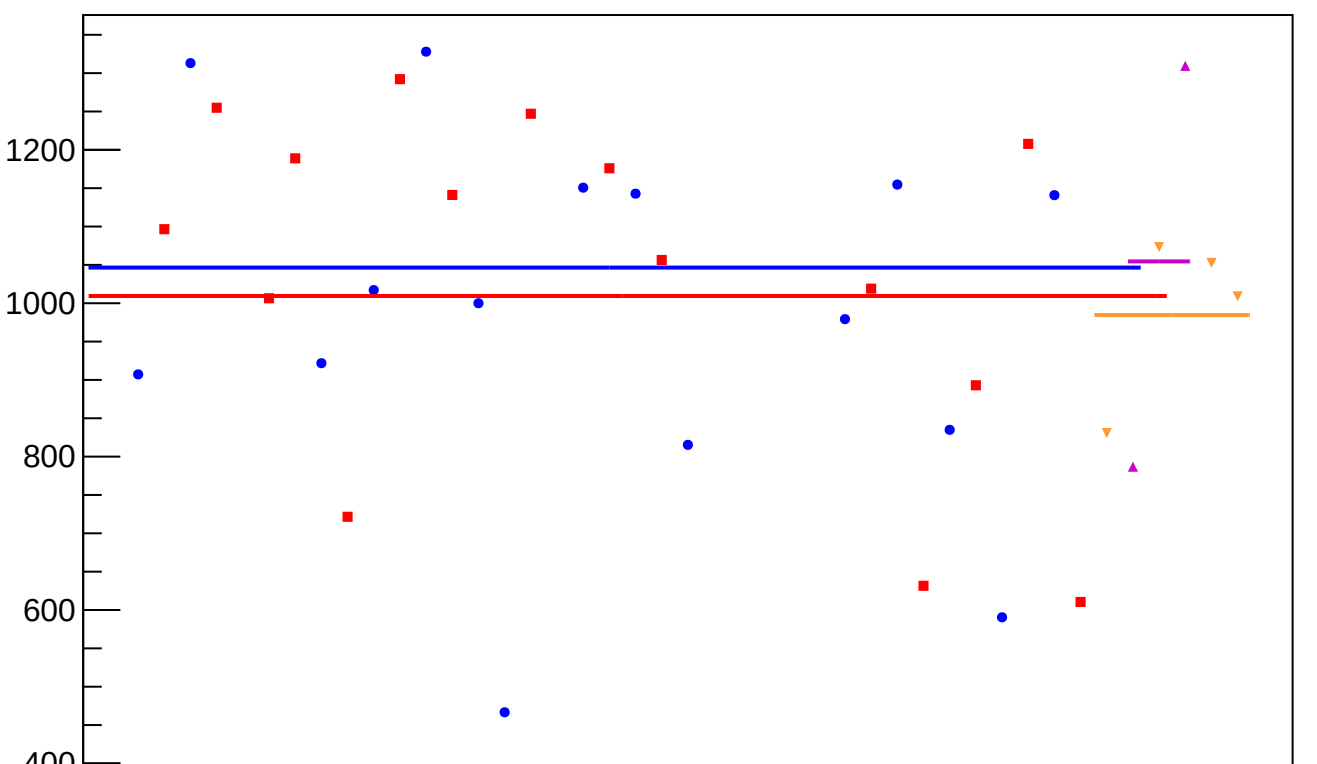
All: 6.414+/-0.000 χ^2/NDF: 2819199159806

Right Out: 4.732+/-0.000 χ^2/NDF: 685689307257521156280228142645248 0.0/15

- sign 6.080+/-0.000 χ^2/NDF: 12952168384923026

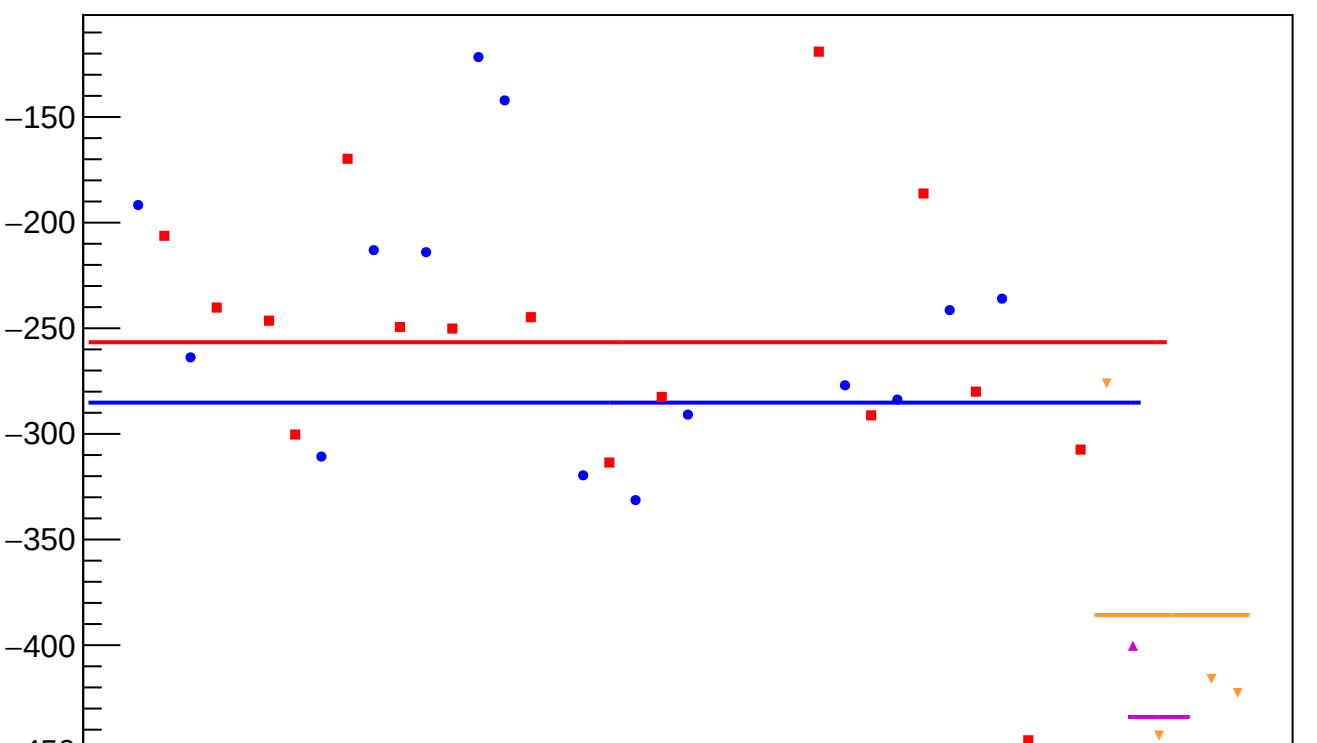
Left In: 11.499+/-0.000 χ^2/NDF:8062436197017478967078502268928.0/1

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14

+ sign -314.946+/-0.000 χ^2/NDF: 77590858401938

Left Out: -385.694+/-0.000 χ^2/NDF:1338300286478112678860628555282251776.0/3

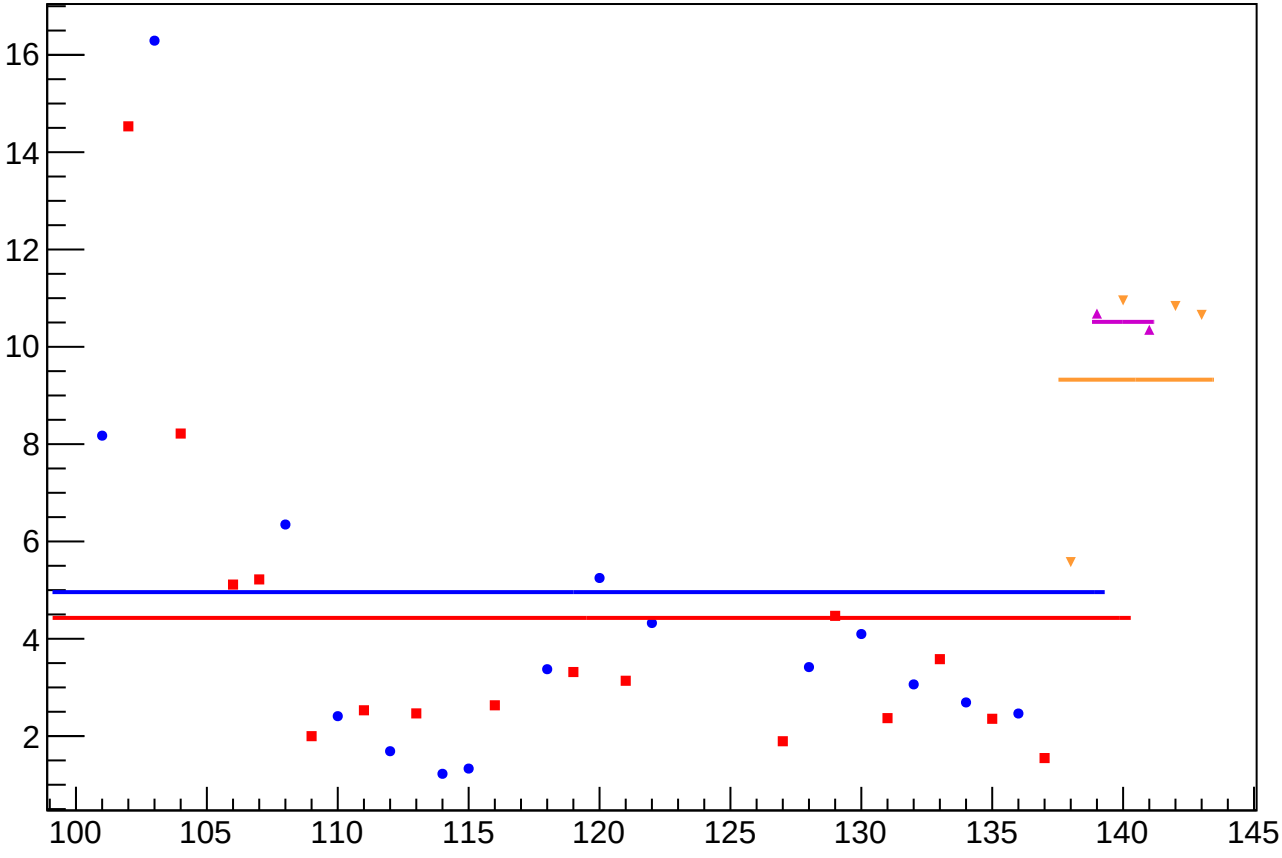
All: -304.029+/-0.000 χ^2/NDF: 1600030552 3

Right Out: -256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

- sign -291.946+/-0.000 χ^2/NDF: 800970605527454

Left In: -433.971+/-0.000 χ^2/NDF:179665148104058376631691488788480000.0/1

dit_4eX_coil1_err_mean vs Slug



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

+ sign 6.252+/-0.000 χ^2/NDF: 1566646709933276 4

Left Out: 9.325+/-0.000 χ^2/NDF:1538159689800764472080582286770176.0/3

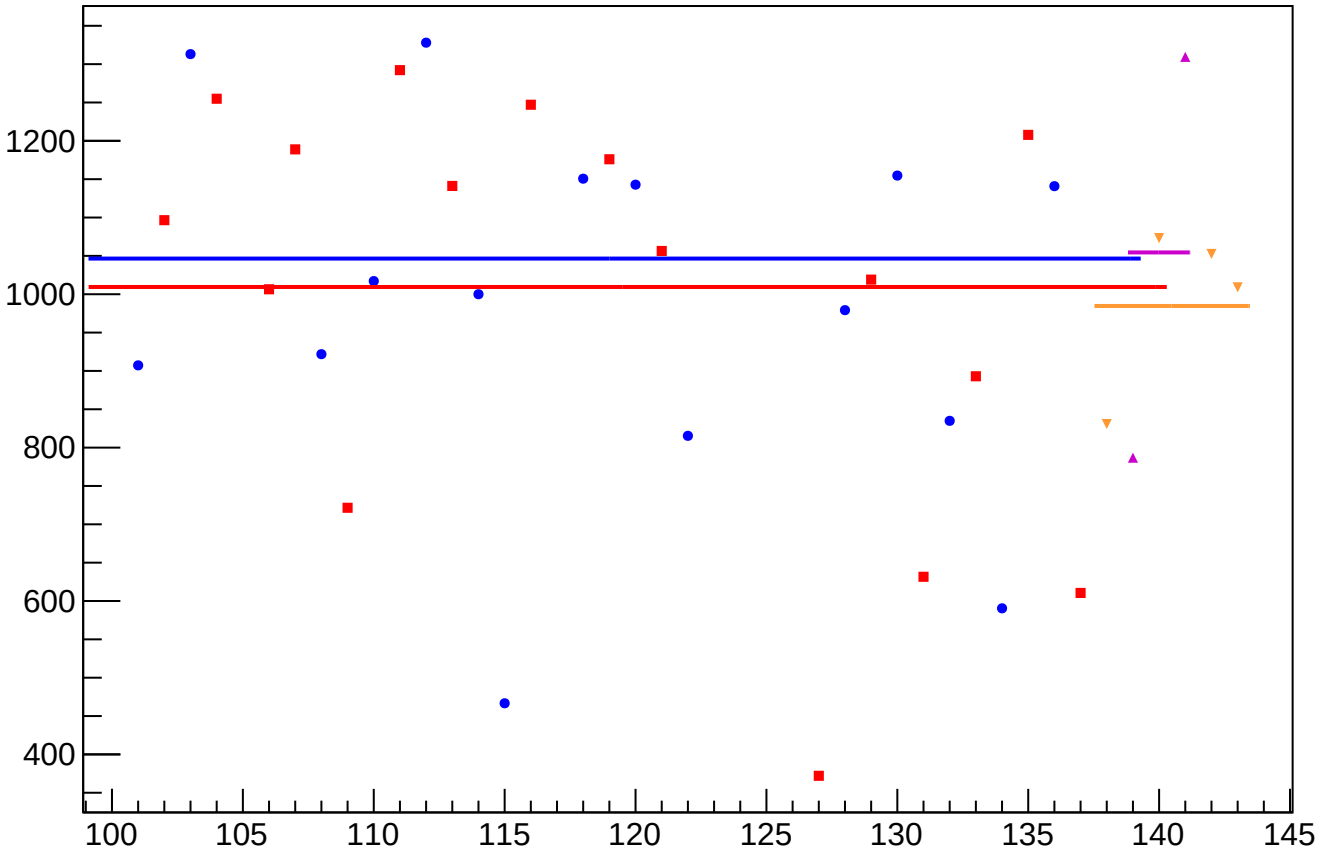
All: 5.962+/-0.000 χ^2/NDF: 2912553844903 2

Right Out: 4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

- sign 5.641+/-0.000 χ^2/NDF: 1329607972257175 2

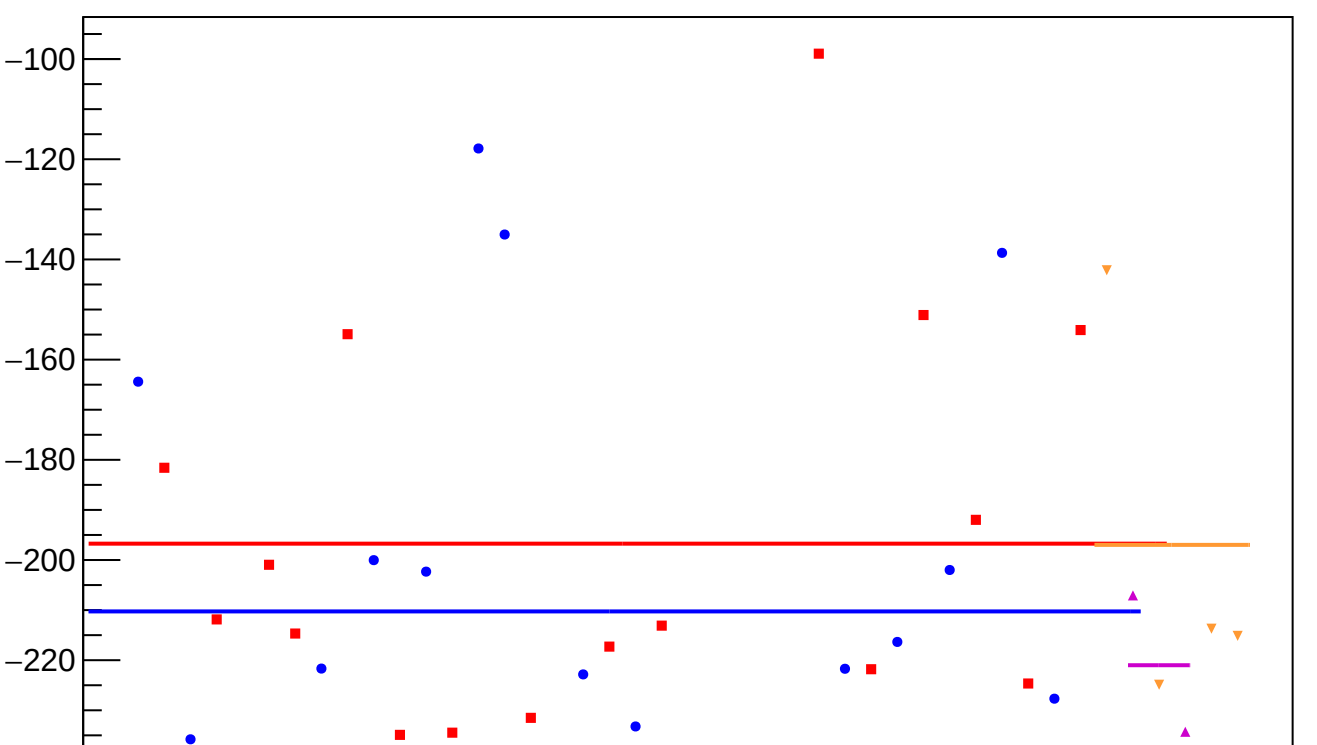
Left In: 10.513+/-0.000 χ^2/NDF:4588511677431786592135481917440.0/1

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747
Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF: 567711076568068409192467700494893056.0/14

+ sign -206.329+/-0.000 χ^2/NDF: 93489072707148

Left Out: -196.979+/-0.000 χ^2/NDF:333276241345123469350146800749641728.0/3

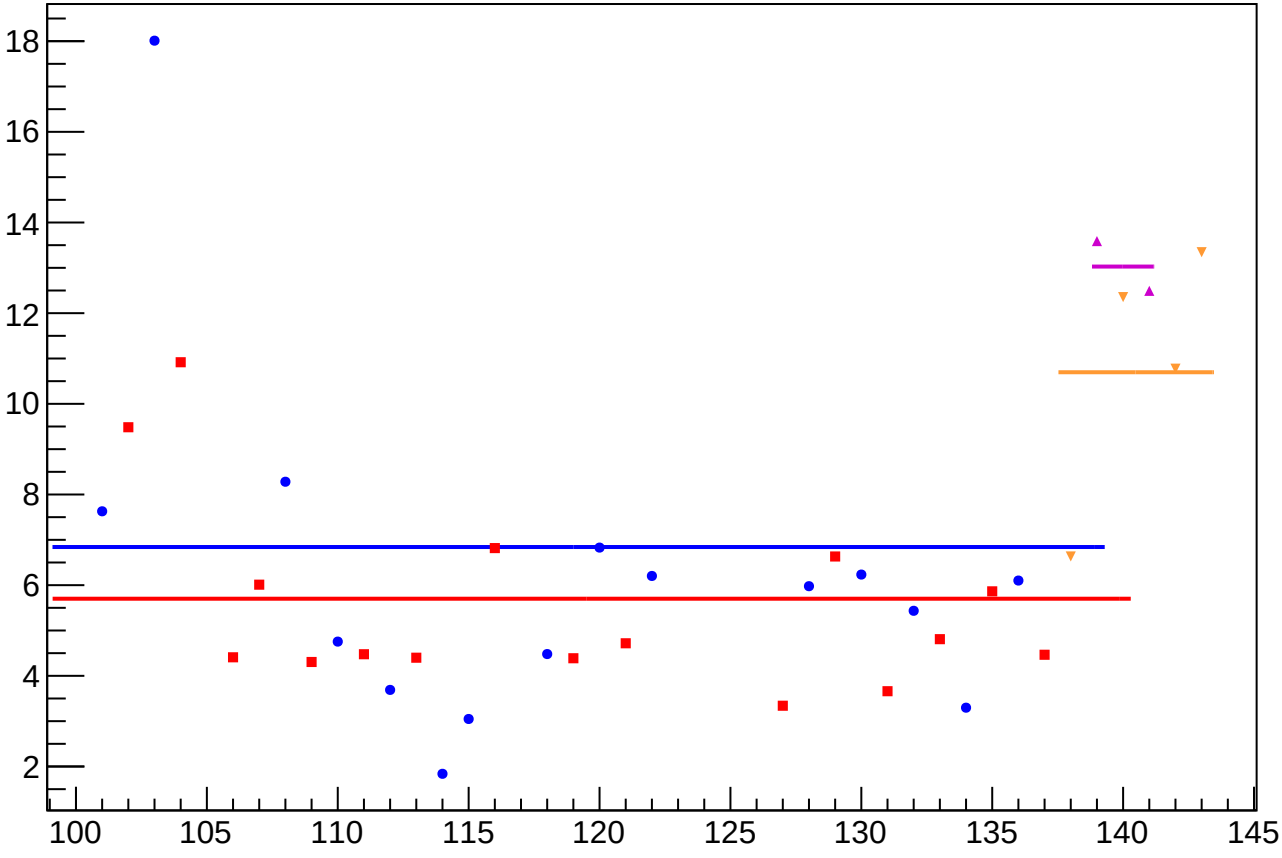
All: -204.071+/-0.000 χ^2/NDF: 19633801822

Right Out: -196.736+/-0.000 χ^2/NDF: 909588895093044840633640514790359040.0/15

- sign -201.572+/-0.000 χ^2/NDF: 10185888137388

Left In: -221.002+/-0.000 χ^2/NDF:307342074040793805286849906233835 52.0/1

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000 χ^2/NDF: 9355934166823324467316647620771840.0/14

+ sign 7.983+/-0.000 χ^2/NDF: 1419570864079608

Left Out: 10.697+/-0.000 χ^2/NDF:19833795835543646239481069421199 36.0/3

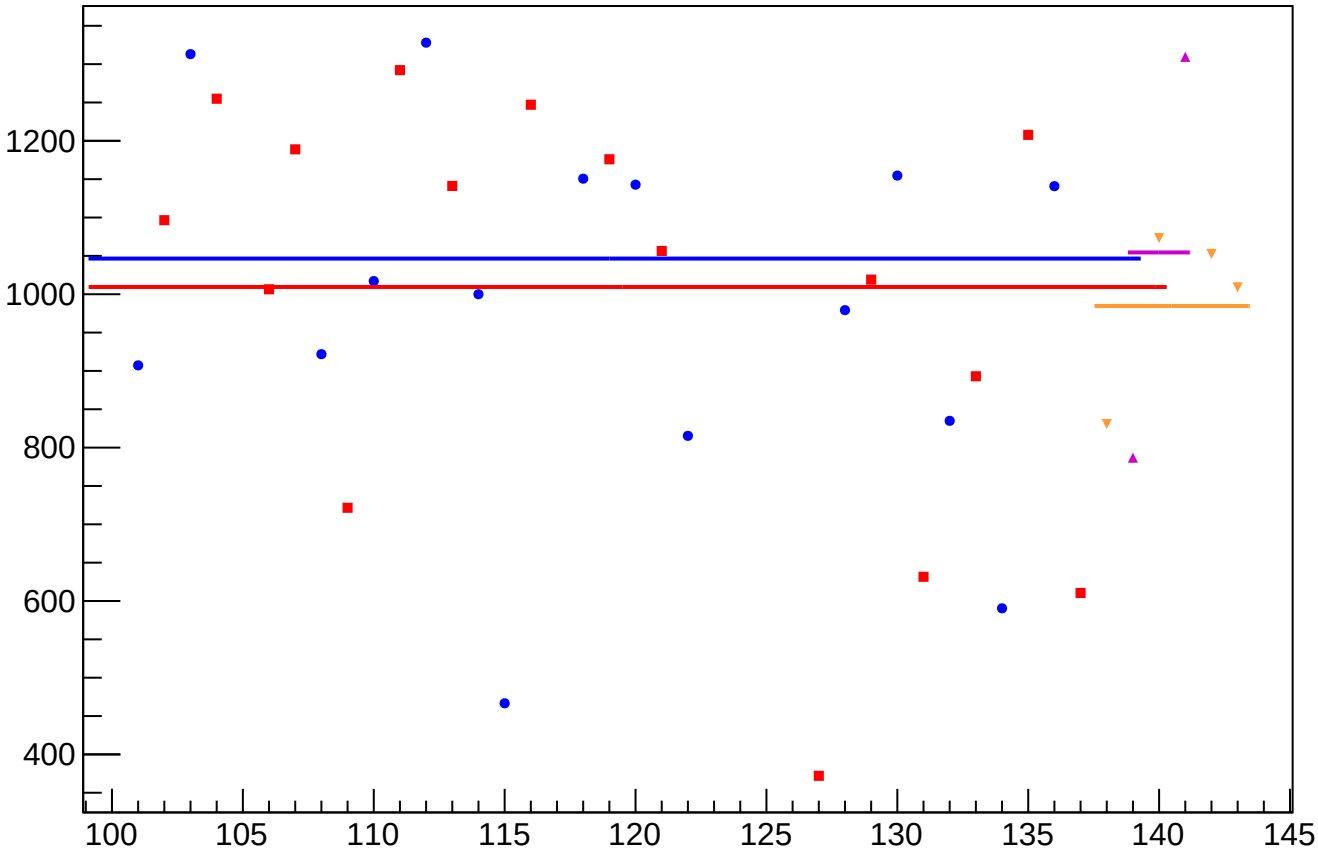
All: 7.593+/-0.000 χ^2/NDF: 2485170945151

Right Out: 5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15

- sign 7.161+/-0.000 χ^2/NDF: 10360416829836695

Left Out: 13.028+/-0.000 χ^2/NDF:49928596650732881260820356399104.0/1

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

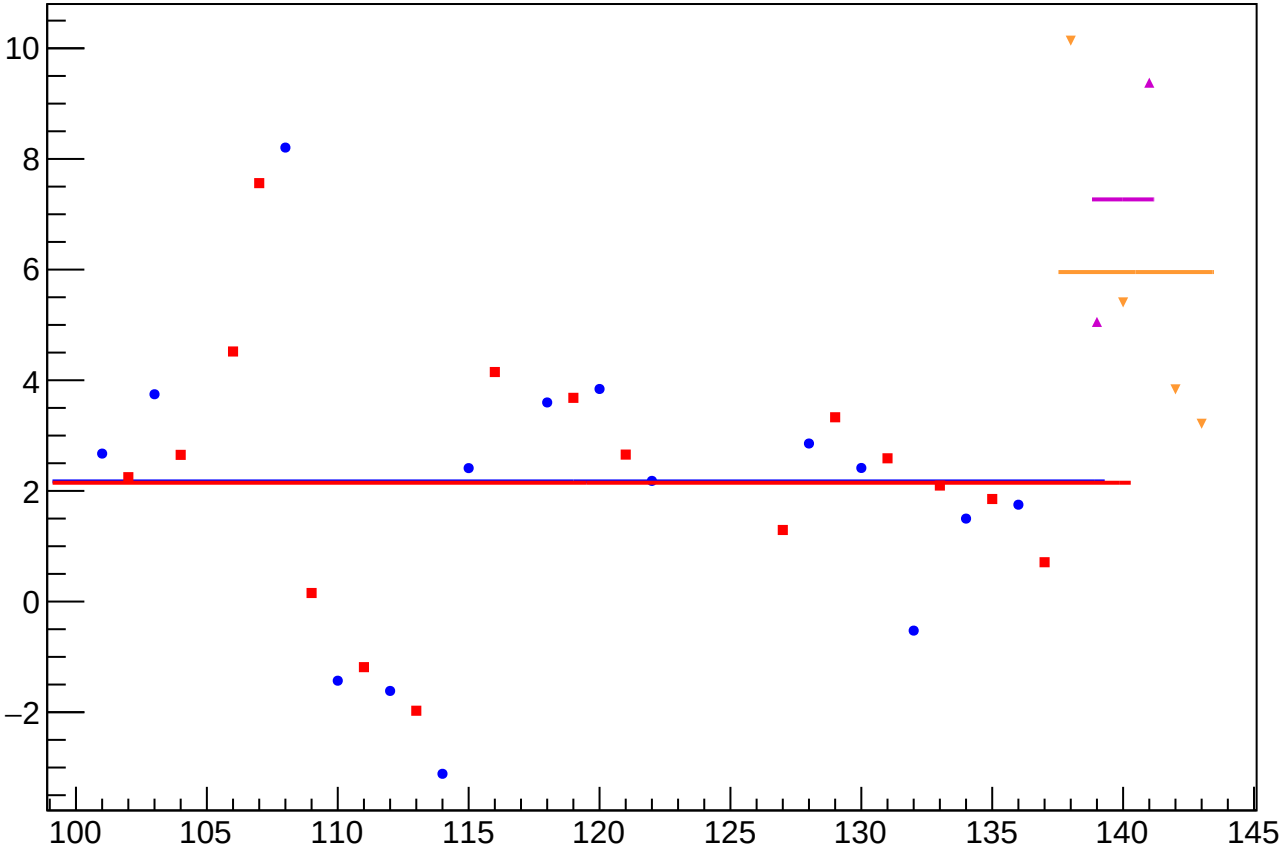
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747

Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

+ sign 3.292+/-0.000 χ^2/NDF: 8450945800979530 8

Left Out: 5.955+/-0.000 χ^2/NDF:20993996199173099085772583369441 28.0/3

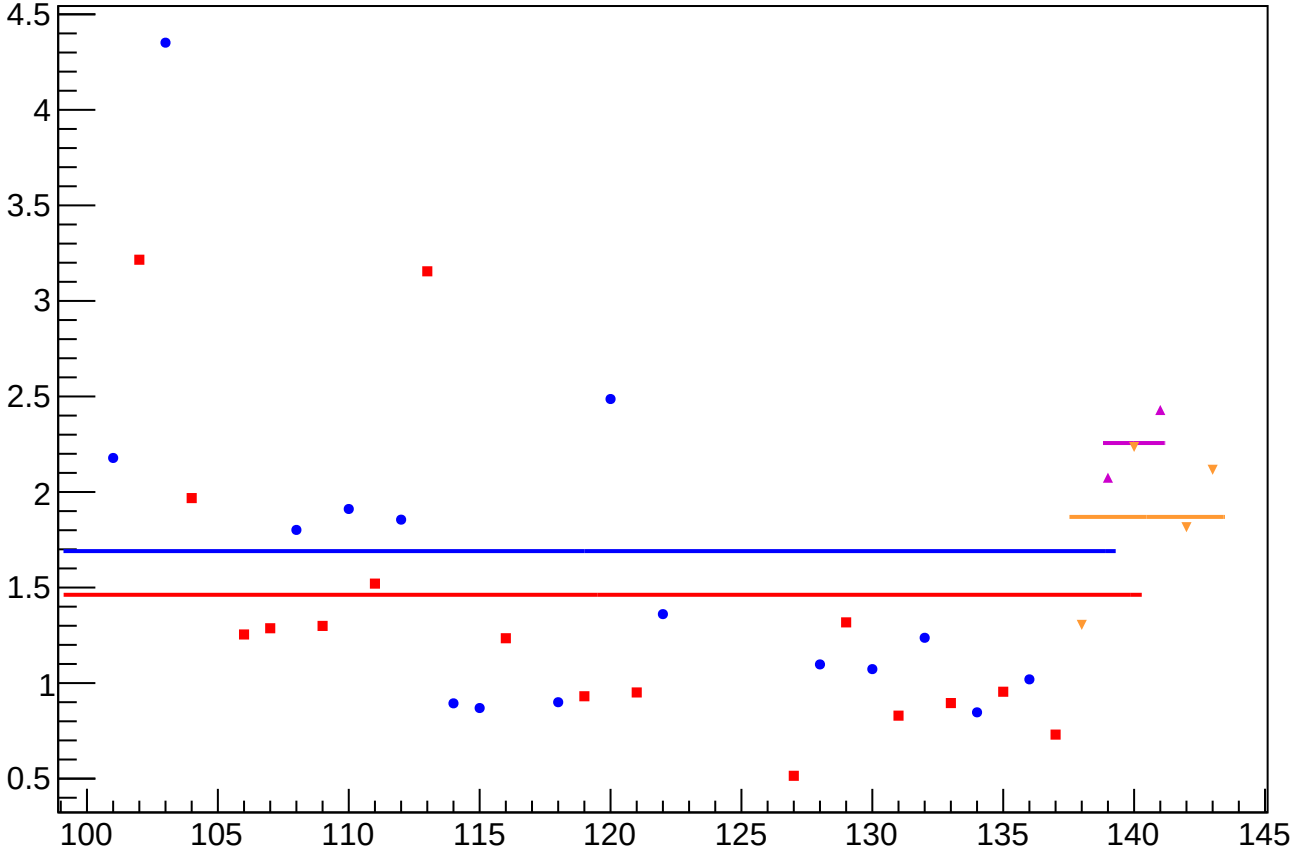
All: 3.233+/-0.000 χ^2/NDF: 1581263168943 0

Right Out: 2.148+/-0.000 χ^2/NDF: 30938873362393789596063219318784 00.0/15

- sign 3.168+/-0.000 χ^2/NDF: 7354986860453539 8

Left In: 7.269+/-0.000 χ^2/NDF:77537984080467174783462708923596 8.0/1

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

+ sign 1.744+/-0.000 χ^2/NDF: 6584229384618802

Left Out: 1.870+/-0.000 χ^2/NDF:40107644373138562112135911964672.0/3

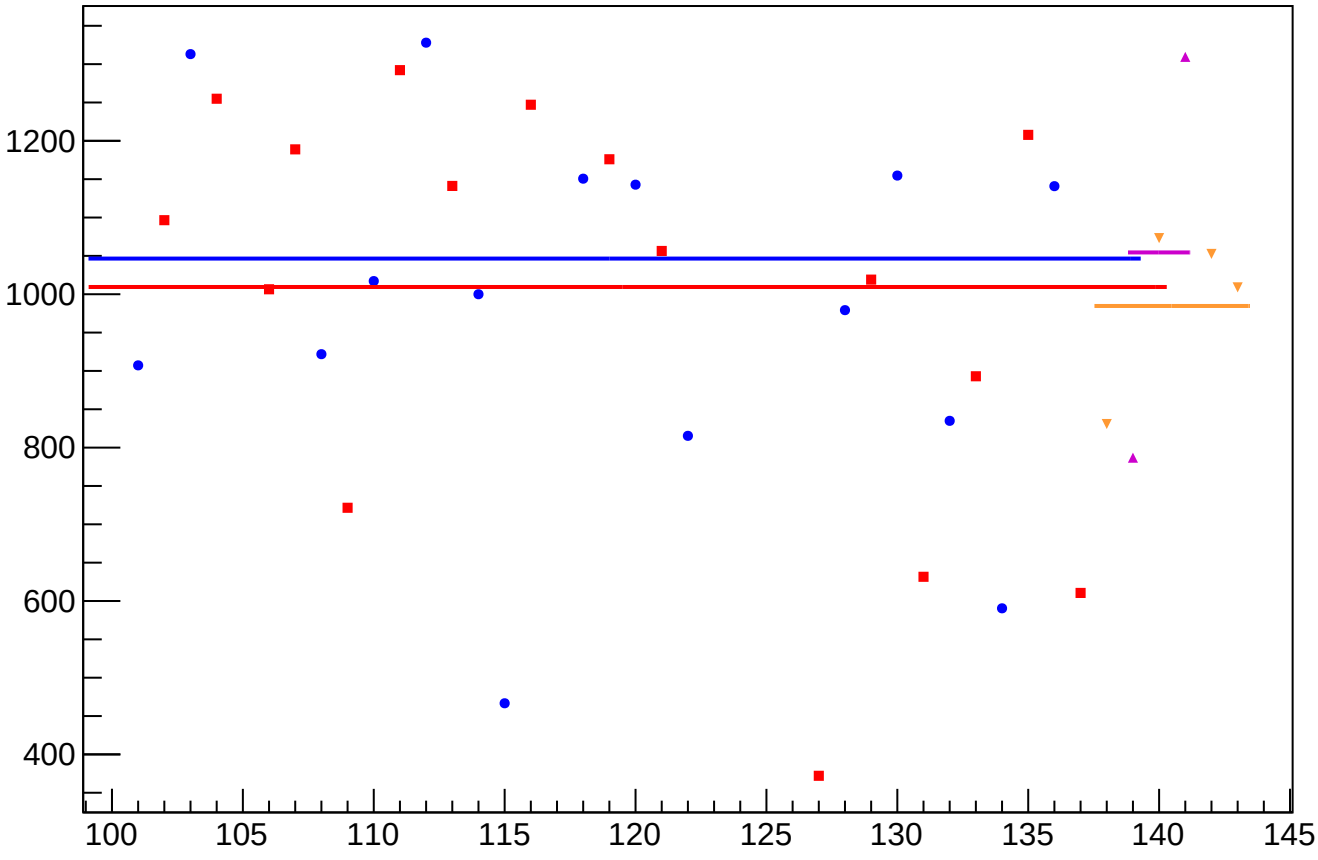
All: 1.685+/-0.000 χ^2/NDF: 1198524223428

Right Out: 1.462+/-0.000 χ^2/NDF: 4443845116625190400223717548359 68.0/15

- sign 1.620+/-0.000 χ^2/NDF: 53344143573154685

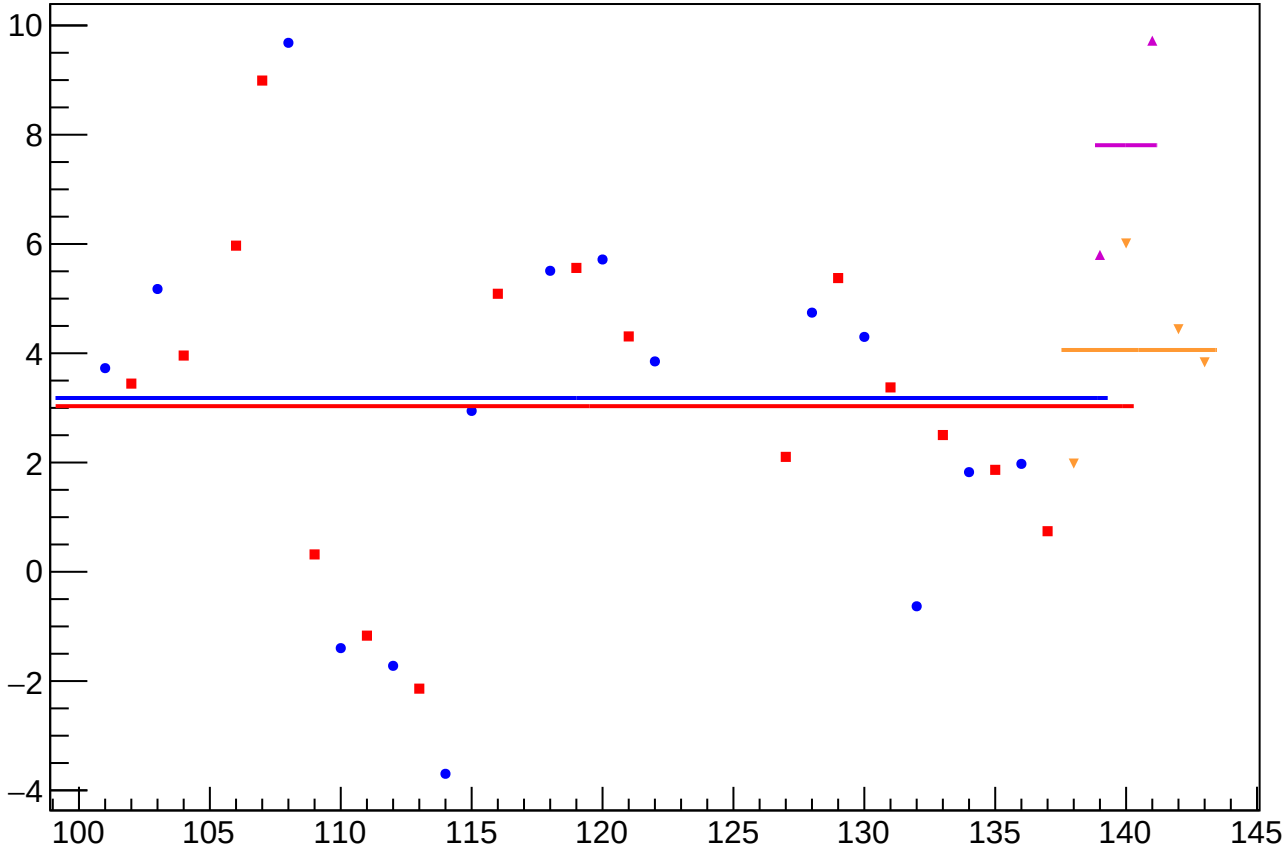
Left In: 2.256+/-0.000 χ^2/NDF:5207729809693972036298446209024.0/1

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918720/14

+ sign 3.441+/-0.000 χ^2/NDF: 66406537630361186

Left Out: 4.060+/-0.000 χ^2/NDF:65892020908846988717380098588672 0.0/3

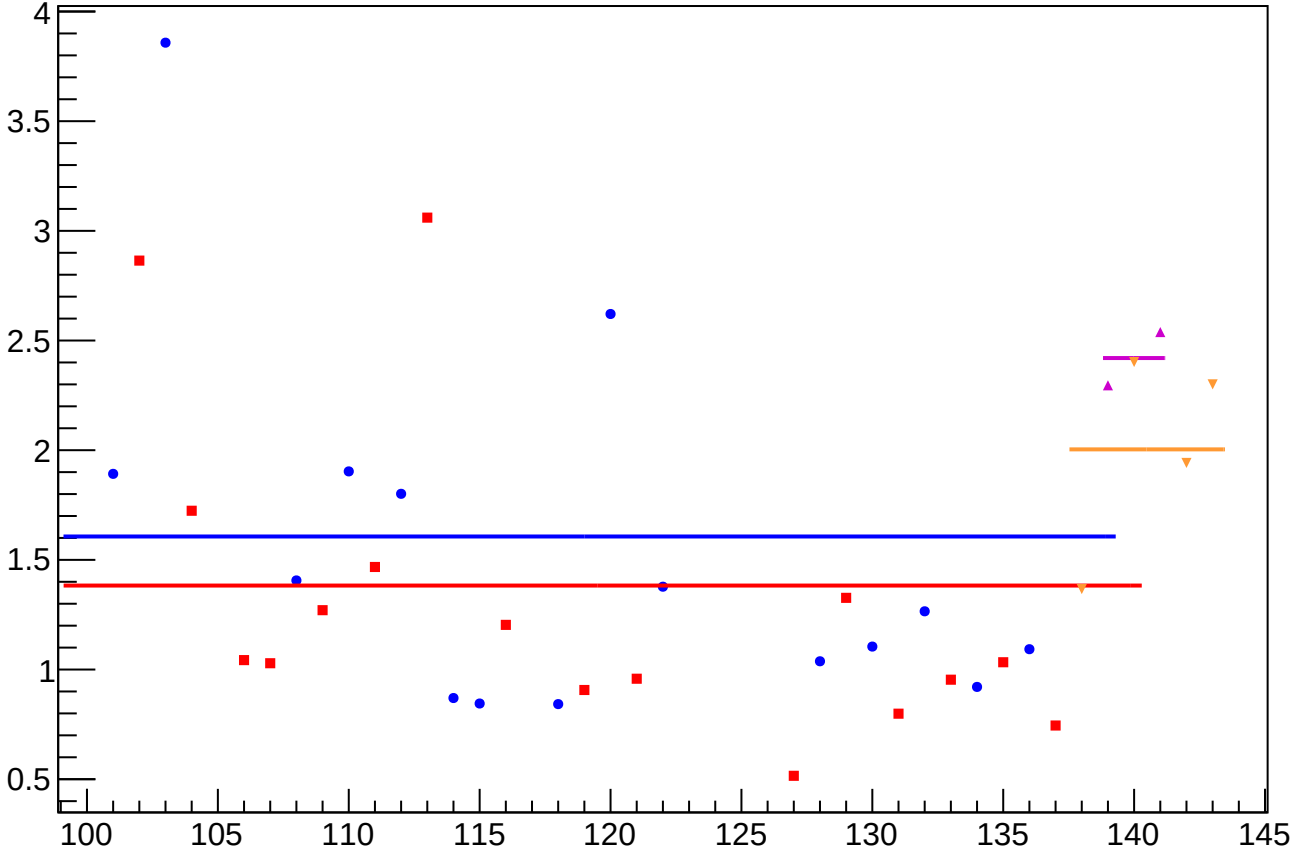
All: 3.699+/-0.000 χ^2/NDF: 1537649919803

Right Out: 3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

- sign 3.984+/-0.000 χ^2/NDF: 86072063045802708

Left In: 7.808+/-0.000 χ^2/NDF:63780066128960952363412994234777 6.0/1

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

Left Out: 2.004+/-0.000 χ^2/NDF:5071957549930293613610069183692 8.0/3

Right Out: 1.383+/-0.000 χ^2/NDF: 3583488970162862009576503377920 00.0/15

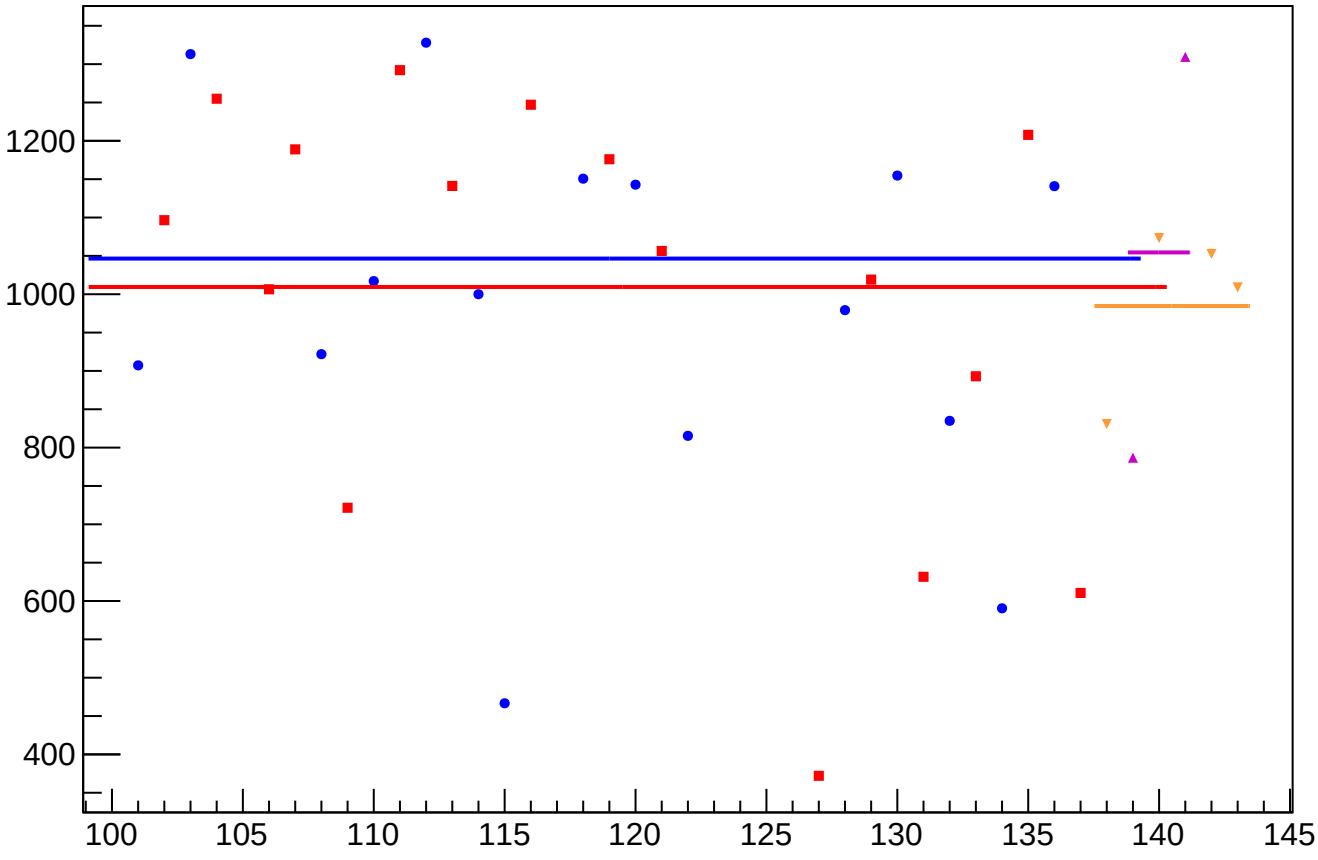
Left In: 2.420+/-0.000 χ^2/NDF:2444178228126960828750915174400.0/1

+ sign 1.724+/-0.000 χ^2/NDF: 5419783302778844

All: 1.660+/-0.000 χ^2/NDF: 1053700512900

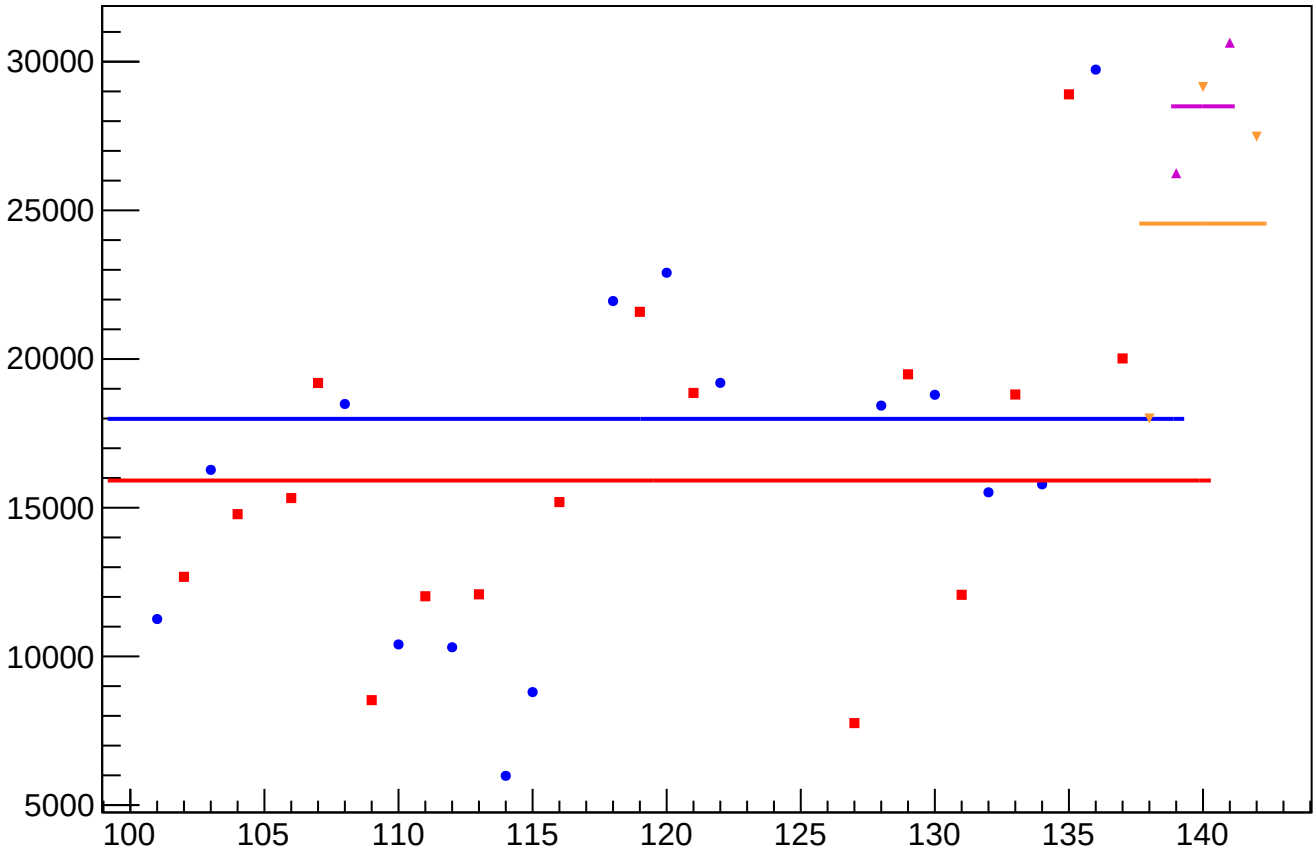
- sign 1.590+/-0.000 χ^2/NDF: 50379405060442631

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

+ sign 19570.226+/-0.000 χ^2/NDF: 3703110299618

Left Out: 24554.423+/-0.000 χ^2/NDF:5474141393484236201179337731011824844800.0/2

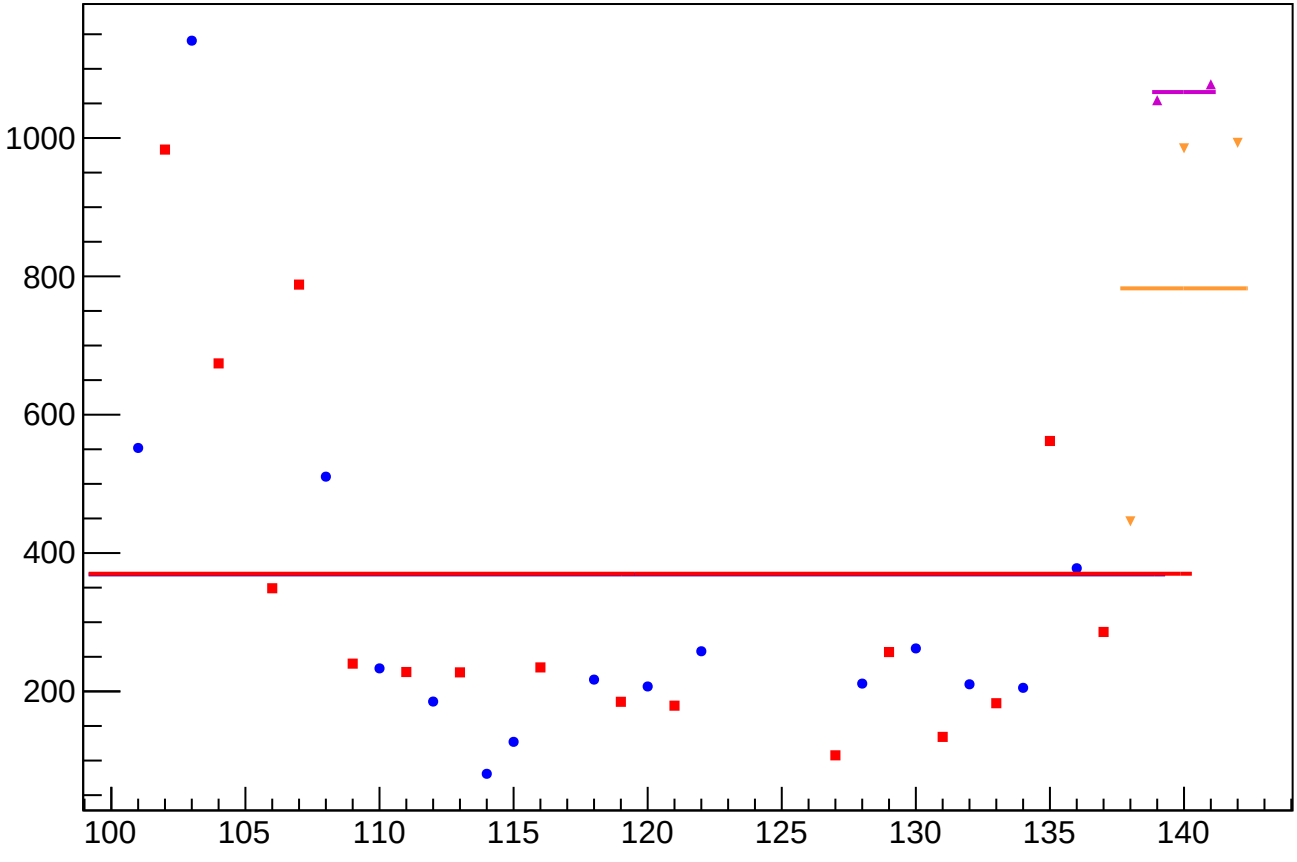
All: 19003.988+/-0.000 χ^2/NDF: 7938518741

Right Out: 15915.227+/-0.000 χ^2/NDF: 1995418967470595270704228741608722399232 0.0/15

- sign 18422.796+/-0.000 χ^2/NDF: 4179857547196

Left In: 28498.388+/-0.000 χ^2/NDF:7984427391420152972037170783041848606 72.0/1

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF: 4805303678956548599419583334137095782 4.0/14

Left Out: 782.643+/-0.000 χ^2/NDF:1424464809572156011937168818633179136 0.0/2

Right Out: 370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15

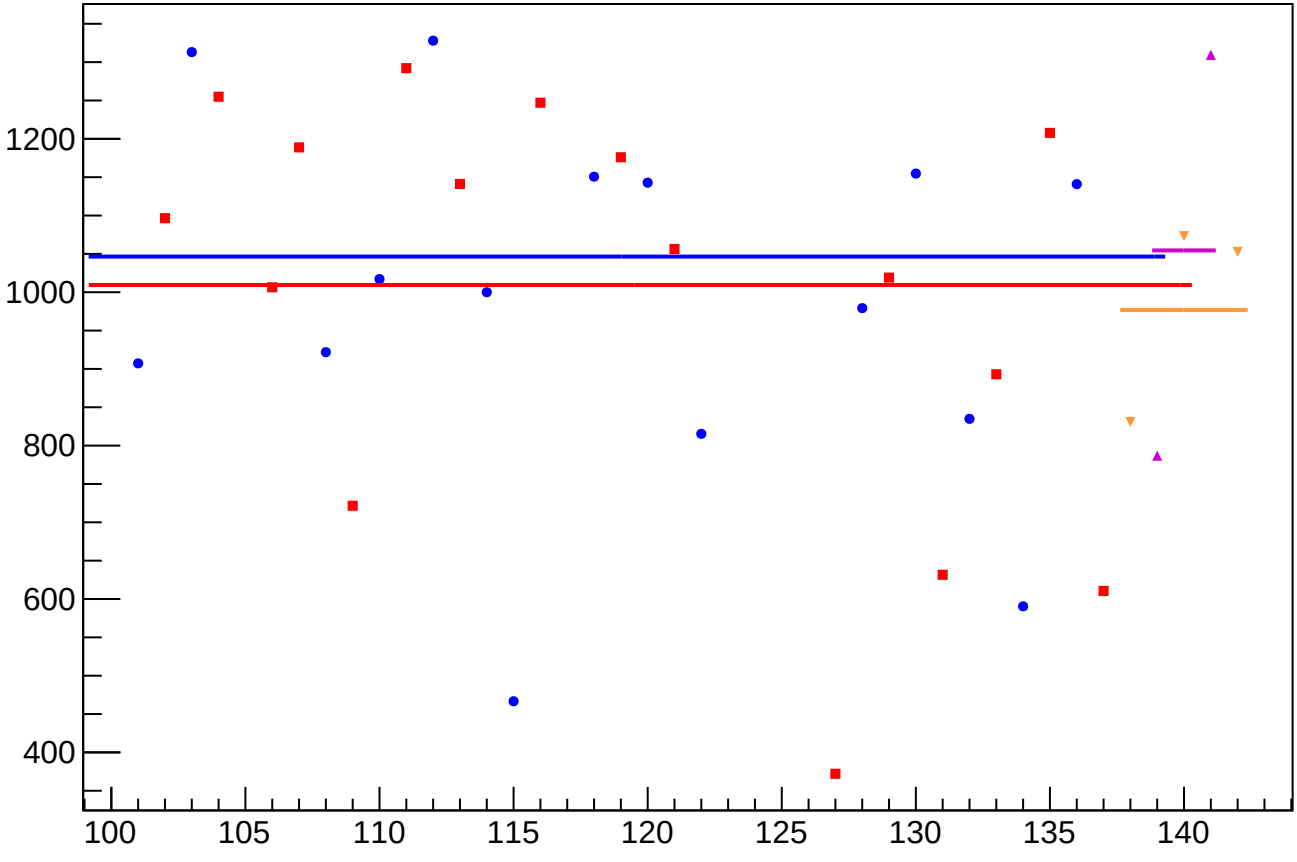
Left In: 1066.435+/-0.000 χ^2/NDF:2191187864348584865328457430387916 8.0/1

+ sign 468.789+/-0.000 χ^2/NDF: 8903045604049 75

All: 488.563+/-0.000 χ^2/NDF: 2023962732 89

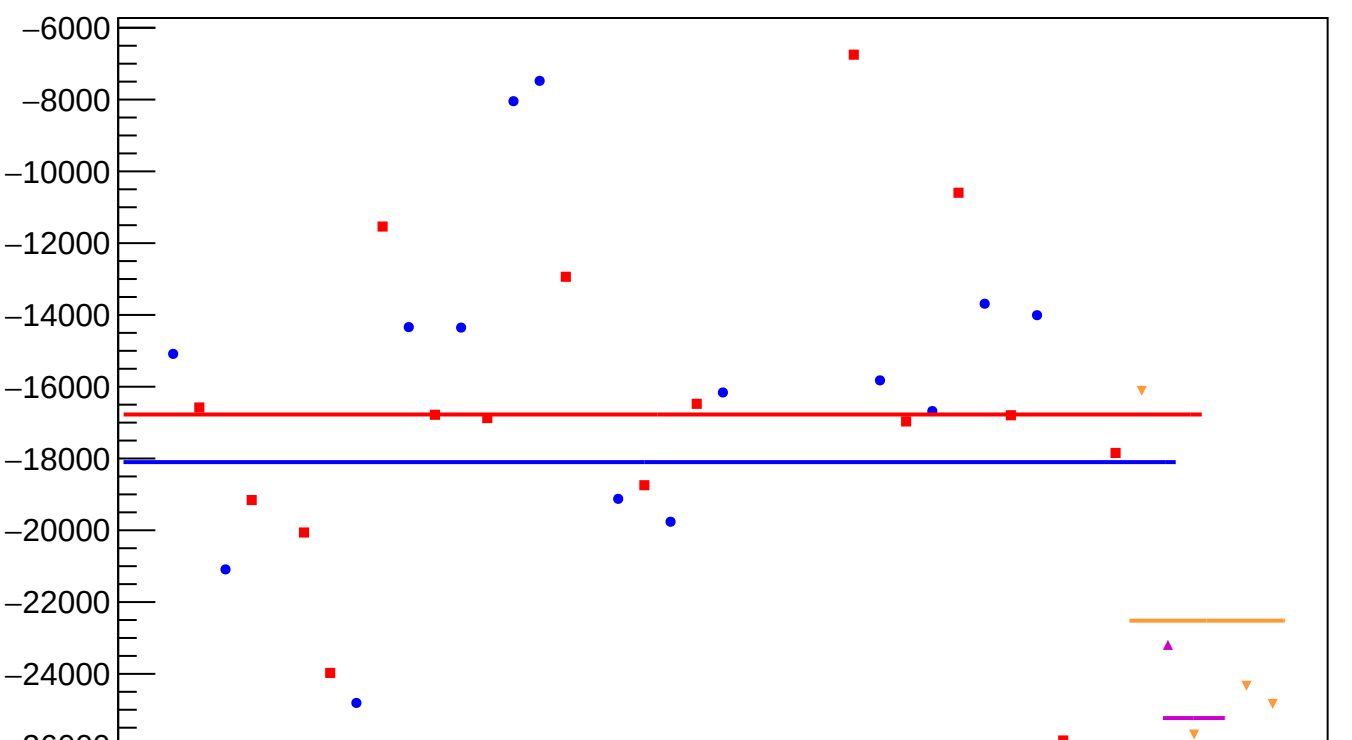
- sign 508.858+/-0.000 χ^2/NDF: 1126884003635 72

dit_usl_coil1_Ndata_mean vs Slug



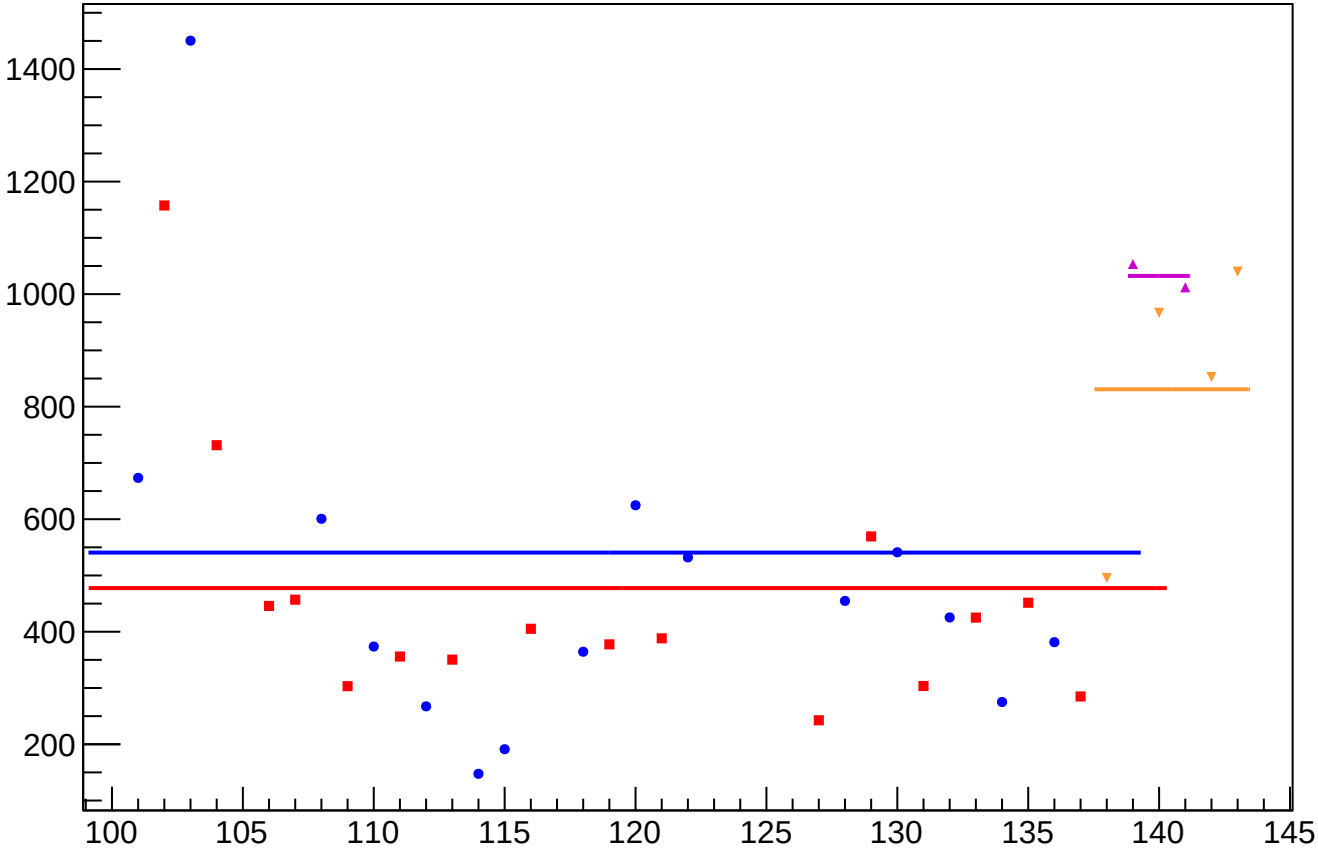
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1029.696+/-0.000 χ^2/NDF: 28315314756563
Left Out: 976.786+/-0.000 χ^2/NDF:26889658416839889165688196271523758 08.0/2
All: 1024.133+/-0.000 χ^2/NDF: 8456971777
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747
Left In: 1054.494+/-0.000 χ^2/NDF:1132825224691699933669465733542078 0544.0/1

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14
+ sign -19408.445+/-0.000 χ^2/NDF: 229184702590
Left Out: -22517.481+/-0.000 χ^2/NDF:4534630714000650706542121281932276793344.0/3
All: -18957.820+/-0.000 χ^2/NDF: 477132182
Right Out: -16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617 8304.0/15
- sign -18459.050+/-0.000 χ^2/NDF: 2440029756798
Left In: -25231.293+/-0.000 χ^2/NDF:6576798190199551411603265887556536893 44.0/1

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

Left Out: 830.909+/-0.000 χ^2/NDF:1323746280726285458139180016594845696 0.0/3

Right Out: 477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

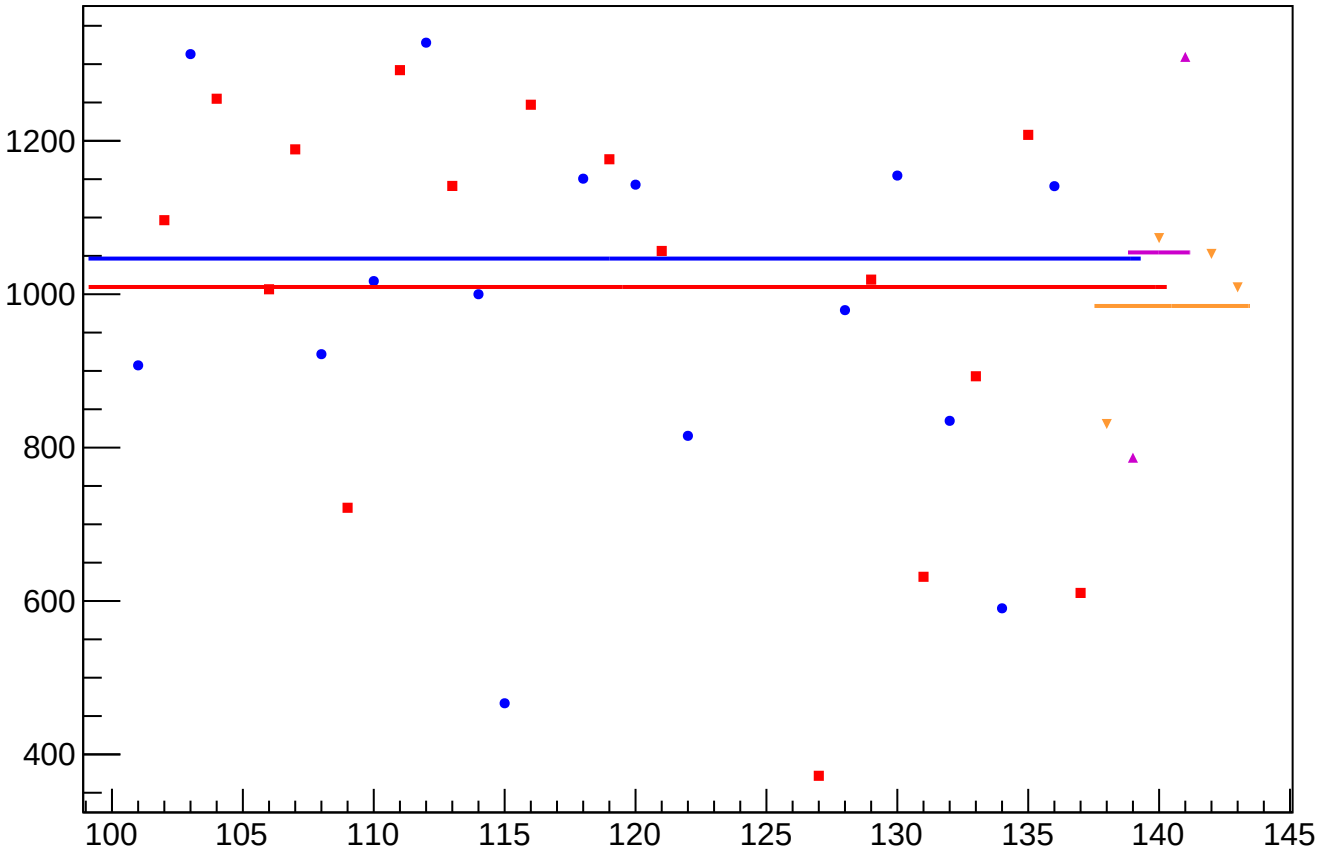
Left In: 1032.365+/-0.000 χ^2/NDF:7130854018121981548605417081064652 8.0/1

+ sign 626.603+/-0.000 χ^2/NDF: 939728740397498

All: 608.333+/-0.000 χ^2/NDF: 17440680155

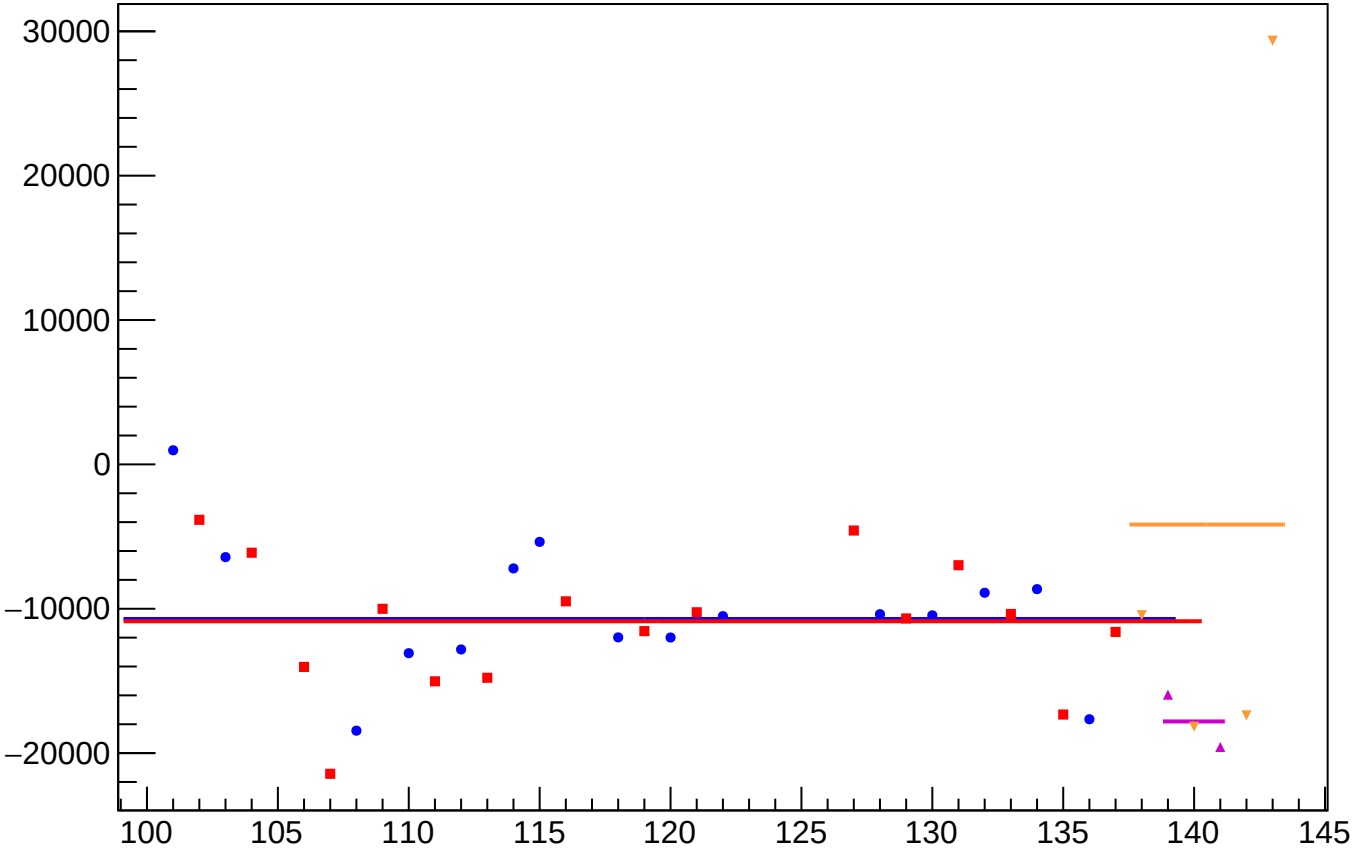
- sign 588.110+/-0.000 χ^2/NDF: 797855075766337

dit_usr_coil1_Ndata_mean vs Slug



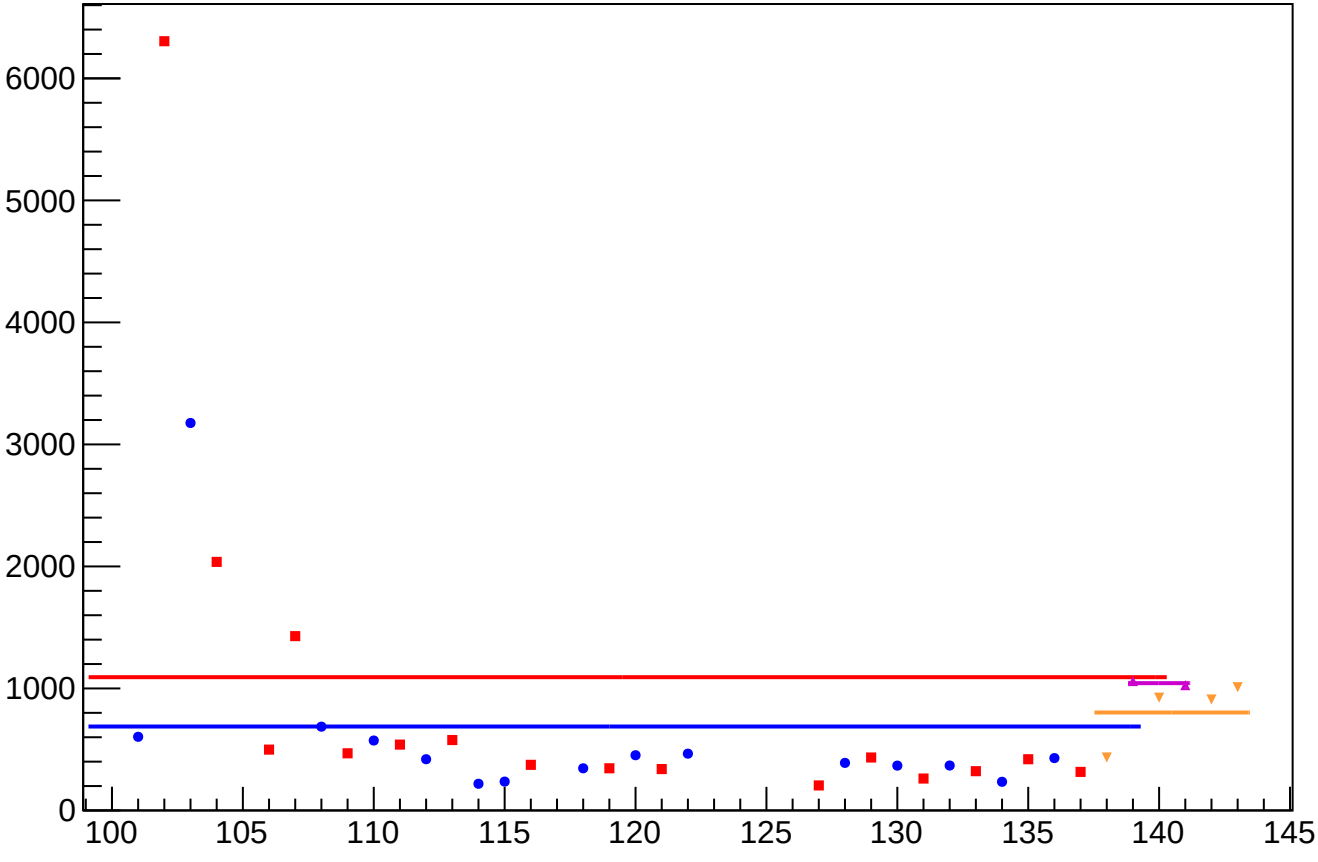
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:2741283648795873389596451082636099584.0/3
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747
Left In: 1054.494+/-0.000 χ^2/NDF:1132825224691699933669465733542078054 4.0/1

dit_atl1_coil1_mean vs Slug



Right In: -10710.292+/-0.000 χ^2/NDF: 16945226152053511840482618402250170564608.0/14
+ sign -8773.212+/-0.000 χ^2/NDF: 1276380175582
Left Out: -4168.212+/-0.000 χ^2/NDF:102468316429632460023050678513723661877248.0/3
All: -10423.168+/-0.000 χ^2/NDF: 154109217
Right Out: -10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15
- sign -12249.411+/-0.000 χ^2/NDF: 2118299964111
Left In: -17806.994+/-0.000 χ^2/NDF:5450051450910817791475561142371473162 24.0/1

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF: 409297141104301509817753390759024787456.0/14

+ sign 721.947+/-0.000 χ^2/NDF: 427050278094971

Left Out: 802.796+/-0.000 χ^2/NDF:15218052061567848553574518594264367104.0/3

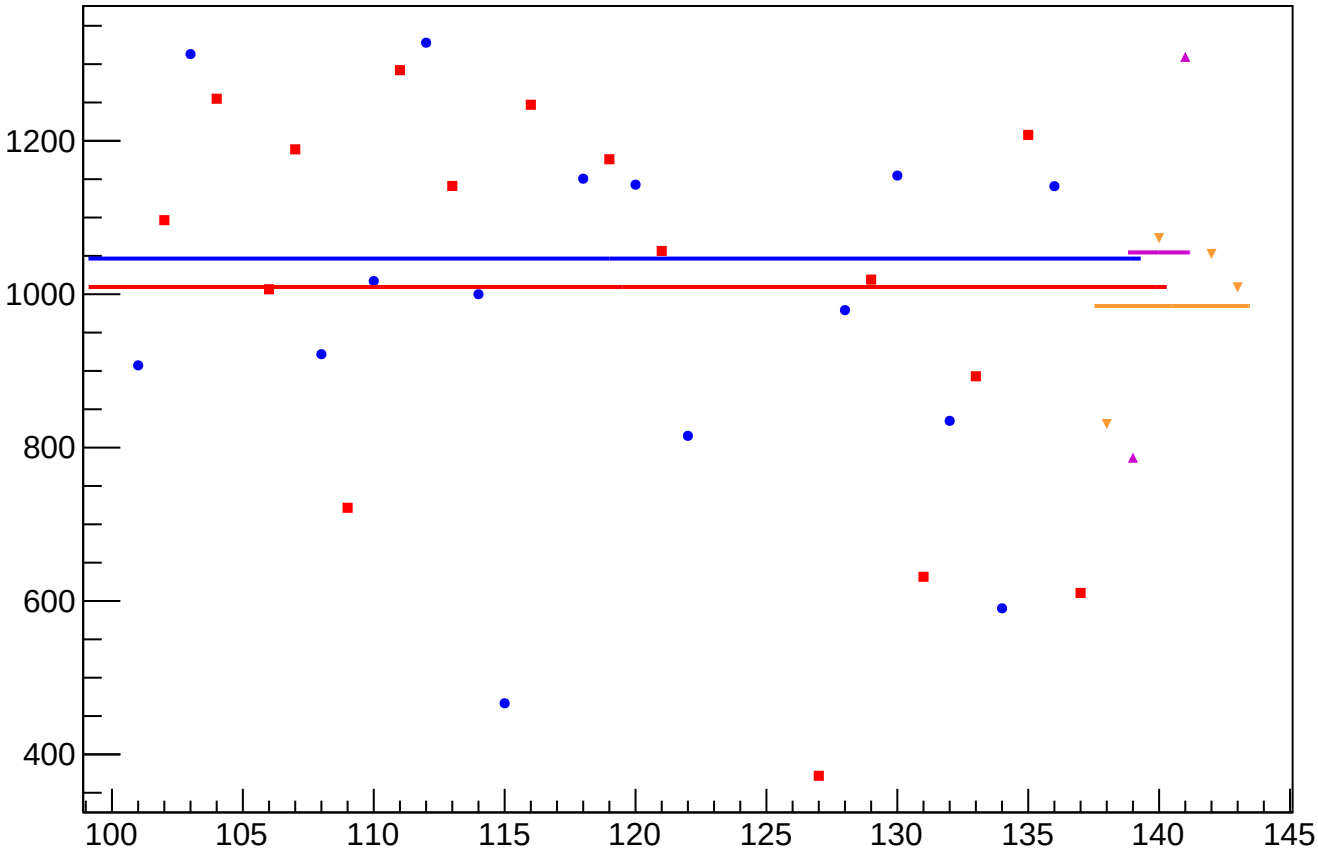
All: 893.093+/-0.000 χ^2/NDF: 23675107154

Right Out: 1092.265+/-0.000 χ^2/NDF: 188319814292960581345623381294694845644 8.0/15

- sign 1082.525+/-0.000 χ^2/NDF: 18835626555585

Left In: 1043.388+/-0.000 χ^2/NDF:46968481174146028303064984413274112.0/1

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

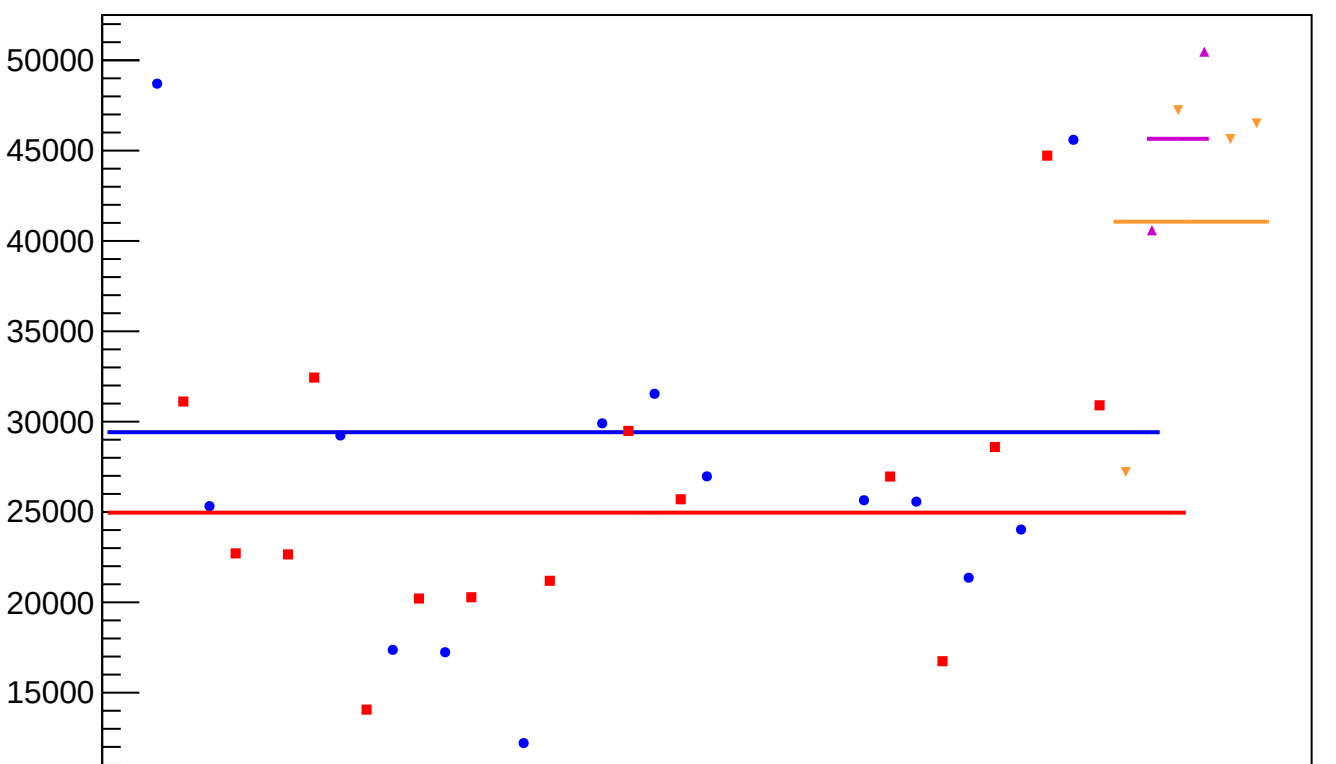
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747

Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Left Out: 41066.759+/-0.000 χ^2/NDF:2104607011994214967938315690578513231872 0.0/3

Right Out: 24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

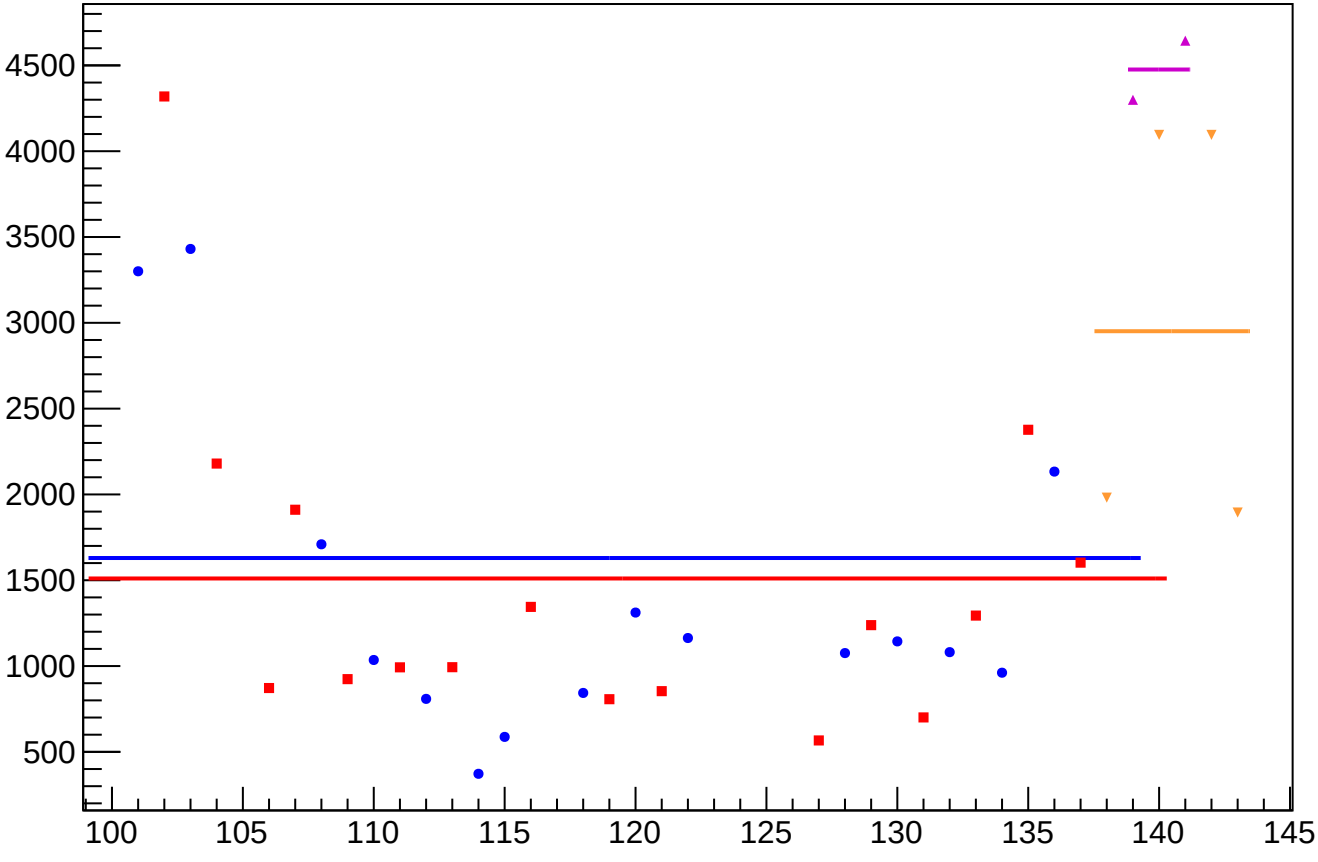
Left In: 45653.689+/-0.000 χ^2/NDF:4050141106459007988685620053424966991872.0/1

+ sign 32865.617+/-0.000 χ^2/NDF: 1188964637820

All: 31071.760+/-0.000 χ^2/NDF: 2317324468

- sign 29086.243+/-0.000 χ^2/NDF: 1065851406418

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

+ sign 2020.850+/-0.000 χ^2/NDF: 12030274338478

Left Out: 2951.104+/-0.000 χ^2/NDF:3156661909985937543426533988155942502 40.0/3

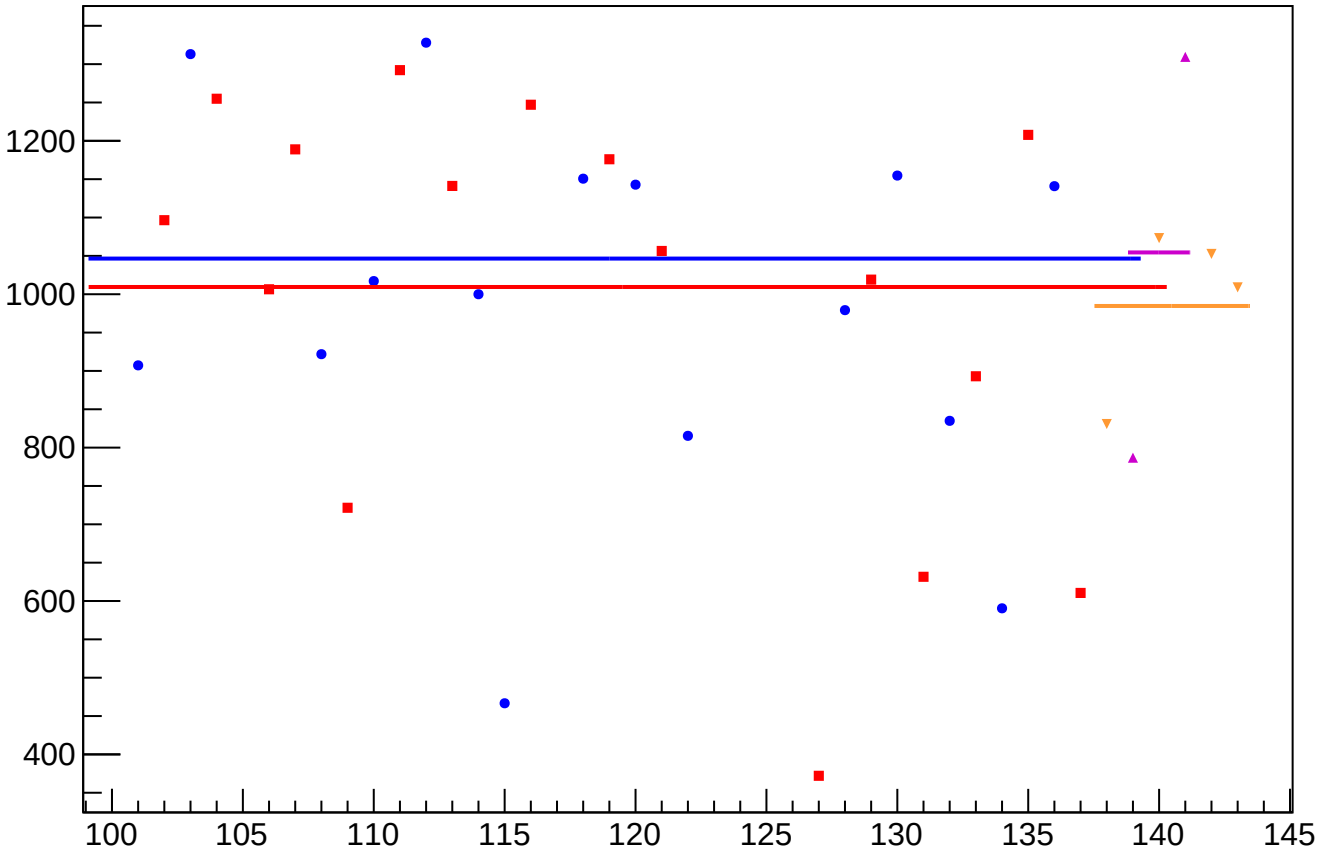
All: 2059.033+/-0.000 χ^2/NDF: 3068082954 6

Right Out: 1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

- sign 2101.295+/-0.000 χ^2/NDF: 18622235173529

Left In: 4475.984+/-0.000 χ^2/NDF:4921224332402398845105125452081528832.0/1

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

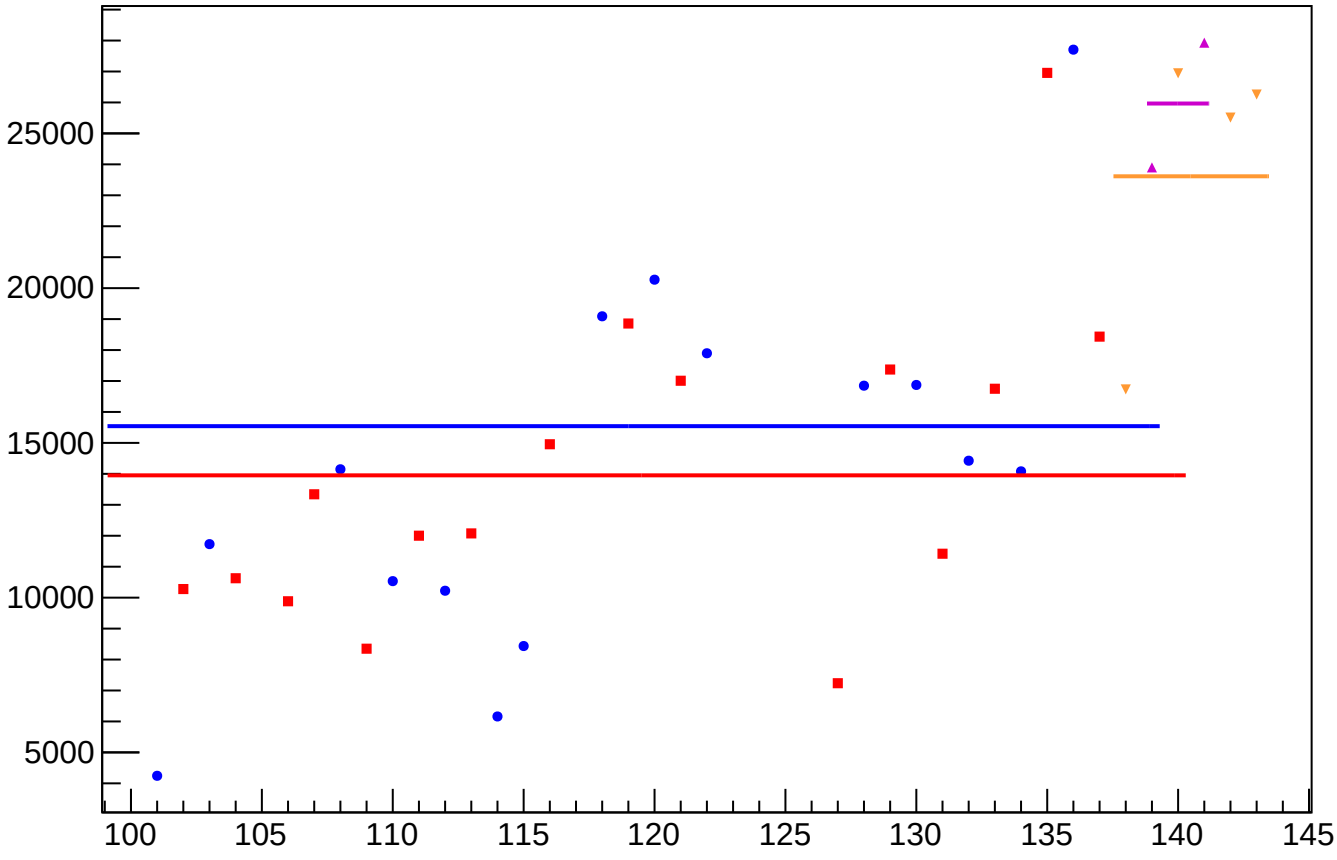
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747

Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

+ sign 17931.269+/-0.000 χ^2/NDF: 4514799987337

Left Out: 23614.136+/-0.000 χ^2/NDF:5239184590036378811971075138202160332800.0/3

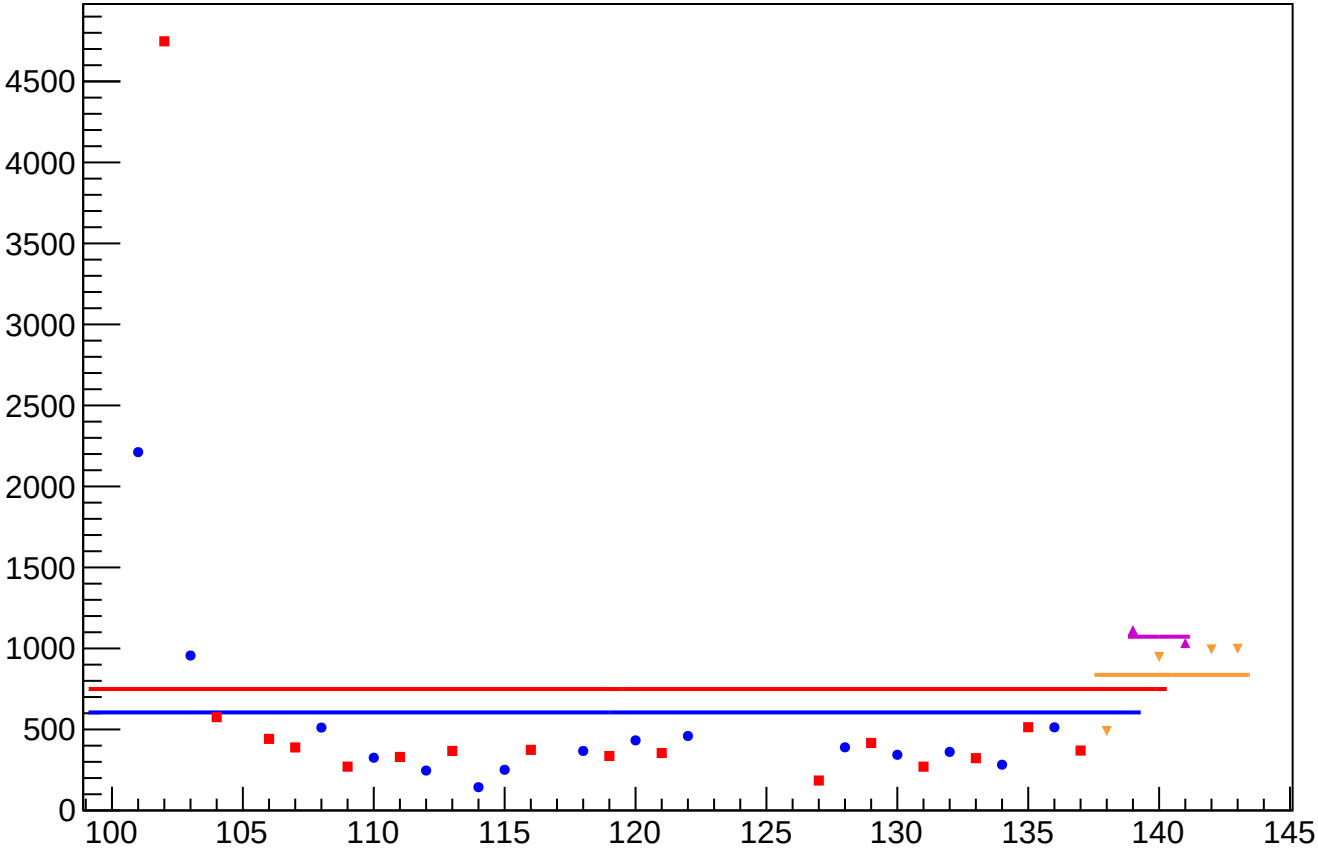
All: 17178.766+/-0.000 χ^2/NDF: 8305924164

Right Out: 13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

- sign 16345.863+/-0.000 χ^2/NDF: 3681127445300

Left In: 25965.385+/-0.000 χ^2/NDF:6734222657642921007652167885153307197 44.0/1

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF: 189401522791607614448600157723362852864.0/14

+ sign 673.690+/-0.000 χ^2/NDF: 212969239751333

Left Out: 836.904+/-0.000 χ^2/NDF:132361422458280203579015997233697914 88.0/3

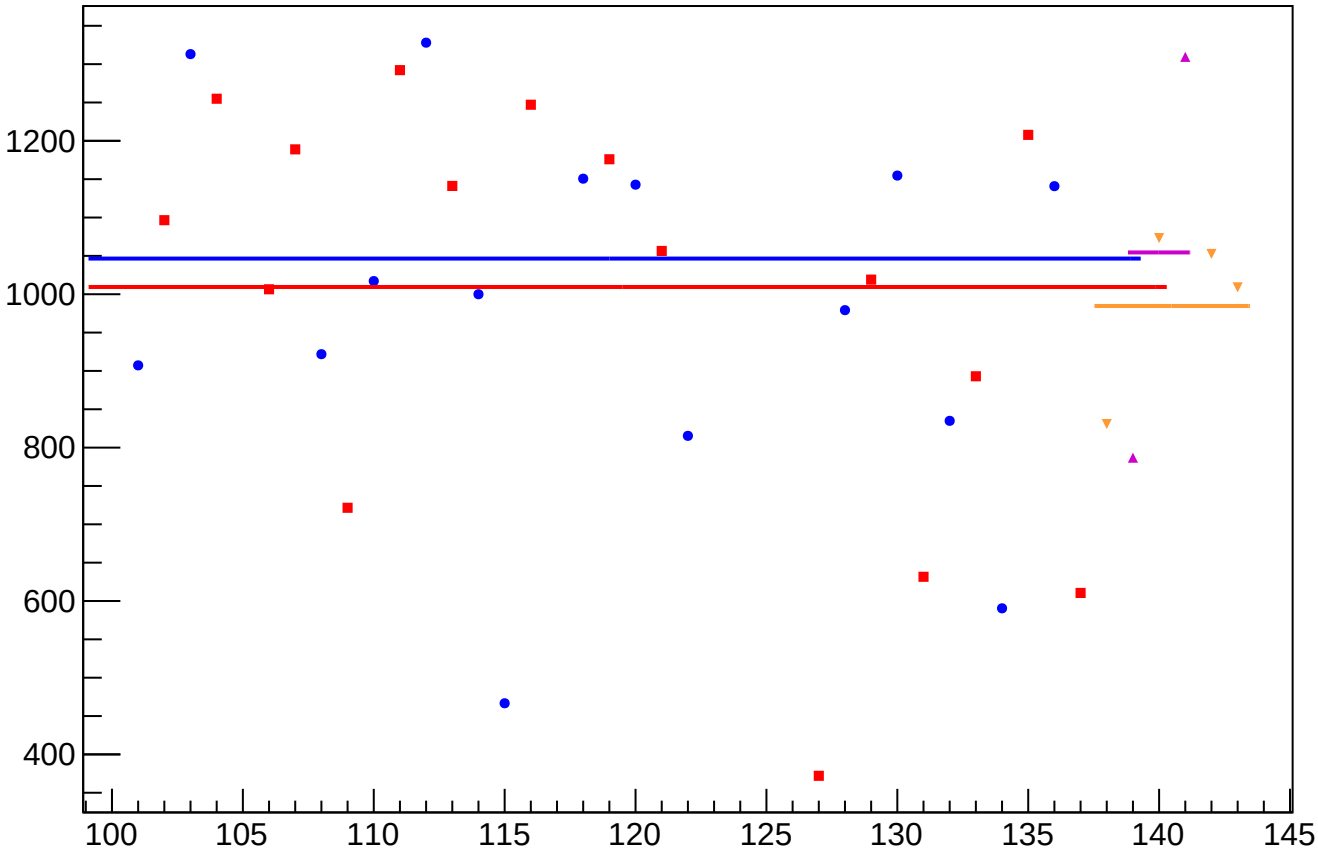
All: 740.253+/-0.000 χ^2/NDF: 12570622353 5

Right Out: 749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418 8928.0/15

- sign 813.928+/-0.000 χ^2/NDF: 103548638599281

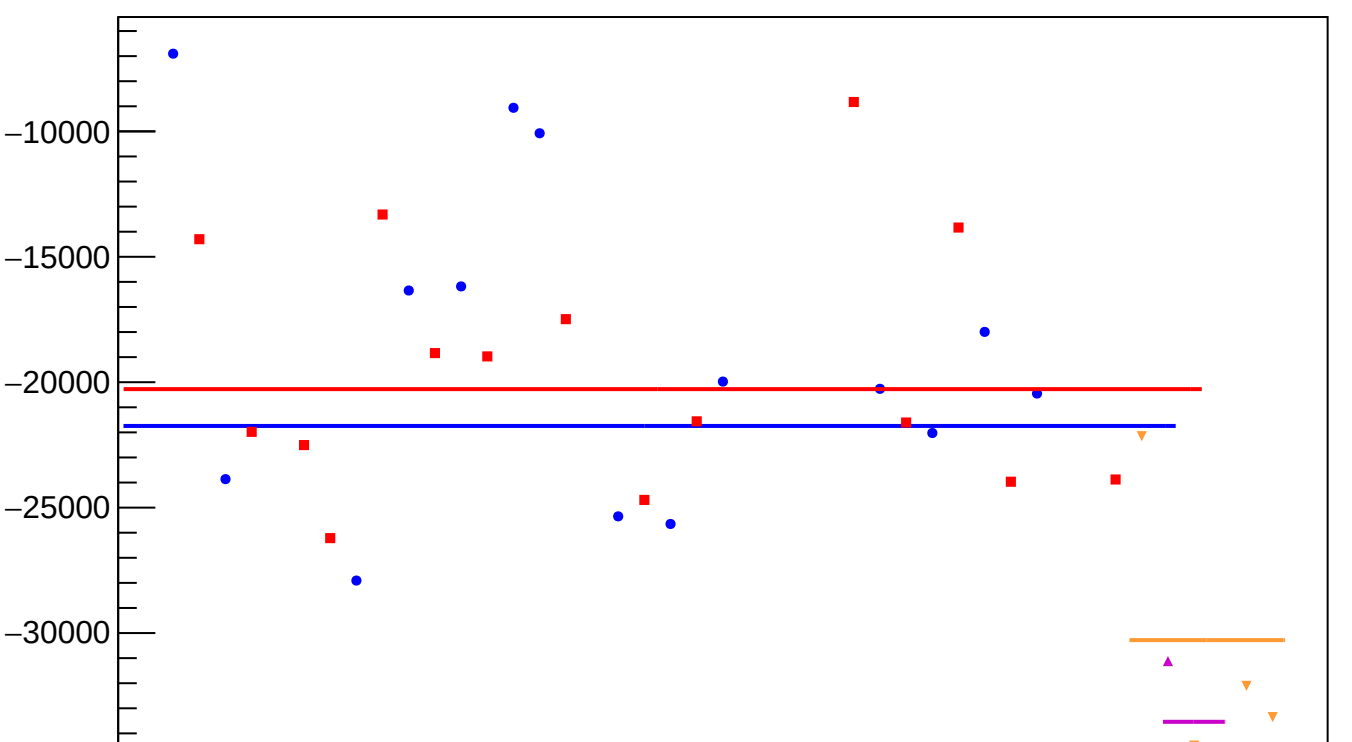
Left In: 1072.474+/-0.000 χ^2/NDF:269550662628072246754753710192066560.0/1

dit_atr1_coil1_Ndata_mean vs Slug



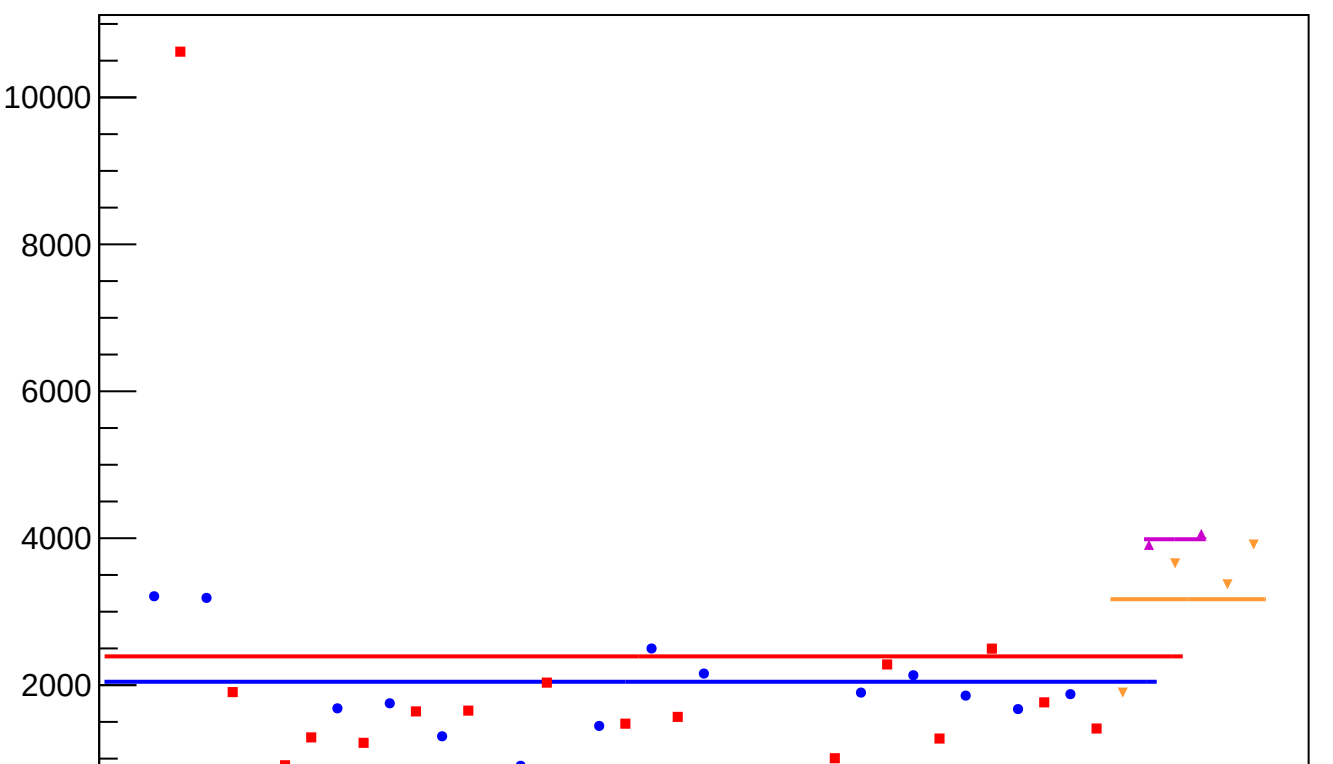
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747
Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF: 4110685882357952732519867567539879306854 4.0/14
+ sign -24271.692+/-0.000 χ^2/NDF: 625069987312
Left Out: -30282.271+/-0.000 χ^2/NDF:7388744856184900054168561337066175070208.0/3
All: -23629.432+/-0.000 χ^2/NDF: 113554616
Right Out: -20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15
- sign -22918.551+/-0.000 χ^2/NDF: 5024633566893
Left In: -33538.862+/-0.000 χ^2/NDF:9273846341111218913410100233885156638 72.0/1

dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

+ sign 2379.039+/-0.000 χ^2/NDF: 69378027838511

Left Out: 3169.927+/-0.000 χ^2/NDF:184631247266405720127844960372135034880.0/3

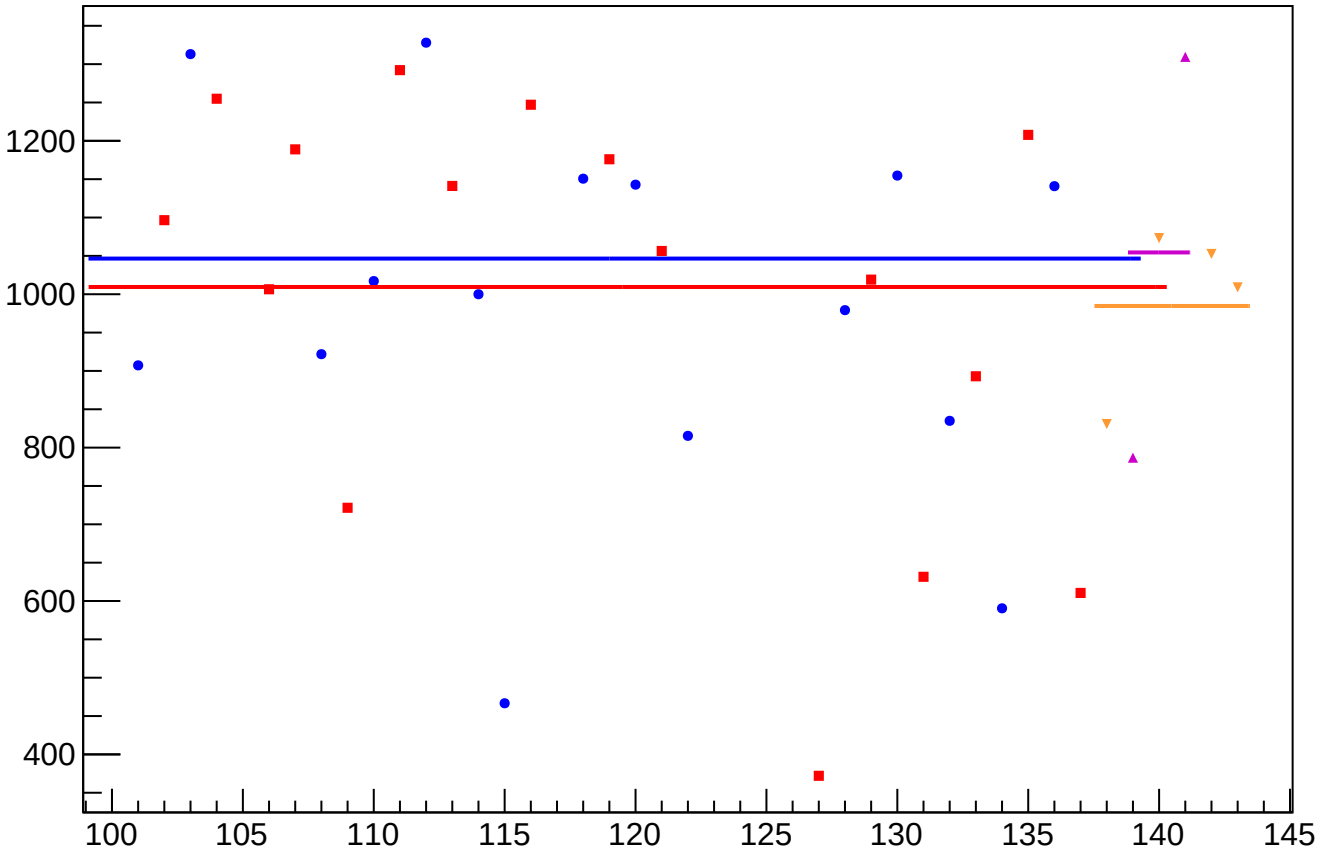
All: 2535.945+/-0.000 χ^2/NDF: 5495601560

Right Out: 2391.939+/-0.000 χ^2/NDF: 44152949647897788152593575445794999819008.0/15

- sign 2709.615+/-0.000 χ^2/NDF: 47539976727202

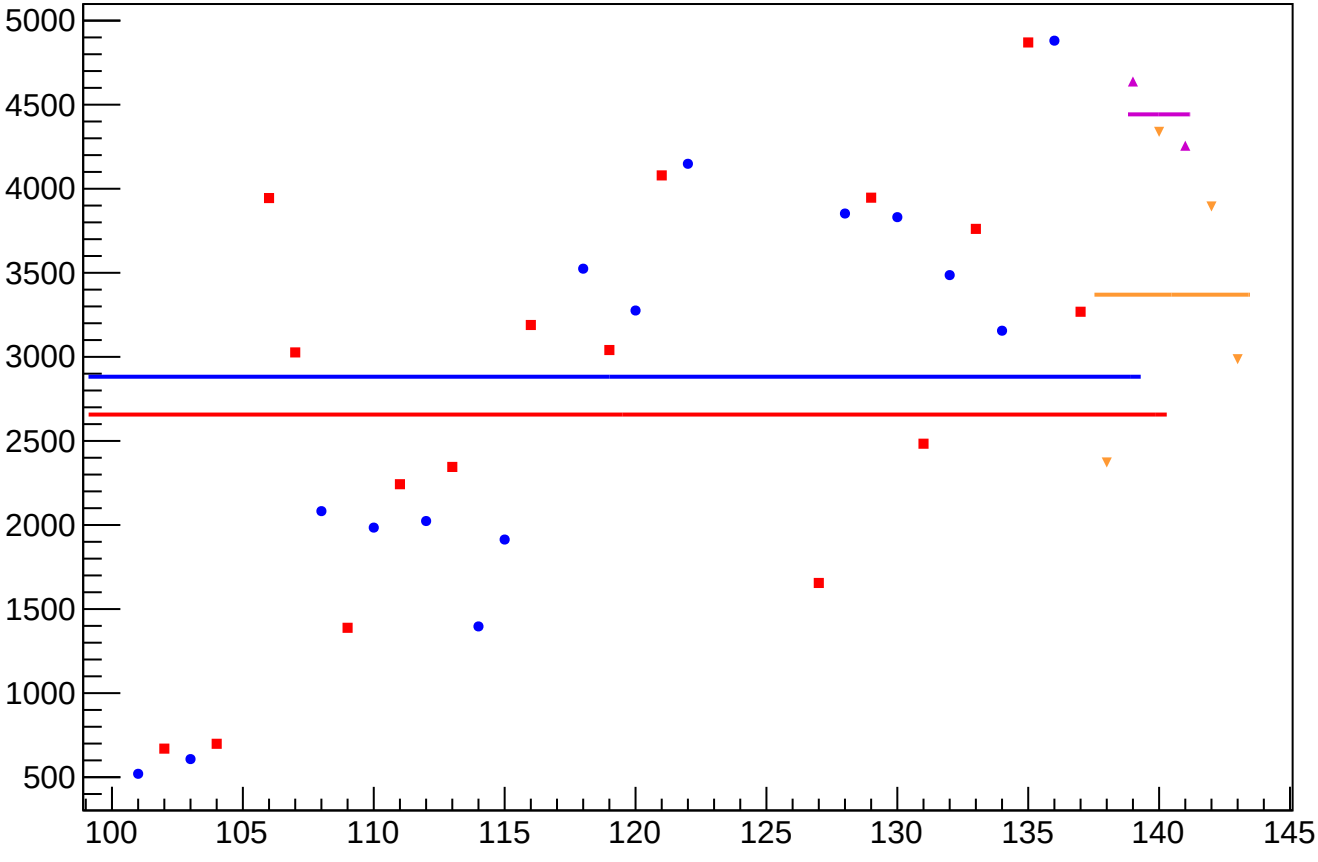
Left In: 3986.061+/-0.000 χ^2/NDF:9241720417717185461736095469063372 80.0/1

dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747
Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_sam1_coil1_mean vs Slug



Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14

+ sign 3026.422+/-0.000 χ^2/NDF: 1543219133912

Left Out: 3369.909+/-0.000 χ^2/NDF:1771414156230356856992711340522156851 20.0/3

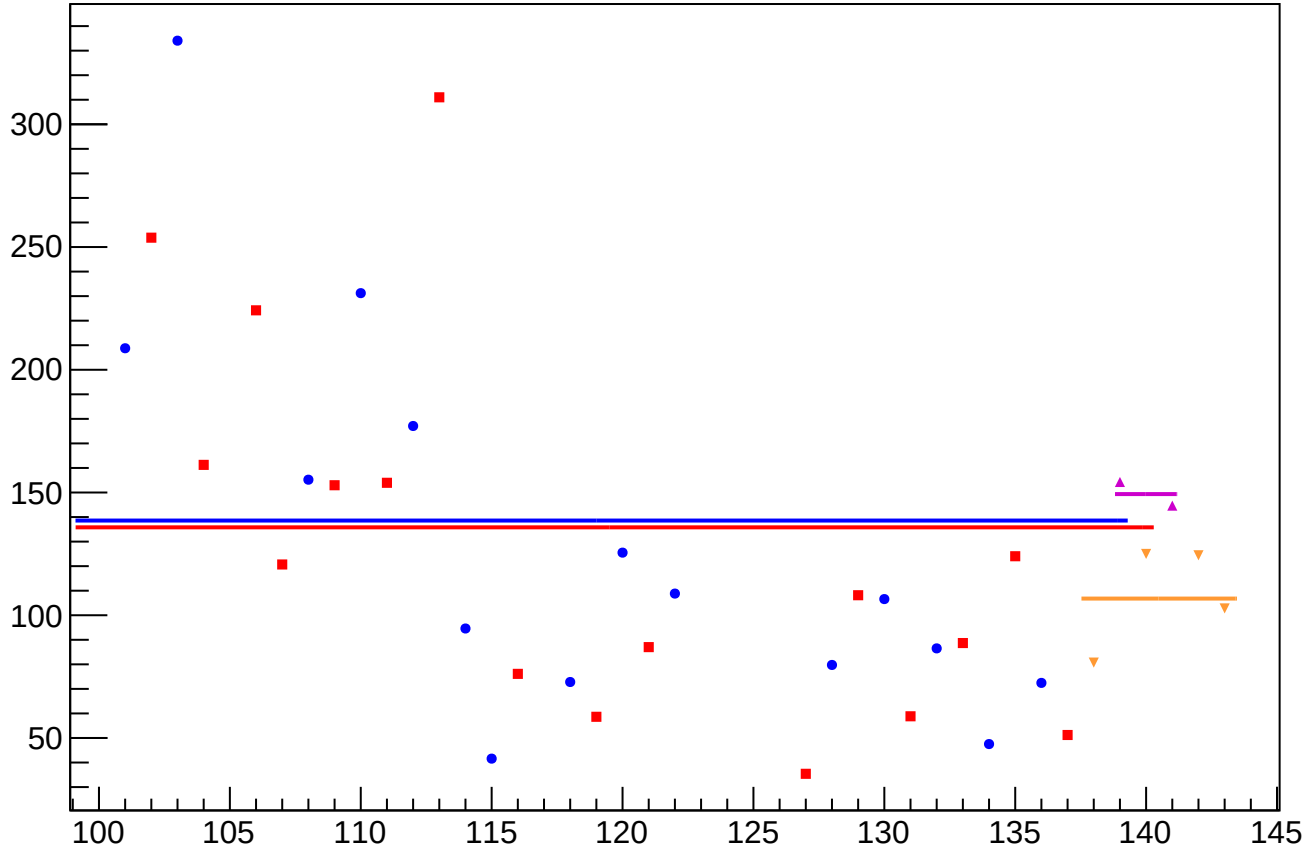
All: 3019.922+/-0.000 χ^2/NDF: 3050788918

Right Out: 2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

- sign 3012.727+/-0.000 χ^2/NDF: 15074876848696

Left In: 4442.394+/-0.000 χ^2/NDF:605345005479198390441504641157955584 0.0/1

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

+ sign 129.166+/-0.000 χ^2/NDF: 453208258188399

Left Out: 106.793+/-0.000 χ^2/NDF:9557785064157101662826700554947788 8.0/3

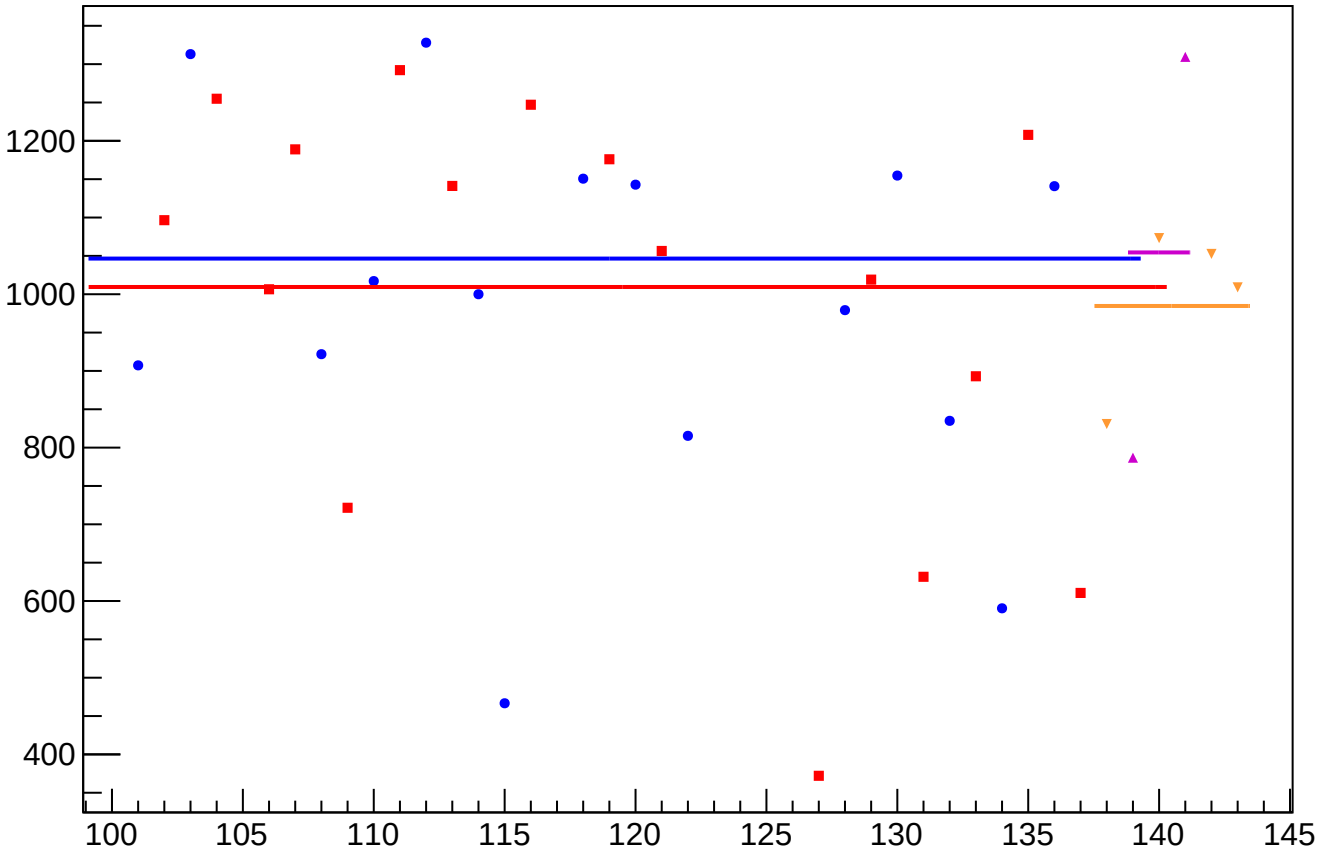
All: 133.601+/-0.000 χ^2/NDF: 855494861087

Right Out: 135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736 43776.0/15

- sign 138.509+/-0.000 χ^2/NDF: 398466418788188

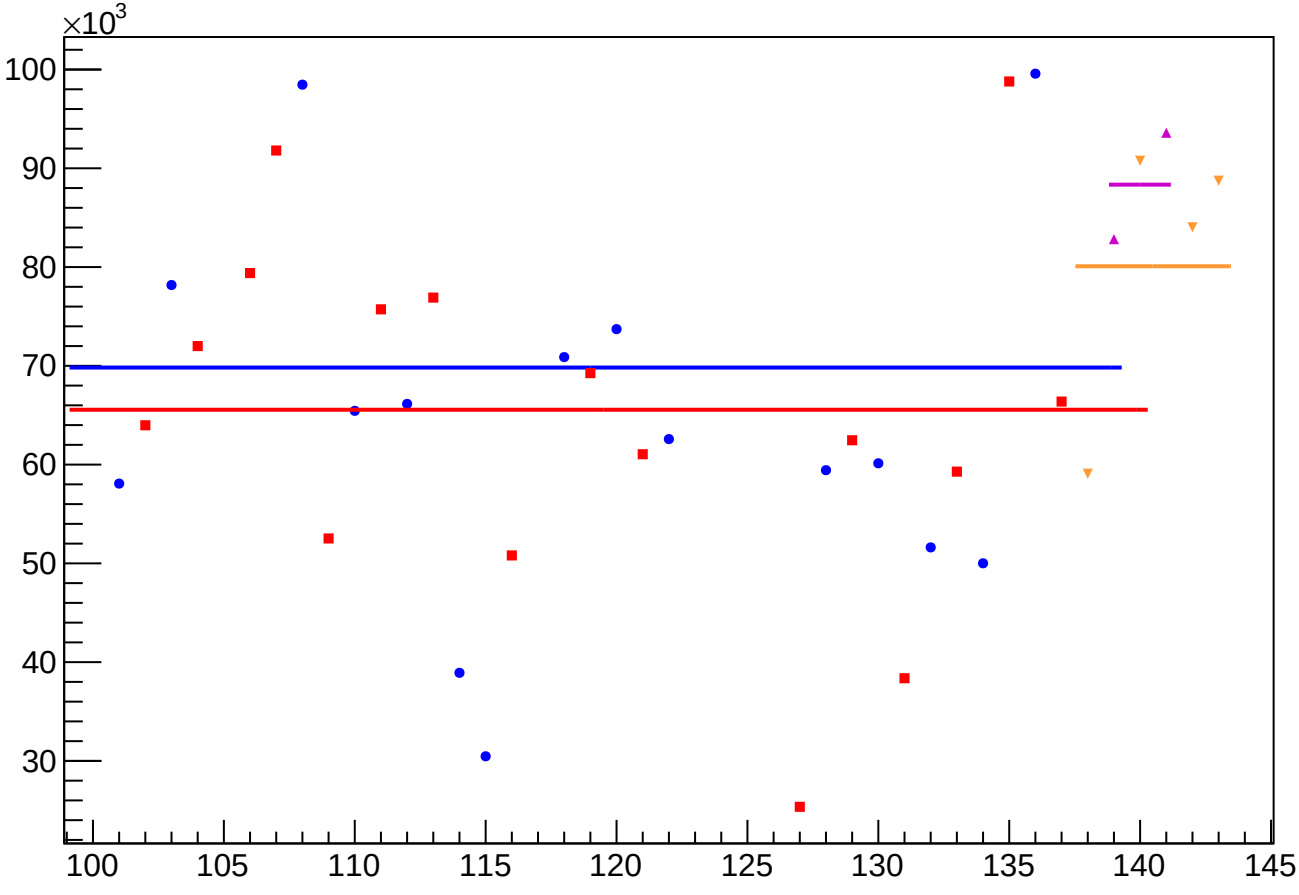
Left In: 149.360+/-0.000 χ^2/NDF:3854310868698127117572258530328576.0/1

dit_sam1_coil1_Ndata_mean vs Slug



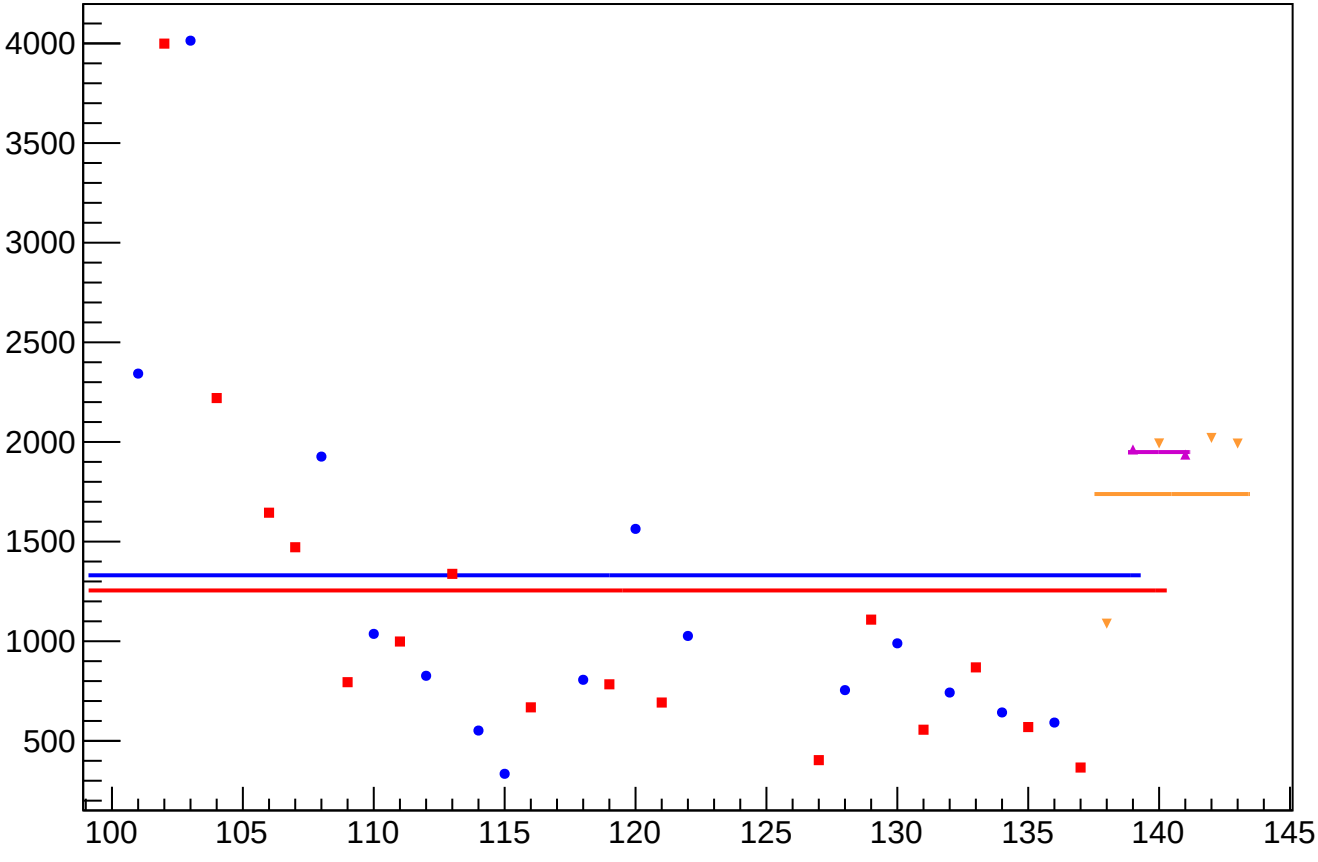
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747
Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14
+ sign 72863.752+/-0.000 χ^2/NDF: 2575157427078
Left Out: 80081.094+/-0.000 χ^2/NDF:4951003758388788134723161041211888762880 0.0/3
All: 71550.355+/-0.000 χ^2/NDF: 5467153535
Right Out: 65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959999741673472.0/15
- sign 70096.632+/-0.000 χ^2/NDF: 2858487631361
Left In: 88344.645+/-0.000 χ^2/NDF:4814027674989859975264681620030714019840.0/1

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14

+ sign 1451.691+/-0.000 χ^2/NDF: 7276693523815 0

Left Out: 1738.713+/-0.000 χ^2/NDF:4623740493367312221885460775890111 6928.0/3

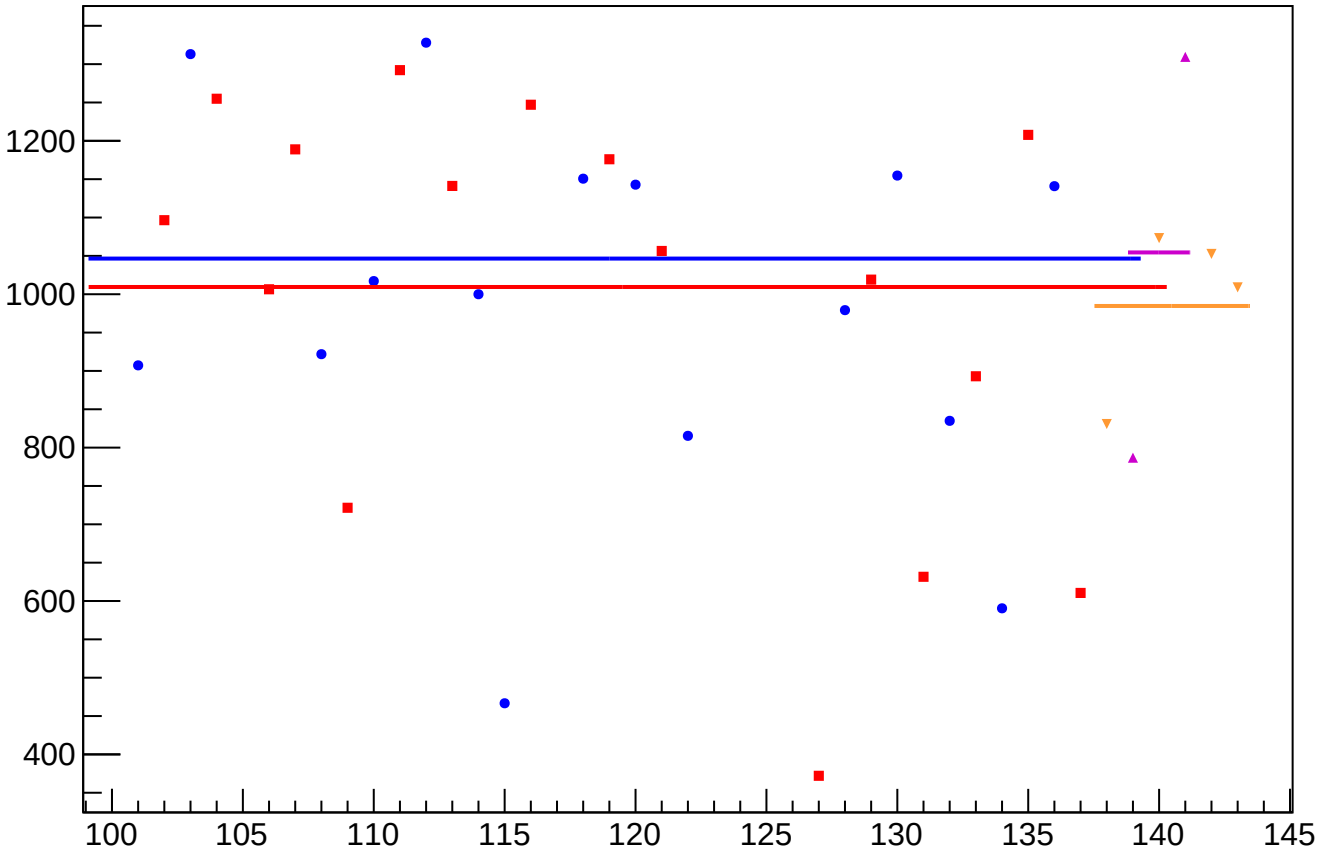
All: 1423.958+/-0.000 χ^2/NDF: 1425433645 3

Right Out: 1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15

- sign 1393.262+/-0.000 χ^2/NDF: 69627024572209

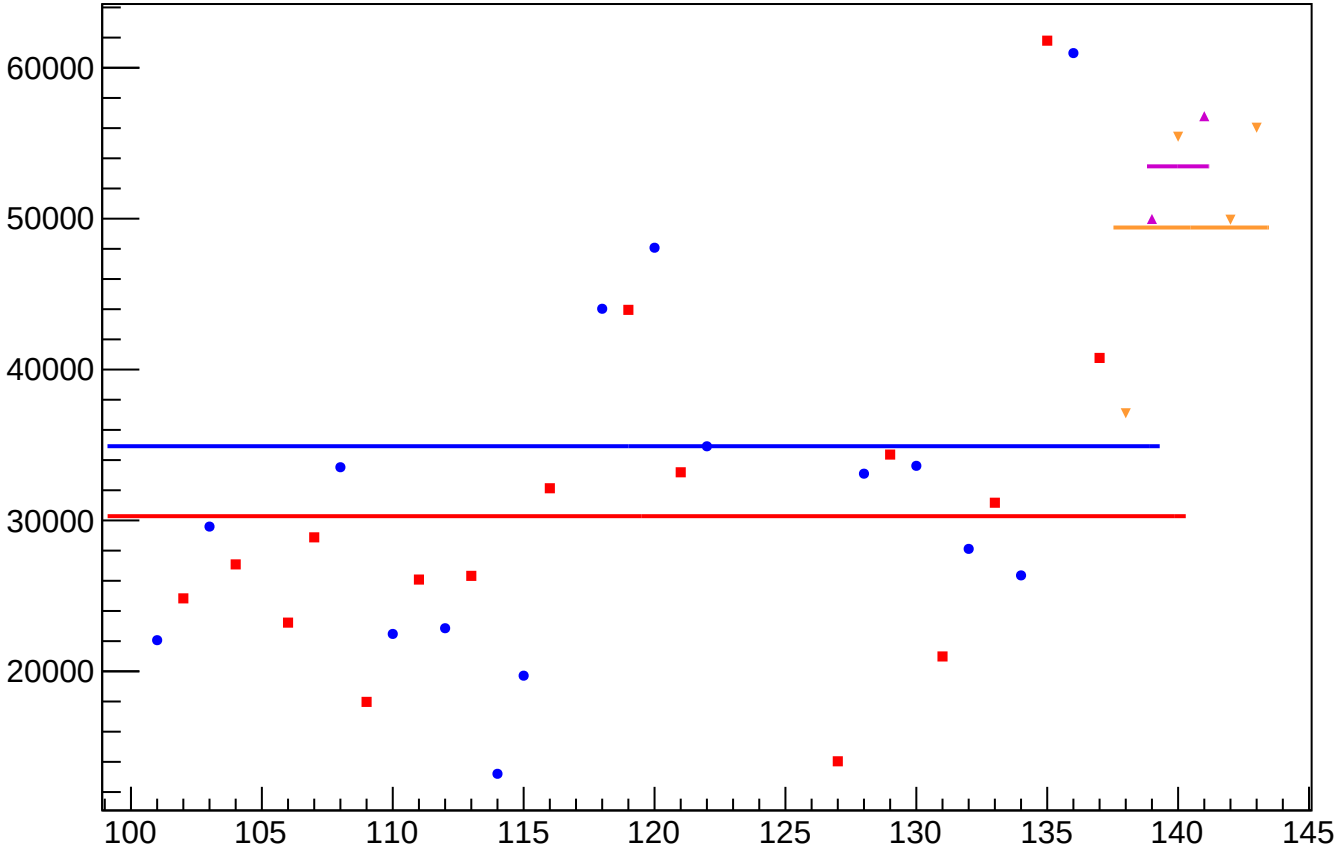
Left In: 1949.324+/-0.000 χ^2/NDF:2774341536931017956279227427219046 4.0/1

dit_sam2_coil1_Ndata_mean vs Slug



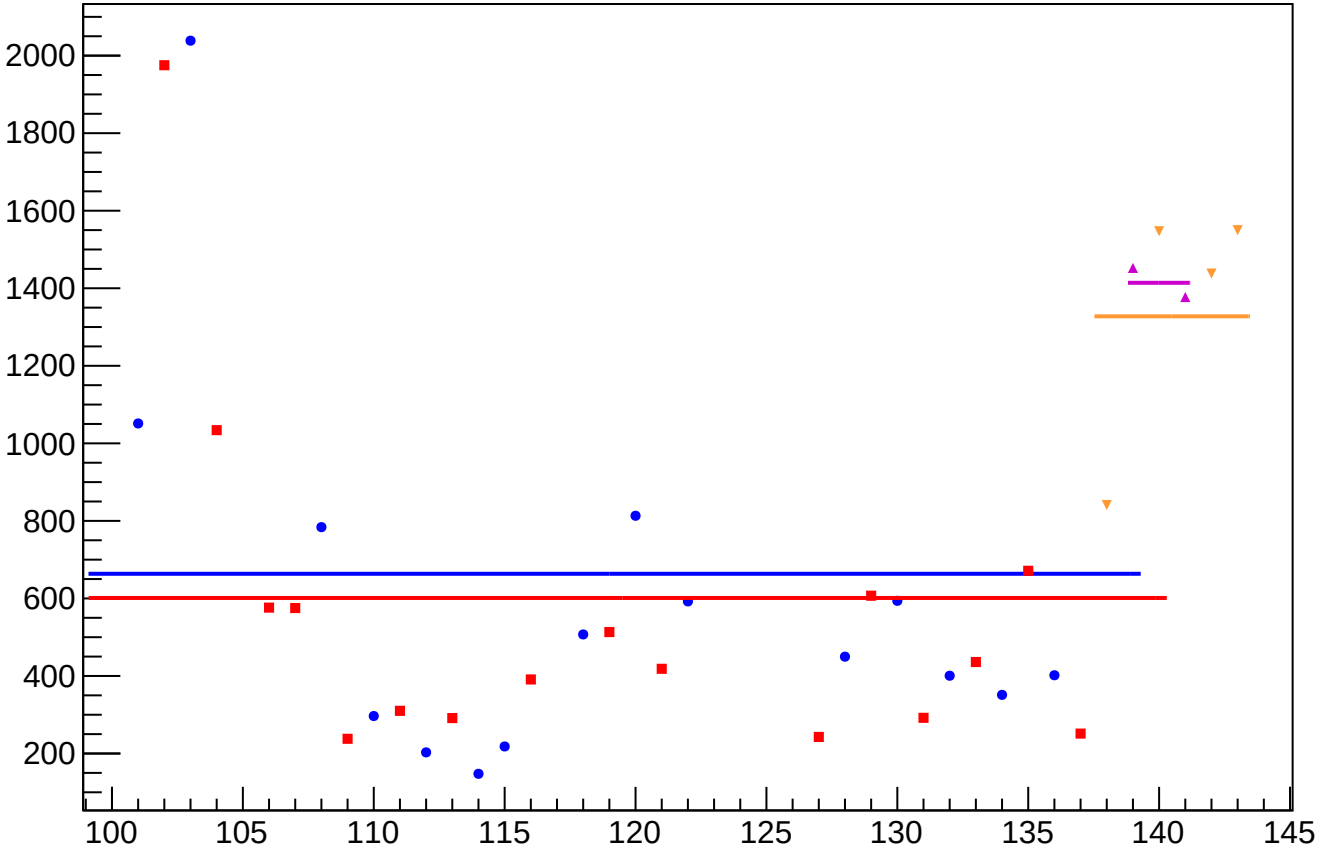
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747
Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14
+ sign 39211.303+/-0.000 χ^2/NDF: 1644926265309
Left Out: 49413.647+/-0.000 χ^2/NDF:1773616520384271506134343354890323178291 2.0/3
All: 37166.256+/-0.000 χ^2/NDF: 3343379336
Right Out: 30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15
- sign 34902.711+/-0.000 χ^2/NDF: 1617213164562
Left In: 53467.563+/-0.000 χ^2/NDF:1923836453984607776348651316697387499520.0/1

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14

Left Out: 1327.589+/-0.000 χ^2/NDF:2629214274822161691461867802729014886 4.0/3

Right Out: 601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15

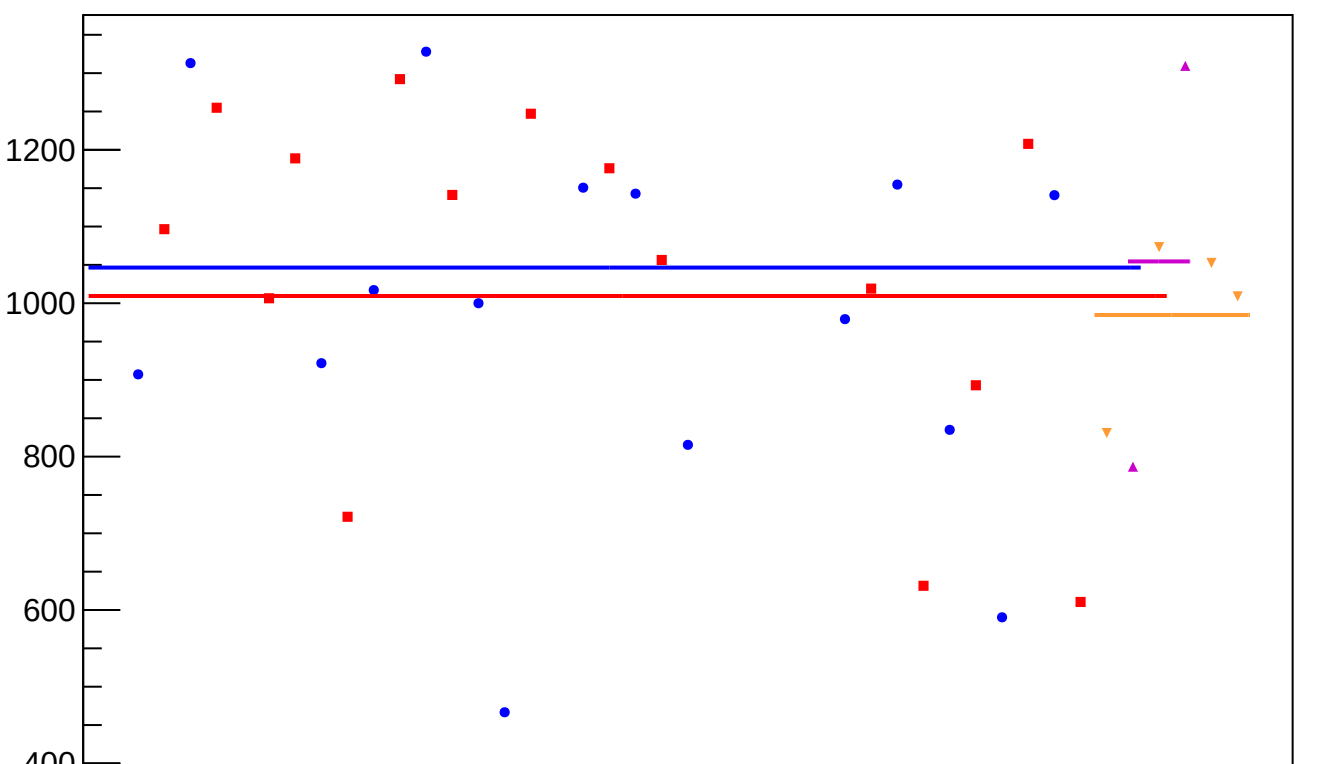
Left In: 1414.069+/-0.000 χ^2/NDF:2336006648880102053602803081470279 68.0/1

+ sign 860.185+/-0.000 χ^2/NDF: 2687130534497 34

All: 814.152+/-0.000 χ^2/NDF: 5106047340 48

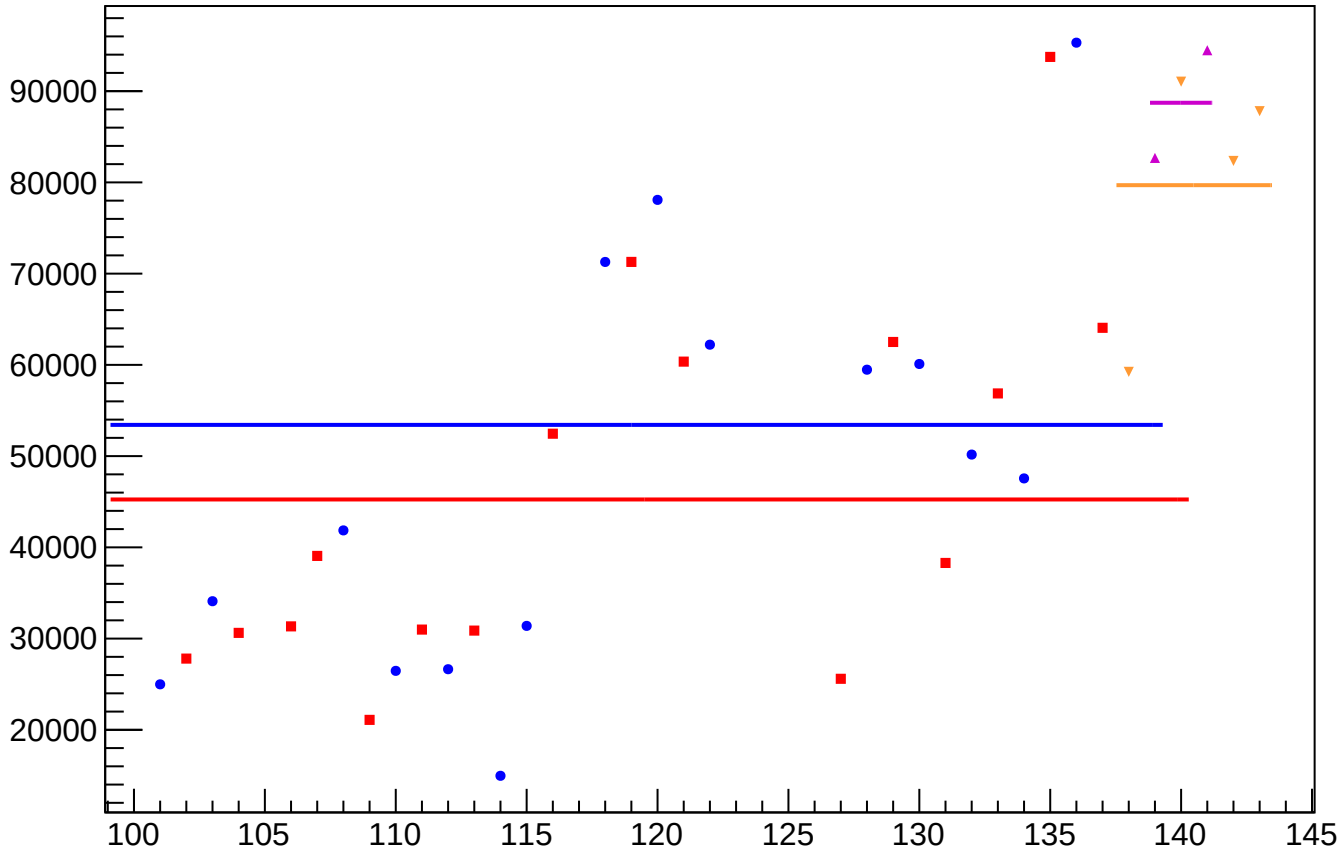
- sign 763.201+/-0.000 χ^2/NDF: 237775434774000

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747
Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF: 3606357573151338001337511231677773465518 08.0/14

+ sign 61201.618+/-0.000 χ^2/NDF: 5412104587193

Left Out: 79694.948+/-0.000 χ^2/NDF:4793330408828556572981094619091944079360 0.0/3

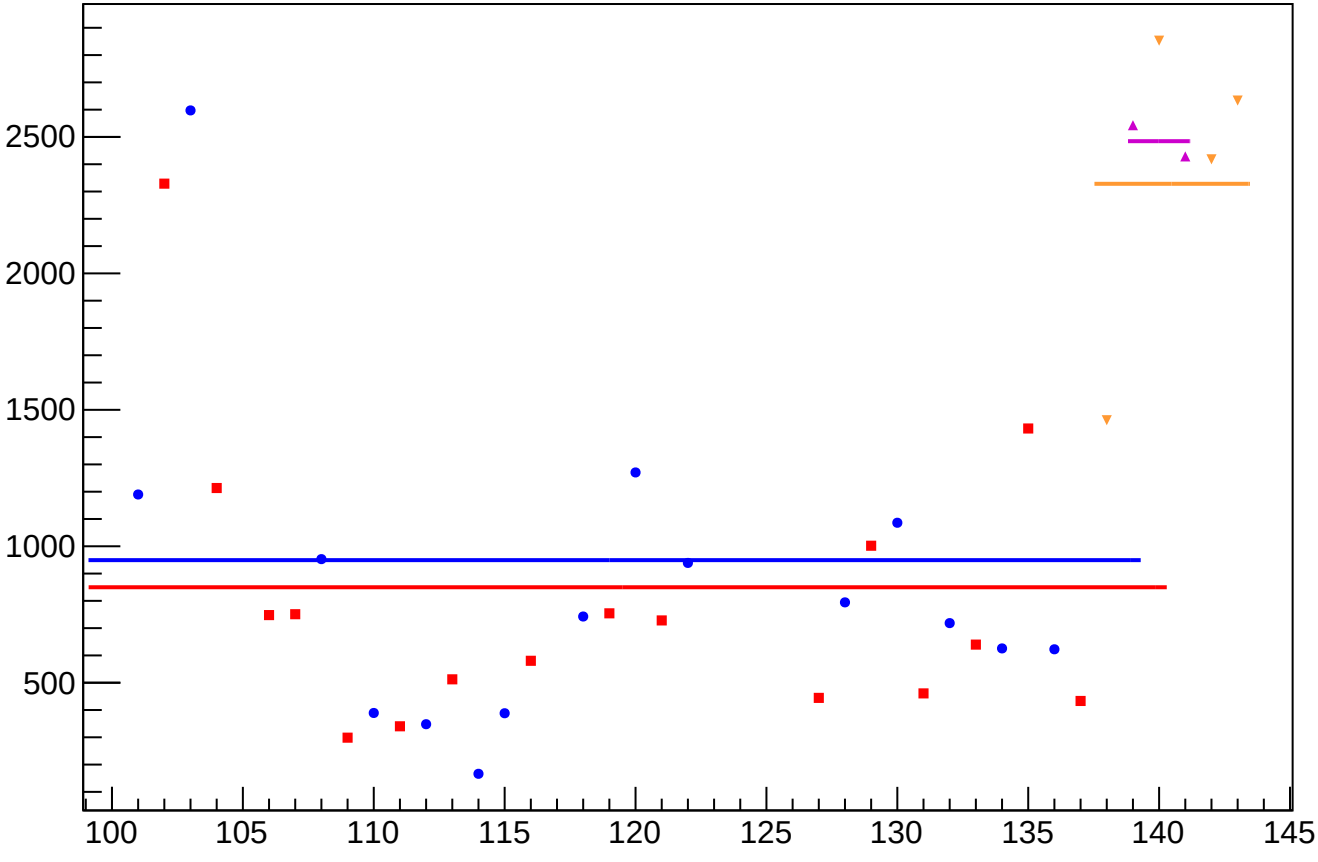
All: 57741.693+/-0.000 χ^2/NDF: 1107575550

Right Out: 45247.617+/-0.000 χ^2/NDF: 2860601964880344302157846133740555479285 76.0/15

- sign 53912.100+/-0.000 χ^2/NDF: 5431111575159

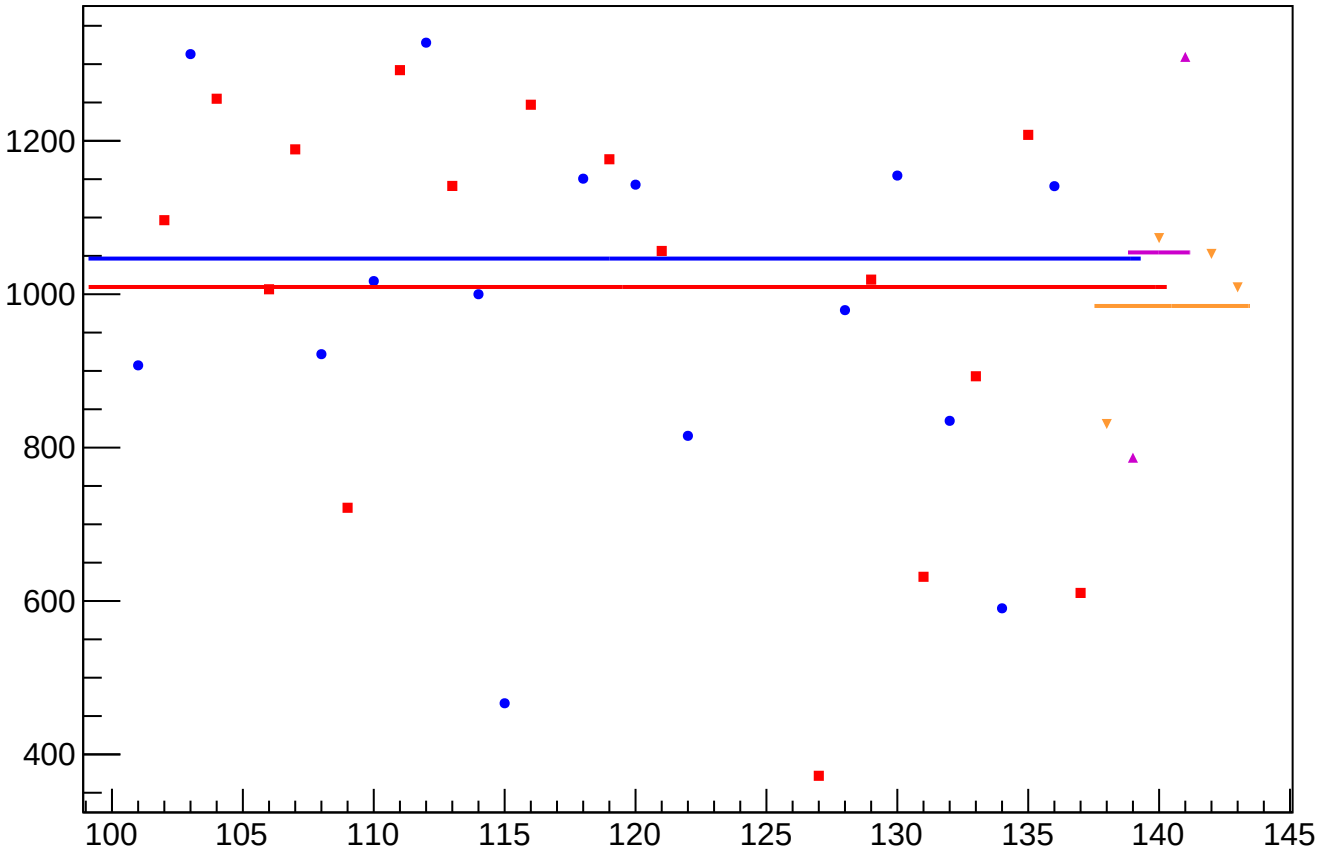
Left In: 88726.619+/-0.000 χ^2/NDF:5776677186666036905341987251144032780288.0/1

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14
+ sign 1357.538+/-0.000 χ^2/NDF: 6788846479251 8
Left Out: 2328.282+/-0.000 χ^2/NDF:8771812642211803209635646627071708364 8.0/3
All: 1271.173+/-0.000 χ^2/NDF: 1253712012 0
Right Out: 849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15
- sign 1175.580+/-0.000 χ^2/NDF: 5603383683587 1
Left In: 2484.482+/-0.000 χ^2/NDF:5420227784359426442251313562433617 92.0/1

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14

+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909

Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3

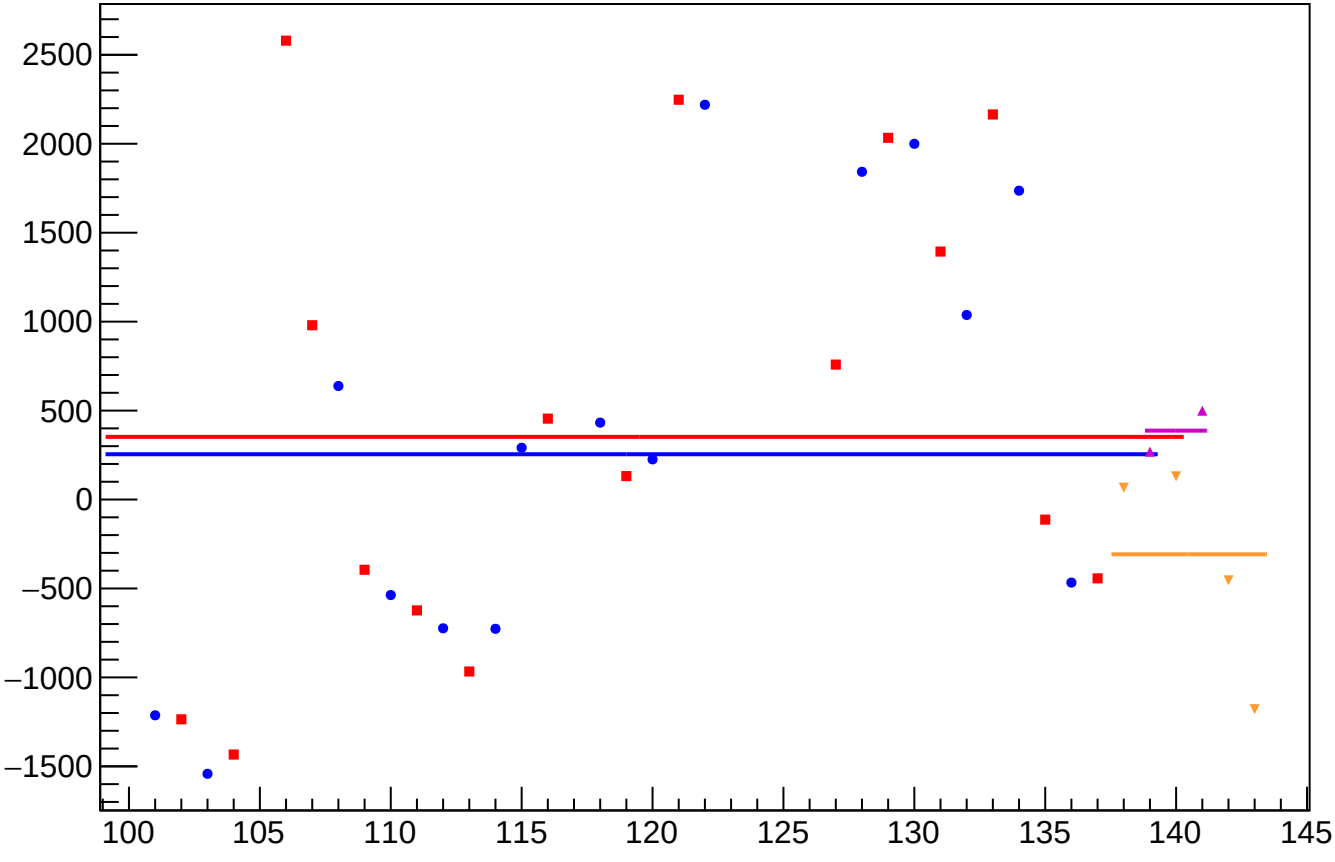
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15

- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747

Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14

+ sign 88.072+/-0.000 χ^2/NDF: 1117680605013114

Left Out: -307.762+/-0.000 χ^2/NDF:7851052120120864653698283927293971660 8.0/3

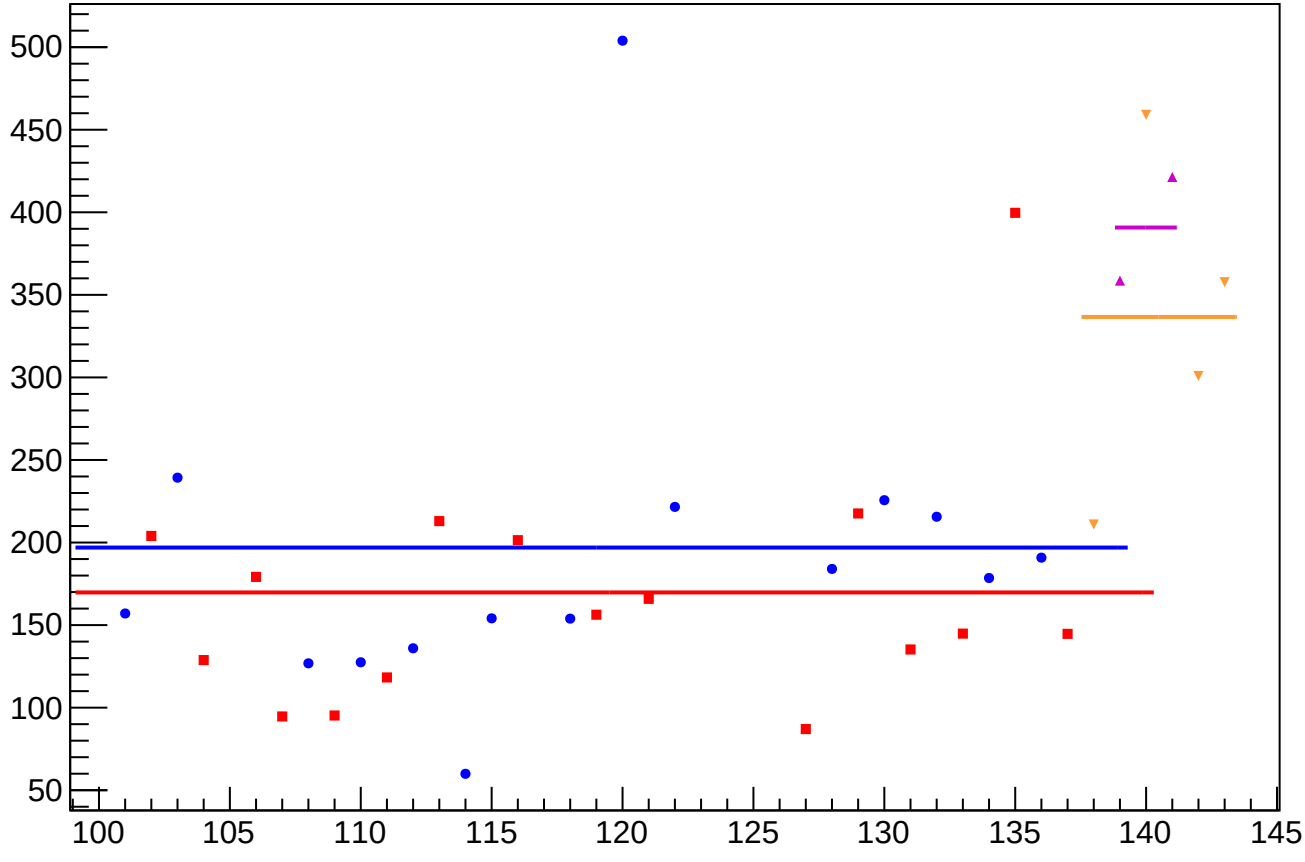
All: 216.793+/-0.000 χ^2/NDF: 22530436261 4

Right Out: 352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

- sign 359.267+/-0.000 χ^2/NDF: 110317742329299

Left In: 387.229+/-0.000 χ^2/NDF:2201684348417300022304872528733011968.0/1

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000 χ^2/NDF: 448524516032965791462137242583878860 8.0/14

Left Out: 336.620+/-0.000 χ^2/NDF:2549102640247666581339087247494873088.0/3

Right Out: 169.778+/-0.000 χ^2/NDF: 389260944549484578449355864638541004 8.0/15

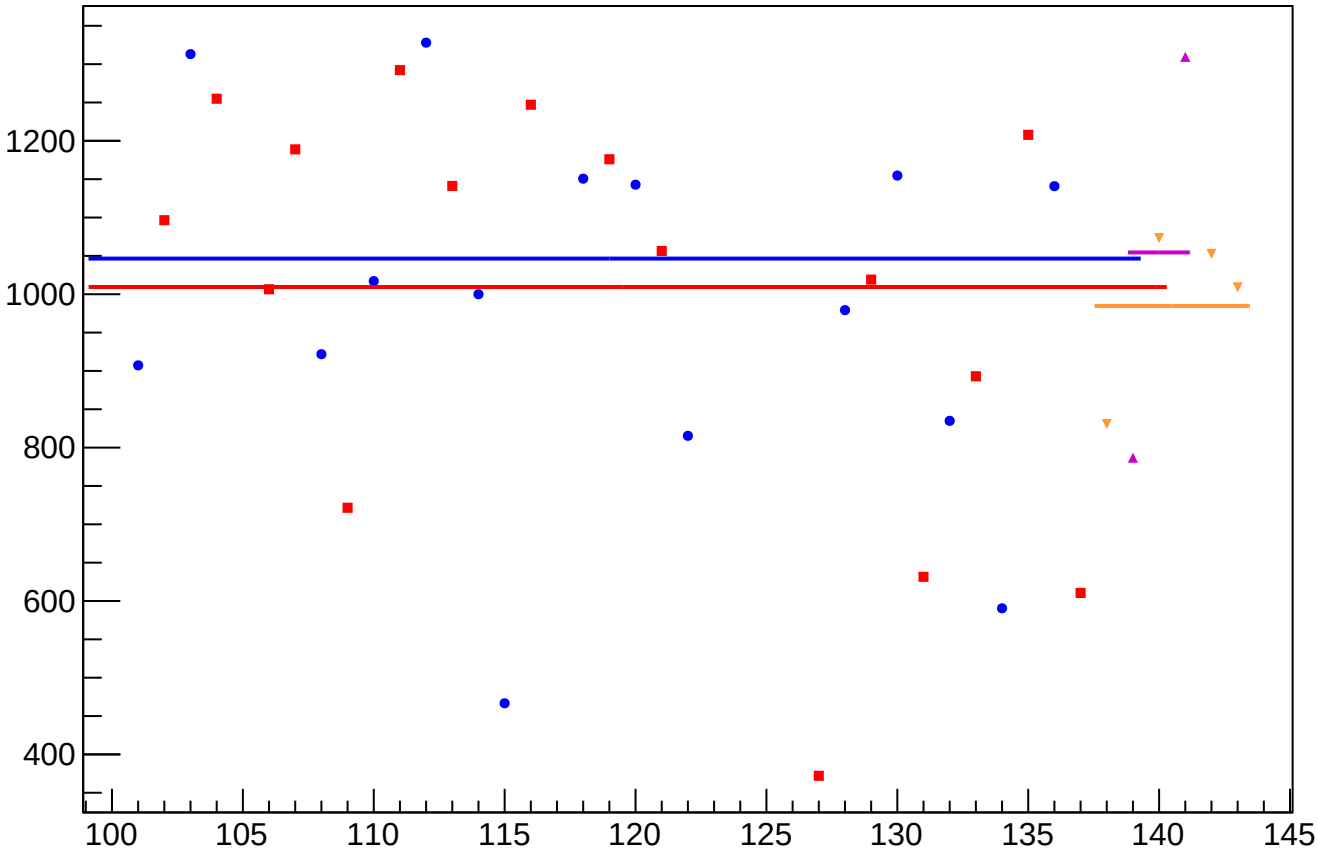
Left In: 390.768+/-0.000 χ^2/NDF:1632630829491864634619486890769776 64.0/1

+ sign 238.309+/-0.000 χ^2/NDF: 1078278673441 96

All: 226.684+/-0.000 χ^2/NDF: 2159253201 10

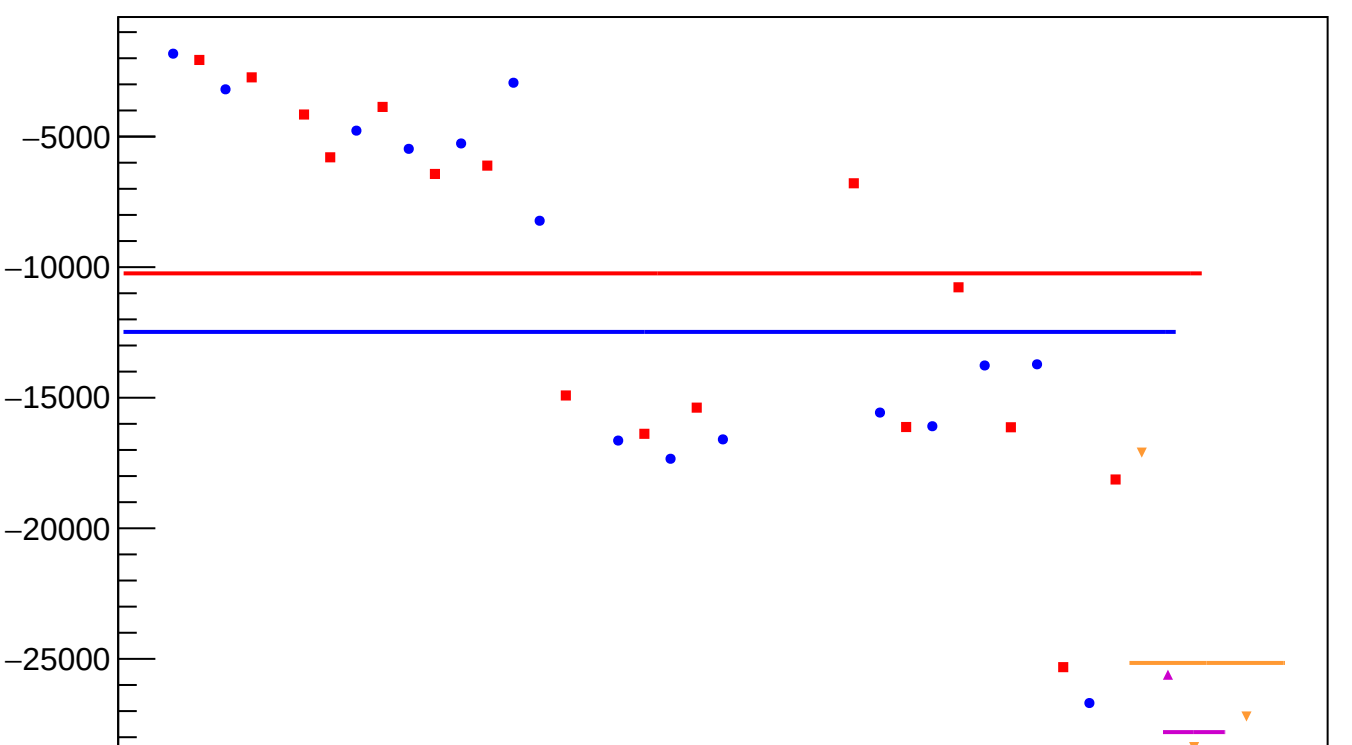
- sign 213.817+/-0.000 χ^2/NDF: 1054722464658 78

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747
Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

+ sign -16233.035+/-0.000 χ^2/NDF: 792468650215

Left Out: -25155.910+/-0.000 χ^2/NDF:718956730330160870710012165509416904294 4.0/3

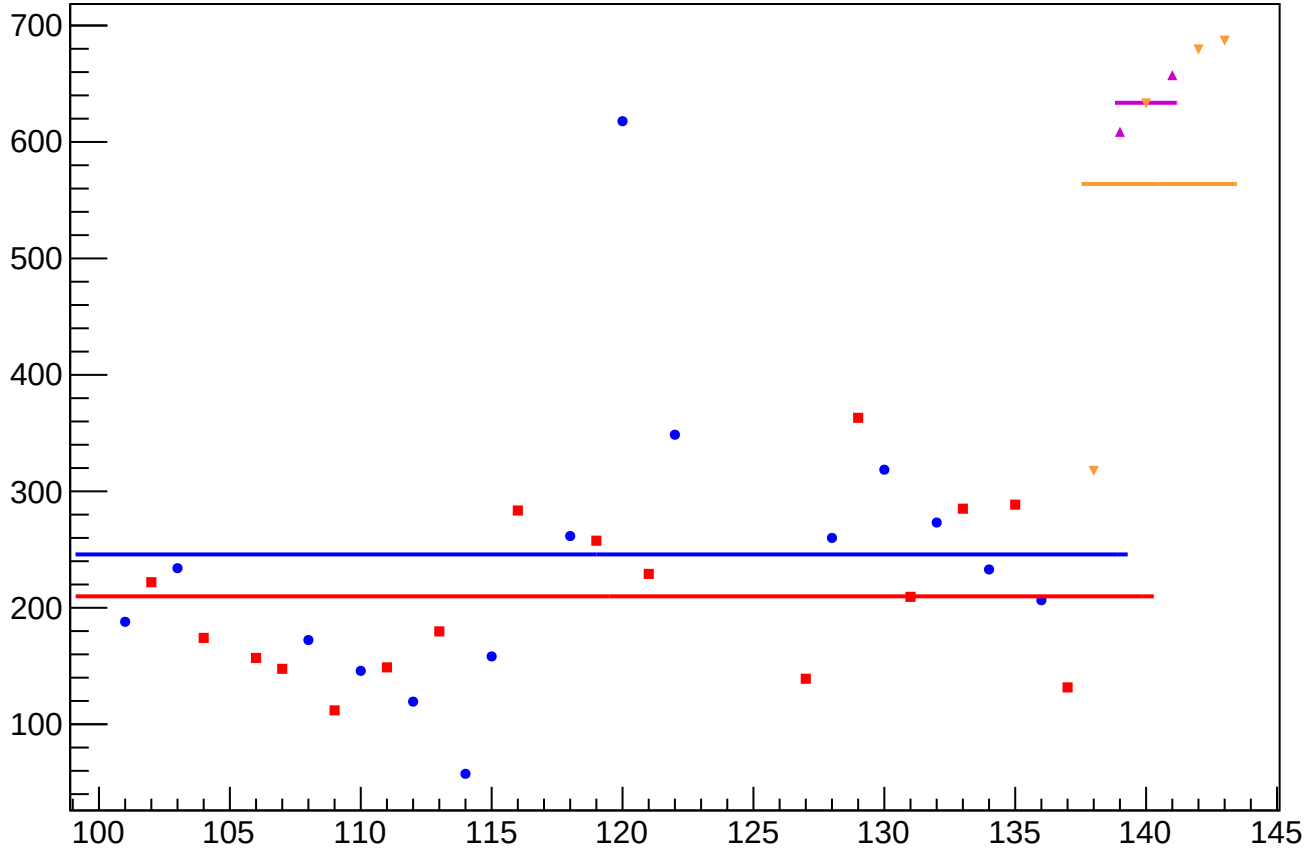
All: -15049.141+/-0.000 χ^2/NDF: 154978265

Right Out: -10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

- sign -13738.756+/-0.000 χ^2/NDF: 7300876955402

Left In: -27804.656+/-0.000 χ^2/NDF:764059366713186182563579774663024181248.0/1

dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 563.942+/-0.000 χ^2/NDF:6756923352279194283167281060692099072.0/3

Right Out: 209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

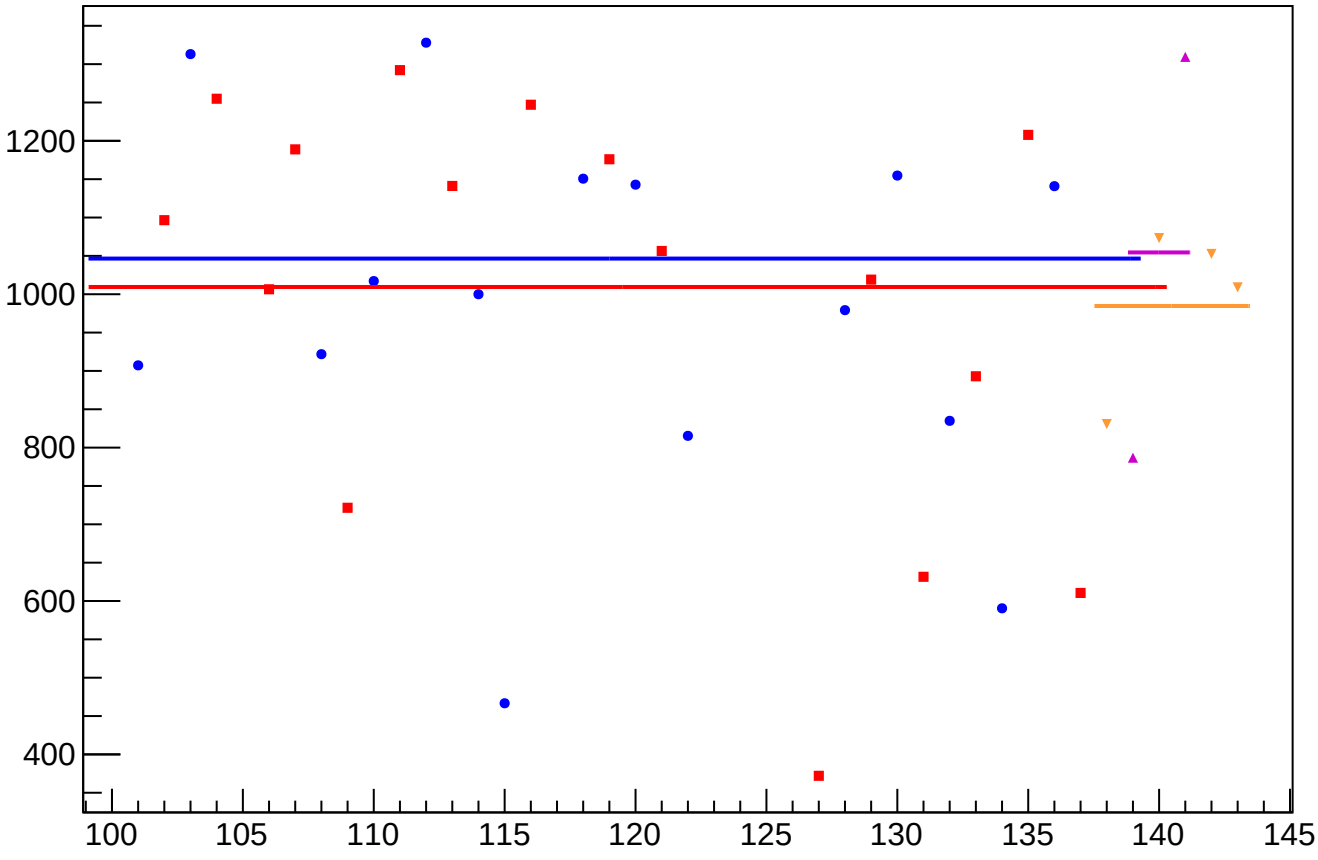
Left In: 633.648+/-0.000 χ^2/NDF:9806796273346498079034019002554777 6.0/1

+ sign 340.023+/-0.000 χ^2/NDF: 340311598501067

All: 318.321+/-0.000 χ^2/NDF: 62046351552 3

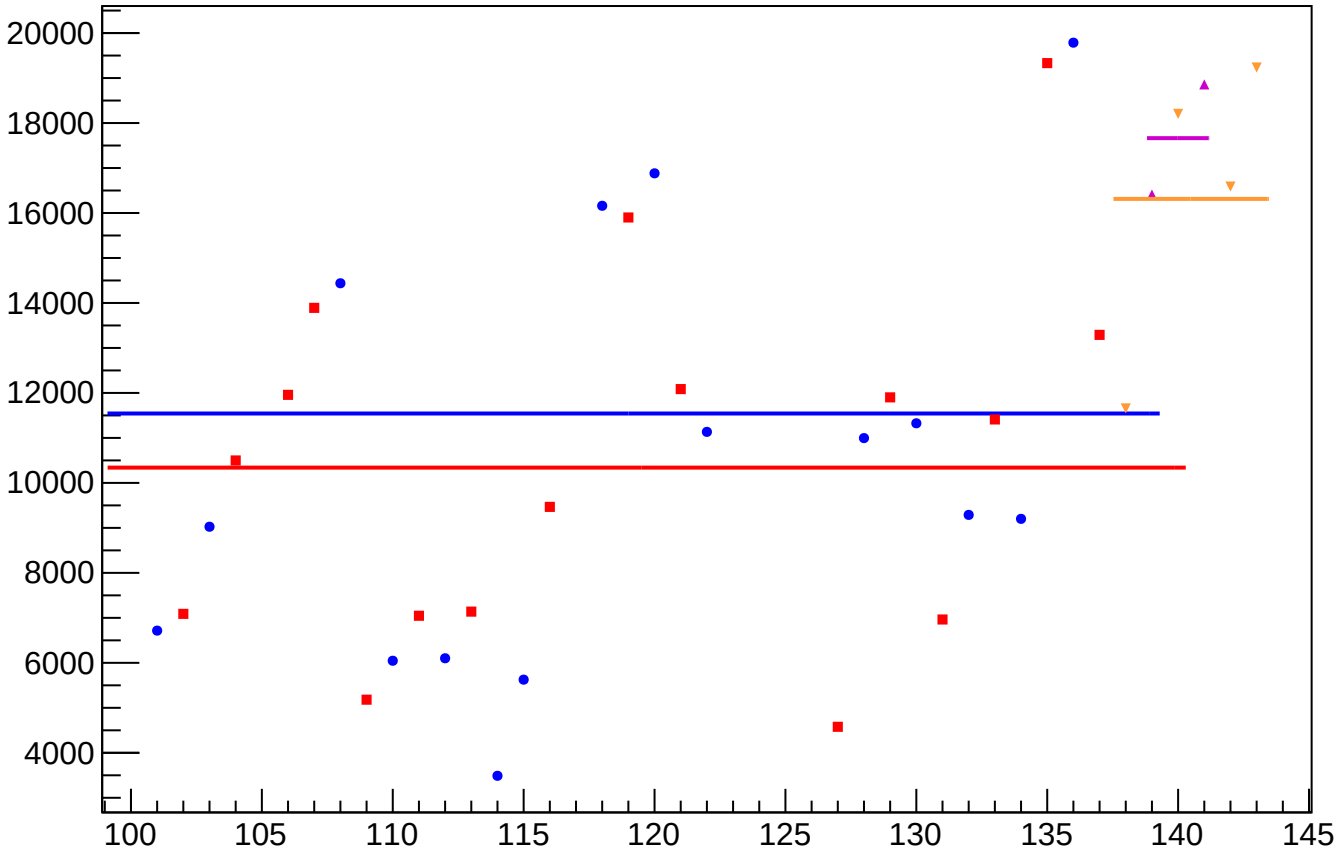
- sign 294.299+/-0.000 χ^2/NDF: 271002668562146

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747
Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

+ sign 12955.385+/-0.000 χ^2/NDF: 2116753012494

Left Out: 16313.605+/-0.000 χ^2/NDF:2560104338497151514780322811752533196800.0/3

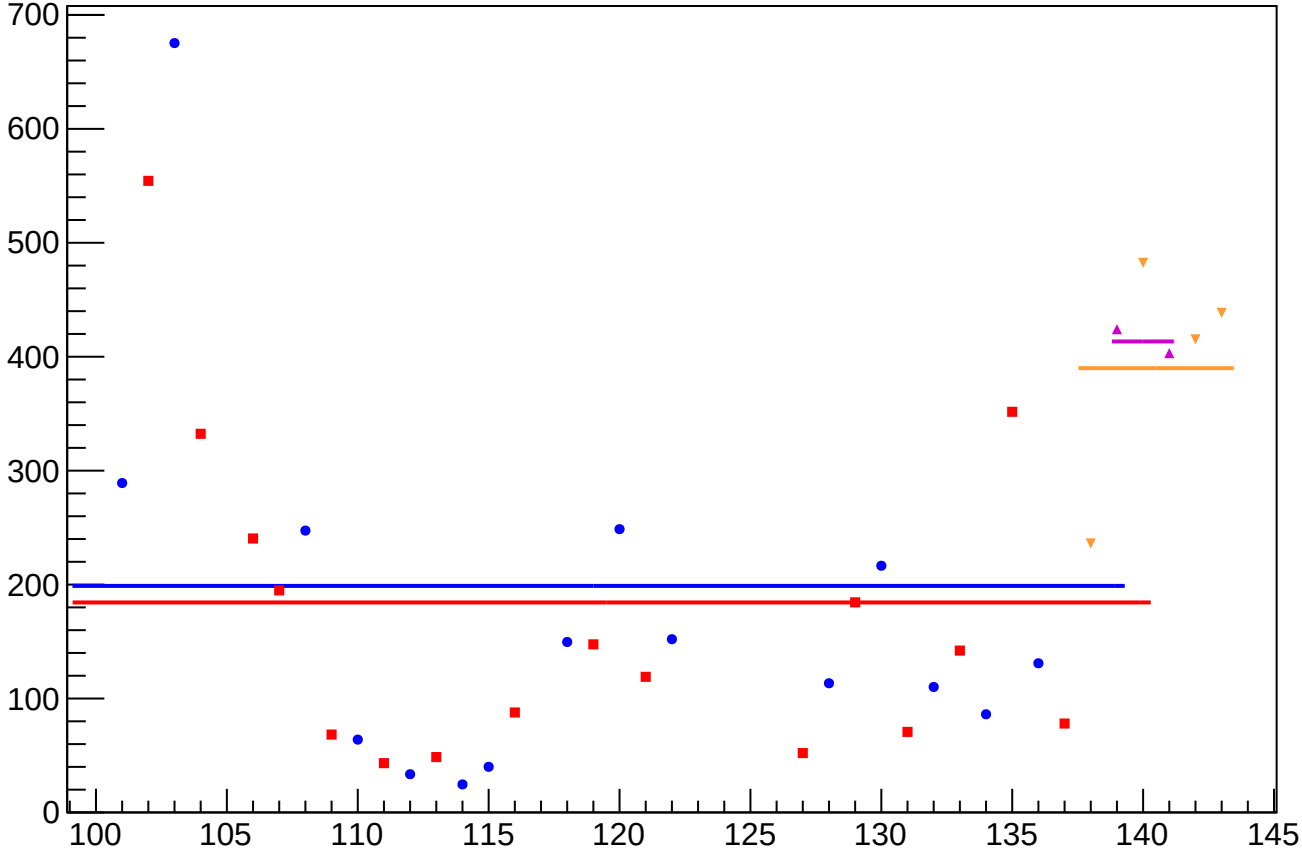
All: 12406.728+/-0.000 χ^2/NDF: 4039121030

Right Out: 10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15

- sign 11799.451+/-0.000 χ^2/NDF: 1863893769828

Left In: 17663.757+/-0.000 χ^2/NDF:2485797643097045877372683015983820963 84.0/1

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14

Left Out: 389.940+/-0.000 χ^2/NDF:2734904938312082855577054309699813376.0/3

Right Out: 184.328+/-0.000 χ^2/NDF: 1492743493139558860102496153837240320 0.0/15

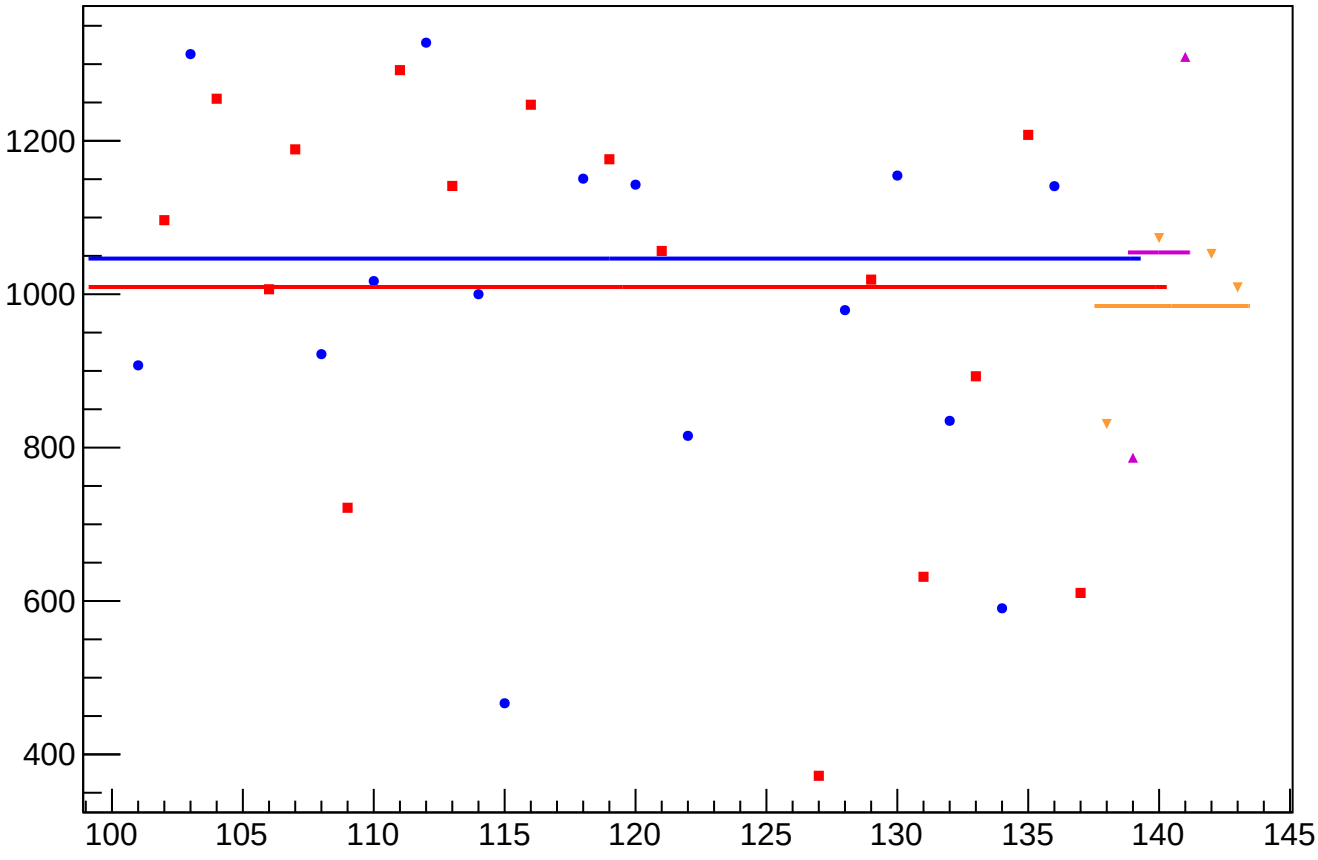
Left In: 413.399+/-0.000 χ^2/NDF:18283109025082408247454436209721344.0/1

+ sign 255.431+/-0.000 χ^2/NDF: 280858579759304

All: 243.350+/-0.000 χ^2/NDF: 50289845542 6

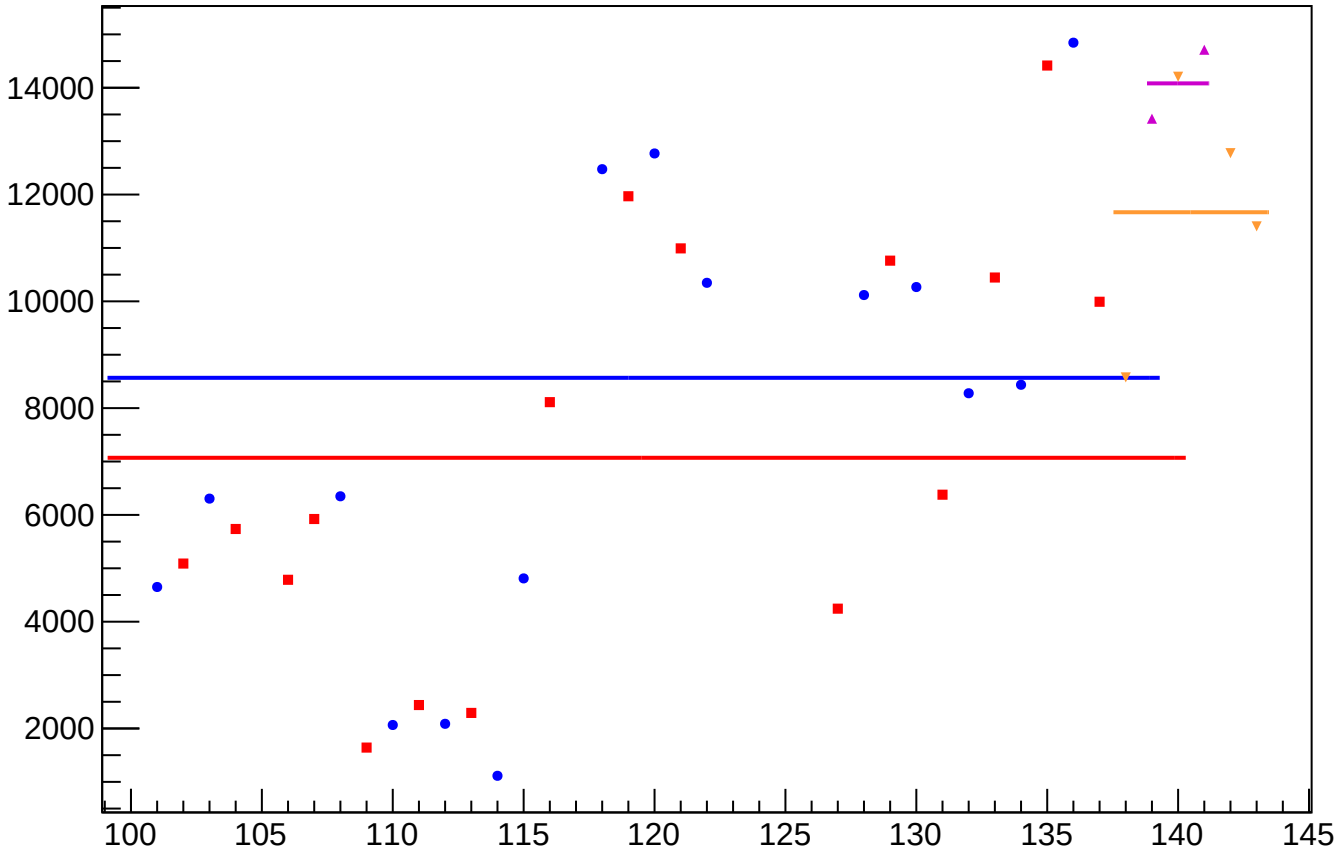
- sign 229.978+/-0.000 χ^2/NDF: 219204631118069

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 28342042117909
Left Out: 984.681+/-0.000 χ^2/NDF:27412836487958733895964510826360995 84.0/3
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 56200780937747
Left In: 1054.494+/-0.000 χ^2/NDF:11328252246916999336694657335420780544.0/1

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

+ sign 9485.975+/-0.000 χ^2/NDF: 1428957730810

Left Out: 11668.779+/-0.000 χ^2/NDF:1335628743787083547277349312305918115840.0/3

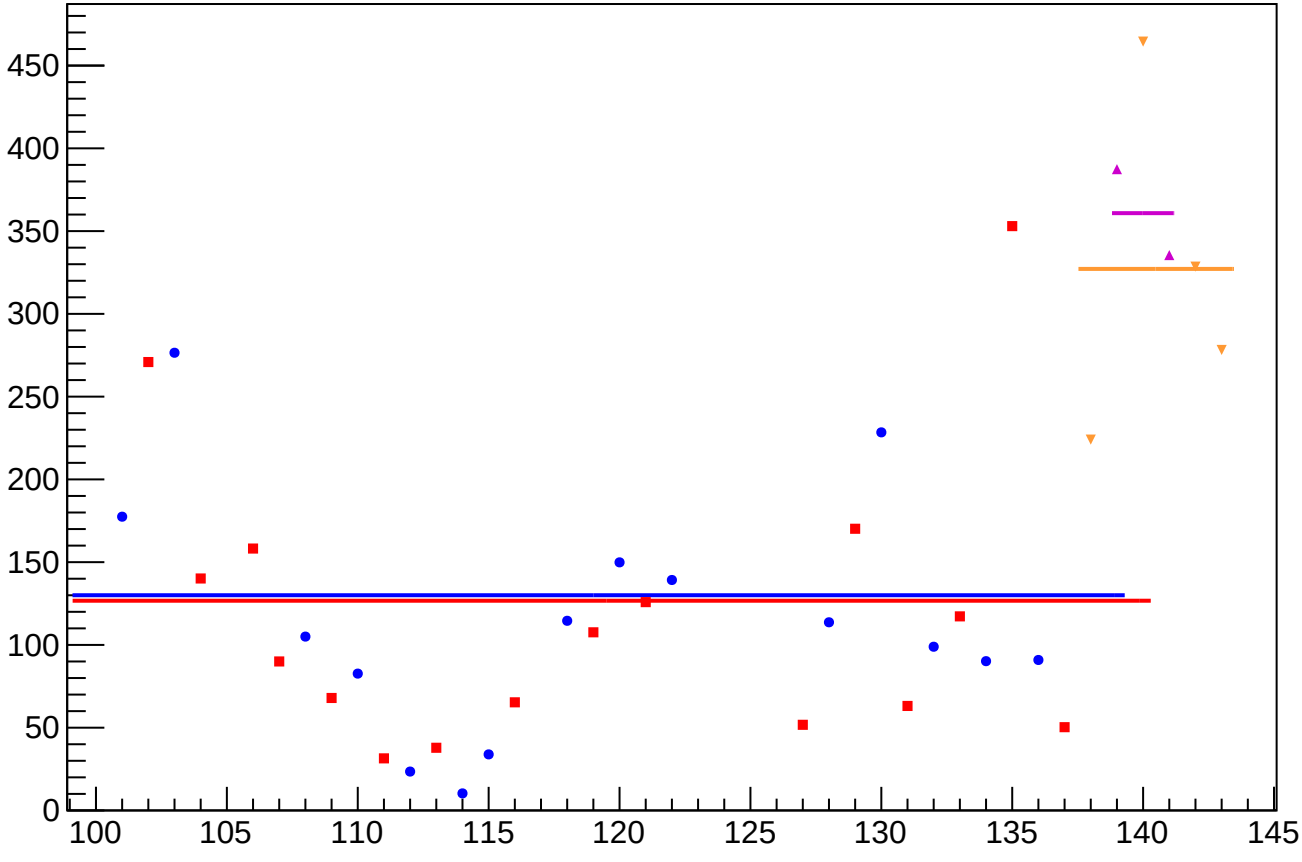
All: 9002.472+/-0.000 χ^2/NDF: 3142586077

Right Out: 7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

- sign 8467.310+/-0.000 χ^2/NDF: 16682173413285

Left Out: 14082.269+/-0.000 χ^2/NDF:691862569912532474232743169258369843 20.0/1

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

+ sign 188.393+/-0.000 χ^2/NDF: 131201675289492

Left Out: 327.162+/-0.000 χ^2/NDF:2536447229870285505452810978260418560.0/3

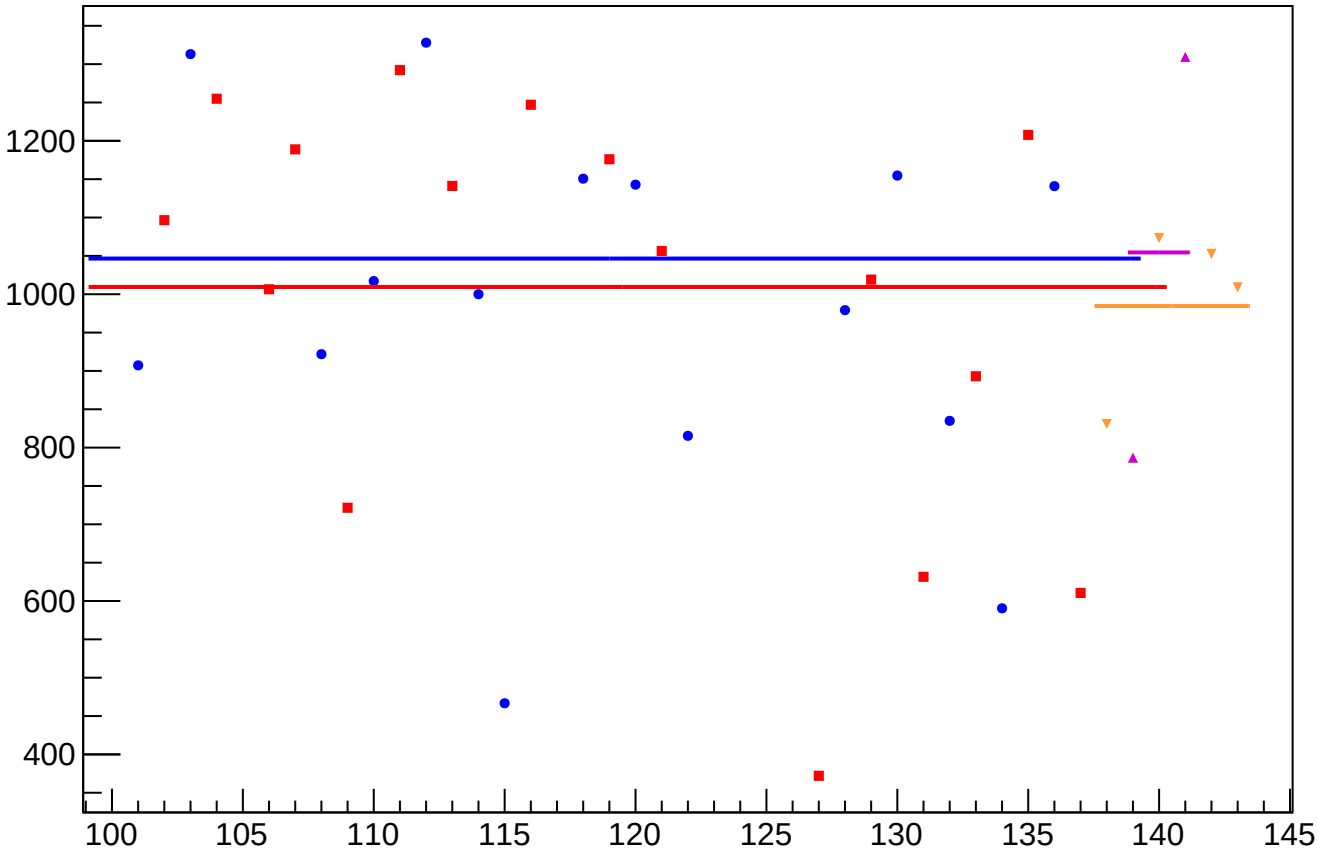
All: 181.261+/-0.000 χ^2/NDF: 26014521299

Right Out: 126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

- sign 173.367+/-0.000 χ^2/NDF: 127955508561583

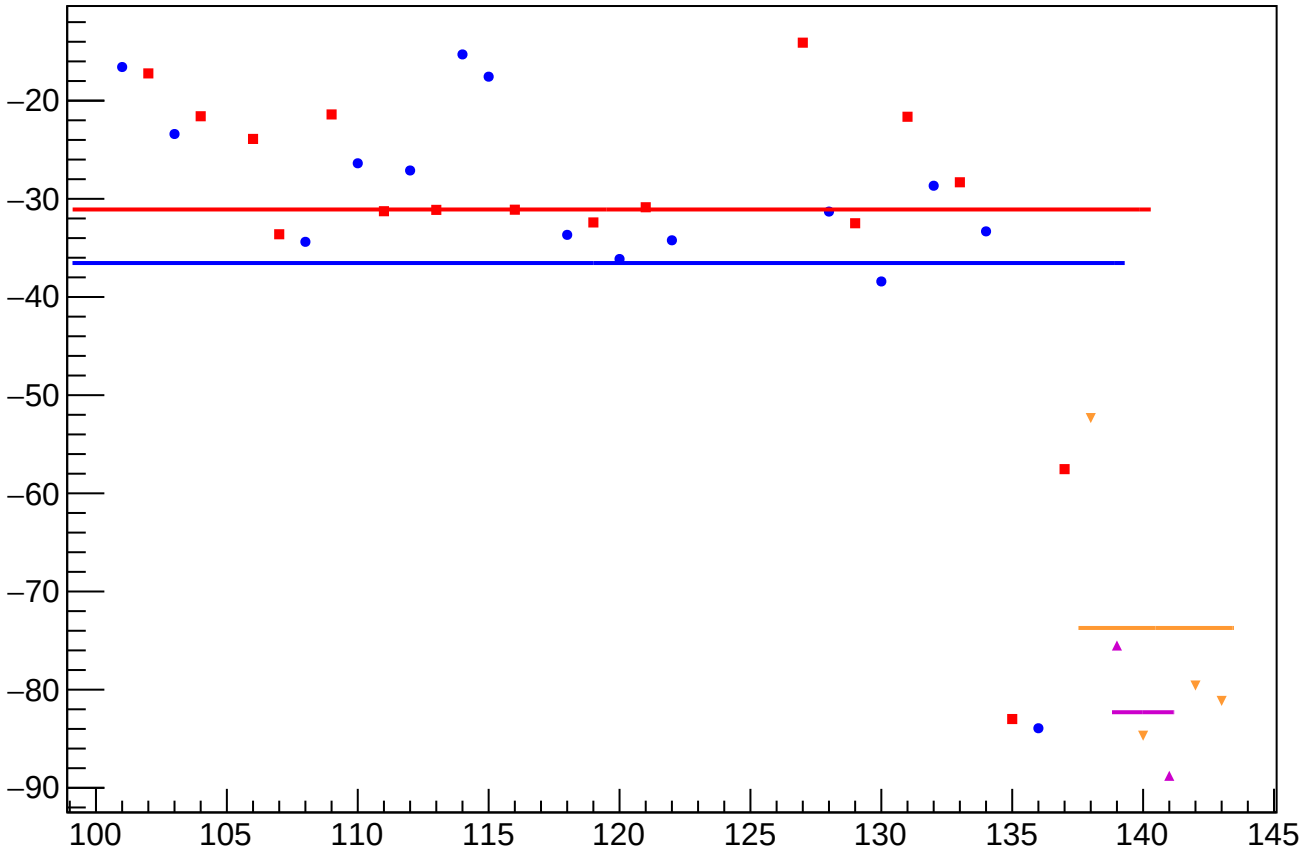
Left In: 360.846+/-0.000 χ^2/NDF:1117655353371523932204369923350200 32.0/1

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1028.189+/-0.000 χ^2/NDF: 2834204211790 9
Left Out: 984.681+/-0.000 χ^2/NDF:2741283648795873389596451082636099584.0/3
All: 1023.553+/-0.000 χ^2/NDF: 8458456240 5
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1018.423+/-0.000 χ^2/NDF: 5620078093774 7
Left In: 1054.494+/-0.000 χ^2/NDF:1132825224691699933669465733542078054 4.0/1

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

+ sign -47.547+/-0.000 χ^2/NDF: 5707342613817776

Left Out: -73.715+/-0.000 χ^2/NDF:508171823300876330055694374928384 00.0/3

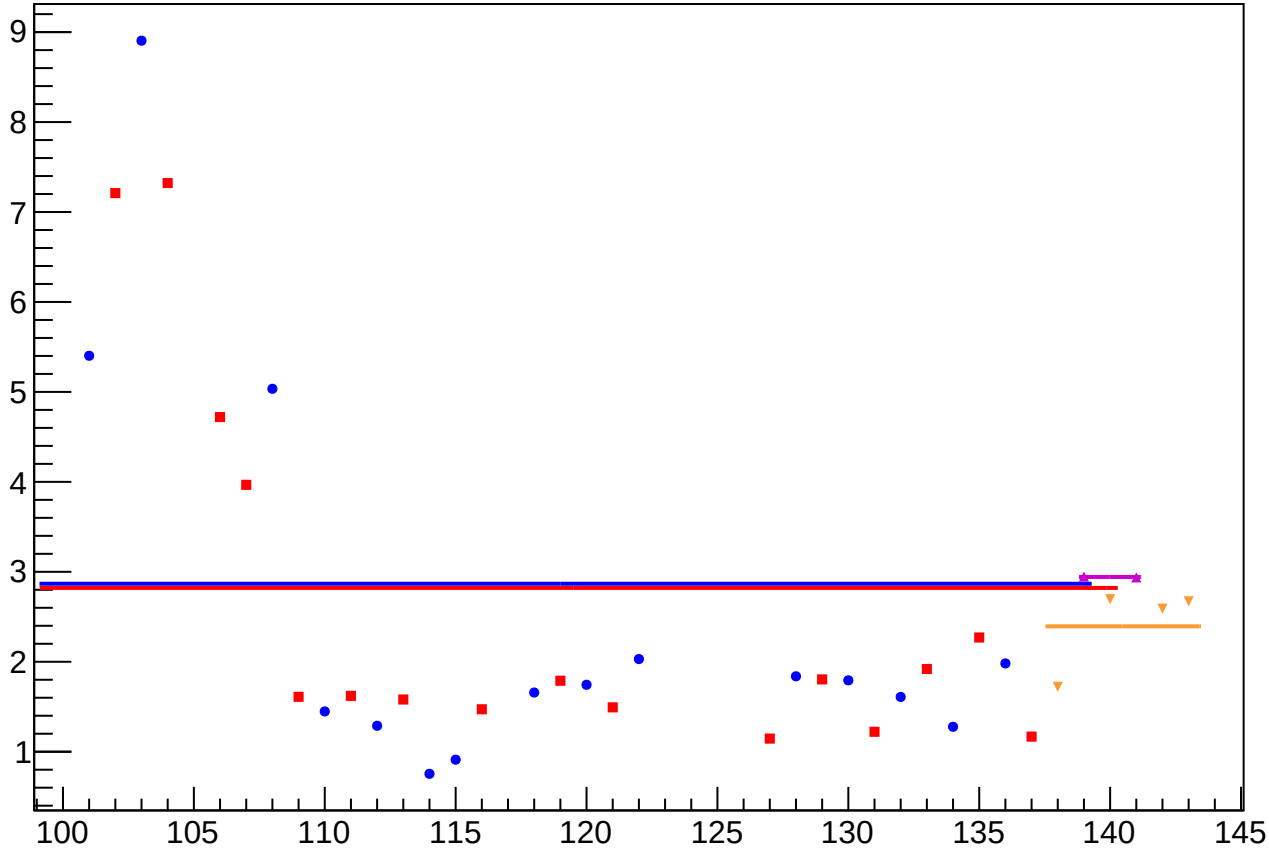
All: -44.578+/-0.000 χ^2/NDF: 112508219077

Right Out: -31.085+/-0.000 χ^2/NDF: 181291079119381636178408498876383232.0/15

- sign -41.291+/-0.000 χ^2/NDF: 5372195867403707

Left In: -82.299+/-0.000 χ^2/NDF:730490060658188836899024552329216 0.0/1

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

+ sign 2.727+/-0.000 χ^2/NDF: 3548249316953341

Left Out: 2.394+/-0.000 χ^2/NDF:4965166188177753808833282572288 0.0/3

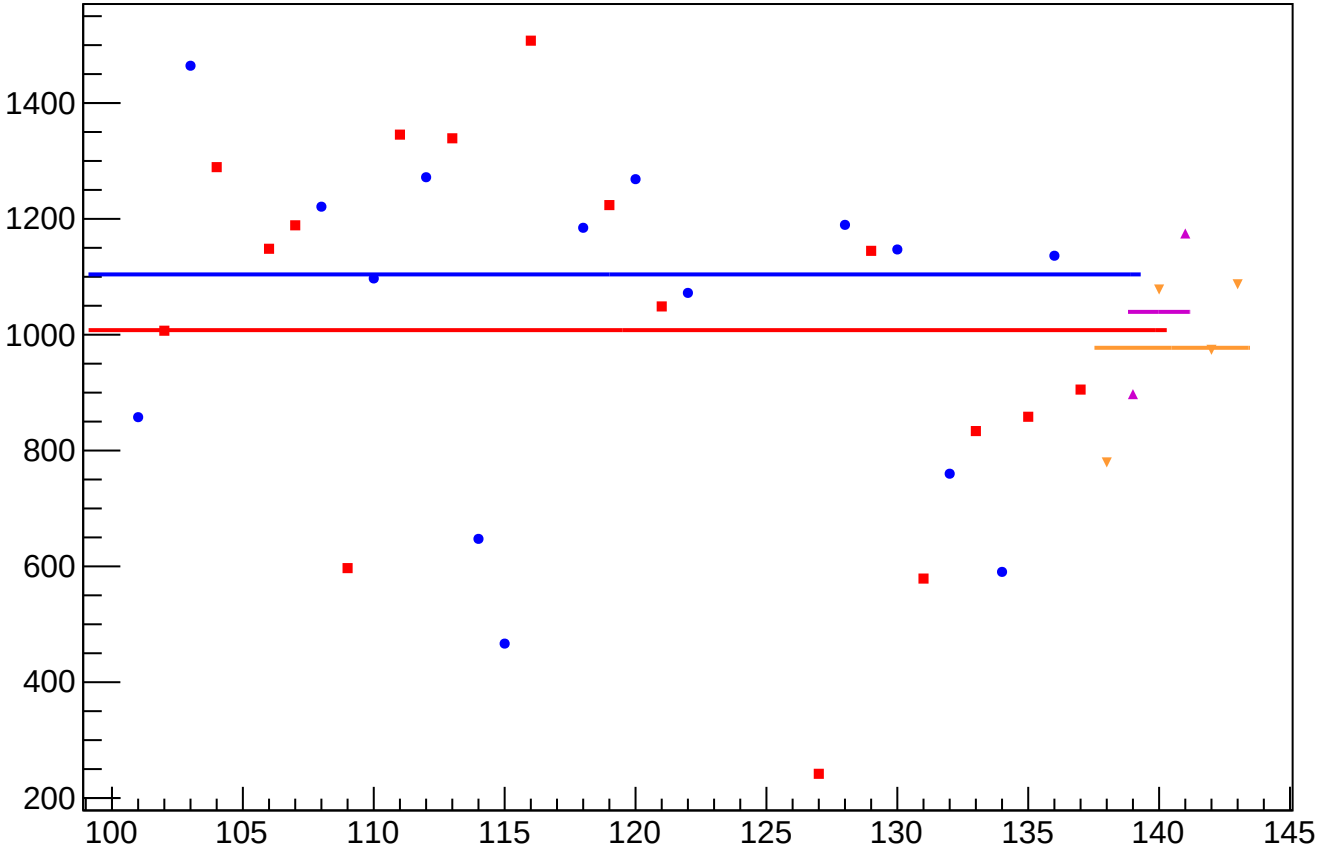
All: 2.783+/-0.000 χ^2/NDF: 6609273008036

Right Out: 2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

- sign 2.845+/-0.000 χ^2/NDF: 3054923828774833

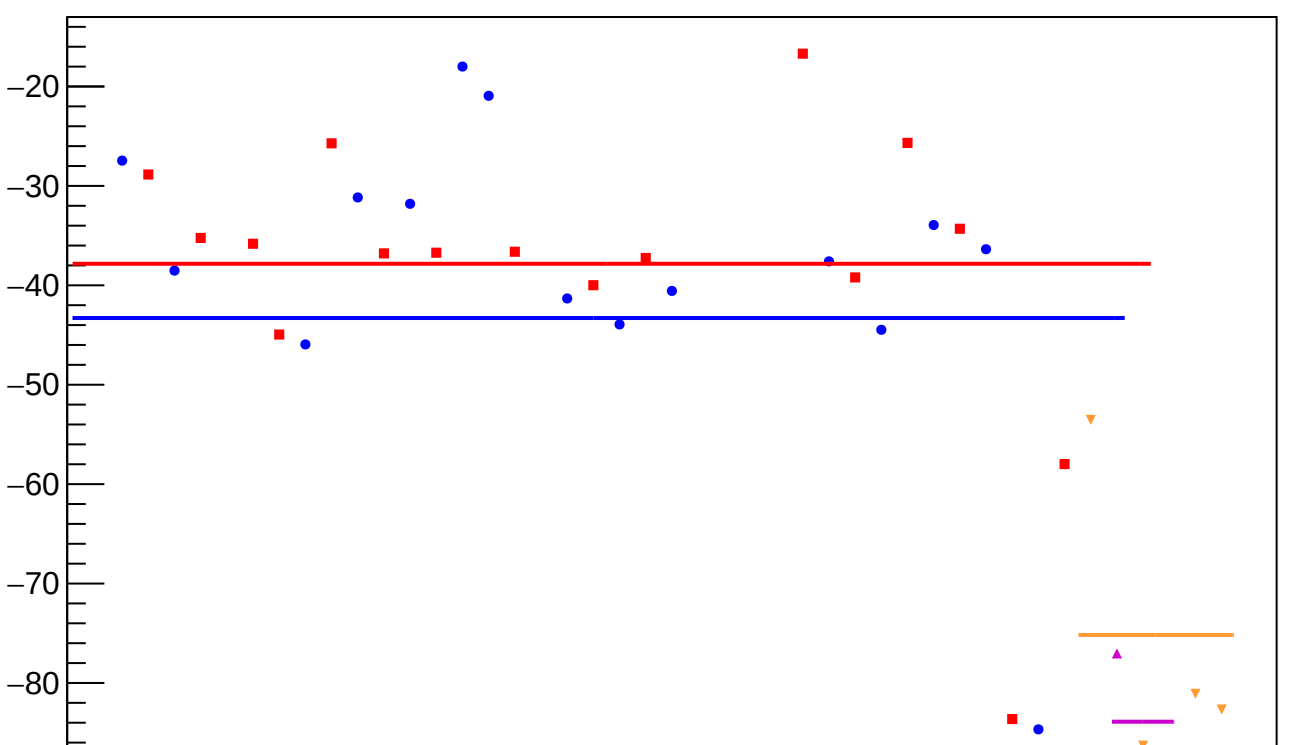
Left In: 2.943+/-0.000 χ^2/NDF:3556874034331455791690678272.0/1

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265
Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

+ sign -52.730+/-0.000 χ^2/NDF: 446729495345245

Left Out: -75.173+/-0.000 χ^2/NDF:520439876324252588206662448861675 52.0/3

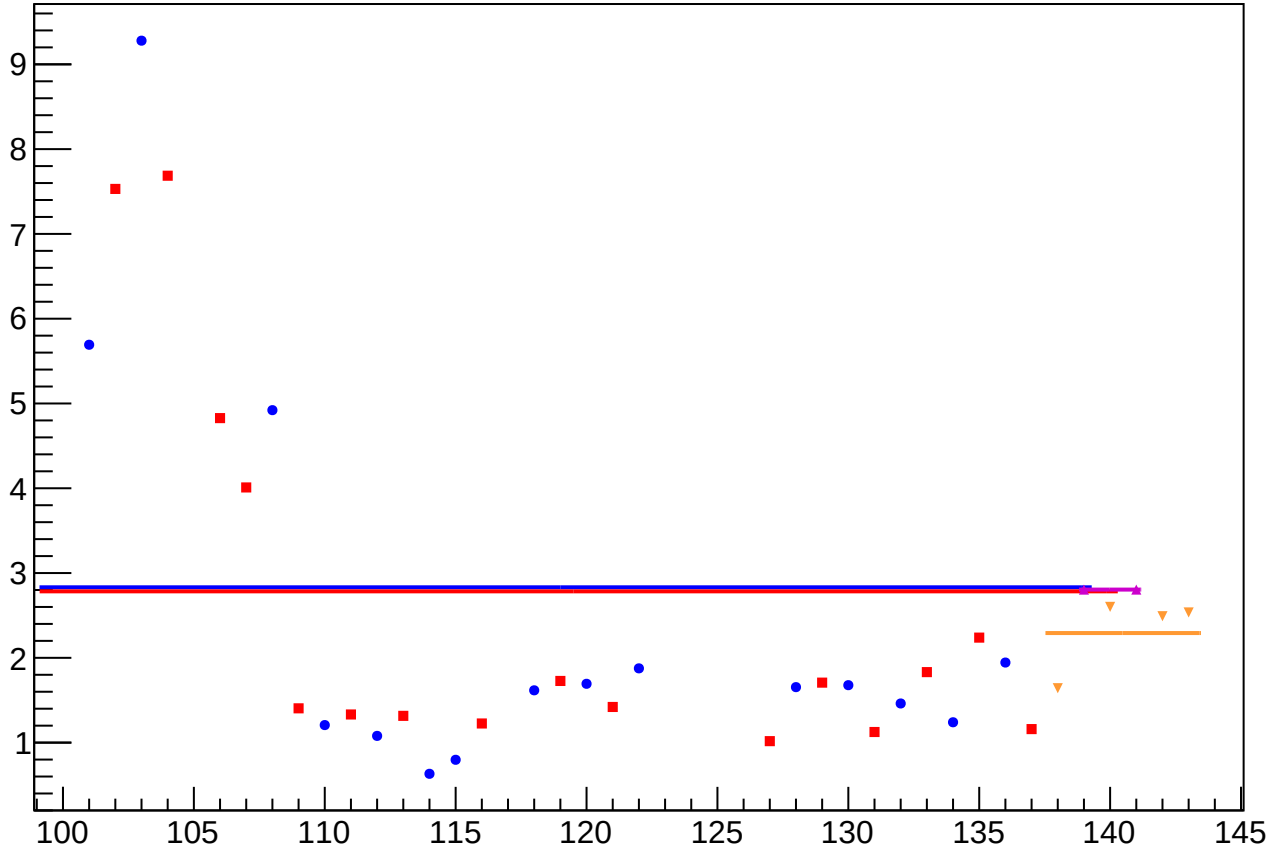
All: -50.016+/-0.000 χ^2/NDF: 899254020060

Right Out: -37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

- sign -47.012+/-0.000 χ^2/NDF: 438218592846606 8

Left In: -83.898+/-0.000 χ^2/NDF:746717655365253702303522317611 8272.0/1

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

+ sign 2.672+/-0.000 χ^2/NDF: 4060199645137279 4

Left Out: 2.292+/-0.000 χ^2/NDF:46595415532977796743838786650112.0/3

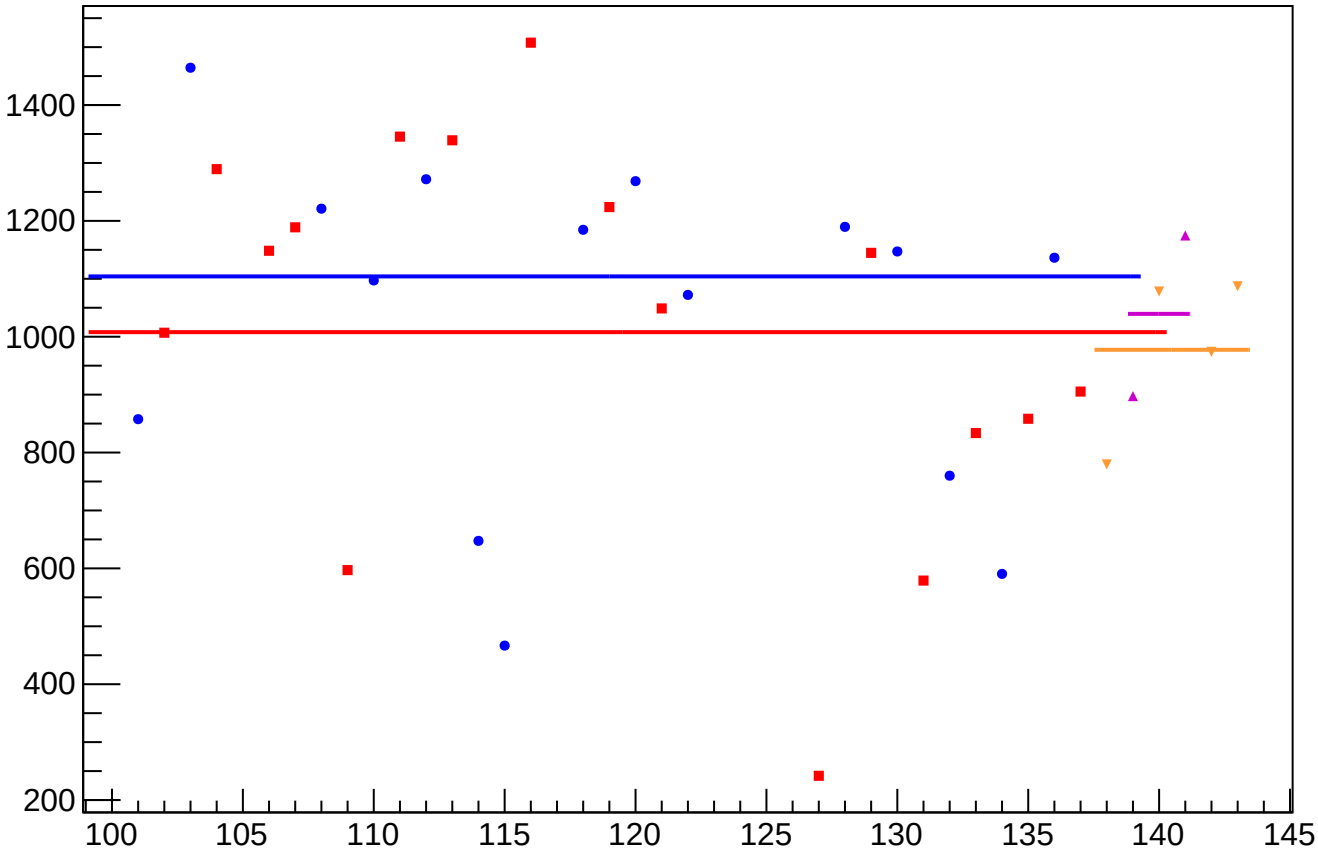
All: 2.727+/-0.000 χ^2/NDF: 7655713865971 2

Right Out: 2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15

- sign 2.788+/-0.000 χ^2/NDF: 3589601798008213 6

Left In: 2.805+/-0.000 χ^2/NDF:19583345821233751586242 56.0/1

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703

Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3

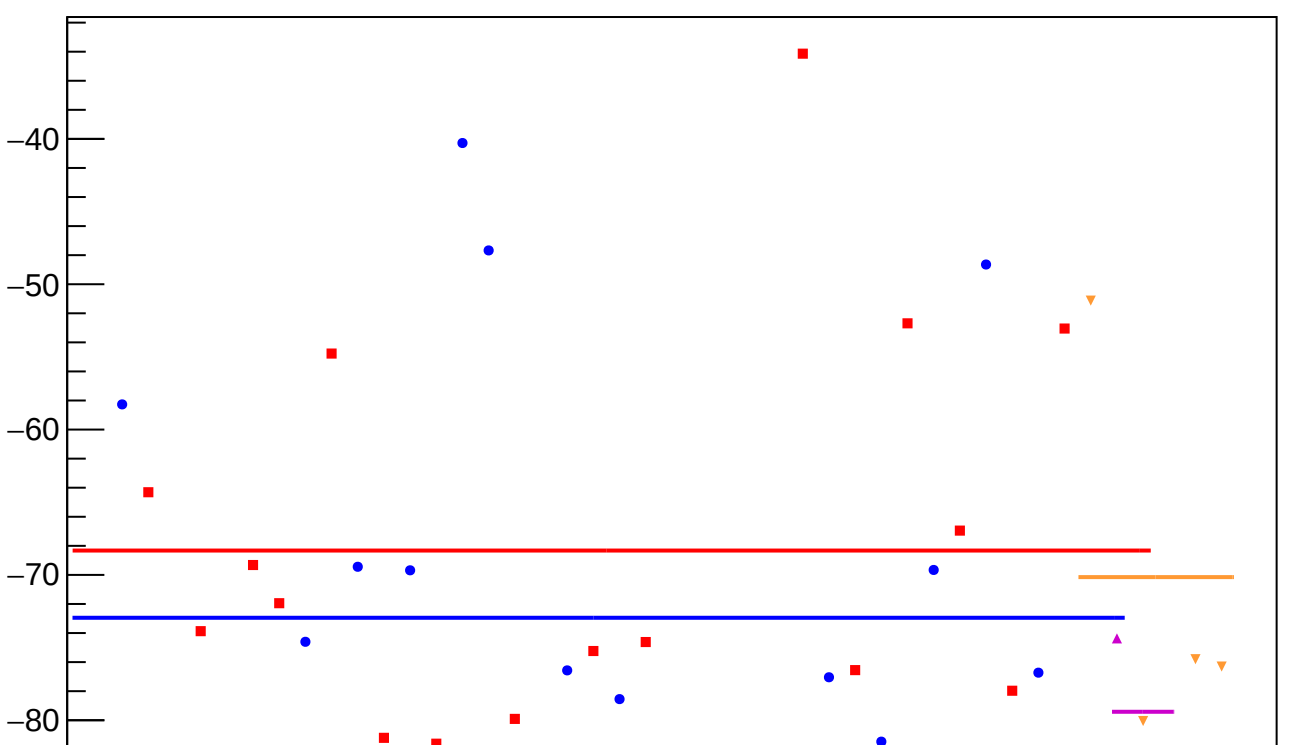
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265

Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Left Out: -70.152+/-0.000 χ^2/NDF:4027328339835660958079977815592140 8.0/3

Right Out: -68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

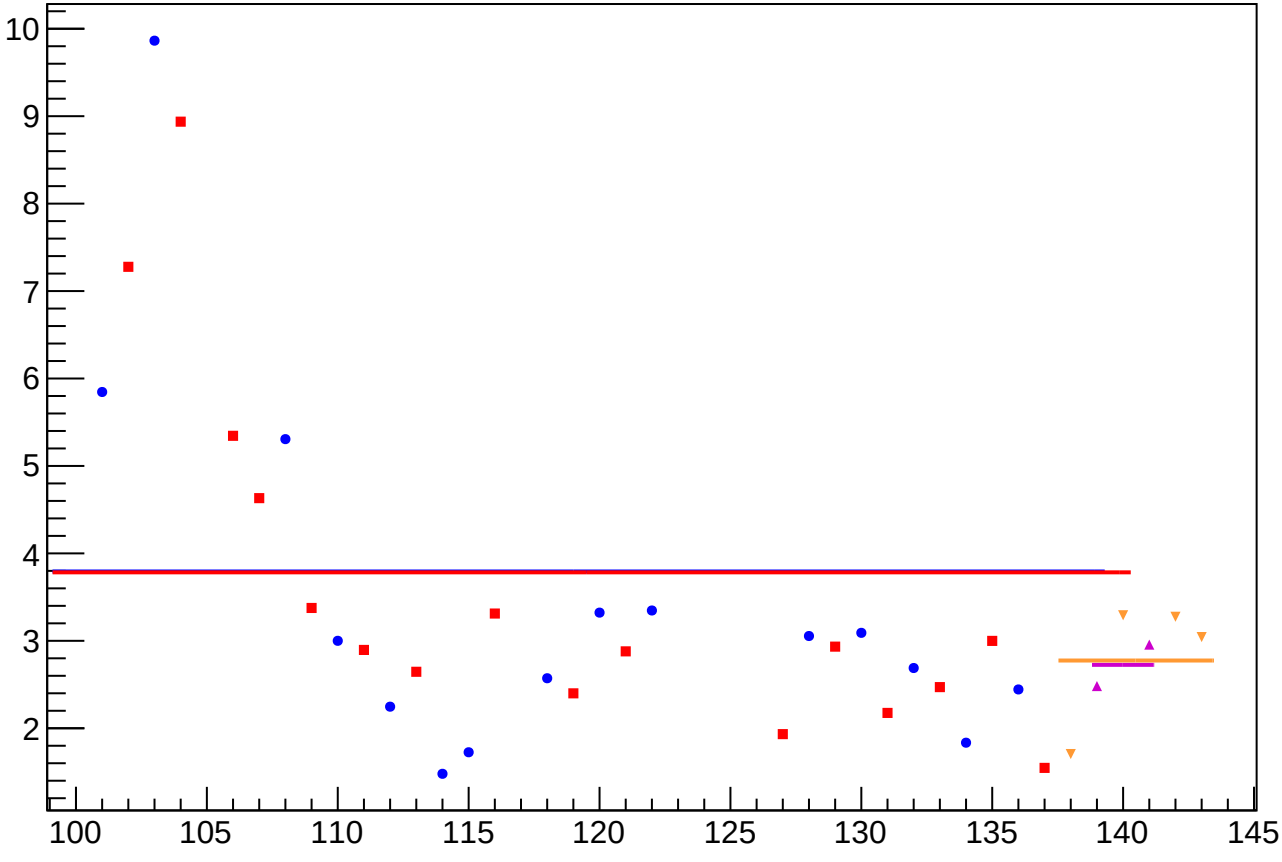
Left In: -79.417+/-0.000 χ^2/NDF:4034723146011087333091154975522816.0/1

+ sign -72.121+/-0.000 χ^2/NDF: 107531784034988

All: -71.368+/-0.000 χ^2/NDF: 235721118605

- sign -70.534+/-0.000 χ^2/NDF: 1270878615697845

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

+ sign 3.491+/-0.000 χ^2/NDF: 3532088612398923 5

Left Out: 2.775+/-0.000 χ^2/NDF:1275233141937599432051349981757 44.0/3

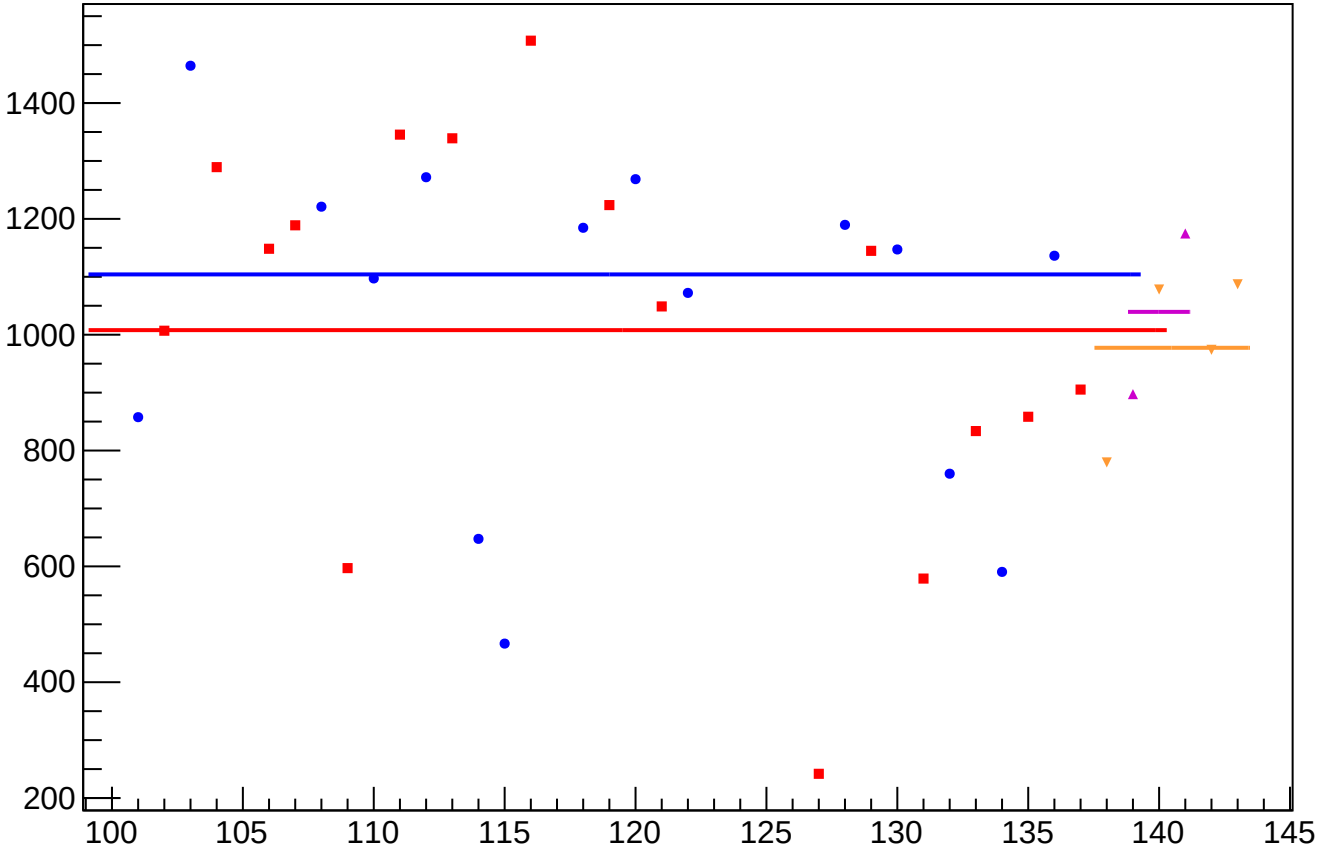
All: 3.530+/-0.000 χ^2/NDF: 6571595321531 8

Right Out: 3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

- sign 3.572+/-0.000 χ^2/NDF: 3036636402629737 8

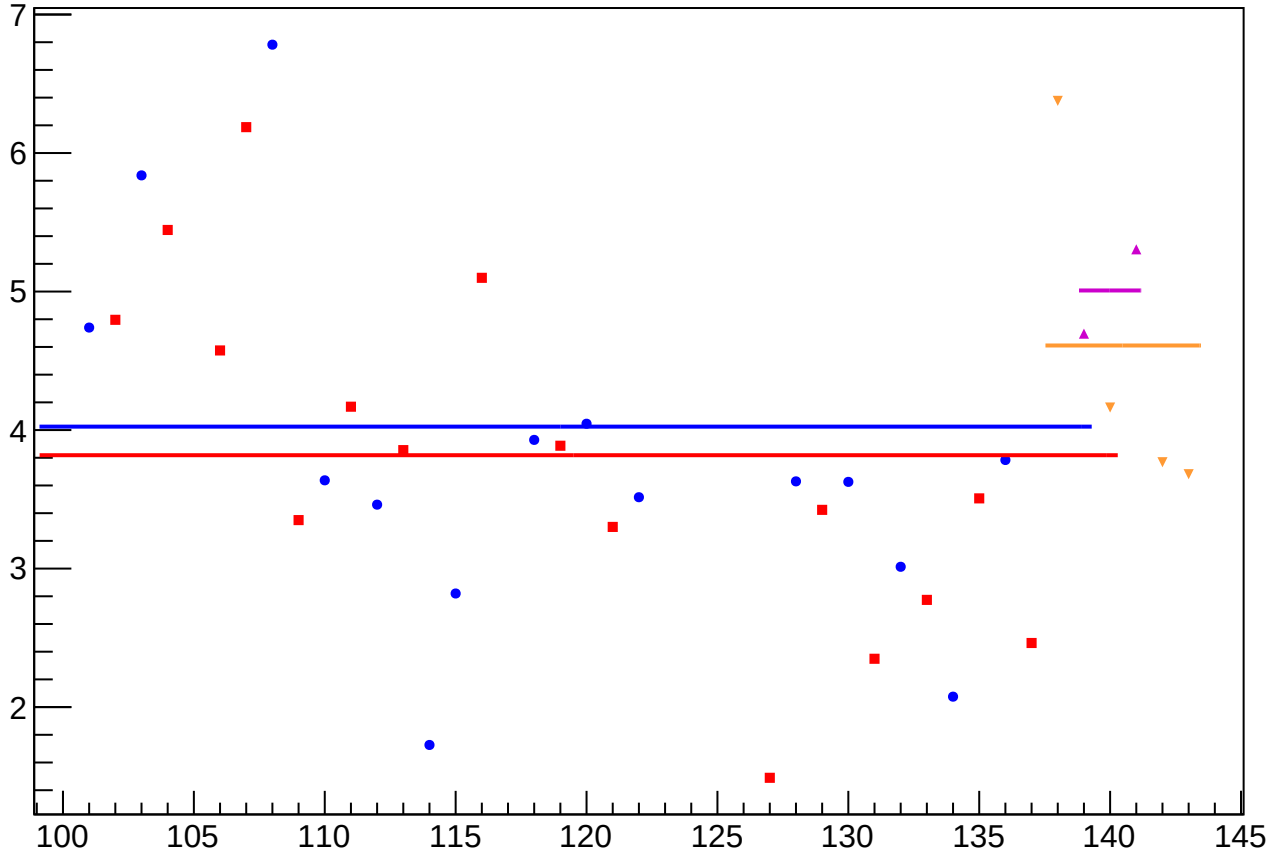
Left In: 2.725+/-0.000 χ^2/NDF:9317984001328955152353642676224.0/1

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265
Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

+ sign 4.198+/-0.000 χ^2/NDF: 1185173793256454

Left Out: 4.611+/-0.000 χ^2/NDF:350237745088913975679215193817088.0/3

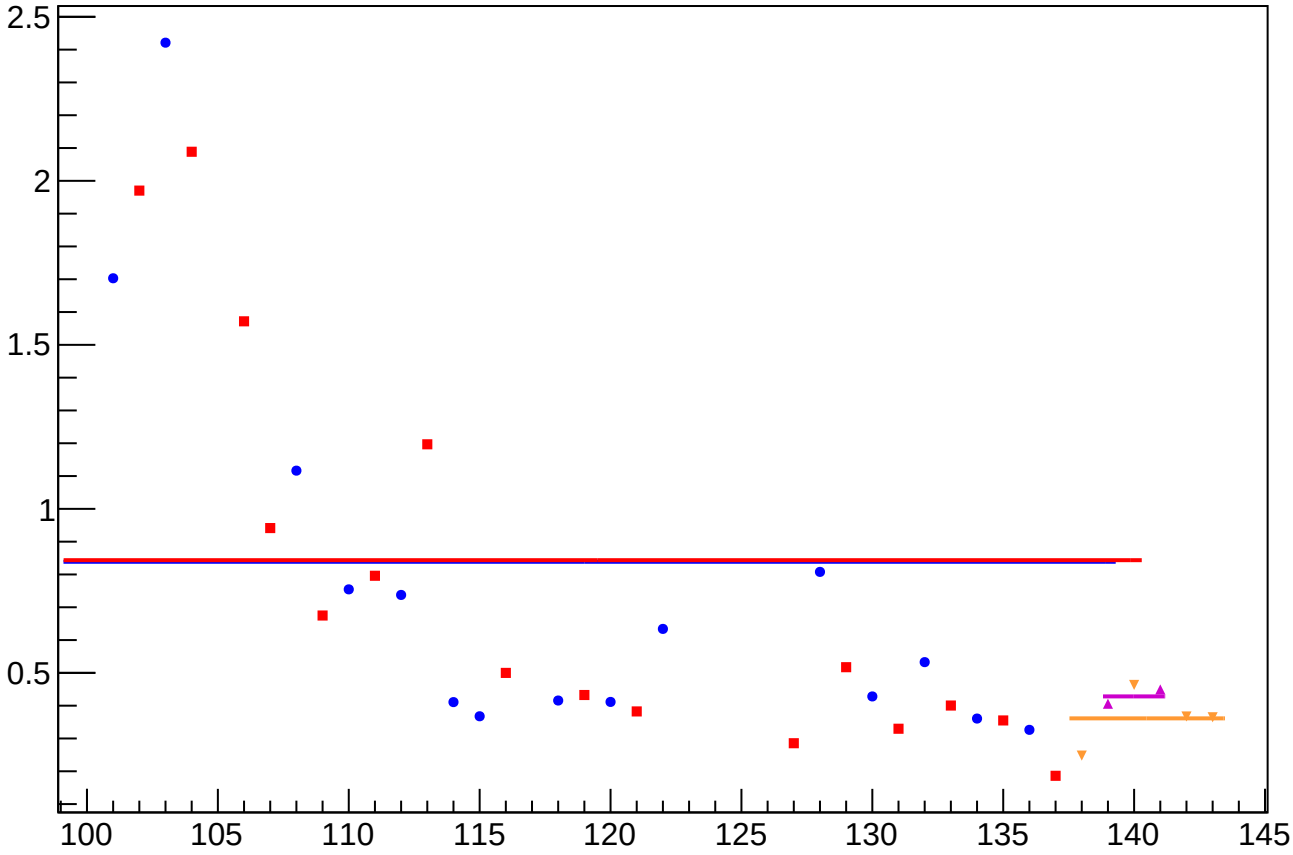
All: 4.130+/-0.000 χ^2/NDF: 2285695270688

Right Out: 3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

- sign 4.056+/-0.000 χ^2/NDF: 10916037412496786

Left In: 5.008+/-0.000 χ^2/NDF:153746022208509854009506775695 36.0/1

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Left Out: 0.361+/-0.000 χ^2/NDF:185936469999035673193551495168 0.0/3

Right Out: 0.844+/-0.000 χ^2/NDF: 252917509393432760240648918925312.0/15

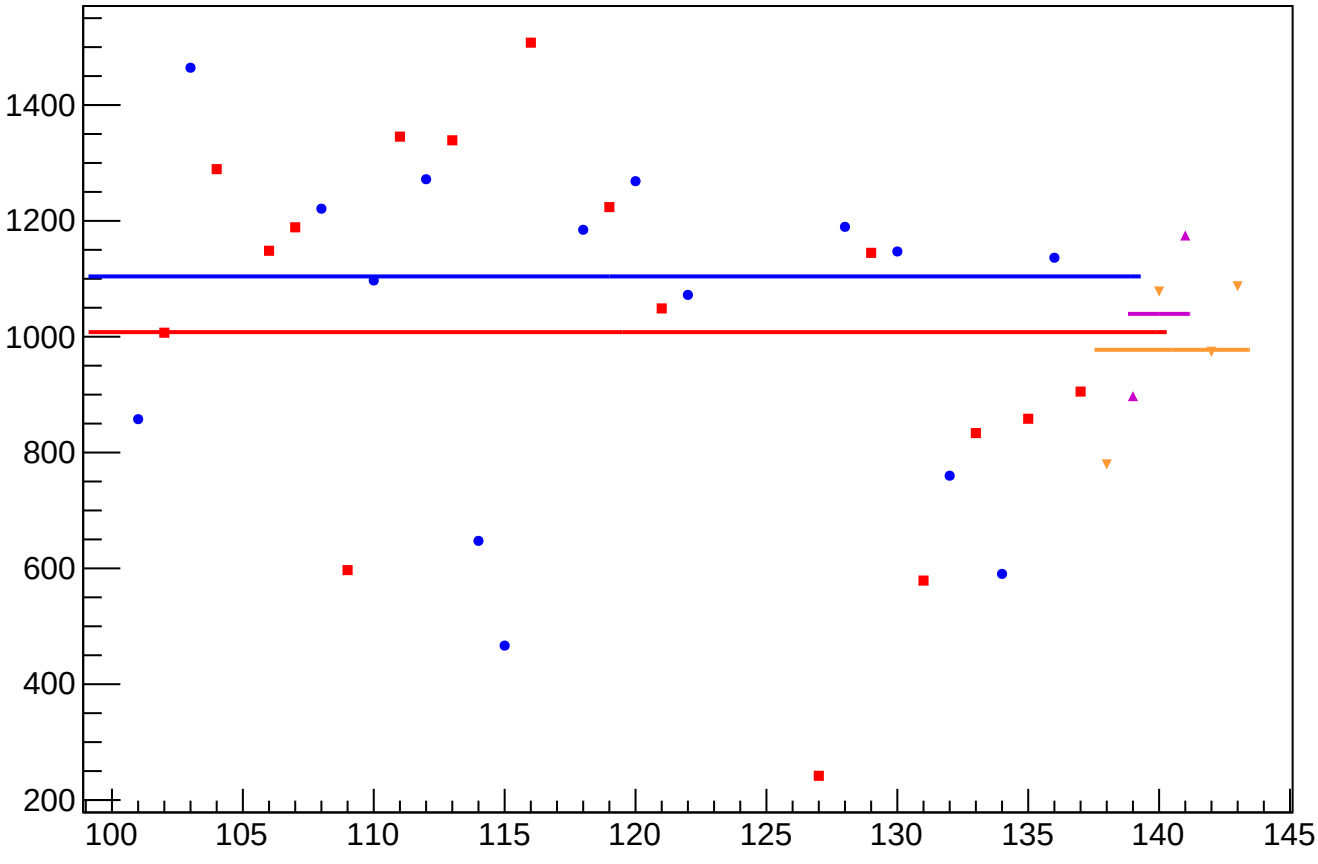
Left In: 0.428+/-0.000 χ^2/NDF:786926286616232161991112785 92.0/1

+ sign 0.697+/-0.000 χ^2/NDF: 3040744478958264 0

All: 0.727+/-0.000 χ^2/NDF: 581754491109 22

- sign 0.761+/-0.000 χ^2/NDF: 2759189970665186 9

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703

Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3

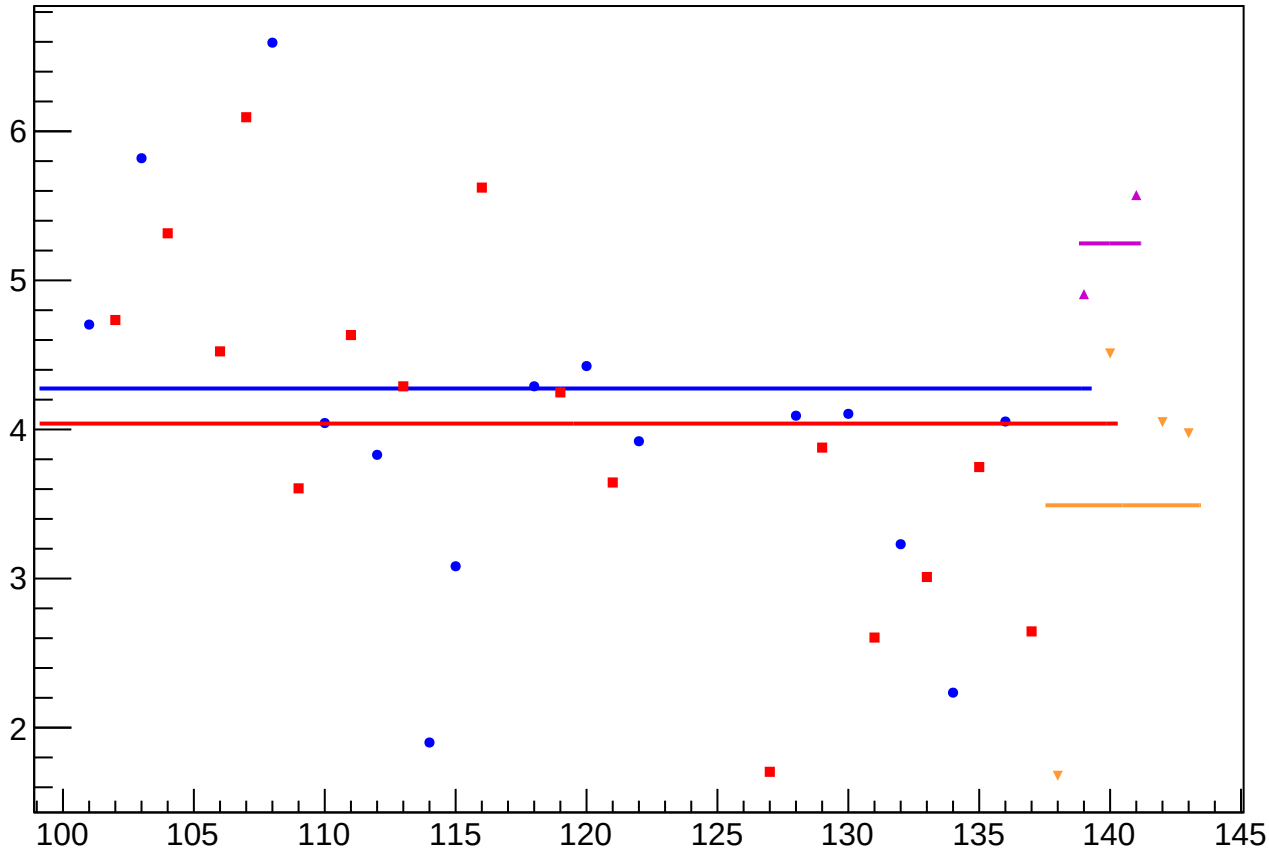
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265

Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

+ sign 4.043+/-0.000 χ^2/NDF: 1086905858934391 3

Left Out: 3.491+/-0.000 χ^2/NDF:3717695380210531120960311121674 24.0/3

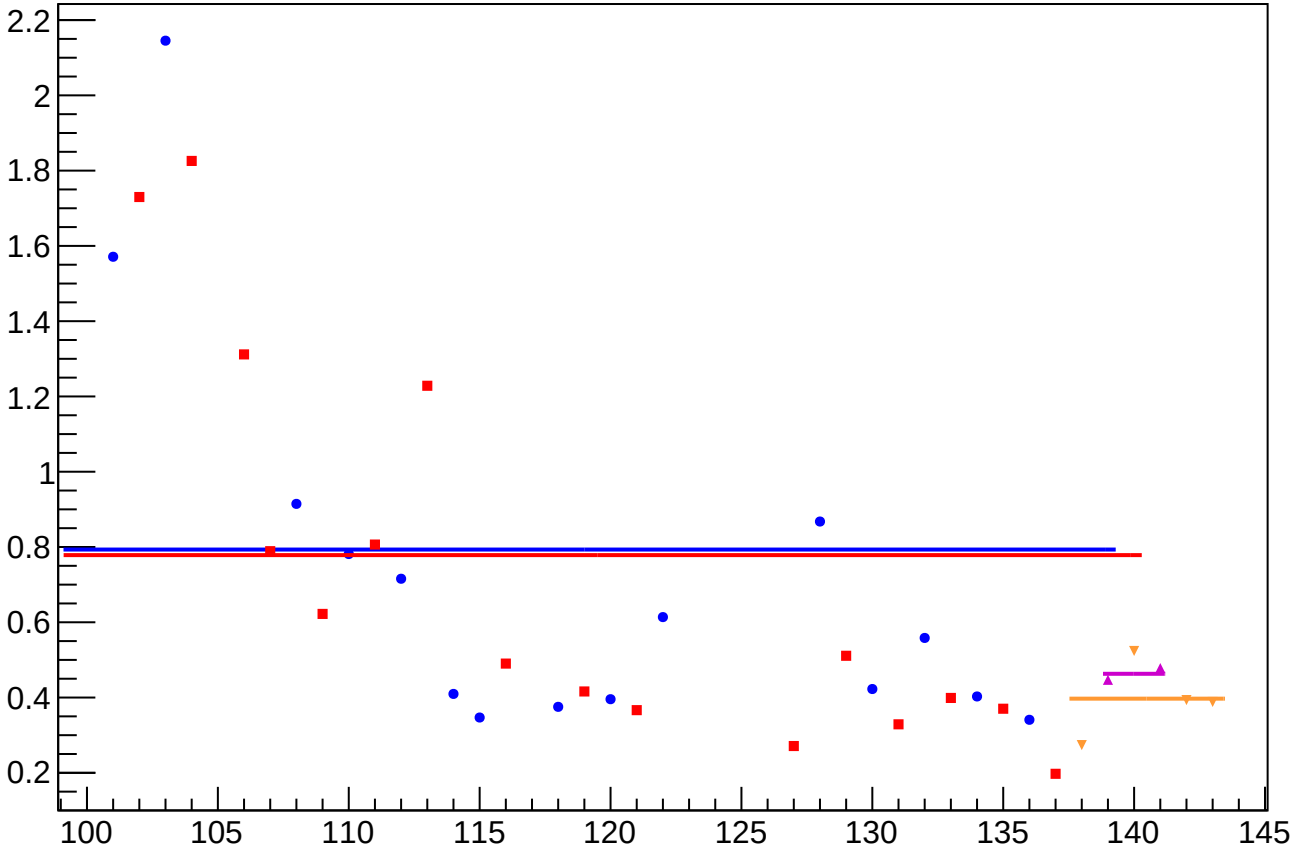
All: 4.156+/-0.000 χ^2/NDF: 2096414927958 0

Right Out: 4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

- sign 4.280+/-0.000 χ^2/NDF: 9848261520923144 9

Left In: 5.248+/-0.000 χ^2/NDF:1831687072771057346084868194304 0.0/1

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF: 1955087771735894834403147000053 76.0/14

+ sign 0.676+/-0.000 χ^2/NDF: 2281808495327352 9

Left Out: 0.397+/-0.000 χ^2/NDF:2509649551036996402173326655488.0/3

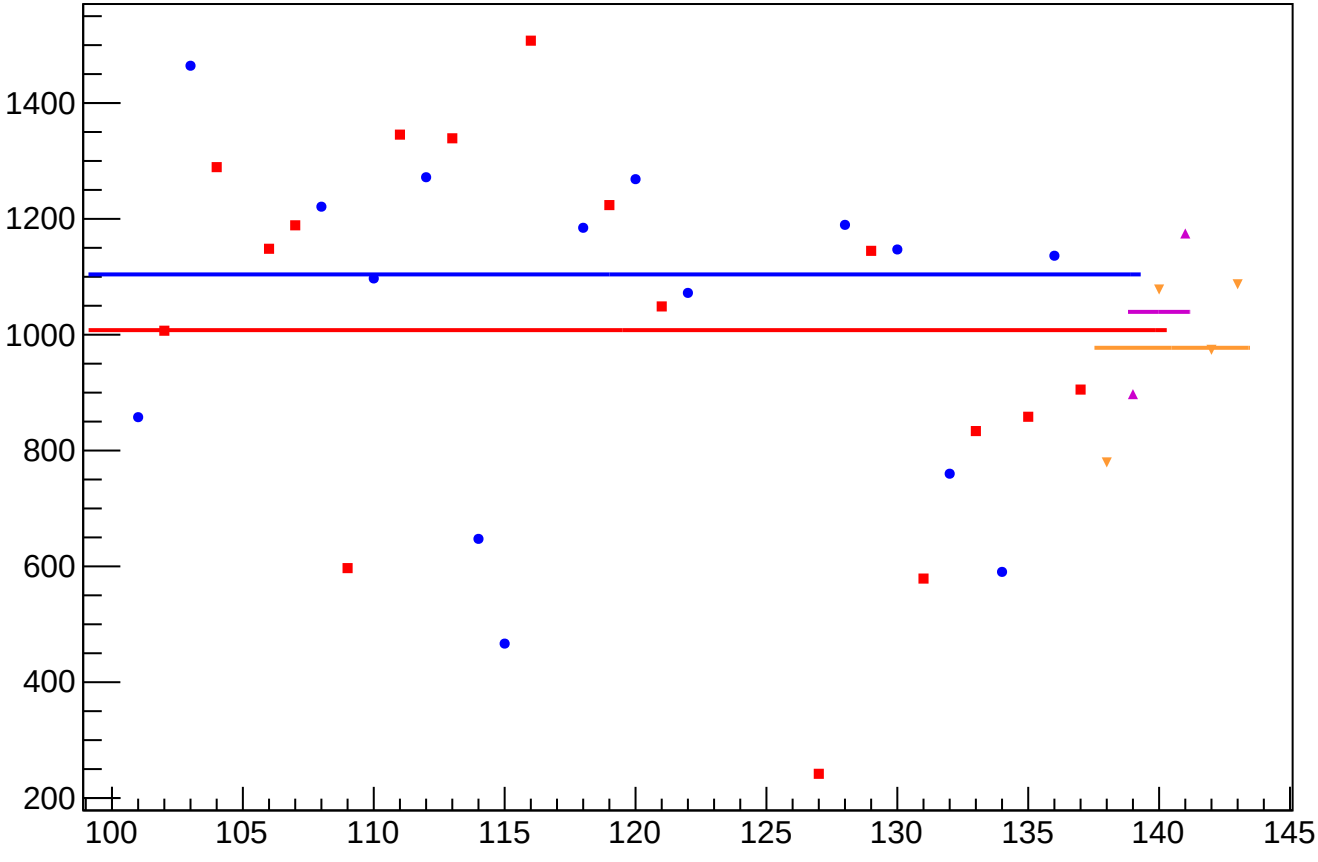
All: 0.695+/-0.000 χ^2/NDF: 4279418780520 6

Right Out: 0.778+/-0.000 χ^2/NDF: 1858146357721833060639036900638 72.0/15

- sign 0.716+/-0.000 χ^2/NDF: 19907243839412067

Left In: 0.463+/-0.000 χ^2/NDF:4018175916316228838994686771 2.0/1

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703

Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3

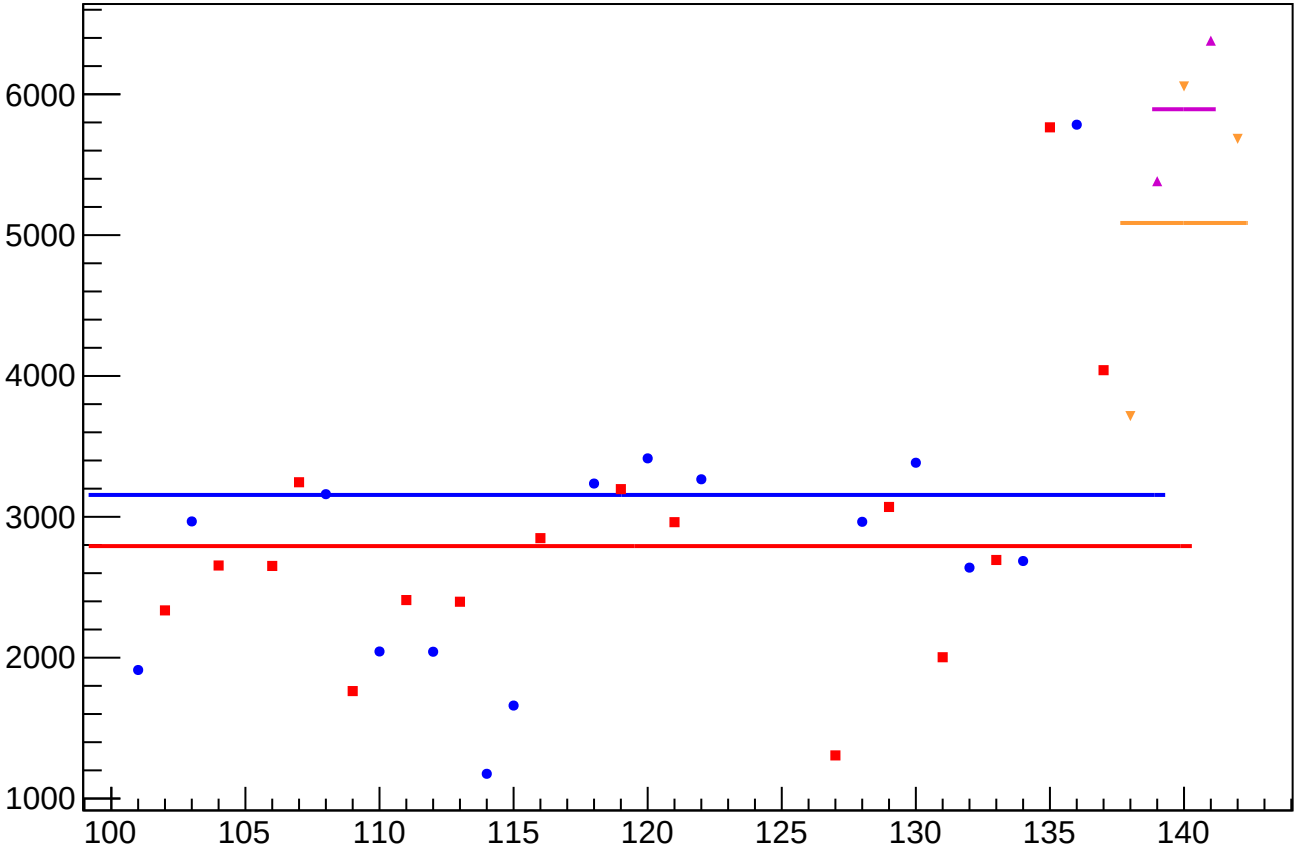
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265

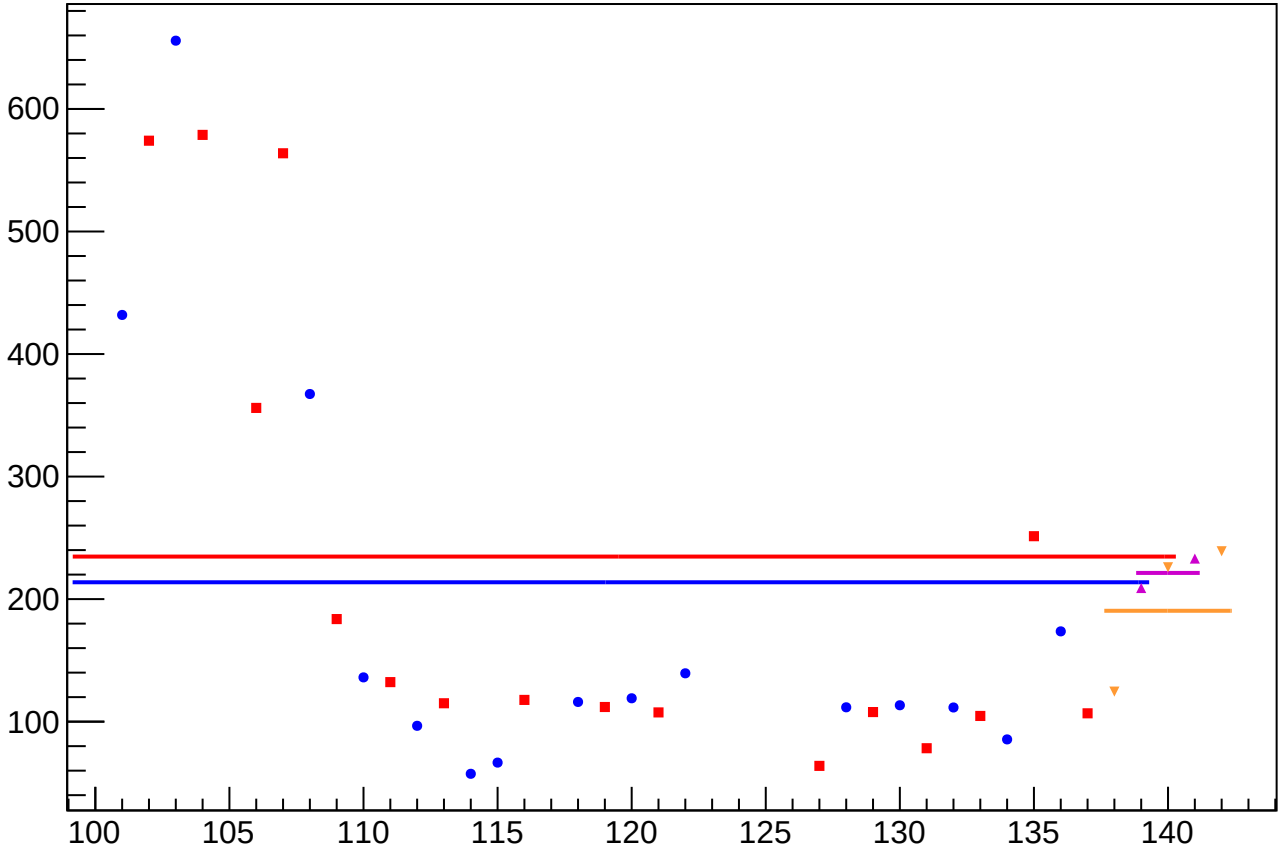
Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14
+ sign 3620.645+/-0.000 χ^2/NDF: 17266121865409
Left Out: 5086.285+/-0.000 χ^2/NDF:2400956938327949687764342558892081807 36.0/2
All: 3516.848+/-0.000 χ^2/NDF: 3739782412 5
Right Out: 2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867 17184.0/15
- sign 3410.310+/-0.000 χ^2/NDF: 19945037947735
Left In: 5893.739+/-0.000 χ^2/NDF:4127989017615585374803661722313608 3968.0/1

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

+ sign 208.134+/-0.000 χ^2/NDF: 20354068839414

Left Out: 190.473+/-0.000 χ^2/NDF:5512914591699470162494307367974338 56.0/2

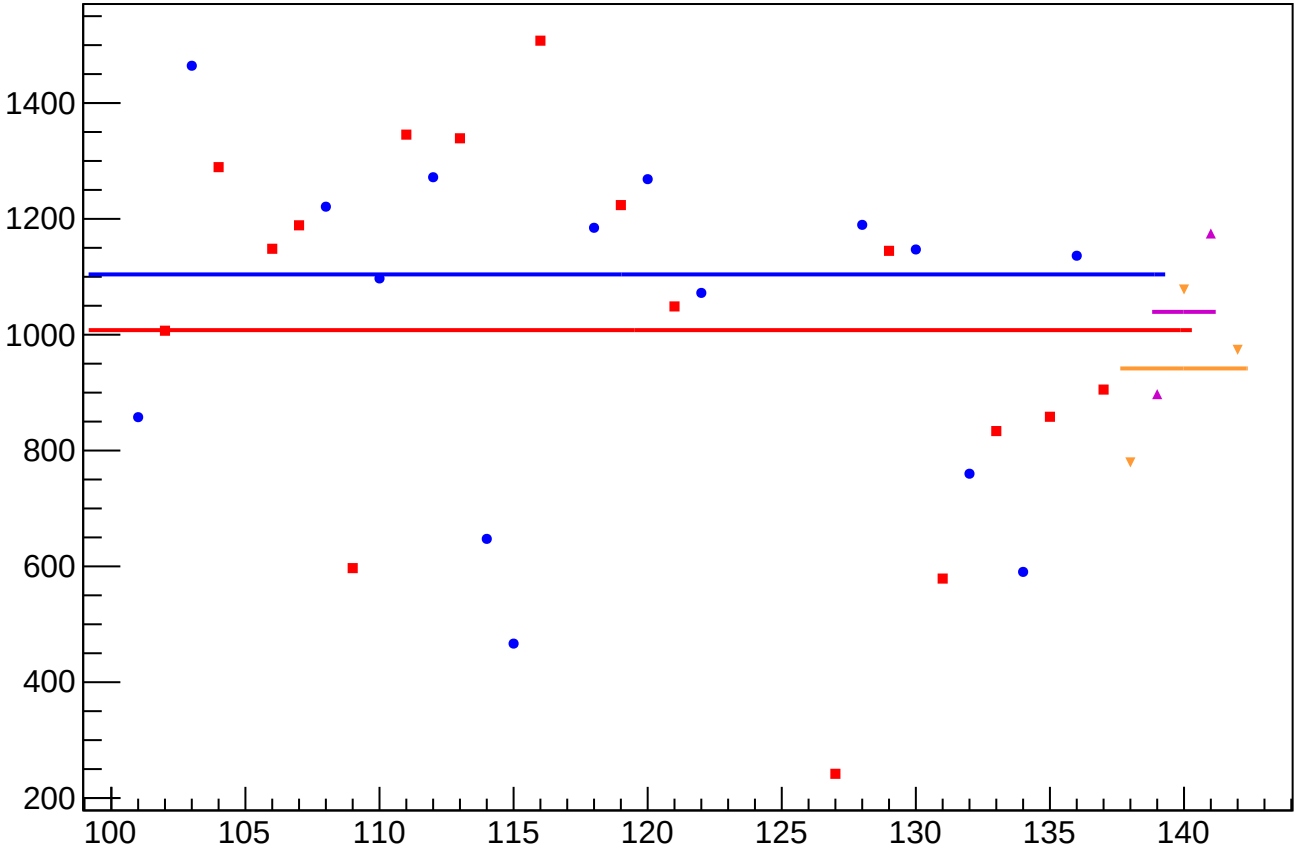
All: 219.937+/-0.000 χ^2/NDF: 44656219418

Right Out: 234.712+/-0.000 χ^2/NDF: 24013134107167214895189050481067425792.0/15

- sign 232.053+/-0.000 χ^2/NDF: 240607570074353

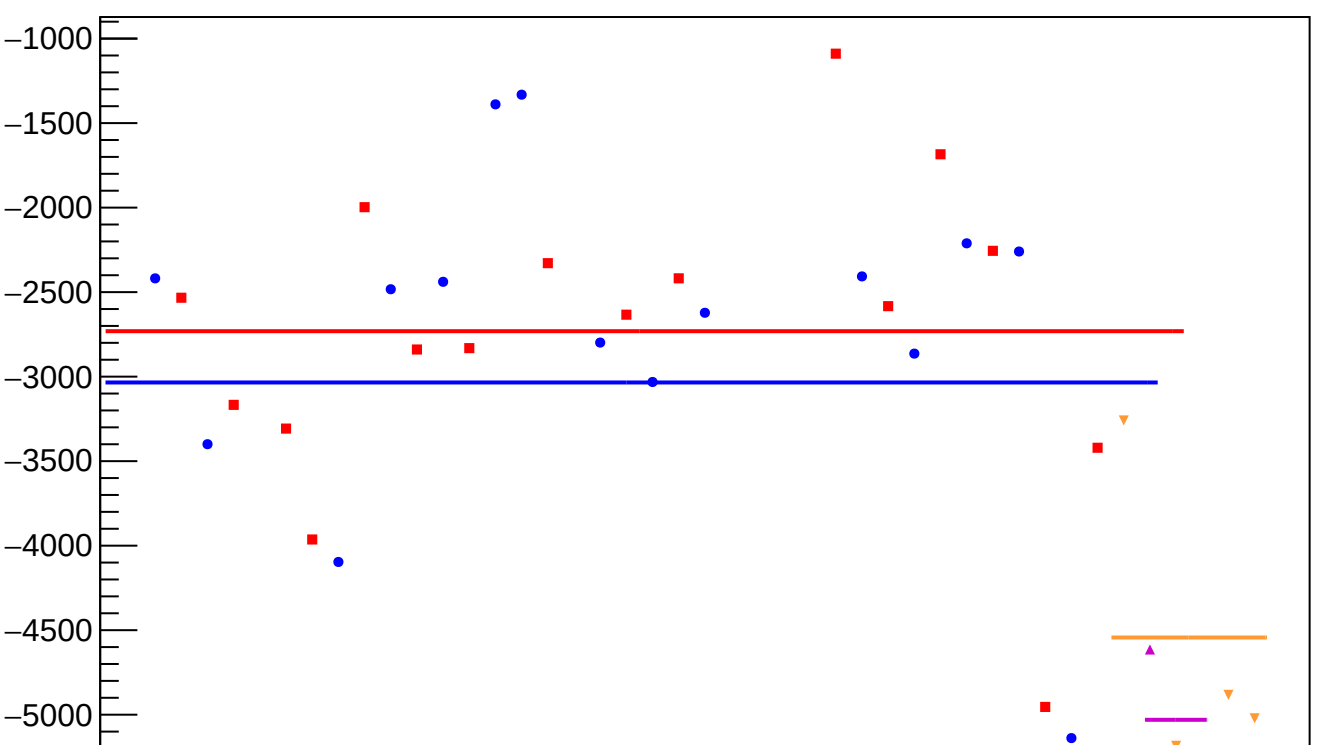
Left In: 221.365+/-0.000 χ^2/NDF:23942641885581111160786173118382080.0/1

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1064.992+/-0.000 χ^2/NDF: 40484581577719
Left Out: 941.748+/-0.000 χ^2/NDF:362460792955495445978731767563236 1472.0/2
All: 1039.921+/-0.000 χ^2/NDF: 1139744638 0
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265
Left In: 1039.434+/-0.000 χ^2/NDF:319089046258758748546542672968207 5648.0/1

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14

Left Out: -4543.334+/-0.000 χ^2/NDF:1829009256031201730848570072362909696 00.0/3

Right Out: -2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

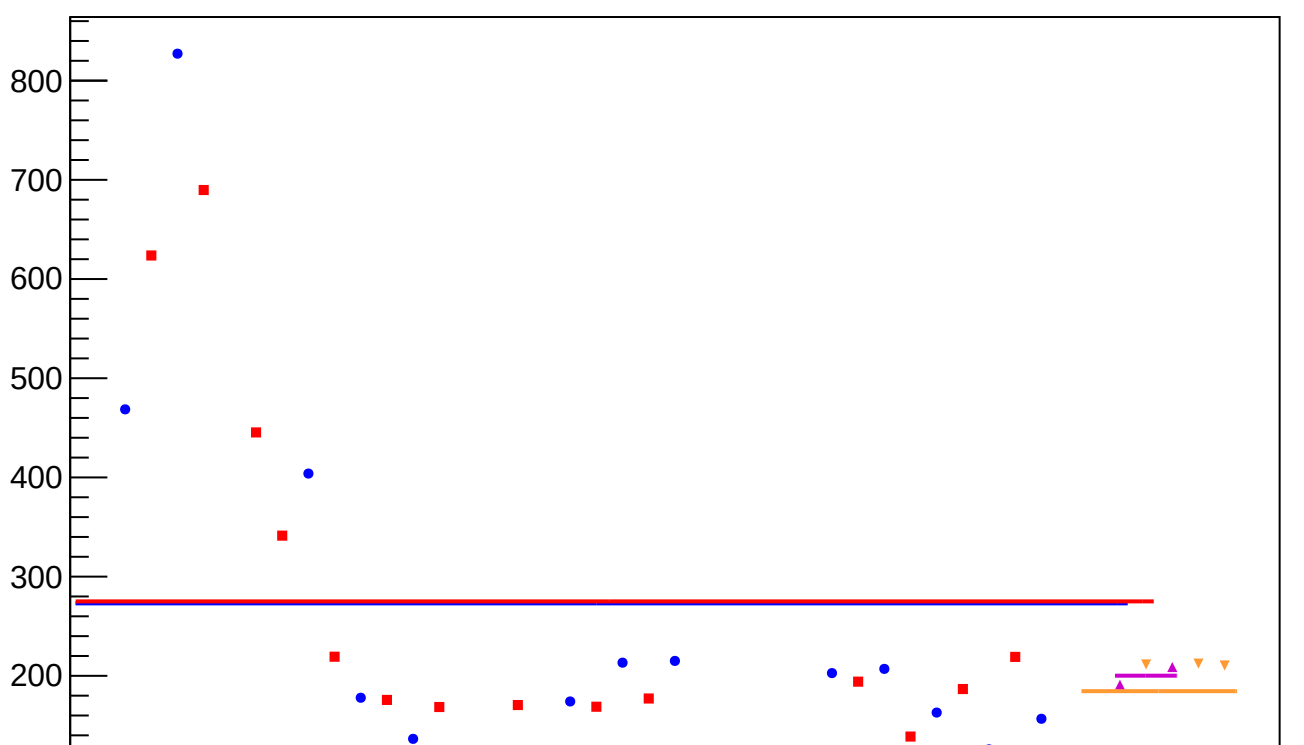
Left In: -5030.238+/-0.000 χ^2/NDF:2736746256467660282211326662514468454 4.0/1

+ sign -3481.278+/-0.000 χ^2/NDF: 1251060605792

All: -3342.654+/-0.000 χ^2/NDF: 2546704808

- sign -3189.219+/-0.000 χ^2/NDF: 1258315829756 7

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

+ sign 246.835+/-0.000 χ^2/NDF: 284805597120667

Left Out: 184.542+/-0.000 χ^2/NDF:4896329902559855526598143376235948 8.0/3

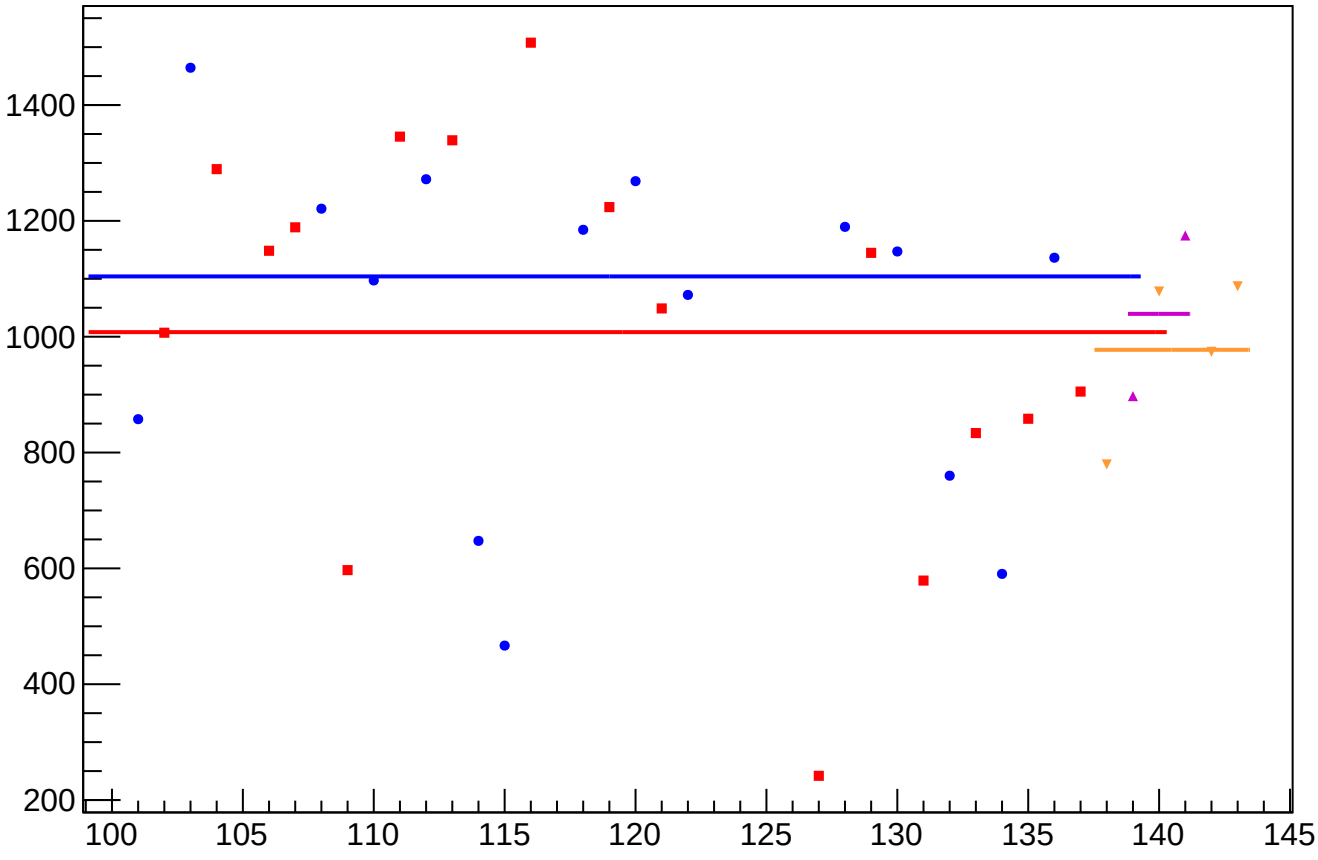
All: 253.140+/-0.000 χ^2/NDF: 515814378345

Right Out: 275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

- sign 260.118+/-0.000 χ^2/NDF: 230236655681718

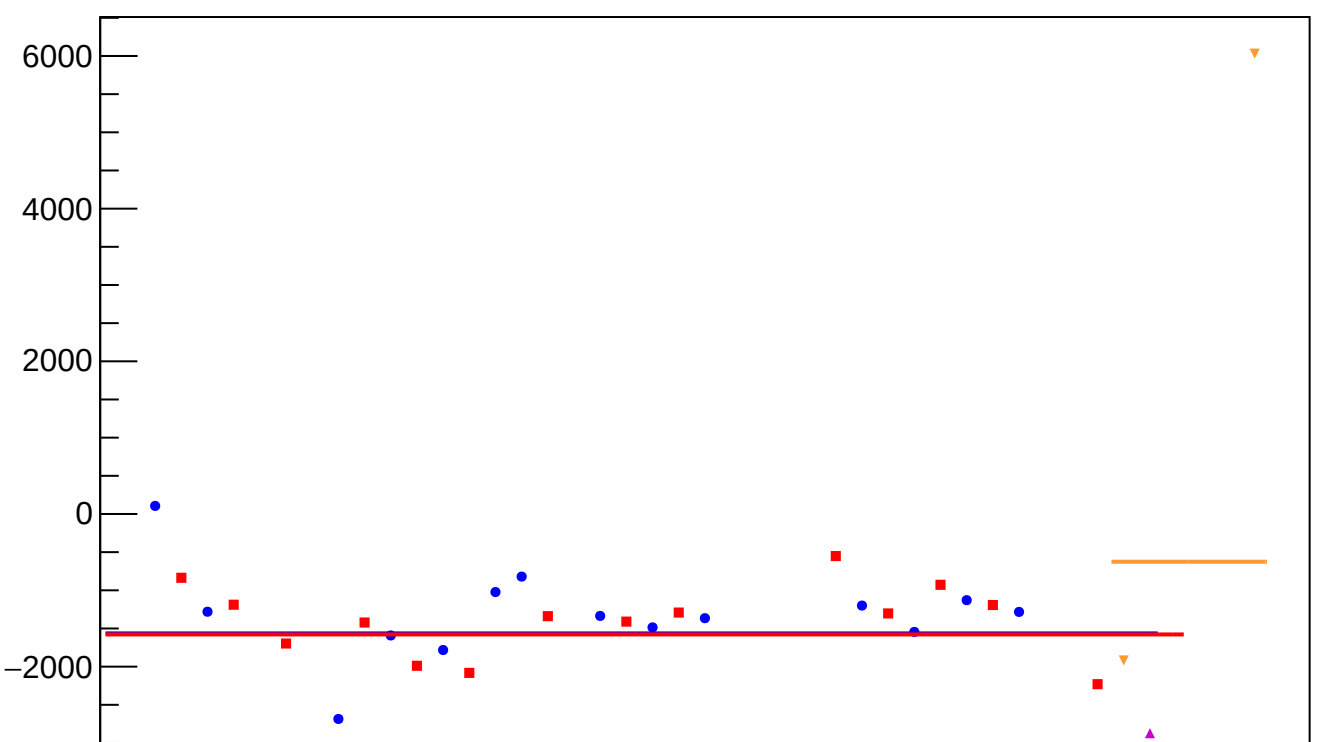
Left In: 200.146+/-0.000 χ^2/NDF:1326734729341406822189126917082316 8.0/1

dit_usr_coil3_Ndata_mean vs Slug



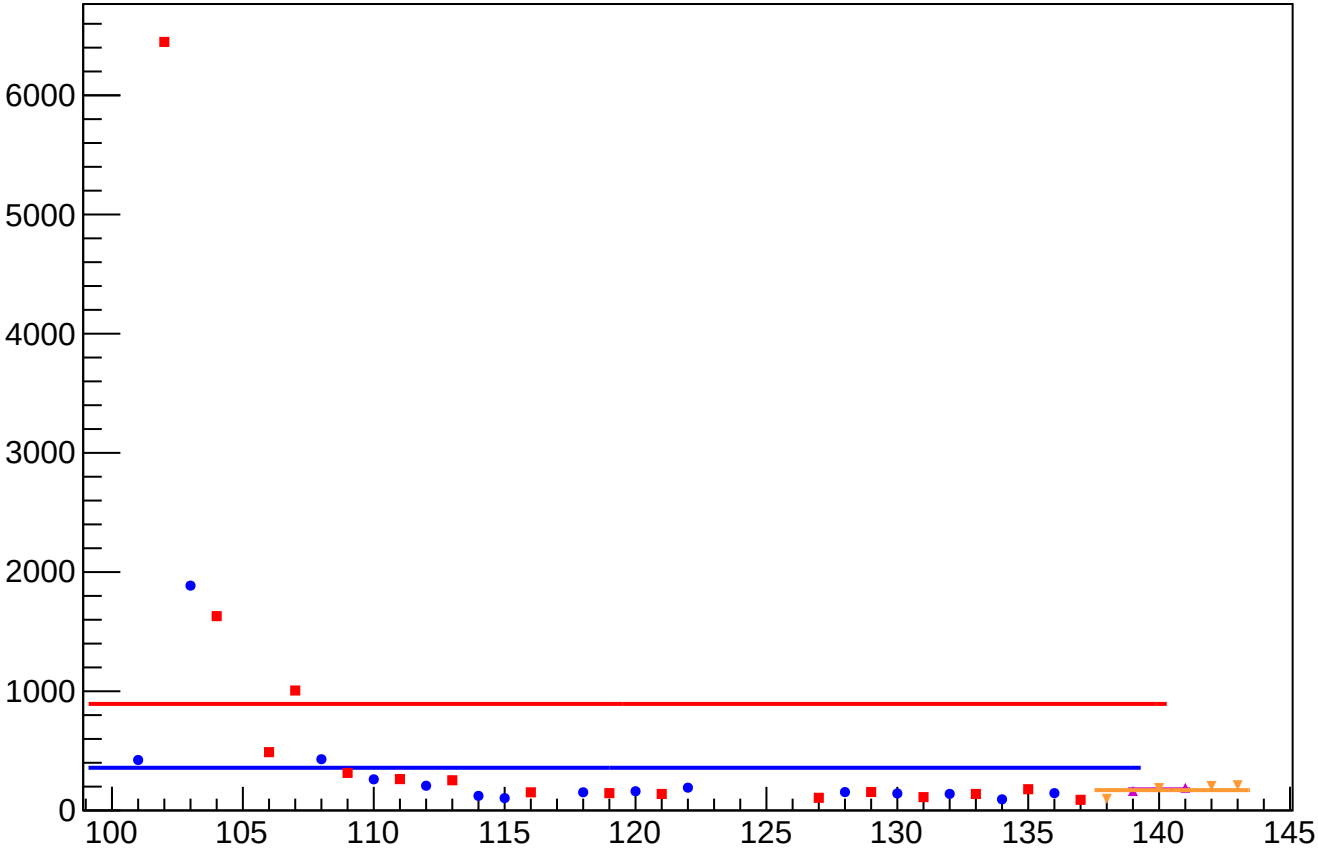
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265
Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14
+ sign -1286.477+/-0.000 χ^2/NDF: 4681881491865
Left Out: -625.309+/-0.000 χ^2/NDF:4028466661997418102708846865084422553600.0/3
All: -1581.304+/-0.000 χ^2/NDF: 5602919420
Right Out: -1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
- sign -1907.631+/-0.000 χ^2/NDF: 7521894289069 5
Left In: -3231.395+/-0.000 χ^2/NDF:2045268379973959569587915238438390988 8.0/1

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF: 157922789145697858165644452090202816512.0/14

+ sign 302.539+/-0.000 χ^2/NDF: 165293506616264

Left Out: 170.502+/-0.000 χ^2/NDF:609255866771218804787193641628073984.0/3

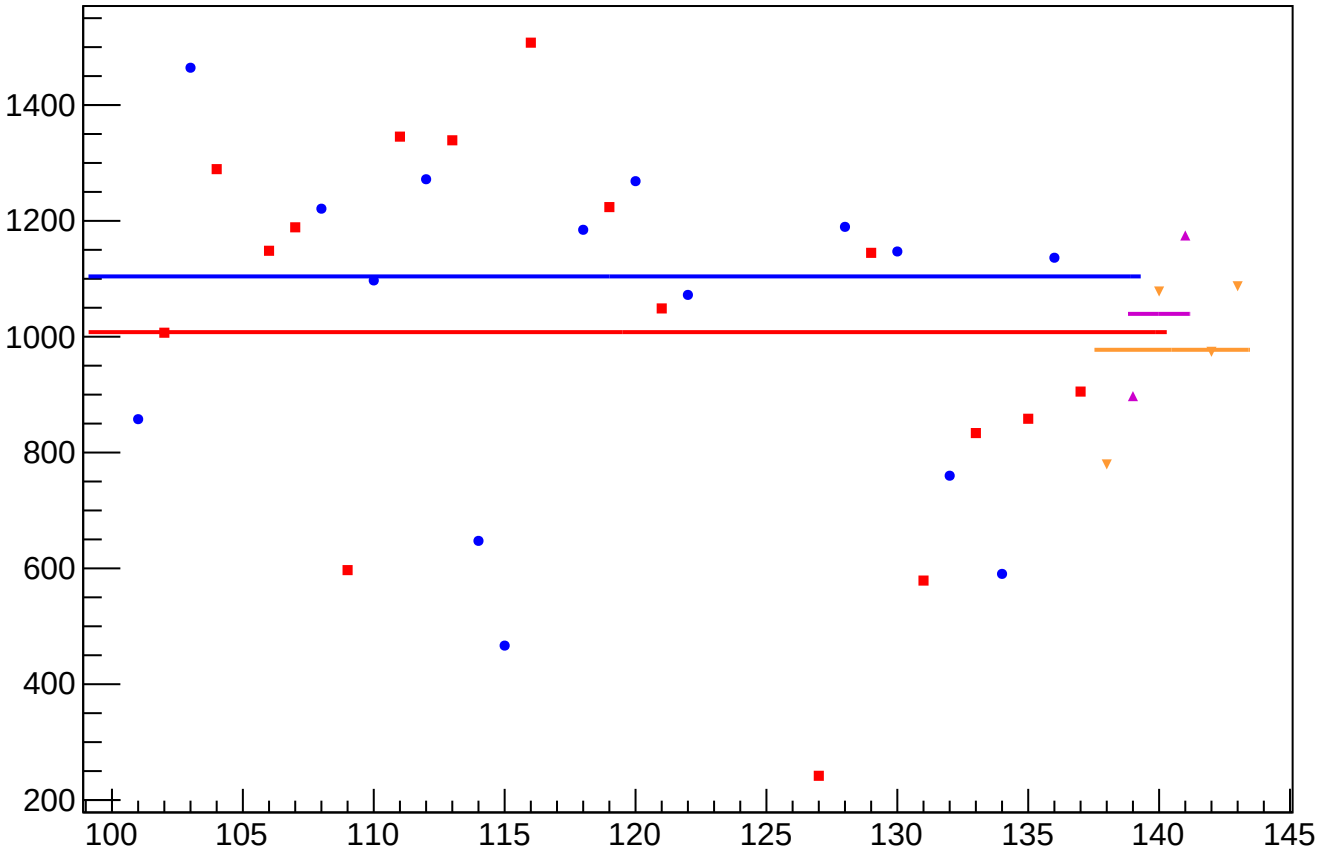
All: 515.436+/-0.000 χ^2/NDF: 239755846432

Right Out: 893.897+/-0.000 χ^2/NDF: 207592015577420104357269565679780390 5024.0/15

- sign 751.080+/-0.000 χ^2/NDF: 214422034126005

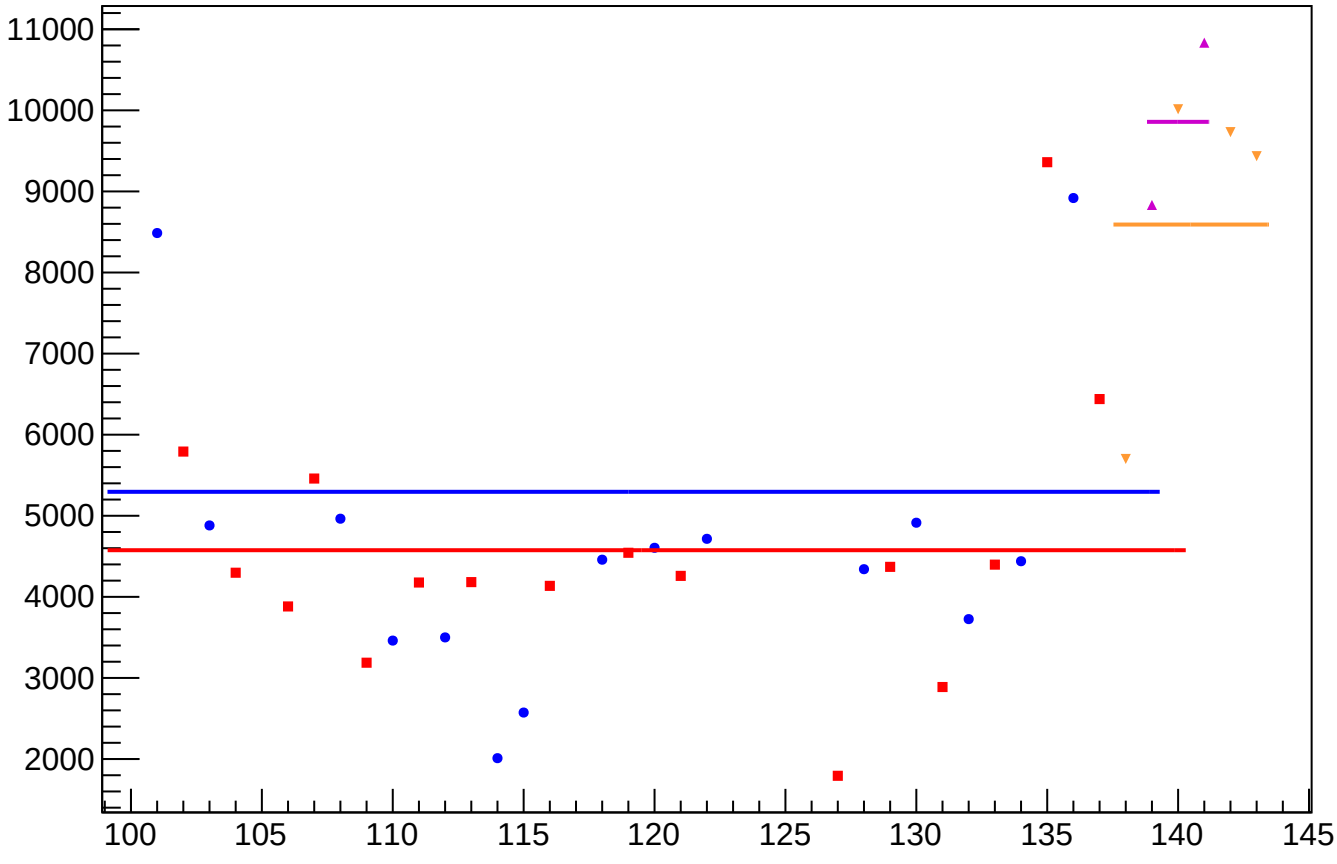
Left In: 177.230+/-0.000 χ^2/NDF:312739827985882670618857500636610 56.0/1

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265
Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

+ sign 6271.429+/-0.000 χ^2/NDF: 5518316924156 3

Left Out: 8591.529+/-0.000 χ^2/NDF:9249986696575106761087391314107705589 76.0/3

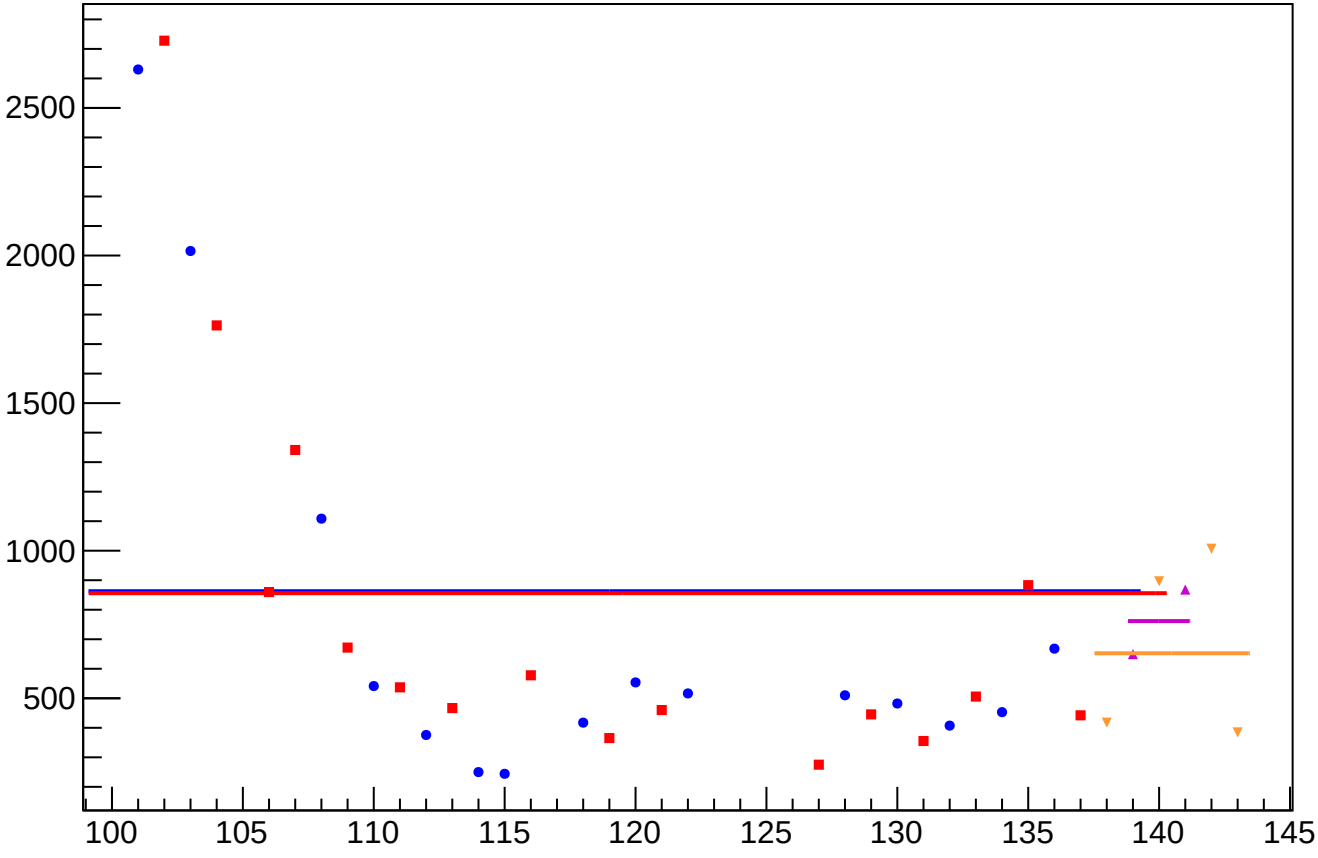
All: 5966.045+/-0.000 χ^2/NDF: 1143845397 4

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691 0592.0/15

- sign 5628.032+/-0.000 χ^2/NDF: 5738979547155 3

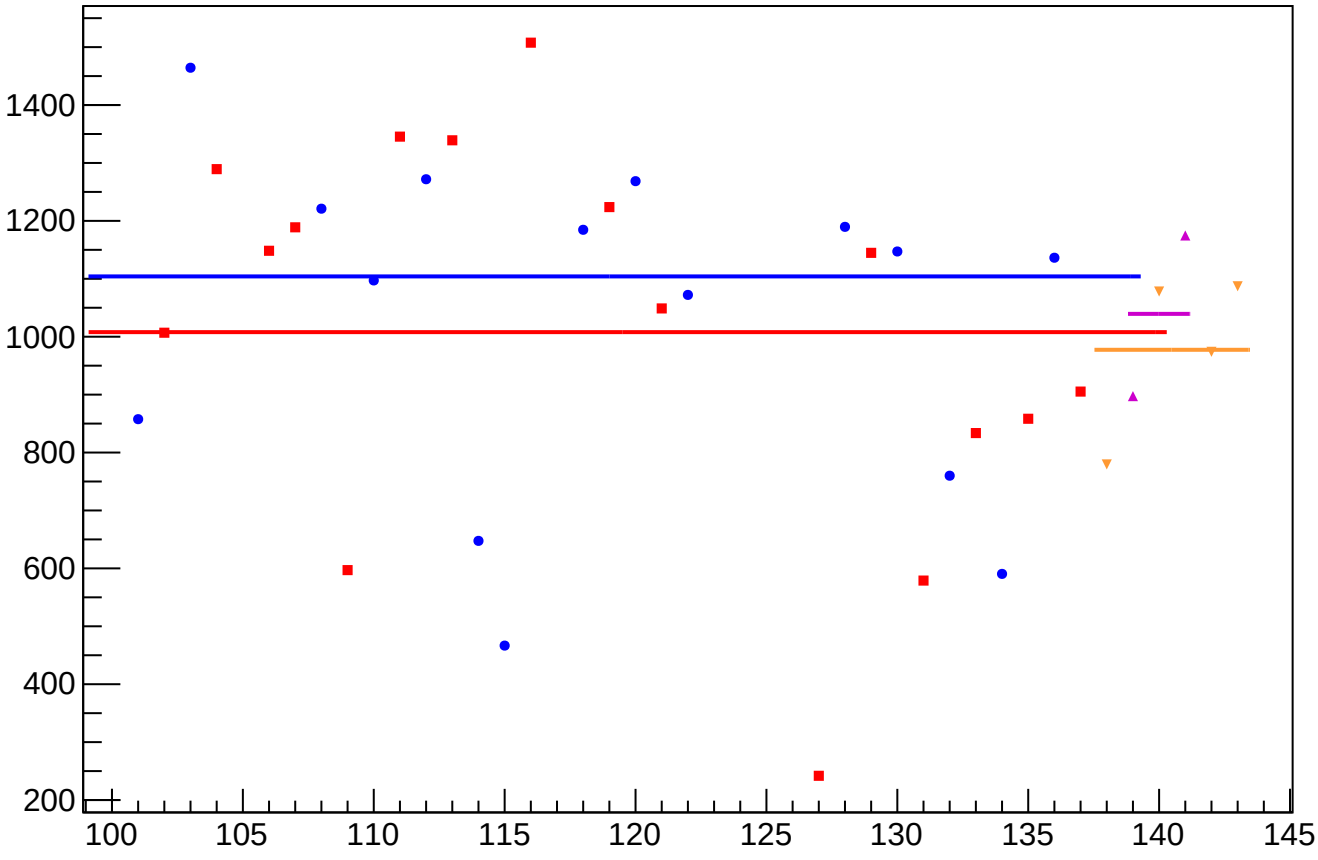
Left In: 9858.106+/-0.000 χ^2/NDF:16609134854530647406872784903791758540 8.0/1

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
+ sign 800.447+/-0.000 χ^2/NDF: 365939125026642
Left Out: 652.495+/-0.000 χ^2/NDF:1976543105266553720191429975085364019 2.0/3
All: 817.906+/-0.000 χ^2/NDF: 69689908140 9
Right Out: 856.059+/-0.000 χ^2/NDF: 327195216546444767148716224688288694272.0/15
- sign 837.231+/-0.000 χ^2/NDF: 330367827751334
Left In: 761.580+/-0.000 χ^2/NDF:198613178068500860184064501377453 2608.0/1

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703

Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3

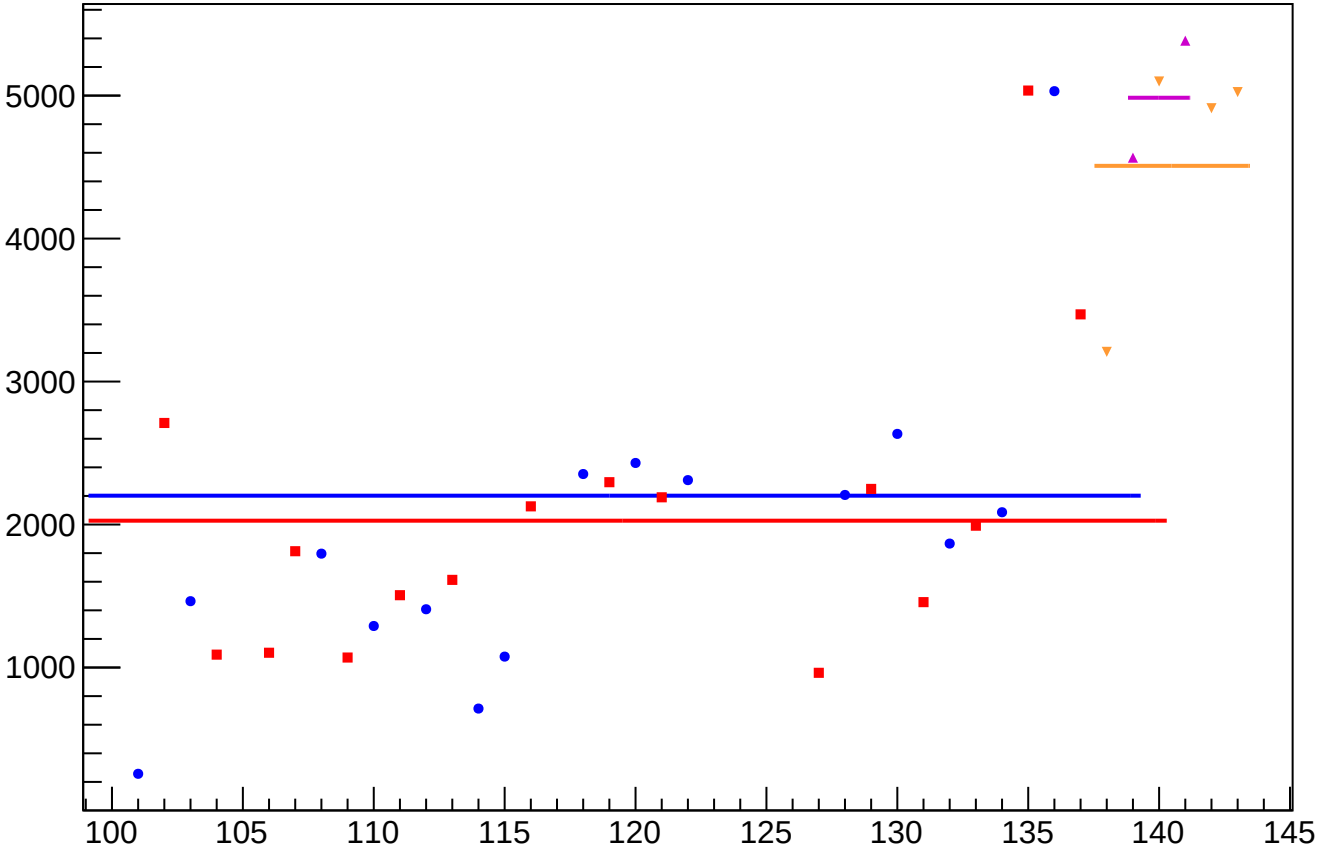
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265

Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

+ sign 2884.888+/-0.000 χ^2/NDF: 2295002065211

Left Out: 4508.681+/-0.000 χ^2/NDF:185846094151652680923061350454200893440.0/3

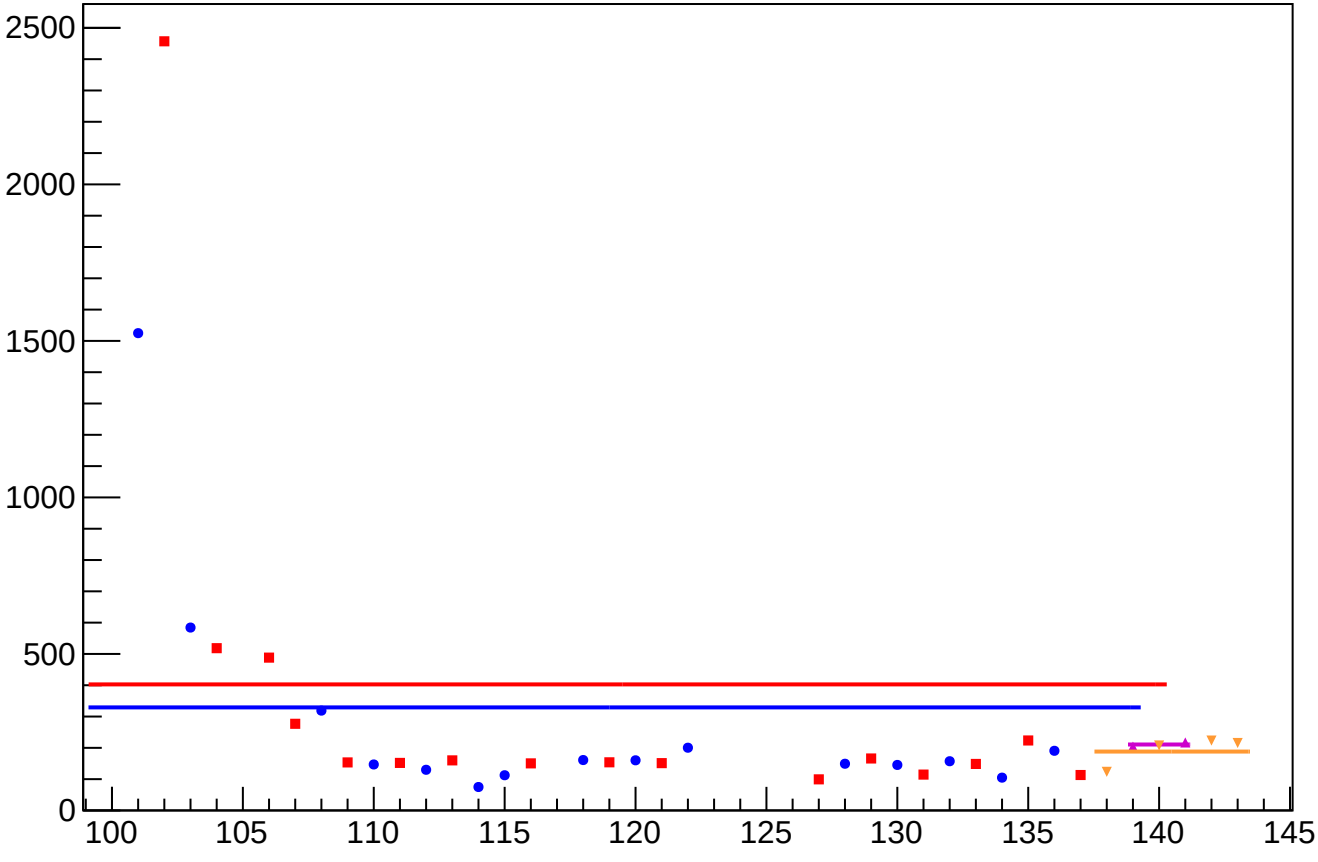
All: 2757.465+/-0.000 χ^2/NDF: 4225897896

Right Out: 2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

- sign 2616.427+/-0.000 χ^2/NDF: 18993559191375

Left In: 4984.912+/-0.000 χ^2/NDF:277598754276500159163870244014663 92576.0/1

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF: 1032850290919227420338379034371324641 28.0/14

Left Out: 188.130+/-0.000 χ^2/NDF:4652131526888362584934794183500103 68.0/3

Right Out: 402.690+/-0.000 χ^2/NDF: 2776360567932933742421160535150034944 00.0/15

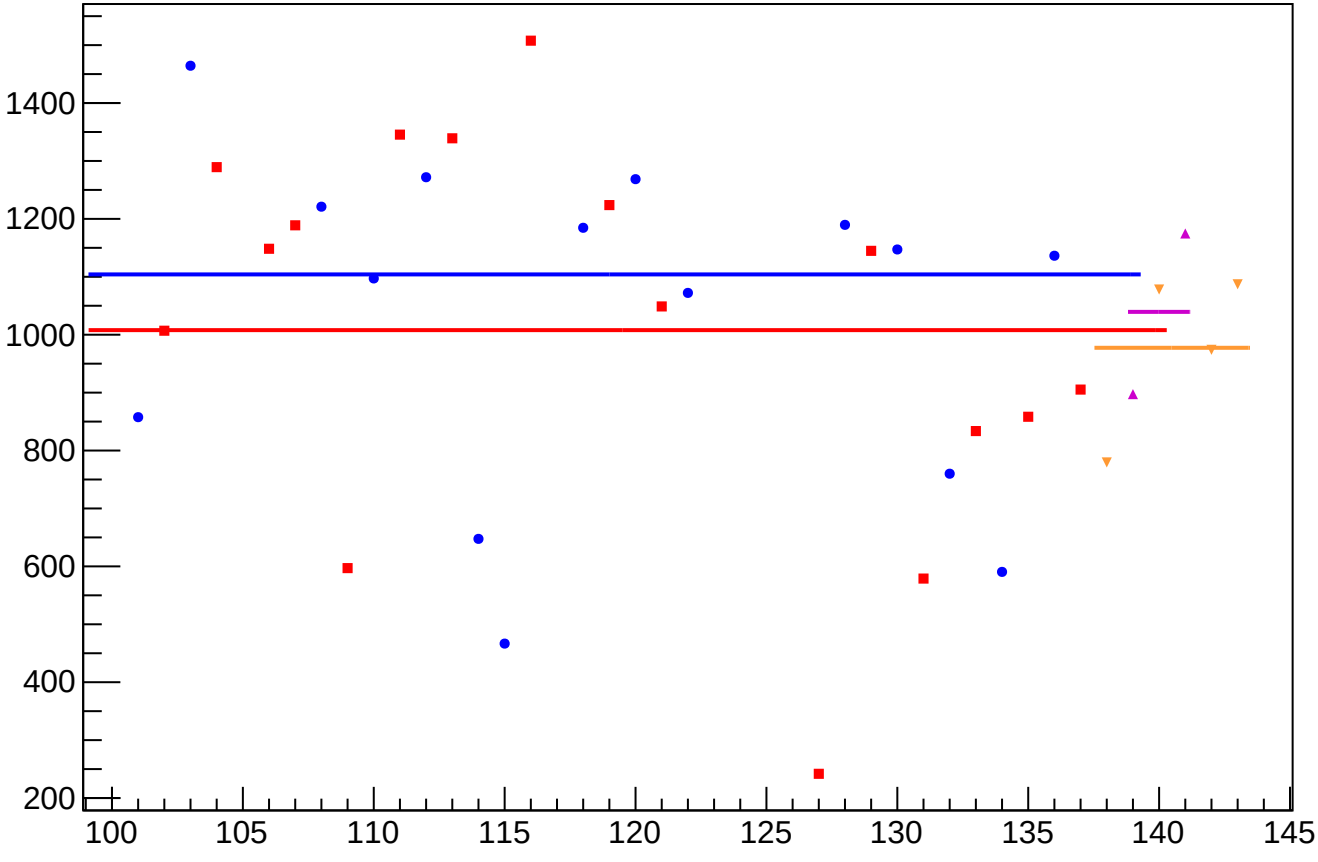
Left In: 210.686+/-0.000 χ^2/NDF:7417115842271947478657187727802368.0/1

+ sign 287.450+/-0.000 χ^2/NDF: 1075760538697 87

All: 323.987+/-0.000 χ^2/NDF: 3927128108 86

- sign 364.427+/-0.000 χ^2/NDF: 2825436482619 68

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703

Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3

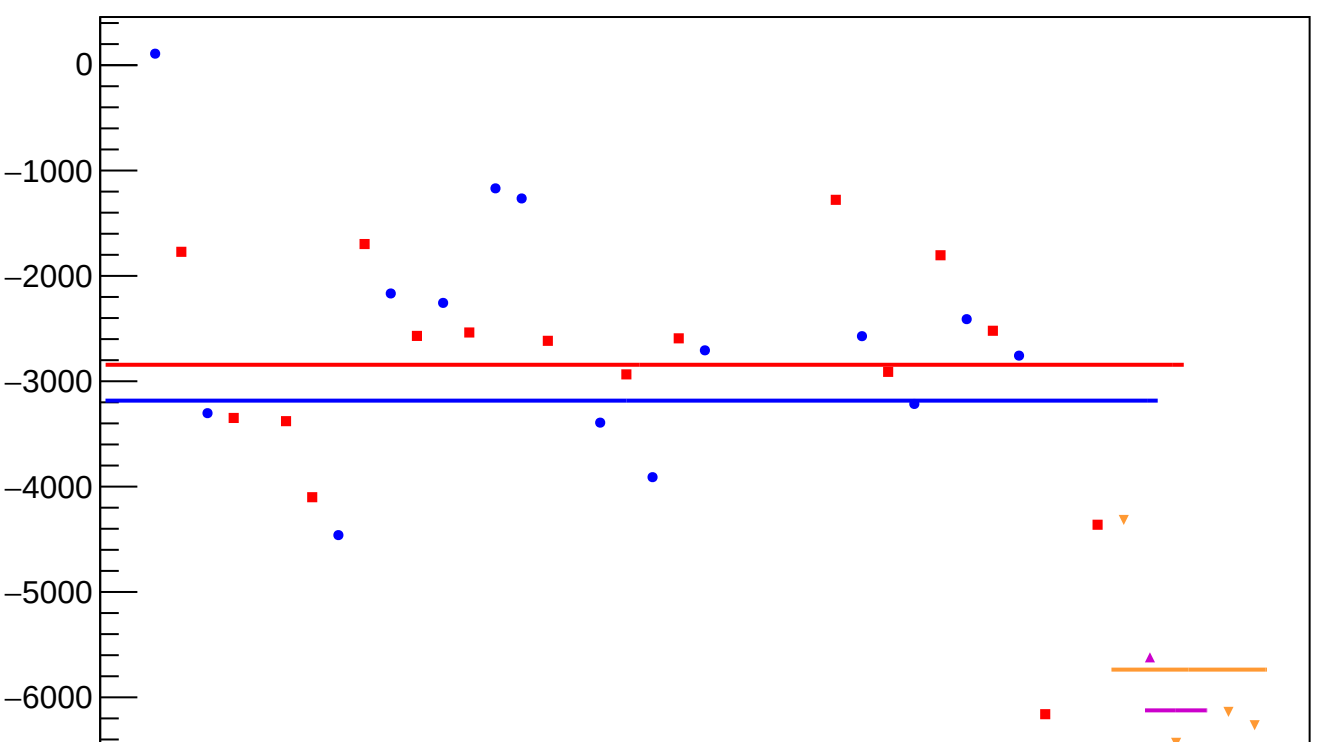
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265

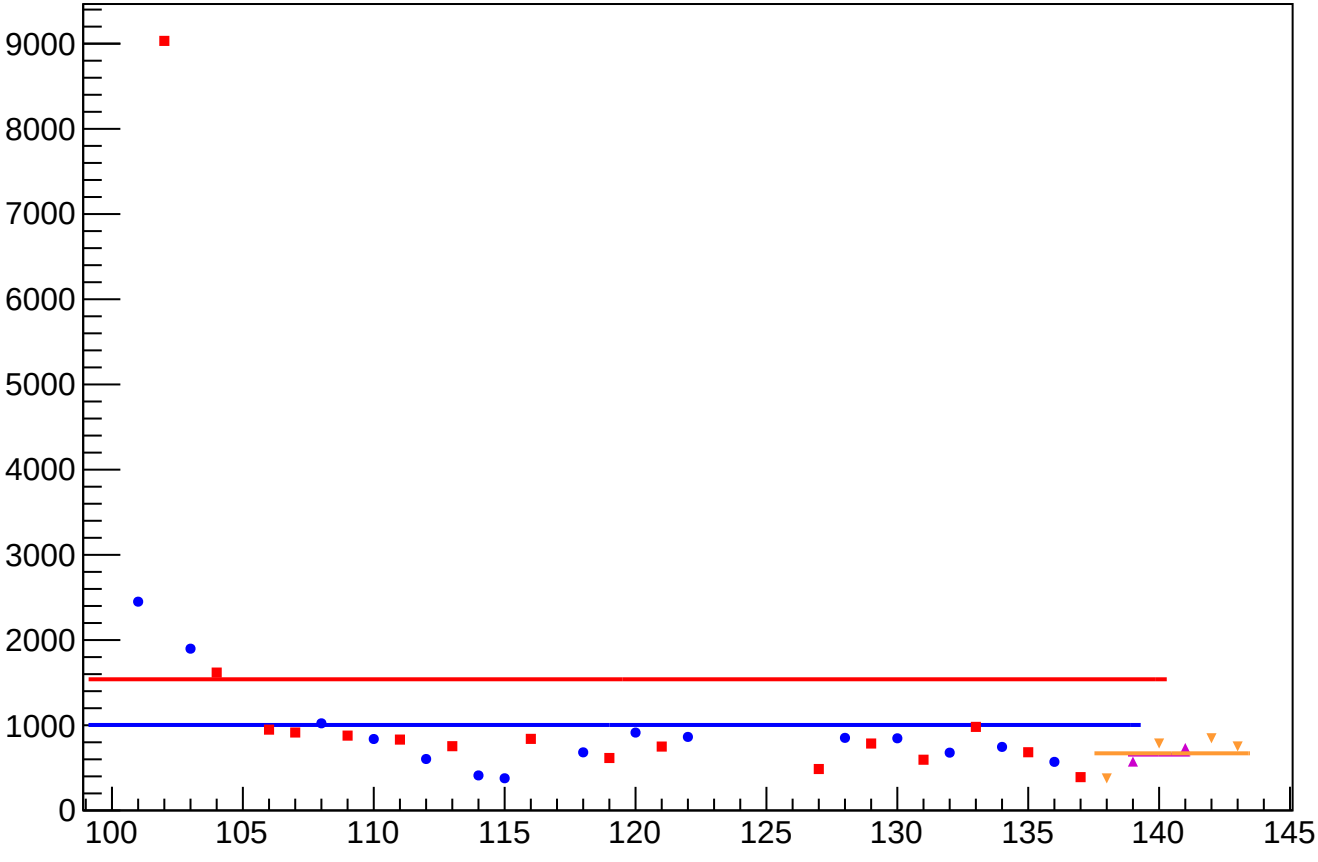
Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14
+ sign -3939.841+/-0.000 χ^2/NDF: 3610353258427
Left Out: -5736.865+/-0.000 χ^2/NDF:2229909550883846369577578098372011622 40.0/3
All: -3729.767+/-0.000 χ^2/NDF: 6113279996
Right Out: -2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15
- sign -3497.247+/-0.000 χ^2/NDF: 2417201456149 3
Left In: -6123.663+/-0.000 χ^2/NDF:4006383817530289334500003951289565184 0.0/1

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

+ sign 904.879+/-0.000 χ^2/NDF: 250818993516913

Left Out: 670.649+/-0.000 χ^2/NDF:972557164607417429391925894296109056 0.0/3

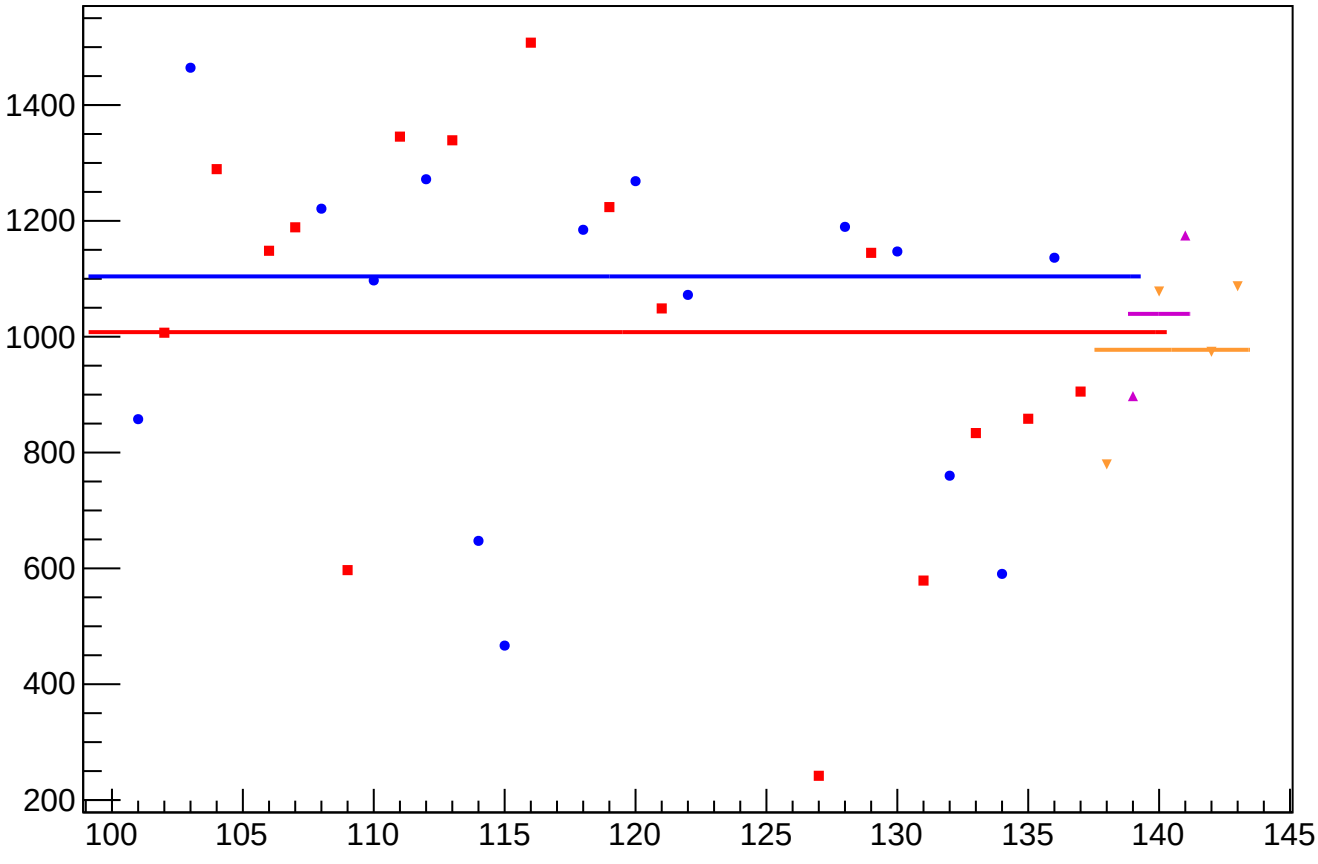
All: 1122.510+/-0.000 χ^2/NDF: 4062538197 3

Right Out: 1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

- sign 1363.394+/-0.000 χ^2/NDF: 37197150929931

Left In: 655.516+/-0.000 χ^2/NDF:105743946723272947839476495951488614 4.0/1

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703

Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3

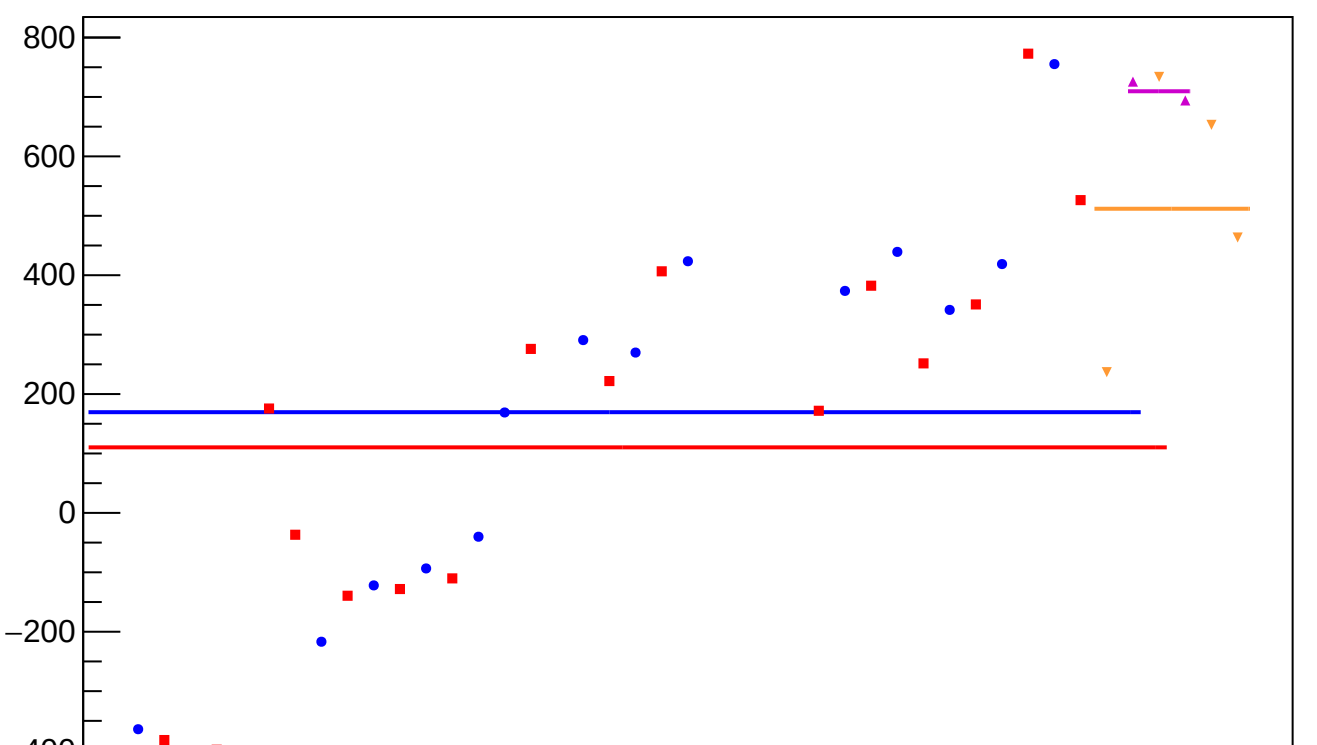
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265

Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Left Out: 511.851+/-0.000 χ^2/NDF:1101222985298824062682745582028587 0080.0/3

Right Out: 110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798 81216.0/15

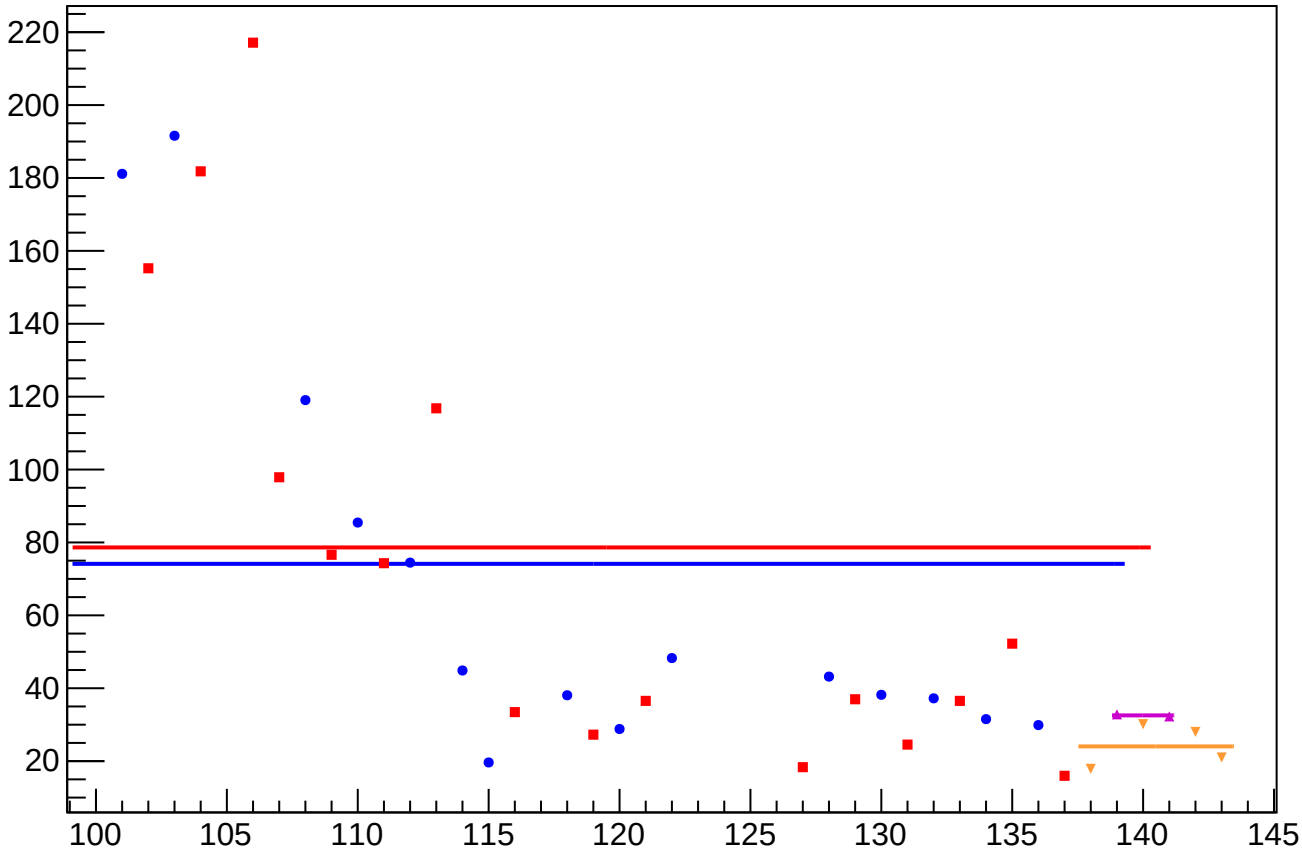
Left In: 709.577+/-0.000 χ^2/NDF:416409149809268701046585227529420 80.0/1

+ sign 270.861+/-0.000 χ^2/NDF: 1289722380026 45

All: 251.331+/-0.000 χ^2/NDF: 2492631300 22

- sign 229.715+/-0.000 χ^2/NDF: 1195499897057 48

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

+ sign 59.298+/-0.000 χ^2/NDF: 2657835934205257

Left Out: 24.041+/-0.000 χ^2/NDF:7353920175068448071387376731029504.0/3

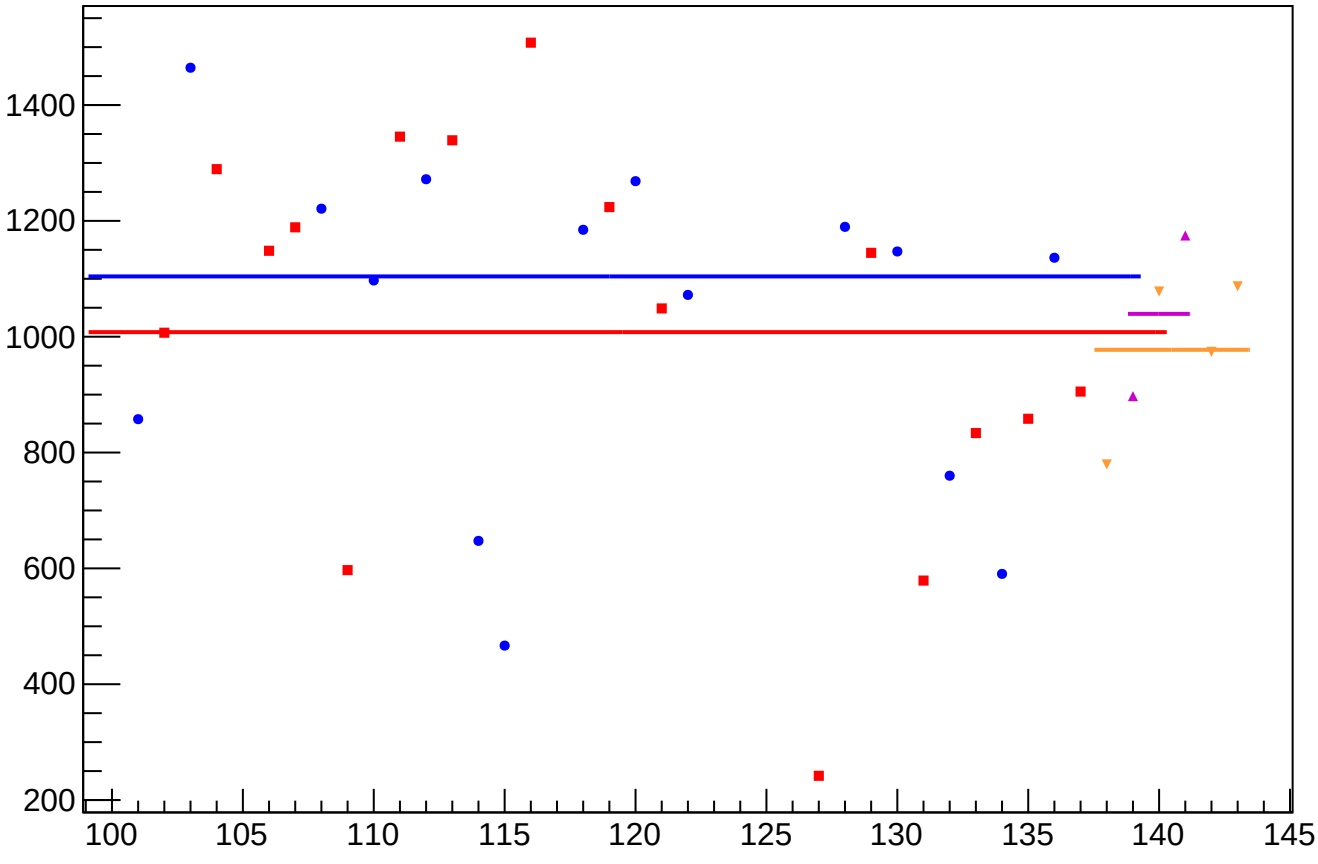
All: 64.117+/-0.000 χ^2/NDF: 5328419069331

Right Out: 78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

- sign 69.450+/-0.000 χ^2/NDF: 2625478447668168

Left In: 32.553+/-0.000 χ^2/NDF:1349917142796077042220528566272 0.0/1

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703

Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3

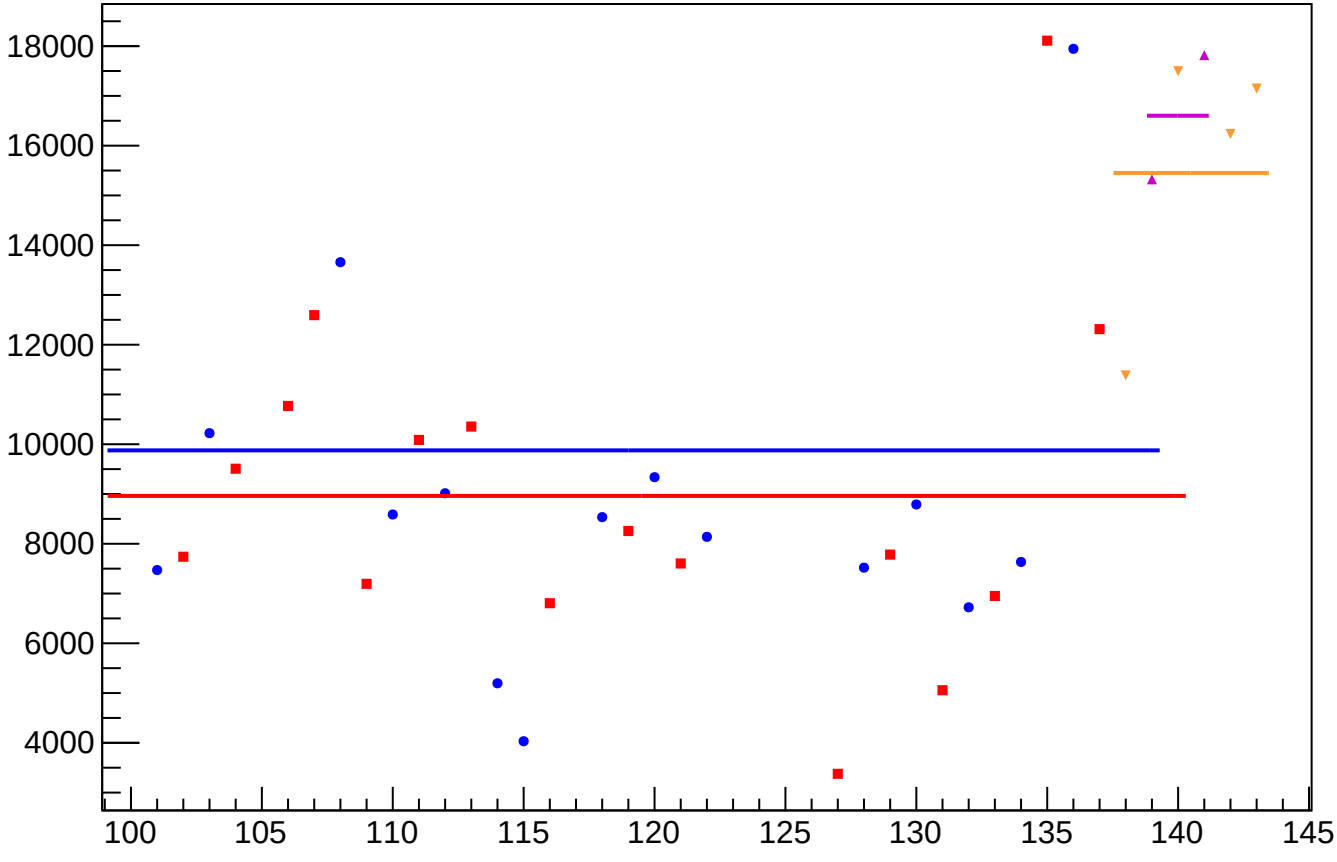
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265

Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

+ sign 11527.213+/-0.000 χ^2/NDF: 1630997347792

Left Out: 15451.363+/-0.000 χ^2/NDF:1854333656391266662775867983465373761536.0/3

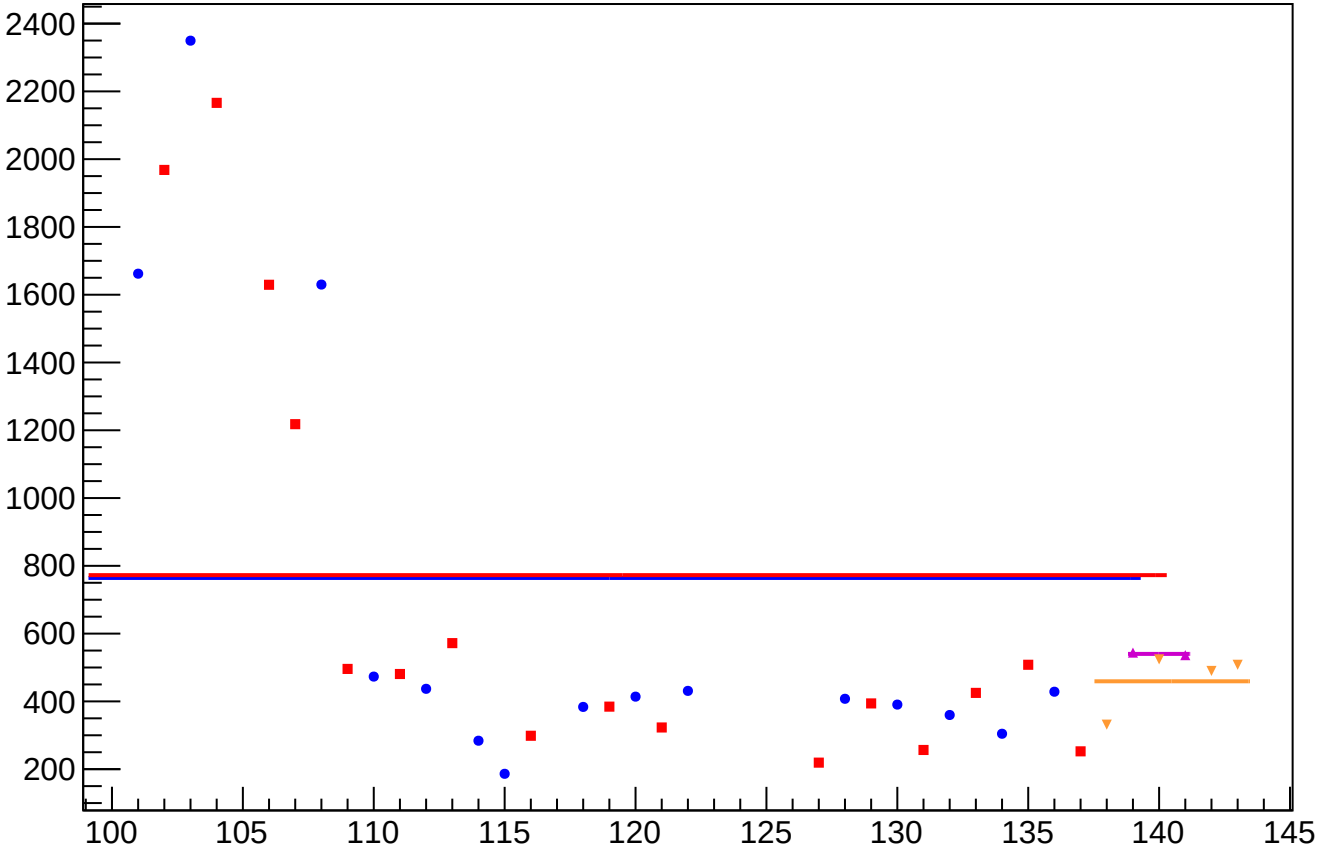
All: 11032.117+/-0.000 χ^2/NDF: 3238692648

Right Out: 8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

- sign 10484.124+/-0.000 χ^2/NDF: 1560080546299

Left In: 16601.766+/-0.000 χ^2/NDF:2582630441008873062364210855391579340 80.0/1

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF: 290964758058269480005067205020030599168.0/14

+ sign 673.979+/-0.000 χ^2/NDF: 310661809157430

Left Out: 459.297+/-0.000 χ^2/NDF:182230884801619587066933444218349158 4.0/3

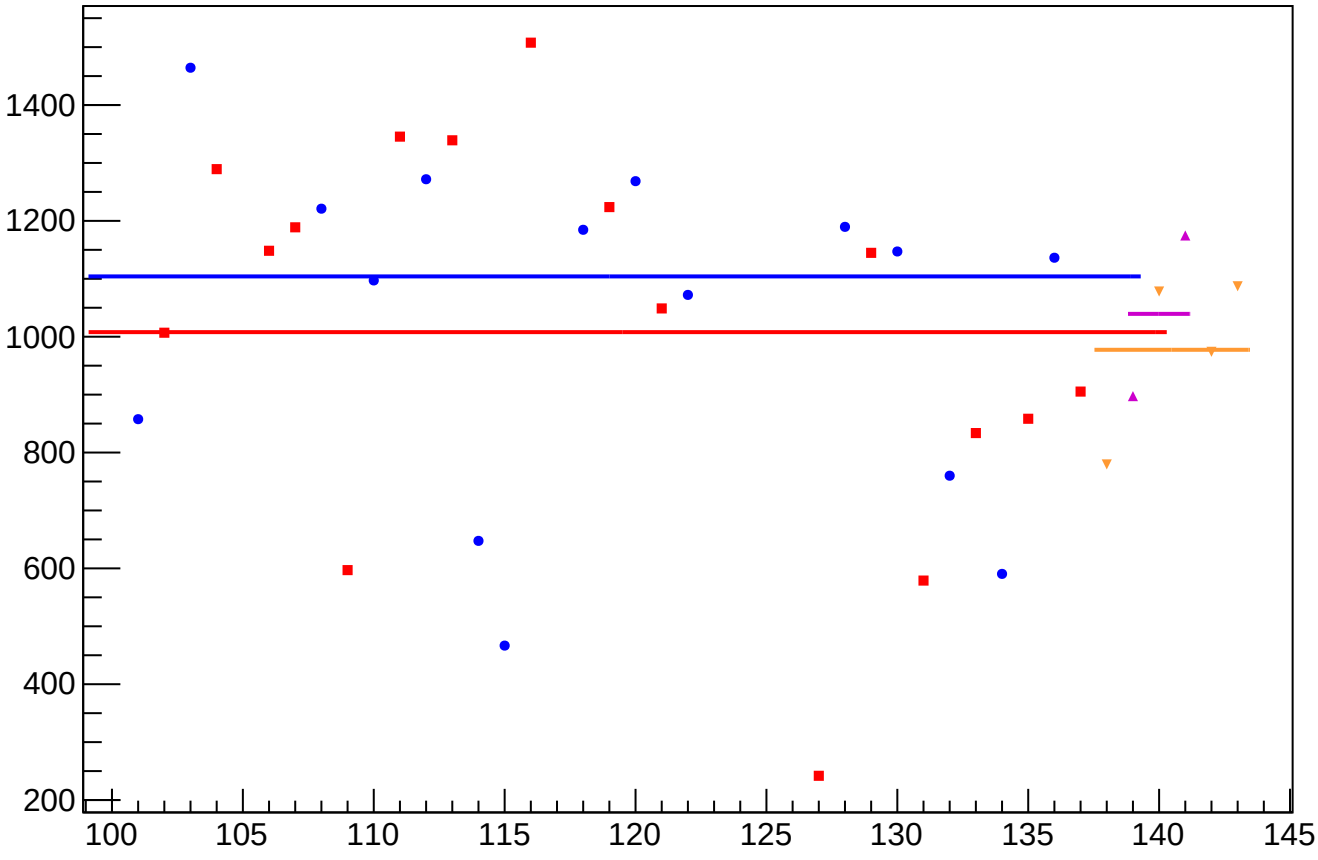
All: 698.778+/-0.000 χ^2/NDF: 604942216473

Right Out: 772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15

- sign 726.227+/-0.000 χ^2/NDF: 293085734173578

Left In: 540.110+/-0.000 χ^2/NDF:233863470097777113026443798904832 0.0/1

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703

Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3

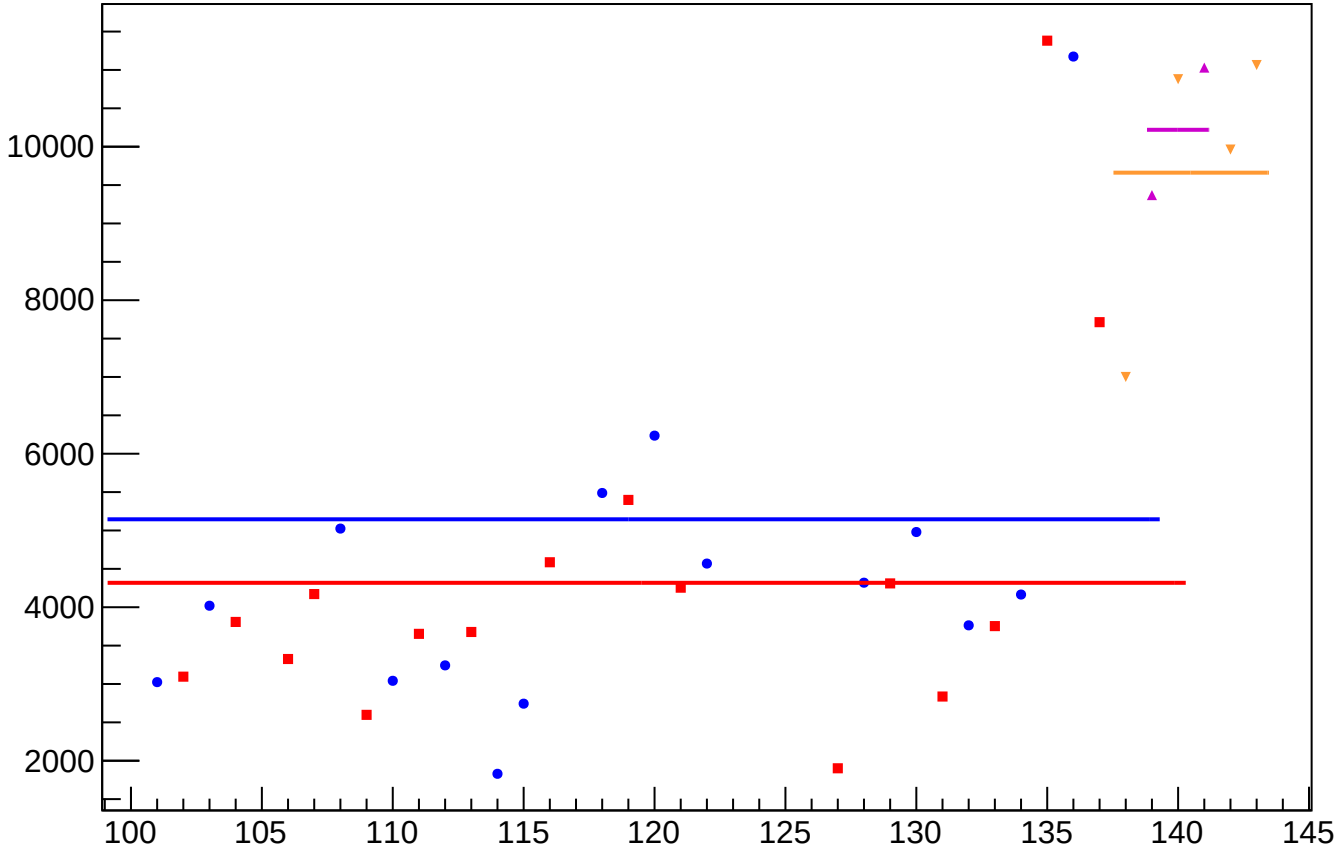
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265

Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

+ sign 6482.858+/-0.000 χ^2/NDF: 90022256237991

Left Out: 9661.770+/-0.000 χ^2/NDF:8100806831051914673794282752539550023 68.0/3

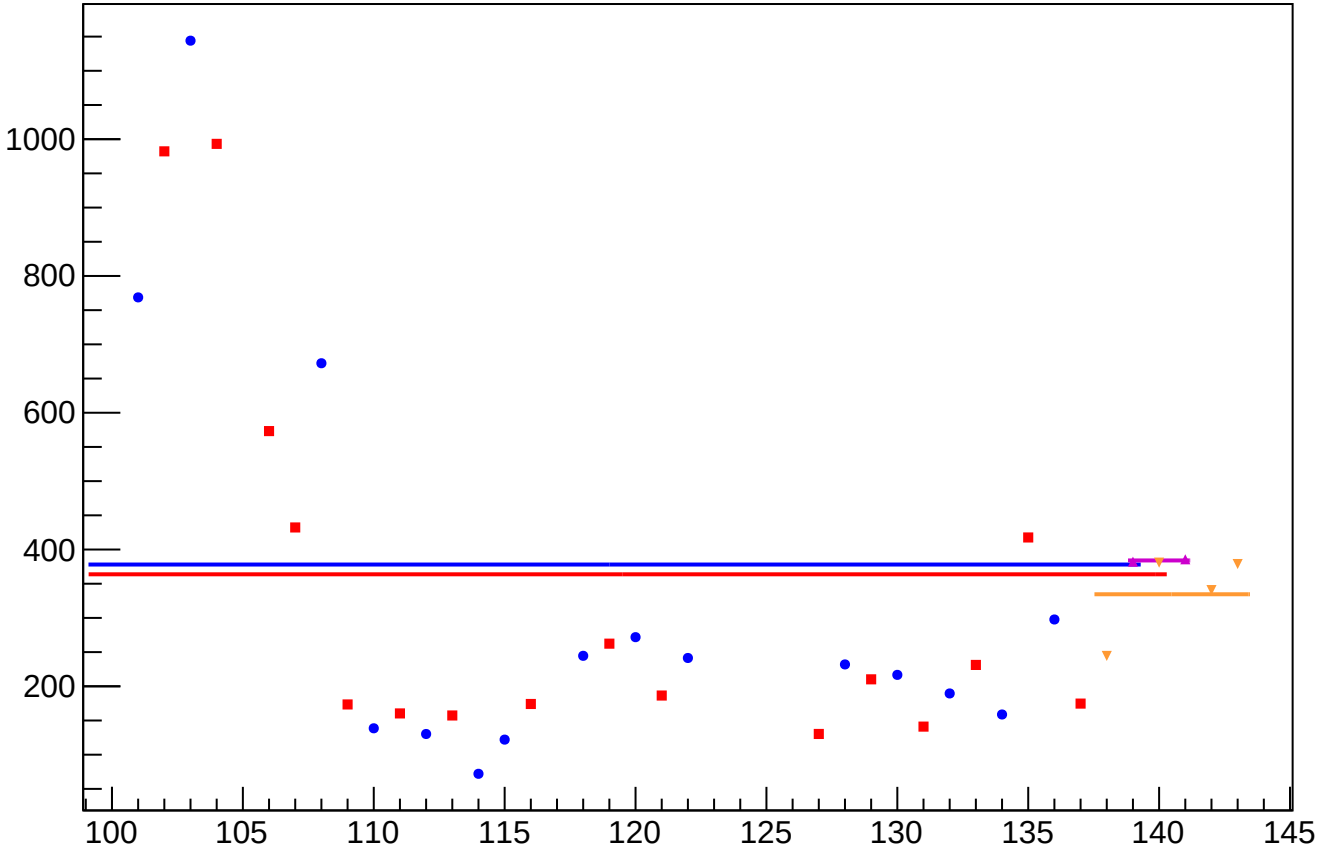
All: 6013.637+/-0.000 χ^2/NDF: 1751966291 7

Right Out: 4318.126+/-0.000 χ^2/NDF: 3345176554564755427312533888908526616576.0/15

- sign 5494.284+/-0.000 χ^2/NDF: 80897591753906

Left In: 10220.171+/-0.000 χ^2/NDF:1144453549783945433992660702187812290 56.0/1

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Left Out: 334.583+/-0.000 χ^2/NDF:942121031098478837976368851128942592.0/3

Right Out: 363.772+/-0.000 χ^2/NDF: 590313374847098018041814393427066880 00.0/15

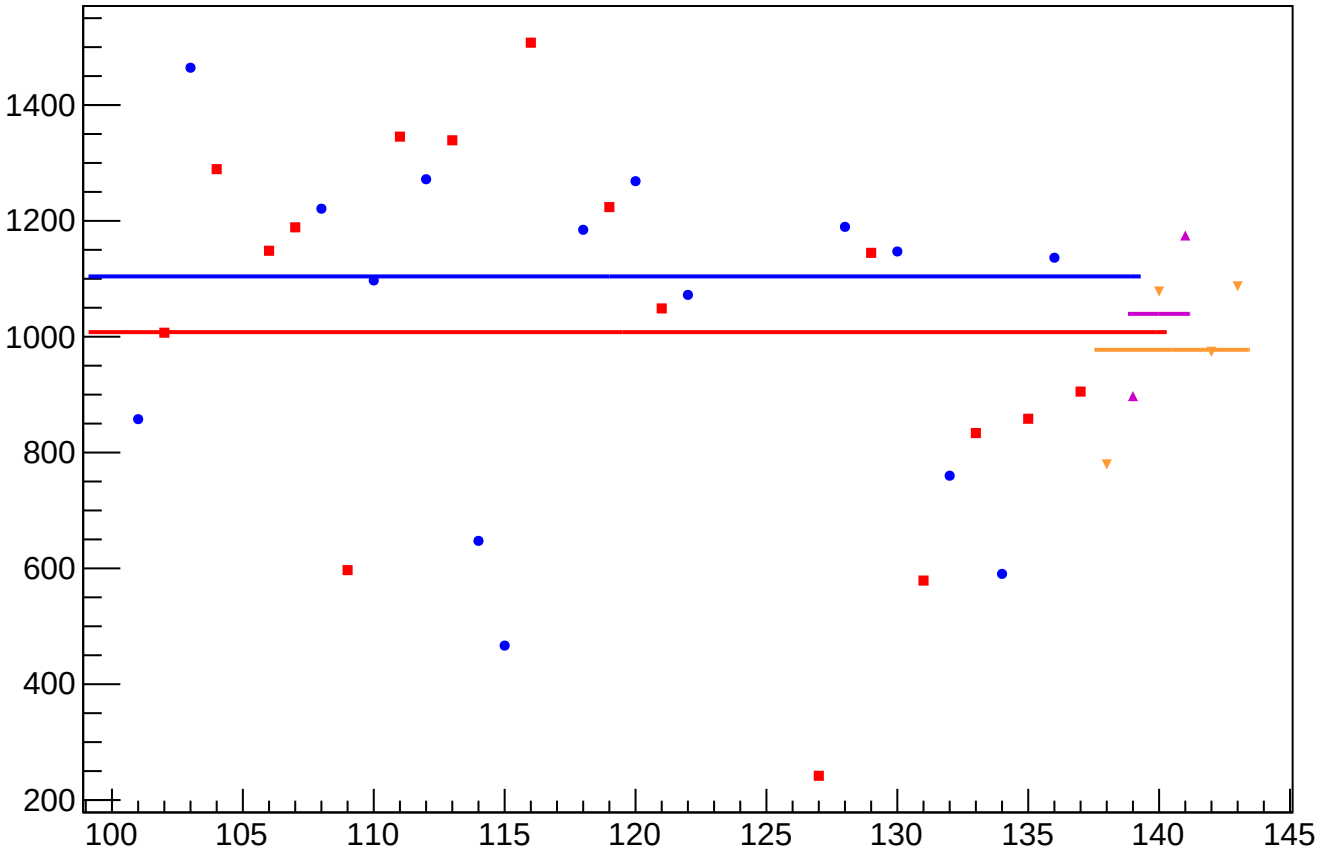
Left In: 384.026+/-0.000 χ^2/NDF:506966975648542809714352902373376.0/1

+ sign 365.181+/-0.000 χ^2/NDF: 628218179300820

All: 366.428+/-0.000 χ^2/NDF: 12191120549 4

- sign 367.808+/-0.000 χ^2/NDF: 590863664988824

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703

Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3

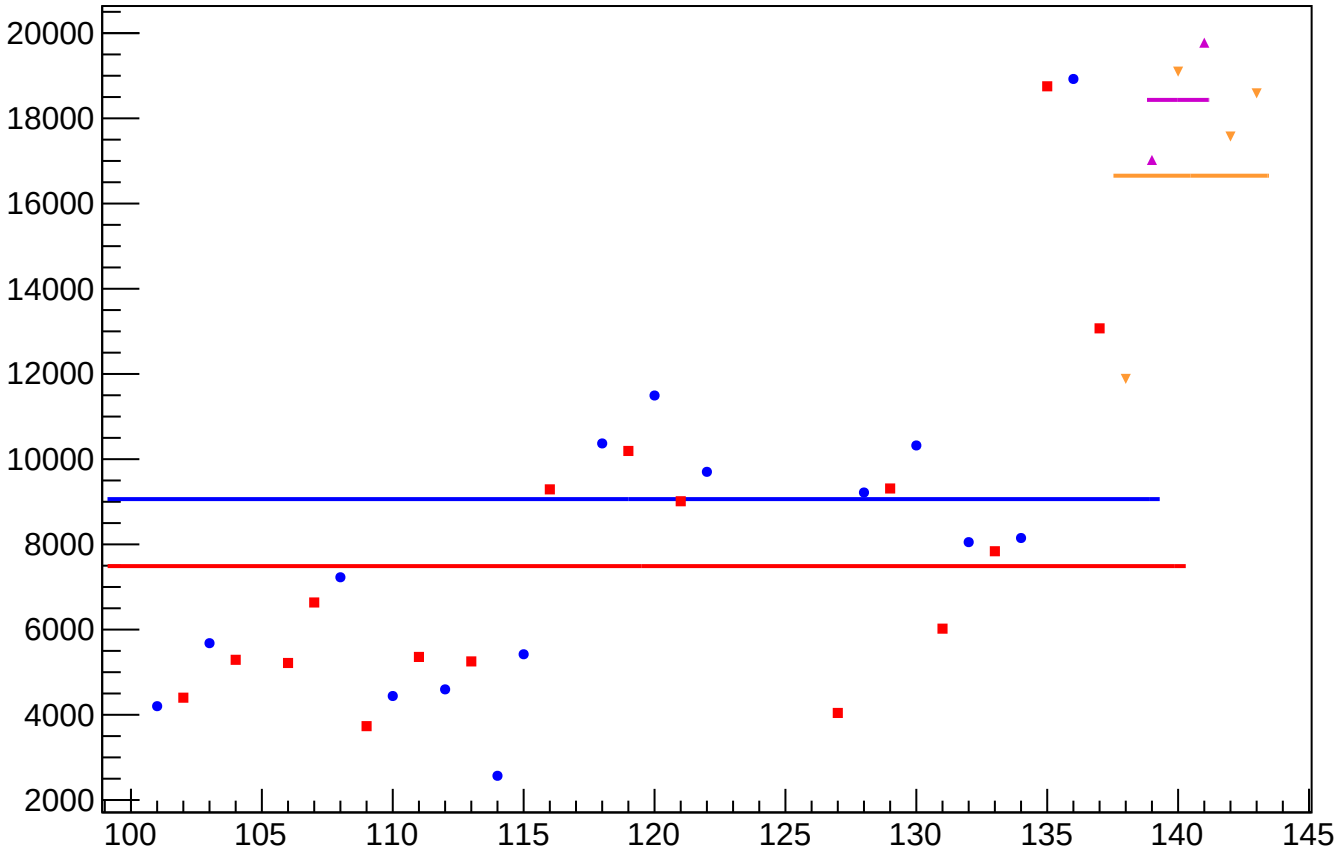
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265

Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

+ sign 11310.384+/-0.000 χ^2/NDF: 2724715063897

Left Out: 16653.755+/-0.000 χ^2/NDF:2552721131376114831037596192501860925440.0/3

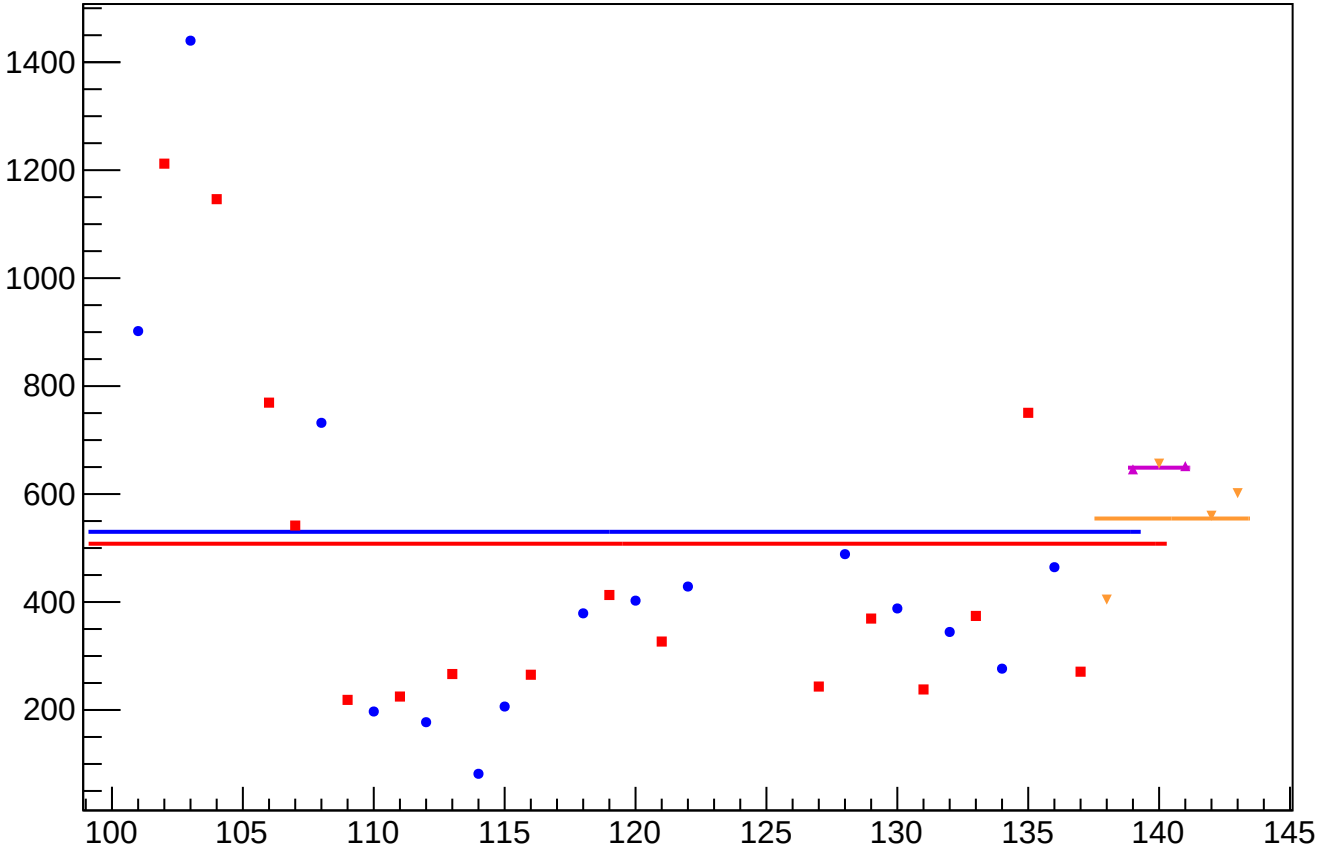
All: 10532.191+/-0.000 χ^2/NDF: 5476283425

Right Out: 7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

- sign 9670.855+/-0.000 χ^2/NDF: 26339332872534

Left In: 18433.097+/-0.000 χ^2/NDF:3142573563084877449708422374231449272 32.0/1

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

+ sign 537.349+/-0.000 χ^2/NDF: 816277732054916

Left Out: 554.685+/-0.000 χ^2/NDF:275654753777149594924406057908305920 0.0/3

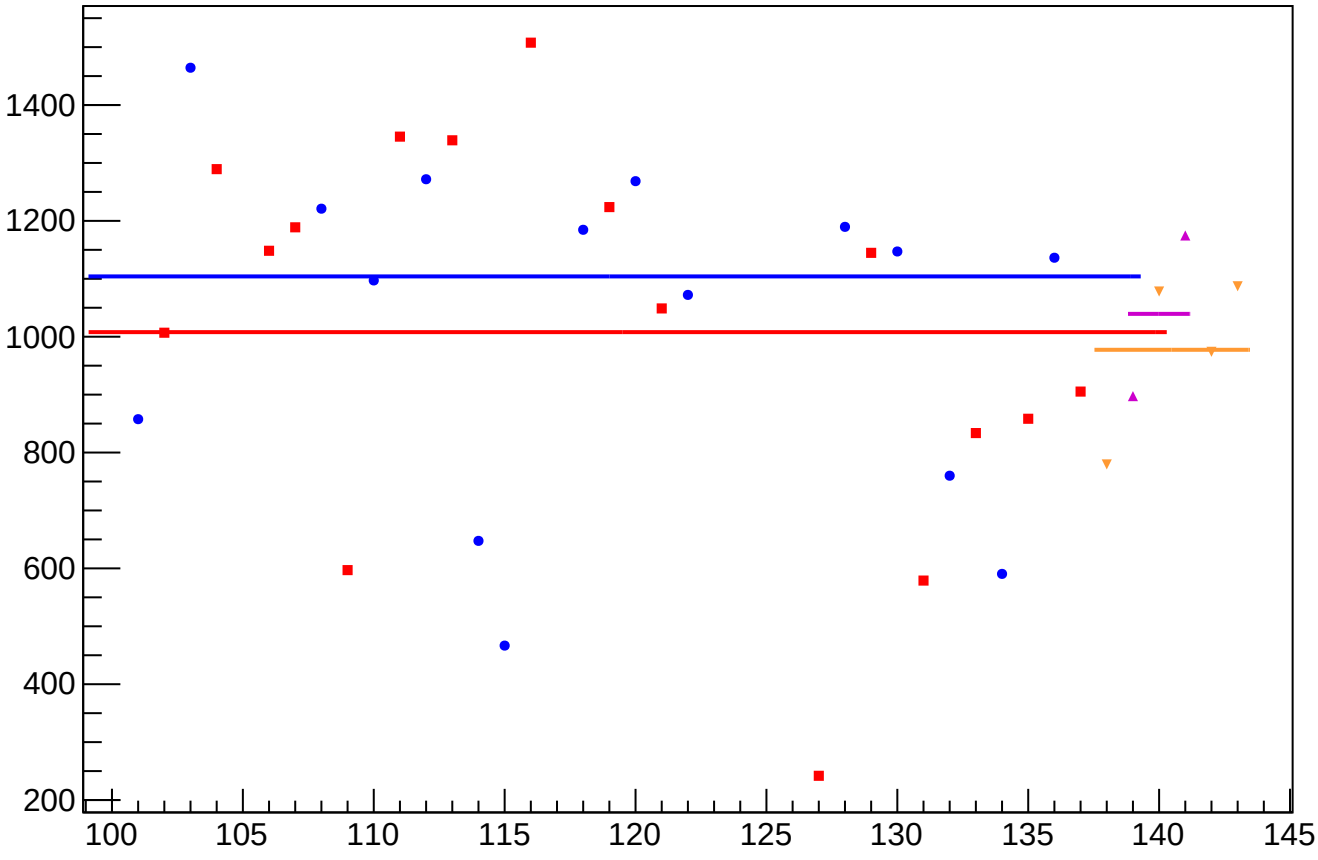
All: 536.738+/-0.000 χ^2/NDF: 16095763198 3

Right Out: 507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

- sign 536.061+/-0.000 χ^2/NDF: 793291319028327

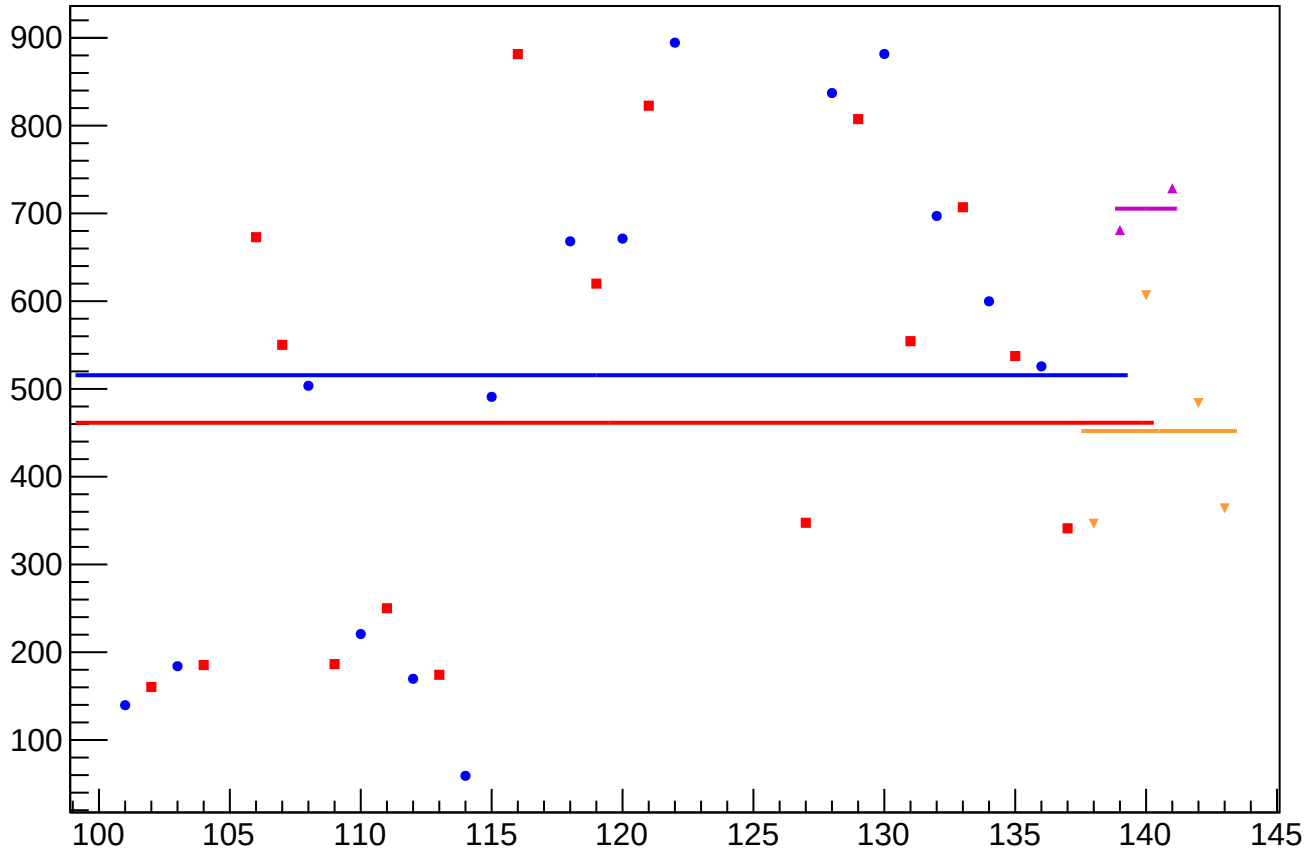
Left In: 648.863+/-0.000 χ^2/NDF:146430625336645586312821467827404 8.0/1

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265
Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14

Left Out: 452.049+/-0.000 χ^2/NDF:33979752937870393495380447465486417 92.0/3

Right Out: 461.497+/-0.000 χ^2/NDF: 404737466600913559280633068843685642 24.0/15

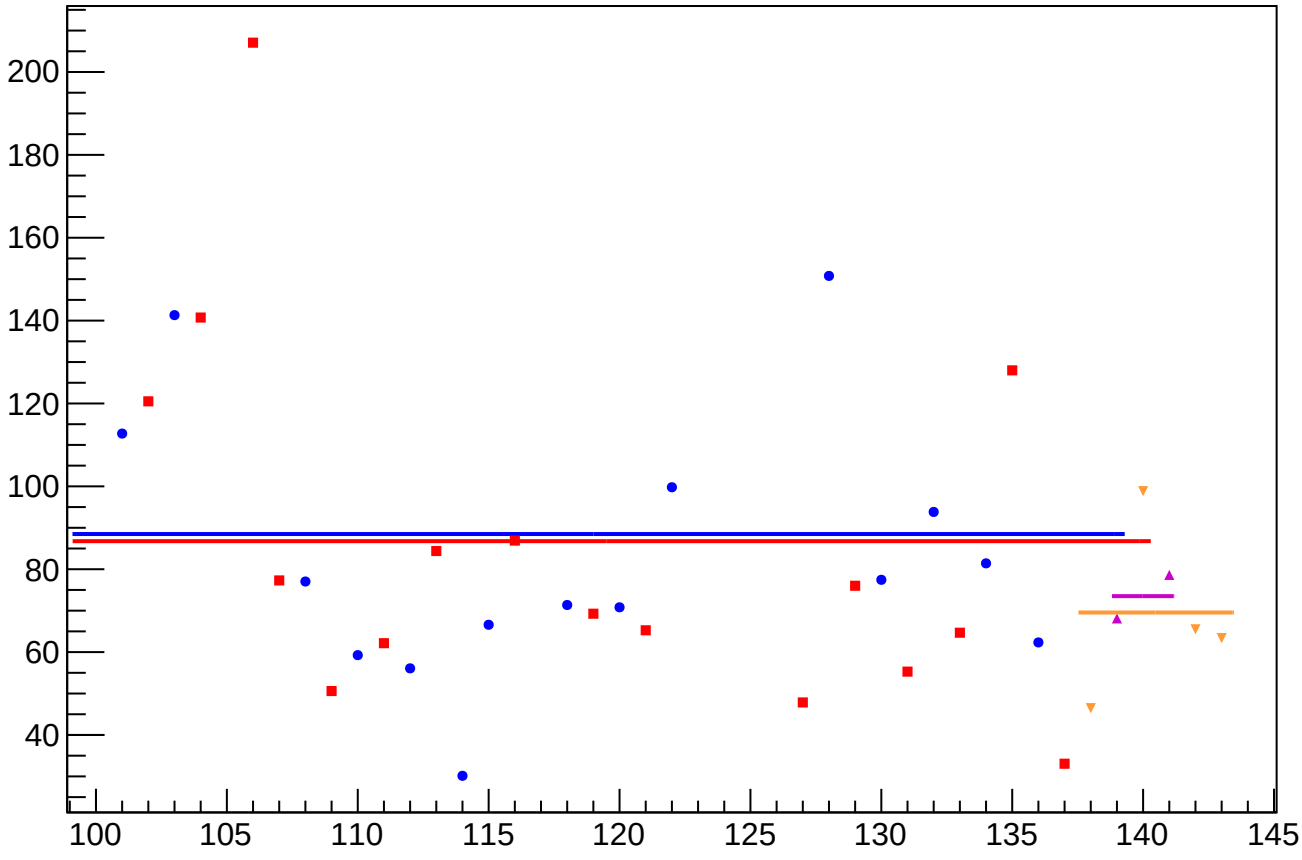
Left In: 705.419+/-0.000 χ^2/NDF:938203596411739520053610194004869 12.0/1

+ sign 496.808+/-0.000 χ^2/NDF: 526403447483888

All: 503.120+/-0.000 χ^2/NDF: 101193733505

- sign 510.106+/-0.000 χ^2/NDF: 484760011710254

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

+ sign 82.885+/-0.000 χ^2/NDF: 8273402301787929

Left Out: 69.555+/-0.000 χ^2/NDF:1151867734085278984030184619733315584.0/3

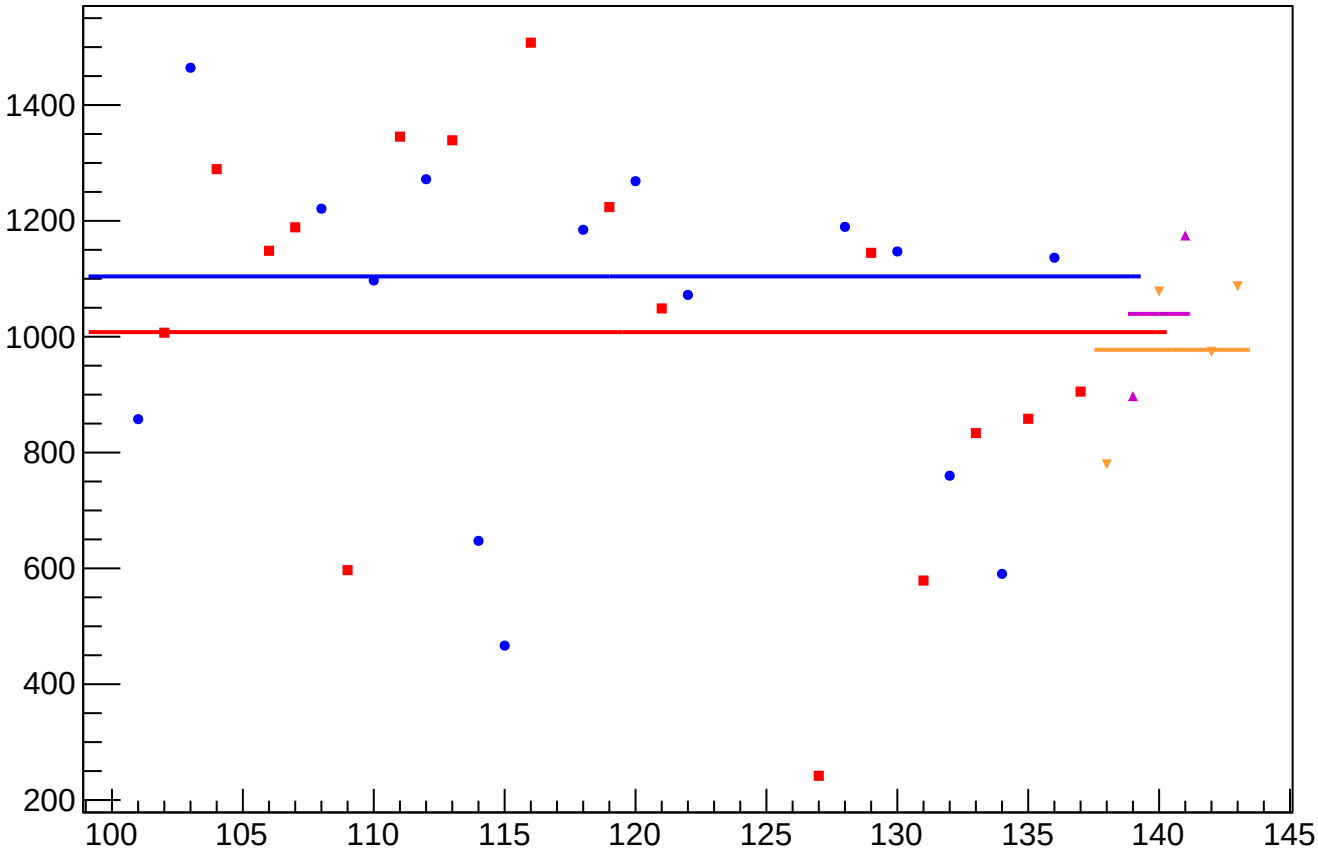
All: 83.476+/-0.000 χ^2/NDF: 1915198350837

Right Out: 86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

- sign 84.129+/-0.000 χ^2/NDF: 1087181000733004

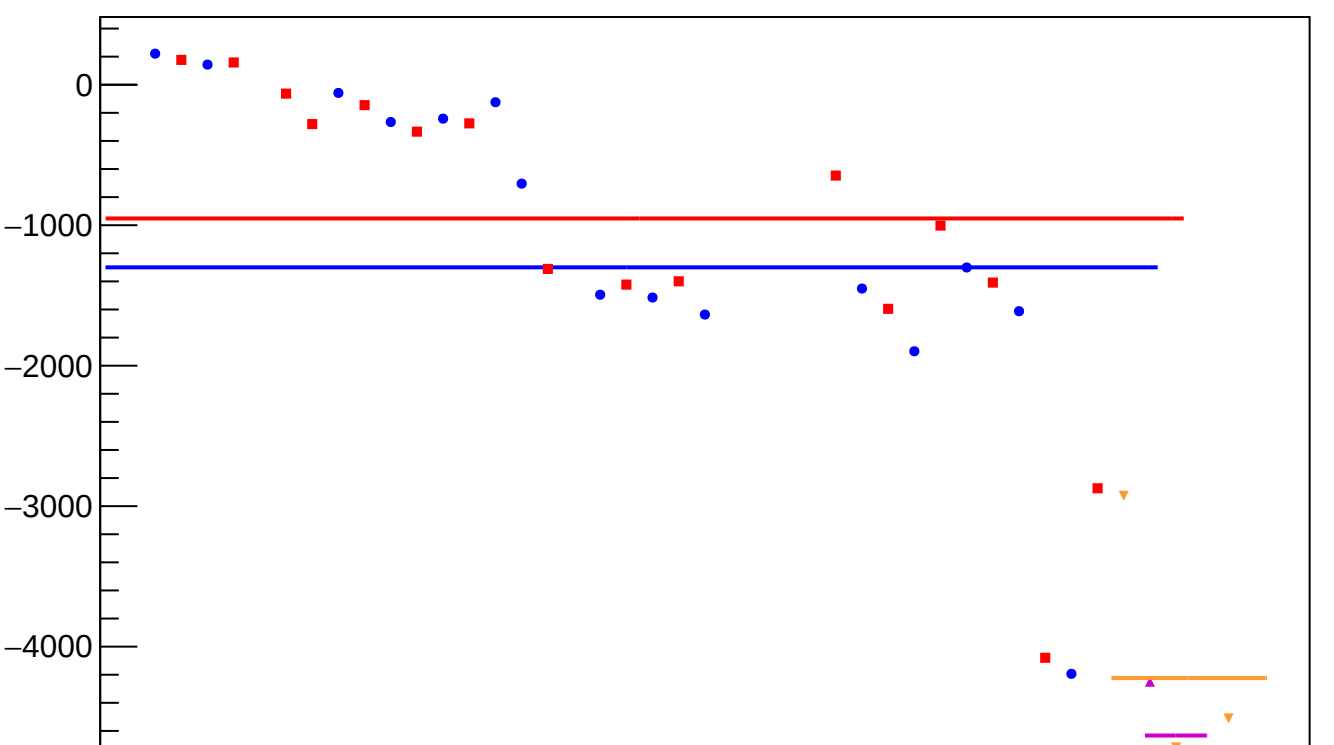
Left In: 73.505+/-0.000 χ^2/NDF:4574198545160944691682393639092224.0/1

dit_sam5_coil3_Ndata_mean vs Slug



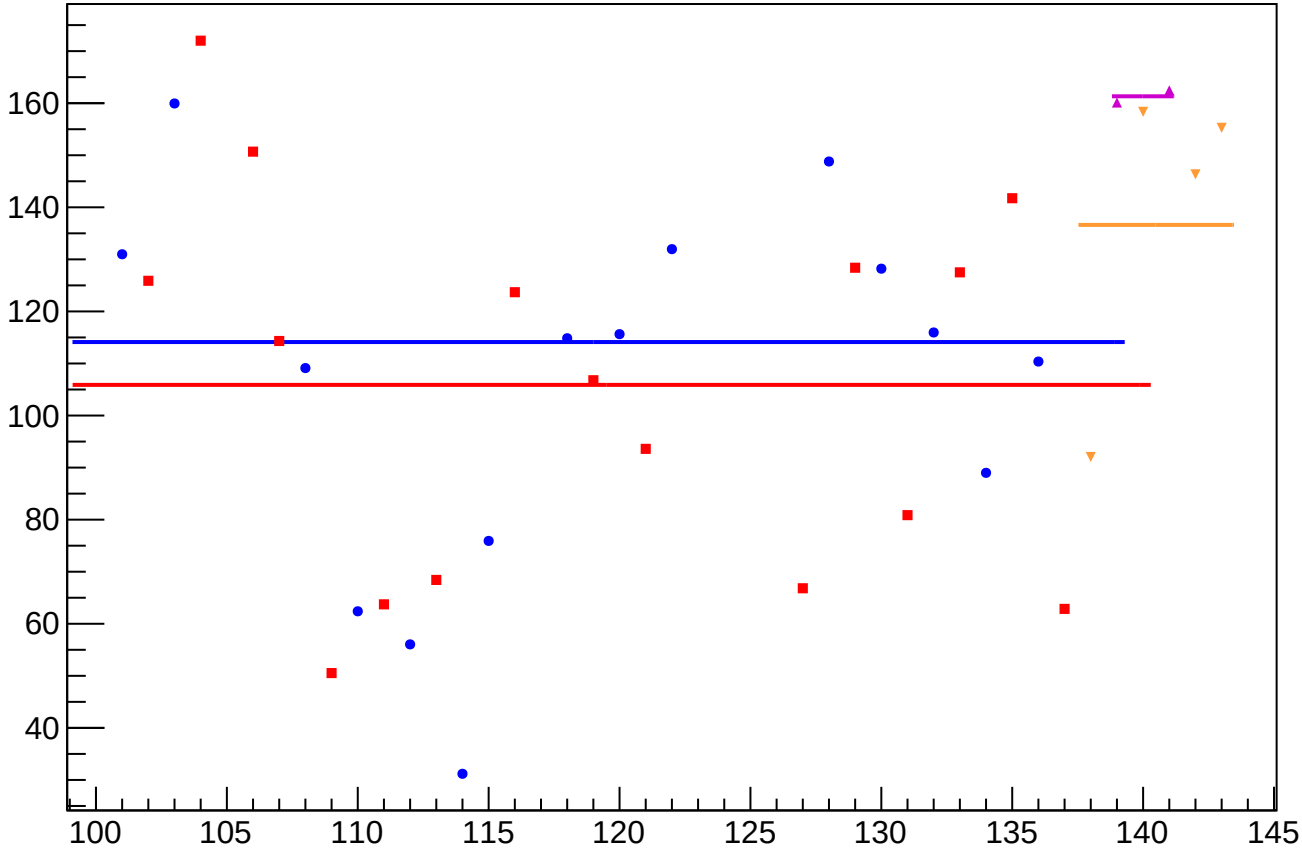
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265
Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000 χ^2/NDF: 11996492521632163670864086915775243223 04.0/14
+ sign -2165.650+/-0.000 χ^2/NDF: 3031301741309
Left Out: -4223.778+/-0.000 χ^2/NDF:188817617015380895178940398849692270592.0/3
All: -1937.711+/-0.000 χ^2/NDF: 5797629789
Right Out: -951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
- sign -1685.419+/-0.000 χ^2/NDF: 2665403185926 2
Left Out: -4632.740+/-0.000 χ^2/NDF:232198750754776129094090038030138081 28.0/1

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

+ sign 120.781+/-0.000 χ^2/NDF: 925898251891089

Left Out: 136.622+/-0.000 χ^2/NDF:221354183544623190814808564457013248.0/3

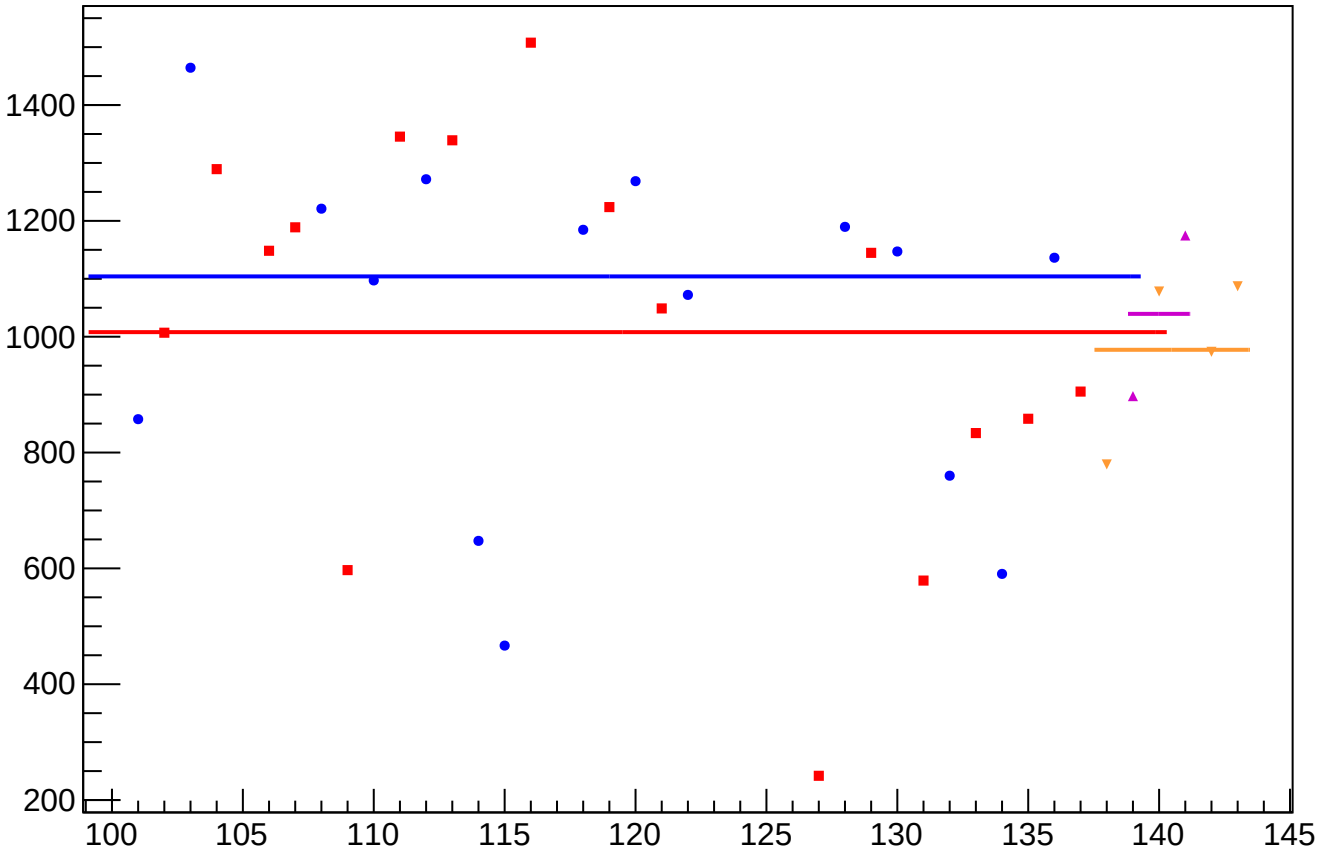
All: 118.956+/-0.000 χ^2/NDF: 21929395004

Right Out: 105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

- sign 116.937+/-0.000 χ^2/NDF: 126057378871931

Left In: 161.326+/-0.000 χ^2/NDF:226919814086645165874365102817280.0/1

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703

Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3

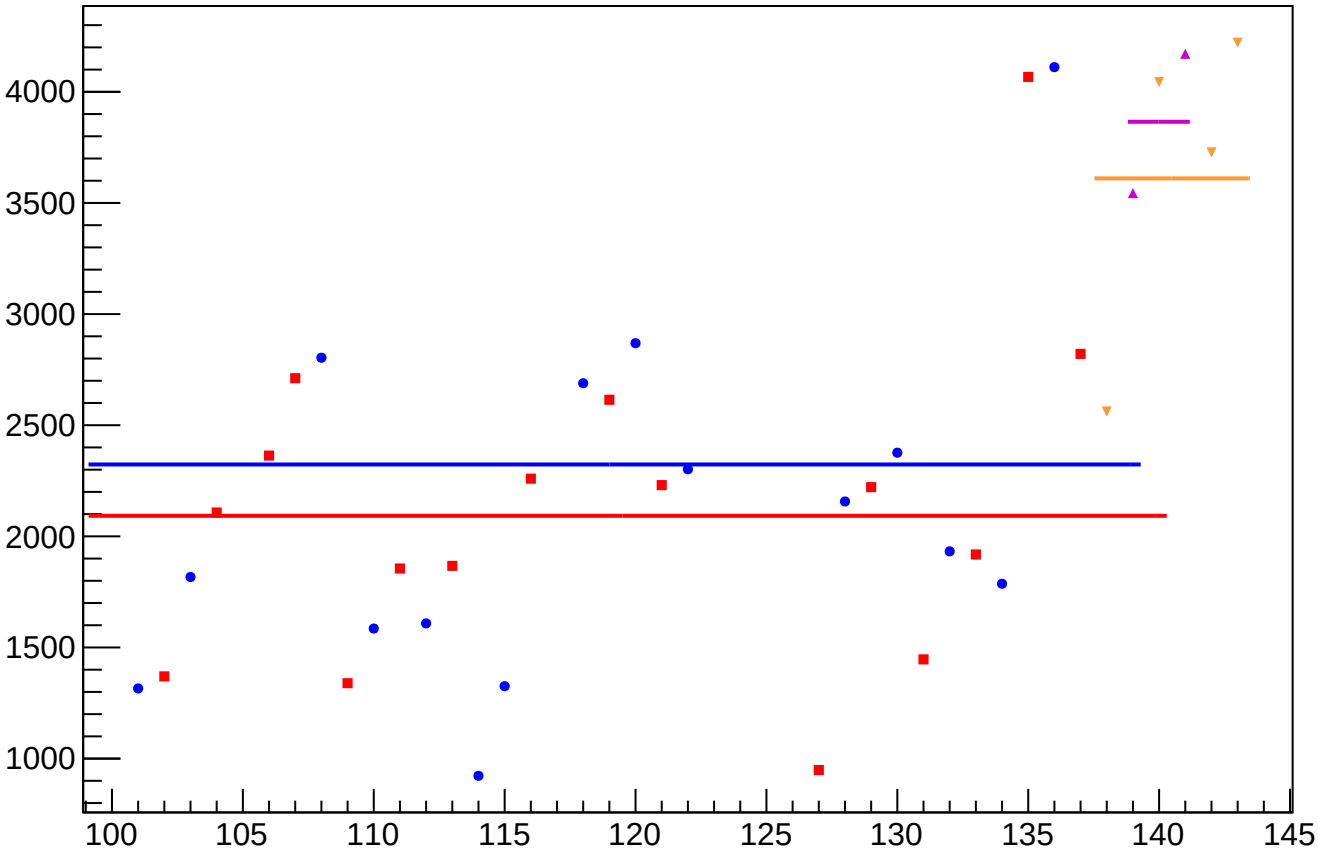
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1

Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265

Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

+ sign 2704.486+/-0.000 χ^2/NDF: 92158011992284

Left Out: 3610.506+/-0.000 χ^2/NDF:1268451385179887486309397674024144732 16.0/3

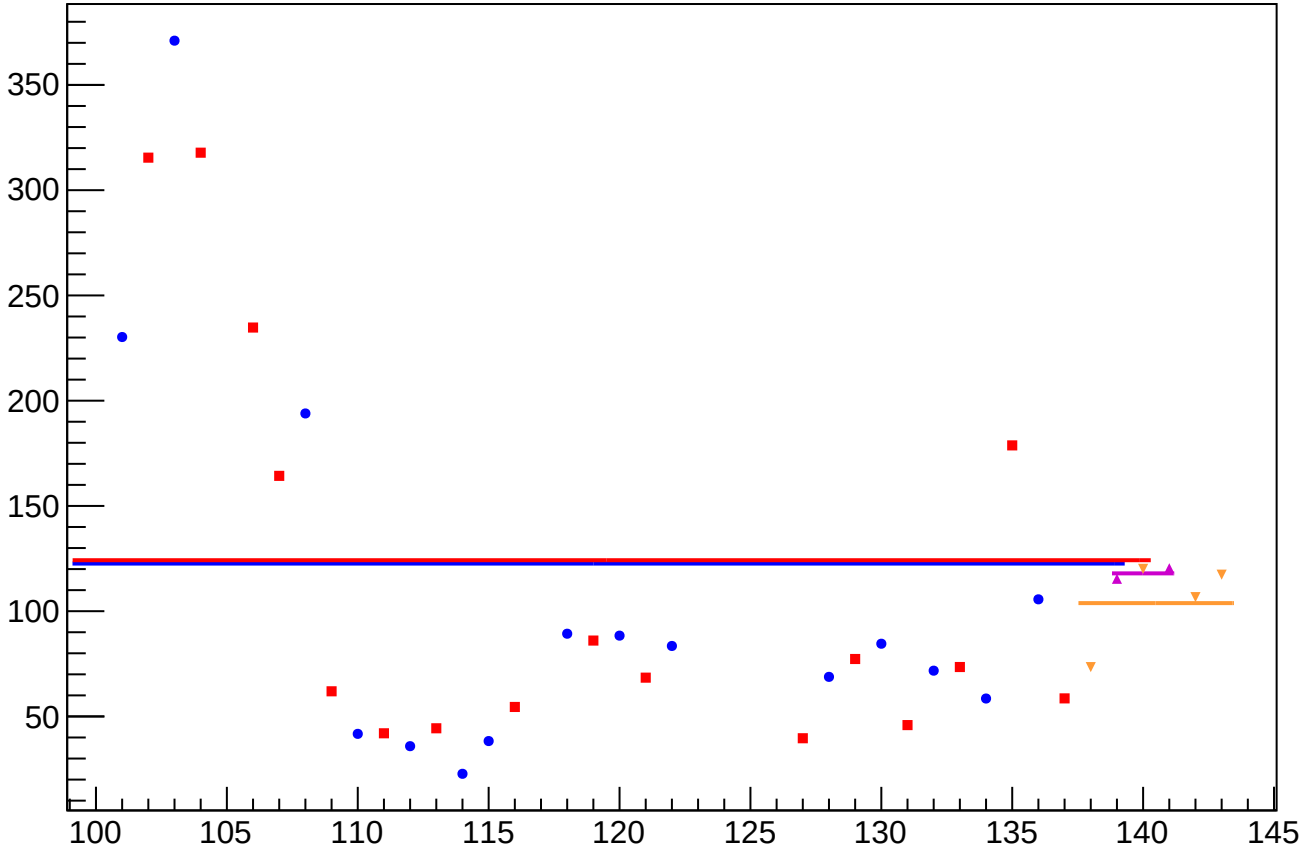
All: 2581.679+/-0.000 χ^2/NDF: 1752068045 1

Right Out: 2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

- sign 2445.751+/-0.000 χ^2/NDF: 80119177966888

Left In: 3865.308+/-0.000 χ^2/NDF:1630012268899271196039307858994737971 2.0/1

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

+ sign 117.060+/-0.000 χ^2/NDF: 611178320114881

Left Out: 103.836+/-0.000 χ^2/NDF:1064625969968340527379874488002805 76.0/3

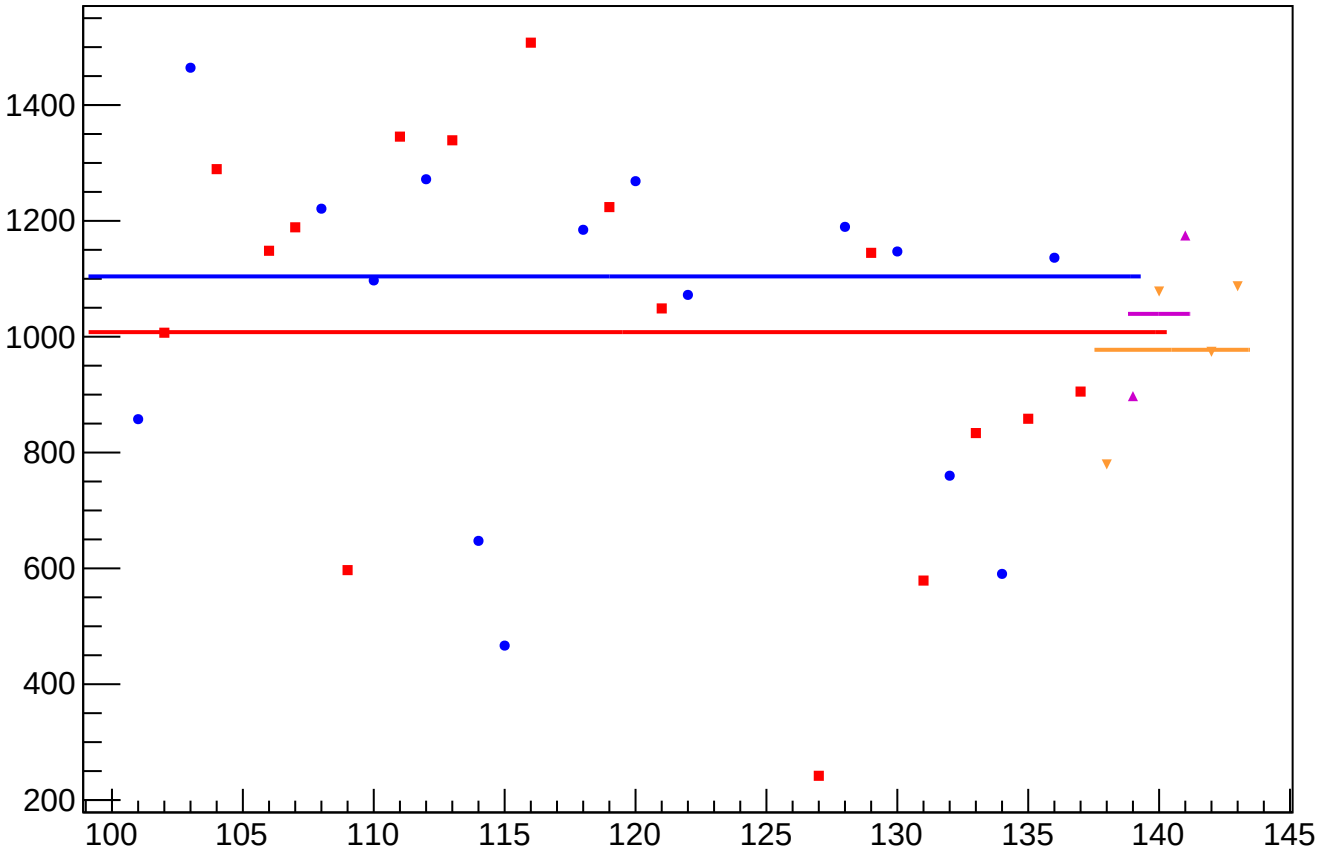
All: 119.865+/-0.000 χ^2/NDF: 12682938006 3

Right Out: 124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

- sign 122.971+/-0.000 χ^2/NDF: 655586450038410

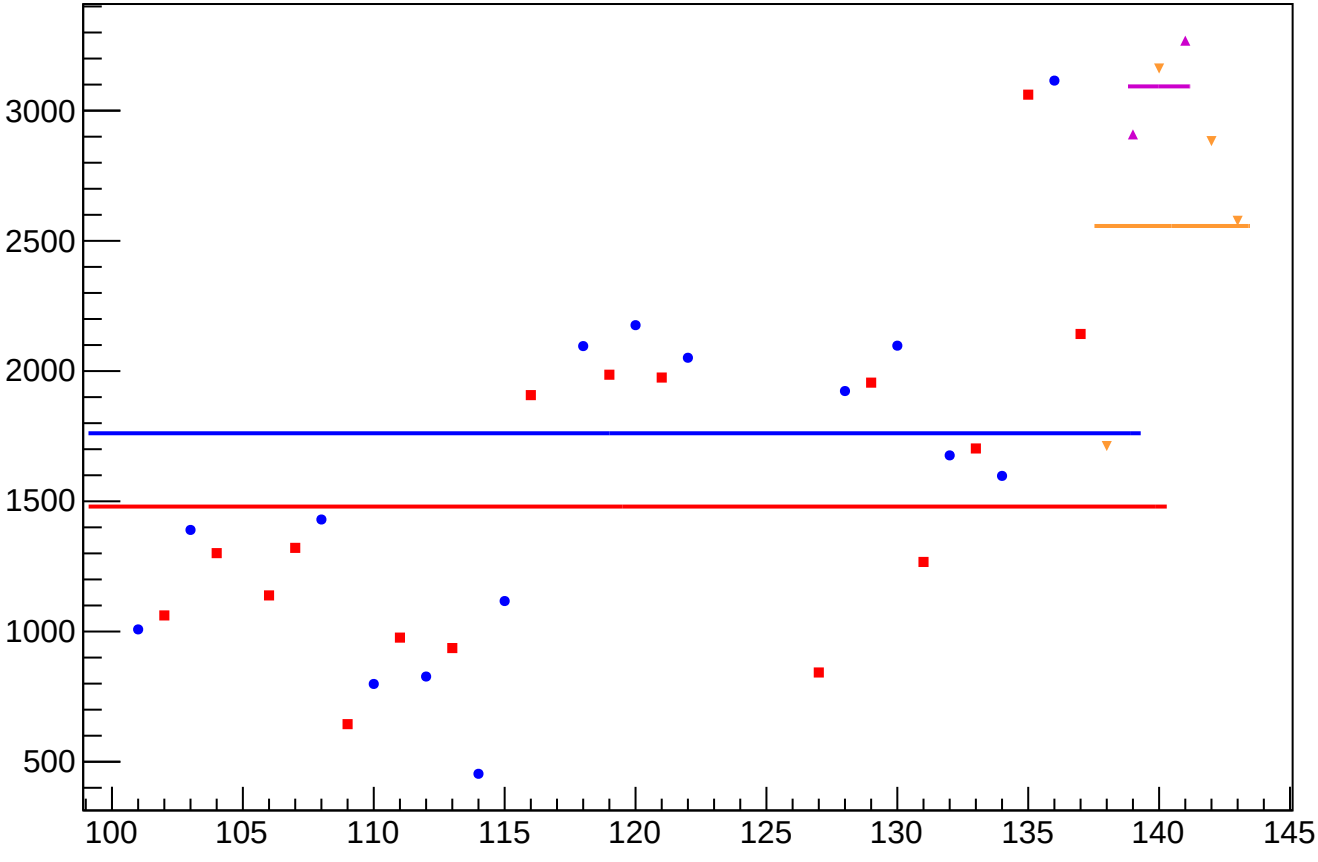
Left In: 117.965+/-0.000 χ^2/NDF:1042531866571968466952345440223232.0/1

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265
Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

+ sign 1996.897+/-0.000 χ^2/NDF: 5445153386162

Left Out: 2557.111+/-0.000 χ^2/NDF:905900607025021104015376578884812144 64.0/3

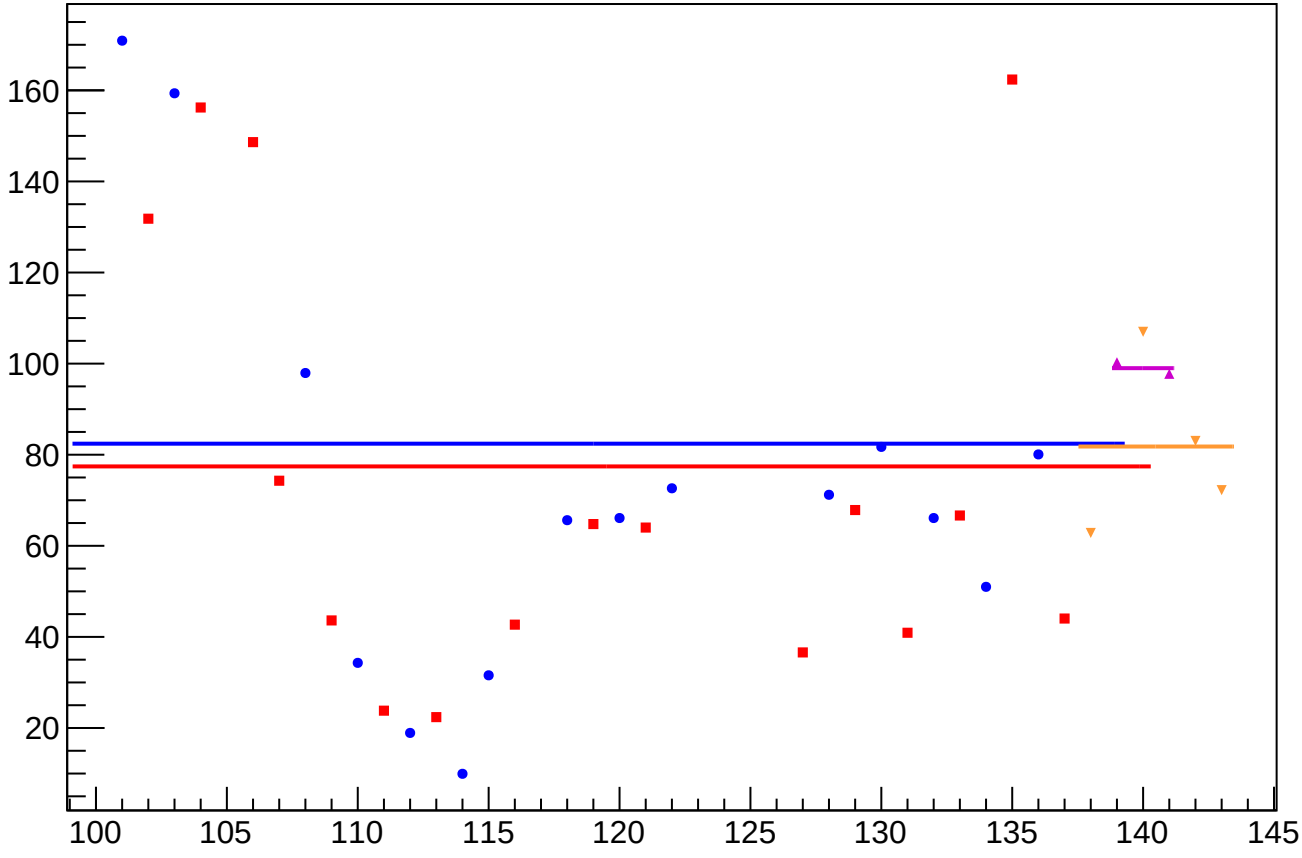
All: 1904.056+/-0.000 χ^2/NDF: 1176043558

Right Out: 1479.801+/-0.000 χ^2/NDF: 2634677681347809688325512386092361318 40.0/15

- sign 1801.296+/-0.000 χ^2/NDF: 61478486015447

Left In: 3093.086+/-0.000 χ^2/NDF:53685876435914674543547398941048832 00.0/1

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

+ sign 82.237+/-0.000 χ^2/NDF: 1350025192668688

Left Out: 81.798+/-0.000 χ^2/NDF:863170856768147962844195642838876 16.0/3

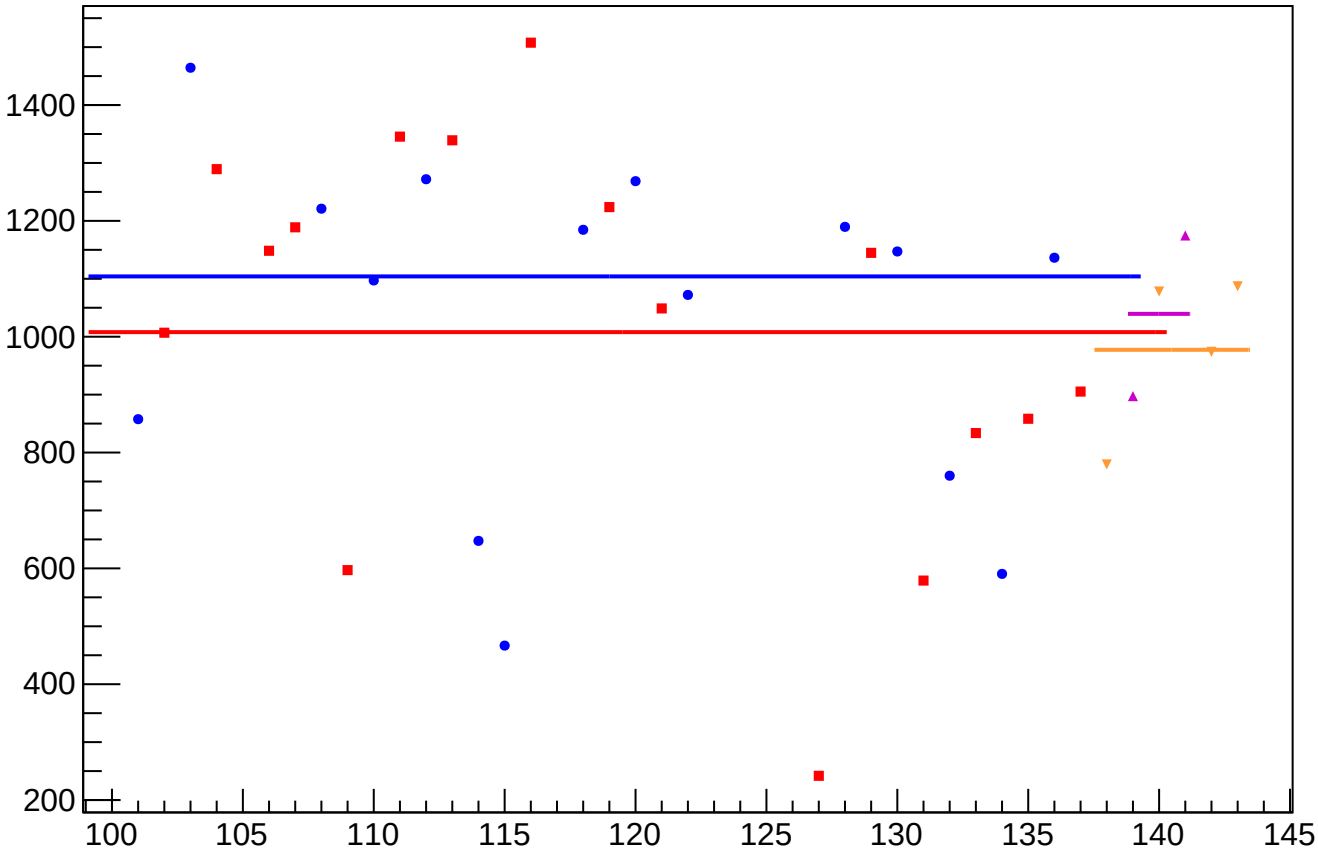
All: 81.996+/-0.000 χ^2/NDF: 2927719855973

Right Out: 77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

- sign 81.729+/-0.000 χ^2/NDF: 1577581574561881

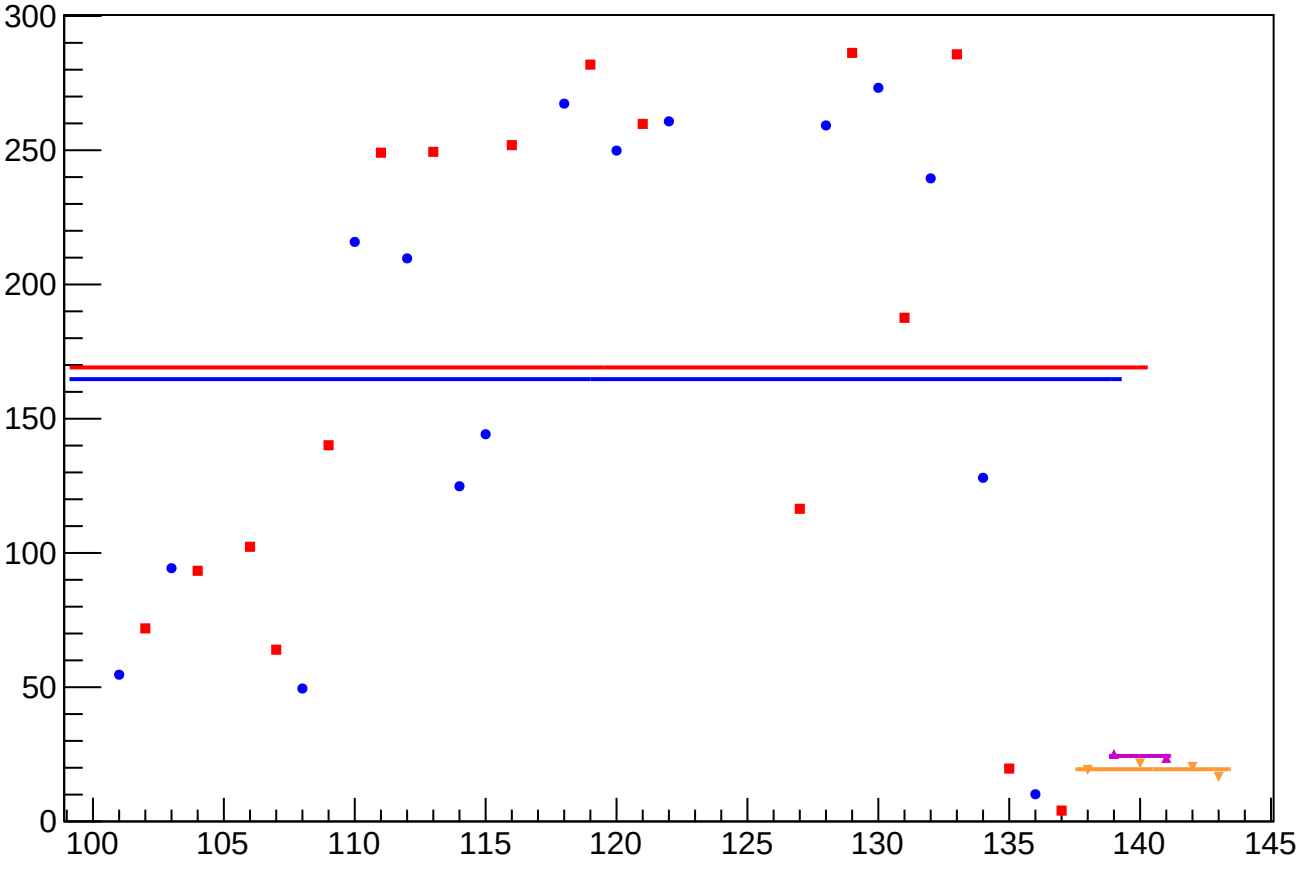
Left In: 99.003+/-0.000 χ^2/NDF:2656427689216214323370084647567 36.0/1

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1066.595+/-0.000 χ^2/NDF: 40514838974703
Left Out: 977.410+/-0.000 χ^2/NDF:46921453458565630595132265439606865 92.0/3
All: 1041.721+/-0.000 χ^2/NDF: 1141176567 1
Right Out: 1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15
- sign 1014.188+/-0.000 χ^2/NDF: 72400894061265
Left In: 1039.434+/-0.000 χ^2/NDF:31908904625875874854654267296820756 48.0/1

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

+ sign 121.730+/-0.000 χ^2/NDF: 104276107202091

Left Out: 19.455+/-0.000 χ^2/NDF:96163029943377096531862478861107 2.0/3

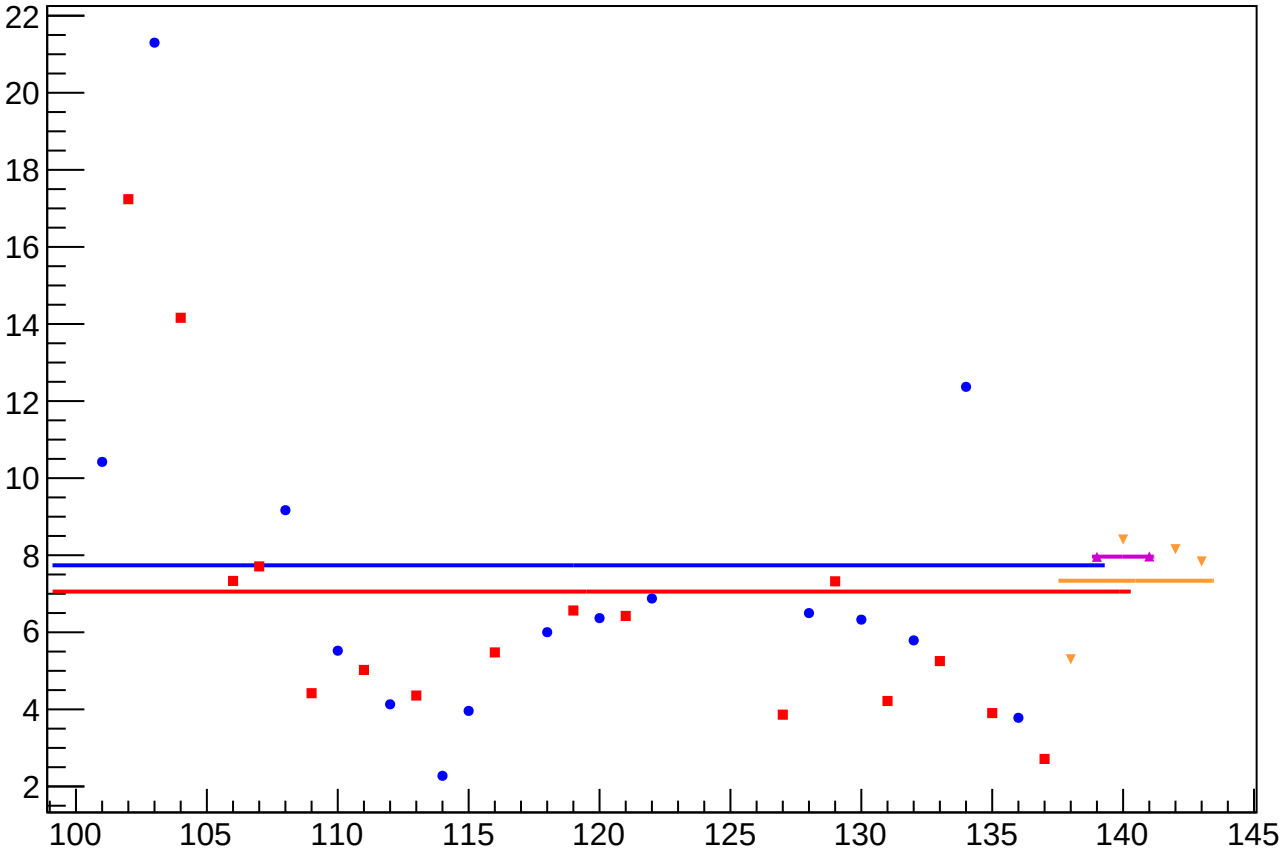
All: 130.529+/-0.000 χ^2/NDF: 19402615547 6

Right Out: 169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

- sign 140.268+/-0.000 χ^2/NDF: 882461539268508

Left In: 24.389+/-0.000 χ^2/NDF:889406157660608489997788847800 32.0/1

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: 1562317442043665

Left Out: 7.338+/-0.000 χ^2/NDF:46516460160159476834558071642521 6.0/3

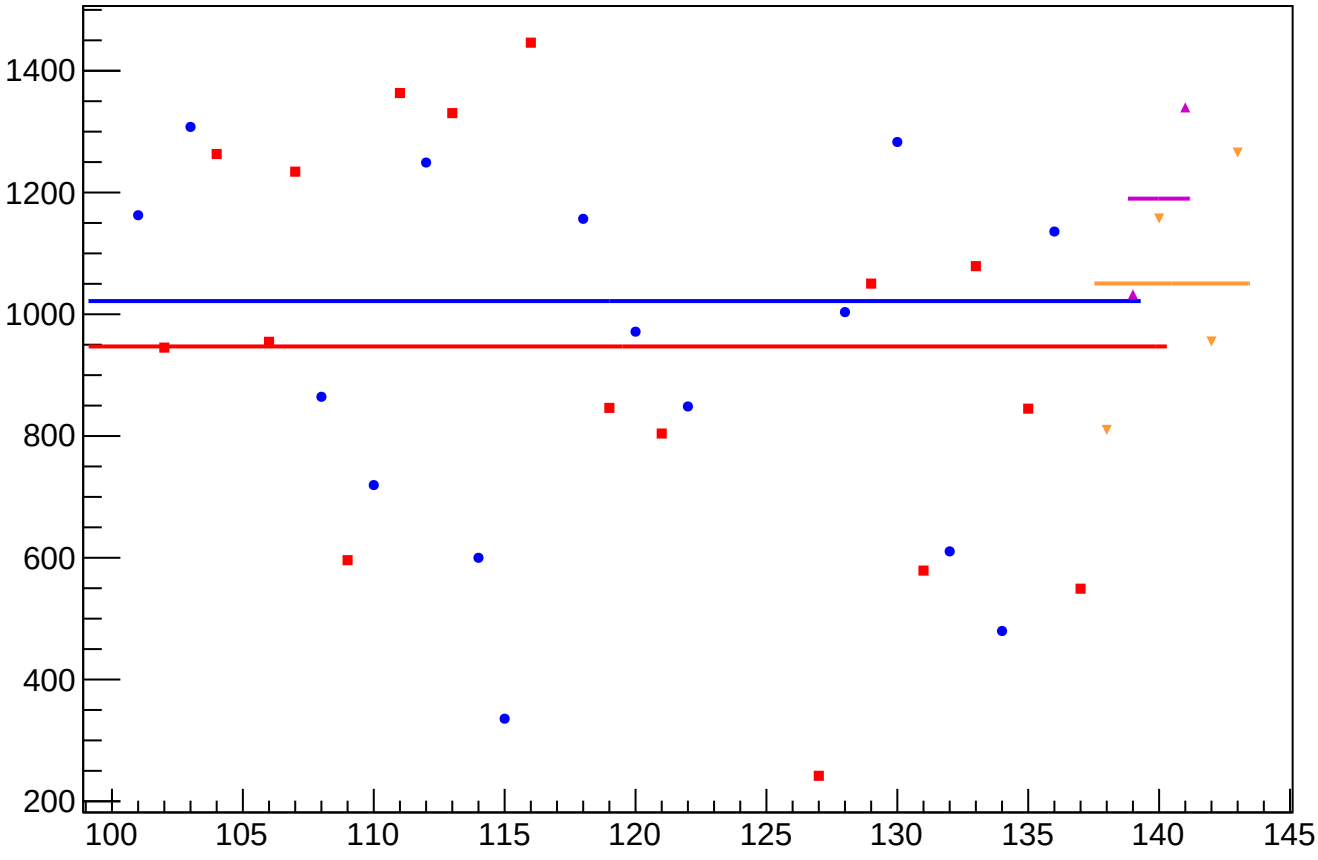
All: 7.438+/-0.000 χ^2/NDF: 2708880882801

Right Out: 7.057+/-0.000 χ^2/NDF: 11292441204139394792341242753581056.0/15

- sign 7.238+/-0.000 χ^2/NDF: 11401697279892220

Left In: 7.964+/-0.000 χ^2/NDF:39776057628115391148709642 24.0/1

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

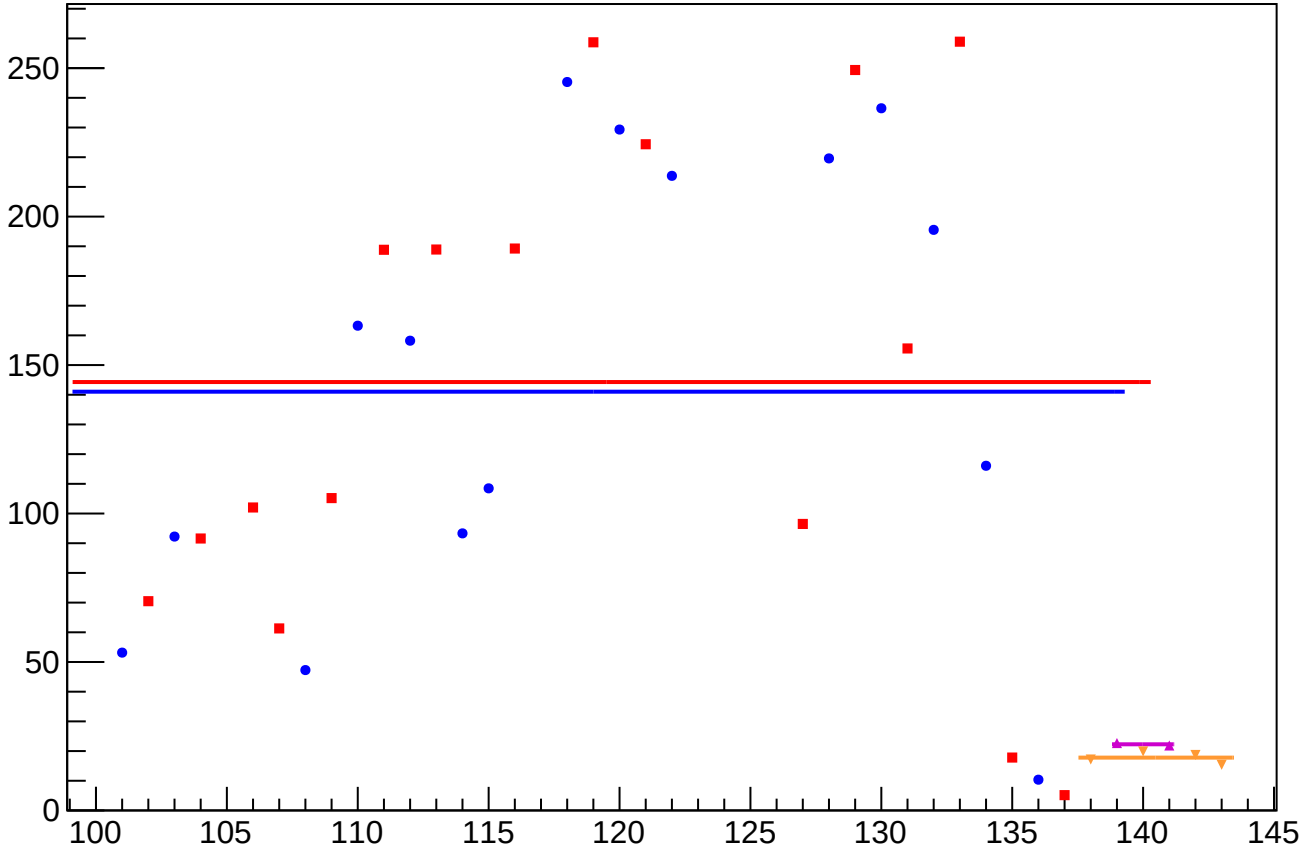
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 995.537+/-0.000 χ^2/NDF: 795333477078456

Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF: 450799258551292333258741561224593408 0.0/14

+ sign 104.542+/-0.000 χ^2/NDF: 74273054034892 6

Left Out: 17.795+/-0.000 χ^2/NDF:817887565570467001099105876312064.0/3

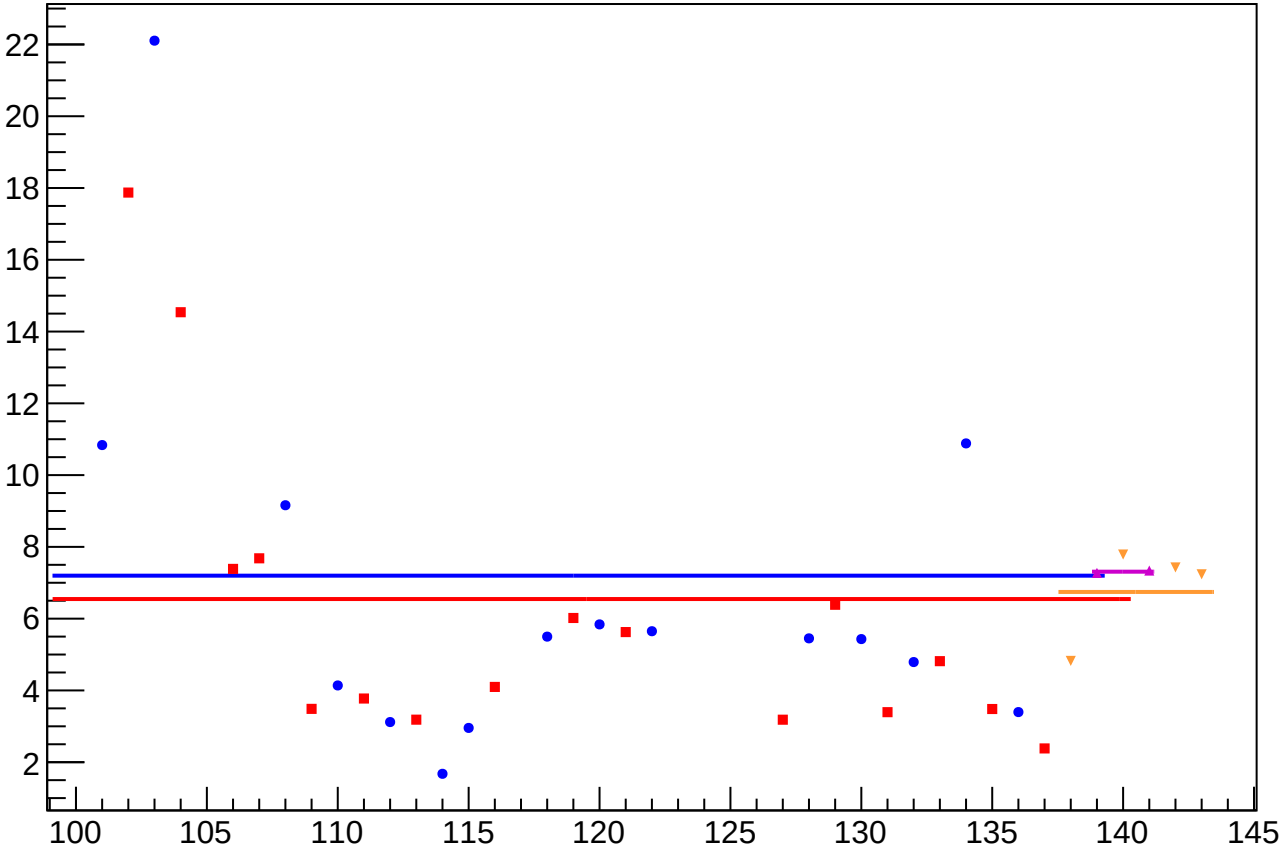
All: 111.865+/-0.000 χ^2/NDF: 13778236541 8

Right Out: 144.283+/-0.000 χ^2/NDF: 426833357151774088606536166392882 7904.0/15

- sign 119.971+/-0.000 χ^2/NDF: 624675218649054

Left In: 22.283+/-0.000 χ^2/NDF:278475498052585712764589304709 12.0/1

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

+ sign 7.063+/-0.000 χ^2/NDF: 18667013305684054

Left Out: 6.744+/-0.000 χ^2/NDF:41482426797824914838638067240140 8.0/3

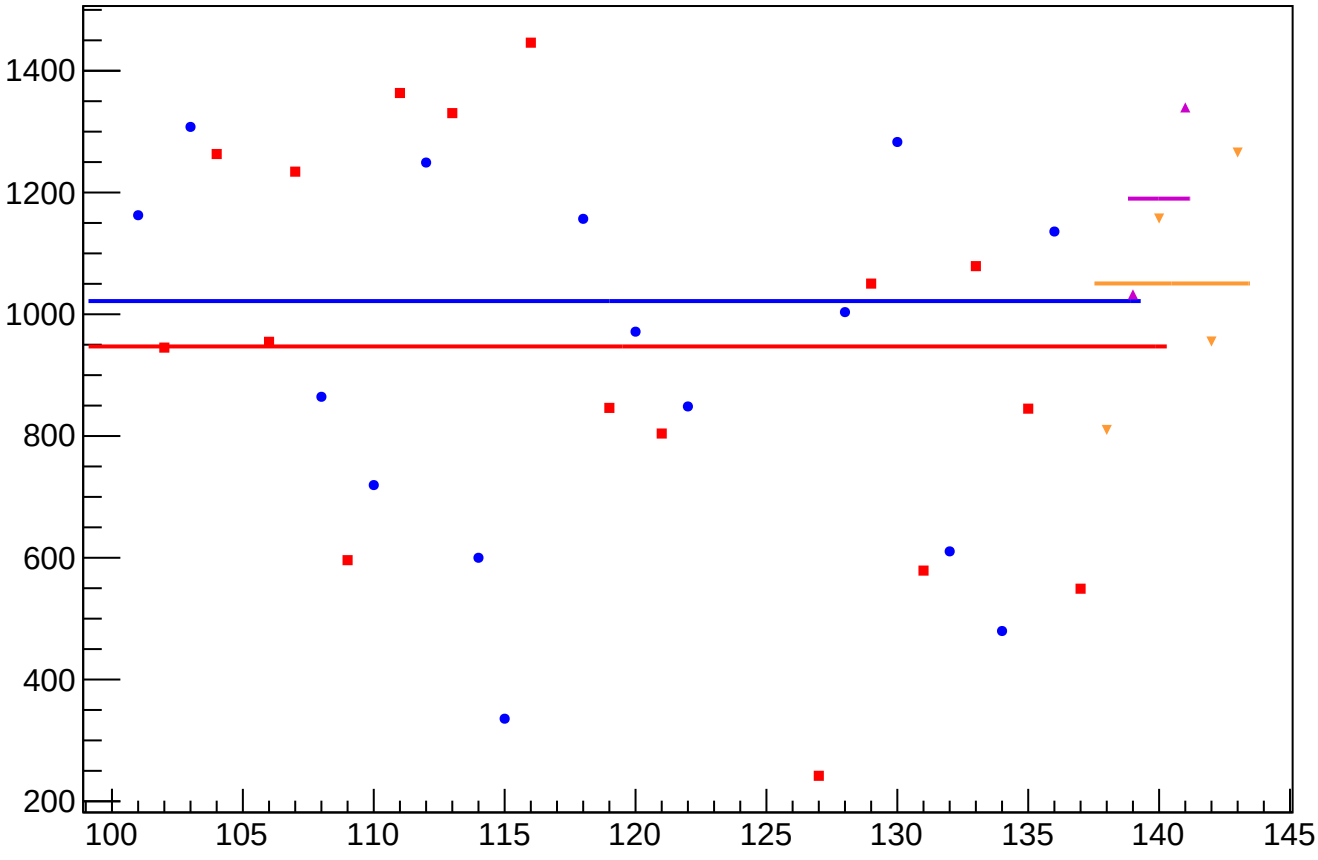
All: 6.890+/-0.000 χ^2/NDF: 3288161196305 0

Right Out: 6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

- sign 6.698+/-0.000 χ^2/NDF: 14156296704305968

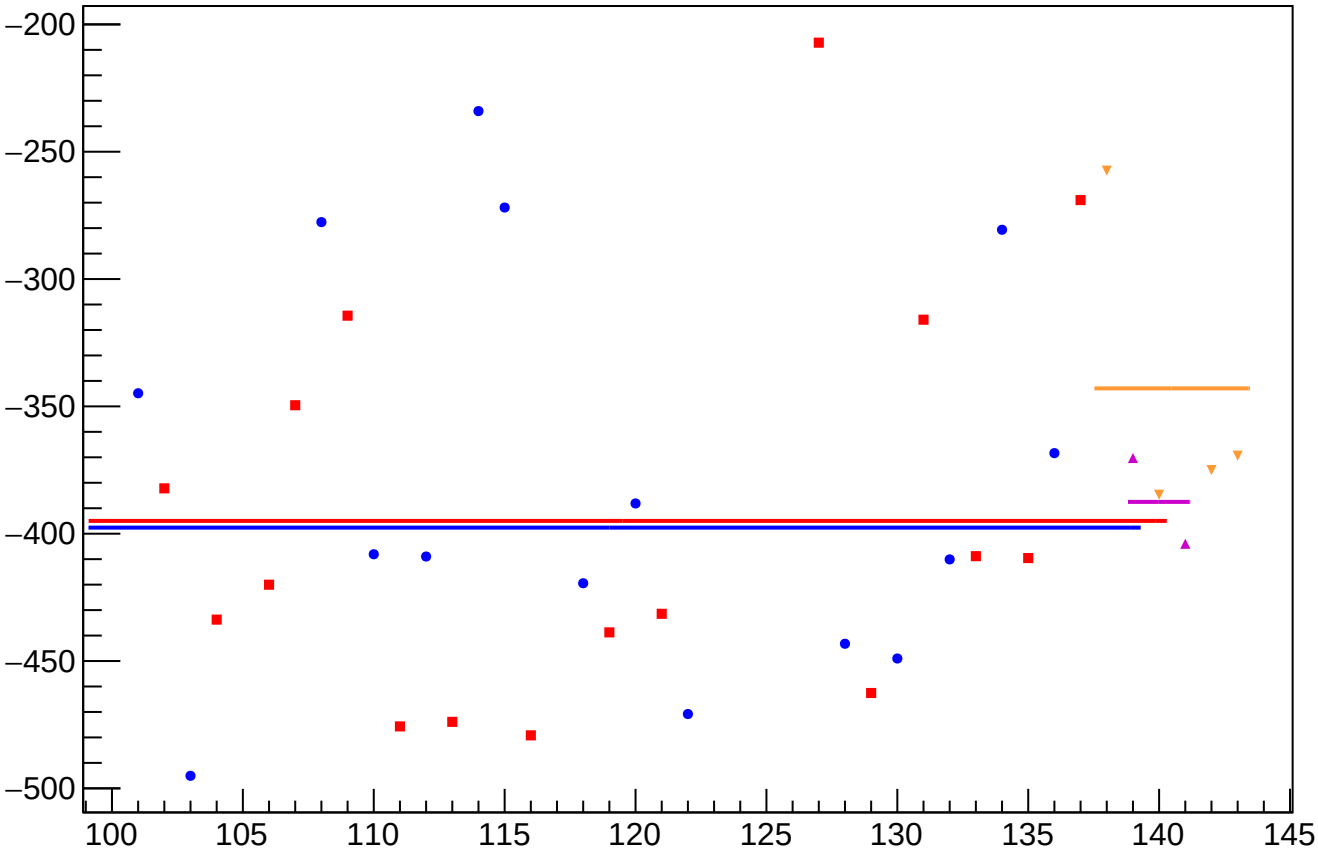
Left In: 7.309+/-0.000 χ^2/NDF:17310391285672048094698746675 2.0/1

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2
Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

+ sign -381.422+/-0.000 χ^2/NDF: 40435185332674

Left Out: -342.932+/-0.000 χ^2/NDF:807653524791121182675662875435991040.0/3

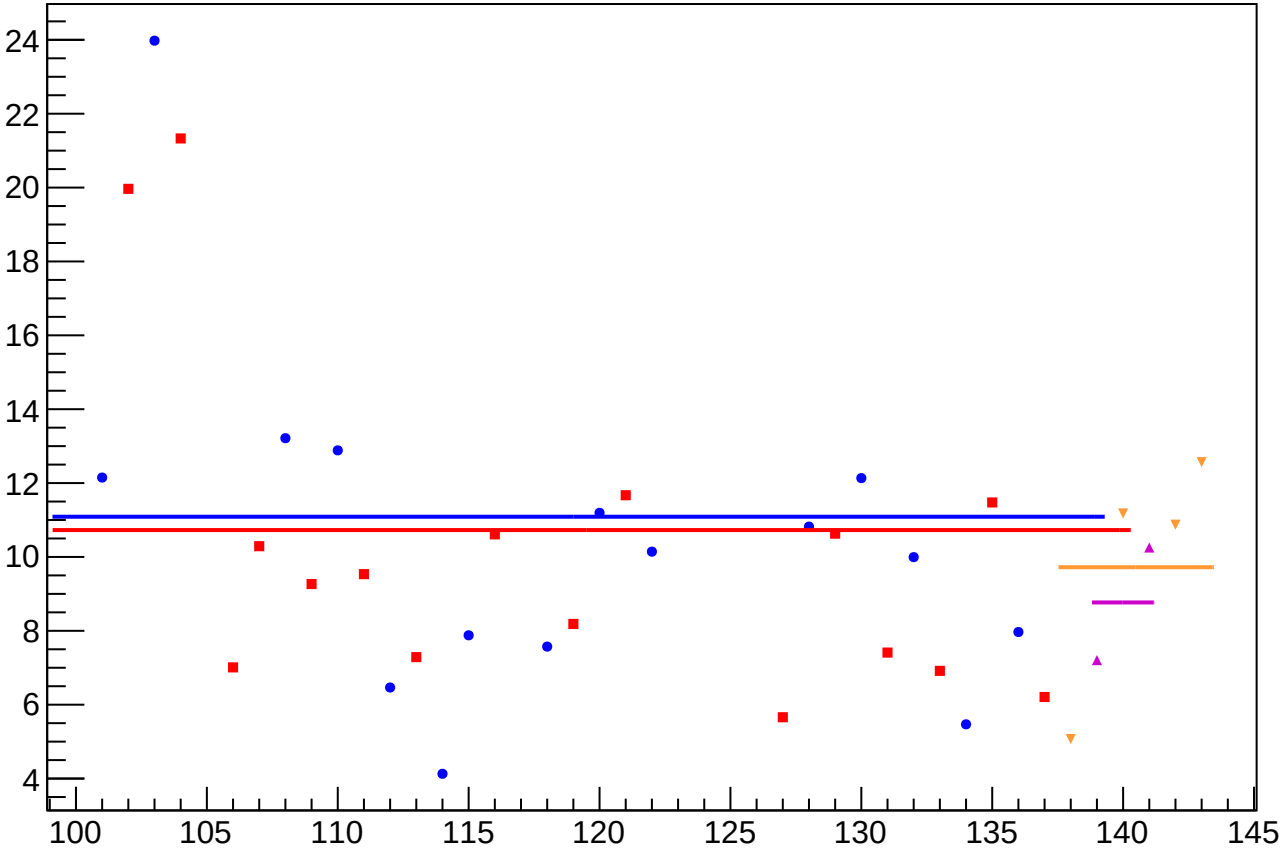
All: -387.148+/-0.000 χ^2/NDF: 78472291164

Right Out: -394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

- sign -393.486+/-0.000 χ^2/NDF: 374002333416531

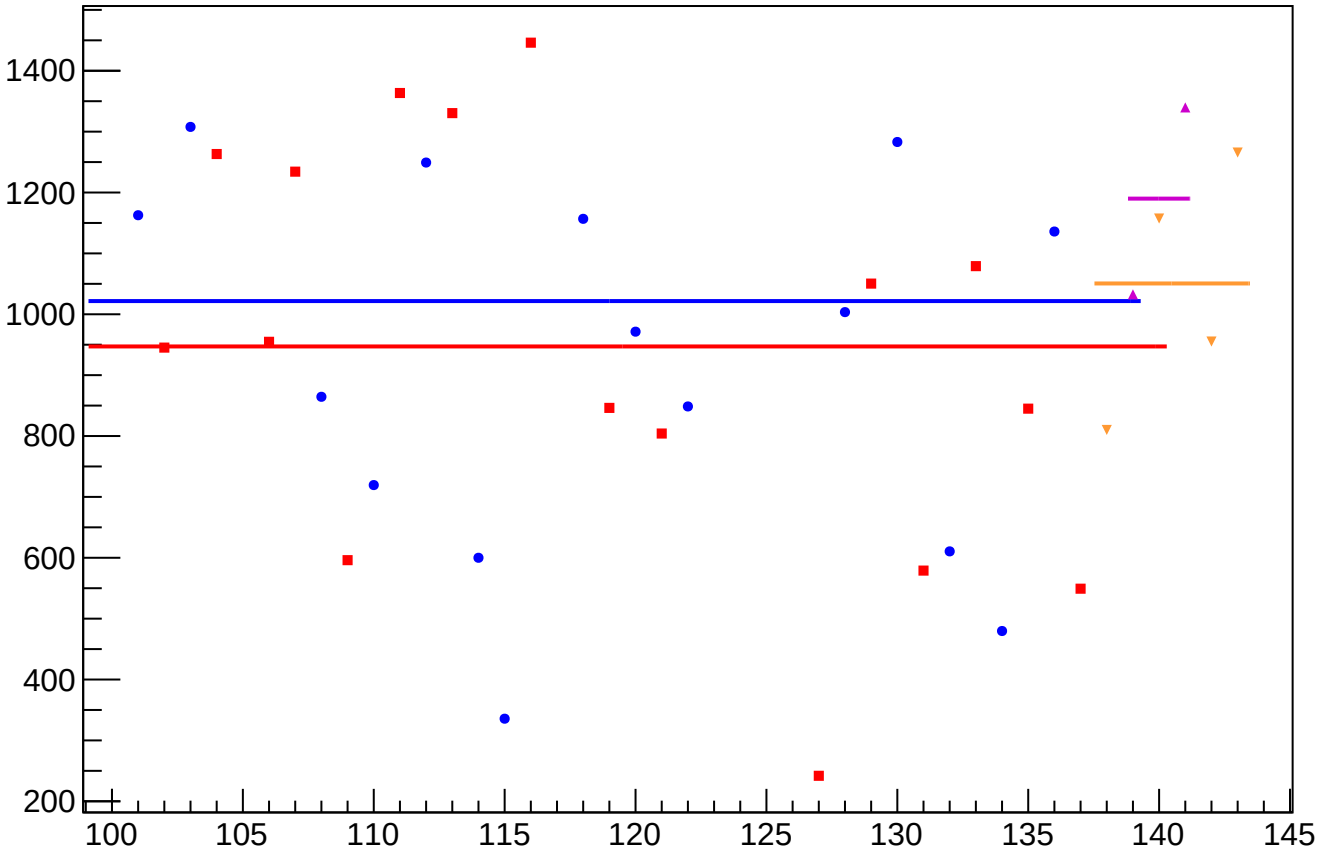
Left In: -387.511+/-0.000 χ^2/NDF:470268398142774526306797313526333 44.0/1

dit_11X12X_coil7_err_mean vs Slug



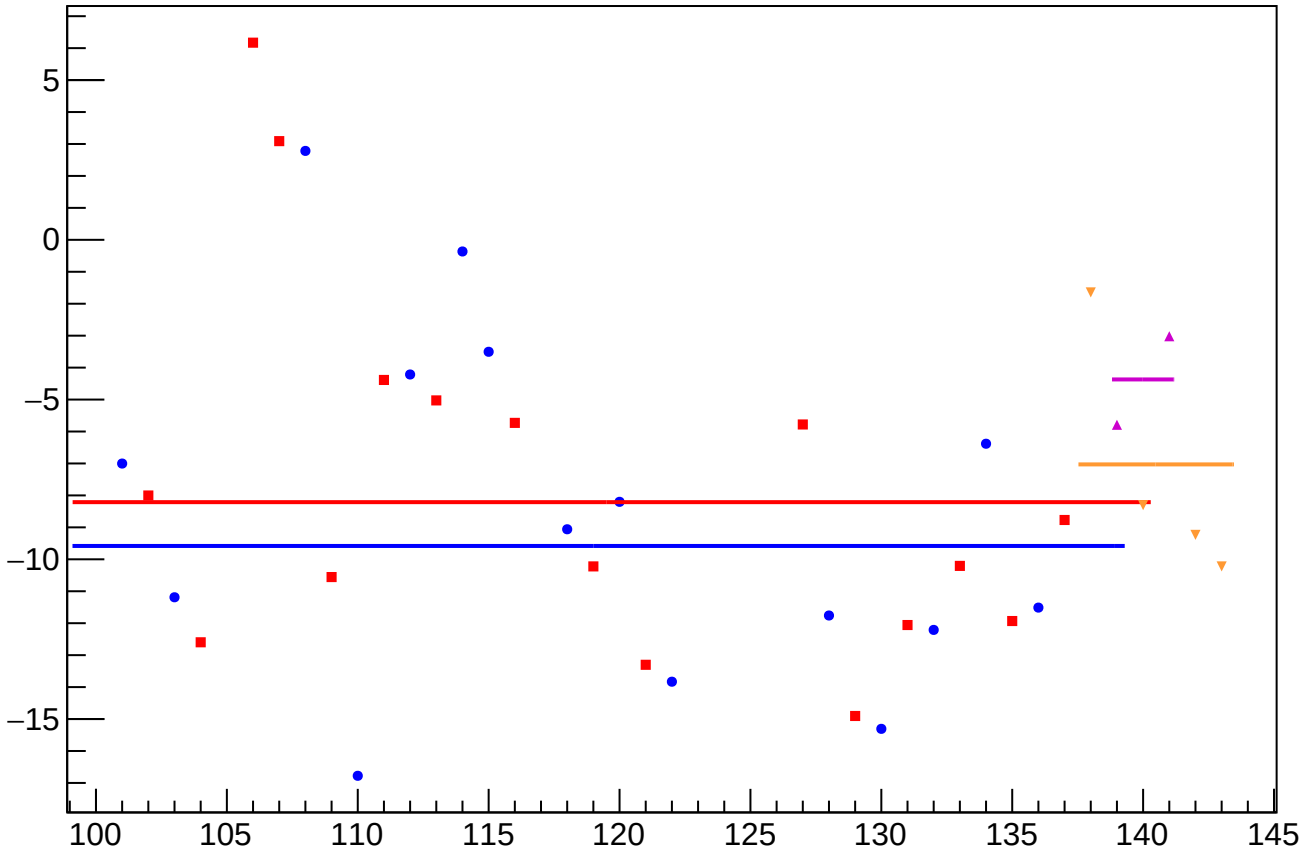
Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14
+ sign 10.684+/-0.000 χ^2/NDF: 1705931777600799
Left Out: 9.722+/-0.000 χ^2/NDF:2464407336119684972014055192526848.0/3
All: 10.519+/-0.000 χ^2/NDF: 327754431303 6
Right Out: 10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15
- sign 10.337+/-0.000 χ^2/NDF: 1566339845237618
Left In: 8.768+/-0.000 χ^2/NDF:3856181692778355850146501183406 08.0/1

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2
Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_4aY_coil7_mean vs Slug



Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Left Out: -7.030+/-0.000 χ^2/NDF:3300890255682655116184434618925056.0/3

Right Out: -8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

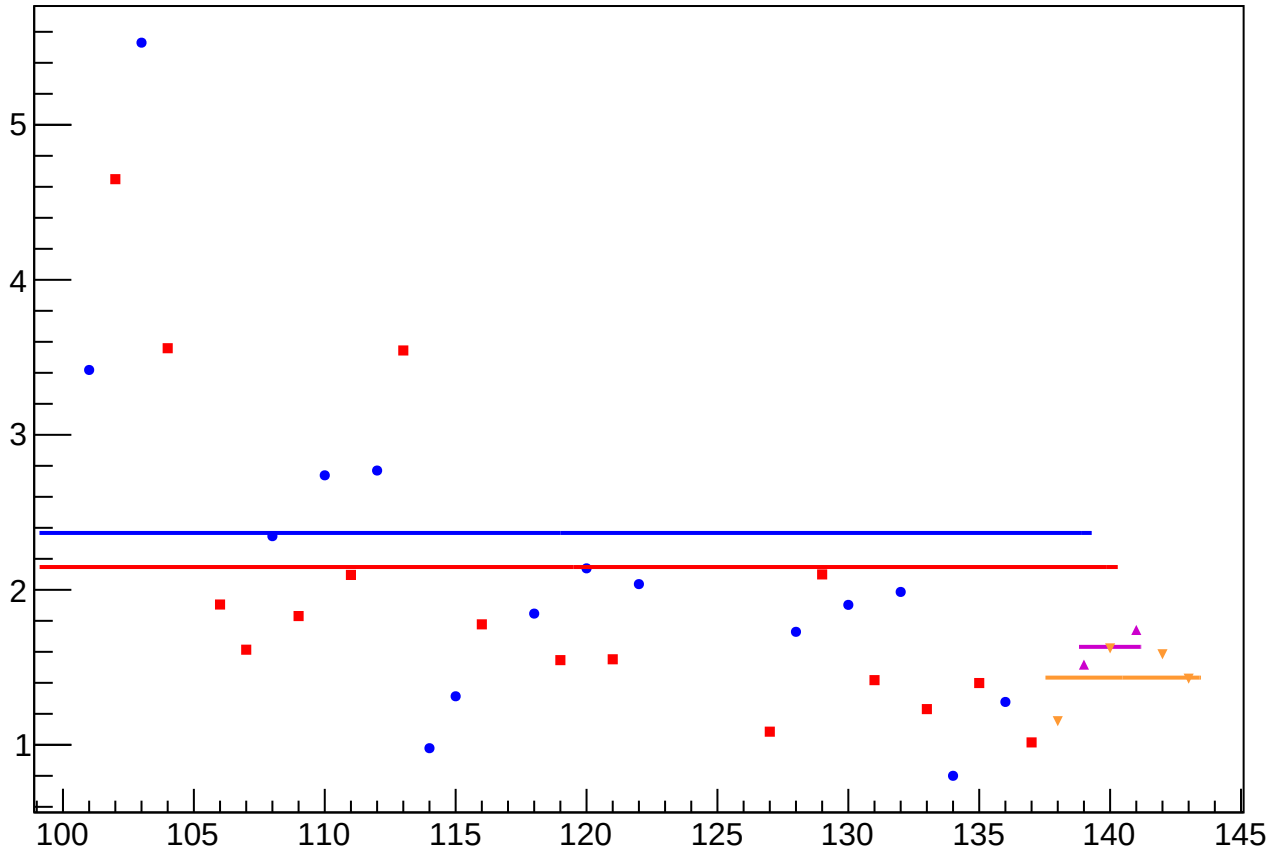
Left In: -4.370+/-0.000 χ^2/NDF:3184314019430943511031061382430 72.0/1

+ sign -8.826+/-0.000 χ^2/NDF: 1925567652600514

All: -8.171+/-0.000 χ^2/NDF: 4067357060069

- sign -7.446+/-0.000 χ^2/NDF: 2058378627376654 3

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.434+/-0.000 χ^2/NDF:1013432147930991196454750729011 2.0/3

Right Out: 2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

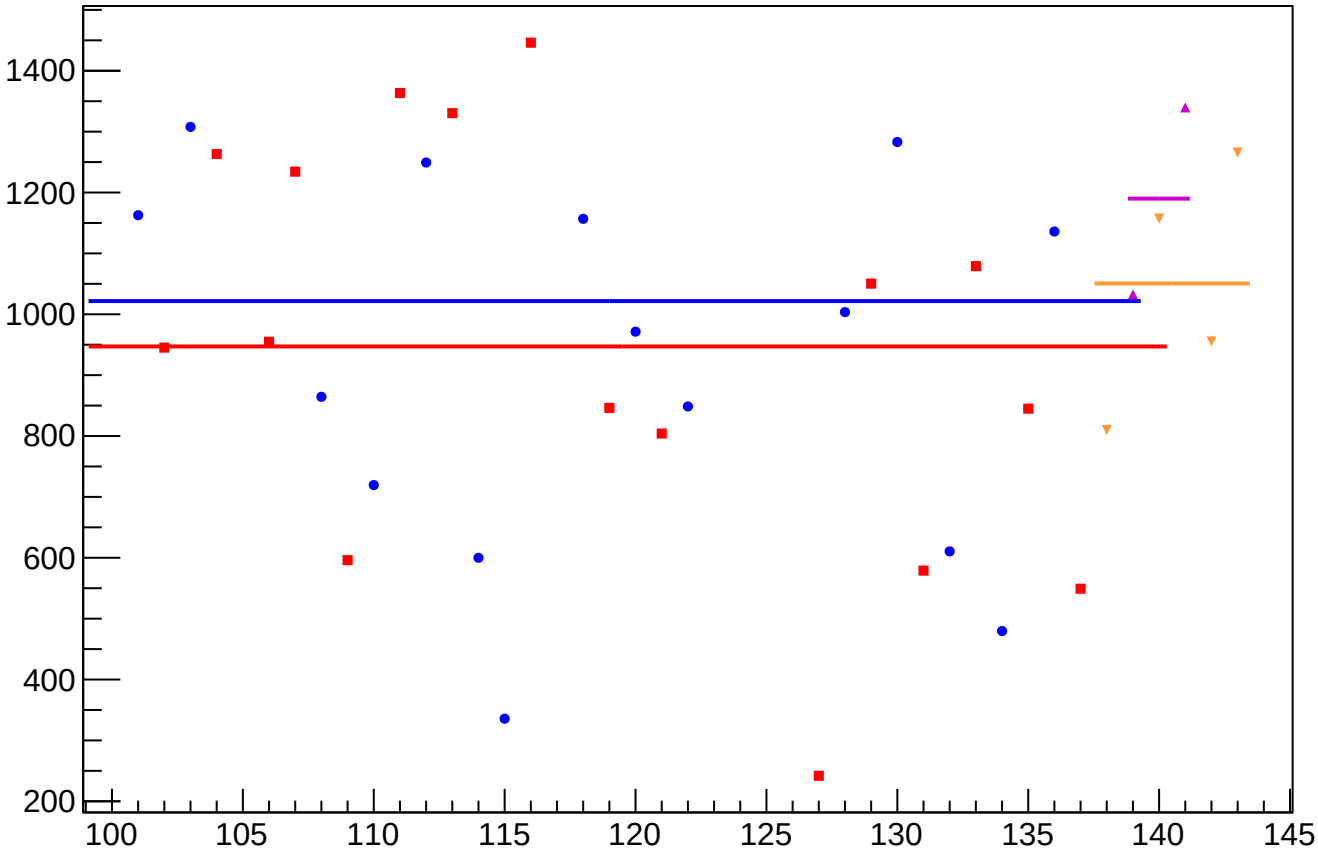
Left In: 1.632+/-0.000 χ^2/NDF:2075375480189142053160052850688.0/1

+ sign 2.091+/-0.000 χ^2/NDF: 1098176606483905 3

All: 2.069+/-0.000 χ^2/NDF: 1900614404602 4

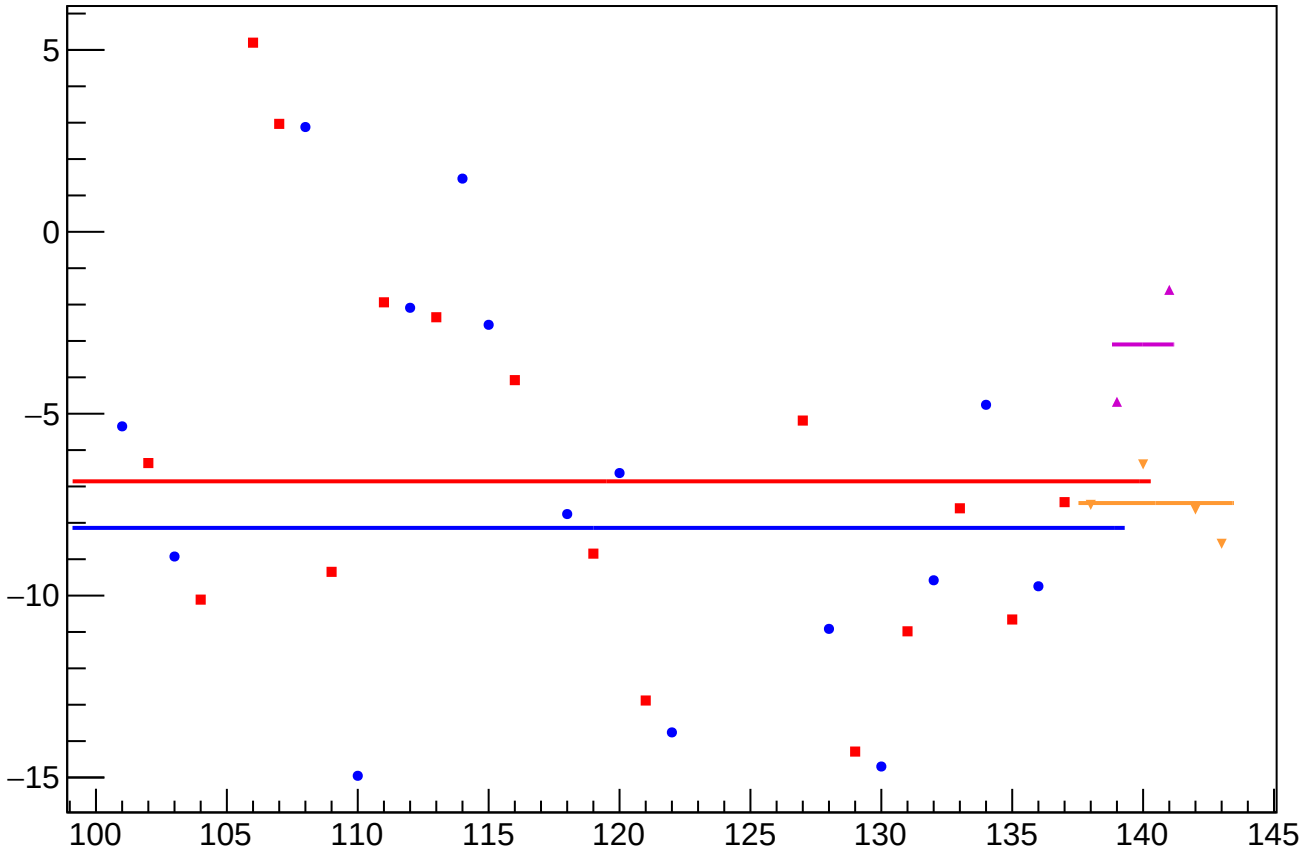
- sign 2.044+/-0.000 χ^2/NDF: 80150606482403351

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2
Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_4eY_coil7_mean vs Slug



Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

+ sign -7.937+/-0.000 χ^2/NDF: 1494435716703259

Left Out: -7.456+/-0.000 χ^2/NDF:1782366233794648895259300121804 80.0/3

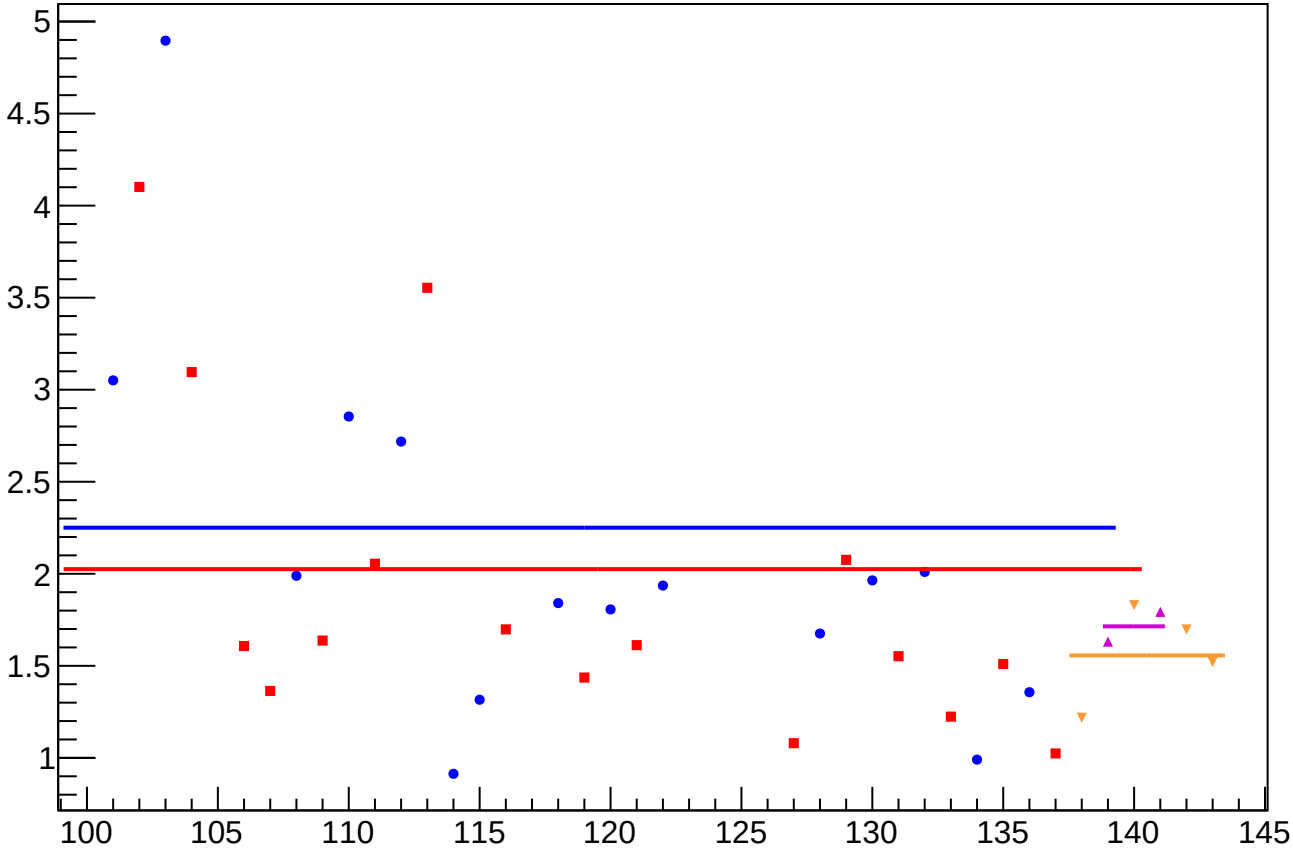
All: -7.069+/-0.000 χ^2/NDF: 3516407203890

Right Out: -6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307 9808.0/15

- sign -6.109+/-0.000 χ^2/NDF: 1875794676358201 5

Left In: -3.096+/-0.000 χ^2/NDF:3926333818978618059337797929533 44.0/1

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

+ sign 2.045+/-0.000 χ^2/NDF: 7652813614289964 7

Left Out: 1.557+/-0.000 χ^2/NDF:1604744893687053443777358620262 4.0/3

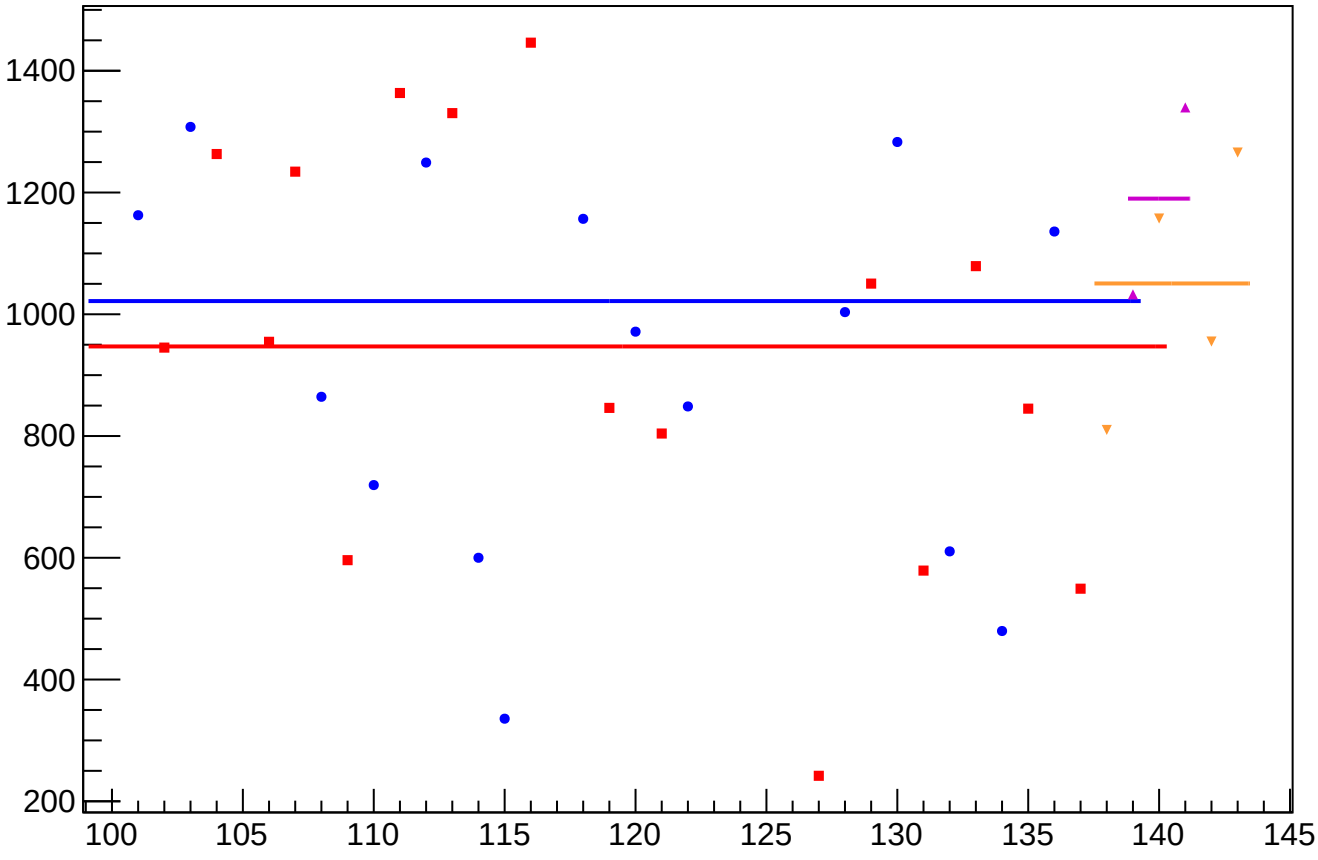
All: 2.006+/-0.000 χ^2/NDF: 1360850722898 0

Right Out: 2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

- sign 1.963+/-0.000 χ^2/NDF: 5926543120445555 8

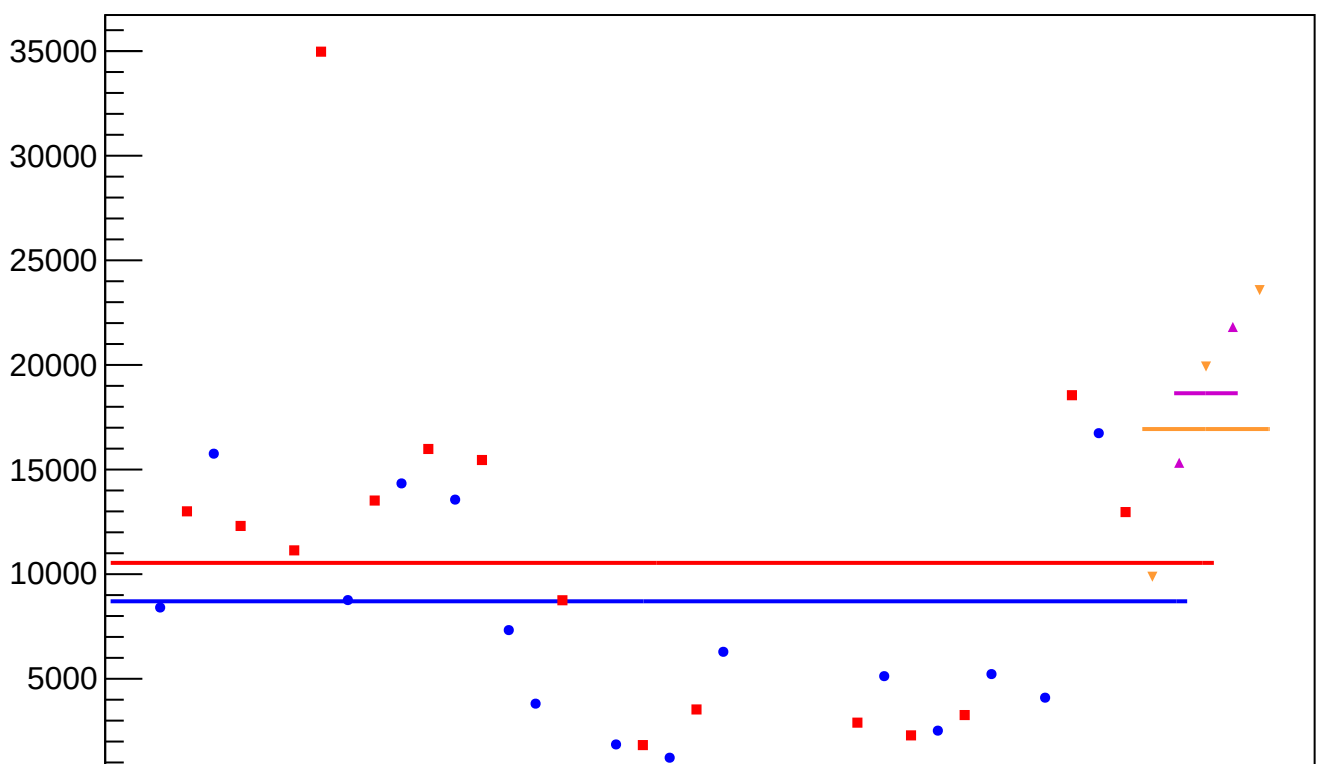
Left In: 1.714+/-0.000 χ^2/NDF:1086968157256767957289911975936.0/1

dit_4eY_coil7_Ndata_mean vs Slug



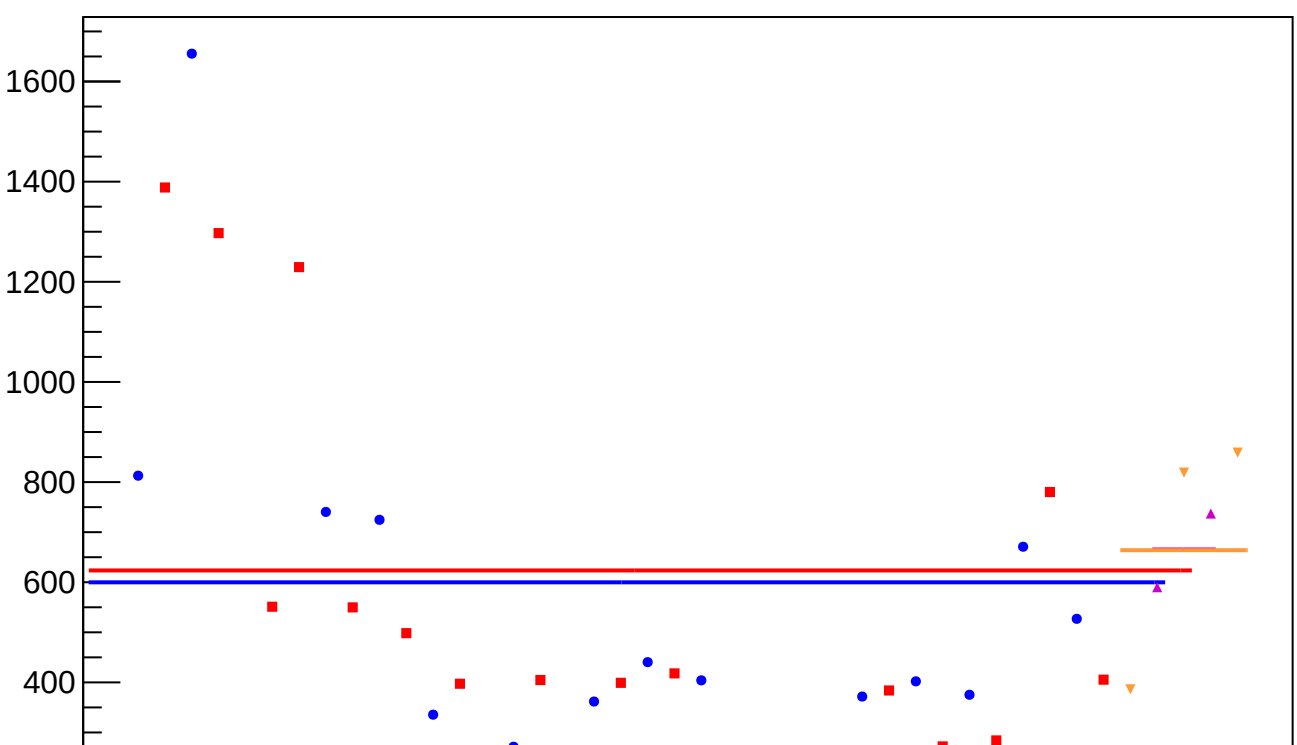
Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2
Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left Out: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191919226 88.0/14
+ sign 10686.918+/-0.000 χ^2/NDF: 3674637412135
Left Out: 16936.177+/-0.000 χ^2/NDF:6646710921788244129422426256816969089024.0/2
All: 11411.431+/-0.000 χ^2/NDF: 9436779692
Right Out: 10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586 62656.0/15
- sign 12155.078+/-0.000 χ^2/NDF: 5671195961849
Left In: 18647.281+/-0.000 χ^2/NDF:1747286001193469686188213060397099384832.0/1

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Left Out: 663.981+/-0.000 χ^2/NDF:9734894599574410654576162279931248640.0/2

Right Out: 623.569+/-0.000 χ^2/NDF: 10144884547929760304415261812687949004 8.0/15

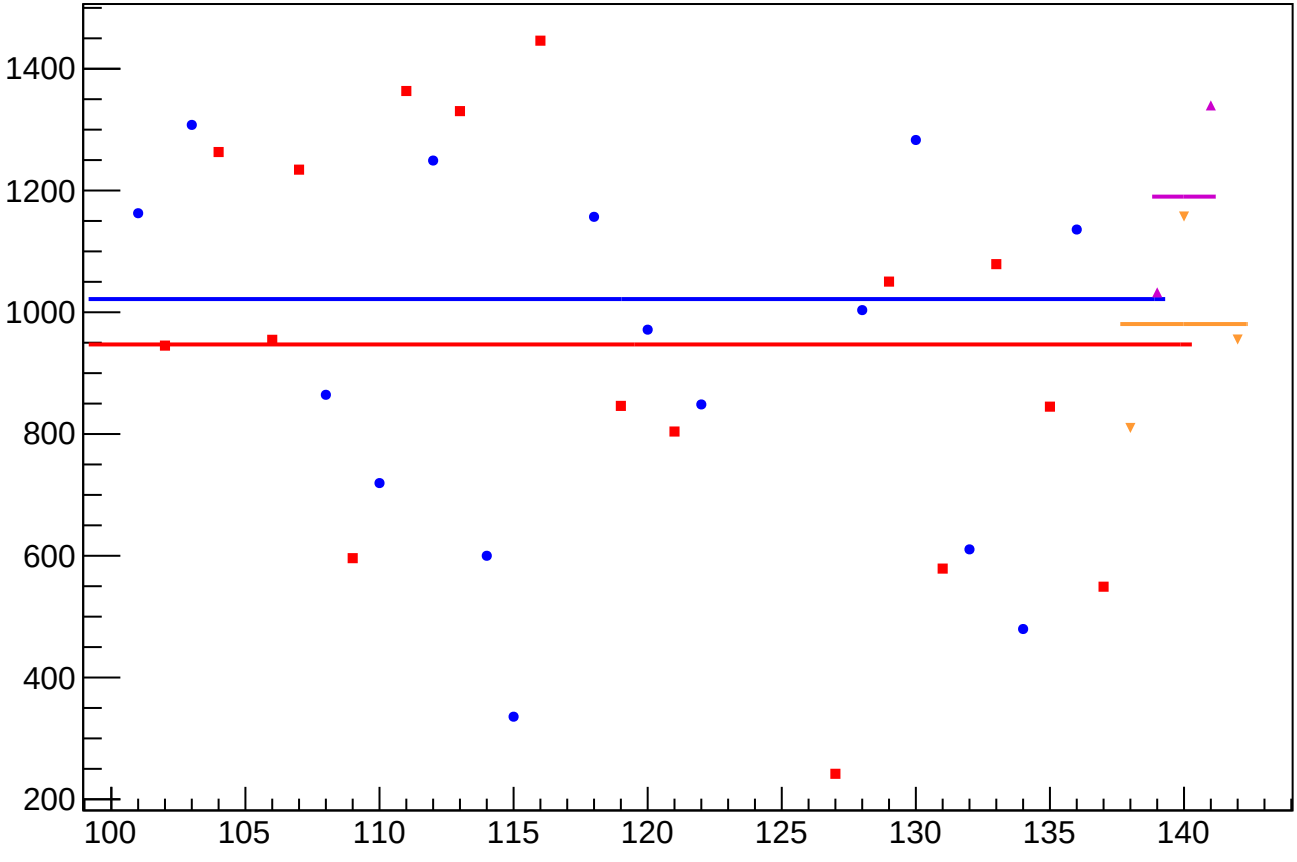
Left In: 665.425+/-0.000 χ^2/NDF:8981529101206676974999812147888783 36.0/1

+ sign 615.301+/-0.000 χ^2/NDF: 996369660038342

All: 623.497+/-0.000 χ^2/NDF: 20233322712 3

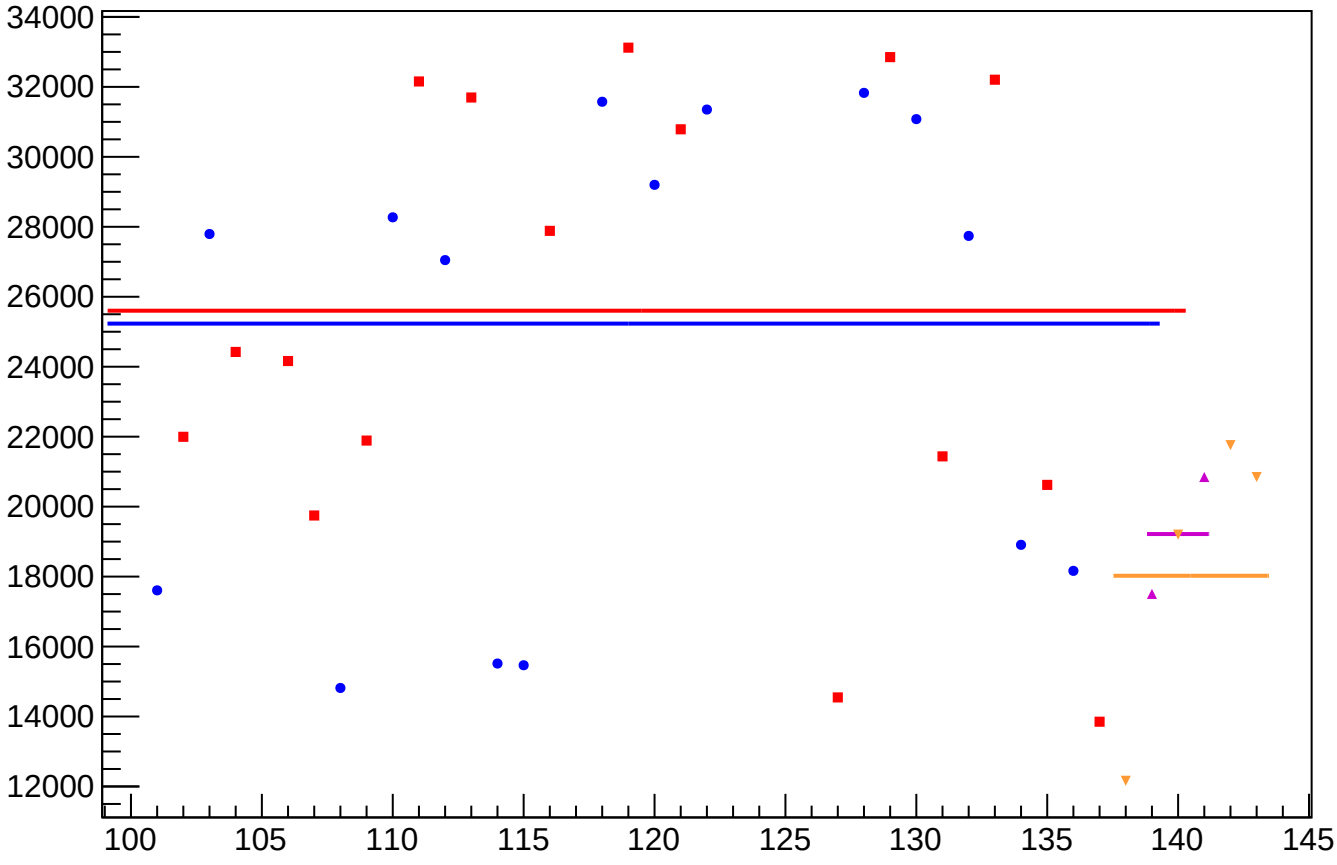
- sign 631.910+/-0.000 χ^2/NDF: 102579865693588

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1011.800+/-0.000 χ^2/NDF: 4561678527392 2
Left Out: 980.660+/-0.000 χ^2/NDF:486052346317757429011129802393701 5808.0/2
All: 1003.774+/-0.000 χ^2/NDF: 1252617320 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left Out: 980.660+/-0.000 χ^2/NDF:486052346317757429011129802393701 5808.0/2
Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

+ sign 23097.928+/-0.000 χ^2/NDF: 3848747953553

Left Out: 18024.077+/-0.000 χ^2/NDF:396844319230712347559123027281578452582 4.0/3

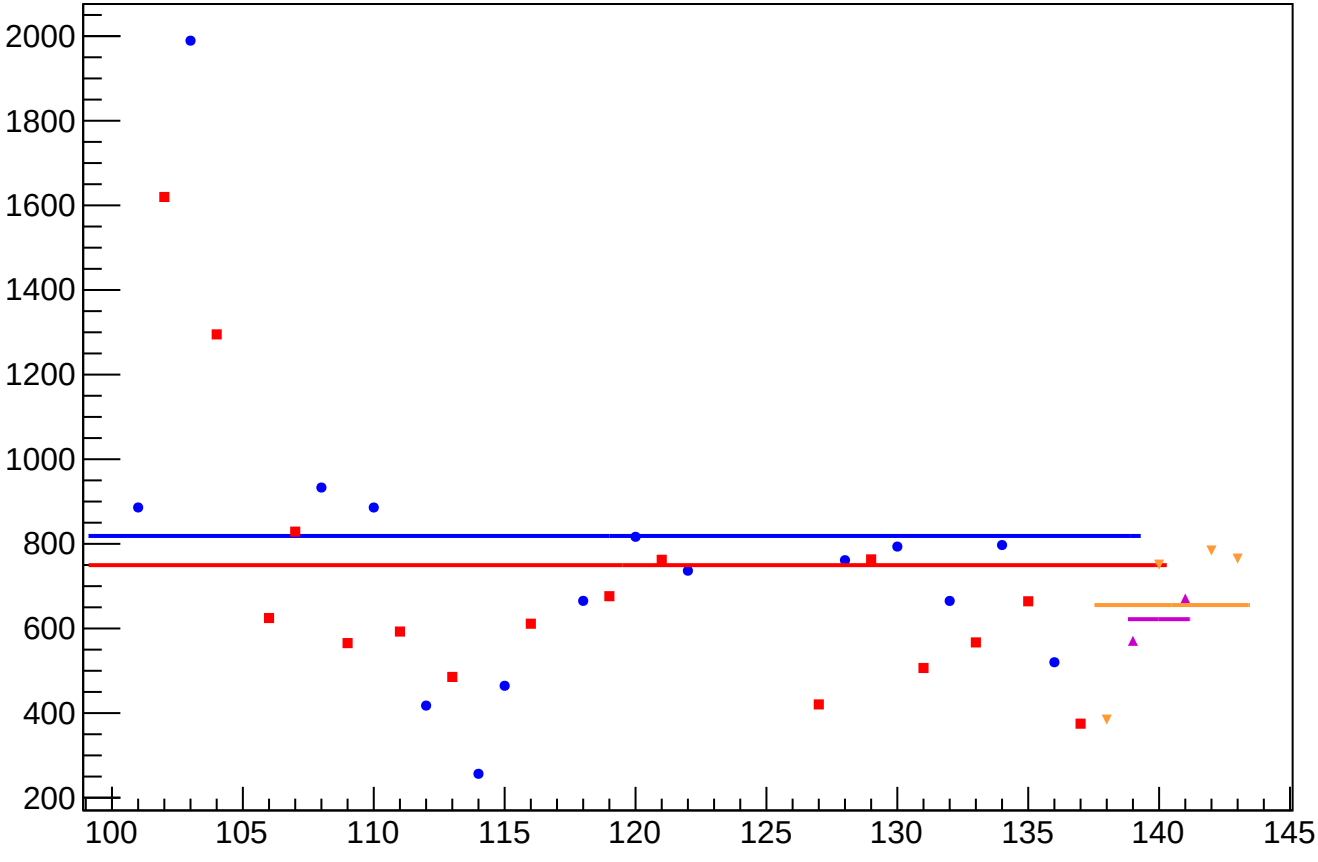
All: 23682.263+/-0.000 χ^2/NDF: 693922501 3

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

- sign 24329.030+/-0.000 χ^2/NDF: 3024150628037

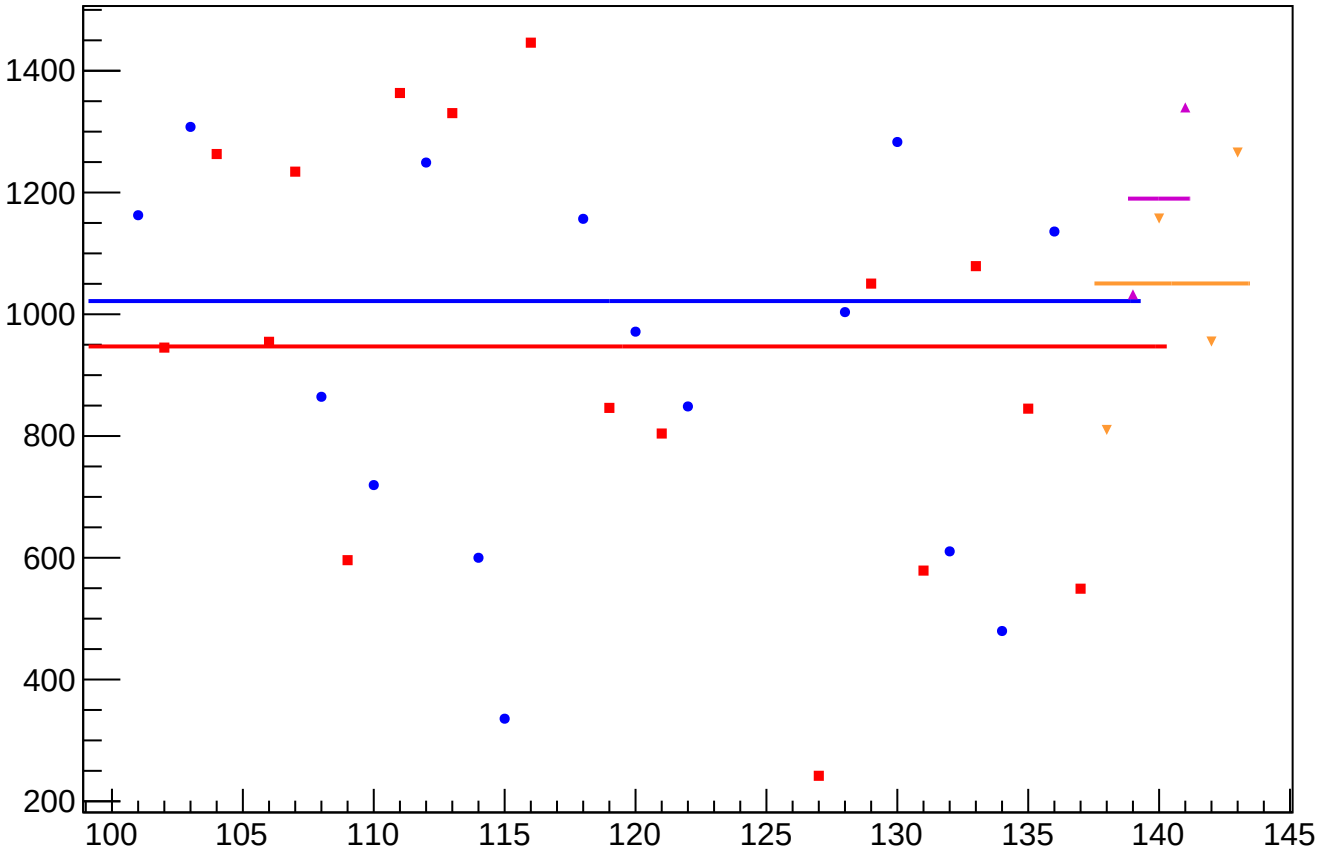
Left In: 19216.600+/-0.000 χ^2/NDF:463213065865079451613861594199918379008.0/1

dit_usr_coil7_err_mean vs Slug



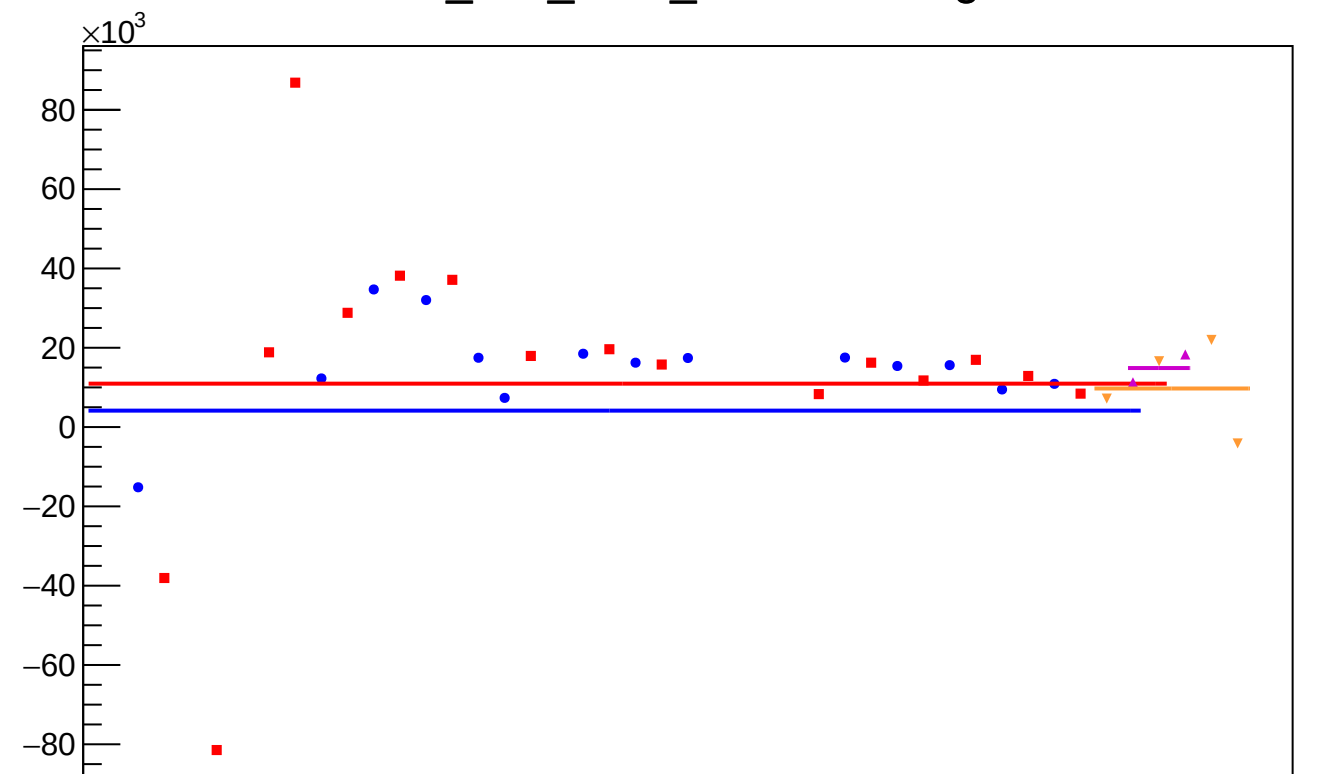
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
+ sign 770.304+/-0.000 χ^2/NDF: 11877009308993 6
Left Out: 655.329+/-0.000 χ^2/NDF:8036674160010598780318375042869100544.0/3
All: 748.430+/-0.000 χ^2/NDF: 20025232485 8
Right Out: 749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15
- sign 724.219+/-0.000 χ^2/NDF: 805527962073068
Left In: 621.990+/-0.000 χ^2/NDF:4134995869422209911227714058856693 76.0/1

dit_usr_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2
Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_atl1_coil7_mean vs Slug



Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

Left Out: 9726.604+/-0.000 χ^2/NDF:2414228369055436829378537957993210917683 2.0/3

Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

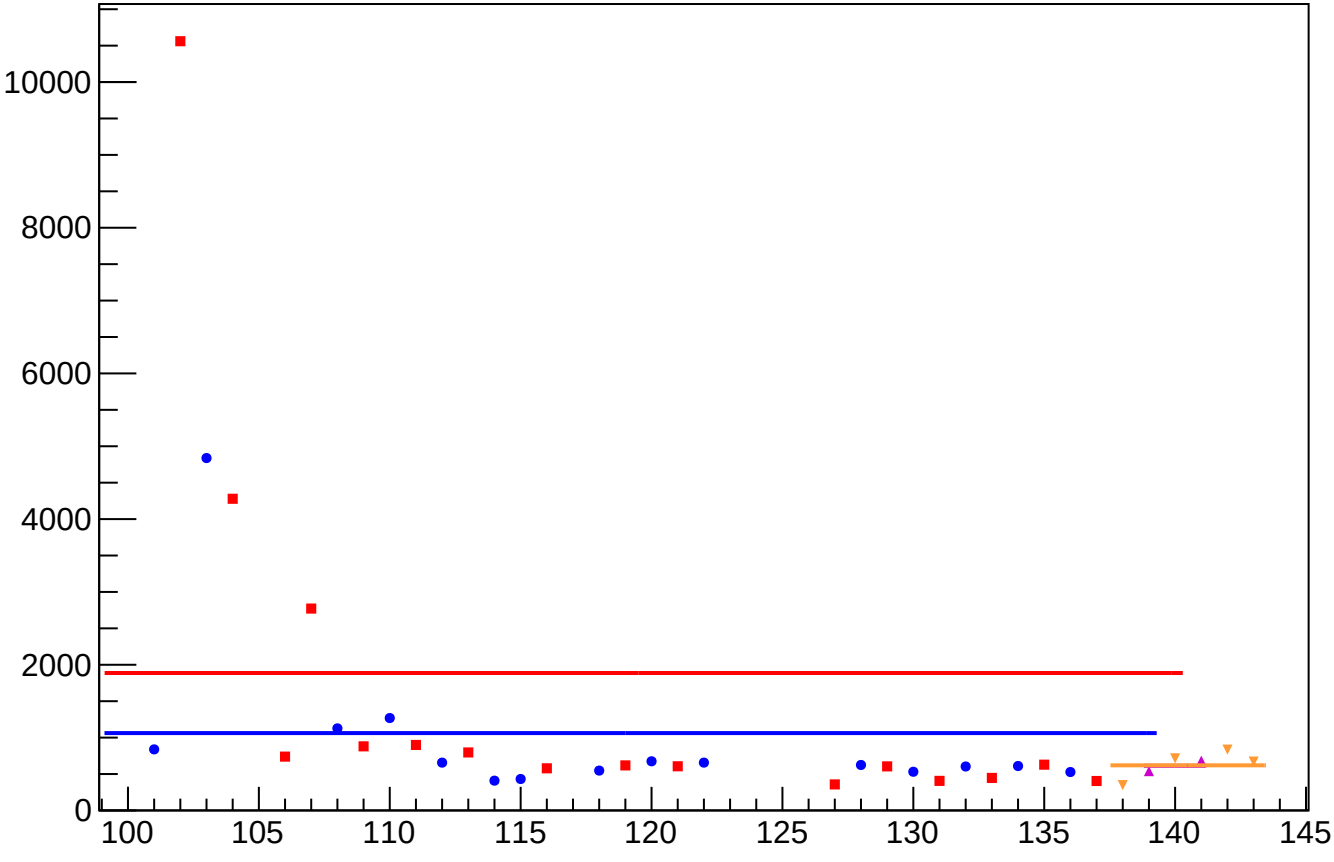
Left In: 14885.532+/-0.000 χ^2/NDF:2044491293921523554069642538928452927488.0/1

+ sign 5797.876+/-0.000 χ^2/NDF: 7938225031180 5

All: 8614.818+/-0.000 χ^2/NDF: 1687291513 8

- sign 11732.729+/-0.000 χ^2/NDF: 8780548890790

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

+ sign 931.073+/-0.000 χ^2/NDF: 999316627617046

Left Out: 619.489+/-0.000 χ^2/NDF:885726652223606966752010633127919616 0.0/3

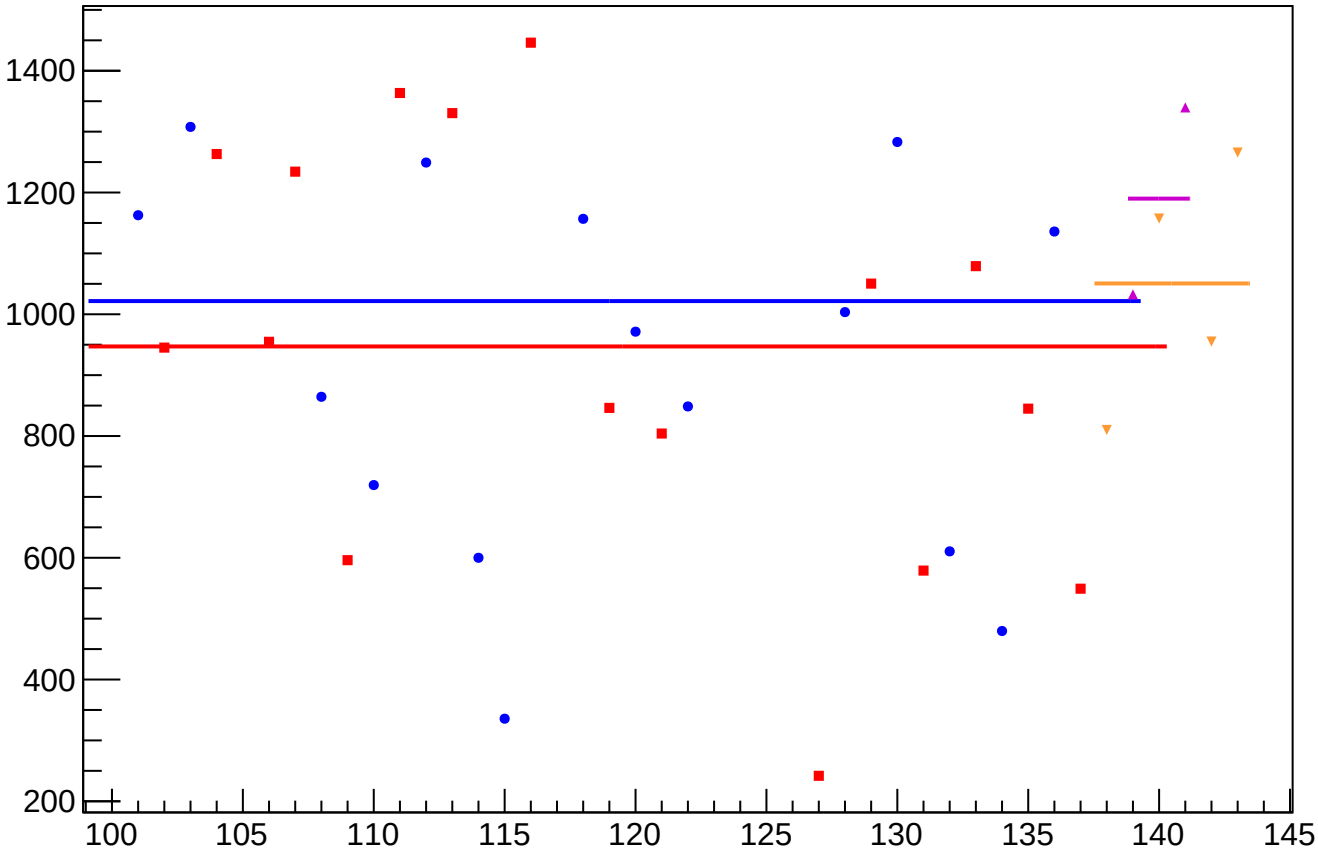
All: 1264.348+/-0.000 χ^2/NDF: 6957474700 9

Right Out: 1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

- sign 1633.231+/-0.000 χ^2/NDF: 57423993045886

Left In: 613.260+/-0.000 χ^2/NDF:850136083774580265107336392475672576.0/1

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

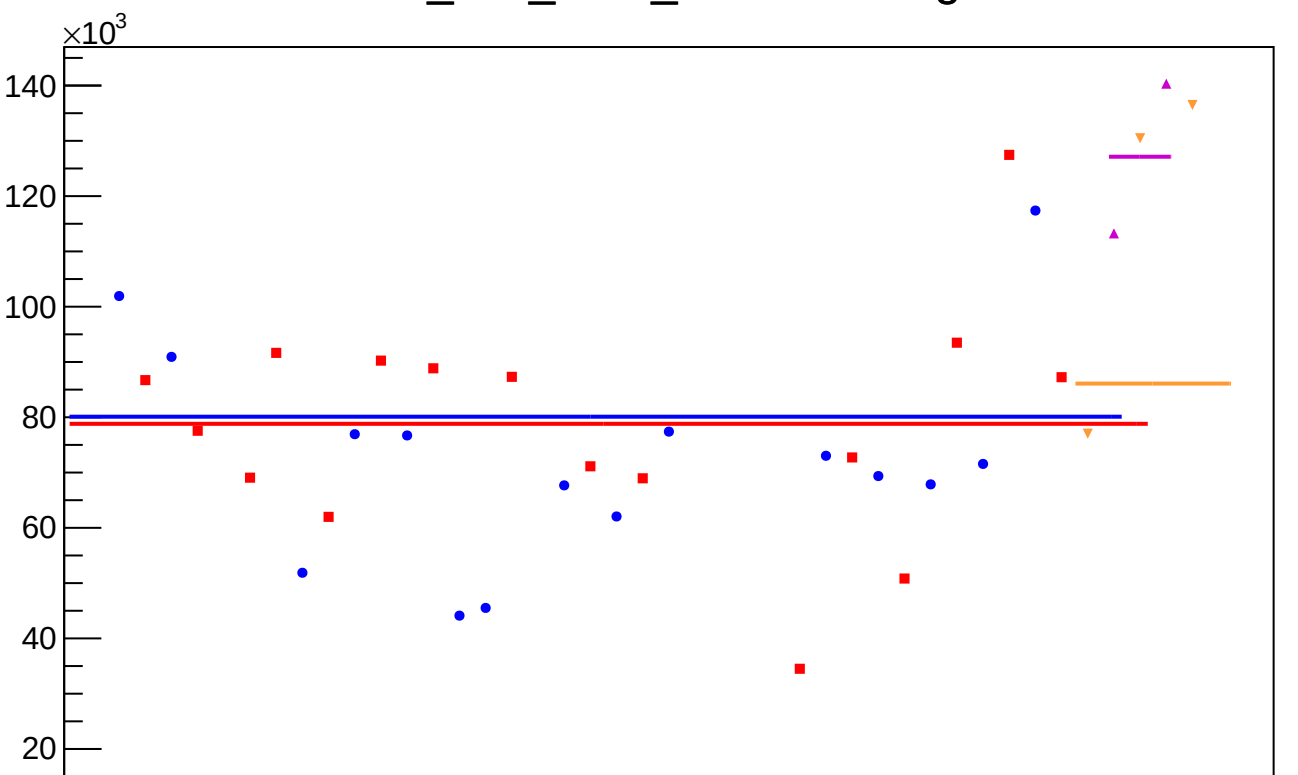
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 995.537+/-0.000 χ^2/NDF: 795333477078456

Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

+ sign 81876.383+/-0.000 χ^2/NDF: 9575491156185

Left Out: 86093.406+/-0.000 χ^2/NDF:69613032228982255988438841960864887603 2000.0/3

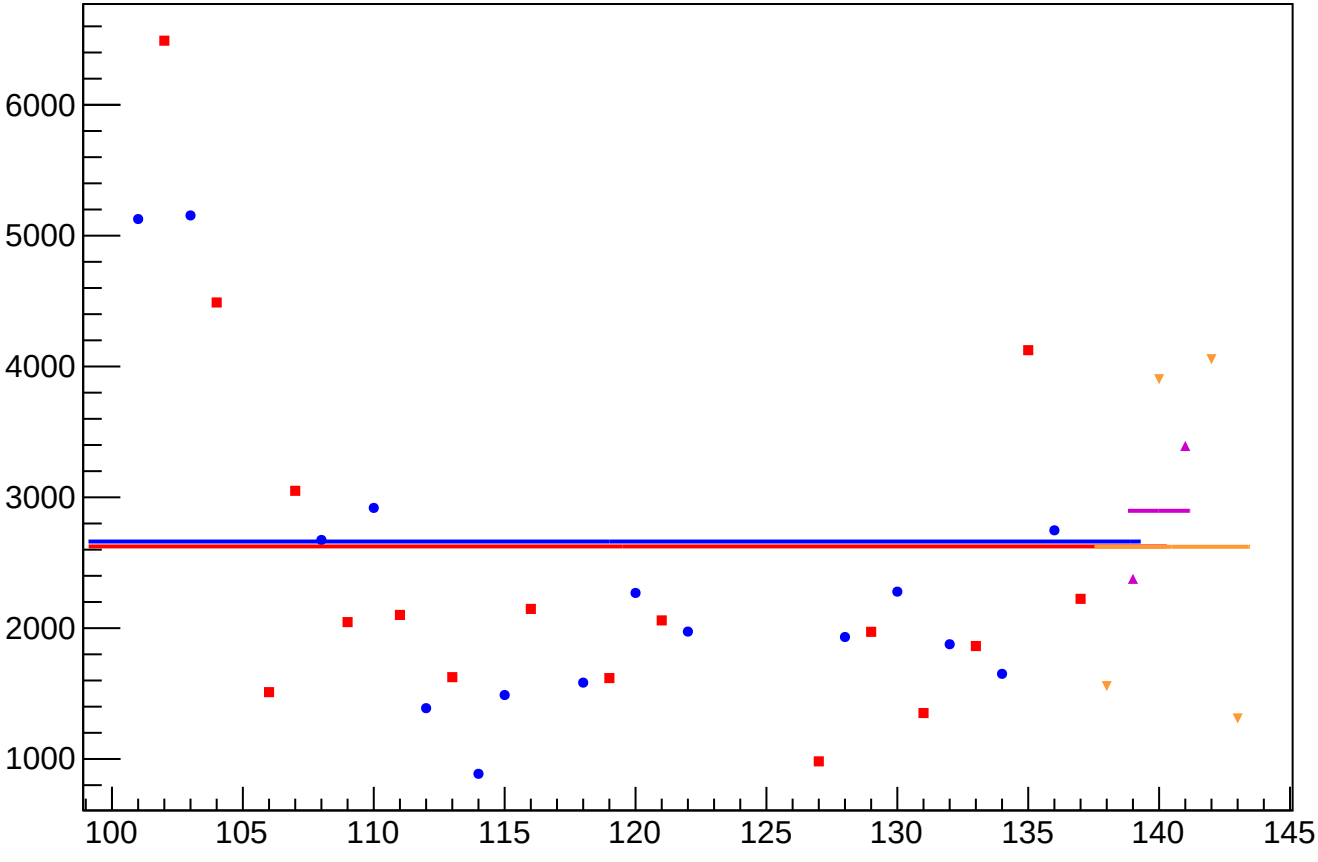
All: 84993.305+/-0.000 χ^2/NDF: 1603142494

Right Out: 78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854 72000.0/15

- sign 88443.247+/-0.000 χ^2/NDF: 6267215112070

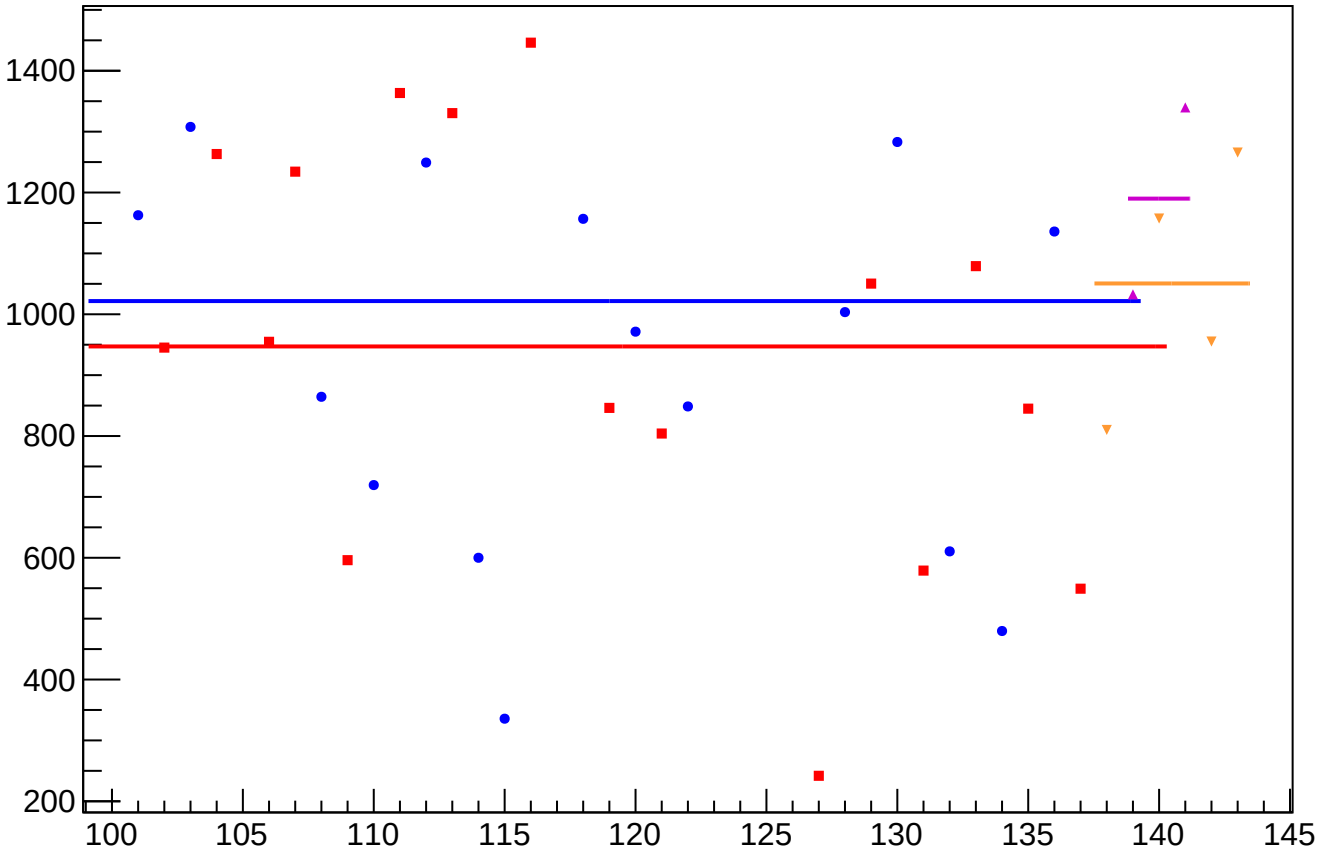
Left In: 127126.895+/-0.000 χ^2/NDF:3041579638143834885700989303916586441 1136.0/1

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14
+ sign 2650.284+/-0.000 χ^2/NDF: 14646324264213
Left Out: 2621.997+/-0.000 χ^2/NDF:43293286652814647745699972361691437 4656.0/3
All: 2663.902+/-0.000 χ^2/NDF: 3084344012 4
Right Out: 2624.696+/-0.000 χ^2/NDF: 15667052168665347135909348356604066 52928.0/15
- sign 2678.974+/-0.000 χ^2/NDF: 16193513873305
Left In: 2897.065+/-0.000 χ^2/NDF:42785541100060796561946357622378594304.0/1

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

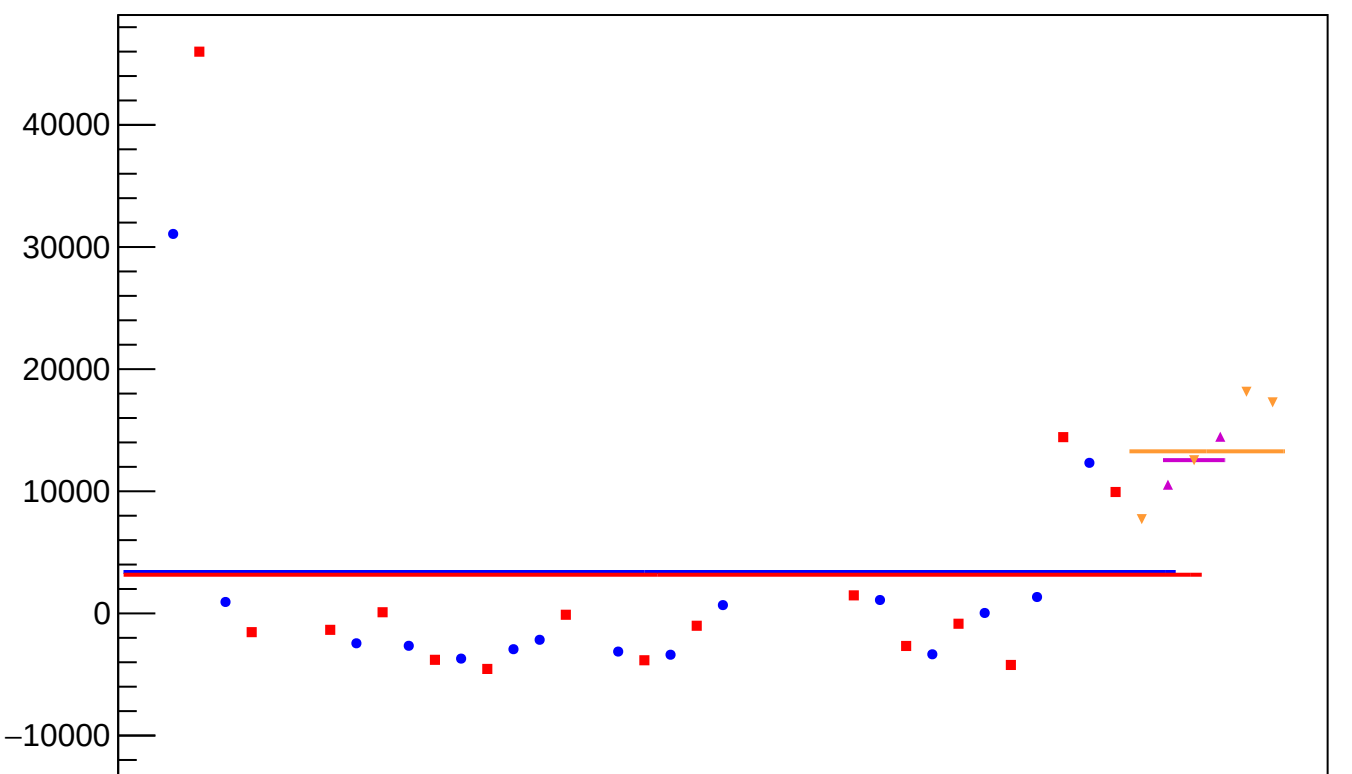
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 995.537+/-0.000 χ^2/NDF: 795333477078456

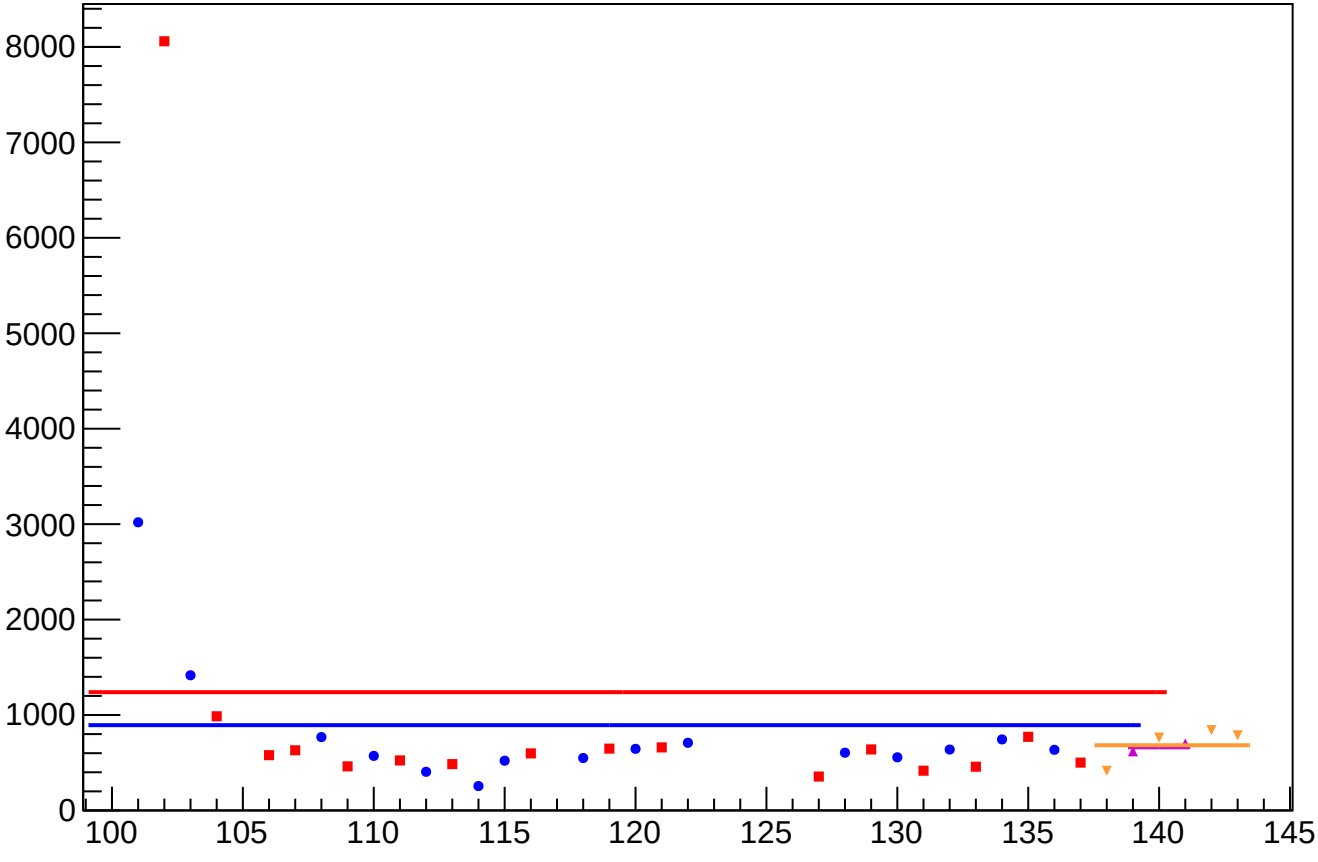
Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_atr1_coil7_mean vs Slug



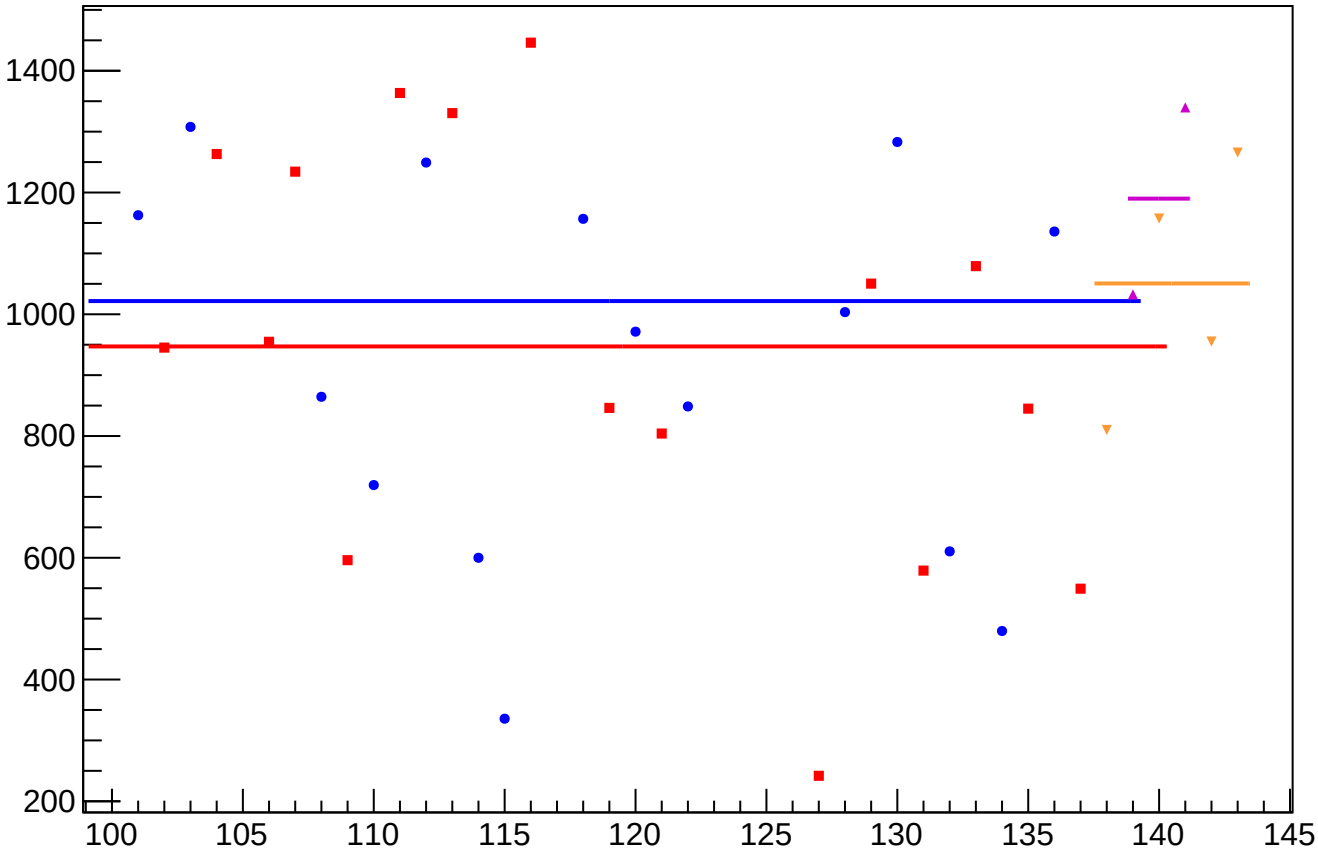
Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14
+ sign 6316.209+/-0.000 χ^2/NDF: 8925396137528 0
Left Out: 13271.348+/-0.000 χ^2/NDF:46208424863499045887053421507114245816 32.0/3
All: 5709.197+/-0.000 χ^2/NDF: 2400667438 5
Right Out: 3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15
- sign 5037.331+/-0.000 χ^2/NDF: 15009703903328
Left In: 12550.865+/-0.000 χ^2/NDF:63965041763302292172907434416014570291 2.0/1

dit_atr1_coil7_err_mean vs Slug



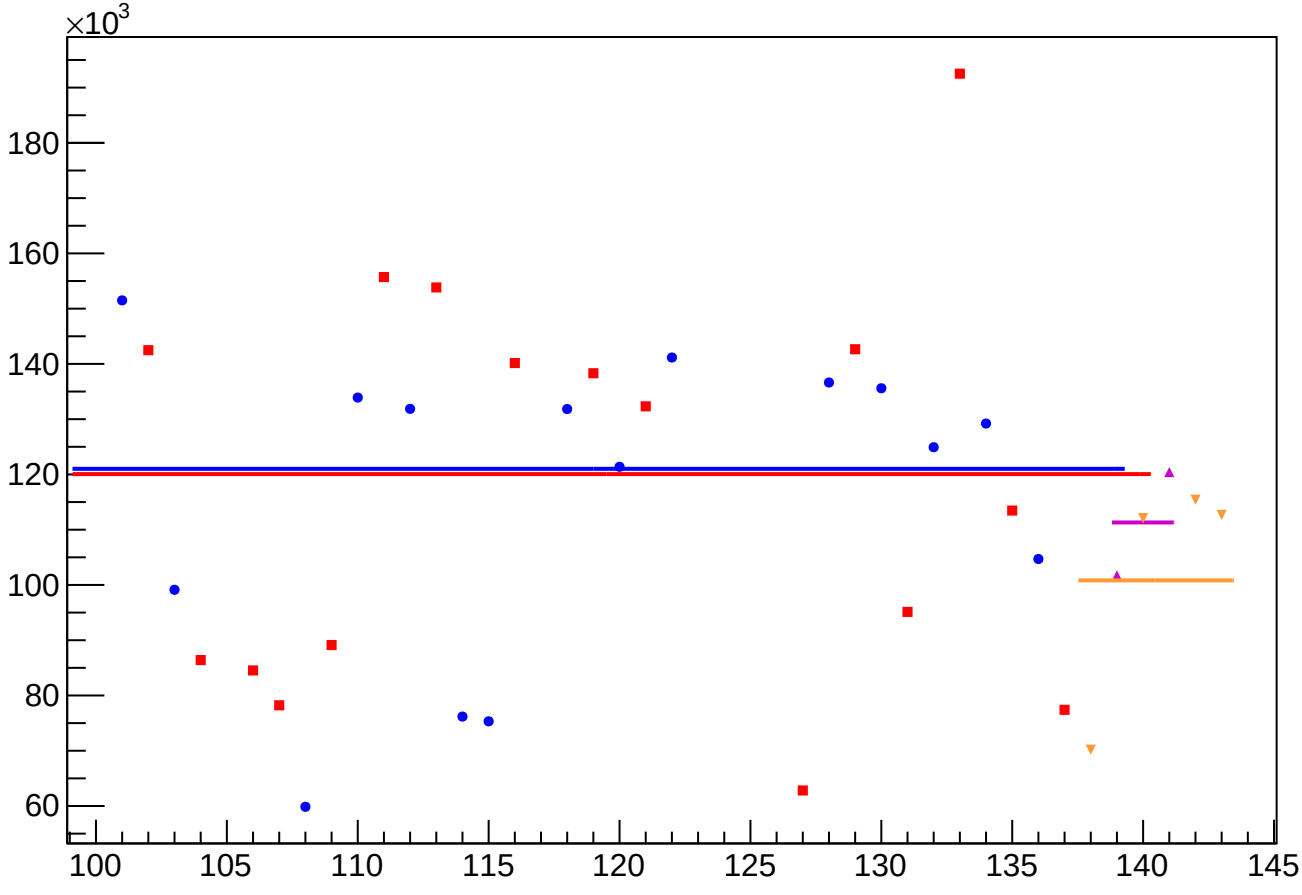
Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14
+ sign 831.312+/-0.000 χ^2/NDF: 351095263756215
Left Out: 683.039+/-0.000 χ^2/NDF:7985056793554891495760411111039434752.0/3
All: 970.338+/-0.000 χ^2/NDF: 340423791397
Right Out: 1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
- sign 1124.218+/-0.000 χ^2/NDF: 30155973360640
Left In: 661.818+/-0.000 χ^2/NDF:279978073784022970720437800898920448.0/1

dit_atr1_coil7_Ndata_mean vs Slug



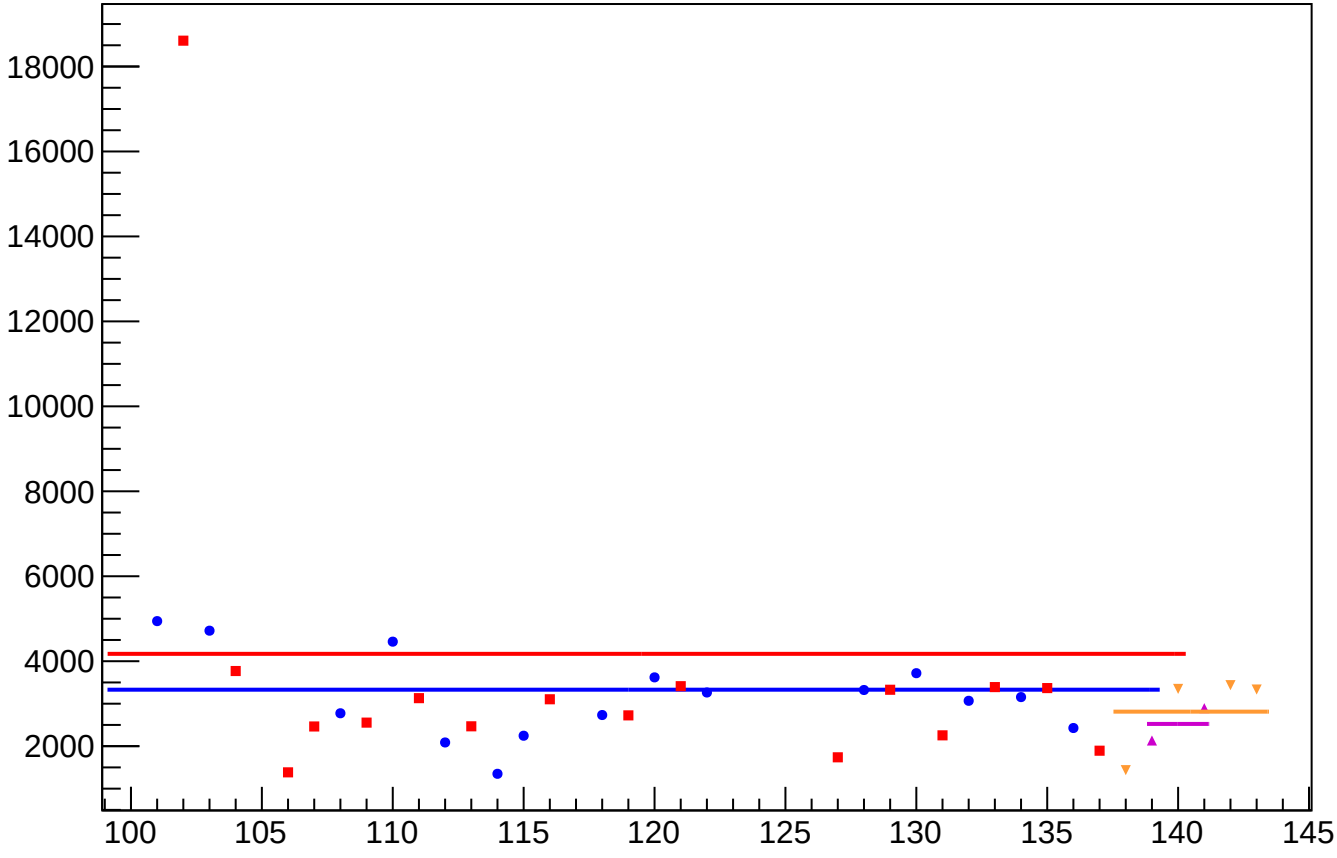
Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2
Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_atr2_coil7_mean vs Slug



Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
+ sign 115038.562+/-0.000 χ^2/NDF: 53993342840 9
Left Out: 100827.316+/-0.000 χ^2/NDF:10289226996542246710538367187296919014 6048.0/3
All: 116594.501+/-0.000 χ^2/NDF: 13977288 8
Right Out: 120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
- sign 118316.682+/-0.000 χ^2/NDF: 853092739703
Left Out: 111309.118+/-0.000 χ^2/NDF:1449263866600801051631286998081543864 3200.0/1

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

+ sign 3176.482+/-0.000 χ^2/NDF: 8258939103961

Left Out: 2812.743+/-0.000 χ^2/NDF:2075460646805960965523439311735121510 40.0/3

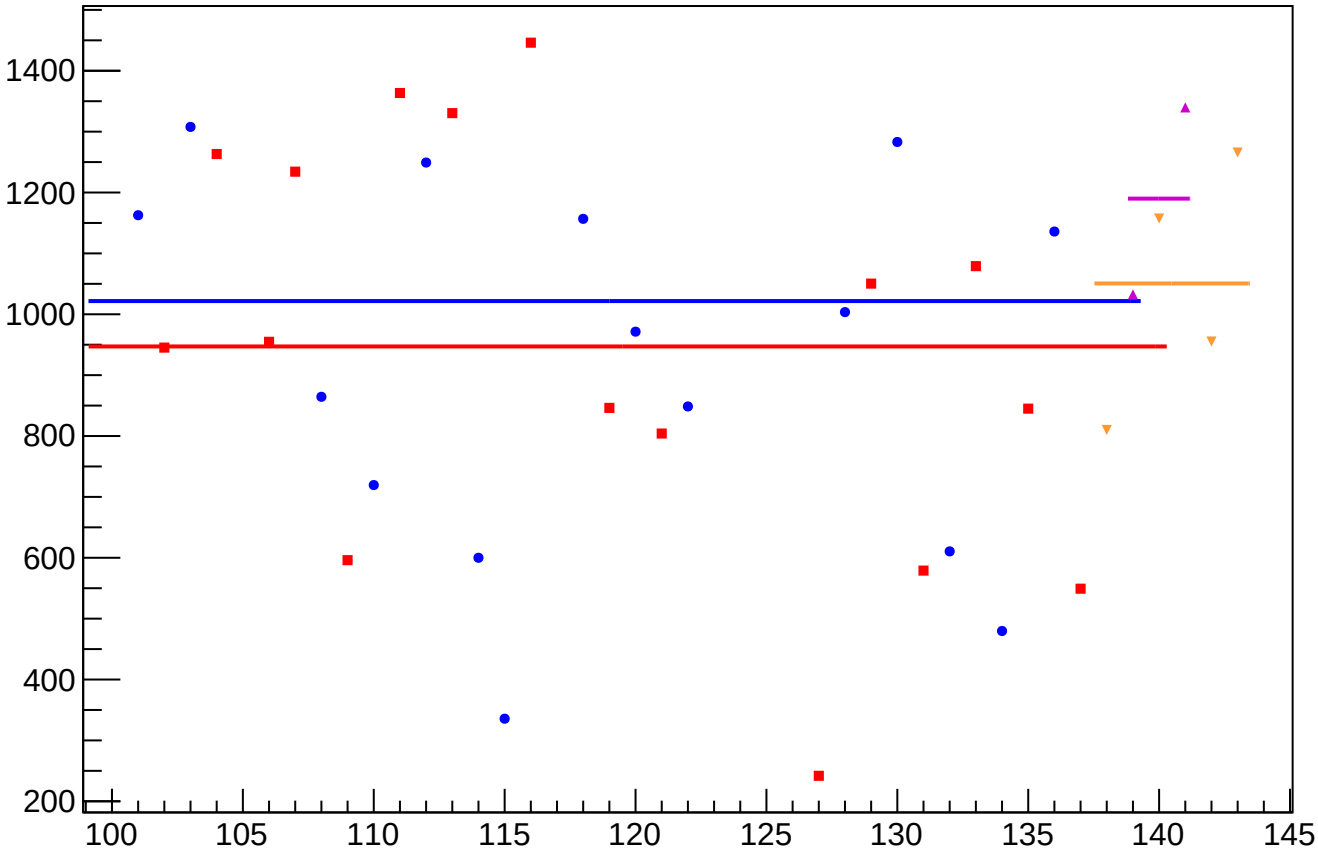
All: 3493.615+/-0.000 χ^2/NDF: 1490540529

Right Out: 4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810 6240.0/15

- sign 3844.632+/-0.000 χ^2/NDF: 13884146580221

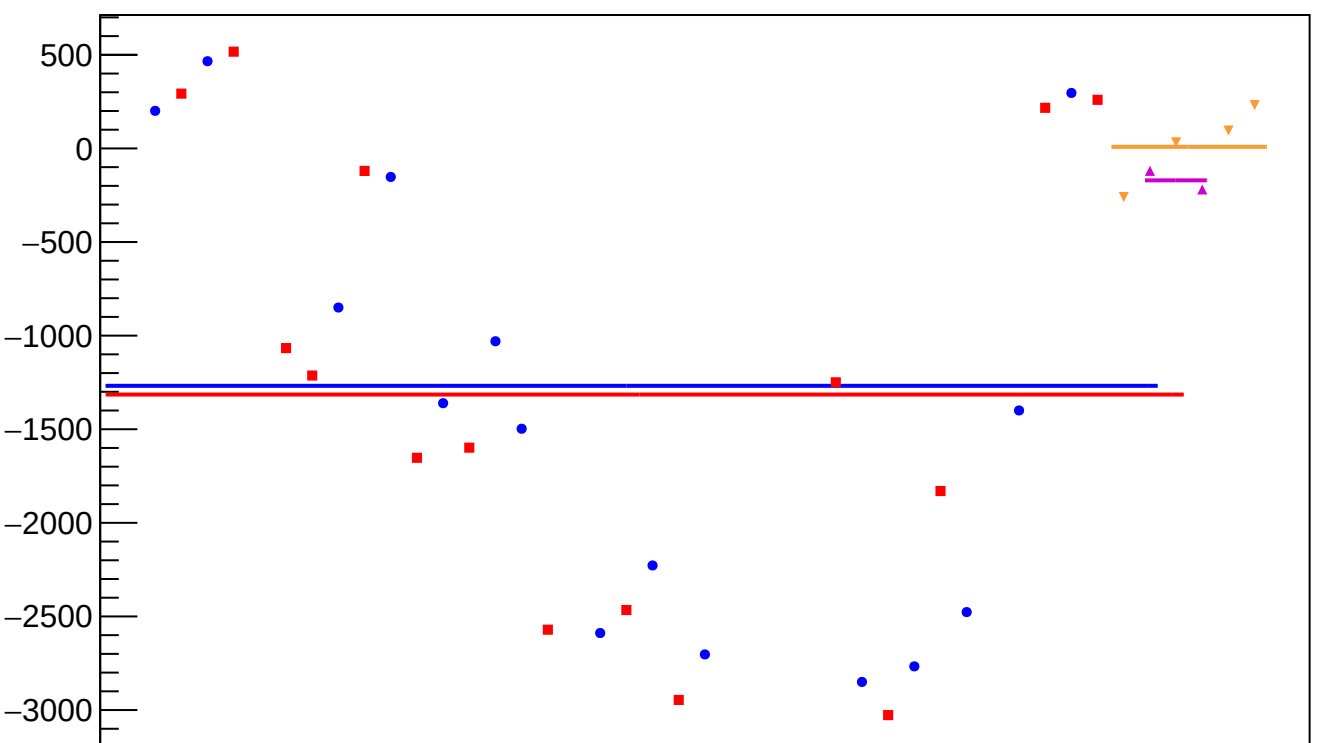
Left In: 2523.481+/-0.000 χ^2/NDF:2404728348584918935376014234562959769 6.0/1

dit_atr2_coil7_Ndata_mean vs Slug



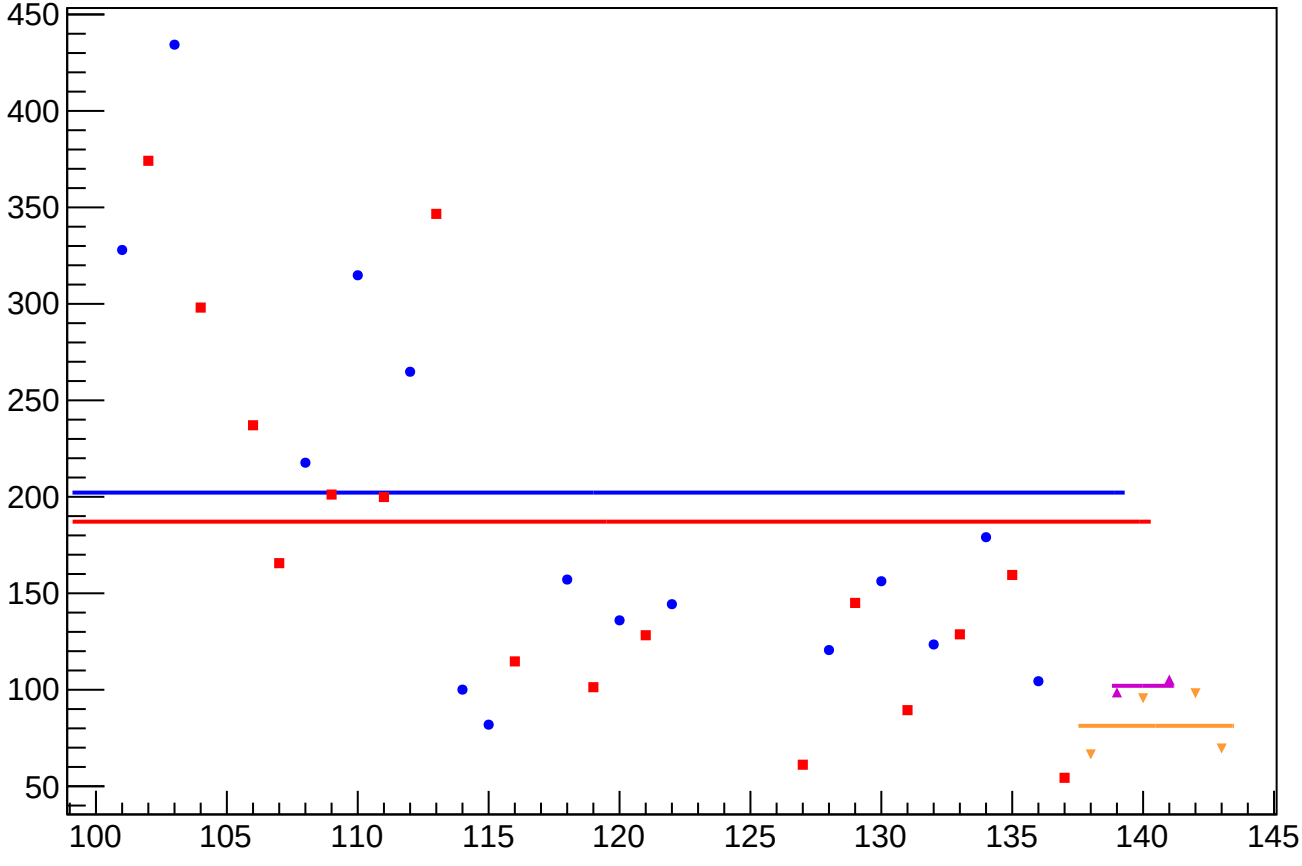
Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2
Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14
+ sign -890.085+/-0.000 χ^2/NDF: 14147503828381
Left Out: 8.471+/-0.000 χ^2/NDF:93290946443747318234305166633462661 12.0/3
All: -983.428+/-0.000 χ^2/NDF: 27045865547
Right Out: -1314.767+/-0.000 χ^2/NDF: 109847131386407901371460937965326093516 8.0/15
- sign -1086.743+/-0.000 χ^2/NDF: 1272911536380 5
Left In: -170.523+/-0.000 χ^2/NDF:40937875817714956368536873857554841 6.0/1

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

+ sign 166.402+/-0.000 χ^2/NDF: 989161502004361

Left Out: 81.320+/-0.000 χ^2/NDF:5619813448167565239502153064015462 4.0/3

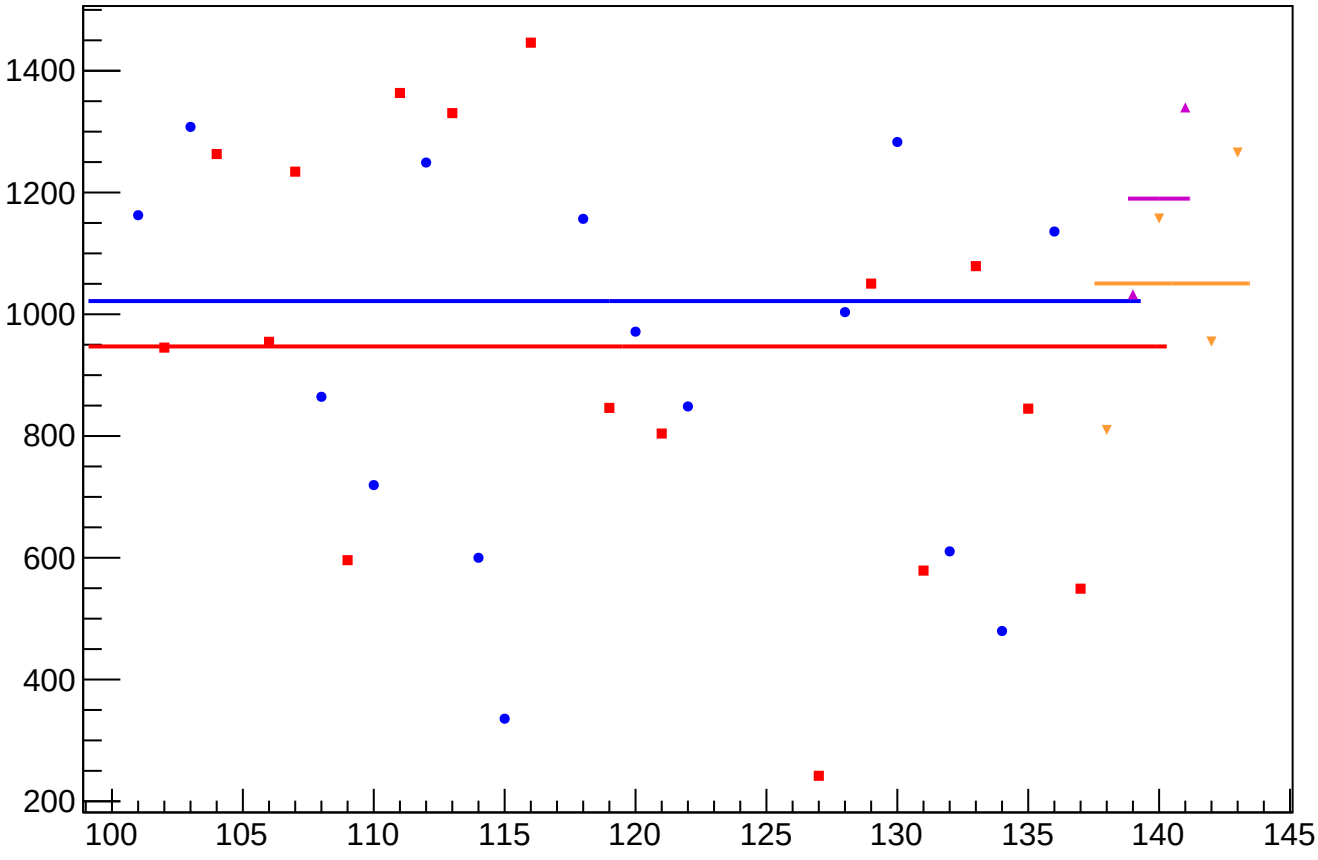
All: 168.192+/-0.000 χ^2/NDF: 17091590308 7

Right Out: 187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

- sign 170.173+/-0.000 χ^2/NDF: 719374949951897

Left In: 102.057+/-0.000 χ^2/NDF:18295267980303542293778078283857 92.0/1

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2

Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3

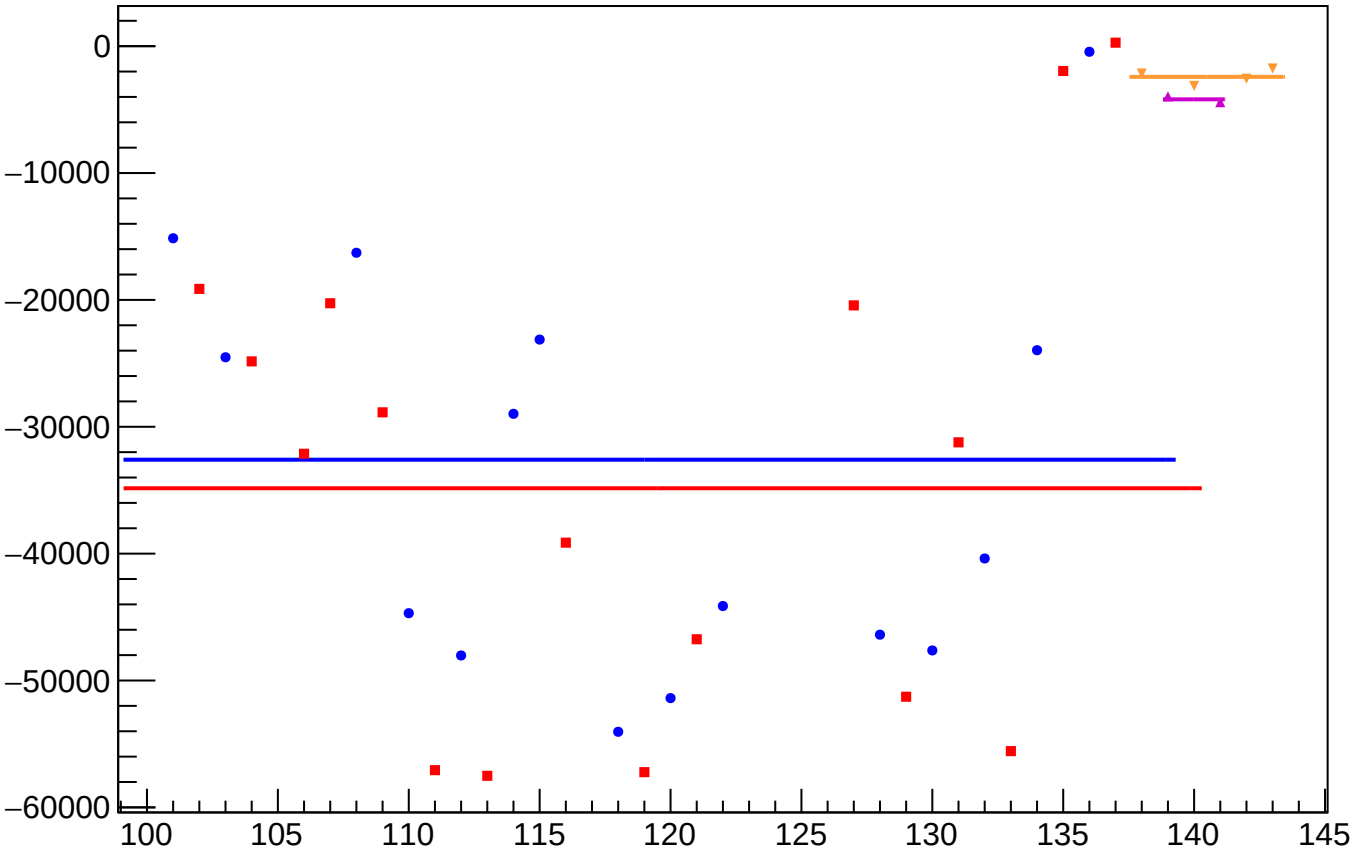
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15

- sign 995.537+/-0.000 χ^2/NDF: 795333477078456

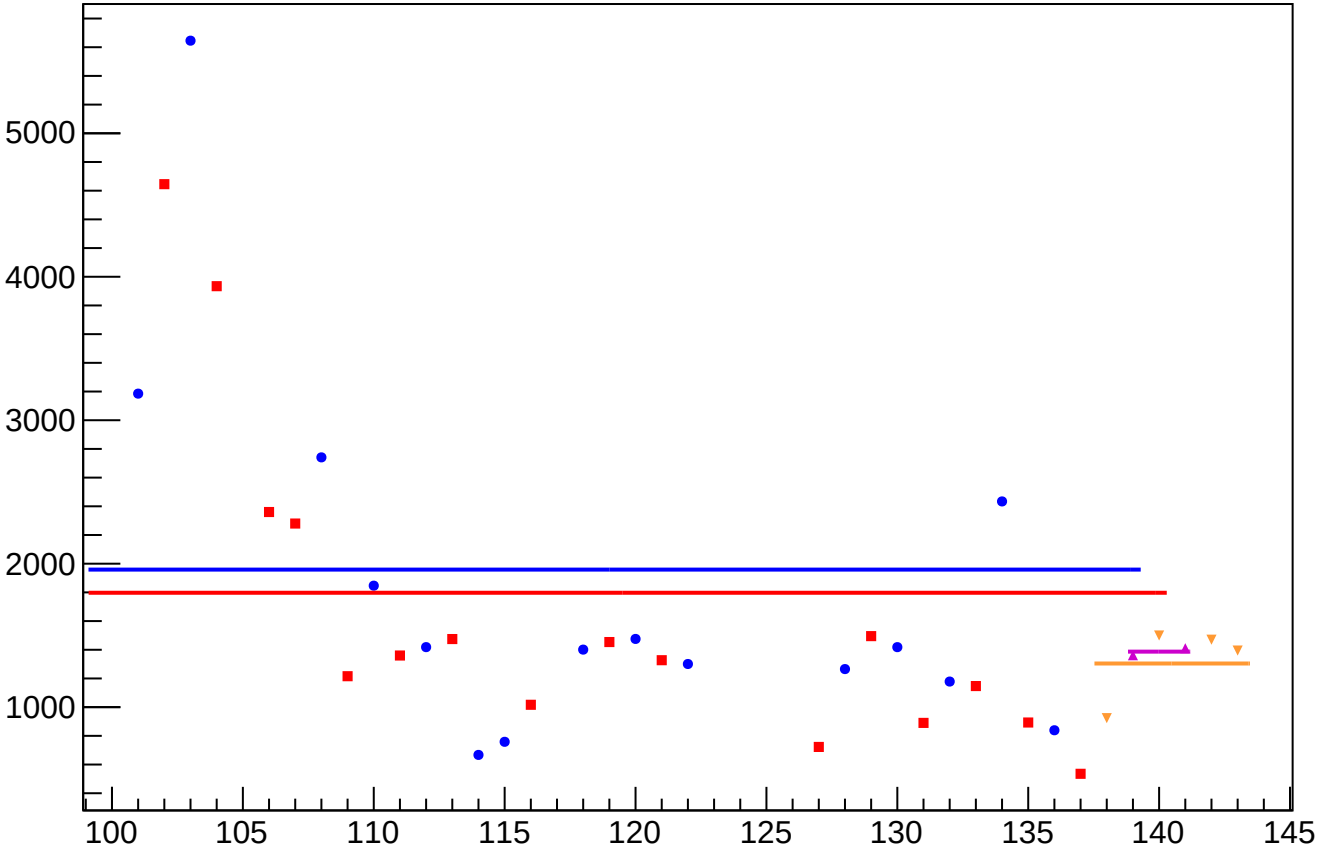
Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_sam2_coil7_mean vs Slug



Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
+ sign -23660.238+/-0.000 χ^2/NDF: 384202091409
Left Out: -2419.815+/-0.000 χ^2/NDF:7704792083239981880871448235409512857 6.0/3
All: -26070.697+/-0.000 χ^2/NDF: 741551033
Right Out: -34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
- sign -28738.695+/-0.000 χ^2/NDF: 346062363995 9
Left In: -4190.882+/-0.000 χ^2/NDF:8648761879054667895504206302474665984.0/1

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

+ sign 1765.014+/-0.000 χ^2/NDF: 12879157916742

Left Out: 1304.247+/-0.000 χ^2/NDF:1625258323993665924230922753787140505 6.0/3

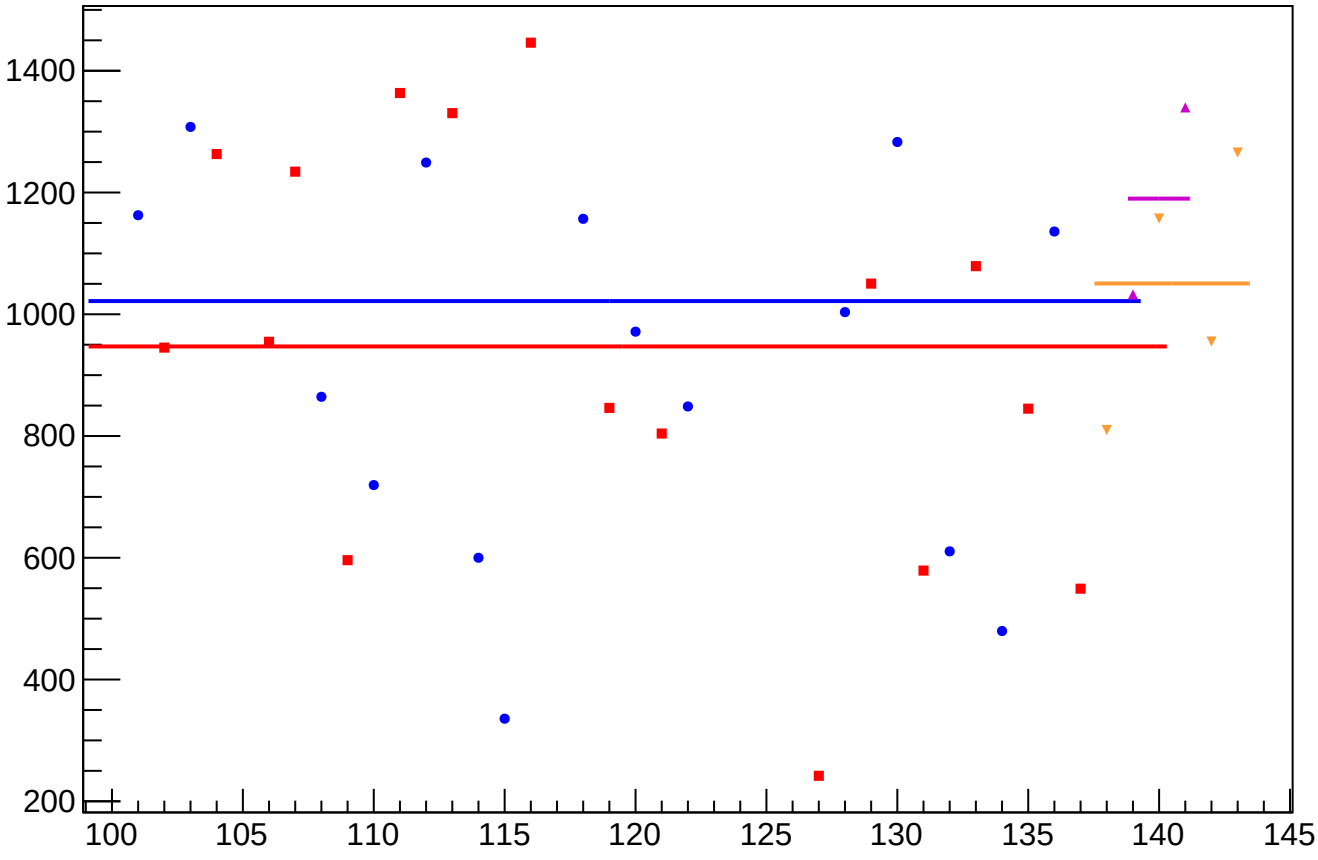
All: 1741.563+/-0.000 χ^2/NDF: 2266568419

Right Out: 1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

- sign 1715.606+/-0.000 χ^2/NDF: 97758430846352

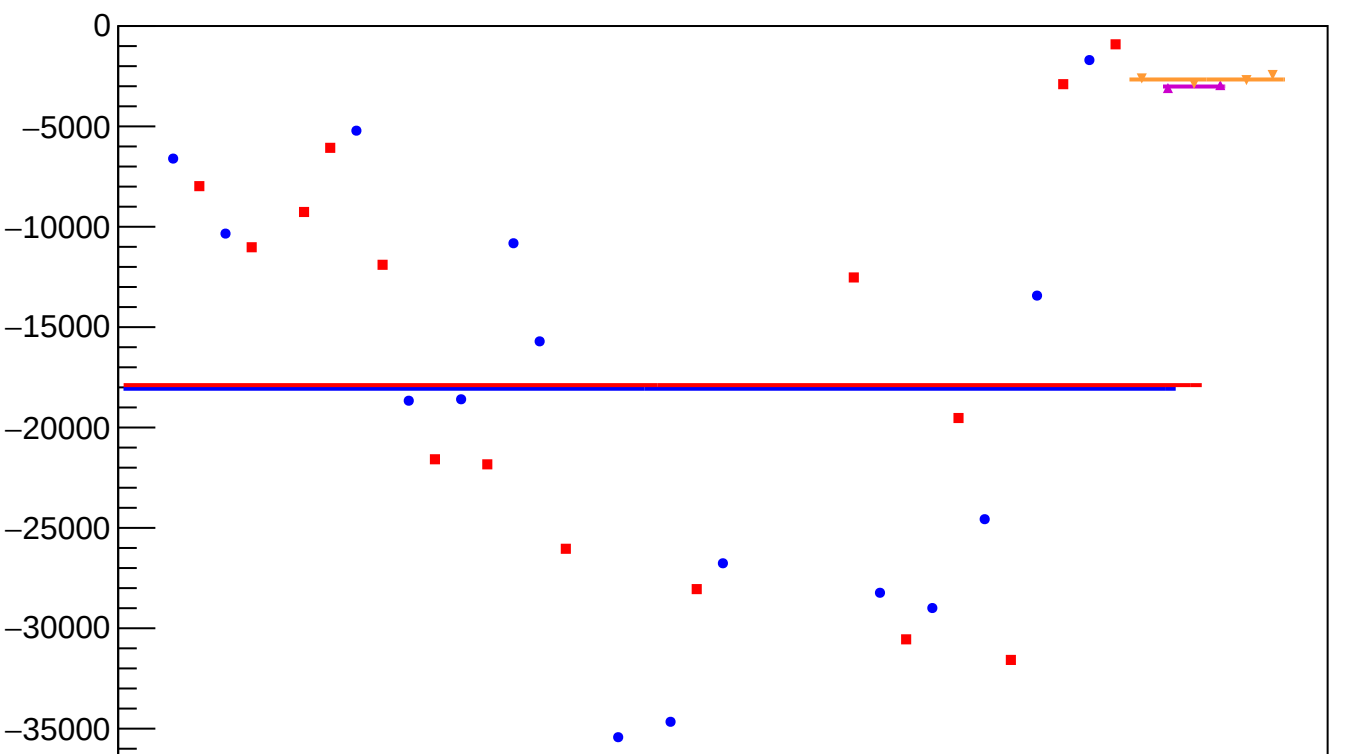
Left In: 1386.983+/-0.000 χ^2/NDF:9932153772976325769596541720959385 6.0/1

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2
Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left Out: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14

+ sign -13507.089+/-0.000 χ^2/NDF: 129925401176

Left Out: -2663.175+/-0.000 χ^2/NDF:735270131748316463290527666605444300 8.0/3

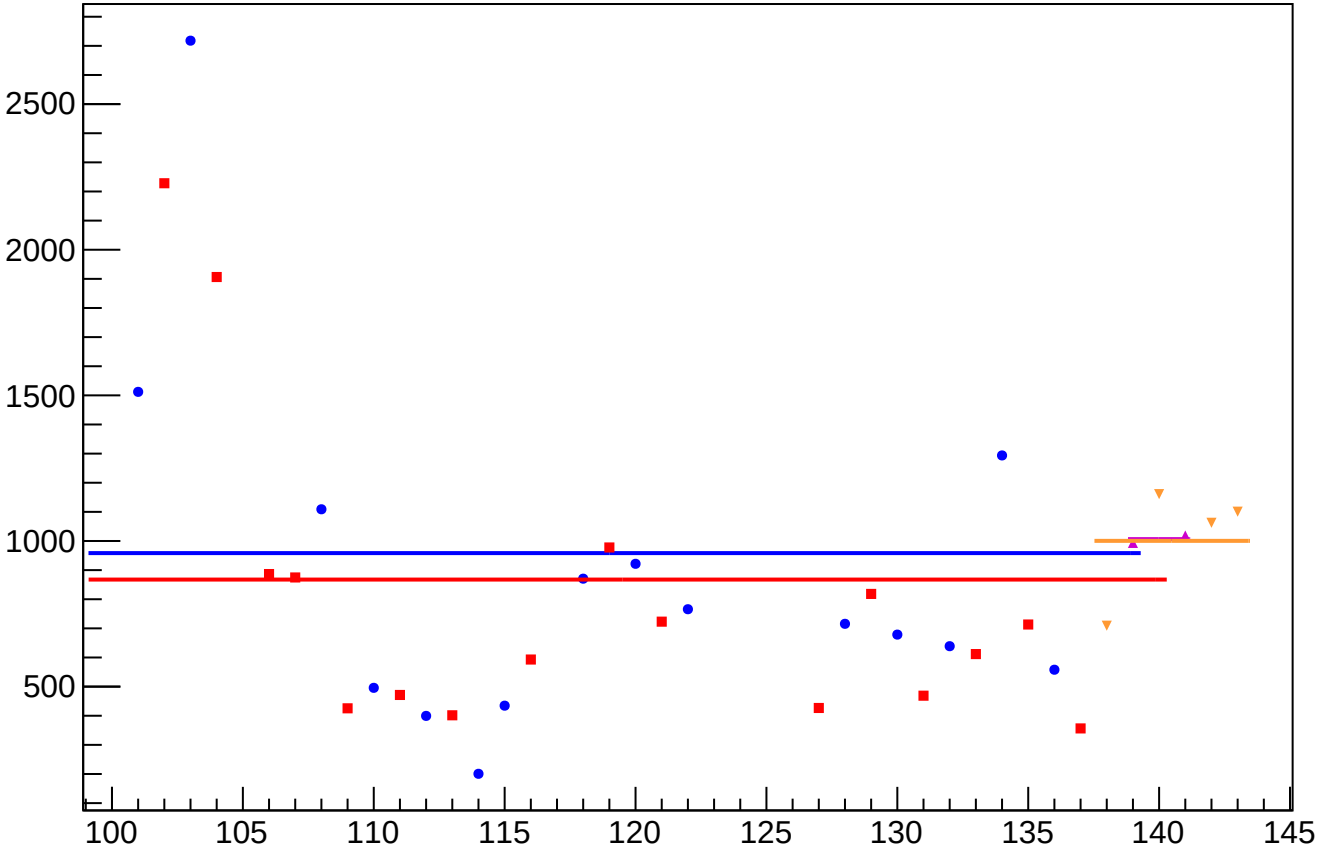
All: -14179.632+/-0.000 χ^2/NDF: 238618037

Right Out: -17888.149+/-0.000 χ^2/NDF: 784059156129142528698752310687953930158 08.0/15

- sign -14924.031+/-0.000 χ^2/NDF: 1078140122895

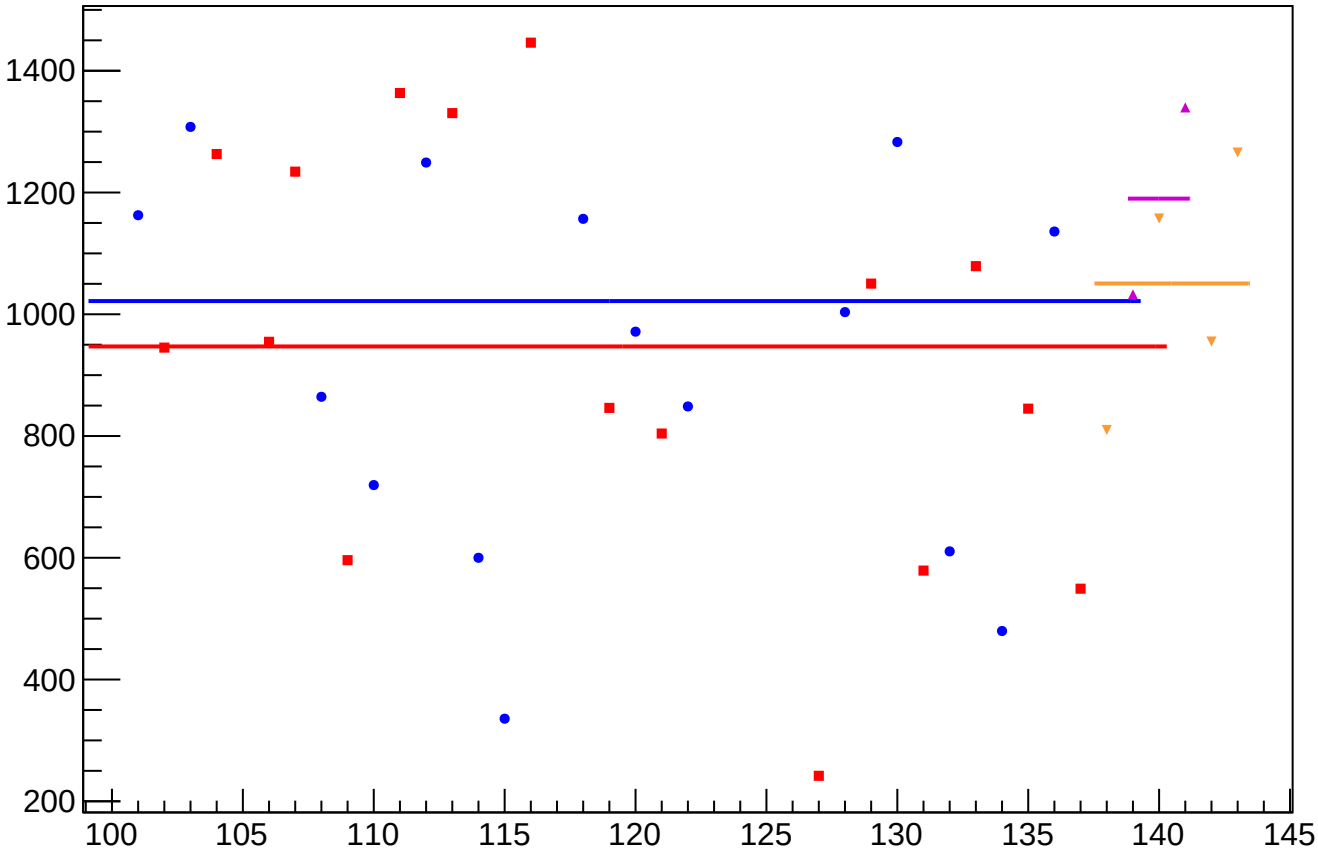
Left In: -3013.991+/-0.000 χ^2/NDF:895957856215526275595350991479767040.0/1

dit_sam3_coil7_err_mean vs Slug



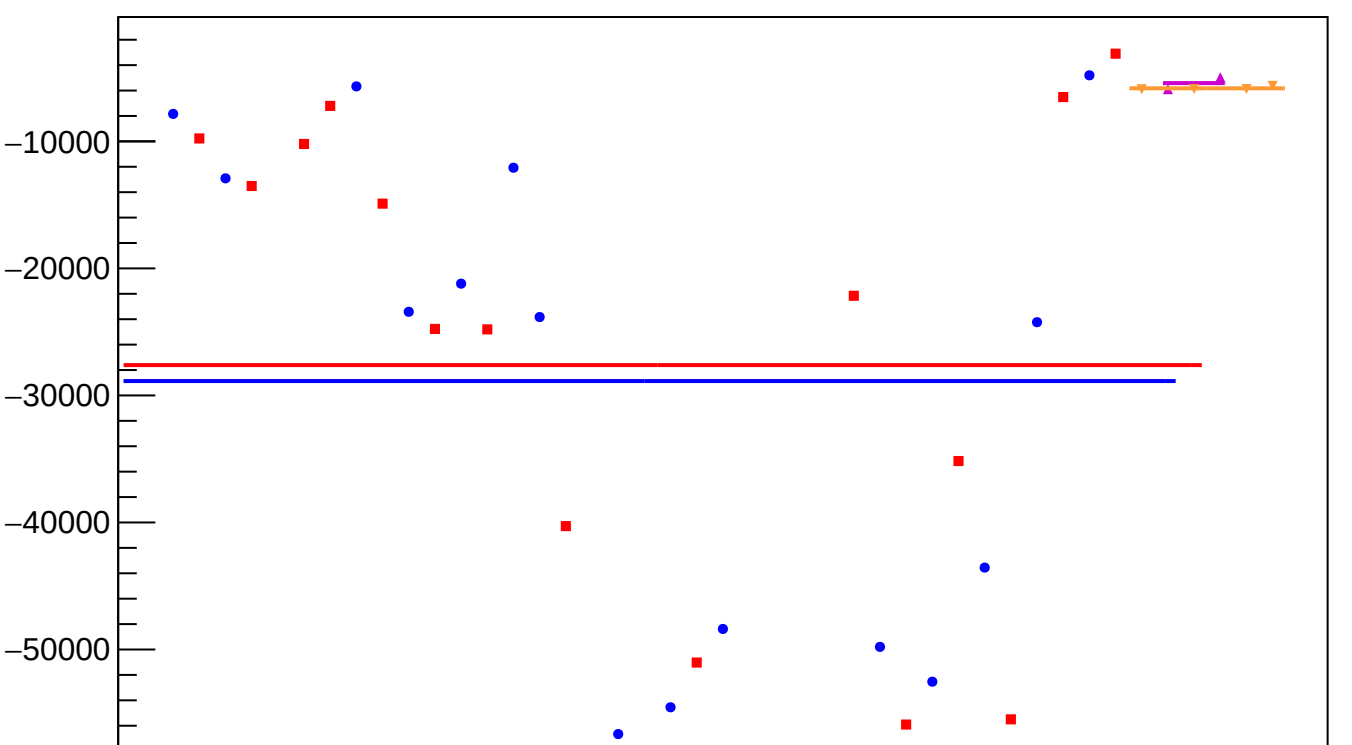
Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14
+ sign 970.863+/-0.000 χ^2/NDF: 27465166383202 7
Left Out: 1000.467+/-0.000 χ^2/NDF:9578666900922242118254882877465427968.0/3
All: 934.958+/-0.000 χ^2/NDF: 49587677310 4
Right Out: 867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881510 40.0/15
- sign 895.217+/-0.000 χ^2/NDF: 218720850777997
Left In: 1006.433+/-0.000 χ^2/NDF:2673006386792701930763059557354 7008.0/1

dit_sam3_coil7_Ndata_mean vs Slug



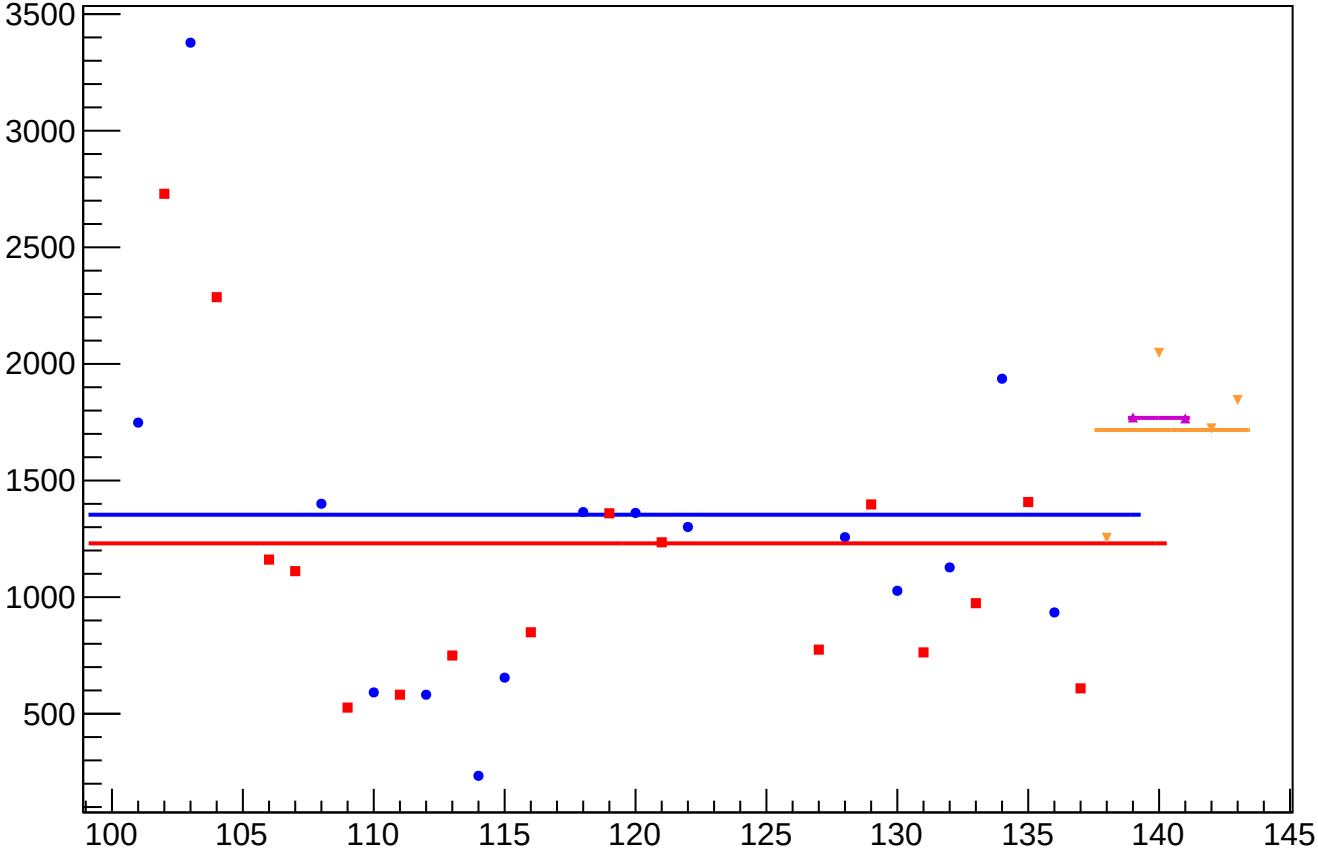
Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2
Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
+ sign -22045.308+/-0.000 χ^2/NDF: 363501849809
Left Out: -5824.311+/-0.000 χ^2/NDF:327423170879922781358362366737750425 6.0/3
All: -22587.424+/-0.000 χ^2/NDF: 677696501
Right Out: -27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
- sign -23187.461+/-0.000 χ^2/NDF: 313623768240
Left In: -5413.972+/-0.000 χ^2/NDF:361427976461325279519625696285305077 76.0/1

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

+ sign 1460.970+/-0.000 χ^2/NDF: 4049997581278 9

Left Out: 1716.663+/-0.000 χ^2/NDF:267553302217600402888714144794961510 40.0/3

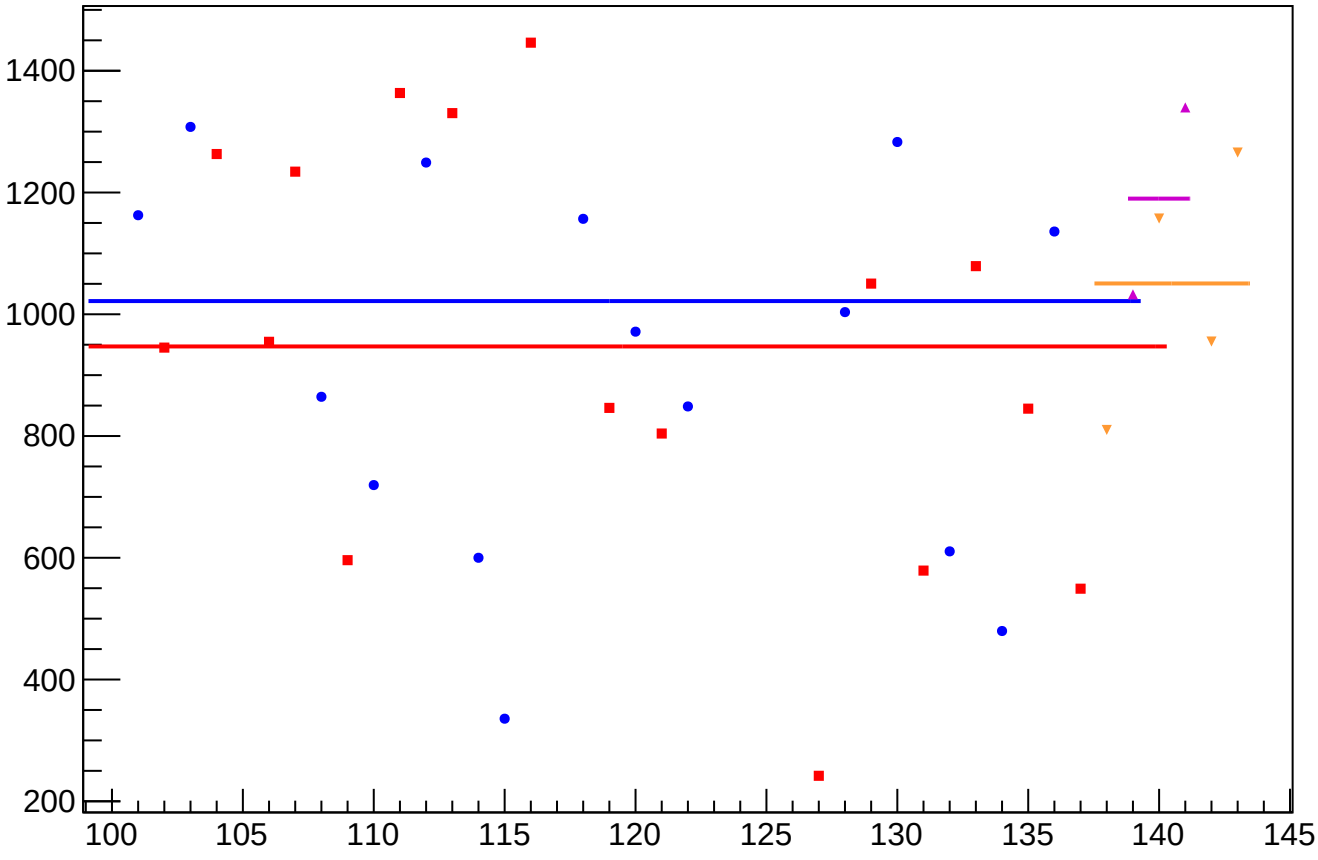
All: 1402.527+/-0.000 χ^2/NDF: 7270940469 4

Right Out: 1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

- sign 1337.841+/-0.000 χ^2/NDF: 3154595823735 2

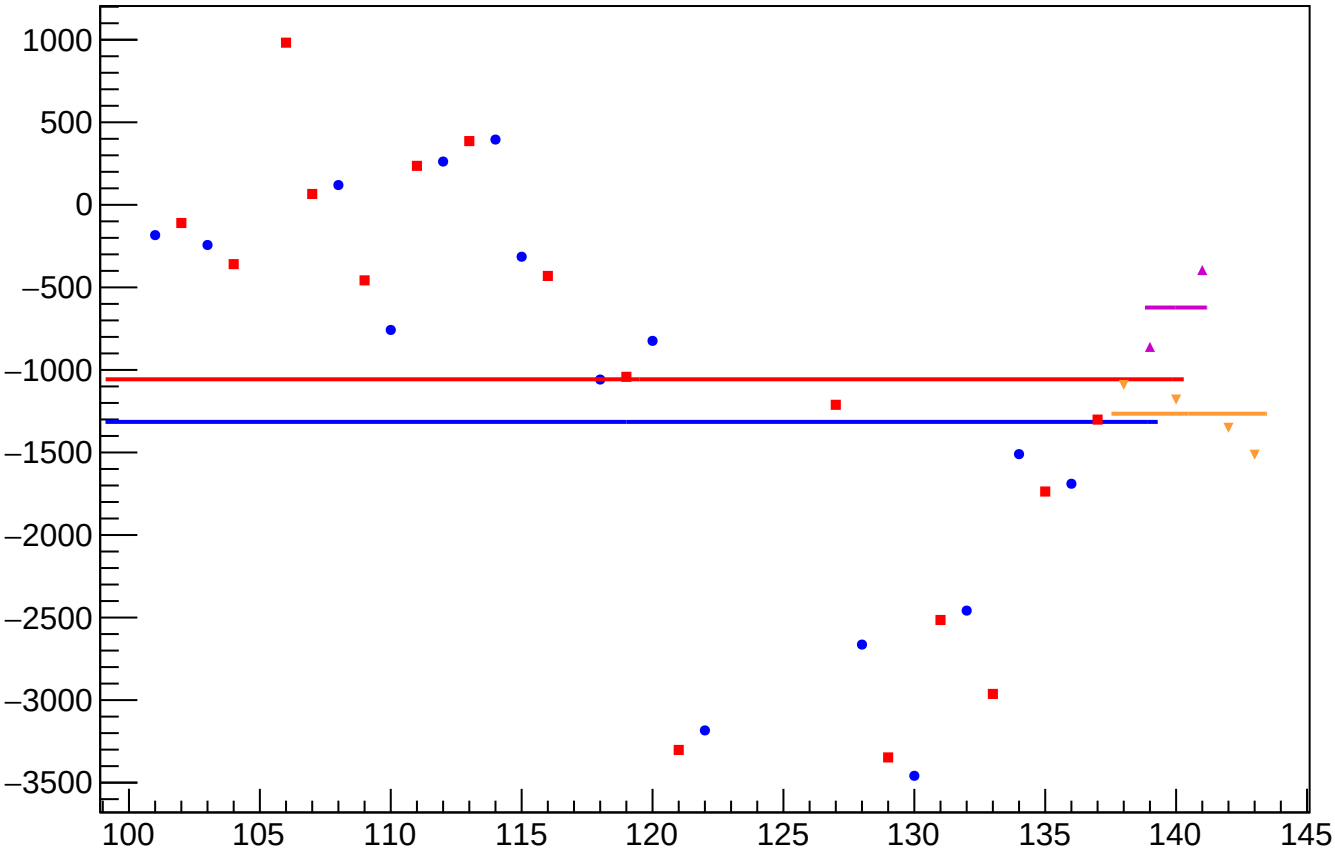
Left In: 1768.609+/-0.000 χ^2/NDF:741686981259396916198910038376448.0/1

dit_sam4_coil7_Ndata_mean vs Slug



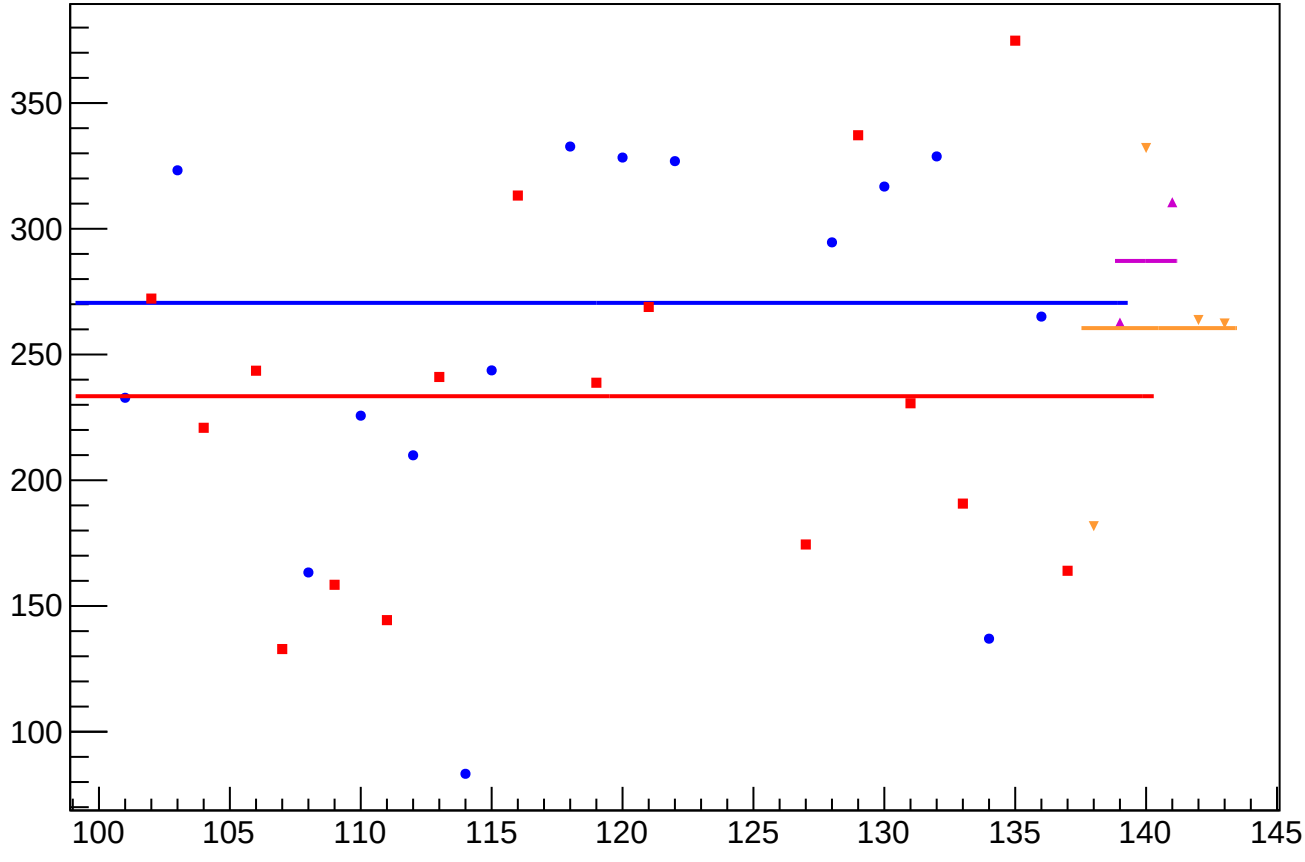
Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2
Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left Out: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14
+ sign -1300.081+/-0.000 χ^2/NDF: 9739969930032
Left Out: -1265.134+/-0.000 χ^2/NDF:7440958981570696337970301223374422016.0/3
All: -1143.474+/-0.000 χ^2/NDF: 2182889277
Right Out: -1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15
- sign -970.134+/-0.000 χ^2/NDF: 116125034663243
Left In: -622.041+/-0.000 χ^2/NDF:8988929562249793058473096060600320000.0/1

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Left Out: 260.500+/-0.000 χ^2/NDF:9053401457415542467272624826807746 56.0/3

Right Out: 233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

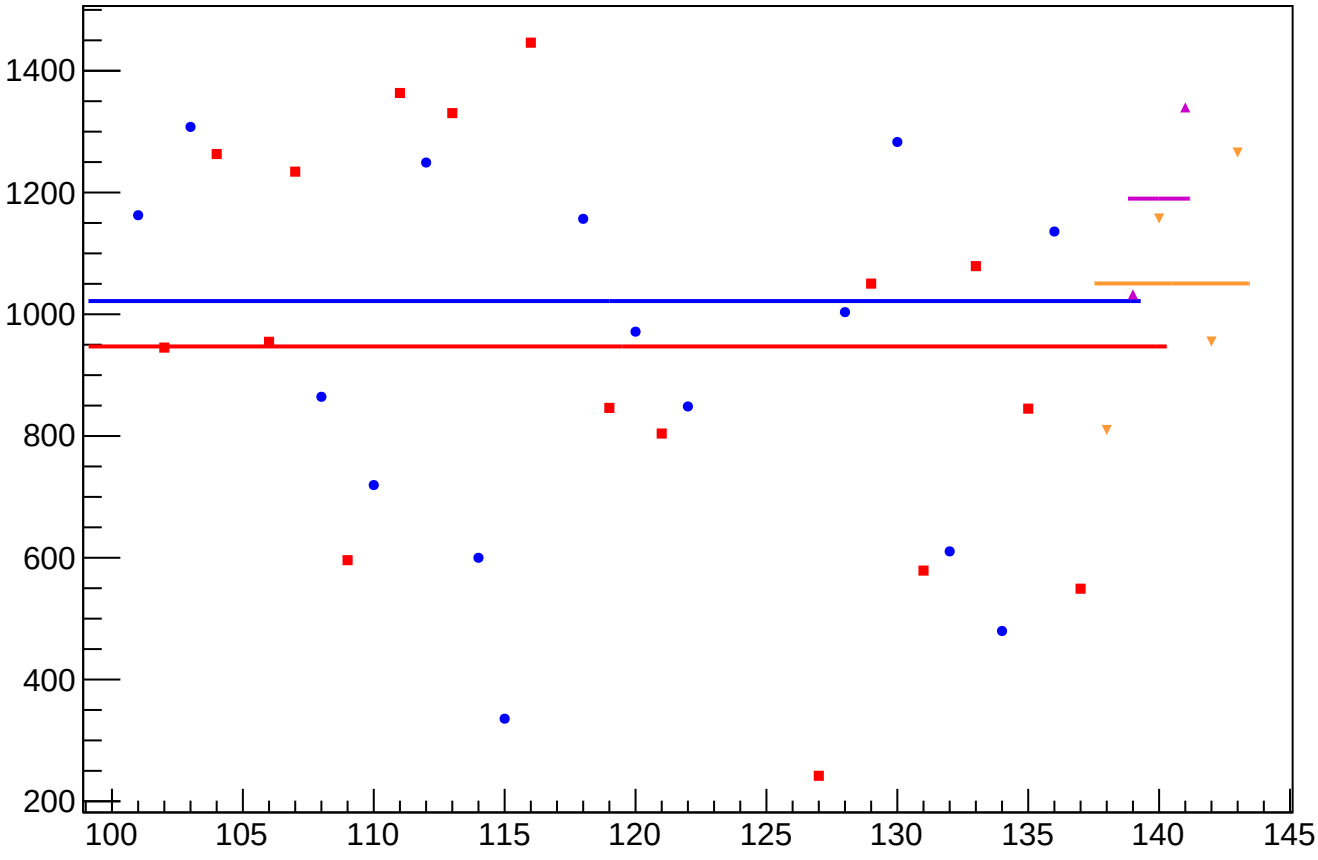
Left In: 287.211+/-0.000 χ^2/NDF:9498780793933070821113113666912 2560.0/1

+ sign 267.566+/-0.000 χ^2/NDF: 339854146187381

All: 256.447+/-0.000 χ^2/NDF: 716679229812

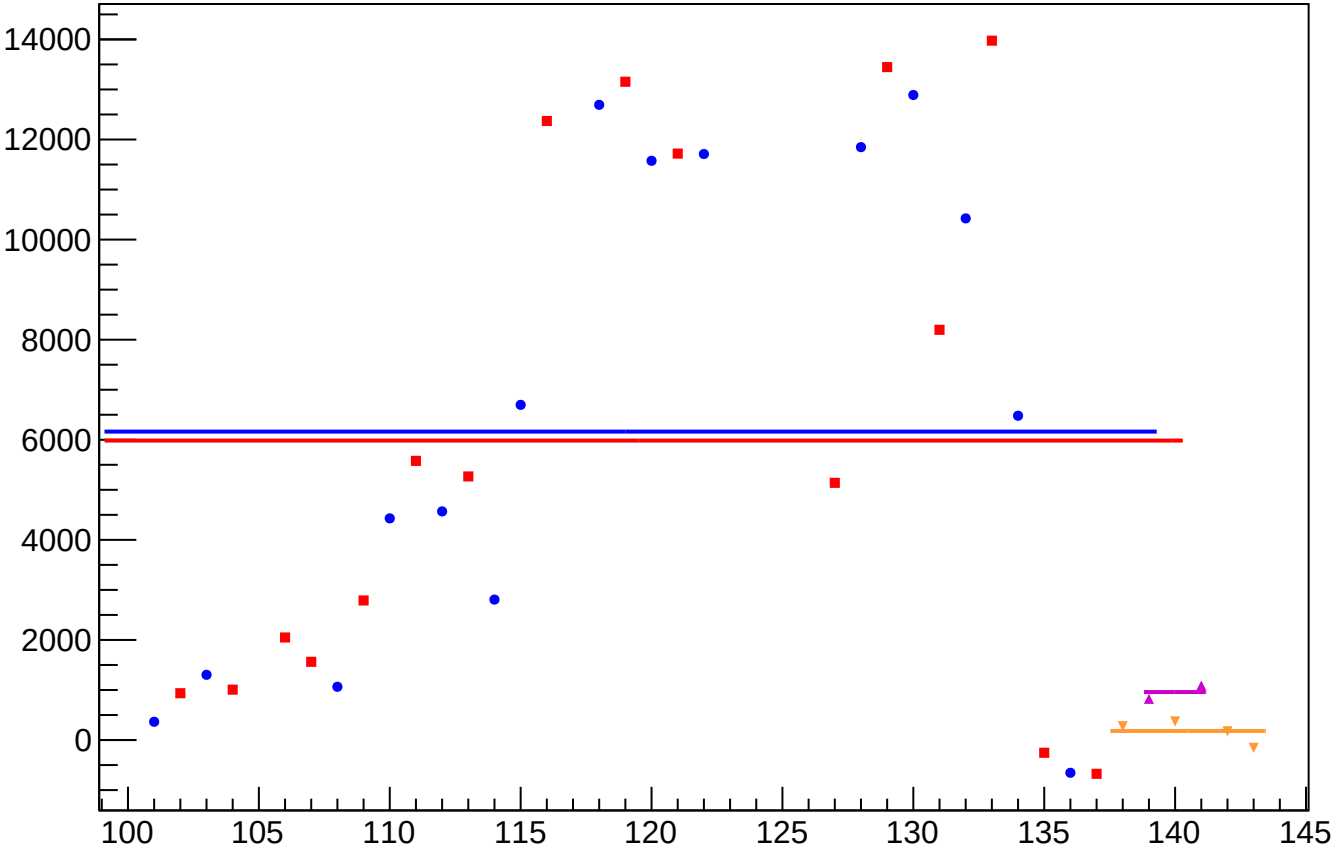
- sign 244.140+/-0.000 χ^2/NDF: 352809606631137

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2
Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left Out: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14

+ sign 4392.309+/-0.000 χ^2/NDF: 2508763652310 3

Left Out: 181.808+/-0.000 χ^2/NDF:1131941411420920696807540270636728320 0.0/3

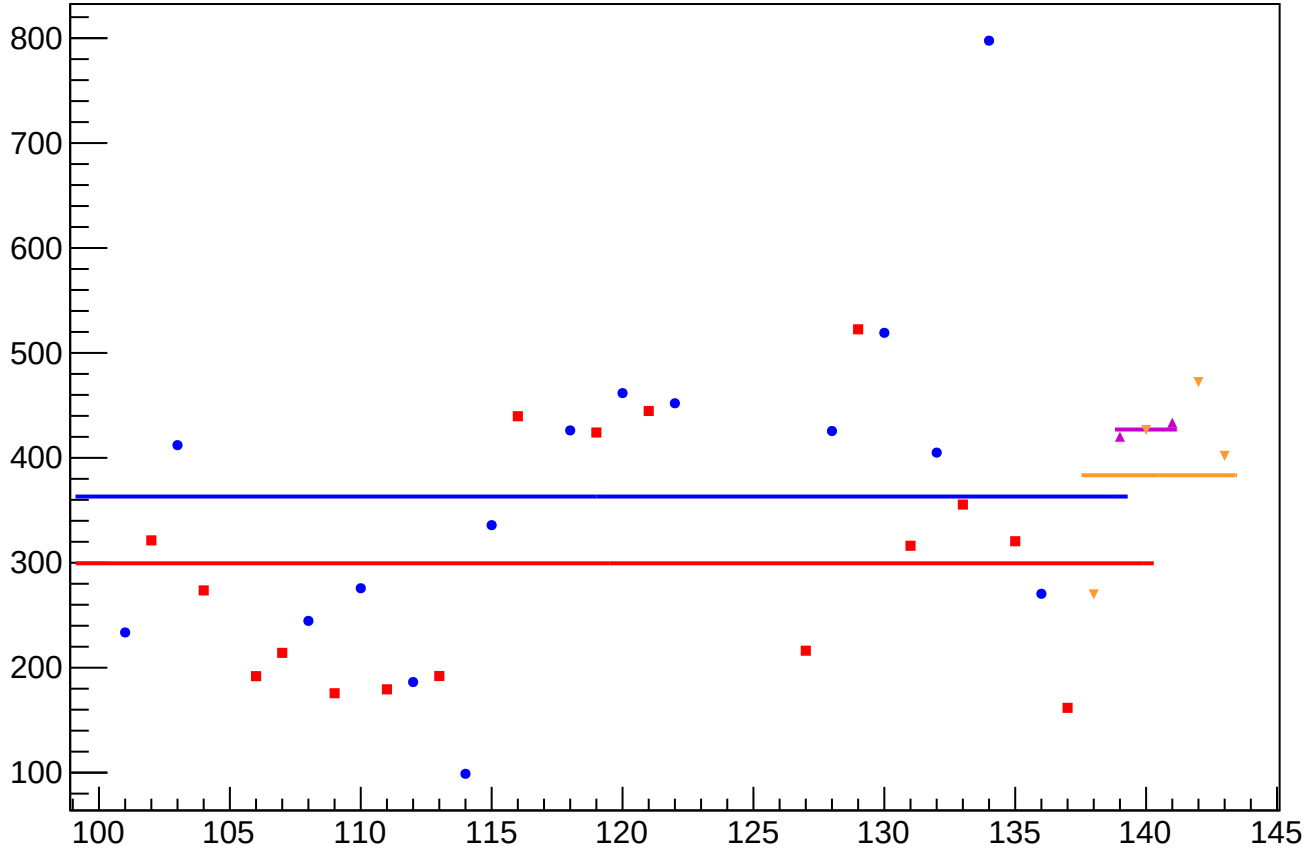
All: 4672.474+/-0.000 χ^2/NDF: 4610399229 7

Right Out: 5983.876+/-0.000 χ^2/NDF: 1750520191327627355916108876415584174080 0.0/15

- sign 4982.573+/-0.000 χ^2/NDF: 2086388378026 6

Left In: 959.262+/-0.000 χ^2/NDF:2894734667239946207910675254662397952.0/1

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Left Out: 383.440+/-0.000 χ^2/NDF:1543868159299205870929864799259983872.0/3

Right Out: 299.514+/-0.000 χ^2/NDF: 768549731874422521835465282898467225 6.0/15

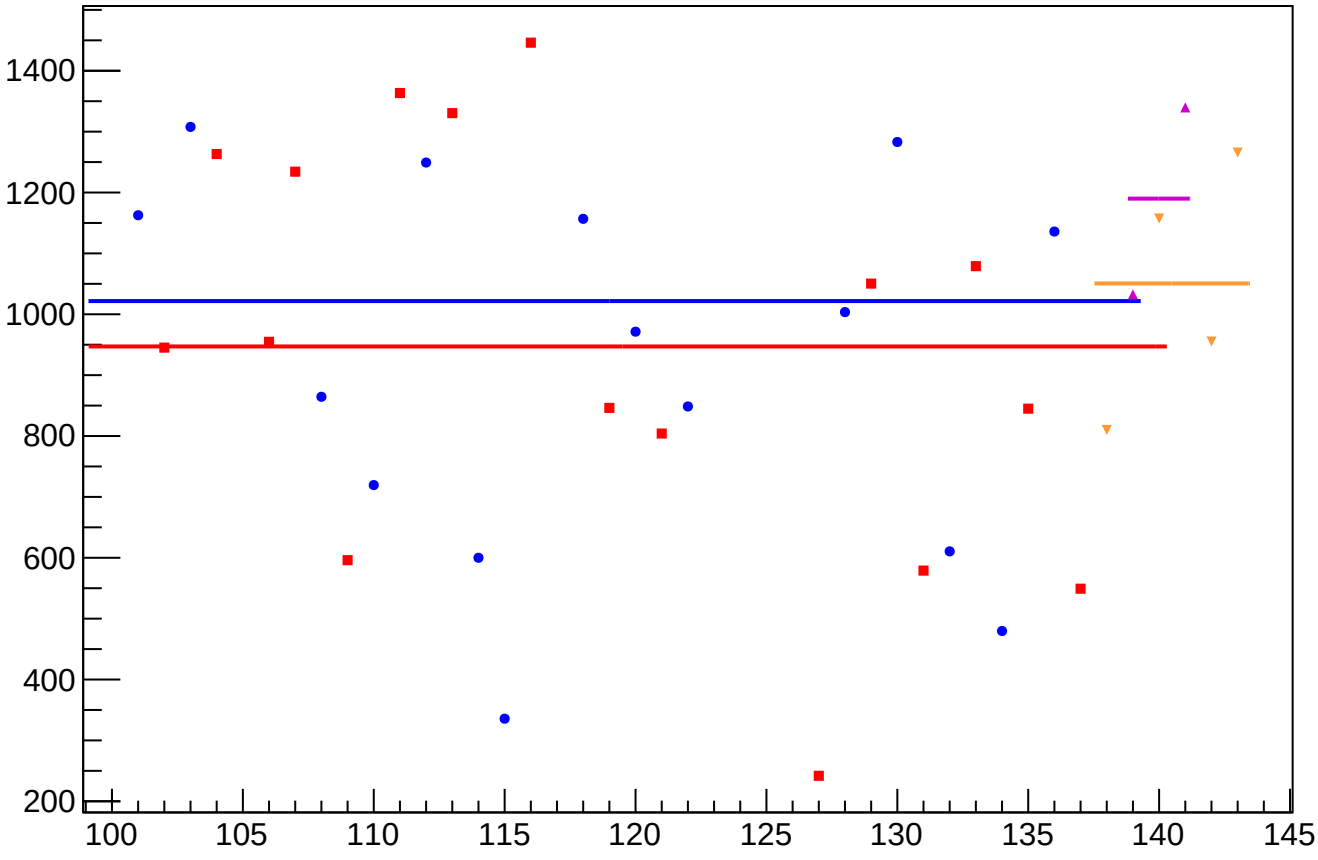
Left In: 426.990+/-0.000 χ^2/NDF:7391630109981506573721365458714624.0/1

+ sign 369.146+/-0.000 χ^2/NDF: 13125904887353 9

All: 348.153+/-0.000 χ^2/NDF: 2383480707 40

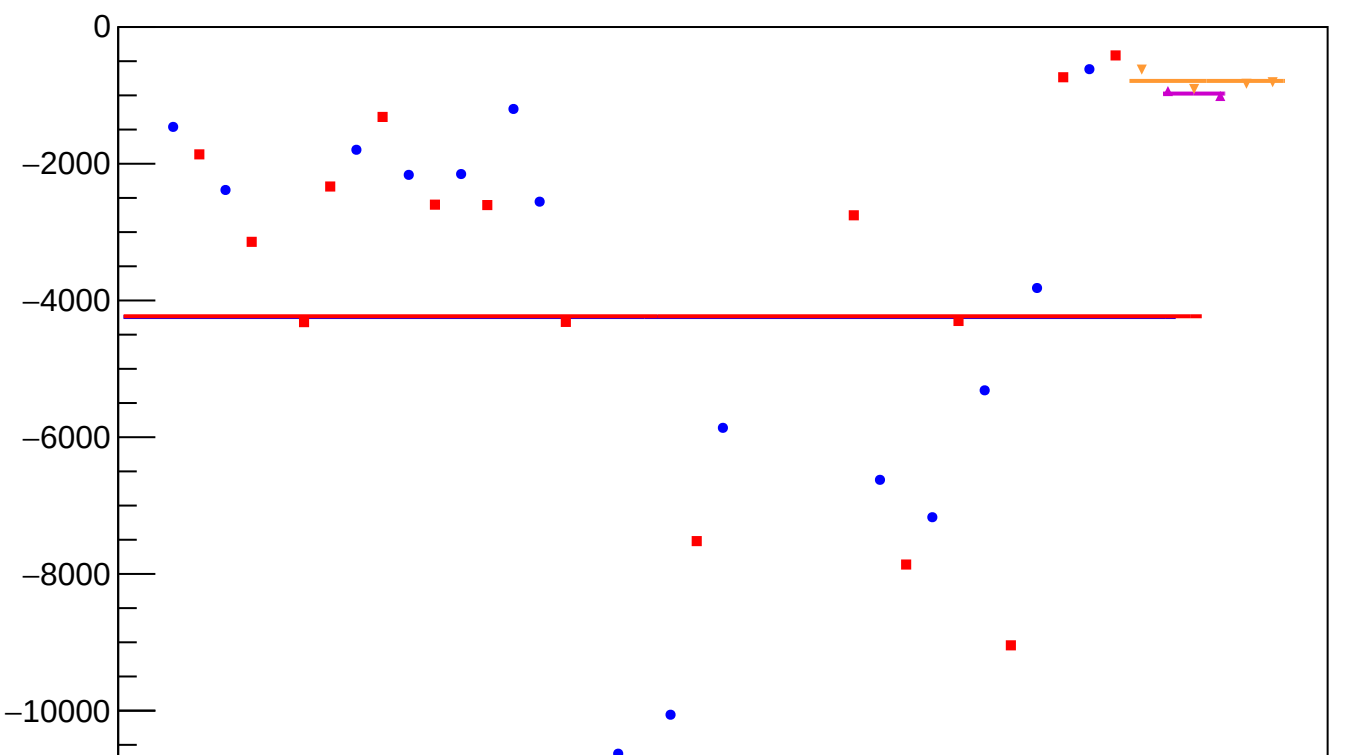
- sign 324.918+/-0.000 χ^2/NDF: 985285180498664

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2
Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF: 6783472272174151371145601081742110752768.0/14

+ sign -3219.524+/-0.000 χ^2/NDF: 9079122038133

Left Out: -788.389+/-0.000 χ^2/NDF:337200907739646100008978592634922598 4.0/3

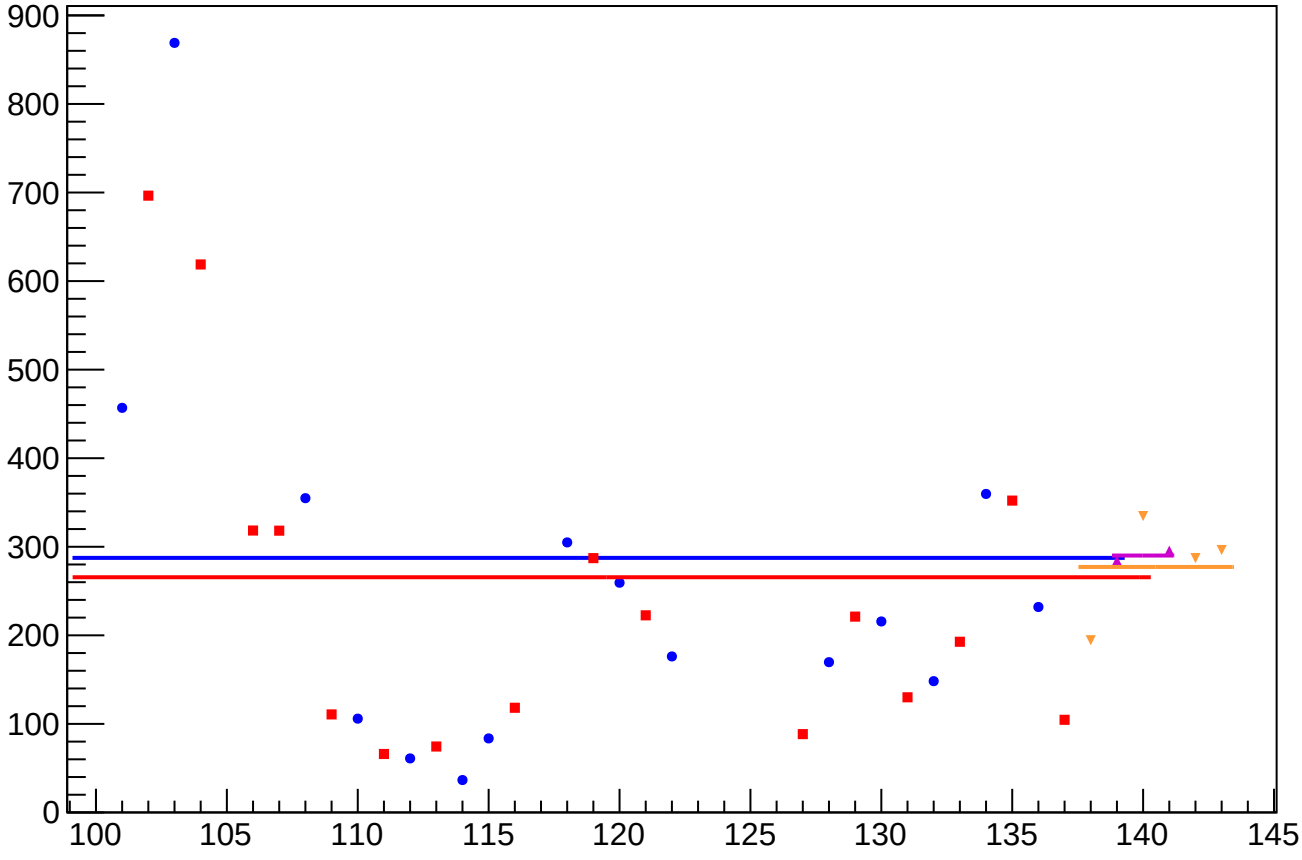
All: -3391.500+/-0.000 χ^2/NDF: 1722953583

Right Out: -4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046 5792.0/15

- sign -3581.850+/-0.000 χ^2/NDF: 8092962730508

Left In: -973.608+/-0.000 χ^2/NDF:215220494569541865478951011981721600.0/1

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

+ sign 284.423+/-0.000 χ^2/NDF: 30371378869277

Left Out: 277.204+/-0.000 χ^2/NDF:834123516076476753668580269667385344.0/3

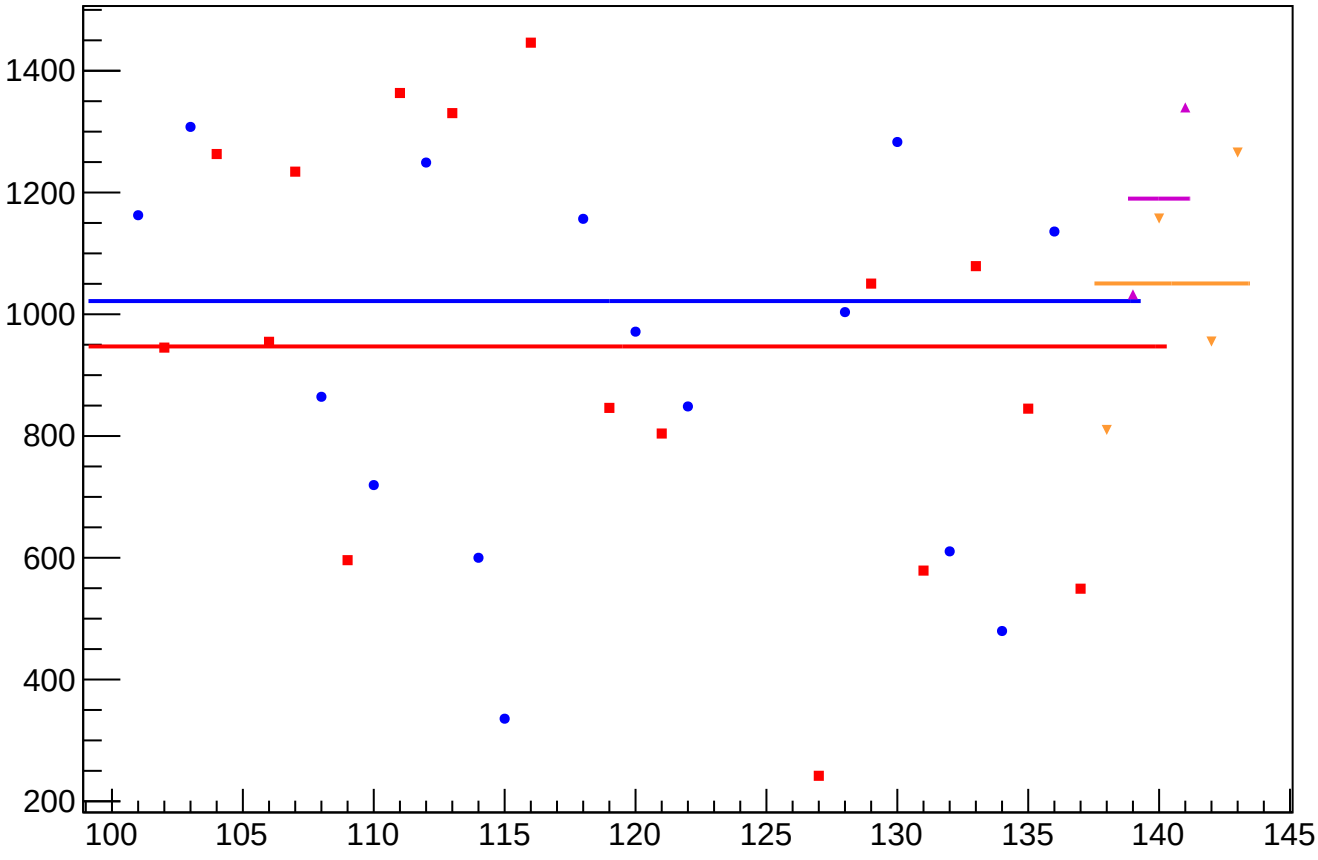
All: 277.804+/-0.000 χ^2/NDF: 56384948409

Right Out: 265.593+/-0.000 χ^2/NDF: 25843263106329059274985499259066908672.0/15

- sign 270.478+/-0.000 χ^2/NDF: 259284647972564

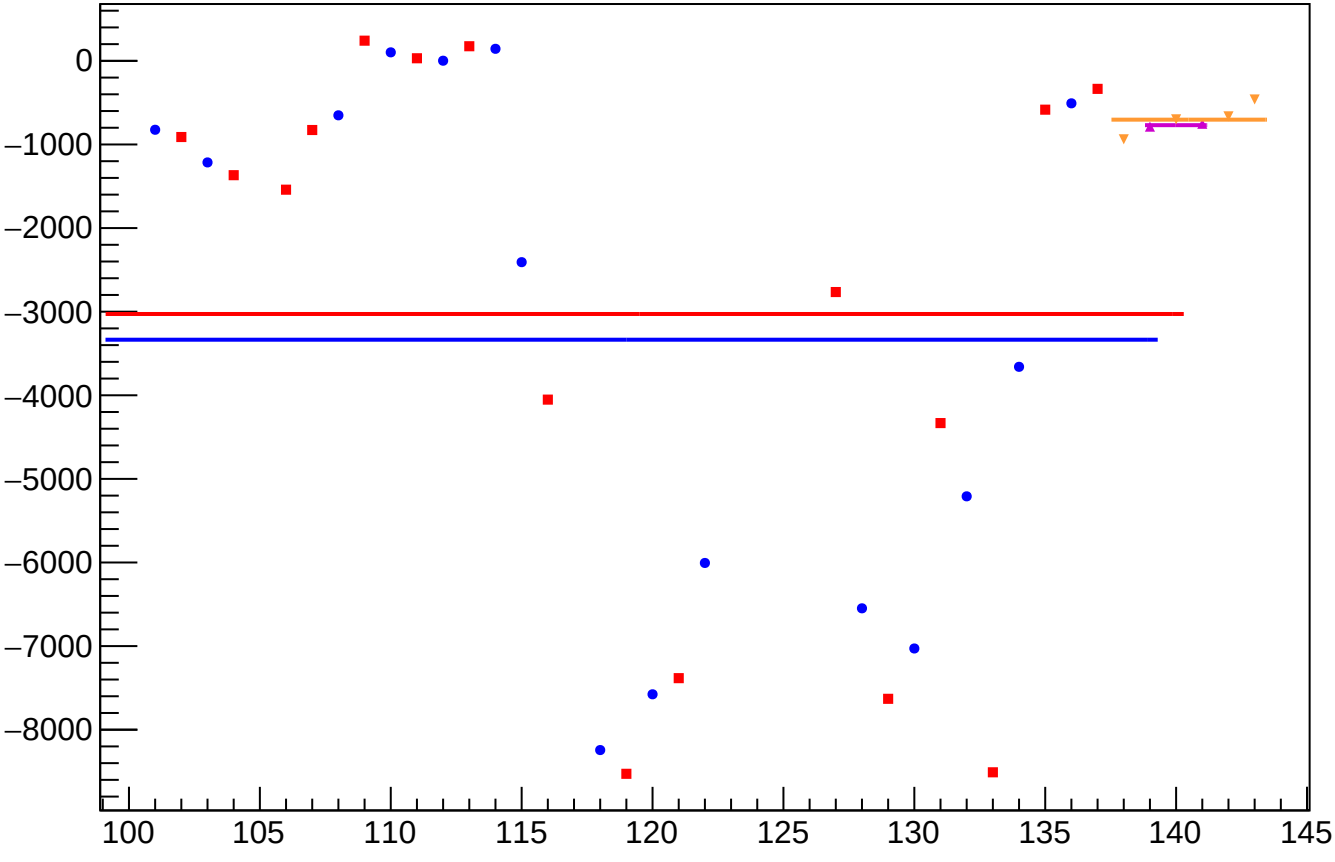
Left In: 290.106+/-0.000 χ^2/NDF:533128198583516714900380053195980 8.0/1

dit_sam7_coil7_Ndata_mean vs Slug



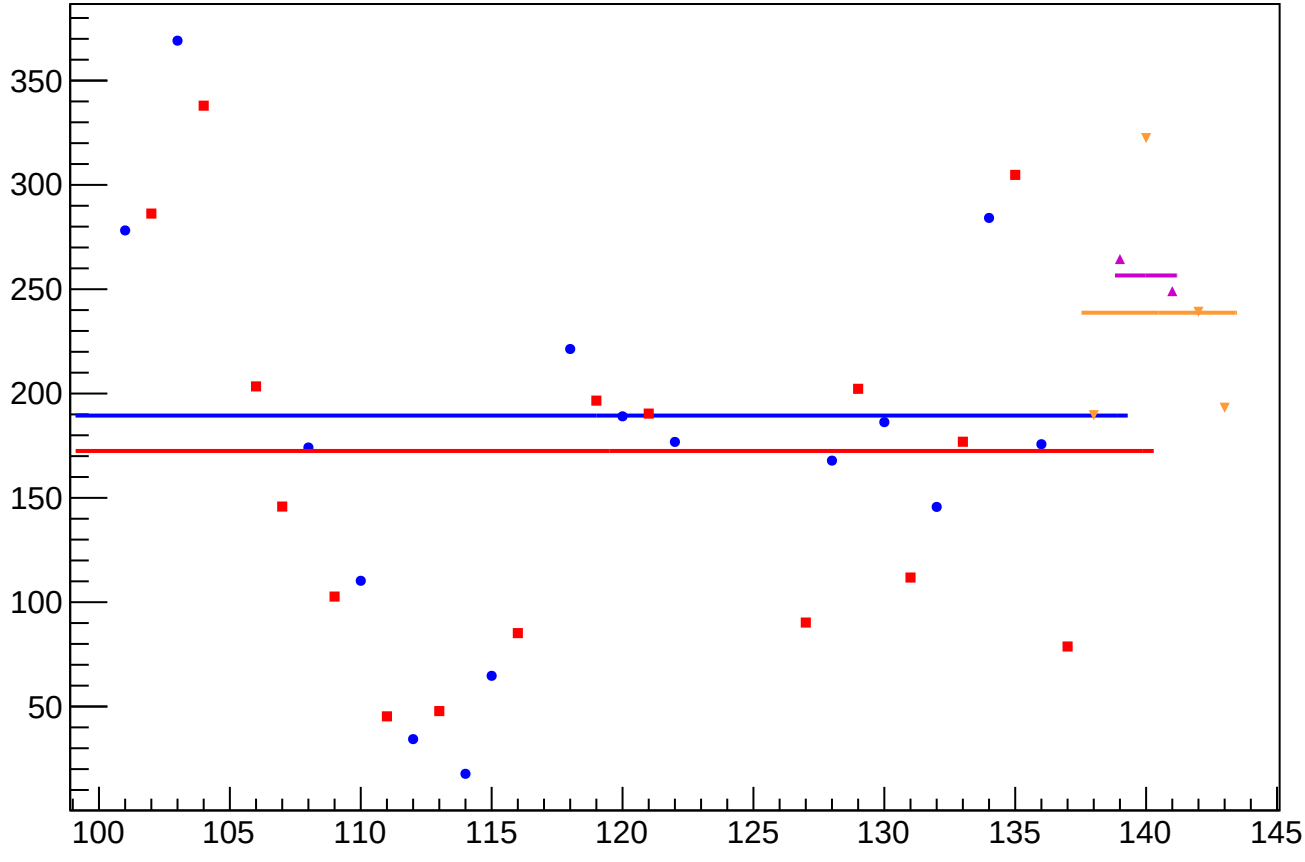
Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2
Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_sam8_coil7_mean vs Slug



Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
+ sign -2555.943+/-0.000 χ^2/NDF: 7677613802567
Left Out: -703.250+/-0.000 χ^2/NDF:828907722649880920244515890393199411 2.0/3
All: -2566.191+/-0.000 χ^2/NDF: 1544201301
Right Out: -3027.603+/-0.000 χ^2/NDF: 708615708669439658309090376758132631 1424.0/15
- sign -2577.533+/-0.000 χ^2/NDF: 7764195221481
Left In: -769.120+/-0.000 χ^2/NDF:491397046095129991367190988298649 60.0/1

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

+ sign 204.040+/-0.000 χ^2/NDF: 607558636148272

Left Out: 238.744+/-0.000 χ^2/NDF:901240808562723070558777679563194368.0/3

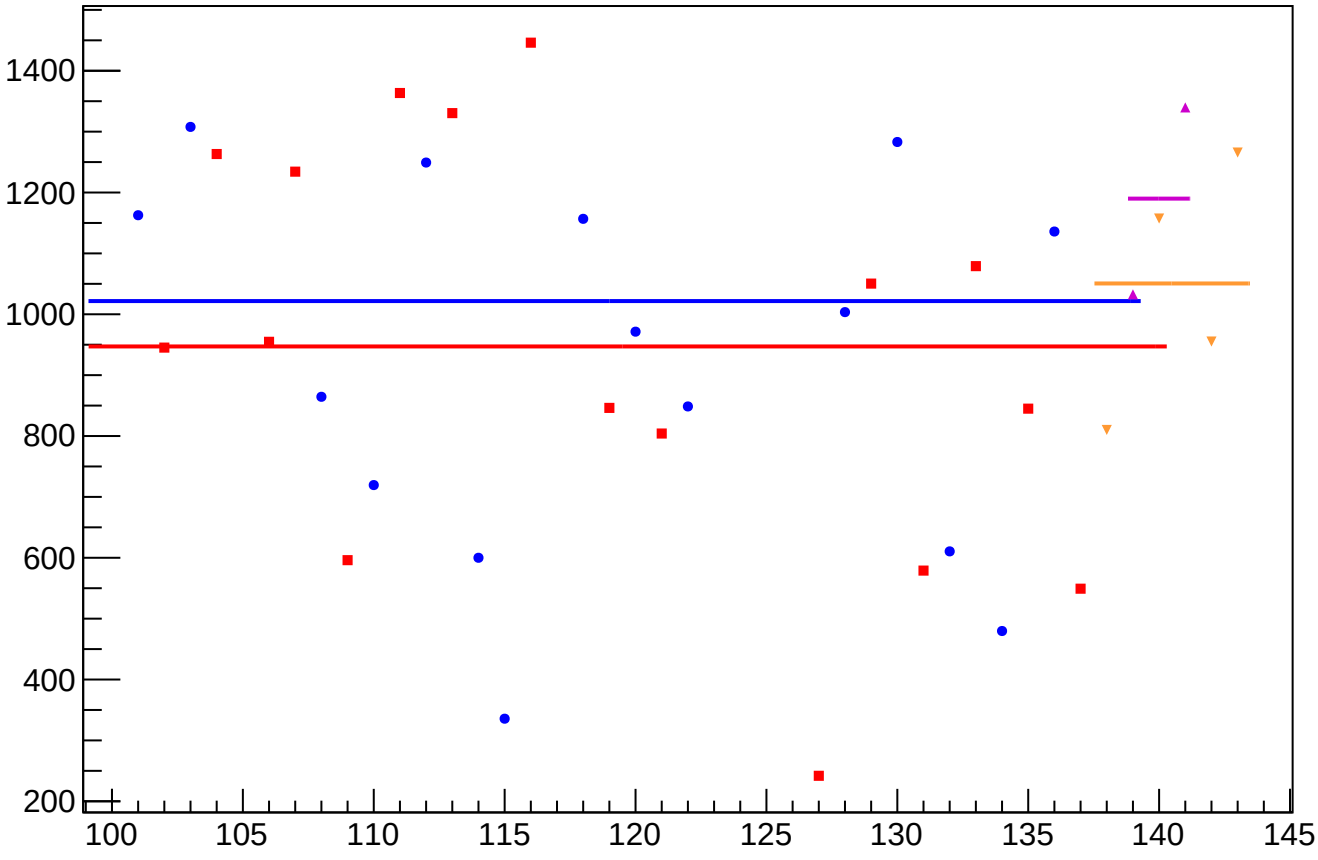
All: 197.018+/-0.000 χ^2/NDF: 12716250331

Right Out: 172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

- sign 189.245+/-0.000 χ^2/NDF: 654487656714880

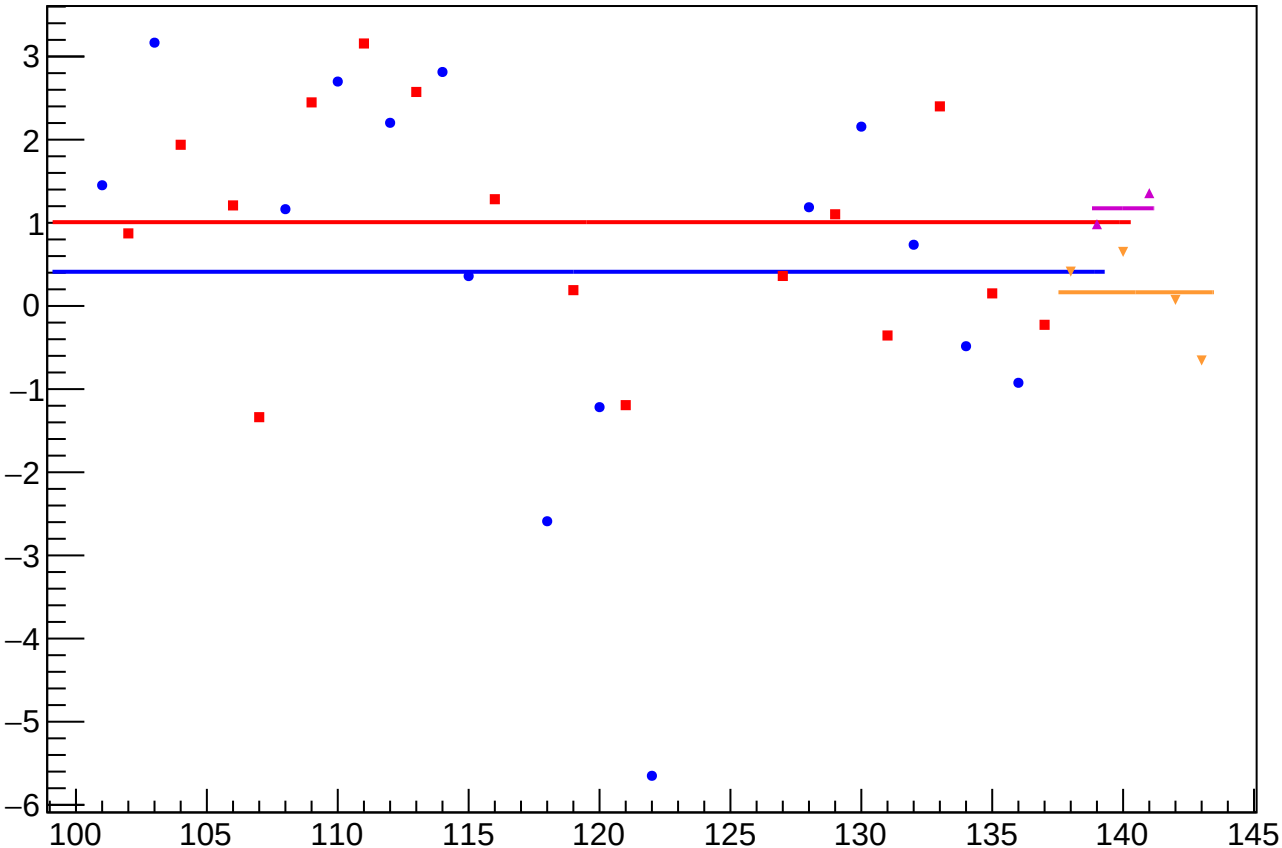
Left In: 256.590+/-0.000 χ^2/NDF:982461794109772999713920545246412 8.0/1

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14
+ sign 1030.248+/-0.000 χ^2/NDF: 4962119382036 2
Left Out: 1050.608+/-0.000 χ^2/NDF:896732753573702436763108560263027 0976.0/3
All: 1013.773+/-0.000 χ^2/NDF: 1296818345 5
Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181 96480.0/15
- sign 995.537+/-0.000 χ^2/NDF: 795333477078456
Left In: 1189.976+/-0.000 χ^2/NDF:391087135982359029435046225753250 2016.0/1

dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

+ sign 0.338+/-0.000 χ^2/NDF: 3466821771937579 7

Left Out: 0.165+/-0.000 χ^2/NDF:69568702239209849773727816876032.0/3

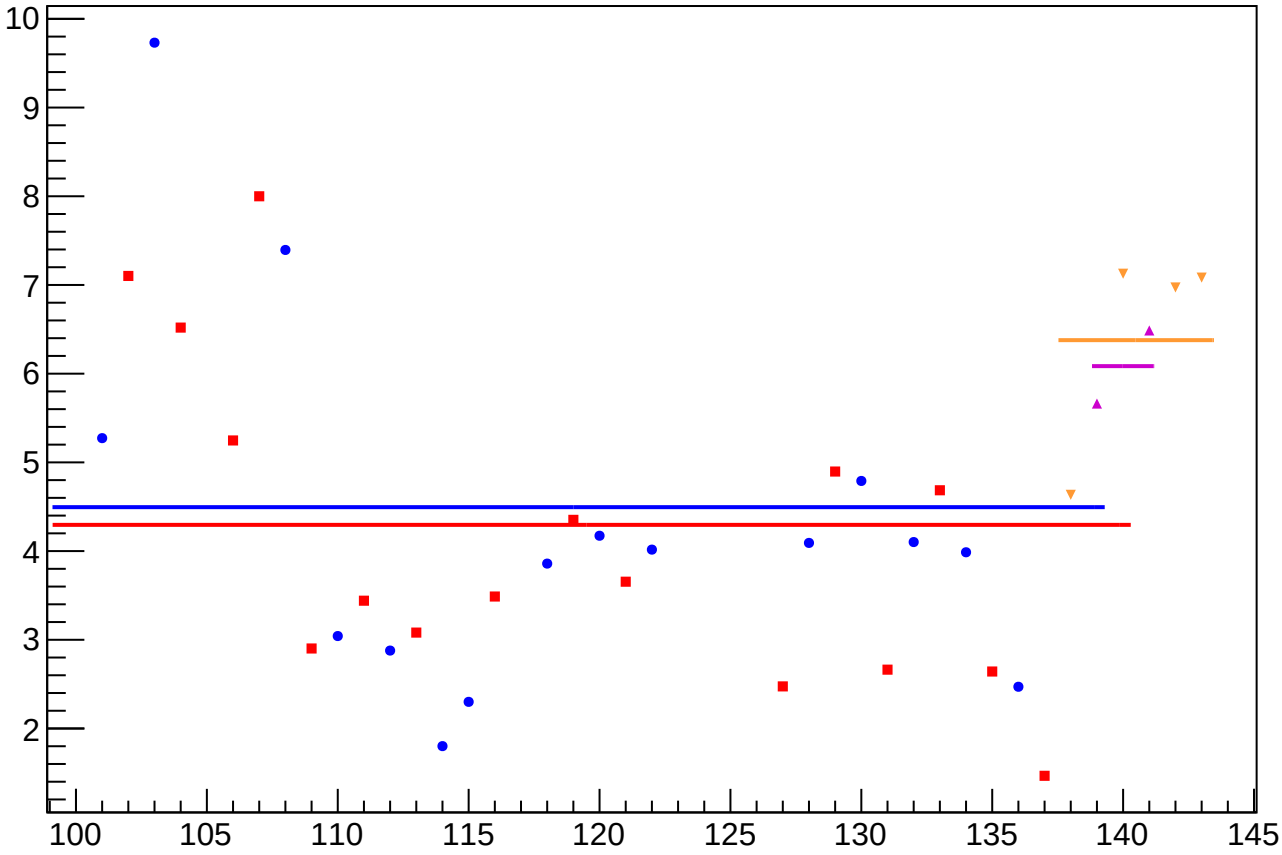
All: 0.672+/-0.000 χ^2/NDF: 4820917306738 9

Right Out: 1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

- sign 1.041+/-0.000 χ^2/NDF: 11378879127890544

Left In: 1.175+/-0.000 χ^2/NDF:57841677743508314100293571706 88.0/1

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

+ sign 5.053+/-0.000 χ^2/NDF: 3756005757390574 8

Left Out: 6.378+/-0.000 χ^2/NDF:3326514368458747965710380690309 12.0/3

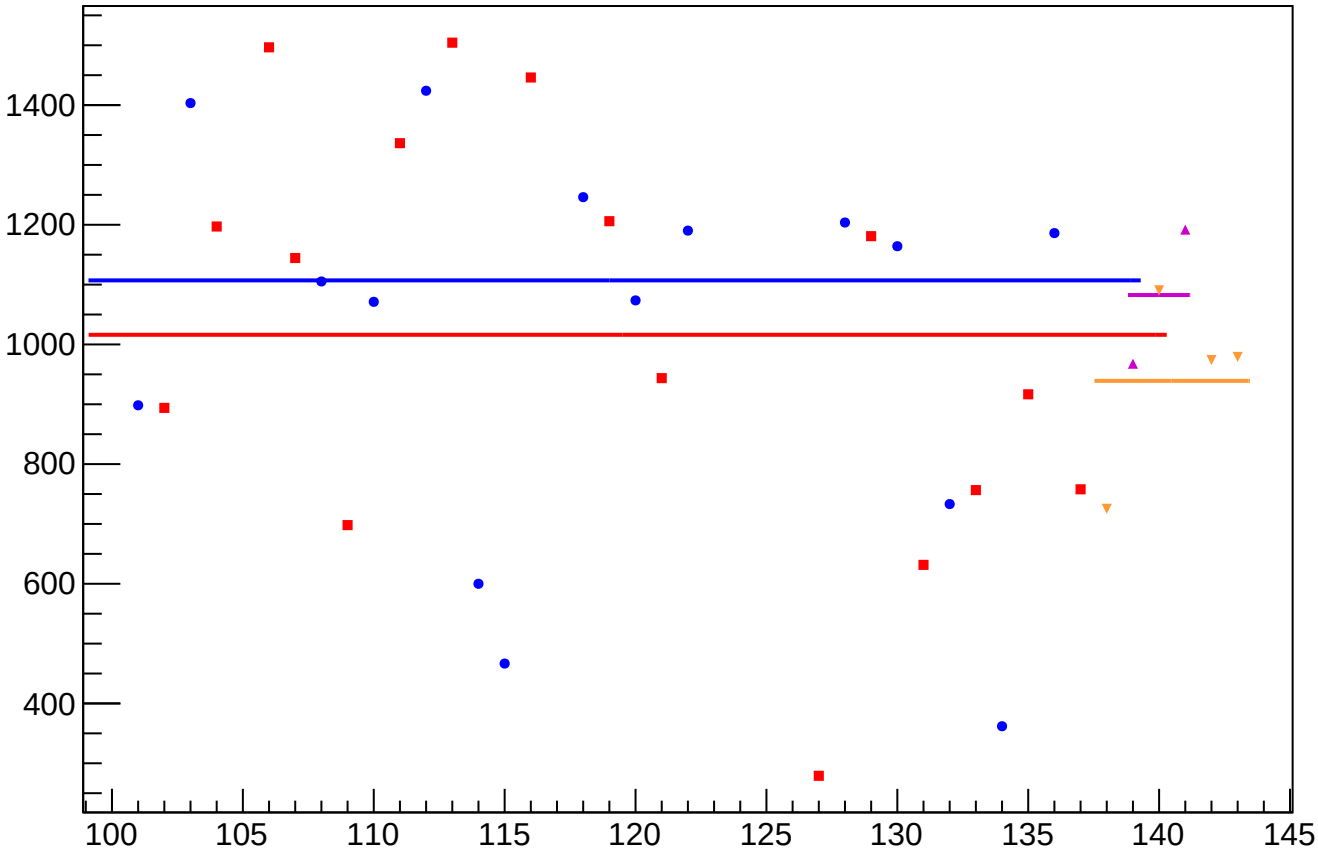
All: 4.863+/-0.000 χ^2/NDF: 6291890208503 8

Right Out: 4.296+/-0.000 χ^2/NDF: 2011925707062051890381007475441664.0/15

- sign 4.652+/-0.000 χ^2/NDF: 24657081618676254

Left In: 6.085+/-0.000 χ^2/NDF:2816524402288687672402718071 1936.0/1

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716

Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3

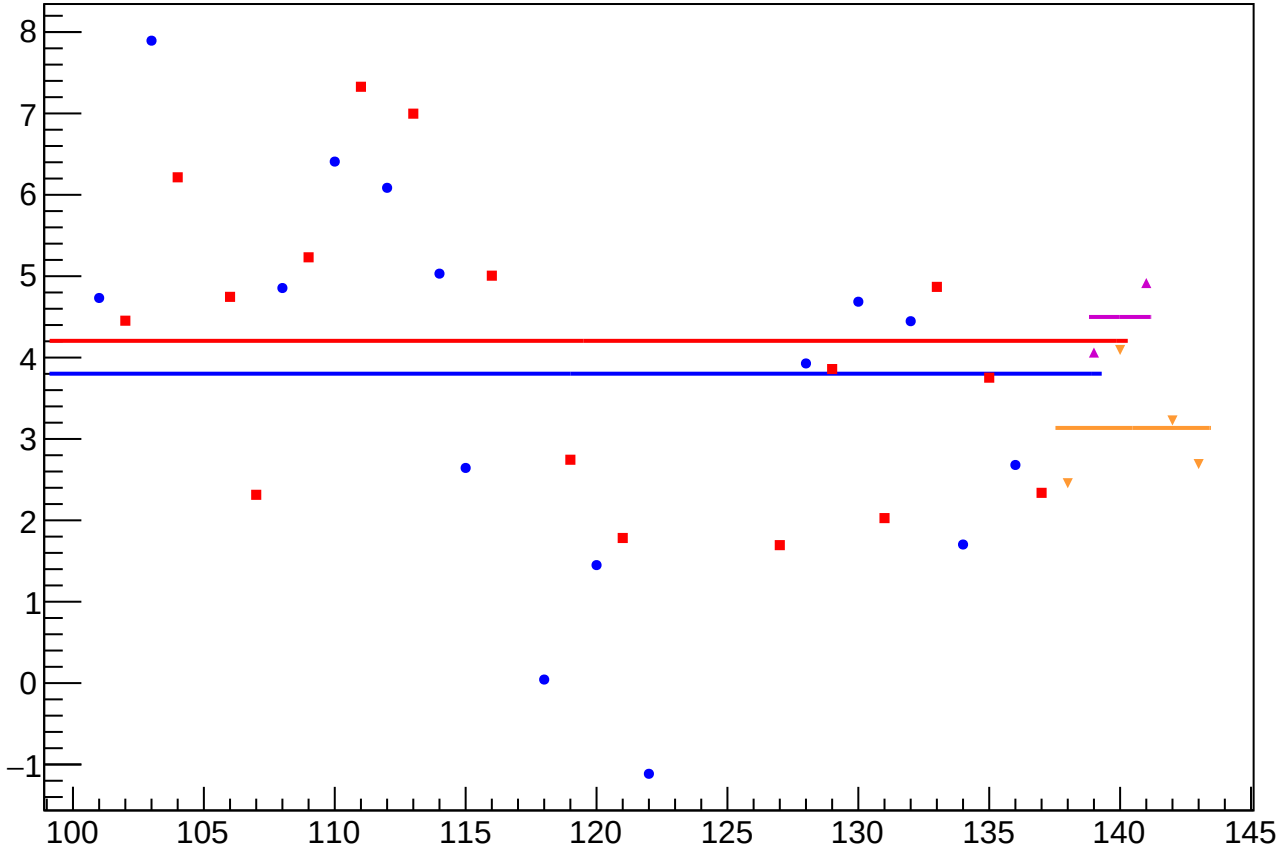
All: 1044.055+/-0.000 χ^2/NDF: 1272394103

Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419

Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

+ sign 3.605+/-0.000 χ^2/NDF: 4005669346641997 6

Left Out: 3.136+/-0.000 χ^2/NDF:1248540639436826391443458941255 68.0/3

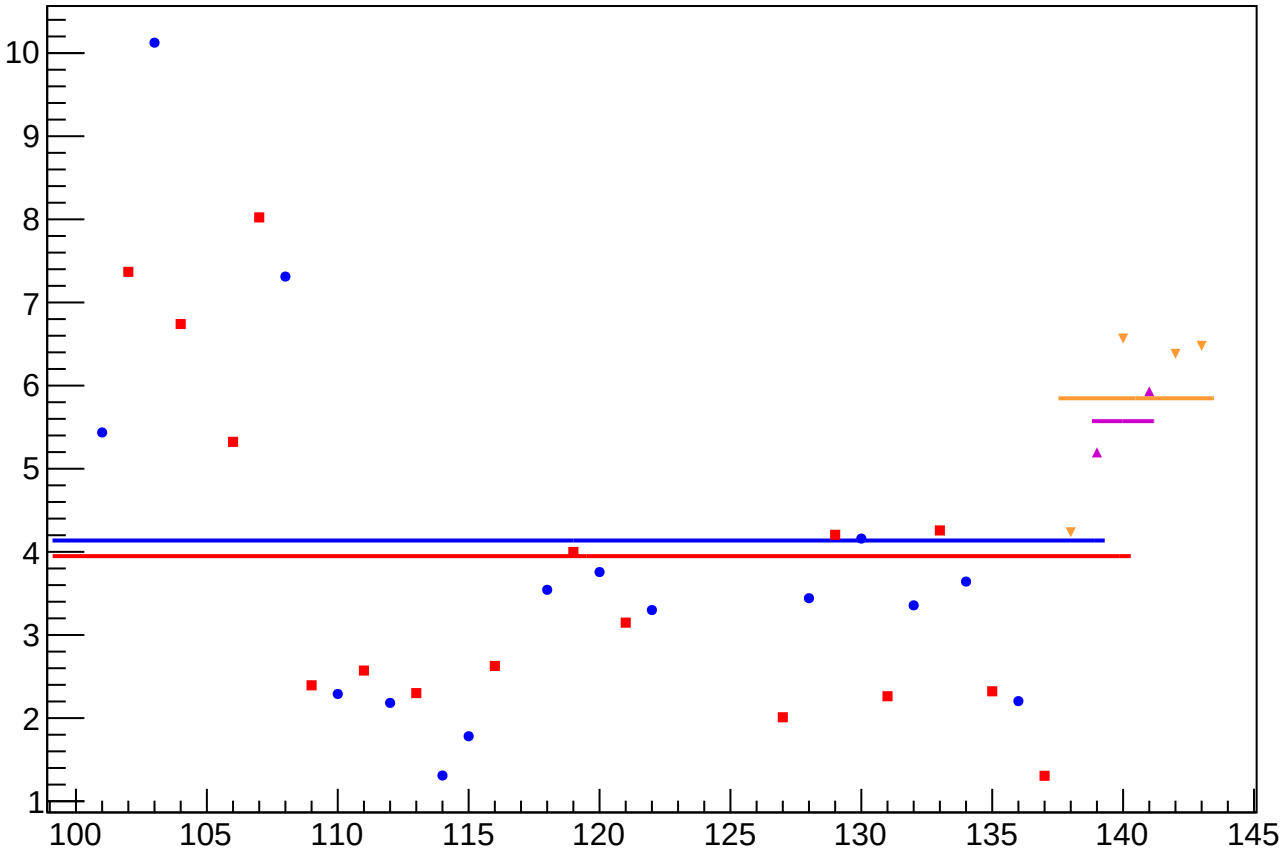
All: 3.918+/-0.000 χ^2/NDF: 6334171019860 4

Right Out: 4.206+/-0.000 χ^2/NDF: 2096427813341454573332265183477760.0/15

- sign 4.264+/-0.000 χ^2/NDF: 2138142257355802 1

Left In: 4.499+/-0.000 χ^2/NDF:3026606317146916118673580097 5360.0/1

dit_4eX_coil4_err_mean vs Slug



Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Left Out: 5.847+/-0.000 χ^2/NDF:2847707277006764697186869402664 96.0/3

Right Out: 3.948+/-0.000 χ^2/NDF: 2670176783942302028345551100051456.0/15

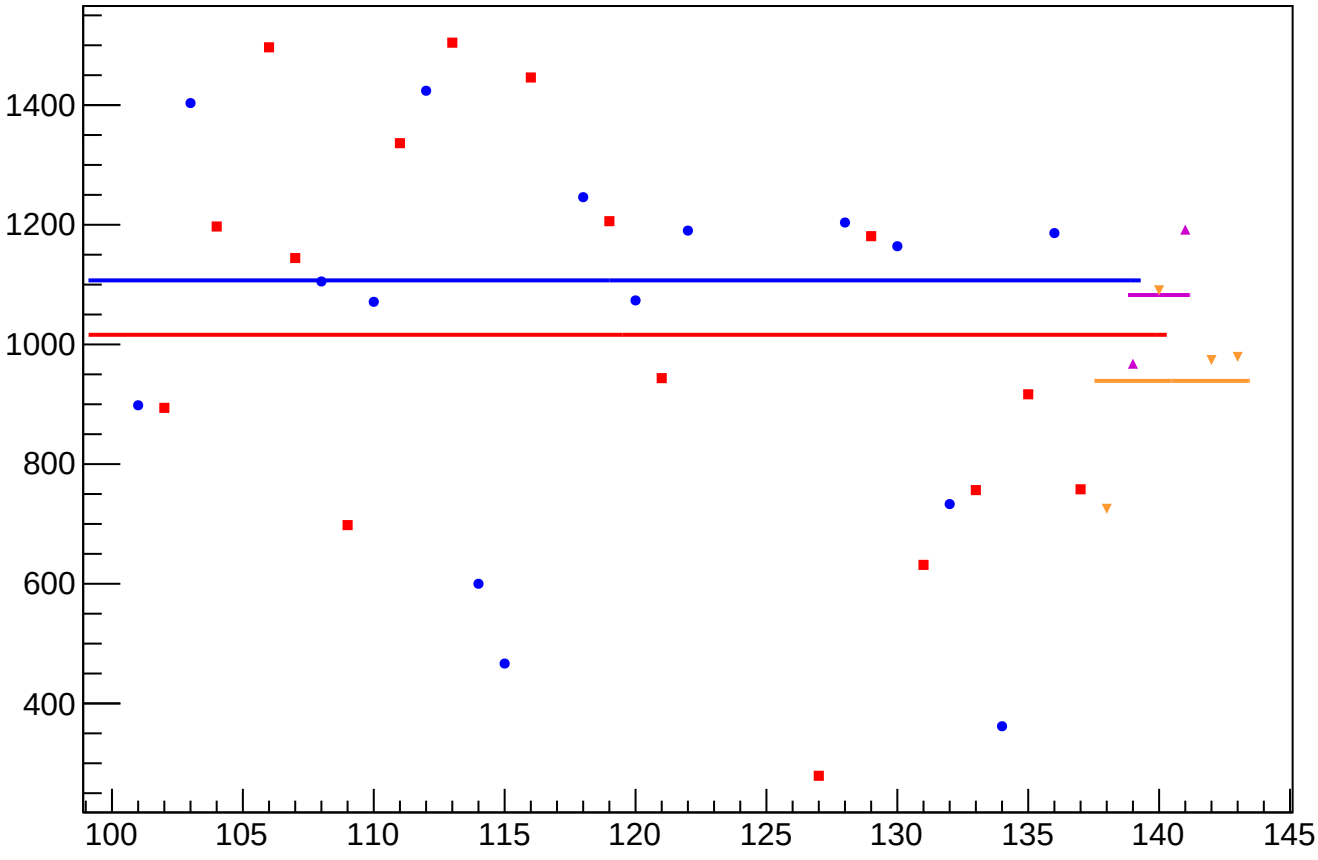
Left In: 5.572+/-0.000 χ^2/NDF:2235479198446345279640219051 6224.0/1

+ sign 4.643+/-0.000 χ^2/NDF: 4354750180137219 3

All: 4.467+/-0.000 χ^2/NDF: 7458044754872 1

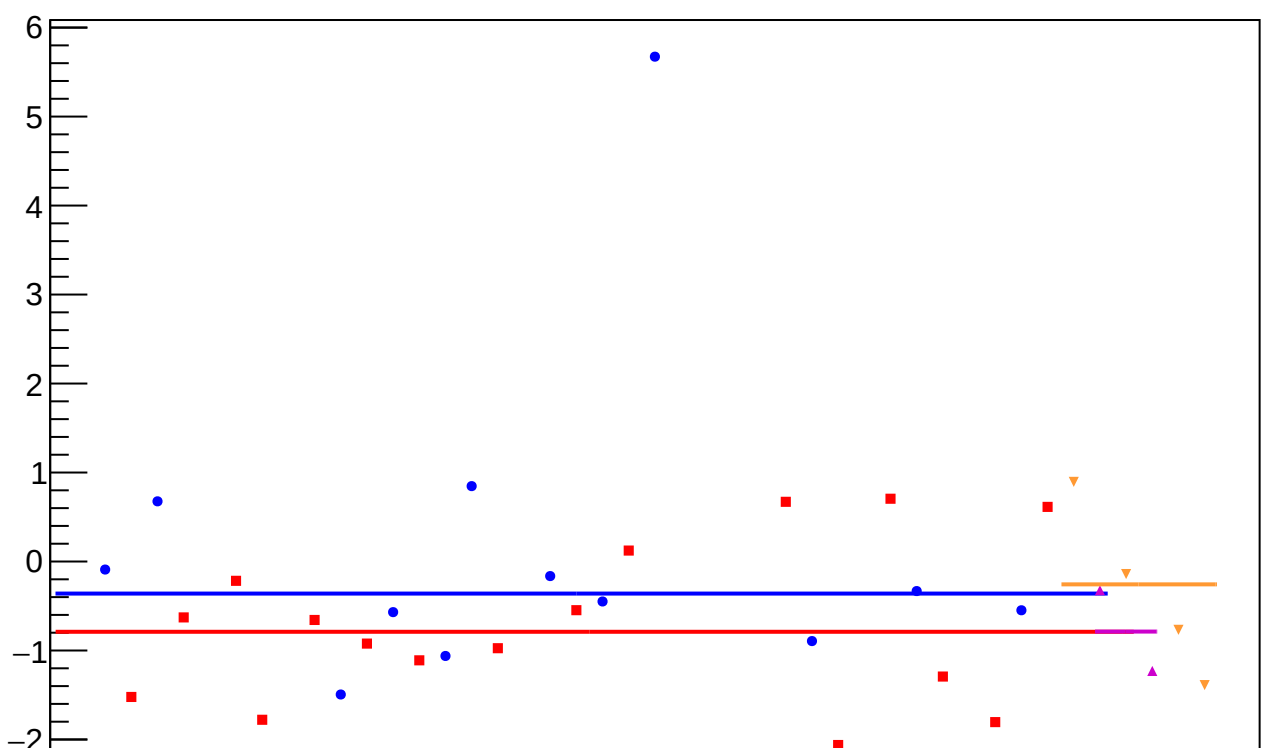
- sign 4.272+/-0.000 χ^2/NDF: 3043093600140262 4

dit_4eX_coil4_Ndata_mean vs Slug



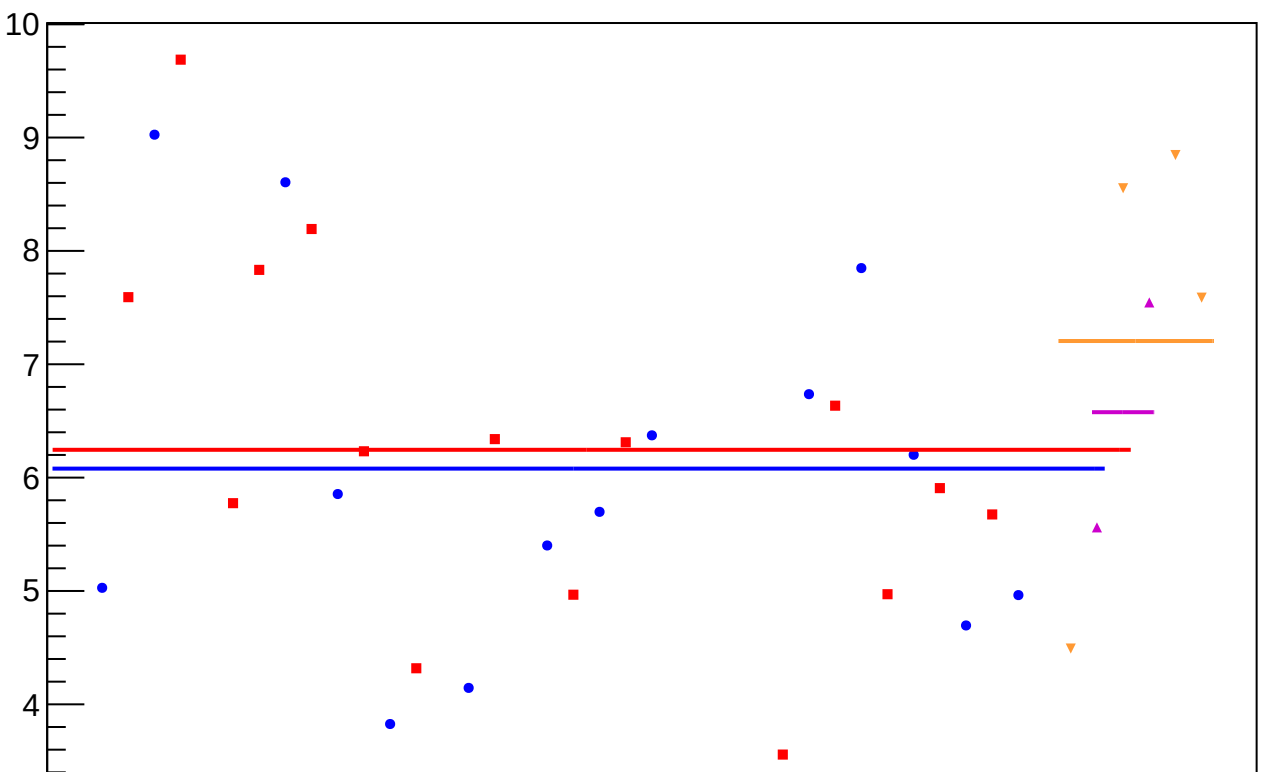
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left Out: 939.150+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_11X12X_coil4_mean vs Slug



Right In: -0.360+/-0.000 χ^2/NDF: 2180256348790896849346212178952192.0/14
+ sign -0.330+/-0.000 χ^2/NDF: 2384736982563039
Left Out: -0.257+/-0.000 χ^2/NDF:2024205702156386342546365113958 40.0/3
All: -0.548+/-0.000 χ^2/NDF: 2974333283863
Right Out: -0.790+/-0.000 χ^2/NDF: 4630783690733439598034229038940 16.0/15
- sign -0.789+/-0.000 χ^2/NDF: 4971795405160138 6
Left In: -0.787+/-0.000 χ^2/NDF:3410043328709427944568846391705 6.0/1

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253440/14

+ sign 6.413+/-0.000 χ^2/NDF: 26903179961499467

Left Out: 7.205+/-0.000 χ^2/NDF:8565398316132800738364094792335360/3

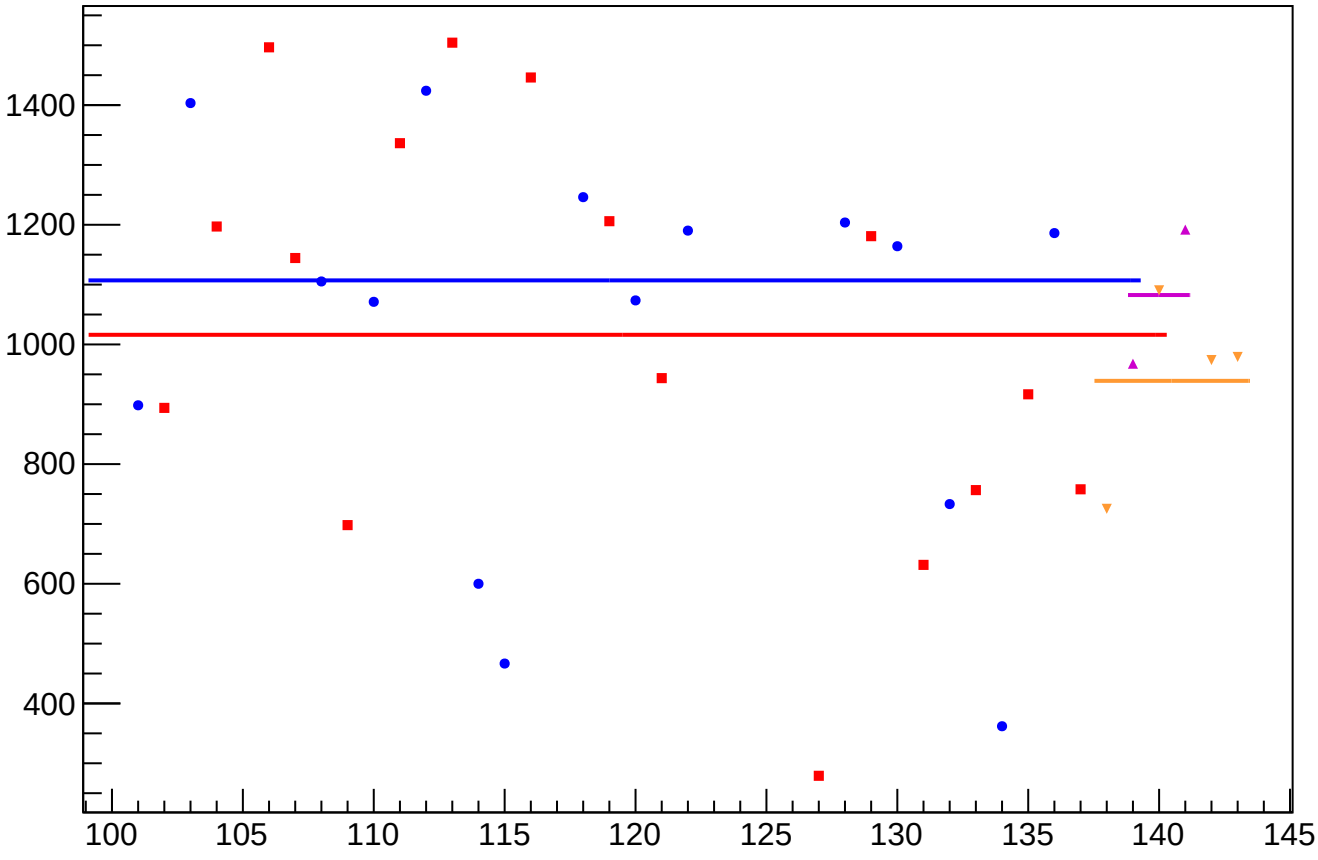
All: 6.365+/-0.000 χ^2/NDF: 46892683475821

Right Out: 6.245+/-0.000 χ^2/NDF: 18165291631050069385109769855959040/15

- sign 6.311+/-0.000 χ^2/NDF: 19944655887600814

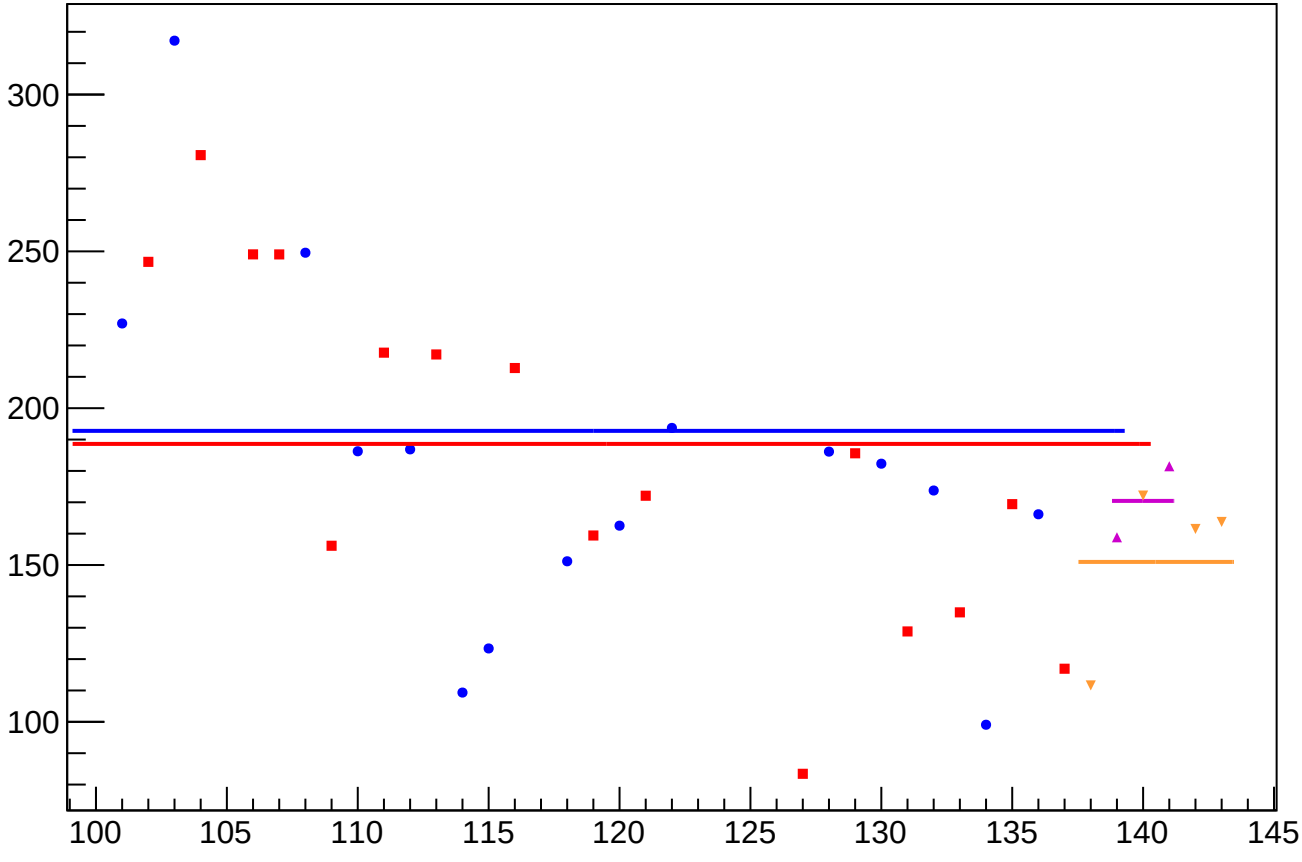
Left In: 6.577+/-0.000 χ^2/NDF:16330696057387016097455831148134 4.0/1

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

+ sign 180.399+/-0.000 χ^2/NDF: 21496448157382

Left Out: 150.989+/-0.000 χ^2/NDF:1735957426512170621421863618362736 64.0/3

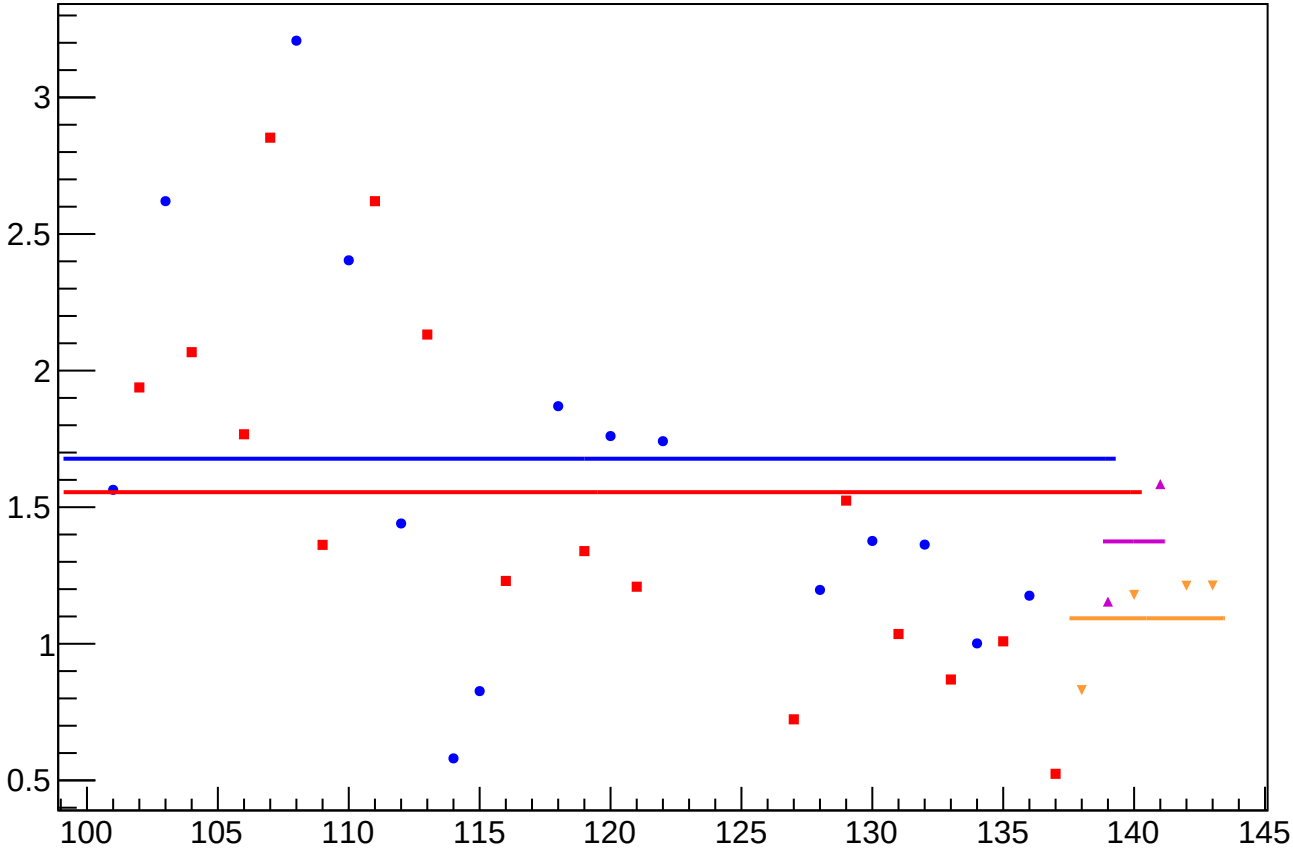
All: 182.579+/-0.000 χ^2/NDF: 41463699958

Right Out: 188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

- sign 184.991+/-0.000 χ^2/NDF: 198750072785421

Left In: 170.441+/-0.000 χ^2/NDF:2126925088893122913371818189180108 8.0/1

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

+ sign 1.505+/-0.000 χ^2/NDF: 3150473019448921 4

Left Out: 1.093+/-0.000 χ^2/NDF:7614645253899258187712663912448.0/3

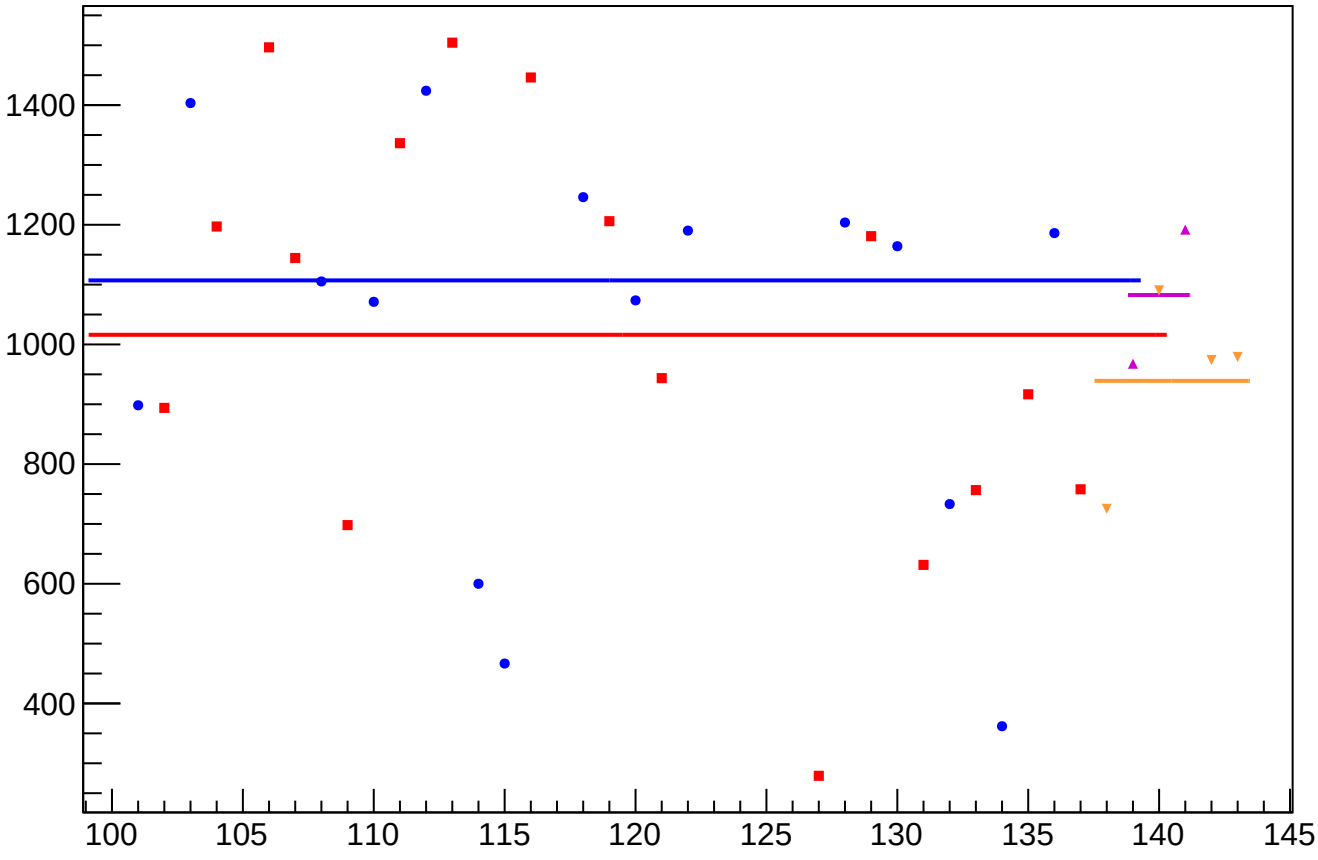
All: 1.511+/-0.000 χ^2/NDF: 5827802417964 5

Right Out: 1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

- sign 1.519+/-0.000 χ^2/NDF: 2676403689015246 6

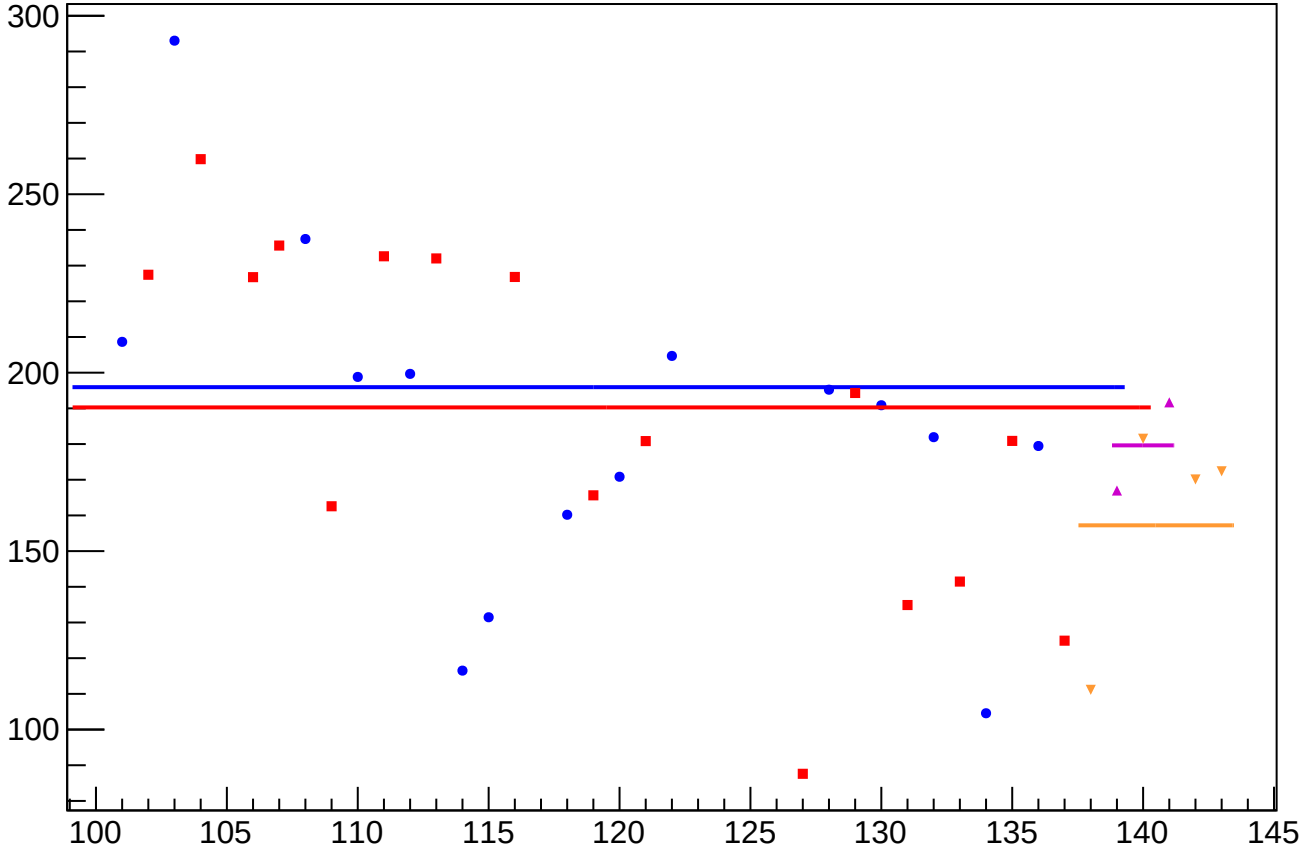
Left In: 1.375+/-0.000 χ^2/NDF:7674502016780507354813526179840.0/1

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Left Out: 157.226+/-0.000 χ^2/NDF:2369671164886400672427399158463201 28.0/3

Right Out: 190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

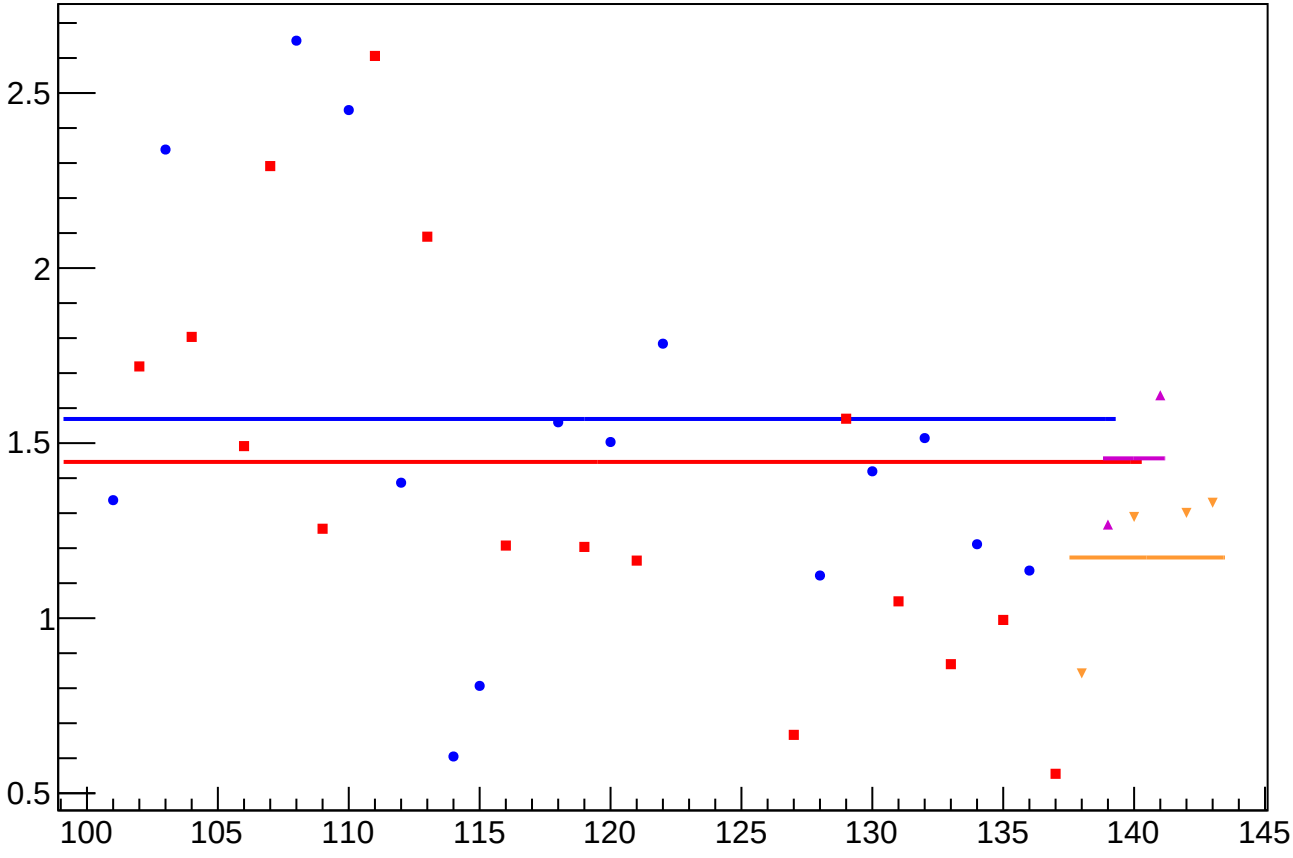
Left In: 179.632+/-0.000 χ^2/NDF:2531880414987943625099769411744563 2.0/1

+ sign 184.477+/-0.000 χ^2/NDF: 158287578003146

All: 186.220+/-0.000 χ^2/NDF: 30976017825 4

- sign 188.148+/-0.000 χ^2/NDF: 150882883607183

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569+/-0.000 χ^2/NDF: 1628491956681233807896105409576 96.0/14

+ sign 1.452+/-0.000 χ^2/NDF: 2049622556932754 6

Left Out: 1.173+/-0.000 χ^2/NDF:1203296738337717020681920996966 4.0/3

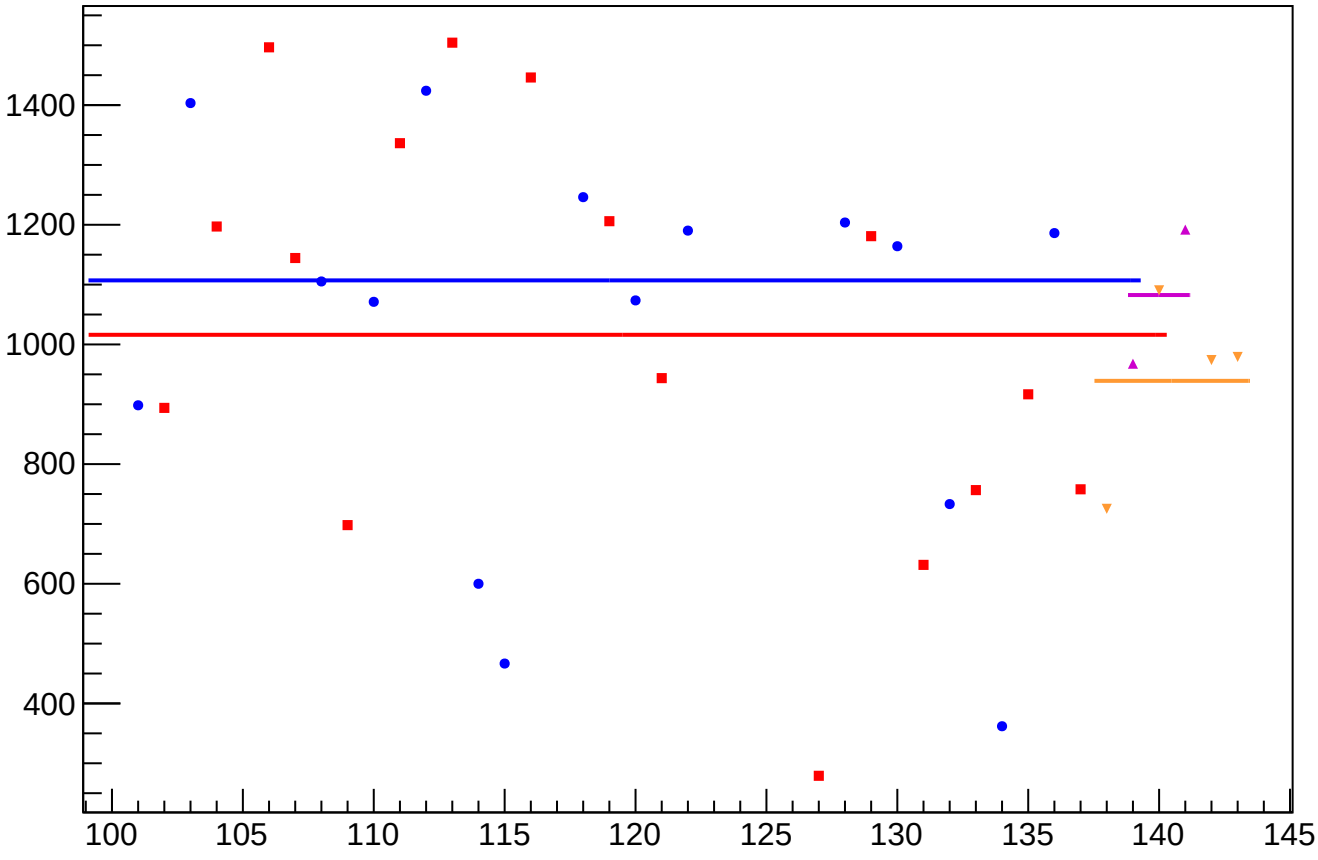
All: 1.450+/-0.000 χ^2/NDF: 4069333486259 4

Right Out: 1.446+/-0.000 χ^2/NDF: 1962966539175233524432710527877 12.0/15

- sign 1.448+/-0.000 χ^2/NDF: 2019657563733373 5

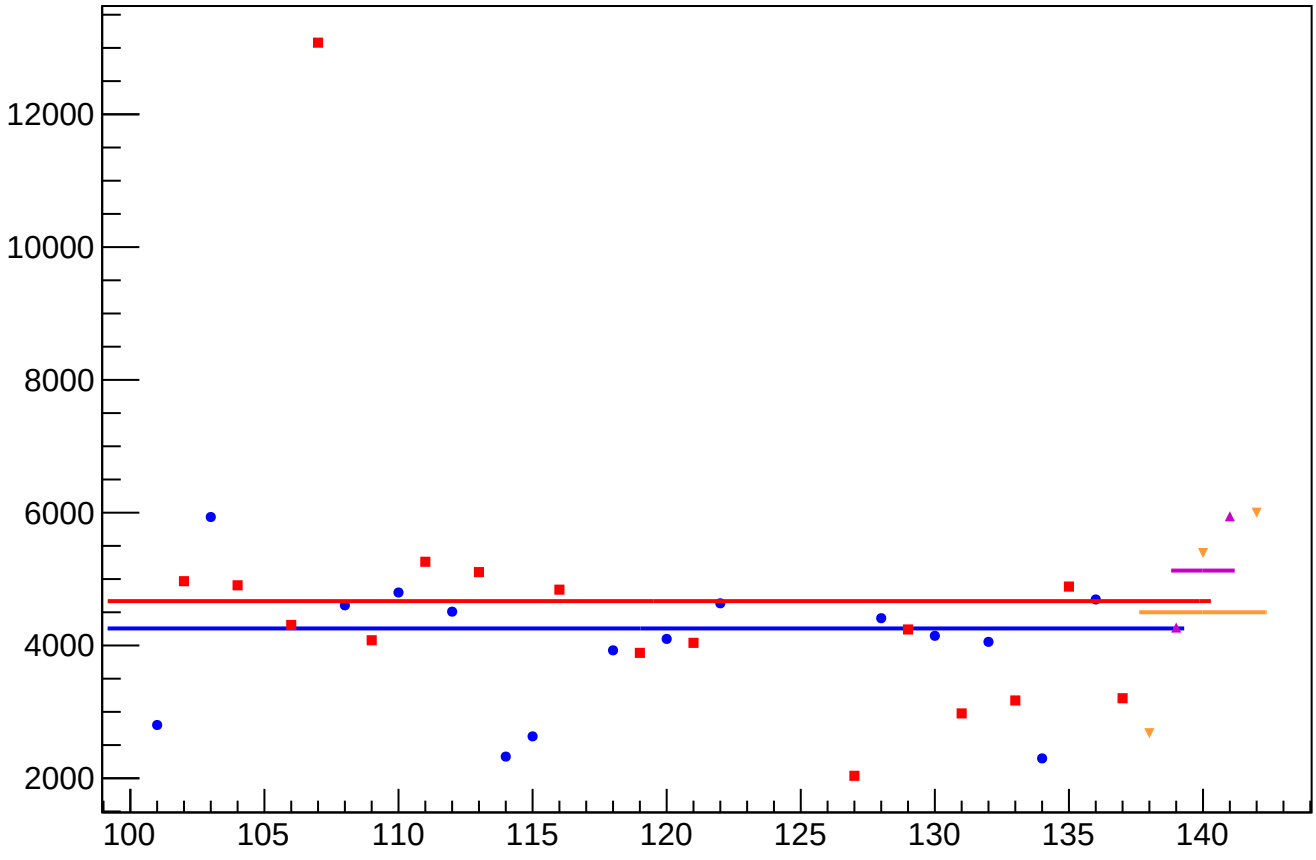
Left In: 1.457+/-0.000 χ^2/NDF:5655312385778462718939092746240.0/1

dit_4eY_coil4_Ndata_mean vs Slug



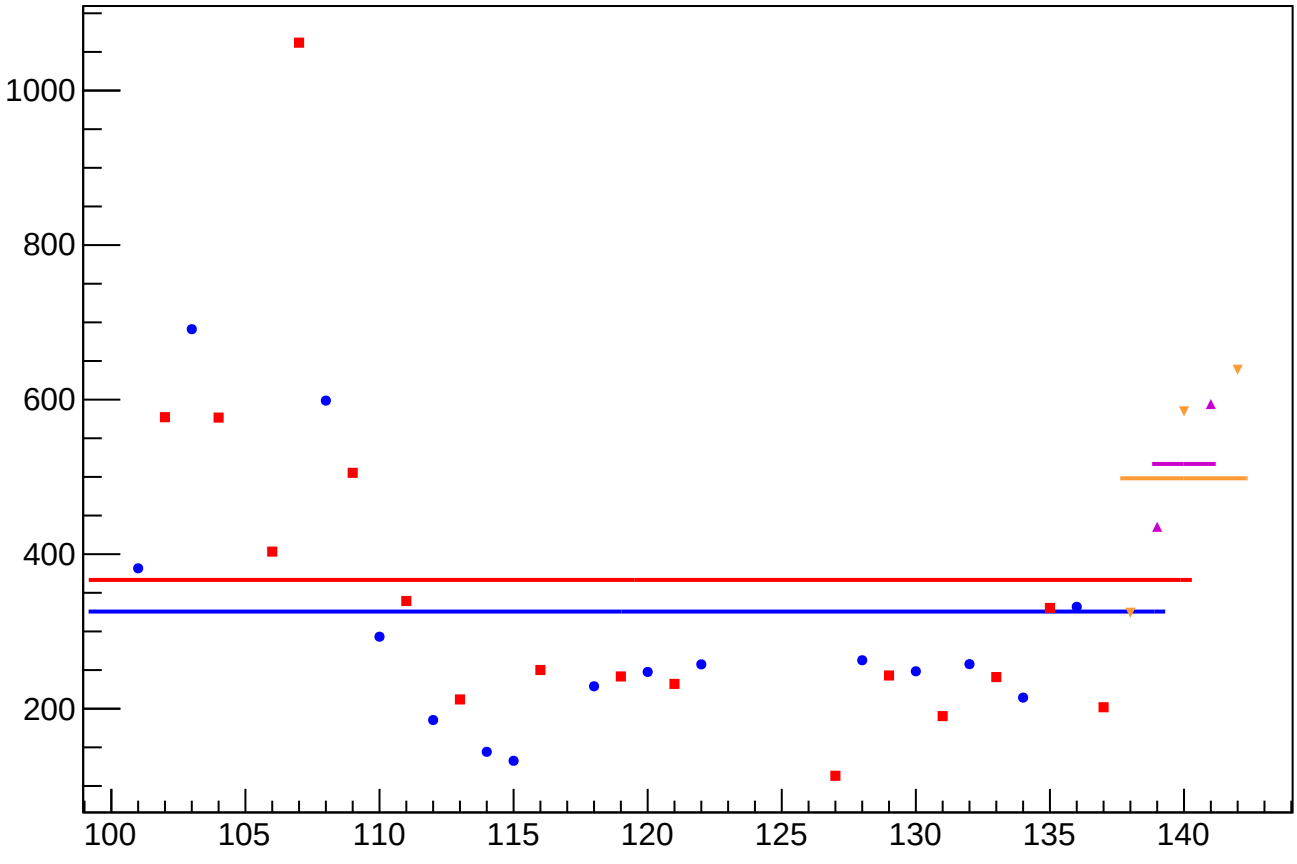
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14
+ sign 4315.127+/-0.000 χ^2/NDF: 9353757490855 3
Left Out: 4500.190+/-0.000 χ^2/NDF:4274758721010994874337084523239020953 60.0/2
All: 4534.452+/-0.000 χ^2/NDF: 4365266663 9
Right Out: 4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15
- sign 4759.568+/-0.000 χ^2/NDF: 3346548326624 4
Left Out: 5128.173+/-0.000 χ^2/NDF:1164552629011876903507713638705219 50208.0/1

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 498.198+/-0.000 χ^2/NDF:3885420750871427656084196852087390208.0/2

Right Out: 366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893452 8.0/15

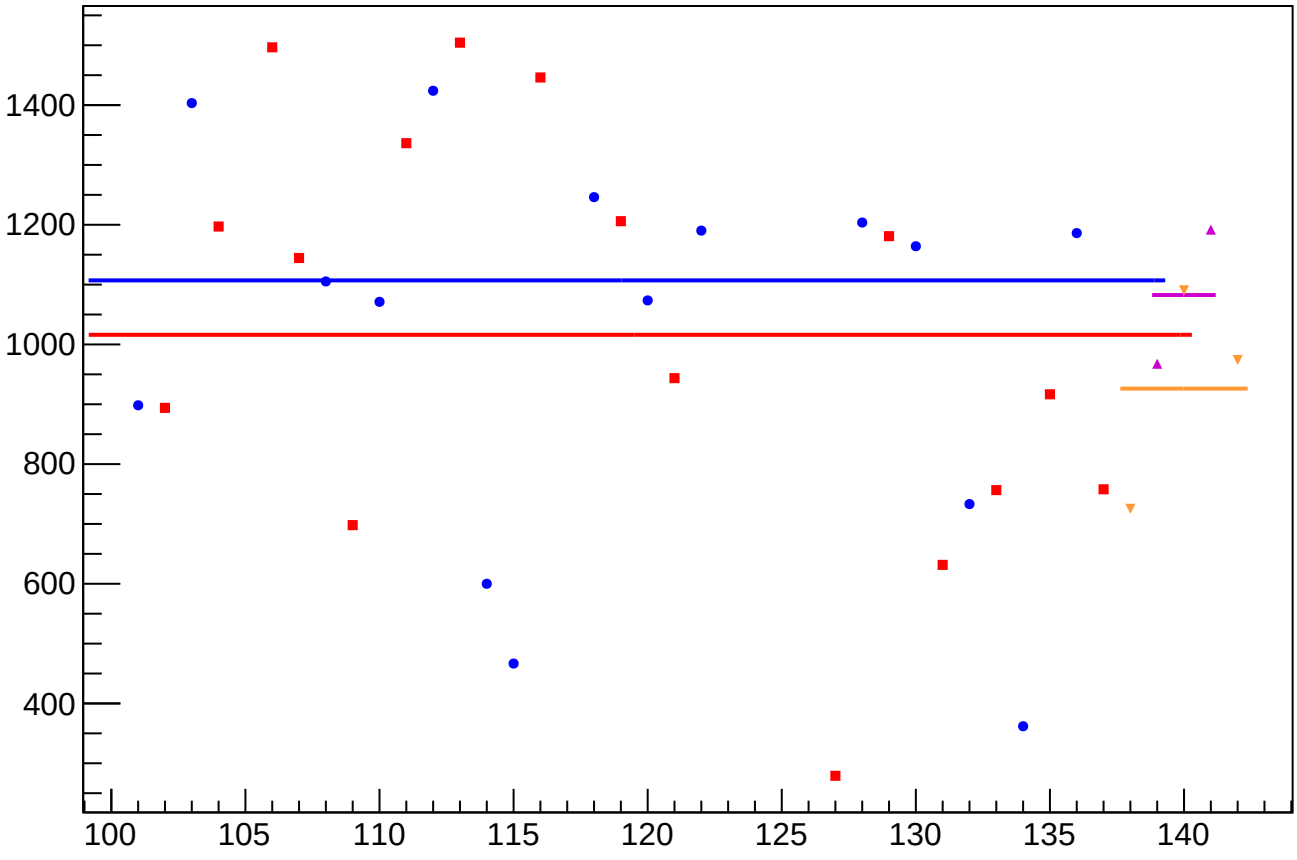
Left In: 516.805+/-0.000 χ^2/NDF:1046623899429148695792299113600516096.0/1

+ sign 367.285+/-0.000 χ^2/NDF: 2316984481958 99

All: 381.751+/-0.000 χ^2/NDF: 5967187523 39

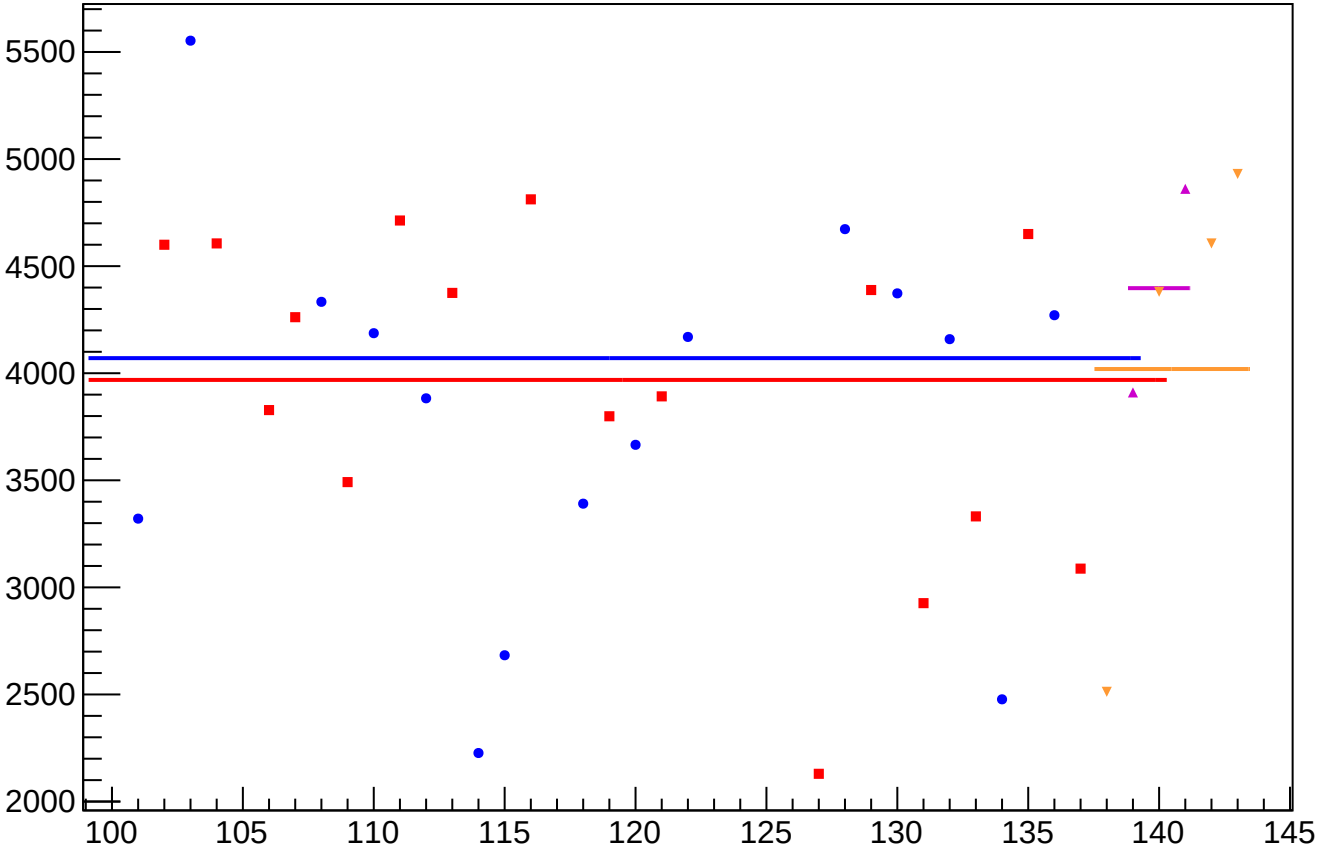
- sign 396.599+/-0.000 χ^2/NDF: 3613947041760 58

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1063.468+/-0.000 χ^2/NDF: 51216084792341
Left Out: 926.155+/-0.000 χ^2/NDF:546533138695852568197173283359241 0112.0/2
All: 1046.633+/-0.000 χ^2/NDF: 1269455501 6
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501 71136.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092 1600.0/1

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

+ sign 4055.401+/-0.000 χ^2/NDF: 6030346647593 6

Left Out: 4019.640+/-0.000 χ^2/NDF:2592568011677664995919790476661704622 08.0/3

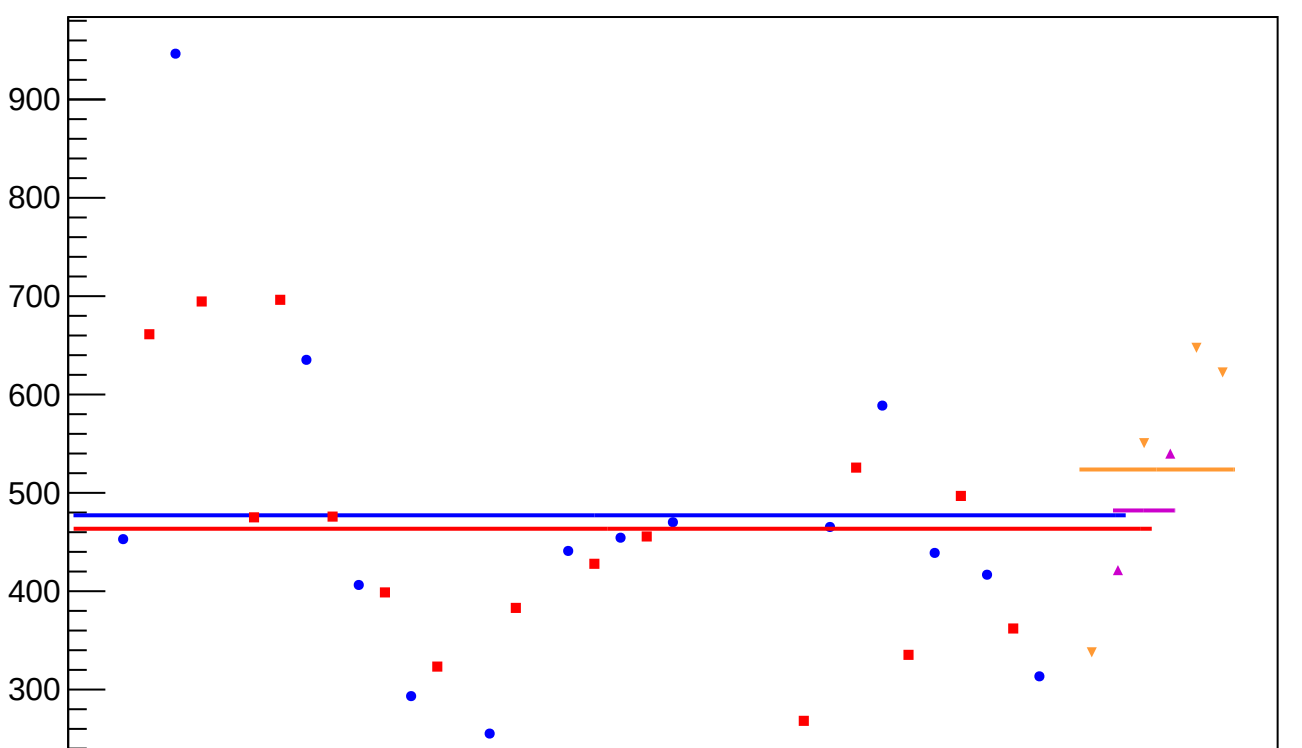
All: 4054.789+/-0.000 χ^2/NDF: 1024885988 7

Right Out: 3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

- sign 4054.112+/-0.000 χ^2/NDF: 4218505974582 8

Left In: 4397.214+/-0.000 χ^2/NDF:3749008072683273766382507946276185702 4.0/1

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 523.755+/-0.000 χ^2/NDF:411128880399089406747399821464489 1648.0/3

Right Out: 463.513+/-0.000 χ^2/NDF: 125567779310699033700318323881845719 04.0/15

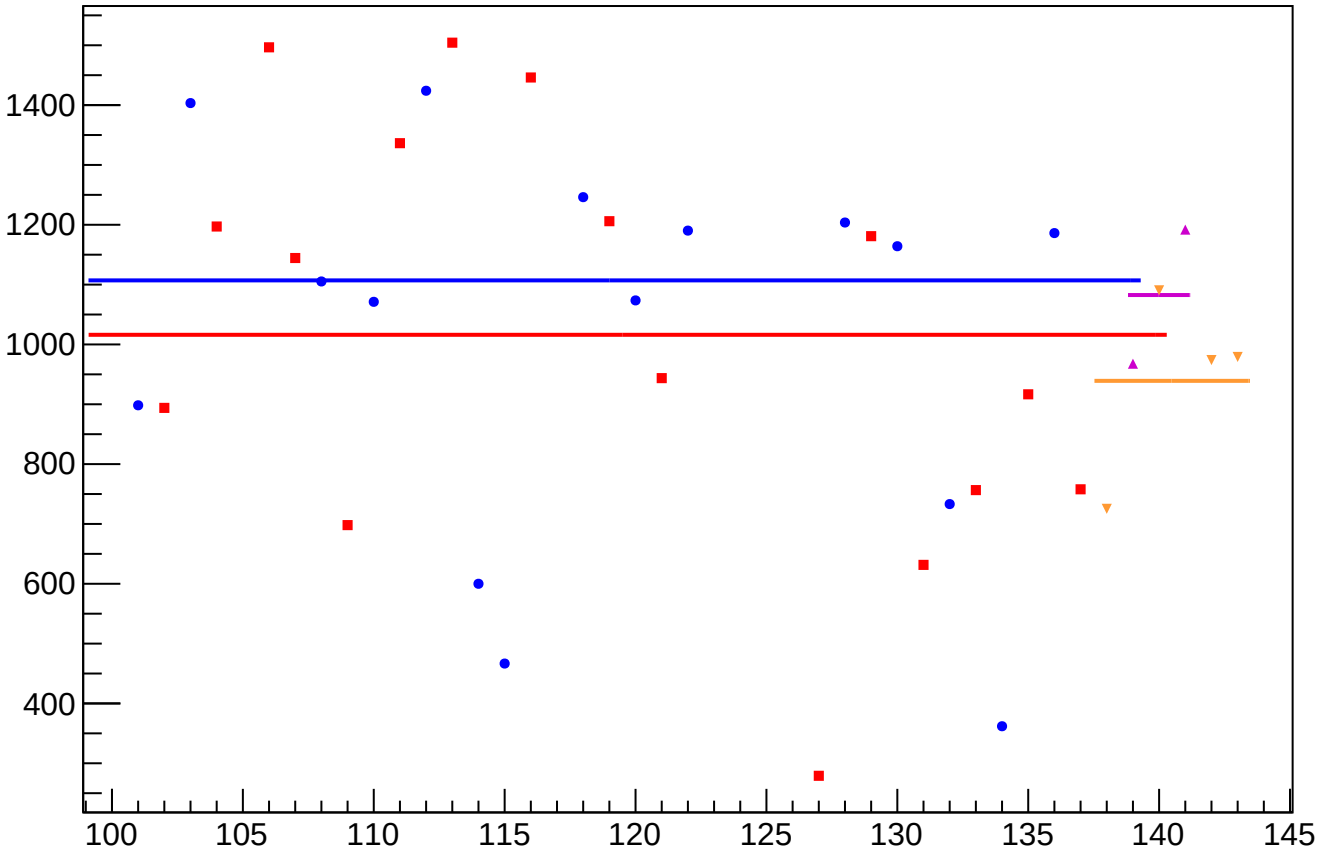
Left In: 482.107+/-0.000 χ^2/NDF:582207873395172478913456786496290816.0/1

+ sign 490.975+/-0.000 χ^2/NDF: 249837419387493

All: 479.699+/-0.000 χ^2/NDF: 38415677812 1

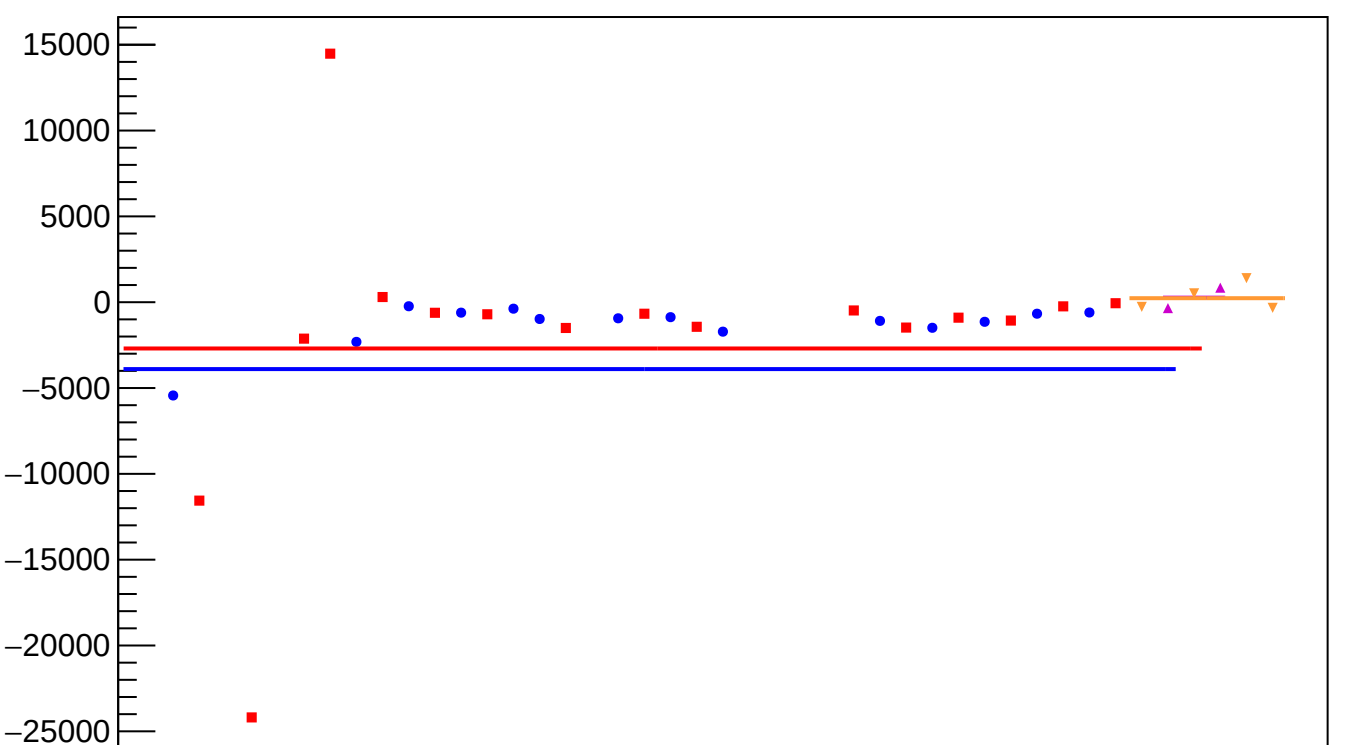
- sign 467.218+/-0.000 χ^2/NDF: 131849448466708

dit_usr_coil4_Ndata_mean vs Slug



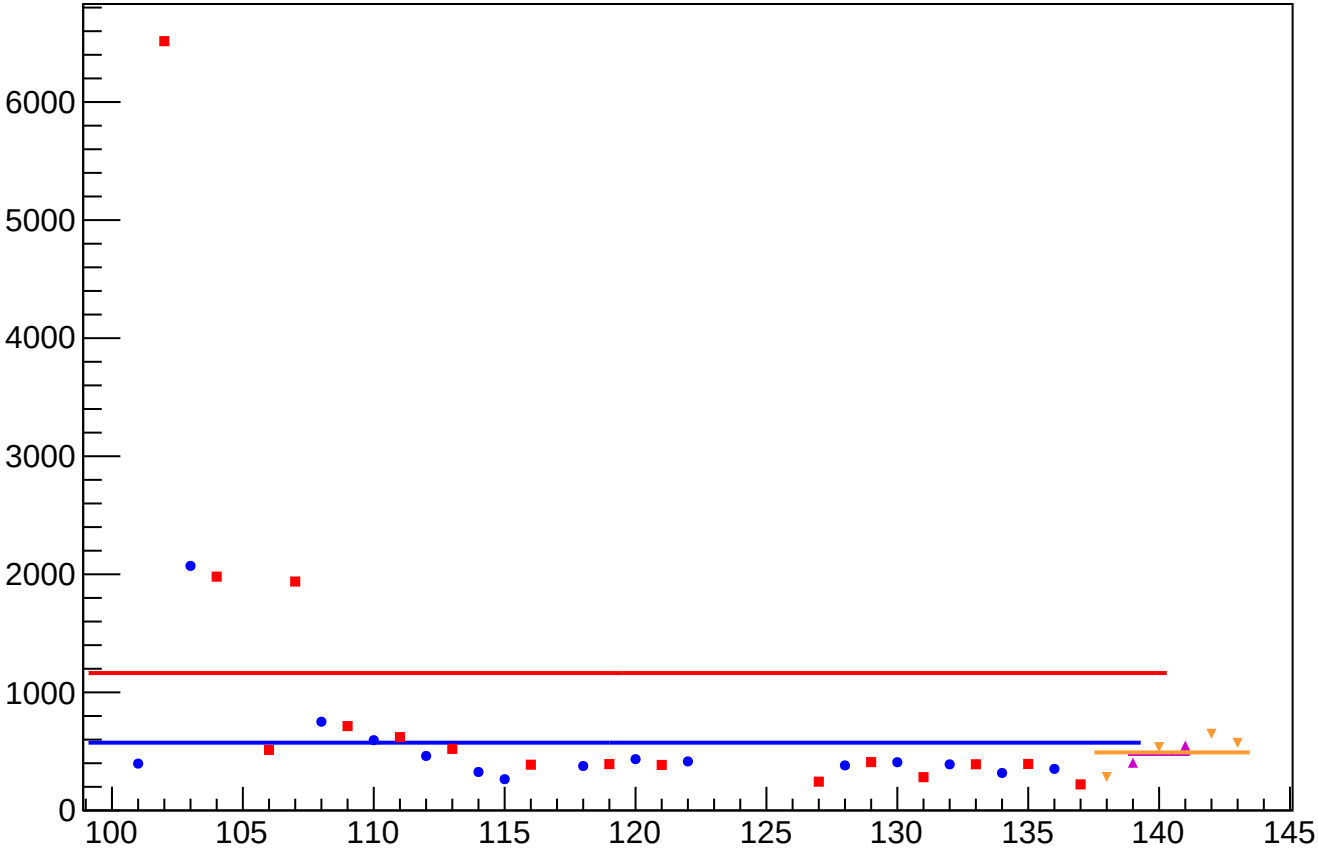
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 5165828375471 6
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103 7
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_atl1_coil4_mean vs Slug



Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
+ sign -2673.641+/-0.000 χ^2/NDF: 4300666073491
Left Out: 233.503+/-0.000 χ^2/NDF:110267501983986472792132507117580976128.0/3
All: -2404.103+/-0.000 χ^2/NDF: 8519508570
Right Out: -2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
- sign -2105.767+/-0.000 χ^2/NDF: 42047300739030
Left In: 265.798+/-0.000 χ^2/NDF:588404835772305195530560834457315573 76.0/1

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF: 15210522988916042301849370958239052595 2.0/14

+ sign 549.657+/-0.000 χ^2/NDF: 15855122106003

Left Out: 491.653+/-0.000 χ^2/NDF:5141159459776657785868254059876581376.0/3

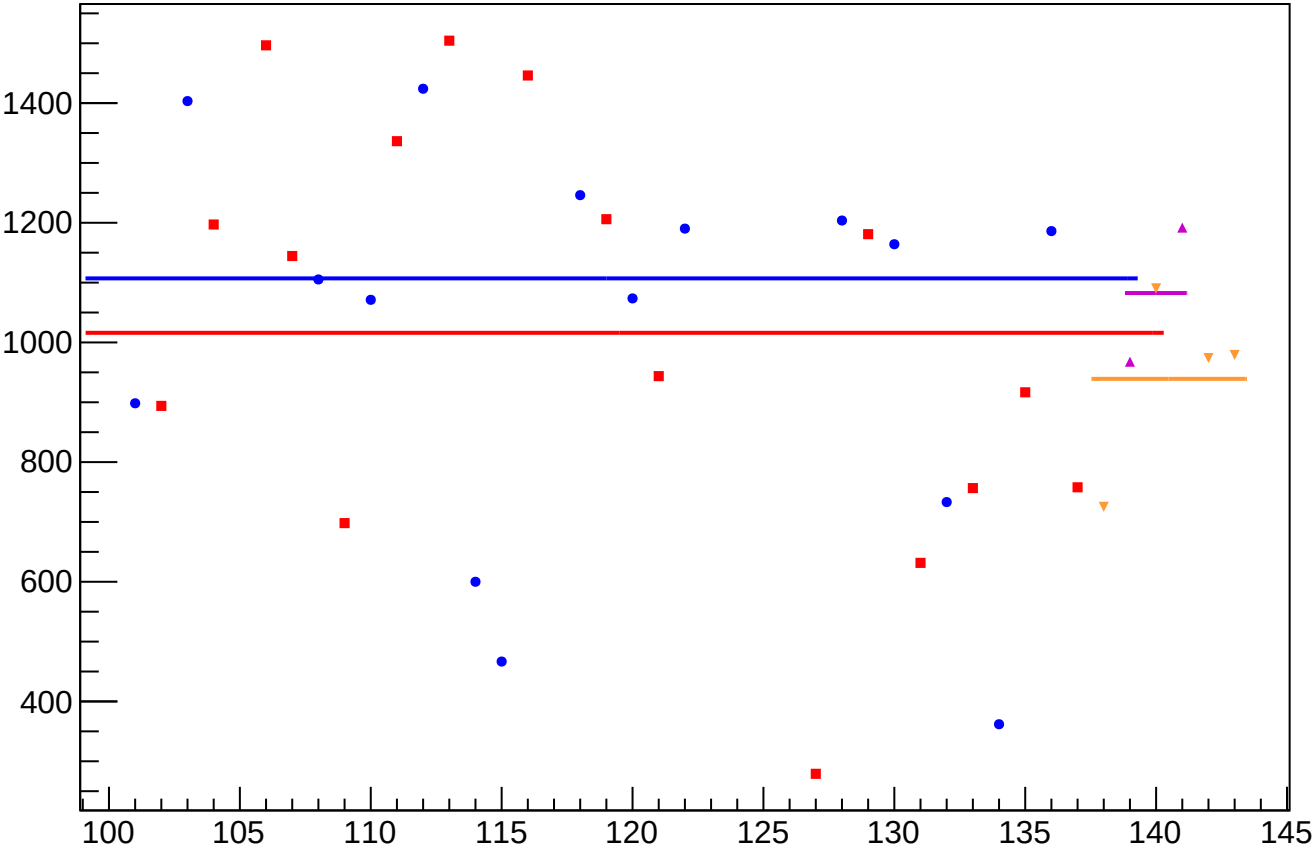
All: 776.290+/-0.000 χ^2/NDF: 2324802345 77

Right Out: 1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15

- sign 1027.137+/-0.000 χ^2/NDF: 20664788783422

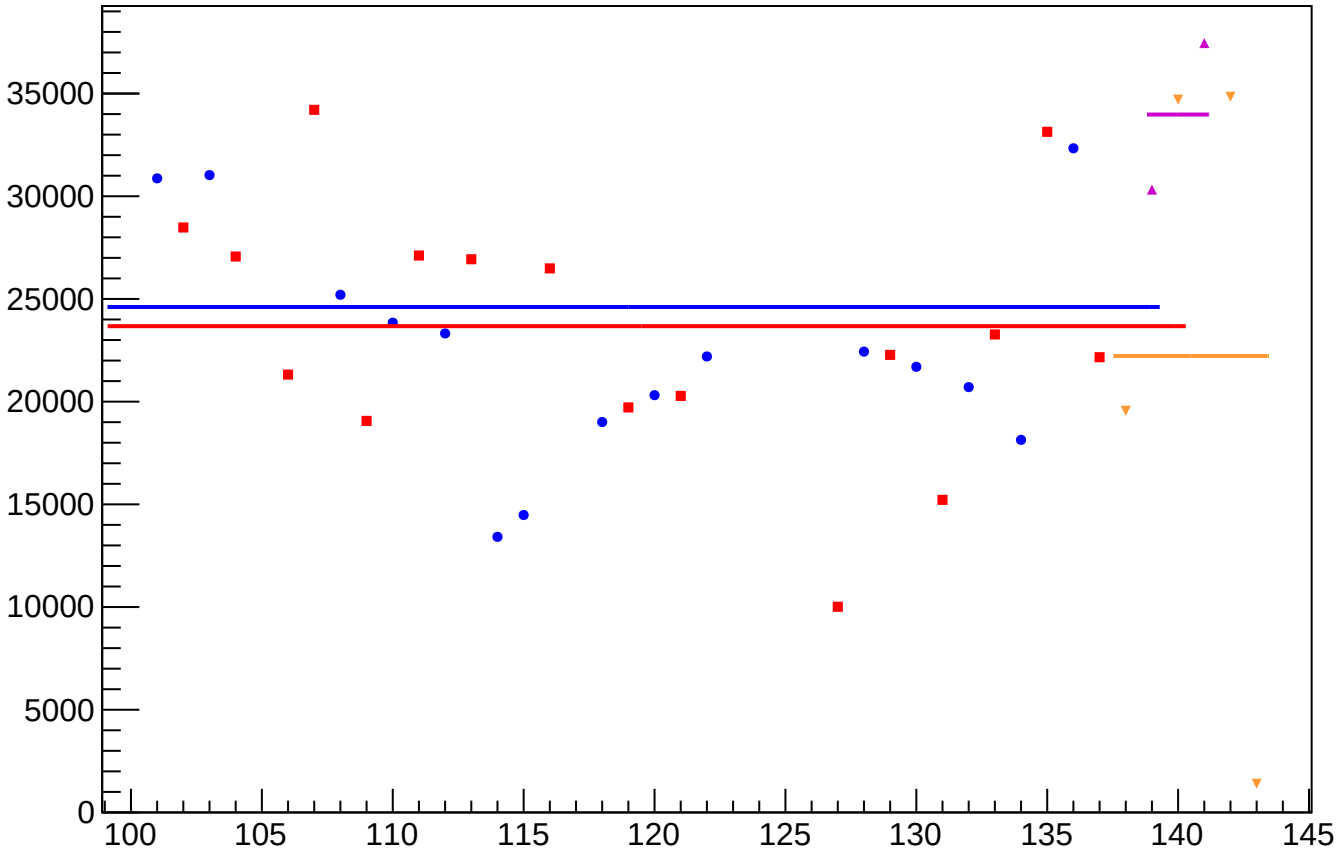
Left In: 478.430+/-0.000 χ^2/NDF:866669819364960689156296399298494464.0/1

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0/14

+ sign 23902.789+/-0.000 χ^2/NDF: 6835802887657

Left Out: 22224.489+/-0.000 χ^2/NDF:4971001283441157248056665482577117918003 2.0/3

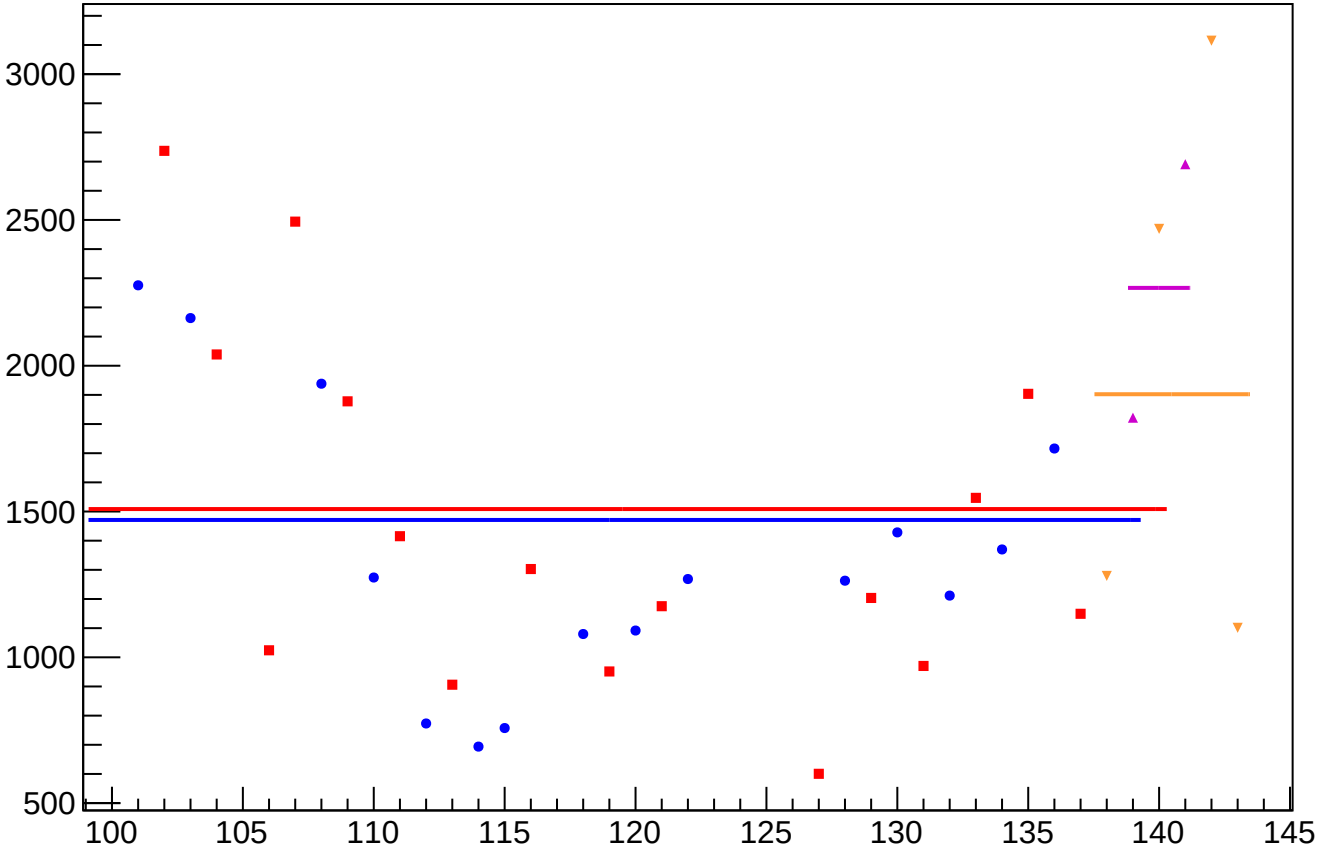
All: 24768.796+/-0.000 χ^2/NDF: 1108617153

Right Out: 23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

- sign 25727.330+/-0.000 χ^2/NDF: 4104686594869

Left In: 33978.011+/-0.000 χ^2/NDF:2110042771633006072106264331150449180672.0/1

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF: 139174979420467841073894167956452016128.0/14

+ sign 1598.767+/-0.000 χ^2/NDF: 3421885199909

Left Out: 1902.282+/-0.000 χ^2/NDF:167285626624842993773234689208519491584.0/3

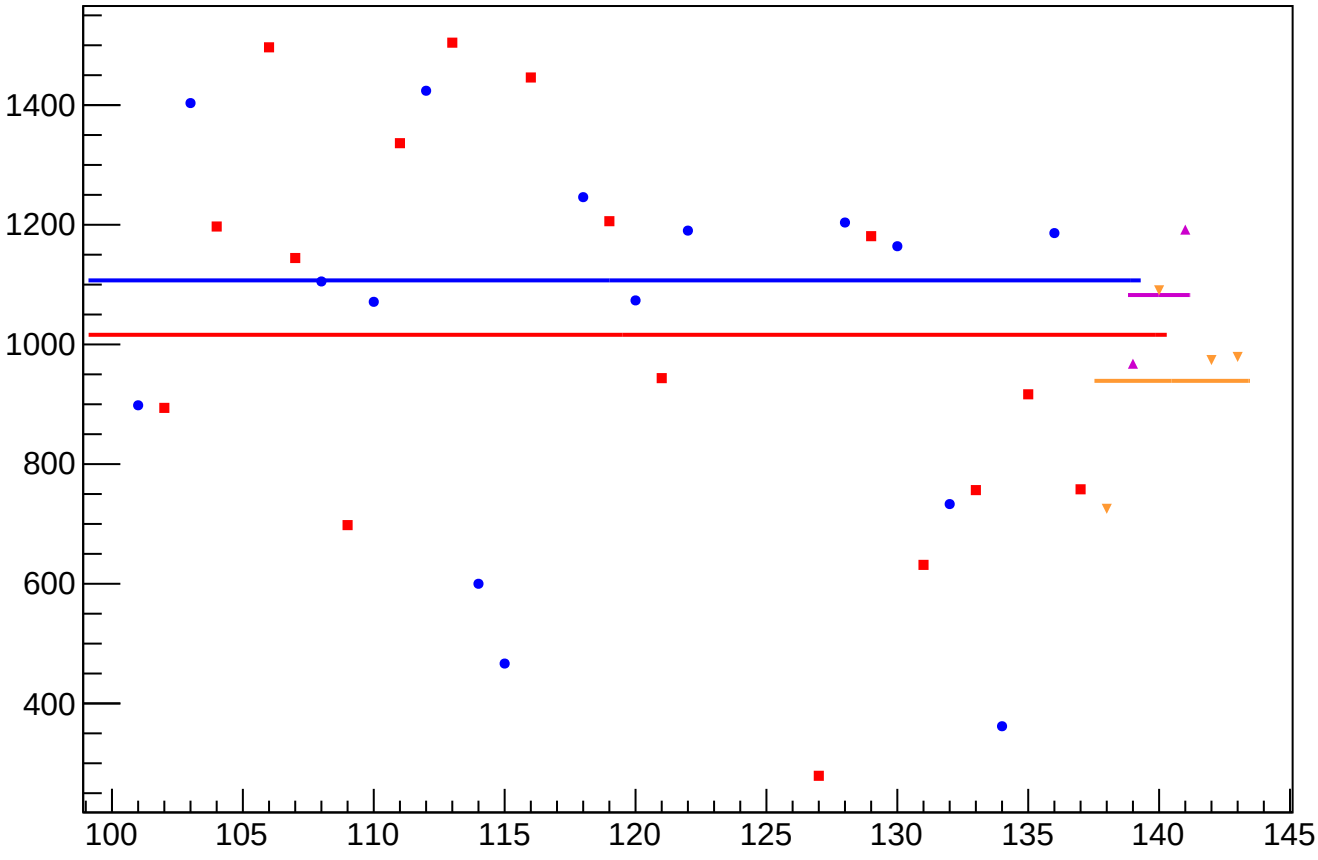
All: 1627.644+/-0.000 χ^2/NDF: 7017101062

Right Out: 1508.451+/-0.000 χ^2/NDF: 250085163770425050605763446985715613696.0/15

- sign 1659.607+/-0.000 χ^2/NDF: 35790173184468

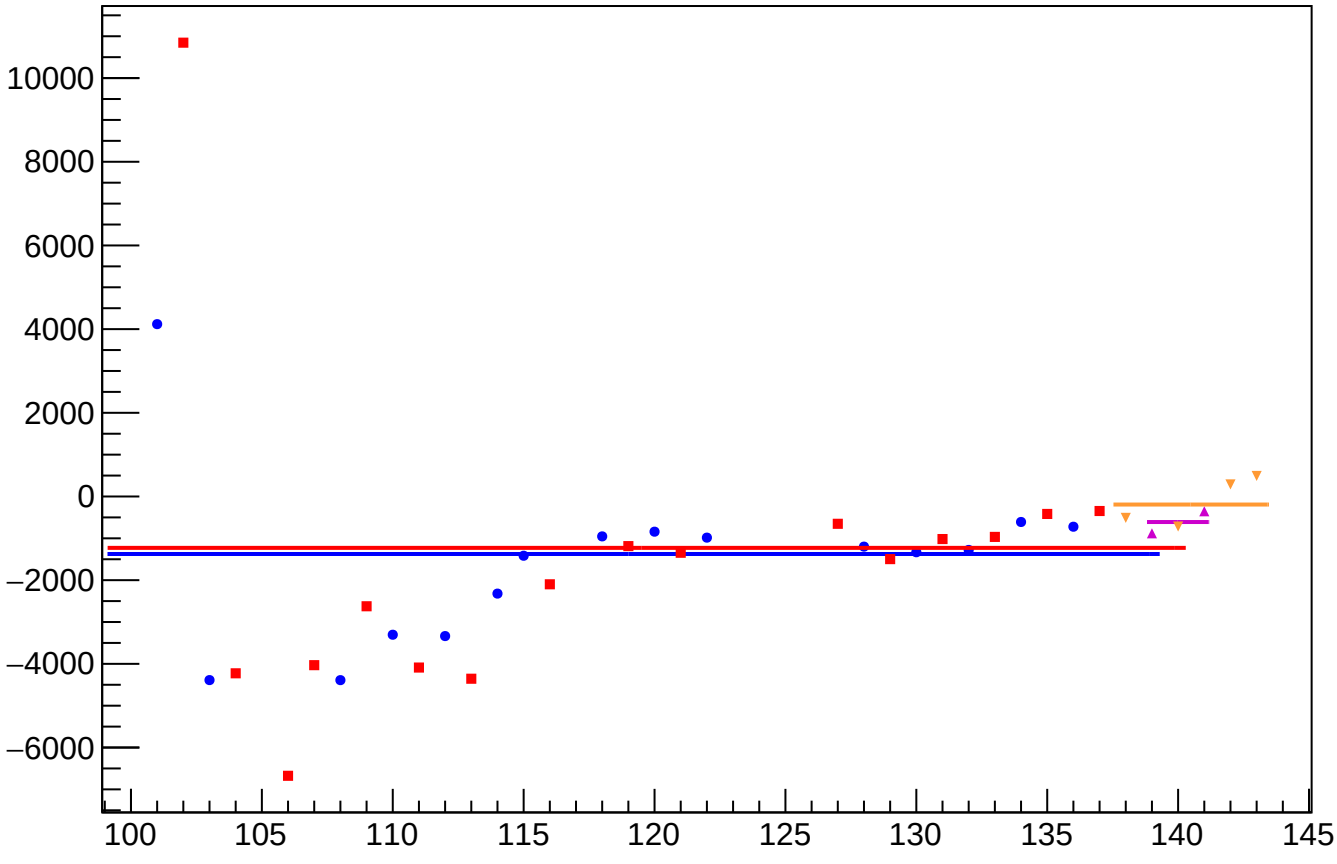
Left In: 2266.965+/-0.000 χ^2/NDF:313421201438569546224476149534875975 68.0/1

dit_atl2_coil4_Ndata_mean vs Slug



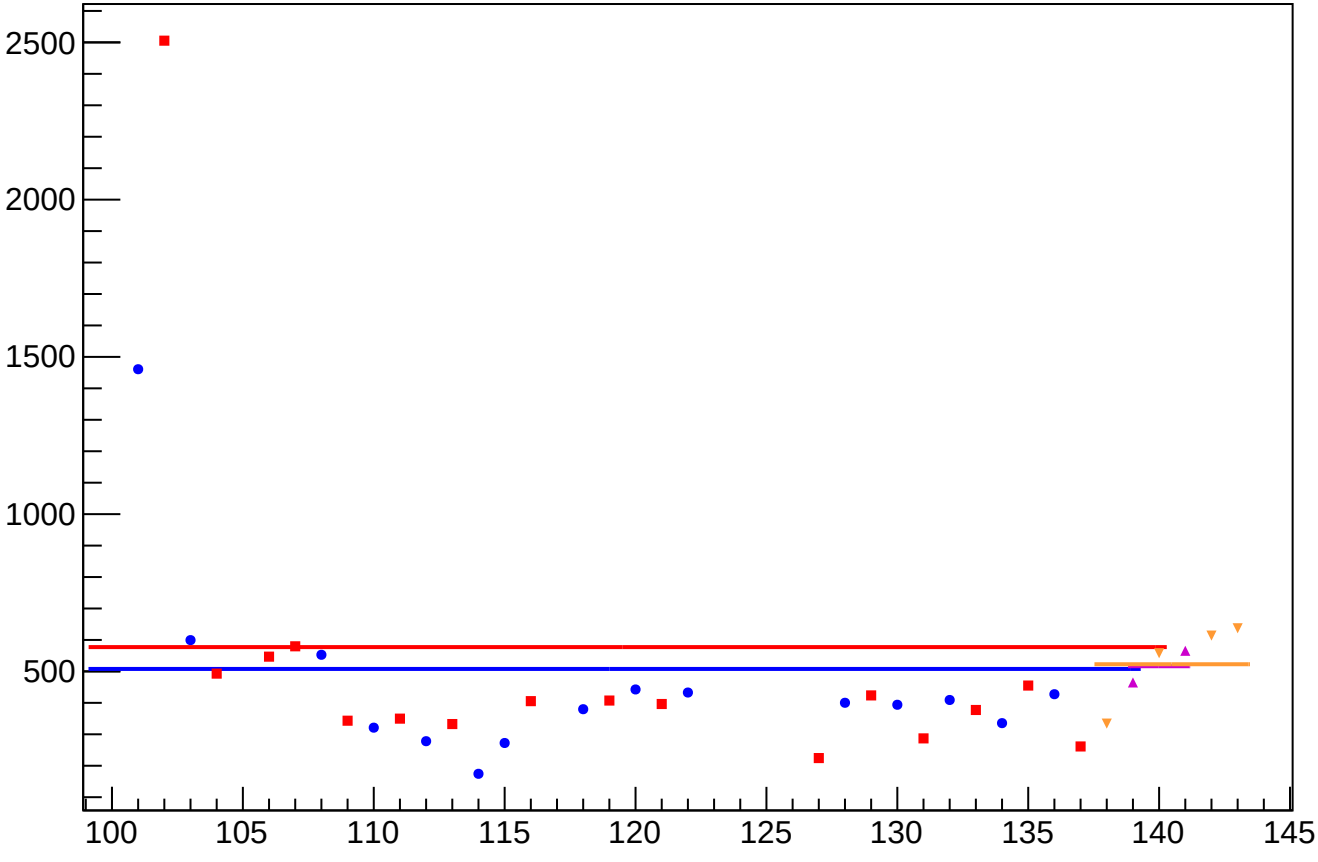
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 5165828375471 6
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103 7
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
+ sign -1024.504+/-0.000 χ^2/NDF: 3413775430727
Left Out: -192.438+/-0.000 χ^2/NDF:724873686614777377381233279909274583 04.0/3
All: -1062.628+/-0.000 χ^2/NDF: 1459410147
Right Out: -1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15
- sign -1104.826+/-0.000 χ^2/NDF: 1117750263041 5
Left In: -610.391+/-0.000 χ^2/NDF:1150851447157538355790271710571895193 6.0/1

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

+ sign 512.235+/-0.000 χ^2/NDF: 683208421586906

Left Out: 522.757+/-0.000 χ^2/NDF:413797680194135069011602654757493145 6.0/3

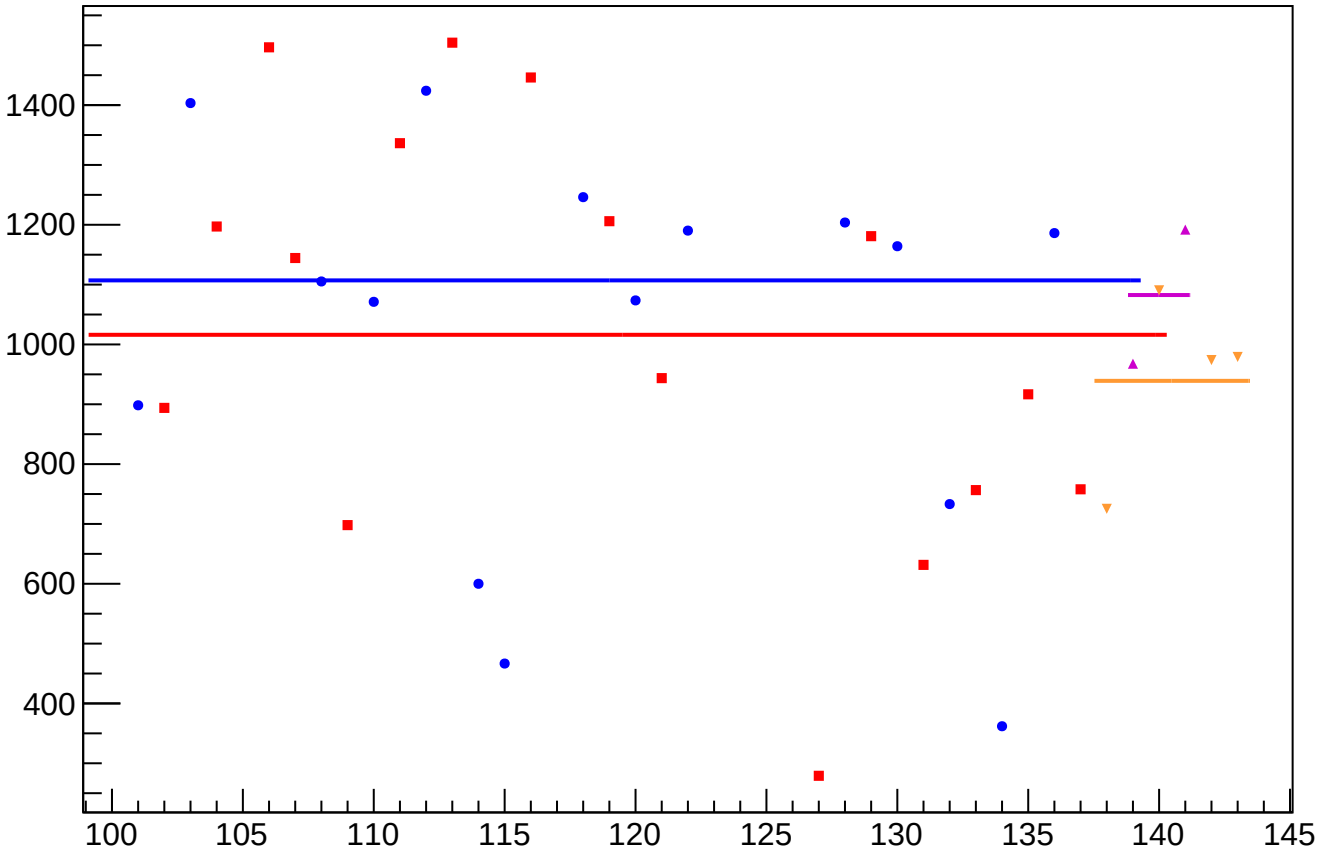
All: 537.342+/-0.000 χ^2/NDF: 311746256179

Right Out: 577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

- sign 565.132+/-0.000 χ^2/NDF: 242200935188313

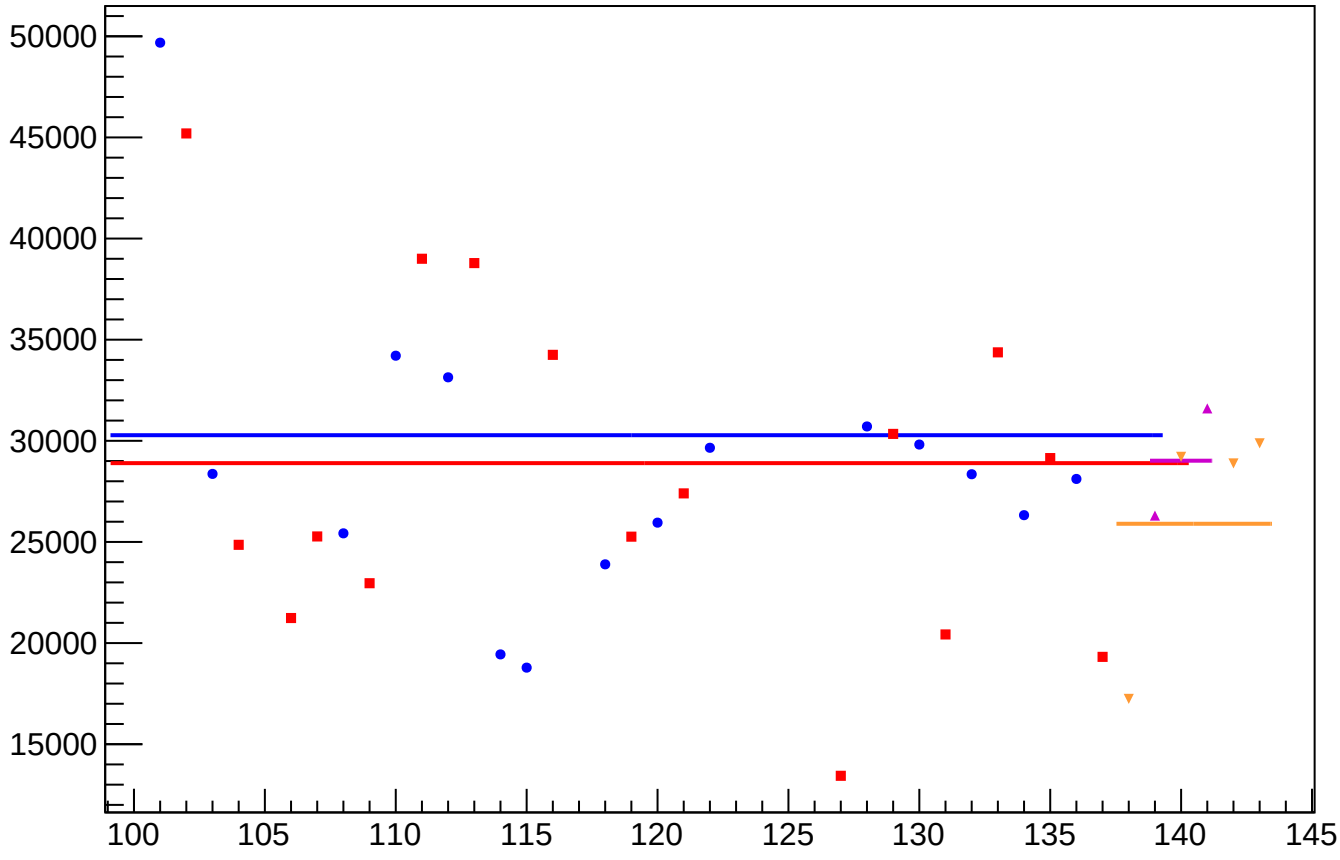
Left In: 516.438+/-0.000 χ^2/NDF:420591558322302543338216010314416128.0/1

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

+ sign 28981.002+/-0.000 χ^2/NDF: 4287621520741

Left Out: 25898.497+/-0.000 χ^2/NDF:821507922897715817729339788721649614848 0.0/3

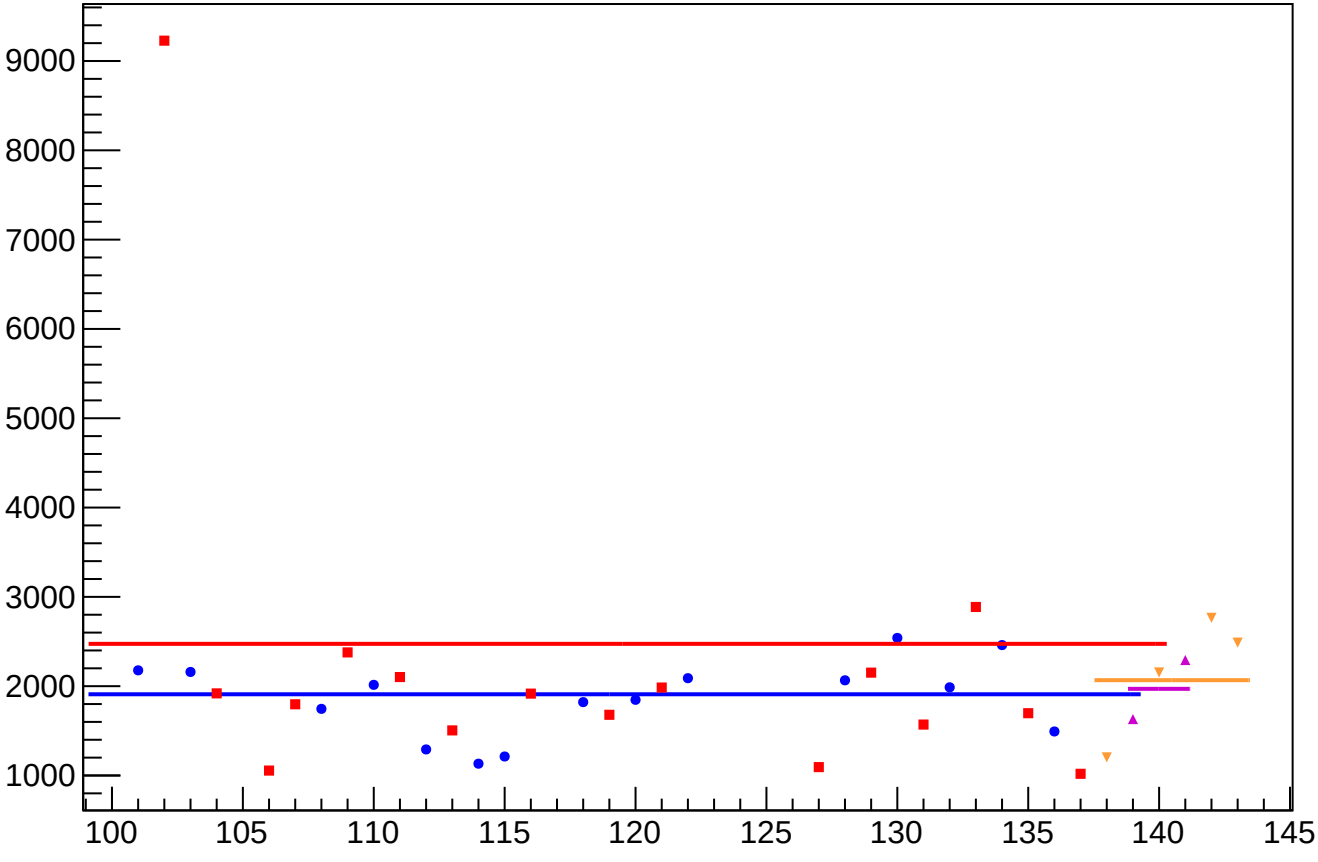
All: 28952.196+/-0.000 χ^2/NDF: 9101436711

Right Out: 28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

- sign 28920.313+/-0.000 χ^2/NDF: 4813654010152

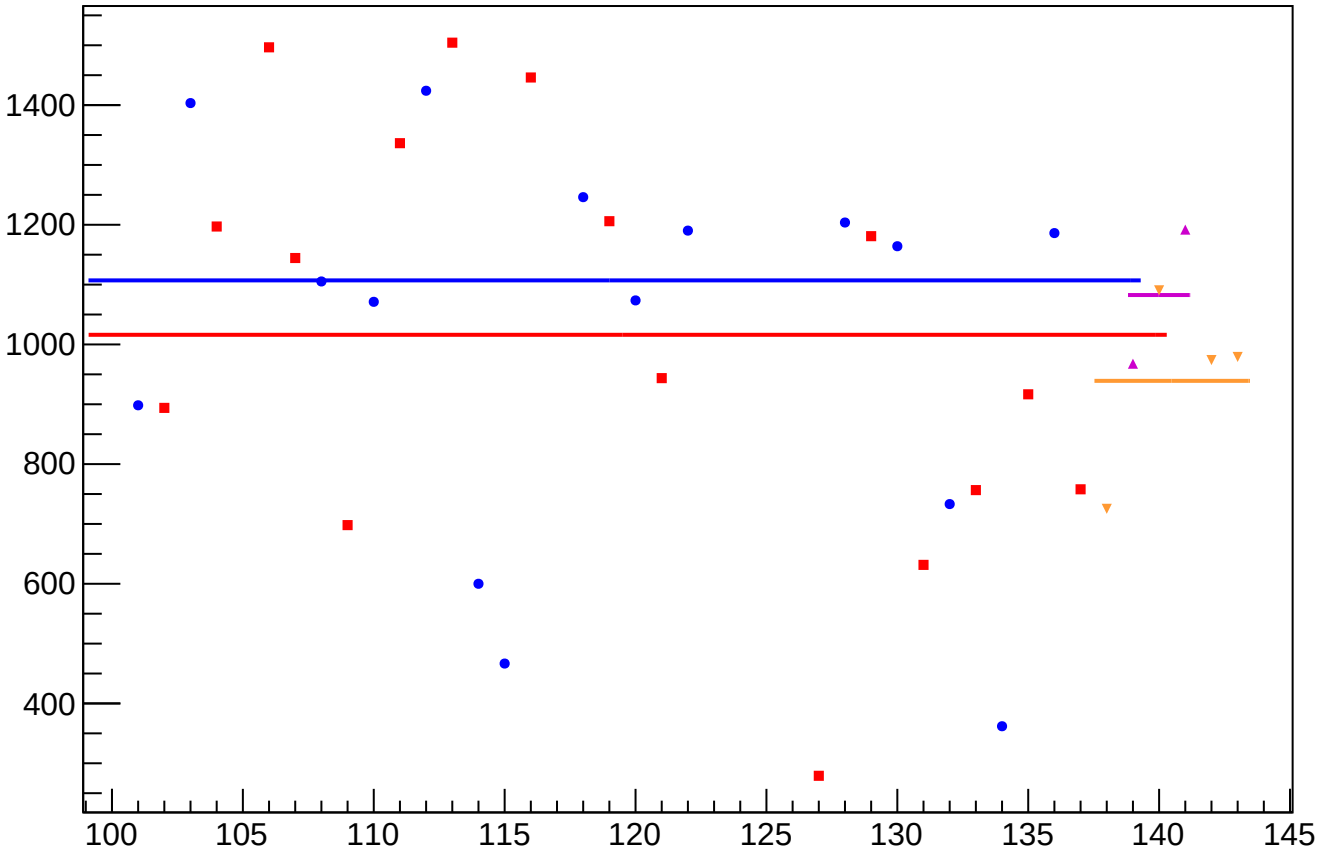
Left In: 29016.728+/-0.000 χ^2/NDF:116510891475962782345596456044441737 6256.0/1

dit_atr2_coil4_err_mean vs Slug



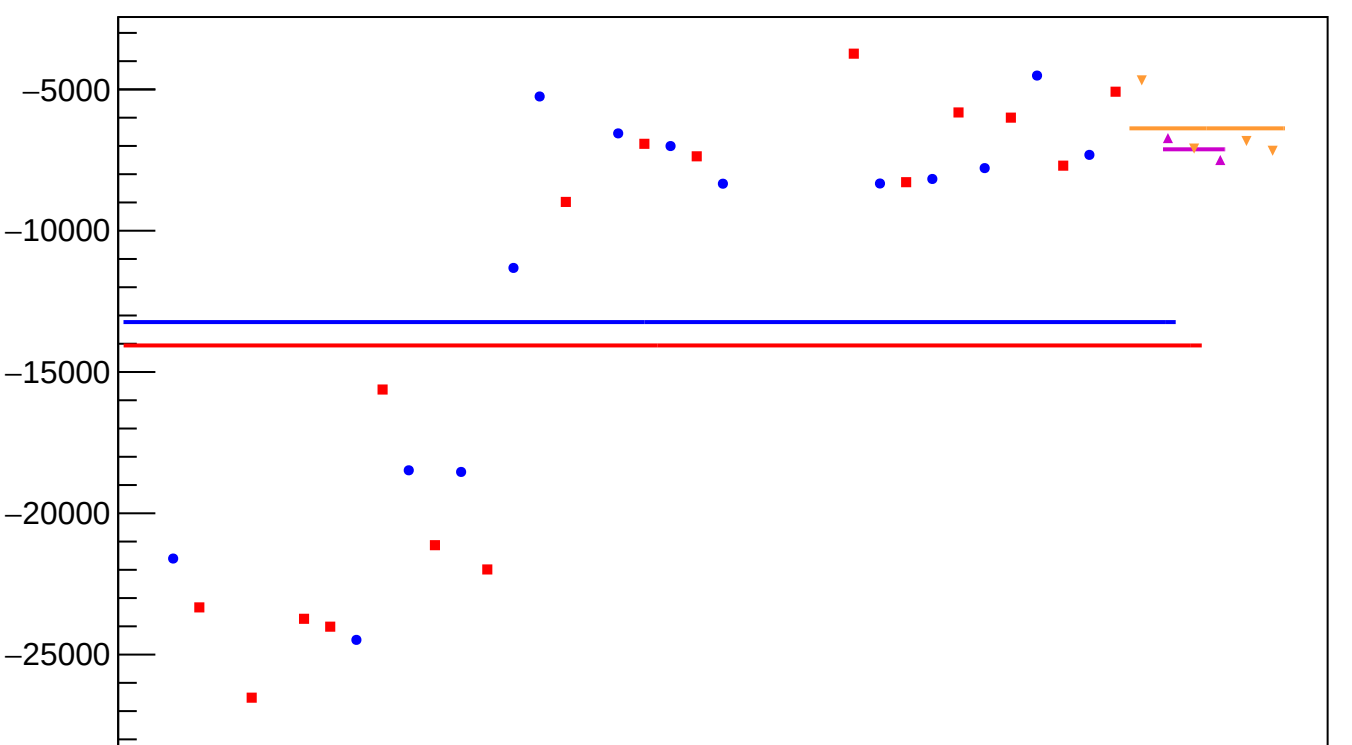
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
+ sign 1956.108+/-0.000 χ^2/NDF: 1855560366150 0
Left Out: 2067.066+/-0.000 χ^2/NDF:93144148052591039965764245047383949312.0/3
All: 2154.264+/-0.000 χ^2/NDF: 3347610227 3
Right Out: 2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
- sign 2373.592+/-0.000 χ^2/NDF: 30857797177182
Left In: 1970.239+/-0.000 χ^2/NDF:181430794888427931885909869025757757 44.0/1

dit_atr2_coil4_Ndata_mean vs Slug



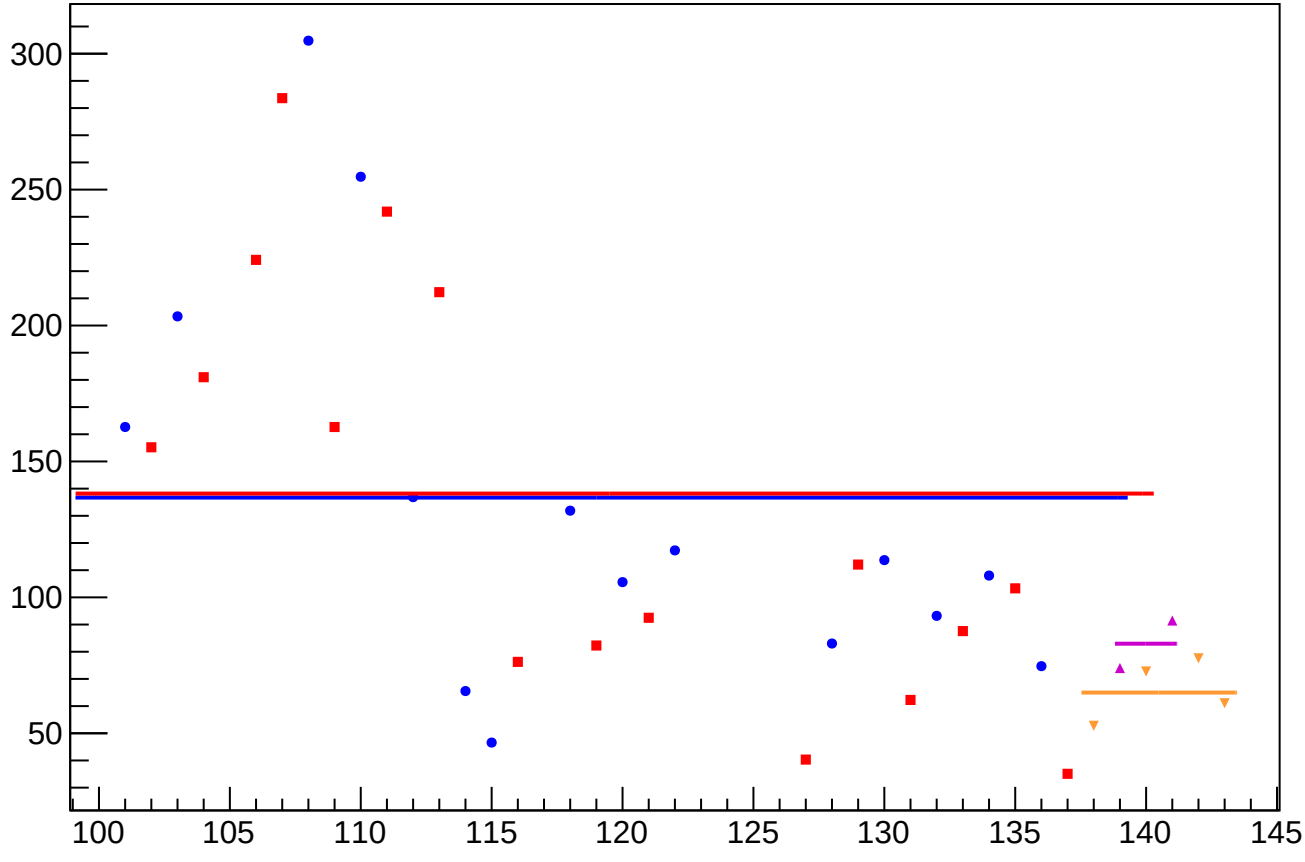
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14
+ sign -11203.385+/-0.000 χ^2/NDF: 506075322762
Left Out: -6377.530+/-0.000 χ^2/NDF:3182106606685520688451240305458119966720.0/3
All: -11902.814+/-0.000 χ^2/NDF: 102476485
Right Out: -14060.103+/-0.000 χ^2/NDF: 4449059475428016176640555691571138684518 4.0/15
- sign -12676.972+/-0.000 χ^2/NDF: 509186764460
Left In: -7119.448+/-0.000 χ^2/NDF:2498798033764494892487849557422715699 2.0/1

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

+ sign 115.471+/-0.000 χ^2/NDF: 370078835094689

Left Out: 64.979+/-0.000 χ^2/NDF:2494074717361694850003503337701376 0.0/3

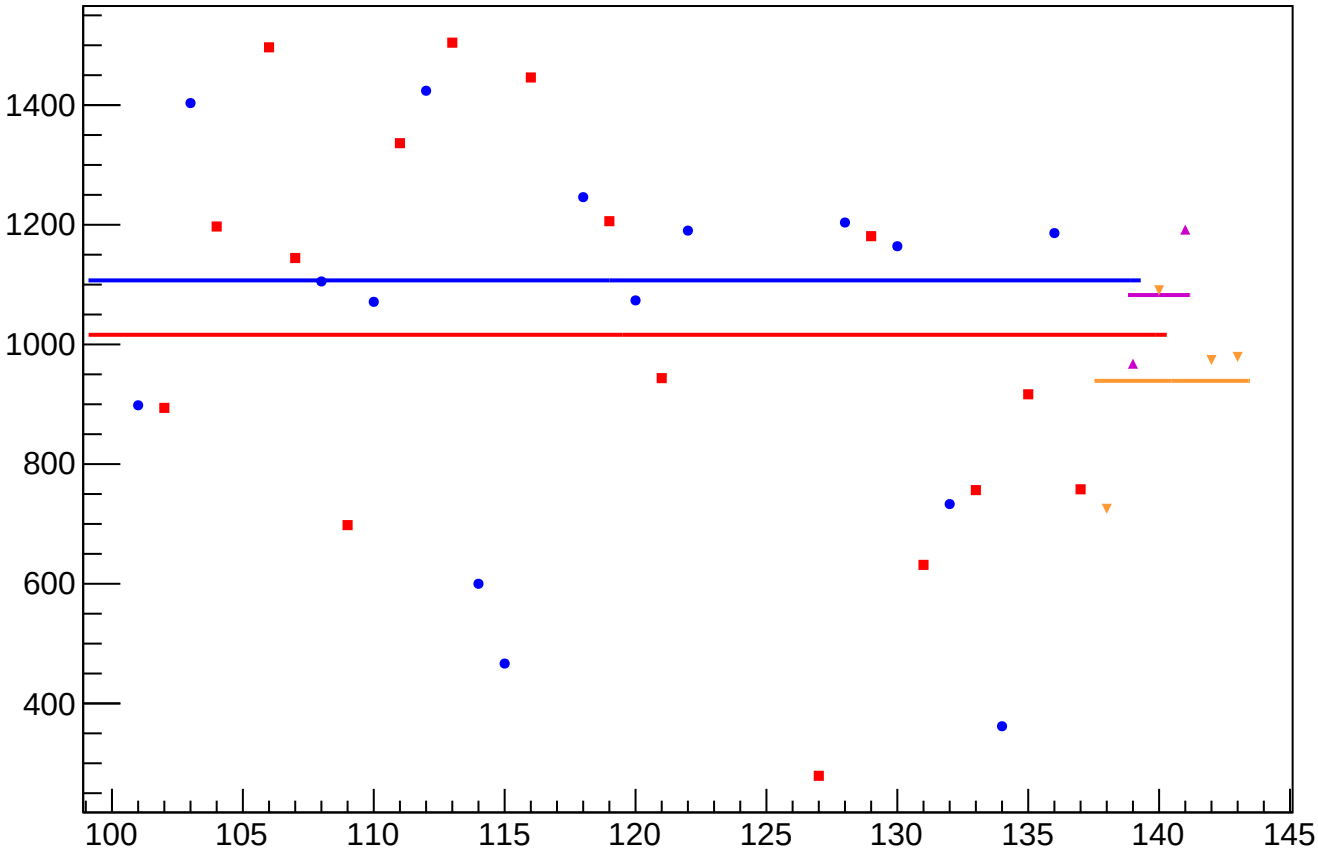
All: 121.026+/-0.000 χ^2/NDF: 74096501965 4

Right Out: 138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

- sign 127.174+/-0.000 χ^2/NDF: 364892510671264

Left In: 82.955+/-0.000 χ^2/NDF:1267806068413504139635396052831 4368.0/1

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716

Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3

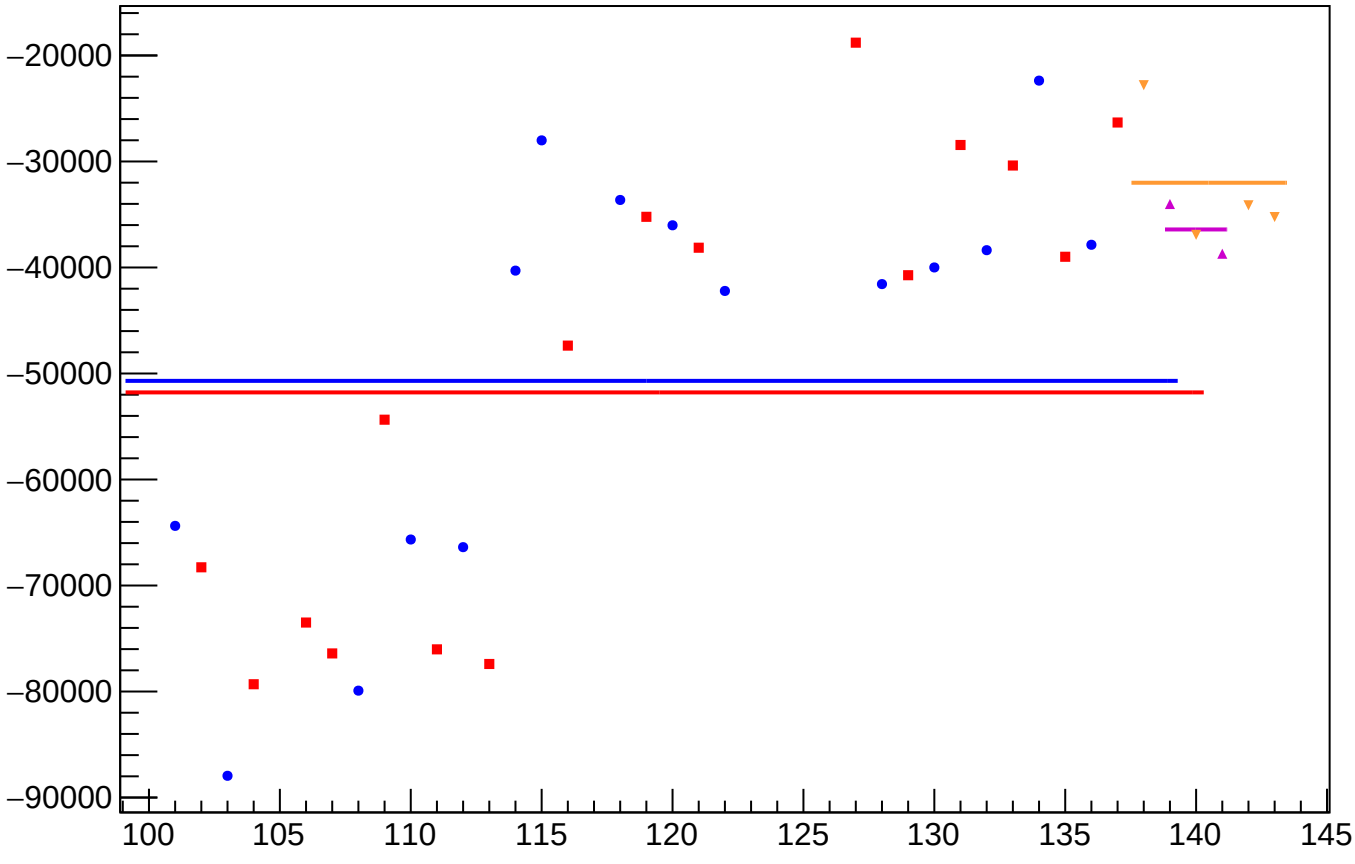
All: 1044.055+/-0.000 χ^2/NDF: 1272394103

Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419

Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14

Left Out: -32006.240+/-0.000 χ^2/NDF:9496290077292994844335429284665499844608.0/3

Right Out: -51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

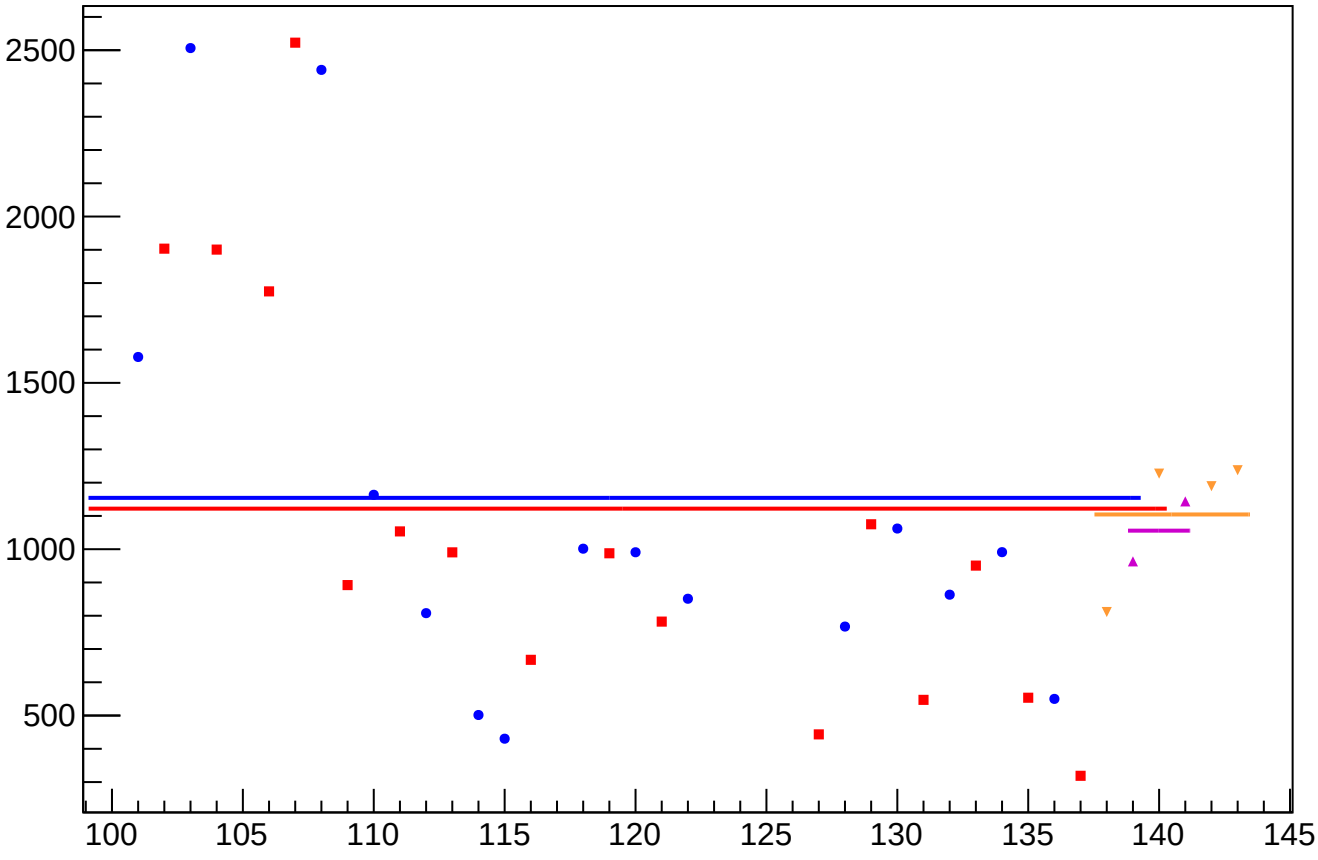
Left In: -36412.701+/-0.000 χ^2/NDF:9121290889240799453961811290968744263 68.0/1

+ sign -45161.642+/-0.000 χ^2/NDF: 303230677837

All: -46850.947+/-0.000 χ^2/NDF: 622881317

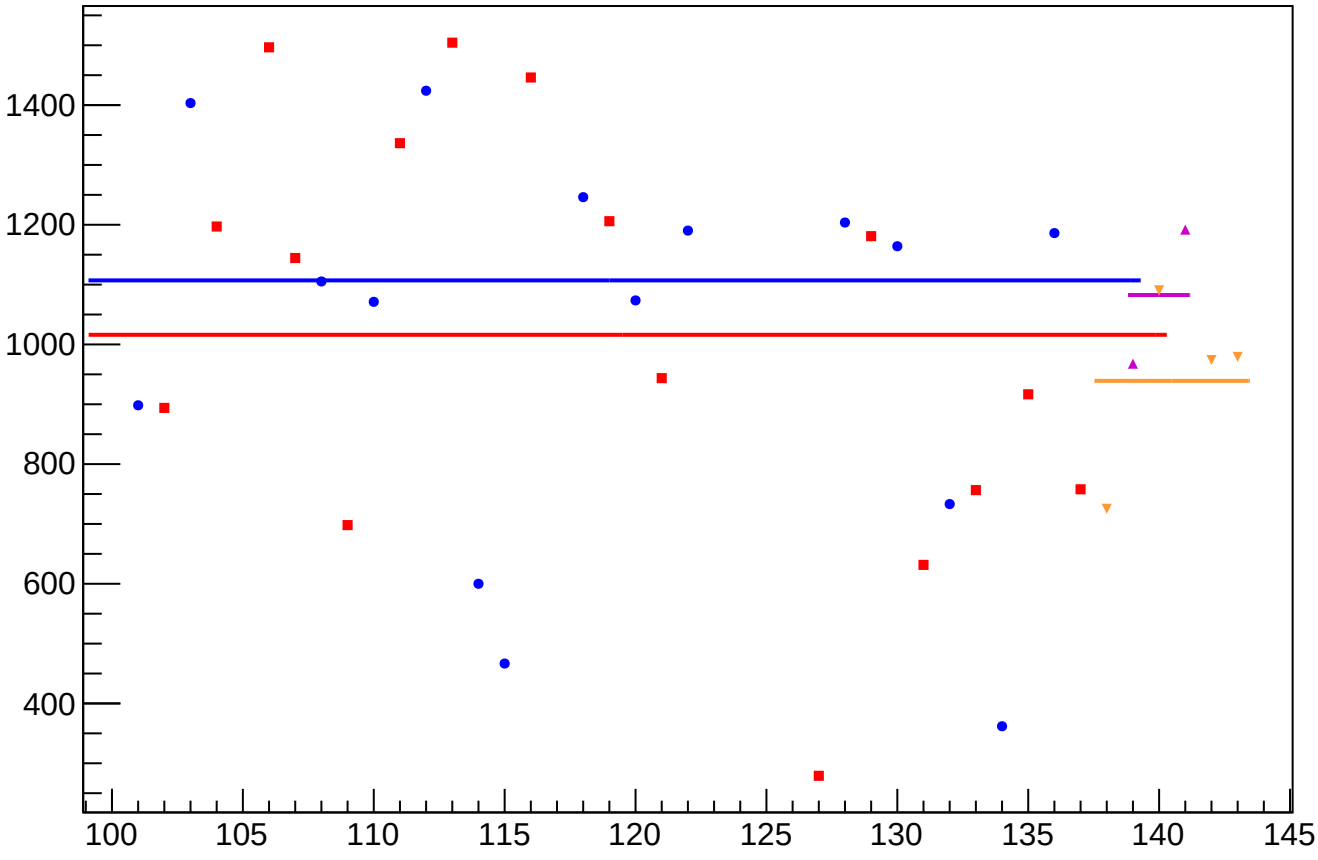
- sign -48720.741+/-0.000 χ^2/NDF: 3141072034520

dit_sam2_coil4_err_mean vs Slug



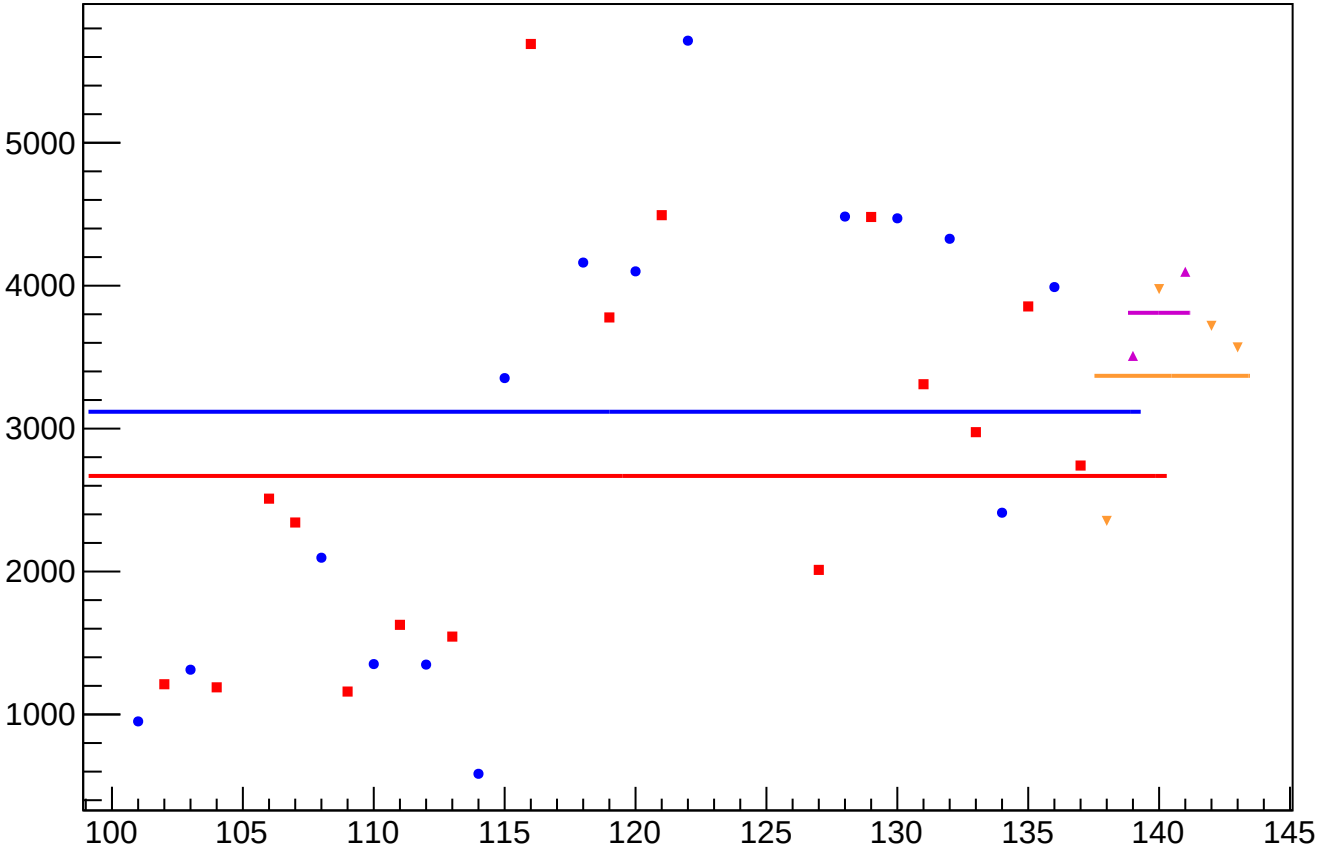
Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14
+ sign 1139.561+/-0.000 χ^2/NDF: 2592087807148
Left Out: 1104.449+/-0.000 χ^2/NDF:9460166083818012993114935678946246656.0/3
All: 1124.935+/-0.000 χ^2/NDF: 4877135377
Right Out: 1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
- sign 1108.747+/-0.000 χ^2/NDF: 22808924390393
Left In: 1055.761+/-0.000 χ^2/NDF:1347875282087847296857567920262217728.0/1

dit_sam2_coil4_Ndata_mean vs Slug



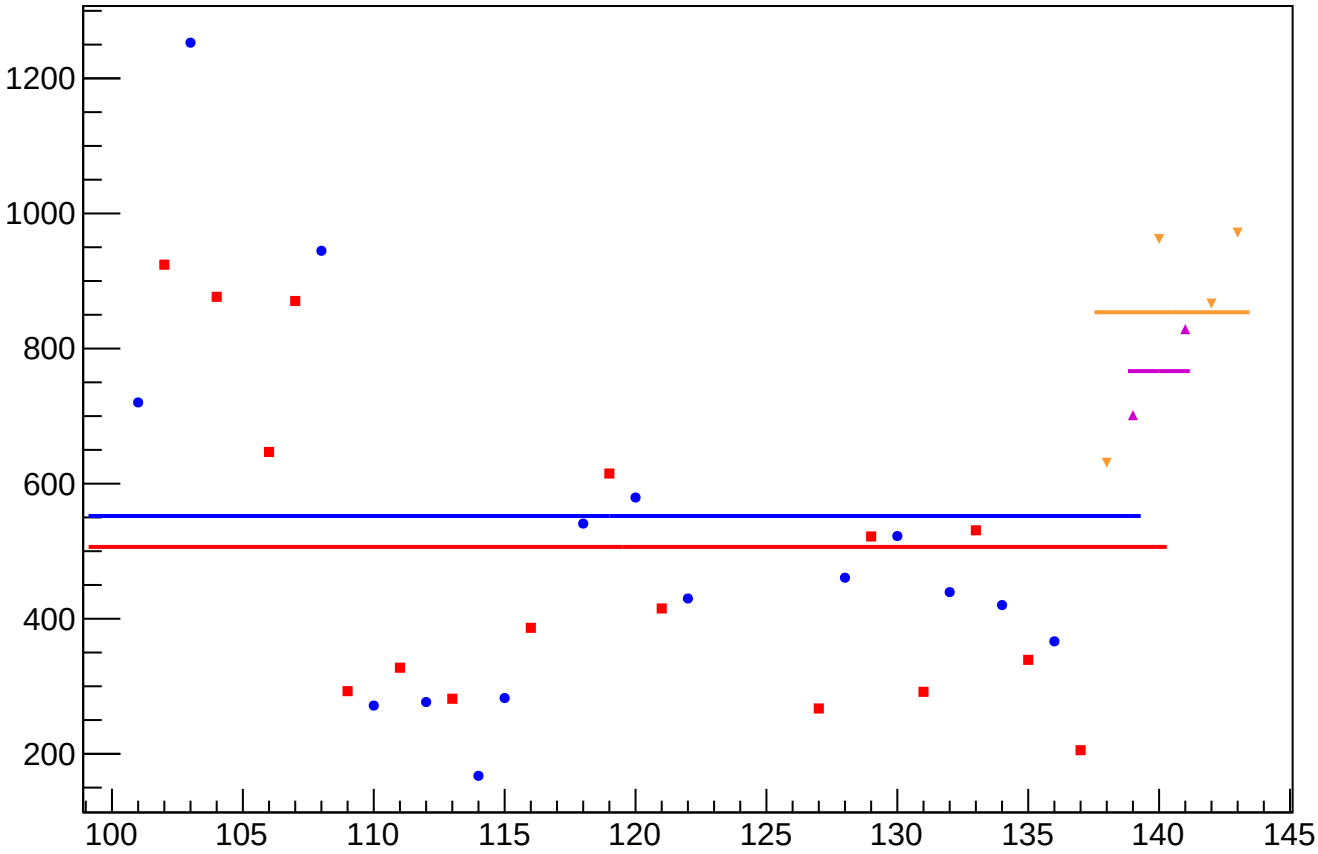
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_sam3_coil4_mean vs Slug



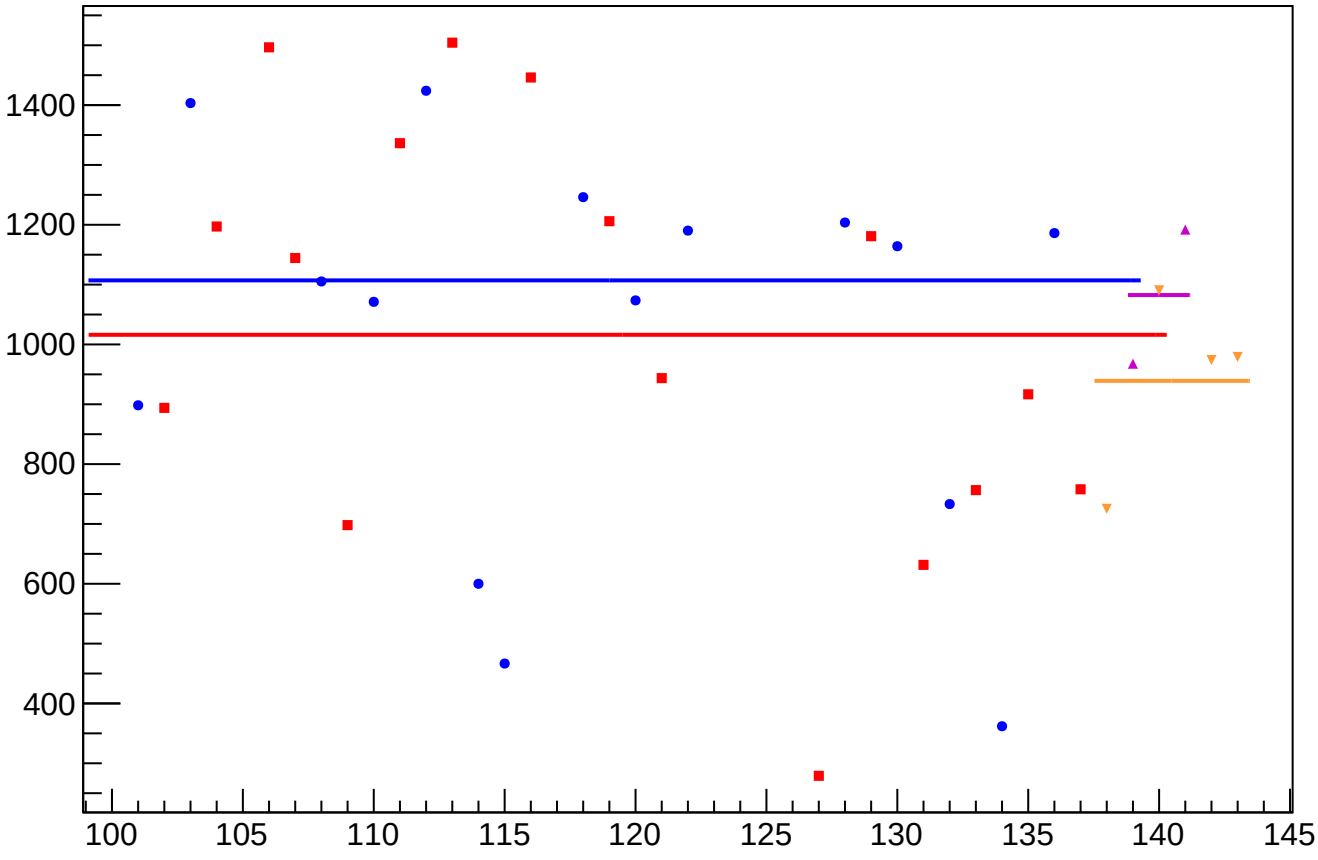
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
+ sign 3192.353+/-0.000 χ^2/NDF: 16837278352498
Left Out: 3369.318+/-0.000 χ^2/NDF:1188435892605907464836020394150372311 04.0/3
All: 3051.815+/-0.000 χ^2/NDF: 3046052449 8
Right Out: 2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
- sign 2896.261+/-0.000 χ^2/NDF: 13239581524824
Left In: 3810.240+/-0.000 χ^2/NDF:1437115325930245645256648711239997 8496.0/1

dit_sam3_coil4_err_mean vs Slug



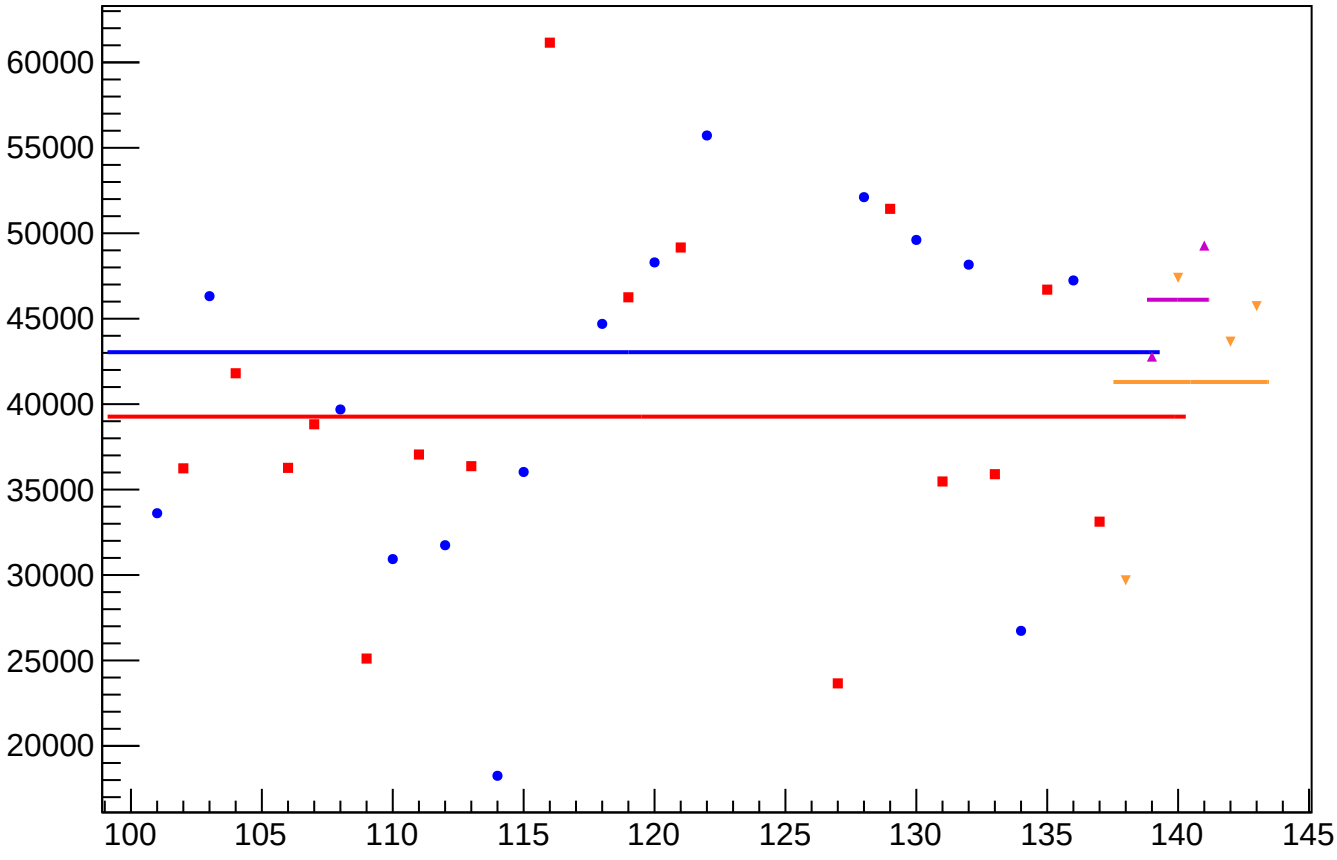
Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14
+ sign 641.420+/-0.000 χ^2/NDF: 739943904289326
Left Out: 853.740+/-0.000 χ^2/NDF:577170264737507201094857124774674 4320.0/3
All: 601.926+/-0.000 χ^2/NDF: 12388286076 9
Right Out: 506.345+/-0.000 χ^2/NDF: 371816532973148835016591318060105728 00.0/15
- sign 558.213+/-0.000 χ^2/NDF: 468586326738969
Left In: 766.621+/-0.000 χ^2/NDF:672518209714790635221781428897316864.0/1

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14

Left Out: 41297.410+/-0.000 χ^2/NDF:15131179009535681977871861756834600714240.0/3

Right Out: 39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15

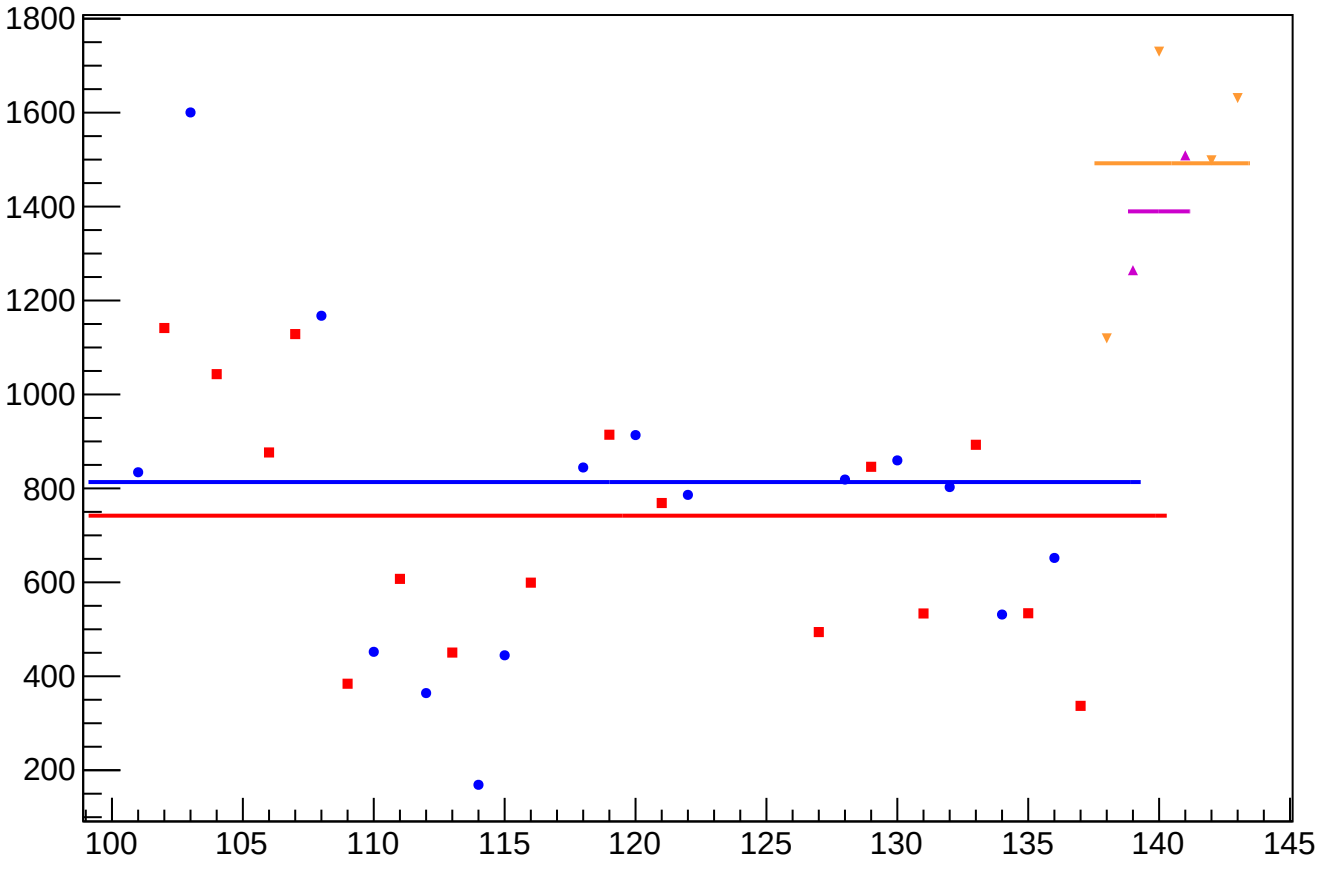
Left In: 46109.700+/-0.000 χ^2/NDF:17510041068362845889647638844990606540 80.0/1

+ sign 42523.976+/-0.000 χ^2/NDF: 641117179067 9

All: 41626.300+/-0.000 χ^2/NDF: 1255199286

- sign 40632.714+/-0.000 χ^2/NDF: 5984289500854

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

+ sign 1014.451+/-0.000 χ^2/NDF: 1723926174494 2

Left Out: 1492.171+/-0.000 χ^2/NDF:1676134739406025215031987902475979980 8.0/3

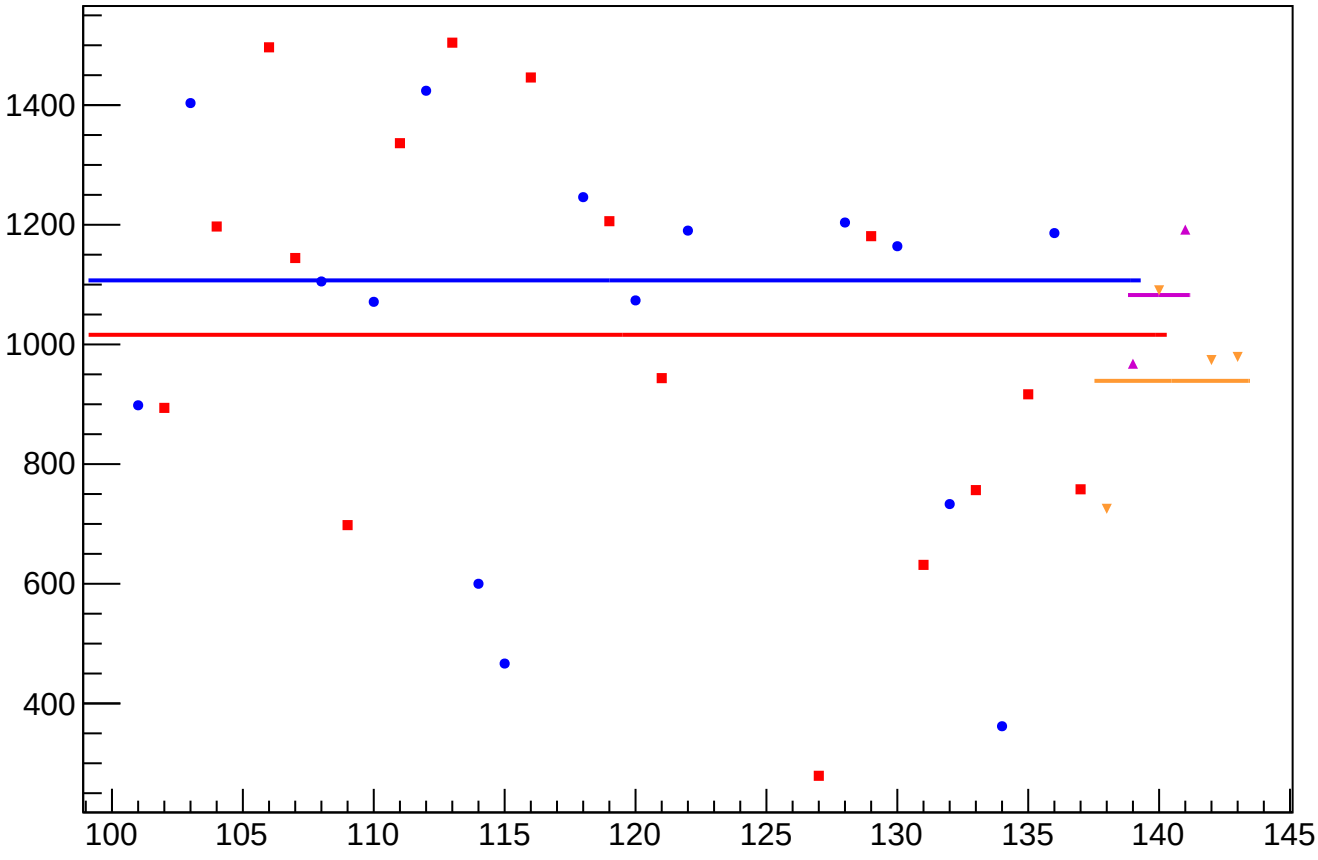
All: 946.370+/-0.000 χ^2/NDF: 2837369065 88

Right Out: 741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164569 6.0/15

- sign 871.015+/-0.000 χ^2/NDF: 10234062122700 8

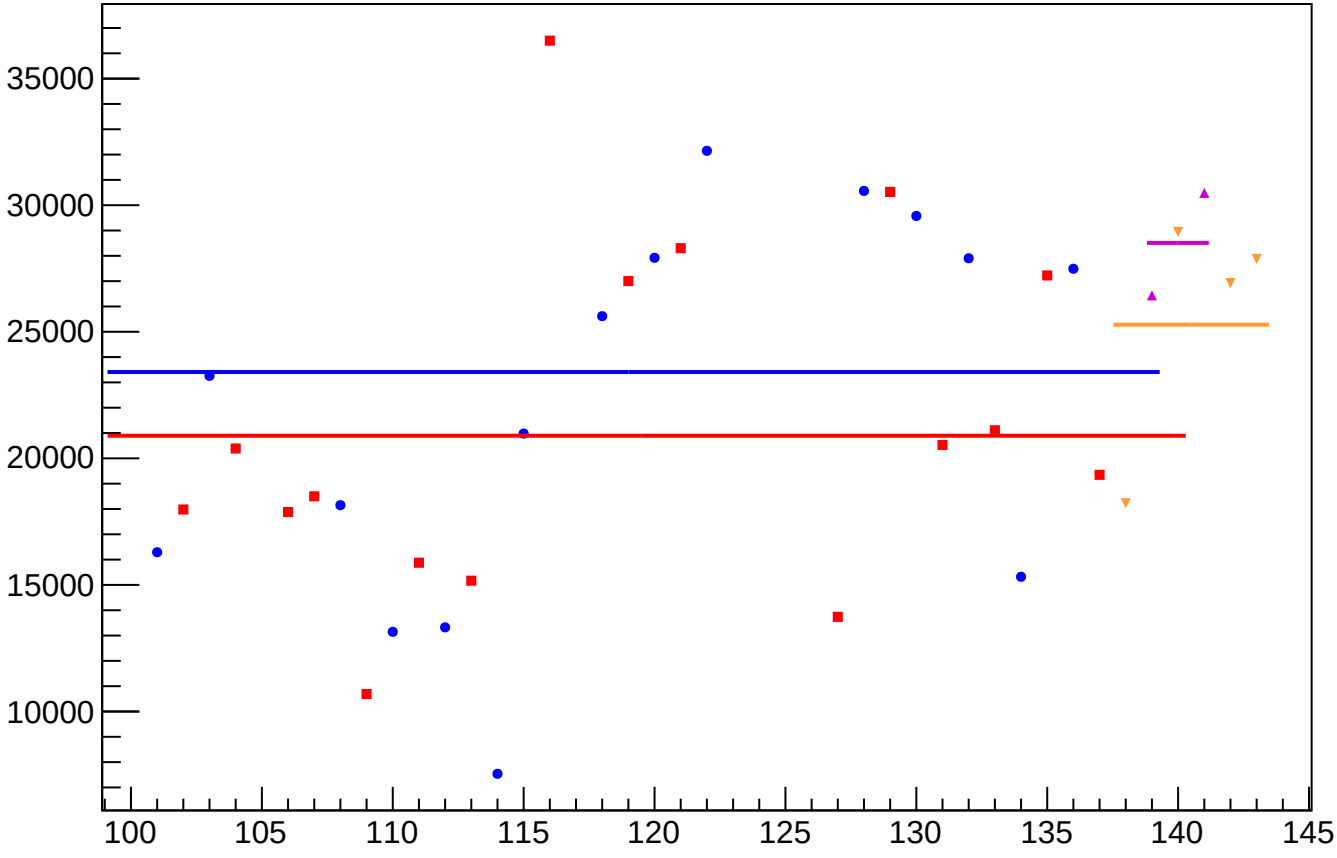
Left In: 1389.763+/-0.000 χ^2/NDF:2478574938392785508449021513839935488.0/1

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

+ sign 23964.805+/-0.000 χ^2/NDF: 3465564177026

Left Out: 25280.157+/-0.000 χ^2/NDF:5557169081238177889178534084471467016192.0/3

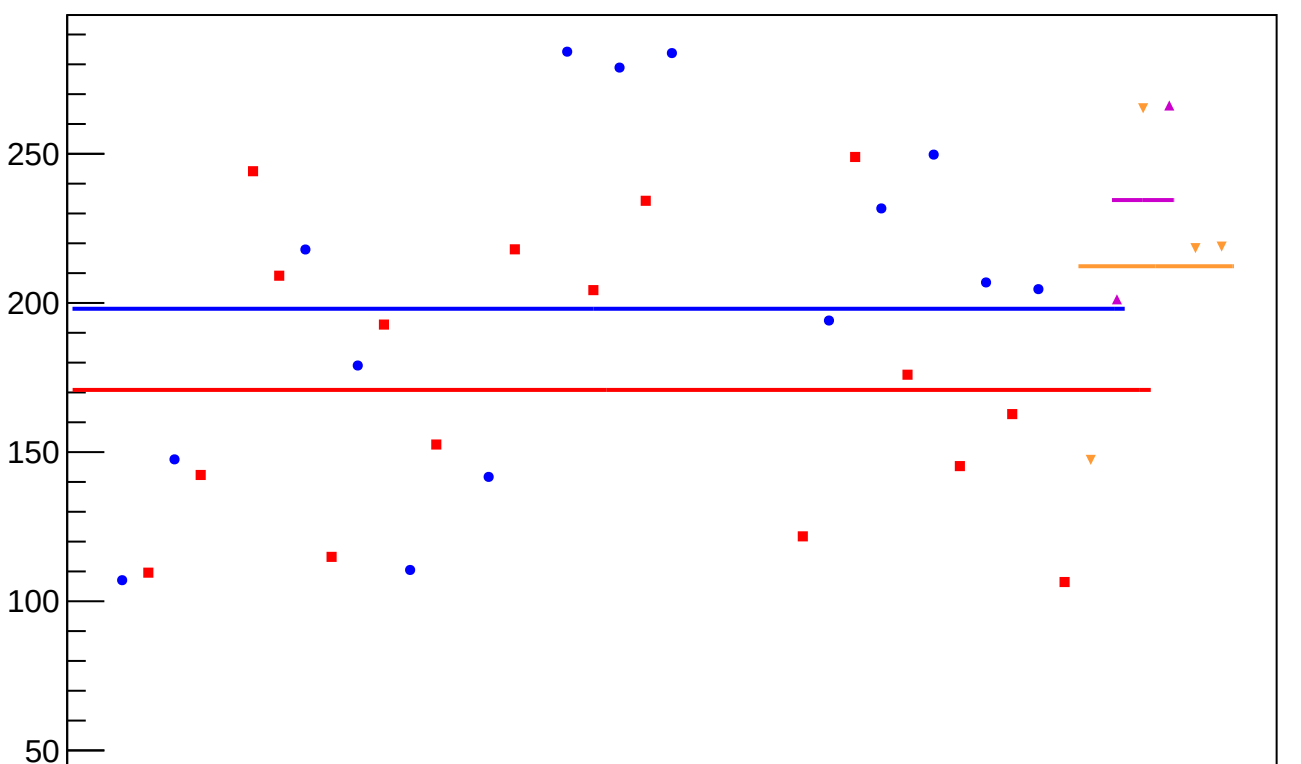
All: 23227.721+/-0.000 χ^2/NDF: 7150961844

Right Out: 20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

- sign 22411.885+/-0.000 χ^2/NDF: 3579862513783

Left In: 28510.366+/-0.000 χ^2/NDF:6793711050754327005252801705911569612 80.0/1

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Left Out: 212.308+/-0.000 χ^2/NDF:5632304717482752917765811019238604 80.0/3

Right Out: 170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

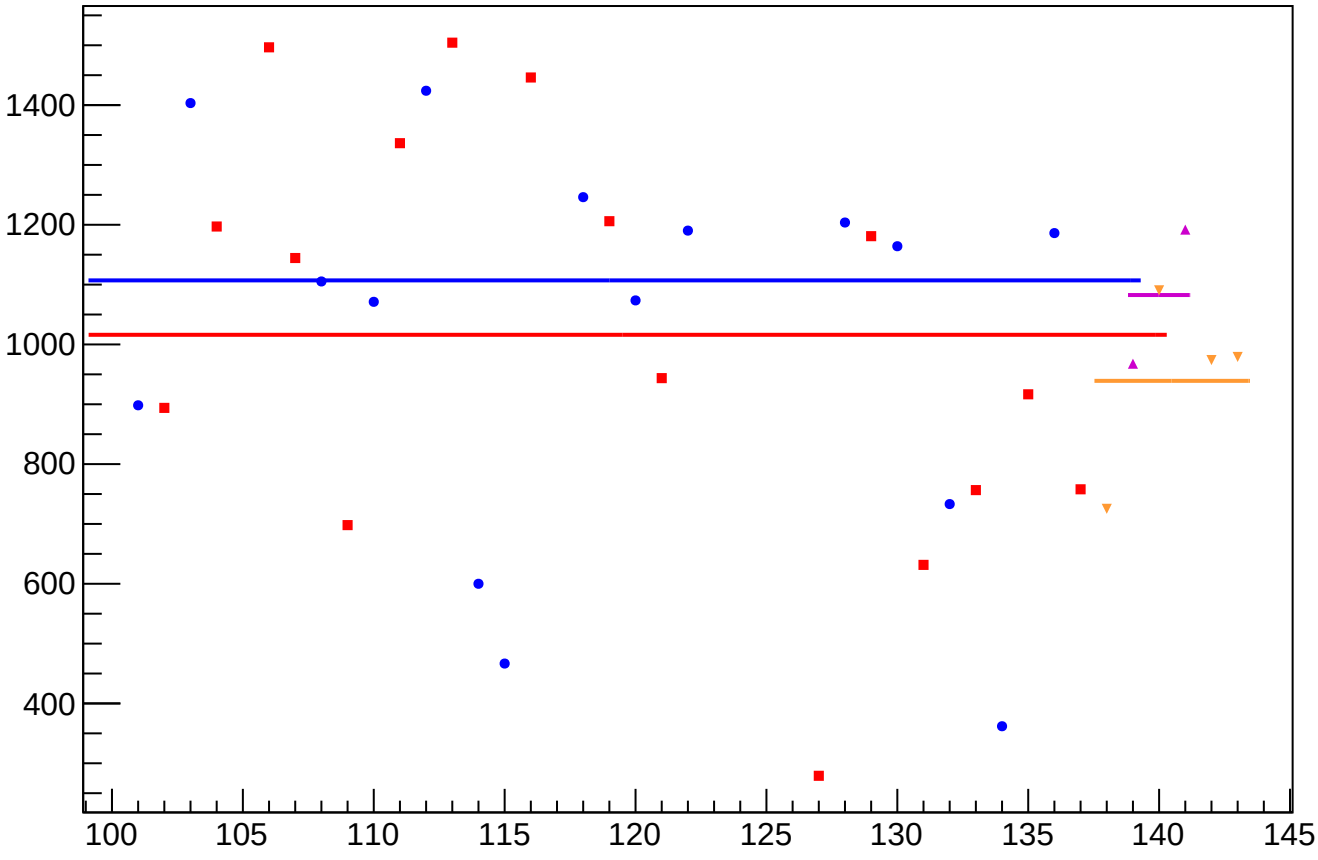
Left In: 234.500+/-0.000 χ^2/NDF:1750999377492561265855010530016624 64.0/1

+ sign 202.276+/-0.000 χ^2/NDF: 30851936211935 9

All: 193.381+/-0.000 χ^2/NDF: 5370771311 21

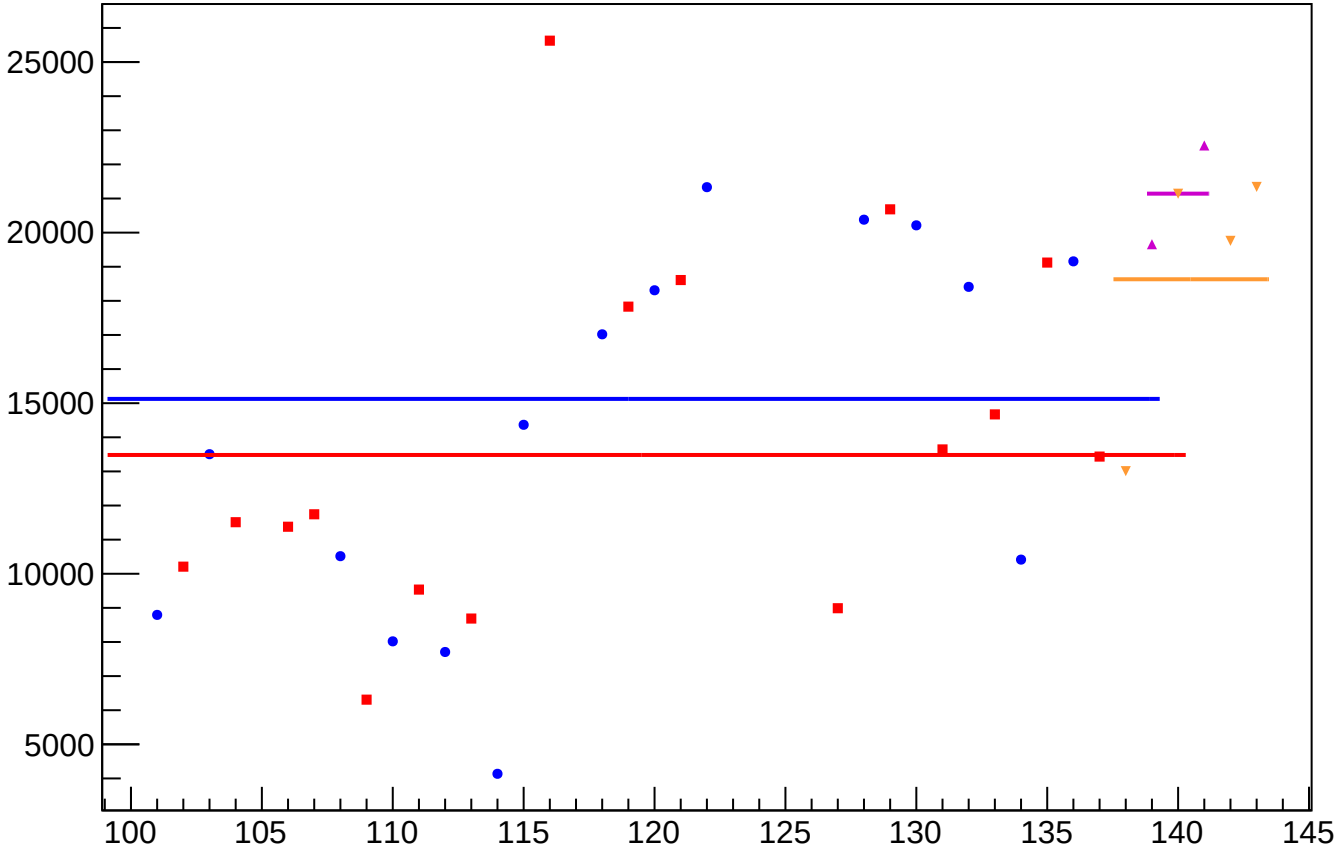
- sign 183.535+/-0.000 χ^2/NDF: 213188247760488

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 5165828375471 6
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103 7
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

+ sign 16164.219+/-0.000 χ^2/NDF: 2251250077966

Left Out: 18632.762+/-0.000 χ^2/NDF:353370115930741249551654181088055735091 2.0/3

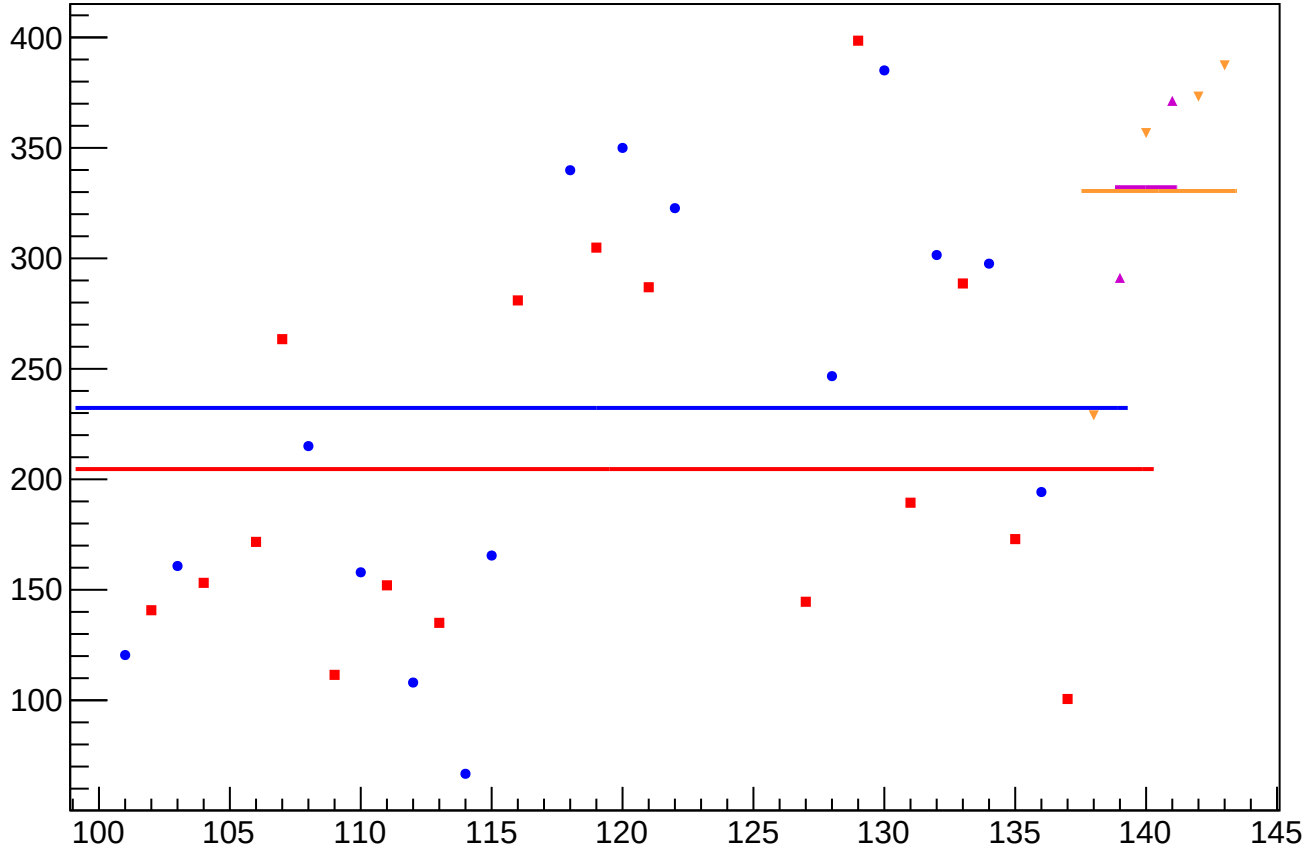
All: 15615.804+/-0.000 χ^2/NDF: 4715453184

Right Out: 13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

- sign 15008.795+/-0.000 χ^2/NDF: 2405780383992

Left In: 21142.586+/-0.000 χ^2/NDF:347546448884359862104296484678269927424.0/1

dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Left Out: 330.500+/-0.000 χ^2/NDF:116110267633329653789170254676492288 0.0/3

Right Out: 204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

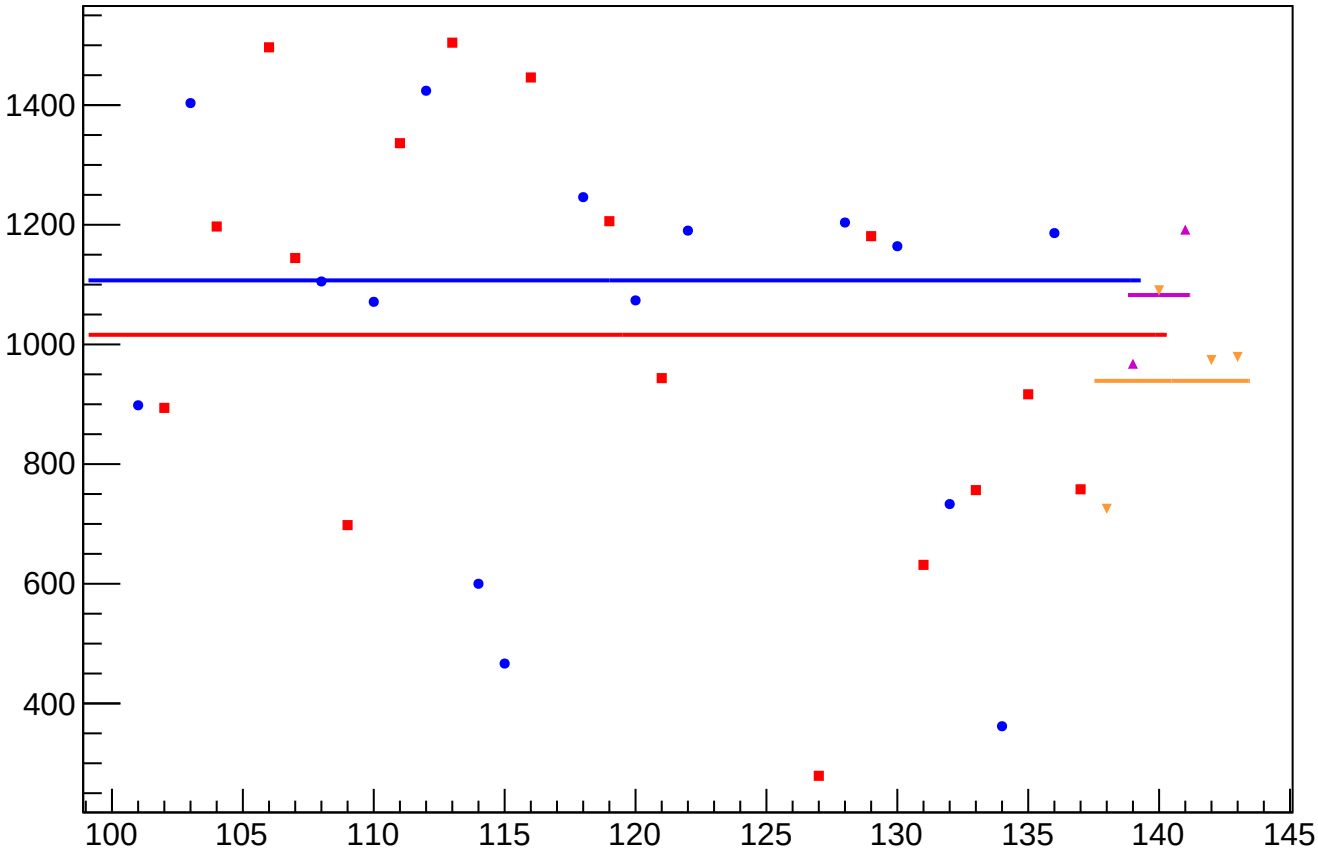
Left In: 332.200+/-0.000 χ^2/NDF:266184237213814558351393348575559680.0/1

+ sign 261.385+/-0.000 χ^2/NDF: 849192392545454

All: 246.516+/-0.000 χ^2/NDF: 15905566423 8

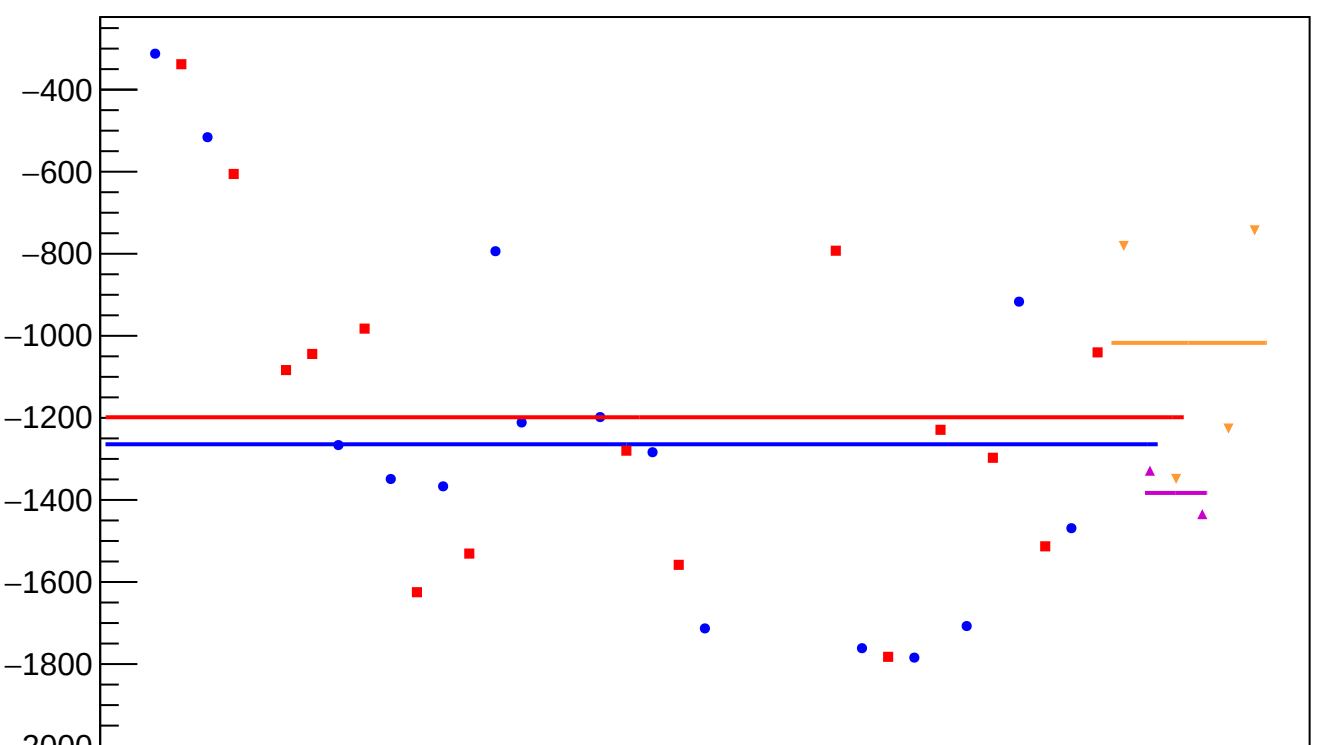
- sign 230.058+/-0.000 χ^2/NDF: 698416272421830

dit_sam6_coil4_Ndata_mean vs Slug



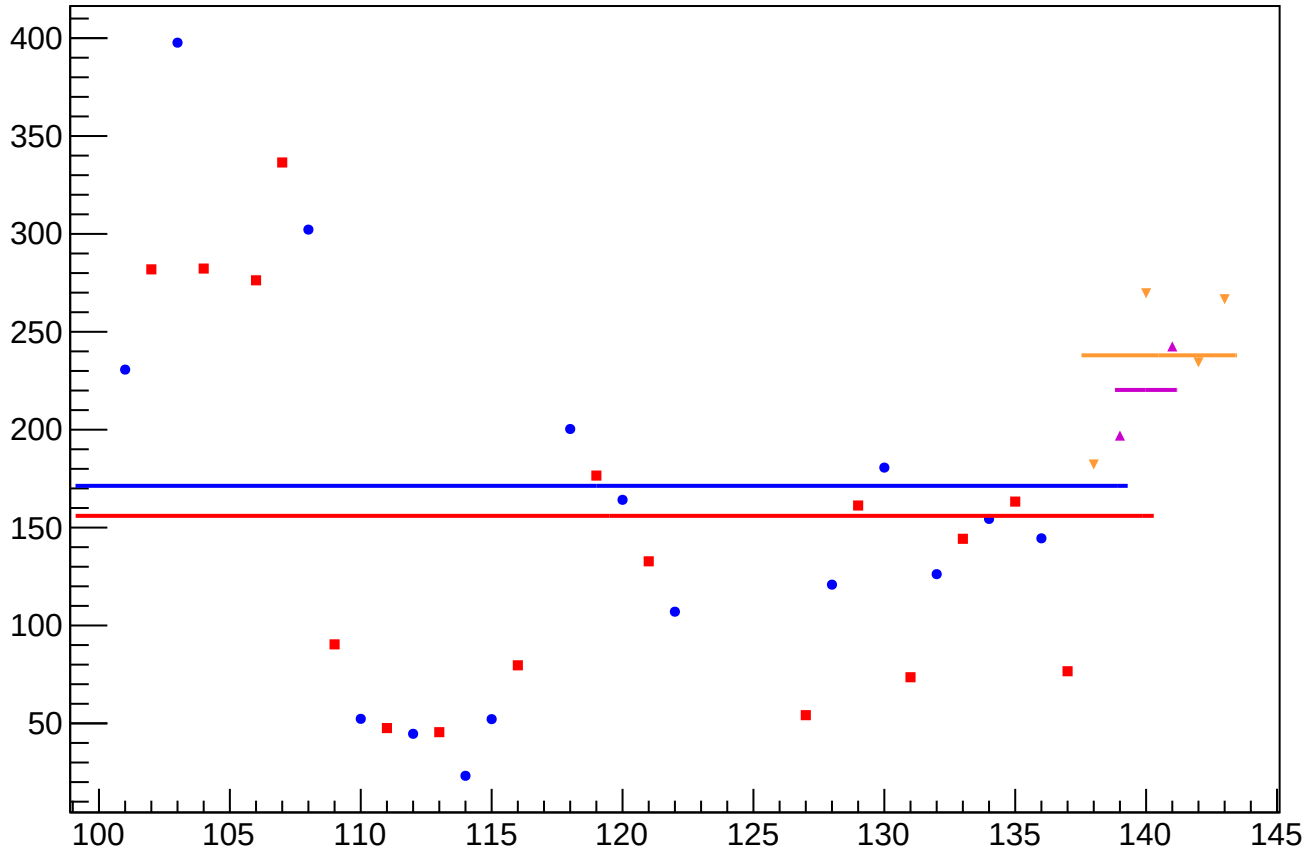
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_sam7_coil4_mean vs Slug



Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
+ sign -1191.128+/-0.000 χ^2/NDF: 1723615540515
Left Out: -1017.169+/-0.000 χ^2/NDF:204098008075141671370337202718124277 76.0/3
All: -1212.065+/-0.000 χ^2/NDF: 3093645399
Right Out: -1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671 33184.0/15
- sign -1235.239+/-0.000 χ^2/NDF: 1361514411396 2
Left In: -1382.927+/-0.000 χ^2/NDF:4648195181084257622619407484022947 84.0/1

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

+ sign 191.063+/-0.000 χ^2/NDF: 735556365881584

Left Out: 237.992+/-0.000 χ^2/NDF:380454780352925982885157784684331008.0/3

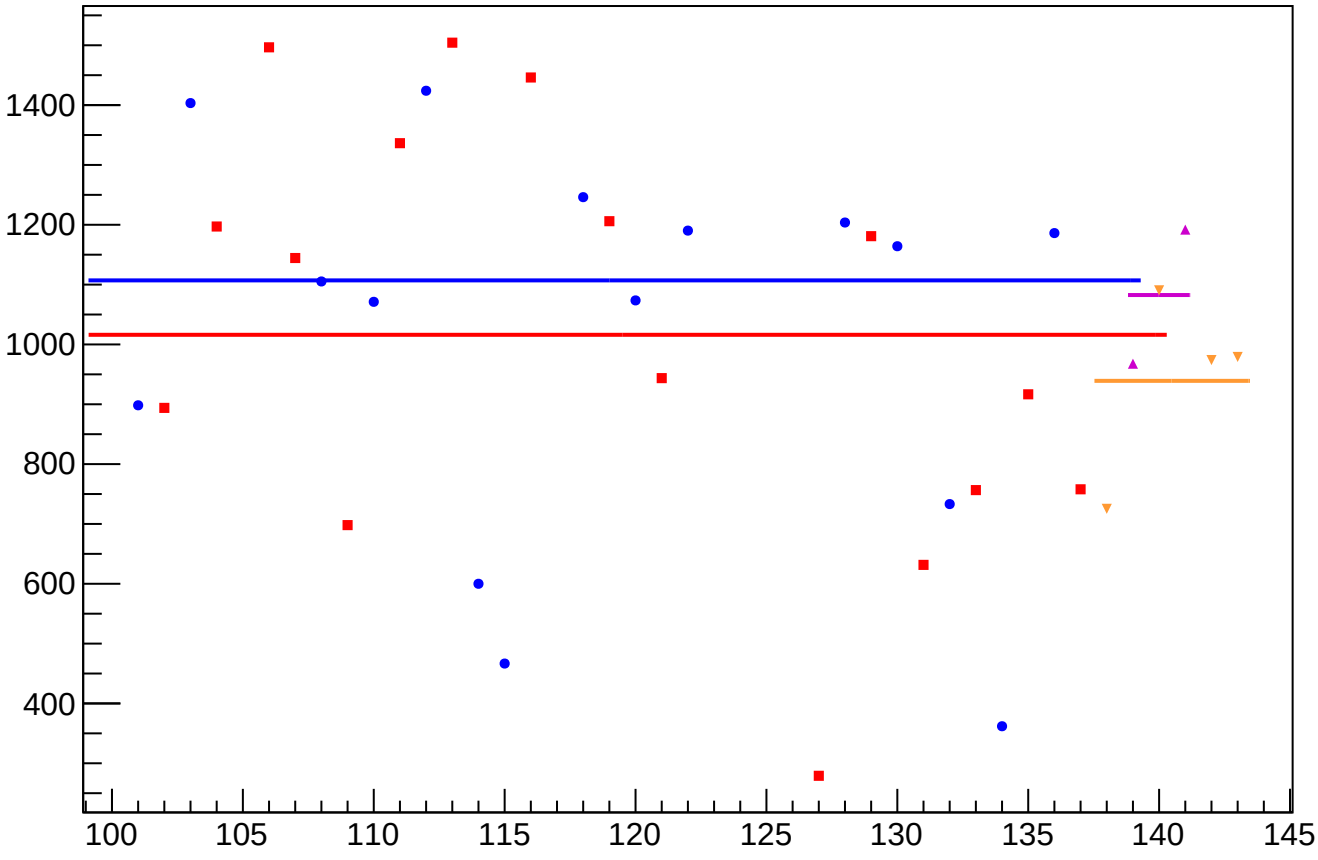
All: 180.501+/-0.000 χ^2/NDF: 13888779967 1

Right Out: 155.993+/-0.000 χ^2/NDF: 568065928150459585202152472724478361 6.0/15

- sign 168.810+/-0.000 χ^2/NDF: 631651125288504

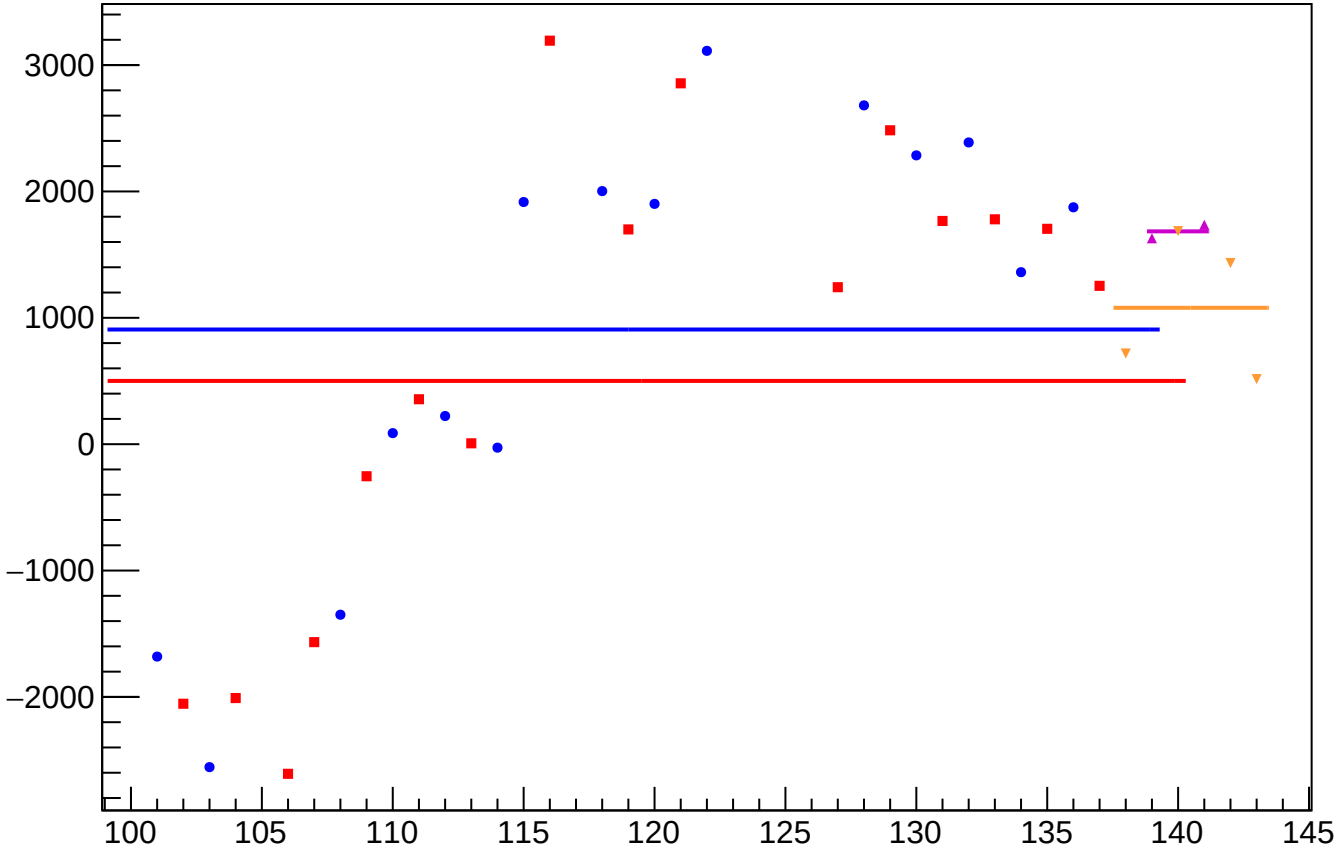
Left In: 220.309+/-0.000 χ^2/NDF:860364932149173937069971831416422 40.0/1

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 51658283754716
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_sam8_coil4_mean vs Slug



Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

+ sign 958.328+/-0.000 χ^2/NDF: 218042138087642

Left Out: 1079.301+/-0.000 χ^2/NDF:6750763298518079727324780316557364428 8.0/3

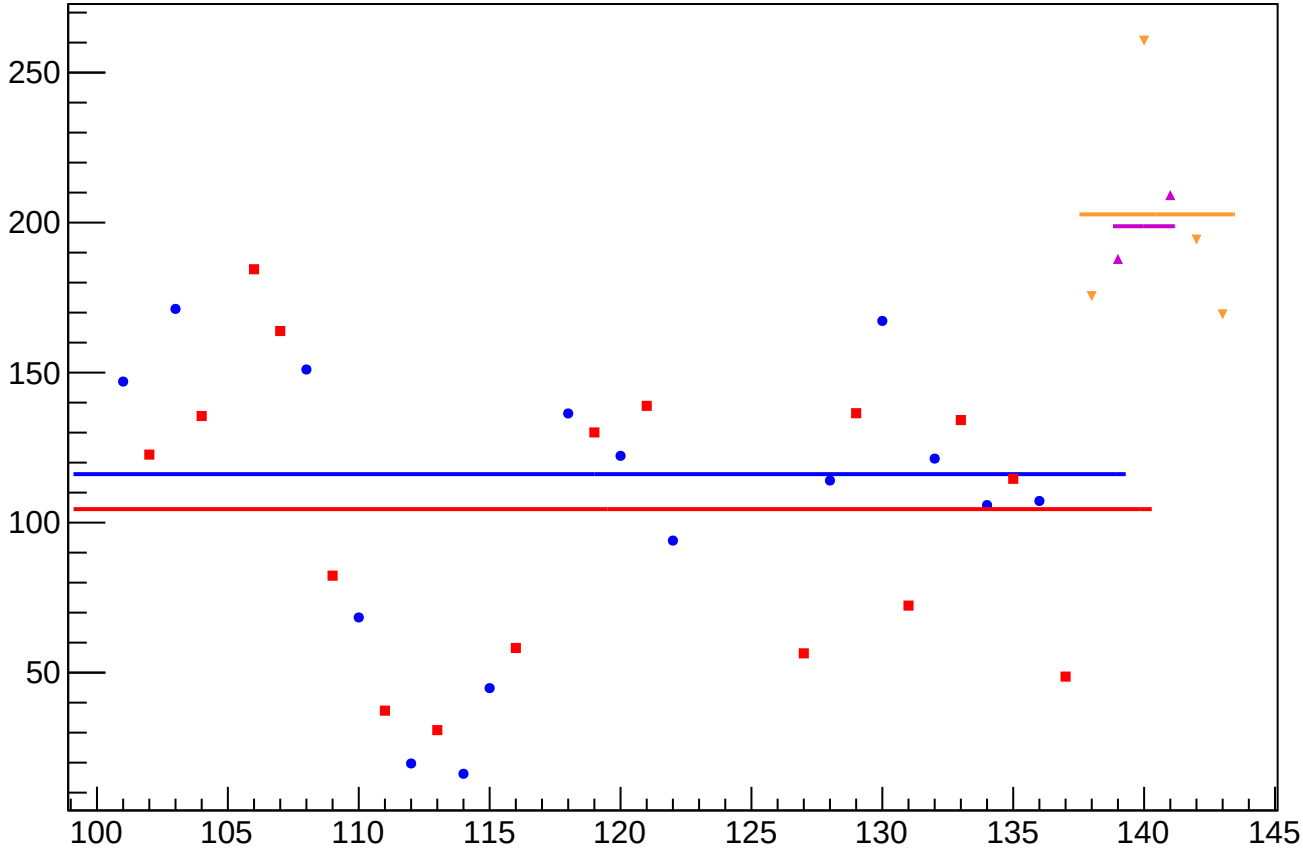
All: 853.049+/-0.000 χ^2/NDF: 446281214330

Right Out: 500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

- sign 736.521+/-0.000 χ^2/NDF: 226086049568770

Left In: 1684.114+/-0.000 χ^2/NDF:4742867230113791849027127836934144 00.0/1

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Left Out: 202.747+/-0.000 χ^2/NDF:4105231028995860130777834181906923 52.0/3

Right Out: 104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

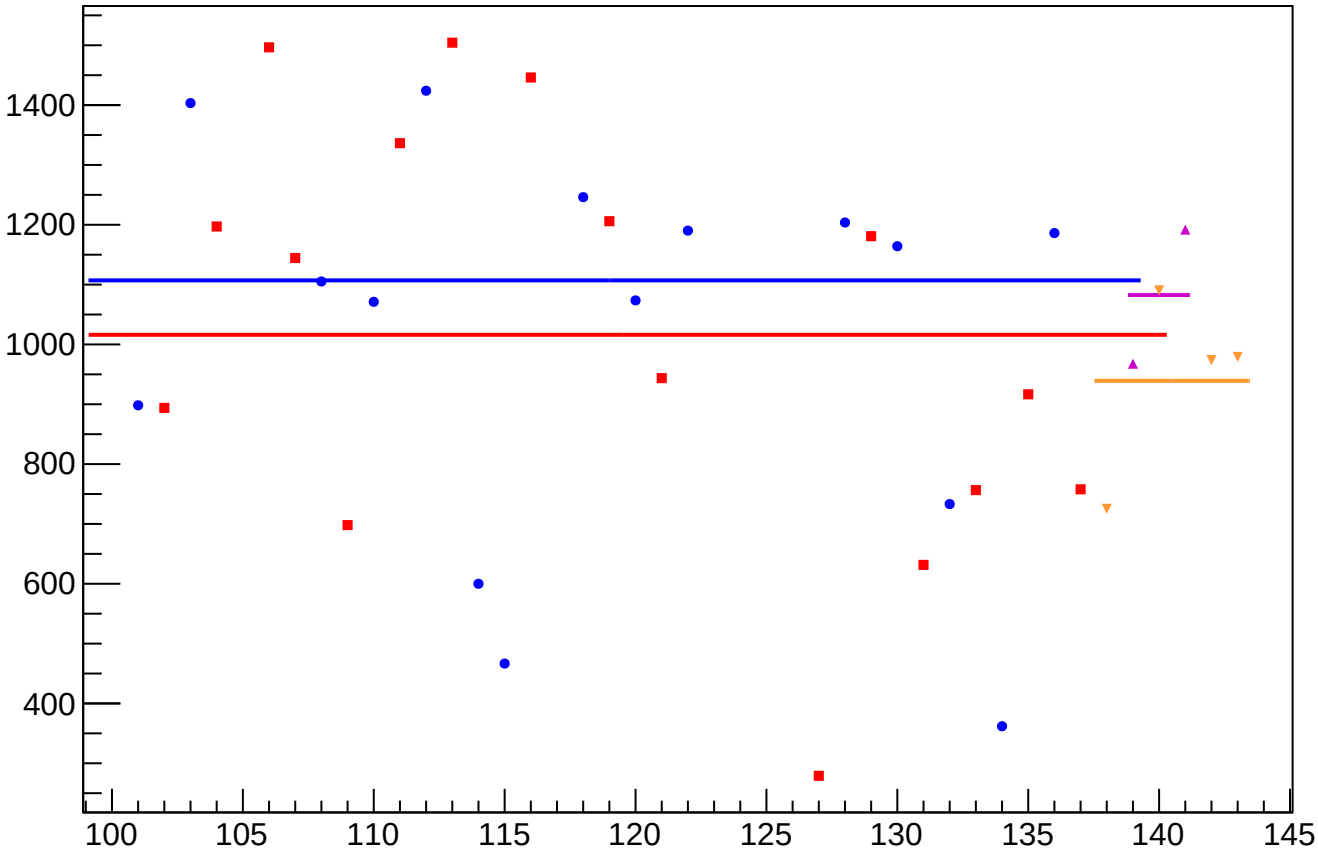
Left In: 198.791+/-0.000 χ^2/NDF:1877448987470069320208370371448 0128.0/1

+ sign 141.797+/-0.000 χ^2/NDF: 304978980528453

All: 133.013+/-0.000 χ^2/NDF: 568618679137

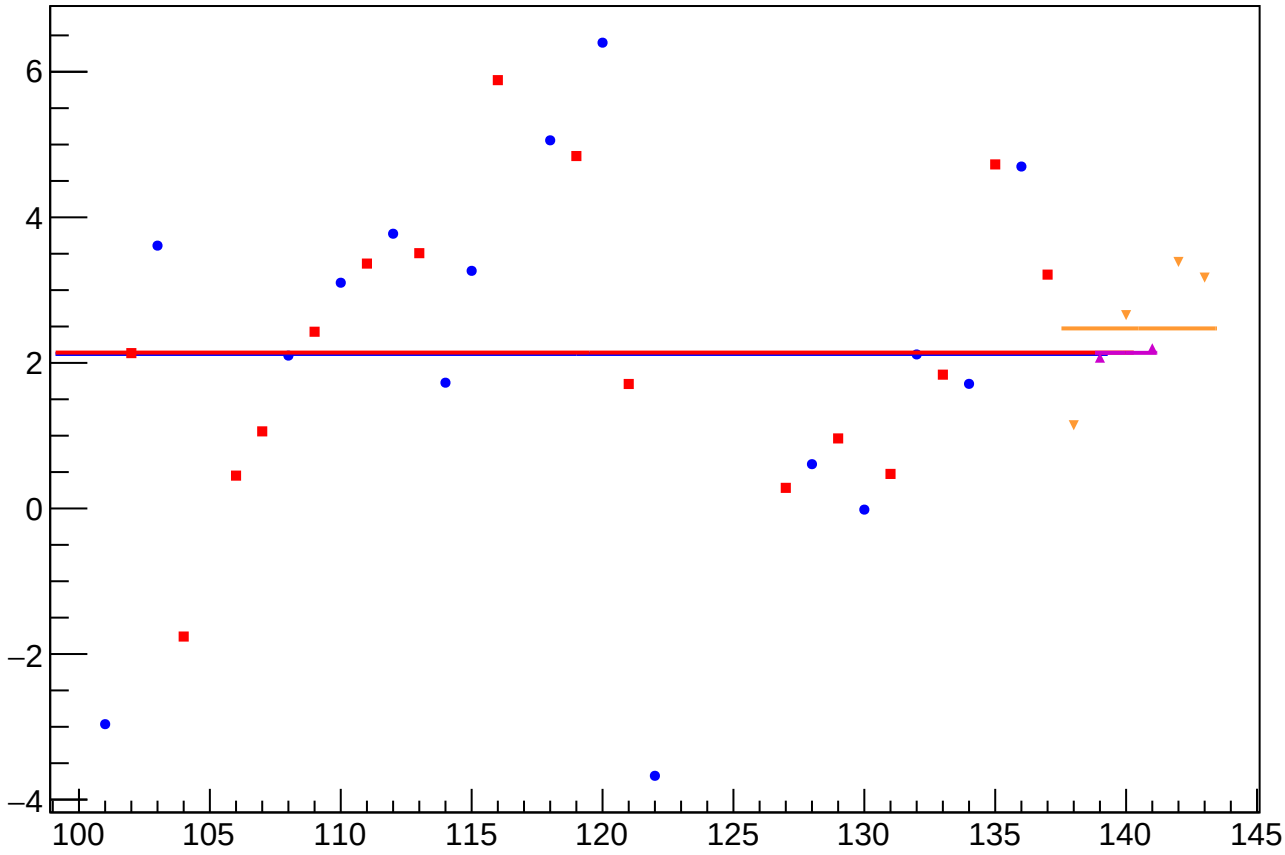
- sign 123.291+/-0.000 χ^2/NDF: 248651506728707

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1057.337+/-0.000 χ^2/NDF: 5165828375471 6
Left Out: 939.150+/-0.000 χ^2/NDF:560707293166644608960696033032011776 0.0/3
All: 1044.055+/-0.000 χ^2/NDF: 1272394103 7
Right Out: 1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15
- sign 1029.353+/-0.000 χ^2/NDF: 75238414198419
Left In: 1082.578+/-0.000 χ^2/NDF:208344355382312489650189311840092160 0.0/1

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

+ sign 2.227+/-0.000 χ^2/NDF: 5499194735800453 4

Left Out: 2.474+/-0.000 χ^2/NDF:211831530417270803502716480913408.0/3

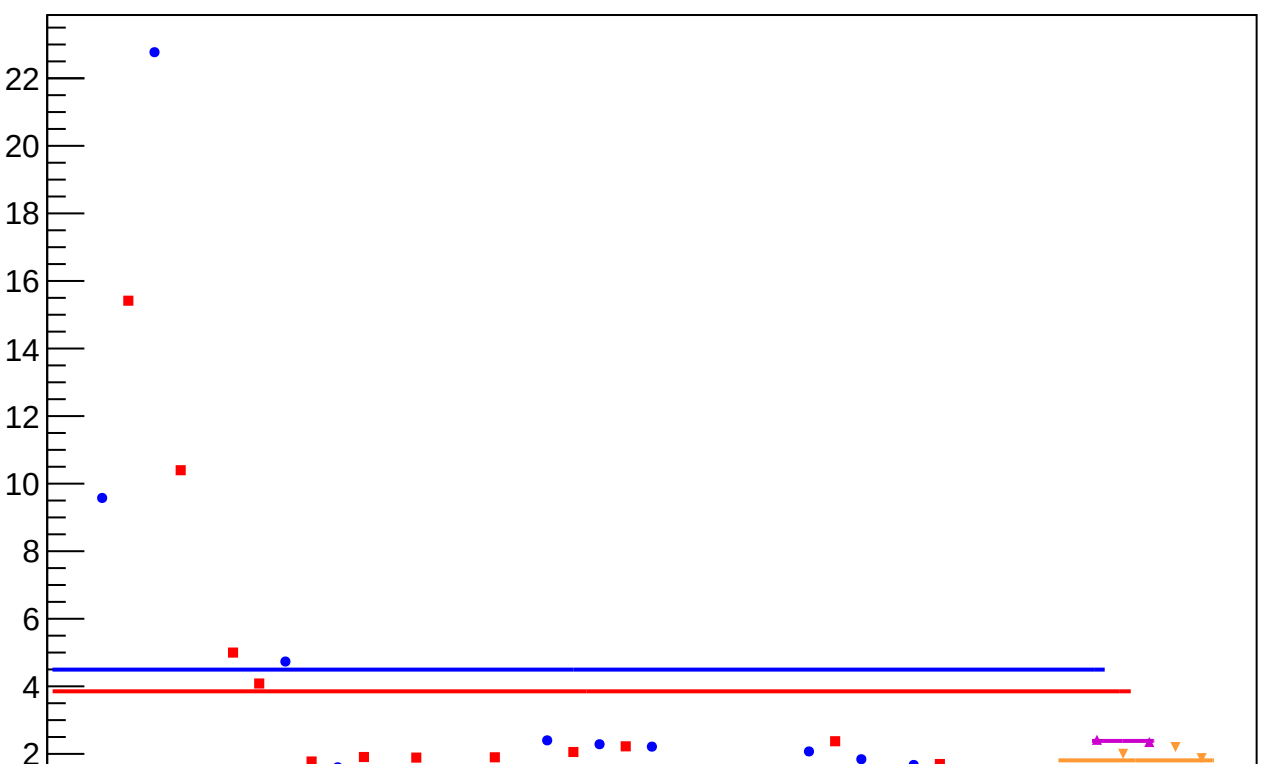
All: 2.186+/-0.000 χ^2/NDF: 7976049217473 8

Right Out: 2.142+/-0.000 χ^2/NDF: 247294994099367246616169225702604 8.0/15

- sign 2.141+/-0.000 χ^2/NDF: 24736399141427589

Left In: 2.138+/-0.000 χ^2/NDF:688190970526724497982246354944.0/1

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

+ sign 3.700+/-0.000 χ^2/NDF: 2668692162376323 0

Left Out: 1.808+/-0.000 χ^2/NDF:29425893297297598061150010867712.0/3

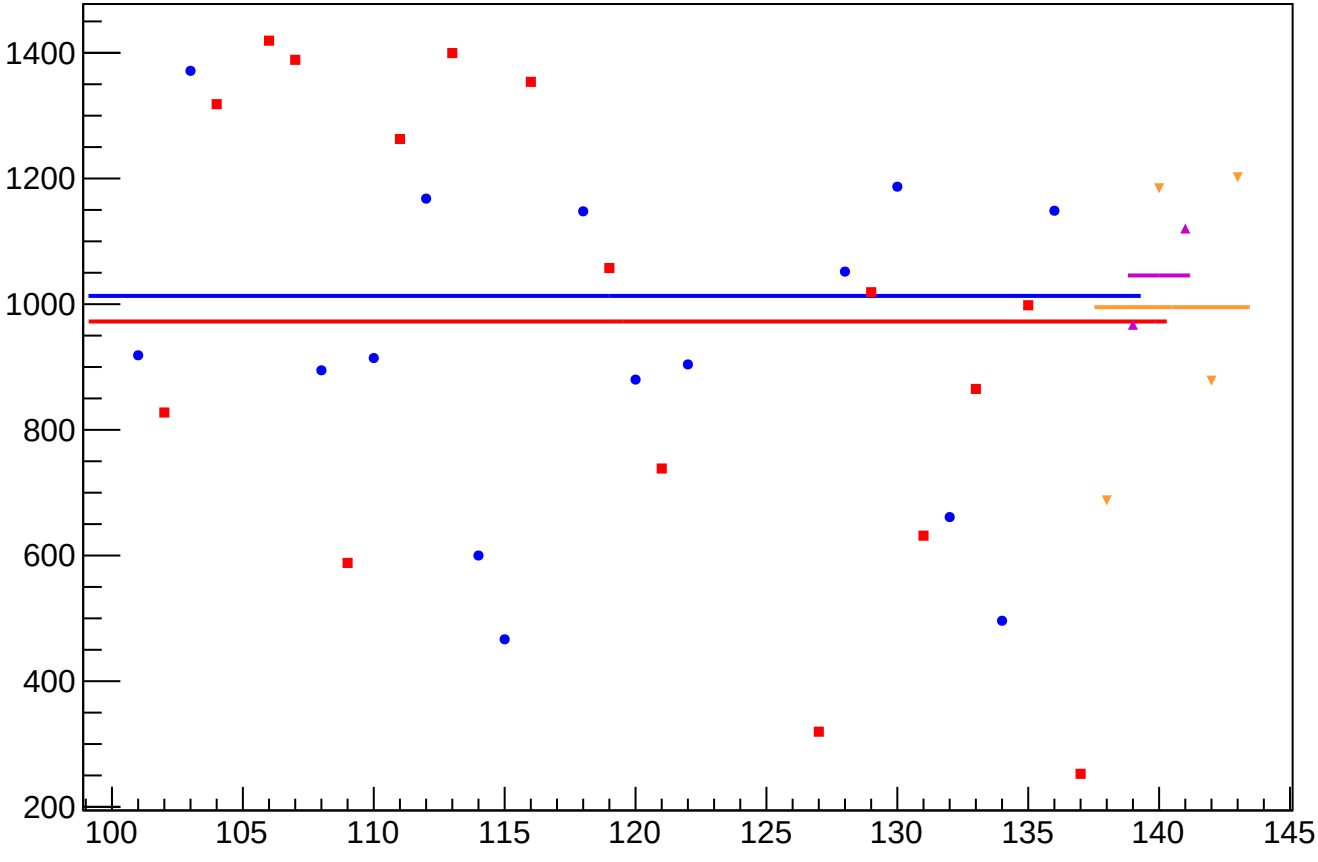
All: 3.633+/-0.000 χ^2/NDF: 3929722114844 1

Right Out: 3.852+/-0.000 χ^2/NDF: 12314971476556806550518847638601728.0/15

- sign 3.560+/-0.000 χ^2/NDF: 12601745969264018

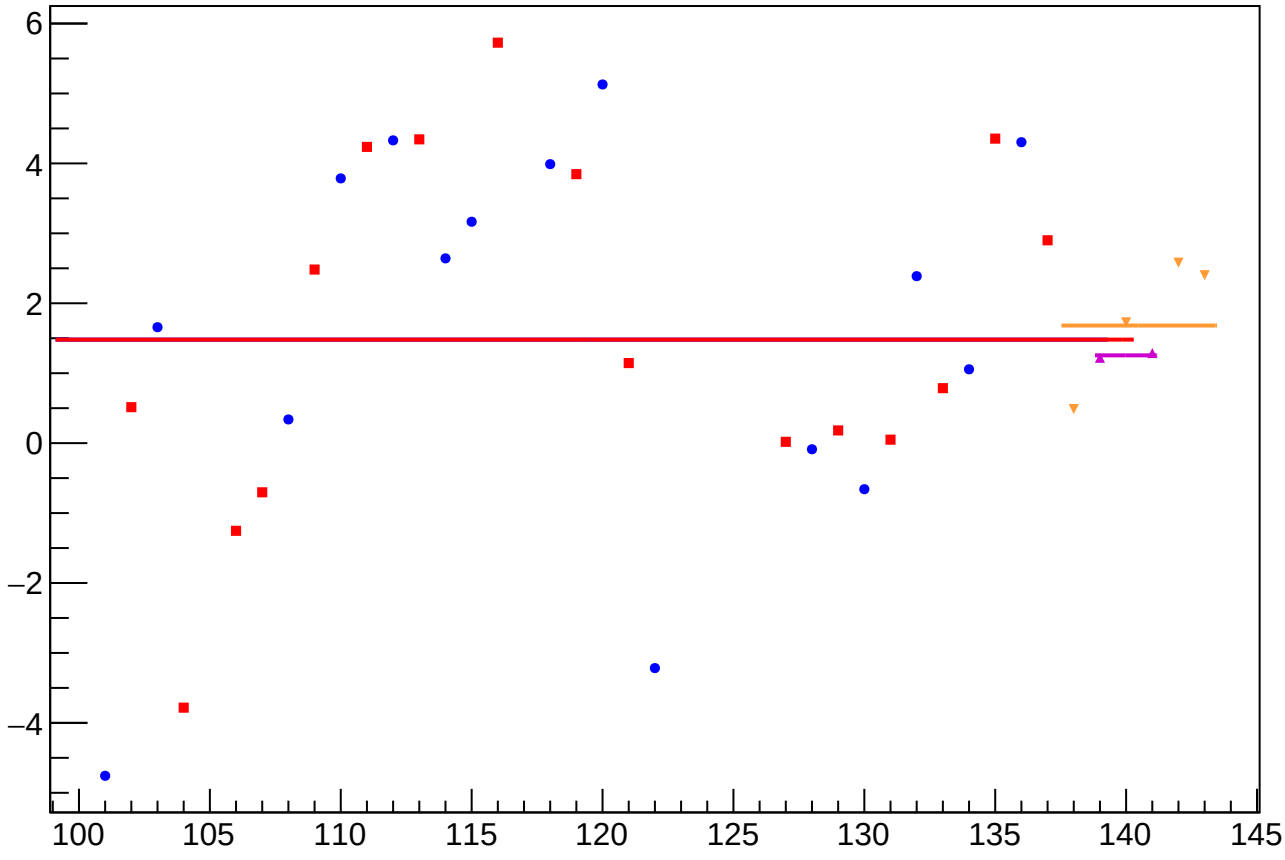
Left In: 2.384+/-0.000 χ^2/NDF:17799975309358177392180959641 6.0/1

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Left Out: 1.682+/-0.000 χ^2/NDF:1833039082531286460425120052674 56.0/3

Right Out: 1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

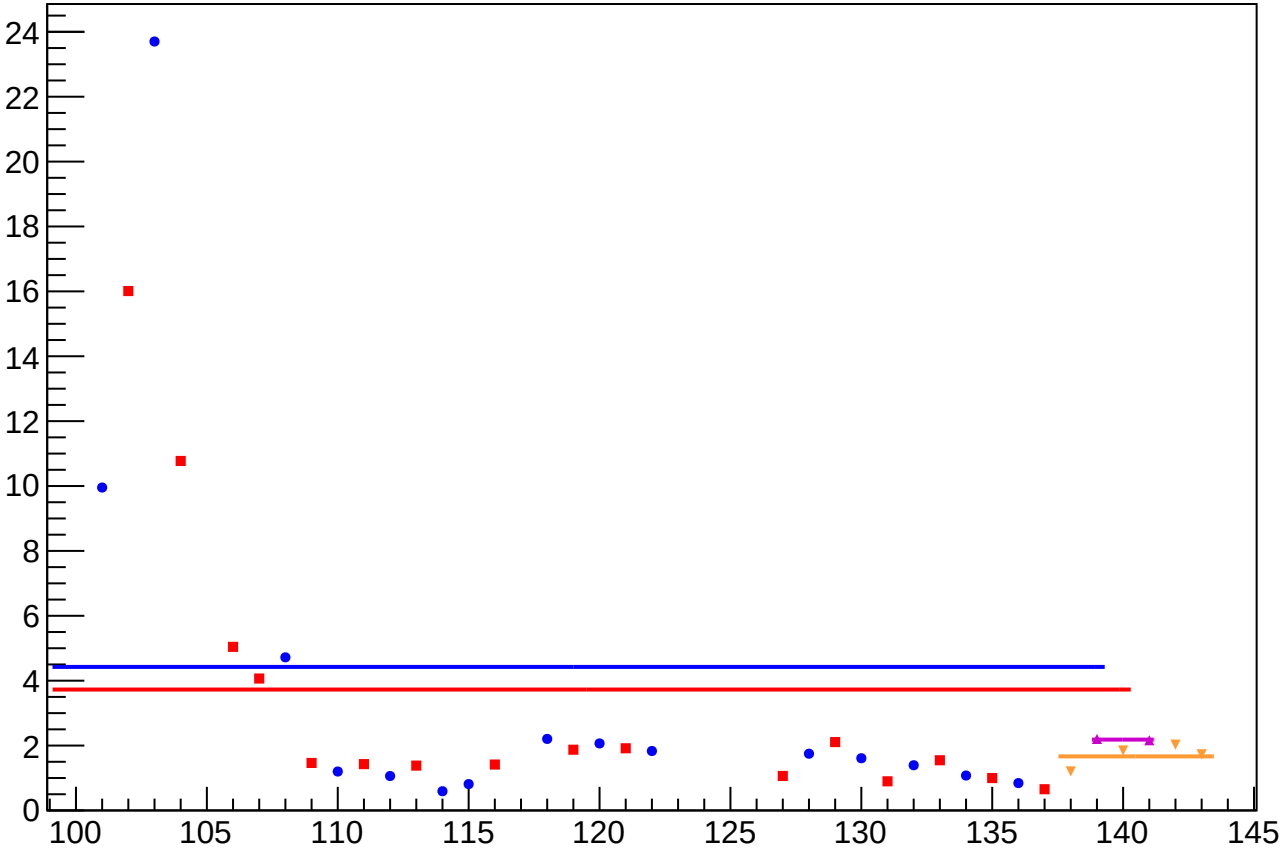
Left In: 1.255+/-0.000 χ^2/NDF:190512210038681042511651143680.0/1

+ sign 1.540+/-0.000 χ^2/NDF: 5990792490242326 0

All: 1.490+/-0.000 χ^2/NDF: 1009511344667 0

- sign 1.435+/-0.000 χ^2/NDF: 4099561201515884 5

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF: 28257459272876210608839830473277440.0/14

+ sign 3.608+/-0.000 χ^2/NDF: 2974564415785513

Left Out: 1.666+/-0.000 χ^2/NDF:2580962884559646523892387178086 4.0/3

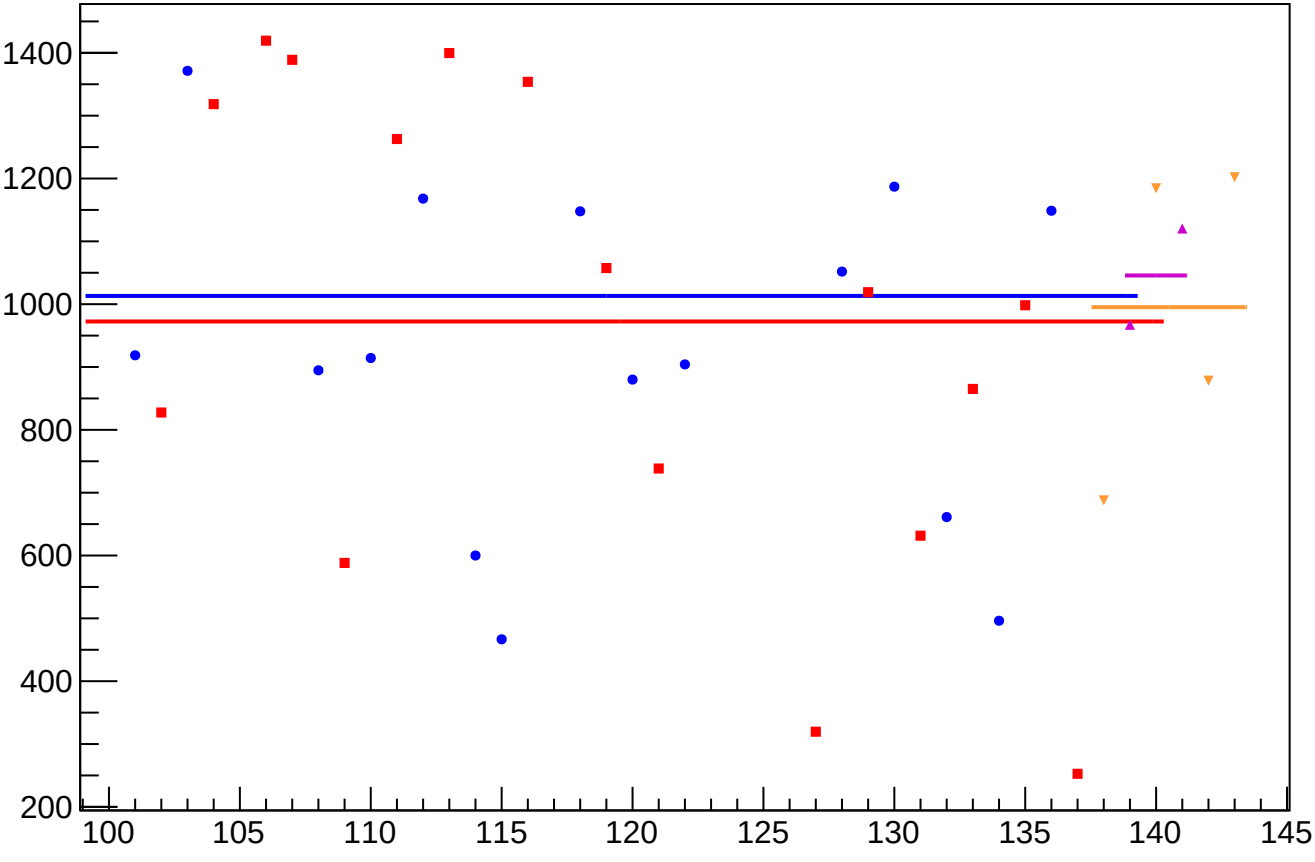
All: 3.518+/-0.000 χ^2/NDF: 4406957448782

Right Out: 3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

- sign 3.420+/-0.000 χ^2/NDF: 14308442882354099

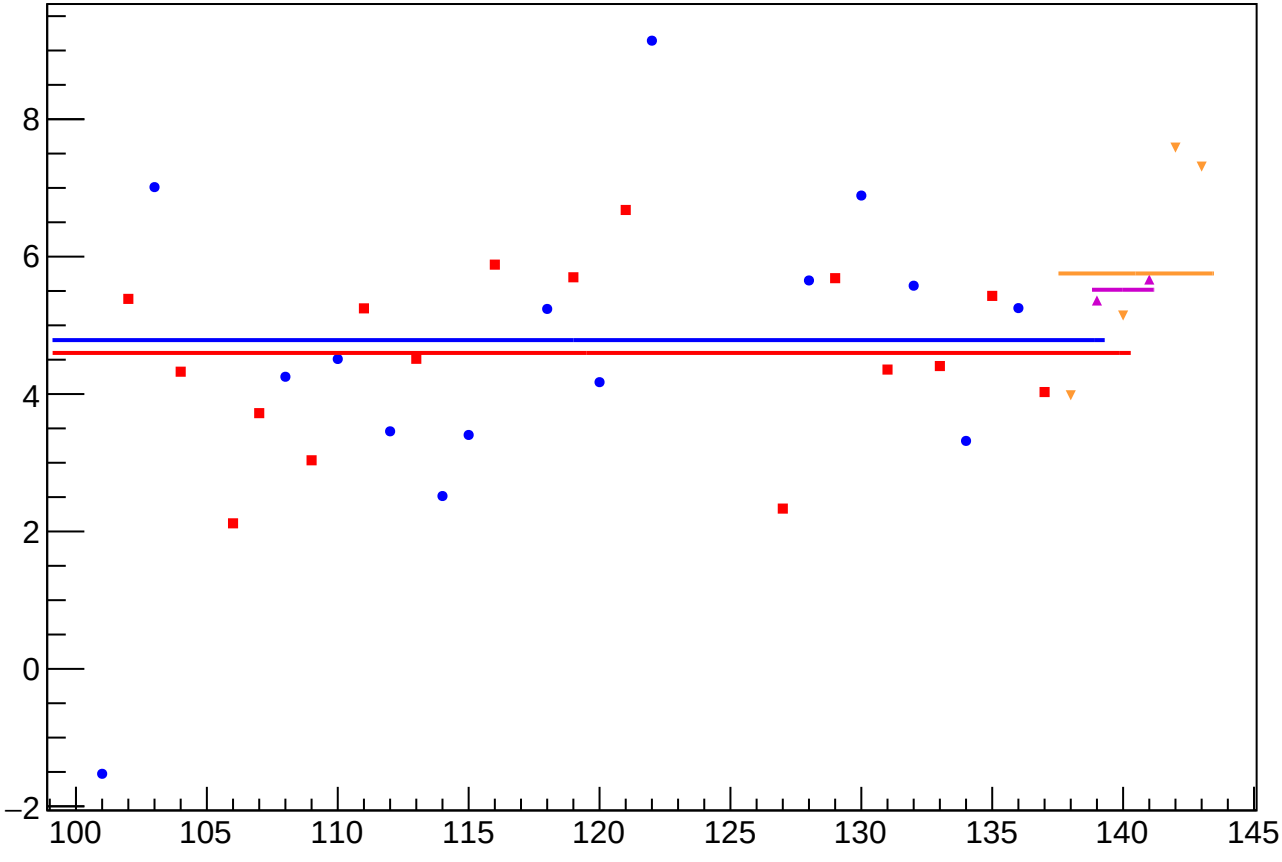
Left In: 2.184+/-0.000 χ^2/NDF:65312899576592818012627664896.0/1

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14

+ sign 5.072+/-0.000 χ^2/NDF: 4769608935196004 1

Left Out: 5.755+/-0.000 χ^2/NDF:592301610219872196117956151738368.0/3

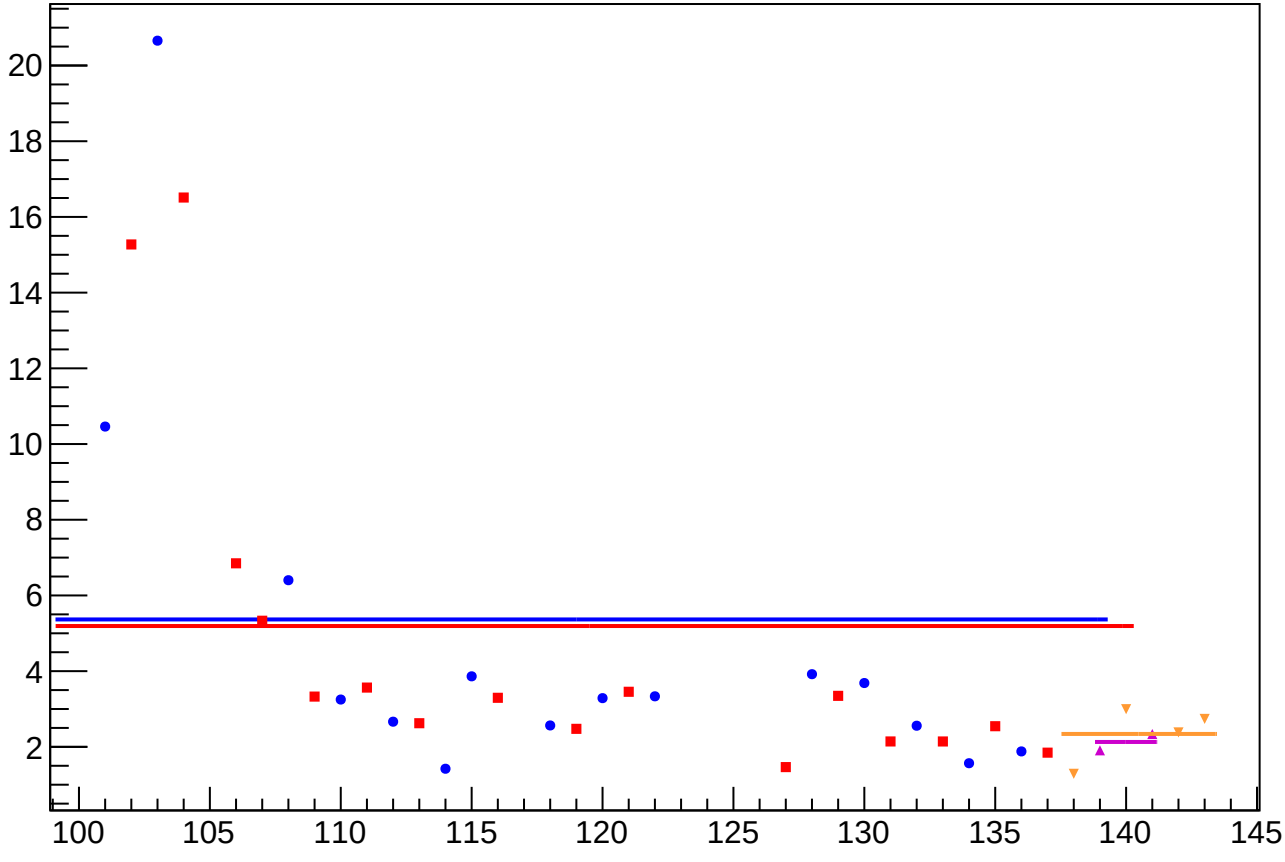
All: 4.934+/-0.000 χ^2/NDF: 5912476532017 6

Right Out: 4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15

- sign 4.782+/-0.000 χ^2/NDF: 11058915275977308

Left In: 5.518+/-0.000 χ^2/NDF:387061515941745783649620878950 4.0/1

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

+ sign 4.470+/-0.000 χ^2/NDF: 2067126224611073 7

Left Out: 2.341+/-0.000 χ^2/NDF:1322112079096240204238368958054 40.0/3

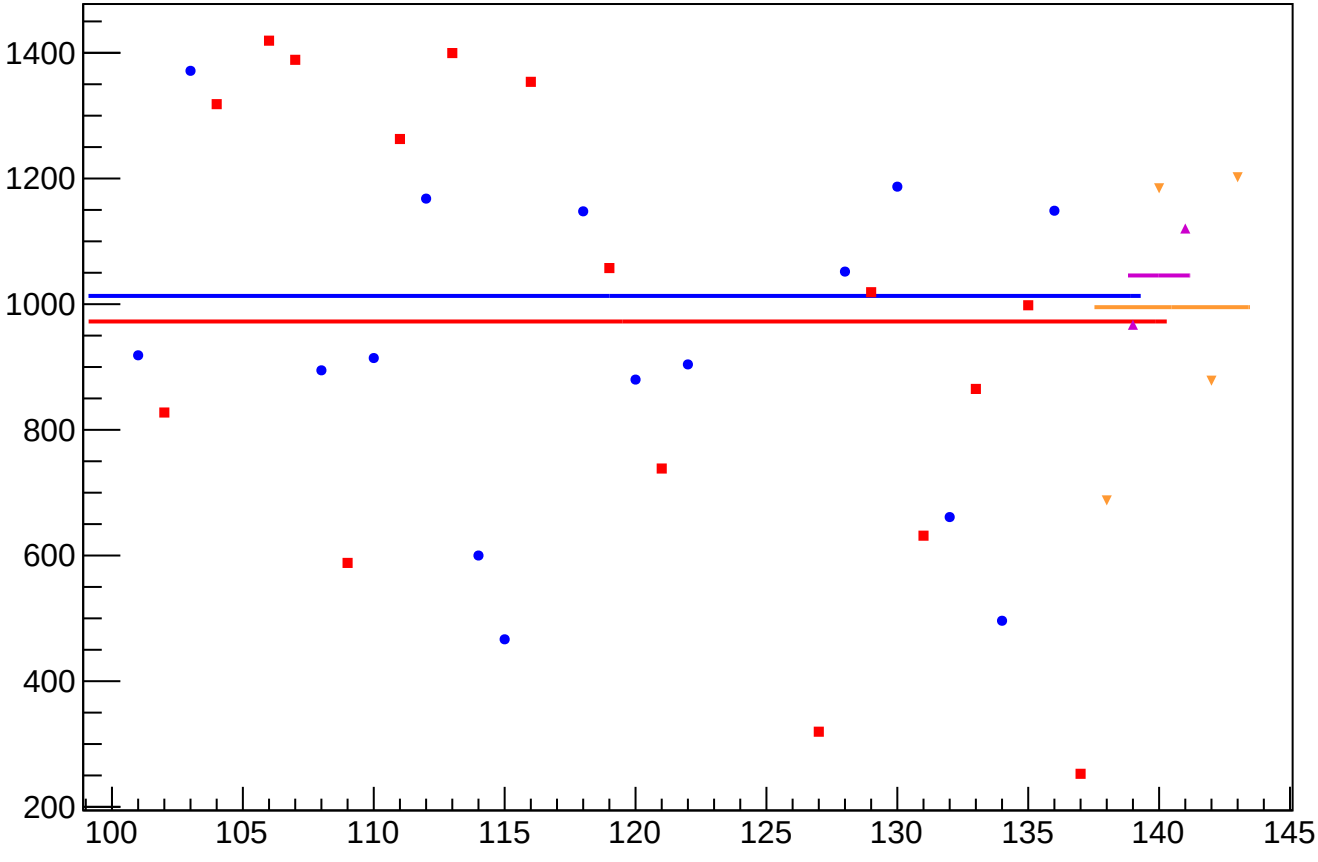
All: 4.523+/-0.000 χ^2/NDF: 3768103389091 7

Right Out: 5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

- sign 4.582+/-0.000 χ^2/NDF: 1700434384291597 3

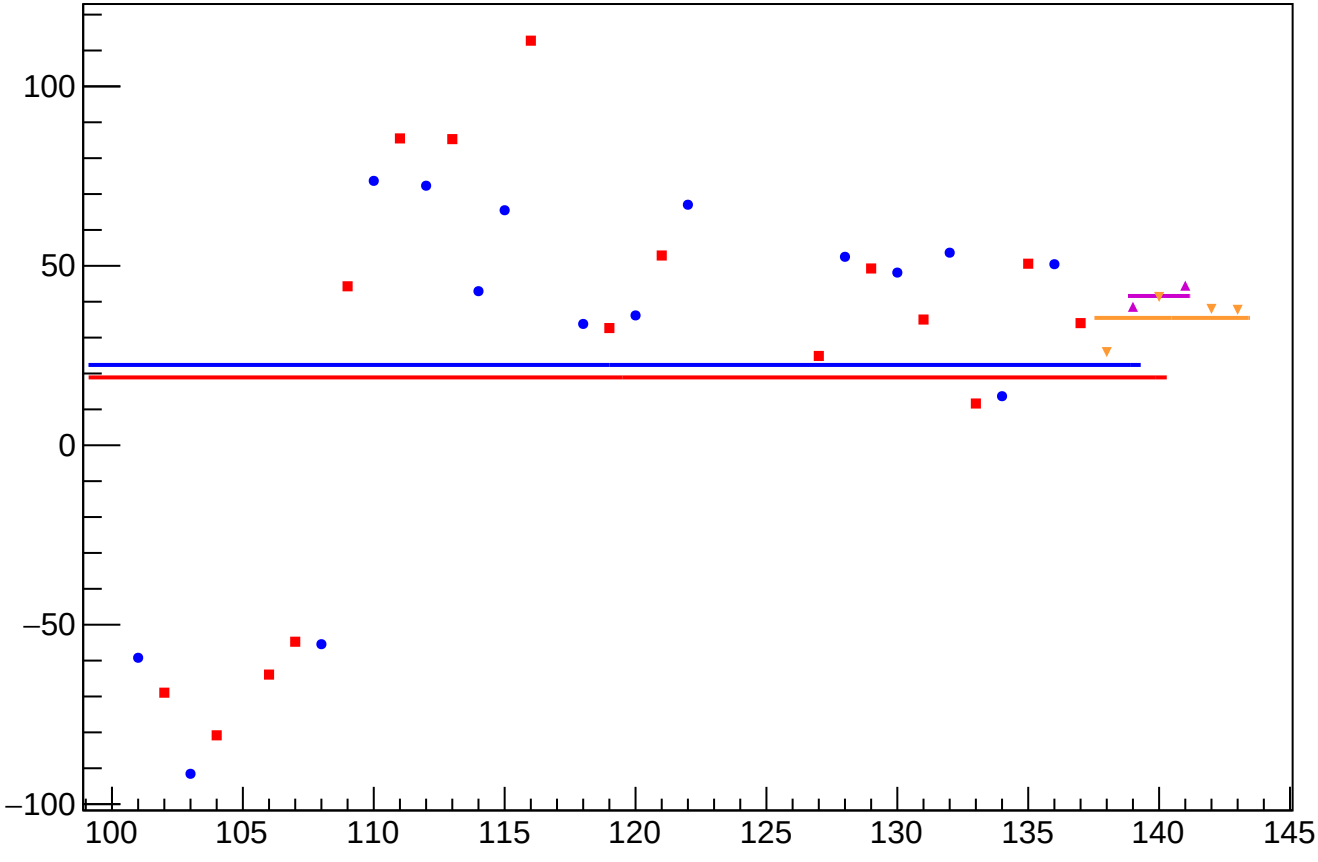
Left In: 2.129+/-0.000 χ^2/NDF:7696078065675706939430198575104.0/1

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

+ sign 26.266+/-0.000 χ^2/NDF: 1965789601272890

Left Out: 35.493+/-0.000 χ^2/NDF:1050906374708191919534796109040844 8.0/3

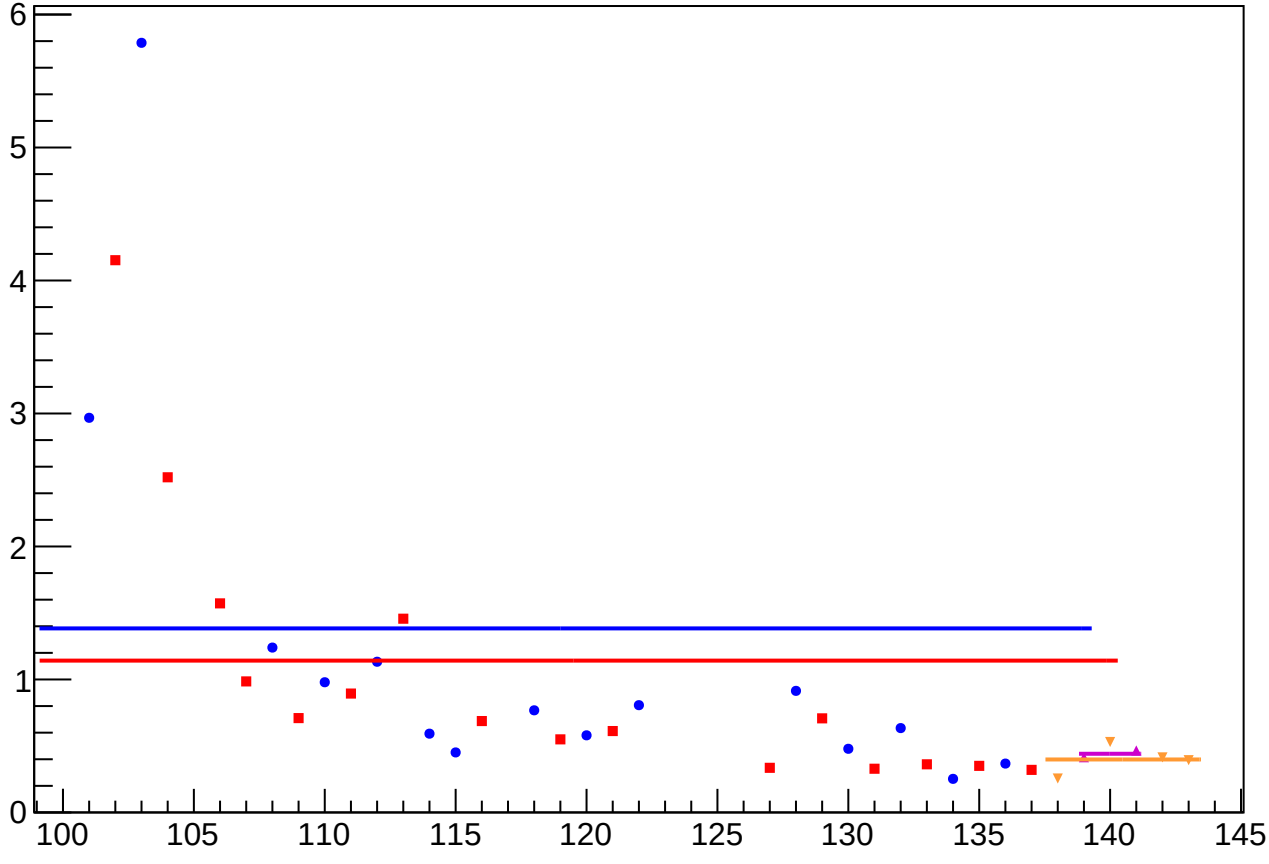
All: 24.920+/-0.000 χ^2/NDF: 422142537058 9

Right Out: 18.907+/-0.000 χ^2/NDF: 2182221808408156293593993992757837824.0/15

- sign 23.430+/-0.000 χ^2/NDF: 2252115567204321

Left In: 41.602+/-0.000 χ^2/NDF:1435270892026708297277973989425152.0/1

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Left Out: 0.398+/-0.000 χ^2/NDF:302566622019200652814791475200 0.0/3

Right Out: 1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

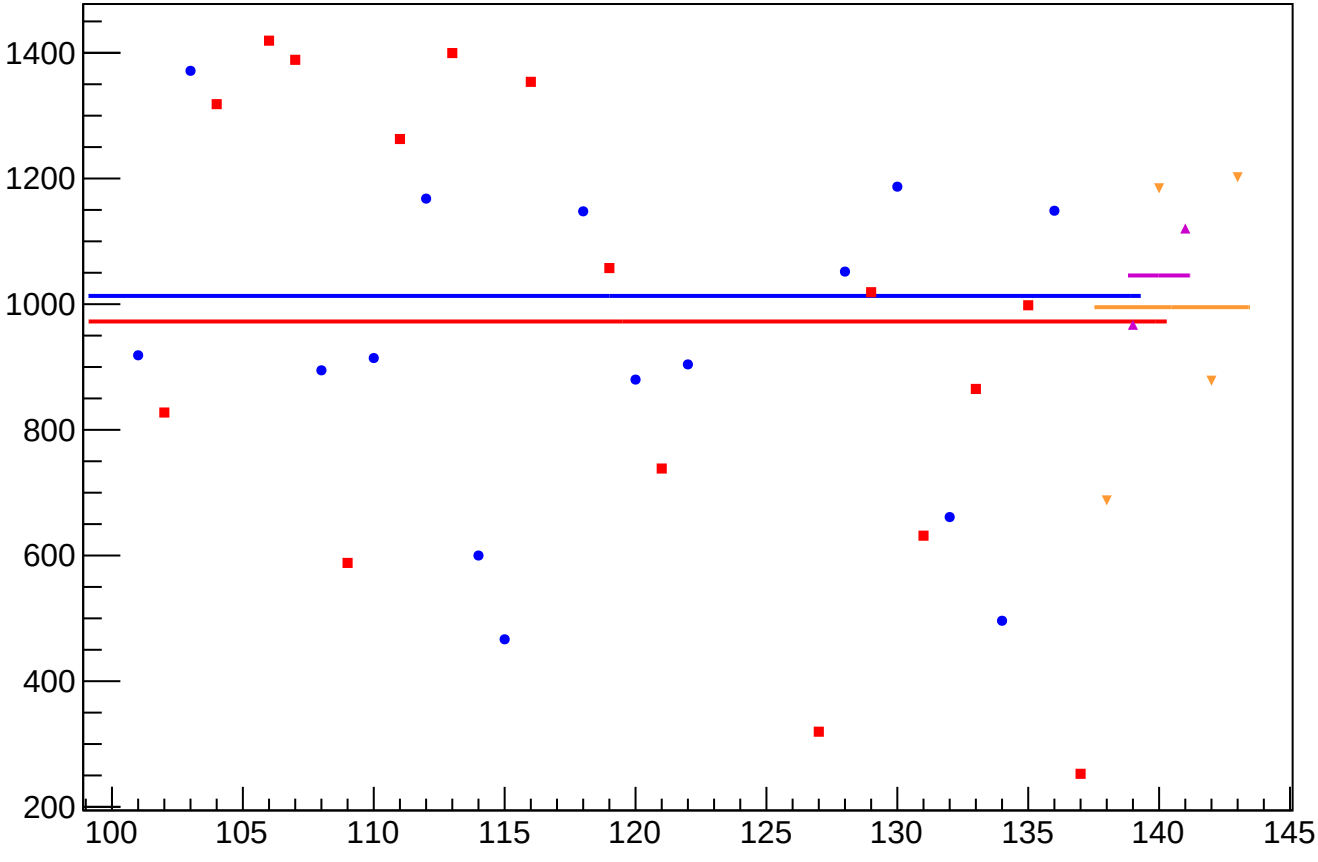
Left In: 0.441+/-0.000 χ^2/NDF:109138916307478538822738771968.0/1

+ sign 1.092+/-0.000 χ^2/NDF: 1760845754793173 2

All: 1.049+/-0.000 χ^2/NDF: 2640395594873 4

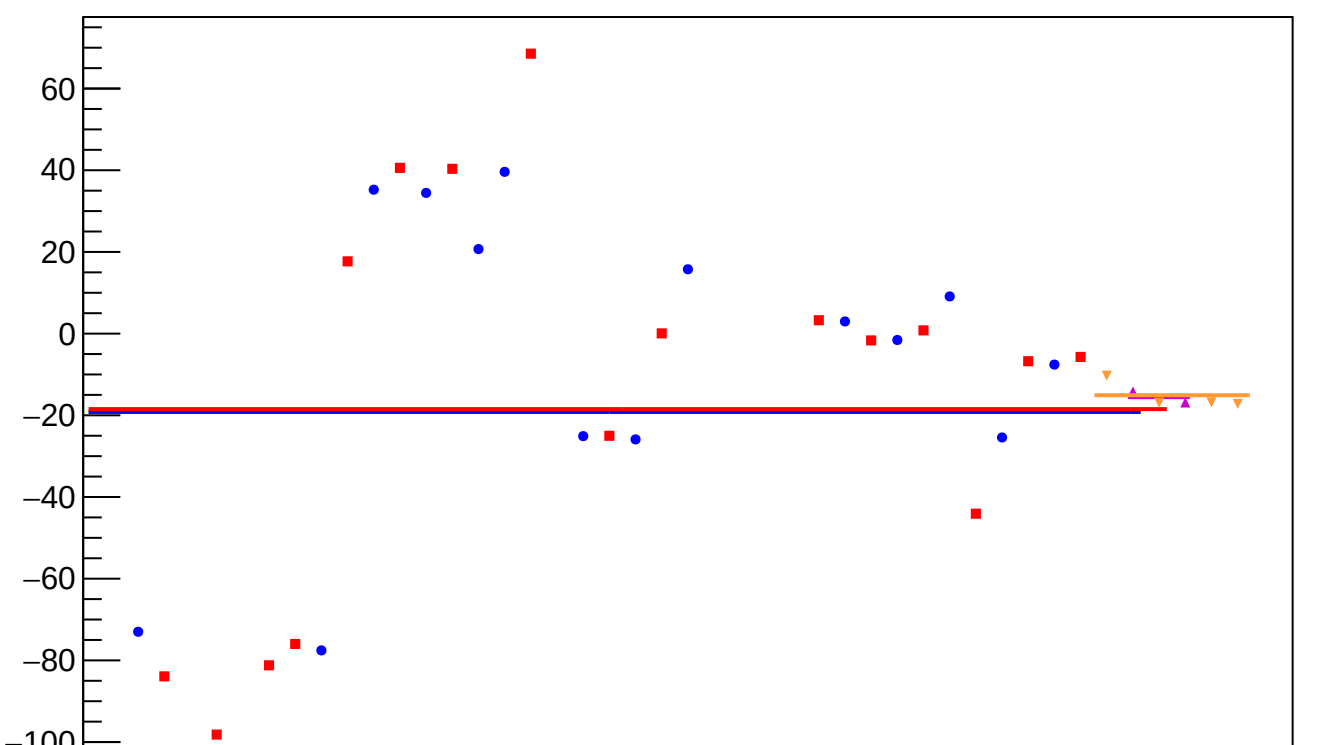
- sign 1.002+/-0.000 χ^2/NDF: 8760109478839206 8

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

+ sign -17.964+/-0.000 χ^2/NDF: 125208547606508

Left Out: -15.086+/-0.000 χ^2/NDF:250706572933525264562890610625740 8.0/3

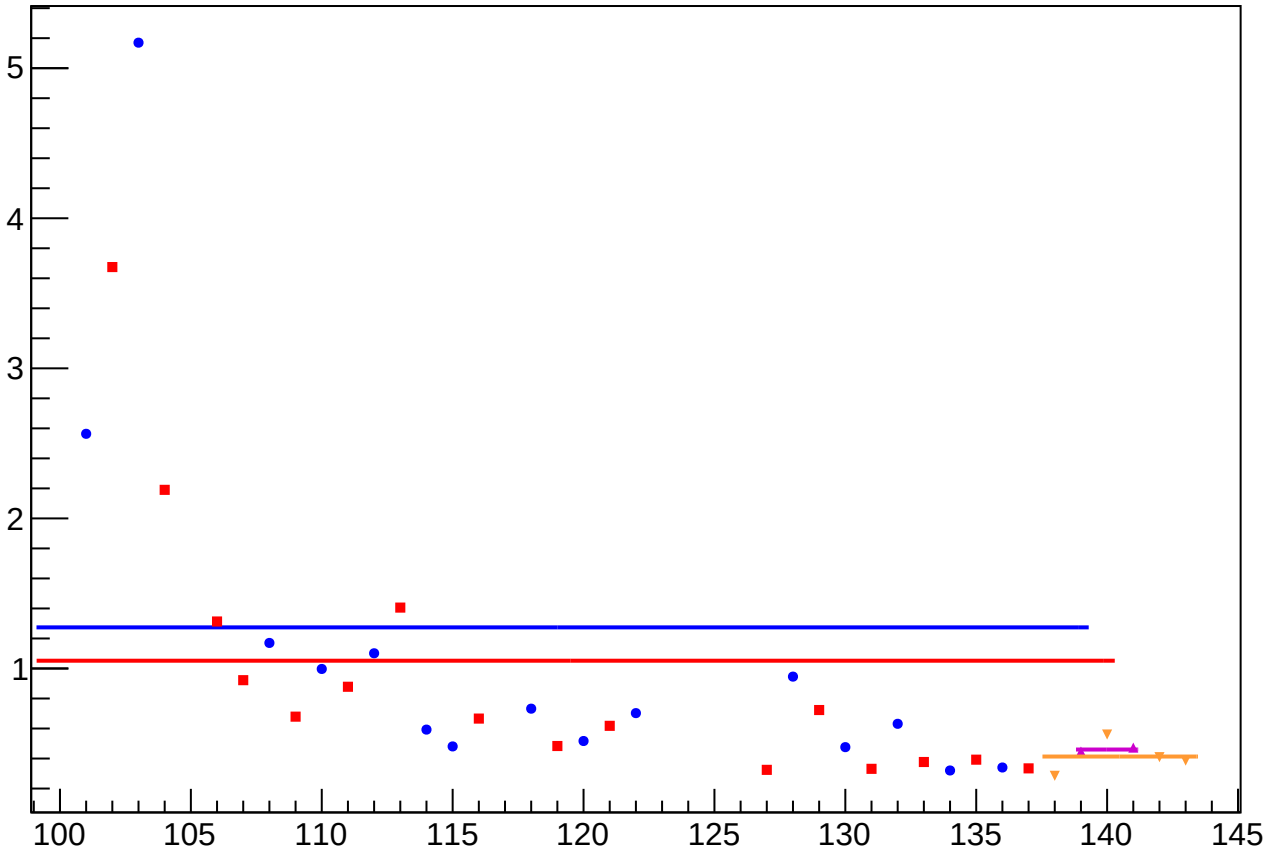
All: -17.931+/-0.000 χ^2/NDF: 274292271904

Right Out: -18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

- sign -17.895+/-0.000 χ^2/NDF: 1490835141644744

Left In: -15.548+/-0.000 χ^2/NDF:2953131800321837984415452663644 16.0/1

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.413+/-0.000 χ^2/NDF:309965702617012123594698994483 2.0/3

Right Out: 1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

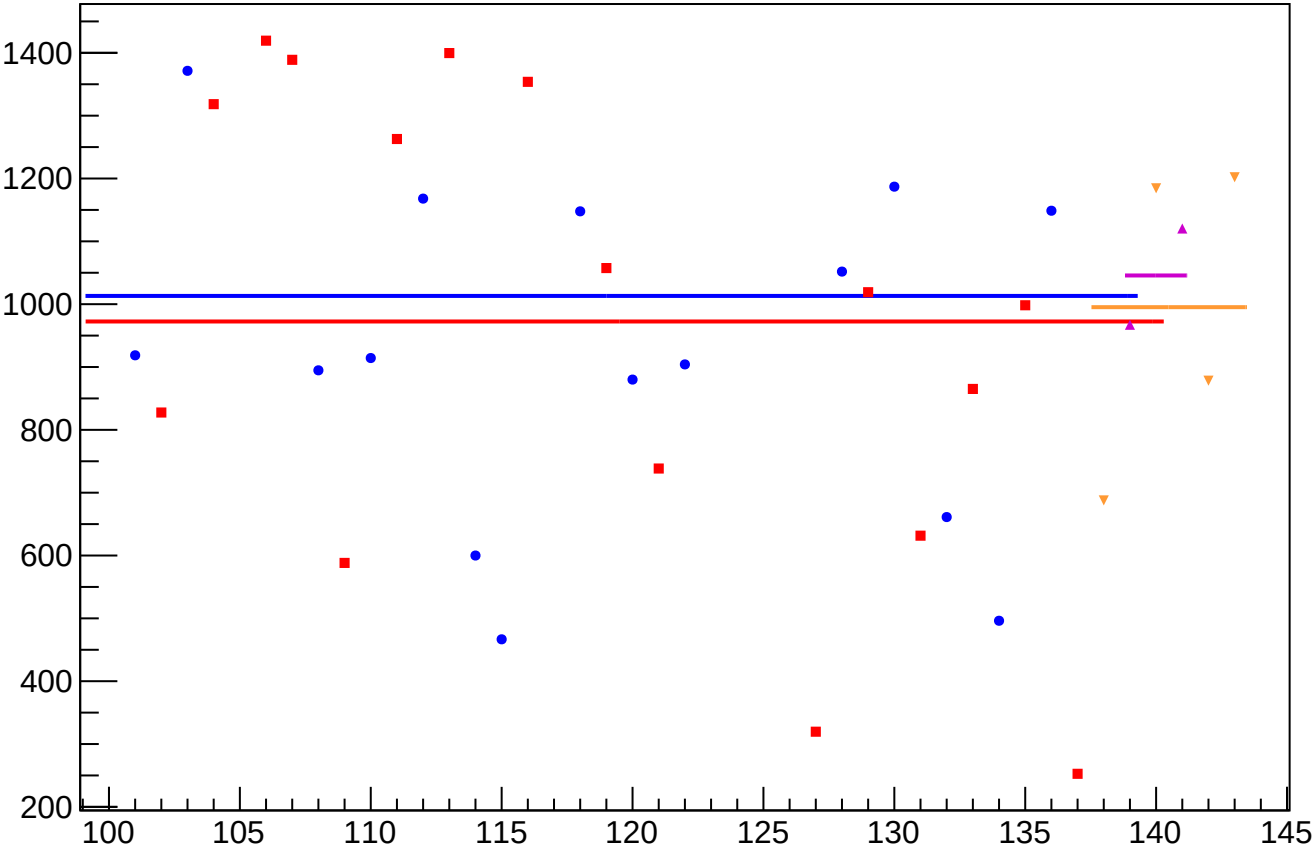
Left In: 0.460+/-0.000 χ^2/NDF:286766512376691136868583997 44.0/1

+ sign 1.019+/-0.000 χ^2/NDF: 1357482965740439 4

All: 0.979+/-0.000 χ^2/NDF: 2014565517238 5

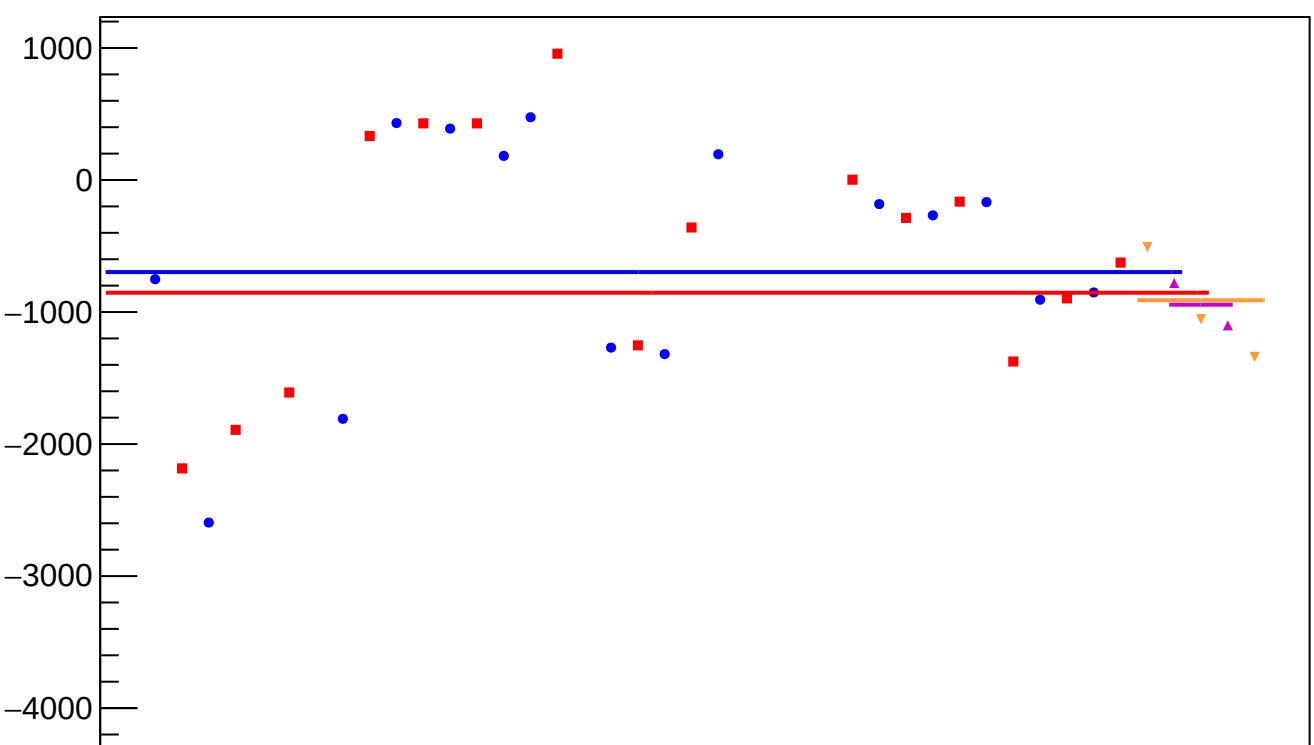
- sign 0.934+/-0.000 χ^2/NDF: 6539023309909647 4

dit_4eY_coil6_Ndata_mean vs Slug



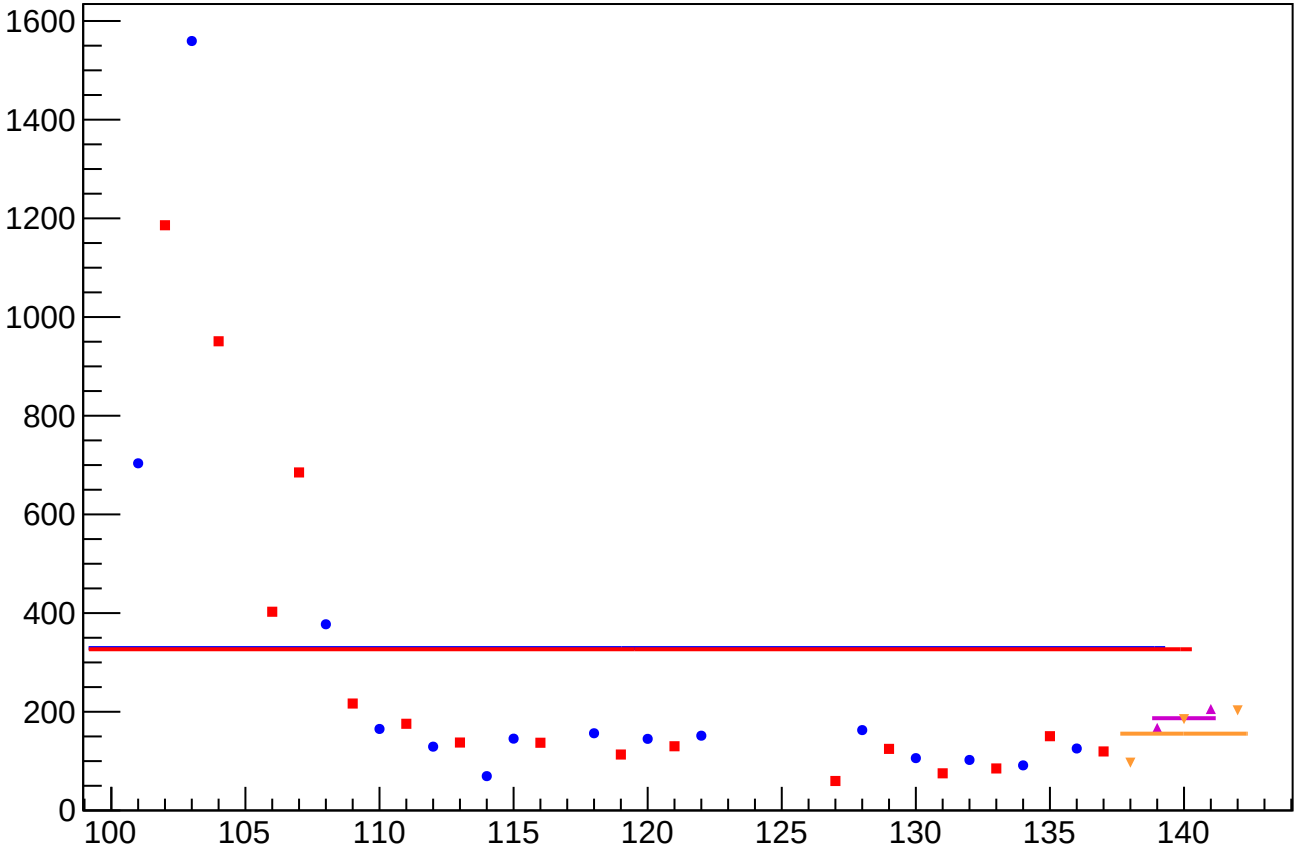
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14
+ sign -748.743+/-0.000 χ^2/NDF: 52038921939629
Left Out: -910.870+/-0.000 χ^2/NDF:228200196465866696284804951191385538 56.0/2
All: -809.473+/-0.000 χ^2/NDF: 16105121292
Right Out: -853.734+/-0.000 χ^2/NDF: 107837902012641231715593227515620176 6912.0/15
- sign -871.807+/-0.000 χ^2/NDF: 108373297571339
Left In: -944.426+/-0.000 χ^2/NDF:426067098563943100514758237298150604 8.0/1

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

+ sign 287.314+/-0.000 χ^2/NDF: 122012108048114

Left Out: 155.641+/-0.000 χ^2/NDF:4430737893495245559038796240246538 24.0/2

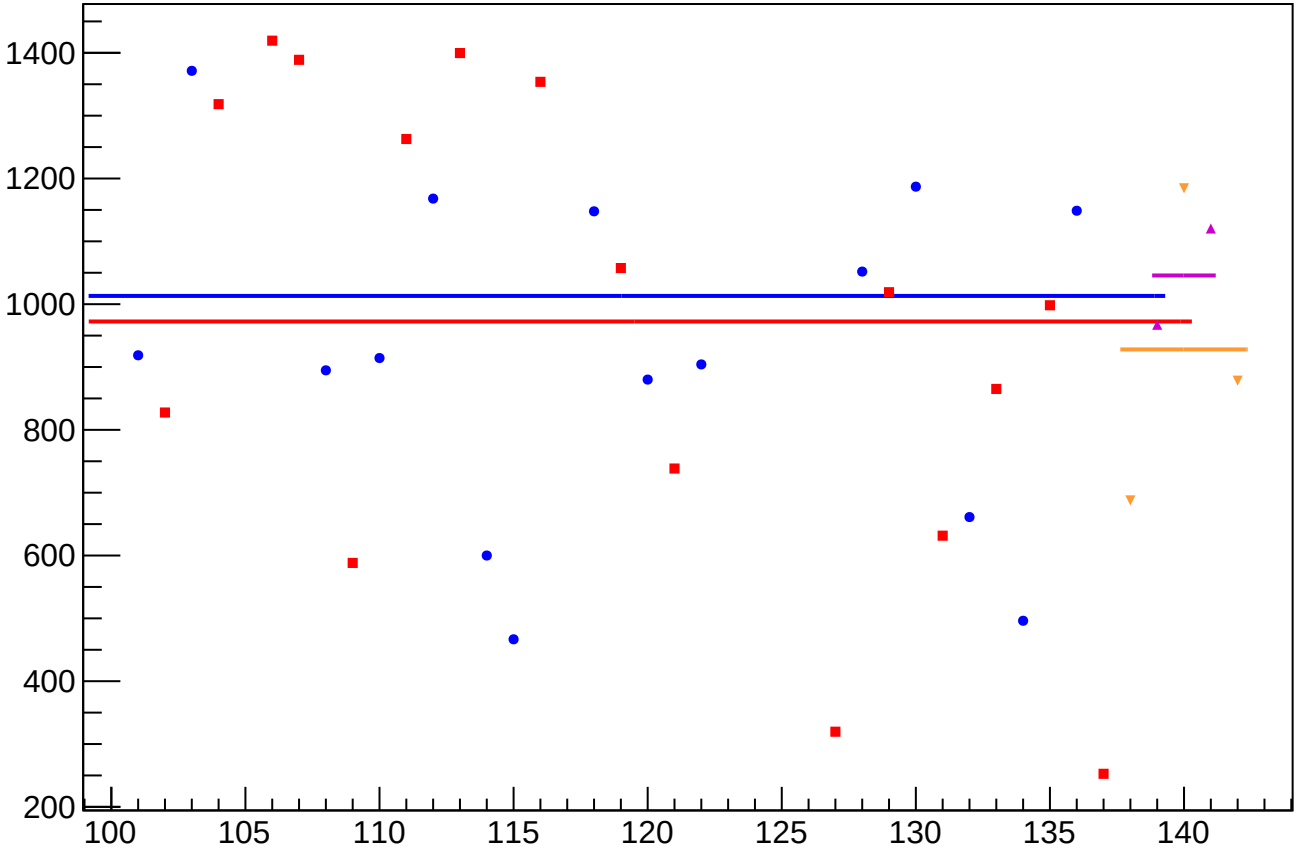
All: 293.005+/-0.000 χ^2/NDF: 21229350232 6

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510 79424.0/15

- sign 298.847+/-0.000 χ^2/NDF: 902252684852909

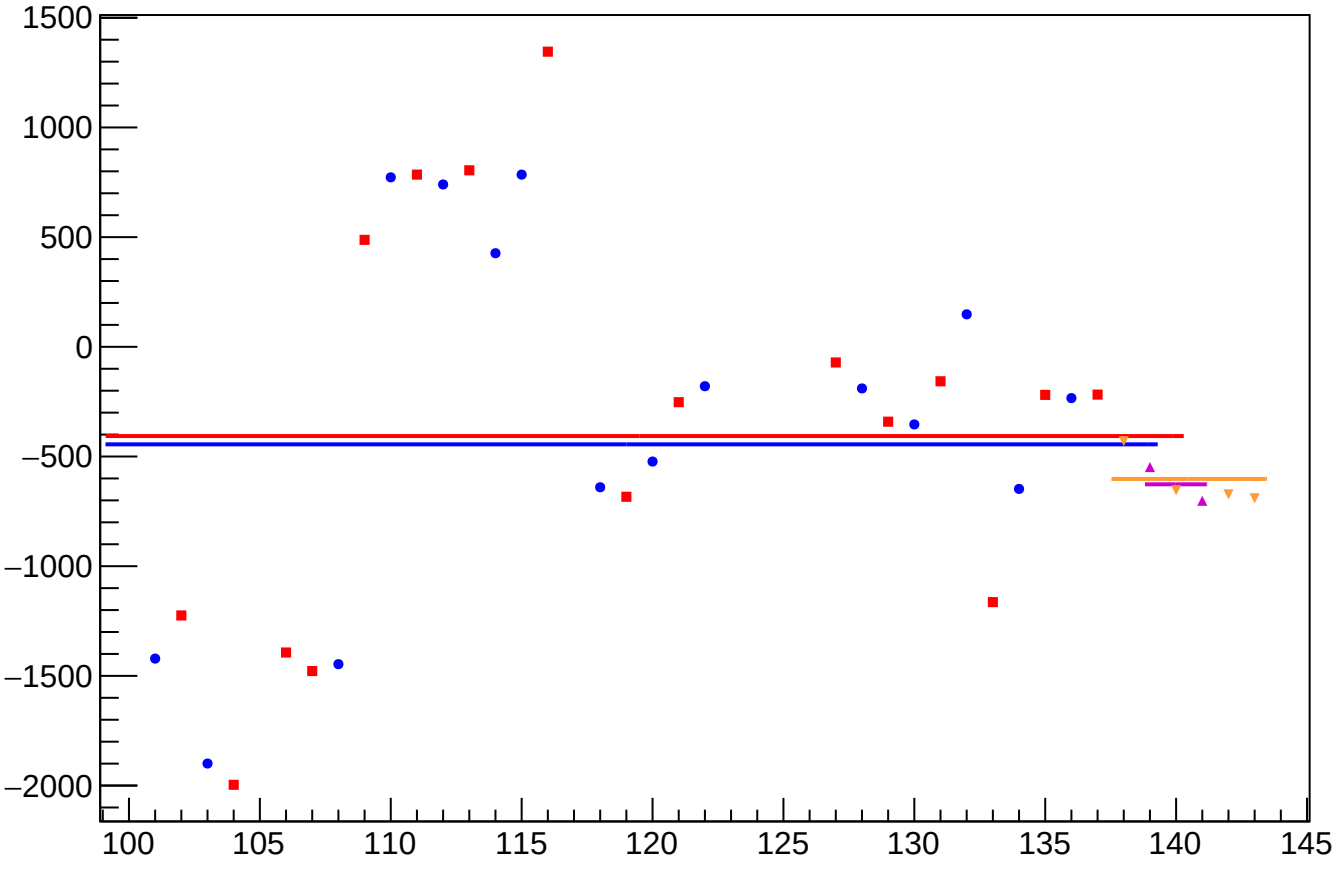
Left In: 186.954+/-0.000 χ^2/NDF:605578989736652653875241807396208 64.0/1

dit_usl_coil6_Ndata_mean vs Slug



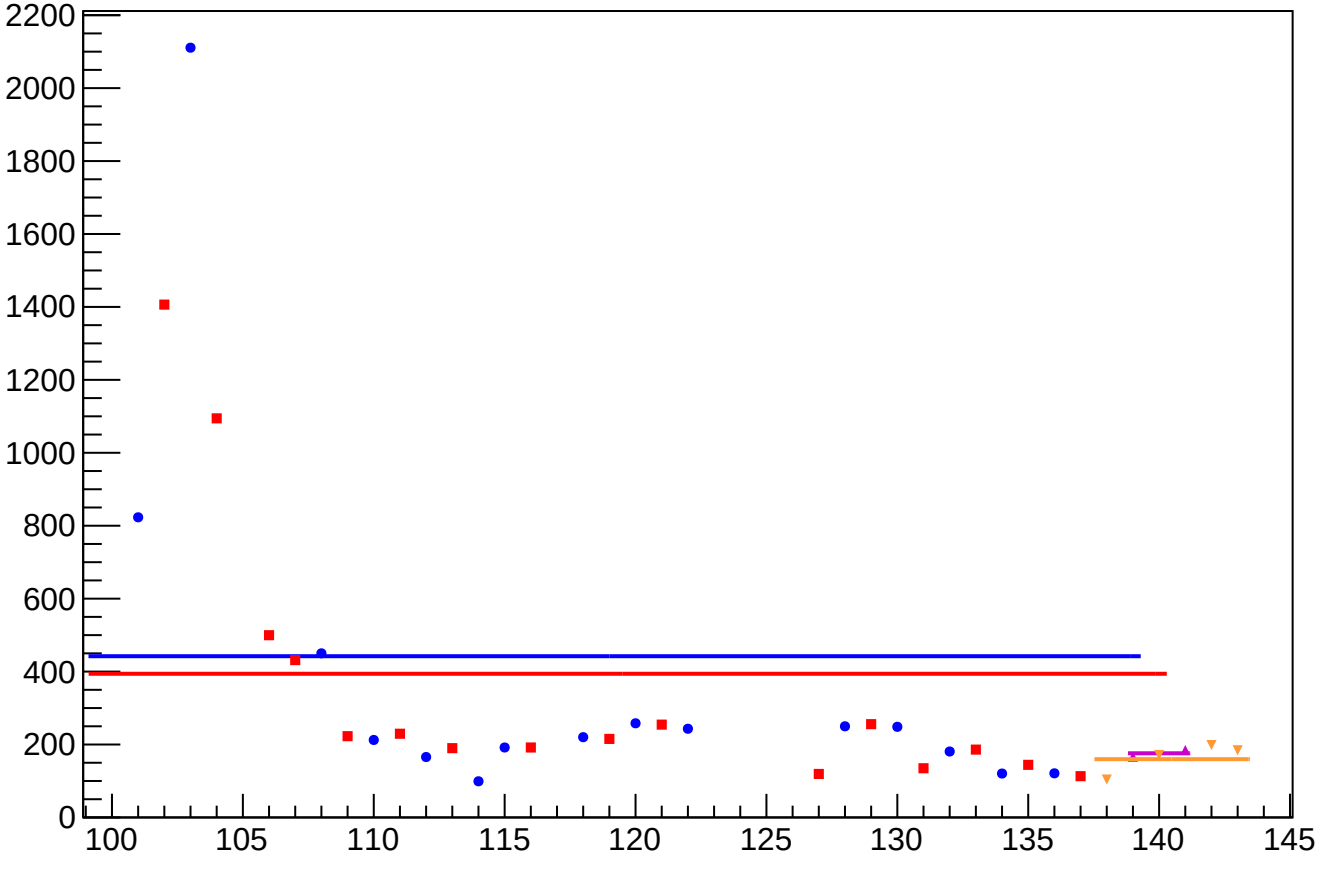
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 992.628+/-0.000 χ^2/NDF: 428643628164345
Left Out: 927.985+/-0.000 χ^2/NDF:1000905623089806518084439518139436236 8.0/2
All: 989.879+/-0.000 χ^2/NDF: 12344755616 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
+ sign -491.192+/-0.000 χ^2/NDF: 40454316413098
Left Out: -602.165+/-0.000 χ^2/NDF:328509512208393081146861704599044096 0.0/3
All: -471.910+/-0.000 χ^2/NDF: 94179832217
Right Out: -406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15
- sign -450.567+/-0.000 χ^2/NDF: 536532892301593
Left In: -626.708+/-0.000 χ^2/NDF:97840023971478731310318389766494617 6.0/1

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

+ sign 358.571+/-0.000 χ^2/NDF: 219695120324535

Left Out: 159.850+/-0.000 χ^2/NDF:36349867465941407623099831136393625 6.0/3

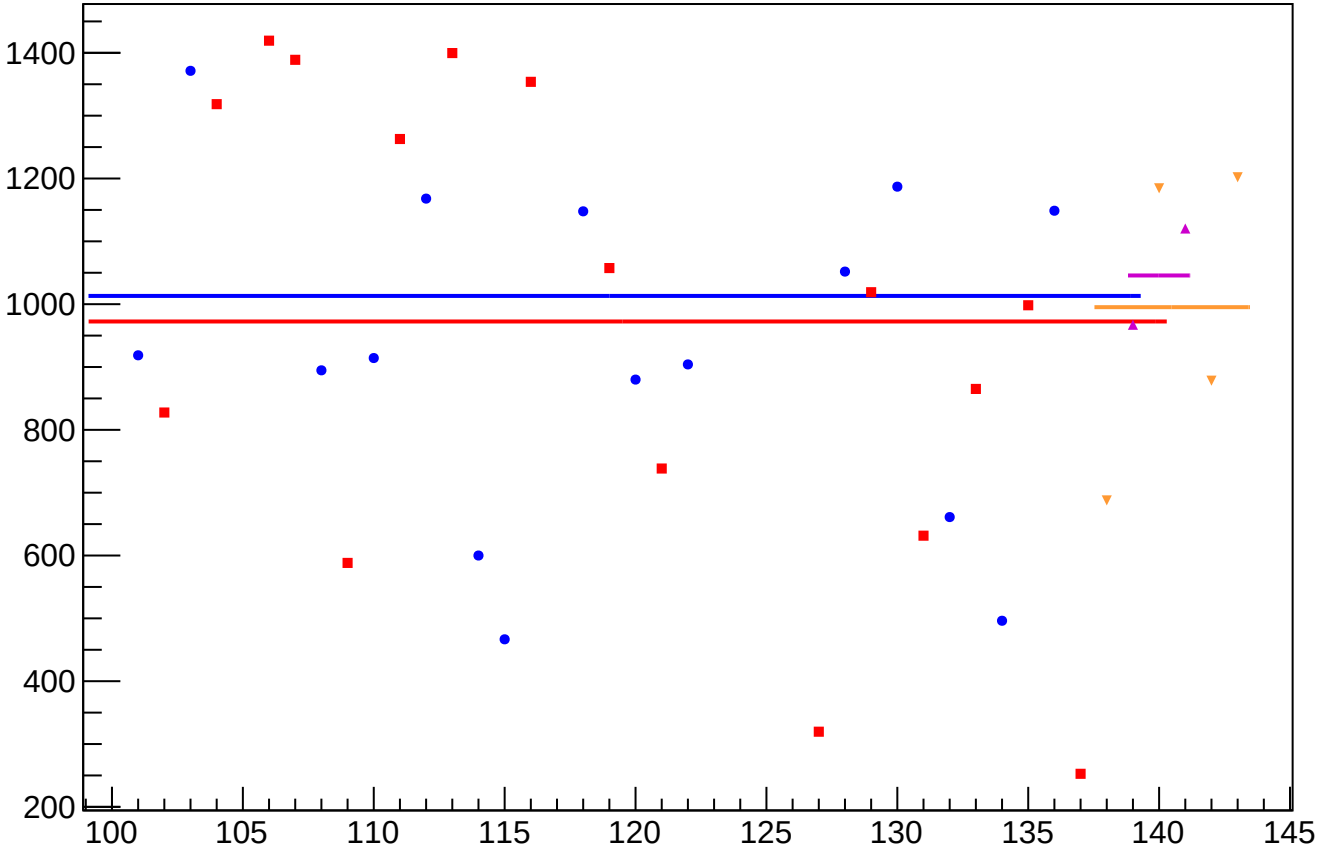
All: 354.779+/-0.000 χ^2/NDF: 331938902193

Right Out: 394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

- sign 350.582+/-0.000 χ^2/NDF: 112215852185432

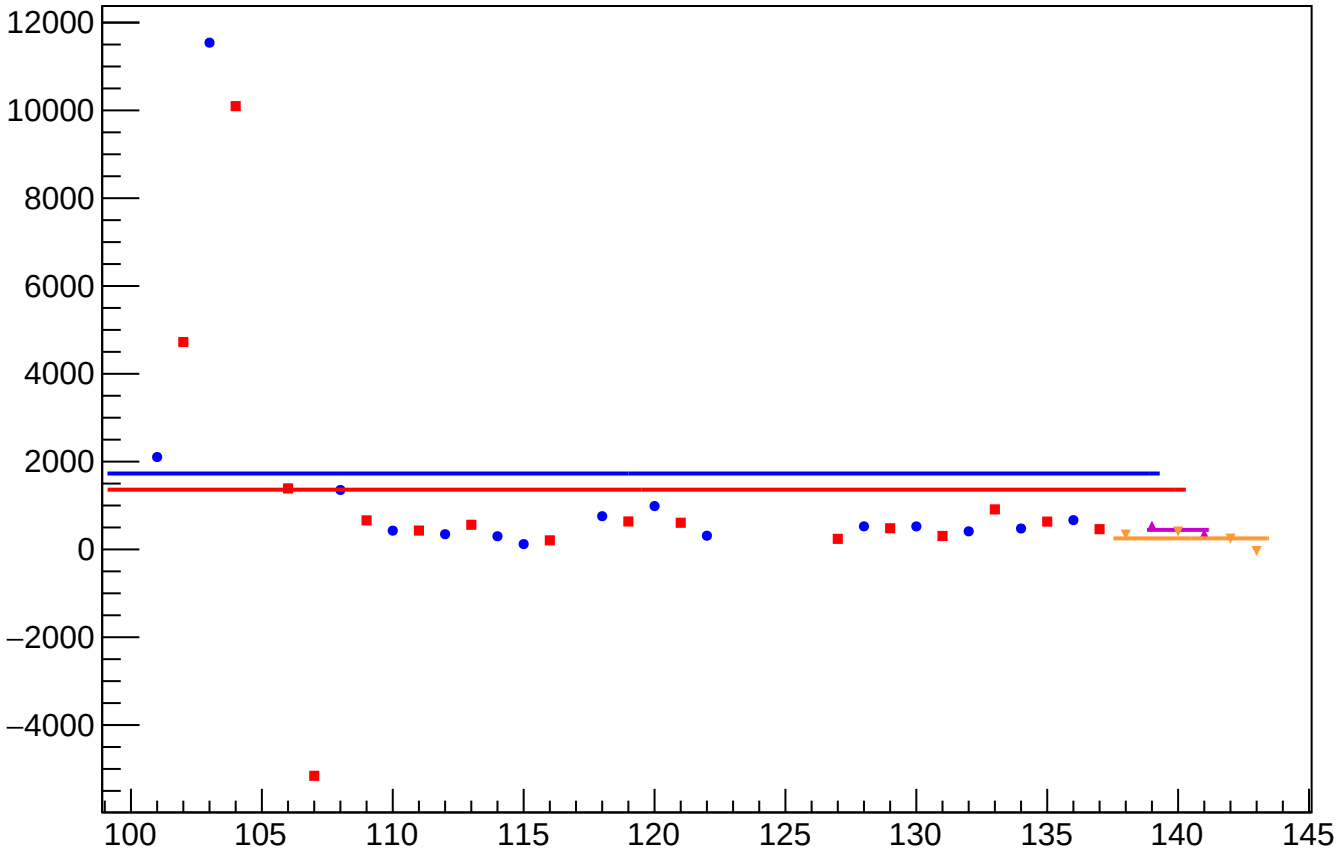
Left In: 175.991+/-0.000 χ^2/NDF:138906399755471507215083153098014 72.0/1

dit_usr_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14

+ sign 1291.574+/-0.000 χ^2/NDF: 6840692772680

Left Out: 251.655+/-0.000 χ^2/NDF:8152637205134913830492558527574310912.0/3

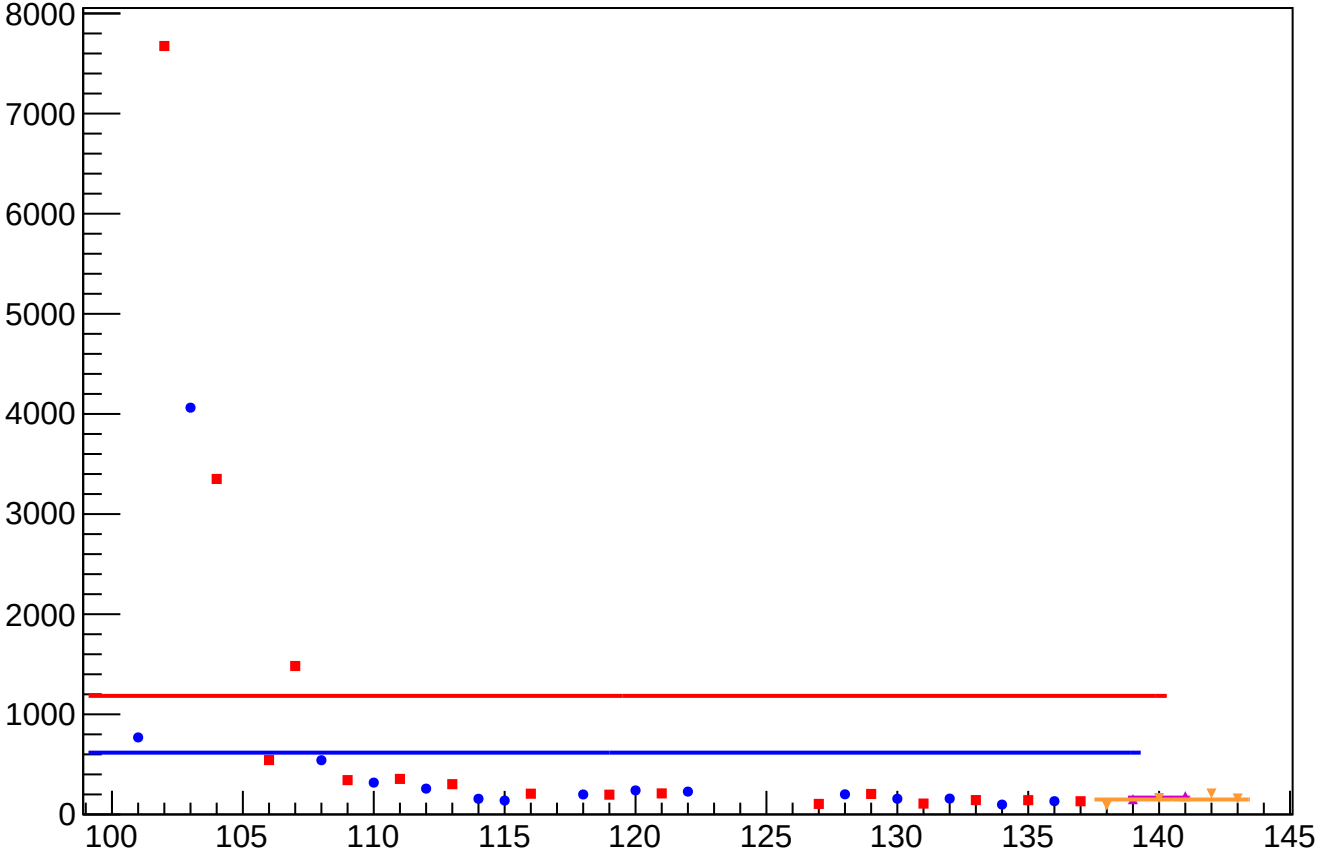
All: 1237.906+/-0.000 χ^2/NDF: 1339068737

Right Out: 1360.914+/-0.000 χ^2/NDF: 6431605933148863413038417850186506174464.0/15

- sign 1178.503+/-0.000 χ^2/NDF: 65443995338541

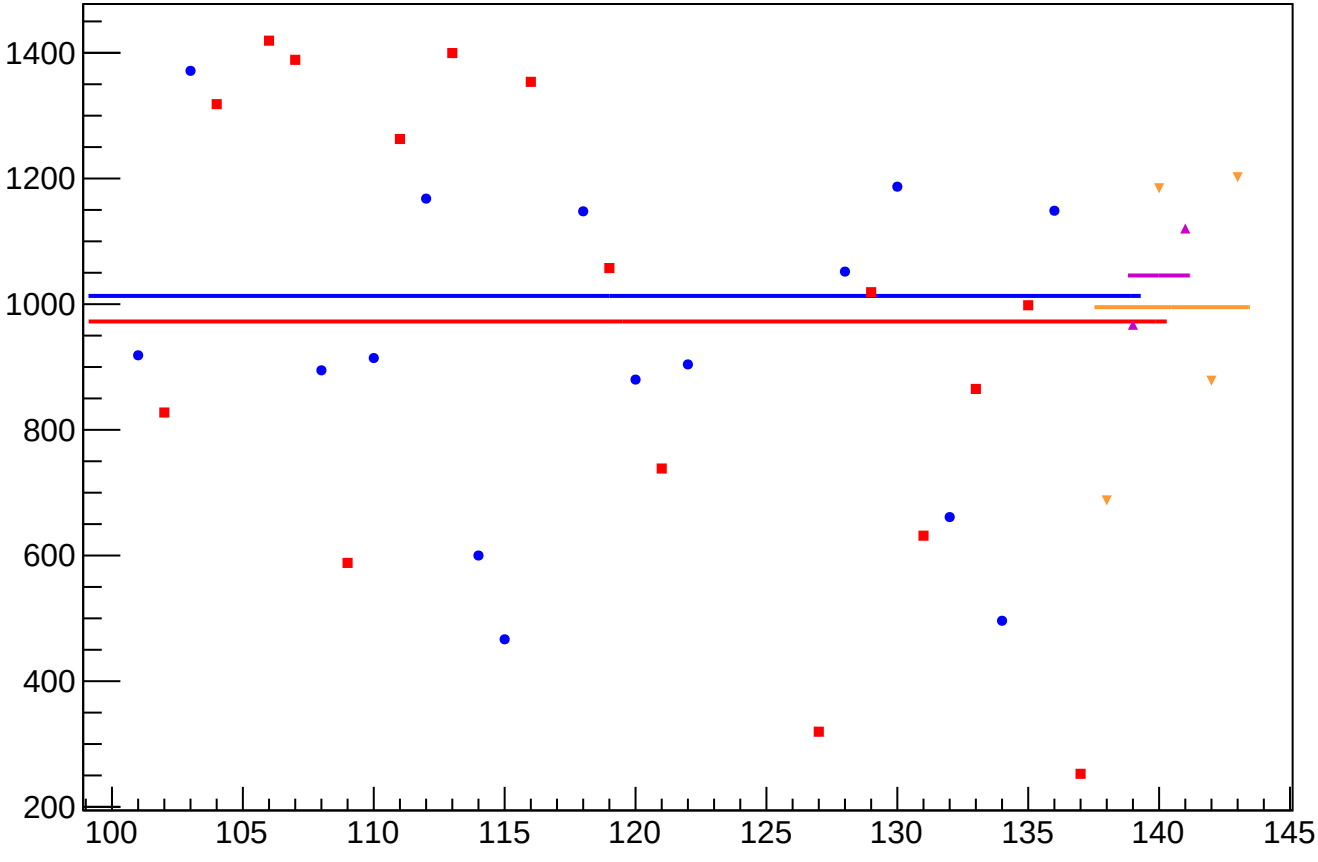
Left In: 445.563+/-0.000 χ^2/NDF:1424798255664115649188154826857381888.0/1

dit_atl1_coil6_err_mean vs Slug



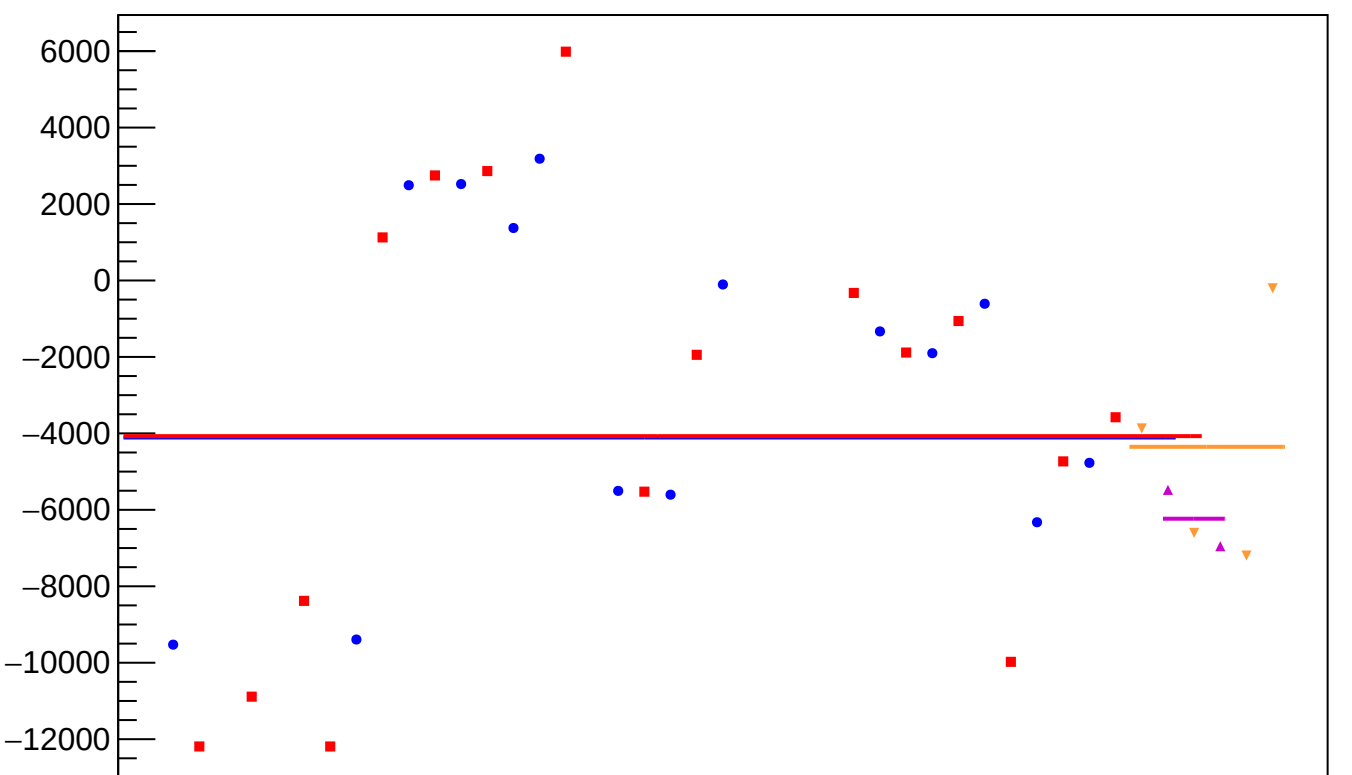
Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14
+ sign 478.764+/-0.000 χ^2/NDF: 83491723222785 1
Left Out: 149.322+/-0.000 χ^2/NDF:4584670558033521921049335575368171 52.0/3
All: 717.547+/-0.000 χ^2/NDF: 42503584957 6
Right Out: 1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15
- sign 981.841+/-0.000 χ^2/NDF: 33046852116705 6
Left In: 168.259+/-0.000 χ^2/NDF:3835465416411271064904384429162496 0.0/1

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

+ sign -4179.663+/-0.000 χ^2/NDF: 1649702958332

Left Out: -4351.351+/-0.000 χ^2/NDF:195816111471021272160596198632029631283 2.0/3

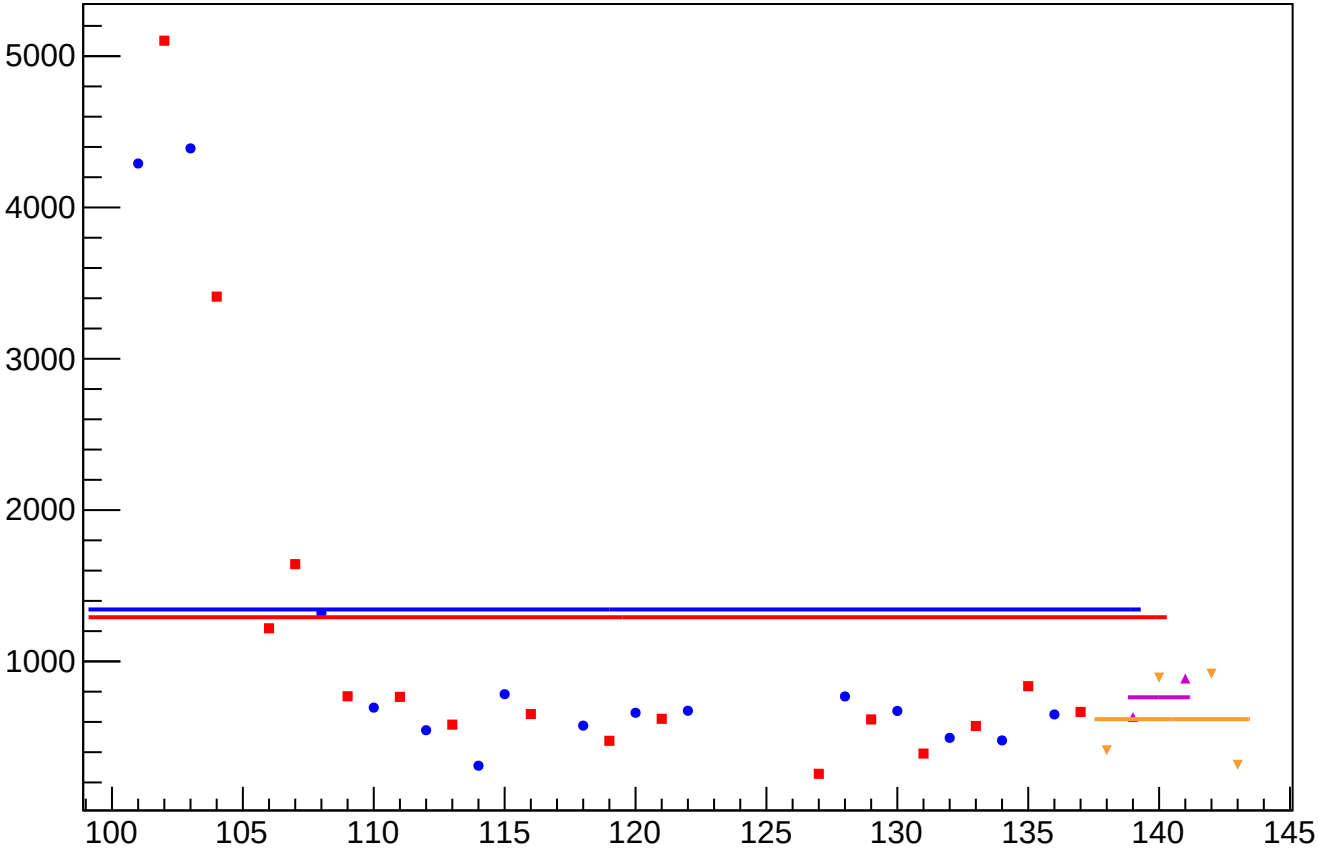
All: -4332.962+/-0.000 χ^2/NDF: 376203519 7

Right Out: -4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

- sign -4502.640+/-0.000 χ^2/NDF: 2107767211031 8

Left In: -6232.505+/-0.000 χ^2/NDF:9013003700136236262638919310890342809 6.0/1

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

+ sign 1128.661+/-0.000 χ^2/NDF: 1438222448469

Left Out: 618.353+/-0.000 χ^2/NDF:1974584222567974516677217395154301747 2.0/3

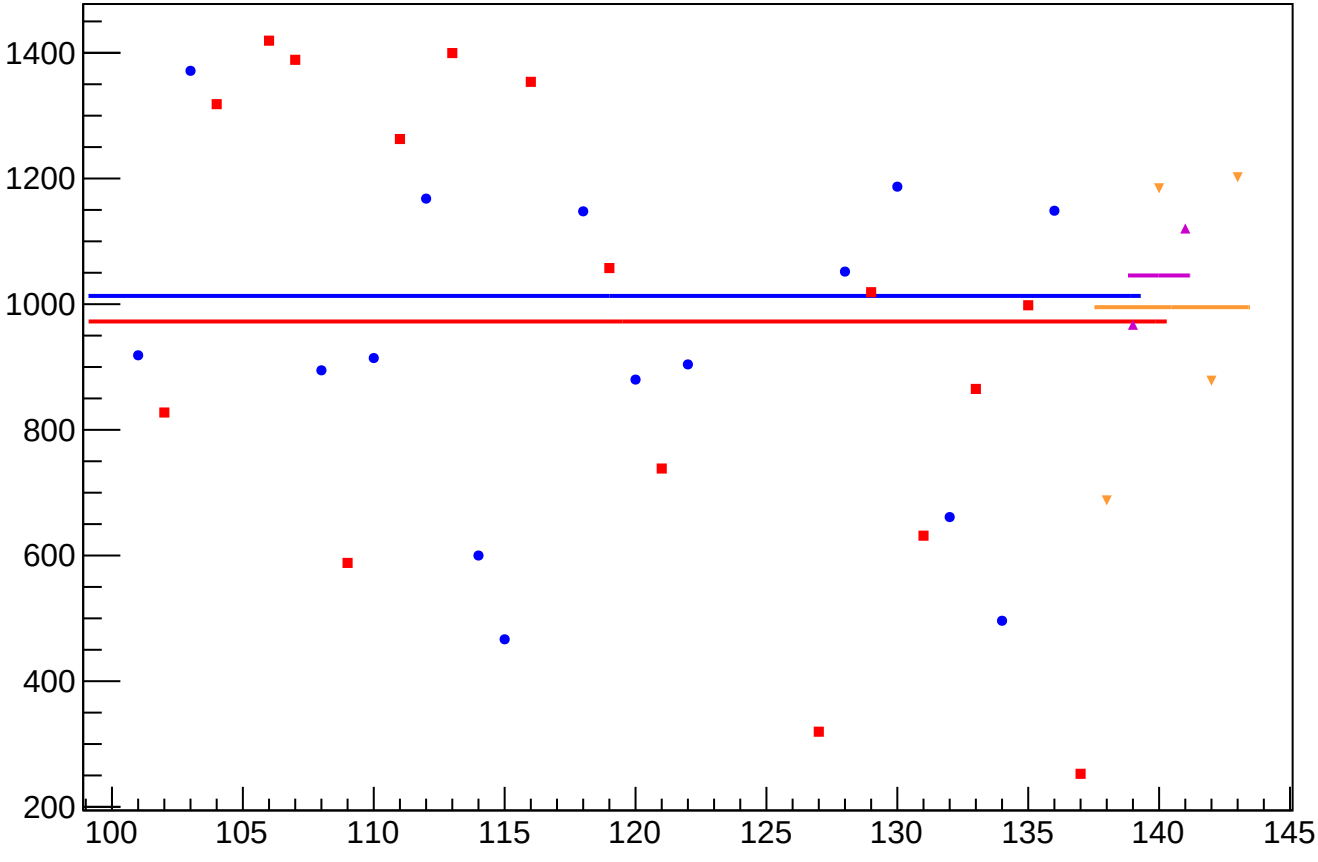
All: 1156.056+/-0.000 χ^2/NDF: 2803132414

Right Out: 1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

- sign 1186.378+/-0.000 χ^2/NDF: 13634521600127

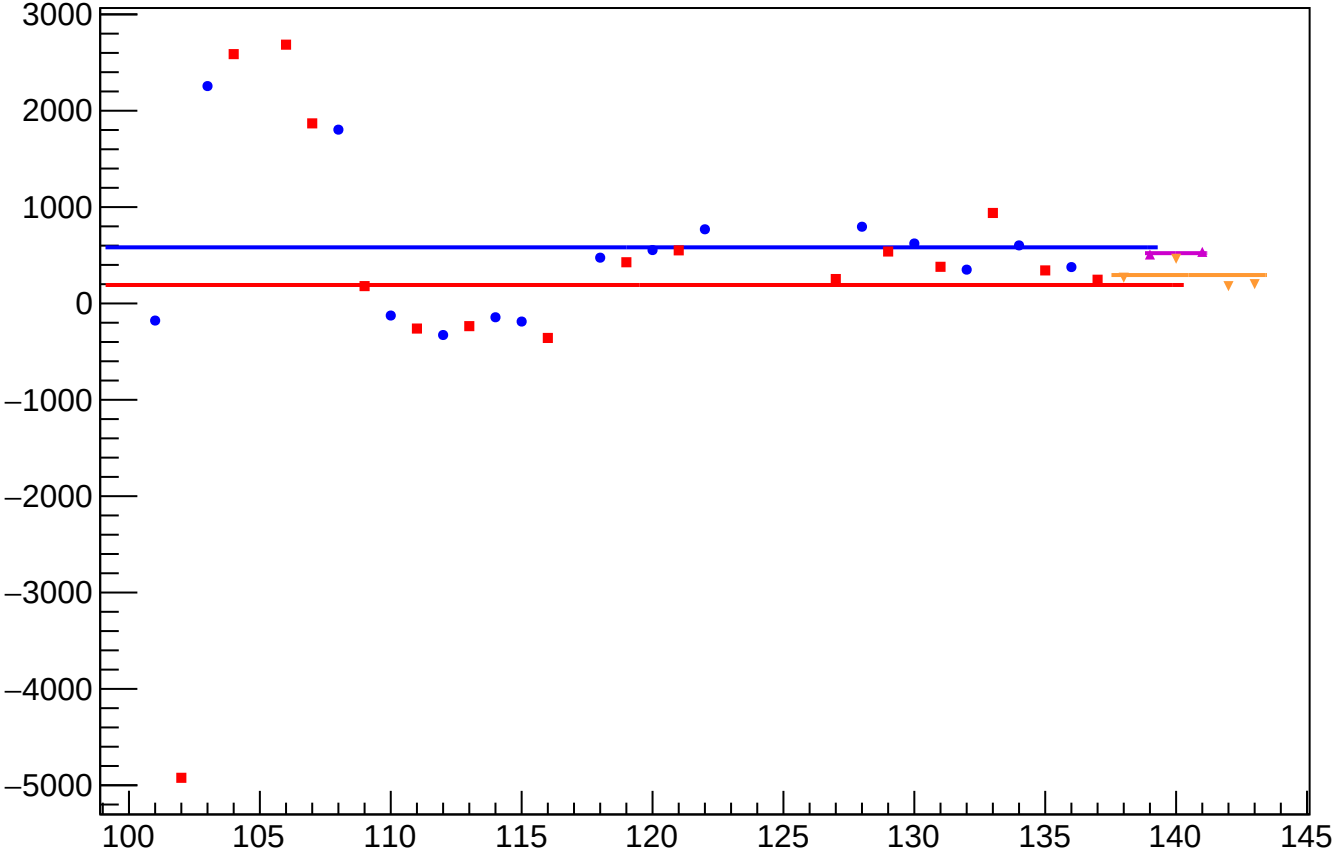
Left In: 762.798+/-0.000 χ^2/NDF:2687126406394388273700130460891348992.0/1

dit_atl2_coil6_Ndata_mean vs Slug



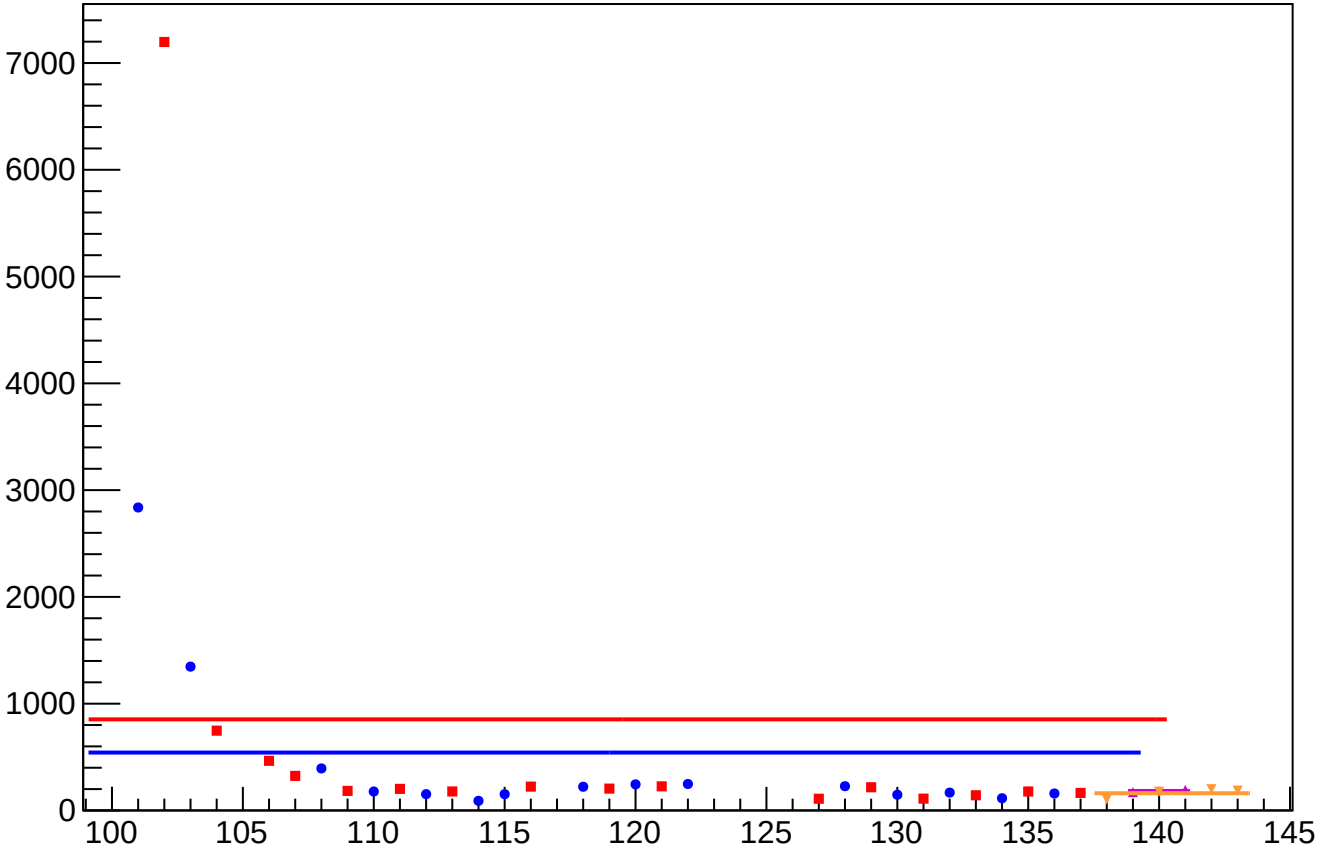
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_atr1_coil6_mean vs Slug



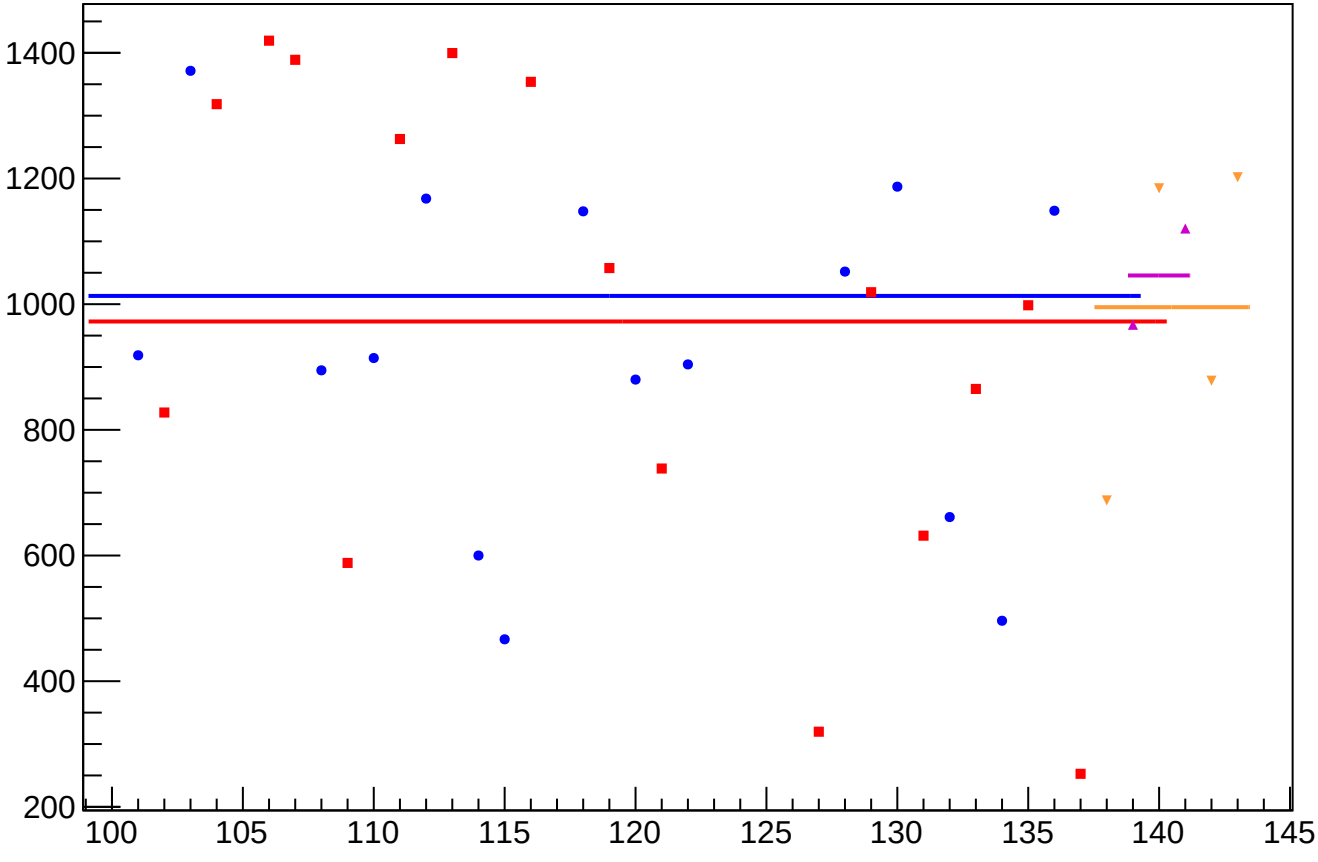
Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14
+ sign 497.287+/-0.000 χ^2/NDF: 35828397148057
Left Out: 294.972+/-0.000 χ^2/NDF:36127819177718837108359913095959674 88.0/3
All: 383.436+/-0.000 χ^2/NDF: 25667619826
Right Out: 191.587+/-0.000 χ^2/NDF: 216876212055234622341674300502071626 9568.0/15
- sign 257.422+/-0.000 χ^2/NDF: 218329938383527
Left In: 521.949+/-0.000 χ^2/NDF:30583720520907610835015584949731328.0/1

dit_atr1_coil6_err_mean vs Slug



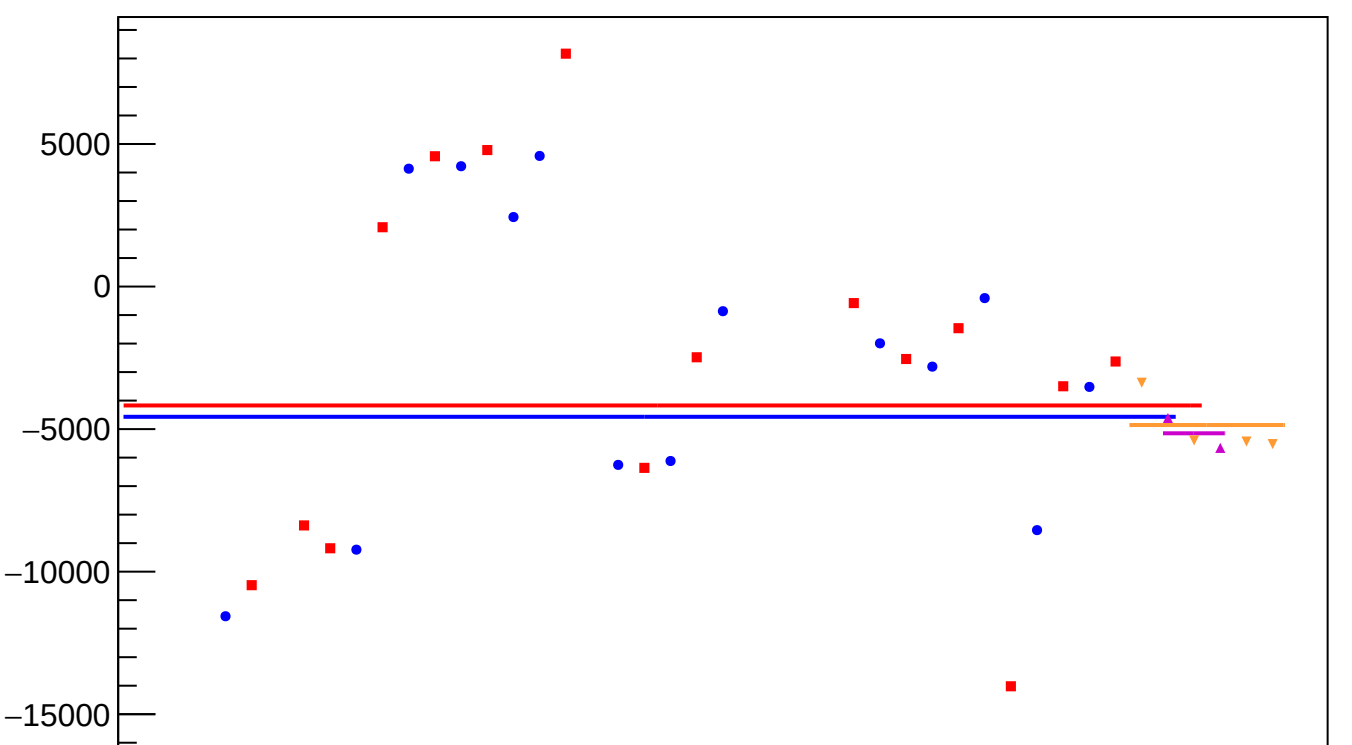
Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14
+ sign 429.528+/-0.000 χ^2/NDF: 442654958158181
Left Out: 161.371+/-0.000 χ^2/NDF:387547486329658650599445603383508992.0/3
All: 567.170+/-0.000 χ^2/NDF: 311336907777
Right Out: 853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15
- sign 719.517+/-0.000 χ^2/NDF: 263391297544582
Left In: 182.356+/-0.000 χ^2/NDF:179771974878392568914964313748275 20.0/1

dit_atr1_coil6_Ndata_mean vs Slug



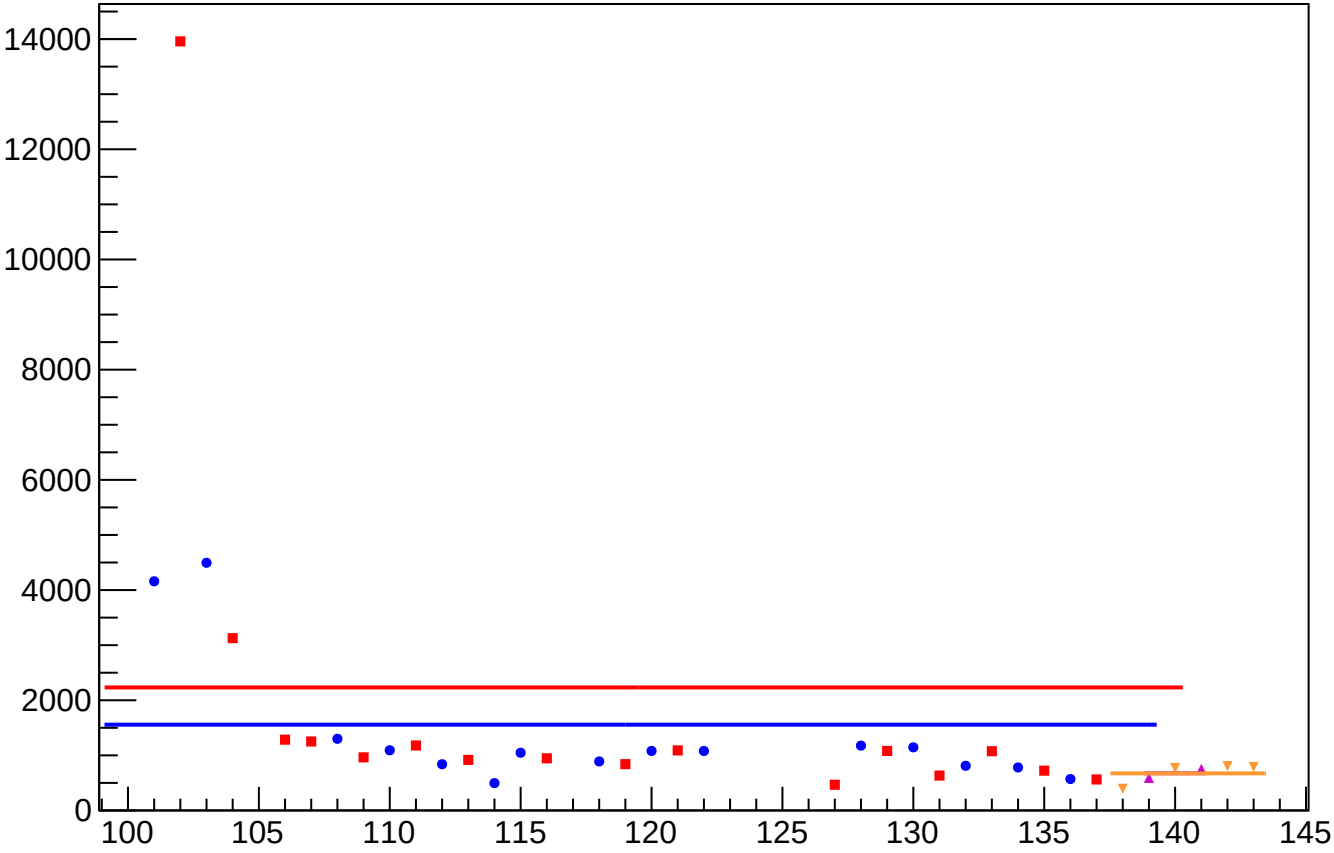
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
+ sign -4653.793+/-0.000 χ^2/NDF: 2445190790851
Left Out: -4857.043+/-0.000 χ^2/NDF:2408340876930262806417768561448876769 28.0/3
All: -4516.852+/-0.000 χ^2/NDF: 5562773365
Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302412 8.0/15
- sign -4365.280+/-0.000 χ^2/NDF: 3113939813892 8
Left In: -5146.824+/-0.000 χ^2/NDF:4552004890349207647696771716714227302 4.0/1

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

+ sign 1295.100+/-0.000 χ^2/NDF: 12980073066532

Left Out: 673.052+/-0.000 χ^2/NDF:8571842149611152770086693500593635328.0/3

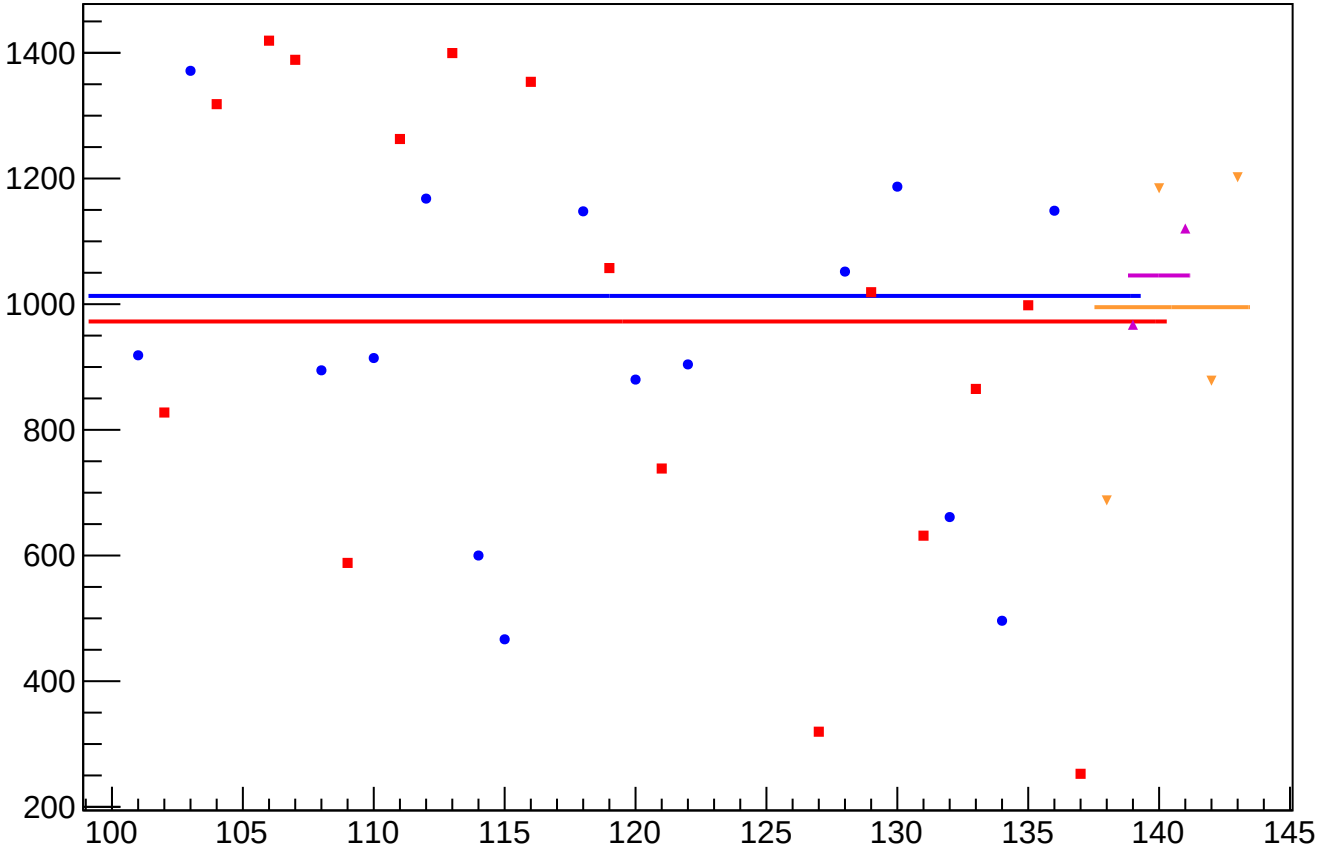
All: 1592.682+/-0.000 χ^2/NDF: 1078413640

Right Out: 2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15

- sign 1922.058+/-0.000 χ^2/NDF: 93141105307751

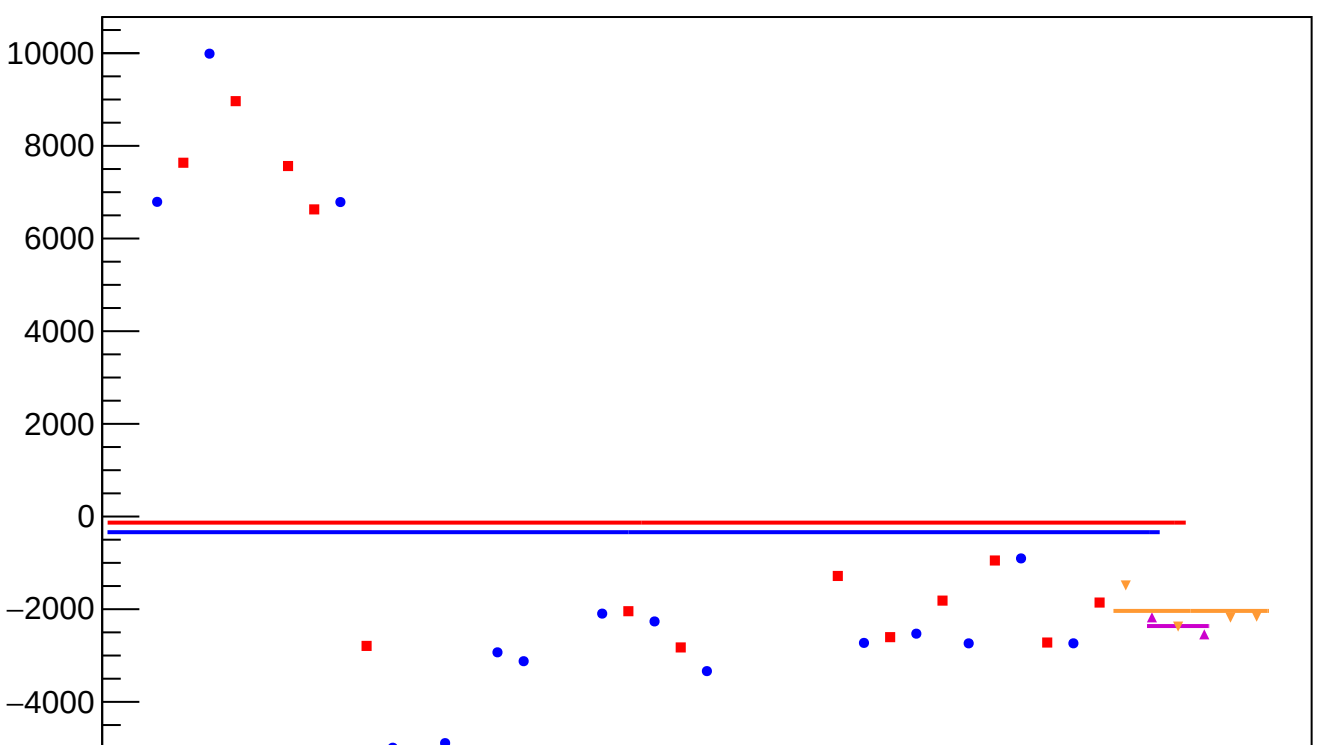
Left In: 674.599+/-0.000 χ^2/NDF:1103216992773562141818018388556906496.0/1

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

+ sign -840.889+/-0.000 χ^2/NDF: 15742108082553

Left Out: -2036.723+/-0.000 χ^2/NDF:3497814014037066152318681788594729779 2.0/3

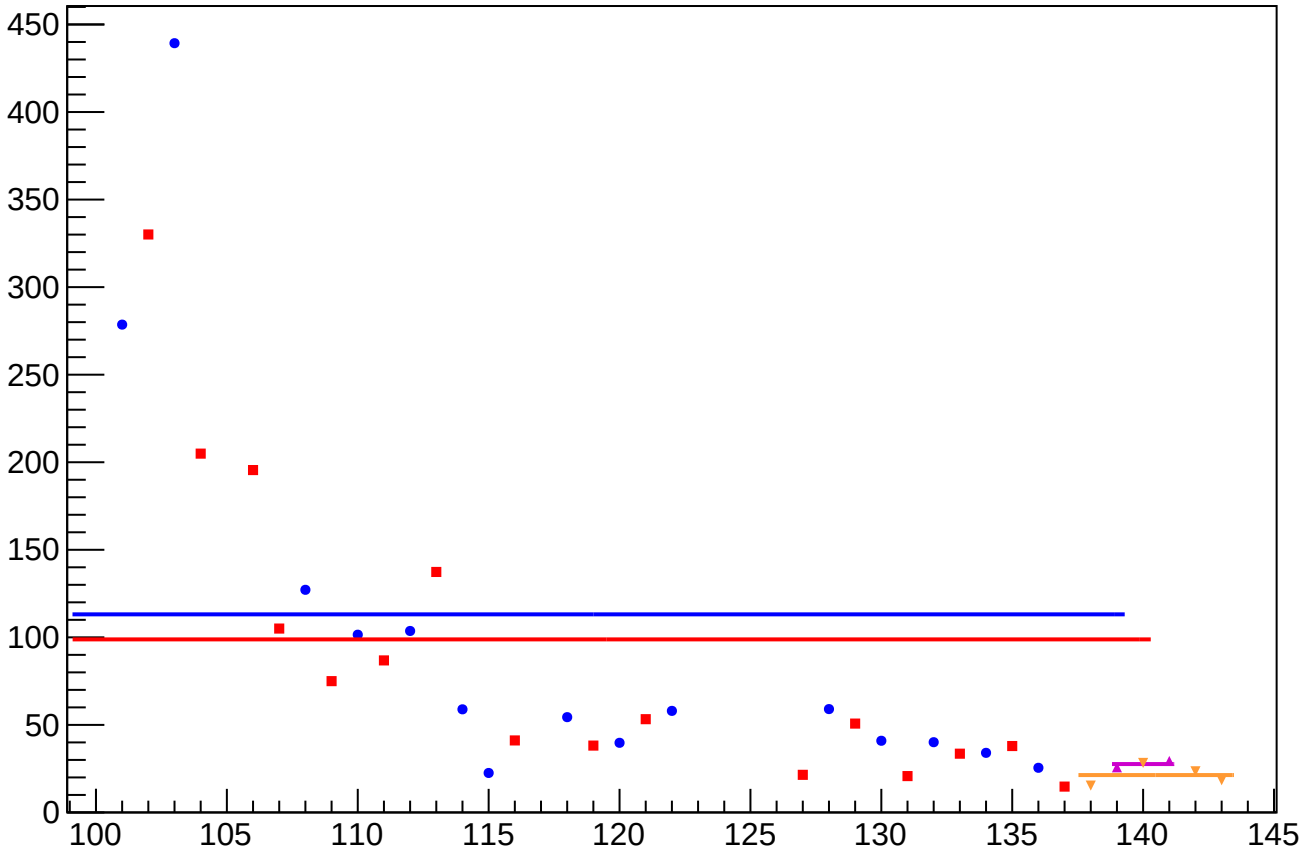
All: -715.315+/-0.000 χ^2/NDF: 3291368918 0

Right Out: -131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206 8224.0/15

- sign -576.325+/-0.000 χ^2/NDF: 171409500117254

Left In: -2363.479+/-0.000 χ^2/NDF:5589872534970181648681936550195363840.0/1

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

+ sign 85.958+/-0.000 χ^2/NDF: 1161595139036734

Left Out: 21.353+/-0.000 χ^2/NDF:756701220056889516583195762071961 6.0/3

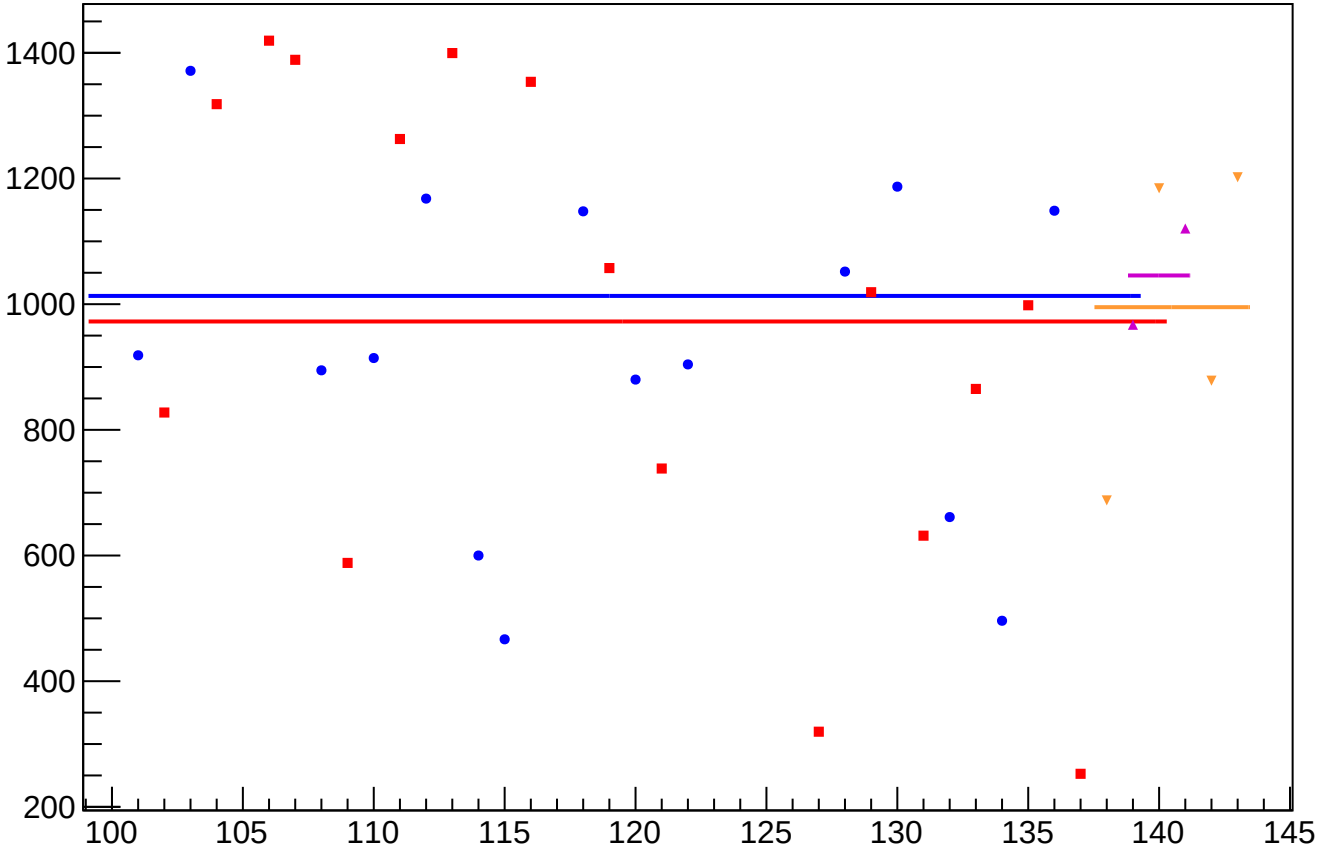
All: 85.335+/-0.000 χ^2/NDF: 178012834611 0

Right Out: 98.833+/-0.000 χ^2/NDF: 551036530859042633395361070126098 0224.0/15

- sign 84.646+/-0.000 χ^2/NDF: 6184579059999449

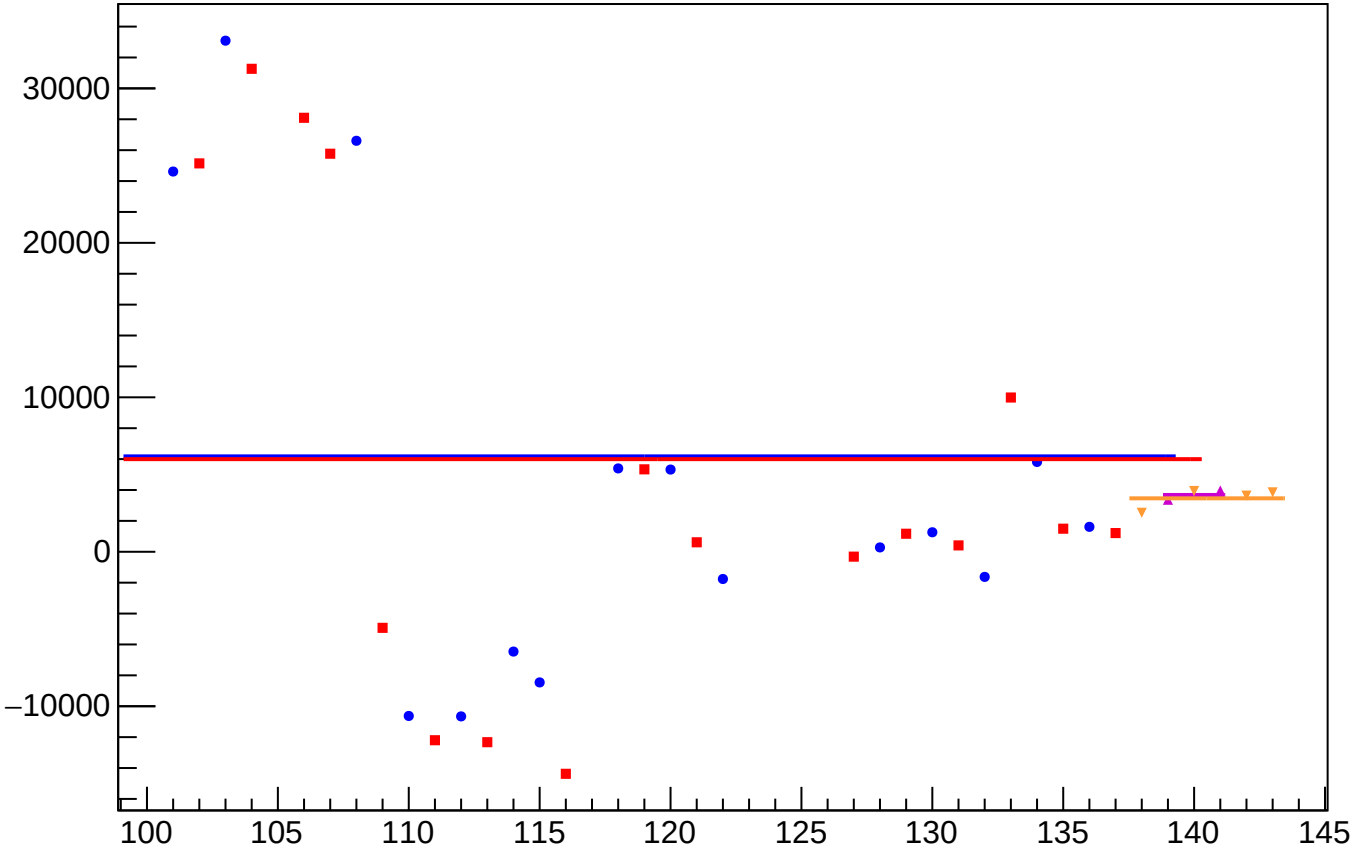
Left In: 27.641+/-0.000 χ^2/NDF:5438447827745959960142135322214 40.0/1

dit_sam1_coil6_Ndata_mean vs Slug



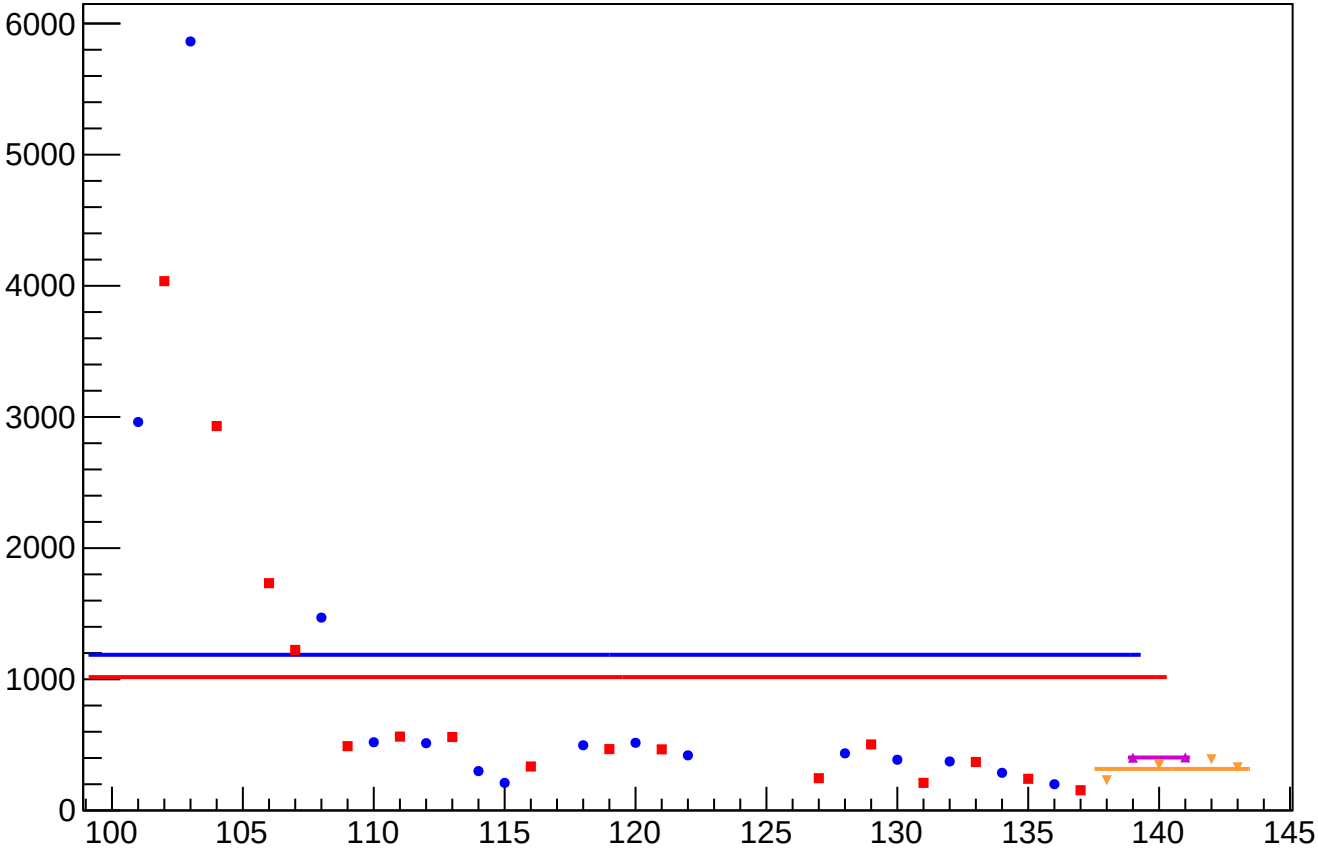
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
+ sign 5371.508+/-0.000 χ^2/NDF: 11877599540651
Left Out: 3460.203+/-0.000 χ^2/NDF:983176765151930713809373861071856599 04.0/3
All: 5448.882+/-0.000 χ^2/NDF: 2565753612 6
Right Out: 5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
- sign 5534.523+/-0.000 χ^2/NDF: 13778773656982
Left In: 3677.355+/-0.000 χ^2/NDF:149866133373034344871096169581940572 16.0/1

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

+ sign 929.211+/-0.000 χ^2/NDF: 194287159152255

Left Out: 316.740+/-0.000 χ^2/NDF:922405460143356122282068092716580864.0/3

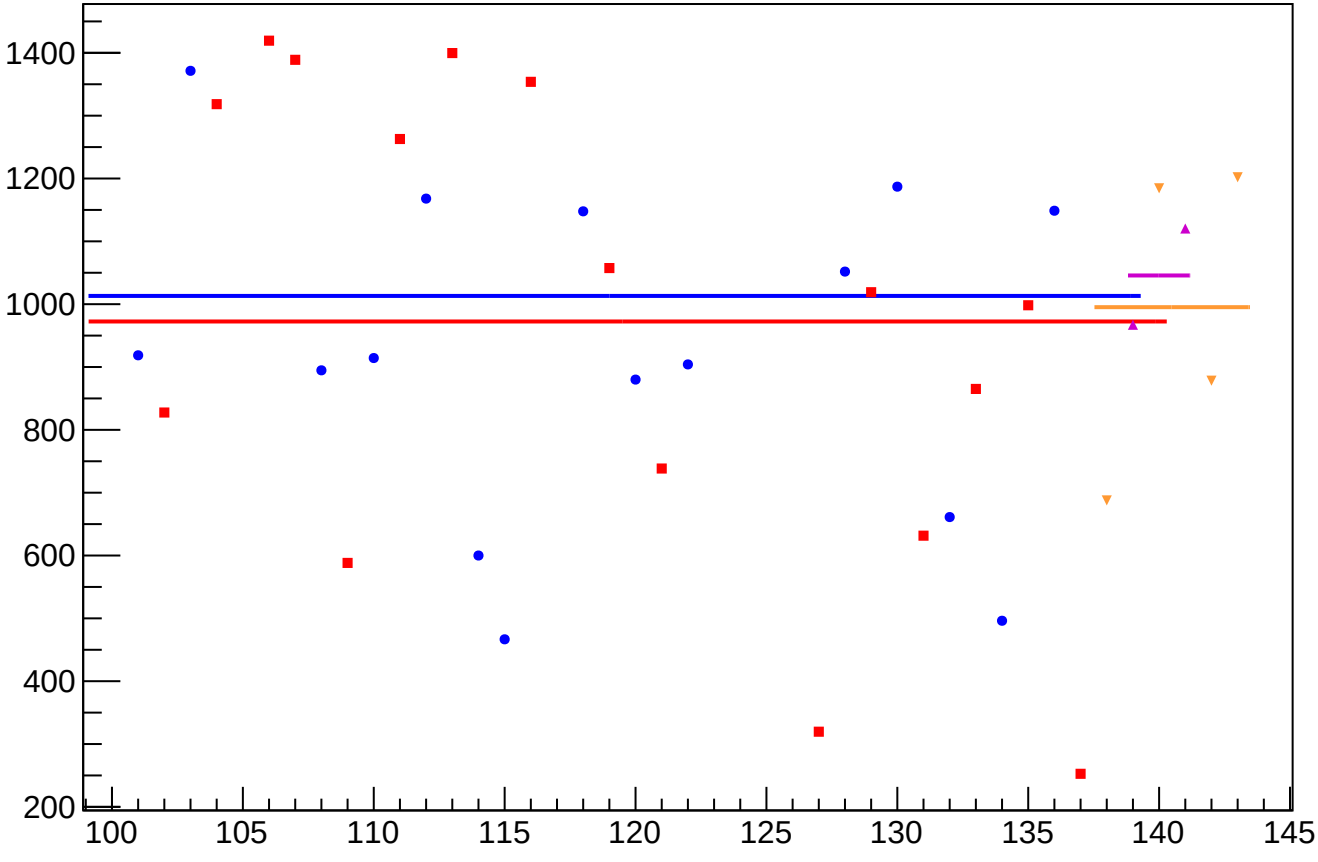
All: 912.757+/-0.000 χ^2/NDF: 292101398640

Right Out: 1016.732+/-0.000 χ^2/NDF: 927646003466094249558391691024825057280.0/15

- sign 894.545+/-0.000 χ^2/NDF: 977616473992989

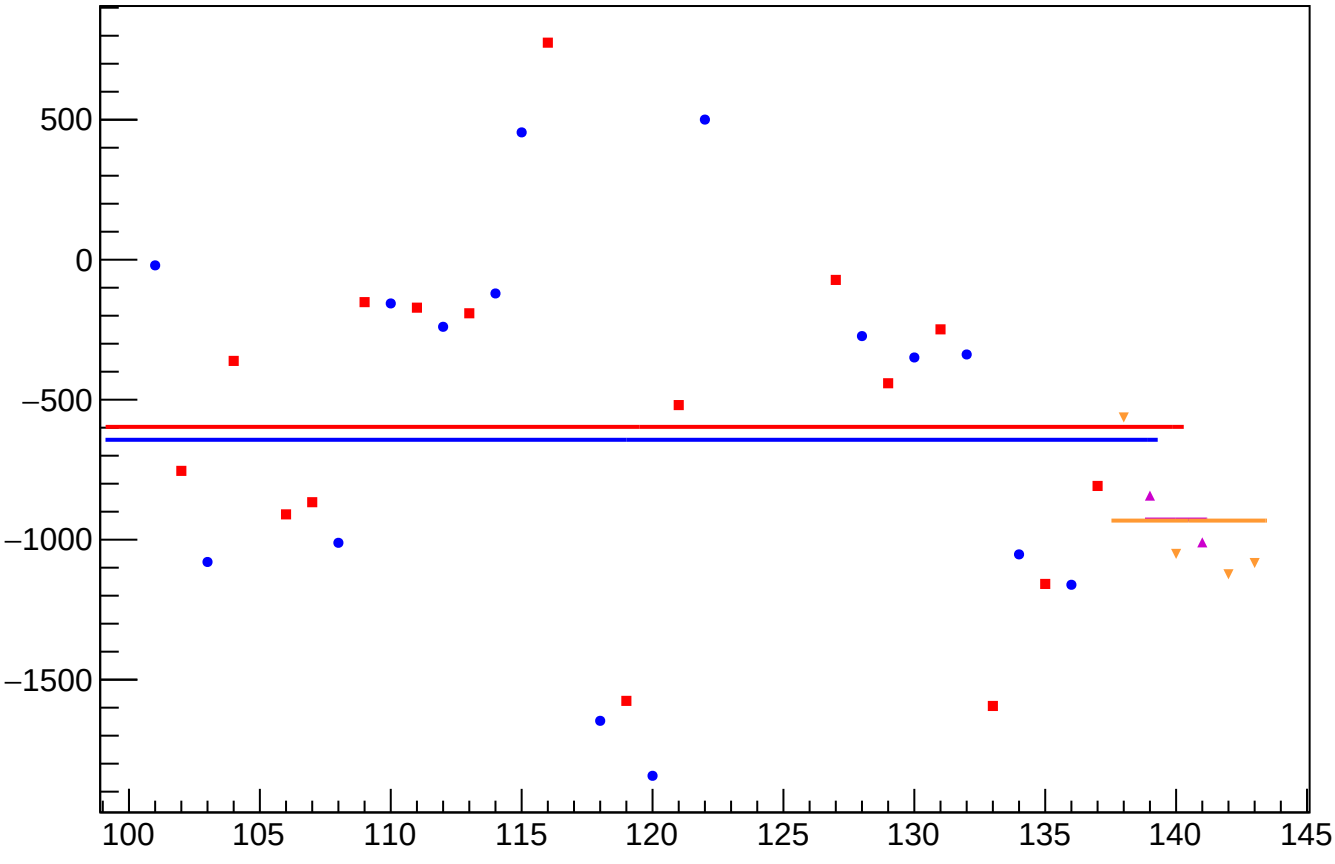
Left In: 403.589+/-0.000 χ^2/NDF:1566847778053227315975560364032 00.0/1

dit_sam2_coil6_Ndata_mean vs Slug



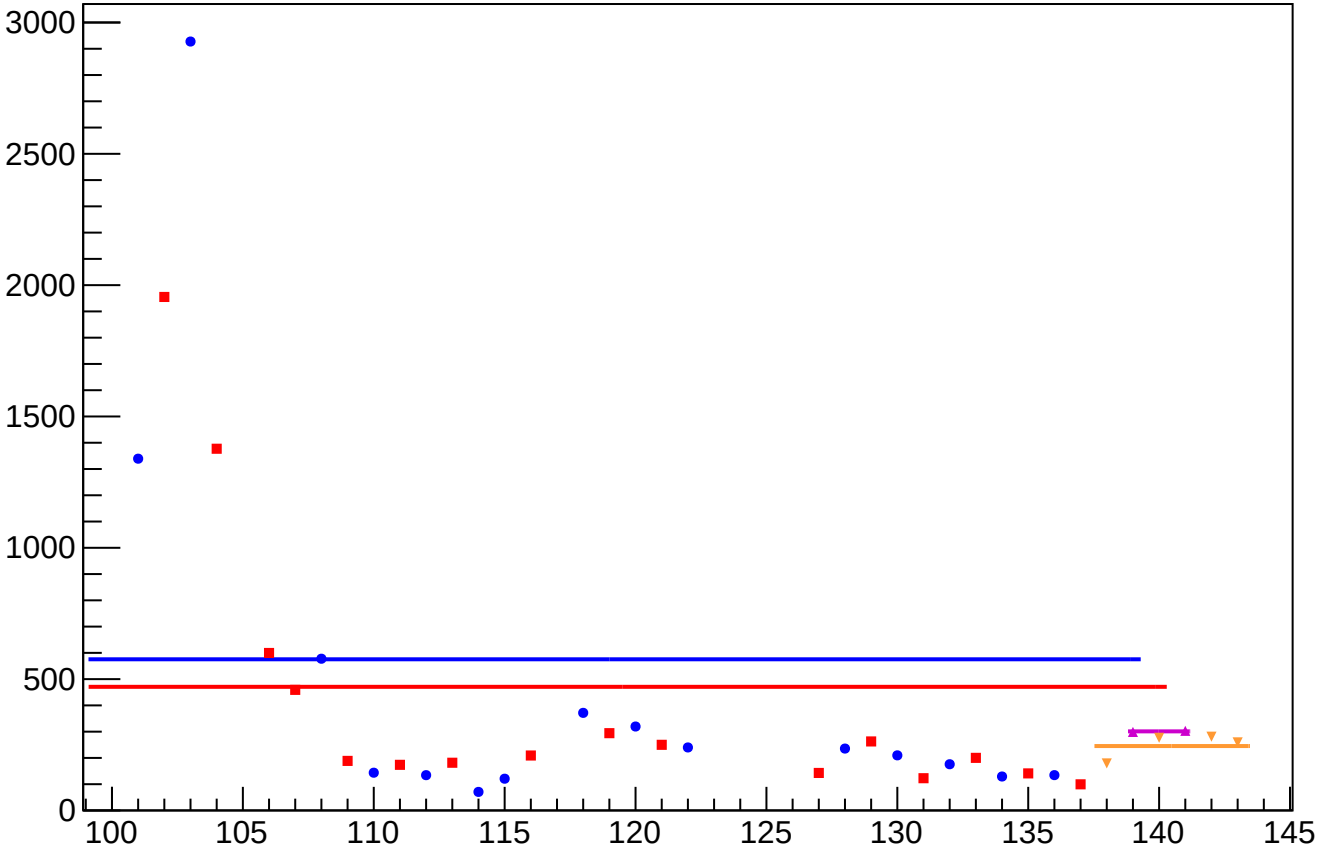
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
+ sign -728.666+/-0.000 χ^2/NDF: 30370732356039
Left Out: -931.802+/-0.000 χ^2/NDF:1497656287157877104829957556567382 4256.0/3
All: -697.504+/-0.000 χ^2/NDF: 5320496417 5
Right Out: -597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190 05376512.0/15
- sign -663.014+/-0.000 χ^2/NDF: 226456092320352
Left In: -928.091+/-0.000 χ^2/NDF:1155715308820282766522128025824264192.0/1

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Left Out: 245.217+/-0.000 χ^2/NDF:4937699910053359310066843496585625 60.0/3

Right Out: 470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

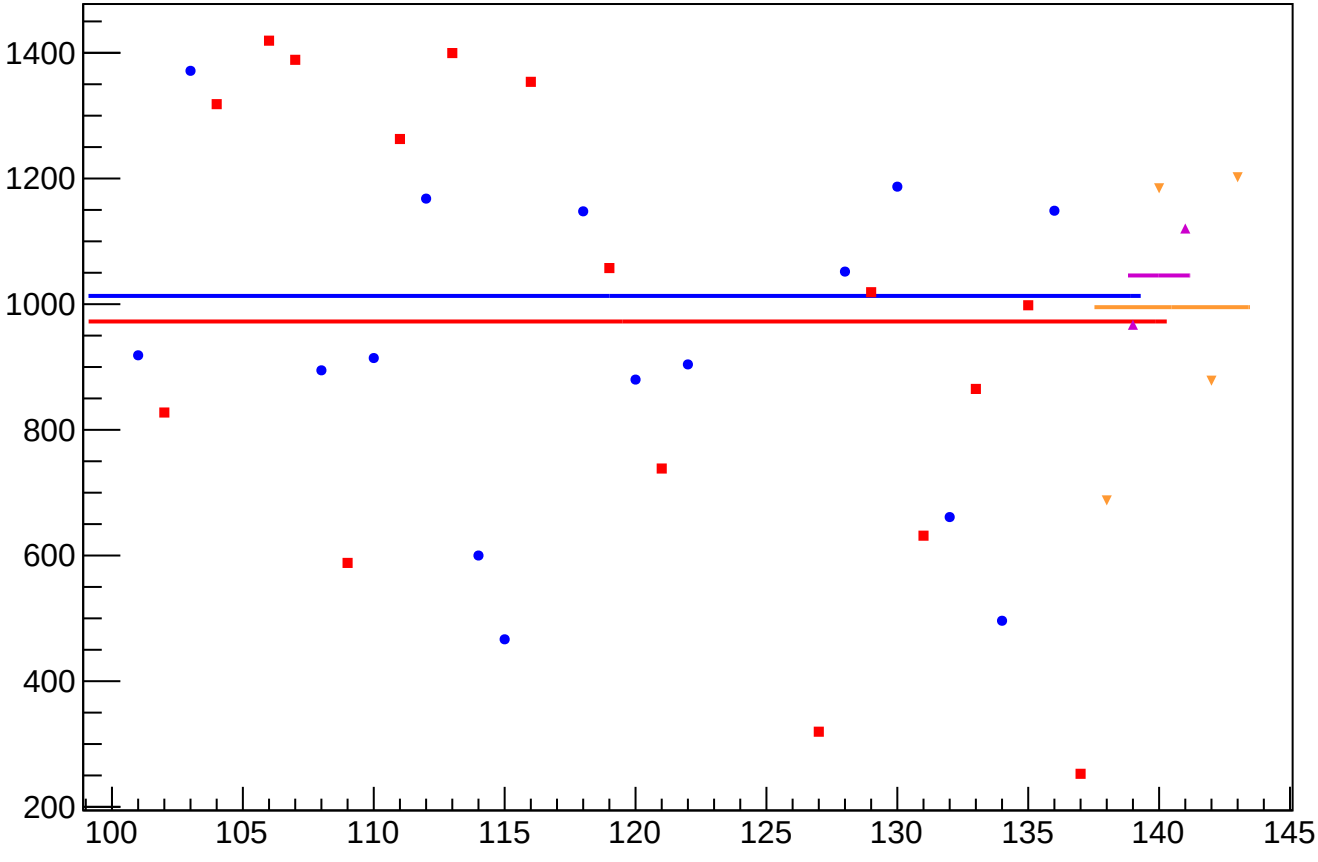
Left In: 301.131+/-0.000 χ^2/NDF:7253633229681765043840645228134 40.0/1

+ sign 477.723+/-0.000 χ^2/NDF: 454139914923281

All: 458.357+/-0.000 χ^2/NDF: 66800244487 2

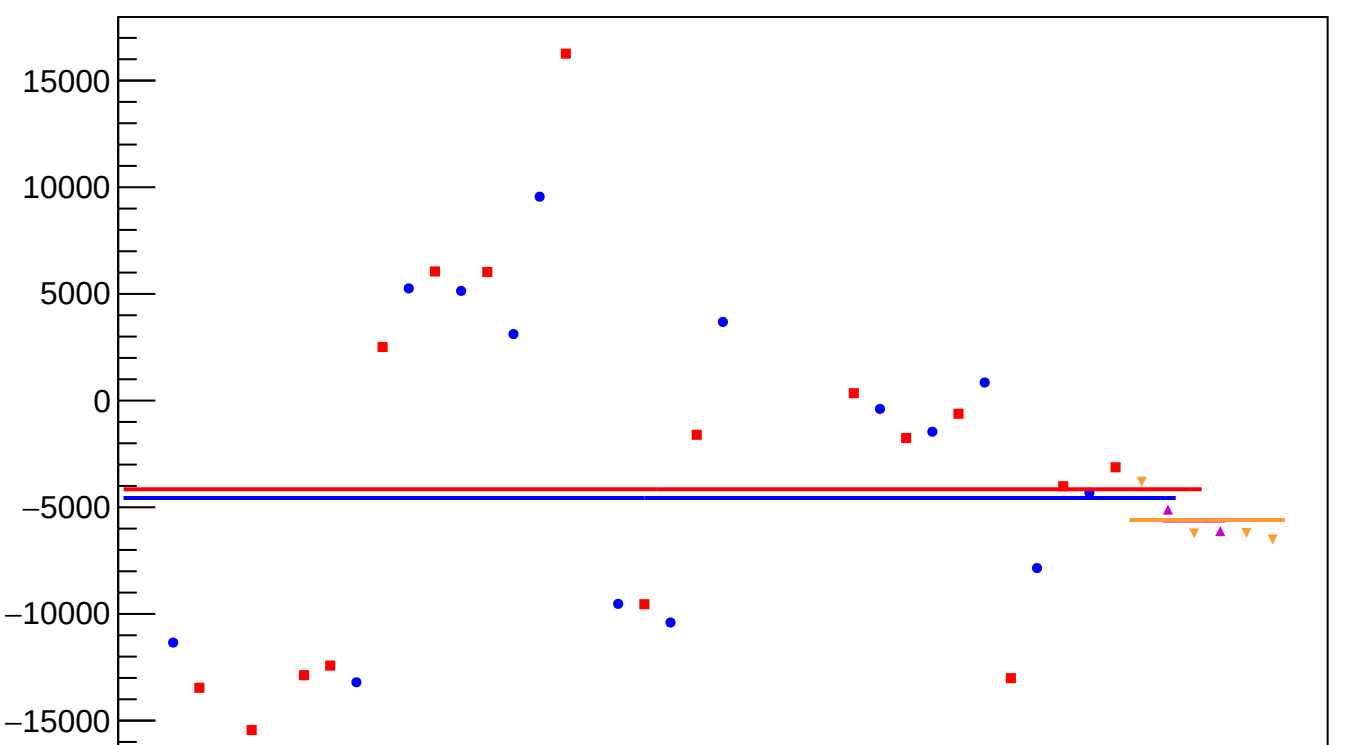
- sign 436.921+/-0.000 χ^2/NDF: 213133979703056

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14

Left Out: -5598.007+/-0.000 χ^2/NDF:3561766515532312543467019777642961305 60.0/3

Right Out: -4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219 5968.0/15

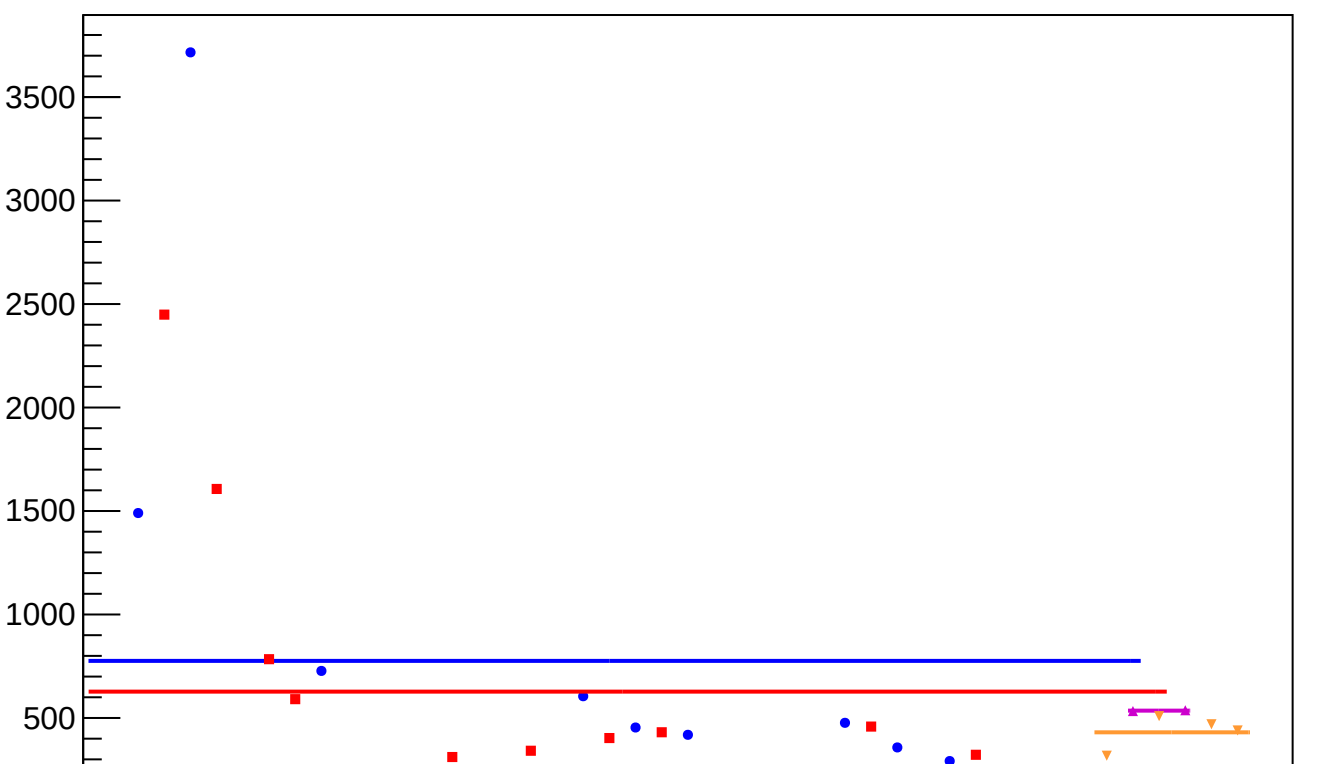
Left In: -5624.795+/-0.000 χ^2/NDF:4179360166480172692238205593401163776 0.0/1

+ sign -4871.159+/-0.000 χ^2/NDF: 3622884220704

All: -4670.968+/-0.000 χ^2/NDF: 8217435983

- sign -4449.389+/-0.000 χ^2/NDF: 4586766912247 4

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Left Out: 430.656+/-0.000 χ^2/NDF:157122961622425919146682336910770176 0.0/3

Right Out: 627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

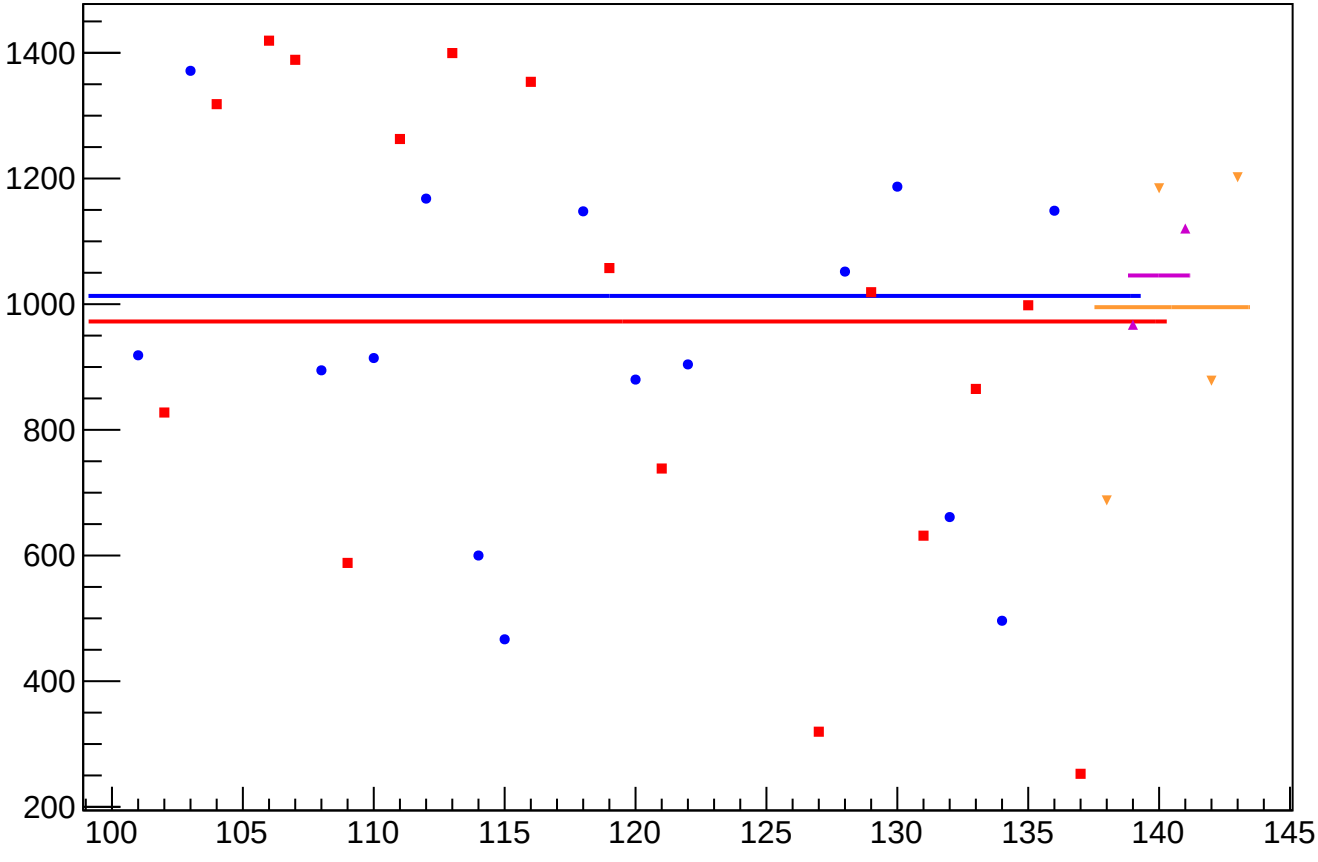
Left In: 535.436+/-0.000 χ^2/NDF:638311197944330489564282717470720.0/1

+ sign 673.622+/-0.000 χ^2/NDF: 666322784233150

All: 642.952+/-0.000 χ^2/NDF: 966790386442

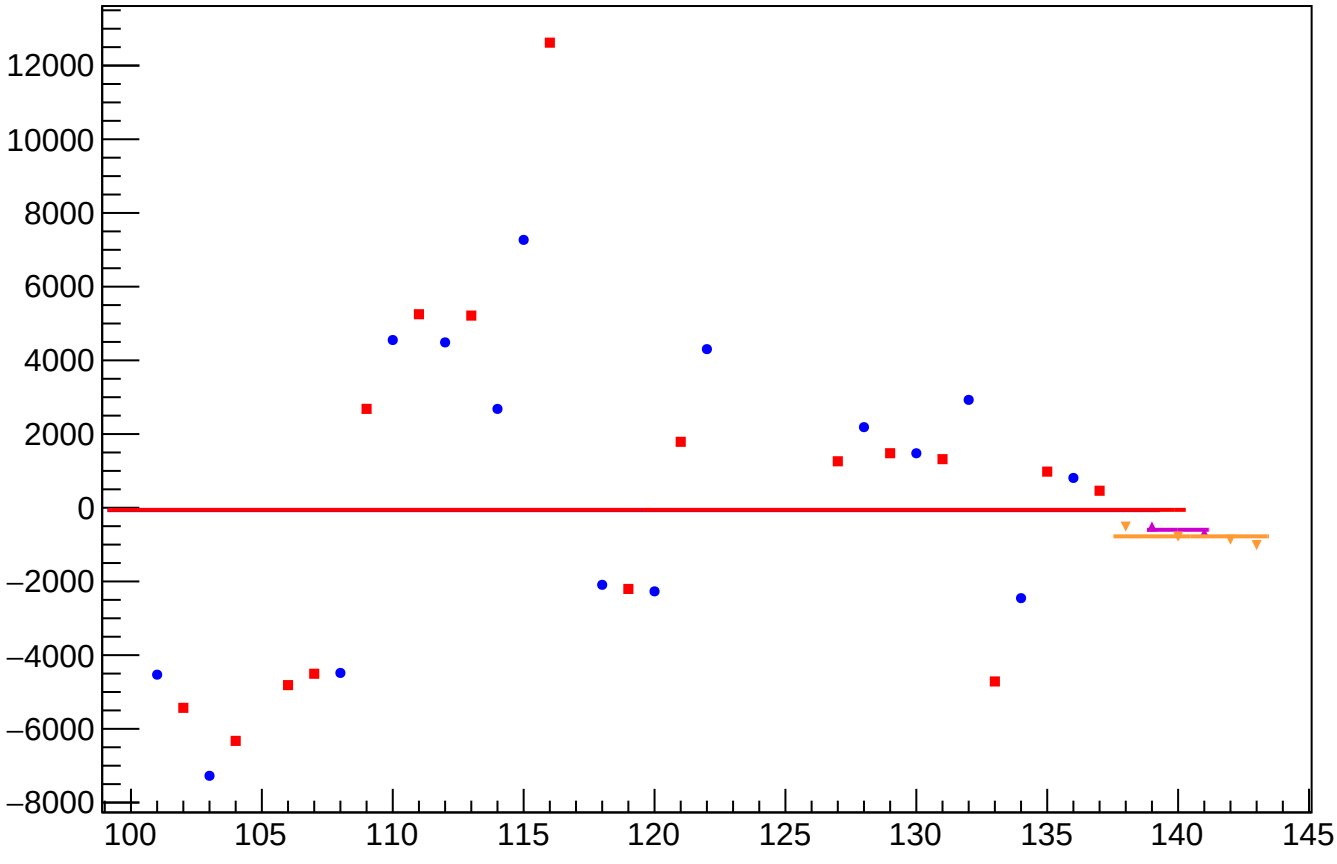
- sign 609.005+/-0.000 χ^2/NDF: 298640387932219

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14

+ sign -275.434+/-0.000 χ^2/NDF: 97210882000791

Left Out: -776.289+/-0.000 χ^2/NDF:95737862497459274279232575986854789 12.0/3

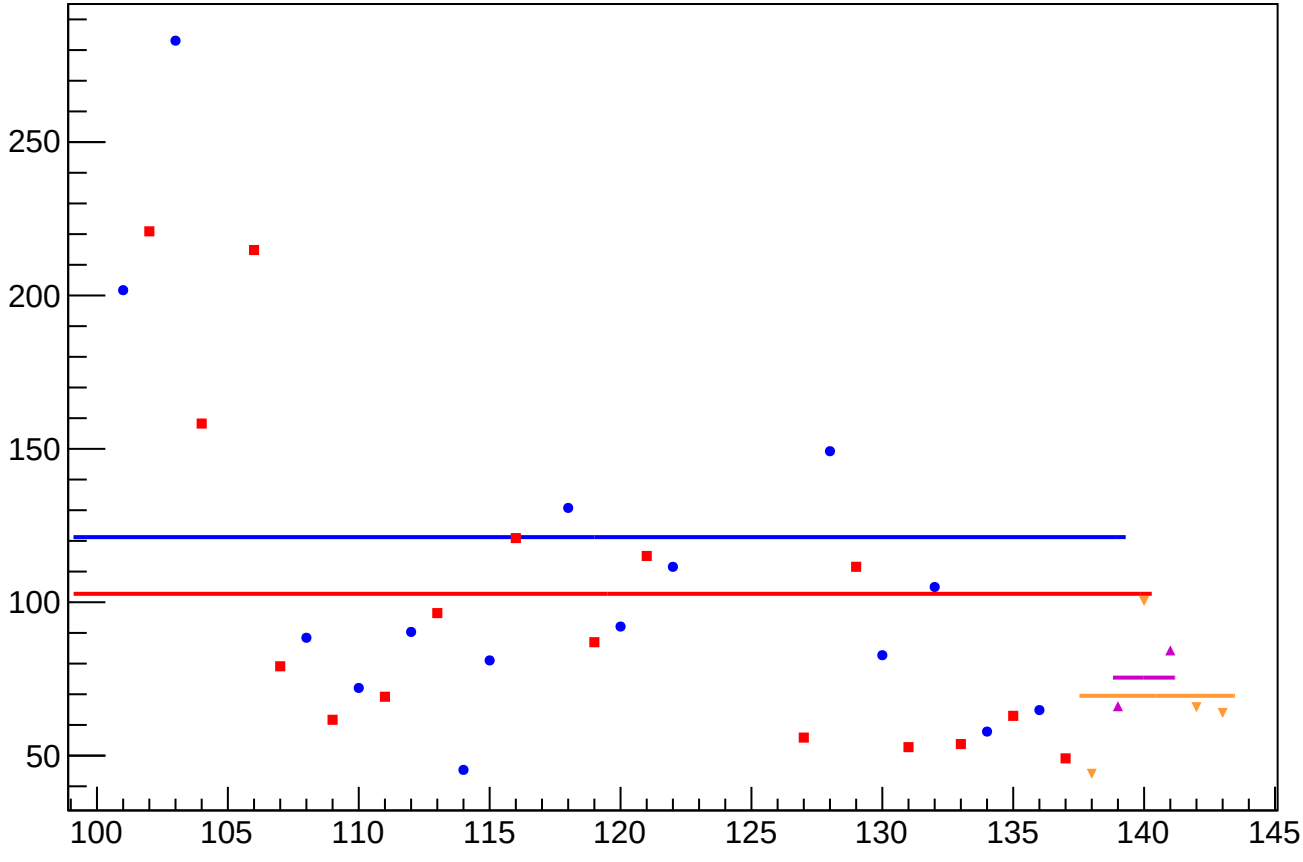
All: -223.029+/-0.000 χ^2/NDF: 2354755965 6

Right Out: -57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779 79904.0/15

- sign -165.026+/-0.000 χ^2/NDF: 138211368588267

Left In: -598.162+/-0.000 χ^2/NDF:128446306829644857511248053730803 7120.0/1

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14

+ sign 105.912+/-0.000 χ^2/NDF: 336857548241458

Left Out: 69.501+/-0.000 χ^2/NDF:131243707666185378193919605800435712.0/3

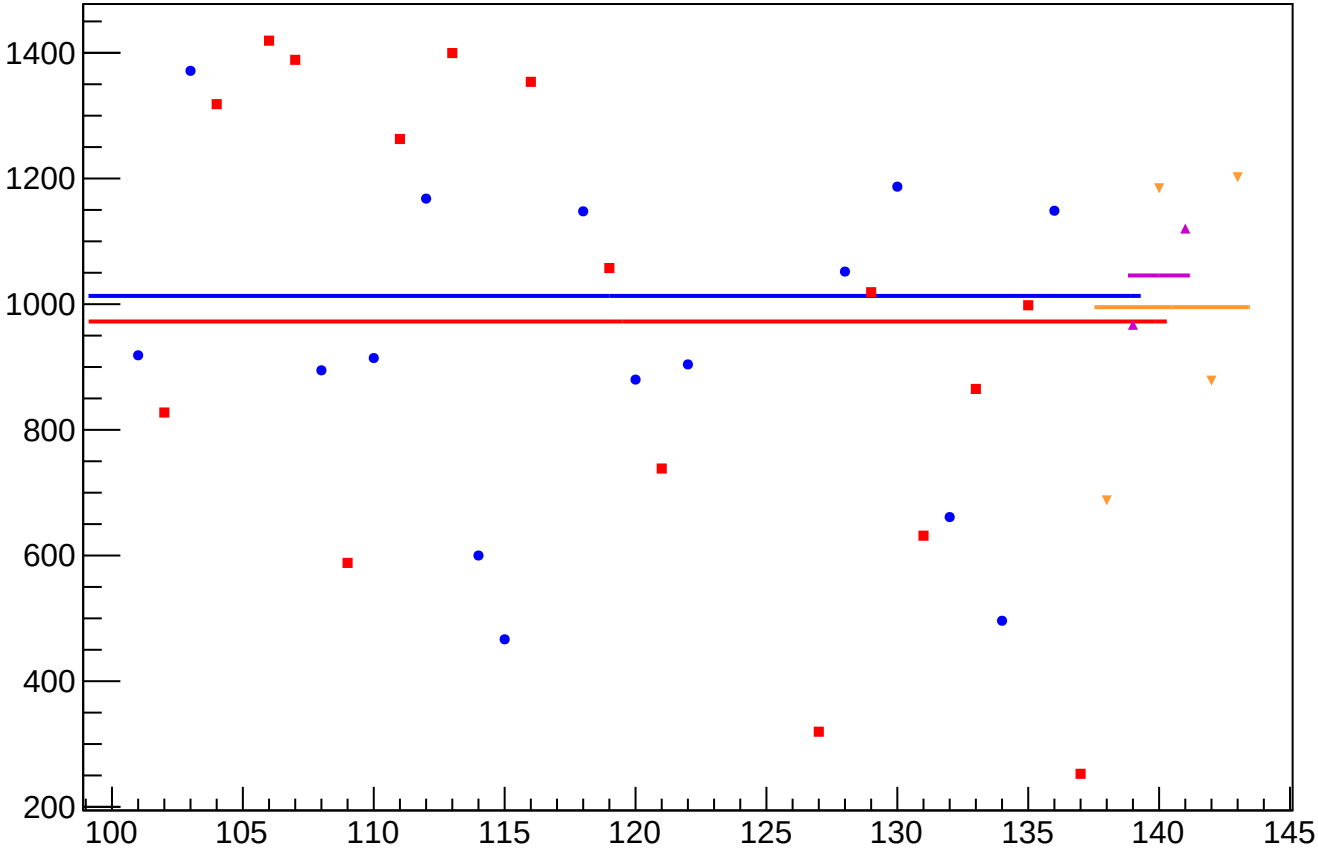
All: 101.826+/-0.000 χ^2/NDF: 54815992631 8

Right Out: 102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15

- sign 97.305+/-0.000 χ^2/NDF: 2080603513870980

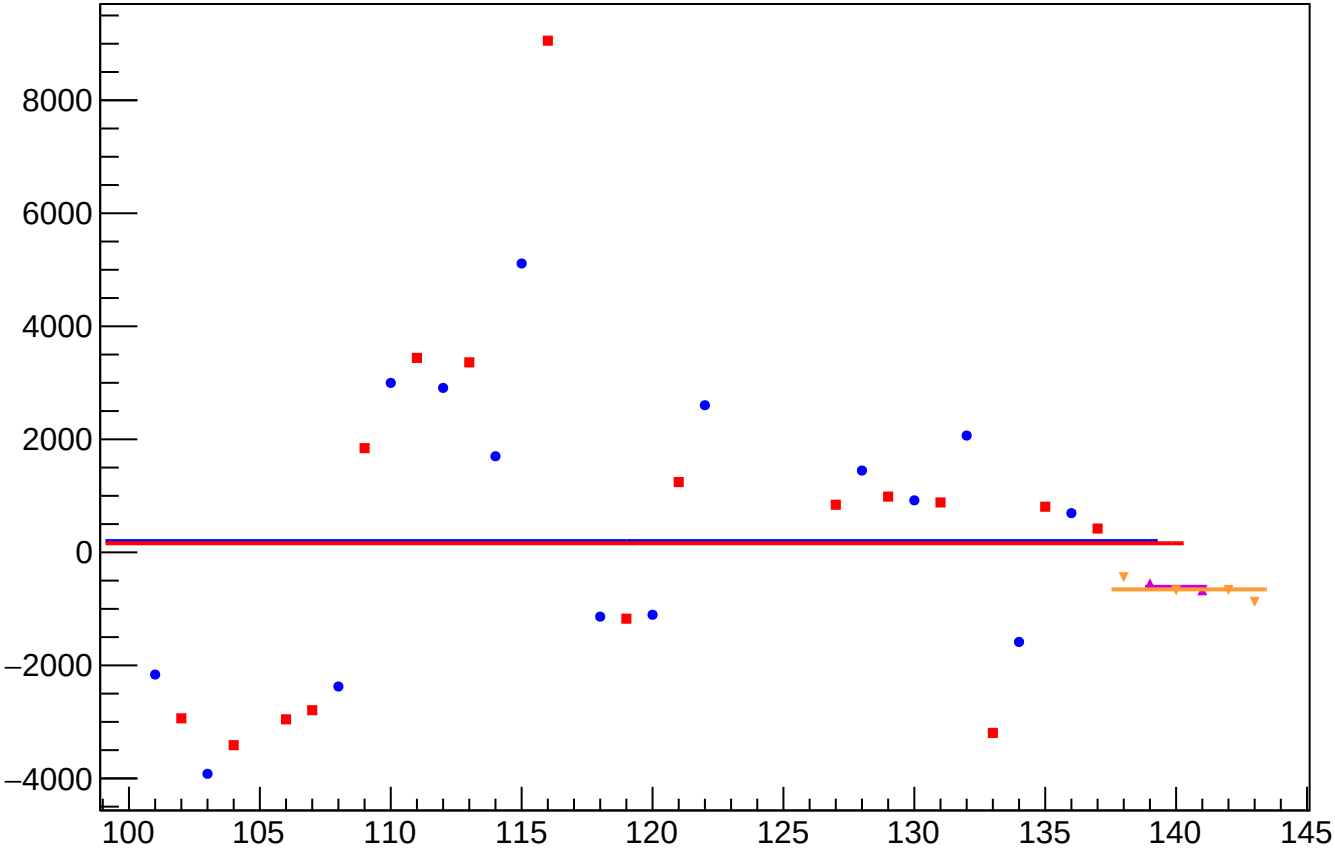
Left In: 75.429+/-0.000 χ^2/NDF:137286517972813064789502558302371 84.0/1

dit_sam5_coil6_Ndata_mean vs Slug



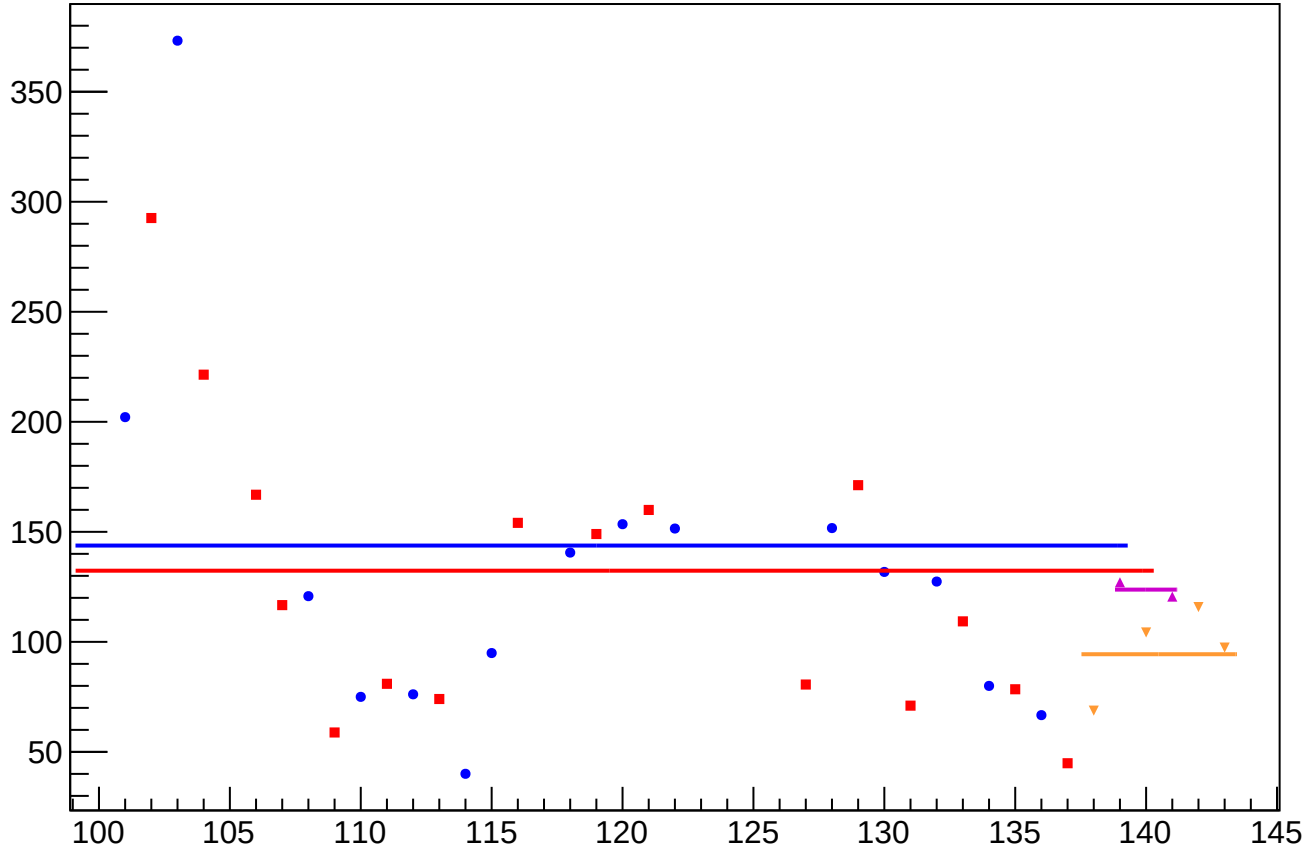
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF: 326815974592353382504518166487684979097 6.0/14
+ sign -53.502+/-0.000 χ^2/NDF: 341535647229805
Left Out: -654.969+/-0.000 χ^2/NDF:68918411725801717285594995888058531 84.0/3
All: -24.805+/-0.000 χ^2/NDF: 917710569906
Right Out: 160.512+/-0.000 χ^2/NDF: 568057670946119790152672970370625149 3376.0/15
- sign 6.957+/-0.000 χ^2/NDF: 576014956692154 29
Left In: -610.037+/-0.000 χ^2/NDF:65243913825001839736179256475621 7856.0/1

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764+/-0.000 χ^2/NDF: 451478586956577784990050859182194688 0.0/14

+ sign 129.142+/-0.000 χ^2/NDF: 506440288706626

Left Out: 94.382+/-0.000 χ^2/NDF:810124592962744238090407347318947 84.0/3

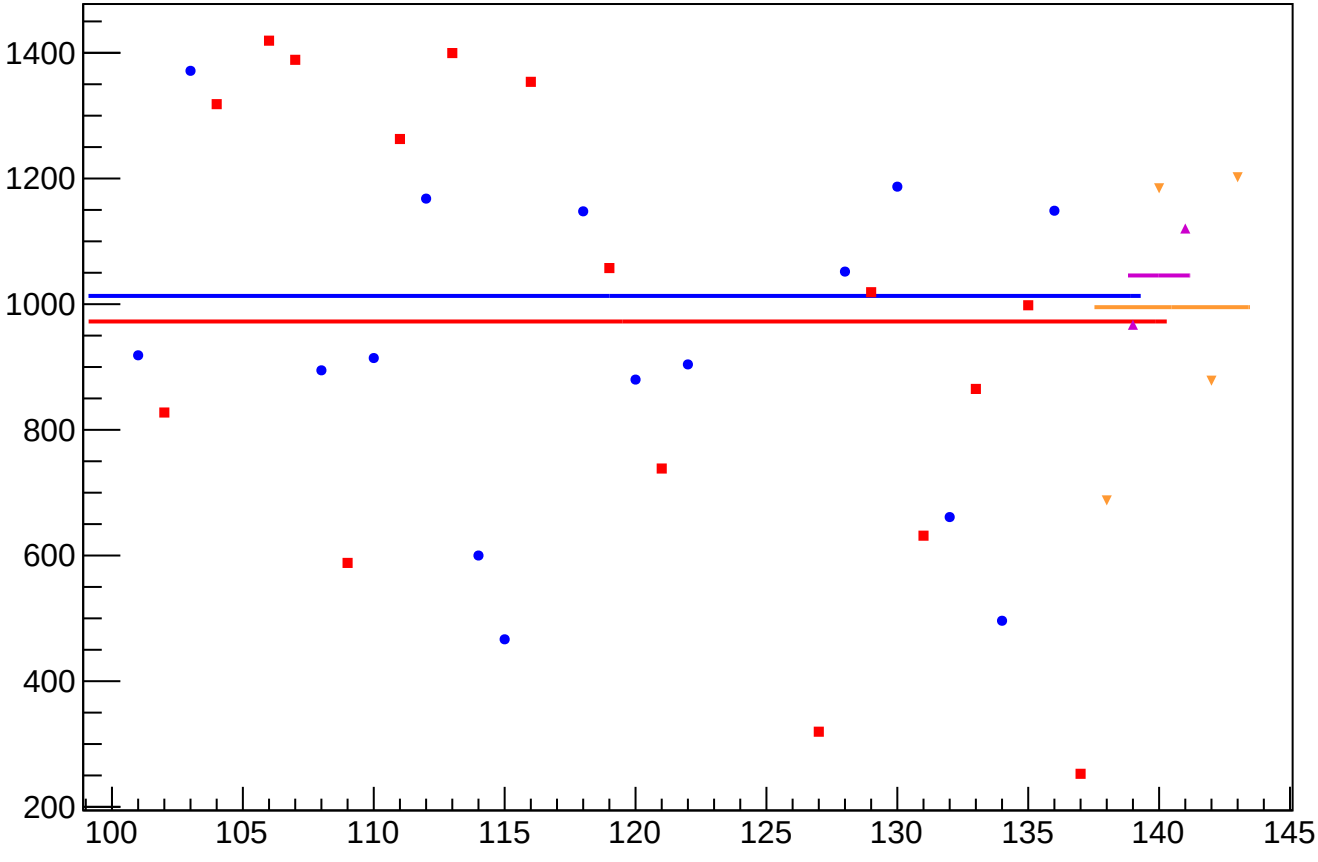
All: 129.847+/-0.000 χ^2/NDF: 825103277553

Right Out: 132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

- sign 130.627+/-0.000 χ^2/NDF: 318566424559548

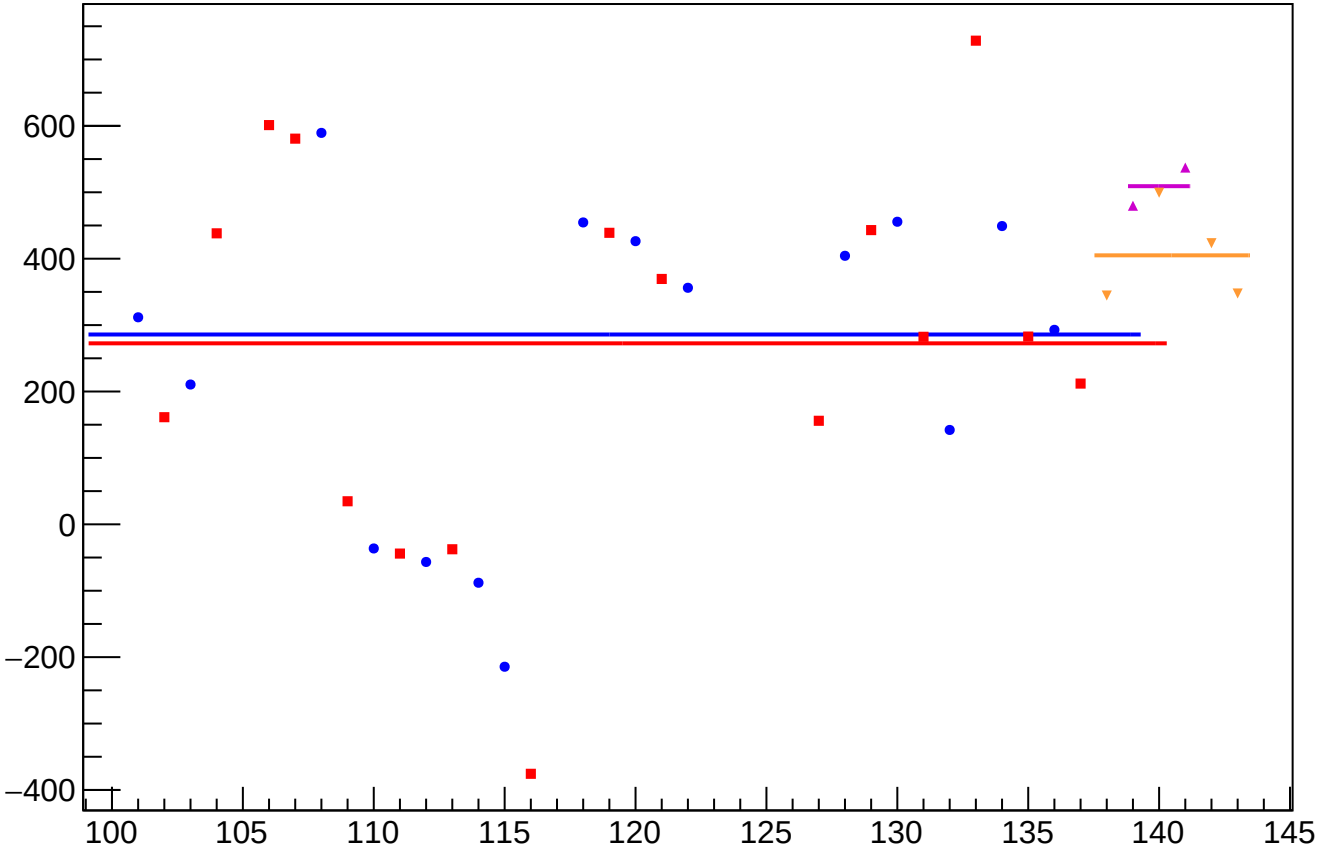
Left In: 123.743+/-0.000 χ^2/NDF:175118703052600362426066108258713 6.0/1

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Left Out: 405.052+/-0.000 χ^2/NDF:1251425759392486187515038646029778944.0/3

Right Out: 272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

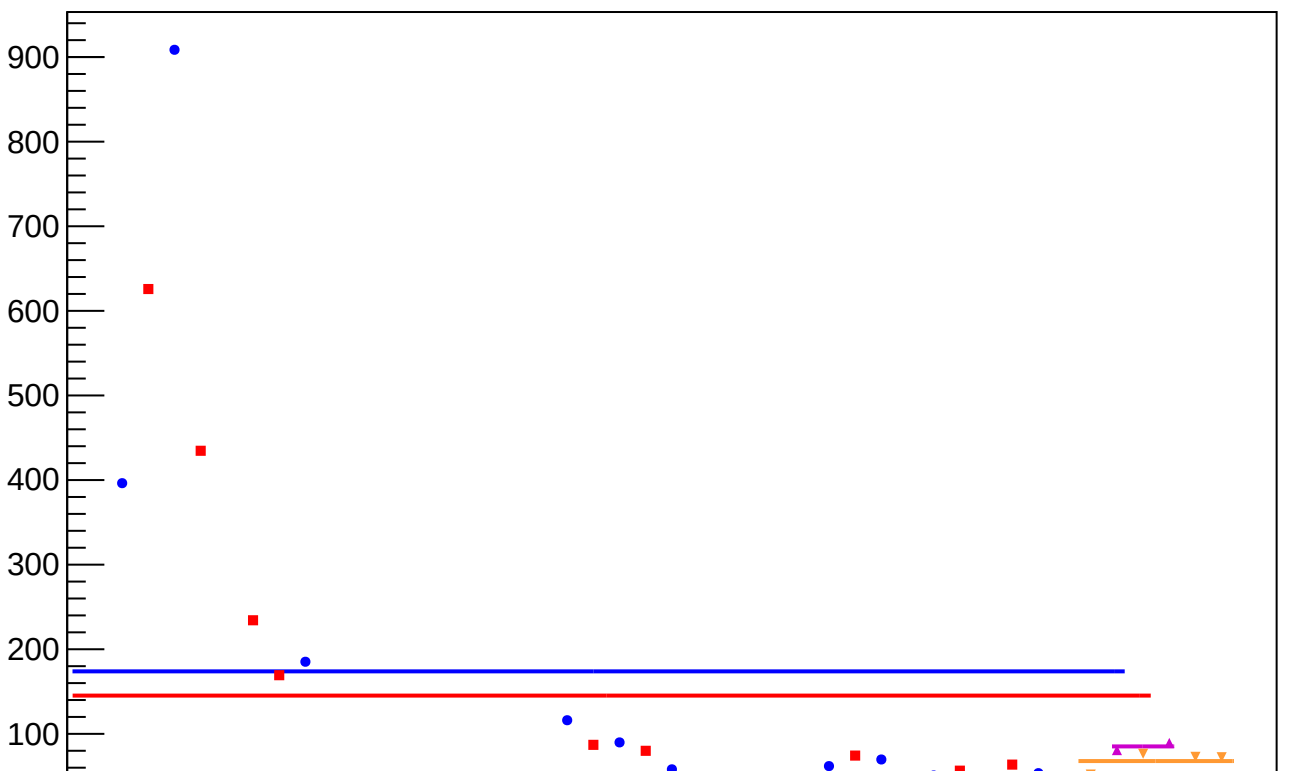
Left In: 509.196+/-0.000 χ^2/NDF:1370078436502832835258216290640199 68.0/1

+ sign 321.150+/-0.000 χ^2/NDF: 280899058933097

All: 320.461+/-0.000 χ^2/NDF: 79822156812 4

- sign 319.700+/-0.000 χ^2/NDF: 517313306656936

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF: 4170547340446623261307370455499066572 8.0/14

+ sign 142.476+/-0.000 χ^2/NDF: 438943761225058

Left Out: 67.840+/-0.000 χ^2/NDF:2848061480242766035536320303779020 8.0/3

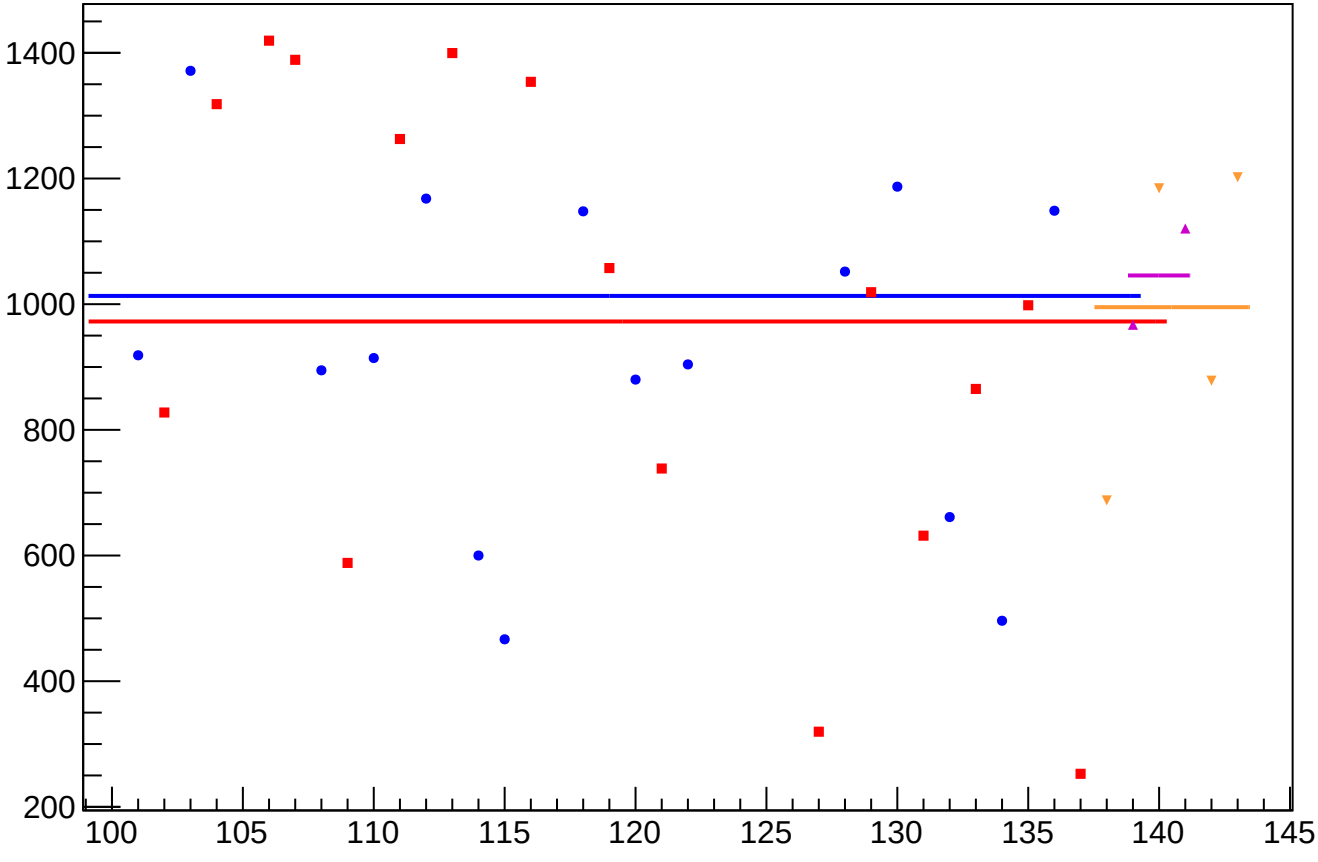
All: 138.100+/-0.000 χ^2/NDF: 669438538619

Right Out: 145.228+/-0.000 χ^2/NDF: 2252961571940859472078526574443783 7824.0/15

- sign 133.257+/-0.000 χ^2/NDF: 230122847596971

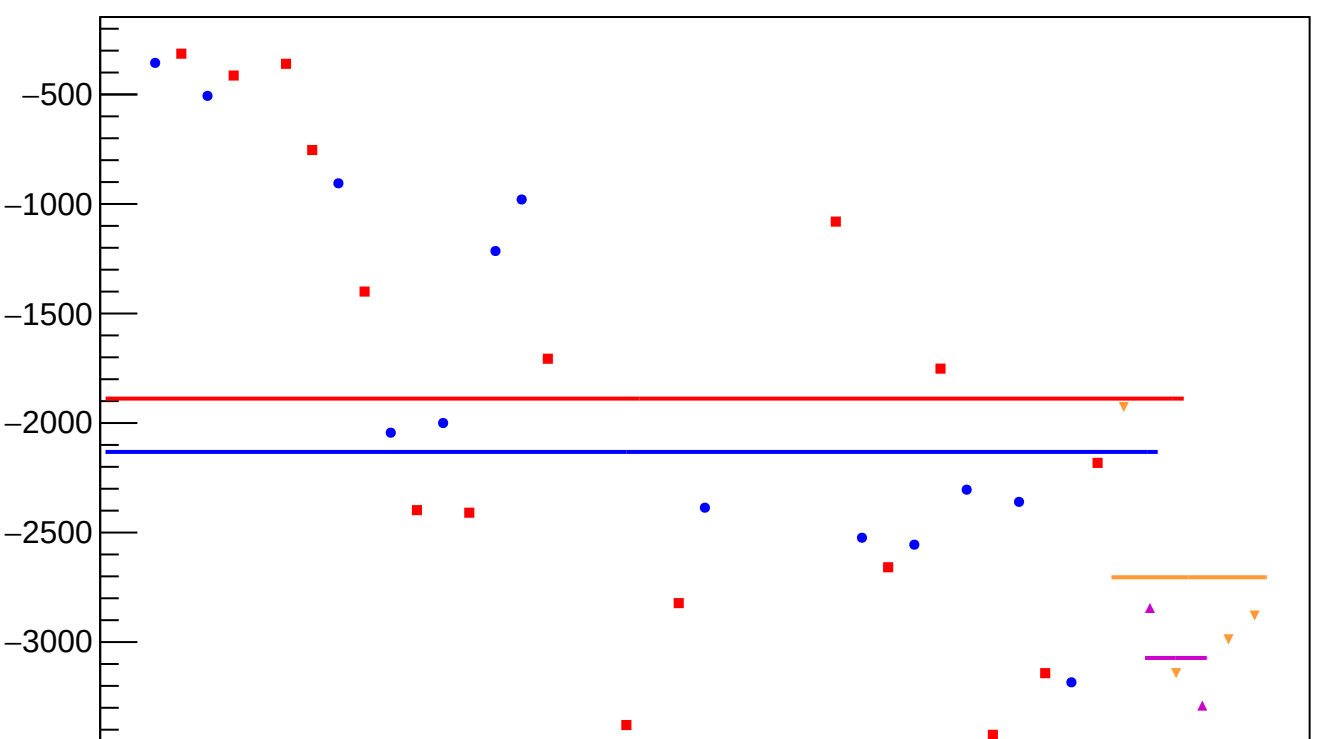
Left In: 85.156+/-0.000 χ^2/NDF:3008422066383075828596618207166464.0/1

dit_sam7_coil6_Ndata_mean vs Slug



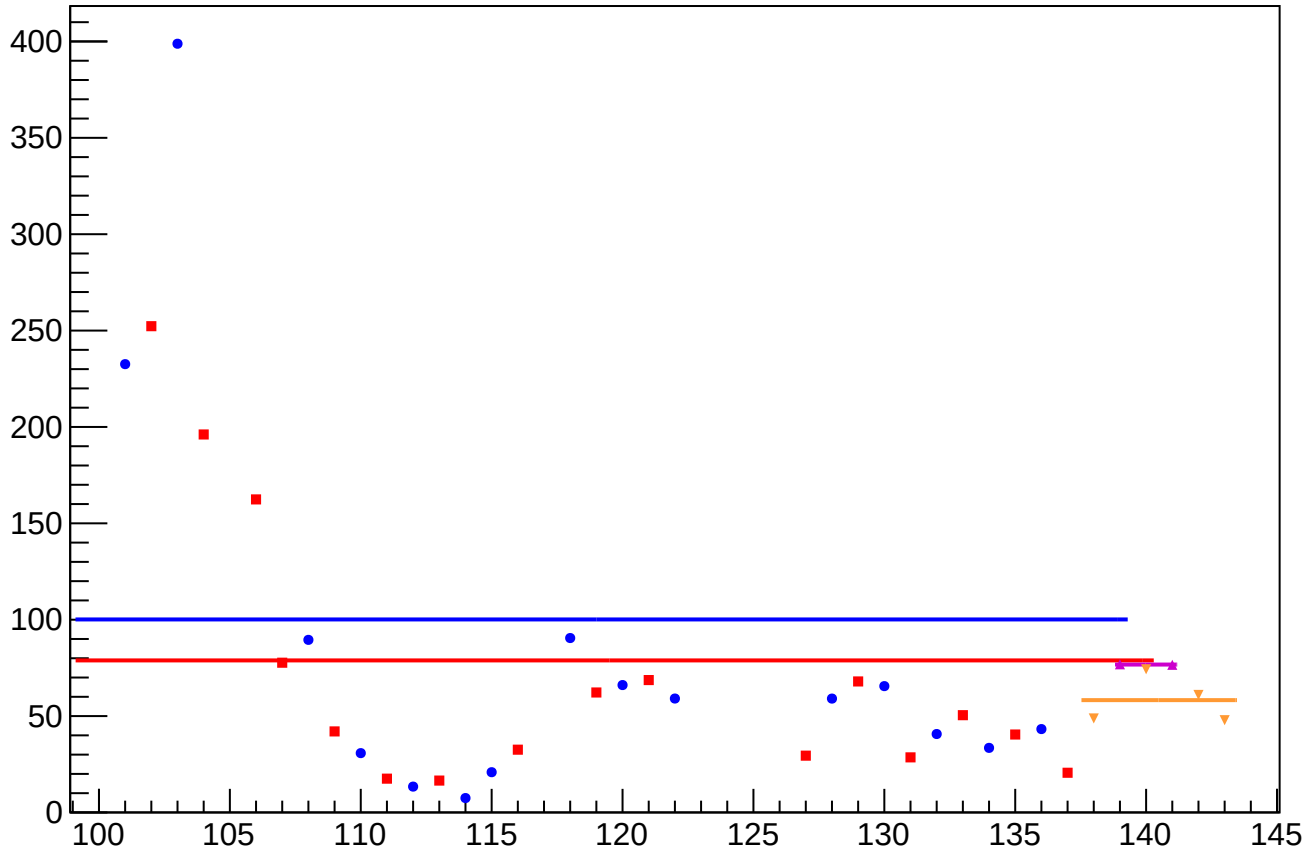
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
+ sign -2301.359+/-0.000 χ^2/NDF: 8539587840236
Left Out: -2704.200+/-0.000 χ^2/NDF:6858688510070186427264374082679865344 0.0/3
All: -2217.363+/-0.000 χ^2/NDF: 1854222703
Right Out: -1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
- sign -2124.393+/-0.000 χ^2/NDF: 9865588719270 8
Left Out: -3072.435+/-0.000 χ^2/NDF:8242333550409311036417927879118028800.0/1

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

+ sign 87.740+/-0.000 χ^2/NDF: 8186389360187585

Left Out: 58.271+/-0.000 χ^2/NDF:3569051795288419260042962455966515 2.0/3

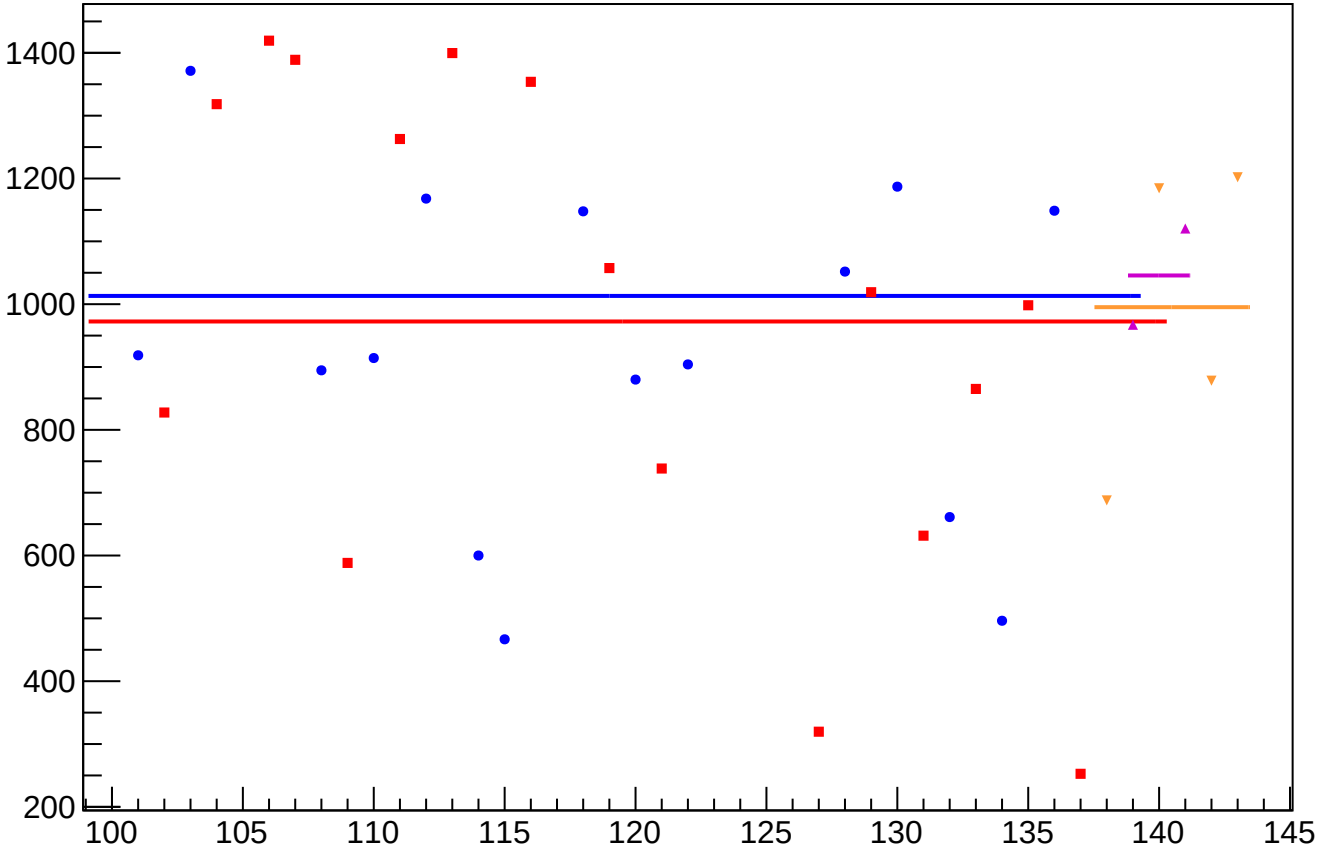
All: 83.332+/-0.000 χ^2/NDF: 1174987909811

Right Out: 78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

- sign 78.453+/-0.000 χ^2/NDF: 3525746192986647

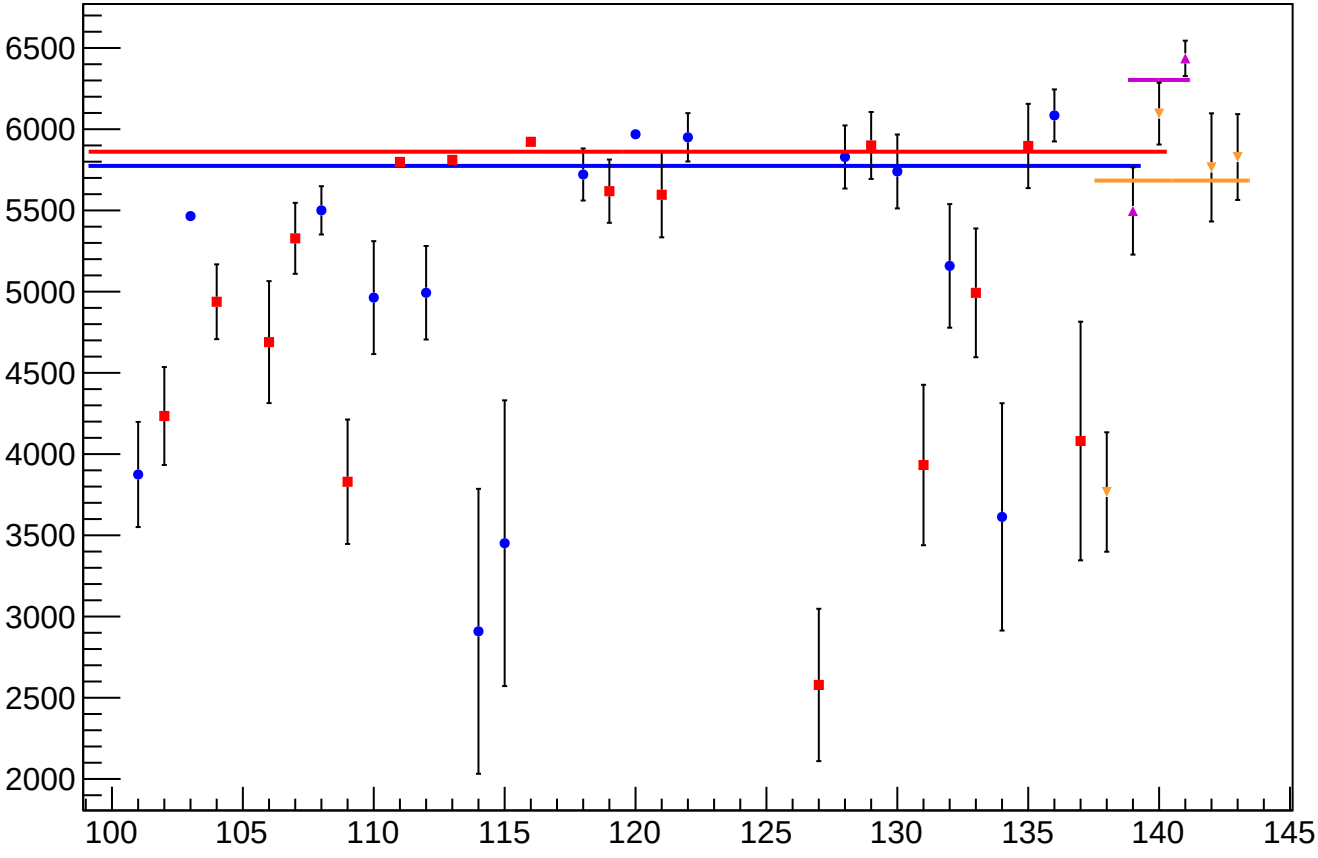
Left In: 76.731+/-0.000 χ^2/NDF:2948472252925634504609174126592.0/1

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1007.842+/-0.000 χ^2/NDF: 4558759698573 8
Left Out: 995.231+/-0.000 χ^2/NDF:138046467510512098775412342192519249 92.0/3
All: 997.976+/-0.000 χ^2/NDF: 1263467560 70
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 987.056+/-0.000 χ^2/NDF: 805700953183861
Left In: 1045.687+/-0.000 χ^2/NDF:972995402346633500280281572485103616.0/1

dit_run_mean vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 5683.754+/-130.895 χ^2/NDF:32.3/3

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

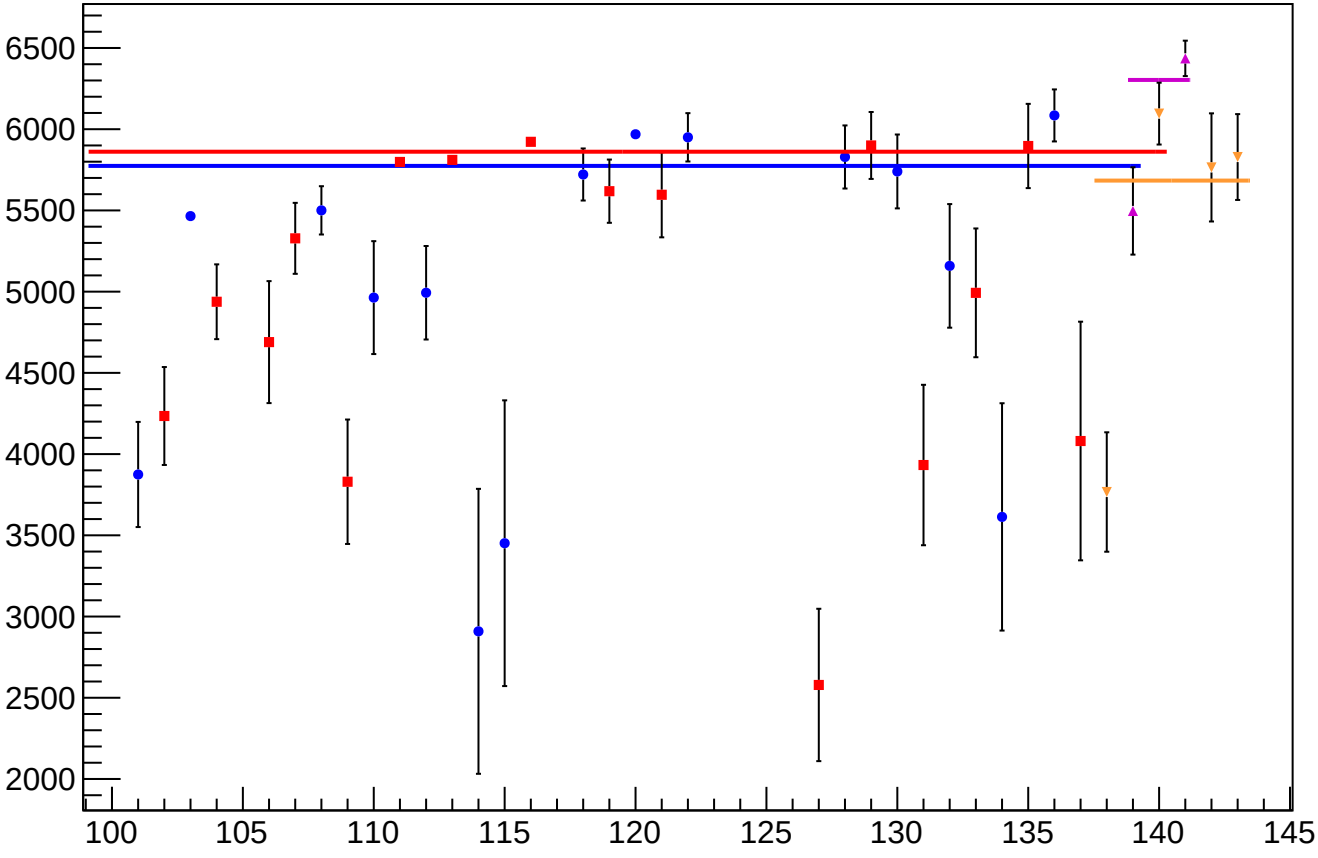
Left In: 6303.277+/-101.012 χ^2/NDF:10.5/1

+ sign 5774.117+/-0.181 χ^2/NDF: 1828559.2/18

All: 5828.993+/-0.111 χ^2/NDF: 2154184.4/36

- sign 5861.462+/-0.140 χ^2/NDF: 180050.0/17

dit_run_rms vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 5683.754+/-130.895 χ^2/NDF:32.3/3

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

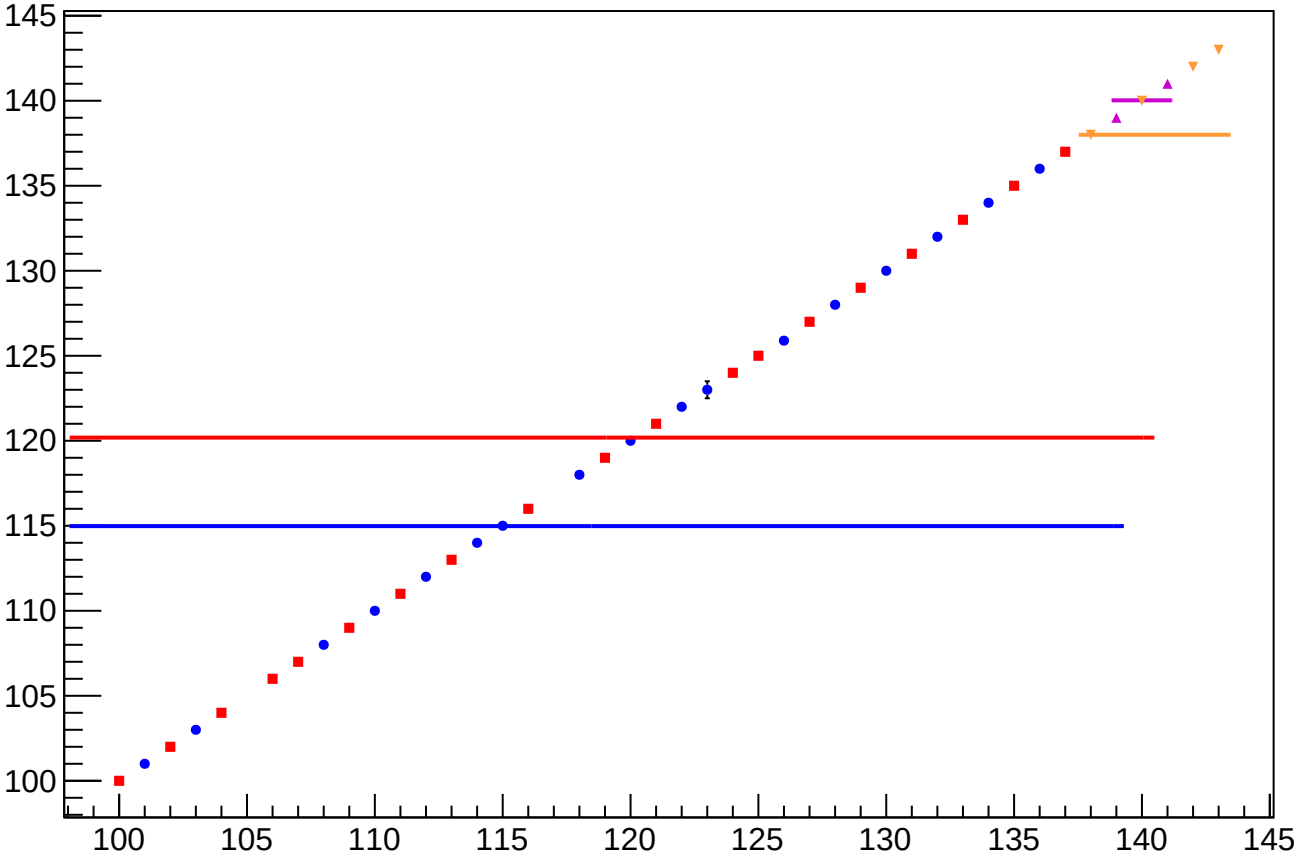
Left In: 6303.277+/-101.012 χ^2/NDF:10.5/1

+ sign 5774.117+/-0.181 χ^2/NDF: 1828559.2/18

All: 5828.993+/-0.111 χ^2/NDF: 2154184.4/36

- sign 5861.462+/-0.140 χ^2/NDF: 180050.0/17

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:2816.0/3

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

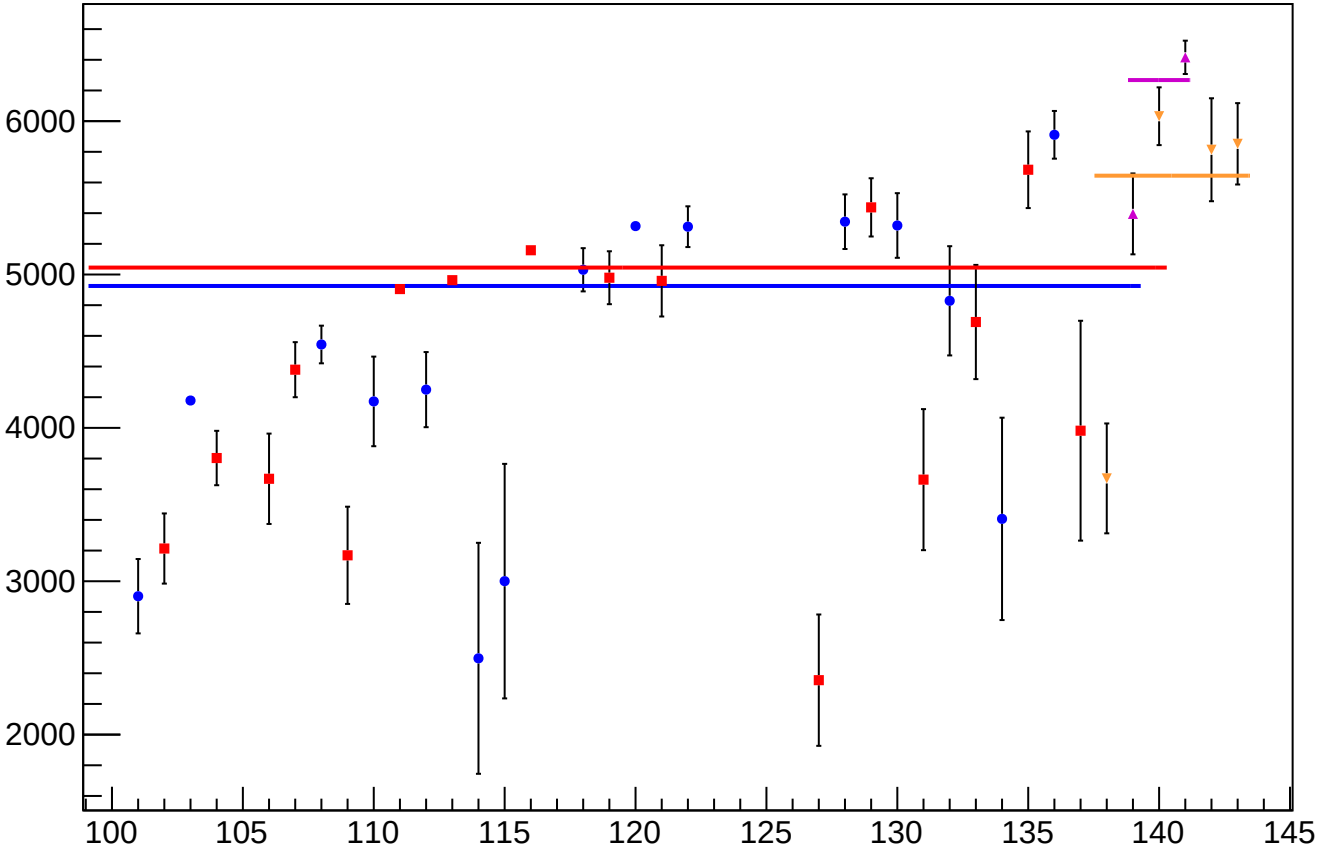
Left In: 140.024+/-0.078 χ^2/NDF:165.9/1

+ sign 116.377+/-0.000 χ^2/NDF: 159793237837416

All: 117.868+/-0.000 χ^2/NDF: 220949351482

- sign 120.186+/-0.000 χ^2/NDF: 522332536442616

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 5644.461+/-130.105 χ^2/NDF:35.5/3

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

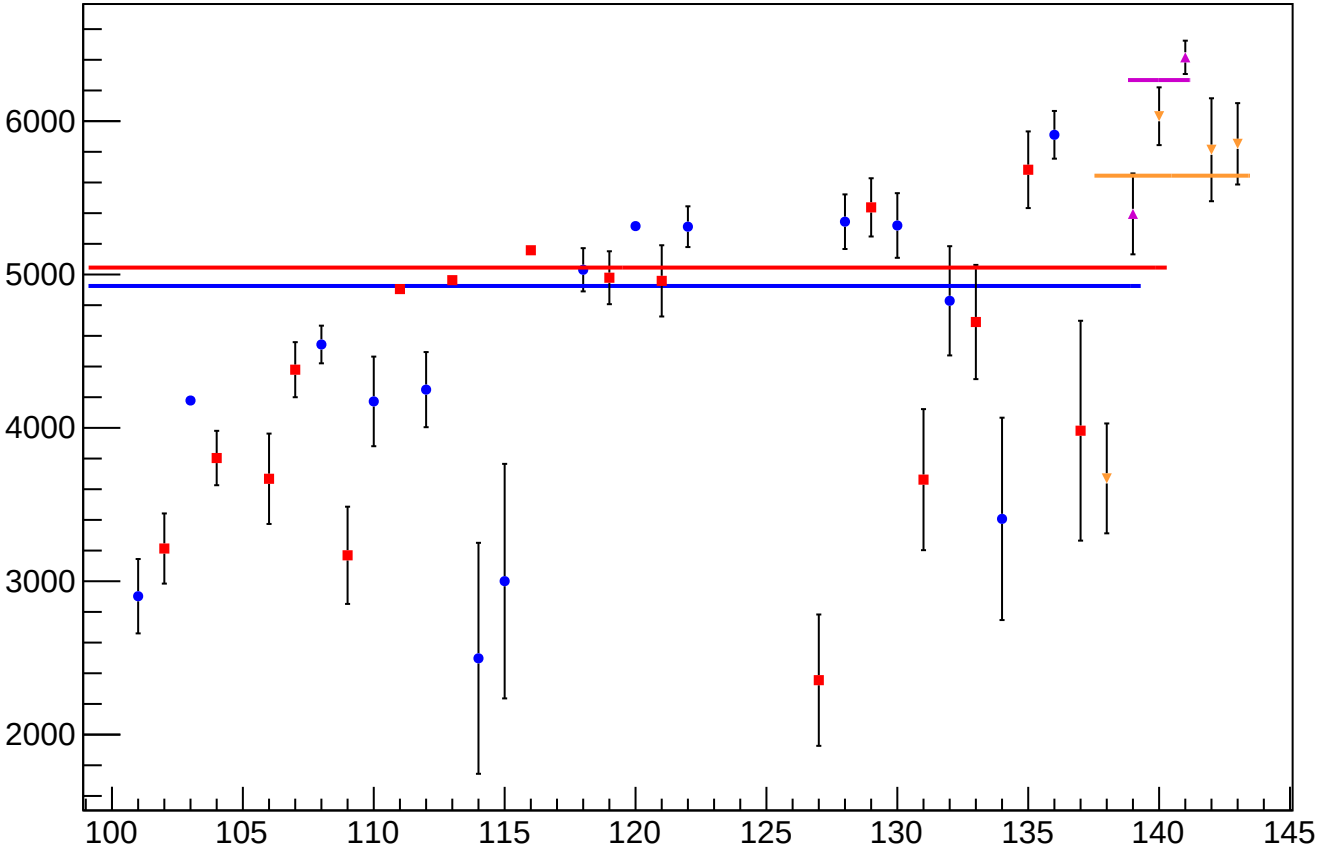
Left In: 6267.902+/-100.487 χ^2/NDF:12.8/1

+ sign 4925.343+/-0.939 χ^2/NDF: 331060.6/18

All: 5004.970+/-0.544 χ^2/NDF: 372239.8/36

- sign 5045.275+/-0.668 χ^2/NDF: 30340.7/17

dit_cyclenum_rms vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 5644.461+/-130.105 χ^2/NDF:35.5/3

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

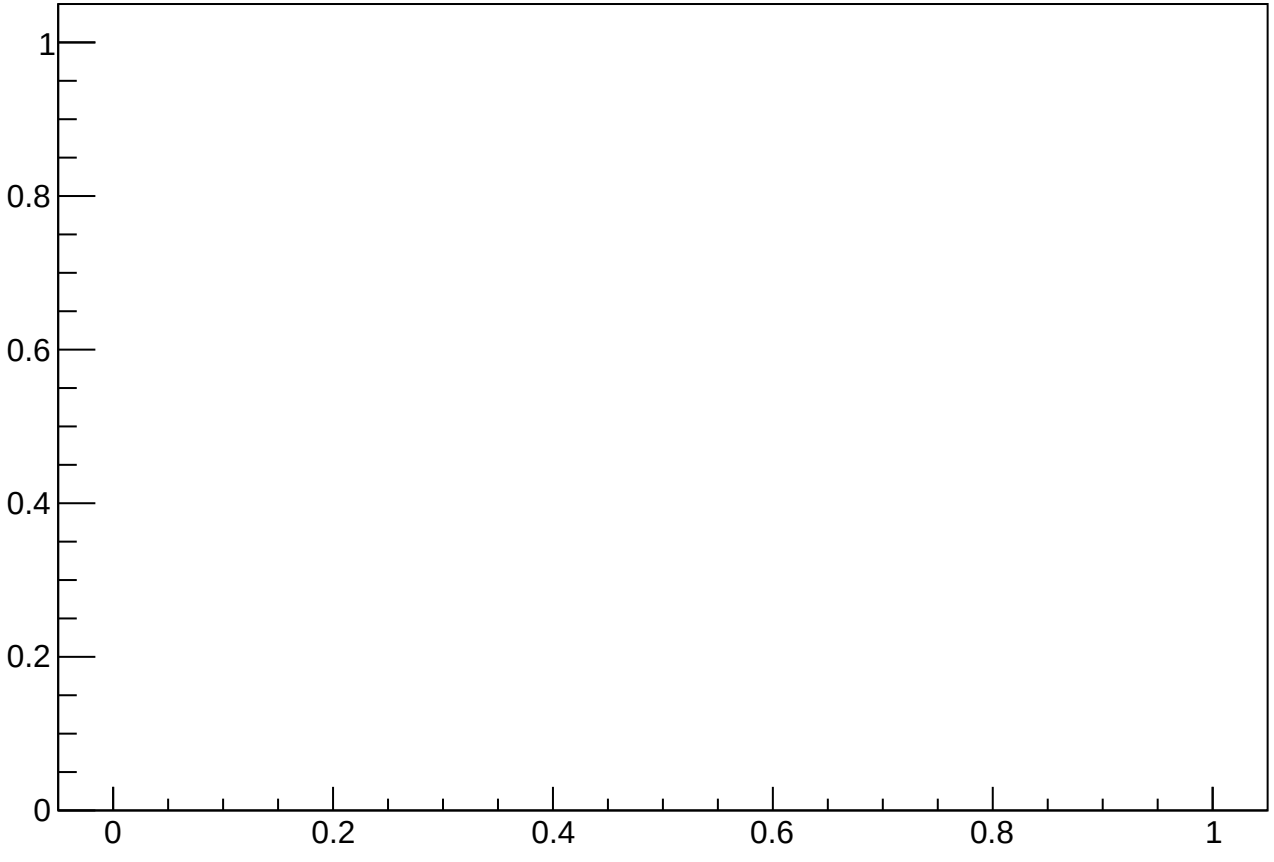
Left In: 6267.902+/-100.487 χ^2/NDF:12.8/1

+ sign 4925.343+/-0.939 χ^2/NDF: 331060.6/18

All: 5004.970+/-0.544 χ^2/NDF: 372239.8/36

- sign 5045.275+/-0.668 χ^2/NDF: 30340.7/17

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

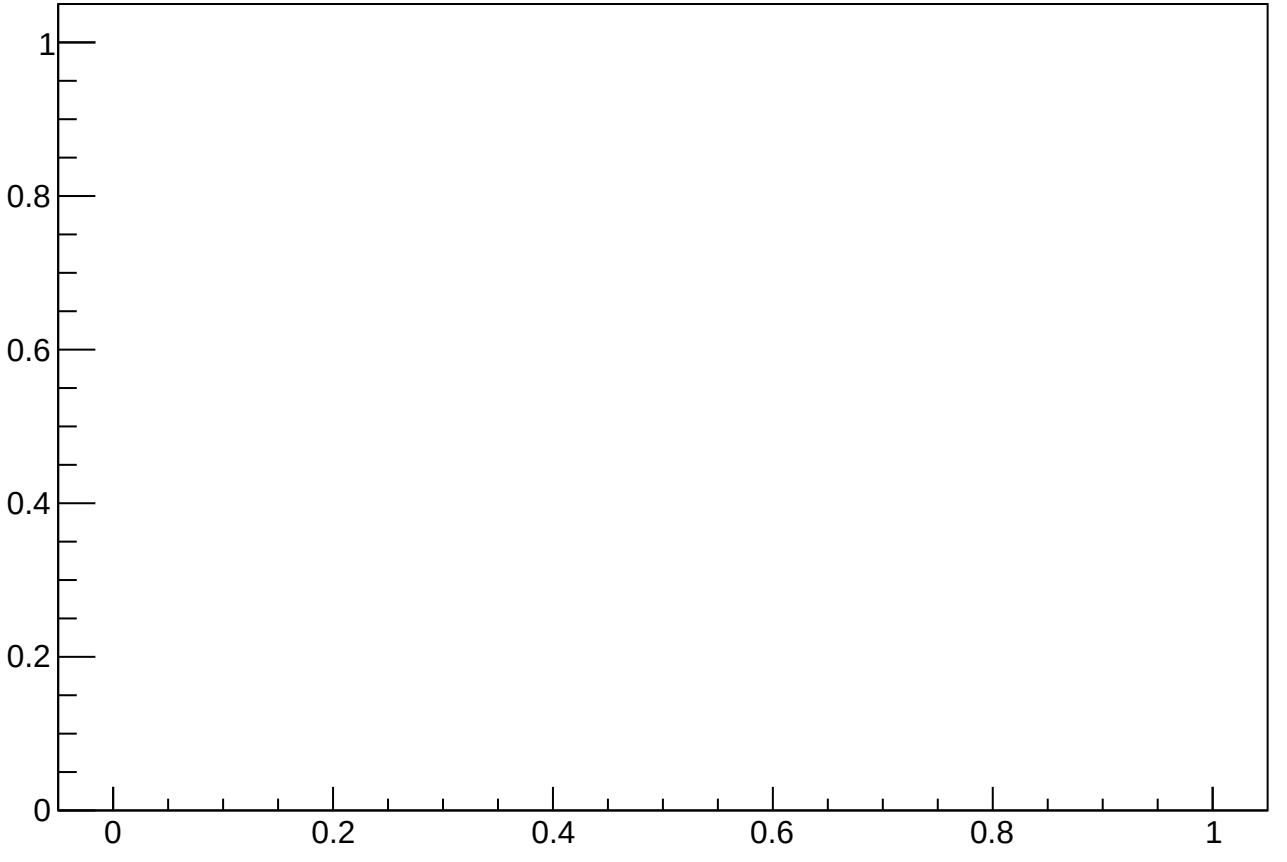
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

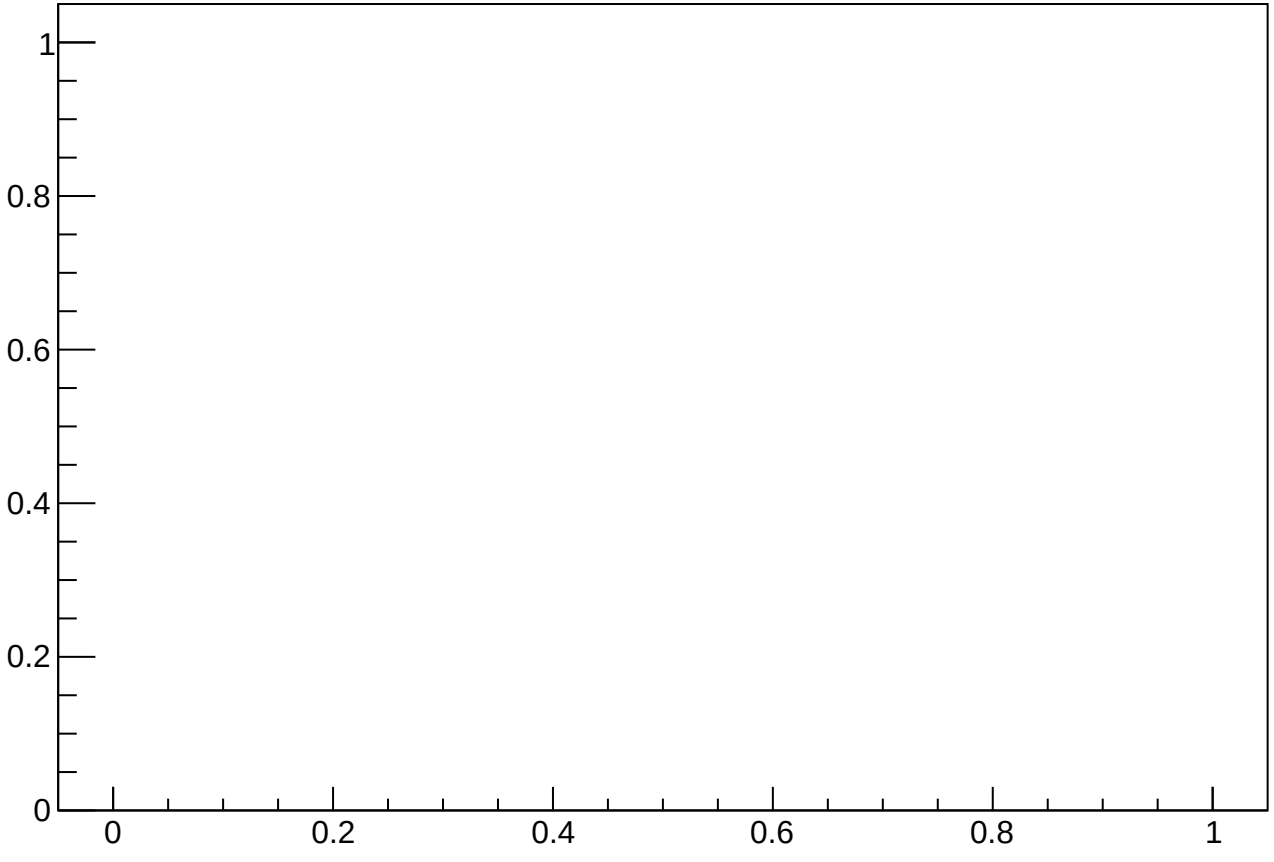
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

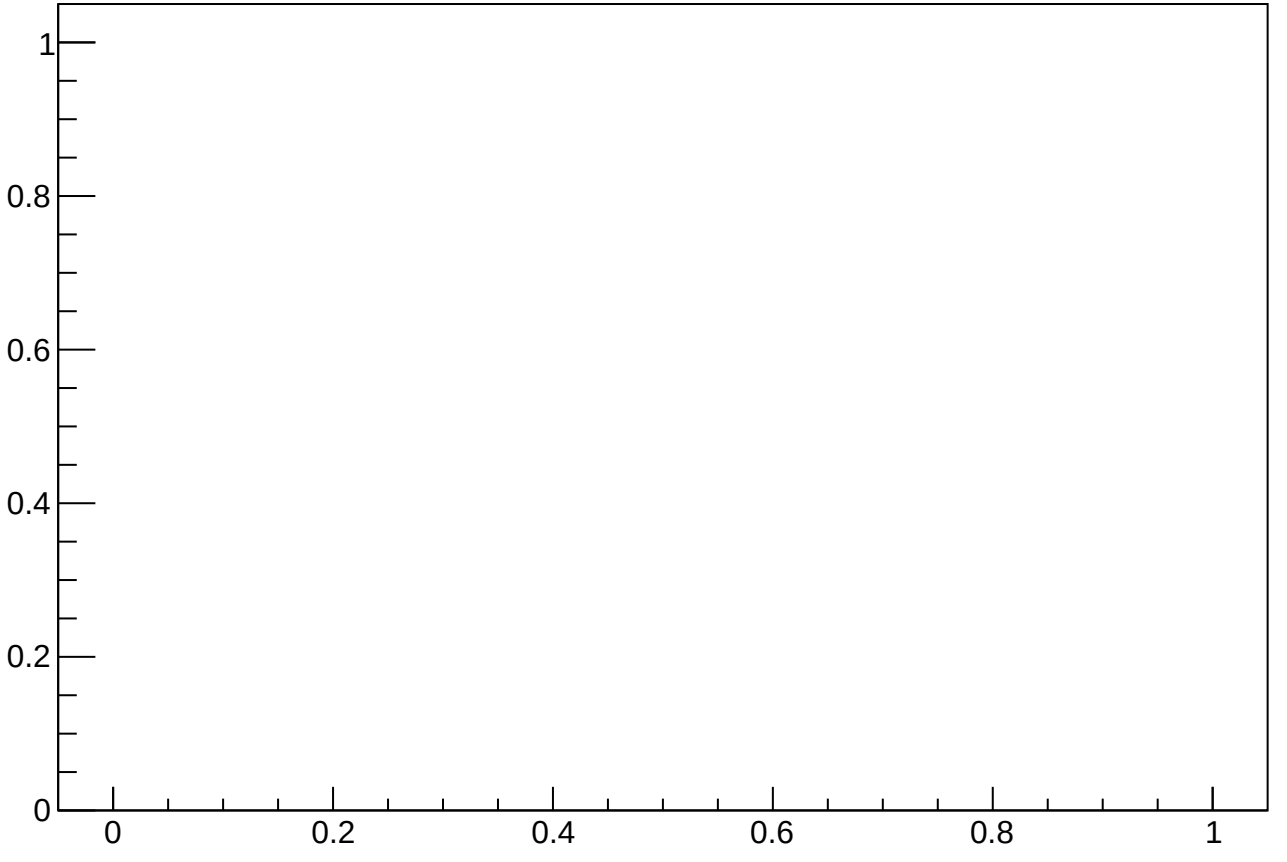
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

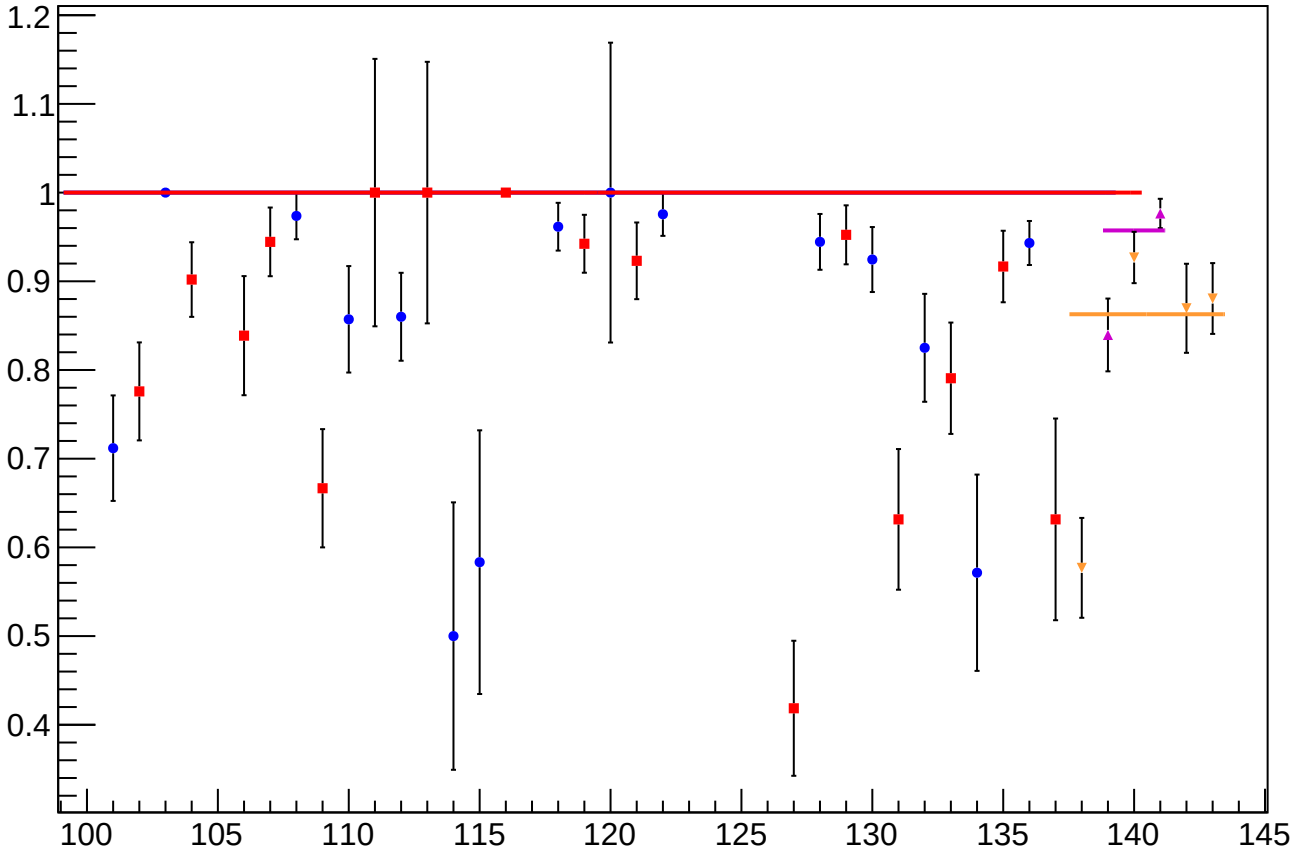
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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: 0.863+/-0.020 χ^2/NDF:30.9/3

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

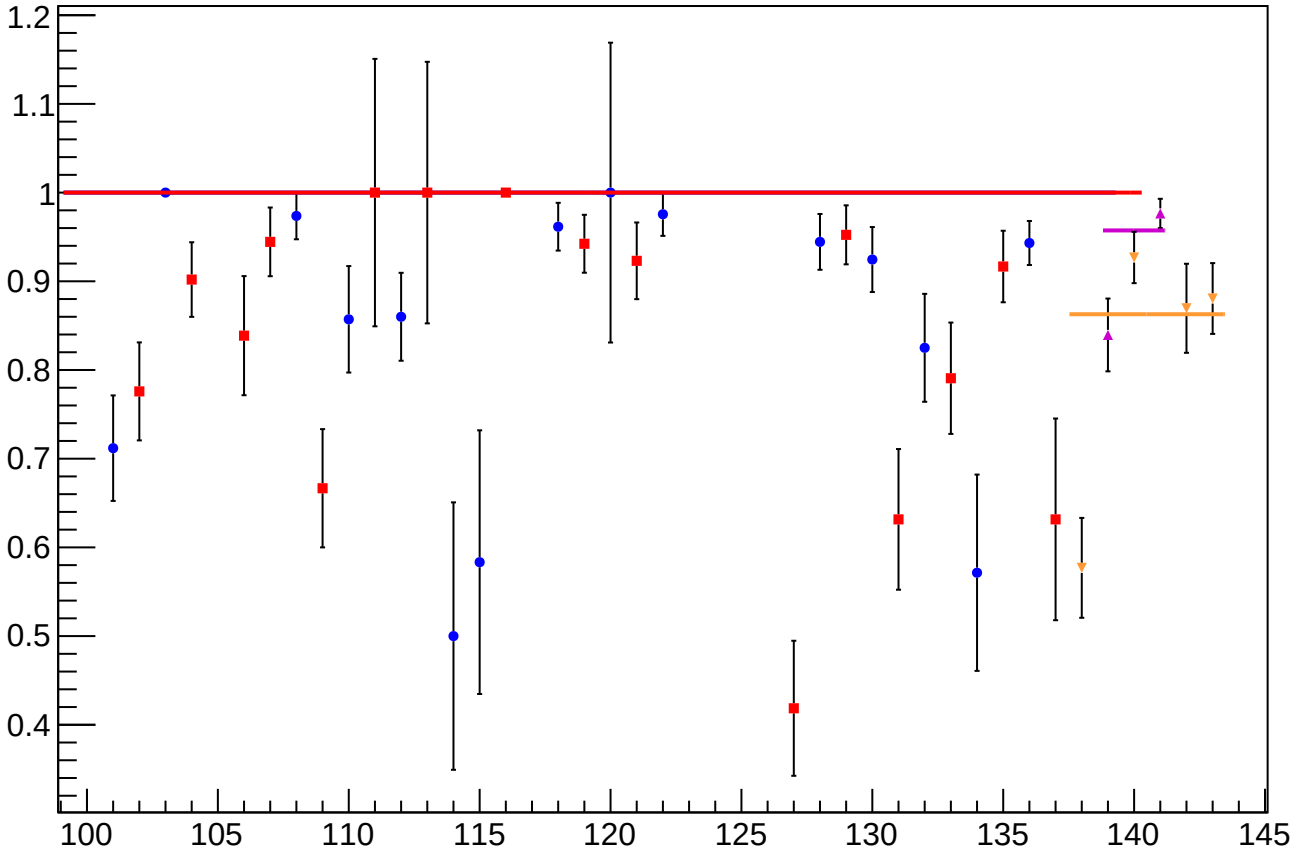
Left In: 0.957+/-0.015 χ^2/NDF:9.6/1

+ sign 1.000+/-0.000 χ^2/NDF: 174.5/18

All: 1.000+/-0.000 χ^2/NDF: 443.6/36

- sign 1.000+/-0.000 χ^2/NDF: 186.2/17

dit_flag_rms vs Slug



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.863+/-0.020 χ^2/NDF:30.9/3

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

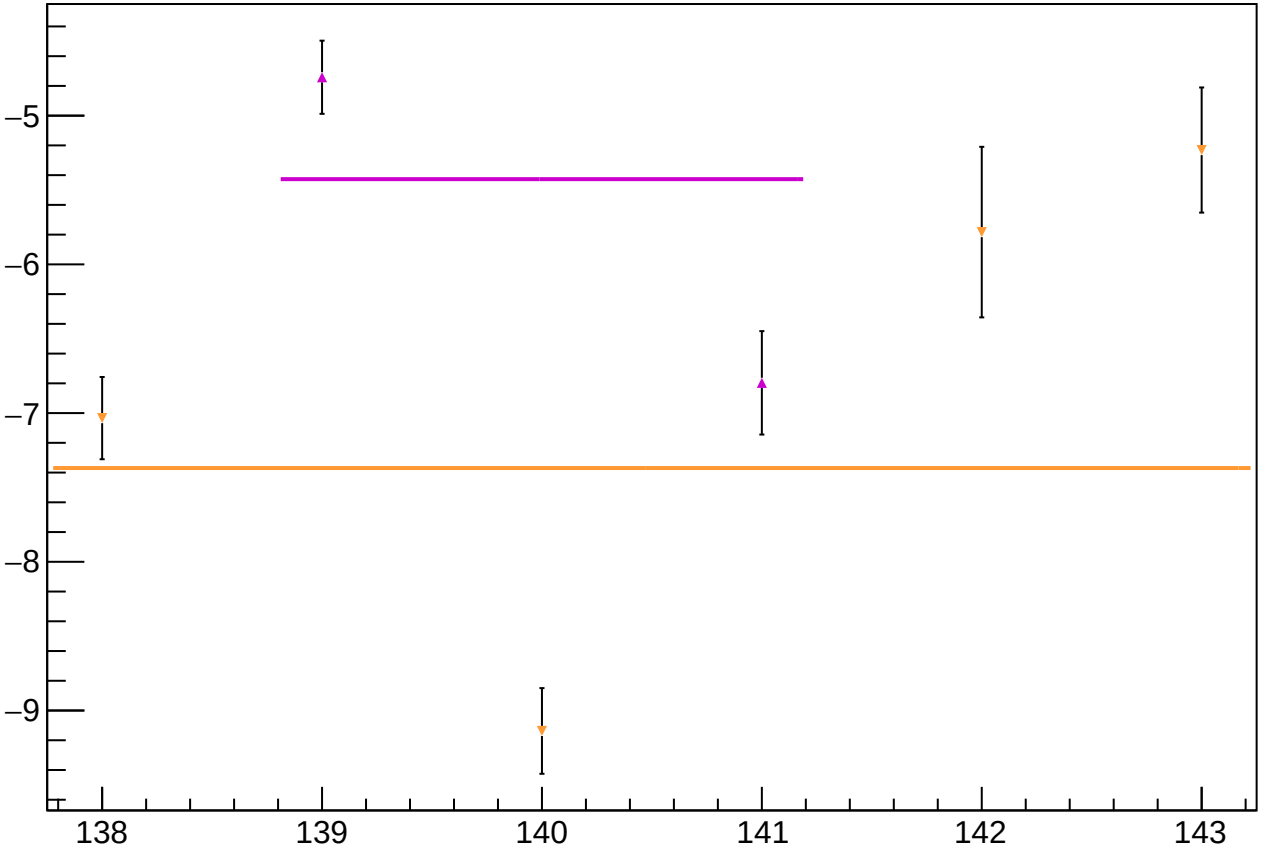
Left In: 0.957+/-0.015 χ^2/NDF:9.6/1

+ sign 1.000+/-0.000 χ^2/NDF: 174.5/18

All: 1.000+/-0.000 χ^2/NDF: 443.6/36

- sign 1.000+/-0.000 χ^2/NDF: 186.2/17

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -7.370+/-0.172 χ^2/NDF:72.6/3

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

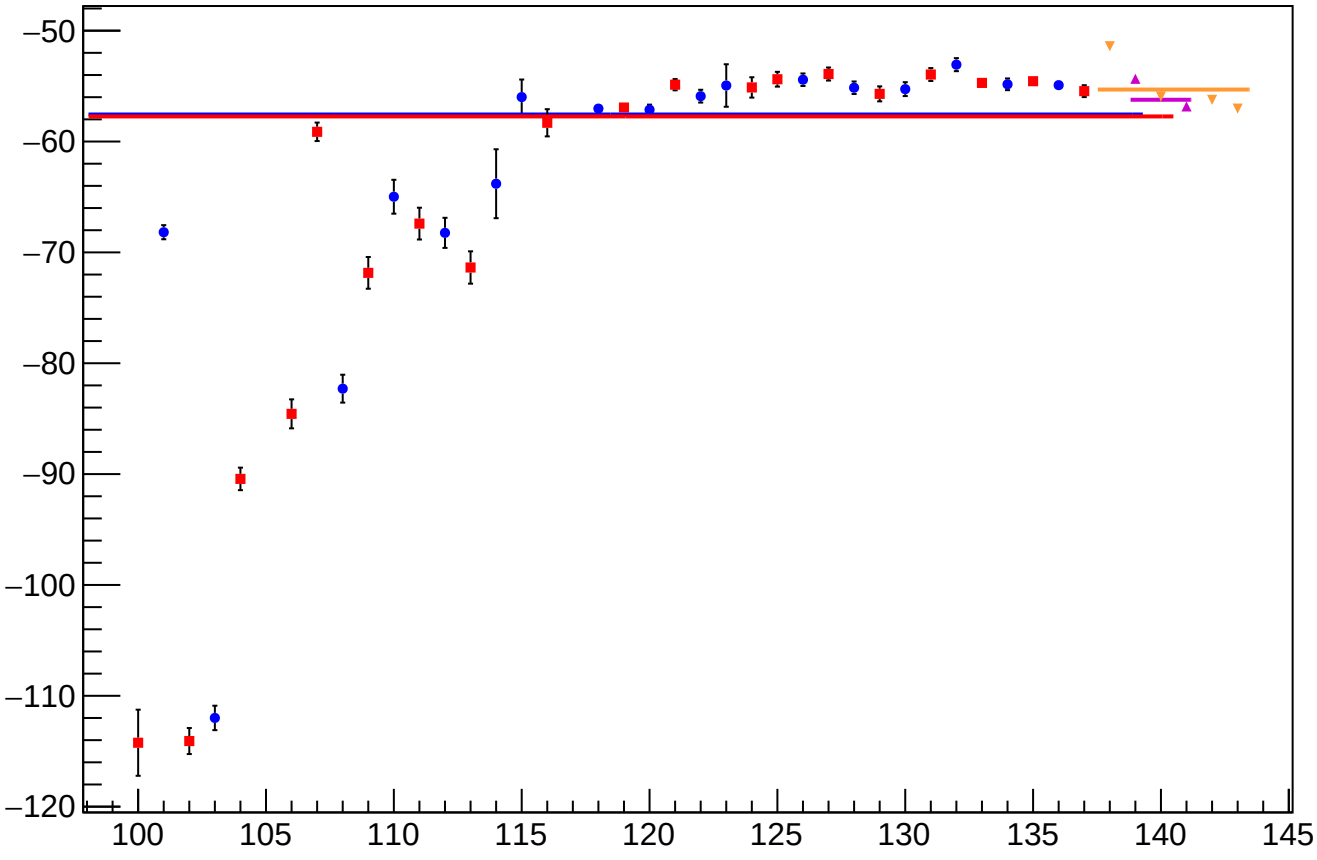
Left In: -5.427+/-0.201 χ^2/NDF:23.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.548+/-0.131 χ^2/NDF: 149.9/5

- 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: -55.311+/-0.148 χ^2/NDF:194.3/3

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

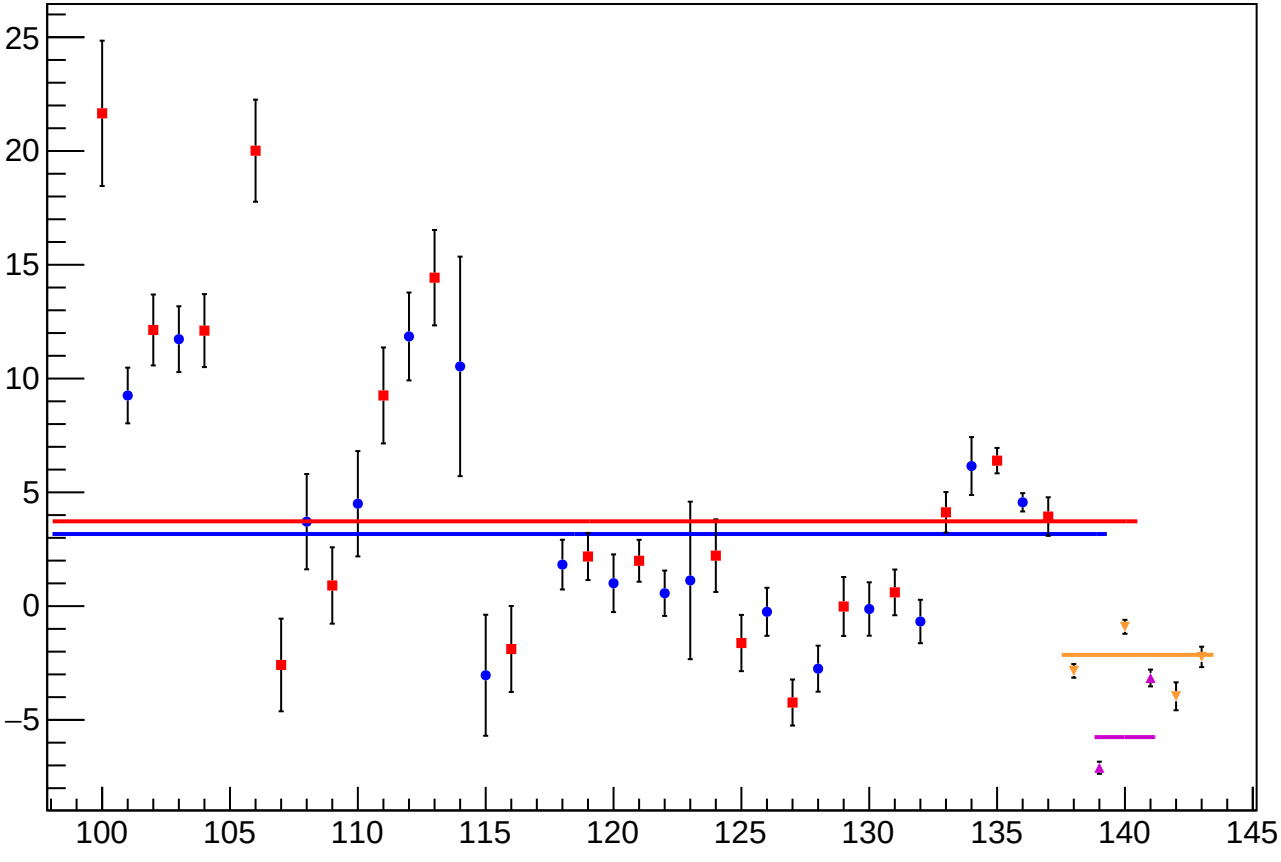
Left In: -56.232+/-0.219 χ^2/NDF:23.8/1

+ sign -56.485+/-0.102 χ^2/NDF: 3771.6/20

All: -56.822+/-0.078 χ^2/NDF: 8552.9/41

- sign -57.285+/-0.120 χ^2/NDF: 4755.4/20

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -2.142+/-0.185 χ^2/NDF:30.5/3

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

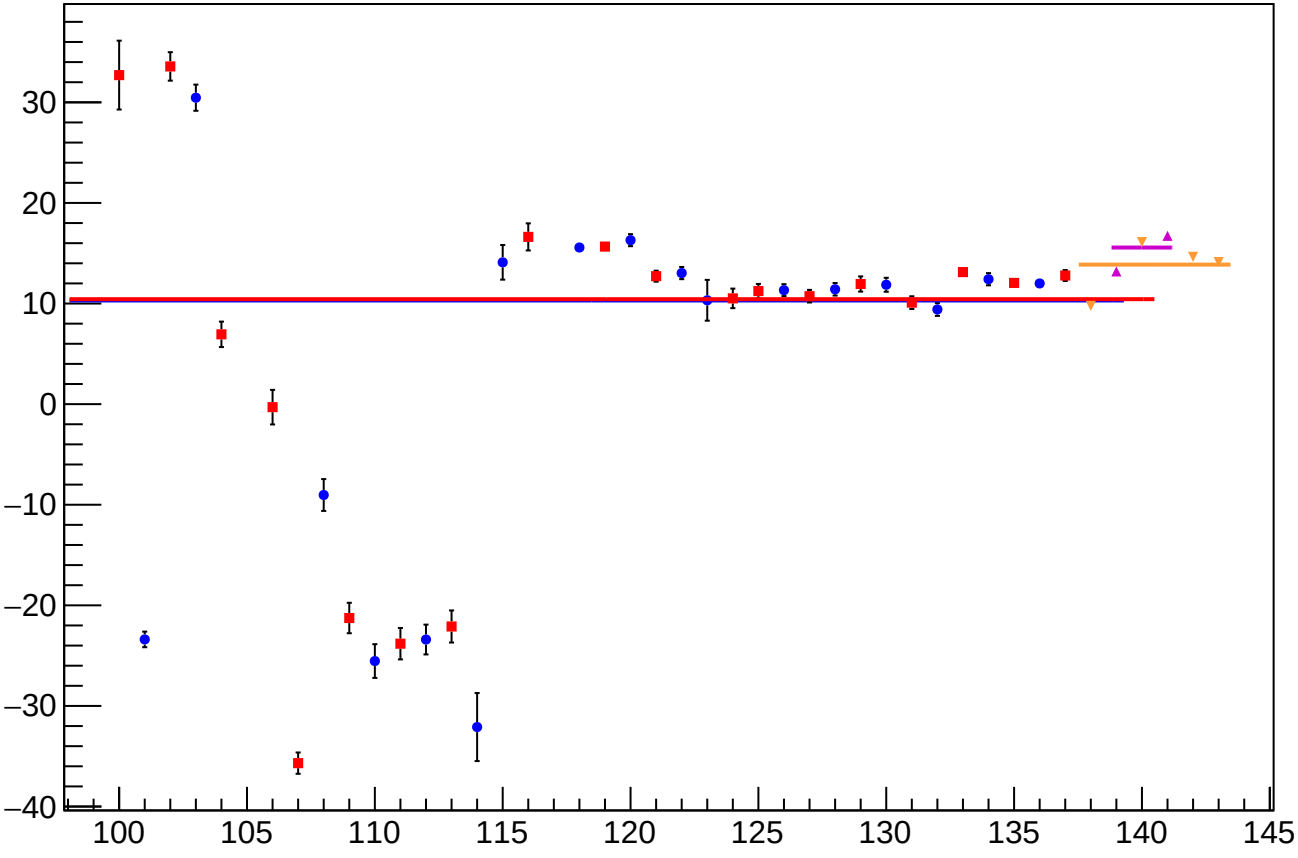
Left In: -5.756+/-0.216 χ^2/NDF:75.0/1

+ sign -0.340+/-0.150 χ^2/NDF: 497.1/20

All: -1.080+/-0.112 χ^2/NDF: 1711.9/41

- sign -2.006+/-0.168 χ^2/NDF: 1160.1/20

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 13.870+/-0.173 χ^2/NDF:198.2/3

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

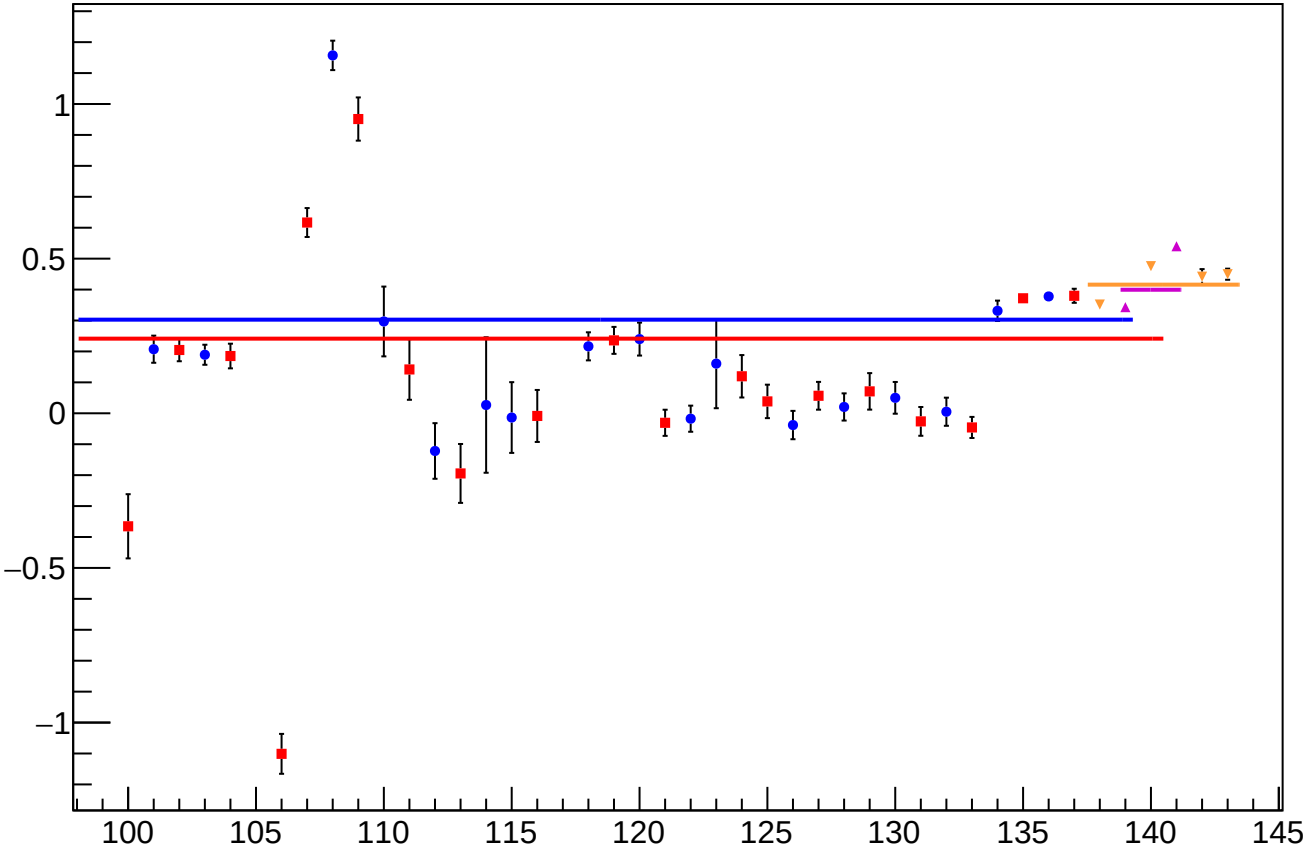
Left In: 15.566+/-0.246 χ^2/NDF:45.8/1

+ sign 11.909+/-0.116 χ^2/NDF: 4143.0/20

All: 11.931+/-0.088 χ^2/NDF: 8323.8/41

- sign 11.959+/-0.134 χ^2/NDF: 4180.7/20

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.416+/-0.007 χ^2/NDF:55.9/3

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

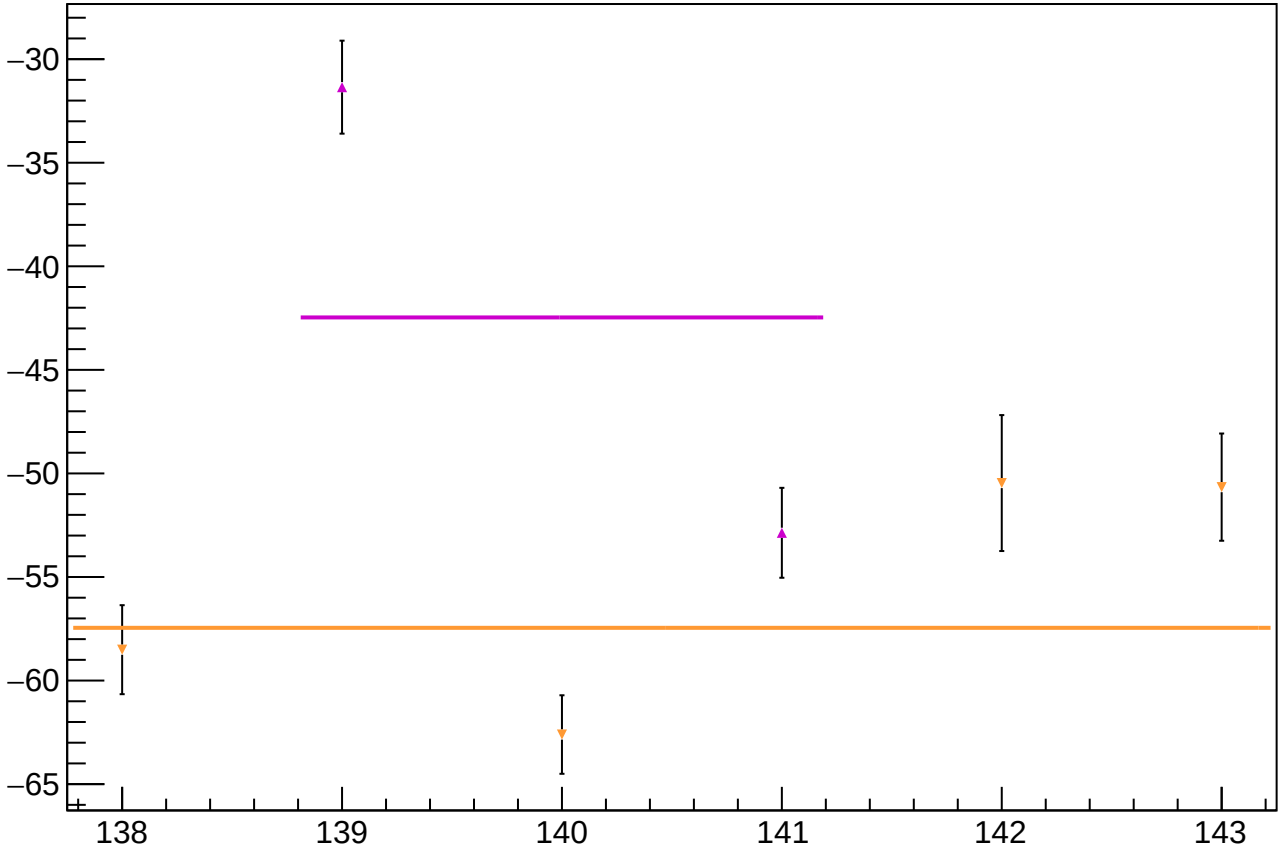
Left In: 0.399+/-0.008 χ^2/NDF:125.3/1

+ sign 0.365+/-0.006 χ^2/NDF: 806.9/20

All: 0.346+/-0.004 χ^2/NDF: 2127.5/41

- sign 0.326+/-0.006 χ^2/NDF: 1296.9/20

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -57.454+/-1.165 χ^2/NDF:19.1/3

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

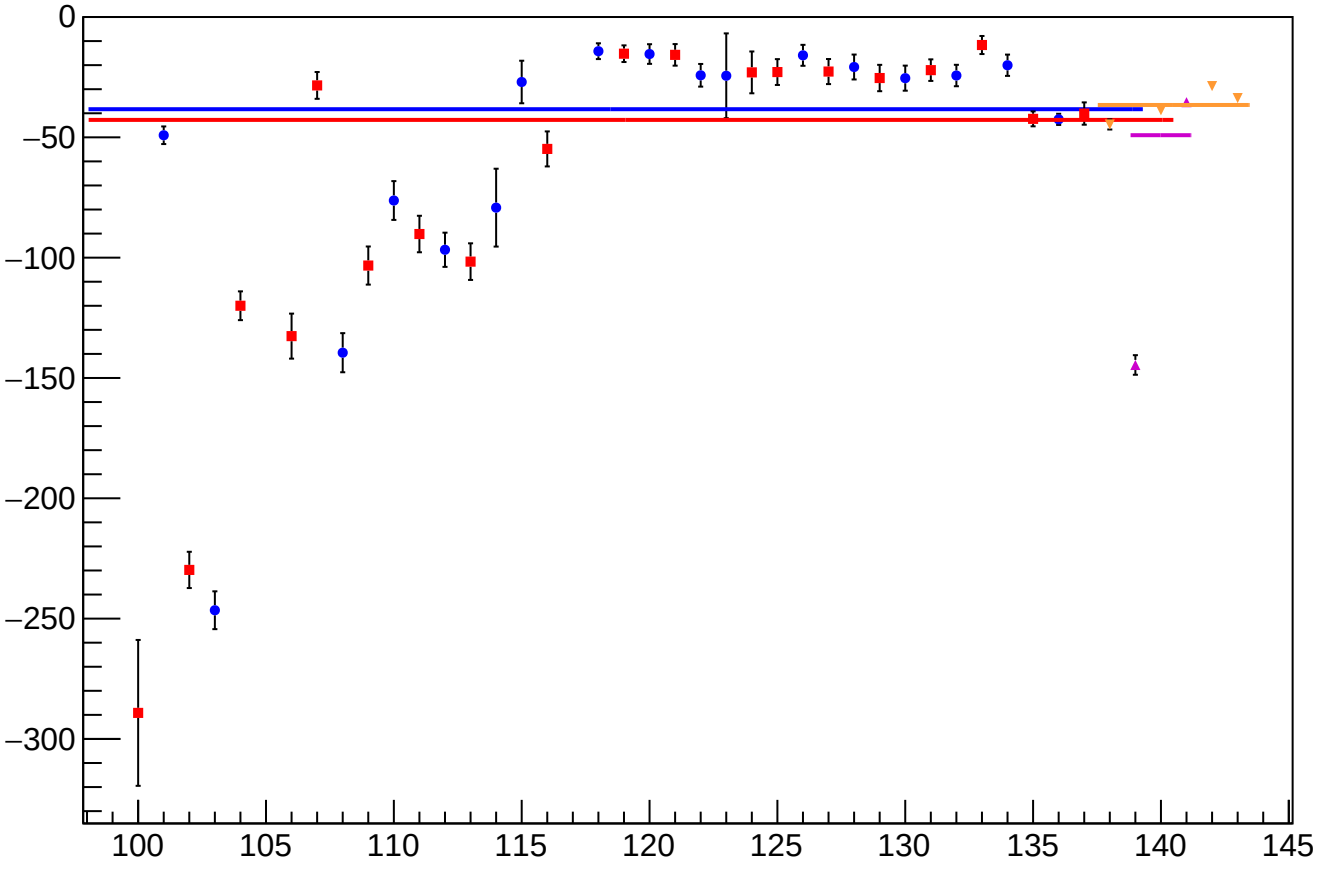
Left In: -42.469+/-1.560 χ^2/NDF:47.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -52.092+/-0.933 χ^2/NDF: 125.8/5

- 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: -36.552+/-0.915 χ^2/NDF:33.7/3

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

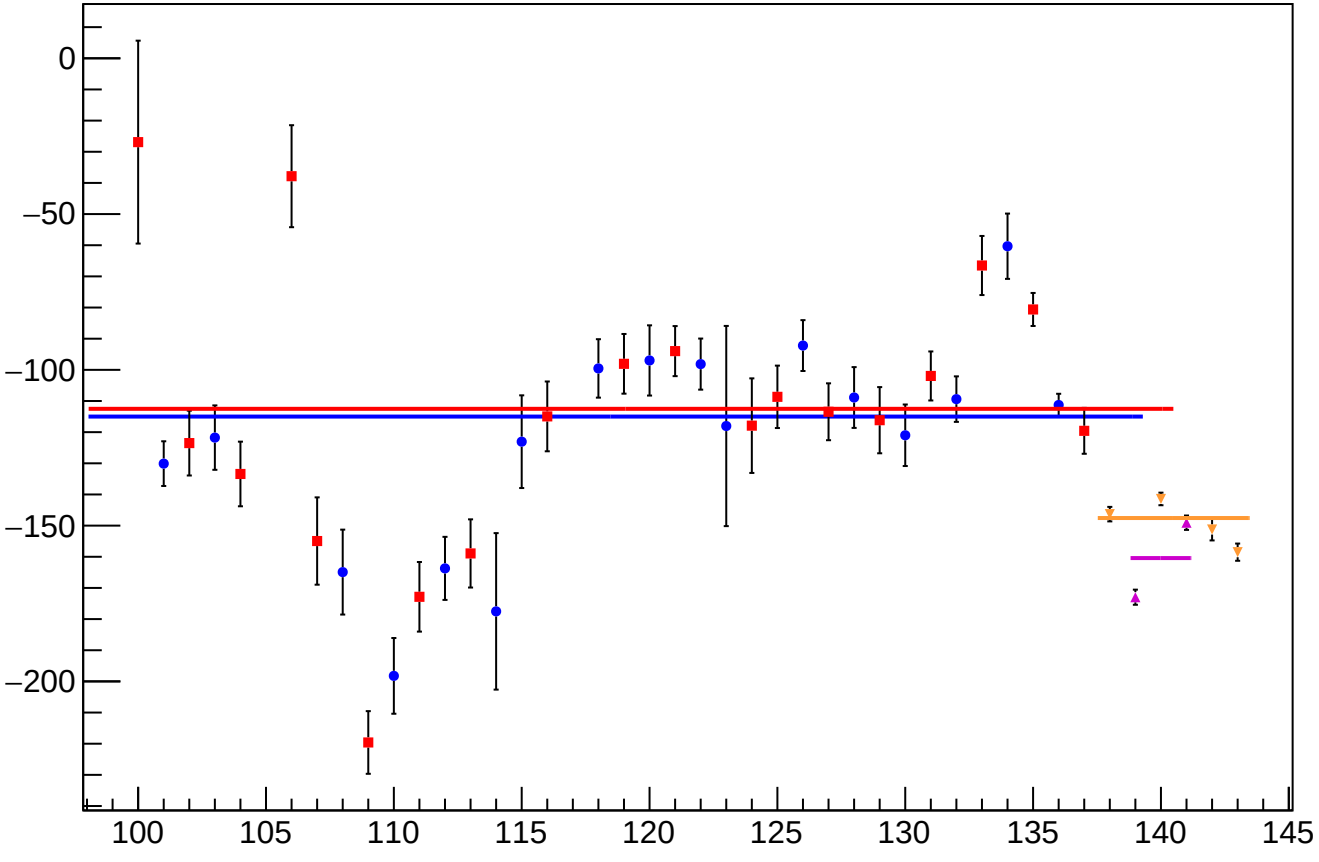
Left In: -49.110+/-1.443 χ^2/NDF:629.1/1

+ sign -37.243+/-0.713 χ^2/NDF: 1167.8/20

All: -40.266+/-0.565 χ^2/NDF: 3198.3/41

- sign -45.380+/-0.927 χ^2/NDF: 1982.1/20

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -147.563+/-1.248 χ^2/NDF:26.3/3

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

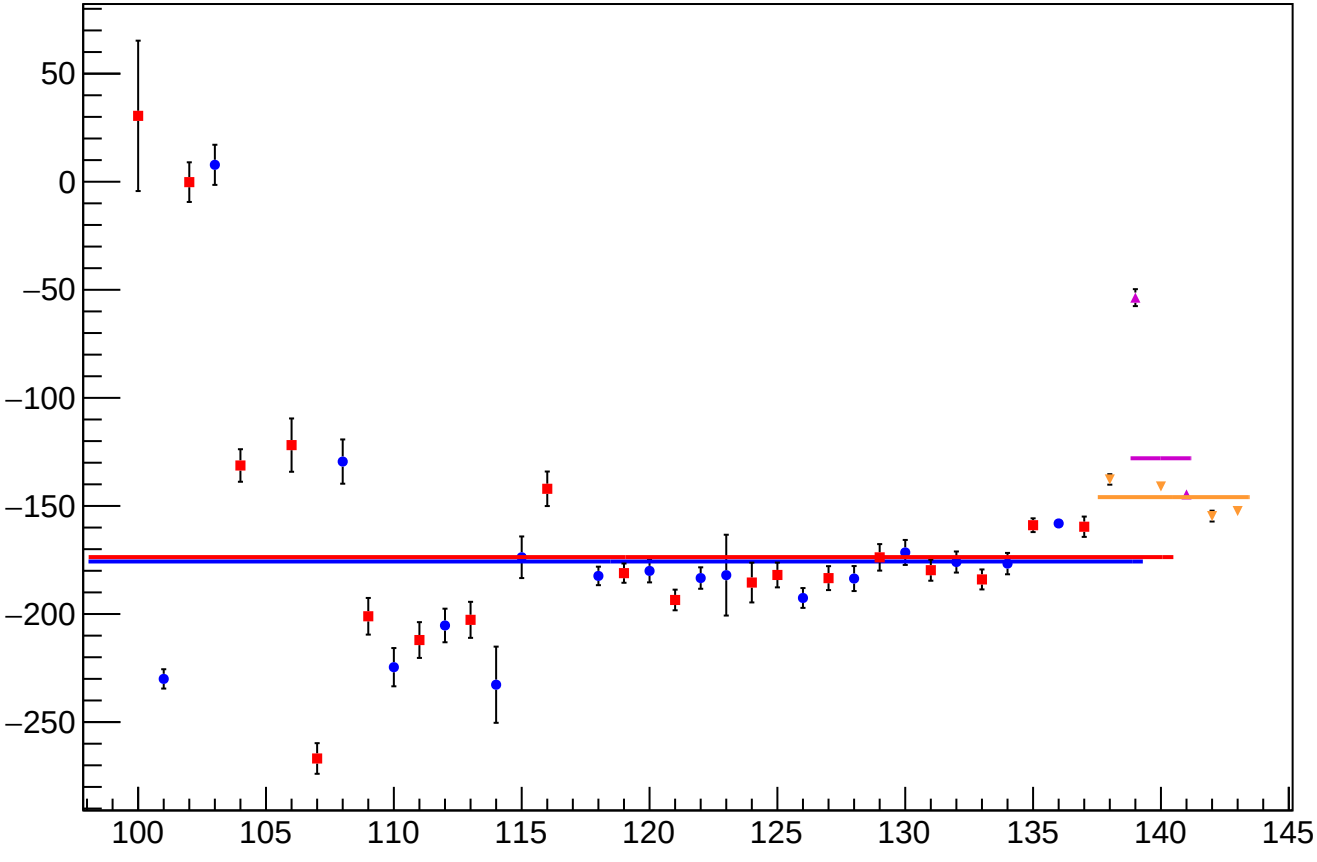
Left In: -160.415+/-1.673 χ^2/NDF:51.0/1

+ sign -138.894+/-1.069 χ^2/NDF: 349.3/20

All: -140.475+/-0.834 χ^2/NDF: 978.3/41

- sign -142.932+/-1.333 χ^2/NDF: 623.4/20

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -145.922+/-1.095 χ^2/NDF:39.7/3

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

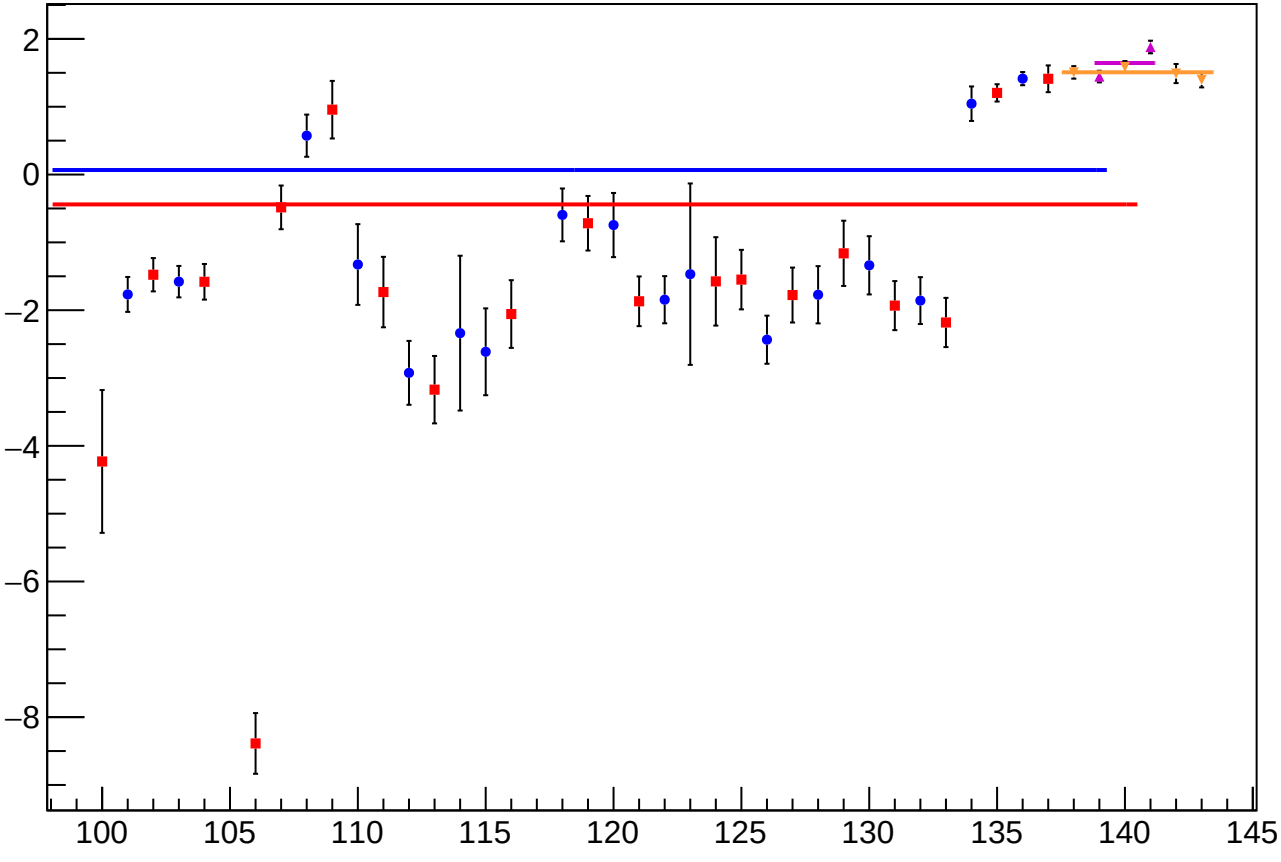
Left In: -127.946+/-1.681 χ^2/NDF:440.0/1

+ sign -158.651+/-0.829 χ^2/NDF: 1048.4/20

All: -157.503+/-0.652 χ^2/NDF: 2679.5/41

- sign -155.642+/-1.055 χ^2/NDF: 1626.0/20

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.508+/-0.051 χ^2/NDF:1.8/3

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

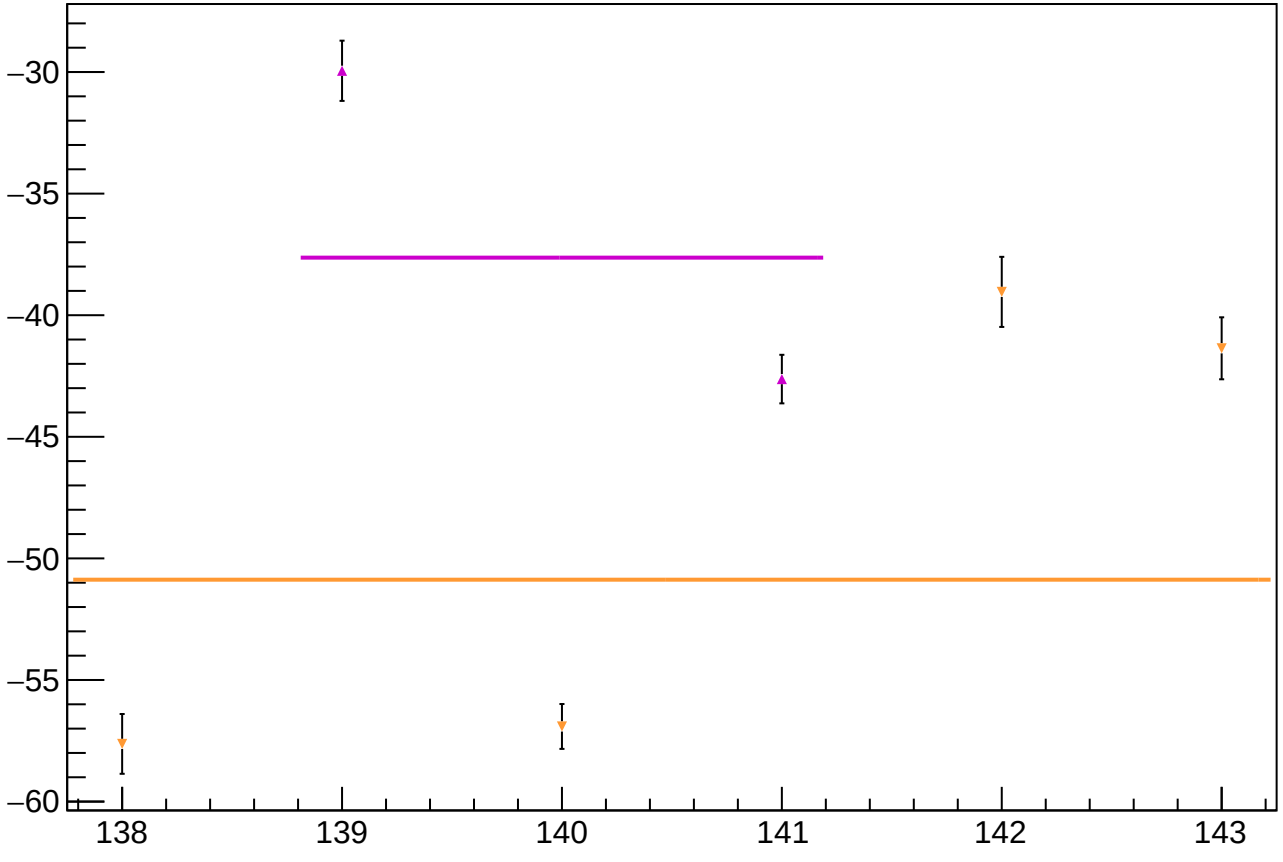
Left In: 1.645+/-0.063 χ^2/NDF:11.8/1

+ sign 0.973+/-0.041 χ^2/NDF: 819.2/20

All: 0.867+/-0.031 χ^2/NDF: 2082.1/41

- sign 0.725+/-0.047 χ^2/NDF: 1247.1/20

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -50.876+/-0.584 χ^2/NDF:196.1/3

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

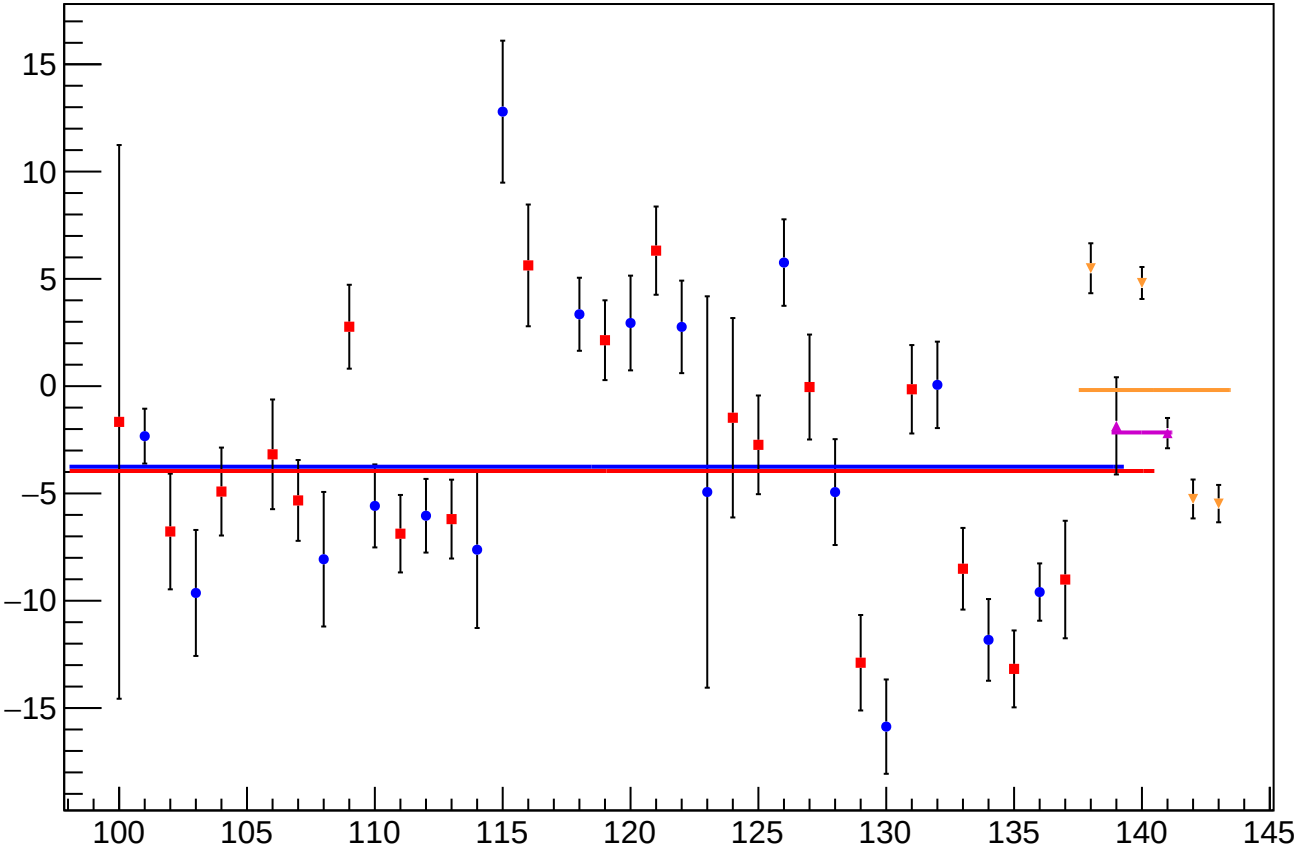
Left In: -37.633+/-0.777 χ^2/NDF:63.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -46.098+/-0.467 χ^2/NDF: 445.2/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -0.180+/-0.444 χ^2/NDF:136.9/3

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

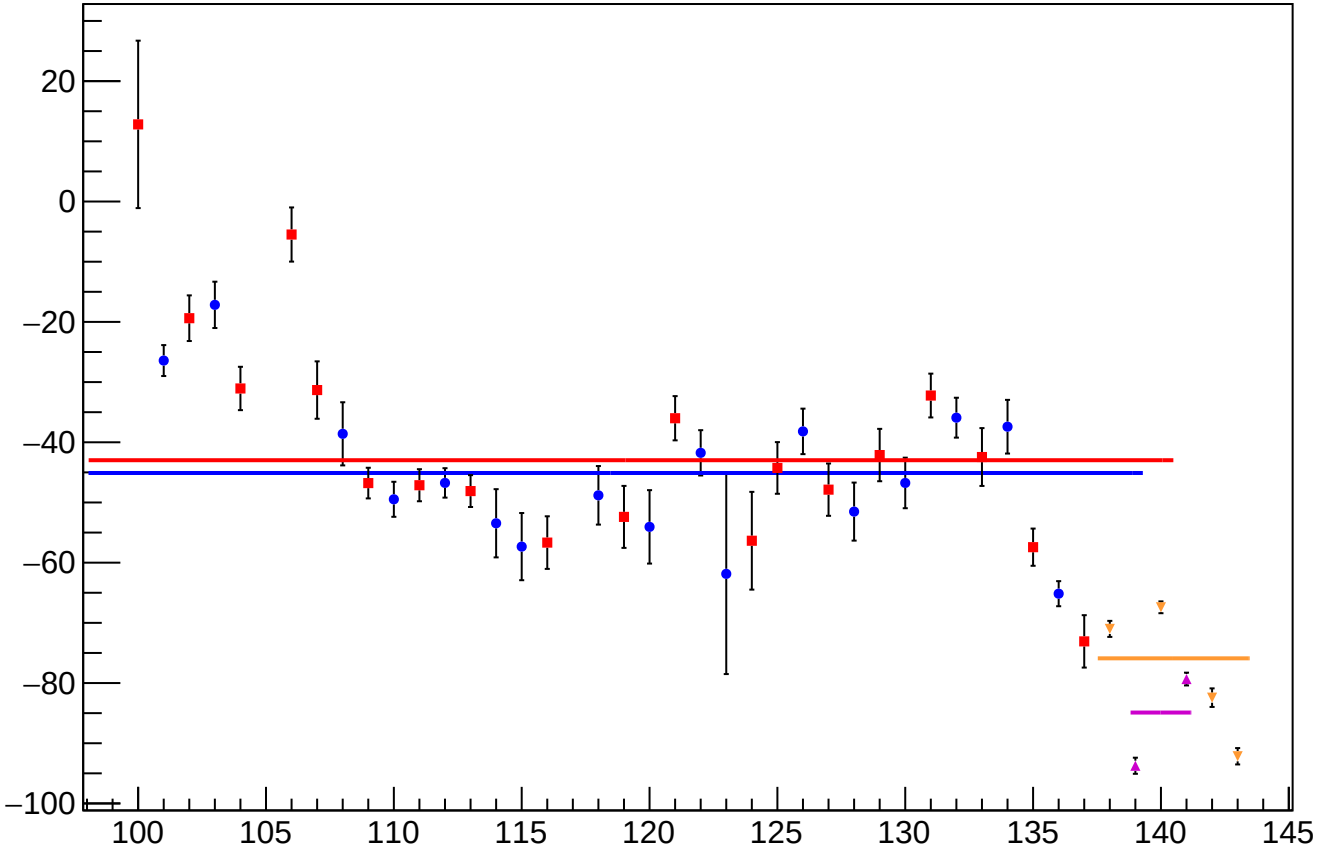
Left In: -2.159+/-0.674 χ^2/NDF:0.0/1

+ sign -1.773+/-0.330 χ^2/NDF: 331.1/20

All: -2.385+/-0.256 χ^2/NDF: 467.6/41

- sign -3.305+/-0.405 χ^2/NDF: 127.9/20

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -75.894+/-0.625 χ^2/NDF:249.1/3

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

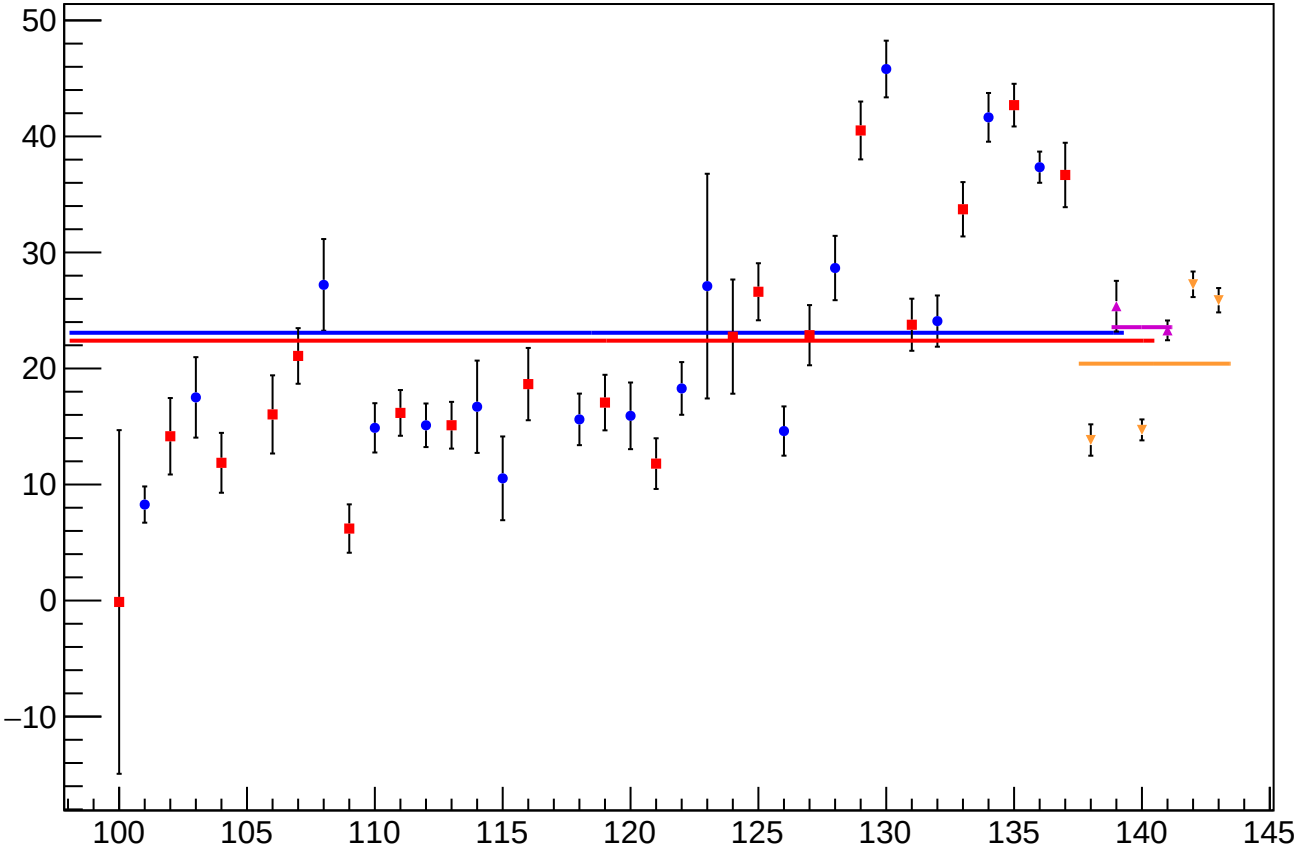
Left In: -84.901+/-0.832 χ^2/NDF:71.1/1

+ sign -65.586+/-0.510 χ^2/NDF: 1292.0/20

All: -65.368+/-0.389 χ^2/NDF: 2815.1/41

- sign -65.062+/-0.604 χ^2/NDF: 1522.6/20

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 20.416+/-0.534 χ^2/NDF:129.4/3

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

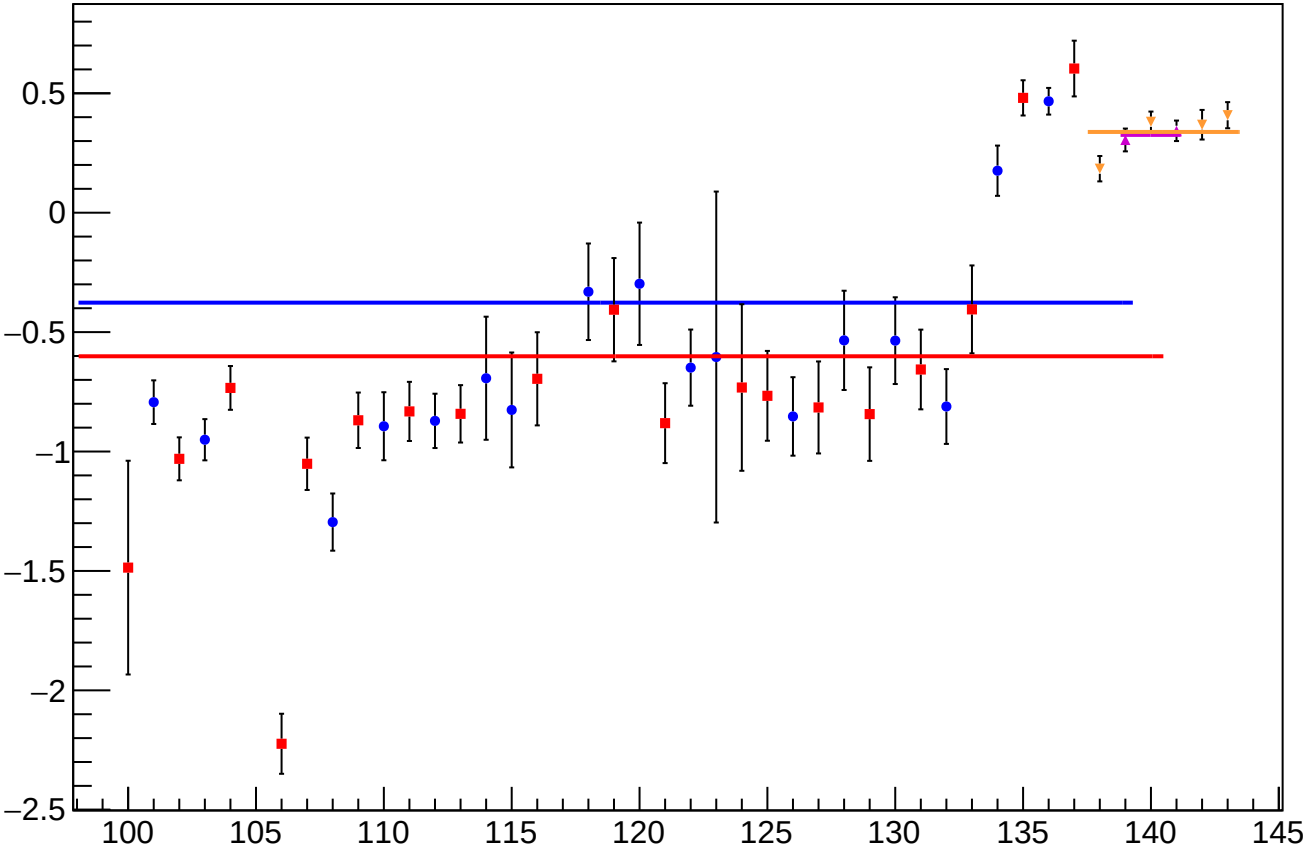
Left In: 23.561+/-0.794 χ^2/NDF:0.8/1

+ sign 21.694+/-0.385 χ^2/NDF: 602.5/20

All: 22.143+/-0.296 χ^2/NDF: 978.3/41

- sign 22.795+/-0.464 χ^2/NDF: 372.5/20

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.338+/-0.026 χ^2/NDF:11.3/3

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

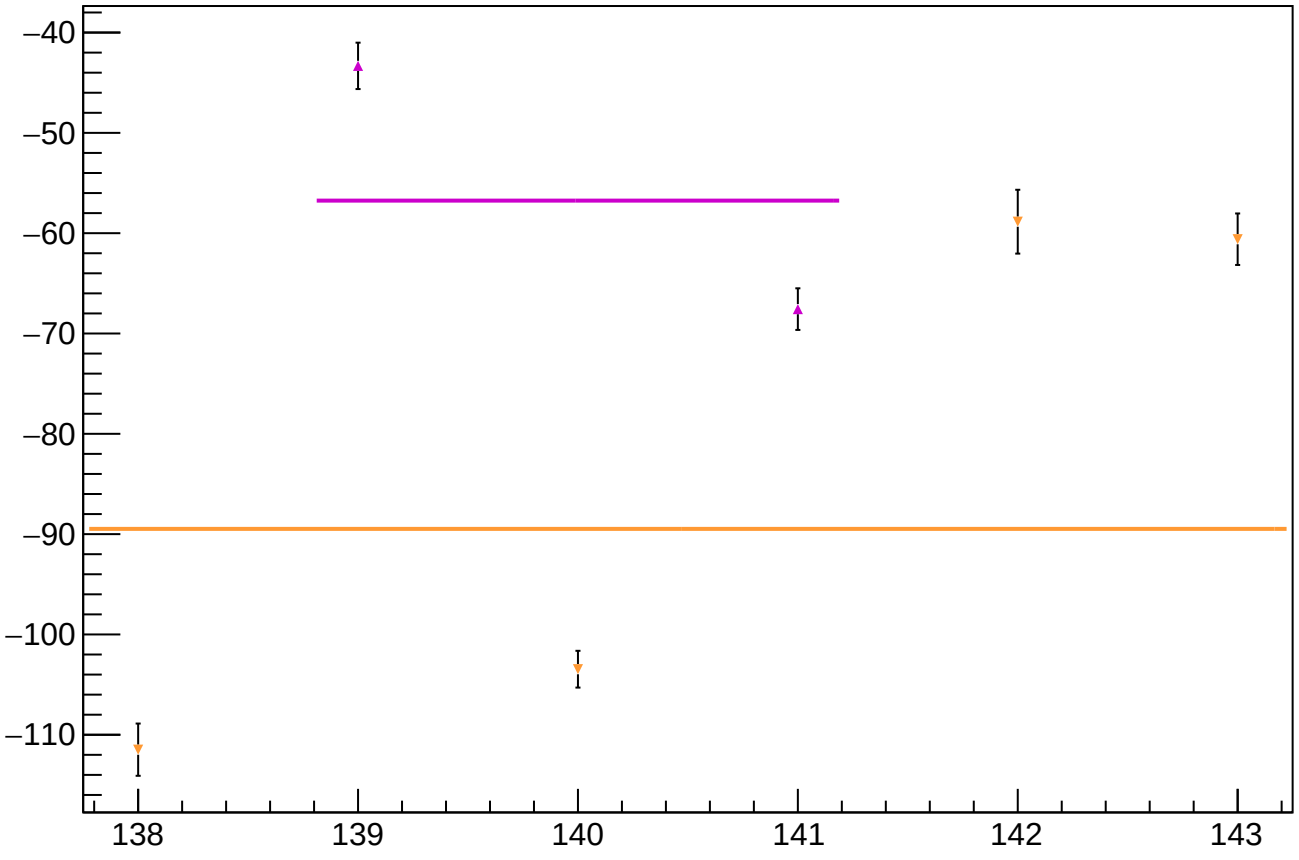
Left In: 0.326+/-0.032 χ^2/NDF:0.4/1

+ sign 0.034+/-0.020 χ^2/NDF: 773.2/20

All: -0.054+/-0.015 χ^2/NDF: 1819.8/41

- sign -0.164+/-0.022 χ^2/NDF: 1001.4/20

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -89.476+/-1.199 χ^2/NDF:348.9/3

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

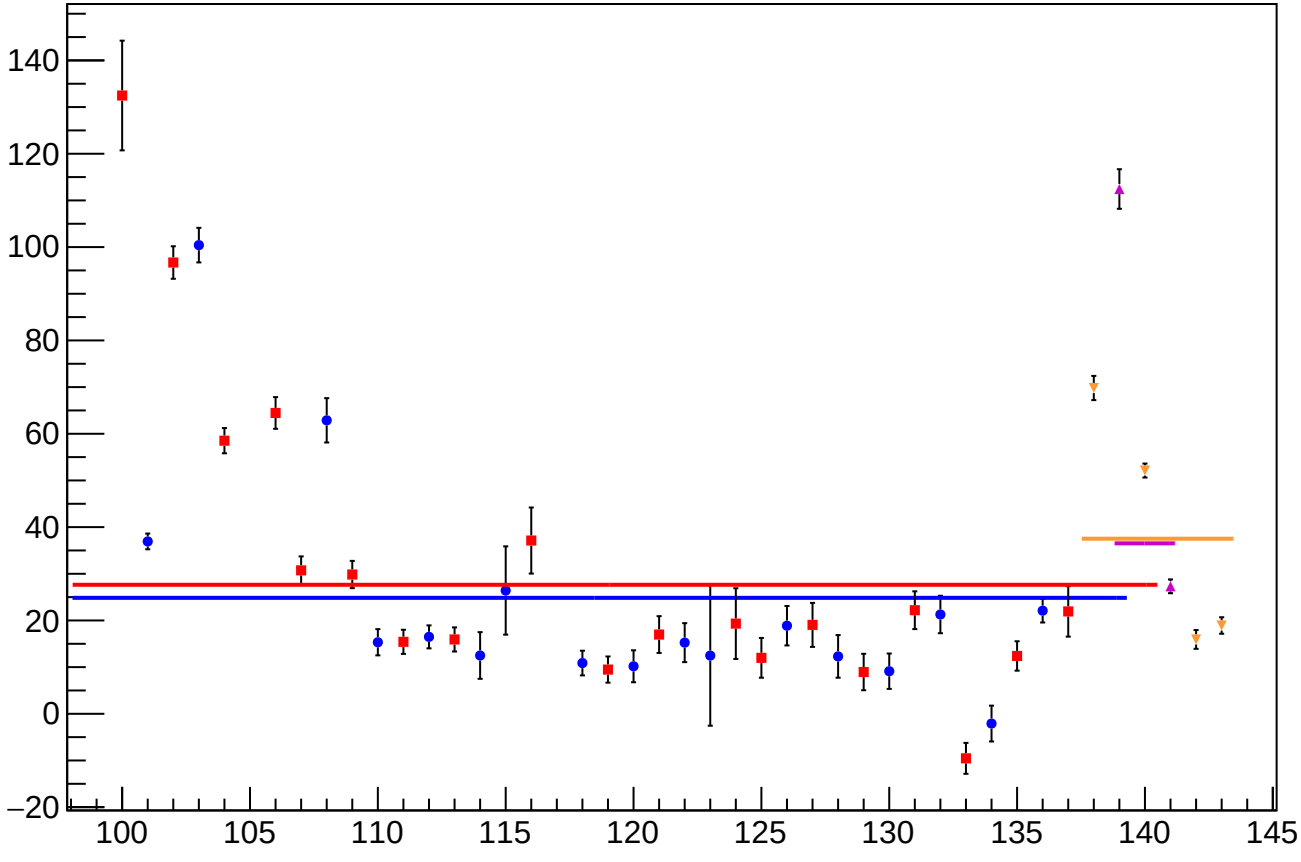
Left In: -56.753+/-1.544 χ^2/NDF:60.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -77.170+/-0.947 χ^2/NDF: 690.1/5

- 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: 37.519+/-0.928 χ^2/NDF:476.0/3

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

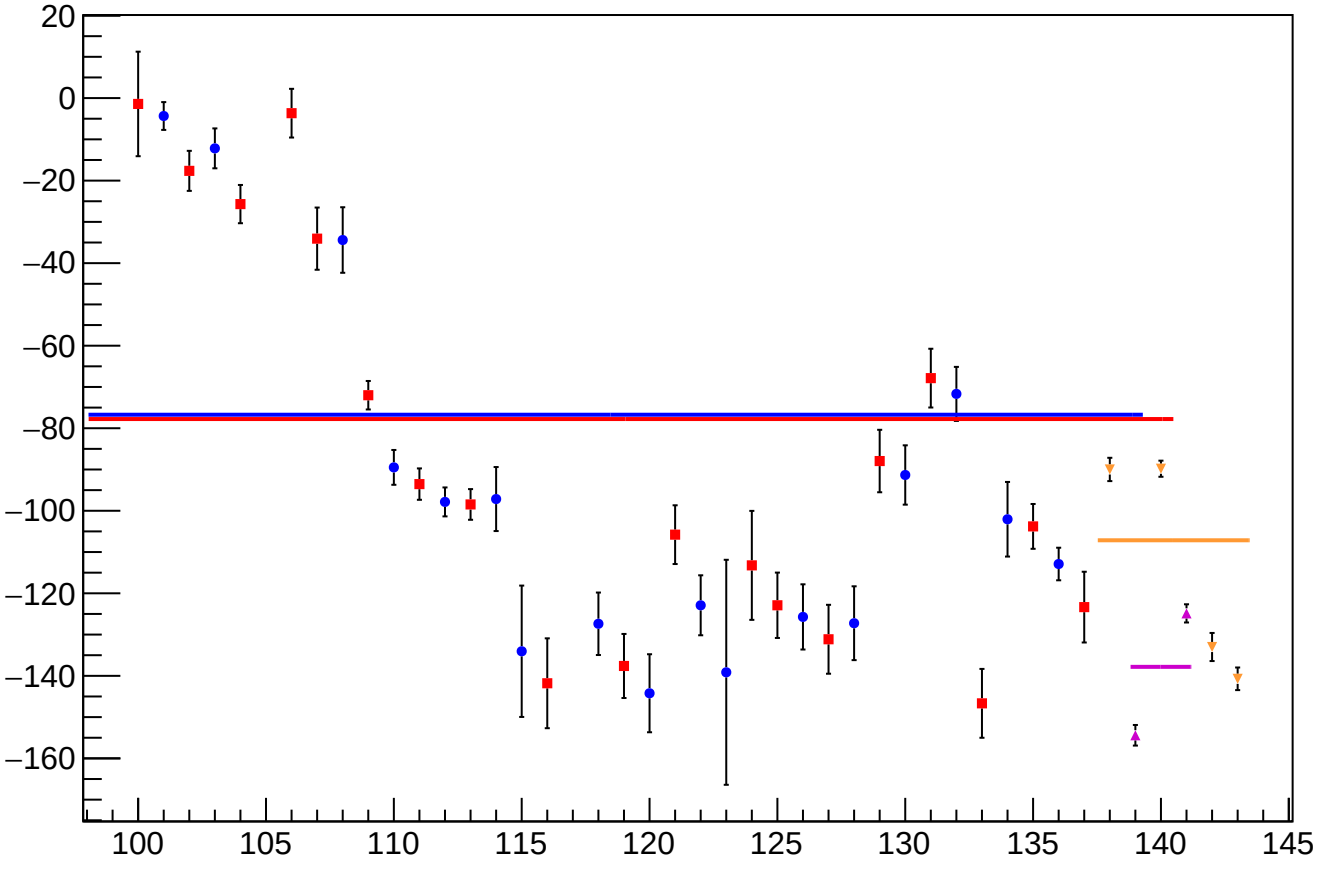
Left In: 36.525+/-1.395 χ^2/NDF:359.1/1

+ sign 30.257+/-0.606 χ^2/NDF: 1273.7/20

All: 30.098+/-0.458 χ^2/NDF: 2672.4/41

- sign 29.887+/-0.701 χ^2/NDF: 1398.5/20

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -107.152+/-1.283 χ^2/NDF:323.7/3

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

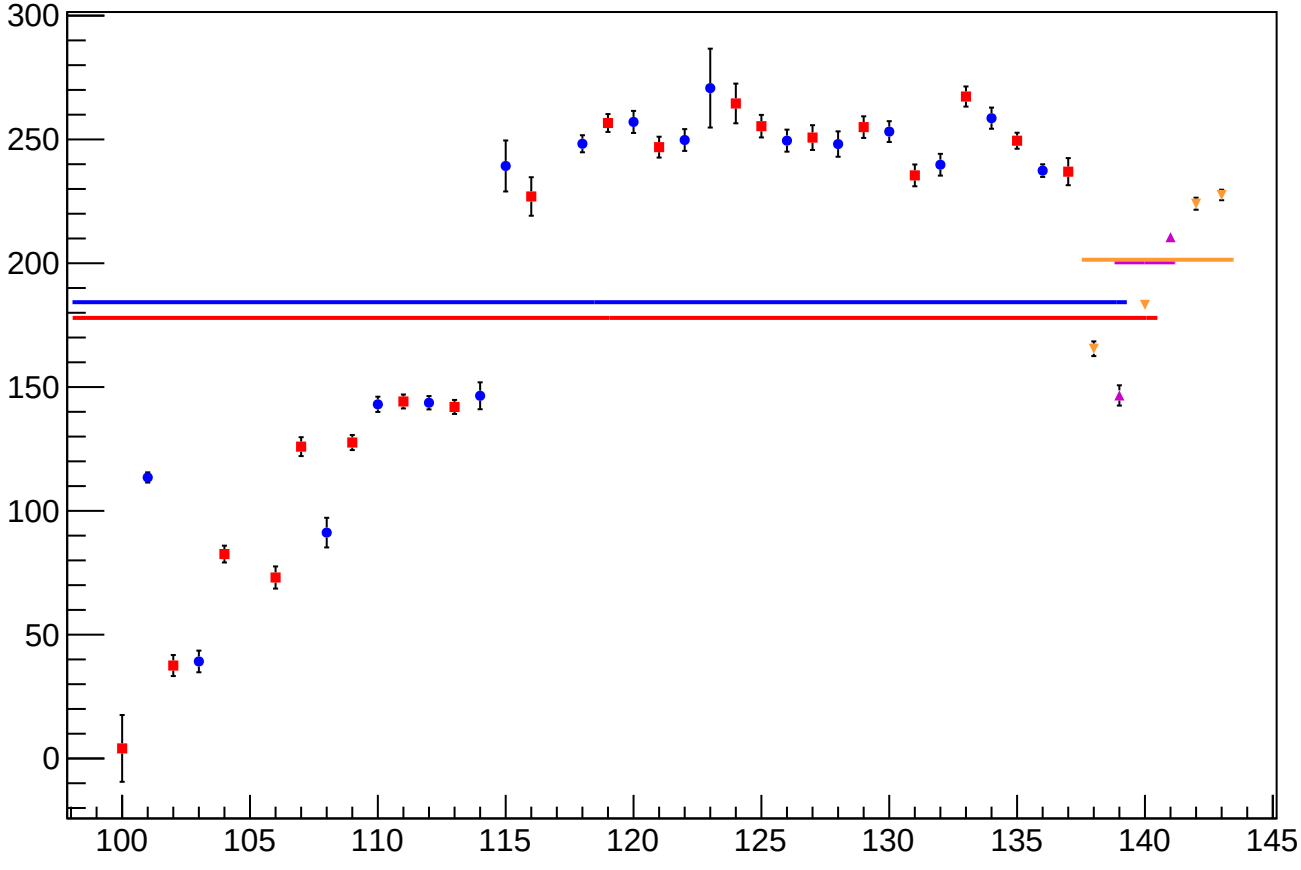
Left In: -137.819+/-1.653 χ^2/NDF:78.6/1

+ sign -93.394+/-0.950 χ^2/NDF: 1620.0/20

All: -97.209+/-0.703 χ^2/NDF: 3396.6/41

- sign -101.844+/-1.047 χ^2/NDF: 1740.8/20

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 201.416+/-1.112 χ^2/NDF:485.9/3

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

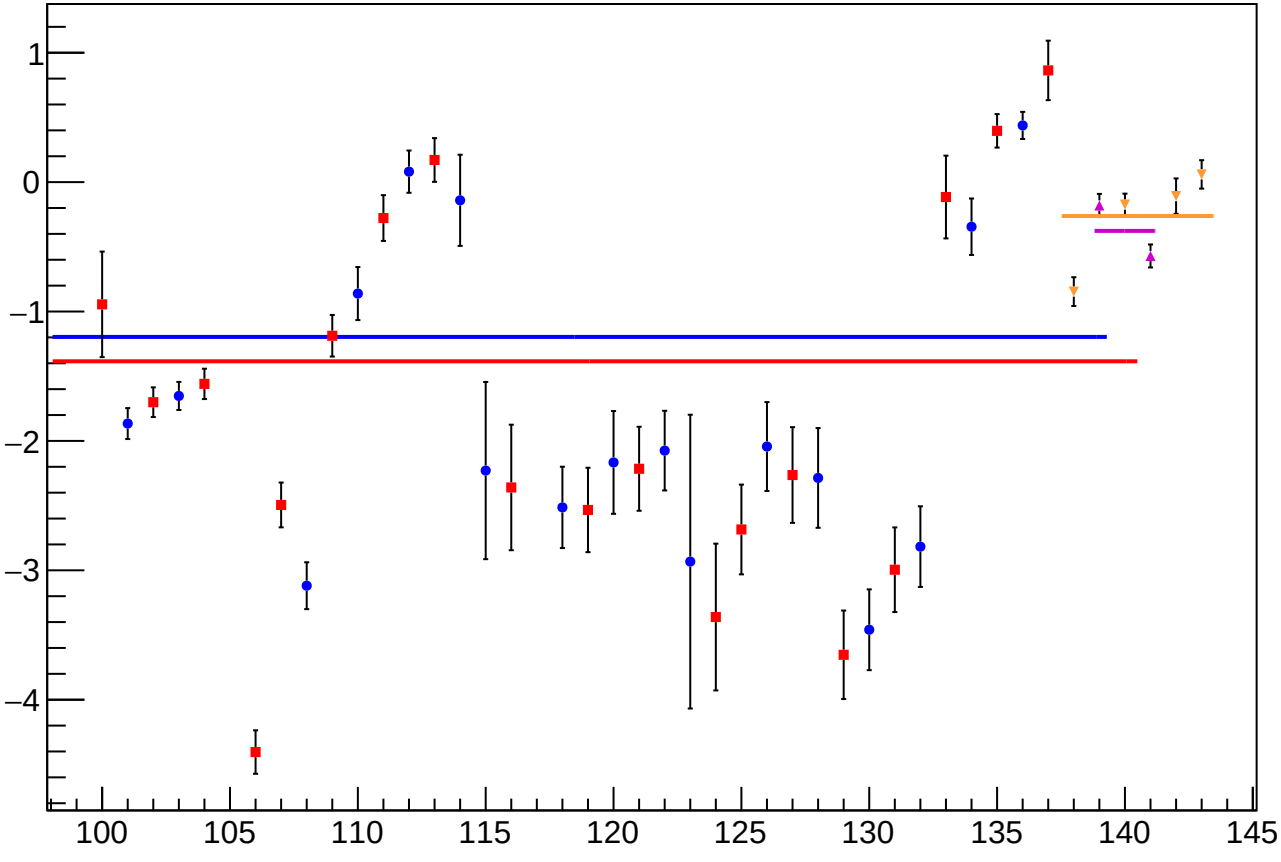
Left In: 200.373+/-1.630 χ^2/NDF:205.3/1

+ sign 191.184+/-0.706 χ^2/NDF: 6028.9/20

All: 187.789+/-0.530 χ^2/NDF: 12761.7/41

- sign 183.385+/-0.804 χ^2/NDF: 6679.7/20

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.262+/-0.053 χ^2/NDF:38.5/3

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

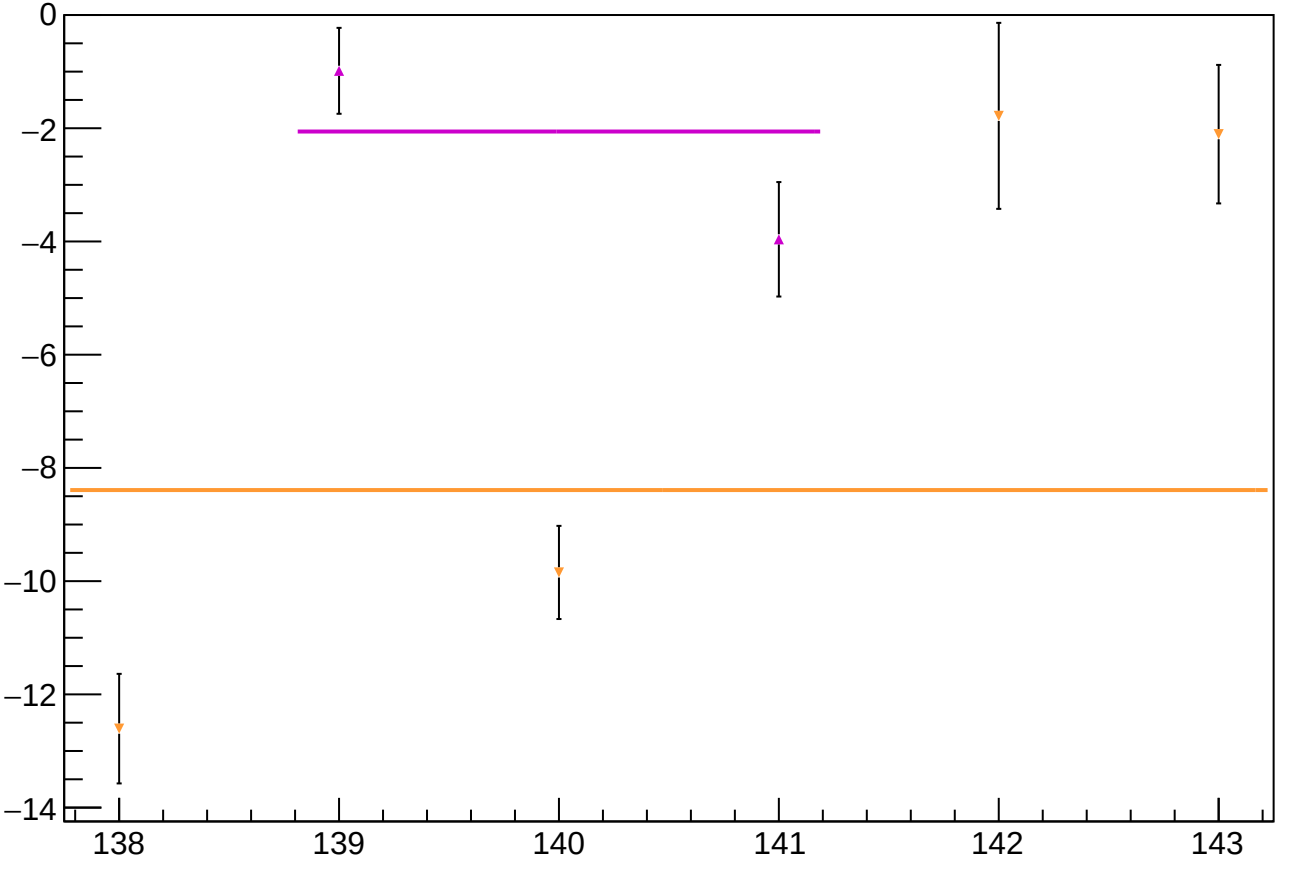
Left In: -0.377+/-0.063 χ^2/NDF:9.6/1

+ sign -0.774+/-0.036 χ^2/NDF: 832.2/20

All: -0.900+/-0.026 χ^2/NDF: 1959.7/41

- sign -1.037+/-0.037 χ^2/NDF: 1101.3/20

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -8.391+/-0.528 χ^2/NDF:64.7/3

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

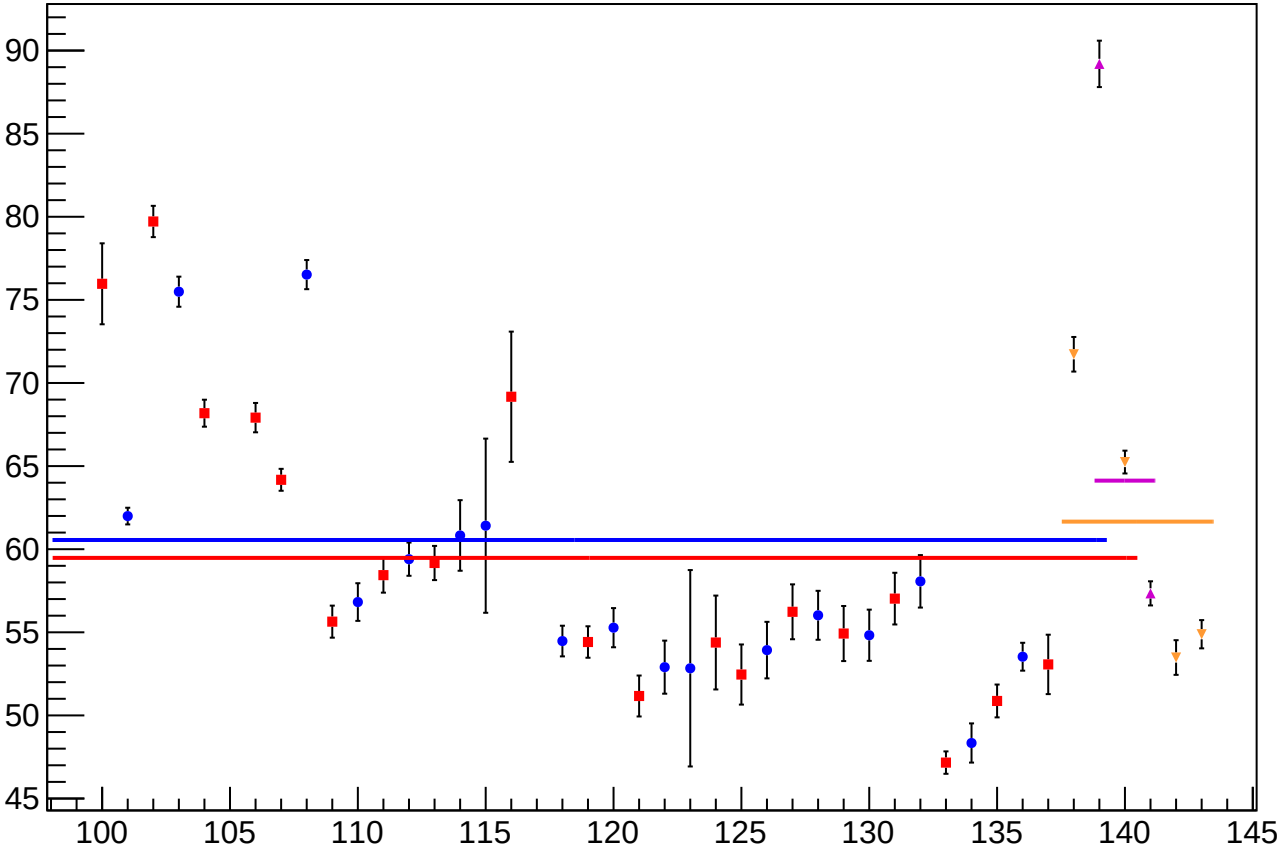
Left In: -2.058+/-0.607 χ^2/NDF:5.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.661+/-0.398 χ^2/NDF: 132.2/5

- 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: 61.659+/-0.432 χ^2/NDF:245.7/3

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

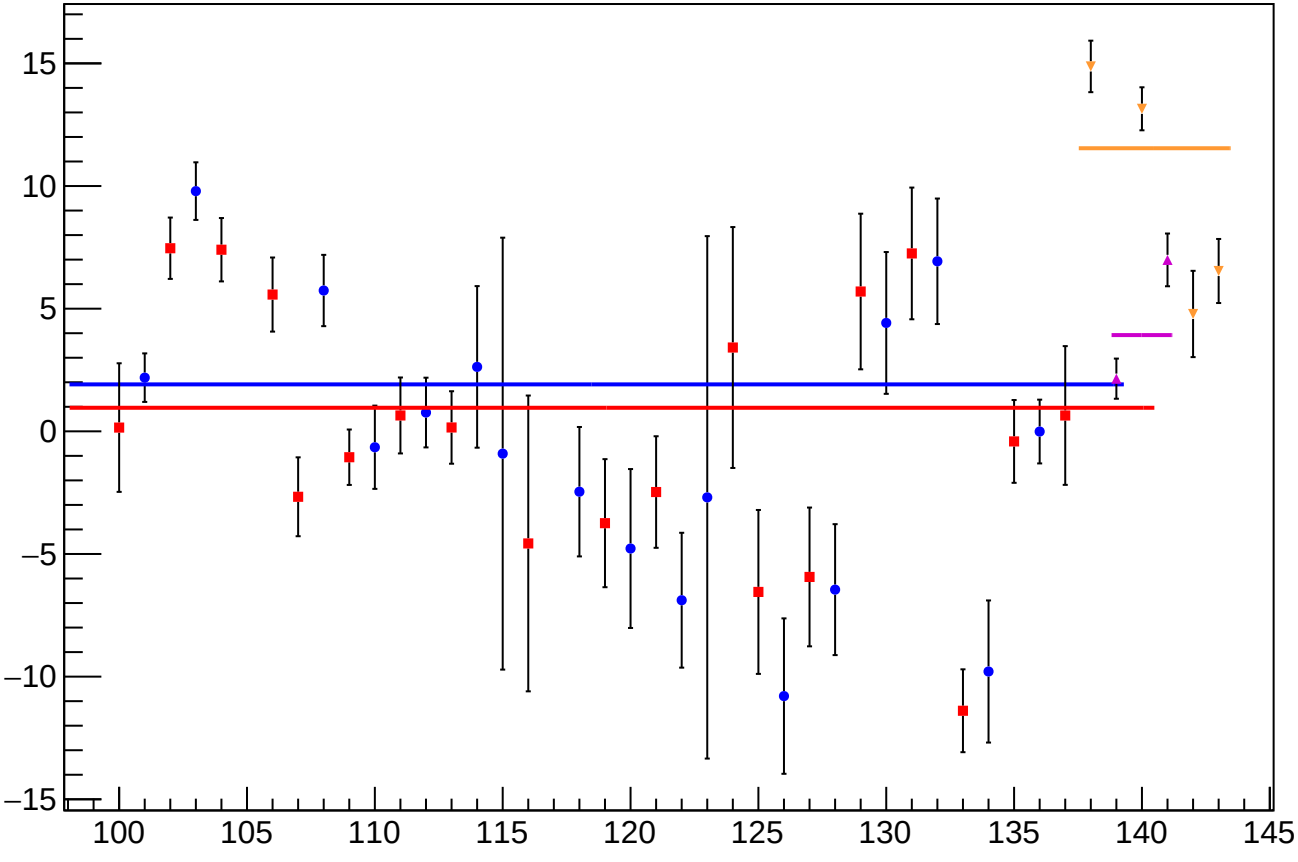
Left In: 64.125+/-0.644 χ^2/NDF:409.8/1

+ sign 60.850+/-0.224 χ^2/NDF: 1181.2/20

All: 60.476+/-0.161 χ^2/NDF: 2959.2/41

- sign 60.077+/-0.231 χ^2/NDF: 1772.1/20

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 11.540+/-0.566 χ^2/NDF:42.9/3

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

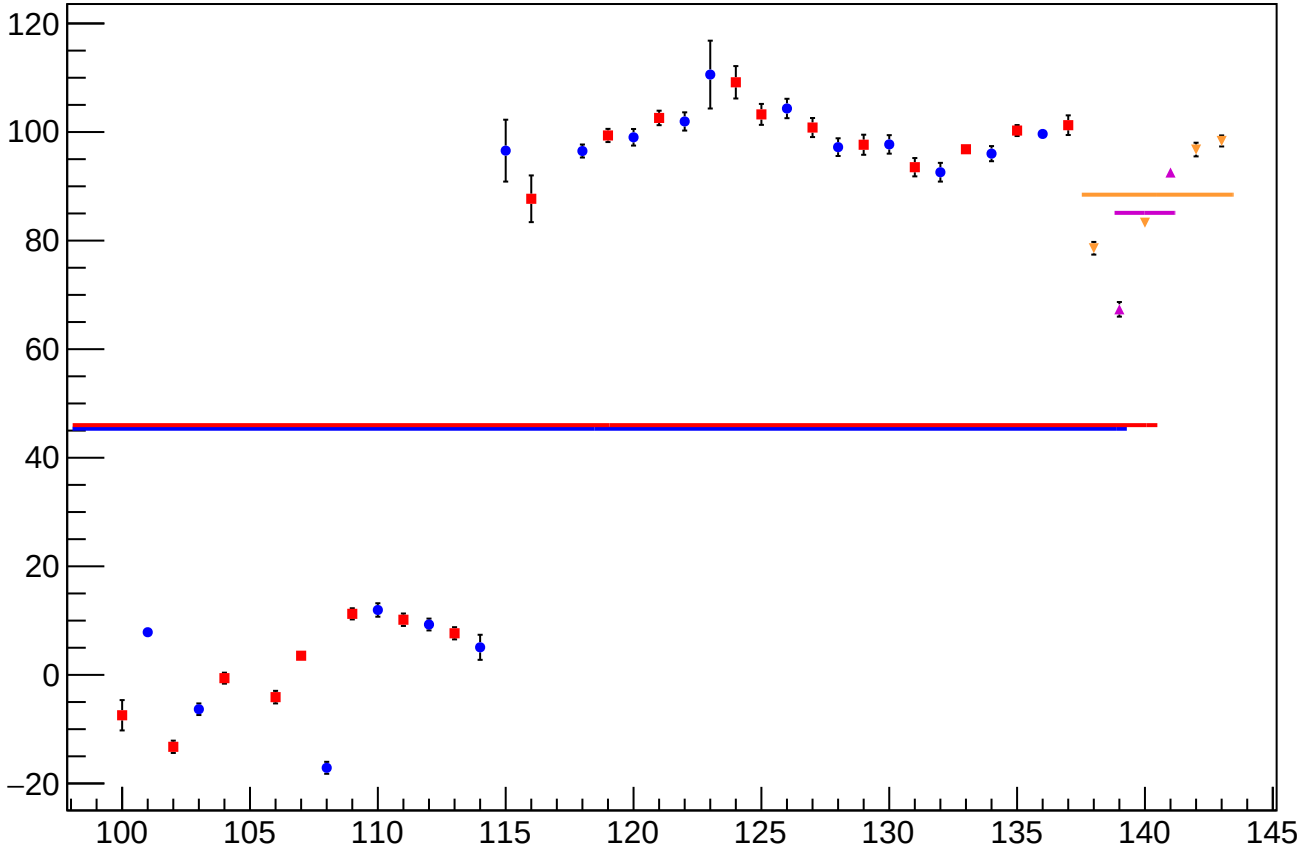
Left In: 3.924+/-0.651 χ^2/NDF:12.8/1

+ sign 5.718+/-0.356 χ^2/NDF: 339.3/20

All: 3.777+/-0.252 χ^2/NDF: 575.4/41

- sign 1.843+/-0.355 χ^2/NDF: 176.8/20

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 88.460+/-0.513 χ^2/NDF:248.8/3

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

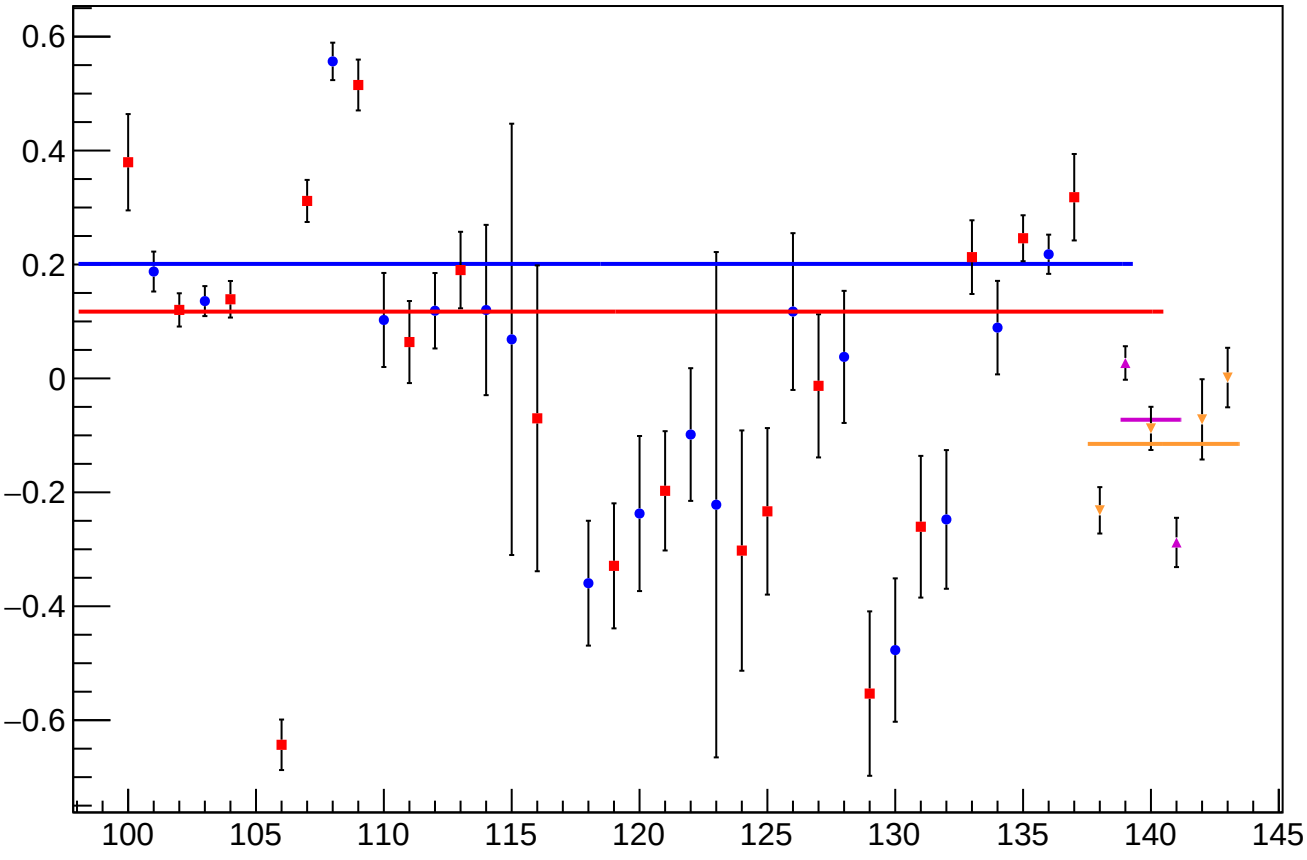
Left In: 85.111+/-0.731 χ^2/NDF:247.0/1

+ sign 56.504+/-0.261 χ^2/NDF: 30553.0/20

All: 53.984+/-0.187 χ^2/NDF: 61685.2/41

- sign 51.306+/-0.269 χ^2/NDF: 30940.0/20

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.115+/-0.023 χ^2/NDF:14.1/3

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

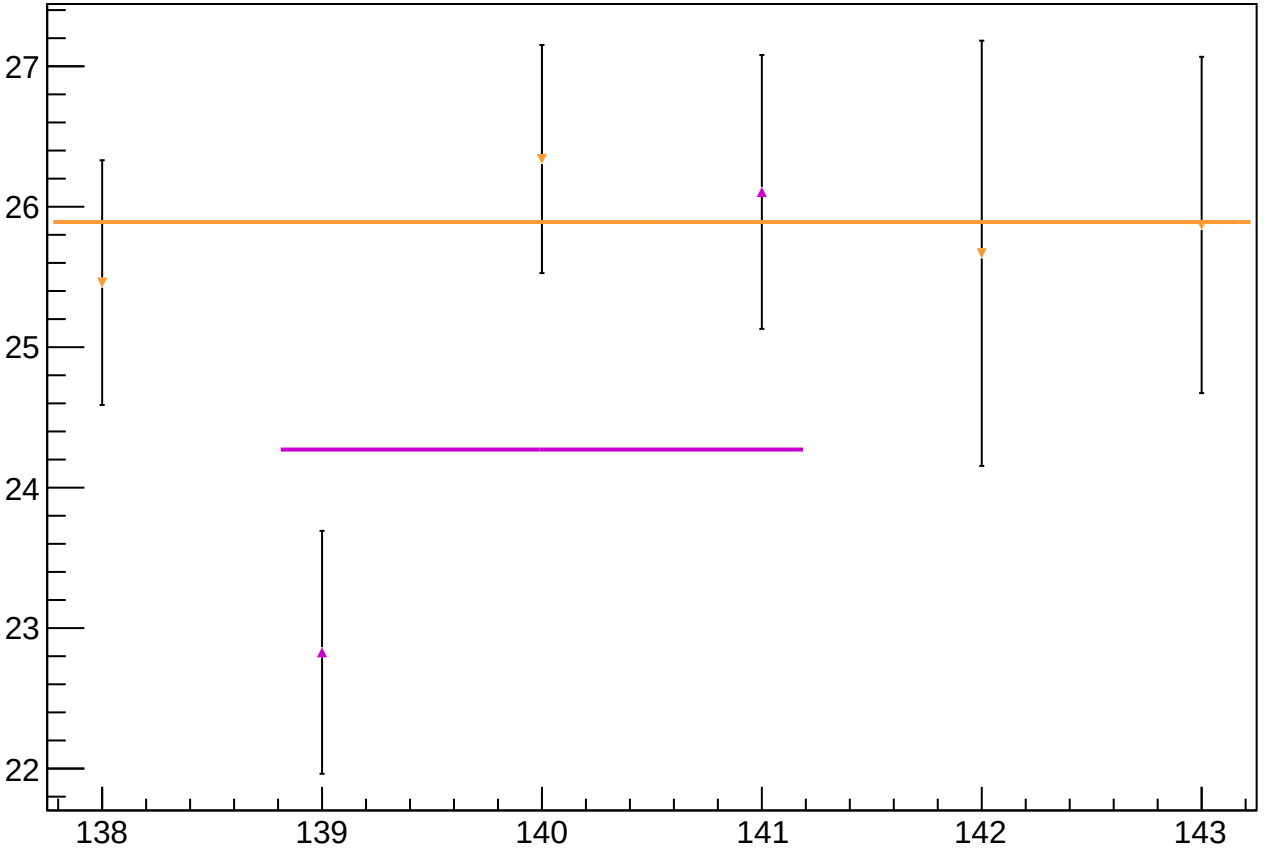
Left In: -0.073+/-0.024 χ^2/NDF:36.3/1

+ sign 0.116+/-0.012 χ^2/NDF: 368.2/20

All: 0.095+/-0.008 χ^2/NDF: 958.0/41

- sign 0.075+/-0.011 χ^2/NDF: 583.7/20

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 25.891+/-0.502 χ^2/NDF:0.6/3

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

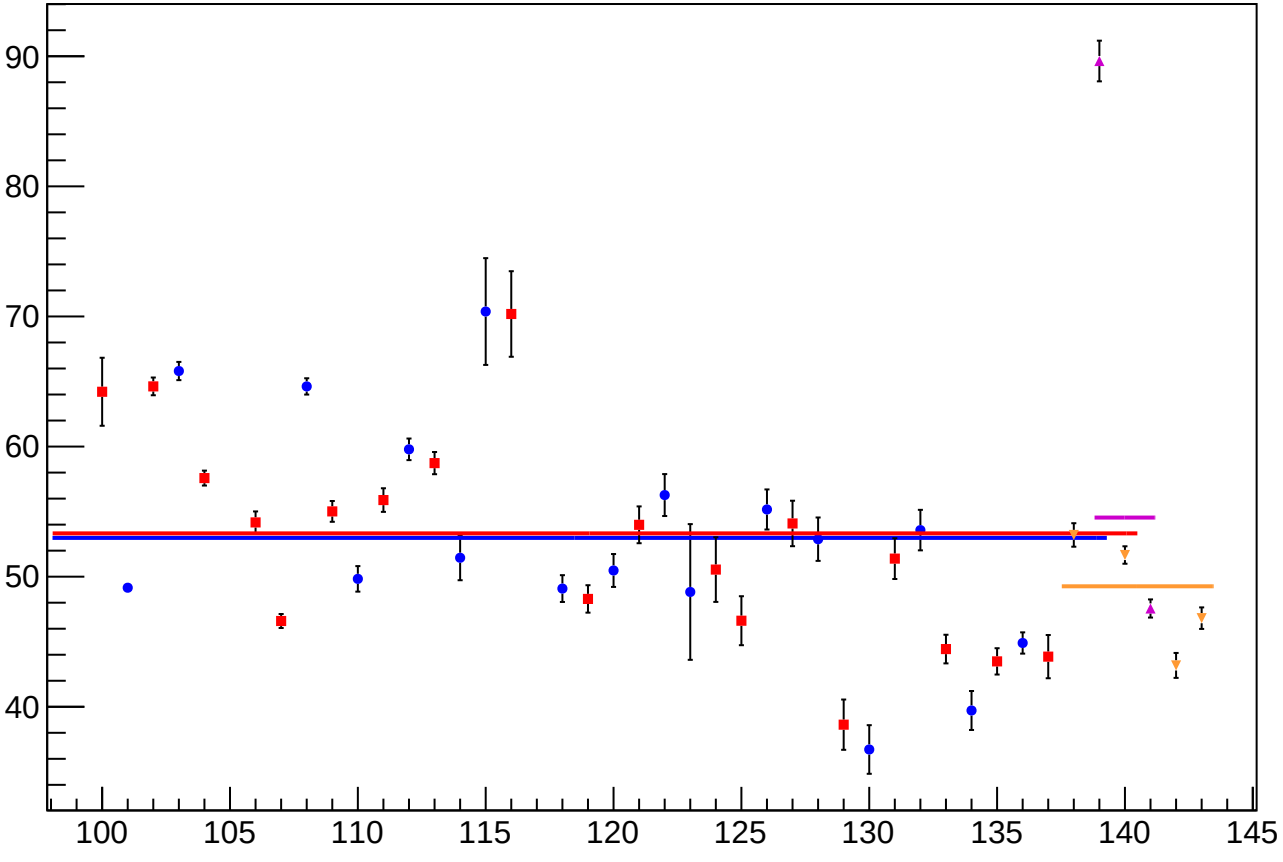
Left In: 24.271+/-0.647 χ^2/NDF:6.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 25.282+/-0.397 χ^2/NDF: 10.8/5

- 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: 49.260+/-0.408 χ^2/NDF:81.0/3

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

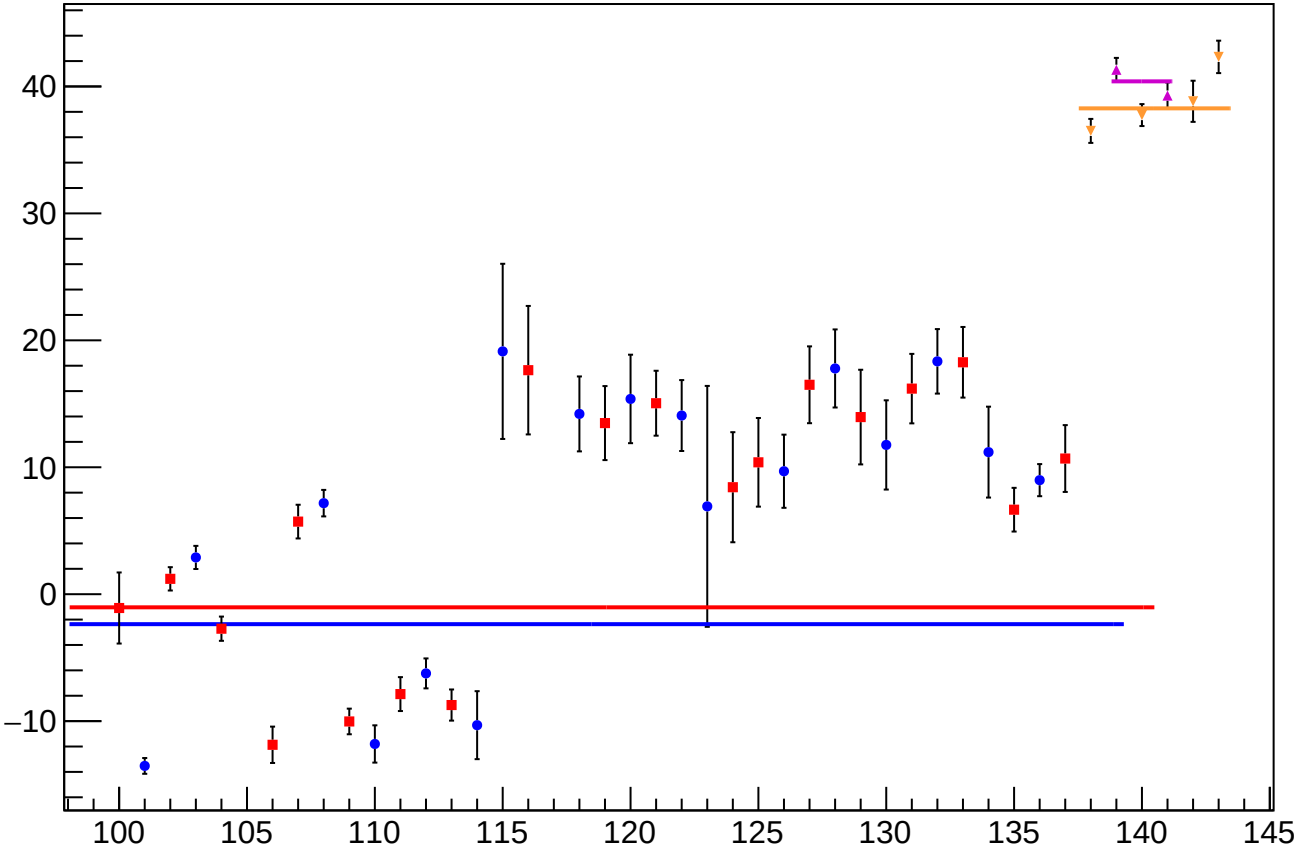
Left In: 54.543+/-0.637 χ^2/NDF:604.3/1

+ sign 52.202+/-0.187 χ^2/NDF: 1344.4/20

All: 52.749+/-0.141 χ^2/NDF: 2844.4/41

- sign 53.464+/-0.214 χ^2/NDF: 1480.2/20

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 38.275+/-0.538 χ^2/NDF:14.1/3

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

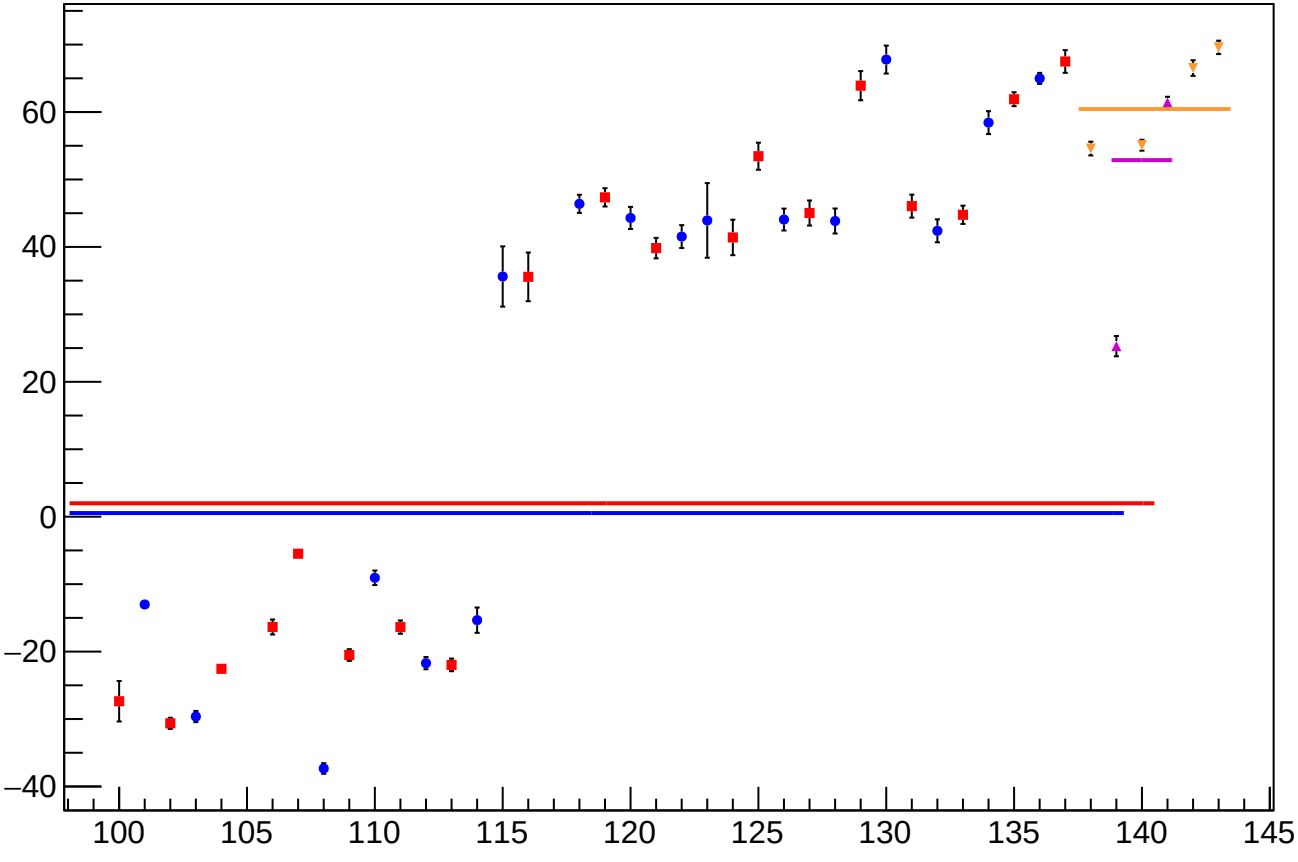
Left In: 40.402+/-0.695 χ^2/NDF:2.1/1

+ sign 10.378+/-0.301 χ^2/NDF: 4765.7/20

All: 9.476+/-0.223 χ^2/NDF: 8043.2/41

- sign 8.386+/-0.331 χ^2/NDF: 3257.7/20

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 60.445+/-0.485 χ^2/NDF:189.3/3

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

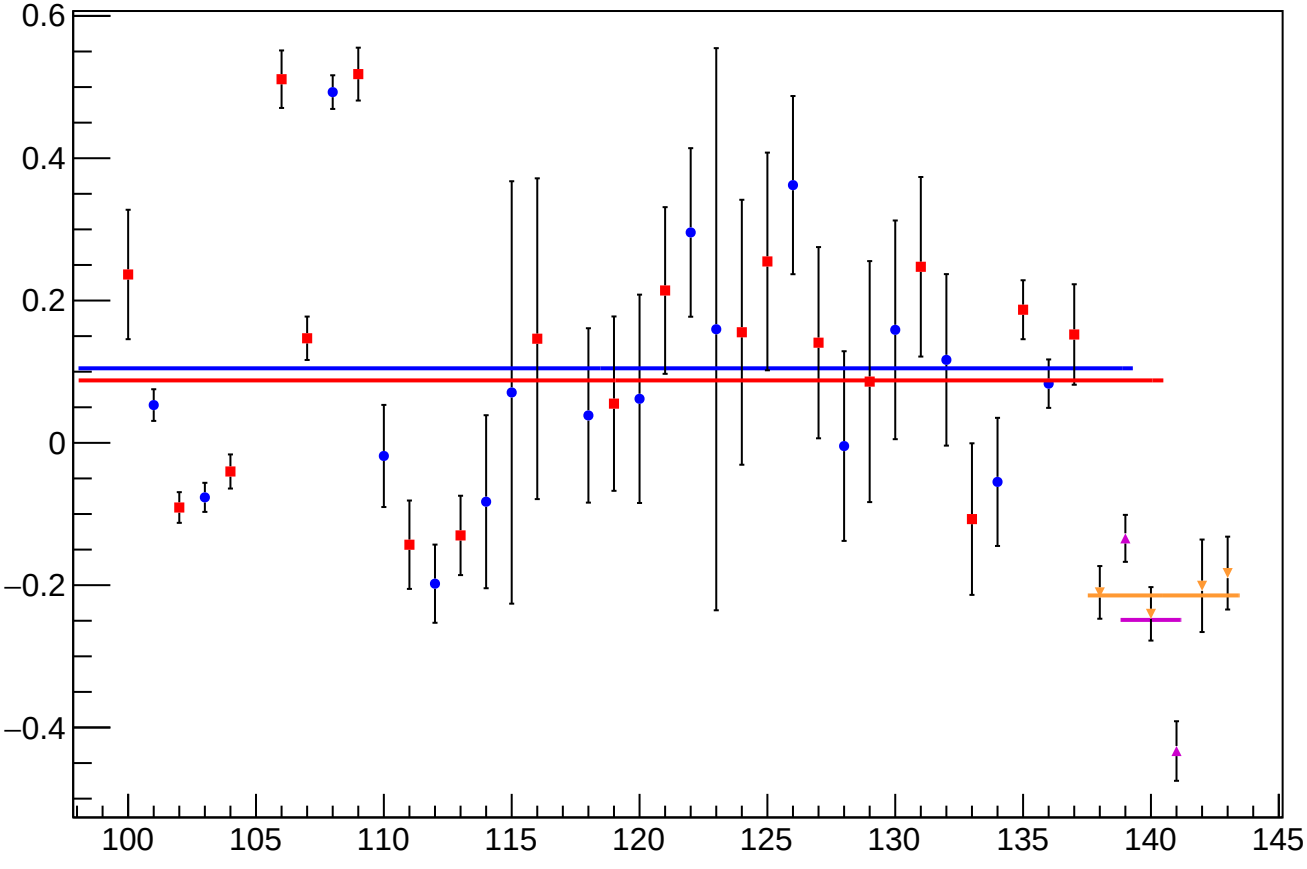
Left In: 52.869+/-0.732 χ^2/NDF:439.8/1

+ sign 12.839+/-0.220 χ^2/NDF: 30716.9/20

All: 10.706+/-0.165 χ^2/NDF: 51110.8/41

- sign 7.939+/-0.250 χ^2/NDF: 20177.8/20

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.214+/-0.022 χ^2/NDF:0.9/3

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

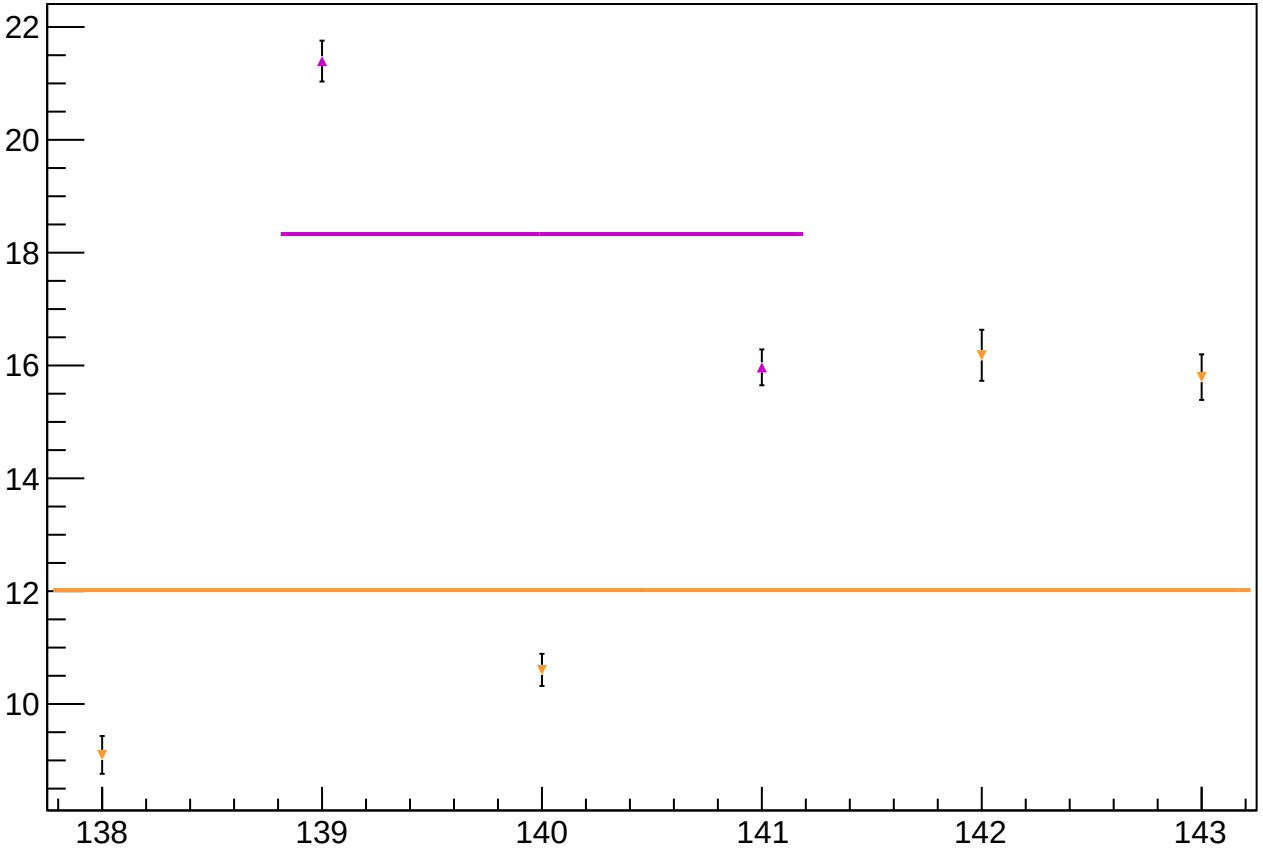
Left In: -0.249+/-0.026 χ^2/NDF:31.4/1

+ sign 0.041+/-0.010 χ^2/NDF: 569.2/20

All: 0.039+/-0.007 χ^2/NDF: 1134.6/41

- sign 0.036+/-0.010 χ^2/NDF: 565.3/20

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 12.020+/-0.176 χ^2/NDF:272.8/3

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

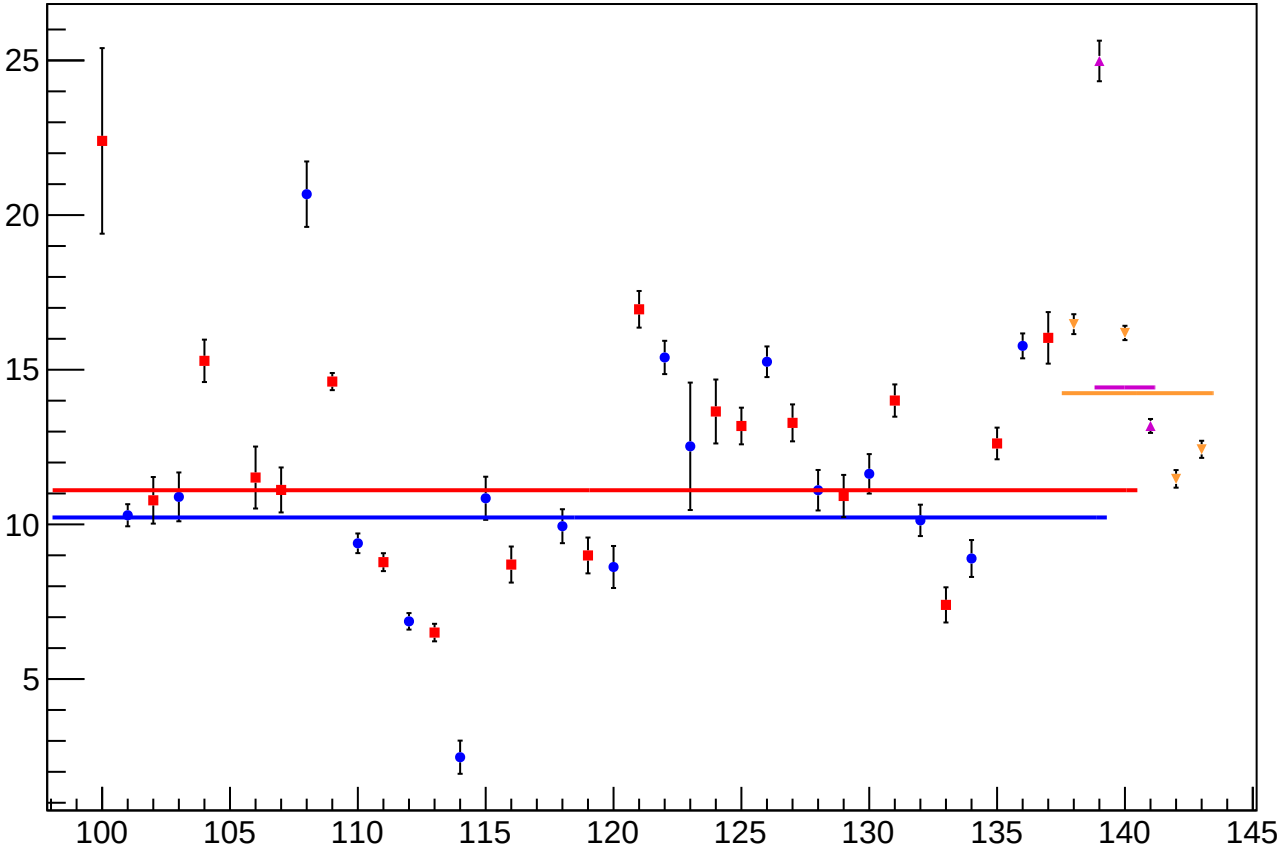
Left In: 18.331+/-0.239 χ^2/NDF:126.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 14.242+/-0.142 χ^2/NDF: 851.9/5

- 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: 14.242+/-0.136 χ^2/NDF:256.7/3

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

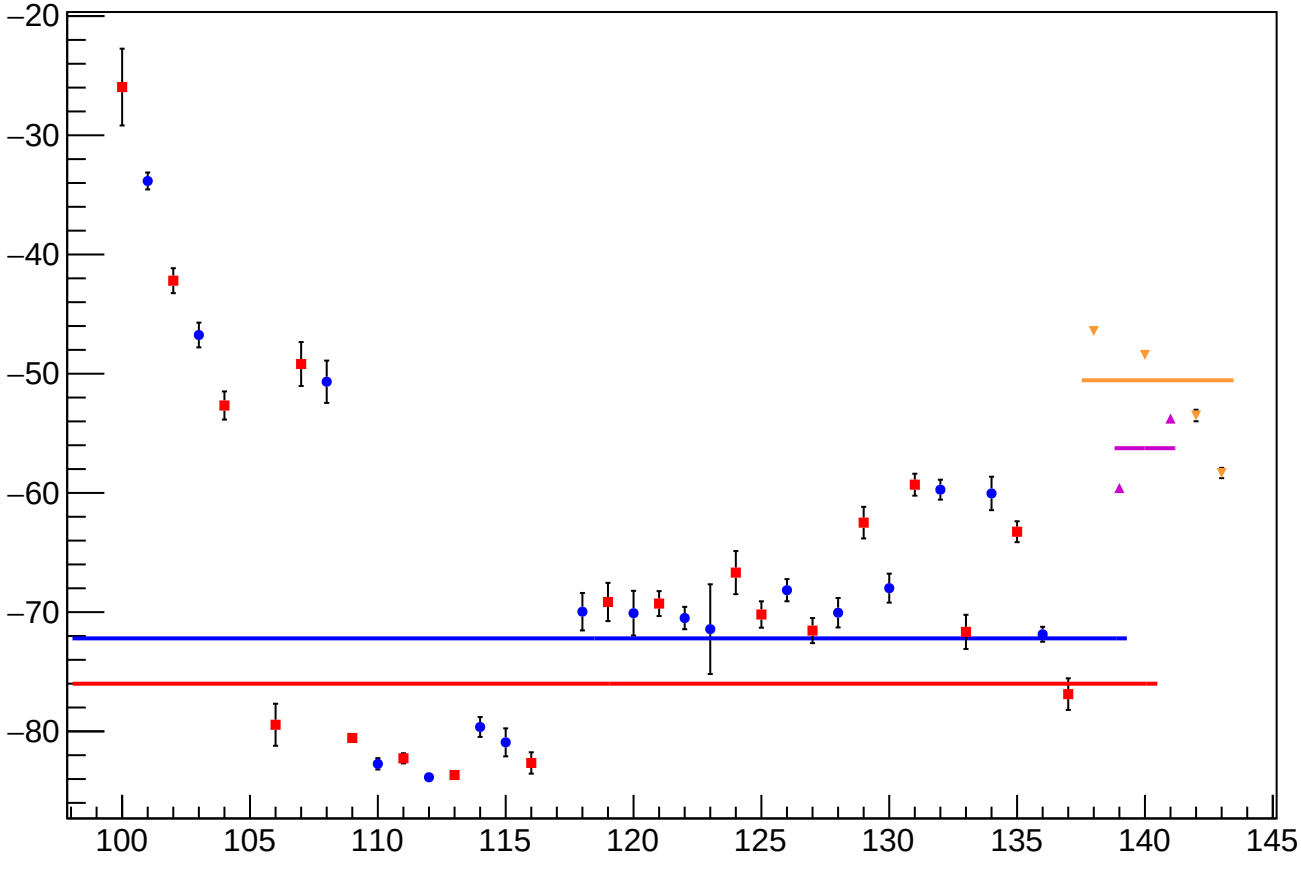
Left In: 14.428+/-0.213 χ^2/NDF:289.5/1

+ sign 11.959+/-0.090 χ^2/NDF: 1627.3/20

All: 11.919+/-0.067 χ^2/NDF: 2921.8/41

- sign 11.868+/-0.102 χ^2/NDF: 1294.1/20

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -50.551+/-0.189 χ^2/NDF:542.0/3

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

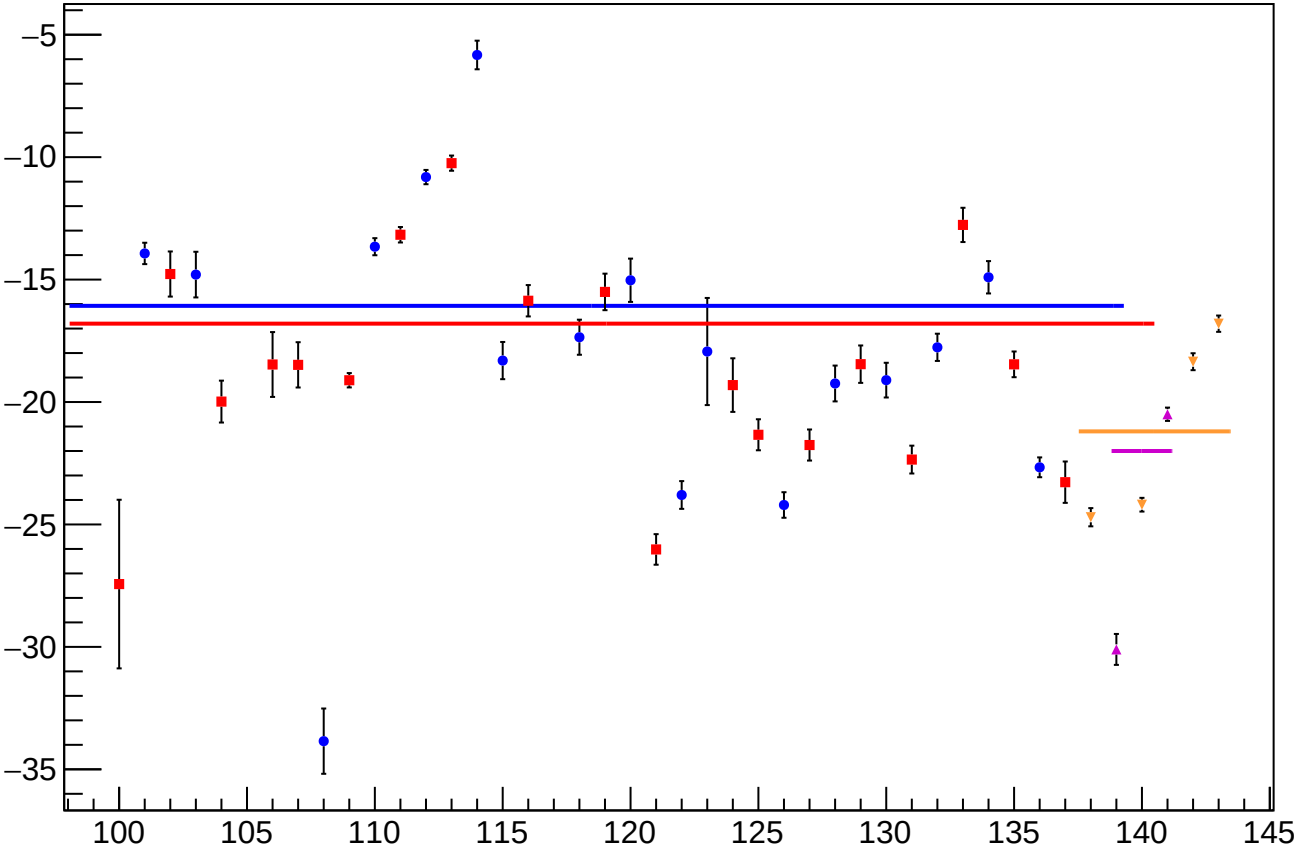
Left In: -56.247+/-0.256 χ^2/NDF:126.8/1

+ sign -60.871+/-0.136 χ^2/NDF: 12385.2/20

All: -64.807+/-0.100 χ^2/NDF: 21756.3/41

- sign -69.420+/-0.148 χ^2/NDF: 7564.6/20

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -21.199+/-0.164 χ^2/NDF:445.2/3

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

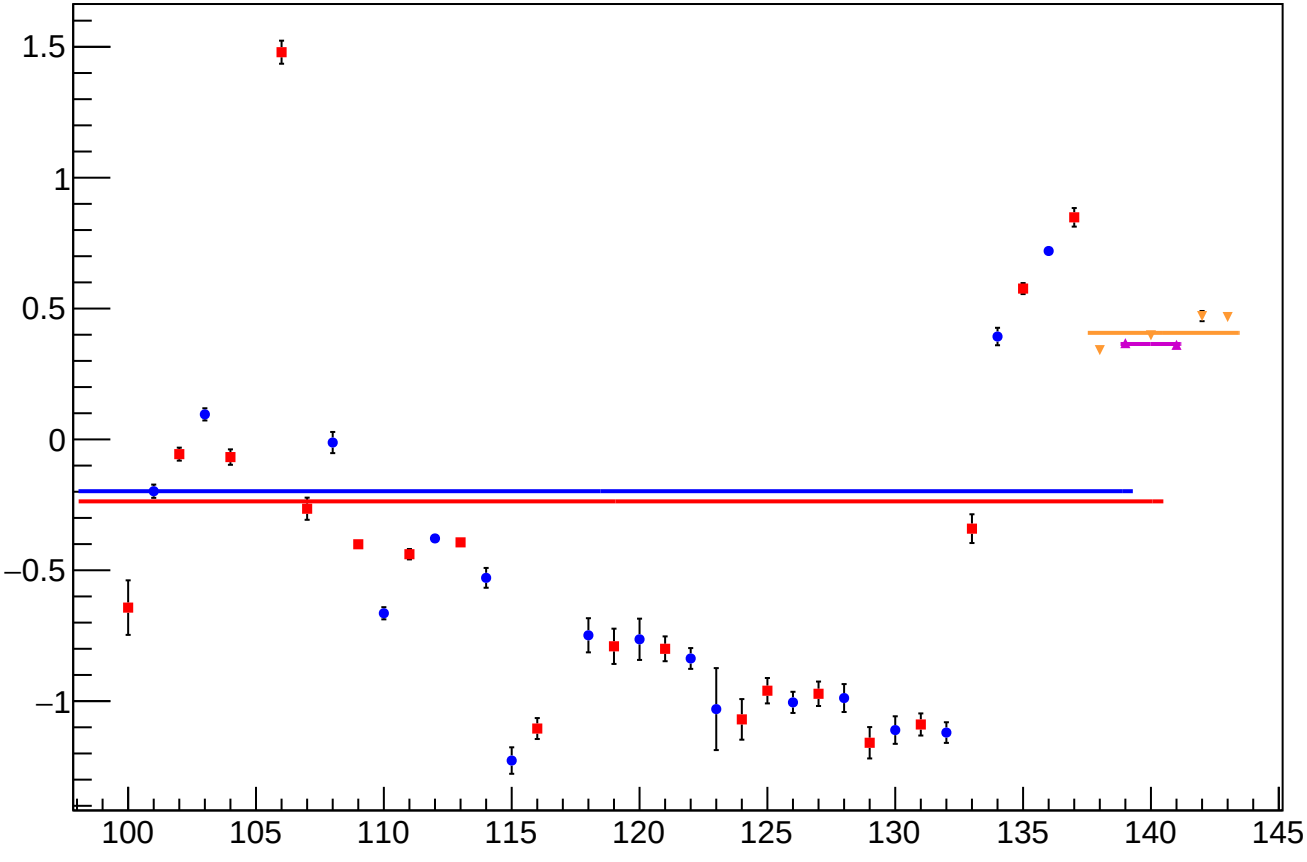
Left In: -22.000+/-0.250 χ^2/NDF:195.0/1

+ sign -18.096+/-0.103 χ^2/NDF: 2680.5/20

All: -18.000+/-0.076 χ^2/NDF: 4436.4/41

- sign -17.883+/-0.114 χ^2/NDF: 1754.1/20

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.407+/-0.008 χ^2/NDF:44.5/3

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

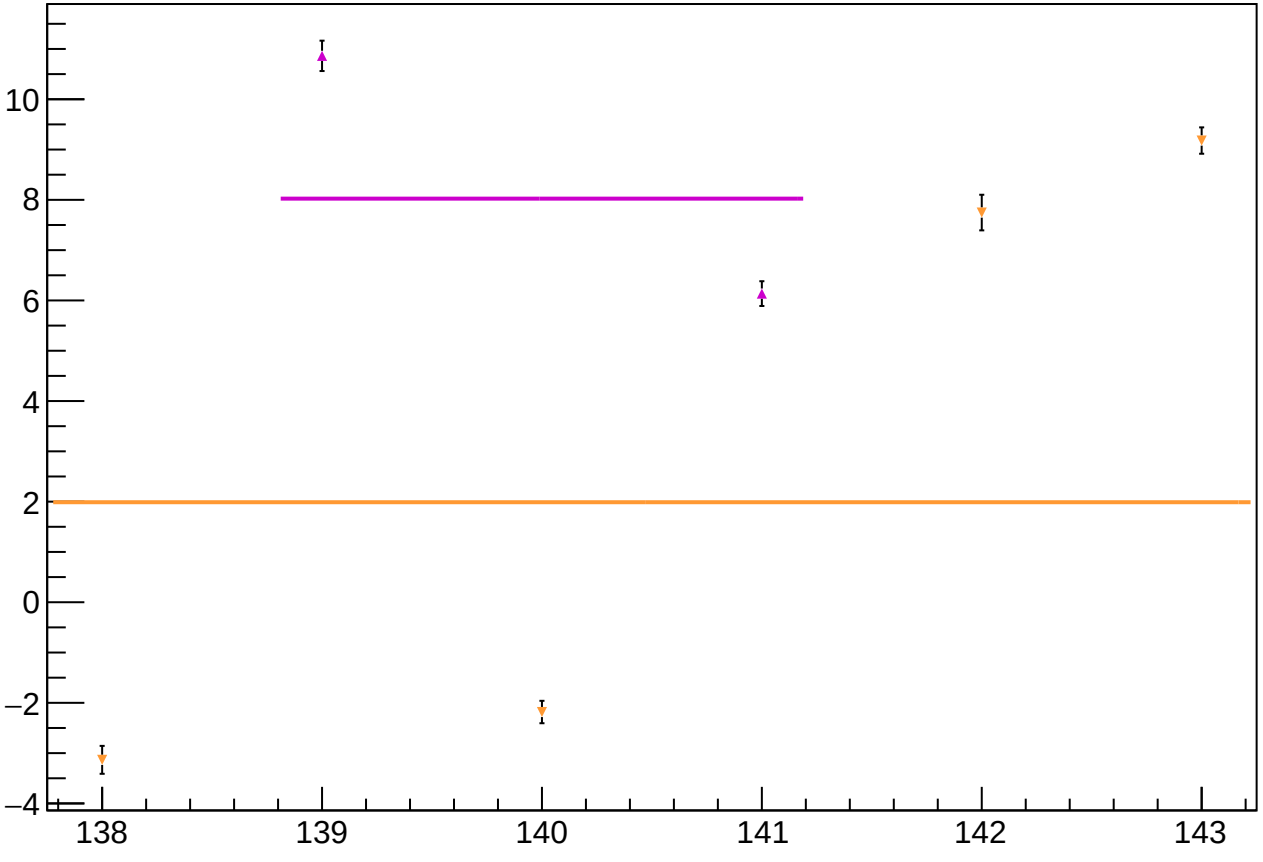
Left In: 0.365+/-0.010 χ^2/NDF:0.1/1

+ sign 0.095+/-0.005 χ^2/NDF: 9498.5/20

All: 0.039+/-0.004 χ^2/NDF: 18425.5/41

- sign -0.025+/-0.006 χ^2/NDF: 8699.1/20

reg_asym_sam8_diff_bpm1X_slope vs Slug



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

Left Out: 1.988+/-0.134 χ^2/NDF:1708.3/3

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

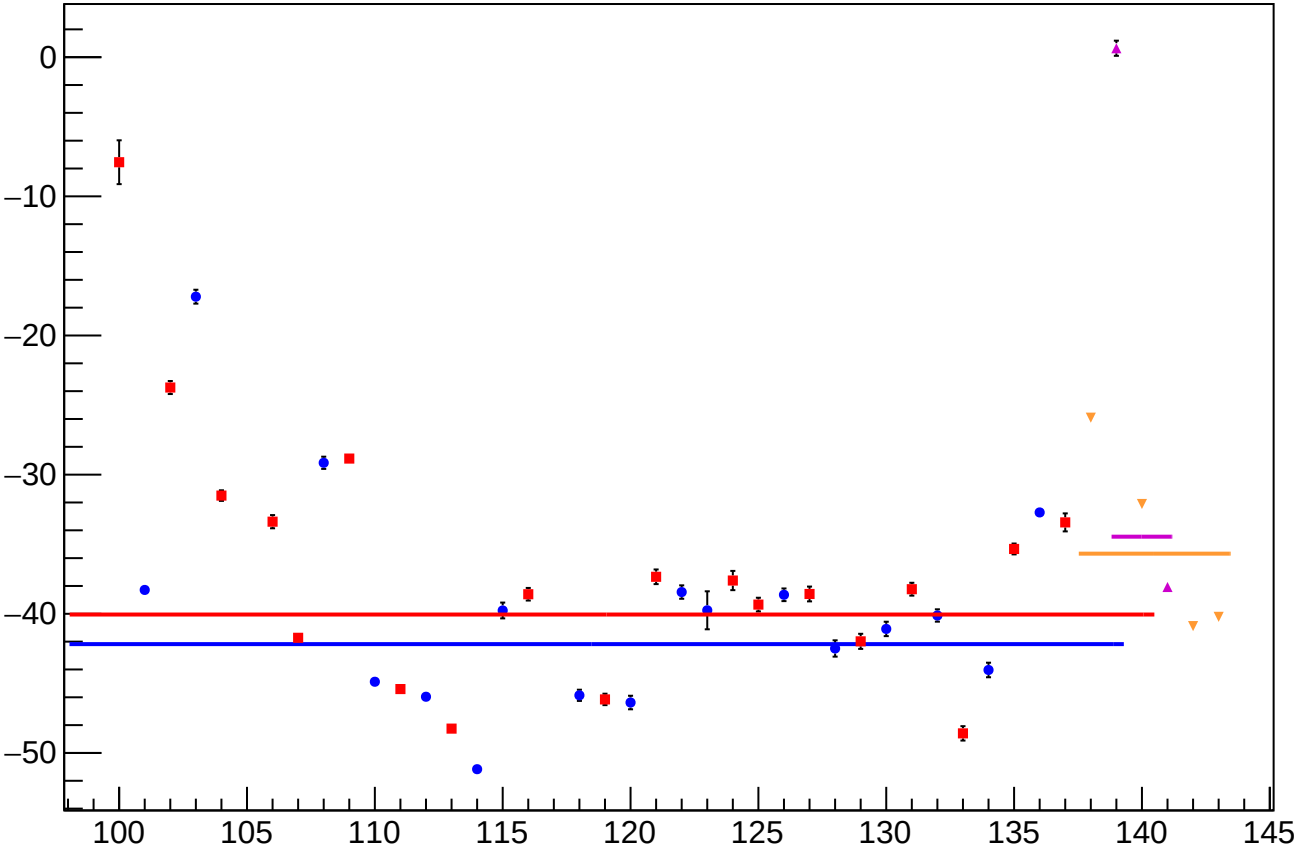
Left In: 8.024+/-0.191 χ^2/NDF:147.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.983+/-0.110 χ^2/NDF: 2525.8/5

- 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: -35.678+/-0.103 χ^2/NDF:2882.1/3

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

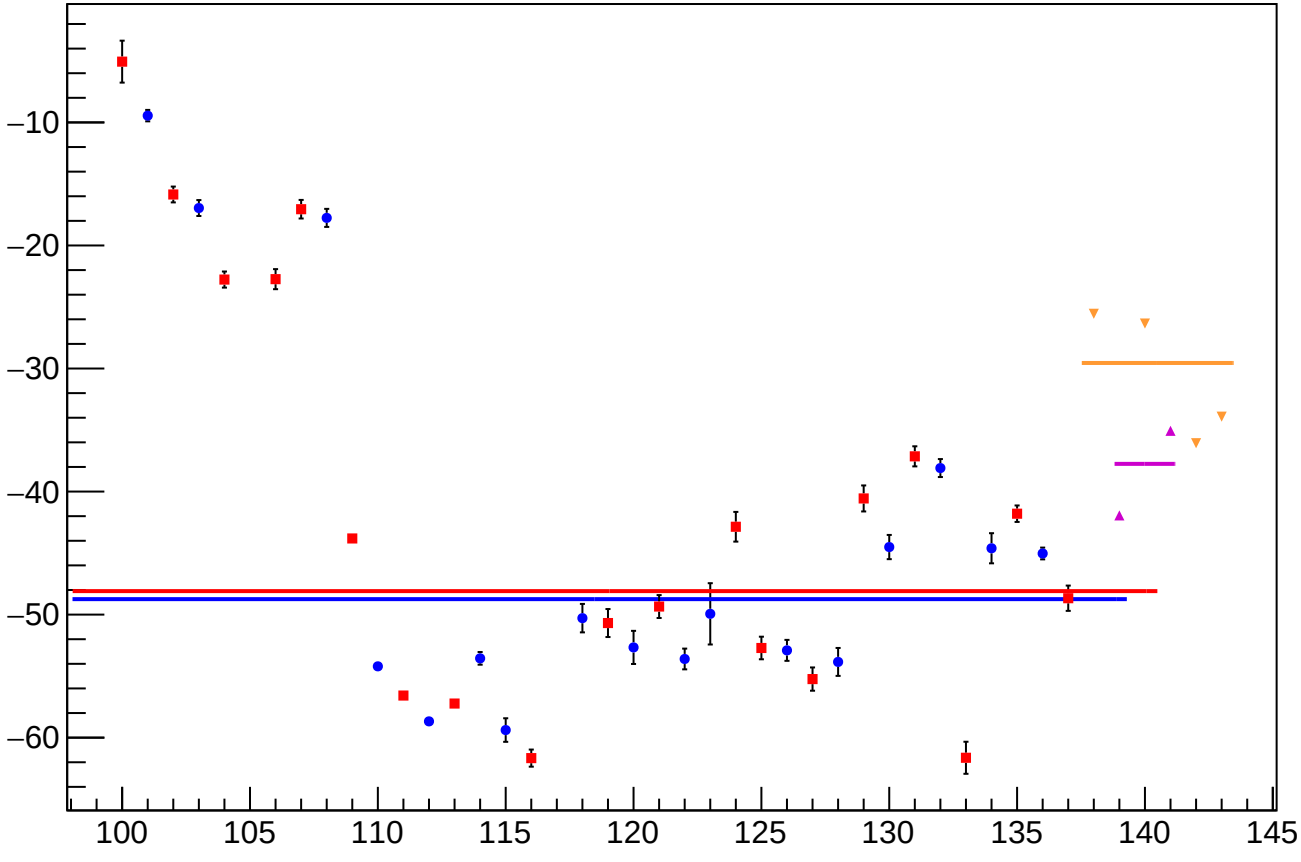
Left In: -34.458+/-0.166 χ^2/NDF:4581.9/1

+ sign -39.806+/-0.062 χ^2/NDF: 12006.8/20

All: -39.504+/-0.045 χ^2/NDF: 28901.9/41

- sign -39.154+/-0.067 χ^2/NDF: 16843.8/20

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -29.549+/-0.143 χ^2/NDF:898.6/3

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

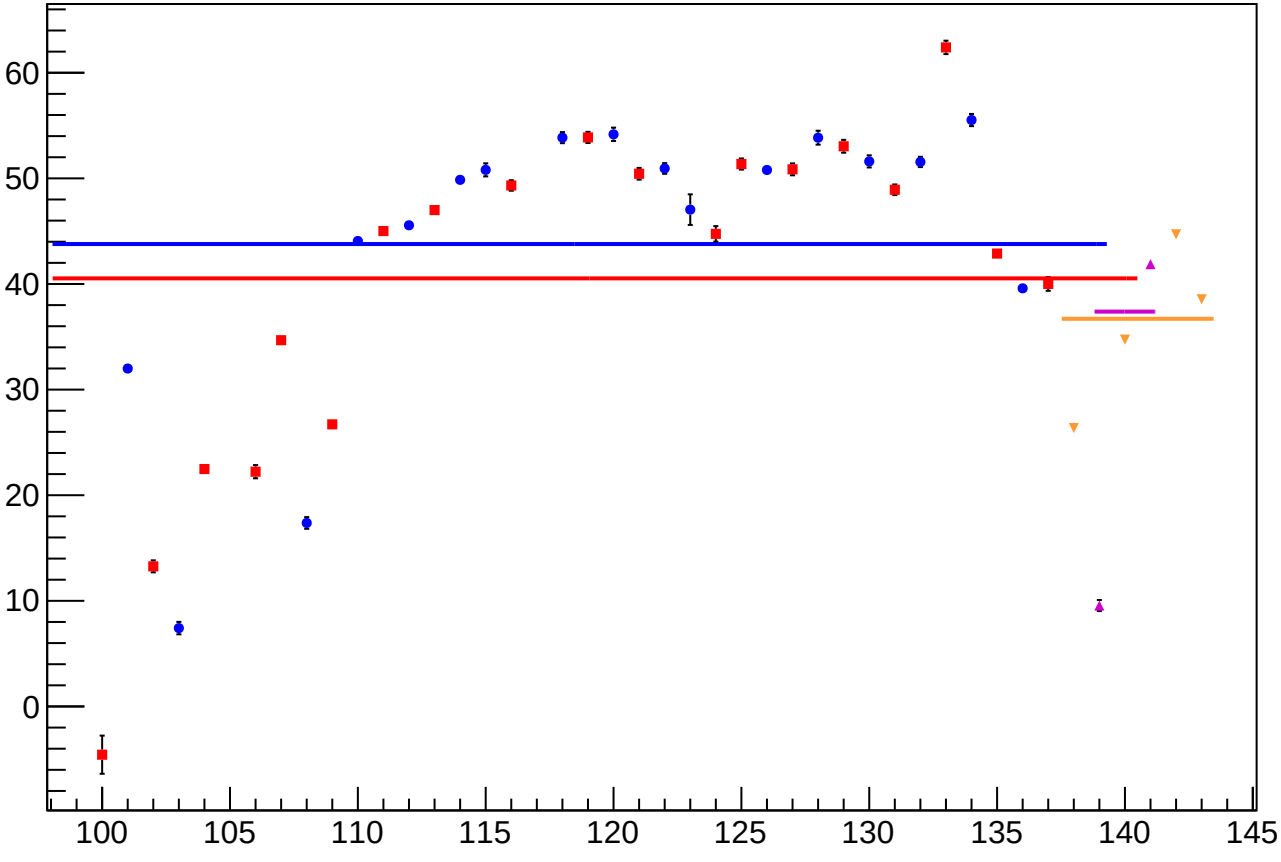
Left In: -37.749+/-0.204 χ^2/NDF:269.5/1

+ sign -40.505+/-0.094 χ^2/NDF: 25770.4/20

All: -43.155+/-0.067 χ^2/NDF: 41385.4/41

- sign -45.858+/-0.095 χ^2/NDF: 14009.6/20

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 36.705+/-0.123 χ^2/NDF:2132.9/3

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

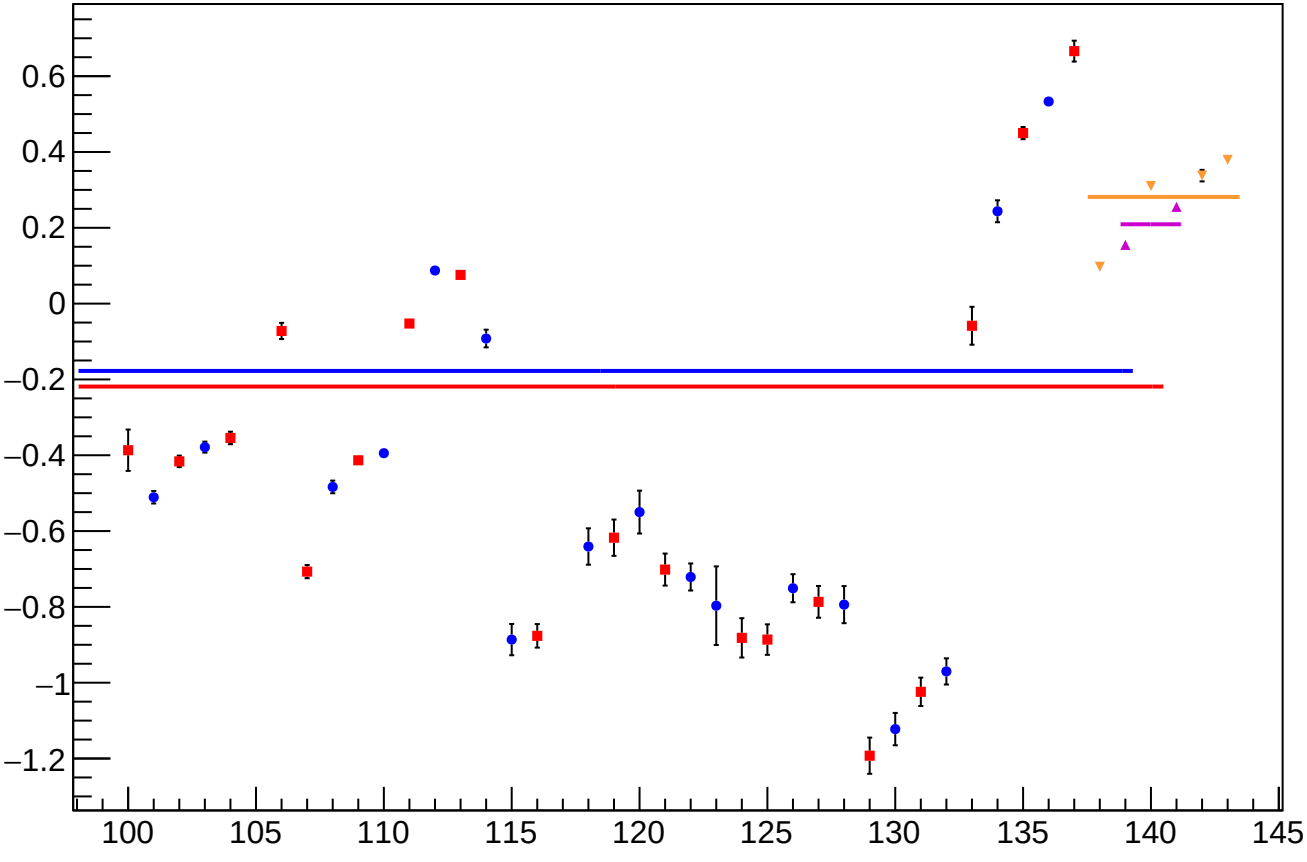
Left In: 37.384+/-0.195 χ^2/NDF:3272.3/1

+ sign 41.433+/-0.071 χ^2/NDF: 14986.6/20

All: 40.787+/-0.051 χ^2/NDF: 36236.3/41

- sign 40.077+/-0.074 χ^2/NDF: 21074.8/20

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.281+/-0.006 χ^2/NDF:335.1/3

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

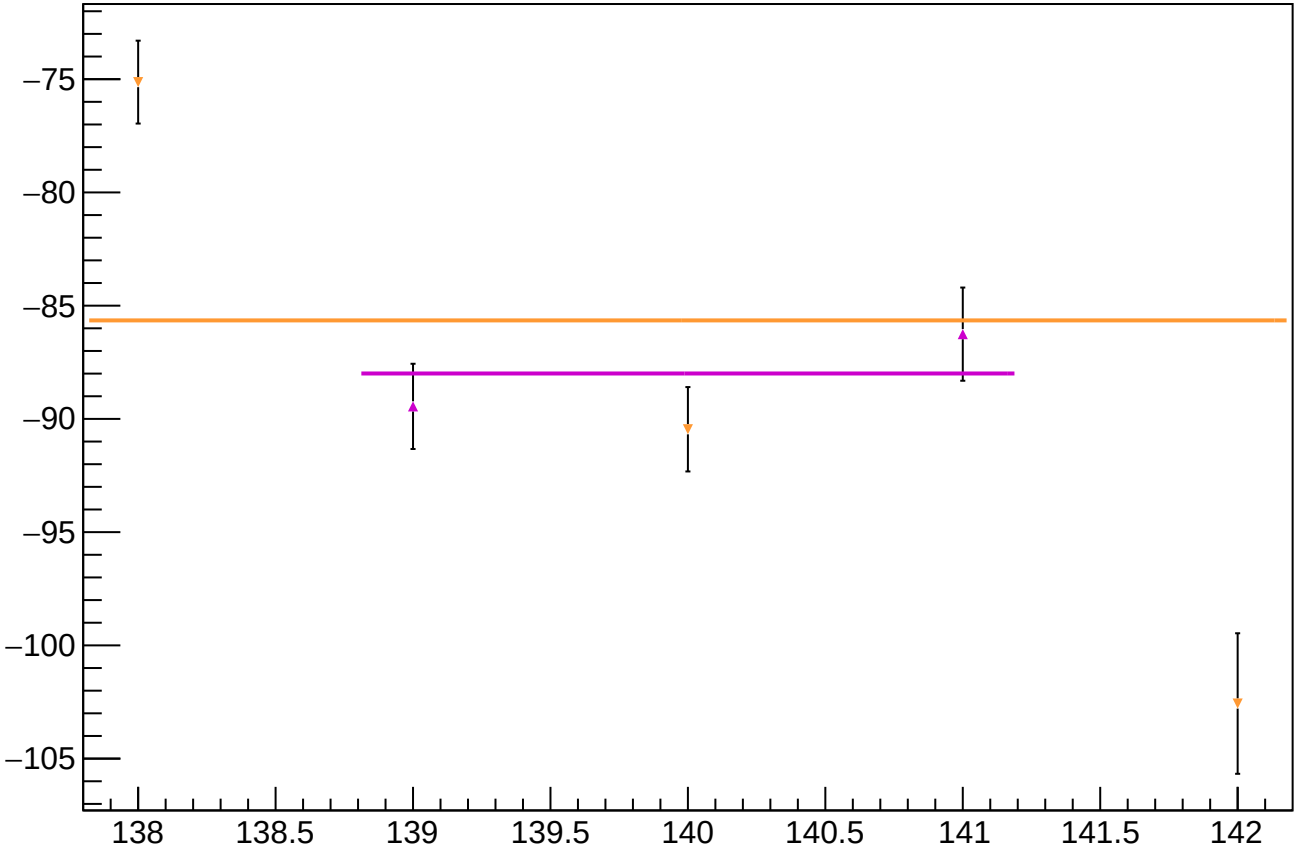
Left In: 0.209+/-0.008 χ^2/NDF:41.3/1

+ sign 0.007+/-0.004 χ^2/NDF: 11324.1/20

All: -0.056+/-0.003 χ^2/NDF: 21710.8/41

- sign -0.119+/-0.004 χ^2/NDF: 9831.1/20

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -85.651+/-1.203 χ^2/NDF:69.4/2

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

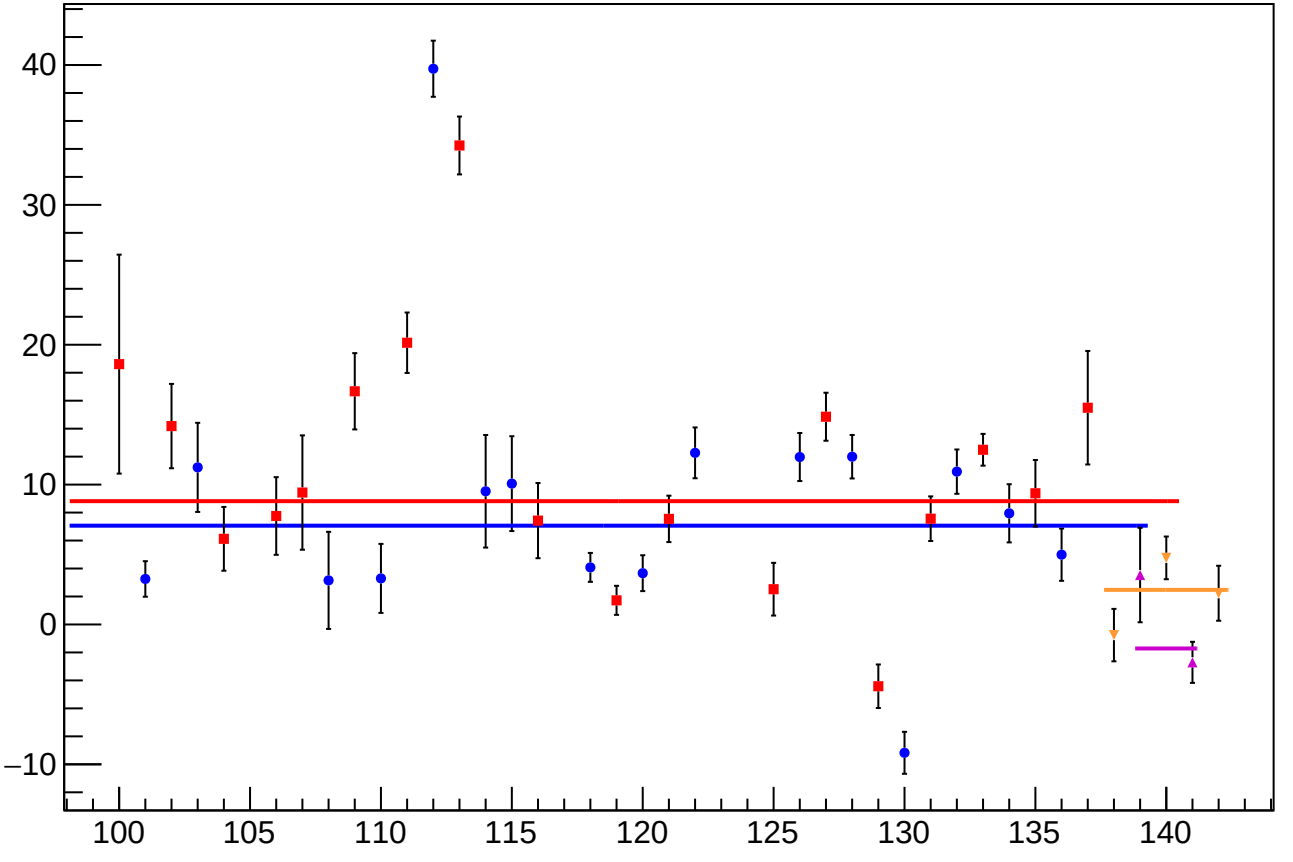
Left In: -87.995+/-1.388 χ^2/NDF:1.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -86.656+/-0.909 χ^2/NDF: 72.4/4

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 2.474+/-1.014 χ^2/NDF:5.2/2

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

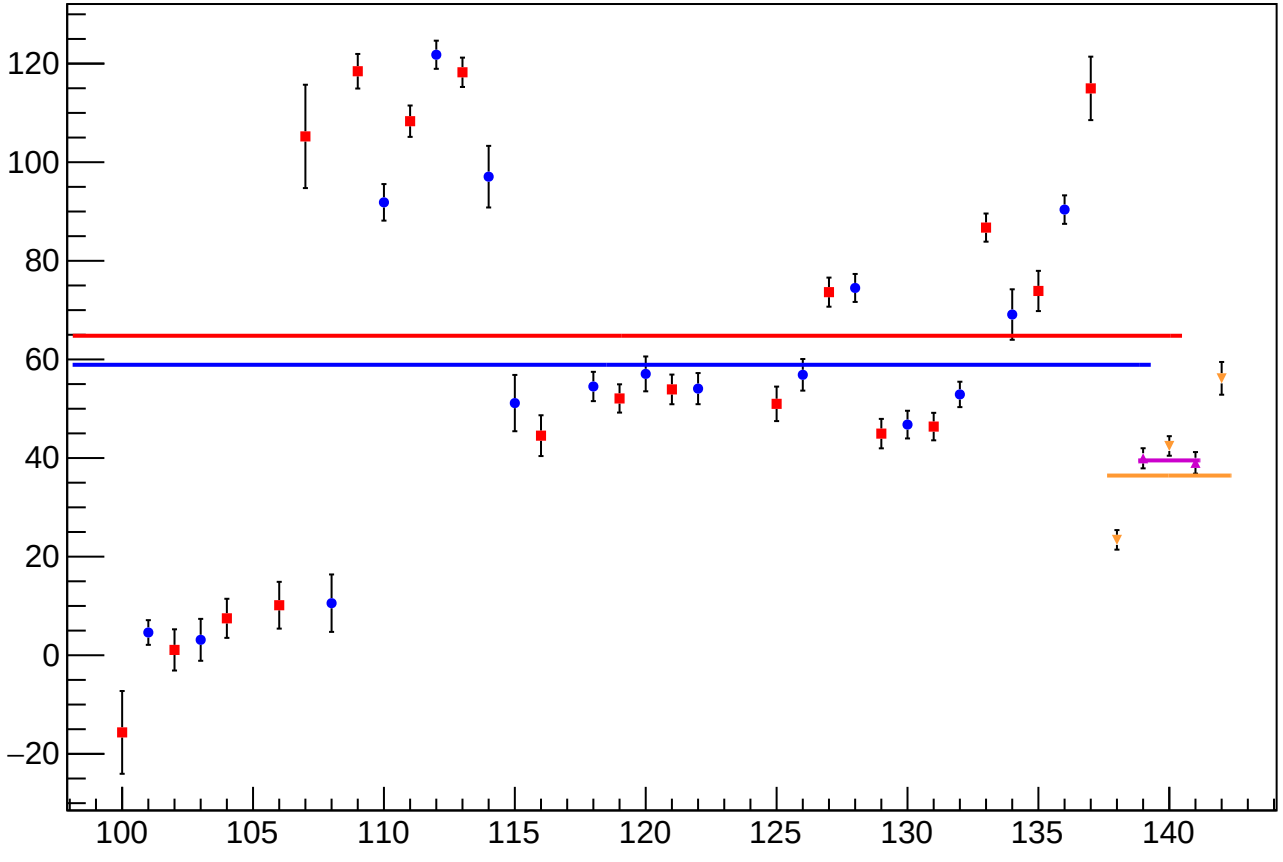
Left In: -1.716+/-1.346 χ^2/NDF:2.9/1

+ sign 6.354+/-0.399 χ^2/NDF: 469.4/18

All: 7.011+/-0.291 χ^2/NDF: 883.6/38

- sign 7.762+/-0.426 χ^2/NDF: 408.3/19

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 36.447+/-1.292 χ^2/NDF:87.6/2

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

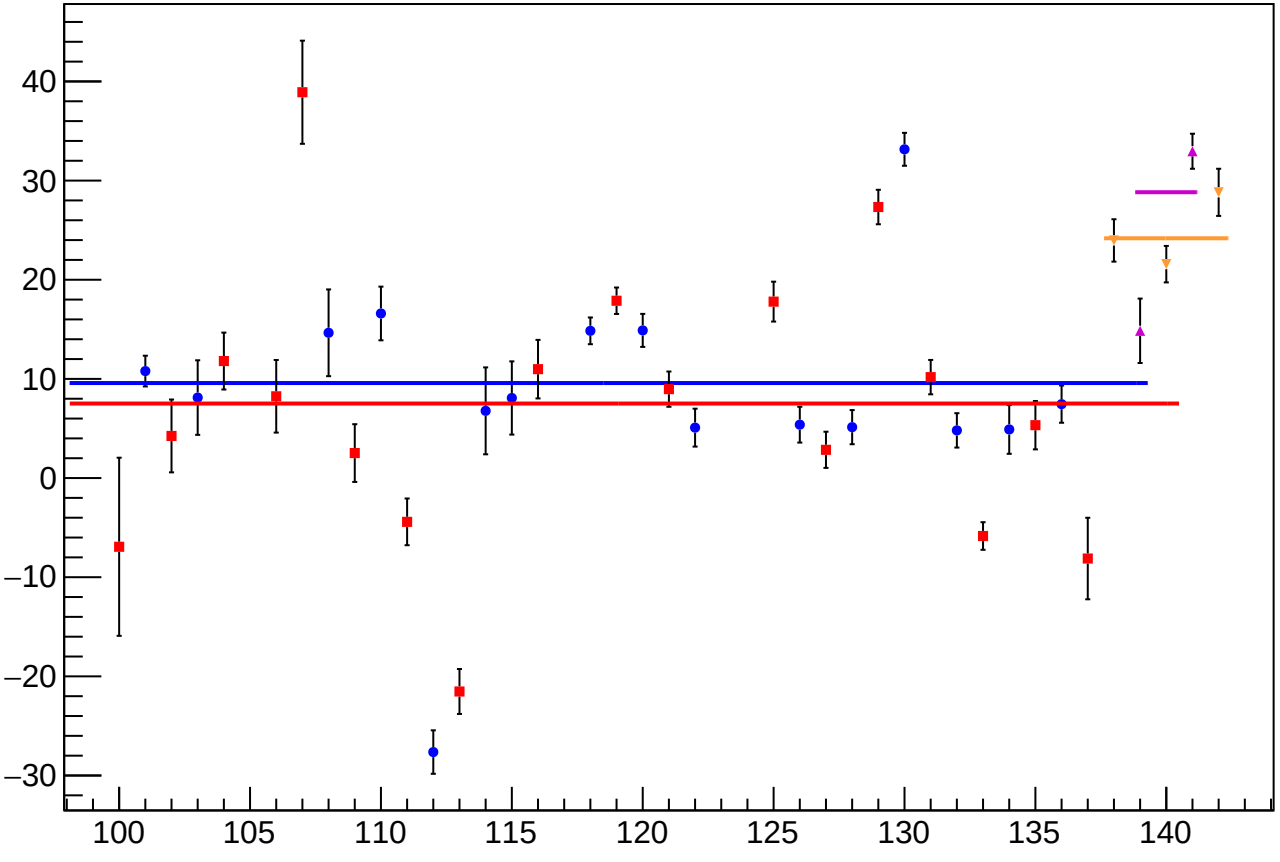
Left In: 39.519+/-1.491 χ^2/NDF:0.1/1

+ sign 52.336+/-0.699 χ^2/NDF: 1798.1/18

All: 55.377+/-0.506 χ^2/NDF: 3774.1/38

- sign 58.711+/-0.732 χ^2/NDF: 1936.4/19

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 24.183+/-1.203 χ^2/NDF:5.8/2

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

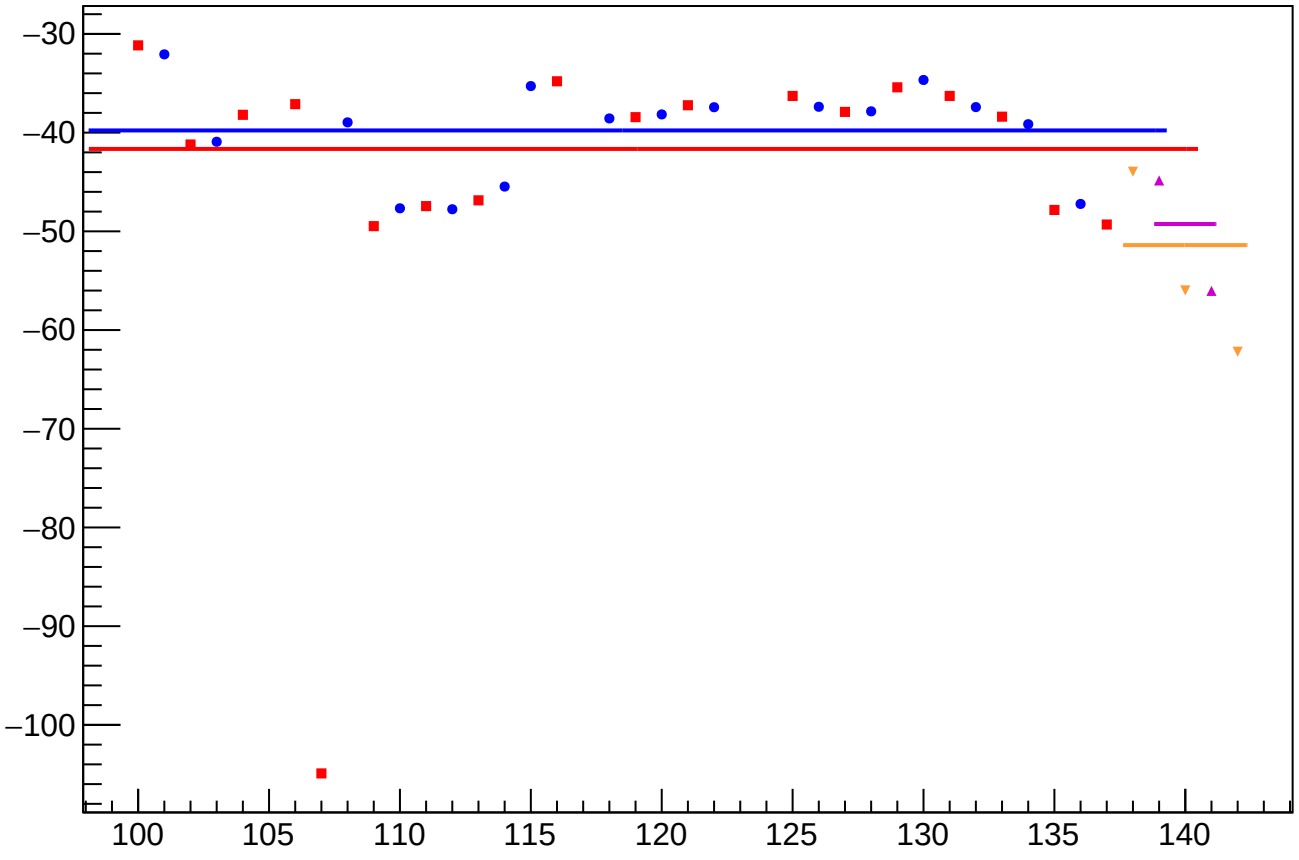
Left In: 28.829+/-1.552 χ^2/NDF:24.0/1

+ sign 11.743+/-0.463 χ^2/NDF: 685.8/18

All: 10.749+/-0.336 χ^2/NDF: 1459.3/38

- sign 9.636+/-0.489 χ^2/NDF: 763.7/19

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -51.394+/-0.053 χ^2/NDF:18446.1/2

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

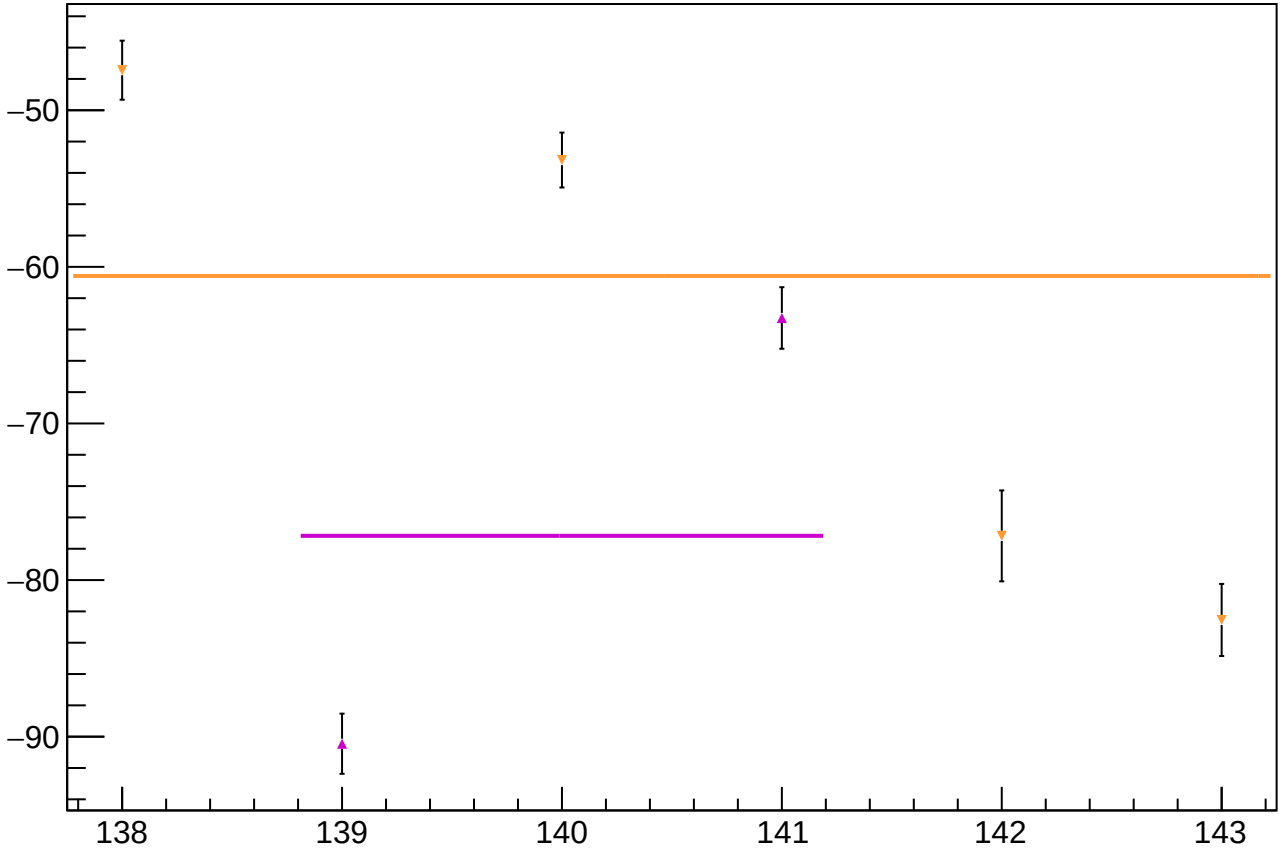
Left In: -49.258+/-0.056 χ^2/NDF:9676.5/1

+ sign -42.733+/-0.027 χ^2/NDF: 80187.4/18

All: -43.098+/-0.019 χ^2/NDF: 198943.8/38

- sign -43.473+/-0.027 χ^2/NDF: 118381.3/19

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -60.582+/-1.046 χ^2/NDF:190.1/3

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

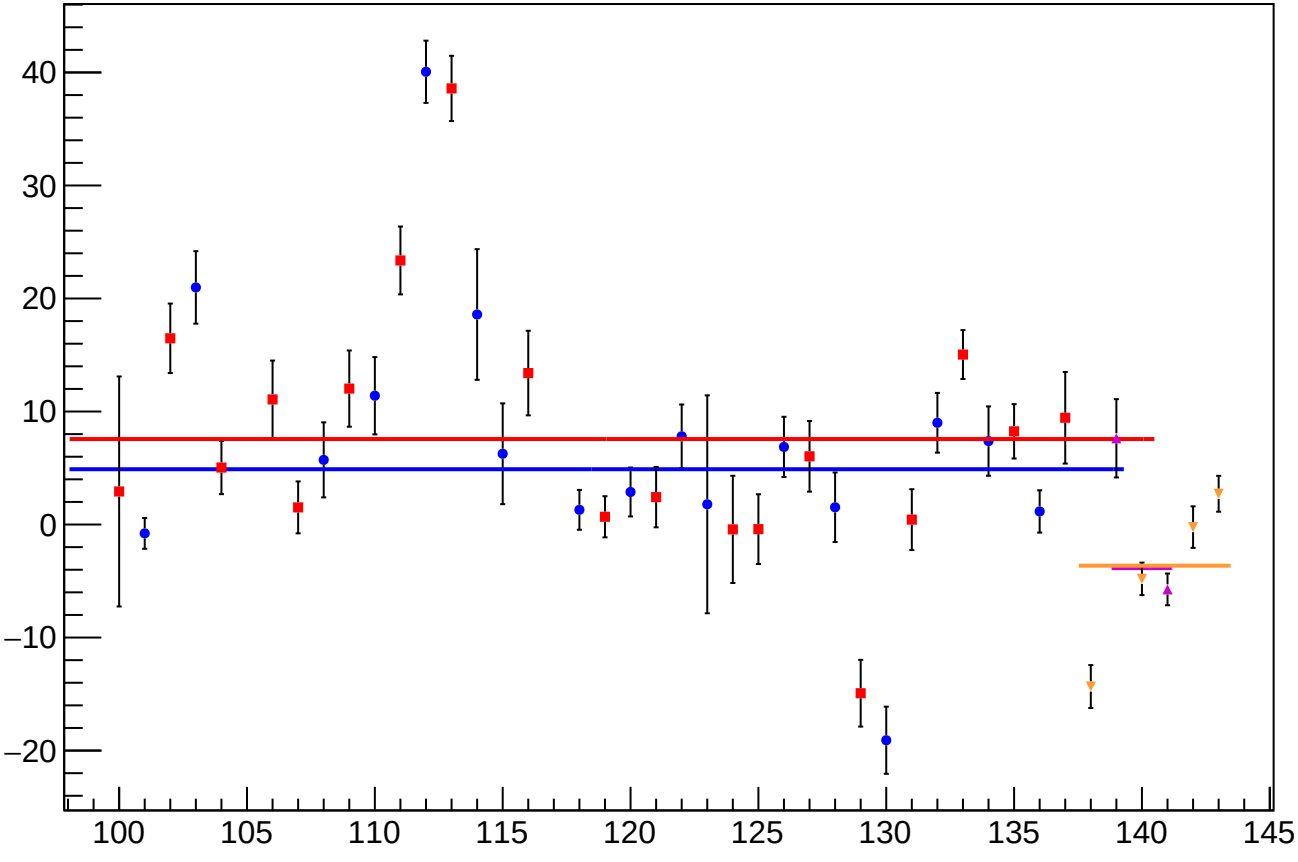
Left In: -77.175+/-1.374 χ^2/NDF:97.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -66.671+/-0.832 χ^2/NDF: 380.4/5

- 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: -3.642+/-0.829 χ^2/NDF:52.0/3

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

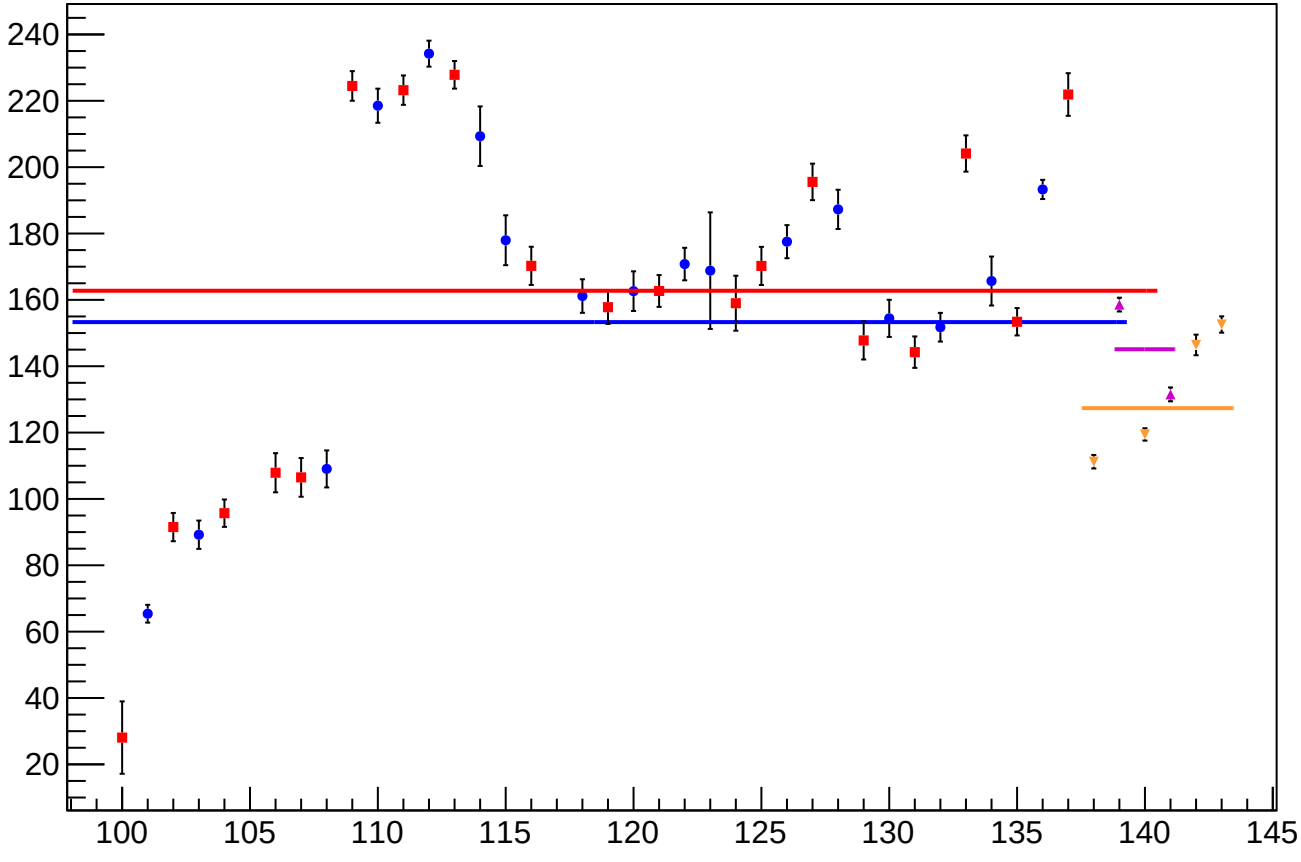
Left In: -3.856+/-1.301 χ^2/NDF:12.8/1

+ sign 1.824+/-0.497 χ^2/NDF: 415.3/20

All: 3.277+/-0.378 χ^2/NDF: 780.2/41

- sign 5.274+/-0.583 χ^2/NDF: 344.6/20

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 127.366+/-1.121 χ^2/NDF:223.3/3

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

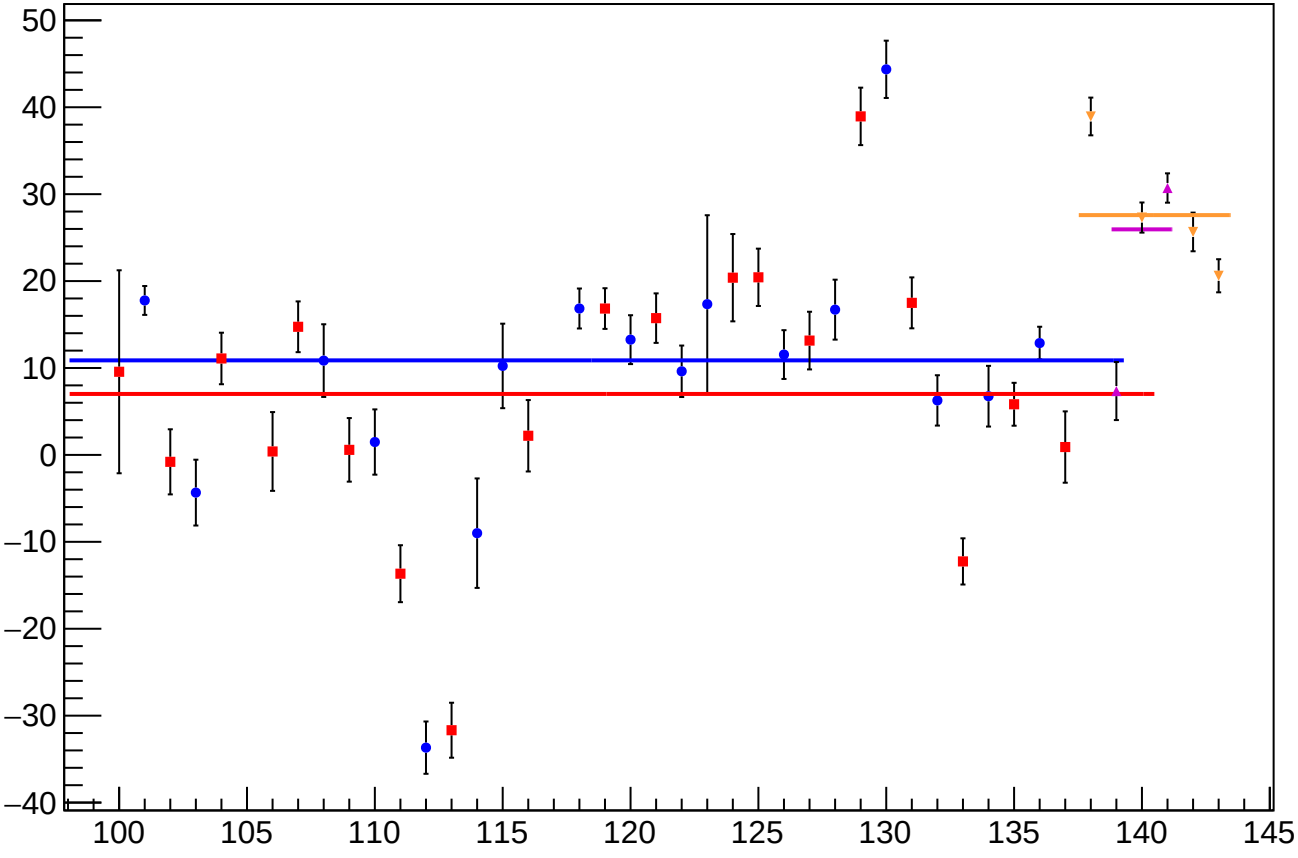
Left In: 145.116+/-1.474 χ^2/NDF:84.3/1

+ sign 140.060+/-0.801 χ^2/NDF: 2752.0/20

All: 146.886+/-0.604 χ^2/NDF: 4800.8/41

- sign 155.883+/-0.919 χ^2/NDF: 1880.4/20

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 27.590+/-0.989 χ^2/NDF:41.5/3

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

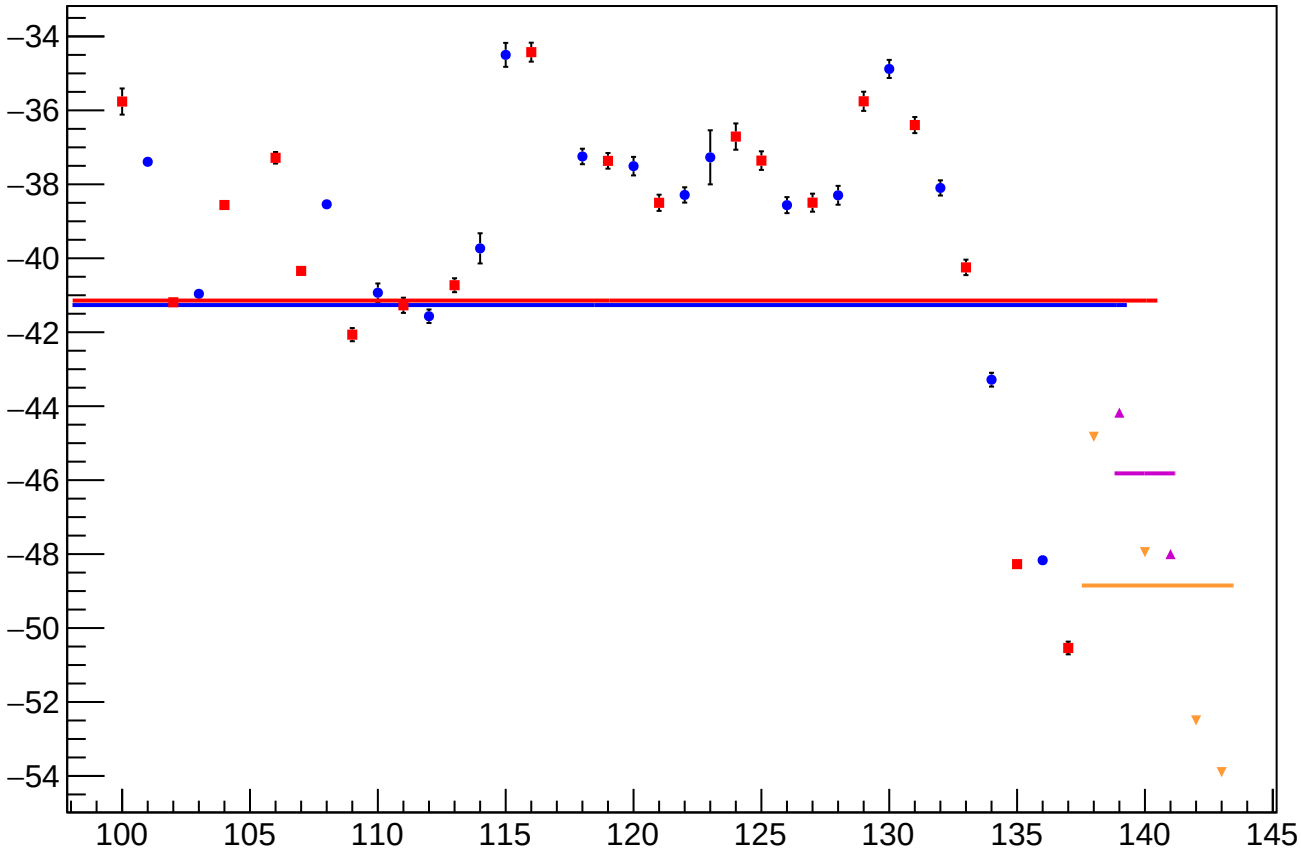
Left In: 25.950+/-1.506 χ^2/NDF:39.0/1

+ sign 16.599+/-0.579 χ^2/NDF: 617.5/20

All: 14.106+/-0.438 χ^2/NDF: 1251.4/41

- sign 10.762+/-0.670 χ^2/NDF: 590.4/20

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -48.849+/-0.046 χ^2/NDF:6073.4/3

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

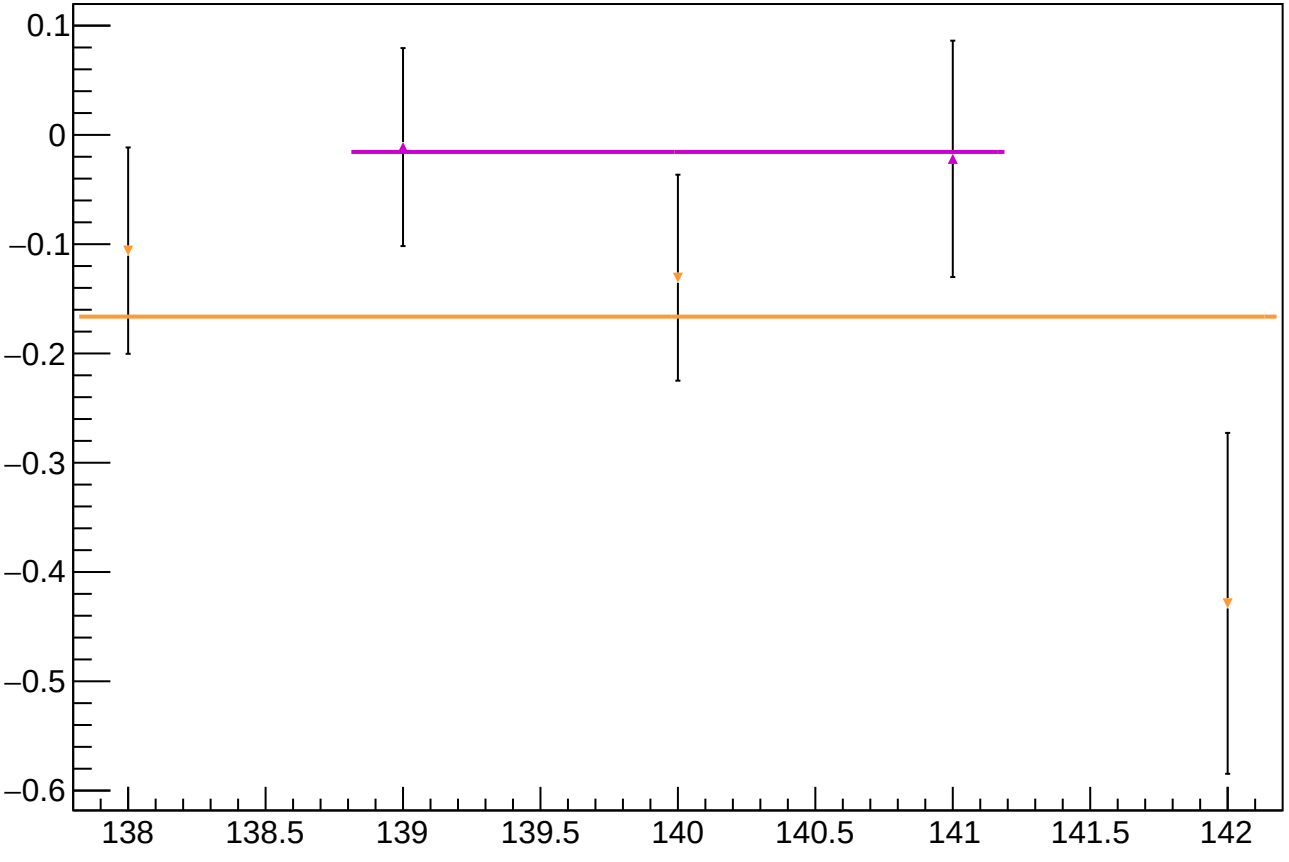
Left In: -45.817+/-0.055 χ^2/NDF:1168.9/1

+ sign -44.382+/-0.030 χ^2/NDF: 34594.5/20

All: -43.587+/-0.022 χ^2/NDF: 54329.9/41

- sign -42.672+/-0.032 χ^2/NDF: 18178.5/20

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.166+/-0.061 χ^2/NDF:3.4/2

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

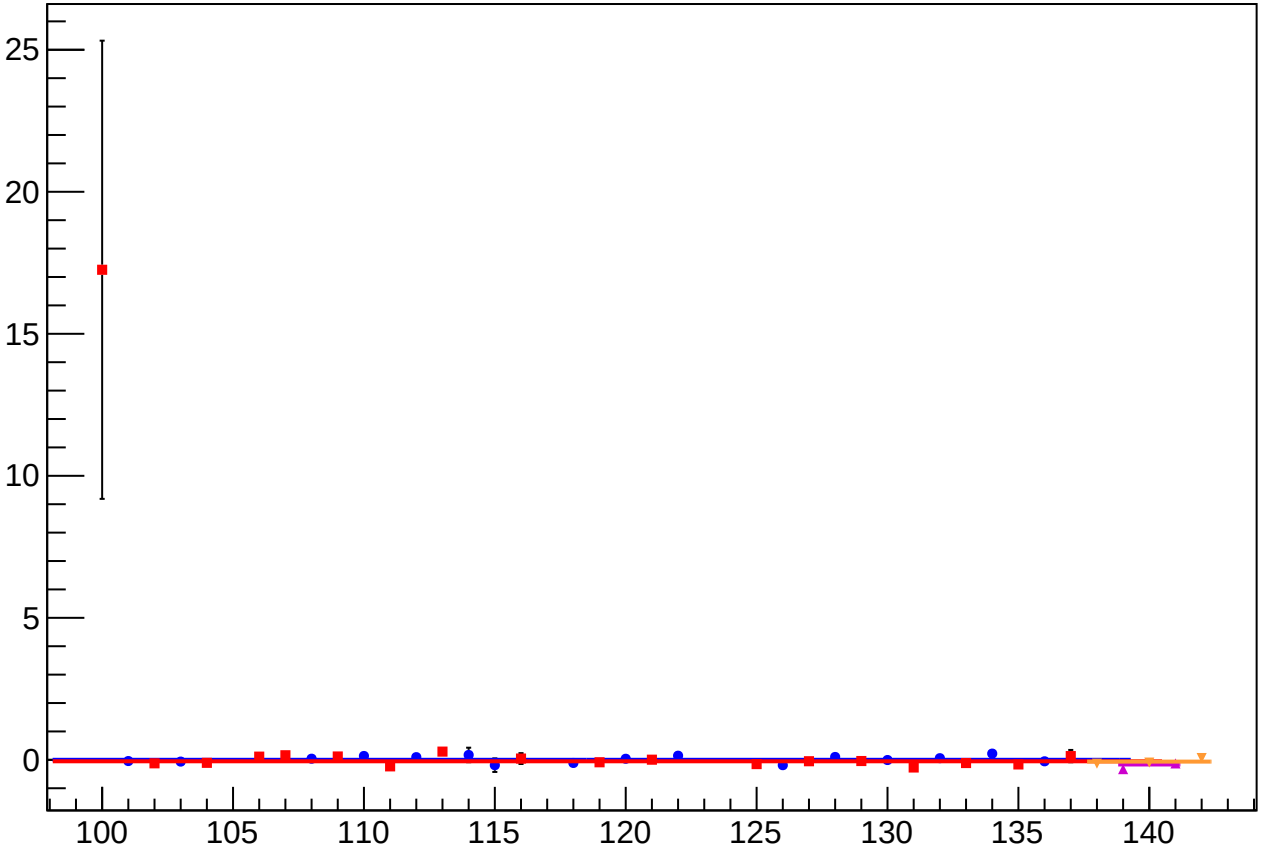
Left In: -0.016+/-0.069 χ^2/NDF:0.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.100+/-0.046 χ^2/NDF: 6.0/4

- 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: -0.062+/-0.052 χ^2/NDF:2.3/2

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

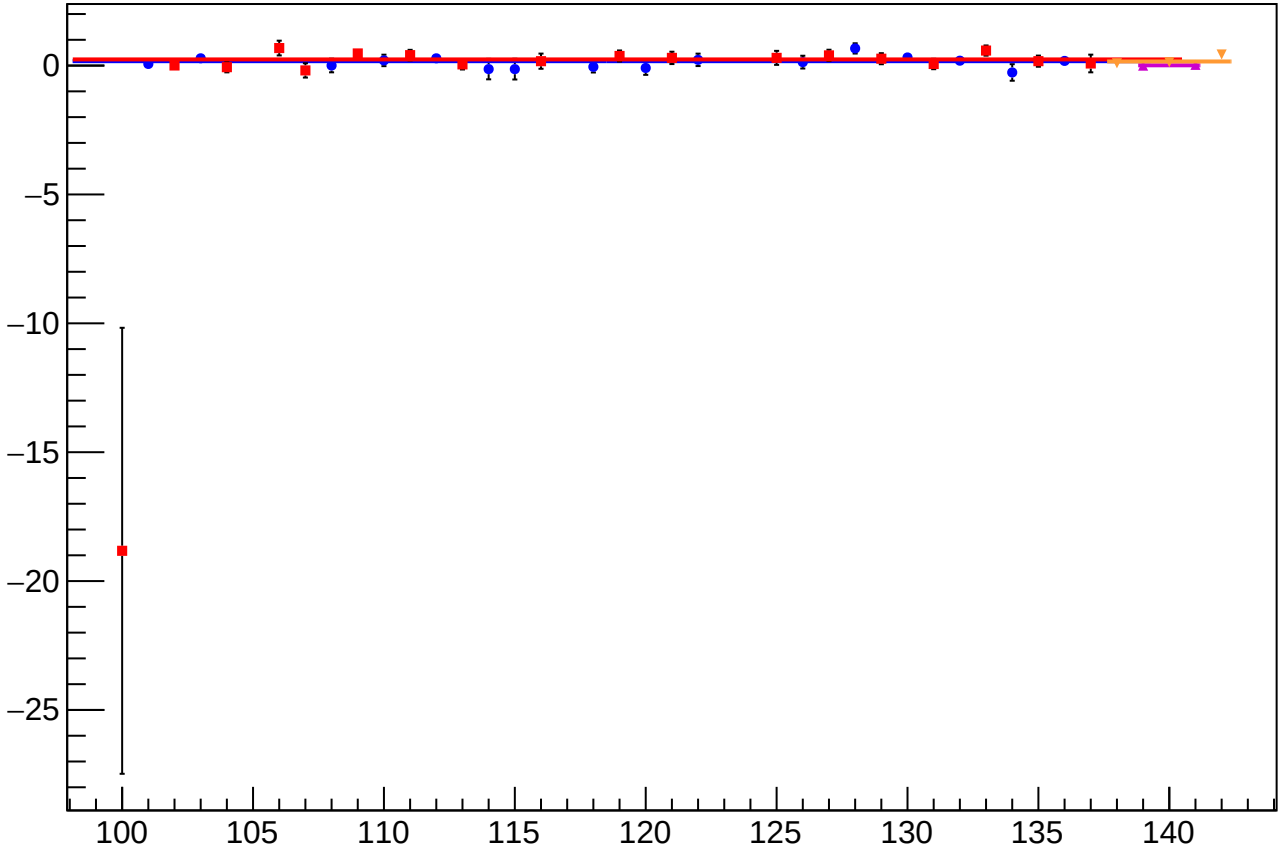
Left In: -0.163+/-0.070 χ^2/NDF:1.2/1

+ sign -0.013+/-0.025 χ^2/NDF: 16.0/18

All: -0.038+/-0.018 χ^2/NDF: 47.4/38

- sign -0.068+/-0.027 χ^2/NDF: 29.2/19

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.159+/-0.066 χ^2/NDF:3.2/2

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

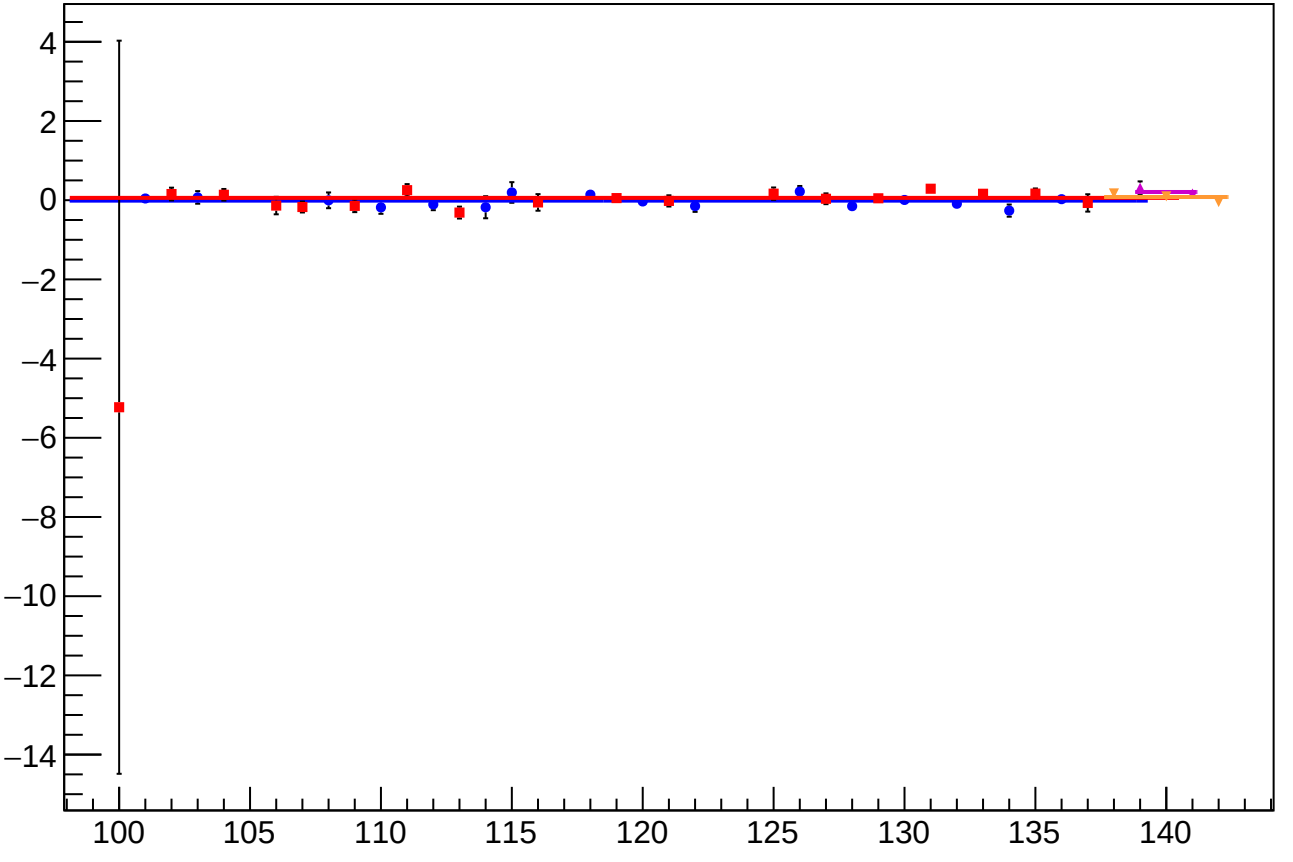
Left In: 0.011+/-0.075 χ^2/NDF:0.0/1

+ sign 0.166+/-0.041 χ^2/NDF: 16.9/18

All: 0.164+/-0.030 χ^2/NDF: 44.9/38

- sign 0.161+/-0.044 χ^2/NDF: 28.0/19

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.080+/-0.062 χ^2/NDF:1.8/2

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

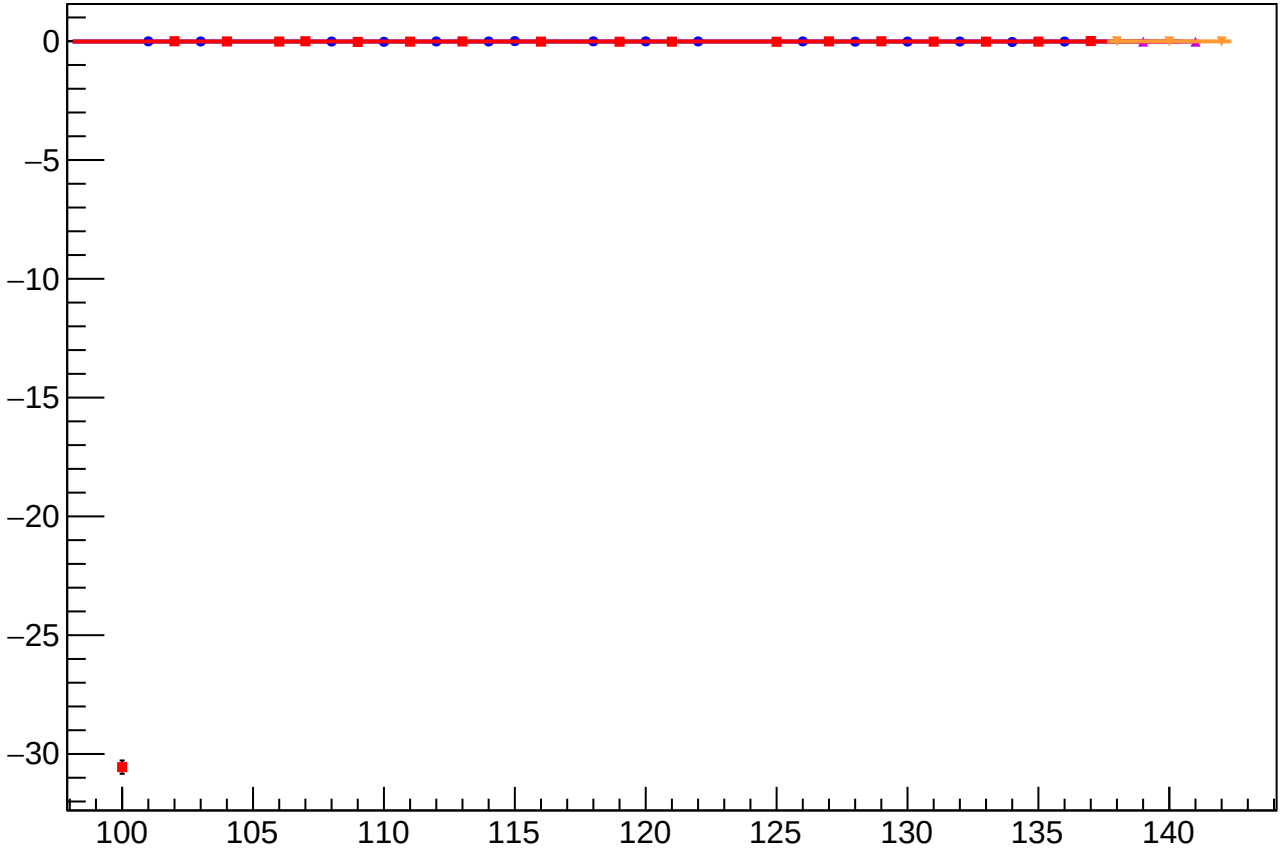
Left In: 0.207+/-0.080 χ^2/NDF:0.7/1

+ sign 0.009+/-0.029 χ^2/NDF: 17.3/18

All: 0.042+/-0.021 χ^2/NDF: 44.3/38

- sign 0.081+/-0.031 χ^2/NDF: 24.1/19

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.006+/-0.003 χ^2/NDF:2.5/2

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

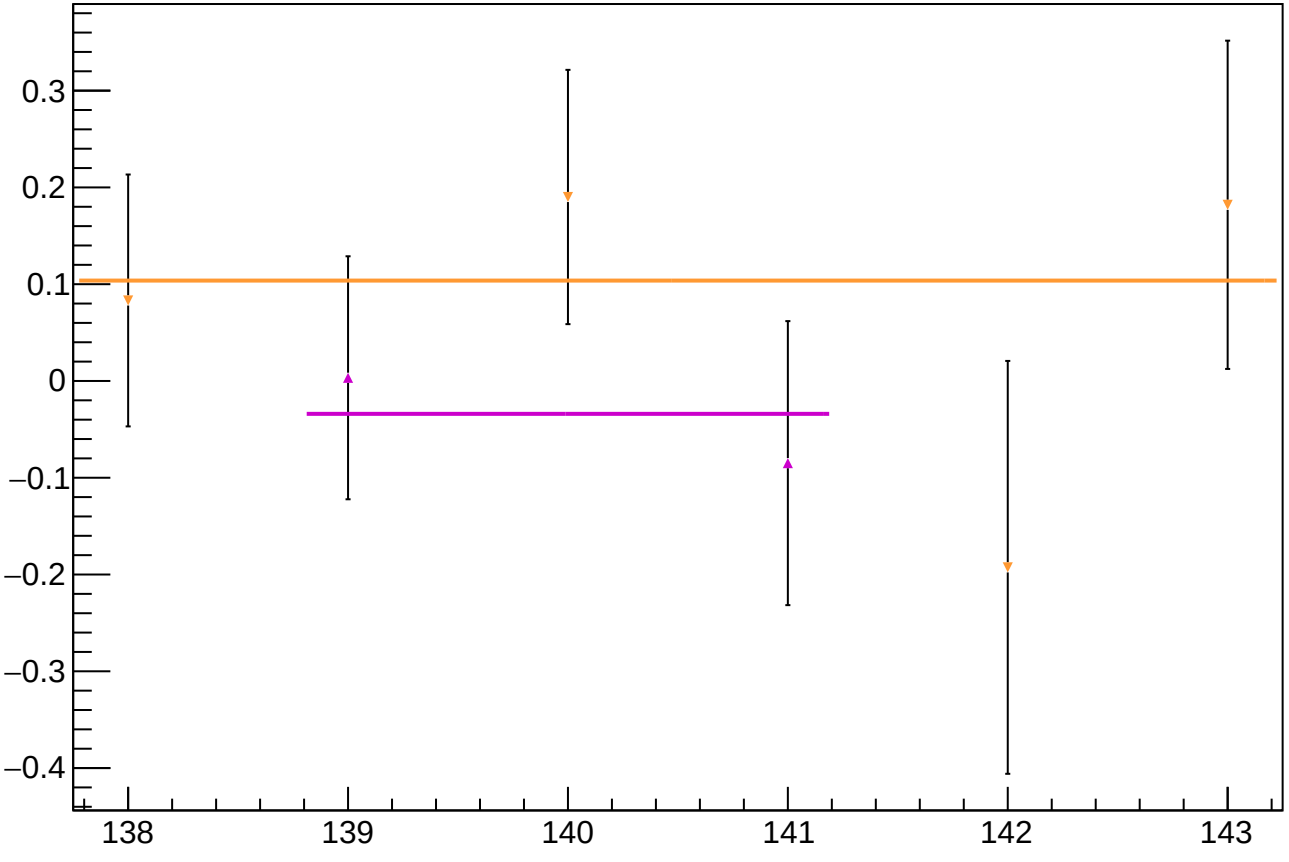
Left In: -0.016+/-0.003 χ^2/NDF:0.2/1

+ sign -0.010+/-0.001 χ^2/NDF: 18.4/18

All: -0.012+/-0.001 χ^2/NDF: 11914.3/38

- sign -0.013+/-0.002 χ^2/NDF: 11893.5/19

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: 0.104+/-0.076 χ^2/NDF:2.6/3

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

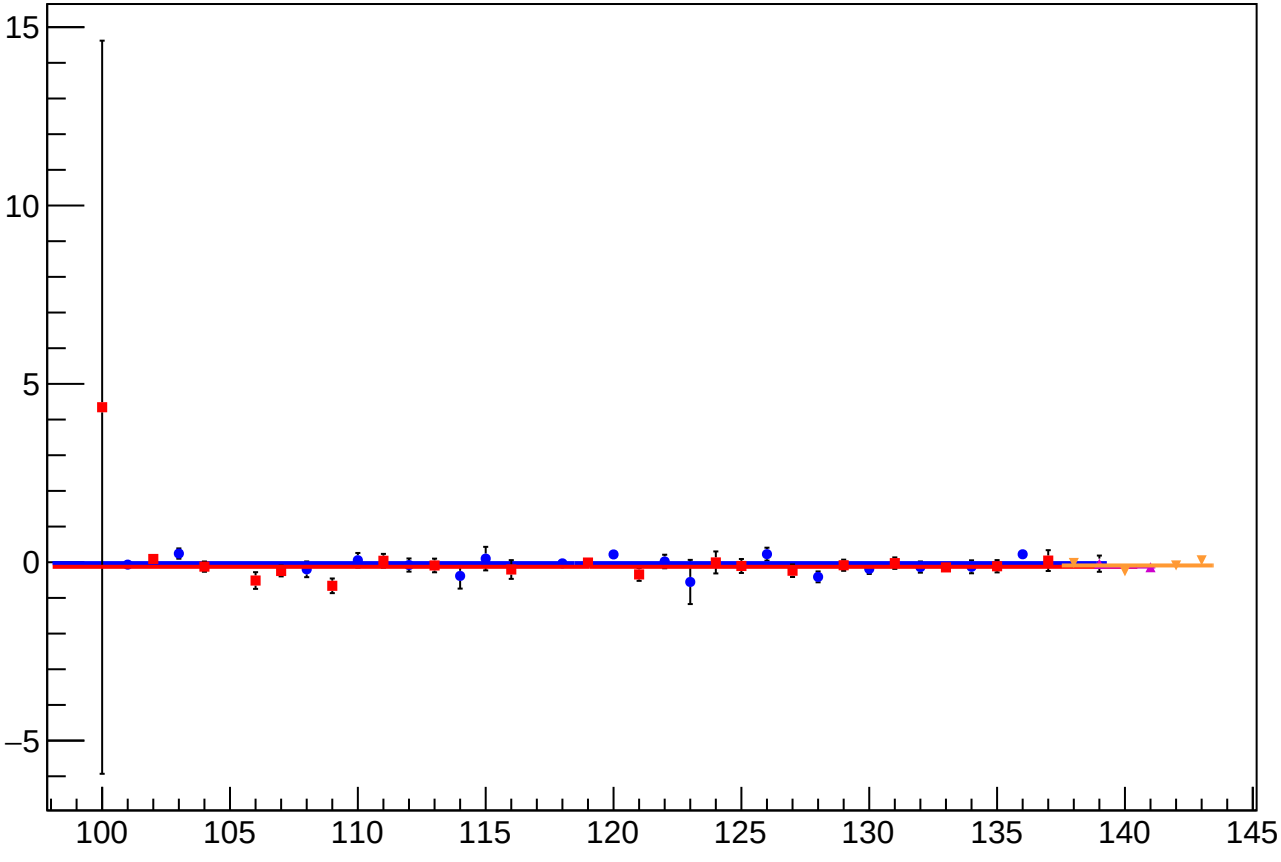
Left In: -0.034+/-0.095 χ^2/NDF:0.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.050+/-0.059 χ^2/NDF: 4.1/5

- 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: -0.090+/-0.062 χ^2/NDF:4.0/3

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

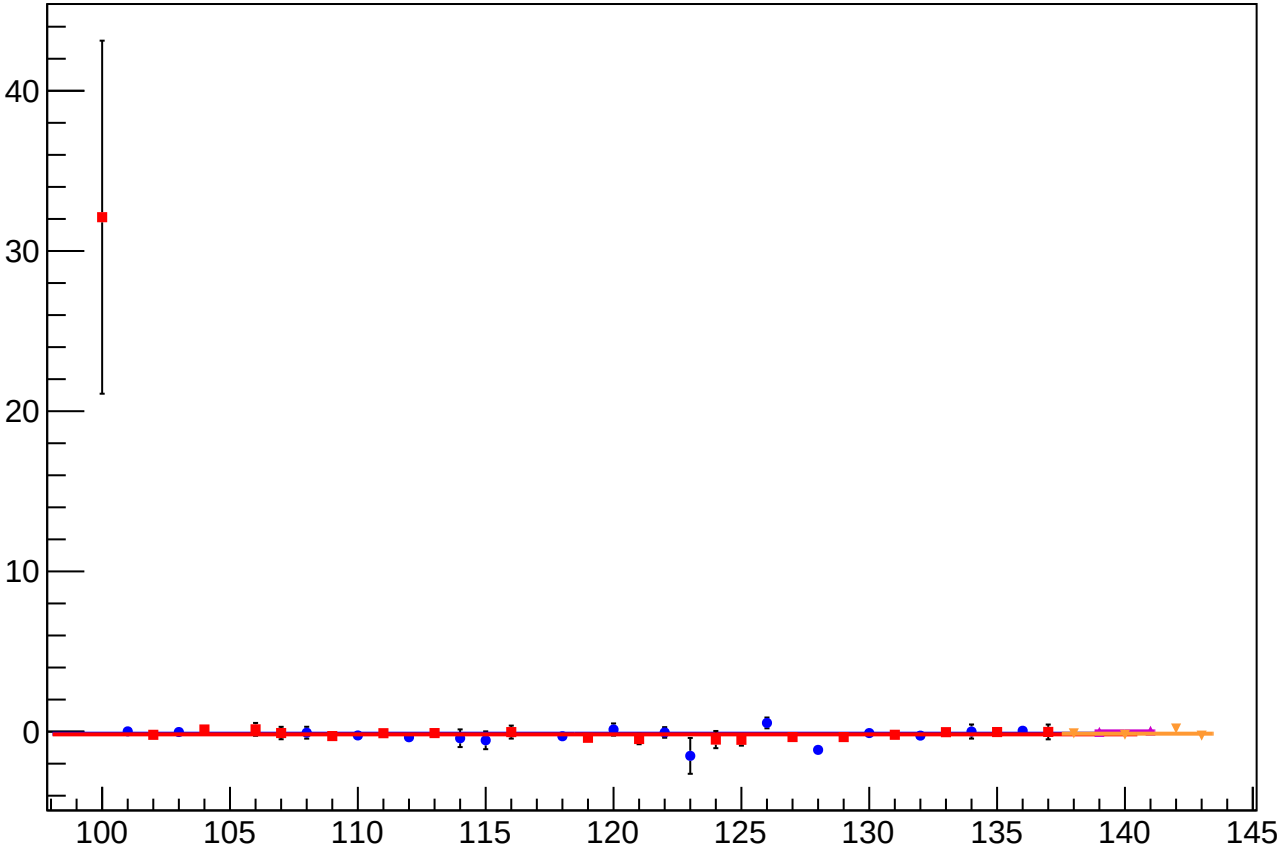
Left In: -0.122+/-0.096 χ^2/NDF:0.2/1

+ sign -0.041+/-0.031 χ^2/NDF: 28.2/20

All: -0.078+/-0.024 χ^2/NDF: 49.2/41

- sign -0.127+/-0.036 χ^2/NDF: 17.8/20

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: -0.128+/-0.081 χ^2/NDF:2.7/3

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

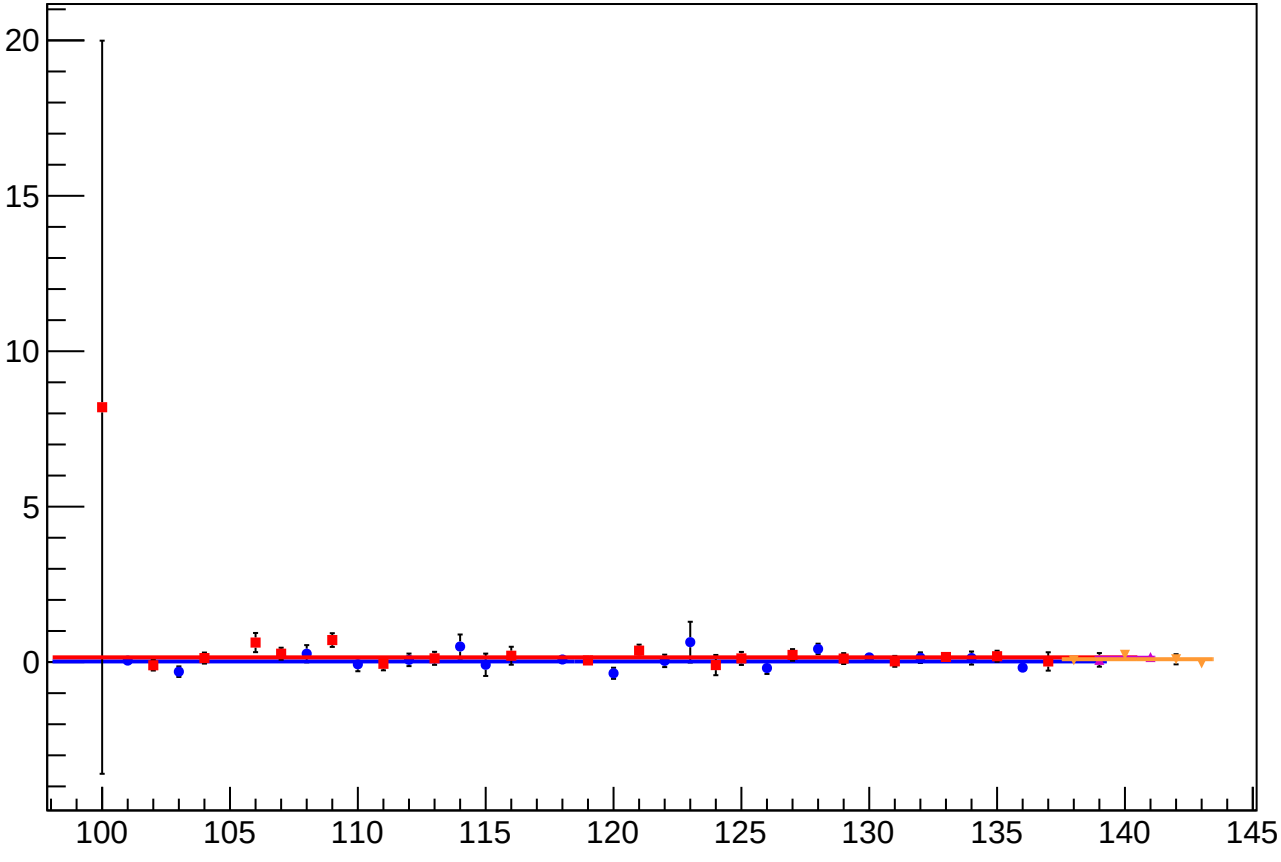
Left In: 0.015+/-0.102 χ^2/NDF:0.1/1

+ sign -0.129+/-0.052 χ^2/NDF: 26.4/20

All: -0.121+/-0.039 χ^2/NDF: 43.9/41

- sign -0.111+/-0.058 χ^2/NDF: 17.4/20

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.092+/-0.073 χ^2/NDF:2.1/3

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

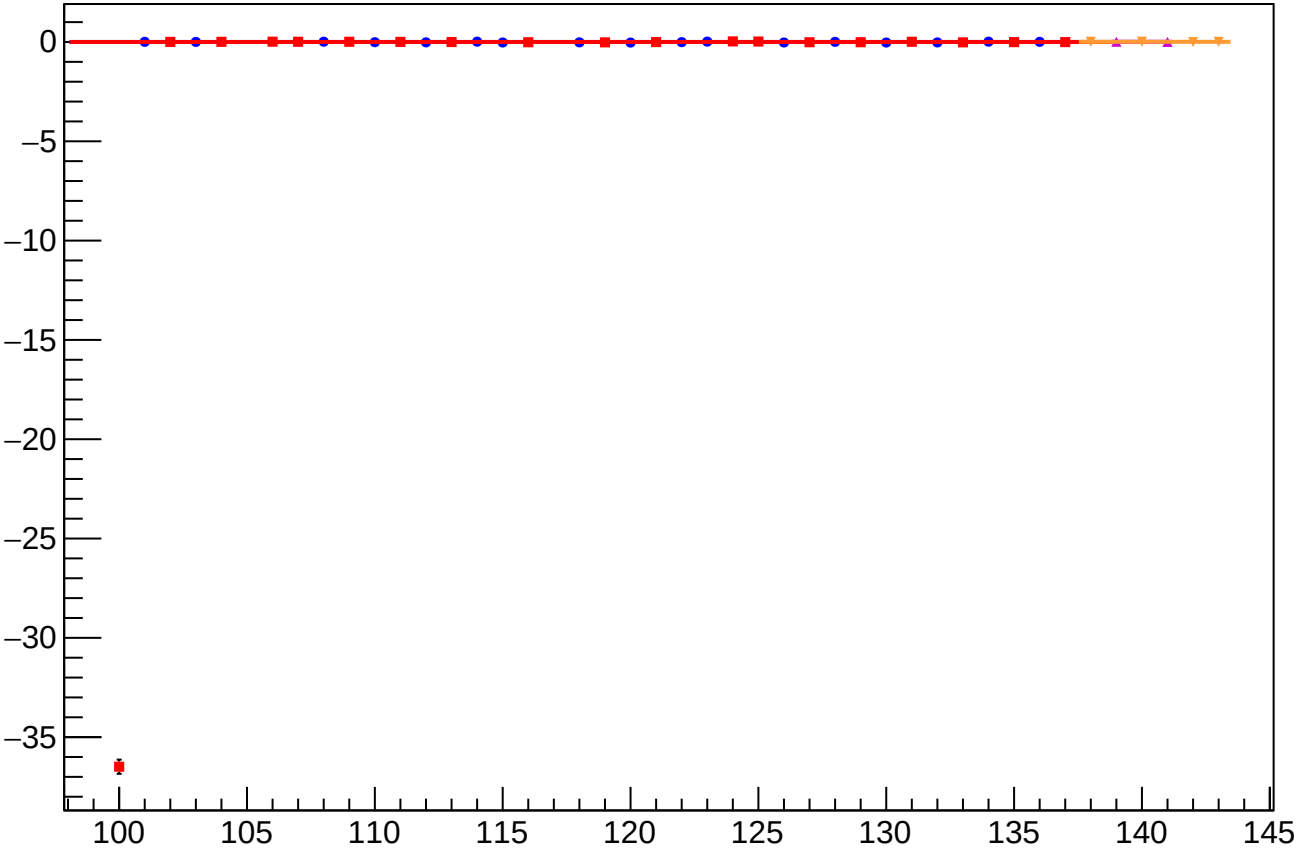
Left In: 0.139+/-0.109 χ^2/NDF:0.1/1

+ sign 0.039+/-0.037 χ^2/NDF: 25.4/20

All: 0.087+/-0.028 χ^2/NDF: 45.7/41

- sign 0.150+/-0.042 χ^2/NDF: 16.4/20

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:3.2/3

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

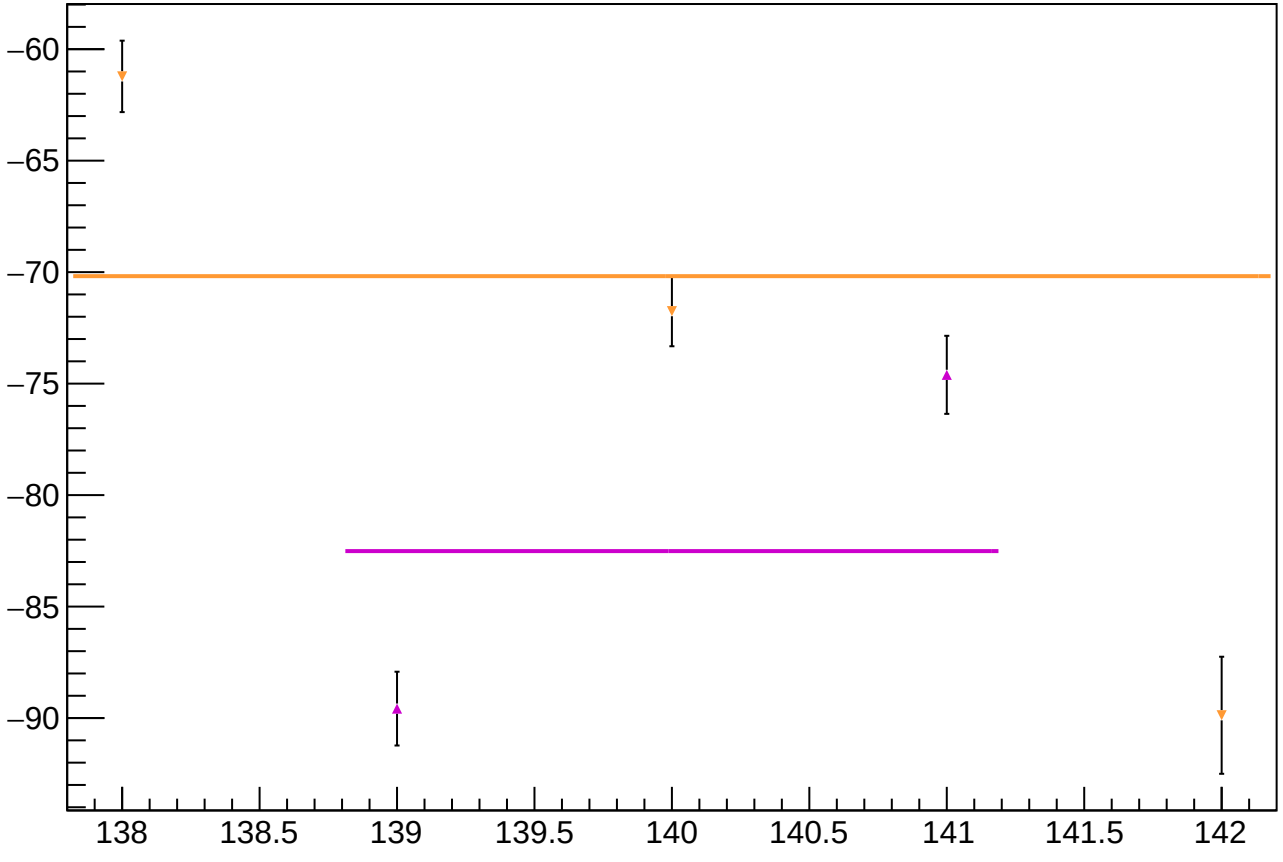
Left In: 0.010+/-0.004 χ^2/NDF:1.4/1

+ sign 0.004+/-0.002 χ^2/NDF: 39.2/20

All: 0.003+/-0.001 χ^2/NDF: 10493.7/41

- sign 0.003+/-0.002 χ^2/NDF: 10454.4/20

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -70.180+/-1.032 χ^2/NDF:88.6/2

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

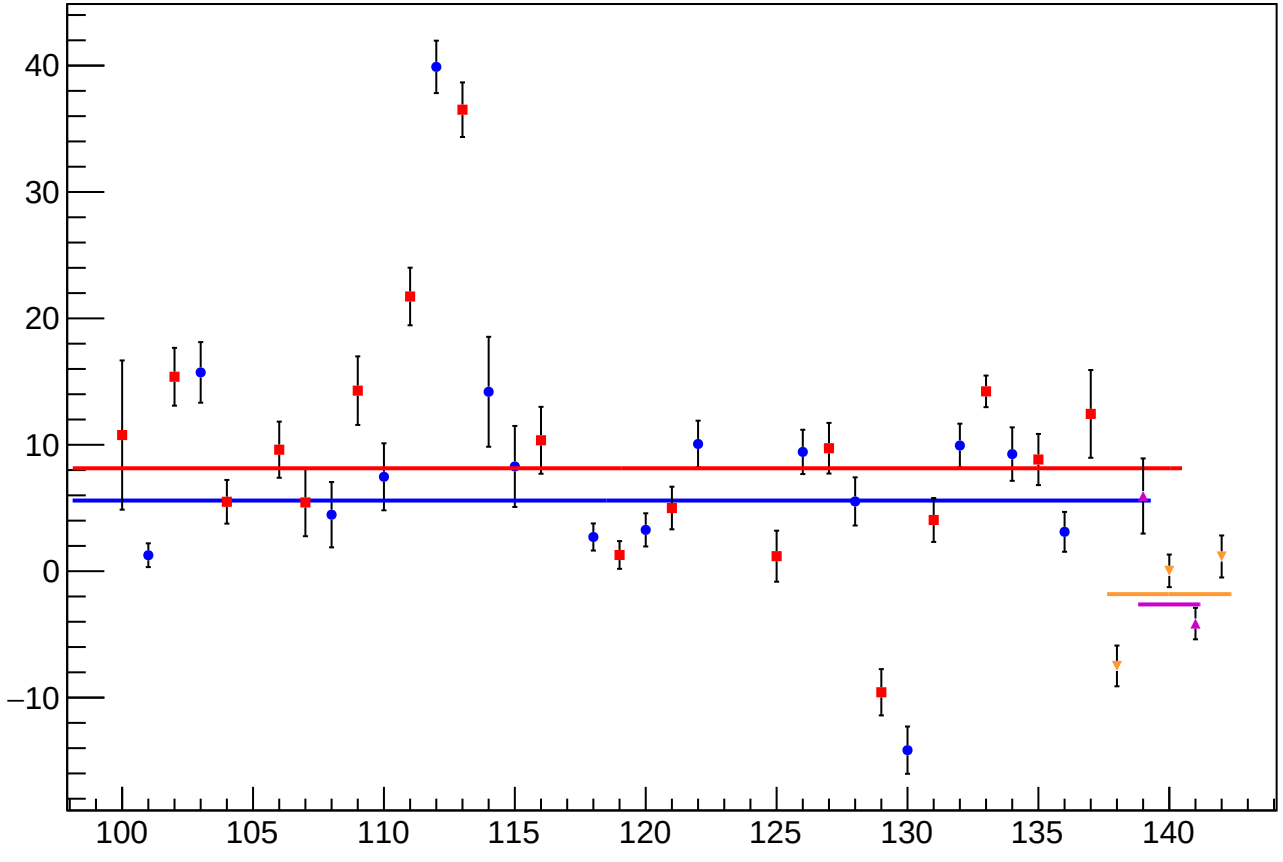
Left In: -82.512+/-1.203 χ^2/NDF:38.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -75.412+/-0.783 χ^2/NDF: 187.7/4

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589+/-0.424 χ^2/NDF: 462.8/15

Left Out: -1.816+/-0.861 χ^2/NDF:17.7/2

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

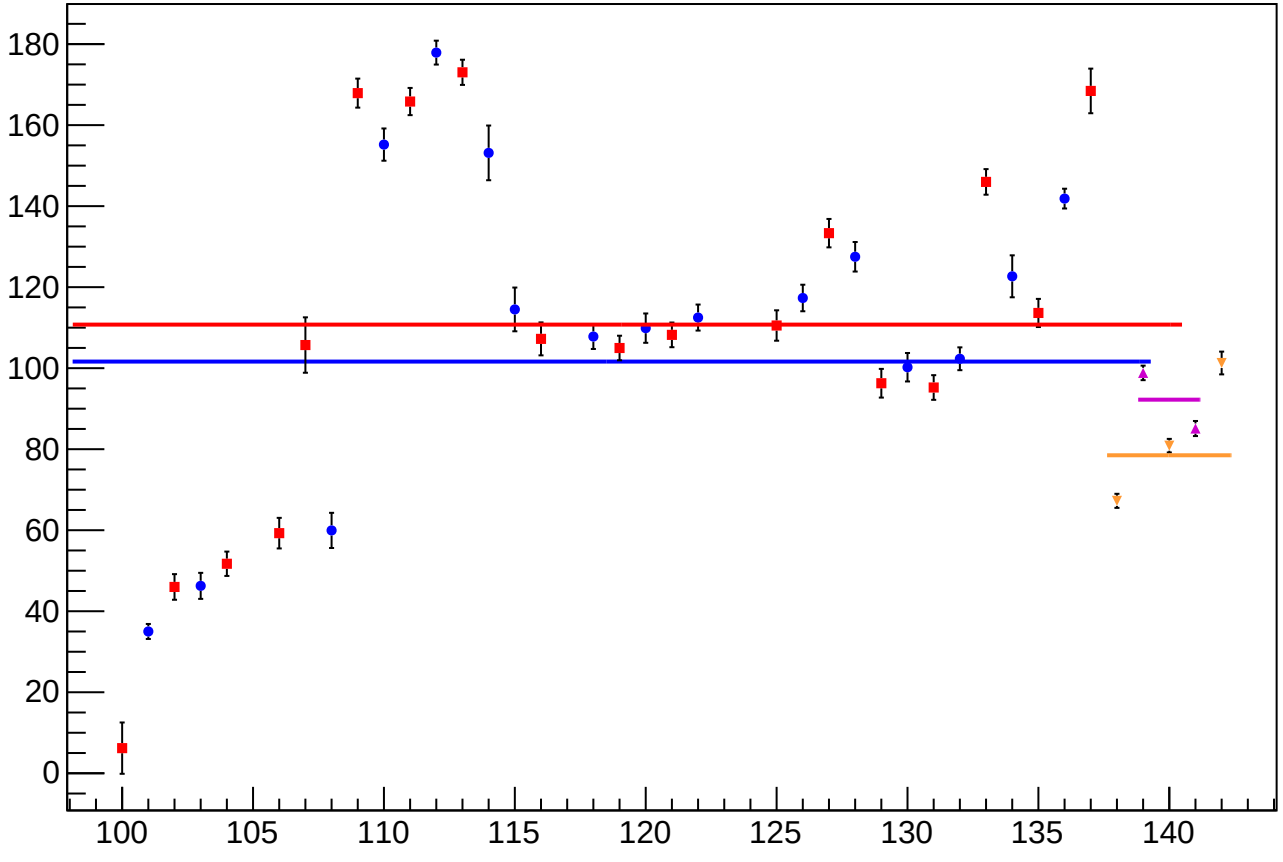
Left In: -2.630+/-1.151 χ^2/NDF:9.8/1

+ sign 4.146+/-0.380 χ^2/NDF: 540.0/18

All: 5.287+/-0.282 χ^2/NDF: 1053.5/38

- sign 6.694+/-0.422 χ^2/NDF: 493.3/19

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 78.500+/-1.108 χ^2/NDF:109.7/2

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

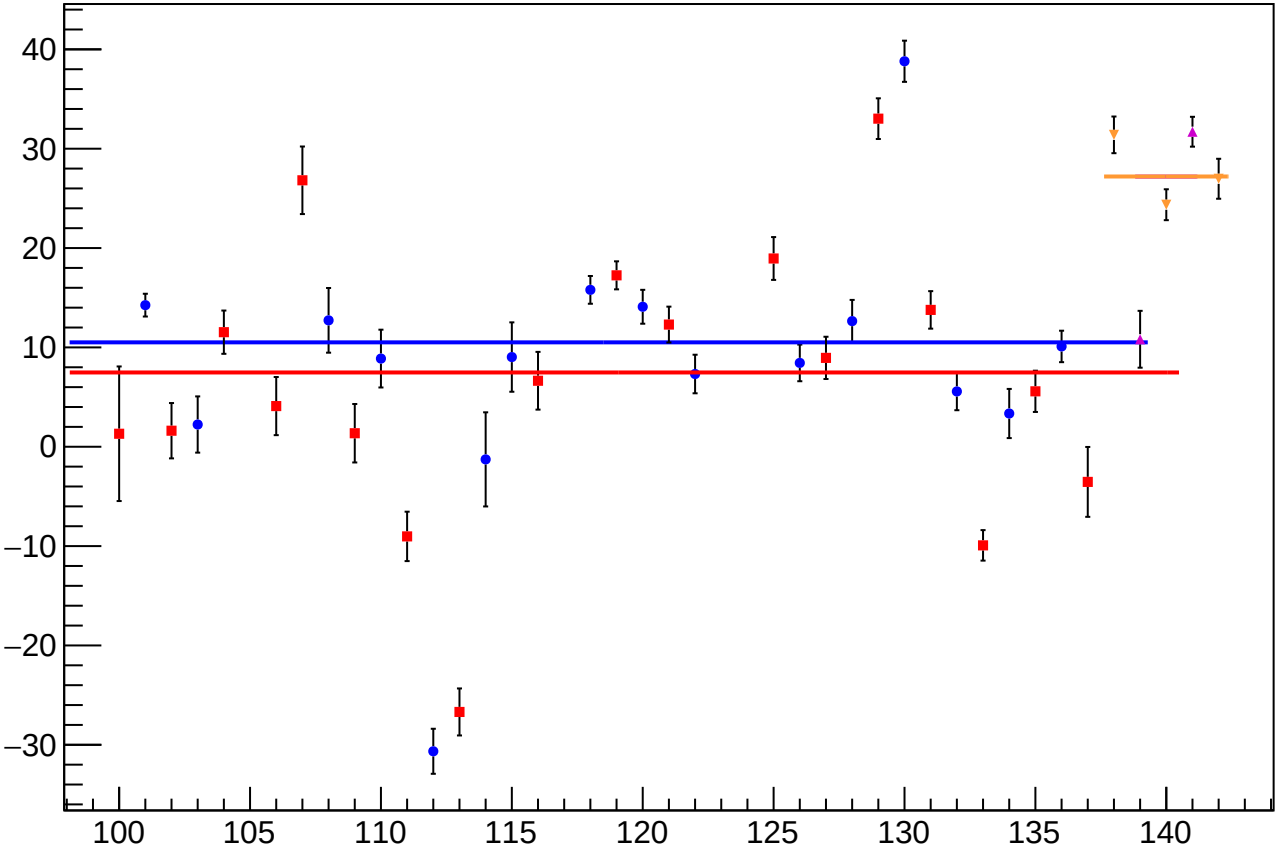
Left In: 92.227+/-1.291 χ^2/NDF:28.2/1

+ sign 93.616+/-0.652 χ^2/NDF: 3373.3/18

All: 99.022+/-0.478 χ^2/NDF: 6207.8/38

- sign 105.281+/-0.702 χ^2/NDF: 2686.3/19

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 27.202+/-1.024 χ^2/NDF:8.5/2

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

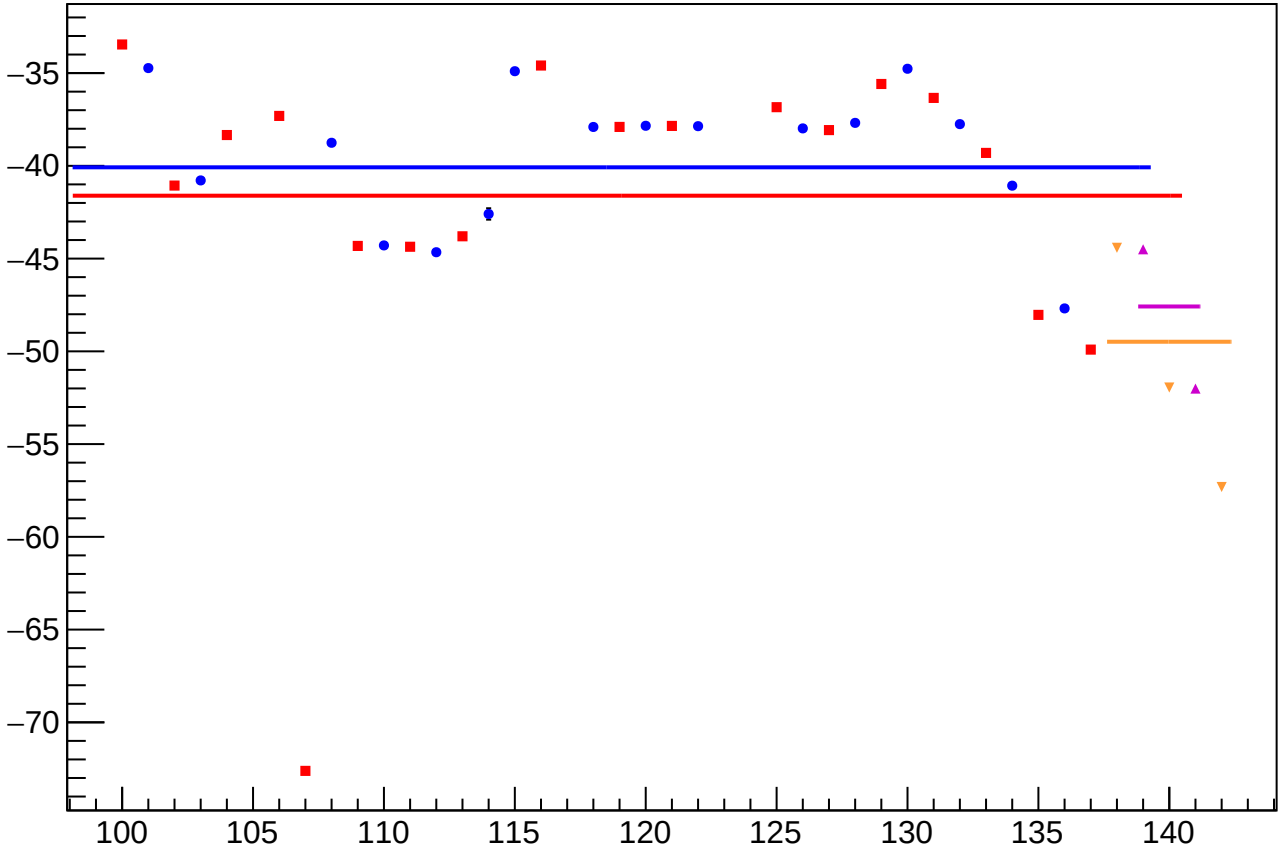
Left In: 27.193+/-1.330 χ^2/NDF:41.8/1

+ sign 13.641+/-0.443 χ^2/NDF: 806.0/18

All: 12.049+/-0.328 χ^2/NDF: 1755.8/38

- sign 10.126+/-0.488 χ^2/NDF: 921.3/19

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -49.483+/-0.046 χ^2/NDF:11383.6/2

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

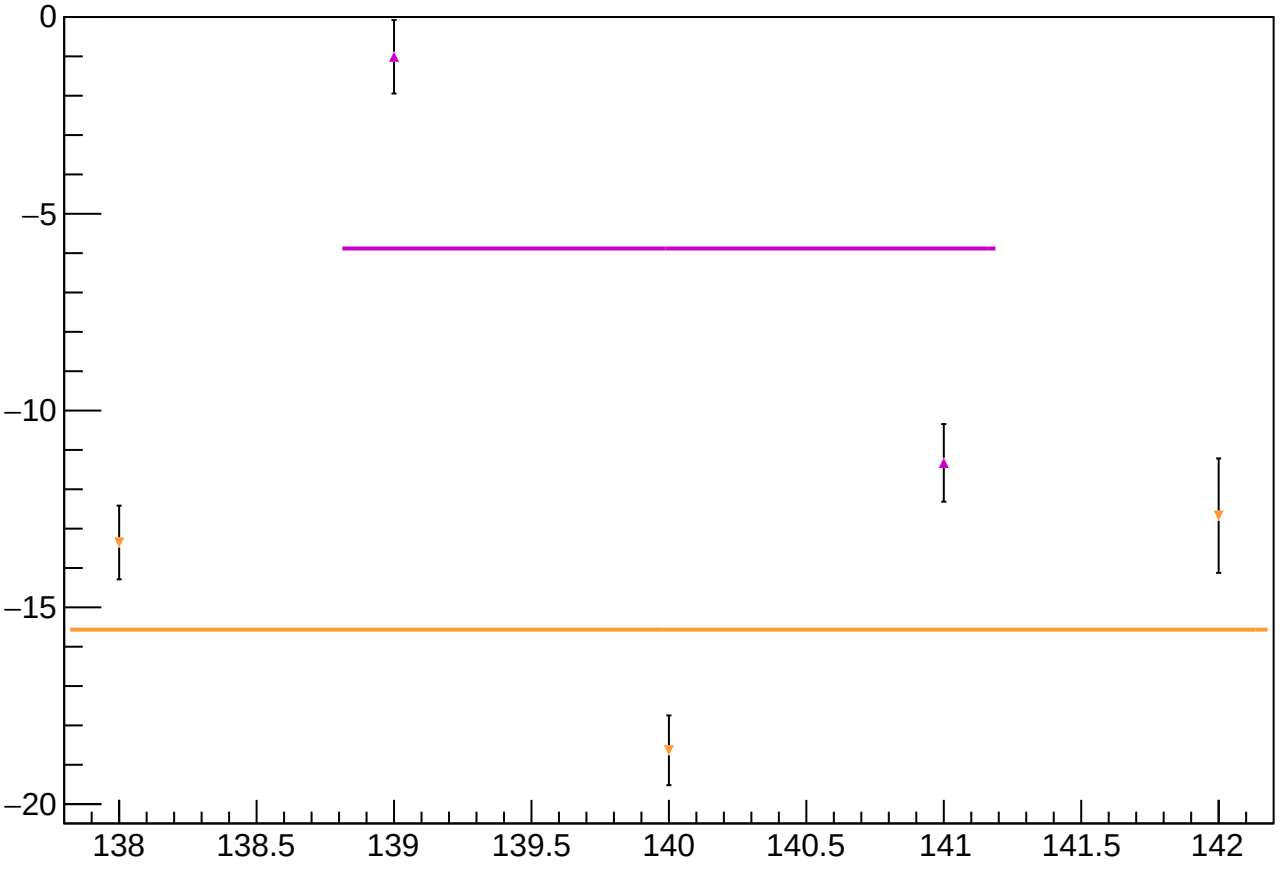
Left In: -47.581+/-0.048 χ^2/NDF:5848.5/1

+ sign -42.664+/-0.024 χ^2/NDF: 67073.7/18

All: -42.905+/-0.017 χ^2/NDF: 146235.4/38

- sign -43.158+/-0.025 χ^2/NDF: 78955.6/19

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -15.566+/-0.589 χ^2/NDF:21.5/2

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

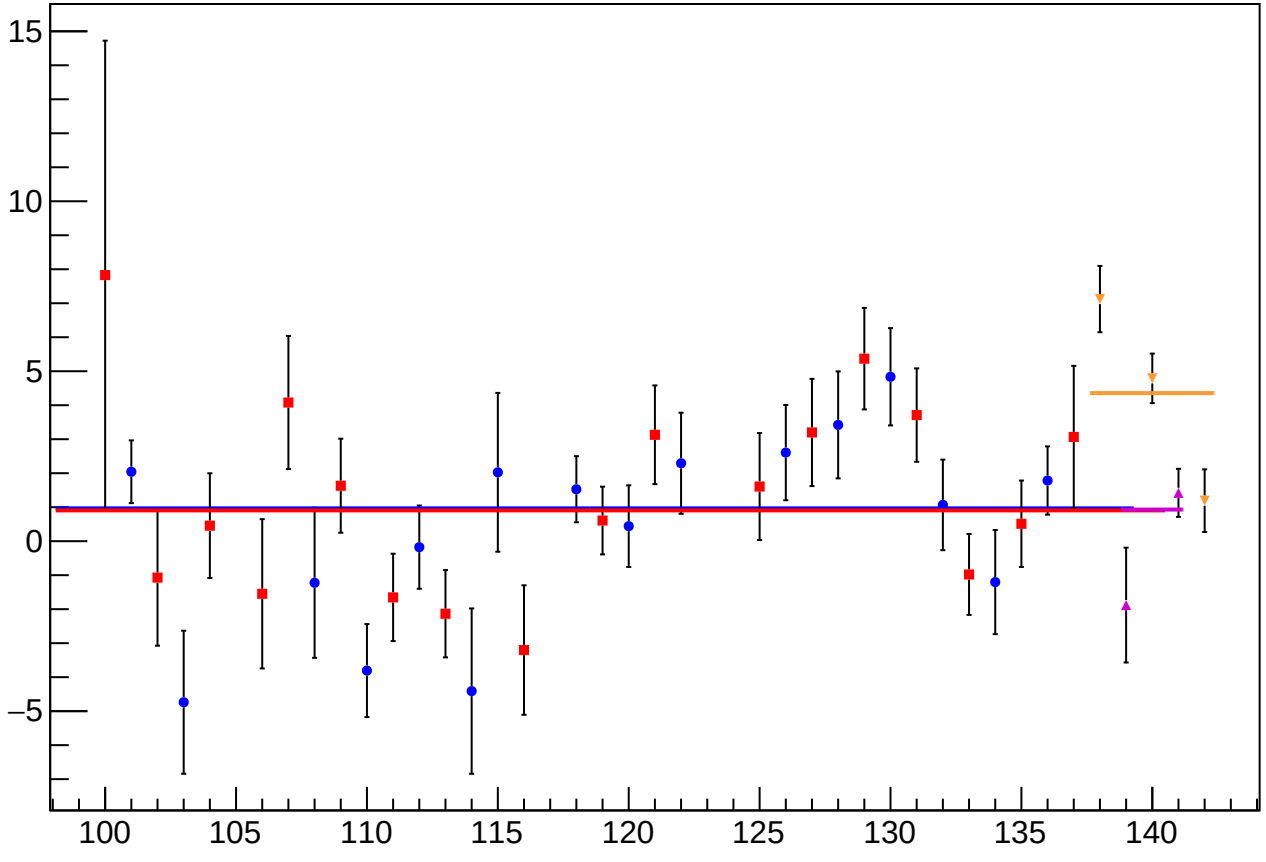
Left In: -5.882+/-0.678 χ^2/NDF:57.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.405+/-0.444 χ^2/NDF: 195.6/4

- 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: 4.357+/-0.493 χ^2/NDF:20.2/2

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

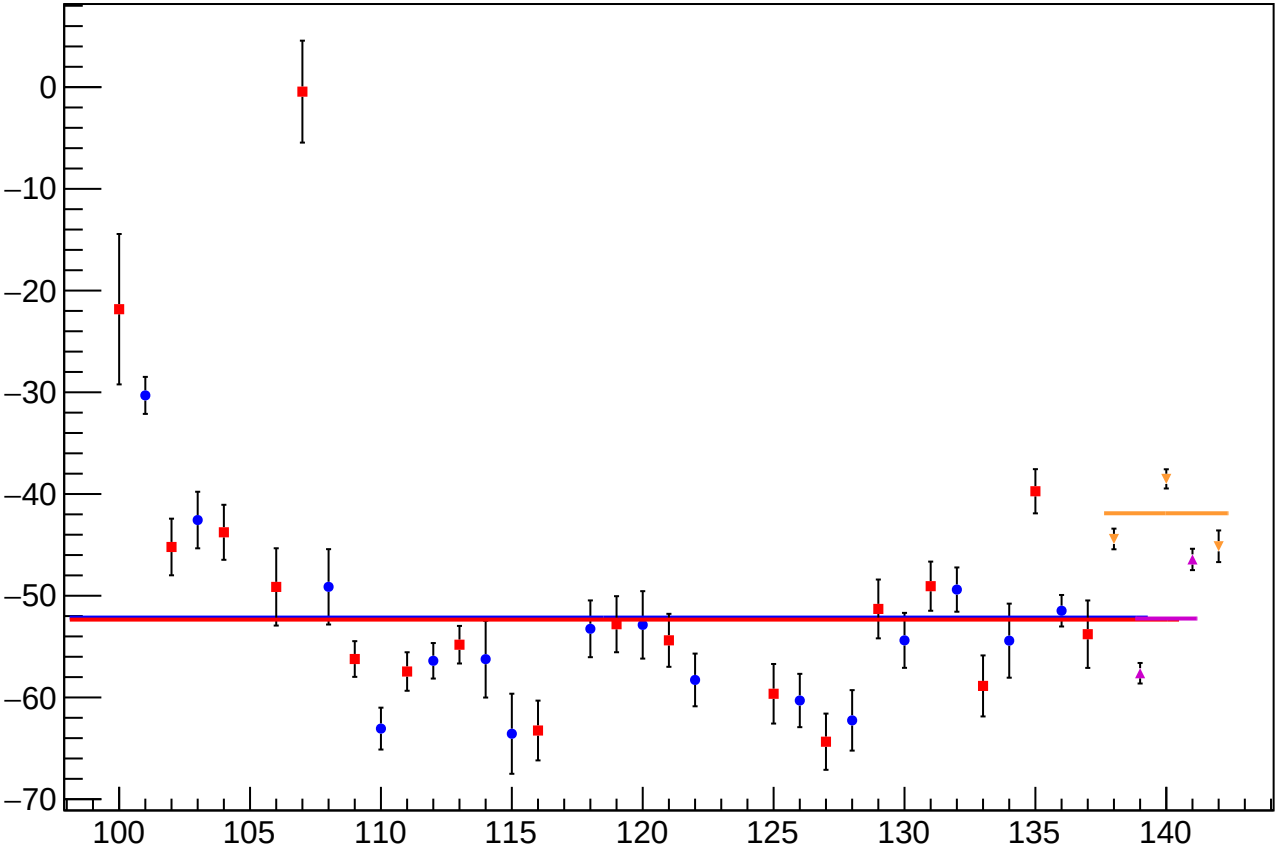
Left In: 0.931+/-0.652 χ^2/NDF:3.3/1

+ sign 2.050+/-0.279 χ^2/NDF: 95.3/18

All: 1.543+/-0.208 χ^2/NDF: 148.0/38

- sign 0.912+/-0.311 χ^2/NDF: 45.2/19

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -41.893+/-0.632 χ^2/NDF:23.4/2

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

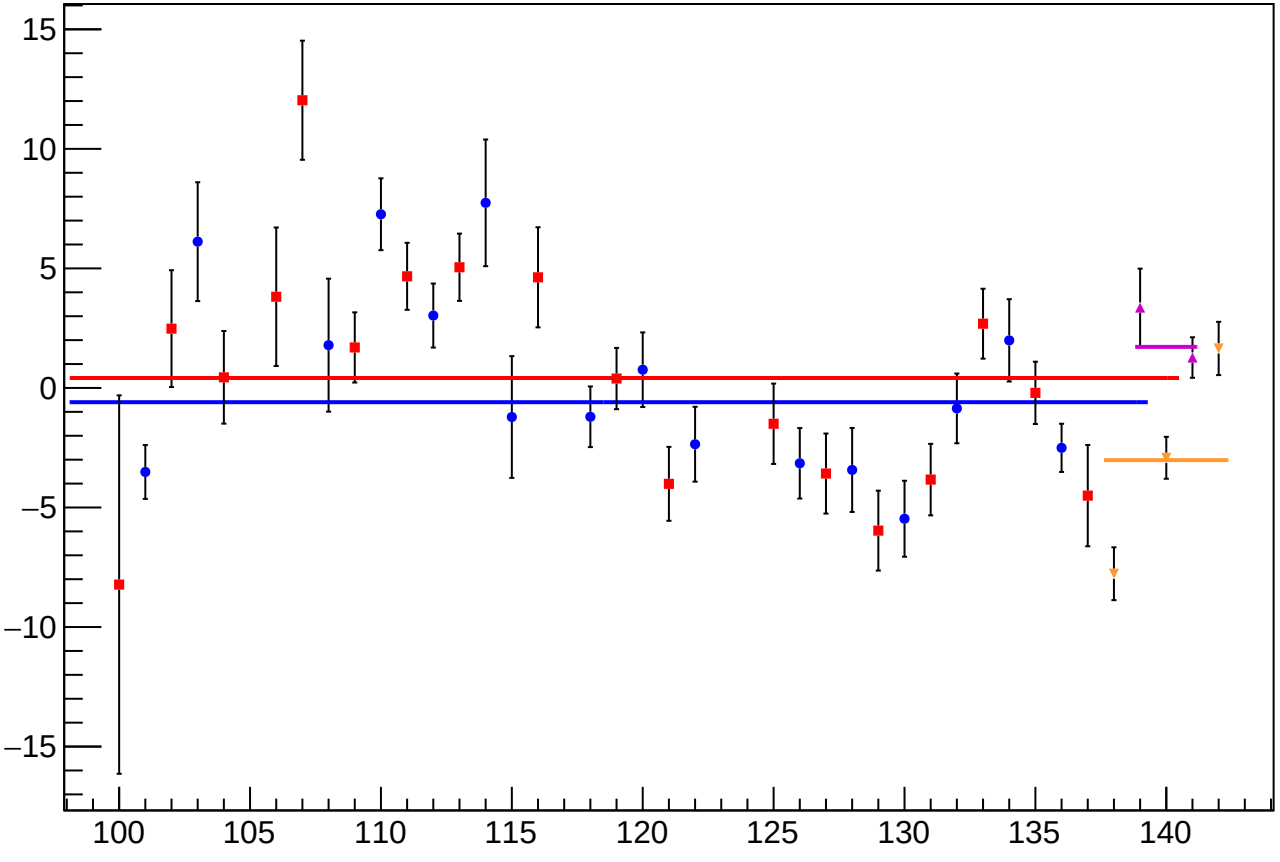
Left In: -52.241+/-0.728 χ^2/NDF:59.0/1

+ sign -47.184+/-0.440 χ^2/NDF: 389.5/18

All: -49.572+/-0.321 χ^2/NDF: 747.5/38

- sign -52.302+/-0.470 χ^2/NDF: 294.8/19

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: -3.019+/-0.584 χ^2/NDF:36.1/2

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

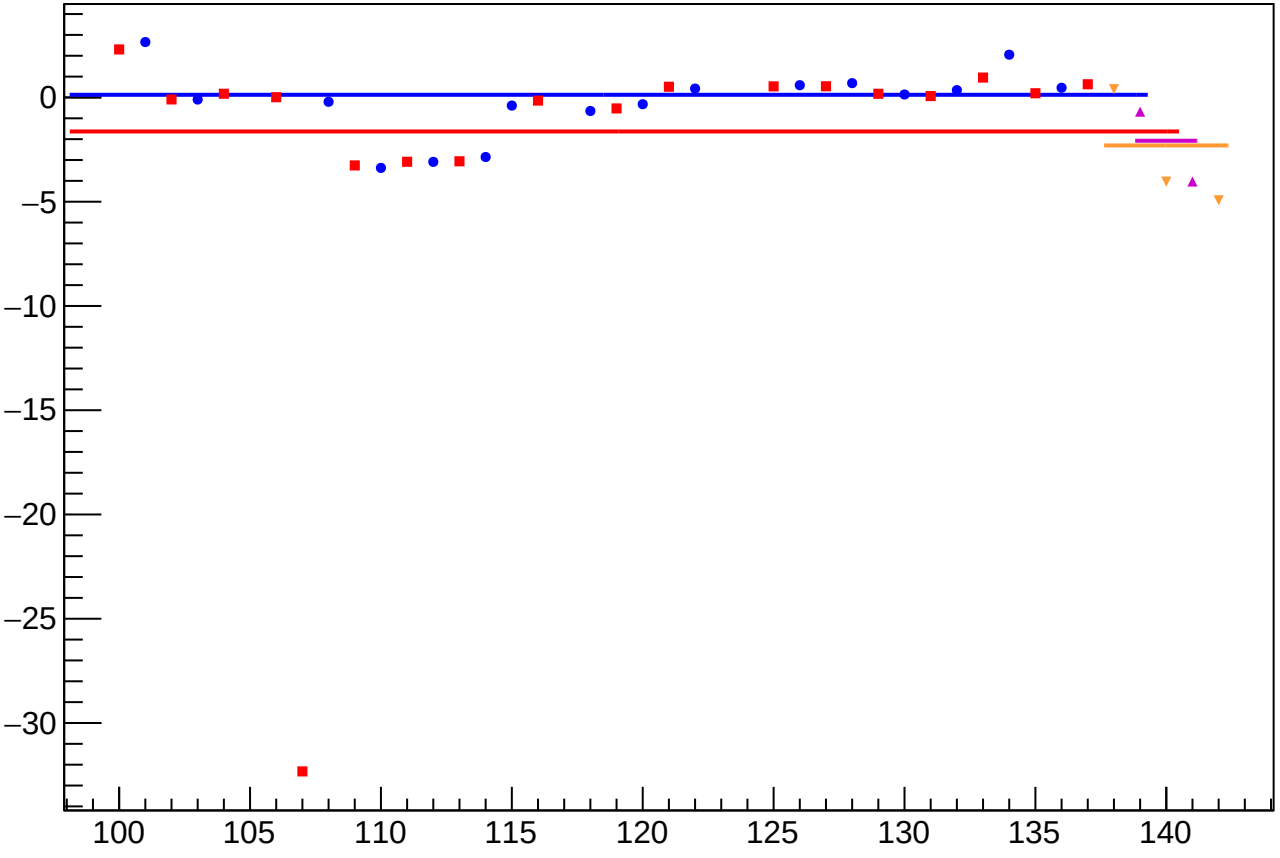
Left In: 1.718+/-0.752 χ^2/NDF:1.3/1

+ sign -1.326+/-0.321 χ^2/NDF: 130.7/18

All: -0.408+/-0.237 χ^2/NDF: 248.2/38

- sign 0.703+/-0.353 χ^2/NDF: 99.4/19

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -2.301+/-0.026 χ^2/NDF:8191.7/2

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

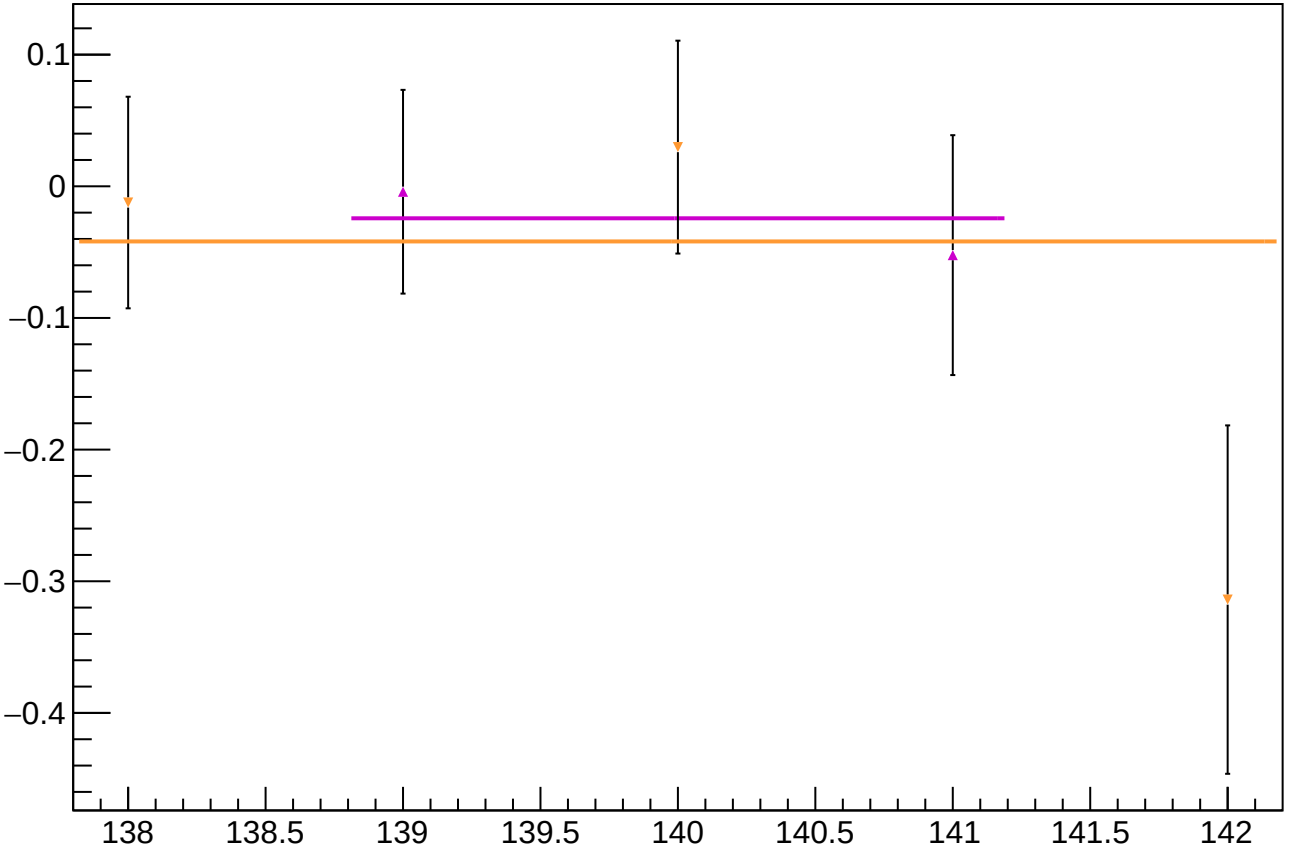
Left In: -2.076+/-0.027 χ^2/NDF:3668.9/1

+ sign -0.861+/-0.017 χ^2/NDF: 18643.0/18

All: -1.319+/-0.012 χ^2/NDF: 101933.8/38

- sign -1.805+/-0.017 χ^2/NDF: 81710.2/19

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.042+/-0.052 χ^2/NDF:5.1/2

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

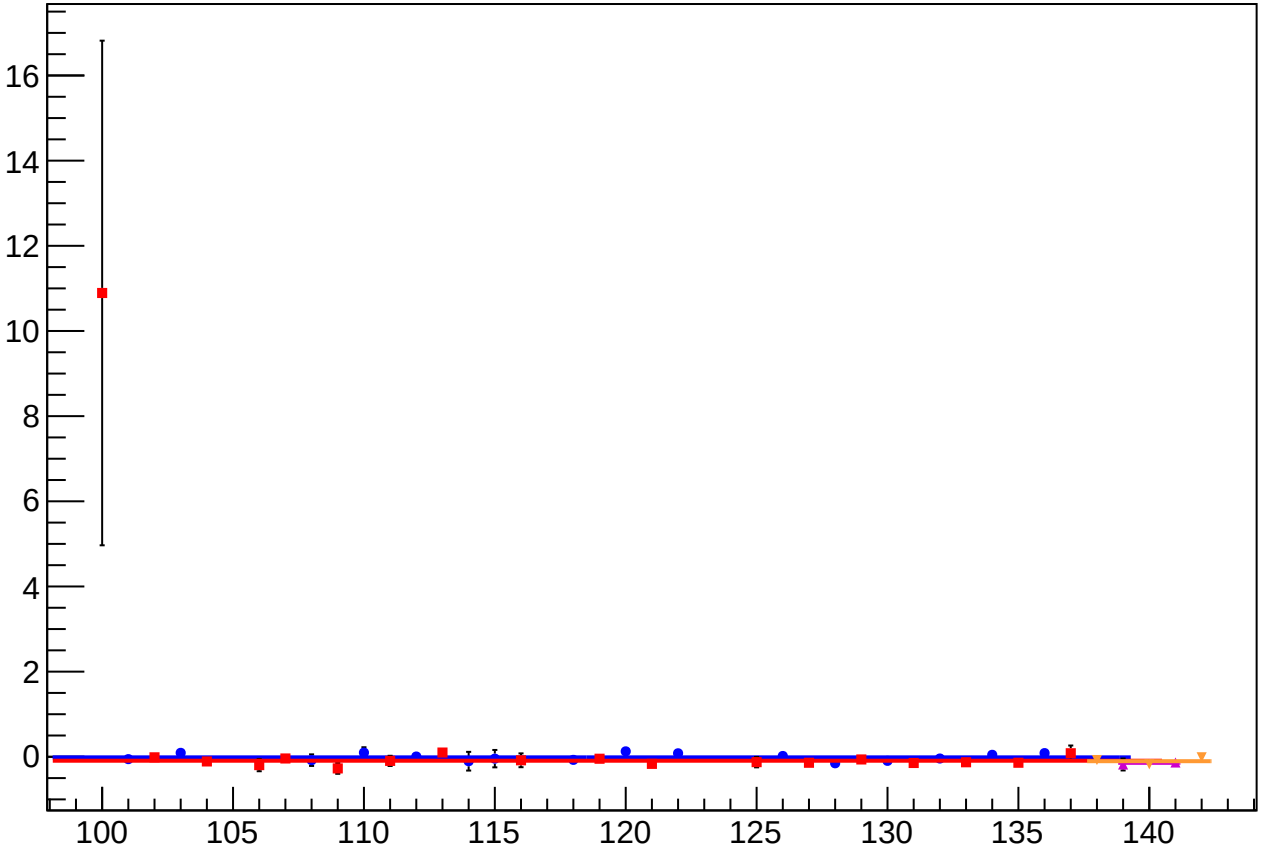
Left In: -0.024+/-0.059 χ^2/NDF:0.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.034+/-0.039 χ^2/NDF: 5.4/4

- 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: -0.103+/-0.045 χ^2/NDF:2.5/2

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

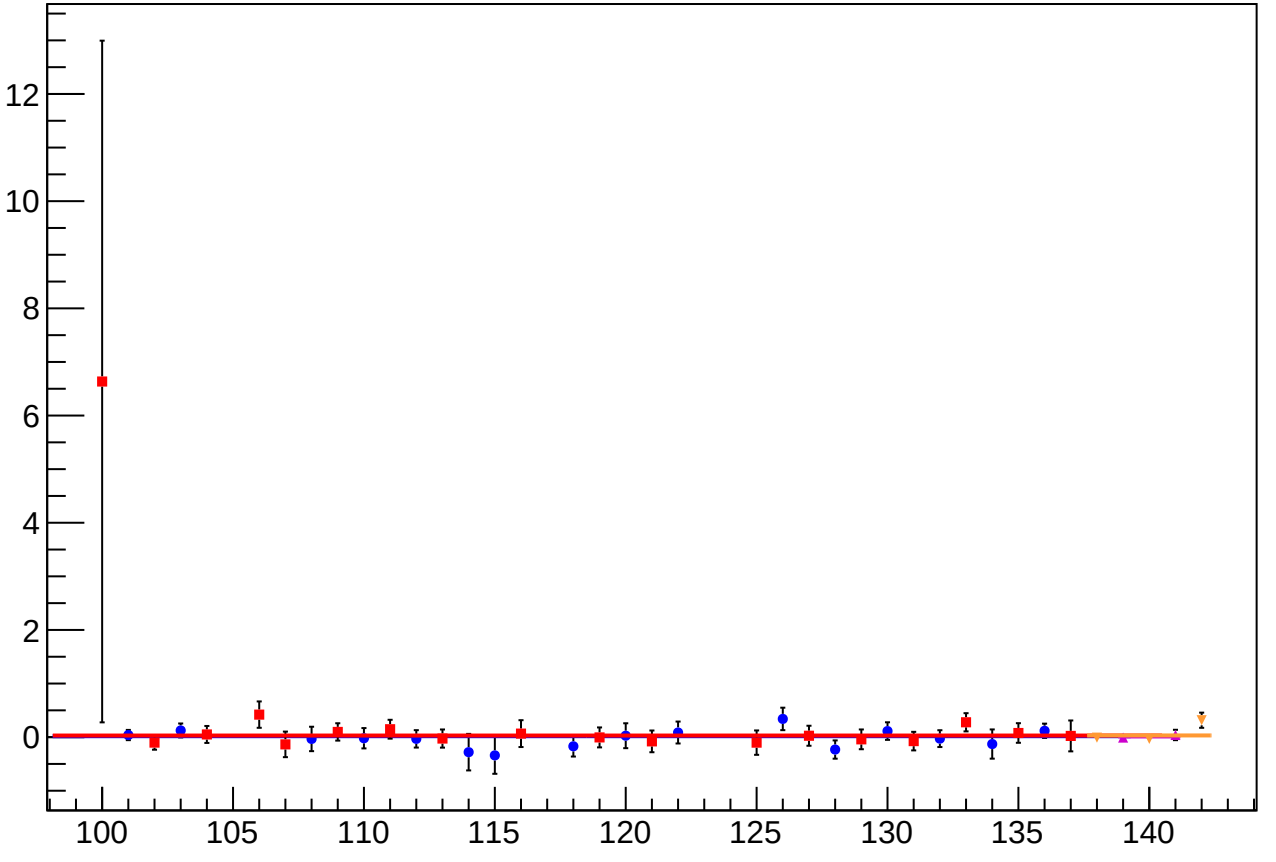
Left In: -0.142+/-0.059 χ^2/NDF:0.1/1

+ sign -0.032+/-0.021 χ^2/NDF: 17.9/18

All: -0.062+/-0.015 χ^2/NDF: 36.1/38

- sign -0.100+/-0.023 χ^2/NDF: 13.4/19

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.032+/-0.056 χ^2/NDF:4.8/2

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

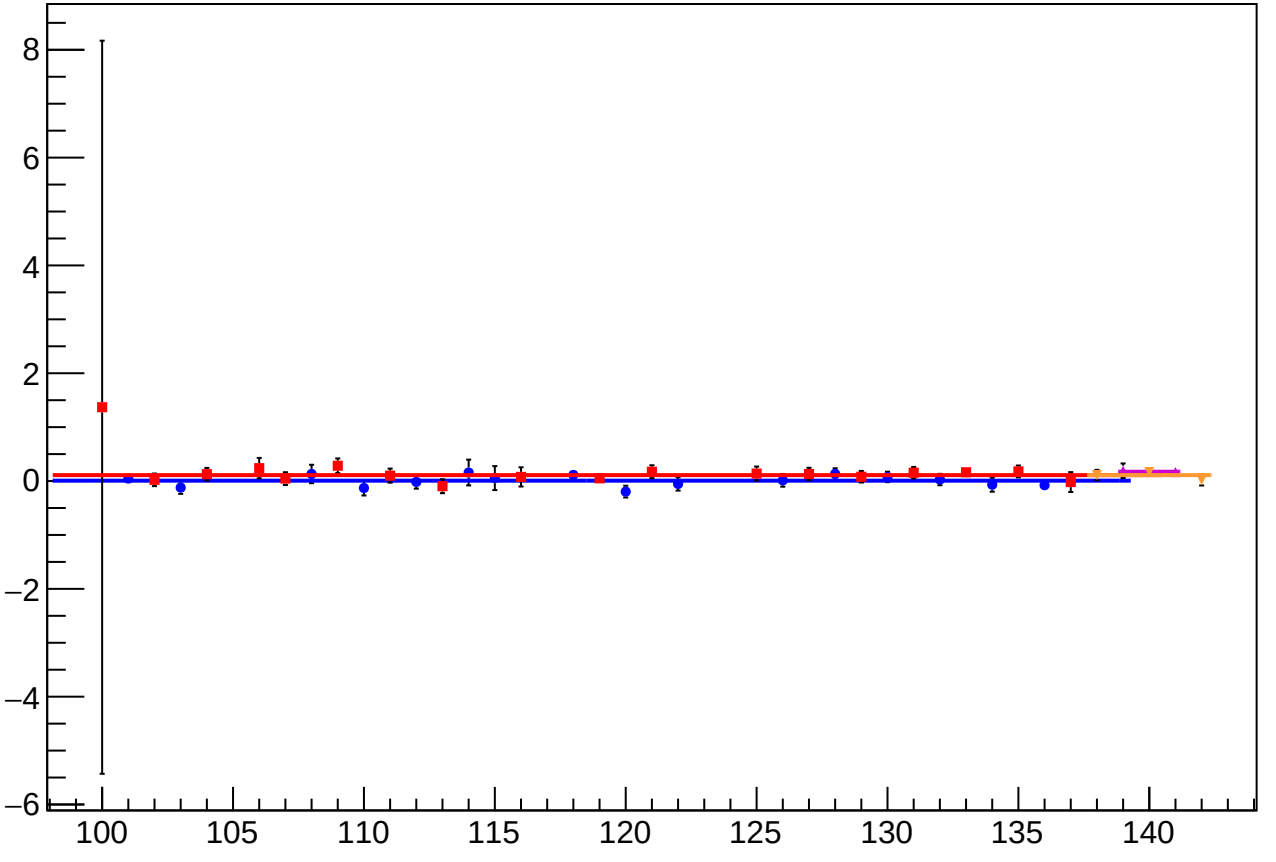
Left In: 0.013+/-0.063 χ^2/NDF:0.1/1

+ sign 0.023+/-0.034 χ^2/NDF: 14.5/18

All: 0.023+/-0.025 χ^2/NDF: 23.9/38

- sign 0.024+/-0.037 χ^2/NDF: 9.4/19

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007+/-0.027 χ^2/NDF: 12.1/15

Left Out: 0.110+/-0.053 χ^2/NDF:1.3/2

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

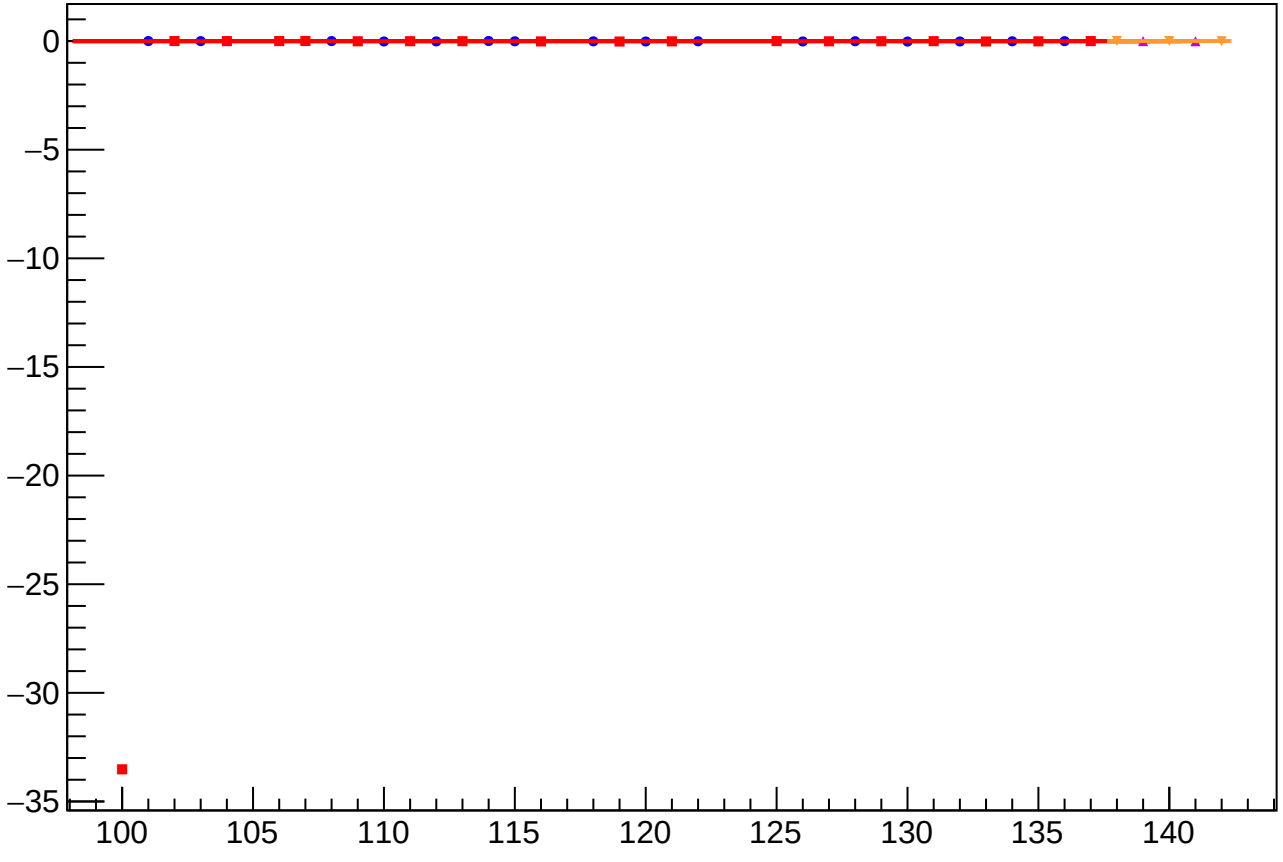
Left In: 0.173+/-0.068 χ^2/NDF:0.0/1

+ sign 0.028+/-0.024 χ^2/NDF: 16.5/18

All: 0.069+/-0.018 χ^2/NDF: 31.7/38

- sign 0.119+/-0.026 χ^2/NDF: 8.7/19

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: 0.001+/-0.002 χ^2/NDF:4.0/2

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

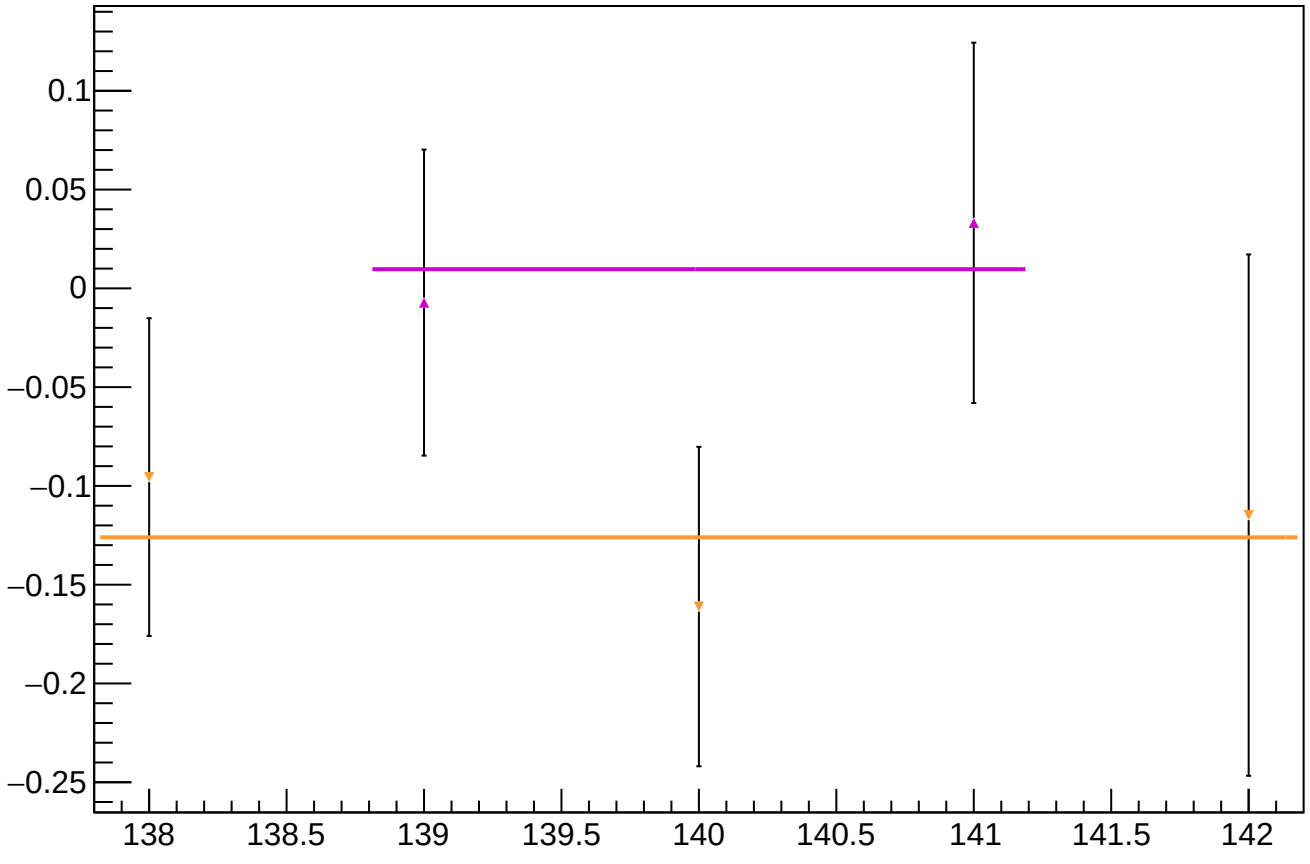
Left In: -0.003+/-0.002 χ^2/NDF:1.6/1

+ sign -0.004+/-0.001 χ^2/NDF: 32.8/18

All: -0.004+/-0.001 χ^2/NDF: 26545.1/38

- sign -0.005+/-0.001 χ^2/NDF: 26511.4/19

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.126+/-0.052 χ^2/NDF:0.3/2

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

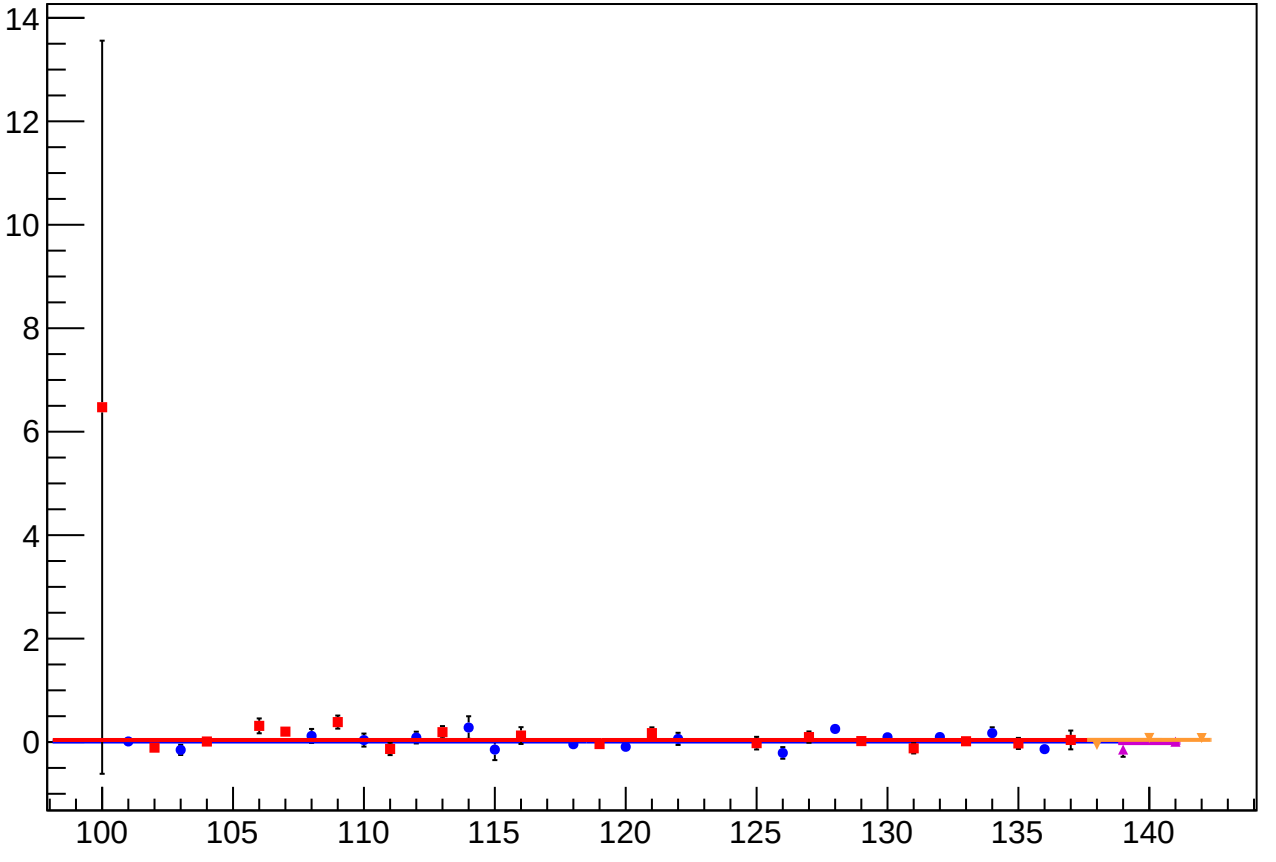
Left In: 0.010+/-0.059 χ^2/NDF:0.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.066+/-0.039 χ^2/NDF: 3.4/4

- 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: 0.042+/-0.045 χ^2/NDF:1.8/2

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

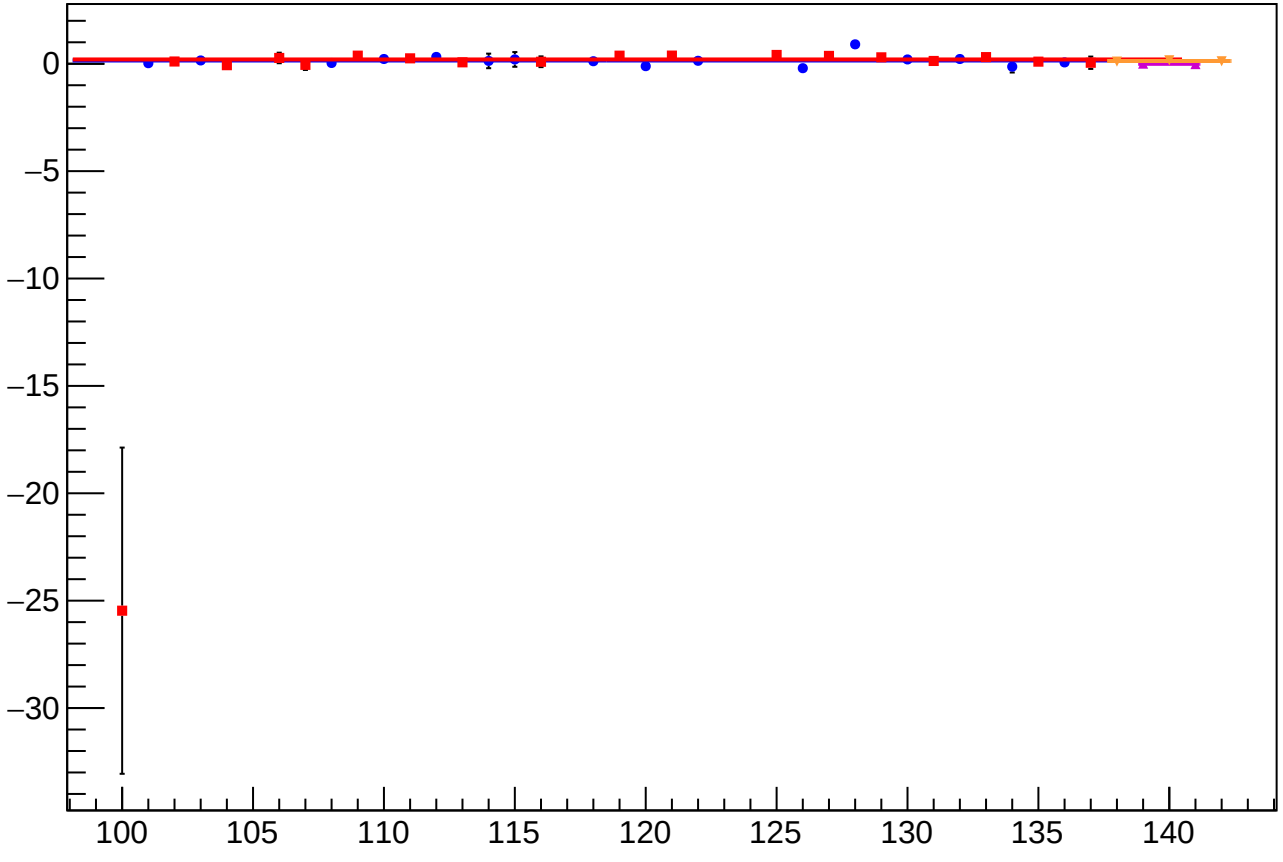
Left In: -0.020+/-0.059 χ^2/NDF:1.0/1

+ sign 0.017+/-0.021 χ^2/NDF: 27.6/18

All: 0.024+/-0.015 χ^2/NDF: 57.6/38

- sign 0.031+/-0.023 χ^2/NDF: 29.8/19

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.129+/-0.056 χ^2/NDF:0.3/2

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

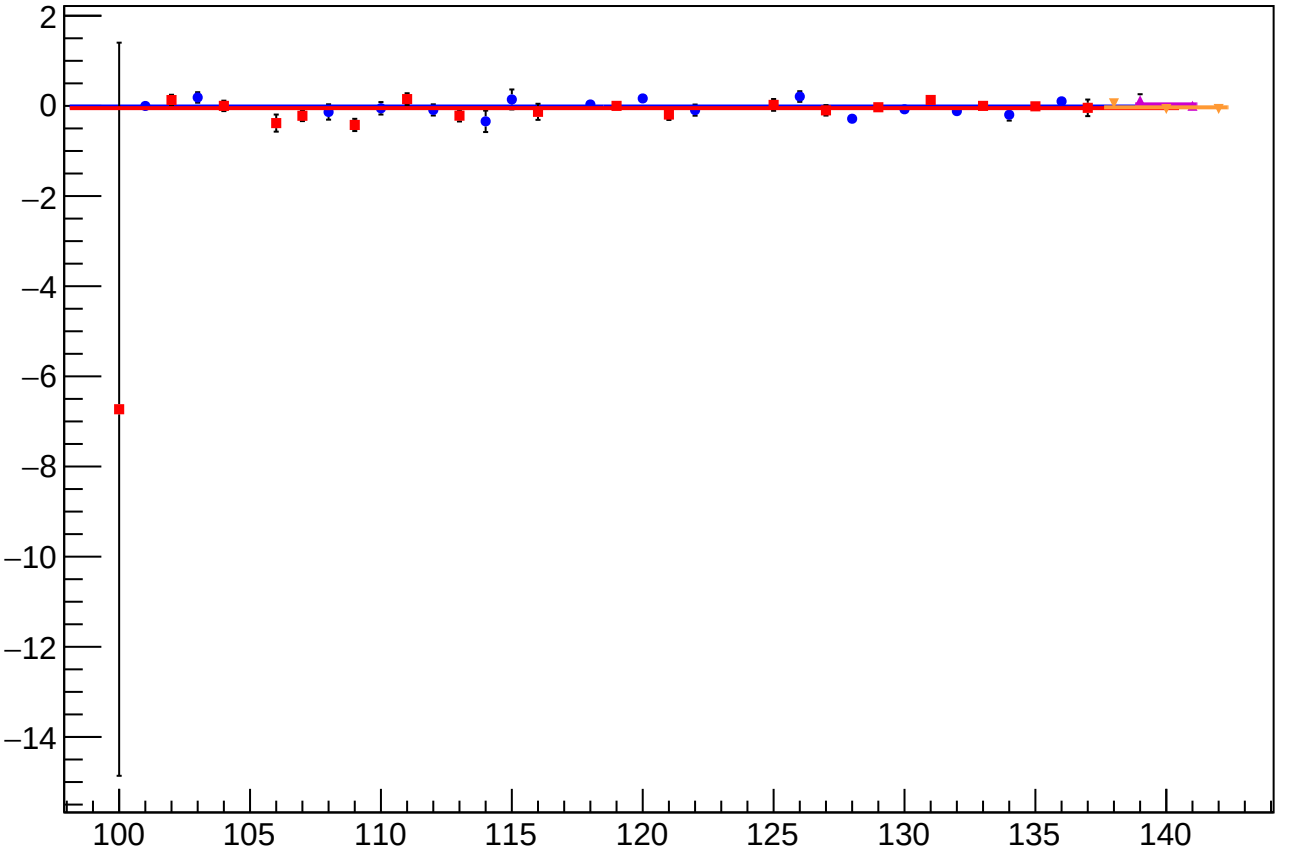
Left In: -0.003+/-0.063 χ^2/NDF:0.0/1

+ sign 0.143+/-0.034 χ^2/NDF: 29.1/18

All: 0.138+/-0.025 χ^2/NDF: 58.9/38

- sign 0.132+/-0.037 χ^2/NDF: 29.8/19

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: -0.032+/-0.053 χ^2/NDF:1.2/2

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

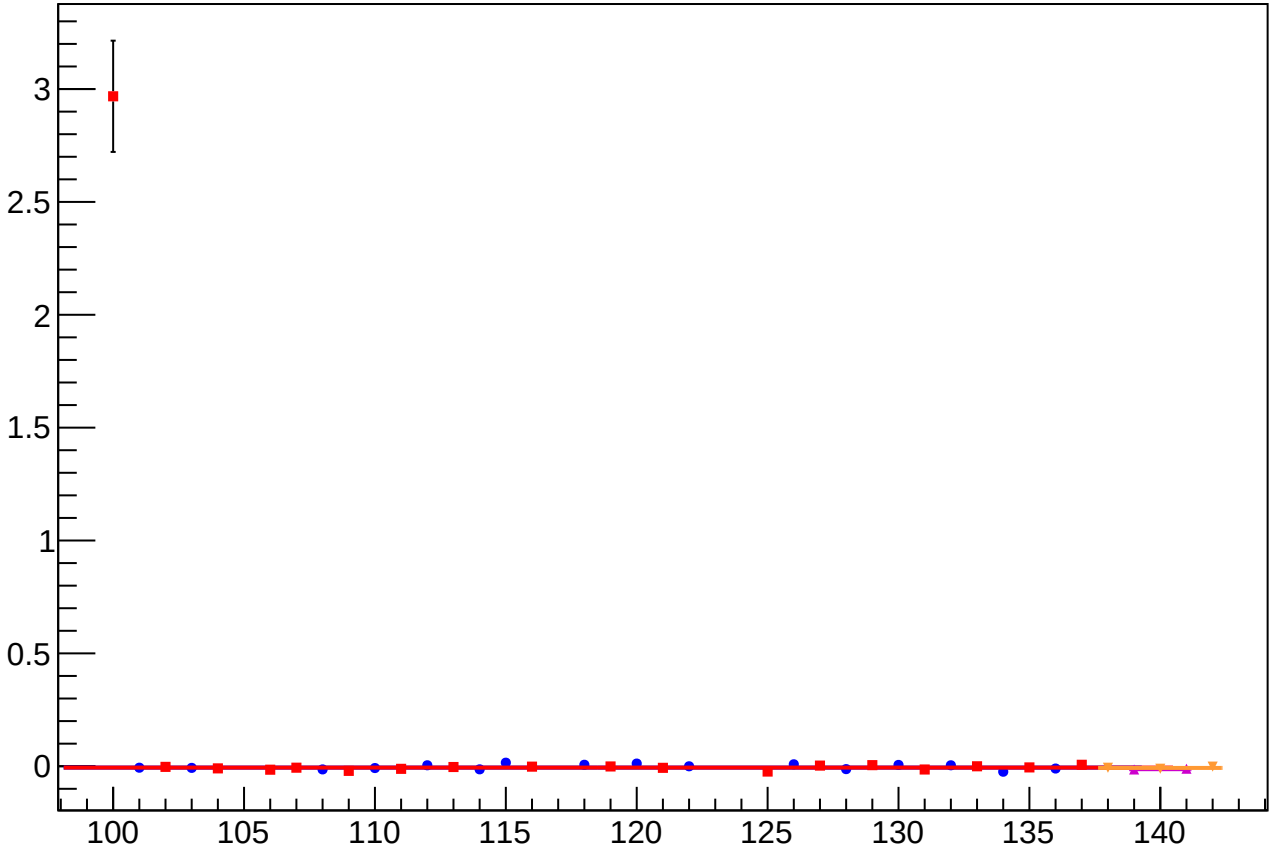
Left In: 0.034+/-0.068 χ^2/NDF:0.6/1

+ sign -0.017+/-0.024 χ^2/NDF: 26.4/18

All: -0.026+/-0.018 χ^2/NDF: 54.4/38

- sign -0.037+/-0.026 χ^2/NDF: 27.6/19

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.008+/-0.002 χ^2/NDF:2.0/2

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

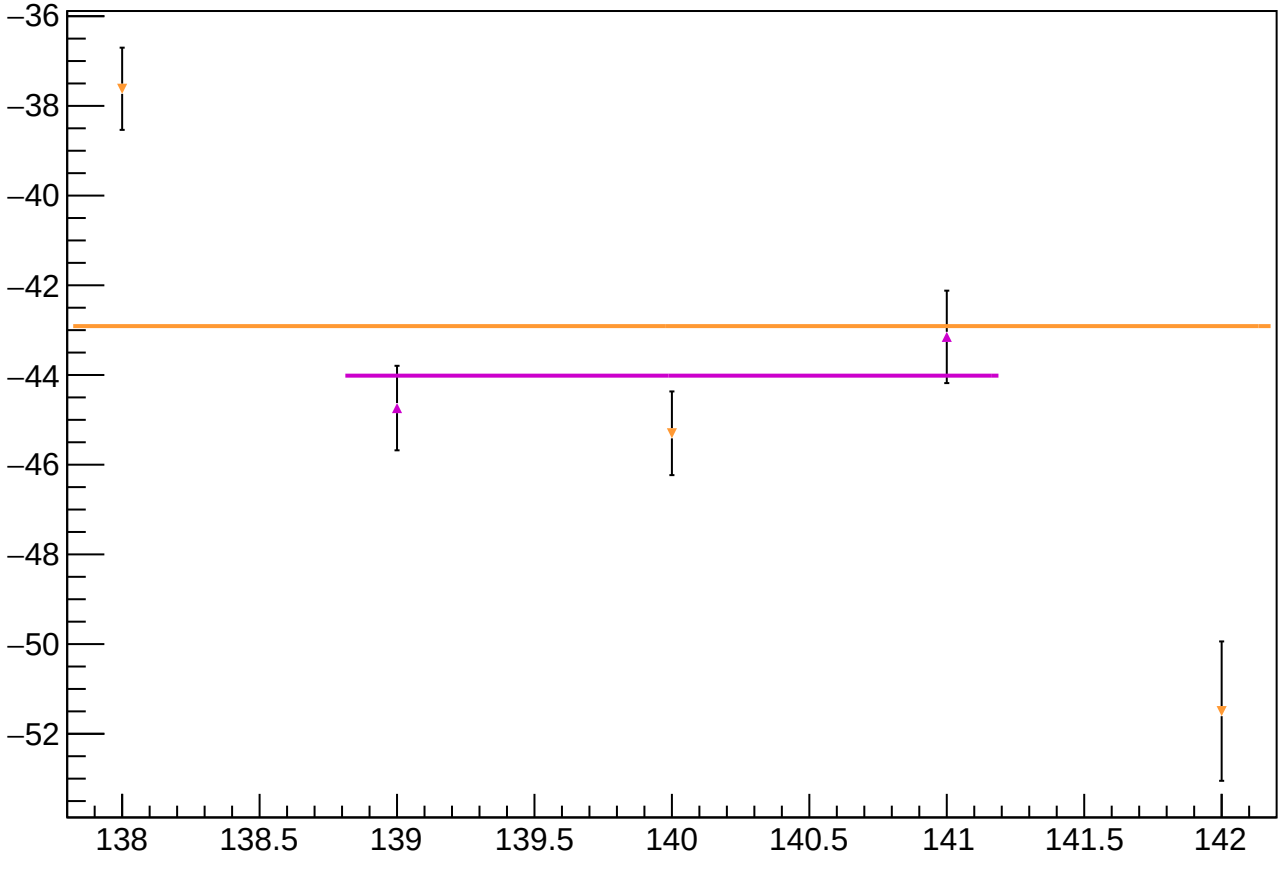
Left In: -0.013+/-0.002 χ^2/NDF:0.5/1

+ sign -0.006+/-0.001 χ^2/NDF: 31.3/18

All: -0.007+/-0.001 χ^2/NDF: 204.9/38

- sign -0.008+/-0.001 χ^2/NDF: 172.8/19

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -42.910+/-0.603 χ^2/NDF:70.4/2

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

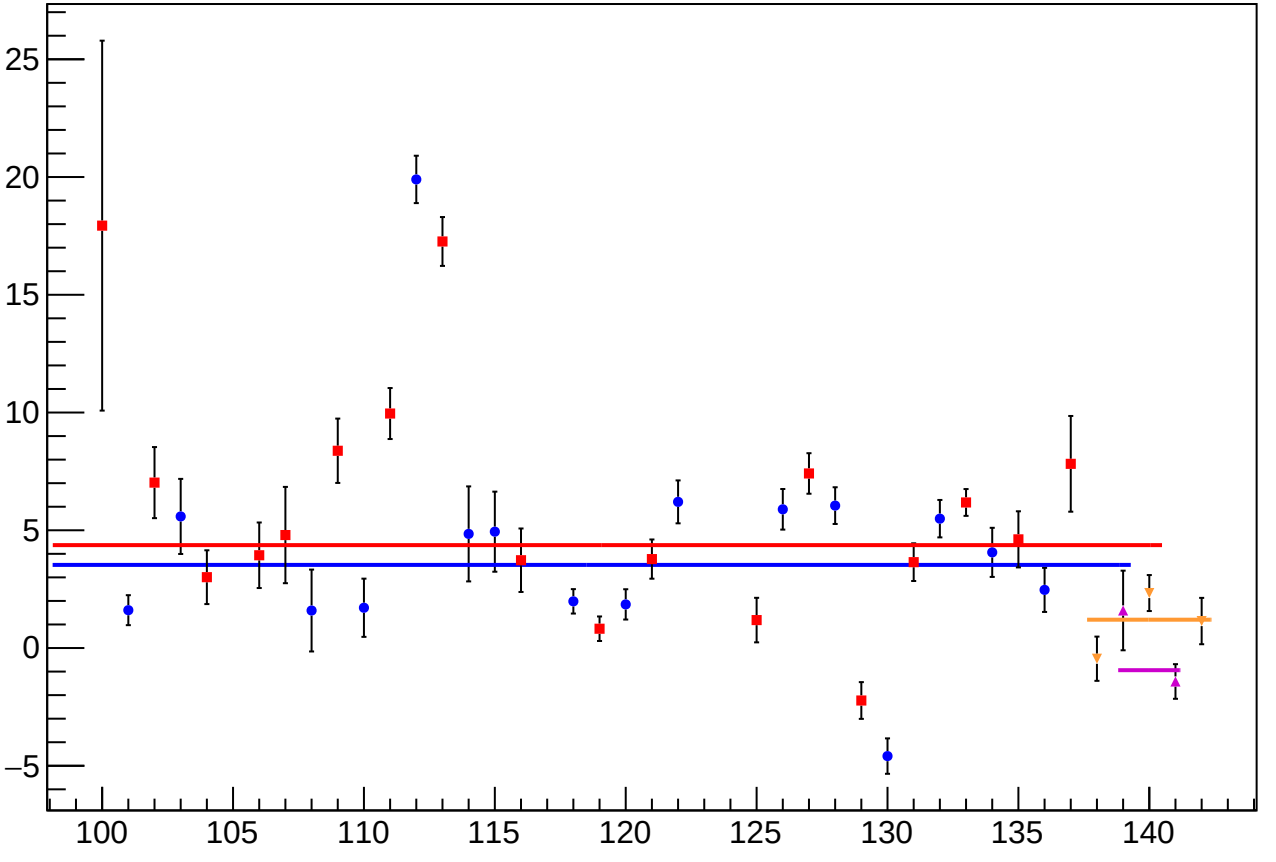
Left In: -44.015+/-0.695 χ^2/NDF:1.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -43.384+/-0.455 χ^2/NDF: 73.2/4

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530+/-0.217 χ^2/NDF: 446.6/15

Left Out: 1.203+/-0.508 χ^2/NDF:5.3/2

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

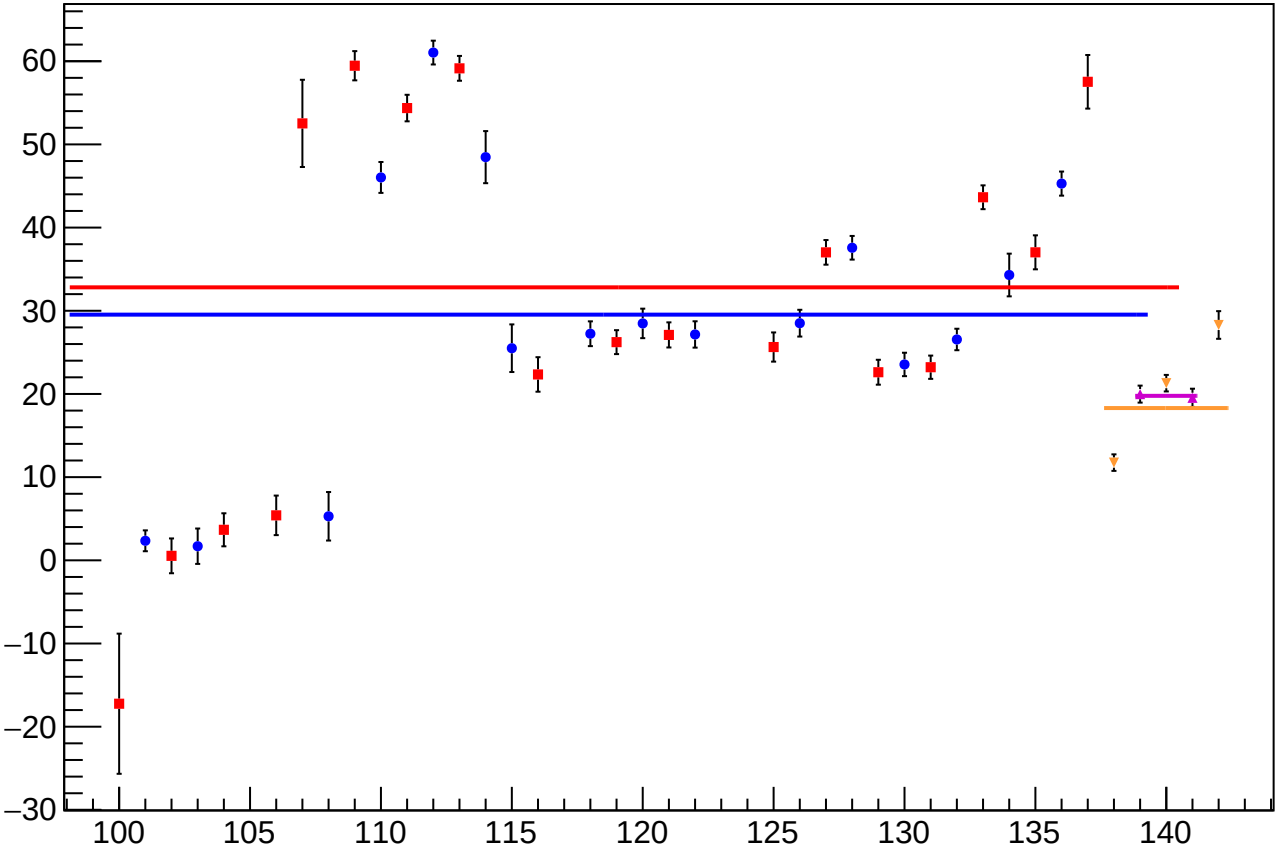
Left In: -0.941+/-0.674 χ^2/NDF:2.7/1

+ sign 3.169+/-0.200 χ^2/NDF: 469.6/18

All: 3.480+/-0.146 χ^2/NDF: 887.1/38

- sign 3.836+/-0.214 χ^2/NDF: 412.3/19

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 18.305+/-0.647 χ^2/NDF:88.7/2

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

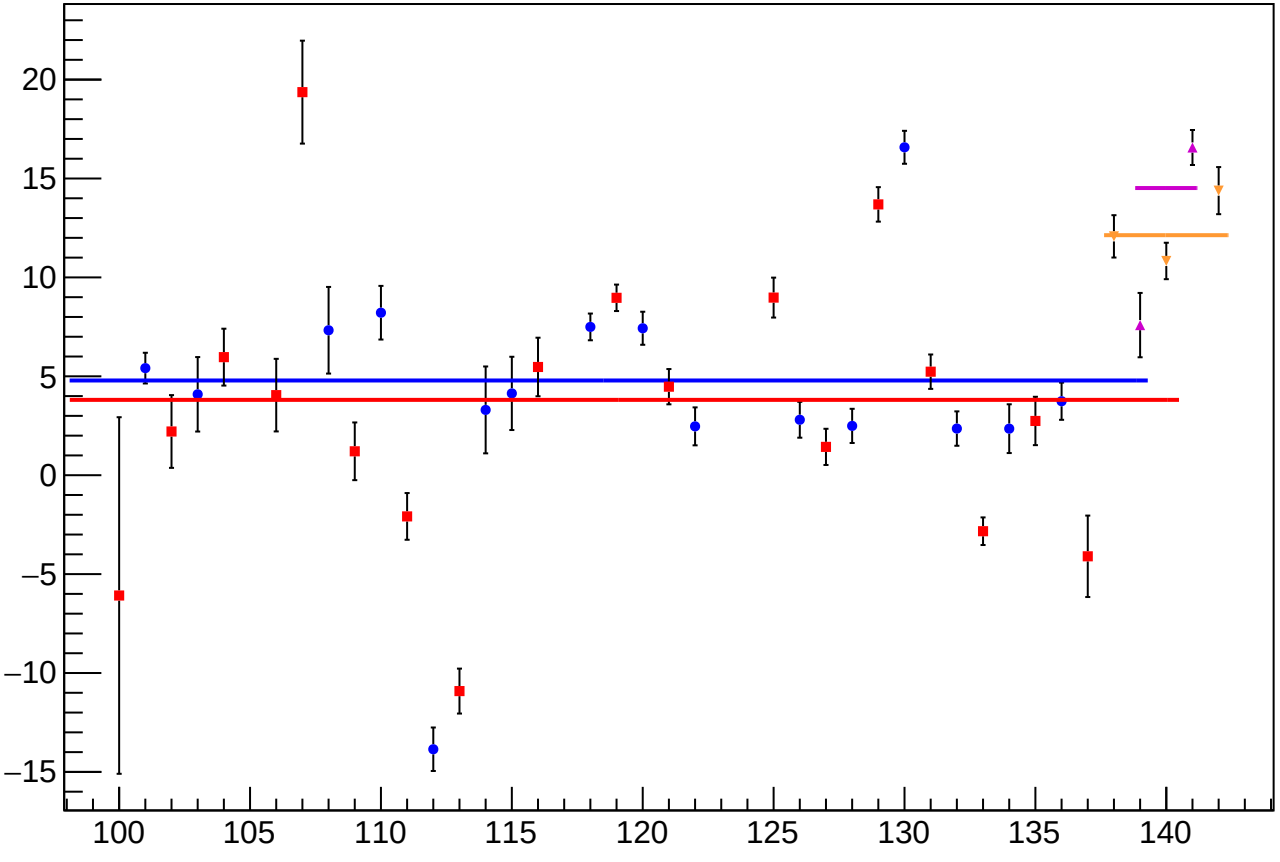
Left In: 19.774+/-0.747 χ^2/NDF:0.1/1

+ sign 26.243+/-0.350 χ^2/NDF: 1796.4/18

All: 27.863+/-0.254 χ^2/NDF: 3731.7/38

- sign 29.651+/-0.368 χ^2/NDF: 1890.3/19

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 12.135+/-0.602 χ^2/NDF:5.6/2

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

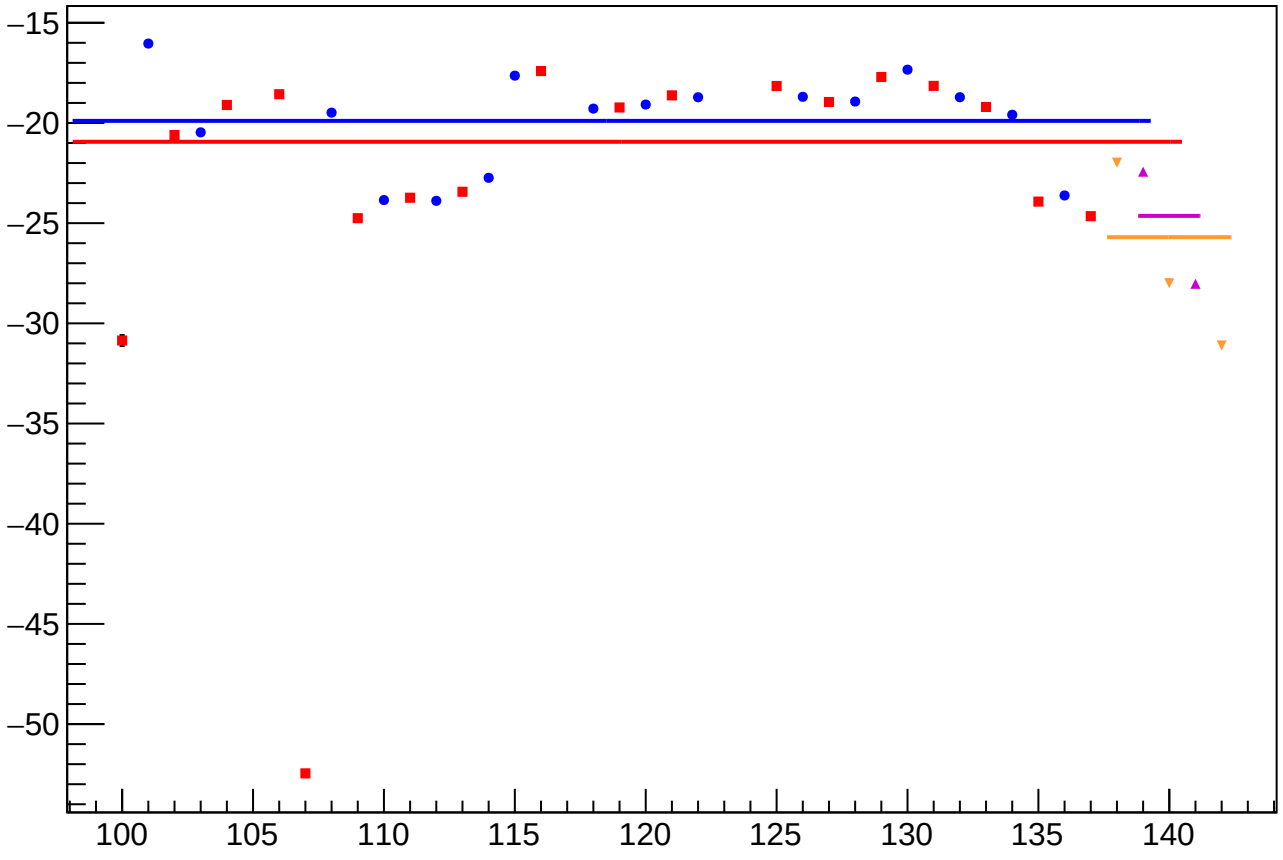
Left In: 14.518+/-0.777 χ^2/NDF:23.5/1

+ sign 5.877+/-0.232 χ^2/NDF: 686.2/18

All: 5.407+/-0.169 χ^2/NDF: 1457.0/38

- sign 4.878+/-0.246 χ^2/NDF: 762.1/19

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -25.700+/-0.027 χ^2/NDF:18412.0/2

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

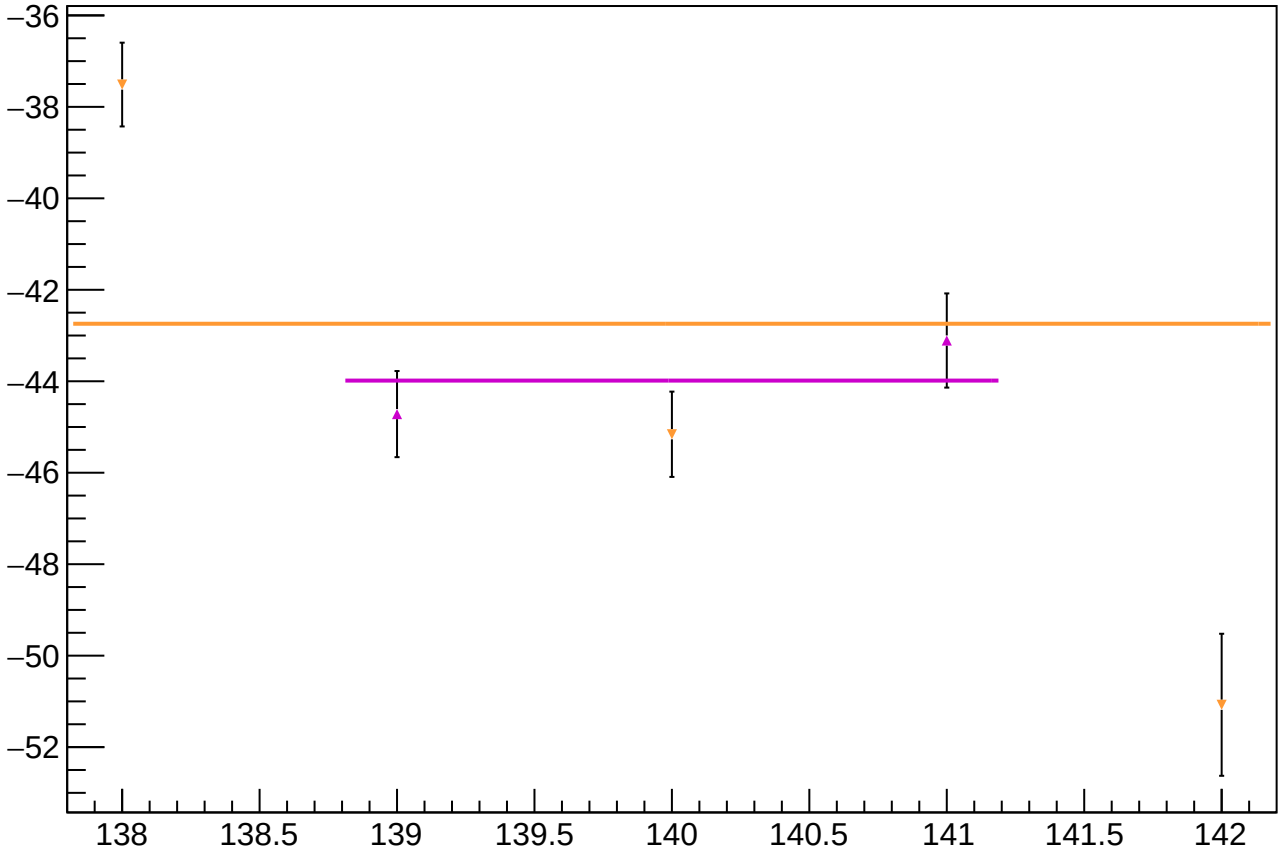
Left In: -24.637+/-0.028 χ^2/NDF:9648.3/1

+ sign -21.374+/-0.013 χ^2/NDF: 79900.5/18

All: -21.599+/-0.010 χ^2/NDF: 197573.5/38

- sign -21.832+/-0.014 χ^2/NDF: 117102.5/19

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -42.742+/-0.602 χ^2/NDF:68.1/2

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

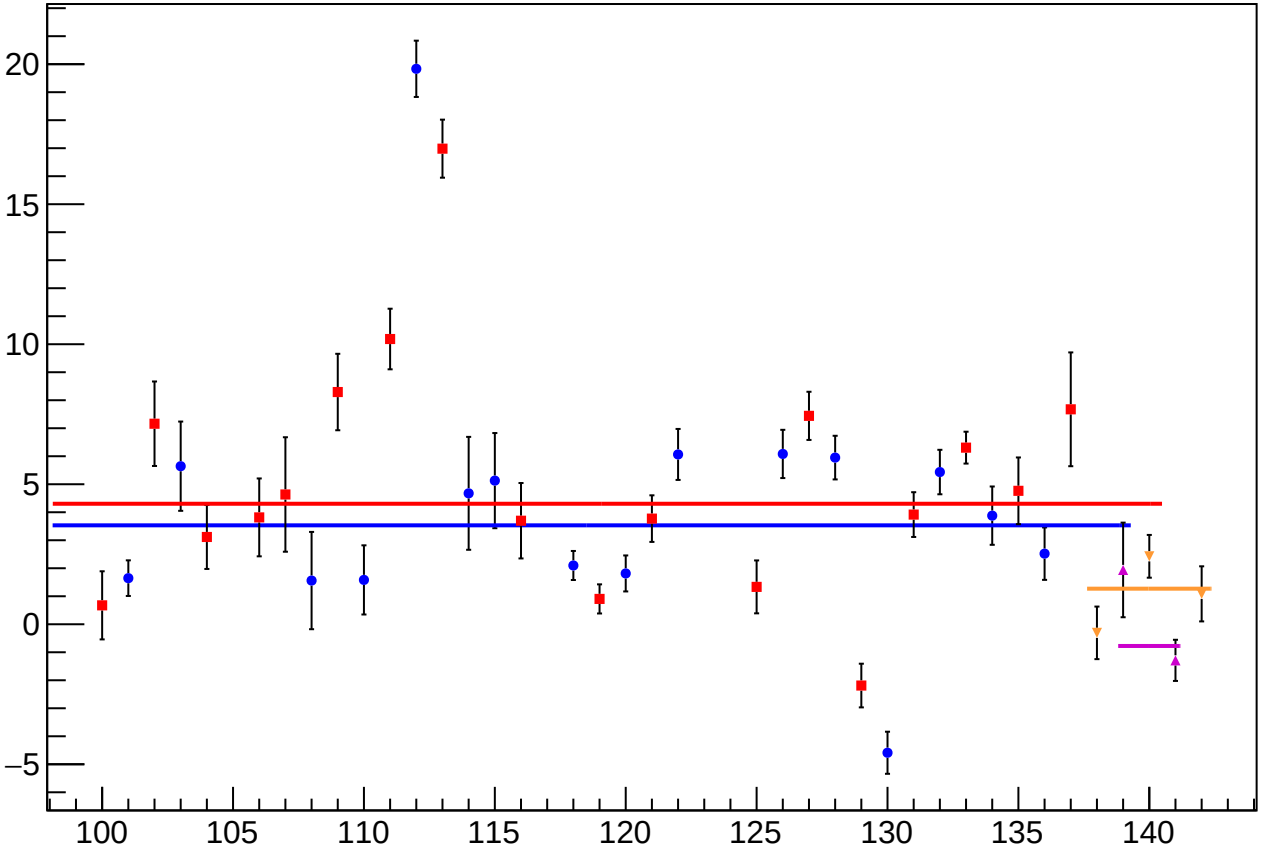
Left In: -43.985+/-0.695 χ^2/NDF:1.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -43.276+/-0.455 χ^2/NDF: 71.3/4

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532+/-0.217 χ^2/NDF: 443.2/15

Left Out: 1.270+/-0.507 χ^2/NDF:5.2/2

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

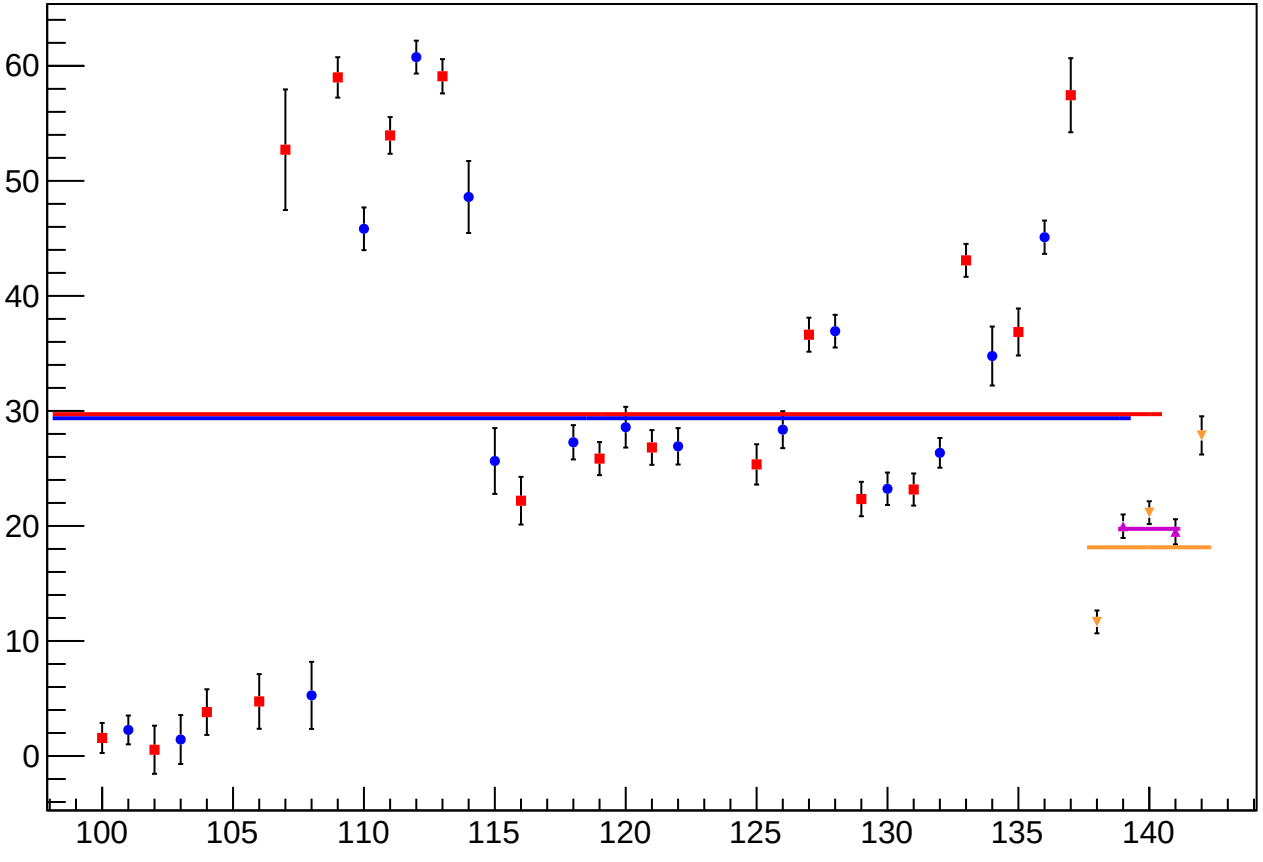
Left In: -0.776+/-0.674 χ^2/NDF:3.1/1

+ sign 3.182+/-0.200 χ^2/NDF: 465.2/18

All: 3.479+/-0.145 χ^2/NDF: 877.0/38

- sign 3.808+/-0.210 χ^2/NDF: 407.1/19

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 18.145+/-0.647 χ^2/NDF:86.1/2

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

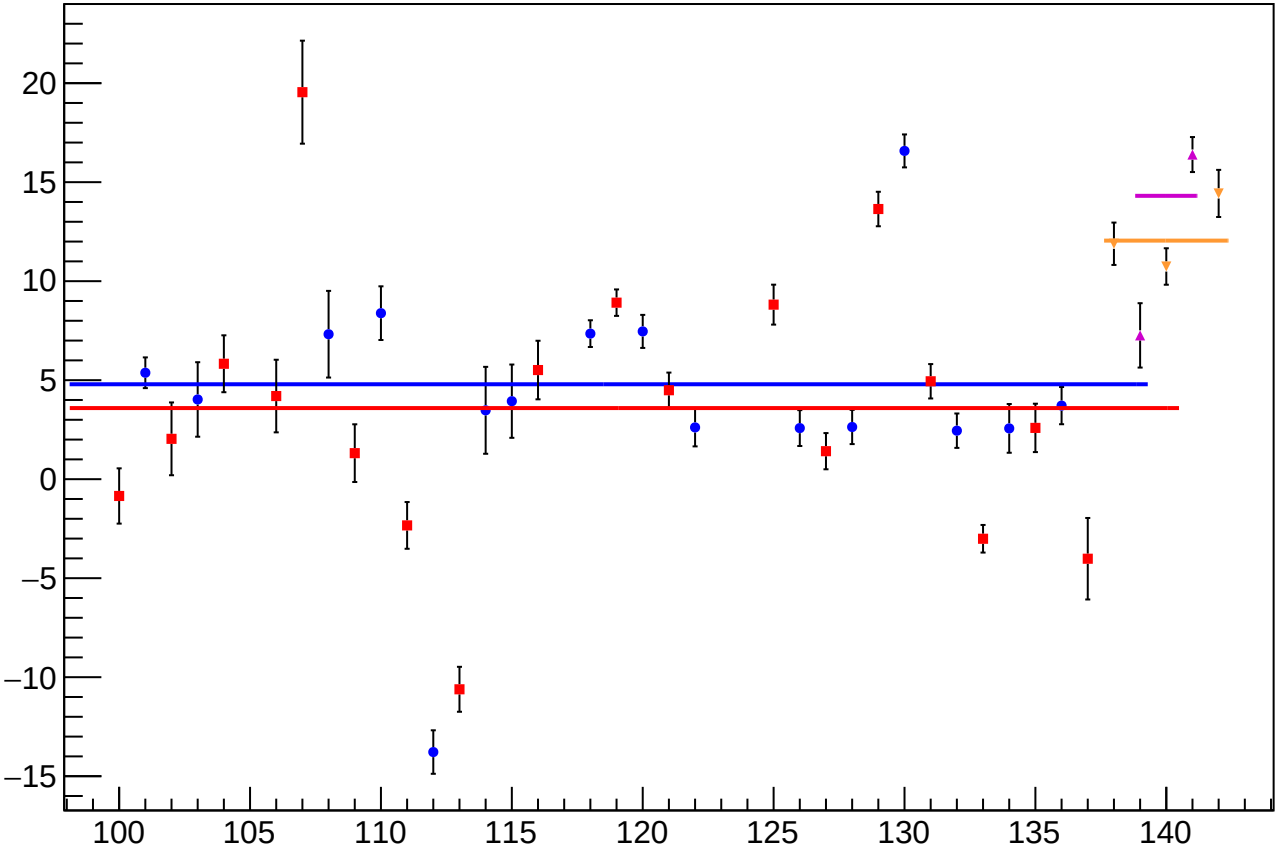
Left In: 19.750+/-0.746 χ^2/NDF:0.1/1

+ sign 26.078+/-0.350 χ^2/NDF: 1787.6/18

All: 26.768+/-0.249 χ^2/NDF: 4063.3/38

- sign 27.473+/-0.354 χ^2/NDF: 2267.8/19

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 12.049+/-0.602 χ^2/NDF:6.0/2

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

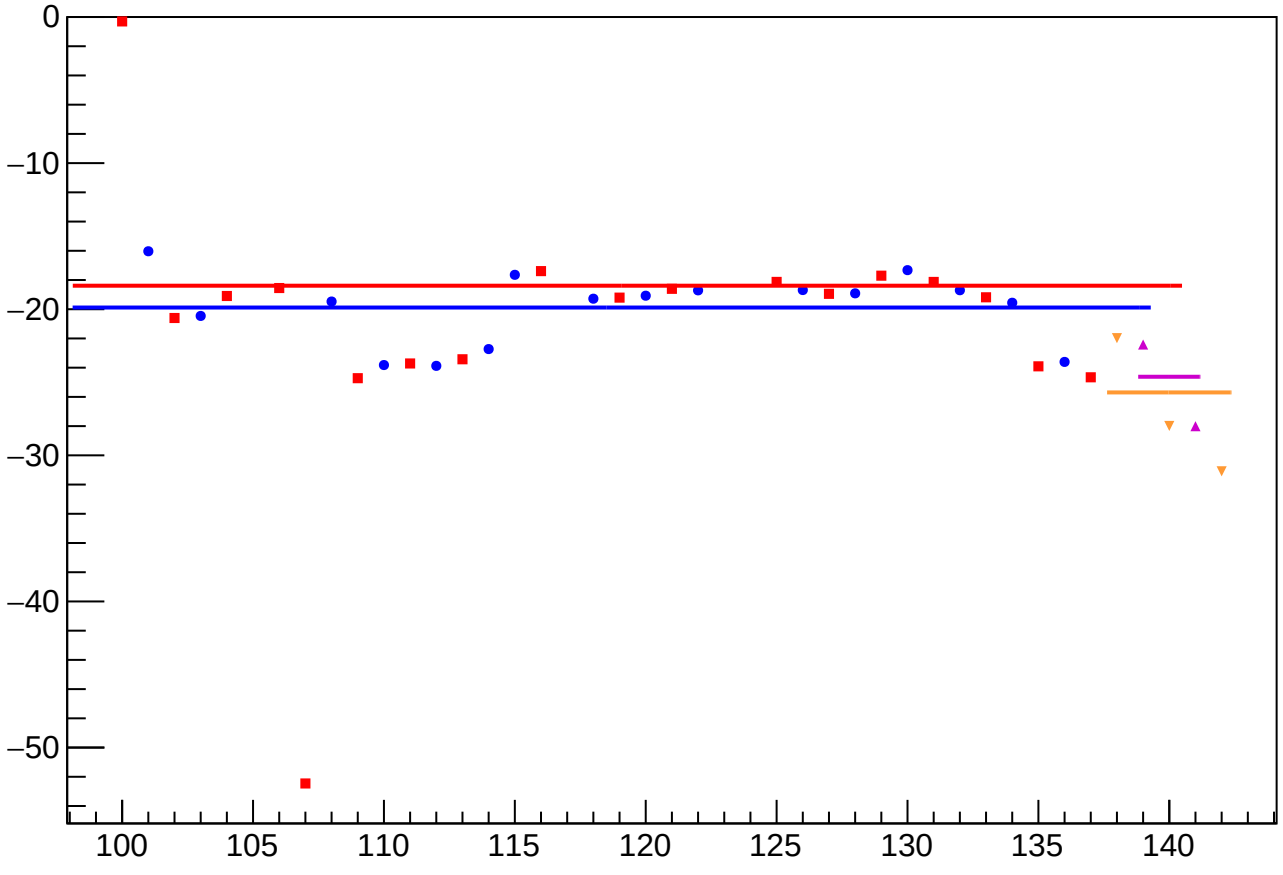
Left In: 14.310+/-0.777 χ^2/NDF:24.4/1

+ sign 5.869+/-0.232 χ^2/NDF: 679.7/18

All: 5.276+/-0.167 χ^2/NDF: 1463.2/38

- sign 4.631+/-0.242 χ^2/NDF: 769.8/19

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -25.694+/-0.027 χ^2/NDF:18388.1/2

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

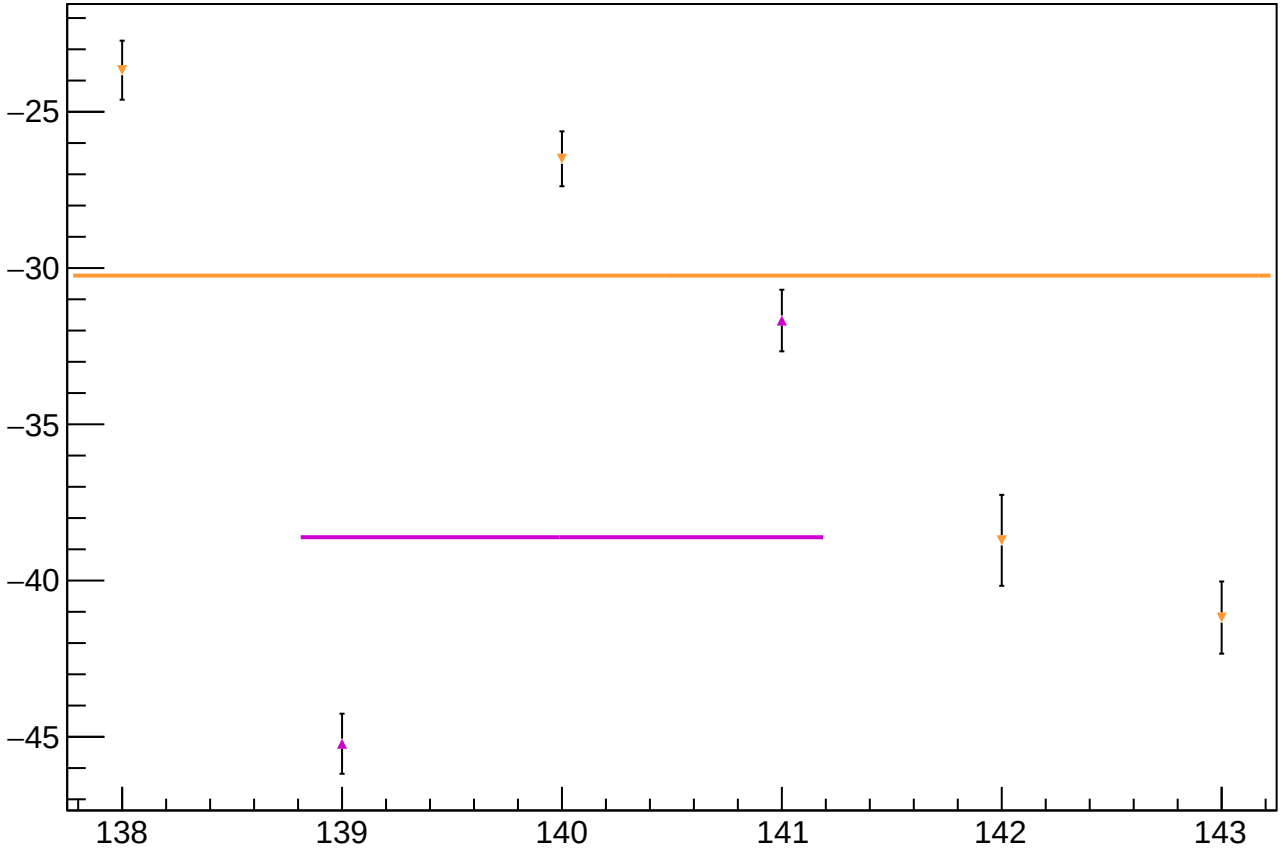
Left In: -24.621+/-0.028 χ^2/NDF:9649.0/1

+ sign -21.363+/-0.013 χ^2/NDF: 79981.0/18

All: -20.535+/-0.009 χ^2/NDF: 437449.3/38

- sign -19.756+/-0.013 χ^2/NDF: 350086.8/19

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -30.240+/-0.524 χ^2/NDF:190.3/3

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

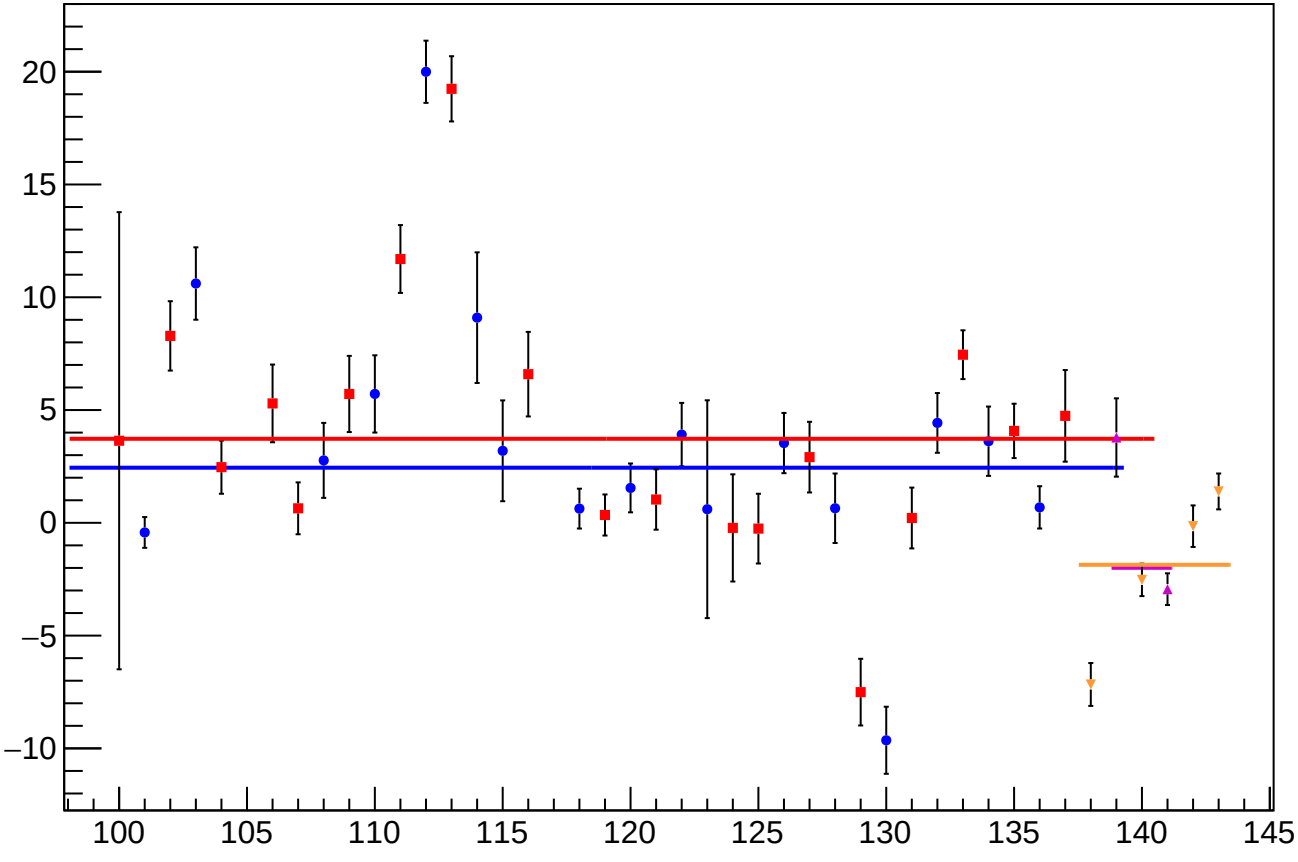
Left In: -38.613+/-0.688 χ^2/NDF:96.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -33.314+/-0.417 χ^2/NDF: 380.7/5

- 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: -1.861+/-0.415 χ^2/NDF:52.2/3

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

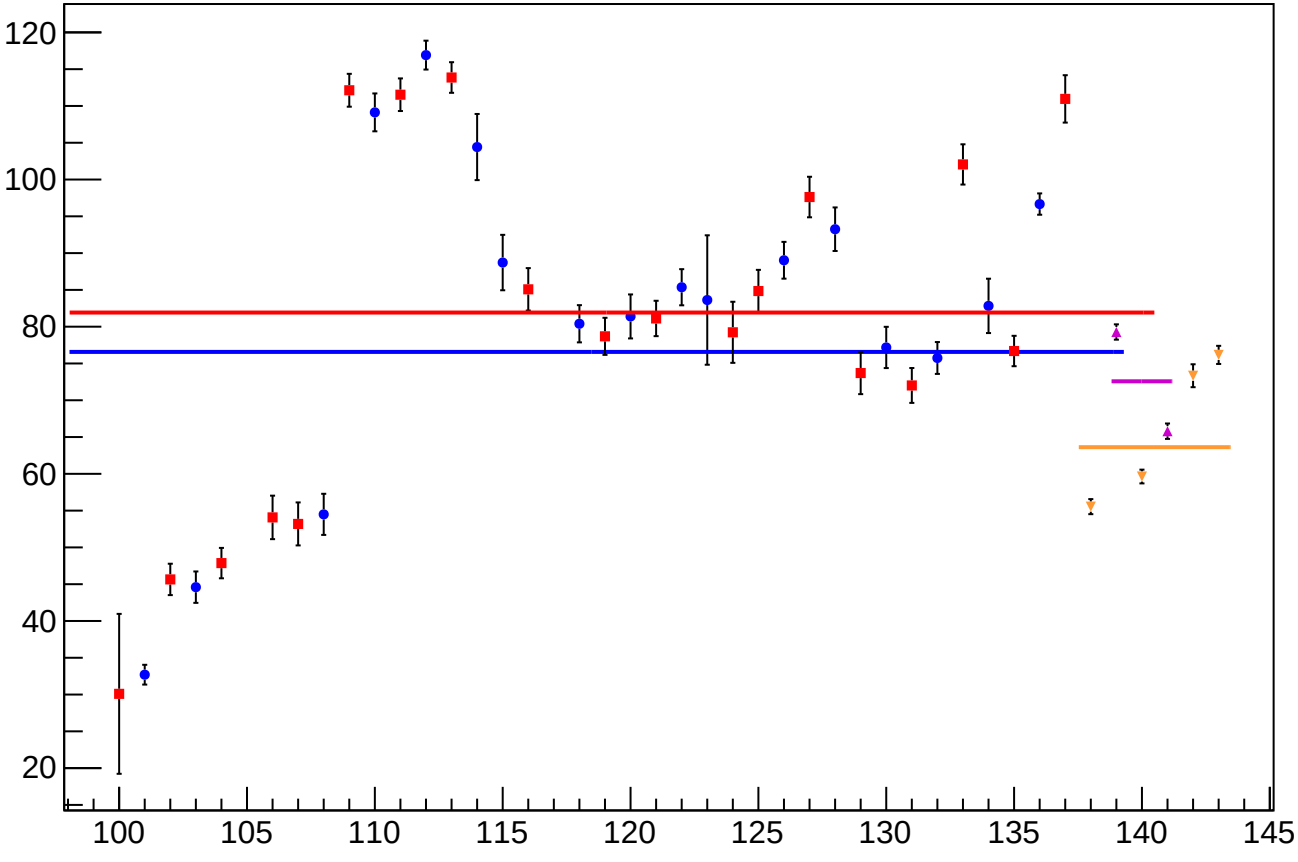
Left In: -1.994+/-0.652 χ^2/NDF:12.9/1

+ sign 0.897+/-0.249 χ^2/NDF: 416.3/20

All: 1.604+/-0.190 χ^2/NDF: 779.0/41

- sign 2.577+/-0.292 χ^2/NDF: 343.5/20

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 63.622+/-0.562 χ^2/NDF:223.0/3

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

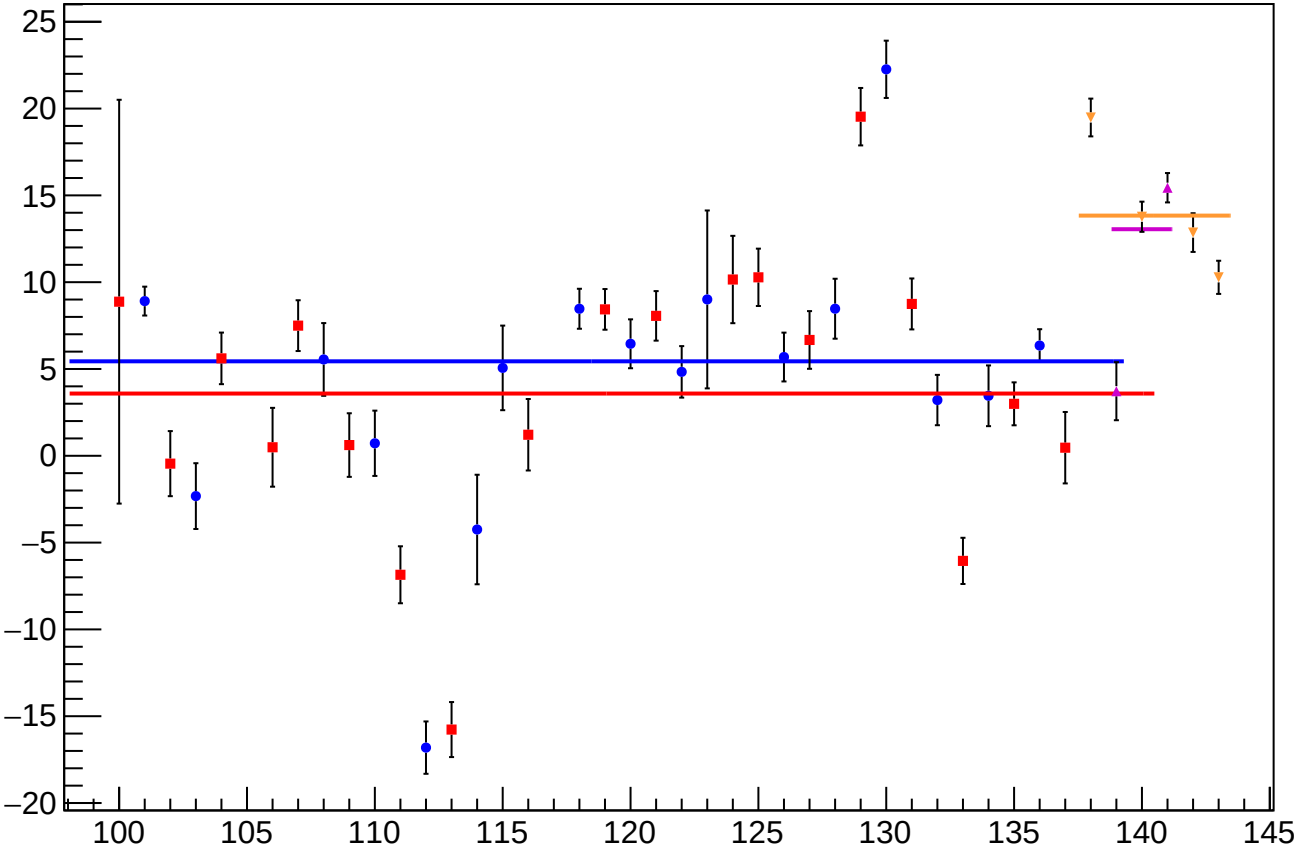
Left In: 72.576+/-0.738 χ^2/NDF:83.4/1

+ sign 69.966+/-0.401 χ^2/NDF: 2736.9/20

All: 73.536+/-0.303 χ^2/NDF: 4672.4/41

- sign 78.267+/-0.462 χ^2/NDF: 1751.5/20

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 13.835+/-0.496 χ^2/NDF:41.6/3

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

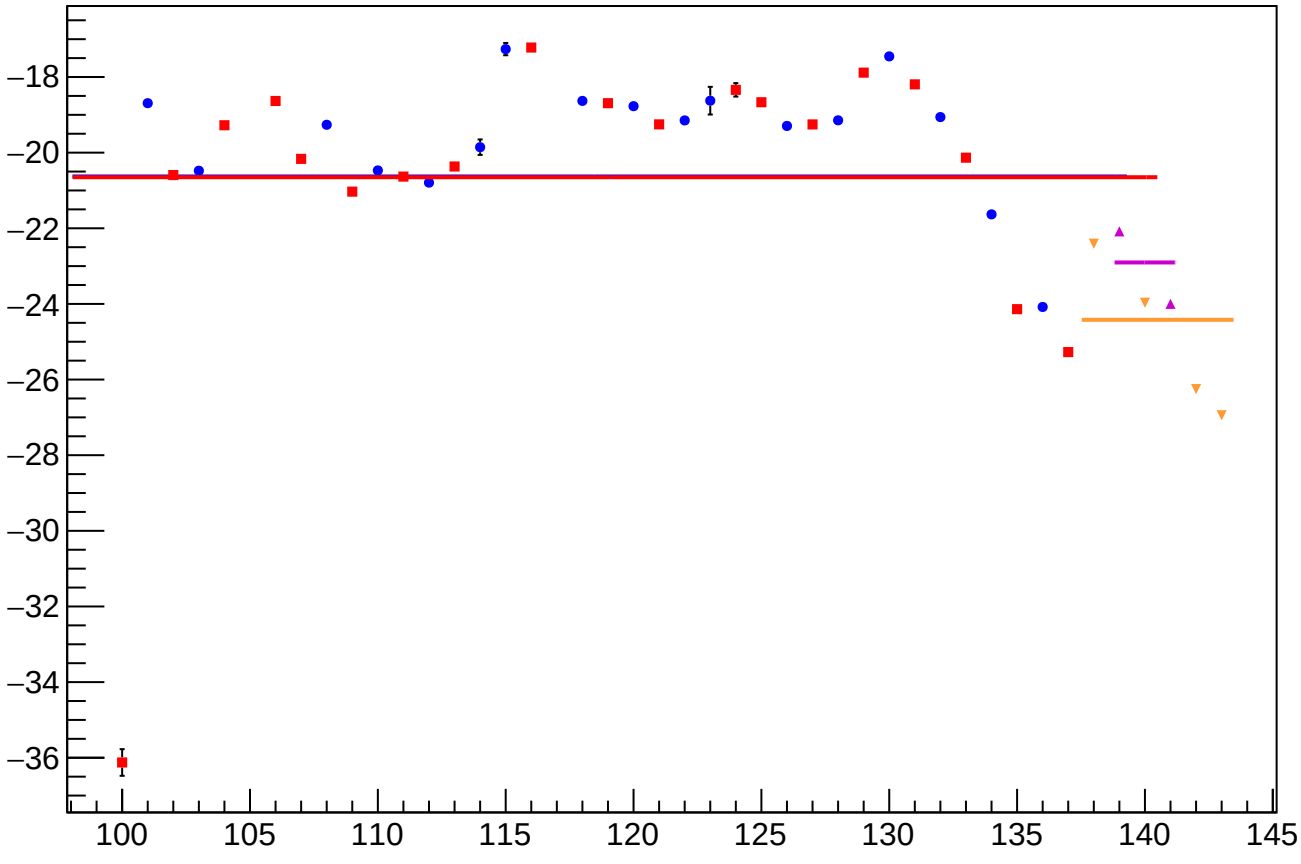
Left In: 13.051+/-0.755 χ^2/NDF:39.1/1

+ sign 8.312+/-0.290 χ^2/NDF: 617.8/20

All: 7.096+/-0.219 χ^2/NDF: 1247.5/41

- sign 5.461+/-0.336 χ^2/NDF: 588.5/20

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -24.420+/-0.023 χ^2/NDF:6059.4/3

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

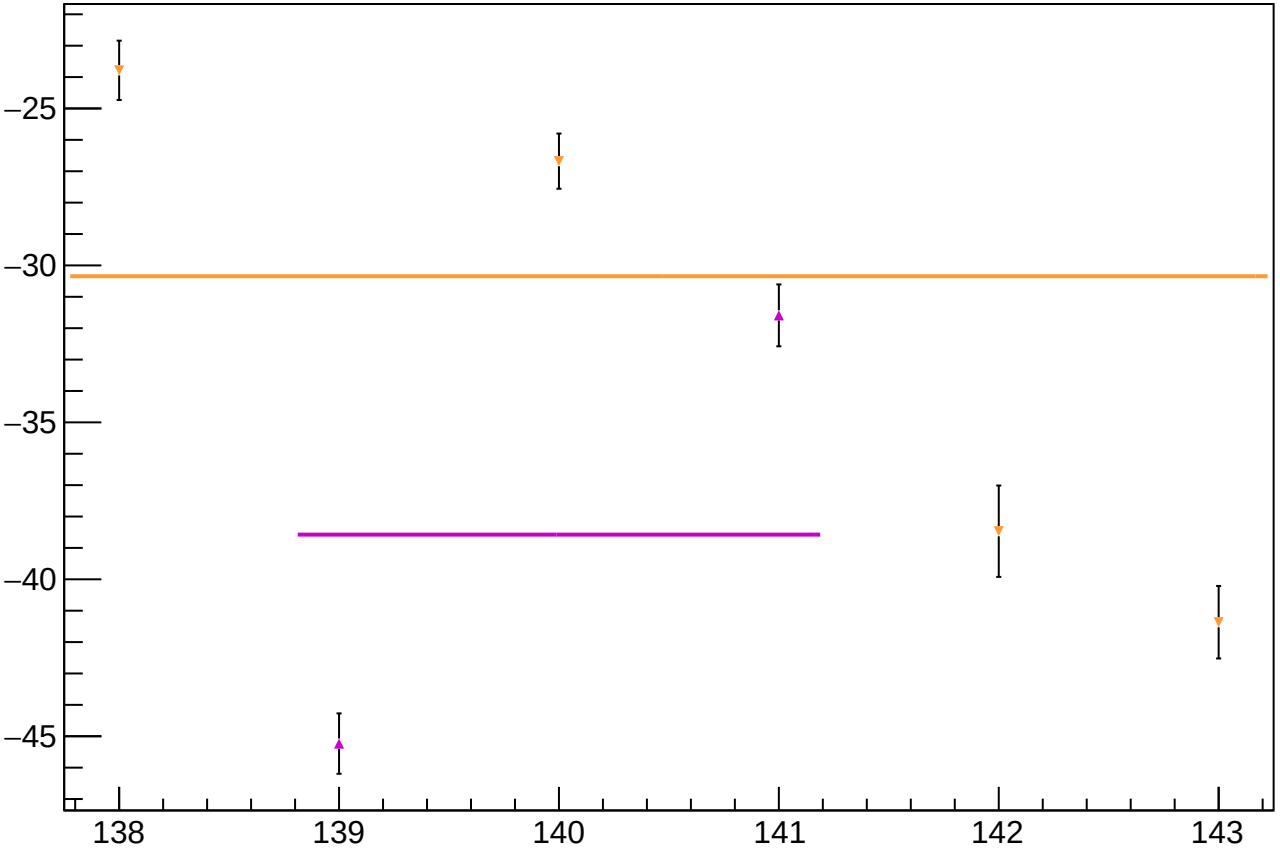
Left In: -22.904+/-0.028 χ^2/NDF:1168.5/1

+ sign -22.186+/-0.015 χ^2/NDF: 34416.8/20

All: -21.818+/-0.011 χ^2/NDF: 55237.3/41

- sign -21.391+/-0.016 χ^2/NDF: 19481.1/20

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -30.345+/-0.524 χ^2/NDF:187.7/3

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

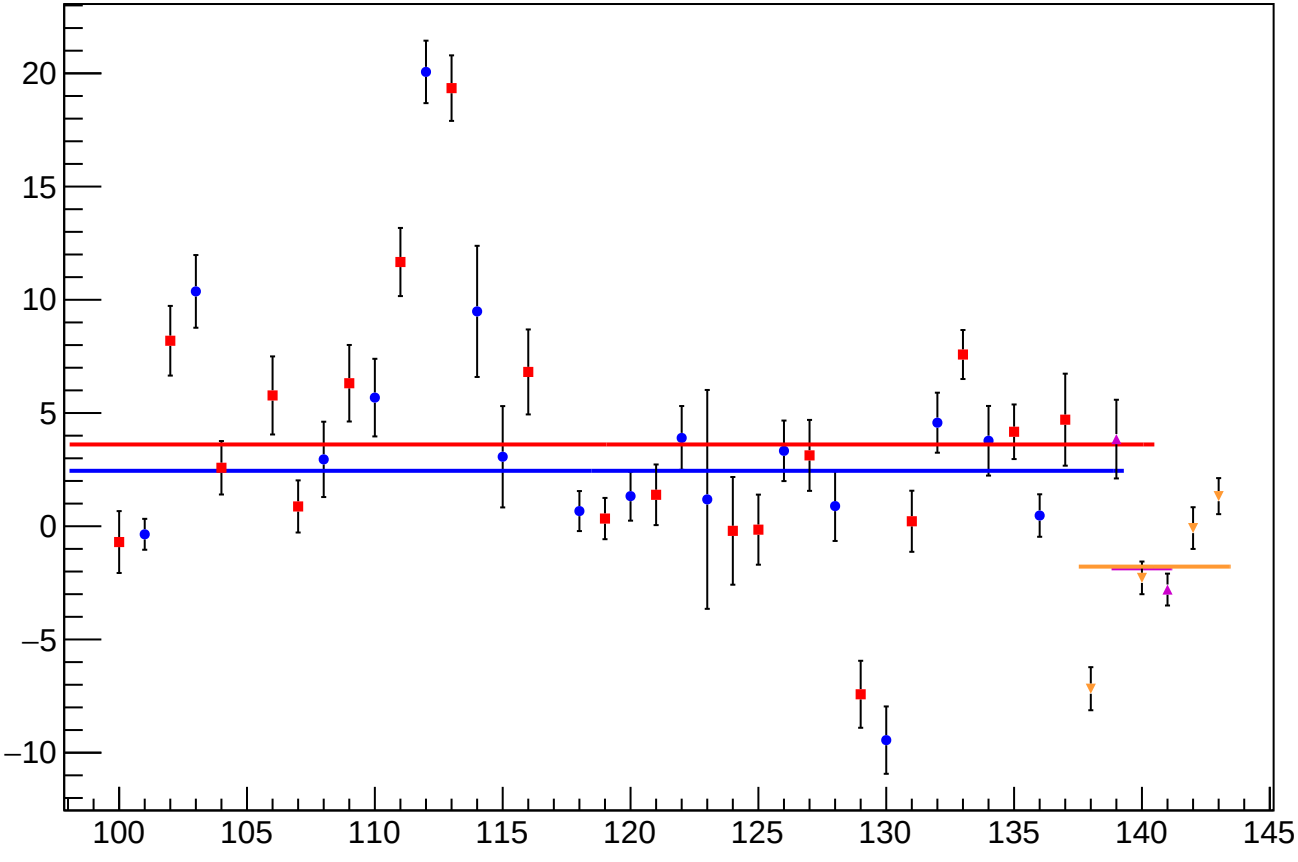
Left In: -38.576+/-0.689 χ^2/NDF:98.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -33.367+/-0.417 χ^2/NDF: 376.2/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: -1.783+/-0.416 χ^2/NDF:51.3/3

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

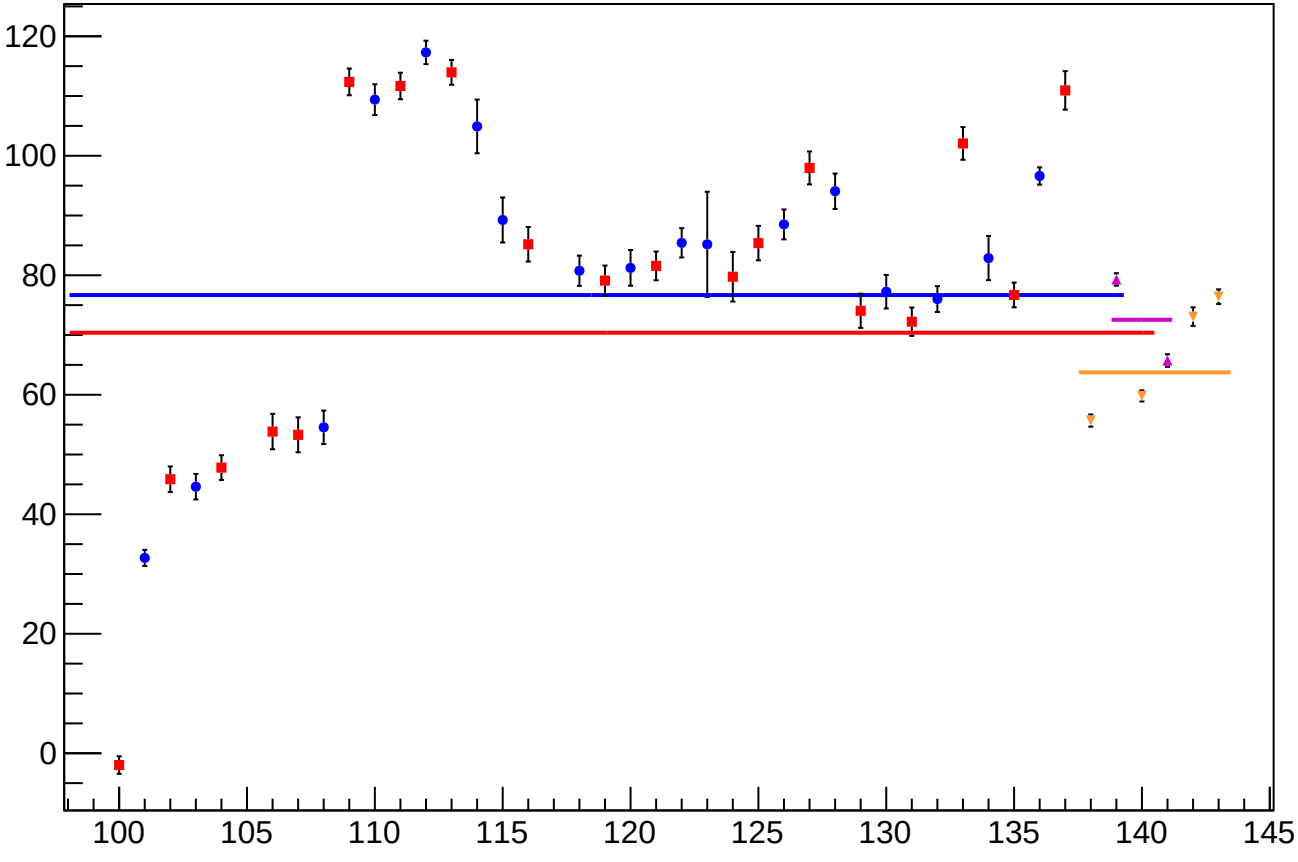
Left In: -1.859+/-0.652 χ^2/NDF:12.6/1

+ sign 0.928+/-0.249 χ^2/NDF: 411.0/20

All: 1.632+/-0.188 χ^2/NDF: 778.3/41

- sign 2.559+/-0.286 χ^2/NDF: 348.8/20

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 63.748+/-0.562 χ^2/NDF:221.0/3

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

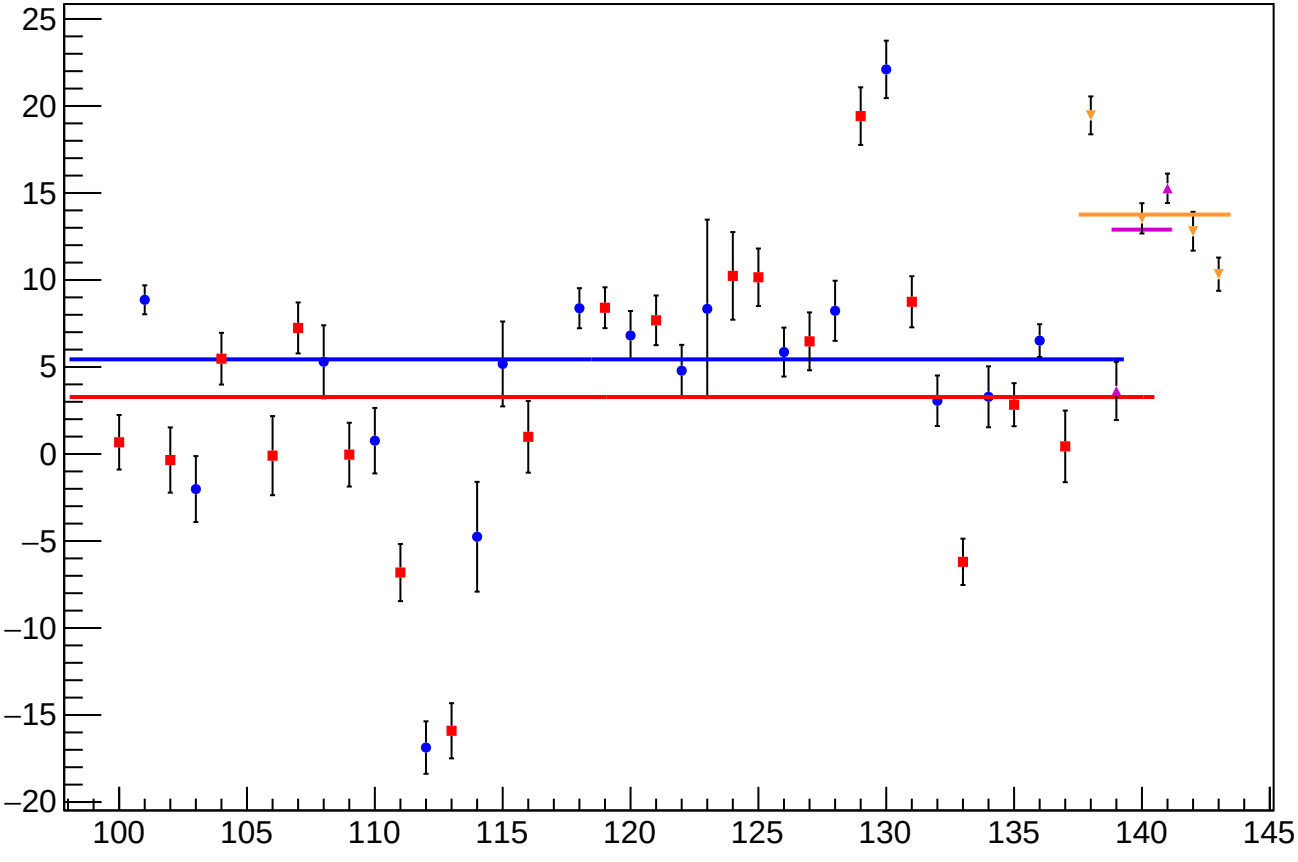
Left In: 72.555+/-0.739 χ^2/NDF:84.3/1

+ sign 70.087+/-0.402 χ^2/NDF: 2745.6/20

All: 70.573+/-0.297 χ^2/NDF: 7229.9/41

- sign 71.159+/-0.441 χ^2/NDF: 4481.0/20

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 13.759+/-0.496 χ^2/NDF:41.1/3

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

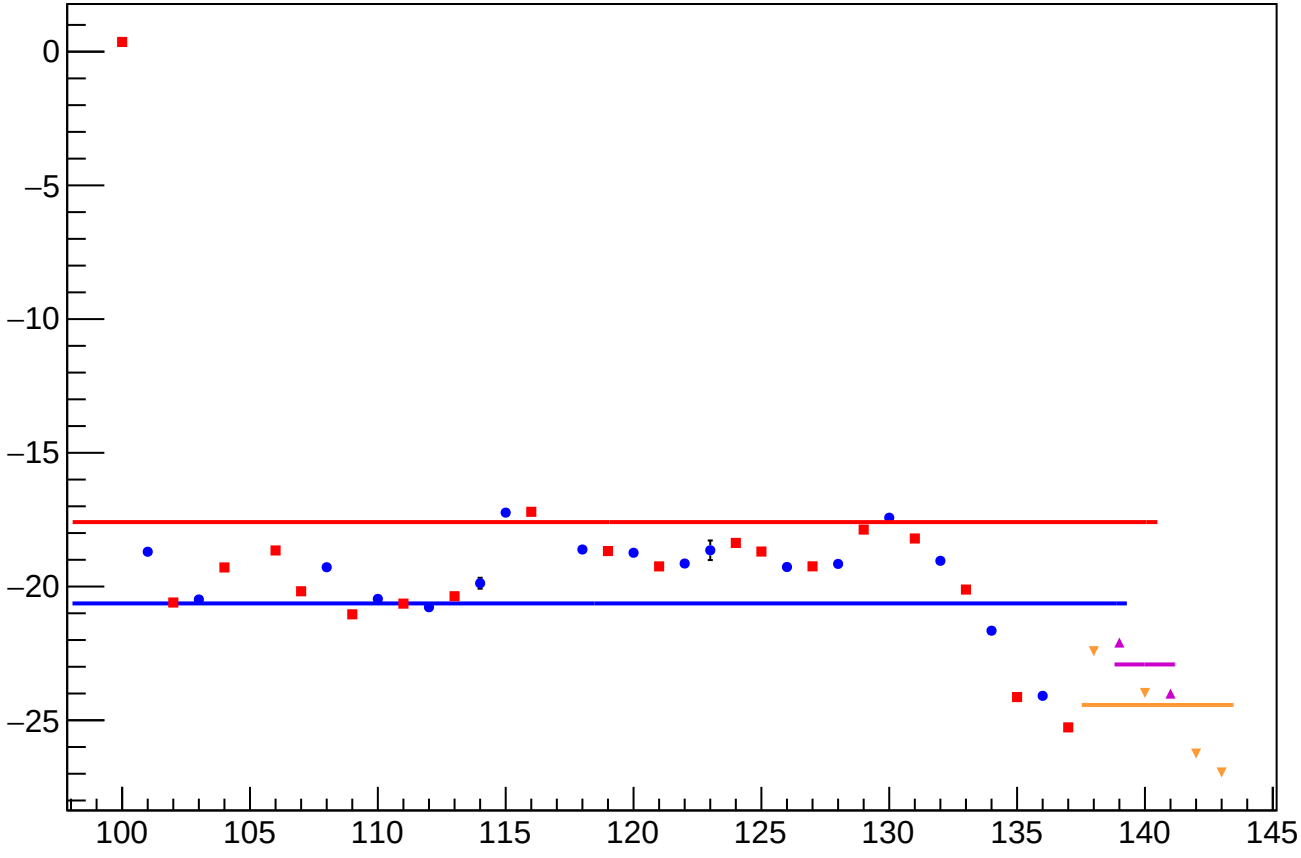
Left In: 12.894+/-0.755 χ^2/NDF:38.6/1

+ sign 8.284+/-0.290 χ^2/NDF: 612.2/20

All: 6.891+/-0.218 χ^2/NDF: 1260.8/41

- sign 5.099+/-0.329 χ^2/NDF: 595.8/20

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -24.428+/-0.023 χ^2/NDF:6028.0/3

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

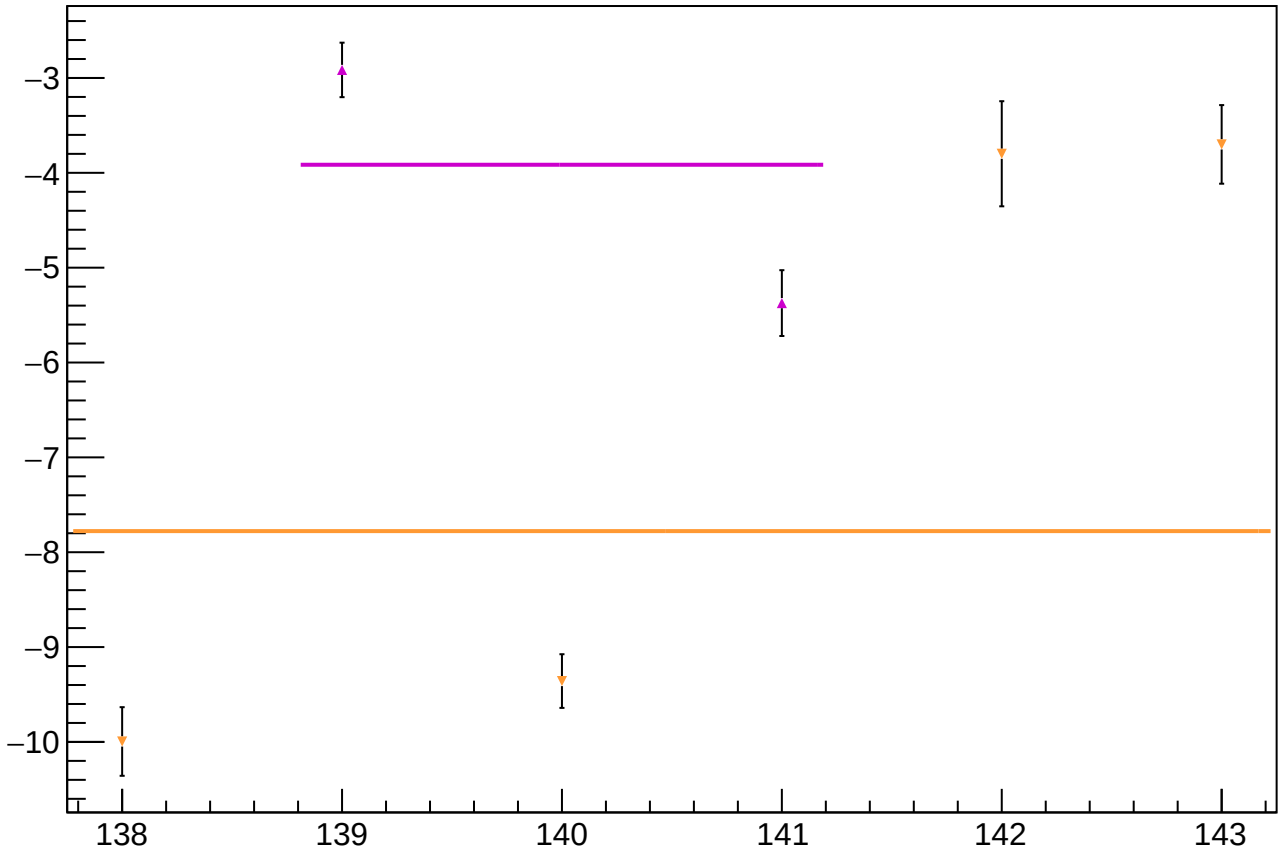
Left In: -22.913+/-0.028 χ^2/NDF:1157.0/1

+ sign -22.190+/-0.015 χ^2/NDF: 34464.2/20

All: -20.709+/-0.011 χ^2/NDF: 260567.3/41

- sign -19.167+/-0.015 χ^2/NDF: 205689.0/20

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -7.777+/-0.185 χ^2/NDF:217.2/3

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

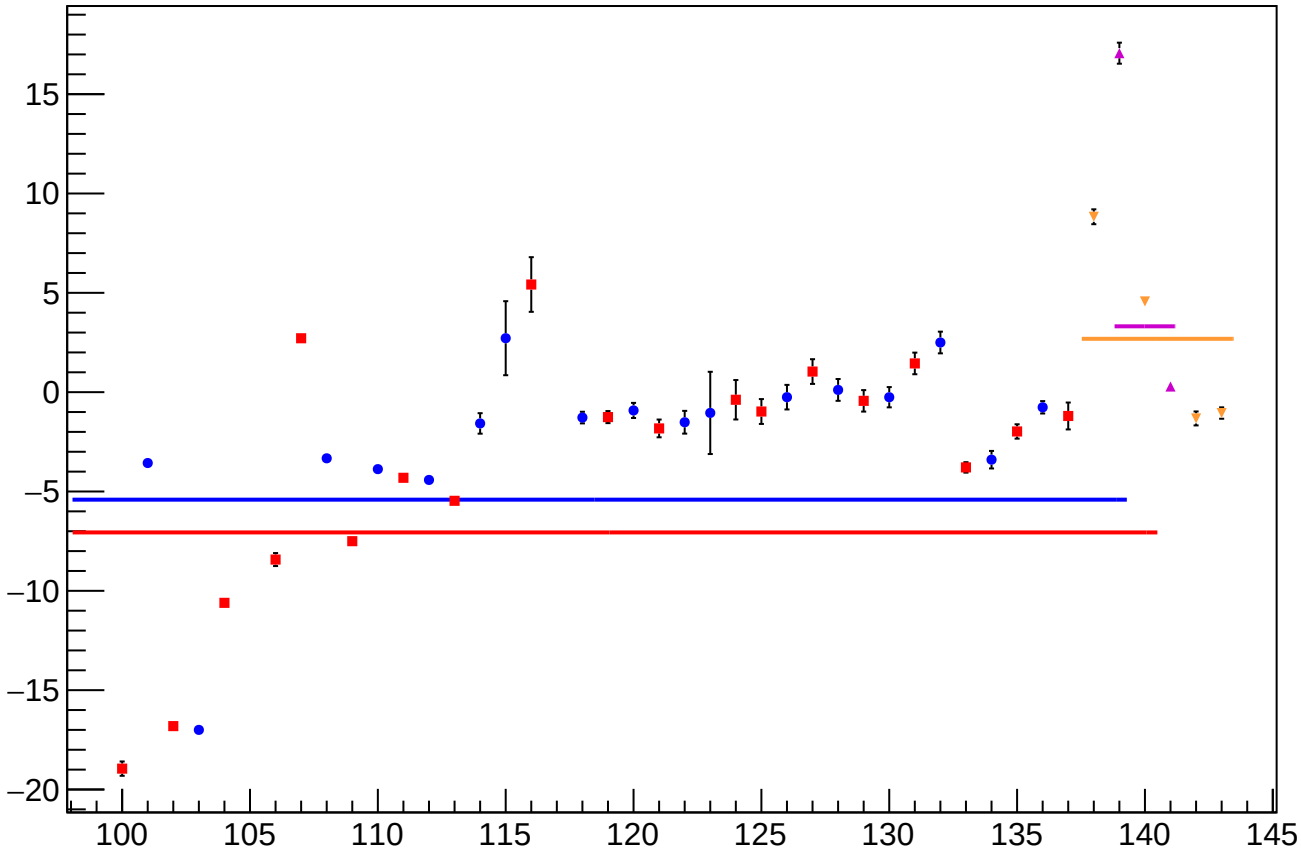
Left In: -3.915+/-0.221 χ^2/NDF:29.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.188+/-0.142 χ^2/NDF: 426.3/5

- 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: 2.686+/-0.148 χ^2/NDF:633.1/3

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

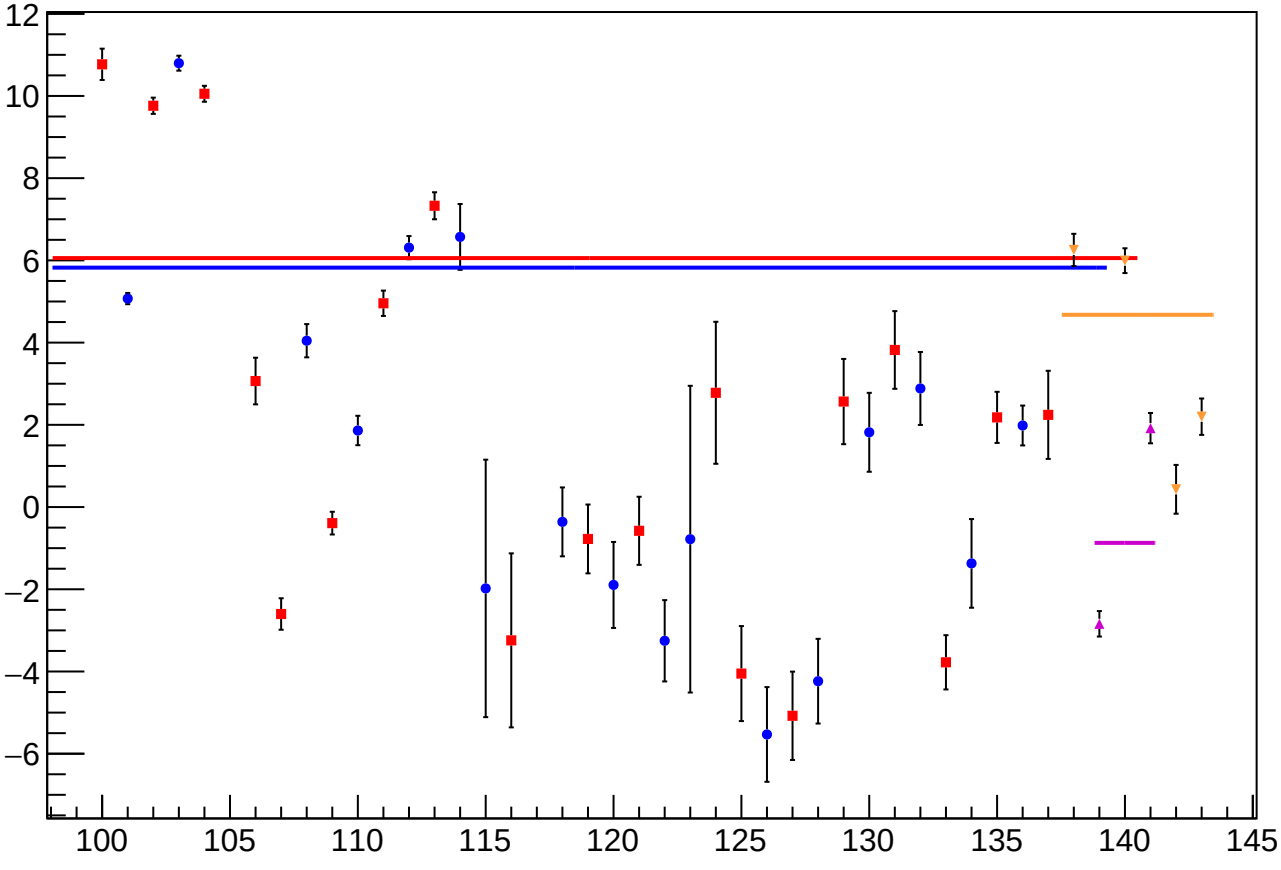
Left In: 3.314+/-0.225 χ^2/NDF:823.9/1

+ sign -4.440+/-0.051 χ^2/NDF: 12518.3/20

All: -5.312+/-0.038 χ^2/NDF: 28308.2/41

- sign -6.391+/-0.057 χ^2/NDF: 15144.3/20

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 4.677+/-0.198 χ^2/NDF:117.8/3

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

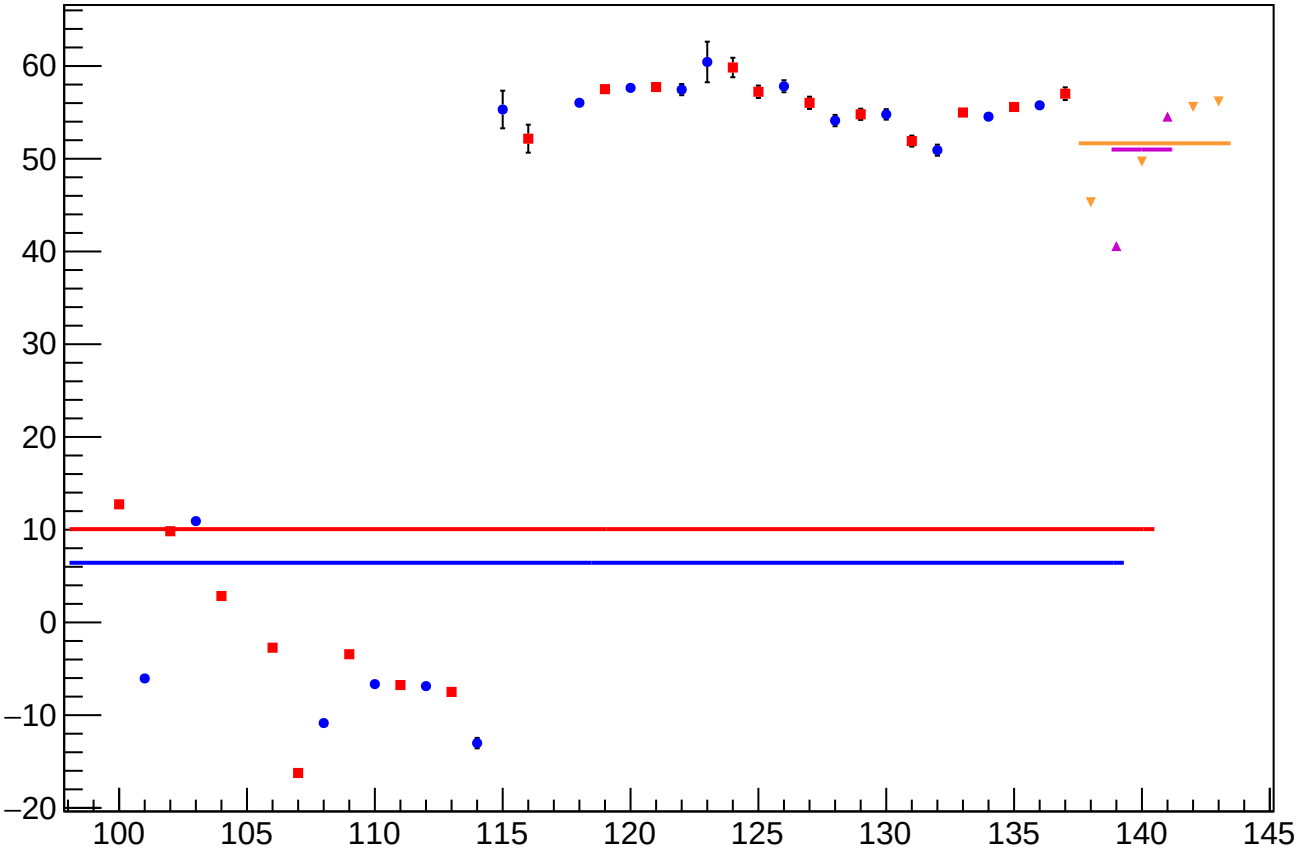
Left In: -0.871+/-0.237 χ^2/NDF:97.6/1

+ sign 5.629+/-0.082 χ^2/NDF: 1598.2/20

All: 5.394+/-0.059 χ^2/NDF: 5120.5/41

- sign 5.128+/-0.087 χ^2/NDF: 3504.6/20

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 51.665+/-0.177 χ^2/NDF:530.3/3

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

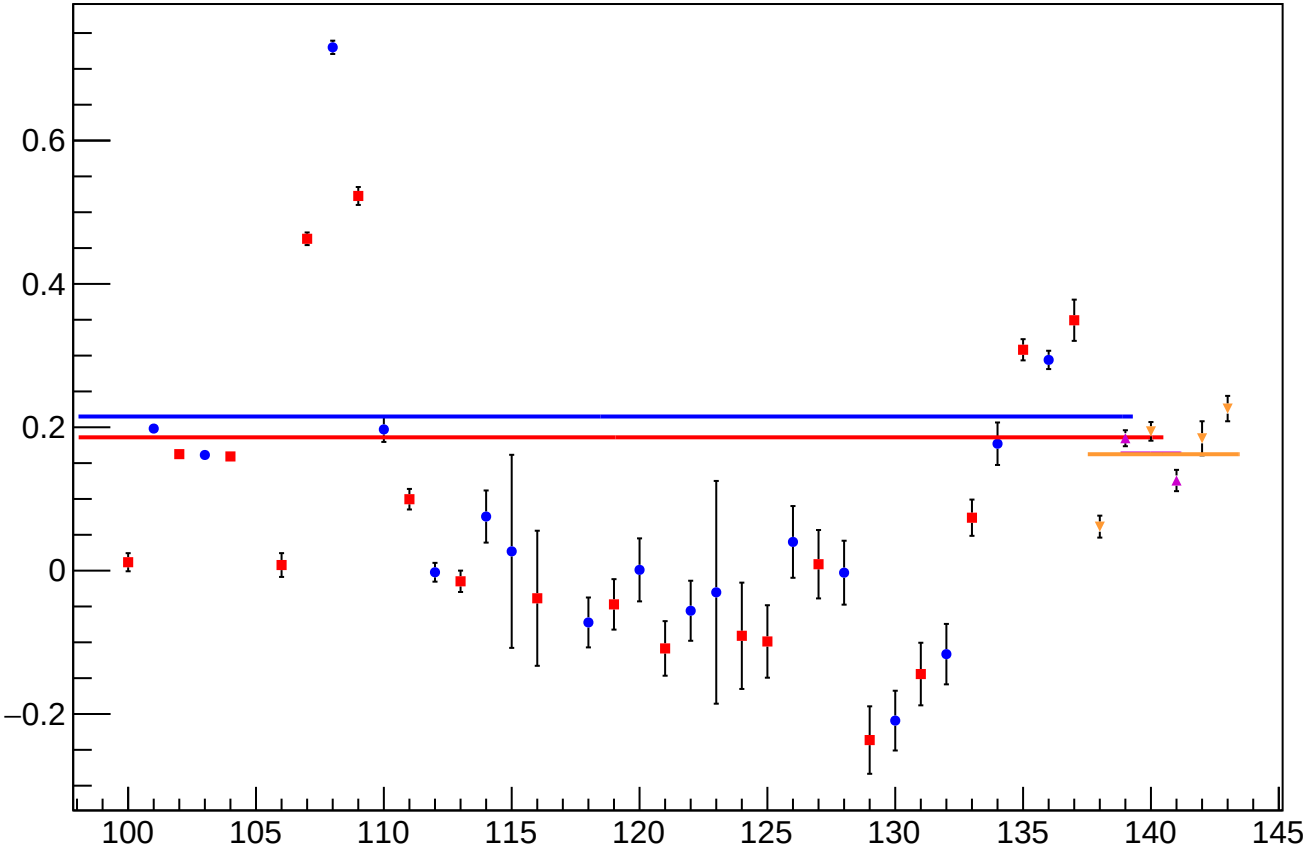
Left In: 50.993+/-0.258 χ^2/NDF:557.5/1

+ sign 11.778+/-0.061 χ^2/NDF: 181783.3/20

All: 12.262+/-0.045 χ^2/NDF: 327830.1/41

- sign 12.856+/-0.067 χ^2/NDF: 145905.4/20

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.162+/-0.008 χ^2/NDF:63.3/3

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

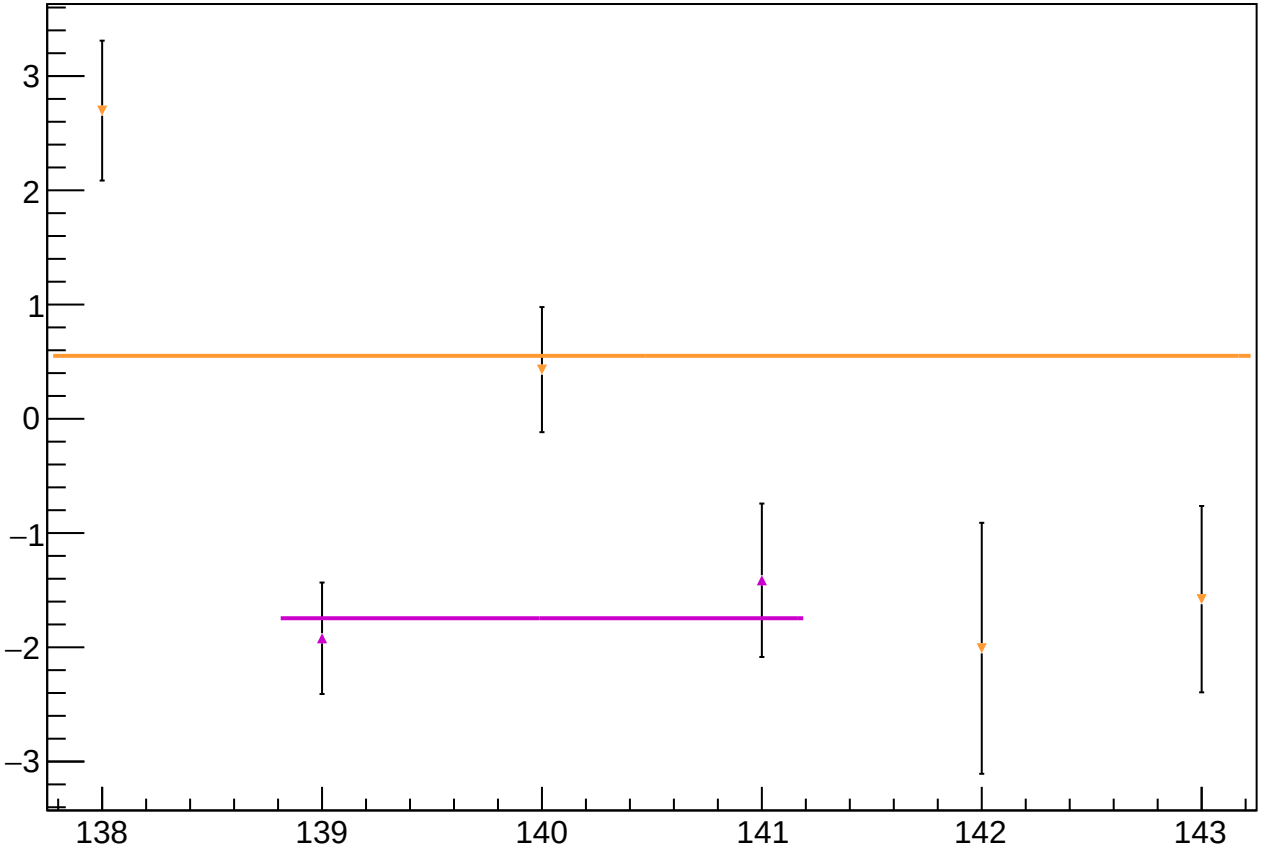
Left In: 0.163+/-0.009 χ^2/NDF:10.1/1

+ sign 0.210+/-0.003 χ^2/NDF: 4030.9/20

All: 0.197+/-0.002 χ^2/NDF: 6815.2/41

- sign 0.184+/-0.003 χ^2/NDF: 2736.2/20

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: 0.551+/-0.346 χ^2/NDF:24.6/3

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

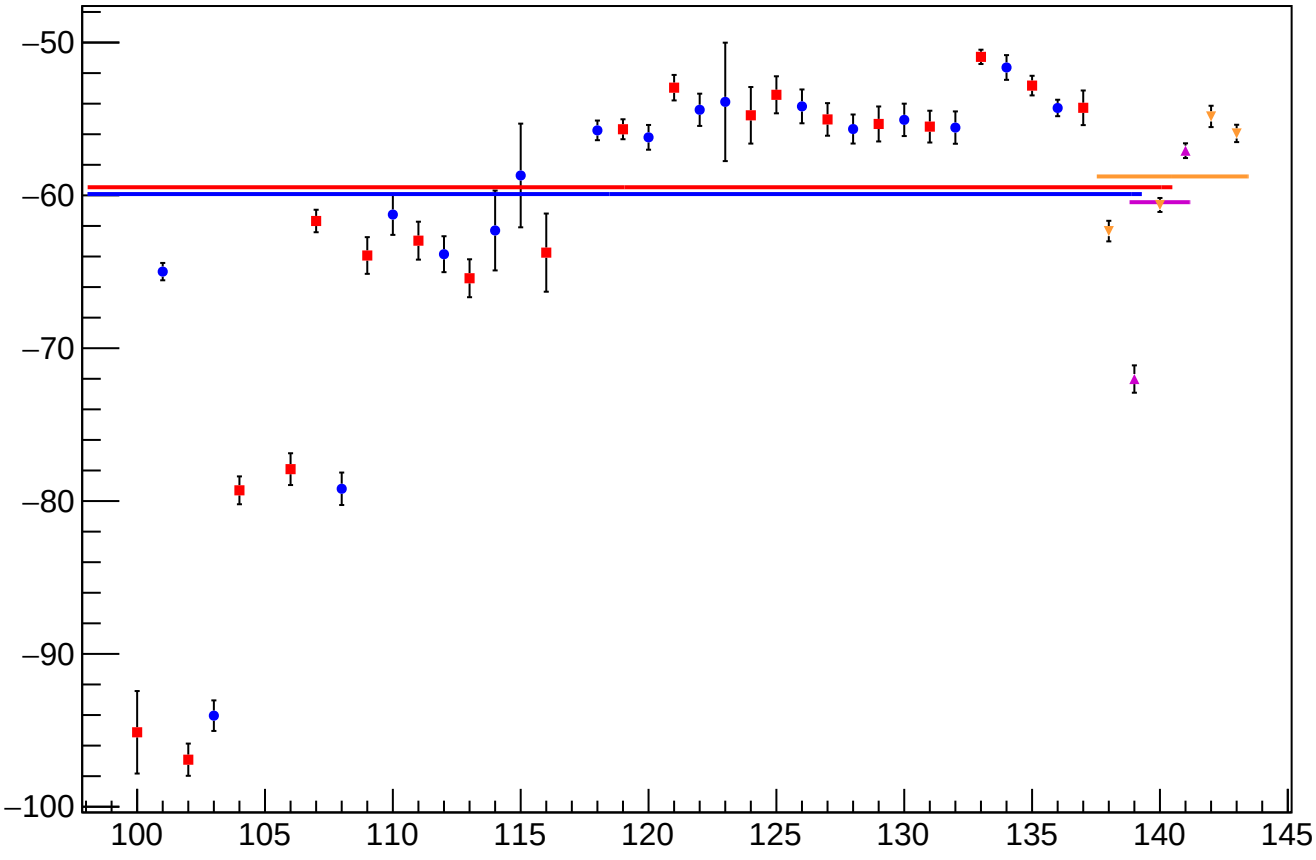
Left In: -1.746+/-0.395 χ^2/NDF:0.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.448+/-0.260 χ^2/NDF: 44.1/5

- 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: -58.762+/-0.287 χ^2/NDF:101.1/3

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

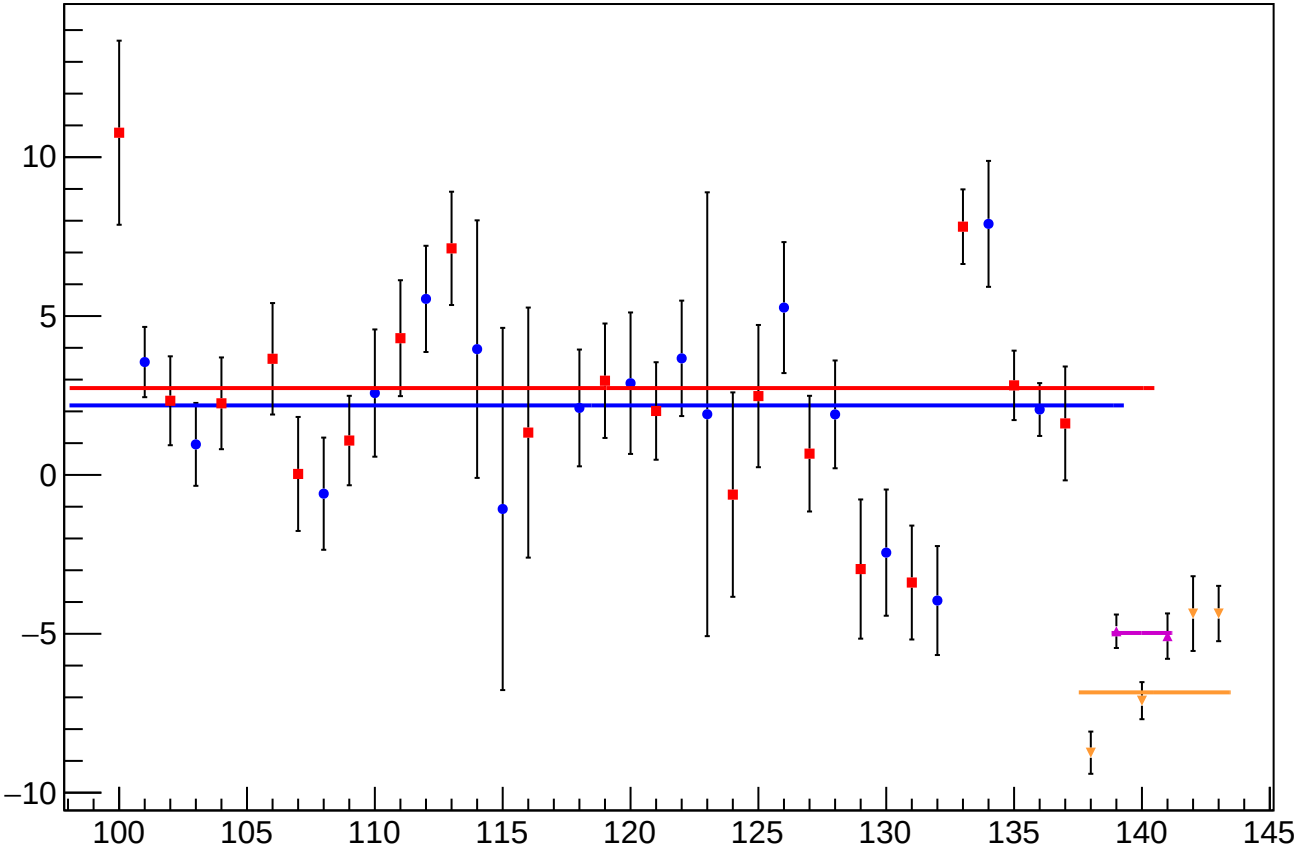
Left In: -60.446+/-0.425 χ^2/NDF:215.8/1

+ sign -59.481+/-0.176 χ^2/NDF: 2090.6/20

All: -59.565+/-0.129 χ^2/NDF: 5223.8/41

- sign -59.662+/-0.190 χ^2/NDF: 3132.7/20

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -6.844+/-0.371 χ^2/NDF:20.9/3

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

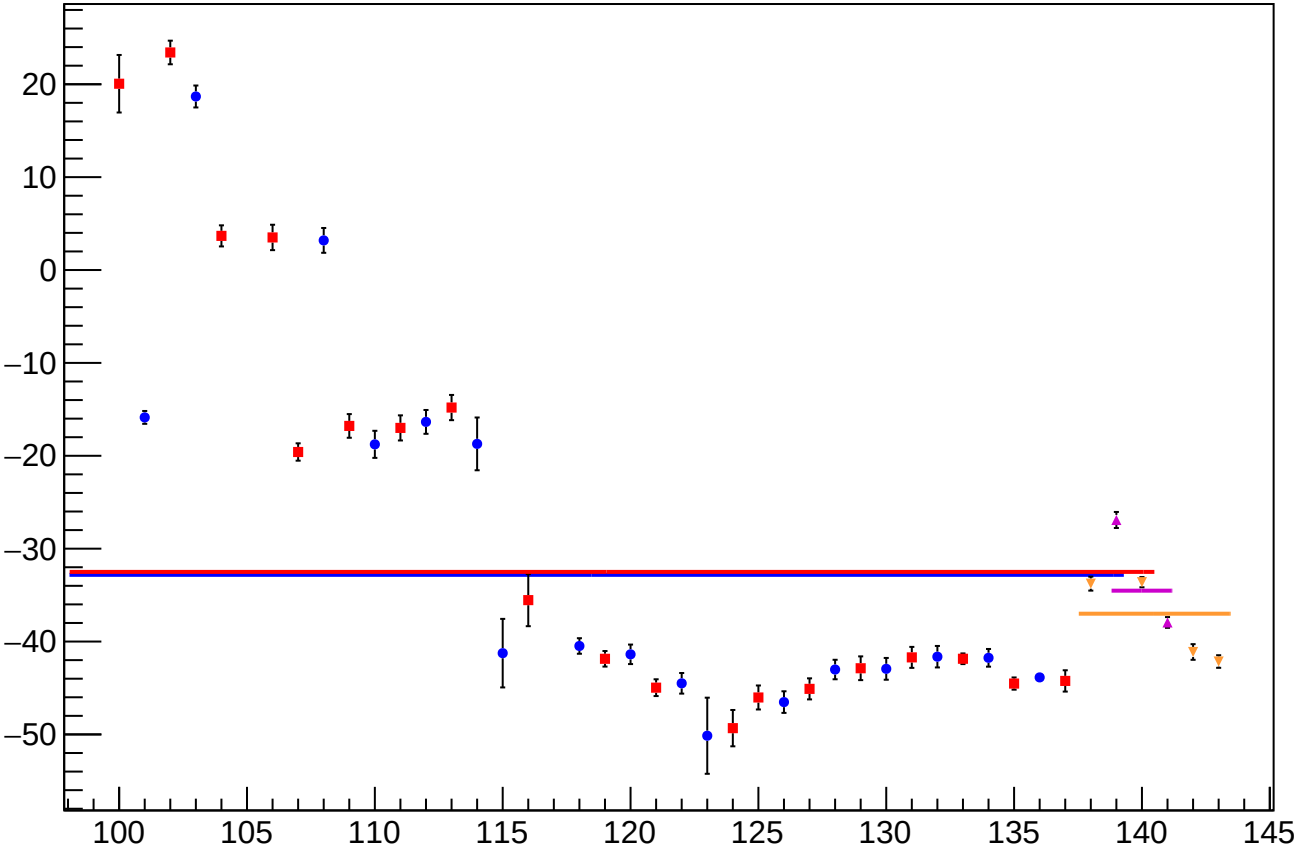
Left In: -4.974+/-0.424 χ^2/NDF:0.0/1

+ sign -2.707+/-0.273 χ^2/NDF: 330.8/20

All: -1.785+/-0.198 χ^2/NDF: 593.5/41

- sign -0.777+/-0.286 χ^2/NDF: 239.0/20

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -37.002+/-0.340 χ^2/NDF:138.3/3

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

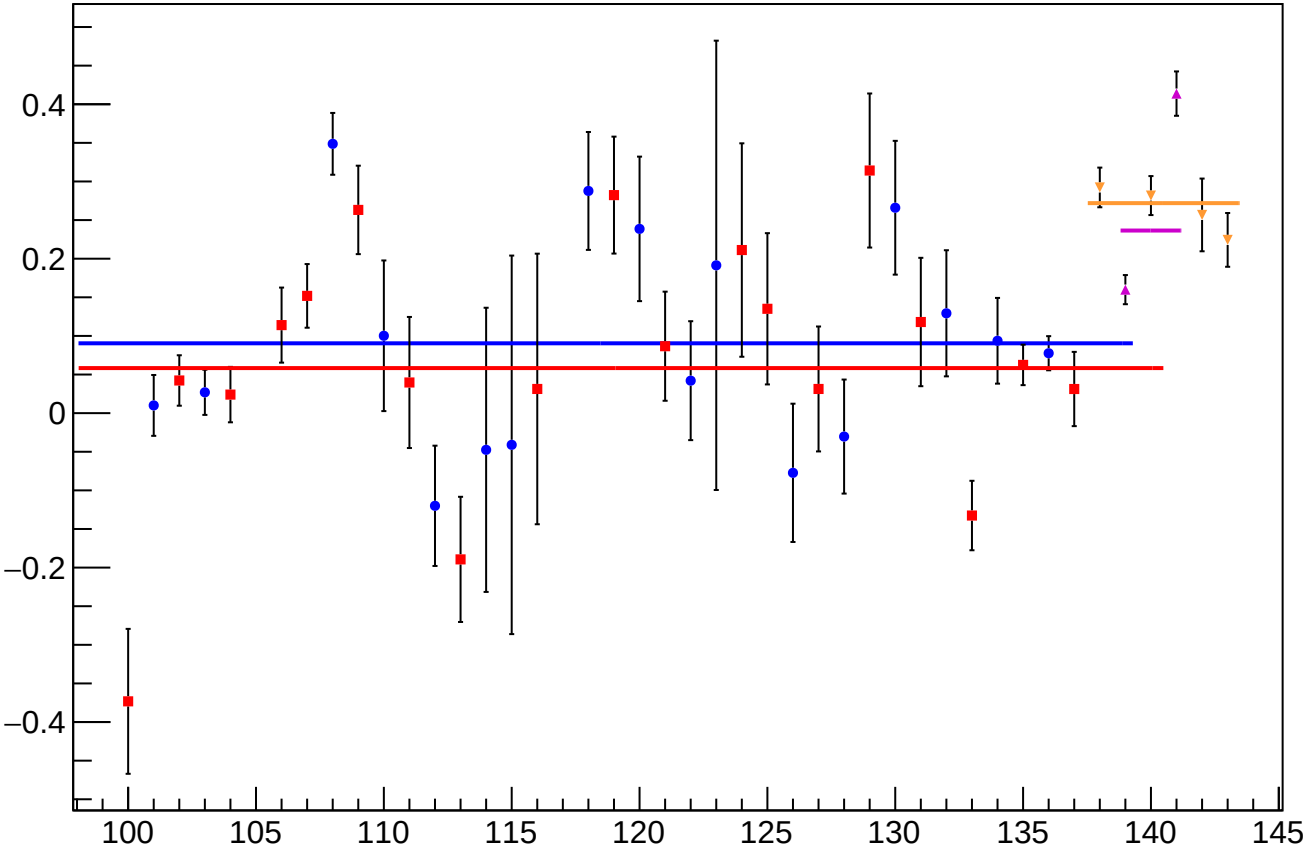
Left In: -34.522+/-0.481 χ^2/NDF:112.7/1

+ sign -34.317+/-0.203 χ^2/NDF: 4902.2/20

All: -33.663+/-0.149 χ^2/NDF: 11089.0/41

- sign -32.915+/-0.218 χ^2/NDF: 6164.7/20

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.272+/-0.015 χ^2/NDF:2.8/3

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

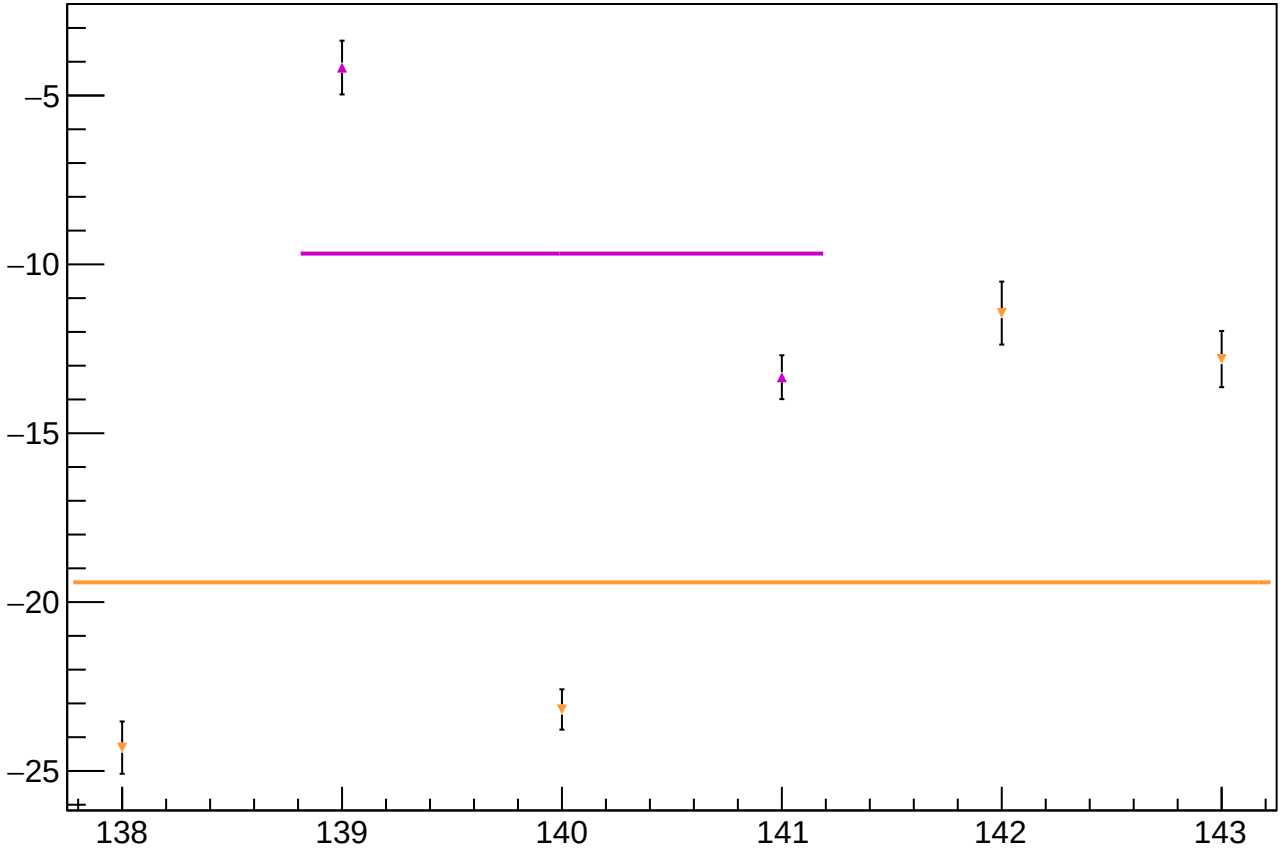
Left In: 0.236+/-0.016 χ^2/NDF:54.5/1

+ sign 0.166+/-0.010 χ^2/NDF: 166.2/20

All: 0.145+/-0.007 χ^2/NDF: 397.1/41

- sign 0.125+/-0.010 χ^2/NDF: 221.9/20

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -19.416+/-0.376 χ^2/NDF:215.9/3

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

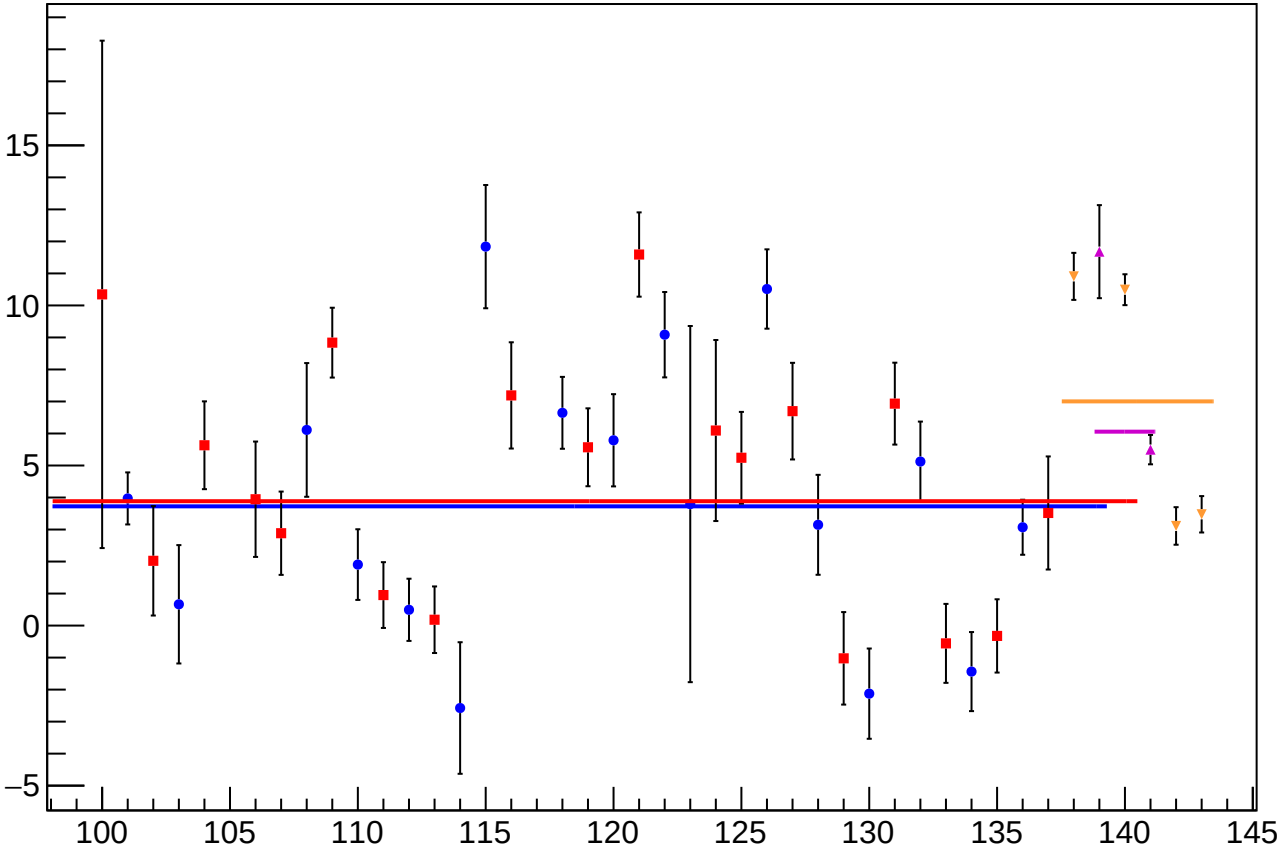
Left In: -9.680+/-0.503 χ^2/NDF:79.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.926+/-0.301 χ^2/NDF: 535.7/5

- 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: 7.003+/-0.287 χ^2/NDF:163.0/3

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

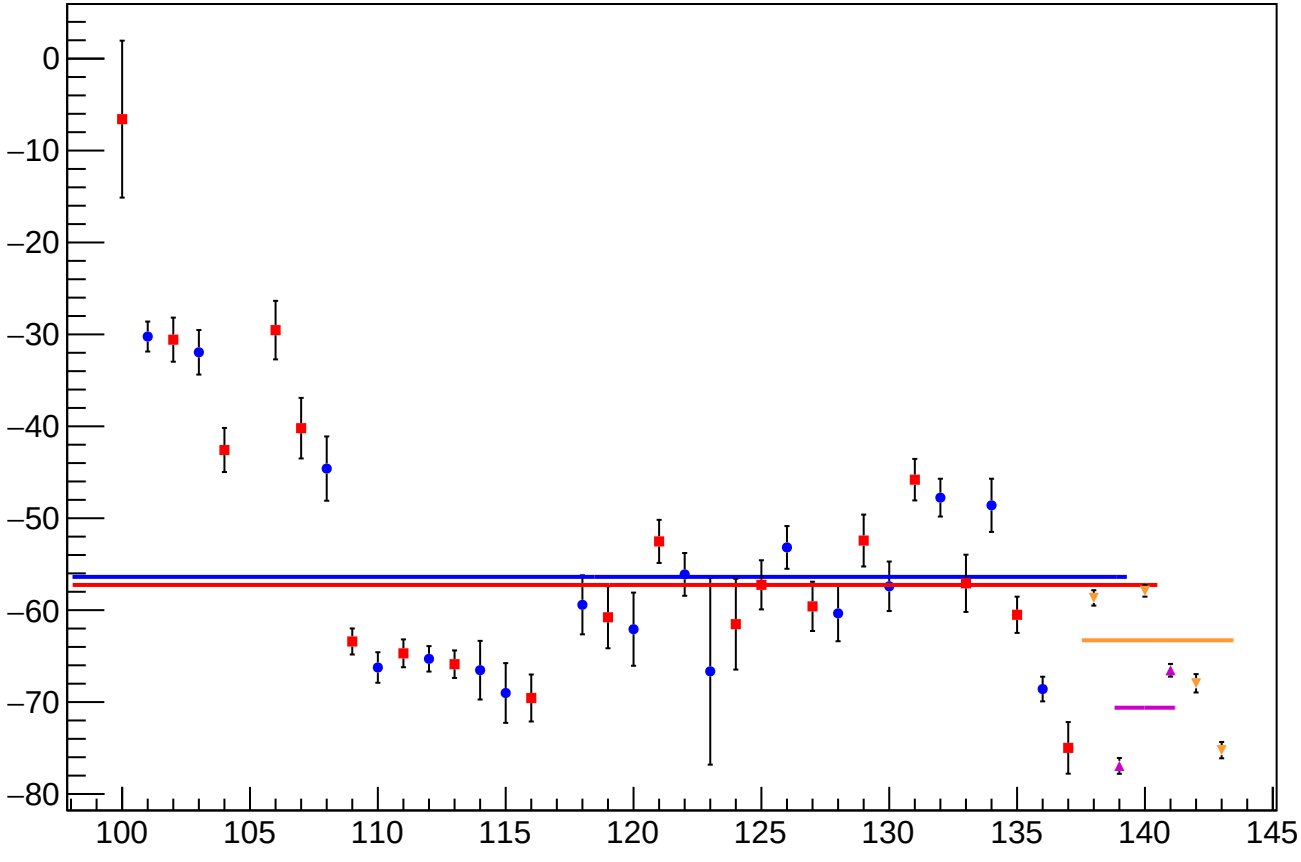
Left In: 6.057+/-0.438 χ^2/NDF:16.5/1

+ sign 5.483+/-0.210 χ^2/NDF: 360.4/20

All: 5.140+/-0.162 χ^2/NDF: 534.0/41

- sign 4.630+/-0.256 χ^2/NDF: 167.0/20

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -63.277+/-0.403 χ^2/NDF:305.2/3

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

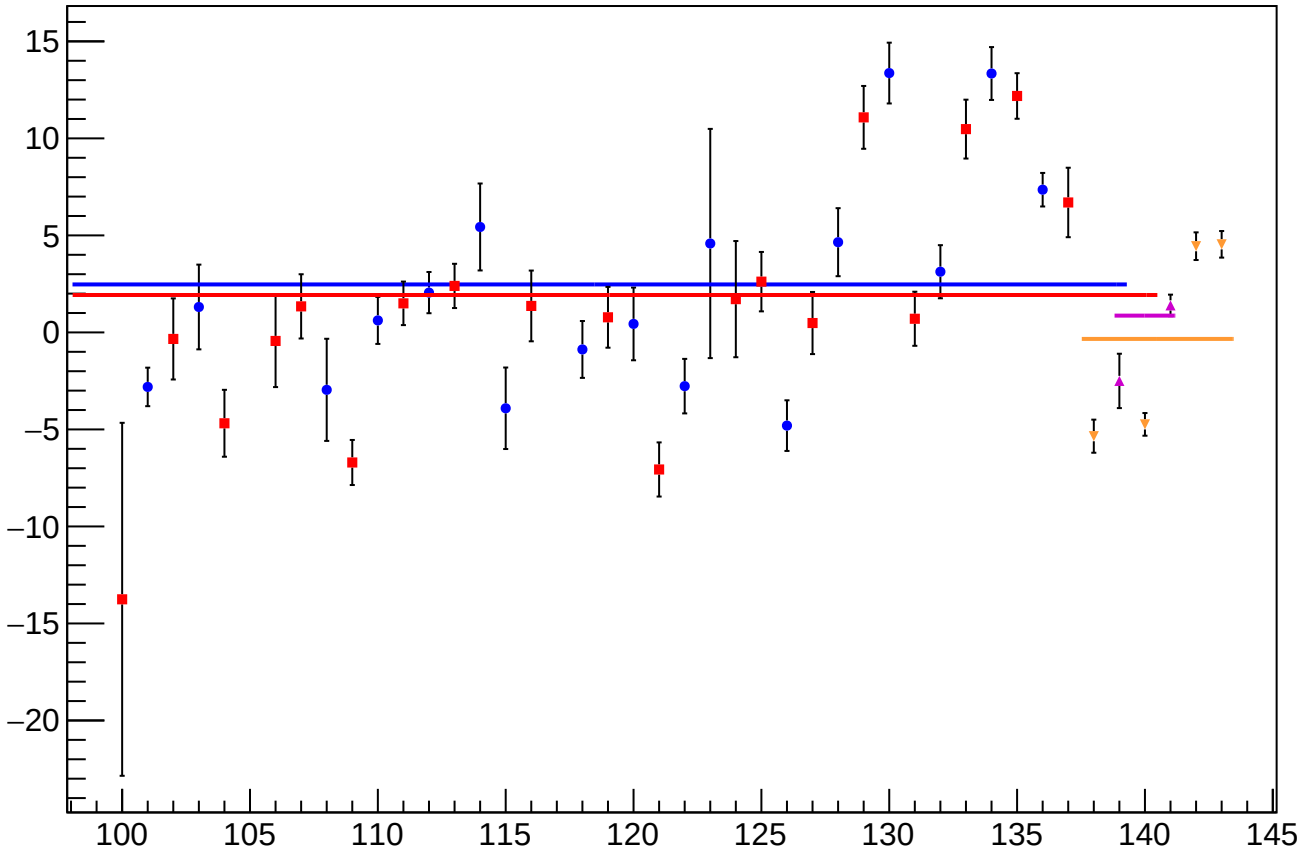
Left In: -70.612+/-0.539 χ^2/NDF:88.9/1

+ sign -60.824+/-0.323 χ^2/NDF: 997.0/20

All: -62.116+/-0.246 χ^2/NDF: 1909.1/41

- sign -63.902+/-0.380 χ^2/NDF: 874.0/20

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: -0.335+/-0.345 χ^2/NDF:187.0/3

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

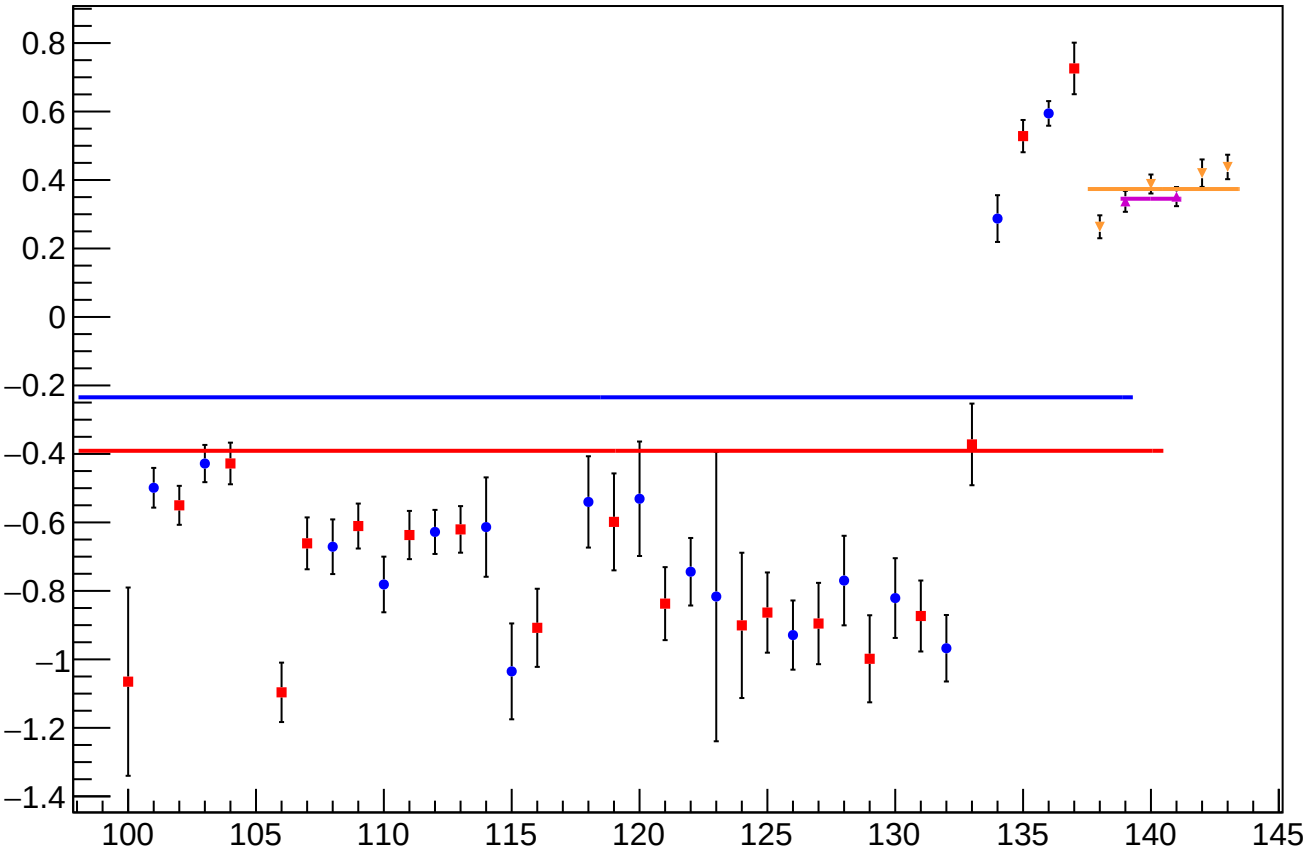
Left In: 0.865+/-0.515 χ^2/NDF:6.7/1

+ sign 1.066+/-0.244 χ^2/NDF: 463.7/20

All: 1.280+/-0.187 χ^2/NDF: 741.7/41

- sign 1.586+/-0.292 χ^2/NDF: 276.2/20

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.374+/-0.017 χ^2/NDF:15.7/3

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

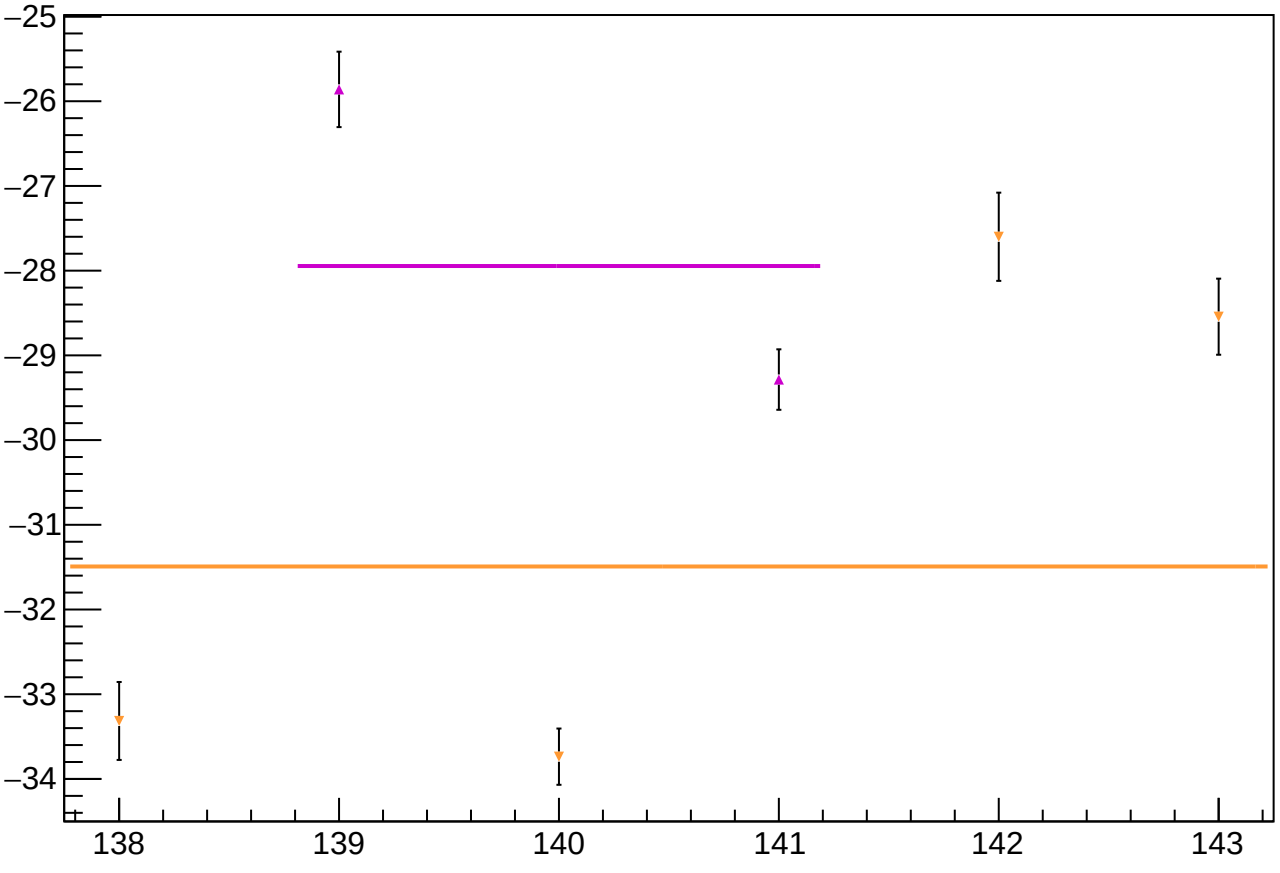
Left In: 0.345+/-0.021 χ^2/NDF:0.1/1

+ sign 0.107+/-0.012 χ^2/NDF: 1558.0/20

All: 0.036+/-0.009 χ^2/NDF: 3175.7/41

- sign -0.054+/-0.014 χ^2/NDF: 1543.7/20

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.492+/-0.211 χ^2/NDF:160.4/3

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

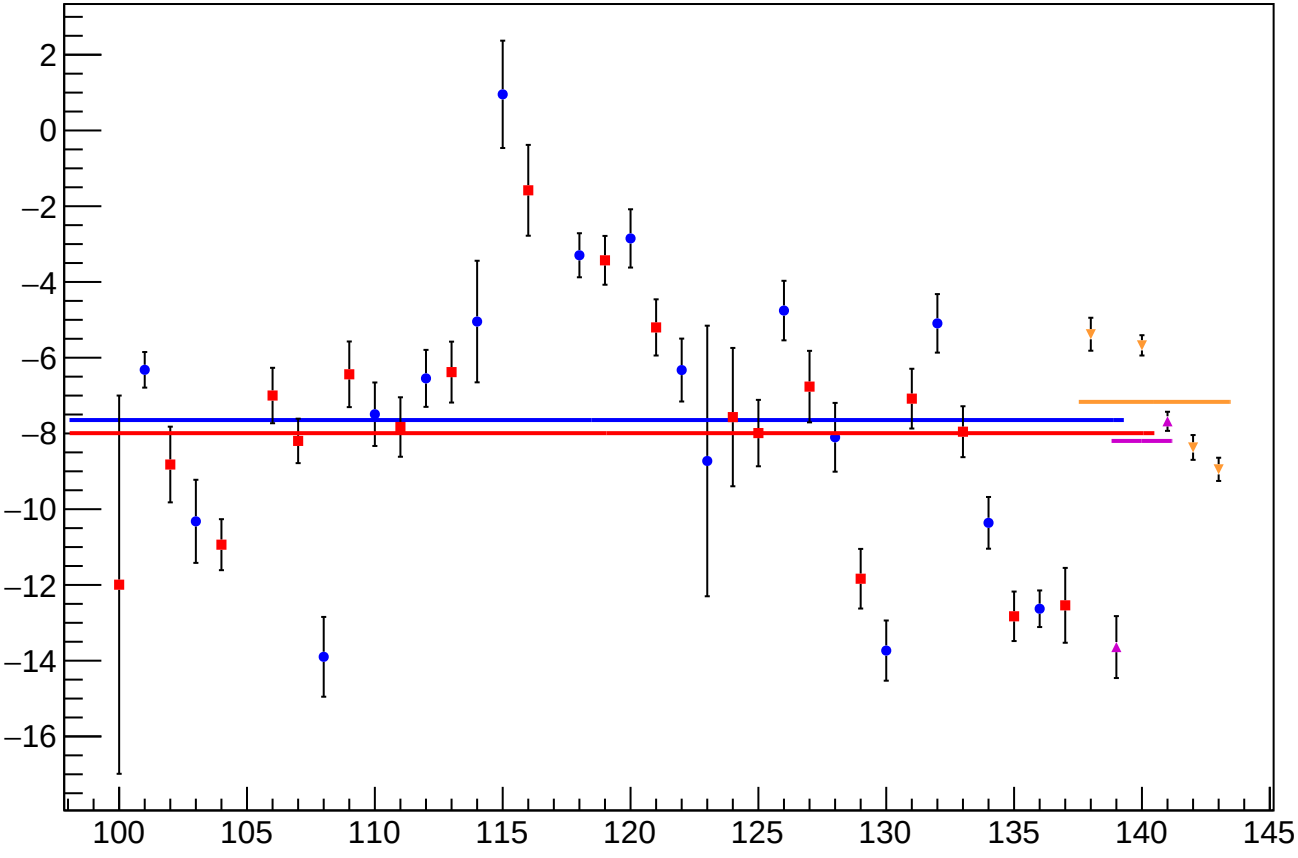
Left In: -27.945+/-0.278 χ^2/NDF:36.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -30.198+/-0.168 χ^2/NDF: 299.5/5

- 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: -7.166+/-0.160 χ^2/NDF:95.1/3

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

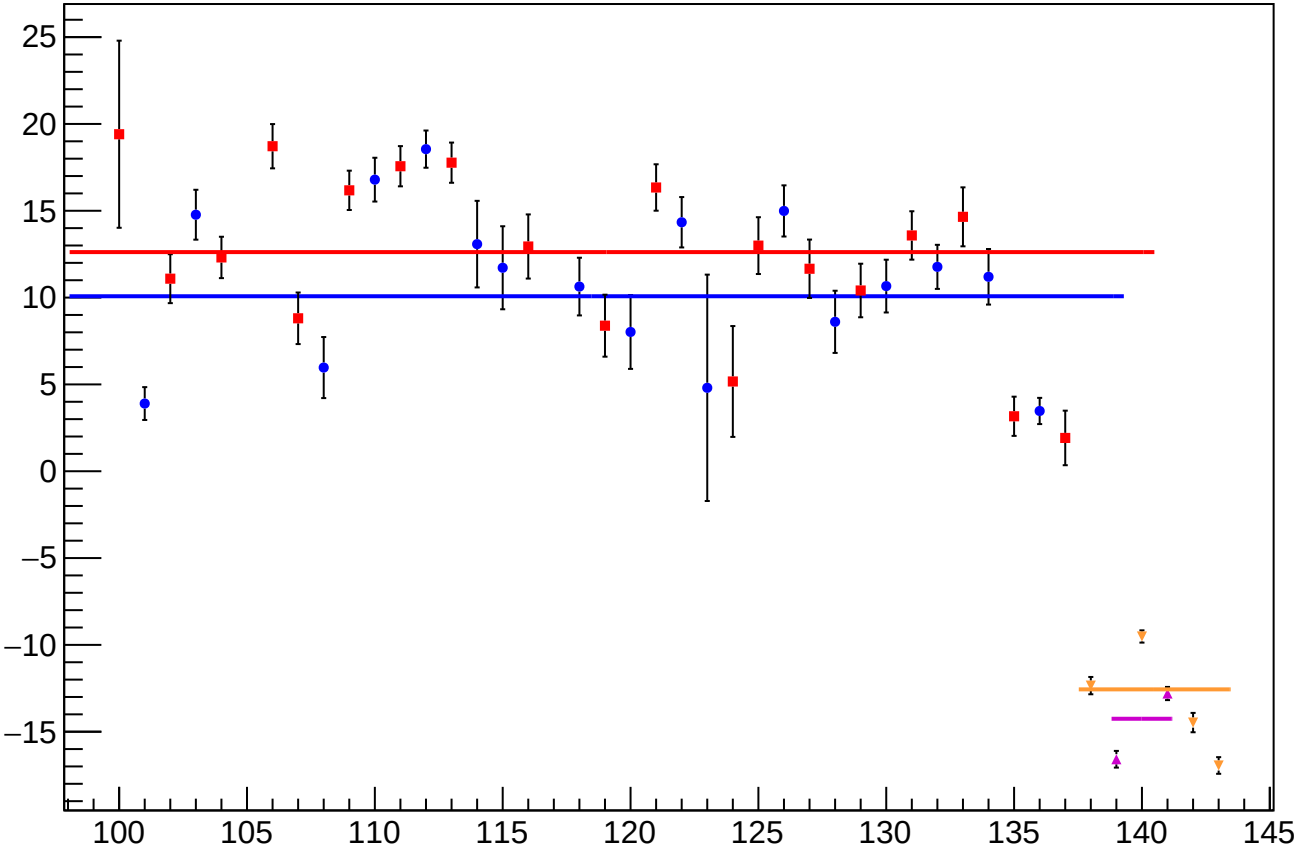
Left In: -8.198+/-0.241 χ^2/NDF:48.5/1

+ sign -7.370+/-0.121 χ^2/NDF: 492.6/20

All: -7.652+/-0.094 χ^2/NDF: 780.4/41

- sign -8.069+/-0.147 χ^2/NDF: 274.4/20

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -12.562+/-0.226 χ^2/NDF:169.9/3

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

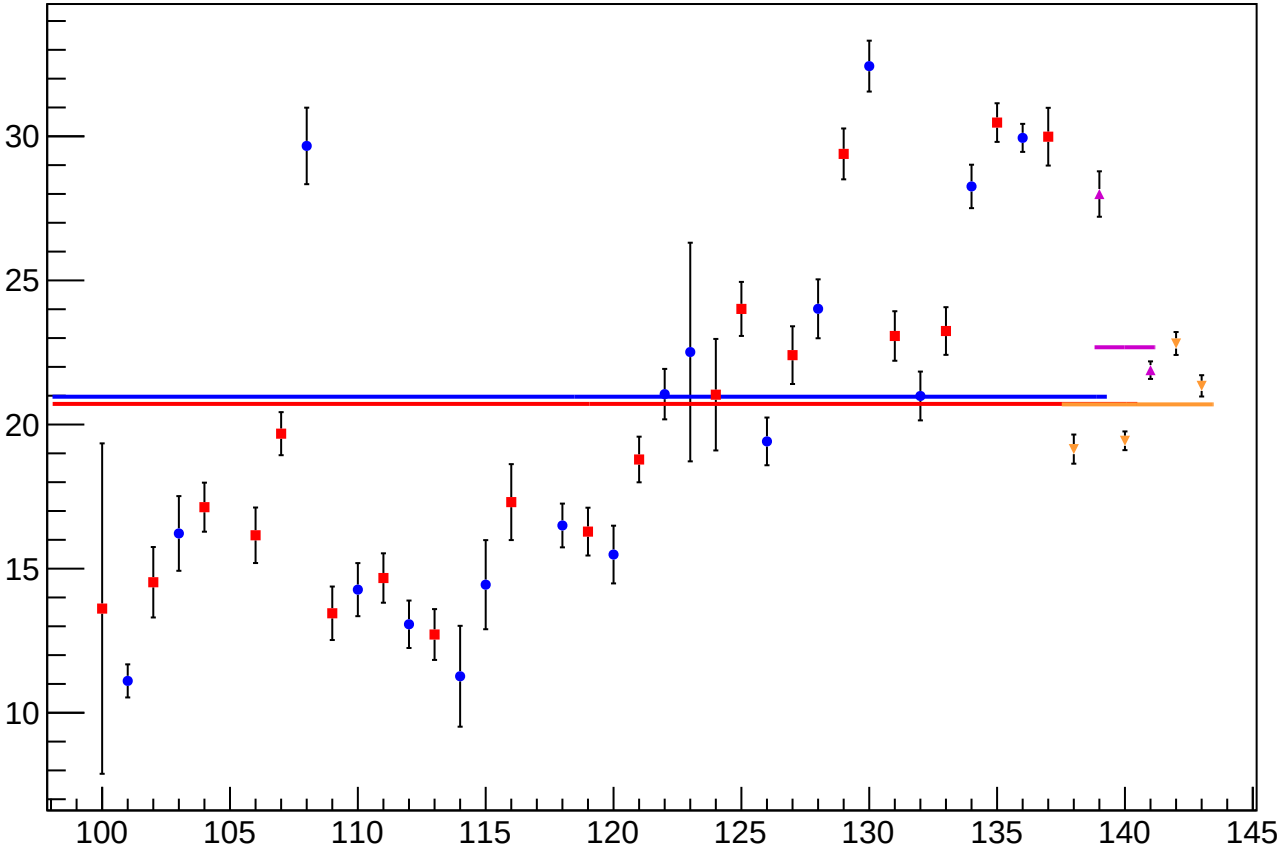
Left In: -14.255+/-0.298 χ^2/NDF:38.2/1

+ sign -5.539+/-0.188 χ^2/NDF: 3539.8/20

All: -4.183+/-0.143 χ^2/NDF: 7548.2/41

- sign -2.286+/-0.222 χ^2/NDF: 3882.9/20

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 20.699+/-0.192 χ^2/NDF:55.8/3

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

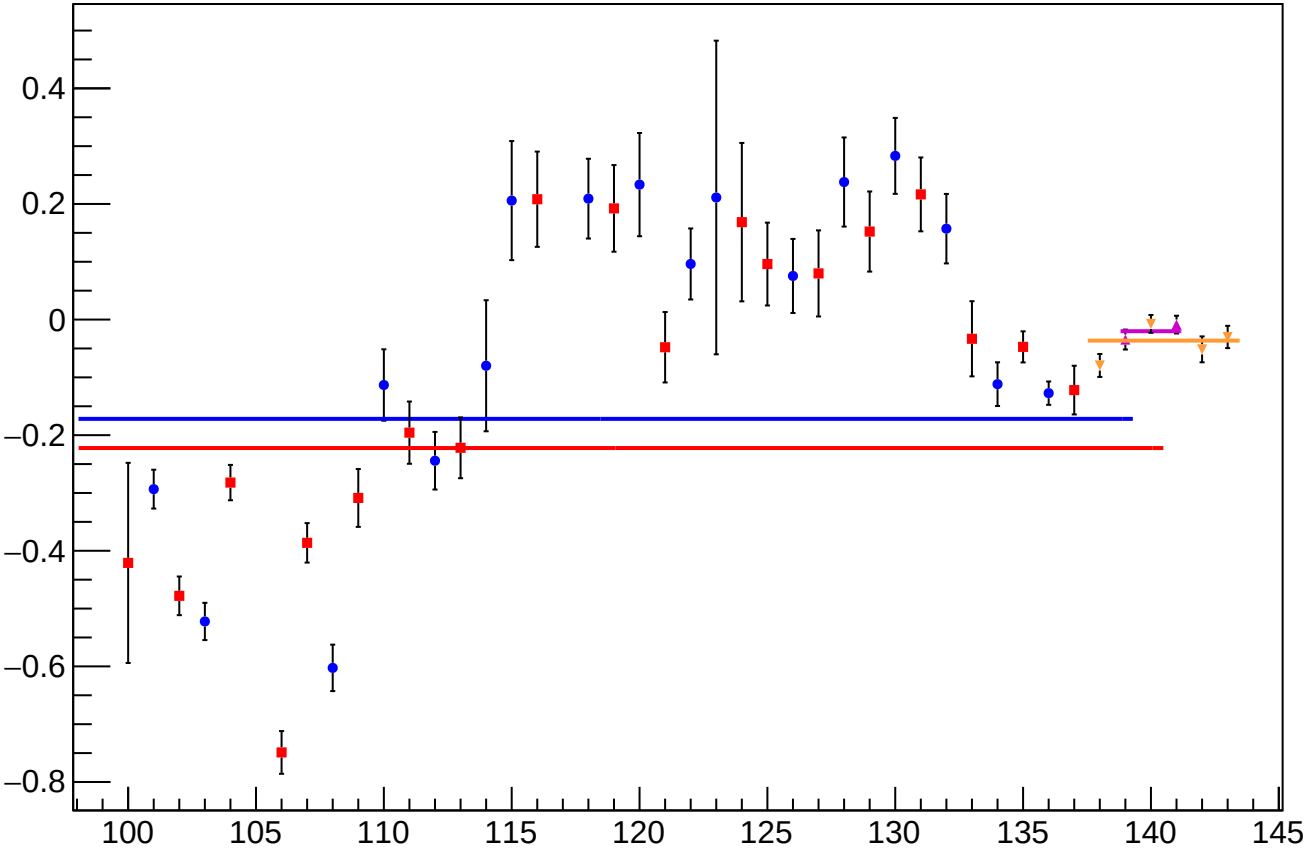
Left In: 22.681+/-0.284 χ^2/NDF:52.3/1

+ sign 20.821+/-0.142 χ^2/NDF: 1282.1/20

All: 21.066+/-0.109 χ^2/NDF: 2102.2/41

- sign 21.421+/-0.170 χ^2/NDF: 812.8/20

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.036+/-0.009 χ^2/NDF:8.8/3

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

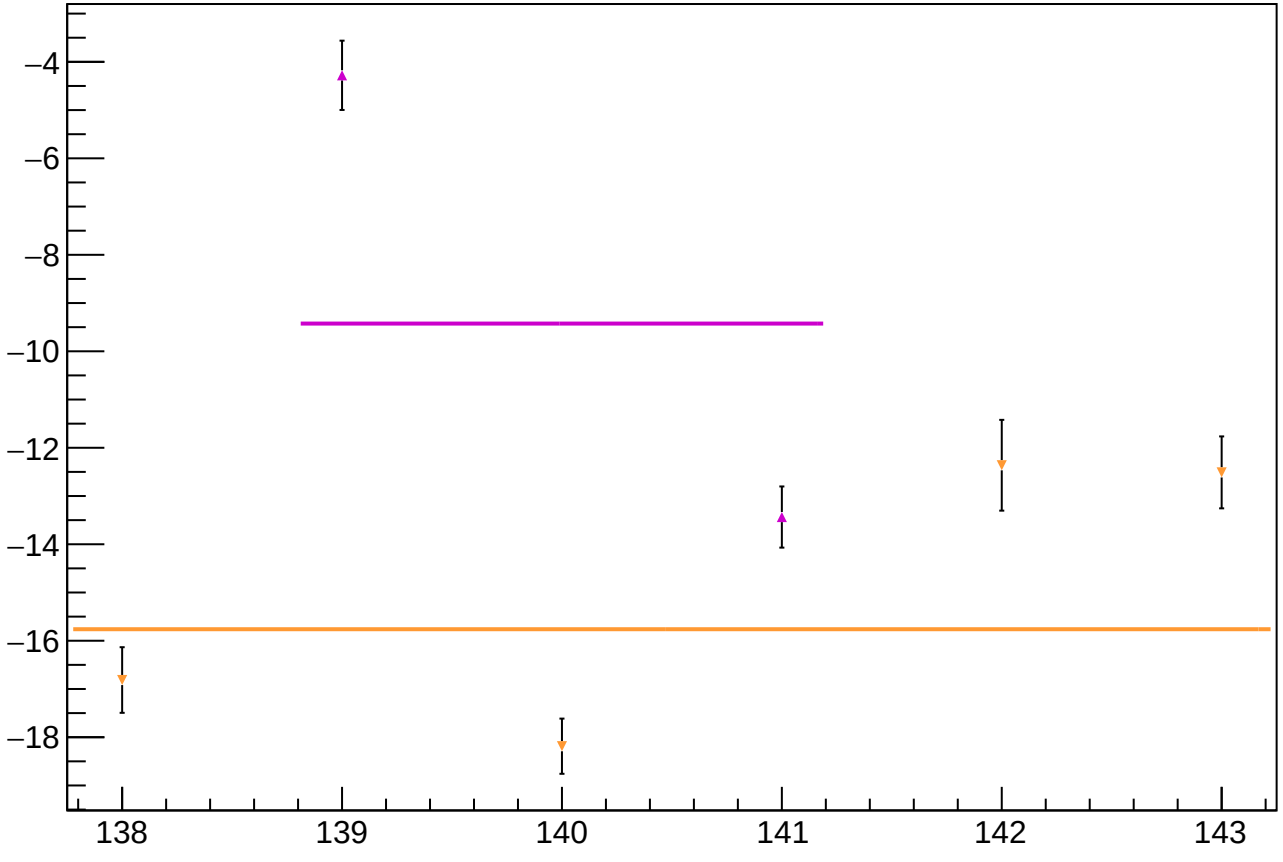
Left In: -0.020+/-0.011 χ^2/NDF:1.3/1

+ sign -0.092+/-0.007 χ^2/NDF: 559.2/20

All: -0.107+/-0.005 χ^2/NDF: 1269.3/41

- sign -0.126+/-0.008 χ^2/NDF: 700.1/20

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -15.761+/-0.350 χ^2/NDF:52.4/3

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

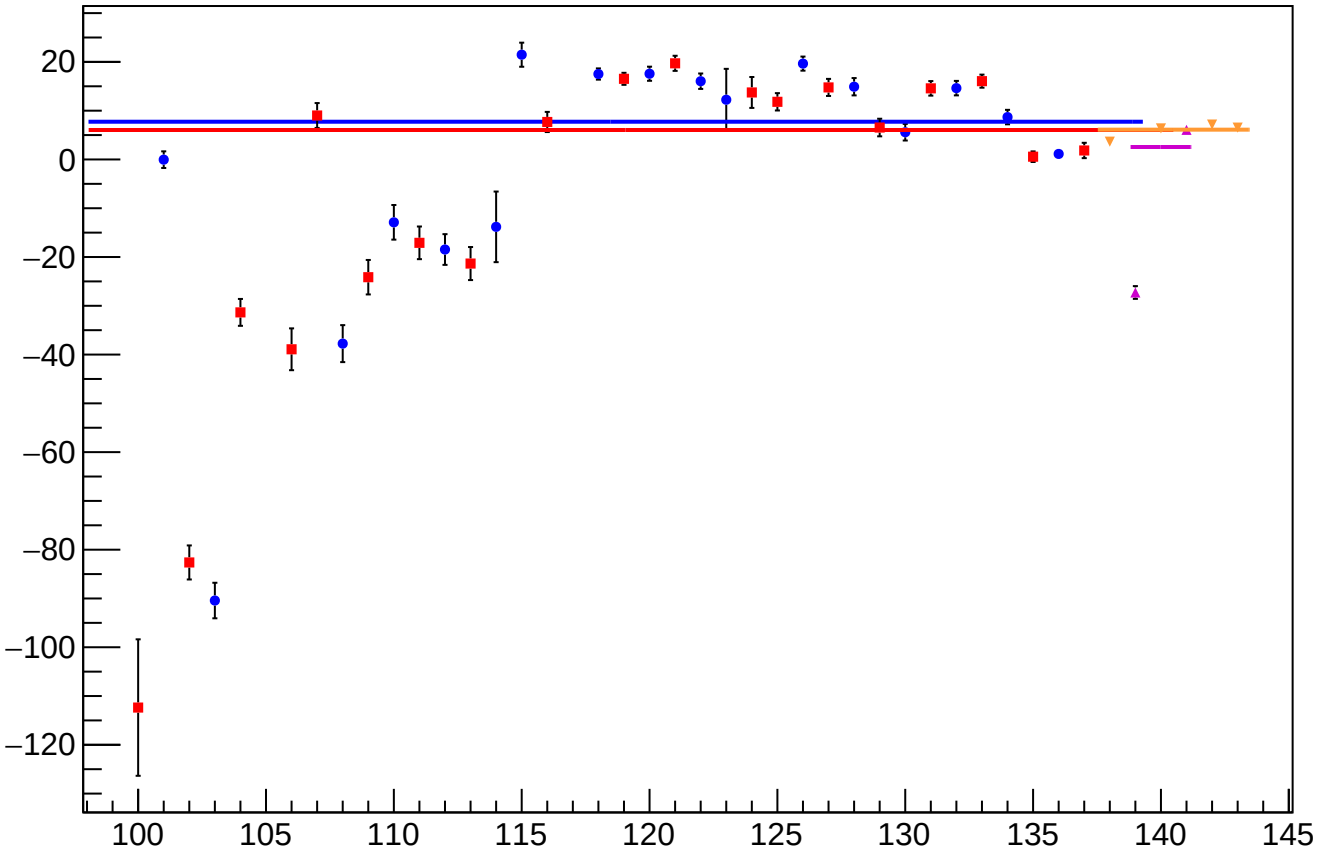
Left In: -9.425+/-0.475 χ^2/NDF:91.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.530+/-0.282 χ^2/NDF: 258.9/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 6.108+/-0.270 χ^2/NDF:18.5/3

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

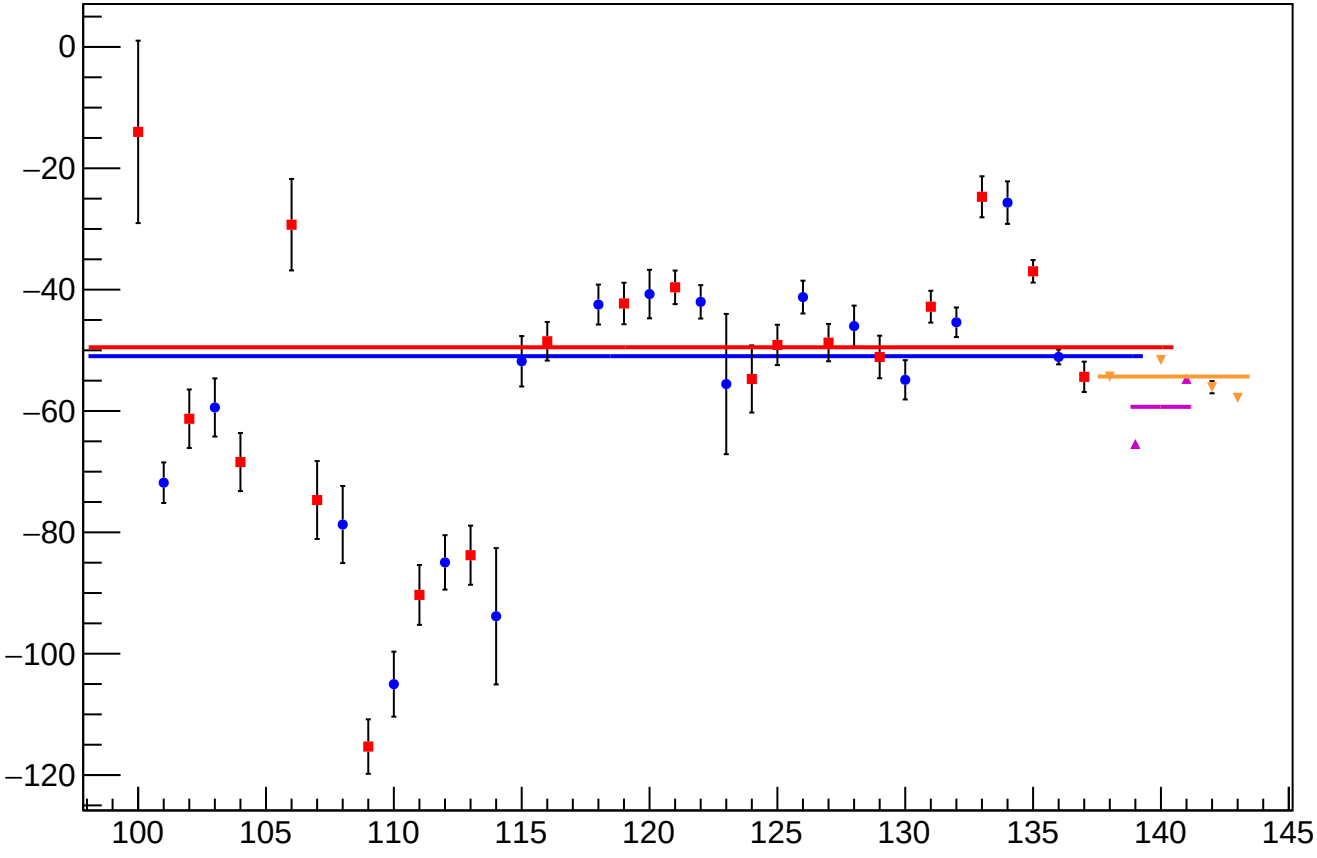
Left In: 2.553+/-0.425 χ^2/NDF:582.0/1

+ sign 6.613+/-0.224 χ^2/NDF: 1388.2/20

All: 5.781+/-0.180 χ^2/NDF: 3554.2/41

- sign 4.258+/-0.304 χ^2/NDF: 2127.1/20

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -54.319+/-0.375 χ^2/NDF:42.5/3

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

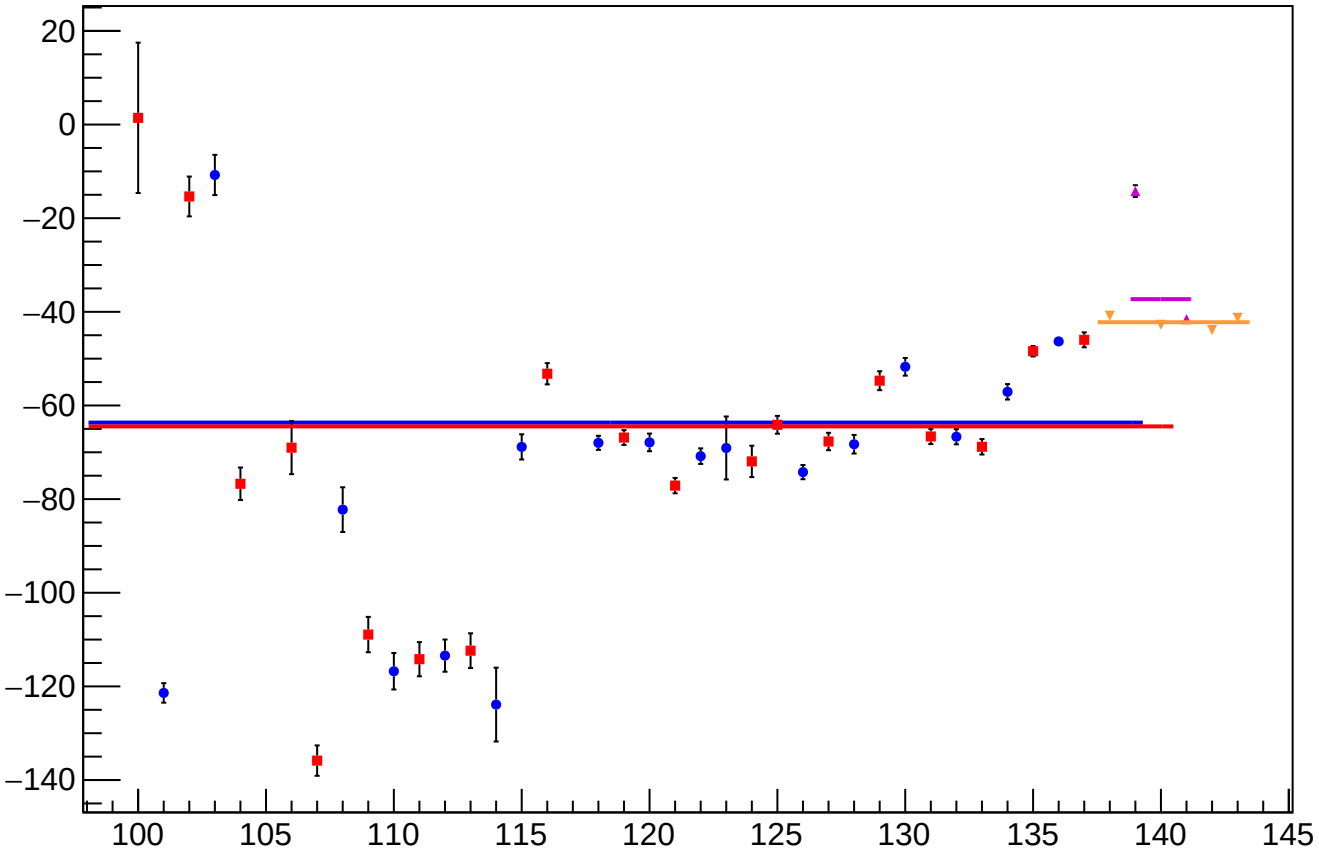
Left In: -59.313+/-0.509 χ^2/NDF:108.8/1

+ sign -53.630+/-0.334 χ^2/NDF: 391.5/20

All: -54.703+/-0.264 χ^2/NDF: 1145.7/41

- sign -56.470+/-0.429 χ^2/NDF: 726.9/20

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -42.221+/-0.324 χ^2/NDF:12.1/3

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

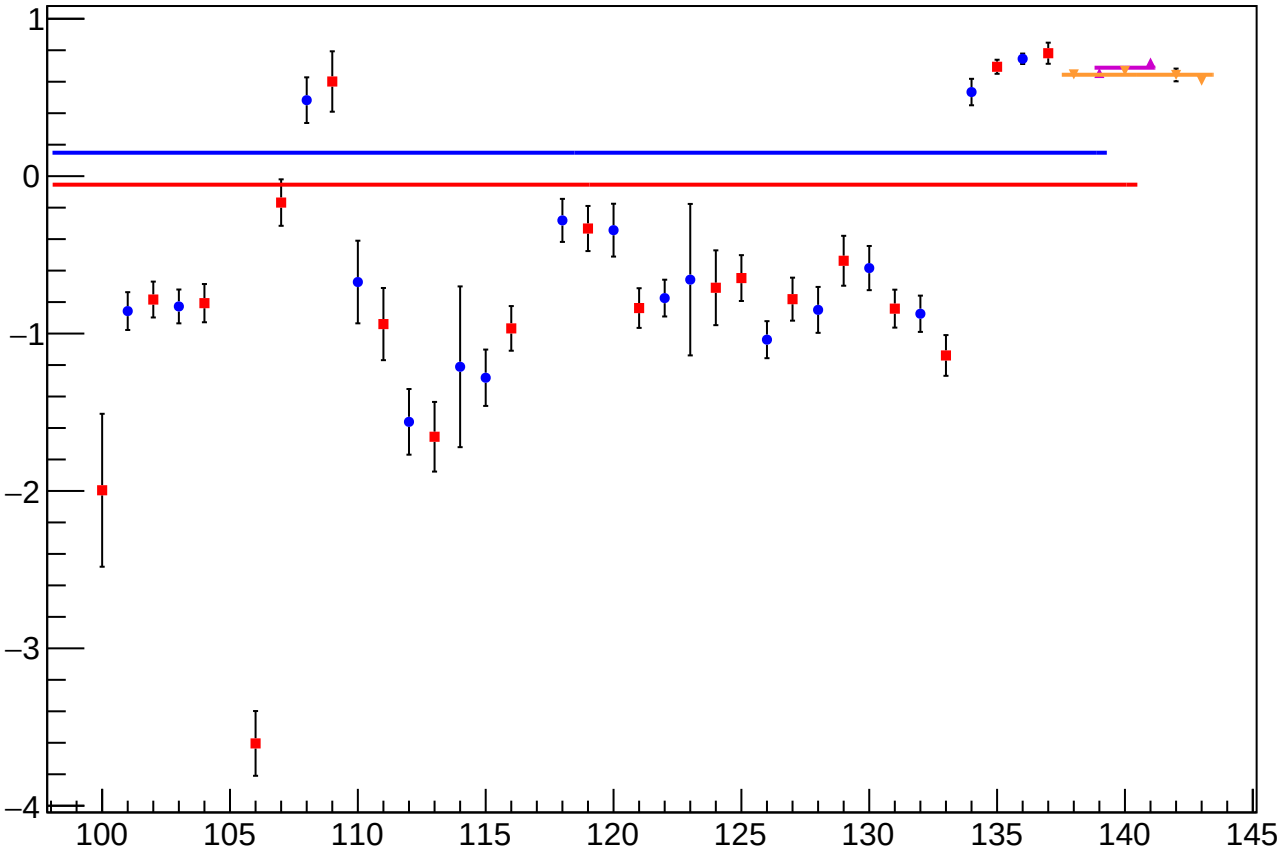
Left In: -37.288+/-0.498 χ^2/NDF:397.6/1

+ sign -49.646+/-0.262 χ^2/NDF: 3540.9/20

All: -50.250+/-0.209 χ^2/NDF: 7096.9/41

- sign -51.306+/-0.347 χ^2/NDF: 3541.4/20

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.644+/-0.016 χ^2/NDF:2.3/3

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

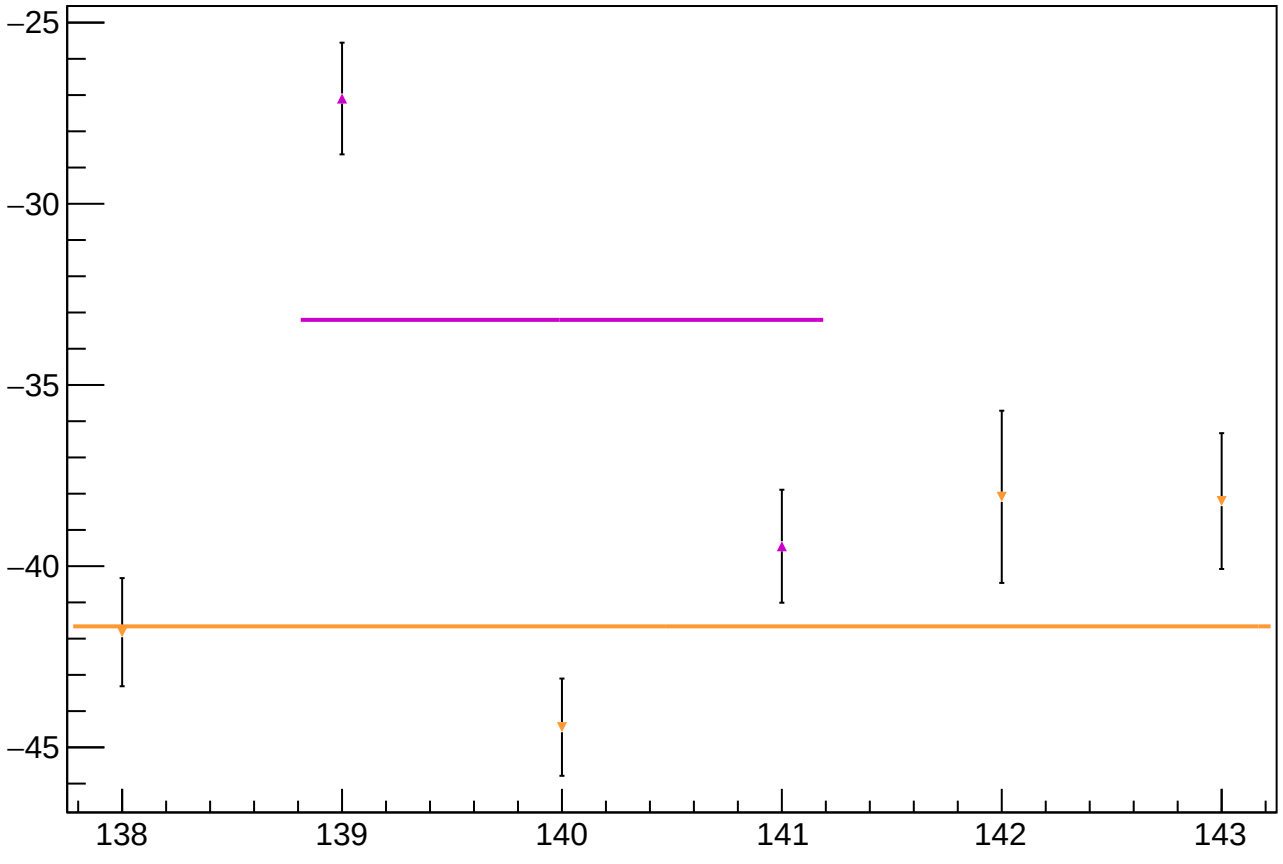
Left In: 0.689+/-0.019 χ^2/NDF:3.0/1

+ sign 0.498+/-0.013 χ^2/NDF: 1293.3/20

All: 0.469+/-0.010 χ^2/NDF: 2996.7/41

- sign 0.426+/-0.016 χ^2/NDF: 1690.8/20

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -41.661+/-0.826 χ^2/NDF:10.0/3

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

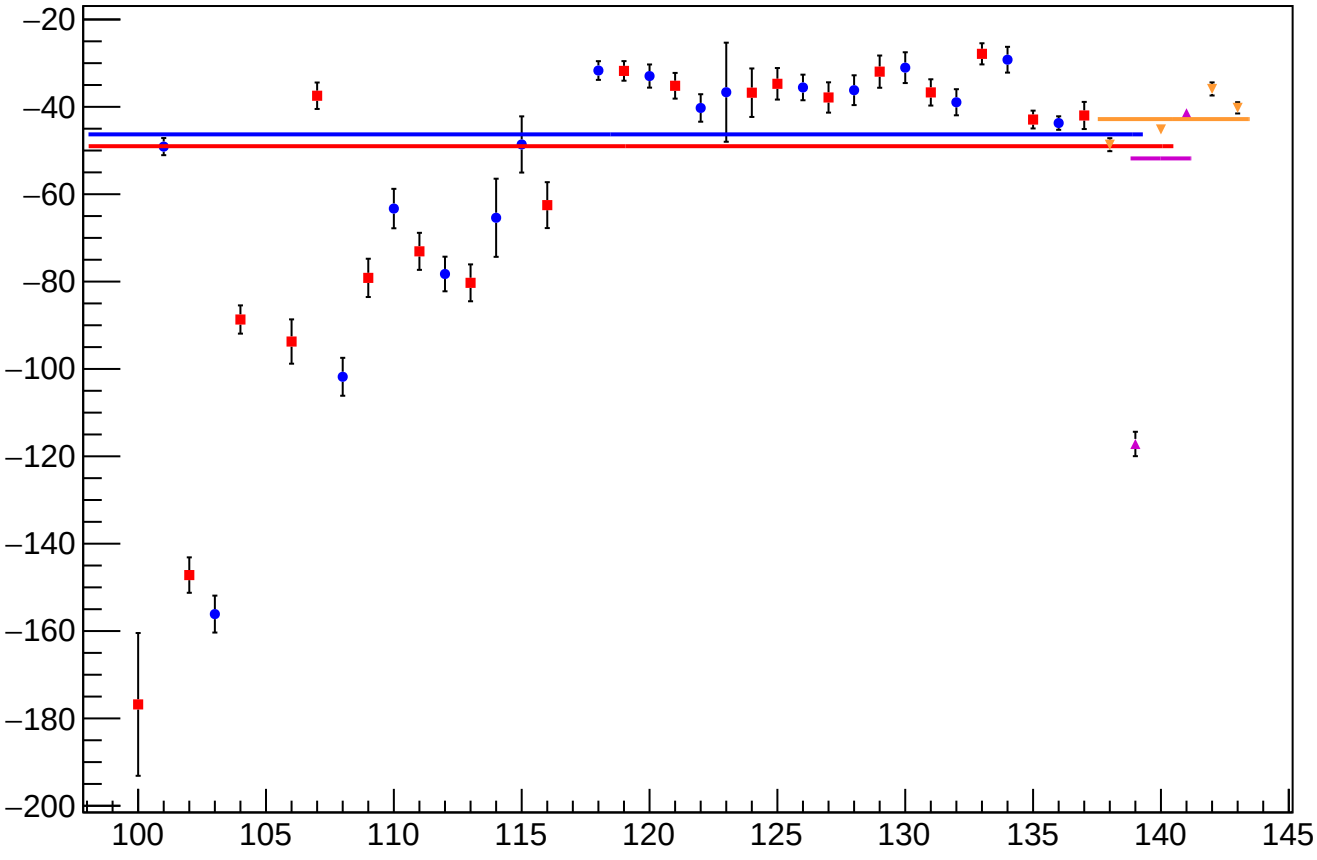
Left In: -33.203+/-1.096 χ^2/NDF:31.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -38.598+/-0.660 χ^2/NDF: 79.7/5

- 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: -42.803+/-0.655 χ^2/NDF:45.3/3

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

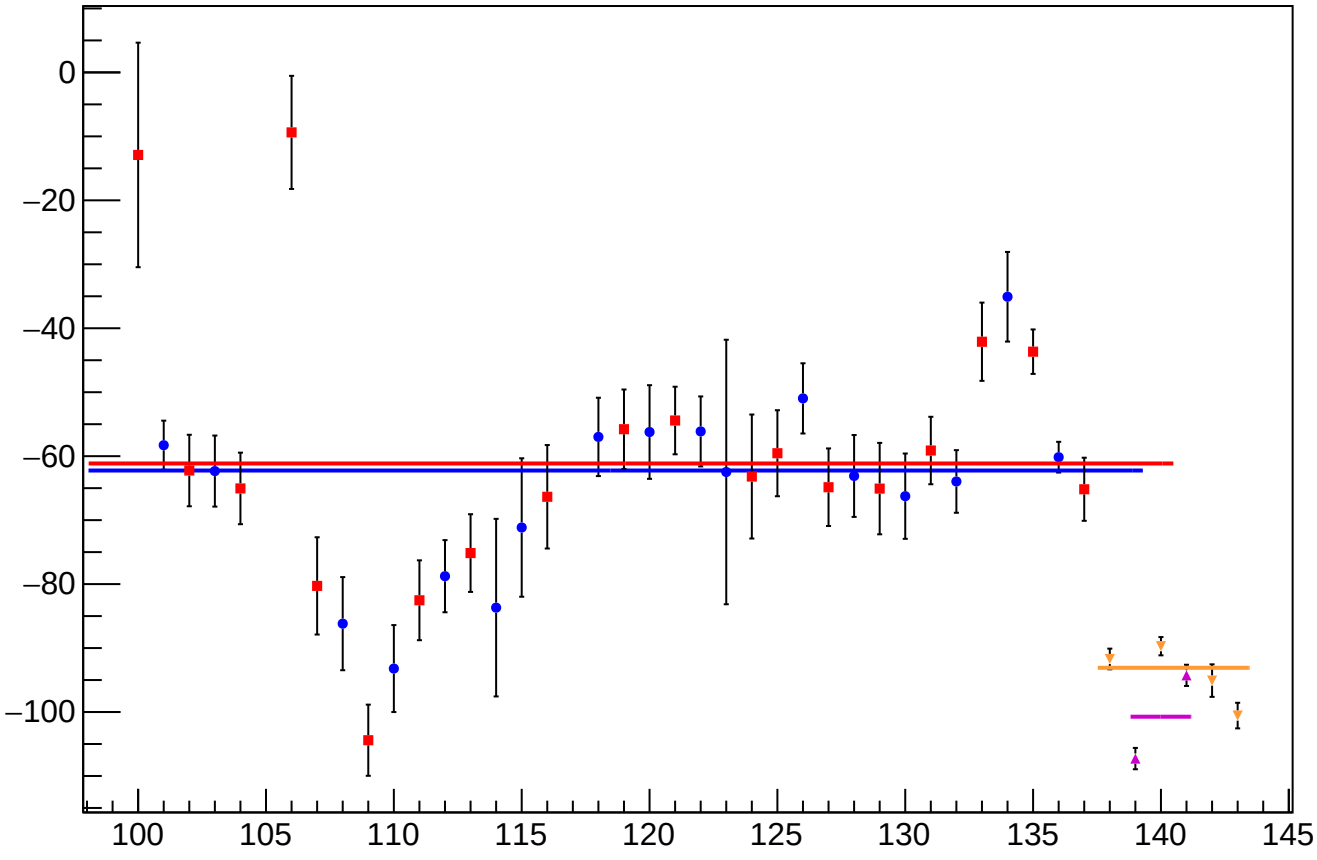
Left In: -51.806+/-1.032 χ^2/NDF:634.8/1

+ sign -44.381+/-0.486 χ^2/NDF: 1142.2/20

All: -46.543+/-0.381 χ^2/NDF: 3105.0/41

- sign -49.999+/-0.614 χ^2/NDF: 1911.2/20

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -93.083+/-0.885 χ^2/NDF:20.9/3

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

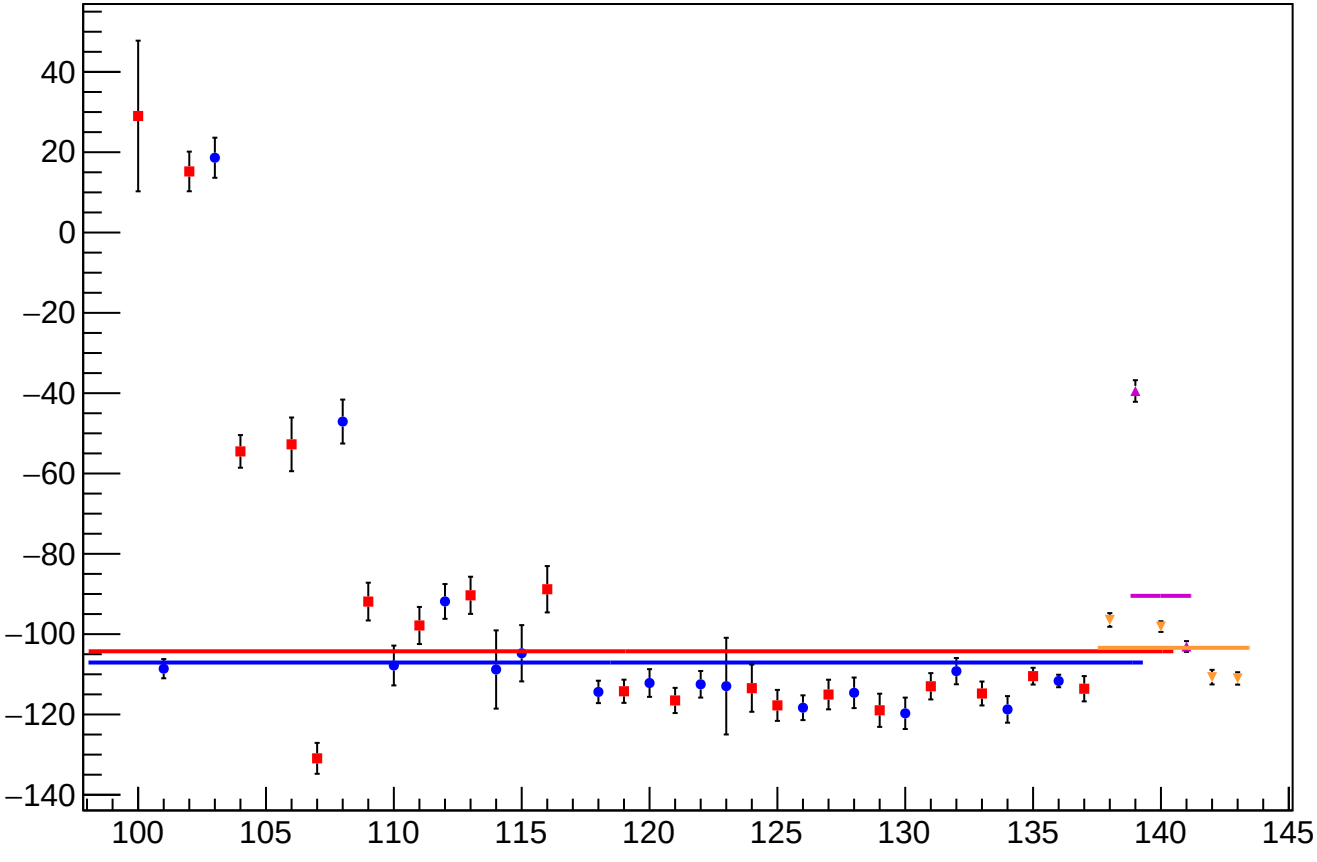
Left In: -100.733+/-1.176 χ^2/NDF:30.6/1

+ sign -83.419+/-0.733 χ^2/NDF: 468.8/20

All: -83.684+/-0.567 χ^2/NDF: 1142.5/41

- sign -84.077+/-0.895 χ^2/NDF: 673.4/20

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -103.403+/-0.783 χ^2/NDF:72.9/3

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

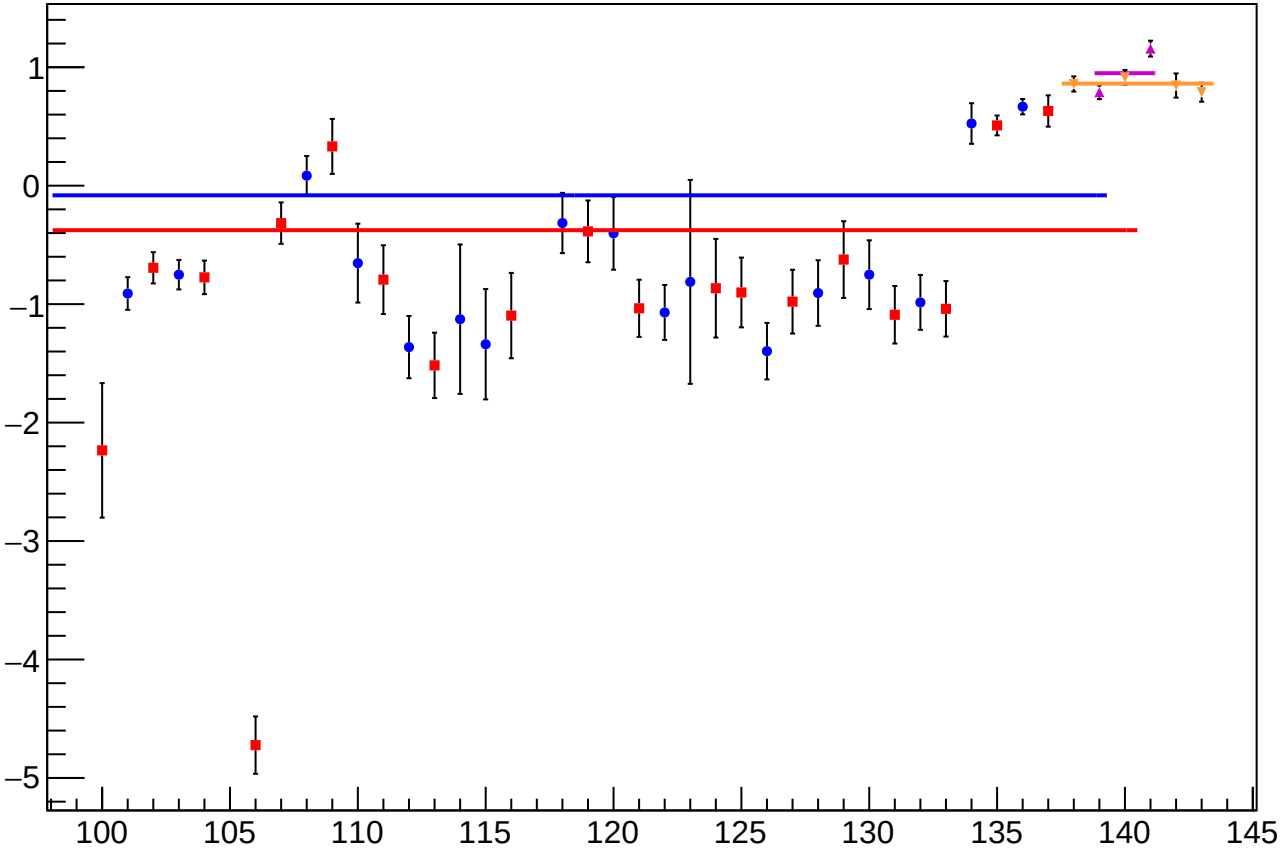
Left In: -90.462+/-1.197 χ^2/NDF:448.8/1

+ sign -105.169+/-0.563 χ^2/NDF: 911.8/20

All: -102.962+/-0.439 χ^2/NDF: 2505.8/41

- sign -99.564+/-0.699 χ^2/NDF: 1555.1/20

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.862+/-0.036 χ^2/NDF:1.6/3

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

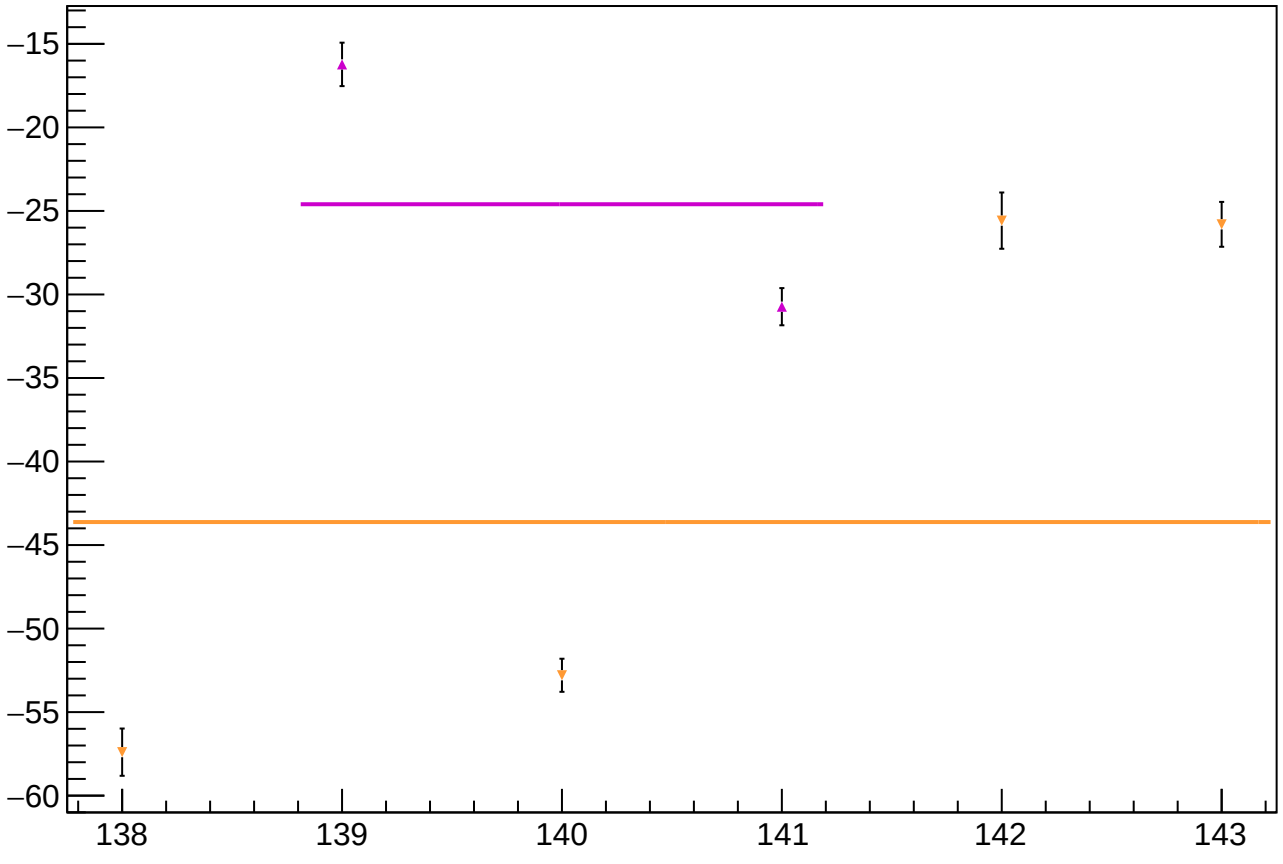
Left In: 0.950+/-0.044 χ^2/NDF:17.0/1

+ sign 0.459+/-0.028 χ^2/NDF: 617.2/20

All: 0.381+/-0.021 χ^2/NDF: 1687.8/41

- sign 0.282+/-0.031 χ^2/NDF: 1052.5/20

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -43.623+/-0.642 χ^2/NDF:471.4/3

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

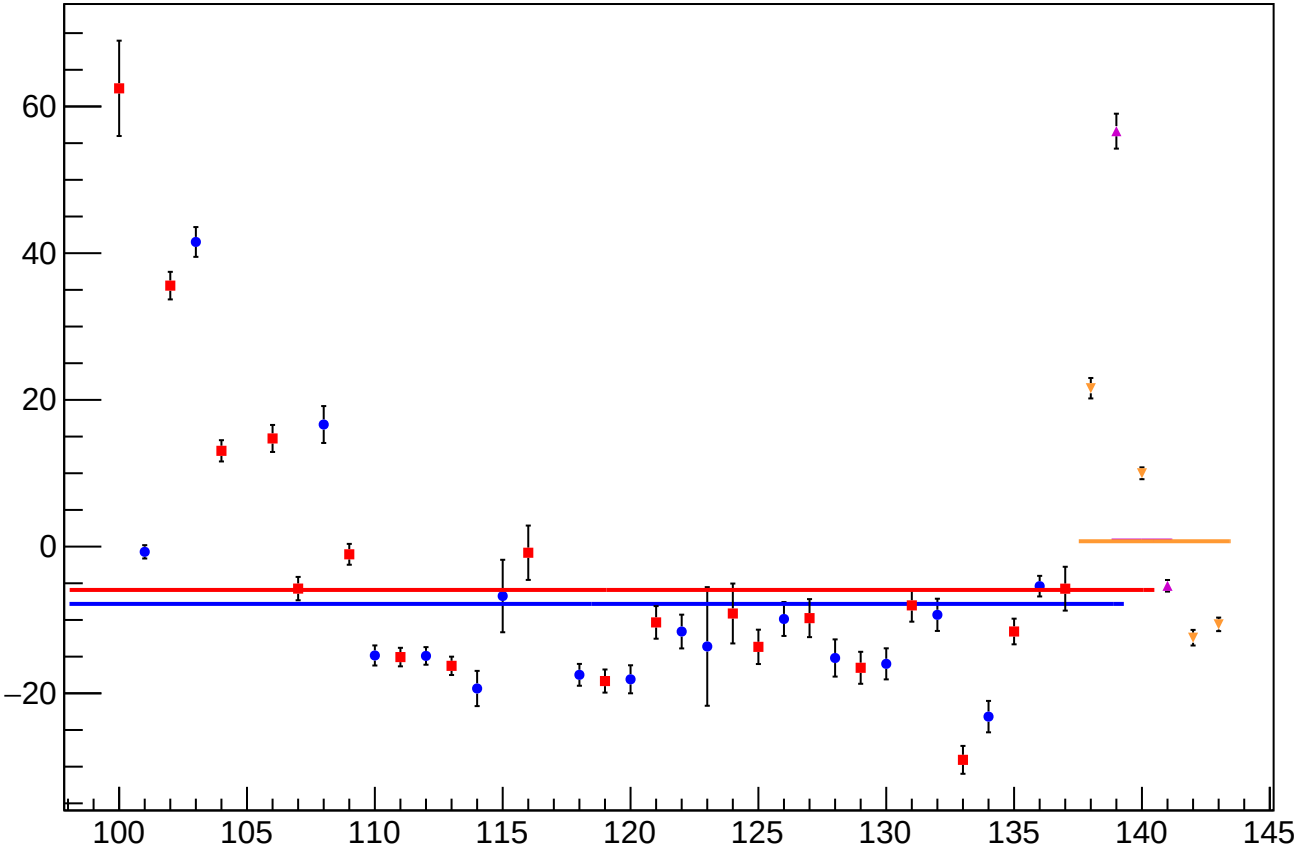
Left In: -24.599+/-0.845 χ^2/NDF:71.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.665+/-0.511 χ^2/NDF: 864.4/5

- 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: 0.730+/-0.494 χ^2/NDF:659.0/3

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

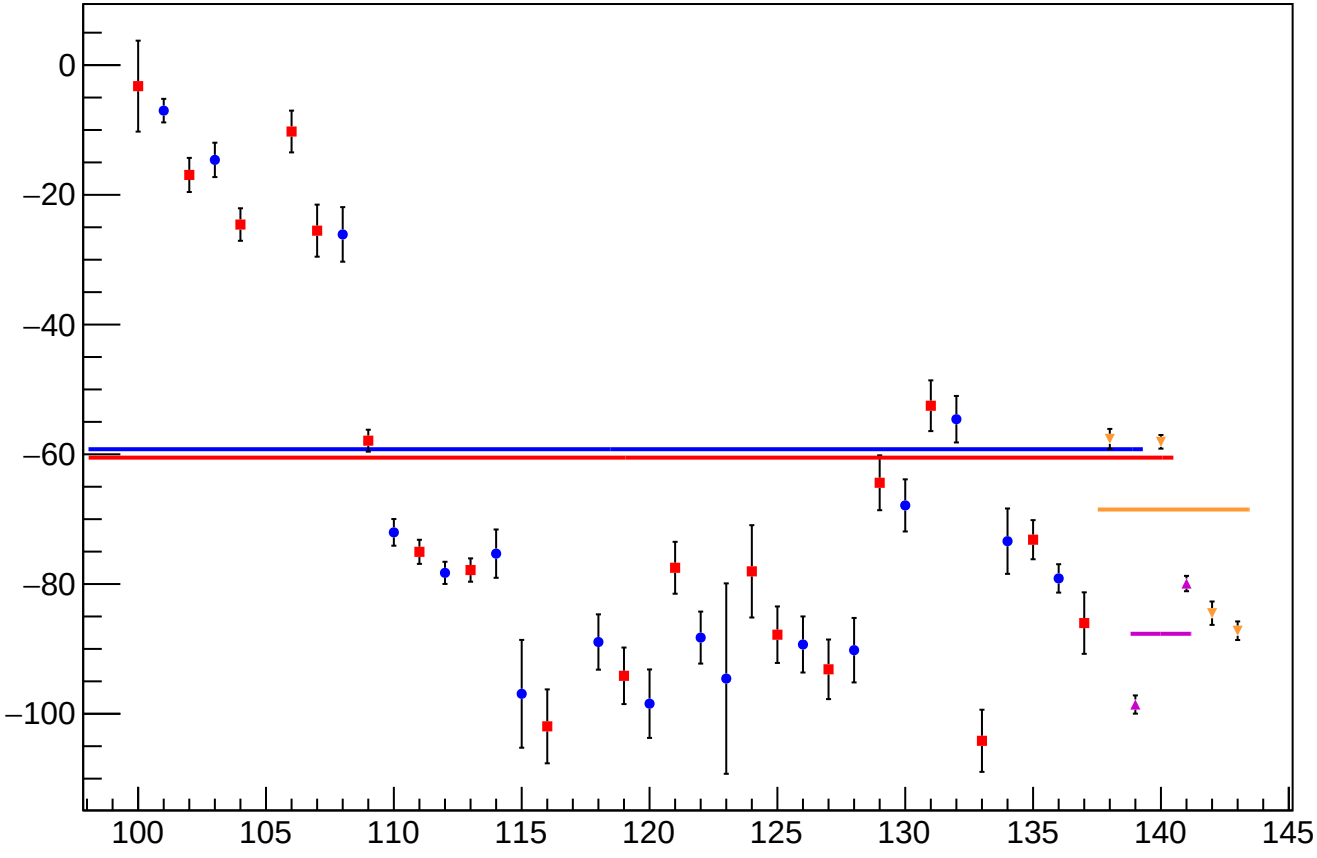
Left In: 0.824+/-0.751 χ^2/NDF:610.4/1

+ sign -4.153+/-0.323 χ^2/NDF: 1812.9/20

All: -4.195+/-0.244 χ^2/NDF: 3776.9/41

- sign -4.251+/-0.373 χ^2/NDF: 1964.0/20

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -68.510+/-0.687 χ^2/NDF:396.9/3

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

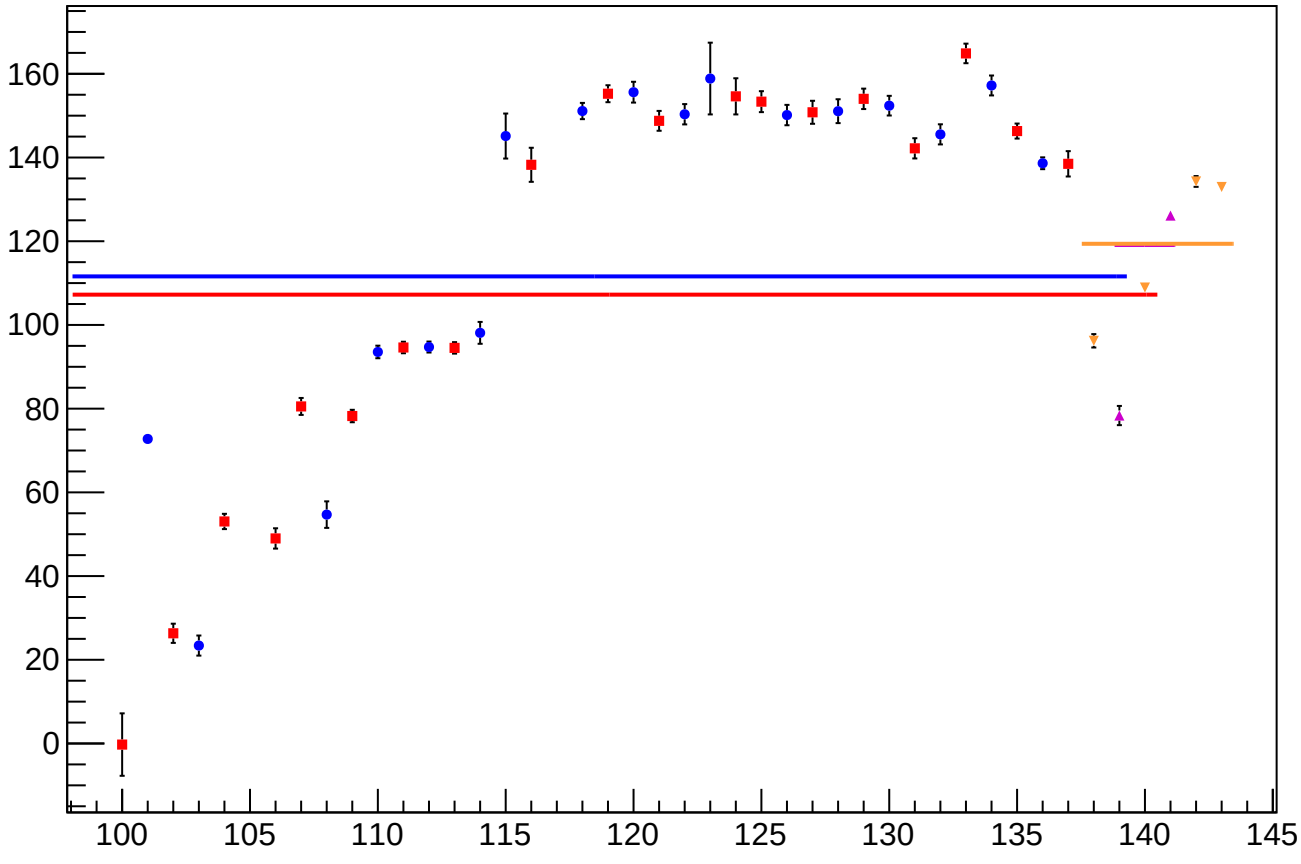
Left In: -87.669+/-0.905 χ^2/NDF:103.2/1

+ sign -64.230+/-0.505 χ^2/NDF: 2201.6/20

All: -67.179+/-0.374 χ^2/NDF: 4325.1/41

- sign -70.754+/-0.556 χ^2/NDF: 2048.0/20

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 119.388+/-0.592 χ^2/NDF:607.1/3

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

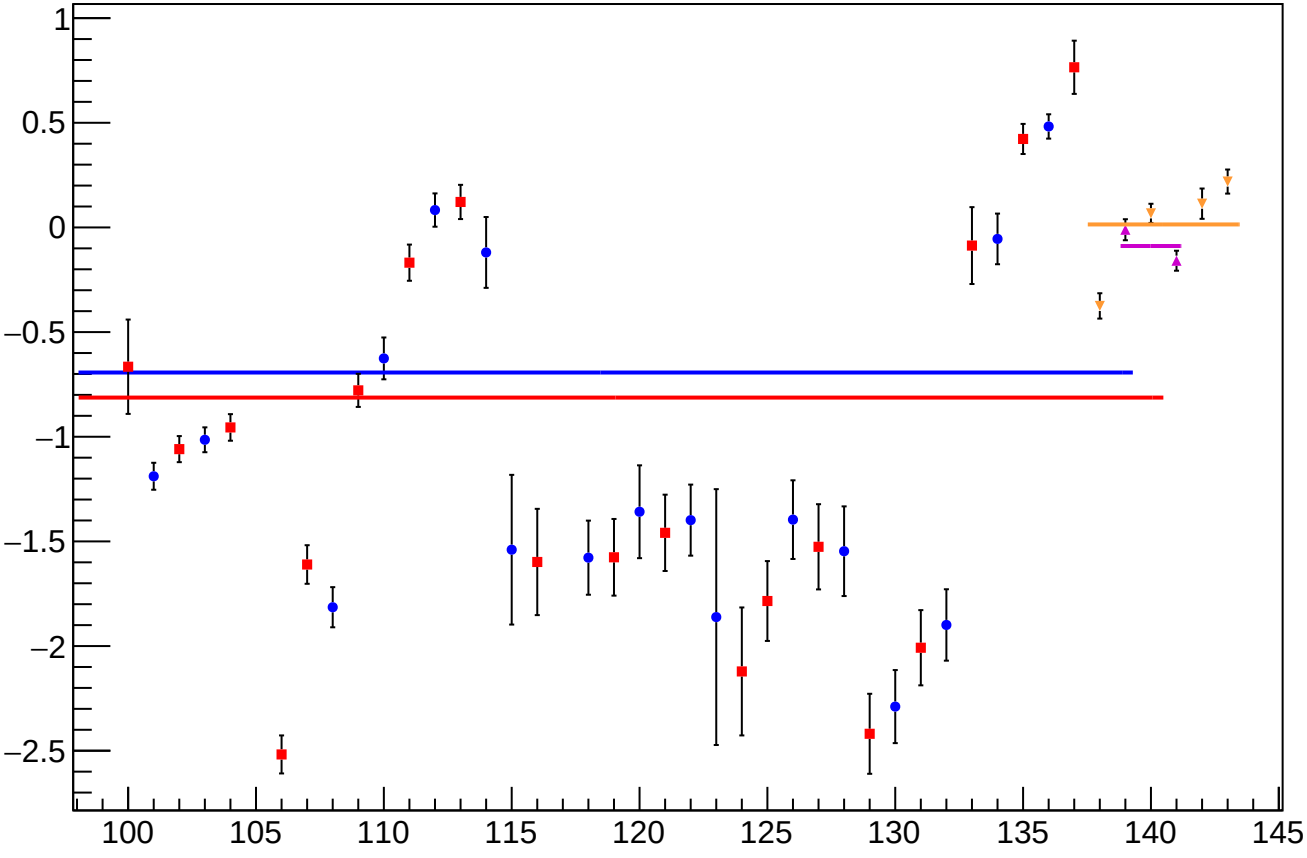
Left In: 119.099+/-0.880 χ^2/NDF:369.5/1

+ sign 114.739+/-0.376 χ^2/NDF: 6669.9/20

All: 112.678+/-0.282 χ^2/NDF: 14284.6/41

- sign 110.024+/-0.427 χ^2/NDF: 7545.9/20

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: 0.014+/-0.028 χ^2/NDF:57.2/3

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

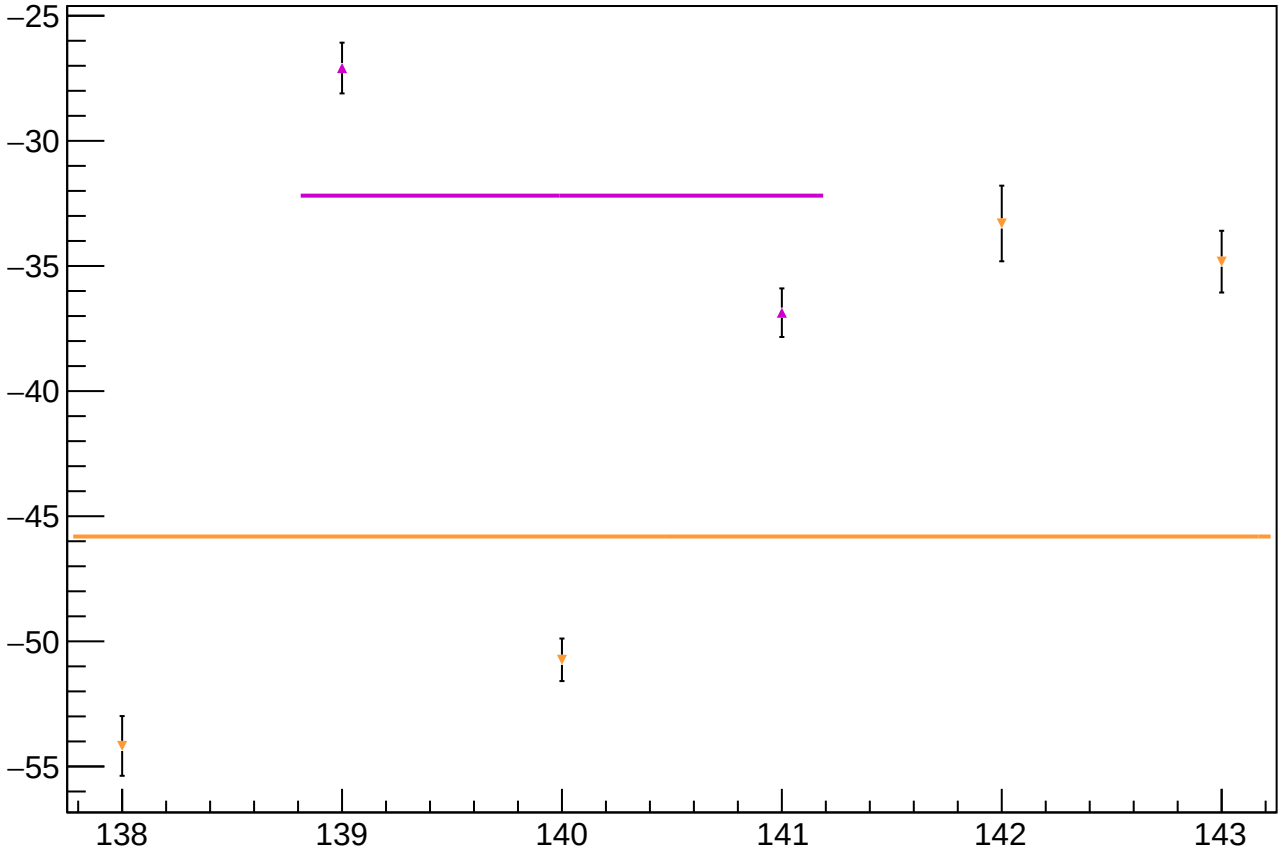
Left In: -0.089+/-0.035 χ^2/NDF:4.6/1

+ sign -0.373+/-0.019 χ^2/NDF: 1390.9/20

All: -0.469+/-0.014 χ^2/NDF: 3051.8/41

- sign -0.573+/-0.020 χ^2/NDF: 1608.3/20

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -45.810+/-0.561 χ^2/NDF:230.6/3

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

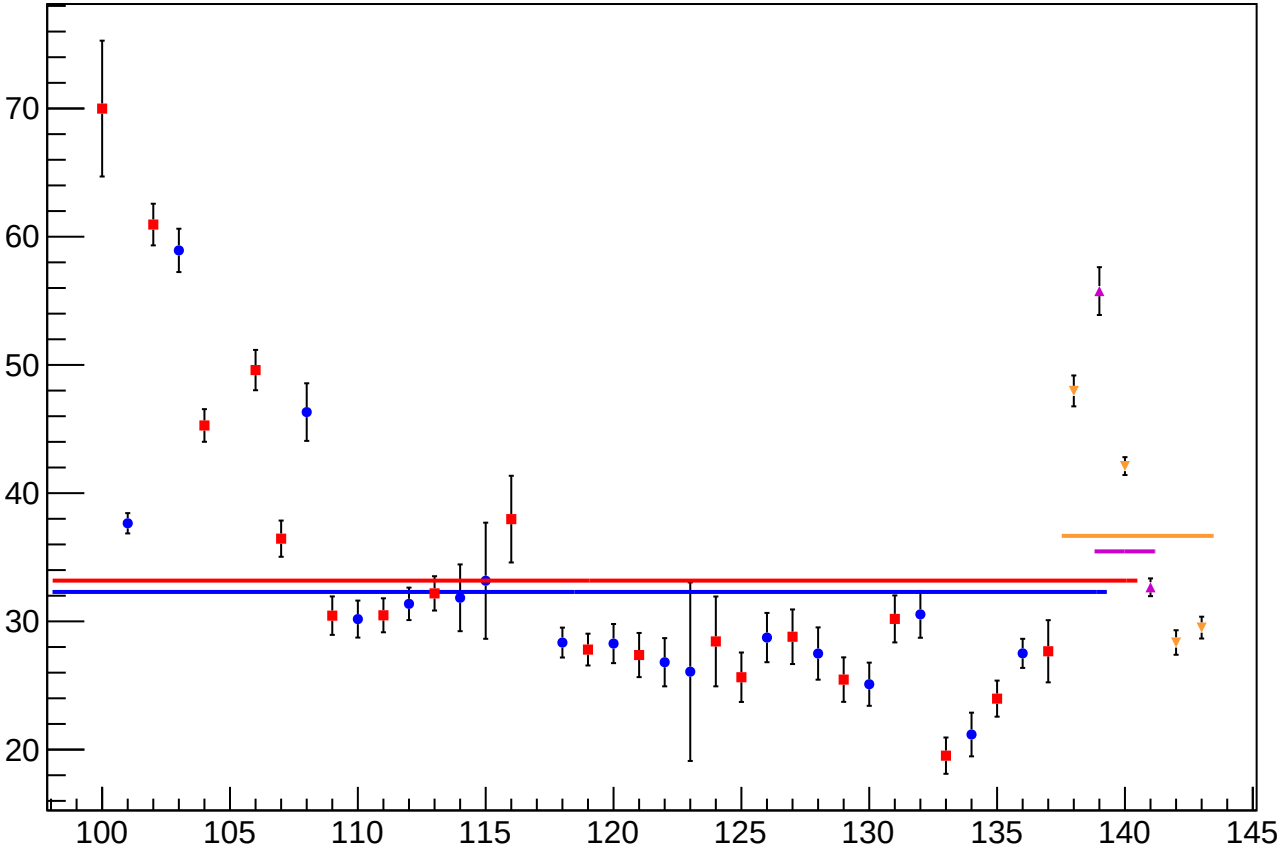
Left In: -32.189+/-0.701 χ^2/NDF:48.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -40.498+/-0.438 χ^2/NDF: 509.3/5

- 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: 36.669+/-0.438 χ^2/NDF:295.4/3

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

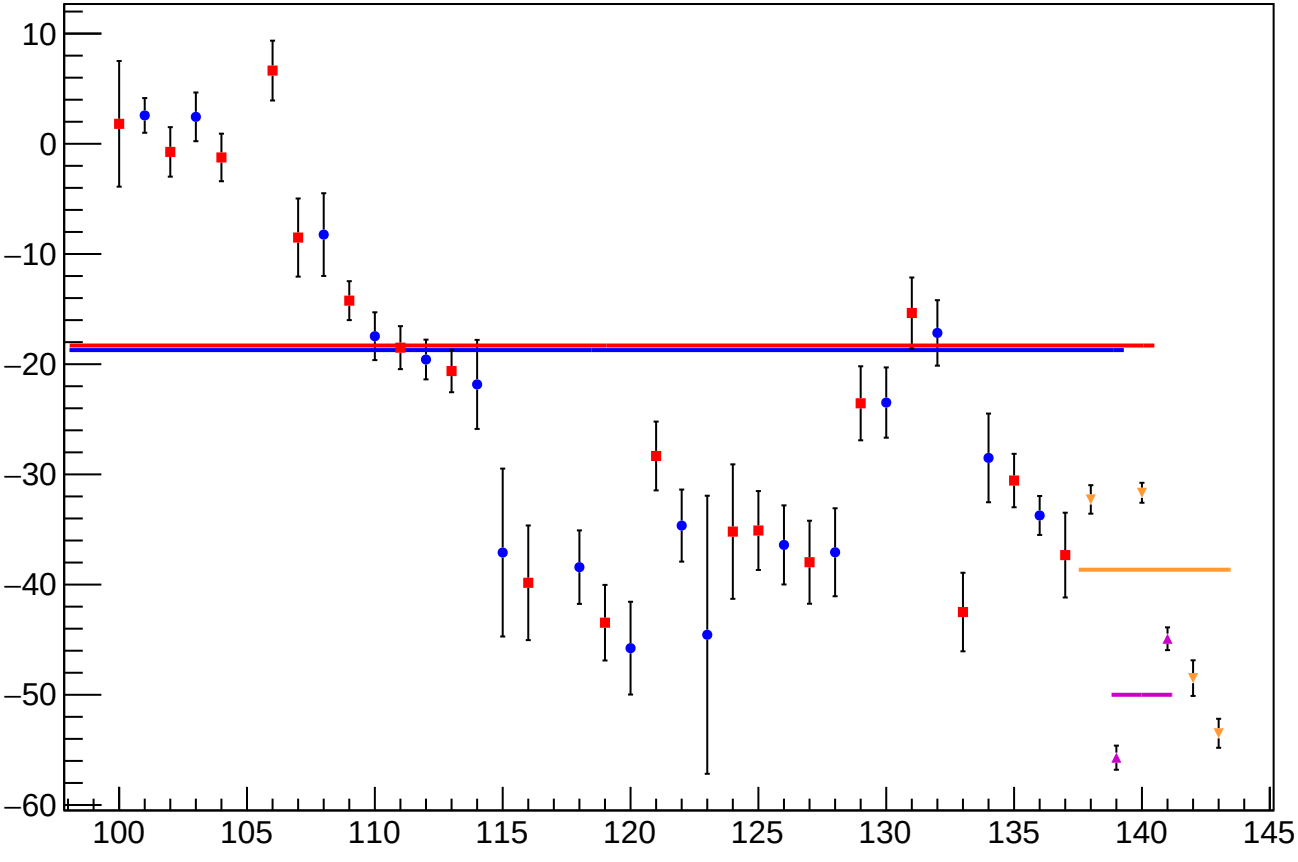
Left In: 35.459+/-0.649 χ^2/NDF:134.8/1

+ sign 34.133+/-0.284 χ^2/NDF: 805.5/20

All: 33.973+/-0.214 χ^2/NDF: 1720.5/41

- sign 33.759+/-0.327 χ^2/NDF: 914.3/20

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -38.648+/-0.600 χ^2/NDF:247.8/3

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

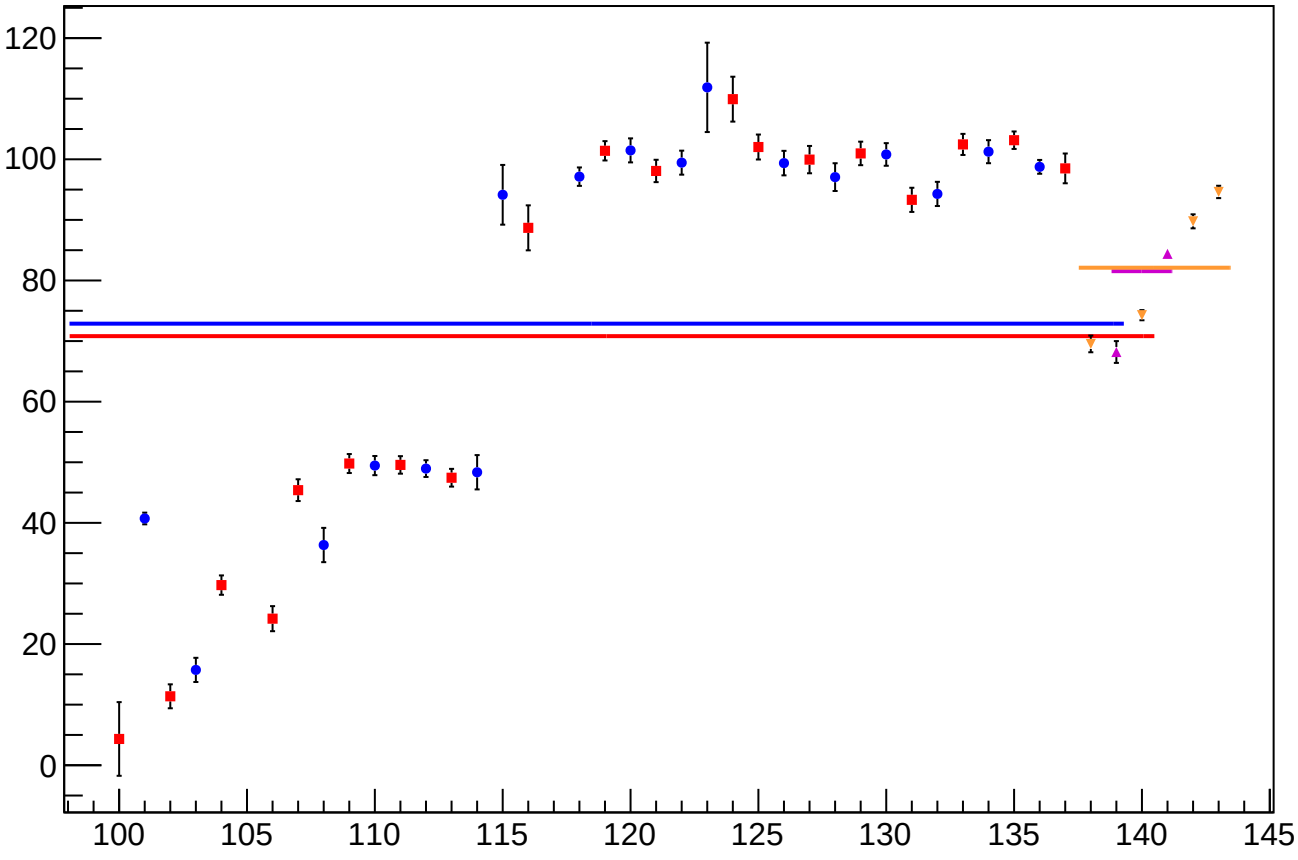
Left In: -49.999+/-0.751 χ^2/NDF:51.5/1

+ sign -29.709+/-0.446 χ^2/NDF: 1262.0/20

All: -30.625+/-0.329 χ^2/NDF: 2822.4/41

- sign -31.726+/-0.489 χ^2/NDF: 1551.1/20

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 82.109+/-0.524 χ^2/NDF:364.2/3

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

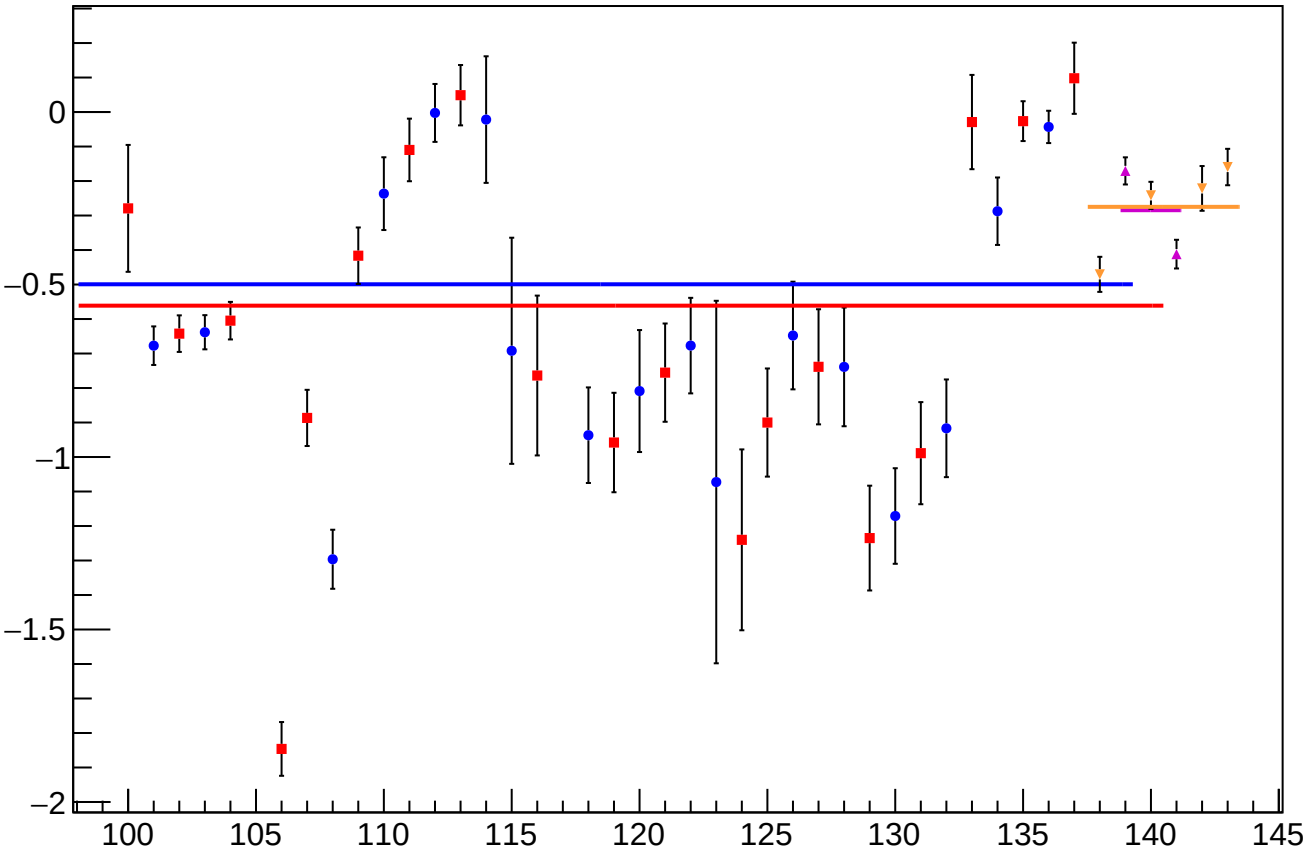
Left In: 81.539+/-0.756 χ^2/NDF:66.8/1

+ sign 76.551+/-0.330 χ^2/NDF: 5289.3/20

All: 75.207+/-0.248 χ^2/NDF: 11034.9/41

- sign 73.468+/-0.376 χ^2/NDF: 5707.6/20

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.275+/-0.025 χ^2/NDF:21.0/3

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

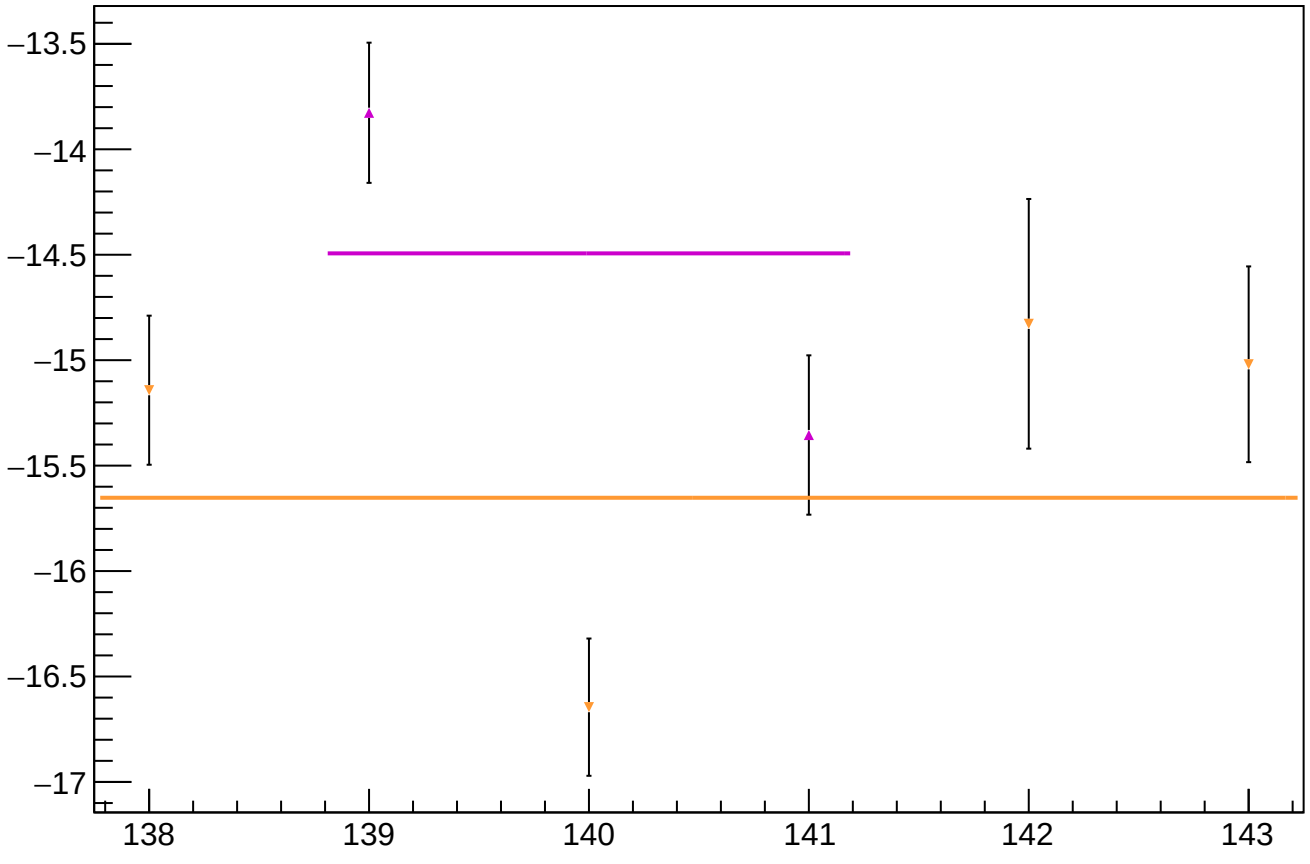
Left In: -0.285+/-0.029 χ^2/NDF:17.8/1

+ sign -0.399+/-0.017 χ^2/NDF: 369.9/20

All: -0.429+/-0.012 χ^2/NDF: 1017.1/41

- sign -0.462+/-0.017 χ^2/NDF: 640.2/20

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: -15.652+/-0.200 χ^2/NDF:15.2/3

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

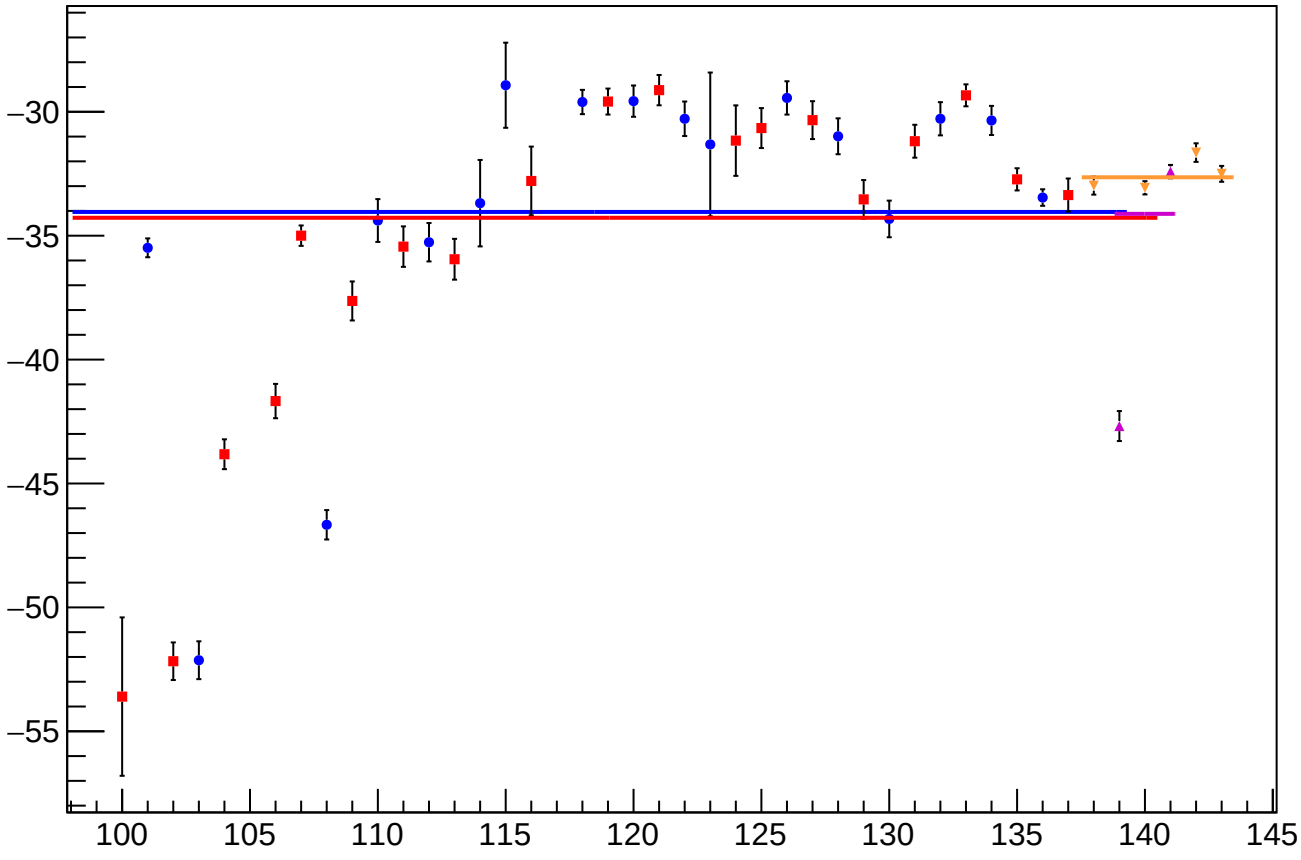
Left In: -14.494+/-0.250 χ^2/NDF:9.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.199+/-0.156 χ^2/NDF: 37.5/5

- 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: -32.643+/-0.161 χ^2/NDF:10.6/3

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

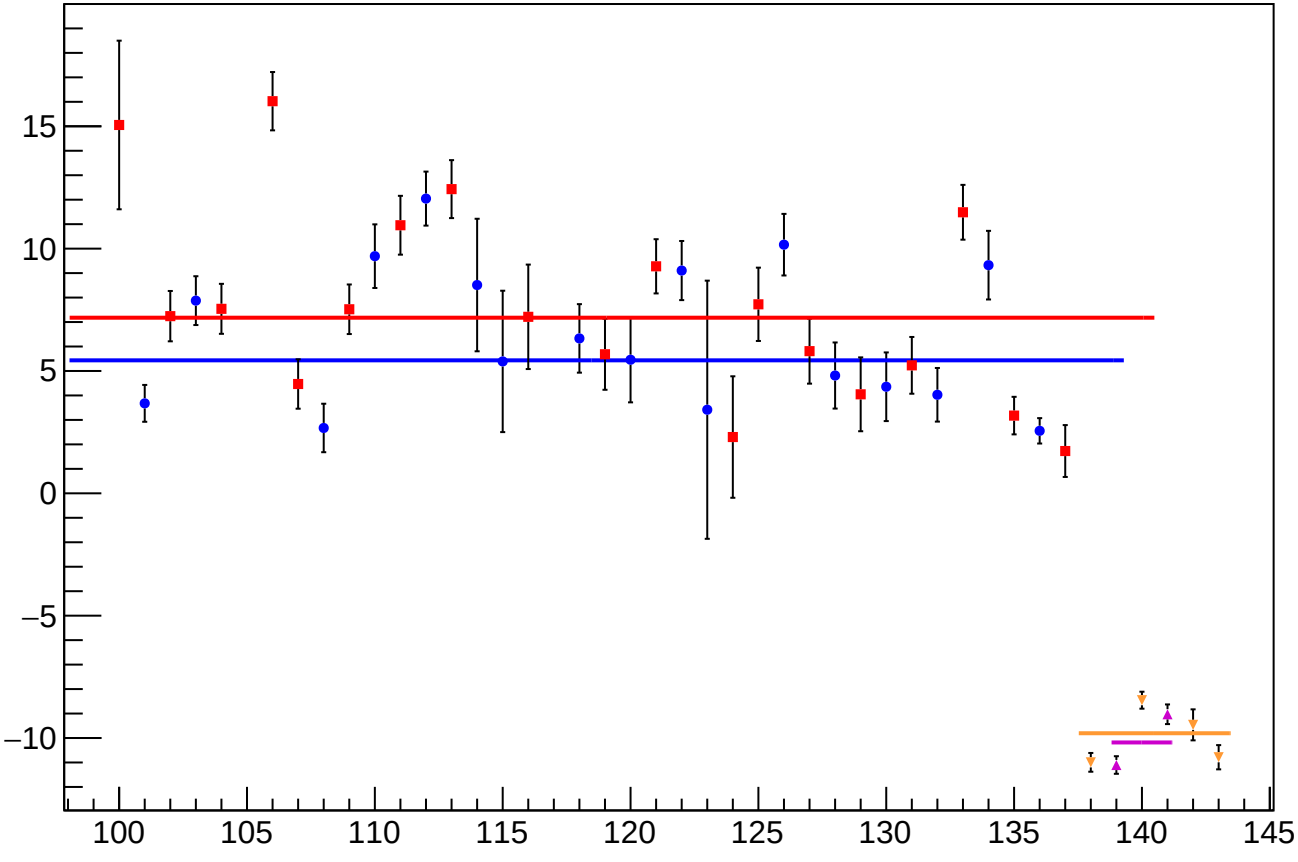
Left In: -34.118+/-0.247 χ^2/NDF:239.9/1

+ sign -33.391+/-0.110 χ^2/NDF: 1391.5/20

All: -33.747+/-0.084 χ^2/NDF: 3005.9/41

- sign -34.234+/-0.129 χ^2/NDF: 1589.7/20

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435+/-0.270 χ^2/NDF: 132.0/16

Left Out: -9.805+/-0.215 χ^2/NDF:29.0/3

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

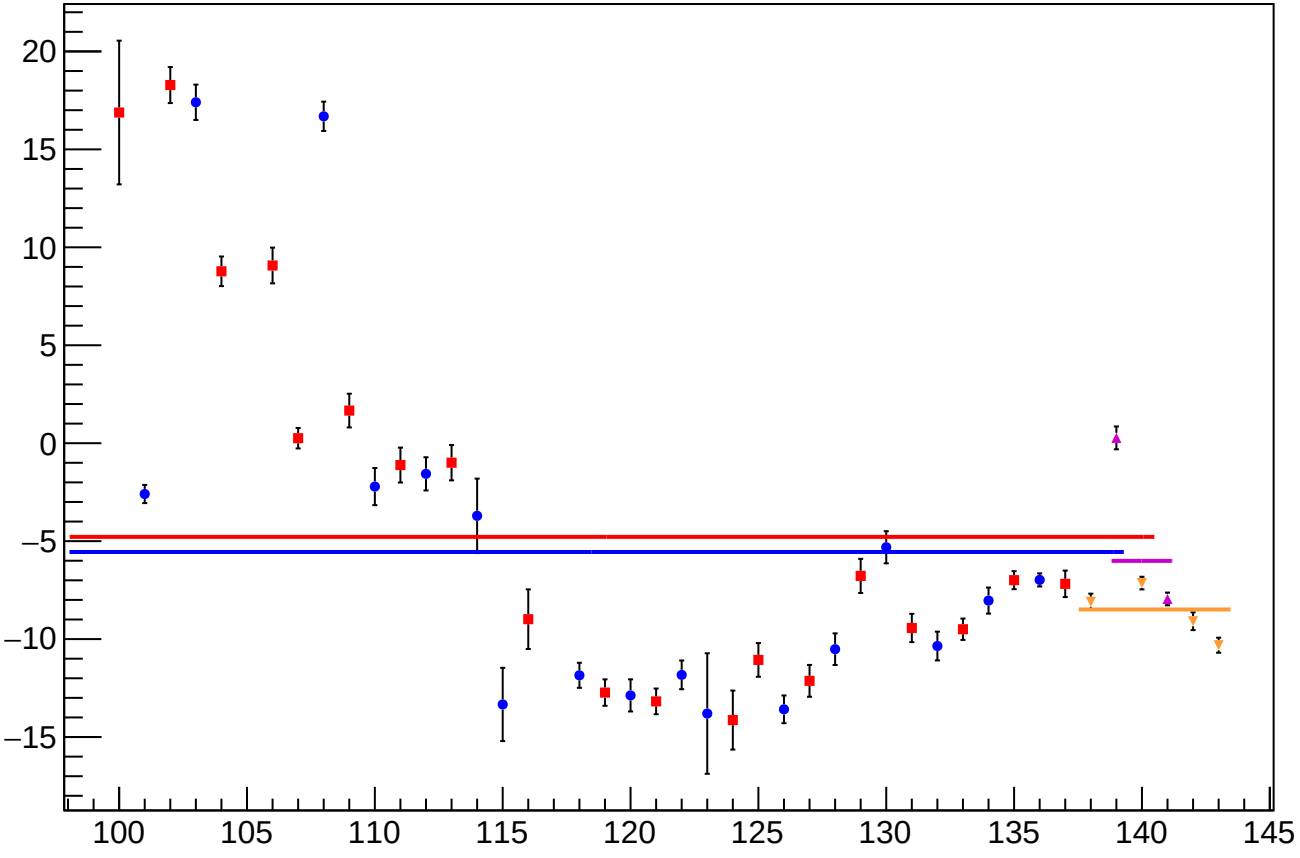
Left In: -10.182+/-0.268 χ^2/NDF:14.8/1

+ sign -3.889+/-0.168 χ^2/NDF: 2116.5/20

All: -2.940+/-0.126 χ^2/NDF: 4438.7/41

- sign -1.705+/-0.192 χ^2/NDF: 2248.7/20

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: -8.489+/-0.192 χ^2/NDF:42.6/3

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

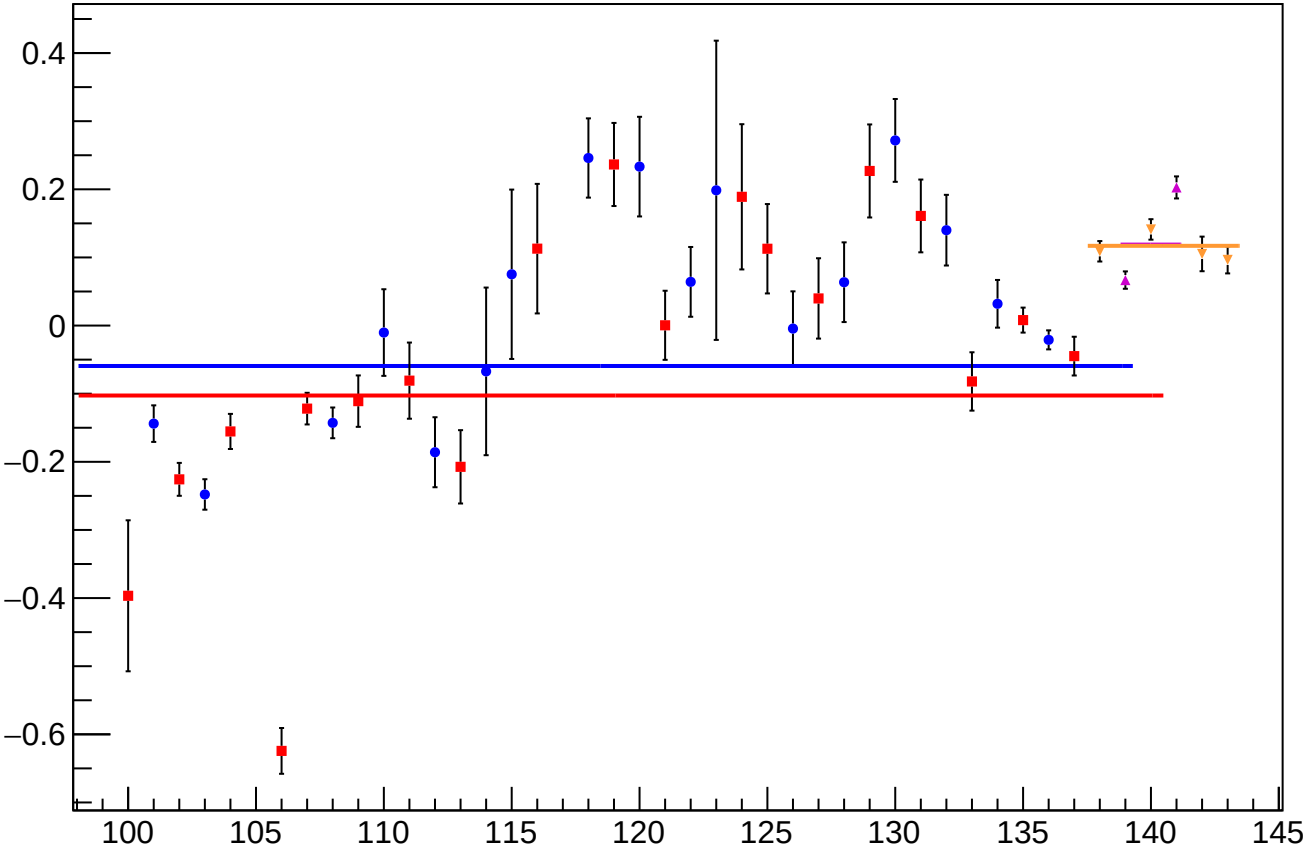
Left In: -6.008+/-0.284 χ^2/NDF:151.7/1

+ sign -6.841+/-0.127 χ^2/NDF: 2298.9/20

All: -6.104+/-0.096 χ^2/NDF: 4583.2/41

- sign -5.114+/-0.148 χ^2/NDF: 2205.7/20

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: 0.117+/-0.009 χ^2/NDF:4.1/3

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

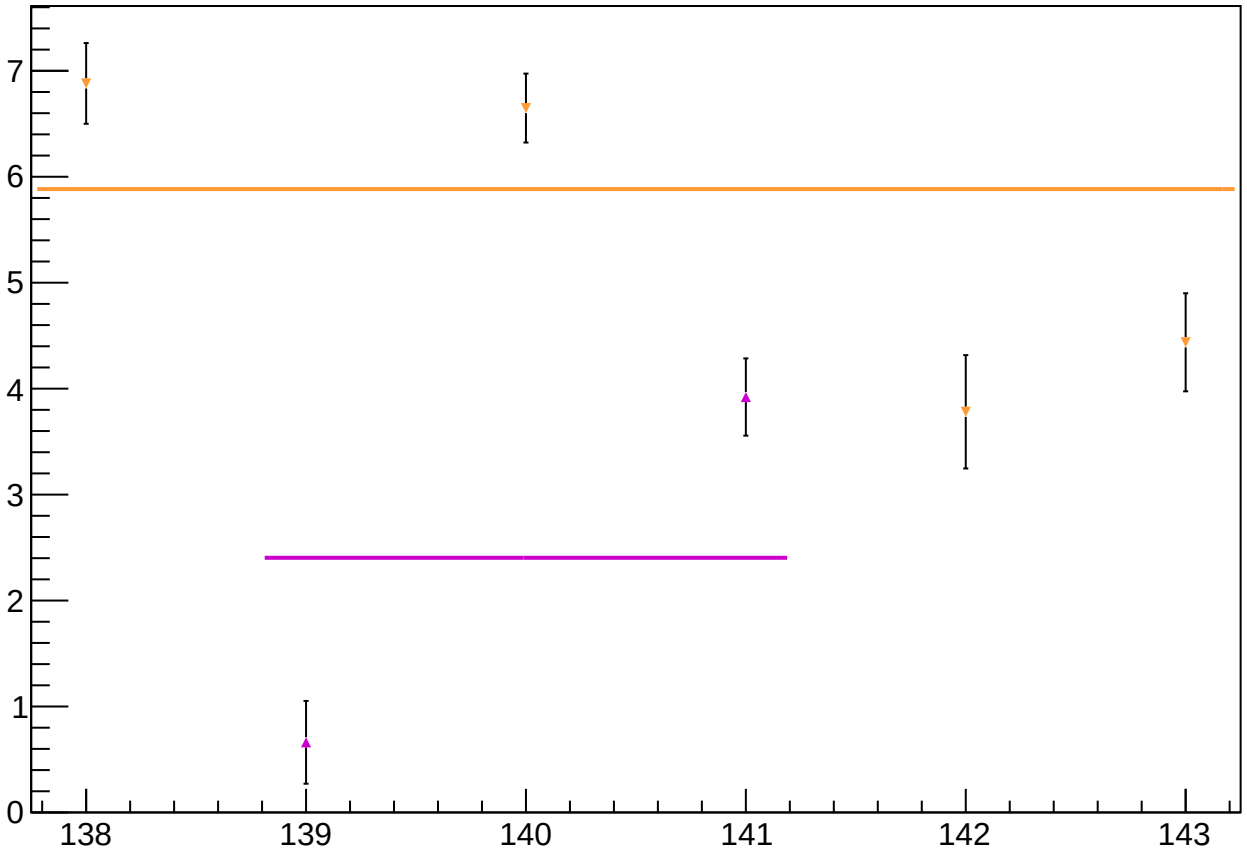
Left In: 0.119+/-0.010 χ^2/NDF:43.5/1

+ sign 0.025+/-0.006 χ^2/NDF: 432.6/20

All: 0.008+/-0.004 χ^2/NDF: 1214.4/41

- sign -0.011+/-0.006 χ^2/NDF: 765.5/20

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: 5.884+/-0.202 χ^2/NDF:37.6/3

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

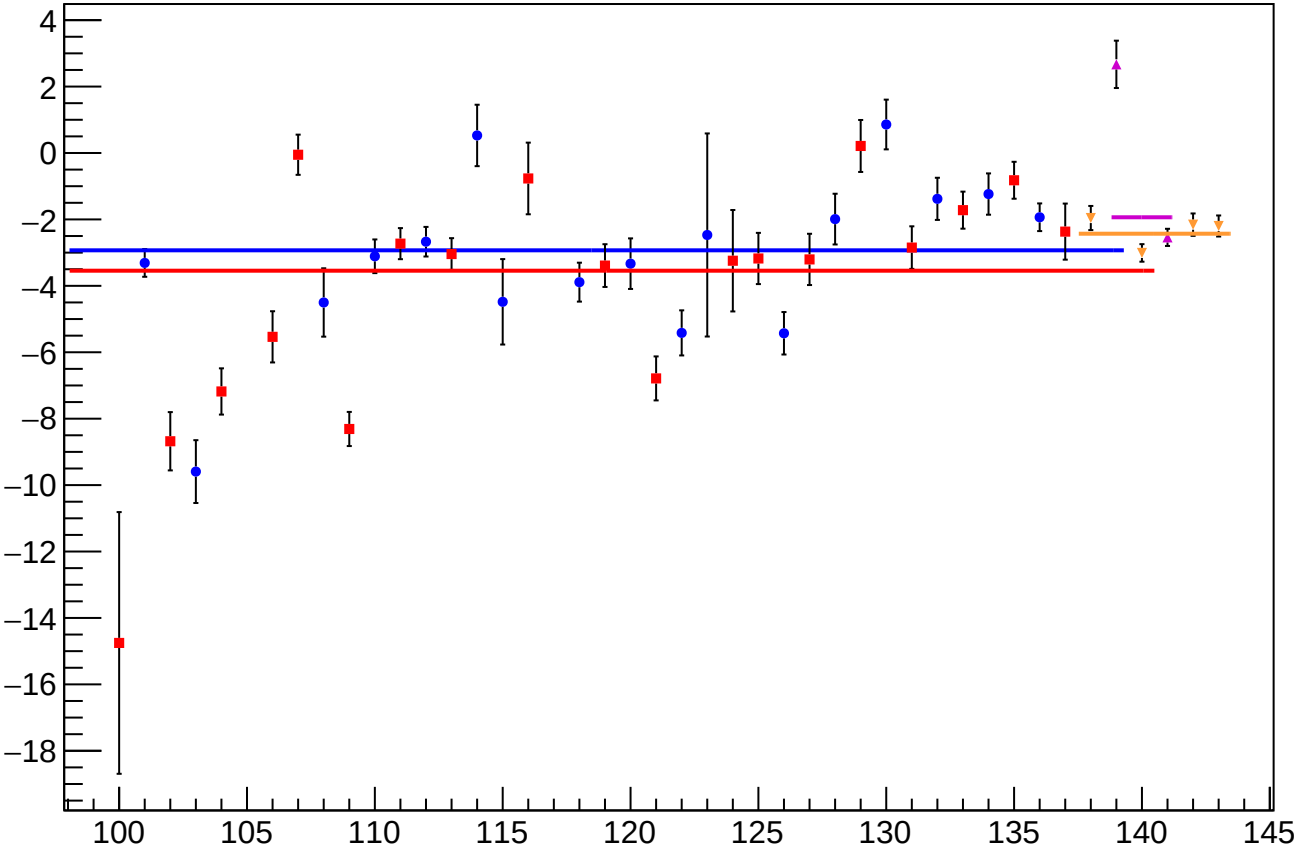
Left In: 2.404+/-0.267 χ^2/NDF:37.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.614+/-0.161 χ^2/NDF: 183.0/5

- 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: -2.431+/-0.157 χ^2/NDF:7.7/3

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

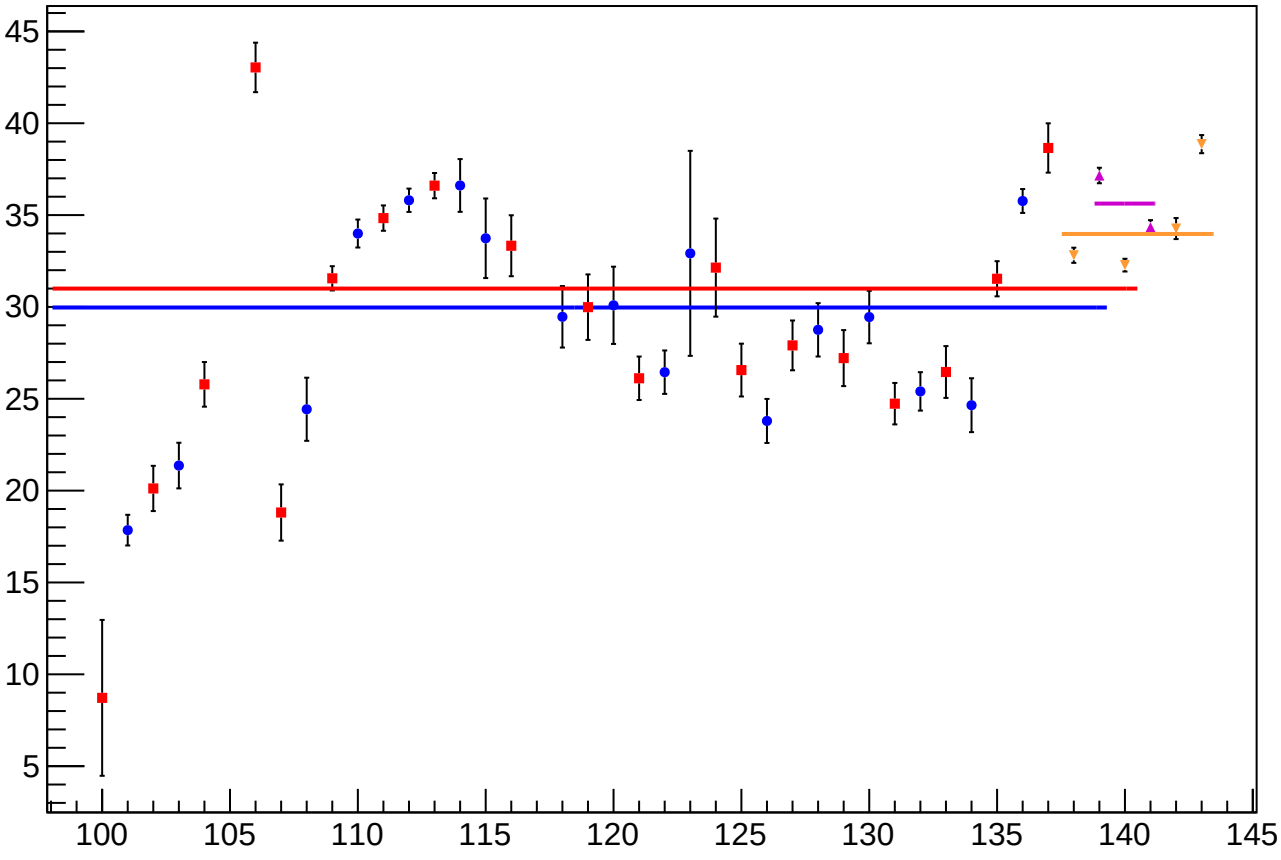
Left In: -1.936+/-0.243 χ^2/NDF:47.2/1

+ sign -2.685+/-0.110 χ^2/NDF: 159.4/20

All: -2.849+/-0.084 χ^2/NDF: 534.8/41

- sign -3.080+/-0.130 χ^2/NDF: 370.1/20

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: 33.972+/-0.216 χ^2/NDF:130.2/3

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

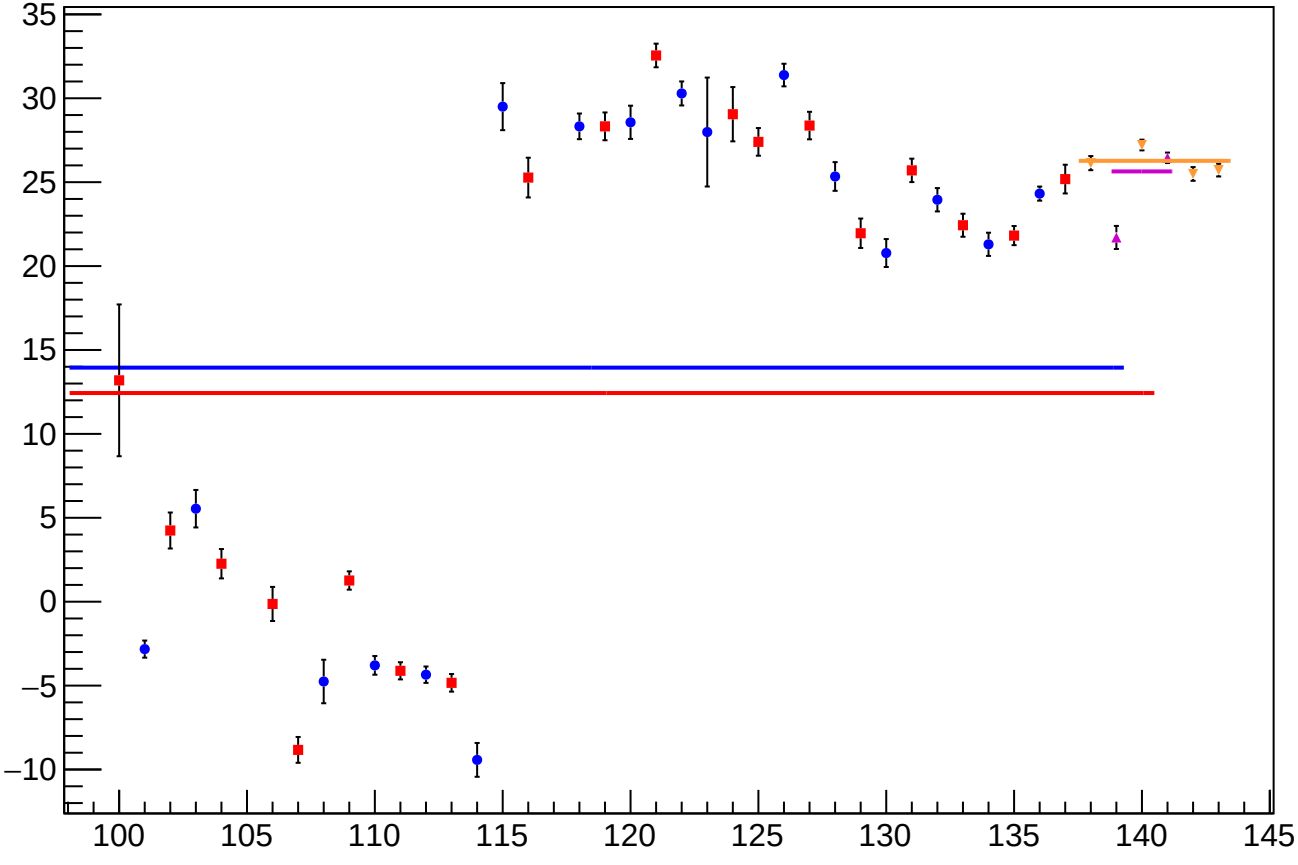
Left In: 35.626+/-0.286 χ^2/NDF:24.1/1

+ sign 32.382+/-0.168 χ^2/NDF: 820.4/20

All: 32.692+/-0.127 χ^2/NDF: 1475.4/41

- sign 33.096+/-0.192 χ^2/NDF: 647.2/20

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: 26.272+/-0.188 χ^2/NDF:14.5/3

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

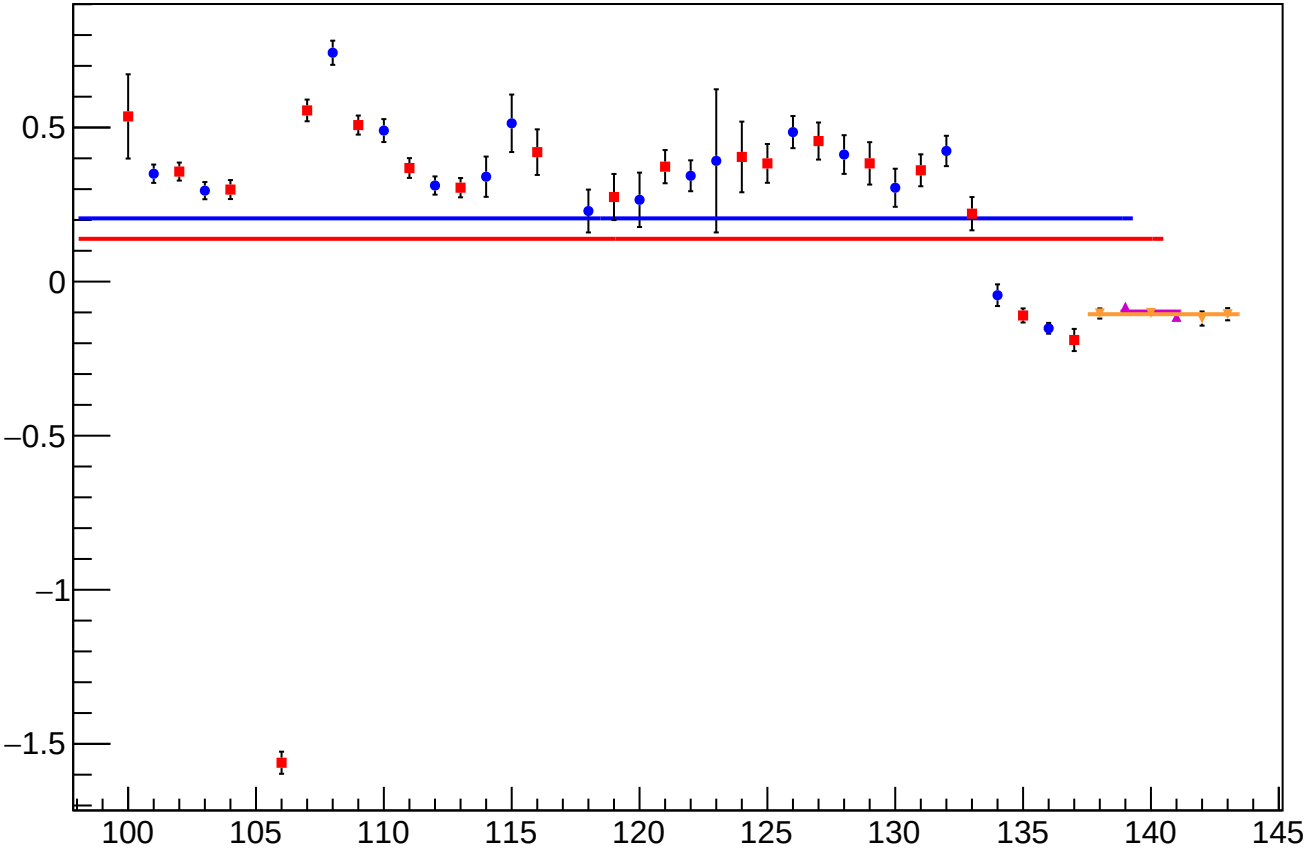
Left In: 25.641+/-0.284 χ^2/NDF:39.6/1

+ sign 19.559+/-0.127 χ^2/NDF: 9745.0/20

All: 18.066+/-0.096 χ^2/NDF: 18648.7/41

- sign 16.030+/-0.148 χ^2/NDF: 8576.4/20

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: -0.106+/-0.009 χ^2/NDF:0.5/3

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

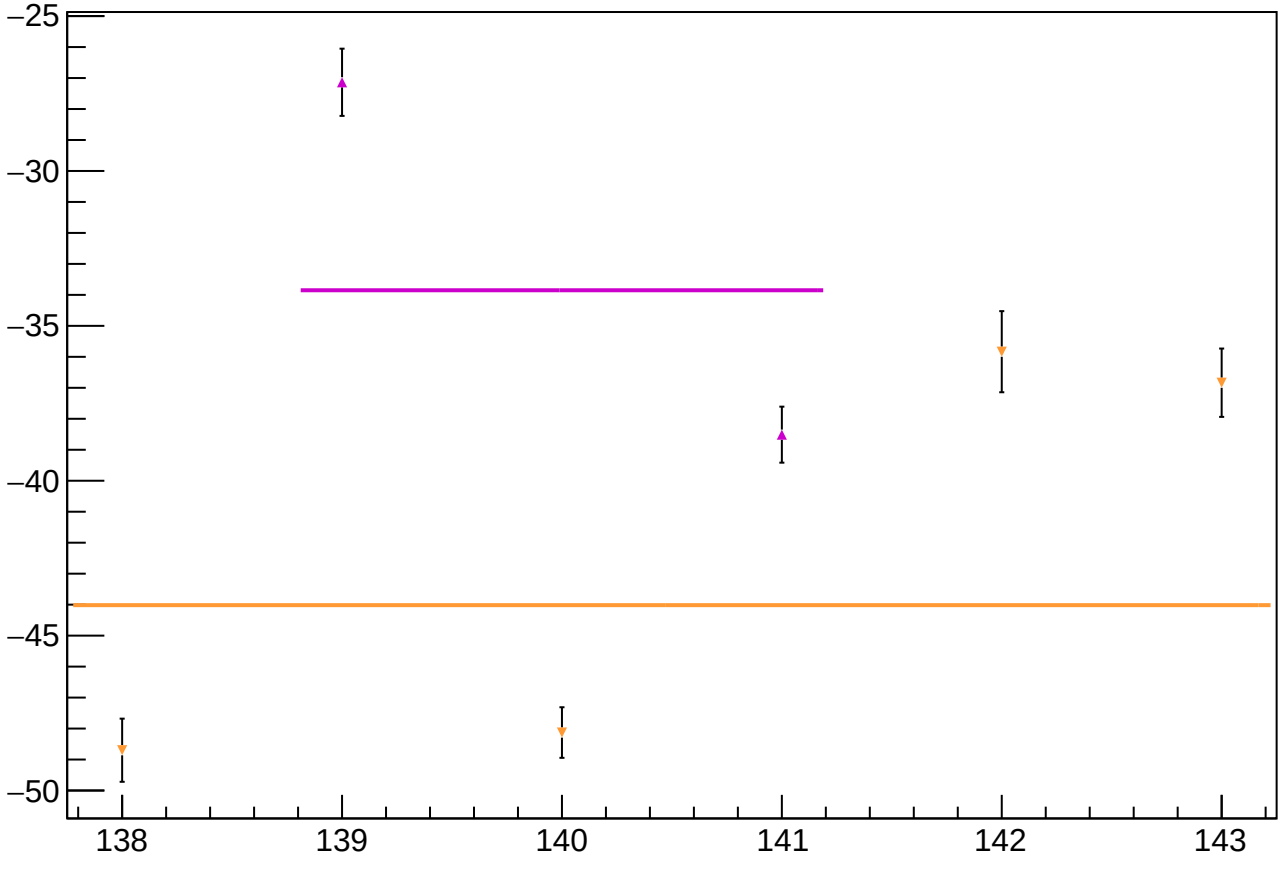
Left In: -0.097+/-0.011 χ^2/NDF:2.3/1

+ sign 0.042+/-0.006 χ^2/NDF: 1424.2/20

All: 0.041+/-0.005 χ^2/NDF: 4718.9/41

- sign 0.040+/-0.007 χ^2/NDF: 3294.6/20

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: -44.016+/-0.508 χ^2/NDF:127.9/3

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

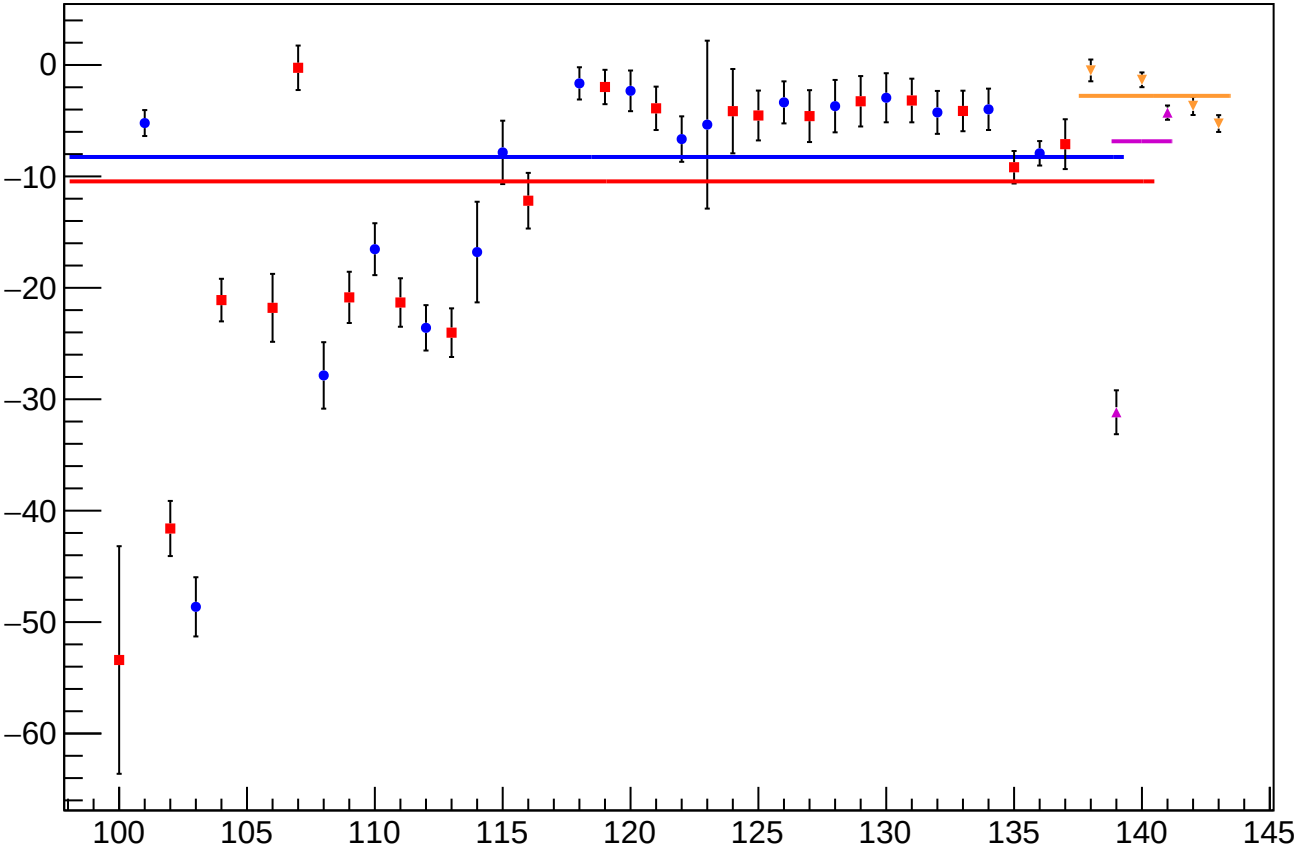
Left In: -33.851+/-0.695 χ^2/NDF:64.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -40.469+/-0.410 χ^2/NDF: 332.3/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257+/-0.462 χ^2/NDF: 412.1/16

Left Out: -2.770+/-0.390 χ^2/NDF:22.2/3

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

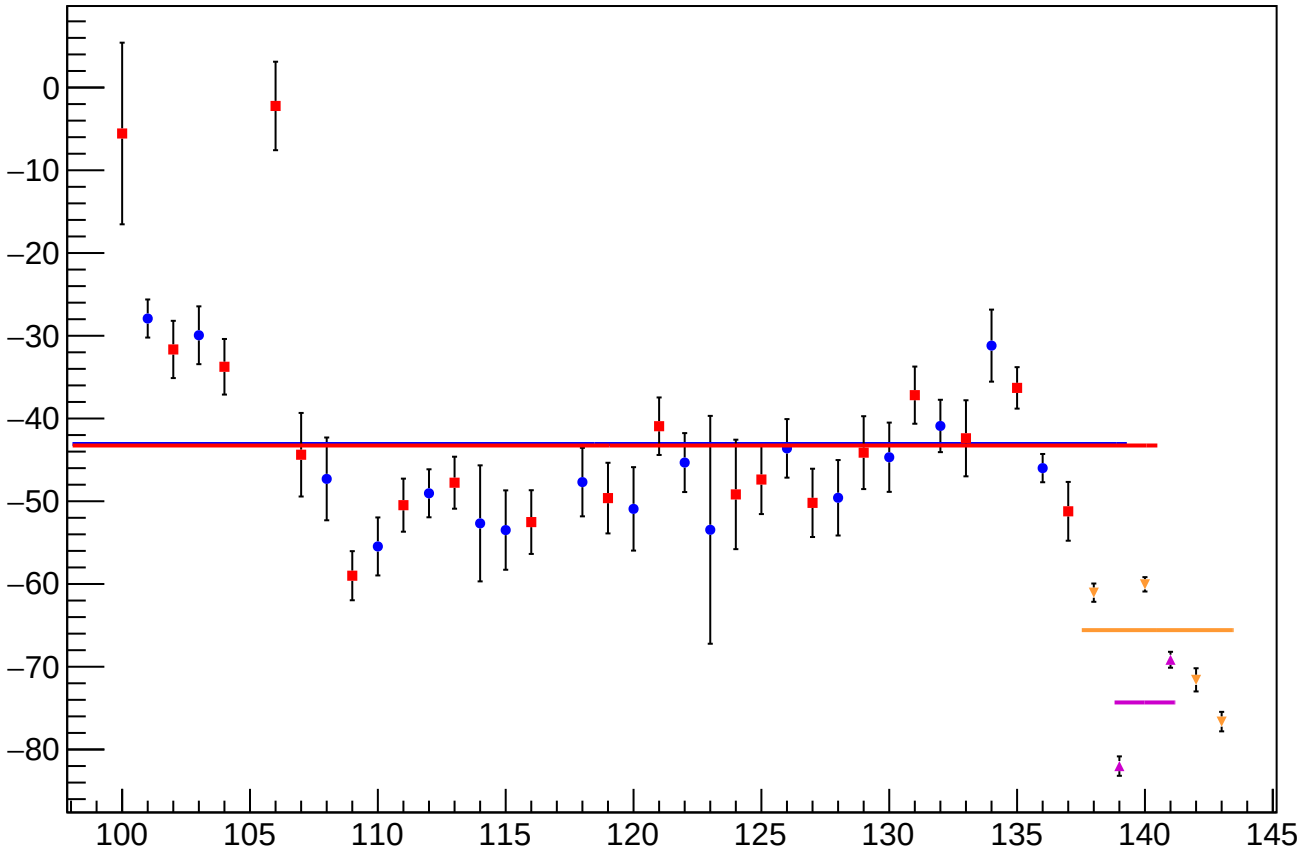
Left In: -6.847+/-0.609 χ^2/NDF:168.4/1

+ sign -5.055+/-0.298 χ^2/NDF: 516.6/20

All: -6.558+/-0.235 χ^2/NDF: 1201.7/41

- sign -9.028+/-0.382 χ^2/NDF: 618.0/20

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: -65.576+/-0.544 χ^2/NDF:164.0/3

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

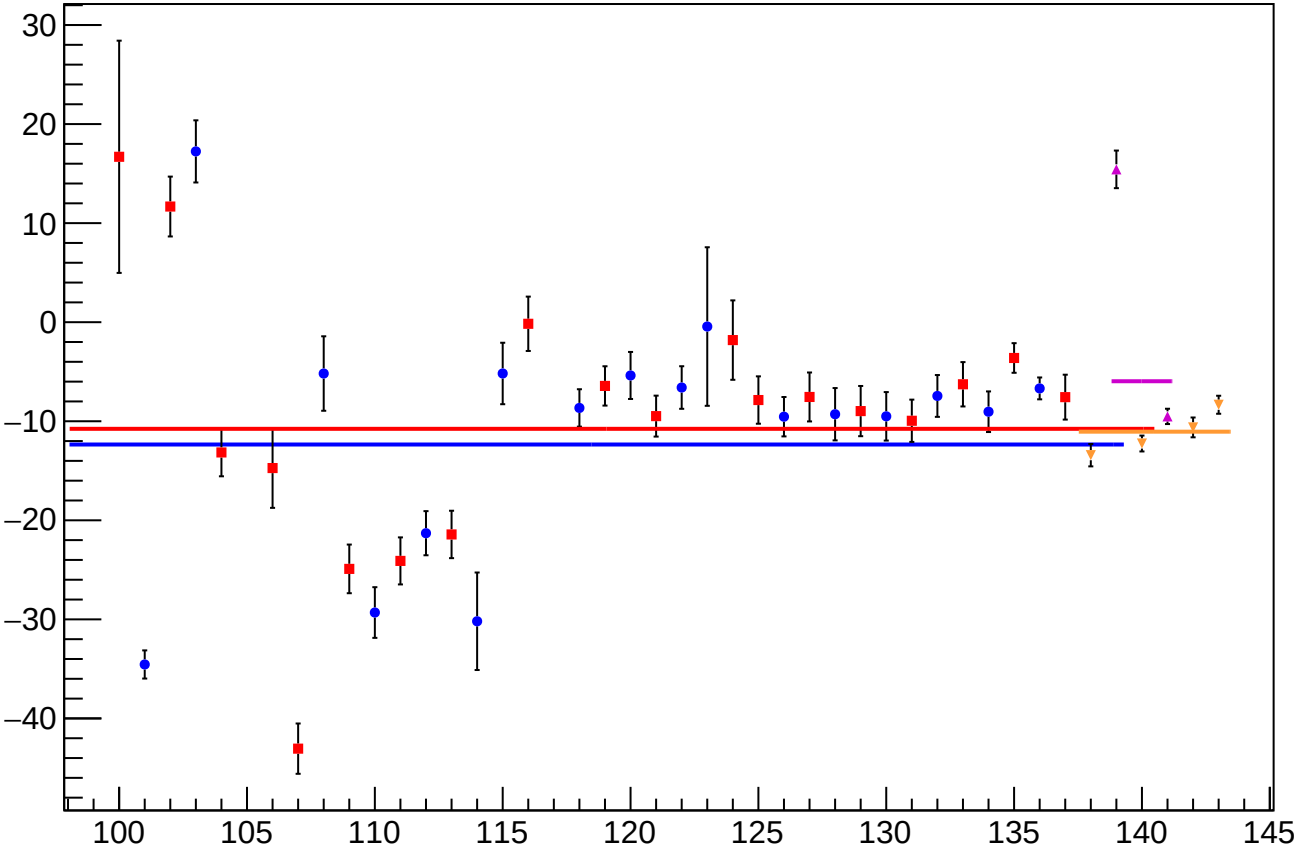
Left In: -74.317+/-0.744 χ^2/NDF:71.8/1

+ sign -58.859+/-0.456 χ^2/NDF: 773.1/20

All: -59.761+/-0.355 χ^2/NDF: 1748.7/41

- sign -61.144+/-0.564 χ^2/NDF: 965.7/20

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348+/-0.520 χ^2/NDF: 475.9/16

Left Out: -11.052+/-0.469 χ^2/NDF:15.7/3

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

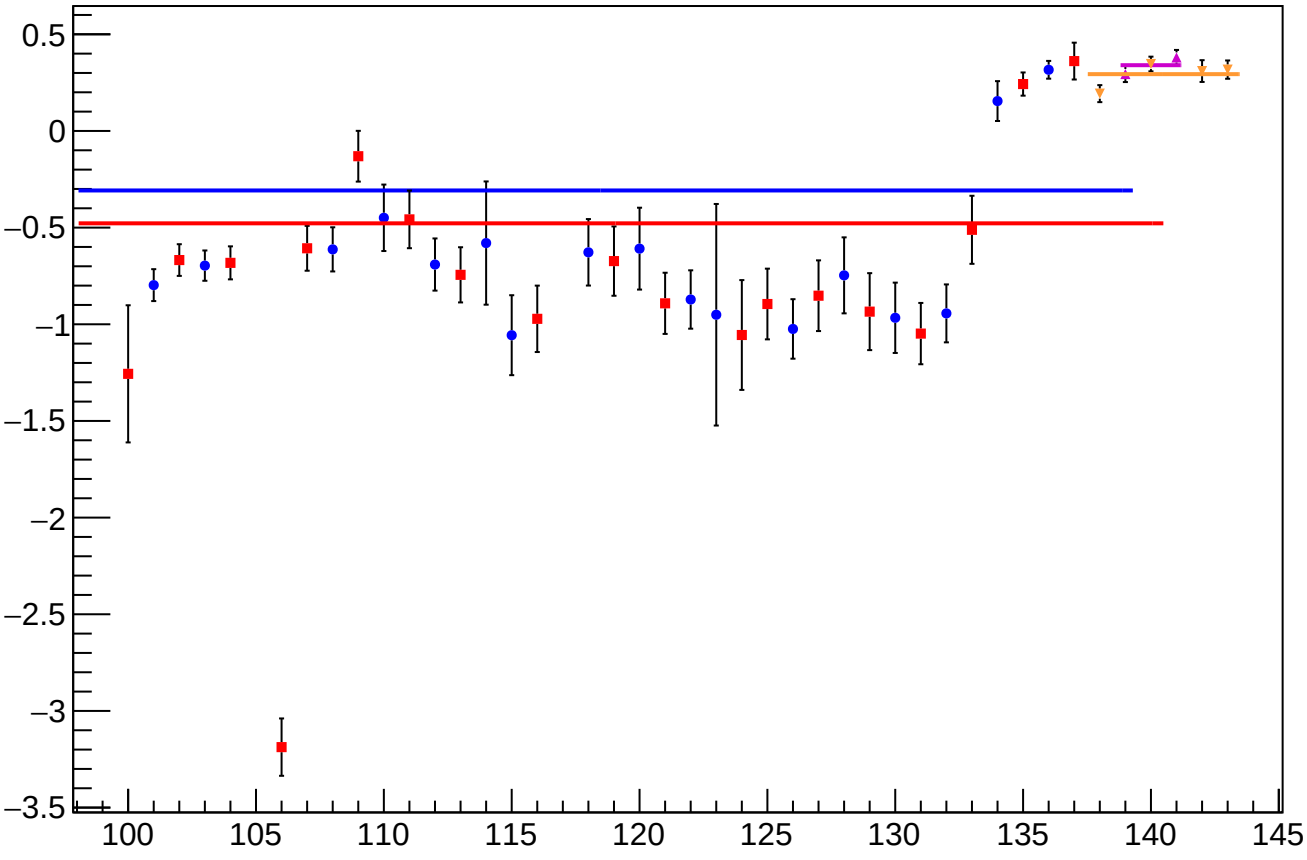
Left In: -5.961+/-0.716 χ^2/NDF:148.1/1

+ sign -11.634+/-0.348 χ^2/NDF: 495.1/20

All: -10.601+/-0.273 χ^2/NDF: 1060.7/41

- sign -8.968+/-0.438 χ^2/NDF: 542.9/20

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: 0.294+/-0.023 χ^2/NDF:7.5/3

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

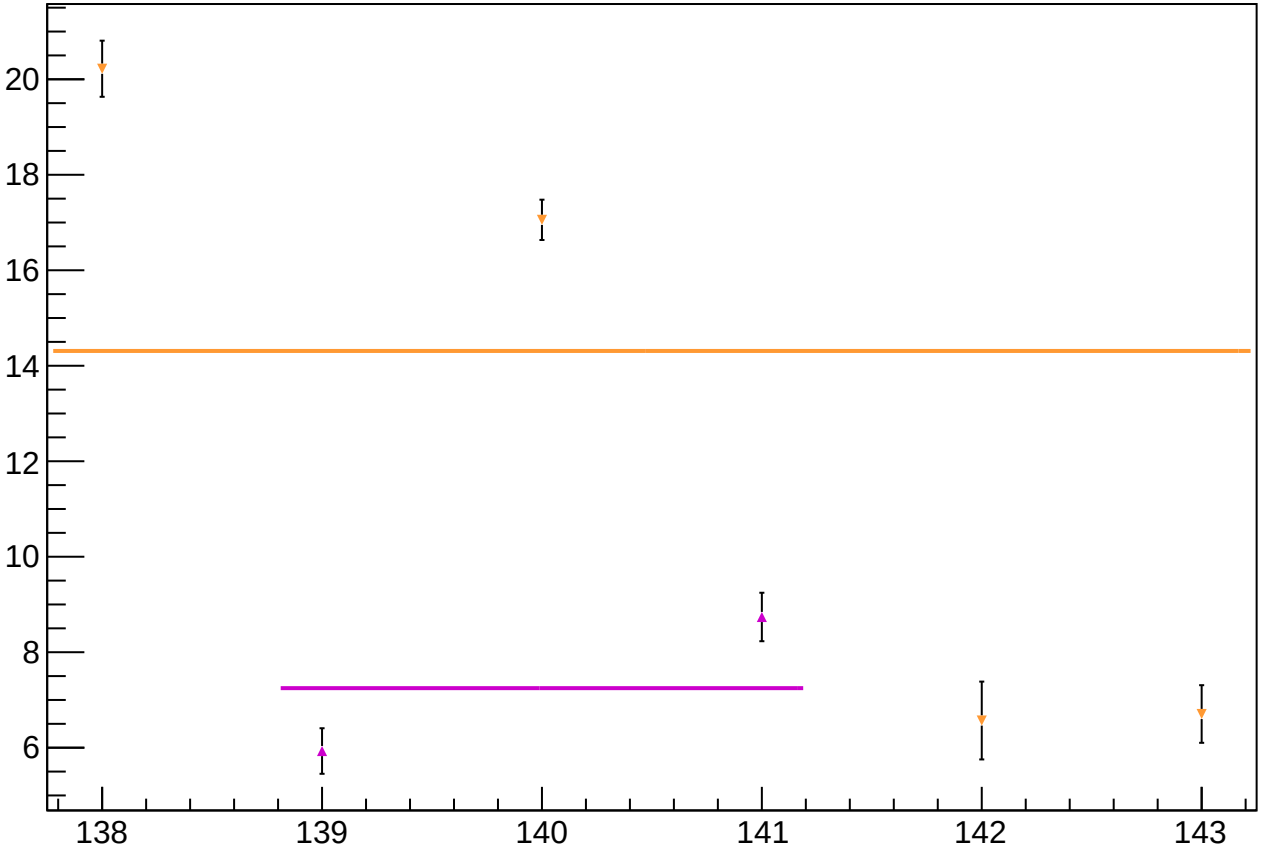
Left In: 0.340+/-0.028 χ^2/NDF:2.3/1

+ sign 0.053+/-0.017 χ^2/NDF: 666.4/20

All: 0.001+/-0.013 χ^2/NDF: 1733.0/41

- sign -0.067+/-0.020 χ^2/NDF: 1046.5/20

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: 14.310+/-0.280 χ^2/NDF:392.4/3

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

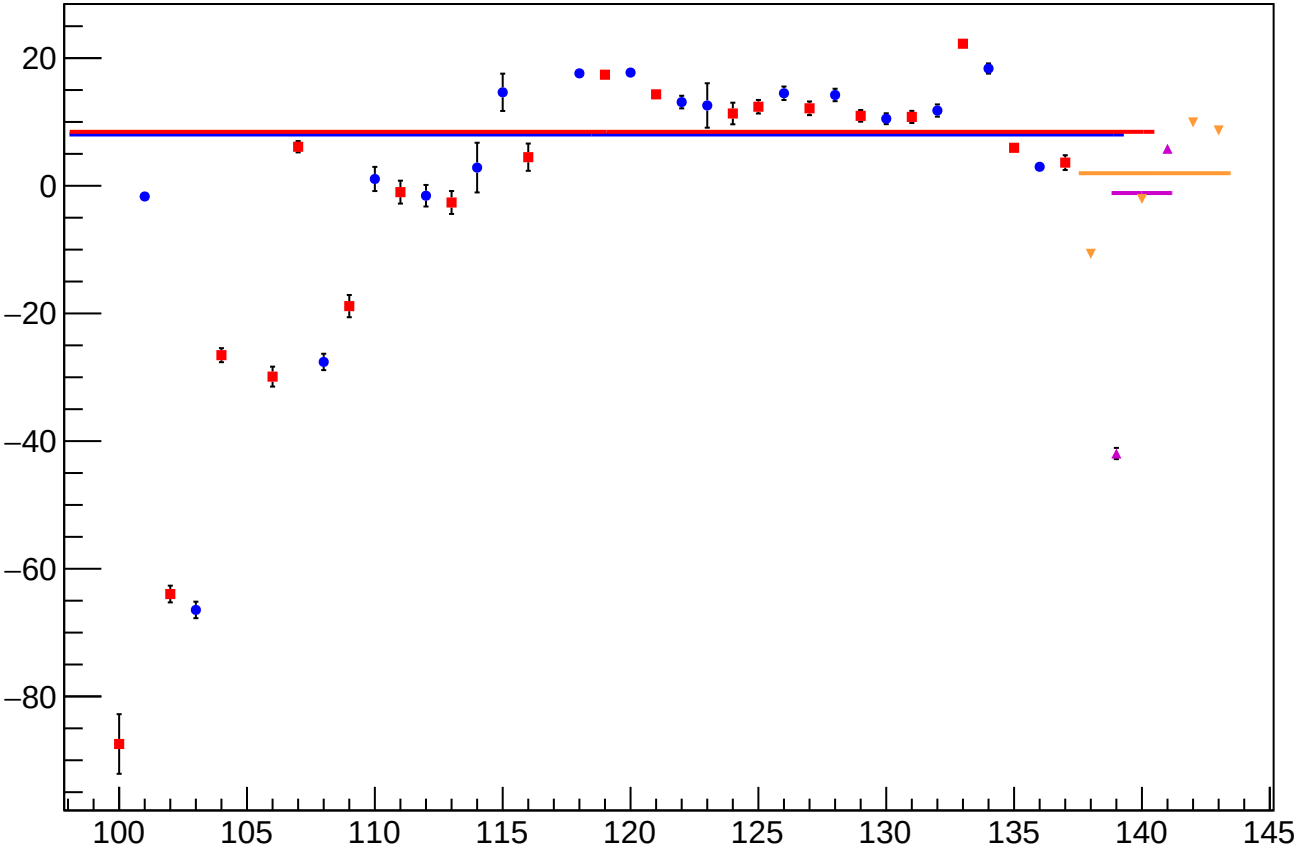
Left In: 7.247+/-0.348 χ^2/NDF:16.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 11.531+/-0.218 χ^2/NDF: 659.0/5

- 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: 1.970+/-0.221 χ^2/NDF:1077.2/3

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

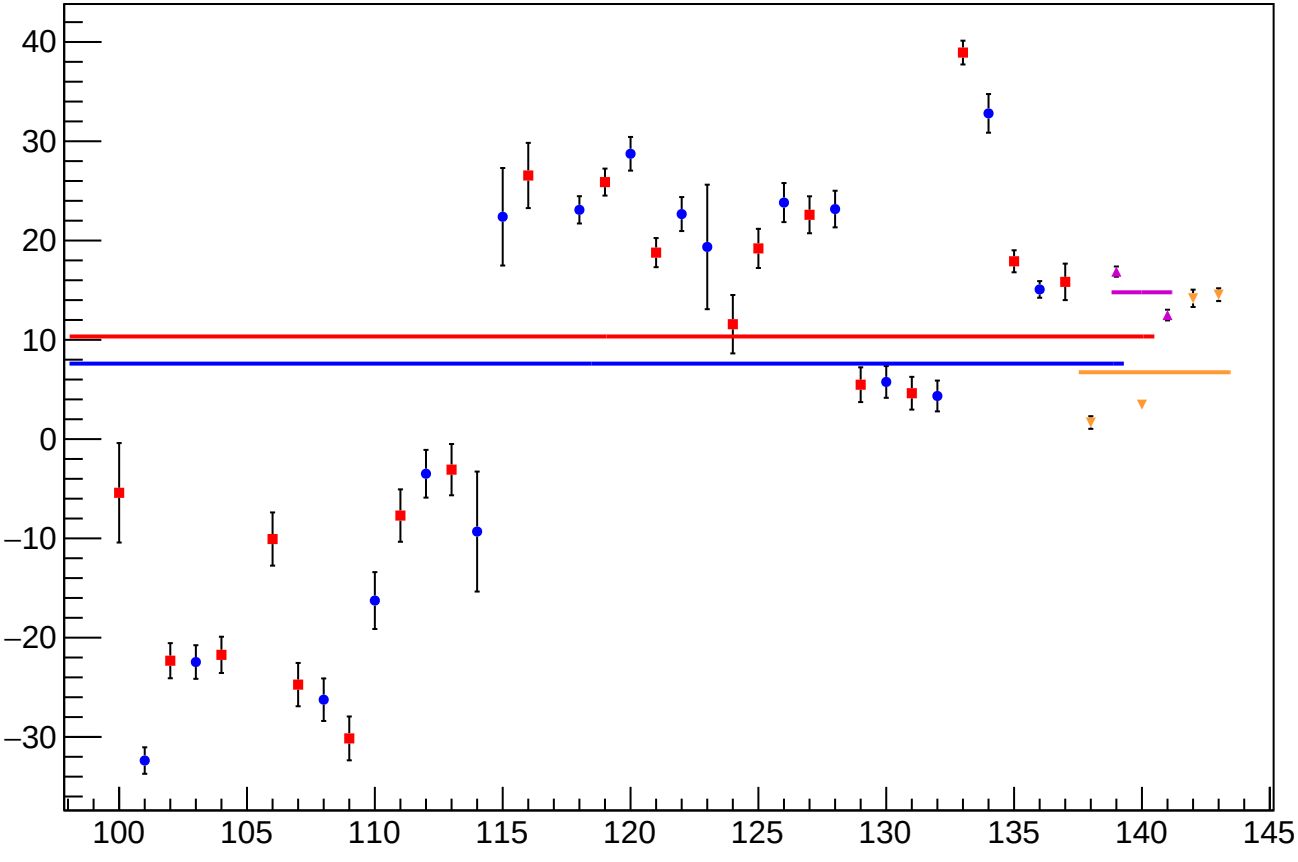
Left In: -1.136+/-0.335 χ^2/NDF:2518.6/1

+ sign 5.081+/-0.154 χ^2/NDF: 6833.9/20

All: 5.338+/-0.117 χ^2/NDF: 16645.8/41

- sign 5.690+/-0.180 χ^2/NDF: 9805.3/20

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: 6.734+/-0.300 χ^2/NDF:335.8/3

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

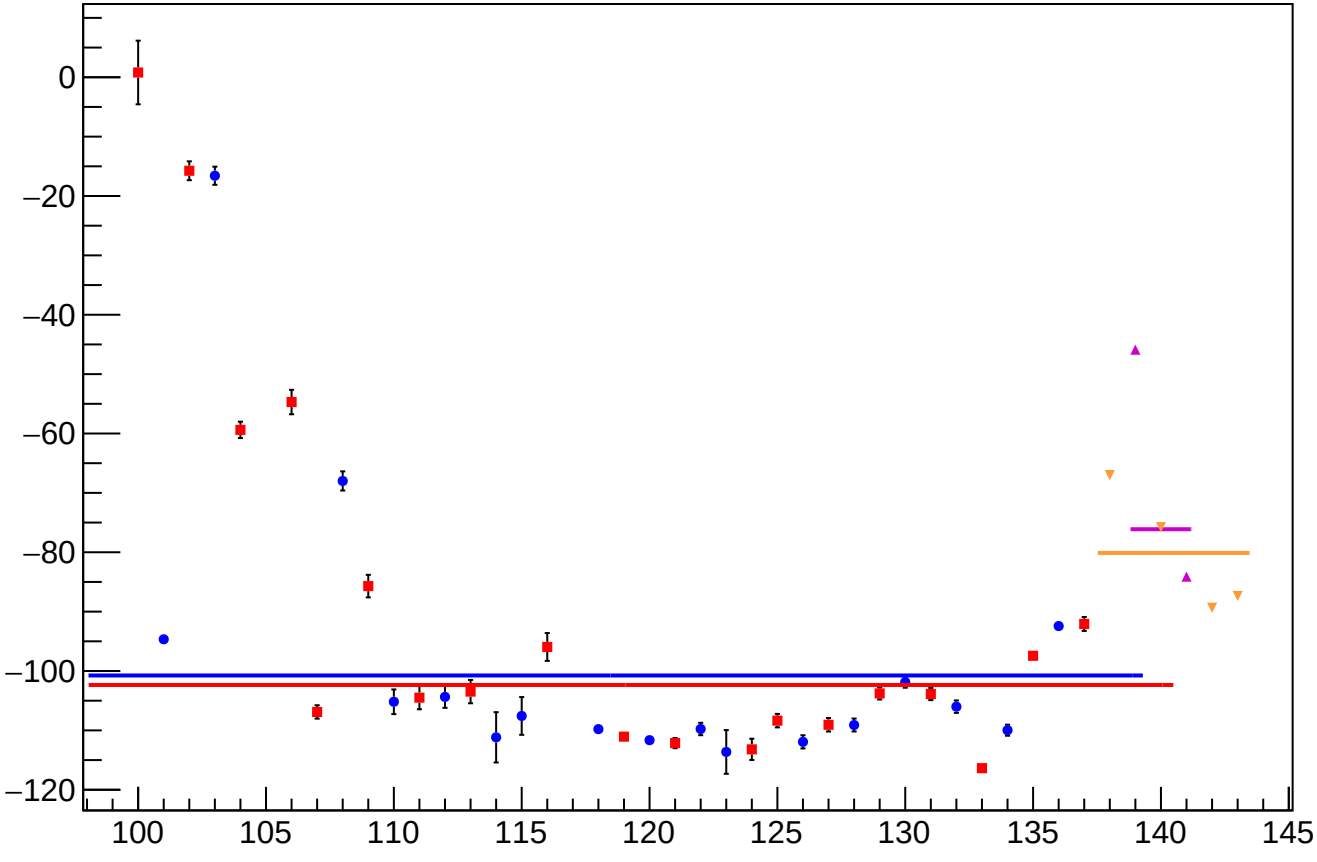
Left In: 14.787+/-0.372 χ^2/NDF:34.4/1

+ sign 7.031+/-0.243 χ^2/NDF: 2663.7/20

All: 9.540+/-0.183 χ^2/NDF: 5288.5/41

- sign 12.810+/-0.278 χ^2/NDF: 2379.7/20

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: -80.110+/-0.264 χ^2/NDF:906.4/3

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

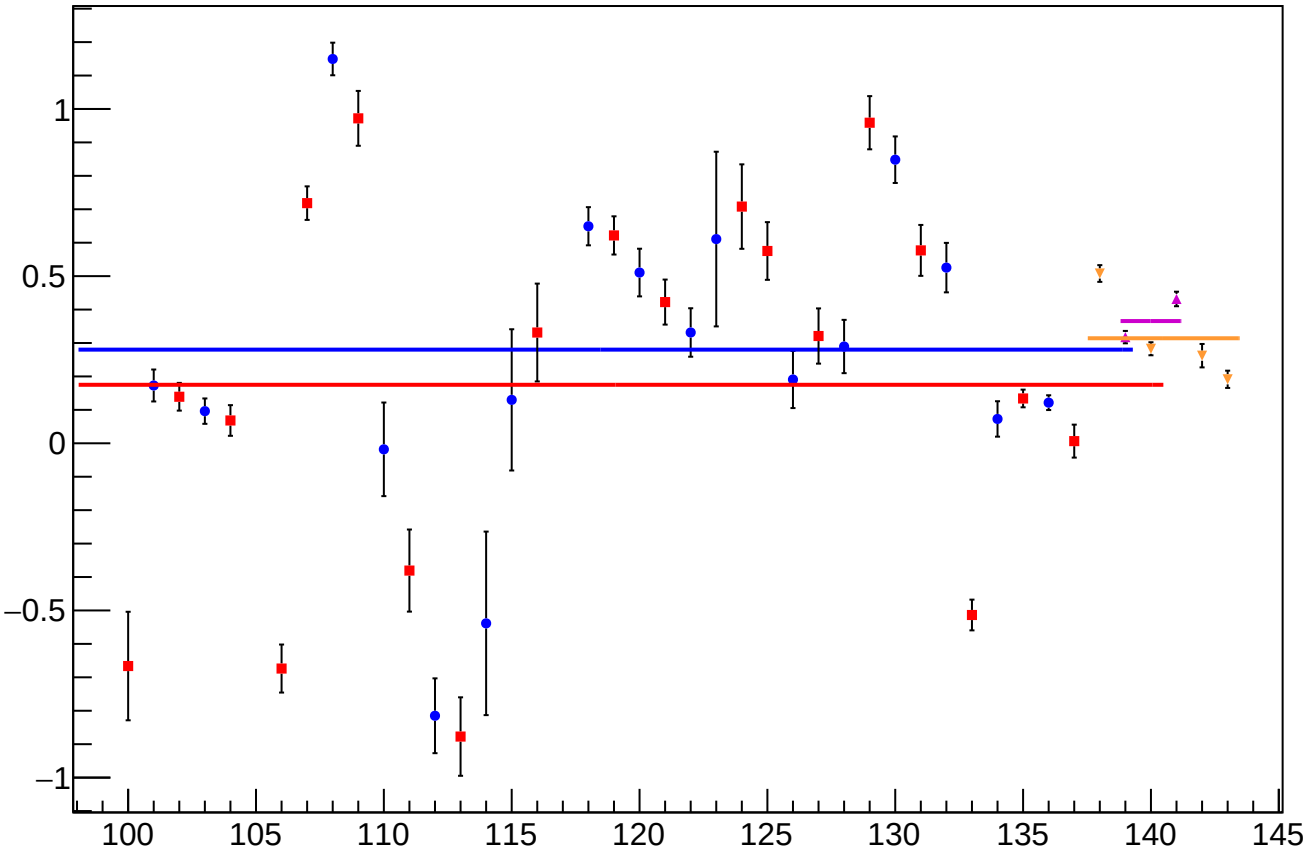
Left In: -76.121+/-0.388 χ^2/NDF:1605.5/1

+ sign -91.071+/-0.181 χ^2/NDF: 8678.3/20

All: -92.684+/-0.136 χ^2/NDF: 19808.7/41

- sign -94.817+/-0.208 χ^2/NDF: 10945.5/20

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: 0.314+/-0.012 χ^2/NDF:87.4/3

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

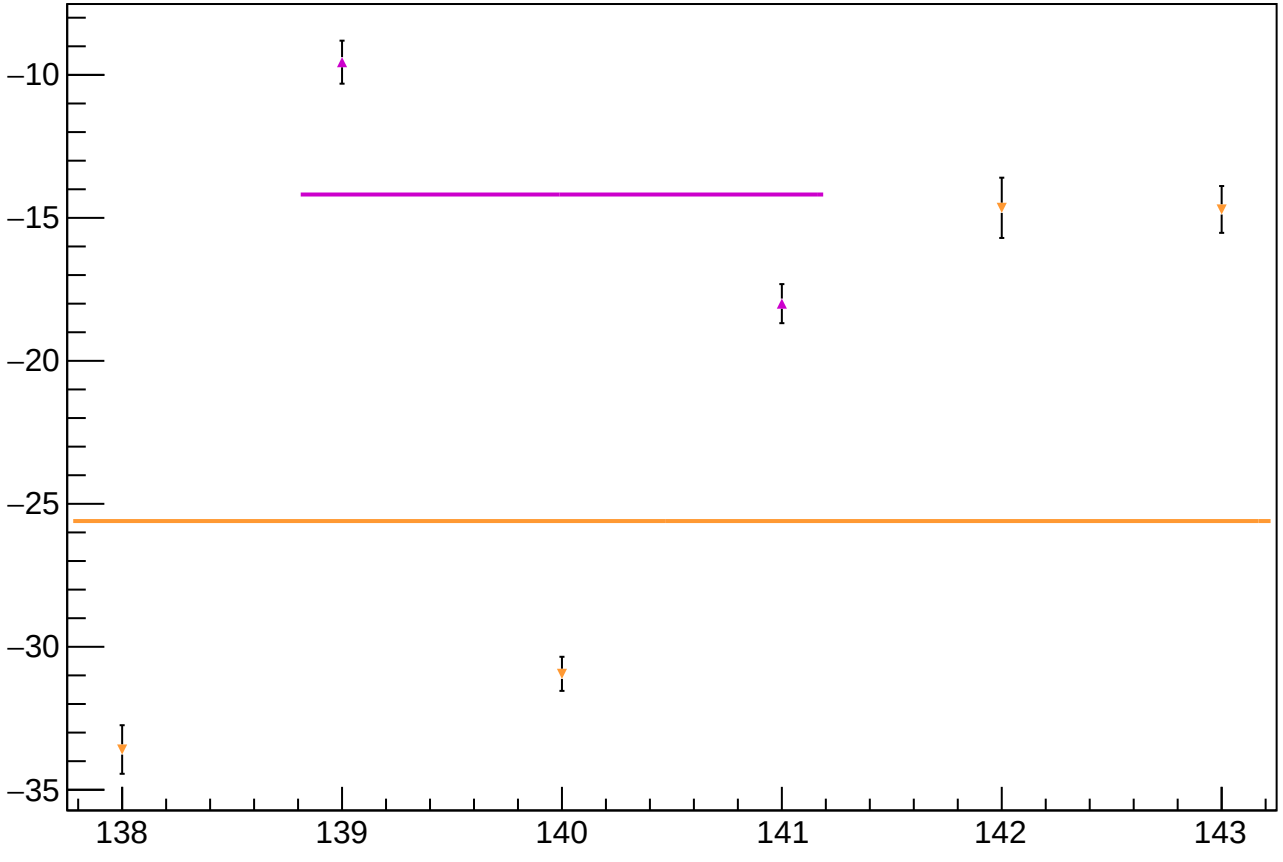
Left In: 0.366+/-0.014 χ^2/NDF:15.9/1

+ sign 0.299+/-0.009 χ^2/NDF: 746.8/20

All: 0.283+/-0.007 χ^2/NDF: 1831.2/41

- sign 0.266+/-0.010 χ^2/NDF: 1078.3/20

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -25.602+/-0.389 χ^2/NDF:453.9/3

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

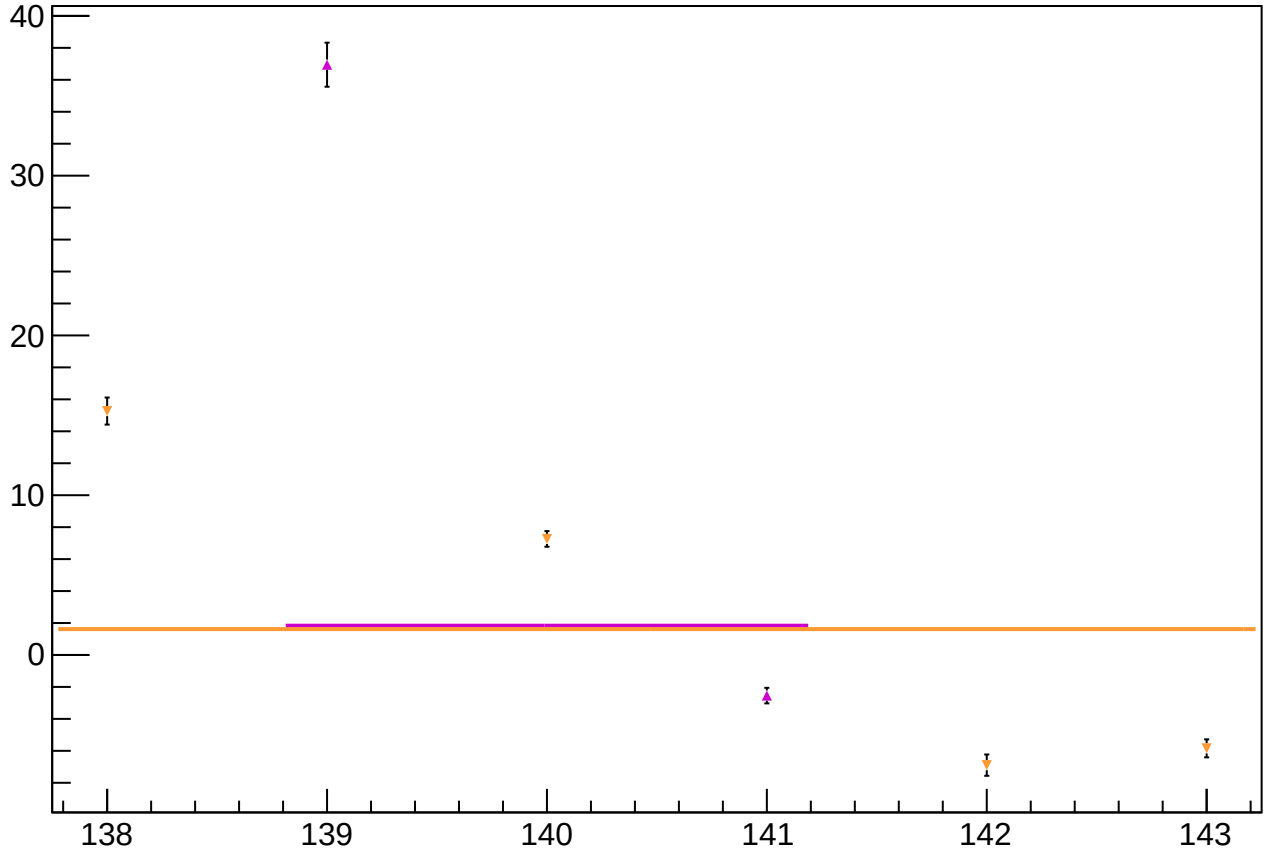
Left In: -14.183+/-0.506 χ^2/NDF:69.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.350+/-0.309 χ^2/NDF: 843.1/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 1.620+/-0.302 χ^2/NDF:731.4/3

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

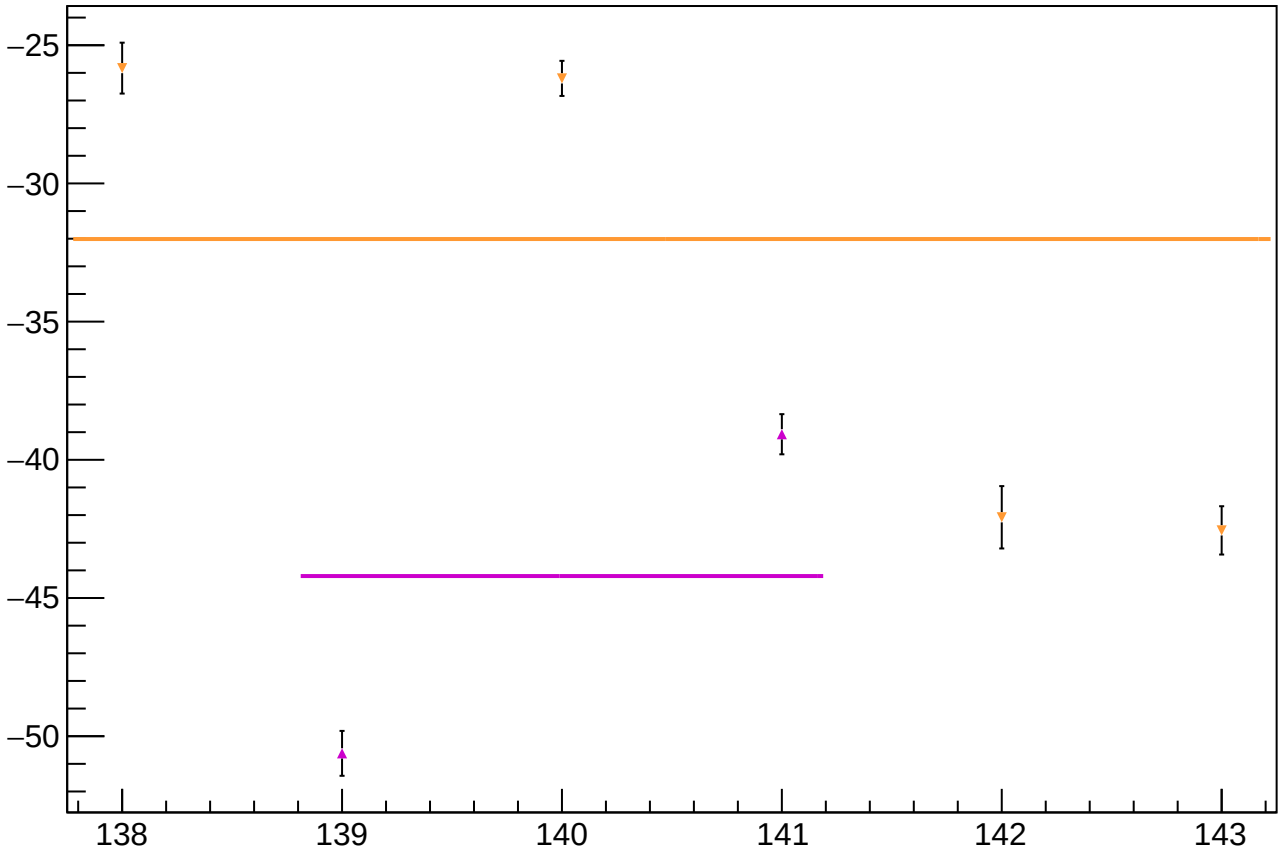
Left In: 1.832+/-0.459 χ^2/NDF:729.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.684+/-0.252 χ^2/NDF: 1460.6/5

- 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: -32.012+/-0.417 χ^2/NDF:354.0/3

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

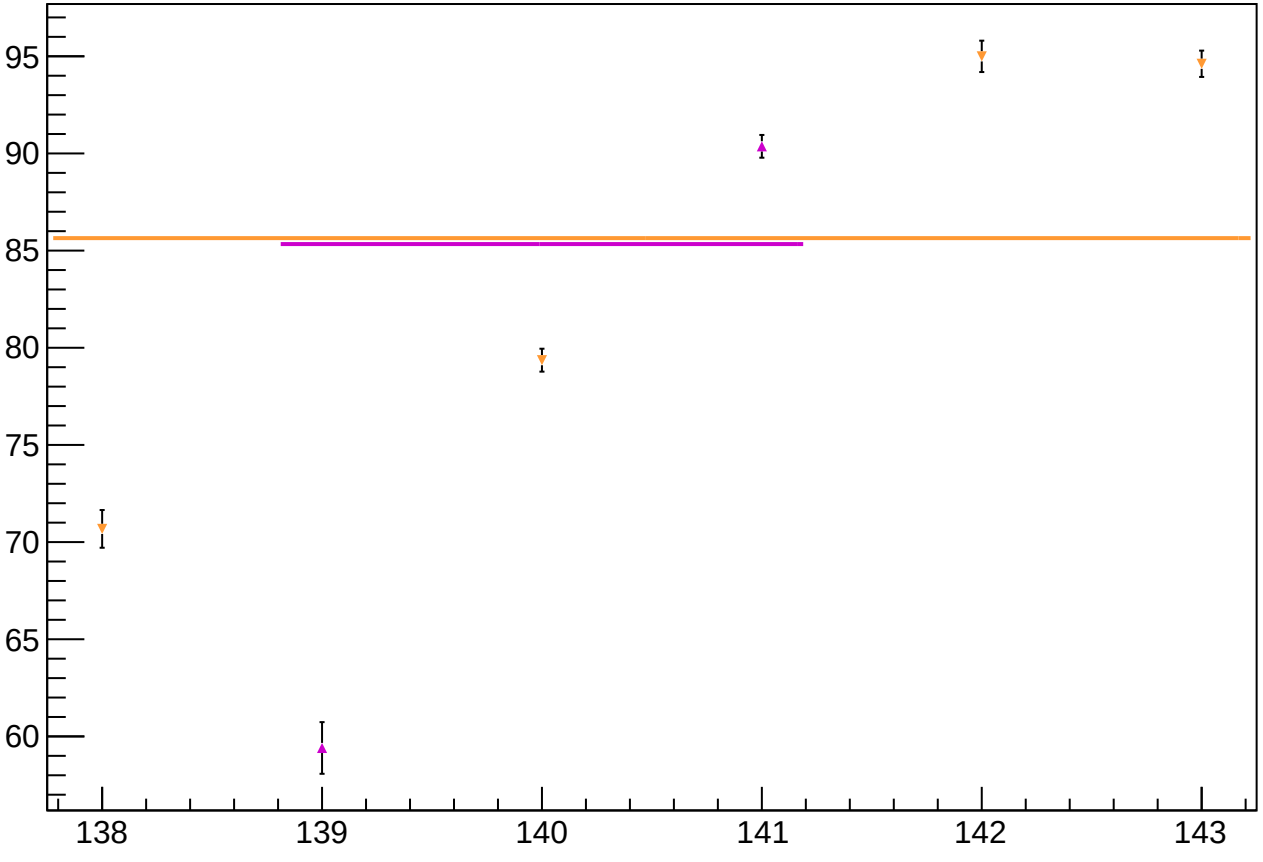
Left In: -44.206+/-0.541 χ^2/NDF:112.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -36.550+/-0.330 χ^2/NDF: 784.7/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 85.642+/-0.361 χ^2/NDF:660.9/3

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

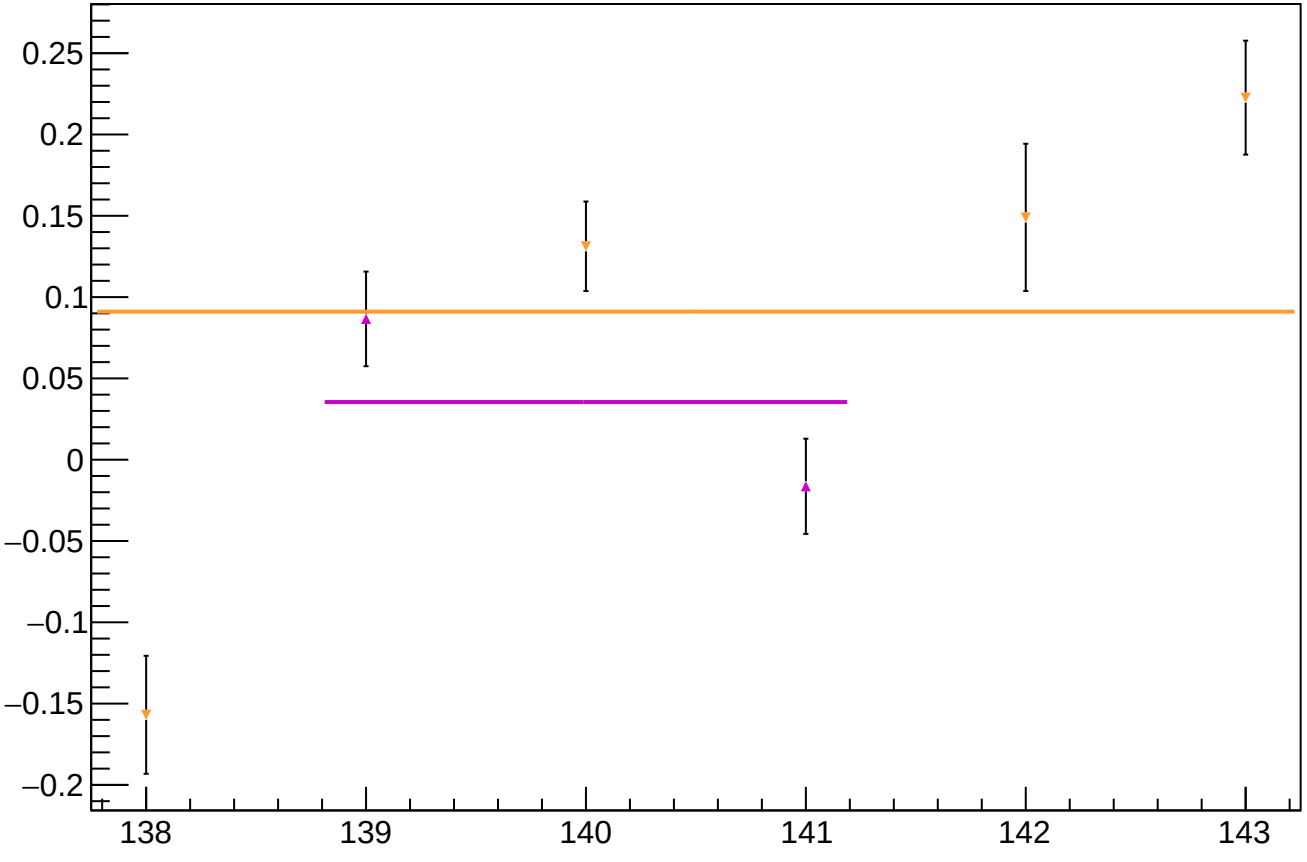
Left In: 85.336+/-0.536 χ^2/NDF:454.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 85.547+/-0.300 χ^2/NDF: 1115.2/5

- 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: 0.091+/-0.017 χ^2/NDF:64.6/3

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

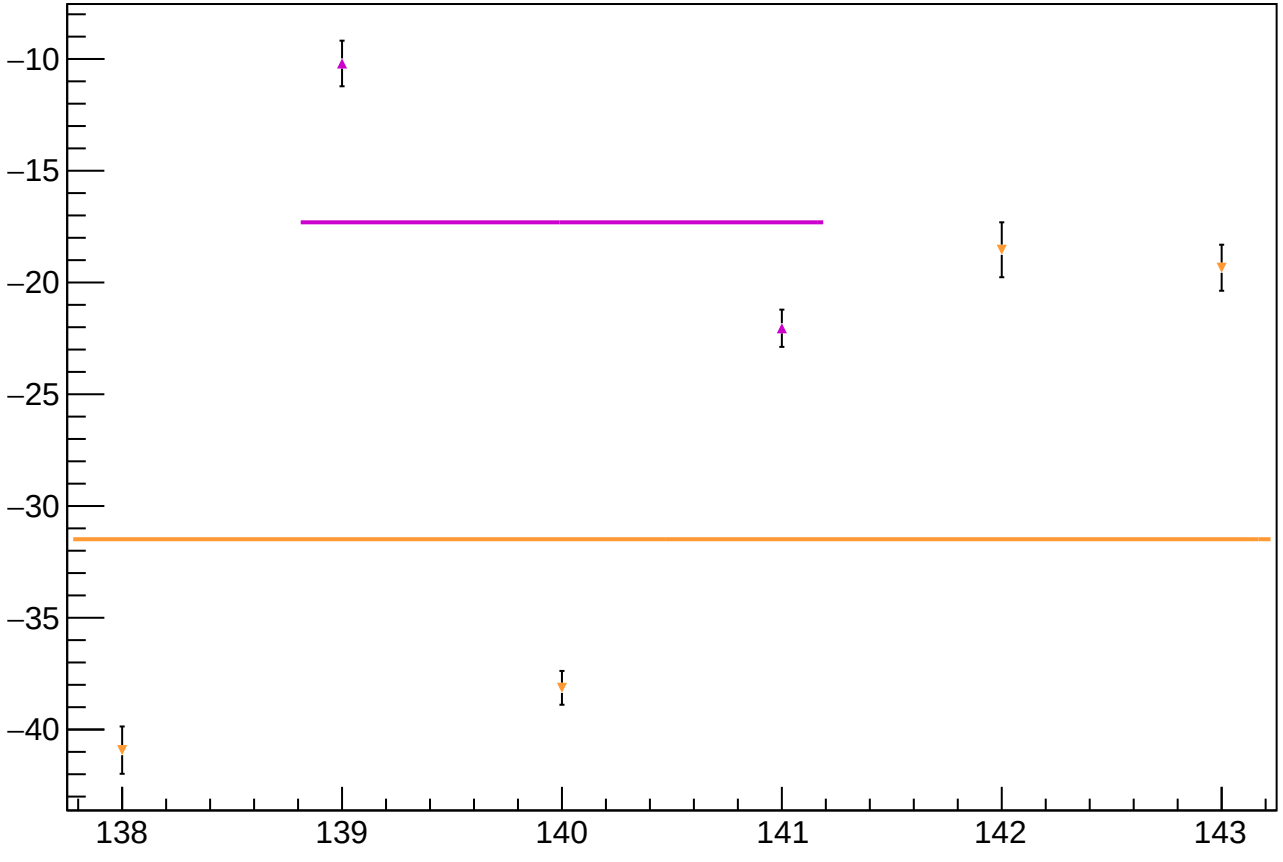
Left In: 0.035+/-0.021 χ^2/NDF:6.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.068+/-0.013 χ^2/NDF: 75.1/5

- 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: -31.486+/-0.485 χ^2/NDF:406.8/3

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

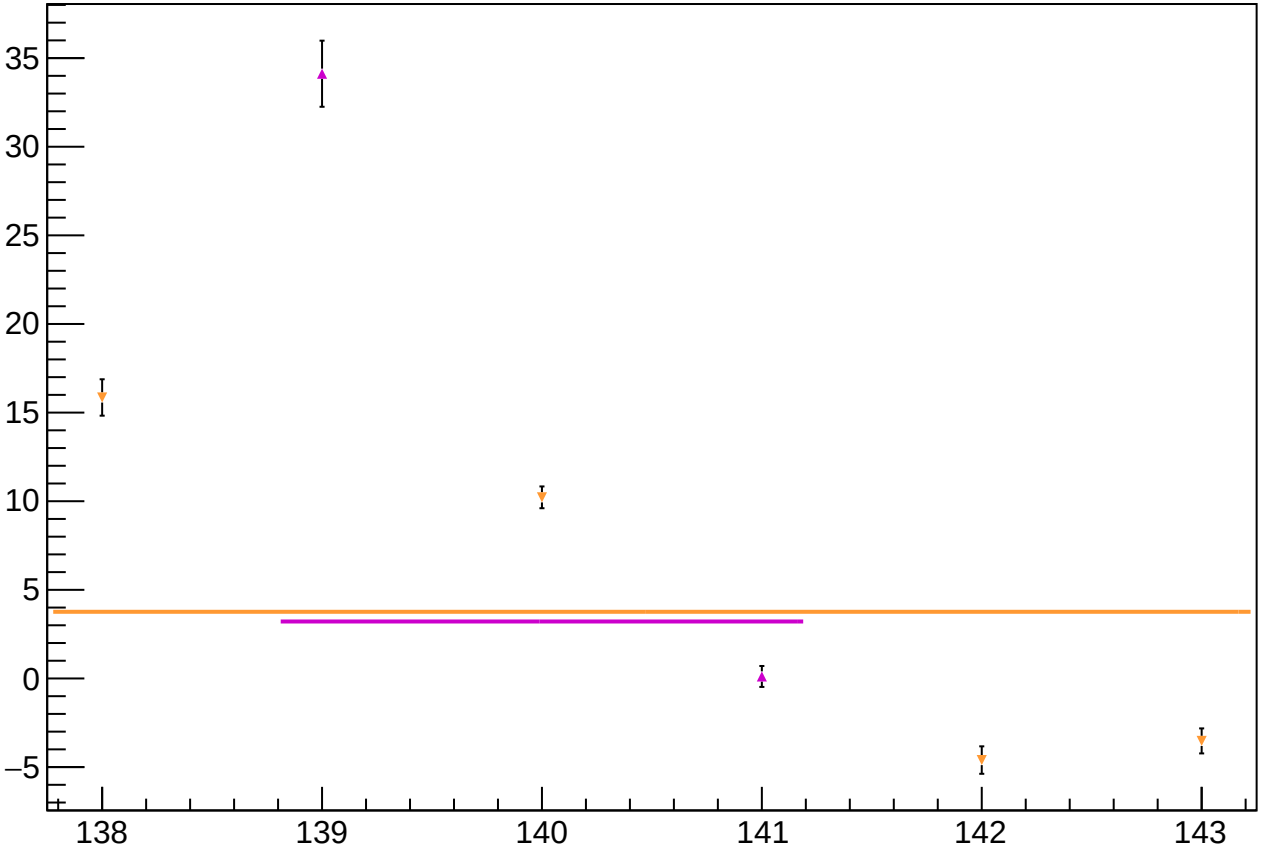
Left In: -17.308+/-0.645 χ^2/NDF:80.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -26.361+/-0.388 χ^2/NDF: 796.0/5

- 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: 3.762+/-0.371 χ^2/NDF:472.2/3

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

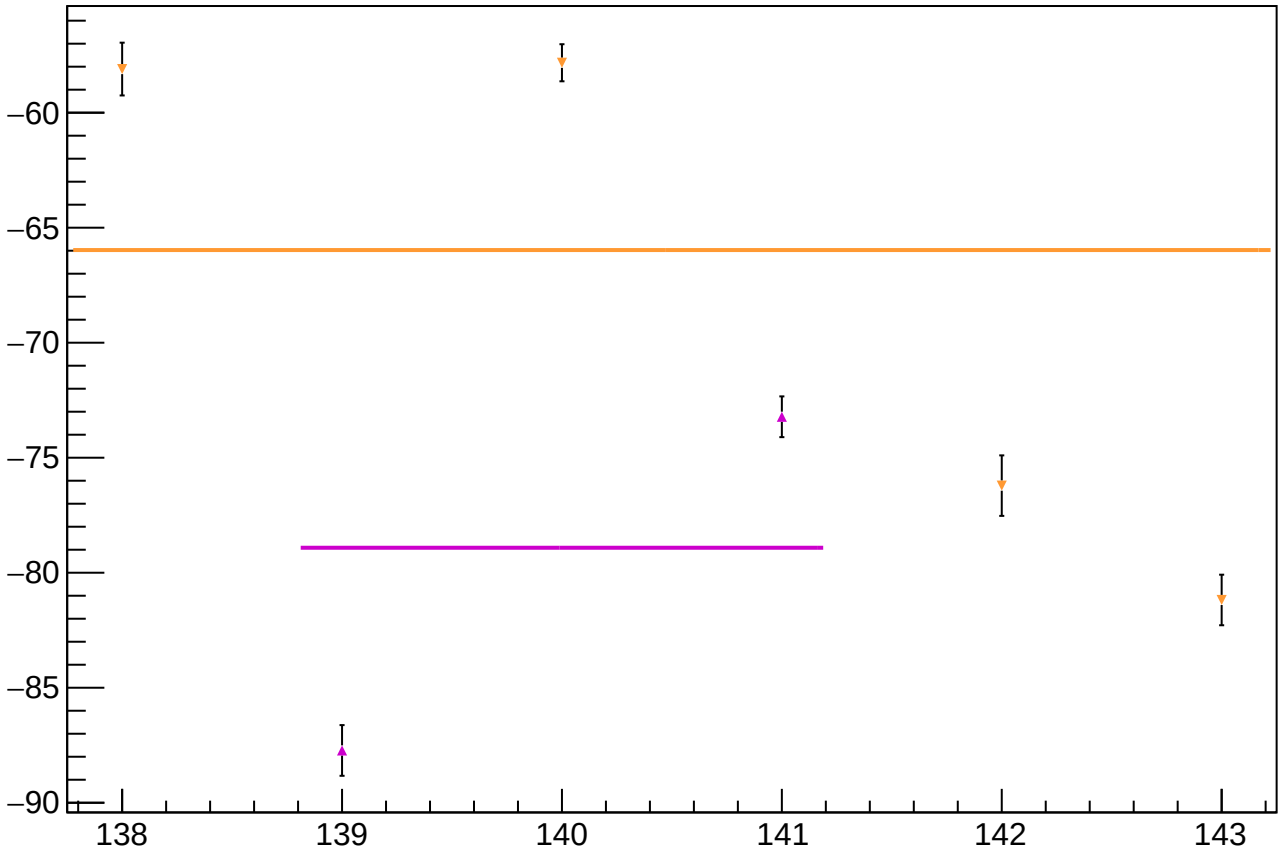
Left In: 3.214+/-0.563 χ^2/NDF:302.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.596+/-0.310 χ^2/NDF: 775.0/5

- 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: -65.972+/-0.520 χ^2/NDF:401.3/3

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

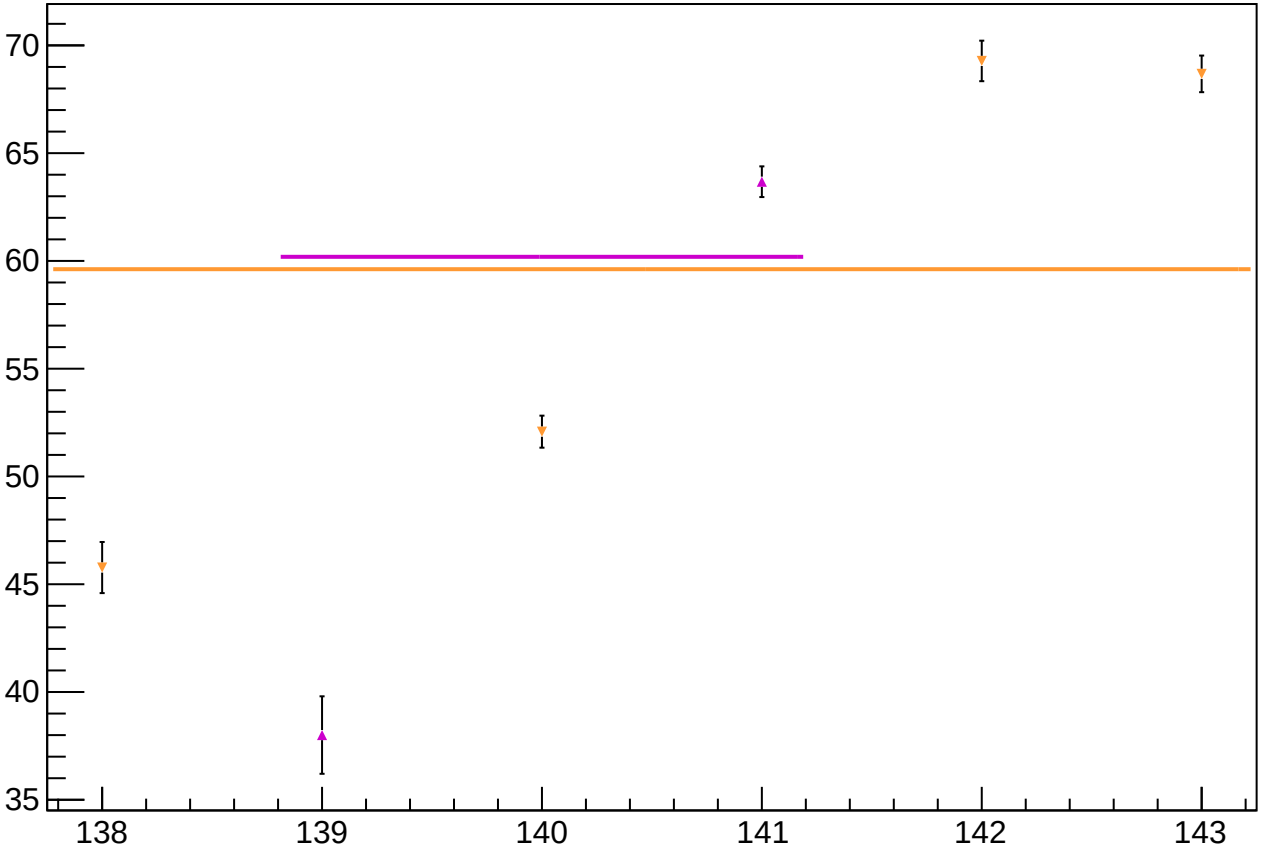
Left In: -78.914+/-0.690 χ^2/NDF:105.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -70.650+/-0.415 χ^2/NDF: 730.9/5

- 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: 59.616+/-0.445 χ^2/NDF:458.8/3

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

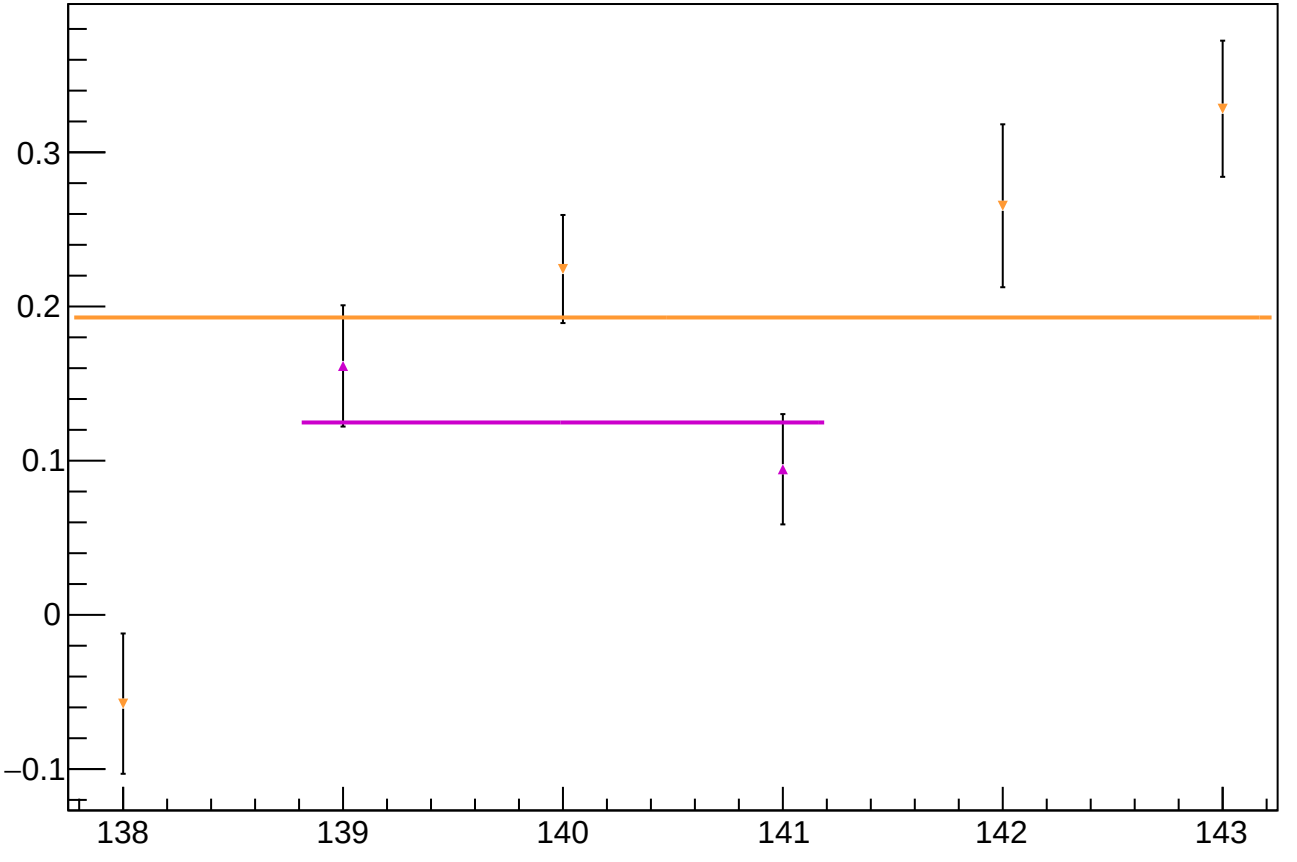
Left In: 60.191+/-0.662 χ^2/NDF:176.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 59.795+/-0.370 χ^2/NDF: 635.6/5

- 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: 0.193+/-0.021 χ^2/NDF:42.4/3

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

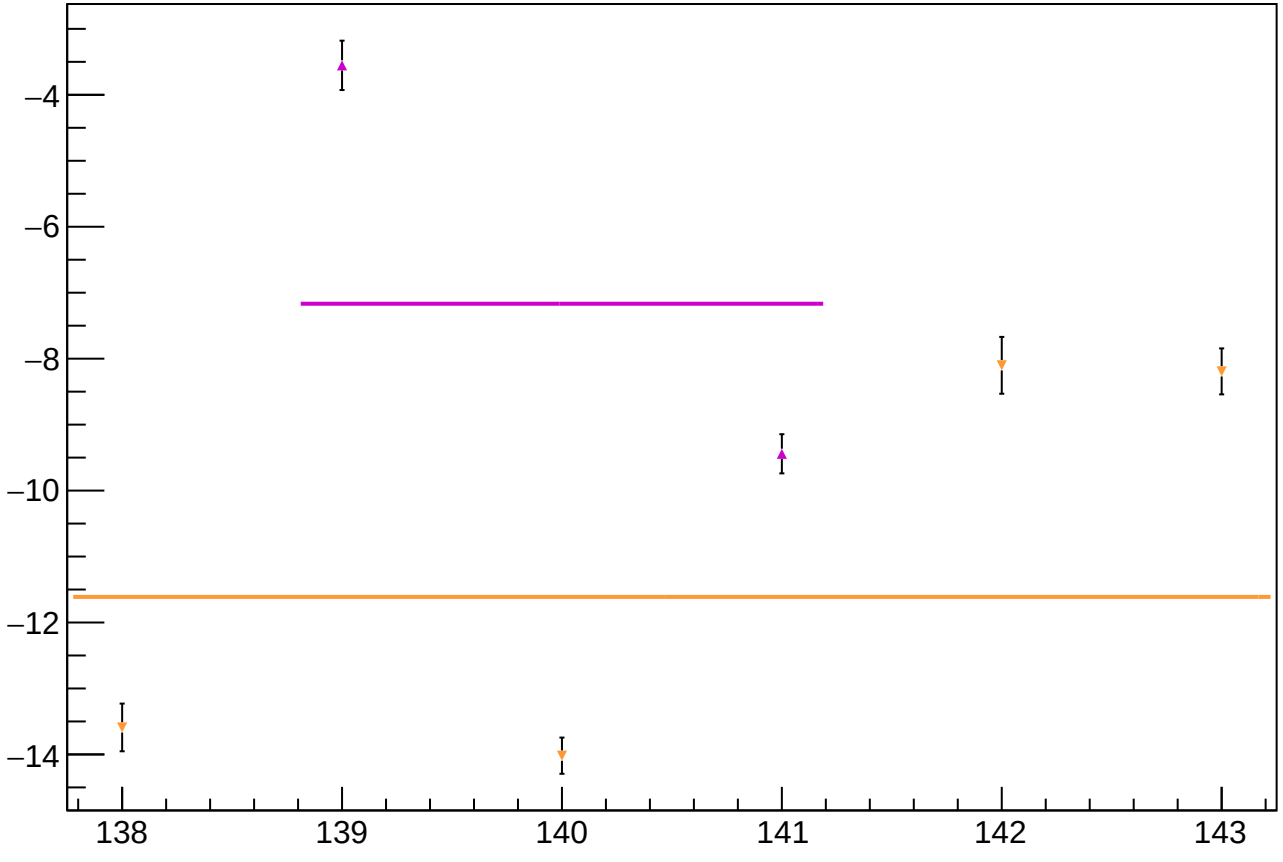
Left In: 0.125+/-0.026 χ^2/NDF:1.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.166+/-0.017 χ^2/NDF: 48.0/5

- 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: -11.612+/-0.170 χ^2/NDF:269.5/3

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

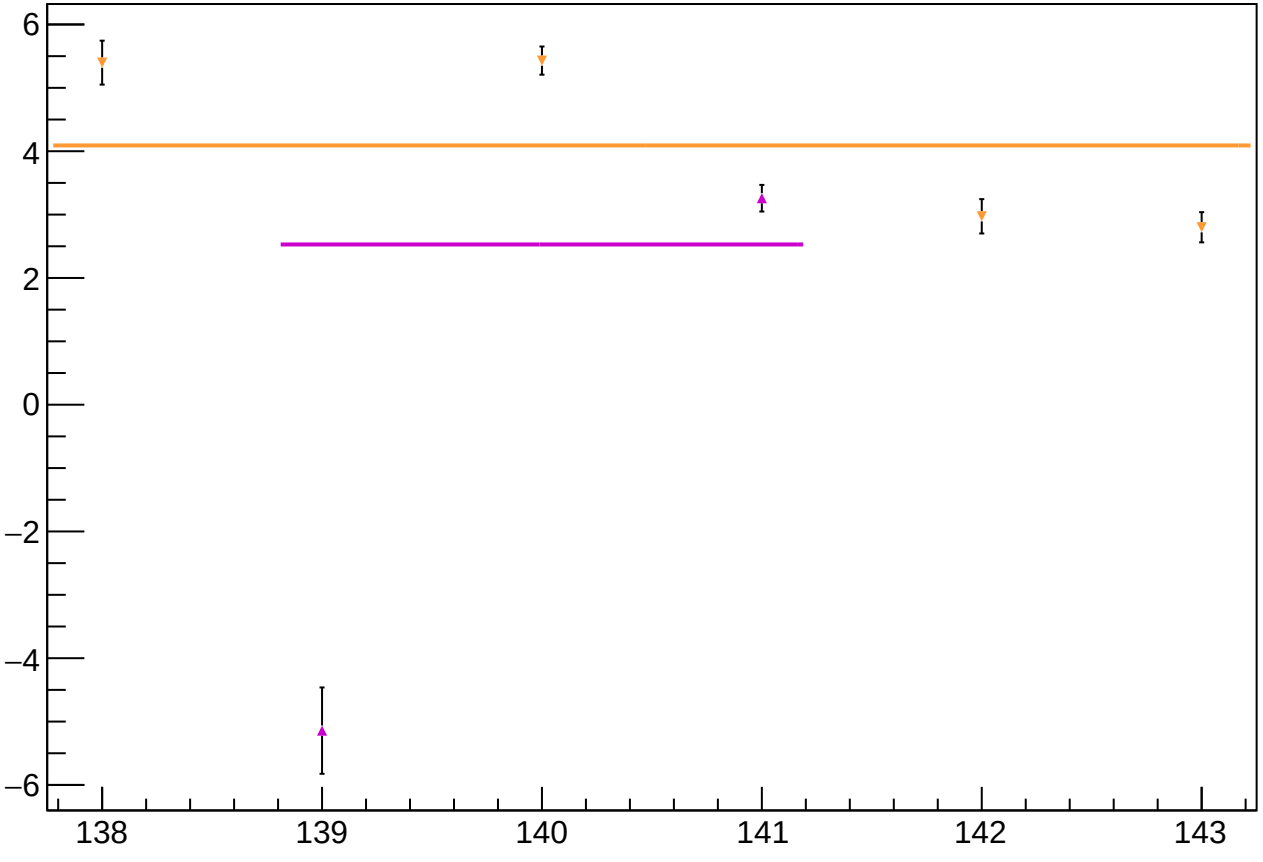
Left In: -7.167+/-0.233 χ^2/NDF:152.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.062+/-0.137 χ^2/NDF: 659.4/5

- 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: 4.091+/-0.129 χ^2/NDF:96.9/3

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

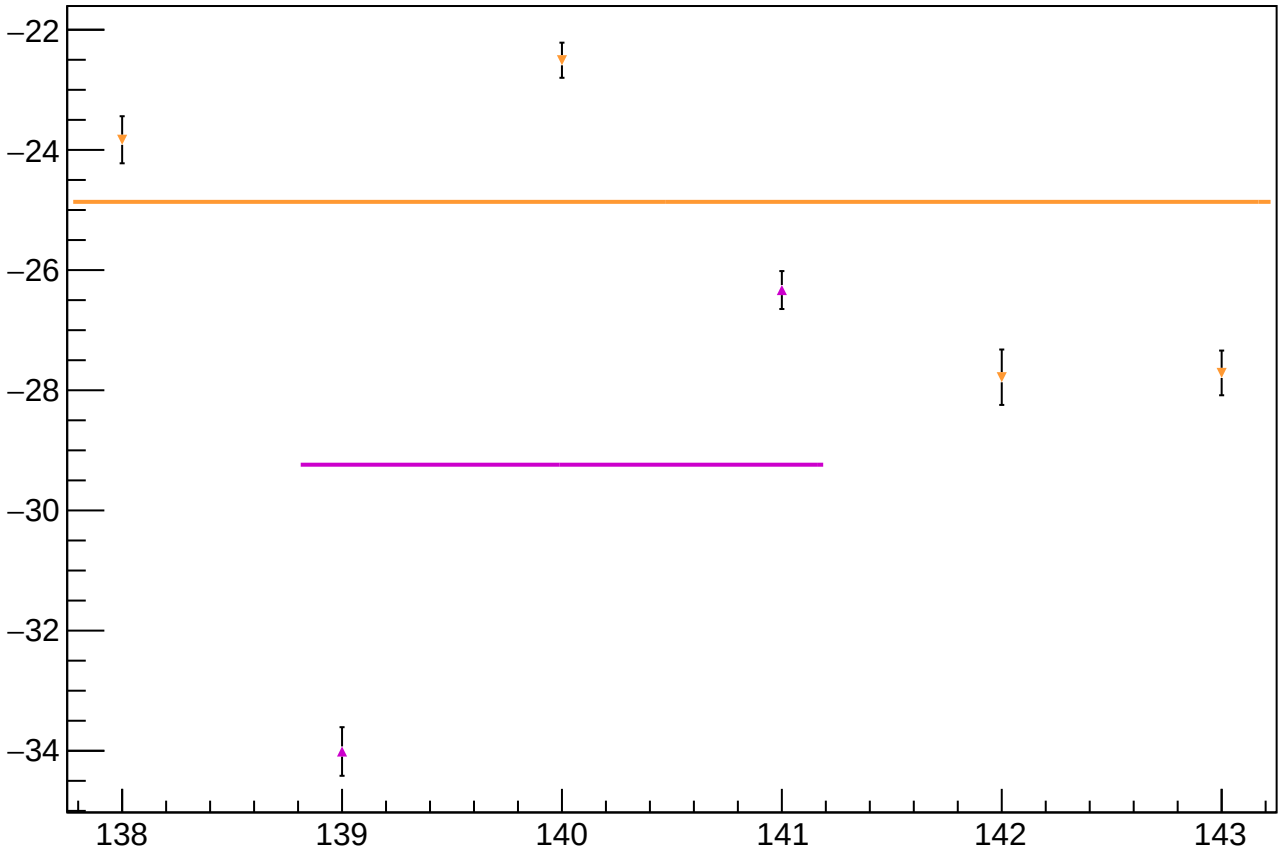
Left In: 2.529+/-0.201 χ^2/NDF:138.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.633+/-0.109 χ^2/NDF: 278.6/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -24.864+/-0.182 χ^2/NDF:170.6/3

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

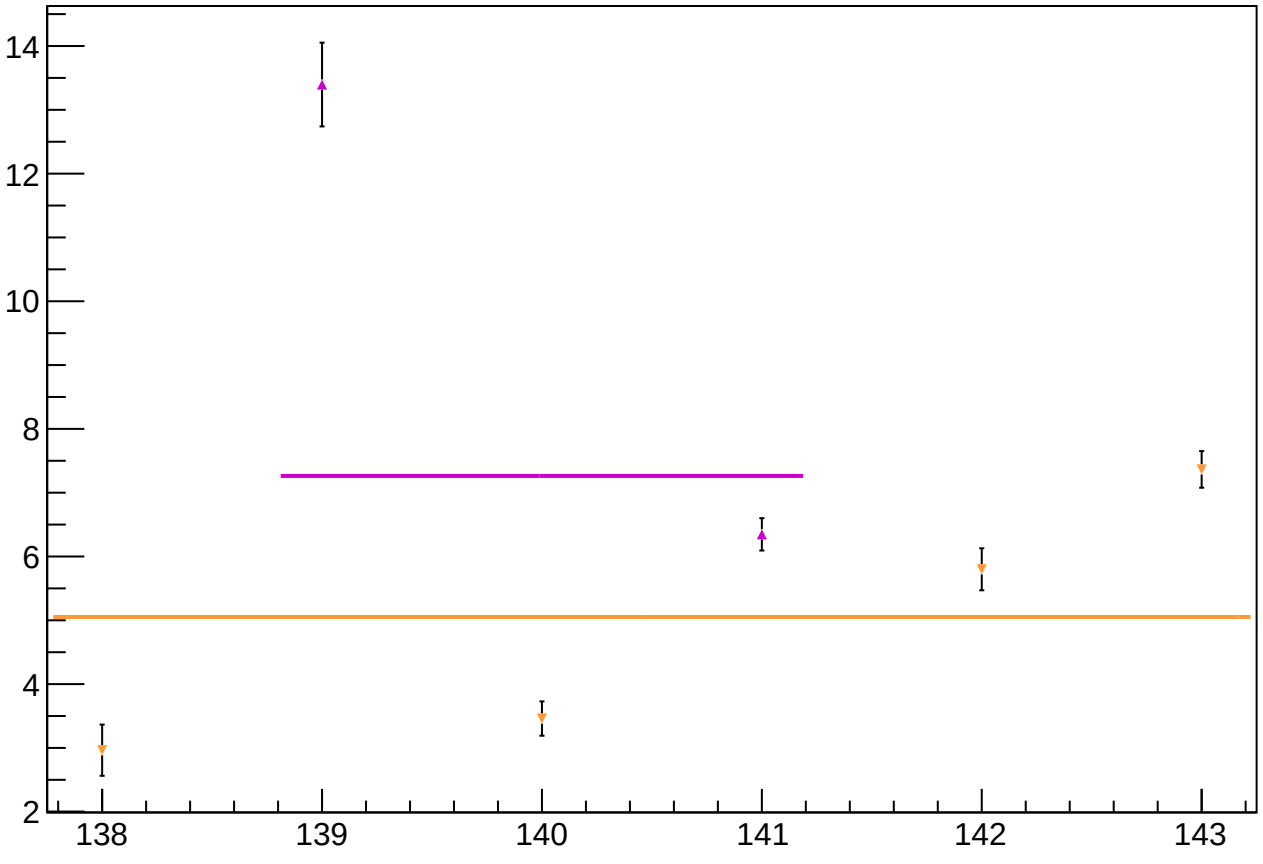
Left In: -29.239+/-0.249 χ^2/NDF:223.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -26.390+/-0.147 χ^2/NDF: 595.8/5

- 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: 5.053+/-0.155 χ^2/NDF:132.2/3

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

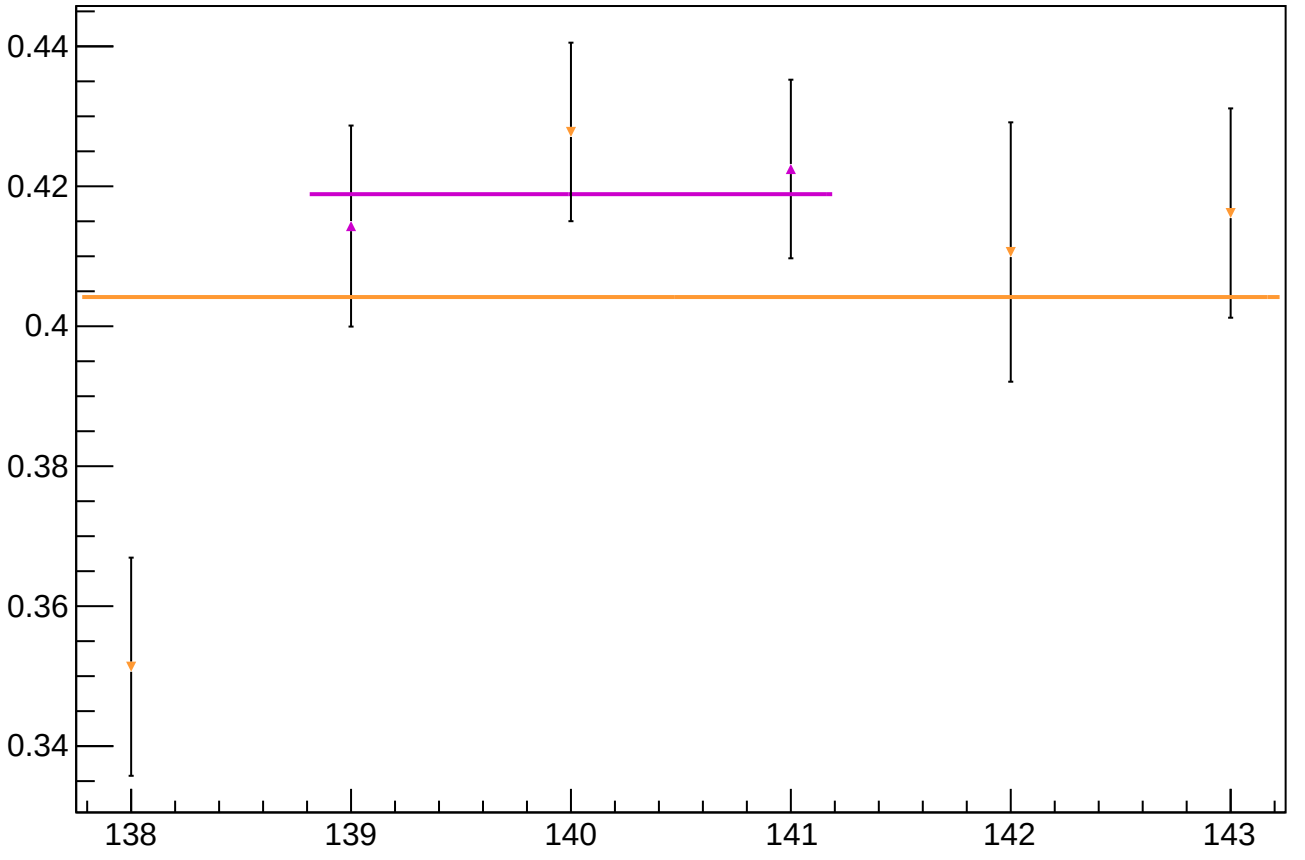
Left In: 7.263+/-0.237 χ^2/NDF:100.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.719+/-0.130 χ^2/NDF: 293.5/5

- 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: 0.404+/-0.008 χ^2/NDF:15.7/3

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

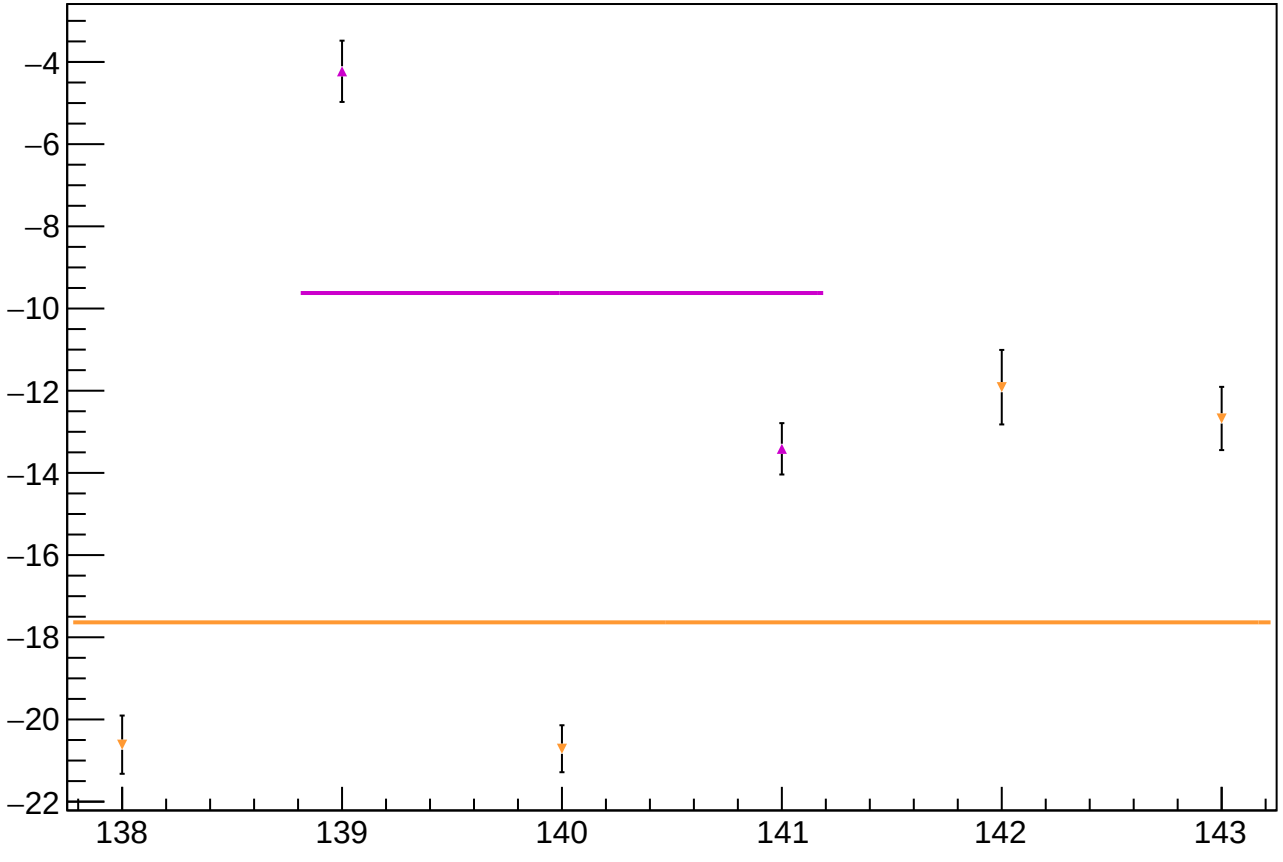
Left In: 0.419+/-0.010 χ^2/NDF:0.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.410+/-0.006 χ^2/NDF: 17.3/5

- 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: -17.637+/-0.354 χ^2/NDF:128.0/3

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

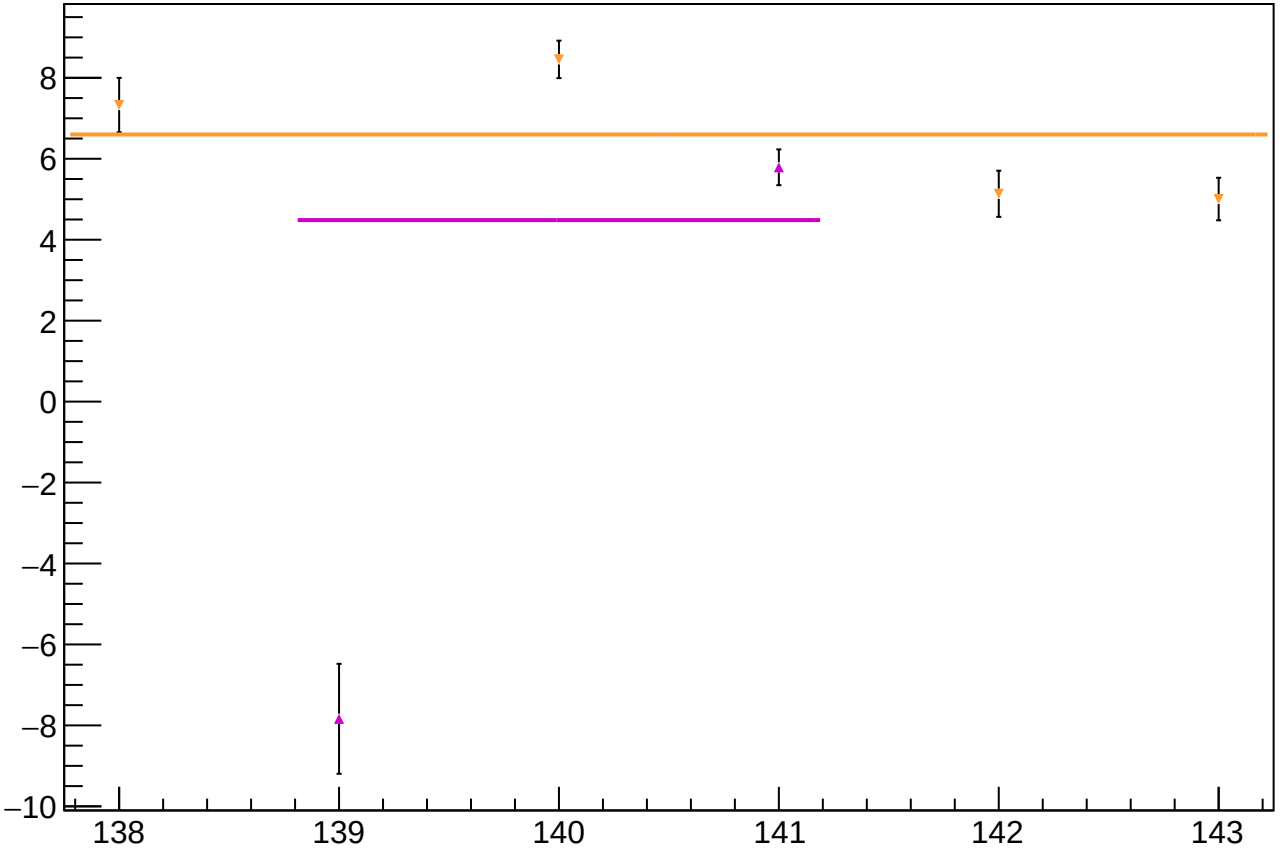
Left In: -9.622+/-0.479 χ^2/NDF:89.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.801+/-0.285 χ^2/NDF: 398.1/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 6.601+/-0.271 χ^2/NDF:33.1/3

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

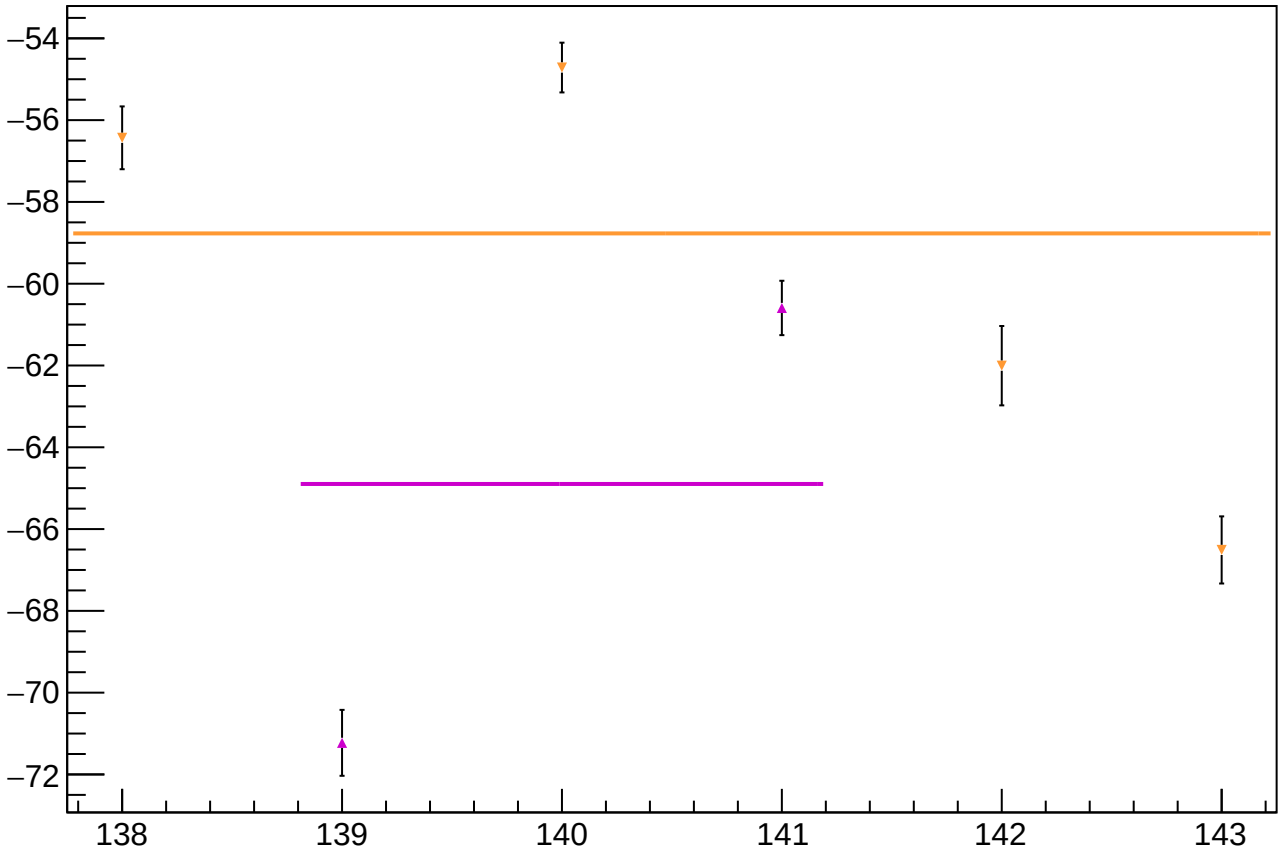
Left In: 4.485+/-0.420 χ^2/NDF:91.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.979+/-0.228 χ^2/NDF: 142.0/5

- 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: -58.770+/-0.379 χ^2/NDF:153.8/3

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

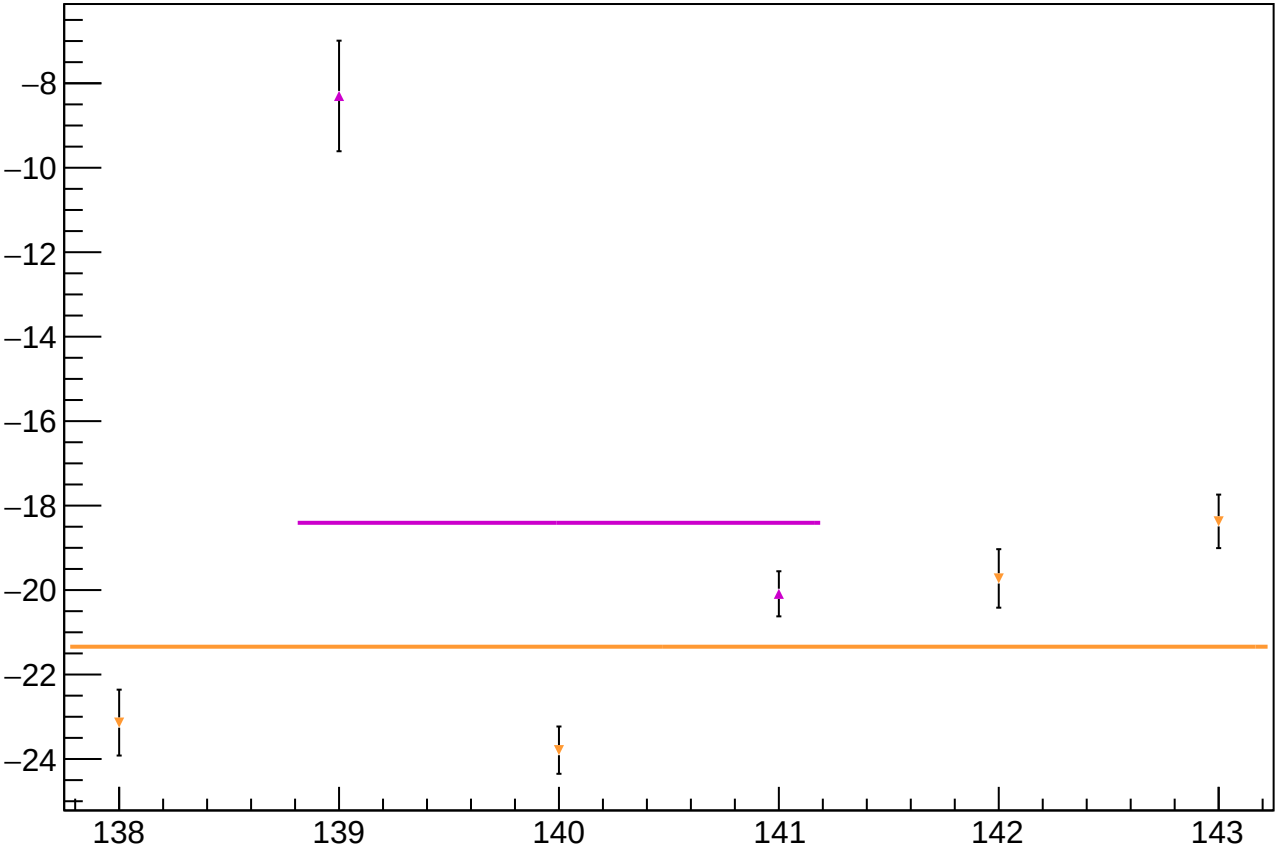
Left In: -64.897+/-0.513 χ^2/NDF:103.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -60.938+/-0.305 χ^2/NDF: 349.6/5

- 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: -21.341+/-0.326 χ^2/NDF:51.8/3

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

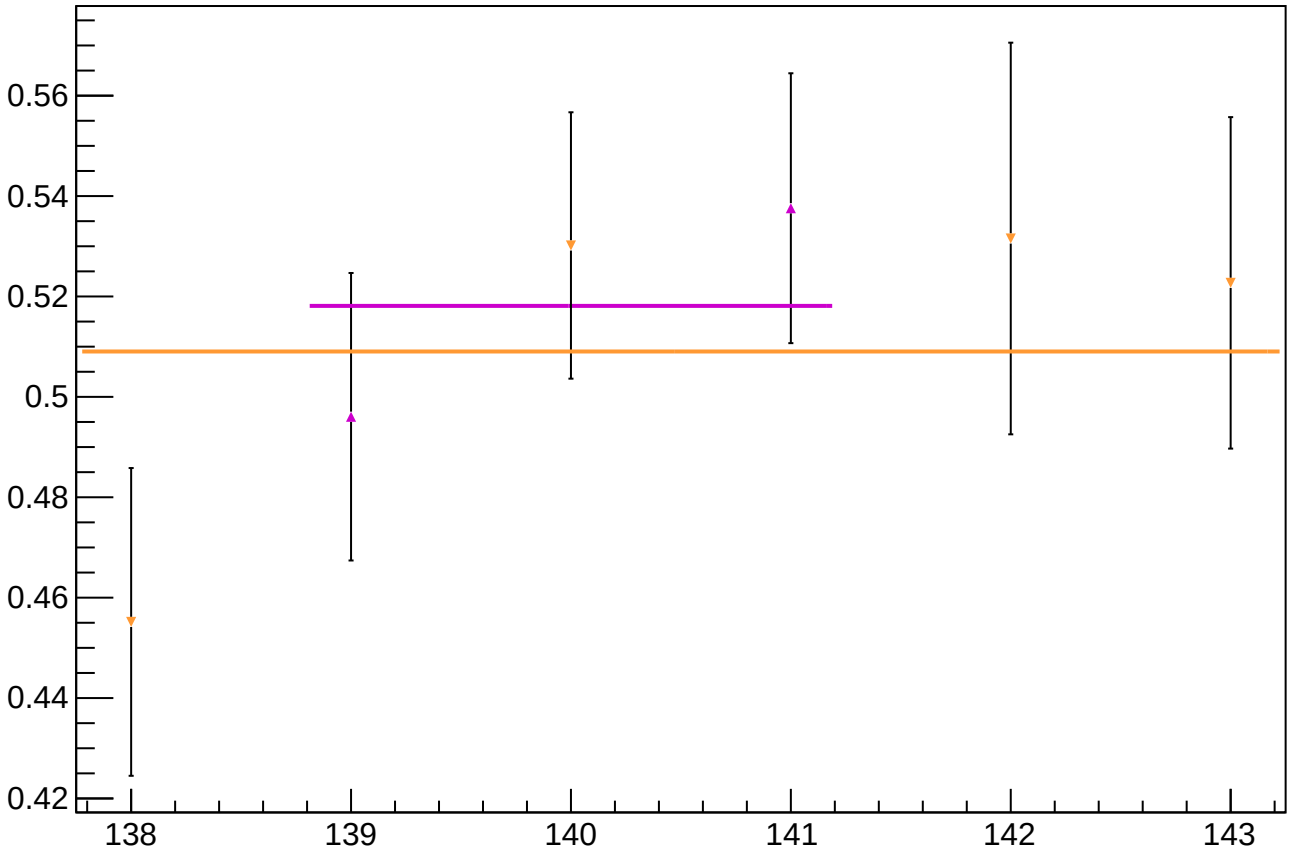
Left In: -18.407+/-0.494 χ^2/NDF:69.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.452+/-0.272 χ^2/NDF: 145.9/5

- 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: 0.509+/-0.016 χ^2/NDF:4.2/3

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

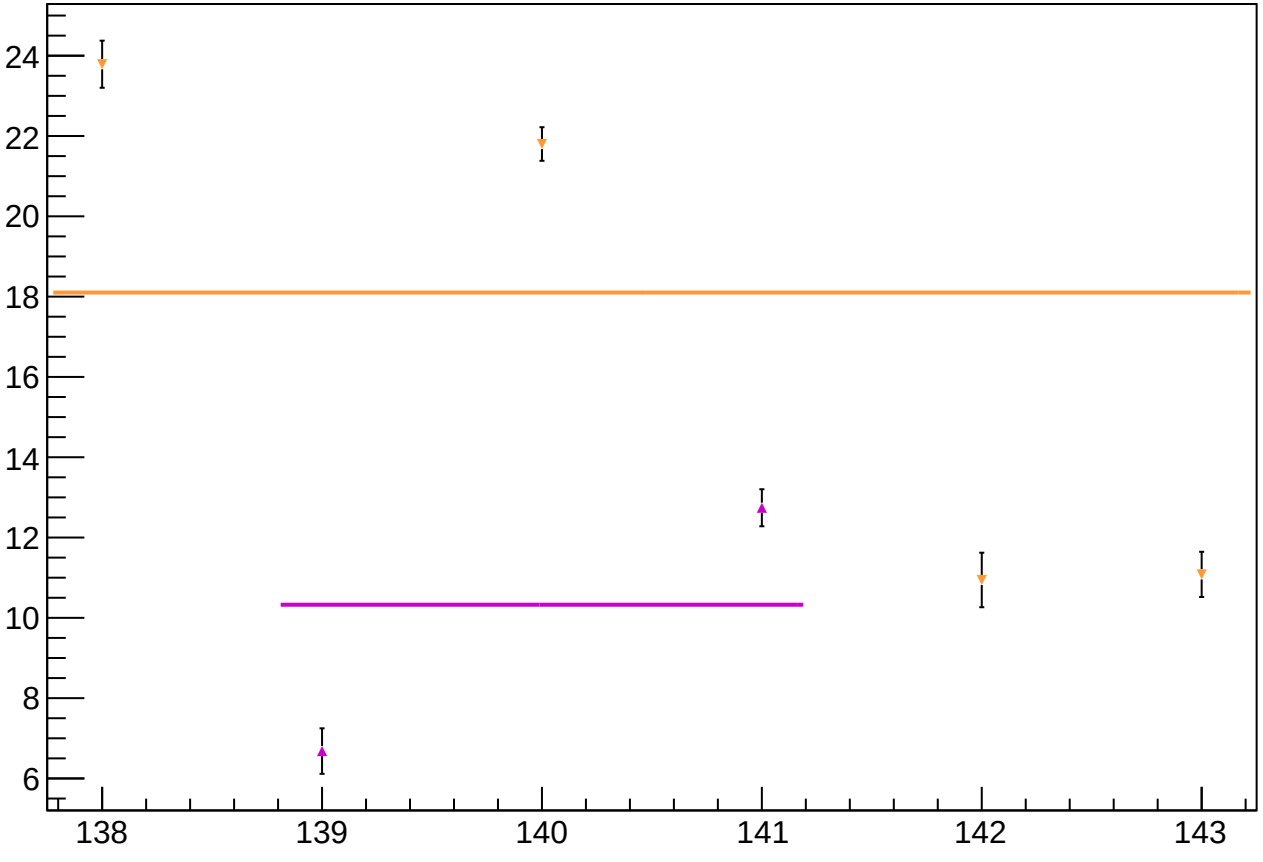
Left In: 0.518+/-0.020 χ^2/NDF:1.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.513+/-0.012 χ^2/NDF: 5.5/5

- 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: 18.101+/-0.268 χ^2/NDF:438.7/3

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

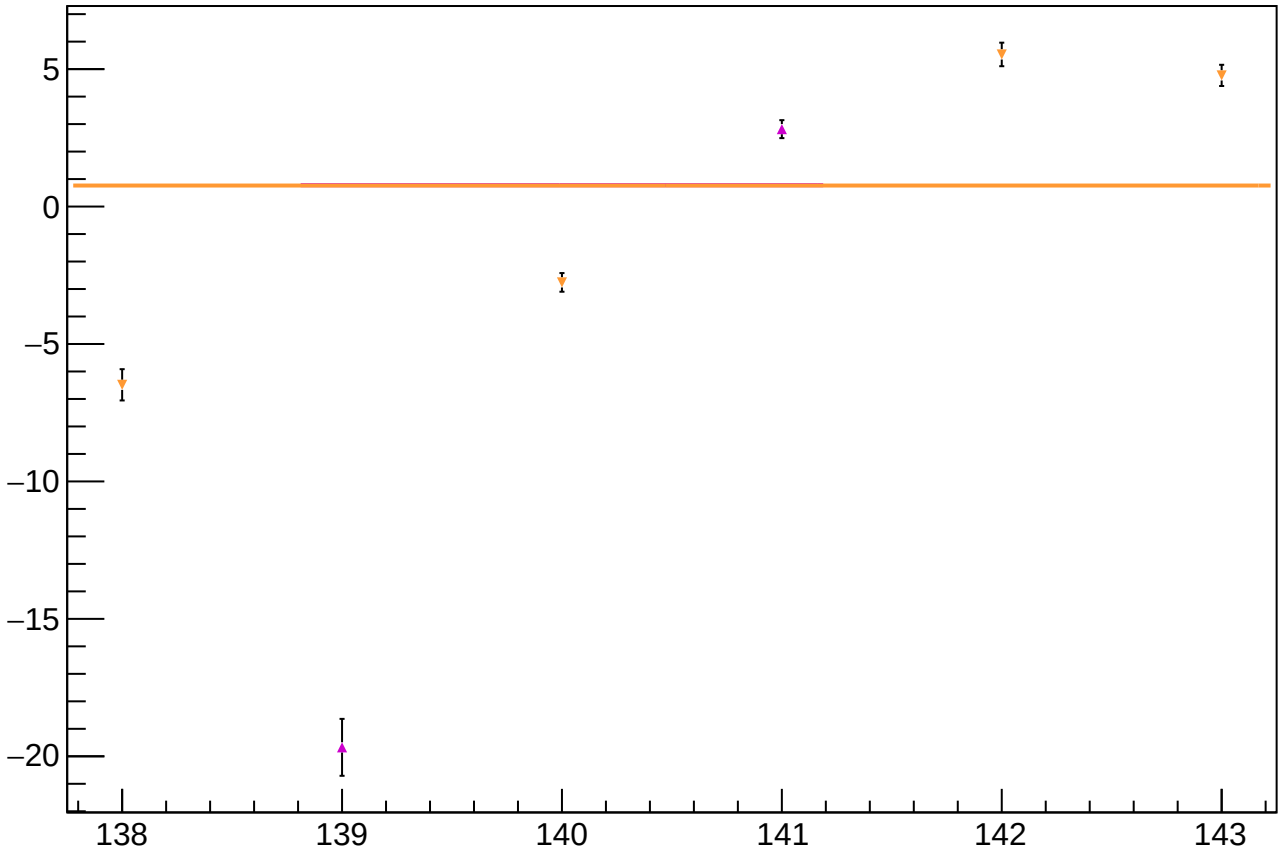
Left In: 10.327+/-0.358 χ^2/NDF:68.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 15.308+/-0.214 χ^2/NDF: 810.4/5

- 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: 0.765+/-0.204 χ^2/NDF:501.9/3

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

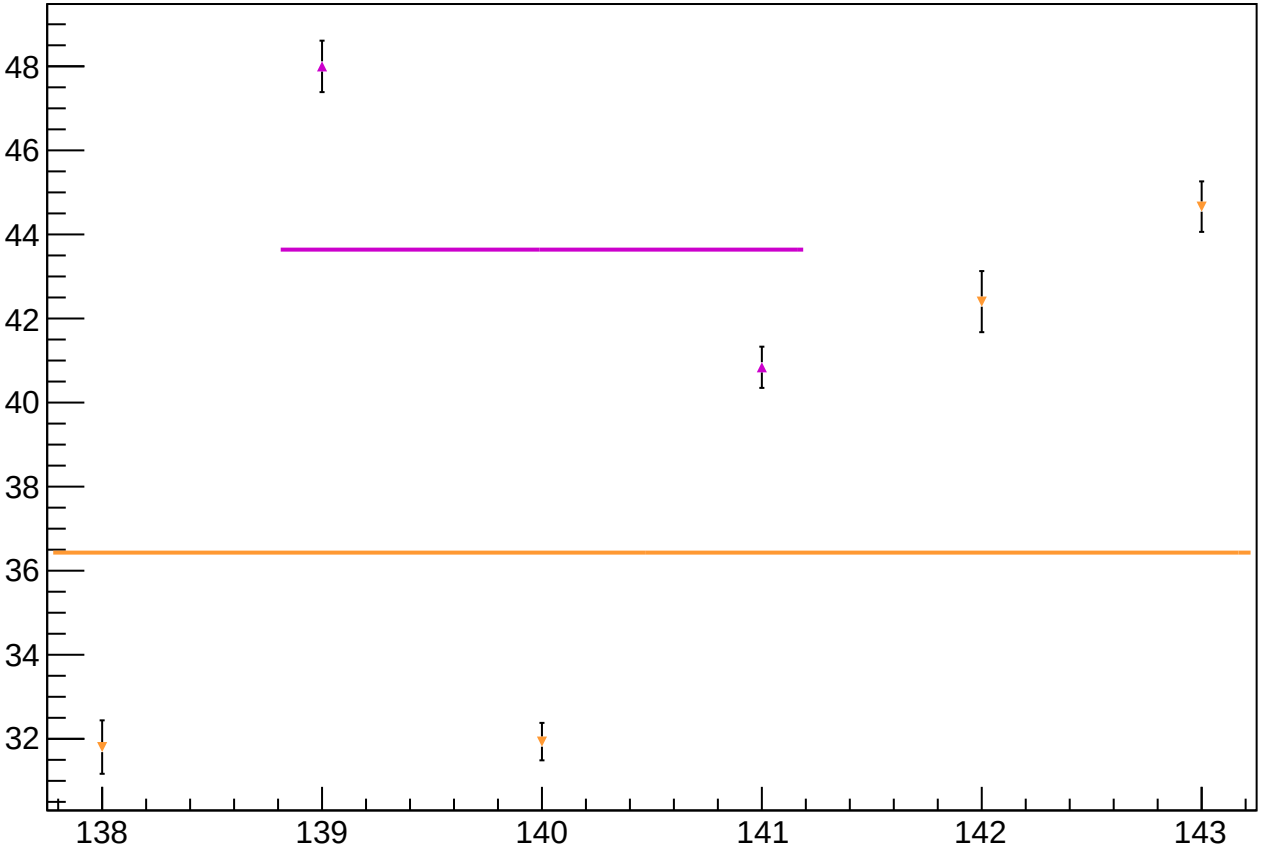
Left In: 0.777+/-0.312 χ^2/NDF:429.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.768+/-0.171 χ^2/NDF: 931.1/5

- 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: 36.430+/-0.287 χ^2/NDF:410.1/3

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

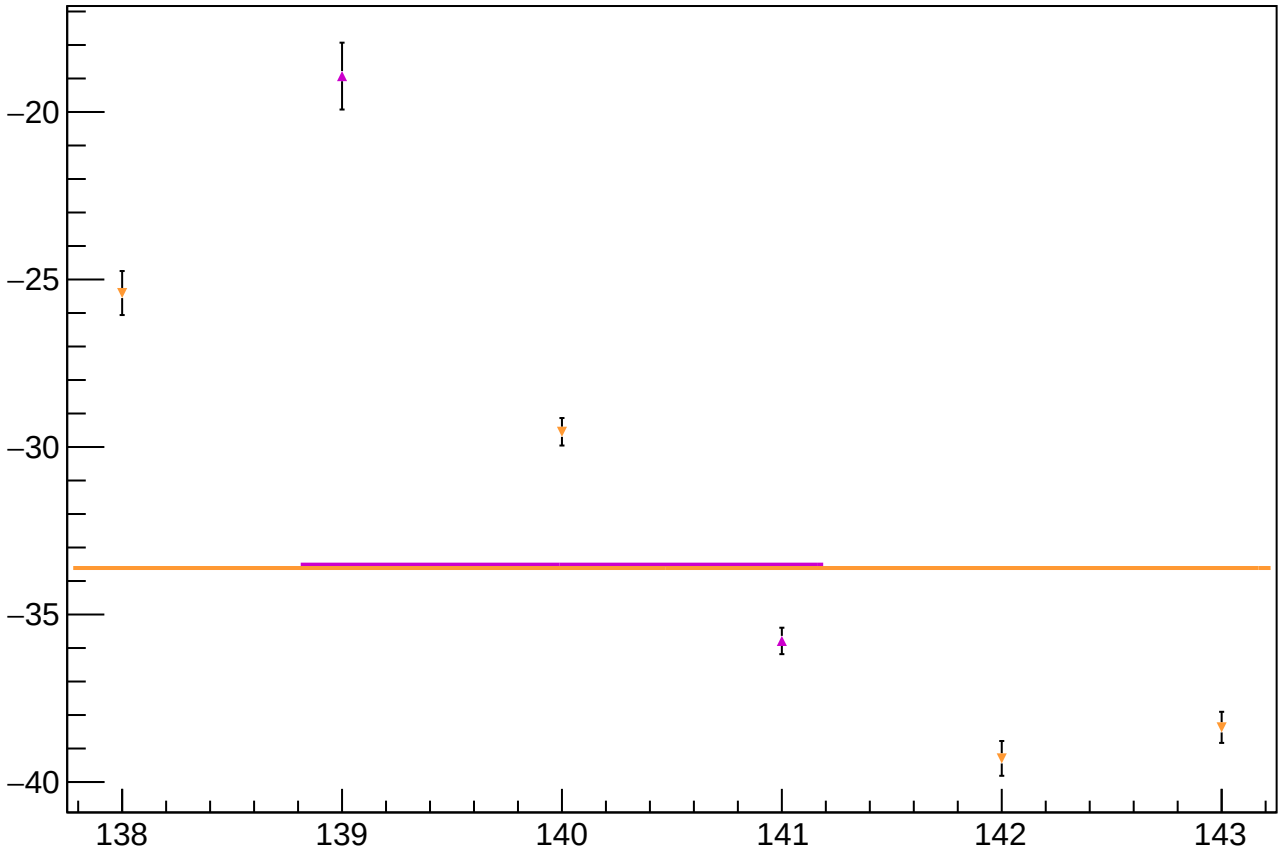
Left In: 43.639+/-0.383 χ^2/NDF:83.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 39.020+/-0.229 χ^2/NDF: 720.7/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -33.612+/-0.245 χ^2/NDF:478.8/3

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

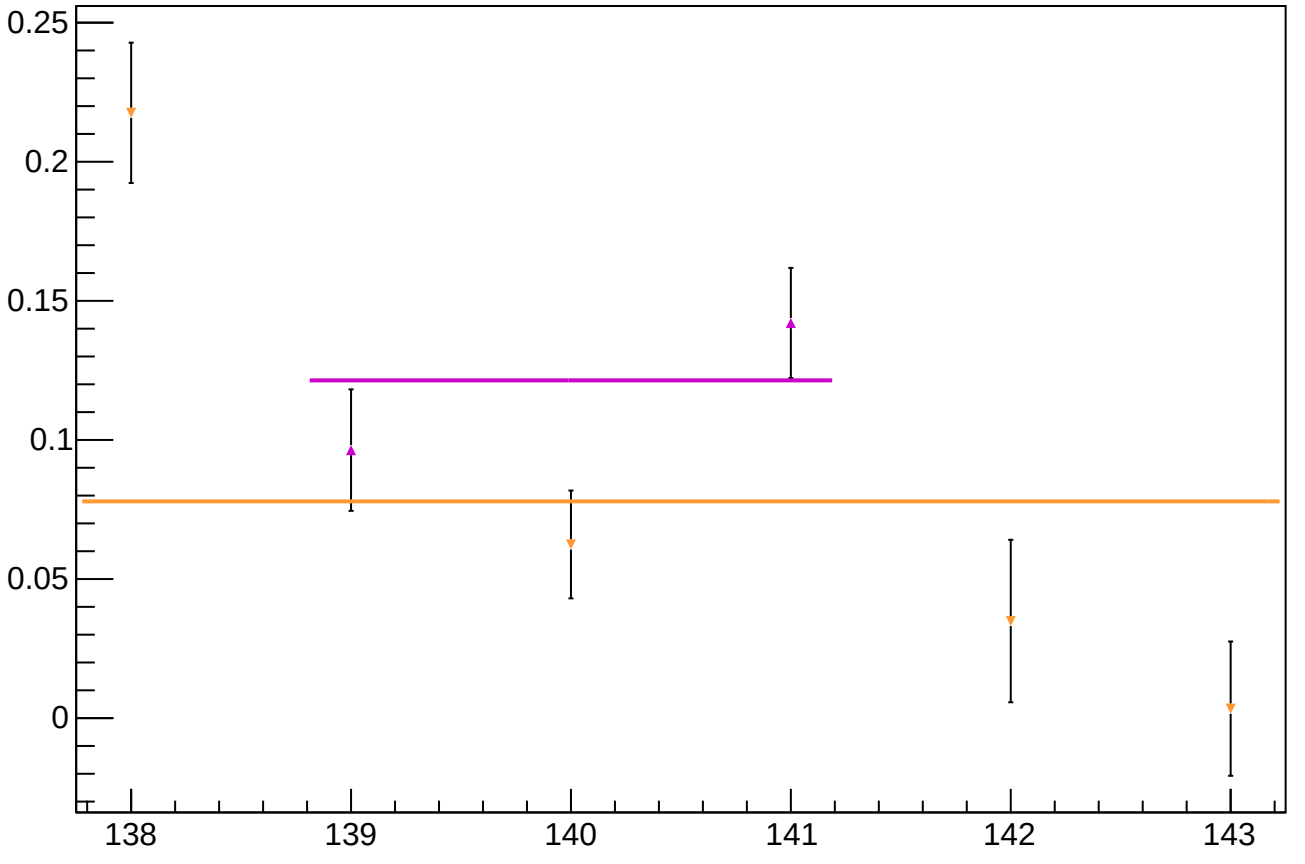
Left In: -33.512+/-0.367 χ^2/NDF:246.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -33.581+/-0.204 χ^2/NDF: 725.8/5

- 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: 0.078+/-0.012 χ^2/NDF:43.0/3

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

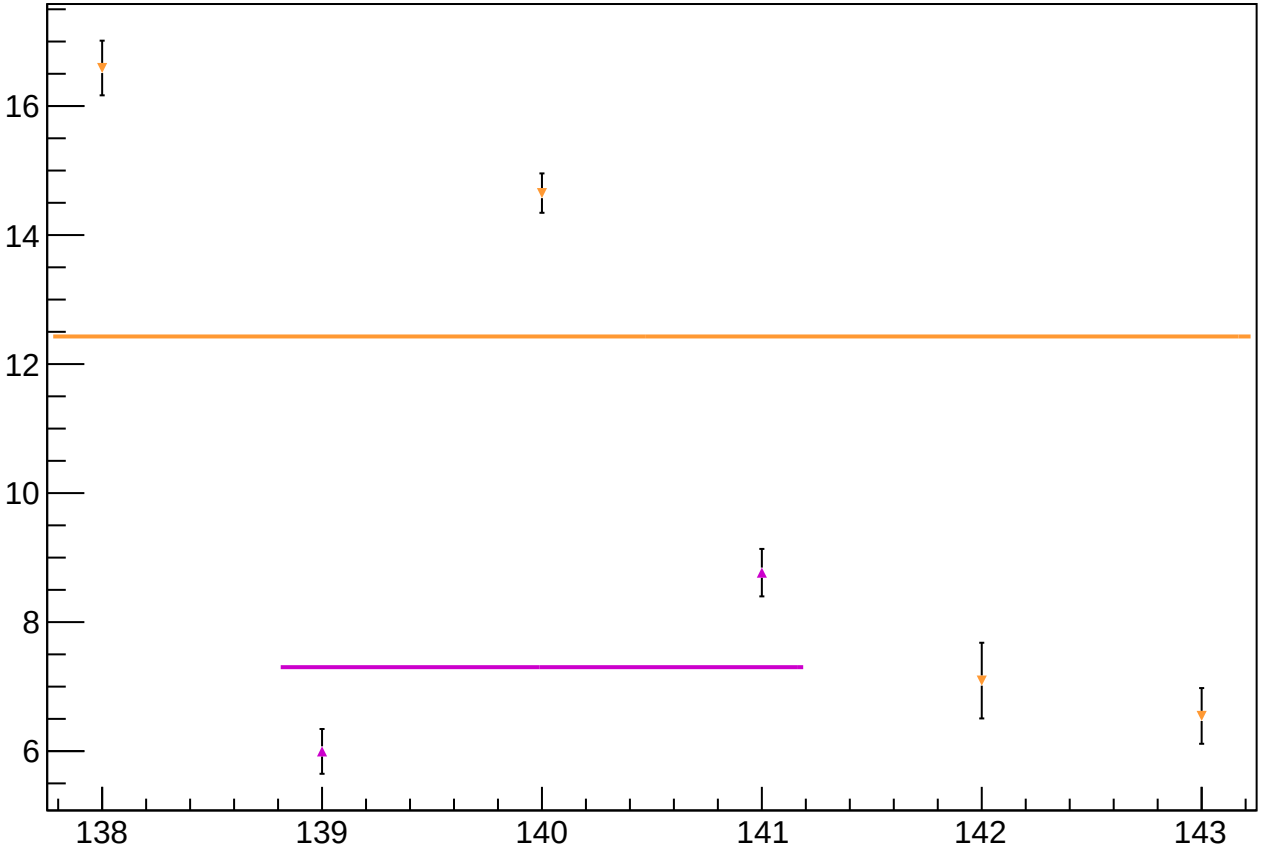
Left In: 0.121+/-0.015 χ^2/NDF:2.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.095+/-0.009 χ^2/NDF: 50.7/5

- 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: 12.428+/-0.202 χ^2/NDF:417.7/3

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

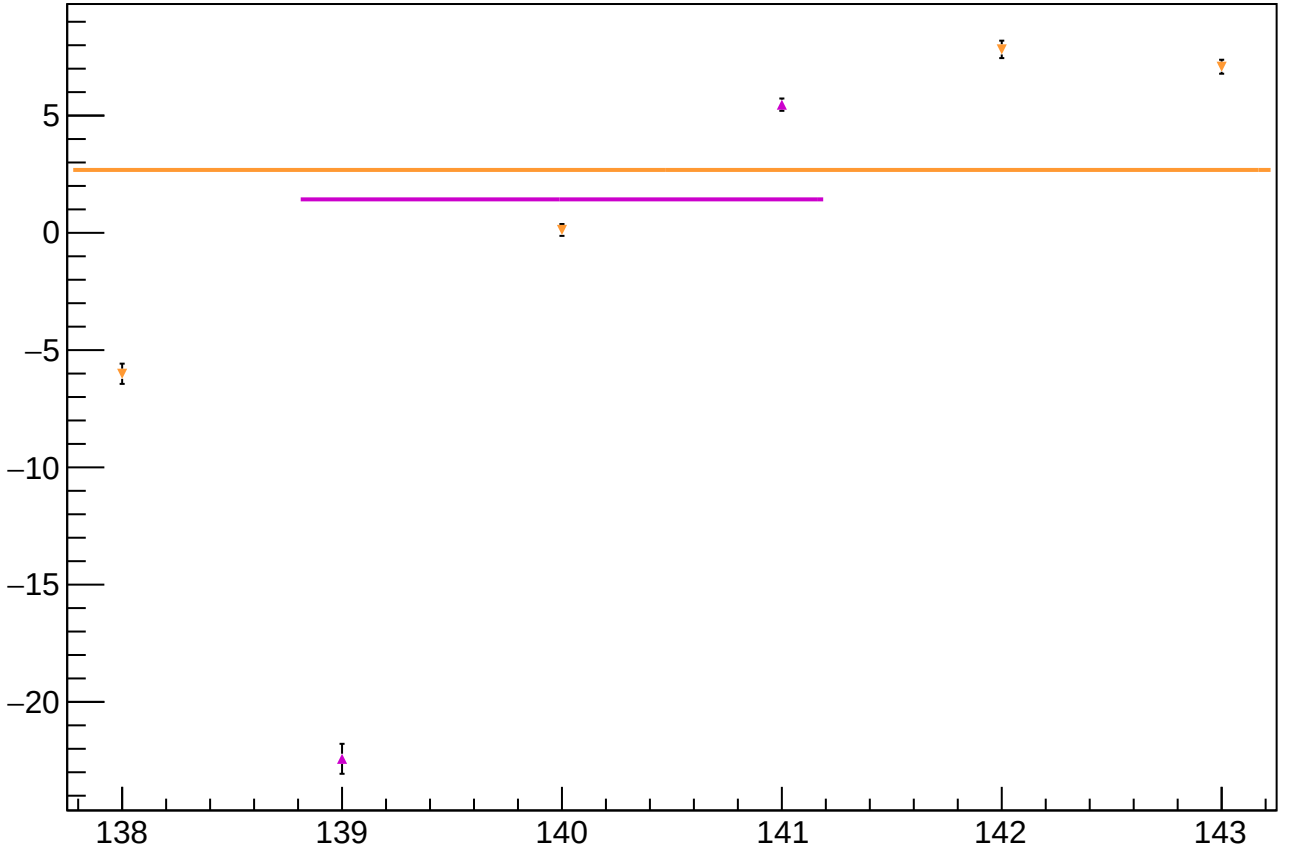
Left In: 7.302+/-0.252 χ^2/NDF:30.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.430+/-0.158 χ^2/NDF: 699.3/5

- 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: 2.682+/-0.159 χ^2/NDF:917.4/3

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

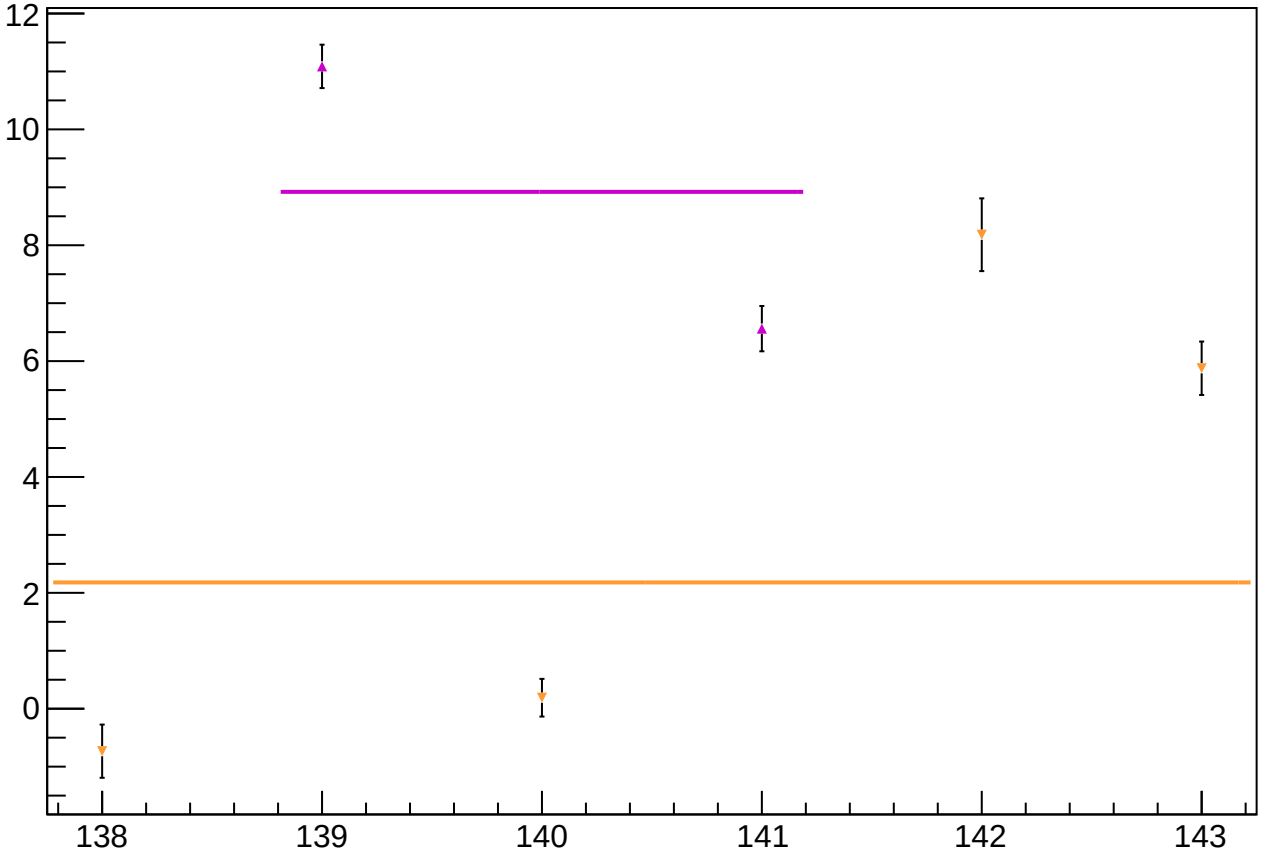
Left In: 1.427+/-0.243 χ^2/NDF:1629.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.306+/-0.133 χ^2/NDF: 2565.7/5

- 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: 2.180+/-0.216 χ^2/NDF:233.3/3

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

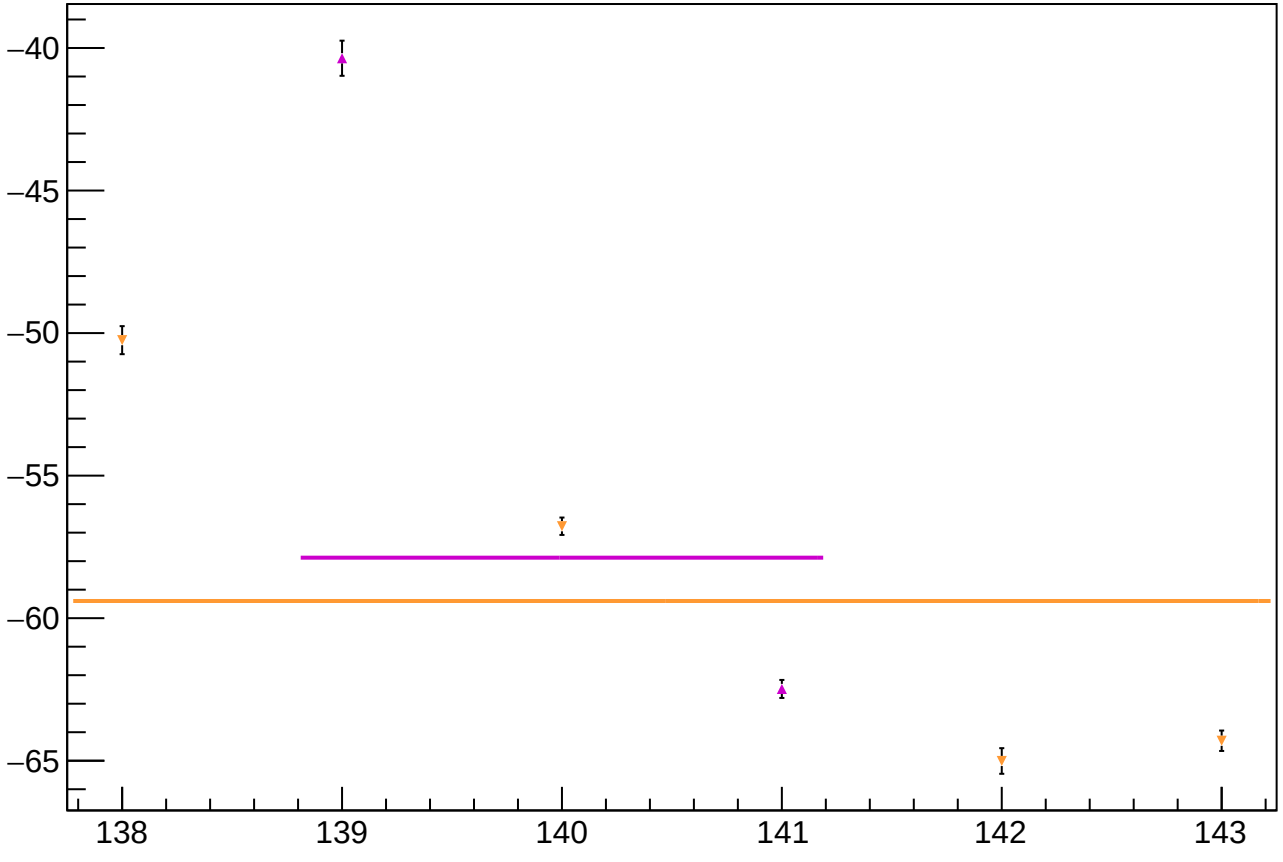
Left In: 8.921+/-0.271 χ^2/NDF:69.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.805+/-0.169 χ^2/NDF: 682.4/5

- 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: -59.397+/-0.190 χ^2/NDF:764.0/3

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

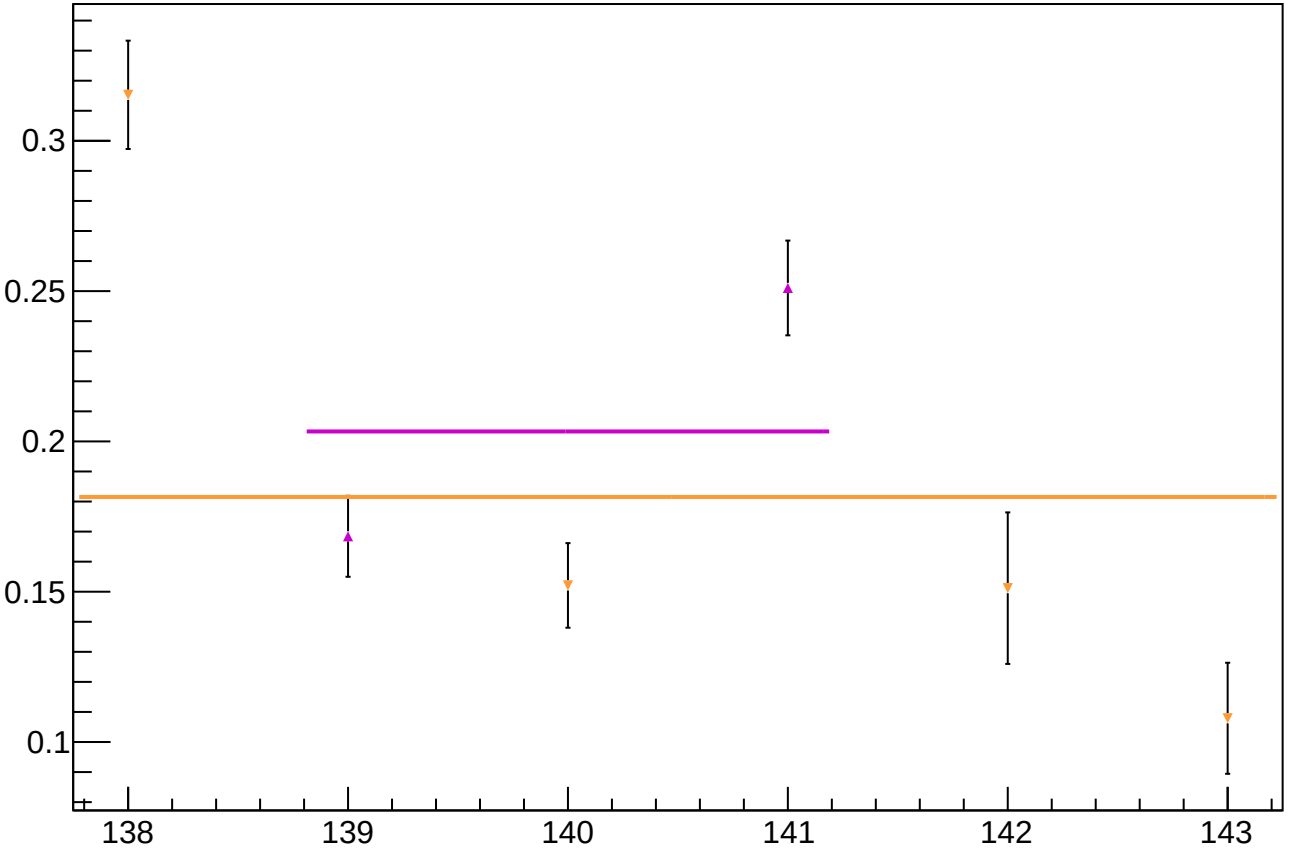
Left In: -57.878+/-0.281 χ^2/NDF:1020.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -58.920+/-0.157 χ^2/NDF: 1804.4/5

- 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: 0.182+/-0.009 χ^2/NDF:76.8/3

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

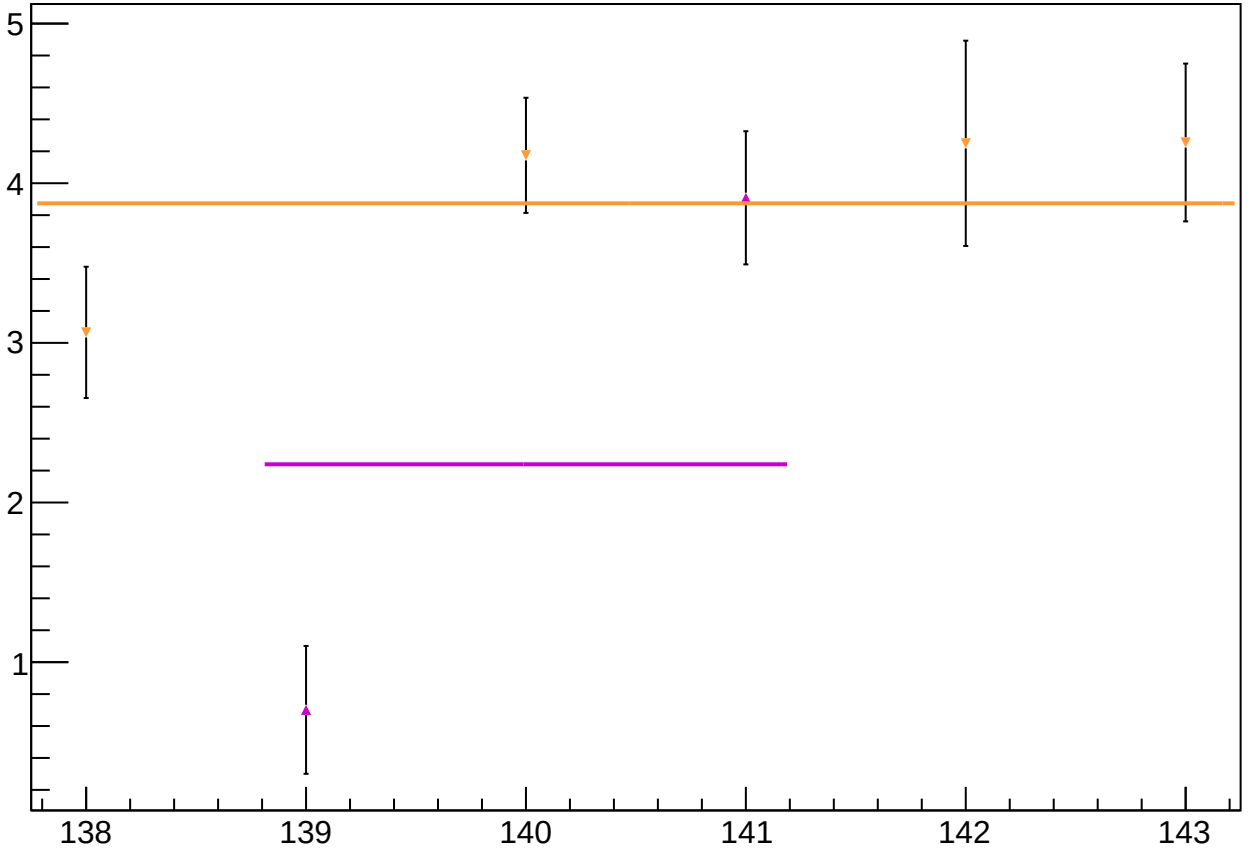
Left In: 0.203+/-0.010 χ^2/NDF:15.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.191+/-0.007 χ^2/NDF: 95.3/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: 3.874+/-0.223 χ^2/NDF:5.5/3

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

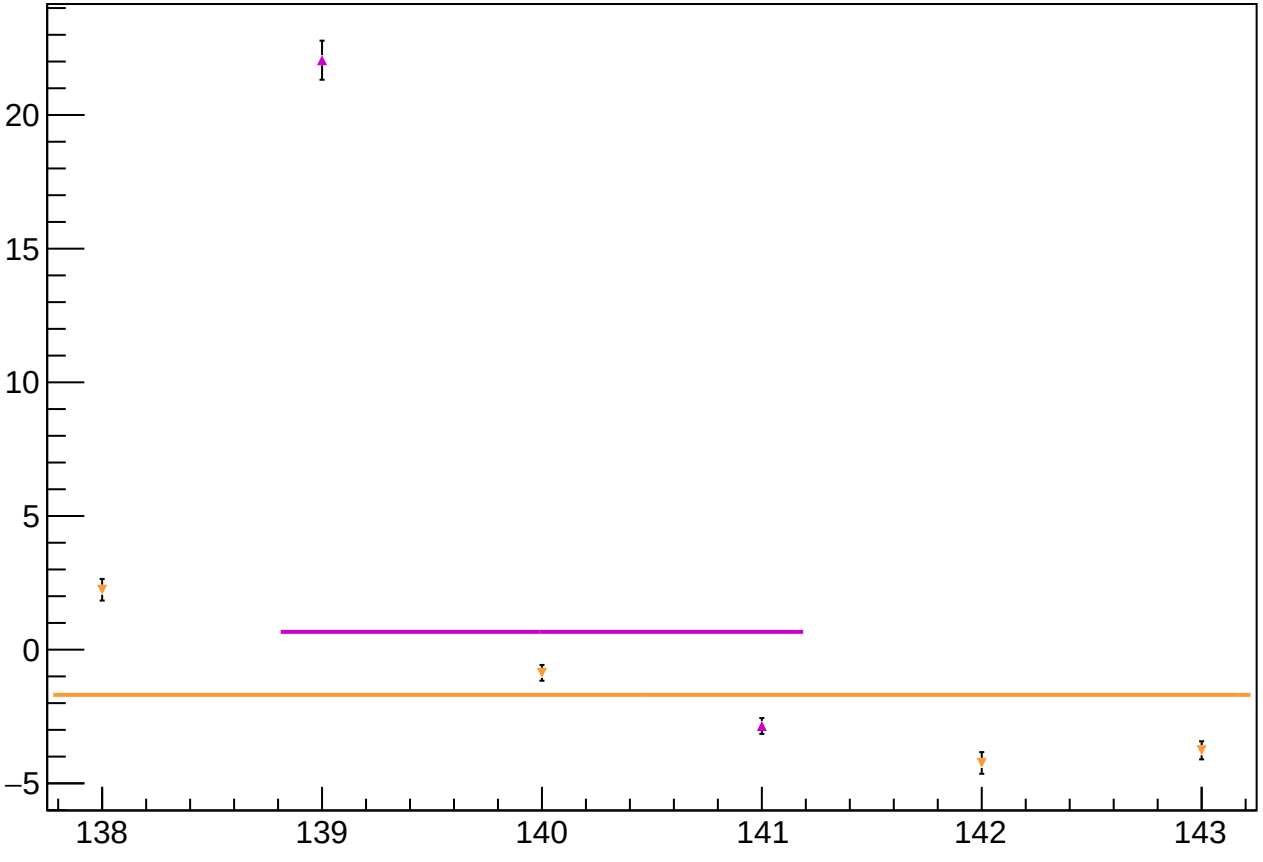
Left In: 2.239+/-0.289 χ^2/NDF:30.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.264+/-0.176 χ^2/NDF: 56.3/5

- 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: -1.690+/-0.176 χ^2/NDF:179.2/3

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

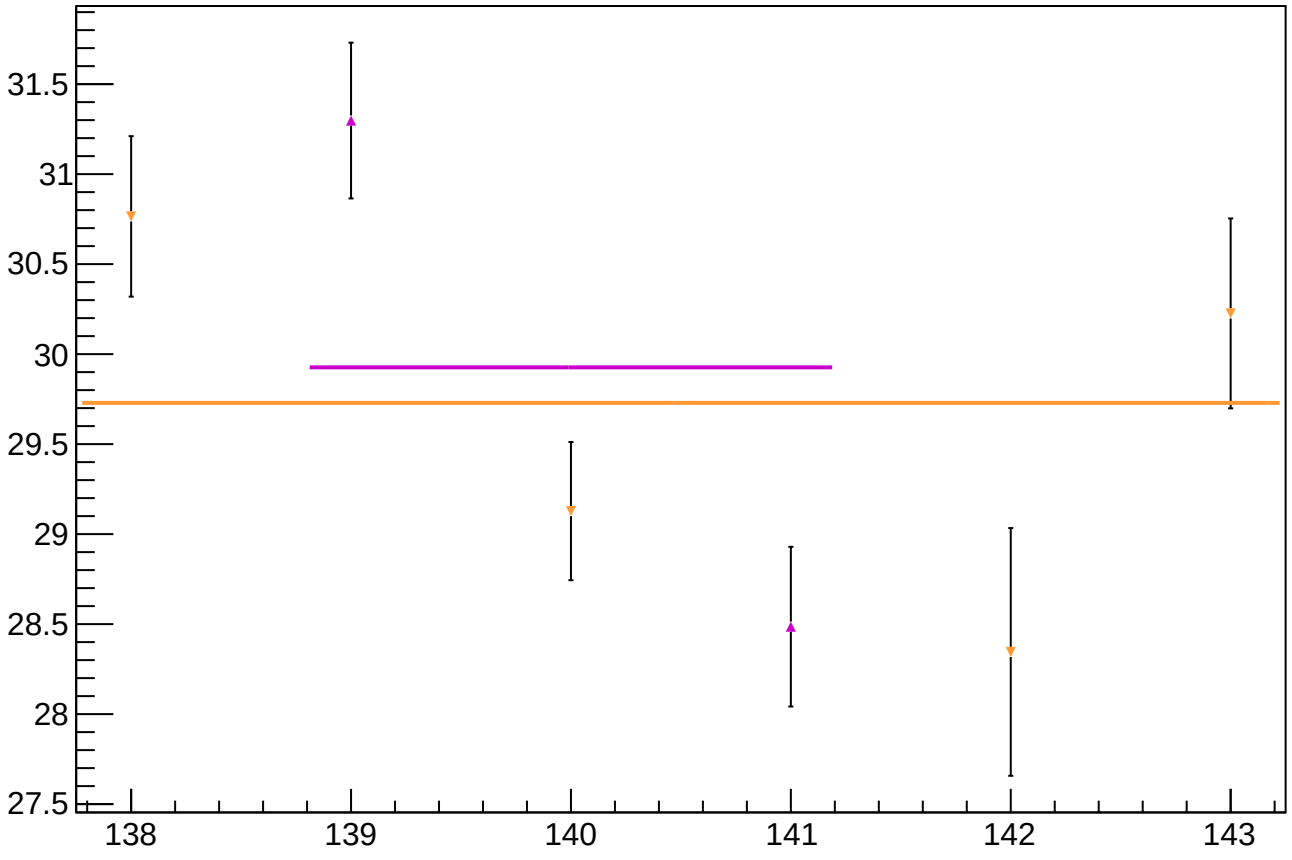
Left In: 0.667+/-0.275 χ^2/NDF:996.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.006+/-0.148 χ^2/NDF: 1227.8/5

- 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: 29.729+/-0.239 χ^2/NDF:12.8/3

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

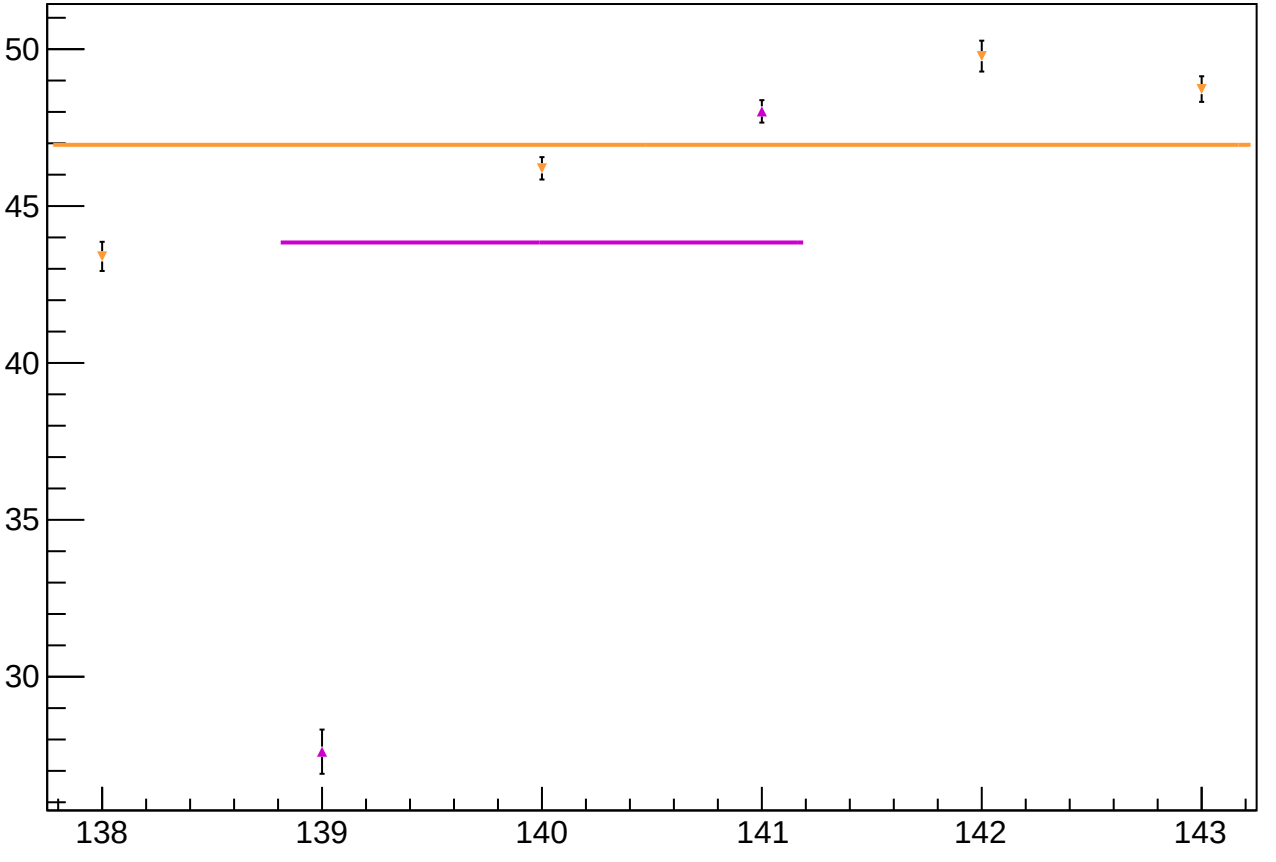
Left In: 29.927+/-0.310 χ^2/NDF:20.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 29.803+/-0.189 χ^2/NDF: 33.6/5

- 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: 46.952+/-0.210 χ^2/NDF:114.9/3

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

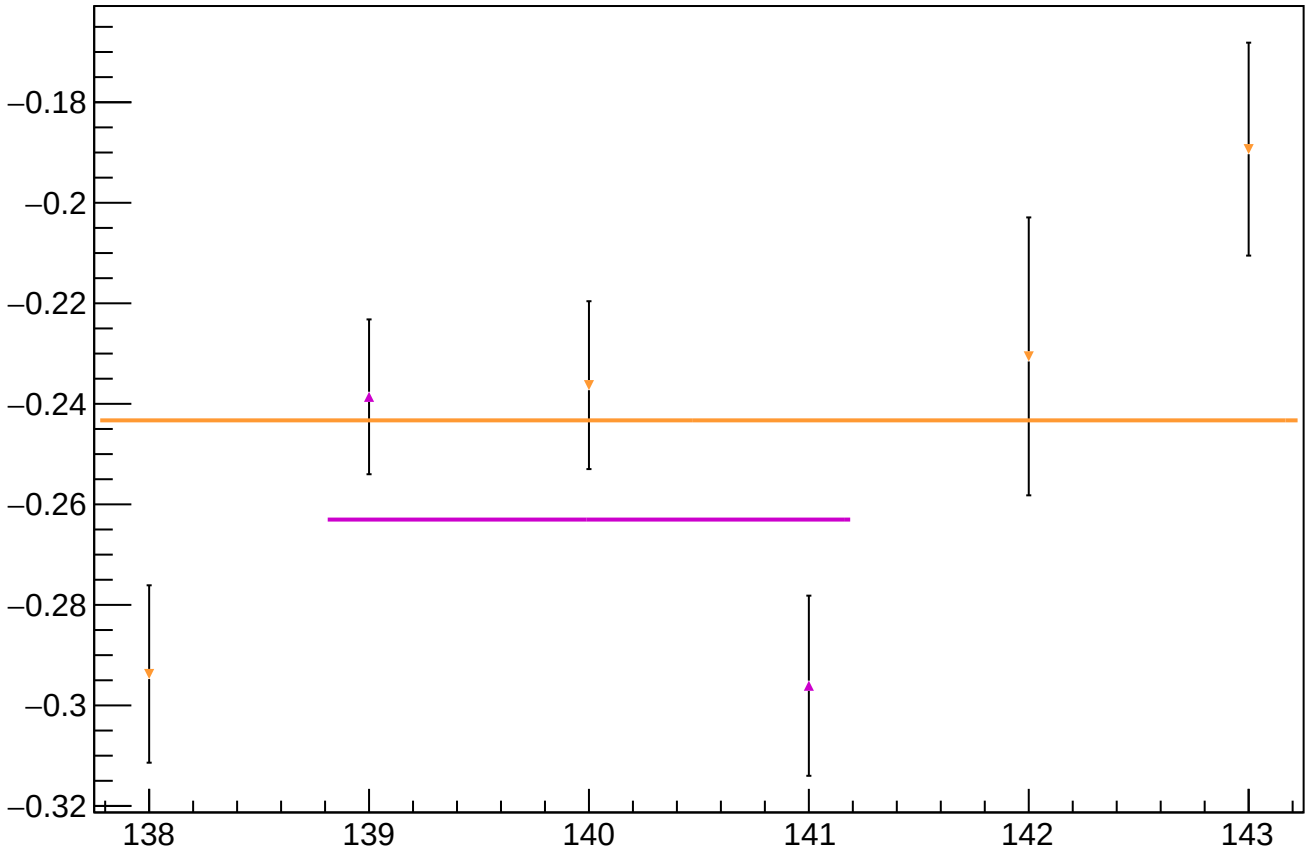
Left In: 43.839+/-0.319 χ^2/NDF:667.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 46.008+/-0.176 χ^2/NDF: 848.3/5

- 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: -0.243+/-0.010 χ^2/NDF:15.1/3

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

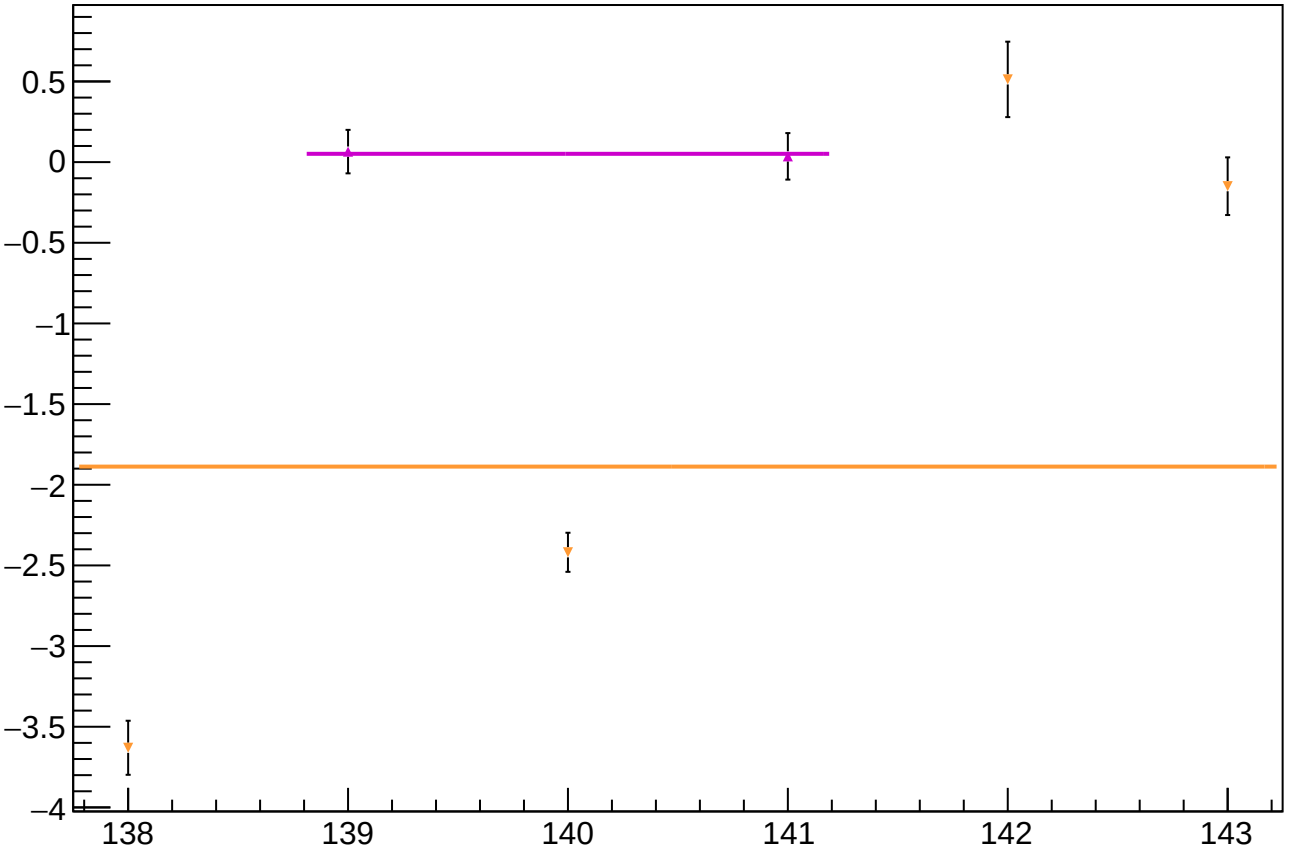
Left In: -0.263+/-0.012 χ^2/NDF:5.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.251+/-0.008 χ^2/NDF: 22.6/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -1.887+/-0.081 χ^2/NDF:327.4/3

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

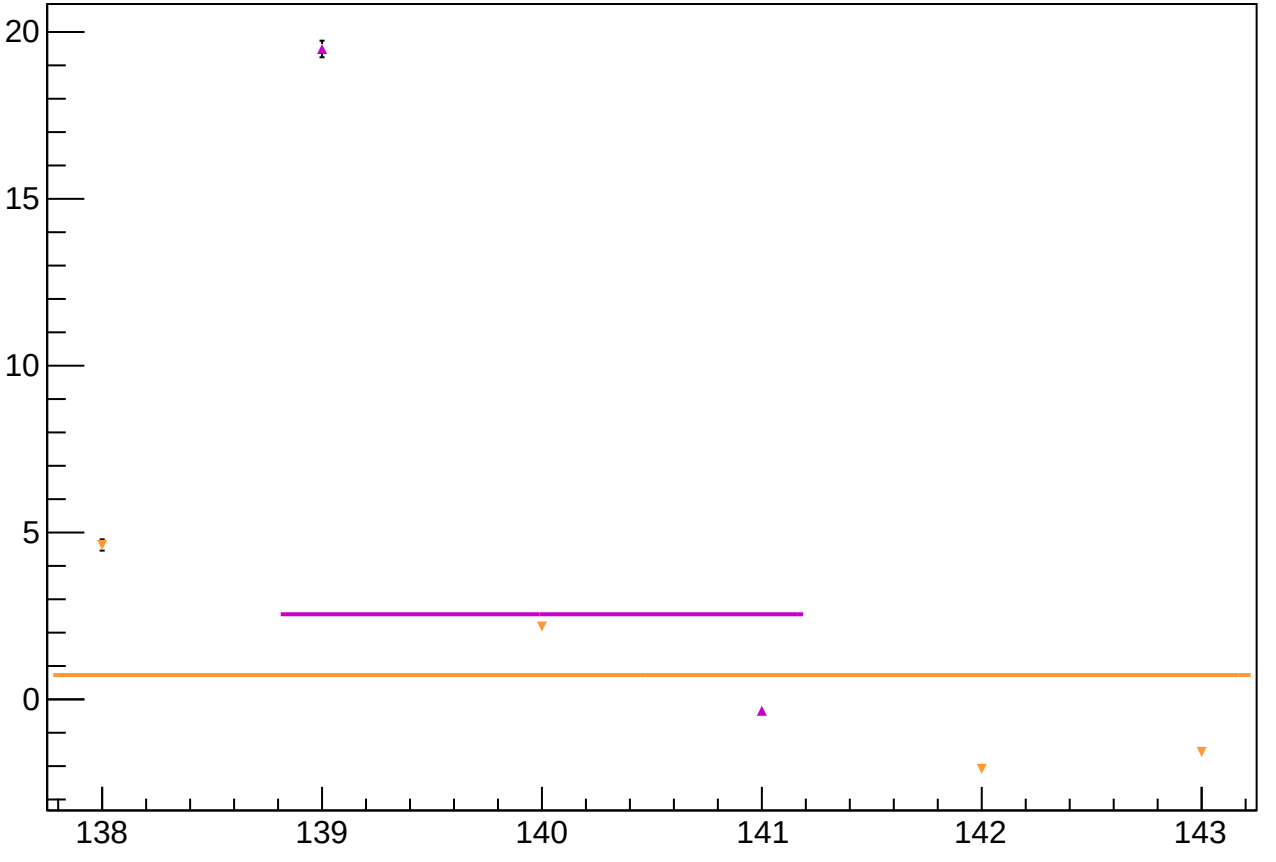
Left In: 0.051+/-0.098 χ^2/NDF:0.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1.108+/-0.062 χ^2/NDF: 559.3/5

- 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: 0.730+/-0.064 χ^2/NDF:1454.3/3

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

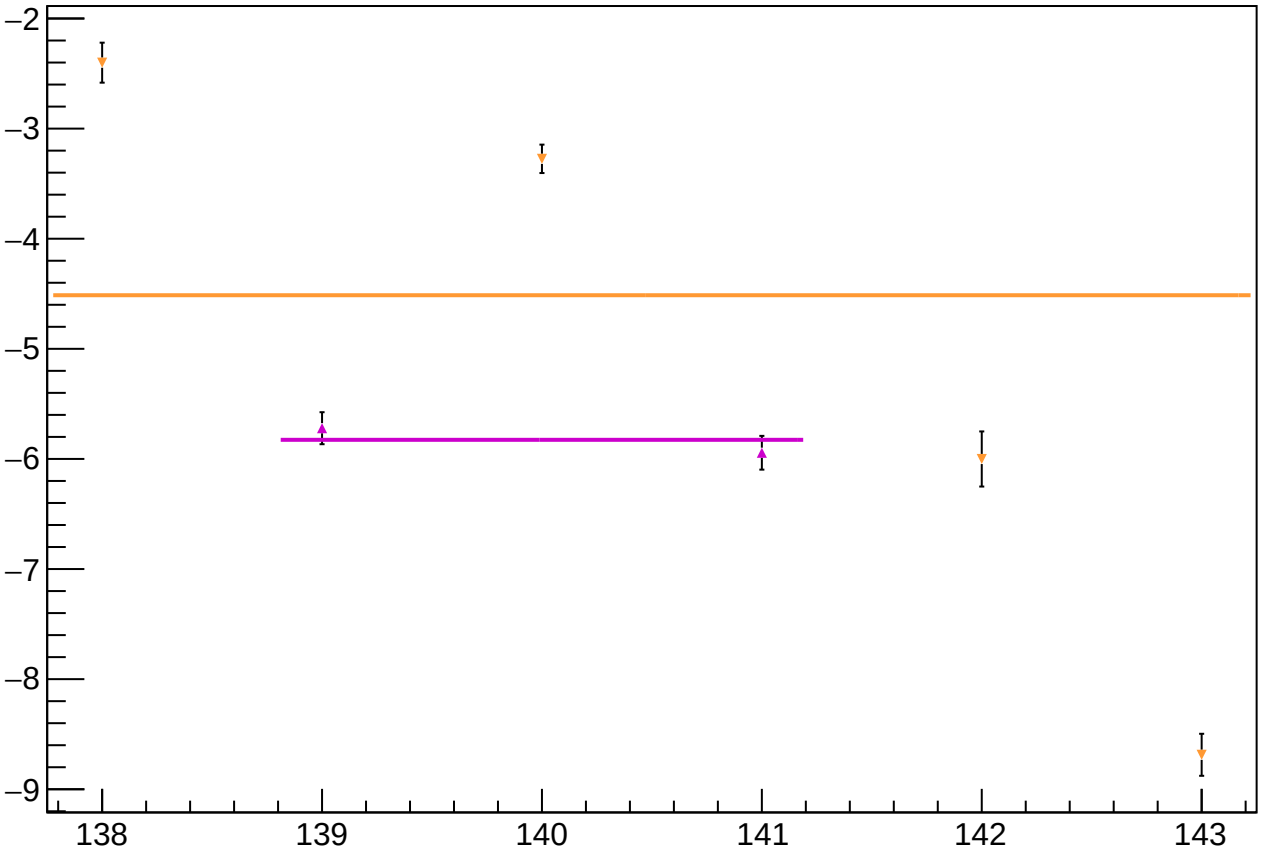
Left In: 2.551+/-0.095 χ^2/NDF:5409.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.294+/-0.053 χ^2/NDF: 7116.9/5

- 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: -4.513+/-0.086 χ^2/NDF:741.4/3

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

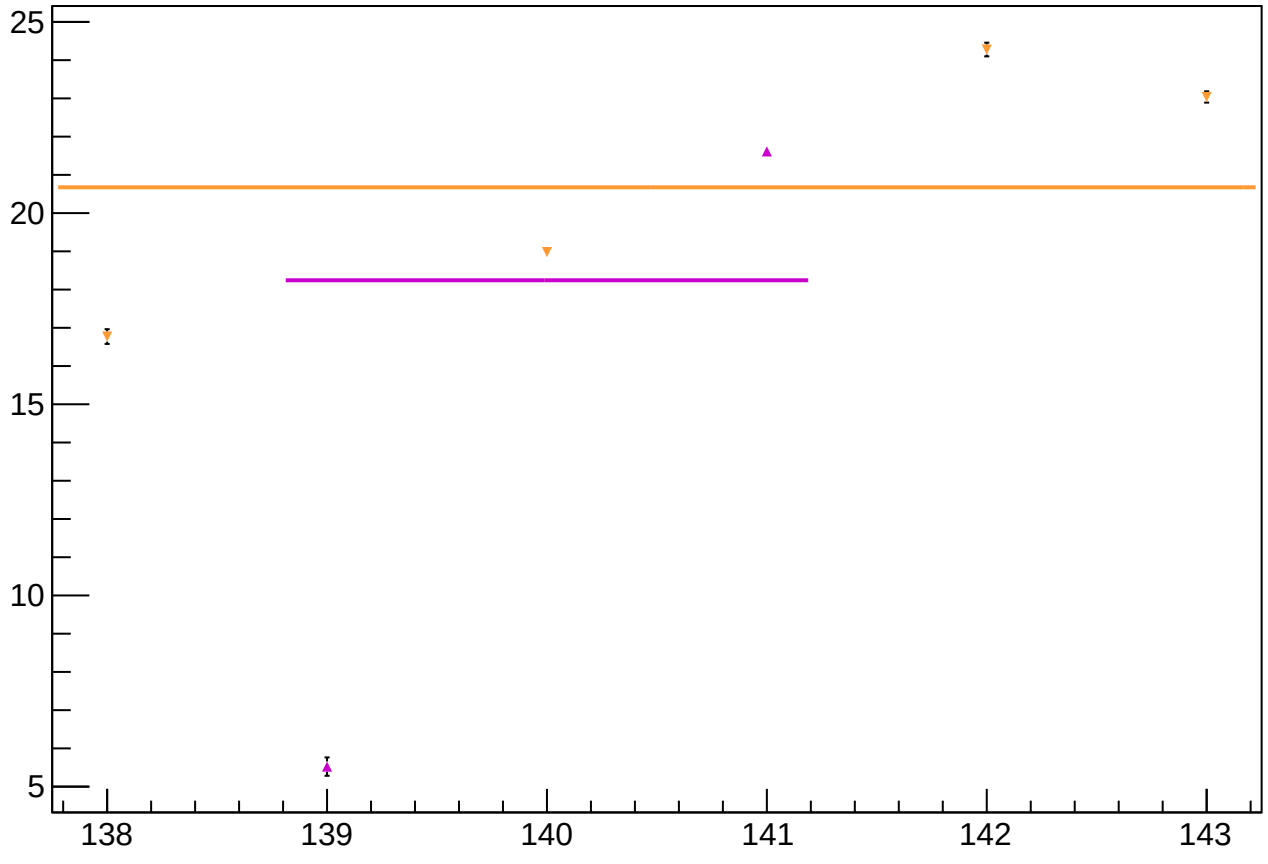
Left In: -5.826+/-0.105 χ^2/NDF:1.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.041+/-0.067 χ^2/NDF: 835.2/5

- 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: 20.675+/-0.076 χ^2/NDF:1265.4/3

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

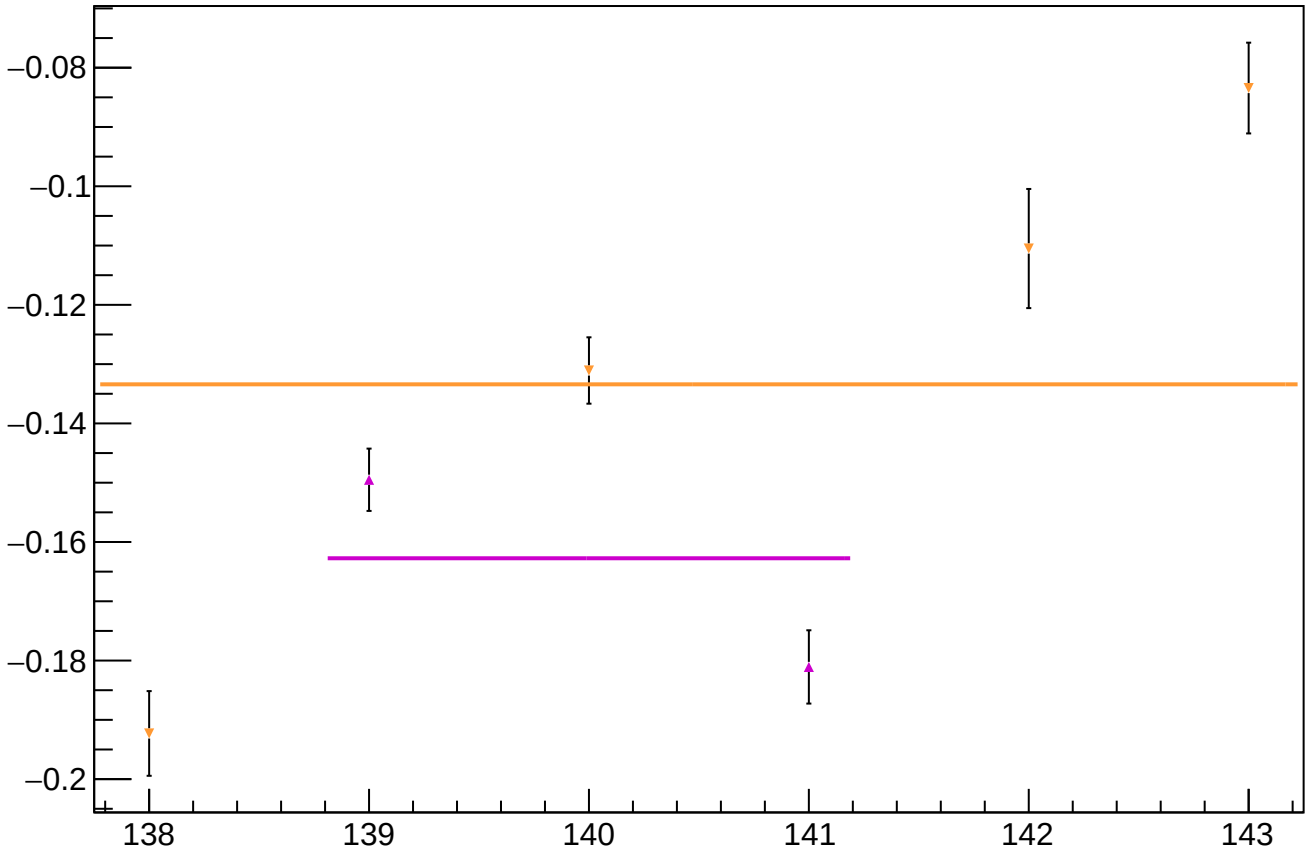
Left In: 18.243+/-0.110 χ^2/NDF:3539.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 19.887+/-0.063 χ^2/NDF: 5134.7/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.133+/-0.004 χ^2/NDF:116.0/3

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

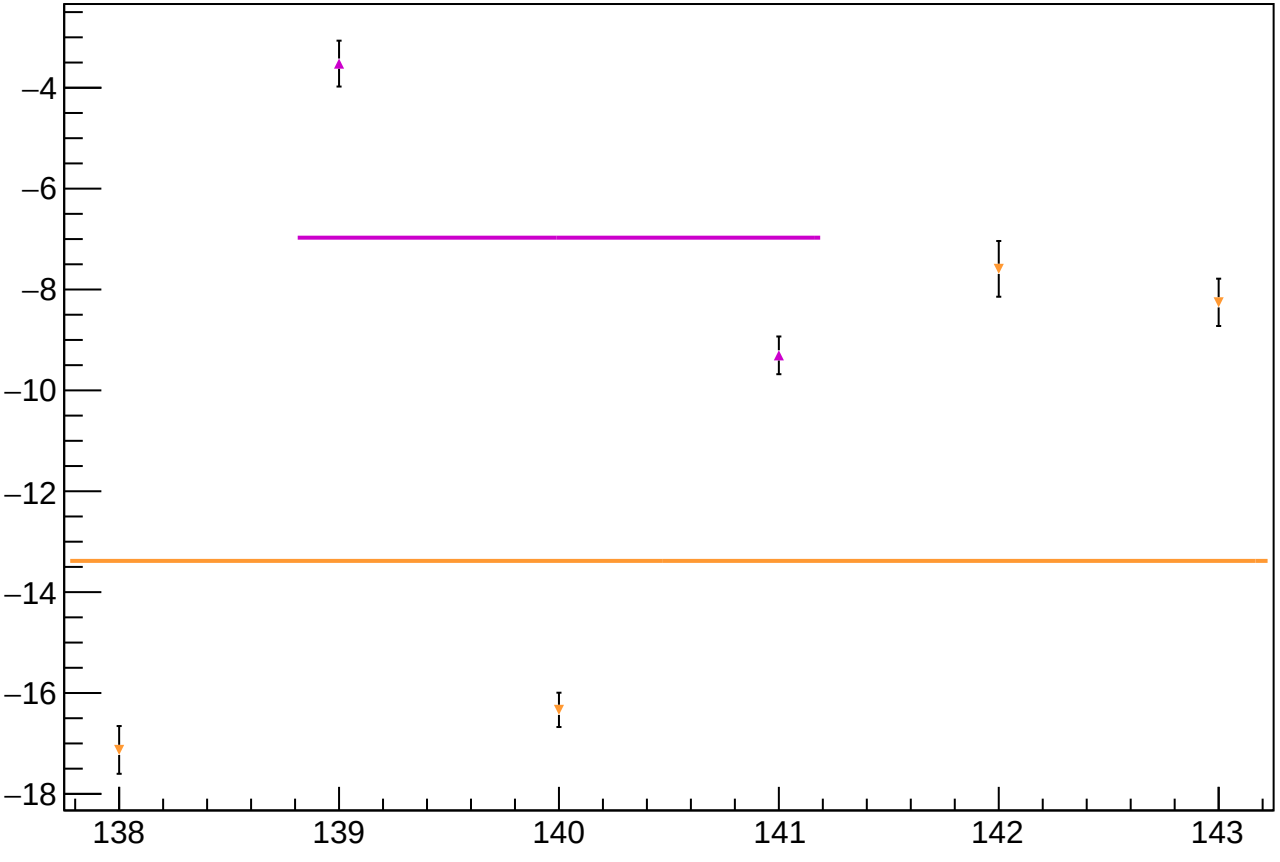
Left In: -0.163+/-0.004 χ^2/NDF:15.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.146+/-0.003 χ^2/NDF: 161.0/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.381+/-0.219 χ^2/NDF:367.3/3

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

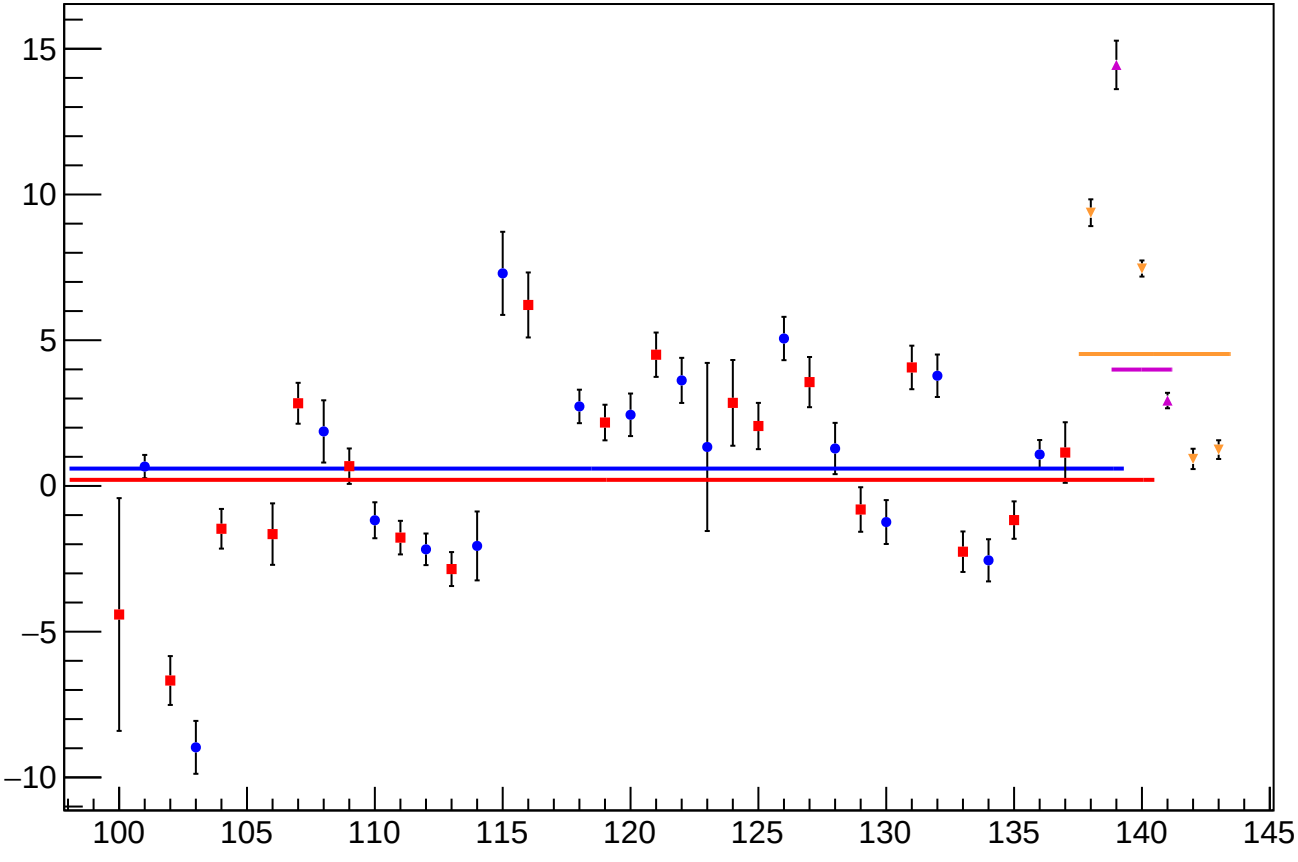
Left In: -6.972+/-0.289 χ^2/NDF:96.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.047+/-0.174 χ^2/NDF: 776.8/5

- 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: 4.527+/-0.167 χ^2/NDF:434.9/3

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

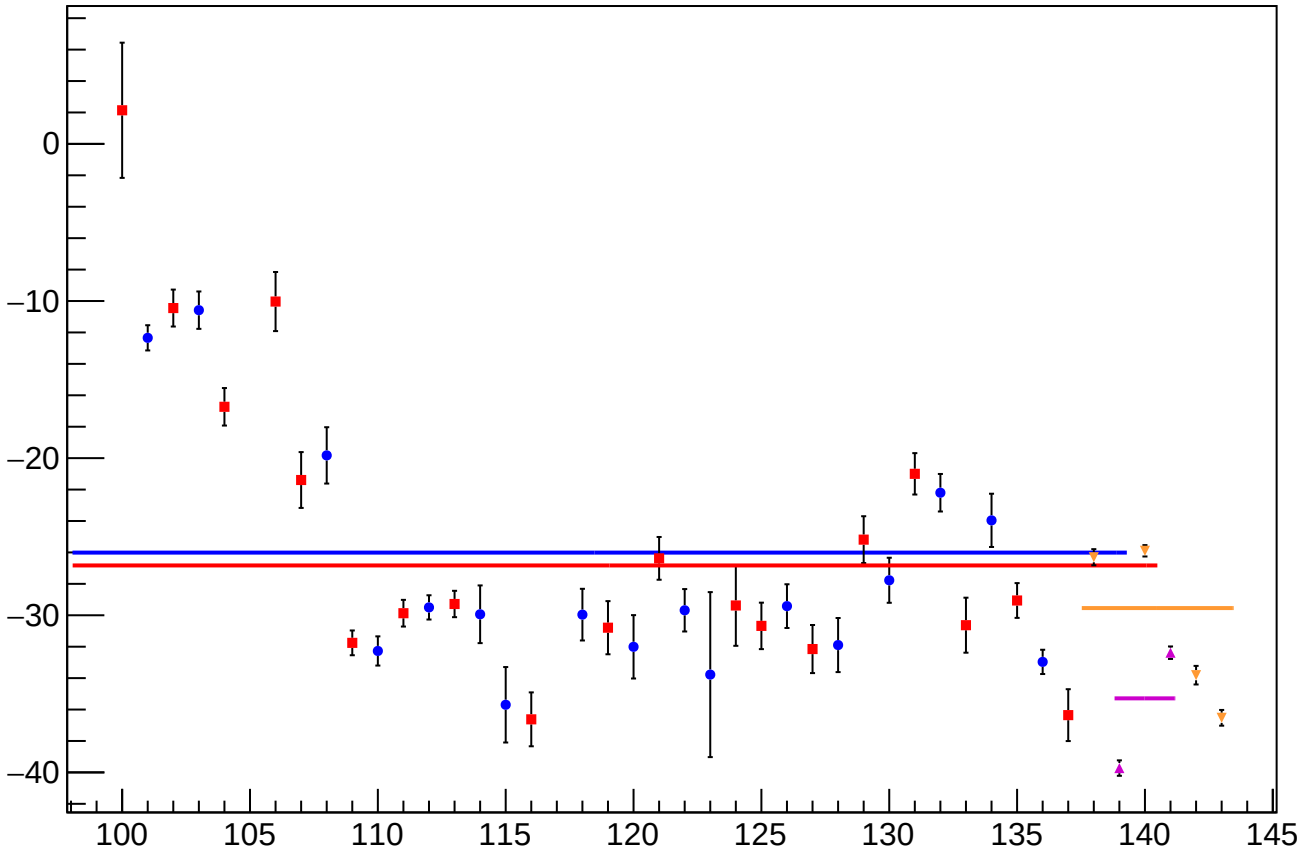
Left In: 3.993+/-0.253 χ^2/NDF:174.1/1

+ sign 2.582+/-0.119 χ^2/NDF: 999.5/20

All: 2.115+/-0.092 χ^2/NDF: 1636.8/41

- sign 1.433+/-0.144 χ^2/NDF: 599.4/20

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -29.542+/-0.234 χ^2/NDF:388.0/3

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

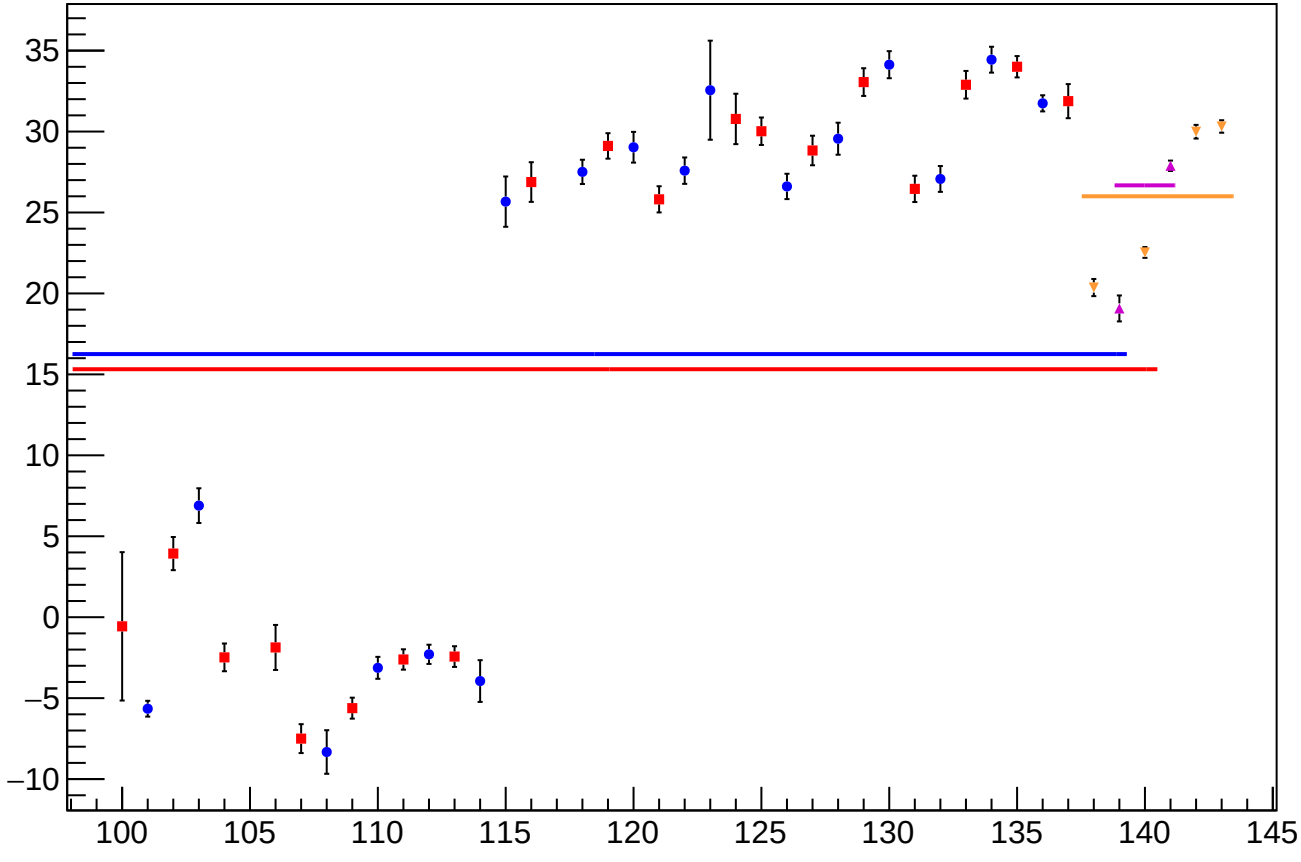
Left In: -35.288+/-0.309 χ^2/NDF:135.0/1

+ sign -28.205+/-0.184 χ^2/NDF: 1167.1/20

All: -29.349+/-0.140 χ^2/NDF: 2363.1/41

- sign -30.897+/-0.214 χ^2/NDF: 1105.4/20

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 26.001+/-0.201 χ^2/NDF:434.1/3

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

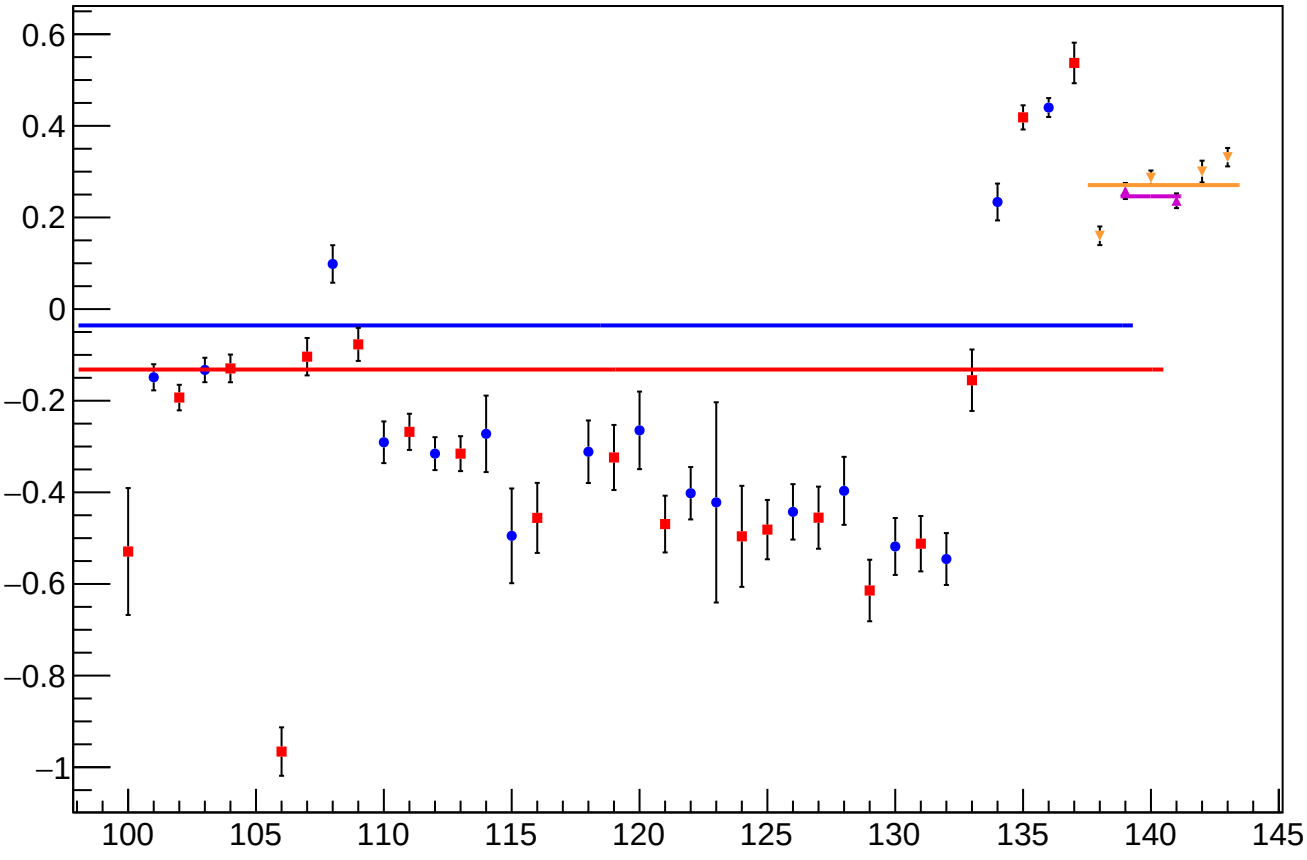
Left In: 26.677+/-0.297 χ^2/NDF:104.3/1

+ sign 20.884+/-0.138 χ^2/NDF: 9282.6/20

All: 20.014+/-0.106 χ^2/NDF: 17778.2/41

- sign 18.789+/-0.164 χ^2/NDF: 8400.3/20

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.271+/-0.010 χ^2/NDF:41.4/3

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

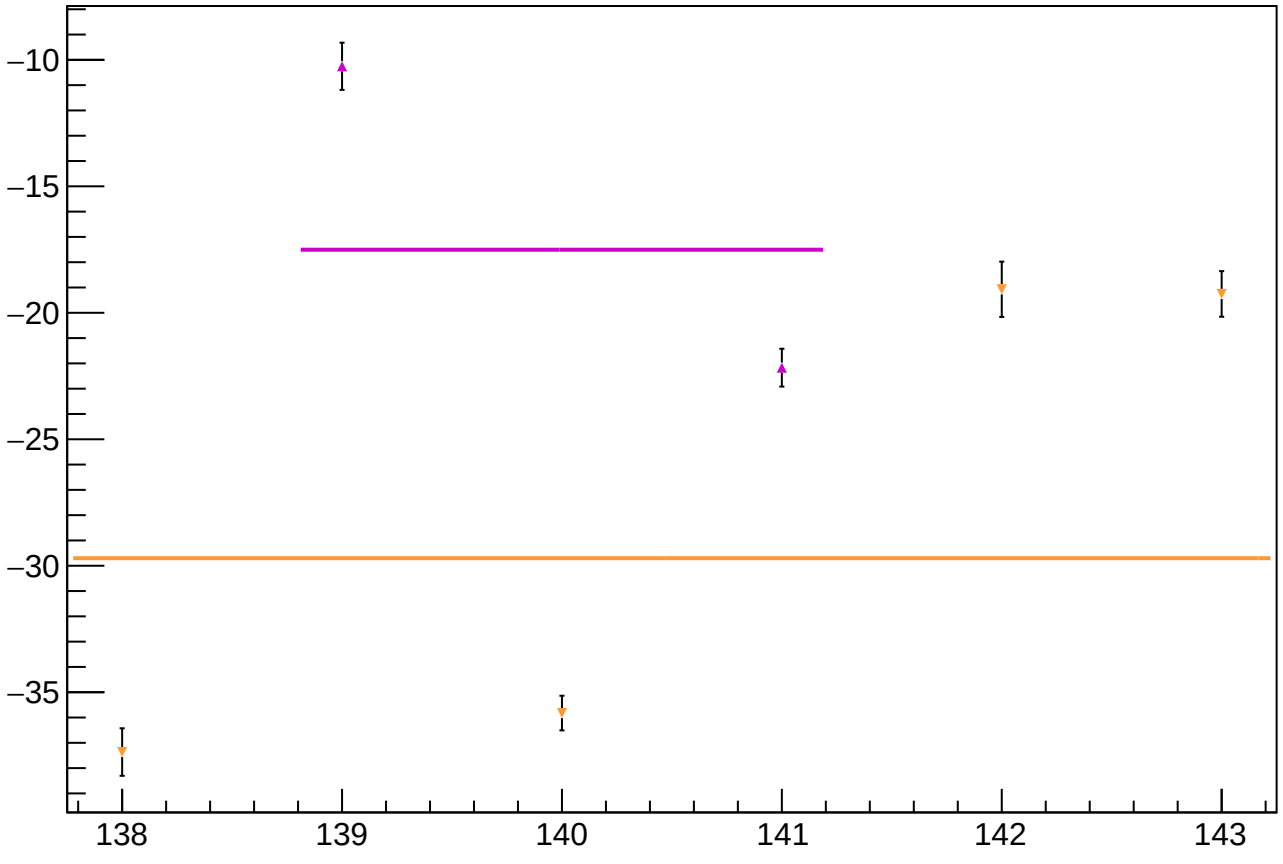
Left In: 0.246+/-0.012 χ^2/NDF:0.8/1

+ sign 0.127+/-0.007 χ^2/NDF: 1525.6/20

All: 0.084+/-0.005 χ^2/NDF: 3357.6/41

- sign 0.032+/-0.008 χ^2/NDF: 1749.7/20

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -29.701+/-0.433 χ^2/NDF:375.2/3

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

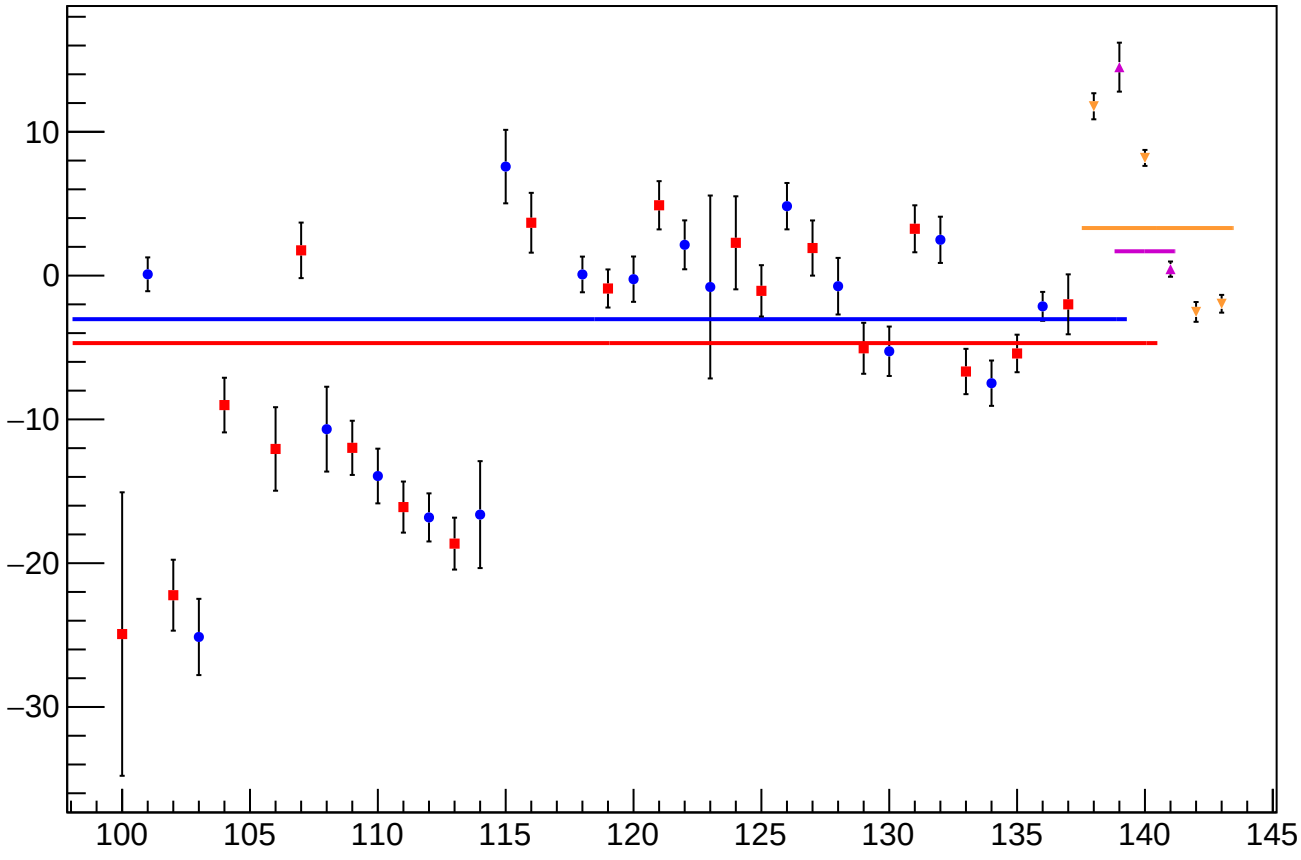
Left In: -17.506+/-0.584 χ^2/NDF:99.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -25.372+/-0.348 χ^2/NDF: 755.9/5

- 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: 3.308+/-0.330 χ^2/NDF:308.9/3

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

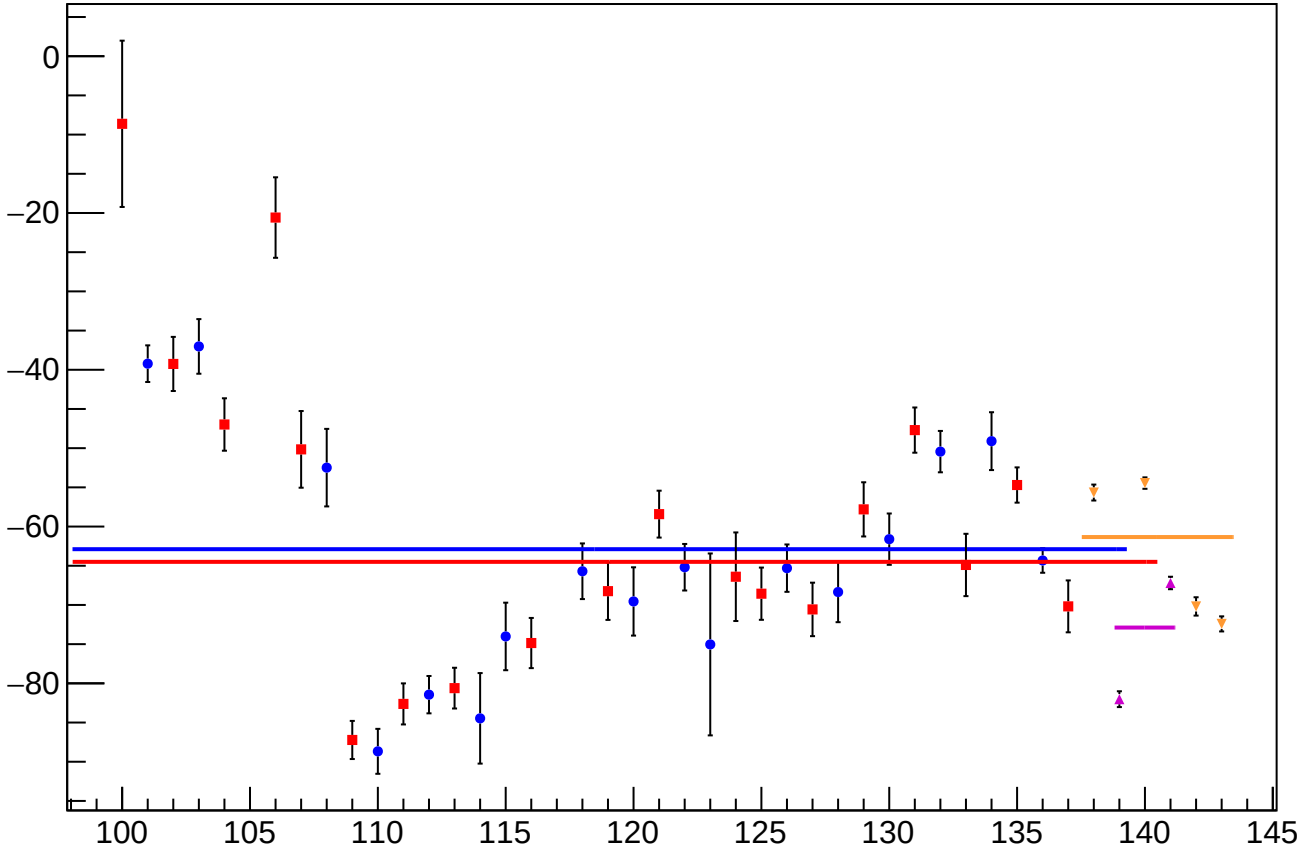
Left In: 1.691+/-0.506 χ^2/NDF:62.0/1

+ sign 0.800+/-0.256 χ^2/NDF: 735.9/20

All: -0.285+/-0.202 χ^2/NDF: 1236.1/41

- sign -2.042+/-0.326 χ^2/NDF: 453.4/20

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -61.338+/-0.463 χ^2/NDF:309.9/3

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

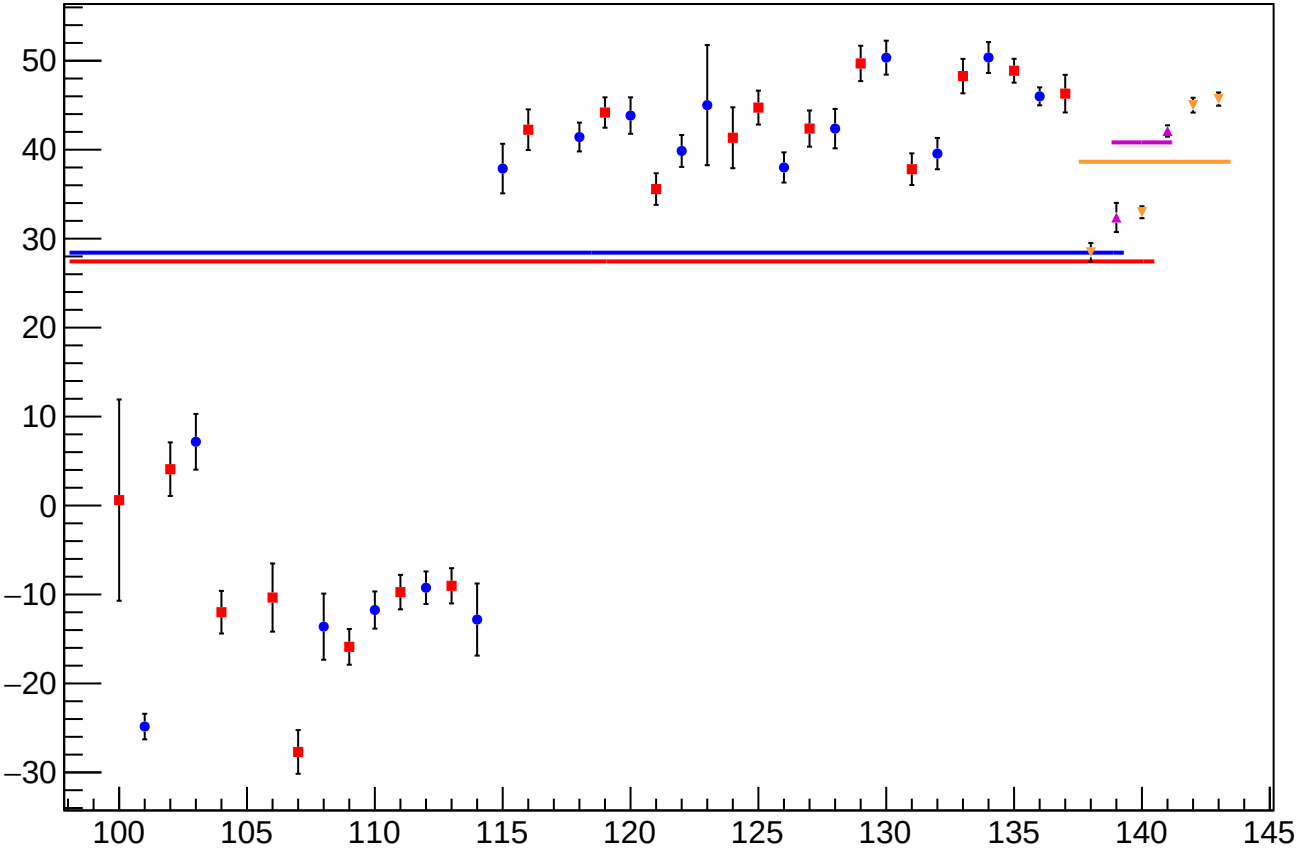
Left In: -72.885+/-0.625 χ^2/NDF:133.1/1

+ sign -61.776+/-0.392 χ^2/NDF: 681.8/20

All: -64.851+/-0.304 χ^2/NDF: 1486.0/41

- sign -69.458+/-0.480 χ^2/NDF: 650.8/20

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 38.644+/-0.396 χ^2/NDF:313.5/3

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

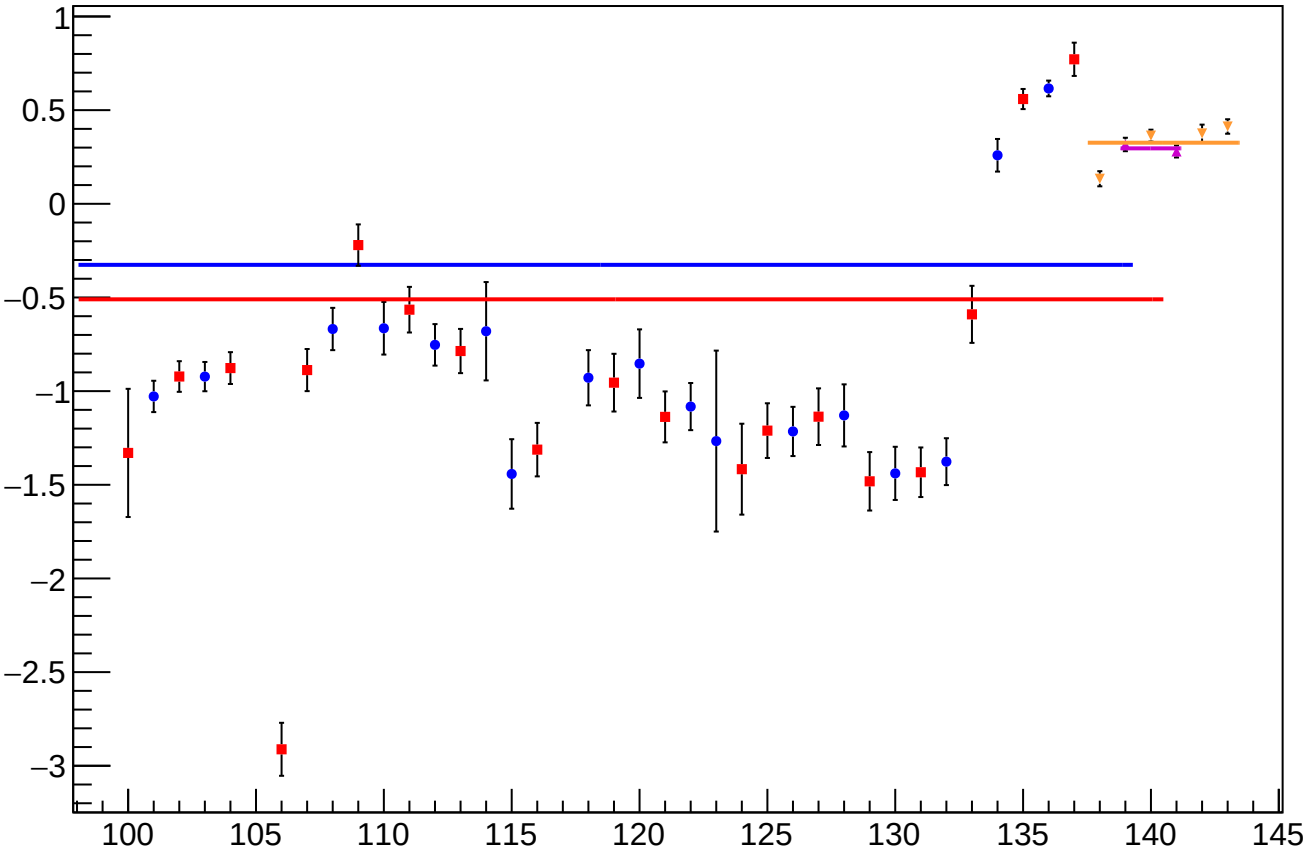
Left In: 40.819+/-0.596 χ^2/NDF:30.5/1

+ sign 34.259+/-0.299 χ^2/NDF: 3929.1/20

All: 33.644+/-0.234 χ^2/NDF: 7309.8/41

- sign 32.688+/-0.373 χ^2/NDF: 3369.8/20

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.326+/-0.019 χ^2/NDF:30.2/3

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

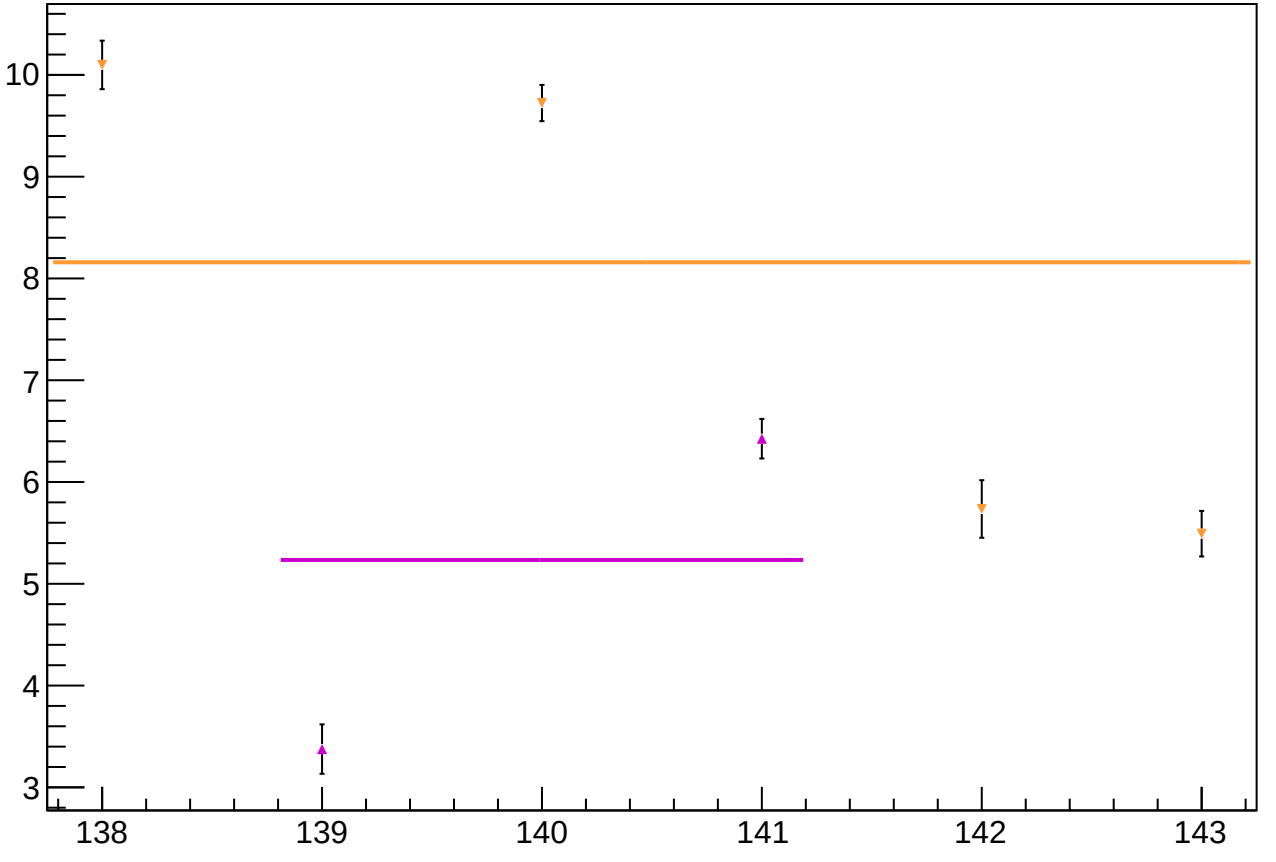
Left In: 0.296+/-0.024 χ^2/NDF:0.6/1

+ sign 0.084+/-0.015 χ^2/NDF: 1473.9/20

All: 0.014+/-0.011 χ^2/NDF: 3219.2/41

- sign -0.079+/-0.018 χ^2/NDF: 1696.3/20

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: 8.159+/-0.111 χ^2/NDF:358.8/3

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

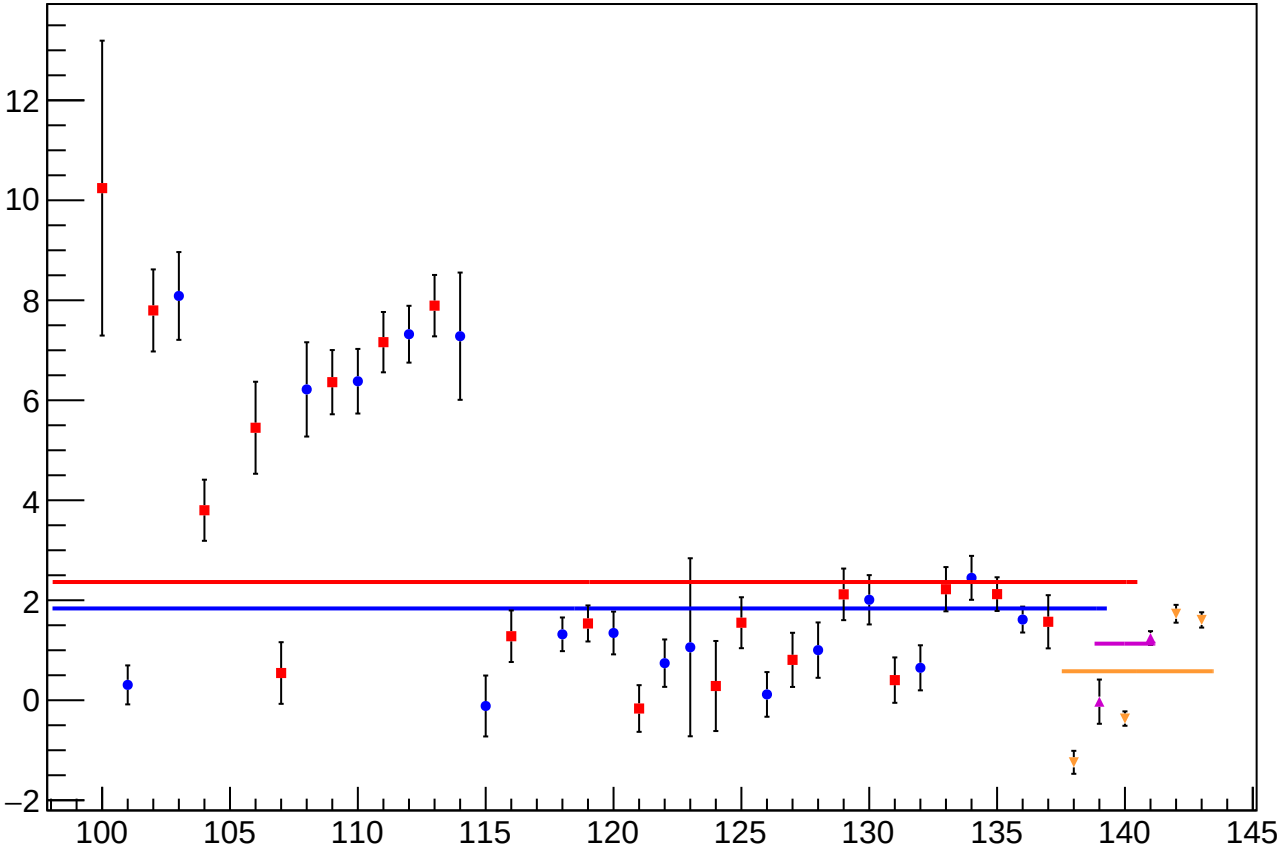
Left In: 5.234+/-0.152 χ^2/NDF:96.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.144+/-0.089 χ^2/NDF: 697.3/5

- 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: 0.580+/-0.084 χ^2/NDF:192.6/3

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

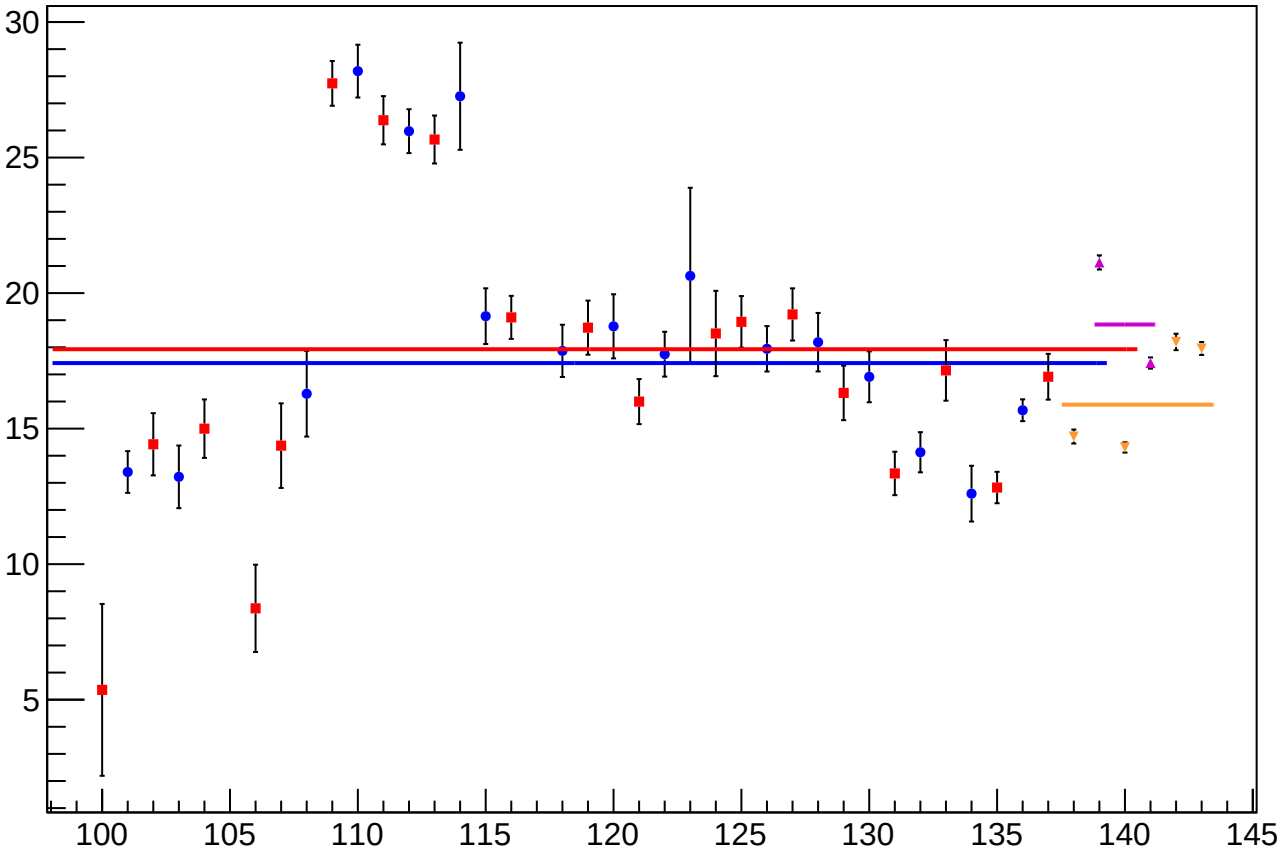
Left In: 1.132+/-0.131 χ^2/NDF:7.6/1

+ sign 1.013+/-0.068 χ^2/NDF: 564.2/20

All: 1.298+/-0.054 χ^2/NDF: 1003.0/41

- sign 1.791+/-0.090 χ^2/NDF: 391.0/20

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: 15.884+/-0.118 χ^2/NDF:223.7/3

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

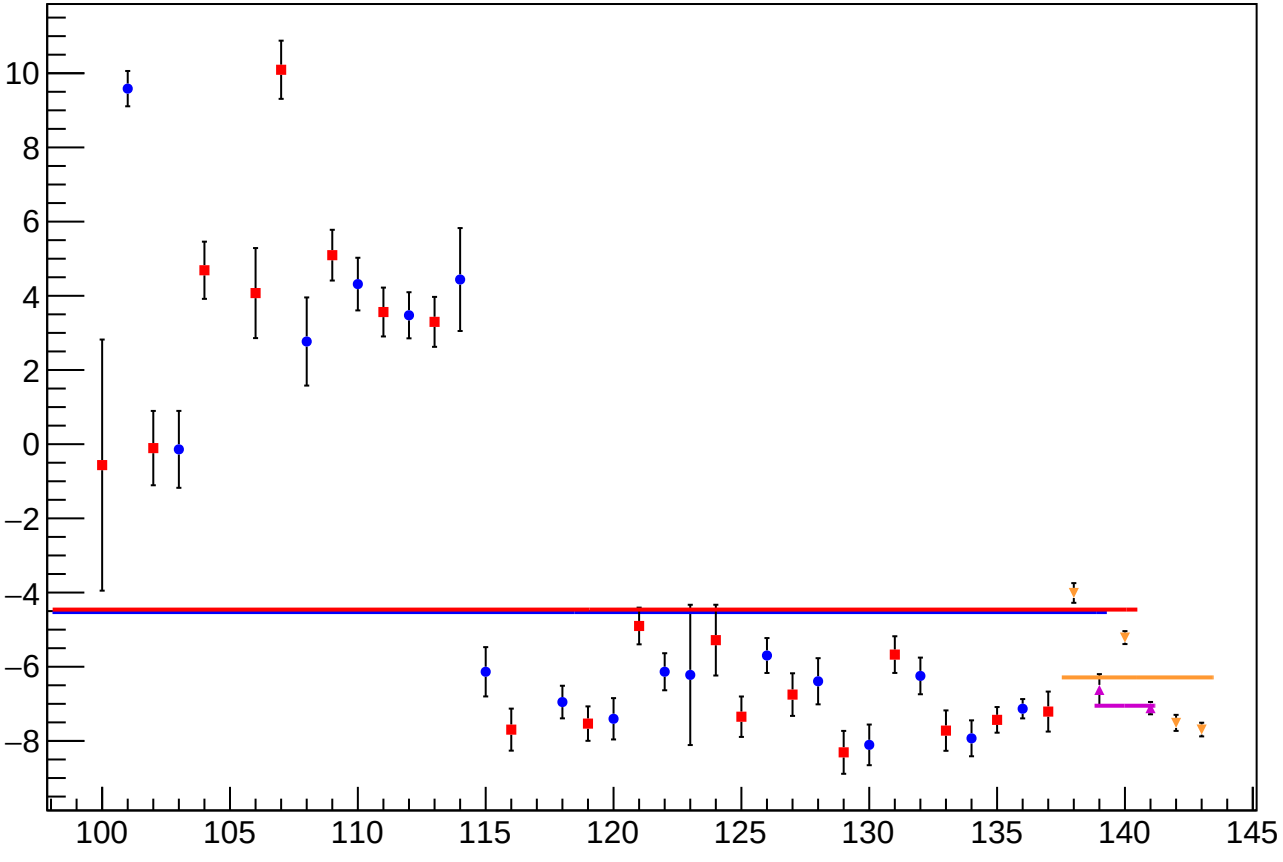
Left In: 18.840+/-0.162 χ^2/NDF:123.4/1

+ sign 16.250+/-0.103 χ^2/NDF: 630.5/20

All: 17.124+/-0.081 χ^2/NDF: 1456.9/41

- sign 18.517+/-0.130 χ^2/NDF: 640.9/20

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: -6.288+/-0.101 χ^2/NDF:201.5/3

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

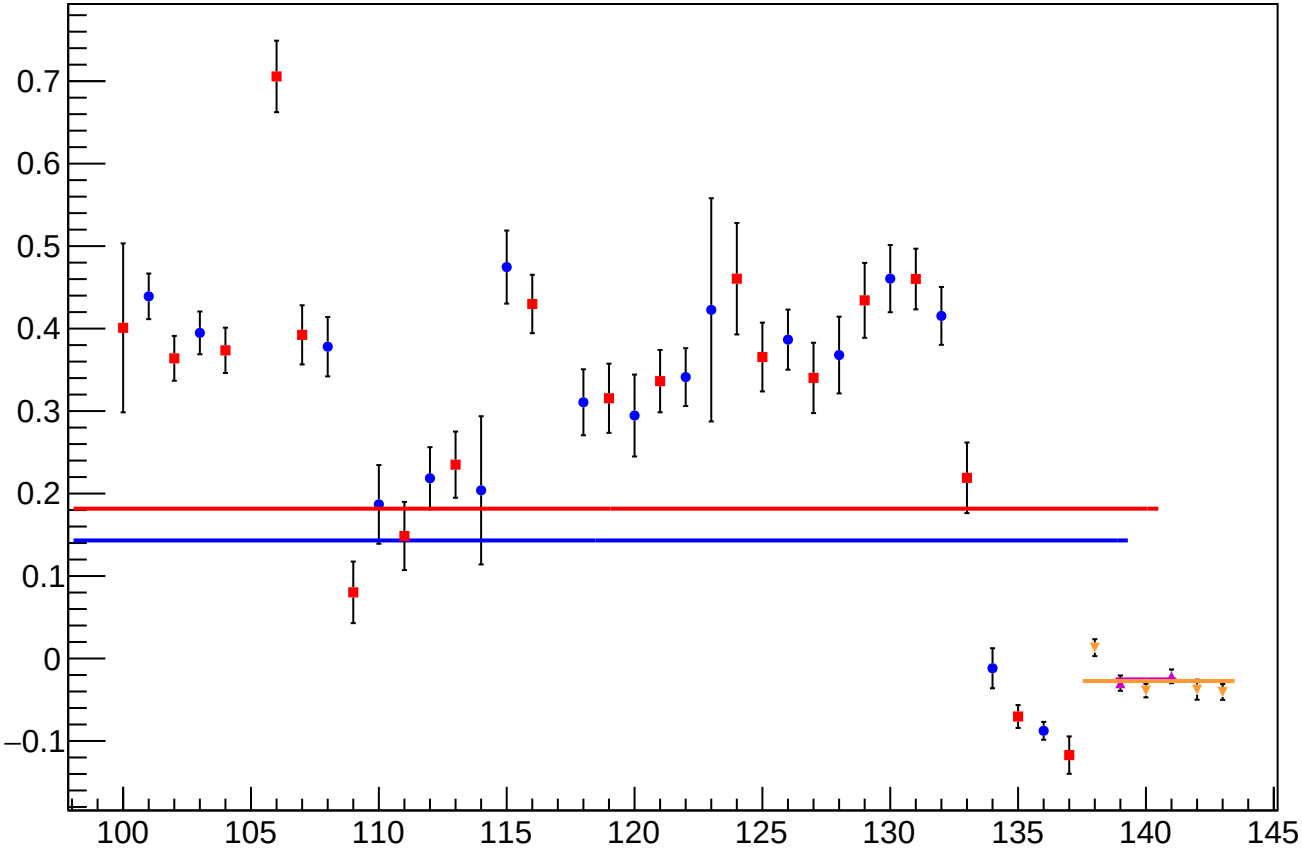
Left In: -7.051+/-0.155 χ^2/NDF:1.1/1

+ sign -5.621+/-0.080 χ^2/NDF: 1906.6/20

All: -5.612+/-0.063 χ^2/NDF: 3403.9/41

- sign -5.597+/-0.103 χ^2/NDF: 1497.3/20

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: -0.027+/-0.005 χ^2/NDF:20.2/3

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

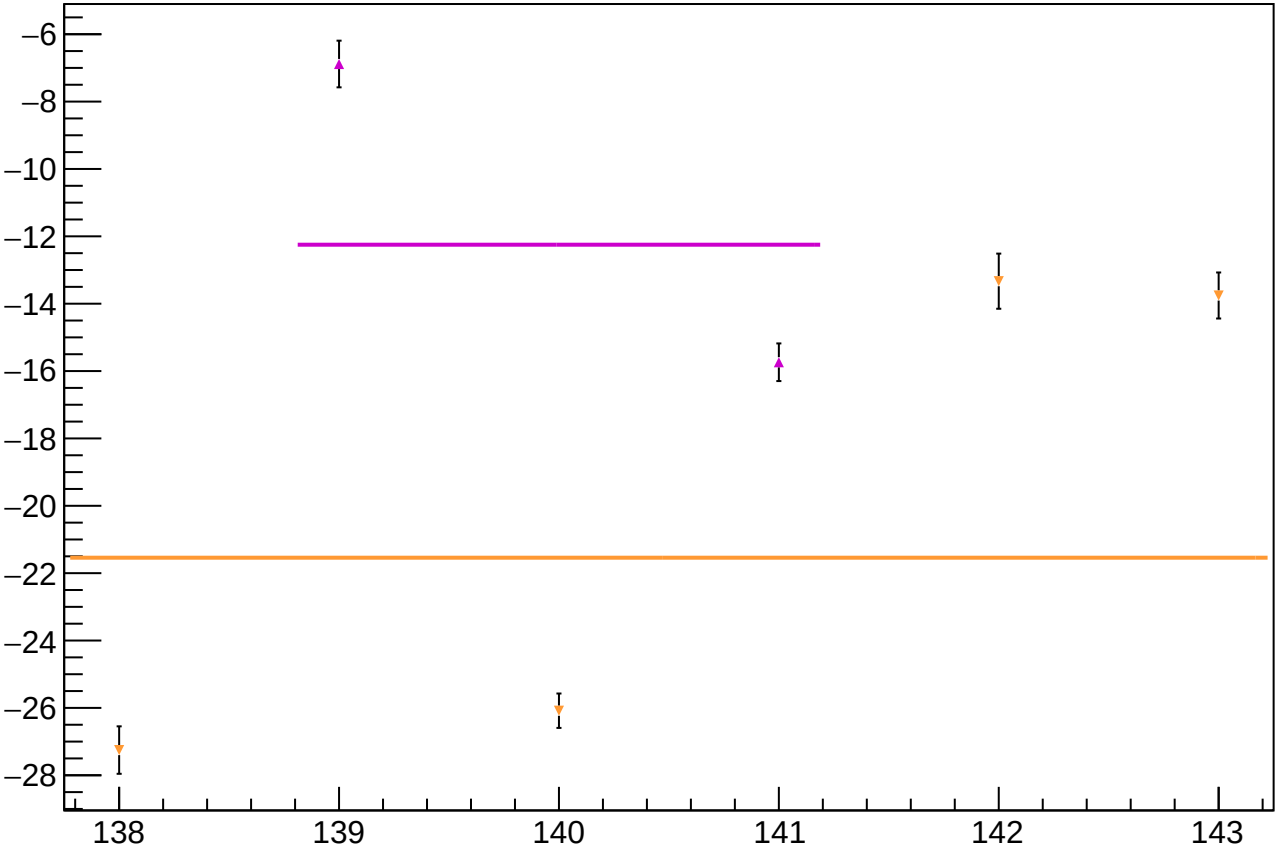
Left In: -0.025+/-0.006 χ^2/NDF:0.4/1

+ sign 0.028+/-0.004 χ^2/NDF: 1474.8/20

All: 0.042+/-0.003 χ^2/NDF: 2969.2/41

- sign 0.061+/-0.005 χ^2/NDF: 1467.1/20

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -21.541+/-0.325 χ^2/NDF:375.3/3

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

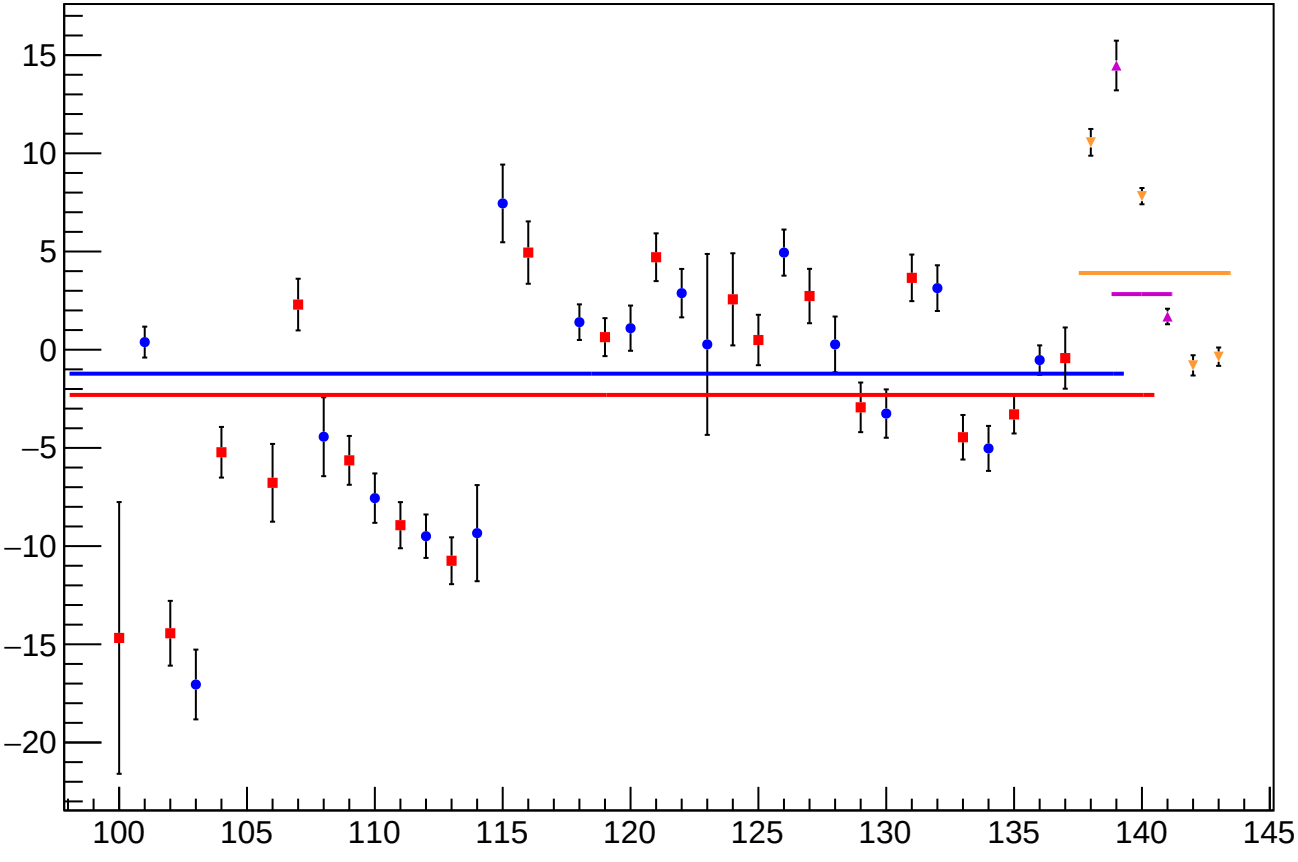
Left In: -12.249+/-0.435 χ^2/NDF:99.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -18.215+/-0.260 χ^2/NDF: 767.4/5

- 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: 3.907+/-0.248 χ^2/NDF:350.9/3

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

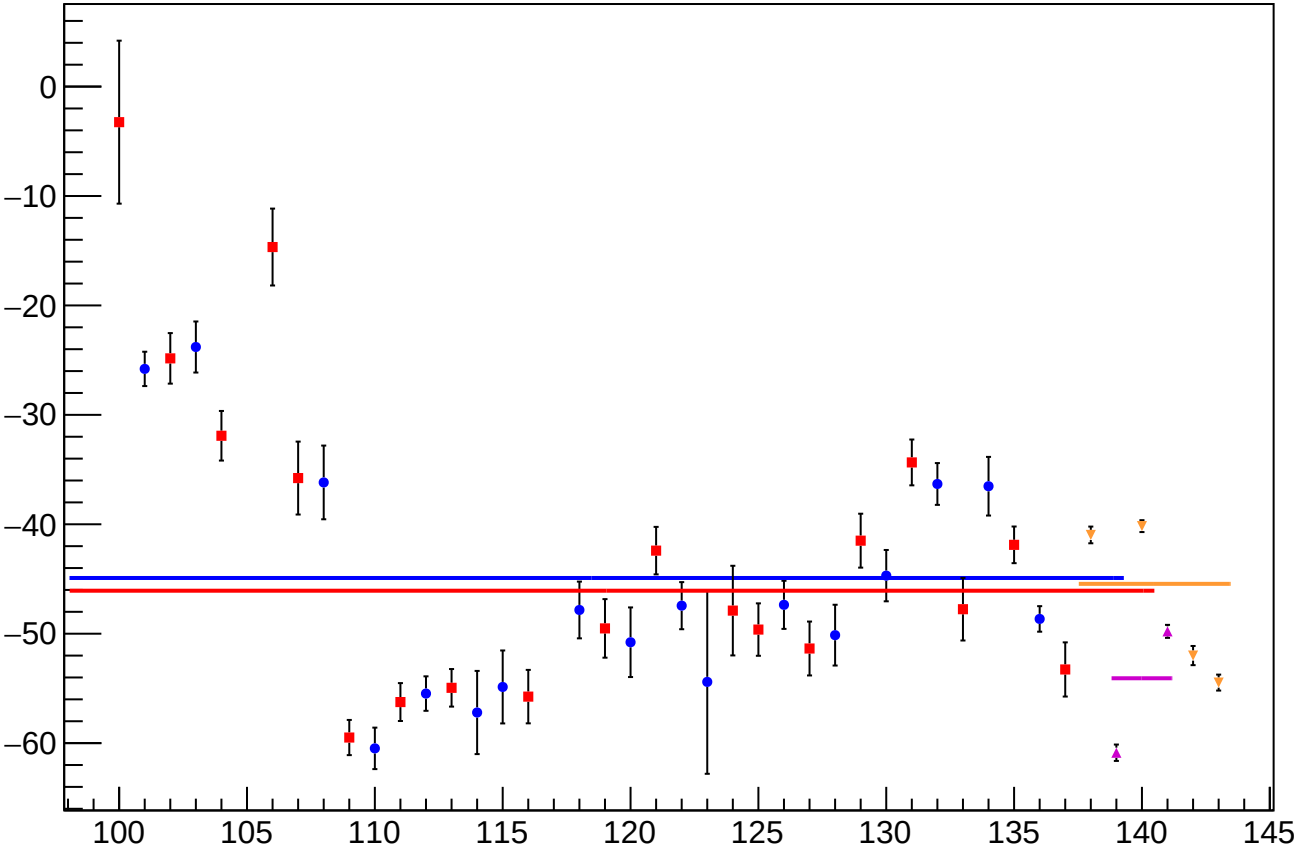
Left In: 2.832+/-0.378 χ^2/NDF:93.0/1

+ sign 1.745+/-0.188 χ^2/NDF: 810.3/20

All: 0.951+/-0.147 χ^2/NDF: 1347.7/41

- sign -0.297+/-0.236 χ^2/NDF: 491.7/20

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -45.444+/-0.347 χ^2/NDF:337.6/3

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

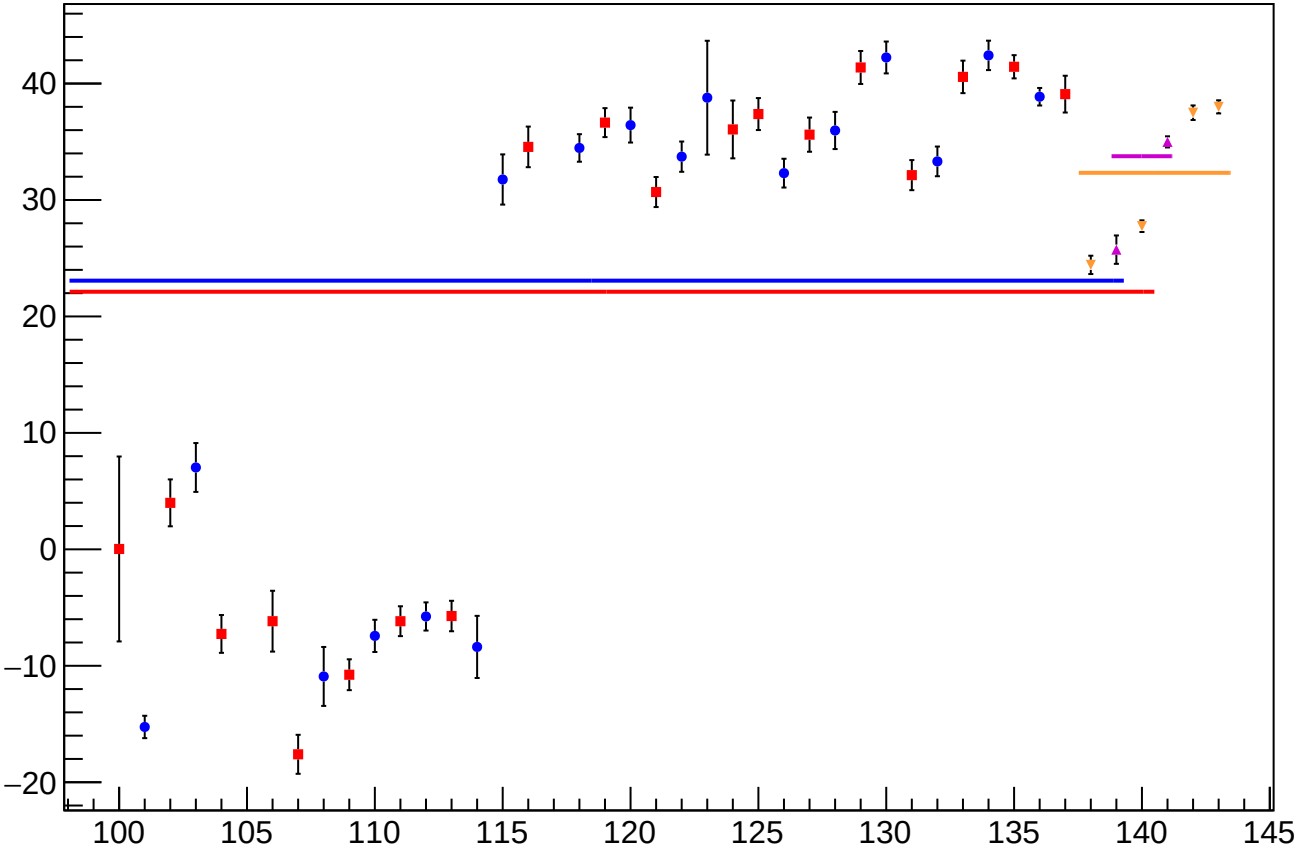
Left In: -54.073+/-0.465 χ^2/NDF:134.7/1

+ sign -45.280+/-0.289 χ^2/NDF: 759.5/20

All: -47.436+/-0.223 χ^2/NDF: 1613.8/41

- sign -50.576+/-0.349 χ^2/NDF: 717.9/20

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 32.334+/-0.297 χ^2/NDF:353.7/3

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

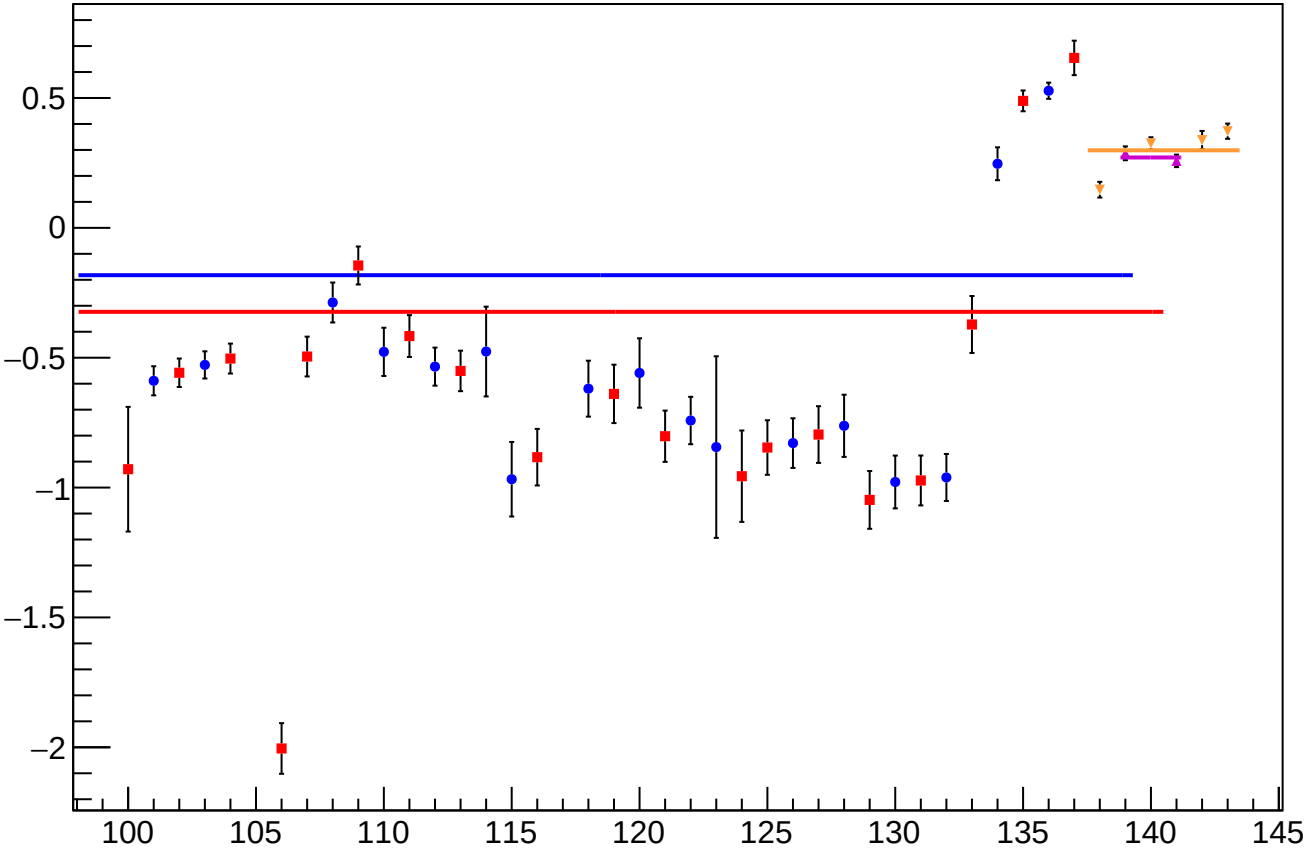
Left In: 33.759+/-0.445 χ^2/NDF:50.0/1

+ sign 28.128+/-0.220 χ^2/NDF: 5140.2/20

All: 27.445+/-0.170 χ^2/NDF: 9681.2/41

- sign 26.414+/-0.270 χ^2/NDF: 4516.8/20

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.299+/-0.014 χ^2/NDF:33.9/3

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

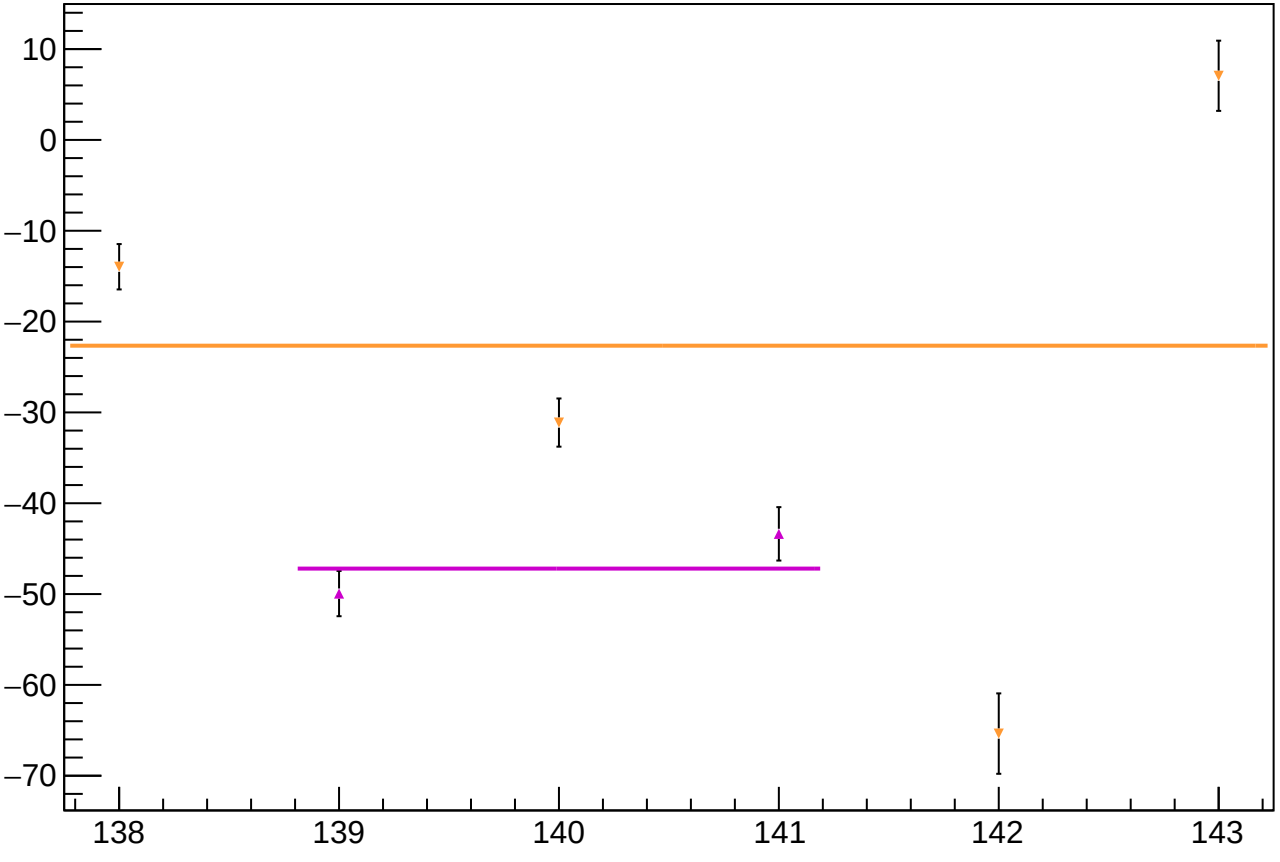
Left In: 0.271+/-0.018 χ^2/NDF:0.7/1

+ sign 0.108+/-0.011 χ^2/NDF: 1476.1/20

All: 0.052+/-0.008 χ^2/NDF: 3264.1/41

- sign -0.021+/-0.013 χ^2/NDF: 1730.1/20

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -22.654+/-1.542 χ^2/NDF:174.5/3

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

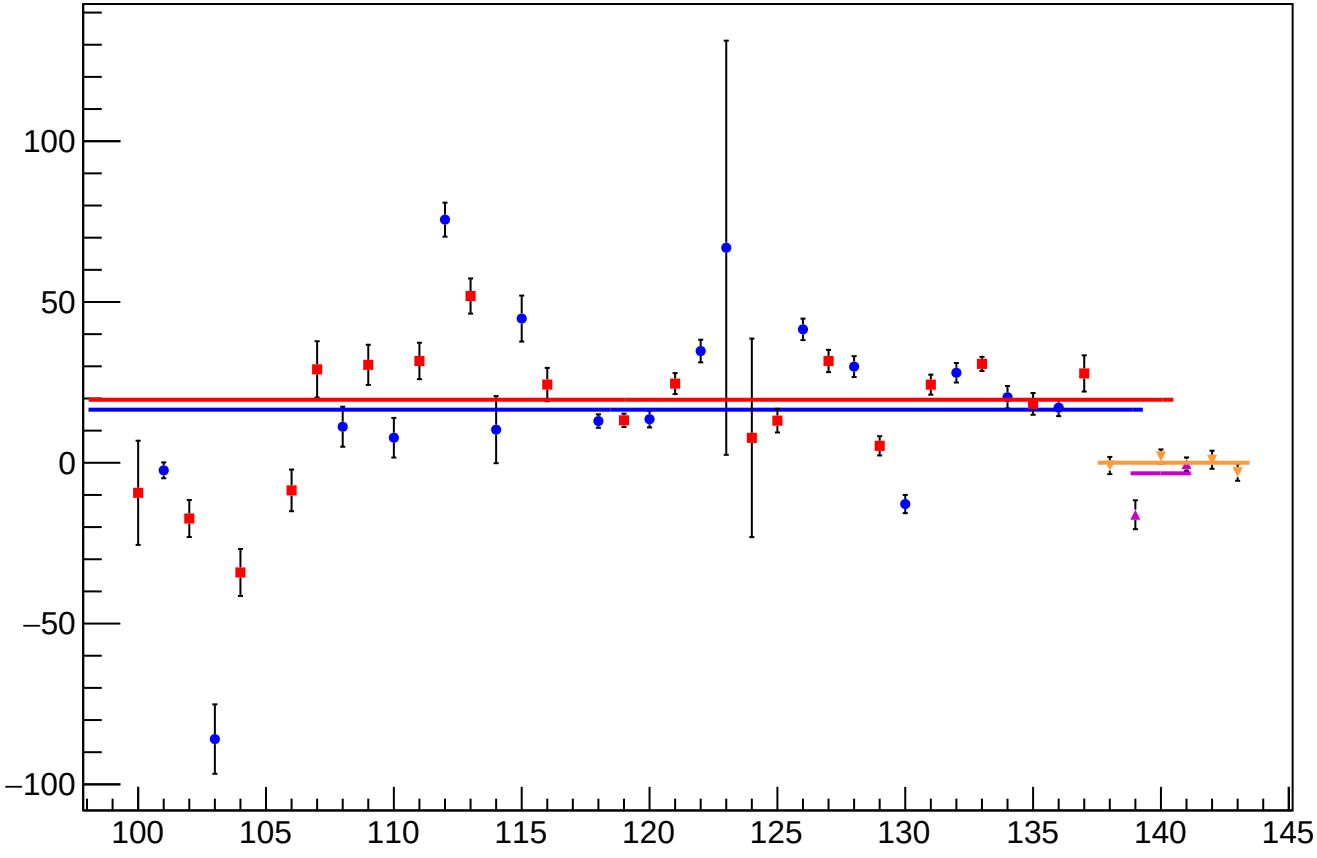
Left In: -47.195+/-1.902 χ^2/NDF:2.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.392+/-1.198 χ^2/NDF: 277.9/5

- 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: 0.011+/-1.276 χ^2/NDF:2.2/3

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

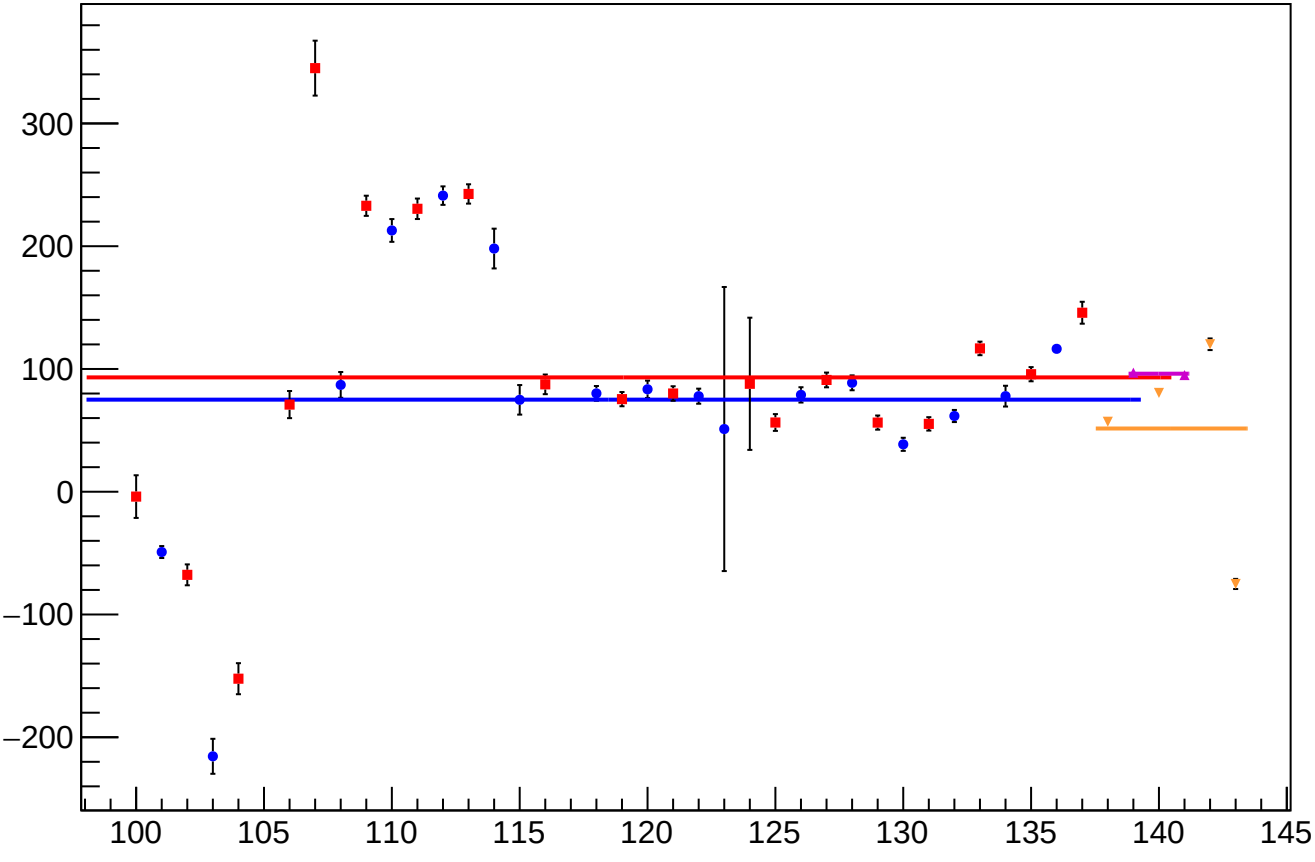
Left In: -3.272+/-1.909 χ^2/NDF:10.0/1

+ sign 11.459+/-0.706 χ^2/NDF: 637.9/20

All: 13.177+/-0.533 χ^2/NDF: 1021.3/41

- sign 15.455+/-0.813 χ^2/NDF: 369.6/20

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 51.503+/-1.656 χ^2/NDF:1261.0/3

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

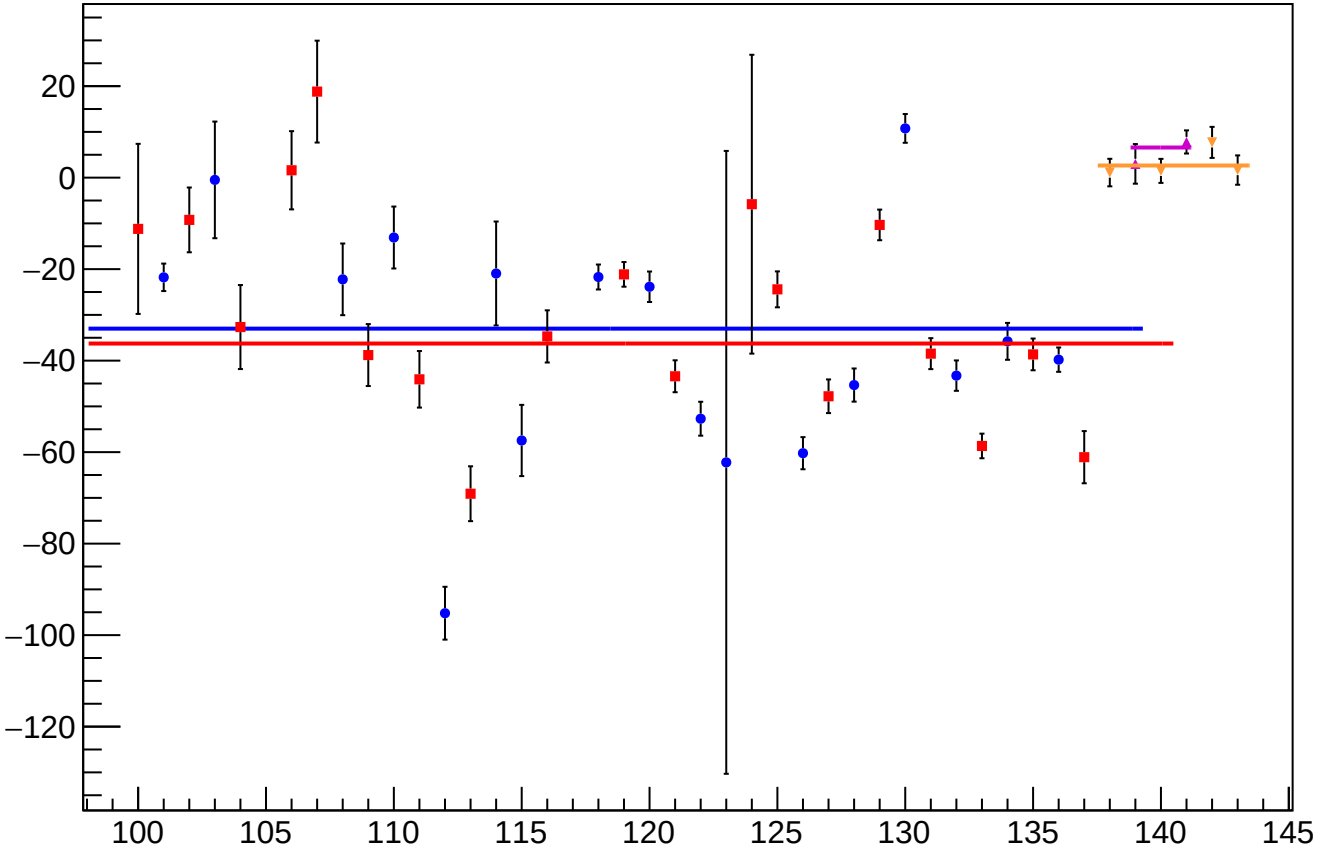
Left In: 96.157+/-2.043 χ^2/NDF:0.2/1

+ sign 63.398+/-1.164 χ^2/NDF: 3362.3/20

All: 77.044+/-0.871 χ^2/NDF: 5678.4/41

- sign 94.384+/-1.312 χ^2/NDF: 2003.8/20

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: 2.655+/-1.508 χ^2/NDF:2.8/3

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

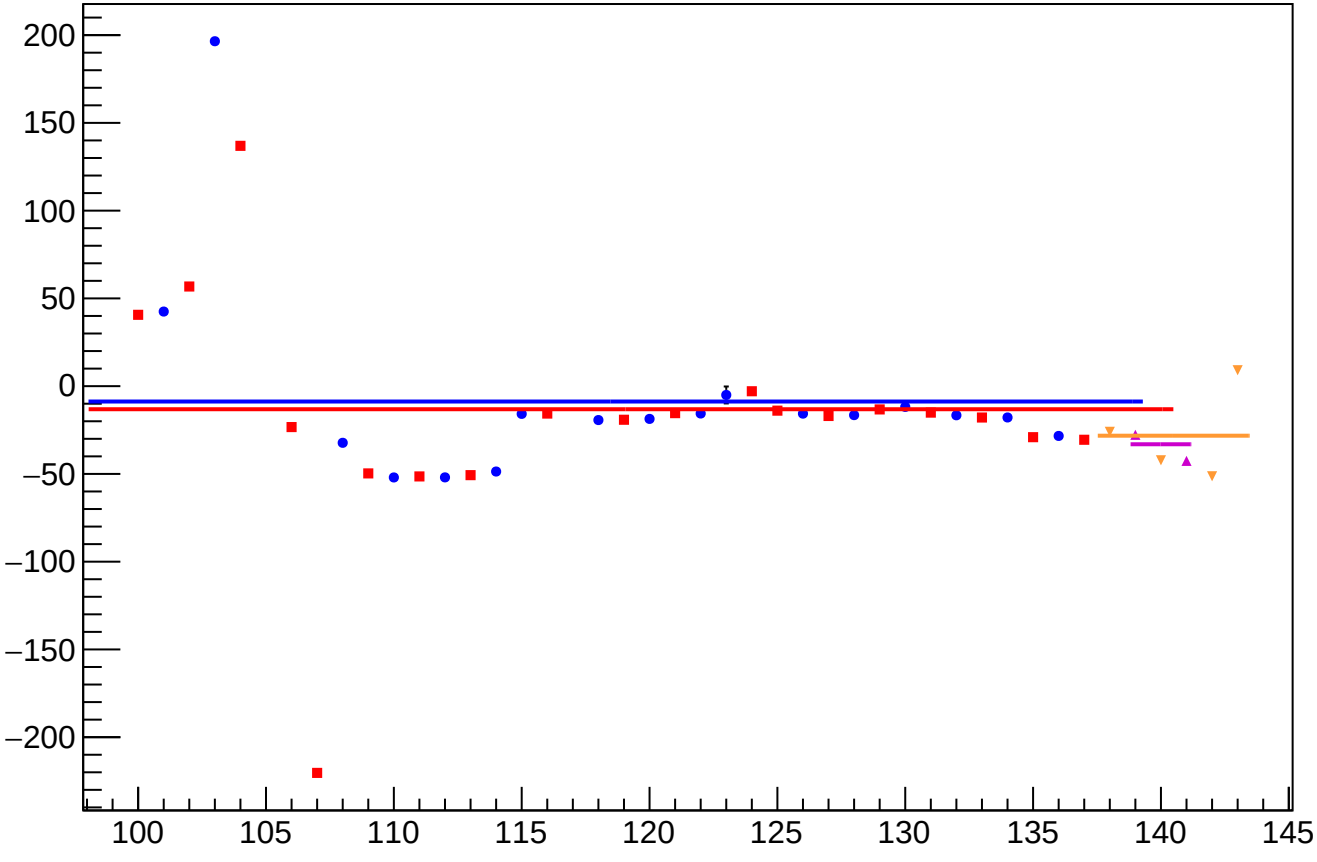
Left In: 6.585+/-2.184 χ^2/NDF:0.9/1

+ sign -22.545+/-0.817 χ^2/NDF: 890.9/20

All: -25.154+/-0.613 χ^2/NDF: 1527.6/41

- sign -28.521+/-0.928 χ^2/NDF: 613.4/20

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -28.224+/-0.067 χ^2/NDF:79361.1/3

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

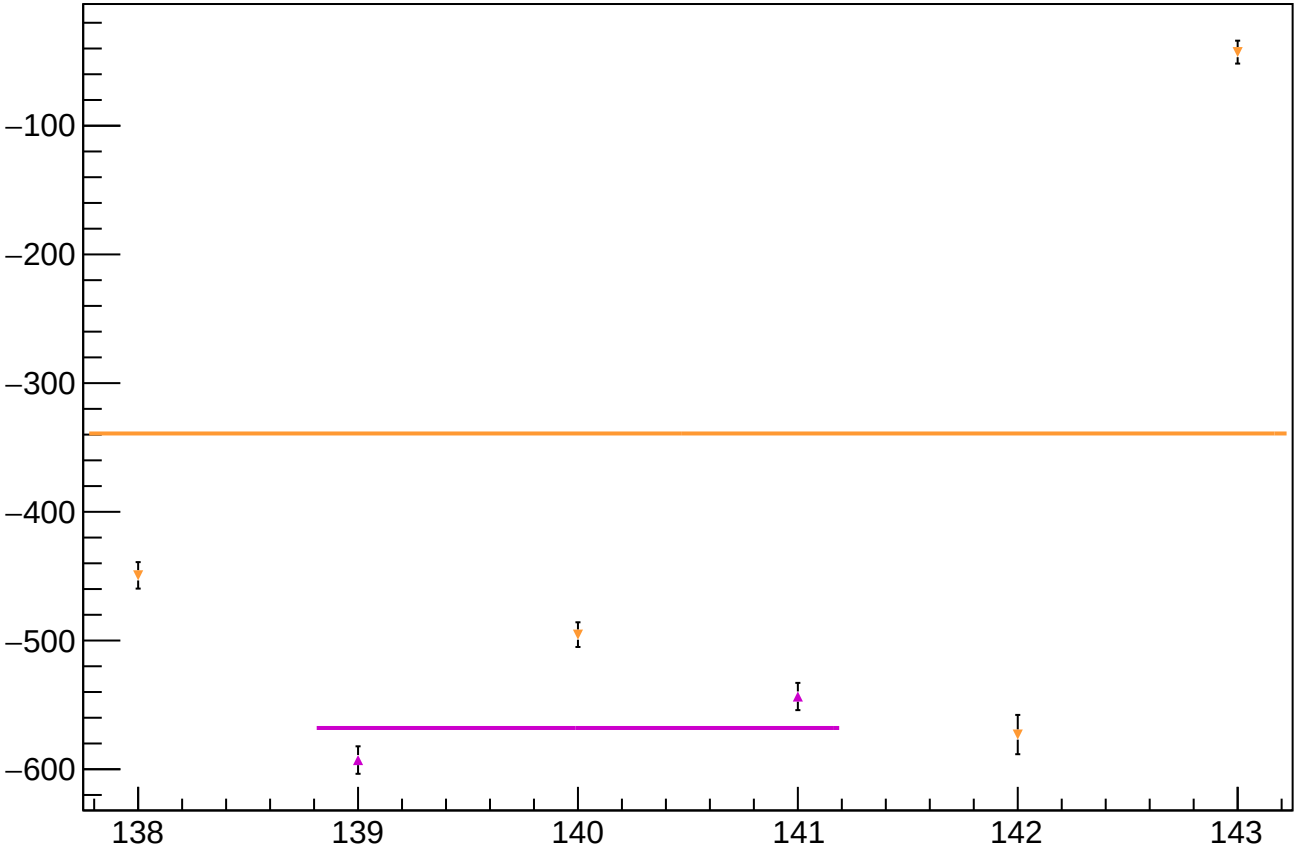
Left In: -33.102+/-0.076 χ^2/NDF:8860.5/1

+ sign -17.182+/-0.044 χ^2/NDF: 702847.5/20

All: -18.981+/-0.033 χ^2/NDF: 1315524.4/41

- sign -21.086+/-0.048 χ^2/NDF: 609093.4/20

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -339.126+/-5.184 χ^2/NDF:1723.5/3

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

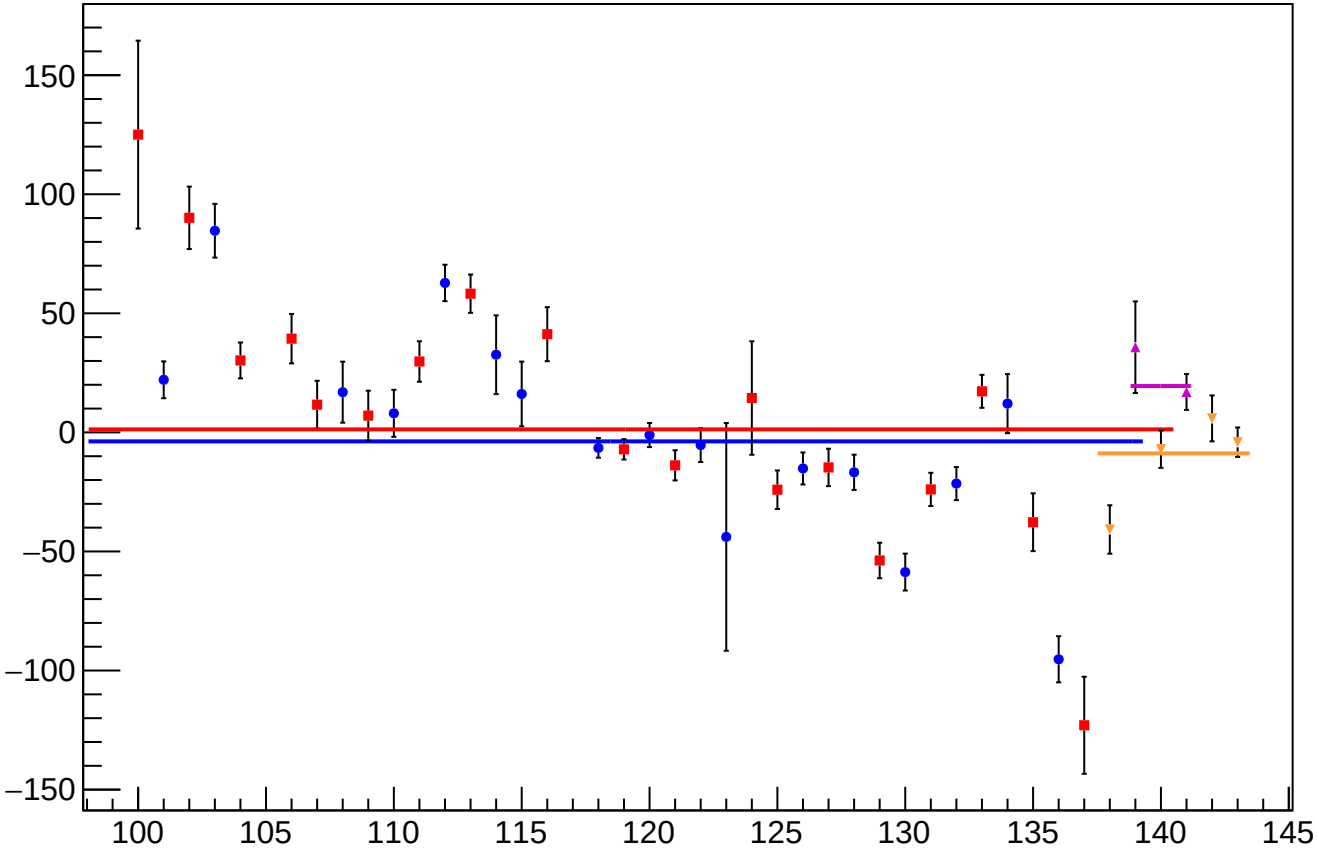
Left In: -567.954+/-7.517 χ^2/NDF:10.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -412.880+/-4.267 χ^2/NDF: 2362.4/5

- 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: -8.812+/-3.990 χ^2/NDF:12.8/3

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

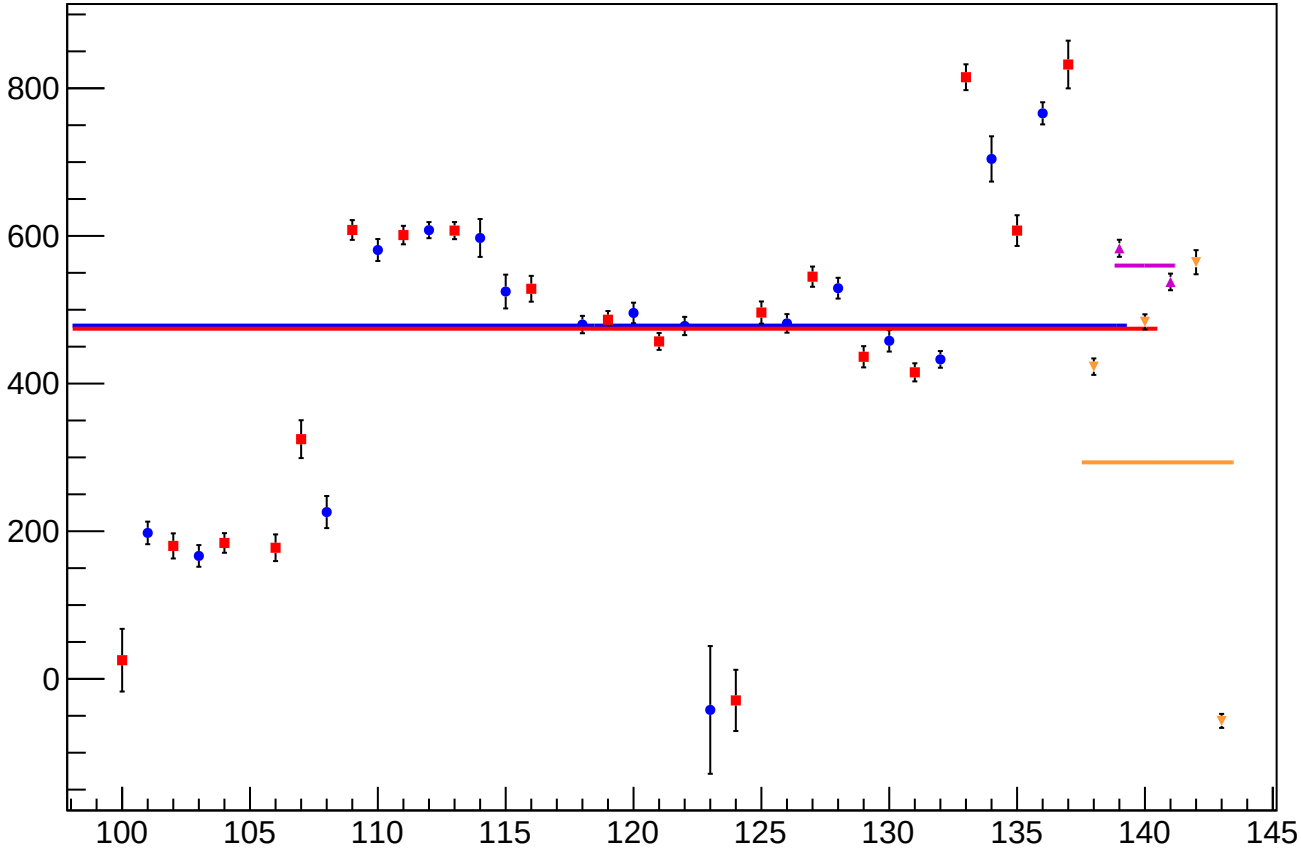
Left In: 19.468+/-7.016 χ^2/NDF:0.8/1

+ sign -4.695+/-1.707 χ^2/NDF: 328.5/20

All: -1.375+/-1.255 χ^2/NDF: 647.5/41

- sign 2.534+/-1.852 χ^2/NDF: 310.8/20

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 293.273+/-5.552 χ^2/NDF:2116.3/3

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

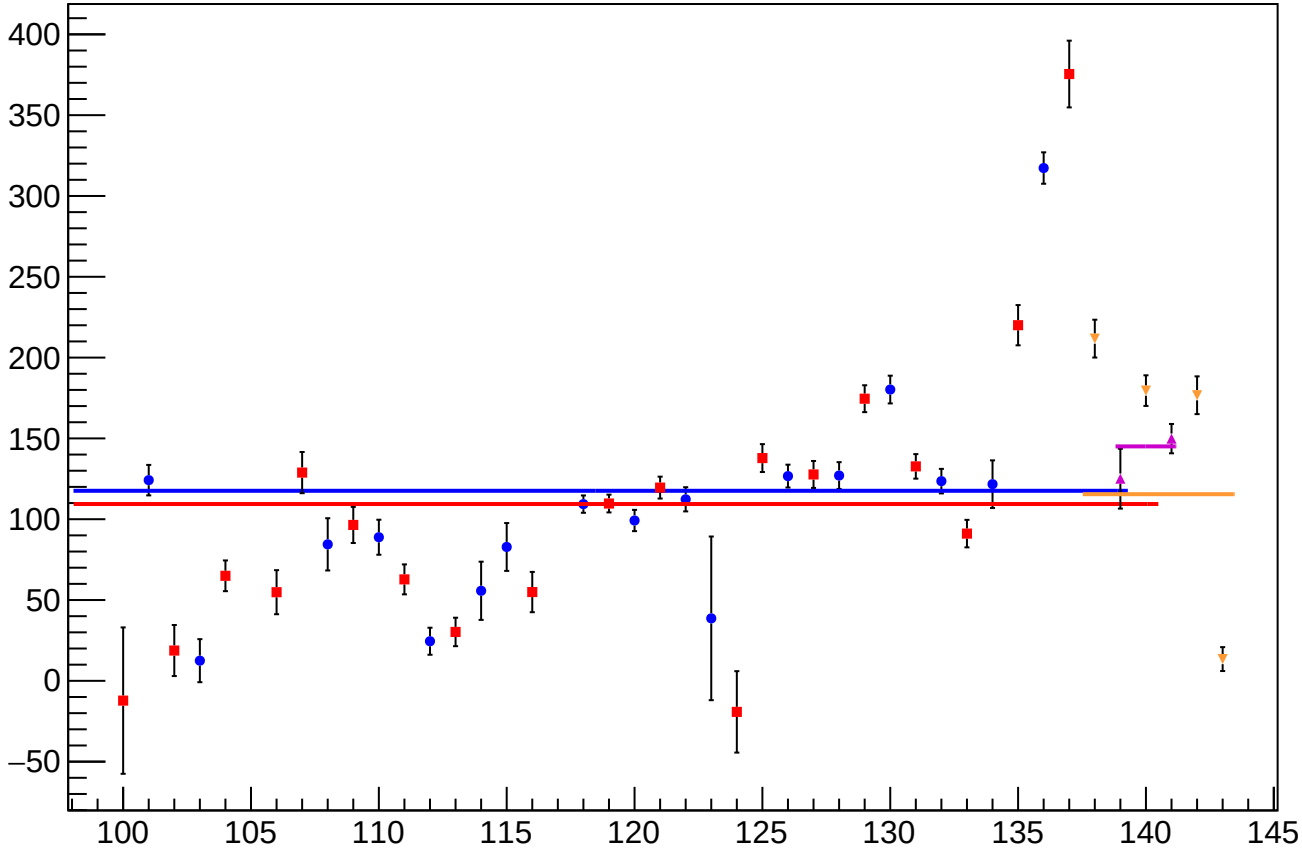
Left In: 559.827+/-8.063 χ^2/NDF:8.0/1

+ sign 423.051+/-3.038 χ^2/NDF: 4525.2/20

All: 453.529+/-2.215 χ^2/NDF: 7129.3/41

- sign 488.096+/-3.236 χ^2/NDF: 2389.4/20

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 115.485+/-4.765 χ^2/NDF:331.2/3

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

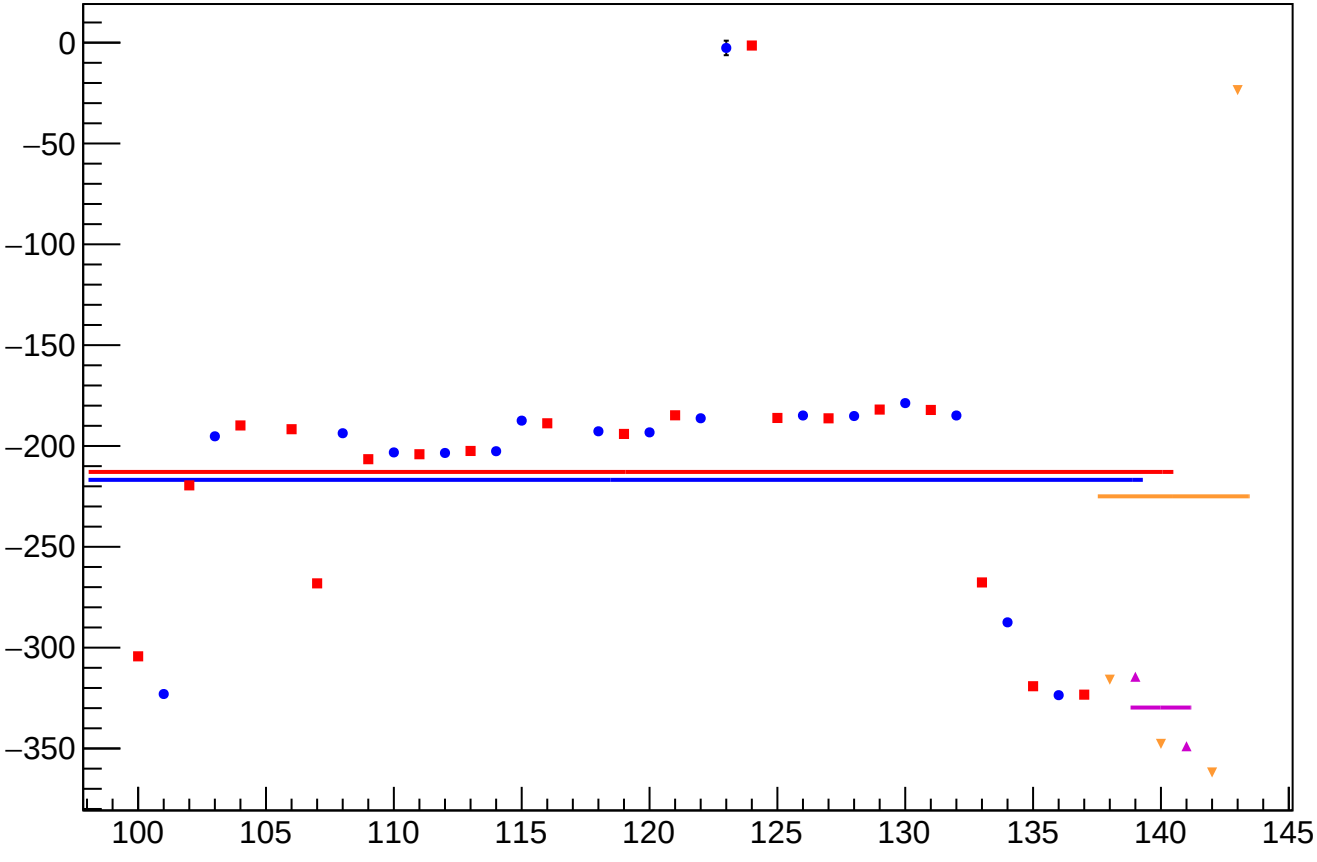
Left In: 145.058+/-8.150 χ^2/NDF:1.4/1

+ sign 117.218+/-1.992 χ^2/NDF: 1038.2/20

All: 114.713+/-1.456 χ^2/NDF: 1632.1/41

- sign 111.842+/-2.133 χ^2/NDF: 590.5/20

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -224.971+/-0.227 χ^2/NDF:441666.8/3

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

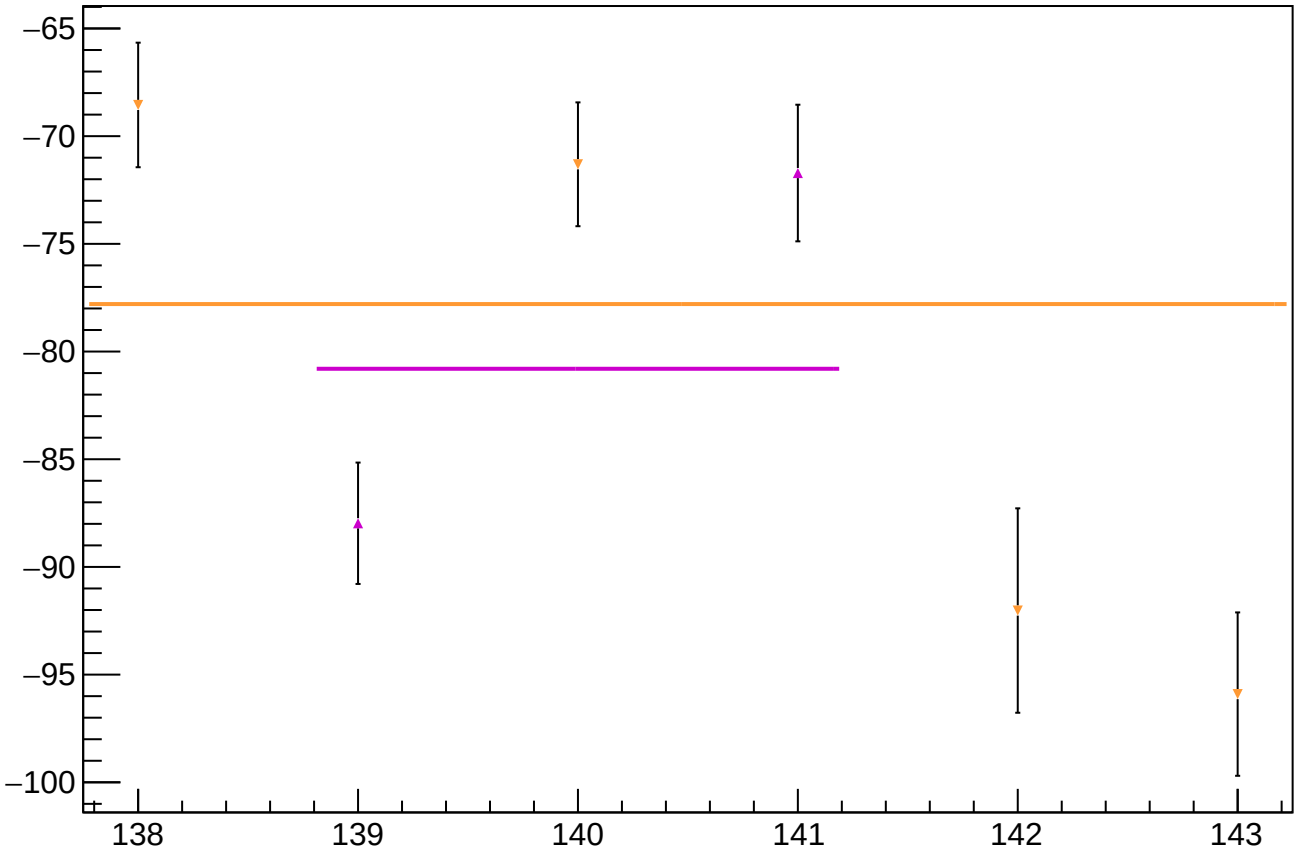
Left In: -329.705+/-0.304 χ^2/NDF:3179.4/1

+ sign -218.940+/-0.117 χ^2/NDF: 589595.7/20

All: -224.811+/-0.083 χ^2/NDF: 839446.6/41

- sign -231.001+/-0.120 χ^2/NDF: 244634.5/20

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -77.795+/-1.679 χ^2/NDF:47.1/3

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

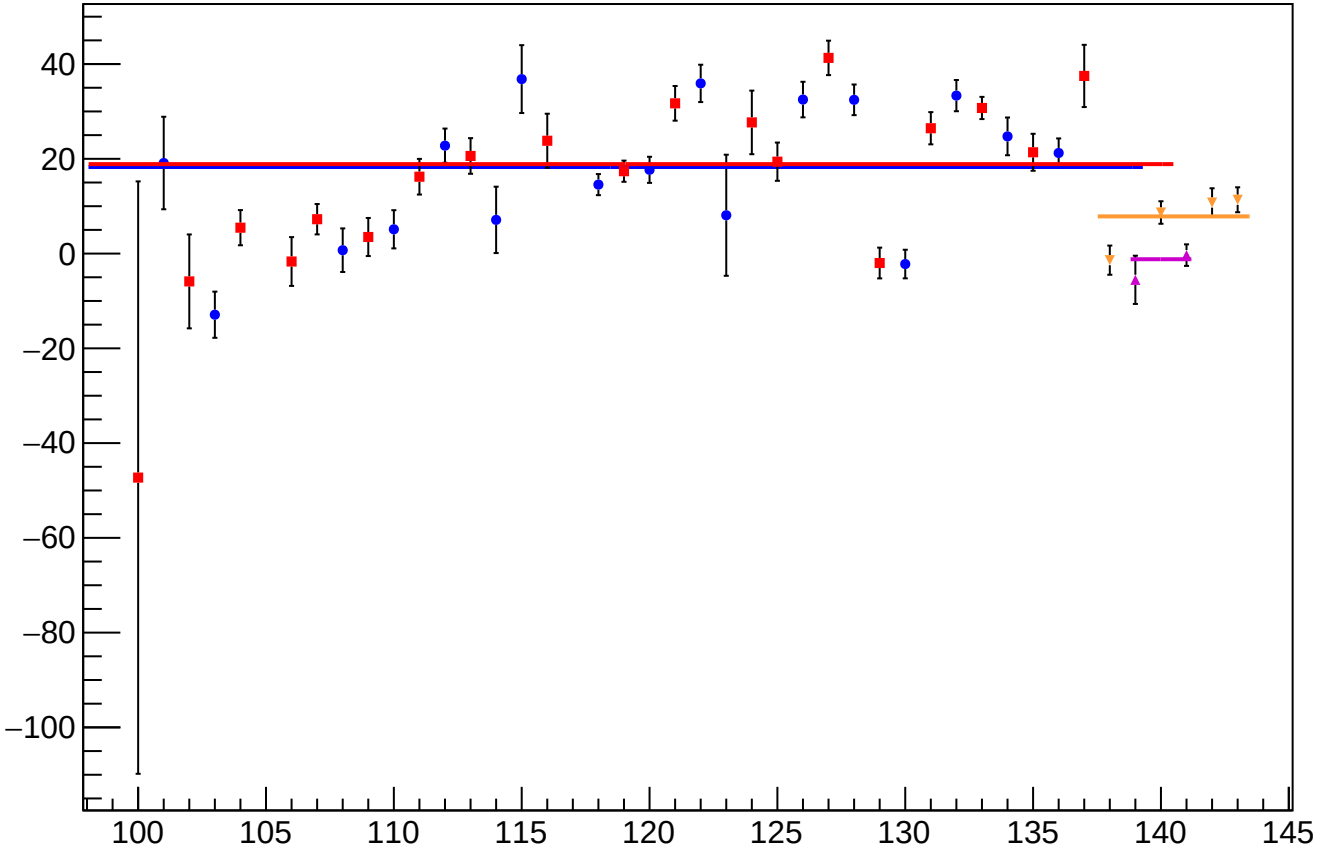
Left In: -80.800+/-2.106 χ^2/NDF:14.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -78.963+/-1.313 χ^2/NDF: 63.0/5

- 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: 7.848+/-1.364 χ^2/NDF:11.8/3

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

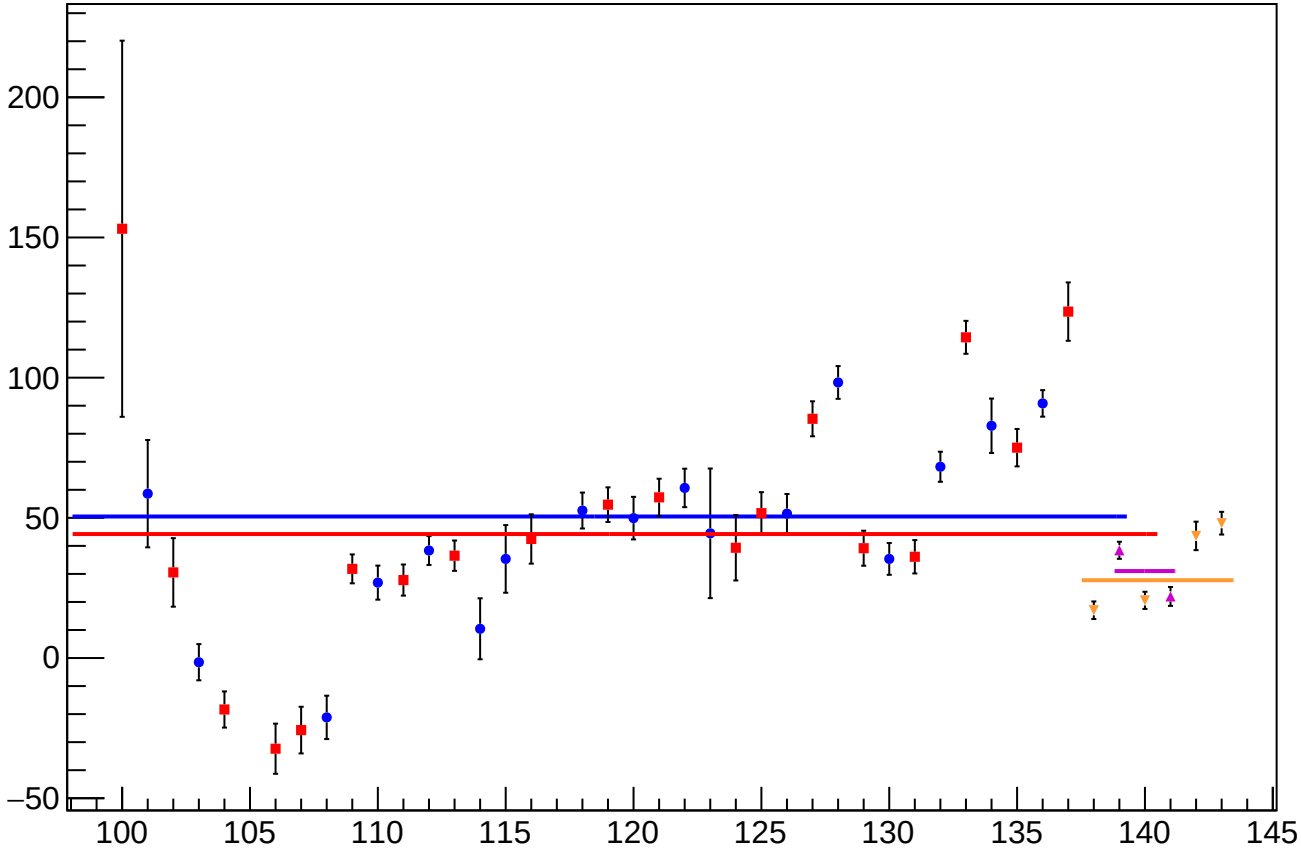
Left In: -1.192+/-2.077 χ^2/NDF:0.9/1

+ sign 15.089+/-0.754 χ^2/NDF: 257.0/20

All: 15.480+/-0.548 χ^2/NDF: 536.5/41

- sign 15.918+/-0.798 χ^2/NDF: 278.9/20

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 27.752+/-1.802 χ^2/NDF:52.1/3

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

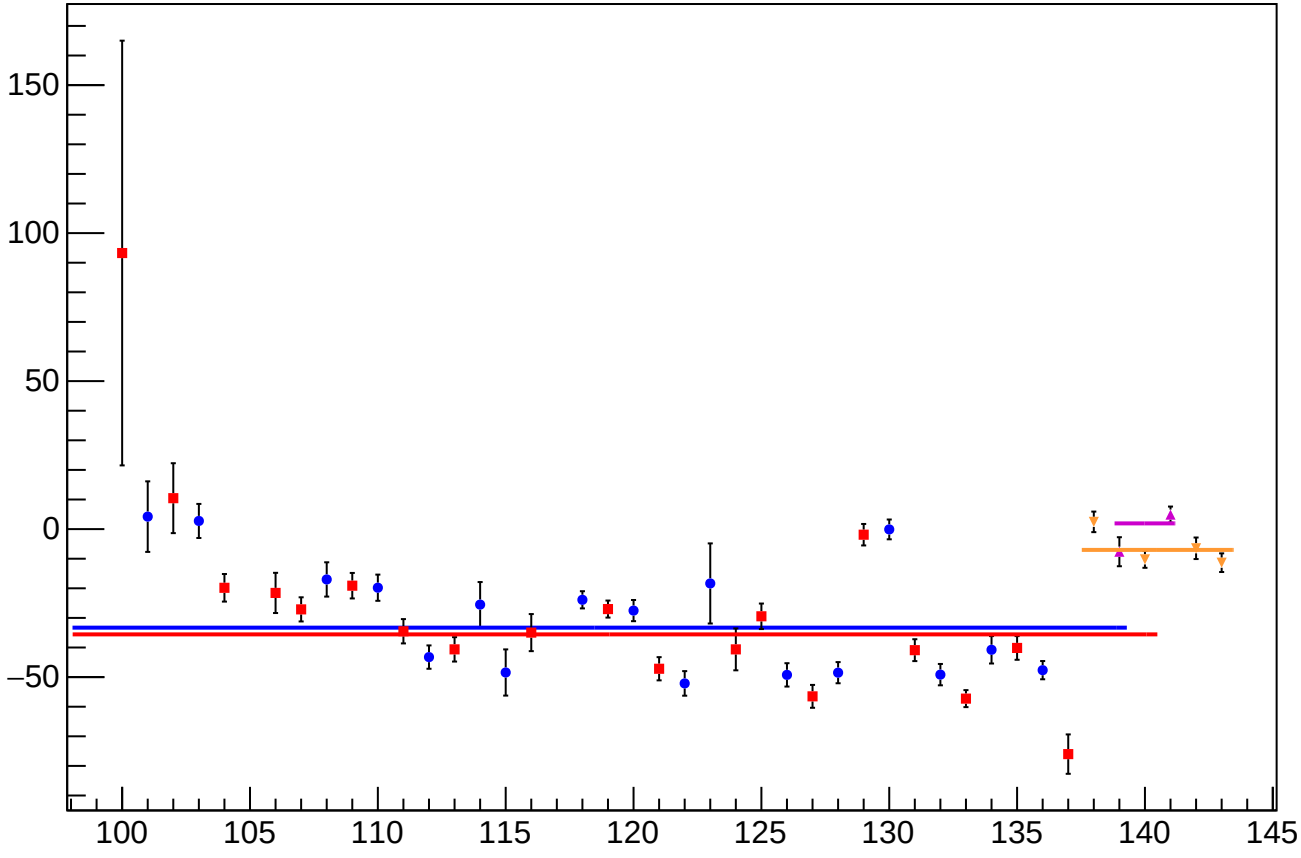
Left In: 31.027+/-2.262 χ^2/NDF:13.1/1

+ sign 39.991+/-1.224 χ^2/NDF: 495.7/20

All: 39.908+/-0.894 χ^2/NDF: 1065.8/41

- sign 39.812+/-1.308 χ^2/NDF: 570.2/20

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -7.026+/-1.617 χ^2/NDF:10.6/3

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

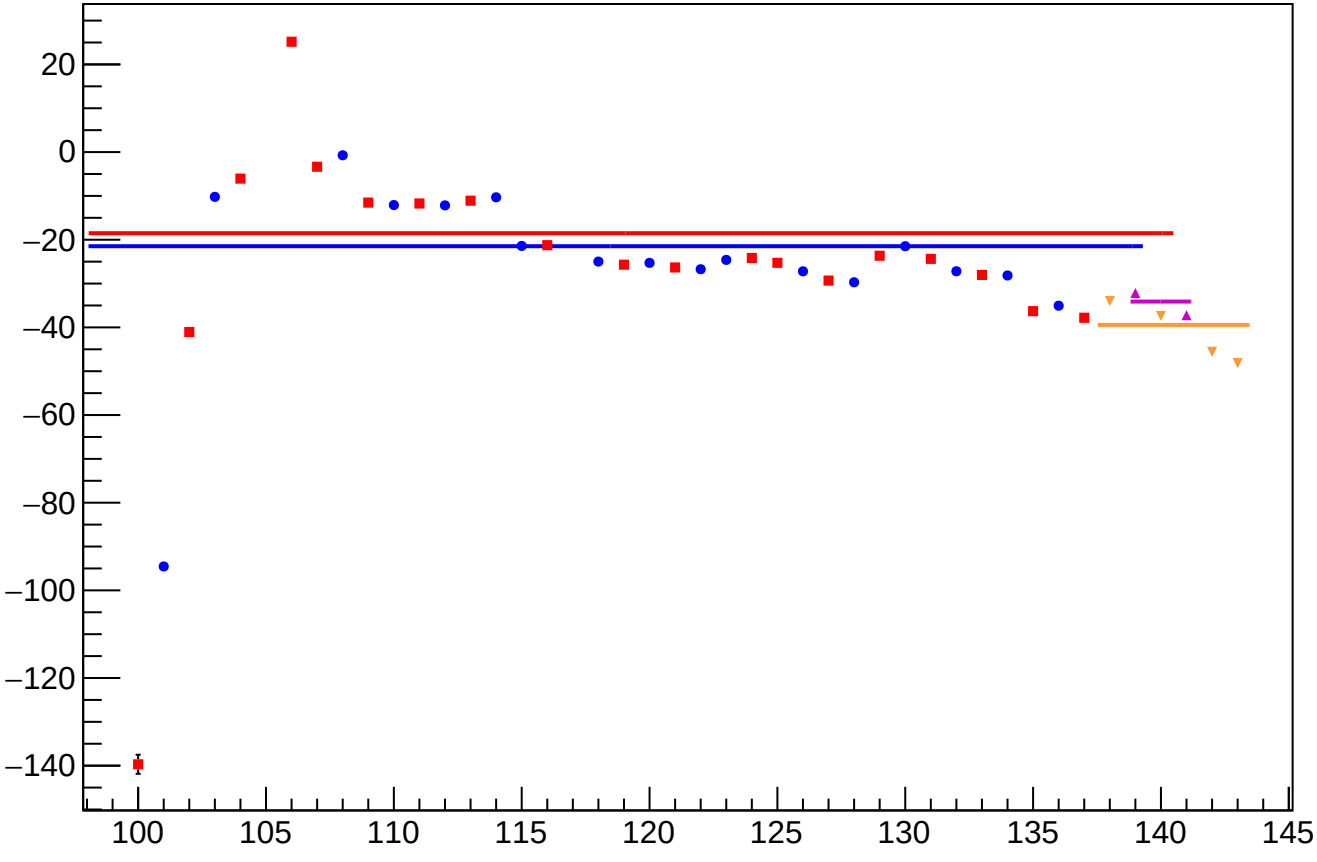
Left In: 1.931+/-2.384 χ^2/NDF:5.0/1

+ sign -25.681+/-0.871 χ^2/NDF: 487.0/20

All: -27.742+/-0.631 χ^2/NDF: 1002.4/41

- sign -30.025+/-0.916 χ^2/NDF: 503.5/20

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -39.438+/-0.073 χ^2/NDF:6008.2/3

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

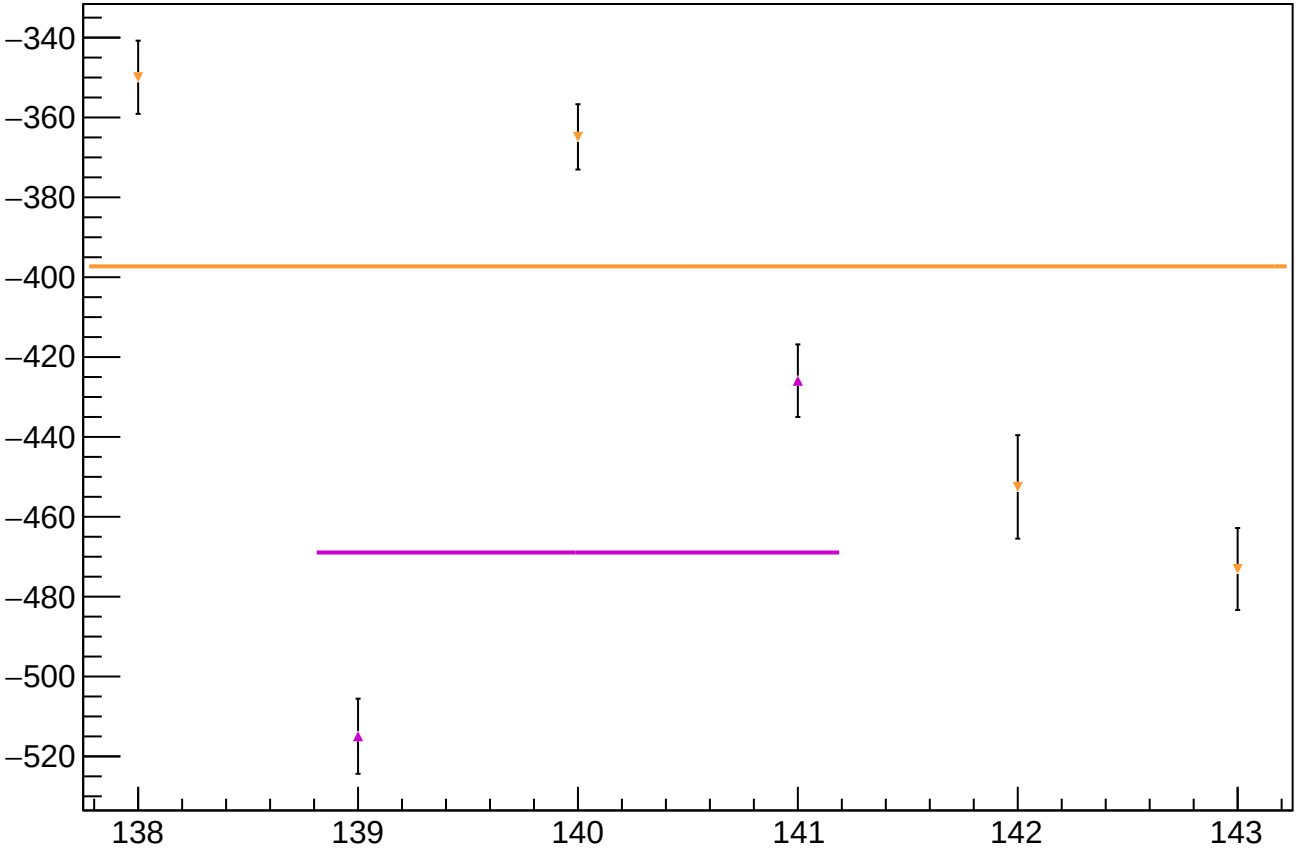
Left In: -34.108+/-0.084 χ^2/NDF:853.0/1

+ sign -28.475+/-0.046 χ^2/NDF: 91527.9/20

All: -26.043+/-0.033 χ^2/NDF: 202351.4/41

- sign -23.440+/-0.047 χ^2/NDF: 104995.3/20

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -397.287+/-4.861 χ^2/NDF:115.2/3

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

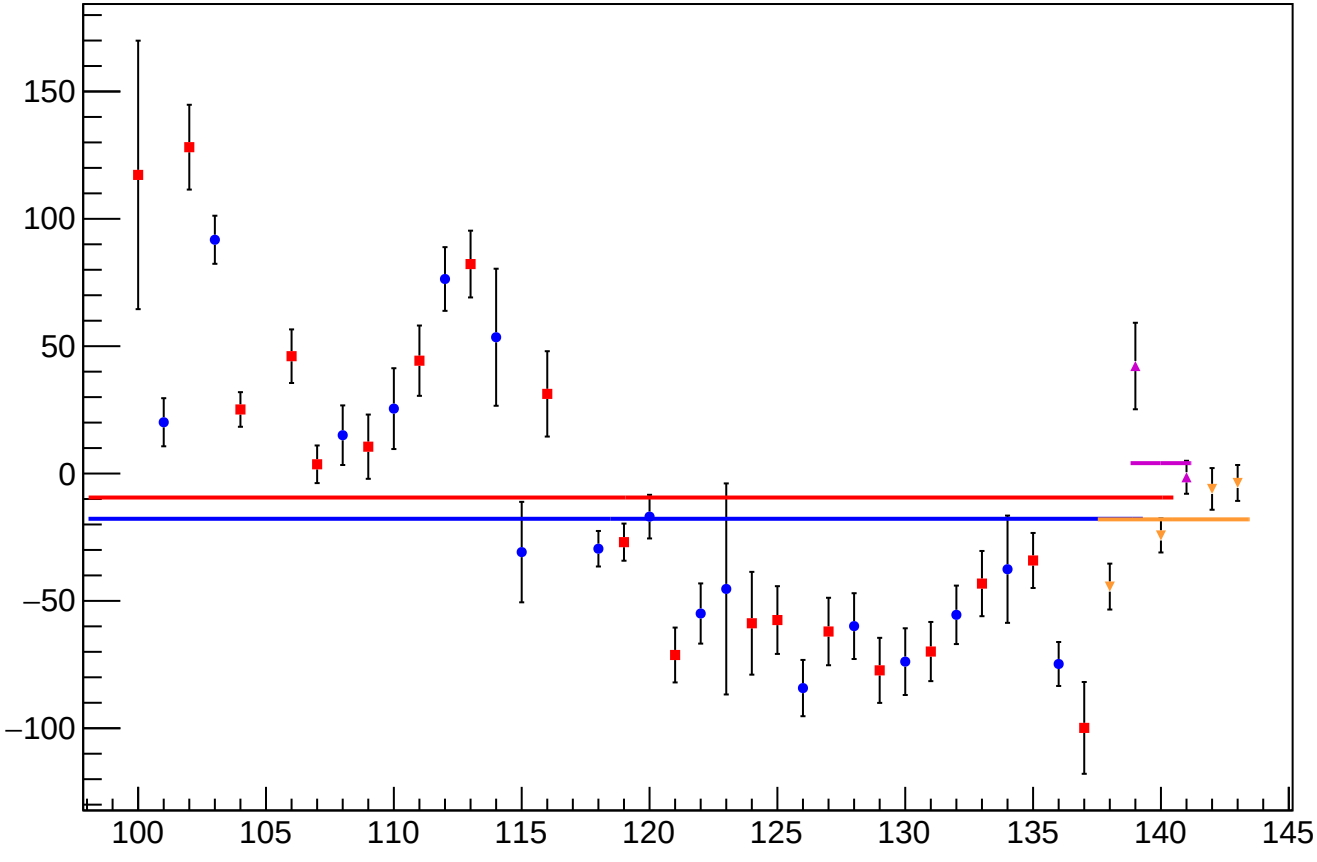
Left In: -468.940+/-6.539 χ^2/NDF:46.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -422.791+/-3.901 χ^2/NDF: 238.8/5

- 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: -17.991+/-3.786 χ^2/NDF:15.7/3

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

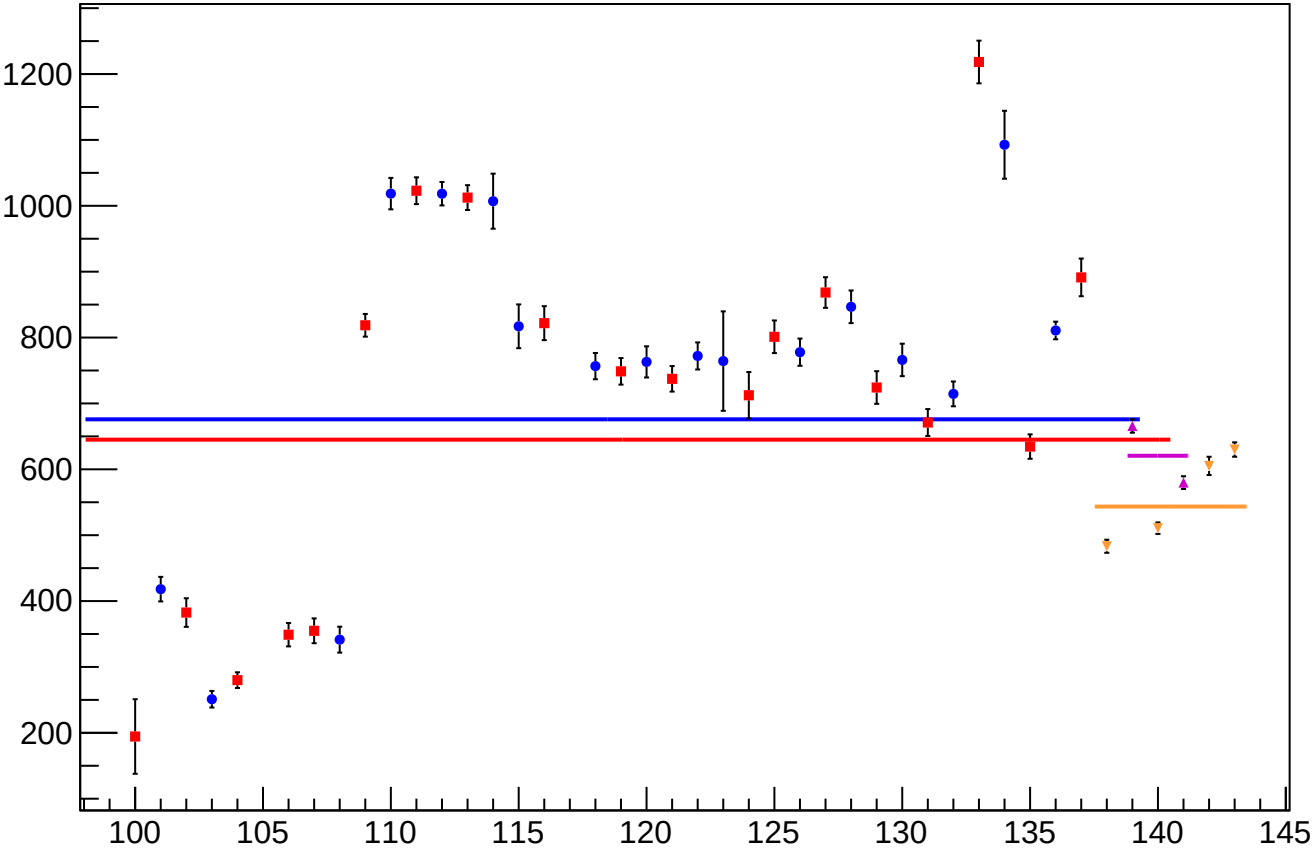
Left In: 4.083+/-6.053 χ^2/NDF:5.8/1

+ sign -17.844+/-2.242 χ^2/NDF: 379.6/20

All: -12.927+/-1.638 χ^2/NDF: 769.5/41

- sign -7.296+/-2.399 χ^2/NDF: 379.6/20

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 543.446+/-5.208 χ^2/NDF:133.3/3

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

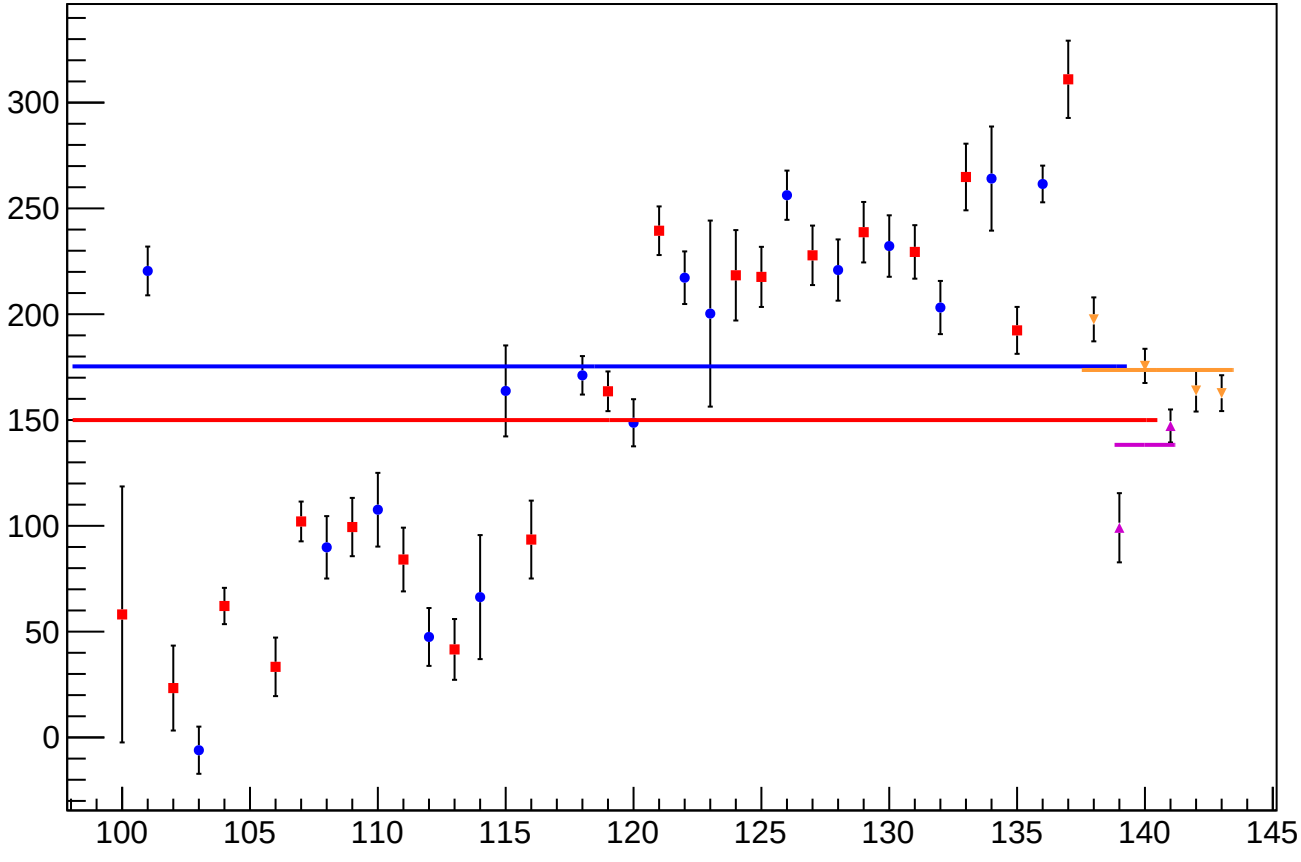
Left In: 620.599+/-7.011 χ^2/NDF:37.5/1

+ sign 611.861+/-3.620 χ^2/NDF: 3053.8/20

All: 623.516+/-2.665 χ^2/NDF: 6245.4/41

- sign 637.309+/-3.939 χ^2/NDF: 3169.0/20

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 173.647+/-4.532 χ^2/NDF:8.0/3

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

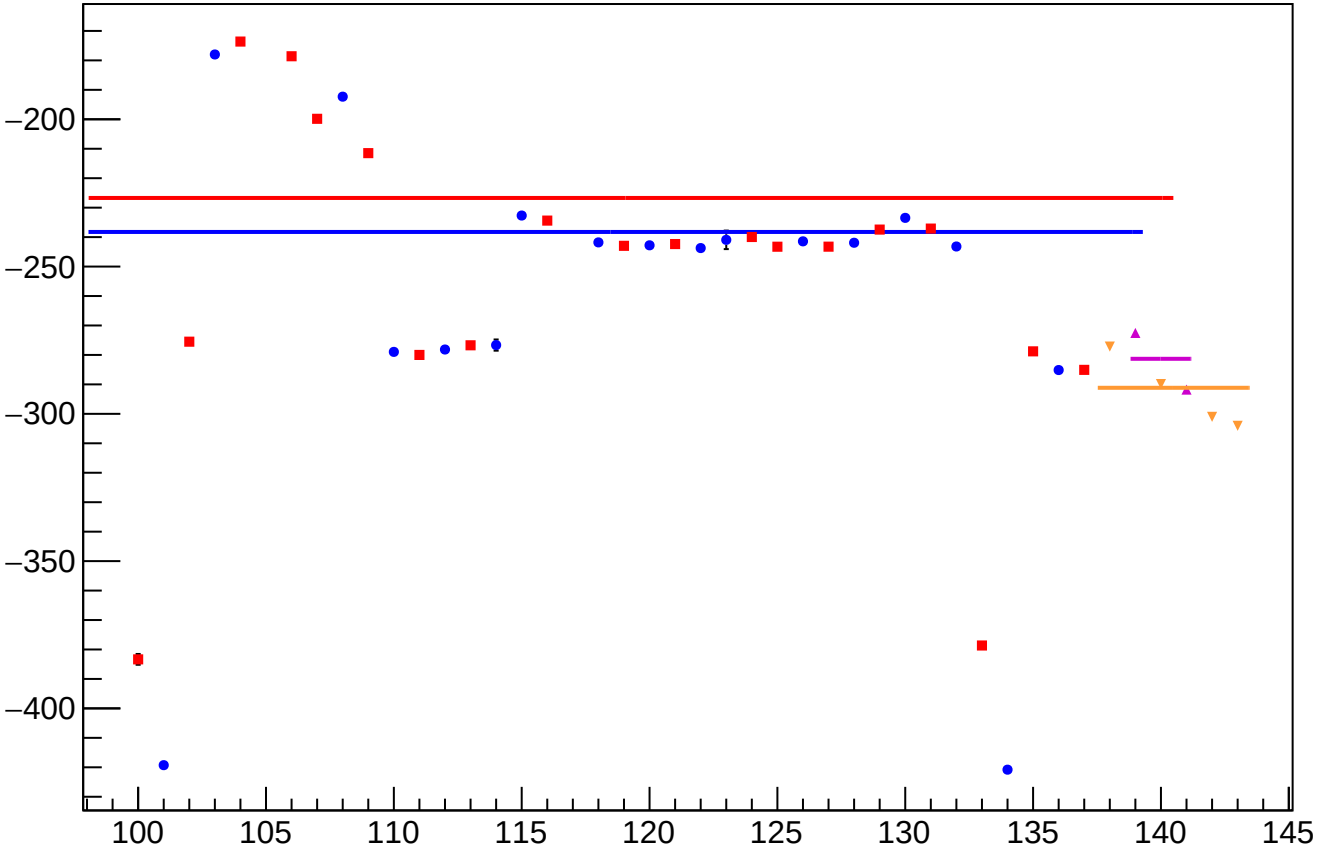
Left In: 138.264+/-7.042 χ^2/NDF:7.0/1

+ sign 174.777+/-2.616 χ^2/NDF: 646.5/20

All: 162.333+/-1.910 χ^2/NDF: 1397.6/41

- sign 148.123+/-2.795 χ^2/NDF: 702.5/20

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -291.155+/-0.215 χ^2/NDF:2436.0/3

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

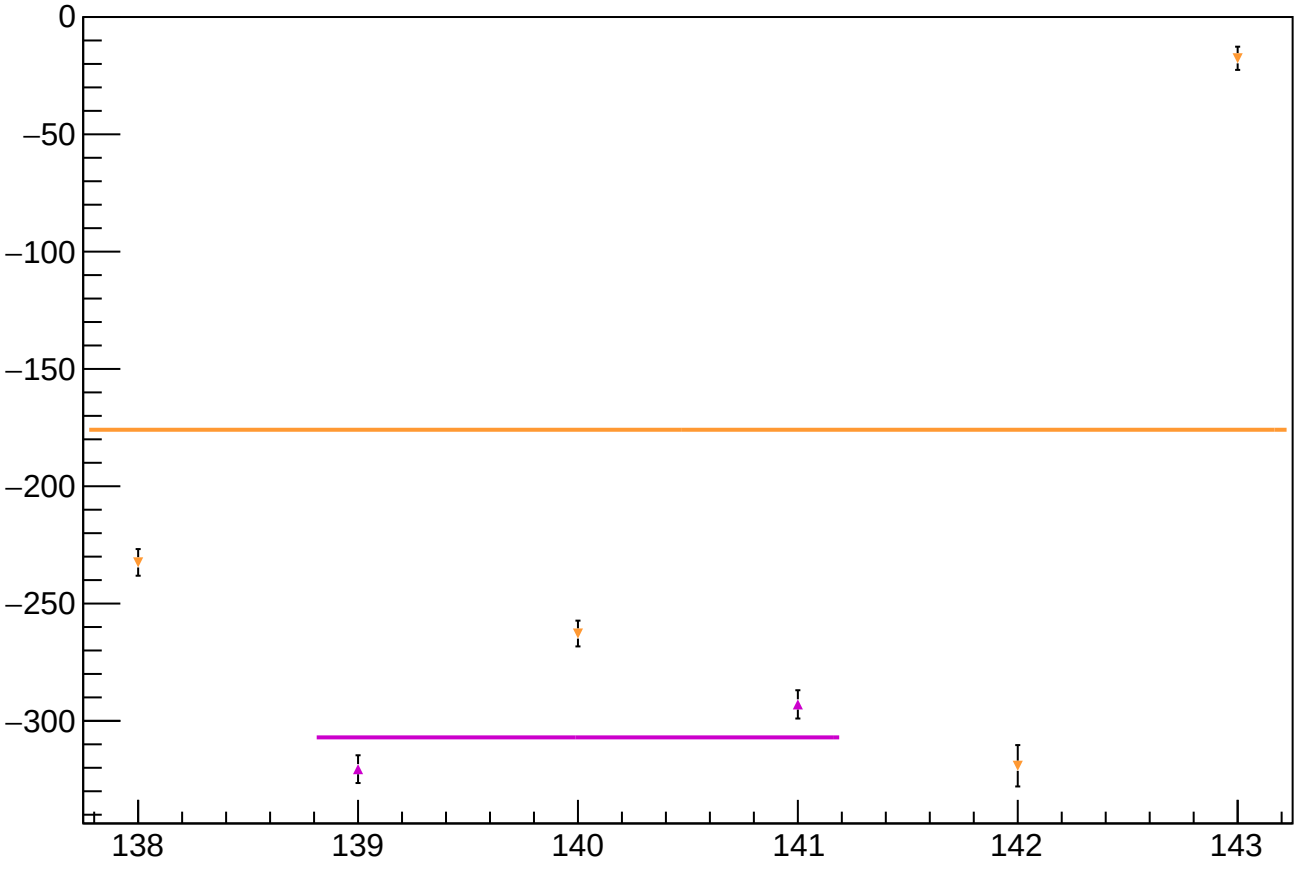
Left In: -281.315+/-0.265 χ^2/NDF:1308.6/1

+ sign -257.112+/-0.128 χ^2/NDF: 208584.8/20

All: -248.804+/-0.092 χ^2/NDF: 353362.8/41

- sign -240.107+/-0.131 χ^2/NDF: 136194.0/20

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -175.921+/-2.913 χ^2/NDF:1637.1/3

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

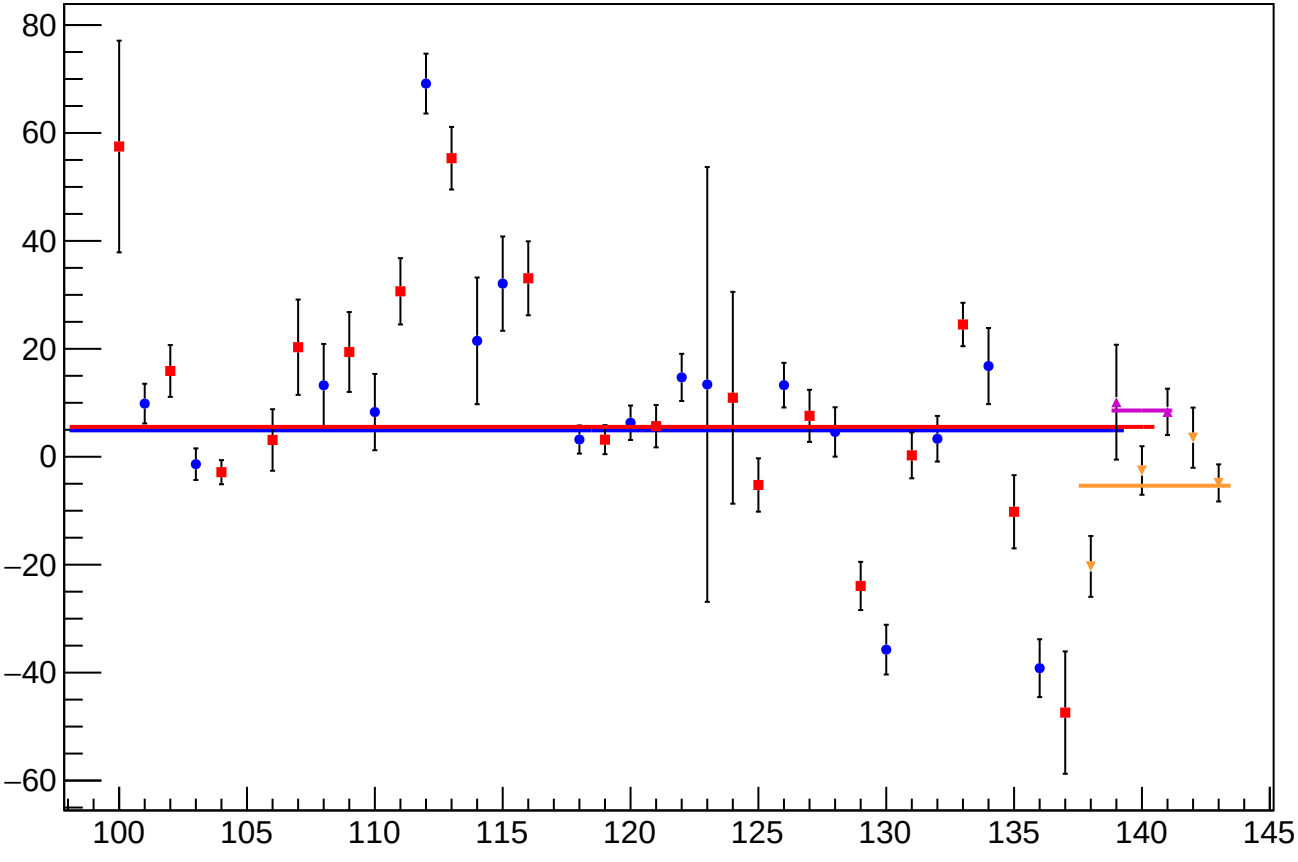
Left In: -307.040+/-4.223 χ^2/NDF:10.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -218.193+/-2.398 χ^2/NDF: 2301.0/5

- 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: -5.366+/-2.249 χ^2/NDF:10.0/3

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

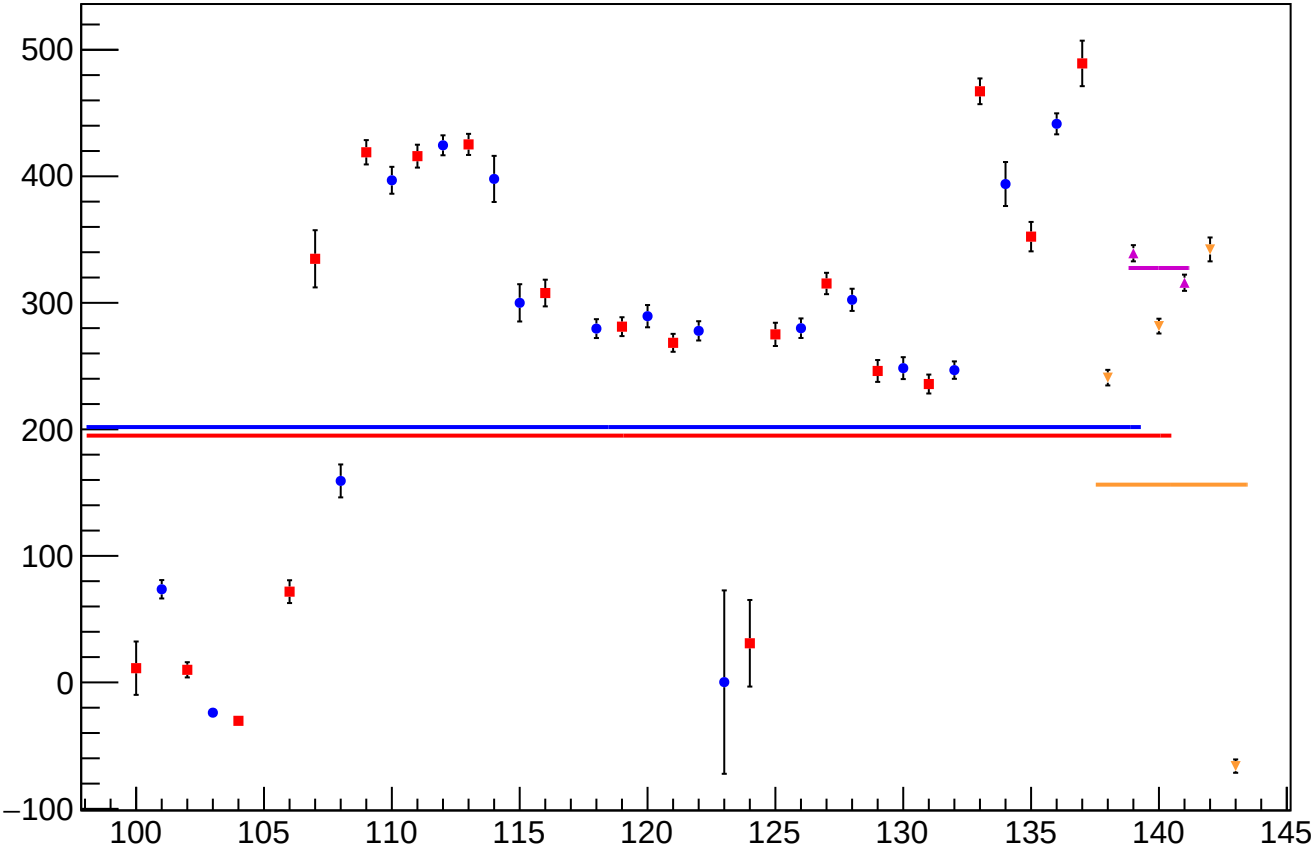
Left In: 8.569+/-3.984 χ^2/NDF:0.0/1

+ sign 2.947+/-0.980 χ^2/NDF: 338.8/20

All: 4.268+/-0.712 χ^2/NDF: 582.3/41

- sign 5.739+/-1.035 χ^2/NDF: 239.7/20

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 156.307+/-3.121 χ^2/NDF:2810.1/3

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

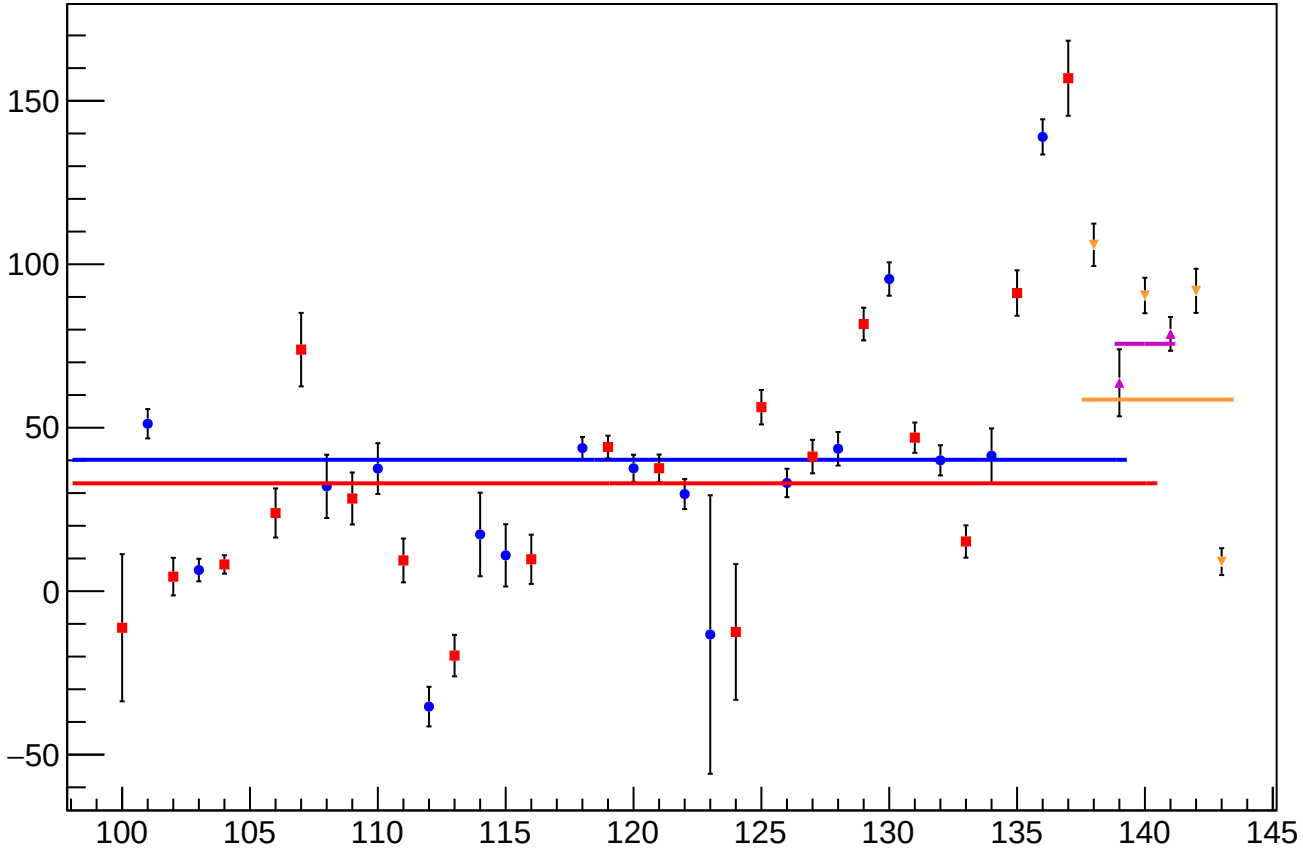
Left In: 327.542+/-4.532 χ^2/NDF:6.6/1

+ sign 188.839+/-1.666 χ^2/NDF: 9716.3/20

All: 201.257+/-1.214 χ^2/NDF: 18822.4/41

- sign 215.293+/-1.771 χ^2/NDF: 8987.8/20

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 58.613+/-2.683 χ^2/NDF:257.6/3

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

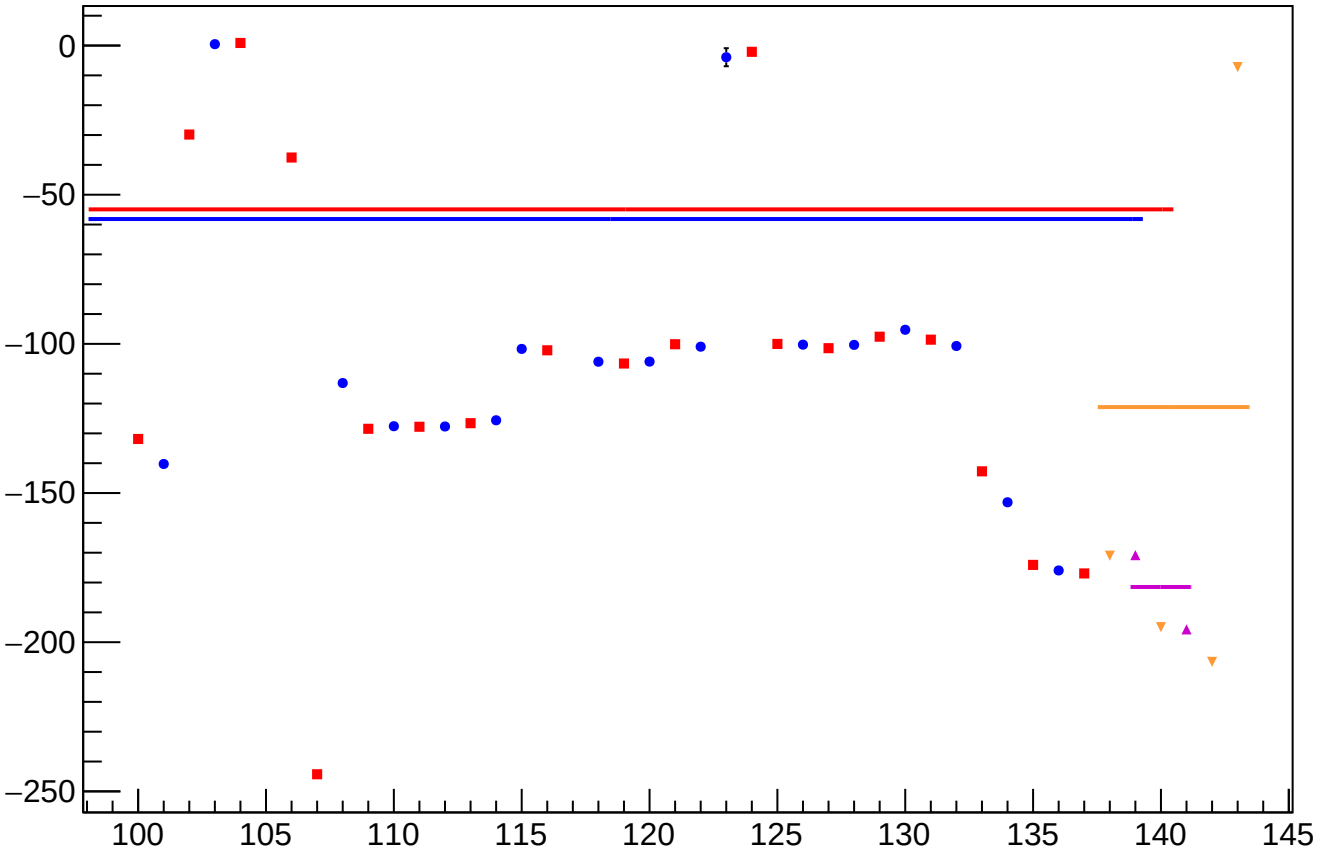
Left In: 75.664+/-4.618 χ^2/NDF:1.7/1

+ sign 43.557+/-1.146 χ^2/NDF: 1031.1/20

All: 39.943+/-0.832 χ^2/NDF: 1687.3/41

- sign 35.922+/-1.209 χ^2/NDF: 635.3/20

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -121.188+/-0.128 χ^2/NDF:466648.1/3

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

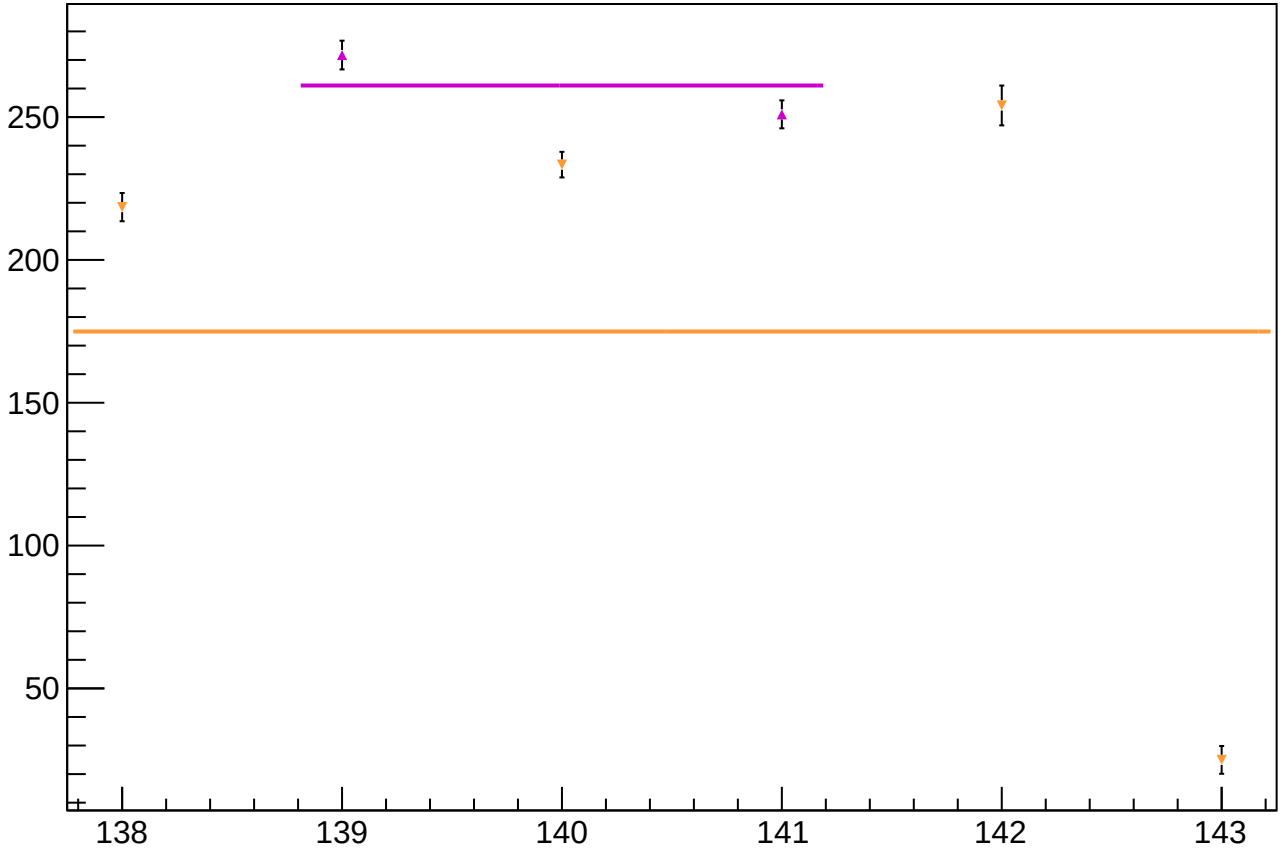
Left In: -181.493+/-0.170 χ^2/NDF:5232.4/1

+ sign -70.062+/-0.055 χ^2/NDF: 1770110.5/20

All: -69.539+/-0.040 χ^2/NDF: 3270707.3/41

- sign -68.990+/-0.057 χ^2/NDF: 1500414.4/20

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 174.944+/-2.552 χ^2/NDF:1324.8/3

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

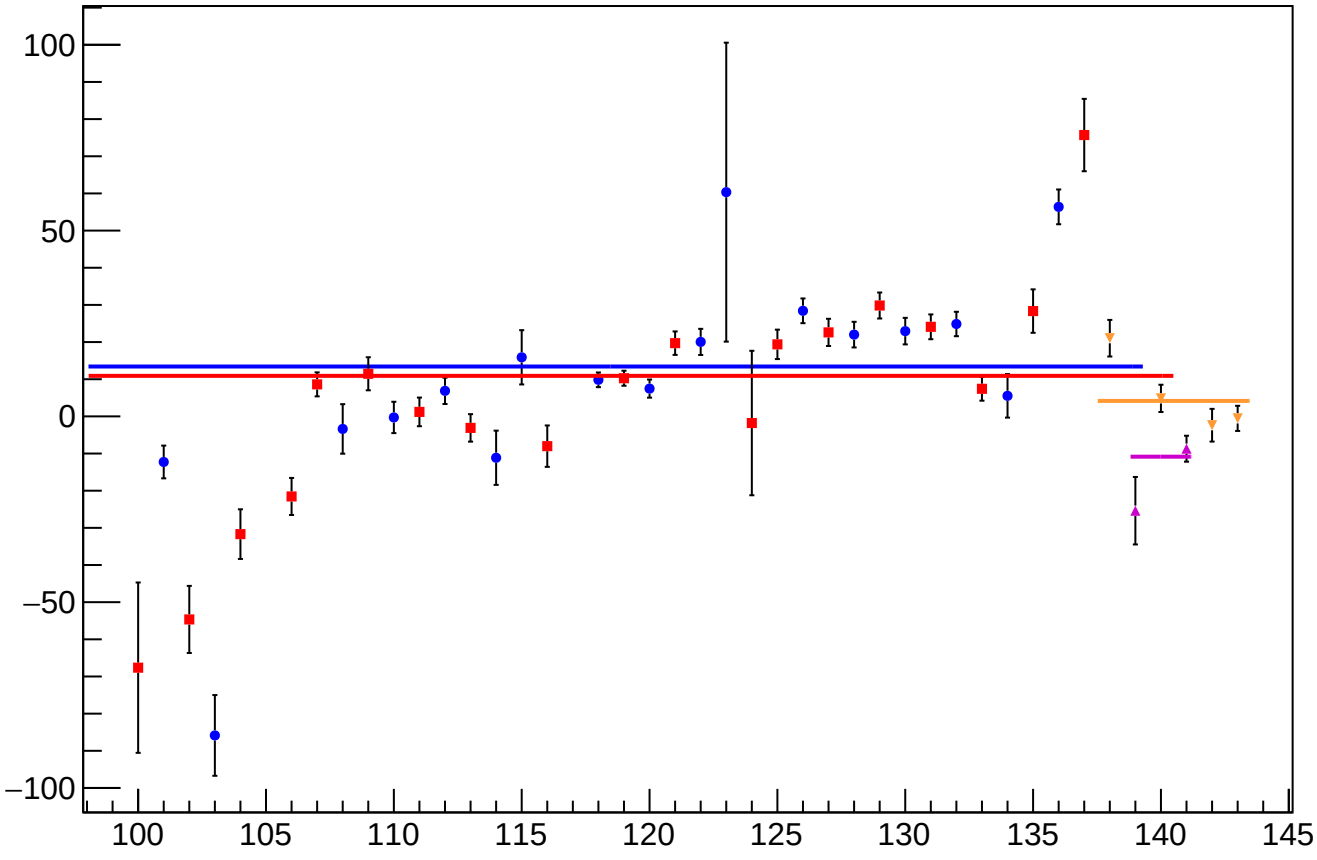
Left In: 261.055+/-3.510 χ^2/NDF:8.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 204.722+/-2.064 χ^2/NDF: 1727.2/5

- 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: 4.161+/-1.982 χ^2/NDF:15.9/3

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

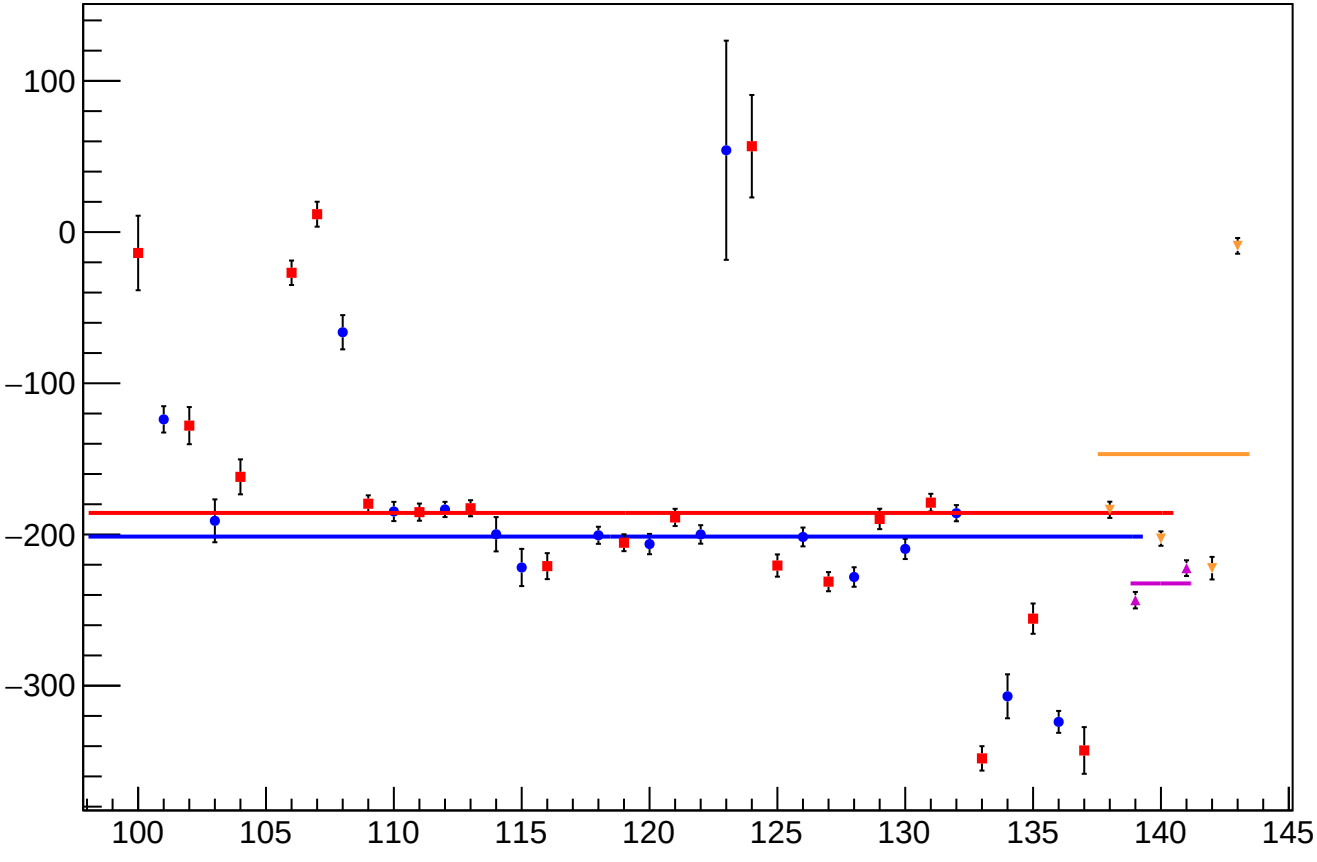
Left In: -10.844+/-3.258 χ^2/NDF:2.9/1

+ sign 11.783+/-0.834 χ^2/NDF: 329.1/20

All: 10.617+/-0.606 χ^2/NDF: 680.1/41

- sign 9.314+/-0.882 χ^2/NDF: 346.8/20

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -146.832+/-2.734 χ^2/NDF:988.5/3

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

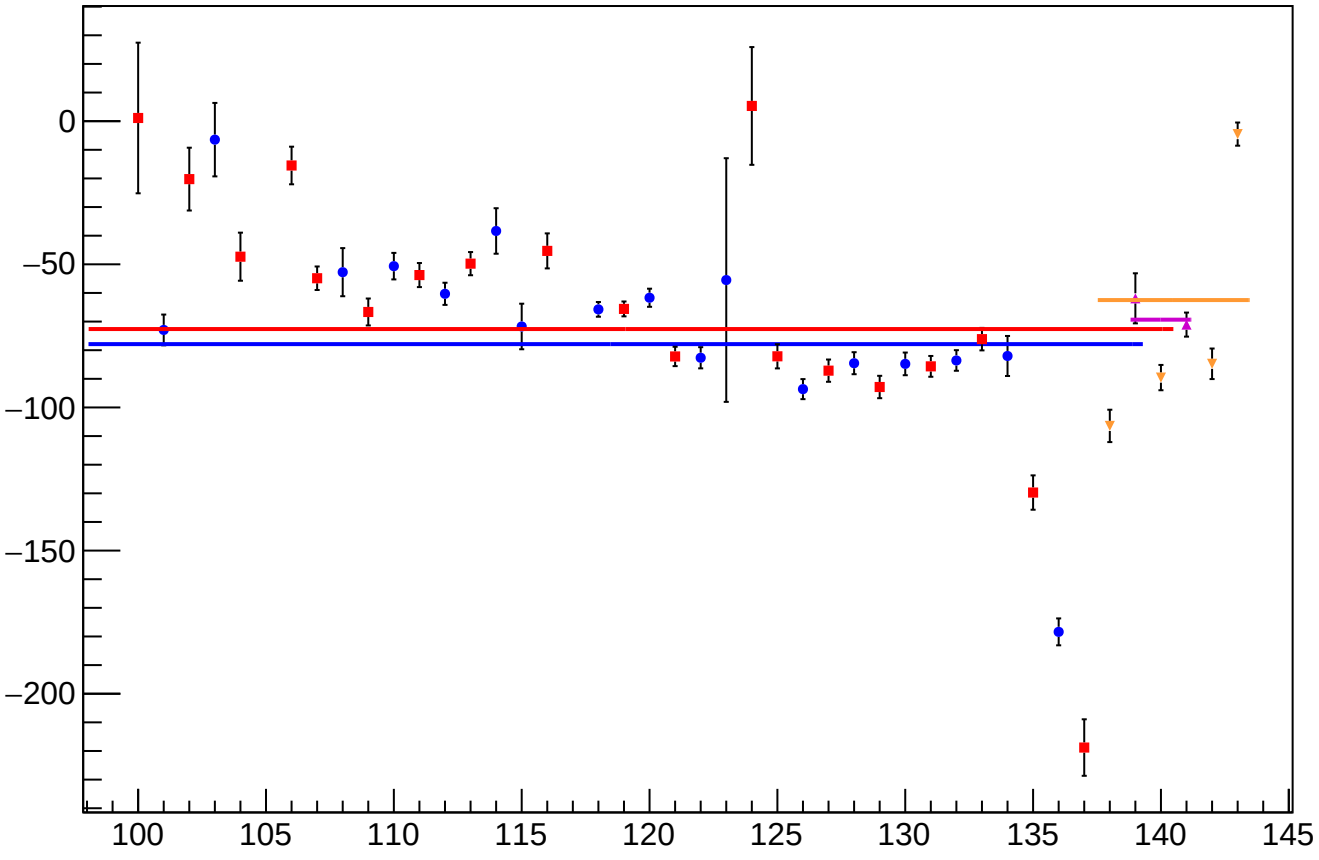
Left In: -232.377+/-3.764 χ^2/NDF:7.9/1

+ sign -185.154+/-1.491 χ^2/NDF: 1891.5/20

All: -189.235+/-1.075 χ^2/NDF: 3791.8/41

- sign -193.640+/-1.549 χ^2/NDF: 1884.7/20

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -62.490+/-2.366 χ^2/NDF:320.8/3

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

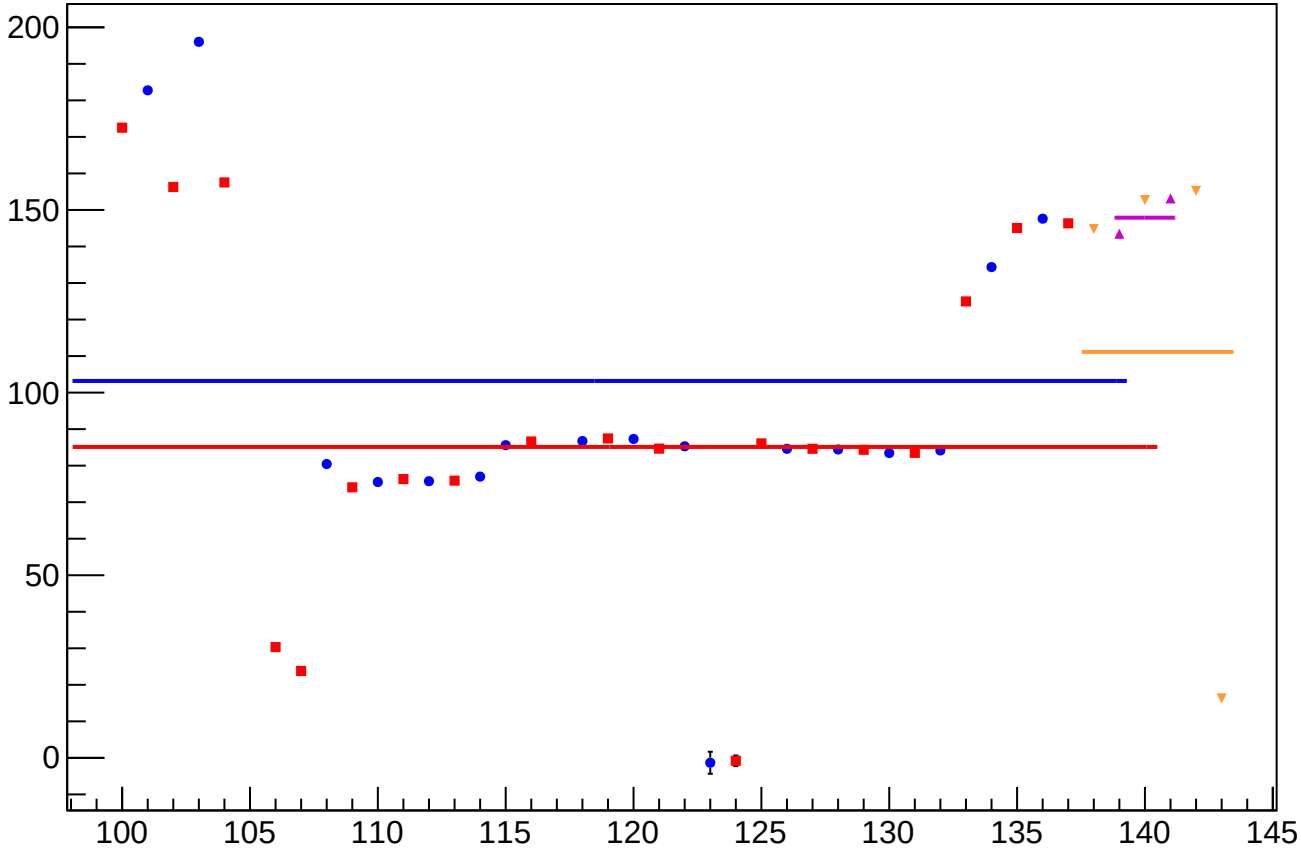
Left In: -69.337+/-3.788 χ^2/NDF:0.9/1

+ sign -75.282+/-0.972 χ^2/NDF: 1014.1/20

All: -73.893+/-0.702 χ^2/NDF: 1626.8/41

- sign -72.376+/-1.015 χ^2/NDF: 608.5/20

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 111.140+/-0.112 χ^2/NDF:294656.4/3

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

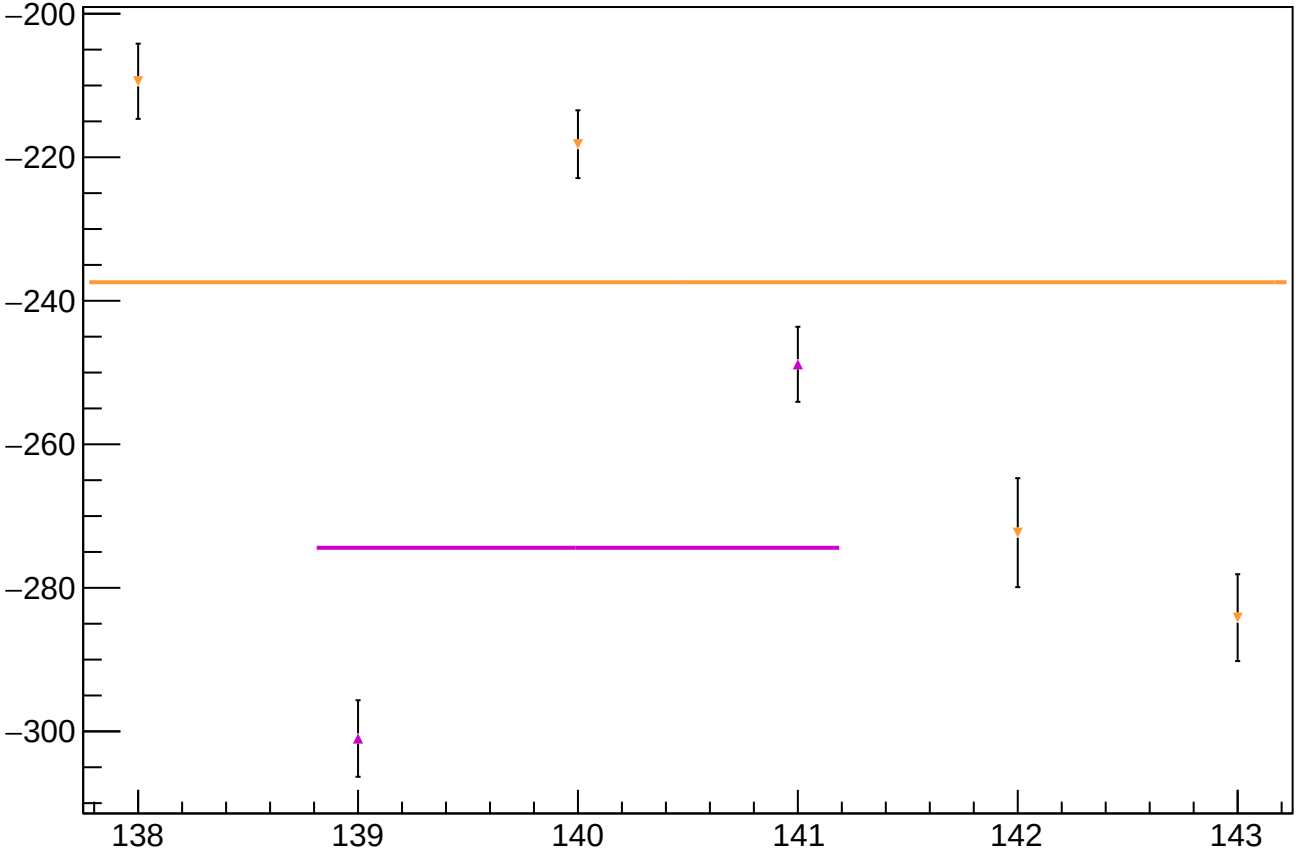
Left In: 147.884+/-0.142 χ^2/NDF:1150.6/1

+ sign 105.433+/-0.060 χ^2/NDF: 571852.0/20

All: 100.412+/-0.042 χ^2/NDF: 1172822.3/41

- sign 95.631+/-0.058 χ^2/NDF: 587111.1/20

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -237.415+/-2.819 χ^2/NDF:125.9/3

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

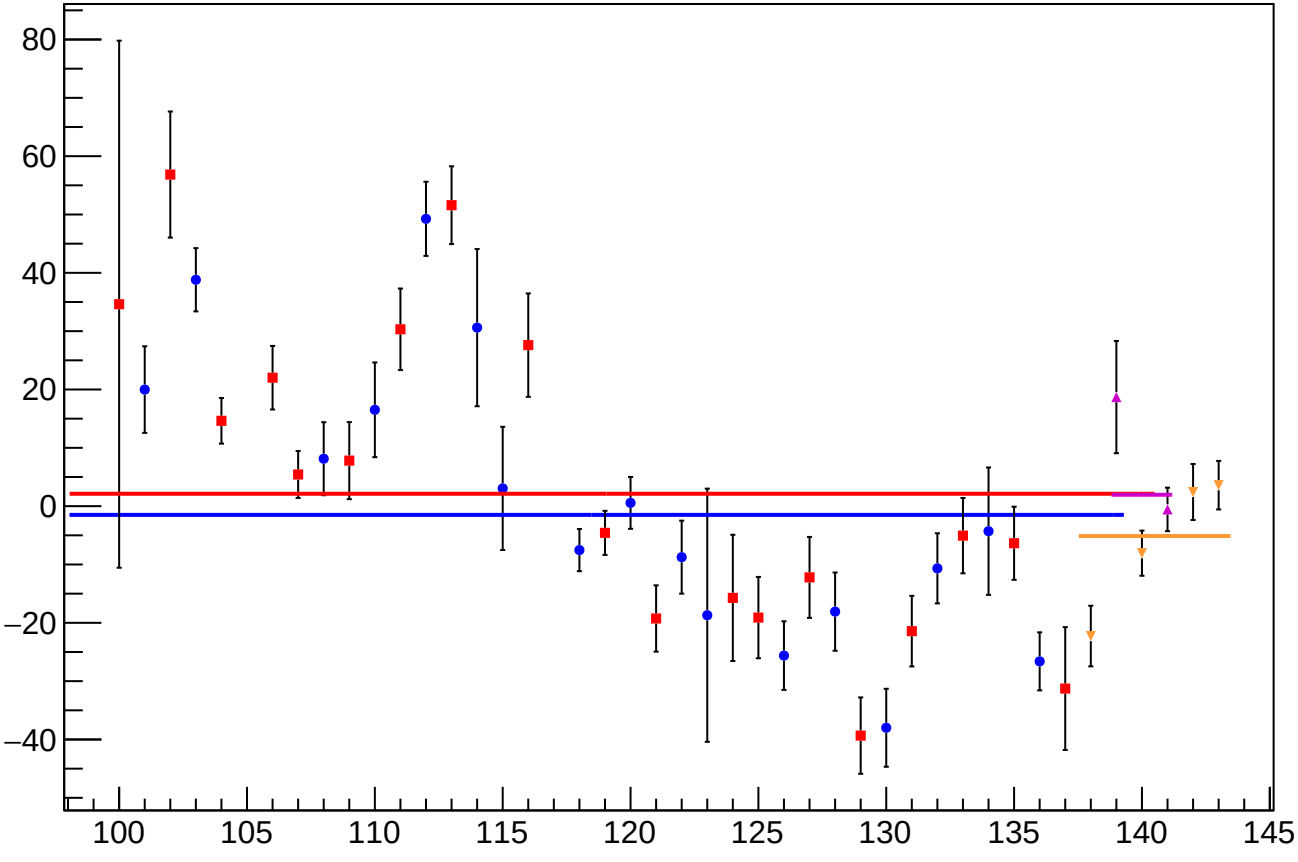
Left In: -274.416+/-3.735 χ^2/NDF:48.7/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -250.843+/-2.250 χ^2/NDF: 237.1/5

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.492+/-1.513 χ^2/NDF: 226.1/16

Left Out: -5.123+/-2.209 χ^2/NDF:18.3/3

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

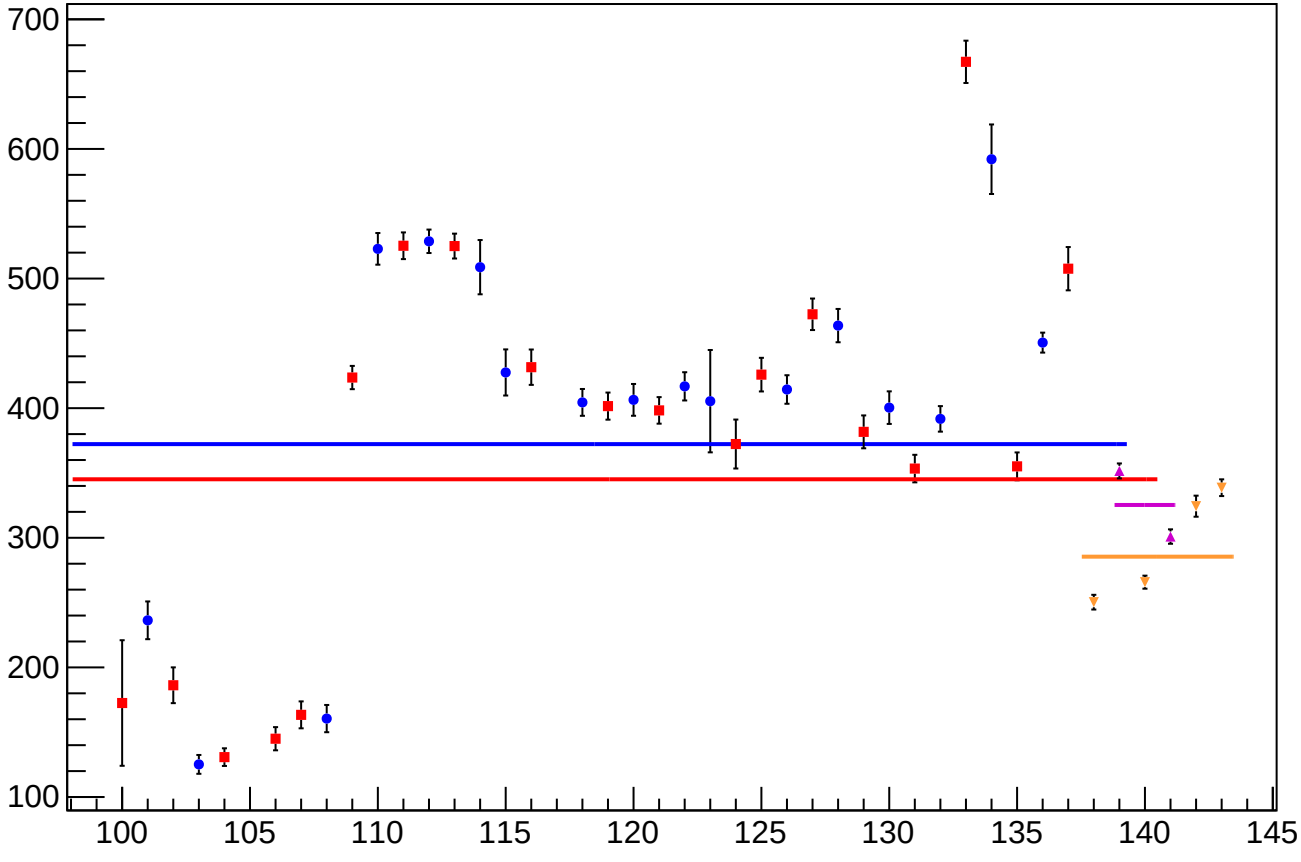
Left In: 1.955+/-3.476 χ^2/NDF:3.5/1

+ sign -2.652+/-1.248 χ^2/NDF: 246.3/20

All: -0.372+/-0.901 χ^2/NDF: 489.3/41

- sign 2.103+/-1.300 χ^2/NDF: 236.1/20

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 285.432+/-3.020 χ^2/NDF:144.4/3

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

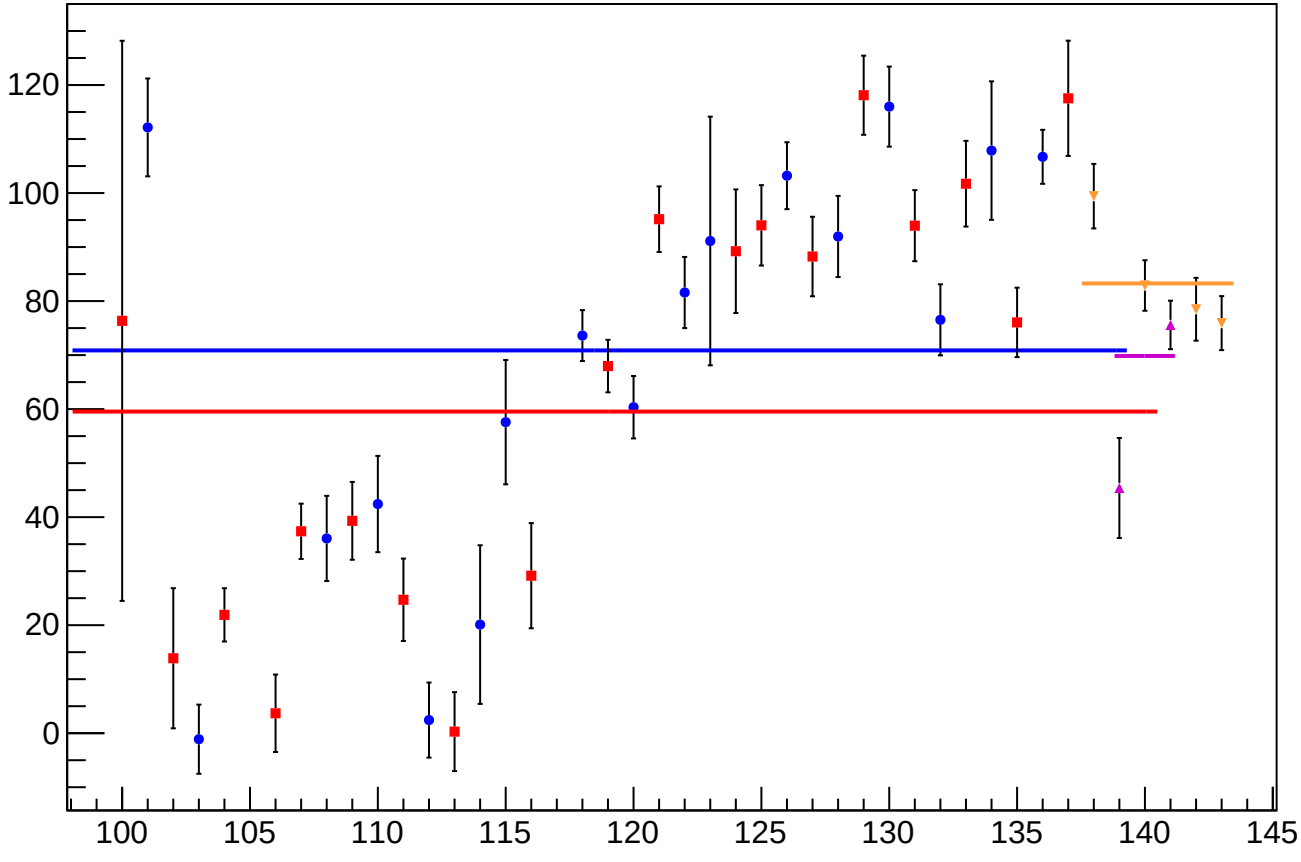
Left In: 325.318+/-4.005 χ^2/NDF:39.9/1

+ sign 332.758+/-2.037 χ^2/NDF: 3028.0/20

All: 335.879+/-1.481 χ^2/NDF: 6506.7/41

- sign 339.381+/-2.158 χ^2/NDF: 3473.7/20

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 83.268+/-2.641 χ^2/NDF:10.2/3

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

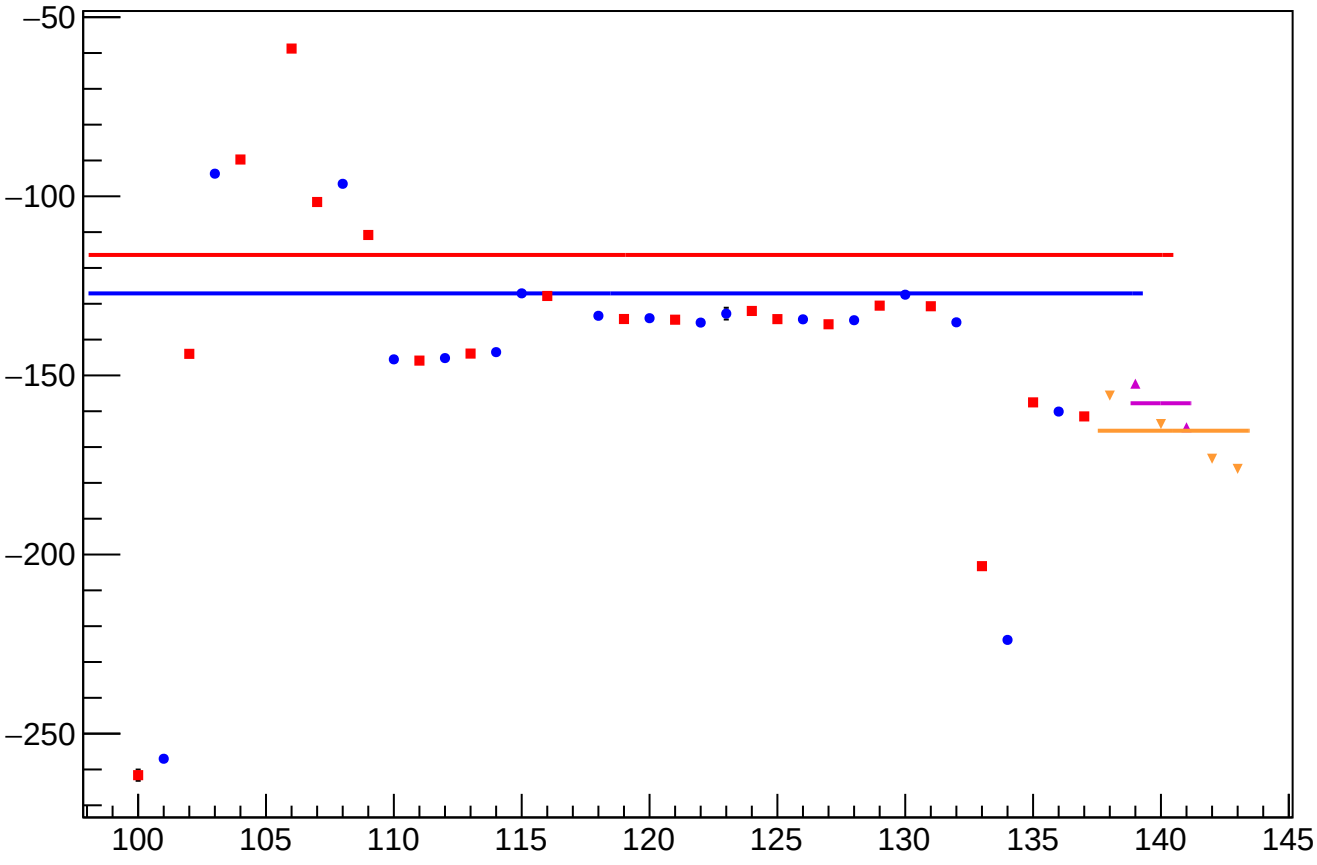
Left In: 69.842+/-4.039 χ^2/NDF:8.6/1

+ sign 74.629+/-1.455 χ^2/NDF: 452.5/20

All: 68.083+/-1.049 χ^2/NDF: 999.7/41

- sign 60.992+/-1.514 χ^2/NDF: 505.1/20

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -165.437+/-0.125 χ^2/NDF:4218.8/3

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

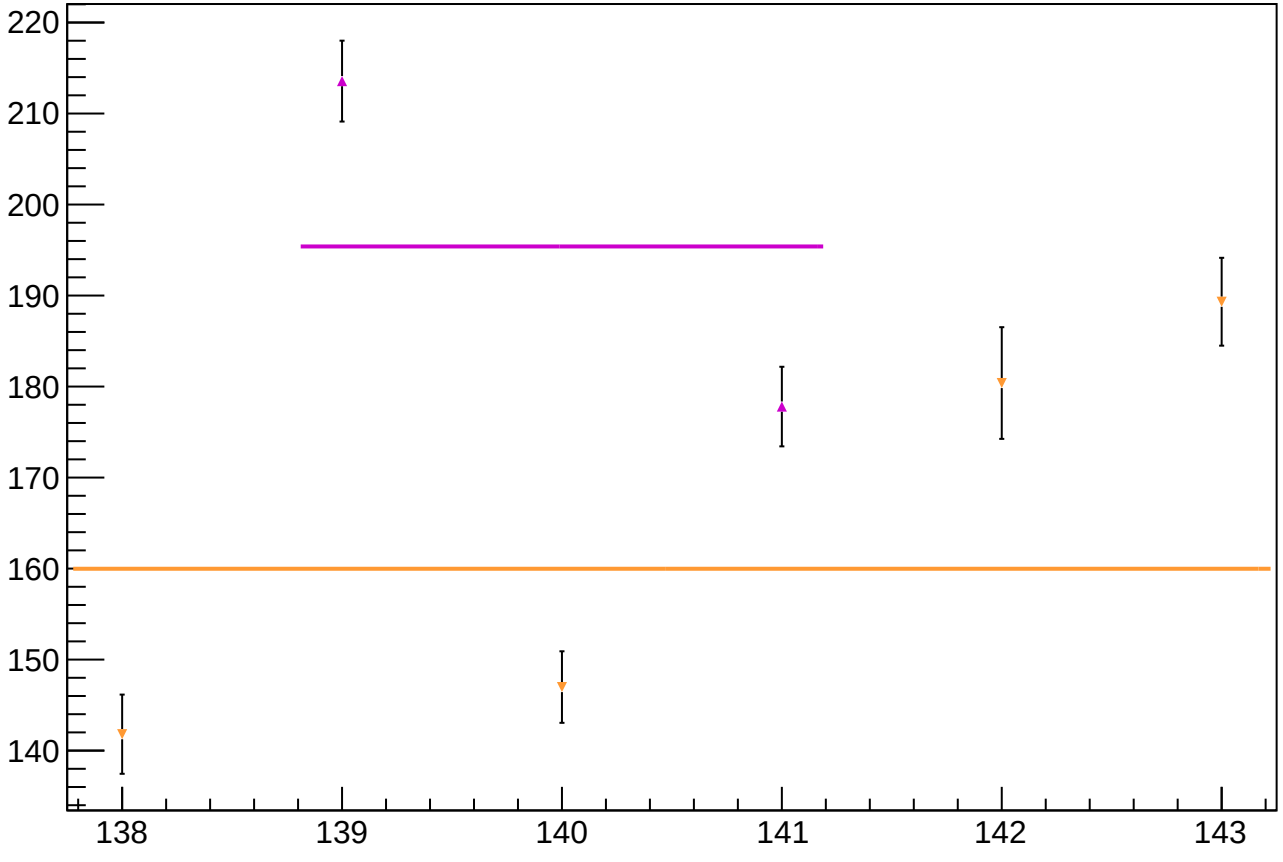
Left In: -157.770+/-0.151 χ^2/NDF:1604.2/1

+ sign -140.147+/-0.073 χ^2/NDF: 233791.3/20

All: -133.055+/-0.051 χ^2/NDF: 479769.2/41

- sign -125.952+/-0.073 χ^2/NDF: 226899.1/20

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 159.981+/-2.312 χ^2/NDF:76.4/3

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

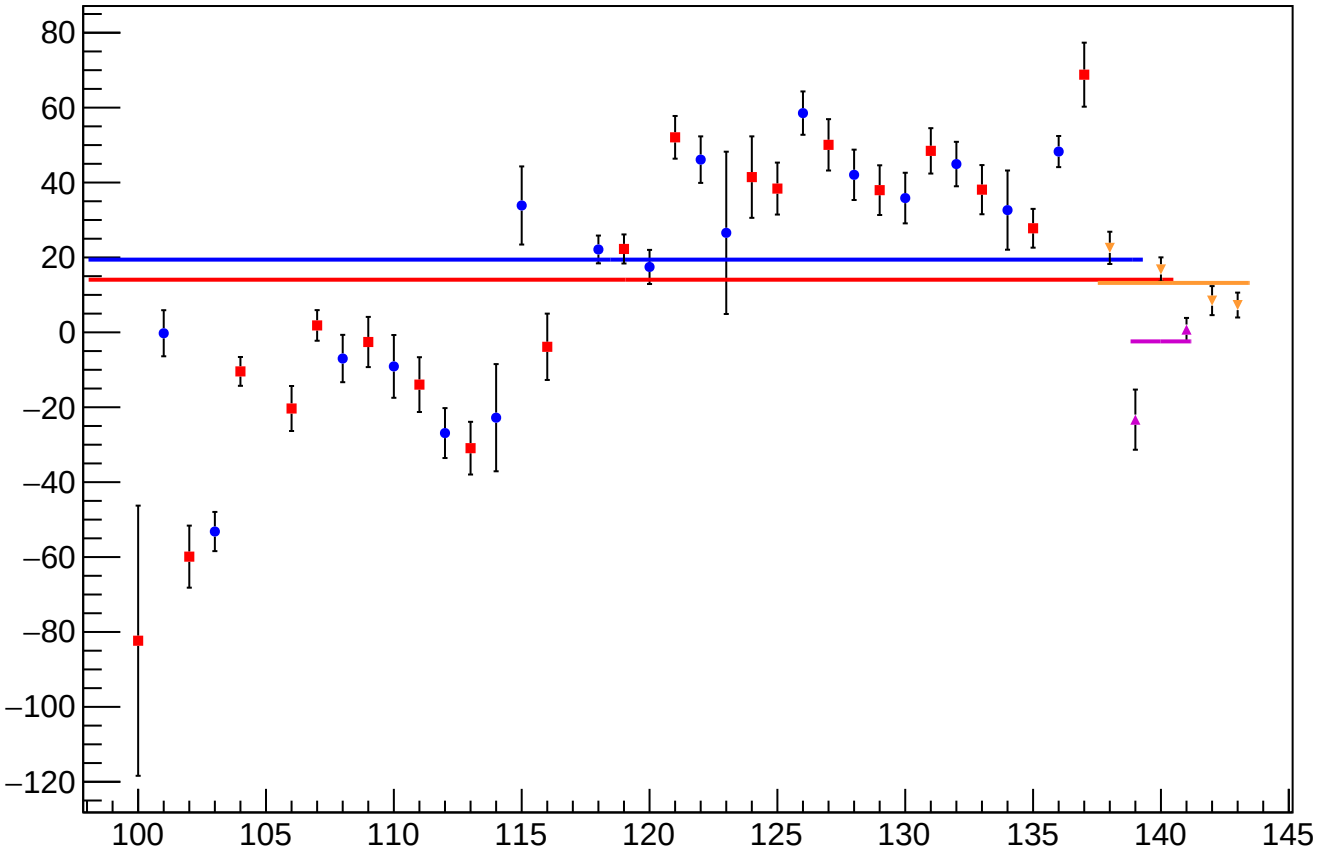
Left In: 195.394+/-3.116 χ^2/NDF:32.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 172.555+/-1.857 χ^2/NDF: 192.6/5

- 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: 13.202+/-1.804 χ^2/NDF:10.6/3

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

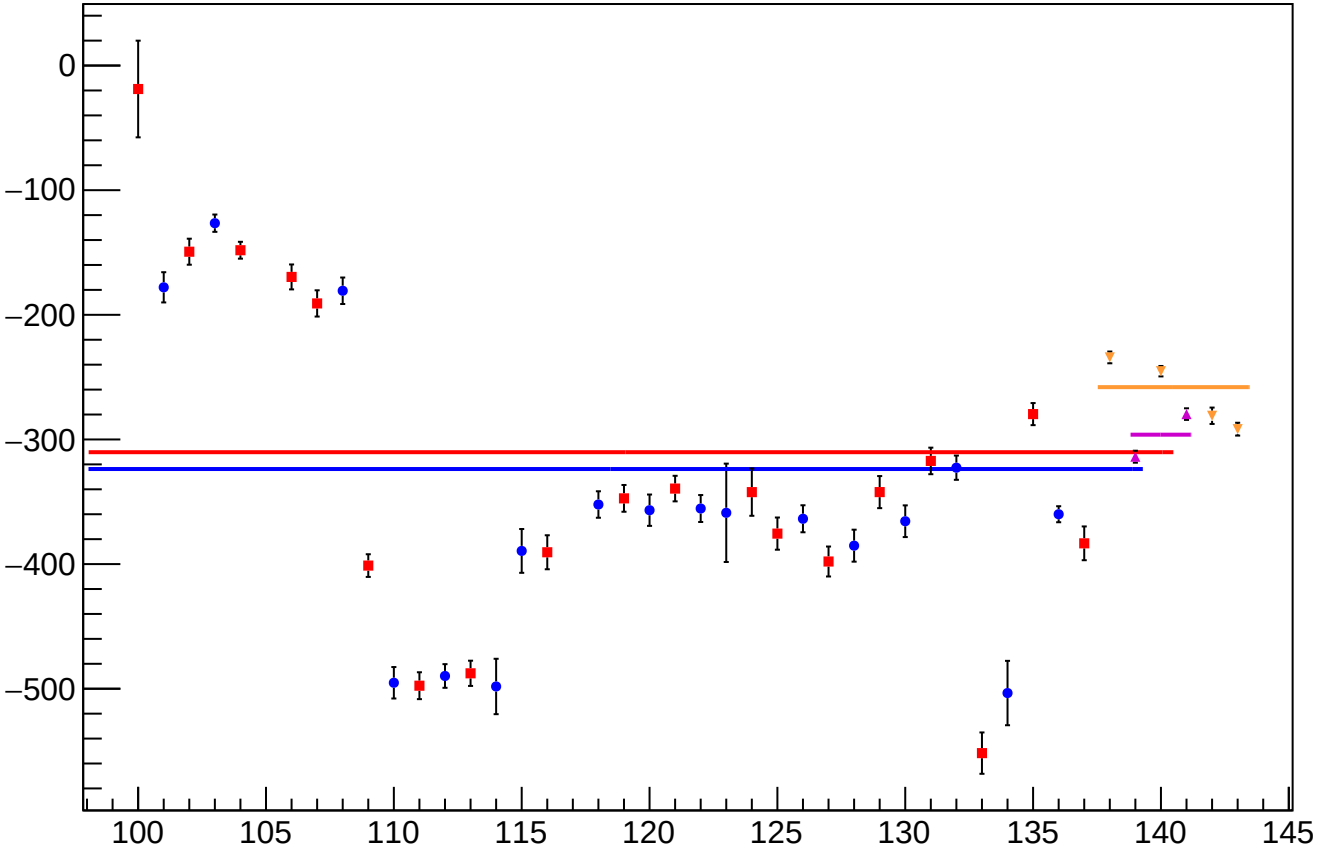
Left In: -2.416+/-2.906 χ^2/NDF:7.8/1

+ sign 16.916+/-1.144 χ^2/NDF: 458.8/20

All: 14.224+/-0.846 χ^2/NDF: 941.5/41

- sign 10.982+/-1.255 χ^2/NDF: 470.5/20

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -258.032+/-2.478 χ^2/NDF:90.0/3

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

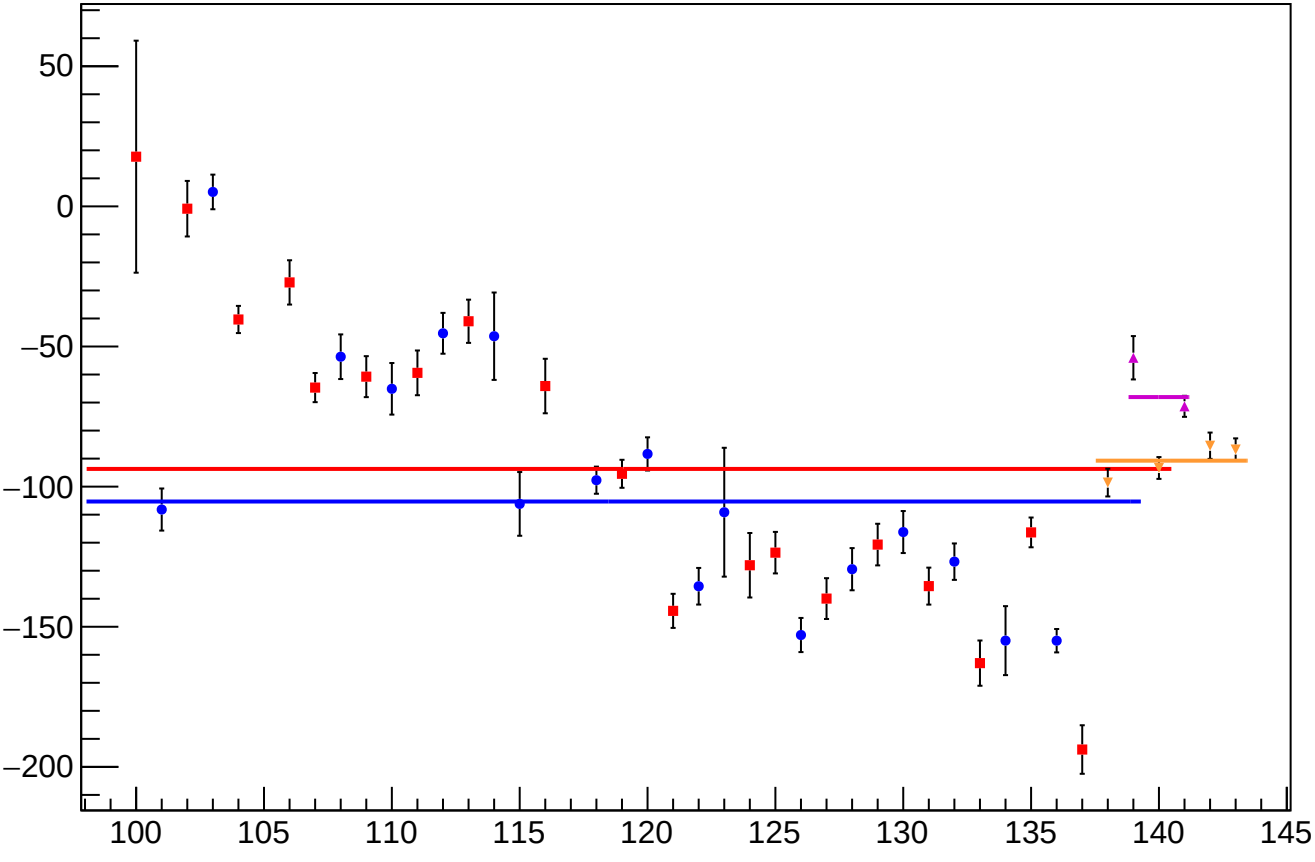
Left In: -296.170+/-3.342 χ^2/NDF:26.1/1

+ sign -288.449+/-1.816 χ^2/NDF: 2266.2/20

All: -295.926+/-1.348 χ^2/NDF: 4641.4/41

- sign -305.122+/-2.014 χ^2/NDF: 2337.4/20

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -90.736+/-2.157 χ^2/NDF:5.2/3

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

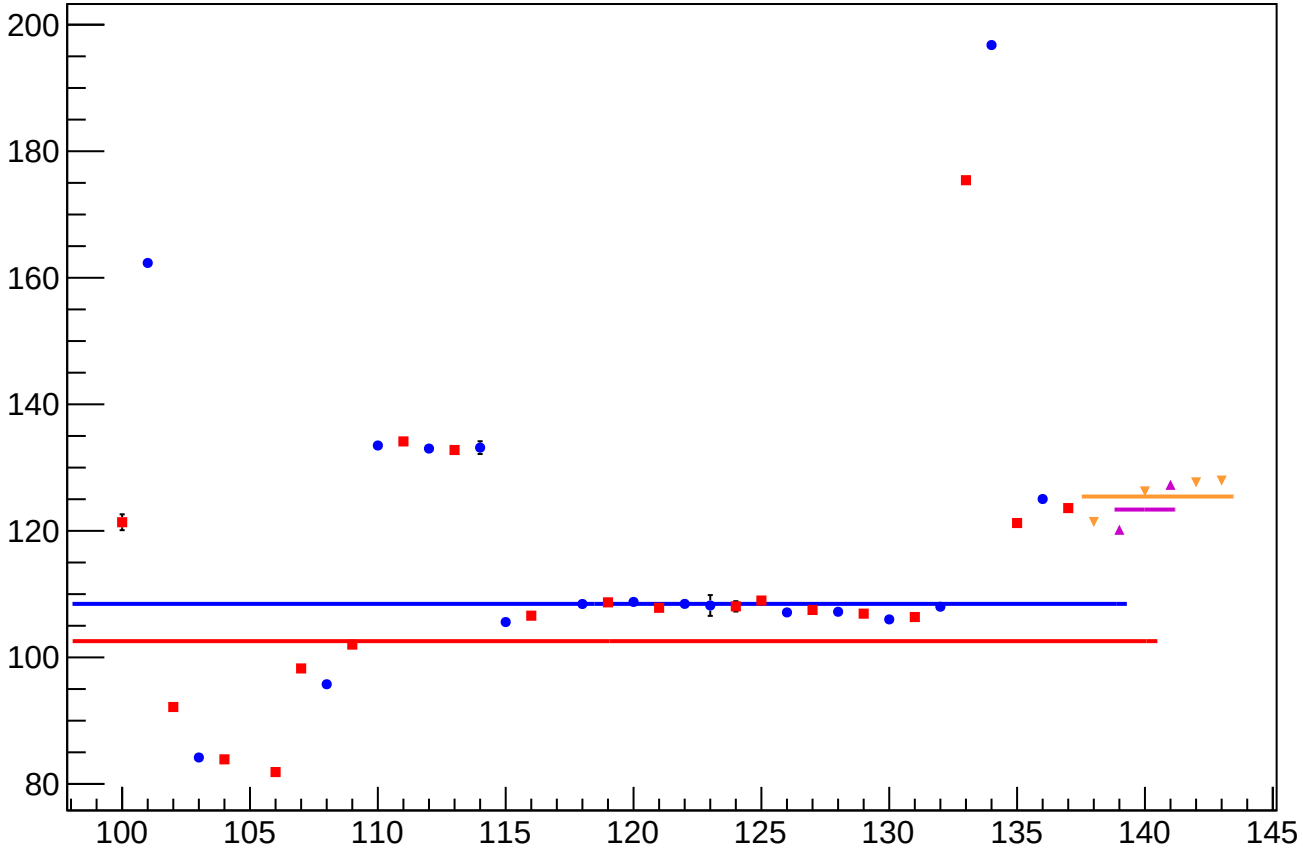
Left In: -68.041+/-3.376 χ^2/NDF:4.1/1

+ sign -99.751+/-1.332 χ^2/NDF: 771.0/20

All: -94.812+/-0.982 χ^2/NDF: 1678.7/41

- sign -88.922+/-1.454 χ^2/NDF: 877.5/20

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 125.428+/-0.102 χ^2/NDF:700.4/3

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

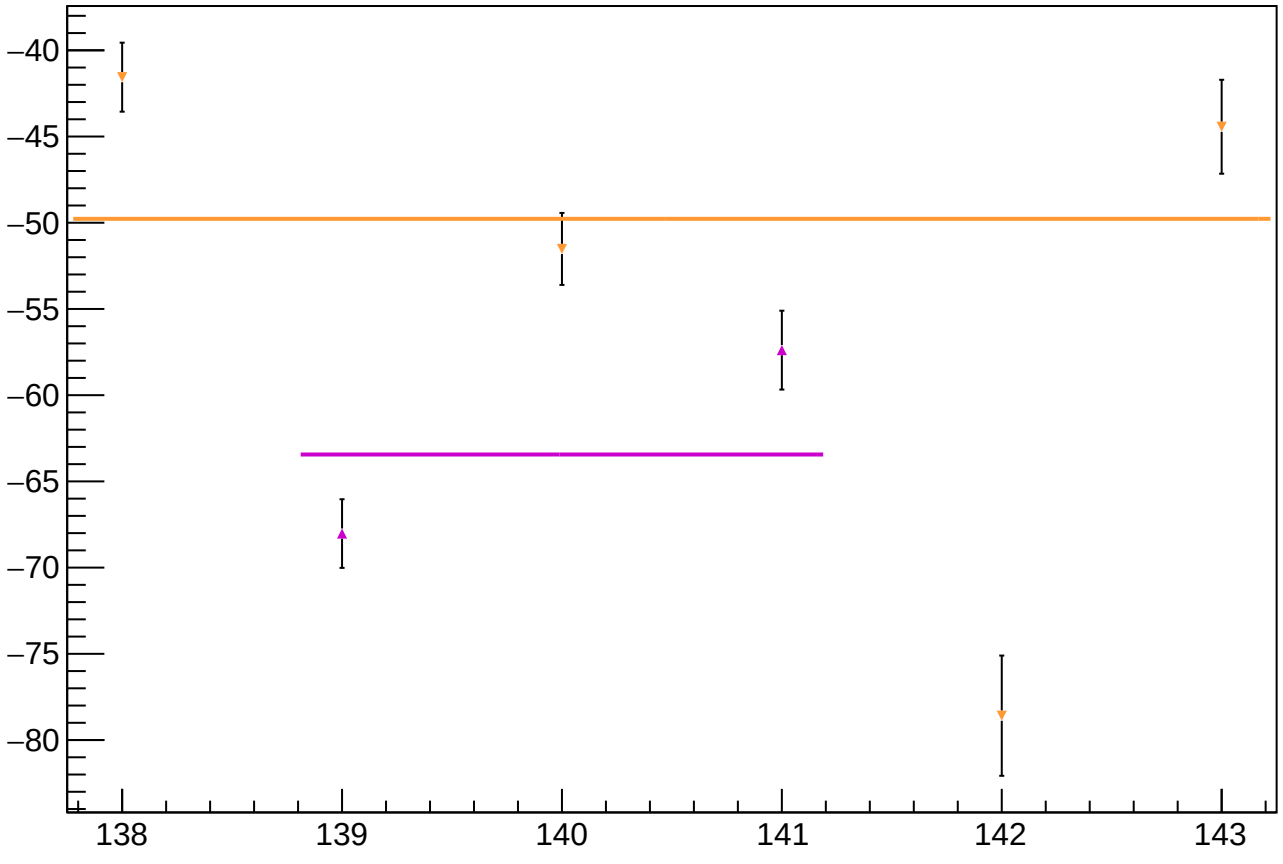
Left In: 123.367+/-0.126 χ^2/NDF:784.7/1

+ sign 115.384+/-0.065 χ^2/NDF: 90368.6/20

All: 112.037+/-0.047 χ^2/NDF: 169191.5/41

- sign 108.476+/-0.067 χ^2/NDF: 73382.1/20

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -49.772+/-1.198 χ^2/NDF:89.7/3

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

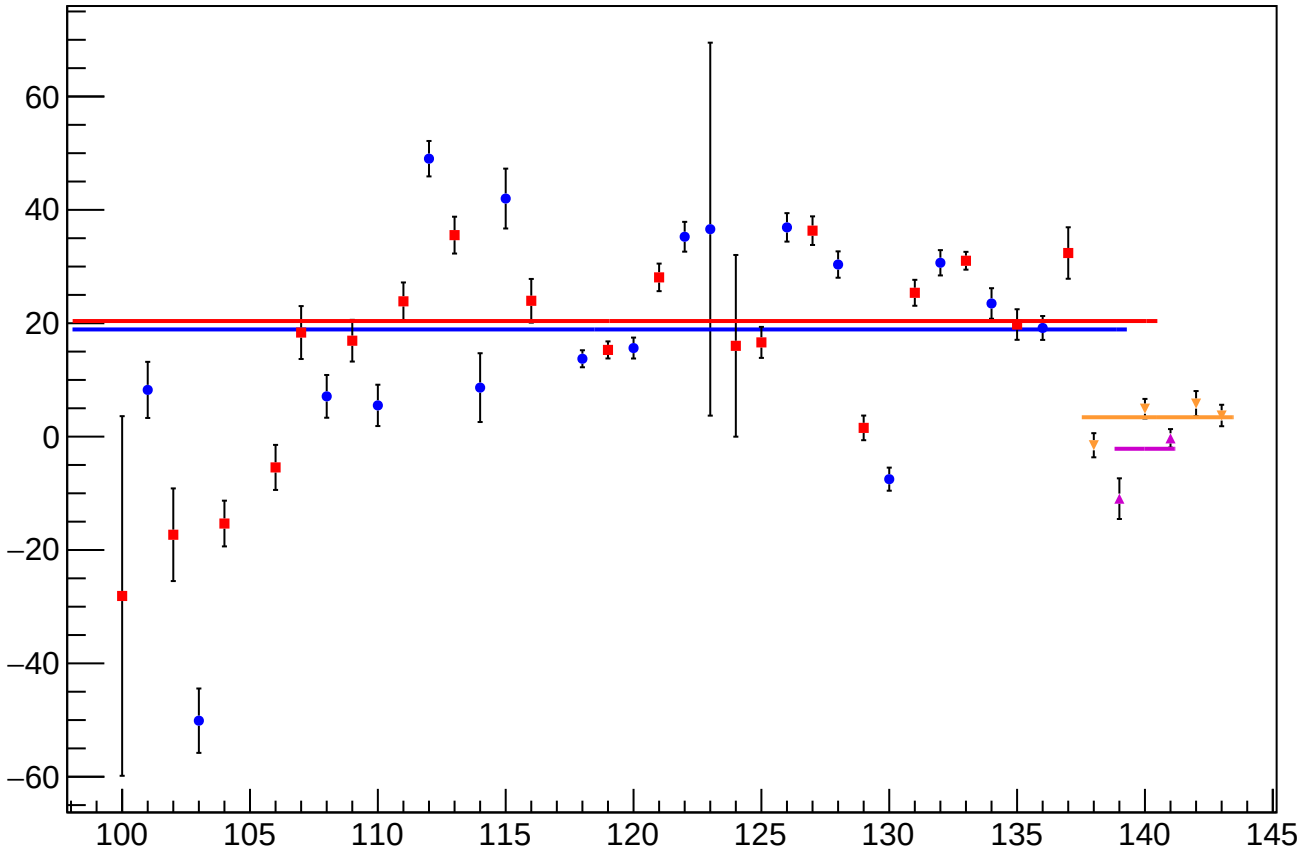
Left In: -63.440+/-1.501 χ^2/NDF:12.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -55.091+/-0.937 χ^2/NDF: 152.7/5

- 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: 3.417+/-0.980 χ^2/NDF:7.4/3

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

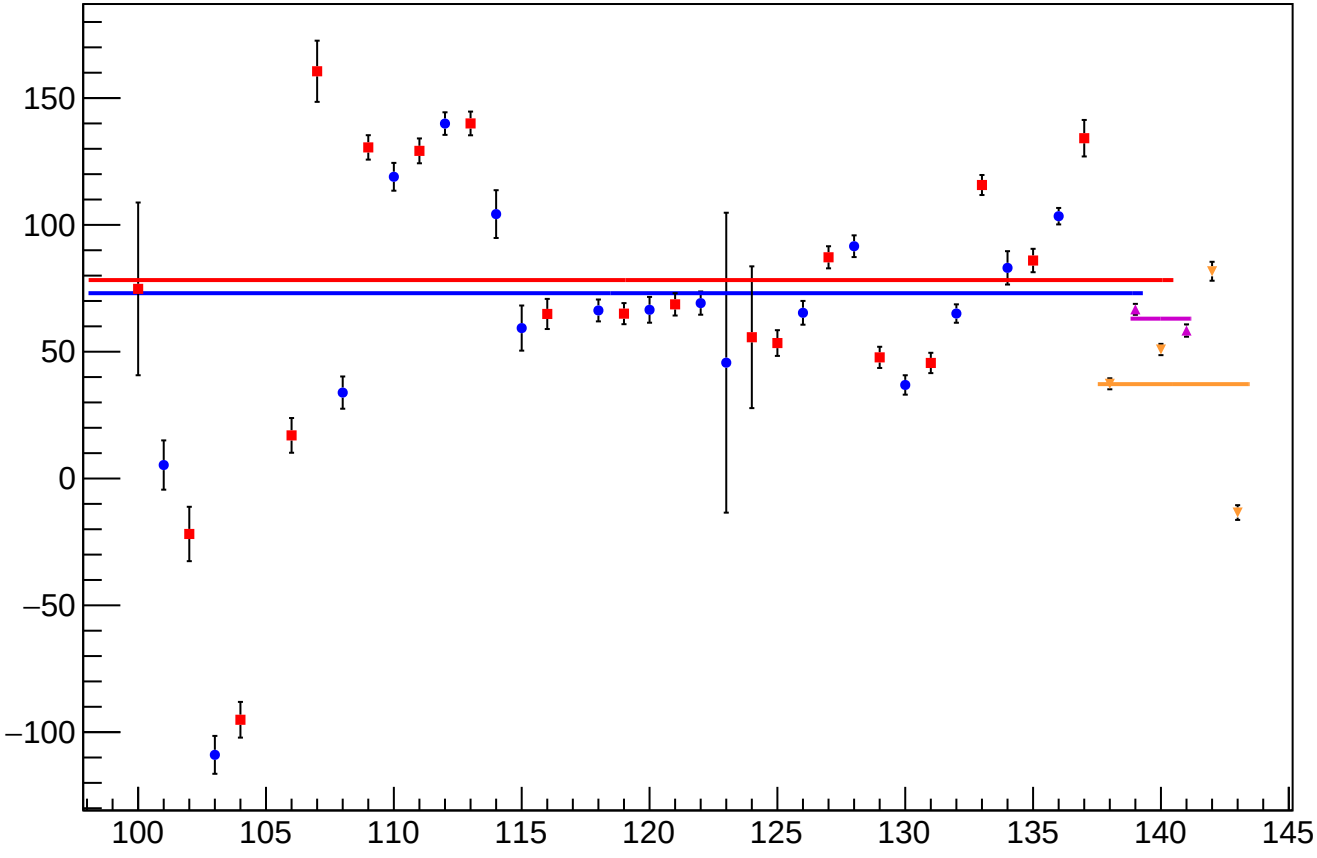
Left In: -2.143+/-1.490 χ^2/NDF:7.3/1

+ sign 14.240+/-0.538 χ^2/NDF: 800.8/20

All: 15.420+/-0.398 χ^2/NDF: 1376.7/41

- sign 16.845+/-0.591 χ^2/NDF: 565.3/20

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 37.214+/-1.286 χ^2/NDF:483.0/3

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

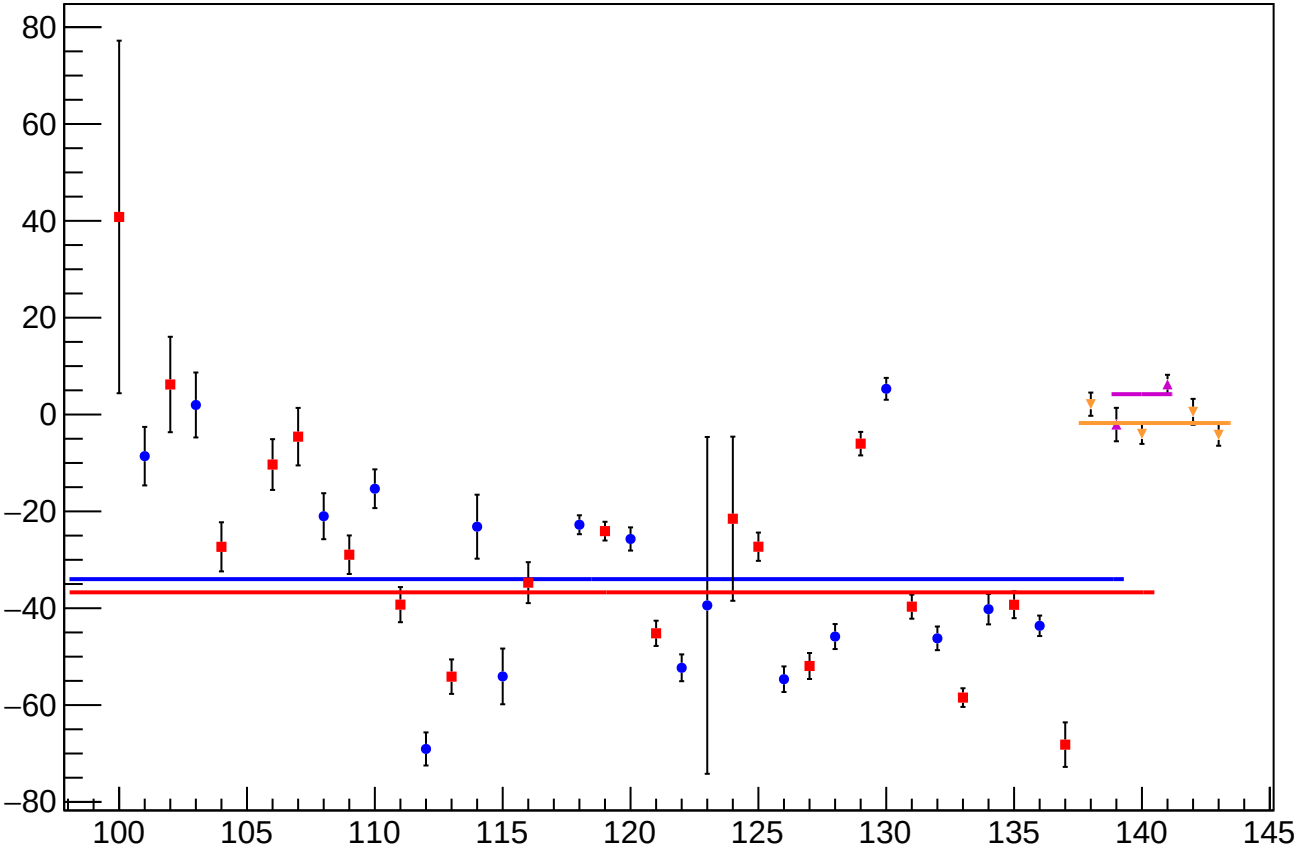
Left In: 63.028+/-1.613 χ^2/NDF:6.6/1

+ sign 55.971+/-0.888 χ^2/NDF: 2089.7/20

All: 63.558+/-0.656 χ^2/NDF: 3856.4/41

- sign 72.690+/-0.974 χ^2/NDF: 1605.8/20

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -1.754+/-1.160 χ^2/NDF:5.7/3

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

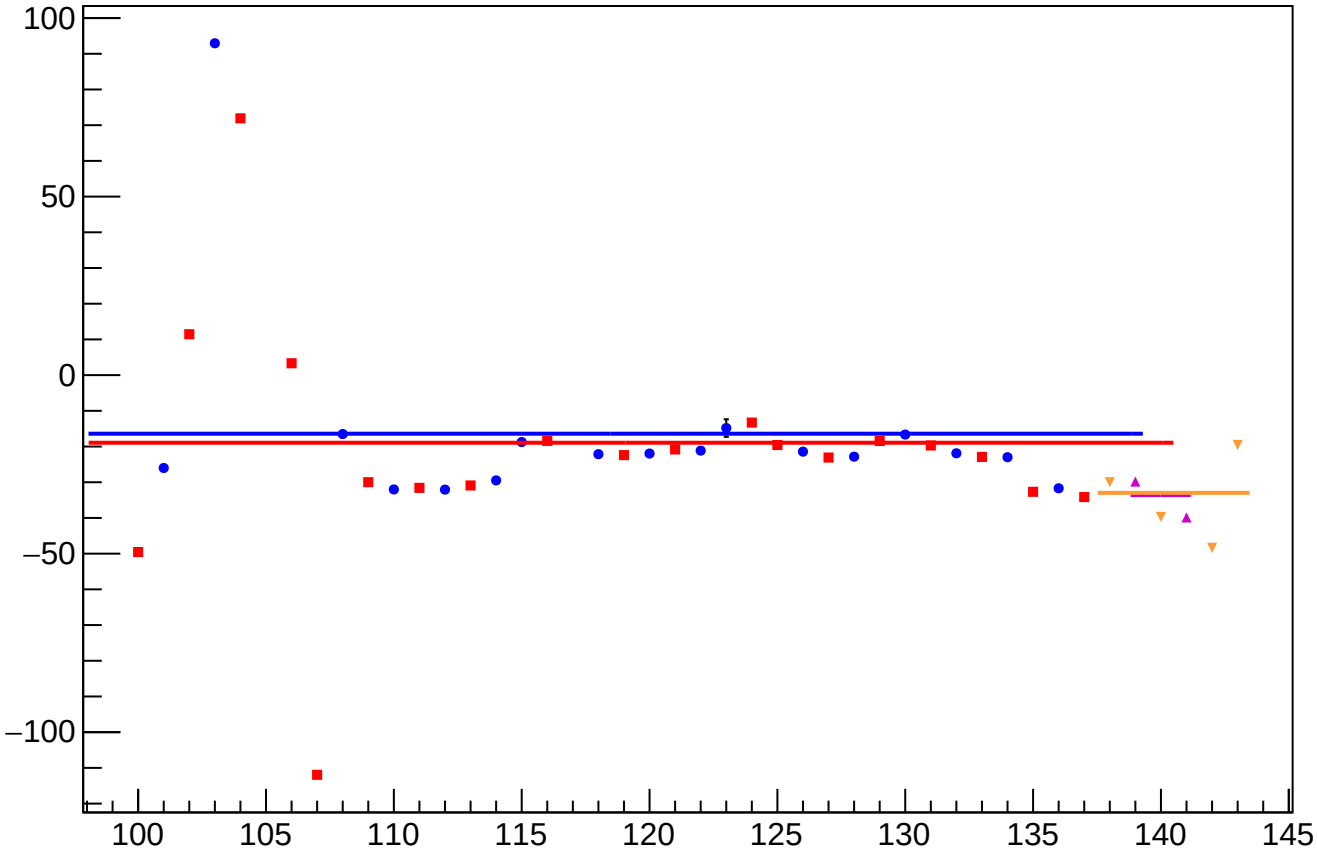
Left In: 4.206+/-1.708 χ^2/NDF:4.4/1

+ sign -24.739+/-0.622 χ^2/NDF: 1275.7/20

All: -27.285+/-0.458 χ^2/NDF: 2343.5/41

- sign -30.301+/-0.677 χ^2/NDF: 1031.2/20

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -32.967+/-0.052 χ^2/NDF:29972.8/3

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

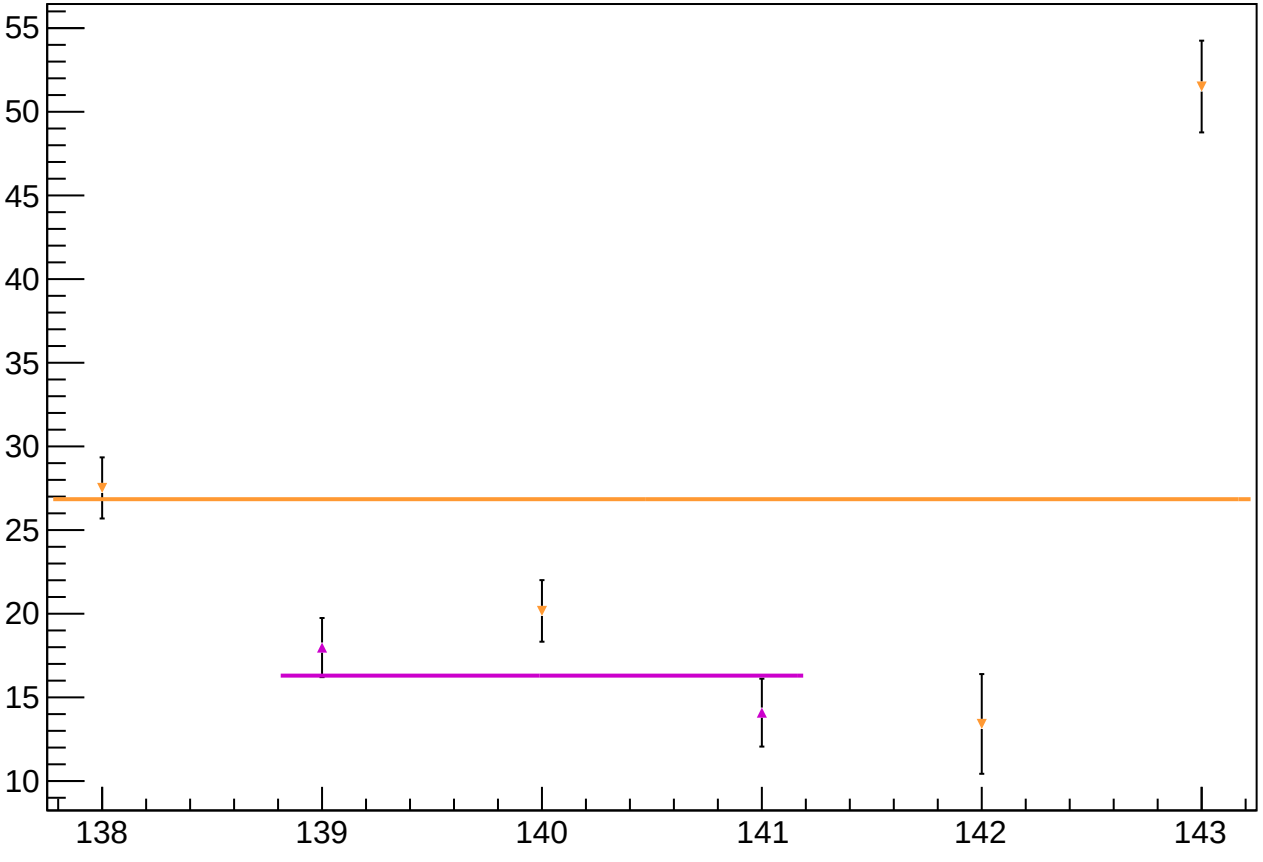
Left In: -33.579+/-0.060 χ^2/NDF:6579.0/1

+ sign -23.342+/-0.034 χ^2/NDF: 562534.2/20

All: -23.763+/-0.025 χ^2/NDF: 1041576.4/41

- sign -24.242+/-0.036 χ^2/NDF: 478712.1/20

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 26.845+/-1.091 χ^2/NDF:114.6/3

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

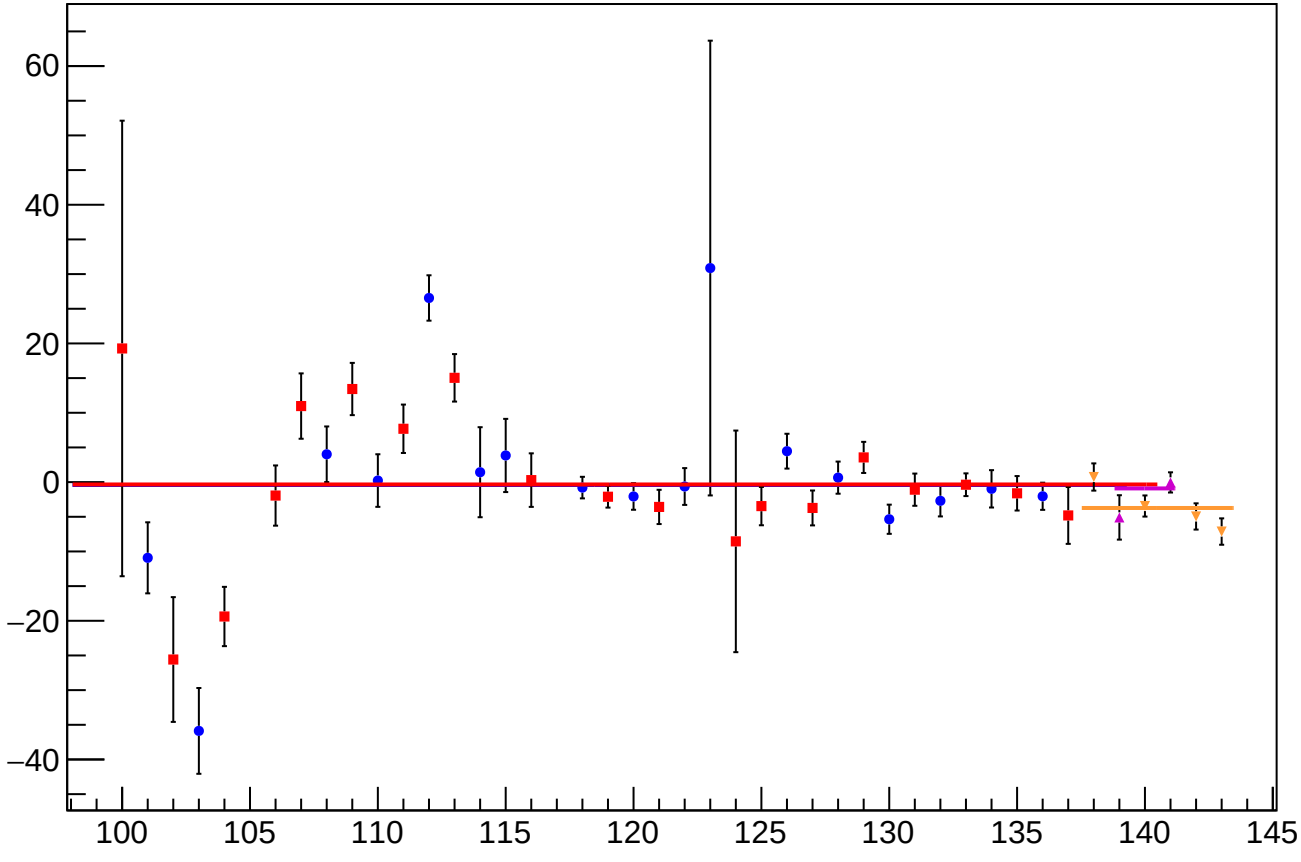
Left In: 16.300+/-1.332 χ^2/NDF:2.1/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 22.614+/-0.844 χ^2/NDF: 154.1/5

- 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: -3.731+/-0.896 χ^2/NDF:8.8/3

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

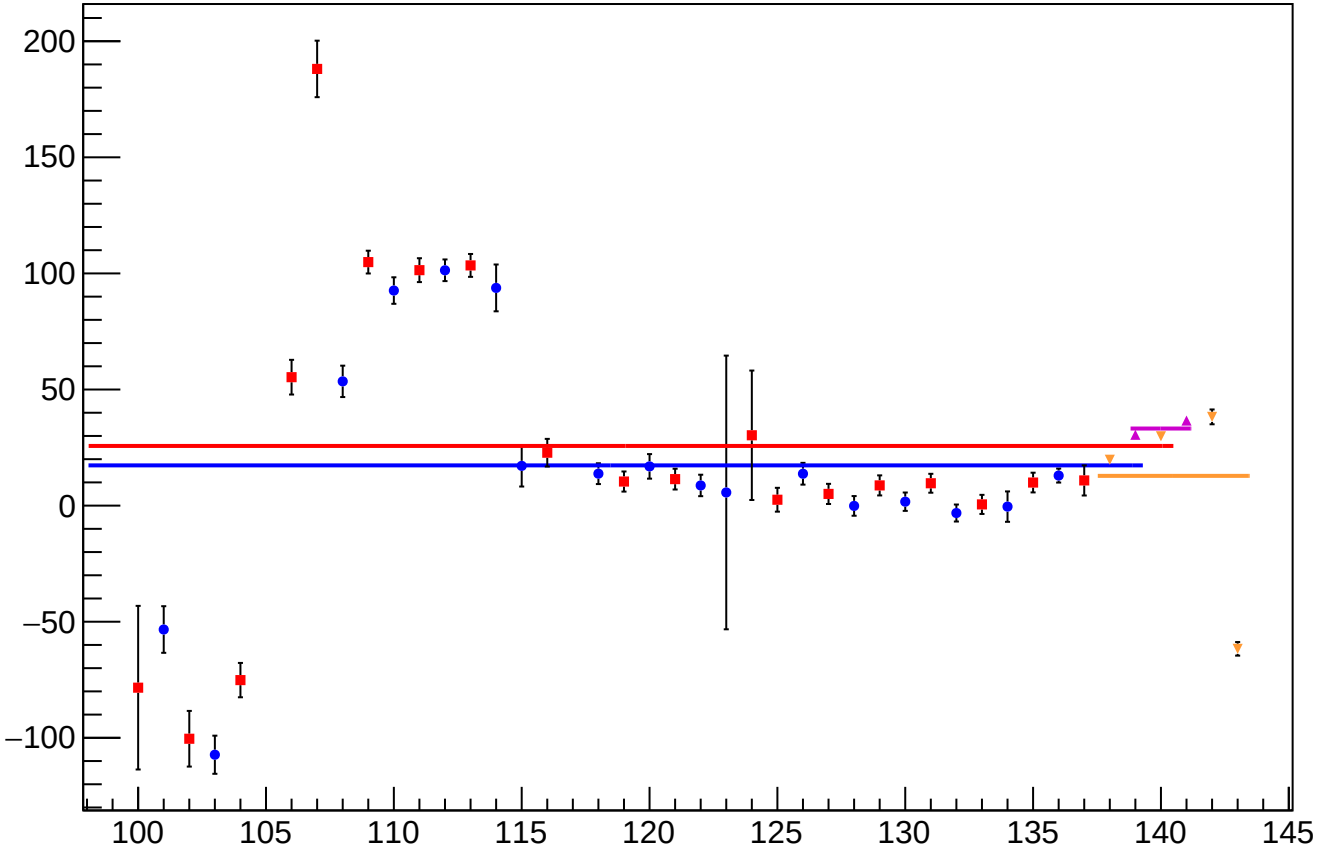
Left In: -0.911+/-1.326 χ^2/NDF:2.1/1

+ sign -1.565+/-0.528 χ^2/NDF: 137.7/20

All: -1.070+/-0.393 χ^2/NDF: 225.6/41

- sign -0.454+/-0.589 χ^2/NDF: 85.9/20

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 12.814+/-1.171 χ^2/NDF:799.2/3

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

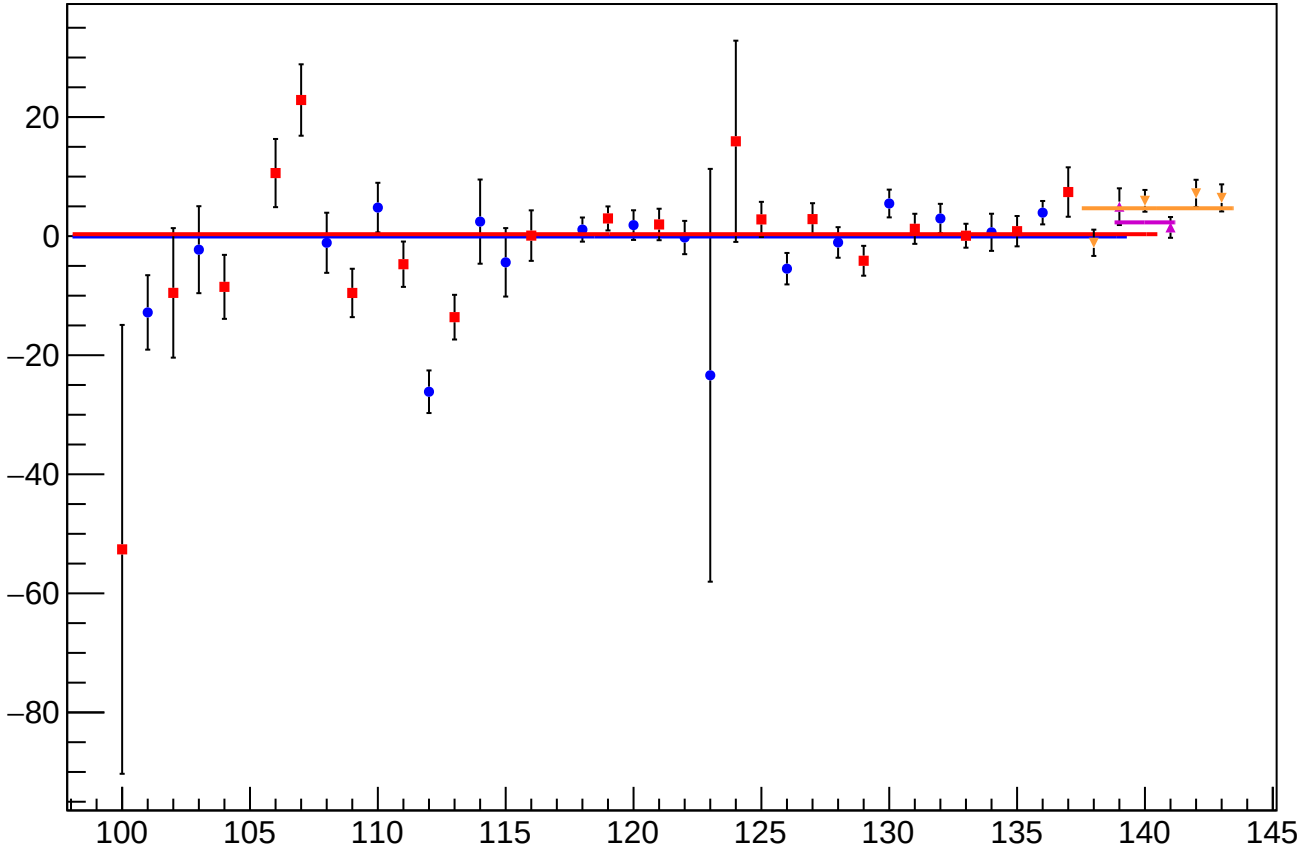
Left In: 33.199+/-1.431 χ^2/NDF:4.5/1

+ sign 14.944+/-0.851 χ^2/NDF: 1749.3/20

All: 21.253+/-0.630 χ^2/NDF: 3270.5/41

- sign 28.925+/-0.938 χ^2/NDF: 1399.2/20

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 4.681+/-1.060 χ^2/NDF:9.2/3

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

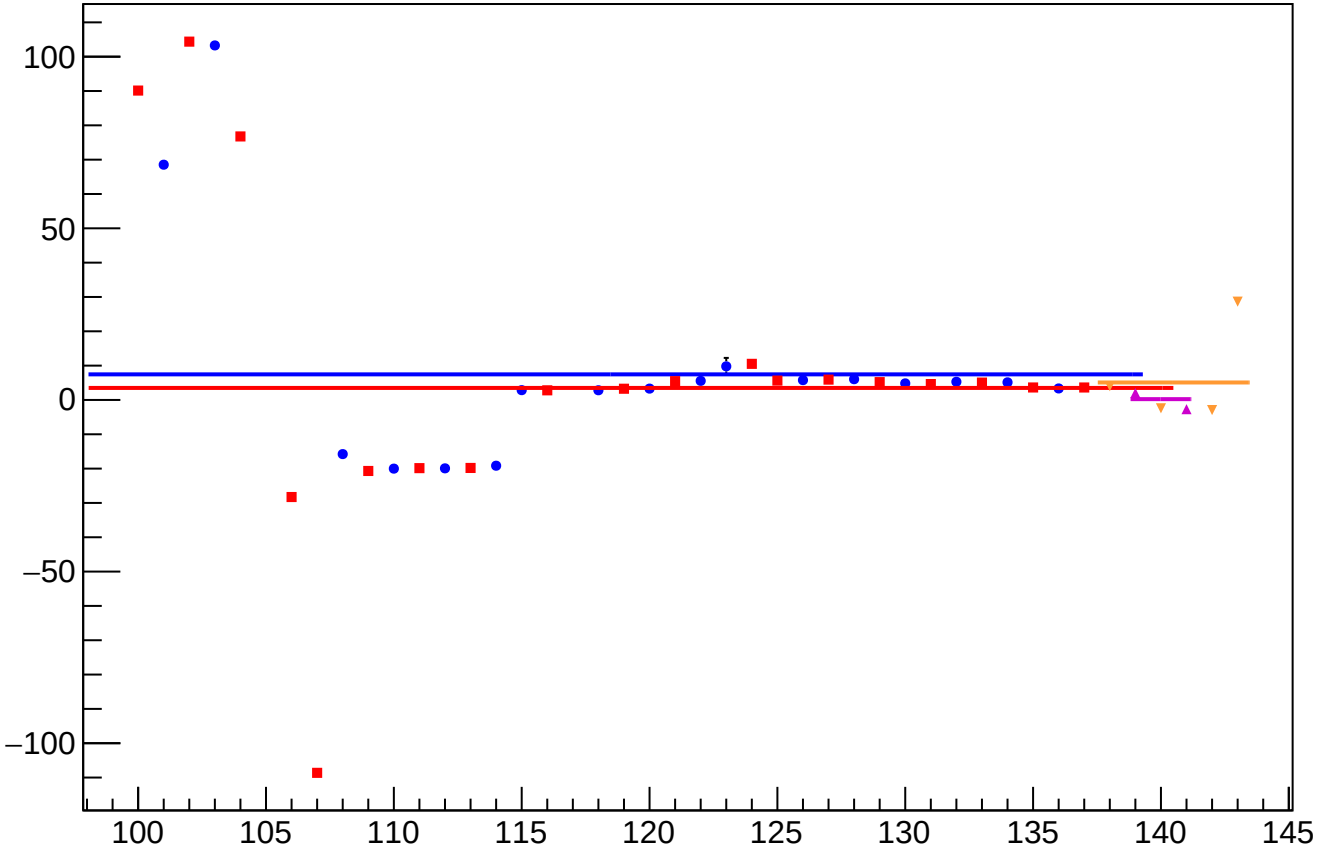
Left In: 2.310+/-1.519 χ^2/NDF:1.0/1

+ sign 1.504+/-0.609 χ^2/NDF: 99.1/20

All: 1.148+/-0.451 χ^2/NDF: 157.3/41

- sign 0.714+/-0.672 χ^2/NDF: 57.5/20

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: 5.090+/-0.048 χ^2/NDF:52405.1/3

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

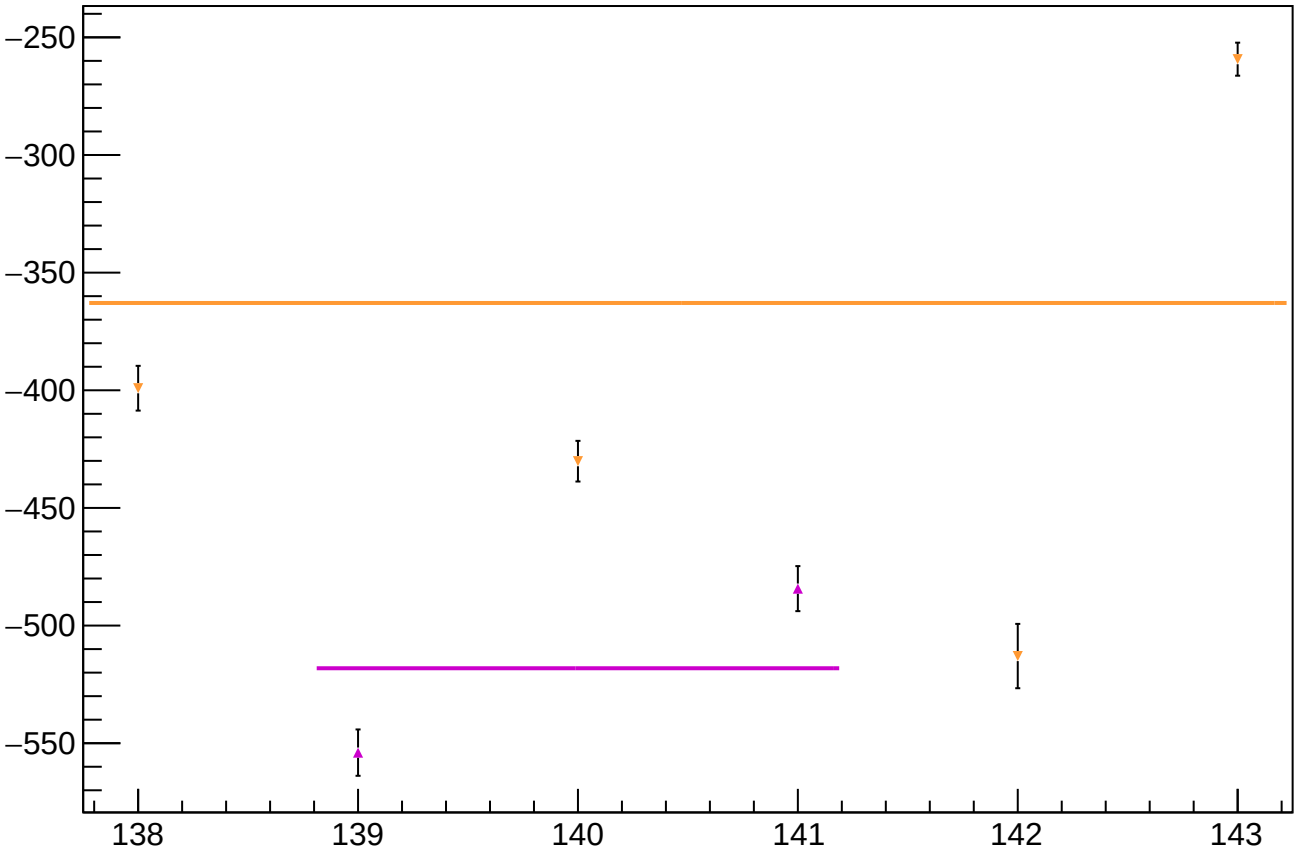
Left In: 0.236+/-0.053 χ^2/NDF:1827.0/1

+ sign 6.354+/-0.032 χ^2/NDF: 409777.2/20

All: 4.376+/-0.024 χ^2/NDF: 932279.5/41

- sign 2.125+/-0.035 χ^2/NDF: 514574.0/20

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -362.893+/-4.468 χ^2/NDF:413.5/3

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

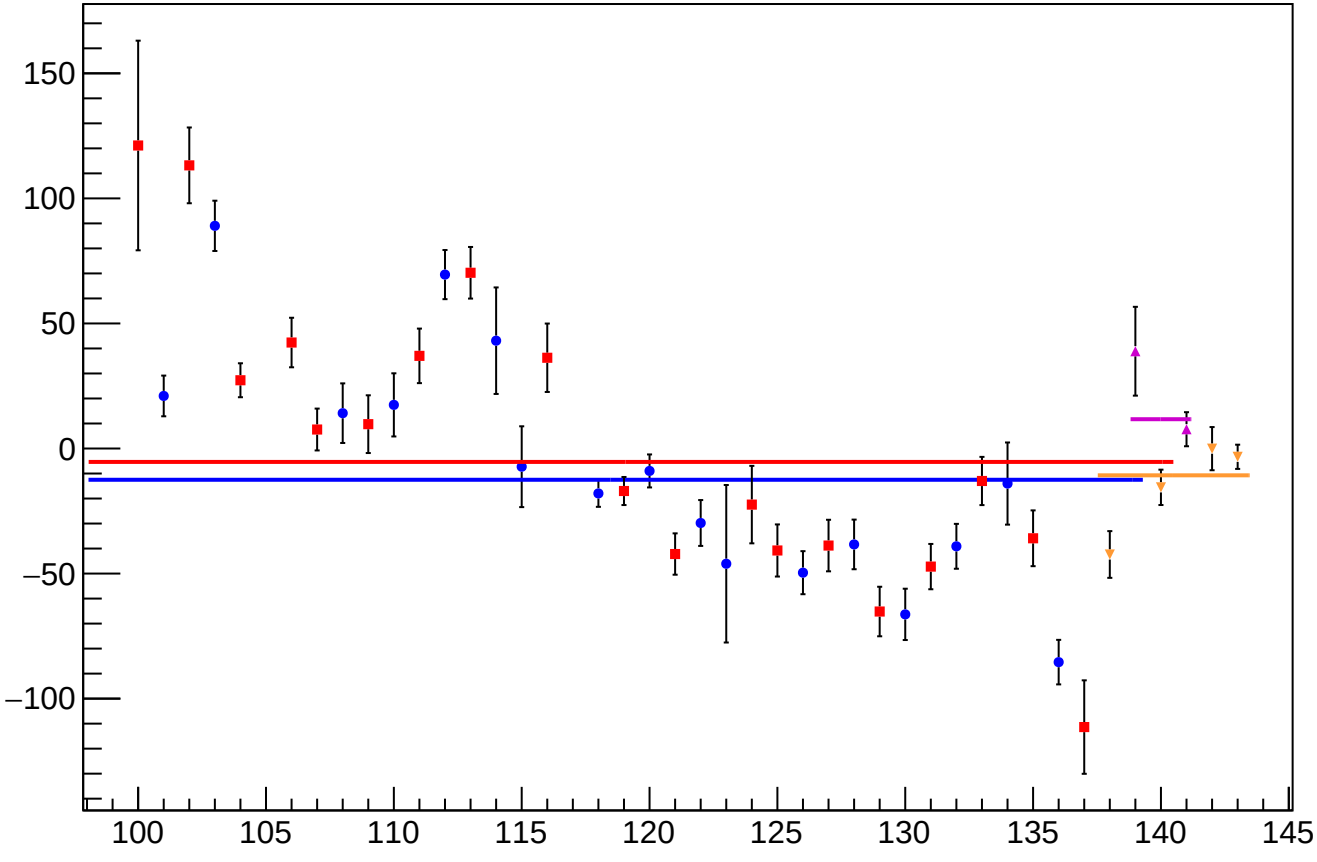
Left In: -518.141+/-6.863 χ^2/NDF:25.8/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -409.105+/-3.744 χ^2/NDF: 798.6/5

- 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: -10.721+/-3.379 χ^2/NDF:15.8/3

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

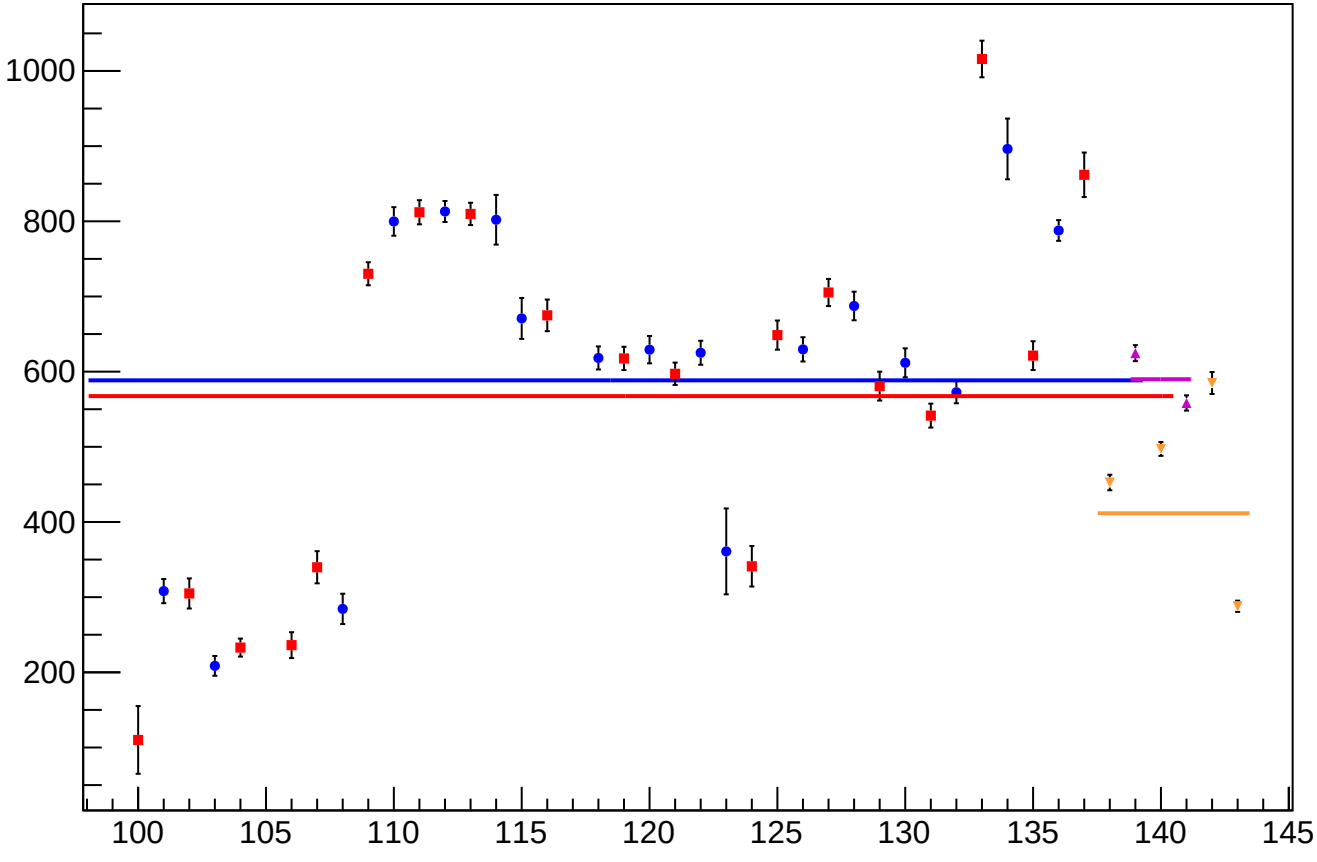
Left In: 11.713+/-6.361 χ^2/NDF:2.7/1

+ sign -11.933+/-1.908 χ^2/NDF: 357.1/20

All: -8.160+/-1.422 χ^2/NDF: 719.5/41

- sign -3.442+/-2.133 χ^2/NDF: 353.7/20

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 411.596+/-4.783 χ^2/NDF:515.2/3

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

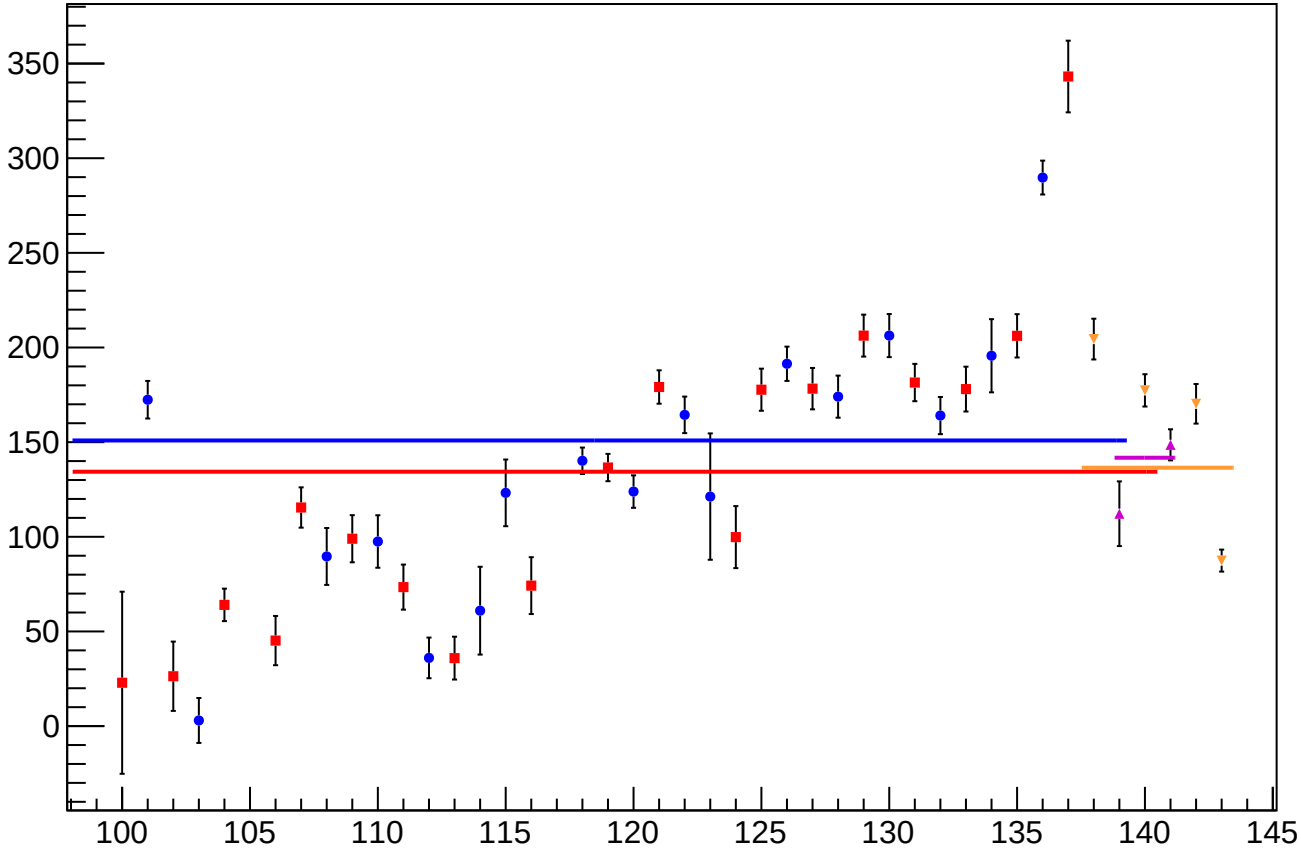
Left In: 589.905+/-7.360 χ^2/NDF:20.2/1

+ sign 508.970+/-3.206 χ^2/NDF: 3398.0/20

All: 537.166+/-2.396 χ^2/NDF: 6385.3/41

- sign 572.841+/-3.606 χ^2/NDF: 2812.1/20

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 136.512+/-4.045 χ^2/NDF:144.5/3

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

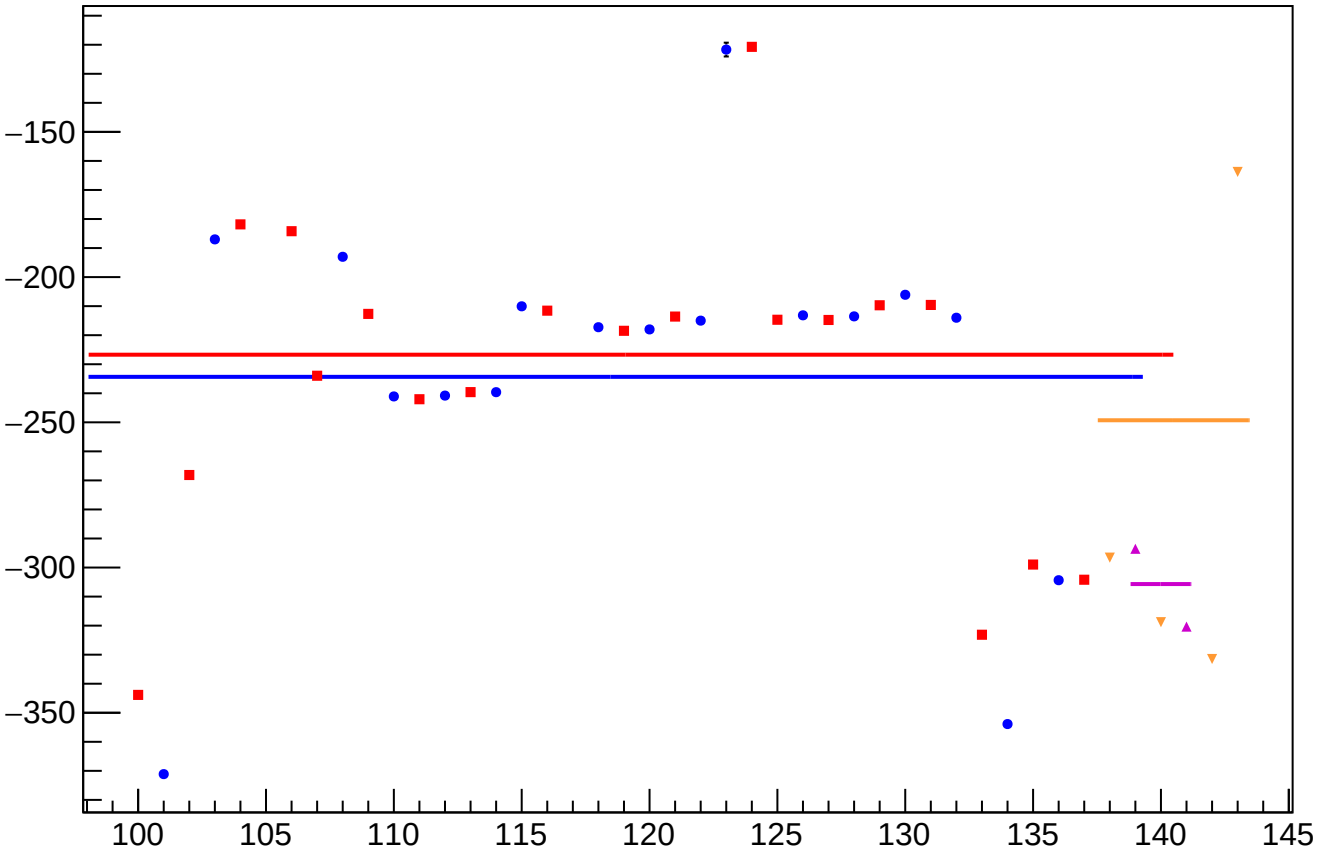
Left In: 141.766+/-7.399 χ^2/NDF:3.7/1

+ sign 146.518+/-2.231 χ^2/NDF: 788.1/20

All: 141.435+/-1.655 χ^2/NDF: 1389.2/41

- sign 135.203+/-2.469 χ^2/NDF: 589.5/20

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -249.292+/-0.196 χ^2/NDF:143490.6/3

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

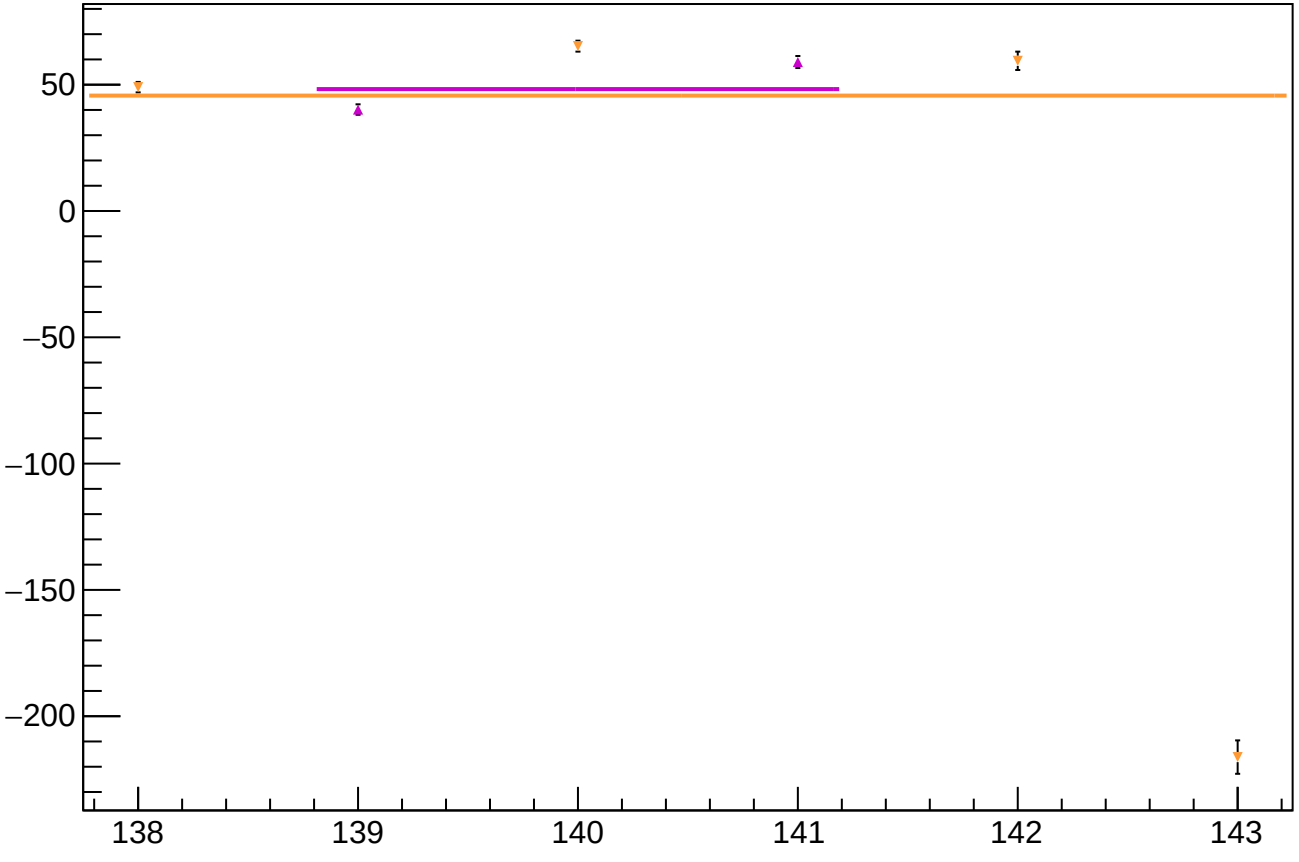
Left In: -305.687+/-0.278 χ^2/NDF:2305.5/1

+ sign -239.788+/-0.118 χ^2/NDF: 292358.2/20

All: -241.268+/-0.086 χ^2/NDF: 458618.2/41

- sign -242.948+/-0.126 χ^2/NDF: 165925.5/20

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 45.683+/-1.355 χ^2/NDF:1666.4/3

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

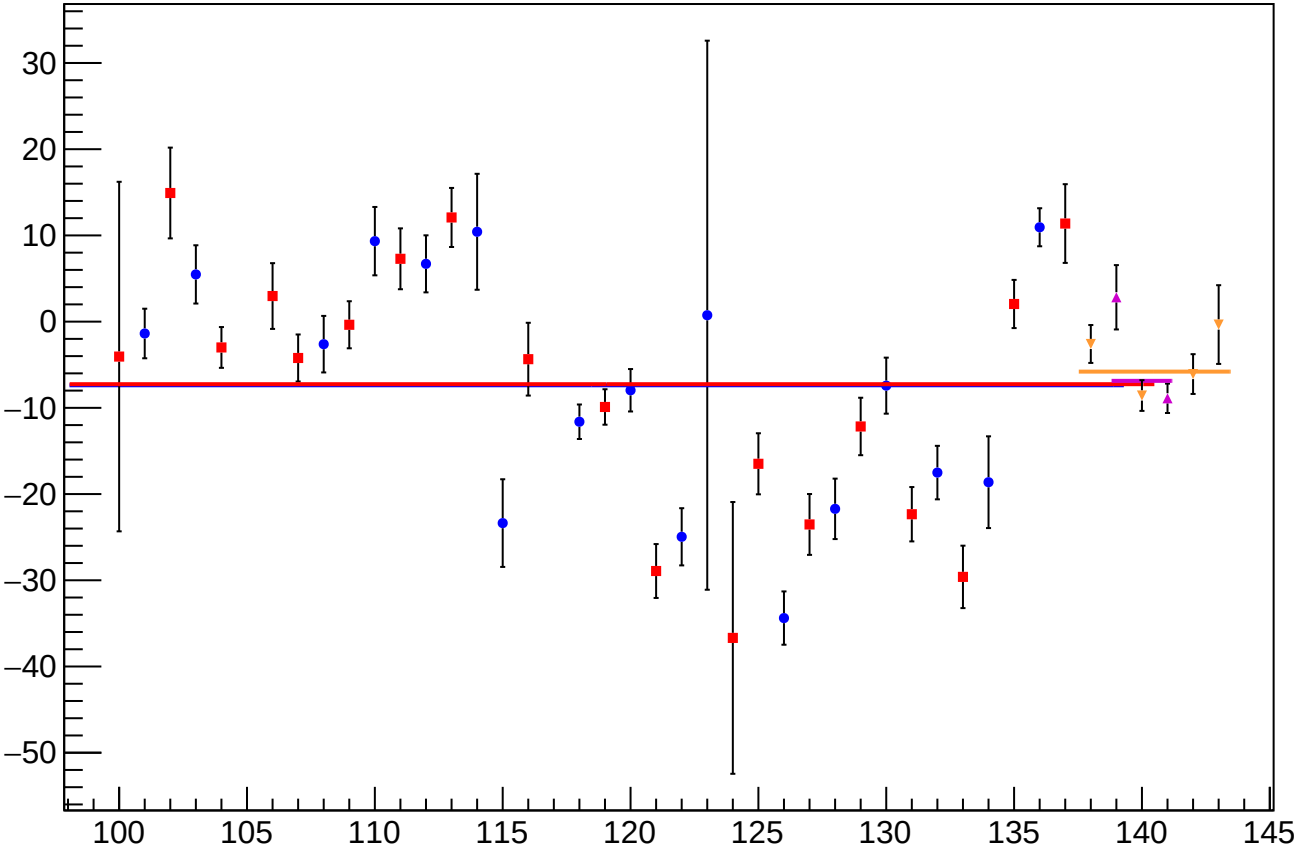
Left In: 48.260+/-1.561 χ^2/NDF:35.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 46.790+/-1.023 χ^2/NDF: 1703.6/5

- 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: -5.797+/-1.149 χ^2/NDF:6.0/3

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

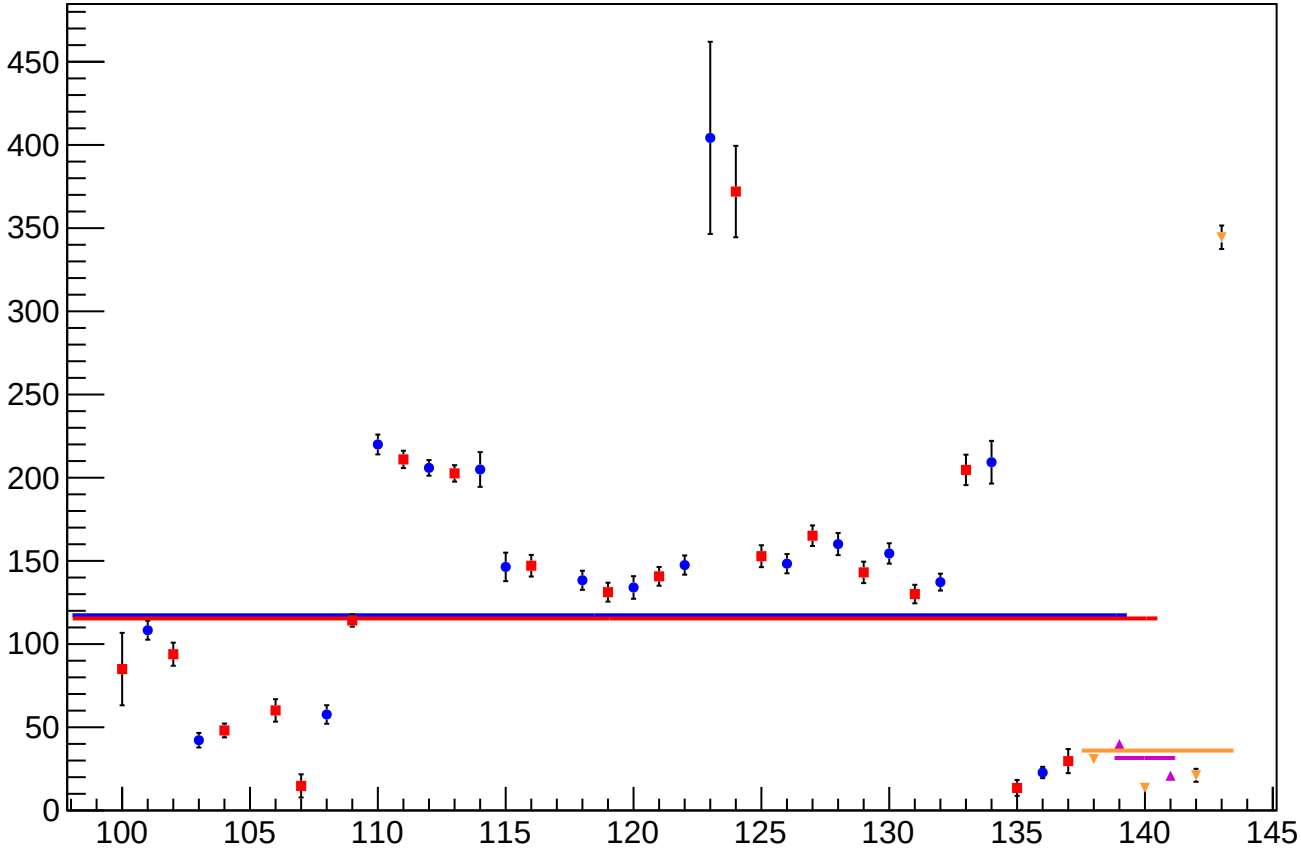
Left In: -6.869+/-1.551 χ^2/NDF:8.2/1

+ sign -6.883+/-0.645 χ^2/NDF: 290.9/20

All: -7.023+/-0.469 χ^2/NDF: 556.5/41

- sign -7.181+/-0.684 χ^2/NDF: 265.5/20

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 35.986+/-1.455 χ^2/NDF:2024.6/3

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

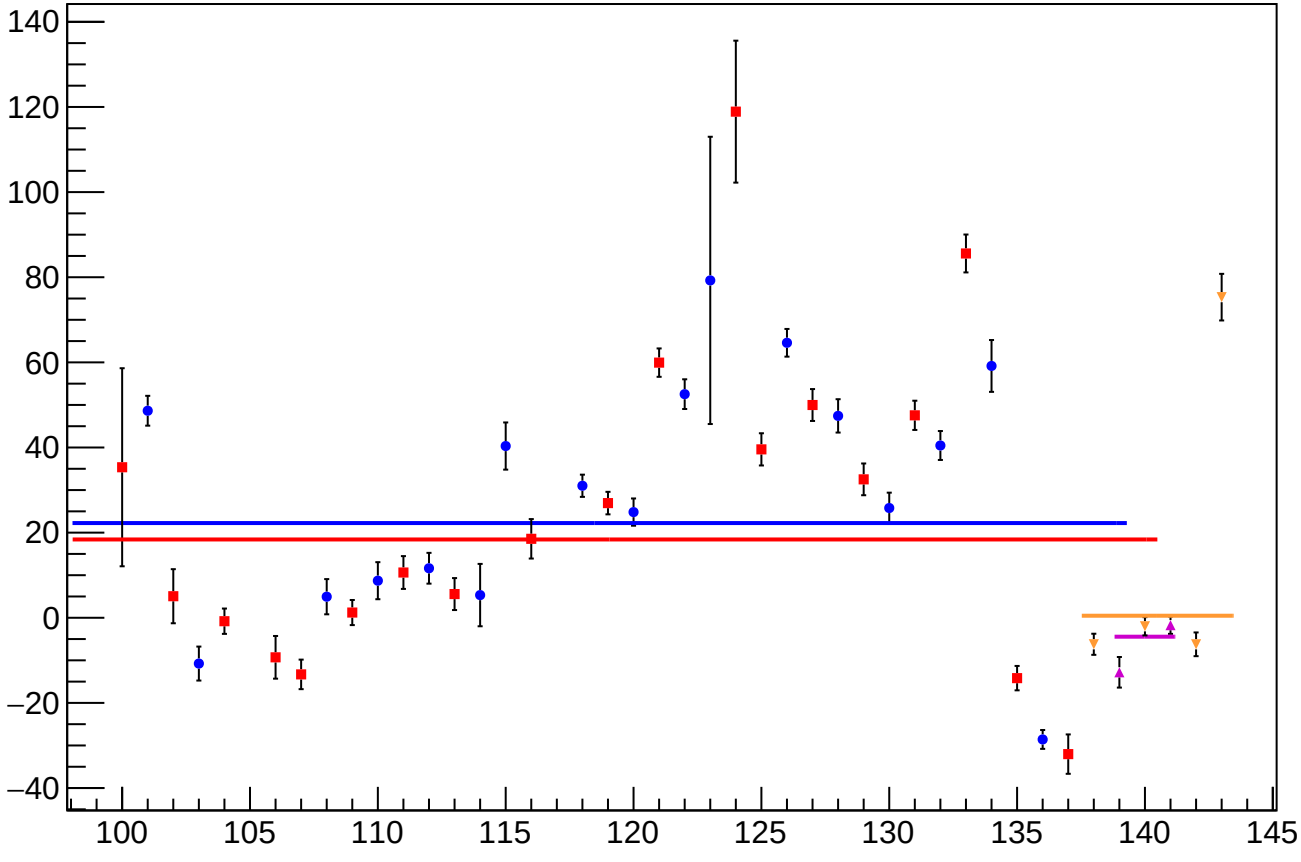
Left In: 31.547+/-1.677 χ^2/NDF:31.6/1

+ sign 77.975+/-1.012 χ^2/NDF: 5797.6/20

All: 79.958+/-0.731 χ^2/NDF: 9495.5/41

- sign 82.119+/-1.057 χ^2/NDF: 3689.9/20

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: 0.480+/-1.358 χ^2/NDF:201.3/3

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

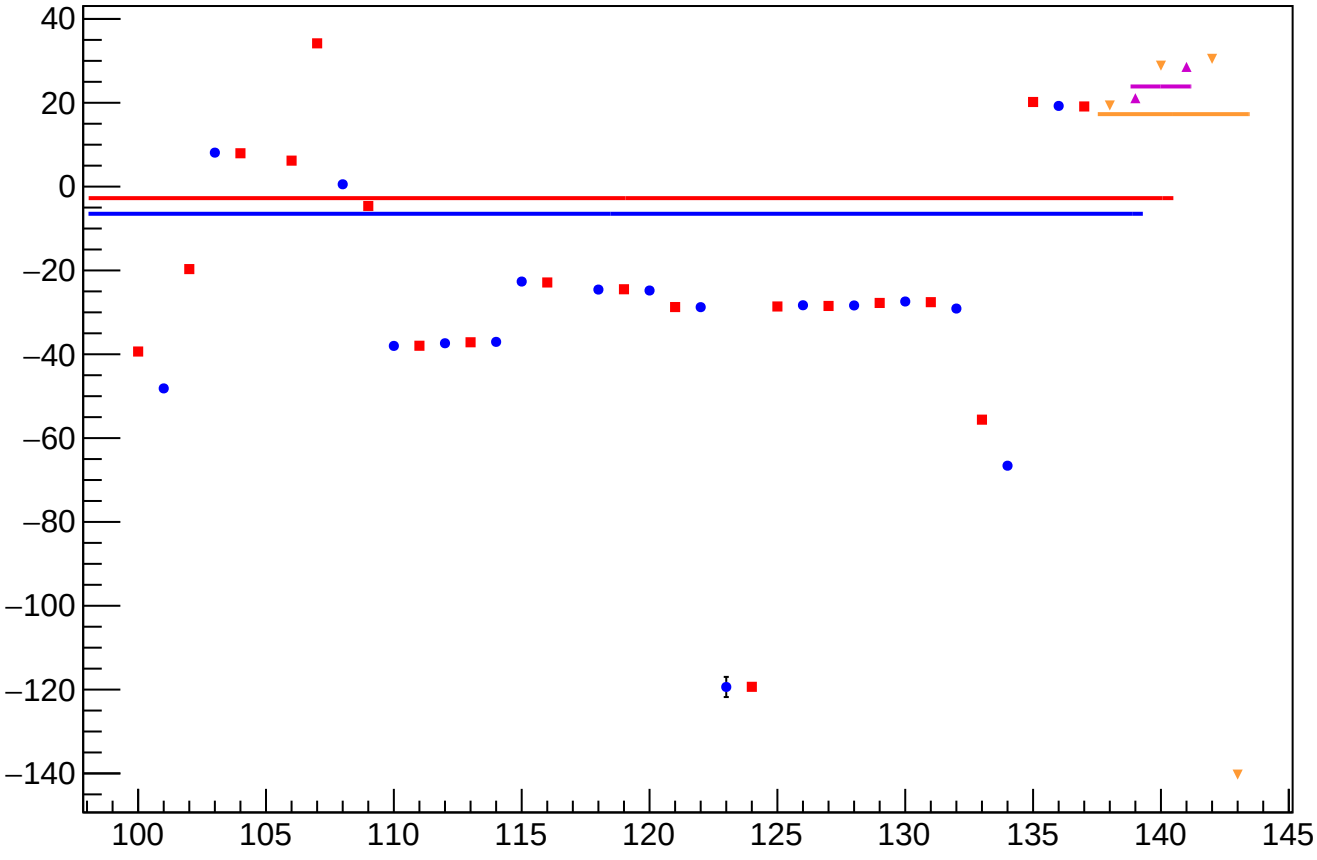
Left In: -4.447+/-1.778 χ^2/NDF:7.2/1

+ sign 15.716+/-0.744 χ^2/NDF: 1452.7/20

All: 14.885+/-0.539 χ^2/NDF: 2672.7/41

- sign 13.966+/-0.783 χ^2/NDF: 1217.4/20

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 17.290+/-0.059 χ^2/NDF:330795.1/3

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

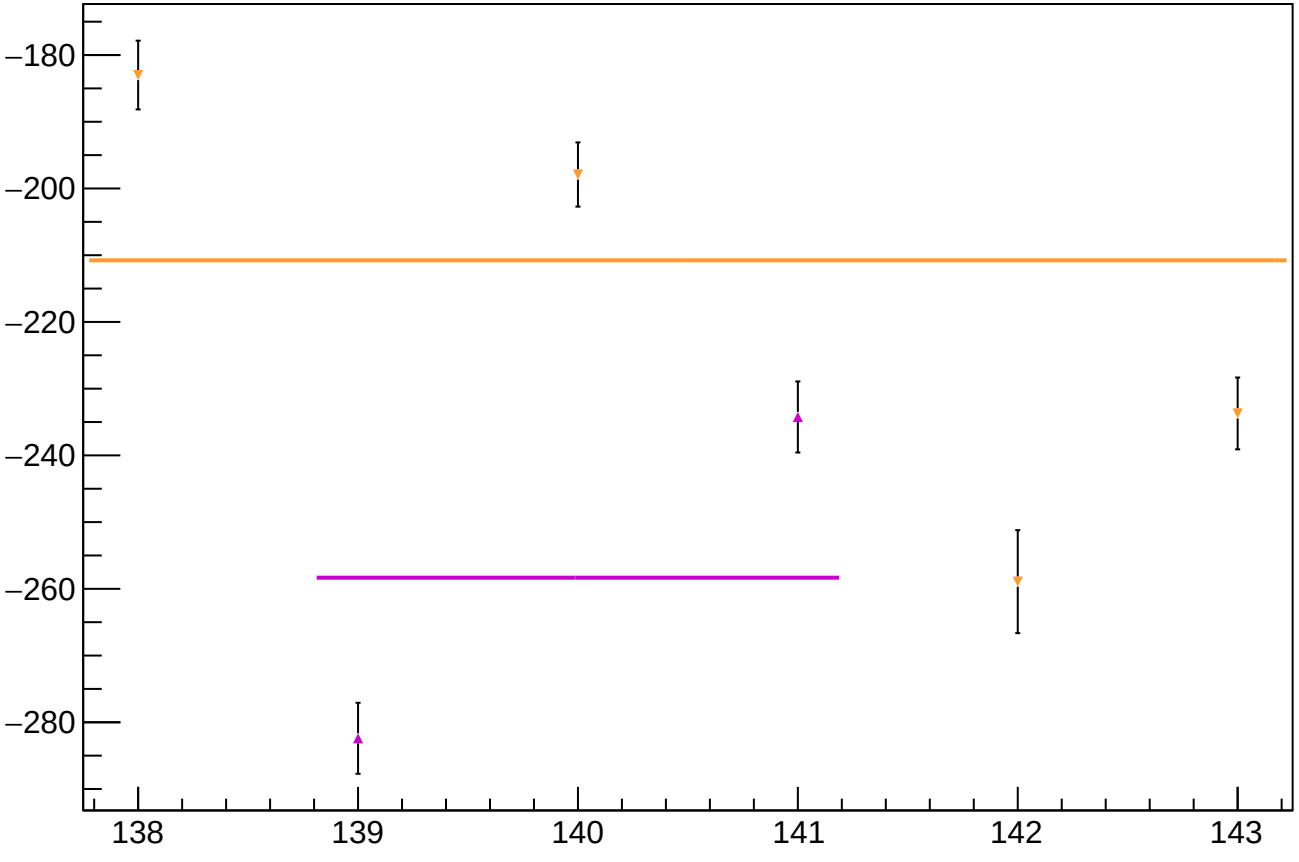
Left In: 23.891+/-0.062 χ^2/NDF:3359.9/1

+ sign 2.480+/-0.036 χ^2/NDF: 696572.0/20

All: 4.494+/-0.026 χ^2/NDF: 1091211.3/41

- sign 6.554+/-0.037 χ^2/NDF: 388459.9/20

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -210.767+/-2.751 χ^2/NDF:93.3/3

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

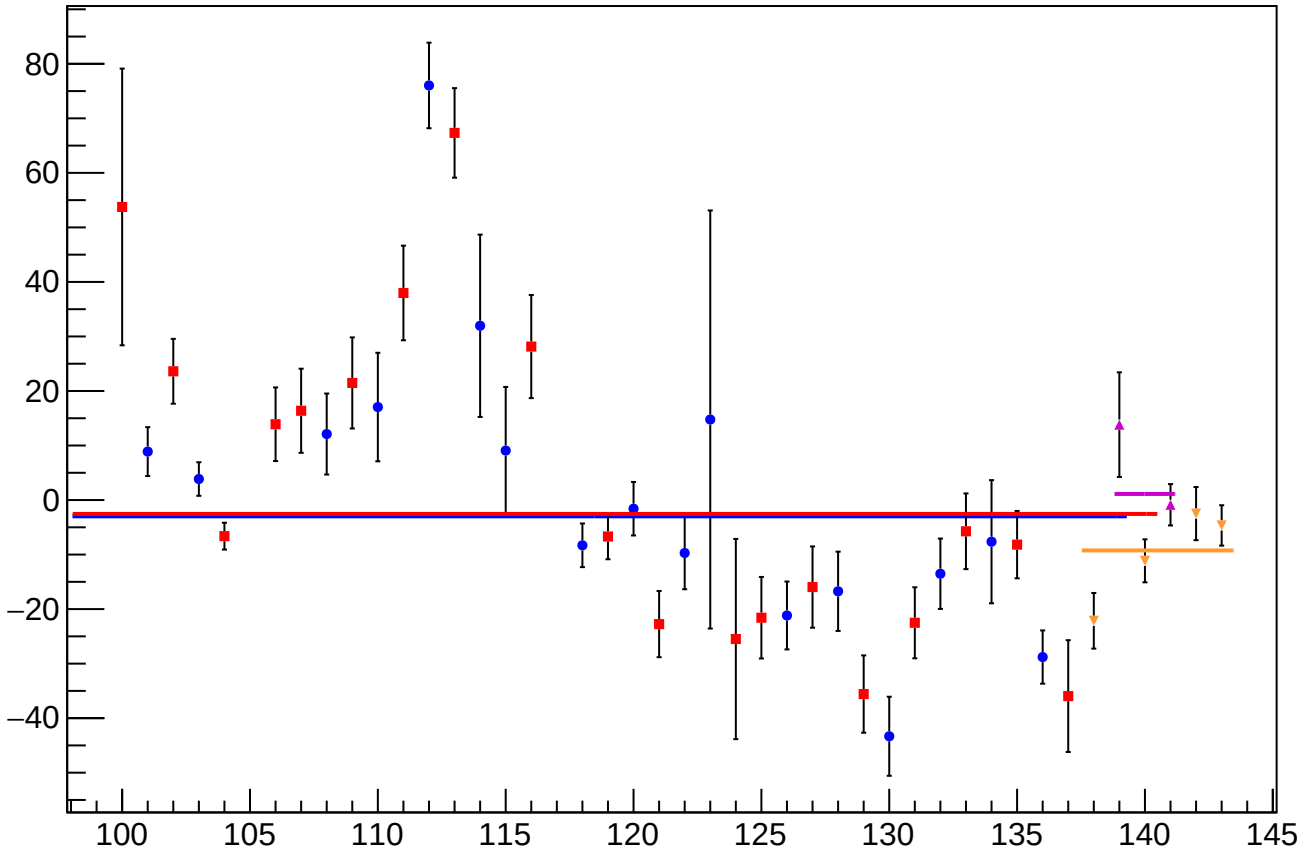
Left In: -258.330+/-3.763 χ^2/NDF:40.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -227.333+/-2.221 χ^2/NDF: 238.3/5

- 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: -9.240+/-2.143 χ^2/NDF:10.1/3

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

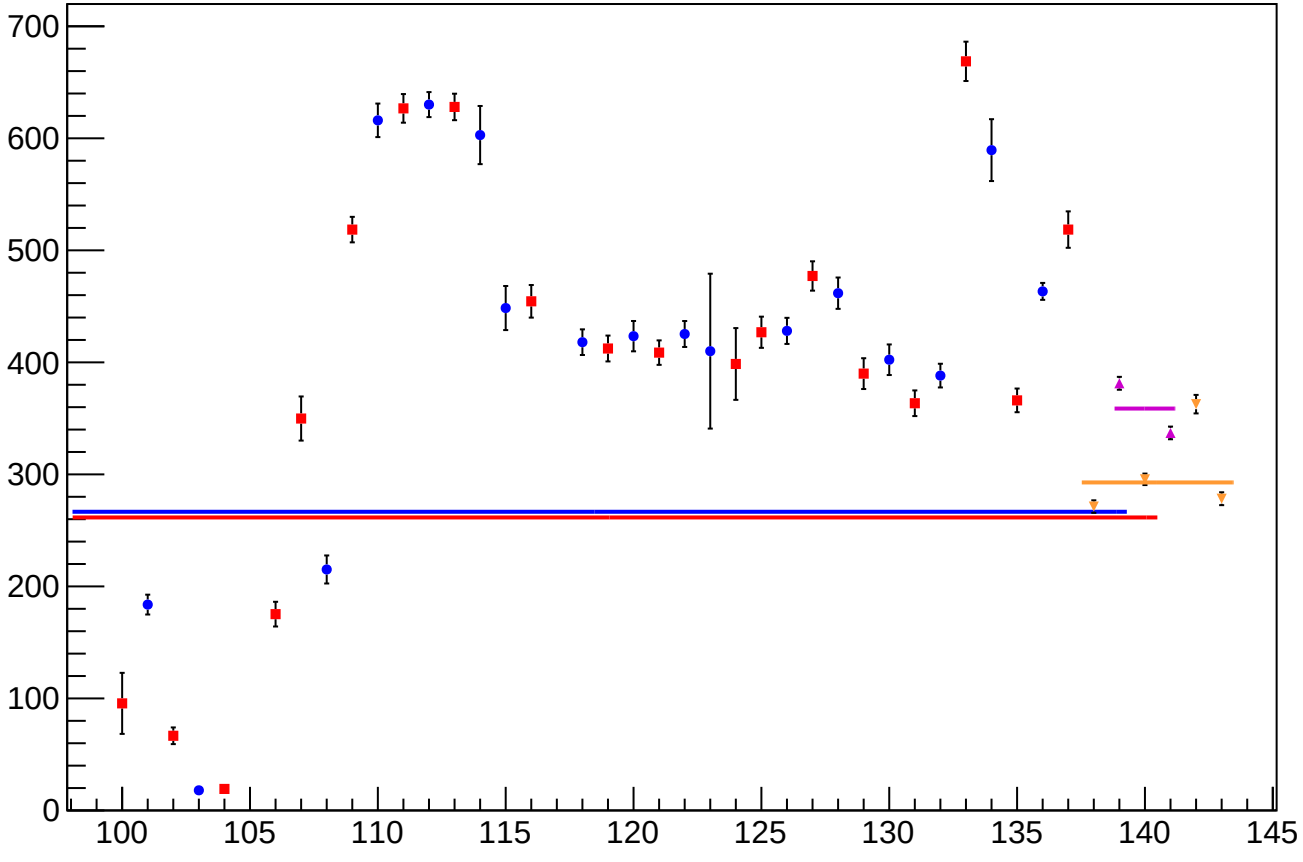
Left In: 1.119+/-3.527 χ^2/NDF:2.0/1

+ sign -4.948+/-1.201 χ^2/NDF: 219.8/20

All: -3.613+/-0.882 χ^2/NDF: 443.6/41

- sign -2.049+/-1.300 χ^2/NDF: 221.1/20

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 292.805+/-2.948 χ^2/NDF:93.1/3

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

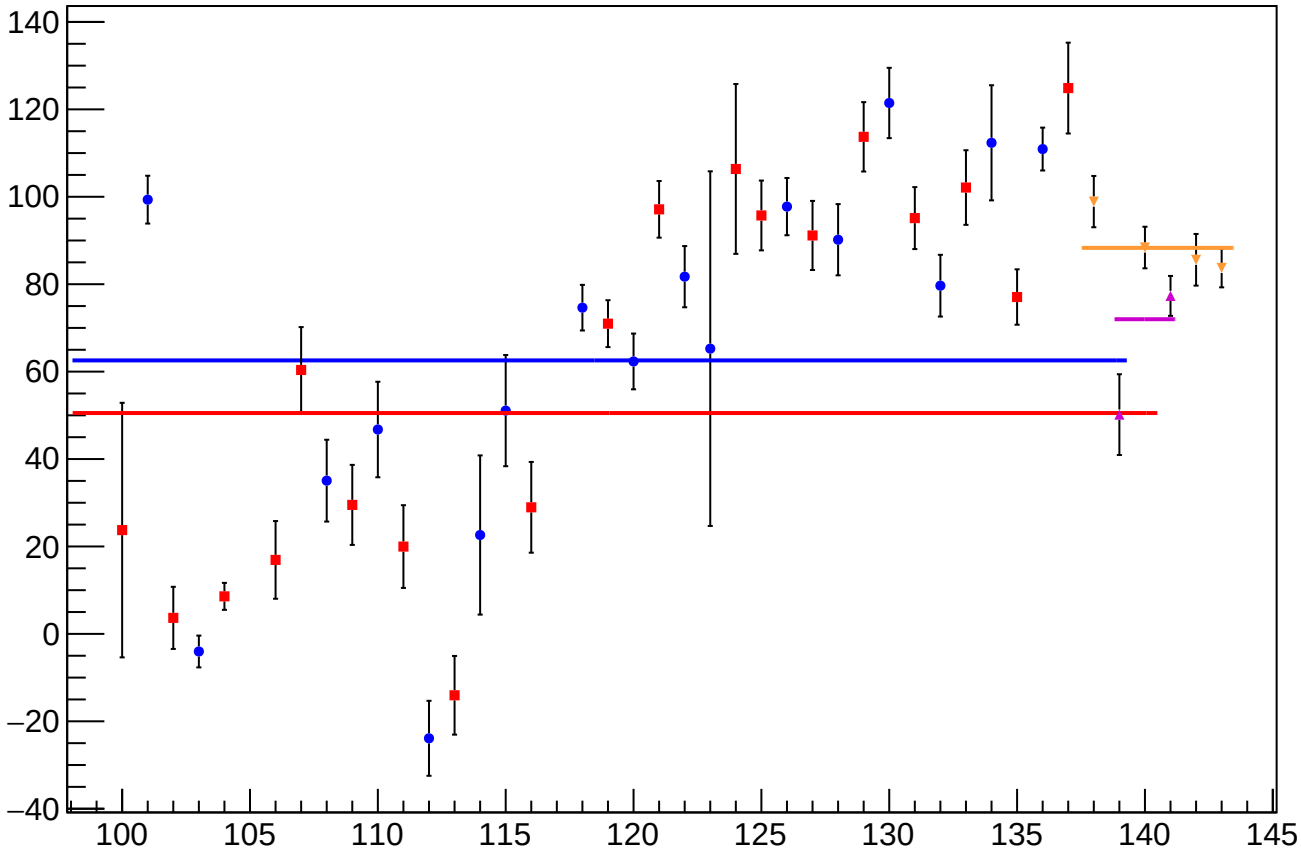
Left In: 358.761+/-4.037 χ^2/NDF:30.1/1

+ sign 277.459+/-1.897 χ^2/NDF: 7802.0/20

All: 282.123+/-1.407 χ^2/NDF: 16476.8/41

- sign 287.838+/-2.099 χ^2/NDF: 8661.3/20

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 88.317+/-2.561 χ^2/NDF:4.5/3

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

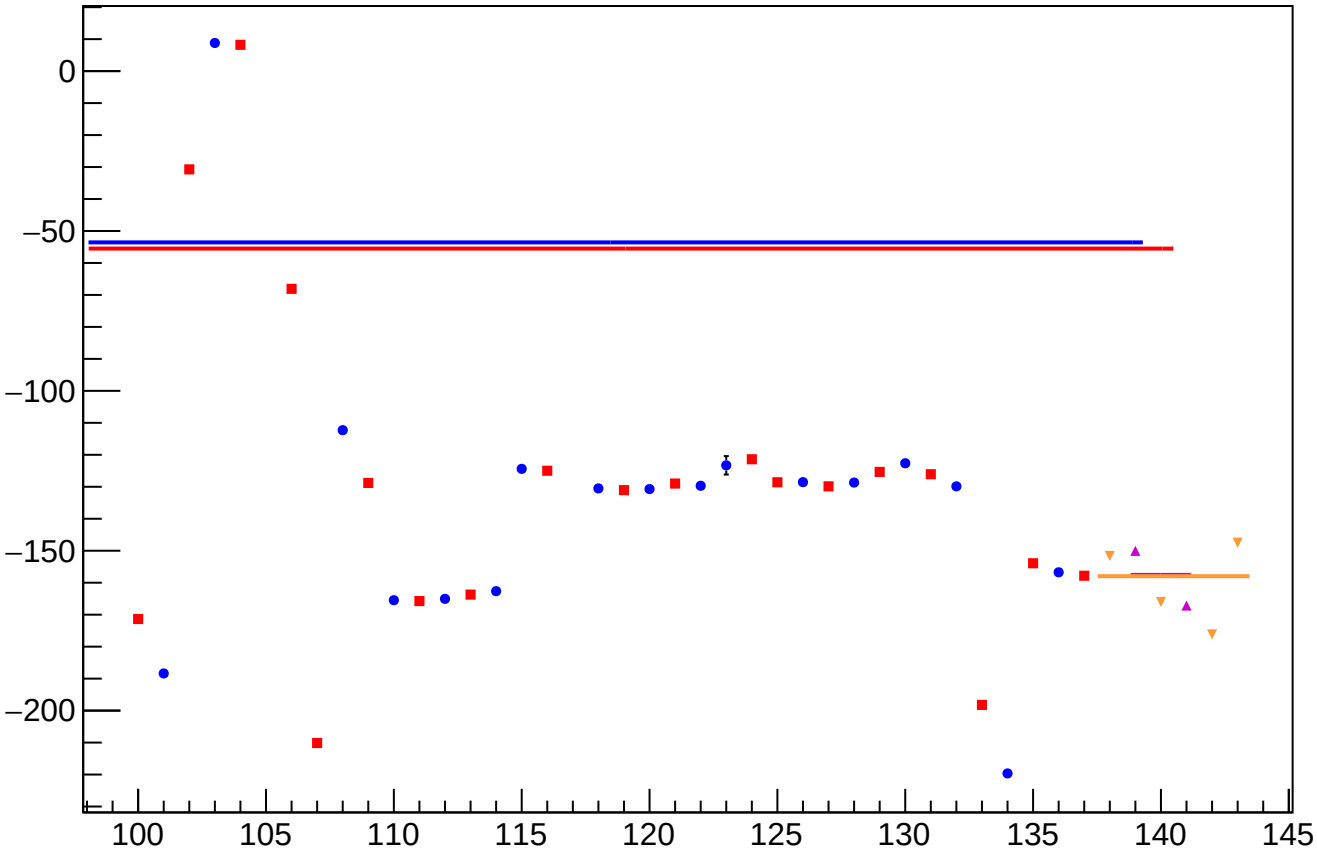
Left In: 71.989+/-4.094 χ^2/NDF:7.0/1

+ sign 70.301+/-1.404 χ^2/NDF: 797.7/20

All: 62.598+/-1.033 χ^2/NDF: 1550.9/41

- sign 53.505+/-1.525 χ^2/NDF: 687.6/20

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -157.962+/-0.121 χ^2/NDF:7183.2/3

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

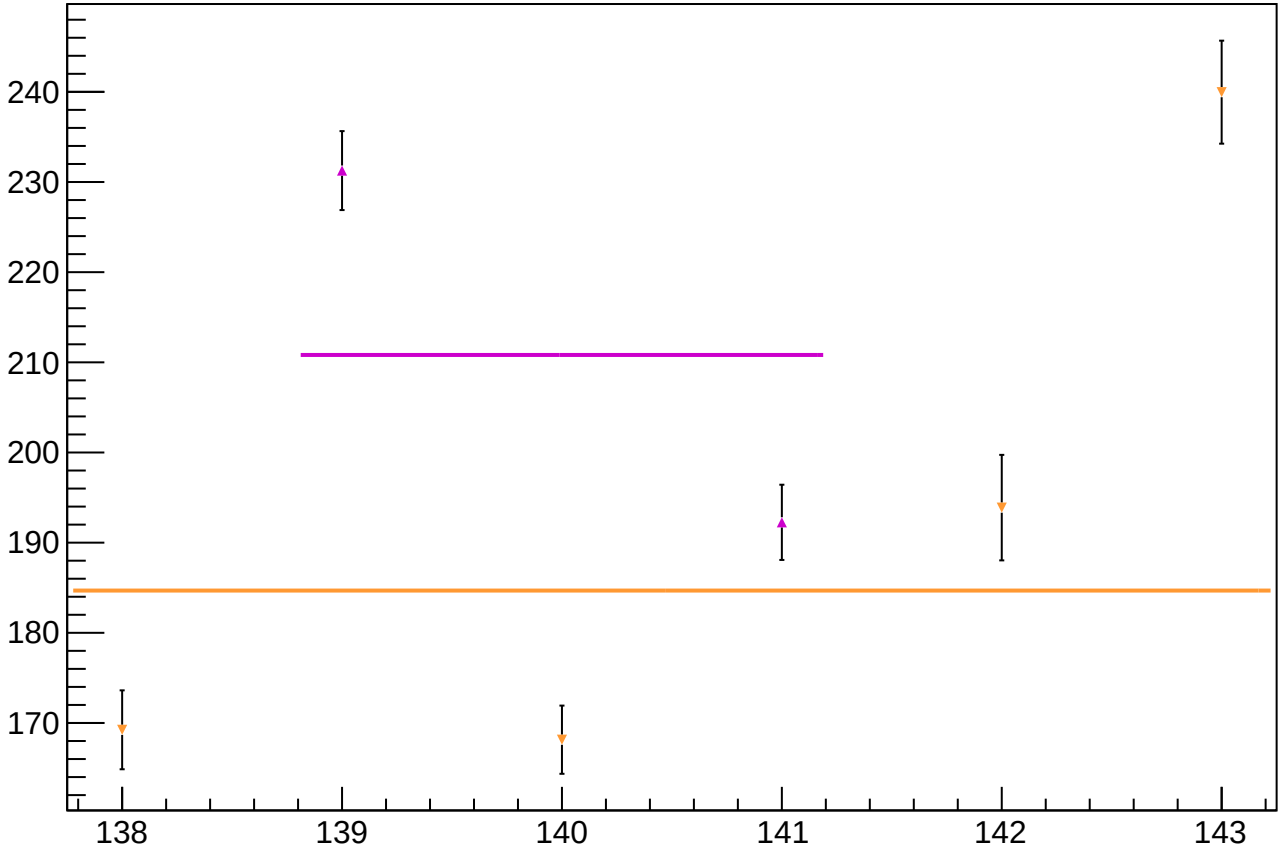
Left In: -157.552+/-0.152 χ^2/NDF:3118.2/1

+ sign -79.844+/-0.061 χ^2/NDF: 1792890.6/20

All: -77.186+/-0.044 χ^2/NDF: 3137745.3/41

- sign -74.148+/-0.065 χ^2/NDF: 1340759.1/20

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 184.687+/-2.344 χ^2/NDF:127.7/3

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

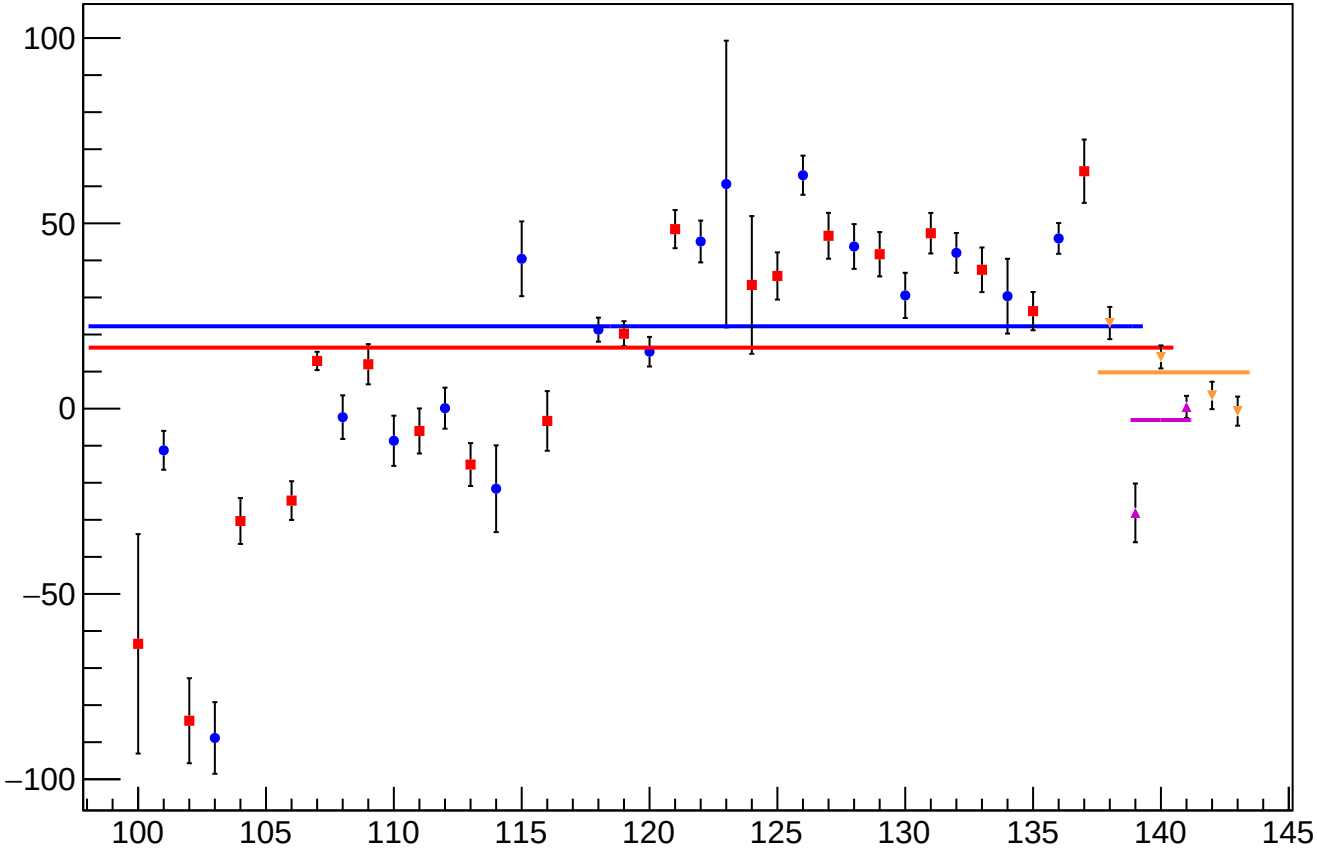
Left In: 210.818+/-3.020 χ^2/NDF:41.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 194.511+/-1.852 χ^2/NDF: 216.0/5

- 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: 9.797+/-1.841 χ^2/NDF:21.1/3

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

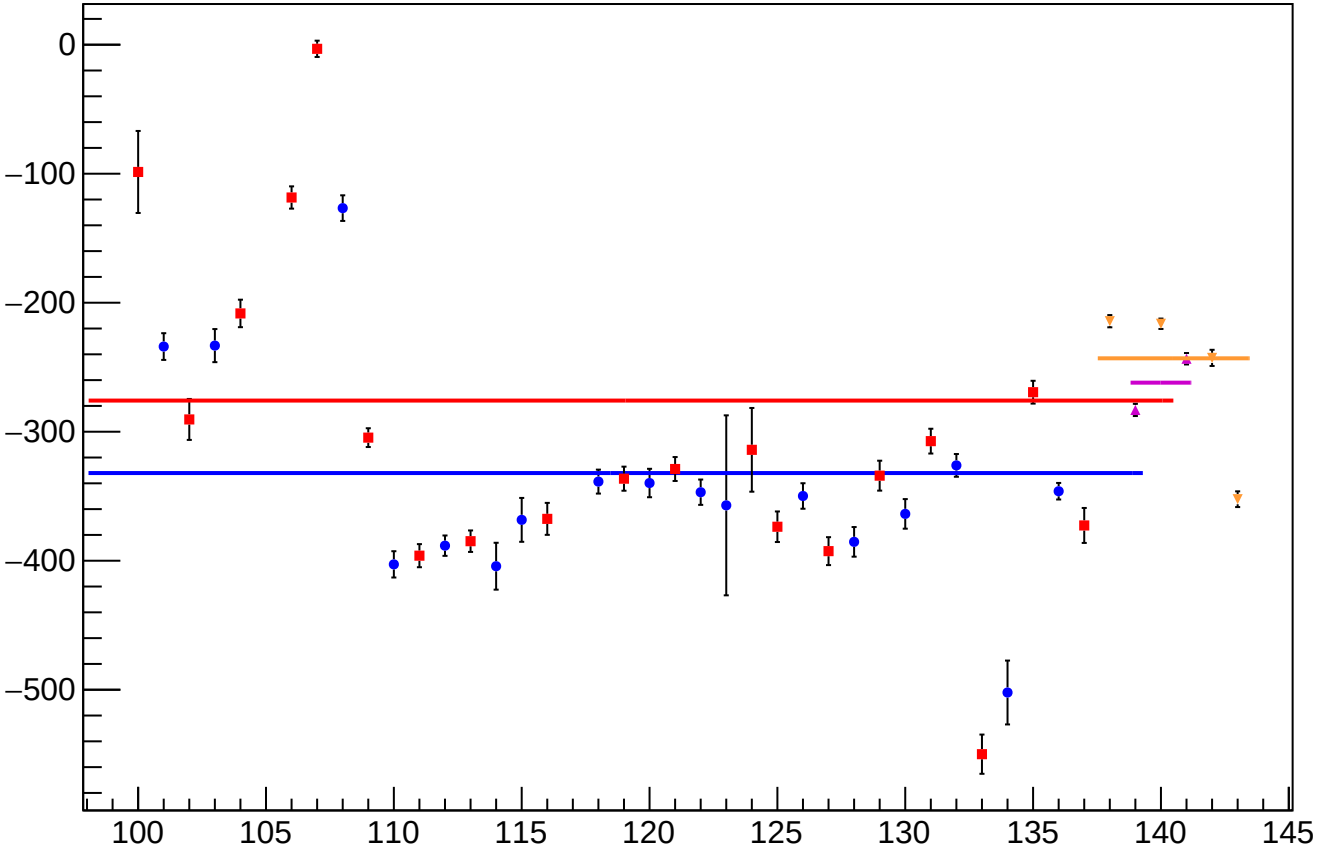
Left In: -3.061+/-2.785 χ^2/NDF:11.4/1

+ sign 17.778+/-1.101 χ^2/NDF: 436.0/20

All: 15.577+/-0.787 χ^2/NDF: 922.6/41

- sign 13.281+/-1.125 χ^2/NDF: 478.4/20

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -243.101+/-2.512 χ^2/NDF:401.9/3

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

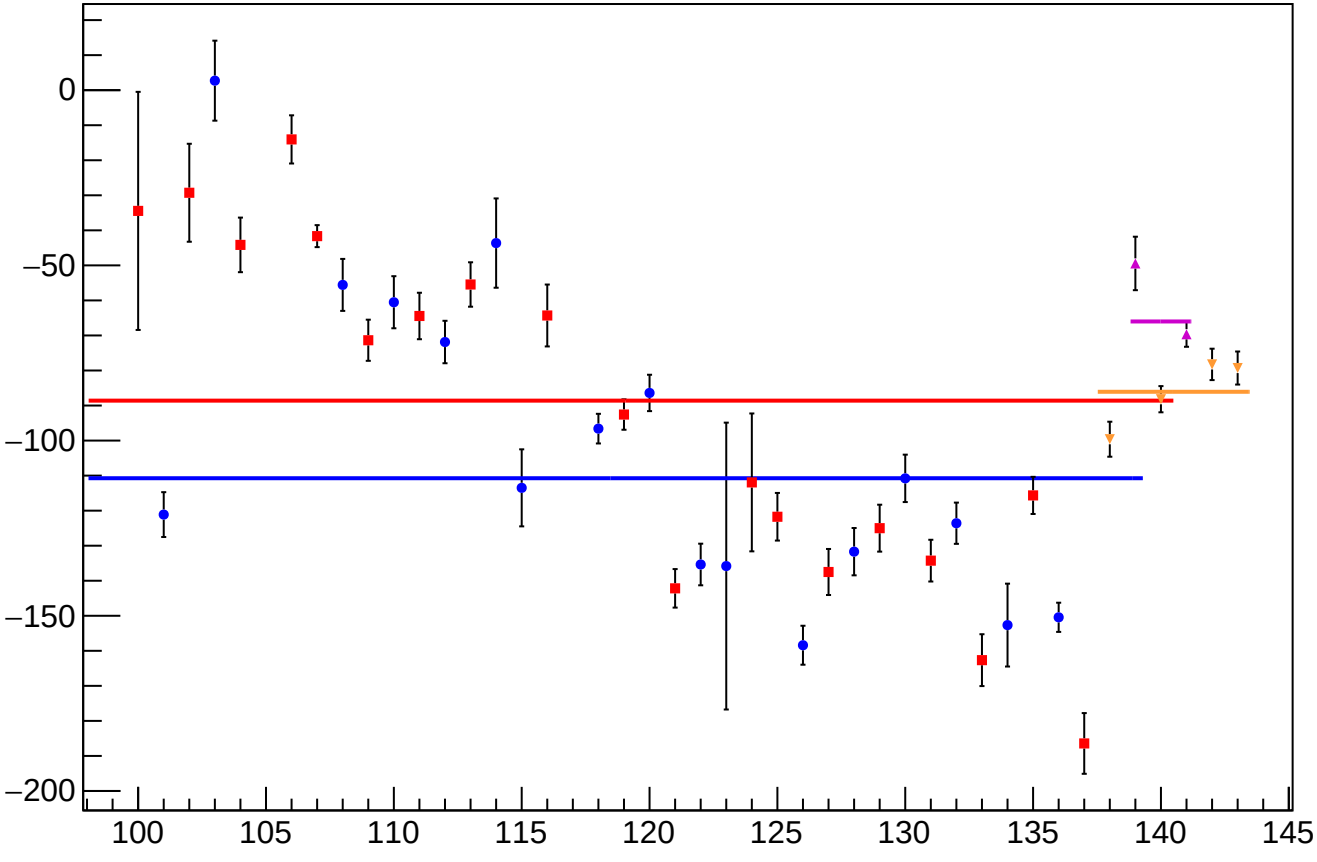
Left In: -261.969+/-3.237 χ^2/NDF:37.4/1

+ sign -286.693+/-1.794 χ^2/NDF: 1801.3/20

All: -279.311+/-1.300 χ^2/NDF: 5249.3/41

- sign -271.131+/-1.888 χ^2/NDF: 3412.4/20

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -86.074+/-2.201 χ^2/NDF:12.8/3

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

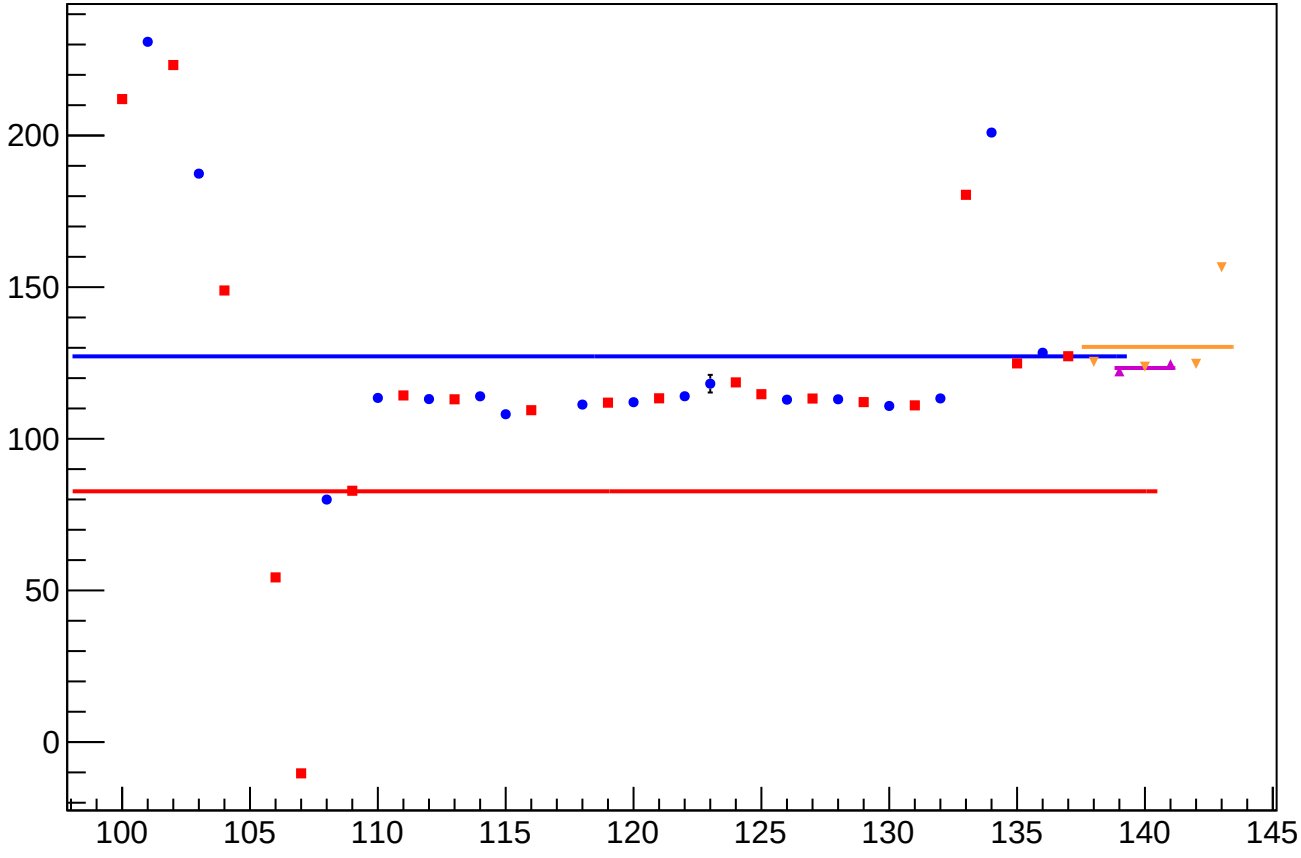
Left In: -66.007+/-3.241 χ^2/NDF:5.7/1

+ sign -102.371+/-1.282 χ^2/NDF: 609.2/20

All: -93.834+/-0.917 χ^2/NDF: 1716.0/41

- sign -84.899+/-1.312 χ^2/NDF: 1016.1/20

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 130.298+/-0.104 χ^2/NDF:14060.0/3

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

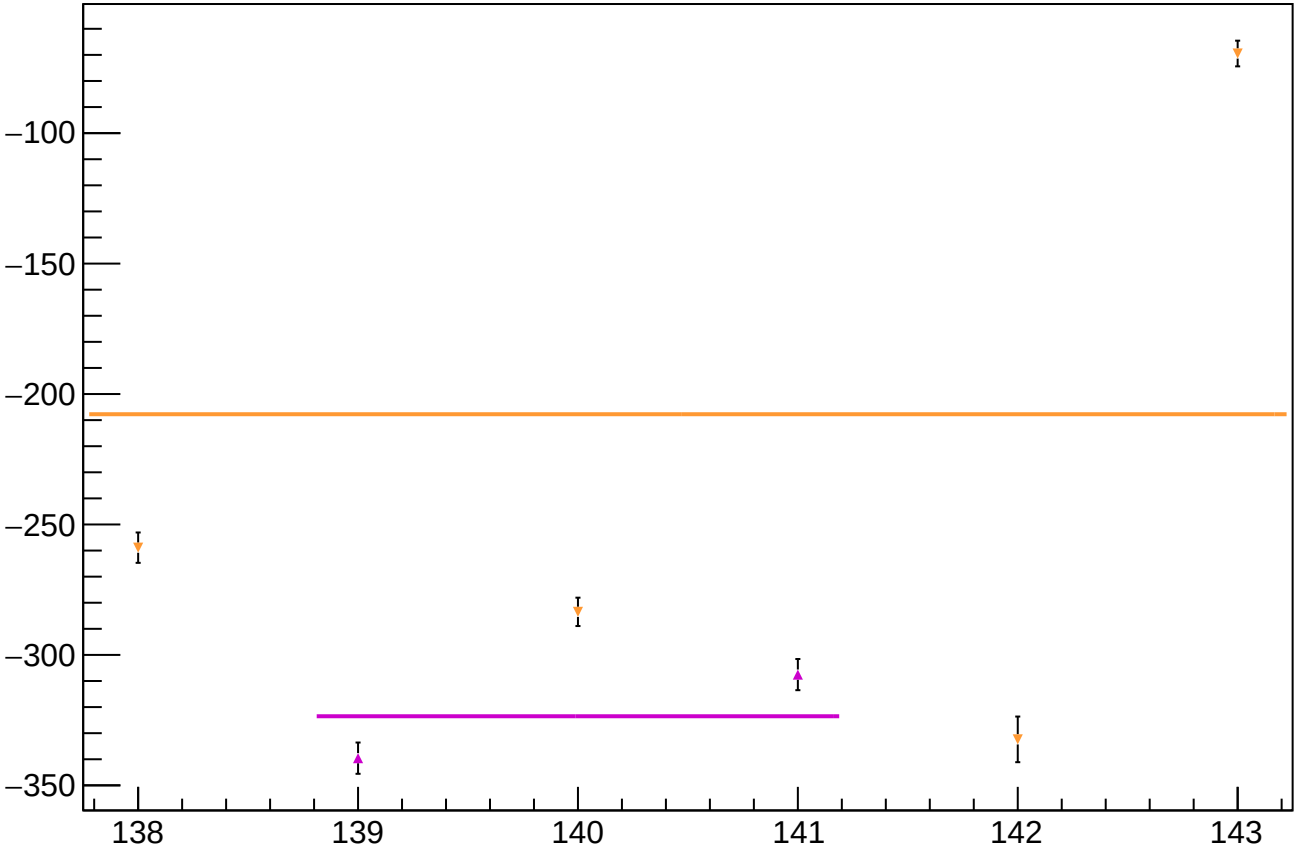
Left In: 123.345+/-0.123 χ^2/NDF:90.8/1

+ sign 128.503+/-0.068 χ^2/NDF: 202631.9/20

All: 110.275+/-0.047 χ^2/NDF: 1186911.0/41

- sign 93.821+/-0.064 χ^2/NDF: 845671.4/20

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -207.741+/-2.915 χ^2/NDF:1263.1/3

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

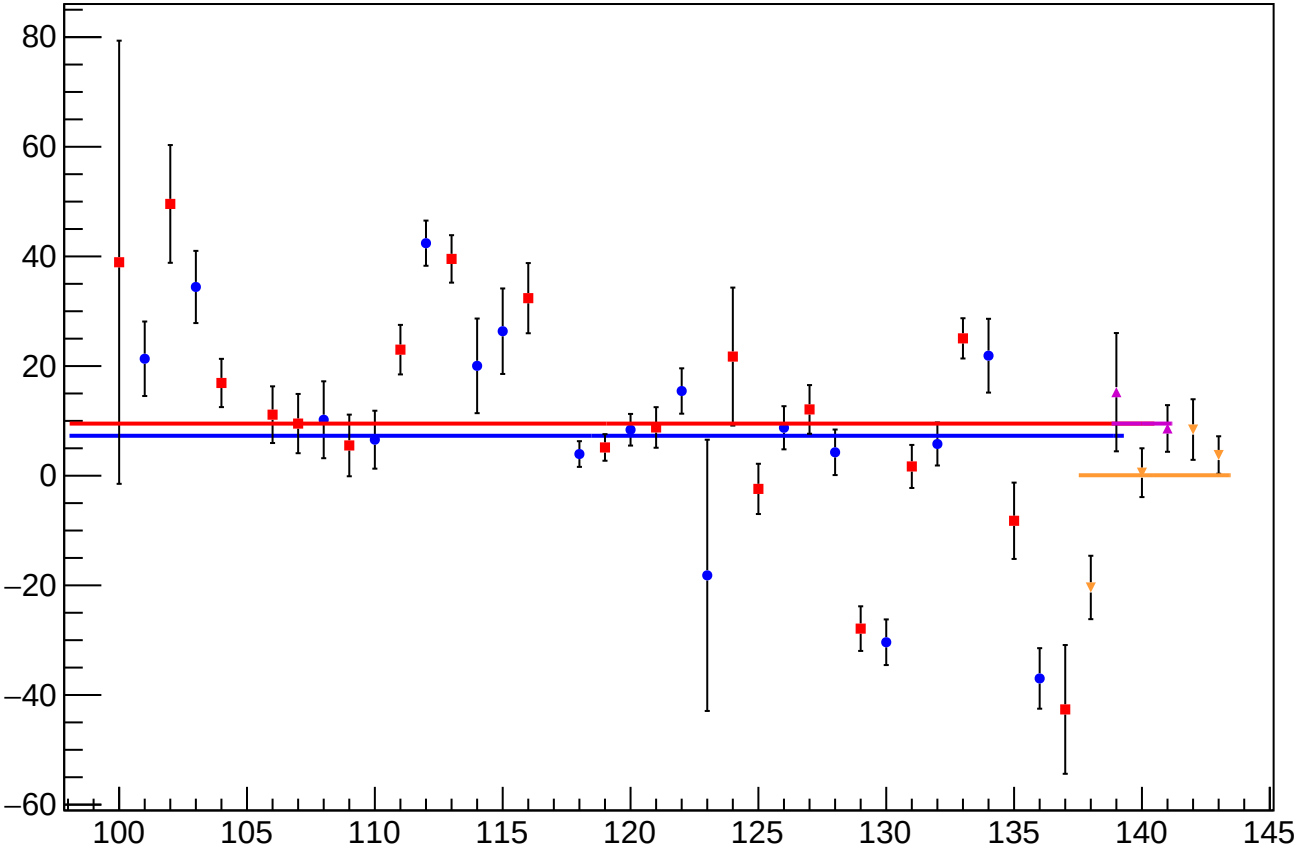
Left In: -323.512+/-4.231 χ^2/NDF:14.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -245.004+/-2.400 χ^2/NDF: 1785.2/5

- 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: 0.083+/-2.244 χ^2/NDF:16.0/3

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

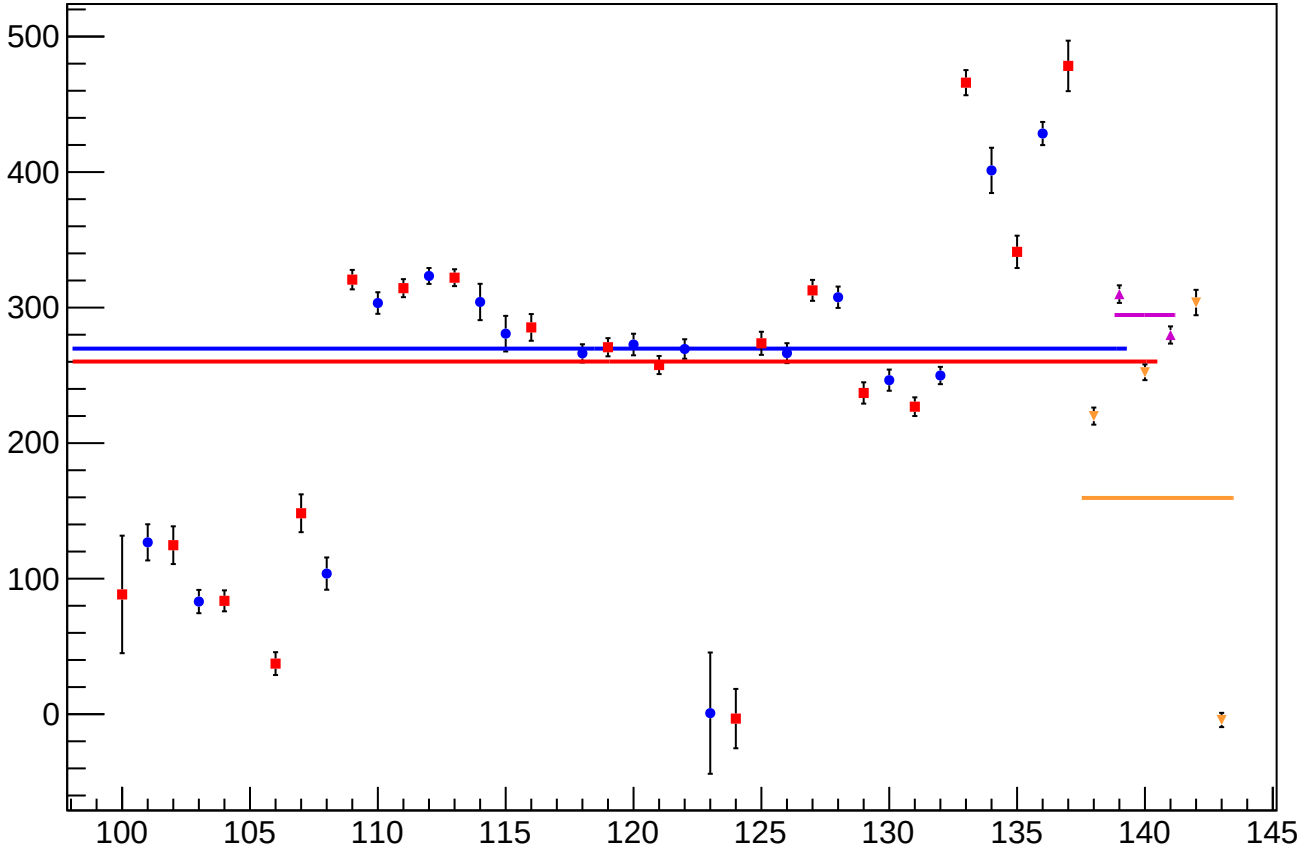
Left In: 9.510+/-3.959 χ^2/NDF:0.3/1

+ sign 5.923+/-0.976 χ^2/NDF: 285.4/20

All: 7.605+/-0.711 χ^2/NDF: 523.6/41

- sign 9.505+/-1.037 χ^2/NDF: 231.9/20

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 159.559+/-3.122 χ^2/NDF:1557.2/3

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

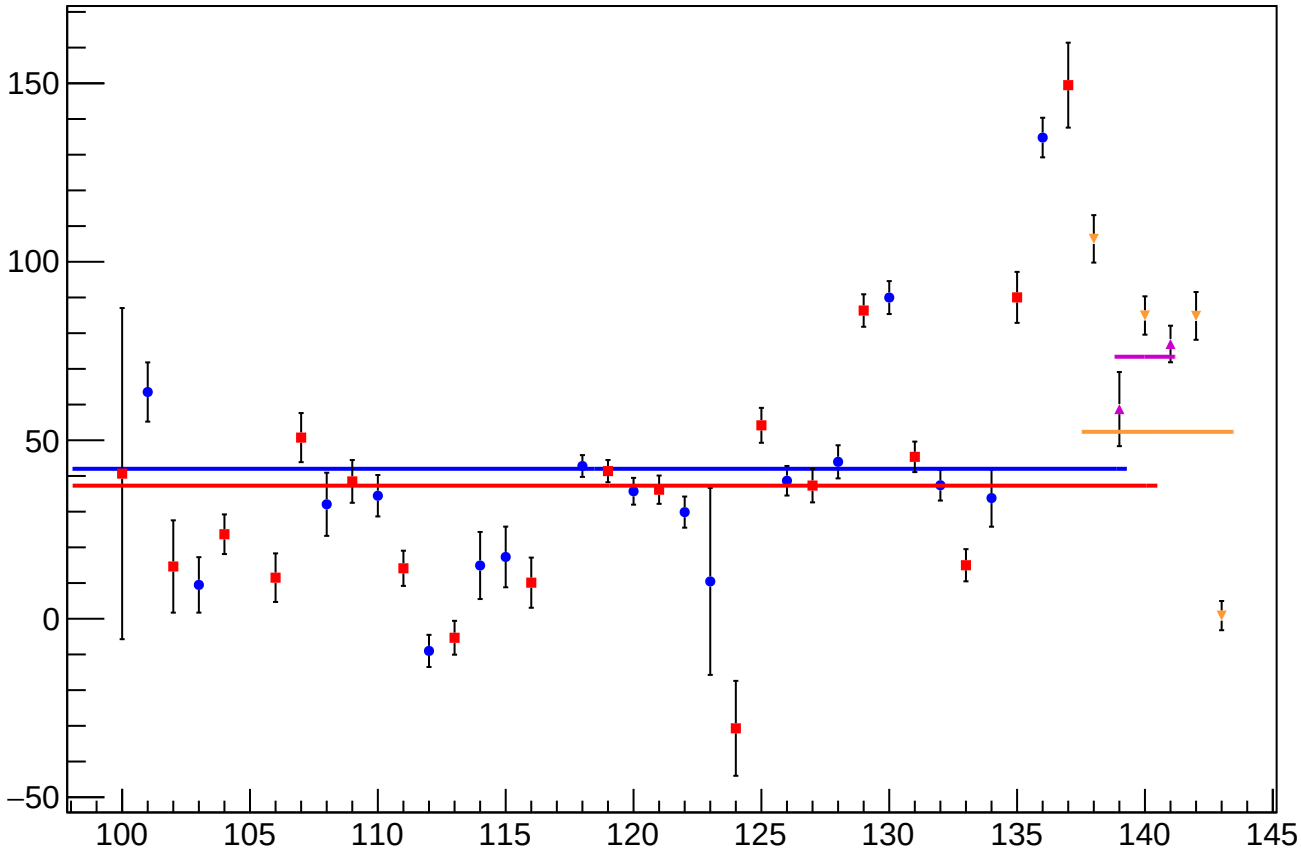
Left In: 294.540+/-4.539 χ^2/NDF:11.0/1

+ sign 236.069+/-1.726 χ^2/NDF: 3796.2/20

All: 250.148+/-1.250 χ^2/NDF: 6536.8/41

- sign 265.684+/-1.813 χ^2/NDF: 2600.7/20

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 52.367+/-2.679 χ^2/NDF:284.9/3

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

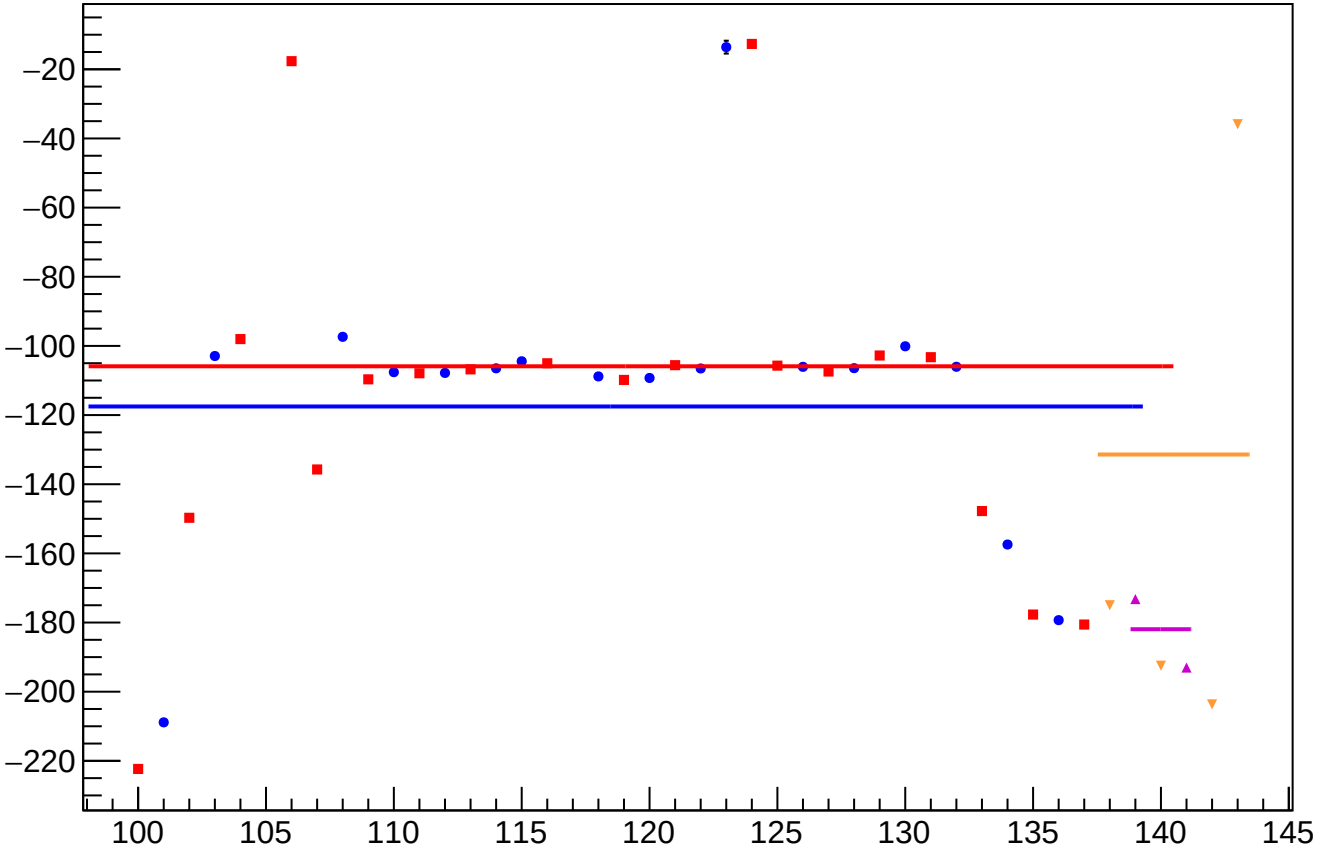
Left In: 73.398+/-4.596 χ^2/NDF:2.5/1

+ sign 43.872+/-1.137 χ^2/NDF: 872.7/20

All: 41.901+/-0.823 χ^2/NDF: 1411.7/41

- sign 39.724+/-1.195 χ^2/NDF: 532.7/20

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -131.402+/-0.128 χ^2/NDF:331510.9/3

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

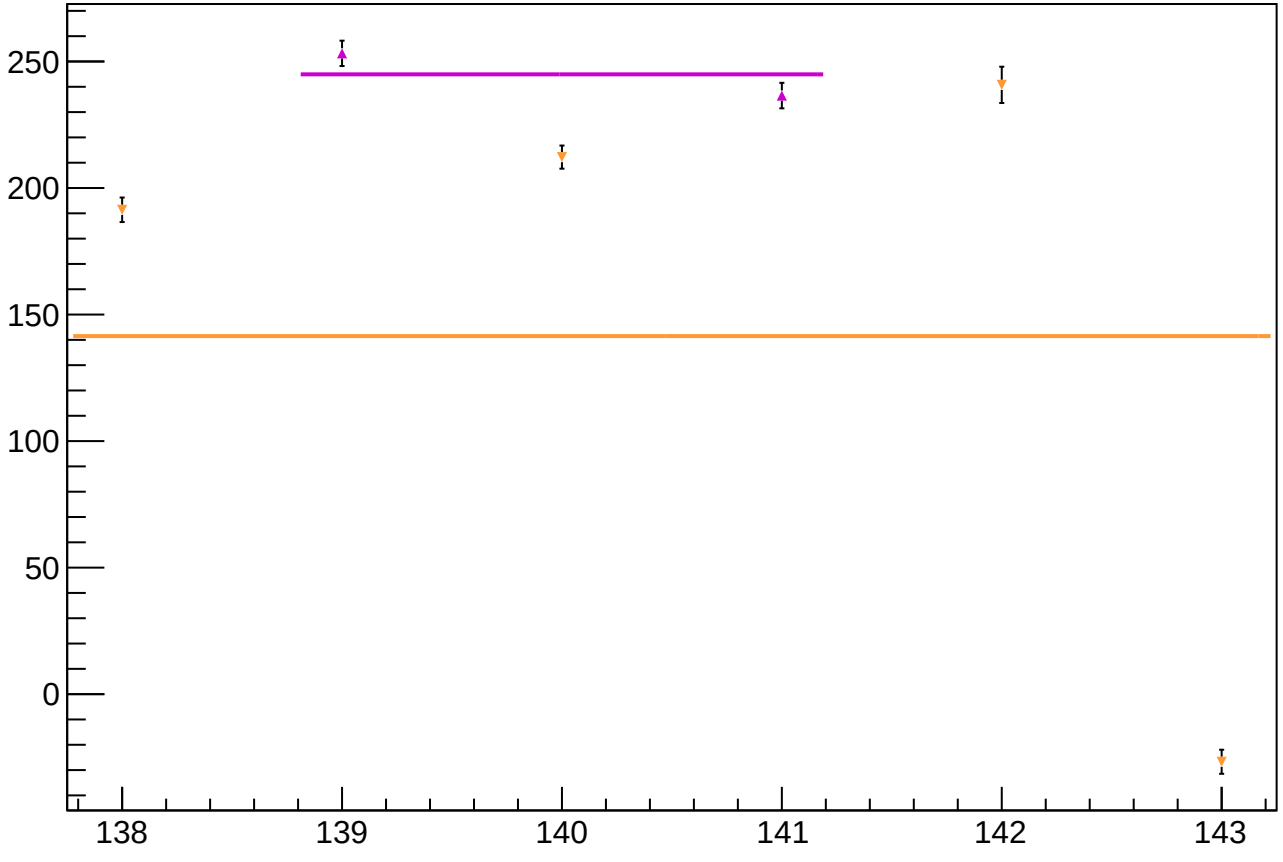
Left In: -181.935+/-0.171 χ^2/NDF:3314.6/1

+ sign -121.284+/-0.067 χ^2/NDF: 482126.9/20

All: -119.444+/-0.047 χ^2/NDF: 979037.6/41

- sign -117.584+/-0.067 χ^2/NDF: 495376.0/20

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 141.489+/-2.547 χ^2/NDF:1788.6/3

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

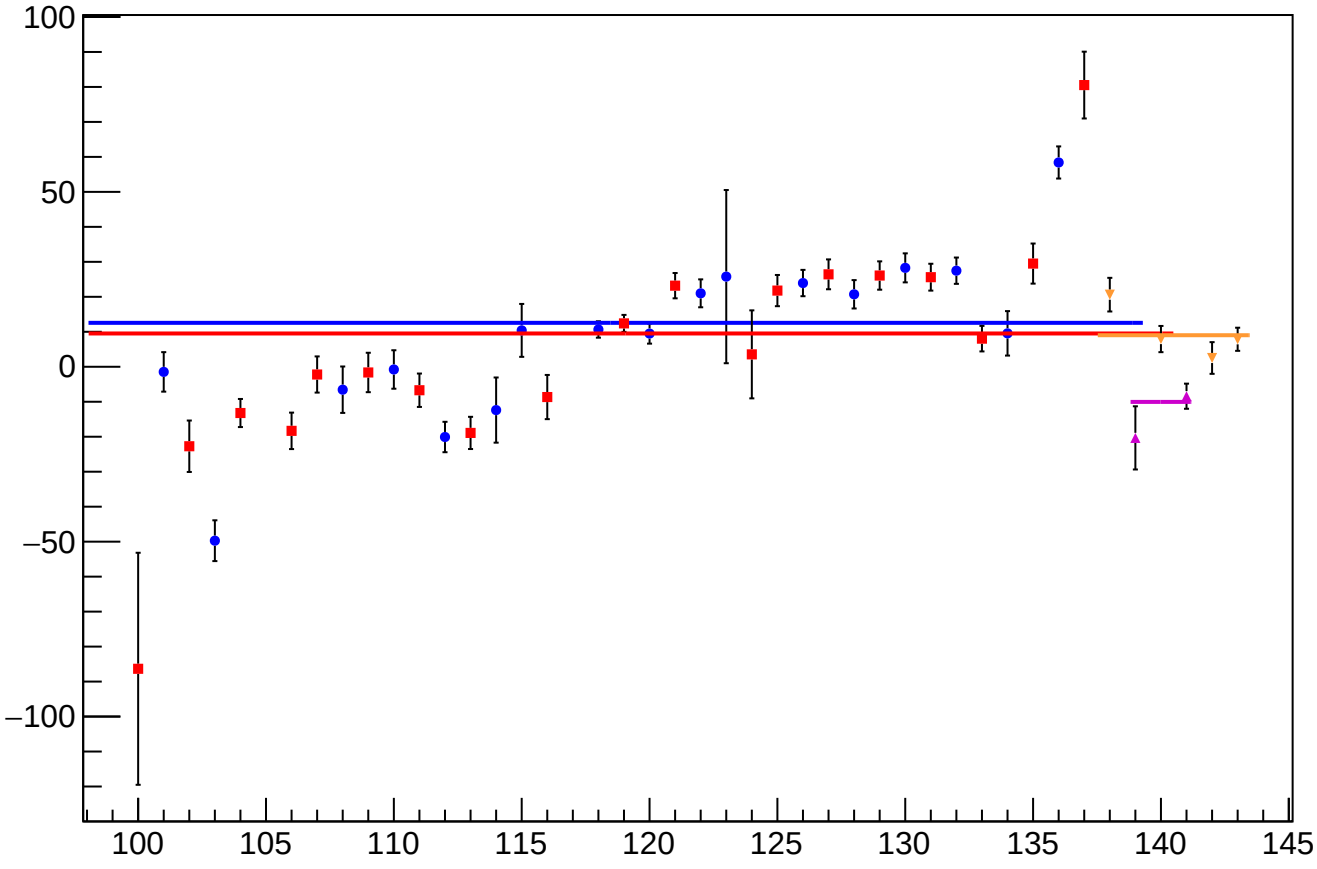
Left In: 244.918+/-3.553 χ^2/NDF:5.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 176.594+/-2.070 χ^2/NDF: 2353.8/5

- 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: 9.020+/-1.982 χ^2/NDF:8.1/3

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

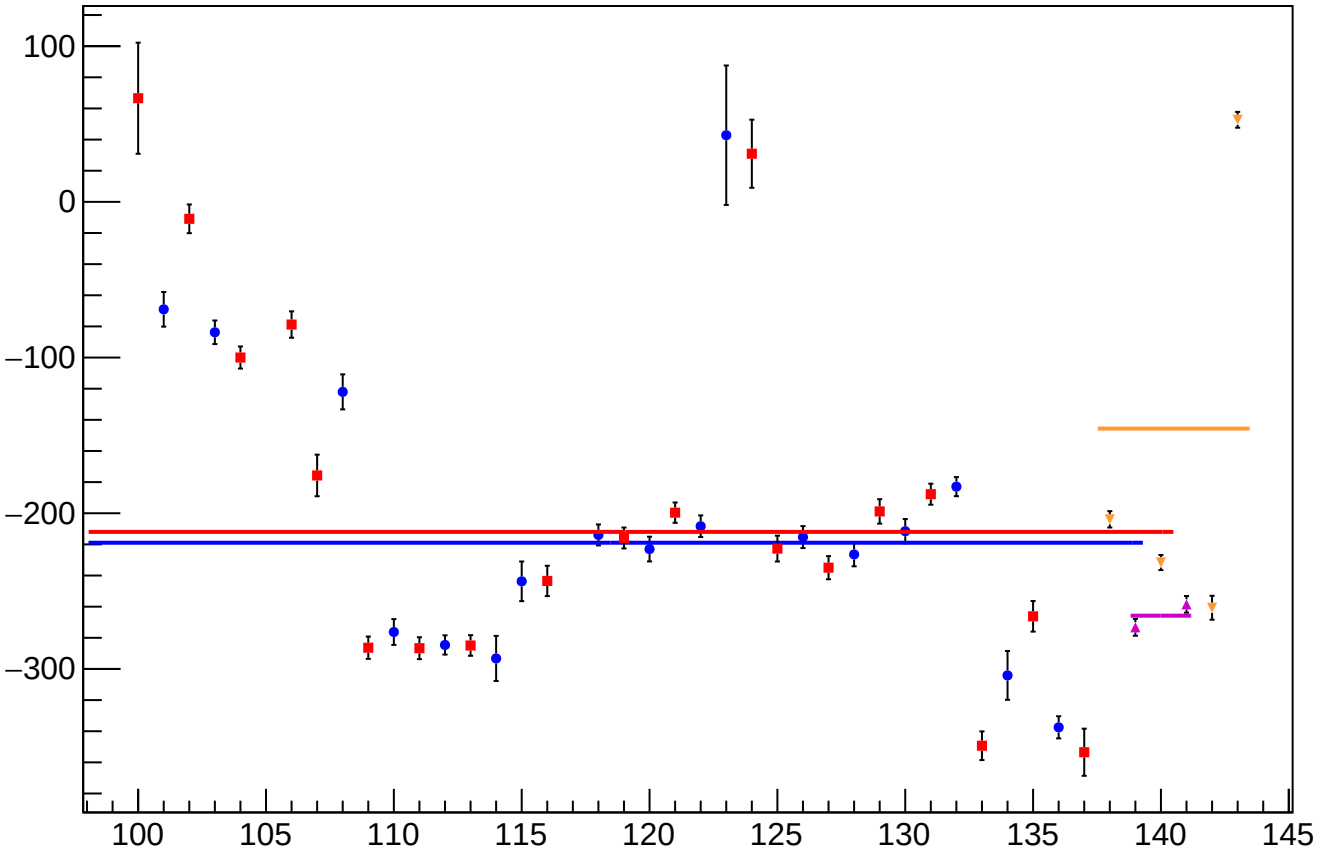
Left In: -10.045+/-3.338 χ^2/NDF:1.5/1

+ sign 11.779+/-0.932 χ^2/NDF: 358.3/20

All: 9.914+/-0.682 χ^2/NDF: 695.9/41

- sign 7.756+/-1.002 χ^2/NDF: 329.0/20

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -145.610+/-2.729 χ^2/NDF:2187.3/3

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

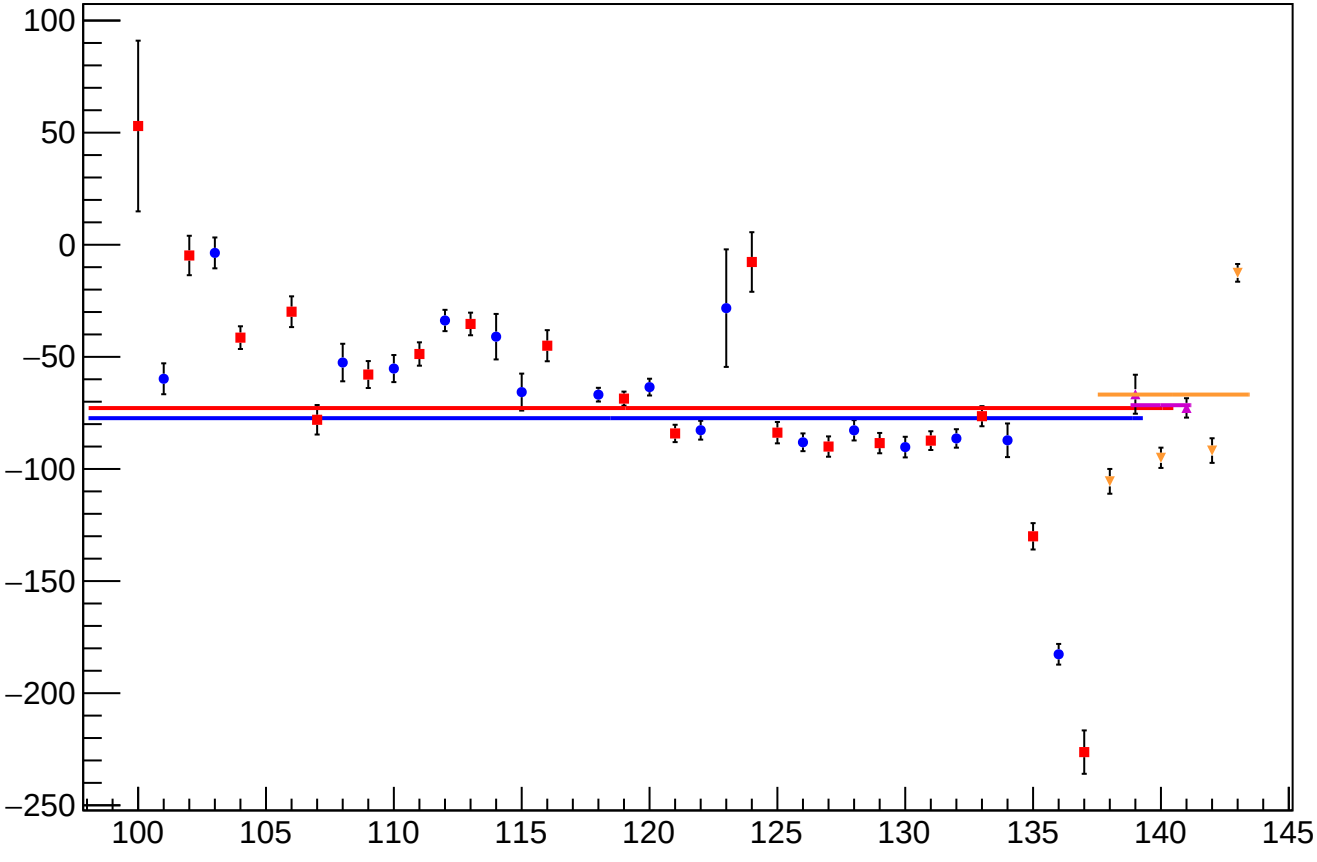
Left In: -265.785+/-3.812 χ^2/NDF:3.7/1

+ sign -193.209+/-1.616 χ^2/NDF: 3802.4/20

All: -207.149+/-1.177 χ^2/NDF: 6009.6/41

- sign -222.897+/-1.718 χ^2/NDF: 2048.7/20

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -66.813+/-2.364 χ^2/NDF:297.3/3

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

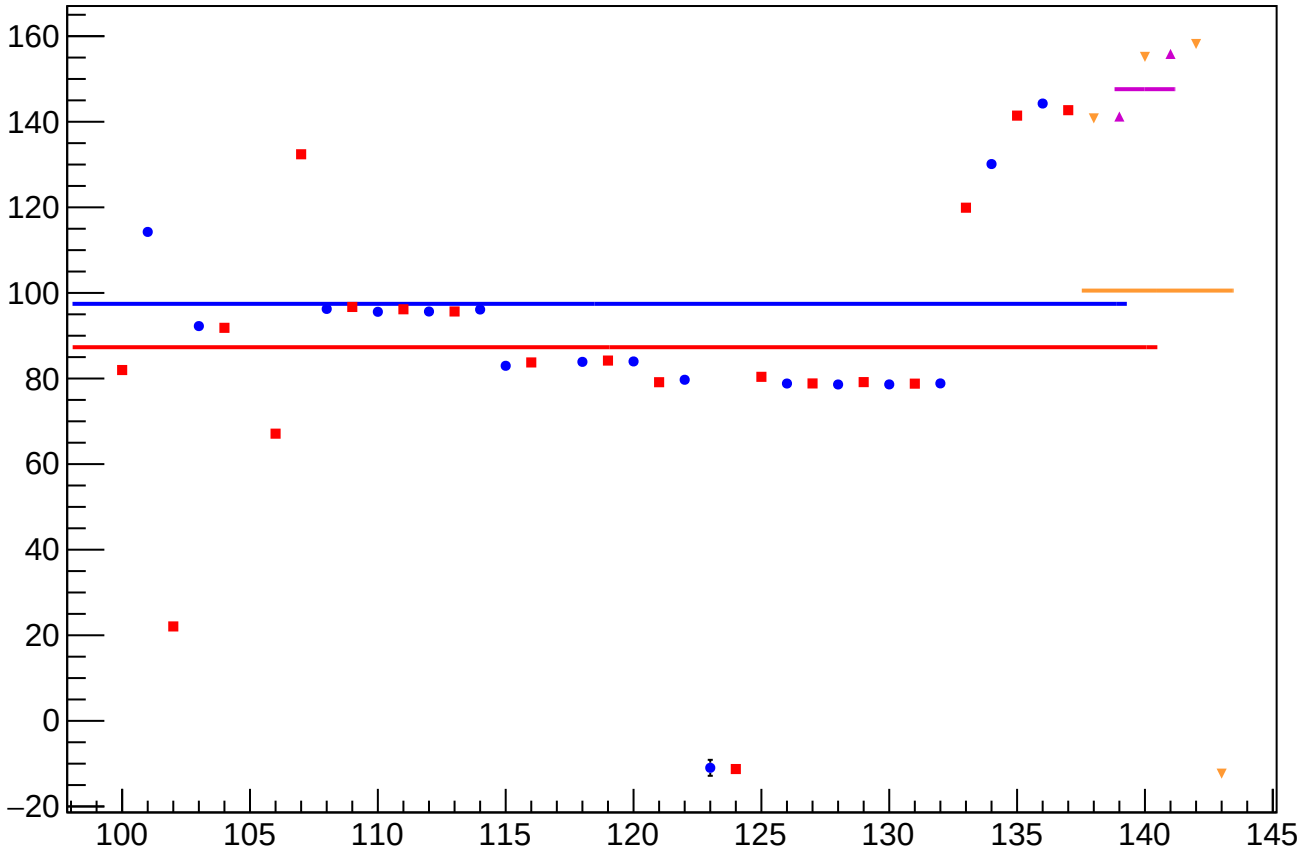
Left In: -71.559+/-3.872 χ^2/NDF:0.4/1

+ sign -75.130+/-1.084 χ^2/NDF: 1130.2/20

All: -74.001+/-0.790 χ^2/NDF: 1805.9/41

- sign -72.723+/-1.154 χ^2/NDF: 673.4/20

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 100.548+/-0.112 χ^2/NDF:446949.8/3

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

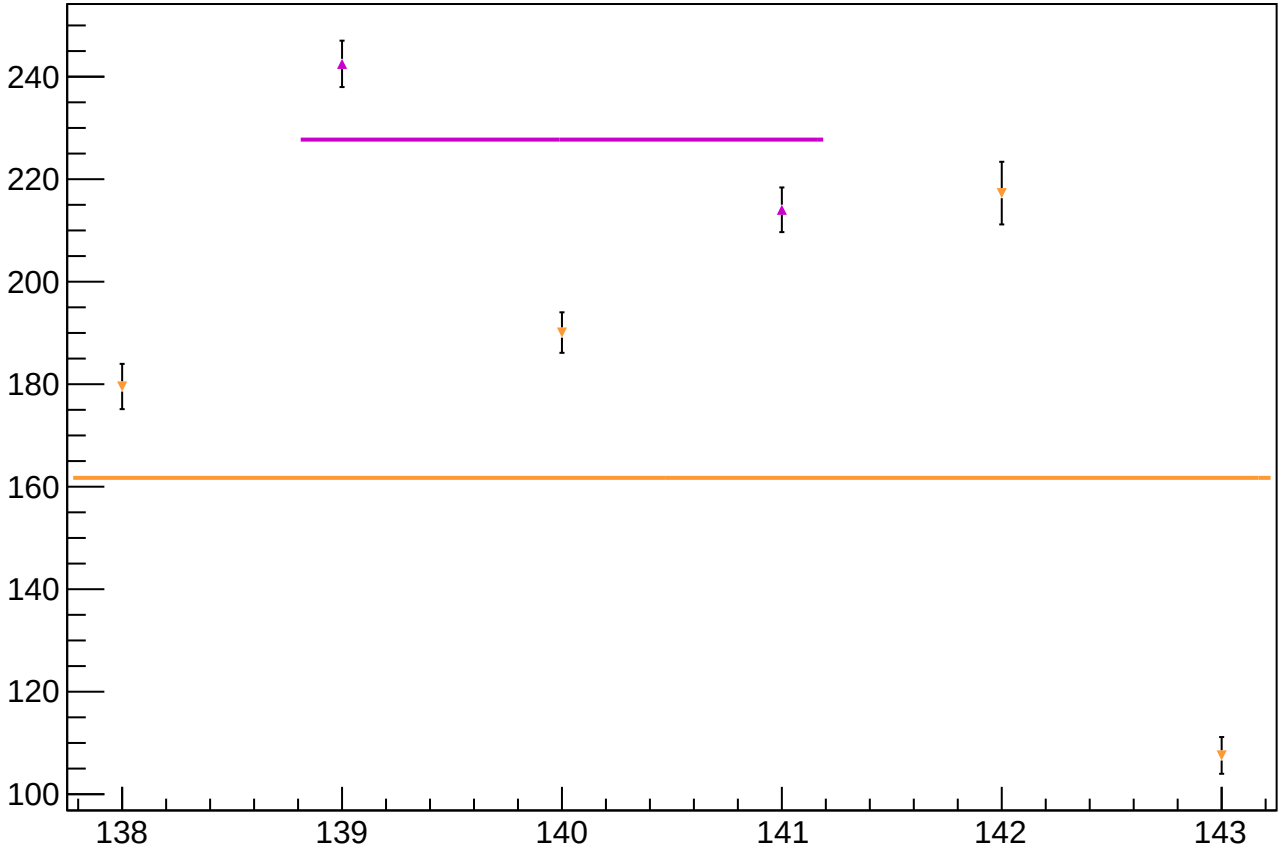
Left In: 147.612+/-0.143 χ^2/NDF:2559.6/1

+ sign 98.381+/-0.061 χ^2/NDF: 541961.9/20

All: 98.411+/-0.043 χ^2/NDF: 910436.2/41

- sign 98.442+/-0.062 χ^2/NDF: 368473.8/20

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: 161.727+/-2.133 χ^2/NDF:378.5/3

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

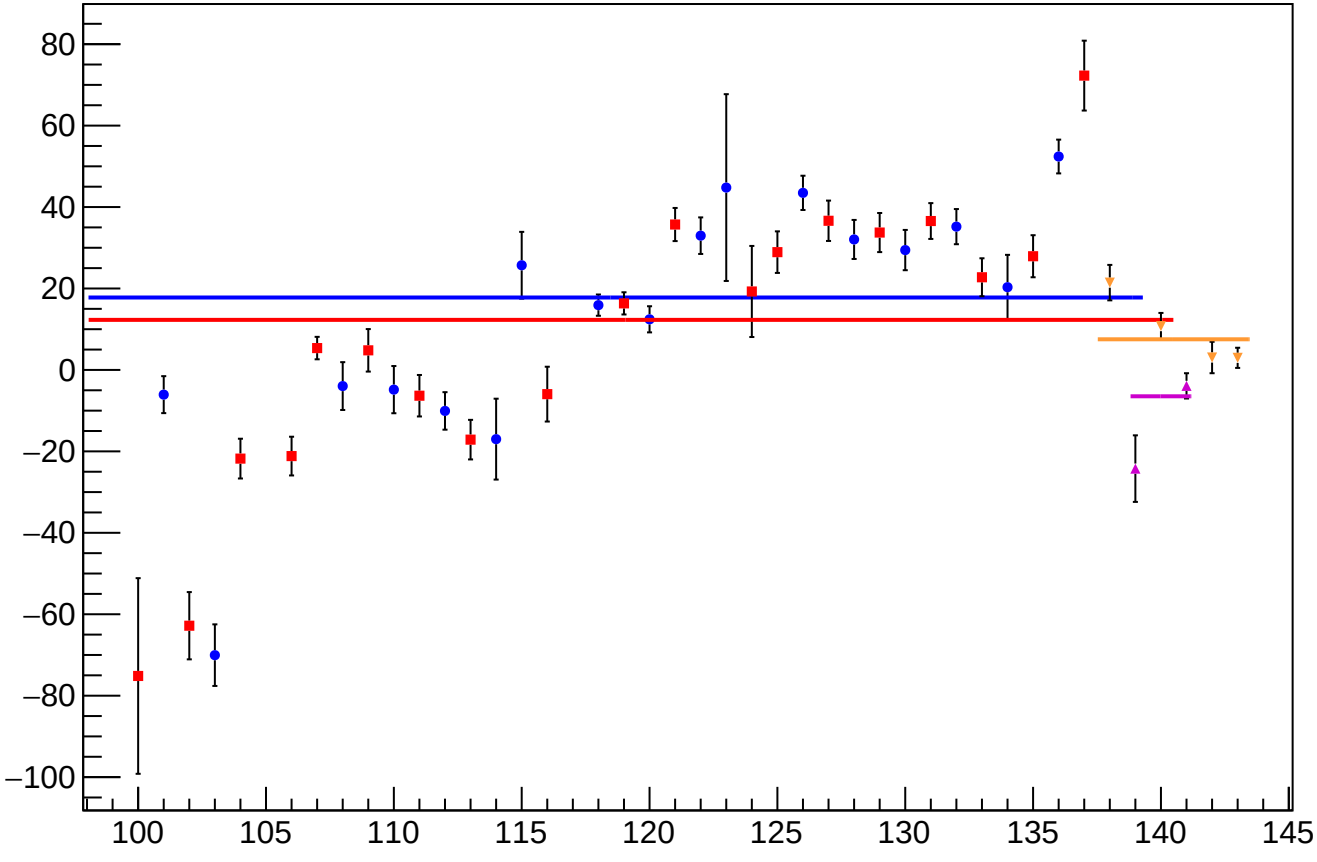
Left In: 227.726+/-3.139 χ^2/NDF:20.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 182.572+/-1.764 χ^2/NDF: 701.5/5

- 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: 7.523+/-1.626 χ^2/NDF:15.9/3

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

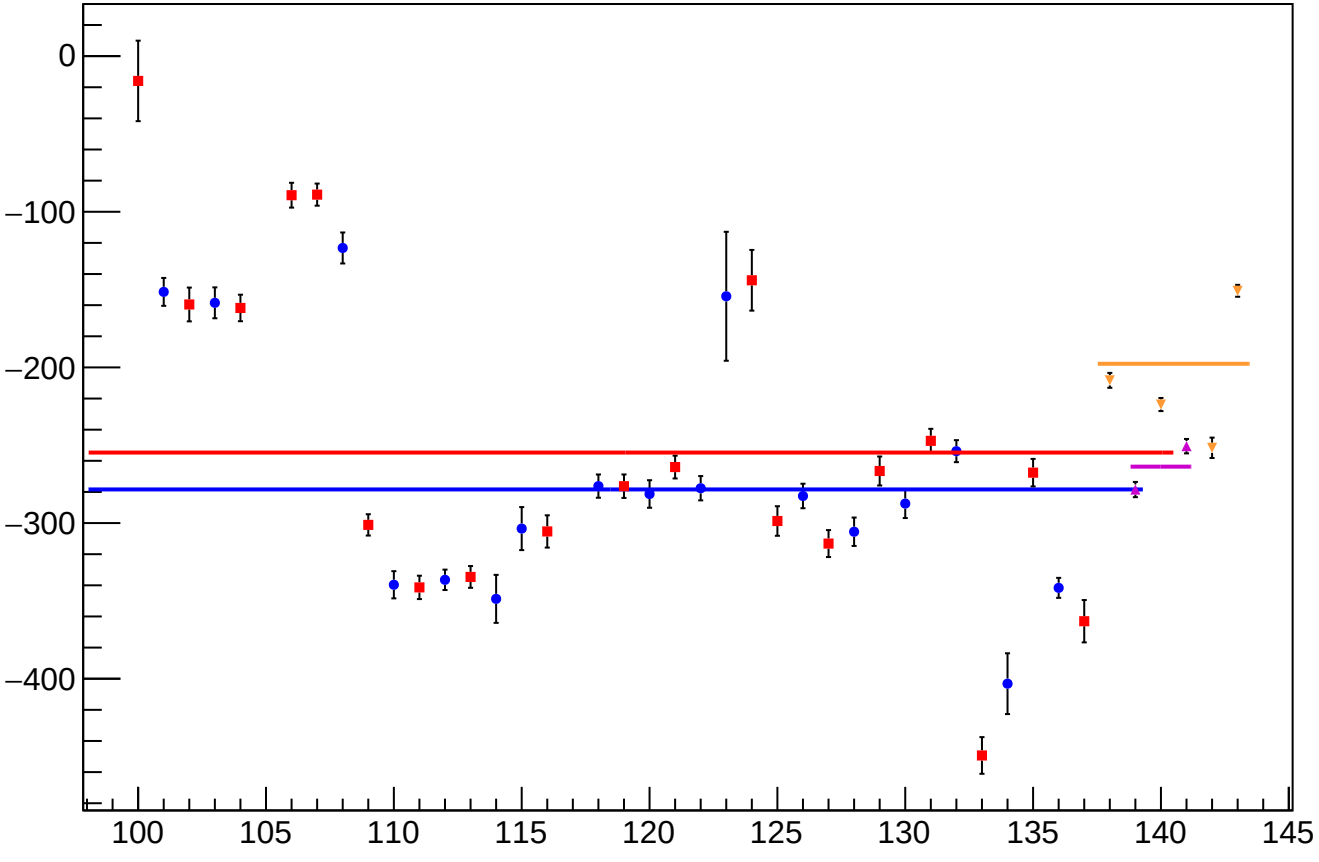
Left In: -6.475+/-2.902 χ^2/NDF:5.4/1

+ sign 14.377+/-0.937 χ^2/NDF: 437.7/20

All: 12.363+/-0.689 χ^2/NDF: 933.6/41

- sign 9.989+/-1.017 χ^2/NDF: 485.8/20

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: -197.665+/-2.284 χ^2/NDF:261.8/3

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

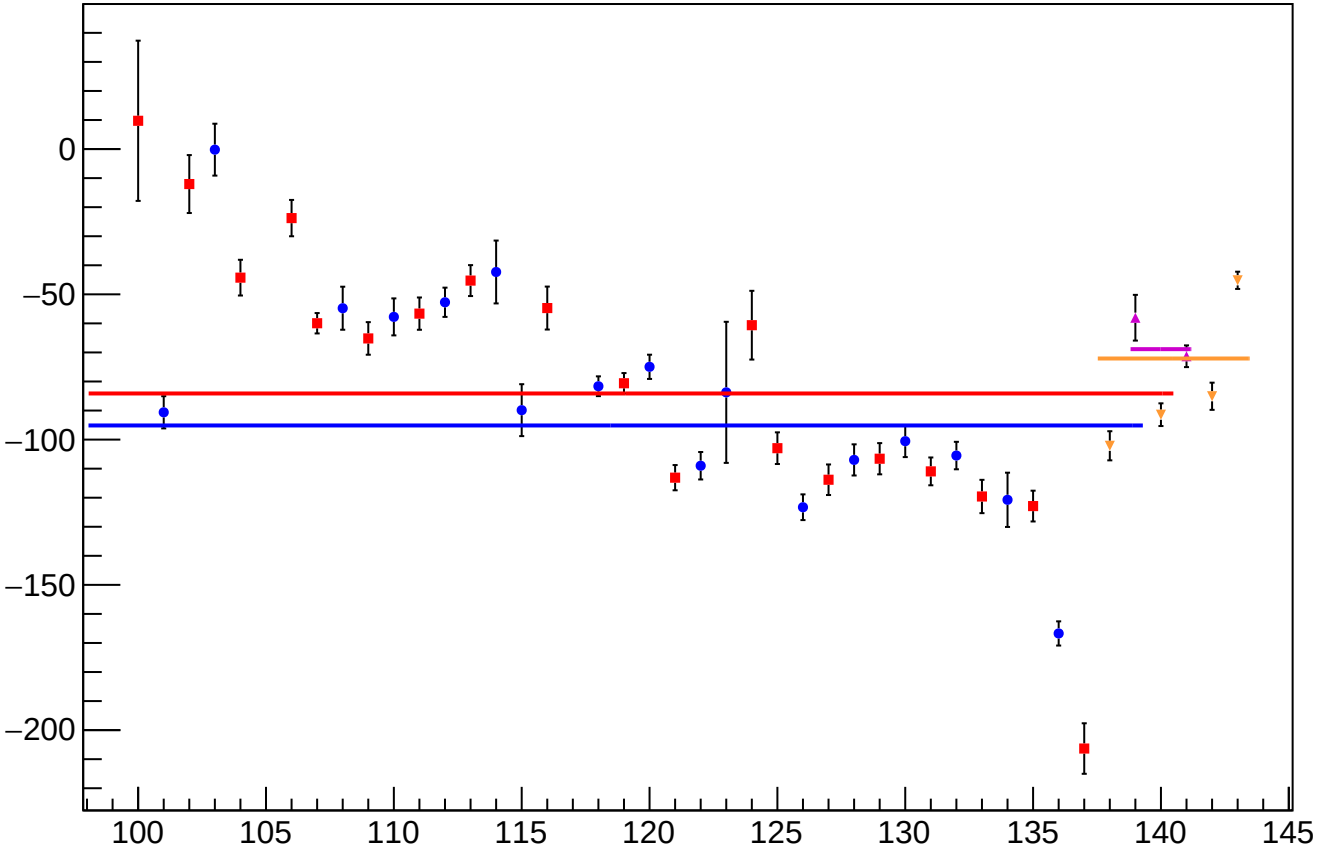
Left In: -263.751+/-3.366 χ^2/NDF:17.1/1

+ sign -240.136+/-1.572 χ^2/NDF: 1829.6/20

All: -247.799+/-1.164 χ^2/NDF: 3943.1/41

- sign -257.099+/-1.732 χ^2/NDF: 2060.9/20

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: -72.088+/-1.944 χ^2/NDF:150.4/3

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

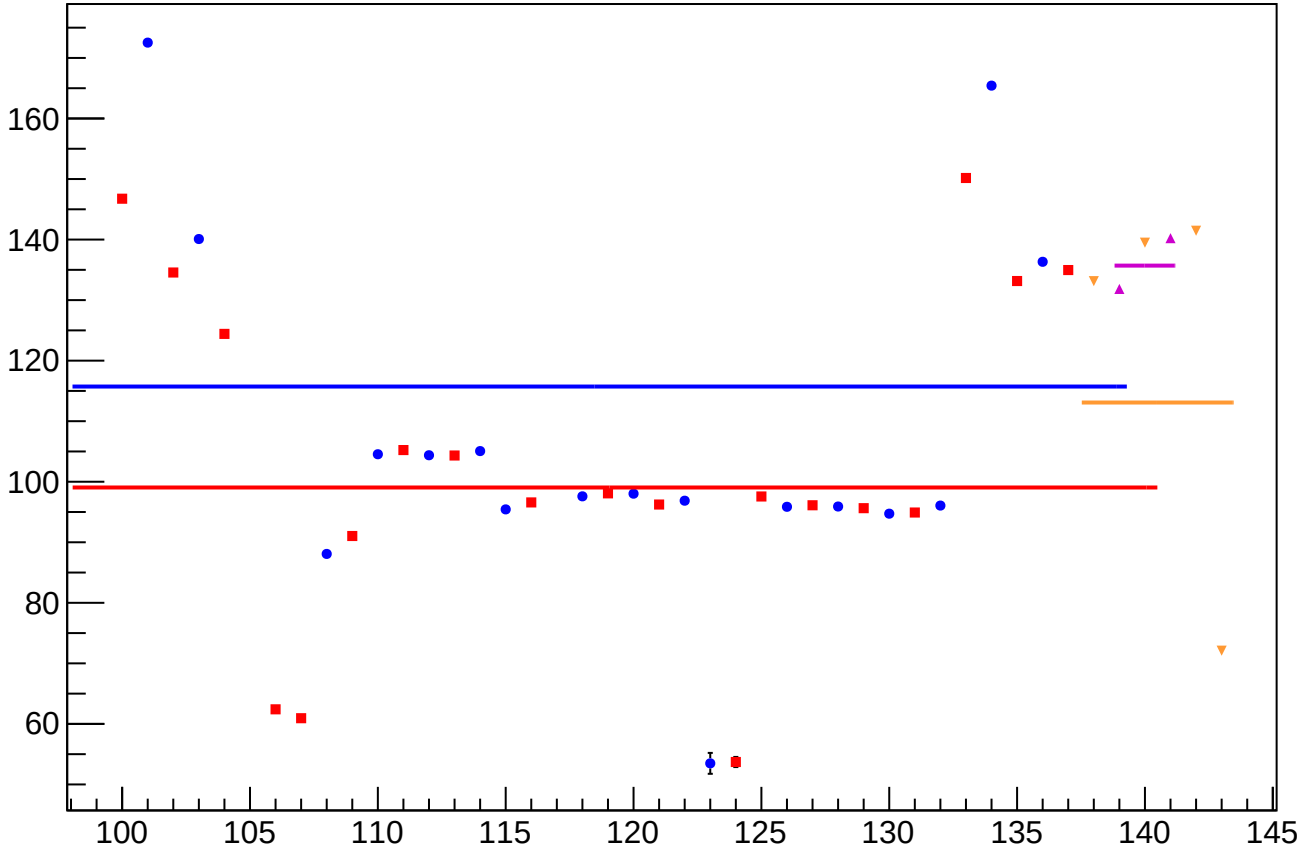
Left In: -68.869+/-3.377 χ^2/NDF:2.3/1

+ sign -87.844+/-1.093 χ^2/NDF: 921.4/20

All: -85.265+/-0.802 χ^2/NDF: 1736.5/41

- sign -82.263+/-1.179 χ^2/NDF: 803.1/20

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: 113.084+/-0.094 χ^2/NDF:114694.8/3

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

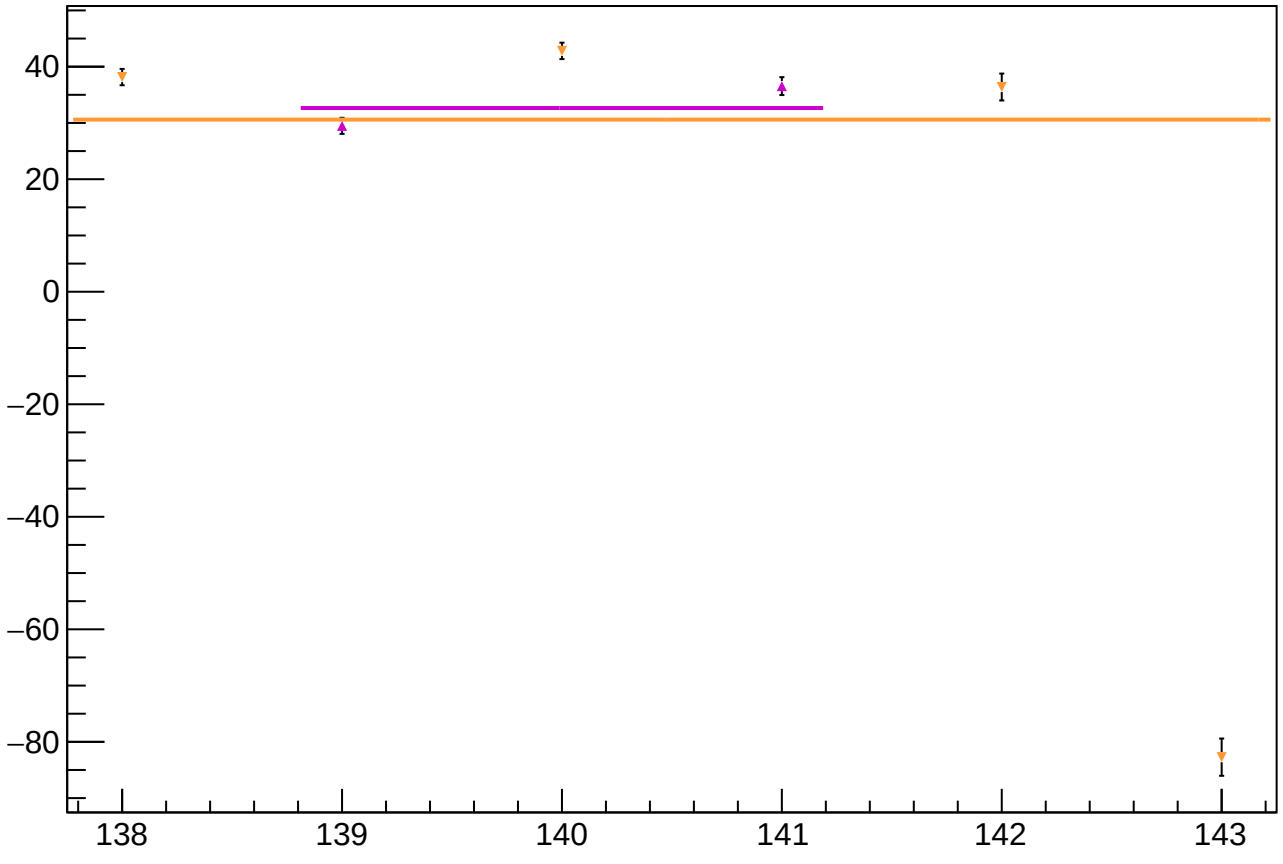
Left In: 135.698+/-0.127 χ^2/NDF:1078.3/1

+ sign 114.643+/-0.060 χ^2/NDF: 221552.0/20

All: 110.988+/-0.043 χ^2/NDF: 467897.4/41

- sign 107.284+/-0.060 χ^2/NDF: 238854.9/20

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: 30.595+/-0.909 χ^2/NDF:1274.7/3

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

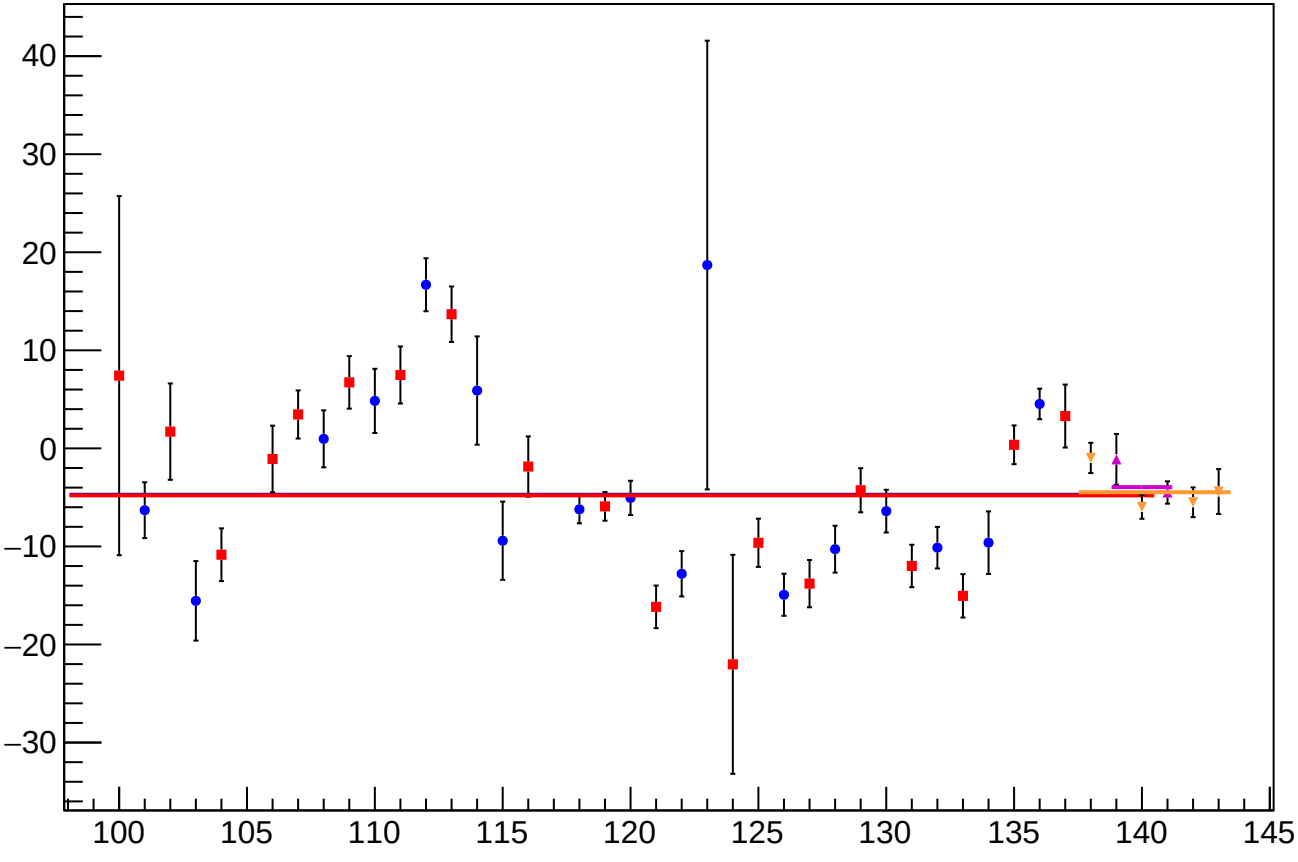
Left In: 32.654+/-1.063 χ^2/NDF:10.9/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 31.464+/-0.691 χ^2/NDF: 1287.8/5

- 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: -4.471+/-0.759 χ^2/NDF:7.2/3

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

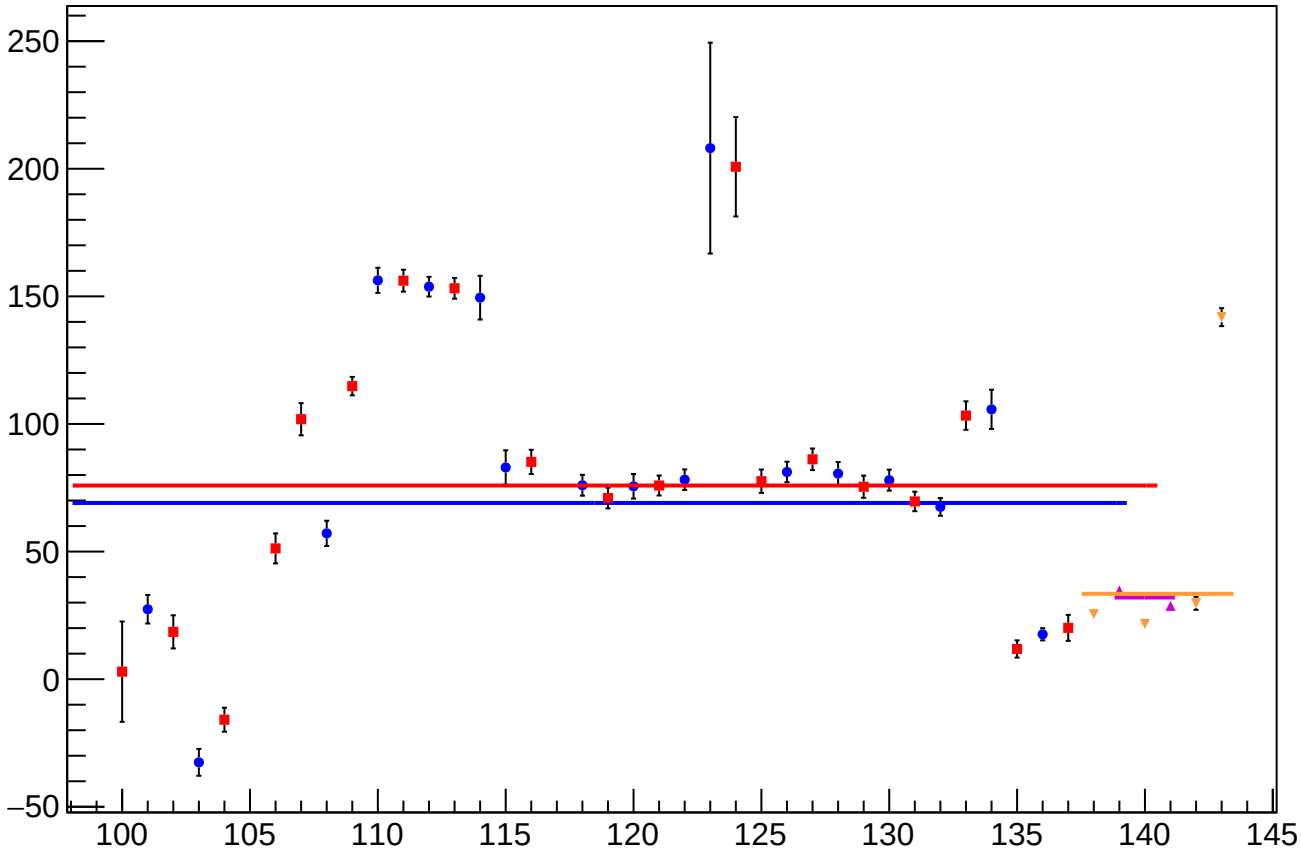
Left In: -3.952+/-1.042 χ^2/NDF:1.4/1

+ sign -4.635+/-0.461 χ^2/NDF: 182.1/20

All: -4.615+/-0.342 χ^2/NDF: 377.5/41

- sign -4.591+/-0.510 χ^2/NDF: 195.4/20

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: 33.445+/-0.976 χ^2/NDF:1027.0/3

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

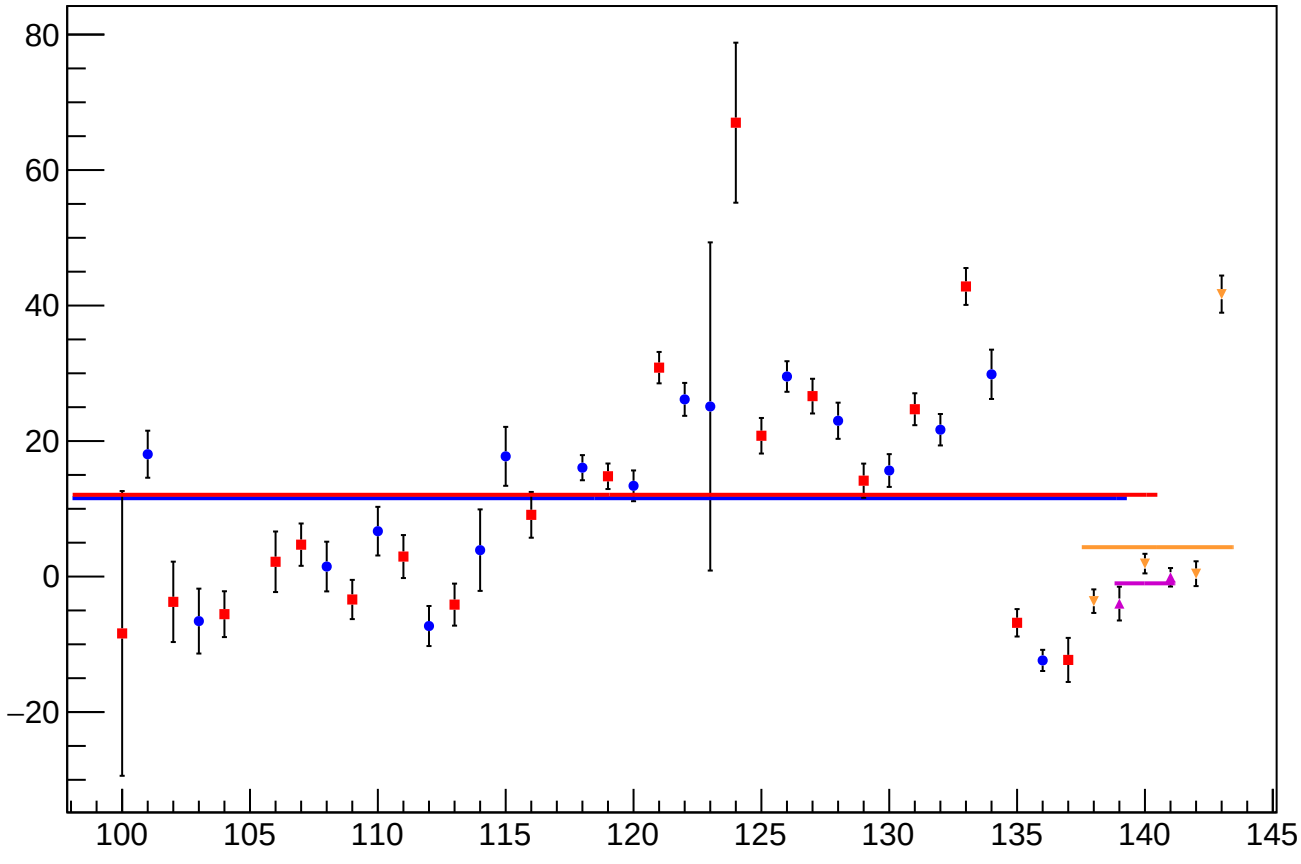
Left In: 31.993+/-1.142 χ^2/NDF:6.9/1

+ sign 49.500+/-0.723 χ^2/NDF: 3475.3/20

All: 52.210+/-0.530 χ^2/NDF: 6194.4/41

- sign 55.368+/-0.781 χ^2/NDF: 2688.8/20

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: 4.336+/-0.898 χ^2/NDF:213.8/3

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

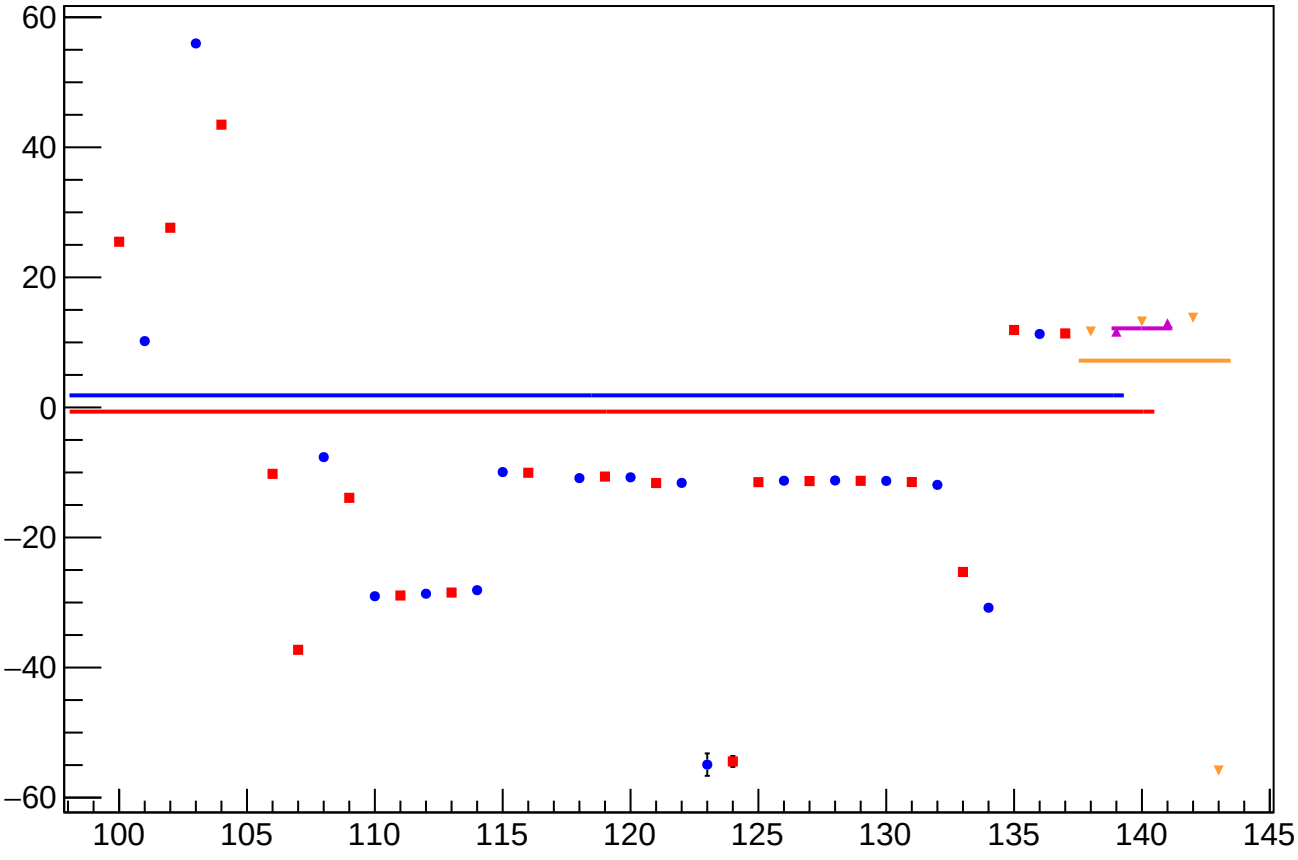
Left In: -1.000+/-1.197 χ^2/NDF:1.9/1

+ sign 9.037+/-0.531 χ^2/NDF: 734.2/20

All: 9.017+/-0.392 χ^2/NDF: 1370.5/41

- sign 8.993+/-0.581 χ^2/NDF: 636.3/20

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: 7.194+/-0.040 χ^2/NDF:215628.4/3

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

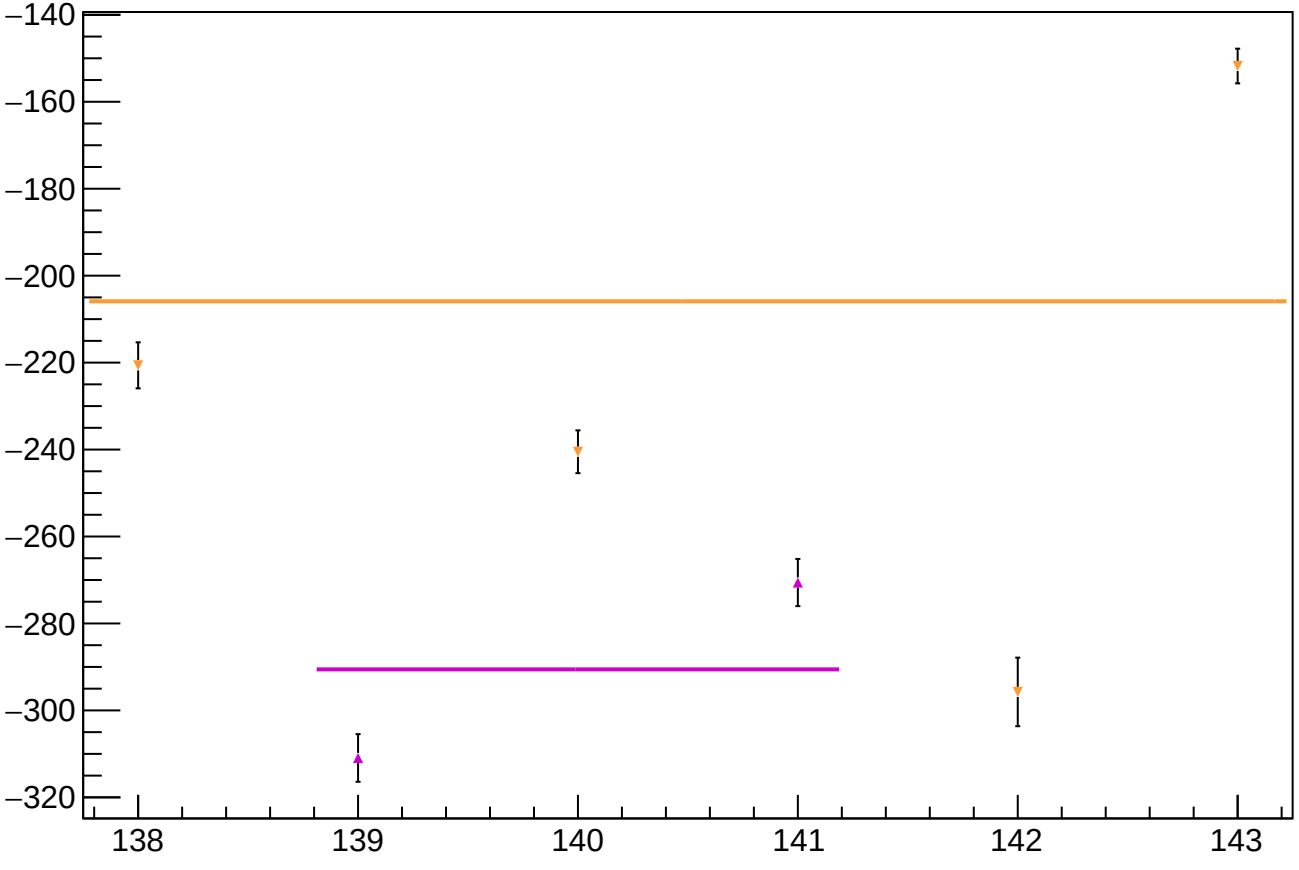
Left In: 12.161+/-0.043 χ^2/NDF:216.0/1

+ sign 4.330+/-0.027 χ^2/NDF: 584693.0/20

All: 4.590+/-0.019 χ^2/NDF: 998120.6/41

- sign 4.866+/-0.028 χ^2/NDF: 413237.8/20

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: -205.887+/-2.533 χ^2/NDF:371.1/3

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

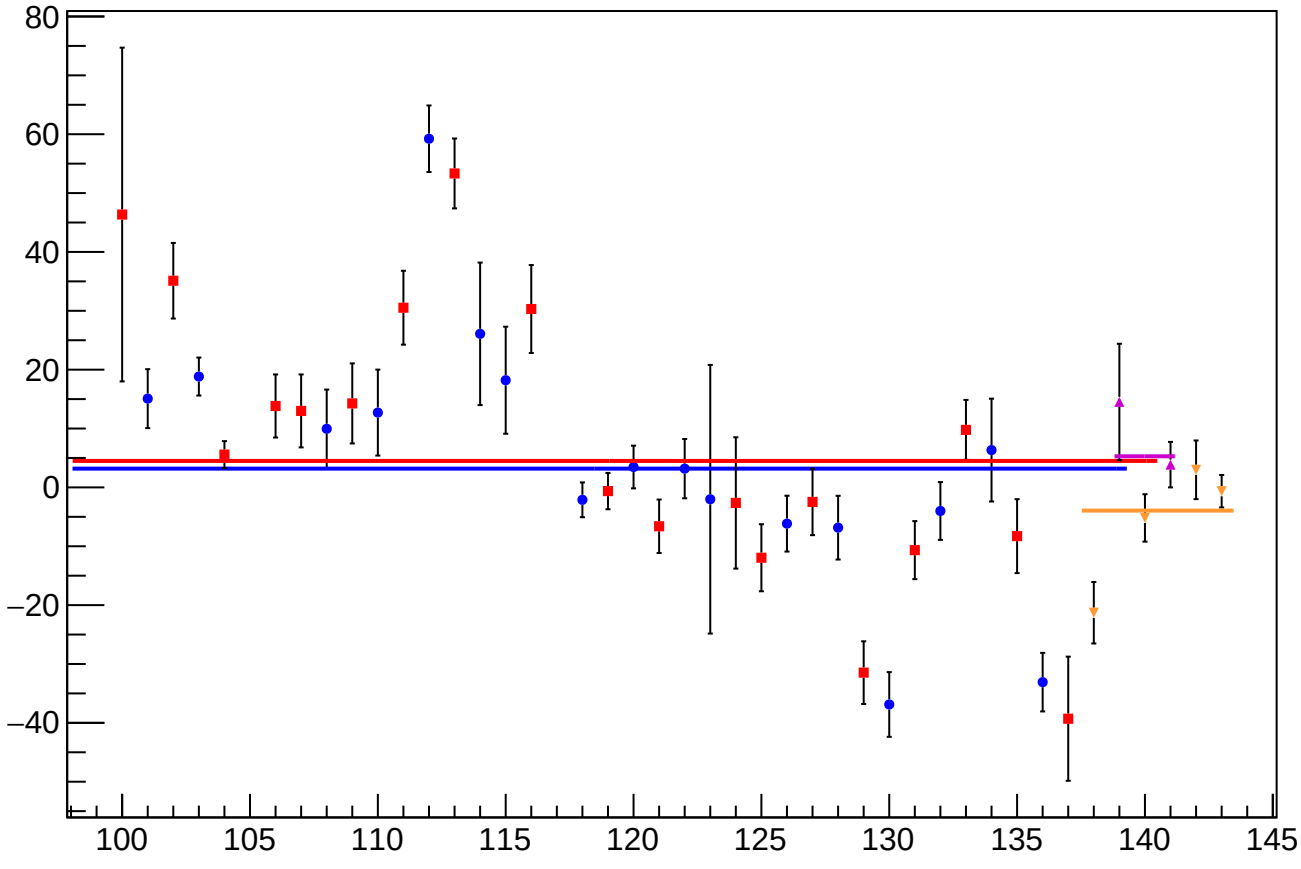
Left In: -290.560+/-3.856 χ^2/NDF:27.4/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -231.409+/-2.117 χ^2/NDF: 735.3/5

- 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: -3.940+/-1.923 χ^2/NDF:14.5/3

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

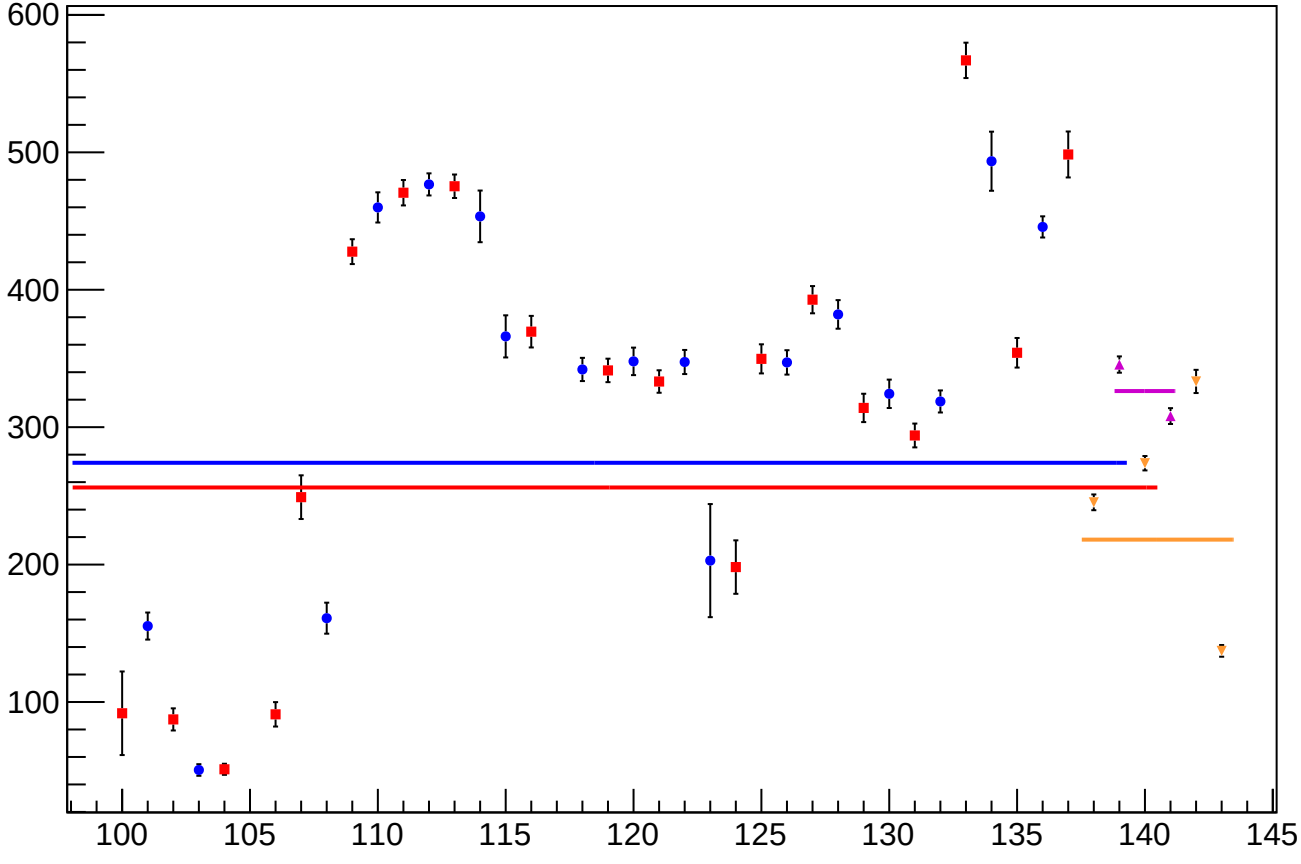
Left In: 5.282+/-3.598 χ^2/NDF:1.0/1

+ sign 1.129+/-1.033 χ^2/NDF: 279.9/20

All: 2.737+/-0.754 χ^2/NDF: 511.6/41

- sign 4.571+/-1.104 χ^2/NDF: 226.5/20

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: 218.164+/-2.712 χ^2/NDF:682.5/3

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

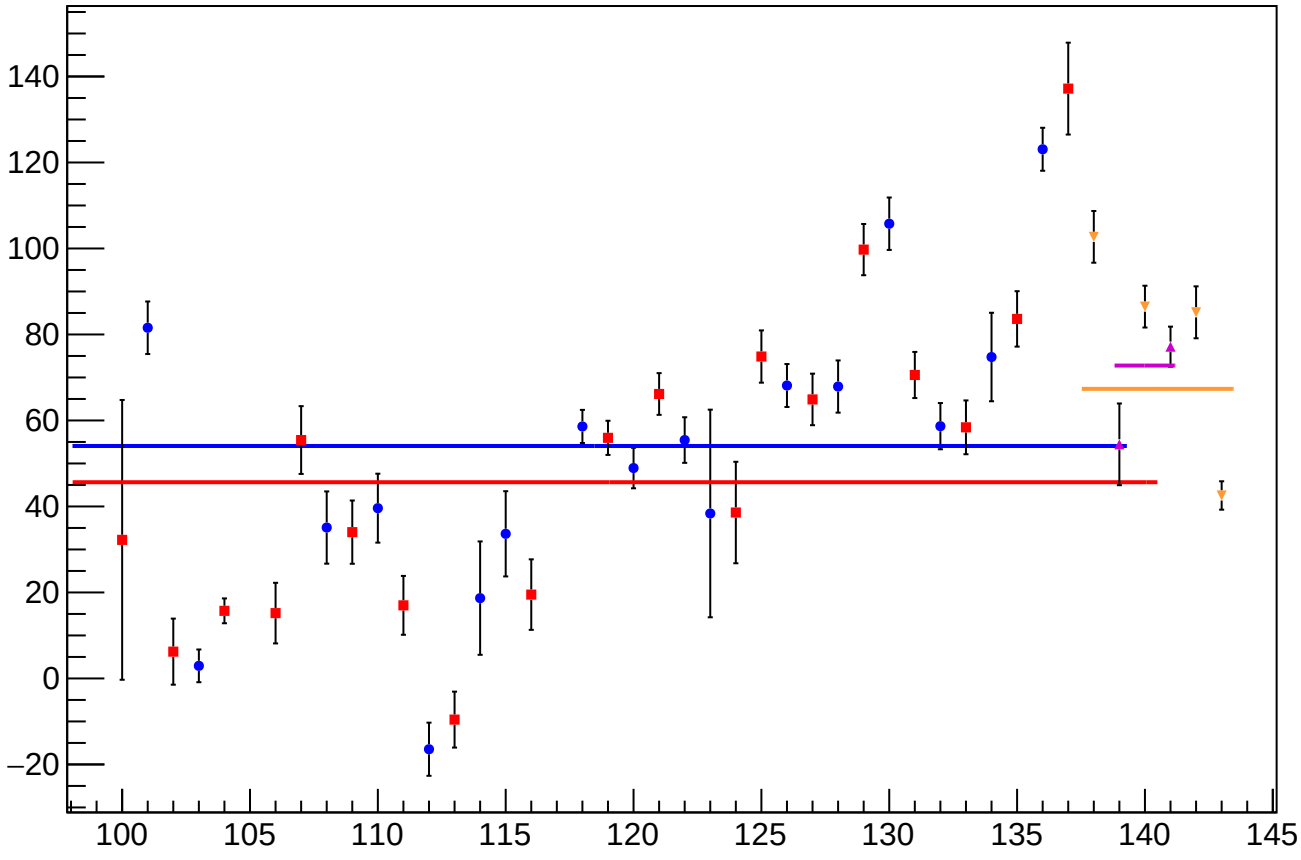
Left In: 326.285+/-4.136 χ^2/NDF:20.5/1

+ sign 251.995+/-1.704 χ^2/NDF: 6051.7/20

All: 260.345+/-1.256 χ^2/NDF: 12798.6/41

- sign 270.275+/-1.858 χ^2/NDF: 6694.3/20

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: 67.350+/-2.300 χ^2/NDF:115.1/3

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

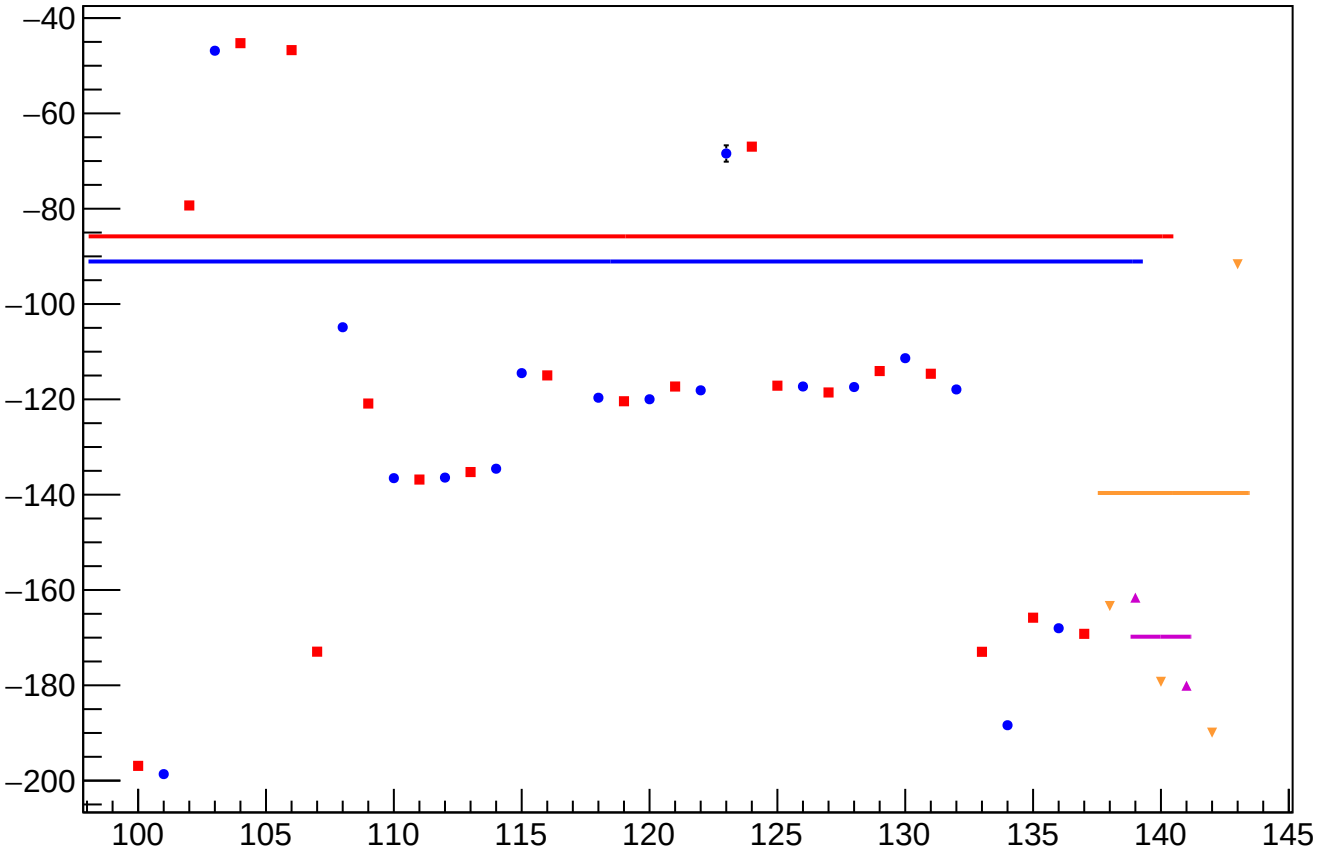
Left In: 72.770+/-4.180 χ^2/NDF:4.6/1

+ sign 57.734+/-1.209 χ^2/NDF: 773.7/20

All: 53.301+/-0.883 χ^2/NDF: 1376.0/41

- sign 48.231+/-1.292 χ^2/NDF: 573.5/20

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: -139.648+/-0.111 χ^2/NDF:141553.5/3

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

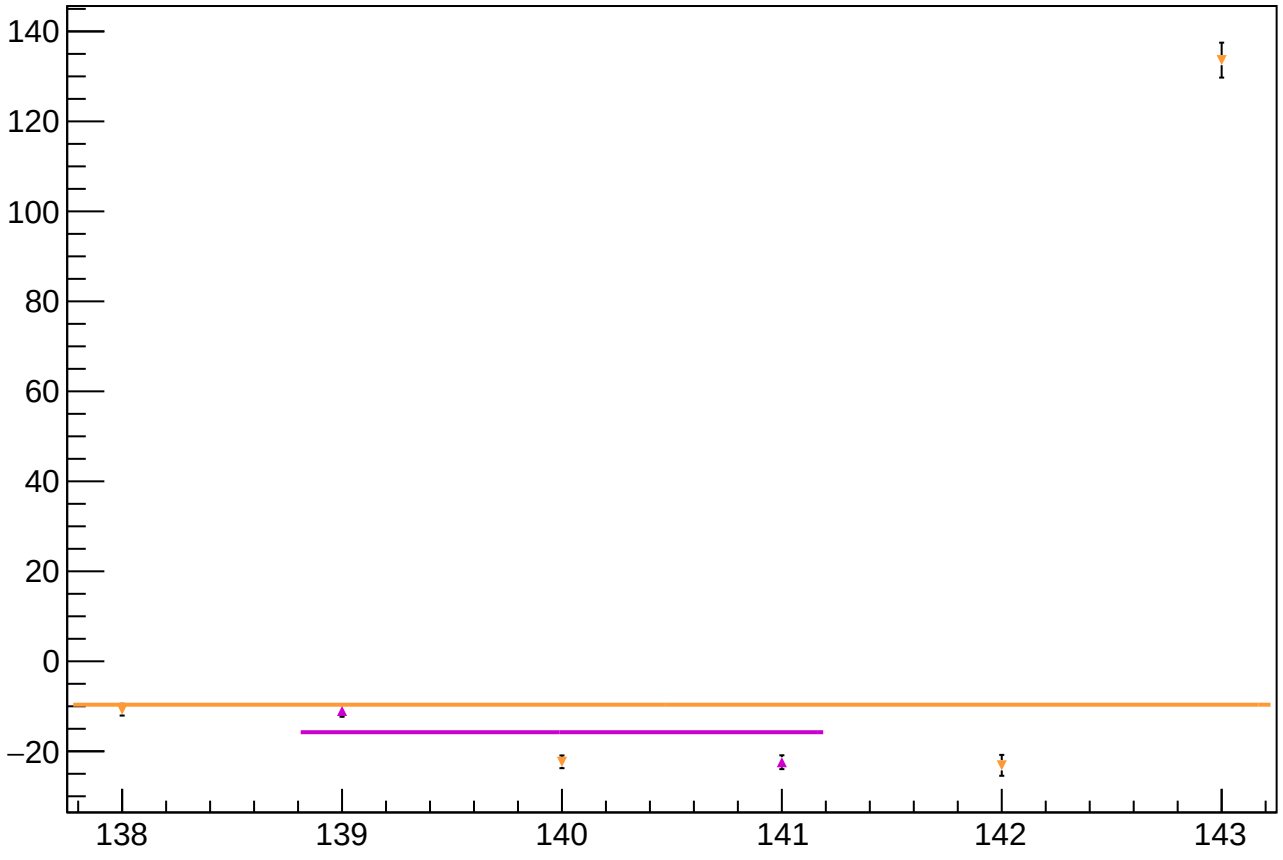
Left In: -169.801+/-0.156 χ^2/NDF:3472.0/1

+ sign -104.201+/-0.058 χ^2/NDF: 816024.0/20

All: -101.350+/-0.042 χ^2/NDF: 1567920.9/41

- sign -98.265+/-0.060 χ^2/NDF: 746813.0/20

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: -9.644+/-0.866 χ^2/NDF:1477.7/3

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

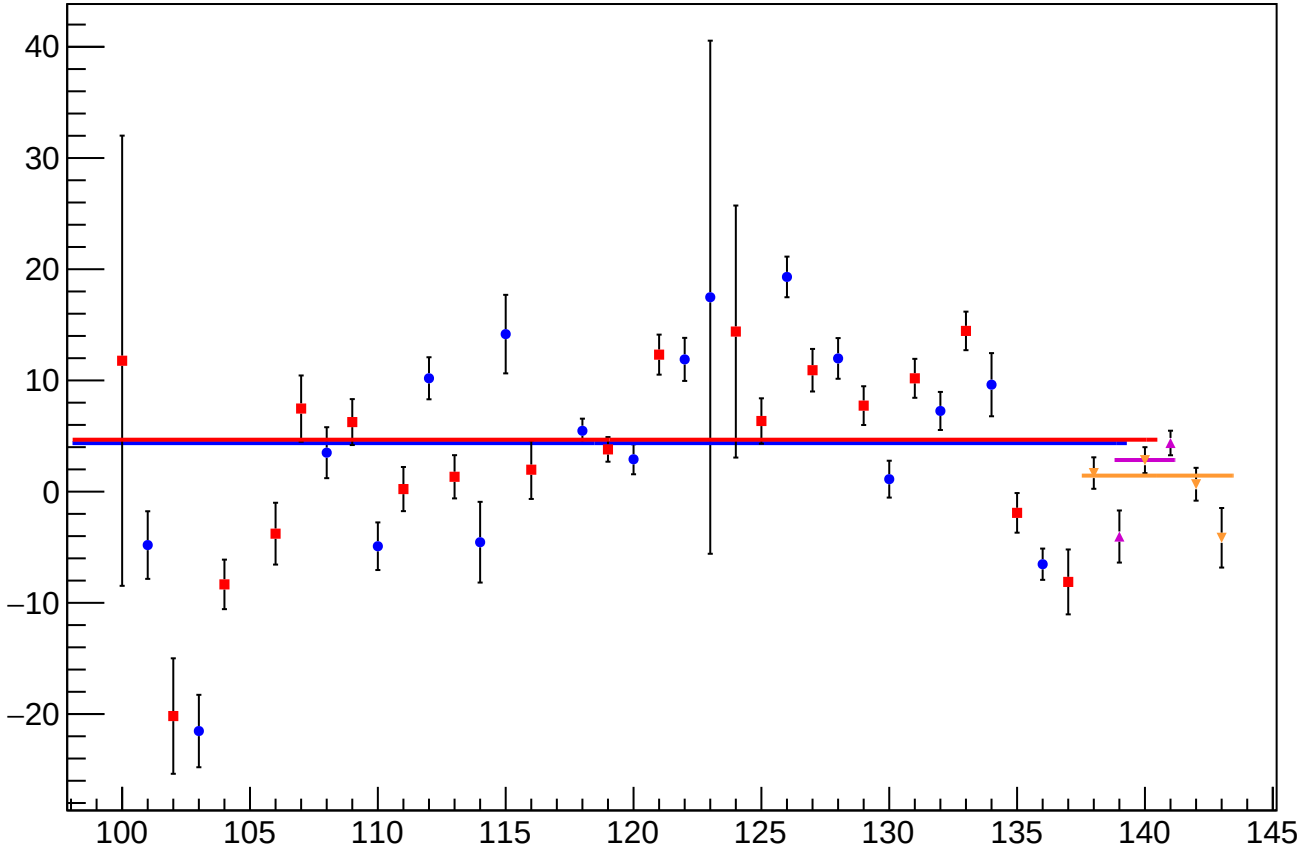
Left In: -15.763+/-0.992 χ^2/NDF:32.0/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -12.290+/-0.652 χ^2/NDF: 1531.3/5

- 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: 1.441+/-0.739 χ^2/NDF:6.1/3

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

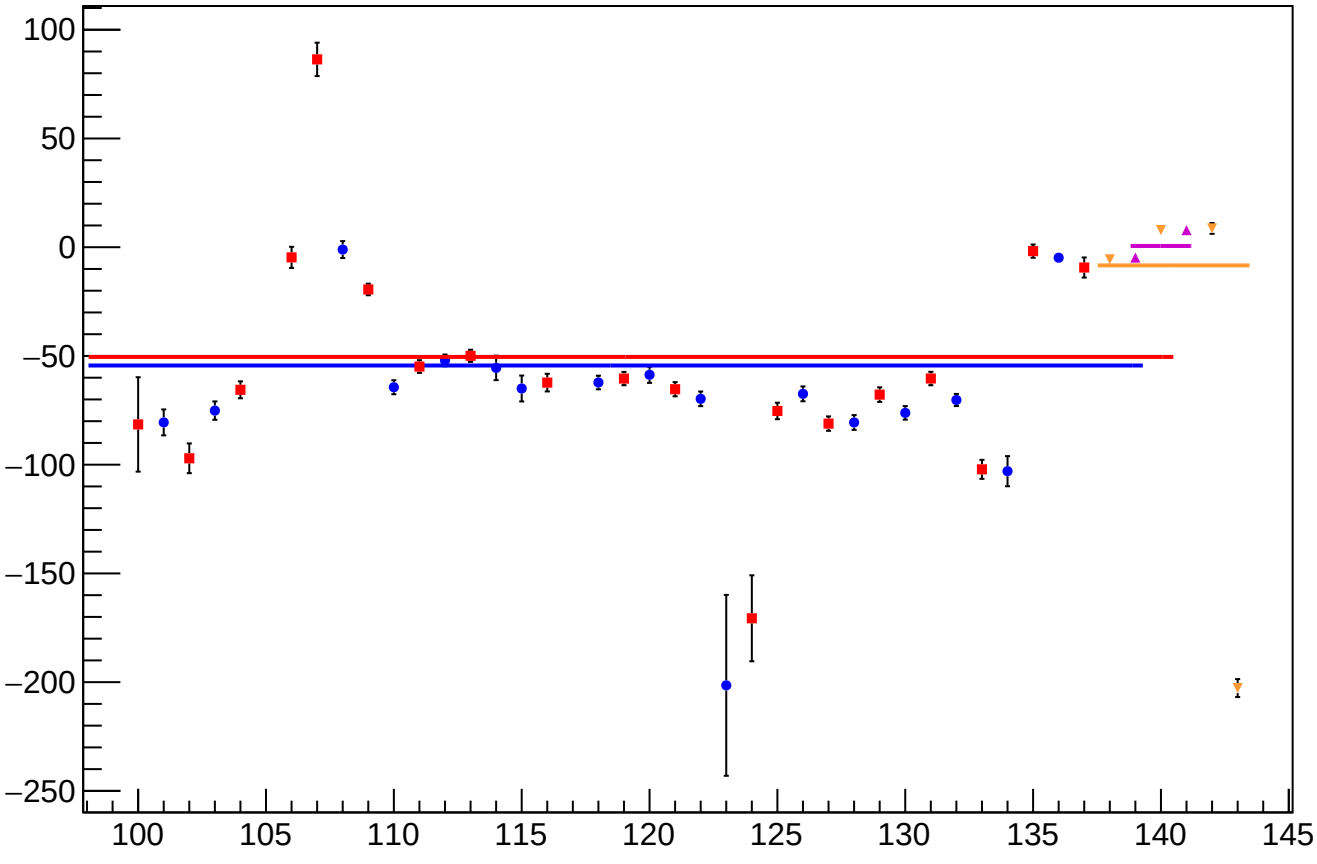
Left In: 2.844+/-0.999 χ^2/NDF:10.5/1

+ sign 3.534+/-0.393 χ^2/NDF: 303.8/20

All: 3.900+/-0.290 χ^2/NDF: 504.3/41

- sign 4.334+/-0.428 χ^2/NDF: 198.7/20

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: -8.365+/-0.930 χ^2/NDF:2369.1/3

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

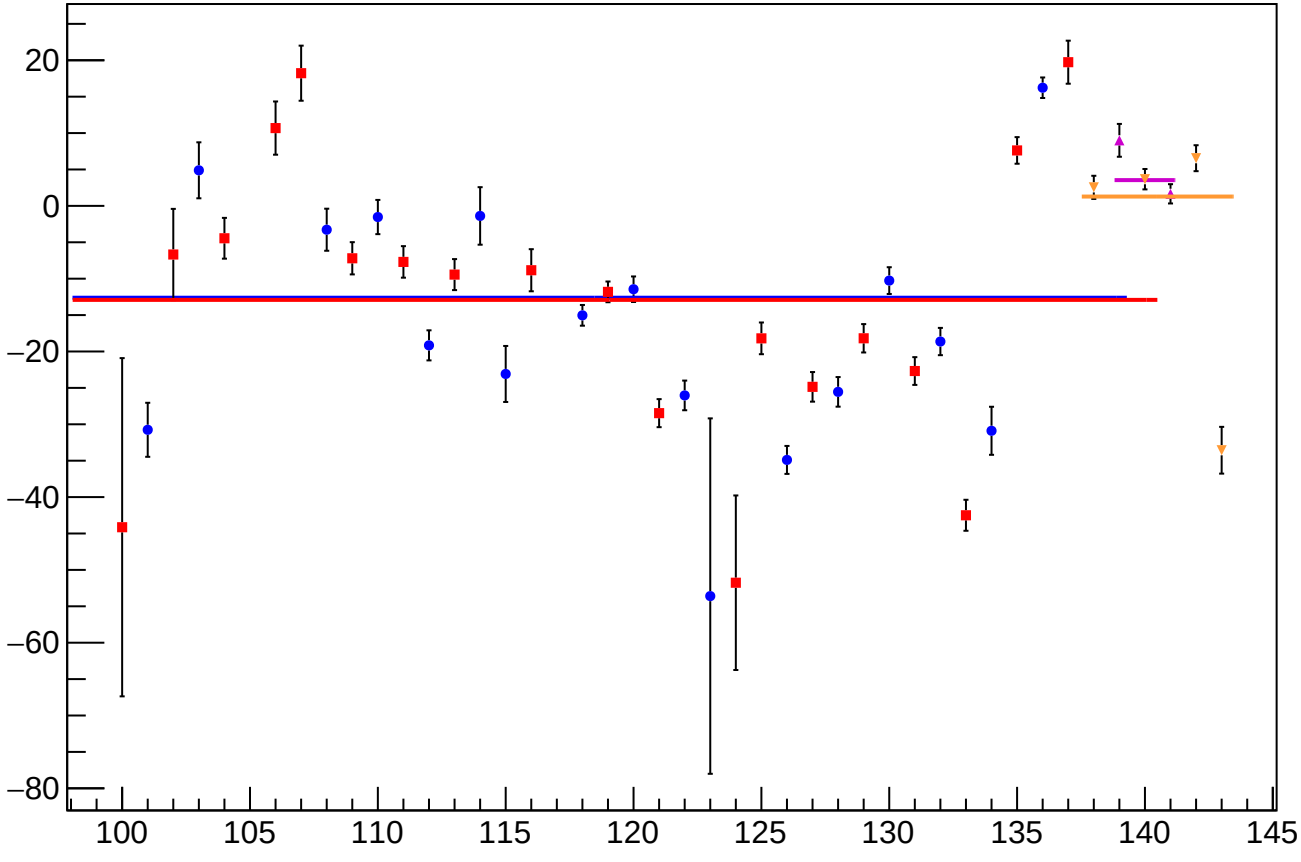
Left In: 0.576+/-1.066 χ^2/NDF:34.2/1

+ sign -33.111+/-0.632 χ^2/NDF: 4699.1/20

All: -31.826+/-0.459 χ^2/NDF: 7458.1/41

- sign -30.392+/-0.668 χ^2/NDF: 2750.3/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616+/-0.530 χ^2/NDF: 788.2/16

Left Out: 1.281+/-0.871 χ^2/NDF:130.0/3

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

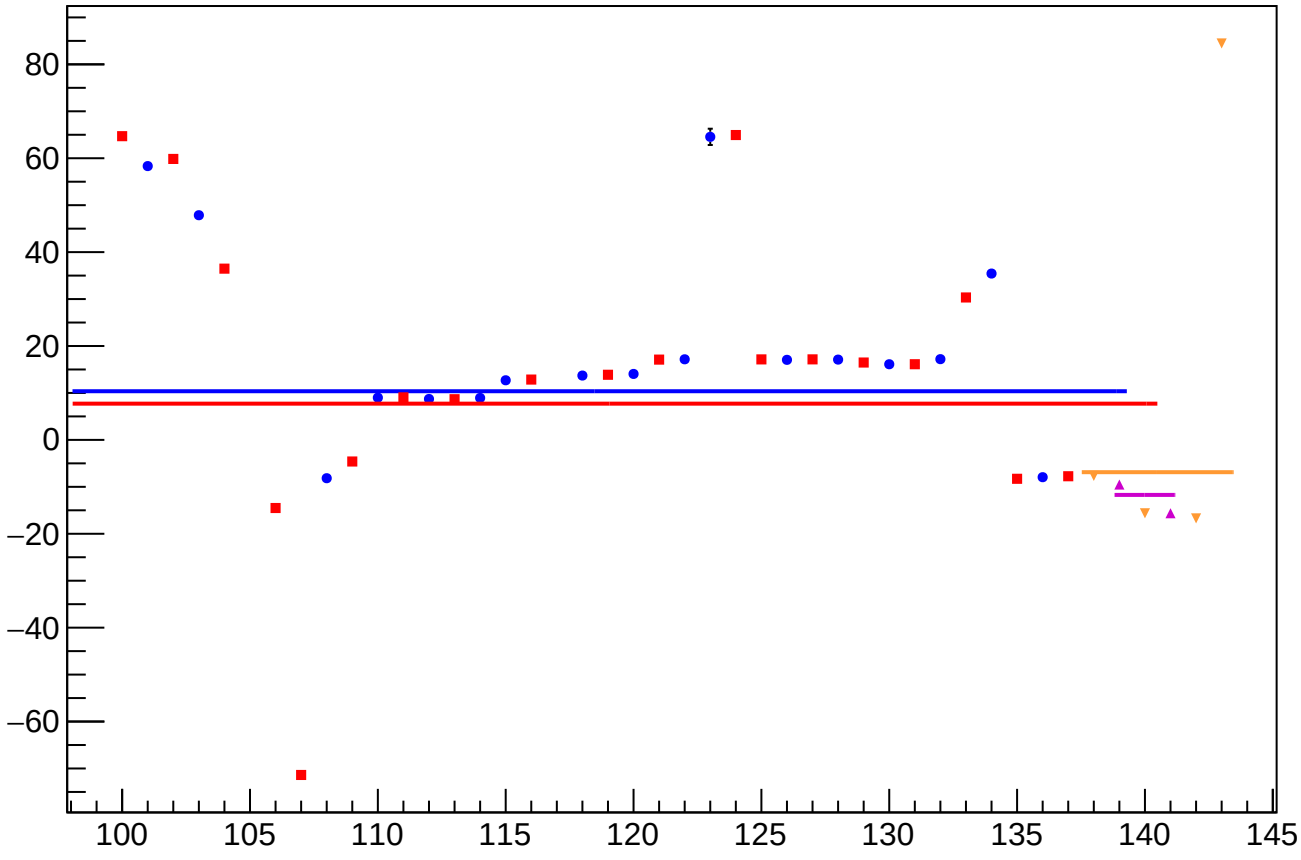
Left In: 3.539+/-1.142 χ^2/NDF:7.9/1

+ sign -8.859+/-0.453 χ^2/NDF: 1104.0/20

All: -9.352+/-0.332 χ^2/NDF: 2014.4/41

- sign -9.922+/-0.487 χ^2/NDF: 907.9/20

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: -6.880+/-0.038 χ^2/NDF:330300.9/3

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

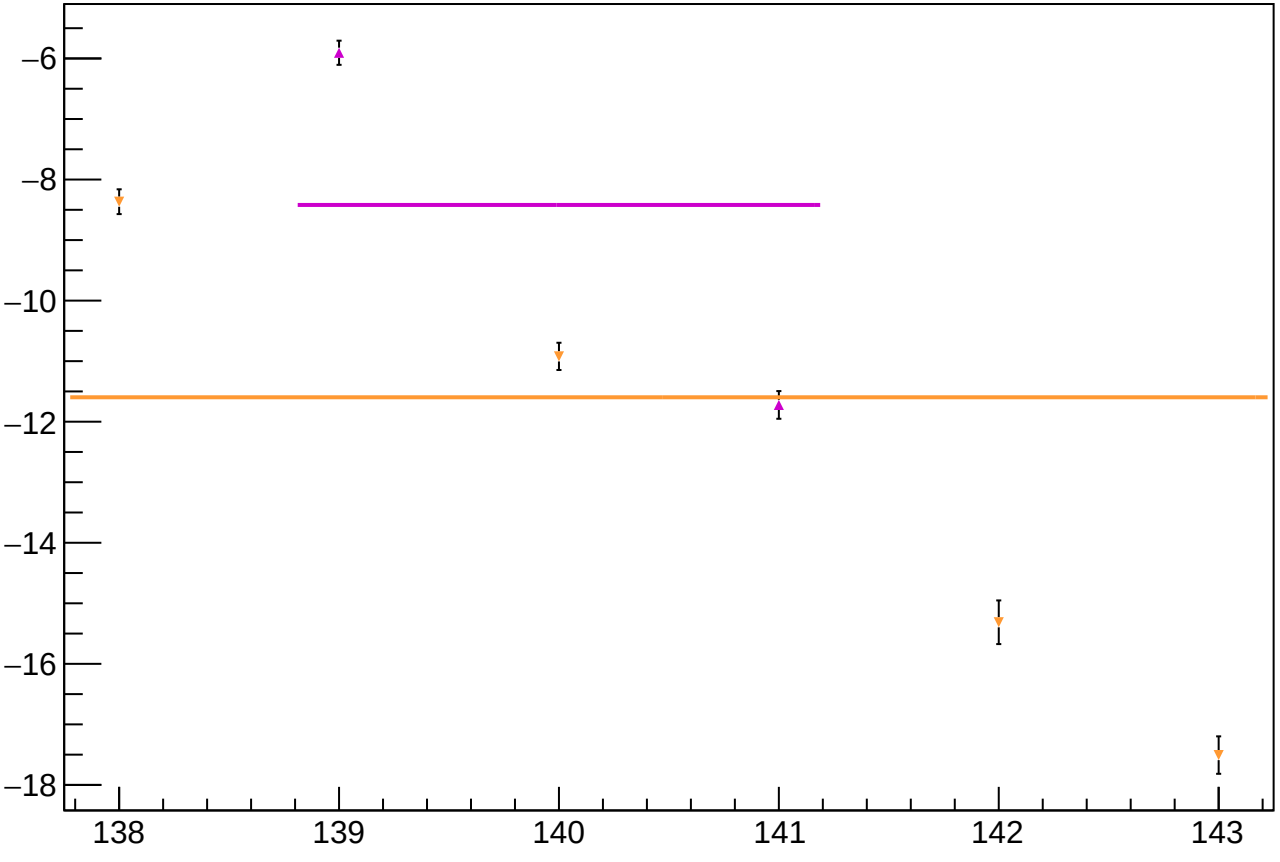
Left In: -11.721+/-0.040 χ^2/NDF:5501.9/1

+ sign 3.555+/-0.024 χ^2/NDF: 837260.3/20

All: 1.958+/-0.017 χ^2/NDF: 1545764.6/41

- sign 0.254+/-0.025 χ^2/NDF: 699156.4/20

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -11.597+/-0.127 χ^2/NDF:729.2/3

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

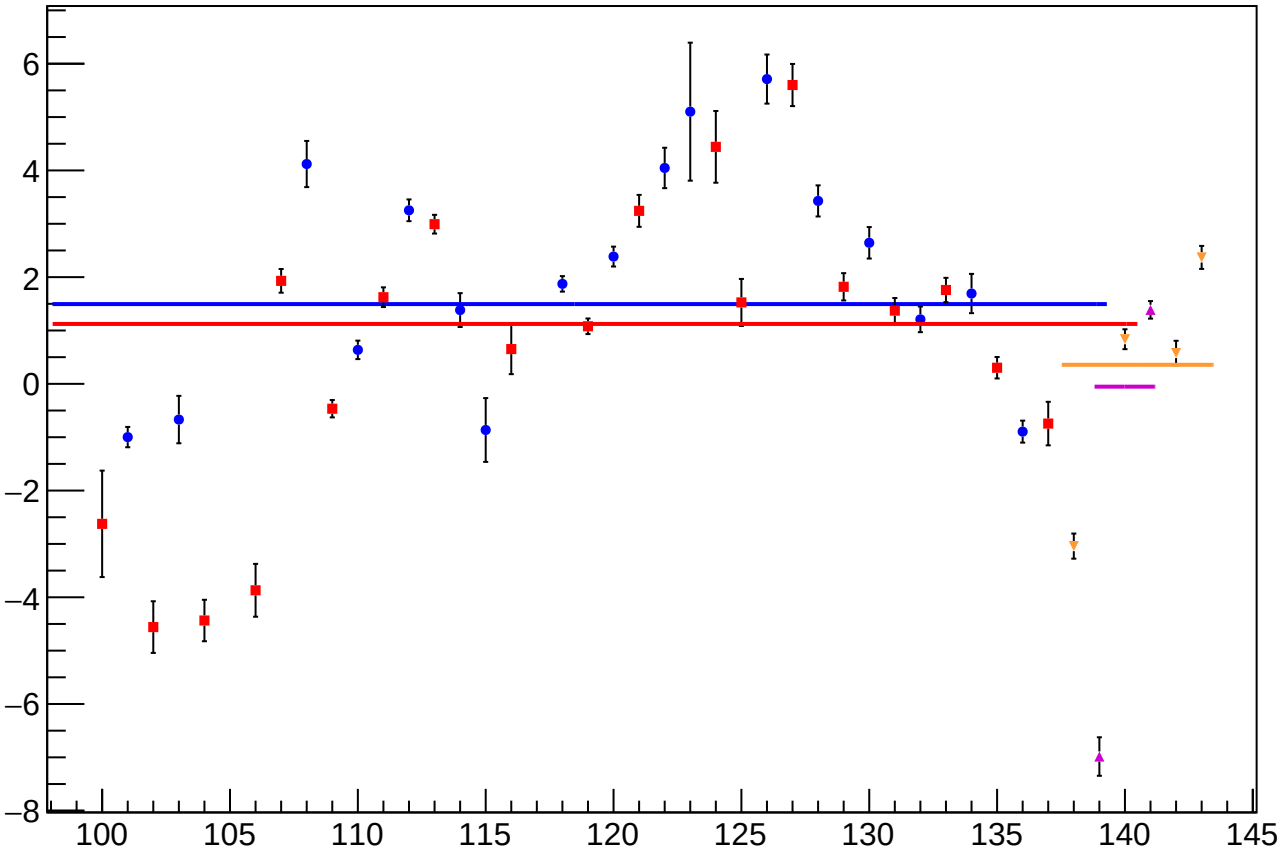
Left In: -8.420+/-0.150 χ^2/NDF:367.2/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.271+/-0.097 χ^2/NDF: 1356.5/5

- 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: 0.357+/-0.107 χ^2/NDF:303.1/3

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

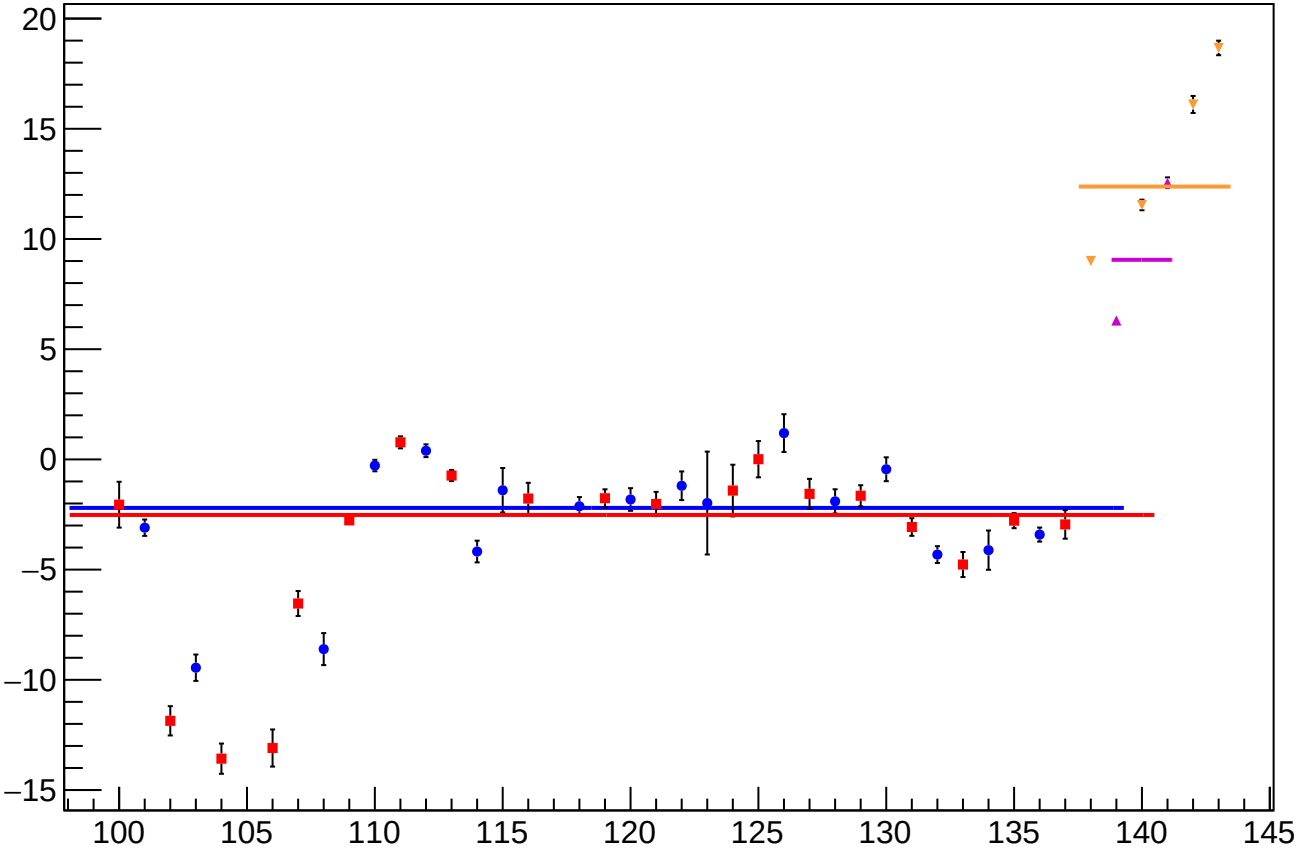
Left In: -0.053+/-0.150 χ^2/NDF:445.2/1

+ sign 1.215+/-0.053 χ^2/NDF: 1097.2/20

All: 1.095+/-0.038 χ^2/NDF: 2553.0/41

- sign 0.968+/-0.054 χ^2/NDF: 1445.1/20

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 12.378+/-0.137 χ^2/NDF:698.4/3

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

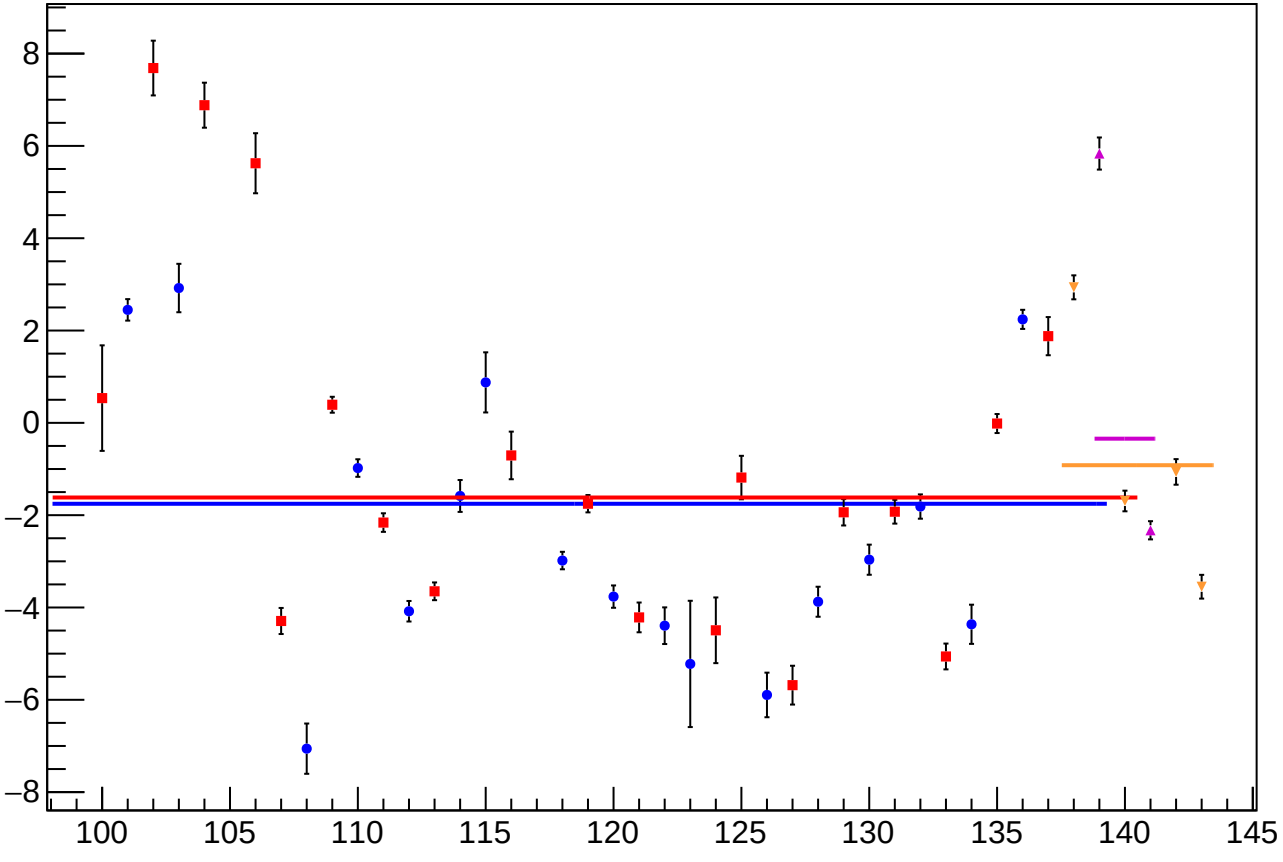
Left In: 9.055+/-0.161 χ^2/NDF:369.1/1

+ sign 3.567+/-0.086 χ^2/NDF: 8033.7/20

All: 2.076+/-0.060 χ^2/NDF: 13632.4/41

- sign 0.640+/-0.084 χ^2/NDF: 5008.1/20

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -0.918+/-0.126 χ^2/NDF:336.9/3

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

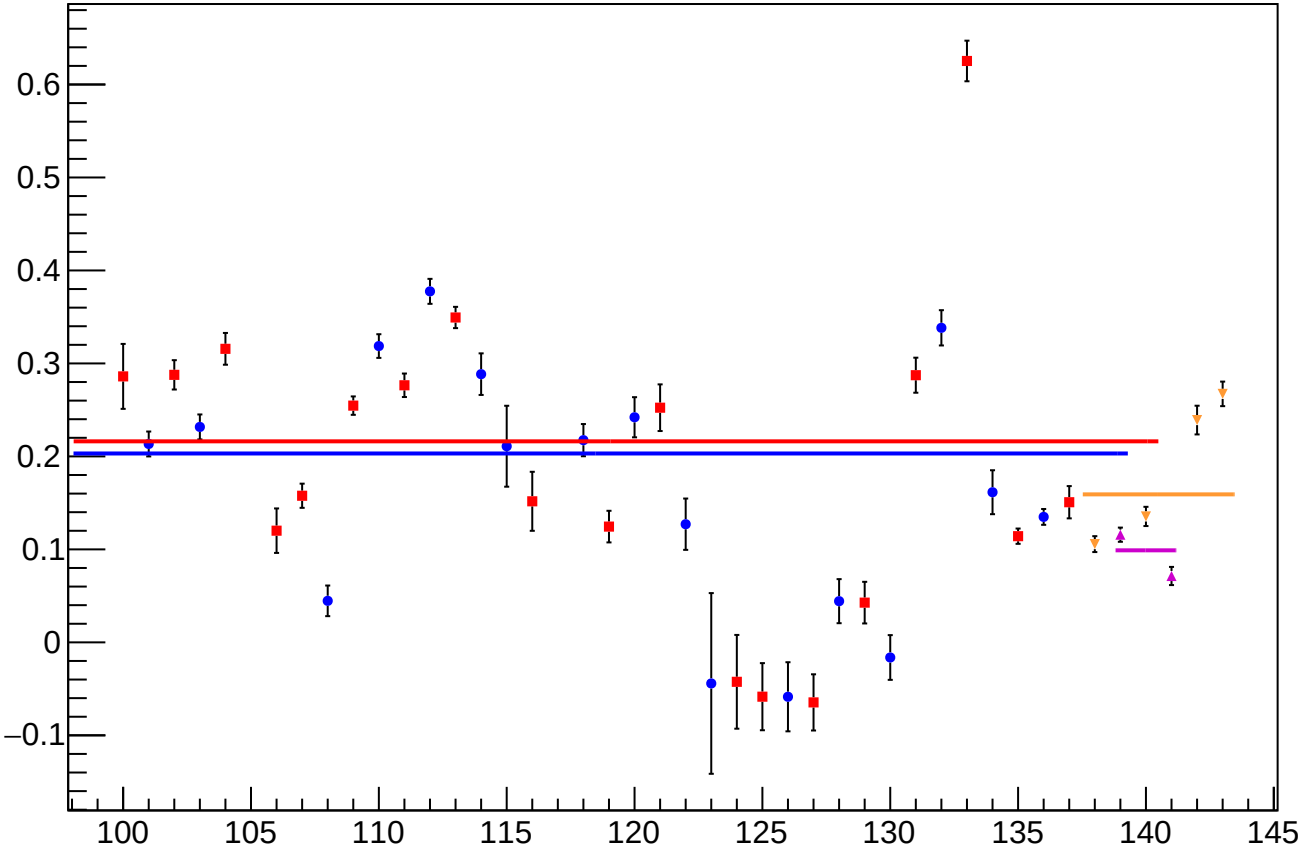
Left In: -0.343+/-0.172 χ^2/NDF:416.6/1

+ sign -1.555+/-0.061 χ^2/NDF: 1715.5/20

All: -1.505+/-0.043 χ^2/NDF: 3669.1/41

- sign -1.454+/-0.061 χ^2/NDF: 1952.3/20

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.159+/-0.006 χ^2/NDF:138.3/3

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

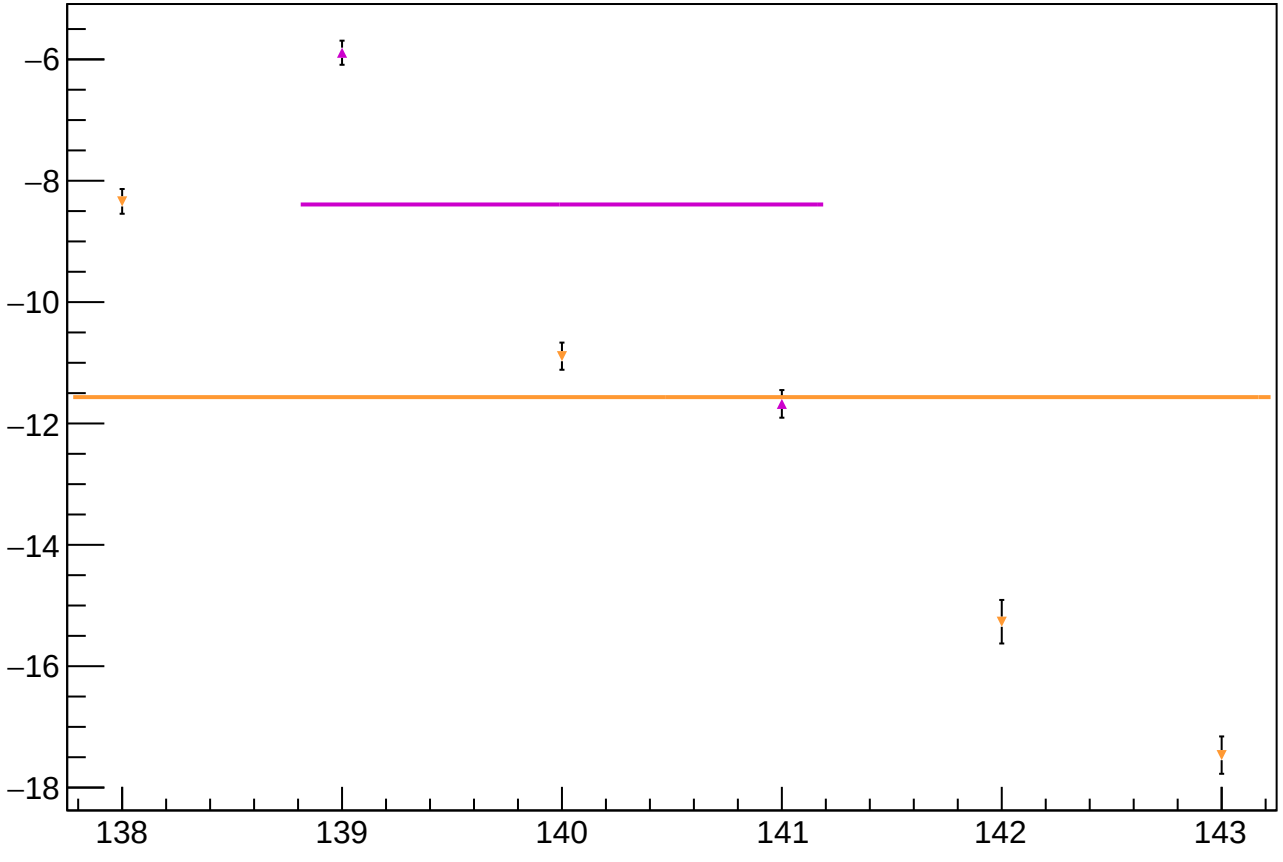
Left In: 0.099+/-0.006 χ^2/NDF:12.8/1

+ sign 0.187+/-0.003 χ^2/NDF: 856.2/20

All: 0.186+/-0.002 χ^2/NDF: 2212.9/41

- sign 0.184+/-0.003 χ^2/NDF: 1356.2/20

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -11.566+/-0.127 χ^2/NDF:732.8/3

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

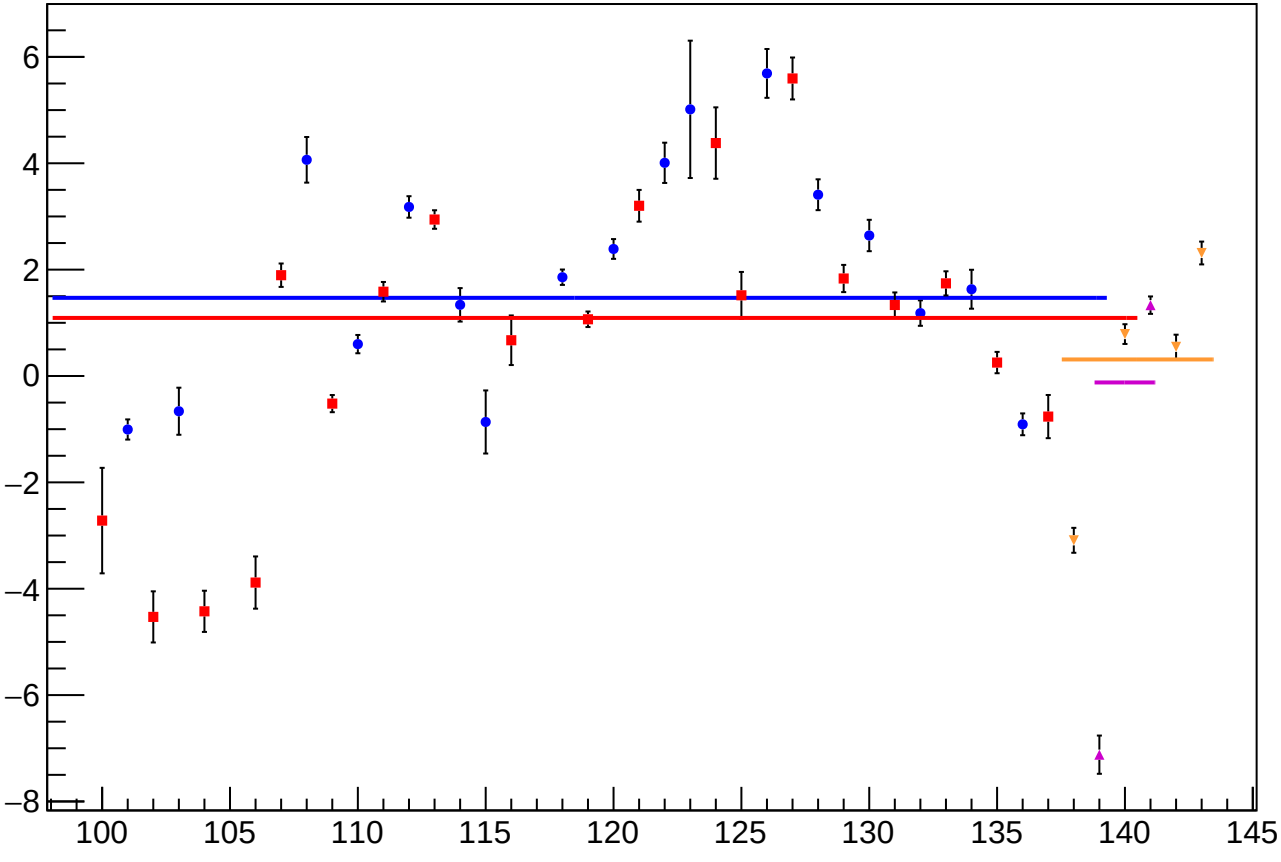
Left In: -8.391+/-0.150 χ^2/NDF:366.5/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.242+/-0.097 χ^2/NDF: 1361.2/5

- 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: 0.311+/-0.107 χ^2/NDF:305.3/3

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

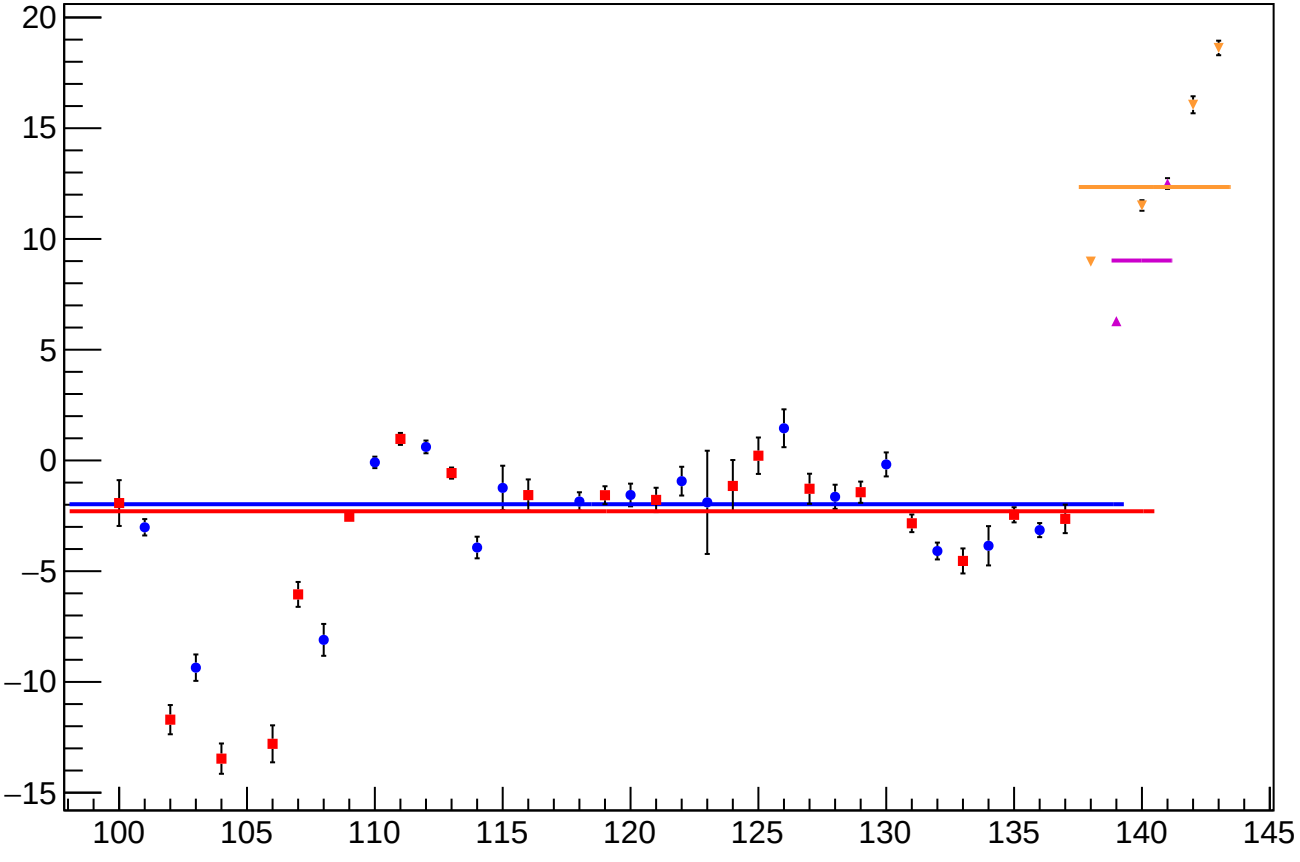
Left In: -0.121+/-0.149 χ^2/NDF:457.7/1

+ sign 1.185+/-0.053 χ^2/NDF: 1102.4/20

All: 1.062+/-0.038 χ^2/NDF: 2580.9/41

- sign 0.933+/-0.054 χ^2/NDF: 1467.4/20

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 12.345+/-0.136 χ^2/NDF:701.9/3

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

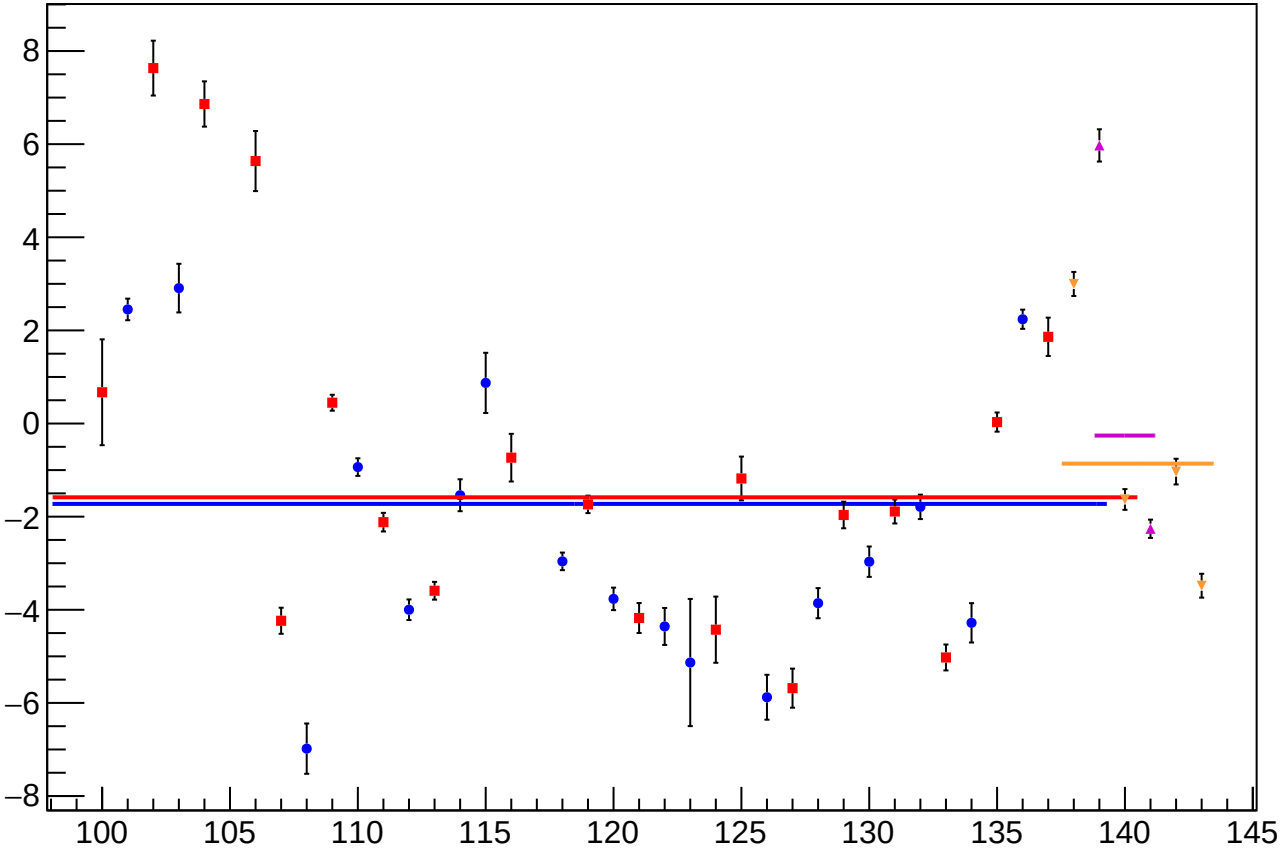
Left In: 9.026+/-0.161 χ^2/NDF:368.2/1

+ sign 3.686+/-0.086 χ^2/NDF: 7863.2/20

All: 2.211+/-0.060 χ^2/NDF: 13326.7/41

- sign 0.791+/-0.084 χ^2/NDF: 4880.4/20

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -0.862+/-0.125 χ^2/NDF:339.6/3

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

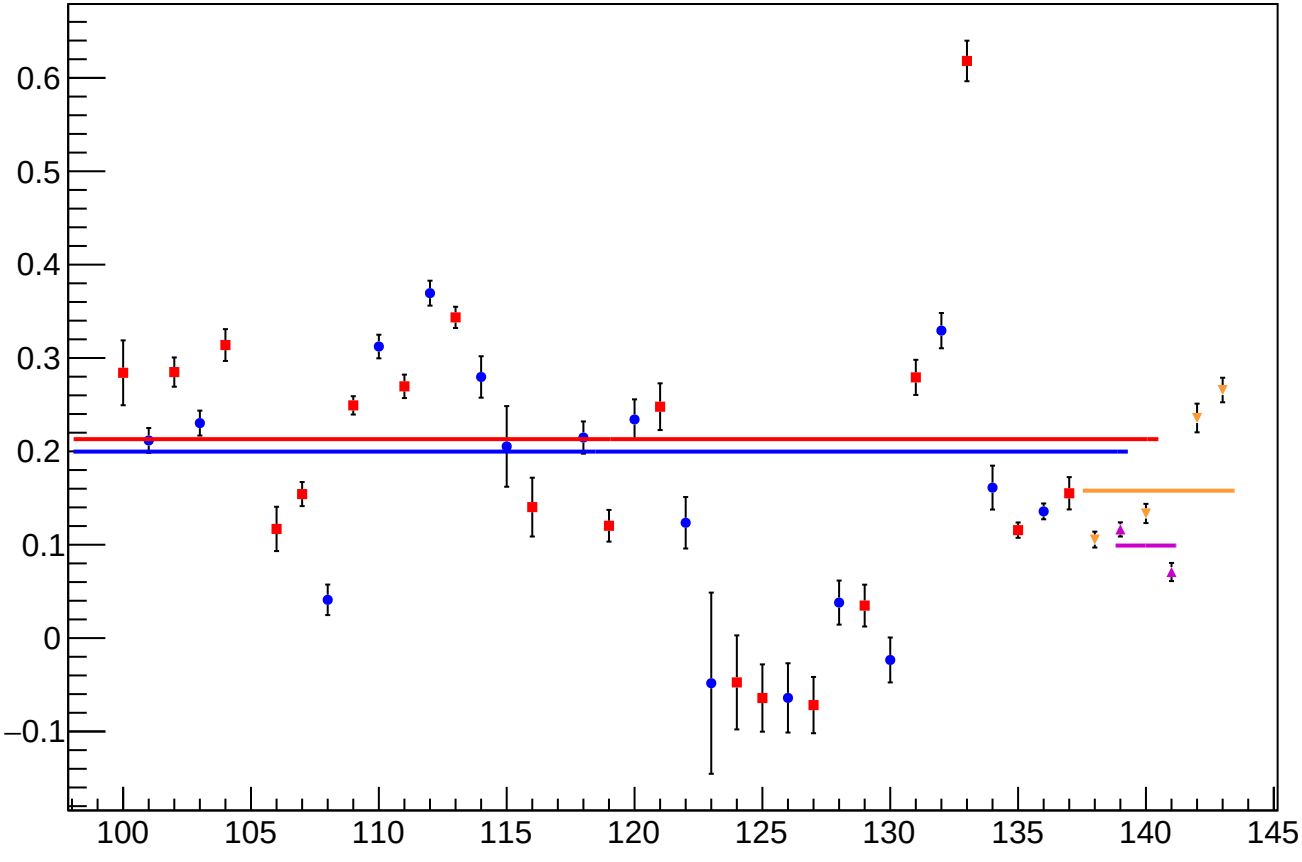
Left In: -0.258+/-0.171 χ^2/NDF:427.6/1

+ sign -1.521+/-0.061 χ^2/NDF: 1717.2/20

All: -1.468+/-0.043 χ^2/NDF: 3691.7/41

- sign -1.415+/-0.061 χ^2/NDF: 1973.0/20

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.158+/-0.005 χ^2/NDF:136.5/3

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

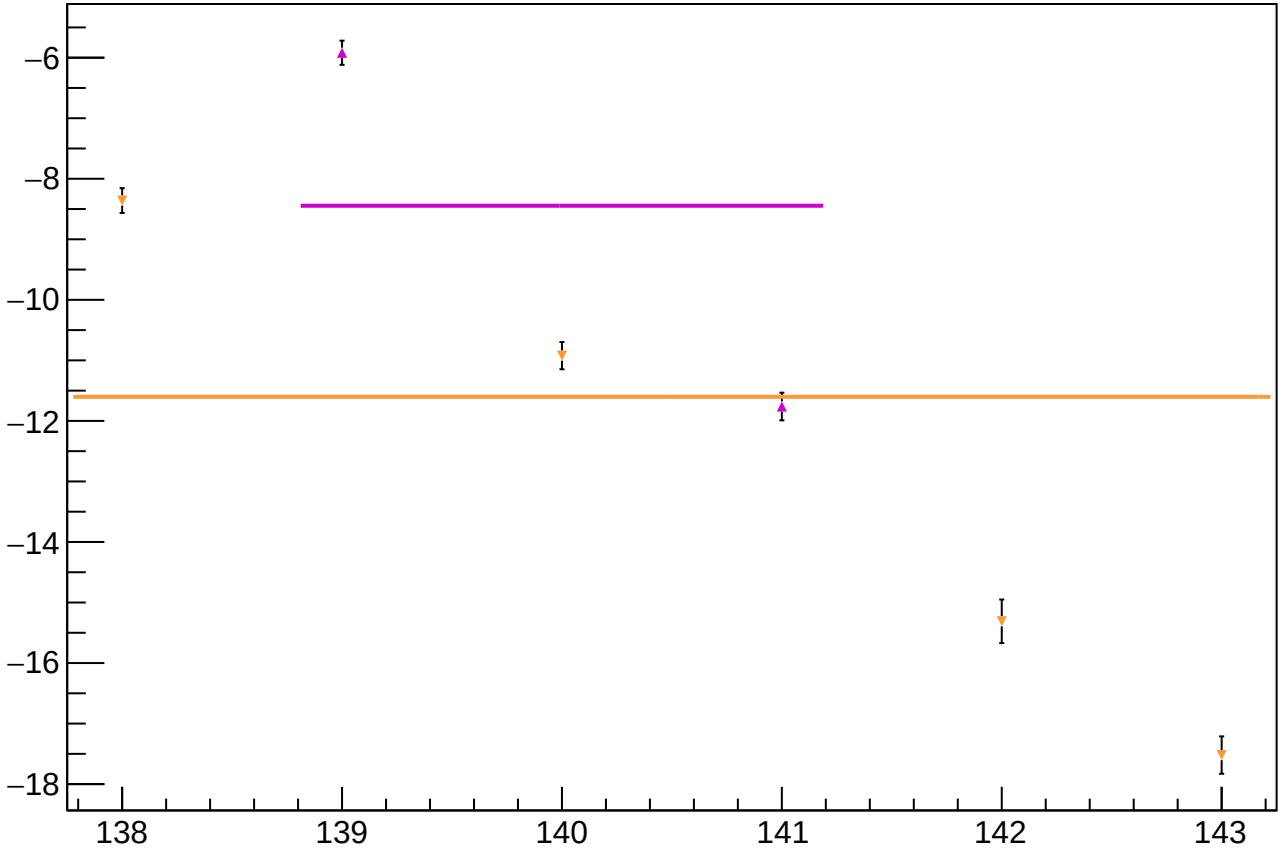
Left In: 0.099+/-0.006 χ^2/NDF:13.7/1

+ sign 0.185+/-0.003 χ^2/NDF: 836.3/20

All: 0.183+/-0.002 χ^2/NDF: 2164.4/41

- sign 0.182+/-0.003 χ^2/NDF: 1327.7/20

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -11.603+/-0.127 χ^2/NDF:732.5/3

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

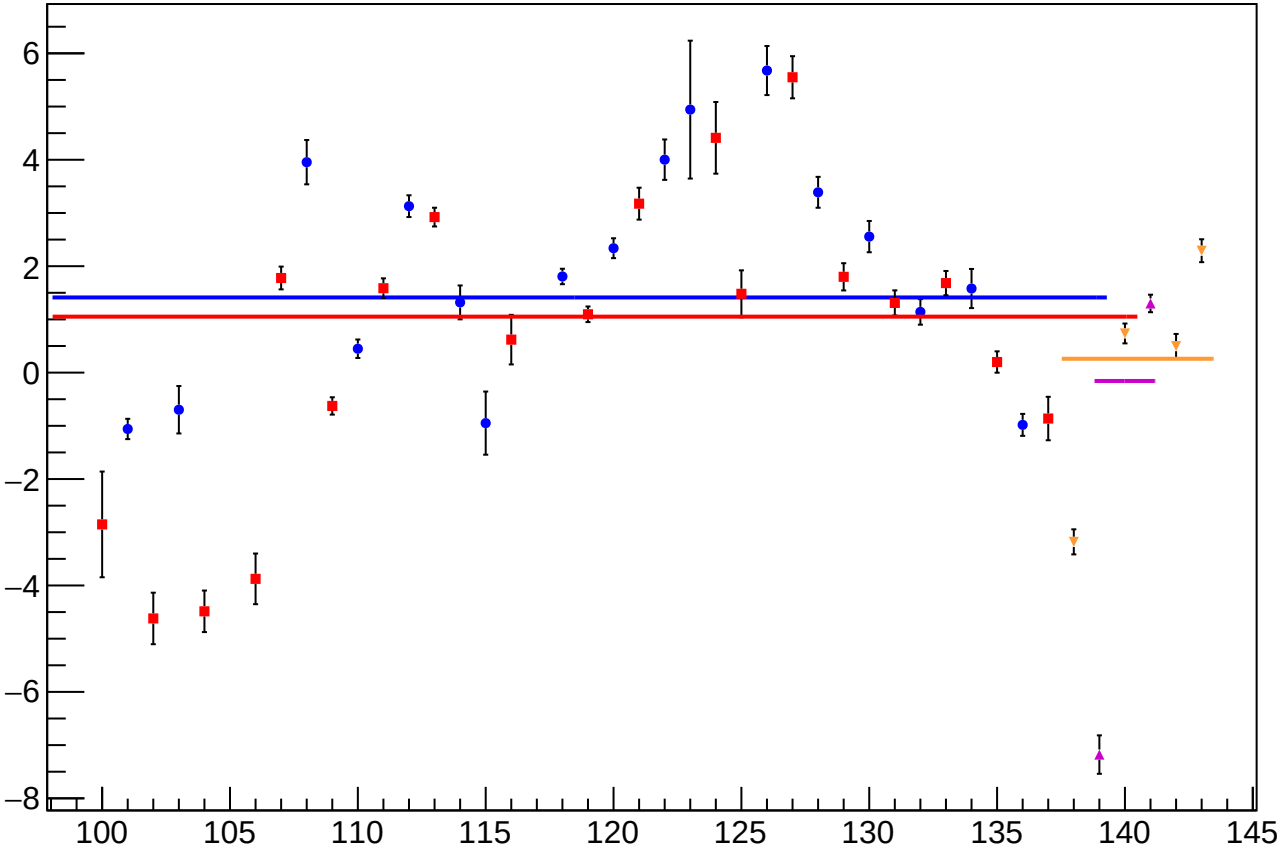
Left In: -8.446+/-0.150 χ^2/NDF:370.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.285+/-0.097 χ^2/NDF: 1359.9/5

- 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: 0.260+/-0.107 χ^2/NDF:310.0/3

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

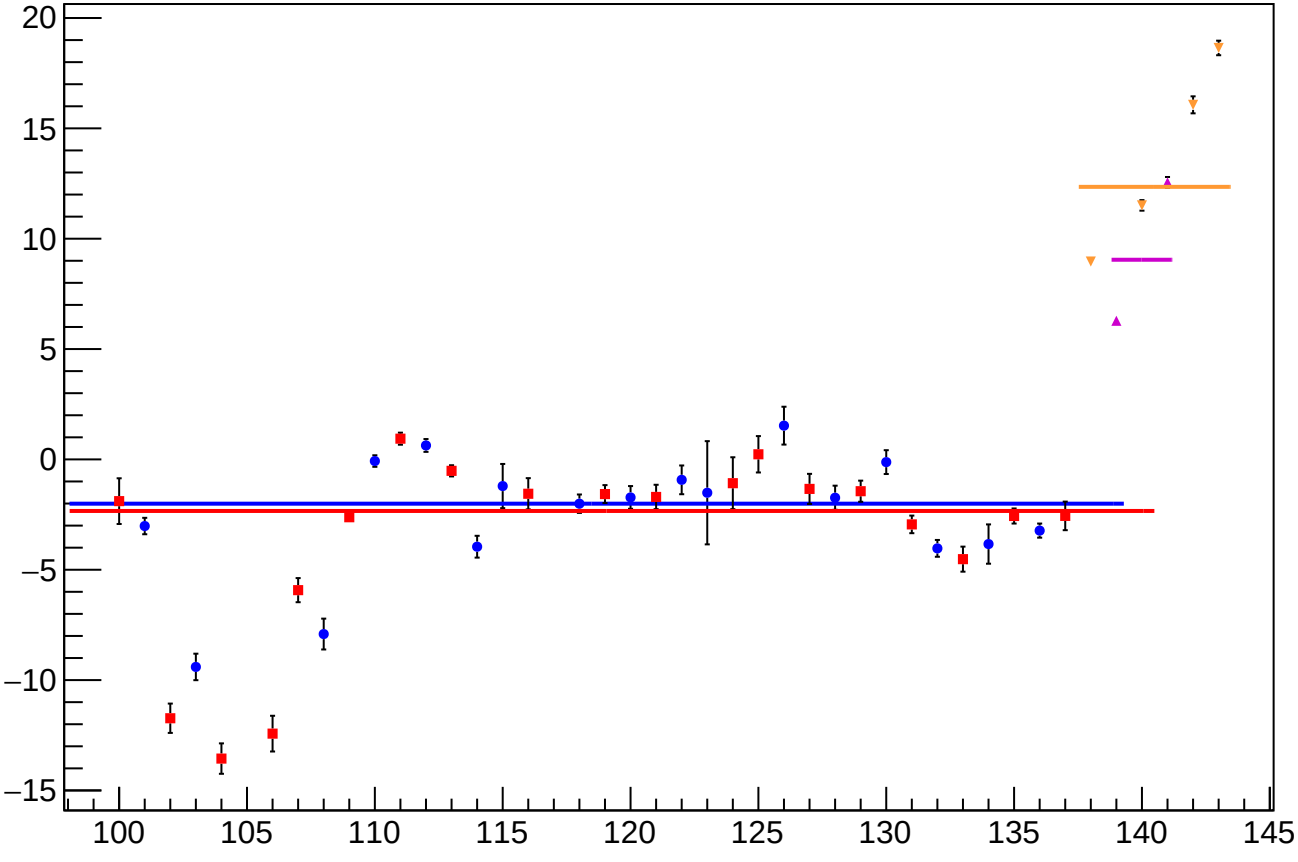
Left In: -0.157+/-0.150 χ^2/NDF:456.4/1

+ sign 1.129+/-0.053 χ^2/NDF: 1111.3/20

All: 1.014+/-0.038 χ^2/NDF: 2597.5/41

- sign 0.894+/-0.054 χ^2/NDF: 1476.5/20

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 12.349+/-0.137 χ^2/NDF:700.7/3

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

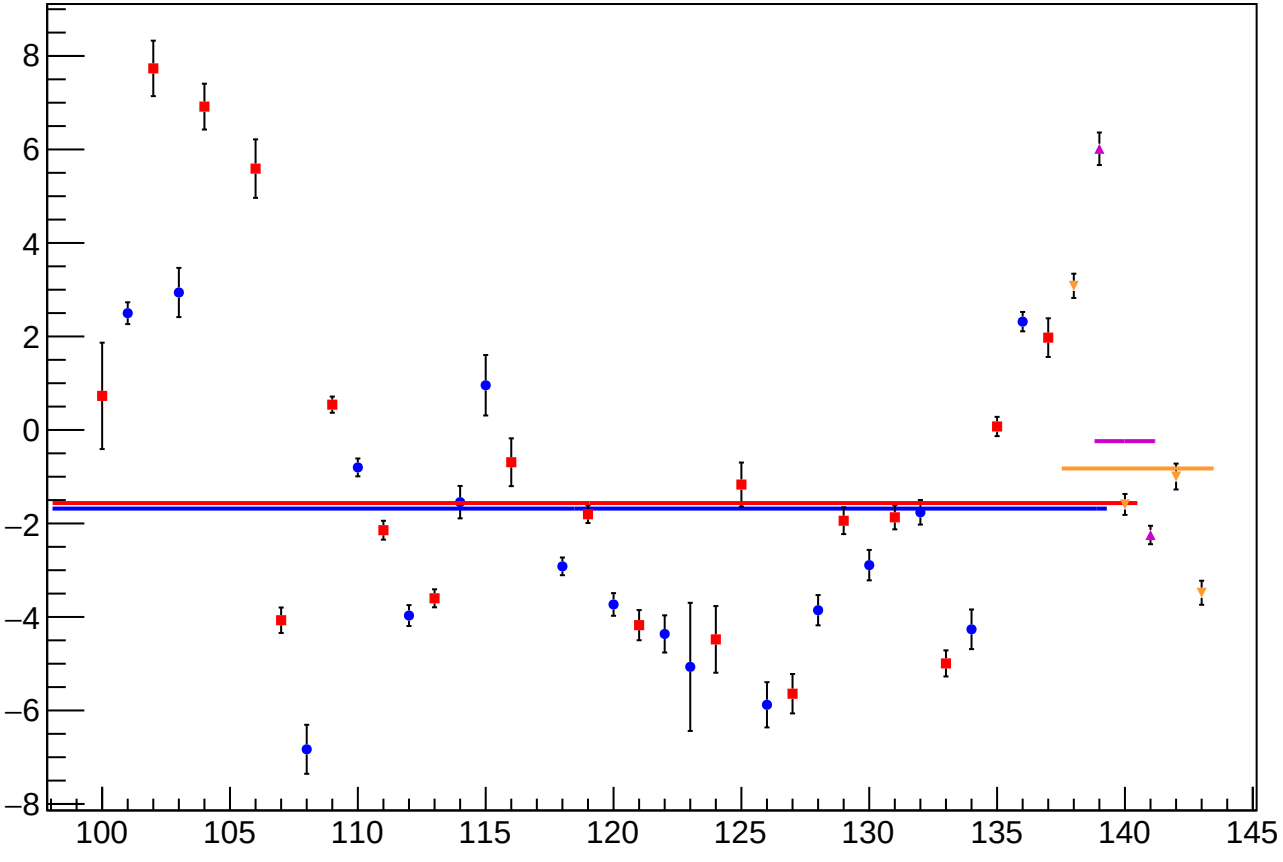
Left In: 9.046+/-0.161 χ^2/NDF:371.8/1

+ sign 3.675+/-0.086 χ^2/NDF: 7828.9/20

All: 2.194+/-0.060 χ^2/NDF: 13296.8/41

- sign 0.769+/-0.084 χ^2/NDF: 4885.9/20

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -0.824+/-0.126 χ^2/NDF:345.0/3

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

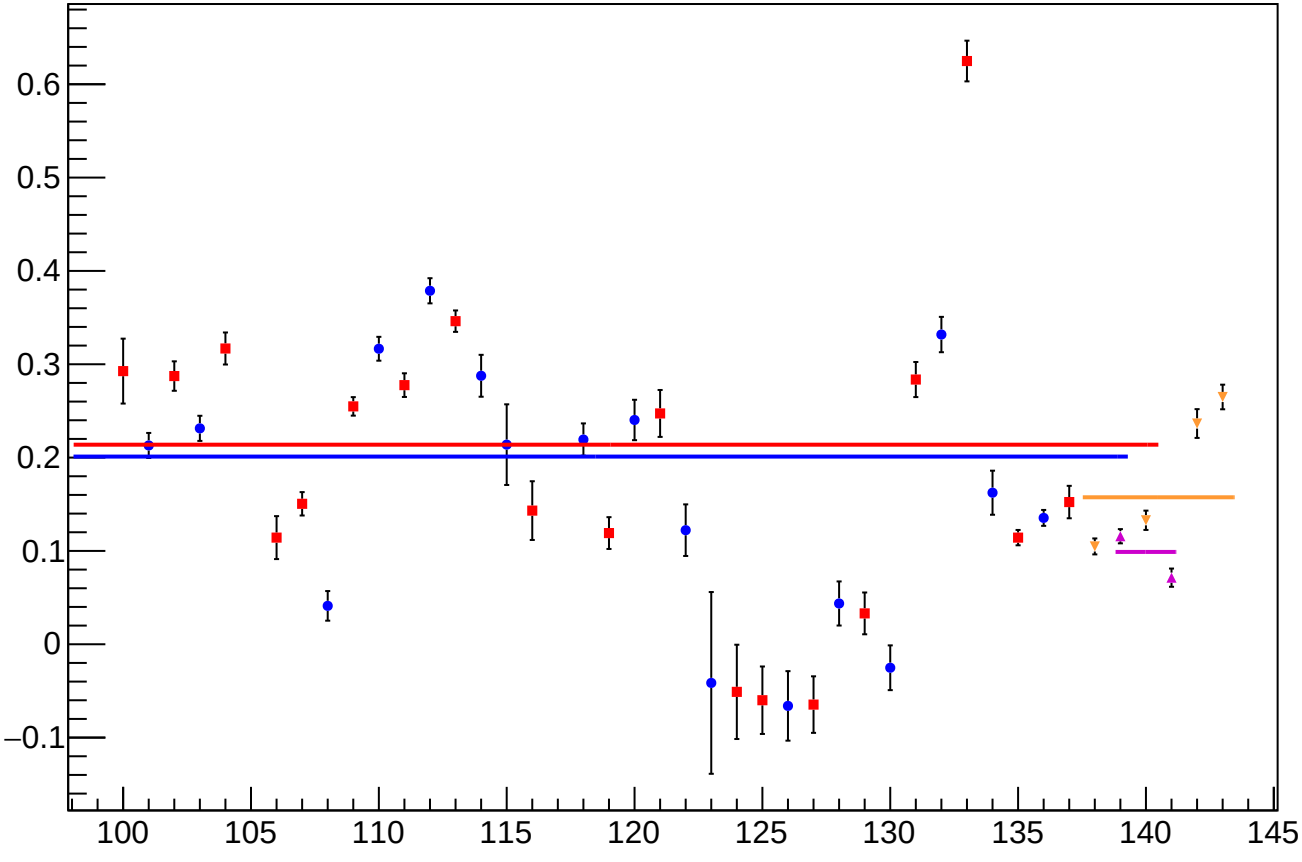
Left In: -0.239+/-0.172 χ^2/NDF:426.7/1

+ sign -1.478+/-0.061 χ^2/NDF: 1728.2/20

All: -1.436+/-0.043 χ^2/NDF: 3712.6/41

- sign -1.394+/-0.061 χ^2/NDF: 1983.5/20

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.157+/-0.006 χ^2/NDF:136.2/3

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

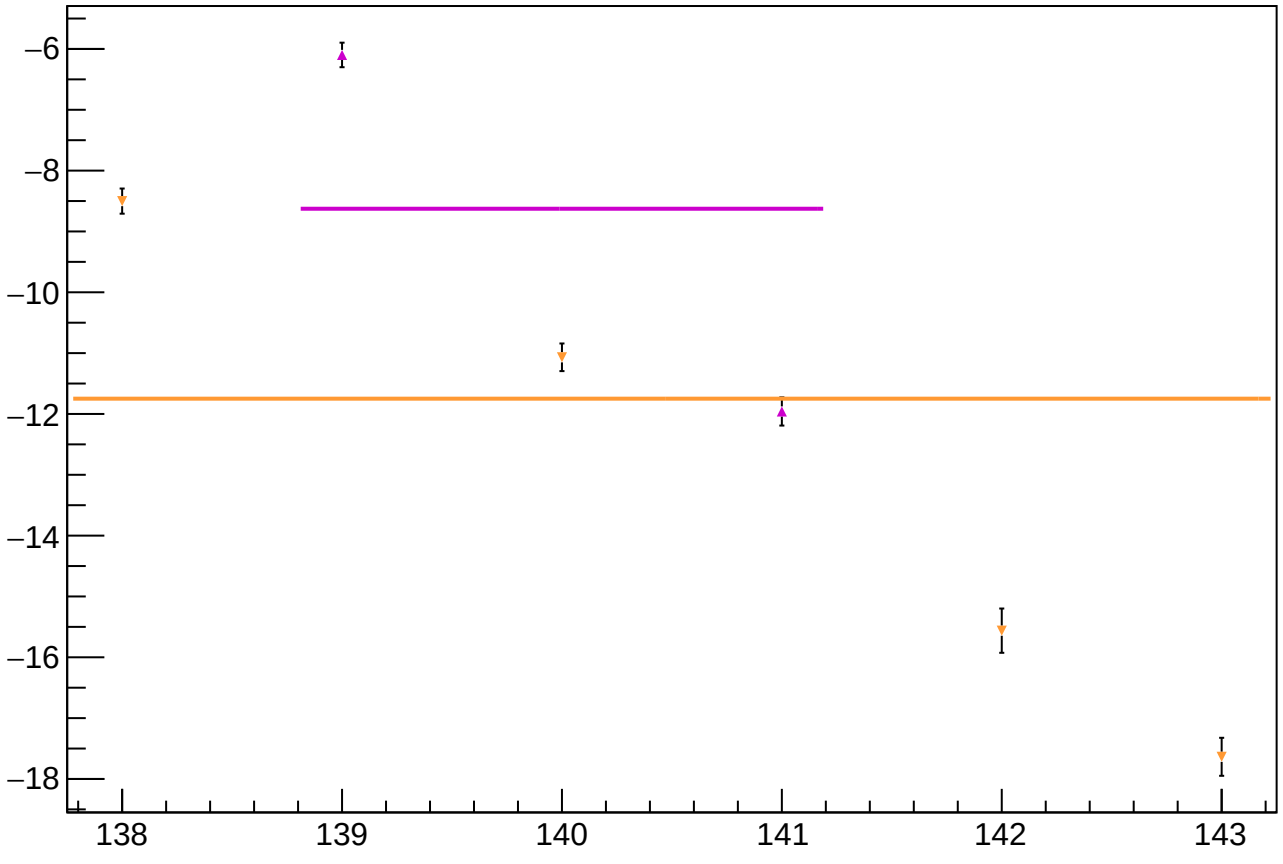
Left In: 0.099+/-0.006 χ^2/NDF:12.8/1

+ sign 0.185+/-0.003 χ^2/NDF: 867.7/20

All: 0.184+/-0.002 χ^2/NDF: 2229.7/41

- sign 0.182+/-0.003 χ^2/NDF: 1361.6/20

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -11.749+/-0.128 χ^2/NDF:720.7/3

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

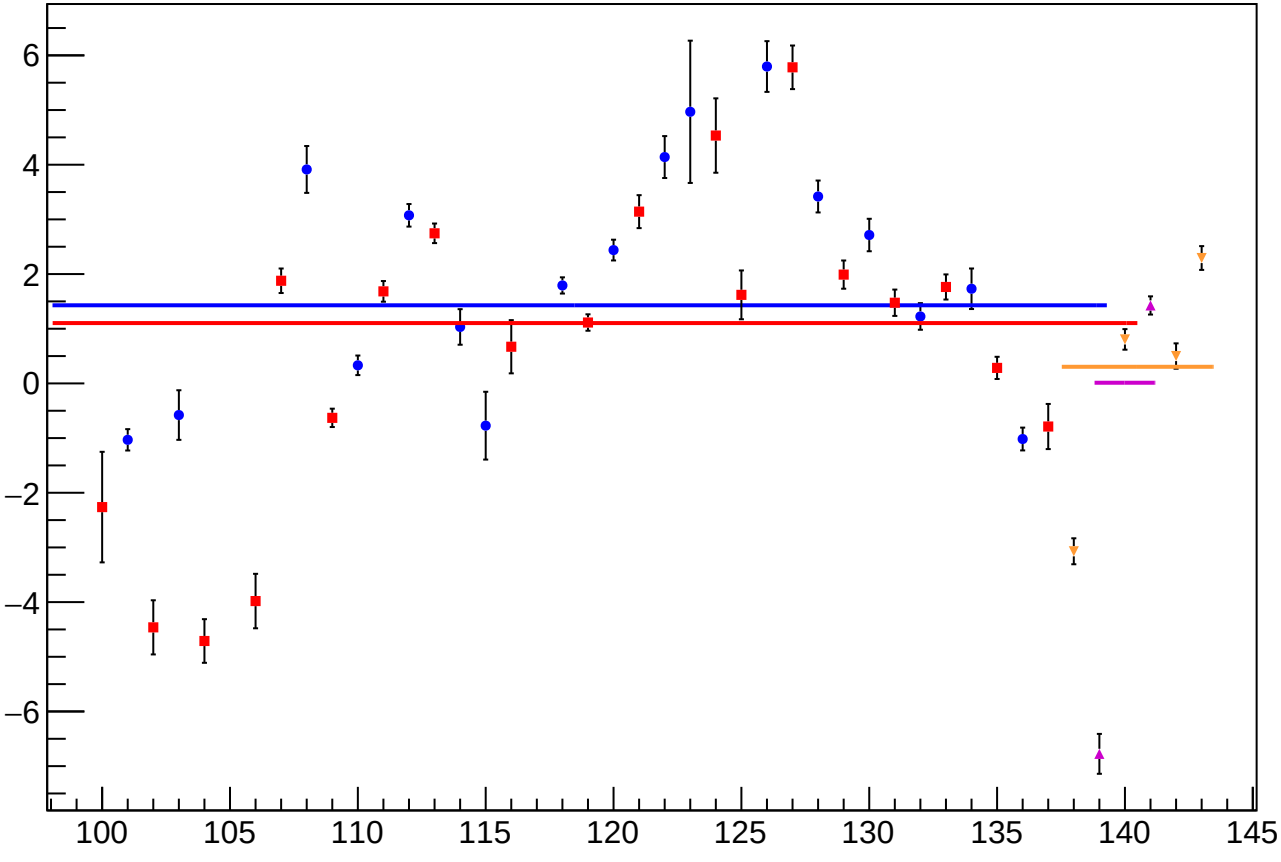
Left In: -8.627+/-0.152 χ^2/NDF:364.3/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.449+/-0.098 χ^2/NDF: 1331.0/5

- 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: 0.304+/-0.108 χ^2/NDF:293.3/3

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

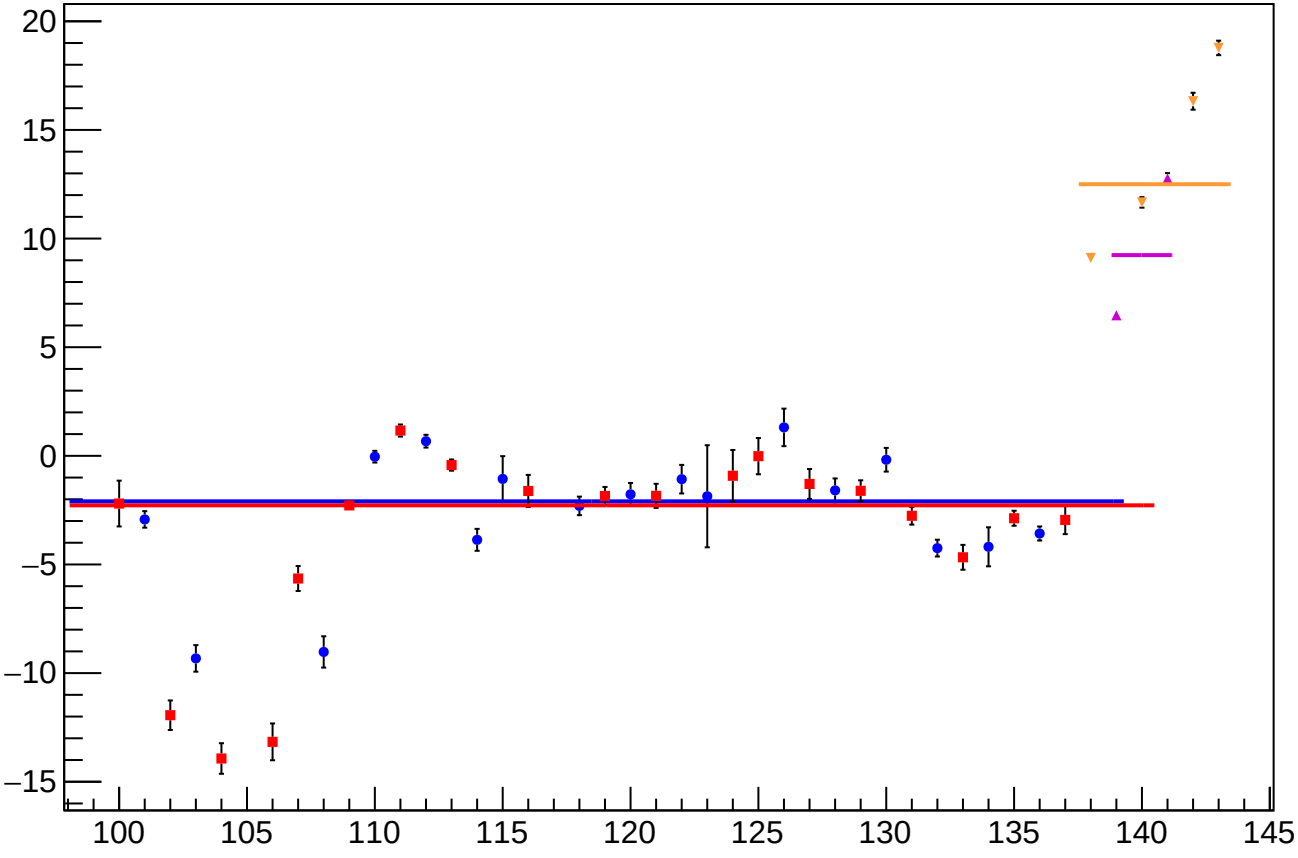
Left In: 0.012+/-0.151 χ^2/NDF:418.2/1

+ sign 1.149+/-0.054 χ^2/NDF: 1086.2/20

All: 1.056+/-0.039 χ^2/NDF: 2492.0/41

- sign 0.959+/-0.055 χ^2/NDF: 1399.7/20

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 12.501+/-0.138 χ^2/NDF:690.7/3

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

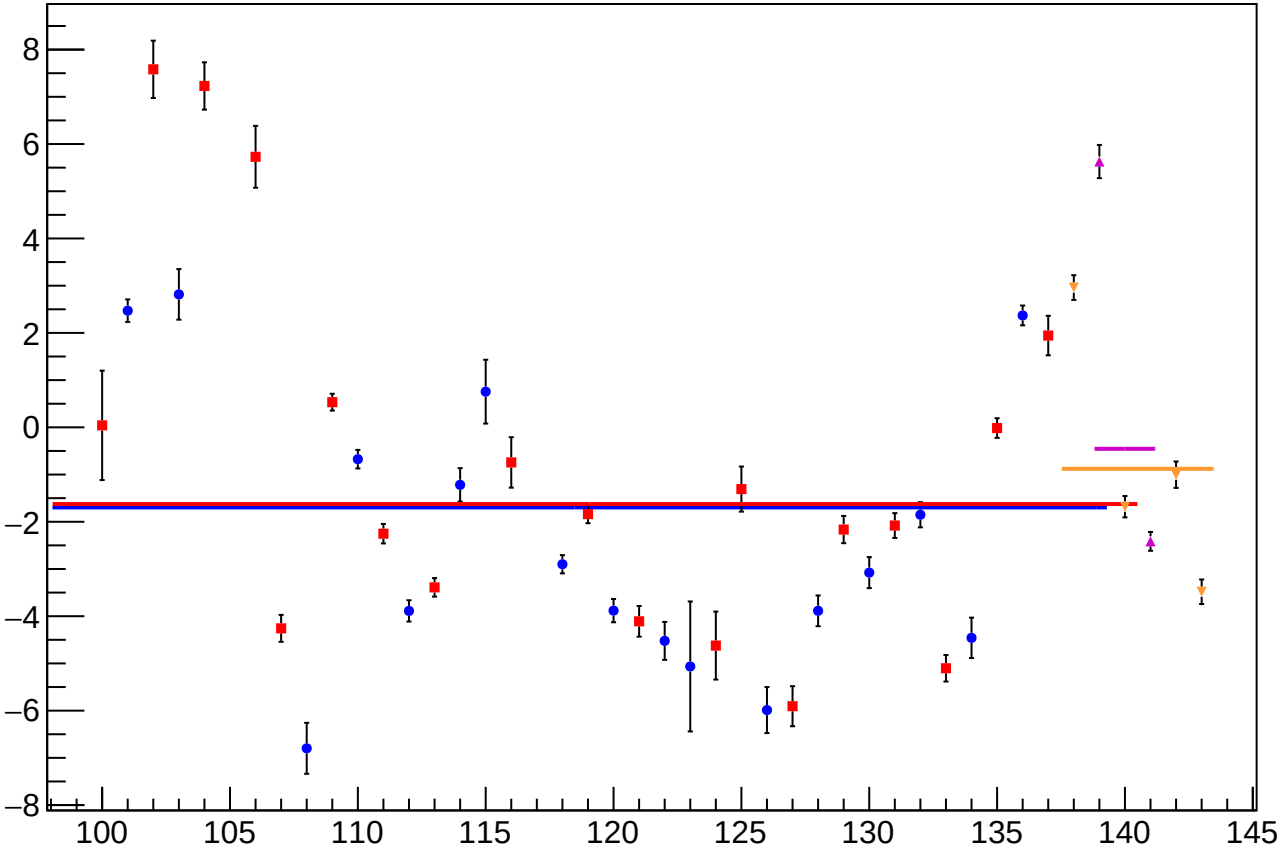
Left In: 9.239+/-0.163 χ^2/NDF:366.4/1

+ sign 3.739+/-0.087 χ^2/NDF: 7893.1/20

All: 2.302+/-0.061 χ^2/NDF: 13309.7/41

- sign 0.909+/-0.086 χ^2/NDF: 4882.4/20

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -0.878+/-0.127 χ^2/NDF:327.7/3

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

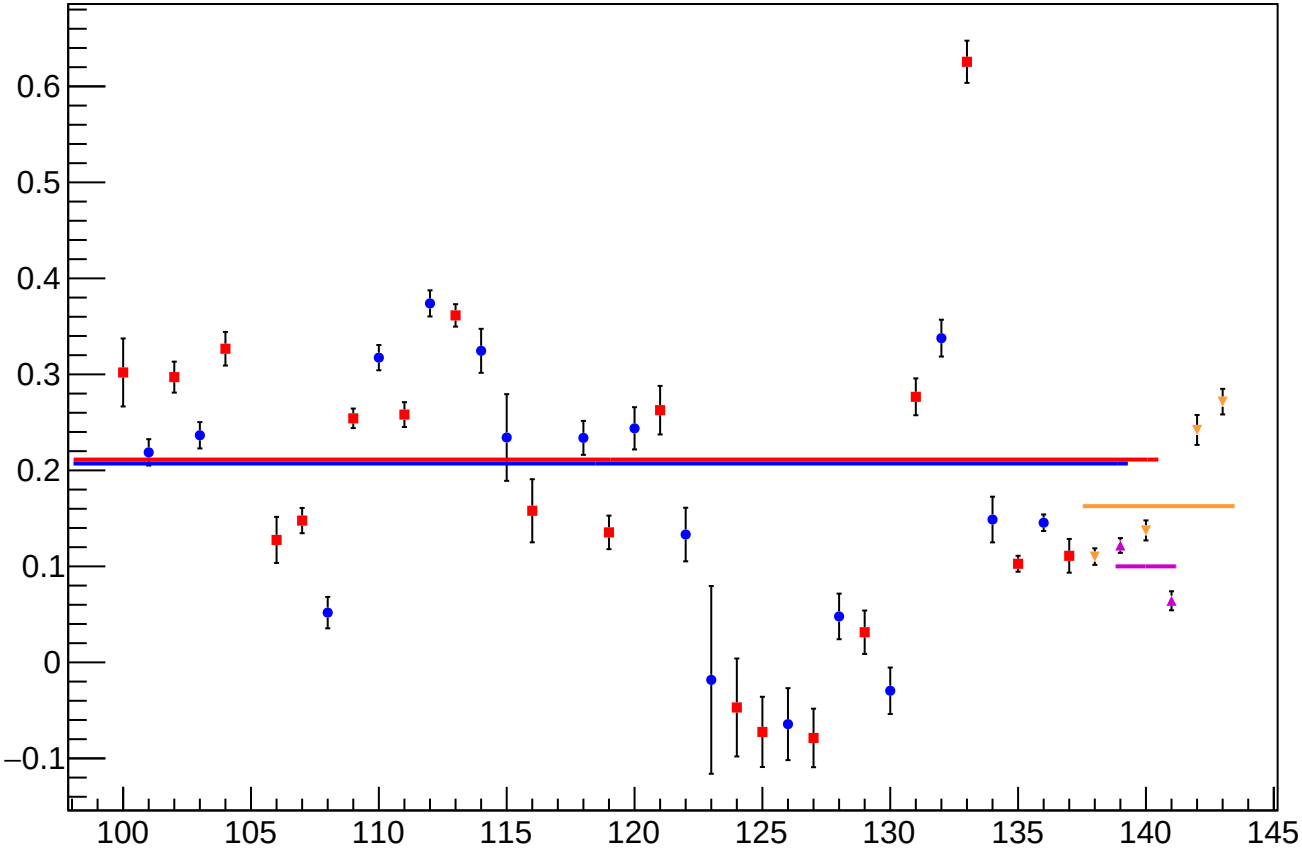
Left In: -0.455+/-0.174 χ^2/NDF:396.0/1

+ sign -1.500+/-0.062 χ^2/NDF: 1692.4/20

All: -1.486+/-0.044 χ^2/NDF: 3595.3/41

- sign -1.473+/-0.062 χ^2/NDF: 1902.9/20

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.163+/-0.006 χ^2/NDF:135.5/3

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

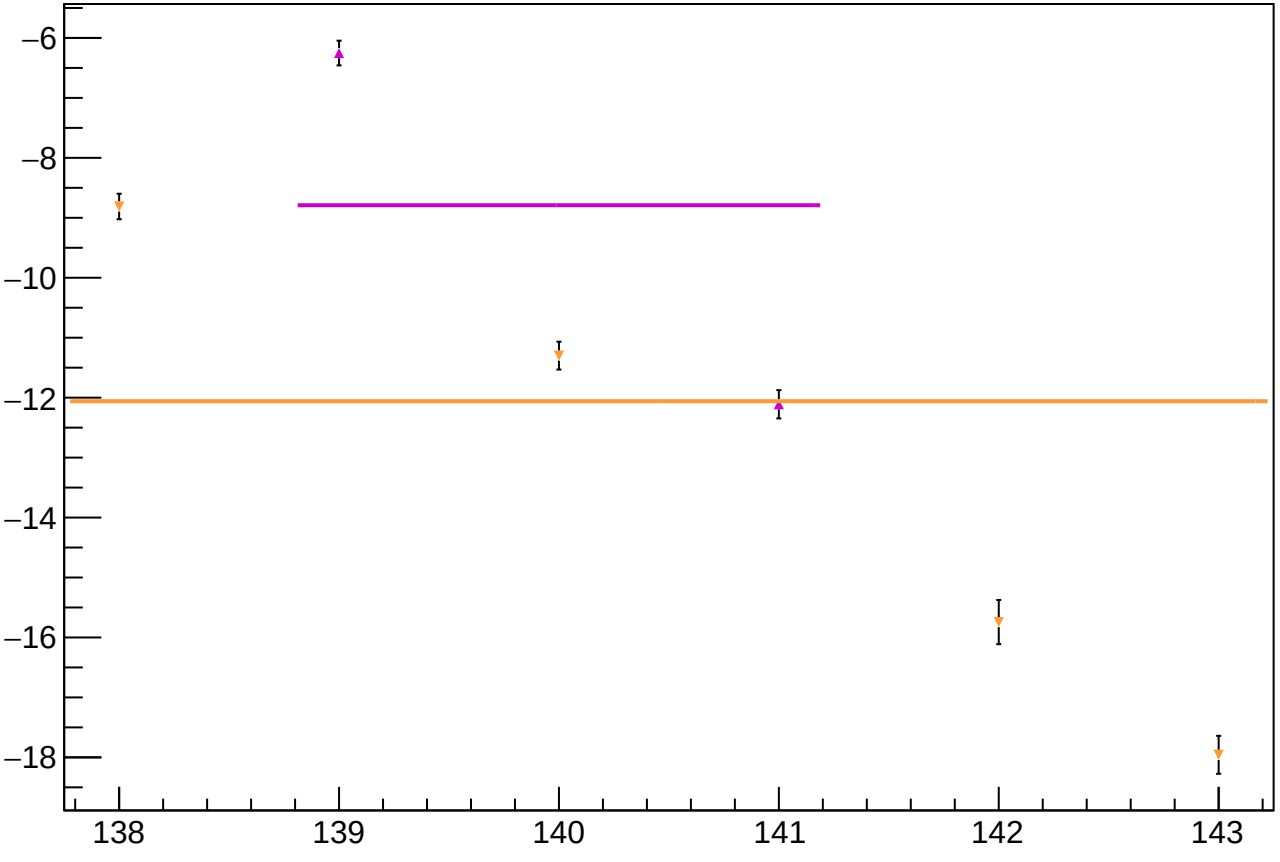
Left In: 0.100+/-0.006 χ^2/NDF:21.1/1

+ sign 0.191+/-0.003 χ^2/NDF: 832.4/20

All: 0.186+/-0.002 χ^2/NDF: 2246.7/41

- sign 0.181+/-0.003 χ^2/NDF: 1409.1/20

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -12.059+/-0.131 χ^2/NDF:691.2/3

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

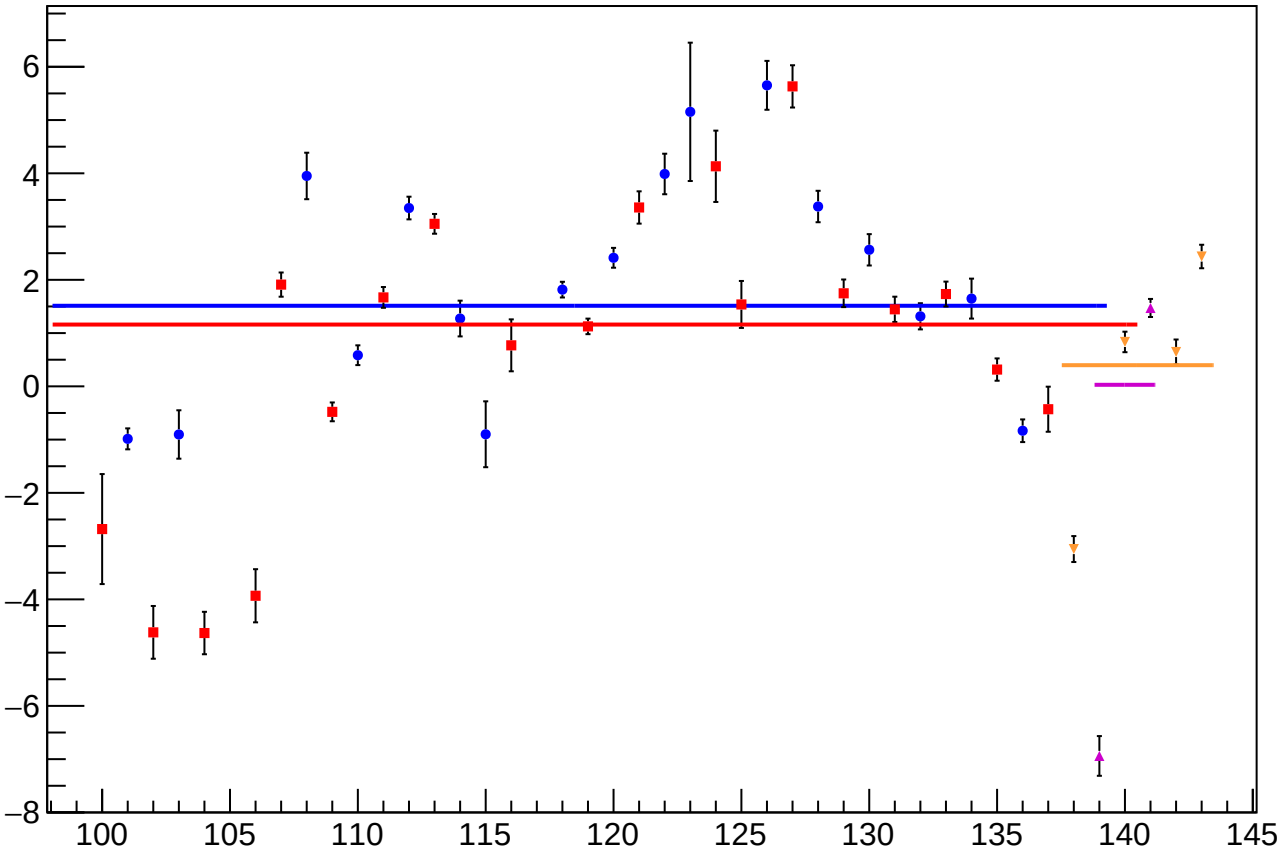
Left In: -8.790+/-0.155 χ^2/NDF:349.6/1

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.696+/-0.100 χ^2/NDF: 1299.1/5

- 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: 0.397+/-0.110 χ^2/NDF:292.8/3

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

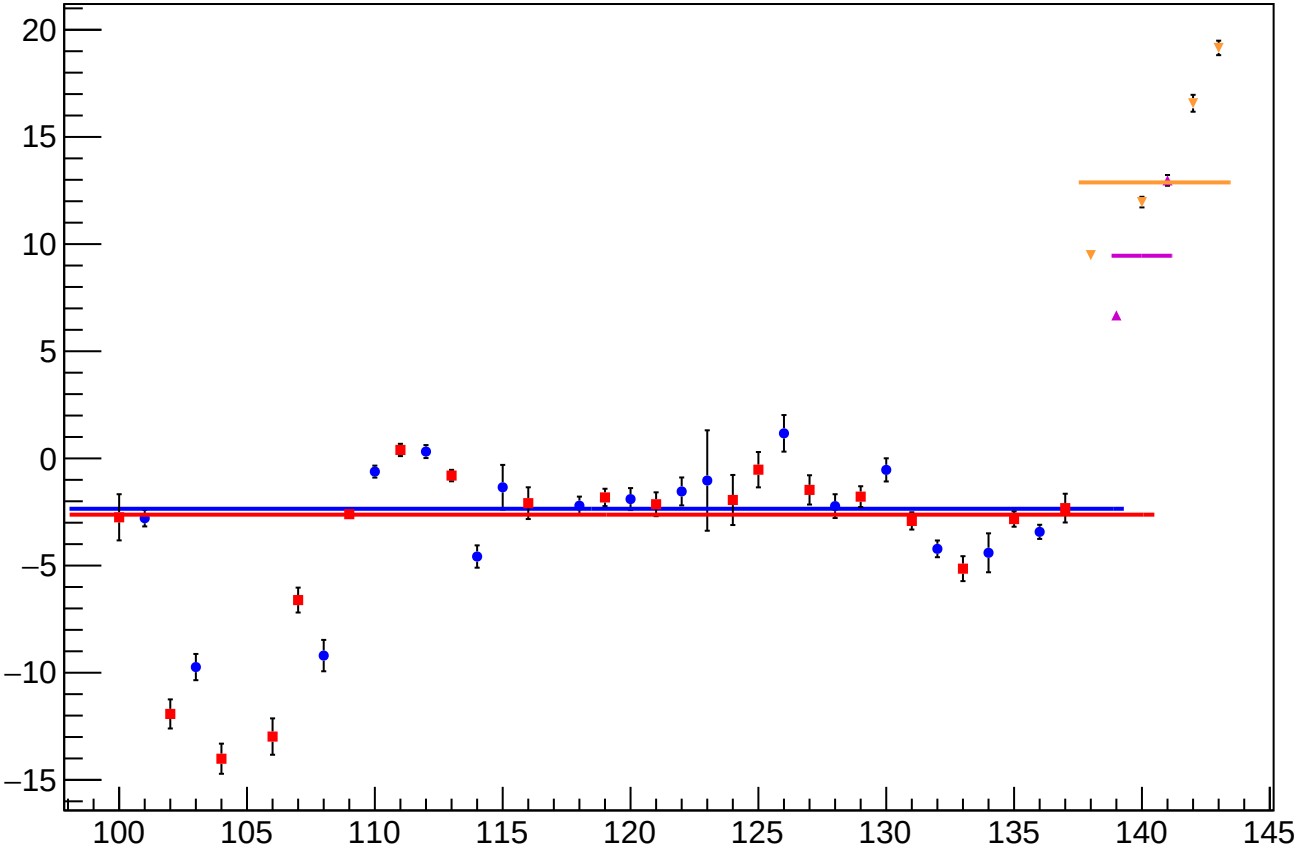
Left In: 0.029+/-0.154 χ^2/NDF:421.4/1

+ sign 1.240+/-0.054 χ^2/NDF: 1040.1/20

All: 1.129+/-0.039 χ^2/NDF: 2433.7/41

- sign 1.012+/-0.056 χ^2/NDF: 1385.1/20

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 12.878+/-0.141 χ^2/NDF:662.3/3

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

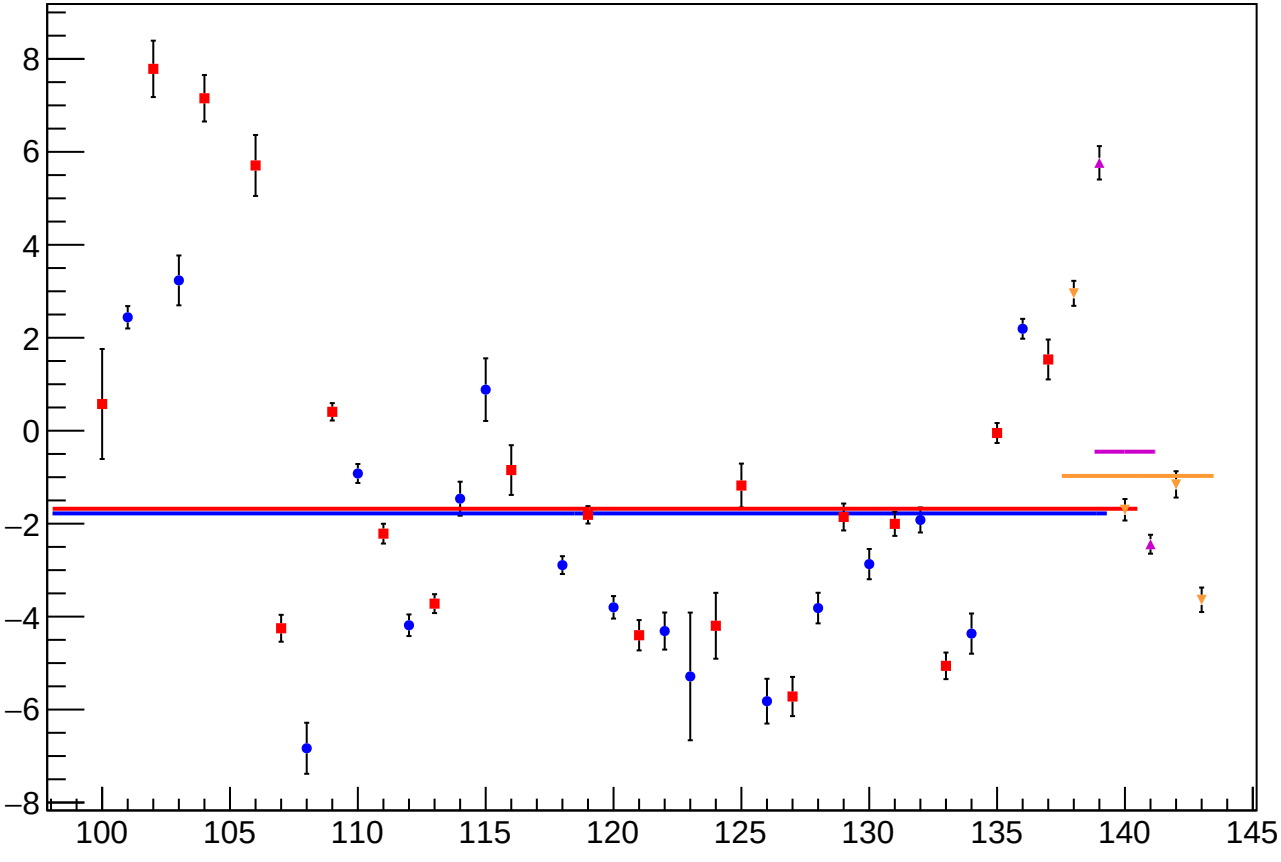
Left In: 9.457+/-0.167 χ^2/NDF:352.0/1

+ sign 3.686+/-0.089 χ^2/NDF: 8137.9/20

All: 2.188+/-0.062 χ^2/NDF: 13688.4/41

- sign 0.724+/-0.088 χ^2/NDF: 4987.3/20

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -0.972+/-0.130 χ^2/NDF:326.0/3

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

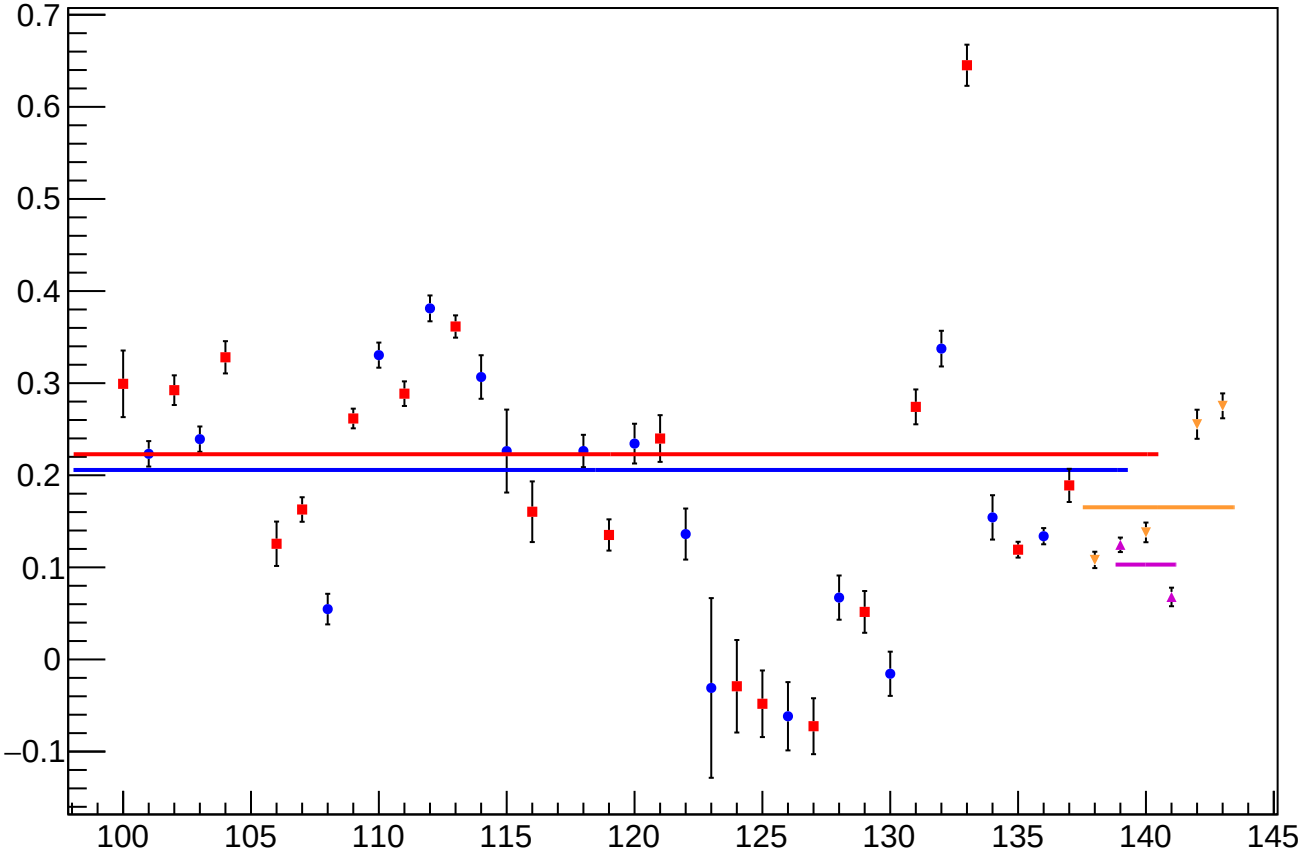
Left In: -0.452+/-0.177 χ^2/NDF:395.1/1

+ sign -1.588+/-0.063 χ^2/NDF: 1627.6/20

All: -1.555+/-0.045 χ^2/NDF: 3494.8/41

- sign -1.521+/-0.063 χ^2/NDF: 1866.6/20

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.165+/-0.006 χ^2/NDF:146.9/3

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.103+/-0.006 χ^2/NDF:19.6/1

+ sign 0.191+/-0.003 χ^2/NDF: 831.2/20

All: 0.190+/-0.002 χ^2/NDF: 2162.9/41

- sign 0.190+/-0.003 χ^2/NDF: 1331.6/20