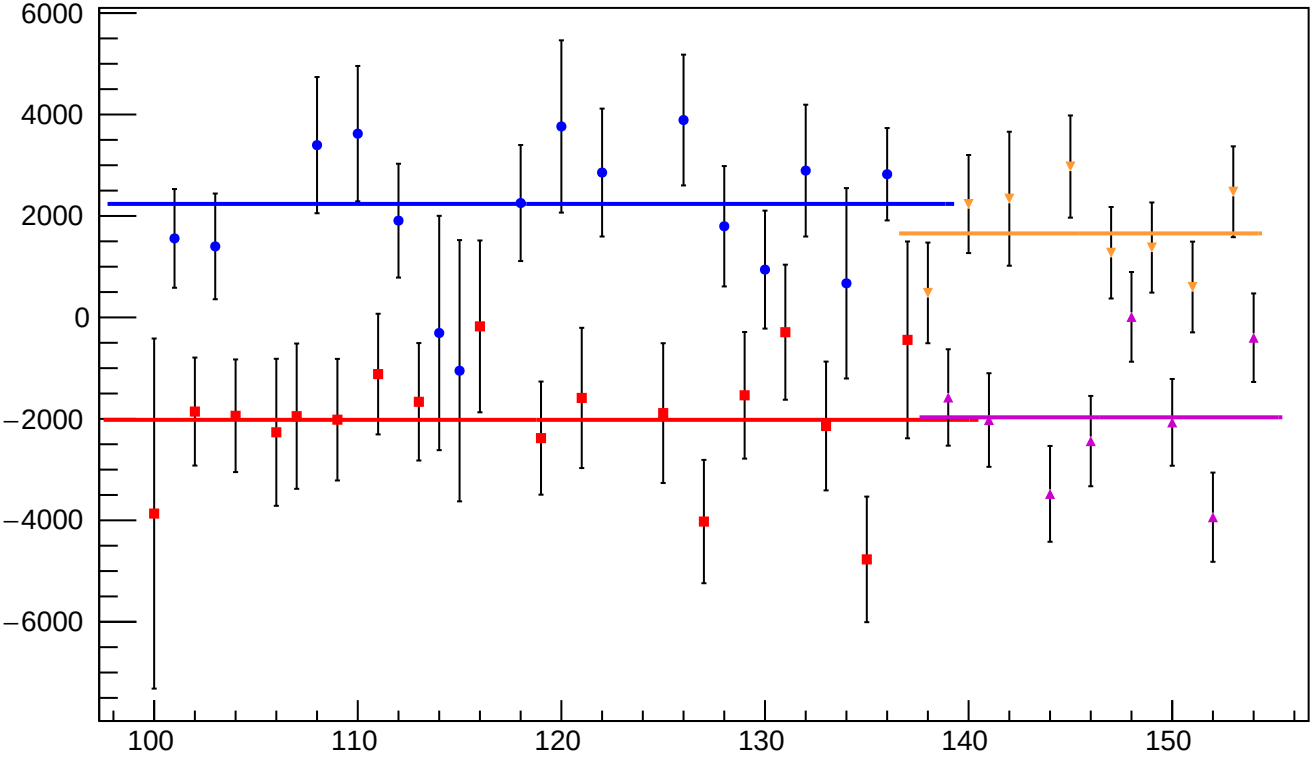
dit_asym_us_avg_mean vs Slug



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

Left Out: 1656.207+/-340.241 χ^2/NDF:6.2/7

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

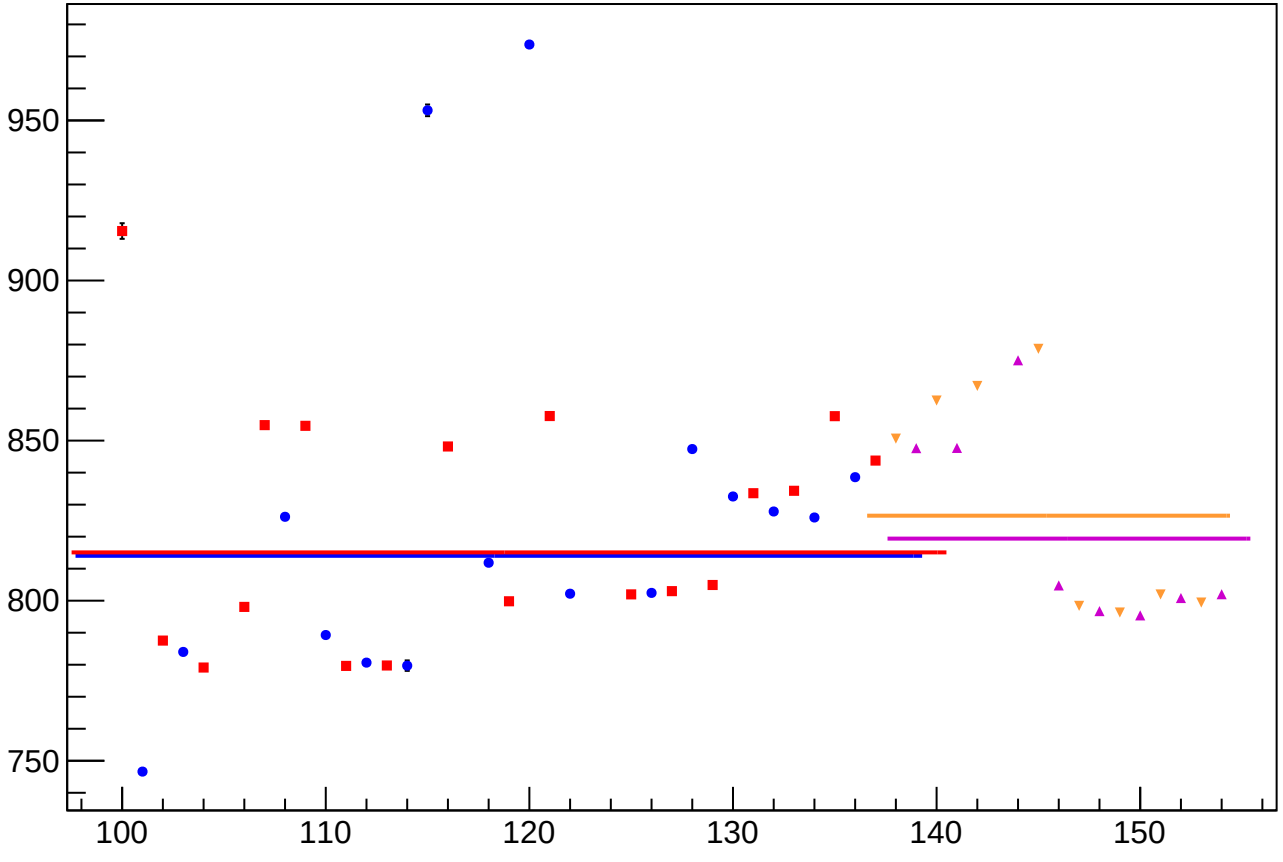
Left In: -1969.022+/-317.555 χ^2/NDF:16.3/7

+ sign 1969.772+/-231.006 χ^2/NDF: 19.1/23

All: -98.103+/-159.775 χ^2/NDF: 201.6/49

- sign -1994.552+/-221.223 χ^2/NDF: 28.9/25

dit_asym_us_avg_rms vs Slug



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

Left Out: 826.551+/-0.241 χ^2/NDF:18798.1/7

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

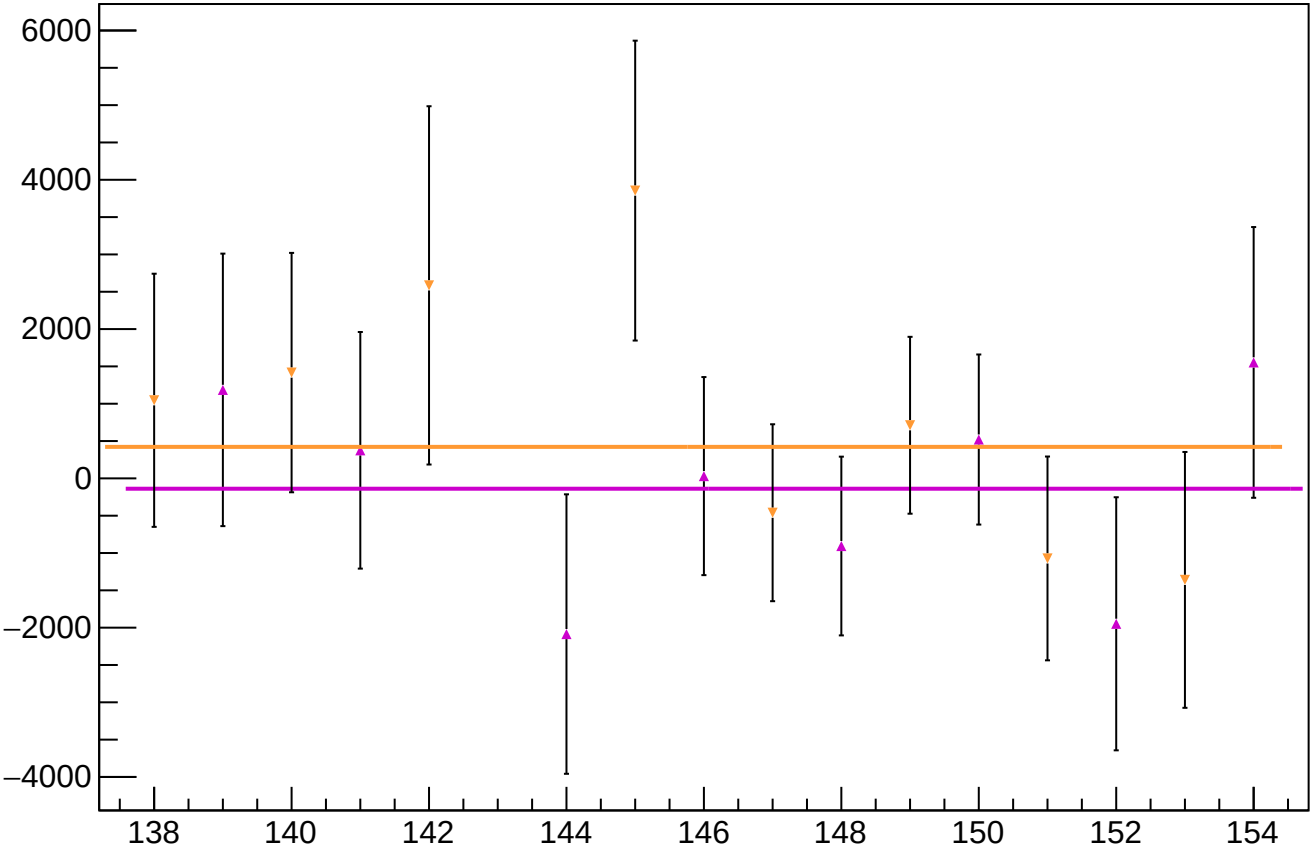
Left In: 819.390+/-0.225 χ^2/NDF:15714.5/7

+ sign 819.797+/-0.163 χ^2/NDF: 62301.7/23

All: 818.429+/-0.113 χ^2/NDF: 98299.2/49

- sign 817.174+/-0.156 χ^2/NDF: 35863.0/25

asym_us_avg_correction_mean vs Slug



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

Left Out: 421.970+/-537.630 χ^2/NDF:7.1/7

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

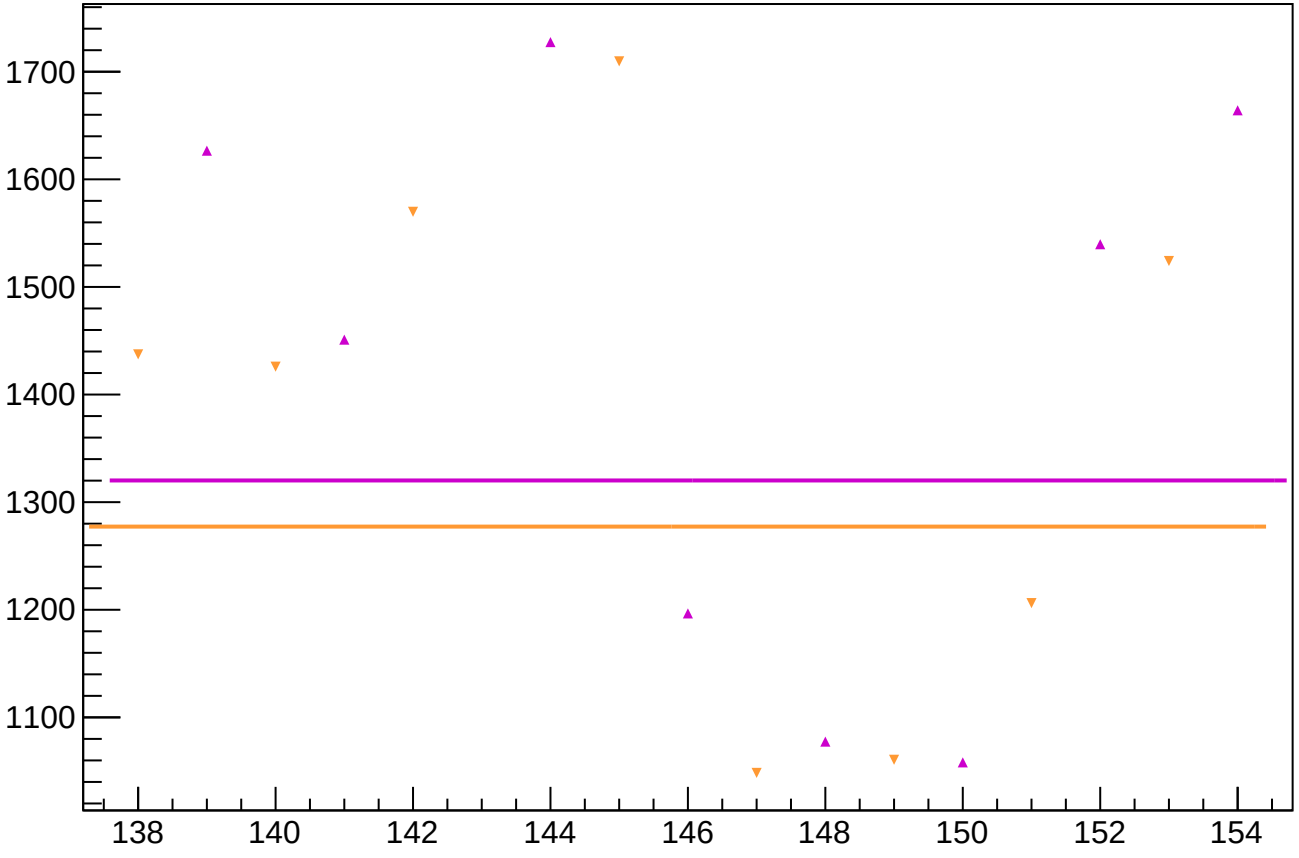
Left In: -138.696+/-521.872 χ^2/NDF:4.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 133.300+/-374.466 χ^2/NDF: 12.2/15

- 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: 1277.285+/-0.380 χ^2/NDF:345785.1/7

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

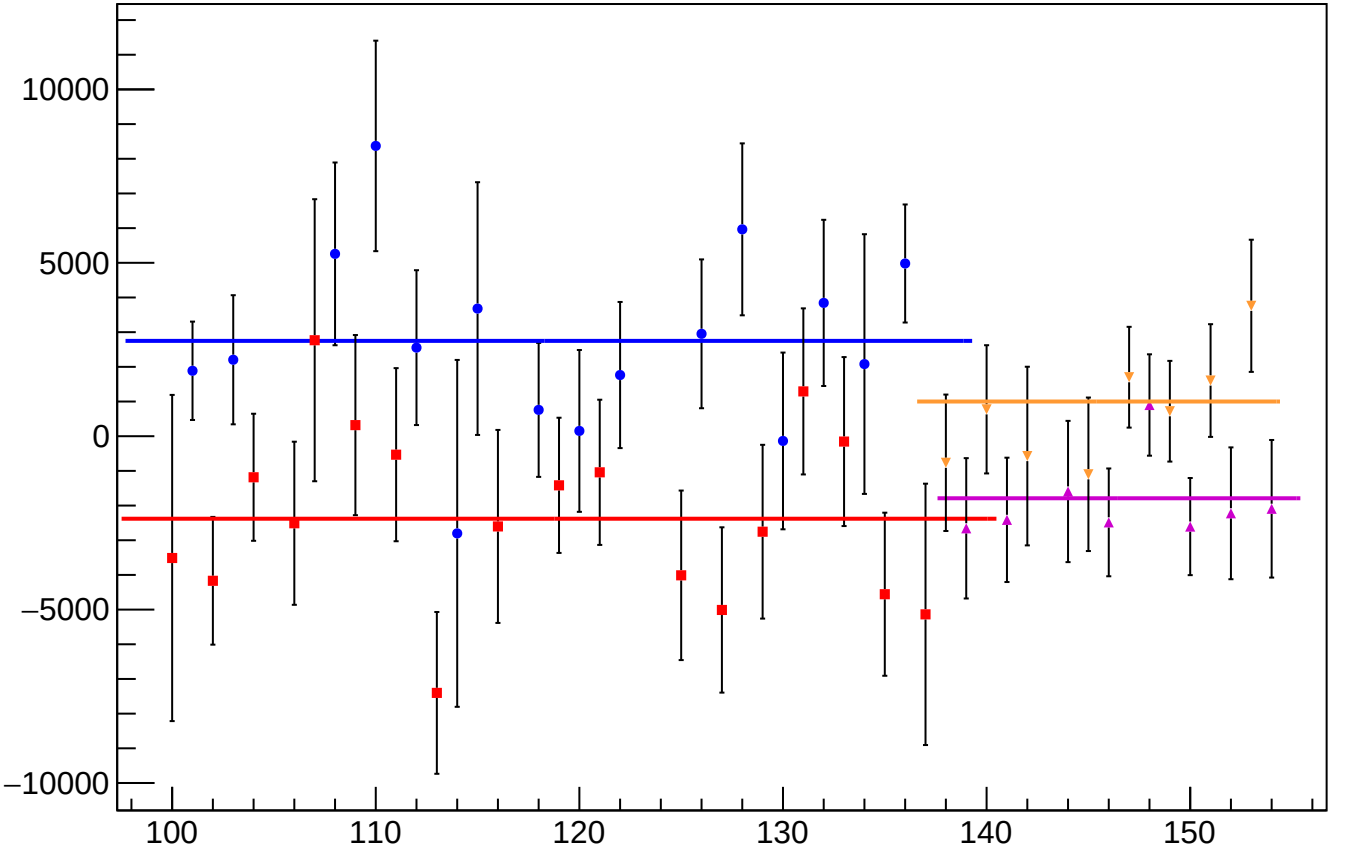
Left In: 1320.164+/-0.369 χ^2/NDF:475474.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1299.362+/-0.265 χ^2/NDF: 827810.1/15

- 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: 1000.390+/-631.455 χ^2/NDF:4.6/7

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

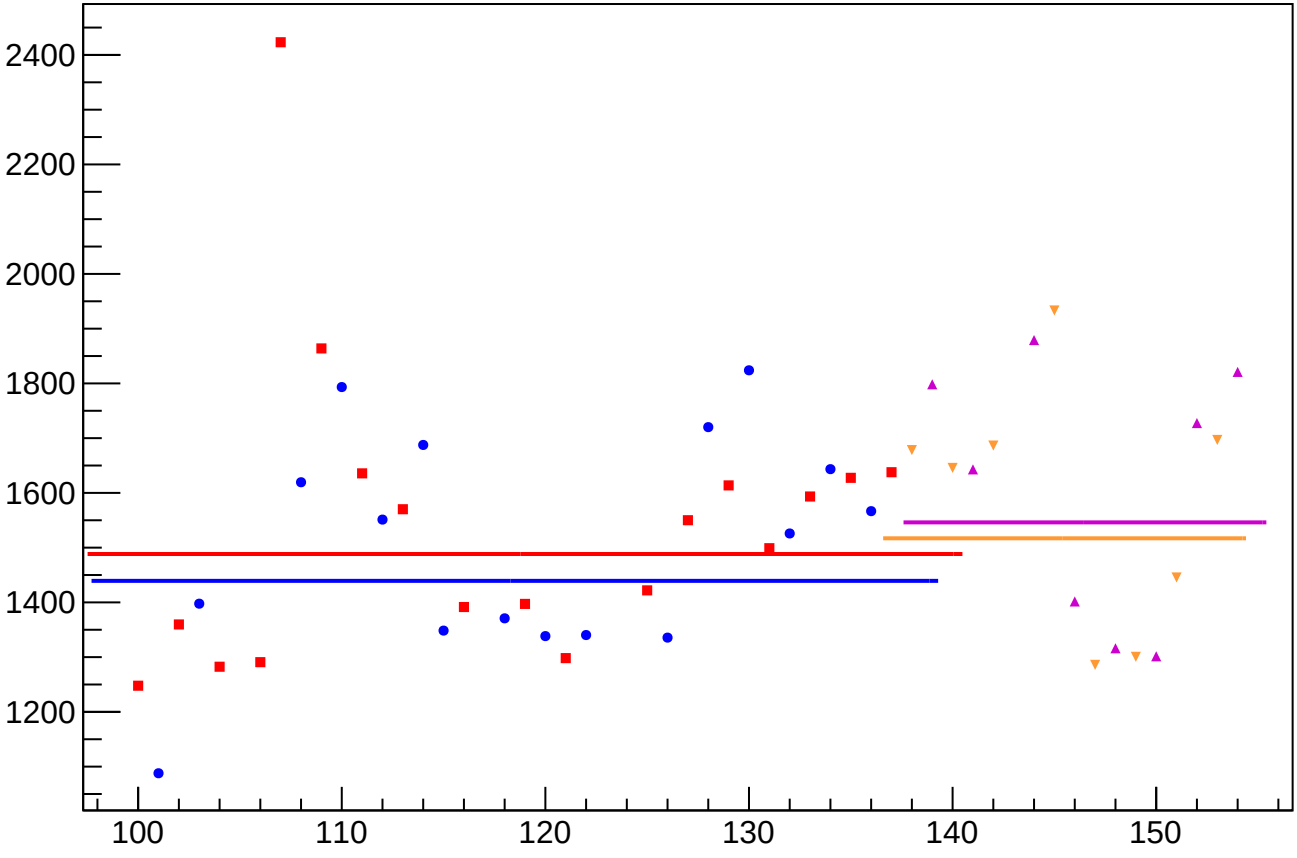
Left In: -1789.677+/-606.426 χ^2/NDF:4.3/7

+ sign 1974.543+/-420.203 χ^2/NDF: 22.4/23

All: -90.141+/-295.247 χ^2/NDF: 91.1/49

- sign -2103.340+/-414.931 χ^2/NDF: 21.0/25

asym_us_avg_rms vs Slug



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

Left Out: 1517.049+/-0.447 χ^2/NDF:219207.7/7

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

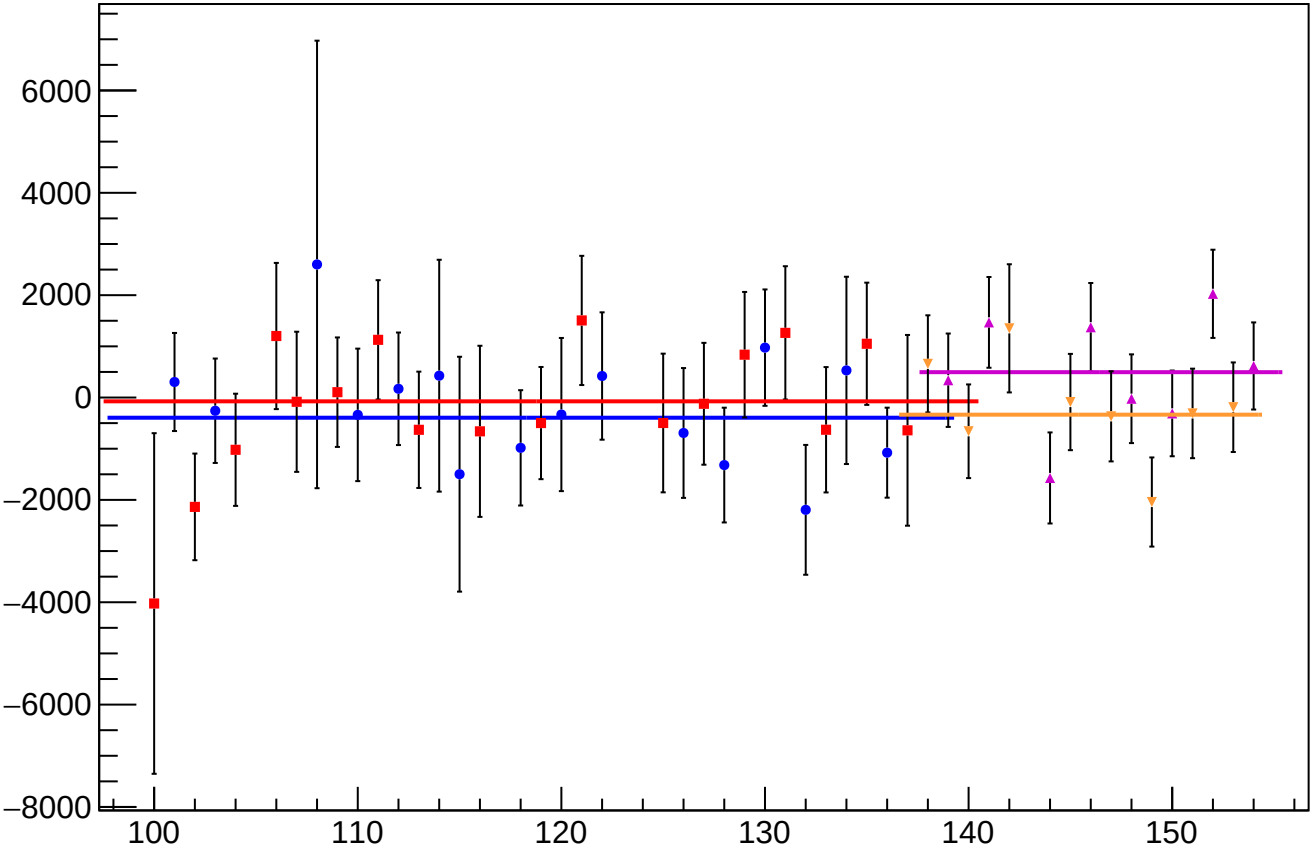
Left In: 1546.138+/-0.429 χ^2/NDF:274816.0/7

+ sign 1473.747+/-0.297 χ^2/NDF: 513948.2/23

All: 1494.848+/-0.209 χ^2/NDF: 1064696.9/49

- sign 1515.422+/-0.293 χ^2/NDF: 540788.2/25

dit_asym_us_dd_mean vs Slug



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

Left Out: -334.884+/-328.015 χ^2/NDF:7.0/7

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

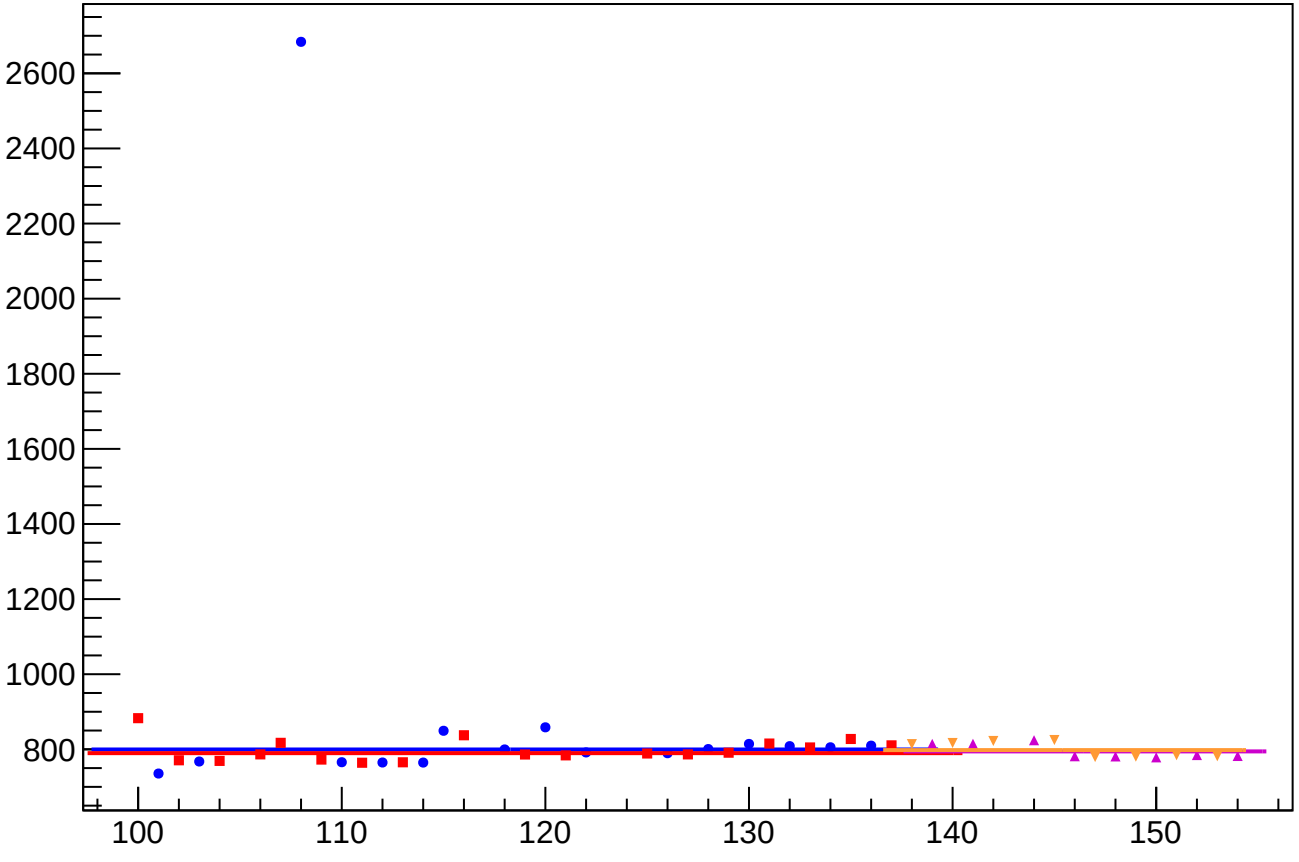
Left In: 495.541+/-307.735 χ^2/NDF:12.1/7

+ sign -366.000+/-226.512 χ^2/NDF: 14.4/23

All: -66.255+/-155.642 χ^2/NDF: 44.5/49

- sign 201.850+/-214.224 χ^2/NDF: 26.8/25

dit_asym_us_dd_rms vs Slug



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

Left Out: 797.877+/-0.232 χ^2/NDF:6677.5/7

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

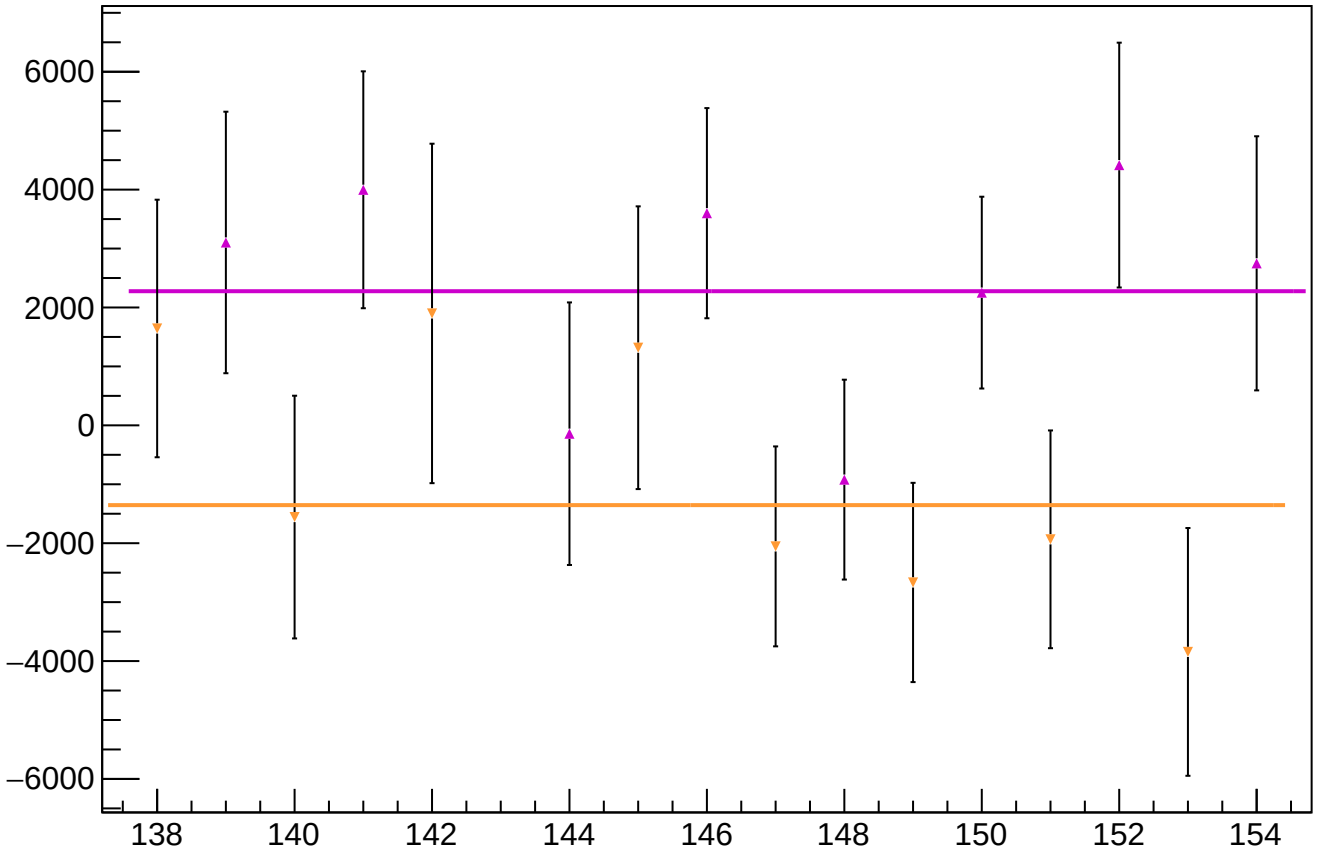
Left In: 794.450+/-0.218 χ^2/NDF:6536.0/7

+ sign 798.746+/-0.160 χ^2/NDF: 397890.2/23

All: 795.211+/-0.110 χ^2/NDF: 416759.5/49

- sign 792.050+/-0.151 χ^2/NDF: 17946.9/25

asym_us_dd_correction_mean vs Slug



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

Left Out: -1353.799+/-714.976 χ^2/NDF:6.7/7

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

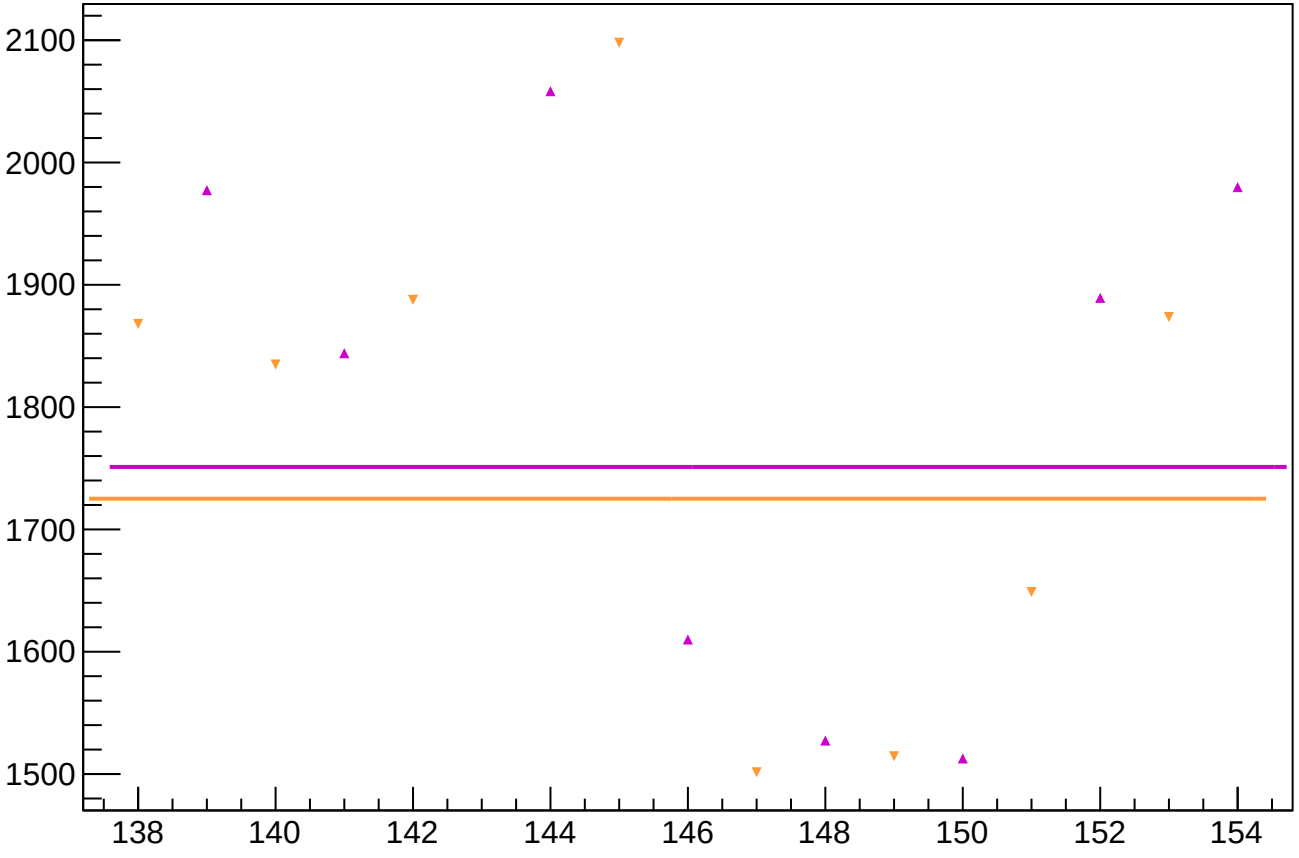
Left In: 2276.097+/-683.770 χ^2/NDF:7.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 542.093+/-494.162 χ^2/NDF: 27.4/15

- 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: 1725.108+/-0.506 χ^2/NDF:148120.2/7

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

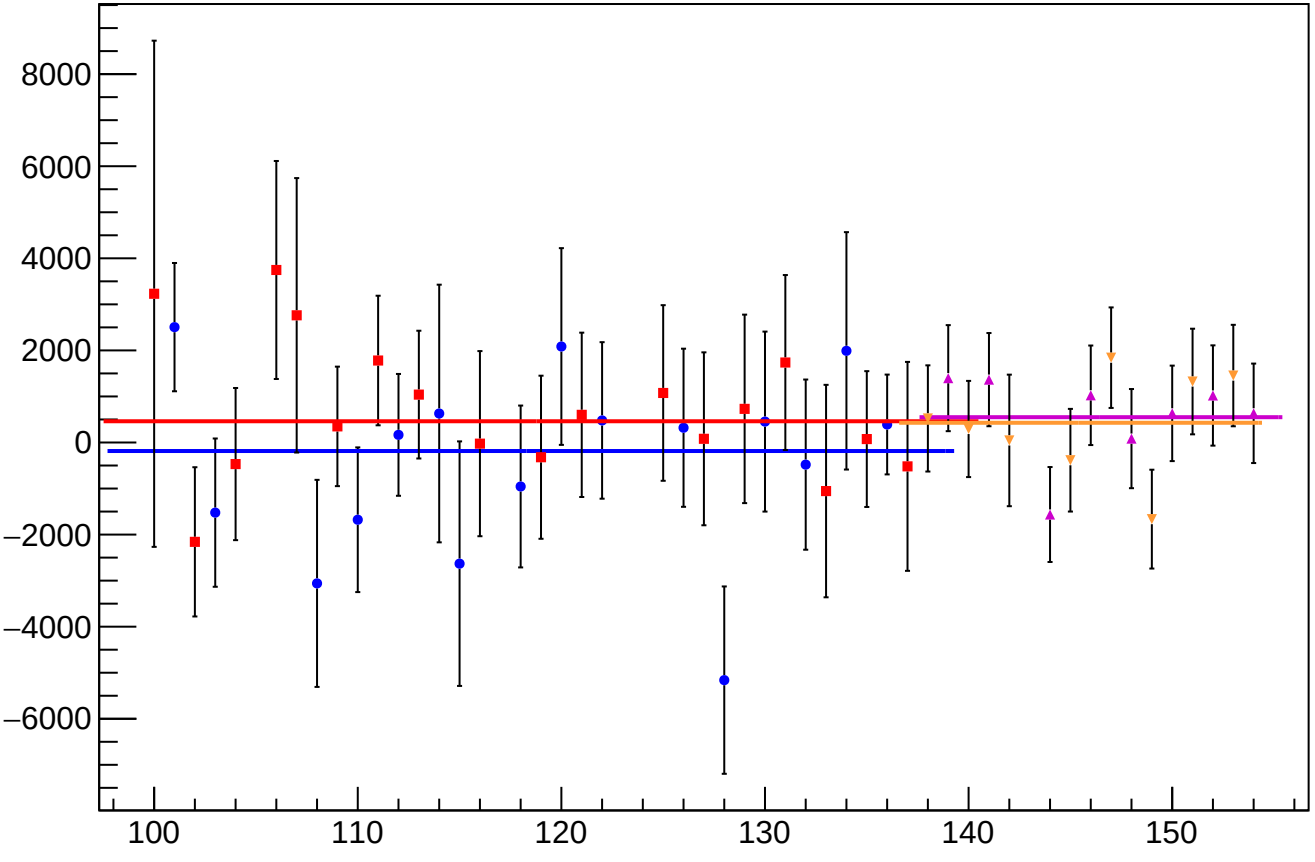
Left In: 1751.106+/-0.483 χ^2/NDF:184713.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1738.687+/-0.349 χ^2/NDF: 334214.7/15

- 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: 428.410+/-399.855 χ^2/NDF:7.6/7

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

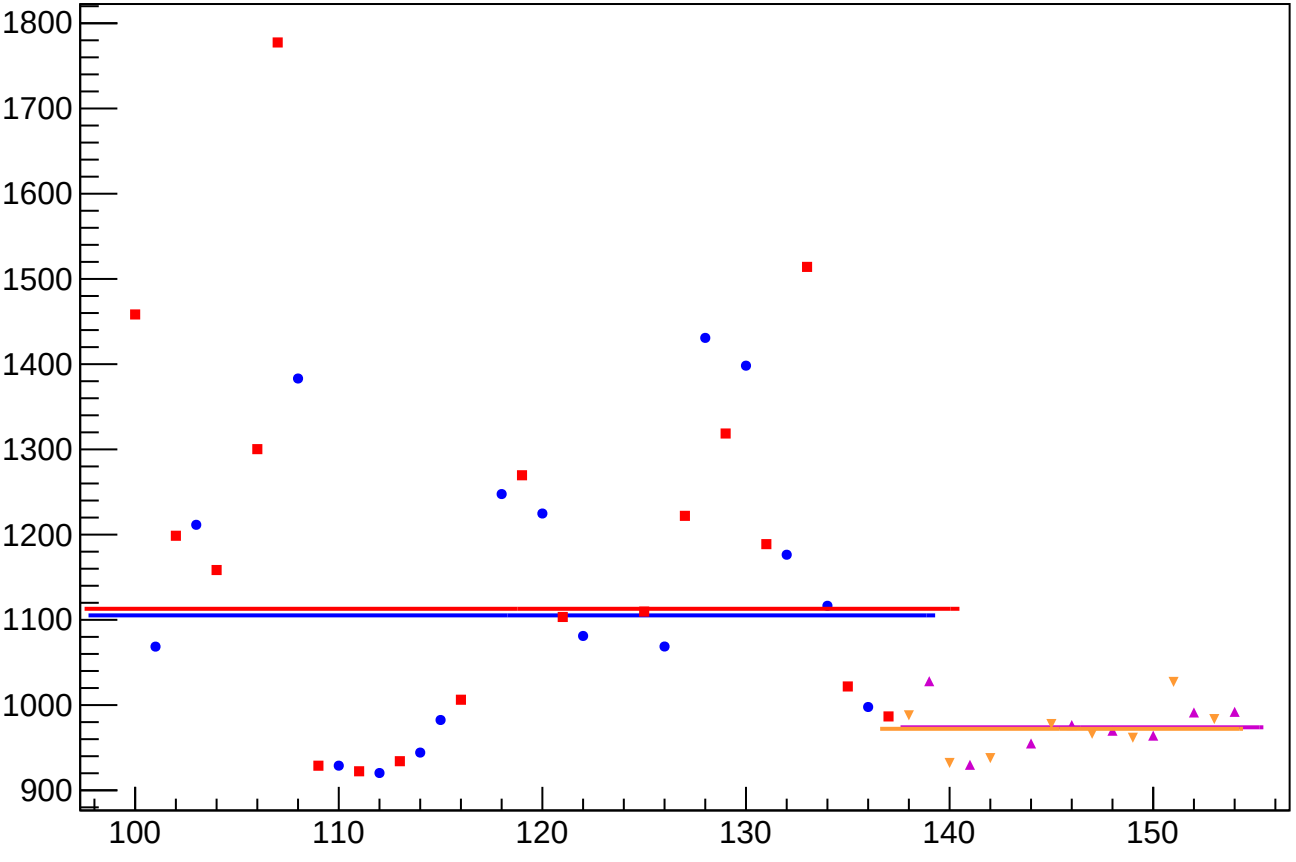
Left In: 549.587+/-377.407 χ^2/NDF:6.0/7

+ sign 144.991+/-293.288 χ^2/NDF: 25.3/23

All: 334.599+/-203.562 χ^2/NDF: 40.4/49

- sign 510.837+/-282.760 χ^2/NDF: 14.3/25

asym_us_dd_rms vs Slug



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

Left Out: 972.158+/-0.283 χ^2/NDF:9593.3/7

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

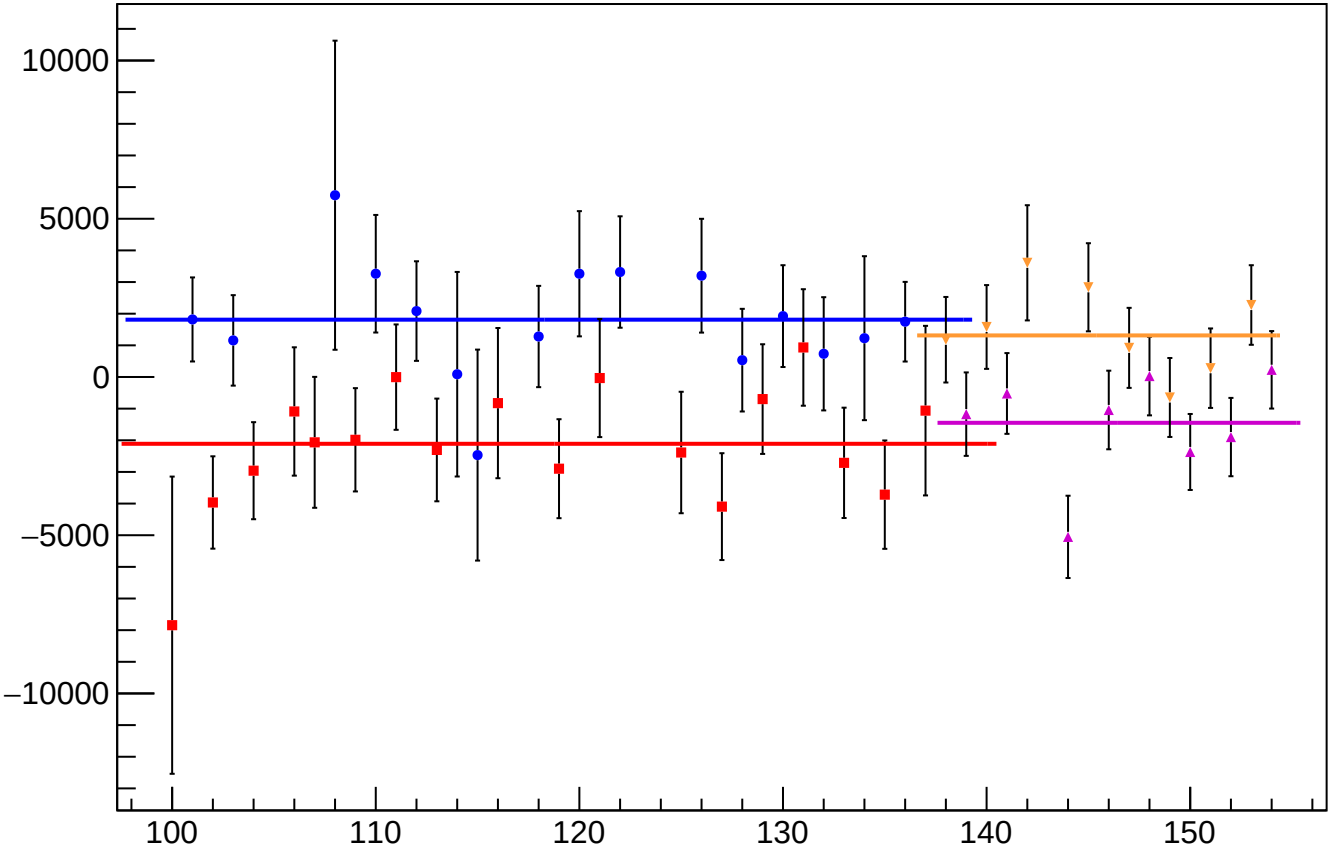
Left In: 973.928+/-0.267 χ^2/NDF:10157.4/7

+ sign 1033.640+/-0.207 χ^2/NDF: 367305.6/23

All: 1034.305+/-0.144 χ^2/NDF: 859566.6/49

- sign 1034.924+/-0.200 χ^2/NDF: 492241.2/25

dit_asym_usl_mean vs Slug



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

Left Out: 1313.662+/-472.951 χ^2/NDF:6.7/7

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

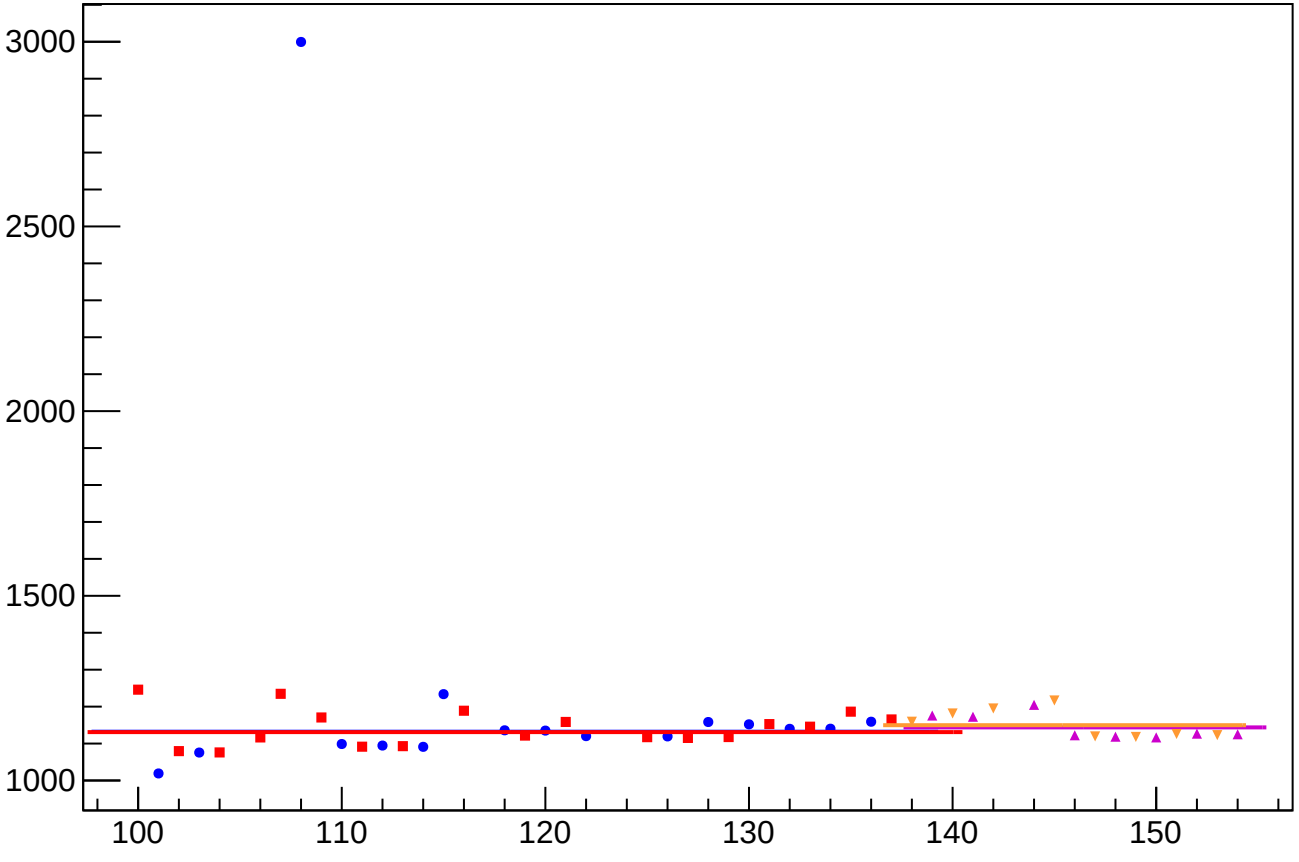
Left In: -1447.822+/-443.156 χ^2/NDF:12.4/7

+ sign 1579.085+/-322.984 χ^2/NDF: 13.7/23

All: -187.469+/-222.799 χ^2/NDF: 97.3/49

- sign -1791.197+/-307.740 χ^2/NDF: 26.6/25

dit_asym_usl_rms vs Slug



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

Left Out: 1149.719+/-0.334 χ^2/NDF:11198.8/7

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

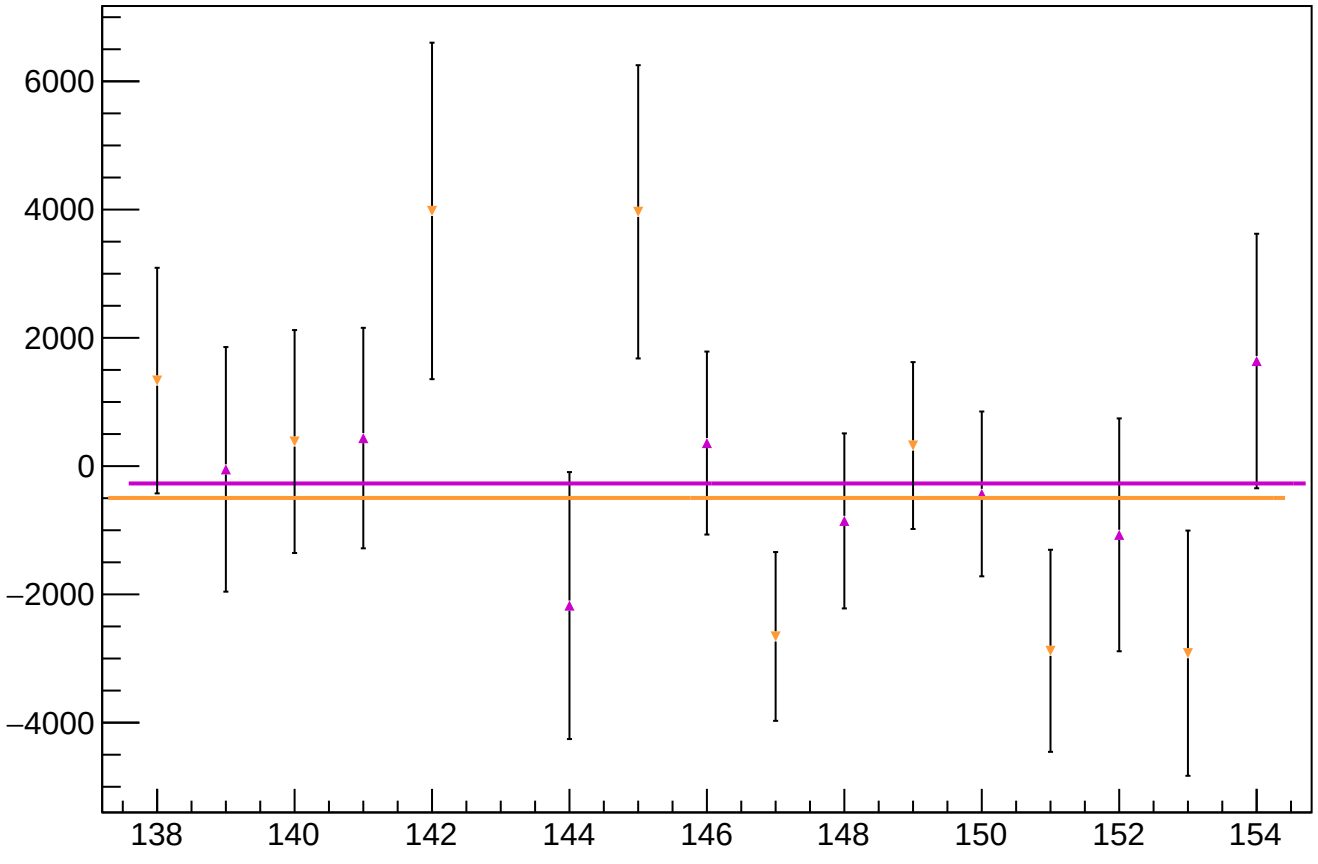
Left In: 1143.764+/-0.313 χ^2/NDF:9882.2/7

+ sign 1140.303+/-0.228 χ^2/NDF: 328710.4/23

All: 1138.657+/-0.158 χ^2/NDF: 359267.6/49

- sign 1137.164+/-0.218 χ^2/NDF: 30458.2/25

asym_usl_correction_mean vs Slug



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

Left Out: -496.323+/-593.853 χ^2/NDF:15.0/7

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

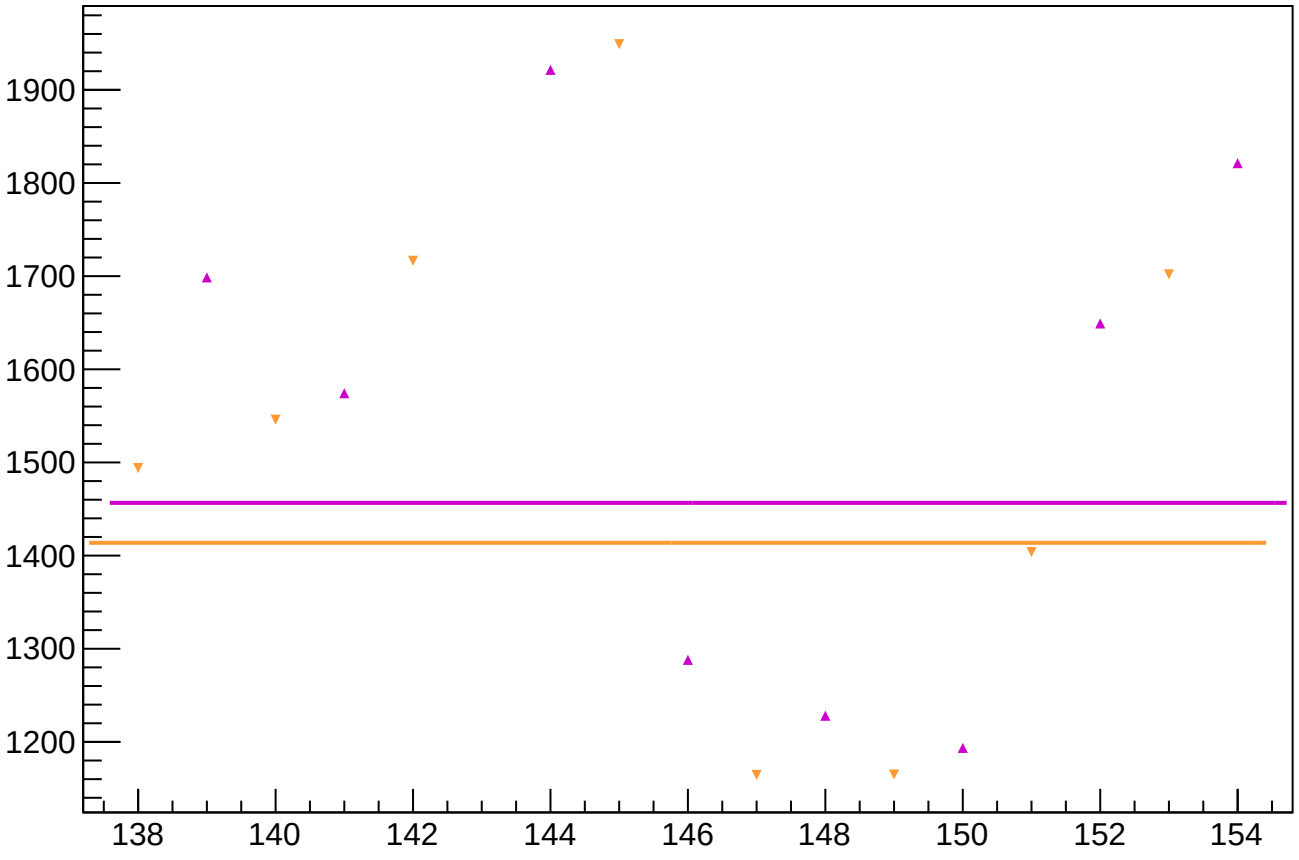
Left In: -270.529+/-573.975 χ^2/NDF:2.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -379.584+/-412.710 χ^2/NDF: 17.6/15

- 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: 1413.751+/-0.420 χ^2/NDF:342352.7/7

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

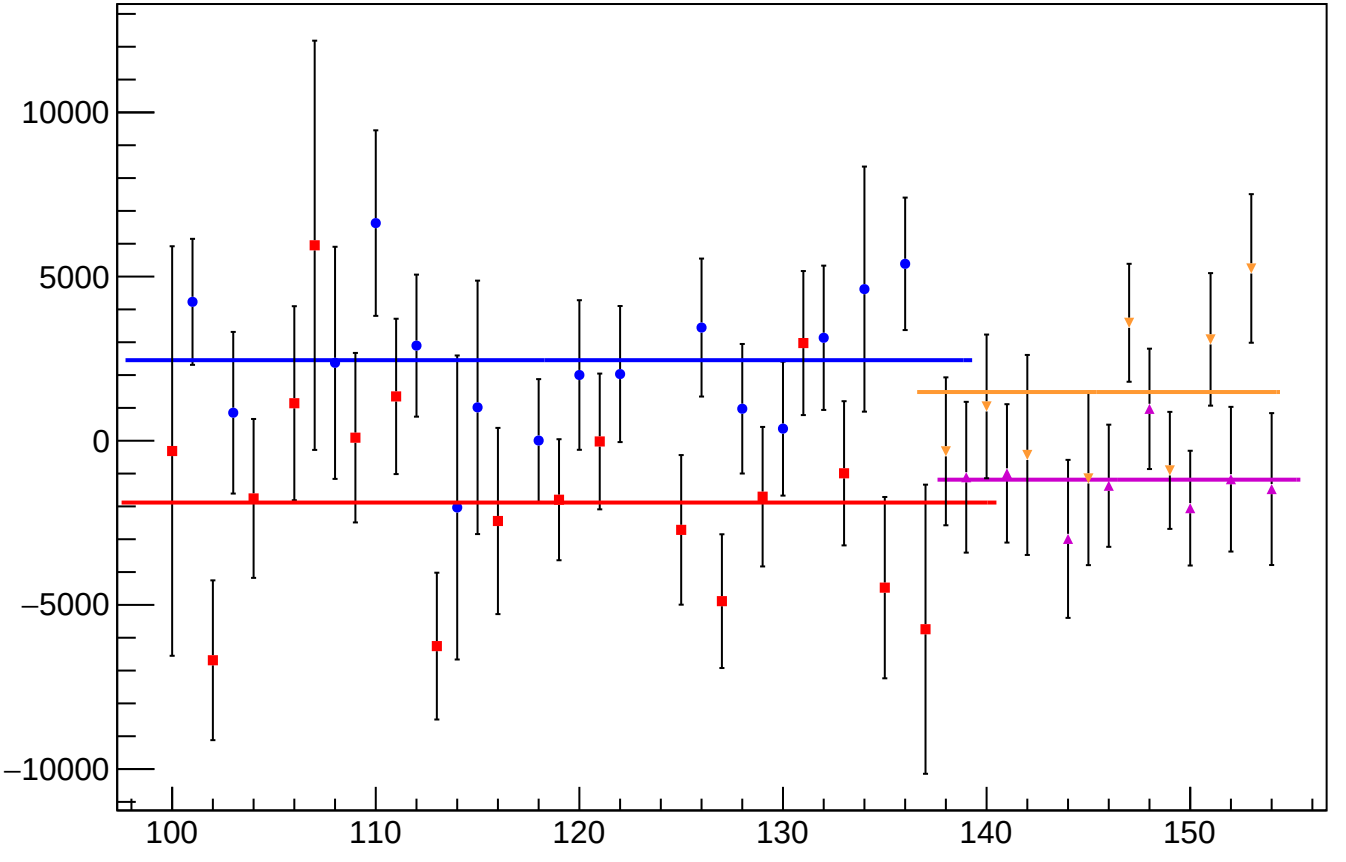
Left In: 1456.600+/-0.406 χ^2/NDF:399214.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1435.904+/-0.292 χ^2/NDF: 746950.3/15

- 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: 1483.502+/-761.951 χ^2/NDF:8.6/7

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

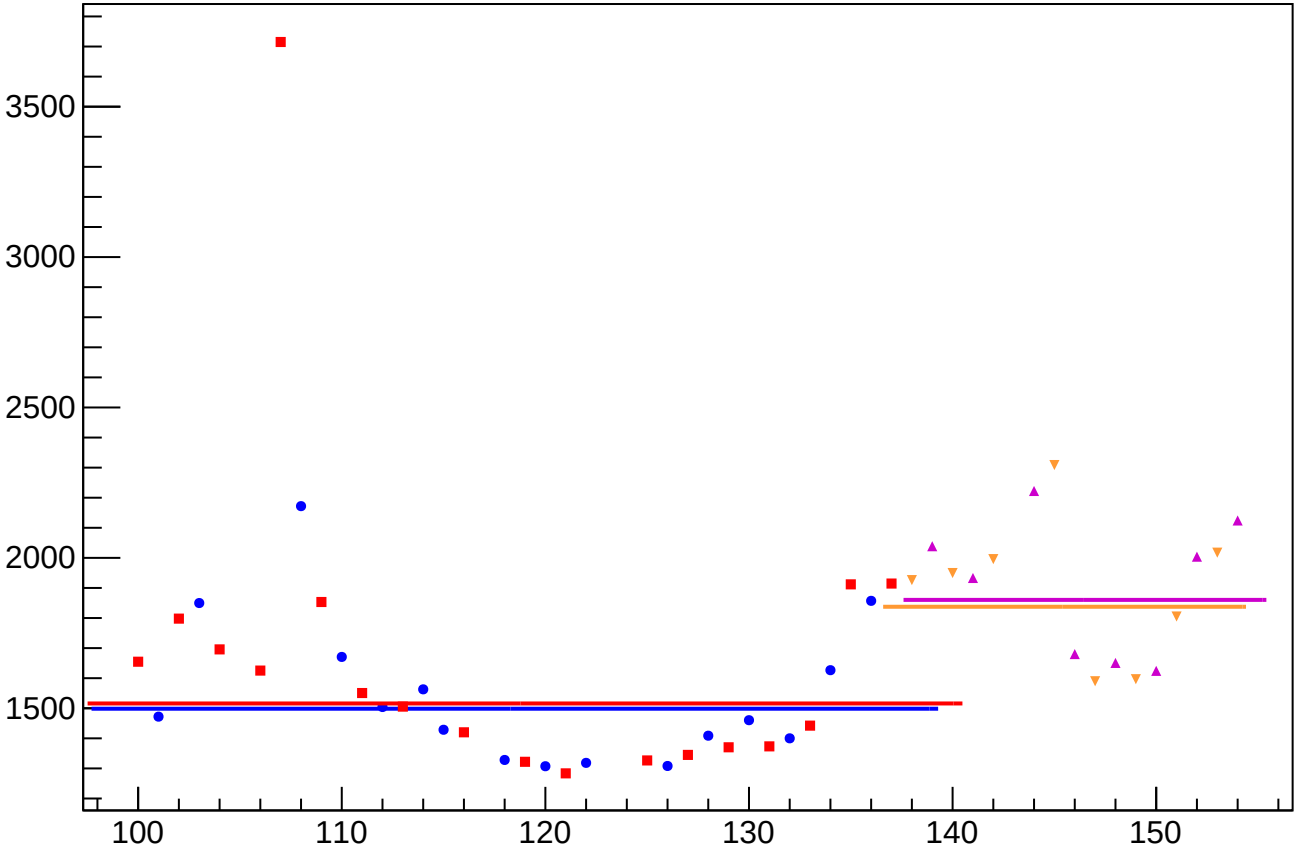
Left In: -1186.105+/-726.566 χ^2/NDF:2.2/7

+ sign 2094.413+/-463.667 χ^2/NDF: 20.4/23

All: 206.562+/-324.682 χ^2/NDF: 78.5/49

- sign -1609.789+/-454.802 χ^2/NDF: 25.5/25

asym_usl_rms vs Slug



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

Left Out: 1837.477+/-0.539 χ^2/NDF:165045.3/7

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

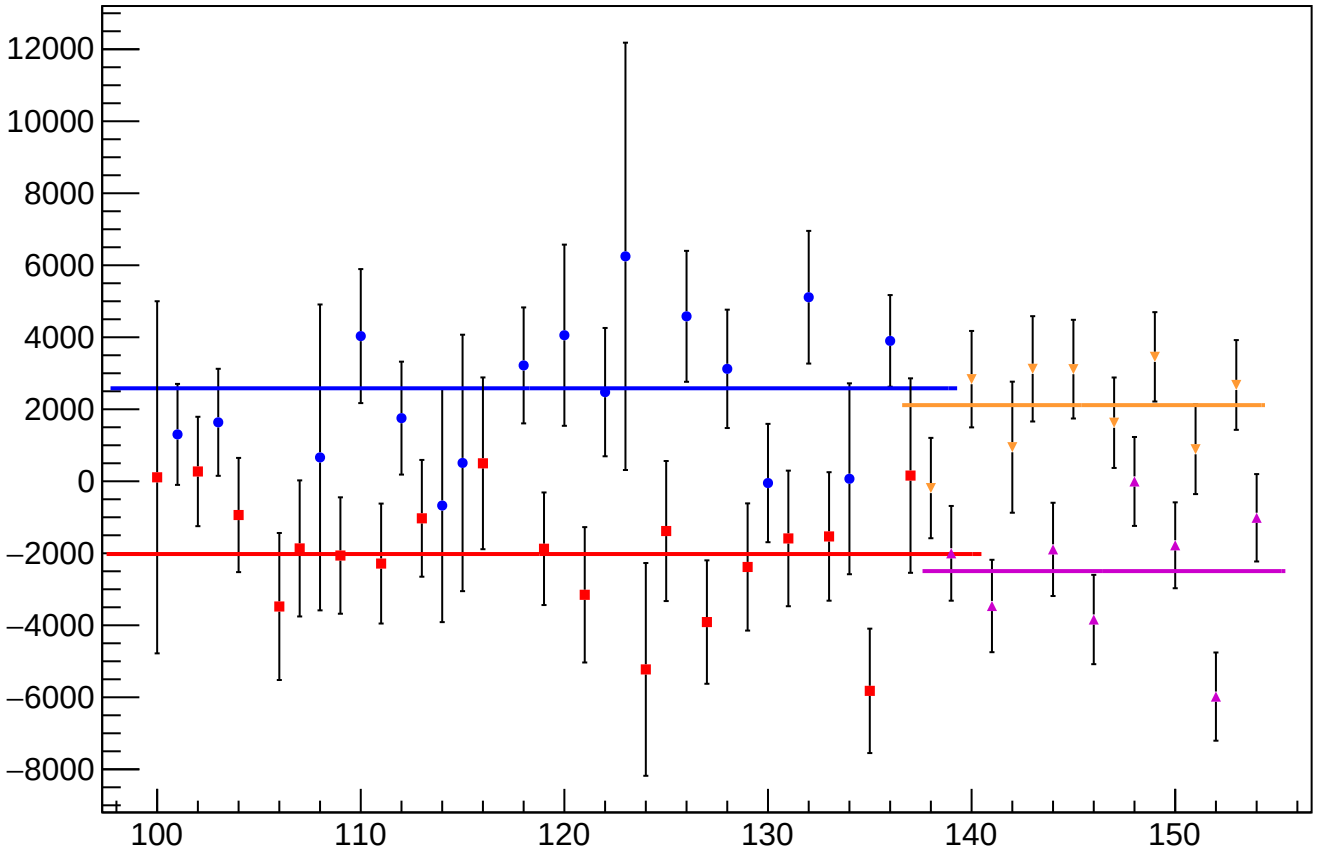
Left In: 1860.322+/-0.514 χ^2/NDF:175632.2/7

+ sign 1624.015+/-0.328 χ^2/NDF: 673131.7/23

All: 1637.708+/-0.230 χ^2/NDF: 1605980.7/49

- sign 1650.883+/-0.322 χ^2/NDF: 929426.4/25

dit_asym_usr_mean vs Slug



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

Left Out: 2115.116+/-449.728 χ^2/NDF:6.9/8

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

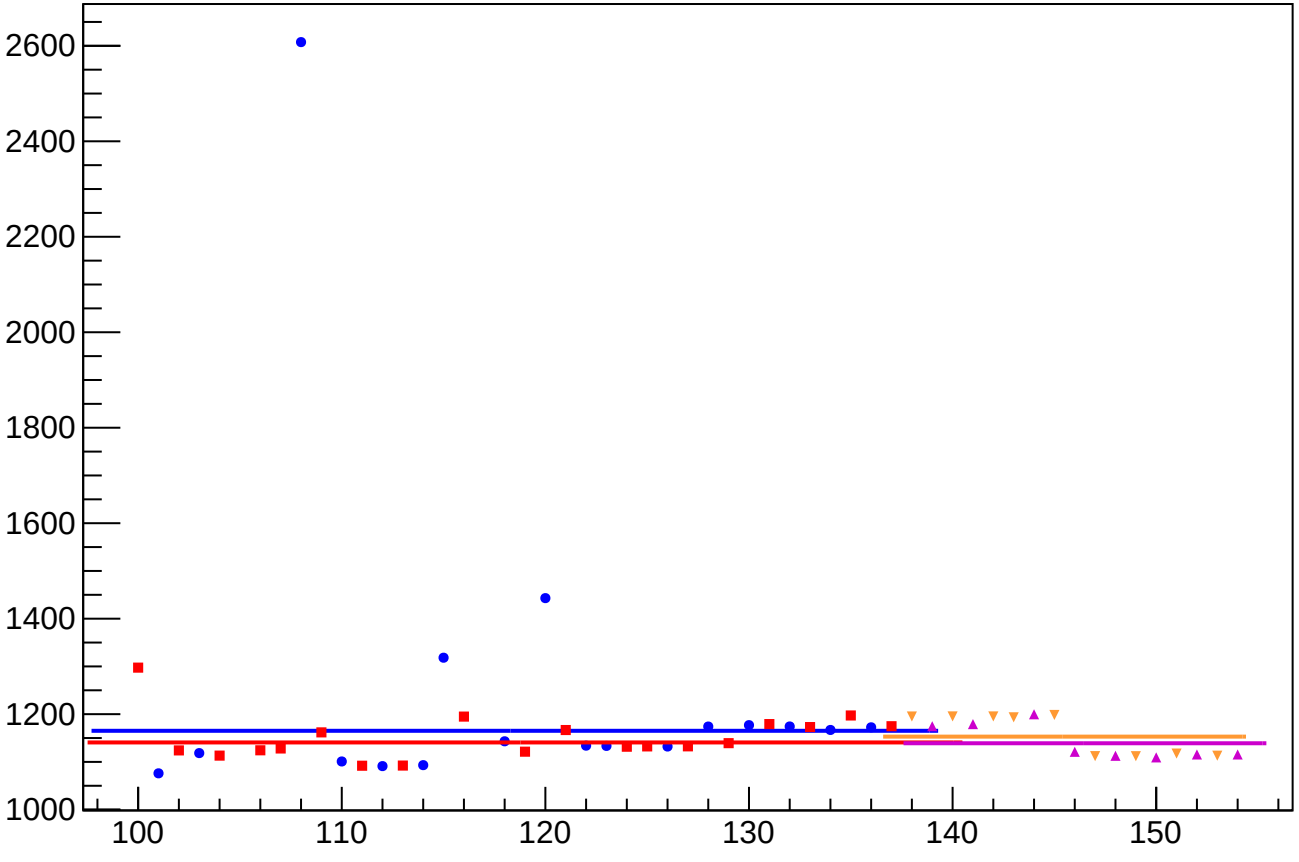
Left In: -2494.742+/-441.316 χ^2/NDF:16.1/7

+ sign 2347.256+/-319.224 χ^2/NDF: 19.8/25

All: -42.608+/-221.195 χ^2/NDF: 157.8/52

- sign -2249.790+/-306.780 χ^2/NDF: 30.2/26

dit_asym_usr_rms vs Slug



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

Left Out: 1152.950+/-0.318 χ^2/NDF:16604.0/8

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

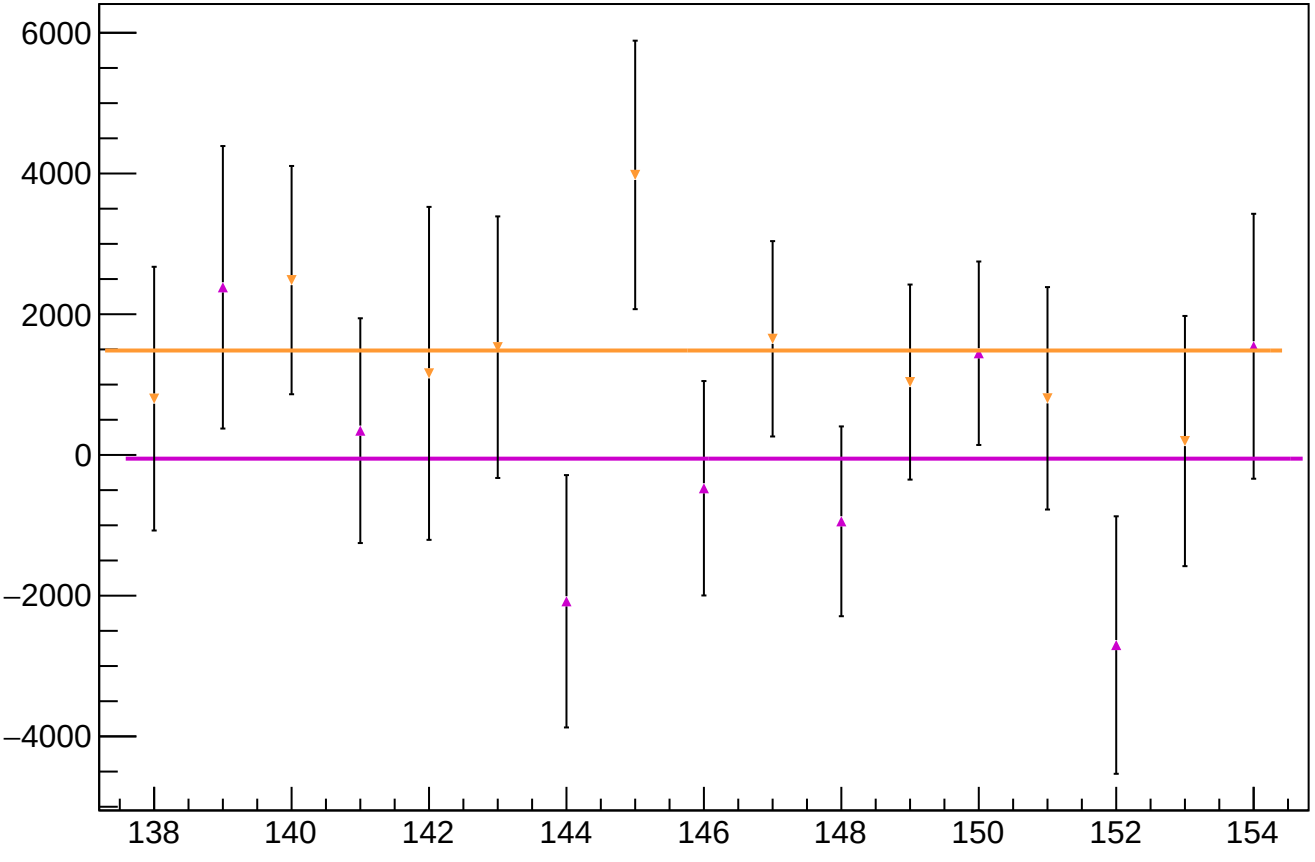
Left In: 1139.045+/-0.312 χ^2/NDF:11848.9/7

+ sign 1159.001+/-0.226 χ^2/NDF: 295903.9/25

All: 1149.085+/-0.156 χ^2/NDF: 324198.3/52

- sign 1139.927+/-0.217 χ^2/NDF: 24582.1/26

asym_usr_correction_mean vs Slug



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

Left Out: 1484.451+/-562.252 χ^2/NDF:3.1/8

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

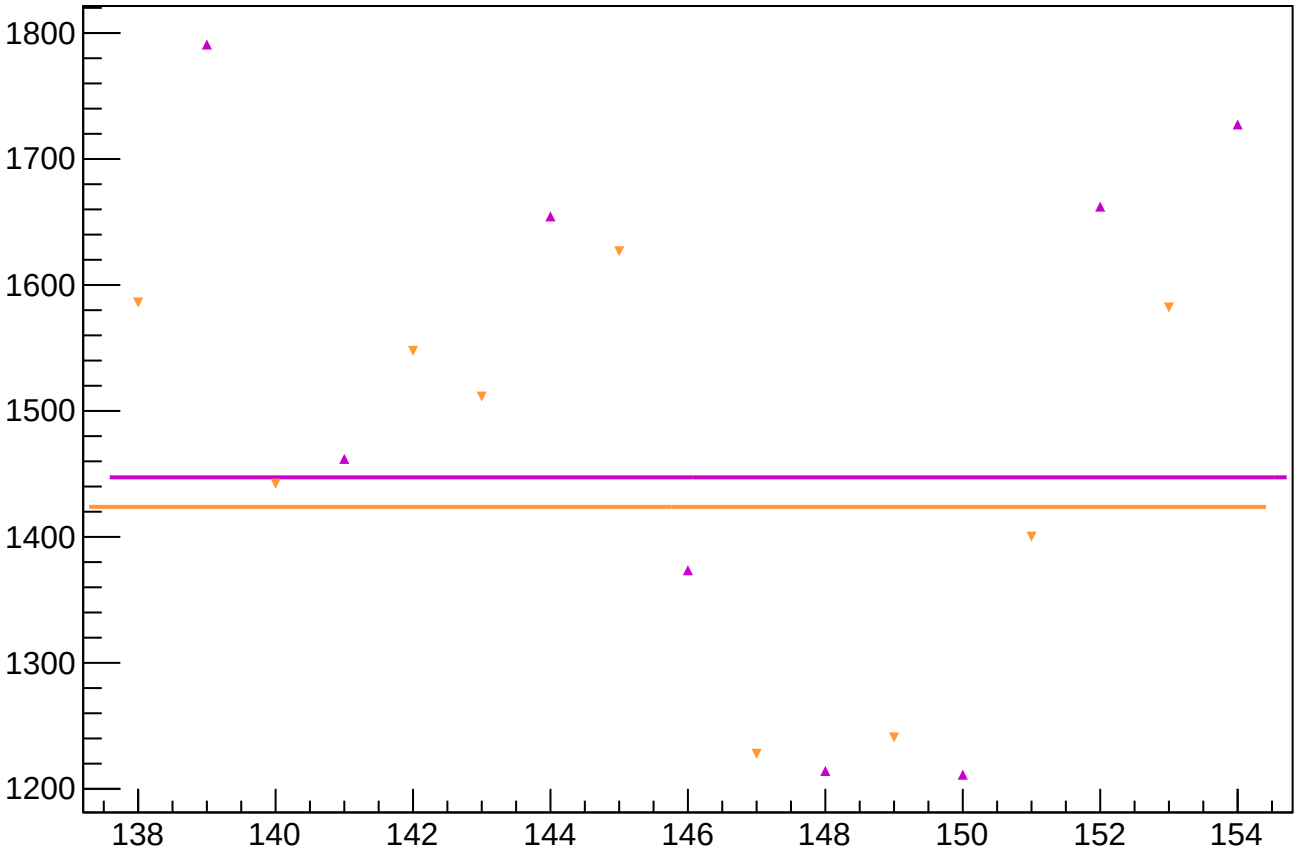
Left In: -52.669+/-567.927 χ^2/NDF:7.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 723.609+/-399.563 χ^2/NDF: 14.2/16

- 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: 1423.842+/-0.398 χ^2/NDF:138842.7/8

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

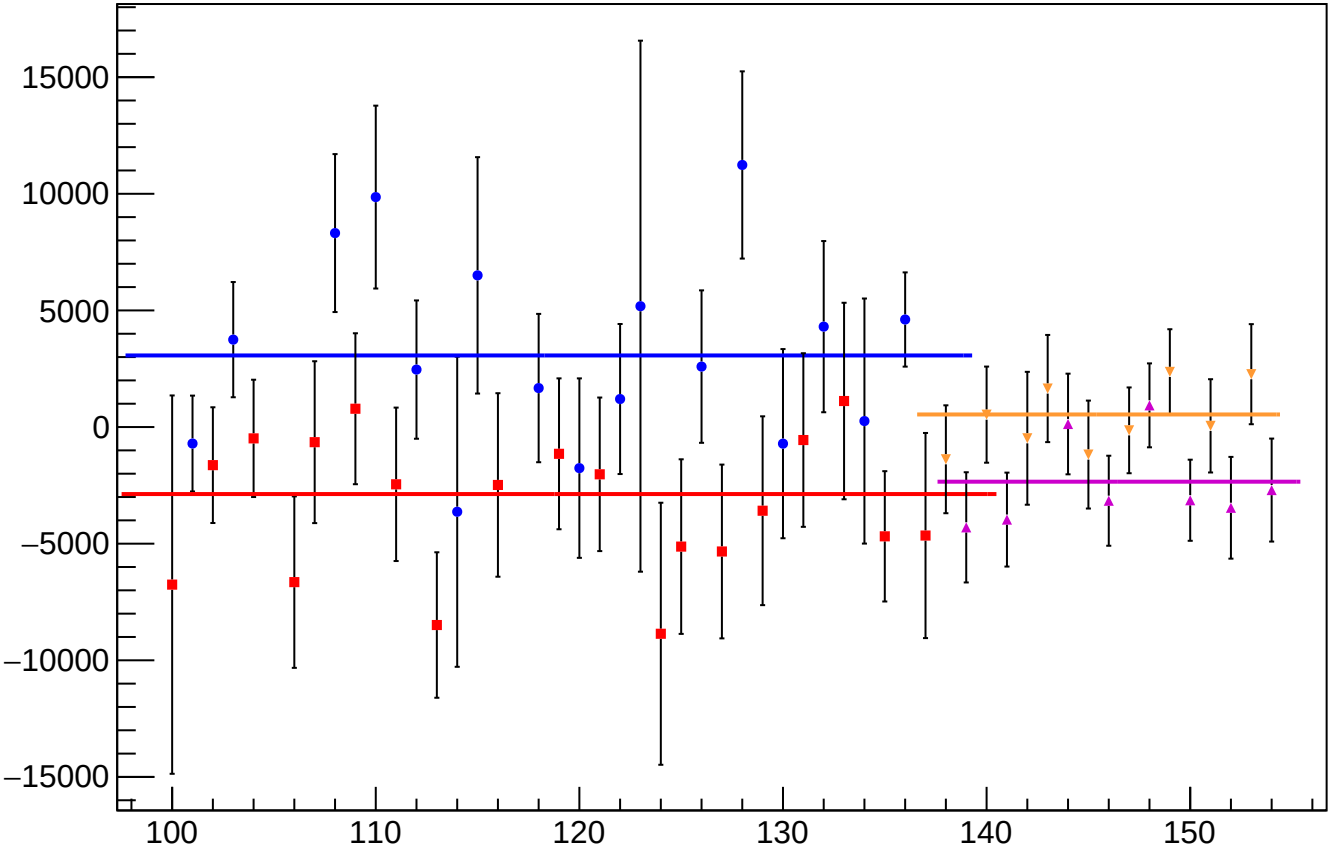
Left In: 1447.287+/-0.402 χ^2/NDF:287296.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1435.447+/-0.283 χ^2/NDF: 427860.9/16

- 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: 539.418+/-709.979 χ^2/NDF:3.4/8

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

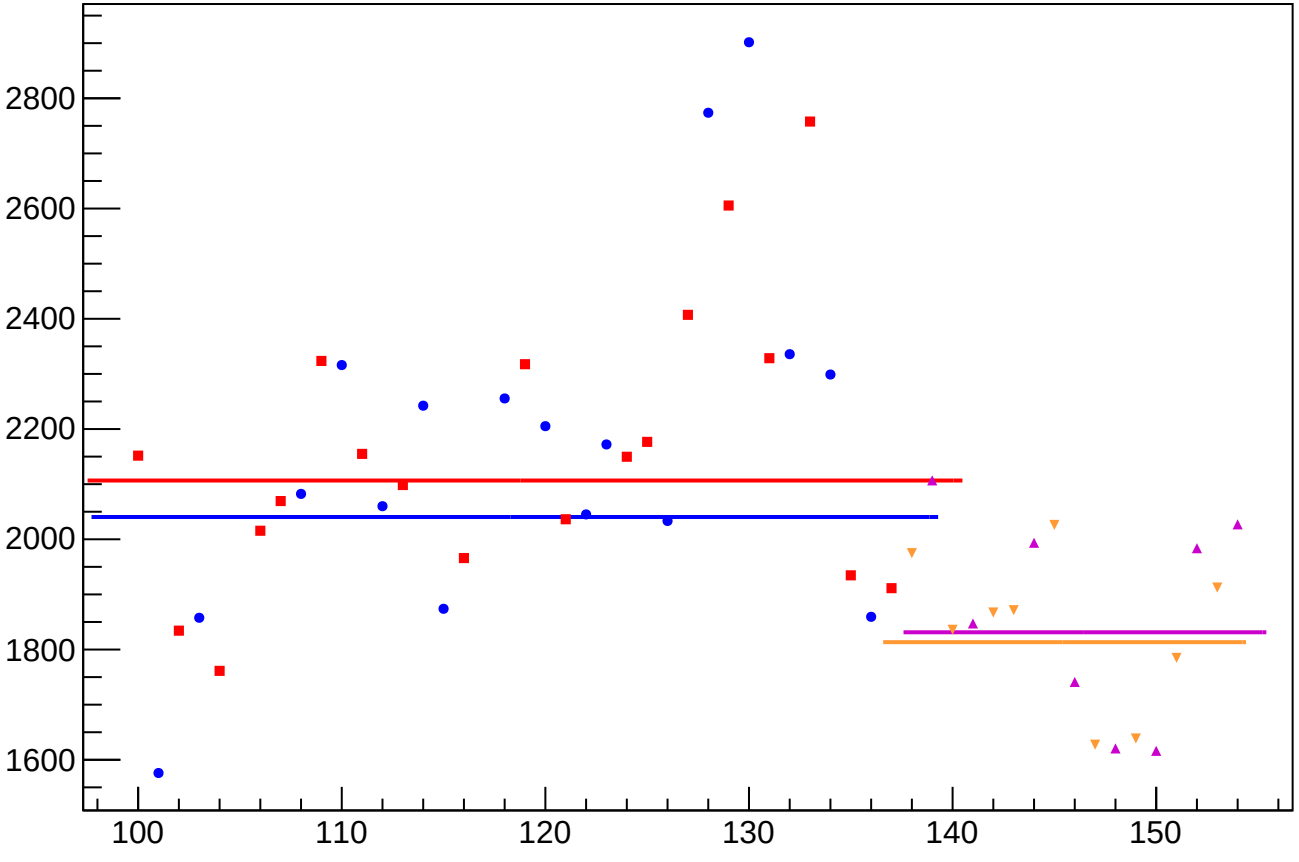
Left In: -2342.788+/-713.527 χ^2/NDF:6.6/7

+ sign 1657.678+/-530.356 χ^2/NDF: 27.6/25

All: -457.637+/-375.288 χ^2/NDF: 77.9/52

- sign -2579.053+/-531.120 χ^2/NDF: 18.5/26

asym_usr_rms vs Slug



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

Left Out: 1813.383+/-0.502 χ^2/NDF:72239.6/8

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

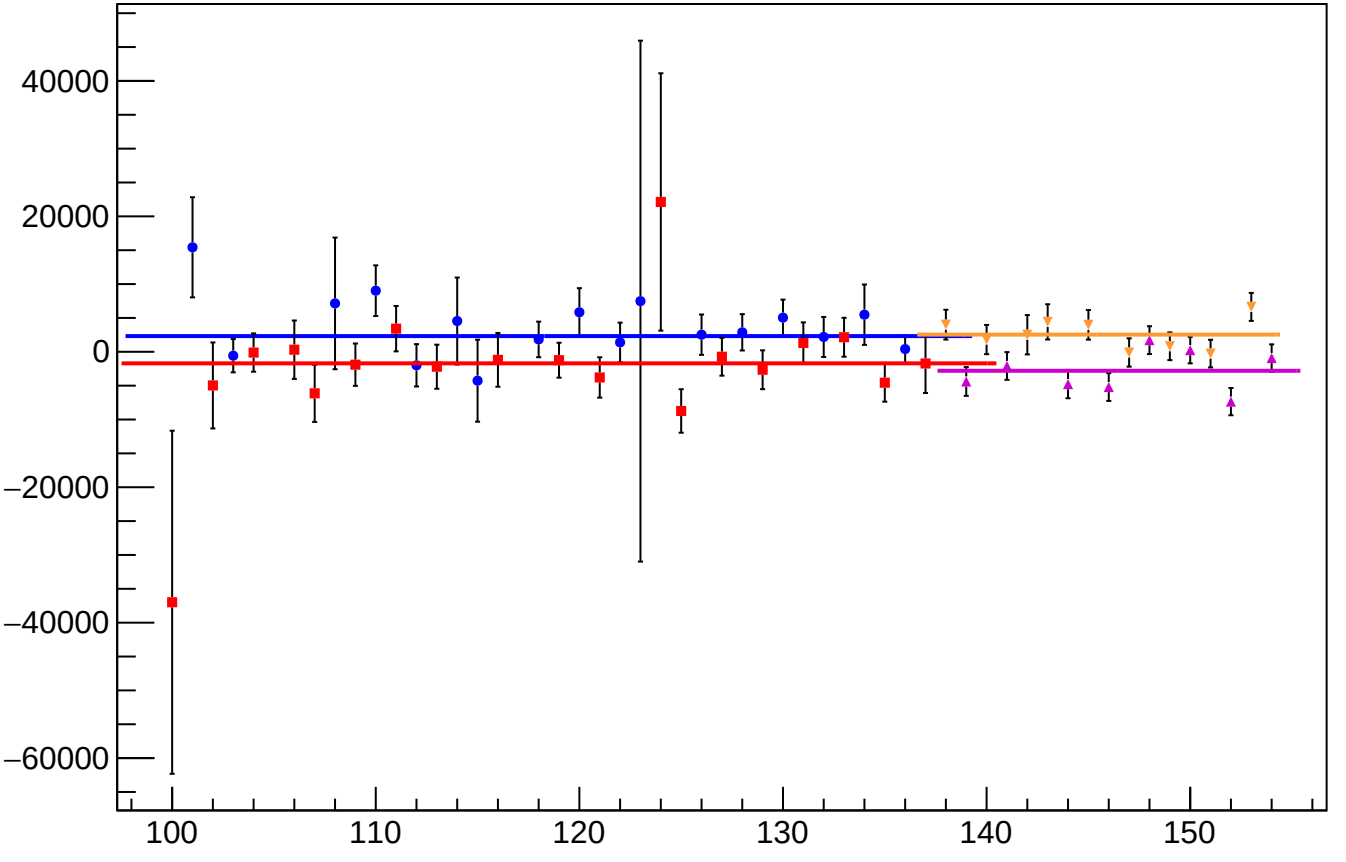
Left In: 1831.331+/-0.505 χ^2/NDF:126569.6/7

+ sign 1913.737+/-0.375 χ^2/NDF: 493984.8/25

All: 1933.885+/-0.265 χ^2/NDF: 954510.3/52

- sign 1954.092+/-0.376 χ^2/NDF: 454743.9/26

dit_asym_at1_avg_mean vs Slug



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

Left Out: 2537.677+/-737.737 χ^2/NDF:9.6/8

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

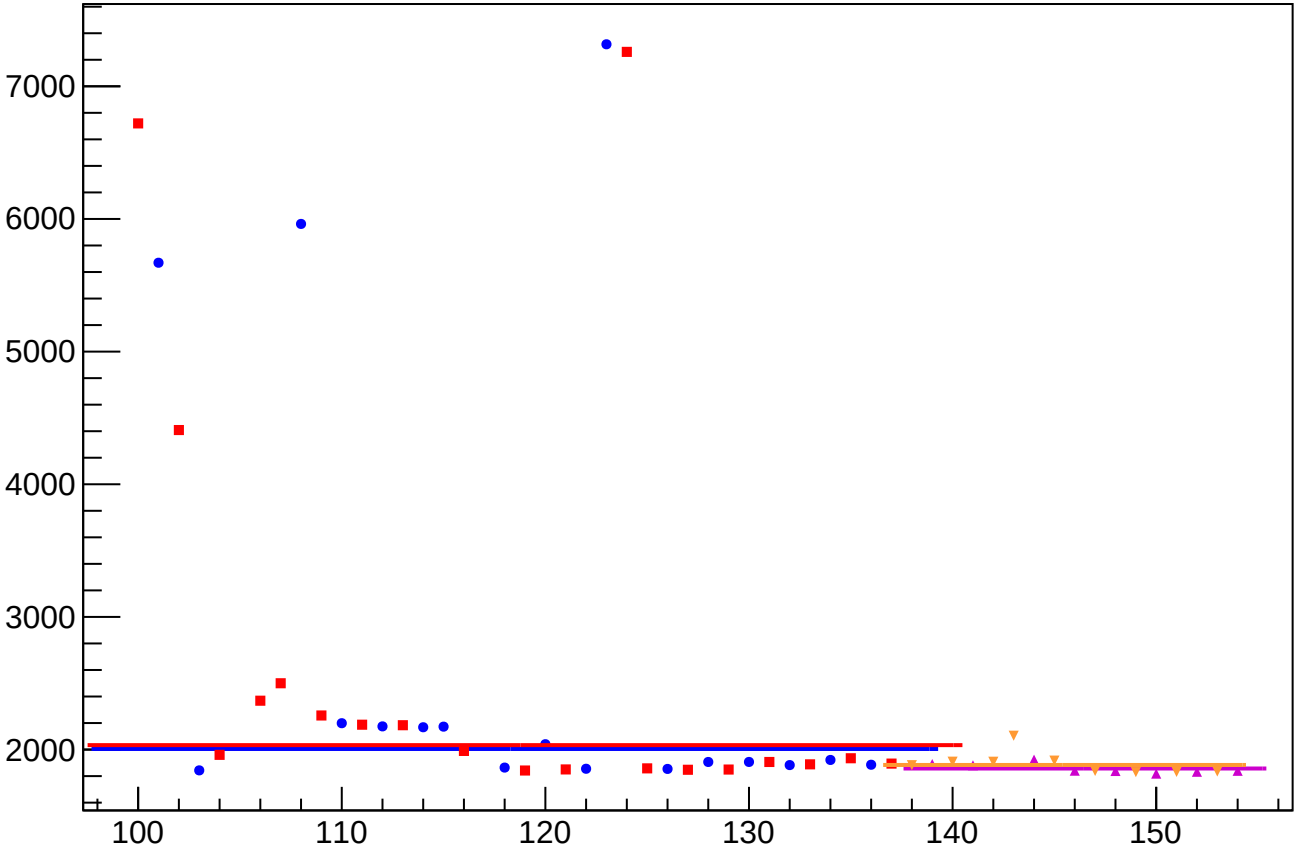
Left In: -2801.488+/-721.961 χ^2/NDF:16.2/7

+ sign 2437.391+/-542.784 χ^2/NDF: 24.5/25

All: 16.623+/-379.471 χ^2/NDF: 97.8/52

- sign -2297.771+/-530.725 χ^2/NDF: 34.4/26

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1884.003+/-0.522 χ^2/NDF:19988.6/8

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

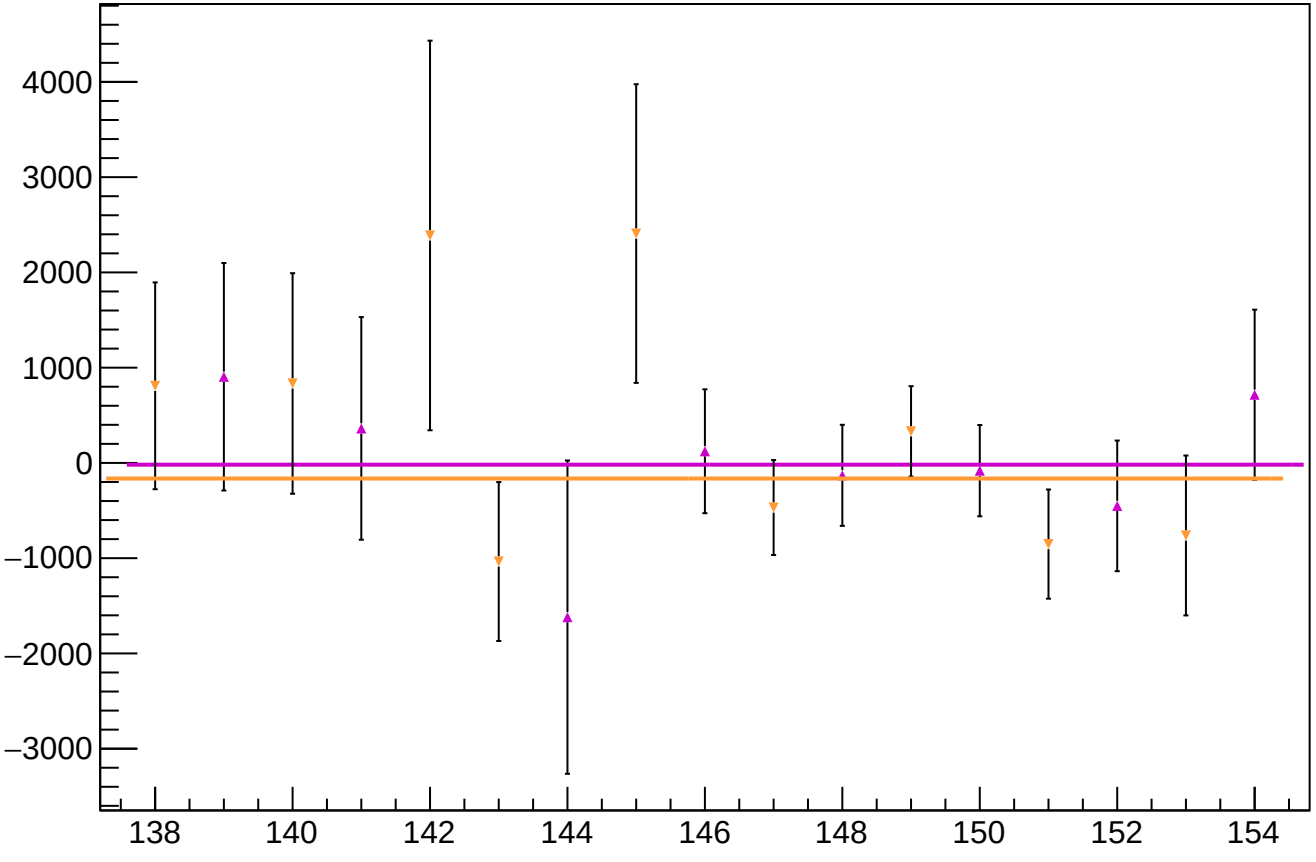
Left In: 1857.283+/-0.511 χ^2/NDF:4339.9/7

+ sign 1939.296+/-0.384 χ^2/NDF: 960495.9/25

All: 1938.771+/-0.268 χ^2/NDF: 1630605.7/52

- sign 1938.269+/-0.375 χ^2/NDF: 670106.2/26

asym_at1_avg_correction_mean vs Slug



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

Left Out: -163.702+/-245.393 χ^2/NDF:10.3/8

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

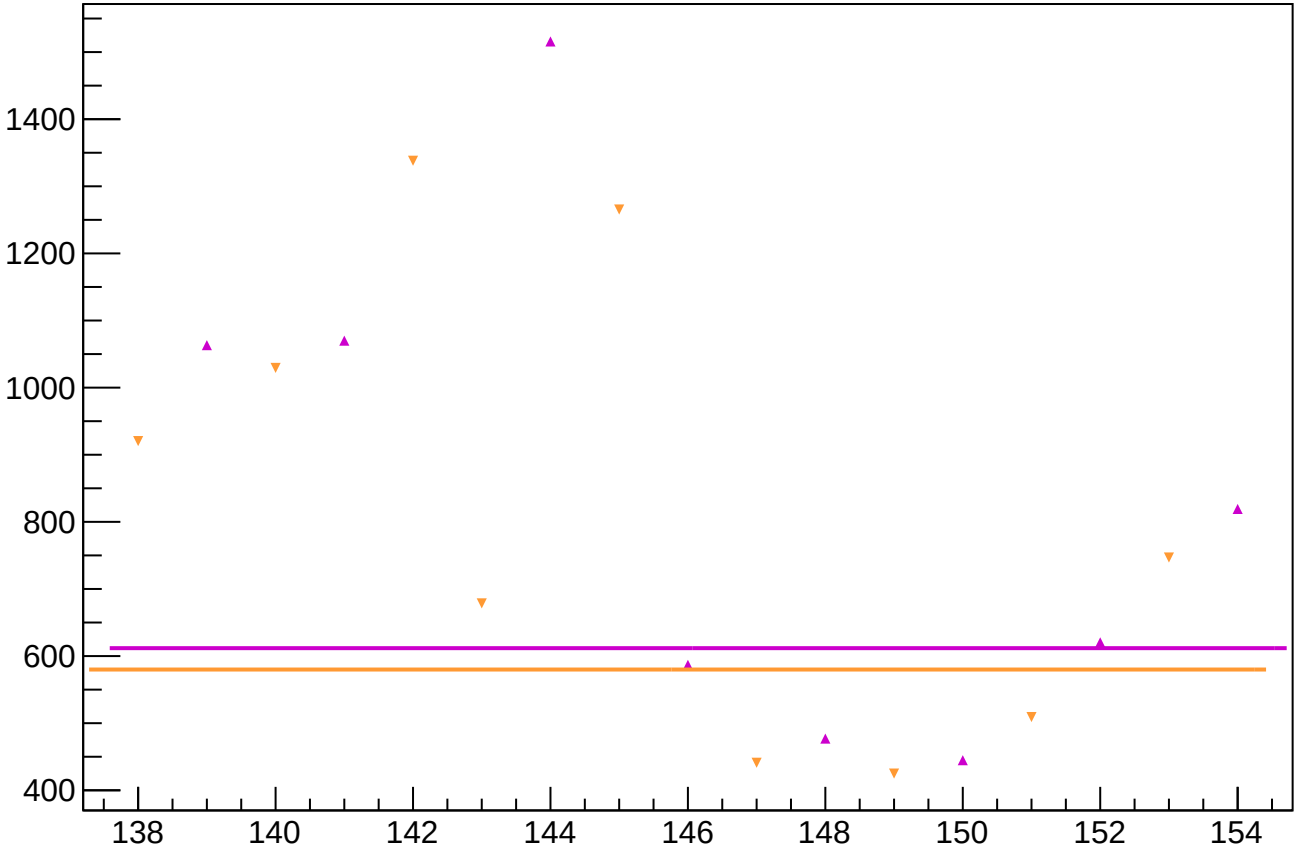
Left In: -18.478+/-254.321 χ^2/NDF:2.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -93.684+/-176.591 χ^2/NDF: 13.3/16

- 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: 579.955+/-0.174 χ^2/NDF:1661551.8/8

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

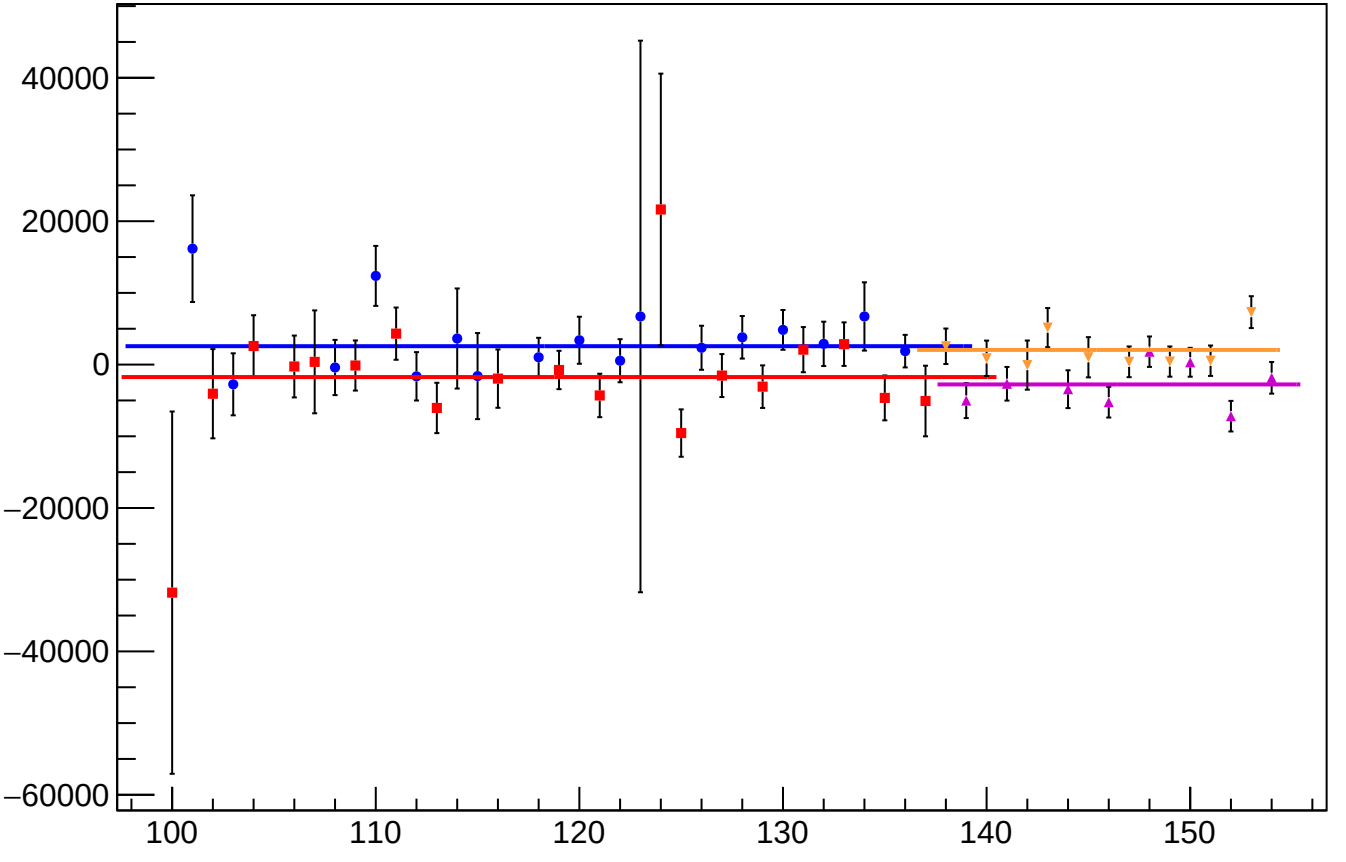
Left In: 611.799+/-0.180 χ^2/NDF:1680857.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 595.308+/-0.125 χ^2/NDF: 3358646.7/16

- 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: 2046.271+/-805.469 χ^2/NDF:9.4/8

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

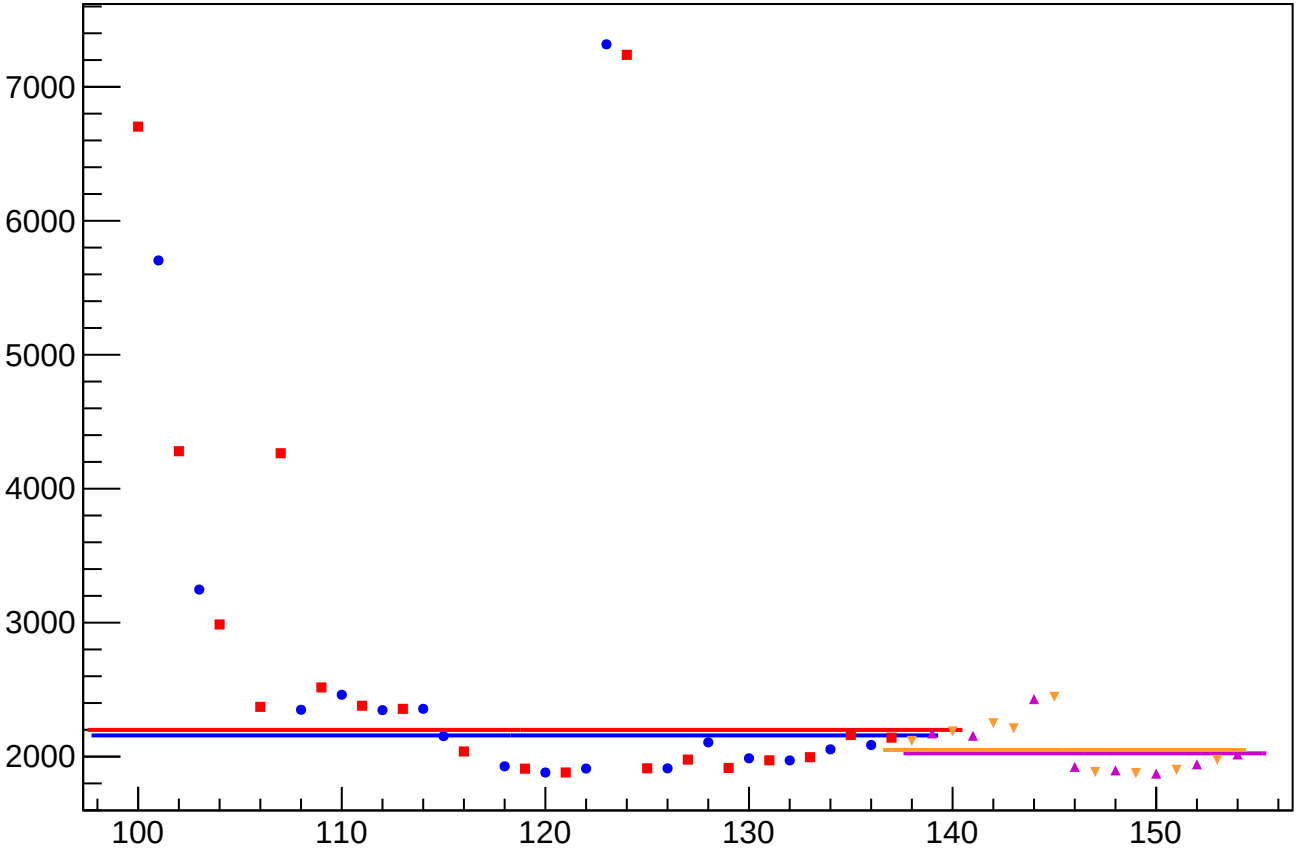
Left In: -2766.669+/-789.526 χ^2/NDF:13.7/7

+ sign 2290.691+/-586.632 χ^2/NDF: 25.2/25

All: -28.765+/-412.259 χ^2/NDF: 91.0/52

- sign -2291.990+/-579.478 χ^2/NDF: 35.0/26

asym_at1_avg_rms vs Slug



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

Left Out: 2049.579+/-0.570 χ^2/NDF:98719.3/8

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

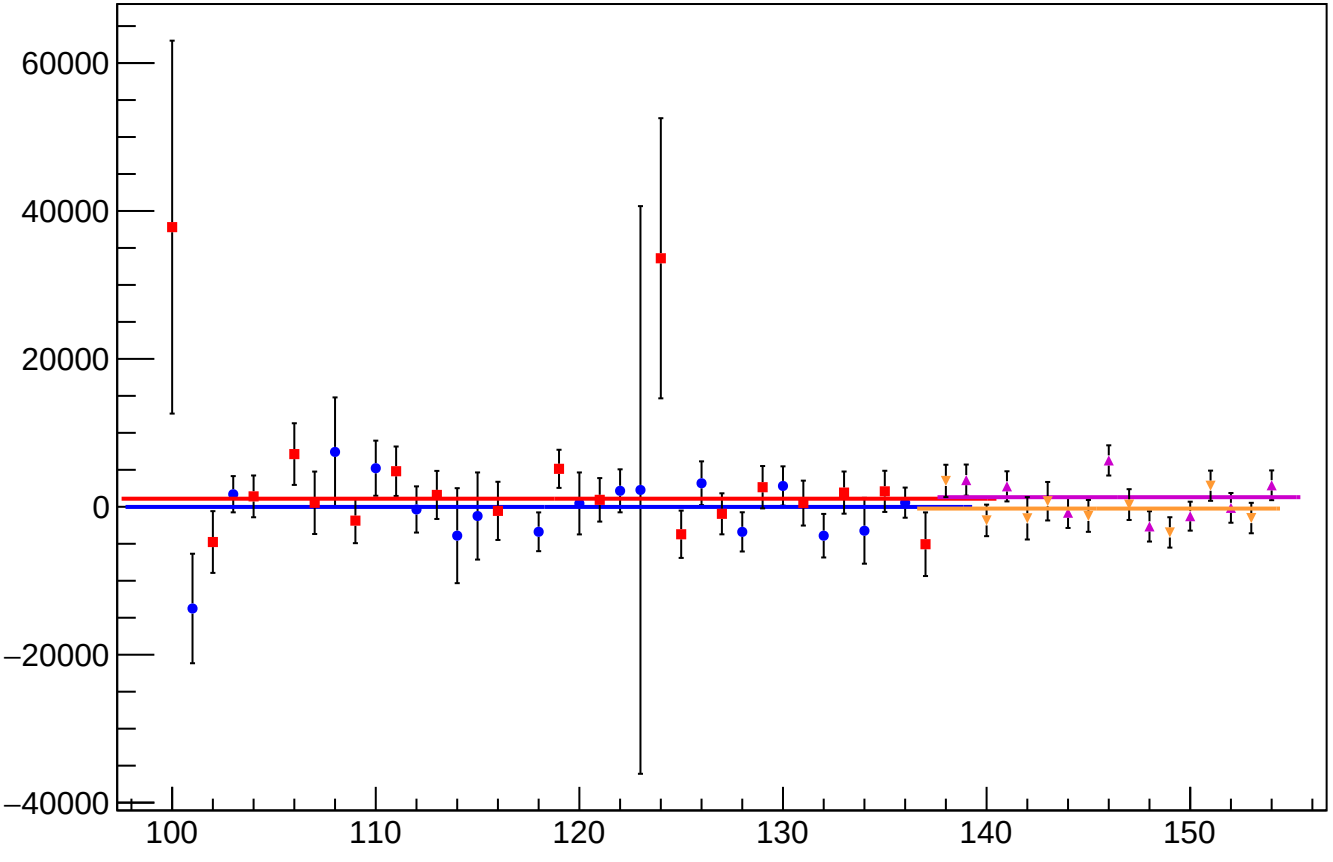
Left In: 2024.409+/-0.558 χ^2/NDF:86781.2/7

+ sign 2100.559+/-0.415 χ^2/NDF: 829644.0/25

All: 2102.861+/-0.292 χ^2/NDF: 1764801.9/52

- sign 2105.108+/-0.410 χ^2/NDF: 935097.1/26

dit_asym_at1_dd_mean vs Slug



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

Left Out: -239.012+/-733.588 χ^2/NDF:9.3/8

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

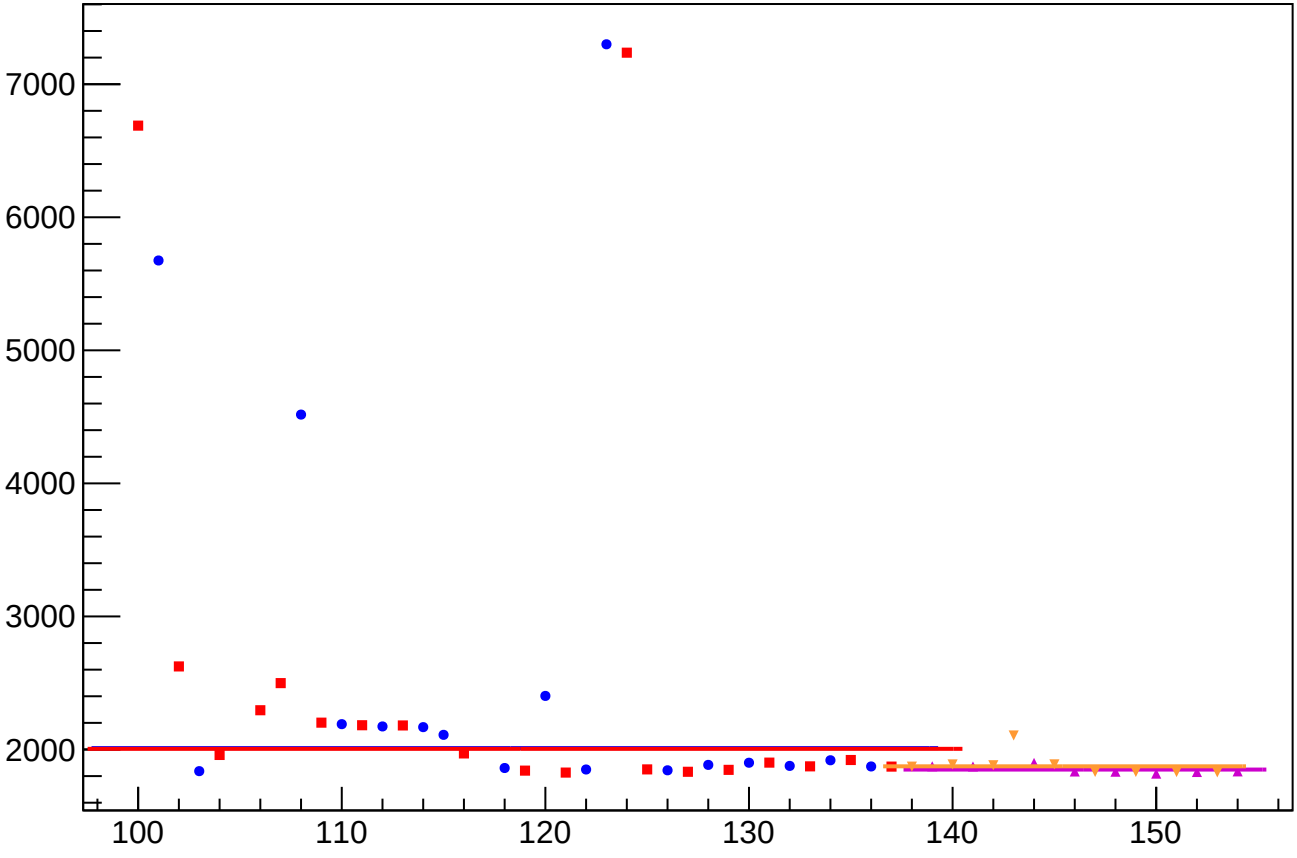
Left In: 1300.780+/-718.692 χ^2/NDF:15.3/7

+ sign -138.377+/-541.115 χ^2/NDF: 25.2/25

All: 553.292+/-376.913 χ^2/NDF: 63.0/52

- sign 1205.138+/-525.307 χ^2/NDF: 34.7/26

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1873.474+/-0.519 χ^2/NDF:19621.4/8

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

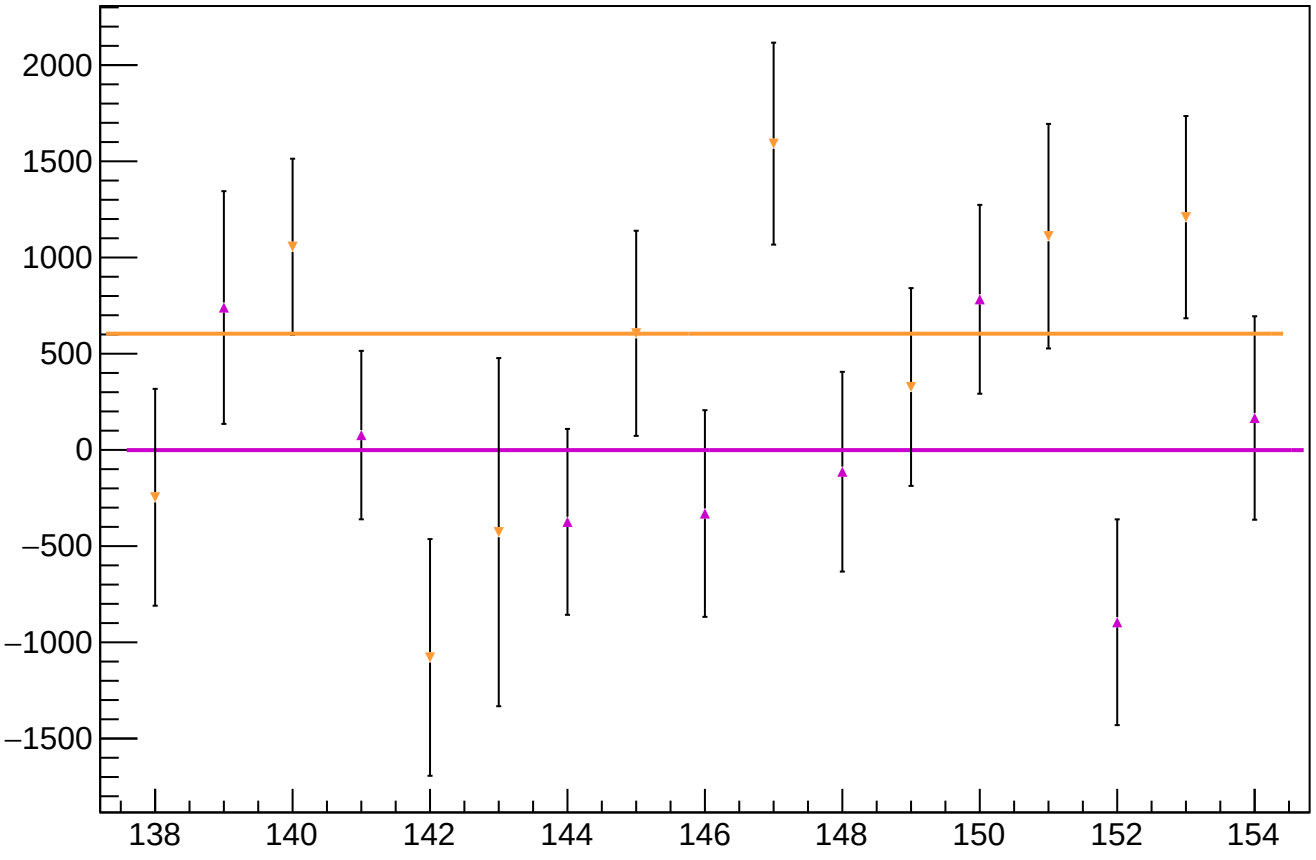
Left In: 1849.052+/-0.508 χ^2/NDF:2674.6/7

+ sign 1935.841+/-0.383 χ^2/NDF: 891075.4/25

All: 1928.526+/-0.267 χ^2/NDF: 1305766.1/52

- sign 1921.631+/-0.371 χ^2/NDF: 413980.6/26

asym_at1_dd_correction_mean vs Slug



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

Left Out: 604.128+/-184.791 χ^2/NDF:17.9/8

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

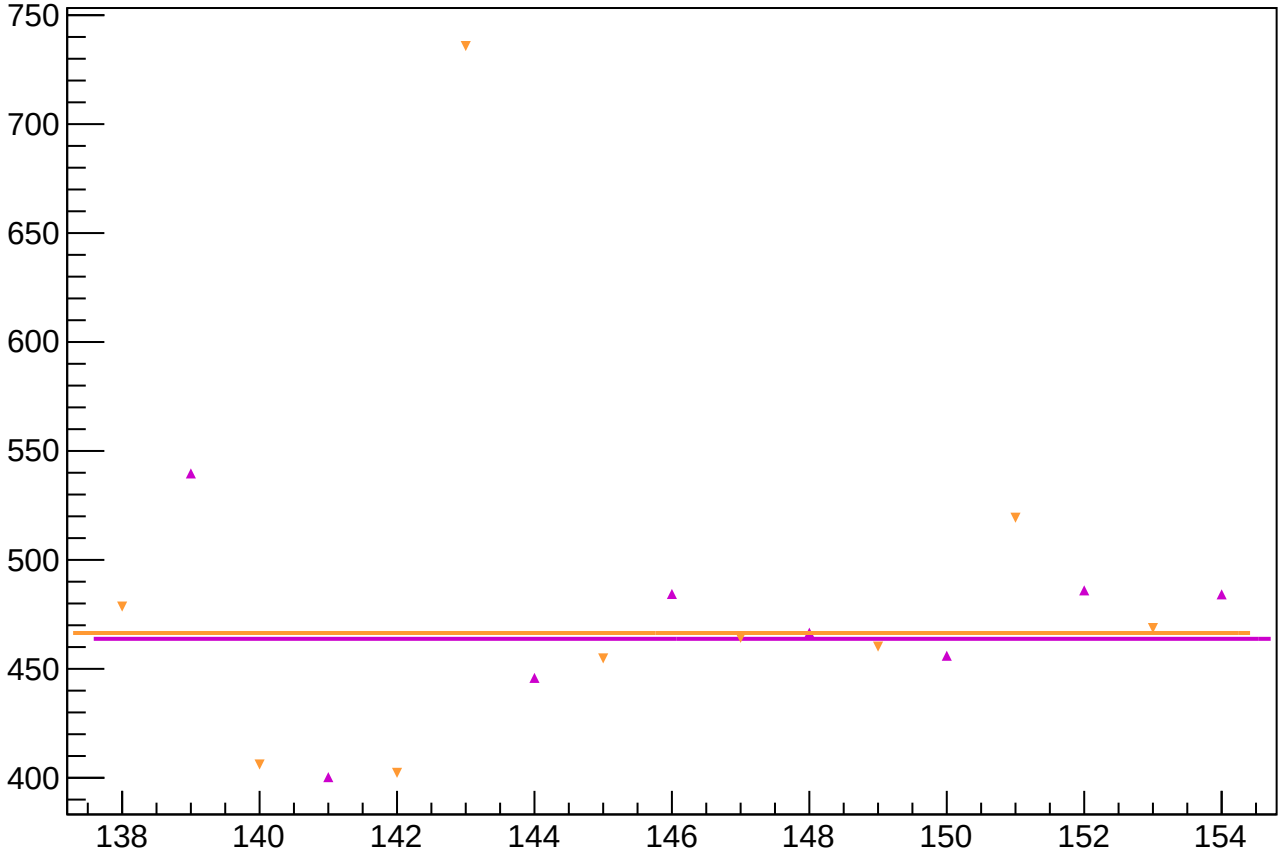
Left In: -1.029+/-180.649 χ^2/NDF:8.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 294.692+/-129.178 χ^2/NDF: 31.4/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_at1_dd_correction_rms vs Slug



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

Left Out: 466.457+/-0.131 χ^2/NDF:252581.3/8

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

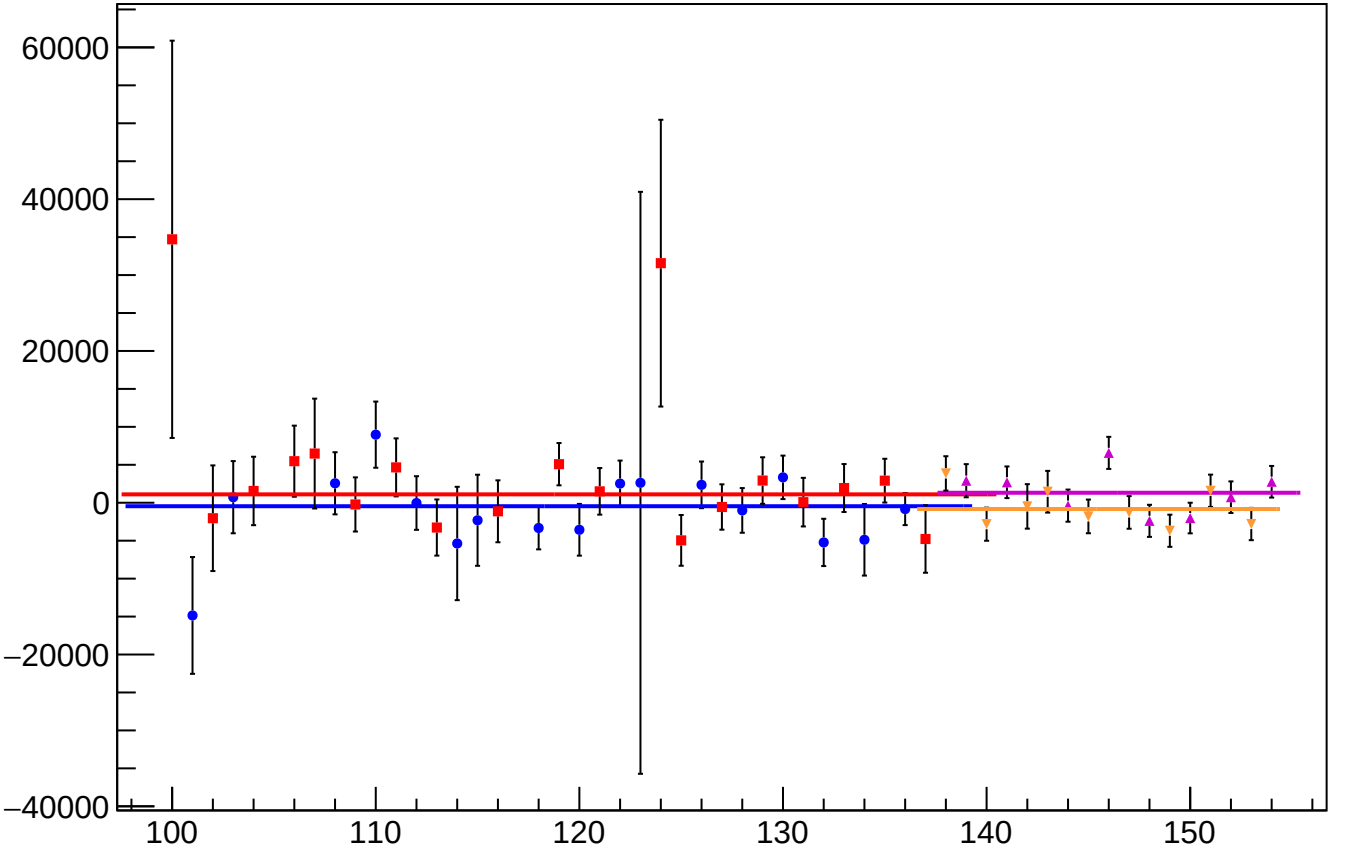
Left In: 463.782+/-0.128 χ^2/NDF:86259.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 465.089+/-0.091 χ^2/NDF: 339054.8/16

- 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: -828.251+/-758.522 χ^2/NDF:10.0/8

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

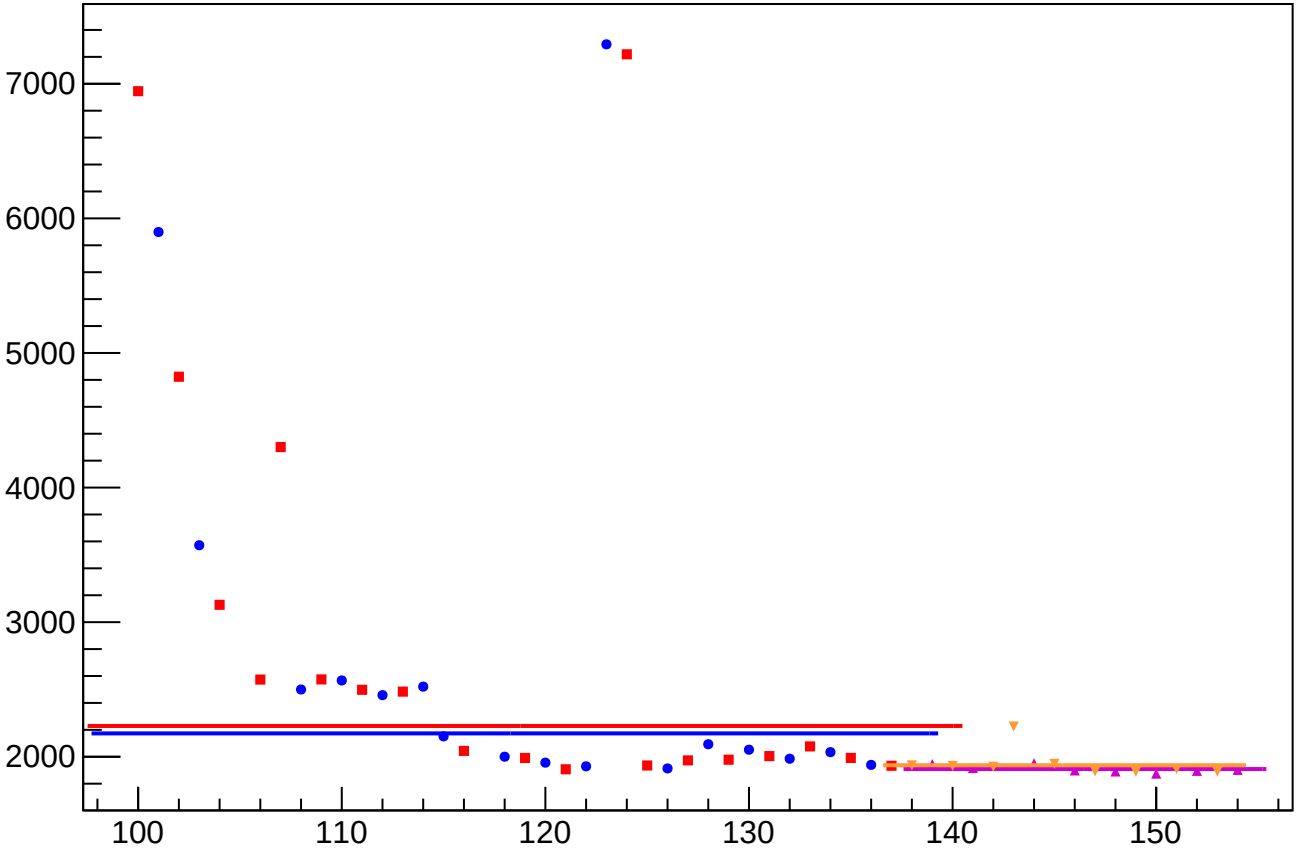
Left In: 1315.233+/-741.808 χ^2/NDF:14.1/7

+ sign -667.471+/-570.351 χ^2/NDF: 28.2/25

All: 290.430+/-400.925 χ^2/NDF: 64.9/52

- sign 1226.106+/-563.695 χ^2/NDF: 31.1/26

asym_at1_dd_rms vs Slug



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

Left Out: 1937.009+/-0.536 χ^2/NDF:25267.9/8

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

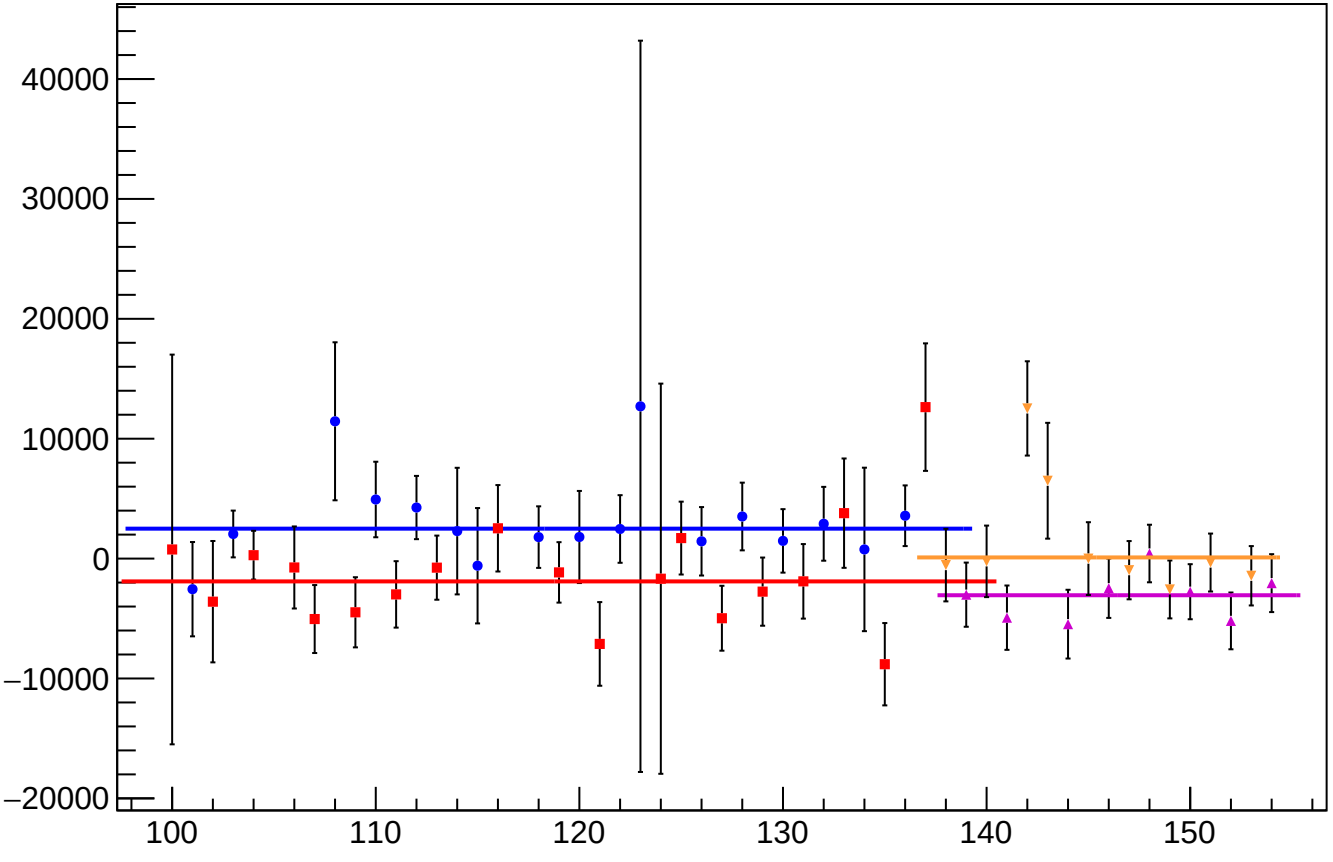
Left In: 1908.745+/-0.525 χ^2/NDF:2302.2/7

+ sign 2039.803+/-0.403 χ^2/NDF: 915142.5/25

All: 2041.940+/-0.283 χ^2/NDF: 1970775.8/52

- sign 2044.028+/-0.399 χ^2/NDF: 1055577.8/26

dit_asym_at2_avg_mean vs Slug



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

Left Out: 96.892+/-948.062 χ^2/NDF:13.6/8

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

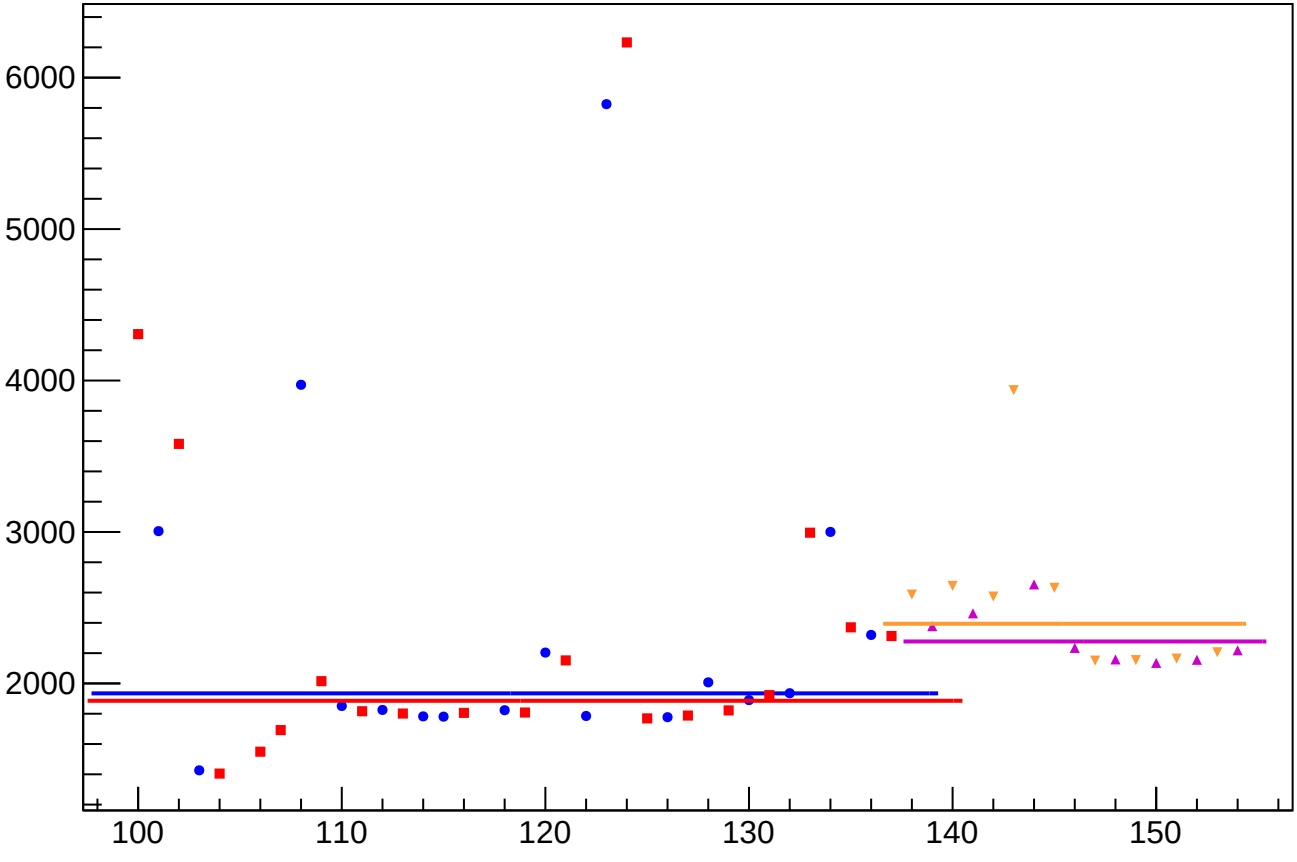
Left In: -3057.037+/-885.288 χ^2/NDF:4.4/7

+ sign 1545.365+/-596.902 χ^2/NDF: 23.4/25

All: -517.944+/-410.834 χ^2/NDF: 74.9/52

- sign -2375.231+/-566.318 χ^2/NDF: 28.8/26

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2394.021+/-0.670 χ^2/NDF:311888.8/8

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

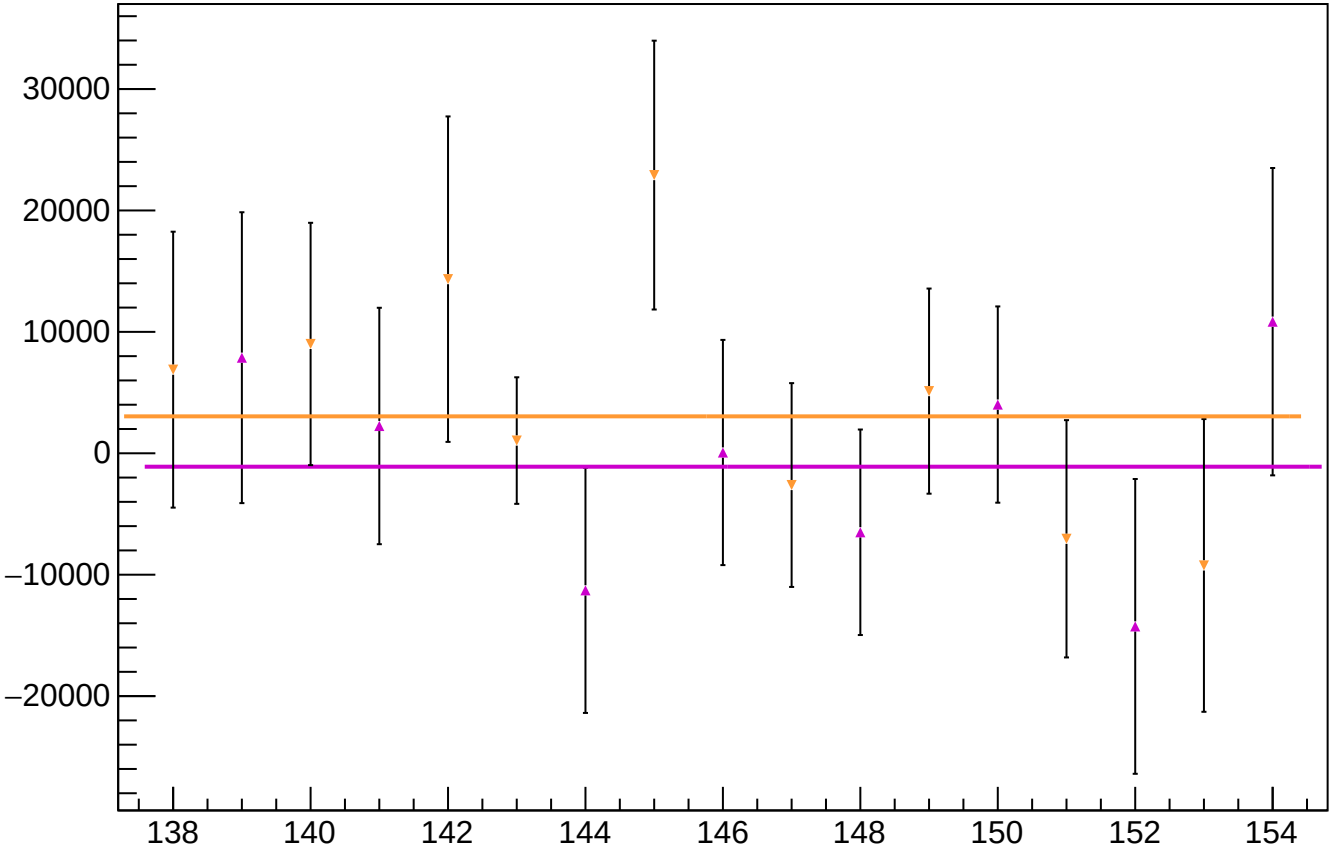
Left In: 2277.072+/-0.626 χ^2/NDF:66368.5/7

+ sign 2116.595+/-0.422 χ^2/NDF: 1234534.9/25

All: 2079.297+/-0.290 χ^2/NDF: 2298971.9/52

- sign 2045.730+/-0.400 χ^2/NDF: 1049599.9/26

asym_at2_avg_correction_mean vs Slug



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

Left Out: 3041.757+/-2963.288 χ^2/NDF:7.2/8

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

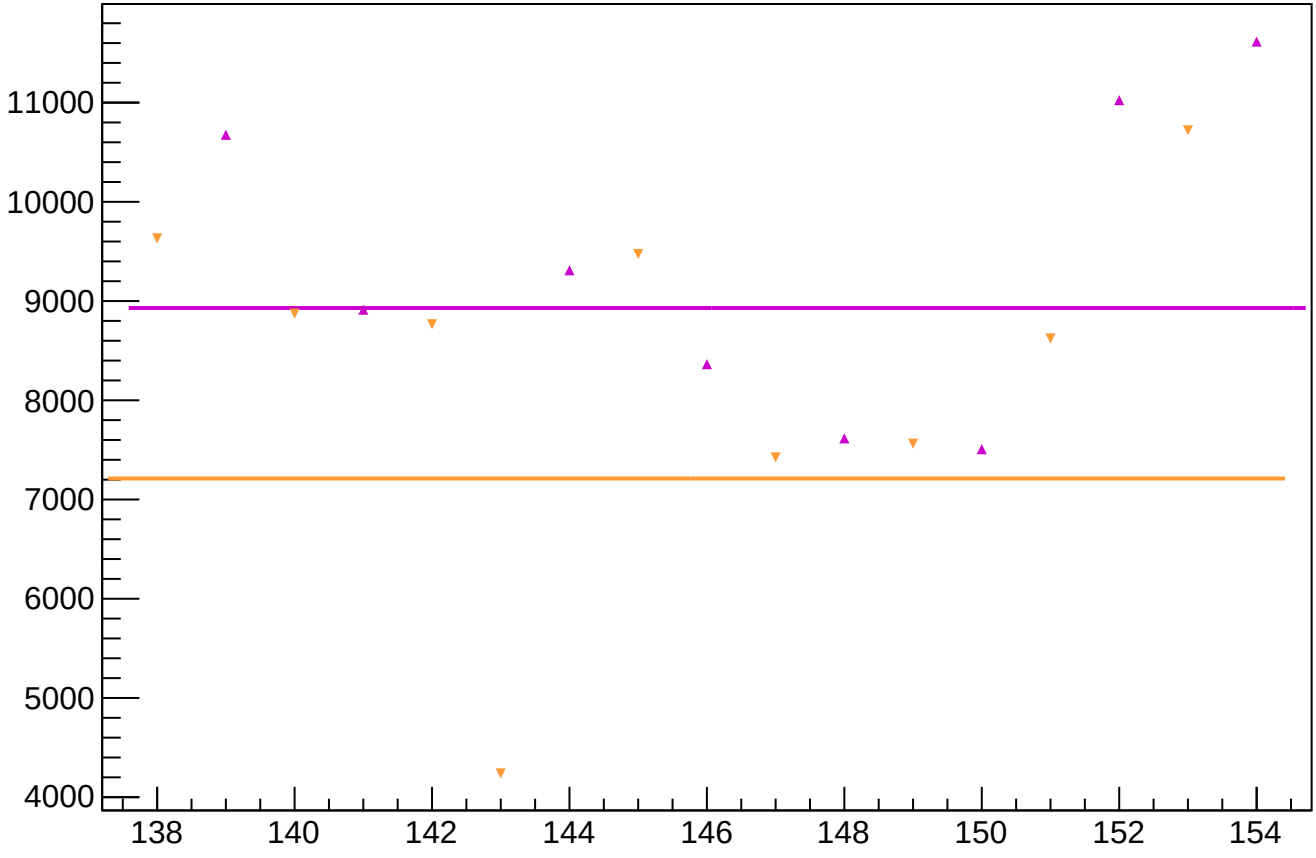
Left In: -1104.905+/-3508.334 χ^2/NDF:4.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1315.202+/-2263.820 χ^2/NDF: 12.6/16

- 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: 7211.826+/-2.095 χ^2/NDF:1122972.9/8

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

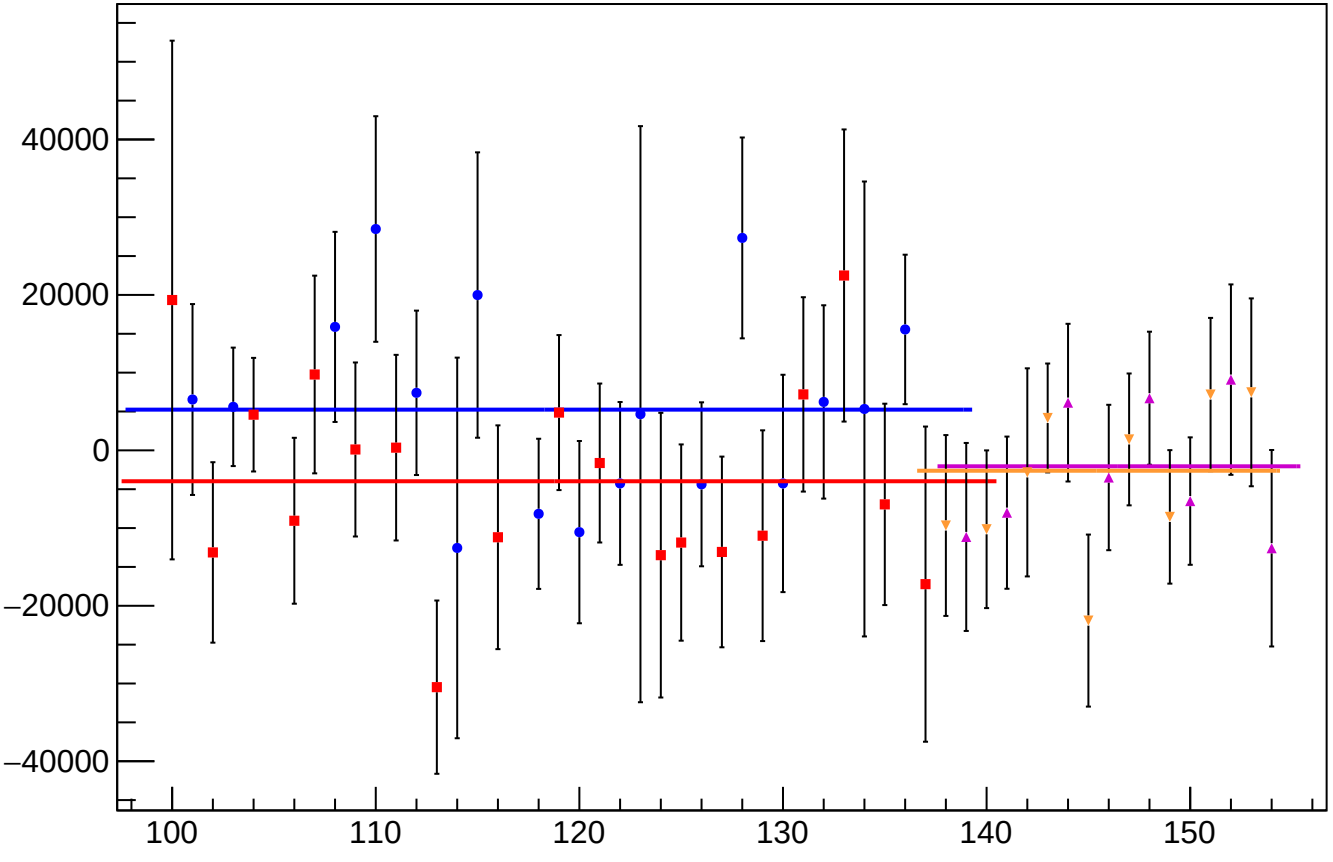
Left In: 8929.899+/-2.481 χ^2/NDF:312518.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7927.184+/-1.601 χ^2/NDF: 1715420.3/16

- 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: -2623.106+/-3230.961 χ^2/NDF:7.3/8

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

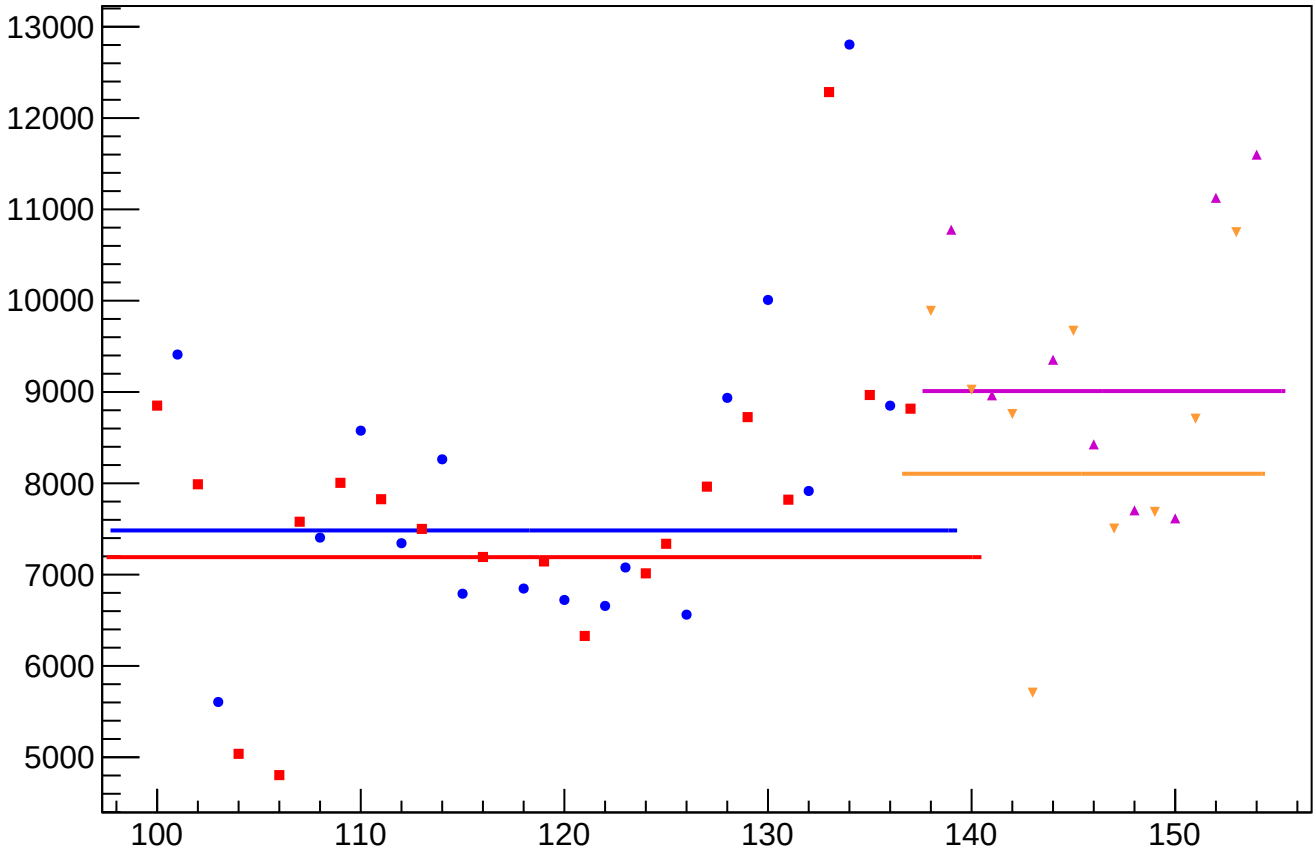
Left In: -2051.524+/-3538.770 χ^2/NDF:4.5/7

+ sign 1669.418+/-2176.989 χ^2/NDF: 25.0/25

All: -768.473+/-1544.350 χ^2/NDF: 47.8/52

- sign -3238.208+/-2191.160 χ^2/NDF: 20.3/26

asym_at2_avg_rms vs Slug



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

Left Out: 8104.656+/-2.285 χ^2/NDF:460528.3/8

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

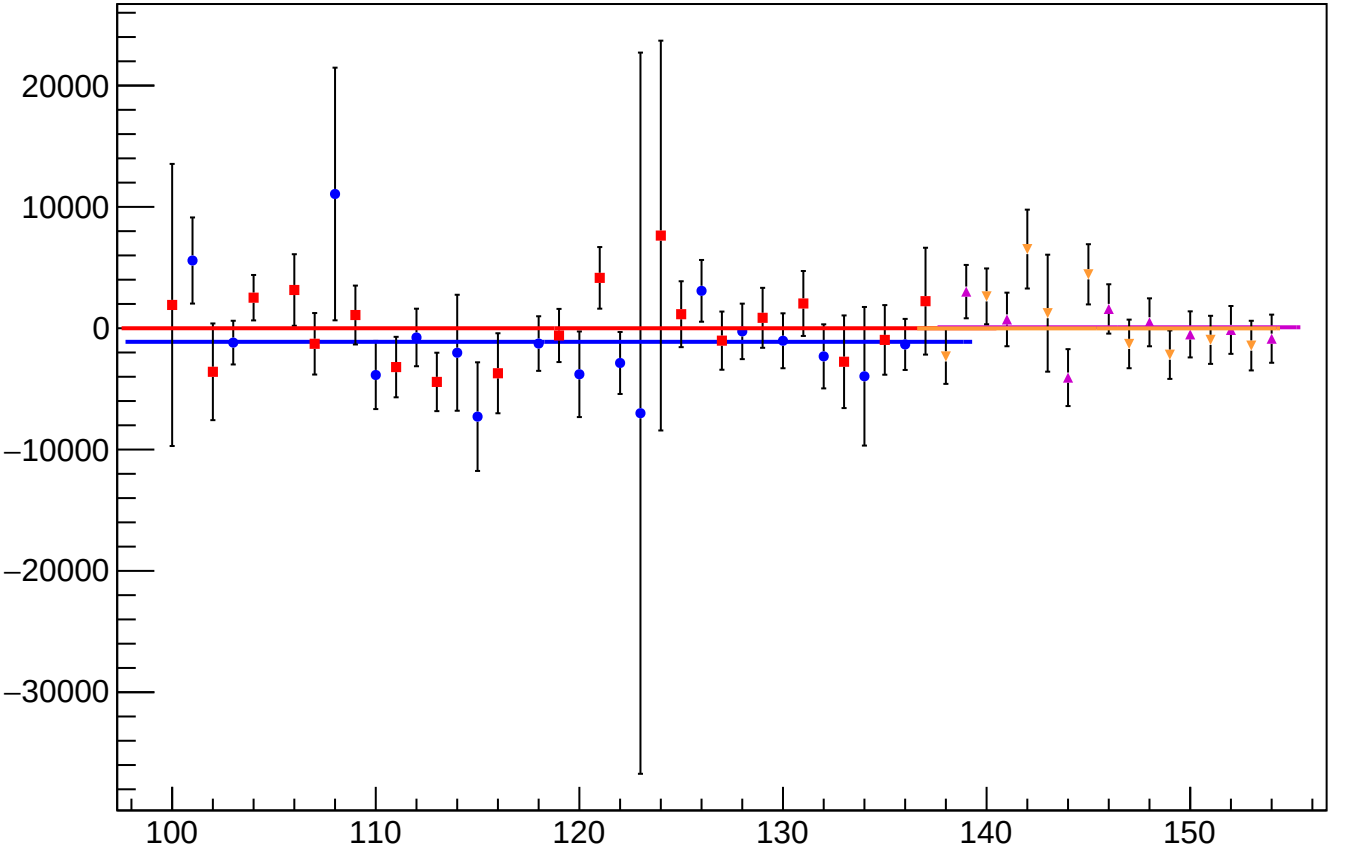
Left In: 9010.276+/-2.502 χ^2/NDF:300801.0/7

+ sign 7765.648+/-1.539 χ^2/NDF: 932659.8/25

All: 7826.762+/-1.092 χ^2/NDF: 2121192.2/52

- sign 7888.665+/-1.549 χ^2/NDF: 1185359.7/26

dit_asym_at2_dd_mean vs Slug



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

Left Out: -12.346+/-771.935 χ^2/NDF:12.0/8

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

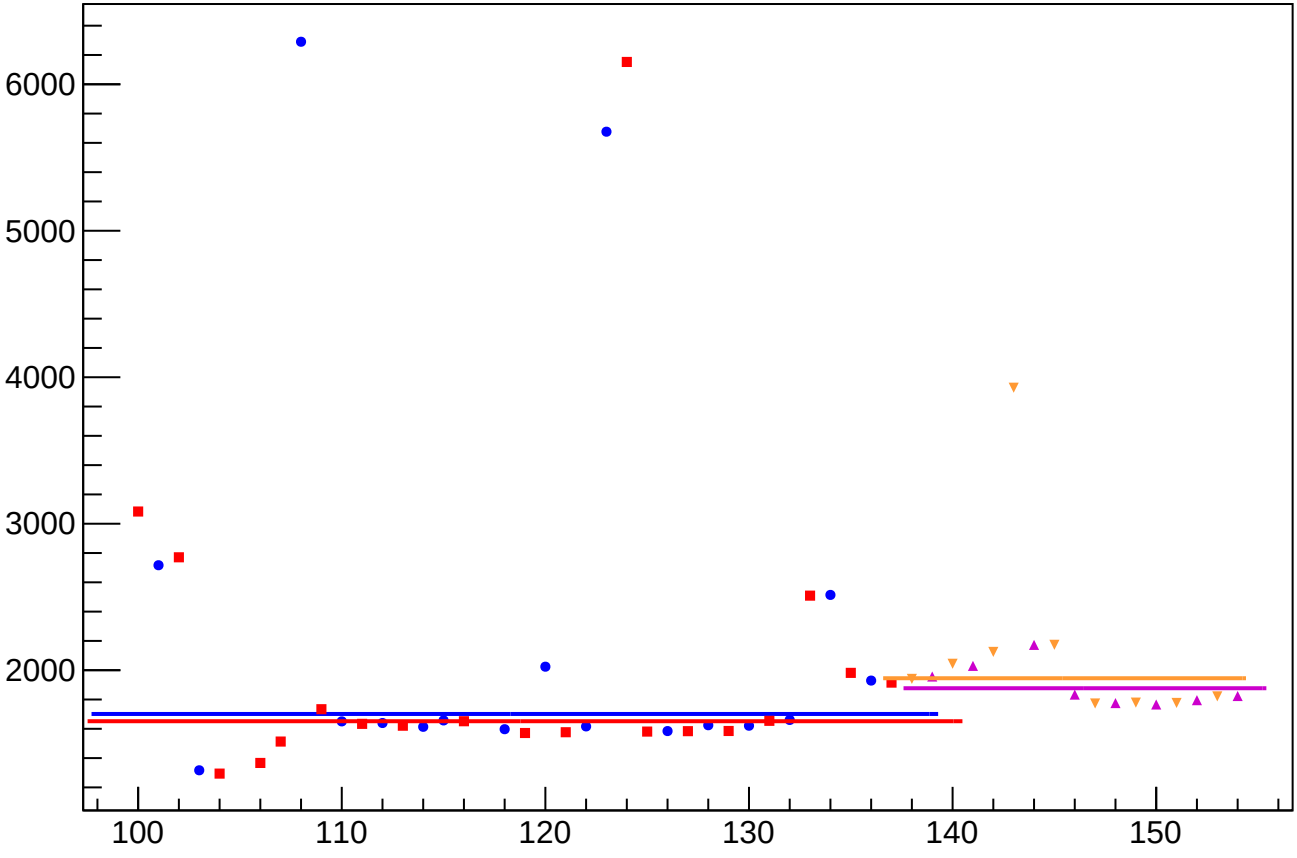
Left In: 77.821+/-729.285 χ^2/NDF:5.9/7

+ sign -636.980+/-509.902 χ^2/NDF: 25.4/25

All: -282.704+/-349.851 χ^2/NDF: 47.7/52

- sign 32.417+/-480.899 χ^2/NDF: 21.4/26

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1945.189+/-0.546 χ^2/NDF:415764.8/8

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

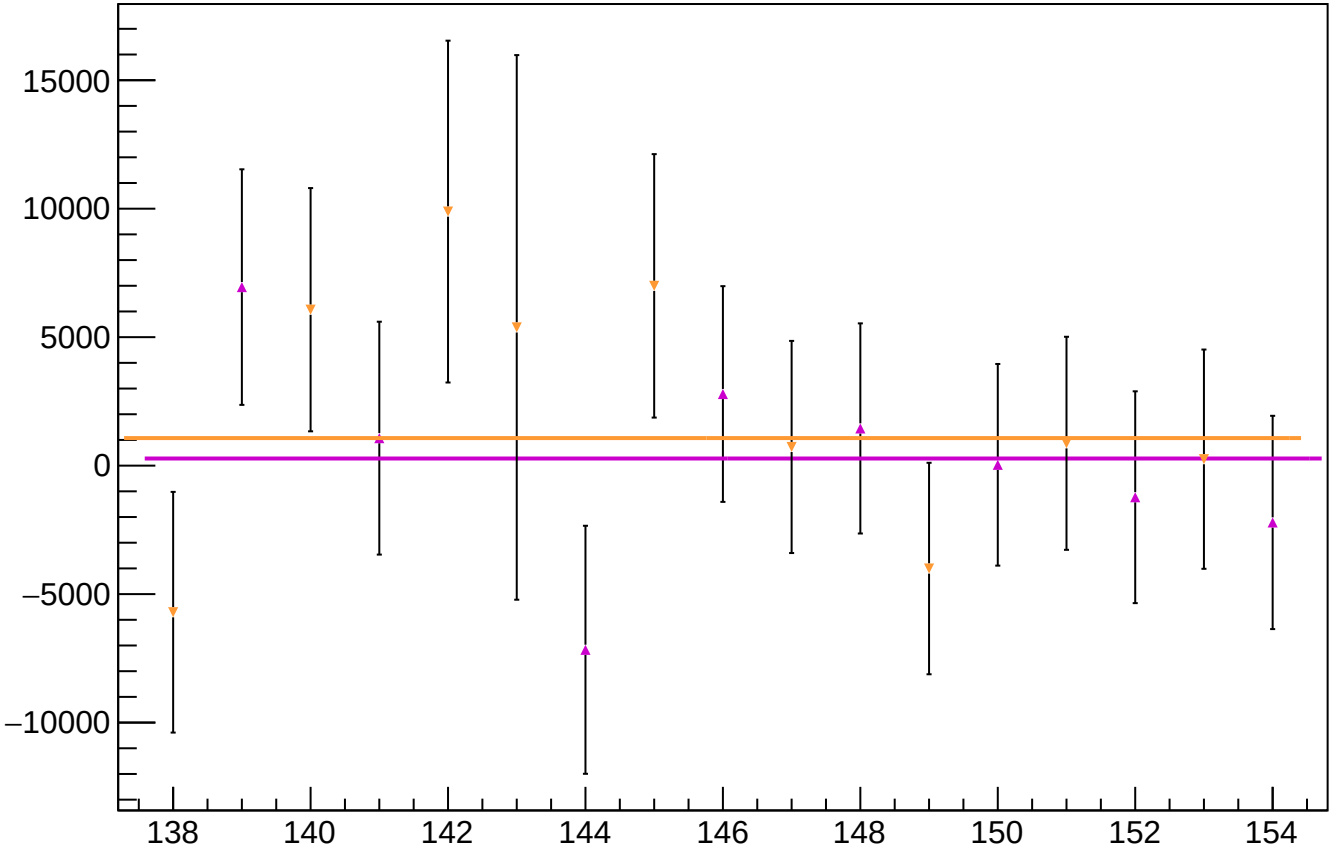
Left In: 1876.939+/-0.516 χ^2/NDF:61906.6/7

+ sign 1807.705+/-0.361 χ^2/NDF: 1307032.9/25

All: 1776.984+/-0.247 χ^2/NDF: 2079289.3/52

- sign 1749.658+/-0.340 χ^2/NDF: 758538.7/26

asym_at2_dd_correction_mean vs Slug



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

Left Out: 1072.223+/-1600.012 χ^2/NDF:8.0/8

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

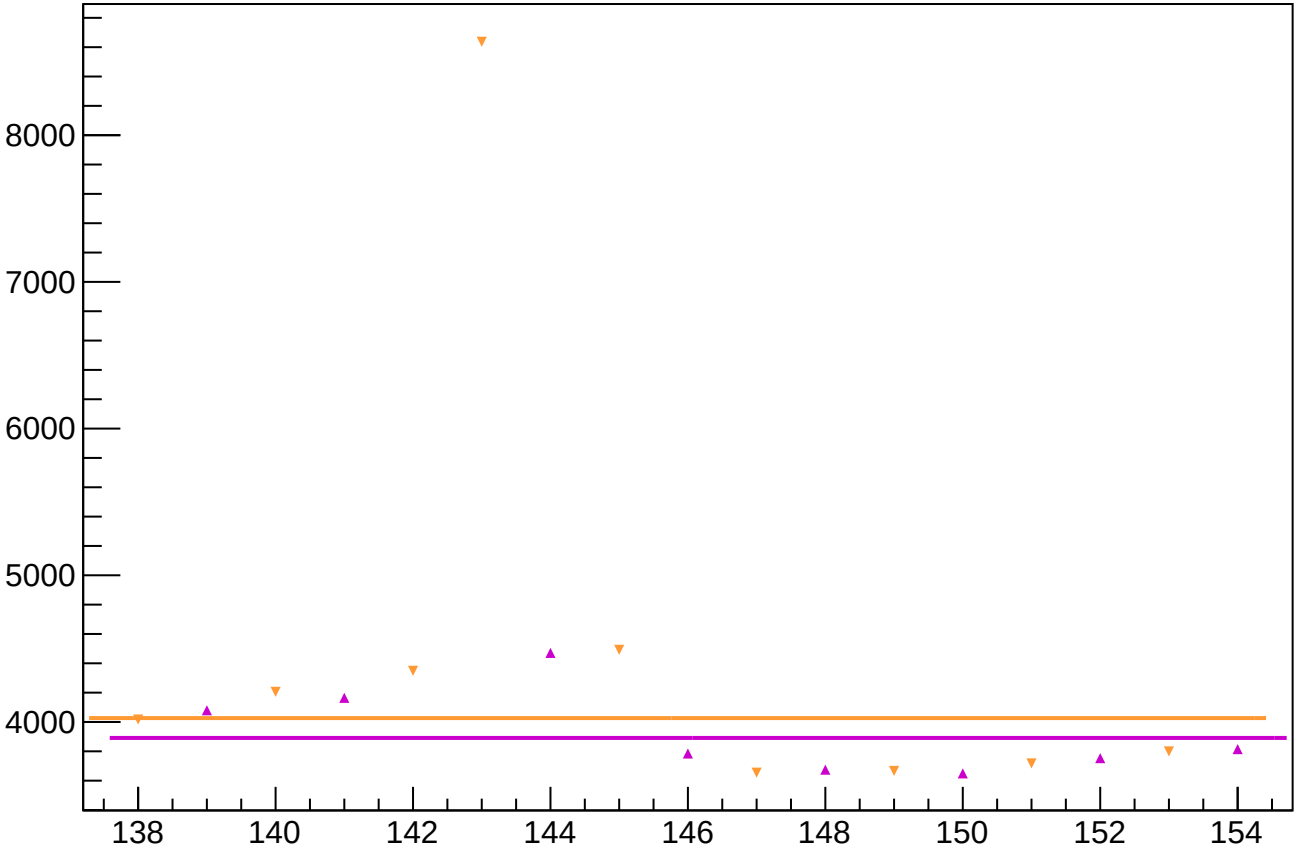
Left In: 277.171+/-1511.665 χ^2/NDF:5.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 652.142+/-1098.814 χ^2/NDF: 13.6/16

- 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: 4026.539+/-1.131 χ^2/NDF:450882.3/8

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

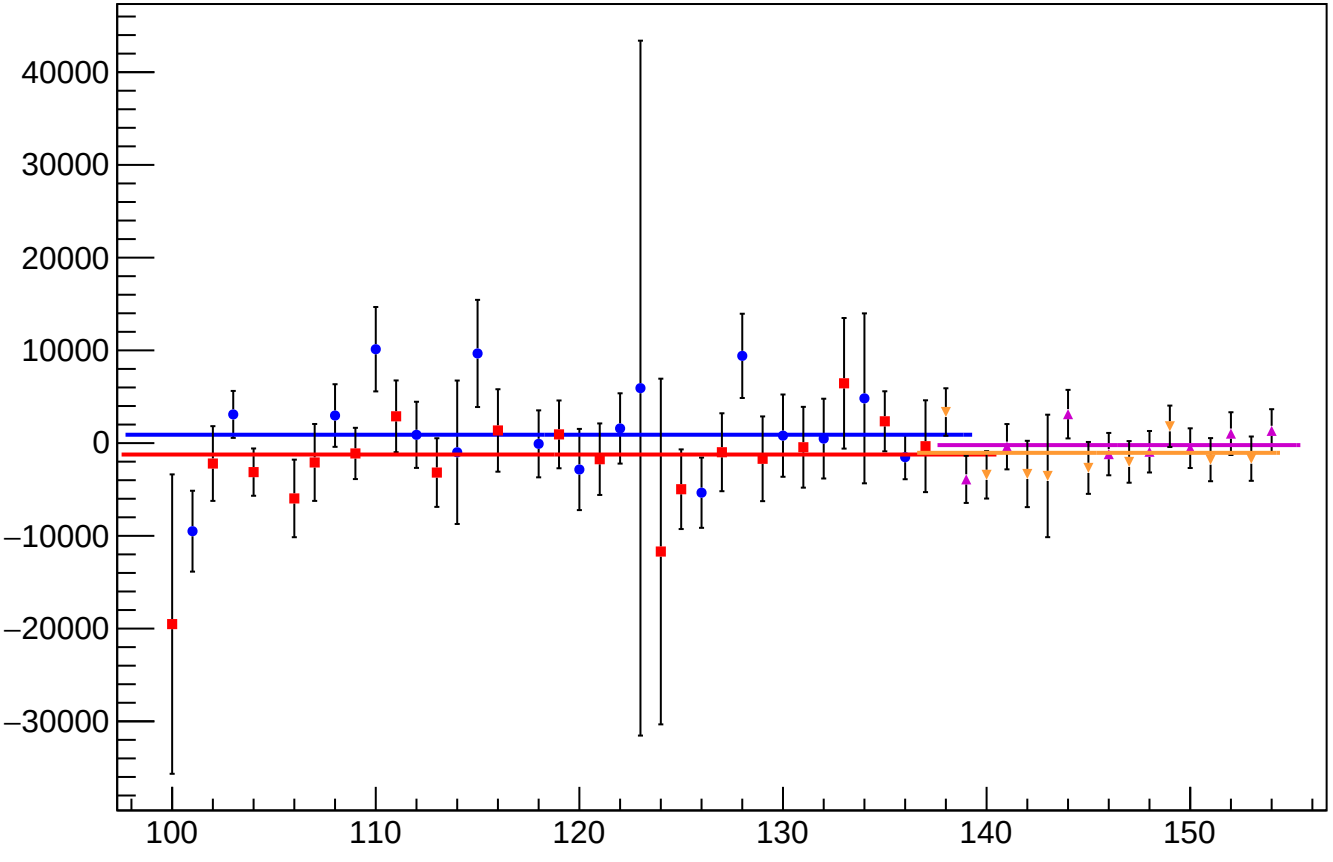
Left In: 3891.242+/-1.069 χ^2/NDF:56884.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3955.052+/-0.777 χ^2/NDF: 515323.3/16

- 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: -1049.306+/-879.229 χ^2/NDF:6.7/8

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

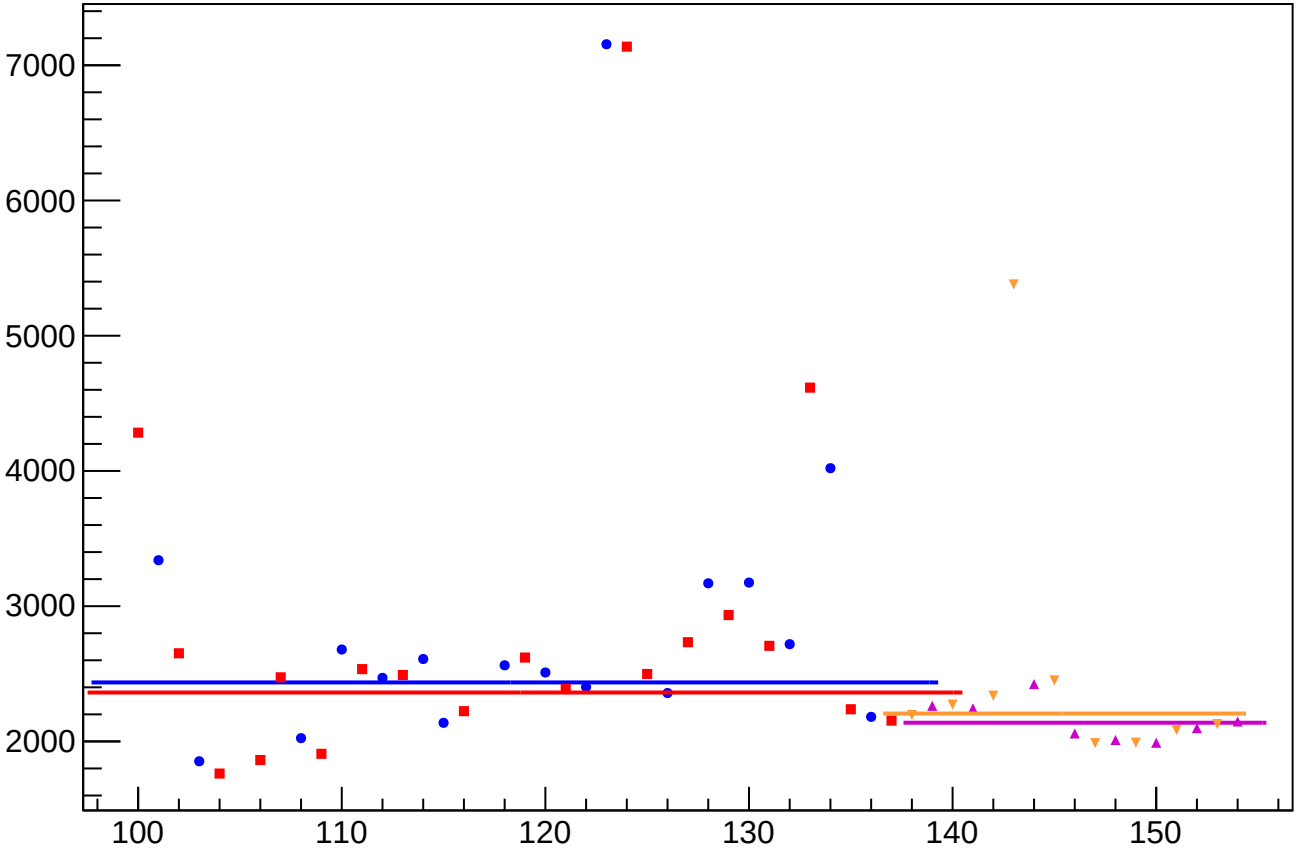
Left In: -214.654+/-830.545 χ^2/NDF:4.8/7

+ sign -160.533+/-648.976 χ^2/NDF: 30.5/25

All: -426.821+/-447.541 χ^2/NDF: 45.2/52

- sign -668.292+/-617.997 χ^2/NDF: 14.3/26

asym_at2_dd_rms vs Slug



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

Left Out: 2206.134+/-0.622 χ^2/NDF:526609.8/8

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

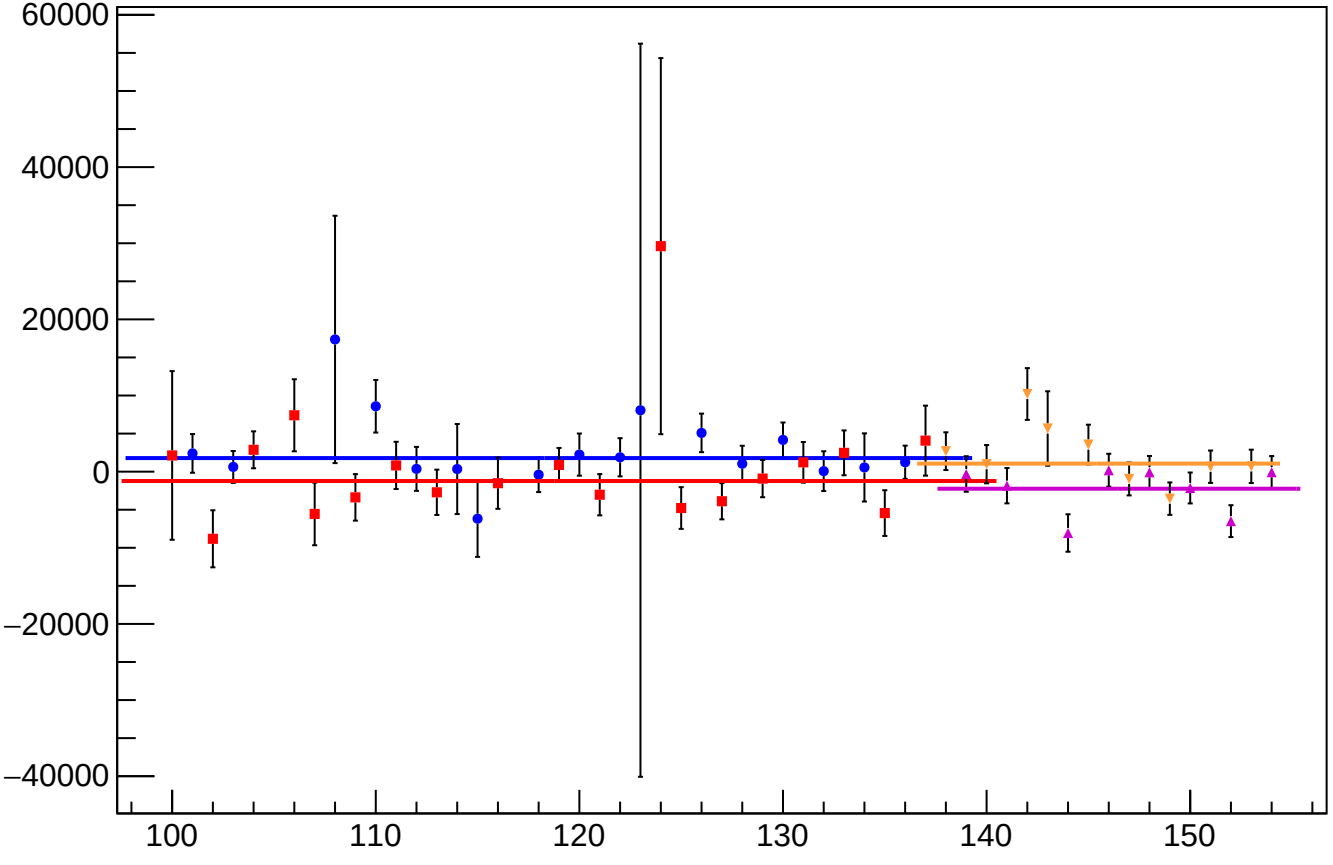
Left In: 2138.278+/-0.587 χ^2/NDF:51548.3/7

+ sign 2310.881+/-0.459 χ^2/NDF: 1057525.3/25

All: 2272.626+/-0.316 χ^2/NDF: 1842686.5/52

- sign 2237.937+/-0.437 χ^2/NDF: 771910.2/26

dit_asym_atl_avg_mean vs Slug



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

Left Out: 1055.294+/-827.764 χ^2/NDF:15.1/8

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

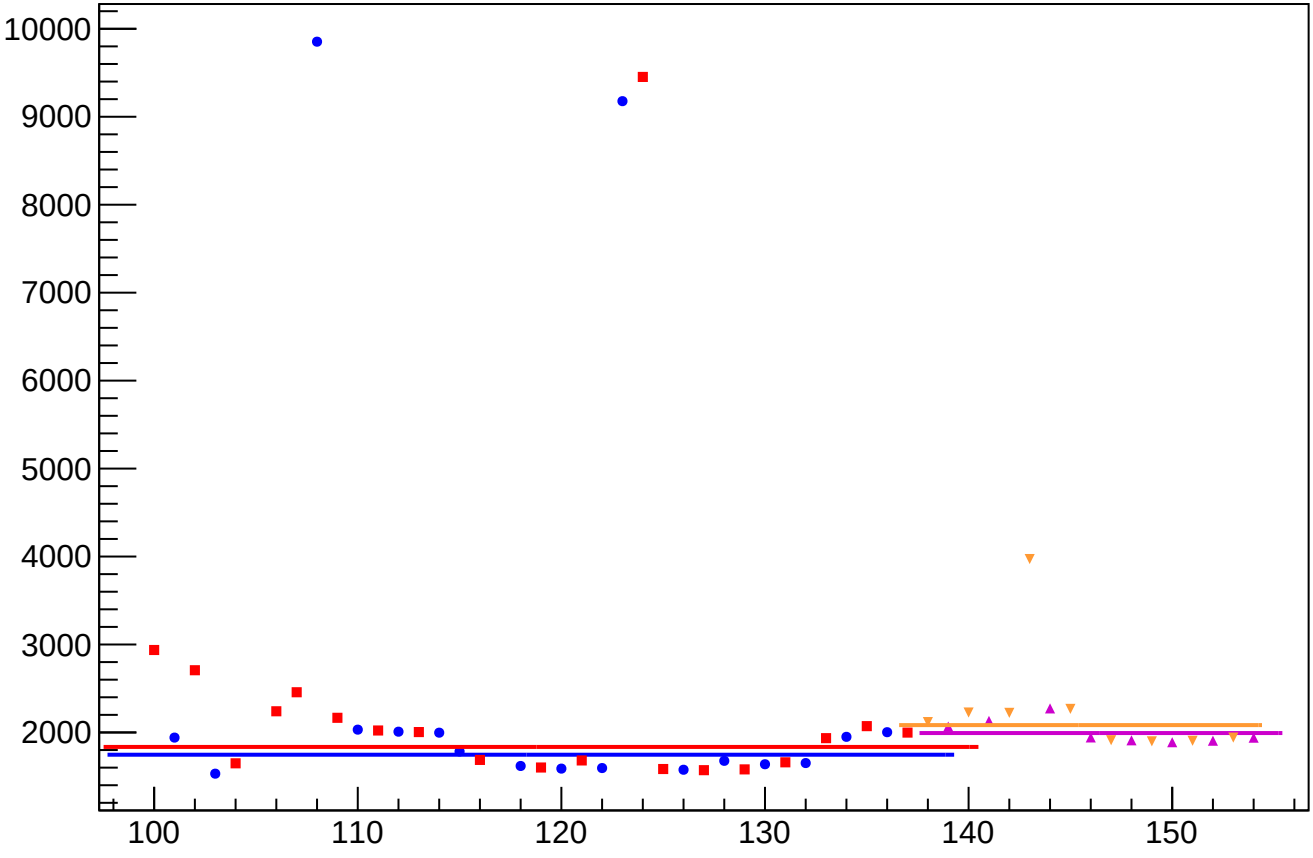
Left In: -2241.585+/-775.618 χ^2/NDF:13.8/7

+ sign 1482.714+/-531.999 χ^2/NDF: 27.9/25

All: -130.558+/-372.945 χ^2/NDF: 85.0/52

- sign -1689.500+/-522.964 χ^2/NDF: 38.9/26

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2083.644+/-0.585 χ^2/NDF:368502.9/8

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

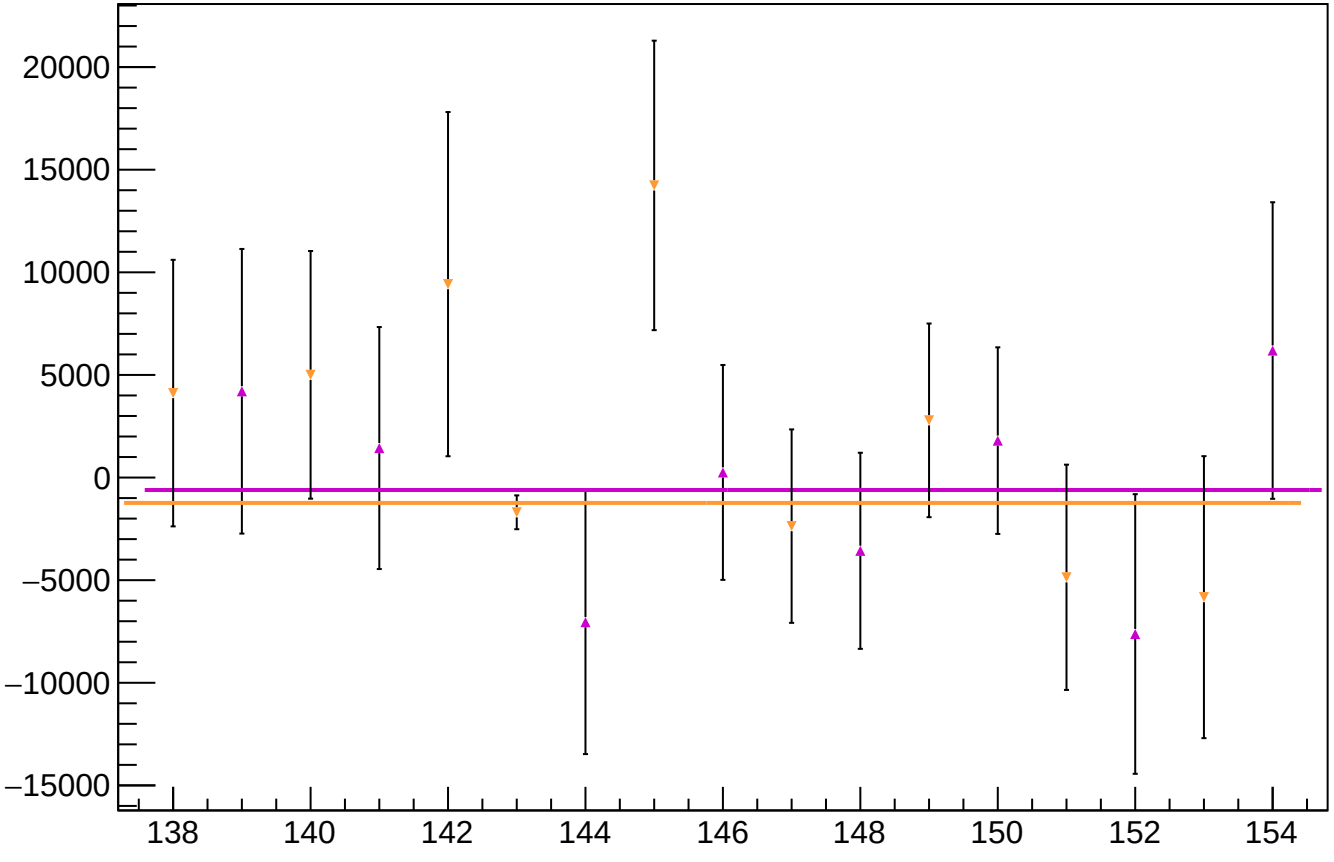
Left In: 1993.244+/-0.548 χ^2/NDF:49057.4/7

+ sign 1885.956+/-0.376 χ^2/NDF: 1245334.2/25

All: 1896.702+/-0.264 χ^2/NDF: 1891614.1/52

- sign 1907.073+/-0.370 χ^2/NDF: 644676.4/26

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1235.184+/-766.621 χ^2/NDF:10.2/8

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

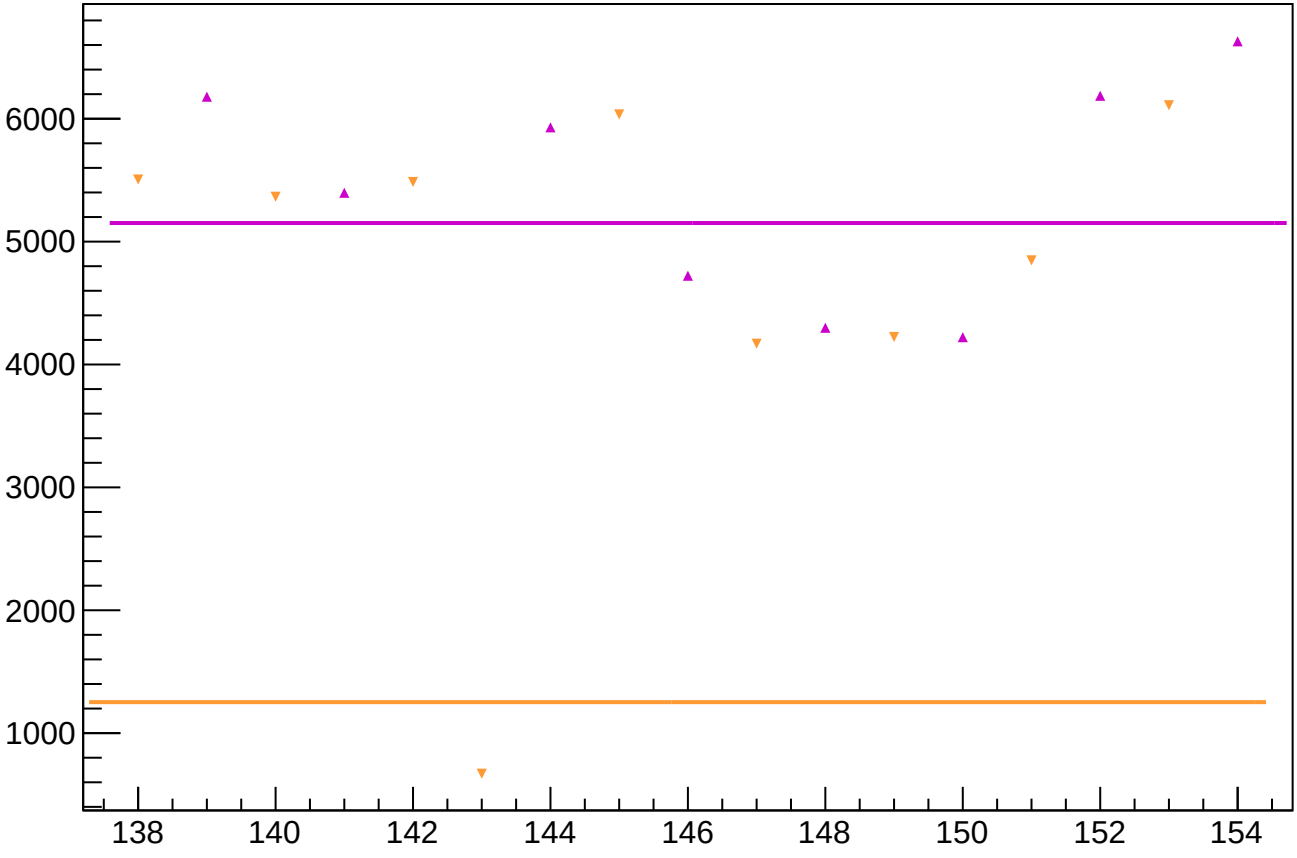
Left In: -607.086+/-2027.924 χ^2/NDF:4.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1156.647+/-717.092 χ^2/NDF: 14.5/16

- 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: 1252.256+/-0.542 χ^2/NDF:7633565.0/8

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

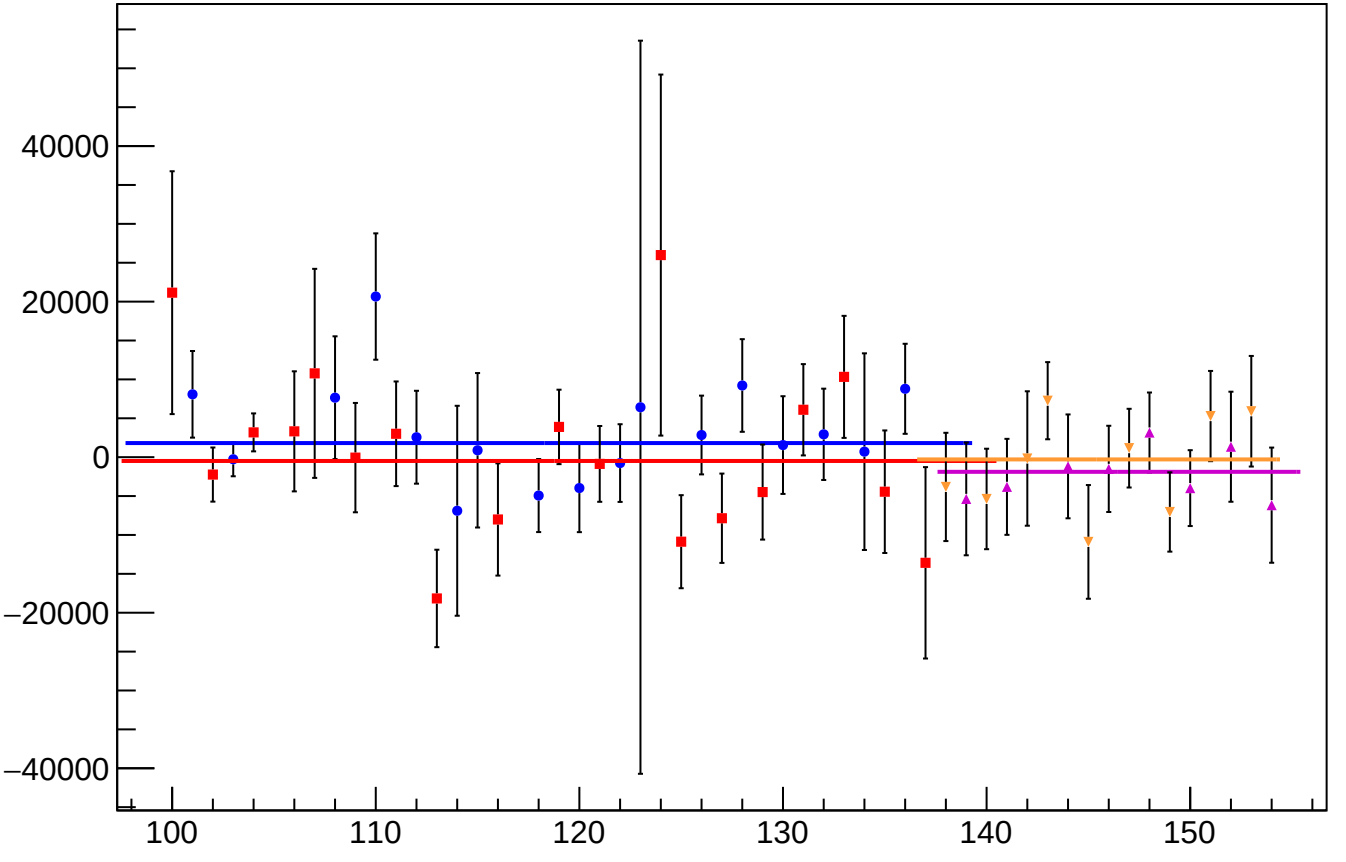
Left In: 5151.407+/-1.434 χ^2/NDF:367420.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1739.804+/-0.507 χ^2/NDF: 14470254.8/1

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_avg_mean vs Slug



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

Left Out: -289.171+/-2022.982 χ^2/NDF:8.8/8

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

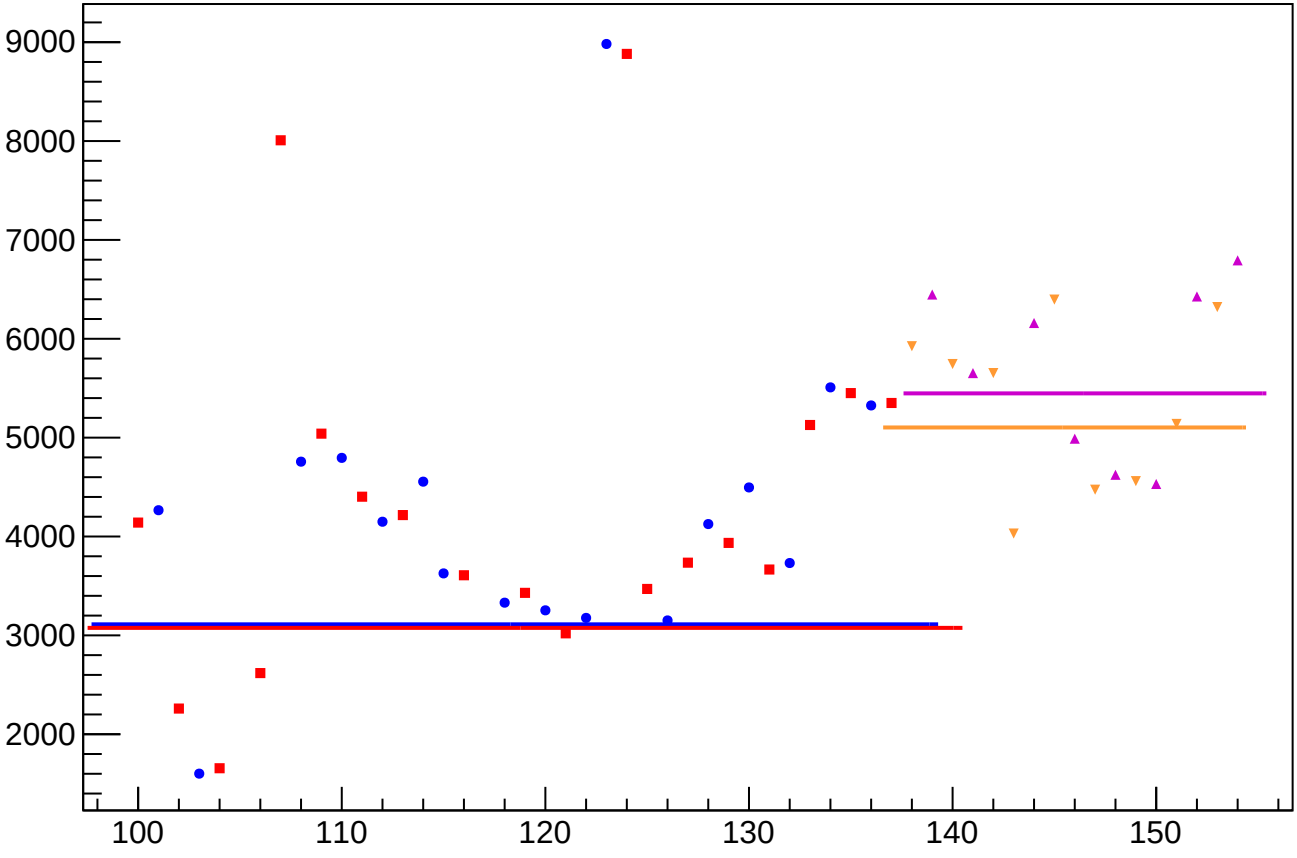
Left In: -1884.101+/-2140.474 χ^2/NDF:2.0/7

+ sign 1198.632+/-1094.433 χ^2/NDF: 24.6/25

All: 177.480+/-776.680 χ^2/NDF: 55.2/52

- sign -858.577+/-1102.392 χ^2/NDF: 28.8/26

asym_atl_avg_rms vs Slug



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

Left Out: 5102.886+/-1.430 χ^2/NDF:324260.9/8

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

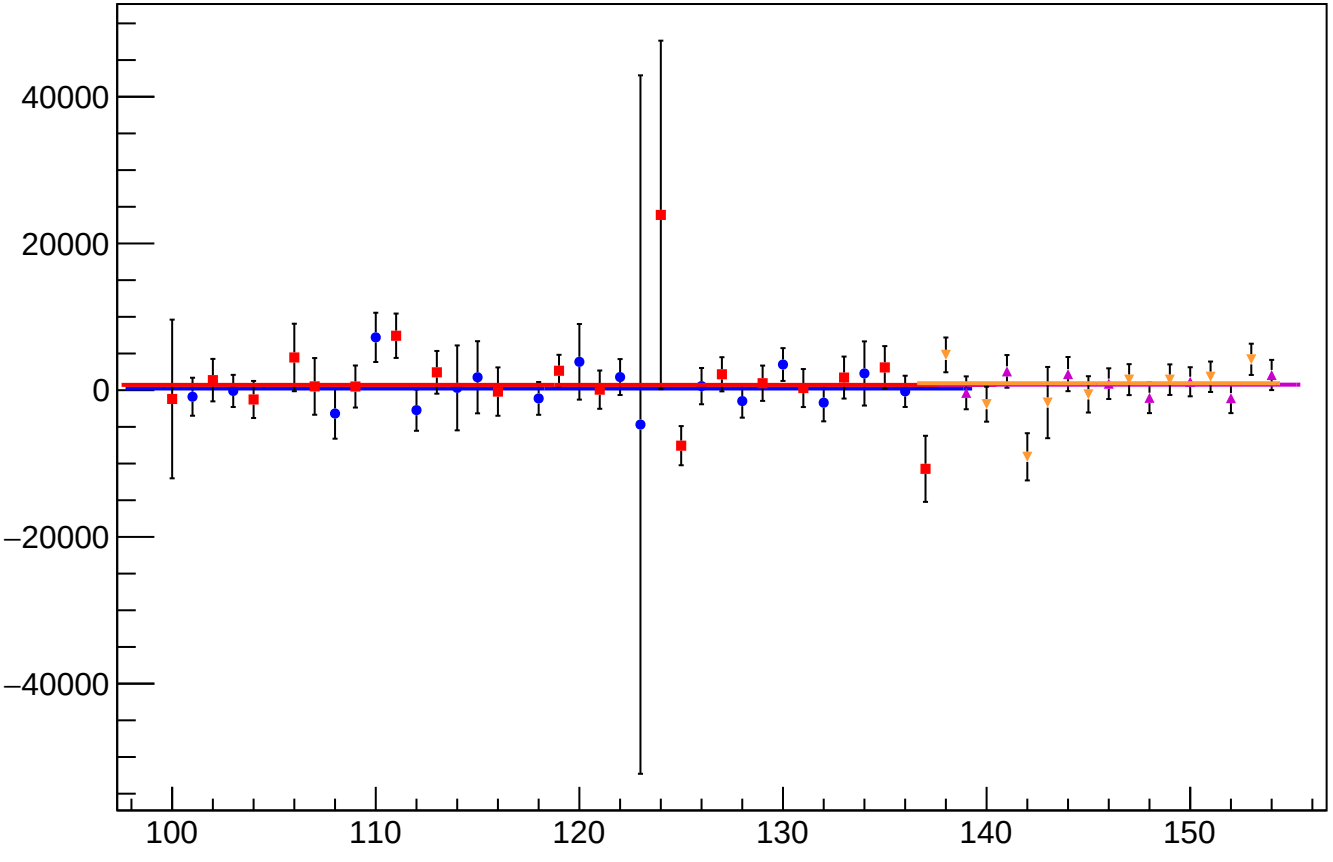
Left In: 5447.716+/-1.514 χ^2/NDF:302859.8/7

+ sign 3694.378+/-0.774 χ^2/NDF: 3573968.6/25

All: 3692.964+/-0.546 χ^2/NDF: 7704721.3/52

- sign 3691.559+/-0.771 χ^2/NDF: 4130746.1/26

dit_asym_atl_dd_mean vs Slug



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

Left Out: 949.945+/-799.619 χ^2/NDF:17.1/8

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

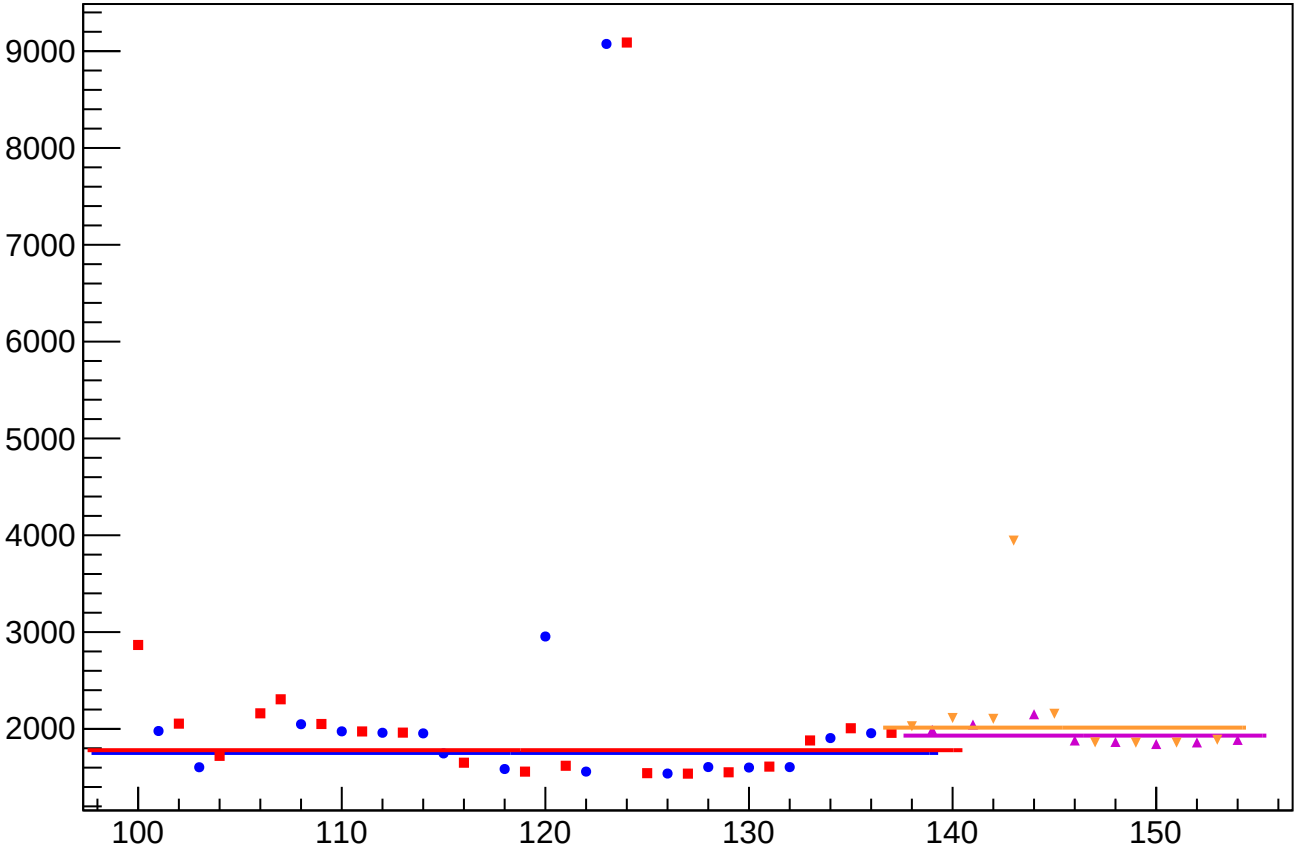
Left In: 754.818+/-750.789 χ^2/NDF:3.3/7

+ sign 536.971+/-520.996 χ^2/NDF: 29.1/25

All: 641.081+/-362.871 χ^2/NDF: 58.3/52

- sign 739.166+/-505.699 χ^2/NDF: 29.1/26

dit_asym_atl_dd_rms vs Slug



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

Left Out: 2013.328+/-0.565 χ^2/NDF:367892.2/8

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

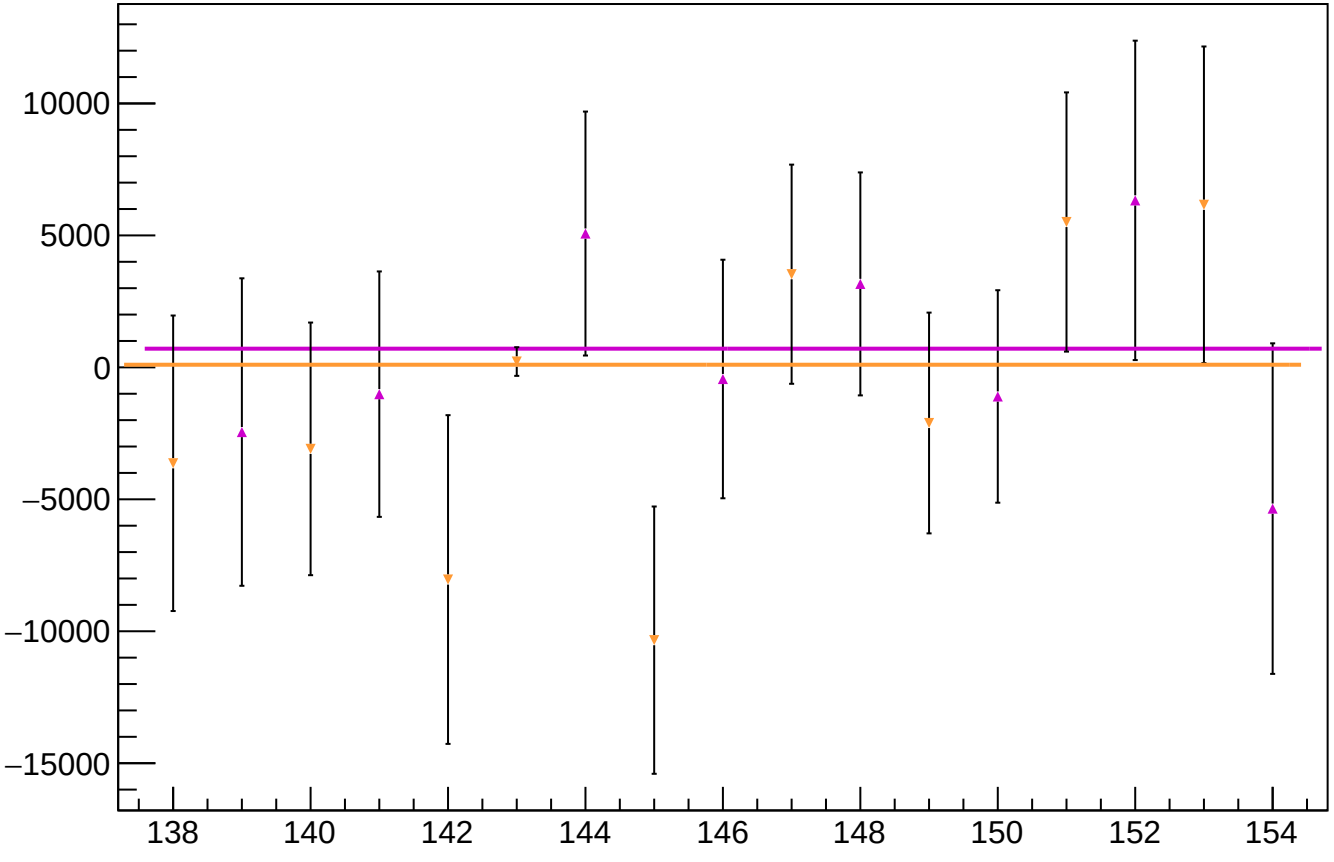
Left In: 1930.774+/-0.531 χ^2/NDF:34901.4/7

+ sign 1862.854+/-0.368 χ^2/NDF: 791863.2/25

All: 1855.405+/-0.256 χ^2/NDF: 1299892.3/52

- sign 1848.399+/-0.357 χ^2/NDF: 507235.6/26

asym_atl_dd_correction_mean vs Slug



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

Left Out: 99.596+/-518.669 χ^2/NDF:10.1/8

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

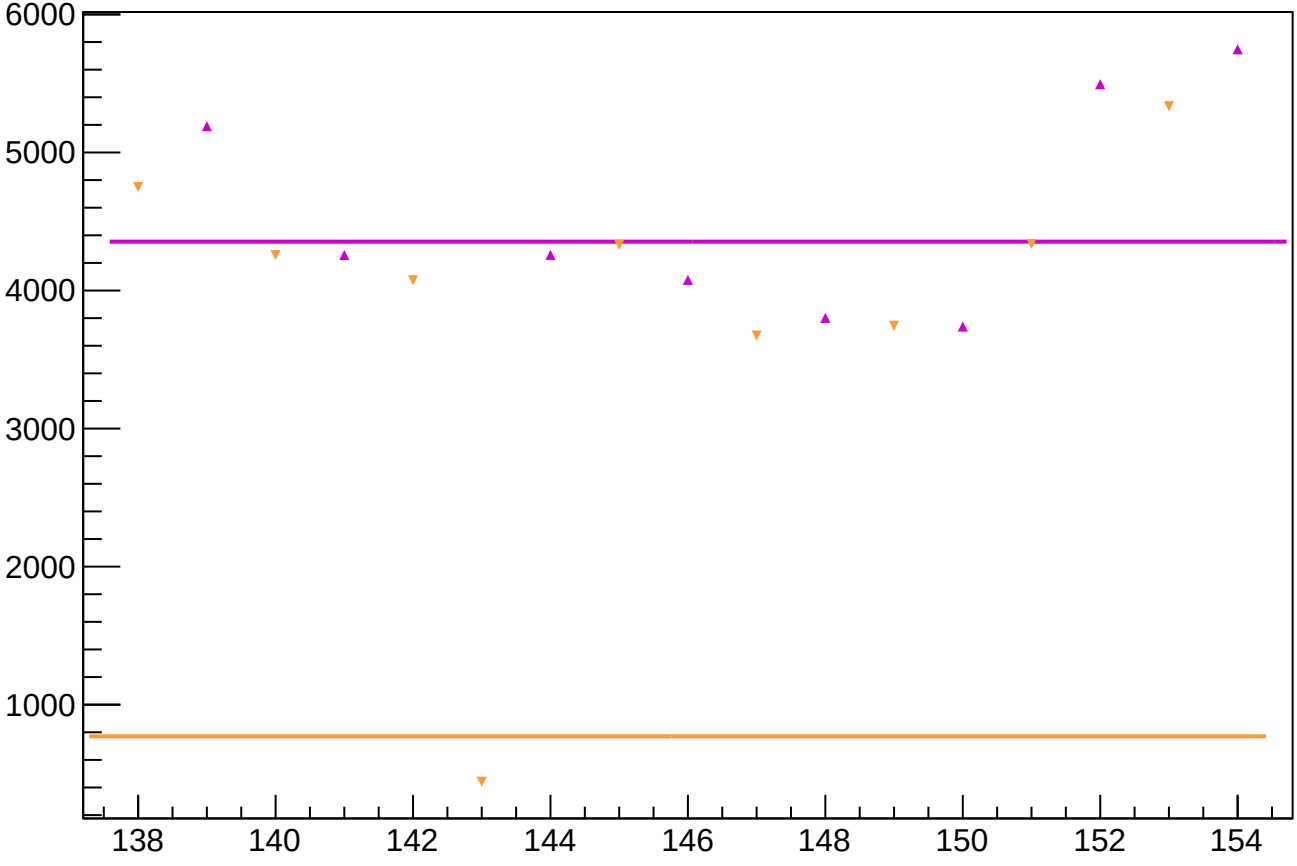
Left In: 707.772+/-1709.943 χ^2/NDF:3.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 150.838+/-496.338 χ^2/NDF: 13.9/16

- 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: 770.704+/-0.367 χ^2/NDF:8558125.7/8

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

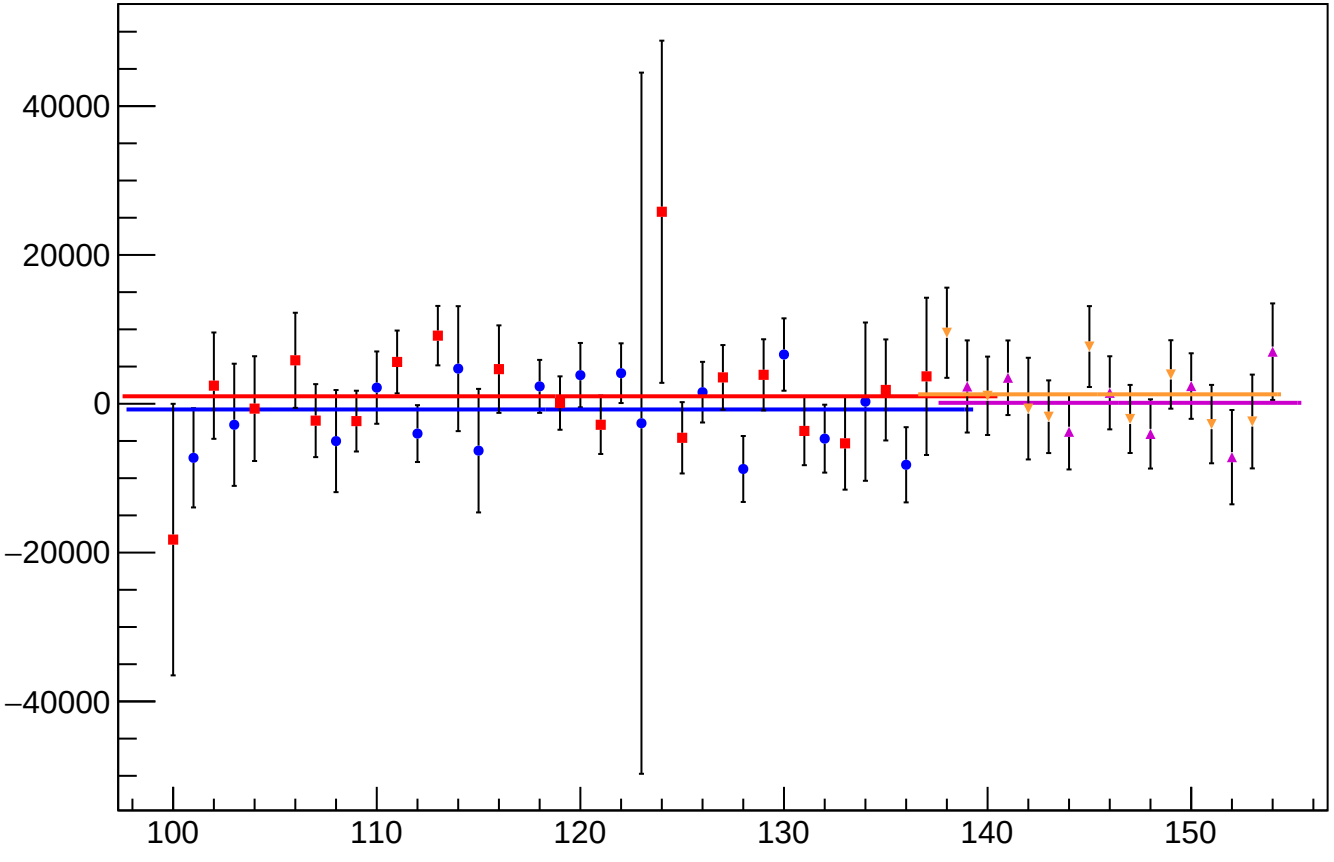
Left In: 4354.001+/-1.209 χ^2/NDF:301363.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1072.612+/-0.351 χ^2/NDF: 16902287.6/1

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl_dd_mean vs Slug



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

Left Out: 1269.539+/-1776.947 χ^2/NDF:5.5/8

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

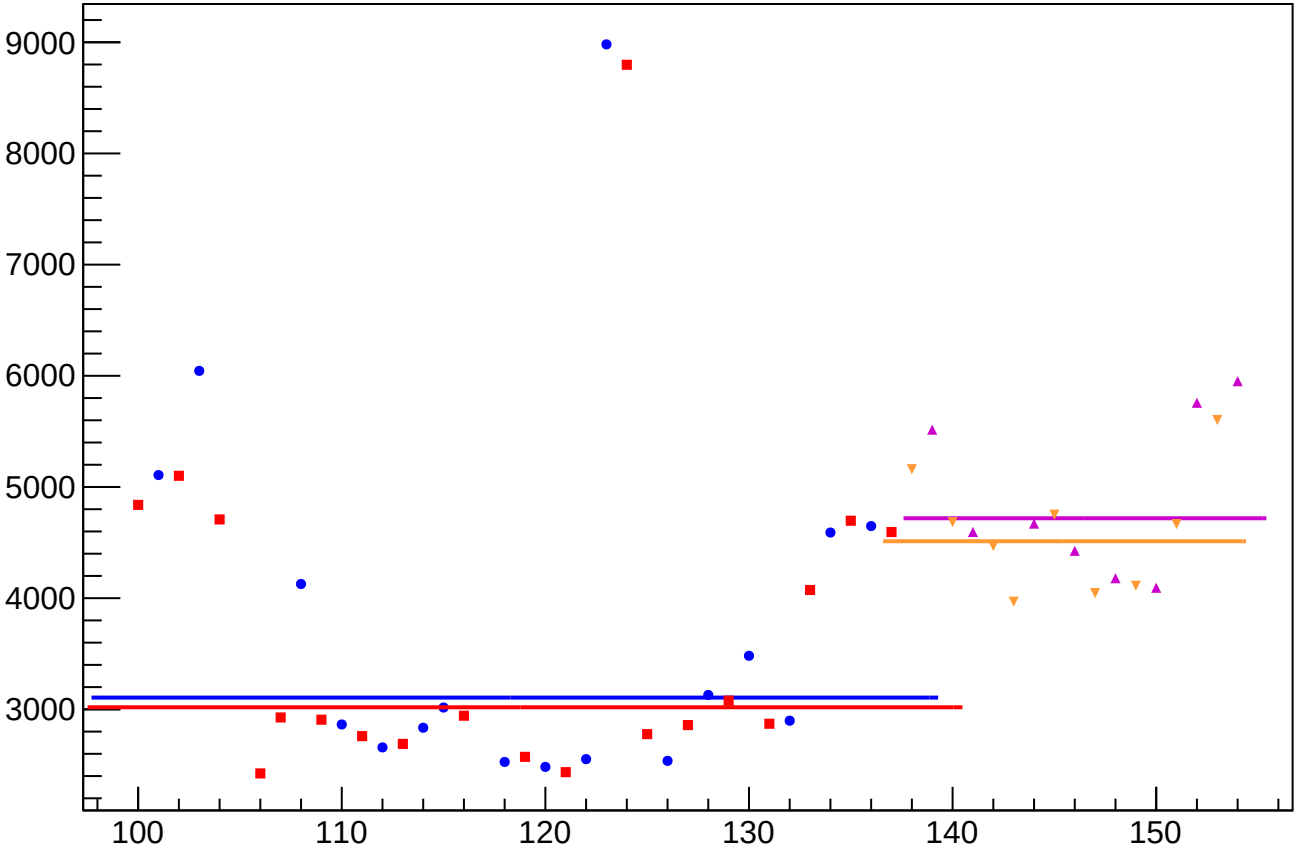
Left In: 126.206+/-1848.333 χ^2/NDF:4.8/7

+ sign -93.223+/-1021.121 χ^2/NDF: 21.9/25

All: 335.148+/-714.904 χ^2/NDF: 42.2/52

- sign 746.989+/-1001.226 χ^2/NDF: 19.9/26

asym_atl_dd_rms vs Slug



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

Left Out: 4512.027+/-1.256 χ^2/NDF:151234.2/8

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

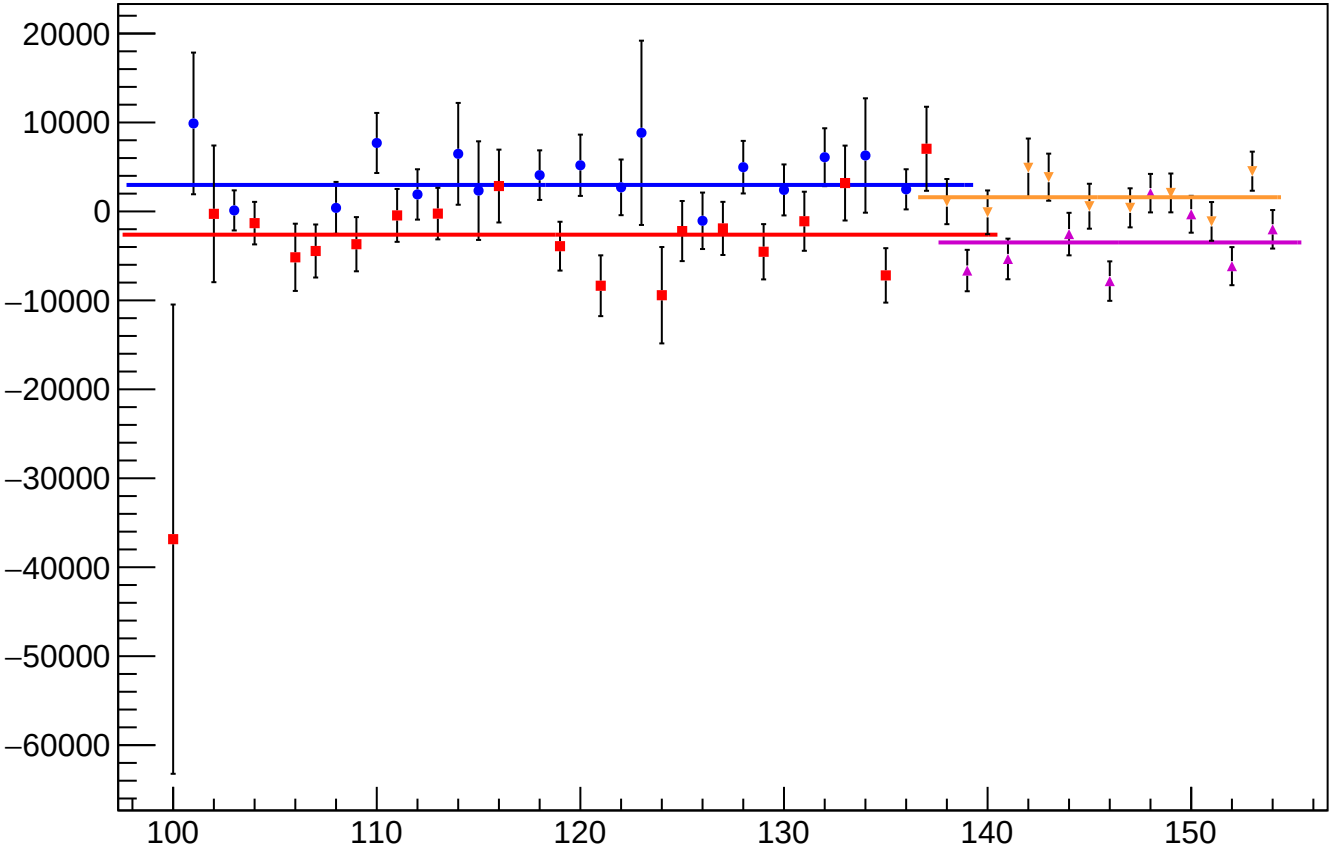
Left In: 4718.562+/-1.307 χ^2/NDF:234786.7/7

+ sign 3570.196+/-0.722 χ^2/NDF: 1949928.9/25

All: 3538.601+/-0.503 χ^2/NDF: 4186577.0/52

- sign 3508.759+/-0.702 χ^2/NDF: 2232924.7/26

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1595.940+/-803.720 χ^2/NDF:6.1/8

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

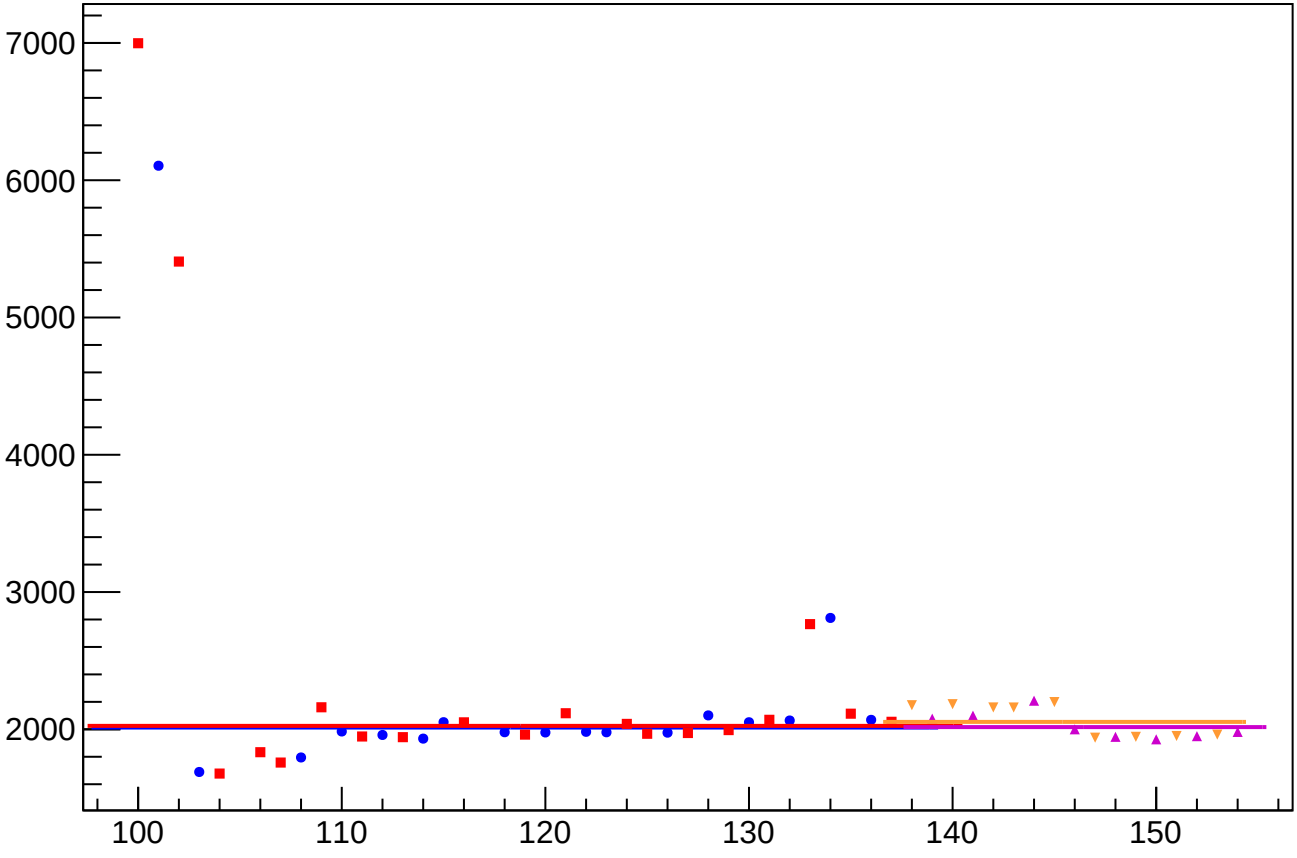
Left In: -3487.598+/-782.814 χ^2/NDF:17.4/7

+ sign 2294.387+/-565.351 χ^2/NDF: 17.4/25

All: -434.036+/-395.572 χ^2/NDF: 100.7/52

- sign -3050.970+/-553.679 χ^2/NDF: 37.6/26

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2054.023+/-0.568 χ^2/NDF:40265.4/8

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

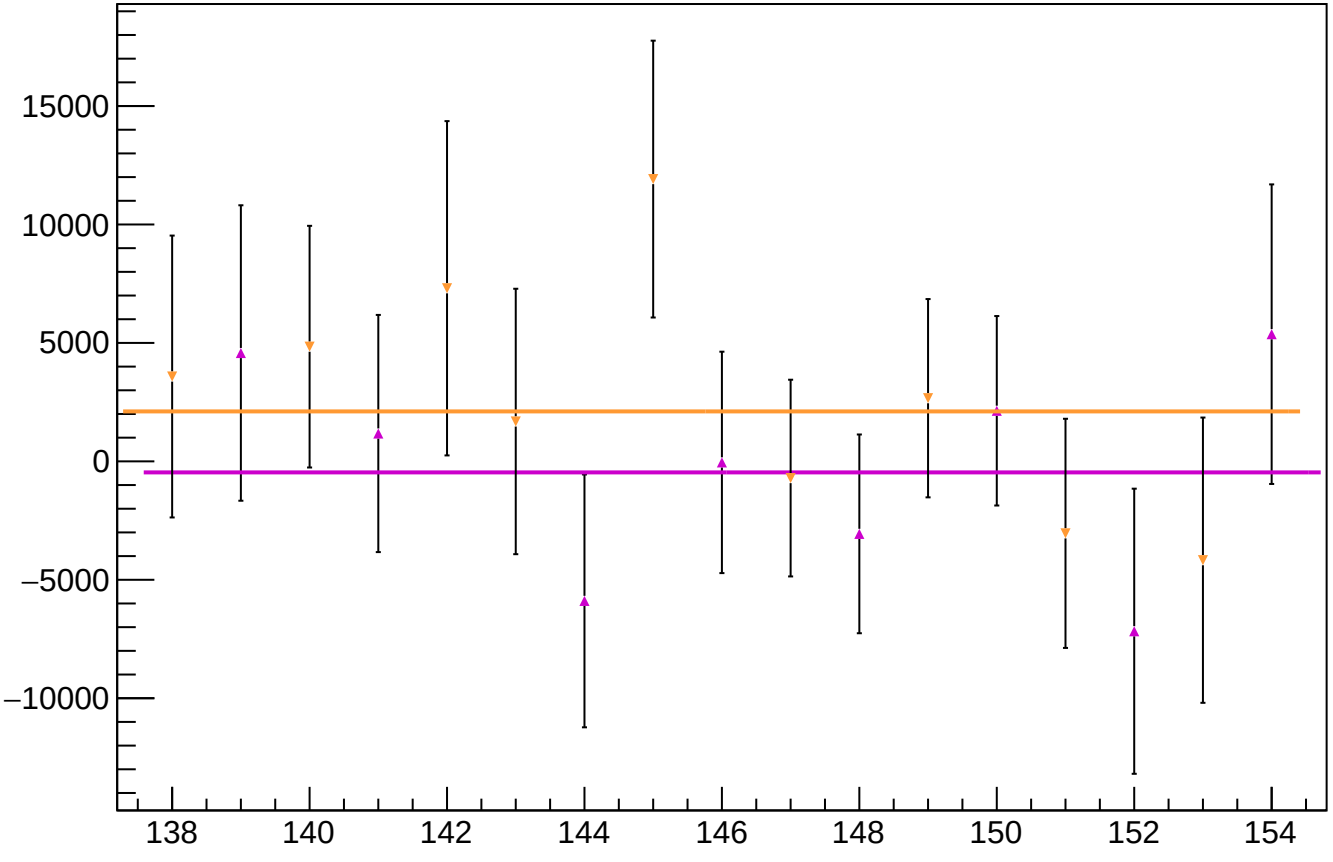
Left In: 2016.149+/-0.554 χ^2/NDF:25374.1/7

+ sign 2033.270+/-0.400 χ^2/NDF: 660612.1/25

All: 2026.806+/-0.280 χ^2/NDF: 1284050.8/52

- sign 2020.608+/-0.391 χ^2/NDF: 622926.5/26

asym_atr_avg_correction_mean vs Slug



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

Left Out: 2108.627+/-1732.150 χ^2/NDF:6.4/8

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

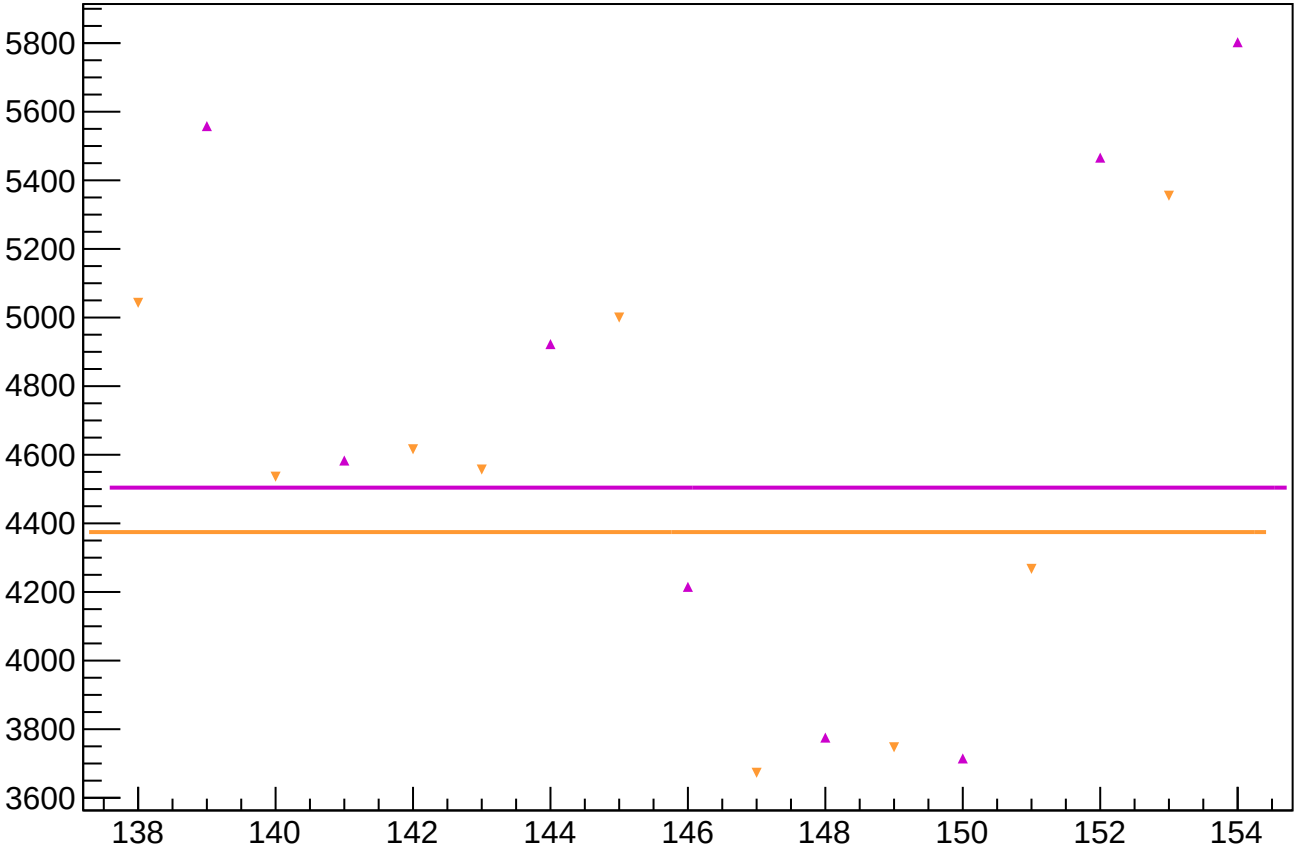
Left In: -466.116+/-1772.091 χ^2/NDF:4.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 850.599+/-1238.695 χ^2/NDF: 12.2/16

- 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: 4374.605+/-1.225 χ^2/NDF:210652.3/8

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

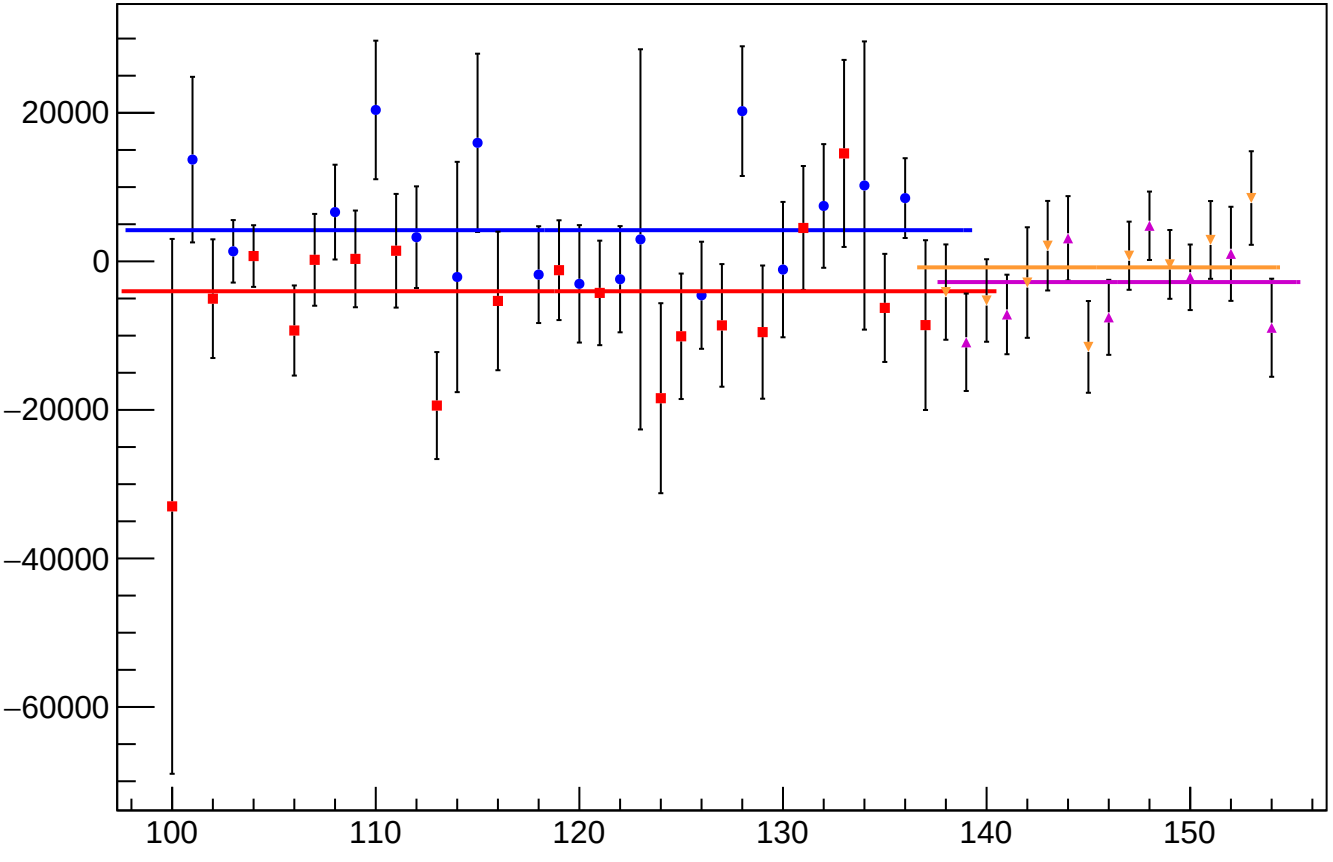
Left In: 4504.143+/-1.253 χ^2/NDF:351221.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4437.897+/-0.876 χ^2/NDF: 567339.3/16

- 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: -806.898+/-1875.972 χ^2/NDF:7.0/8

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

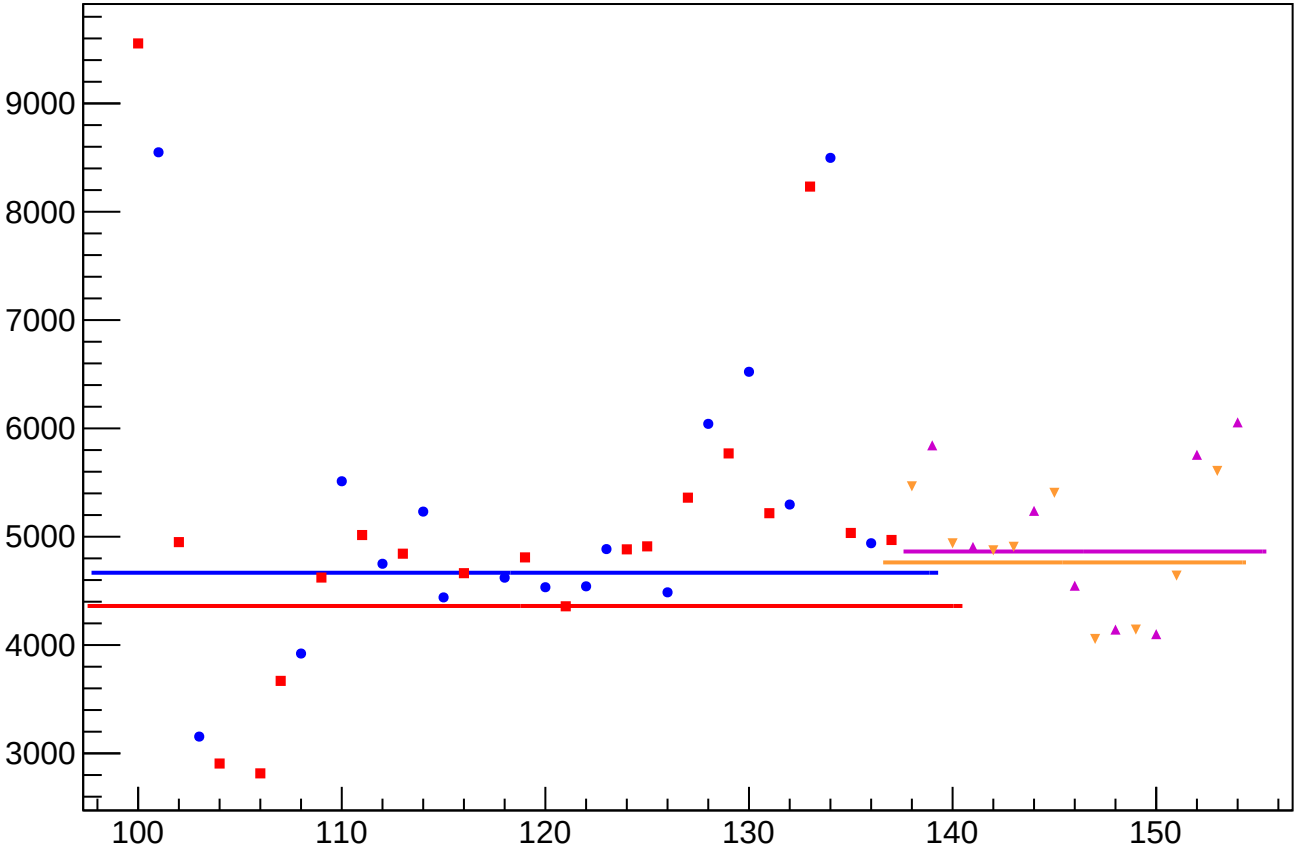
Left In: -2787.576+/-1907.948 χ^2/NDF:8.1/7

+ sign 1720.294+/-1320.042 χ^2/NDF: 24.7/25

All: -954.288+/-918.793 χ^2/NDF: 55.9/52

- sign -3467.653+/-1279.639 χ^2/NDF: 23.2/26

asym_atr_avg_rms vs Slug



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

Left Out: 4762.662+/-1.327 χ^2/NDF:169461.3/8

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

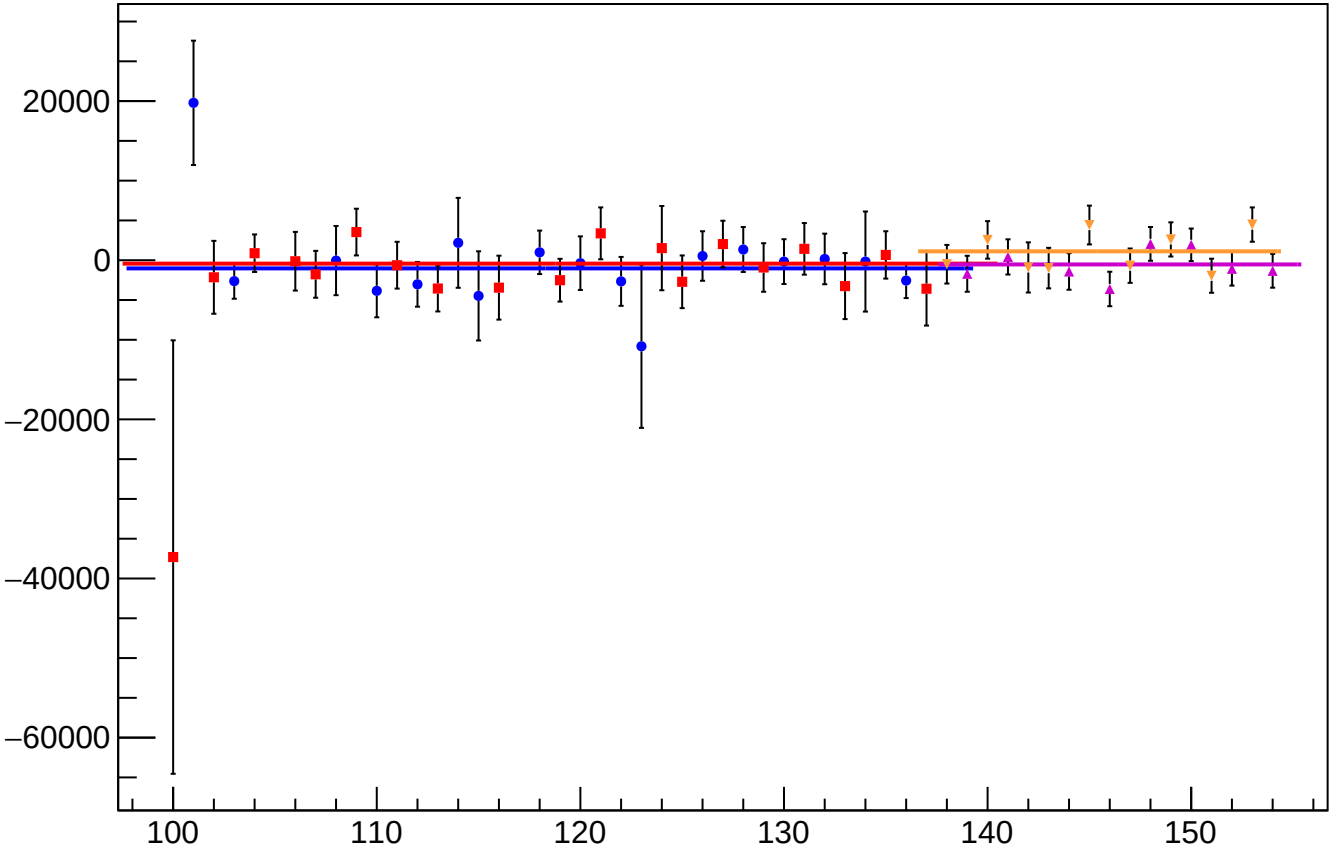
Left In: 4863.460+/-1.349 χ^2/NDF:275080.5/7

+ sign 4714.603+/-0.933 χ^2/NDF: 949919.0/25

All: 4647.761+/-0.649 χ^2/NDF: 2144499.6/52

- sign 4585.348+/-0.902 χ^2/NDF: 1184664.2/26

dit_asym_atr_dd_mean vs Slug



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

Left Out: 1119.839+/-781.675 χ^2/NDF:9.4/8

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

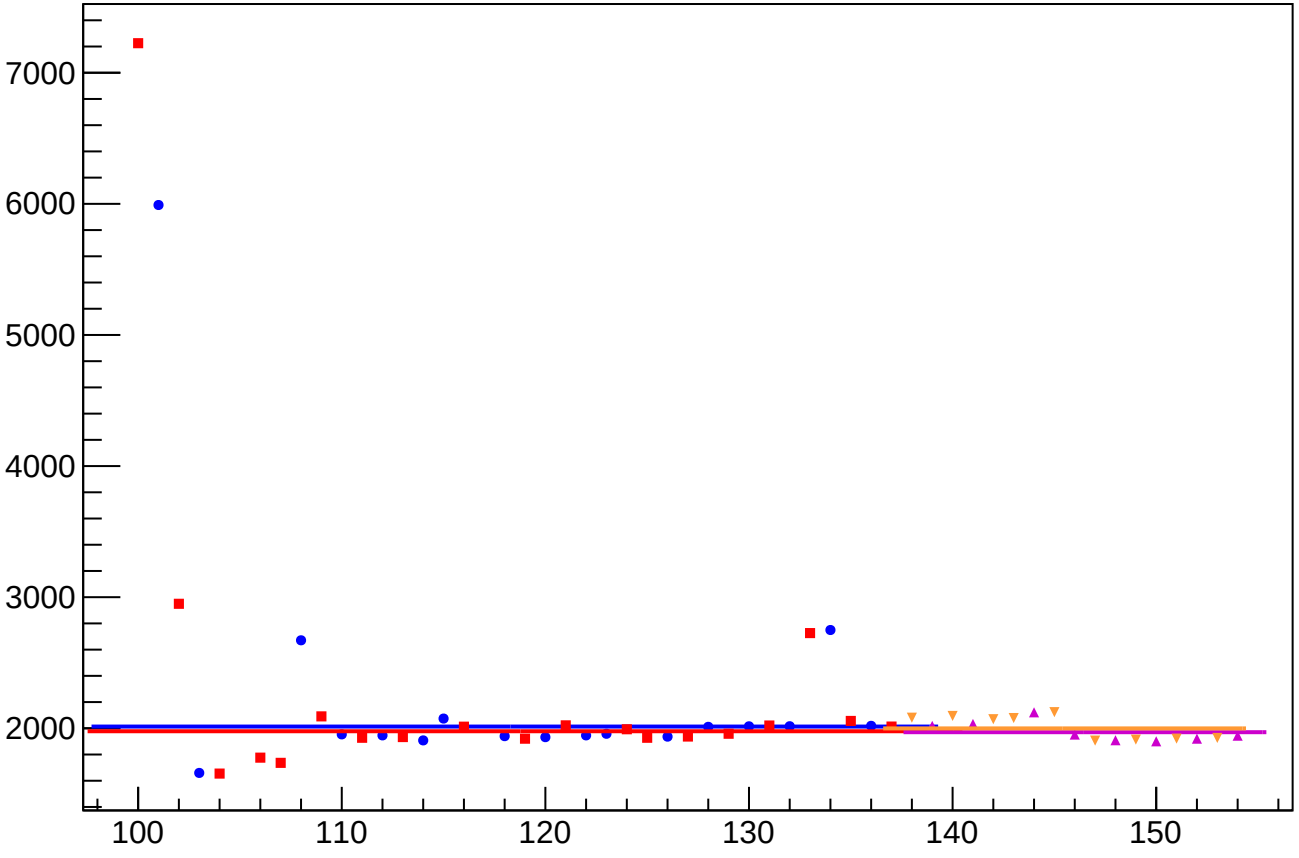
Left In: -528.811+/-764.702 χ^2/NDF:5.8/7

+ sign 66.690+/-557.928 χ^2/NDF: 26.2/25

All: -215.080+/-387.779 χ^2/NDF: 43.2/52

- sign -478.394+/-539.347 χ^2/NDF: 16.5/26

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1999.190+/-0.553 χ^2/NDF:25393.8/8

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

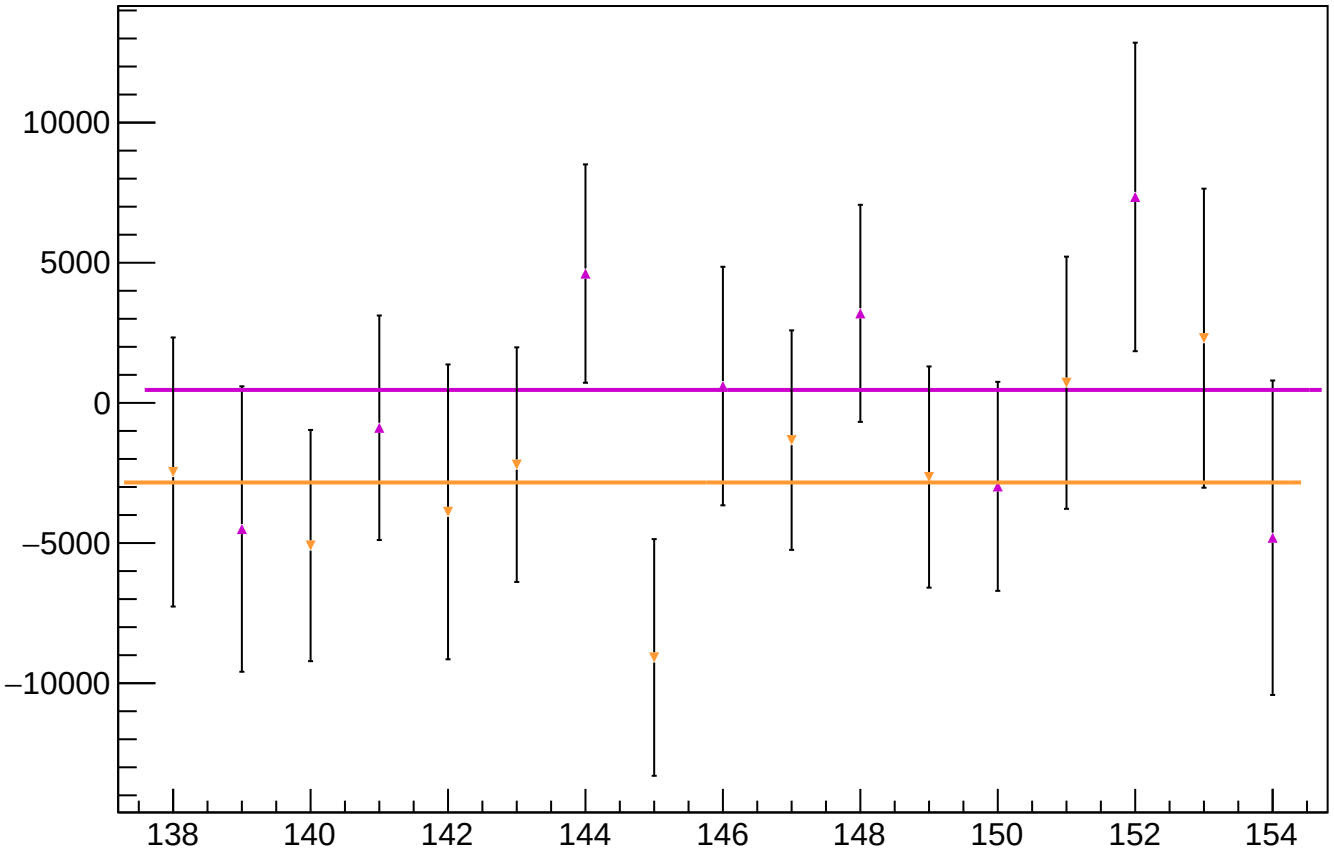
Left In: 1970.274+/-0.541 χ^2/NDF:16778.7/7

+ sign 2006.097+/-0.395 χ^2/NDF: 675760.7/25

All: 1989.461+/-0.274 χ^2/NDF: 990967.4/52

- sign 1973.932+/-0.381 χ^2/NDF: 311768.8/26

asym_atr_dd_correction_mean vs Slug



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

Left Out: -2839.287+/-1465.598 χ^2/NDF:4.3/8

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

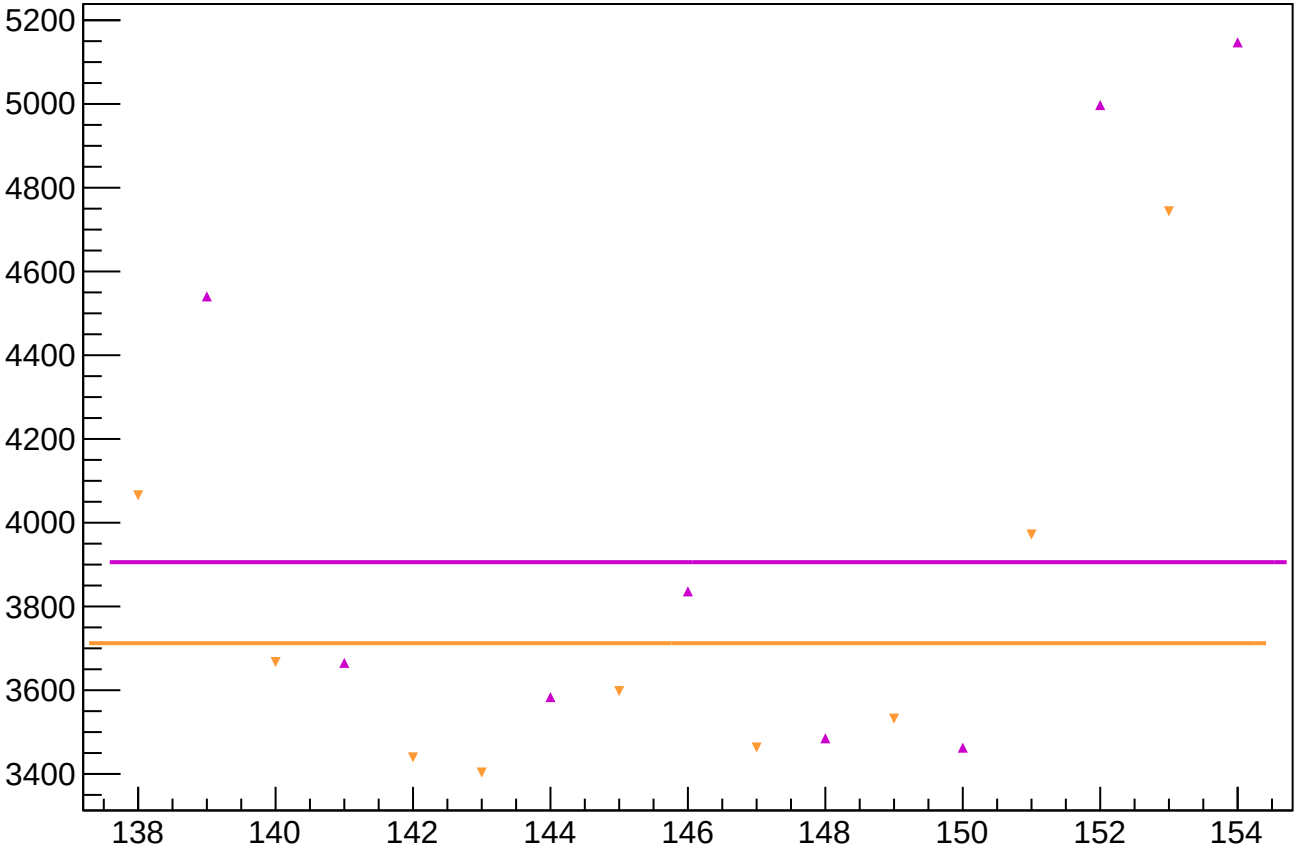
Left In: 463.017+/-1533.024 χ^2/NDF:6.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1262.352+/-1059.369 χ^2/NDF: 12.7/16

- 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: 3712.289+/-1.036 χ^2/NDF:122504.6/8

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

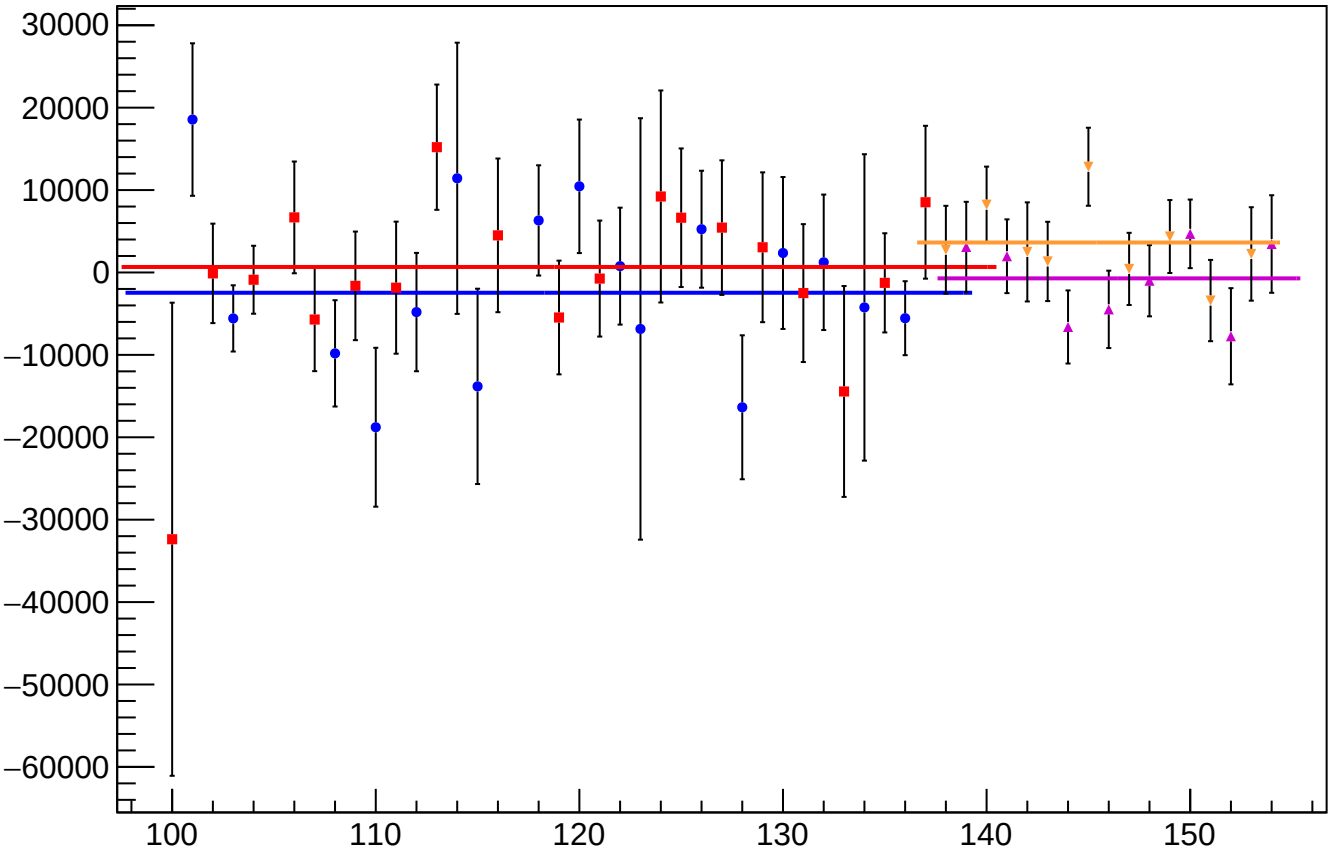
Left In: 3905.766+/-1.084 χ^2/NDF:280975.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3804.679+/-0.749 χ^2/NDF: 420124.1/16

- 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: 3636.865+/-1637.646 χ^2/NDF:7.7/8

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

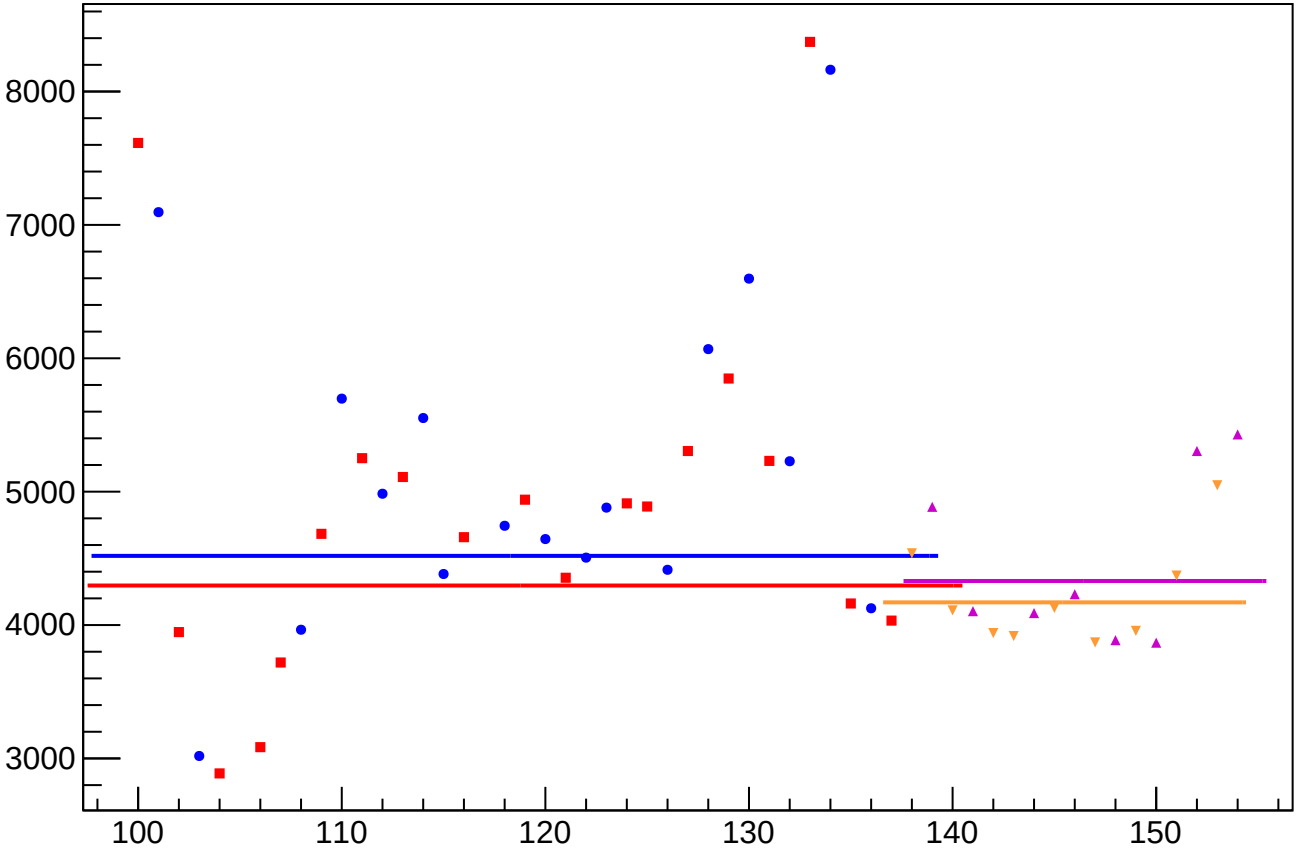
Left In: -716.302+/-1693.699 χ^2/NDF:6.9/7

+ sign 870.165+/-1210.504 χ^2/NDF: 34.8/25

All: 418.051+/-850.871 χ^2/NDF: 54.2/52

- sign -23.478+/-1196.249 χ^2/NDF: 19.1/26

asym_atr_dd_rms vs Slug



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

Left Out: 4170.111+/-1.158 χ^2/NDF:83749.4/8

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

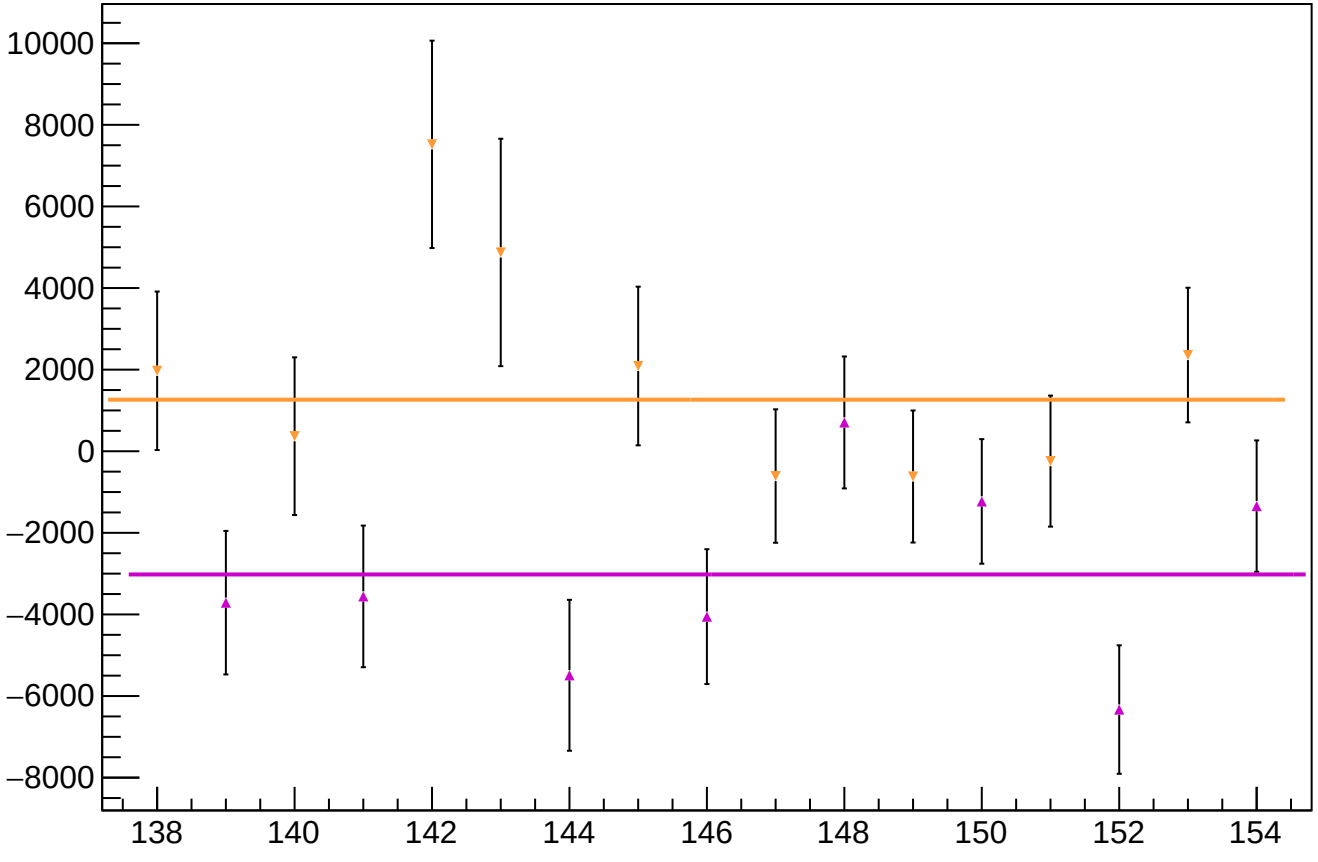
Left In: 4330.392+/-1.198 χ^2/NDF:202938.4/7

+ sign 4328.232+/-0.856 χ^2/NDF: 895079.1/25

All: 4320.632+/-0.601 χ^2/NDF: 1870281.9/52

- sign 4313.252+/-0.844 χ^2/NDF: 975047.4/26

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1263.502+/-621.132 χ^2/NDF:12.3/8

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

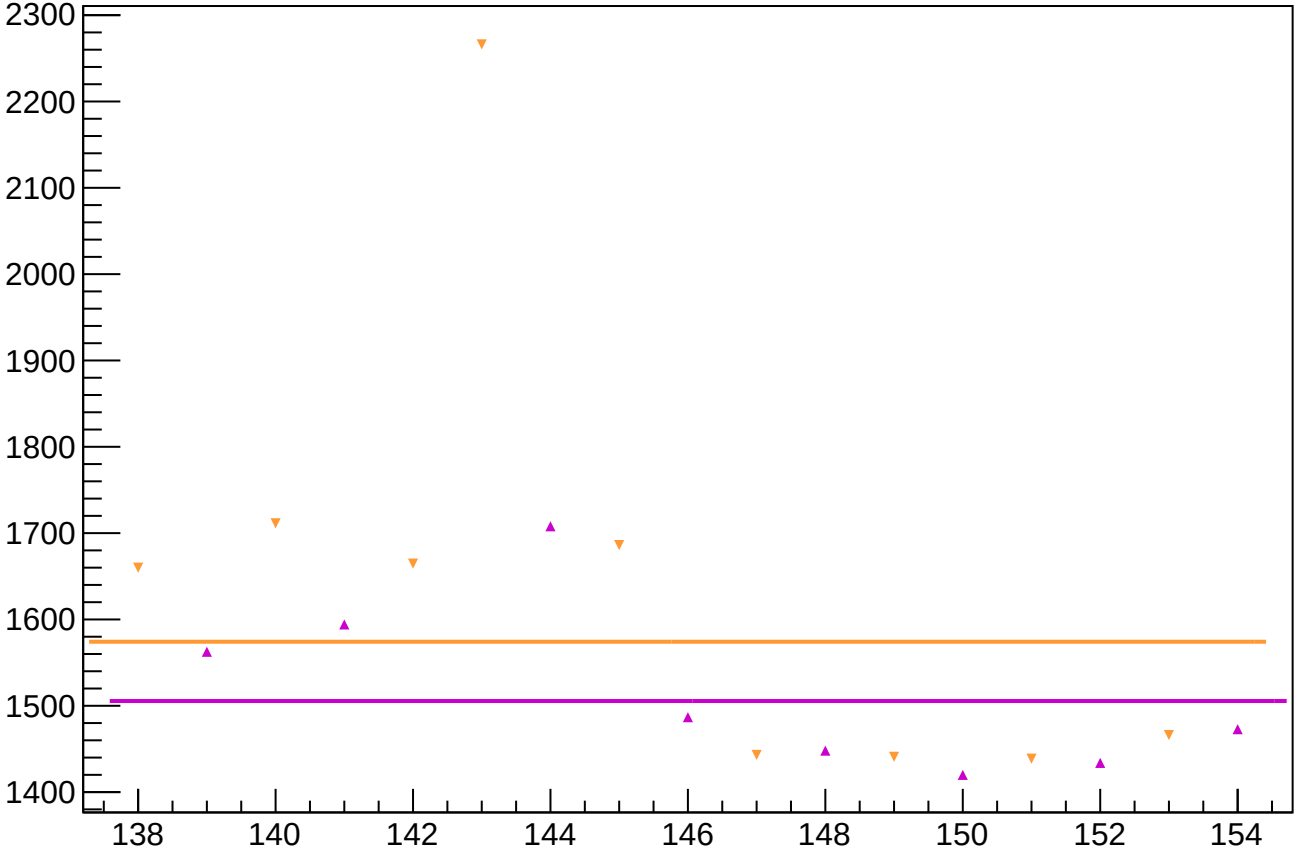
Left In: -3019.822+/-585.765 χ^2/NDF:14.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1003.571+/-426.153 χ^2/NDF: 52.0/16

- 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: 1574.202+/-0.439 χ^2/NDF:195724.1/8

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

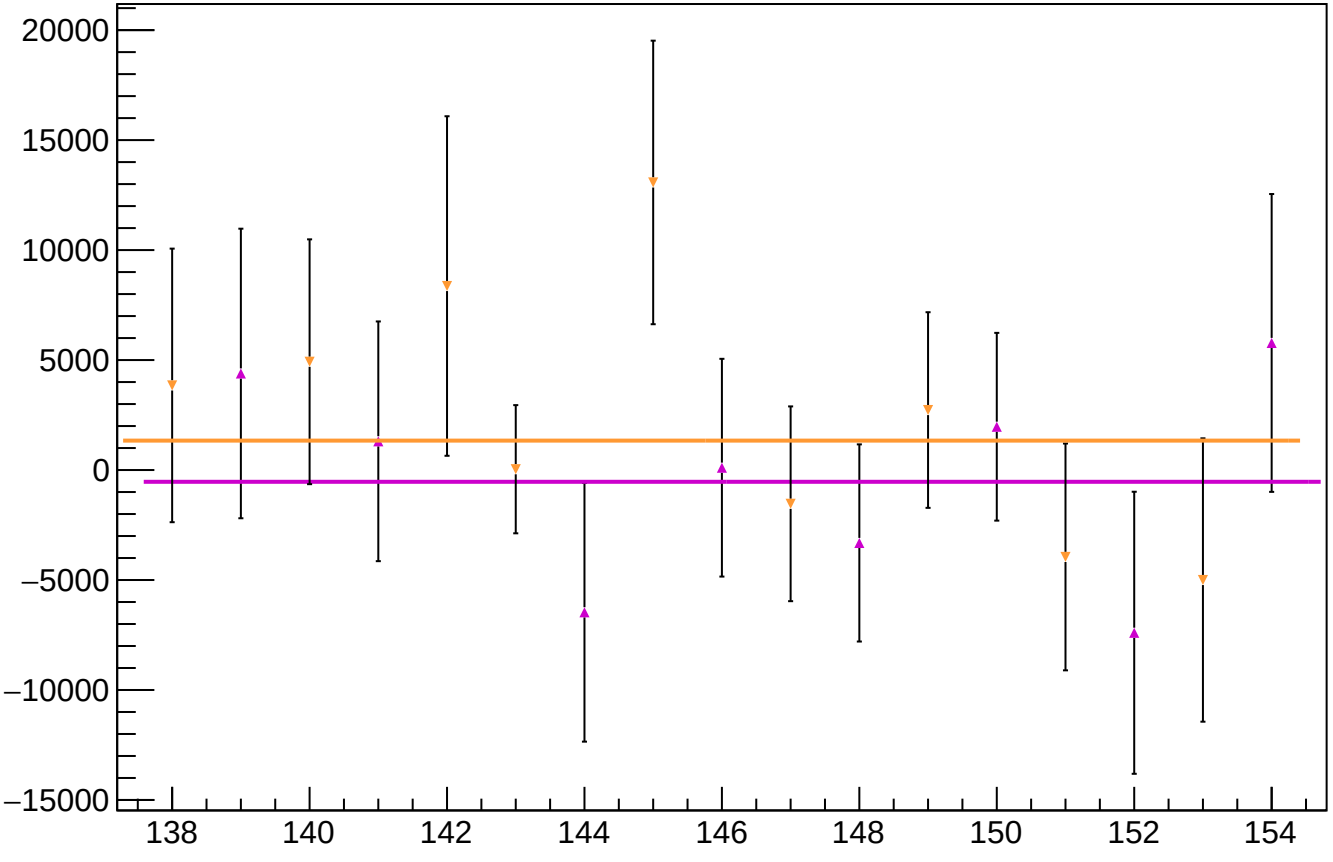
Left In: 1505.534+/-0.414 χ^2/NDF:45315.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1537.857+/-0.301 χ^2/NDF: 253976.8/16

- 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: 1337.729+/-1622.097 χ^2/NDF:7.5/8

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

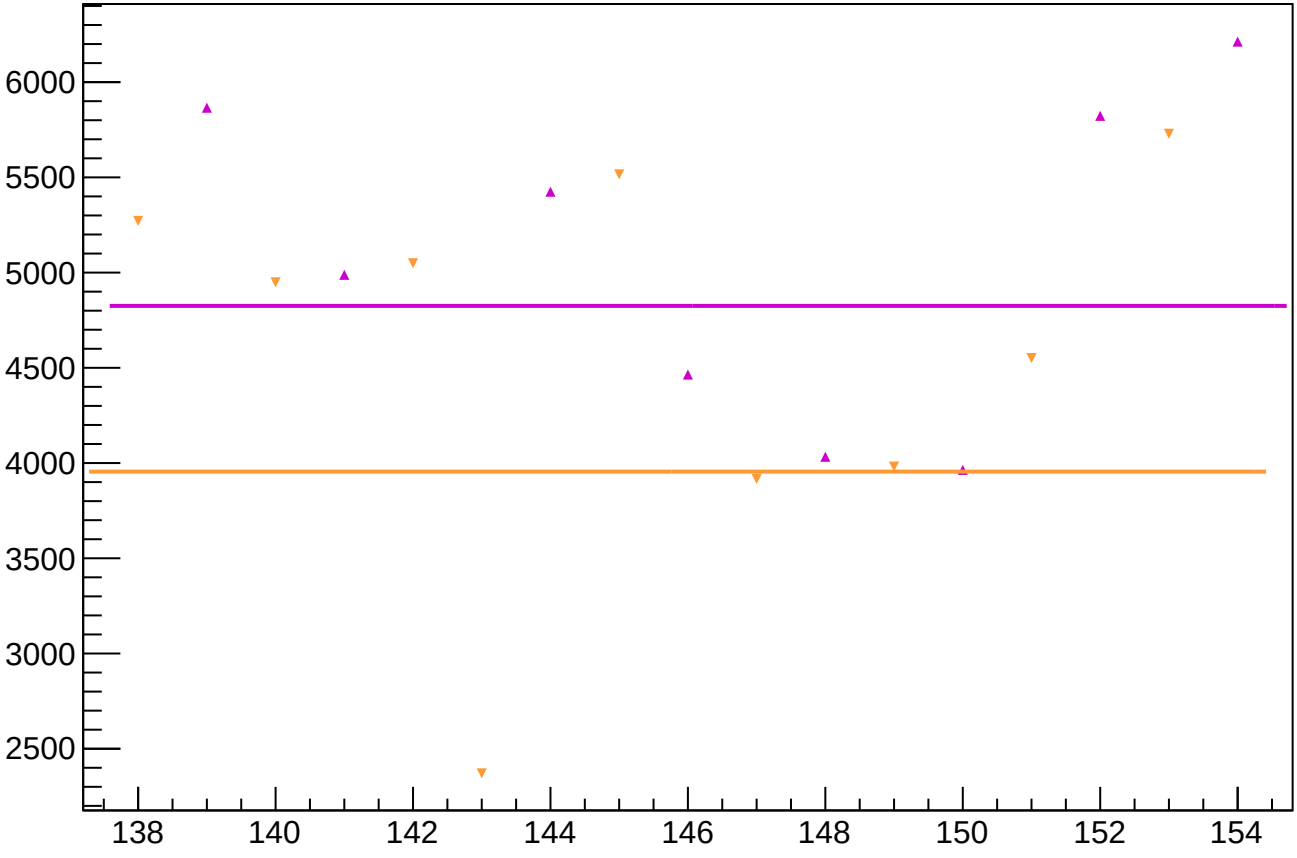
Left In: -534.895+/-1898.959 χ^2/NDF:4.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 547.758+/-1233.378 χ^2/NDF: 12.5/16

- 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: 3954.996+/-1.147 χ^2/NDF:1080730.1/8

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

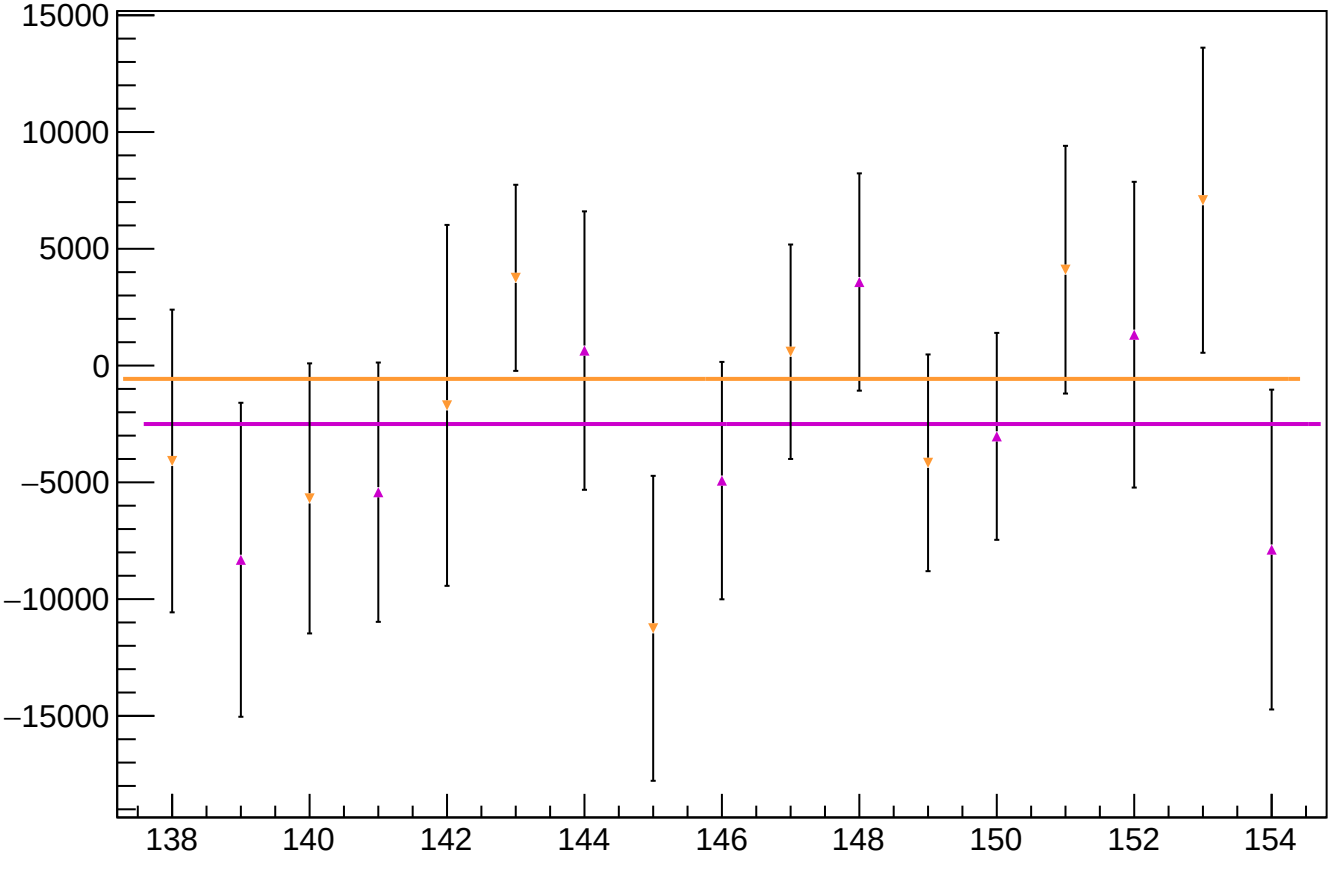
Left In: 4825.179+/-1.343 χ^2/NDF:359513.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4322.085+/-0.872 χ^2/NDF: 1683048.5/16

- 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: -570.501+/-1796.646 χ^2/NDF:7.8/8

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

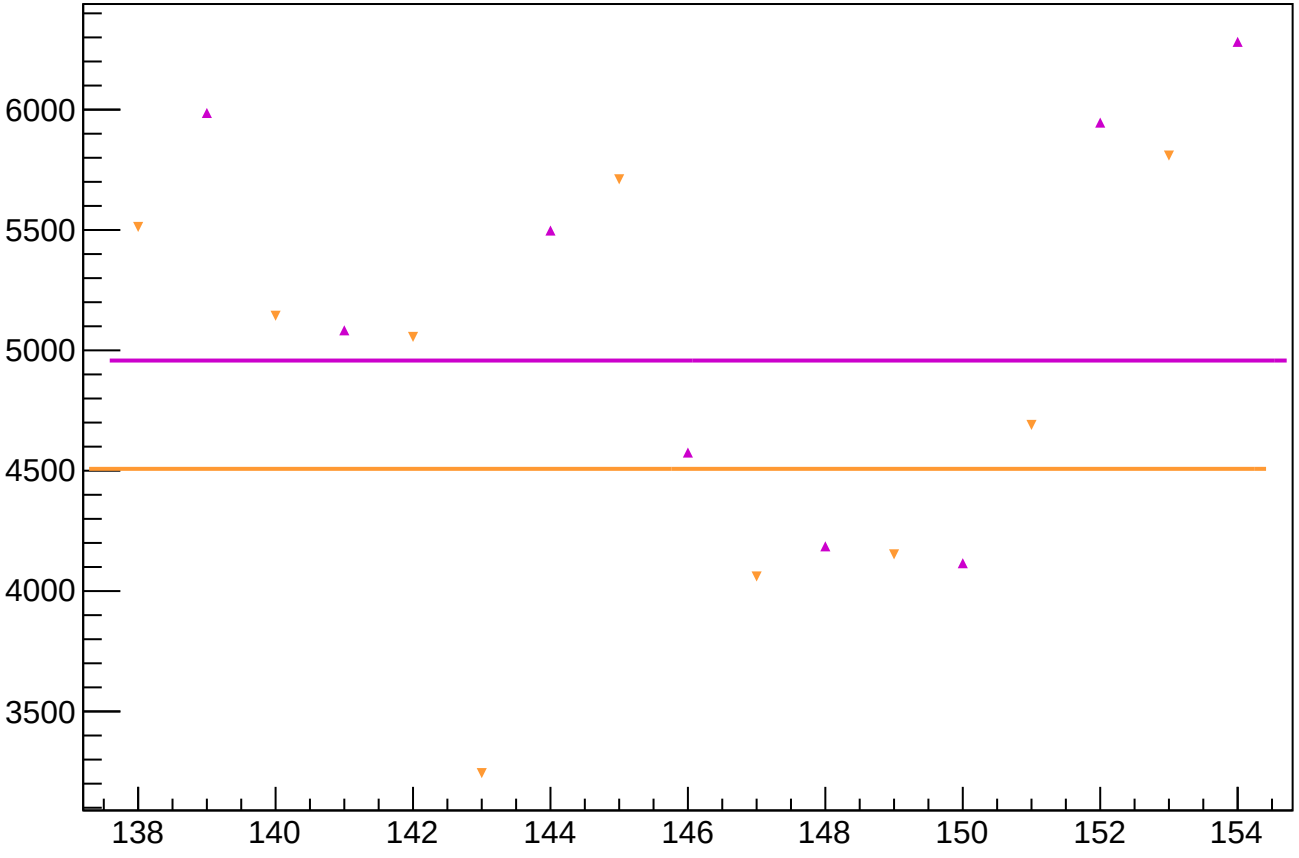
Left In: -2503.021+/-1949.036 χ^2/NDF:4.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1458.267+/-1321.014 χ^2/NDF: 12.5/16

- 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: 4507.789+/-1.270 χ^2/NDF:463940.2/8

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

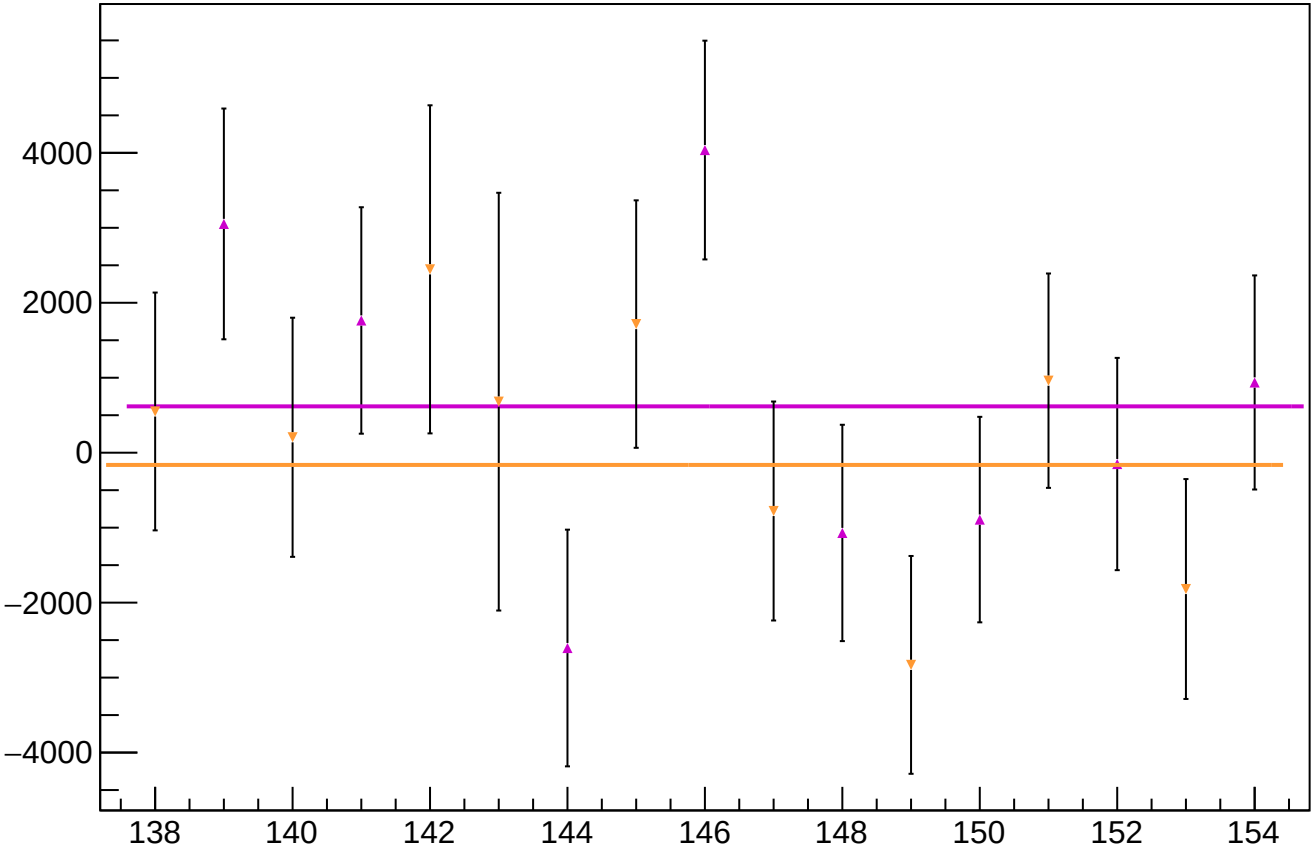
Left In: 4957.684+/-1.378 χ^2/NDF:323219.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4714.463+/-0.934 χ^2/NDF: 844769.9/16

- 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: -163.142+/-542.990 χ^2/NDF:8.5/8

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

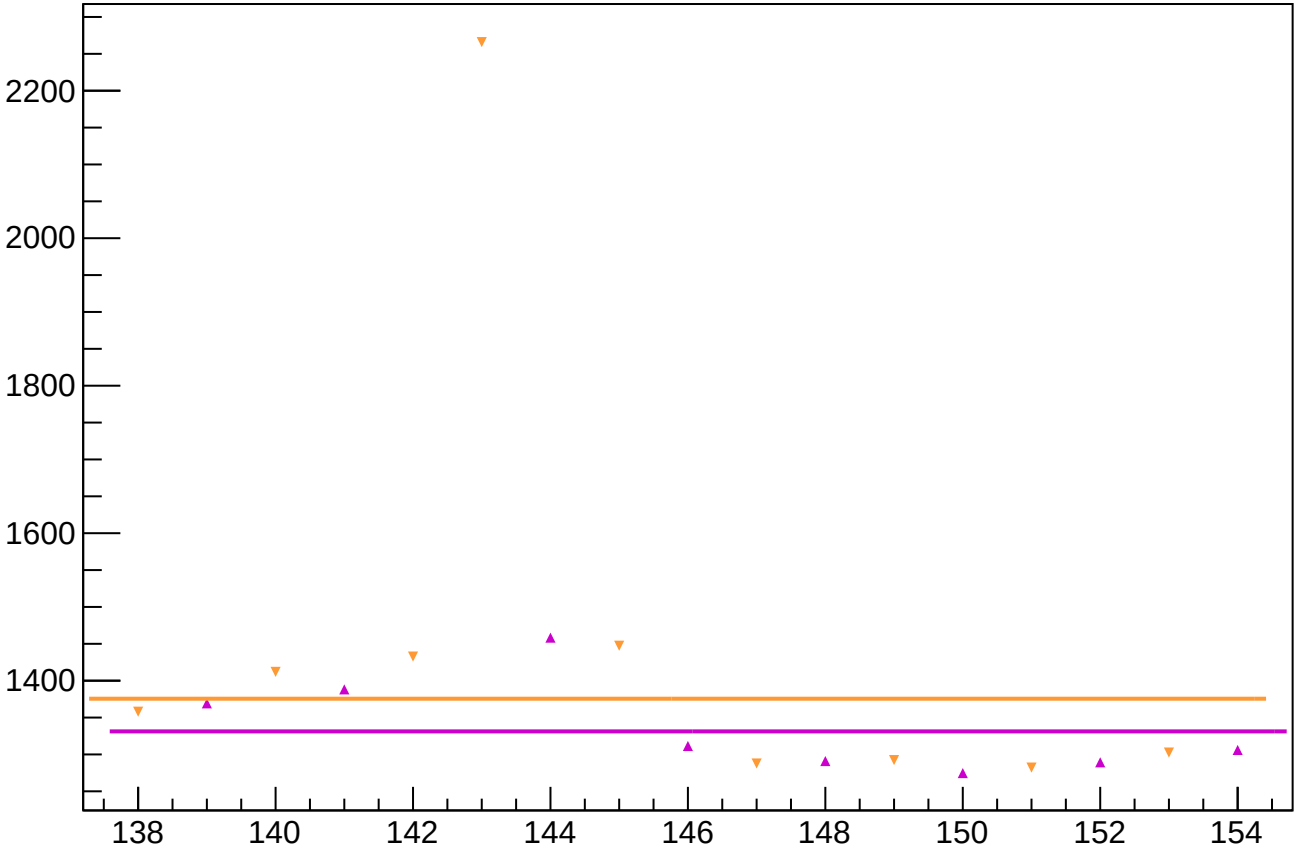
Left In: 618.194+/-517.559 χ^2/NDF:15.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 246.251+/-374.638 χ^2/NDF: 25.3/16

- 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: 1375.578+/-0.384 χ^2/NDF:237931.0/8

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

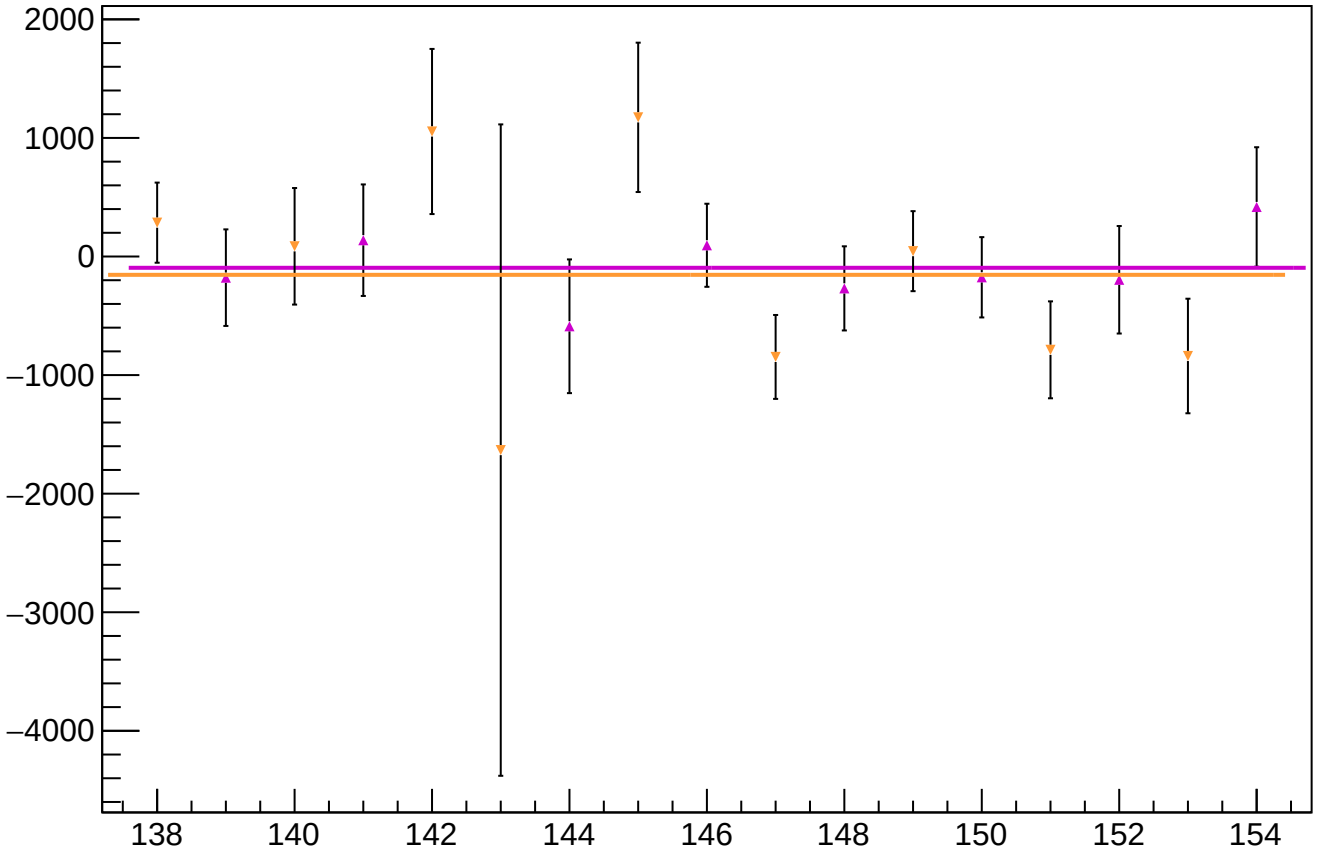
Left In: 1331.268+/-0.366 χ^2/NDF:24731.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1352.361+/-0.265 χ^2/NDF: 269641.1/16

- 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: -154.523+/-149.634 χ^2/NDF:18.3/8

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

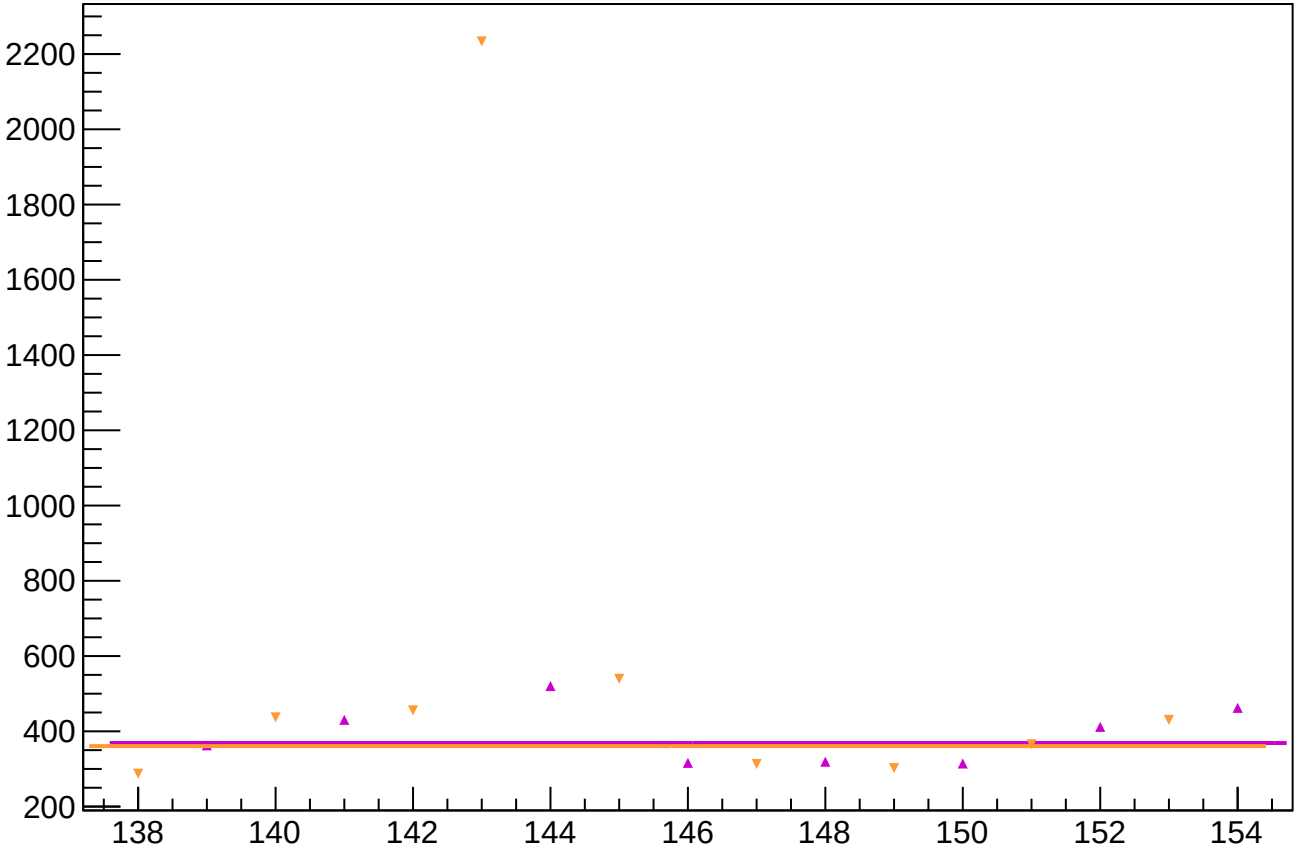
Left In: -95.188+/-145.372 χ^2/NDF:2.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -123.999+/-104.268 χ^2/NDF: 21.1/16

- 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: 360.697+/-0.106 χ^2/NDF:1408731.1/8

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

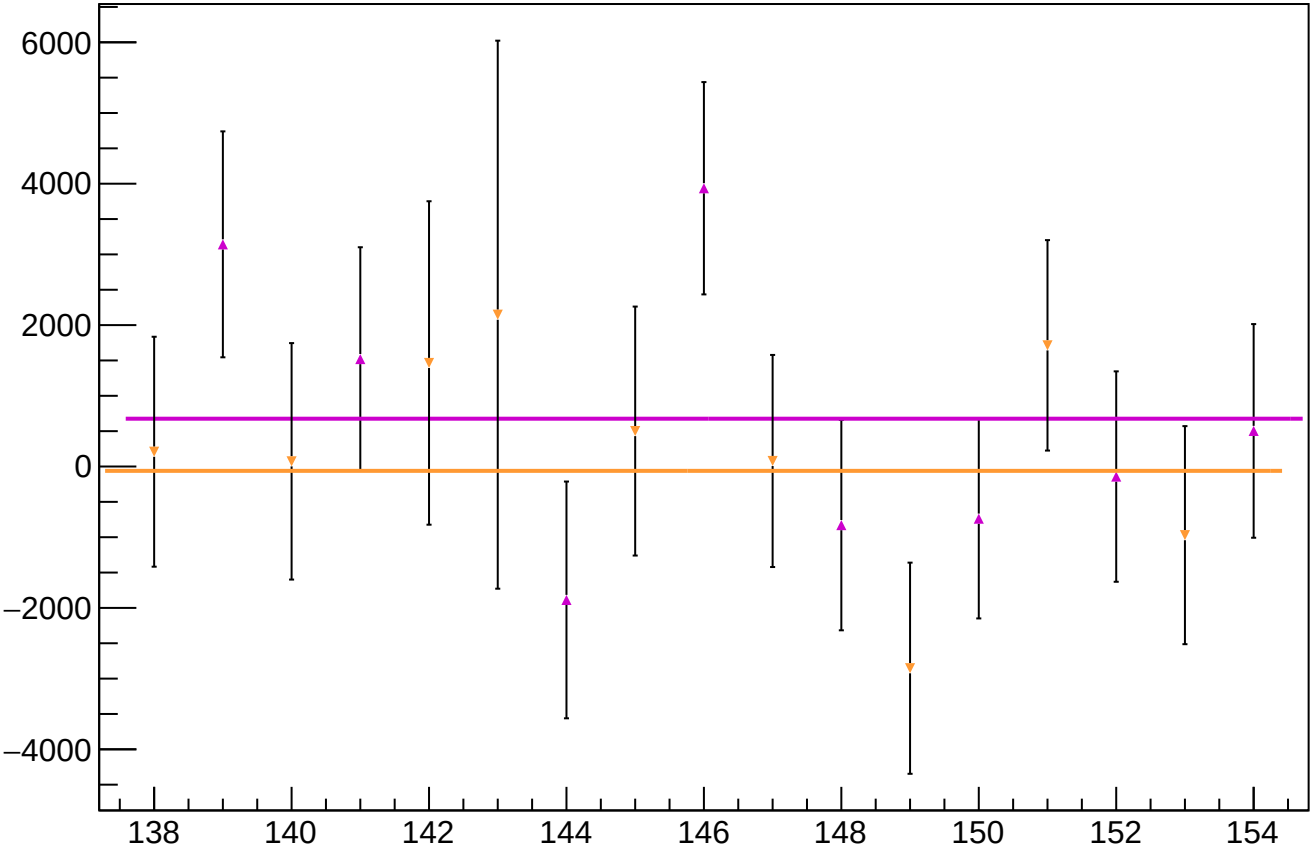
Left In: 368.909+/-0.103 χ^2/NDF:402001.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 364.922+/-0.074 χ^2/NDF: 1813830.7/16

- 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: -61.492+/-569.721 χ^2/NDF:6.2/8

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

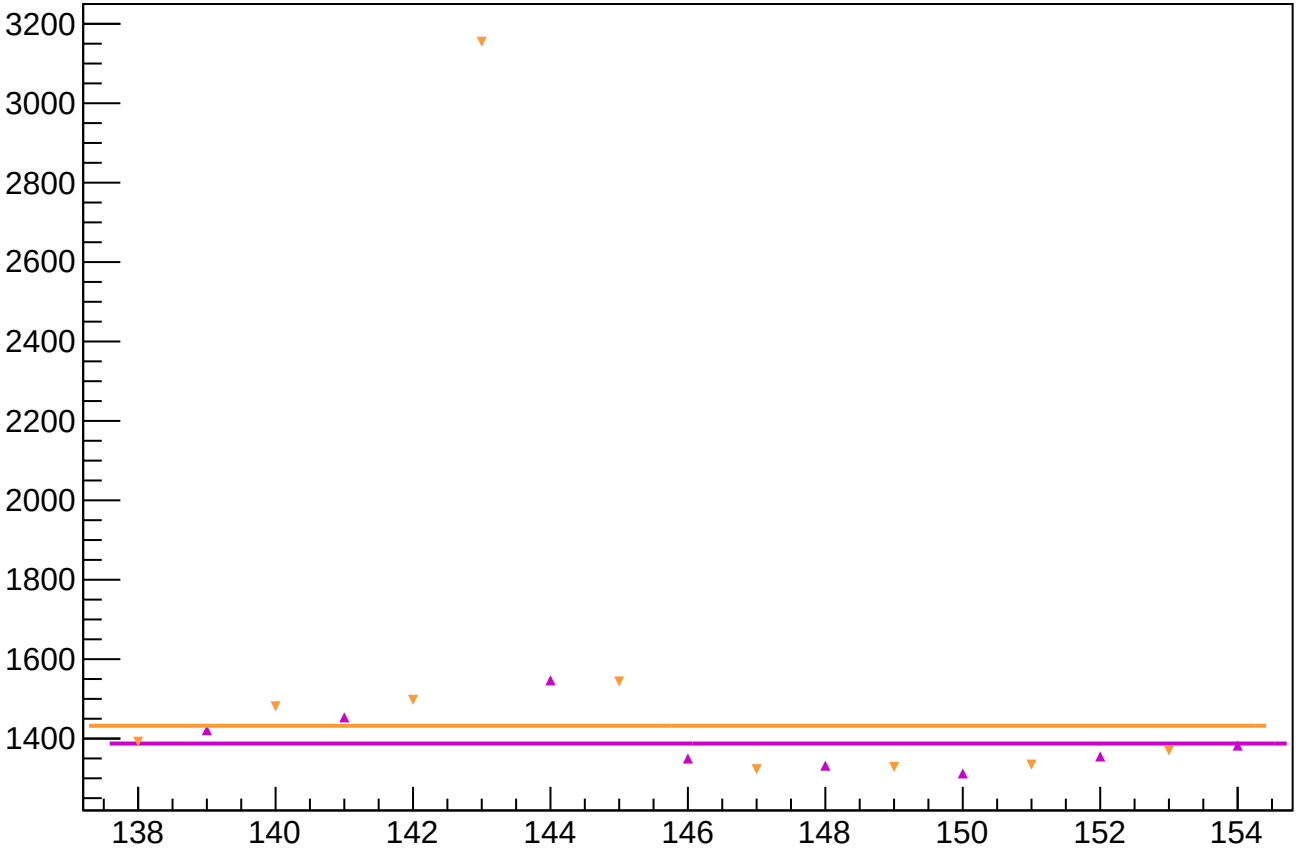
Left In: 676.180+/-539.553 χ^2/NDF:12.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 327.391+/-391.753 χ^2/NDF: 19.1/16

- 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: 1432.268+/-0.403 χ^2/NDF:439855.5/8

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

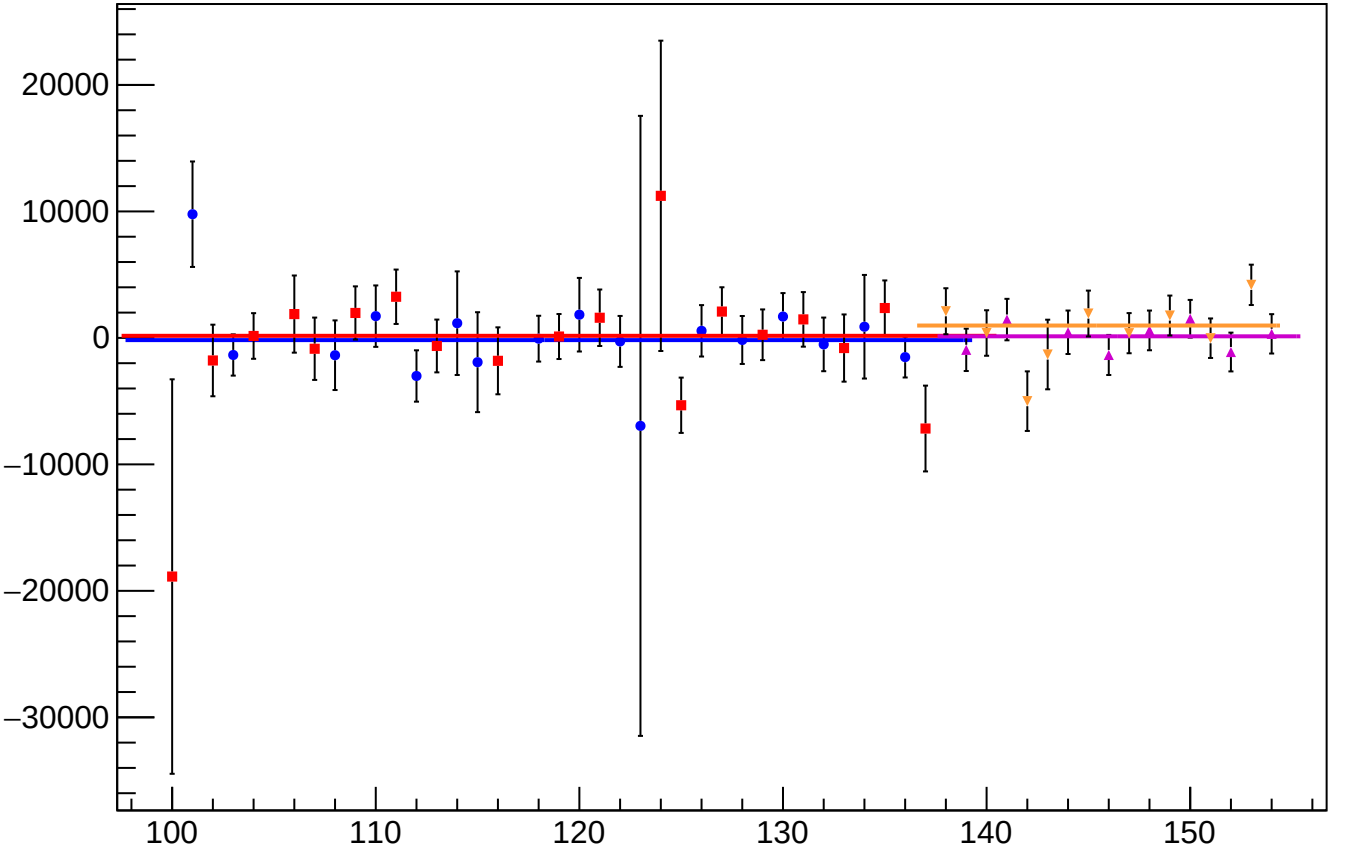
Left In: 1387.528+/-0.382 χ^2/NDF:33223.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1408.682+/-0.277 χ^2/NDF: 479581.0/16

- 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: 978.073+/-594.529 χ^2/NDF:12.8/8

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

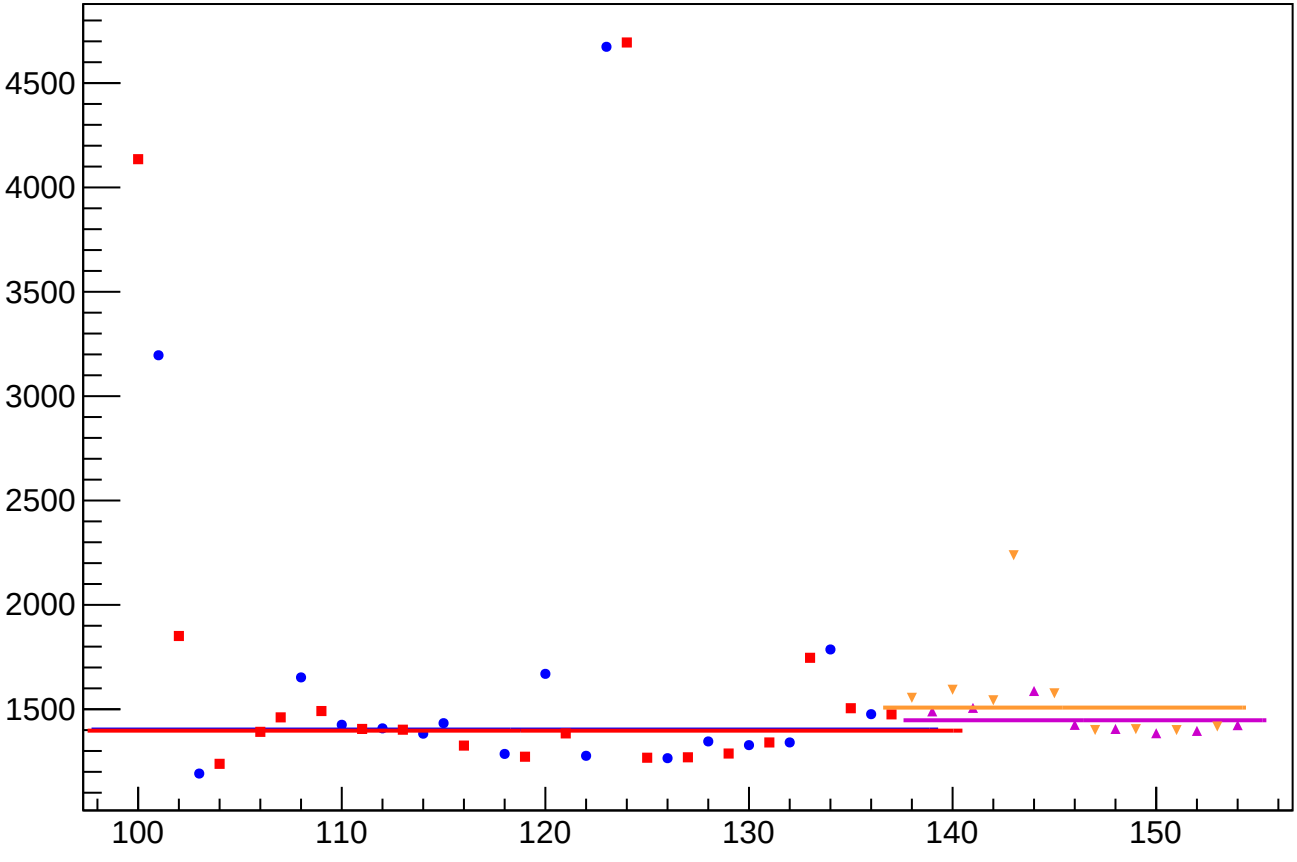
Left In: 125.353+/-562.505 χ^2/NDF:3.6/7

+ sign 361.664+/-405.566 χ^2/NDF: 26.5/25

All: 249.474+/-280.959 χ^2/NDF: 50.9/52

- sign 145.949+/-389.589 χ^2/NDF: 24.3/26

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1507.903+/-0.420 χ^2/NDF:183530.8/8

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

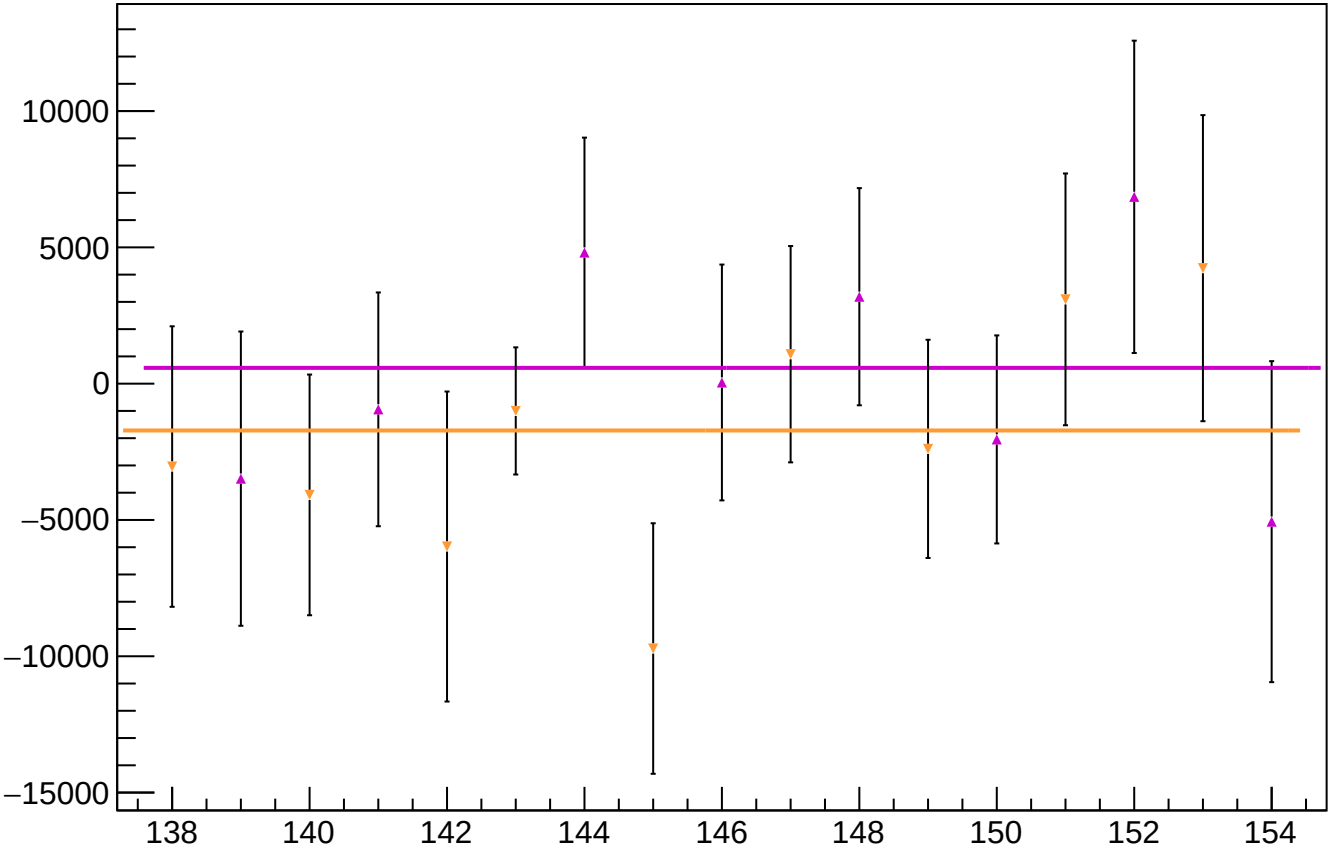
Left In: 1447.147+/-0.398 χ^2/NDF:25167.7/7

+ sign 1451.660+/-0.287 χ^2/NDF: 743333.5/25

All: 1435.851+/-0.199 χ^2/NDF: 1135838.1/52

- sign 1421.271+/-0.275 χ^2/NDF: 386662.8/26

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -1717.154+/-1341.421 χ^2/NDF:6.8/8

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

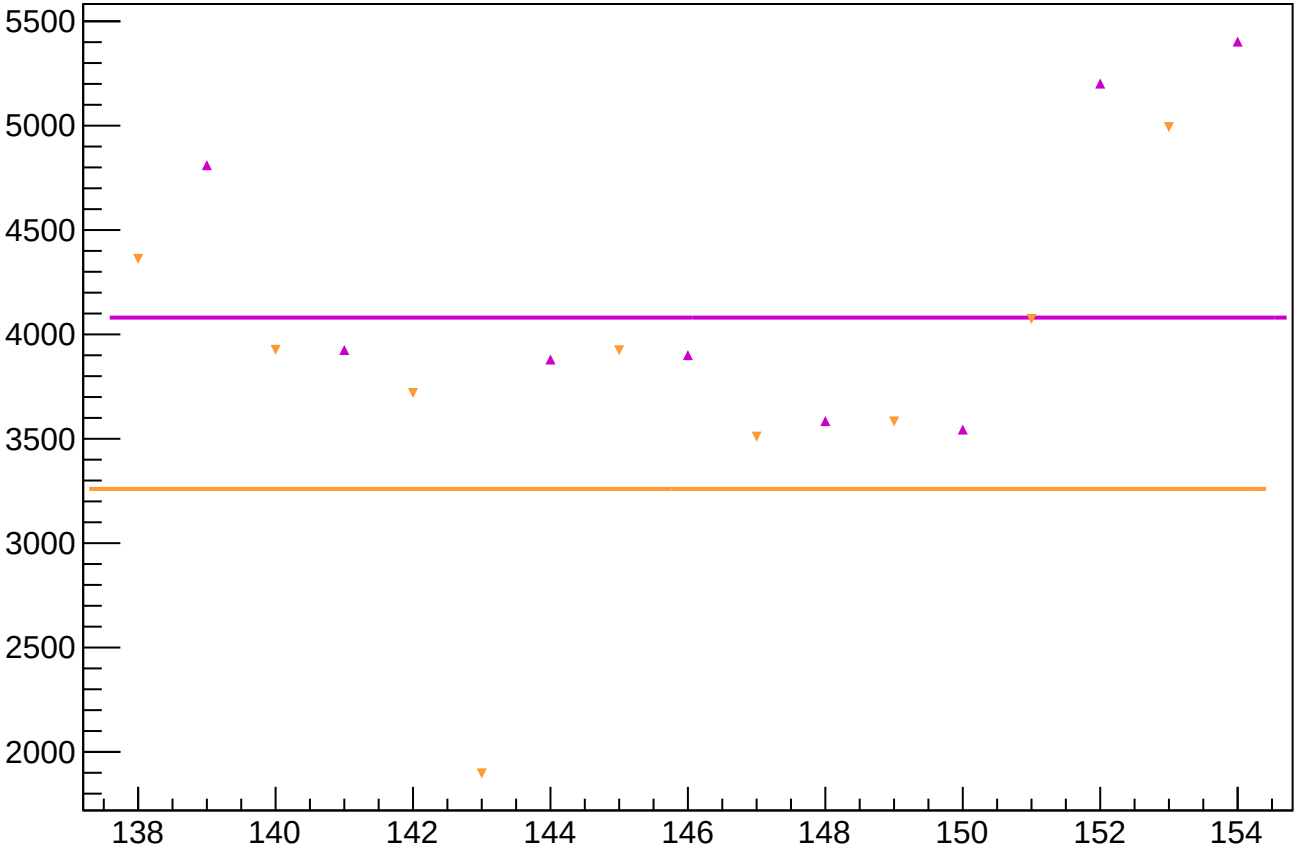
Left In: 579.657+/-1602.383 χ^2/NDF:4.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -770.769+/-1028.579 χ^2/NDF: 12.7/16

- 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: 3260.001+/-0.949 χ^2/NDF:1148848.9/8

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

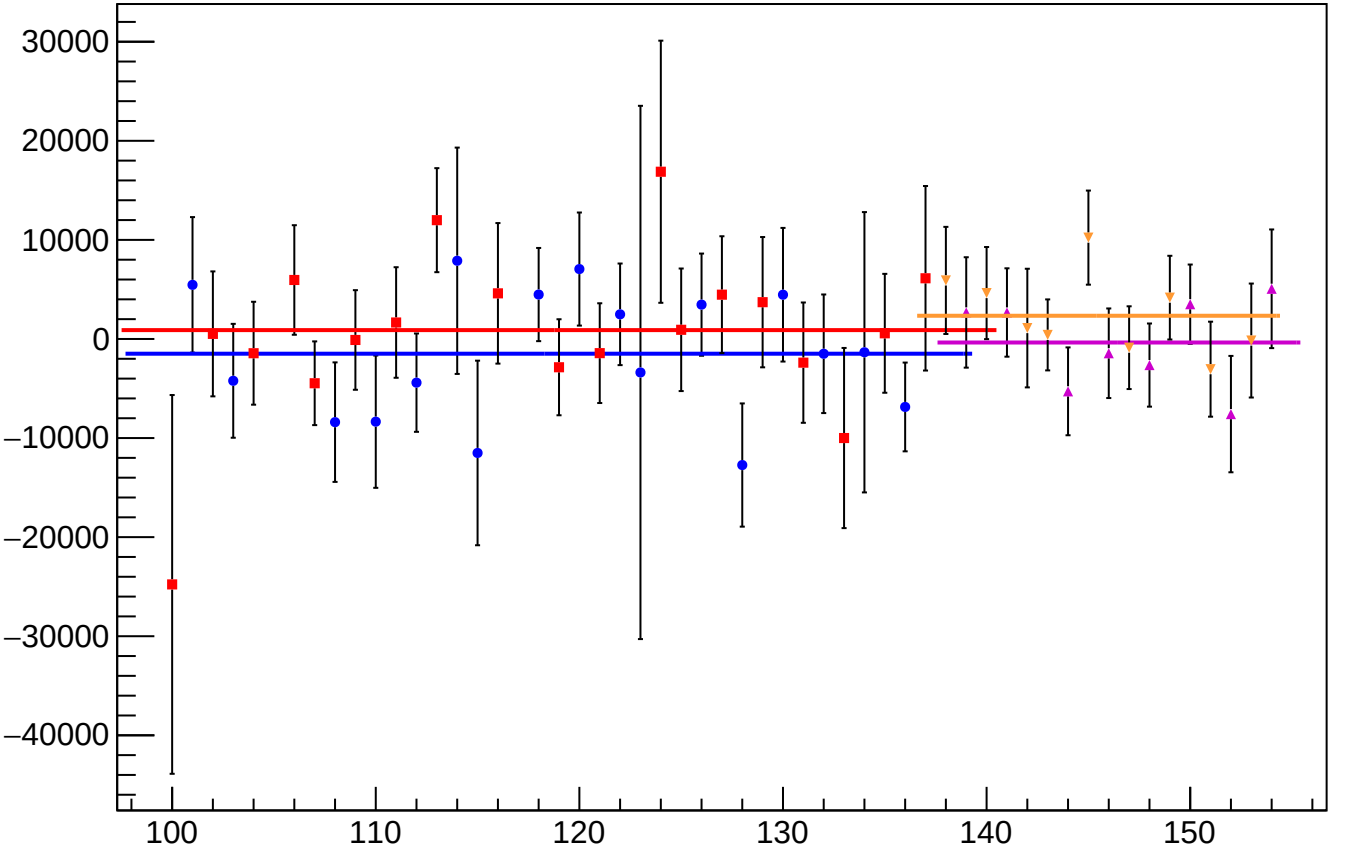
Left In: 4080.556+/-1.133 χ^2/NDF:295152.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3598.105+/-0.727 χ^2/NDF: 1752361.7/16

- 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: 2343.098+/-1547.090 χ^2/NDF:6.0/8

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

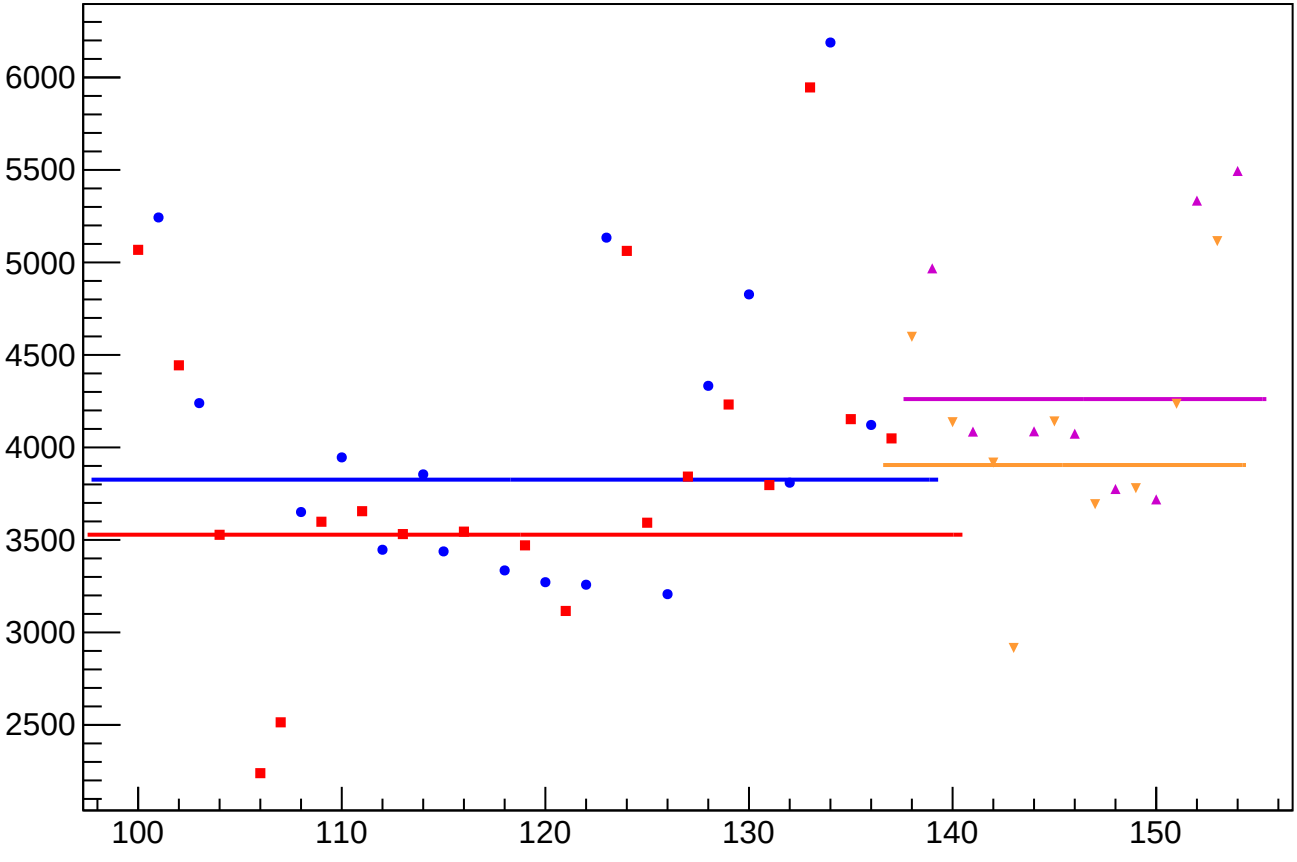
Left In: -356.897+/-1670.448 χ^2/NDF:5.6/7

+ sign 367.725+/-1076.596 χ^2/NDF: 25.8/25

All: 377.561+/-756.562 χ^2/NDF: 45.9/52

- sign 387.157+/-1063.407 χ^2/NDF: 20.1/26

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 3904.956+/-1.094 χ^2/NDF:300158.3/8

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

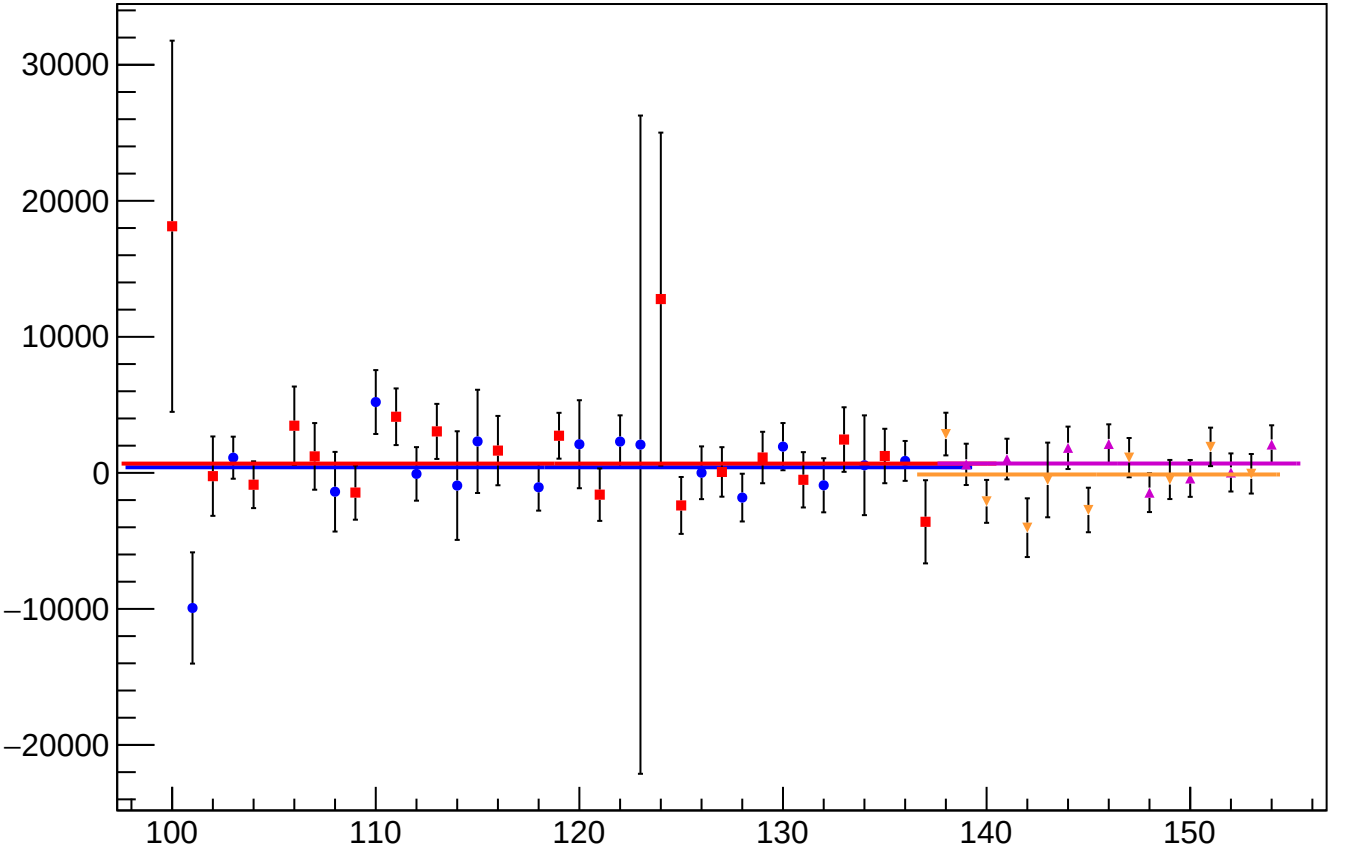
Left In: 4261.349+/-1.181 χ^2/NDF:256877.5/7

+ sign 3864.153+/-0.761 χ^2/NDF: 637260.0/25

All: 3842.777+/-0.533 χ^2/NDF: 1681864.4/52

- sign 3822.148+/-0.748 χ^2/NDF: 1043055.0/26

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -117.208+/-537.123 χ^2/NDF:13.9/8

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

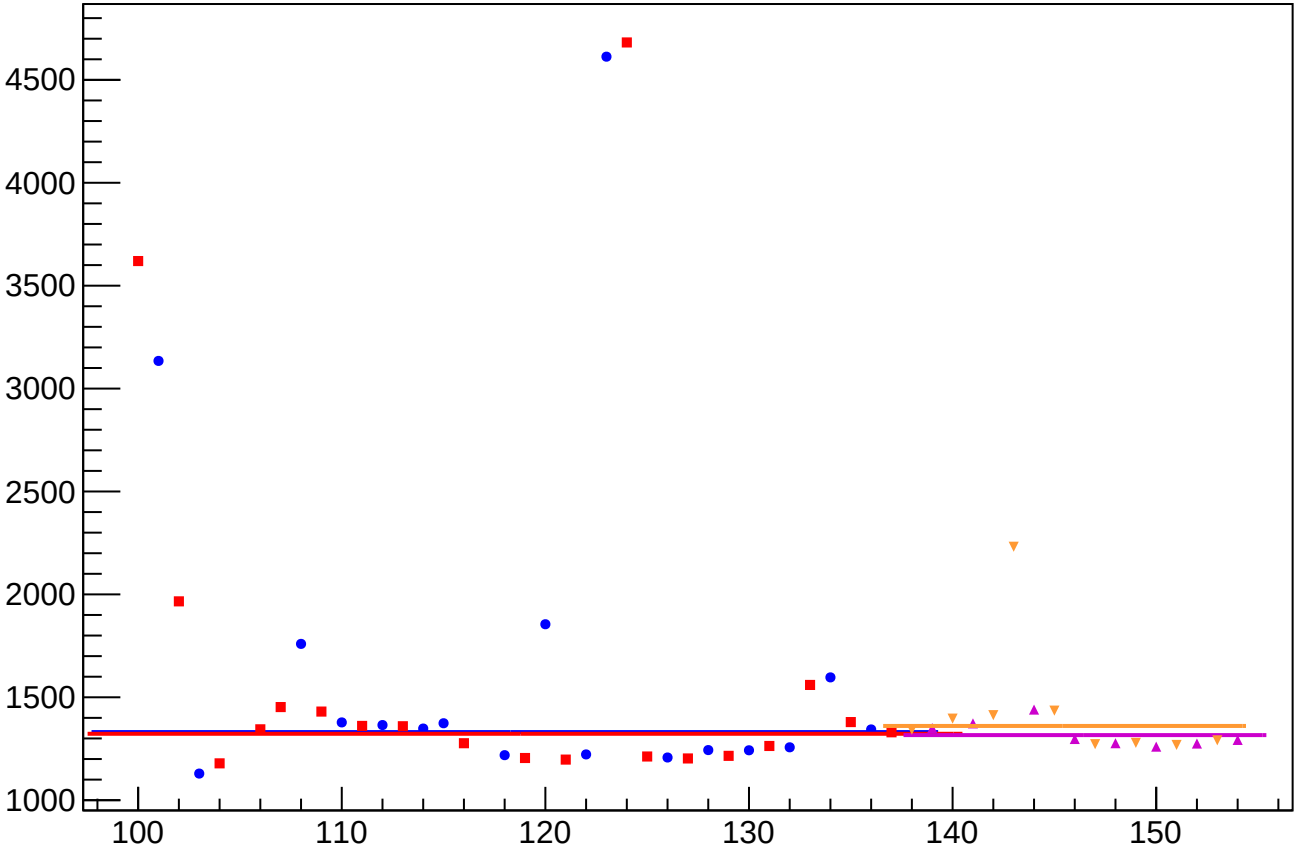
Left In: 688.158+/-511.720 χ^2/NDF:5.7/7

+ sign 151.643+/-376.529 χ^2/NDF: 30.9/25

All: 429.408+/-260.696 χ^2/NDF: 55.7/52

- sign 685.158+/-361.301 χ^2/NDF: 23.7/26

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1360.750+/-0.380 χ^2/NDF:235142.7/8

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

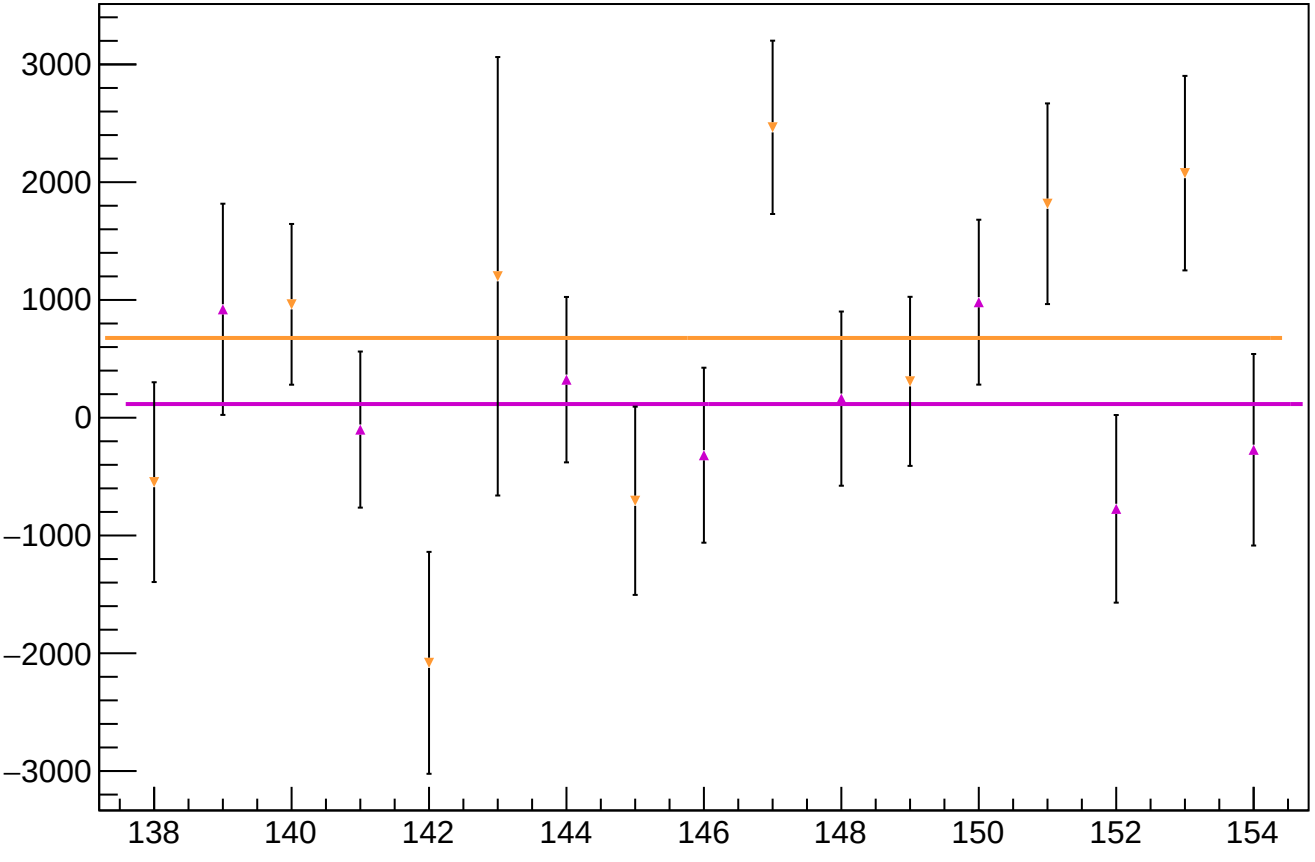
Left In: 1316.264+/-0.362 χ^2/NDF:24121.3/7

+ sign 1345.563+/-0.266 χ^2/NDF: 841760.9/25

All: 1331.991+/-0.184 χ^2/NDF: 1265445.9/52

- sign 1319.495+/-0.255 χ^2/NDF: 418693.9/26

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 677.295+/-275.776 χ^2/NDF:24.7/8

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

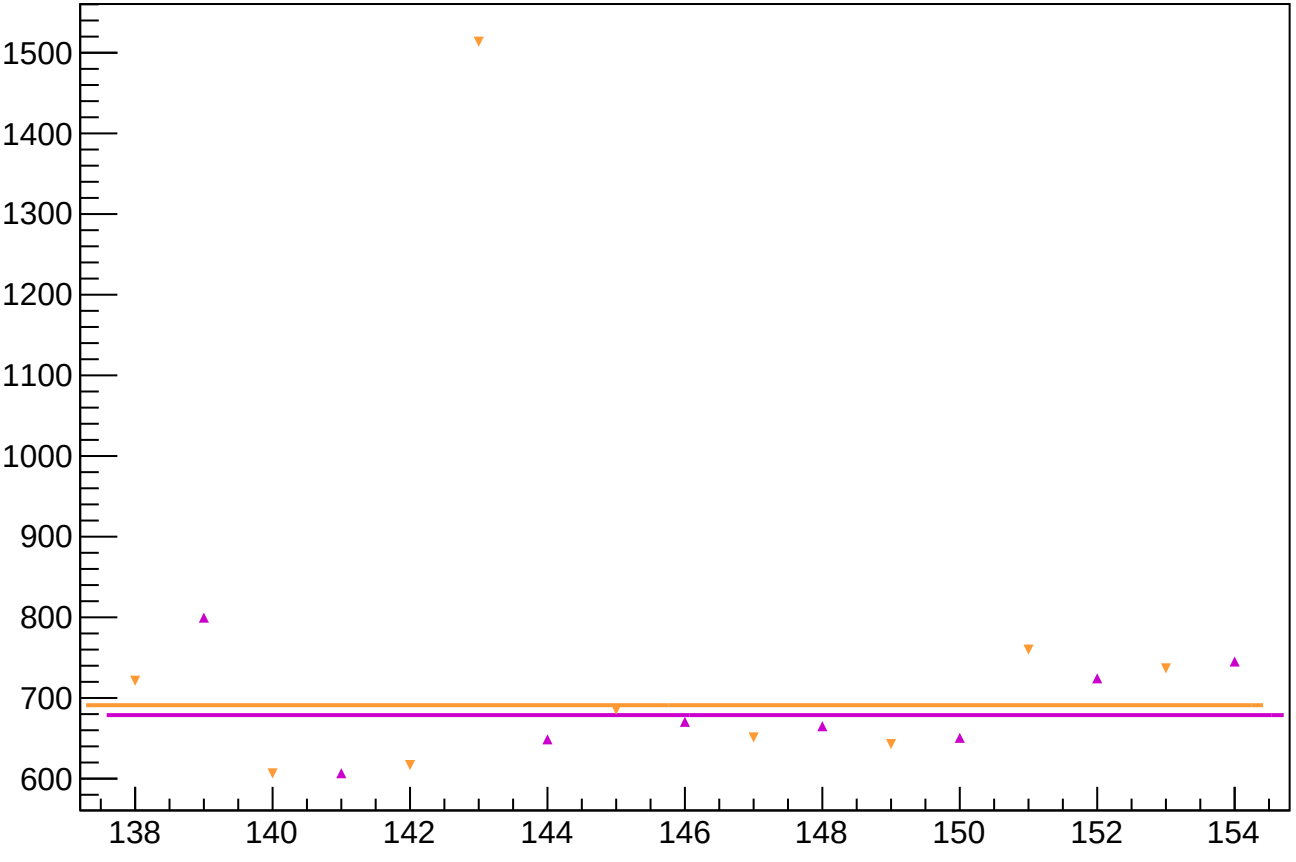
Left In: 116.076+/-264.292 χ^2/NDF:4.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 384.757+/-190.813 χ^2/NDF: 31.2/16

- 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: 691.060+/-0.195 χ^2/NDF:470420.4/8

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

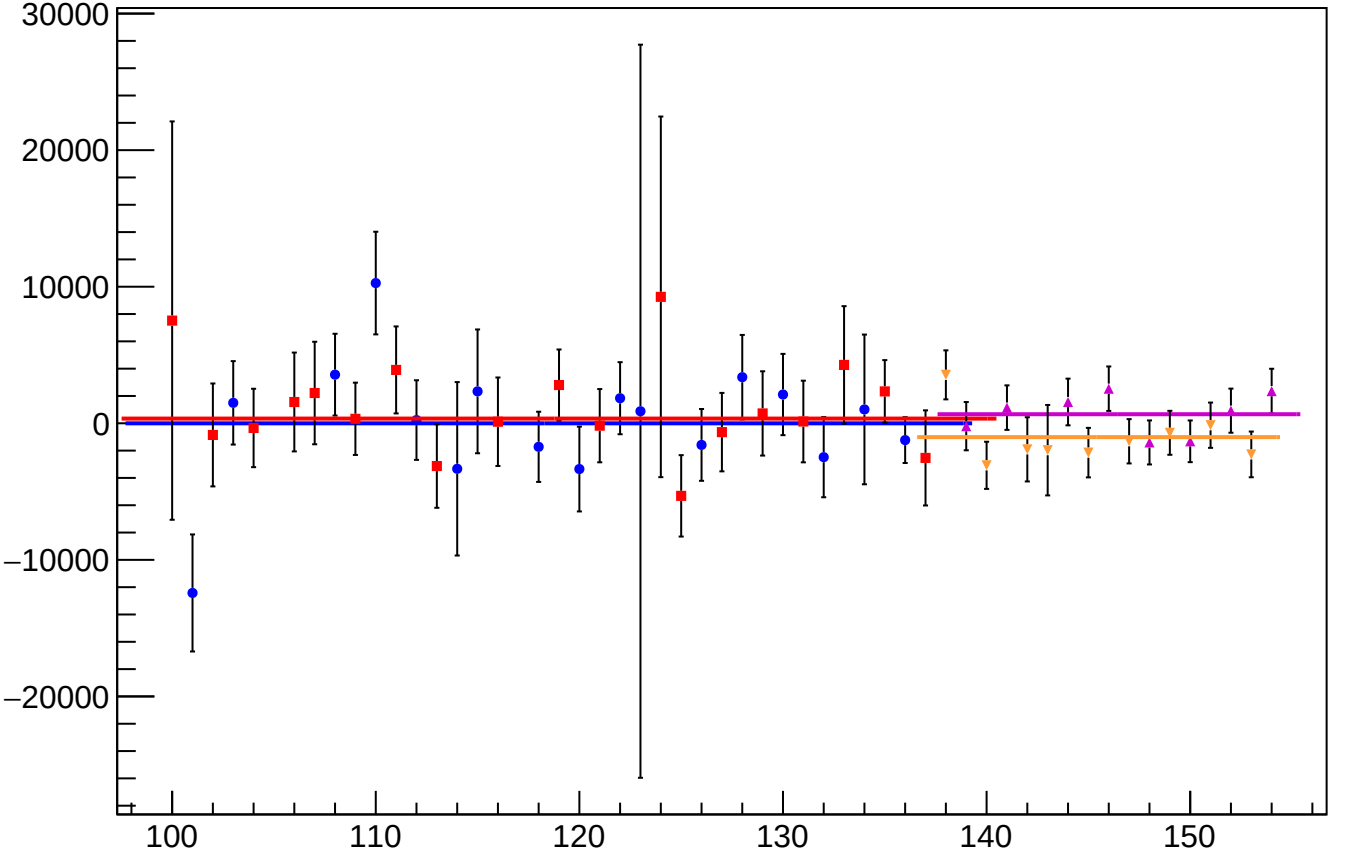
Left In: 678.781+/-0.187 χ^2/NDF:87719.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 684.660+/-0.135 χ^2/NDF: 560206.7/16

- 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: -1012.726+/-607.511 χ^2/NDF:9.4/8

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

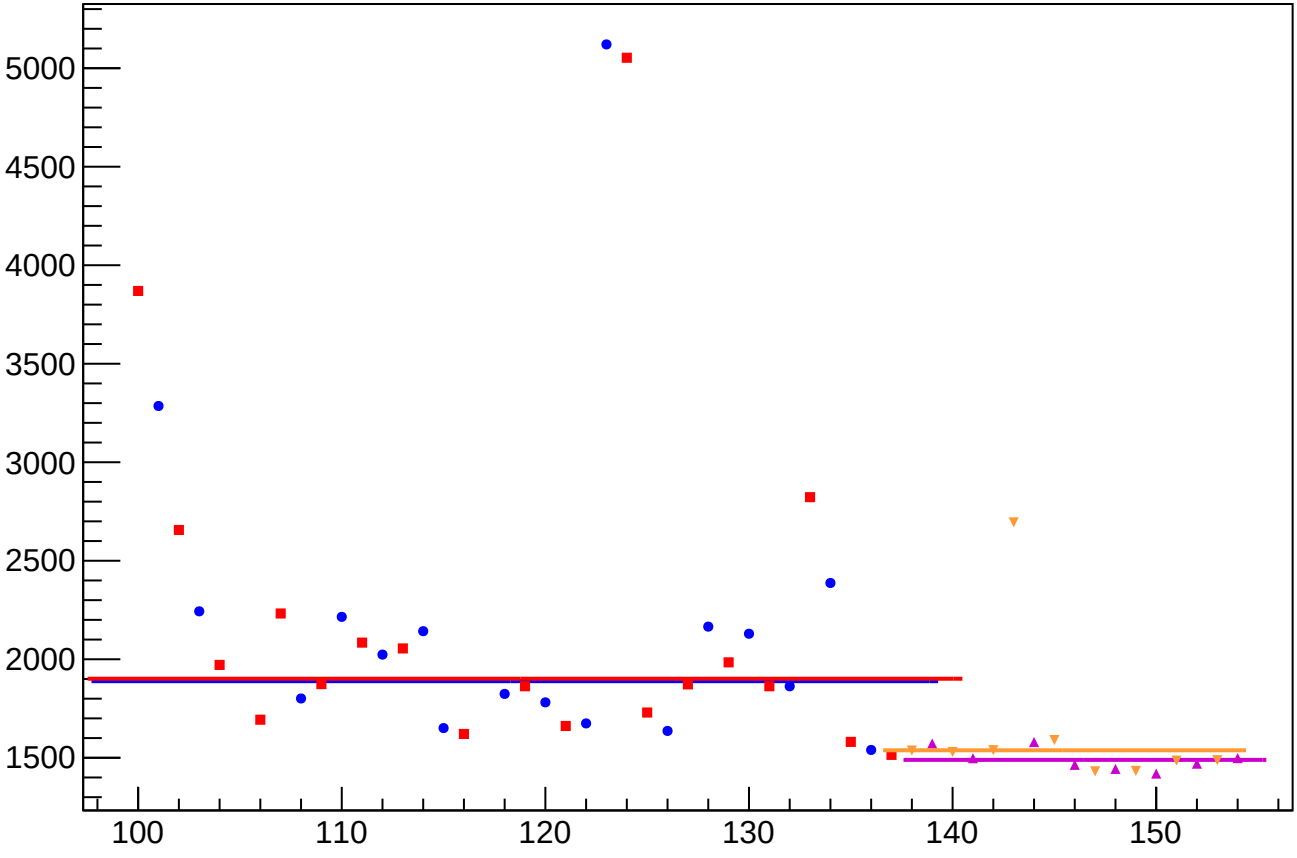
Left In: 663.623+/-578.621 χ^2/NDF:6.3/7

+ sign -609.179+/-470.832 χ^2/NDF: 34.0/25

All: -13.331+/-326.942 χ^2/NDF: 54.3/52

- sign 541.506+/-454.341 χ^2/NDF: 17.2/26

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1538.020+/-0.430 χ^2/NDF:266787.1/8

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

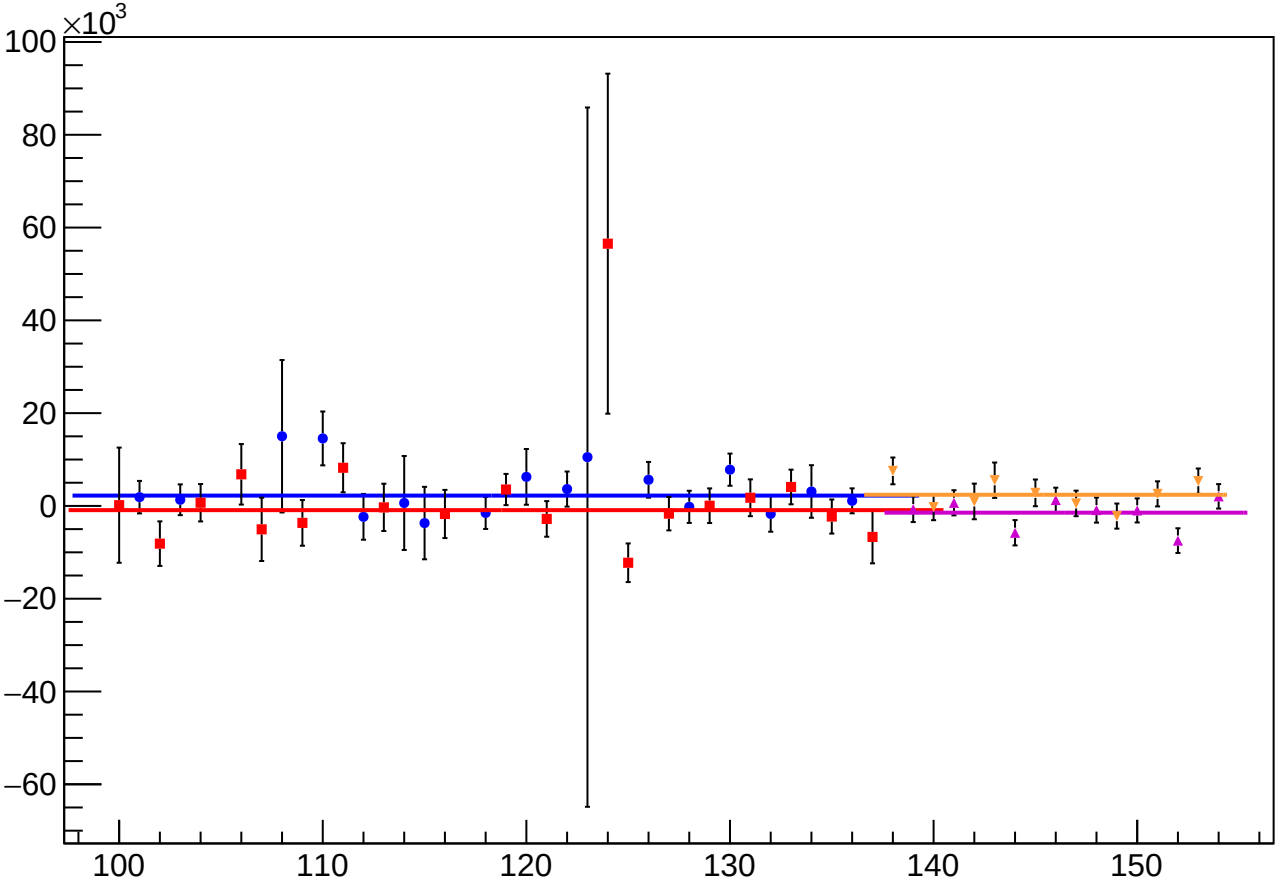
Left In: 1489.332+/-0.409 χ^2/NDF:16707.8/7

+ sign 1678.108+/-0.333 χ^2/NDF: 998928.6/25

All: 1662.145+/-0.231 χ^2/NDF: 1870157.2/52

- sign 1647.280+/-0.321 χ^2/NDF: 866788.9/26

dit_asym_atl1_mean vs Slug



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

Left Out: 2405.178+/-979.534 χ^2/NDF:9.4/8

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

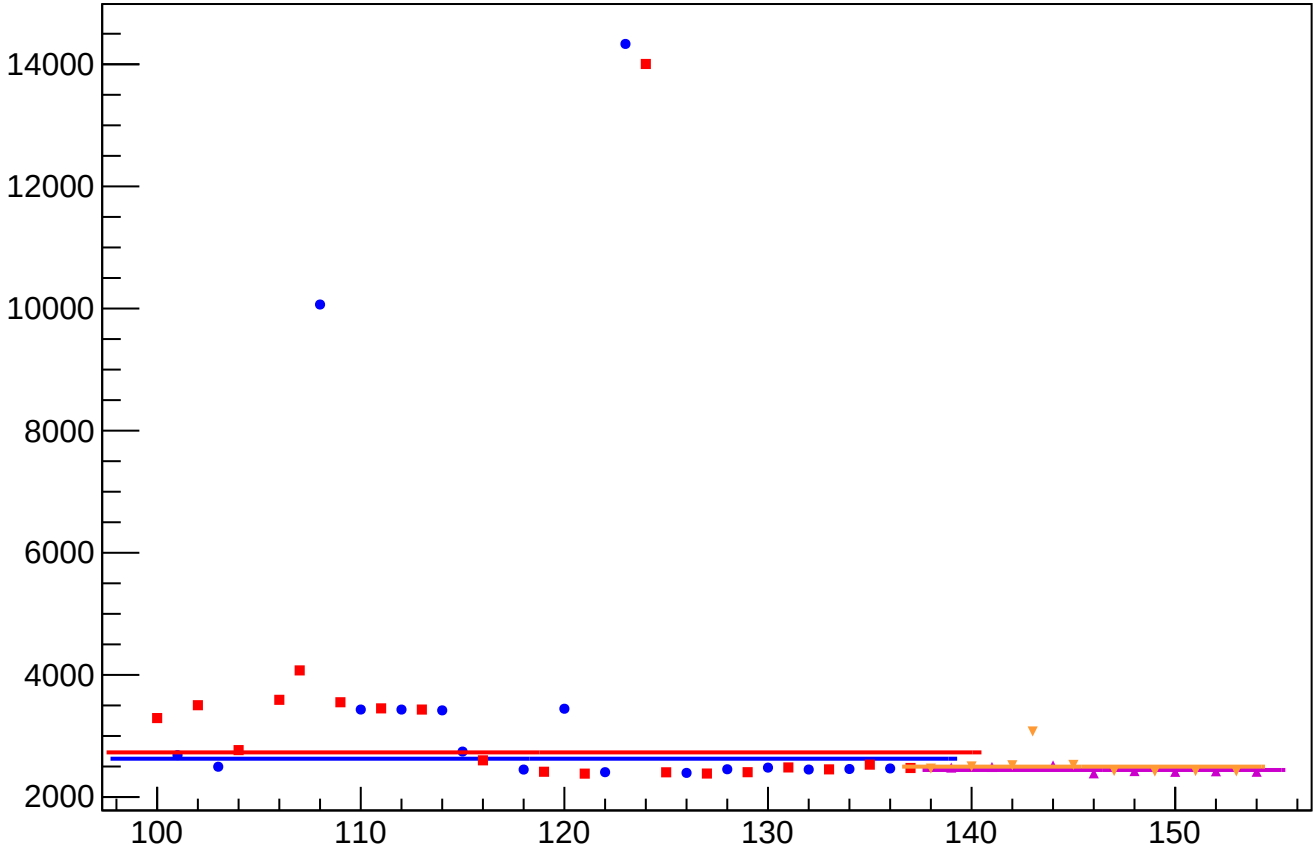
Left In: -1455.720+/-948.774 χ^2/NDF:11.3/7

+ sign 2321.602+/-712.824 χ^2/NDF: 23.0/25

All: 532.023+/-500.539 χ^2/NDF: 69.7/52

- sign -1208.647+/-703.016 χ^2/NDF: 34.3/26

dit_asym_atl1_rms vs Slug



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

Left Out: 2498.024+/-0.693 χ^2/NDF:52381.0/8

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

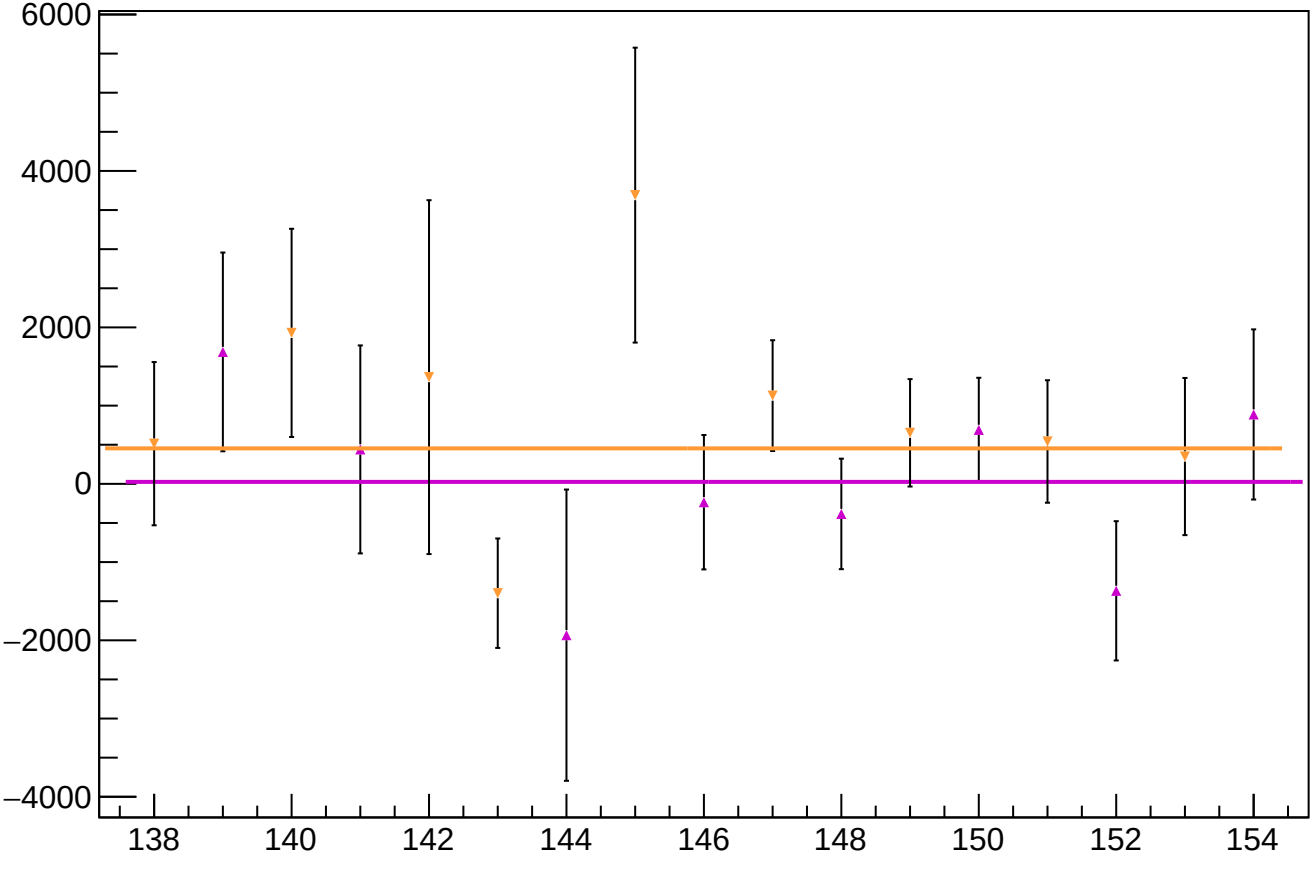
Left In: 2443.169+/-0.671 χ^2/NDF:4165.1/7

+ sign 2558.966+/-0.504 χ^2/NDF: 713234.0/25

All: 2566.127+/-0.354 χ^2/NDF: 1399168.2/52

- sign 2573.092+/-0.497 χ^2/NDF: 685536.1/26

asym_atl1_correction_mean vs Slug



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

Left Out: 453.682+/-305.098 χ^2/NDF:12.4/8

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

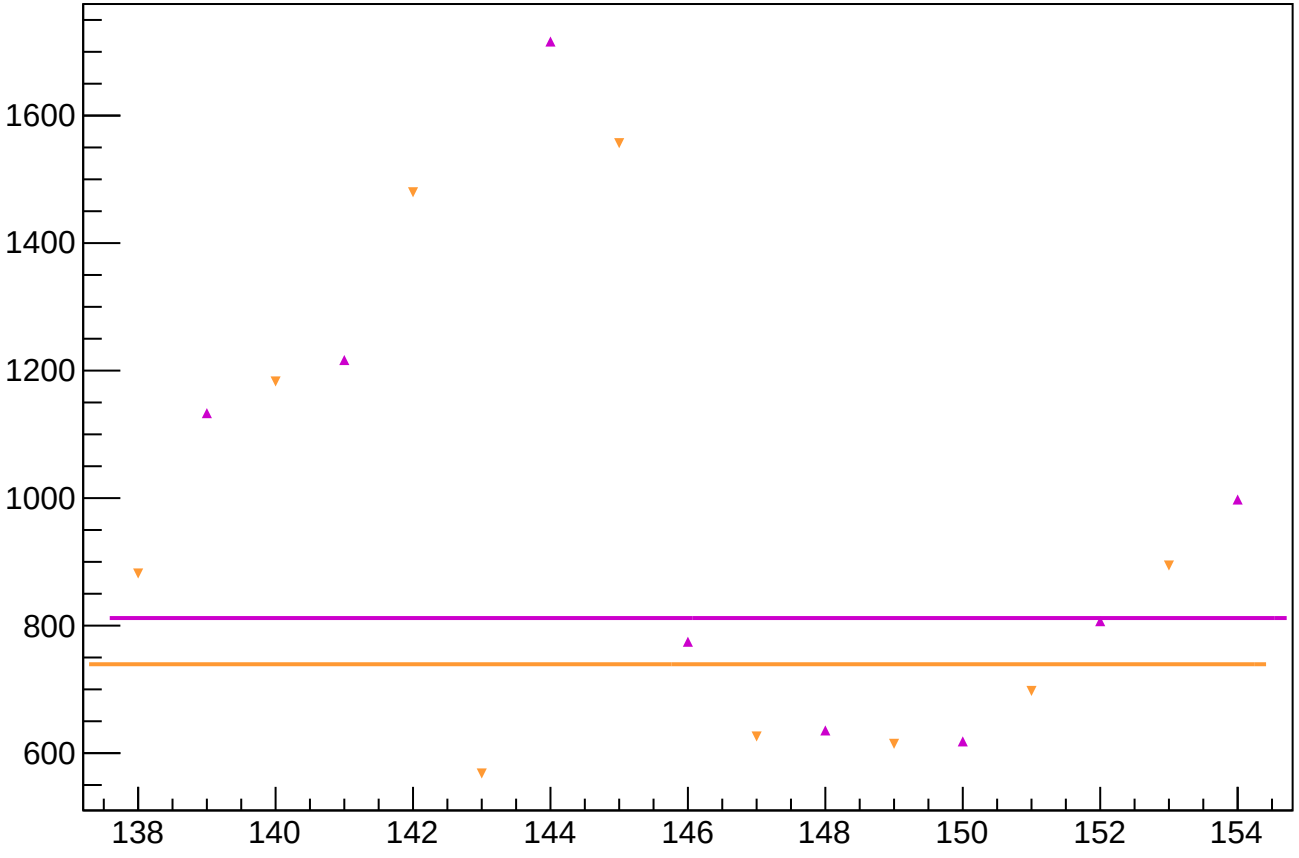
Left In: 25.127+/-329.715 χ^2/NDF:7.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 255.999+/-223.934 χ^2/NDF: 20.7/16

- 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: 739.427+/-0.216 χ^2/NDF:1140267.0/8

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

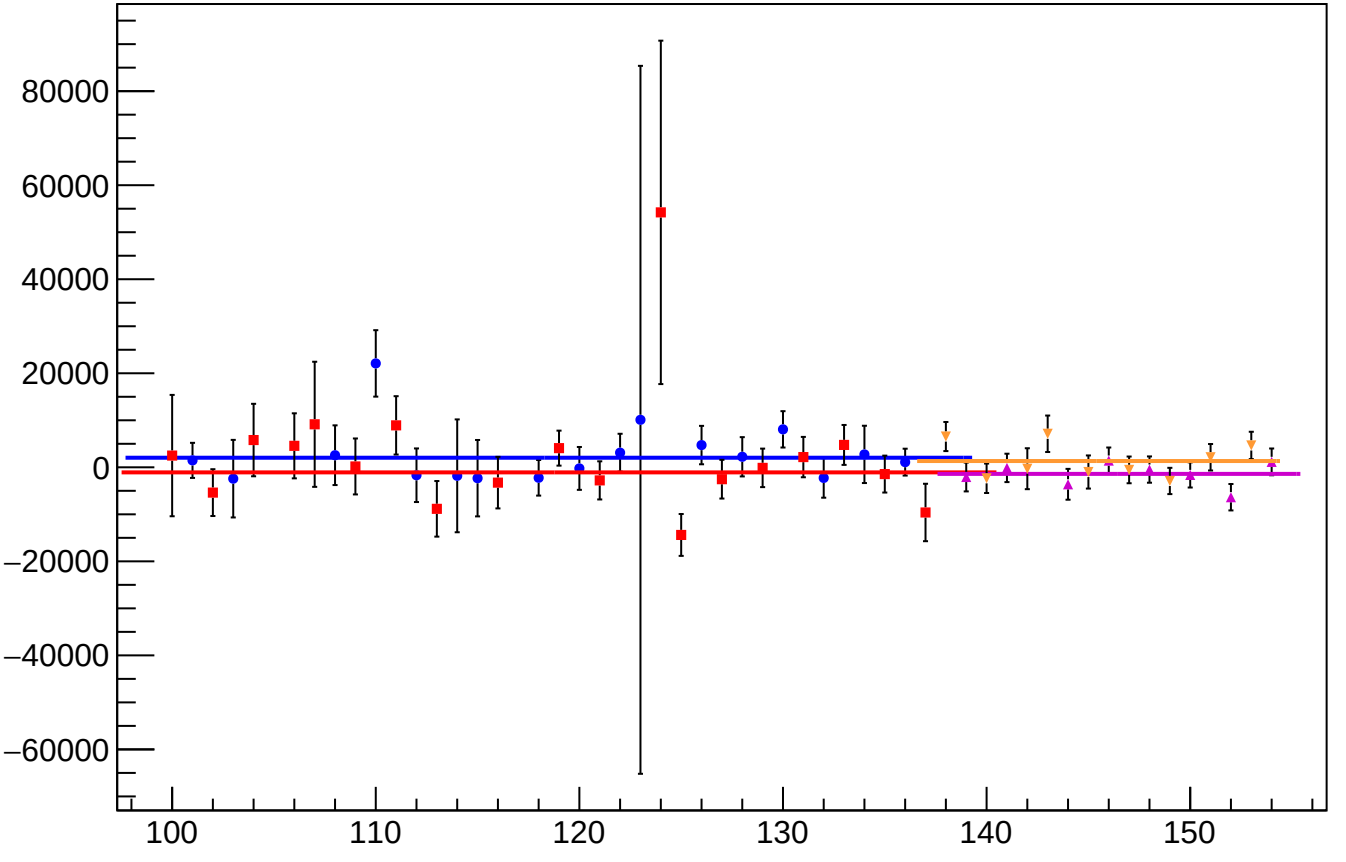
Left In: 811.873+/-0.233 χ^2/NDF:1141087.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 772.845+/-0.158 χ^2/NDF: 2333371.5/16

- 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: 1334.146+/-1052.300 χ^2/NDF:11.2/8

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

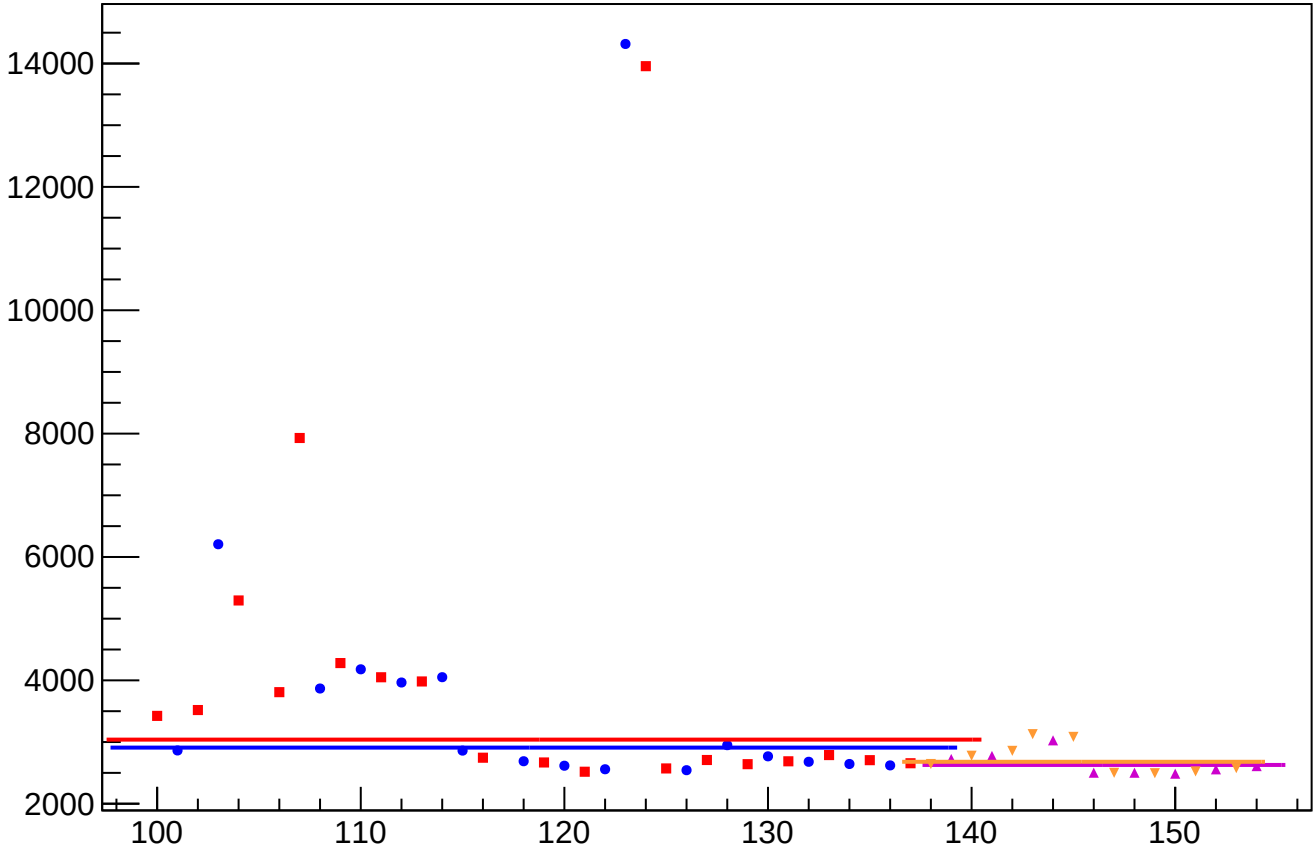
Left In: -1399.723+/-1022.754 χ^2/NDF:5.8/7

+ sign 1654.389+/-776.771 χ^2/NDF: 26.2/25

All: 191.585+/-548.533 χ^2/NDF: 64.4/52

- sign -1263.505+/-774.719 χ^2/NDF: 31.1/26

asym_atl1_rms vs Slug



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

Left Out: 2679.687+/-0.744 χ^2/NDF:83916.4/8

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

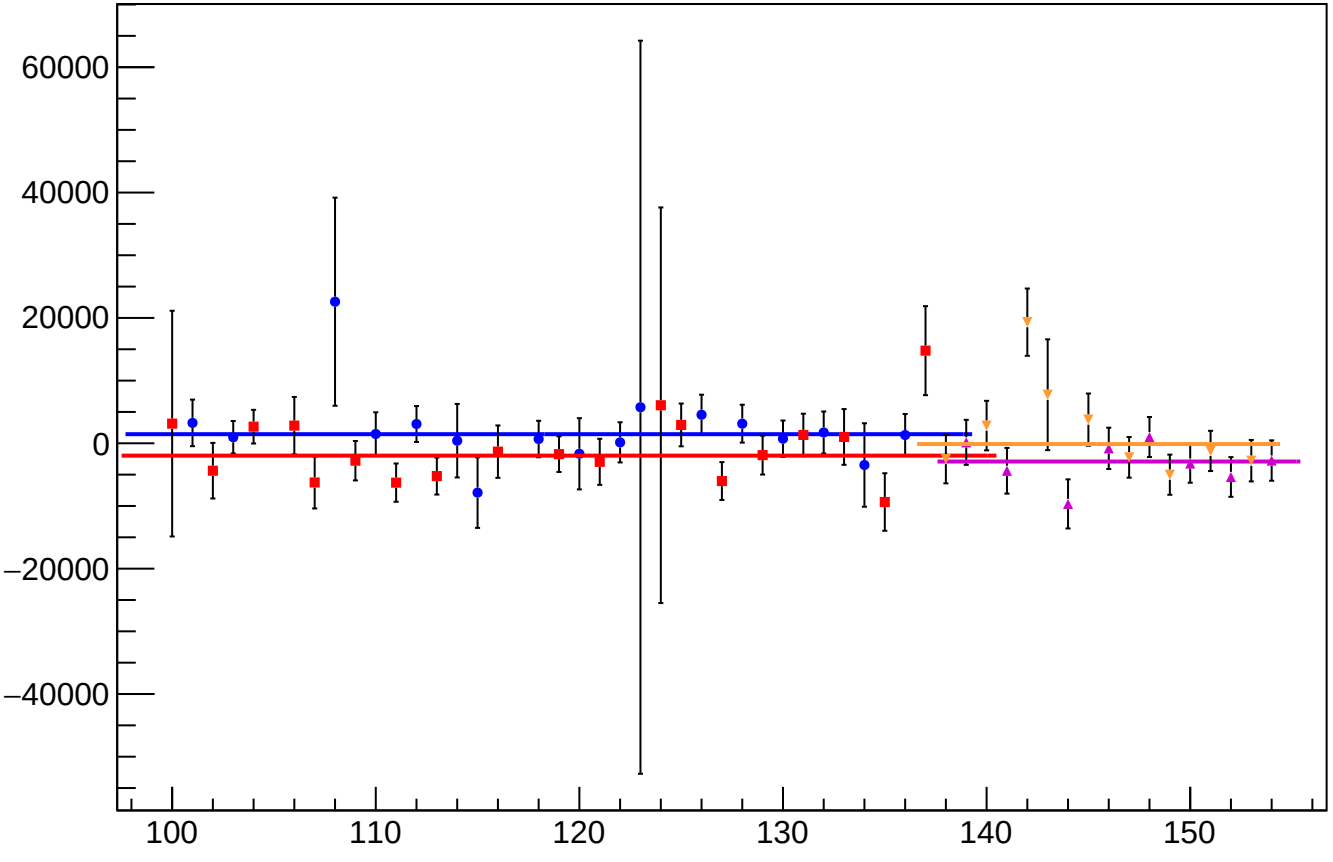
Left In: 2628.427+/-0.723 χ^2/NDF:51363.8/7

+ sign 2784.383+/-0.549 χ^2/NDF: 769312.1/25

All: 2793.952+/-0.388 χ^2/NDF: 1970039.3/52

- sign 2803.471+/-0.548 χ^2/NDF: 1200121.8/26

dit_asym_atl2_mean vs Slug



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

Left Out: -120.272+/-1273.166 χ^2/NDF:19.2/8

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

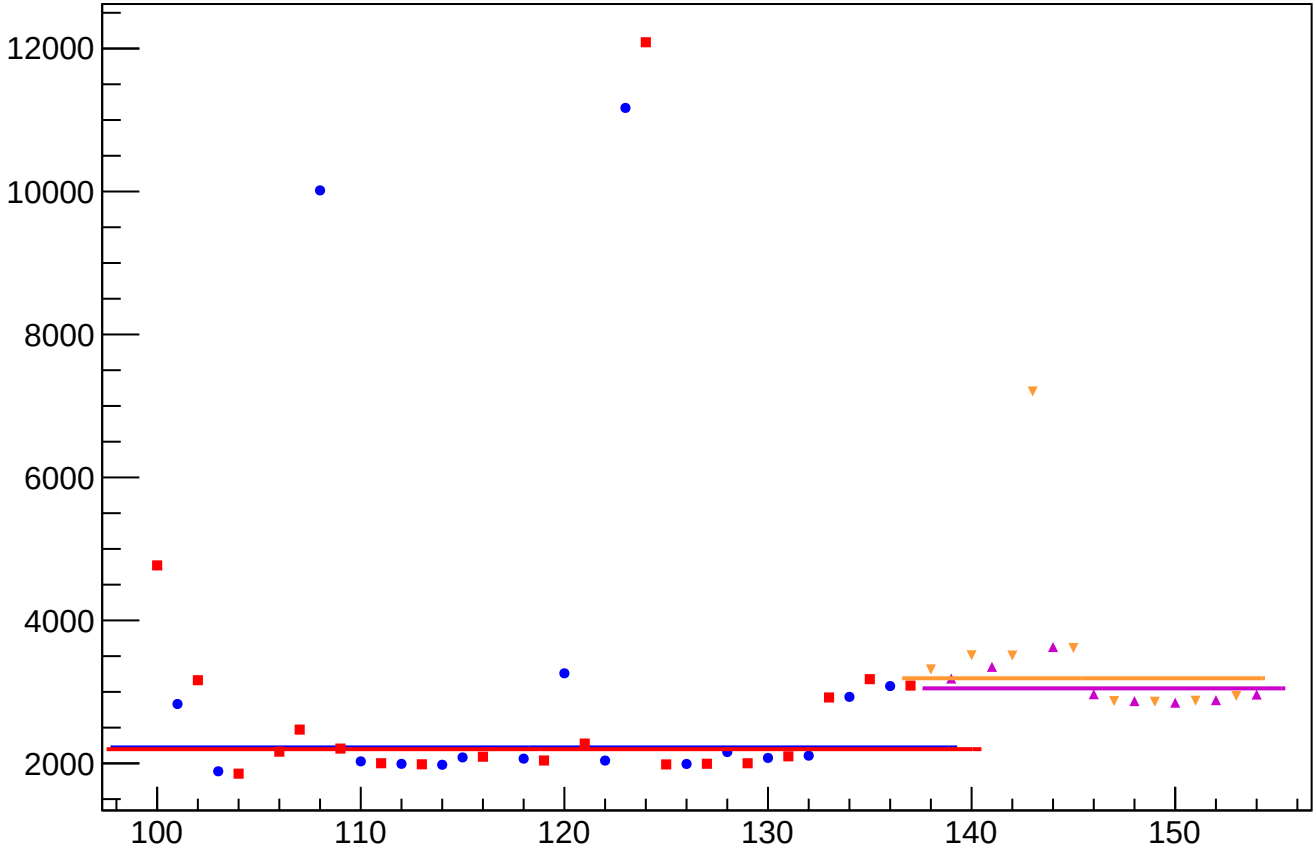
Left In: -2911.010+/-1186.312 χ^2/NDF:6.4/7

+ sign 936.650+/-728.897 χ^2/NDF: 27.7/25

All: -761.675+/-501.554 χ^2/NDF: 67.2/52

- sign -2288.920+/-691.210 χ^2/NDF: 29.2/26

dit_asym_atl2_rms vs Slug



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

Left Out: 3190.623+/-0.900 χ^2/NDF:525773.0/8

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

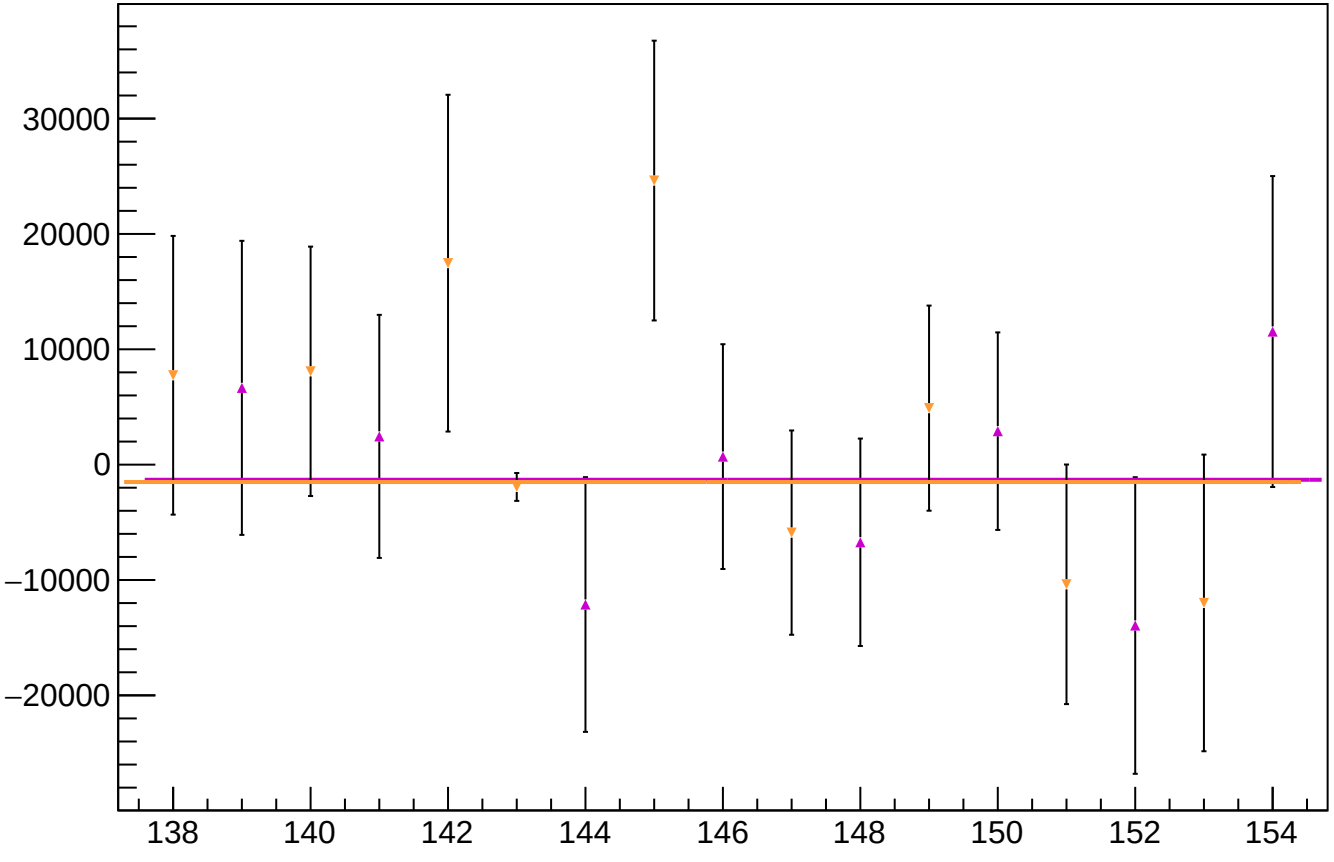
Left In: 3049.271+/-0.839 χ^2/NDF:83005.1/7

+ sign 2540.241+/-0.515 χ^2/NDF: 2152443.7/25

All: 2512.312+/-0.355 χ^2/NDF: 3522781.1/52

- sign 2487.220+/-0.489 χ^2/NDF: 1364763.0/26

asym_atl2_correction_mean vs Slug



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

Left Out: -1506.149+/-1153.053 χ^2/NDF:10.0/8

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

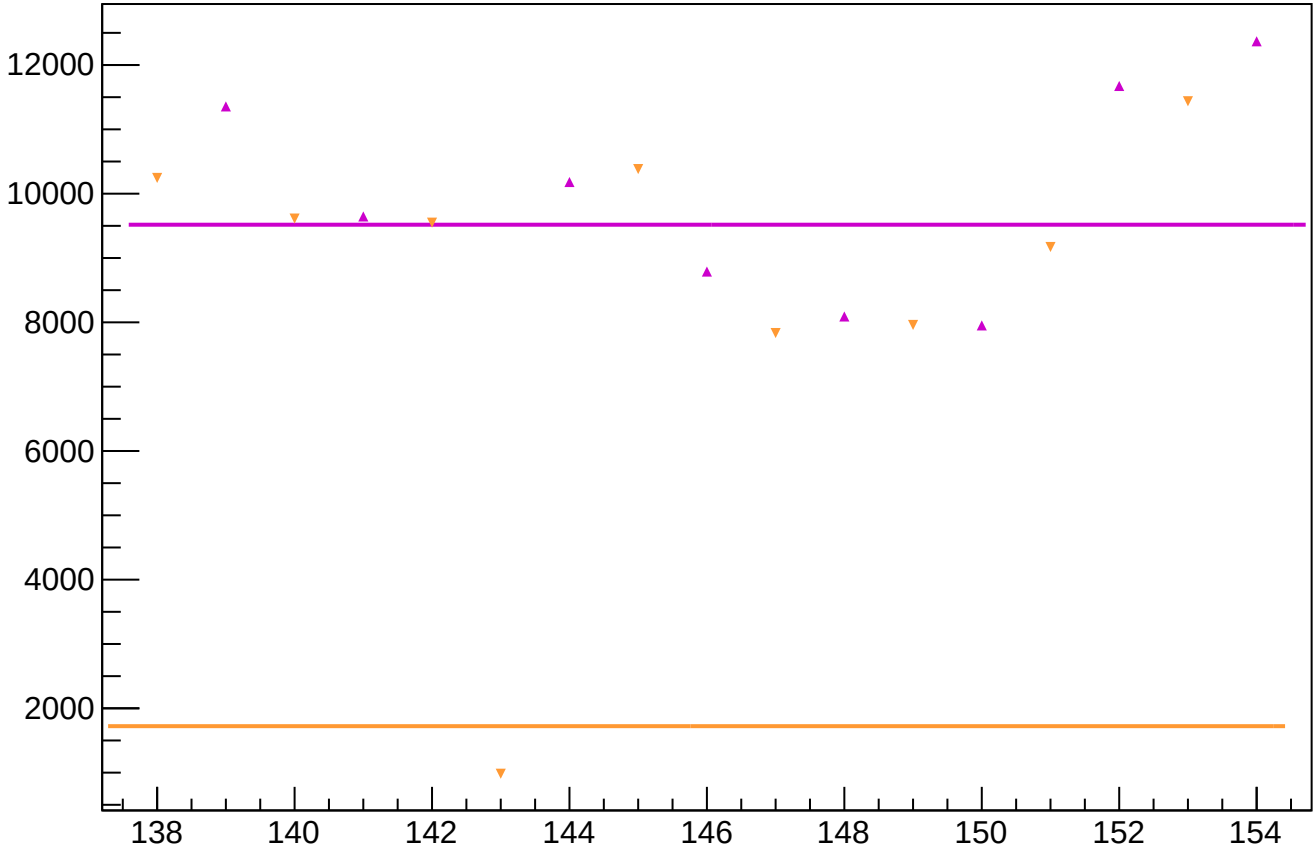
Left In: -1309.287+/-3740.577 χ^2/NDF:4.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1489.066+/-1101.889 χ^2/NDF: 14.0/16

- 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: 1722.329+/-0.815 χ^2/NDF:8511943.4/8

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

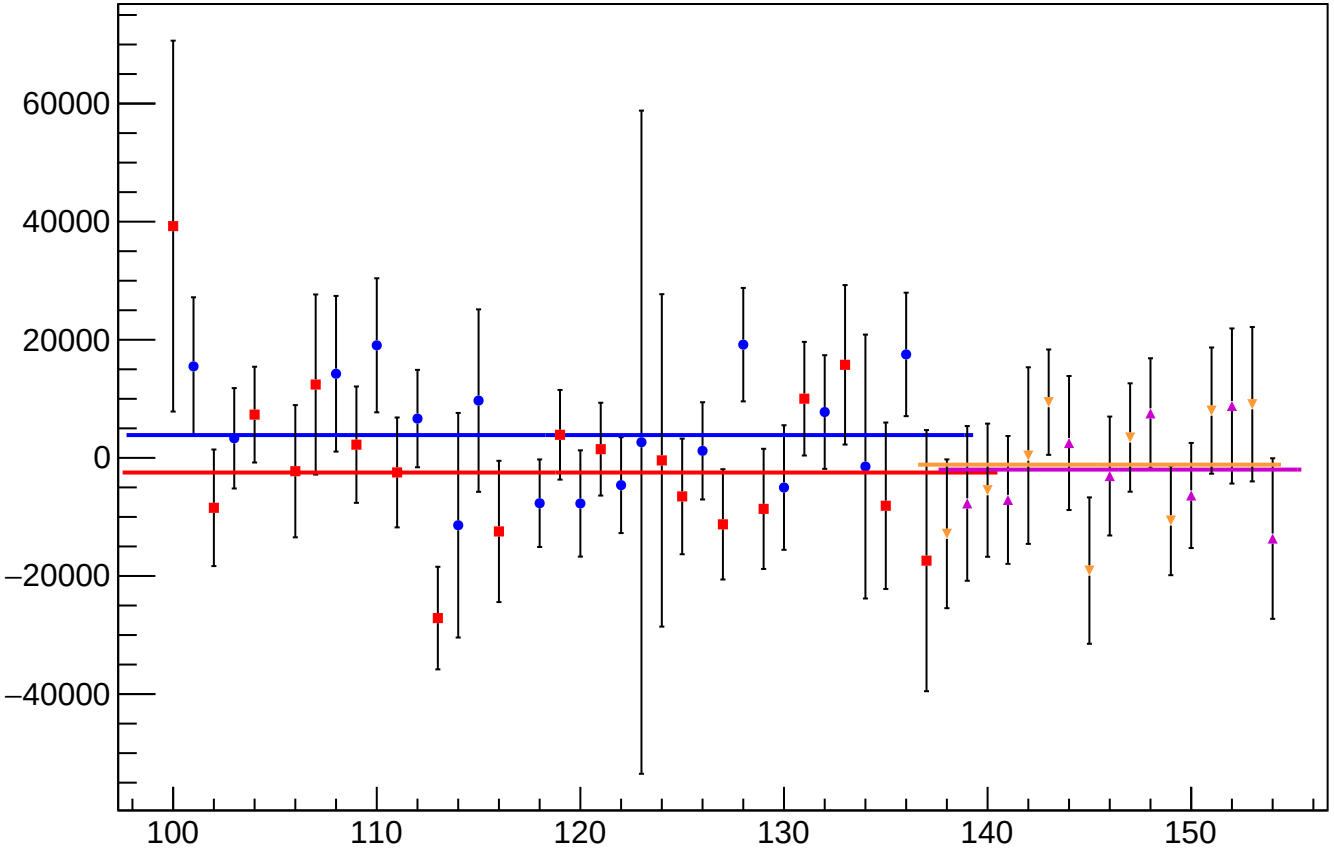
Left In: 9517.612+/-2.645 χ^2/NDF:323352.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2398.772+/-0.779 χ^2/NDF: 16767501.9/1

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_atl2_mean vs Slug



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

Left Out: -1149.814+/-3631.194 χ^2/NDF:7.2/8

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

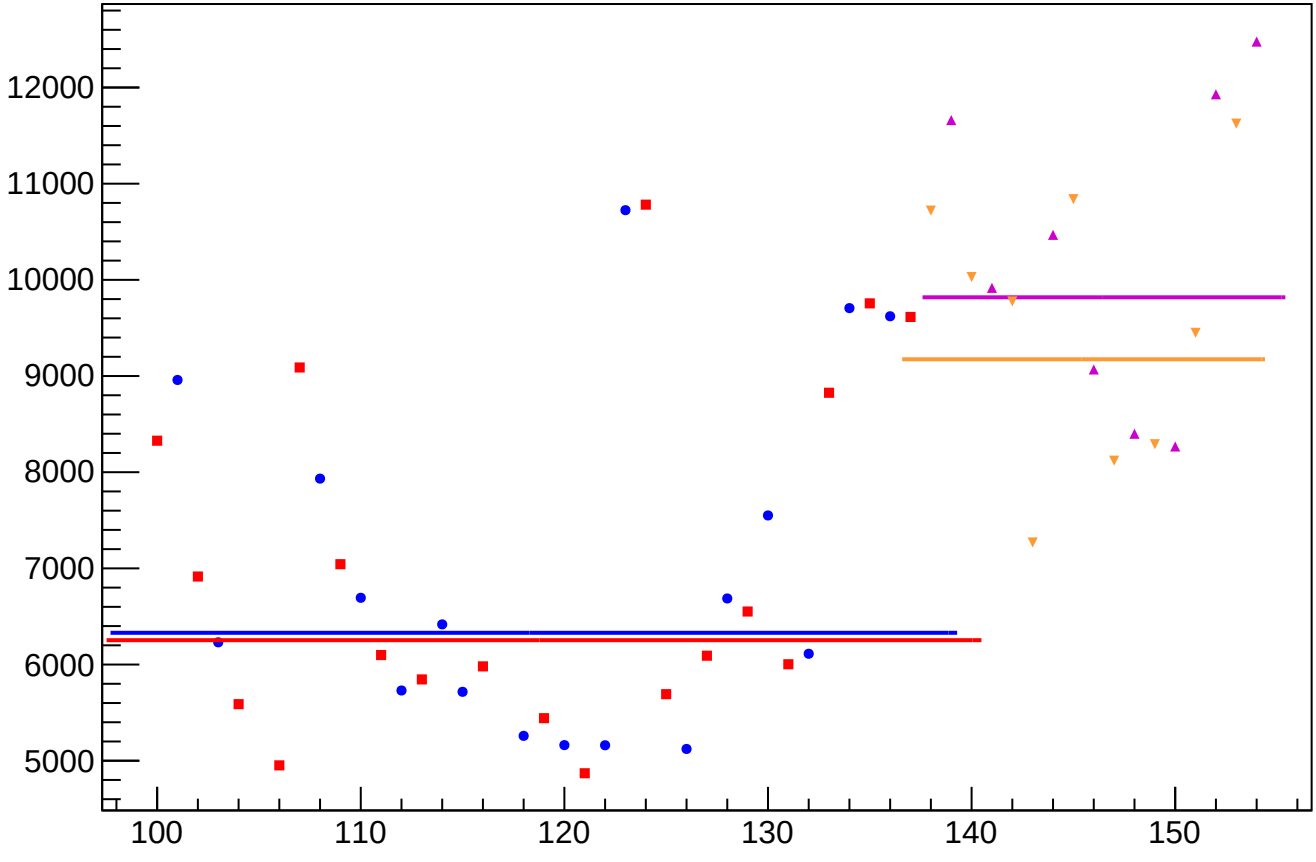
Left In: -1984.643+/-3854.929 χ^2/NDF:3.3/7

+ sign 2241.202+/-2064.063 χ^2/NDF: 23.2/25

All: -65.599+/-1454.657 χ^2/NDF: 49.0/52

- sign -2341.957+/-2050.398 χ^2/NDF: 23.3/26

asym_atl2_rms vs Slug



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

Left Out: 9174.266+/-2.568 χ^2/NDF:288293.9/8

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

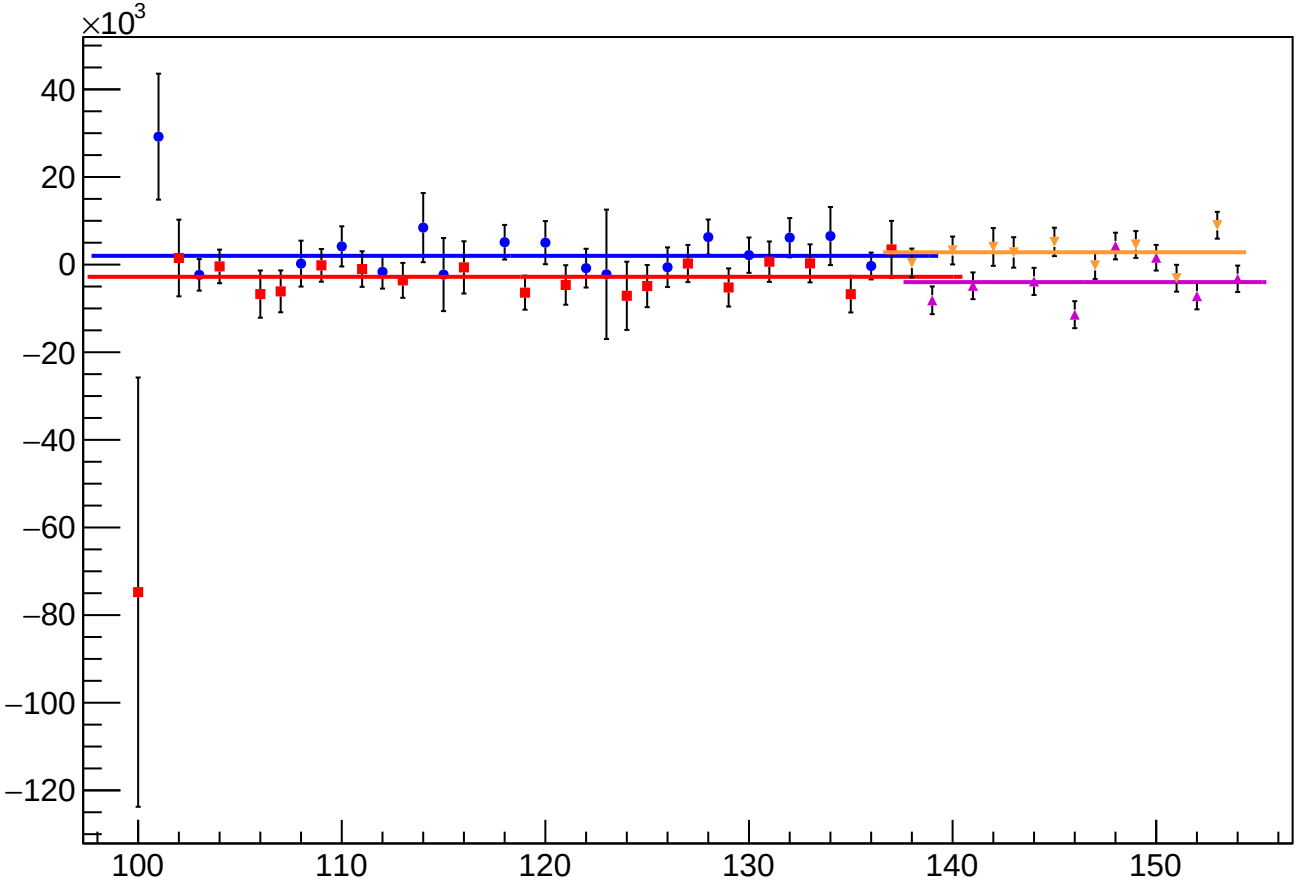
Left In: 9818.427+/-2.726 χ^2/NDF:292470.9/7

+ sign 7249.194+/-1.460 χ^2/NDF: 1712120.8/25

All: 7255.566+/-1.029 χ^2/NDF: 3766652.3/52

- sign 7261.854+/-1.450 χ^2/NDF: 2054493.6/26

dit_asym_atr1_mean vs Slug



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

Left Out: 2822.423+/-1086.236 χ^2/NDF:10.3/8

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

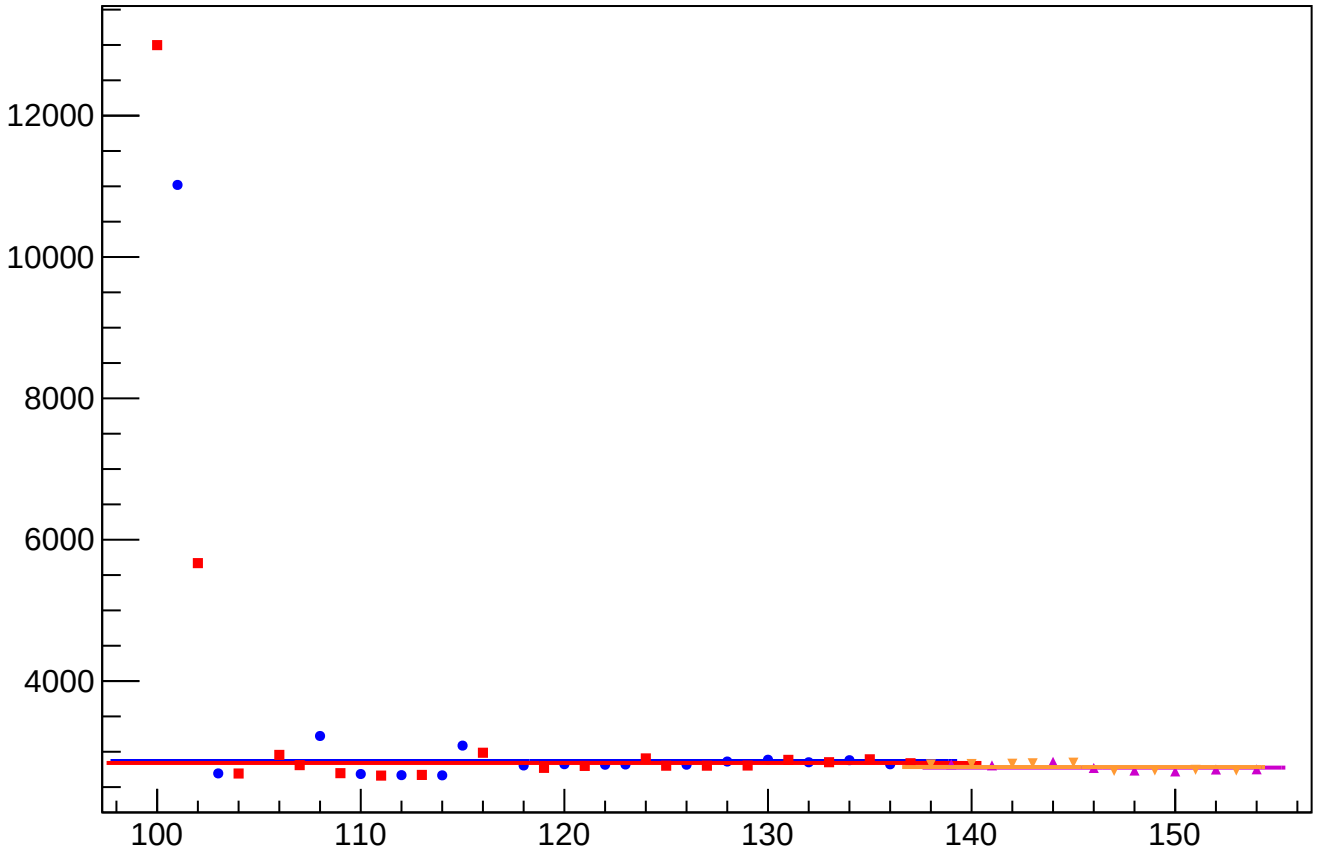
Left In: -3994.182+/-1077.293 χ^2/NDF:19.8/7

+ sign 2431.558+/-784.507 χ^2/NDF: 22.6/25

All: -554.276+/-547.658 χ^2/NDF: 81.1/52

- sign -3392.568+/-764.878 χ^2/NDF: 30.3/26

dit_asym_atr1_rms vs Slug



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

Left Out: 2783.666+/-0.768 χ^2/NDF:4051.0/8

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

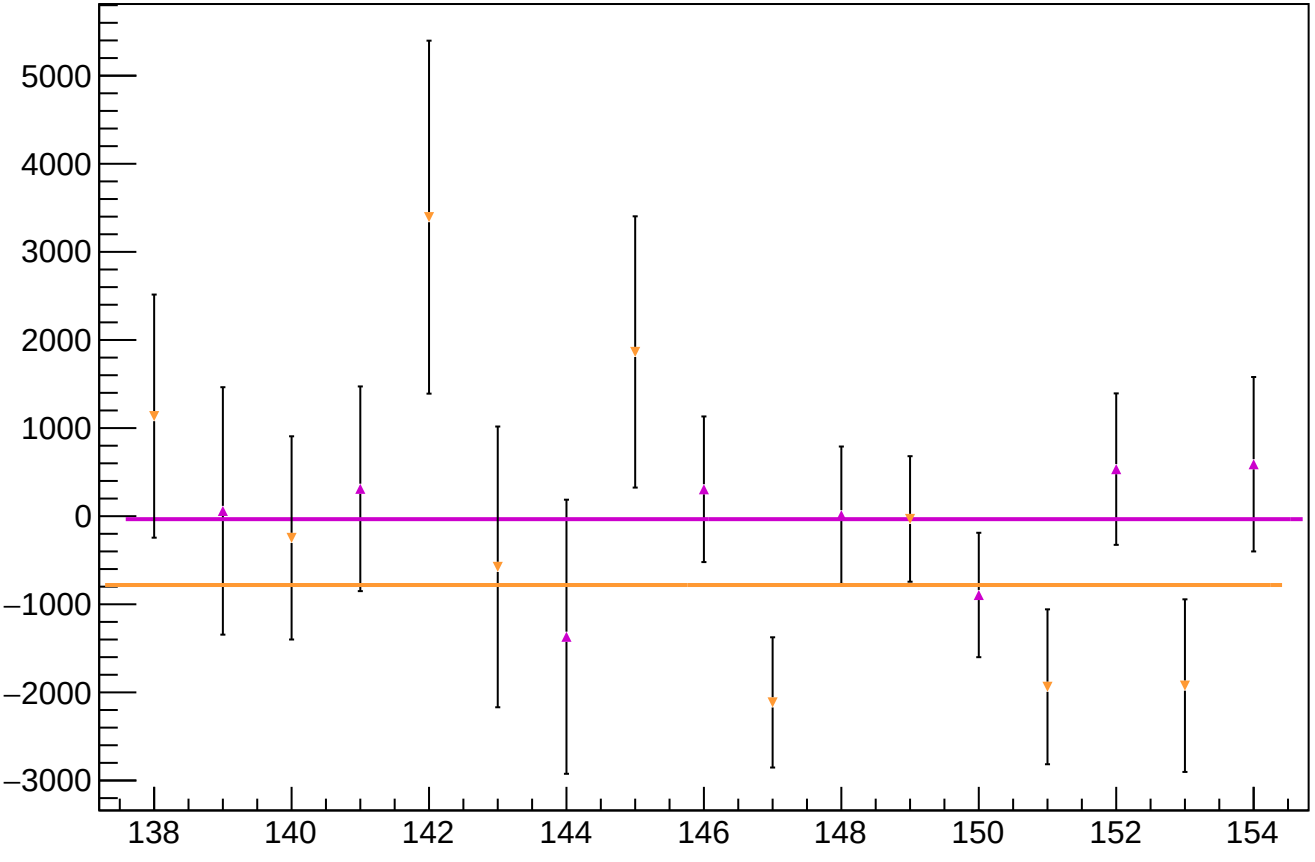
Left In: 2775.567+/-0.762 χ^2/NDF:3397.7/7

+ sign 2824.583+/-0.555 χ^2/NDF: 679883.7/25

All: 2816.232+/-0.387 χ^2/NDF: 999968.4/52

- sign 2808.293+/-0.541 χ^2/NDF: 319642.6/26

asym_atr1_correction_mean vs Slug



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

Left Out: -781.248+/-343.443 χ^2/NDF:16.9/8

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

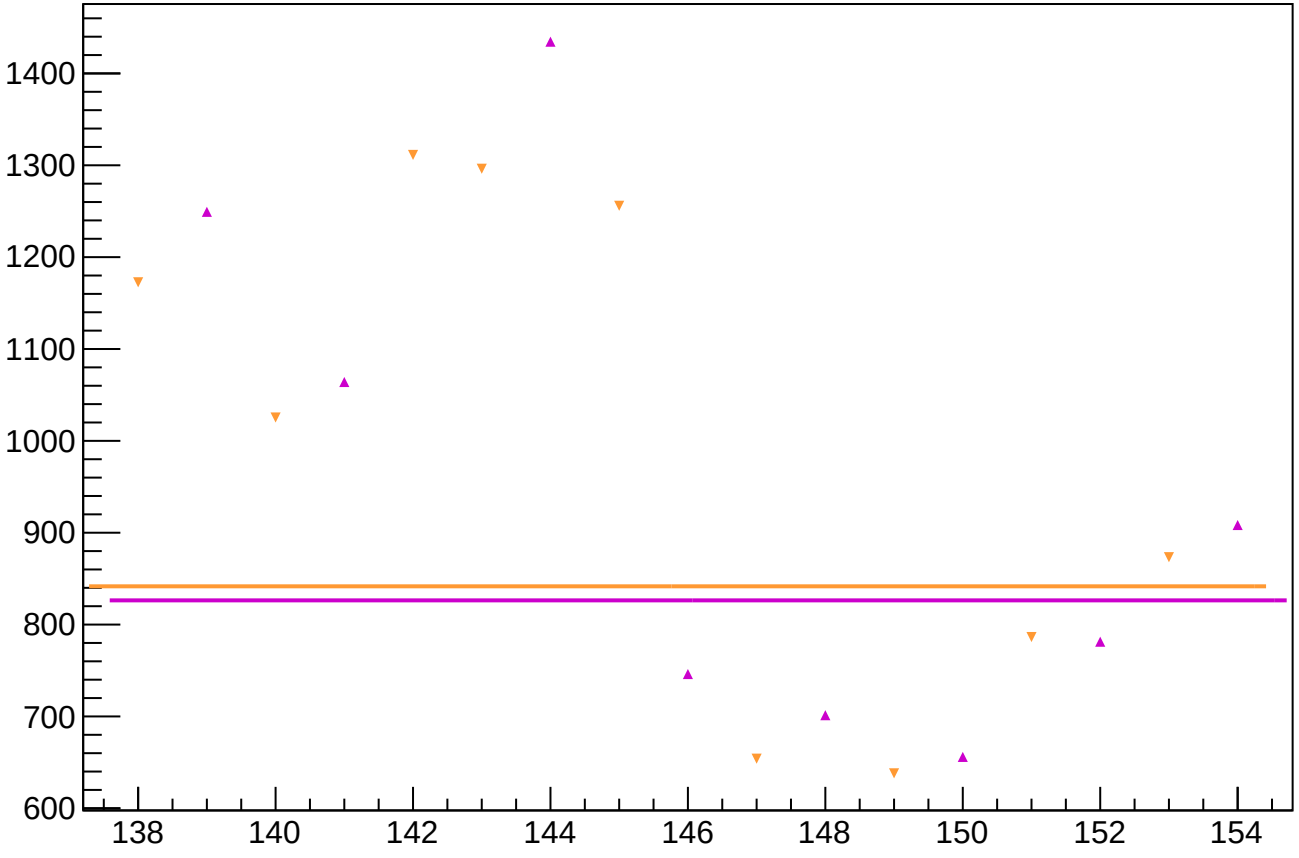
Left In: -33.783+/-330.603 χ^2/NDF:3.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -393.282+/-238.181 χ^2/NDF: 22.7/16

- 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: 841.650+/-0.243 χ^2/NDF:885554.4/8

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

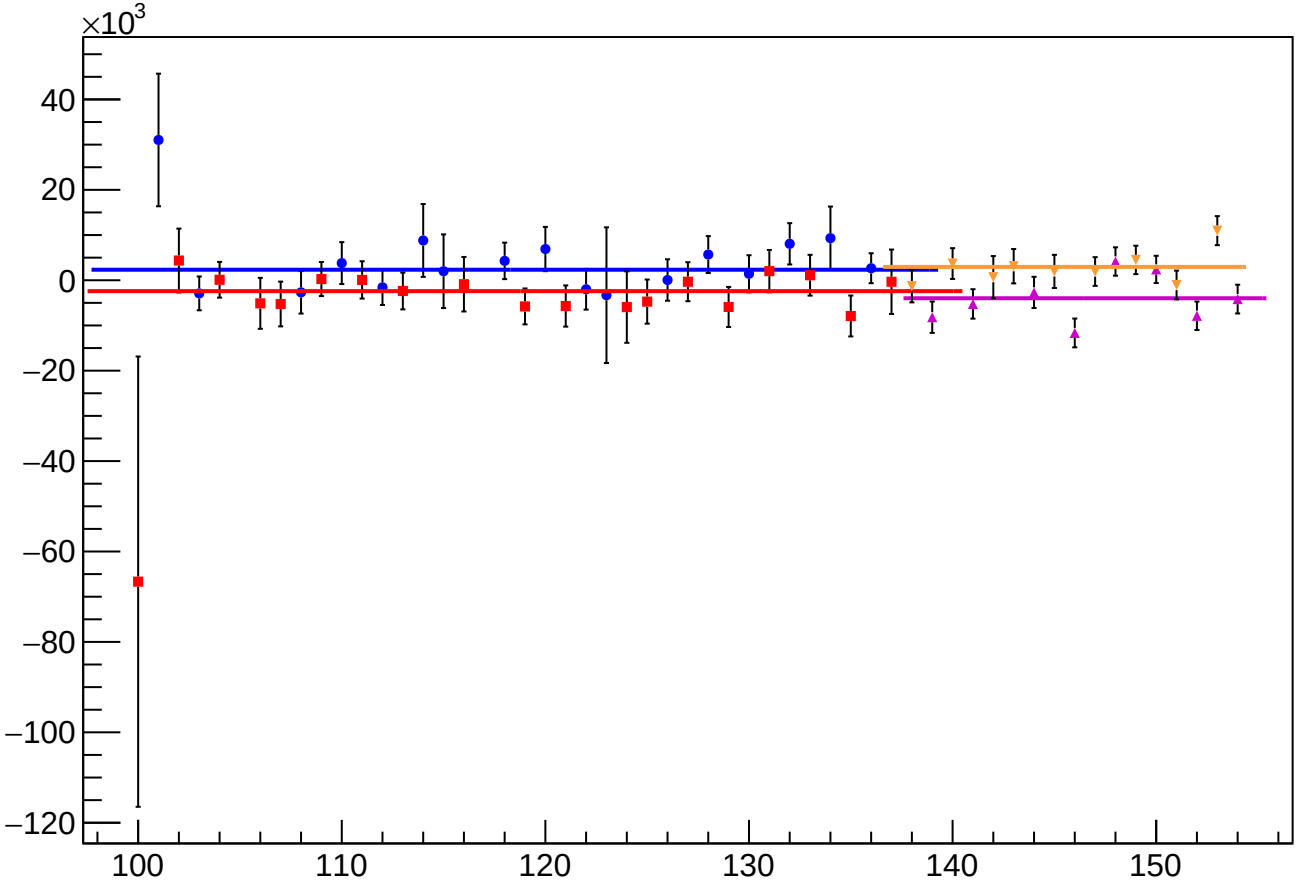
Left In: 826.358+/-0.234 χ^2/NDF:776865.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 833.713+/-0.168 χ^2/NDF: 1664477.7/16

- 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: 2954.292+/-1154.674 χ^2/NDF:9.9/8

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

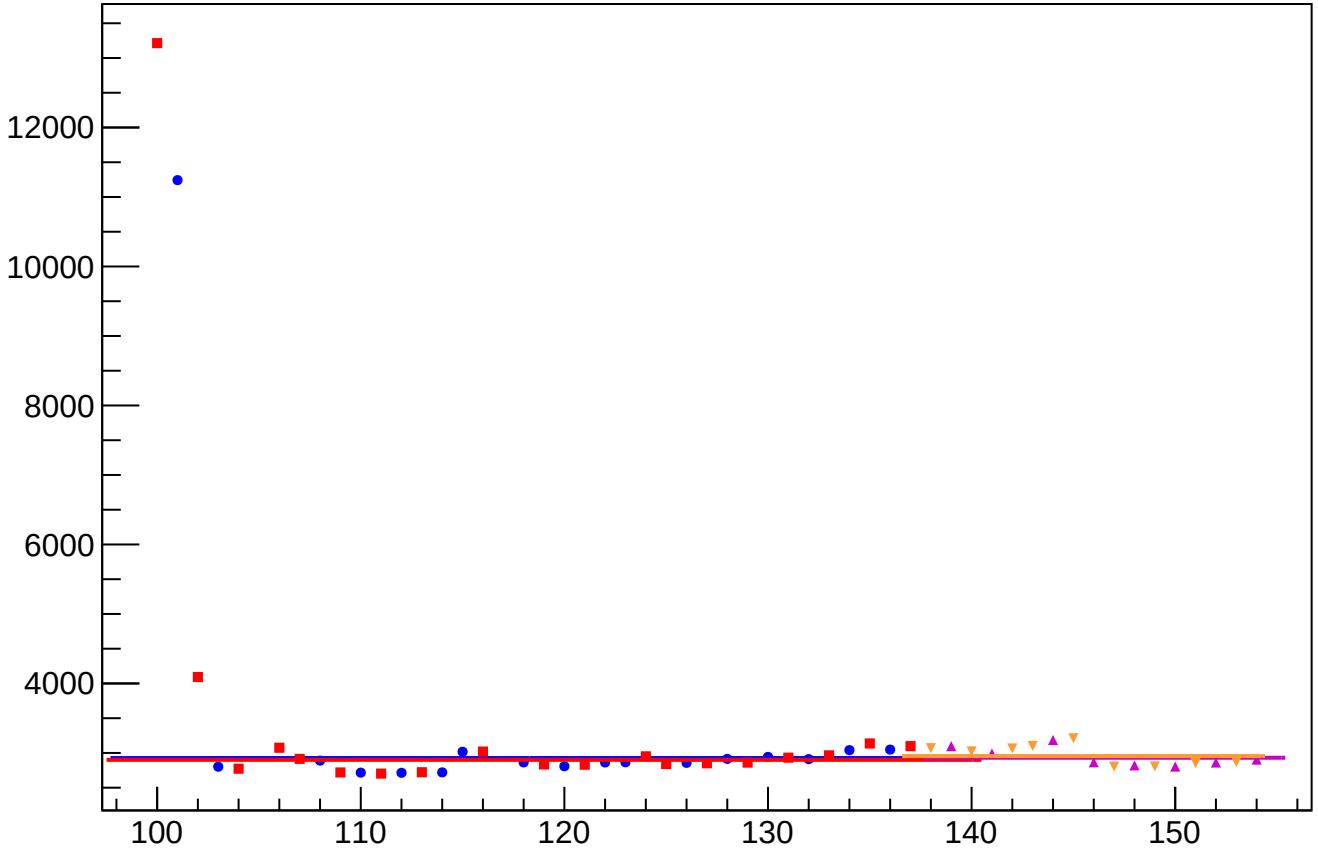
Left In: -3980.222+/-1138.556 χ^2/NDF:20.3/7

+ sign 2642.721+/-817.142 χ^2/NDF: 24.5/25

All: -345.138+/-569.753 χ^2/NDF: 81.8/52

- sign -3172.034+/-794.827 χ^2/NDF: 31.3/26

asym_atr1_rms vs Slug



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

Left Out: 2955.469+/-0.816 χ^2/NDF:29061.3/8

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

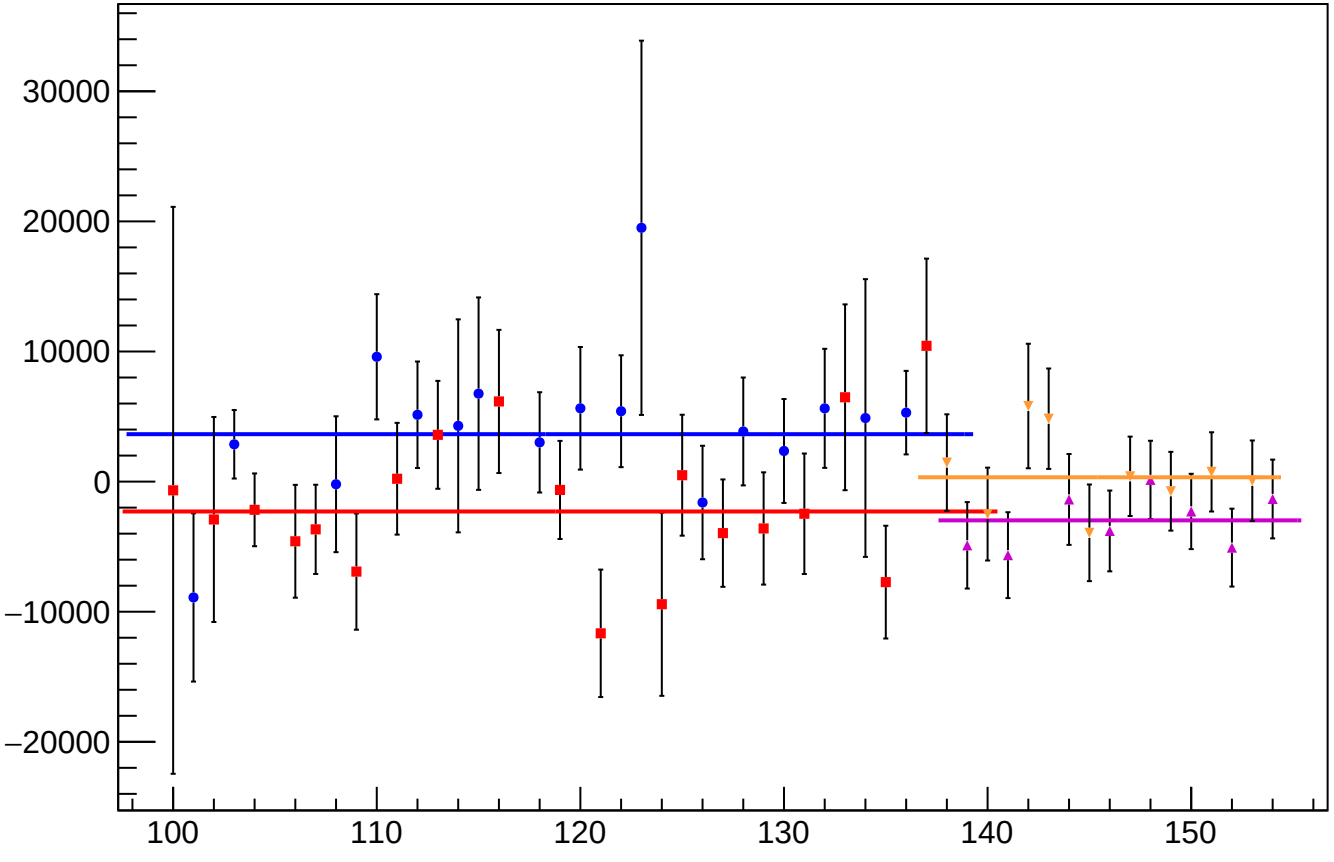
Left In: 2930.983+/-0.805 χ^2/NDF:24189.1/7

+ sign 2941.063+/-0.578 χ^2/NDF: 692479.3/25

All: 2927.940+/-0.403 χ^2/NDF: 888258.2/52

- sign 2915.523+/-0.562 χ^2/NDF: 194775.0/26

dit_asym_atr2_mean vs Slug



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

Left Out: 331.979+/-1144.768 χ^2/NDF:4.9/8

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

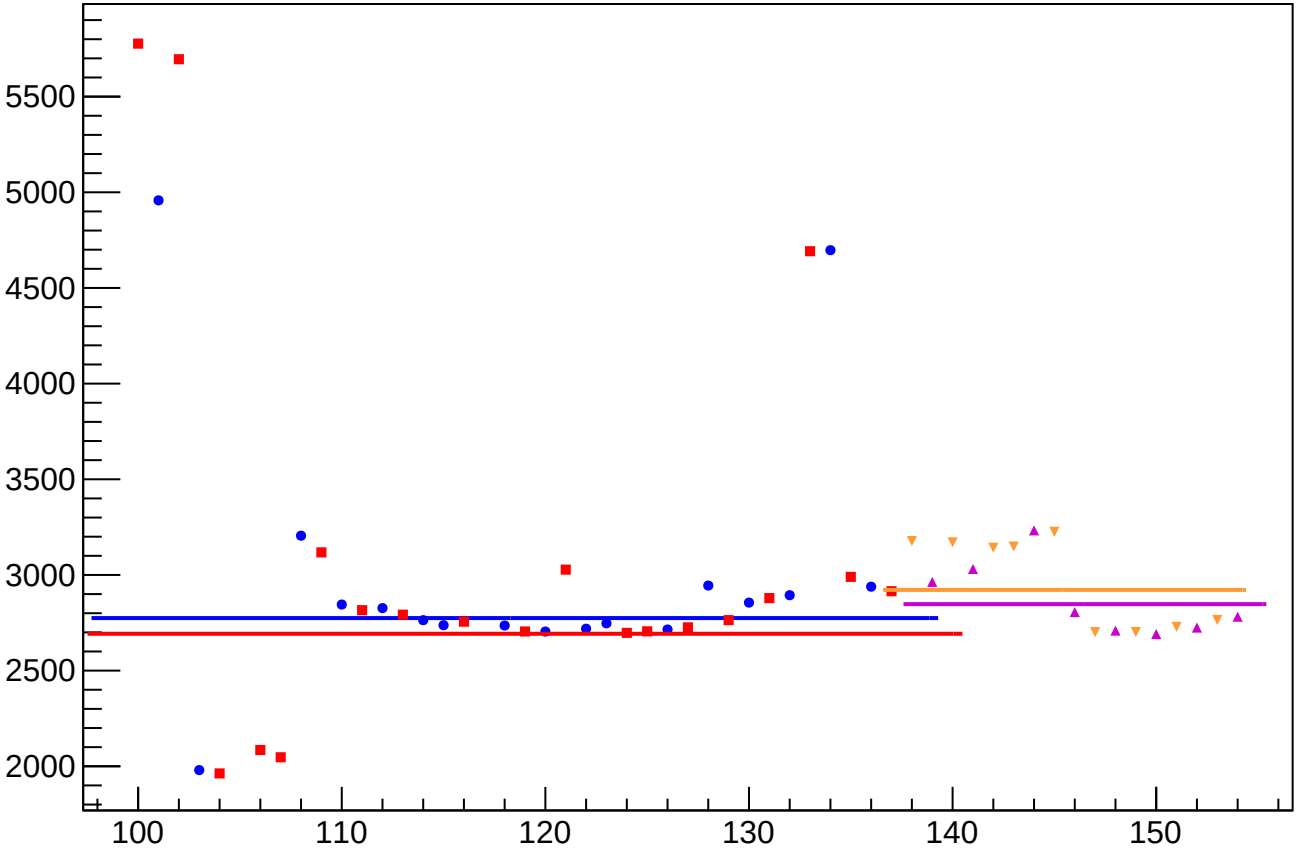
Left In: -2979.375+/-1105.042 χ^2/NDF:3.2/7

+ sign 2067.522+/-789.962 χ^2/NDF: 19.1/25

All: -366.437+/-547.680 χ^2/NDF: 59.2/52

- sign -2619.145+/-759.980 χ^2/NDF: 21.8/26

dit_asym_atr2_rms vs Slug



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

Left Out: 2921.794+/-0.809 χ^2/NDF:77912.7/8

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

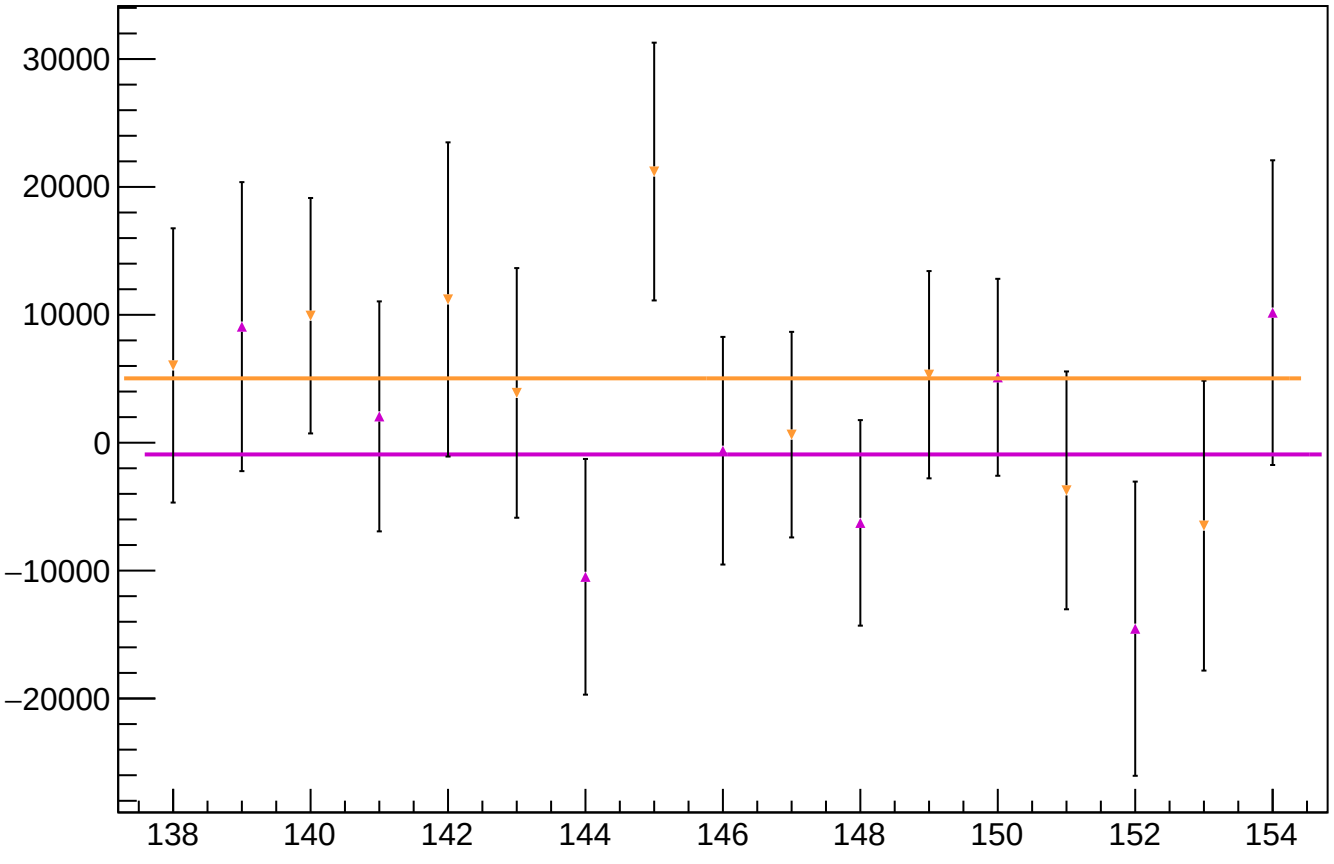
Left In: 2847.531+/-0.781 χ^2/NDF:47739.6/7

+ sign 2844.701+/-0.559 χ^2/NDF: 596909.0/25

All: 2803.722+/-0.387 χ^2/NDF: 1456027.2/52

- sign 2765.807+/-0.537 χ^2/NDF: 848756.6/26

asym_atr2_correction_mean vs Slug



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

Left Out: 5031.845+/-3202.136 χ^2/NDF:5.4/8

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

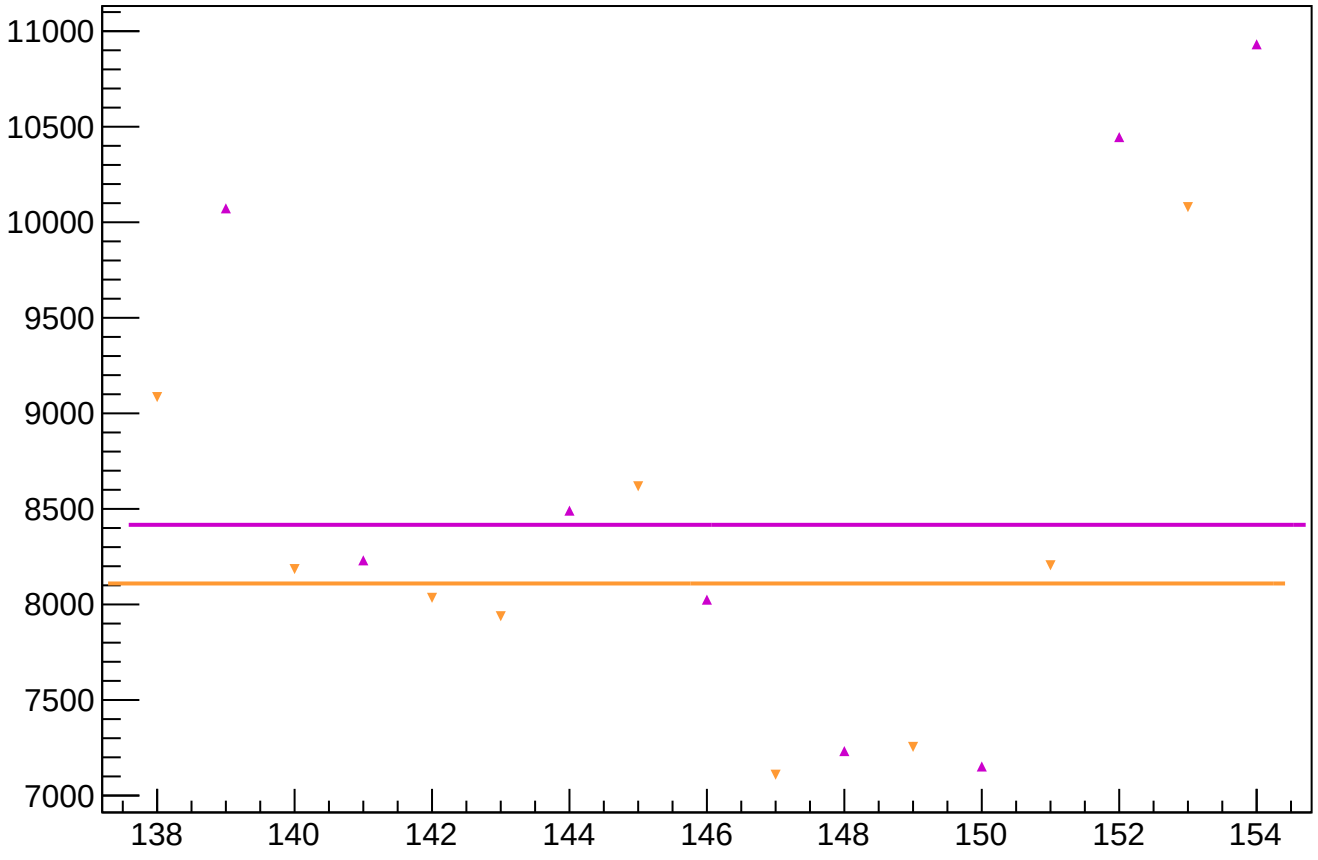
Left In: -916.434+/-3304.843 χ^2/NDF:5.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2151.570+/-2299.705 χ^2/NDF: 12.3/16

- 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: 8109.753+/-2.264 χ^2/NDF:136351.2/8

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

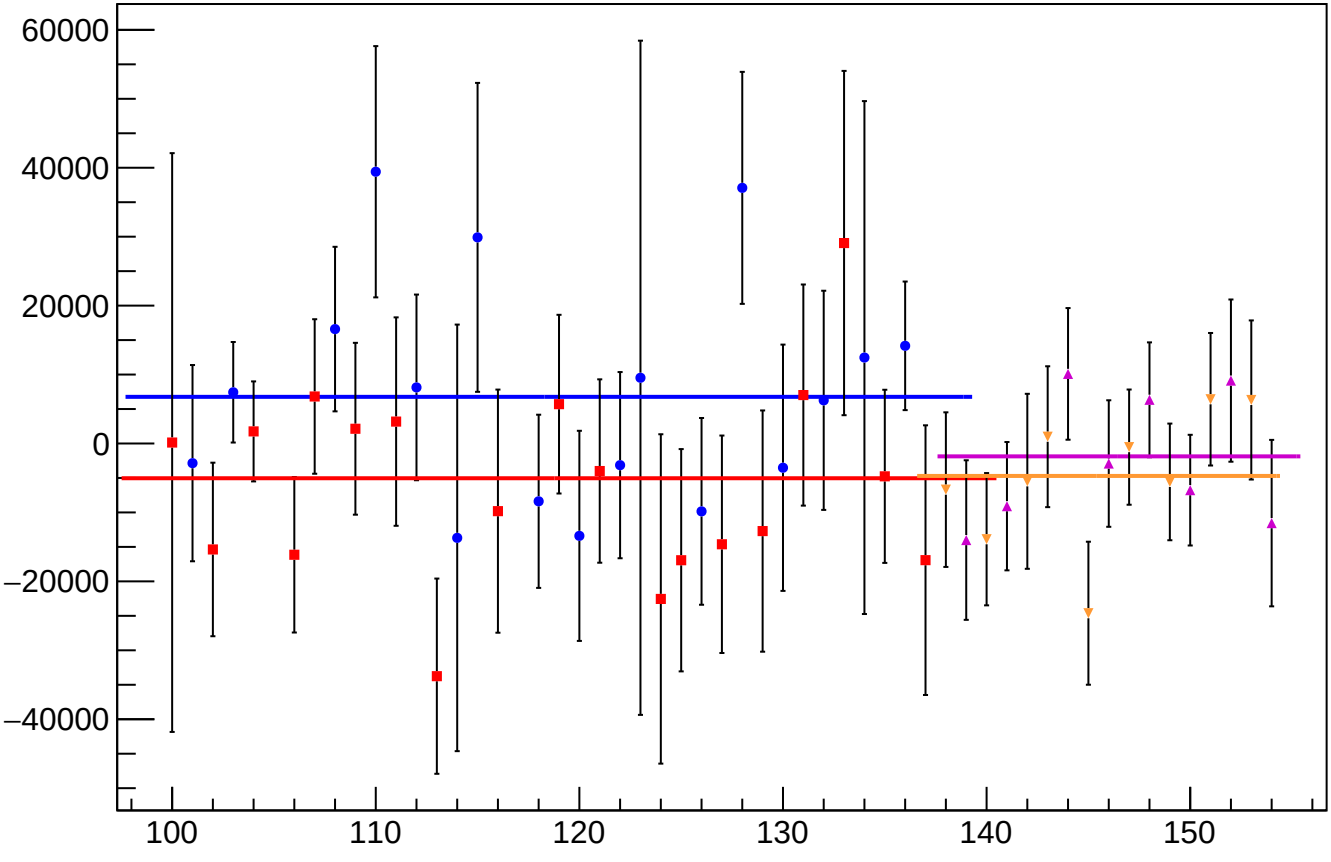
Left In: 8416.709+/-2.337 χ^2/NDF:296553.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8258.388+/-1.626 χ^2/NDF: 441803.4/16

- 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: -4706.995+/-3323.834 χ^2/NDF:7.5/8

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

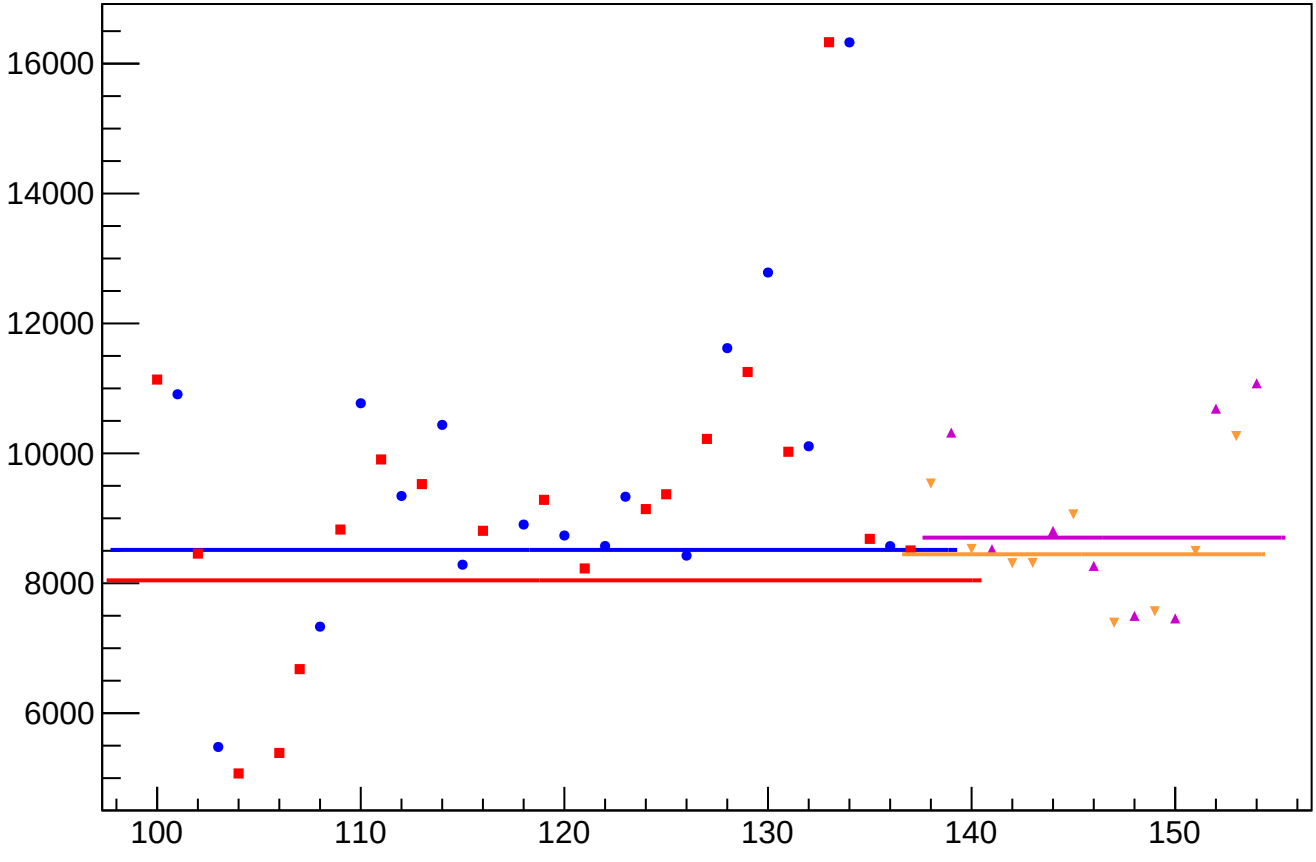
Left In: -1867.197+/-3412.750 χ^2/NDF:6.1/7

+ sign 921.975+/-2372.371 χ^2/NDF: 28.7/25

All: -1373.751+/-1659.304 χ^2/NDF: 50.7/52

- sign -3572.402+/-2321.672 χ^2/NDF: 20.2/26

asym_atr2_rms vs Slug



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

Left Out: 8446.225+/-2.350 χ^2/NDF:129752.2/8

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

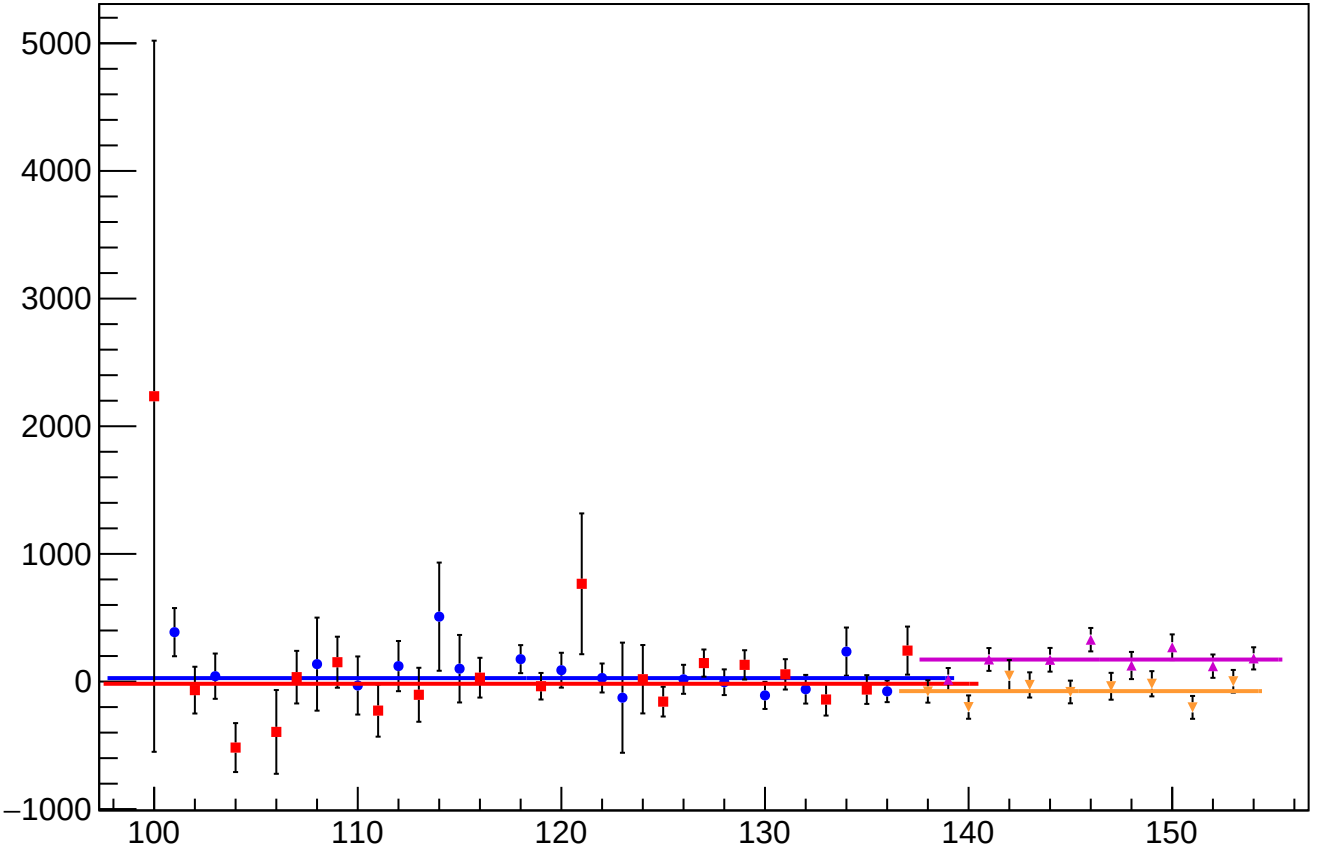
Left In: 8702.431+/-2.413 χ^2/NDF:268794.4/7

+ sign 8479.309+/-1.678 χ^2/NDF: 892770.6/25

All: 8412.800+/-1.173 χ^2/NDF: 2156856.8/52

- sign 8349.107+/-1.642 χ^2/NDF: 1261009.0/26

dit_asym_sam1_mean vs Slug



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

Left Out: -74.940+/-31.798 χ^2/NDF:6.3/8

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

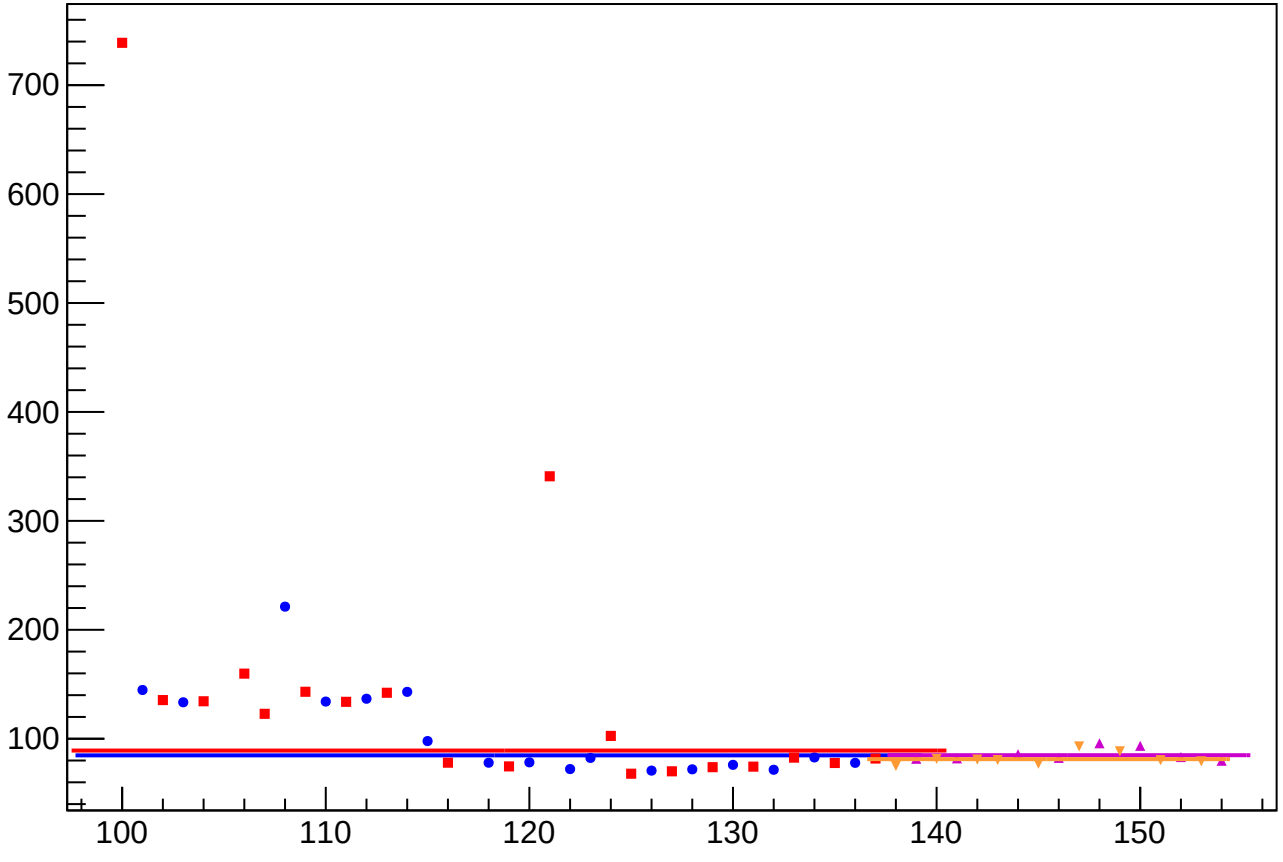
Left In: 172.350+/-32.995 χ^2/NDF:7.3/7

+ sign -27.452+/-23.233 χ^2/NDF: 23.7/25

All: 26.305+/-16.754 χ^2/NDF: 79.3/52

- sign 84.547+/-24.183 χ^2/NDF: 44.5/26

dit_asym_sam1_rms vs Slug



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

Left Out: 81.252+/-0.022 χ^2/NDF:51459.1/8

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

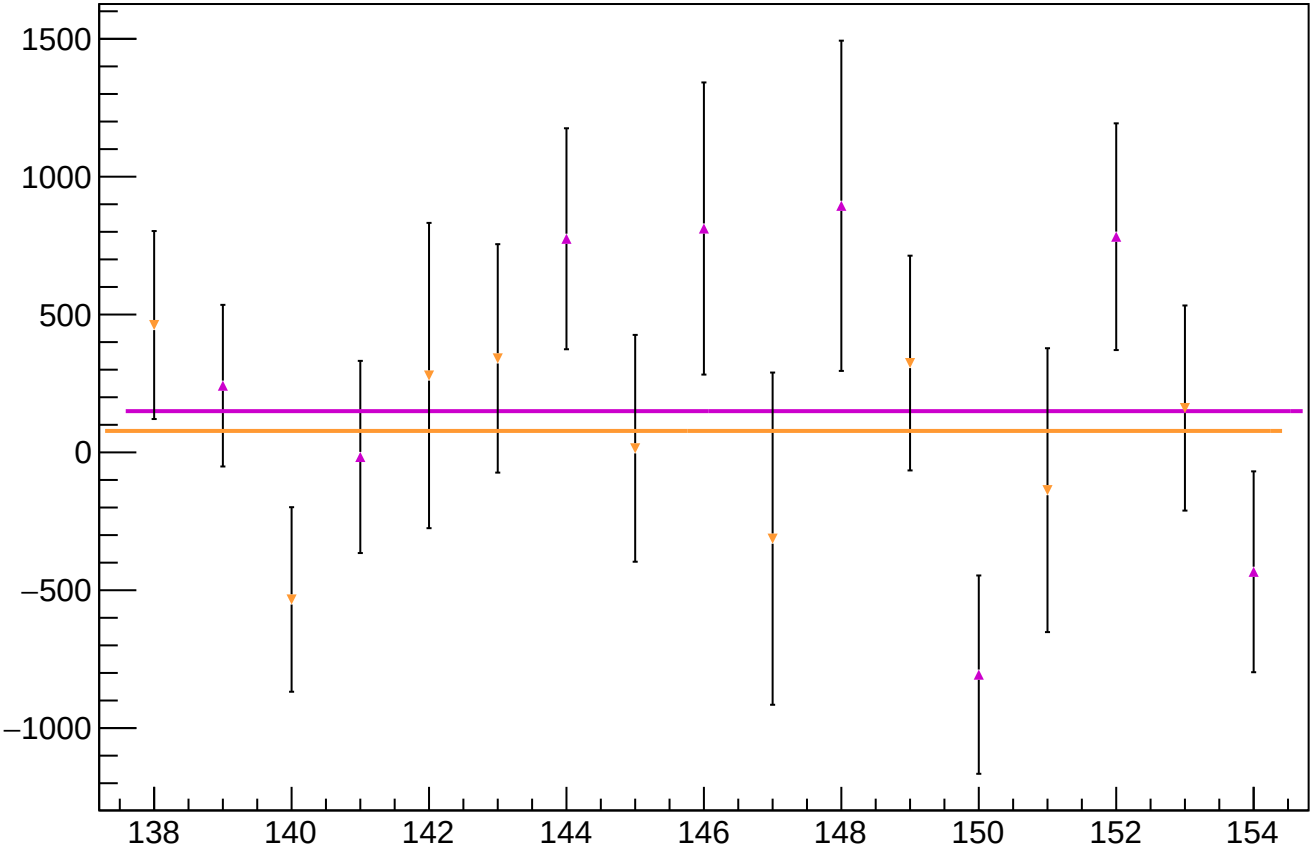
Left In: 84.889+/-0.023 χ^2/NDF:49599.2/7

+ sign 82.876+/-0.016 χ^2/NDF: 1127079.0/25

All: 84.787+/-0.012 χ^2/NDF: 2779524.0/52

- sign 86.858+/-0.017 χ^2/NDF: 1624256.2/26

asym_sam1_correction_mean vs Slug



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

Left Out: 77.821+/-137.525 χ^2/NDF:6.2/8

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

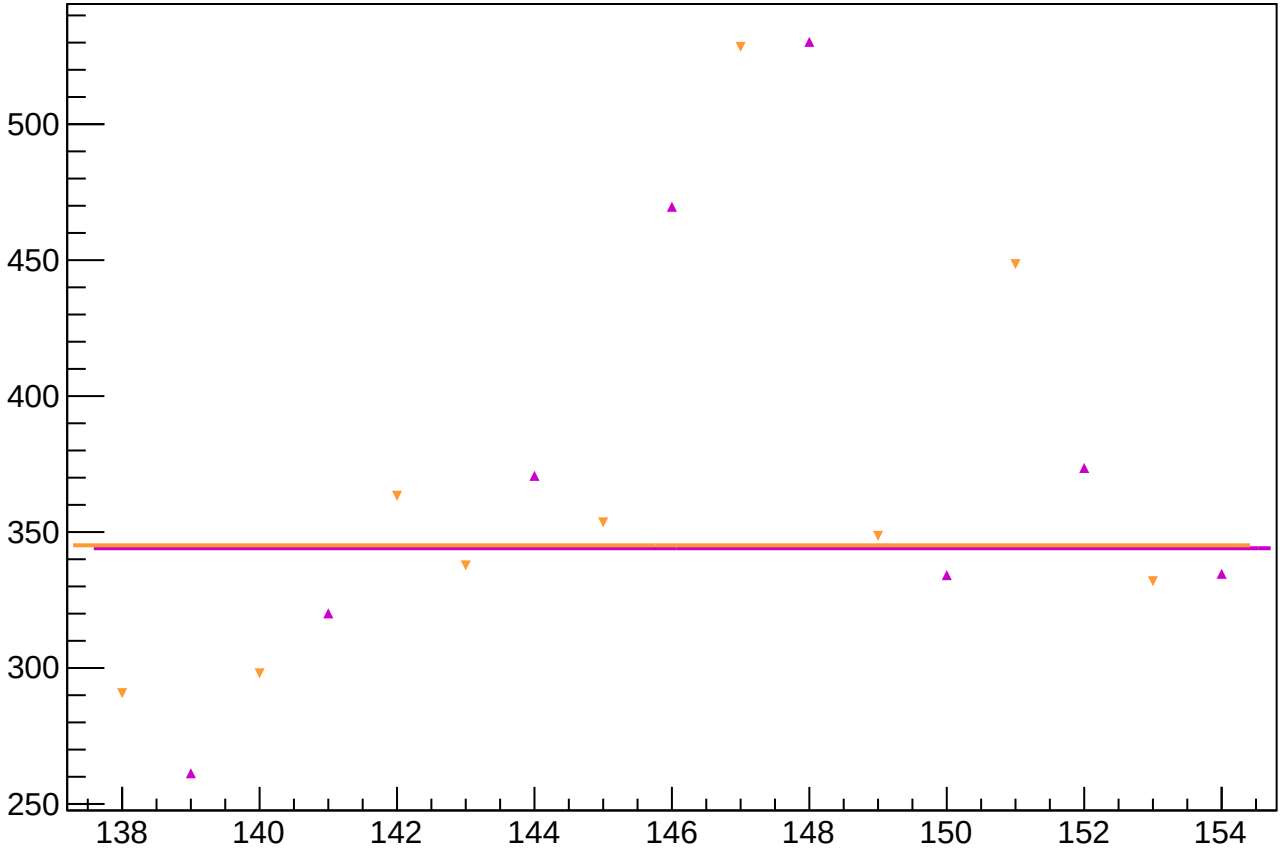
Left In: 149.604+/-136.555 χ^2/NDF:17.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 113.967+/-96.900 χ^2/NDF: 24.2/16

- 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: 345.130+/-0.097 χ^2/NDF:362542.4/8

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

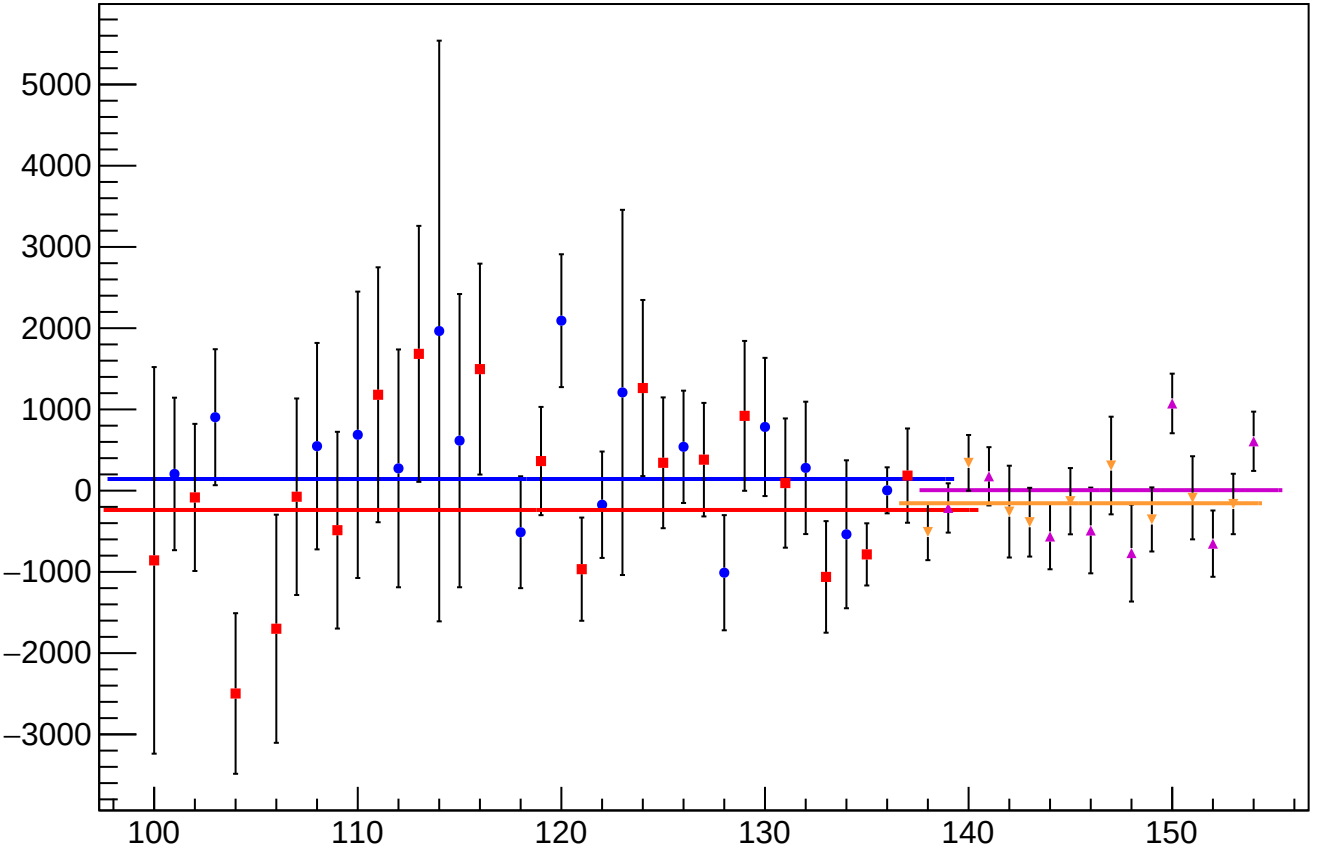
Left In: 344.046+/-0.097 χ^2/NDF:496573.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 344.584+/-0.069 χ^2/NDF: 859178.1/16

- 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: -154.983+/-138.980 χ^2/NDF:4.3/8

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

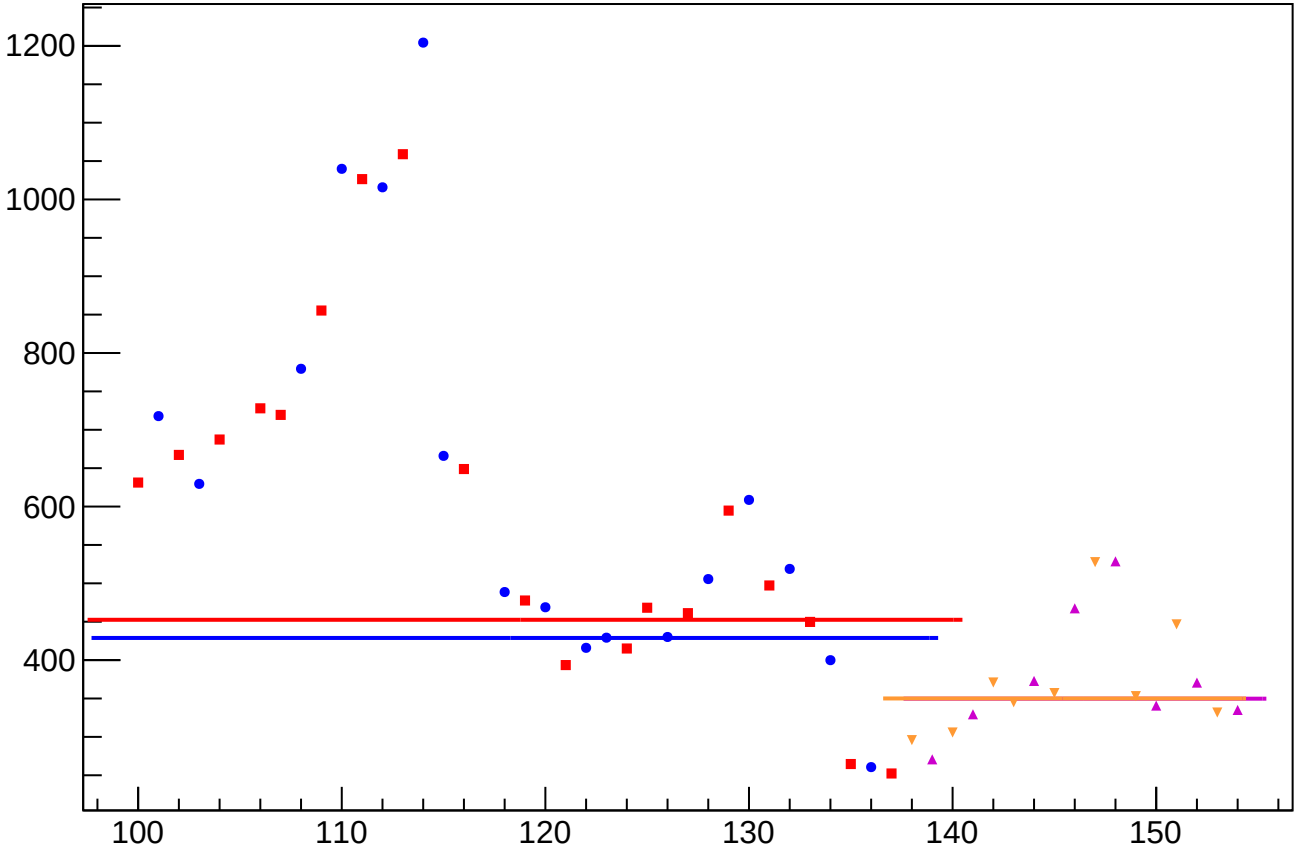
Left In: 6.029+/-138.519 χ^2/NDF:19.1/7

+ sign -42.912+/-109.831 χ^2/NDF: 18.9/25

All: -62.399+/-77.955 χ^2/NDF: 60.8/52

- sign -82.183+/-110.664 χ^2/NDF: 41.9/26

asym_sam1_rms vs Slug



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

Left Out: 350.041+/-0.098 χ^2/NDF:336561.1/8

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

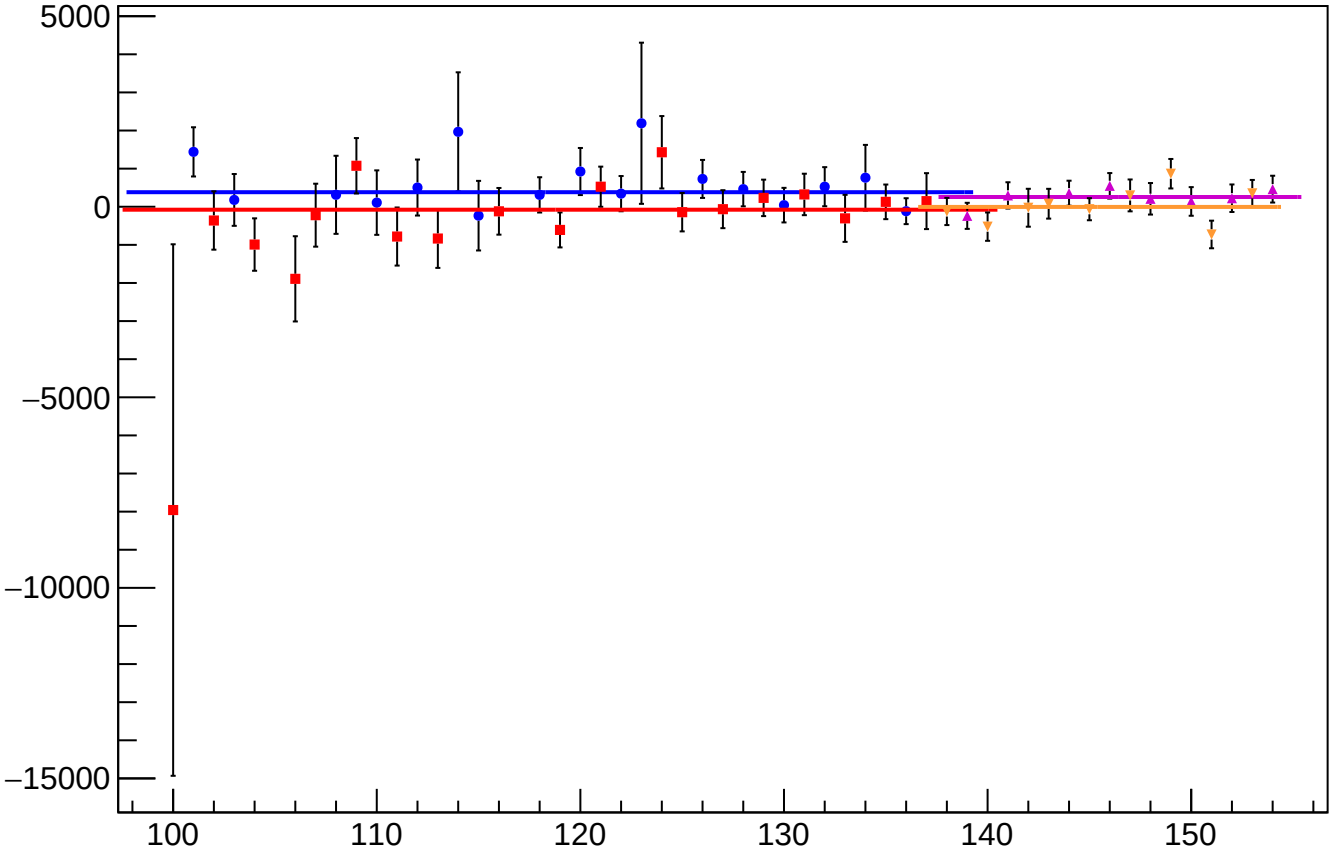
Left In: 349.756+/-0.098 χ^2/NDF:437524.3/7

+ sign 379.635+/-0.078 χ^2/NDF: 2590398.0/25

All: 383.255+/-0.055 χ^2/NDF: 5469709.4/52

- sign 386.930+/-0.078 χ^2/NDF: 2874933.6/26

dit_asym_sam2_mean vs Slug



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

Left Out: -4.658+/-123.346 χ^2/NDF:12.8/8

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

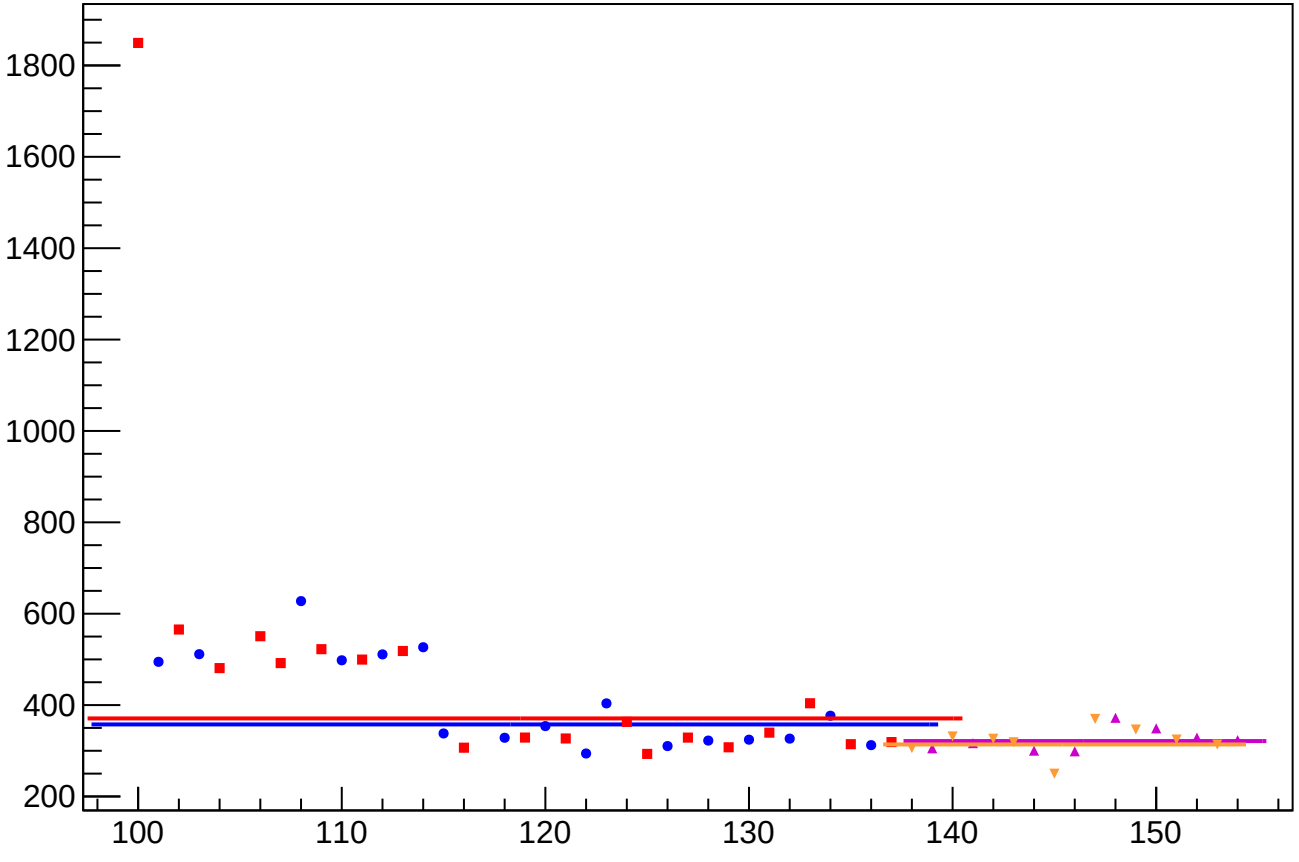
Left In: 255.849+/-125.106 χ^2/NDF:3.4/7

+ sign 162.658+/-92.892 χ^2/NDF: 26.4/25

All: 137.641+/-66.174 χ^2/NDF: 49.8/52

- sign 111.864+/-94.292 χ^2/NDF: 23.3/26

dit_asym_sam2_rms vs Slug



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

Left Out: 313.847+/-0.087 χ^2/NDF:156537.9/8

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

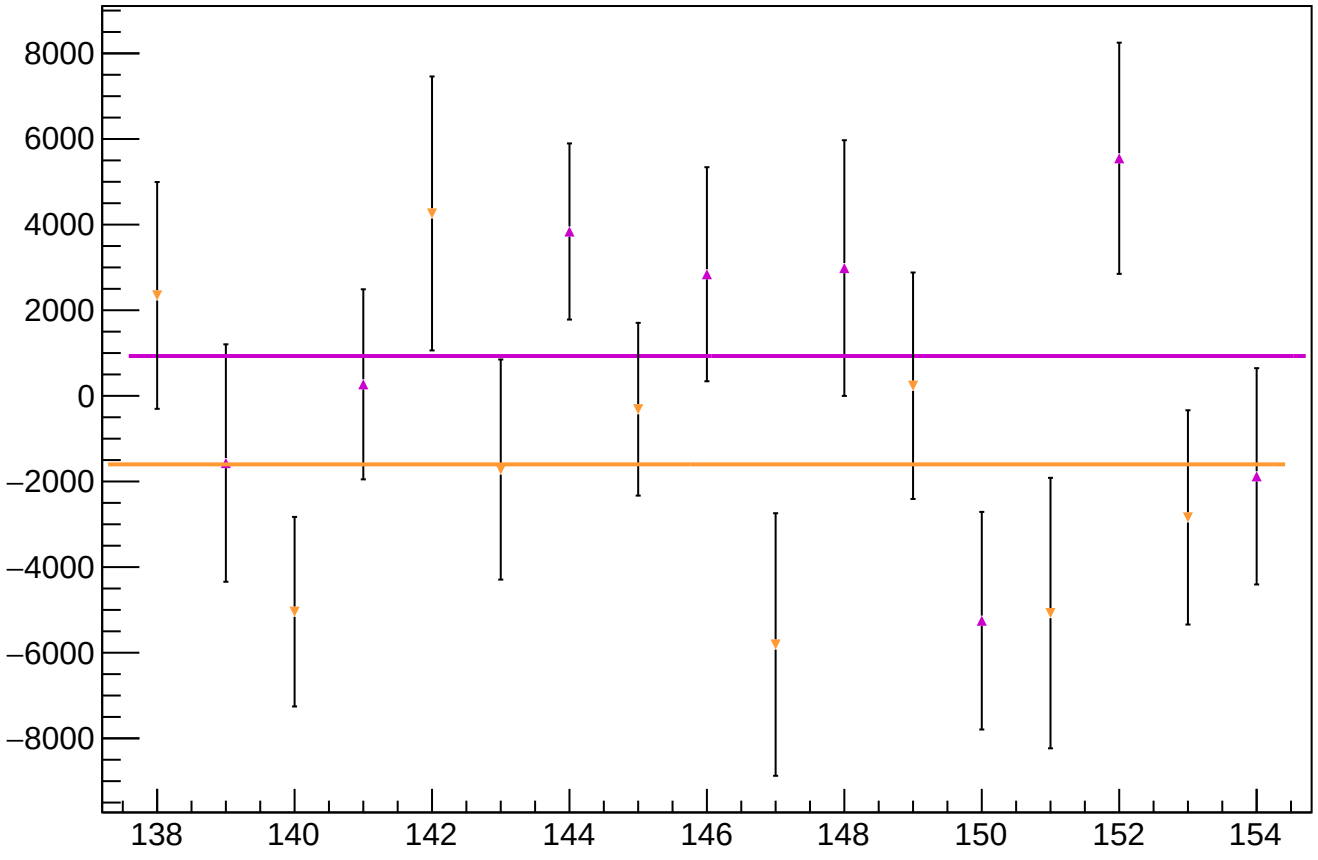
Left In: 321.258+/-0.088 χ^2/NDF:63990.4/7

+ sign 332.813+/-0.066 χ^2/NDF: 895453.8/25

All: 337.660+/-0.047 χ^2/NDF: 1890727.1/52

- sign 342.655+/-0.067 χ^2/NDF: 984216.0/26

asym_sam2_correction_mean vs Slug



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

Left Out: -1600.240+/-860.596 χ^2/NDF:12.2/8

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

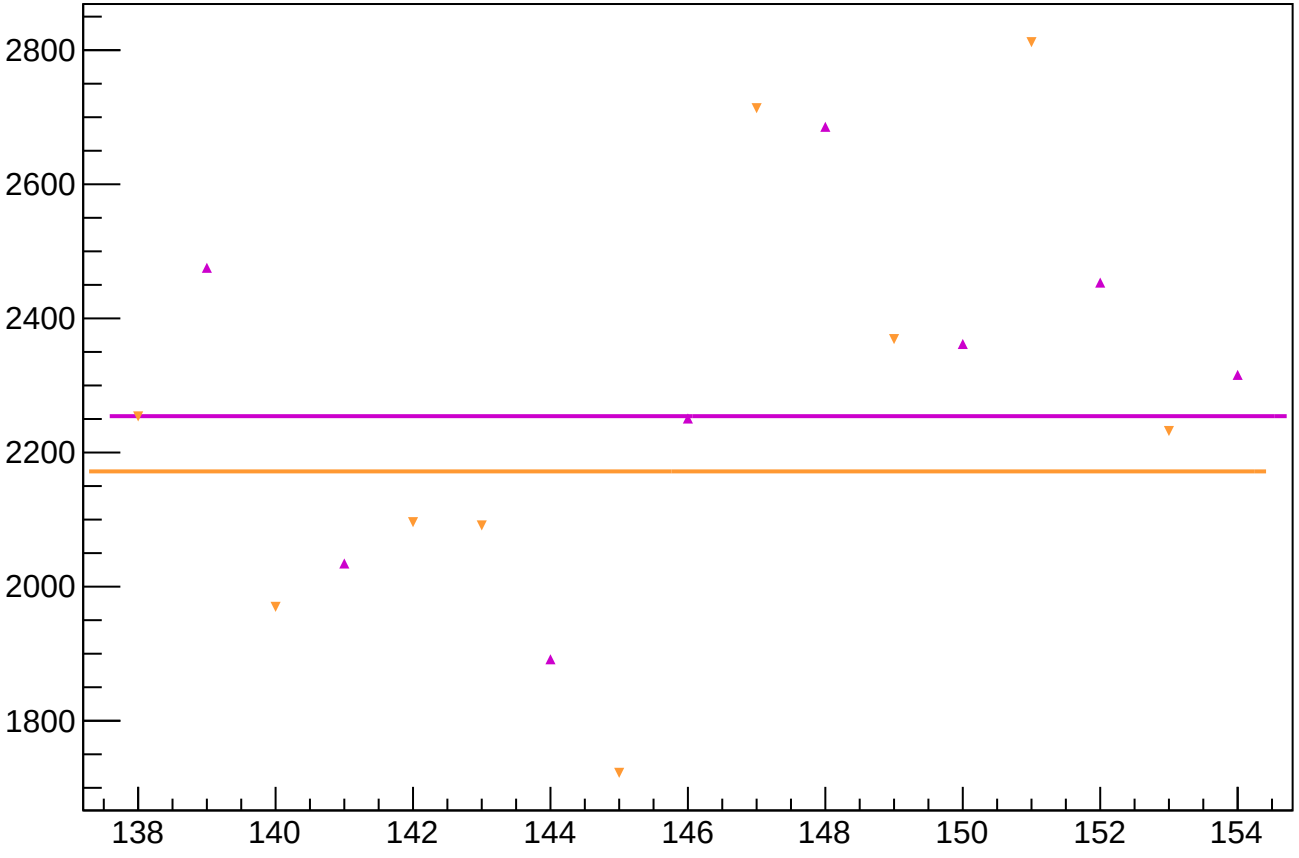
Left In: 930.673+/-880.460 χ^2/NDF:14.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -363.655+/-615.436 χ^2/NDF: 30.5/16

- 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: 2171.864+/-0.609 χ^2/NDF:277651.4/8

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

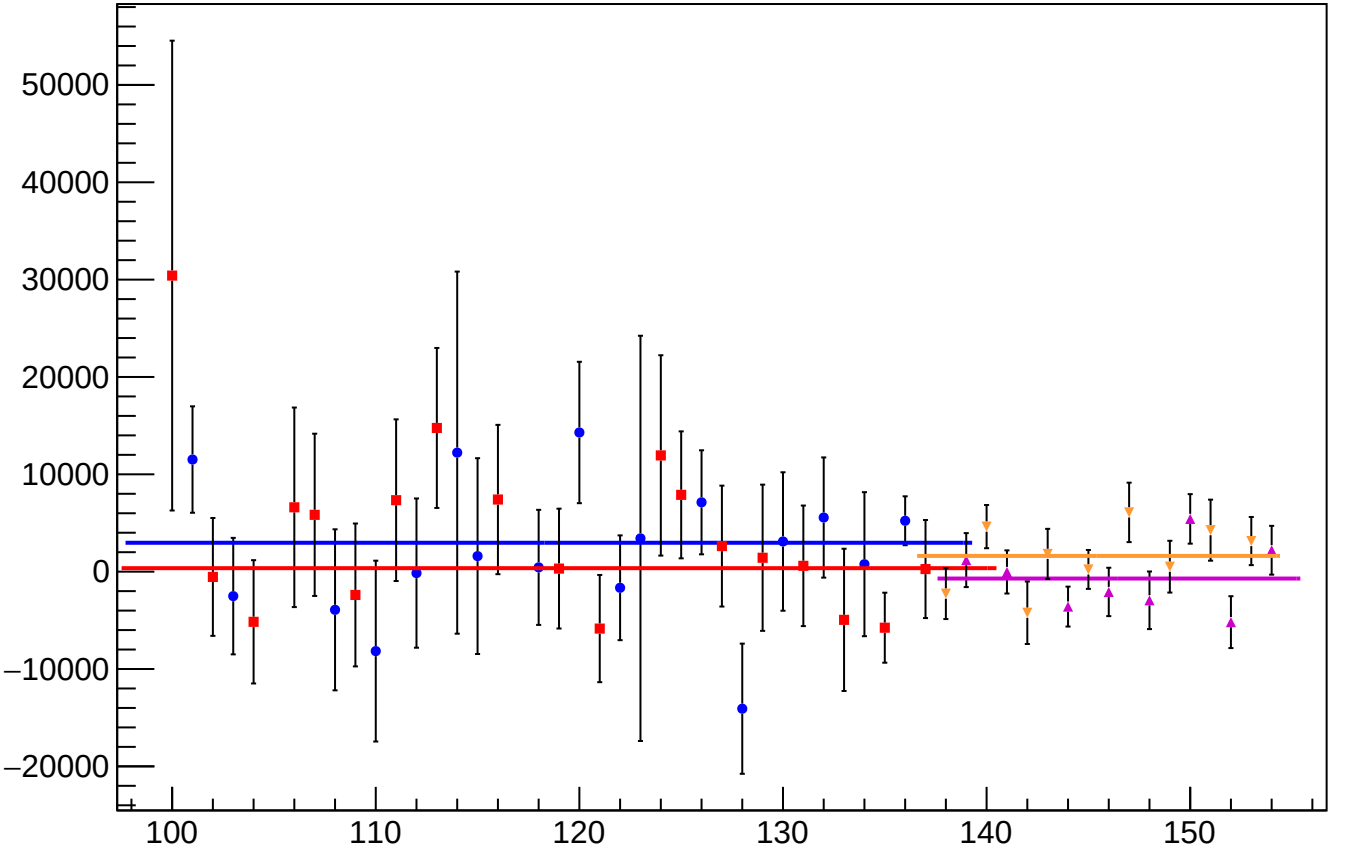
Left In: 2254.228+/-0.623 χ^2/NDF:151837.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2212.106+/-0.435 χ^2/NDF: 438439.9/16

- 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: 1619.179+/-857.039 χ^2/NDF:11.2/8

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

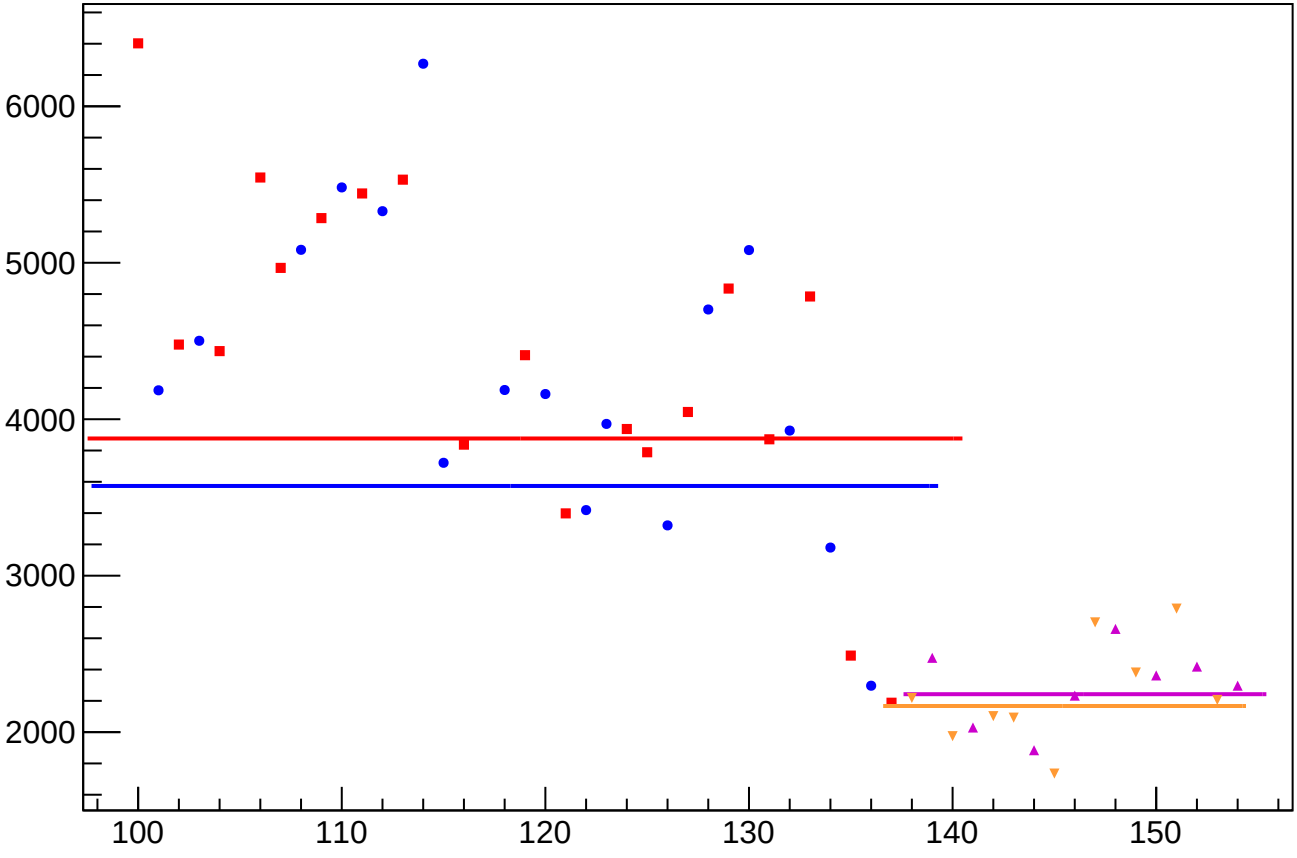
Left In: -706.829+/-876.243 χ^2/NDF:13.4/7

+ sign 1972.105+/-736.536 χ^2/NDF: 29.3/25

All: 801.057+/-528.069 χ^2/NDF: 63.6/52

- sign -437.631+/-757.509 χ^2/NDF: 29.1/26

asym_sam2_rms vs Slug



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

Left Out: 2167.093+/-0.606 χ^2/NDF:265311.2/8

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

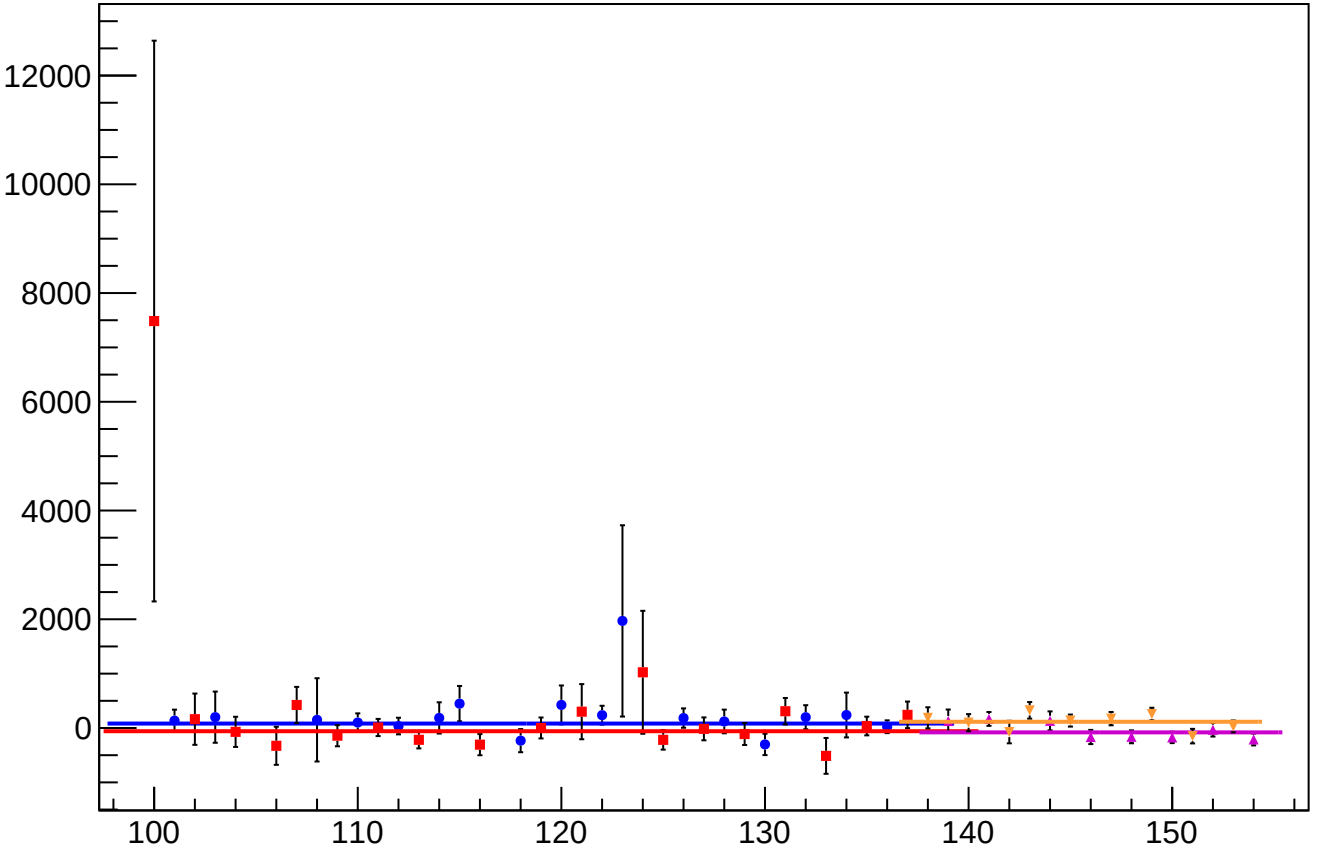
Left In: 2242.585+/-0.620 χ^2/NDF:147488.4/7

+ sign 2534.773+/-0.521 χ^2/NDF: 2762036.6/25

All: 2593.438+/-0.373 χ^2/NDF: 5681854.0/52

- sign 2655.491+/-0.536 χ^2/NDF: 2893708.1/26

dit_asym_sam3_mean vs Slug



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

Left Out: 114.849+/-44.920 χ^2/NDF:9.1/8

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

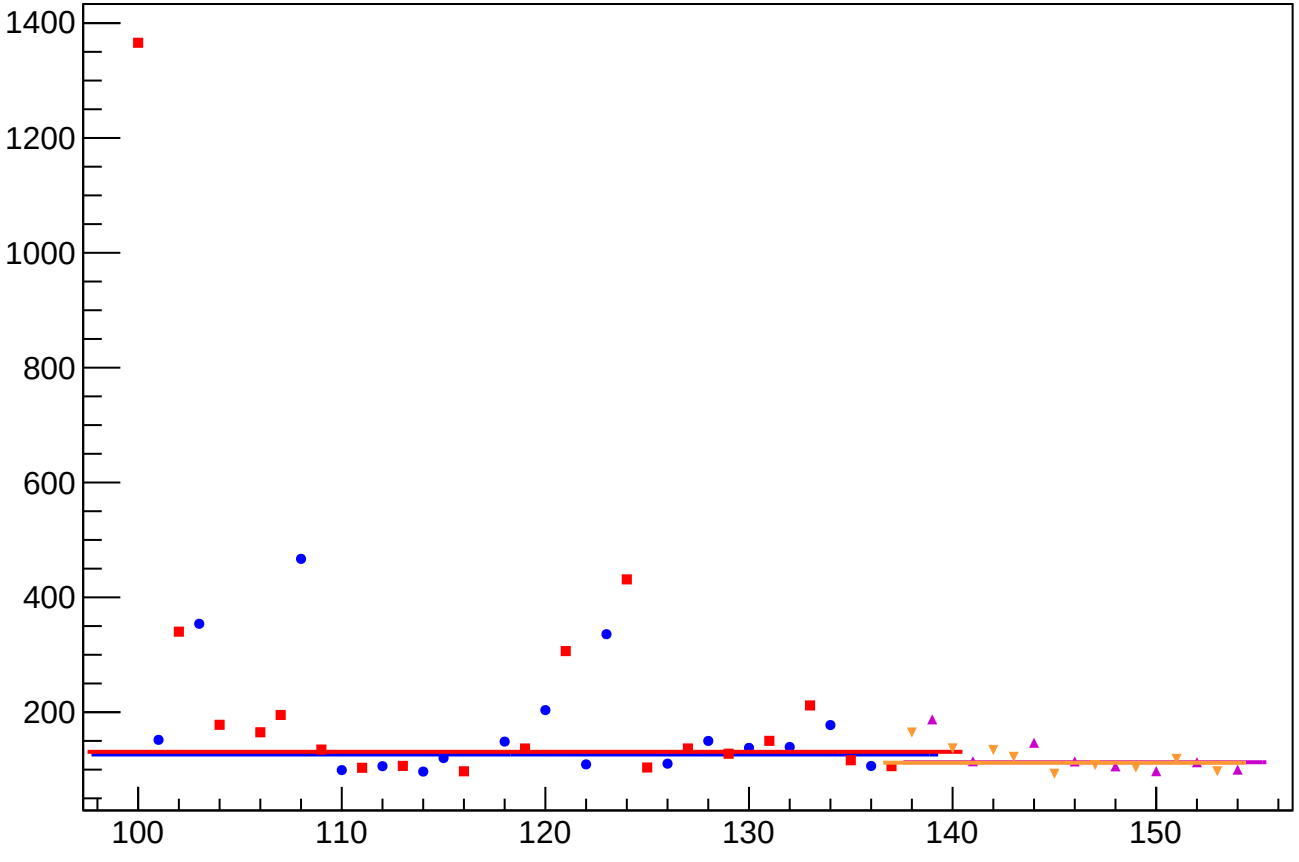
Left In: -80.240+/-45.378 χ^2/NDF:9.5/7

+ sign 100.719+/-33.967 χ^2/NDF: 20.9/25

All: 16.089+/-24.210 χ^2/NDF: 59.5/52

- sign -71.292+/-34.515 χ^2/NDF: 26.0/26

dit_asym_sam3_rms vs Slug



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

Left Out: 112.030+/-0.032 χ^2/NDF:344210.6/8

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

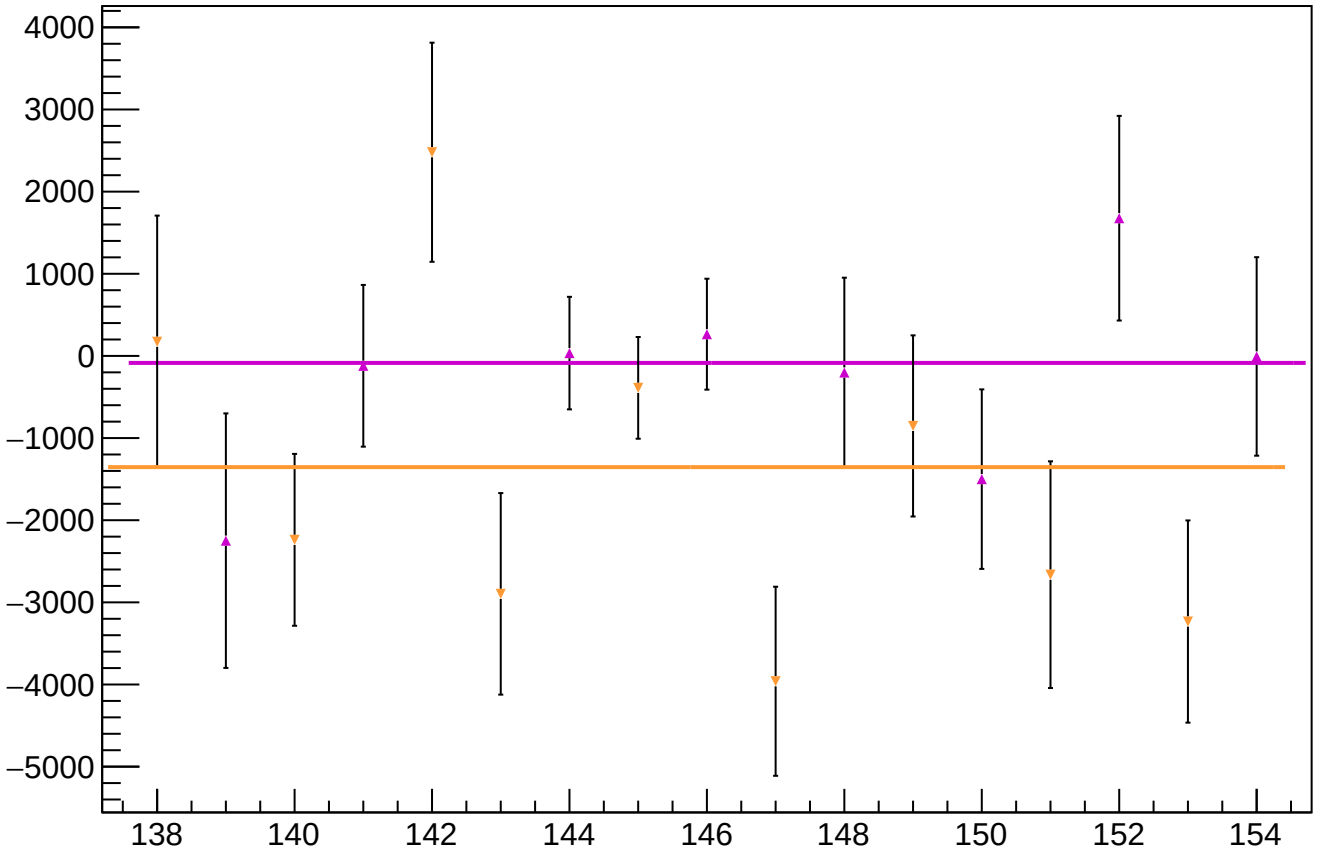
Left In: 112.867+/-0.032 χ^2/NDF:405400.8/7

+ sign 118.157+/-0.024 χ^2/NDF: 1741700.4/25

All: 119.316+/-0.017 χ^2/NDF: 3715801.0/52

- sign 120.512+/-0.024 χ^2/NDF: 1969371.6/26

asym_sam3_correction_mean vs Slug



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

Left Out: -1353.626+/-354.985 χ^2/NDF:22.5/8

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

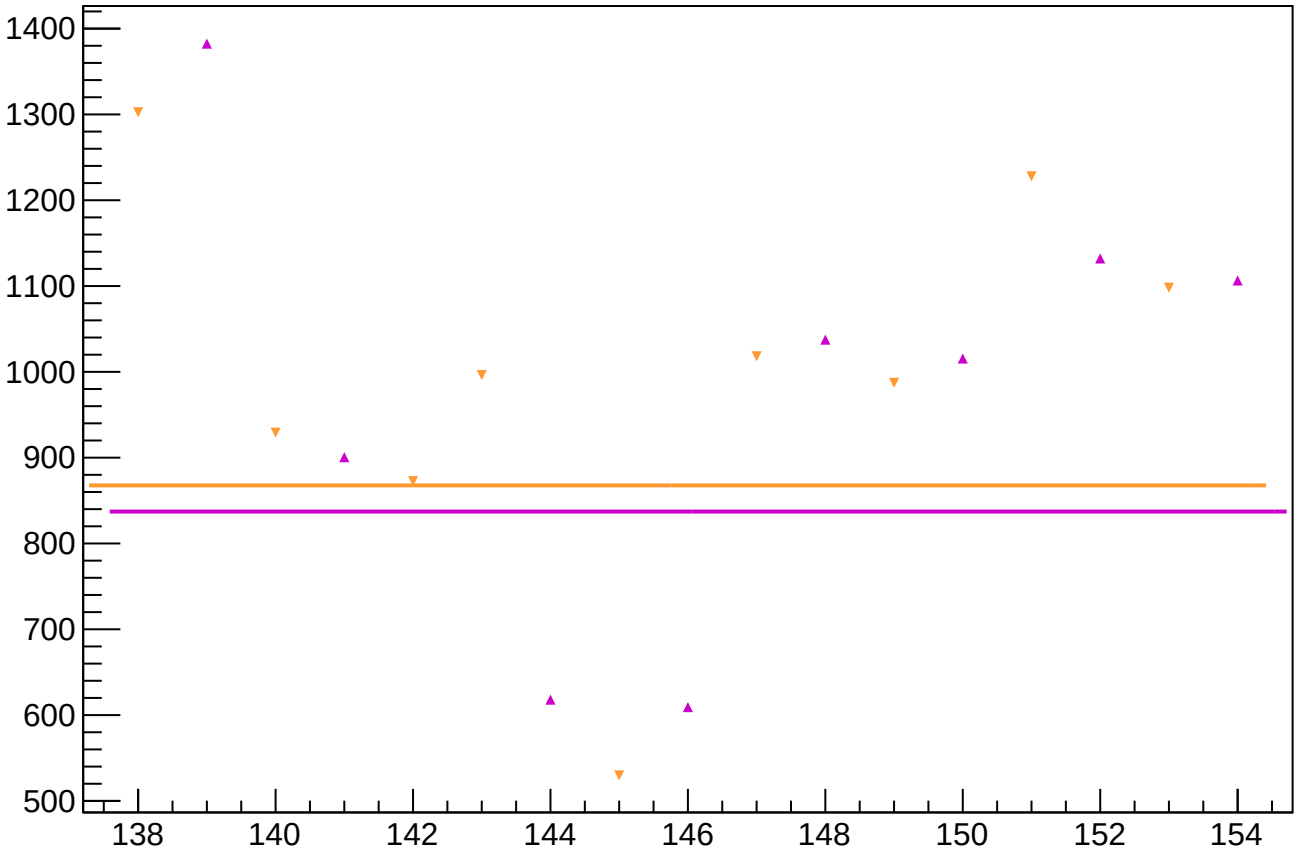
Left In: -85.060+/-339.229 χ^2/NDF:5.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -690.565+/-245.252 χ^2/NDF: 35.2/16

- 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: 867.677+/-0.251 χ^2/NDF:1049164.4/8

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

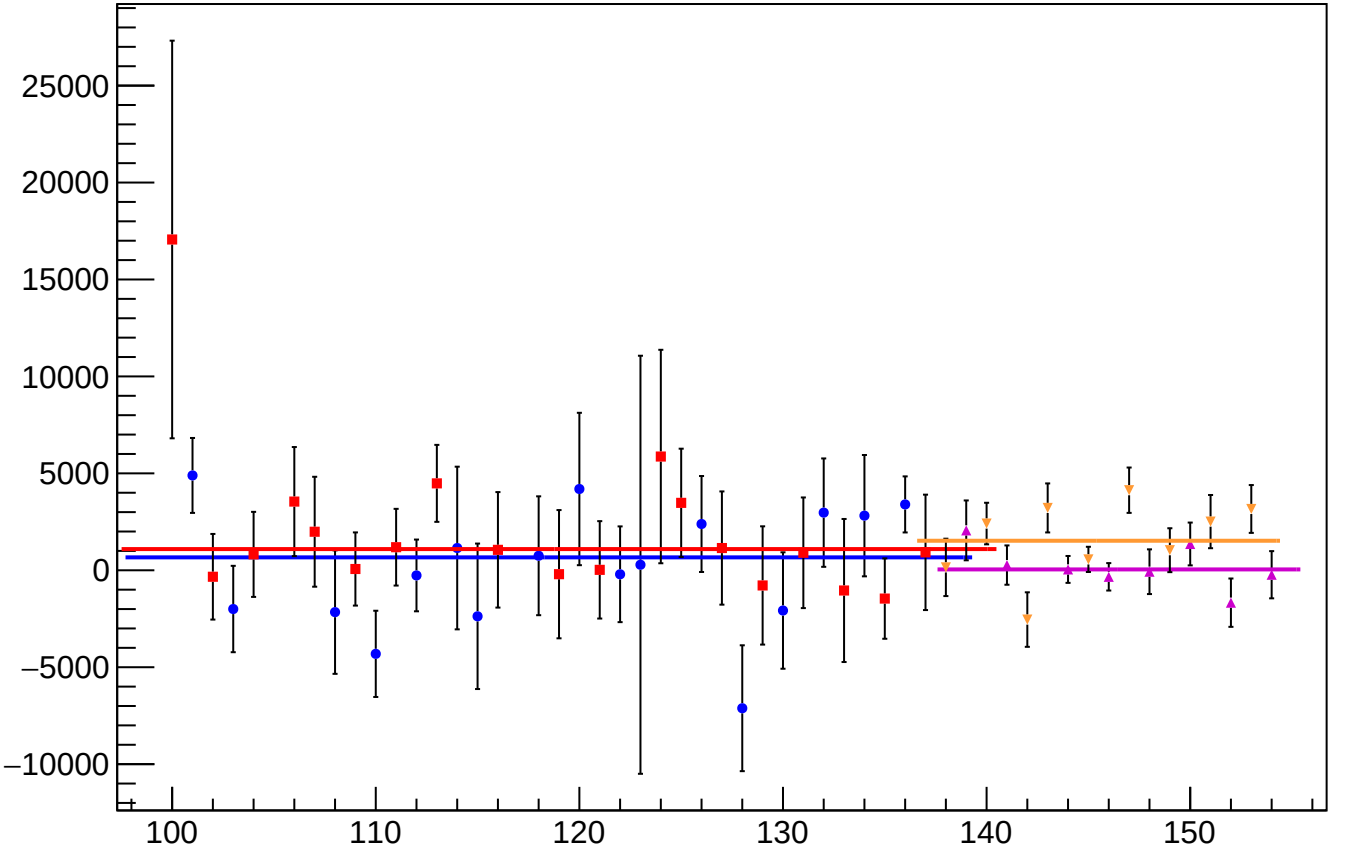
Left In: 837.192+/-0.240 χ^2/NDF:1013638.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 851.742+/-0.173 χ^2/NDF: 2070512.4/16

- 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: 1523.780+/-364.597 χ^2/NDF:21.3/8

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

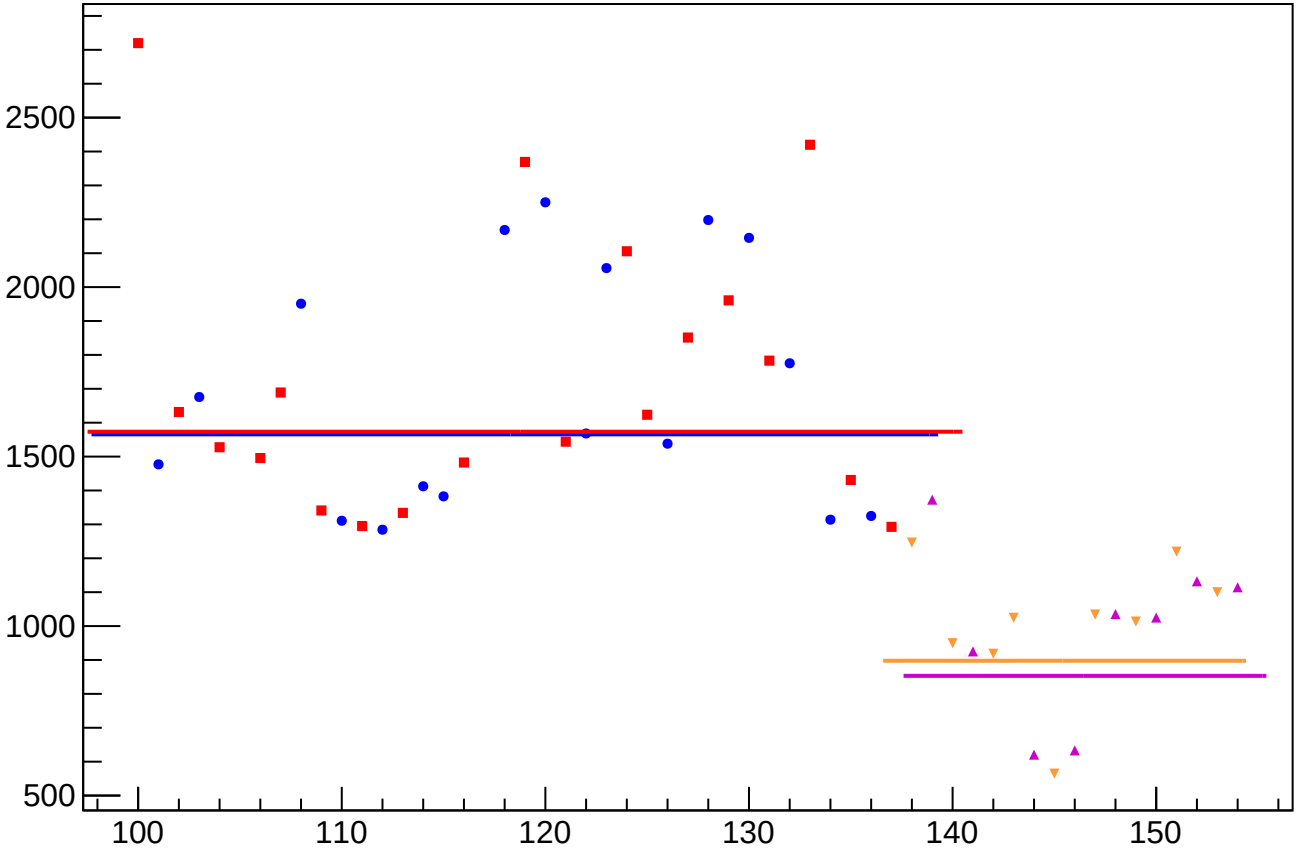
Left In: 44.705+/-345.885 χ^2/NDF:5.4/7

+ sign 1302.871+/-314.131 χ^2/NDF: 48.4/25

All: 780.848+/-216.950 χ^2/NDF: 72.4/52

- sign 304.780+/-299.986 χ^2/NDF: 18.7/26

asym_sam3_rms vs Slug



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

Left Out: 897.692+/-0.258 χ^2/NDF:872886.4/8

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

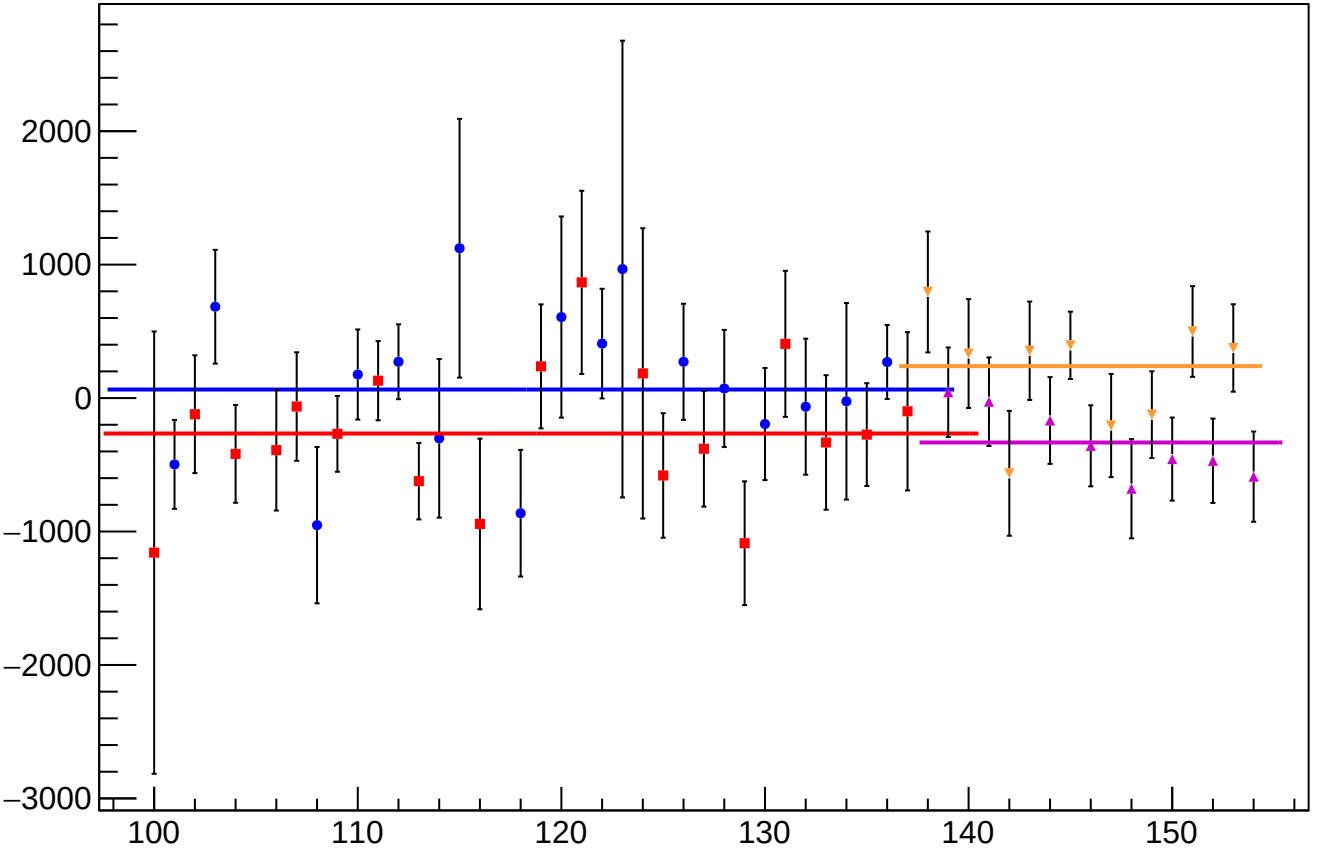
Left In: 853.172+/-0.245 χ^2/NDF:945399.4/7

+ sign 1069.799+/-0.222 χ^2/NDF: 3093226.6/25

All: 1049.836+/-0.153 χ^2/NDF: 6664689.5/52

- sign 1031.630+/-0.212 χ^2/NDF: 3556019.4/26

dit_asym_sam4_mean vs Slug



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

Left Out: 239.321+/-117.303 χ^2/NDF:8.3/8

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

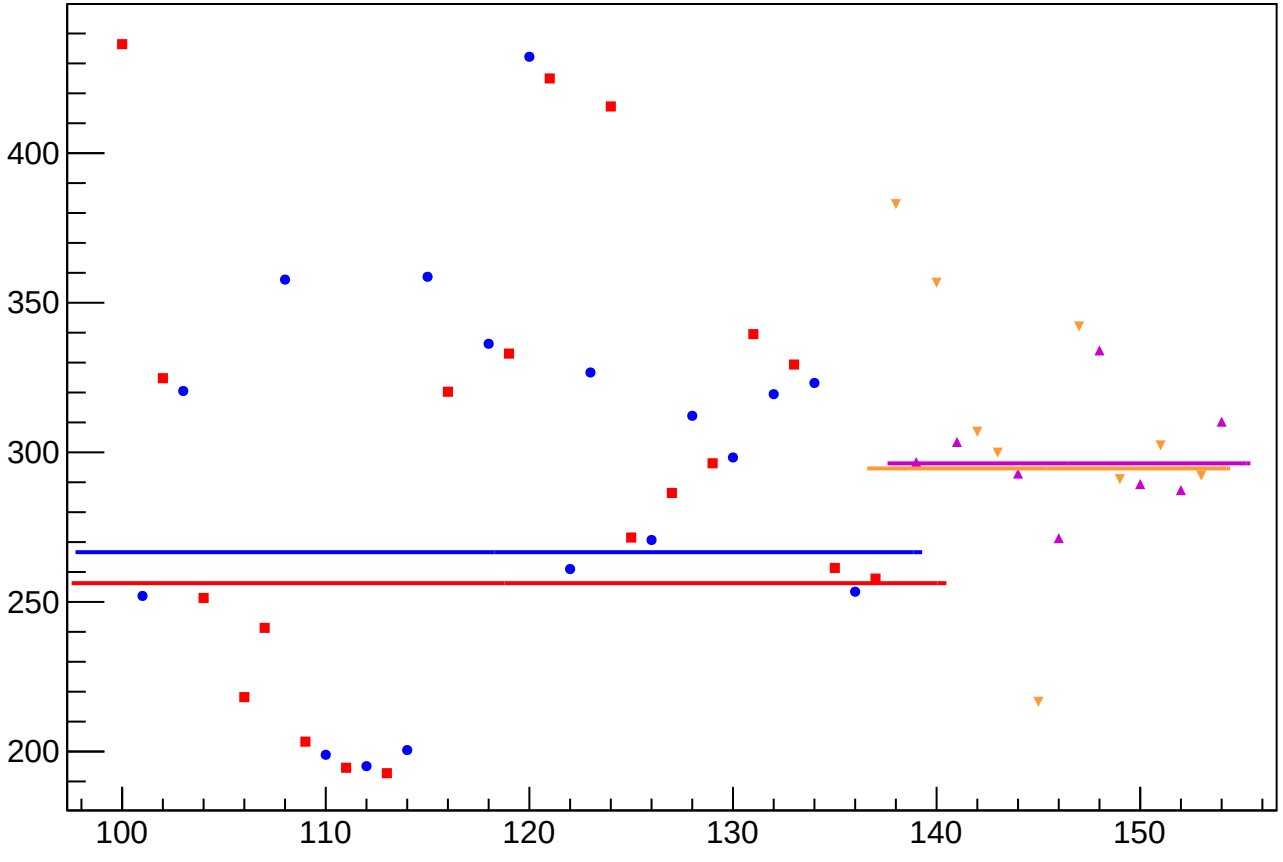
Left In: -332.874+/-115.802 χ^2/NDF:4.2/7

+ sign 142.313+/-78.374 χ^2/NDF: 26.3/25

All: -84.321+/-54.343 χ^2/NDF: 61.4/52

- sign -294.168+/-75.416 χ^2/NDF: 19.0/26

dit_asym_sam4_rms vs Slug



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

Left Out: 294.616+/-0.083 χ^2/NDF:346883.3/8

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

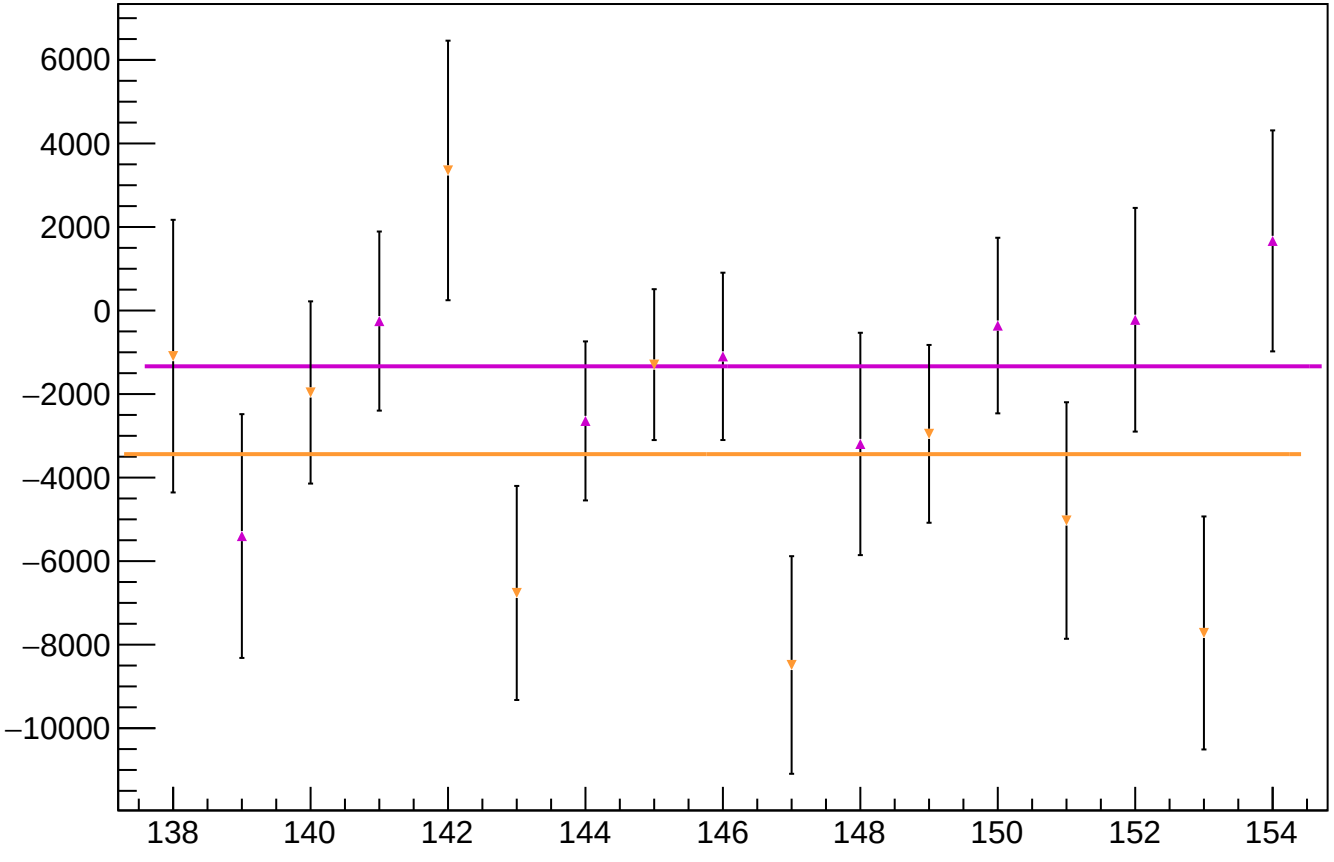
Left In: 296.322+/-0.082 χ^2/NDF:41331.1/7

+ sign 279.120+/-0.055 χ^2/NDF: 960683.1/25

All: 276.075+/-0.038 χ^2/NDF: 1842510.4/52

- sign 273.256+/-0.053 χ^2/NDF: 876013.2/26

asym_sam4_correction_mean vs Slug



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

Left Out: -3438.557+/-819.885 χ^2/NDF:15.3/8

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

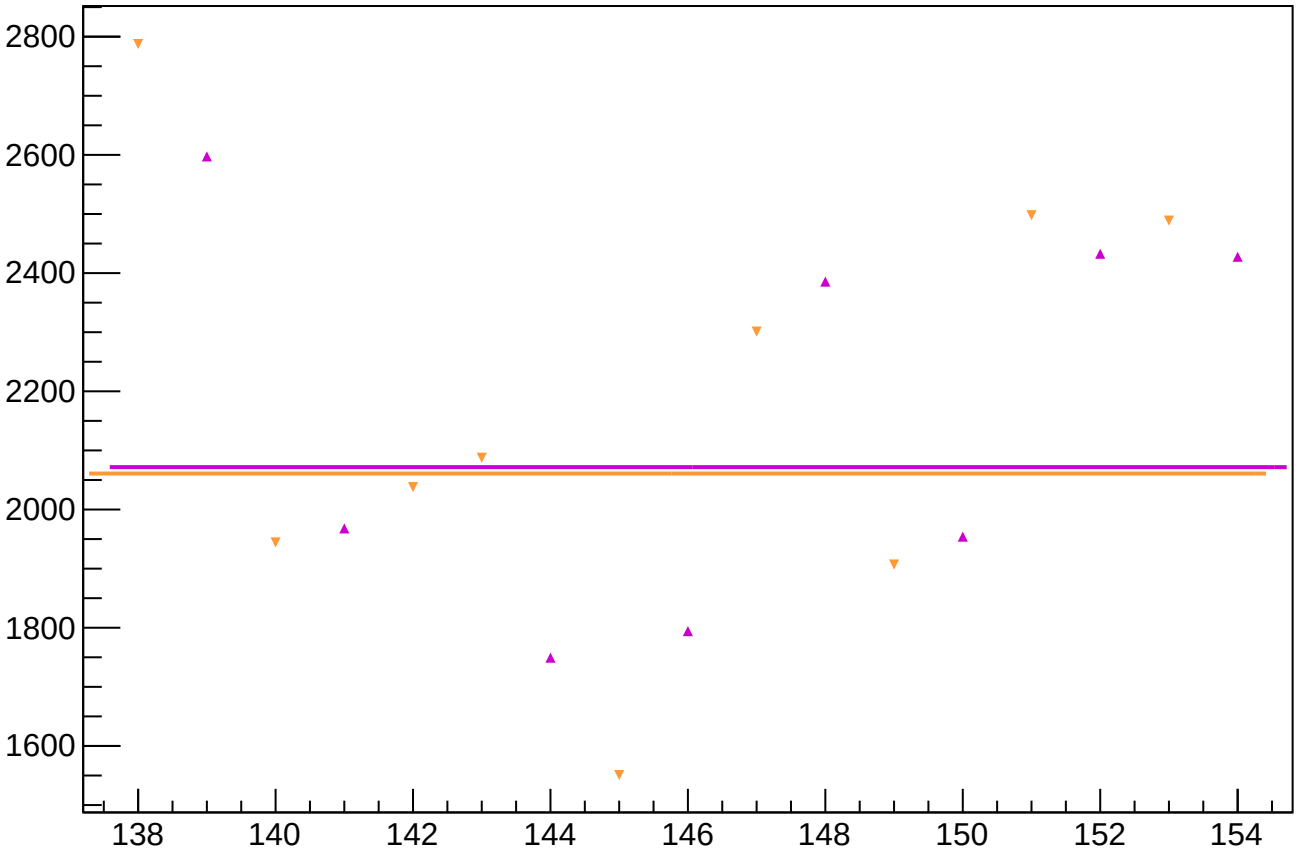
Left In: -1335.555+/-813.833 χ^2/NDF:4.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2379.265+/-577.595 χ^2/NDF: 23.5/16

- 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: 2060.878+/-0.580 χ^2/NDF:386830.7/8

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

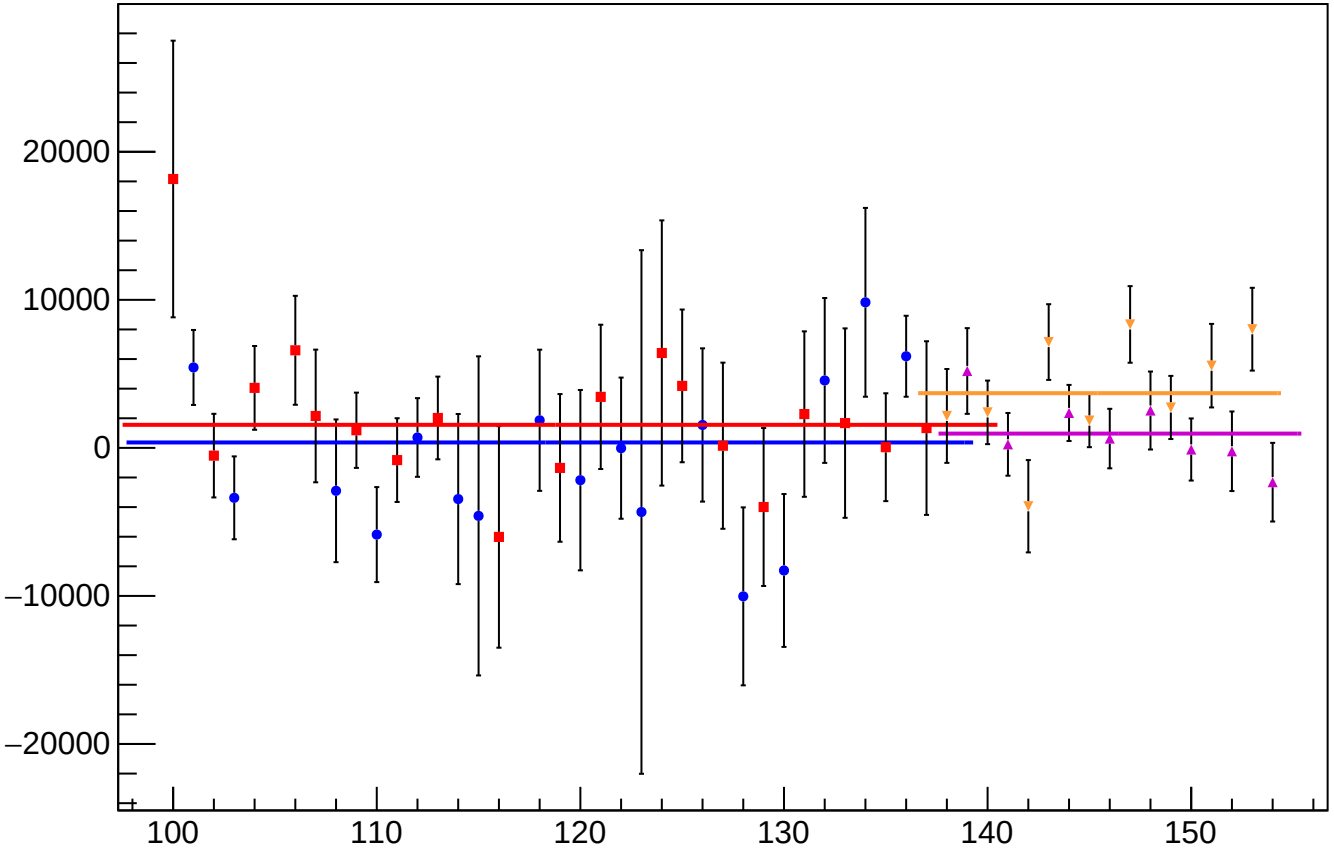
Left In: 2071.720+/-0.575 χ^2/NDF:271895.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2066.339+/-0.408 χ^2/NDF: 658902.1/16

- 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: 3696.004+/-815.033 χ^2/NDF:15.7/8

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

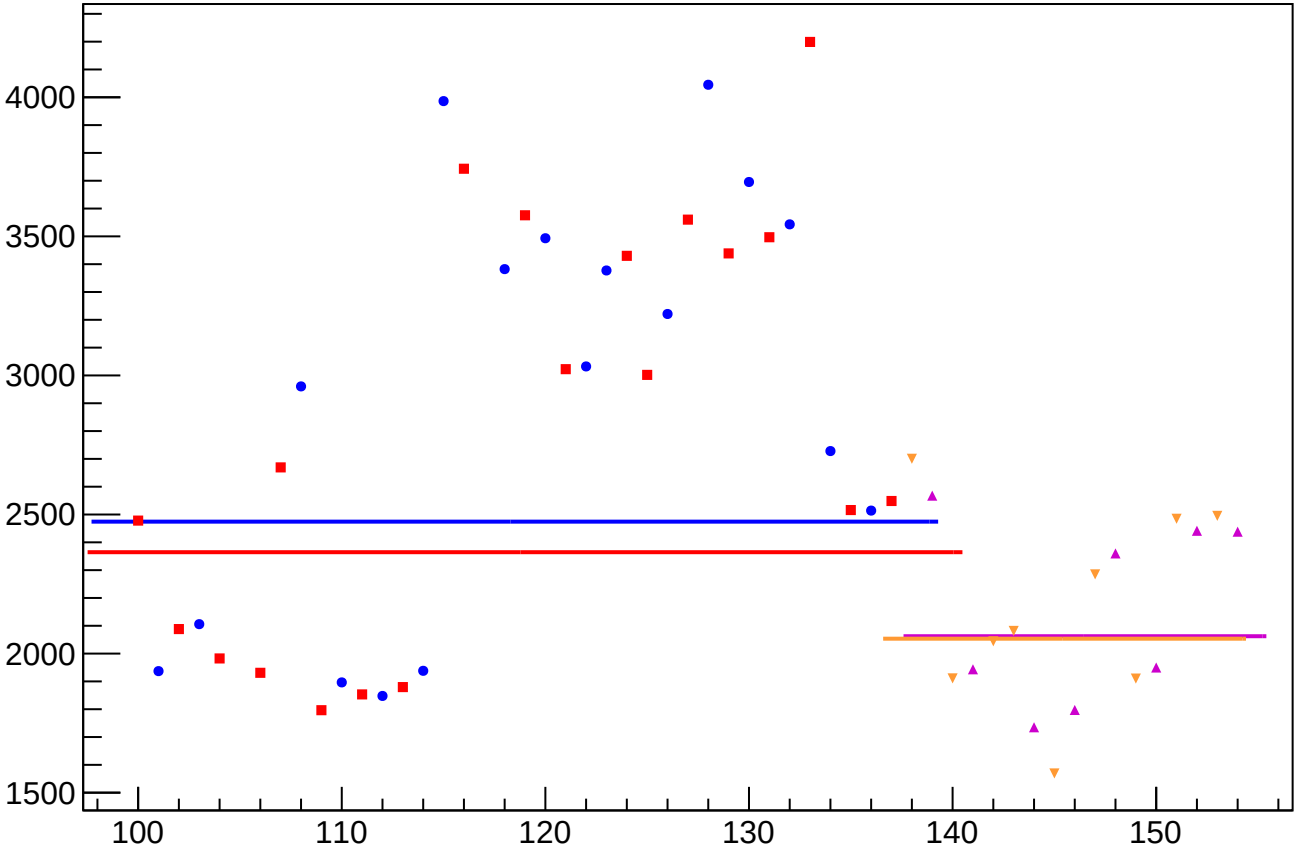
Left In: 964.946+/-811.173 χ^2/NDF:5.2/7

+ sign 2354.977+/-629.866 χ^2/NDF: 46.6/25

All: 1770.381+/-438.040 χ^2/NDF: 64.2/52

- sign 1222.806+/-609.596 χ^2/NDF: 15.9/26

asym_sam4_rms vs Slug



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

Left Out: 2053.568+/-0.576 χ^2/NDF:359574.3/8

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

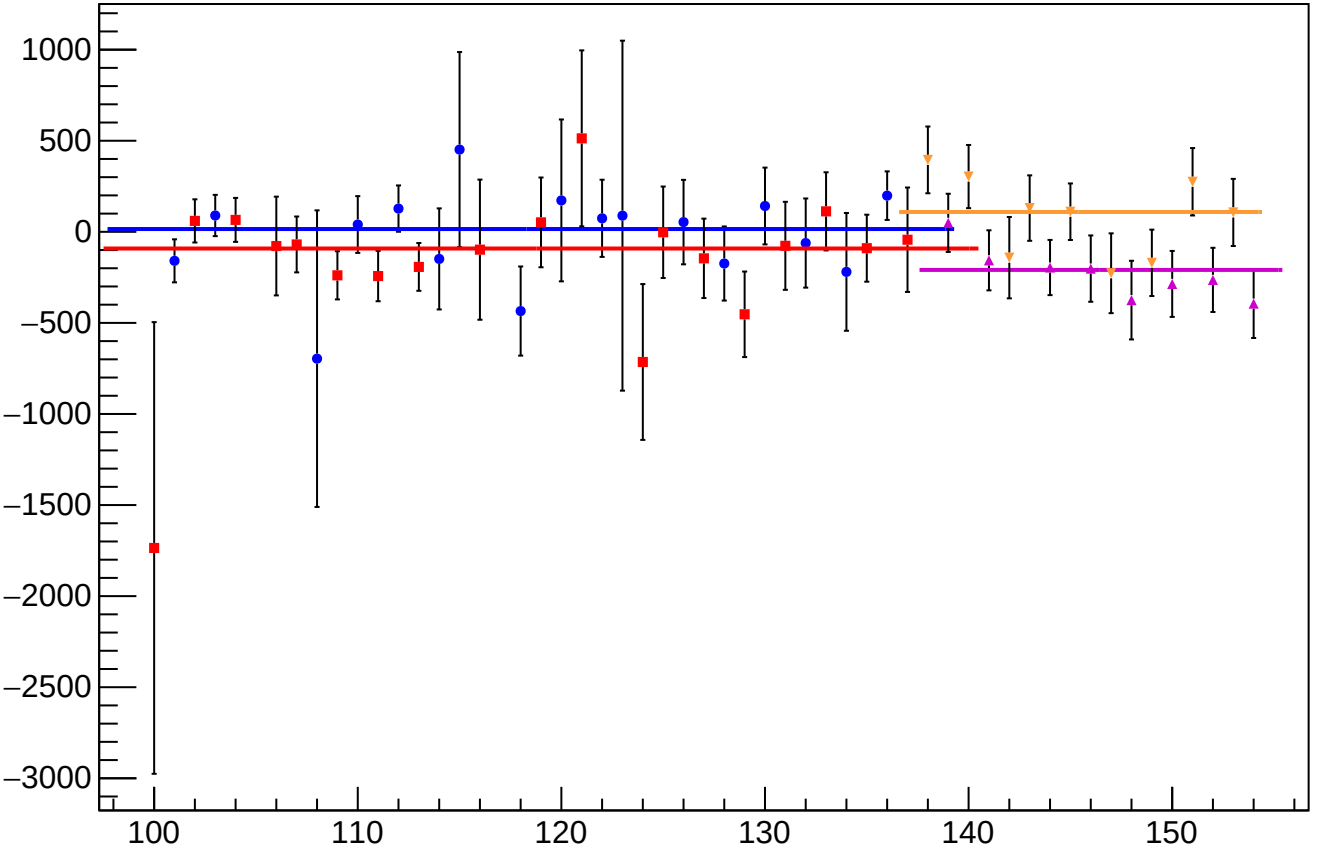
Left In: 2062.457+/-0.574 χ^2/NDF:272880.3/7

+ sign 2223.060+/-0.445 χ^2/NDF: 1480583.0/25

All: 2208.015+/-0.310 χ^2/NDF: 2899773.7/52

- sign 2193.924+/-0.431 χ^2/NDF: 1416981.0/26

dit_asym_sam5_mean vs Slug



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

Left Out: 109.031+/-61.408 χ^2/NDF:10.5/8

Right Out: -91.634+/-43.318 χ^2/NDF: 15.7/18

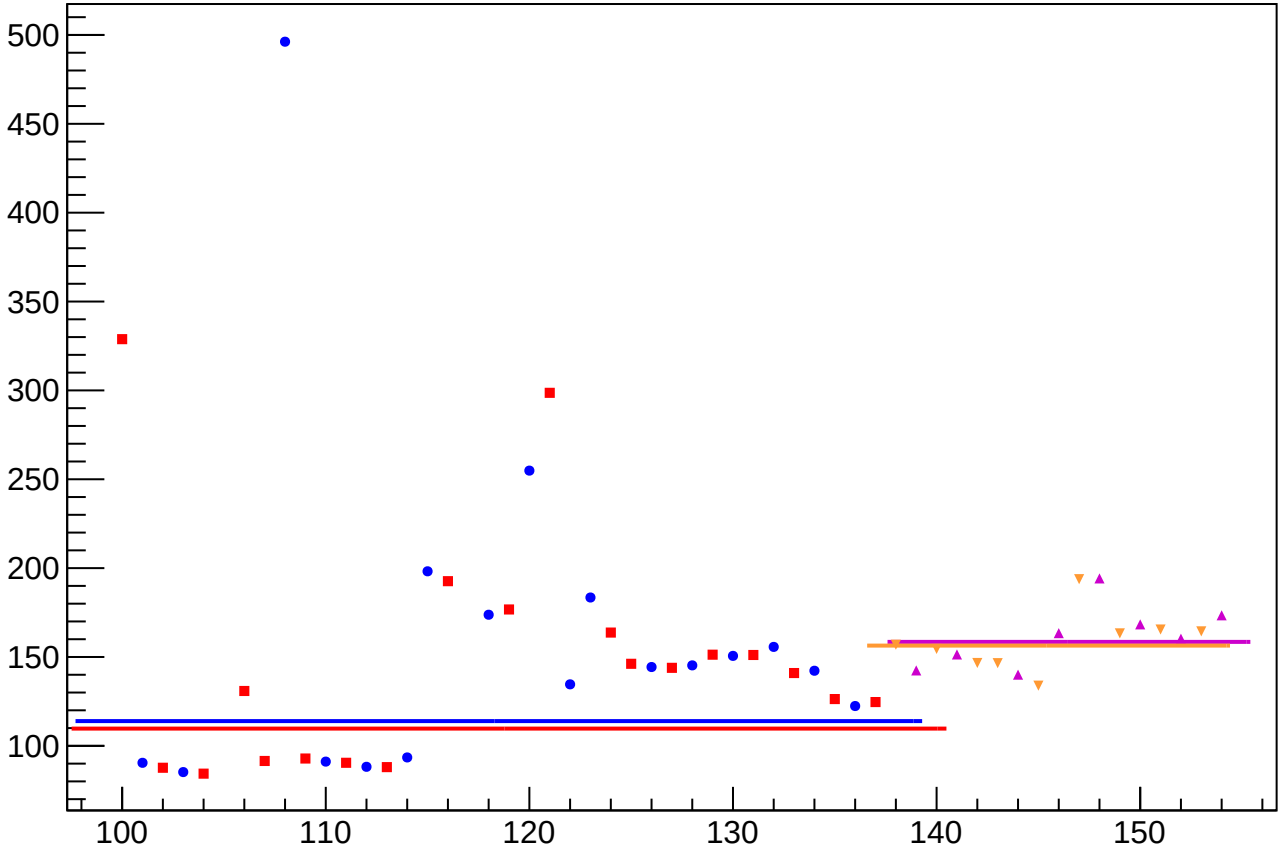
Left In: -209.136+/-61.778 χ^2/NDF:4.6/7

+ sign 49.408+/-37.042 χ^2/NDF: 24.5/25

All: -44.380+/-25.618 χ^2/NDF: 59.4/52

- sign -130.364+/-35.468 χ^2/NDF: 22.6/26

dit_asym_sam5_rms vs Slug



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 156.410+/-0.043 χ^2/NDF:121963.2/8

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

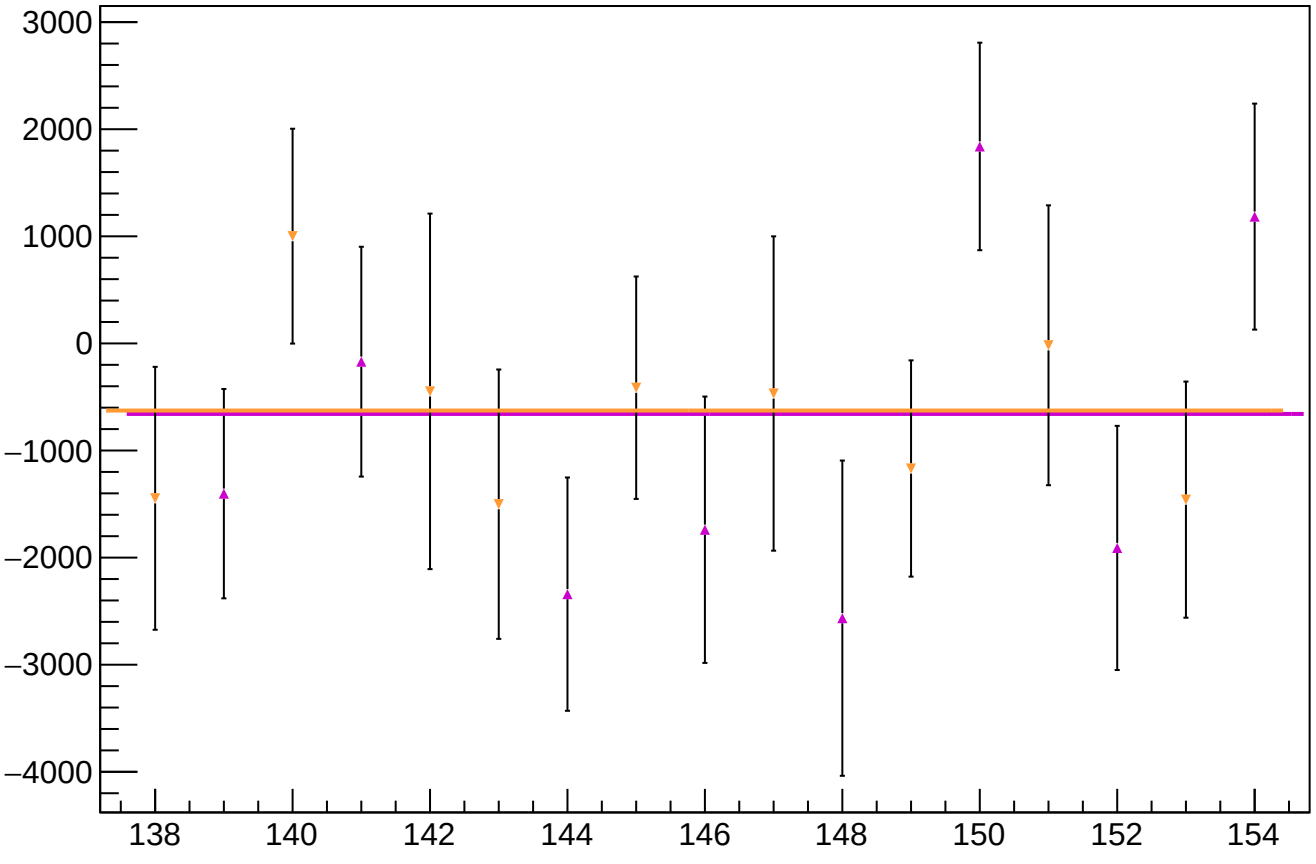
Left In: 158.498+/-0.044 χ^2/NDF:128393.1/7

+ sign 129.388+/-0.026 χ^2/NDF: 2138602.0/25

All: 127.511+/-0.018 χ^2/NDF: 4355078.6/52

- sign 125.791+/-0.025 χ^2/NDF: 2206633.6/26

asym_sam5_correction_mean vs Slug



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

Left Out: -626.779+/-394.223 χ^2/NDF:4.7/8

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

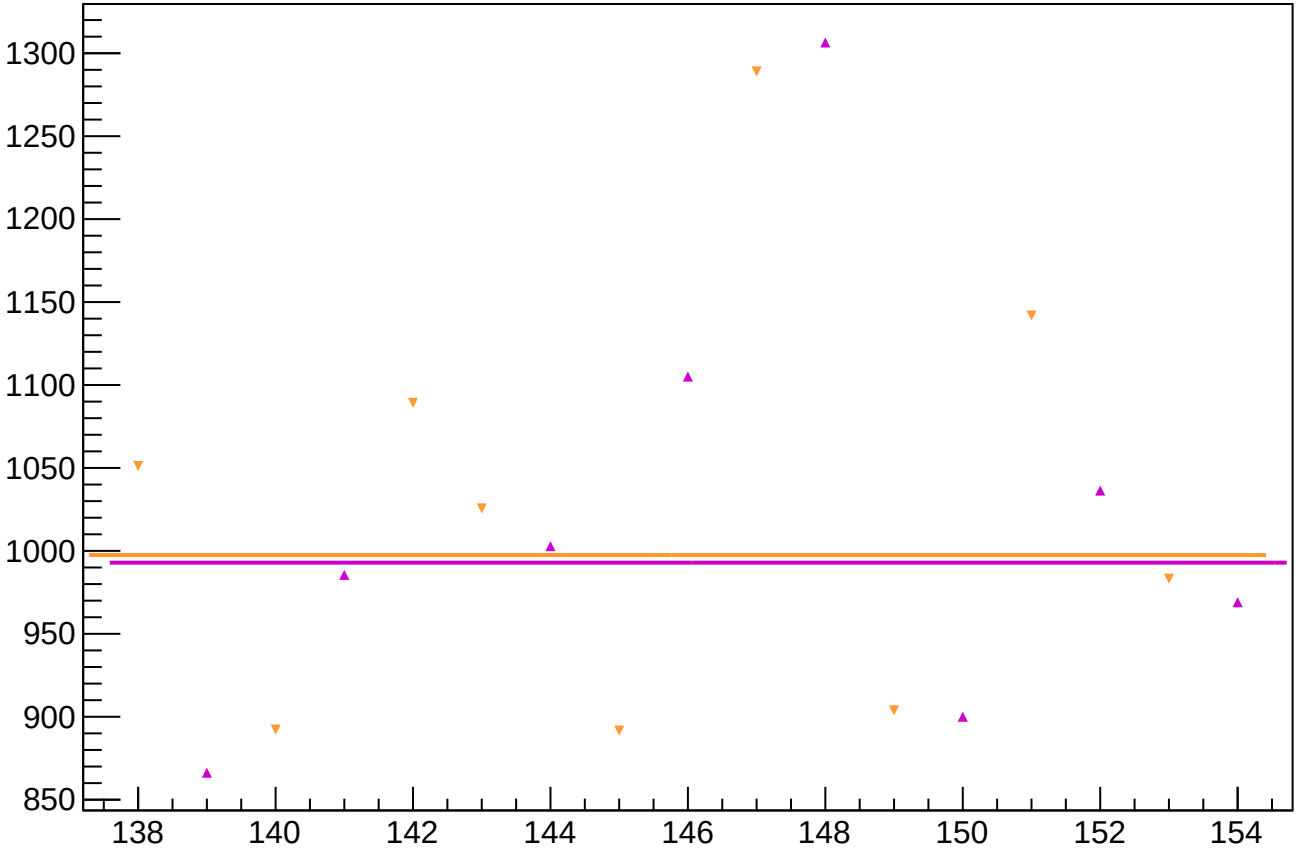
Left In: -658.449+/-389.256 χ^2/NDF:16.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -642.815+/-276.985 χ^2/NDF: 21.2/16

- 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: 997.532+/-0.279 χ^2/NDF:174621.1/8

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

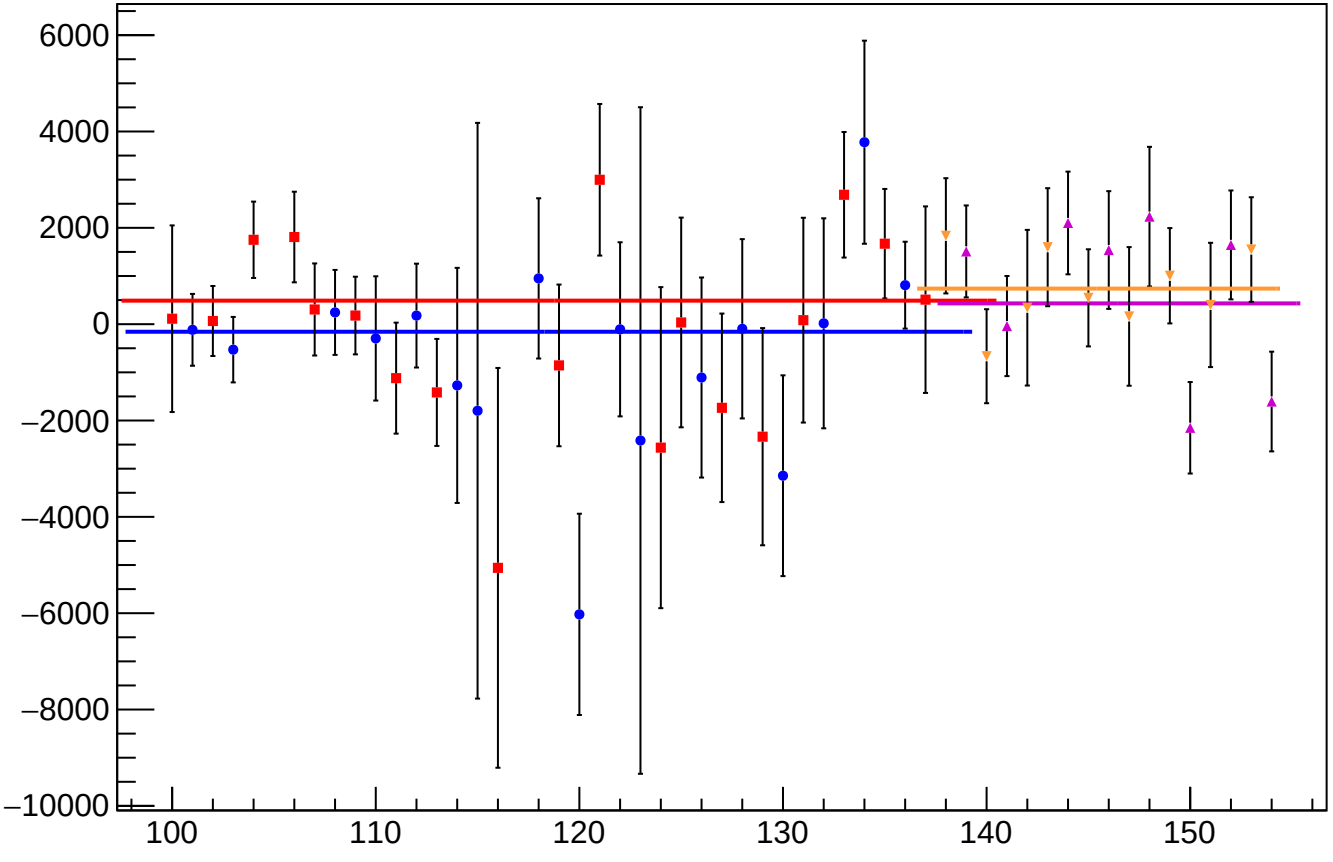
Left In: 992.903+/-0.275 χ^2/NDF:163217.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 995.188+/-0.196 χ^2/NDF: 337978.6/16

- 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: 738.824+/-385.280 χ^2/NDF:4.4/8

Right Out: 488.583+/-282.758 χ^2/NDF: 22.6/18

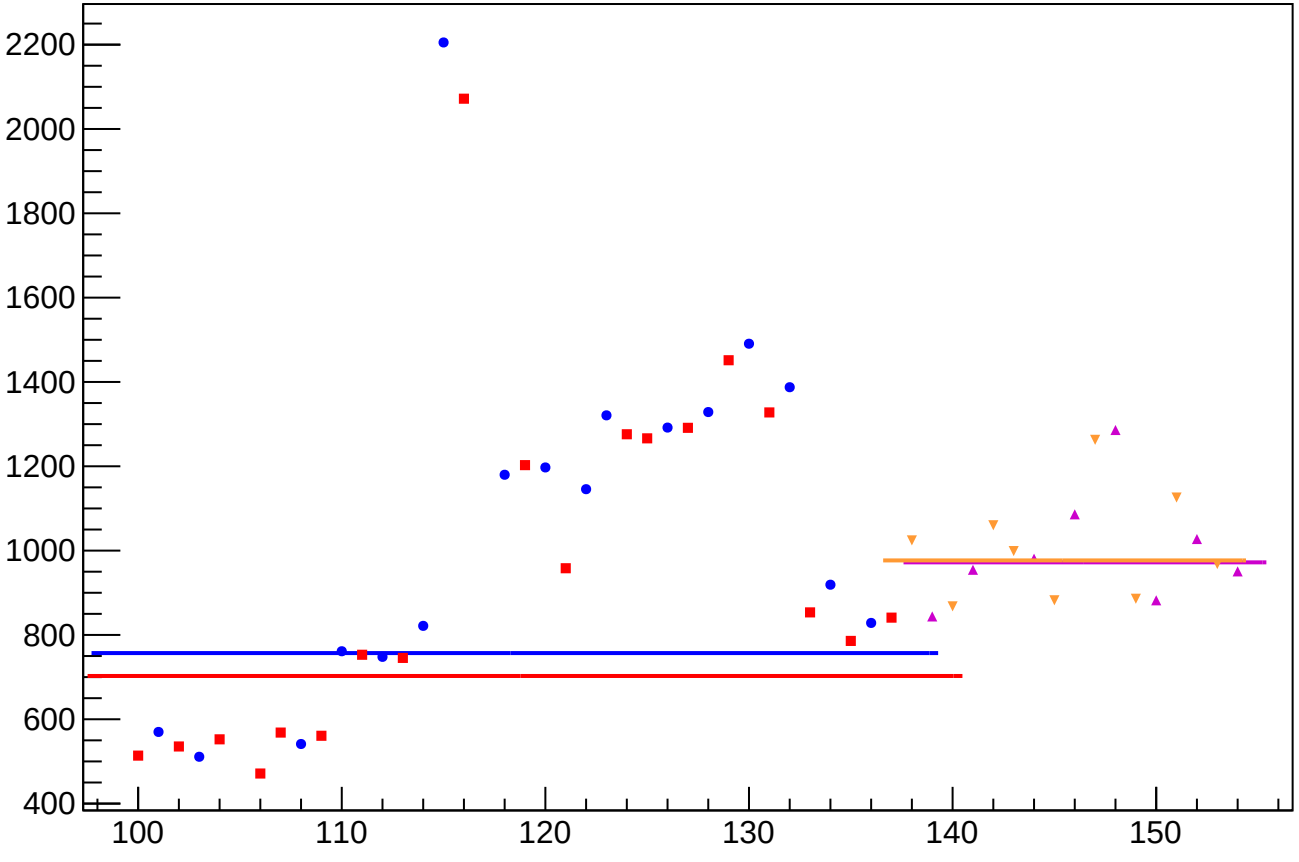
Left In: 431.820+/-381.407 χ^2/NDF:18.7/7

+ sign 198.372+/-242.702 χ^2/NDF: 23.9/25

All: 342.344+/-165.843 χ^2/NDF: 65.9/52

- sign 468.450+/-227.146 χ^2/NDF: 41.4/26

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 976.738+/-0.272 χ^2/NDF:174411.5/8

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

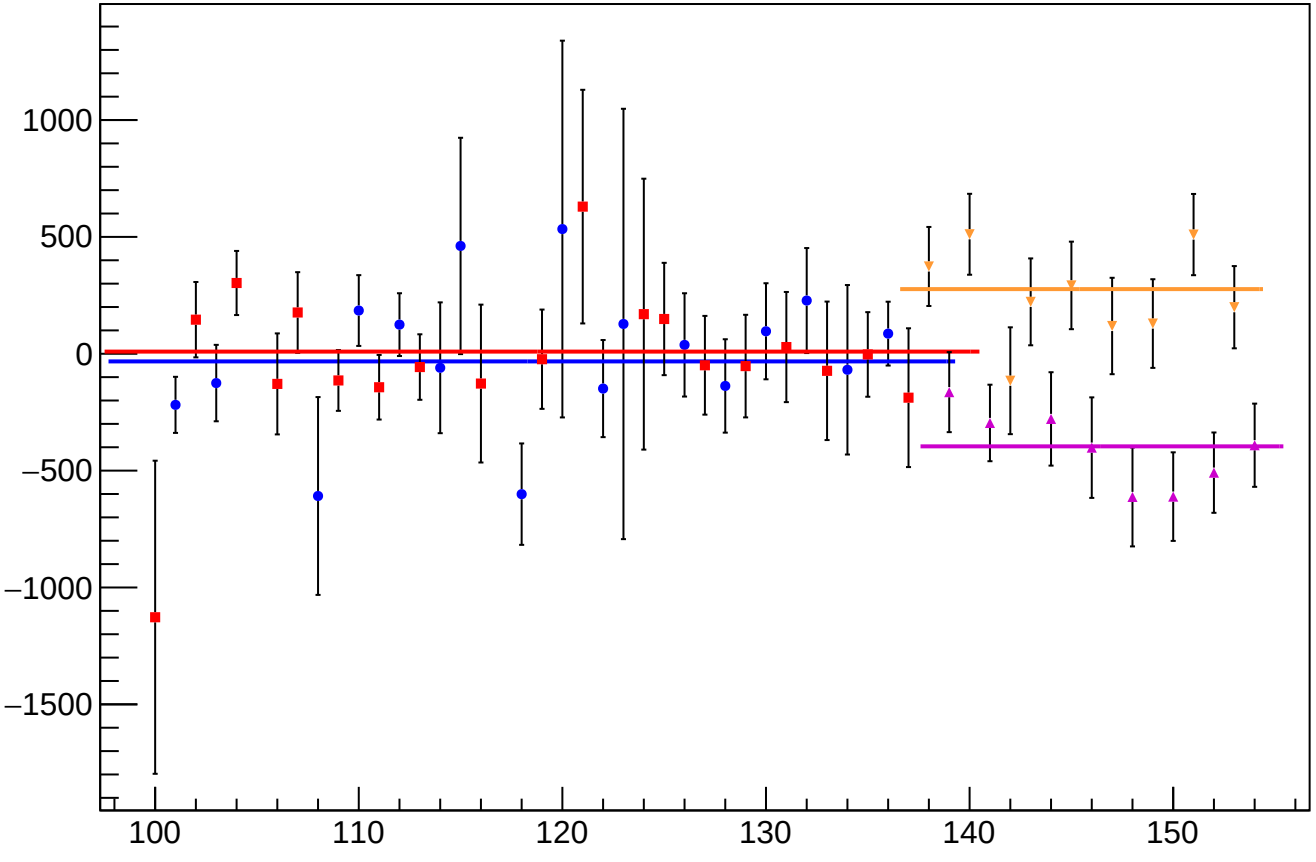
Left In: 972.140+/-0.270 χ^2/NDF:171707.3/7

+ sign 844.187+/-0.172 χ^2/NDF: 2278155.3/25

All: 819.691+/-0.117 χ^2/NDF: 4821971.8/52

- sign 798.235+/-0.161 χ^2/NDF: 2505598.0/26

dit_asym_sam6_mean vs Slug



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 276.634+/-61.819 χ^2/NDF:8.4/8

Right Out: 9.277+/-45.600 χ^2/NDF: 14.7/18

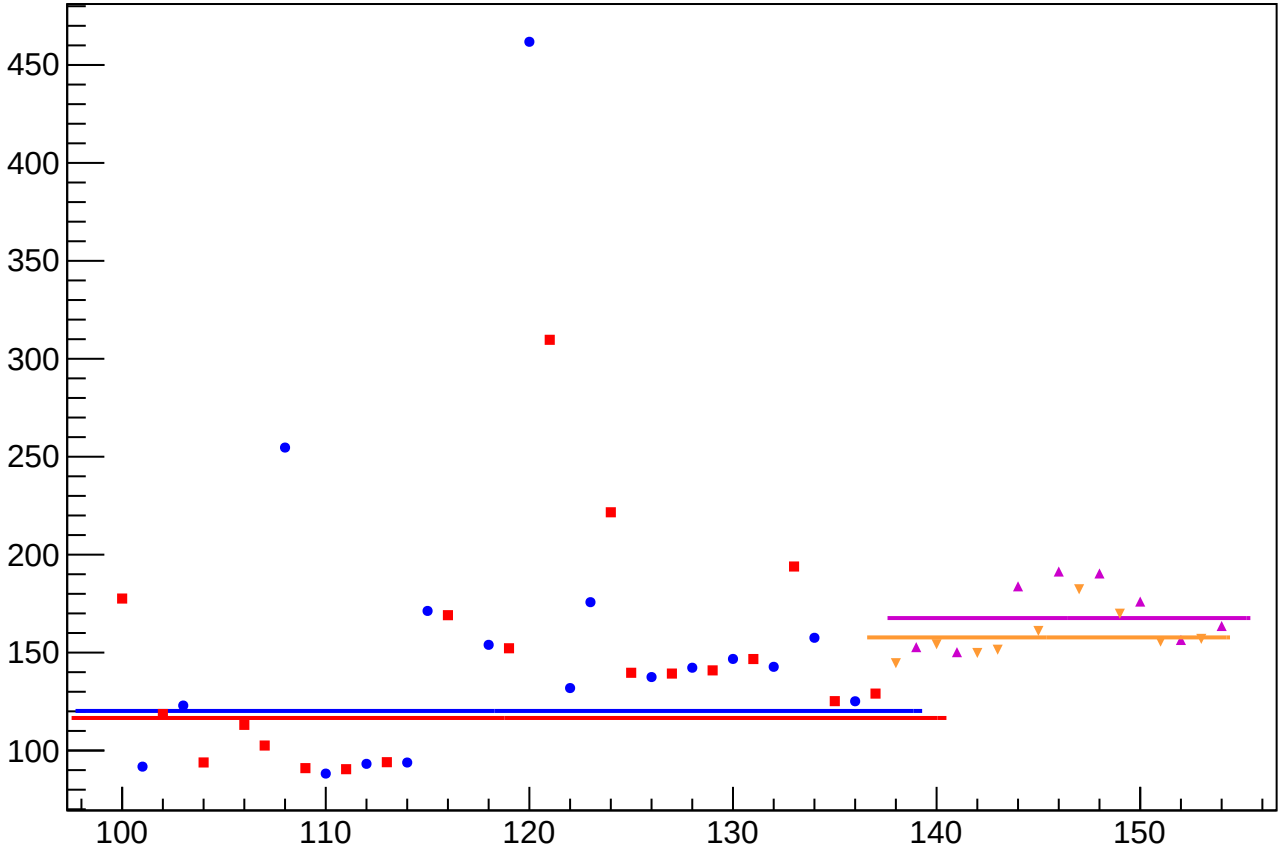
Left In: -396.131+/-65.412 χ^2/NDF:5.3/7

+ sign 84.954+/-38.124 χ^2/NDF: 43.6/25

All: -21.153+/-26.701 χ^2/NDF: 104.7/52

- sign -123.307+/-37.407 χ^2/NDF: 45.9/26

dit_asym_sam6_rms vs Slug



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 157.749+/-0.044 χ^2/NDF:55189.4/8

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

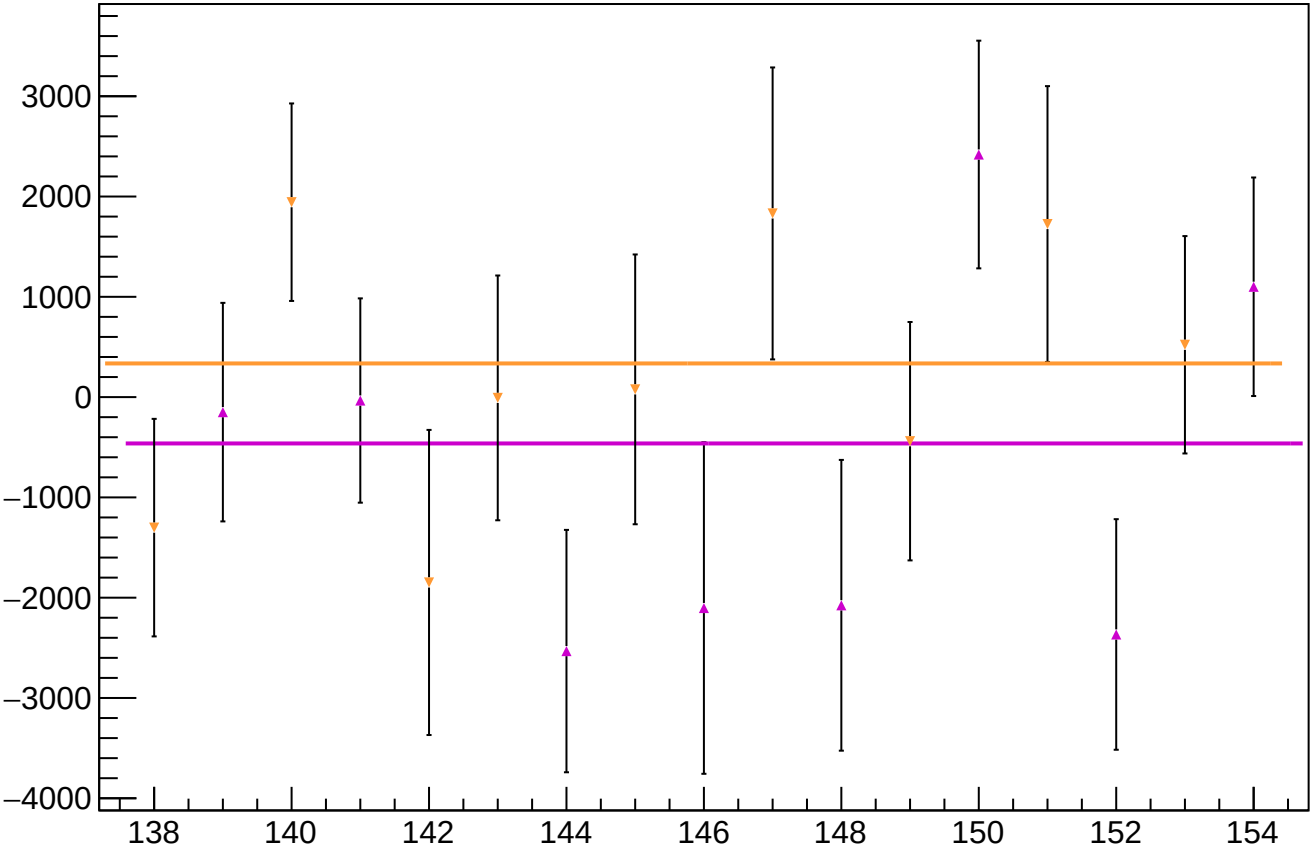
Left In: 167.626+/-0.046 χ^2/NDF:111810.8/7

+ sign 134.485+/-0.027 χ^2/NDF: 1574602.4/25

All: 133.881+/-0.019 χ^2/NDF: 3503773.1/52

- sign 133.299+/-0.026 χ^2/NDF: 1928184.4/26

asym_sam6_correction_mean vs Slug



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

Left Out: 335.674+/-404.955 χ^2/NDF:9.7/8

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

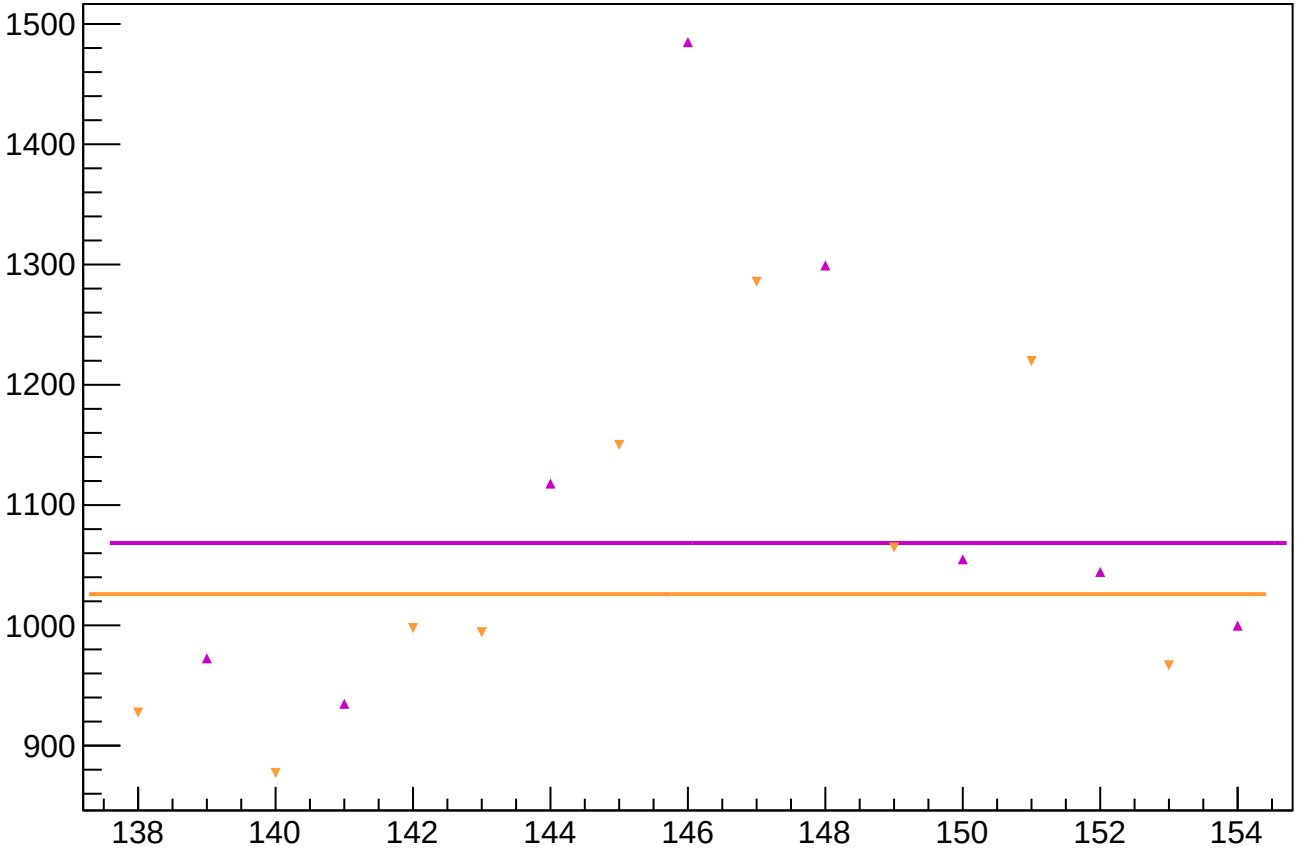
Left In: -462.081+/-418.560 χ^2/NDF:16.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -50.028+/-291.037 χ^2/NDF: 28.2/16

- 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: 1025.966+/-0.286 χ^2/NDF:192630.2/8

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

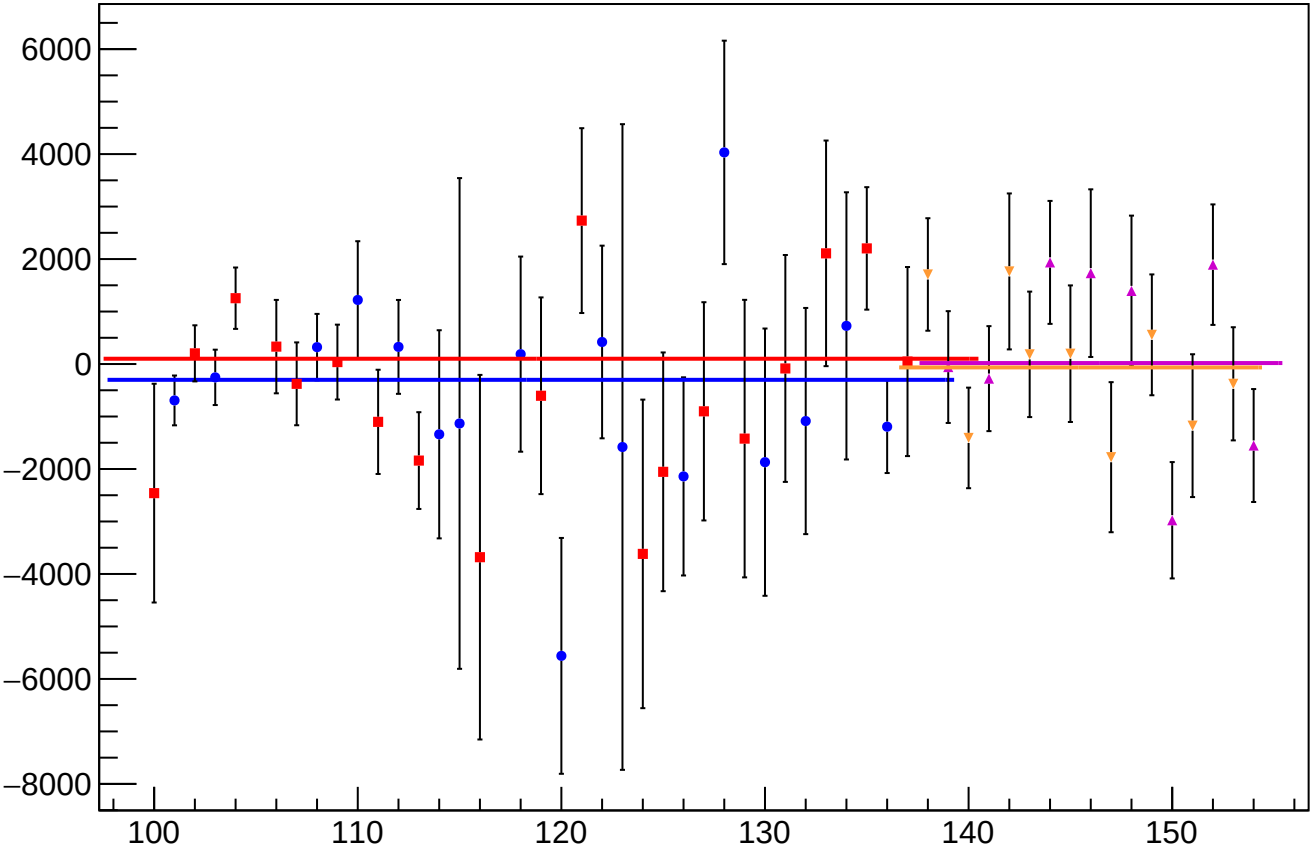
Left In: 1068.466+/-0.296 χ^2/NDF:240019.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1046.514+/-0.206 χ^2/NDF: 443300.4/16

- 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: -64.645+/-396.913 χ^2/NDF:8.8/8

Right Out: 100.857+/-245.981 χ^2/NDF: 22.5/18

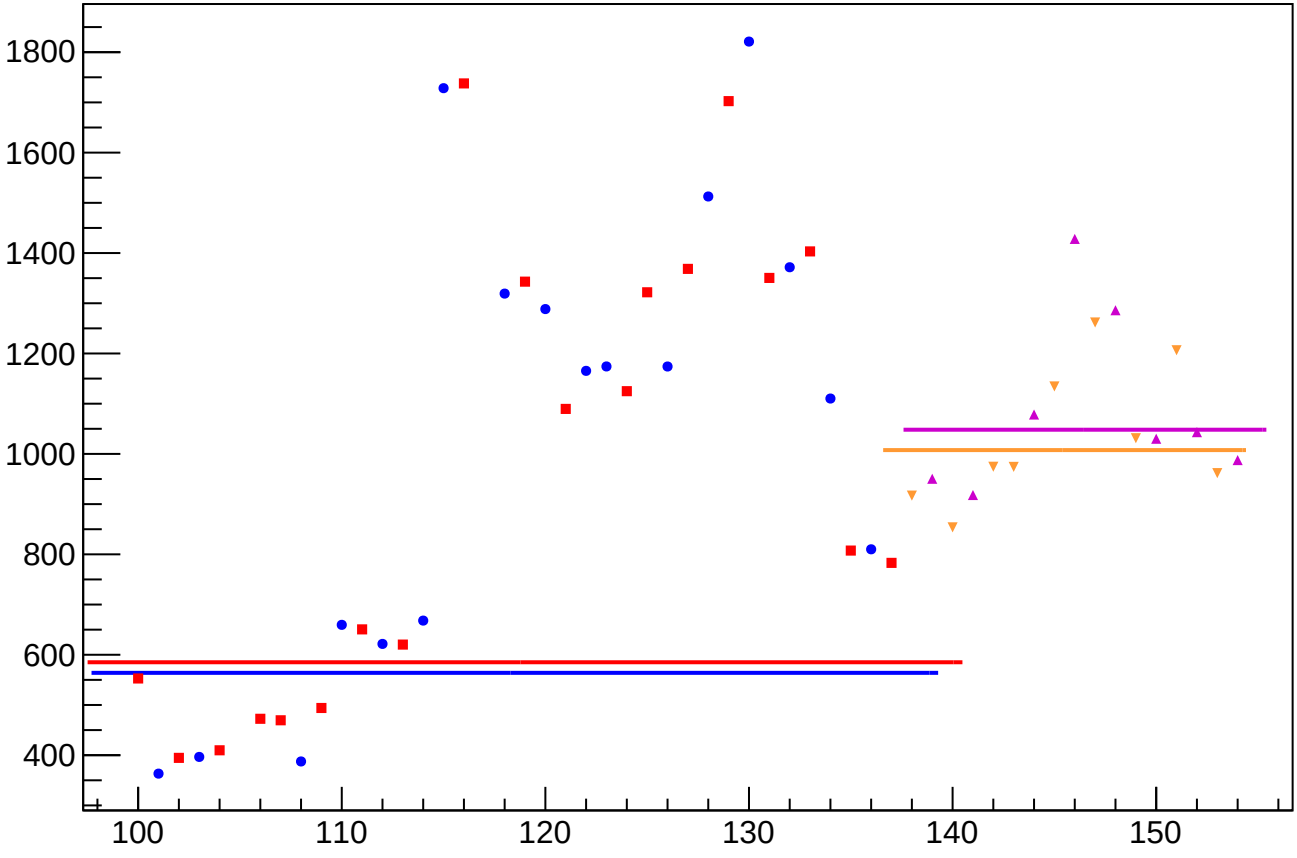
Left In: 18.677+/-410.865 χ^2/NDF:16.9/7

+ sign -233.850+/-211.562 χ^2/NDF: 25.9/25

All: -76.958+/-149.415 χ^2/NDF: 66.5/52

- sign 79.174+/-211.049 χ^2/NDF: 39.5/26

asym_sam6_rms vs Slug



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1007.595+/-0.281 χ^2/NDF:197776.5/8

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

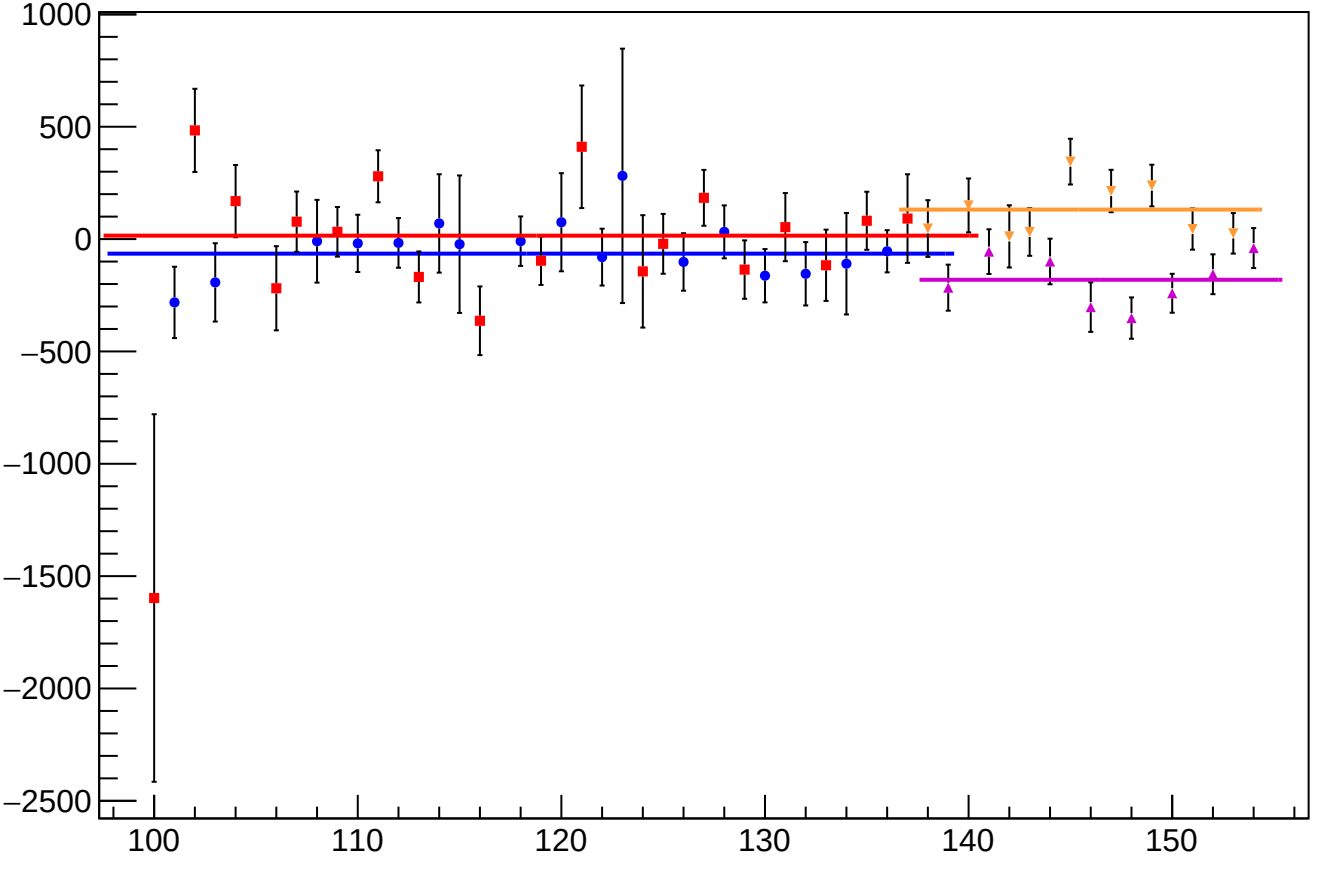
Left In: 1048.172+/-0.291 χ^2/NDF:227023.1/7

+ sign 690.032+/-0.150 χ^2/NDF: 5247624.6/25

All: 698.668+/-0.106 χ^2/NDF: 10172593.2/52

- sign 707.262+/-0.149 χ^2/NDF: 4918319.5/26

dit_asym_sam7_mean vs Slug



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 131.379+/-34.497 χ^2/NDF:10.9/8

Right Out: 15.294+/-33.422 χ^2/NDF: 35.0/18

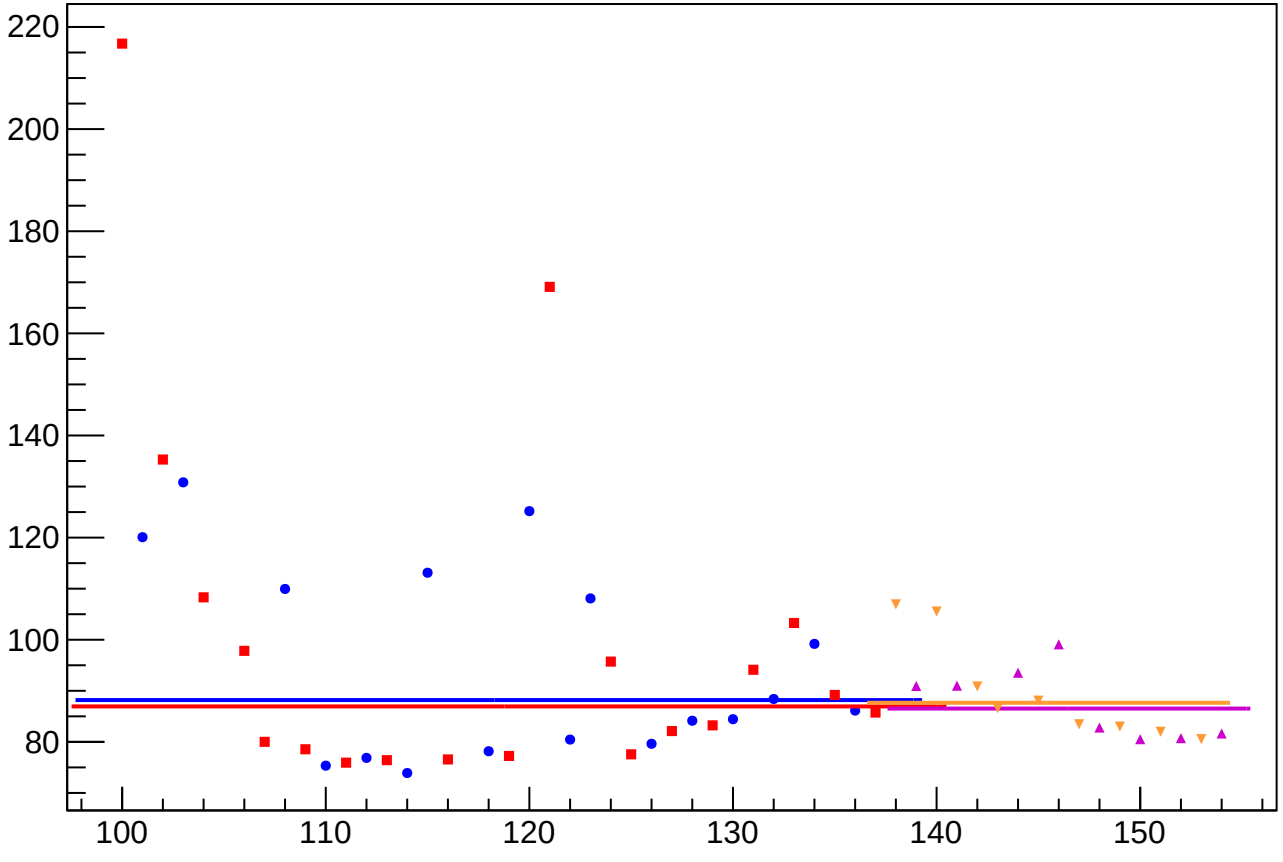
Left In: -181.029+/-33.692 χ^2/NDF:10.1/7

+ sign 33.667+/-24.440 χ^2/NDF: 33.1/25

All: -25.914+/-17.024 χ^2/NDF: 106.8/52

- sign -82.075+/-23.728 χ^2/NDF: 62.2/26

dit_asym_sam7_rms vs Slug



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 87.658+/-0.024 χ^2/NDF:121575.0/8

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

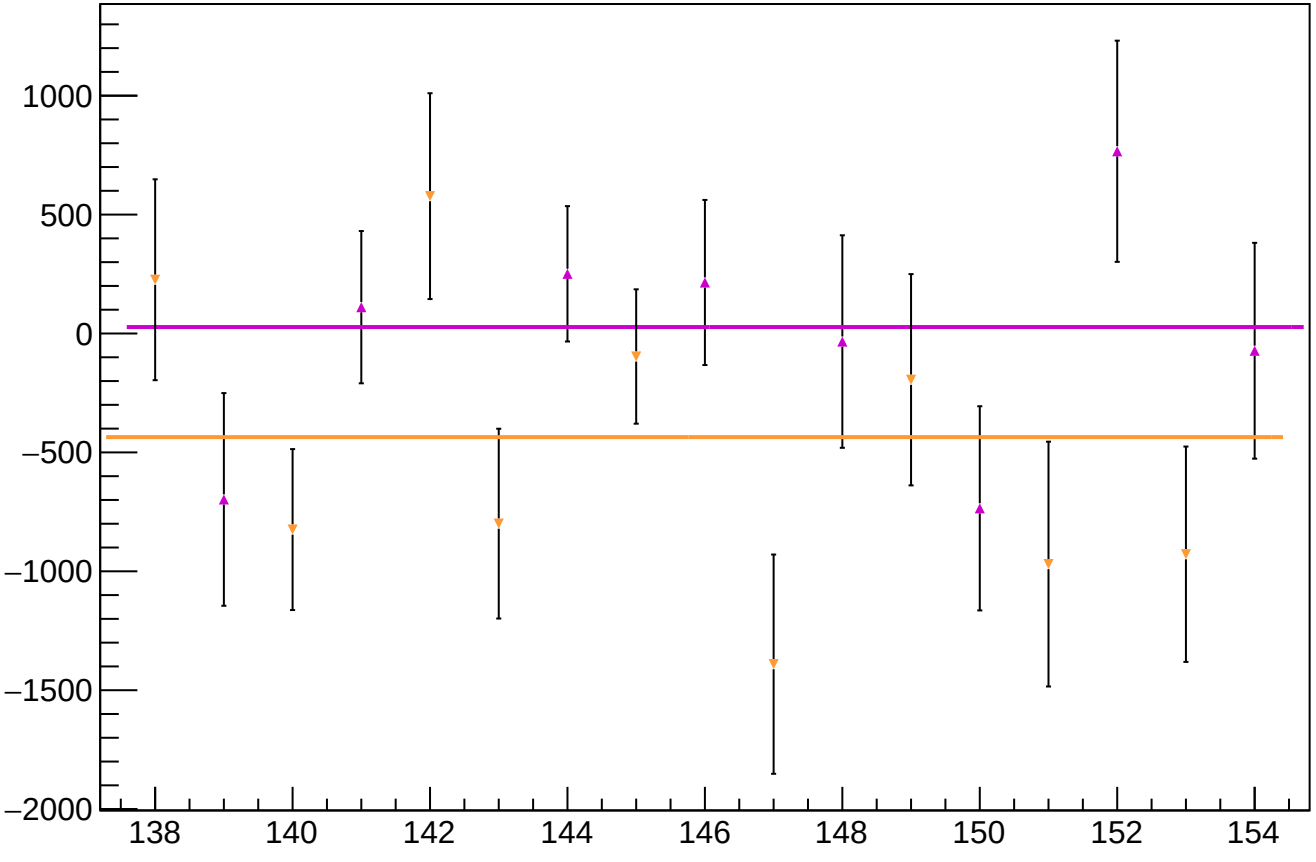
Left In: 86.522+/-0.024 χ^2/NDF:70731.9/7

+ sign 87.921+/-0.017 χ^2/NDF: 516256.3/25

All: 87.310+/-0.012 χ^2/NDF: 1120932.6/52

- sign 86.734+/-0.017 χ^2/NDF: 602248.8/26

asym_sam7_correction_mean vs Slug



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

Left Out: -435.754+/-132.557 χ^2/NDF:18.4/8

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

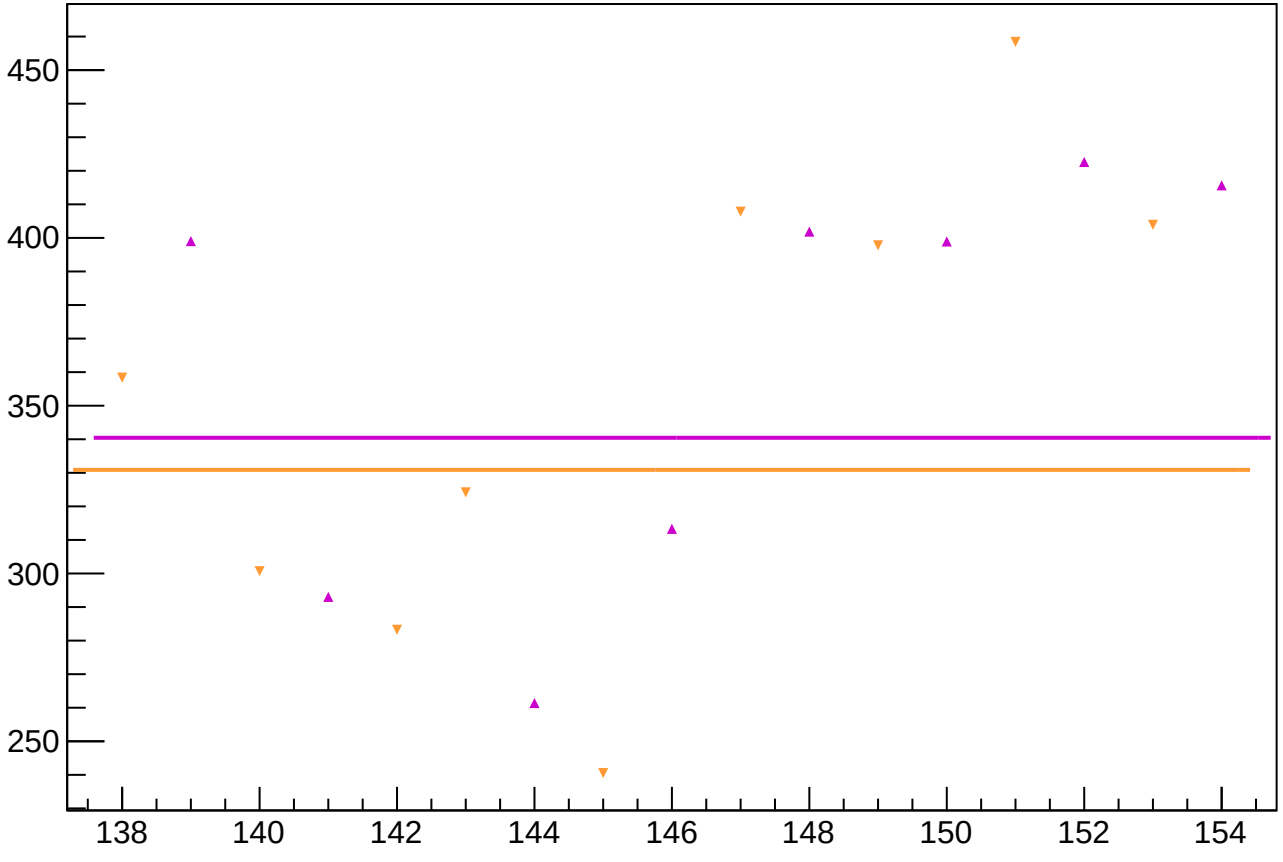
Left In: 27.102+/-134.453 χ^2/NDF:9.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -207.612+/-94.395 χ^2/NDF: 33.7/16

- 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: 330.882+/-0.094 χ^2/NDF:529681.4/8

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

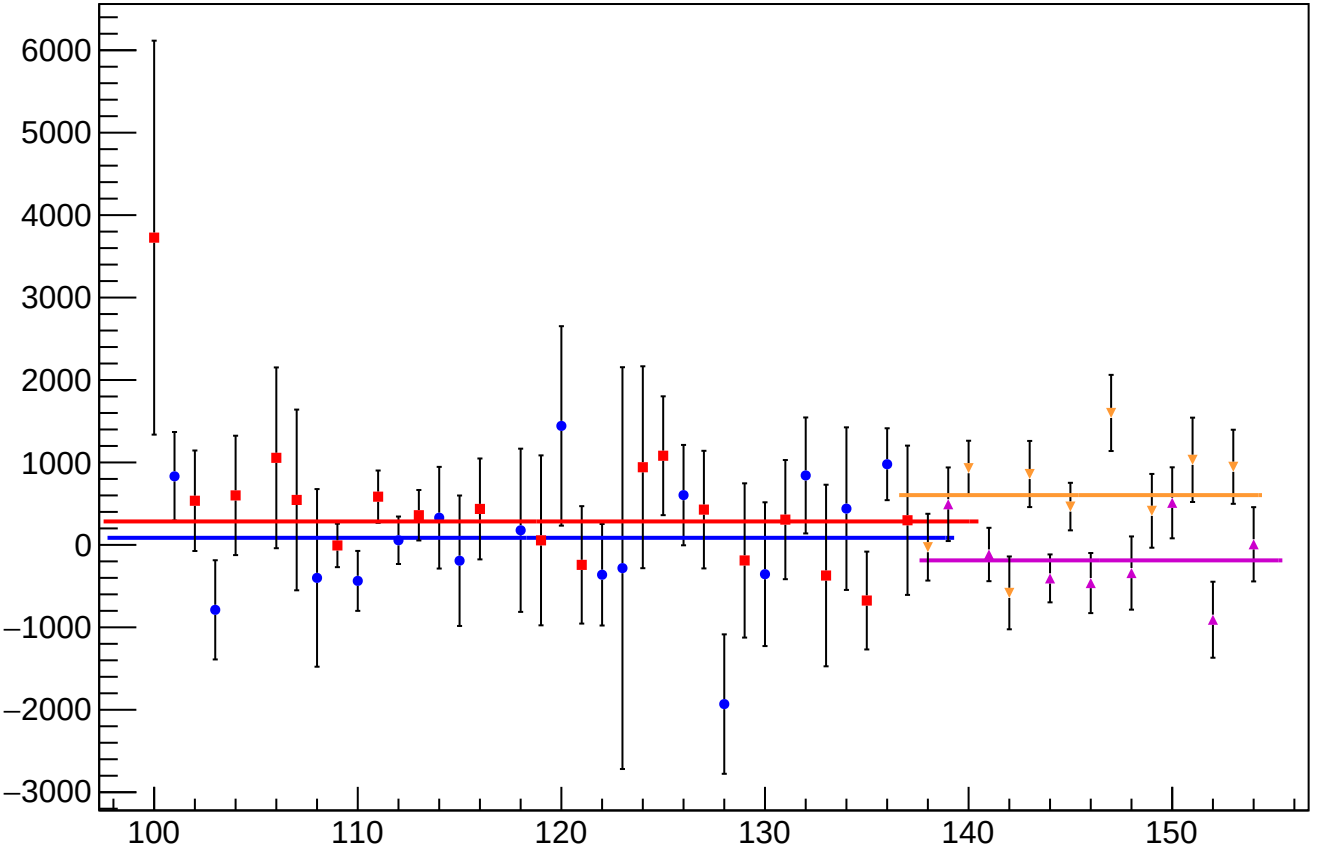
Left In: 340.443+/-0.095 χ^2/NDF:437082.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 335.595+/-0.067 χ^2/NDF: 971893.2/16

- 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: 603.791+/-132.514 χ^2/NDF:17.4/8

Right Out: 284.456+/-129.599 χ^2/NDF: 10.6/18

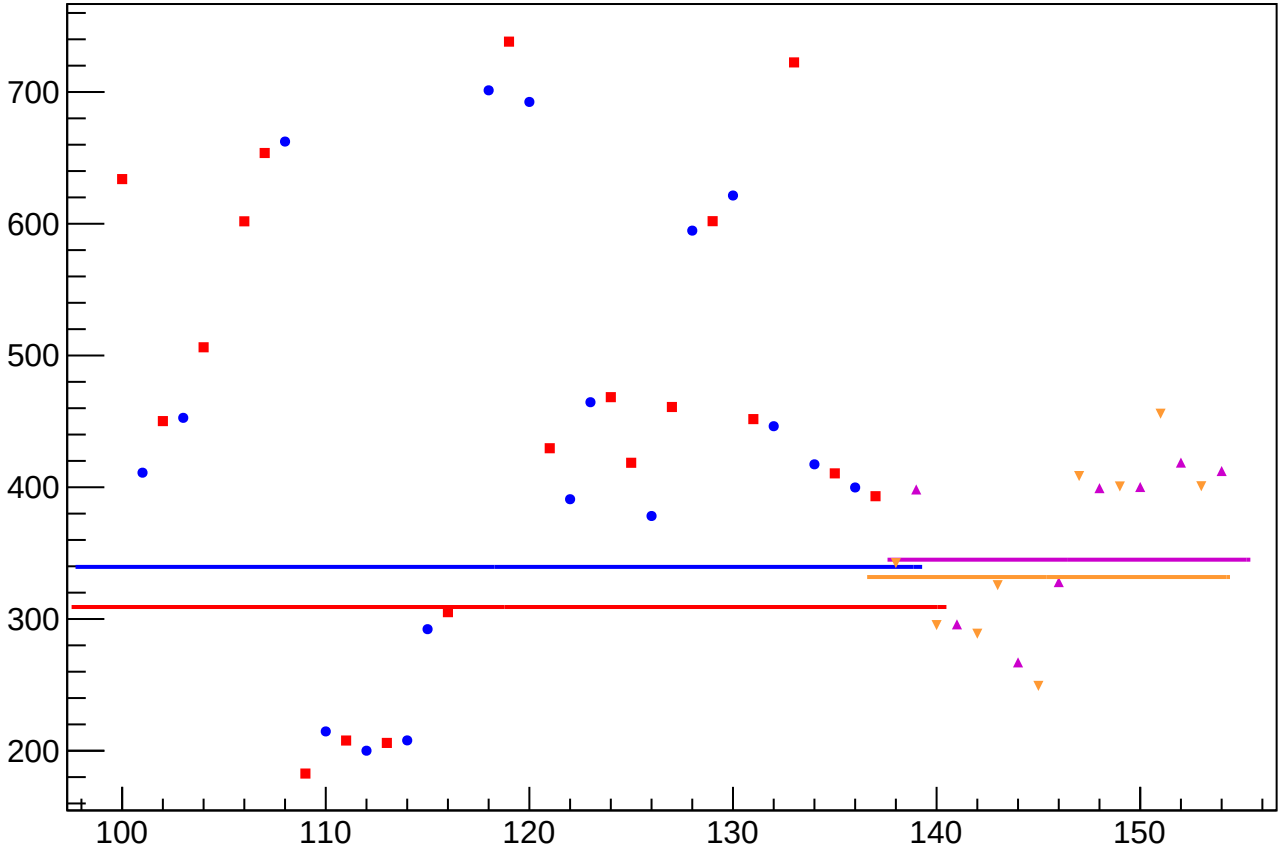
Left In: -187.832+/-136.046 χ^2/NDF:8.9/7

+ sign 363.767+/-97.072 χ^2/NDF: 45.0/25

All: 206.618+/-67.467 χ^2/NDF: 75.9/52

- sign 59.768+/-93.837 χ^2/NDF: 25.8/26

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 331.852+/-0.094 χ^2/NDF:475808.6/8

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

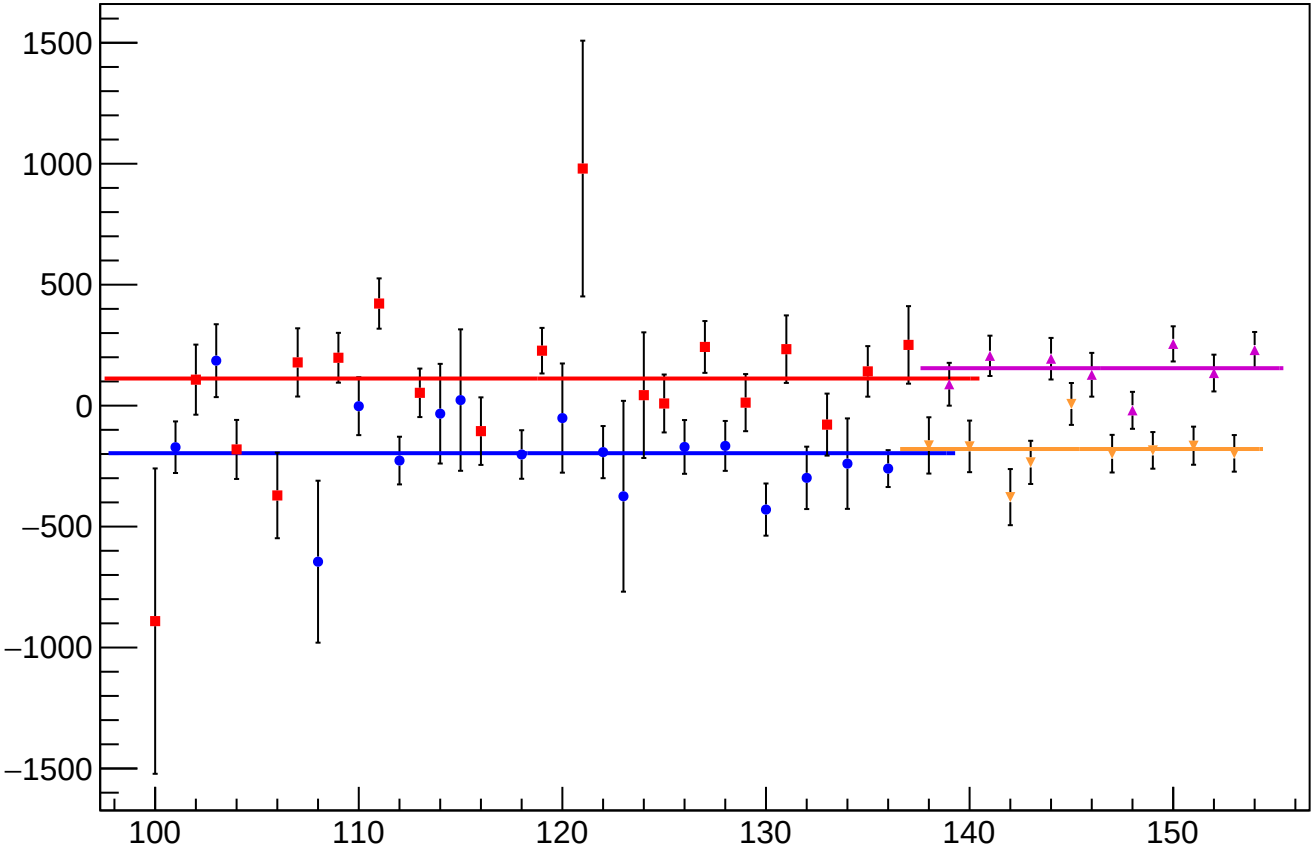
Left In: 345.023+/-0.096 χ^2/NDF:381156.0/7

+ sign 335.421+/-0.069 χ^2/NDF: 2521182.0/25

All: 330.650+/-0.048 χ^2/NDF: 5715073.0/52

- sign 326.193+/-0.066 χ^2/NDF: 3184548.0/26

dit_asym_sam8_mean vs Slug



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -179.264+/-29.233 χ^2/NDF:8.1/8

Right Out: 112.097+/-29.622 χ^2/NDF: 39.3/18

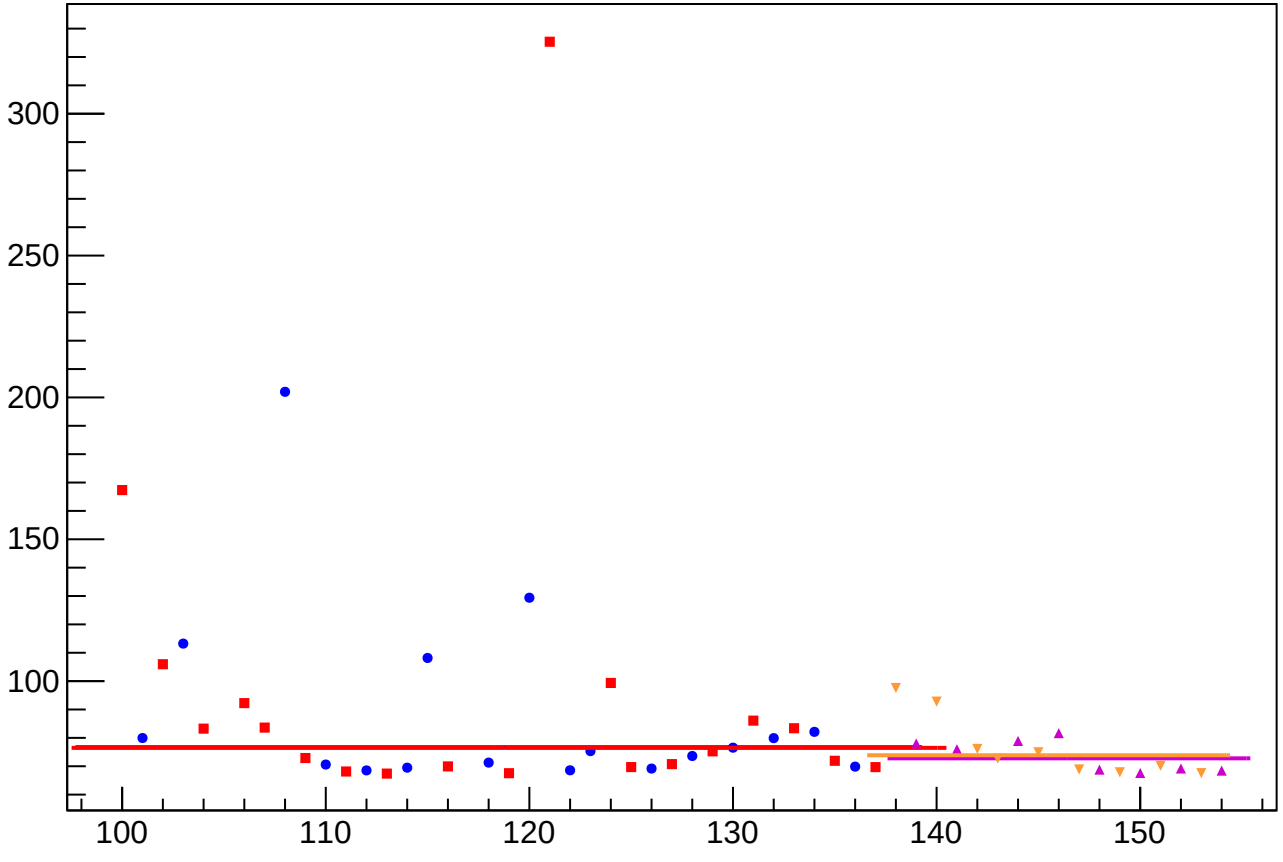
Left In: 154.791+/-28.377 χ^2/NDF:9.4/7

+ sign -187.593+/-21.071 χ^2/NDF: 27.3/25

All: -22.131+/-14.690 χ^2/NDF: 197.2/52

- sign 134.360+/-20.492 χ^2/NDF: 49.8/26

dit_asym_sam8_rms vs Slug



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 73.872+/-0.021 χ^2/NDF:186410.1/8

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

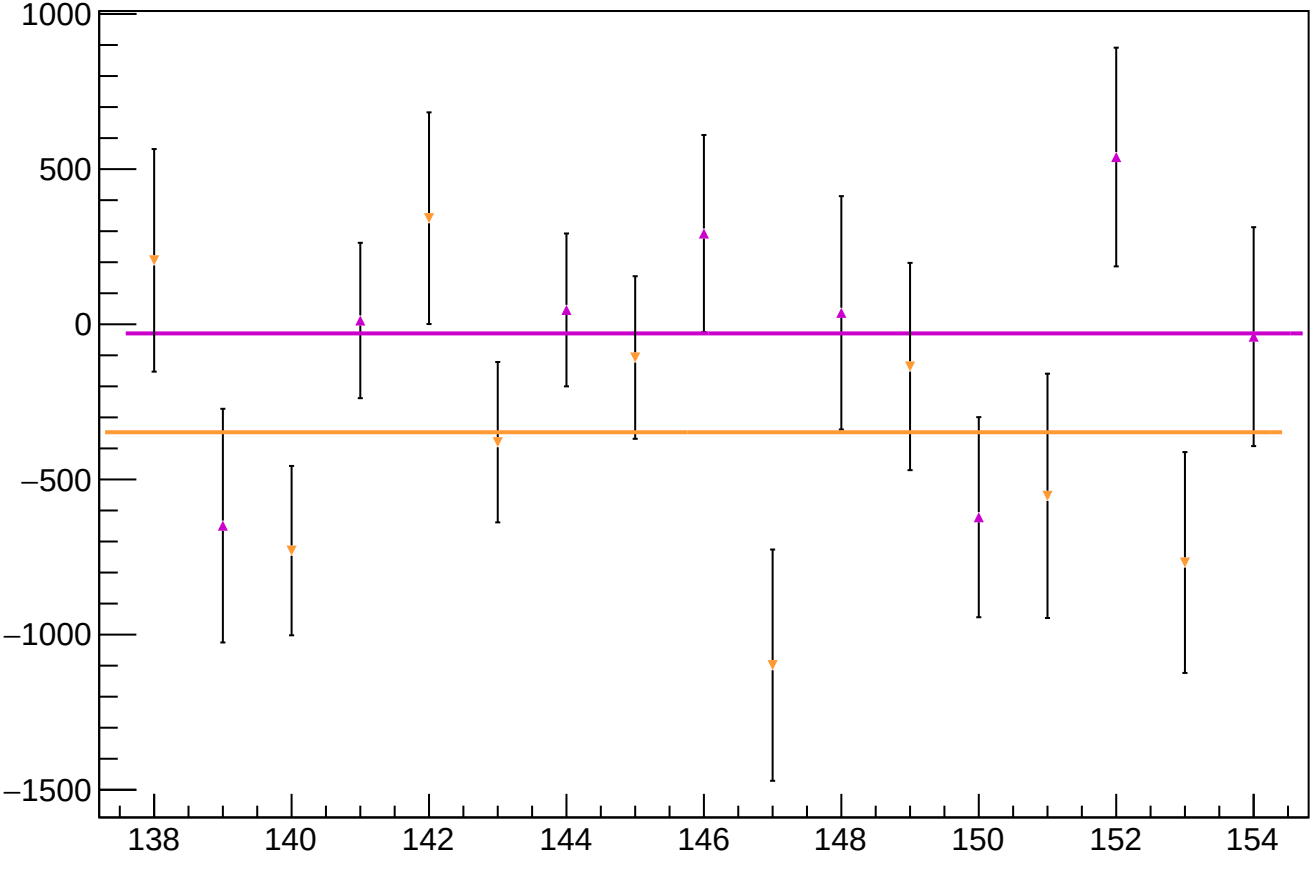
Left In: 72.785+/-0.020 χ^2/NDF:66150.4/7

+ sign 75.227+/-0.015 χ^2/NDF: 795701.8/25

All: 74.880+/-0.010 χ^2/NDF: 1578484.8/52

- sign 74.553+/-0.014 χ^2/NDF: 781730.7/26

asym_sam8_correction_mean vs Slug



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

Left Out: -347.892+/-105.490 χ^2/NDF:15.4/8

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

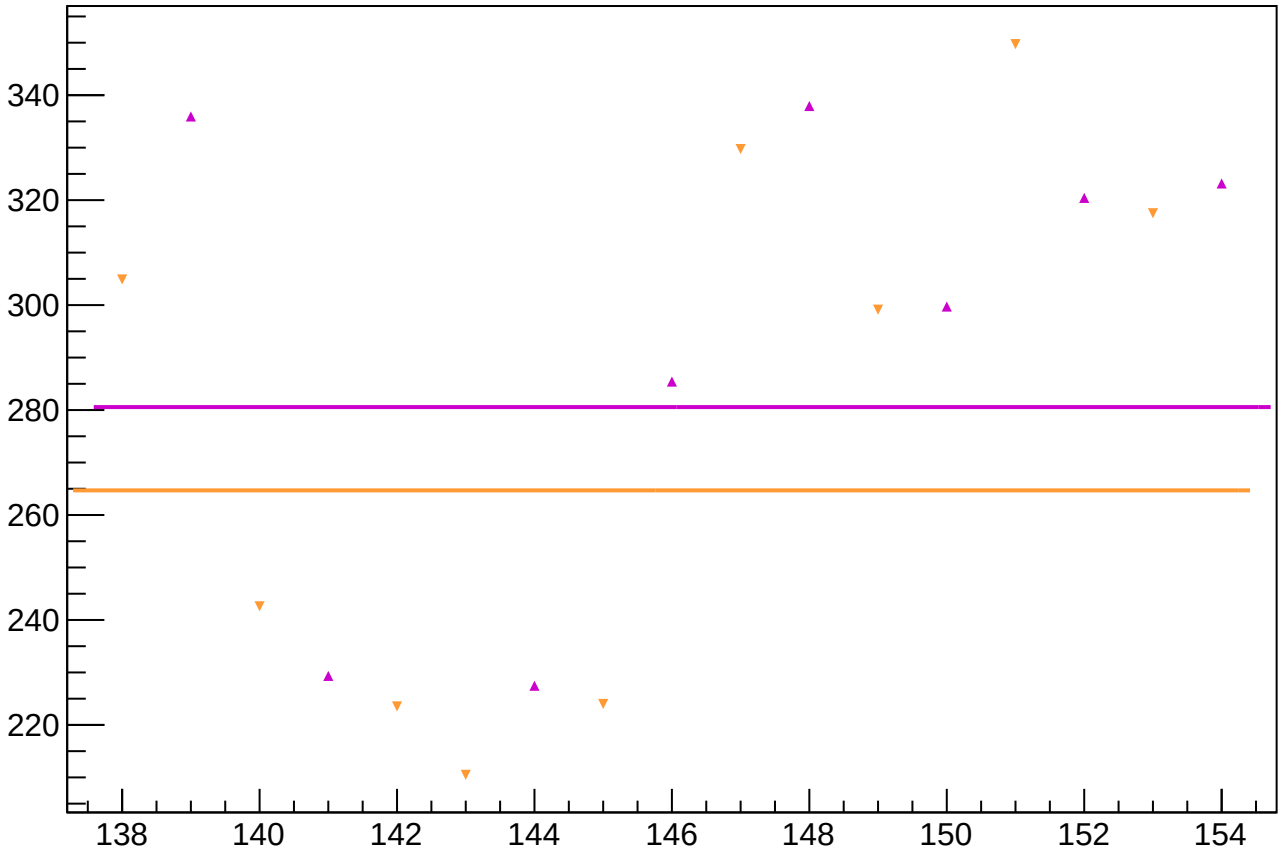
Left In: -29.353+/-110.295 χ^2/NDF:9.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -195.712+/-76.235 χ^2/NDF: 29.6/16

- 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: 264.694+/-0.075 χ^2/NDF:423170.5/8

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

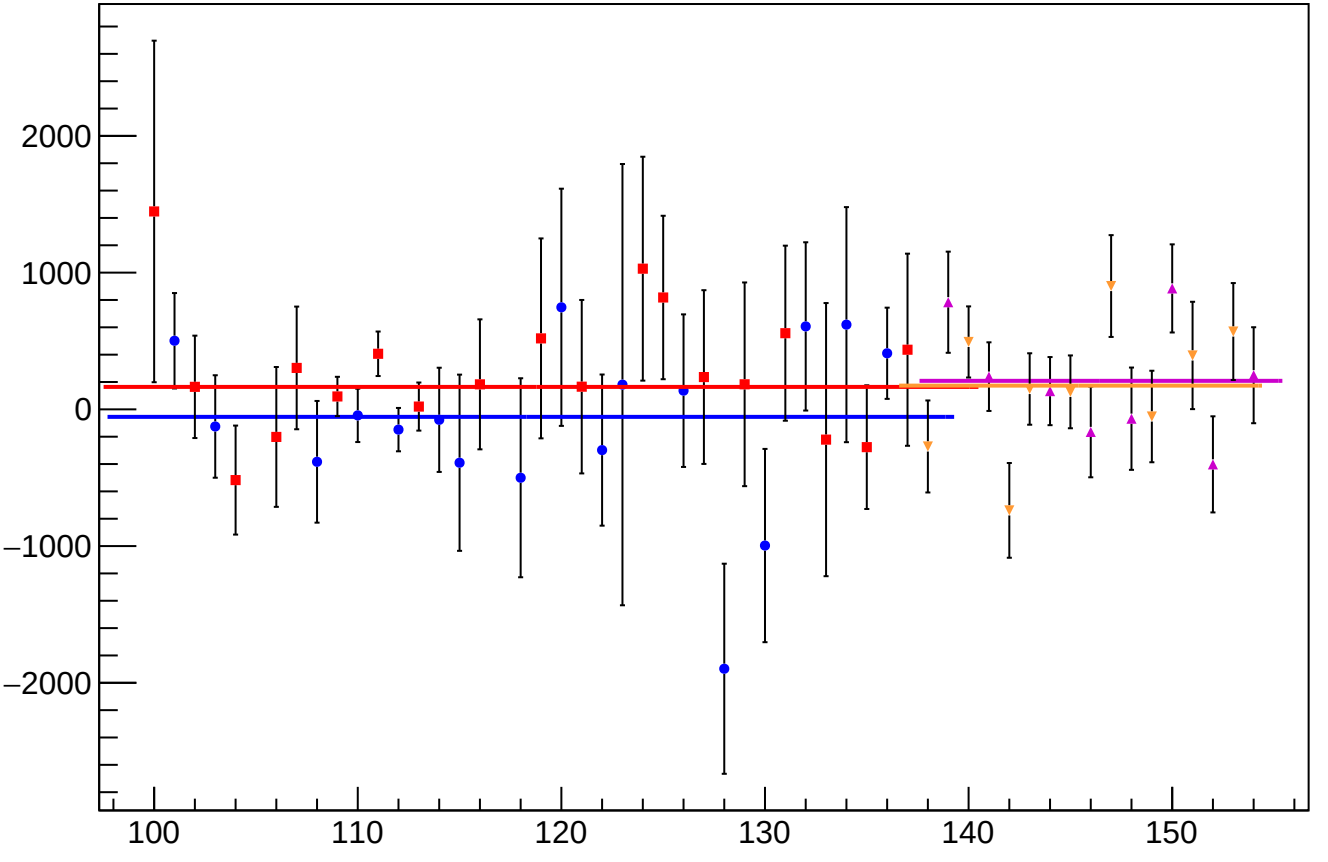
Left In: 280.566+/-0.078 χ^2/NDF:328810.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 272.276+/-0.054 χ^2/NDF: 773611.3/16

- 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: 173.567+/-104.671 χ^2/NDF:16.1/8

Right Out: 164.141+/-76.903 χ^2/NDF: 11.9/18

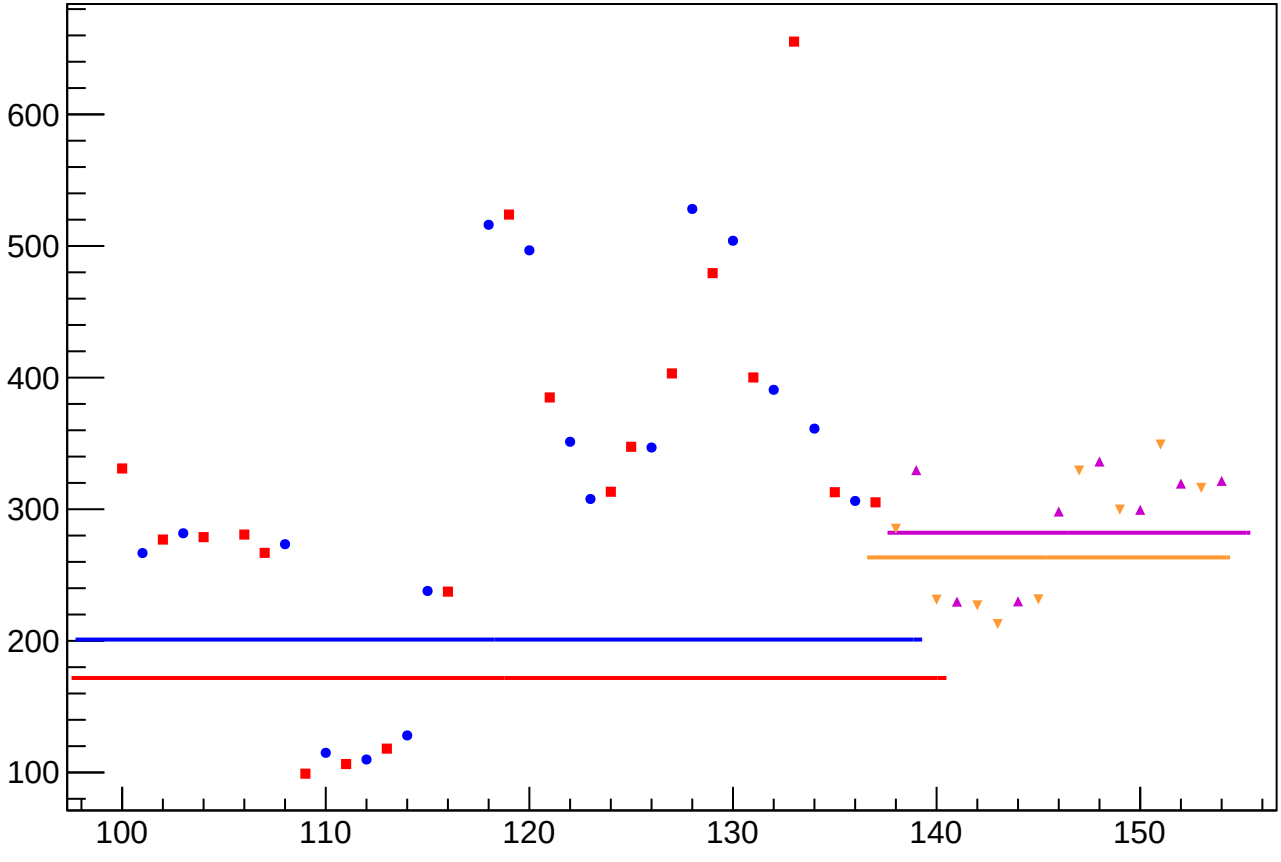
Left In: 208.592+/-110.862 χ^2/NDF:11.8/7

+ sign 42.634+/-68.397 χ^2/NDF: 35.4/25

All: 115.980+/-46.413 χ^2/NDF: 61.3/52

- sign 178.582+/-63.188 χ^2/NDF: 23.8/26

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 263.391+/-0.074 χ^2/NDF:391032.1/8

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

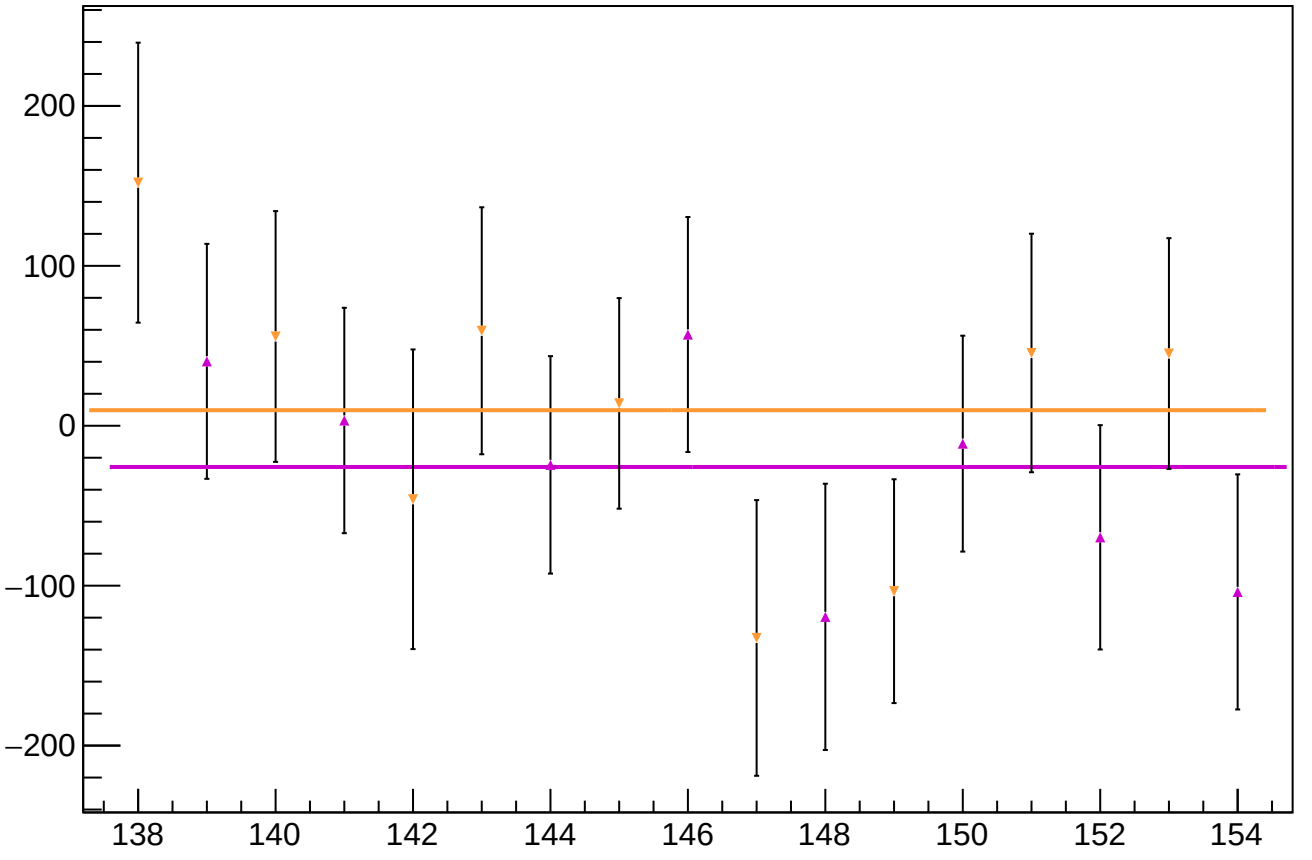
Left In: 282.140+/-0.078 χ^2/NDF:307750.2/7

+ sign 227.623+/-0.048 χ^2/NDF: 4234748.0/25

All: 216.843+/-0.033 χ^2/NDF: 10064938.1/52

- sign 207.642+/-0.045 χ^2/NDF: 5738096.0/26

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 9.725+/-25.683 χ^2/NDF:9.6/8

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

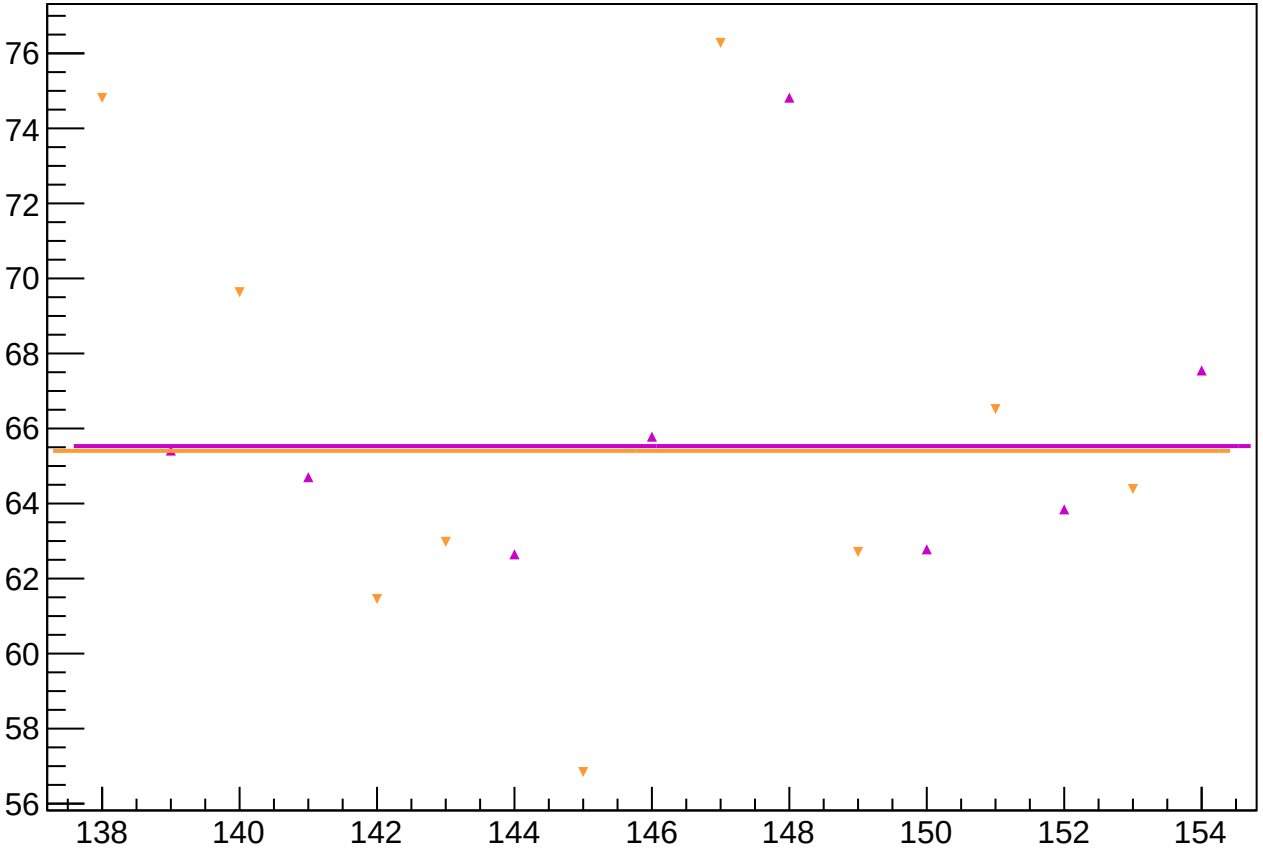
Left In: -25.780+/-25.482 χ^2/NDF:5.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -8.167+/-18.089 χ^2/NDF: 15.6/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 65.404+/-0.018 χ^2/NDF:103886.2/8

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

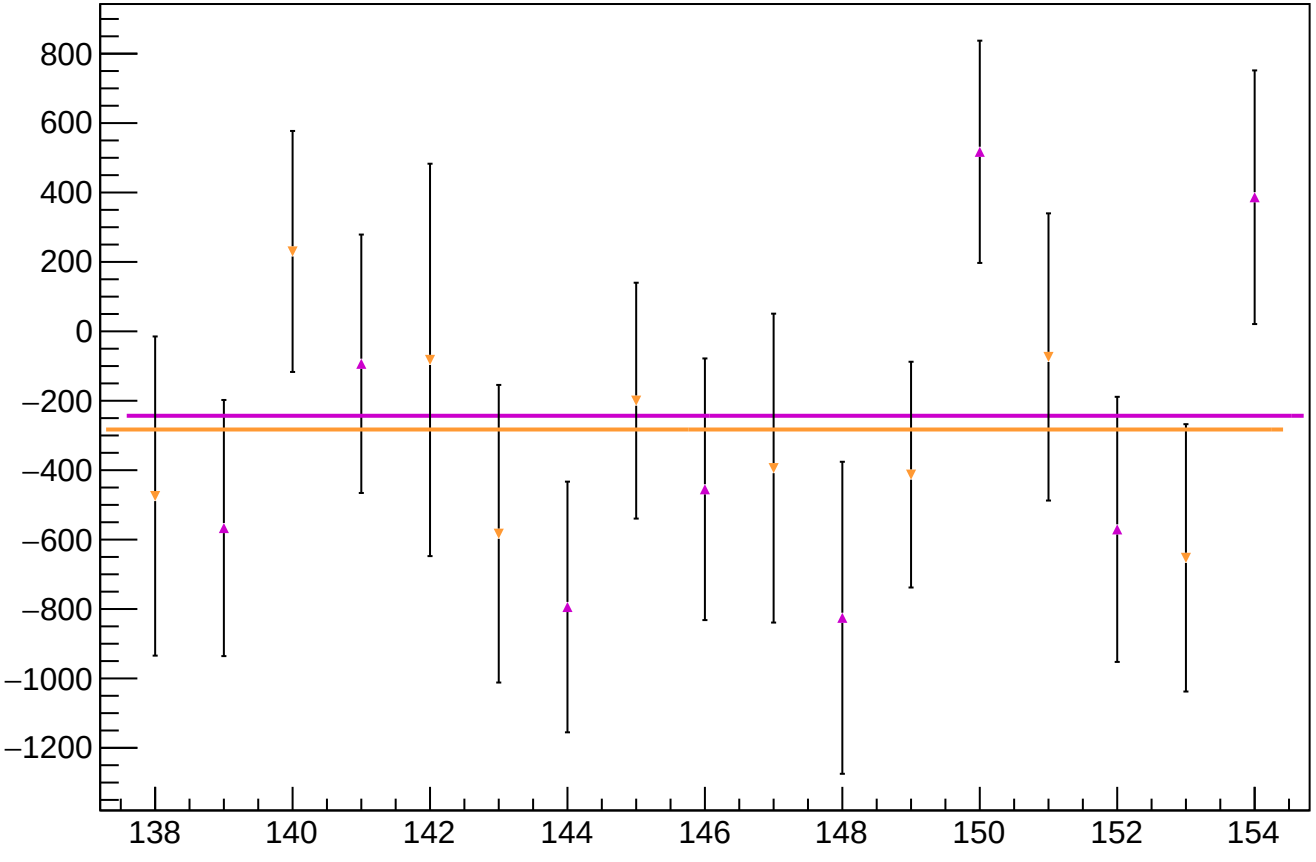
Left In: 65.532+/-0.018 χ^2/NDF:34785.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 65.469+/-0.013 χ^2/NDF: 138696.5/16

- 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: -282.812+/-132.050 χ^2/NDF:4.4/8

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

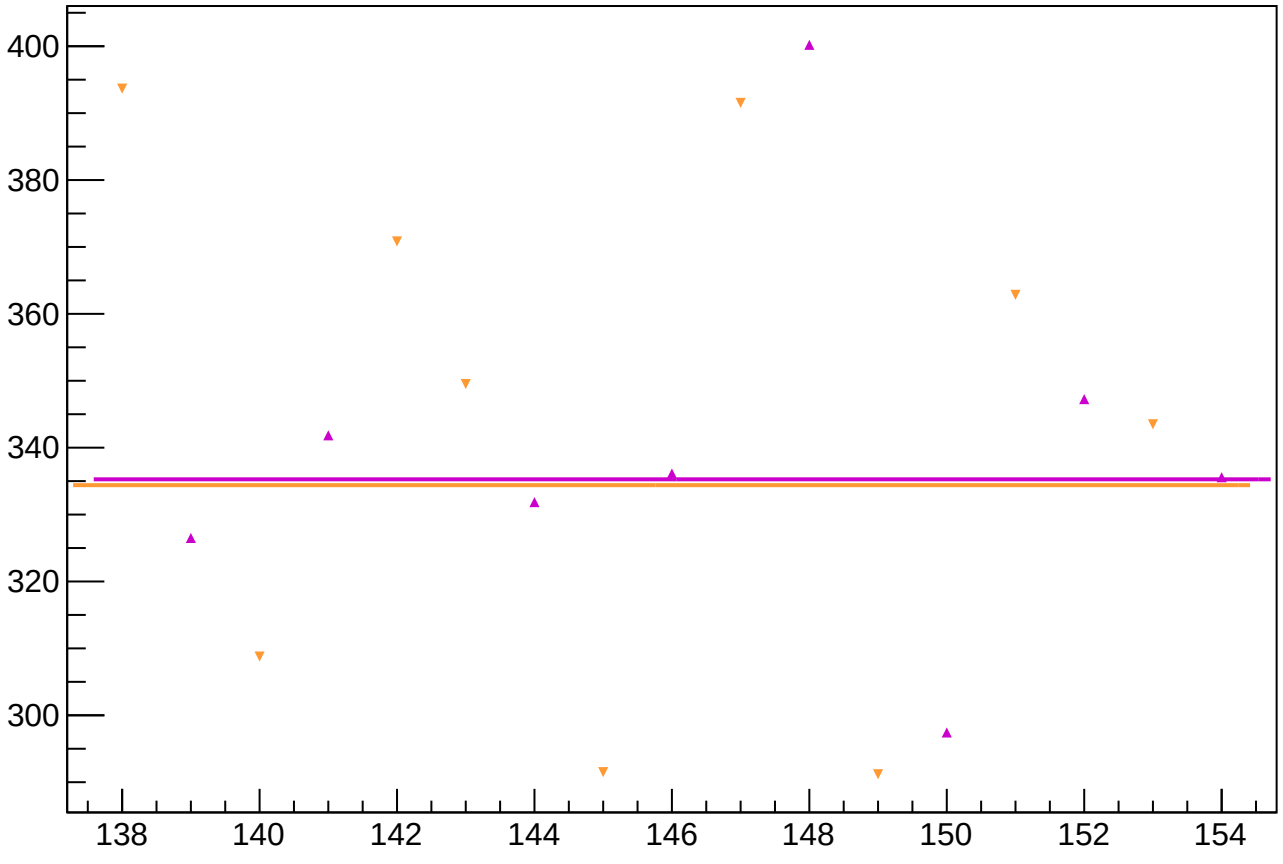
Left In: -243.241+/-130.948 χ^2/NDF:14.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -262.861+/-92.981 χ^2/NDF: 19.1/16

- 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: 334.397+/-0.093 χ^2/NDF:165637.3/8

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

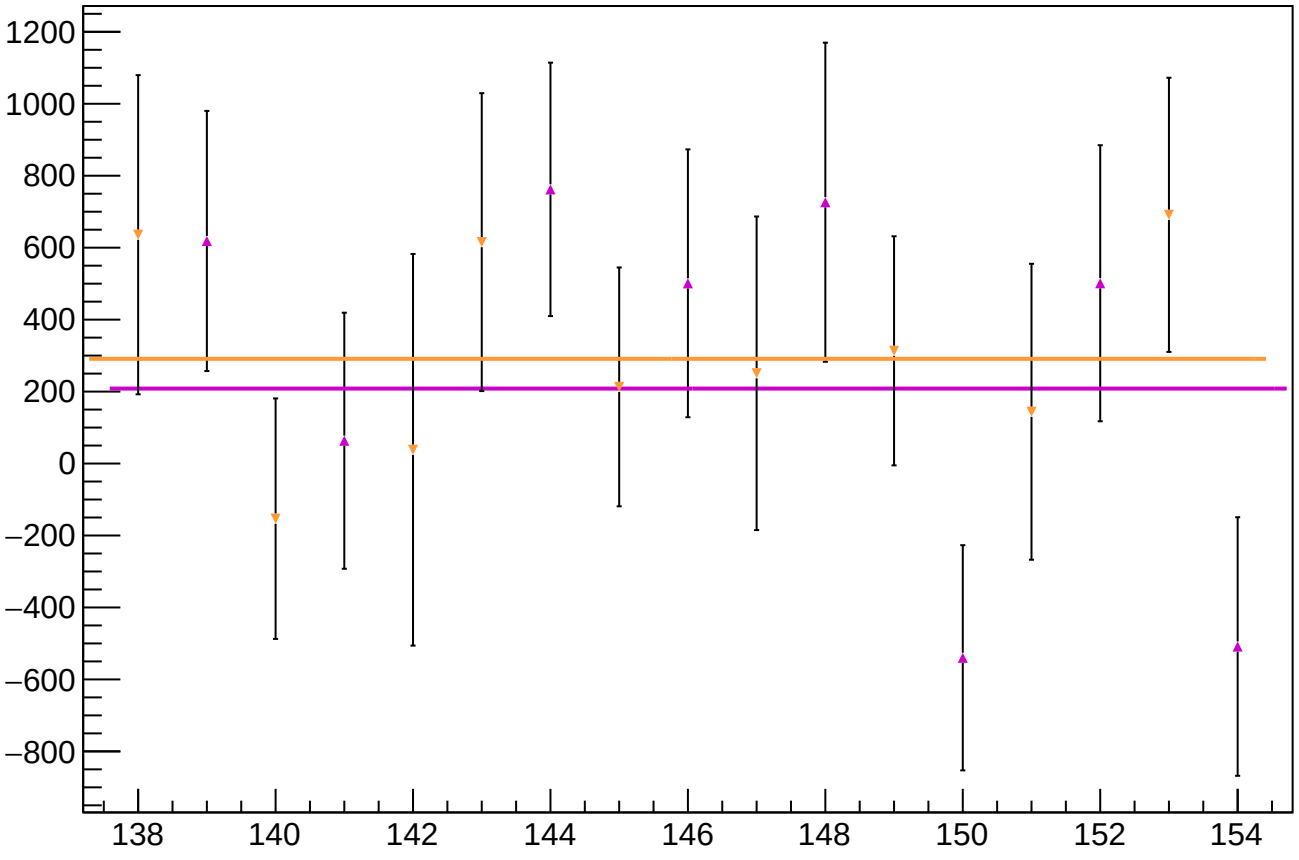
Left In: 335.270+/-0.093 χ^2/NDF:73593.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 334.837+/-0.066 χ^2/NDF: 239274.6/16

- 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: 291.098+/-128.830 χ^2/NDF:4.5/8

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

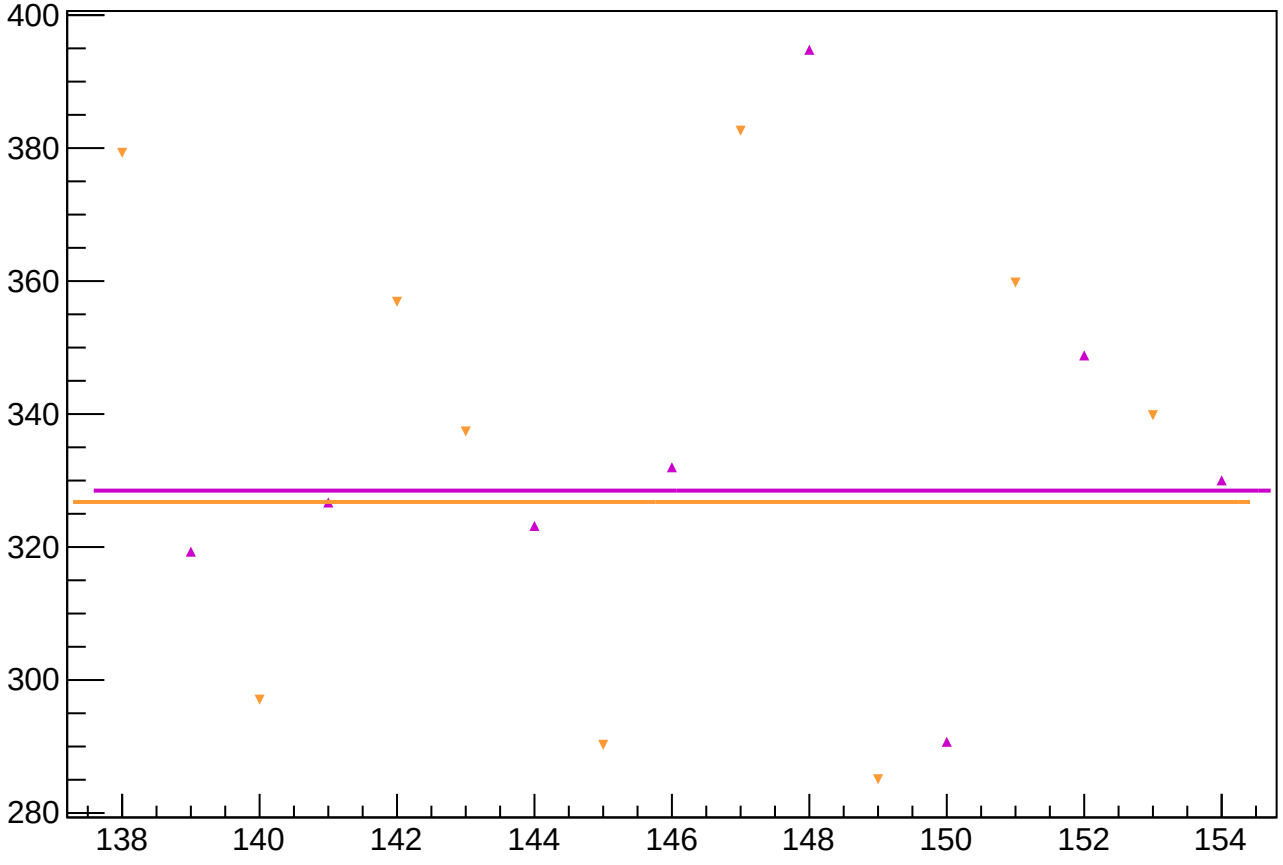
Left In: 208.387+/-128.402 χ^2/NDF:16.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 249.605+/-90.945 χ^2/NDF: 20.9/16

- 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: 326.781+/-0.091 χ^2/NDF:157869.1/8

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

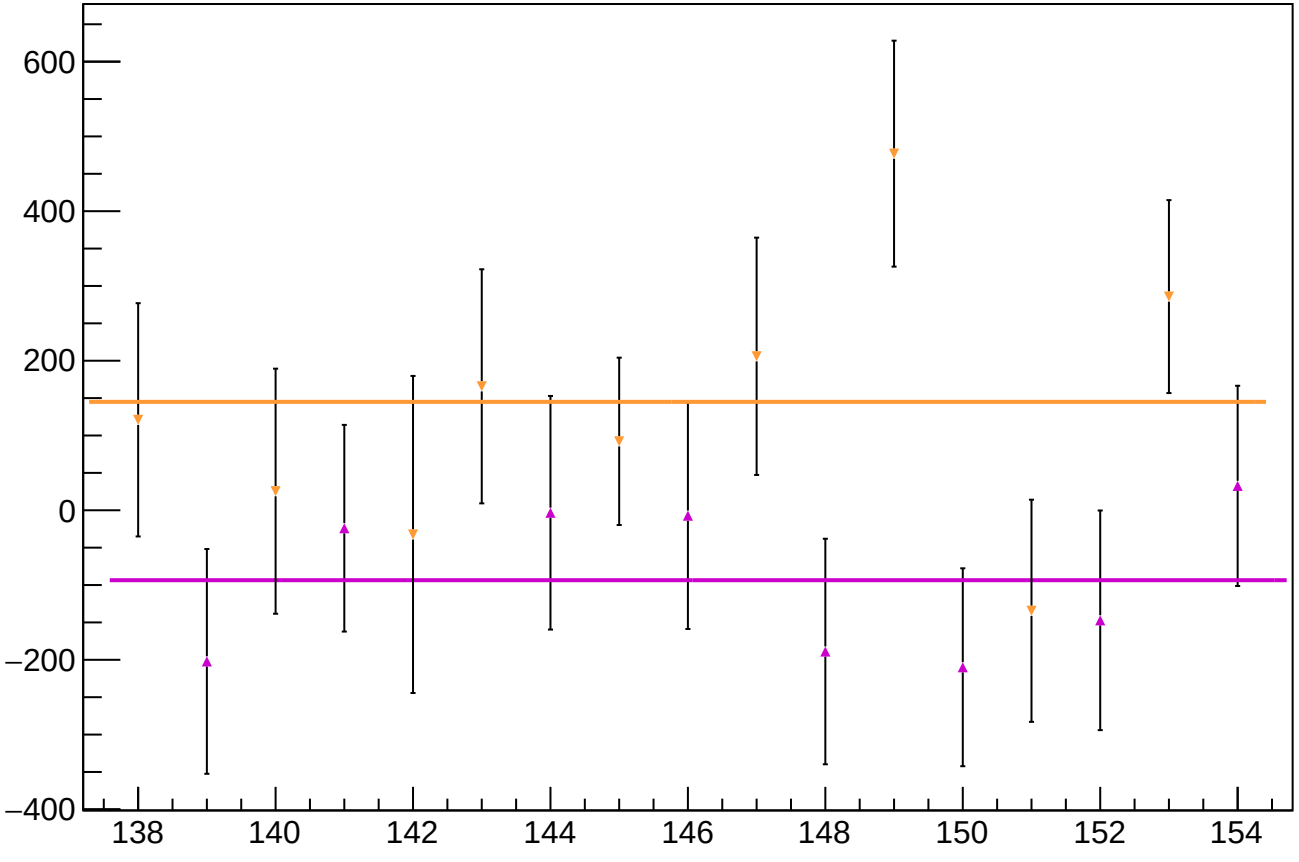
Left In: 328.486+/-0.091 χ^2/NDF:81462.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 327.636+/-0.064 χ^2/NDF: 239507.1/16

- 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: 144.999+/-49.378 χ^2/NDF:11.2/8

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

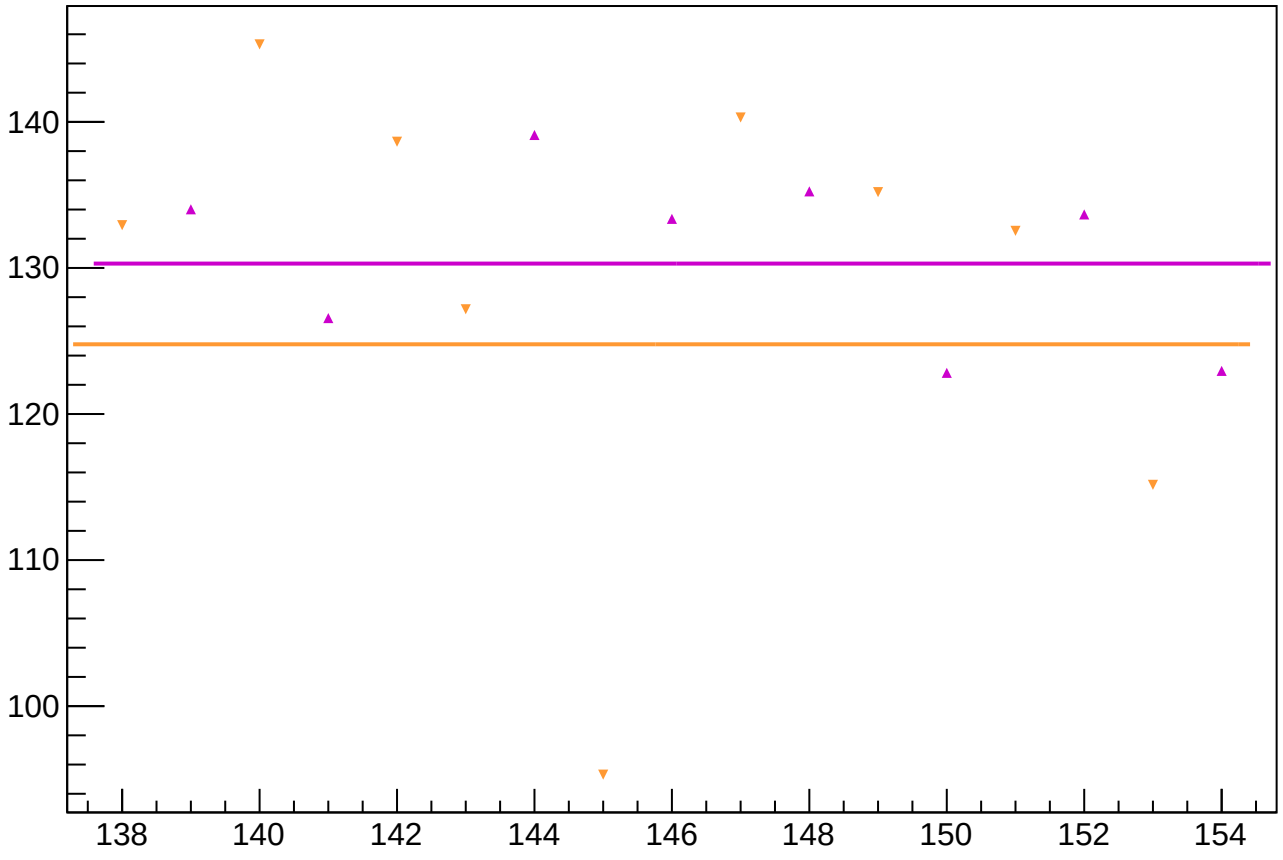
Left In: -93.540+/-51.011 χ^2/NDF:3.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 29.607+/-35.479 χ^2/NDF: 26.1/16

- 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: 124.774+/-0.035 χ^2/NDF:229798.6/8

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

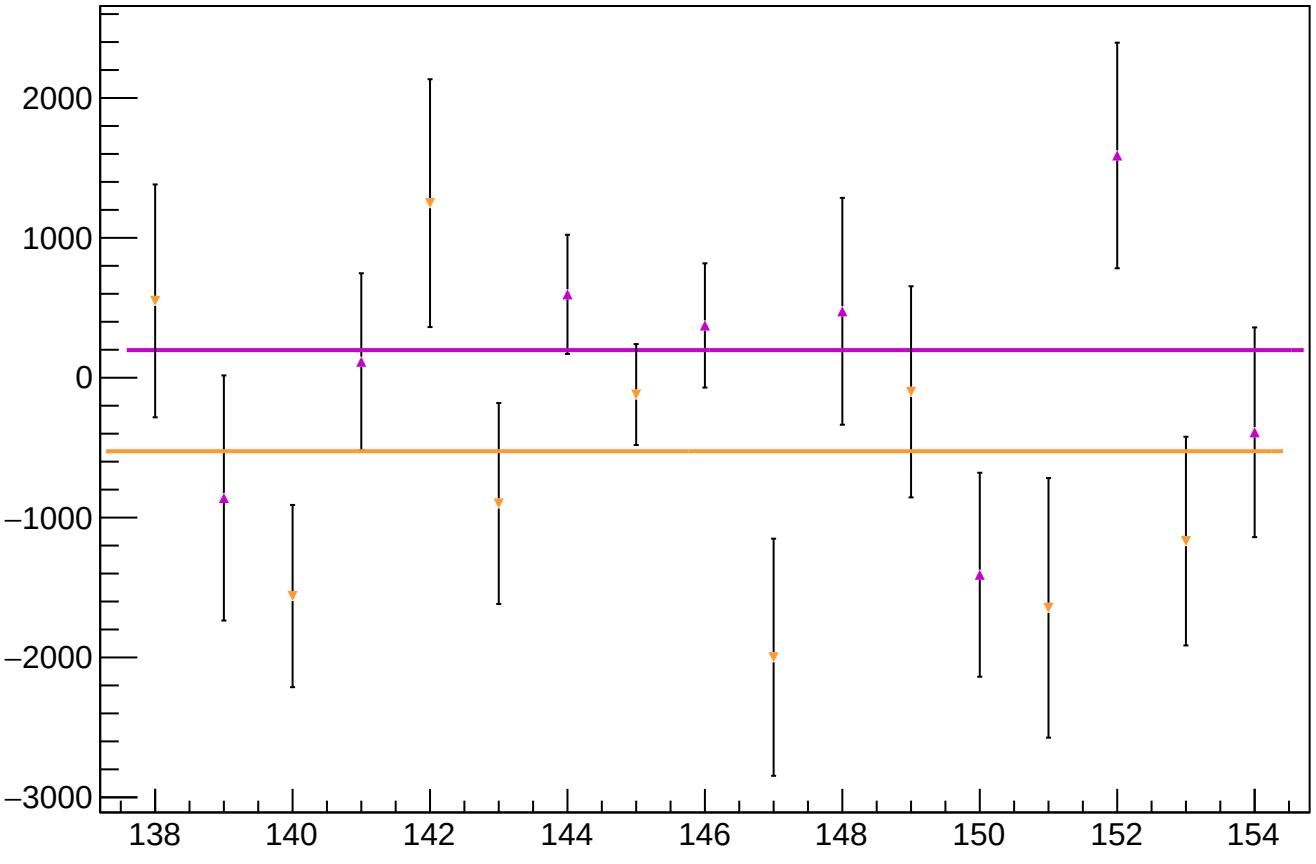
Left In: 130.300+/-0.036 χ^2/NDF:25460.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 127.447+/-0.025 χ^2/NDF: 267375.5/16

- 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: -525.380+/-219.274 χ^2/NDF:15.3/8

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

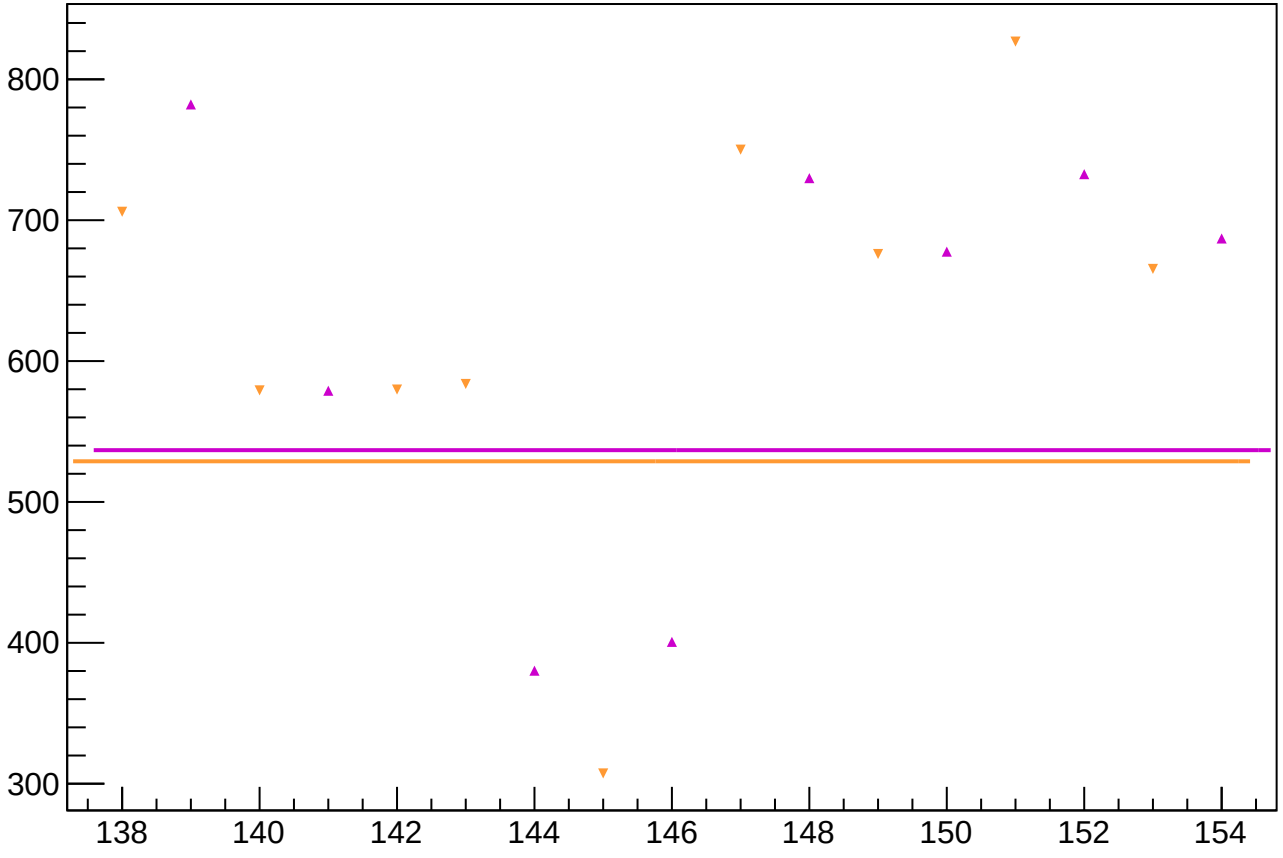
Left In: 197.608+/-217.708 χ^2/NDF:11.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -161.296+/-154.494 χ^2/NDF: 31.8/16

- 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: 528.861+/-0.155 χ^2/NDF:1360610.6/8

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

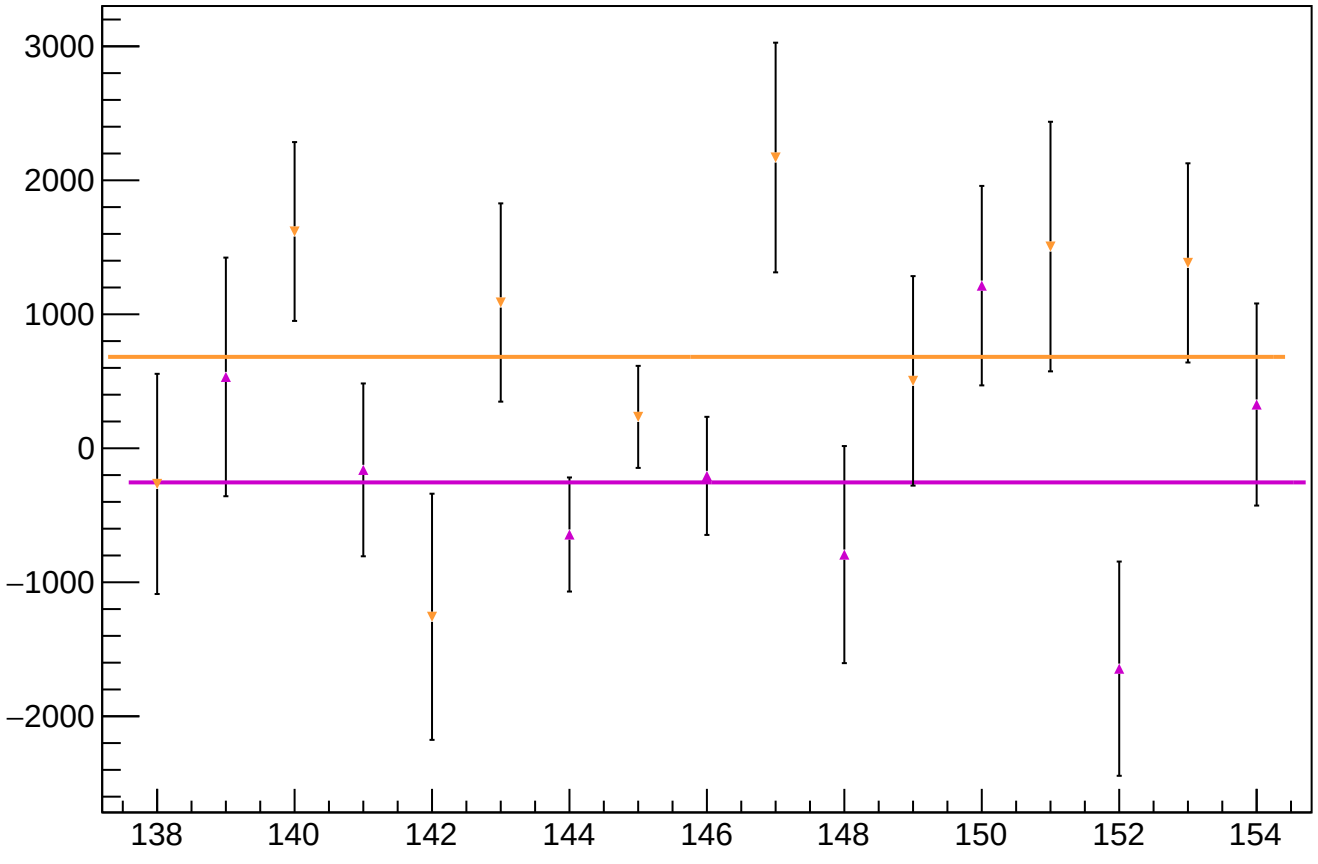
Left In: 536.765+/-0.154 χ^2/NDF:1009924.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 532.841+/-0.109 χ^2/NDF: 2371843.7/16

- 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: 682.300+/-225.910 χ^2/NDF:14.2/8

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

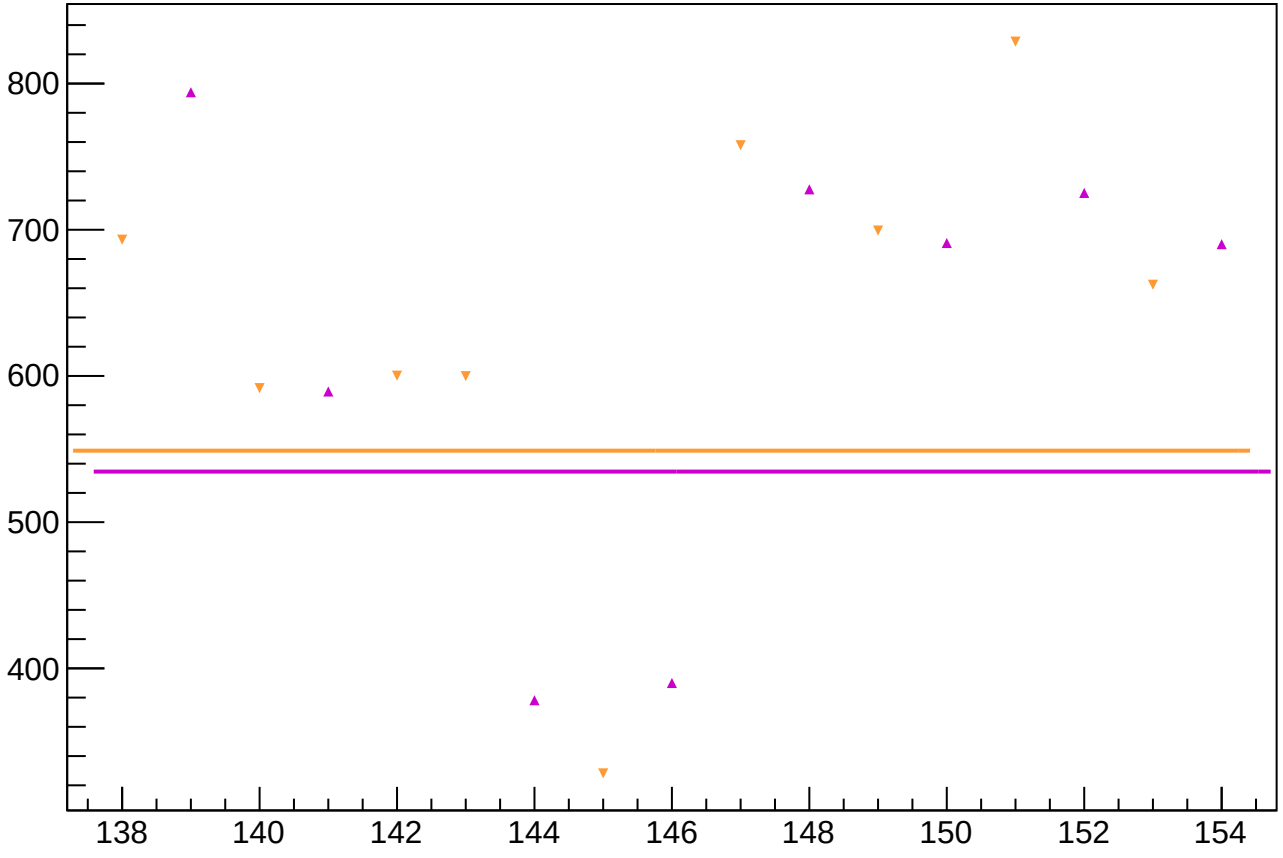
Left In: -254.624+/-218.310 χ^2/NDF:9.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 197.813+/-156.986 χ^2/NDF: 32.7/16

- 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: 548.903+/-0.160 χ^2/NDF:1177806.1/8

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

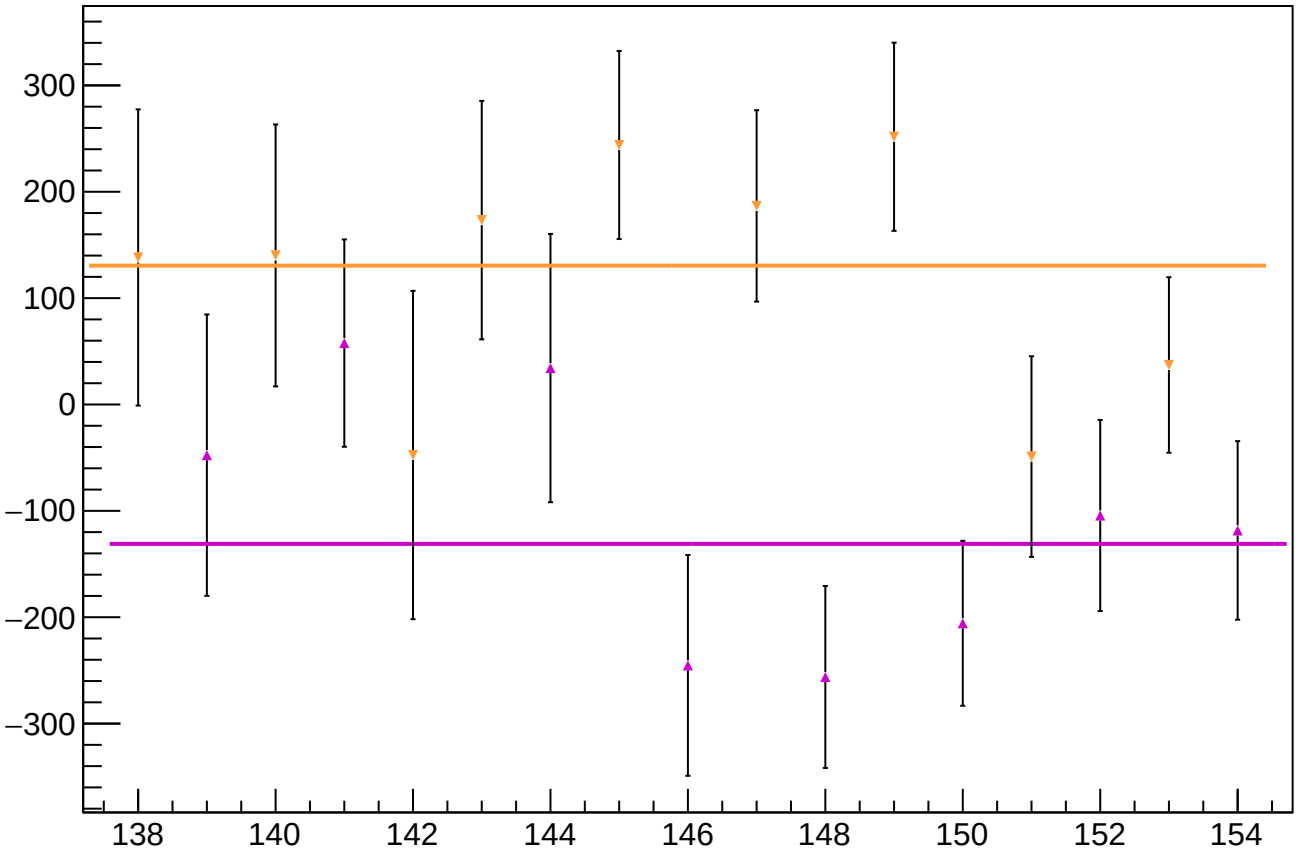
Left In: 534.582+/-0.154 χ^2/NDF:1070063.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 541.497+/-0.111 χ^2/NDF: 2252025.5/16

- 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: 130.547+/-33.753 χ^2/NDF:10.3/8

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

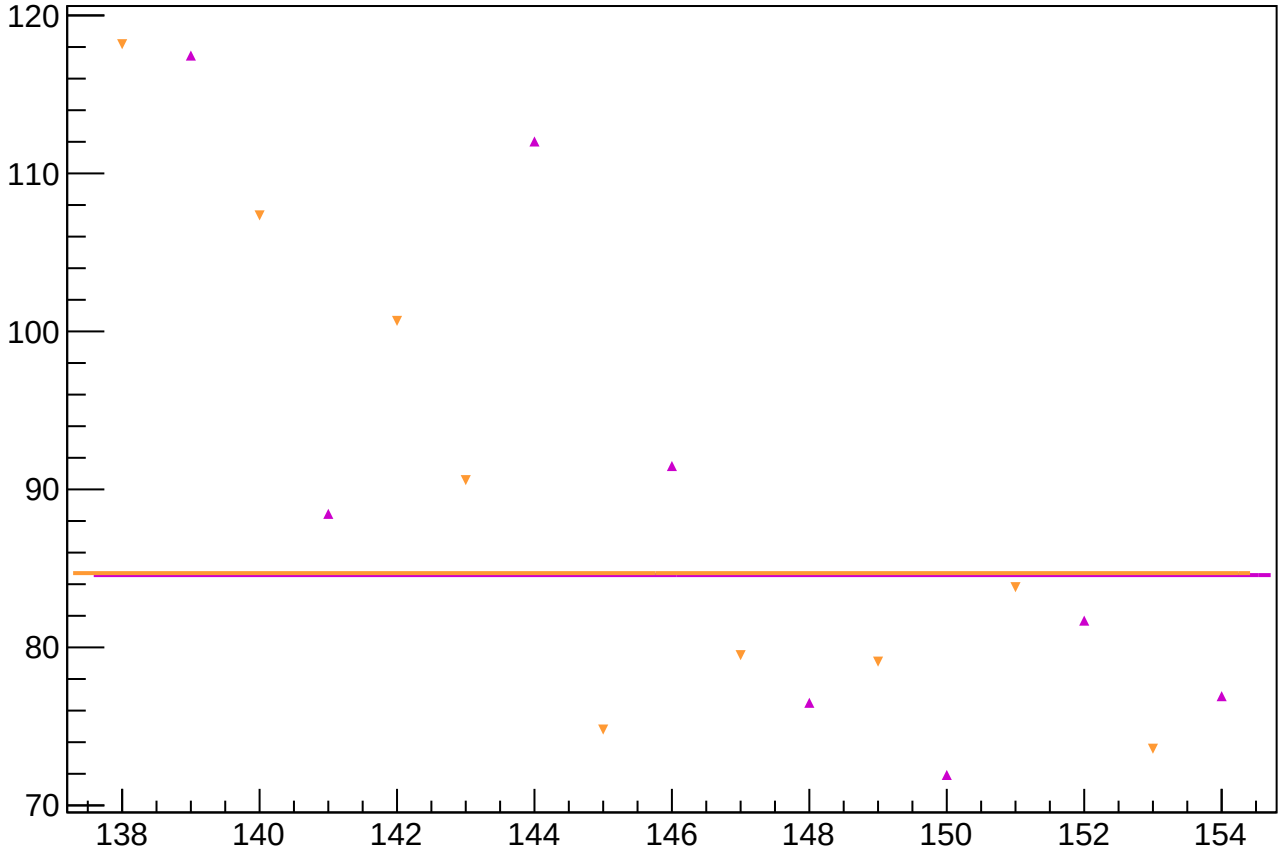
Left In: -131.058+/-33.576 χ^2/NDF:10.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.941+/-23.804 χ^2/NDF: 50.8/16

- 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: 84.701+/-0.024 χ^2/NDF:286370.5/8

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

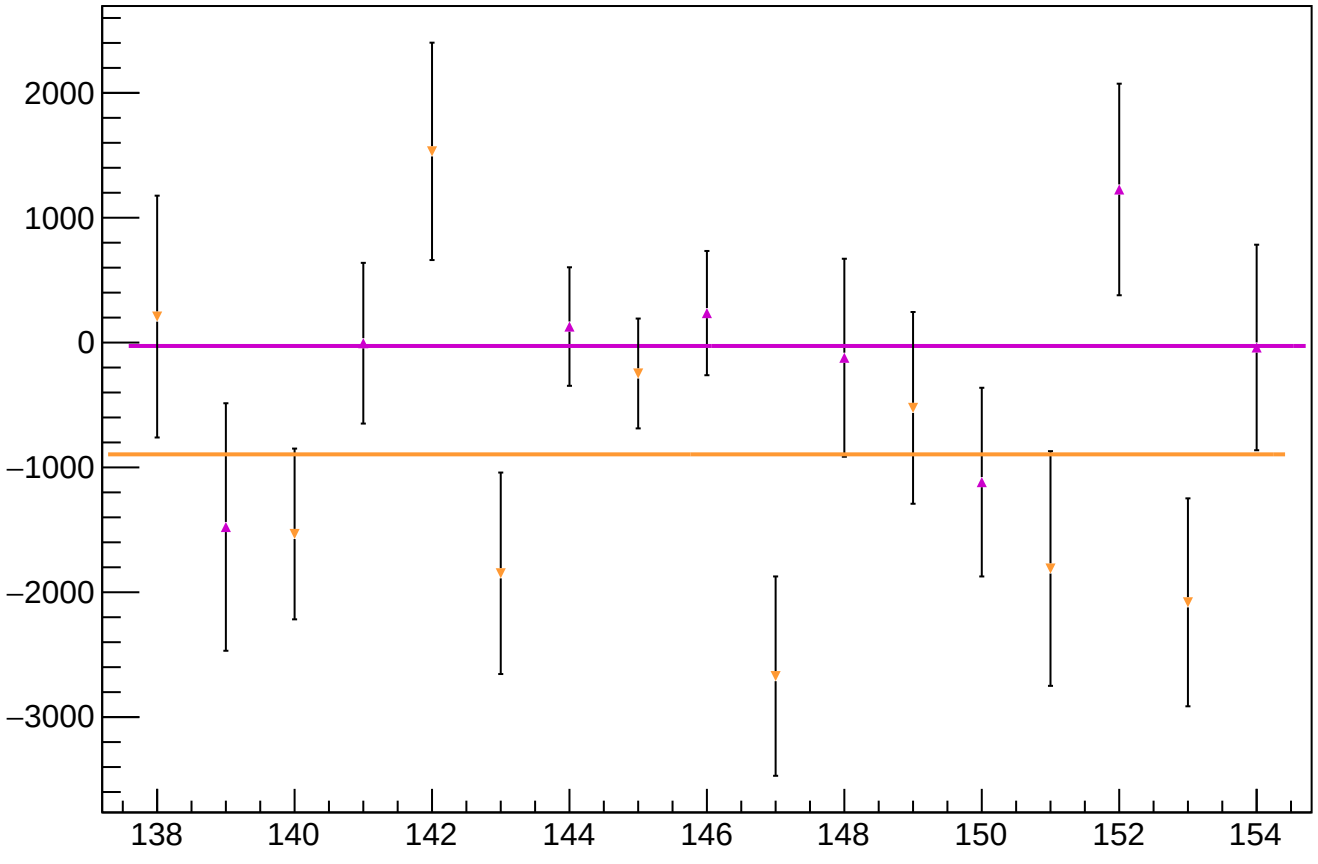
Left In: 84.576+/-0.024 χ^2/NDF:320124.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 84.639+/-0.017 χ^2/NDF: 606508.8/16

- 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: -895.371+/-242.082 χ^2/NDF:21.7/8

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

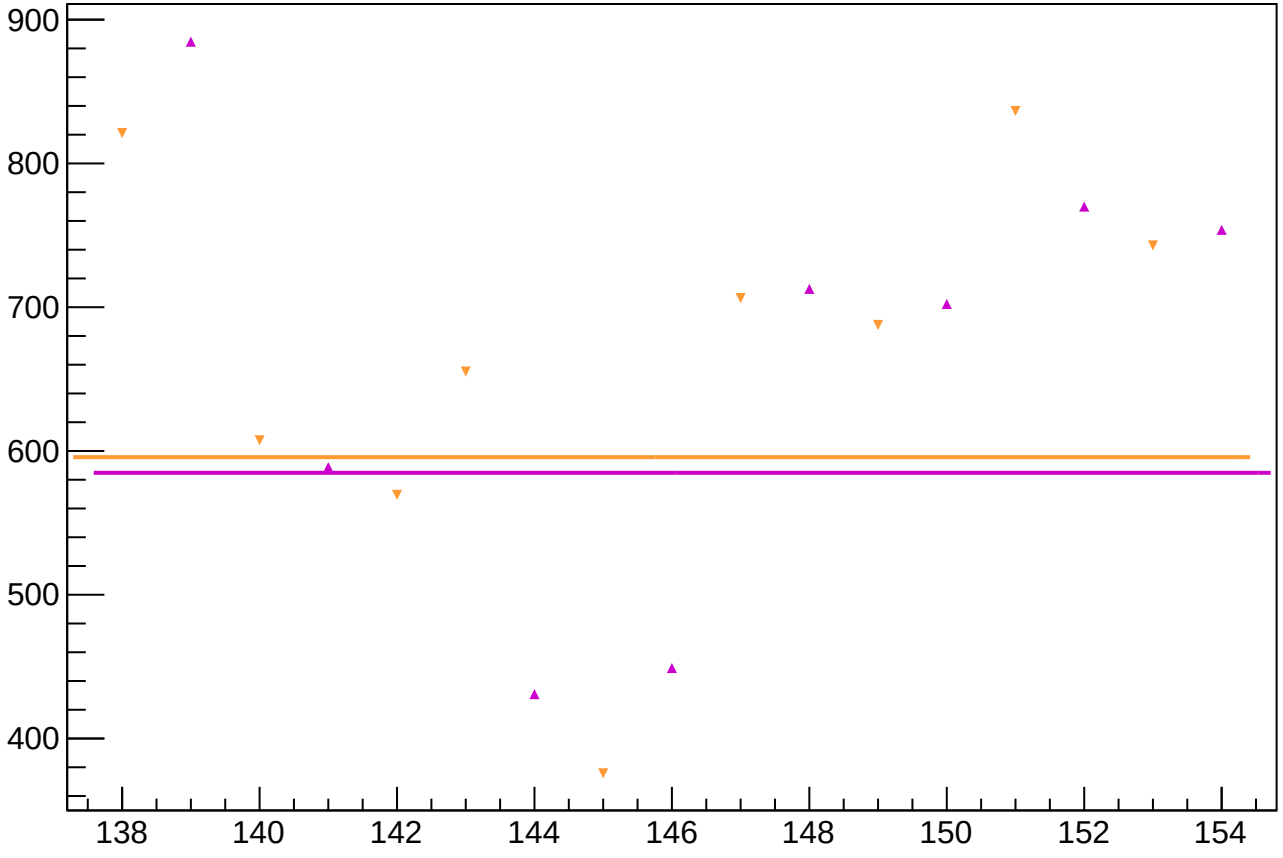
Left In: -27.248+/-234.937 χ^2/NDF:6.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -448.310+/-168.595 χ^2/NDF: 35.1/16

- 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: 595.710+/-0.171 χ^2/NDF:882301.4/8

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

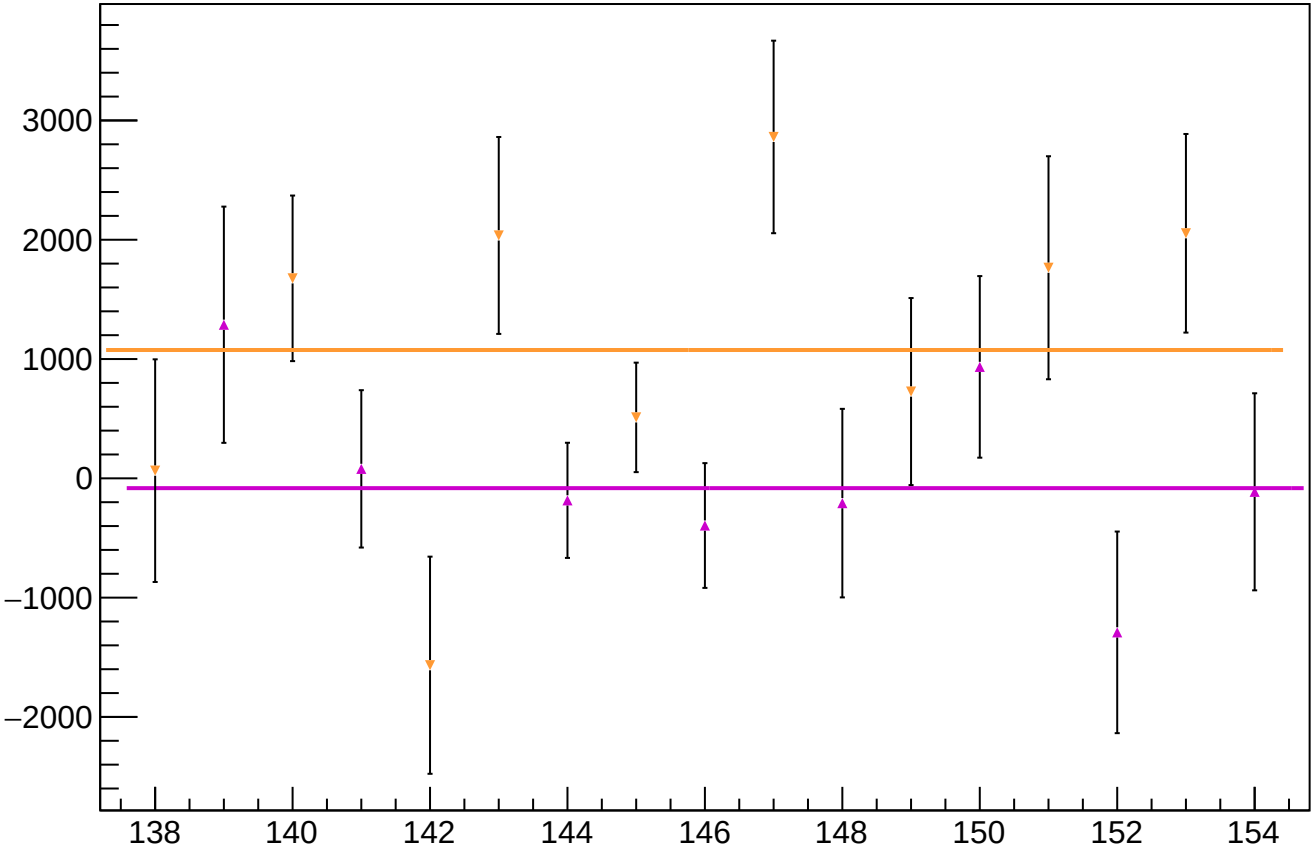
Left In: 584.821+/-0.166 χ^2/NDF:822484.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 590.102+/-0.119 χ^2/NDF: 1706869.4/16

- 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: 1075.747+/-246.933 χ^2/NDF:20.2/8

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

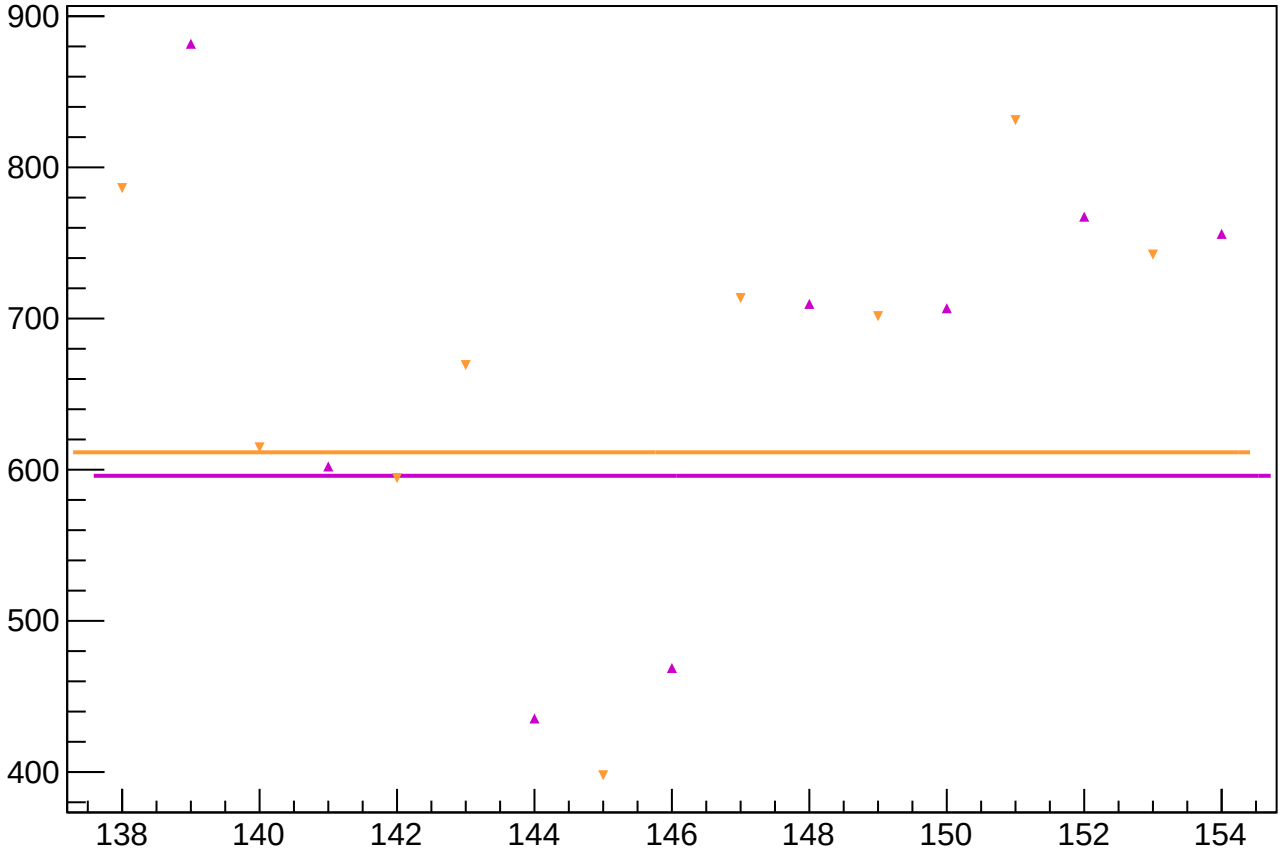
Left In: -82.211+/-239.300 χ^2/NDF:6.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 478.595+/-171.846 χ^2/NDF: 37.8/16

- 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: 611.515+/-0.175 χ^2/NDF:732578.5/8

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

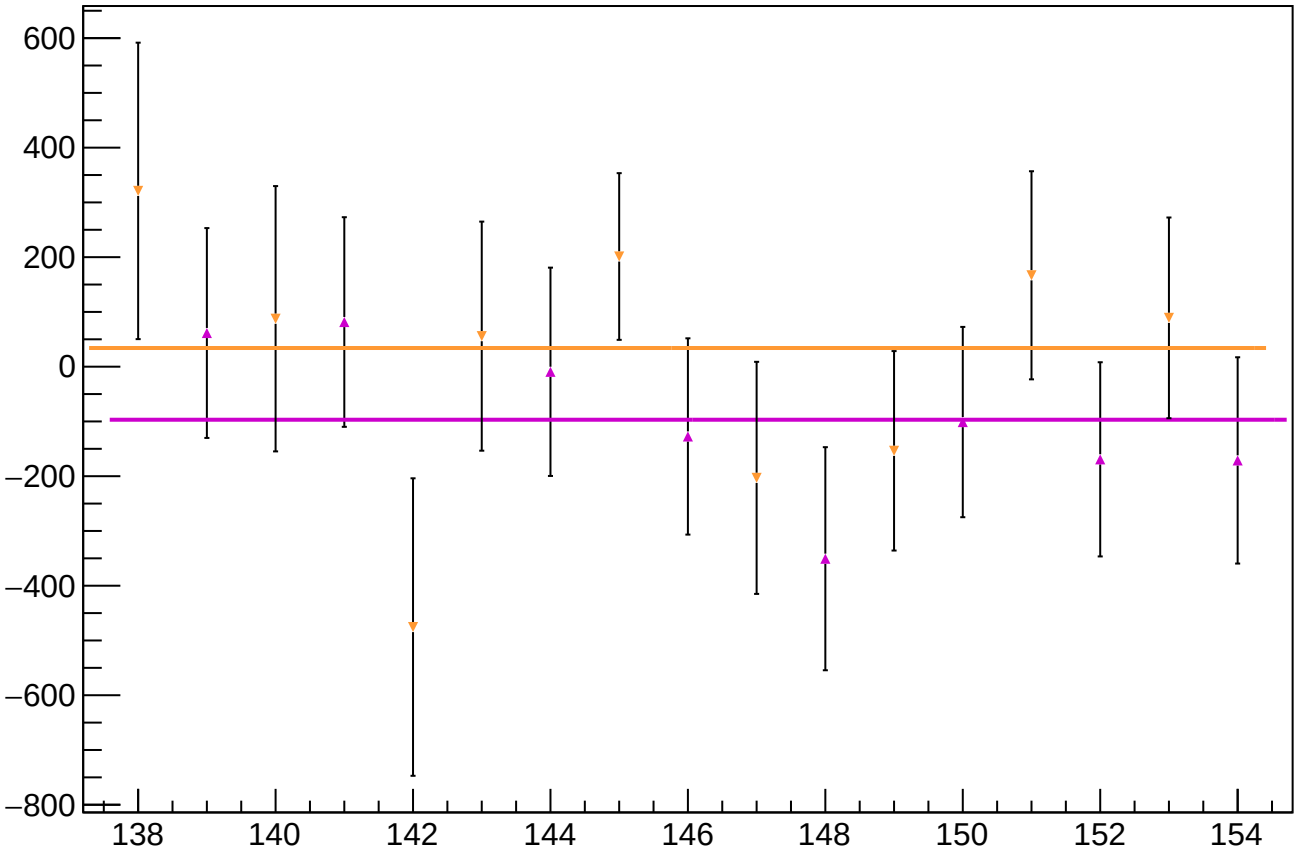
Left In: 595.975+/-0.169 χ^2/NDF:747609.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 603.501+/-0.122 χ^2/NDF: 1484272.6/16

- 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: 34.113+/-67.400 χ^2/NDF:8.8/8

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

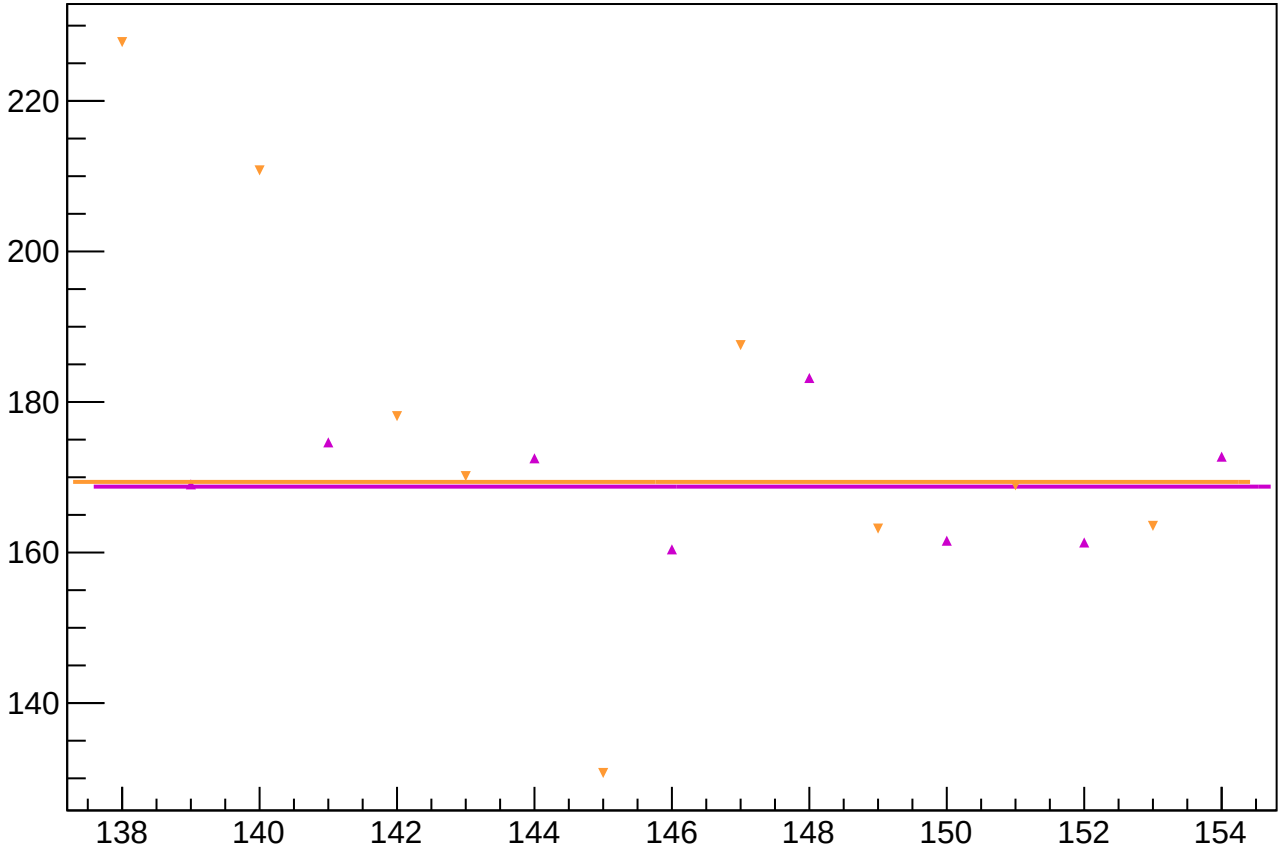
Left In: -96.883+/-65.867 χ^2/NDF:3.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -32.892+/-47.108 χ^2/NDF: 14.4/16

- 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: 169.384+/-0.048 χ^2/NDF:301810.0/8

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

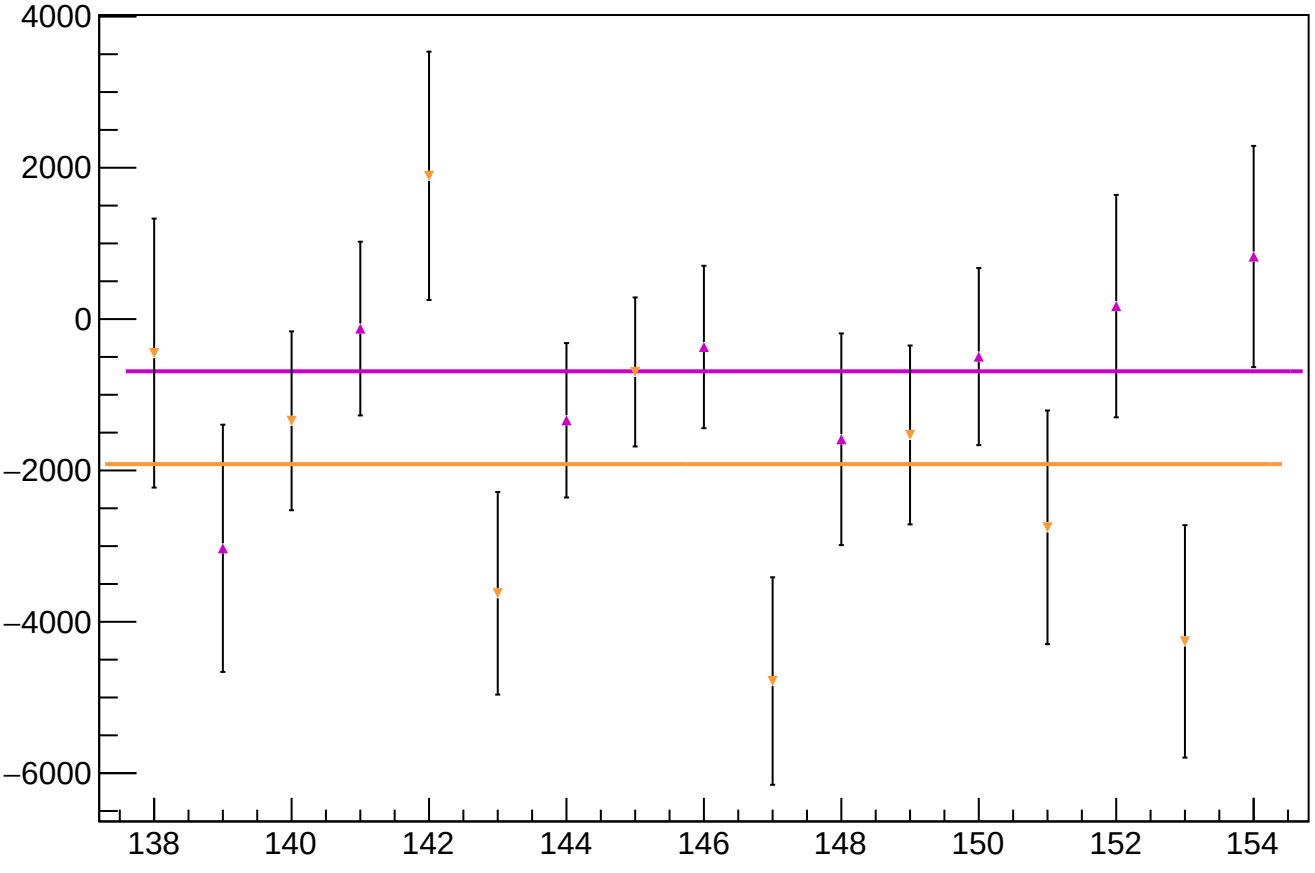
Left In: 168.755+/-0.047 χ^2/NDF:24856.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 169.062+/-0.033 χ^2/NDF: 326755.2/16

- 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: -1916.272+/-443.452 χ^2/NDF:16.6/8

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

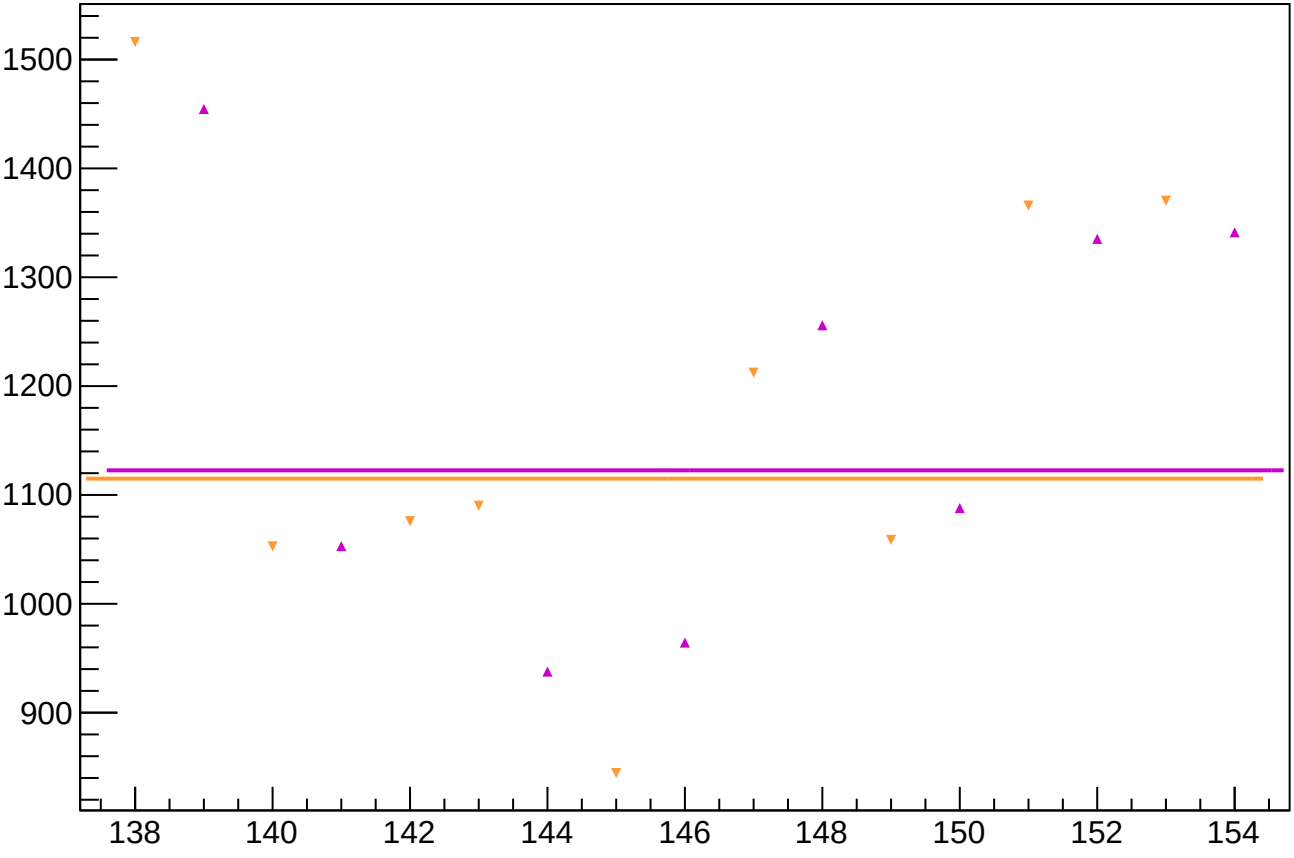
Left In: -689.817+/-441.276 χ^2/NDF:4.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1300.028+/-312.796 χ^2/NDF: 25.0/16

- 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: 1114.983+/-0.314 χ^2/NDF:382818.6/8

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

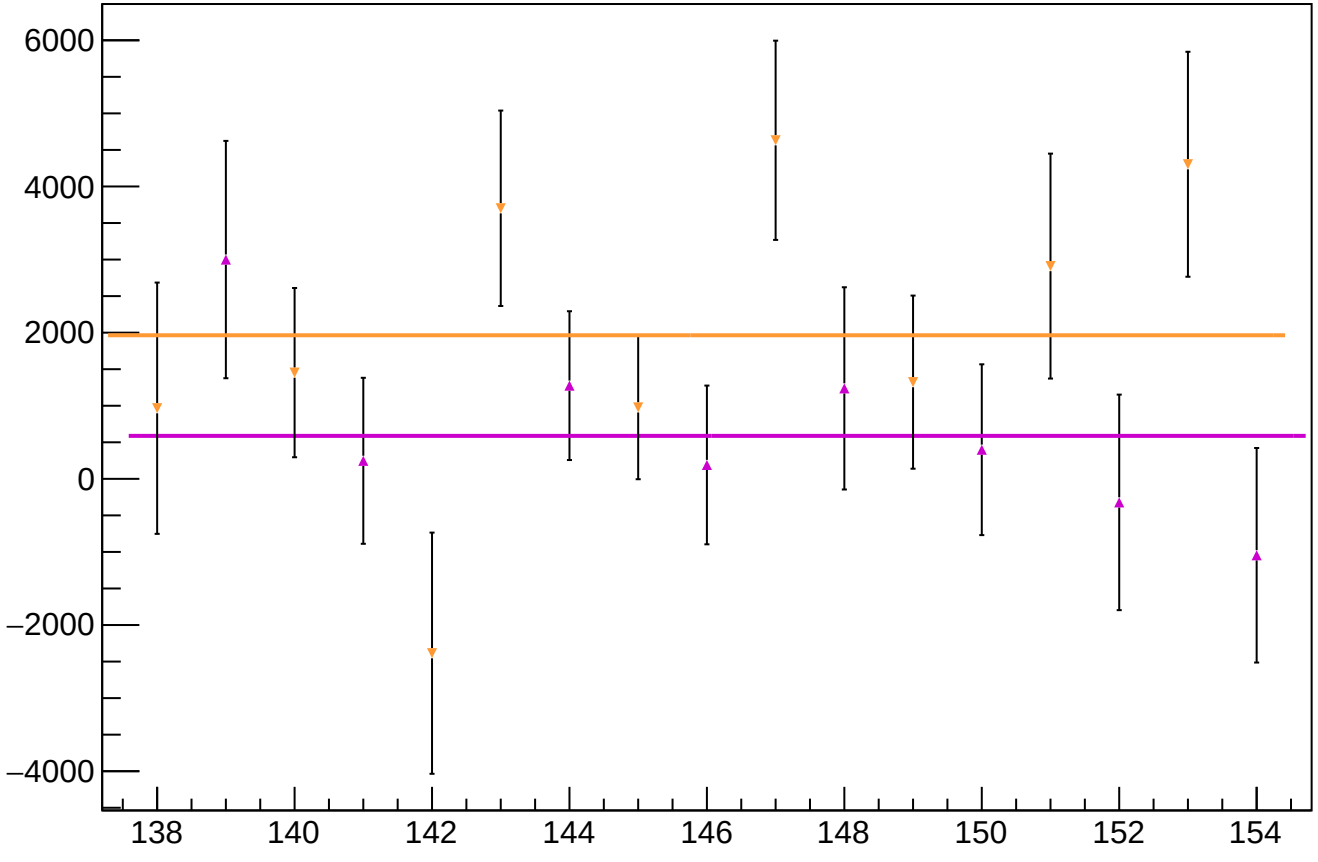
Left In: 1122.639+/-0.312 χ^2/NDF:305648.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1118.830+/-0.221 χ^2/NDF: 688767.0/16

- 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: 1964.269+/-440.985 χ^2/NDF:17.0/8

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

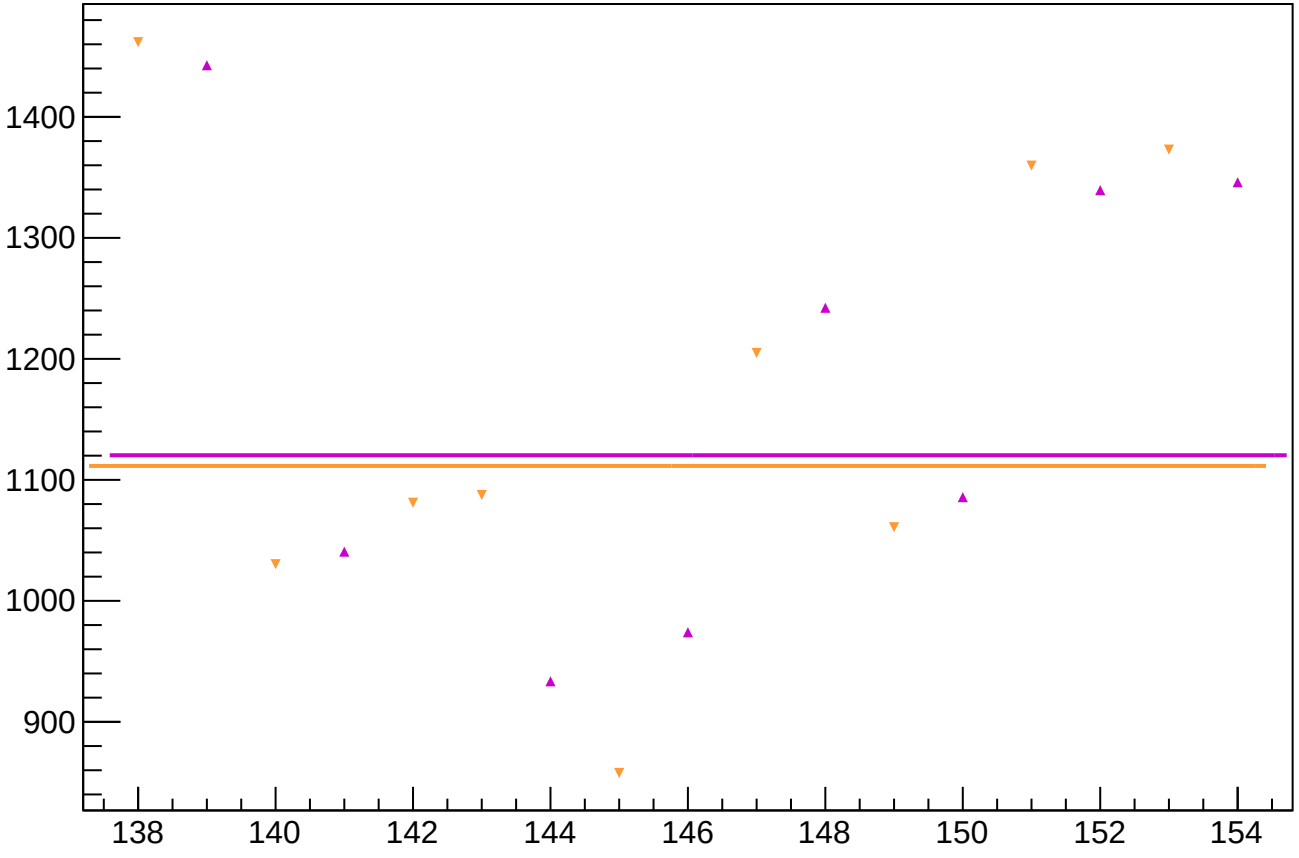
Left In: 587.964+/-440.753 χ^2/NDF:4.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1275.755+/-311.741 χ^2/NDF: 26.6/16

- 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: 1111.510+/-0.312 χ^2/NDF:350341.6/8

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

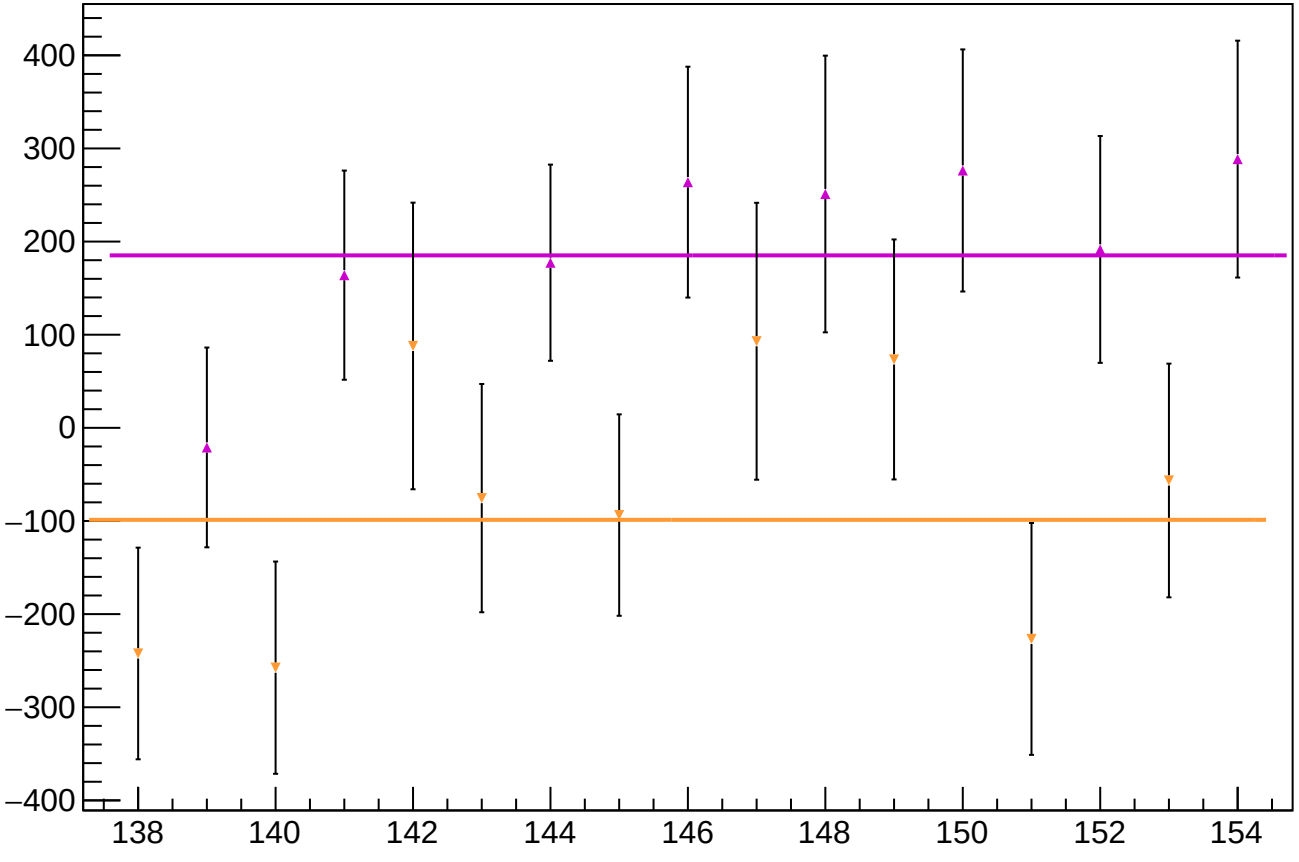
Left In: 1120.357+/-0.312 χ^2/NDF:301106.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1115.936+/-0.220 χ^2/NDF: 651850.6/16

- 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: -98.736+/-41.439 χ^2/NDF:9.7/8

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

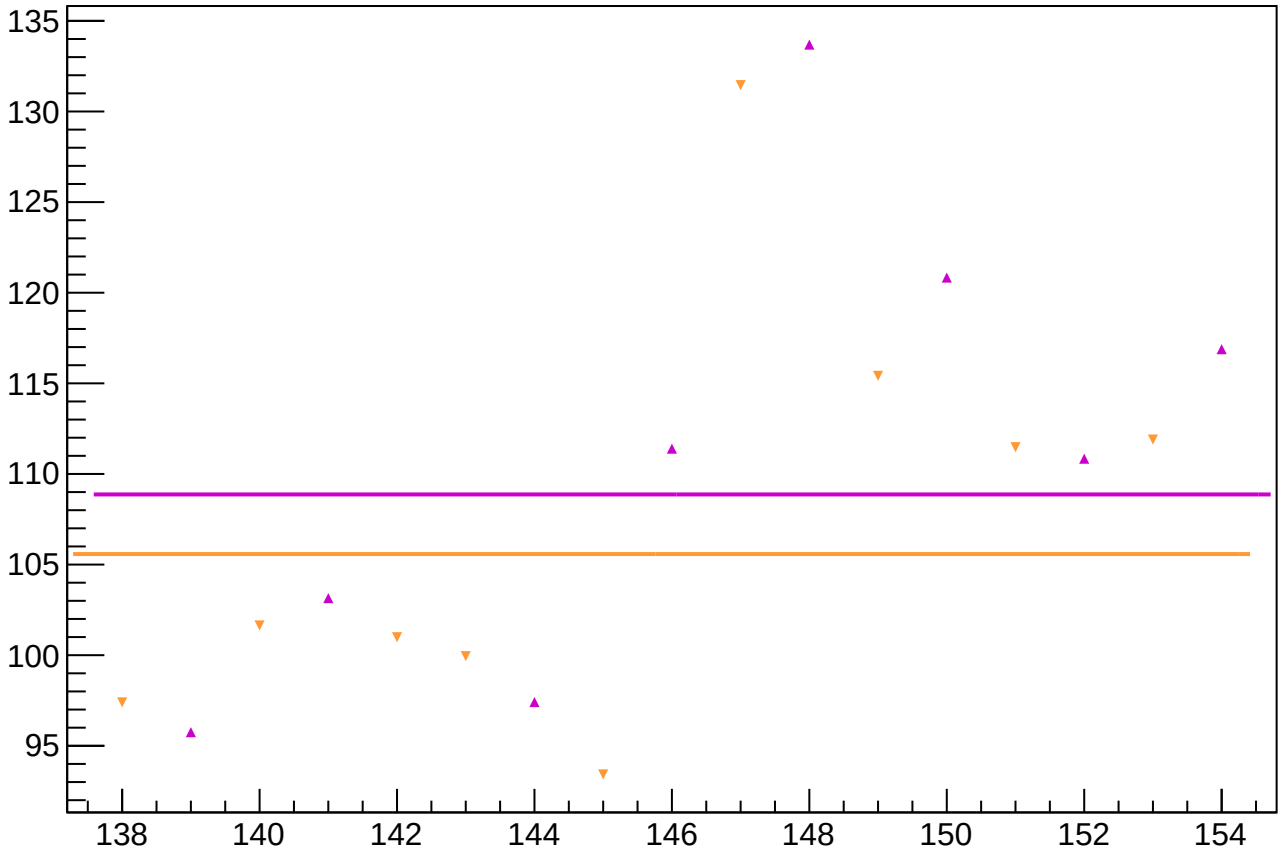
Left In: 185.188+/-42.438 χ^2/NDF:5.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 39.845+/-29.649 χ^2/NDF: 38.1/16

- 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: 105.579+/-0.029 χ^2/NDF:125840.4/8

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

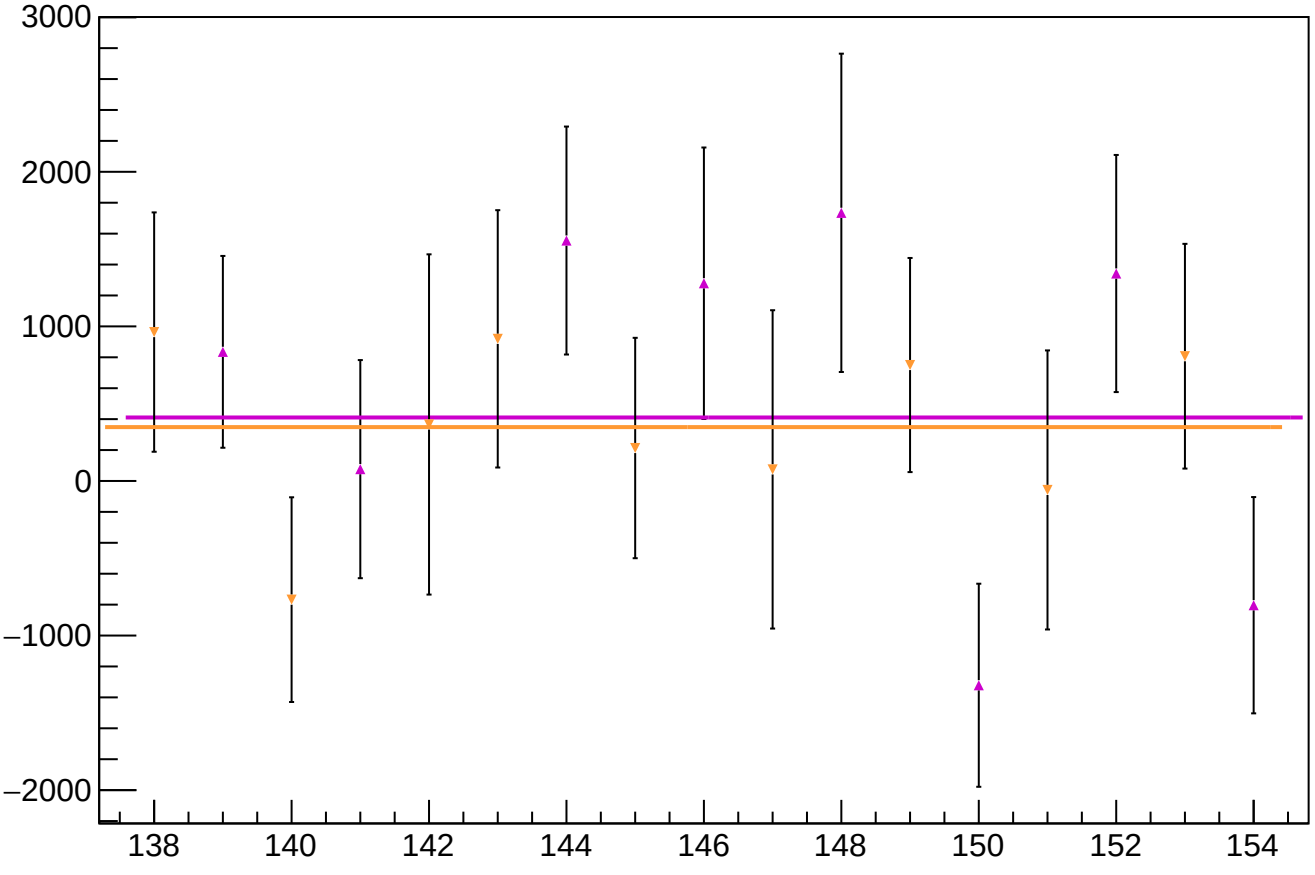
Left In: 108.870+/-0.030 χ^2/NDF:140853.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 107.185+/-0.021 χ^2/NDF: 272850.3/16

- 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: 348.422+/-264.127 χ^2/NDF:5.0/8

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

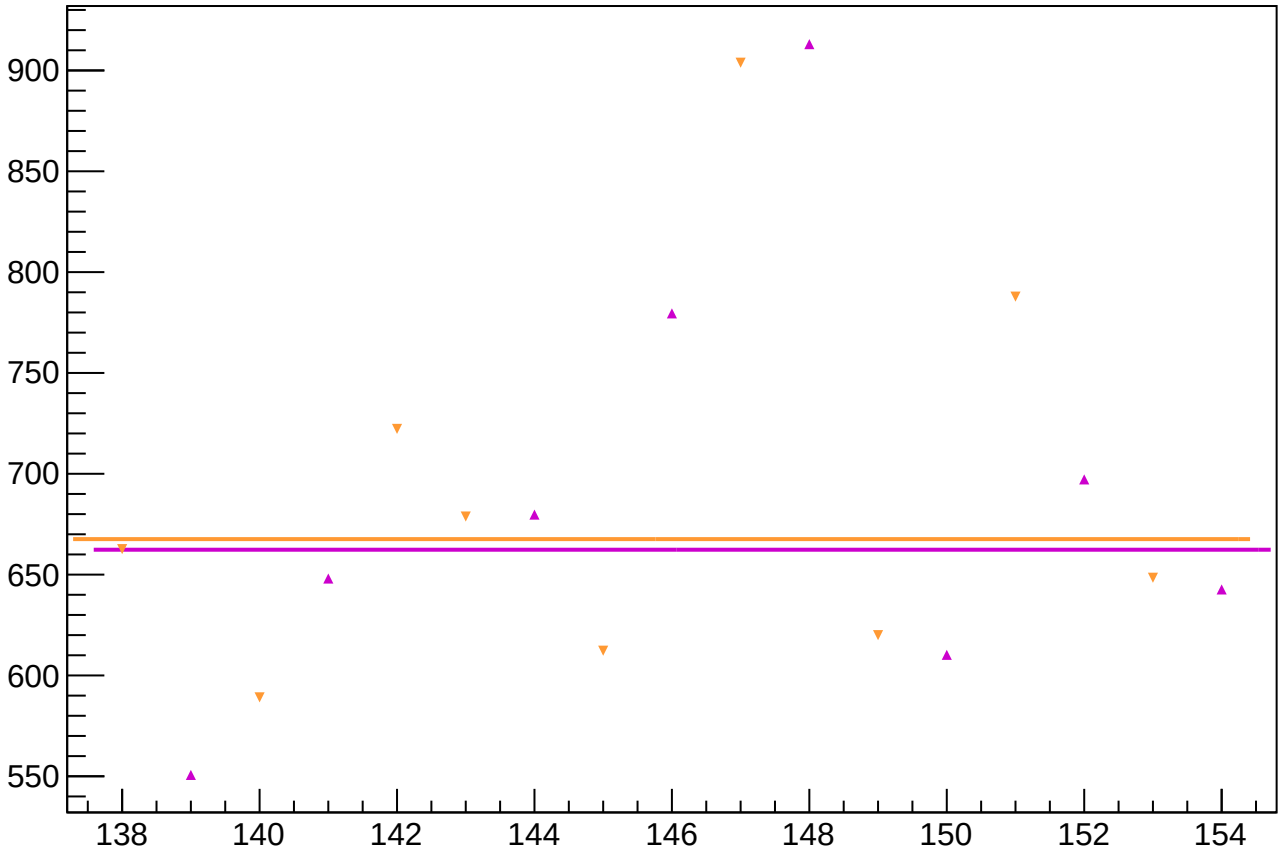
Left In: 410.670+/-260.408 χ^2/NDF:17.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 379.987+/-185.437 χ^2/NDF: 22.2/16

- 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: 667.604+/-0.187 χ^2/NDF:197131.3/8

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

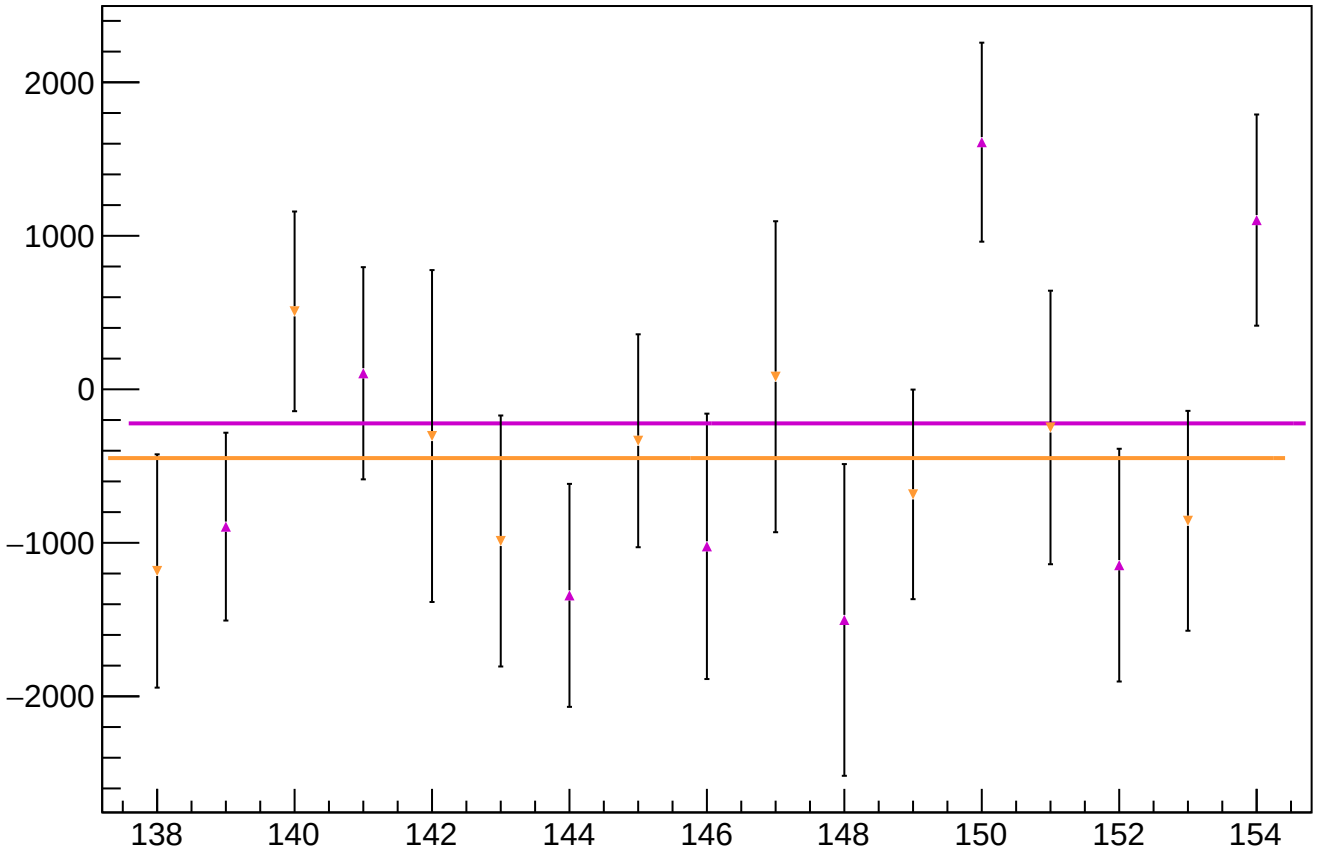
Left In: 662.345+/-0.184 χ^2/NDF:239237.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 664.937+/-0.131 χ^2/NDF: 436771.3/16

- 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: -448.002+/-259.447 χ^2/NDF:4.3/8

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

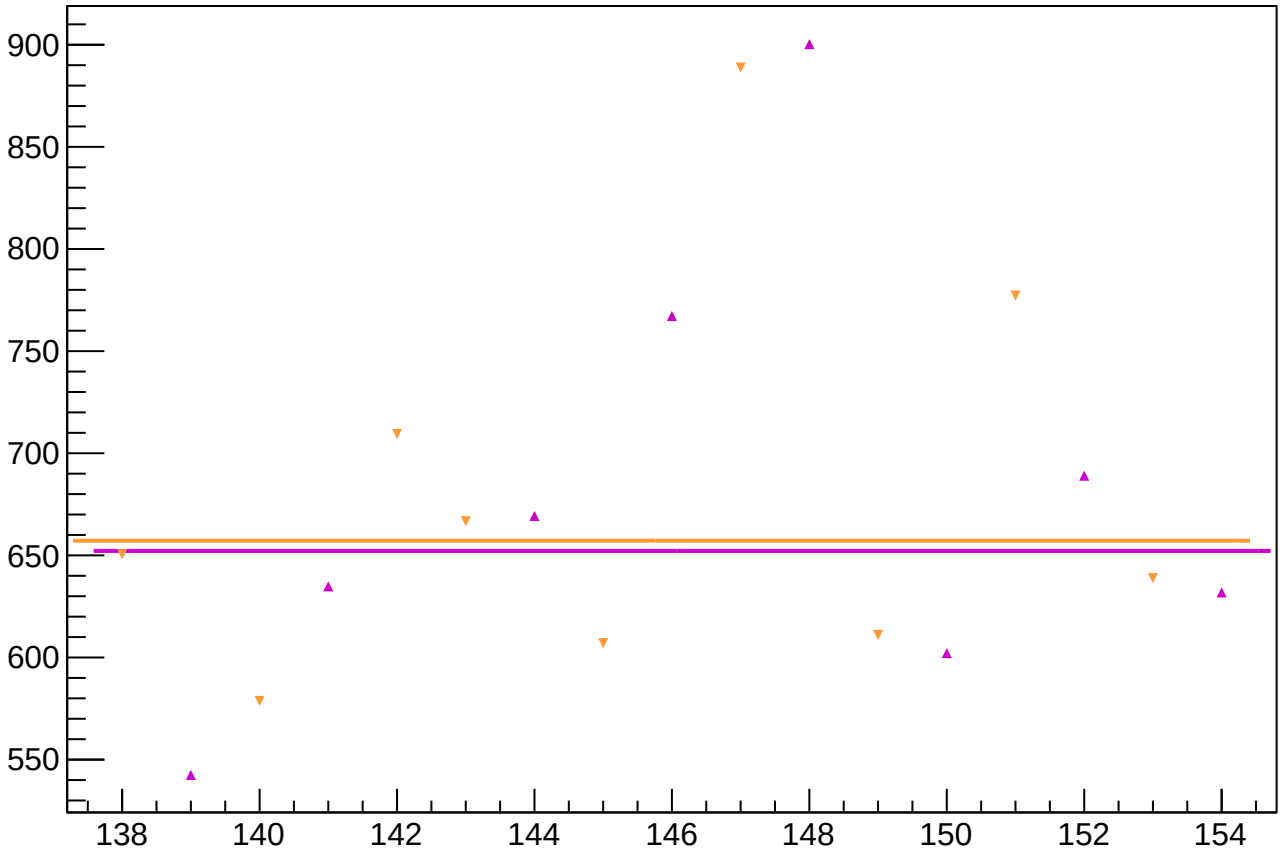
Left In: -221.901+/-256.468 χ^2/NDF:19.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -333.646+/-182.394 χ^2/NDF: 24.2/16

- 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: 657.182+/-0.183 χ^2/NDF:195968.2/8

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

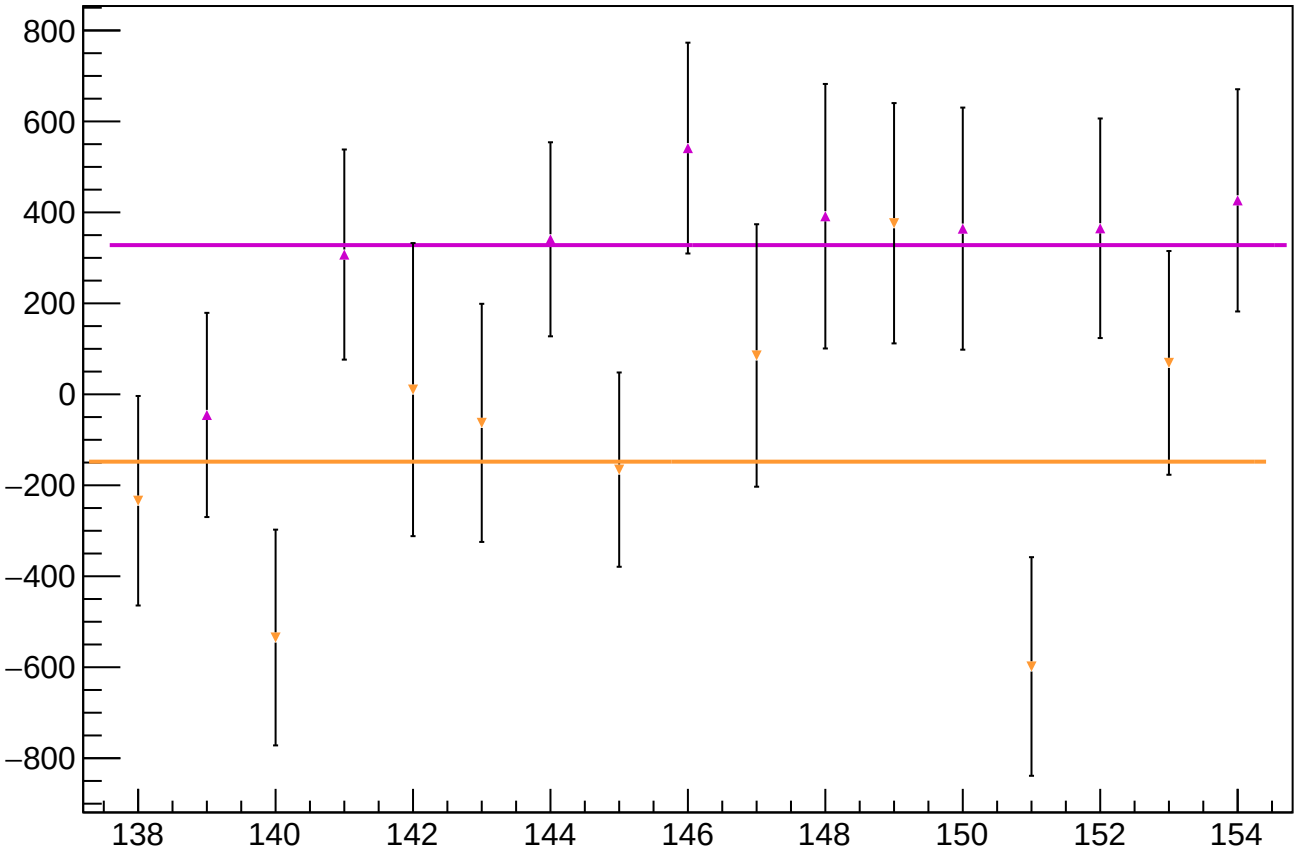
Left In: 652.174+/-0.181 χ^2/NDF:239887.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 654.649+/-0.129 χ^2/NDF: 436232.5/16

- 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: -148.017+/-83.636 χ^2/NDF:12.0/8

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

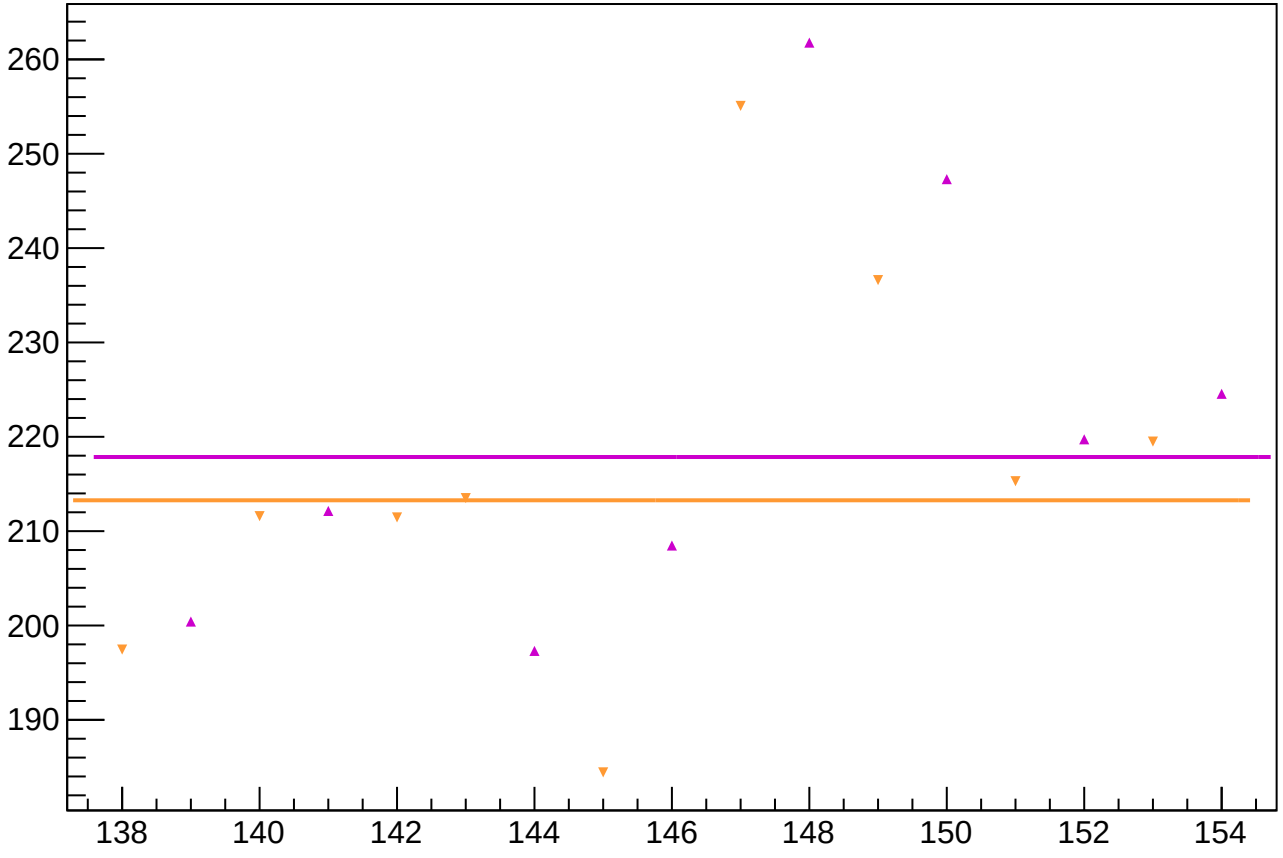
Left In: 328.053+/-84.805 χ^2/NDF:3.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 86.714+/-59.549 χ^2/NDF: 31.9/16

- 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: 213.271+/-0.059 χ^2/NDF:105064.9/8

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

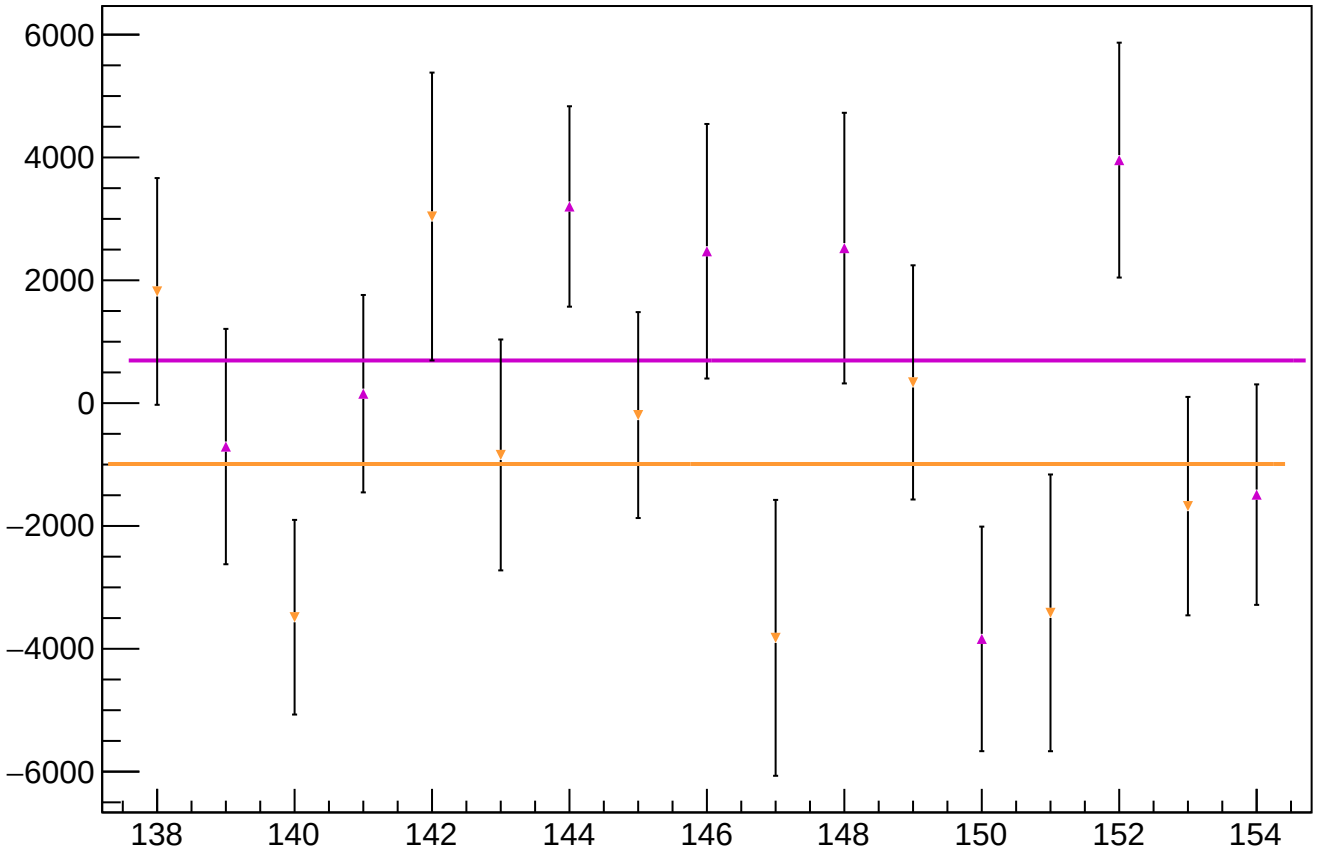
Left In: 217.860+/-0.060 χ^2/NDF:106876.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 215.534+/-0.042 χ^2/NDF: 214909.3/16

- 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: -991.042+/-632.574 χ^2/NDF:11.4/8

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

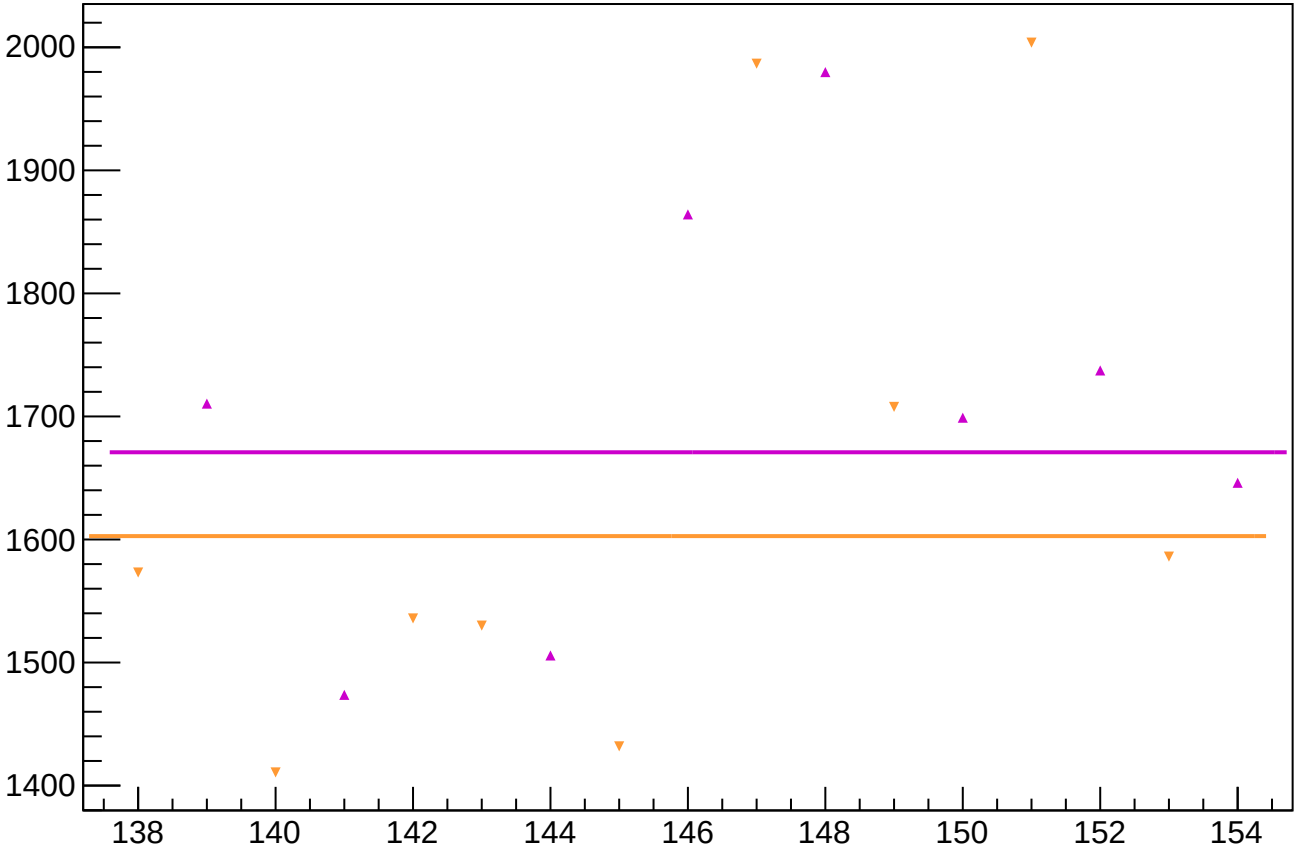
Left In: 694.454+/-651.369 χ^2/NDF:15.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -172.962+/-453.796 χ^2/NDF: 29.8/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_dd_correction_rms vs Slug



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

Left Out: 1602.746+/-0.447 χ^2/NDF:183350.7/8

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

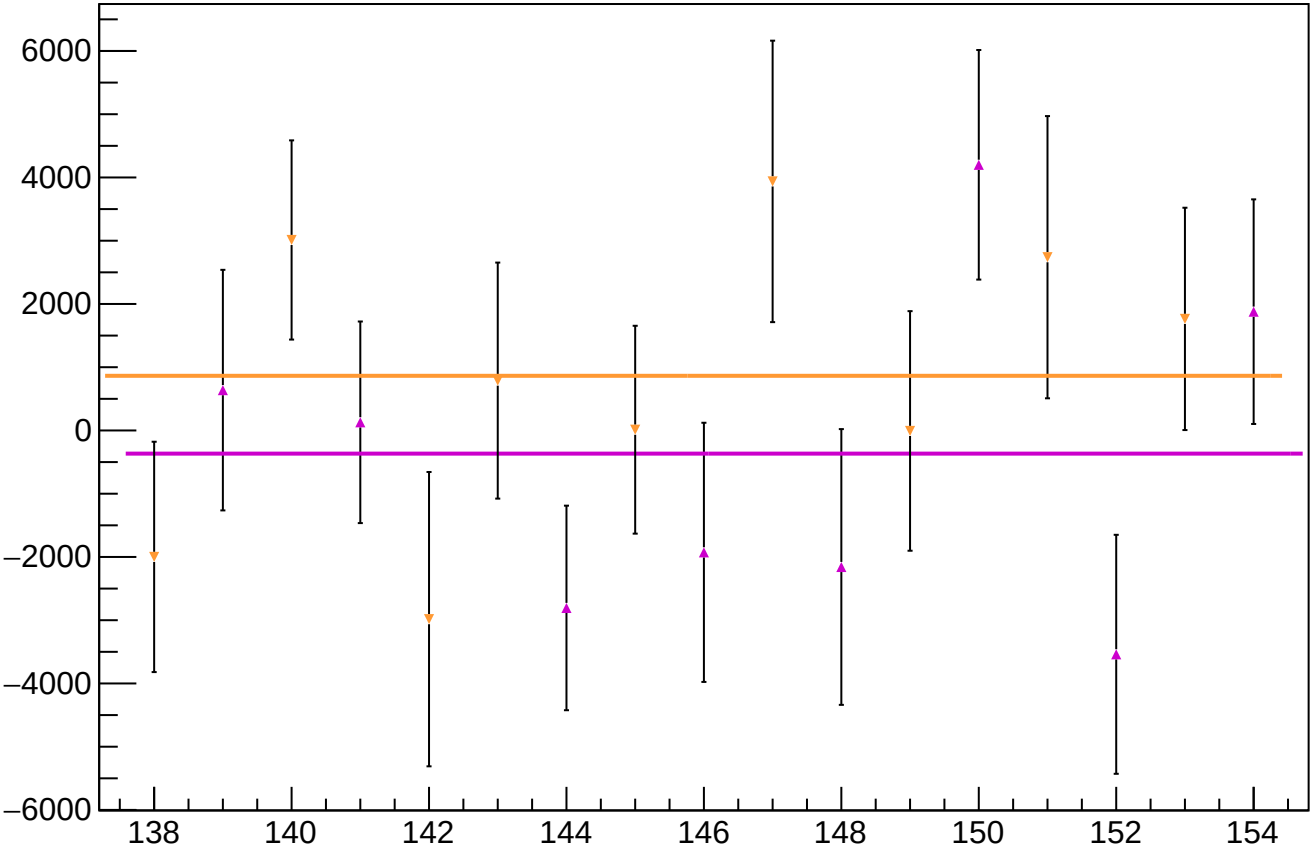
Left In: 1670.882+/-0.461 χ^2/NDF:111443.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1635.817+/-0.321 χ^2/NDF: 306056.4/16

- 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: 864.177+/-625.914 χ^2/NDF:10.4/8

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

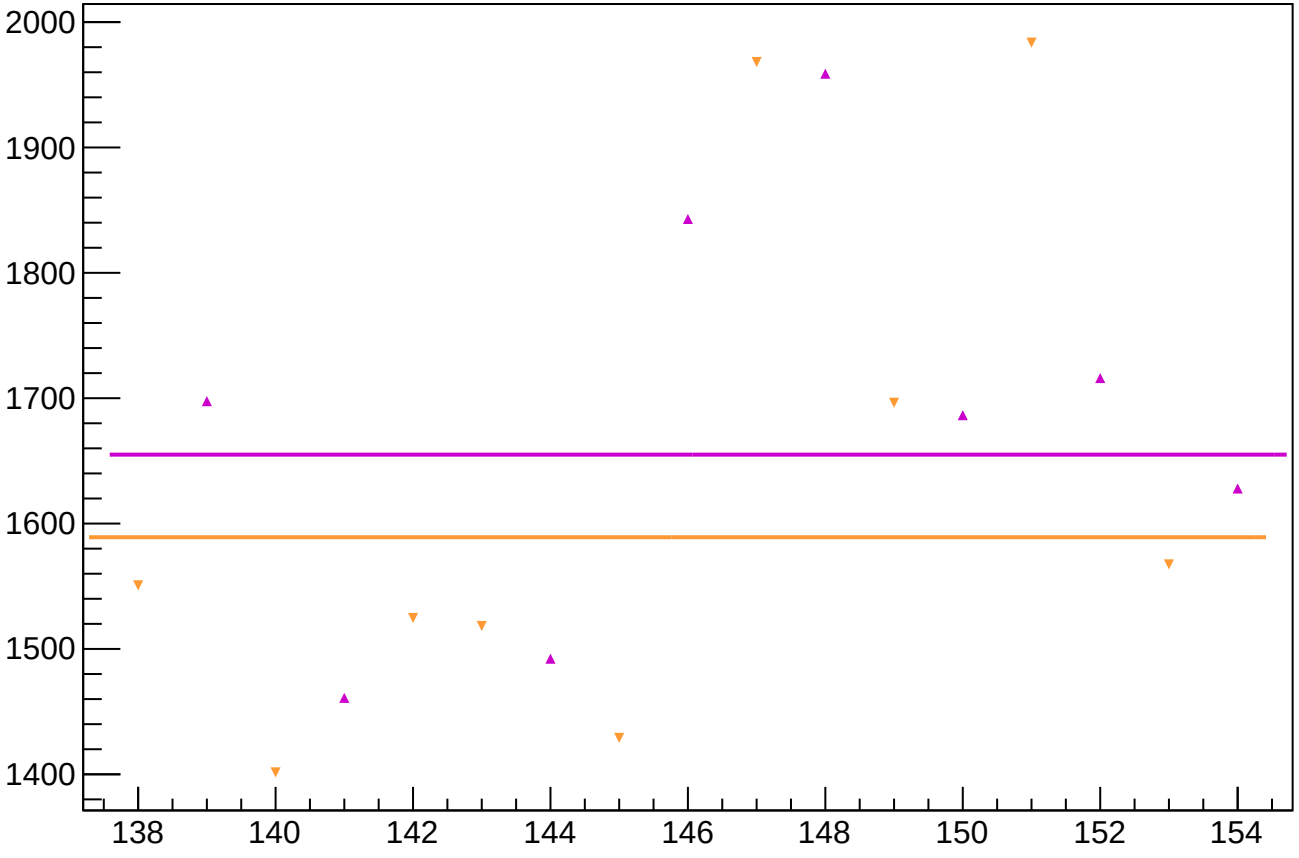
Left In: -366.232+/-645.199 χ^2/NDF:14.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 267.636+/-449.251 χ^2/NDF: 27.0/16

- 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: 1589.096+/-0.443 χ^2/NDF:179955.8/8

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

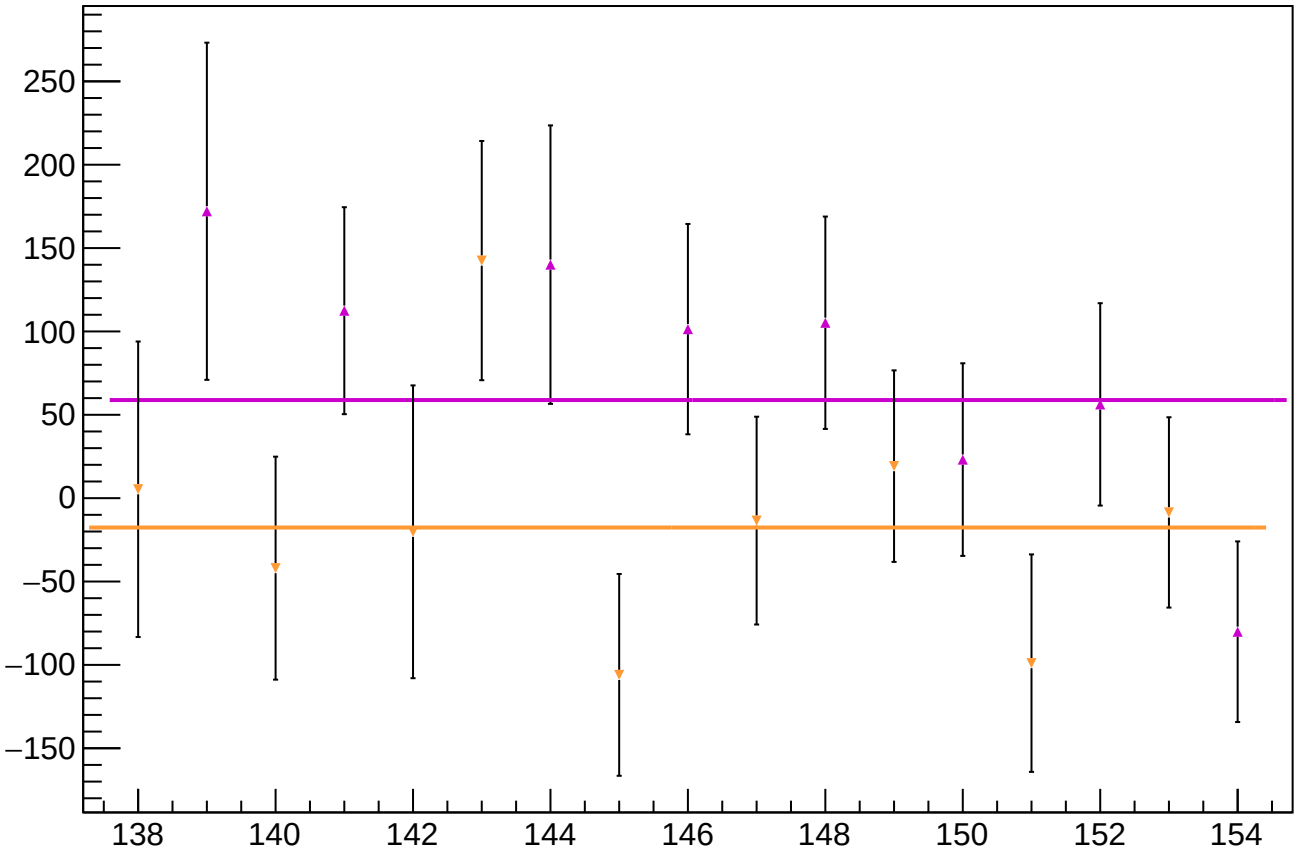
Left In: 1654.994+/-0.456 χ^2/NDF:109757.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1621.045+/-0.318 χ^2/NDF: 300461.4/16

- 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: -17.606+/-22.084 χ^2/NDF:9.3/8

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

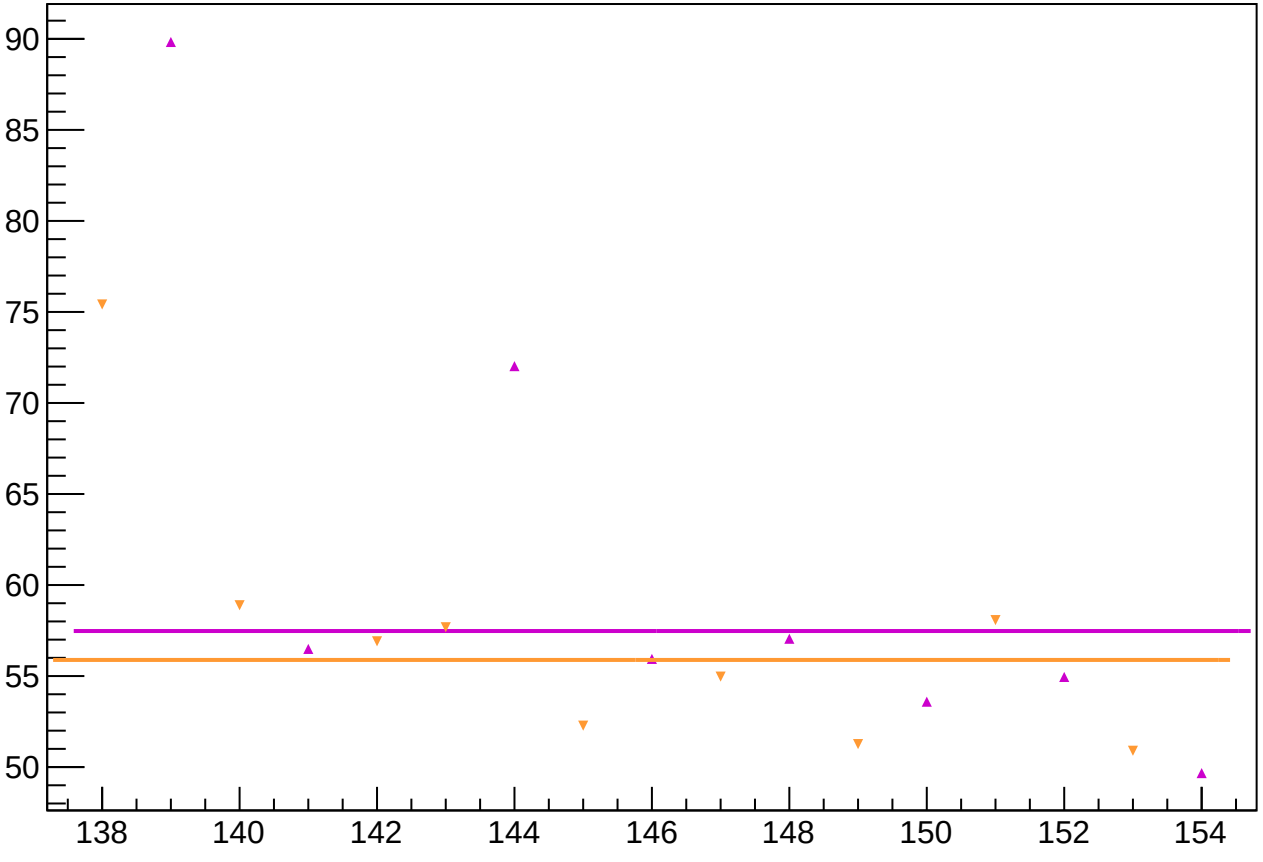
Left In: 58.846+/-22.878 χ^2/NDF:10.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 19.270+/-15.889 χ^2/NDF: 26.0/16

- 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: 55.885+/-0.016 χ^2/NDF:140674.6/8

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

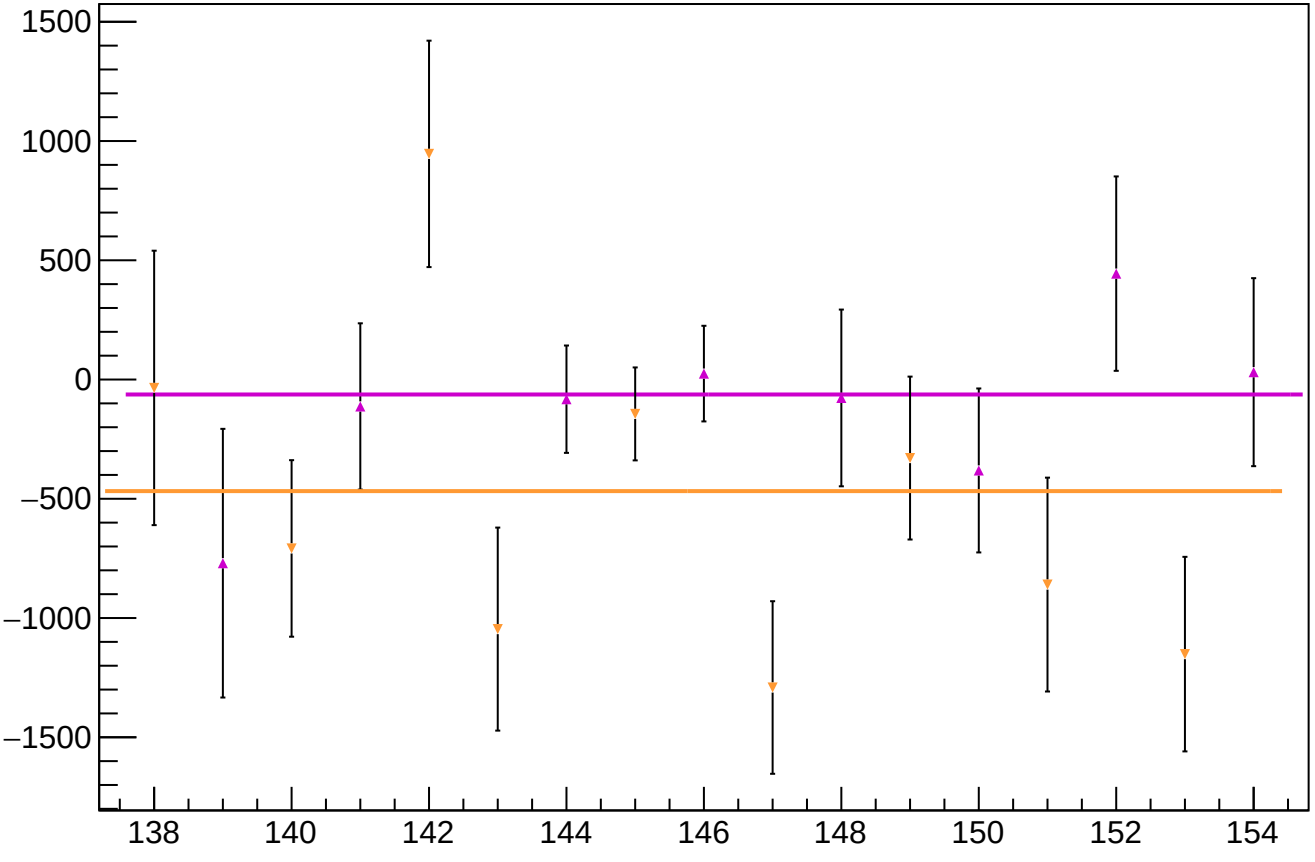
Left In: 57.473+/-0.016 χ^2/NDF:321261.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 56.651+/-0.011 χ^2/NDF: 466924.5/16

- 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: -467.858+/-116.394 χ^2/NDF:23.4/8

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

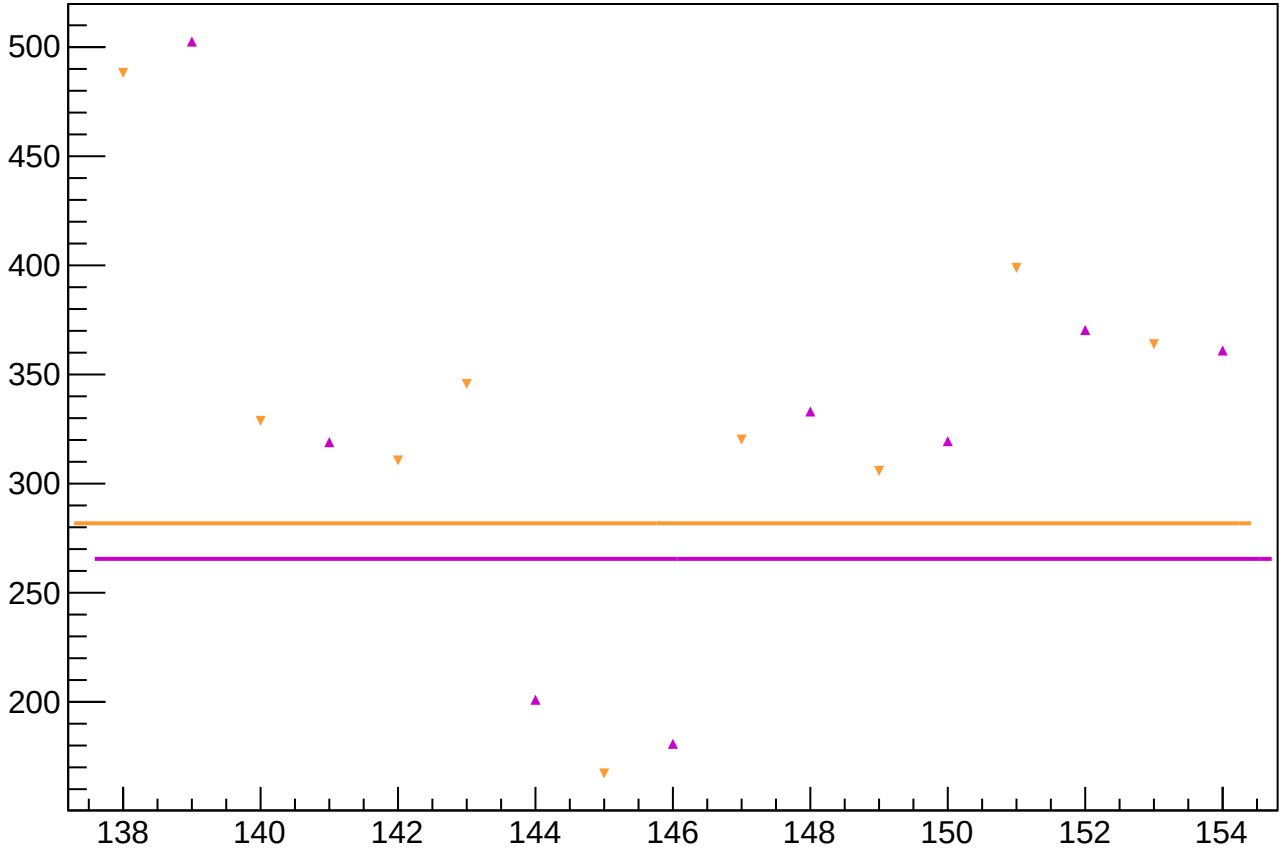
Left In: -62.731+/-108.977 χ^2/NDF:4.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -251.977+/-79.551 χ^2/NDF: 34.1/16

- 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: 281.829+/-0.082 χ^2/NDF:1283445.5/8

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

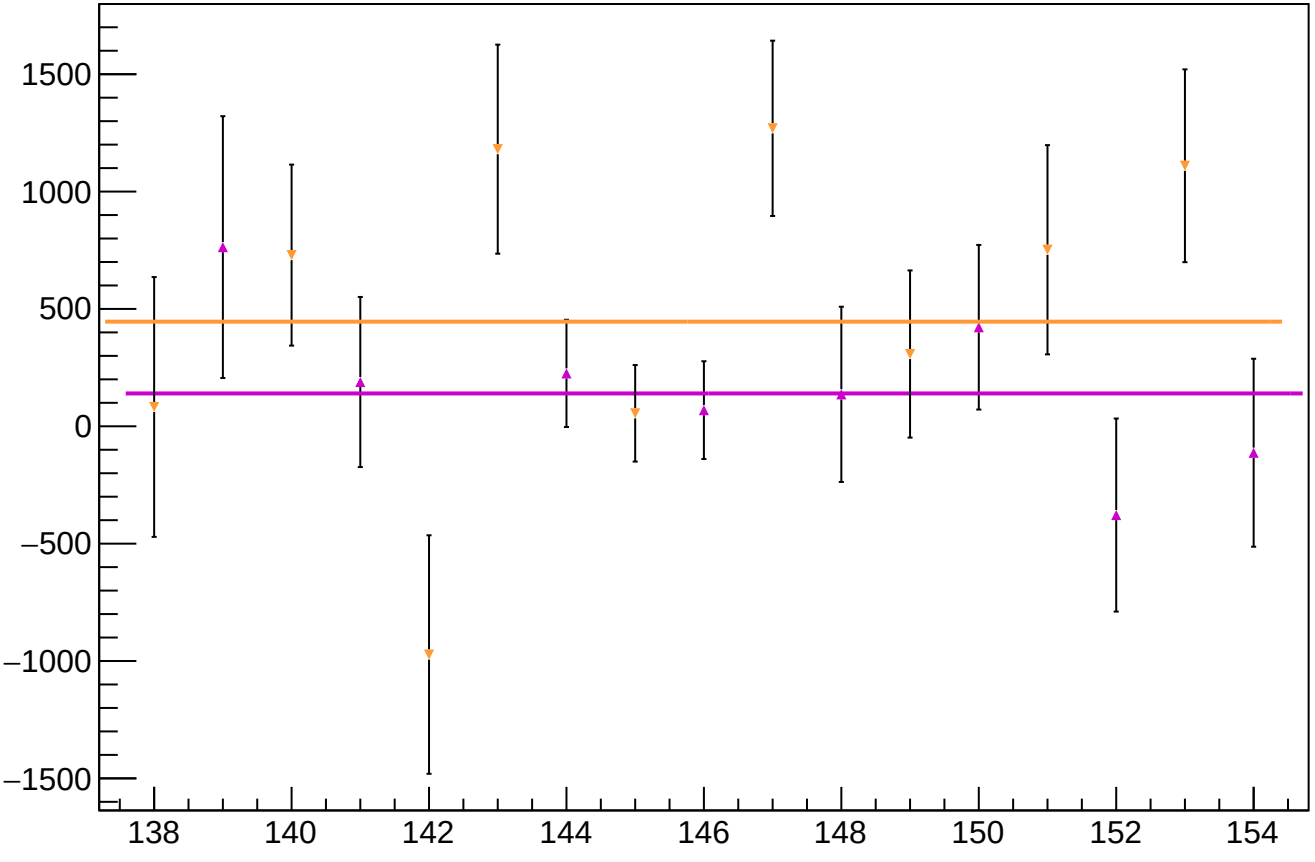
Left In: 265.524+/-0.077 χ^2/NDF:1288382.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 273.141+/-0.056 χ^2/NDF: 2592743.3/16

- 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: 445.800+/-120.770 χ^2/NDF:23.2/8

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

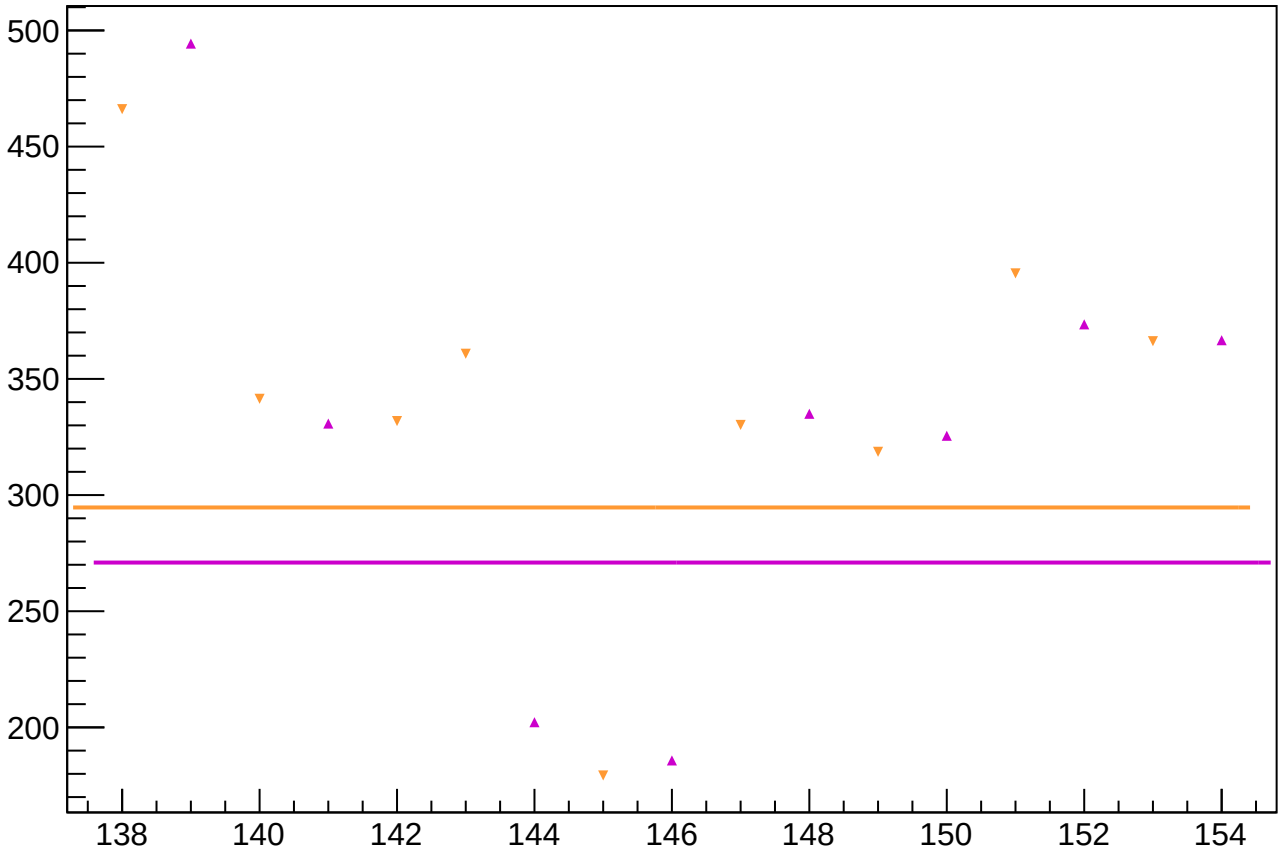
Left In: 139.924+/-111.450 χ^2/NDF:4.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 280.606+/-81.904 χ^2/NDF: 30.8/16

- 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: 294.666+/-0.085 χ^2/NDF:1095448.2/8

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

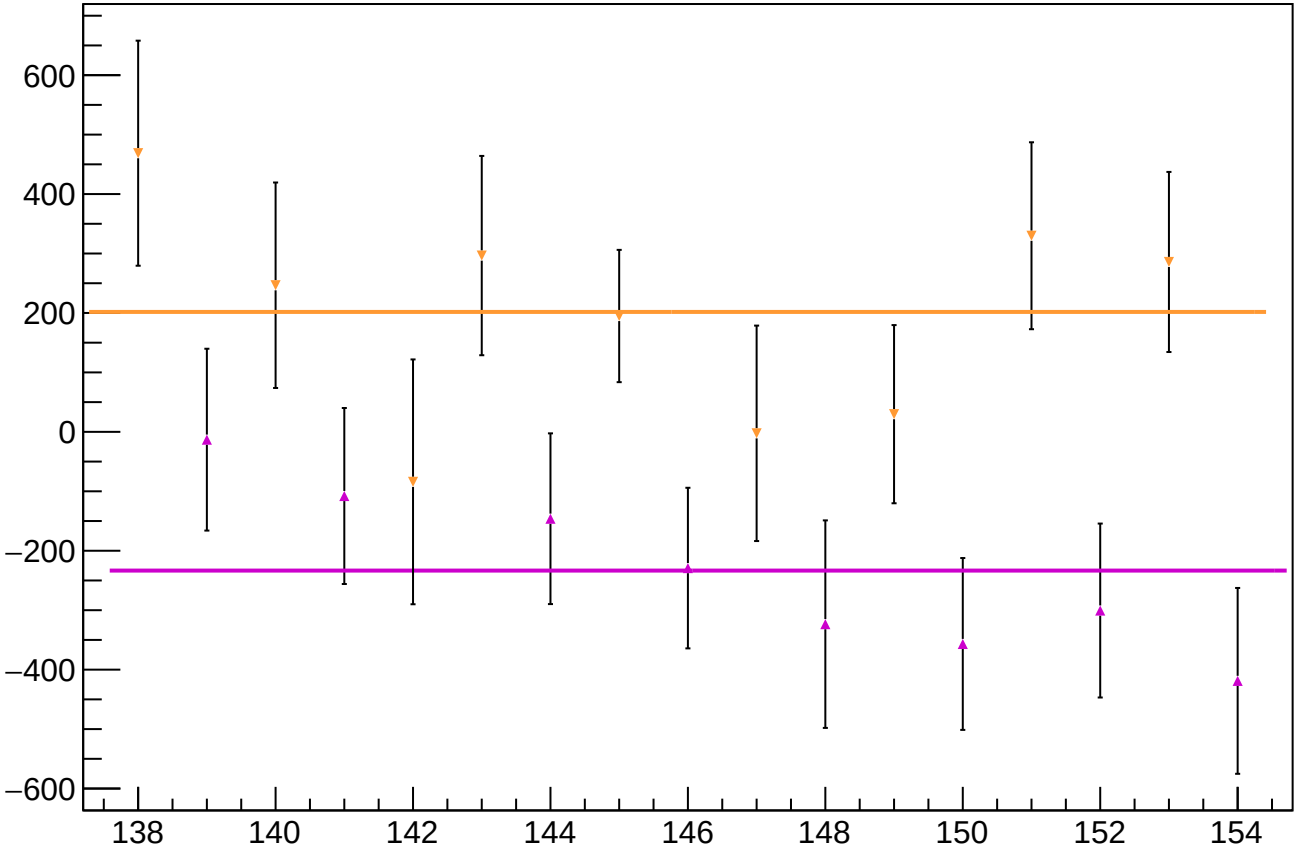
Left In: 270.949+/-0.079 χ^2/NDF:1236774.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 281.857+/-0.058 χ^2/NDF: 2373878.4/16

- 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: 201.735+/-52.677 χ^2/NDF:7.9/8

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

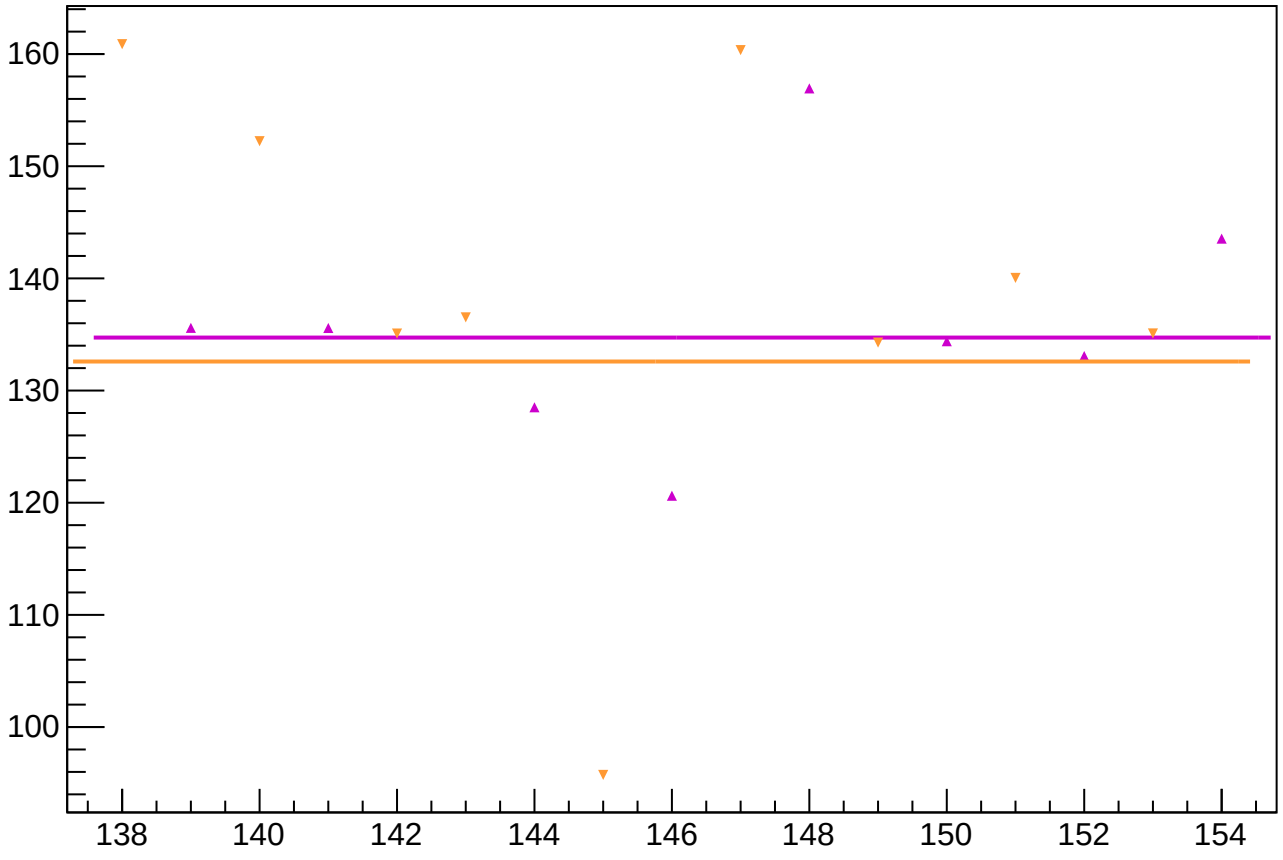
Left In: -233.354+/-52.702 χ^2/NDF:5.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.706+/-37.257 χ^2/NDF: 47.7/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_48_dd_rms vs Slug



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

Left Out: 132.589+/-0.037 χ^2/NDF:343635.6/8

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

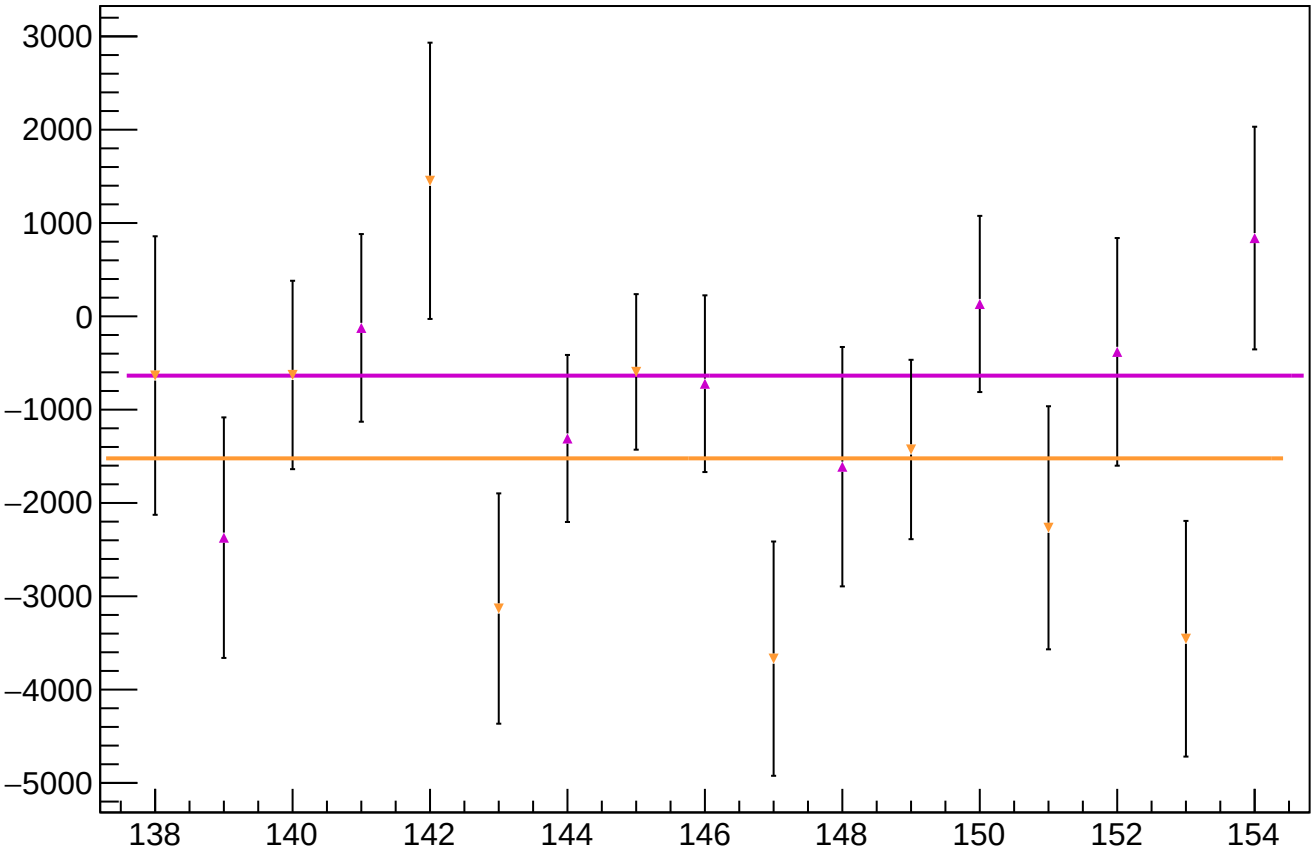
Left In: 134.723+/-0.037 χ^2/NDF:64704.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 133.656+/-0.026 χ^2/NDF: 409981.2/16

- 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: -1521.988+/-380.229 χ^2/NDF:13.7/8

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

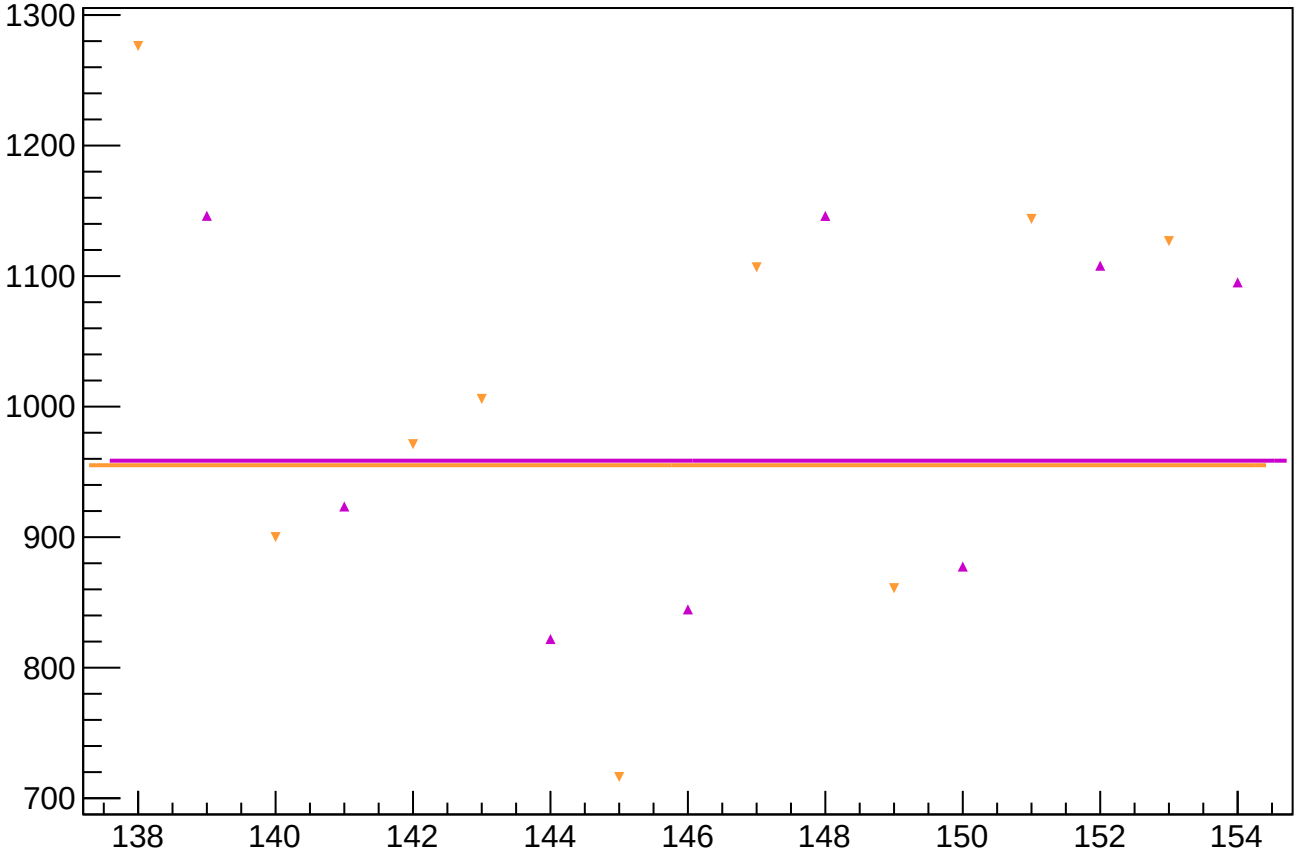
Left In: -635.502+/-376.383 χ^2/NDF:5.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -1074.239+/-267.492 χ^2/NDF: 21.9/16

- 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: 955.097+/-0.269 χ^2/NDF:393795.8/8

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

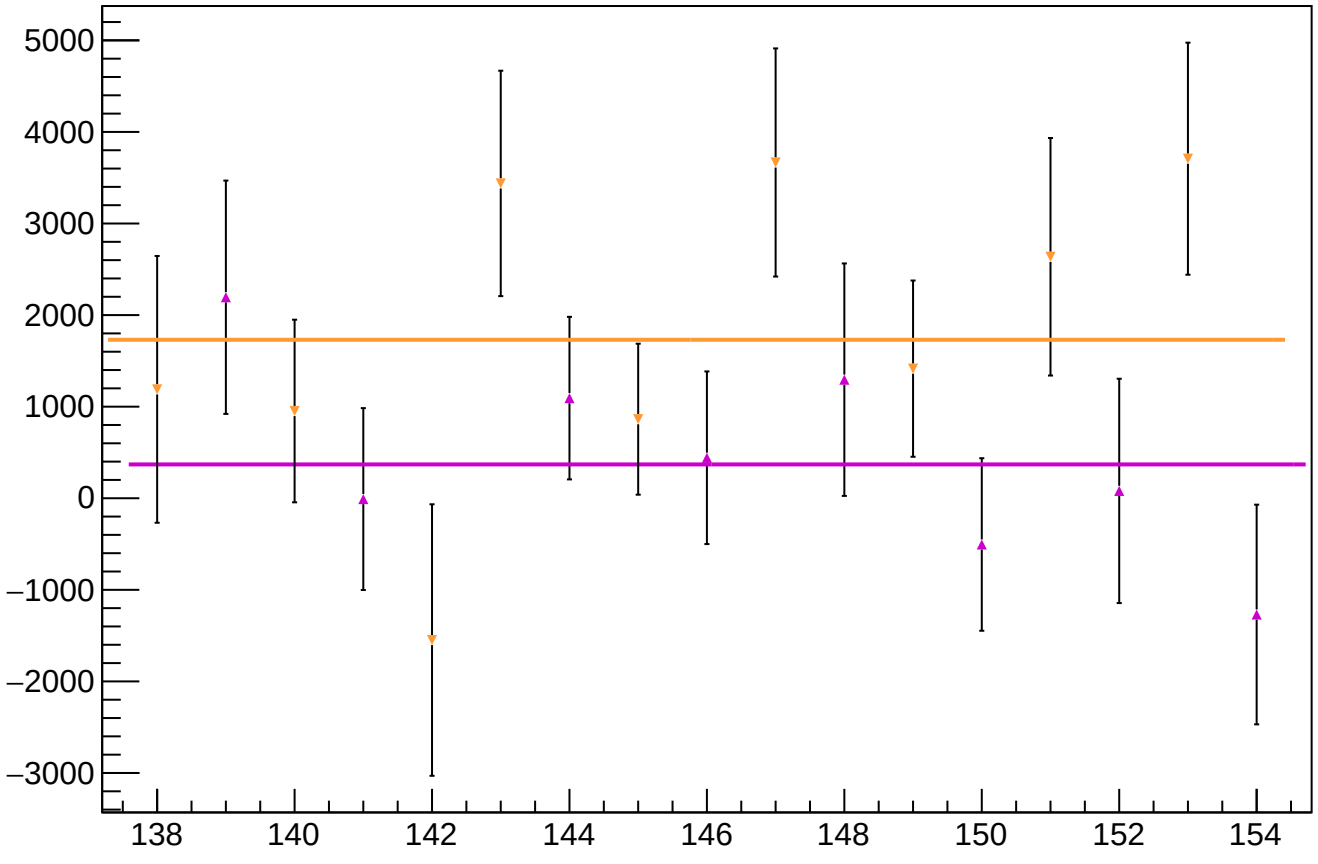
Left In: 958.587+/-0.266 χ^2/NDF:234072.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 956.860+/-0.189 χ^2/NDF: 627953.8/16

- 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: 1730.390+/-377.796 χ^2/NDF:14.1/8

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

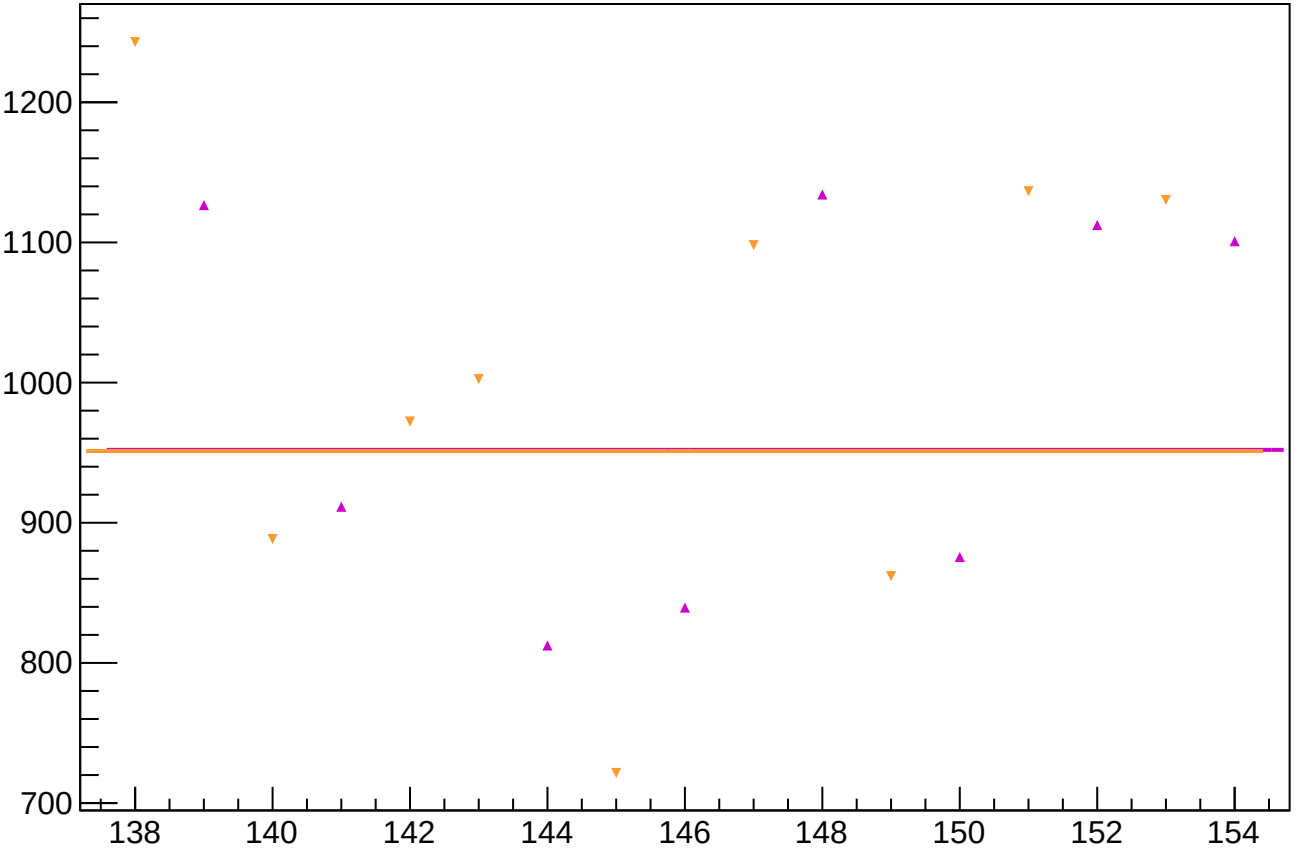
Left In: 369.331+/-374.384 χ^2/NDF:6.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1043.686+/-265.928 χ^2/NDF: 26.9/16

- 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: 951.154+/-0.267 χ^2/NDF:373201.9/8

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

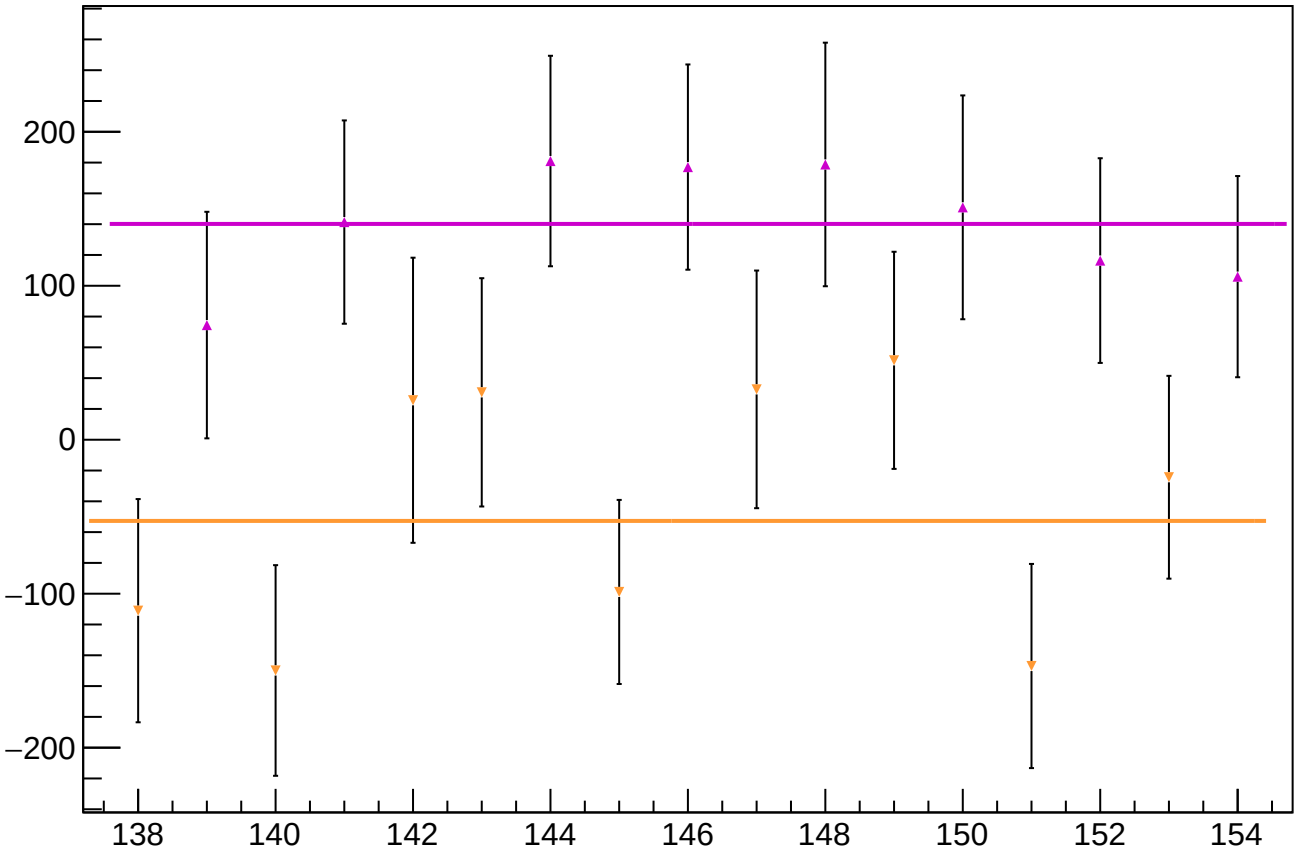
Left In: 952.018+/-0.265 χ^2/NDF:238394.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 951.590+/-0.188 χ^2/NDF: 611602.0/16

- 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: -52.731+/-23.508 χ^2/NDF:10.9/8

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

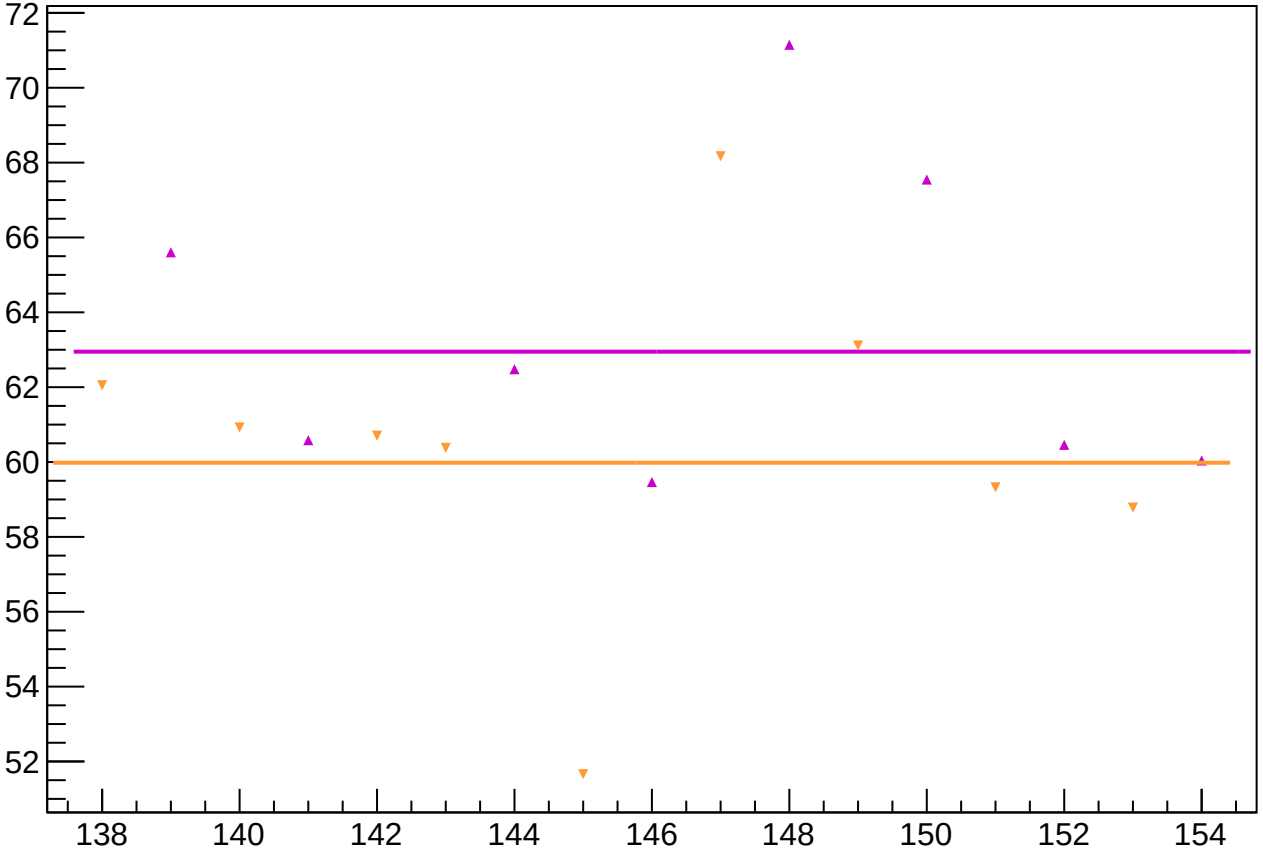
Left In: 140.157+/-24.522 χ^2/NDF:2.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 39.644+/-16.970 χ^2/NDF: 45.2/16

- 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: 59.982+/-0.017 χ^2/NDF:68275.6/8

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

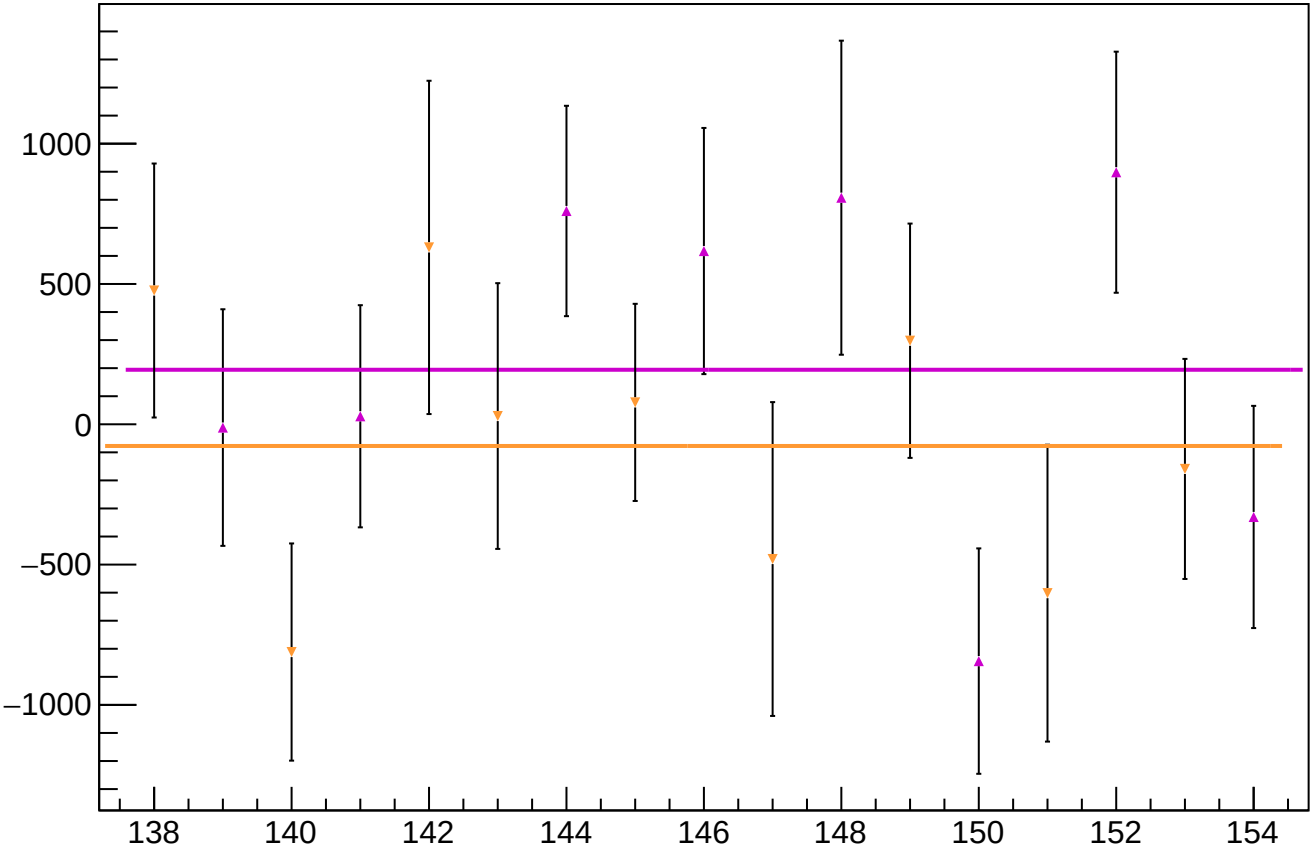
Left In: 62.949+/-0.017 χ^2/NDF:46986.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 61.403+/-0.012 χ^2/NDF: 130516.1/16

- 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: -77.304+/-147.488 χ^2/NDF:9.1/8

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

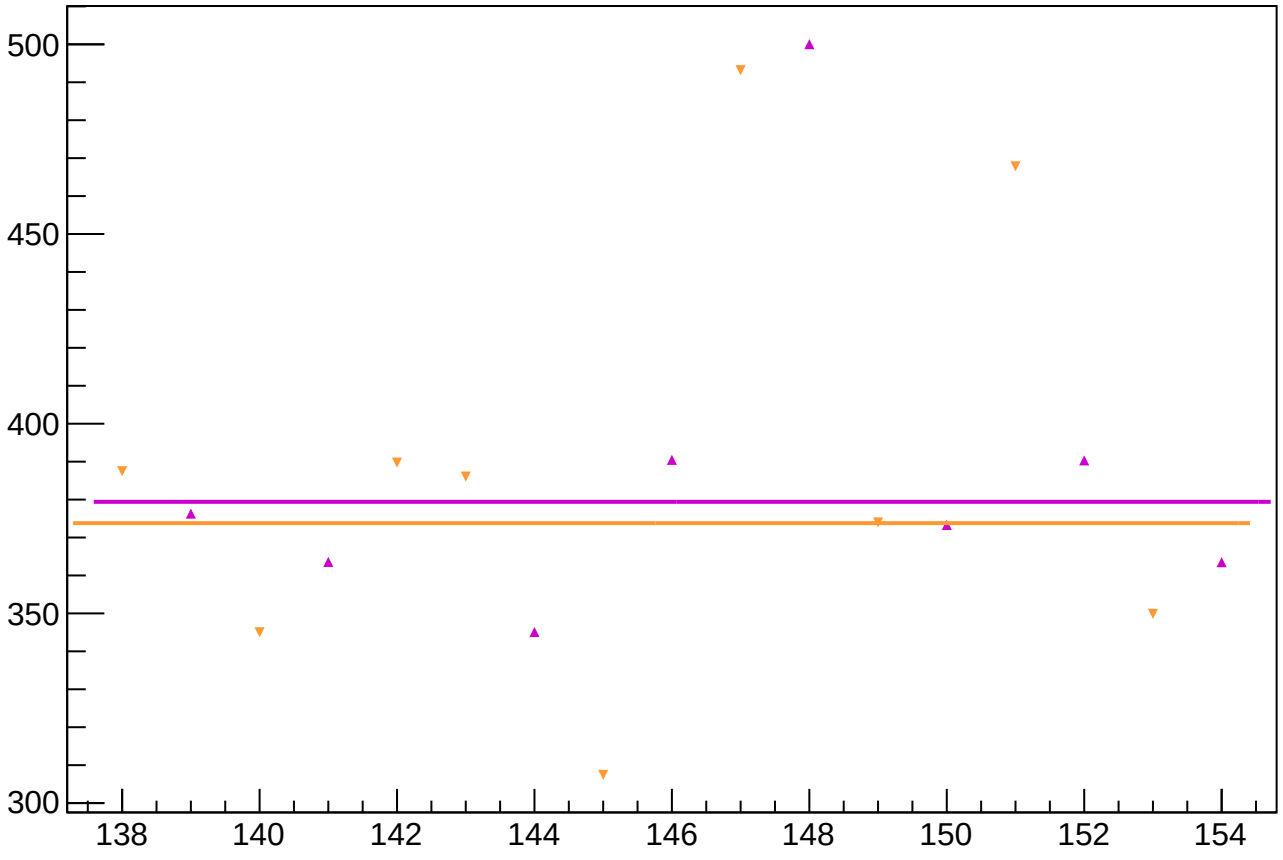
Left In: 194.305+/-148.229 χ^2/NDF:15.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 57.819+/-104.551 χ^2/NDF: 26.8/16

- 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: 373.797+/-0.104 χ^2/NDF:248816.9/8

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

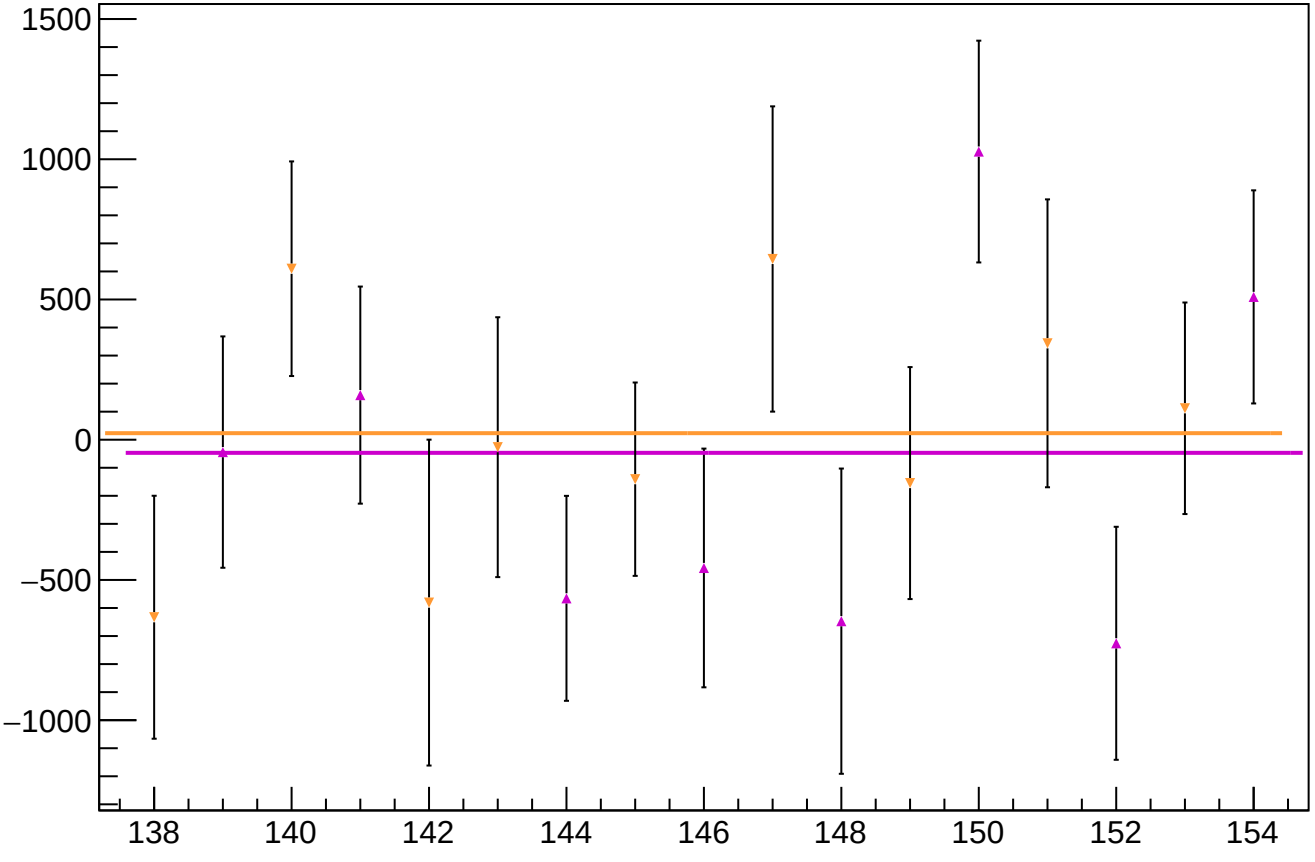
Left In: 379.409+/-0.105 χ^2/NDF:119263.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 376.589+/-0.074 χ^2/NDF: 369520.6/16

- 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: 23.334+/-143.969 χ^2/NDF:7.9/8

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

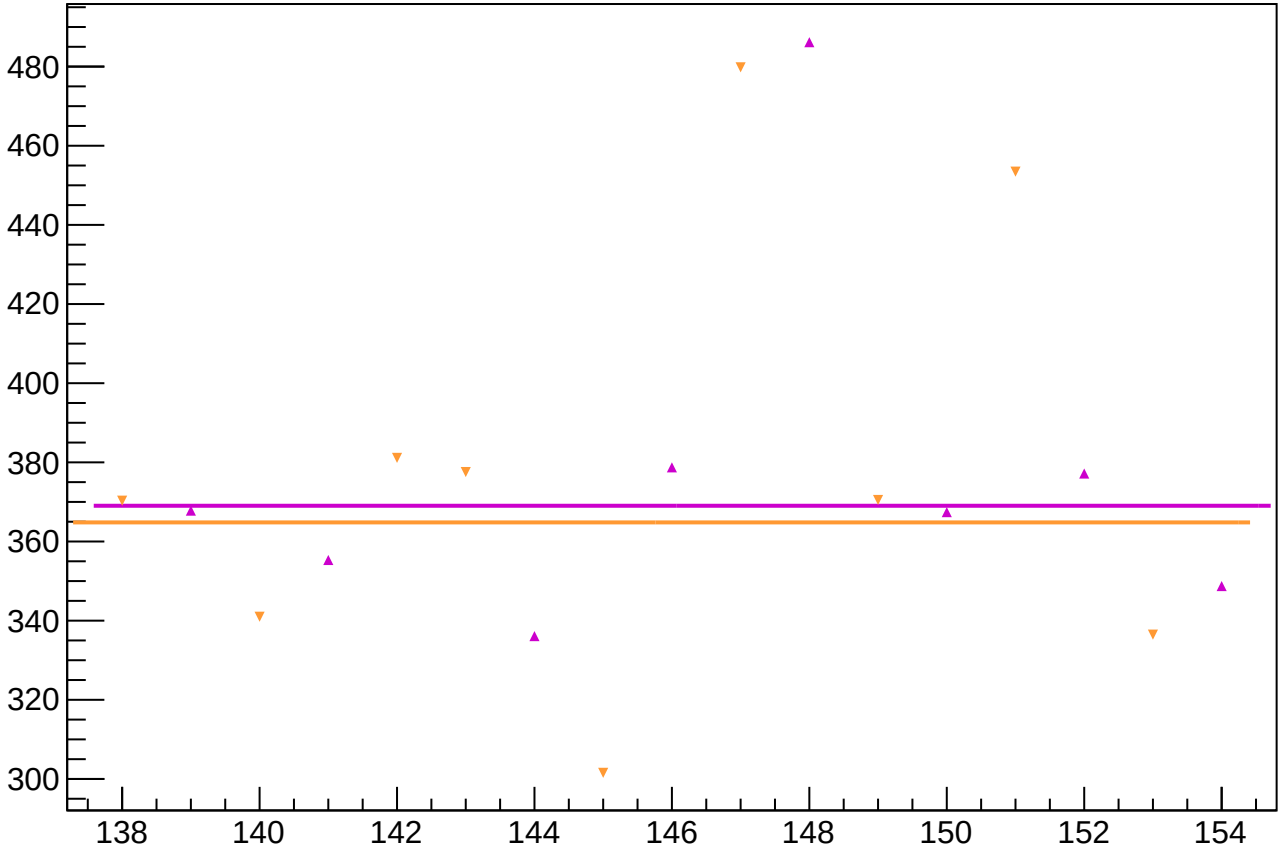
Left In: -46.791+/-144.243 χ^2/NDF:16.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.662+/-101.898 χ^2/NDF: 24.7/16

- 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: 364.825+/-0.102 χ^2/NDF:239151.9/8

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

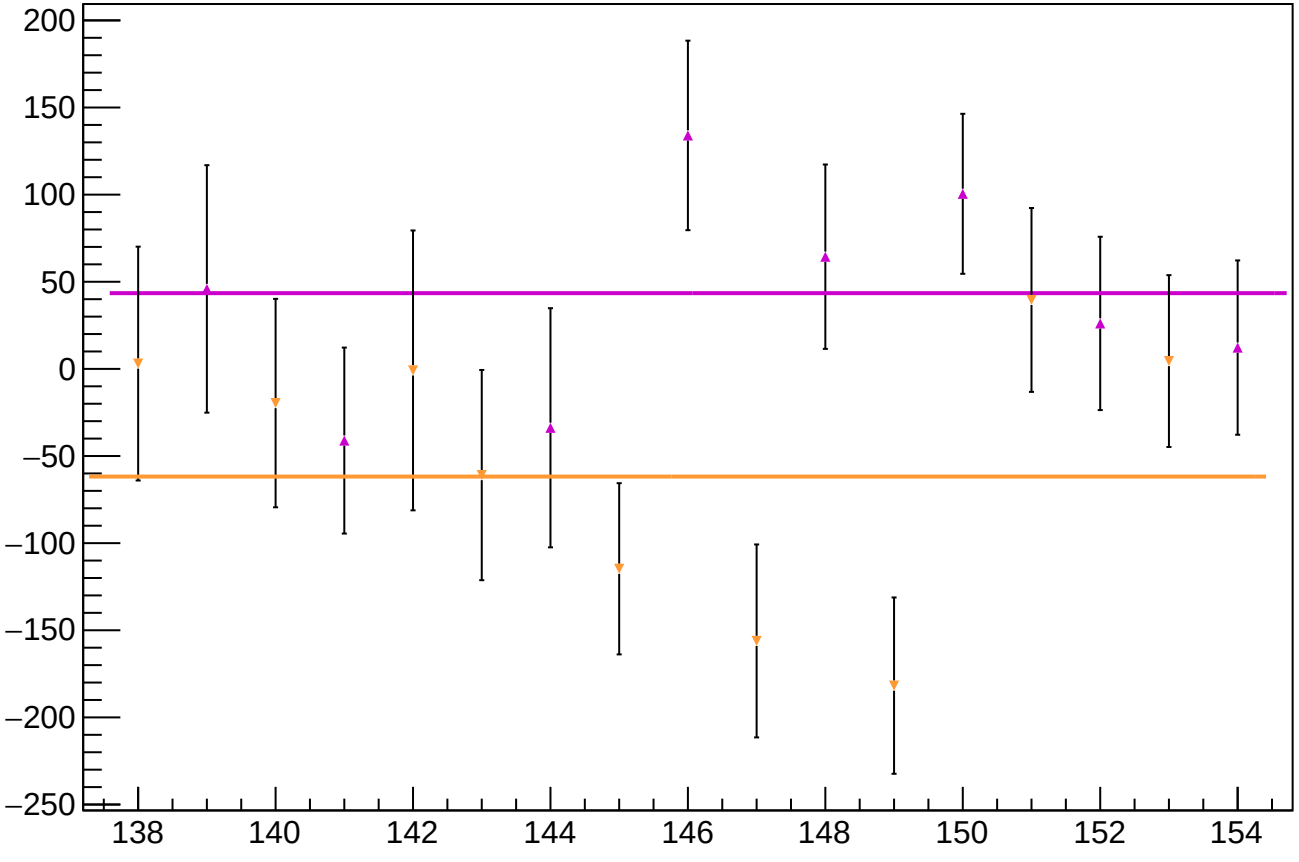
Left In: 369.032+/-0.102 χ^2/NDF:118976.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 366.925+/-0.072 χ^2/NDF: 358980.6/16

- 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: -61.797+/-18.787 χ^2/NDF:17.2/8

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

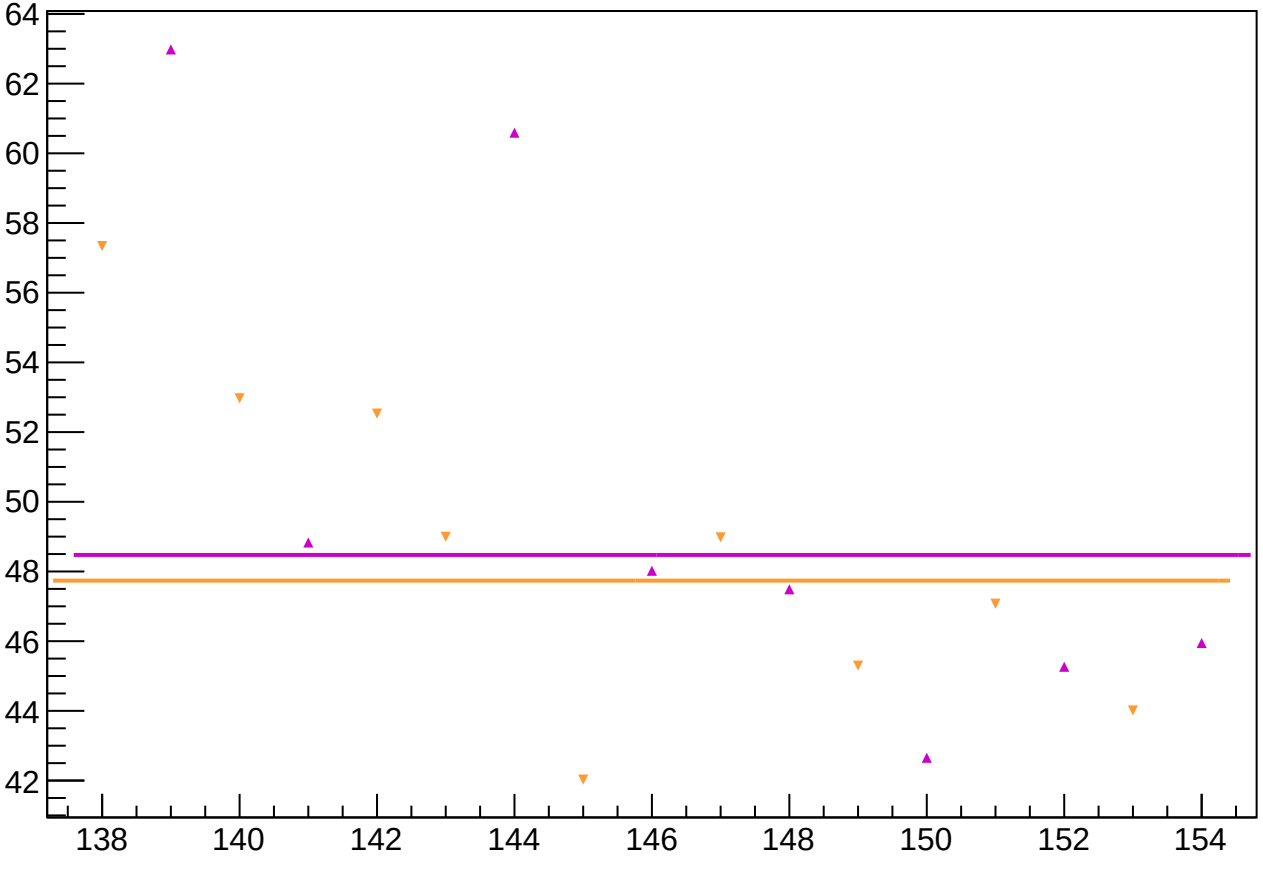
Left In: 43.464+/-19.119 χ^2/NDF:8.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.087+/-13.400 χ^2/NDF: 41.4/16

- 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: 47.738+/-0.013 χ^2/NDF:108654.9/8

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

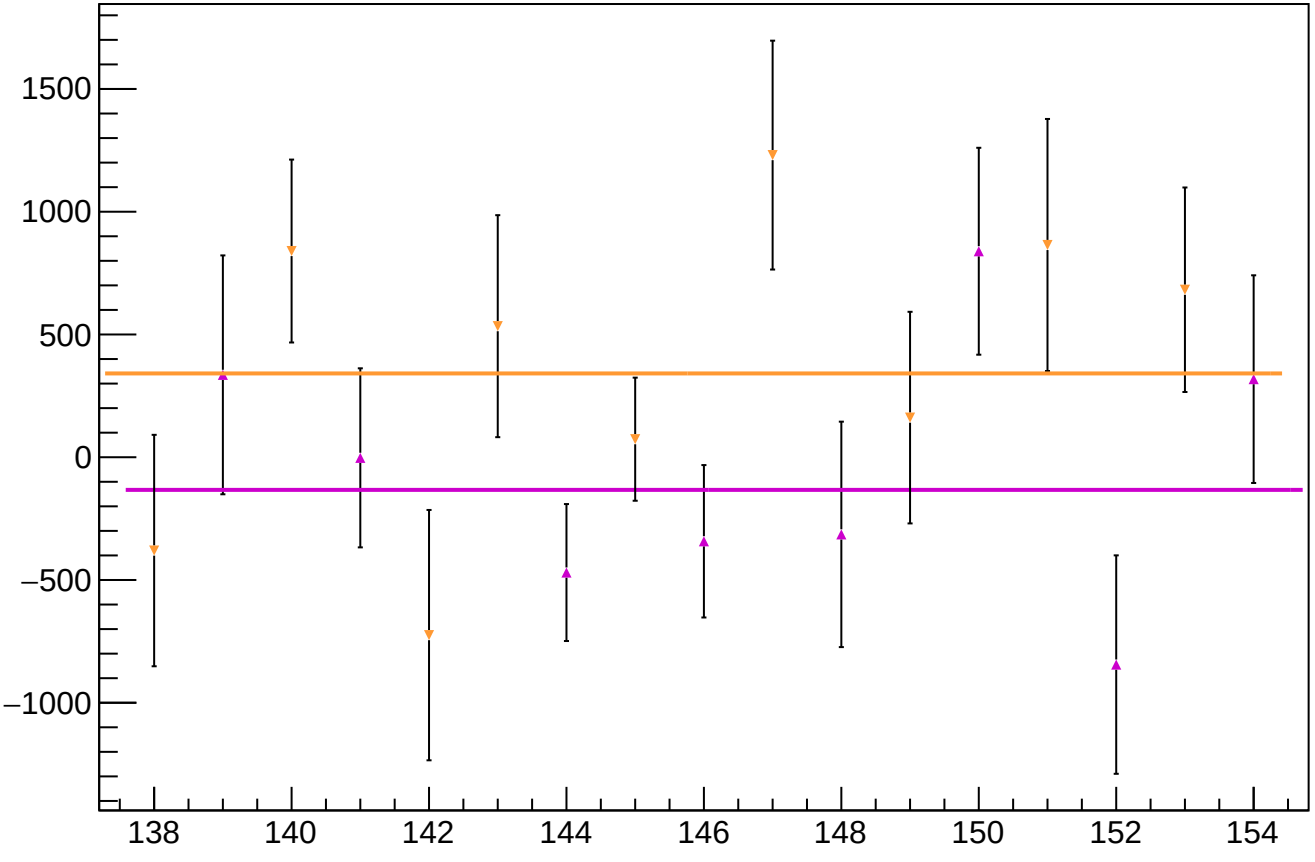
Left In: 48.475+/-0.014 χ^2/NDF:192322.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 48.100+/-0.009 χ^2/NDF: 302490.8/16

- 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: 341.331+/-133.743 χ^2/NDF:15.4/8

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

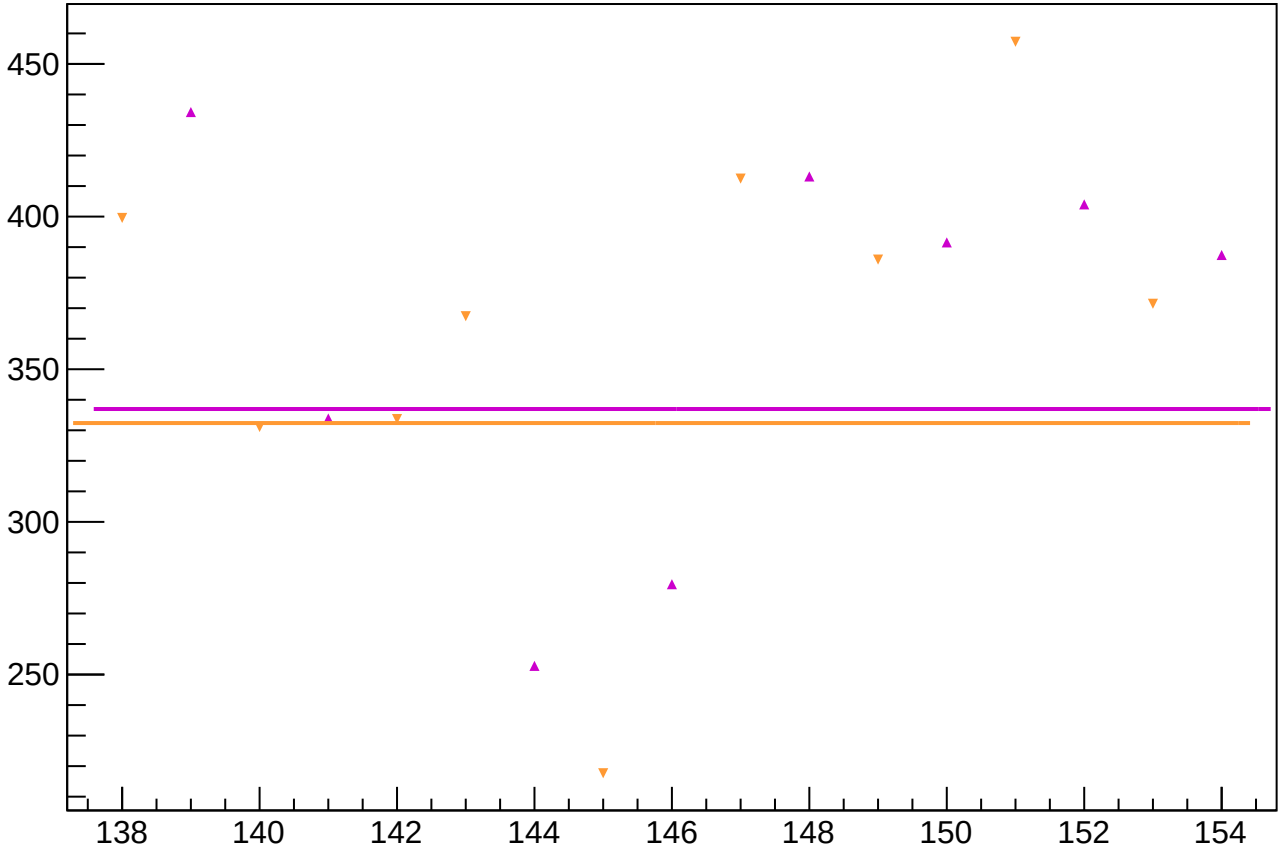
Left In: -132.958+/-133.635 χ^2/NDF:12.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 103.994+/-94.532 χ^2/NDF: 33.8/16

- 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: 332.375+/-0.095 χ^2/NDF:697226.2/8

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

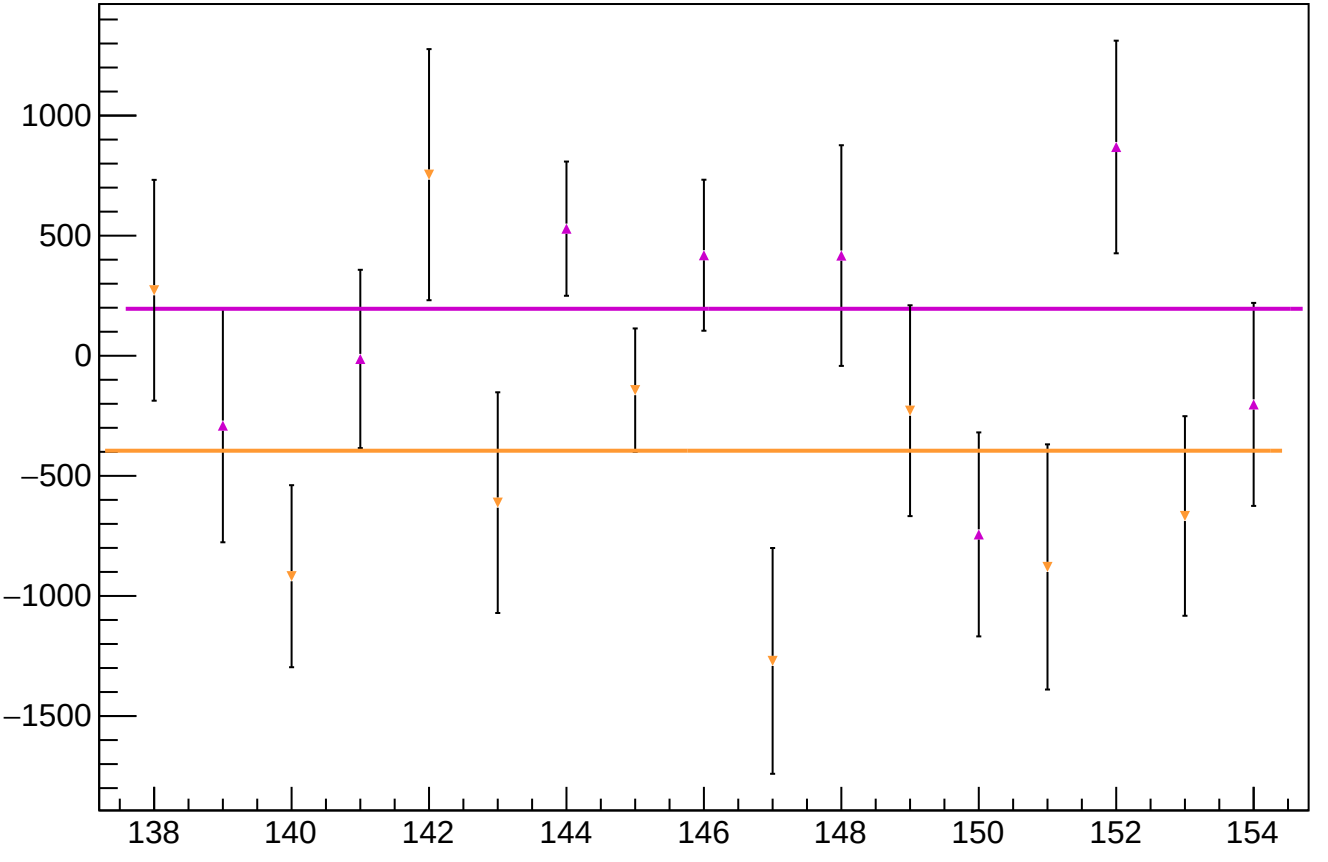
Left In: 336.975+/-0.094 χ^2/NDF:492884.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 334.677+/-0.067 χ^2/NDF: 1191294.4/16

- 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: -395.345+/-135.334 χ^2/NDF:15.0/8

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

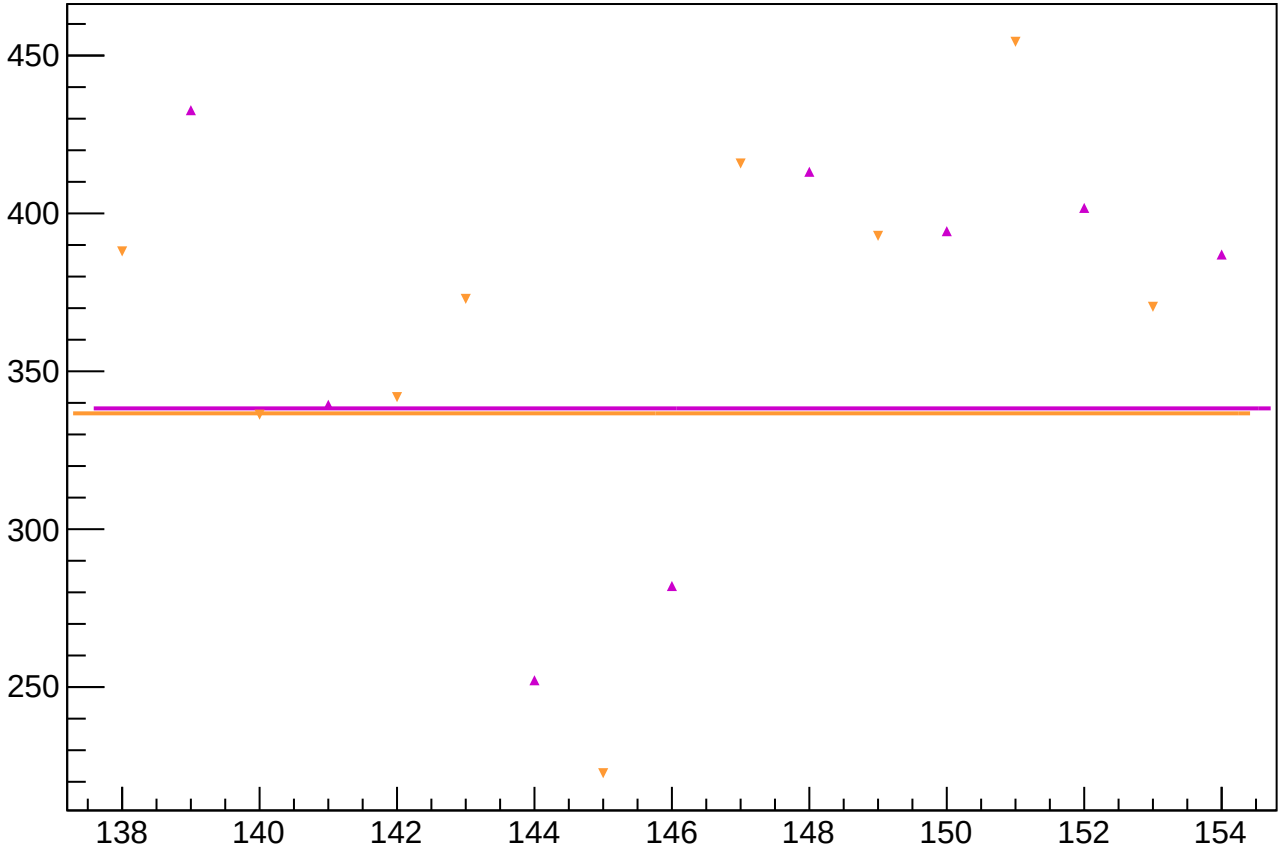
Left In: 195.571+/-134.333 χ^2/NDF:11.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -97.694+/-95.340 χ^2/NDF: 36.1/16

- 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: 336.685+/-0.096 χ^2/NDF:640220.8/8

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

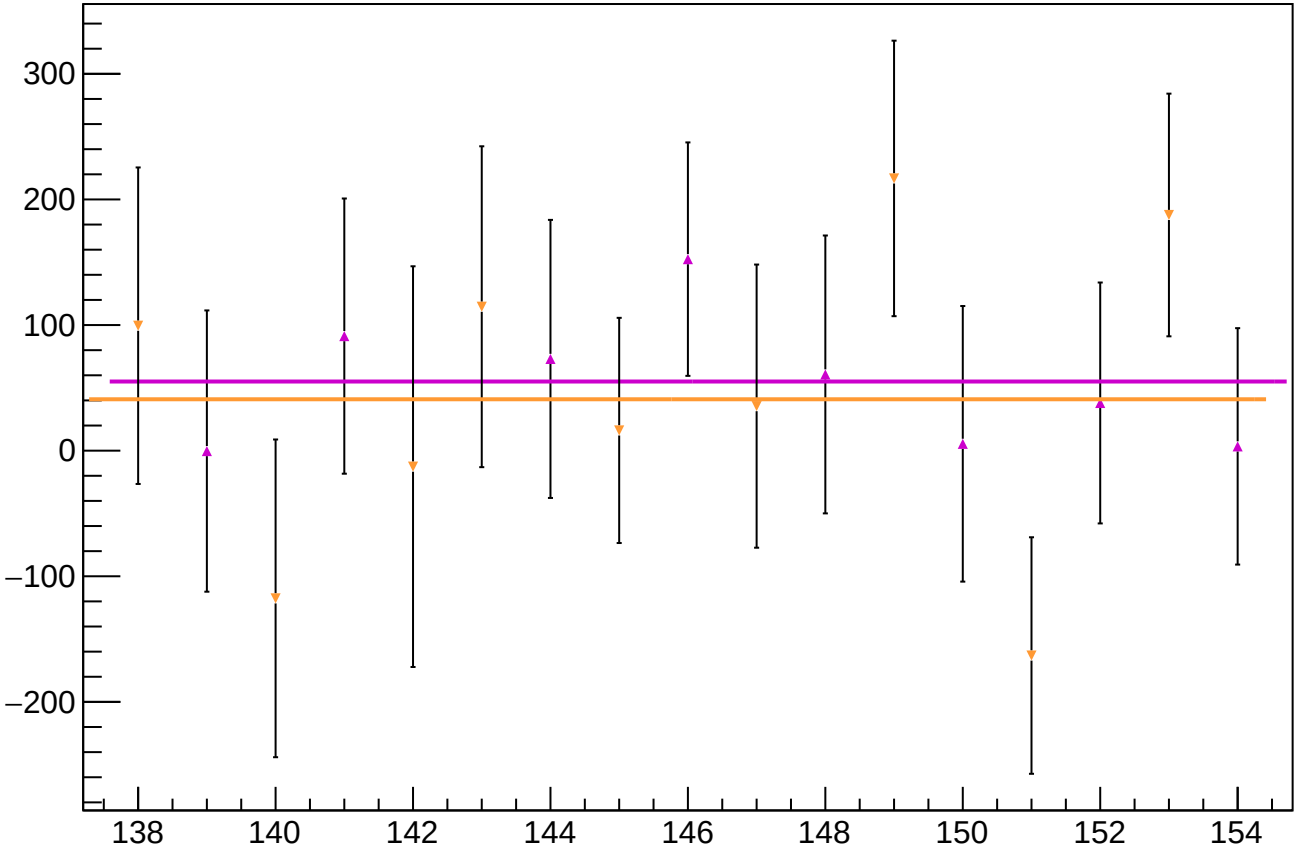
Left In: 338.258+/-0.095 χ^2/NDF:485469.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 337.477+/-0.067 χ^2/NDF: 1125826.3/16

- 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: 40.910+/-36.950 χ^2/NDF:11.9/8

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

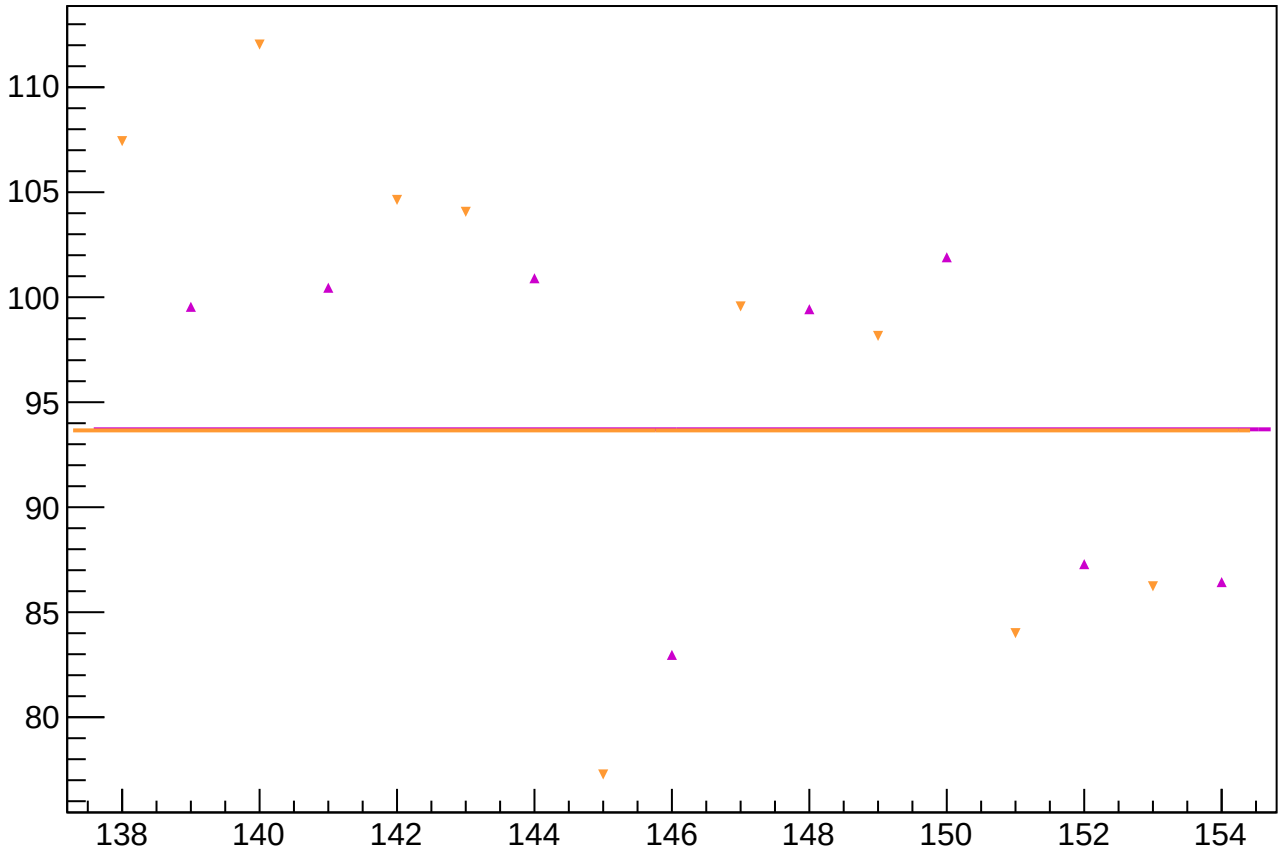
Left In: 55.048+/-36.588 χ^2/NDF:2.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 48.049+/-25.999 χ^2/NDF: 14.0/16

- 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: 93.658+/-0.026 χ^2/NDF:197394.8/8

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

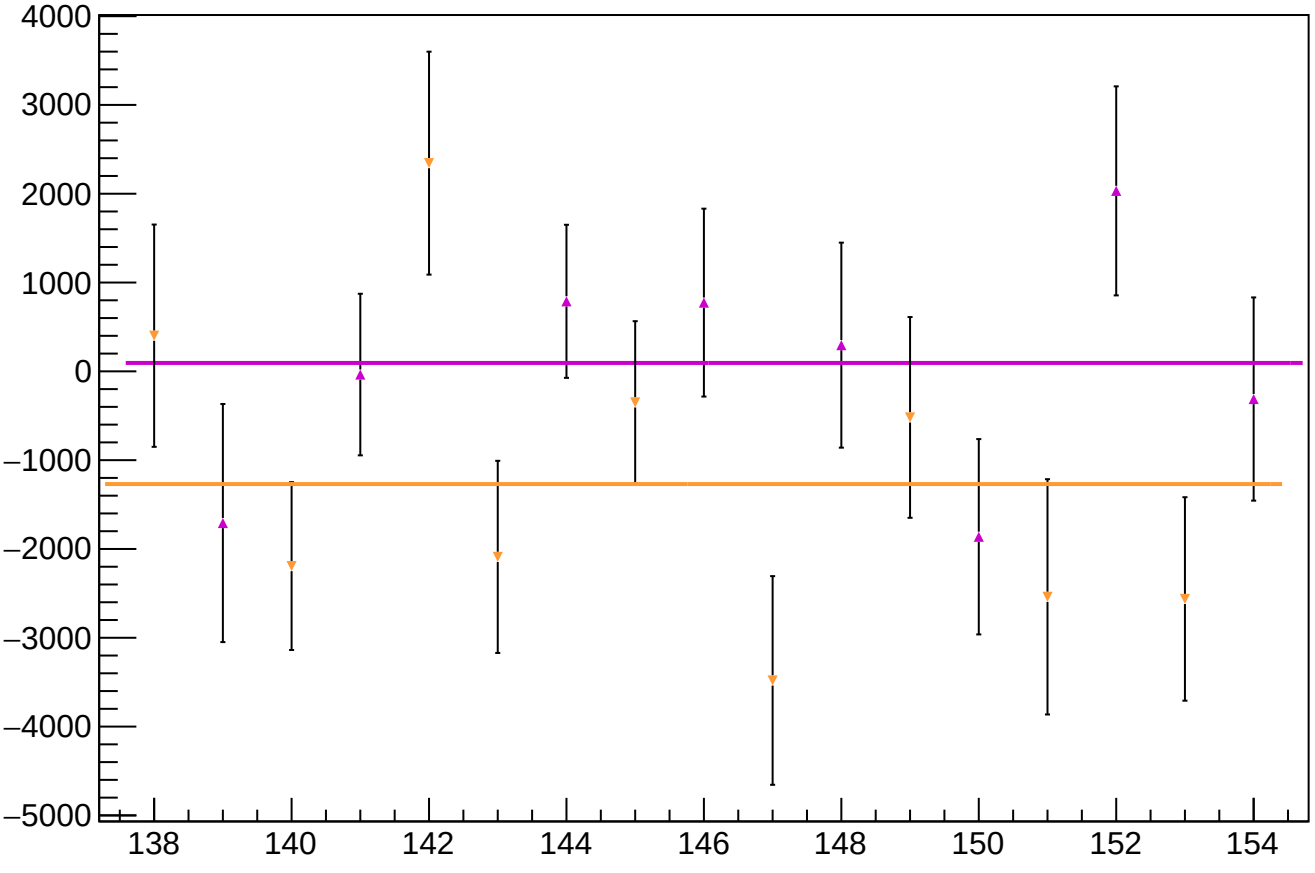
Left In: 93.709+/-0.026 χ^2/NDF:85601.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 93.684+/-0.018 χ^2/NDF: 282998.1/16

- 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: -1269.186+/-370.545 χ^2/NDF:18.8/8

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

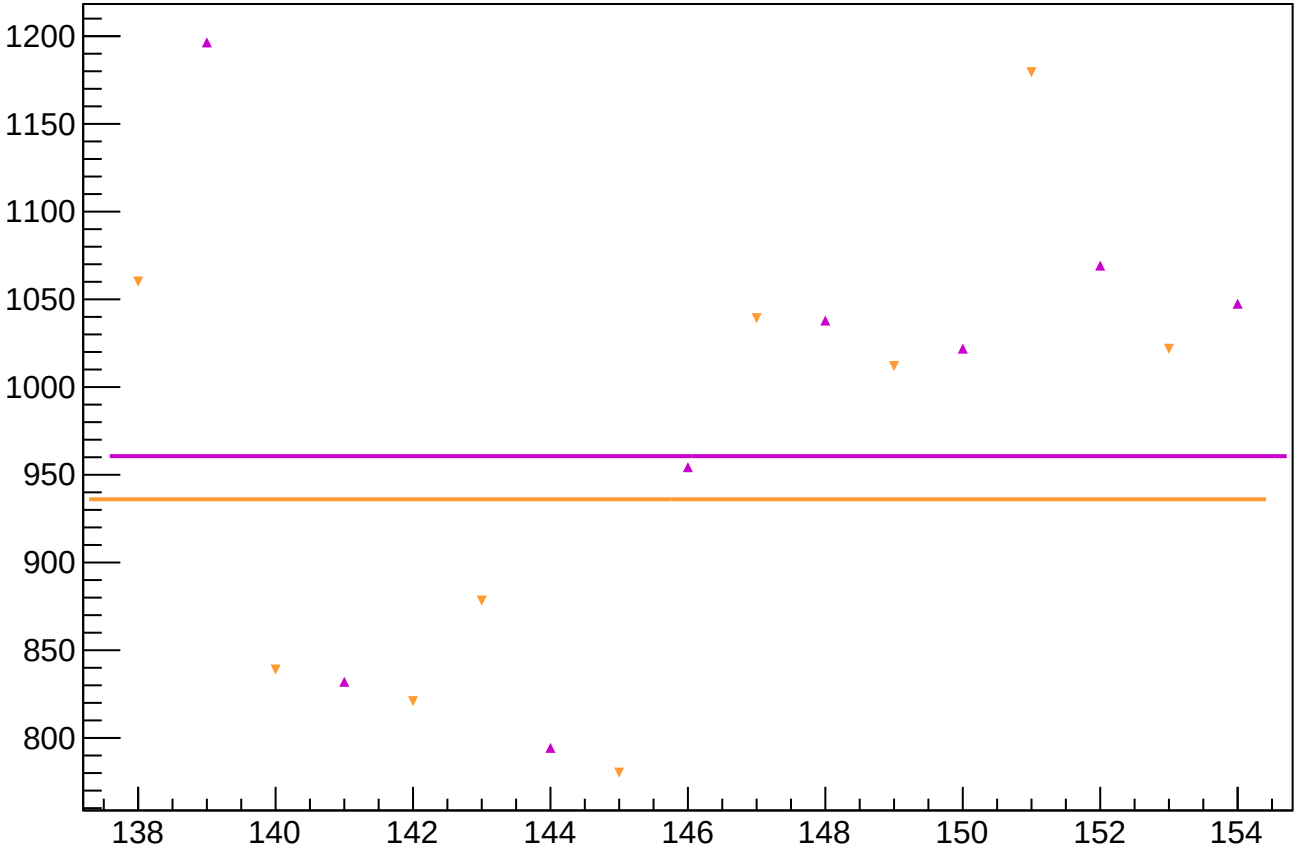
Left In: 94.663+/-376.142 χ^2/NDF:8.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -597.484+/-263.972 χ^2/NDF: 34.4/16

- 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: 936.045+/-0.262 χ^2/NDF:224550.3/8

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

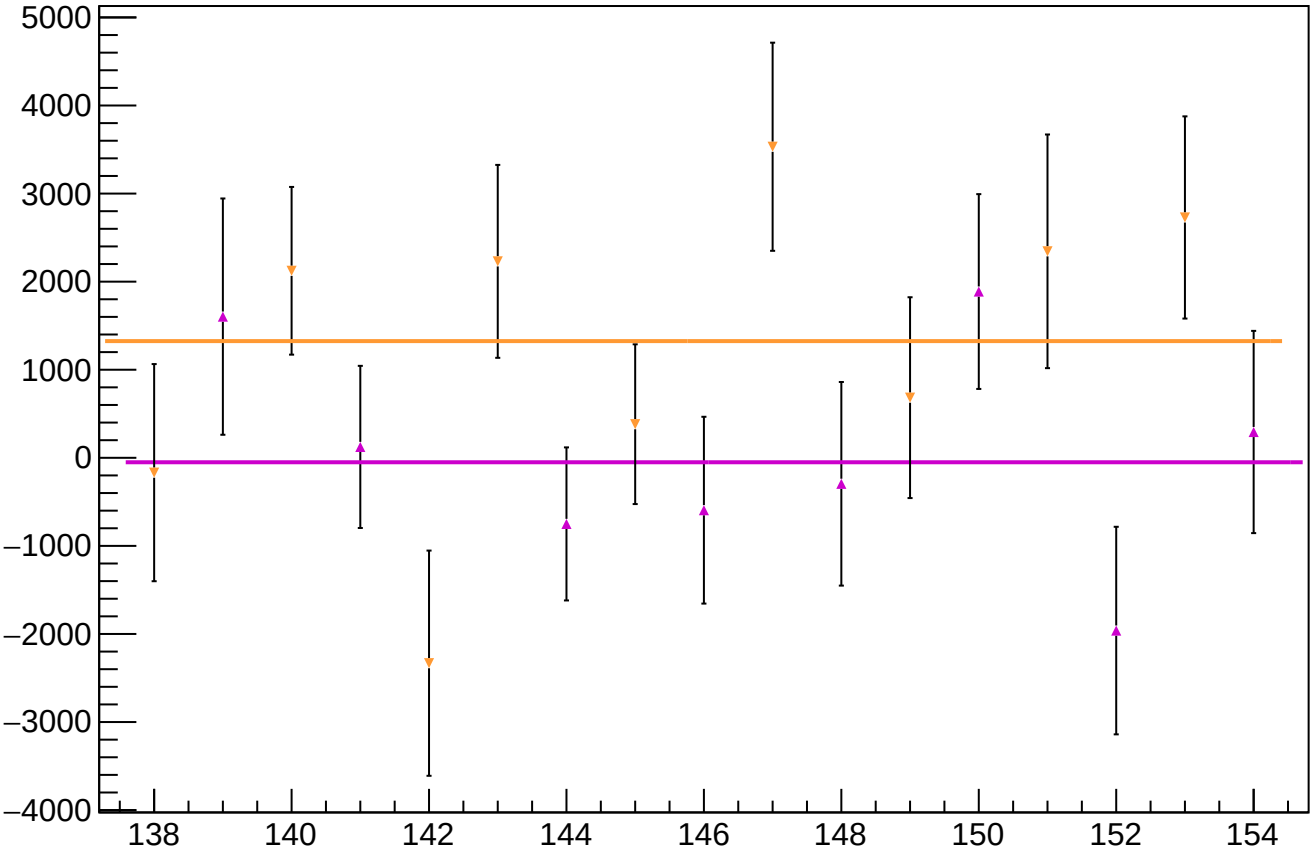
Left In: 960.627+/-0.266 χ^2/NDF:220115.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 948.151+/-0.187 χ^2/NDF: 449000.9/16

- 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: 1325.041+/-371.761 χ^2/NDF:18.0/8

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

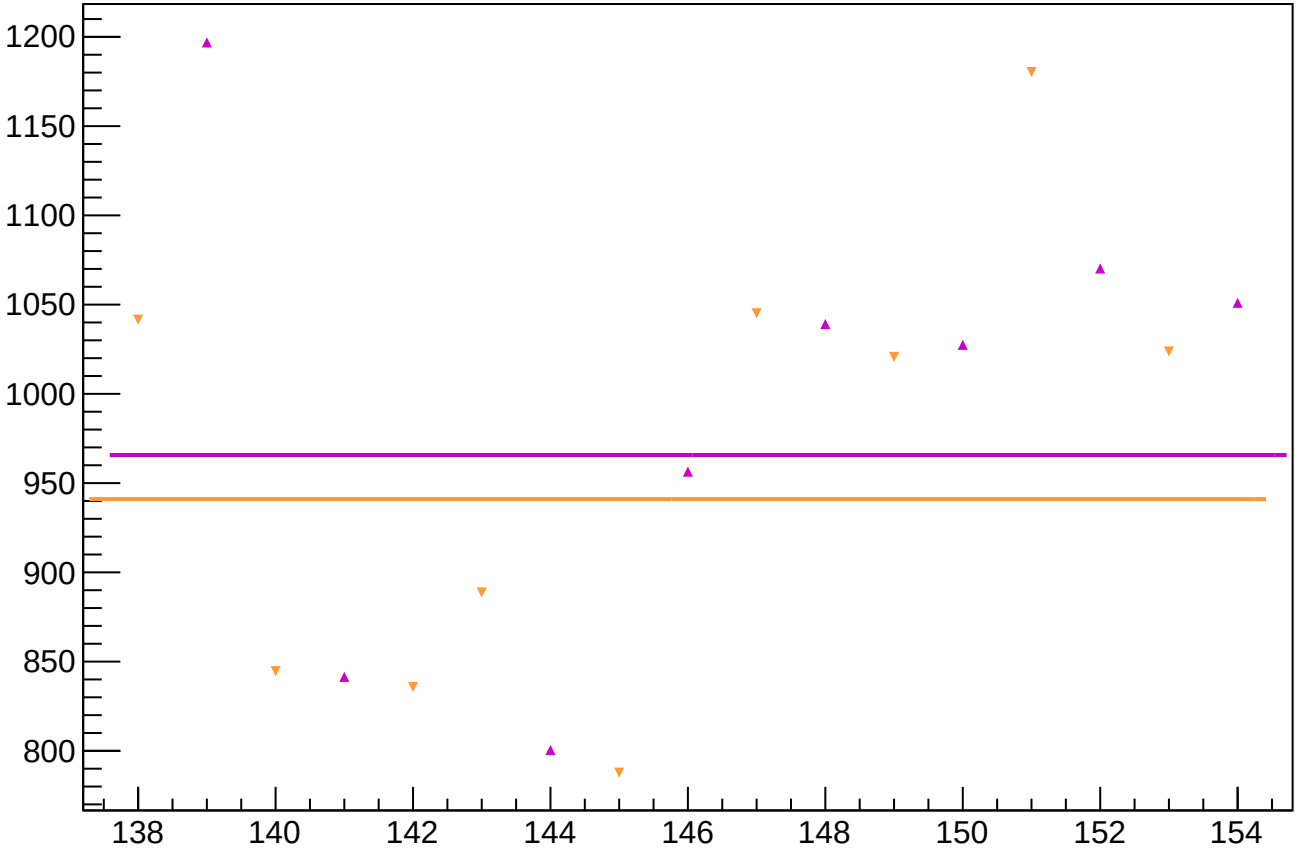
Left In: -50.570+/-378.103 χ^2/NDF:8.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 648.868+/-265.088 χ^2/NDF: 33.0/16

- 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: 941.050+/-0.263 χ^2/NDF:209770.7/8

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

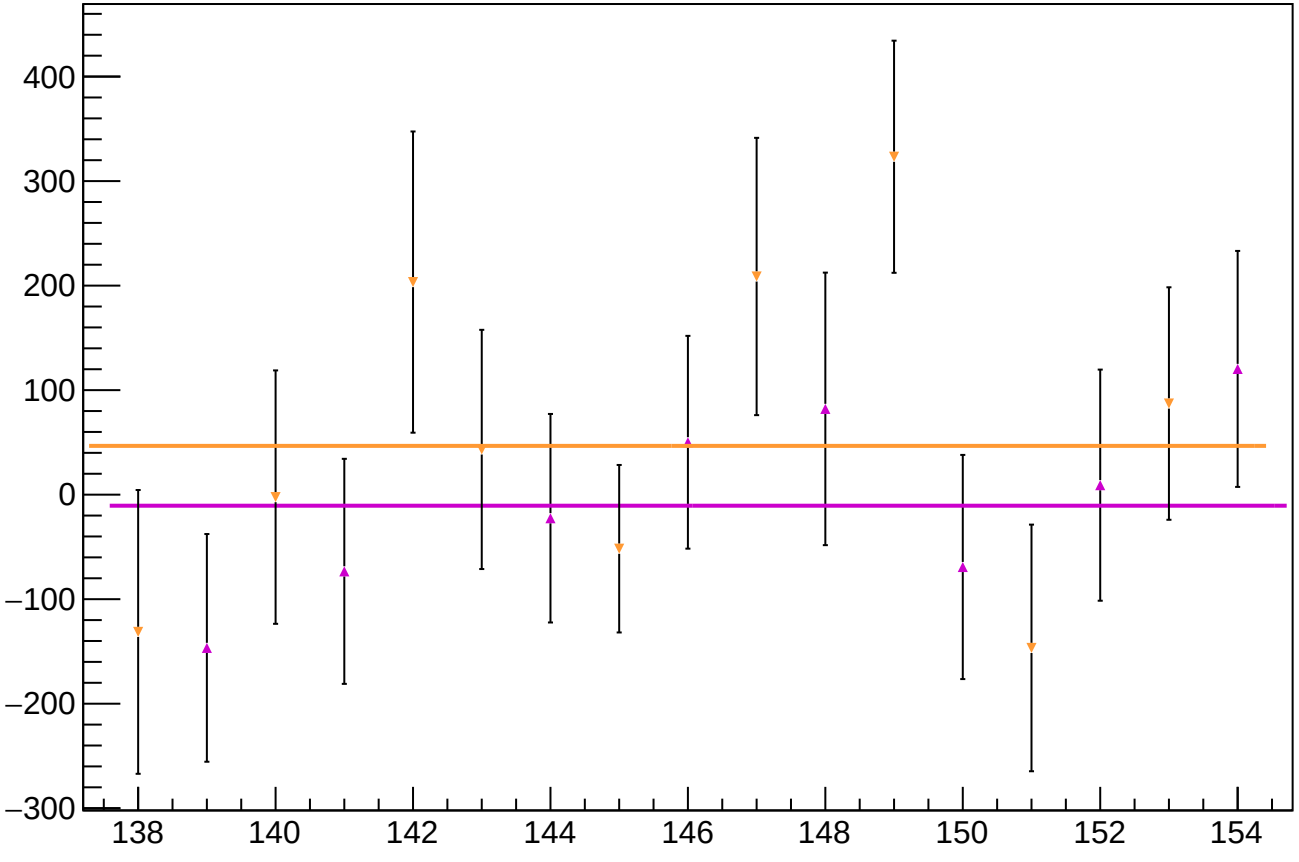
Left In: 965.751+/-0.267 χ^2/NDF:209418.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 953.192+/-0.187 χ^2/NDF: 423529.5/16

- 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: 46.673+/-37.982 χ^2/NDF:15.1/8

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

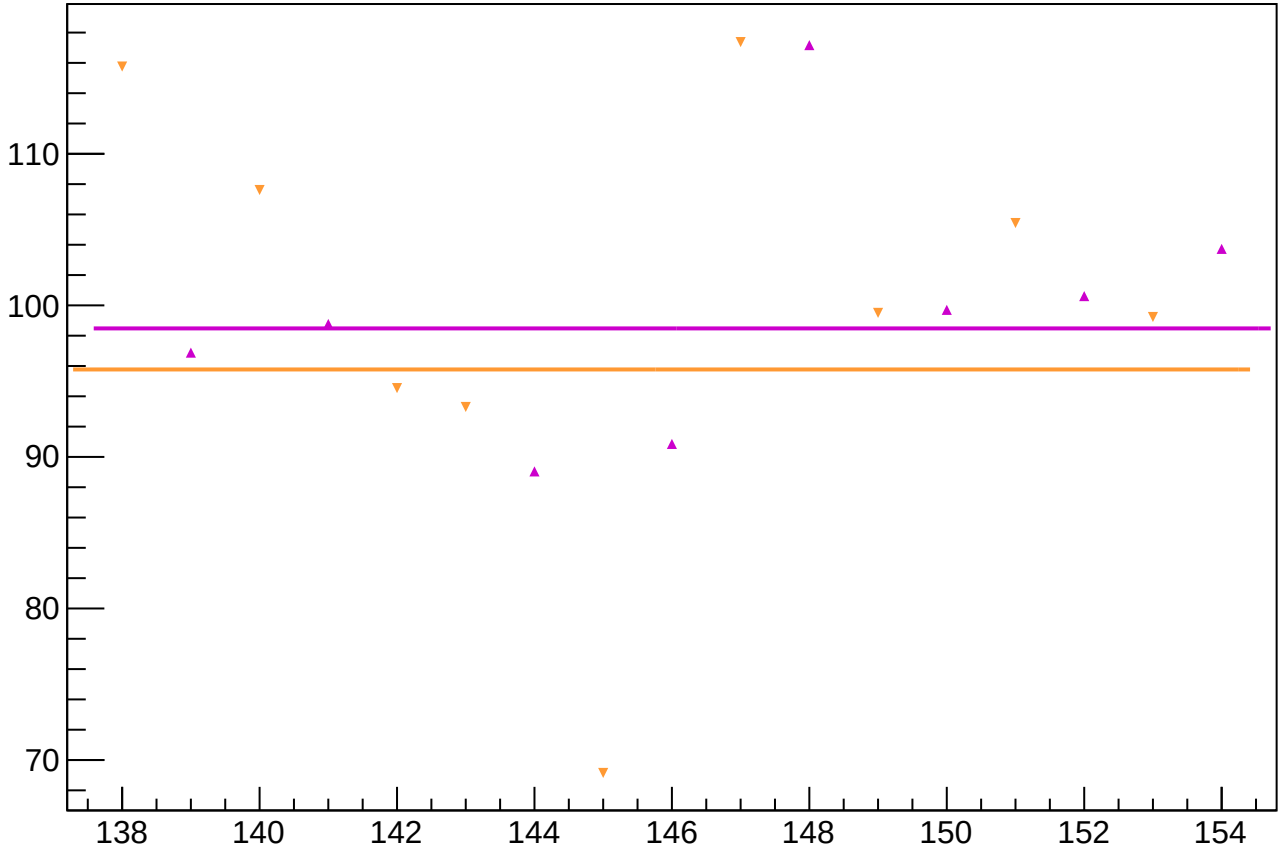
Left In: -10.568+/-38.530 χ^2/NDF:4.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 18.463+/-27.049 χ^2/NDF: 20.7/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 95.771+/-0.027 χ^2/NDF:354941.5/8

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

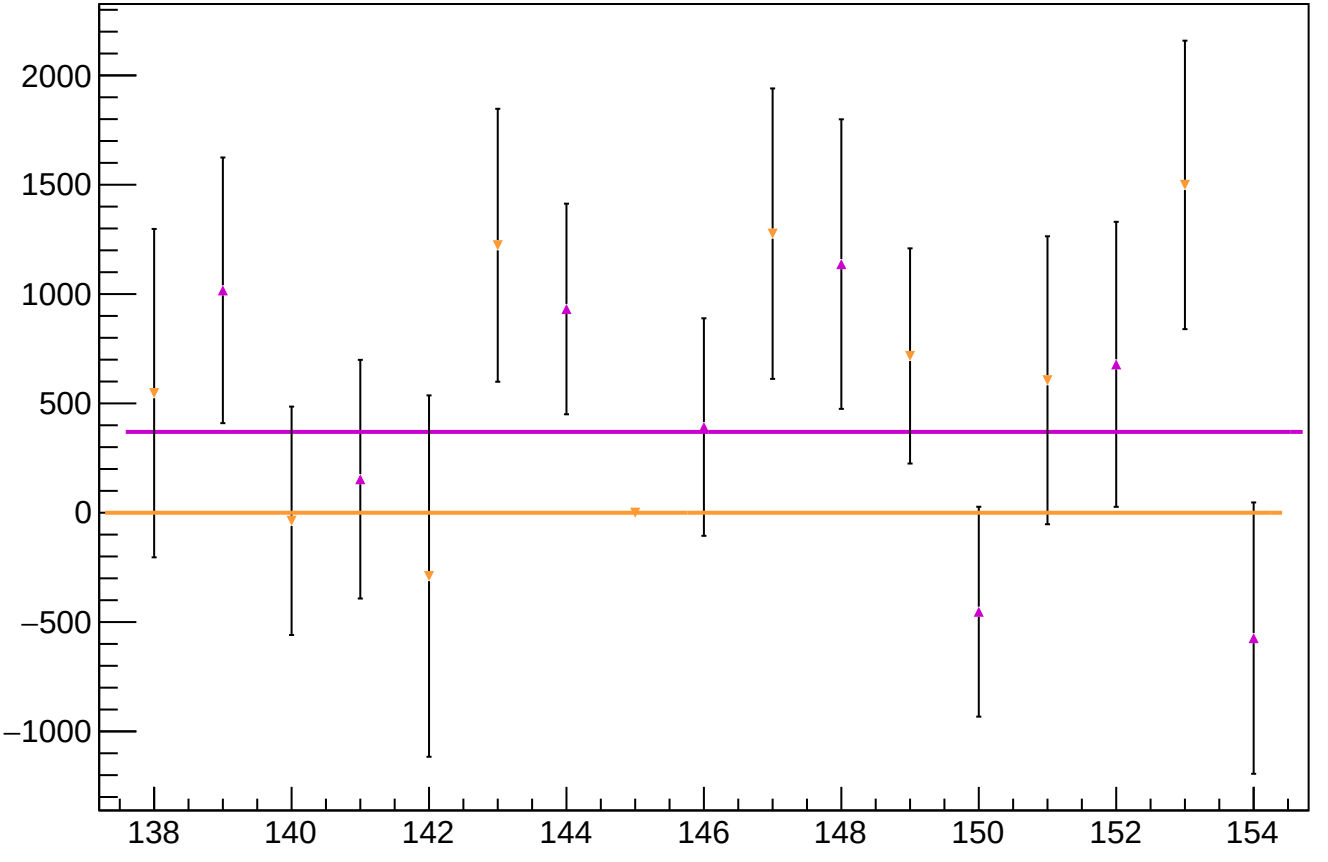
Left In: 98.480+/-0.027 χ^2/NDF:75990.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 97.106+/-0.019 χ^2/NDF: 435943.8/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_correction_mean vs Slug



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

Left Out: -0.000+/-0.000 χ^2/NDF:16.3/8

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

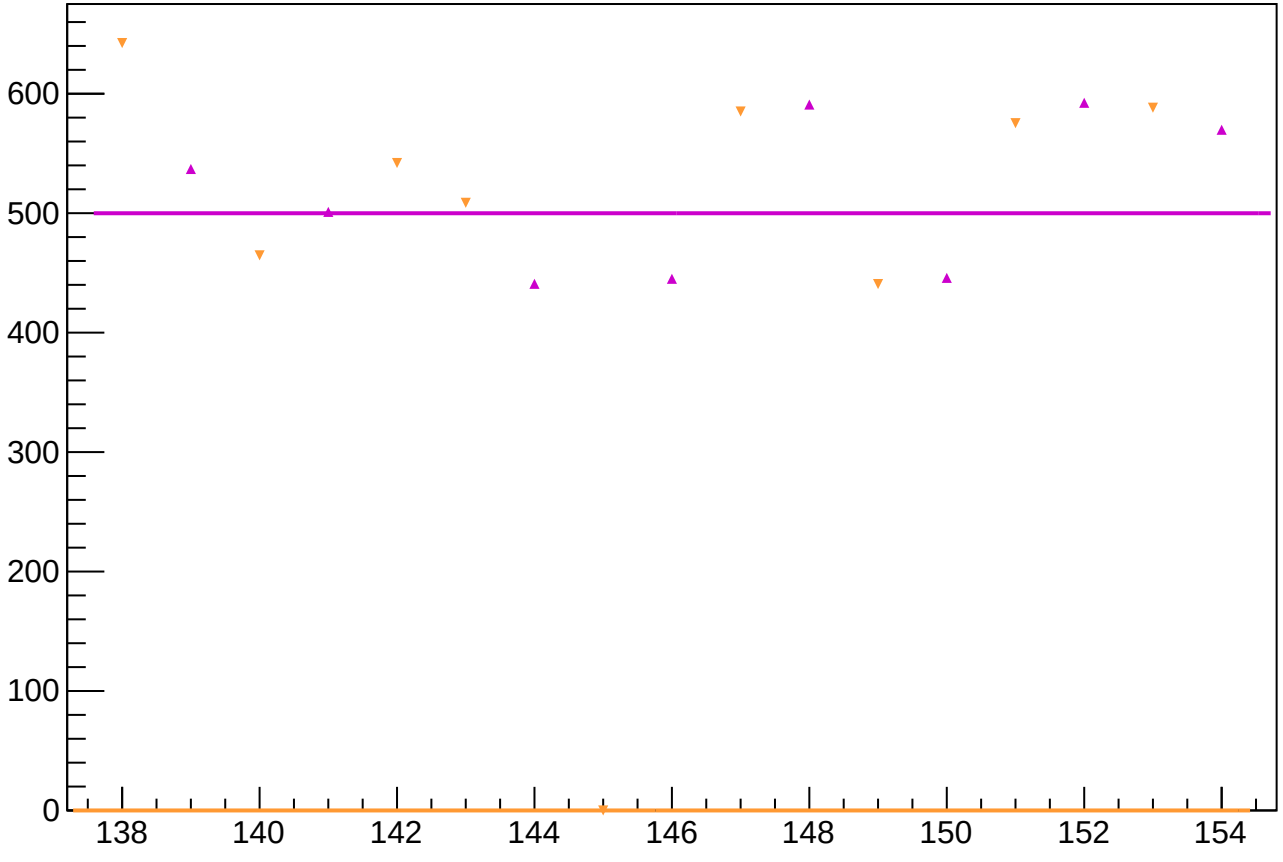
Left In: 369.638+/-196.135 χ^2/NDF:9.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.000+/-0.000 χ^2/NDF: 29.4/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_26_48_dd_correction_rms vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF:11510488.3/8

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

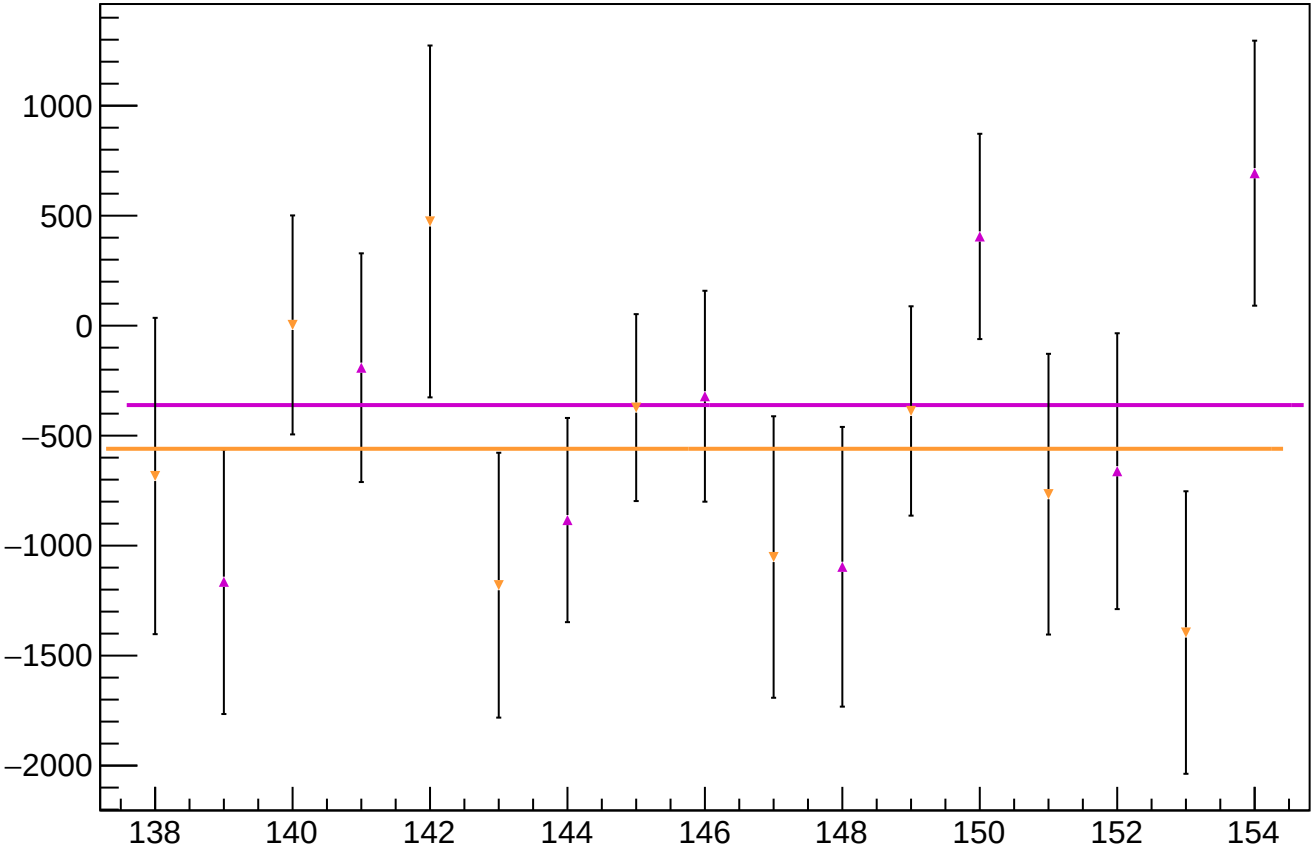
Left In: 499.948+/-0.139 χ^2/NDF:190683.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.000+/-0.000 χ^2/NDF: 24696006.7/16

- 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: -559.715+/-190.449 χ^2/NDF:6.8/8

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

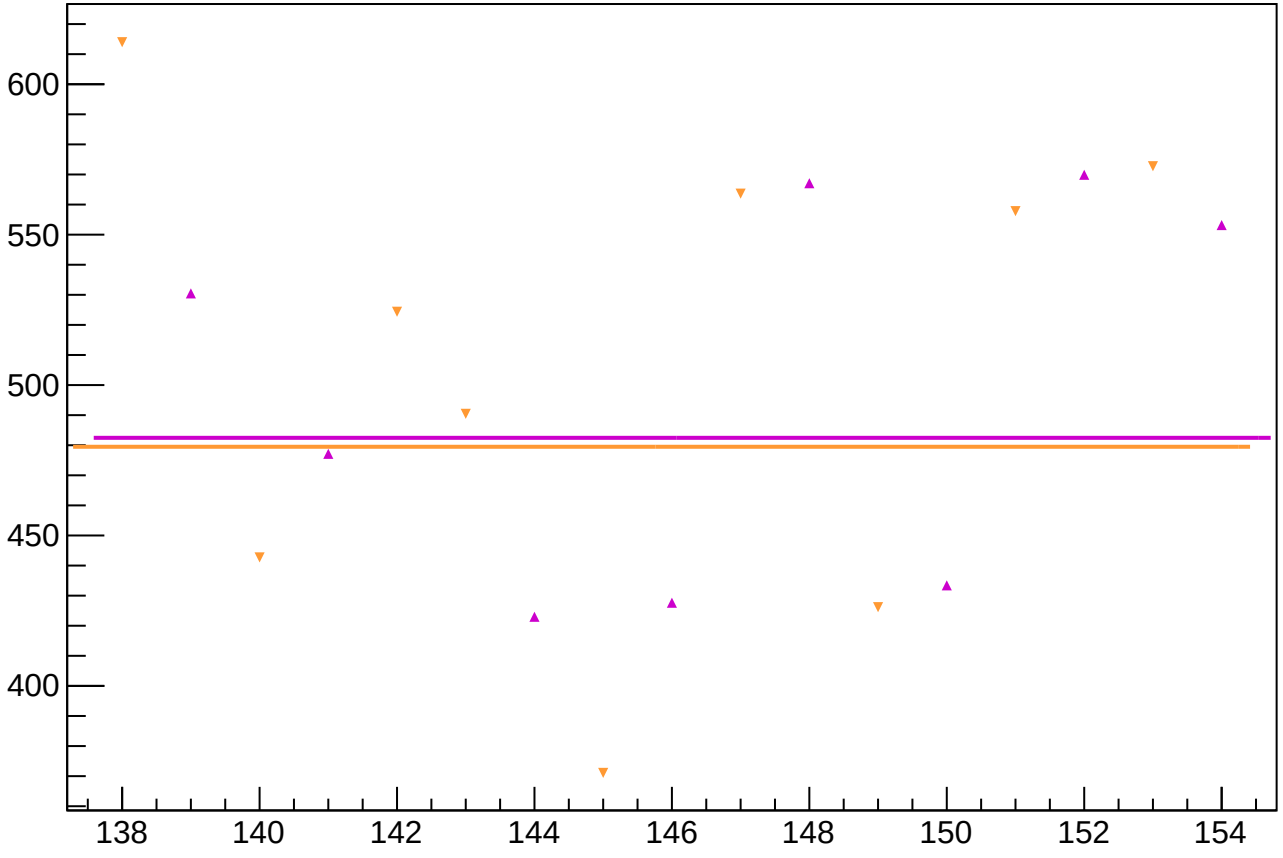
Left In: -361.055+/-189.582 χ^2/NDF:10.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -459.932+/-134.360 χ^2/NDF: 17.8/16

- 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: 479.490+/-0.135 χ^2/NDF:350039.5/8

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

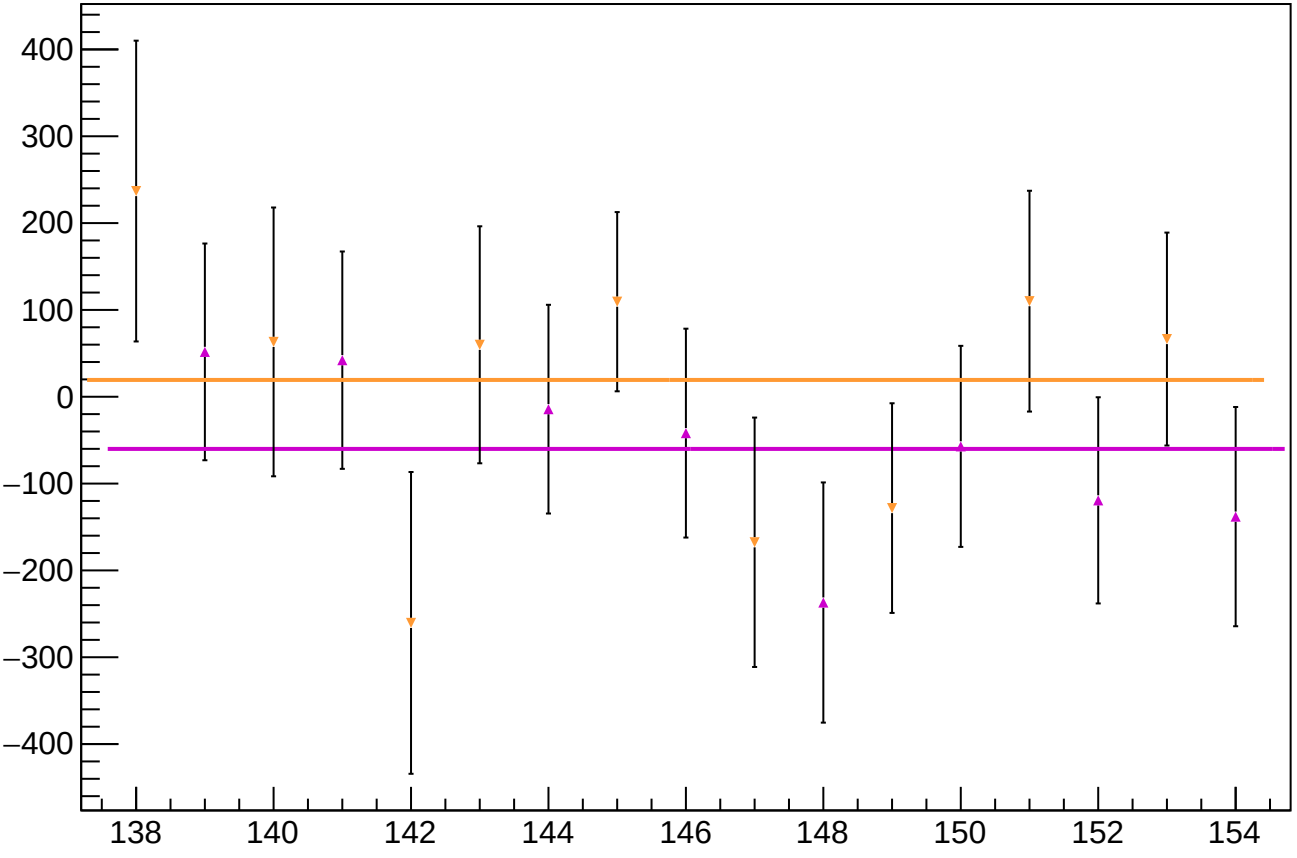
Left In: 482.464+/-0.134 χ^2/NDF:195942.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 480.984+/-0.095 χ^2/NDF: 546227.0/16

- 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: 19.361+/-44.667 χ^2/NDF:8.9/8

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

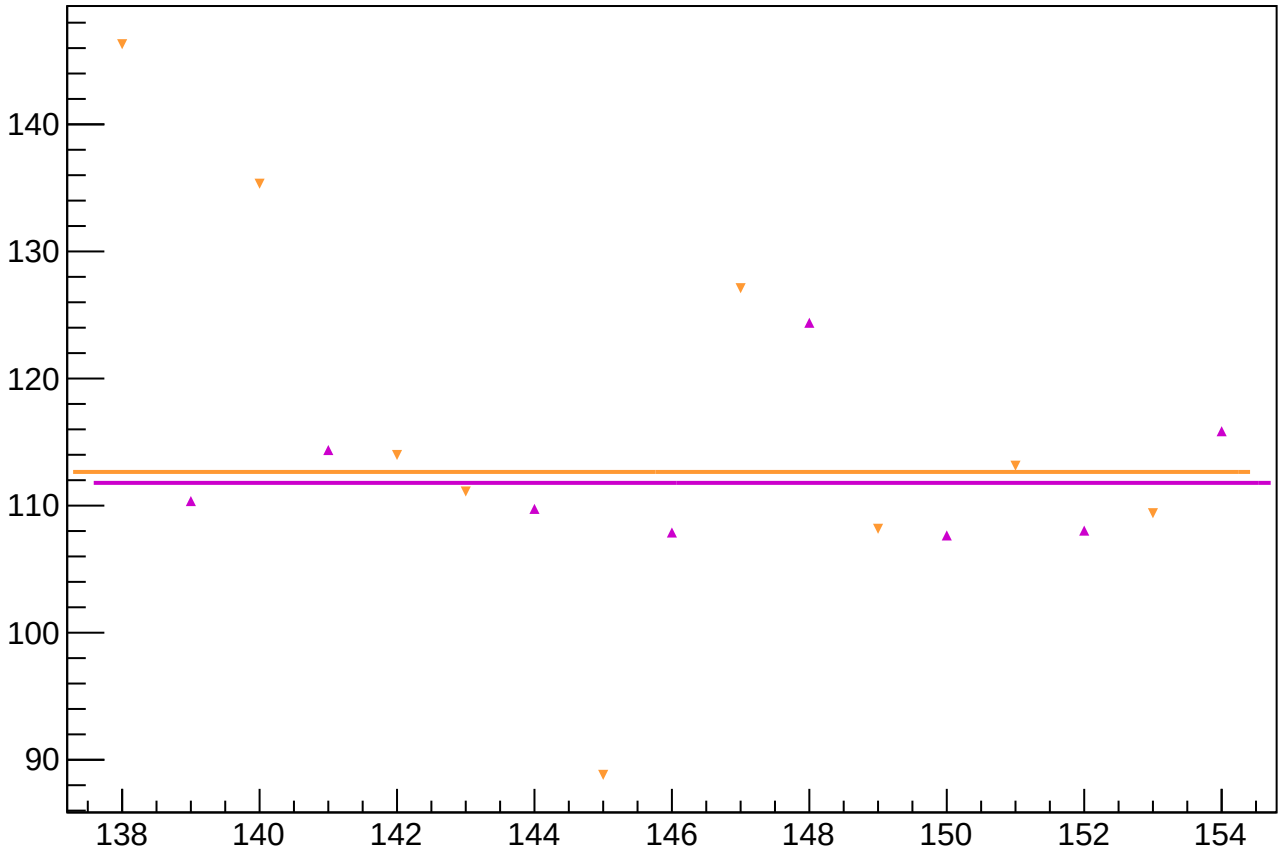
Left In: -60.072+/-43.563 χ^2/NDF:3.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.350+/-31.187 χ^2/NDF: 14.5/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 112.651+/-0.032 χ^2/NDF:249942.7/8

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

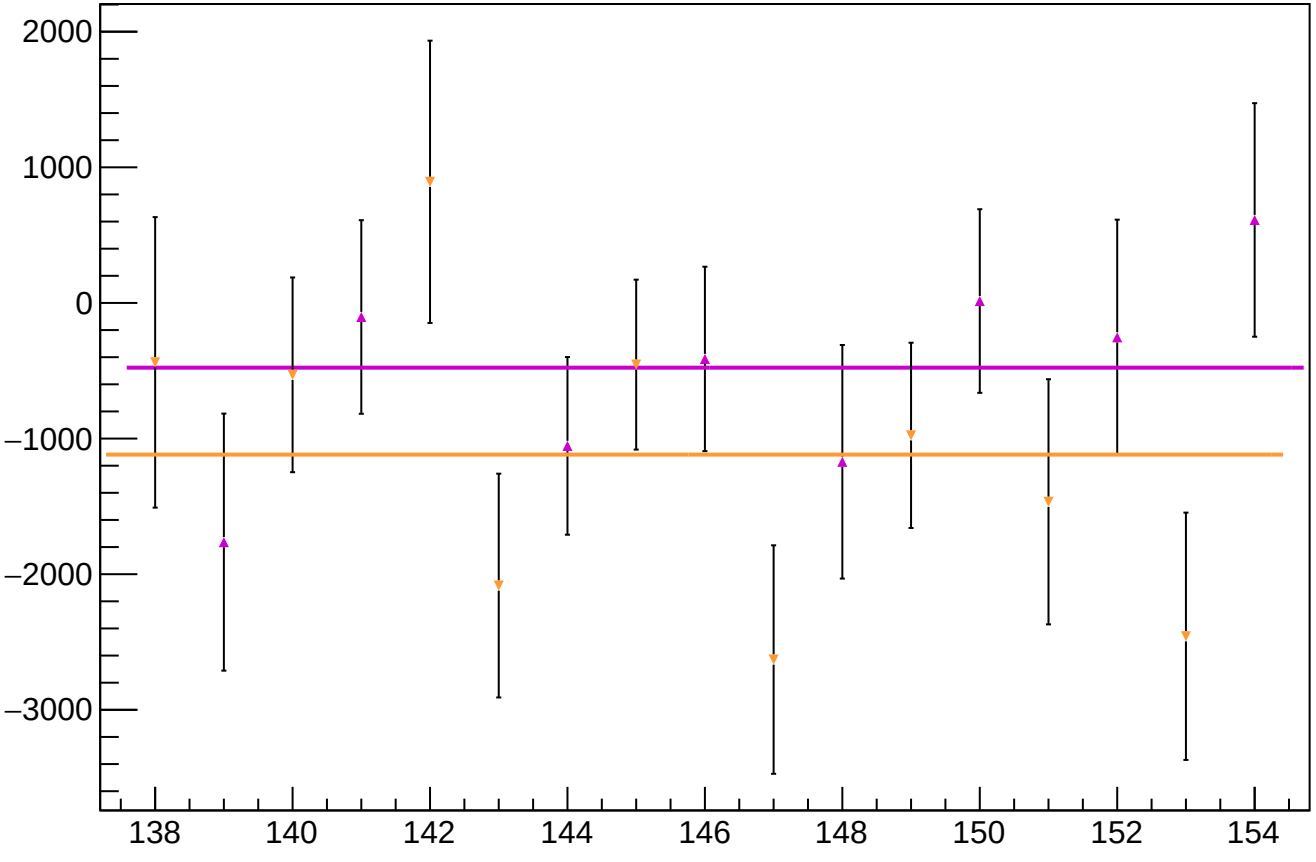
Left In: 111.790+/-0.031 χ^2/NDF:27024.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 112.209+/-0.022 χ^2/NDF: 277348.2/16

- 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: -1118.255+/-269.853 χ^2/NDF:12.9/8

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

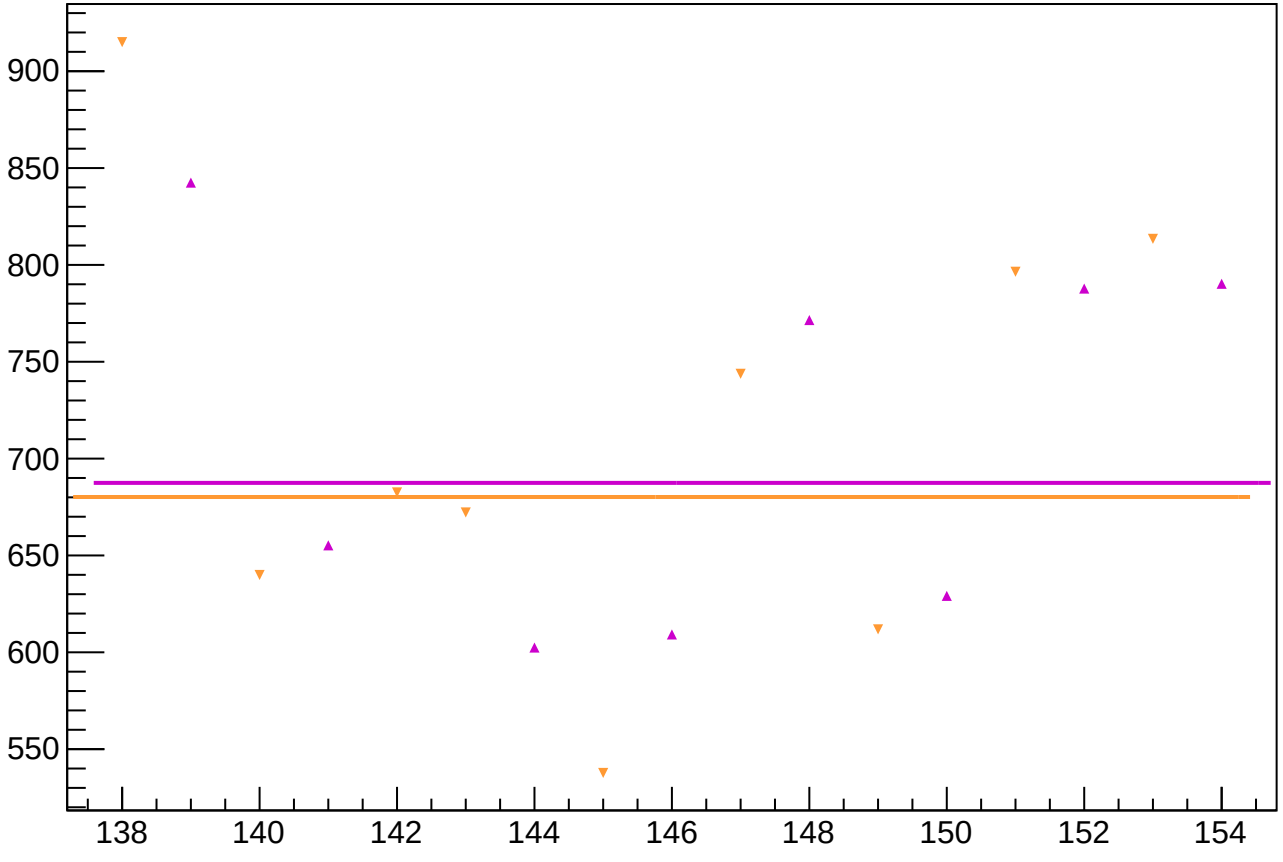
Left In: -477.227+/-269.375 χ^2/NDF:5.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -797.172+/-190.646 χ^2/NDF: 21.4/16

- 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: 680.175+/-0.191 χ^2/NDF:313320.7/8

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

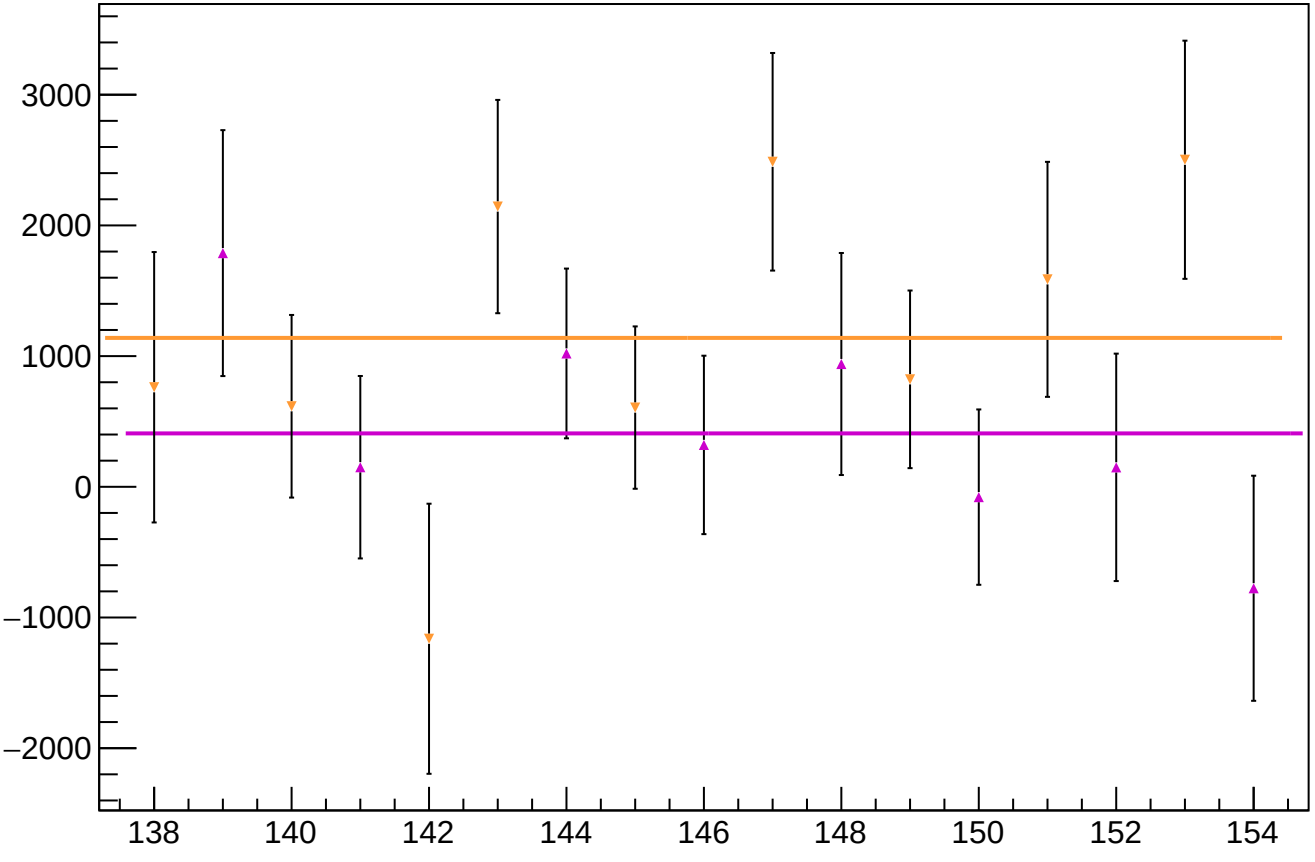
Left In: 687.468+/-0.190 χ^2/NDF:206968.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 683.828+/-0.135 χ^2/NDF: 521021.1/16

- 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: 1139.350+/-266.663 χ^2/NDF:13.2/8

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

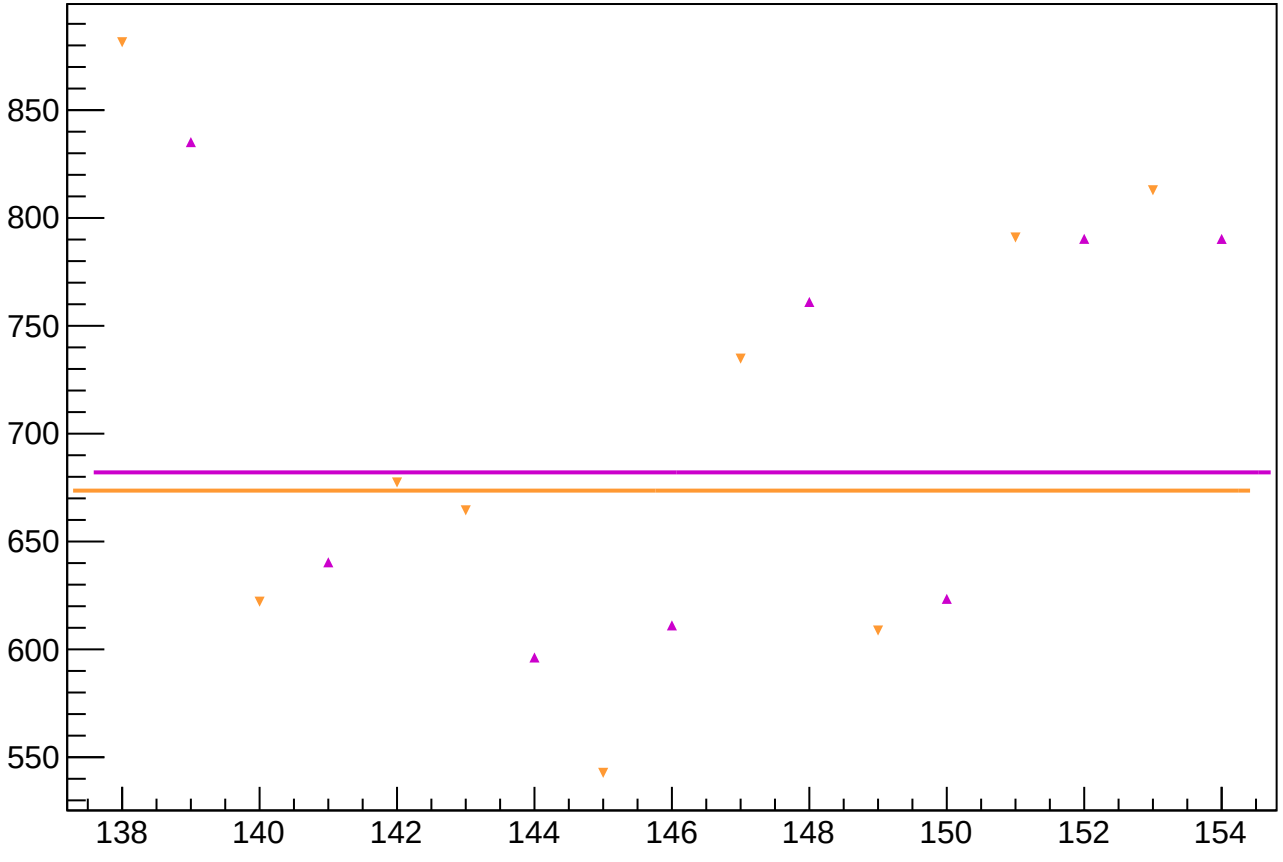
Left In: 408.640+/-267.489 χ^2/NDF:6.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 775.125+/-188.850 χ^2/NDF: 23.1/16

- 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: 673.604+/-0.189 χ^2/NDF:290439.7/8

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

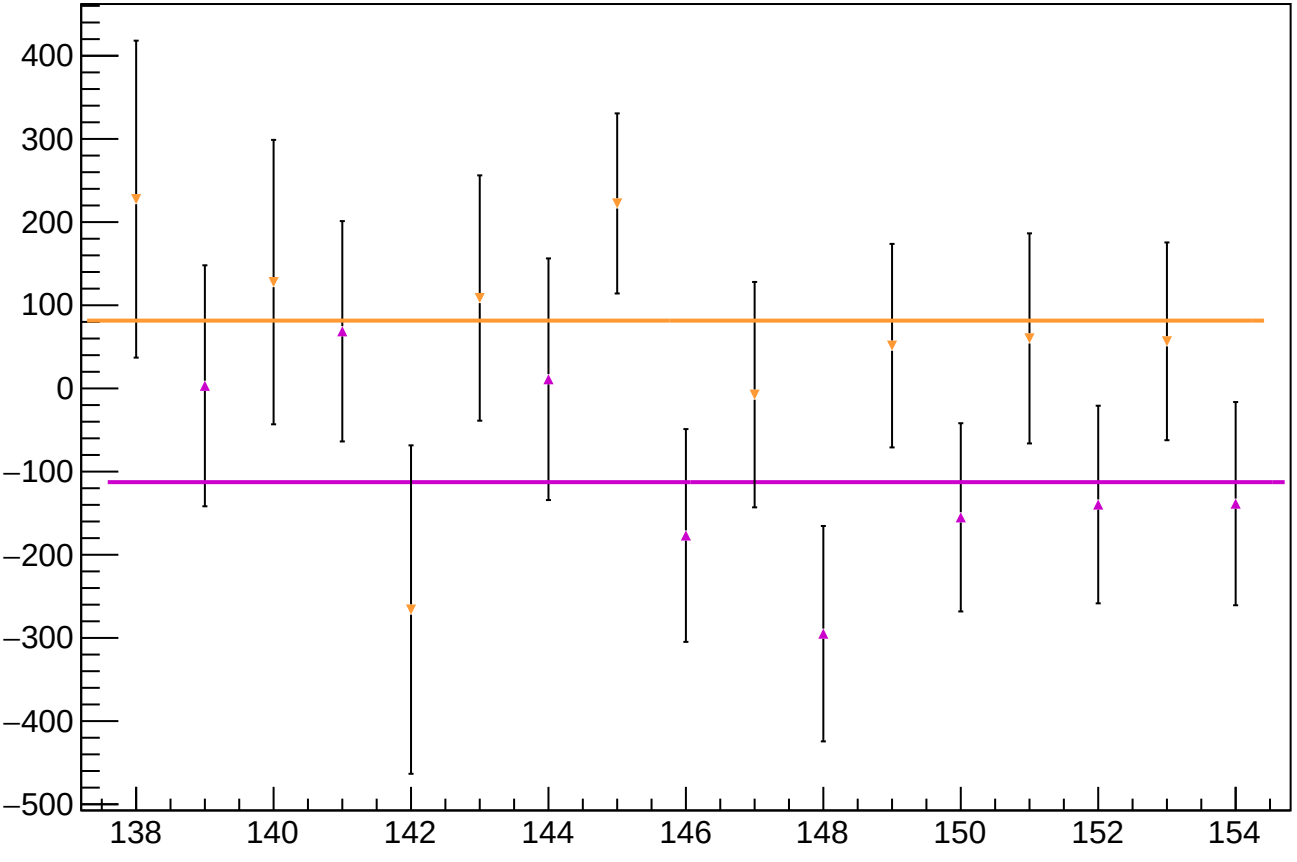
Left In: 682.054+/-0.189 χ^2/NDF:211764.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 677.816+/-0.134 χ^2/NDF: 503205.3/16

- 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: 81.552+/-45.963 χ^2/NDF:6.0/8

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

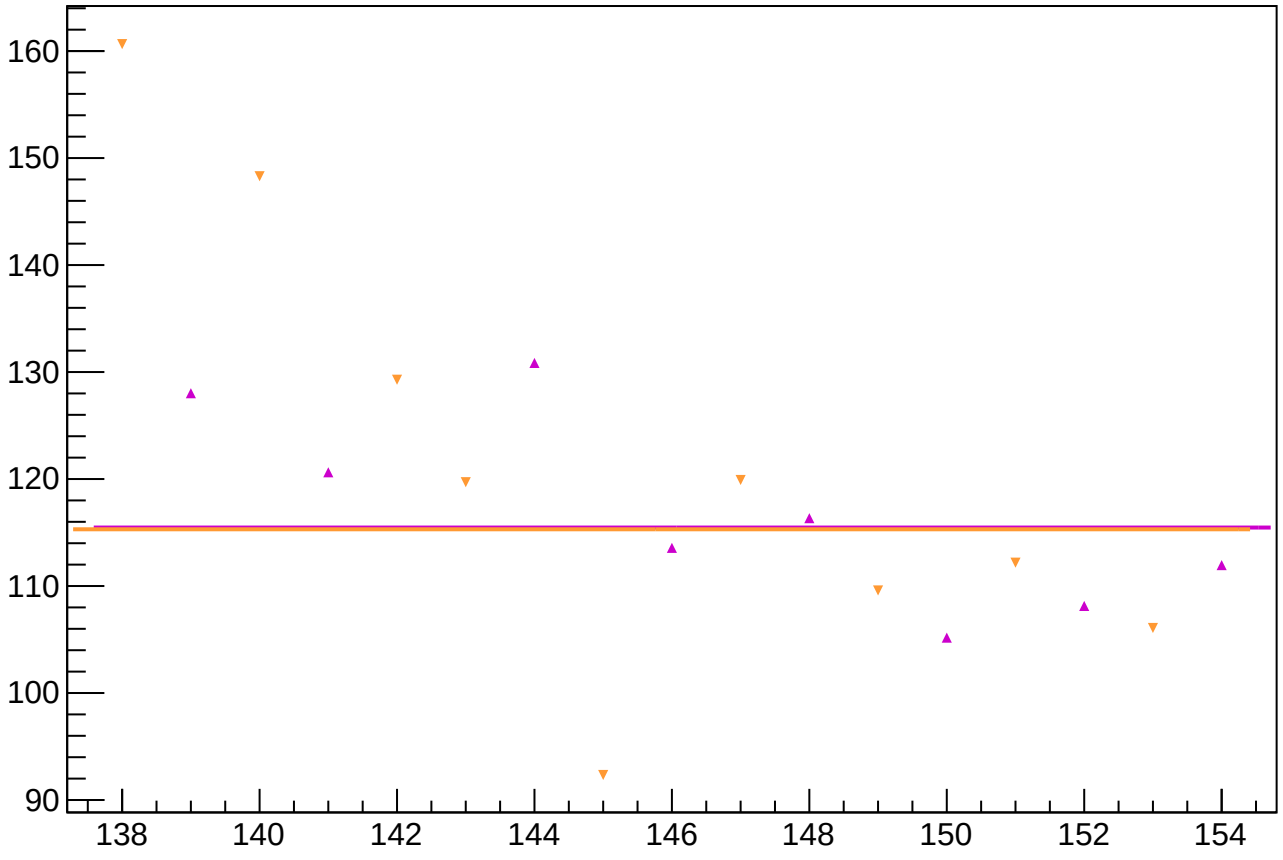
Left In: -112.692+/-45.239 χ^2/NDF:5.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -17.113+/-32.242 χ^2/NDF: 20.8/16

- 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: 115.303+/-0.033 χ^2/NDF:309450.2/8

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

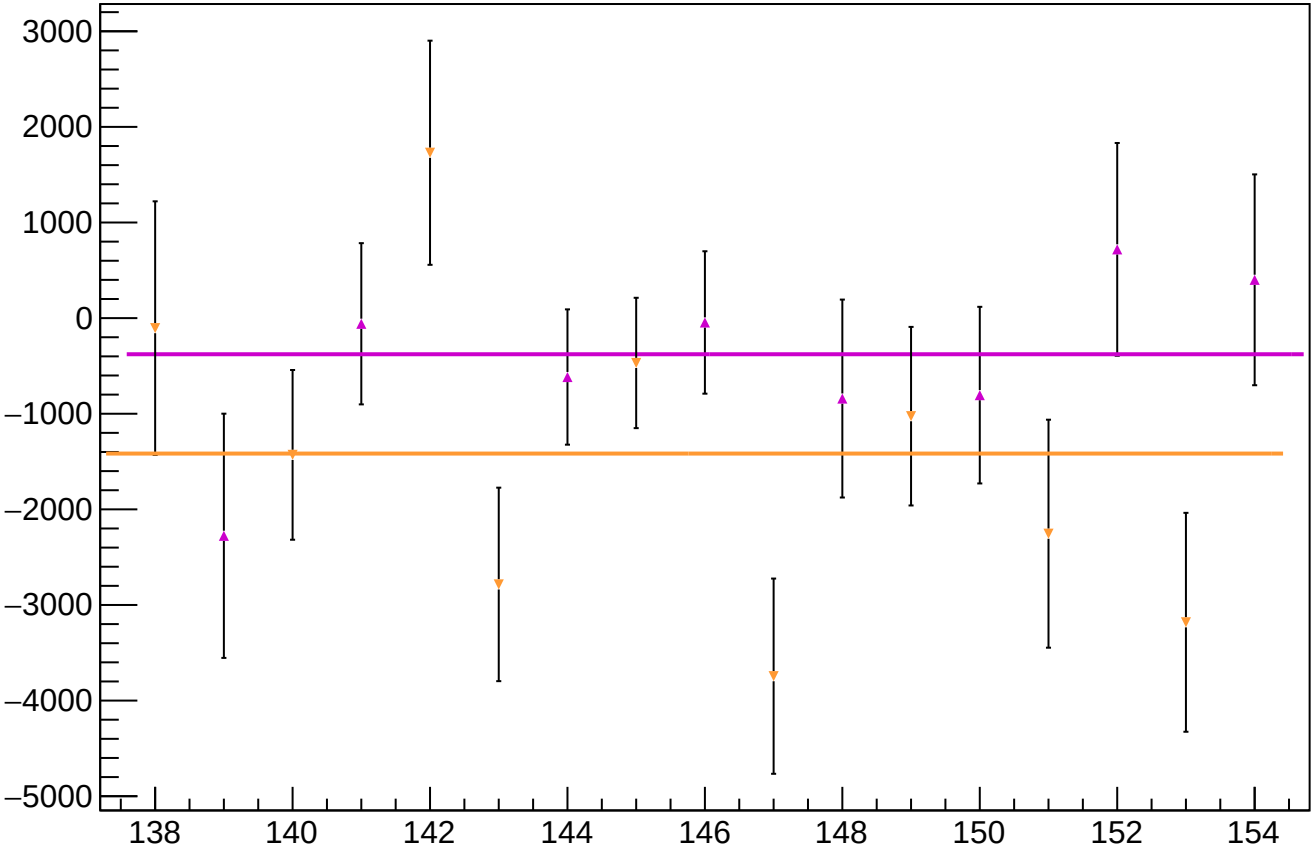
Left In: 115.465+/-0.032 χ^2/NDF:66815.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 115.385+/-0.023 χ^2/NDF: 376278.9/16

- 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: -1416.528+/-328.481 χ^2/NDF:20.2/8

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

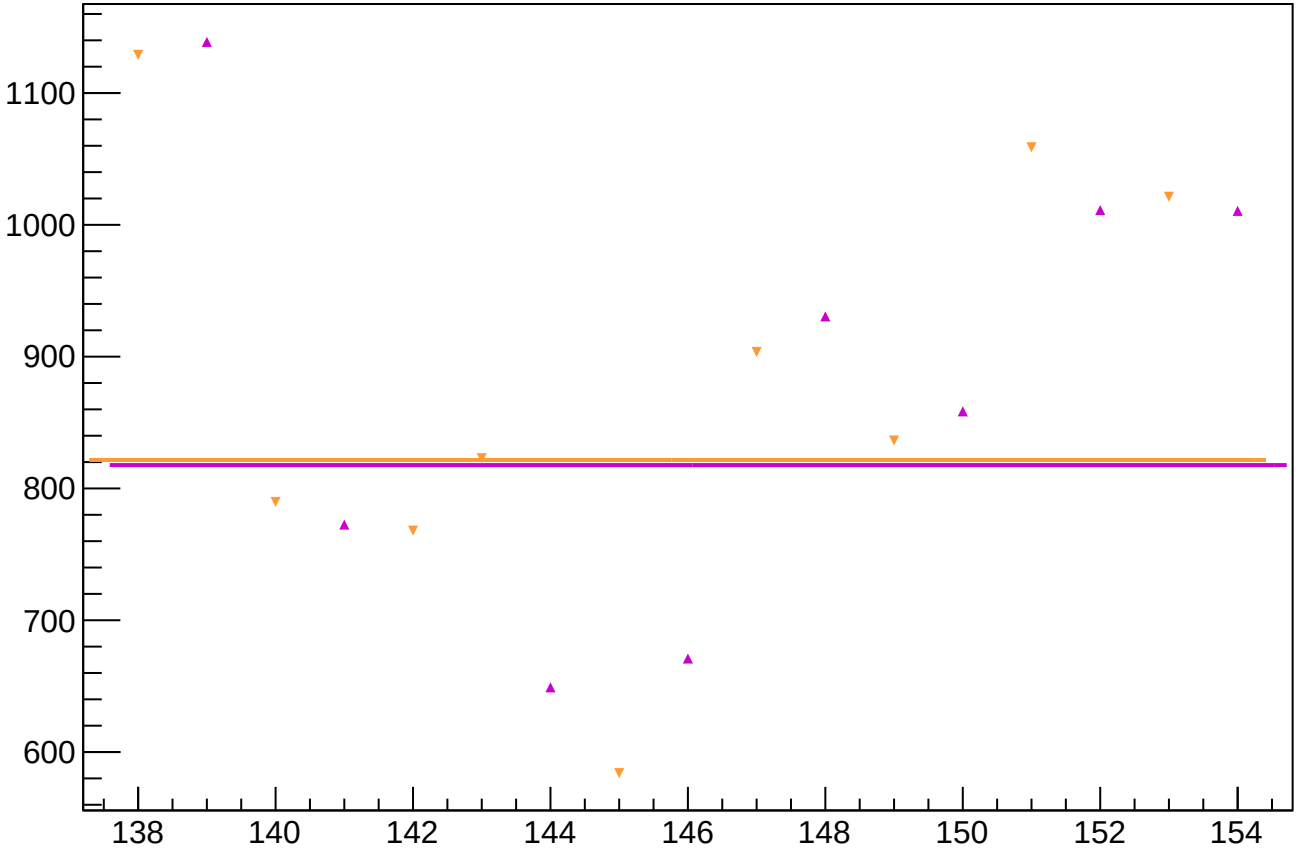
Left In: -377.730+/-323.483 χ^2/NDF:4.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -889.165+/-230.484 χ^2/NDF: 29.8/16

- 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: 821.592+/-0.232 χ^2/NDF:510710.4/8

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

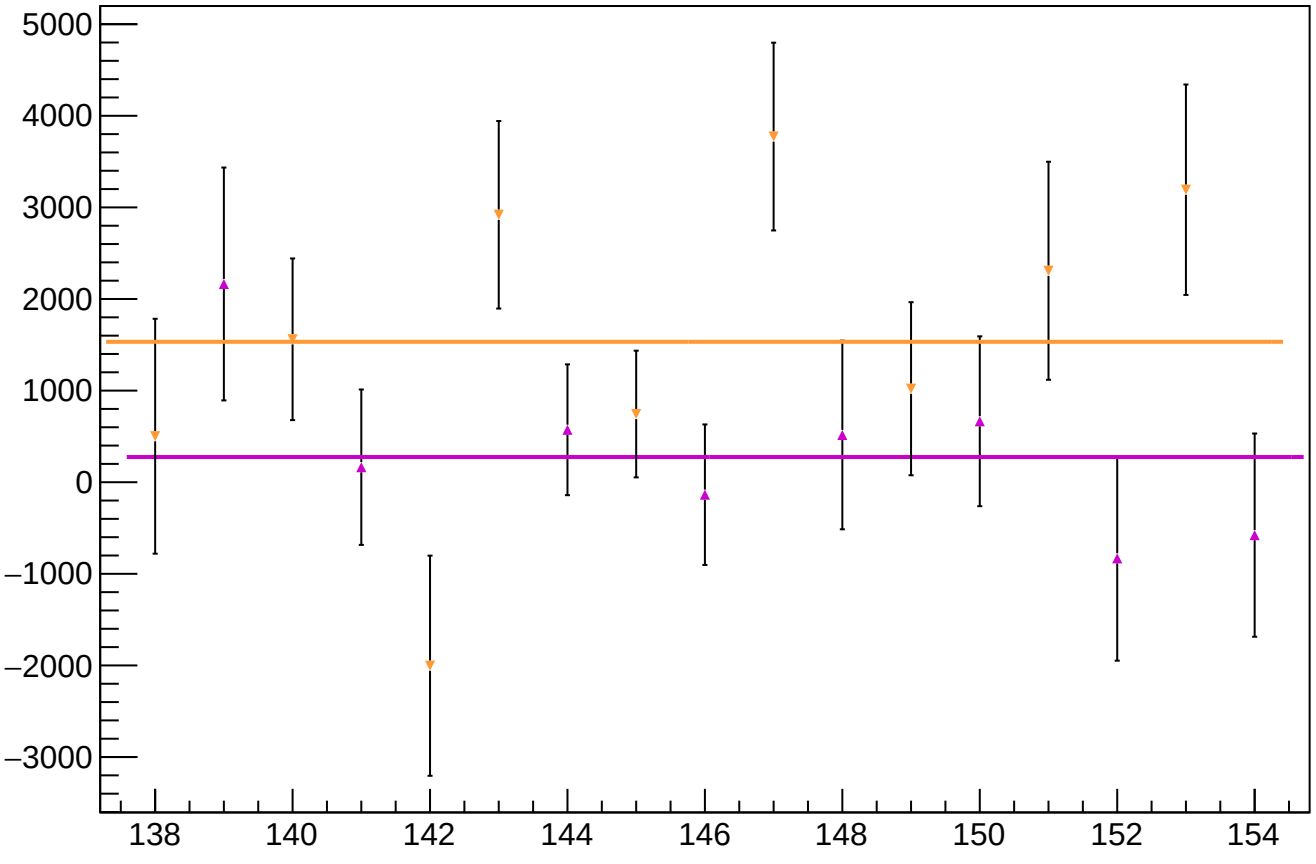
Left In: 817.740+/-0.229 χ^2/NDF:472784.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 819.637+/-0.163 χ^2/NDF: 983634.9/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_mean vs Slug



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

Left Out: 1532.689+/-330.270 χ^2/NDF:20.0/8

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

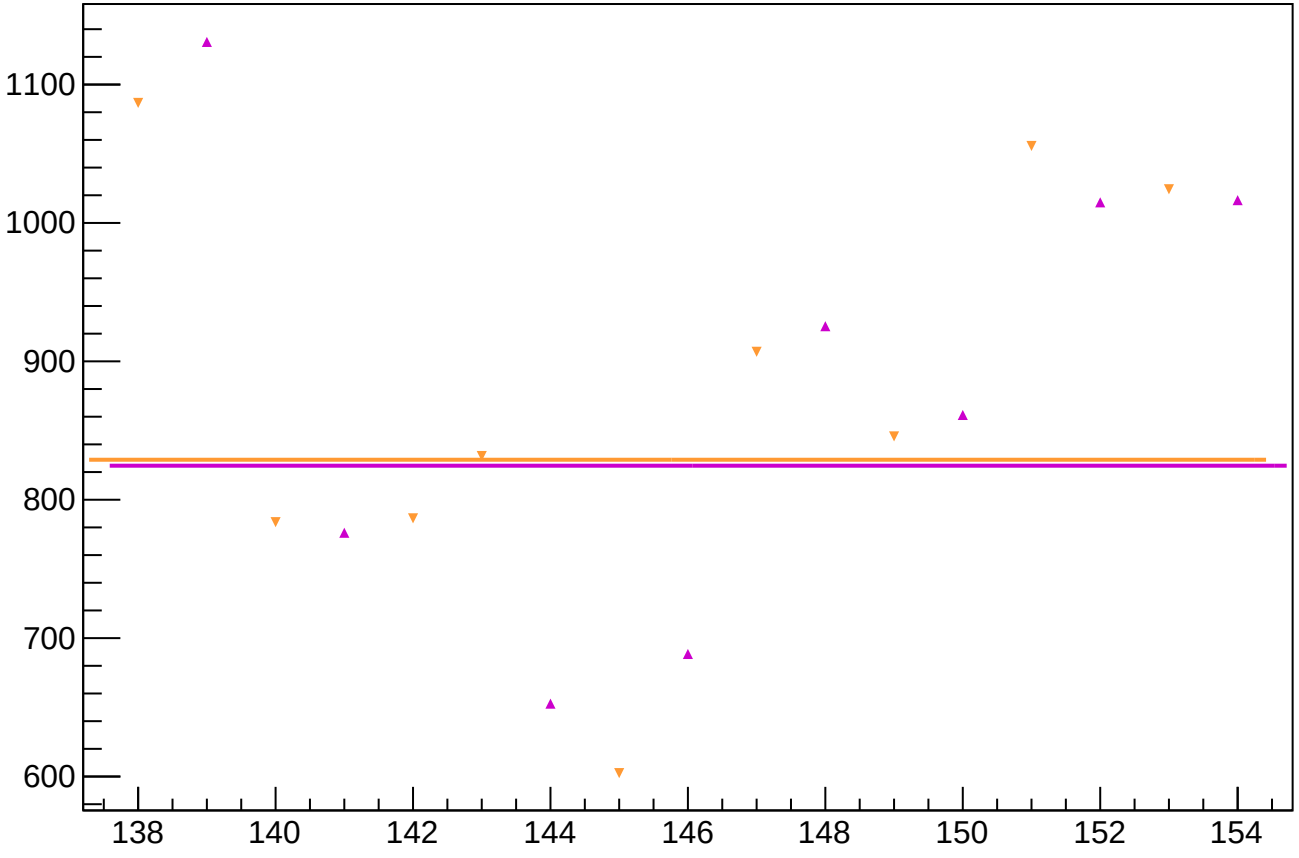
Left In: 275.149+/-326.305 χ^2/NDF:4.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 896.327+/-232.122 χ^2/NDF: 31.9/16

- 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: 828.903+/-0.234 χ^2/NDF:445812.7/8

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

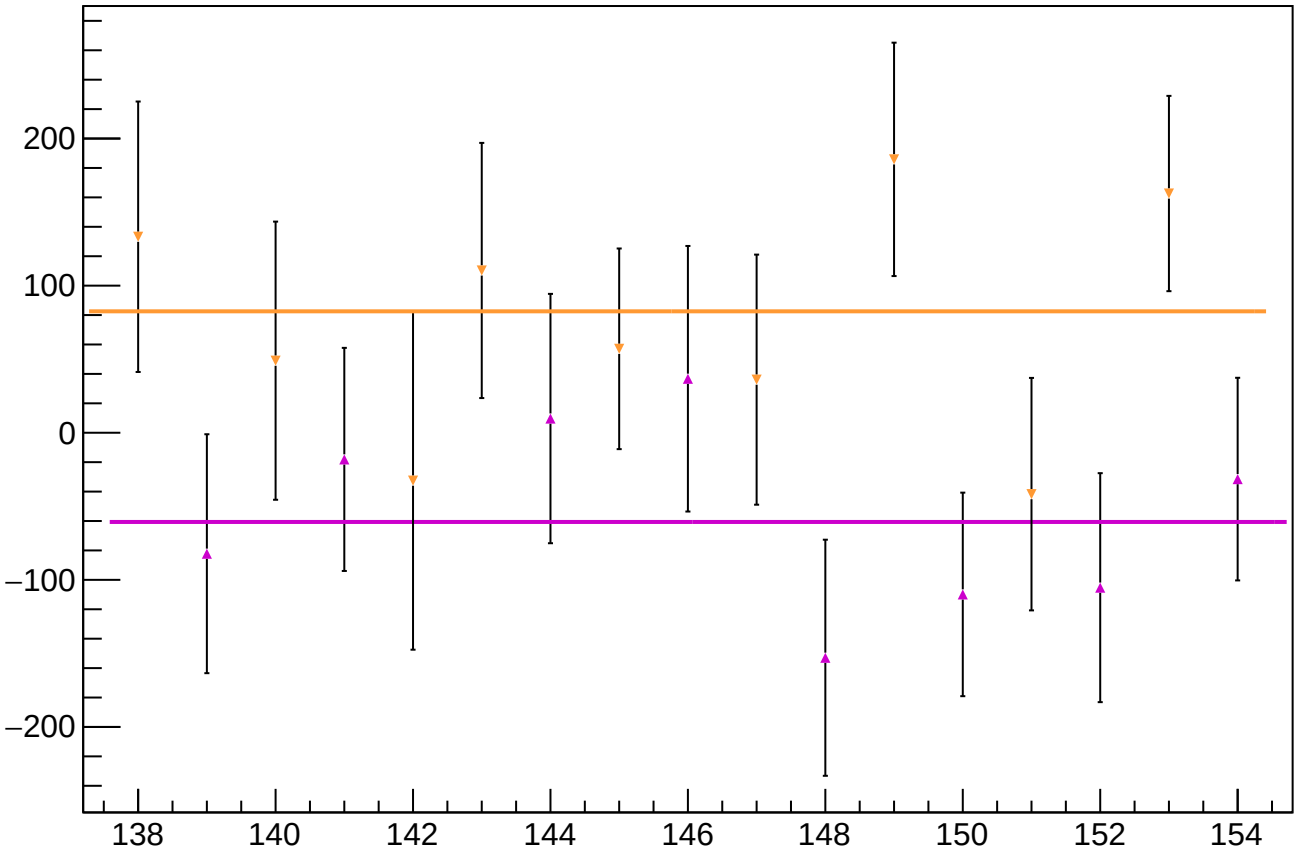
Left In: 824.593+/-0.231 χ^2/NDF:441675.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 826.722+/-0.164 χ^2/NDF: 887660.3/16

- 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: 82.543+/-27.336 χ^2/NDF:7.6/8

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

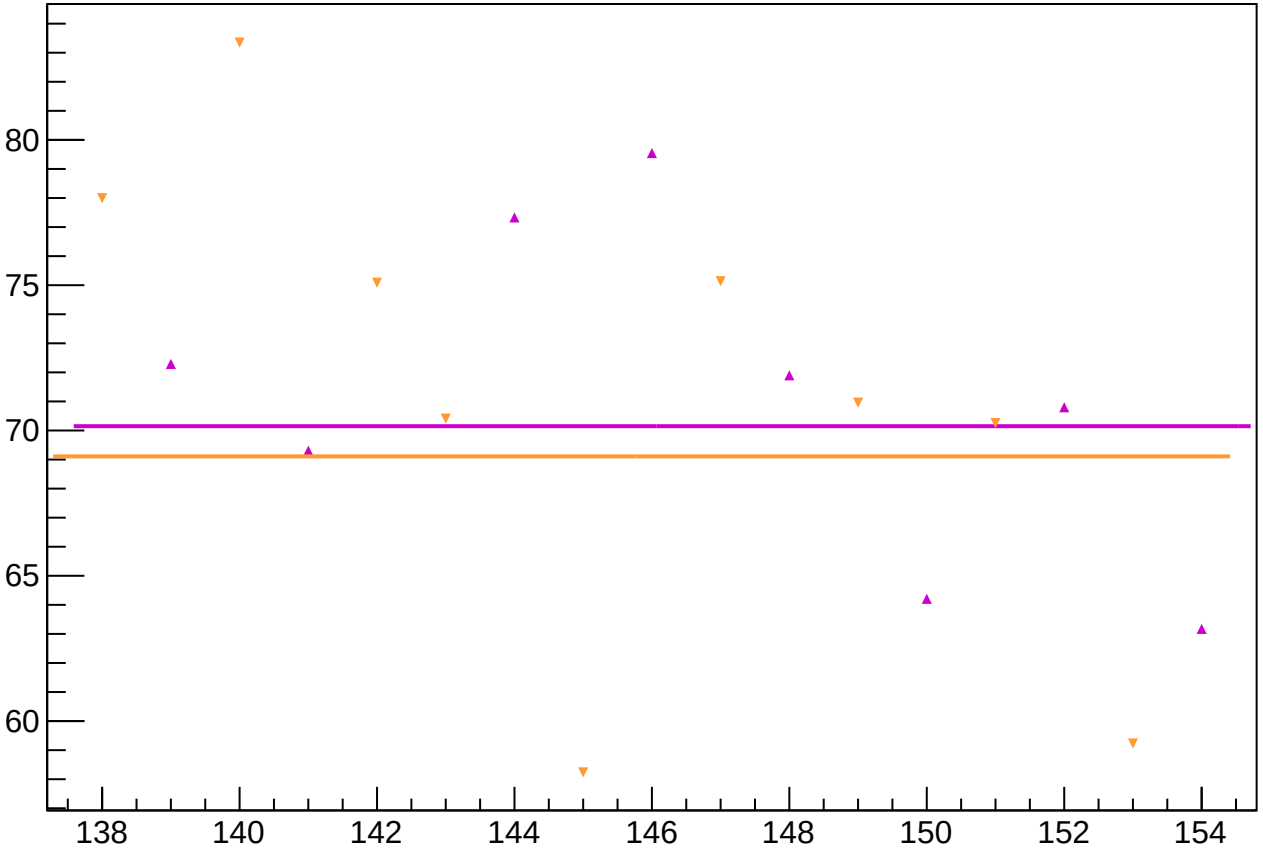
Left In: -60.645+/-27.446 χ^2/NDF:4.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 11.236+/-19.368 χ^2/NDF: 25.8/16

- 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: 69.109+/-0.019 χ^2/NDF:176609.1/8

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

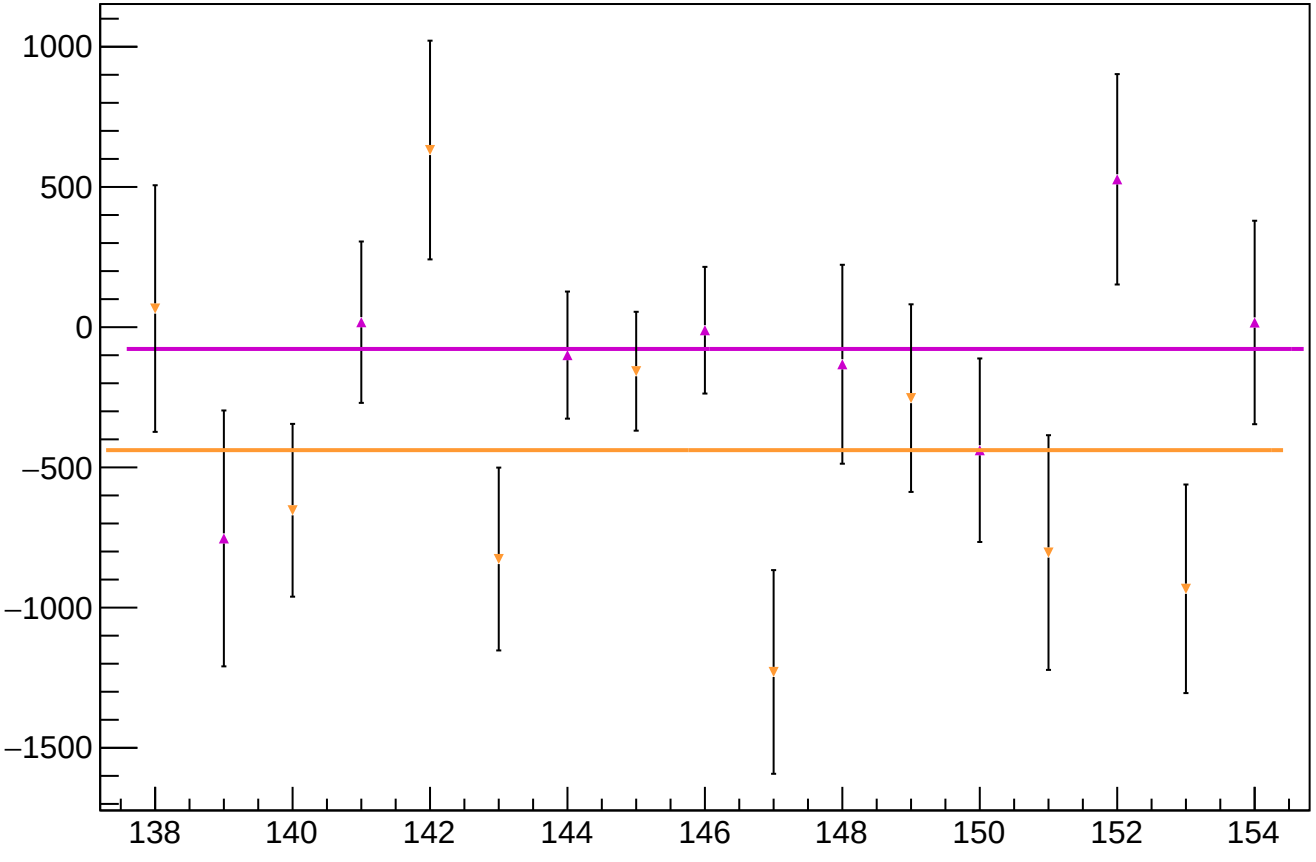
Left In: 70.148+/-0.019 χ^2/NDF:74057.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 69.627+/-0.014 χ^2/NDF: 252104.3/16

- 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: -438.472+/-109.494 χ^2/NDF:20.1/8

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

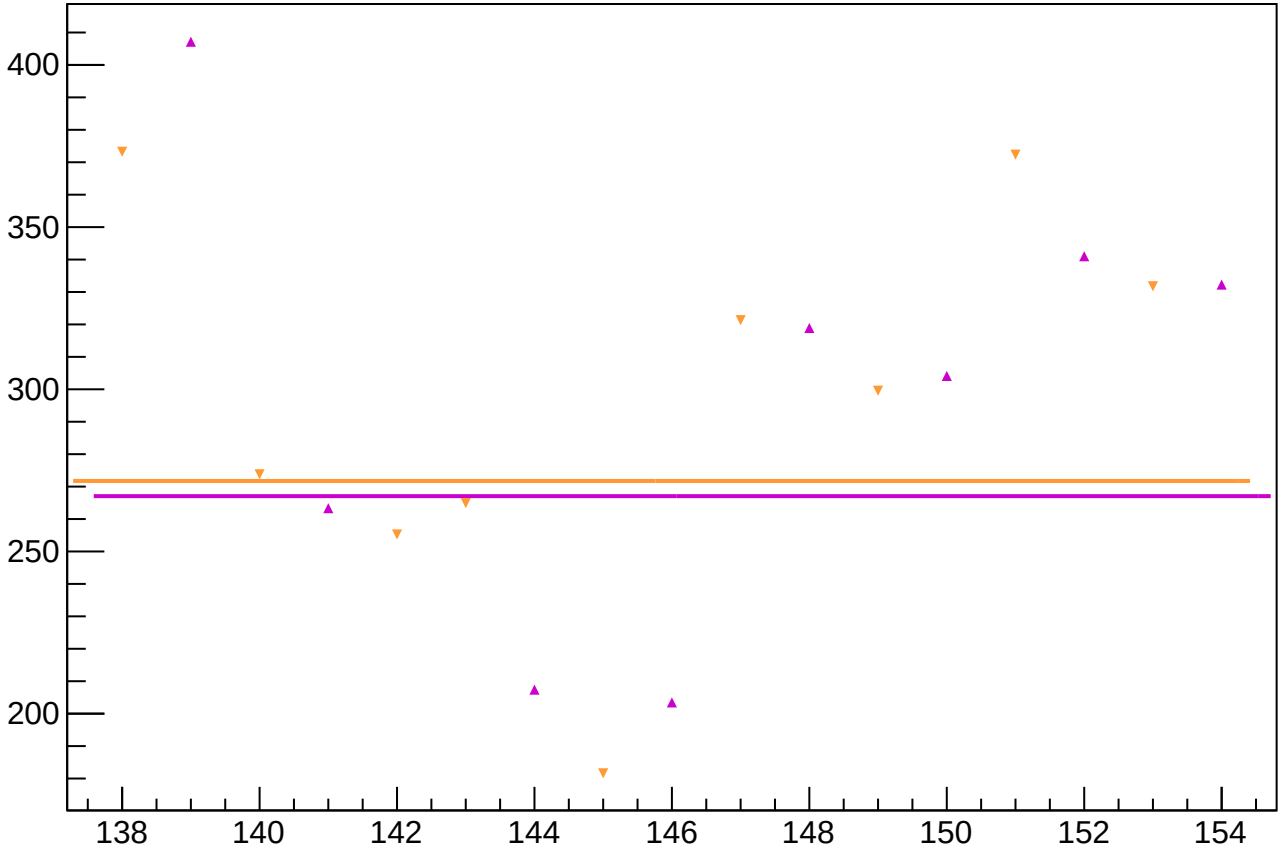
Left In: -77.627+/-106.634 χ^2/NDF:6.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -253.275+/-76.393 χ^2/NDF: 32.0/16

- 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: 271.747+/-0.077 χ^2/NDF:691552.6/8

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

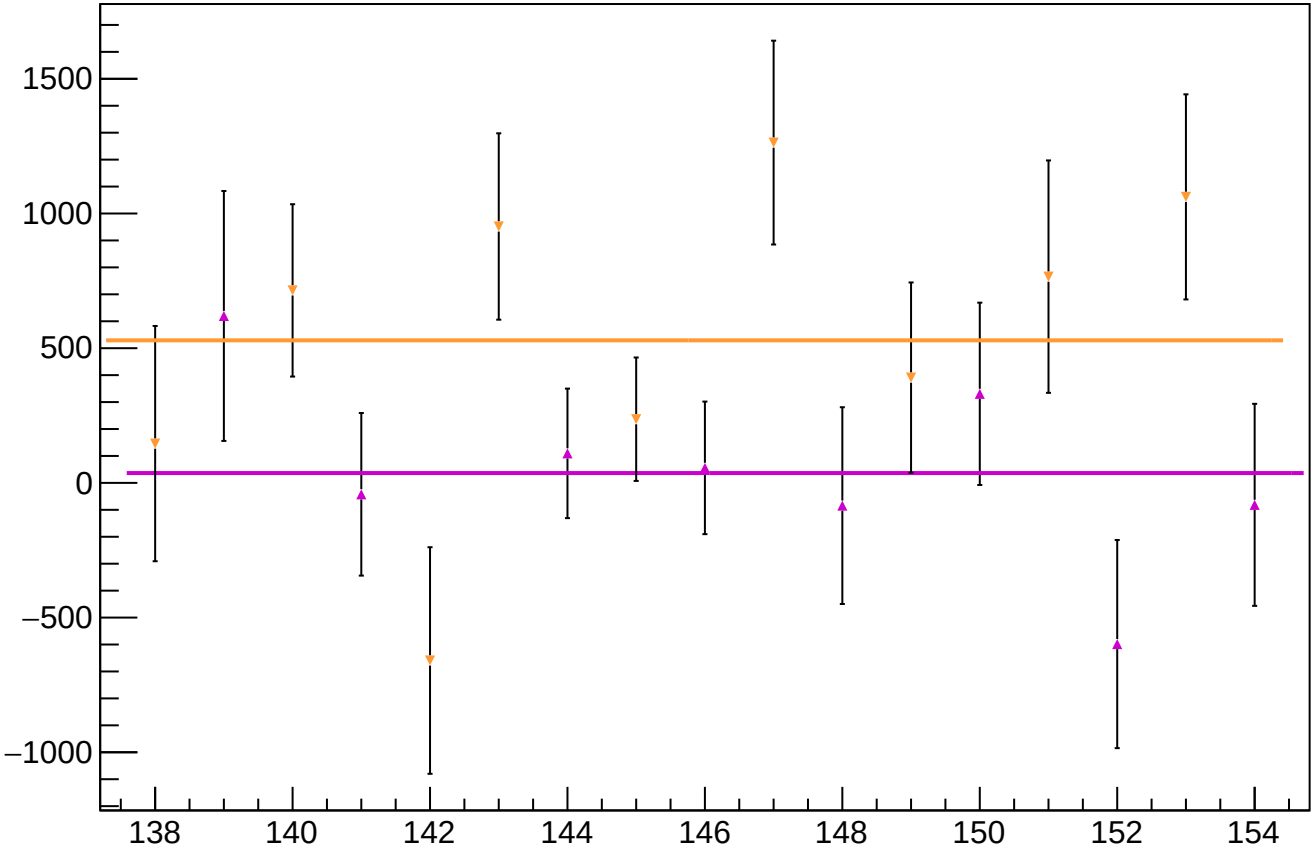
Left In: 267.058+/-0.075 χ^2/NDF:696808.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 269.340+/-0.054 χ^2/NDF: 1390243.6/16

- 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: 529.159+/-115.193 χ^2/NDF:18.4/8

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

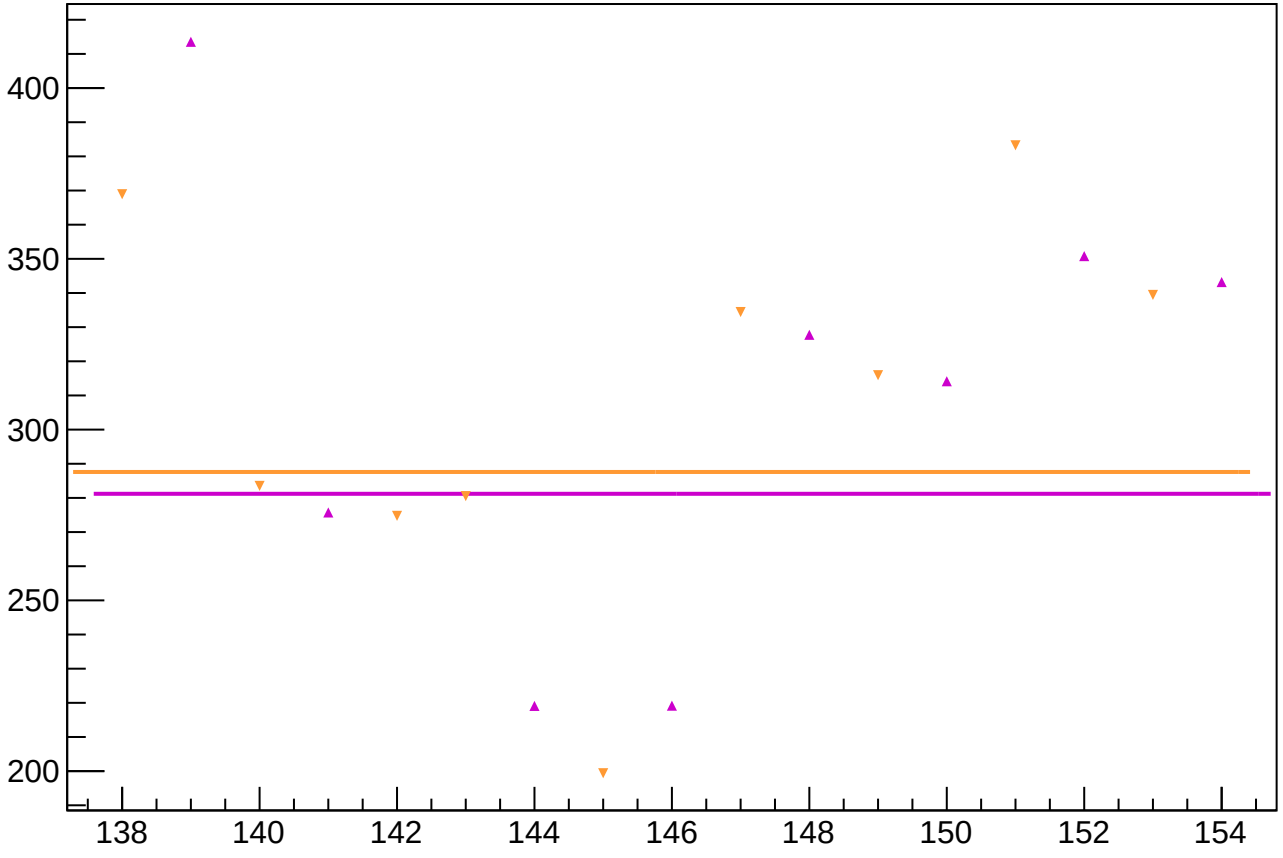
Left In: 36.486+/-112.163 χ^2/NDF:5.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 276.258+/-80.361 χ^2/NDF: 33.2/16

- 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: 287.598+/-0.081 χ^2/NDF:547860.1/8

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

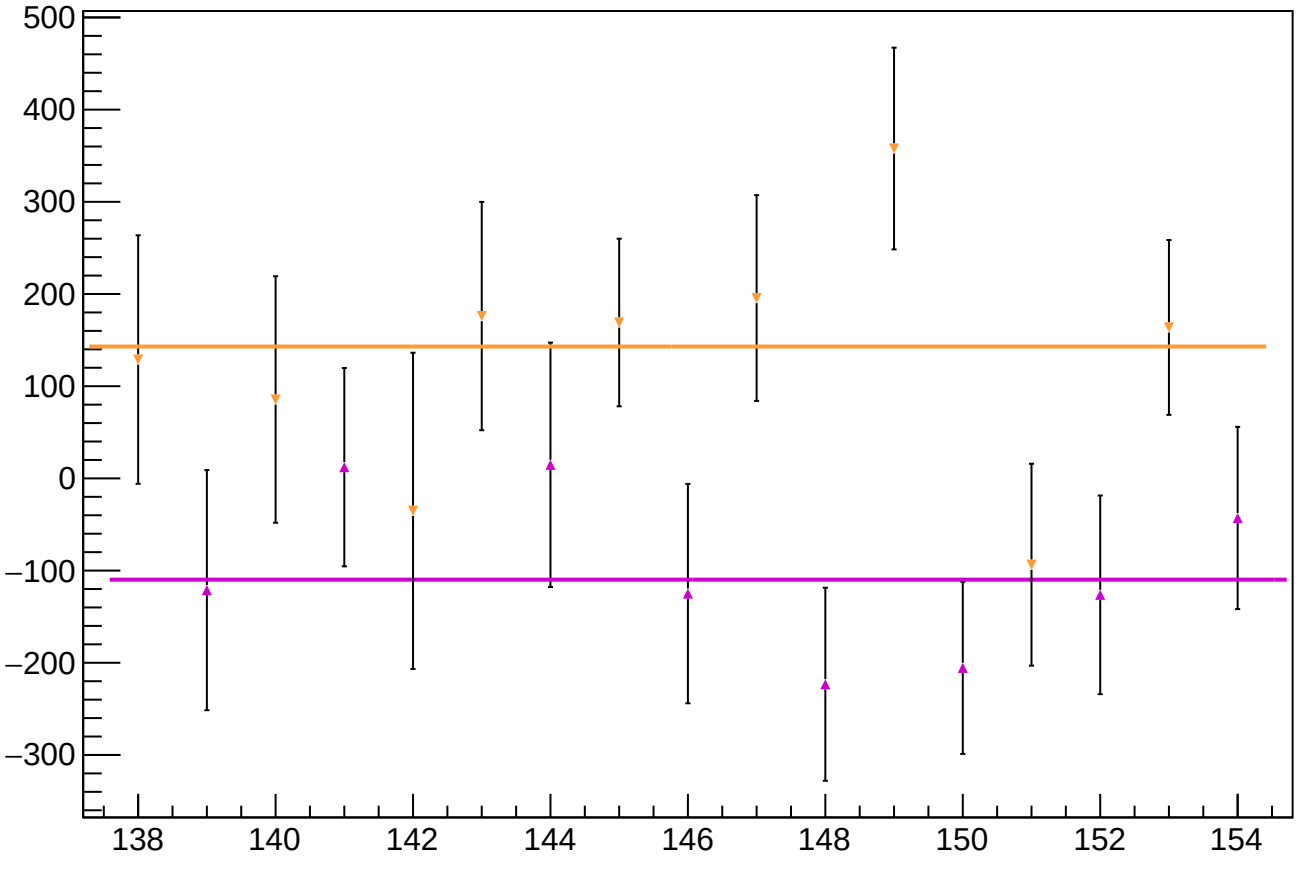
Left In: 281.205+/-0.079 χ^2/NDF:595093.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 284.316+/-0.057 χ^2/NDF: 1146116.0/16

- 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: 143.018+/-38.079 χ^2/NDF:10.2/8

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

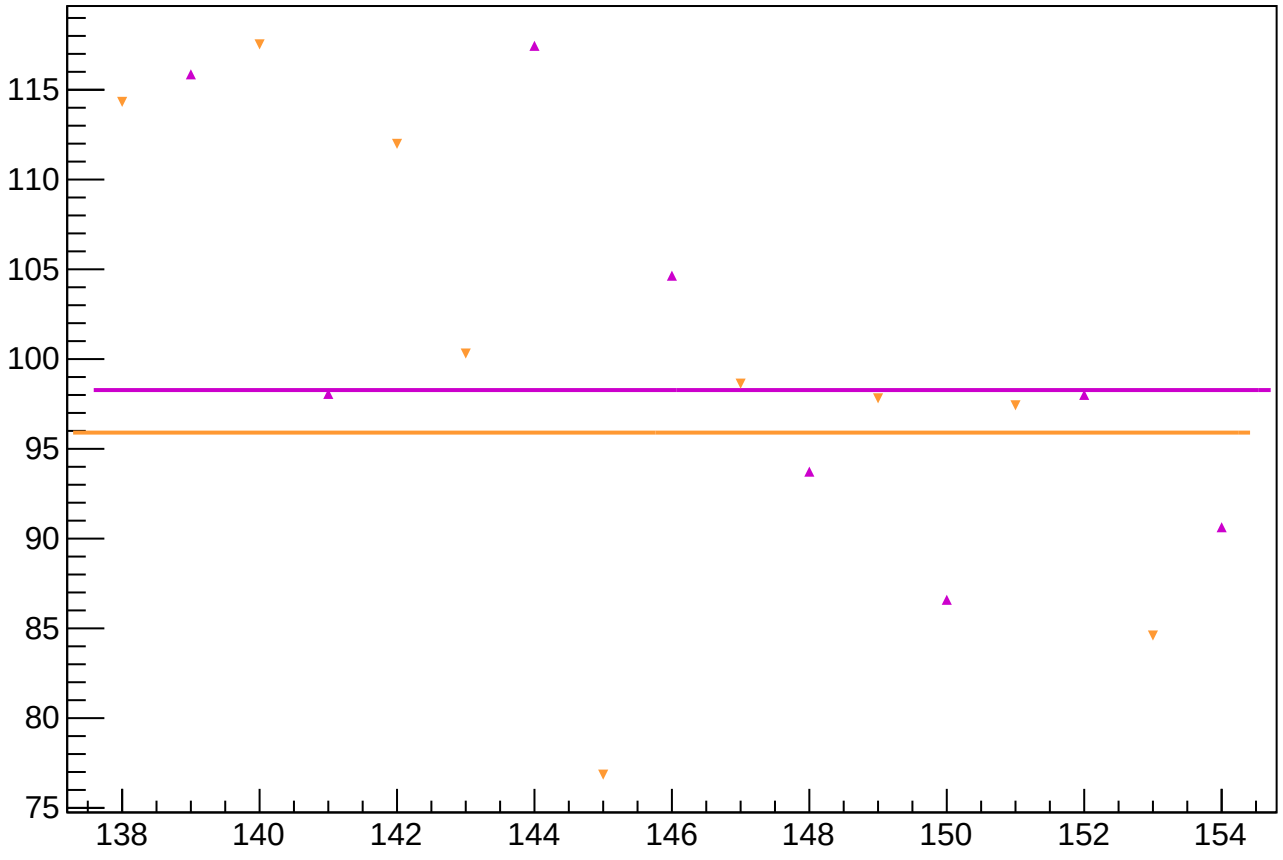
Left In: -109.833+/-38.710 χ^2/NDF:4.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 18.671+/-27.146 χ^2/NDF: 36.8/16

- 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: 95.905+/-0.027 χ^2/NDF:228270.6/8

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

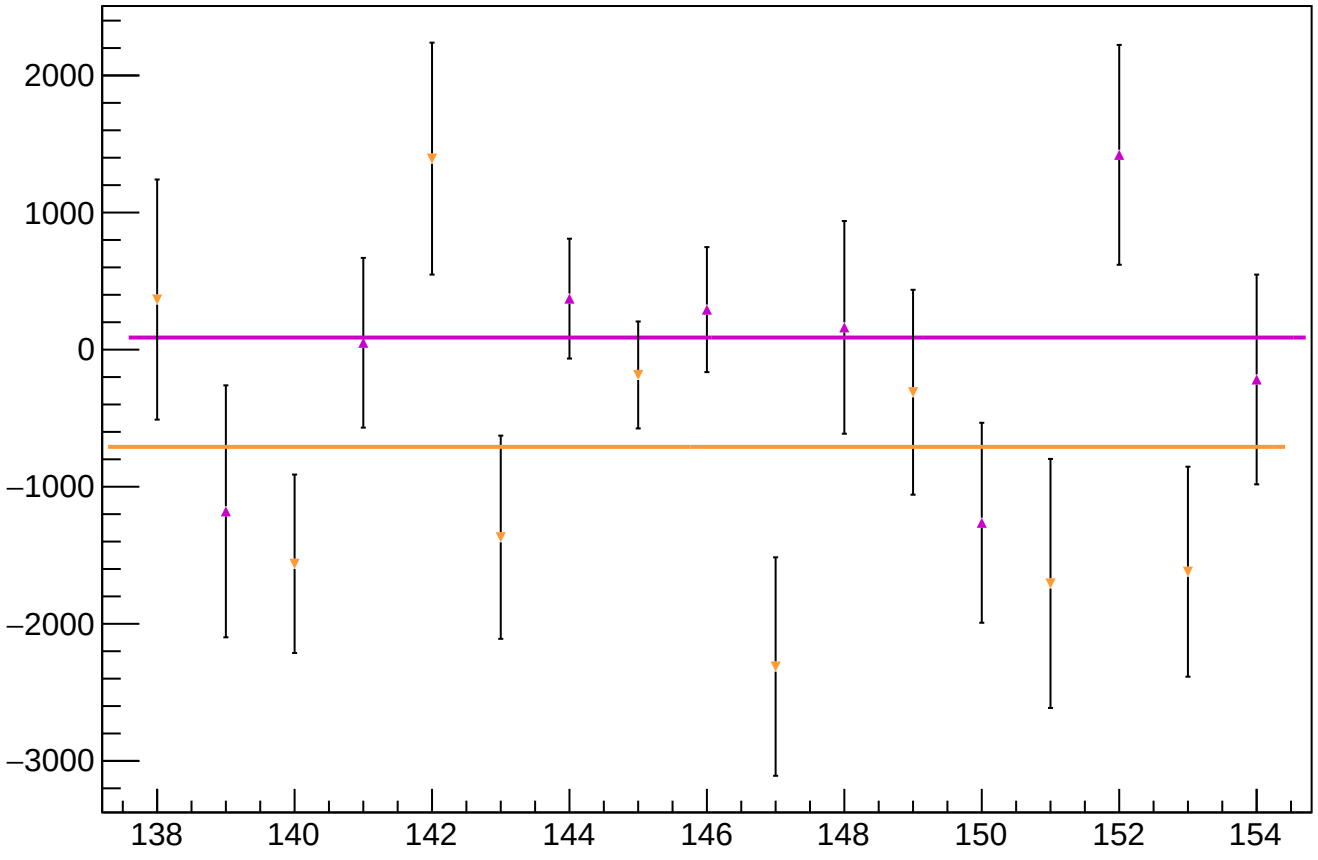
Left In: 98.274+/-0.027 χ^2/NDF:131084.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 97.070+/-0.019 χ^2/NDF: 363163.9/16

- 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: -709.110+/-225.101 χ^2/NDF:18.9/8

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

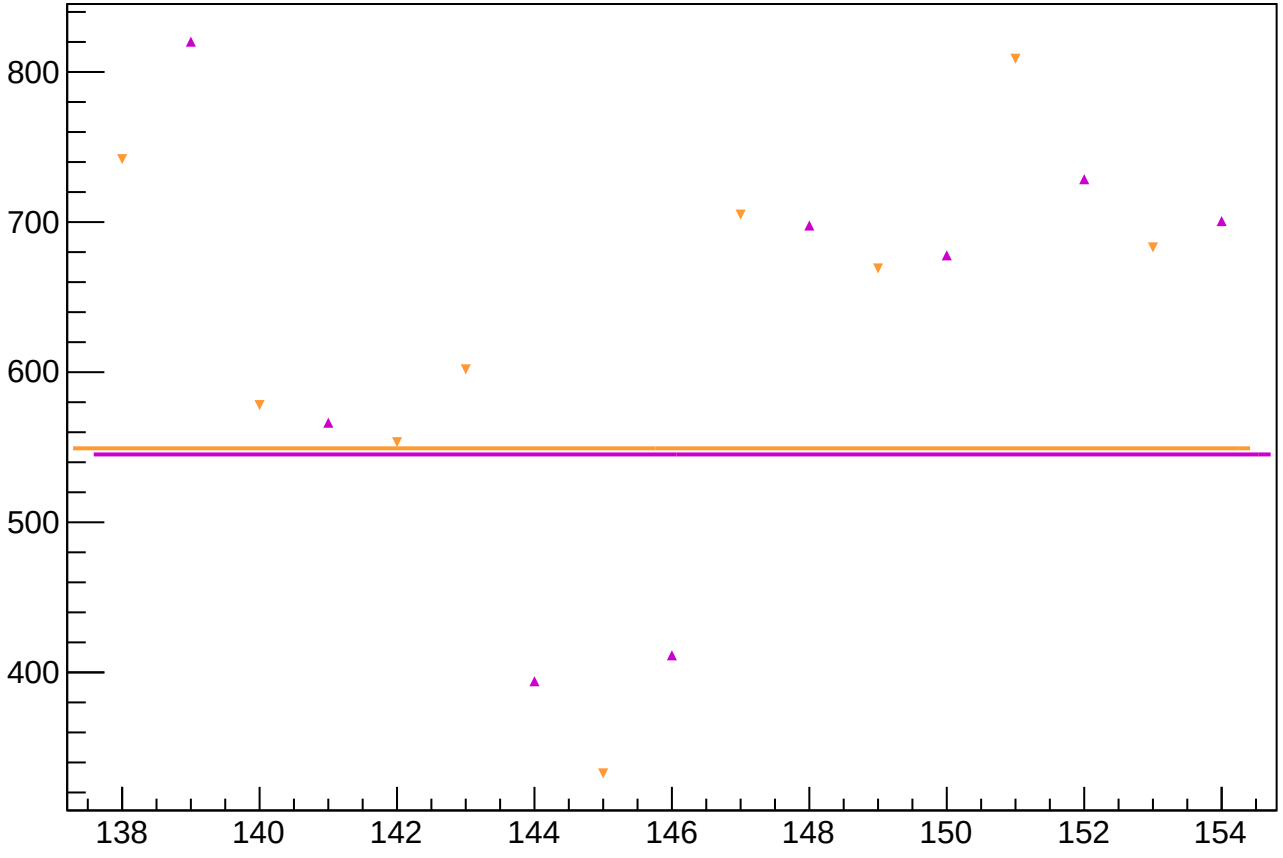
Left In: 88.175+/-220.112 χ^2/NDF:8.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -301.533+/-157.377 χ^2/NDF: 34.2/16

- 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: 549.286+/-0.159 χ^2/NDF:1079135.7/8

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

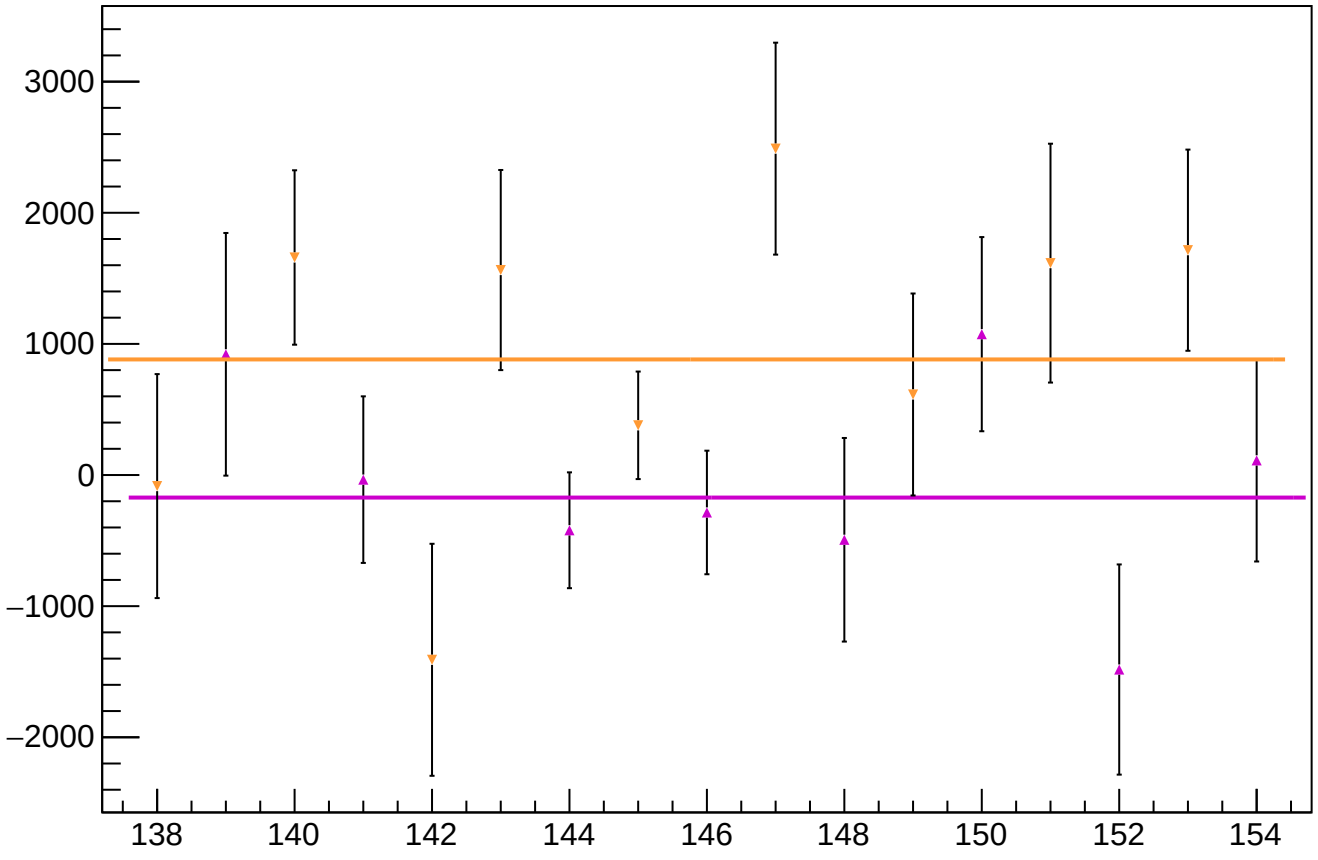
Left In: 545.209+/-0.156 χ^2/NDF:923150.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 547.202+/-0.111 χ^2/NDF: 2002621.2/16

- 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: 881.541+/-231.267 χ^2/NDF:17.6/8

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

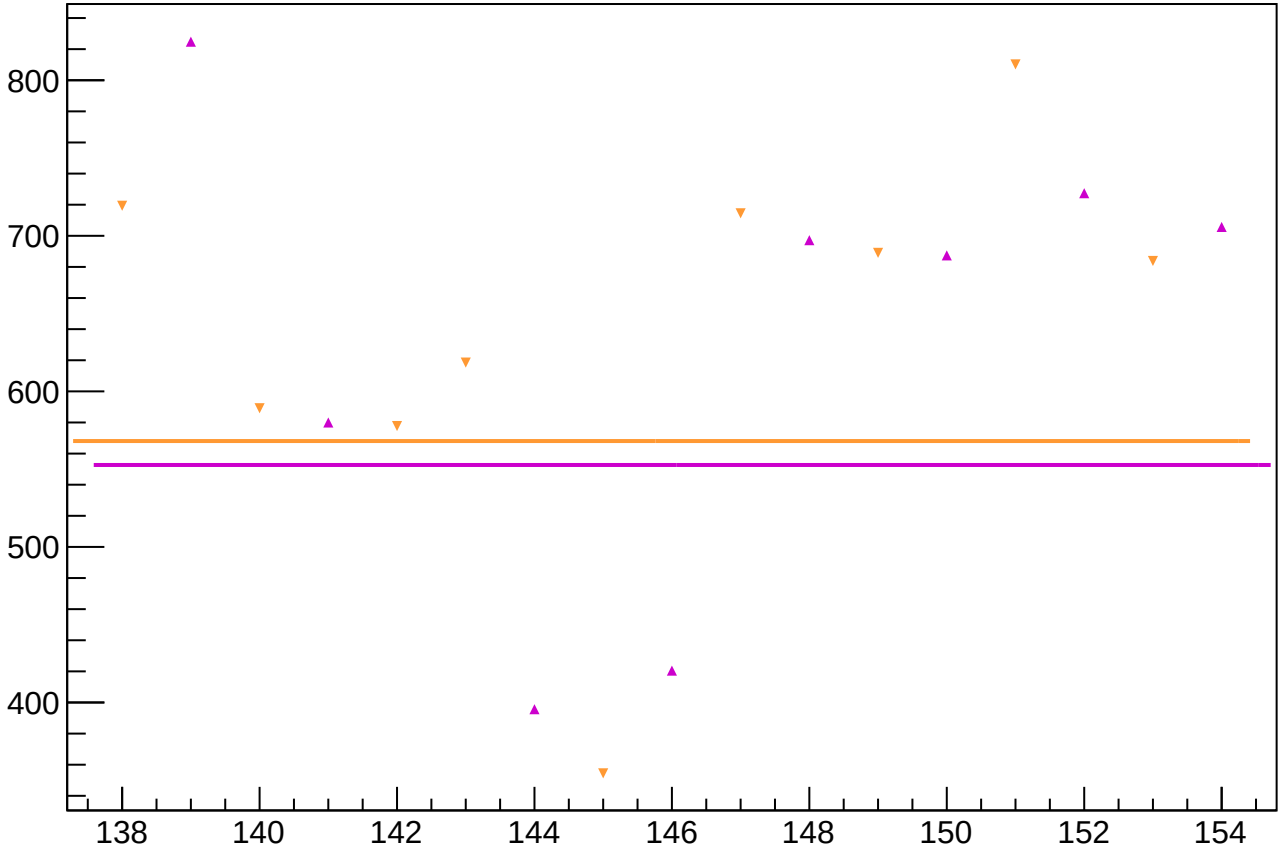
Left In: -171.922+/-223.610 χ^2/NDF:7.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 337.082+/-160.755 χ^2/NDF: 35.9/16

- 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: 568.068+/-0.164 χ^2/NDF:918461.2/8

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

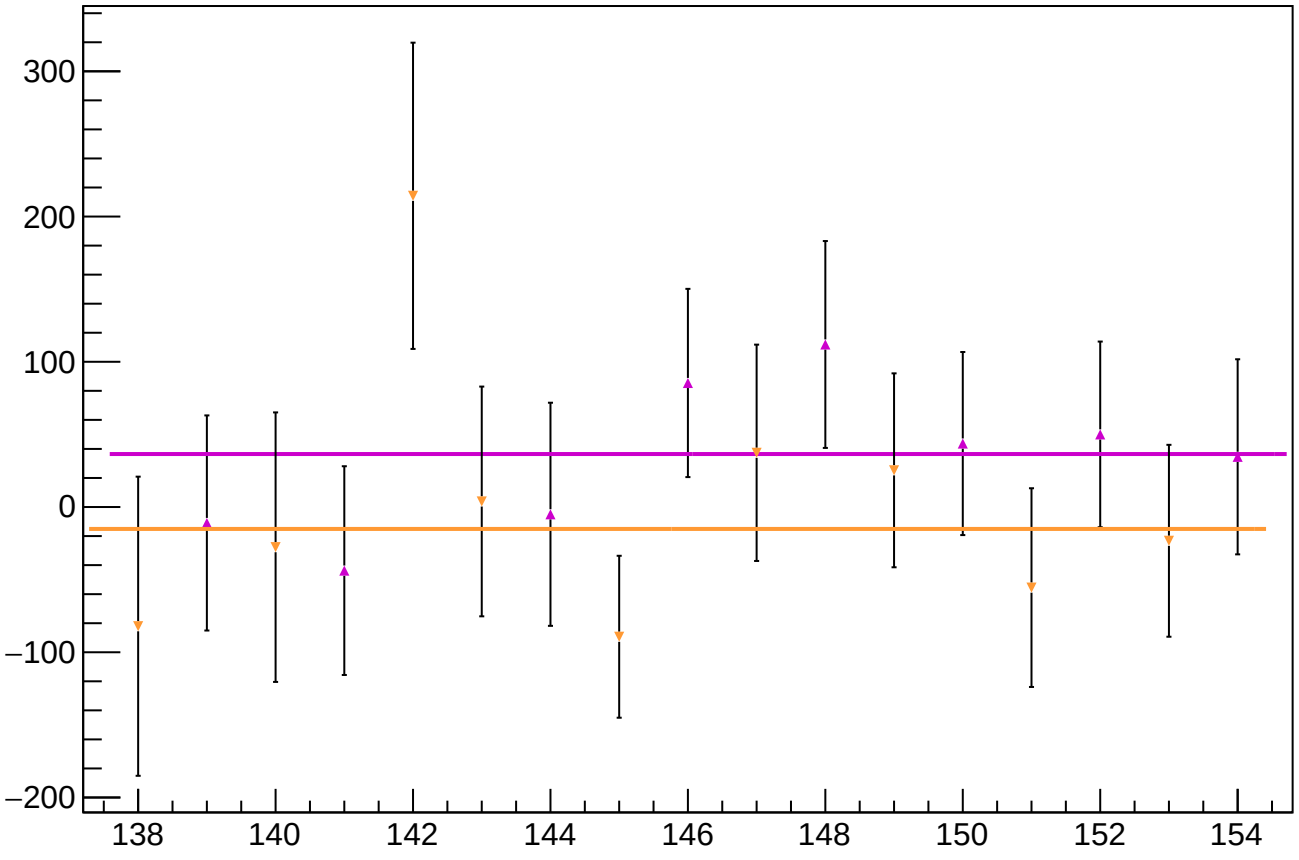
Left In: 552.680+/-0.158 χ^2/NDF:896164.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 560.115+/-0.114 χ^2/NDF: 1819201.9/16

- 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: -15.085+/-24.773 χ^2/NDF:8.2/8

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

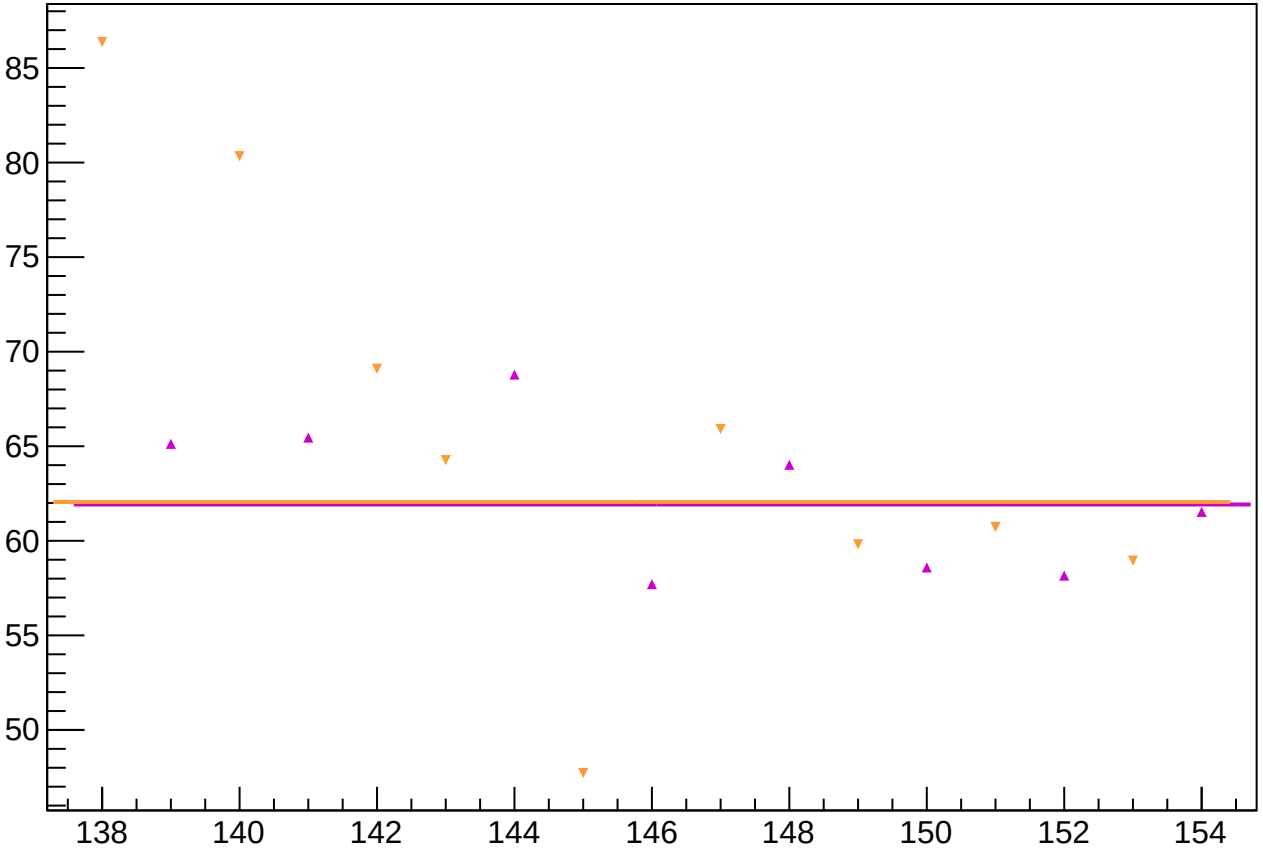
Left In: 36.484+/-24.261 χ^2/NDF:3.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 11.238+/-17.333 χ^2/NDF: 14.1/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 62.049+/-0.018 χ^2/NDF:344635.8/8

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

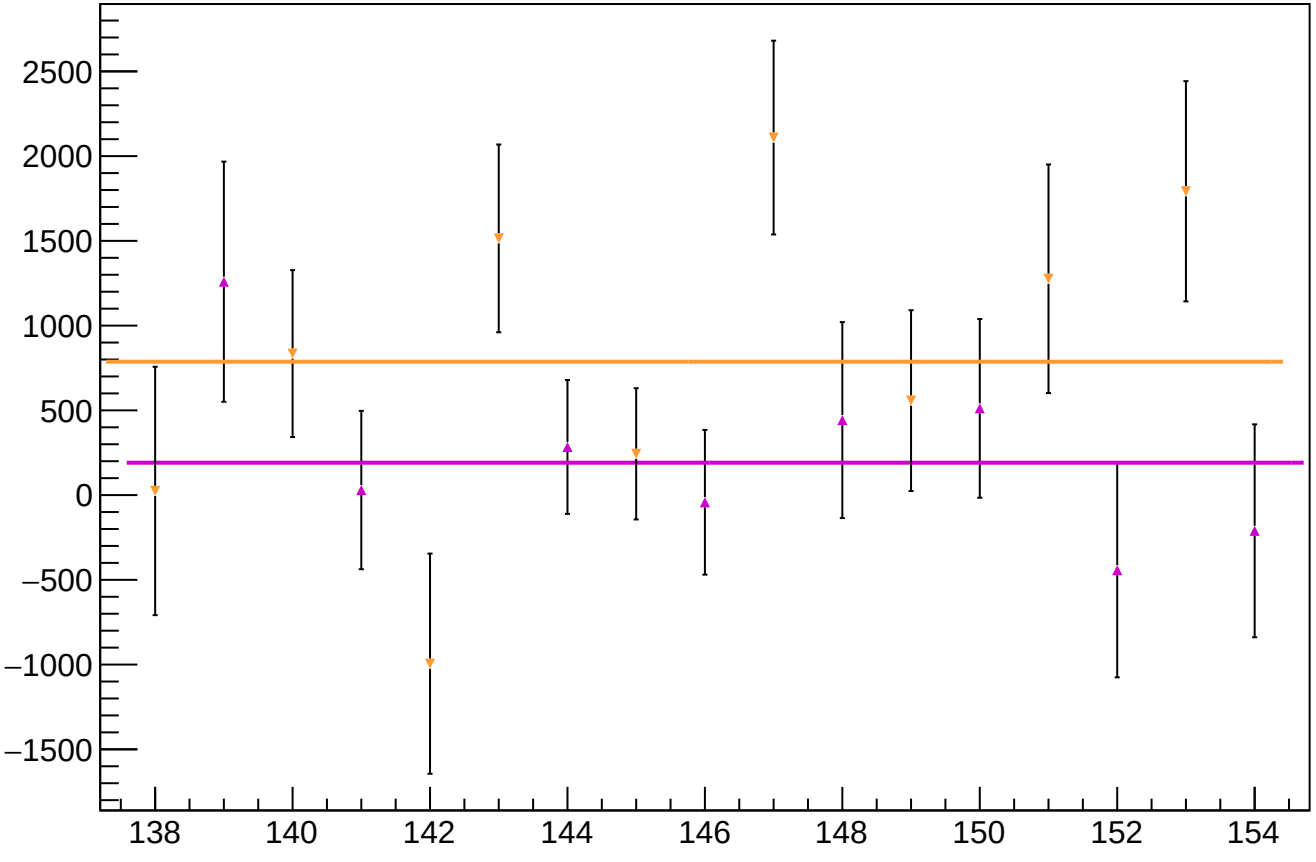
Left In: 61.921+/-0.017 χ^2/NDF:47340.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 61.984+/-0.012 χ^2/NDF: 392003.9/16

- 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: 786.946+/-184.354 χ^2/NDF:20.8/8

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

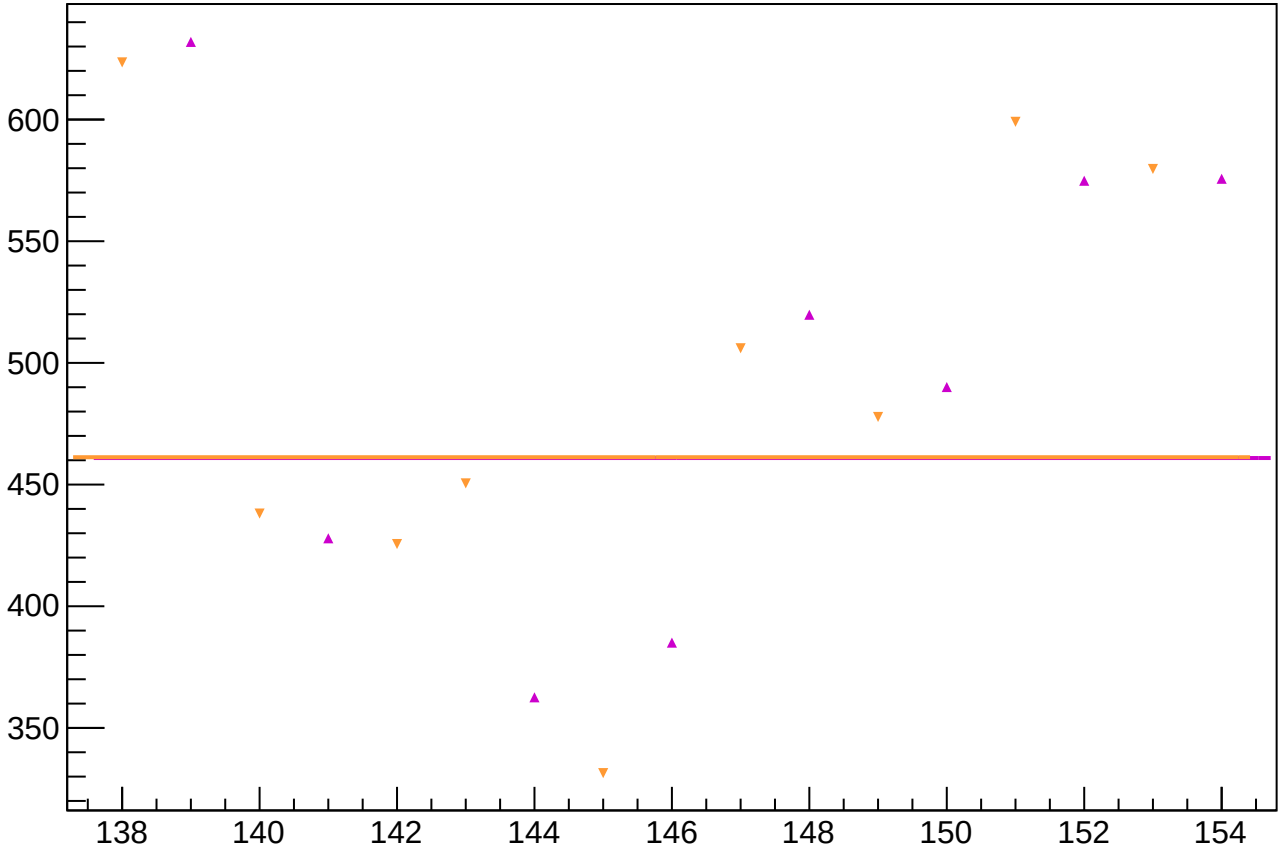
Left In: 191.266+/-182.291 χ^2/NDF:4.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 485.754+/-129.622 χ^2/NDF: 30.8/16

- 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: 461.239+/-0.130 χ^2/NDF:498260.3/8

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

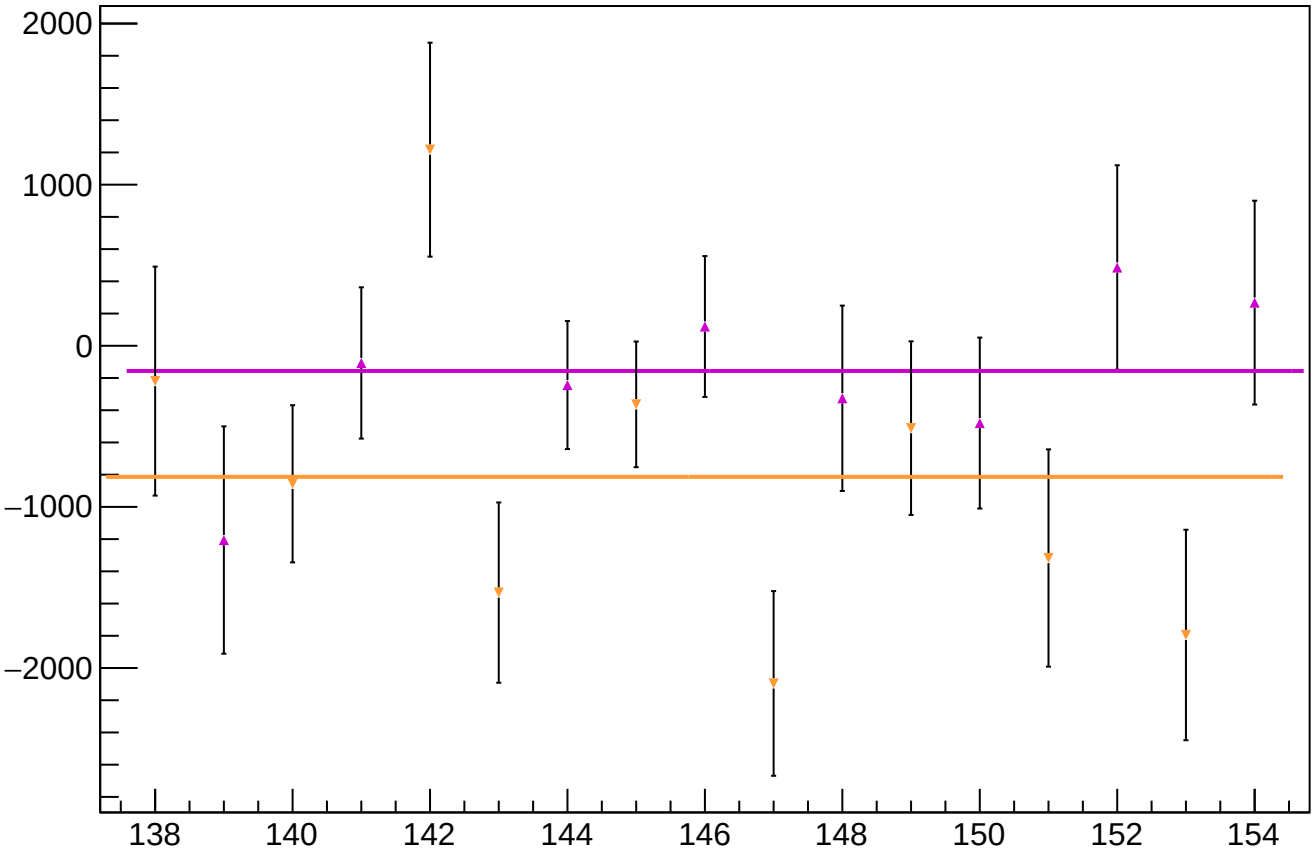
Left In: 460.909+/-0.129 χ^2/NDF:472041.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 461.072+/-0.092 χ^2/NDF: 970305.2/16

- 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: -813.570+/-184.884 χ^2/NDF:21.2/8

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

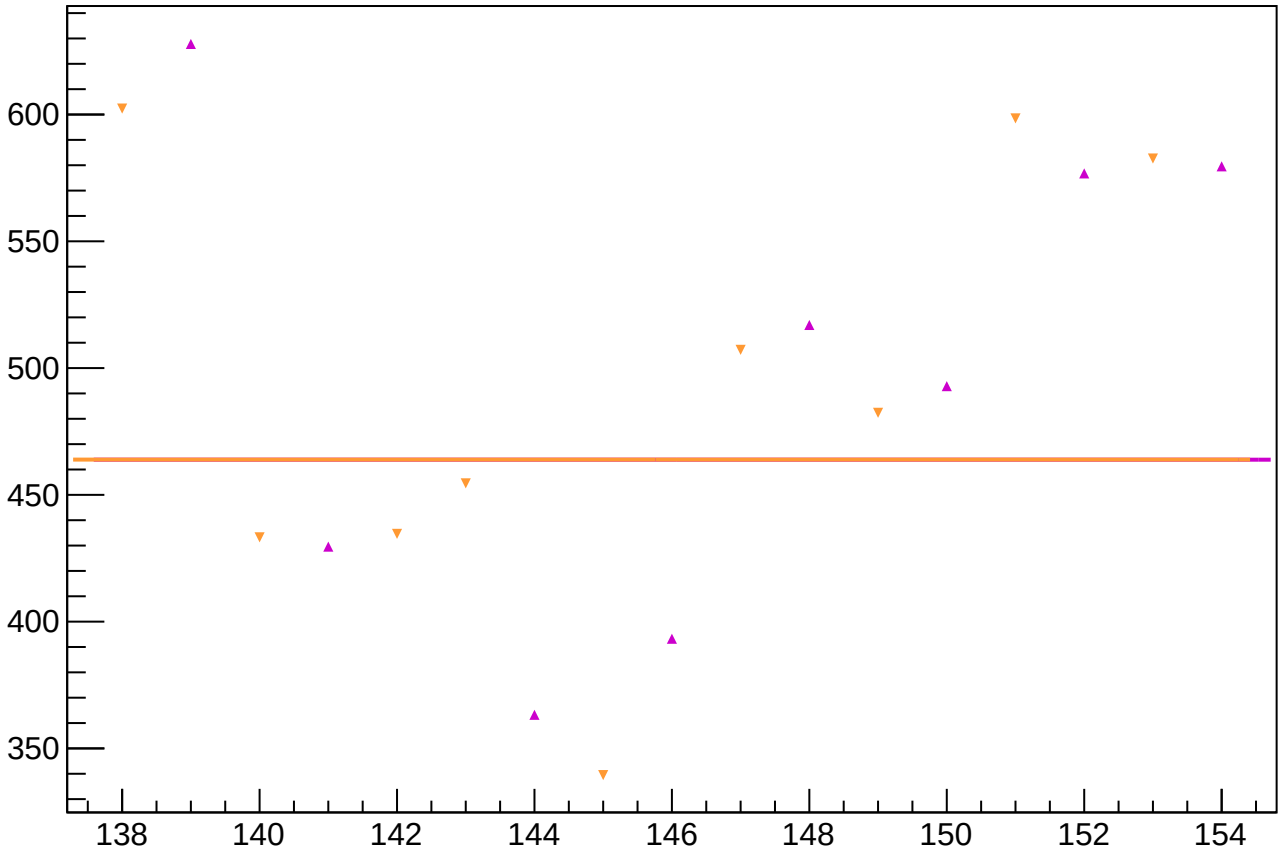
Left In: -156.303+/-183.582 χ^2/NDF:4.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -482.613+/-130.270 χ^2/NDF: 32.1/16

- 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: 463.909+/-0.131 χ^2/NDF:451462.5/8

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

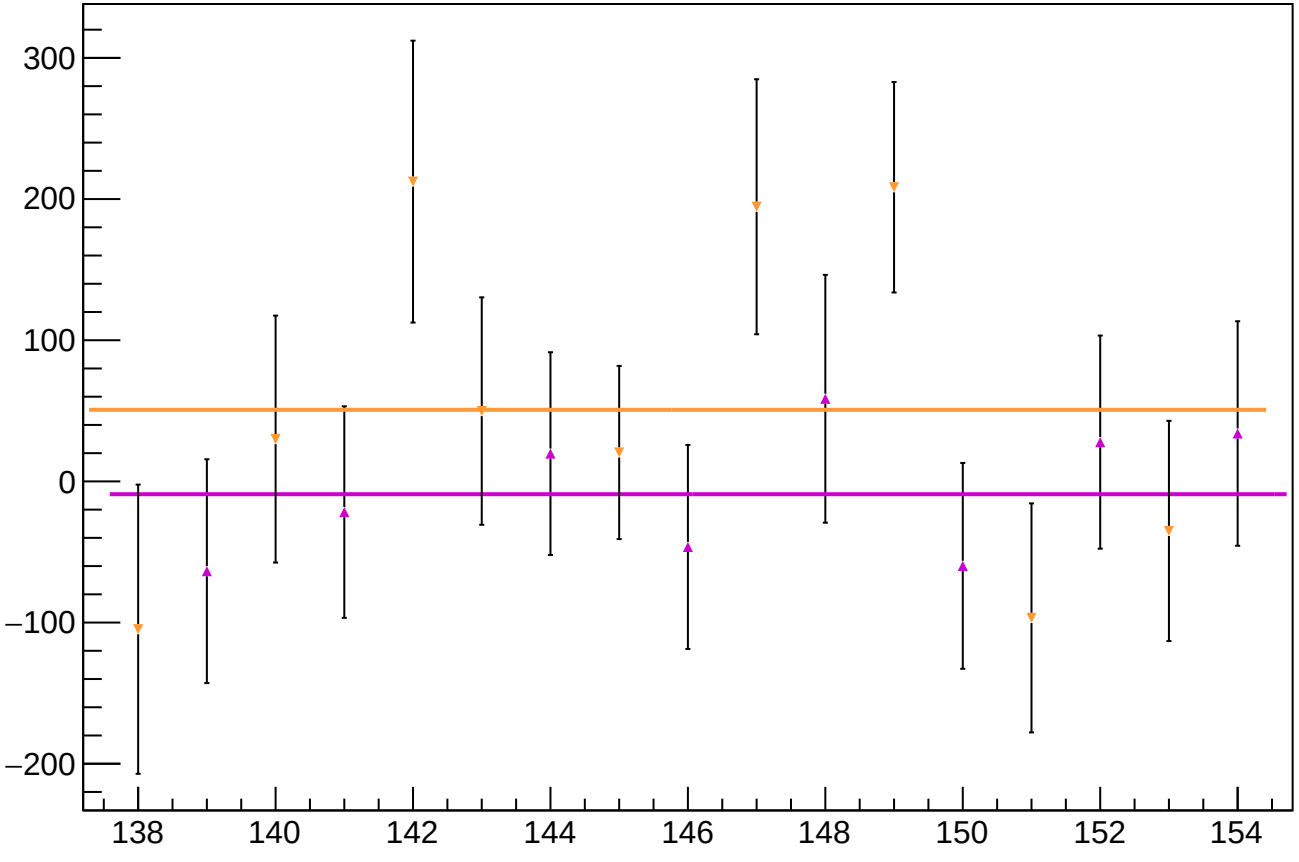
Left In: 463.870+/-0.130 χ^2/NDF:452351.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 463.889+/-0.092 χ^2/NDF: 903814.1/16

- 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: 50.730+/-27.067 χ^2/NDF:16.7/8

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

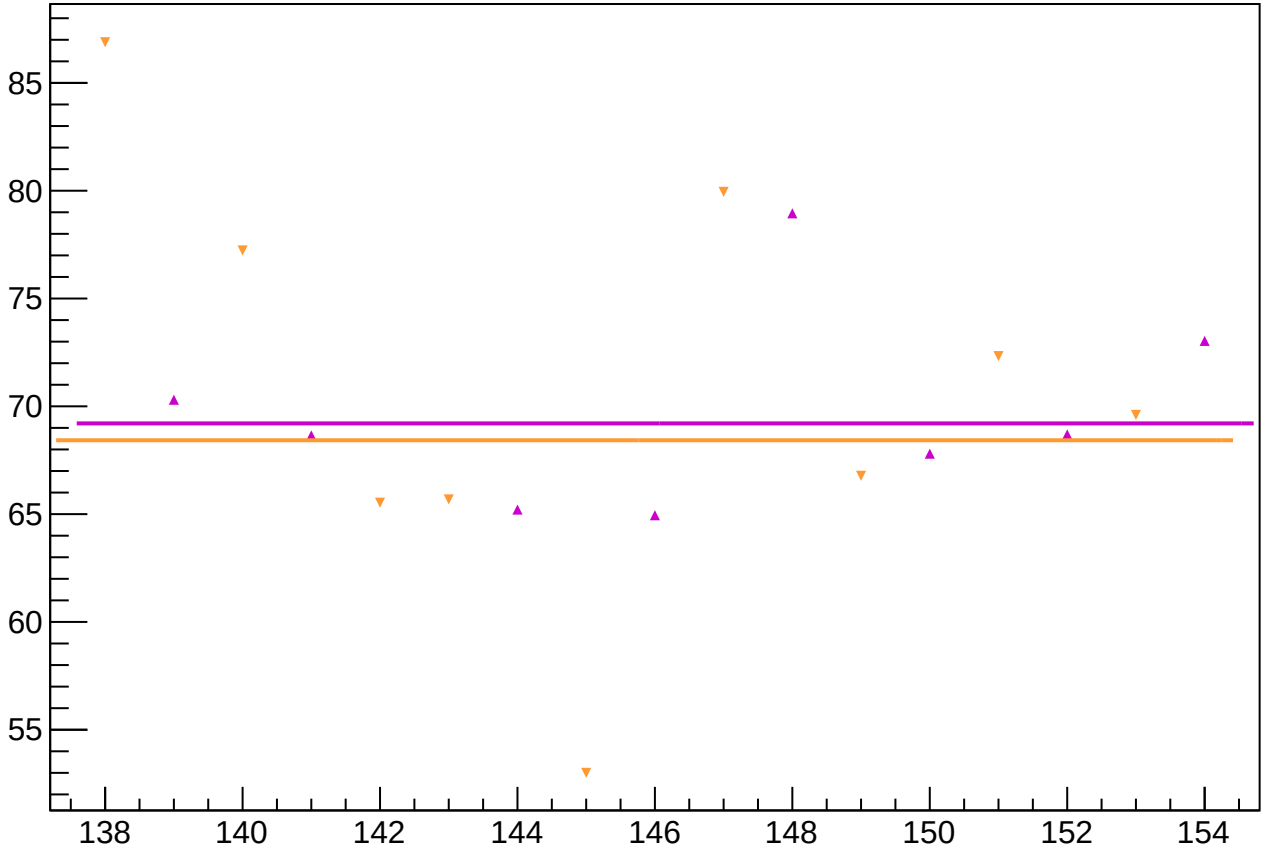
Left In: -9.078+/-26.977 χ^2/NDF:2.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 20.726+/-19.107 χ^2/NDF: 21.7/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 68.426+/-0.019 χ^2/NDF:254245.6/8

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

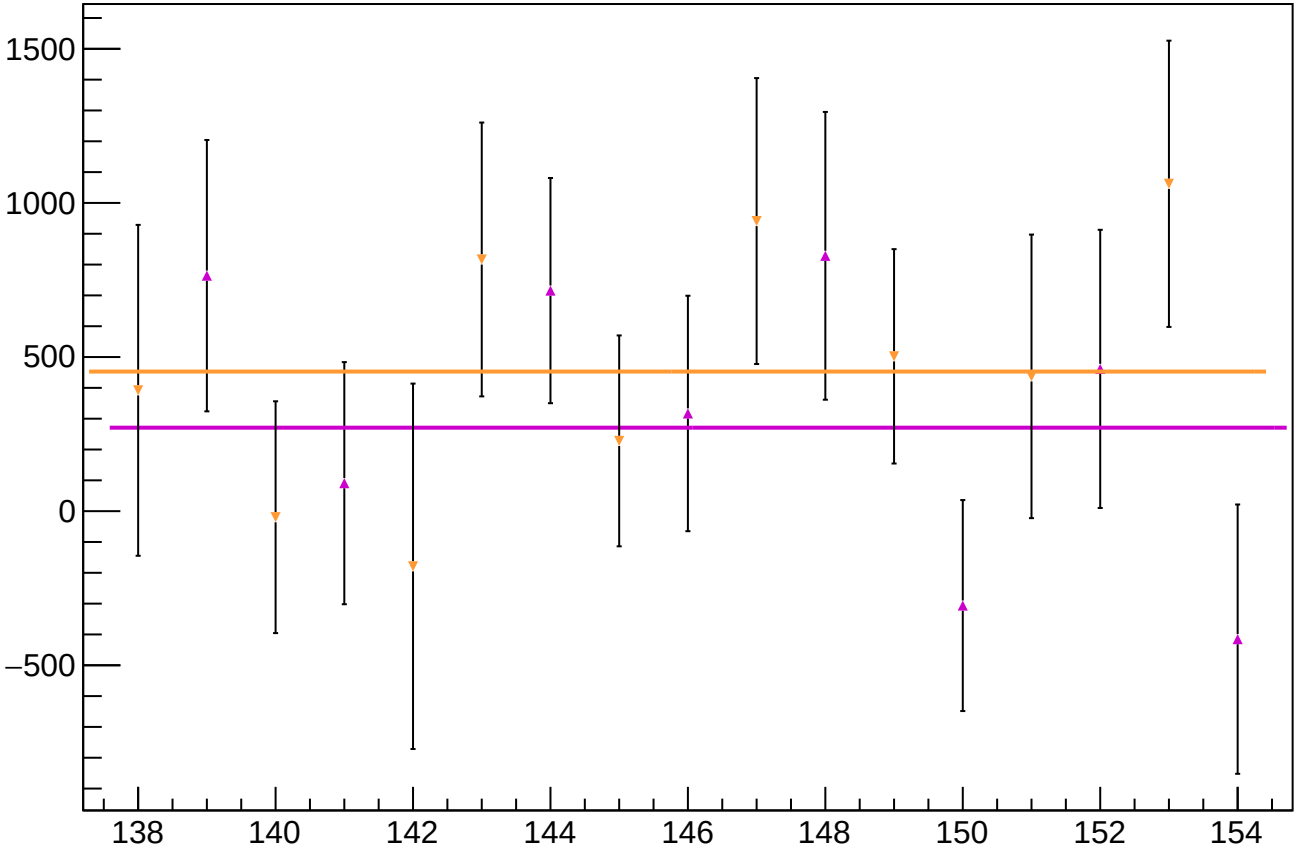
Left In: 69.209+/-0.019 χ^2/NDF:43745.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 68.819+/-0.014 χ^2/NDF: 298830.0/16

- 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: 452.909+/-142.450 χ^2/NDF:6.7/8

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

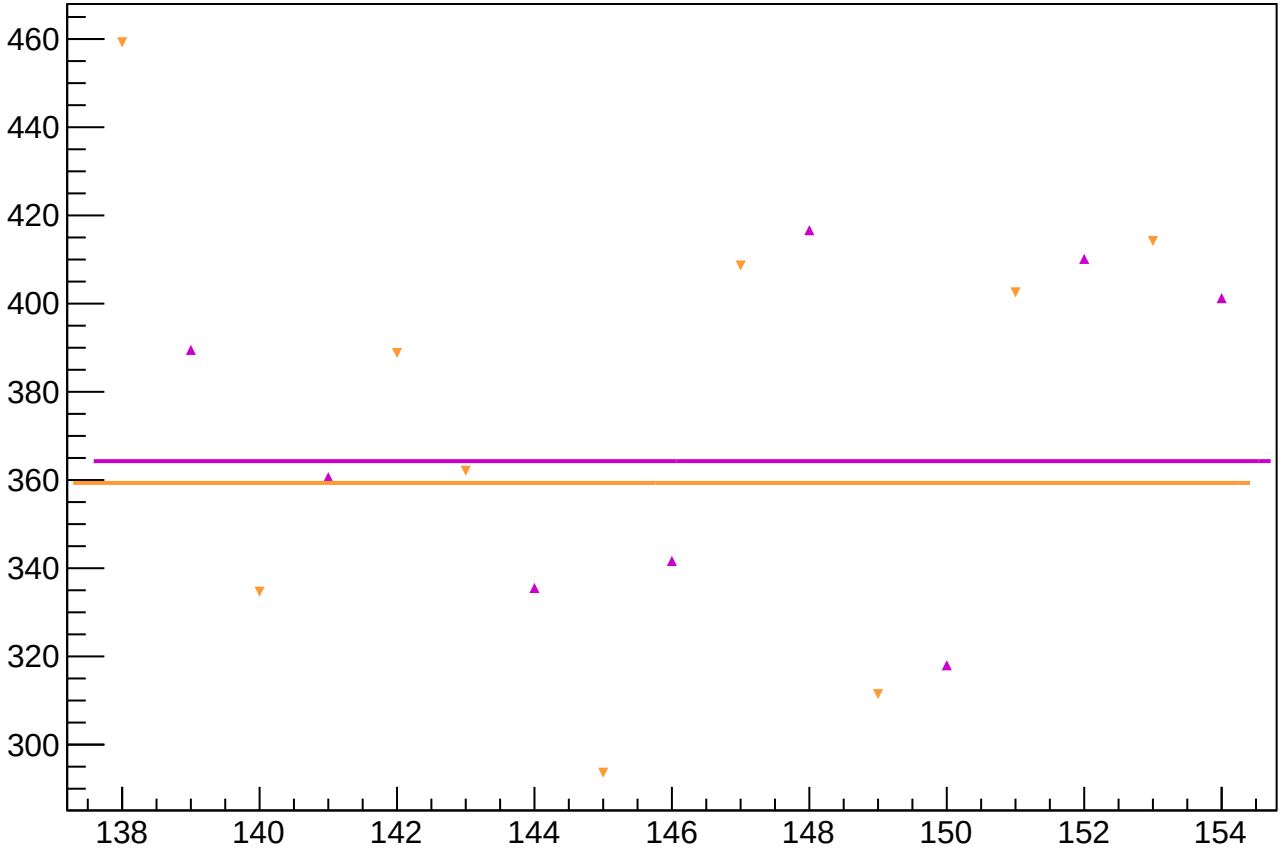
Left In: 270.828+/-142.475 χ^2/NDF:9.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 361.884+/-100.736 χ^2/NDF: 17.4/16

- 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: 359.347+/-0.101 χ^2/NDF:262781.0/8

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

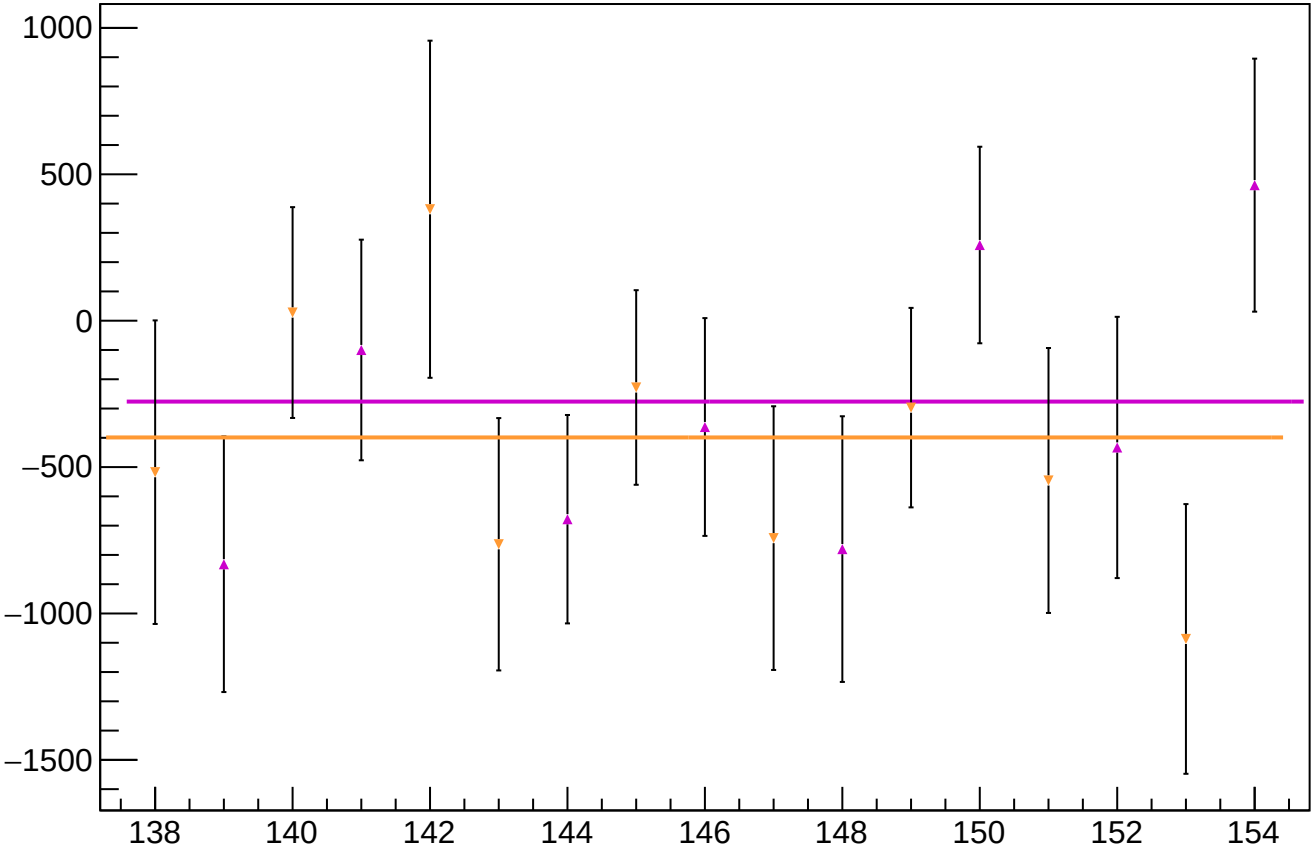
Left In: 364.285+/-0.101 χ^2/NDF:122885.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 361.816+/-0.071 χ^2/NDF: 386868.4/16

- 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: -398.722+/-138.628 χ^2/NDF:7.3/8

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

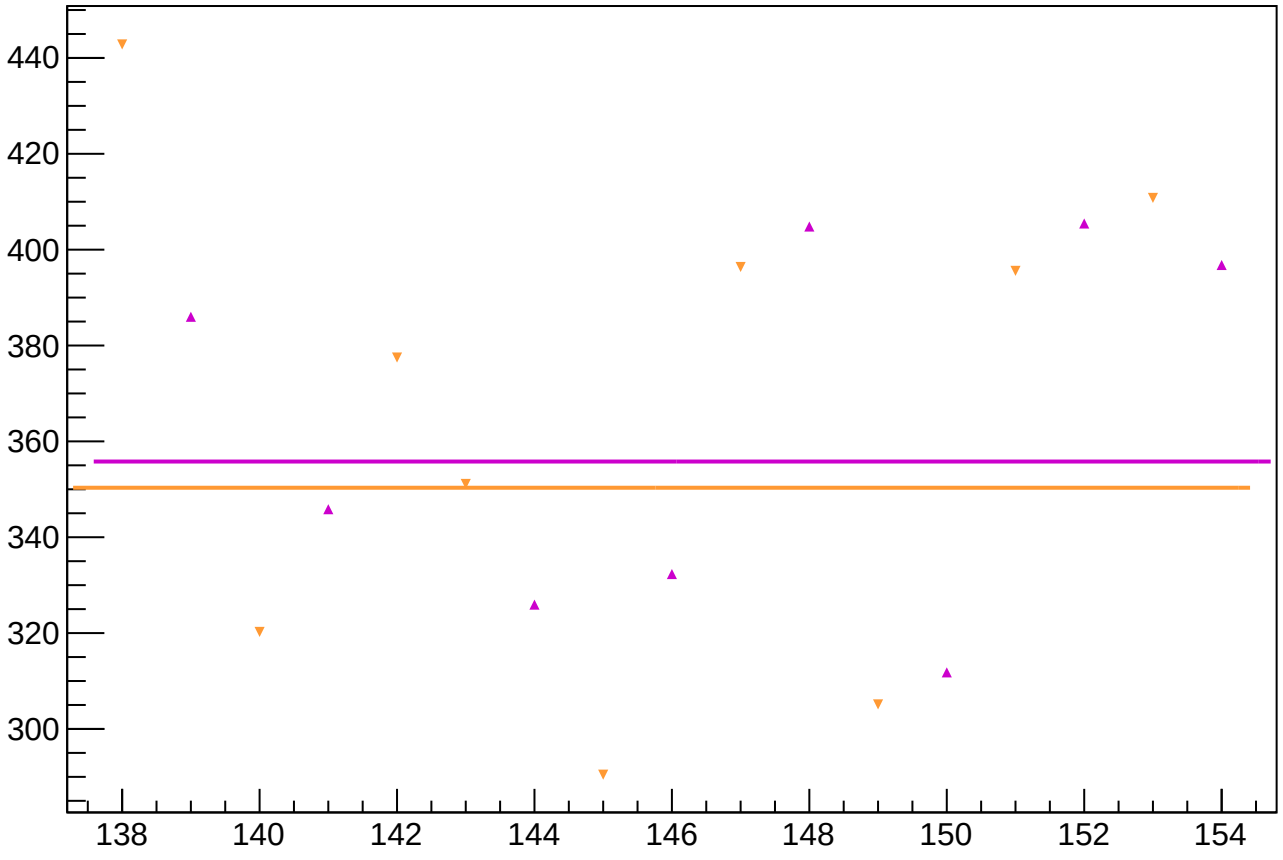
Left In: -276.258+/-139.311 χ^2/NDF:10.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -337.791+/-98.266 χ^2/NDF: 17.7/16

- 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: 350.326+/-0.098 χ^2/NDF:257609.5/8

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

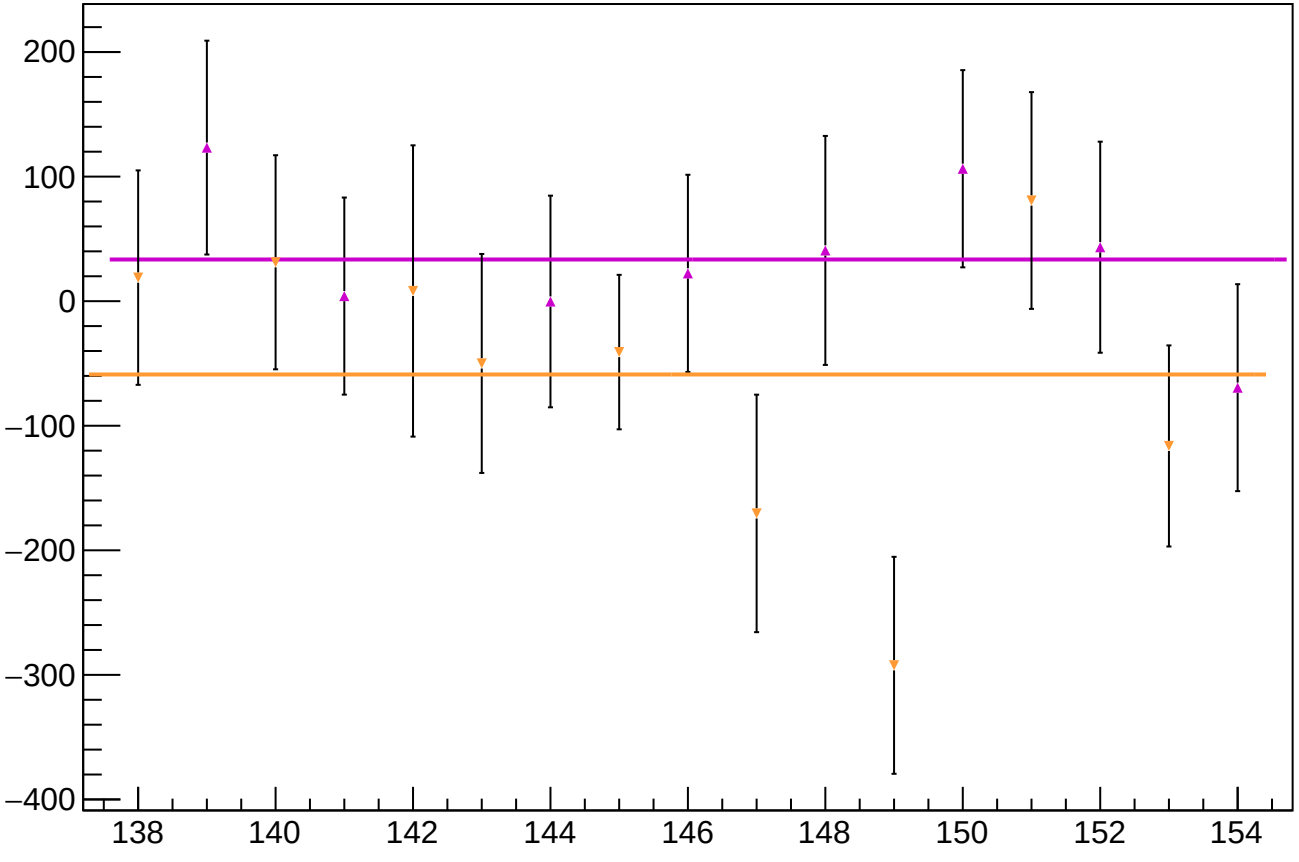
Left In: 355.794+/-0.099 χ^2/NDF:133512.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 353.046+/-0.069 χ^2/NDF: 392670.1/16

- 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: -58.844+/-28.166 χ^2/NDF:14.0/8

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

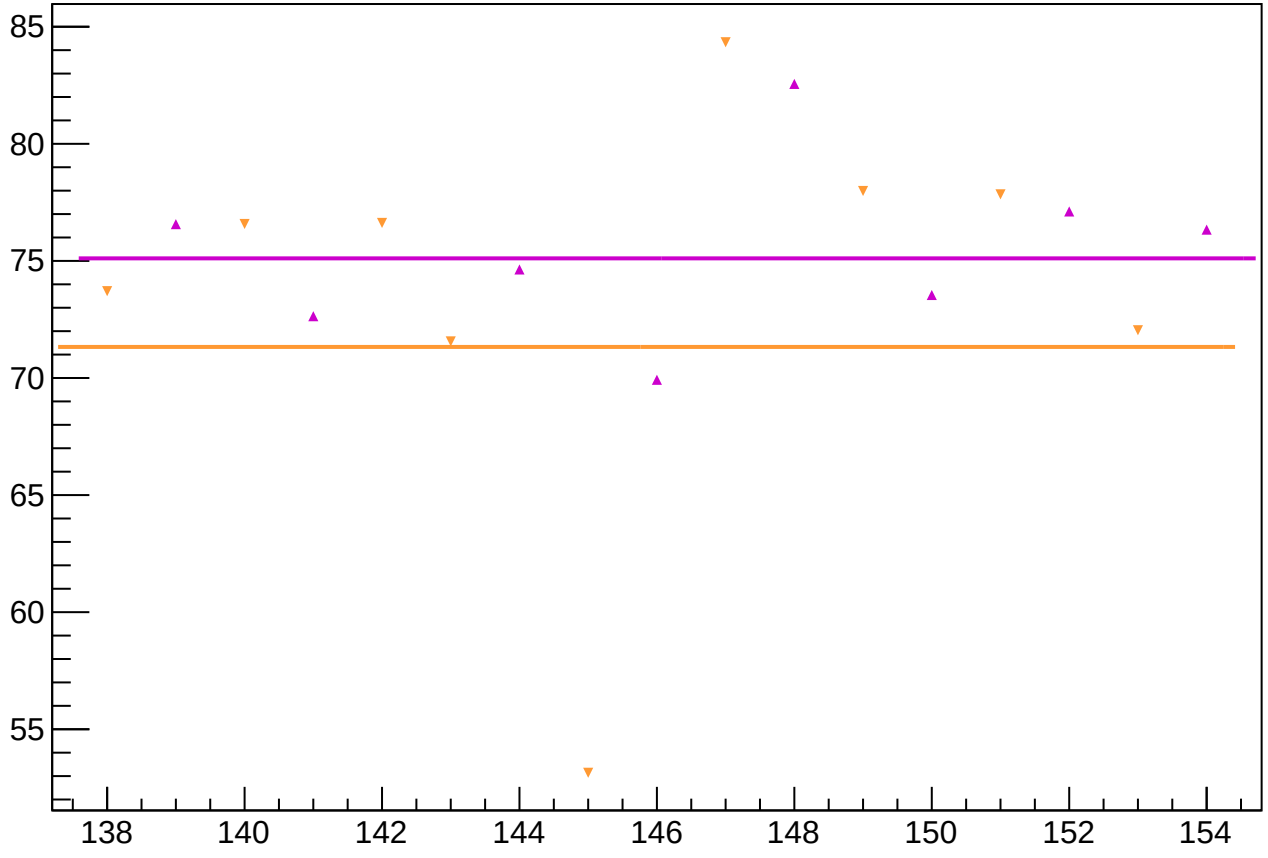
Left In: 33.458+/-29.414 χ^2/NDF:3.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -14.694+/-20.343 χ^2/NDF: 22.9/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 71.326+/-0.020 χ^2/NDF:245486.9/8

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

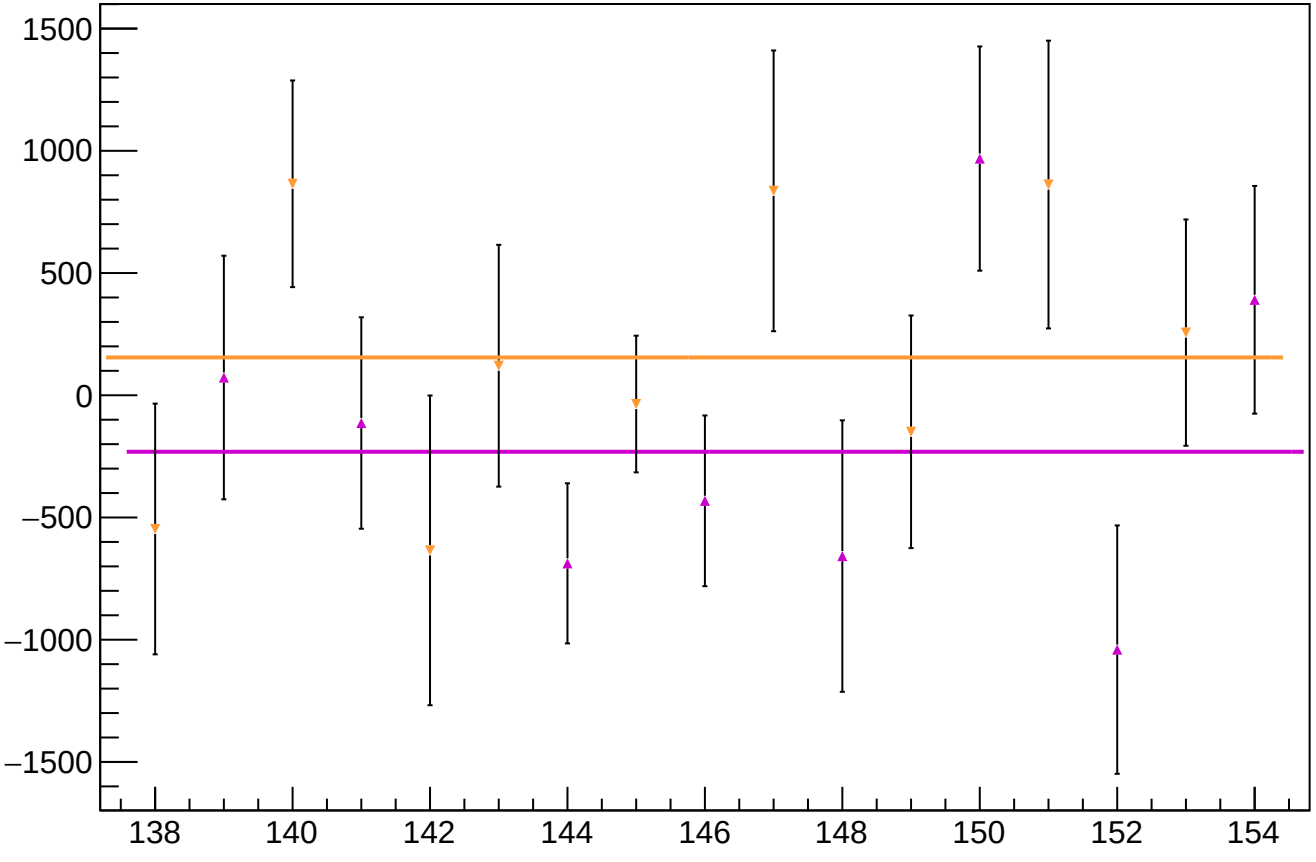
Left In: 75.109+/-0.021 χ^2/NDF:26647.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 73.136+/-0.014 χ^2/NDF: 289386.0/16

- 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: 154.767+/-151.132 χ^2/NDF:10.0/8

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

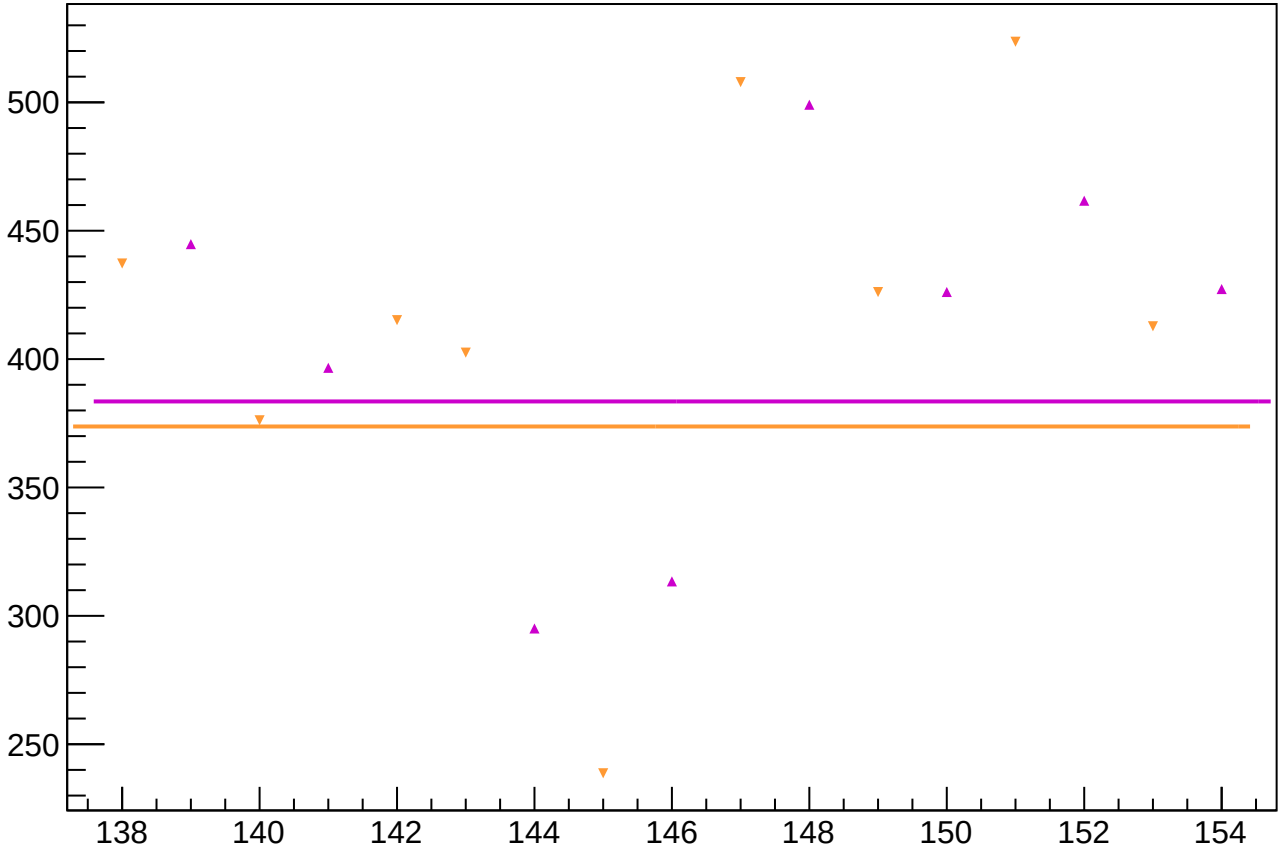
Left In: -231.168+/-151.828 χ^2/NDF:14.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -37.313+/-107.112 χ^2/NDF: 27.7/16

- 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: 373.754+/-0.107 χ^2/NDF:790158.0/8

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

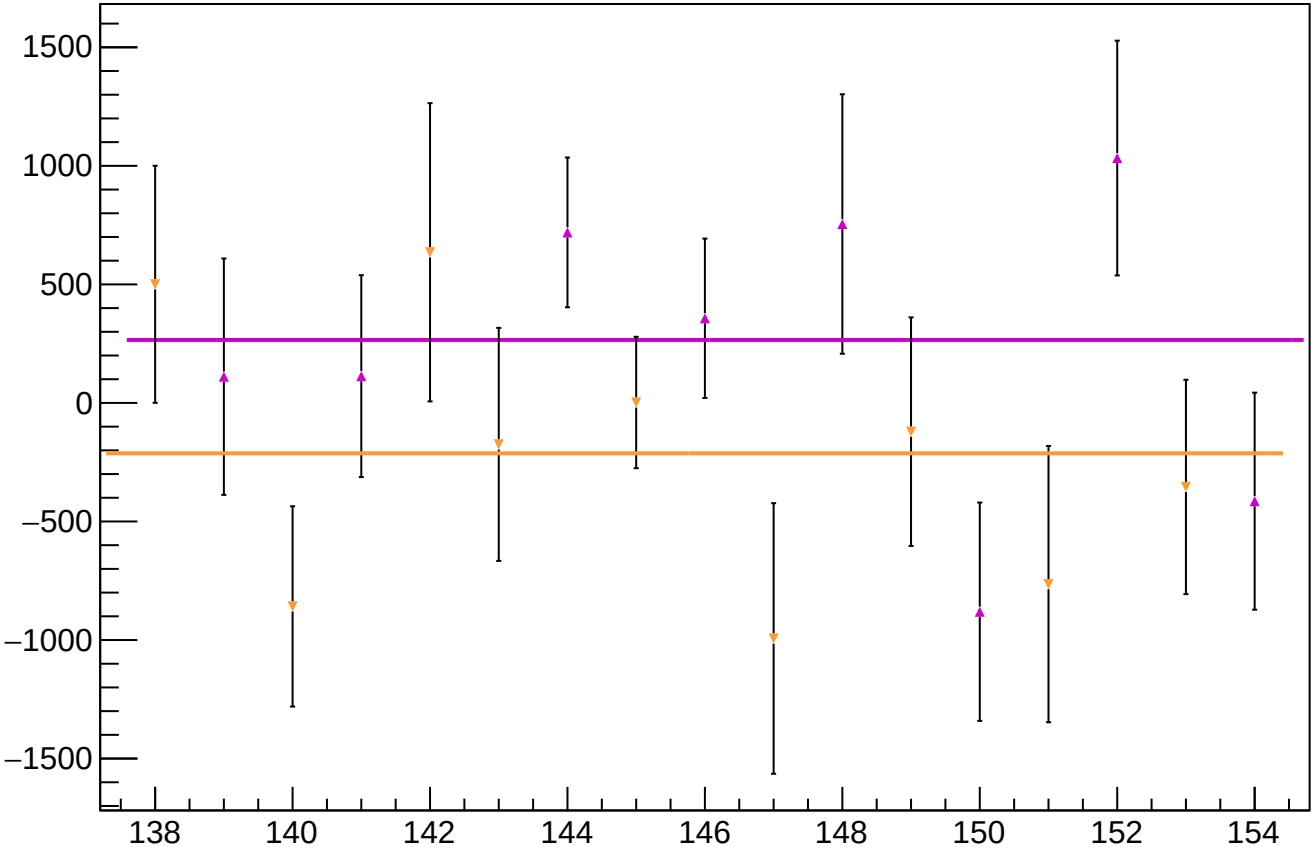
Left In: 383.508+/-0.107 χ^2/NDF:427377.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 378.609+/-0.076 χ^2/NDF: 1221681.9/16

- 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: -212.503+/-149.898 χ^2/NDF:9.7/8

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

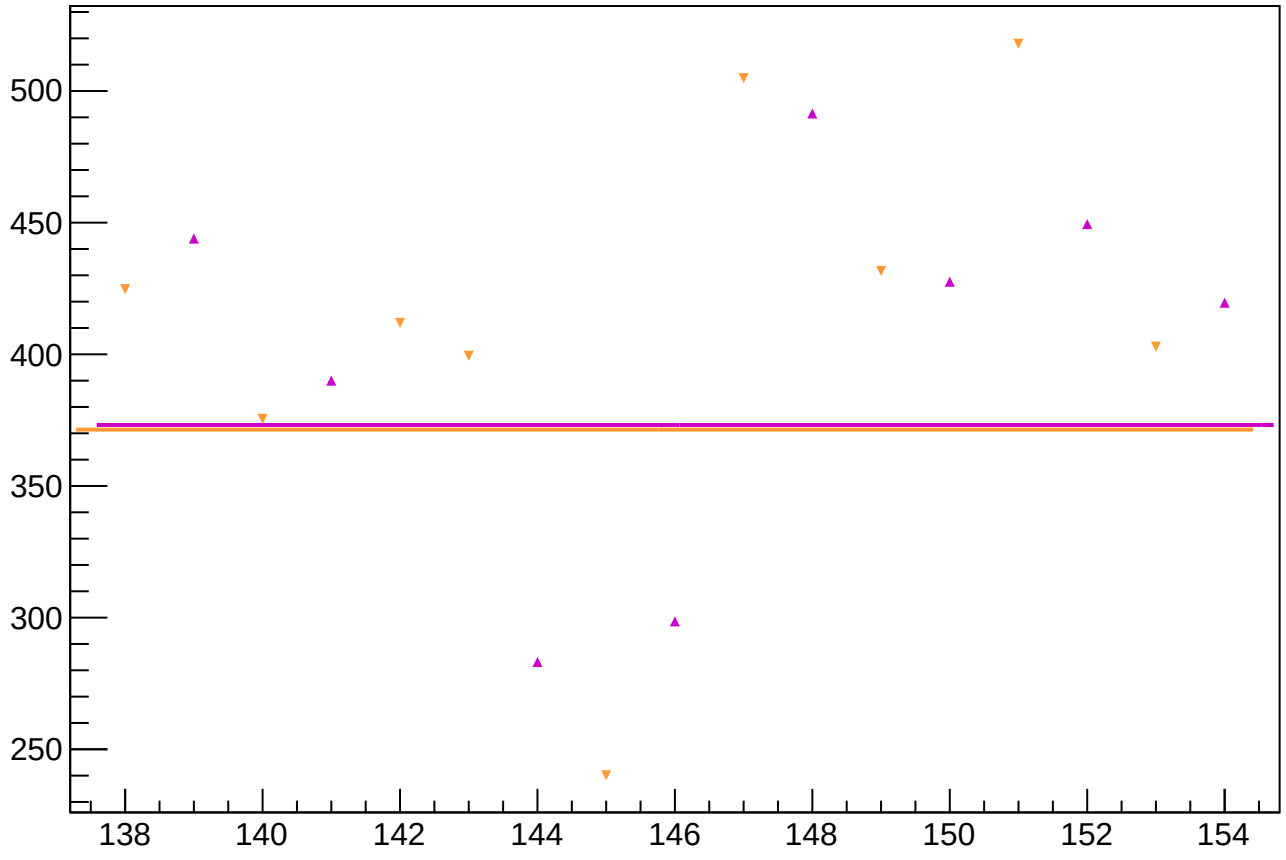
Left In: 265.698+/-148.535 χ^2/NDF:14.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 28.782+/-105.509 χ^2/NDF: 28.8/16

- 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: 371.409+/-0.106 χ^2/NDF:763397.7/8

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

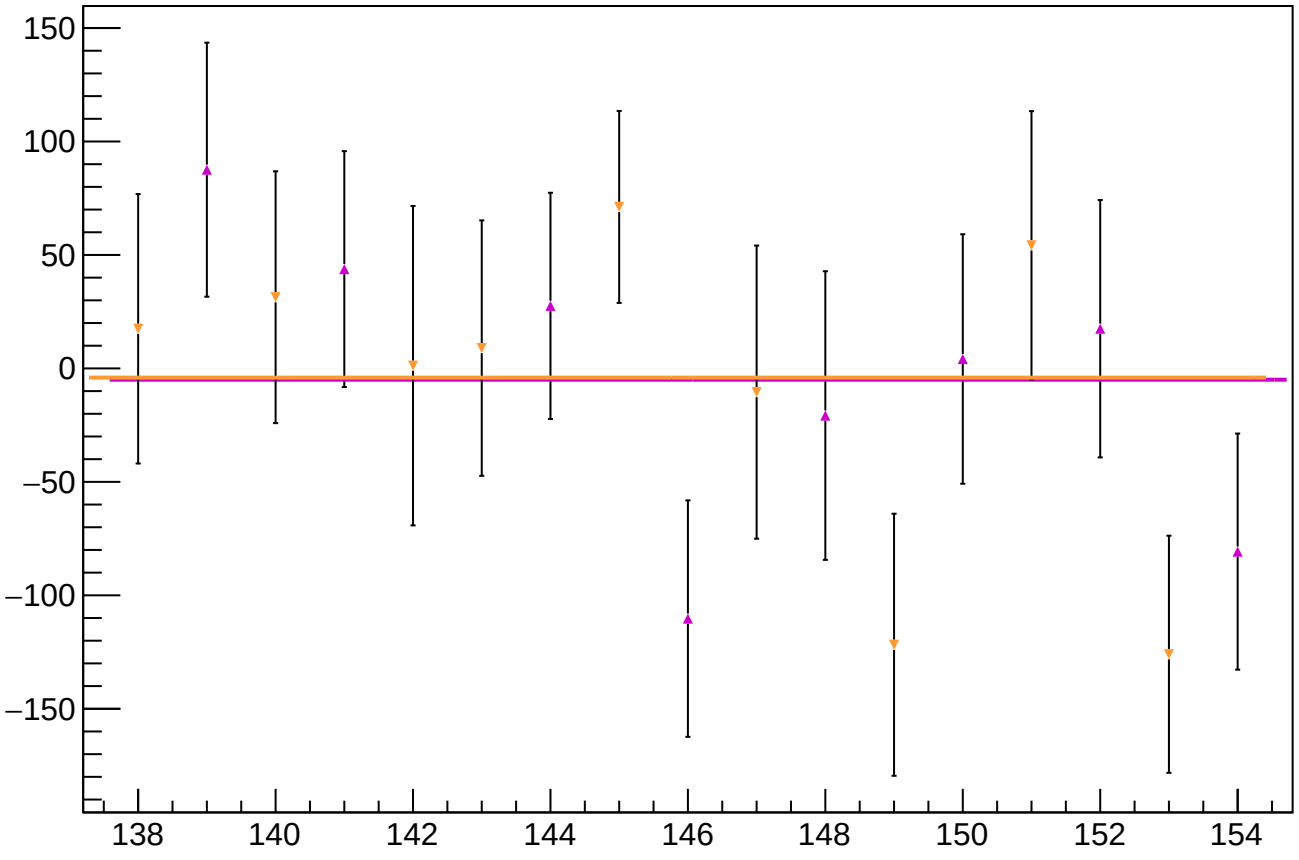
Left In: 373.165+/-0.105 χ^2/NDF:493861.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 372.295+/-0.075 χ^2/NDF: 1257398.0/16

- 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: -4.056+/-18.645 χ^2/NDF:14.3/8

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

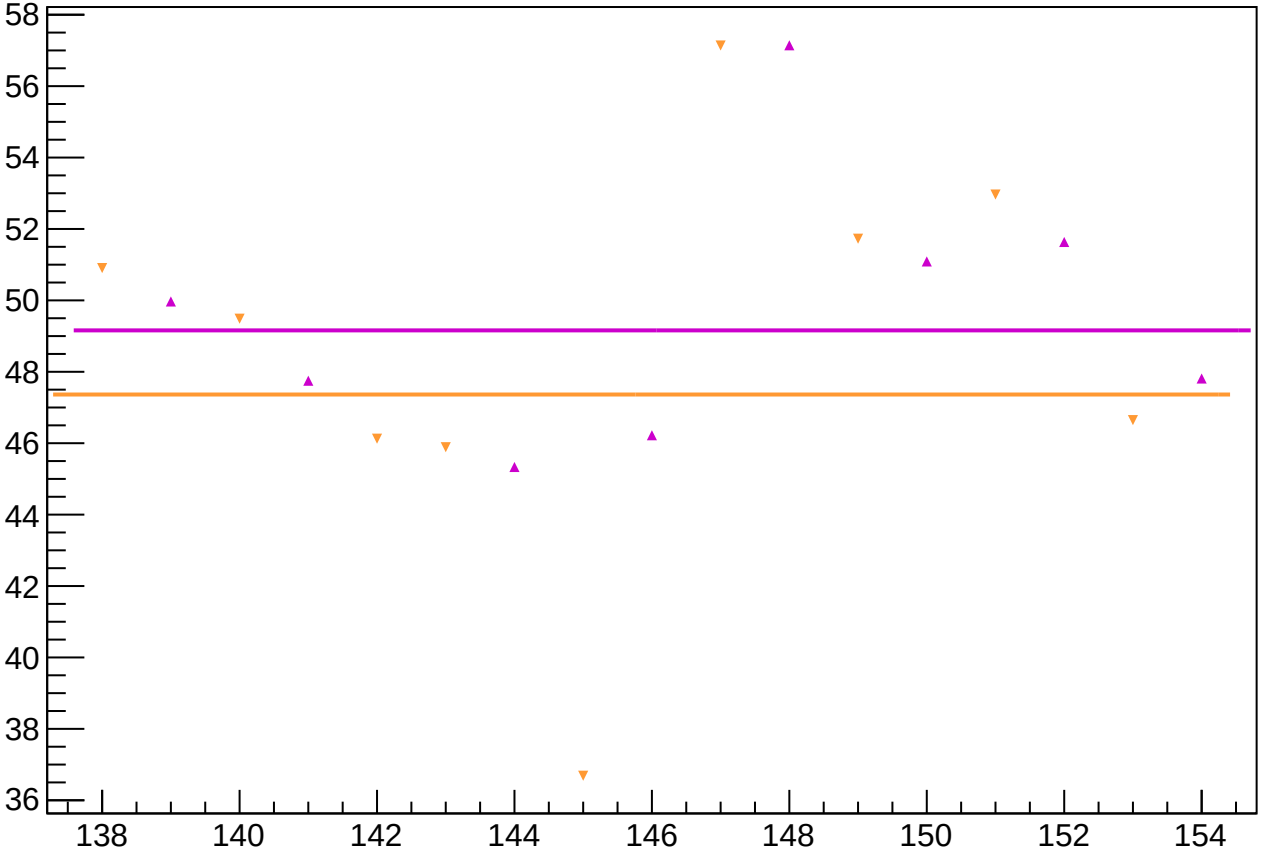
Left In: -4.973+/-19.180 χ^2/NDF:10.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.501+/-13.369 χ^2/NDF: 24.8/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 47.364+/-0.013 χ^2/NDF:215008.6/8

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

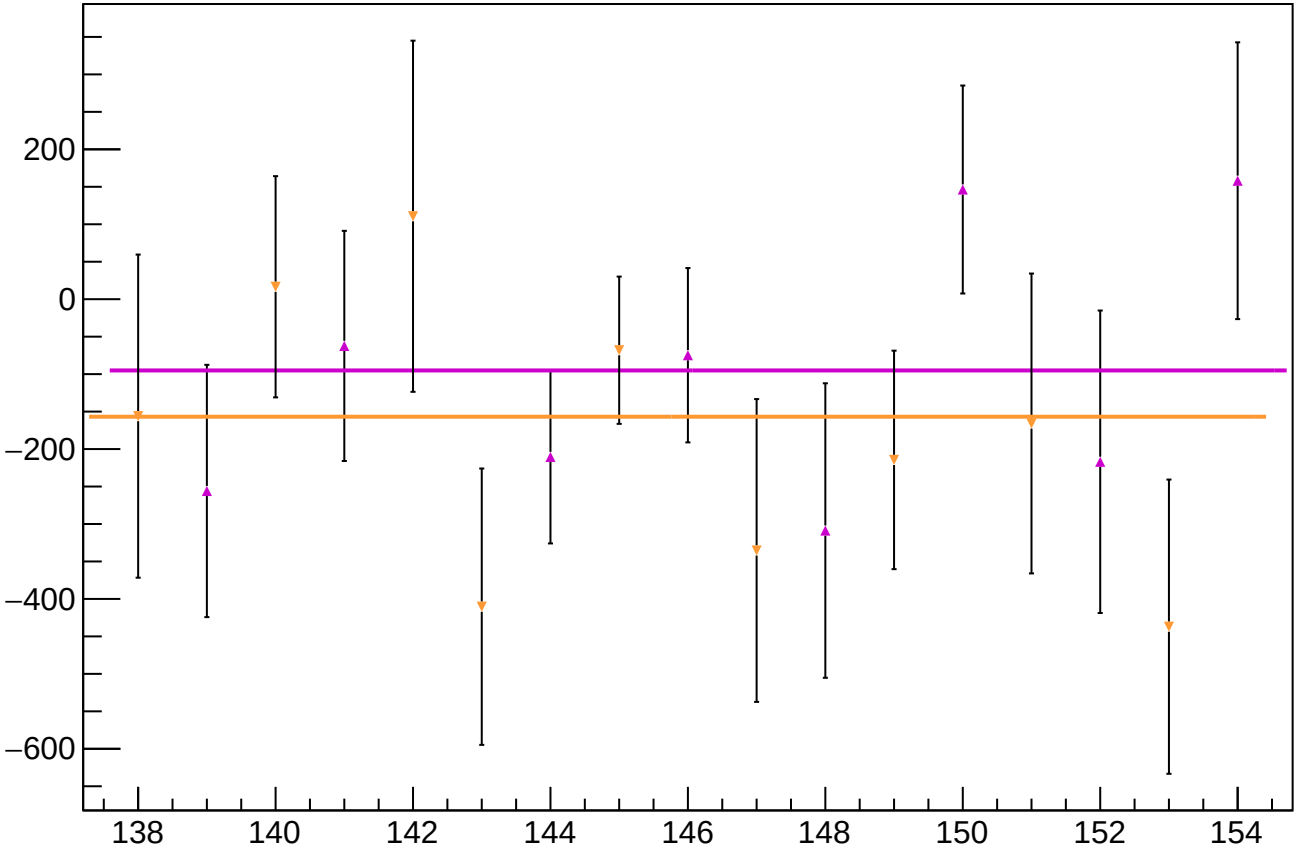
Left In: 49.160+/-0.014 χ^2/NDF:59164.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 48.236+/-0.009 χ^2/NDF: 283191.3/16

- 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: -156.822+/-54.149 χ^2/NDF:8.4/8

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

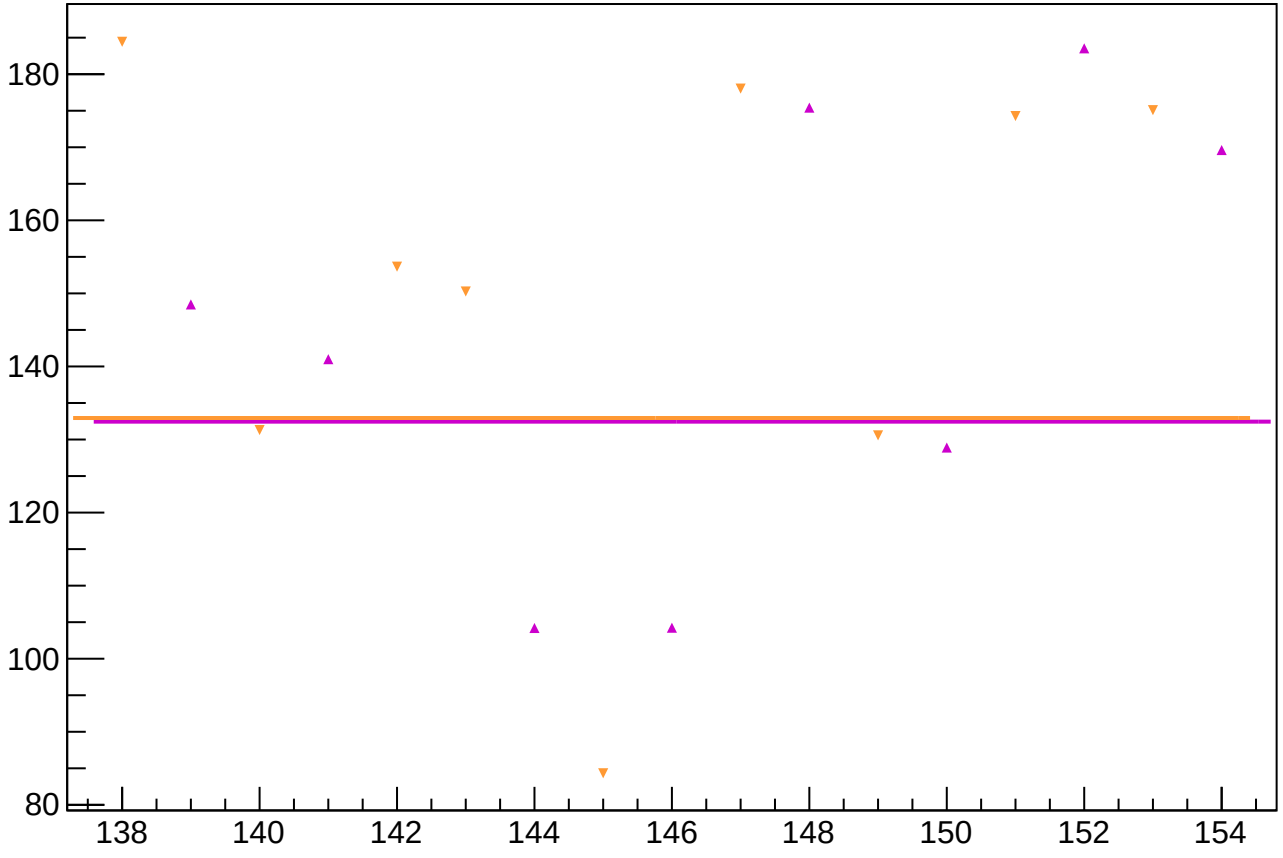
Left In: -95.085+/-52.831 χ^2/NDF:8.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -125.193+/-37.814 χ^2/NDF: 17.5/16

- 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: 132.944+/-0.038 χ^2/NDF:914915.8/8

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

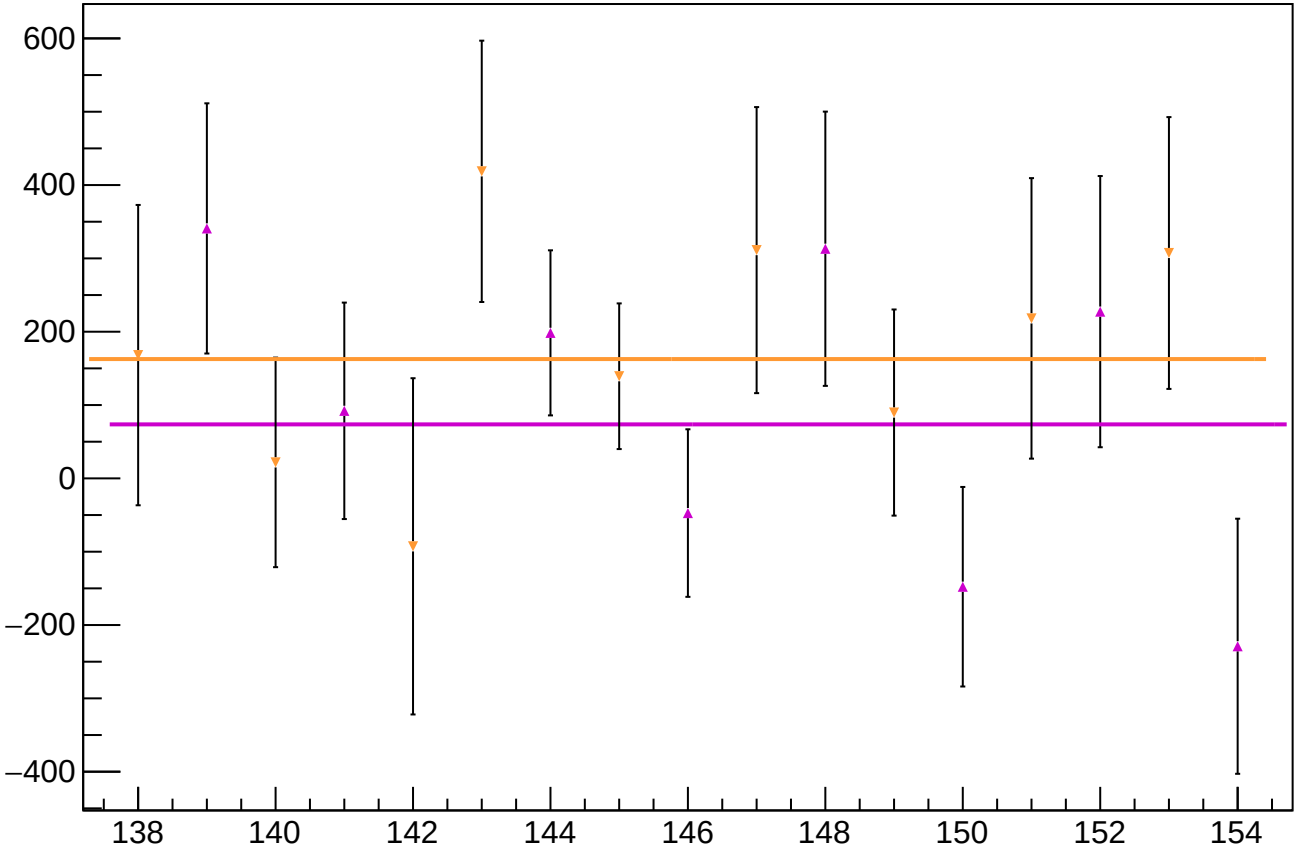
Left In: 132.447+/-0.037 χ^2/NDF:567707.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 132.689+/-0.027 χ^2/NDF: 1482709.8/16

- 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: 162.704+/-52.848 χ^2/NDF:5.9/8

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

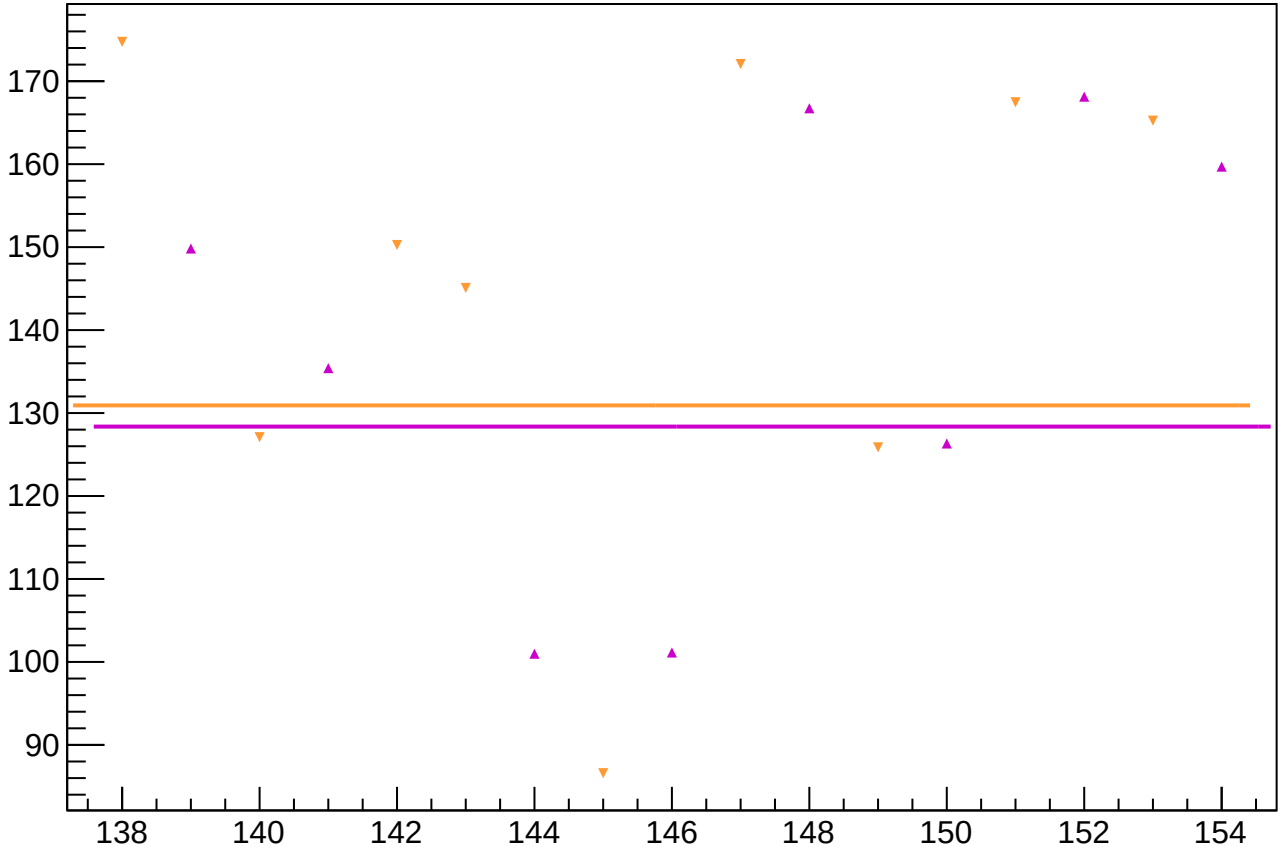
Left In: 73.636+/-51.250 χ^2/NDF:12.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 116.803+/-36.791 χ^2/NDF: 20.2/16

- 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: 130.924+/-0.037 χ^2/NDF:751467.2/8

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

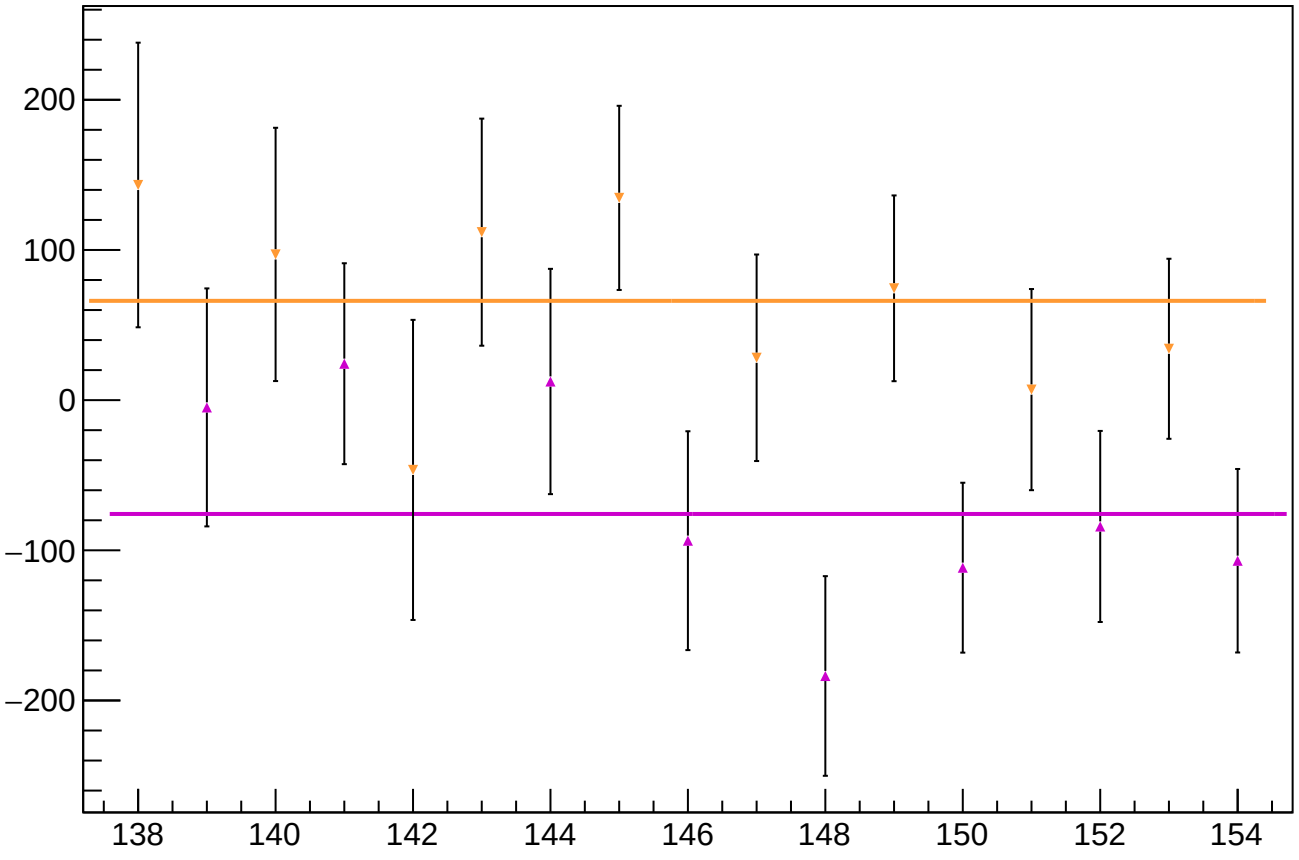
Left In: 128.368+/-0.036 χ^2/NDF:510156.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 129.607+/-0.026 χ^2/NDF: 1264033.8/16

- 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: 66.122+/-23.789 χ^2/NDF:5.1/8

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

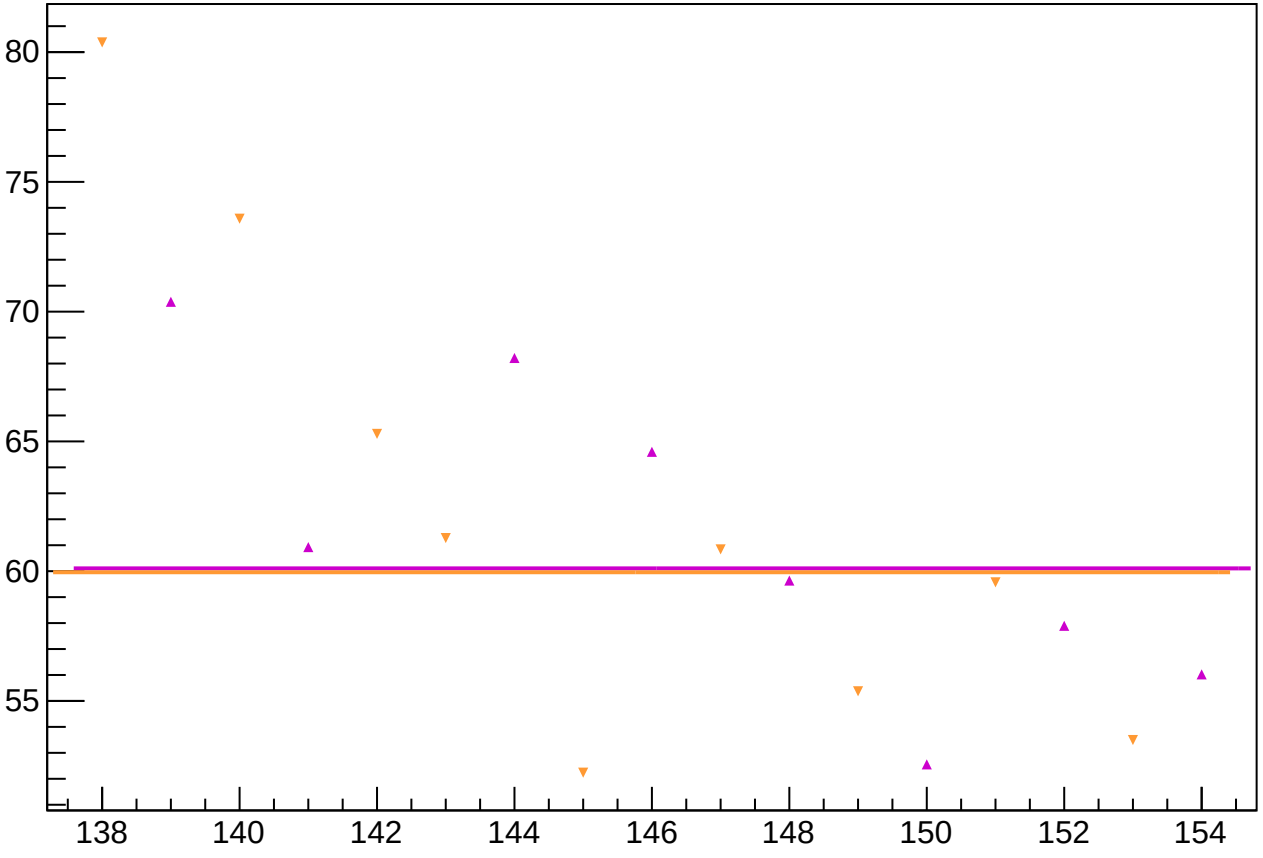
Left In: -75.801+/-23.554 χ^2/NDF:7.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.544+/-16.737 χ^2/NDF: 30.8/16

- 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: 59.959+/-0.017 χ^2/NDF:217679.9/8

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

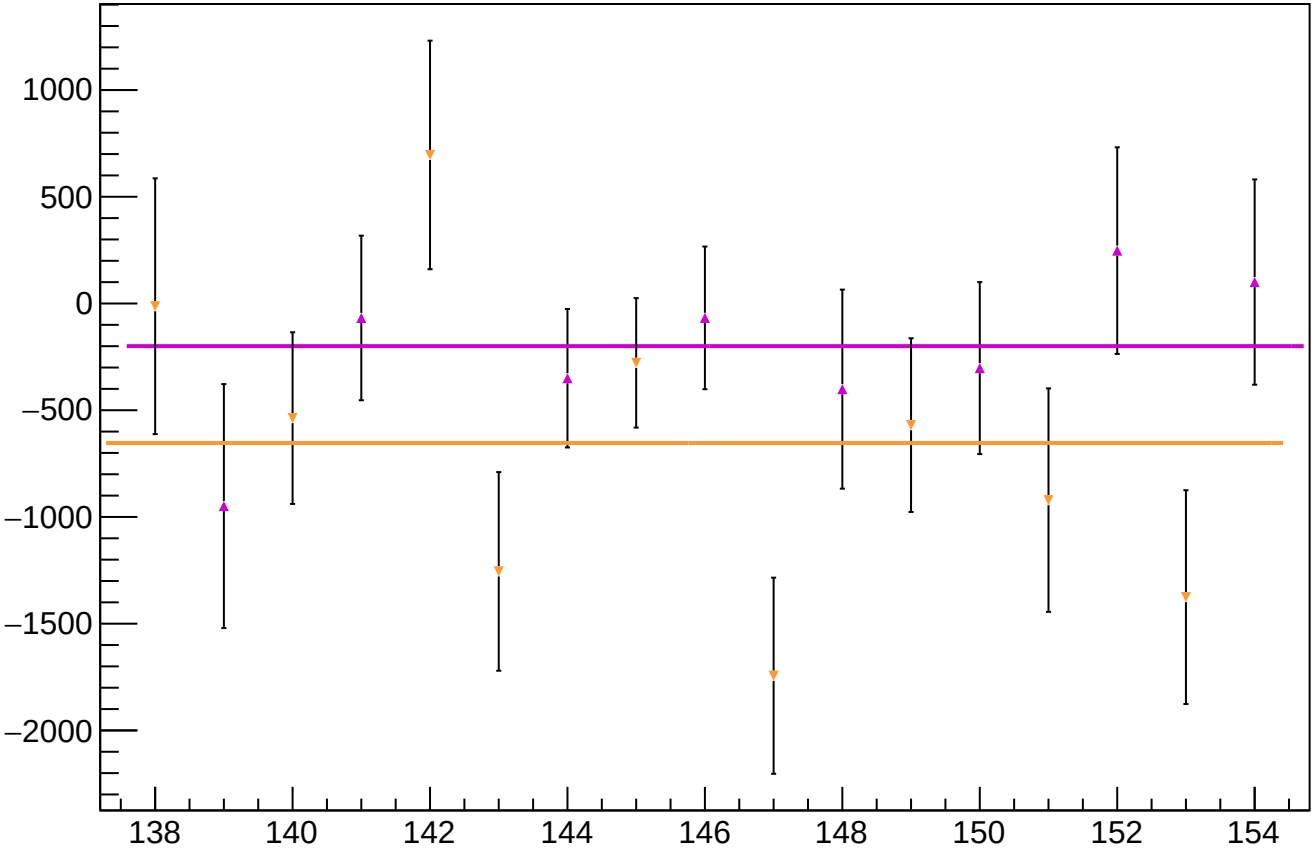
Left In: 60.107+/-0.017 χ^2/NDF:111972.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 60.034+/-0.012 χ^2/NDF: 329691.3/16

- 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: -653.528+/-146.859 χ^2/NDF:18.8/8

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

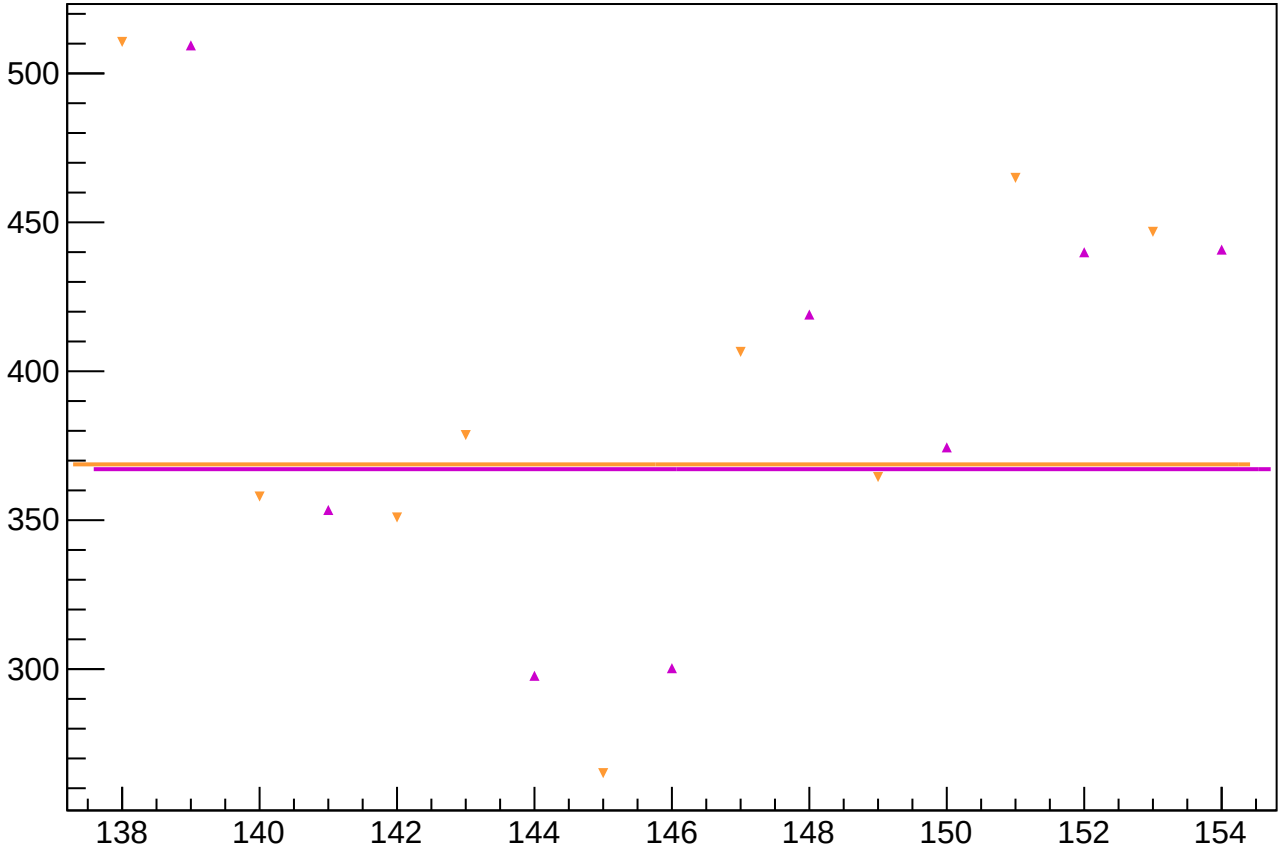
Left In: -199.788+/-144.933 χ^2/NDF:3.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -423.663+/-103.158 χ^2/NDF: 27.3/16

- 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: 368.739+/-0.104 χ^2/NDF:480178.0/8

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

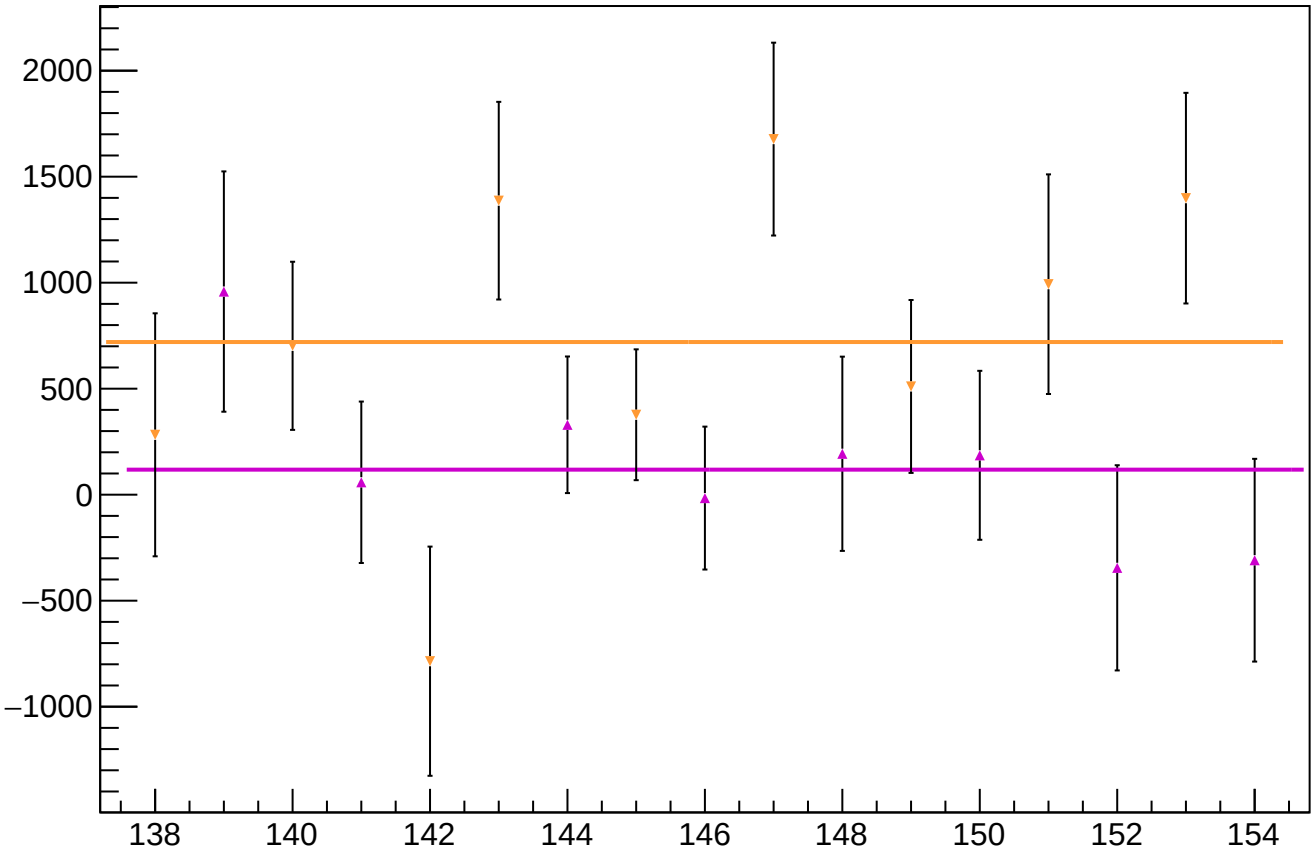
Left In: 367.125+/-0.102 χ^2/NDF:415713.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 367.921+/-0.073 χ^2/NDF: 896014.2/16

- 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: 720.086+/-146.559 χ^2/NDF:18.5/8

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

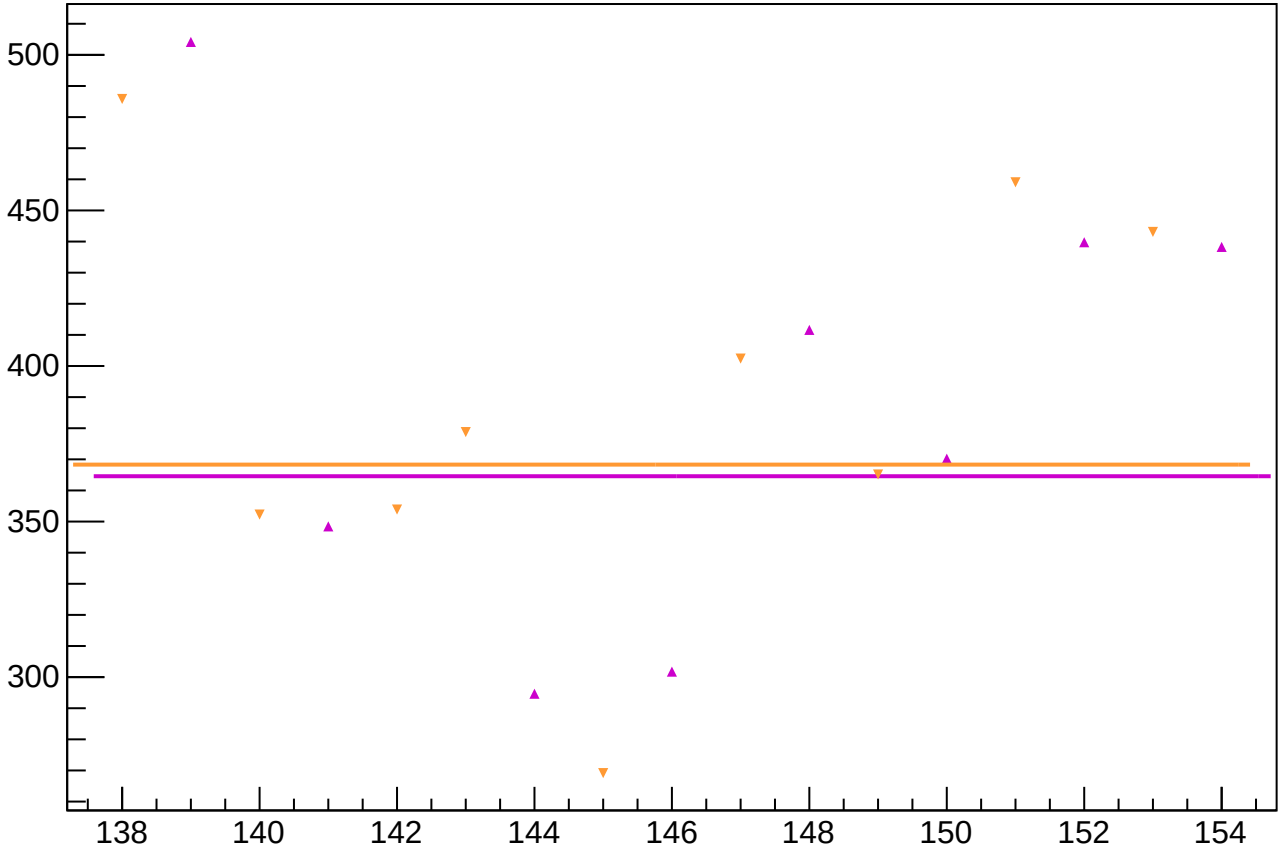
Left In: 118.092+/-144.105 χ^2/NDF:4.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 414.007+/-102.754 χ^2/NDF: 31.6/16

- 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: 368.305+/-0.104 χ^2/NDF:414400.1/8

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

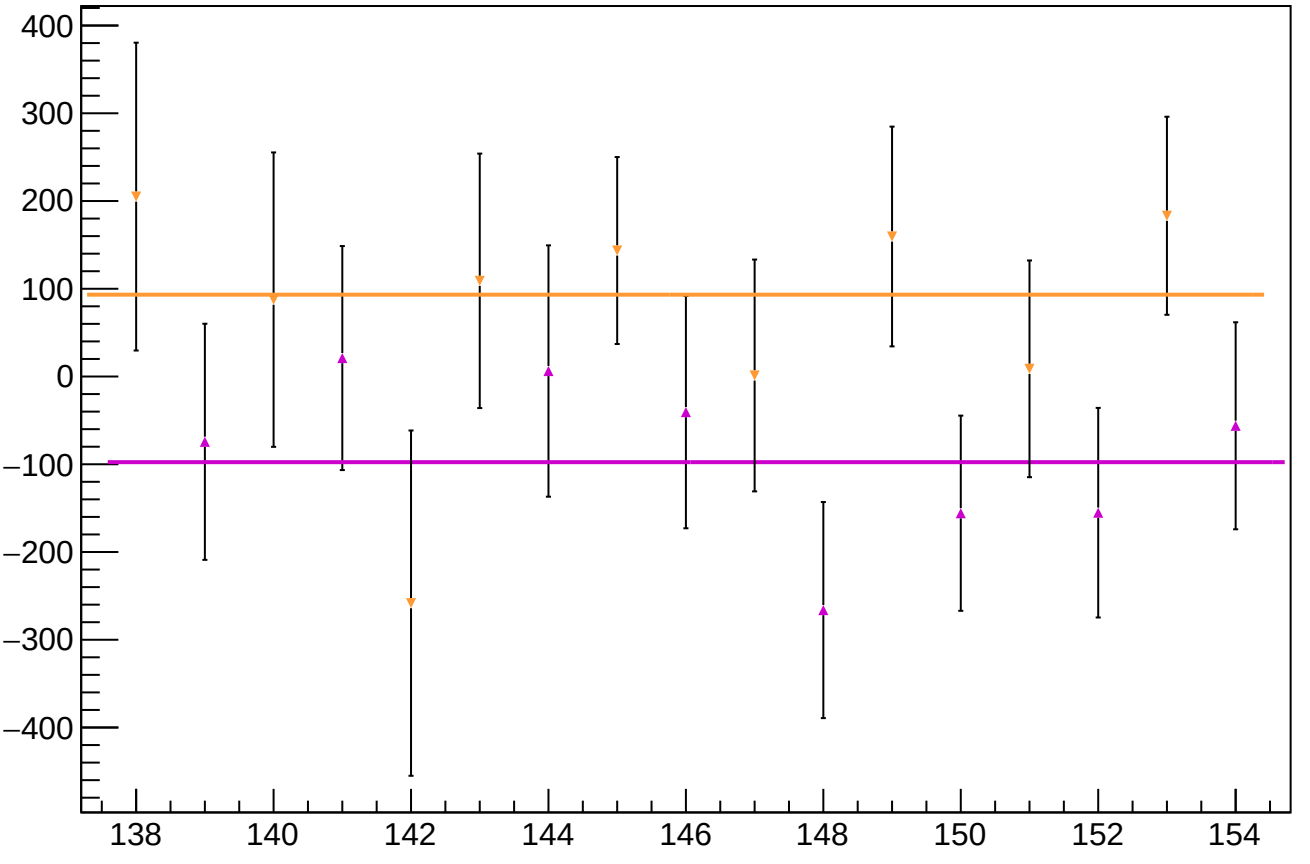
Left In: 364.572+/-0.102 χ^2/NDF:405836.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 366.407+/-0.073 χ^2/NDF: 820896.6/16

- 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: 93.275+/-44.962 χ^2/NDF:5.7/8

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

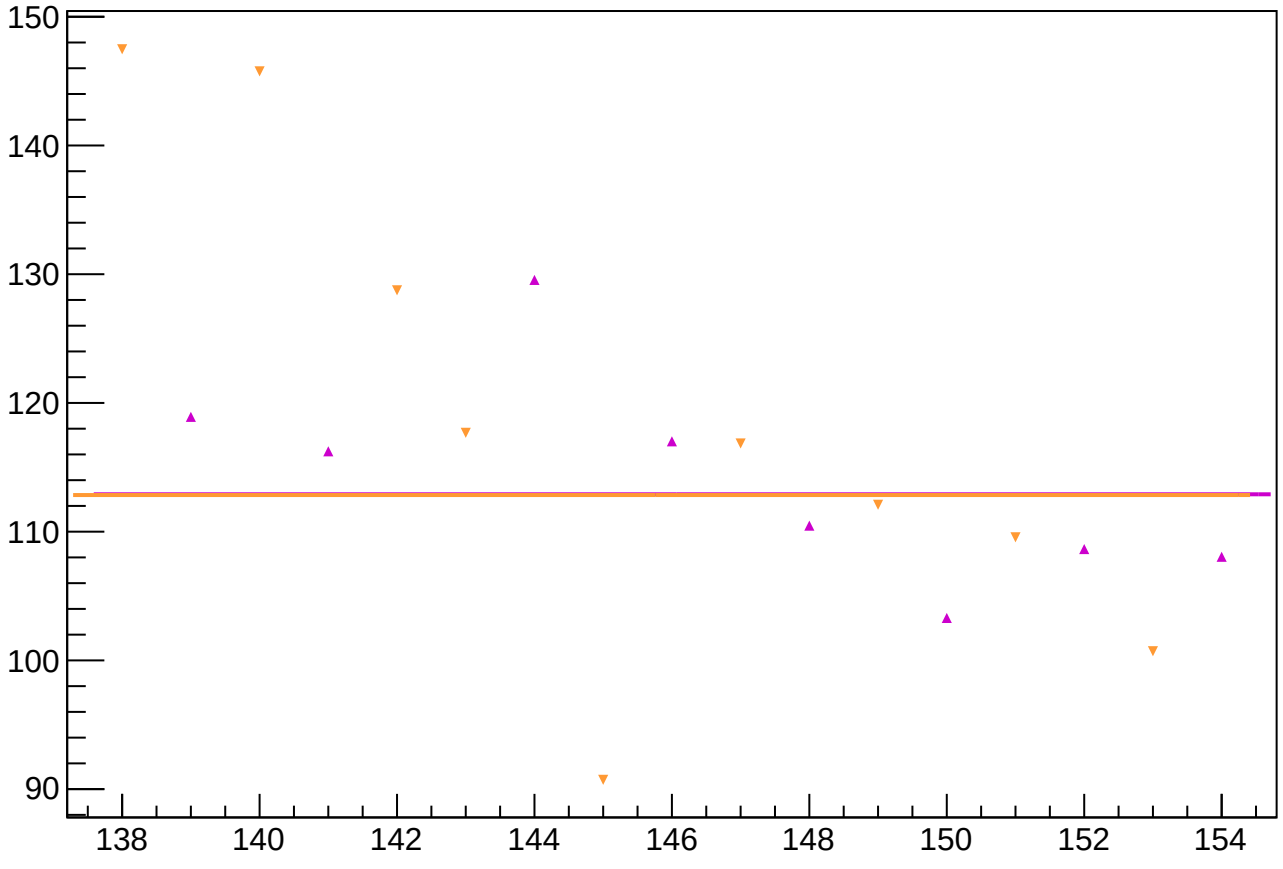
Left In: -97.609+/-44.229 χ^2/NDF:4.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.736+/-31.530 χ^2/NDF: 19.0/16

- 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: 112.845+/-0.032 χ^2/NDF:282889.5/8

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

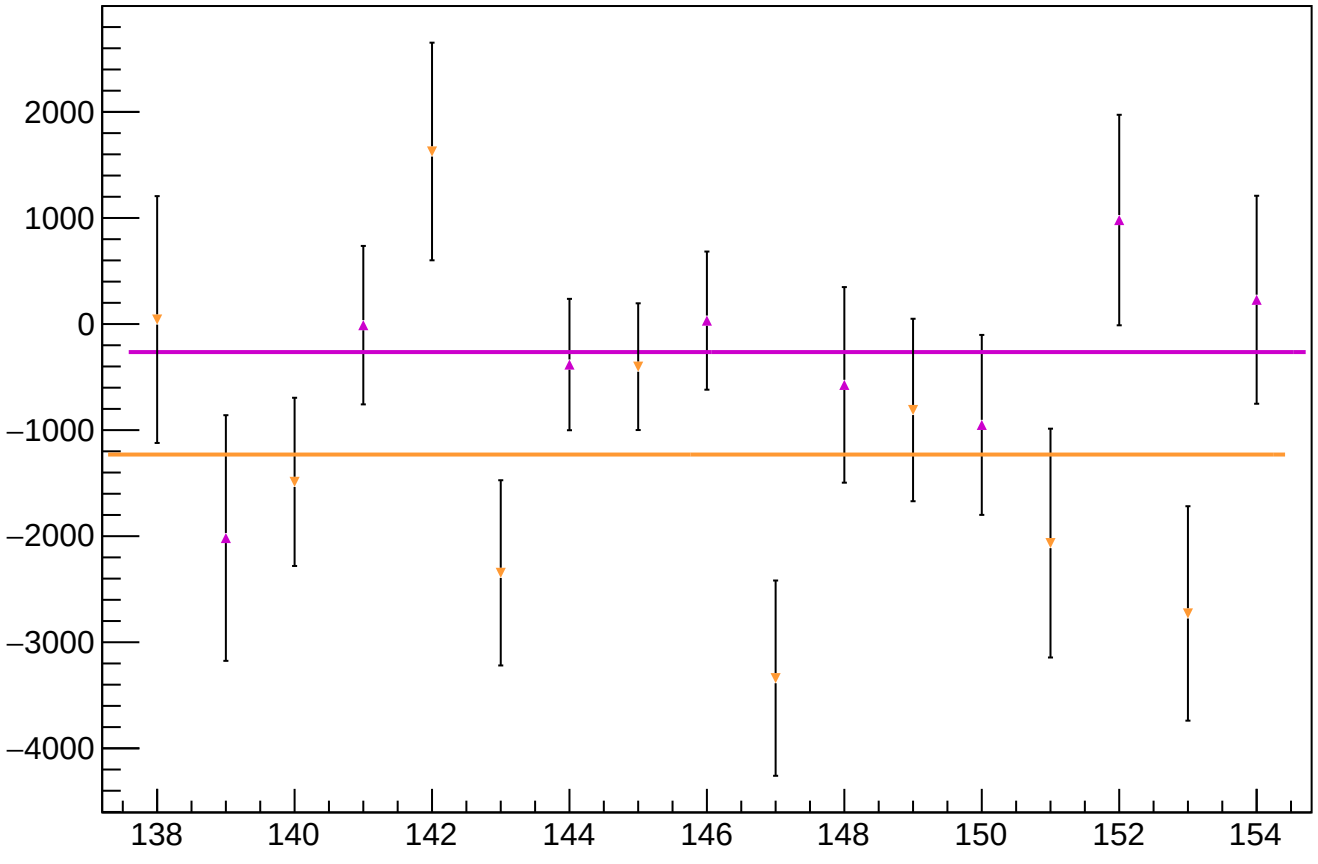
Left In: 112.903+/-0.031 χ^2/NDF:55965.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 112.875+/-0.022 χ^2/NDF: 338856.3/16

- 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: -1230.333+/-291.579 χ^2/NDF:20.9/8

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

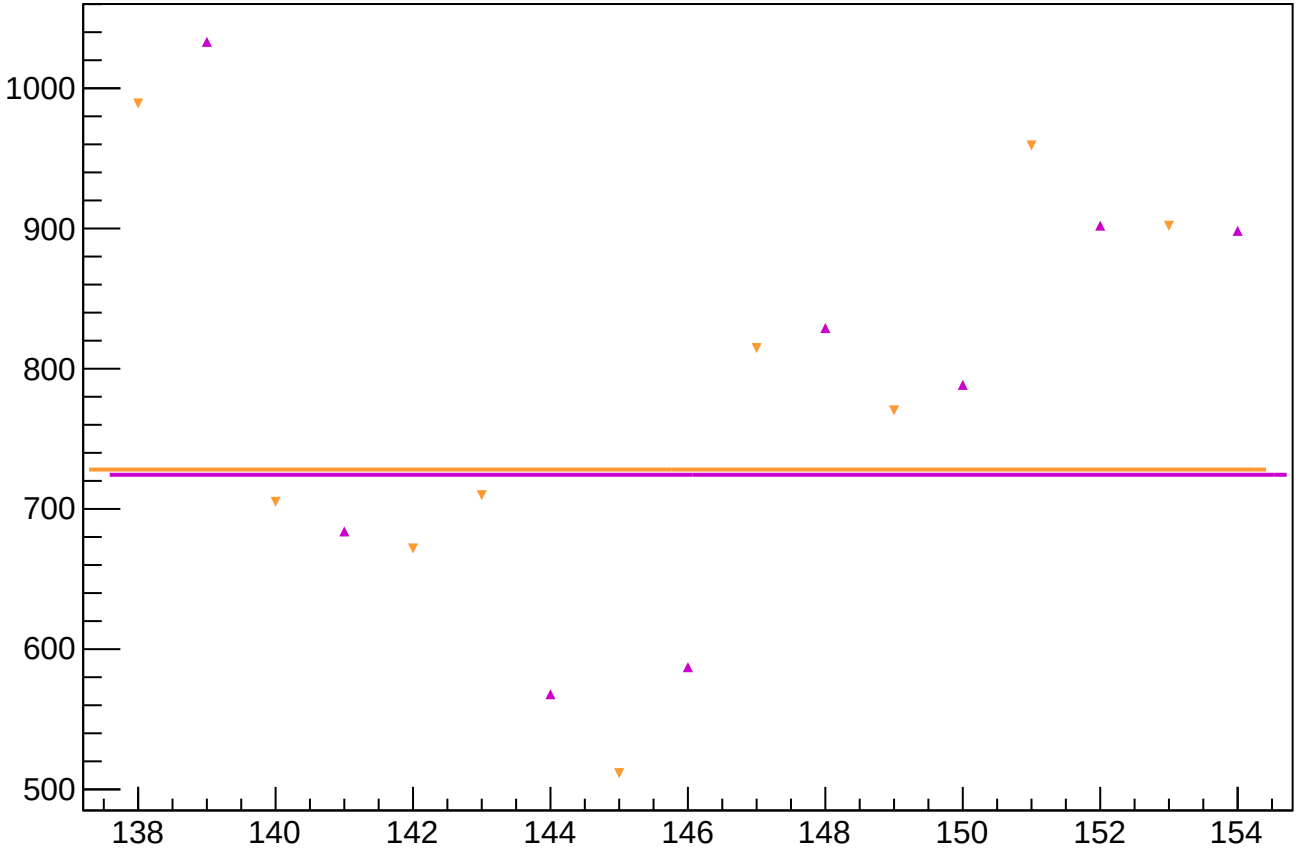
Left In: -264.277+/-287.183 χ^2/NDF:5.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -739.967+/-204.605 χ^2/NDF: 31.7/16

- 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: 728.087+/-0.206 χ^2/NDF:545475.3/8

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

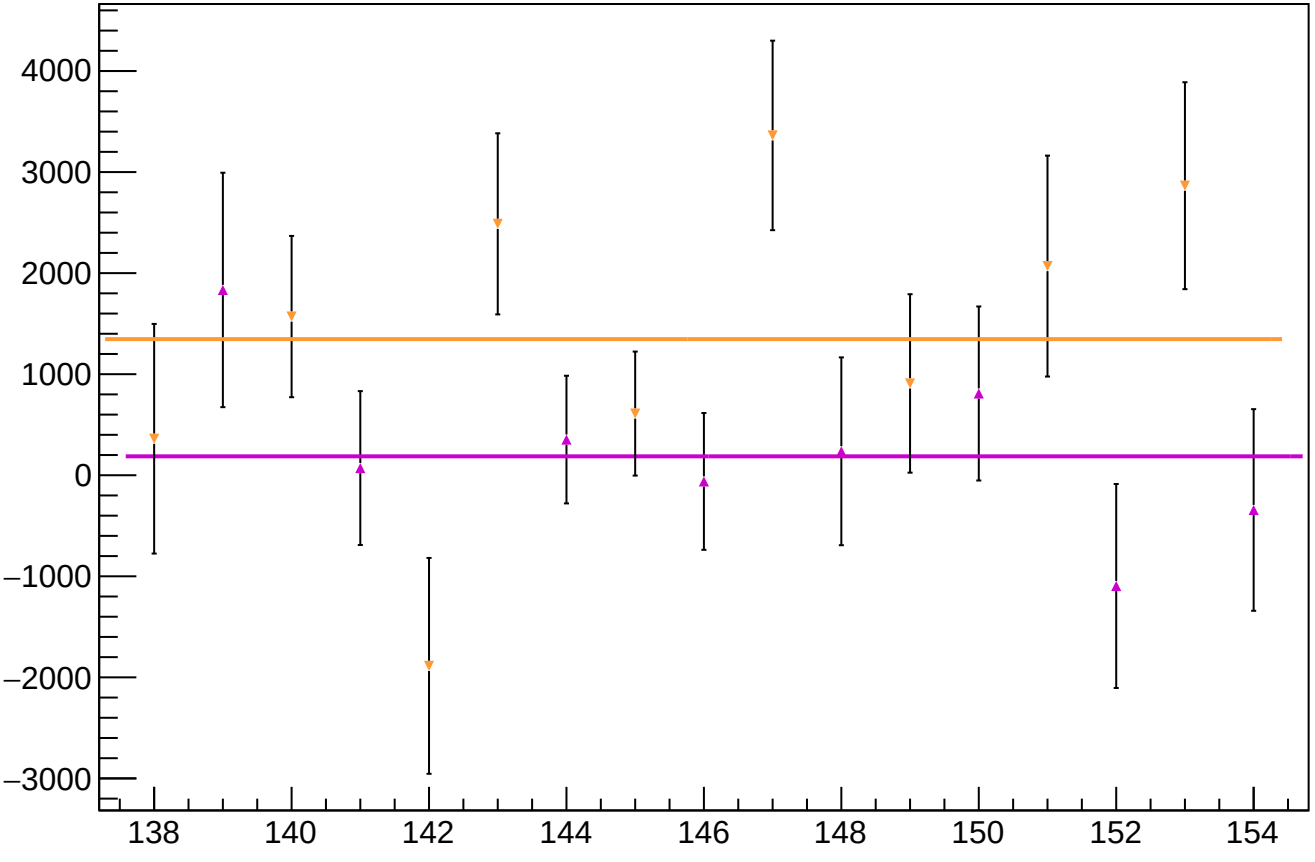
Left In: 724.368+/-0.203 χ^2/NDF:528800.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 726.199+/-0.145 χ^2/NDF: 1074441.1/16

- 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: 1346.938+/-297.035 χ^2/NDF:20.6/8

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

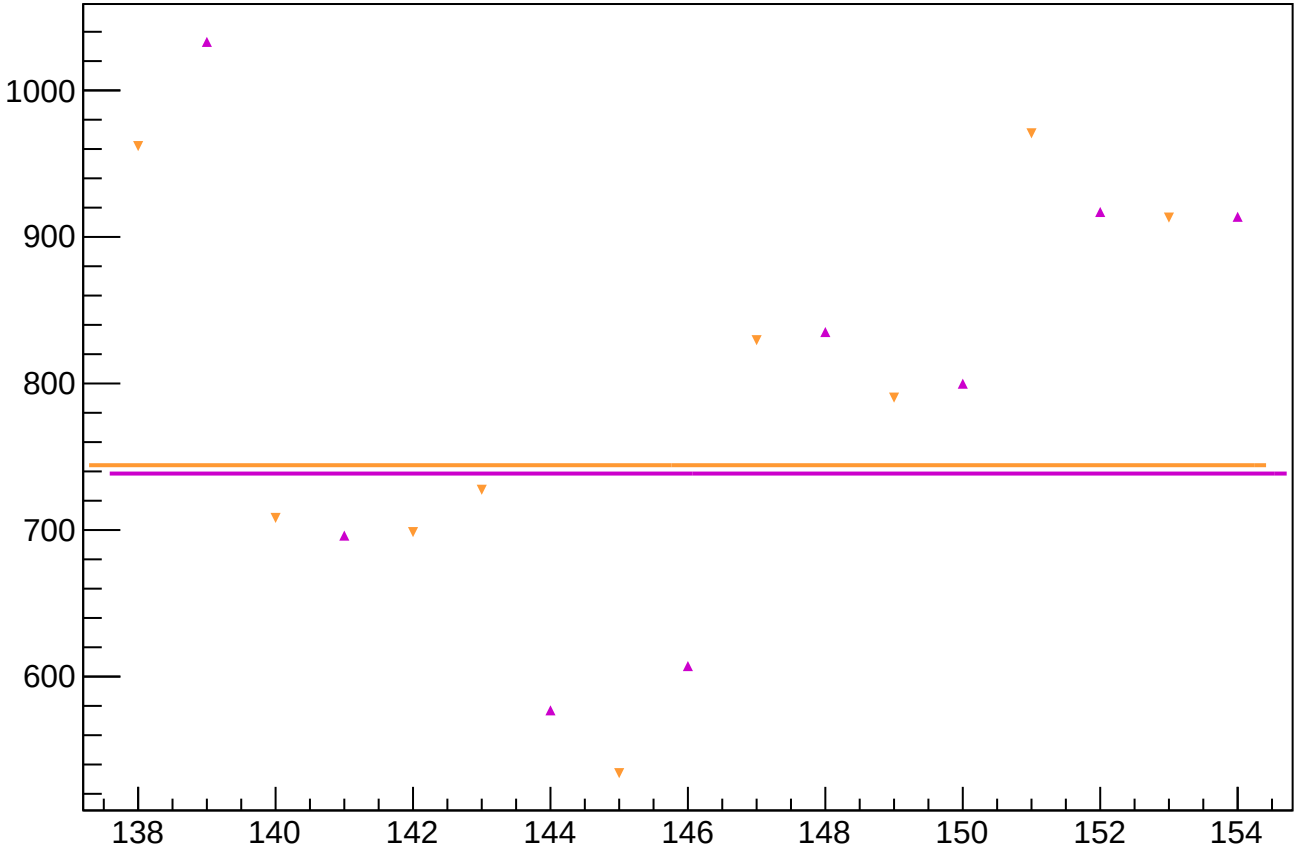
Left In: 187.157+/-292.968 χ^2/NDF:4.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 759.052+/-208.583 χ^2/NDF: 33.0/16

- 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: 744.239+/-0.210 χ^2/NDF:478797.0/8

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

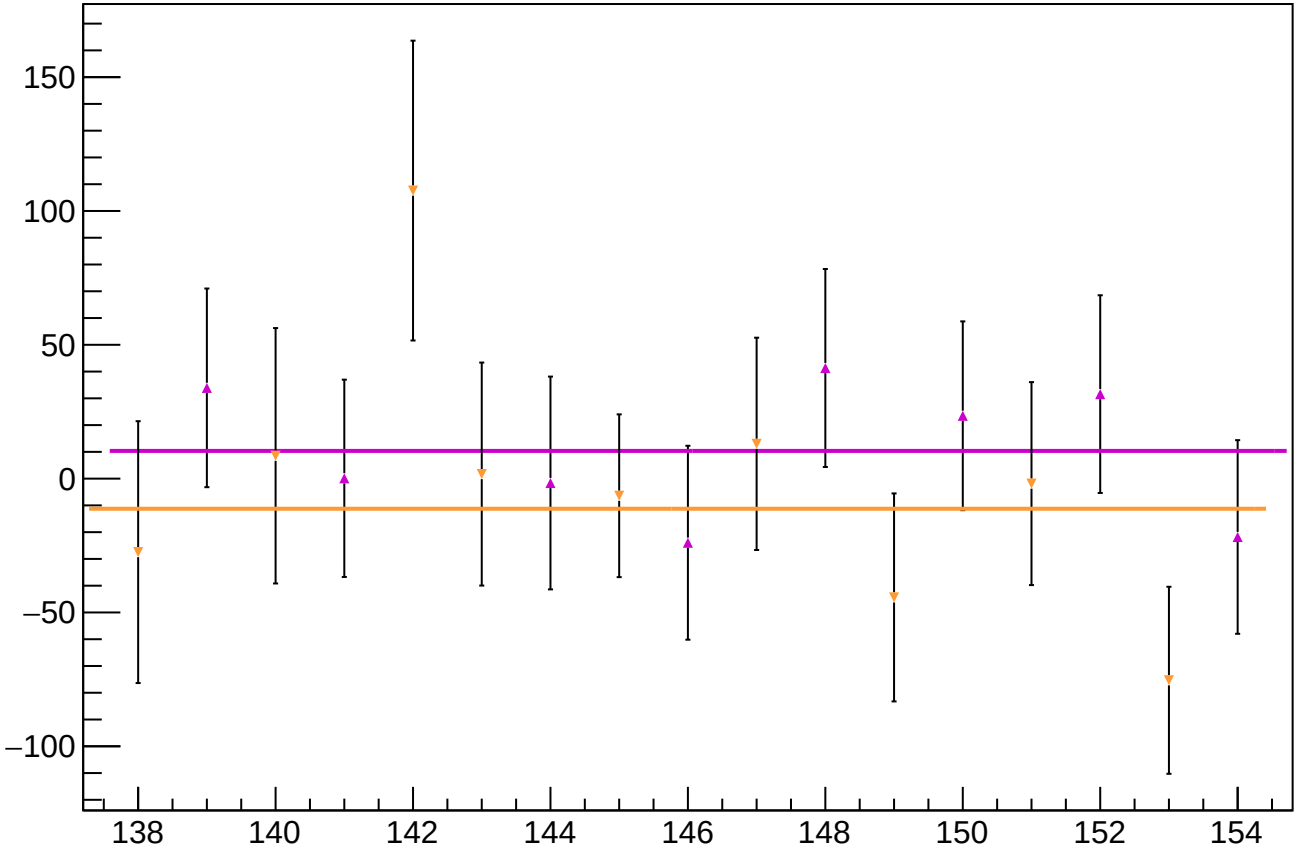
Left In: 738.536+/-0.207 χ^2/NDF:497381.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 741.349+/-0.147 χ^2/NDF: 976552.6/16

- 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: -11.247+/-13.307 χ^2/NDF:9.4/8

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

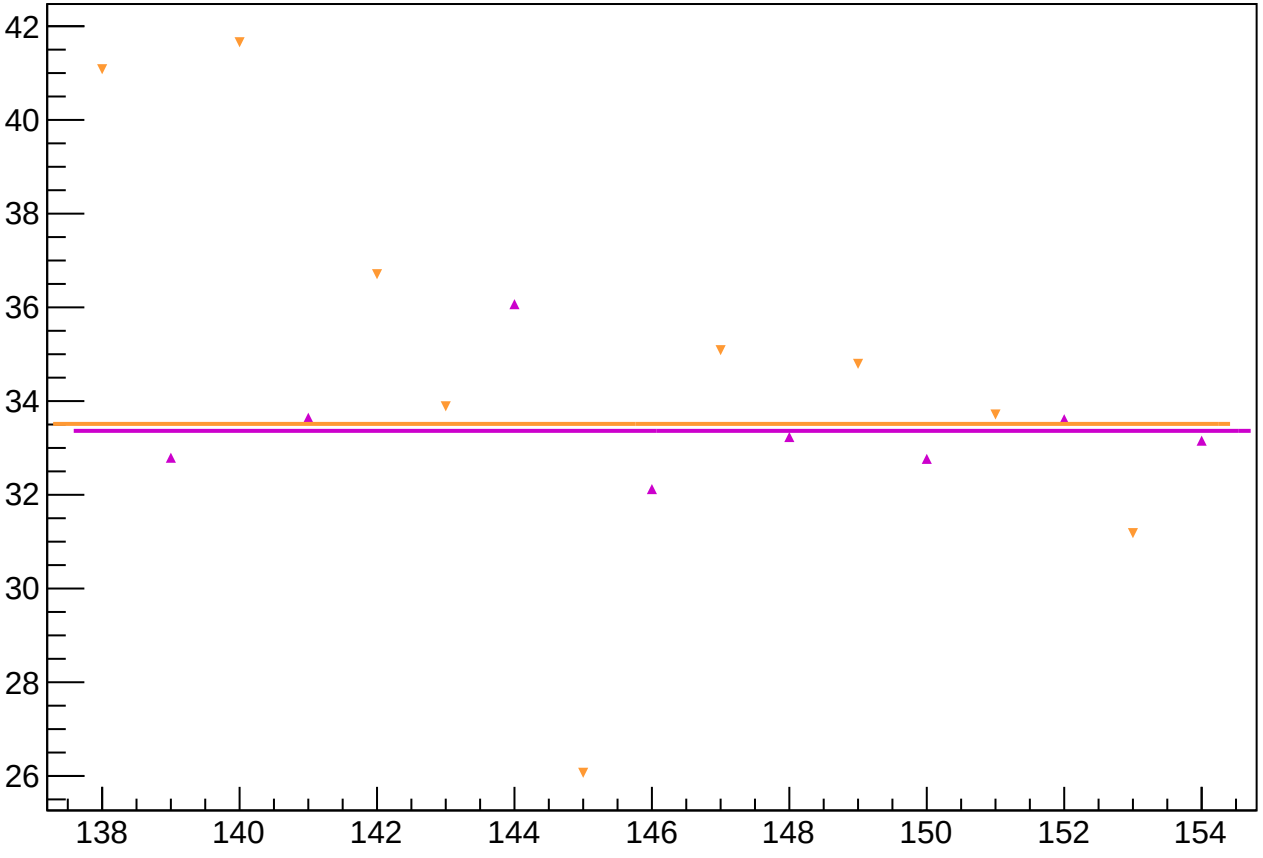
Left In: 10.359+/-13.031 χ^2/NDF:3.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.217+/-9.310 χ^2/NDF: 14.2/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 33.513+/-0.009 χ^2/NDF:247030.6/8

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

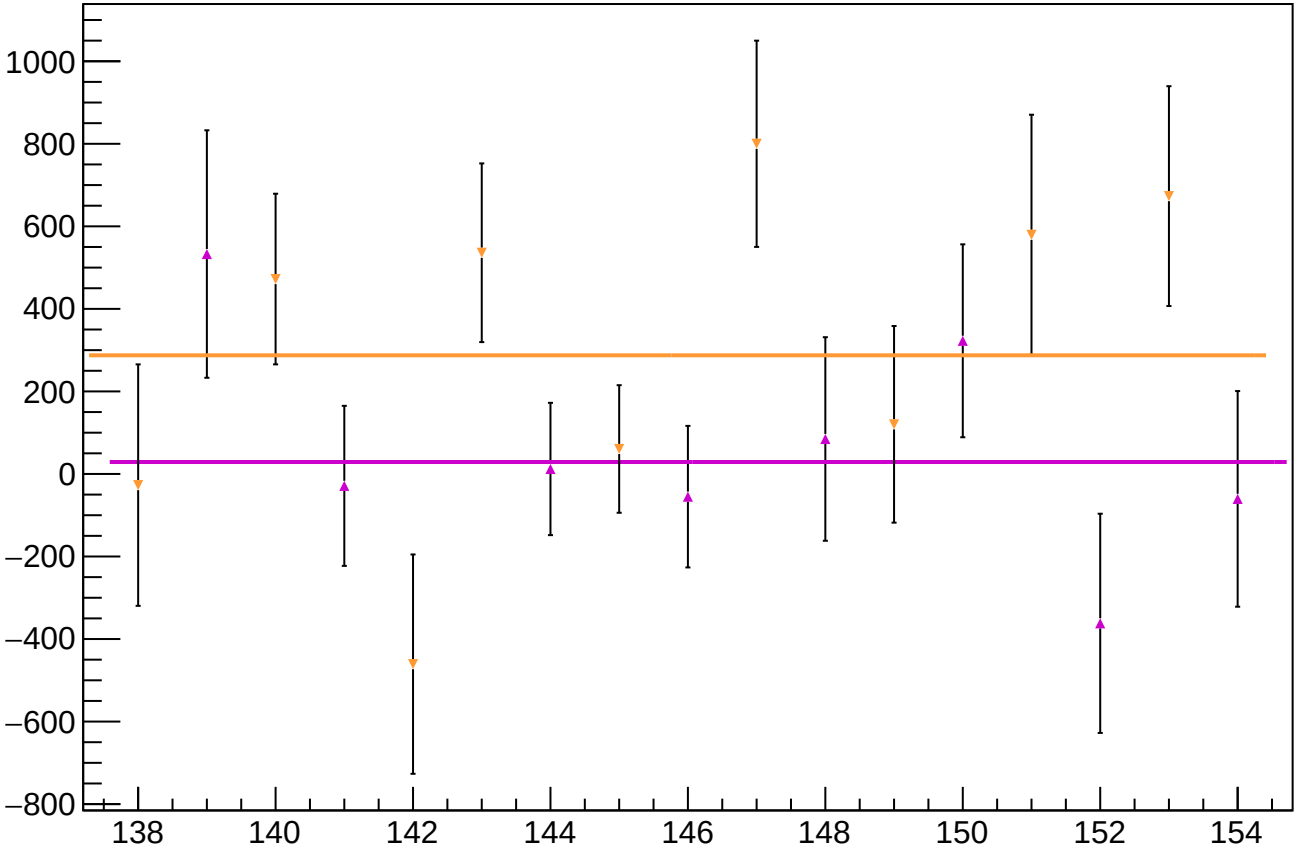
Left In: 33.365+/-0.009 χ^2/NDF:12952.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 33.437+/-0.007 χ^2/NDF: 260110.4/16

- 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: 287.529+/-76.254 χ^2/NDF:21.2/8

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

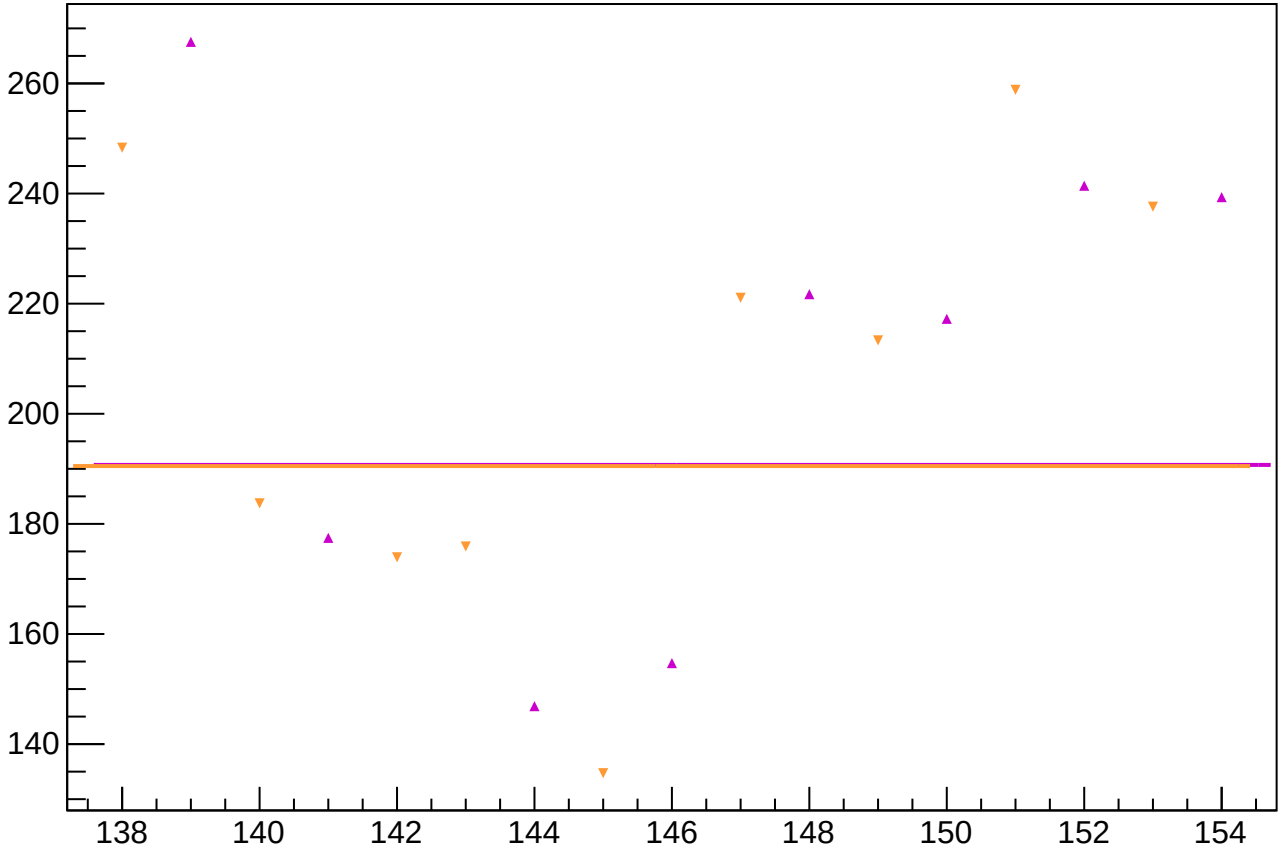
Left In: 28.944+/-75.765 χ^2/NDF:7.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 157.404+/-53.746 χ^2/NDF: 34.0/16

- 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: 190.503+/-0.054 χ^2/NDF:578934.1/8

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

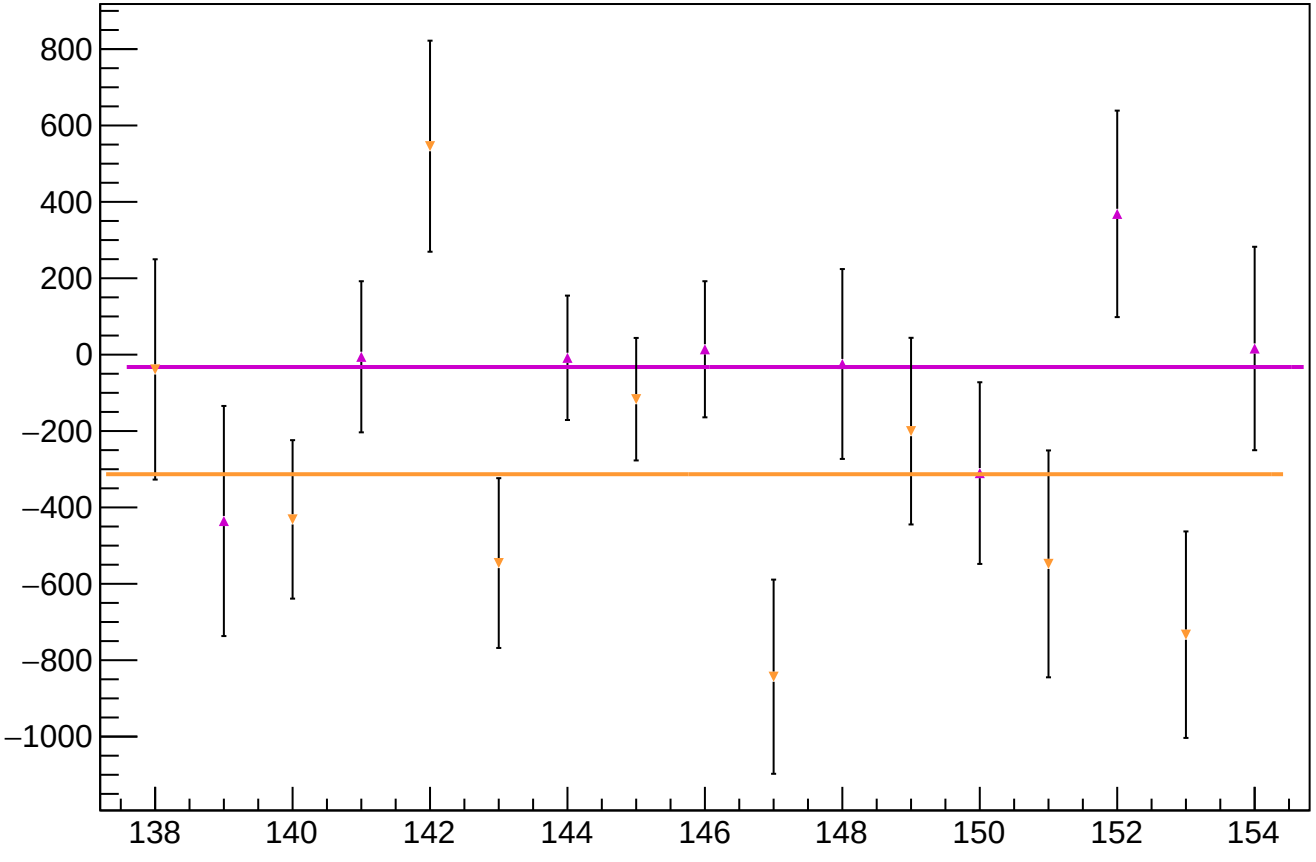
Left In: 190.713+/-0.054 χ^2/NDF:577900.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 190.609+/-0.038 χ^2/NDF: 1156842.4/16

- 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: -313.040+/-77.916 χ^2/NDF:21.1/8

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

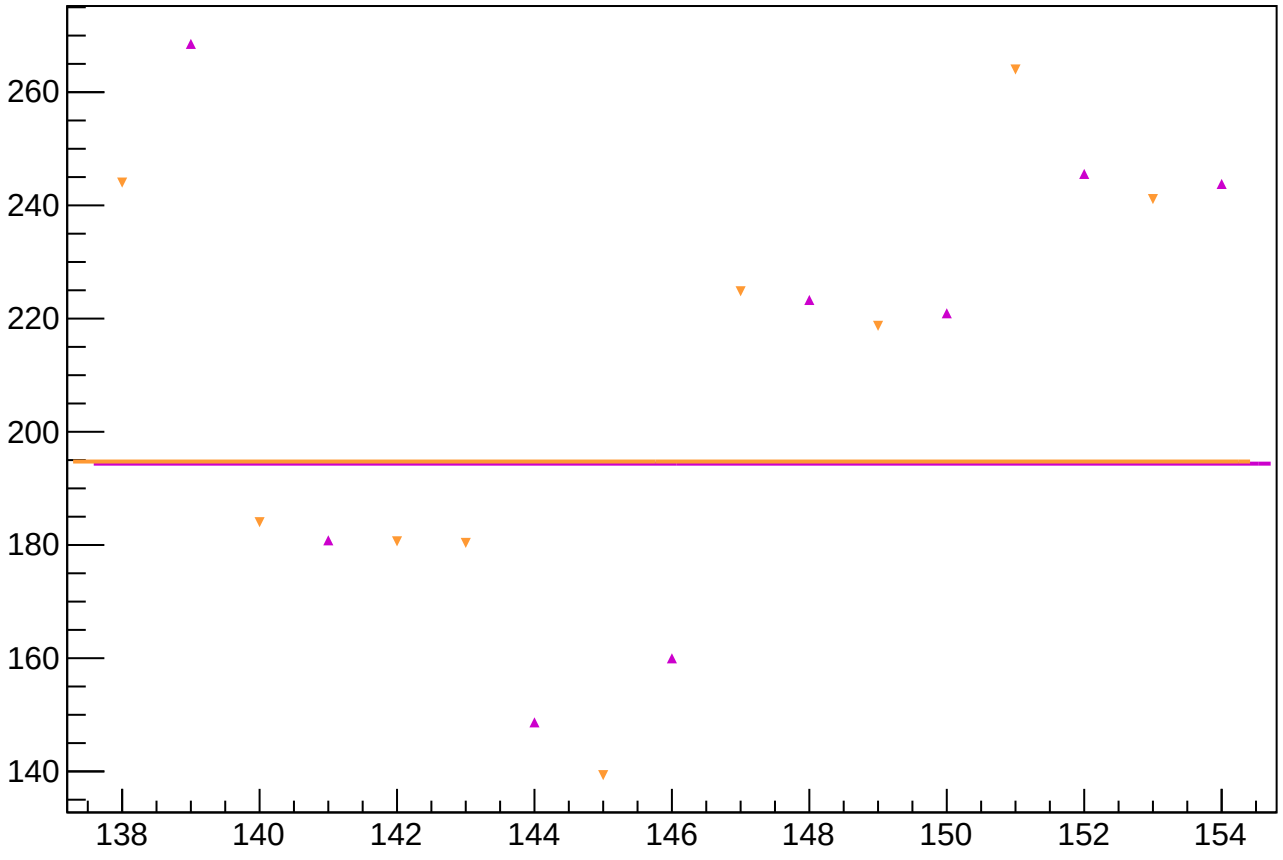
Left In: -32.364+/-77.286 χ^2/NDF:5.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -171.563+/-54.871 χ^2/NDF: 33.1/16

- 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: 194.745+/-0.055 χ^2/NDF:530906.7/8

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

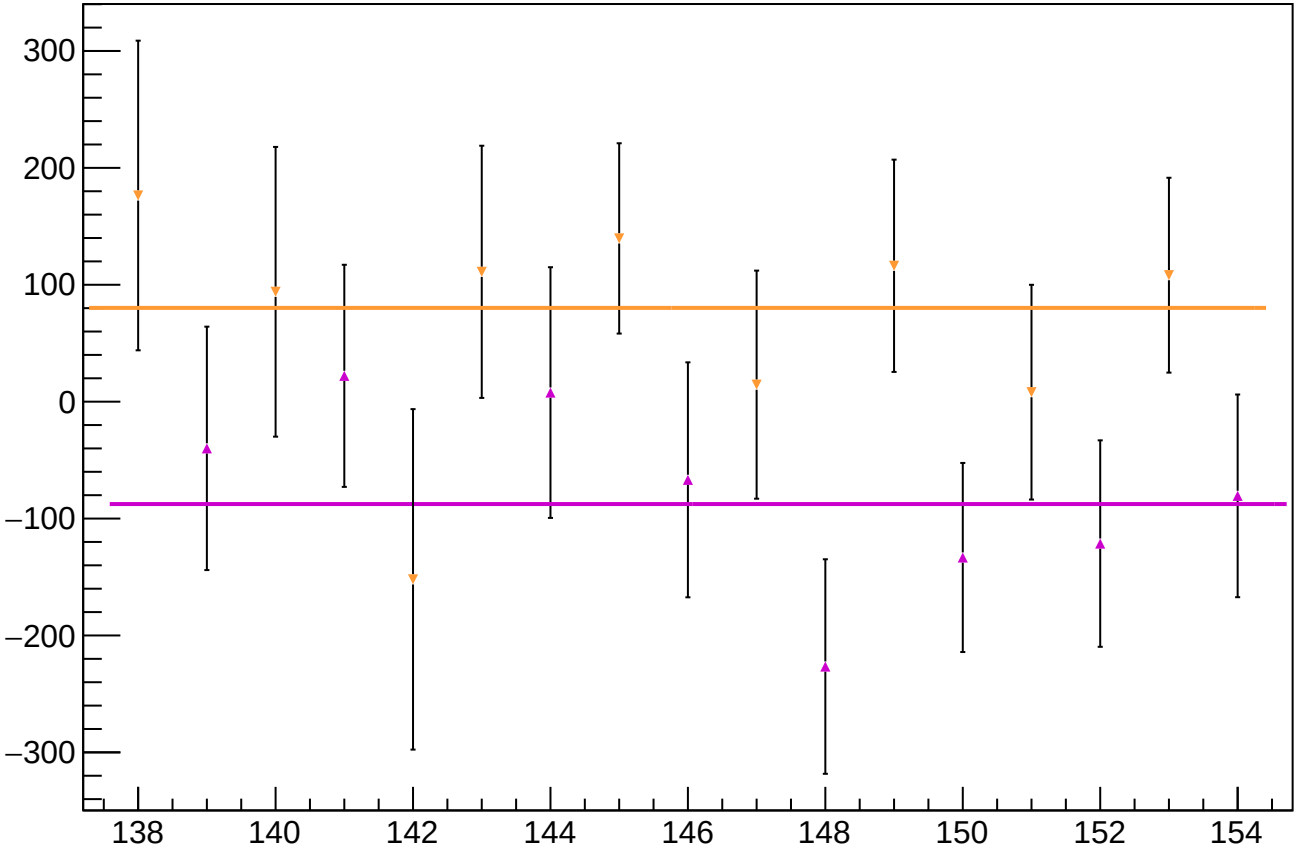
Left In: 194.371+/-0.055 χ^2/NDF:555221.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 194.557+/-0.039 χ^2/NDF: 1086151.0/16

- 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: 80.224+/-33.426 χ^2/NDF:5.0/8

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

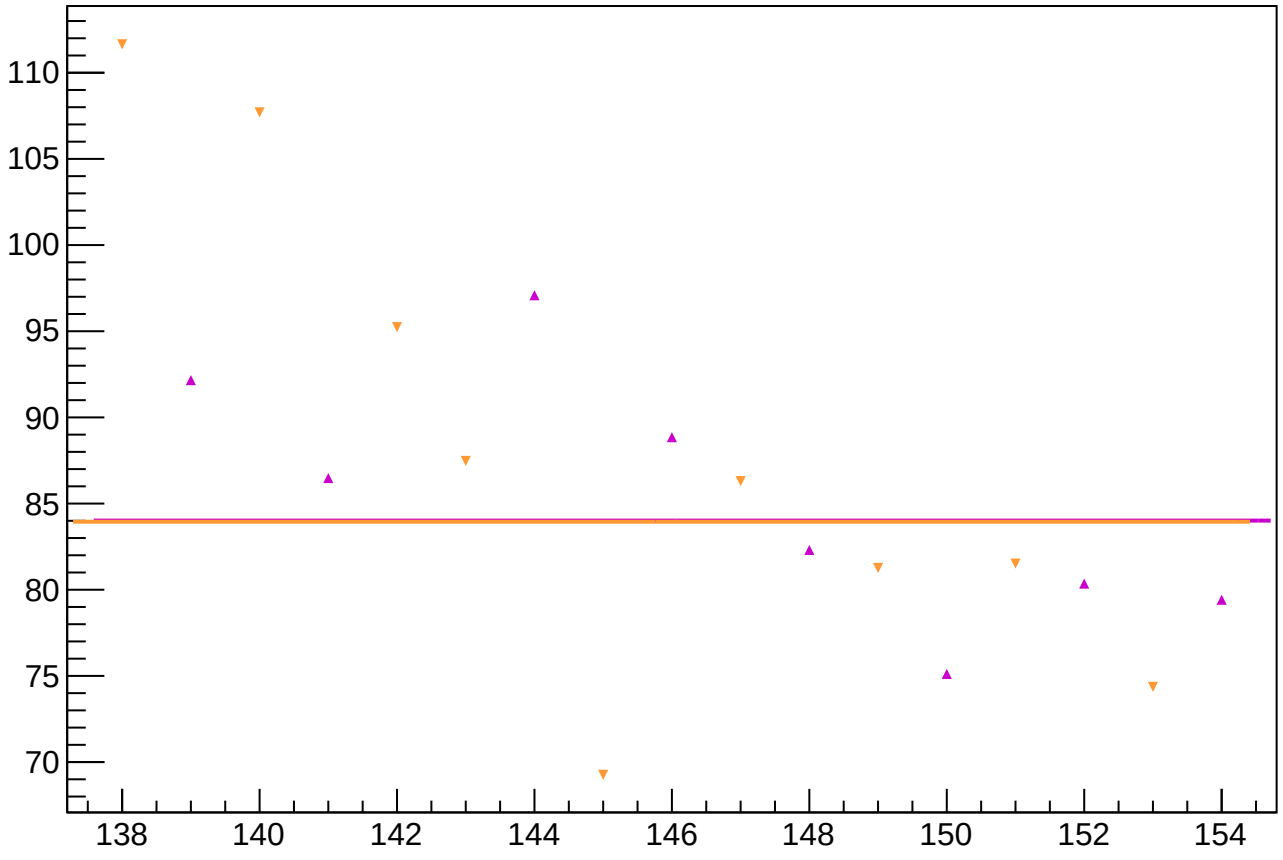
Left In: -87.586+/-32.934 χ^2/NDF:5.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.925+/-23.460 χ^2/NDF: 23.0/16

- 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: 83.947+/-0.024 χ^2/NDF:270992.7/8

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

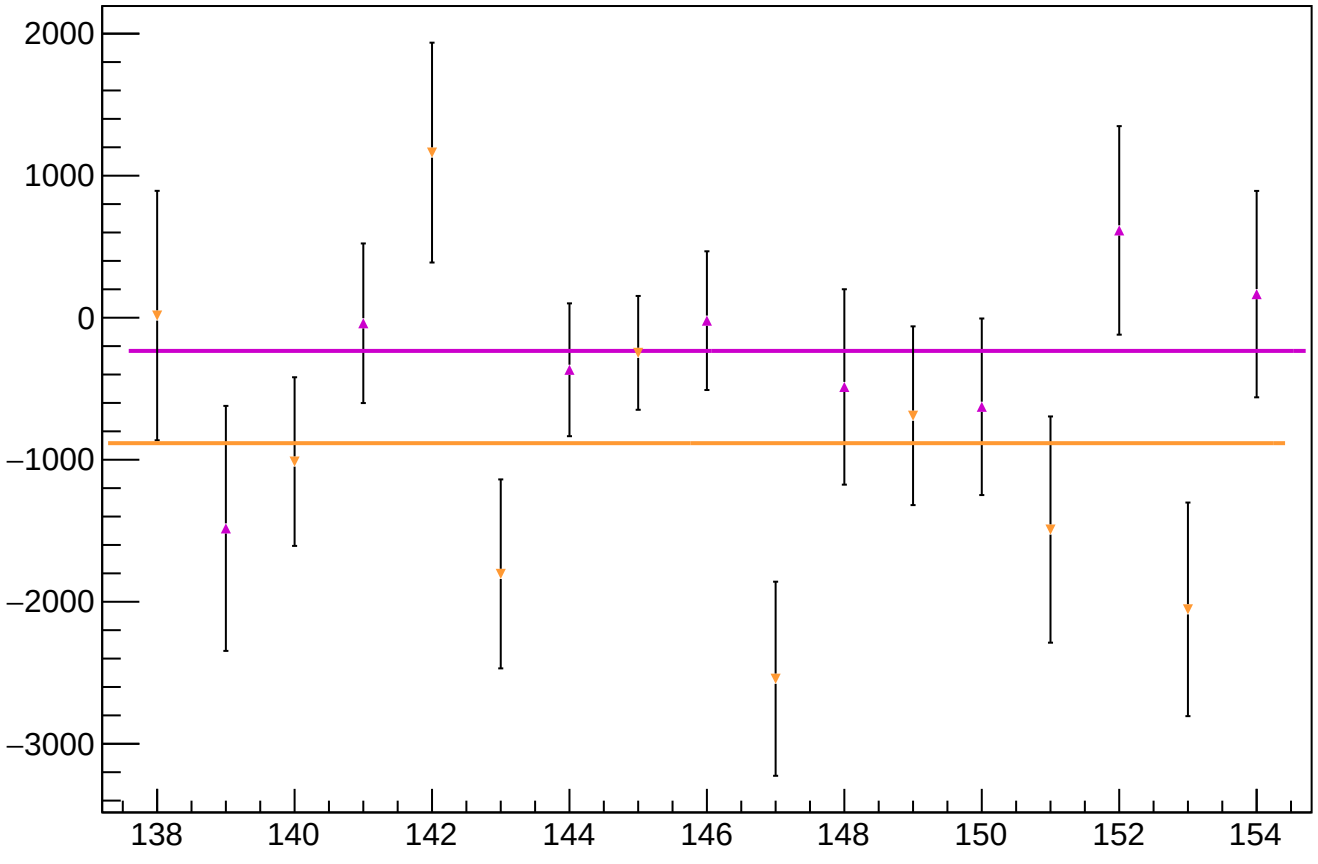
Left In: 84.012+/-0.023 χ^2/NDF:81938.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 83.980+/-0.017 χ^2/NDF: 352935.2/16

- 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: -883.320+/-211.760 χ^2/NDF:21.5/8

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

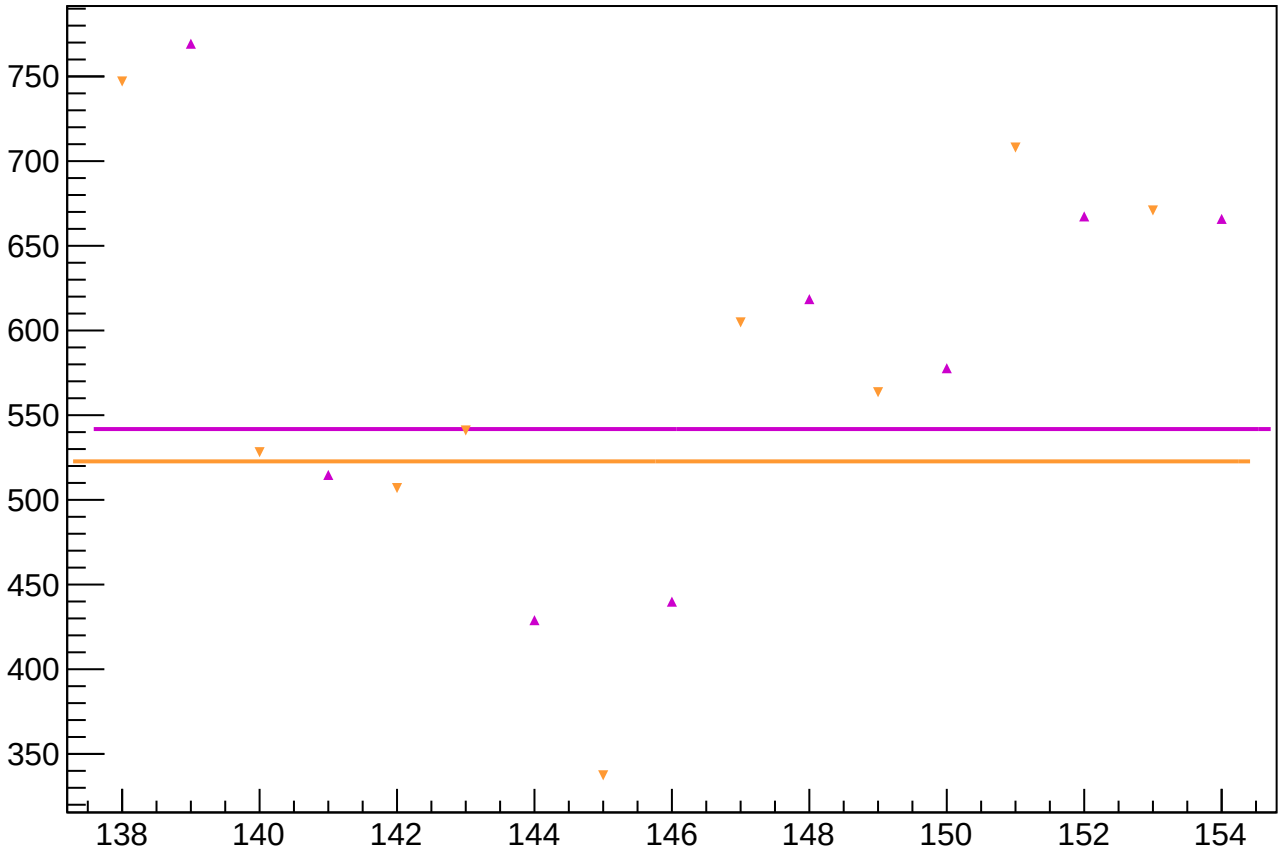
Left In: -233.743+/-214.530 χ^2/NDF:4.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -562.753+/-150.706 χ^2/NDF: 30.8/16

- 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: 522.731+/-0.150 χ^2/NDF:783968.4/8

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

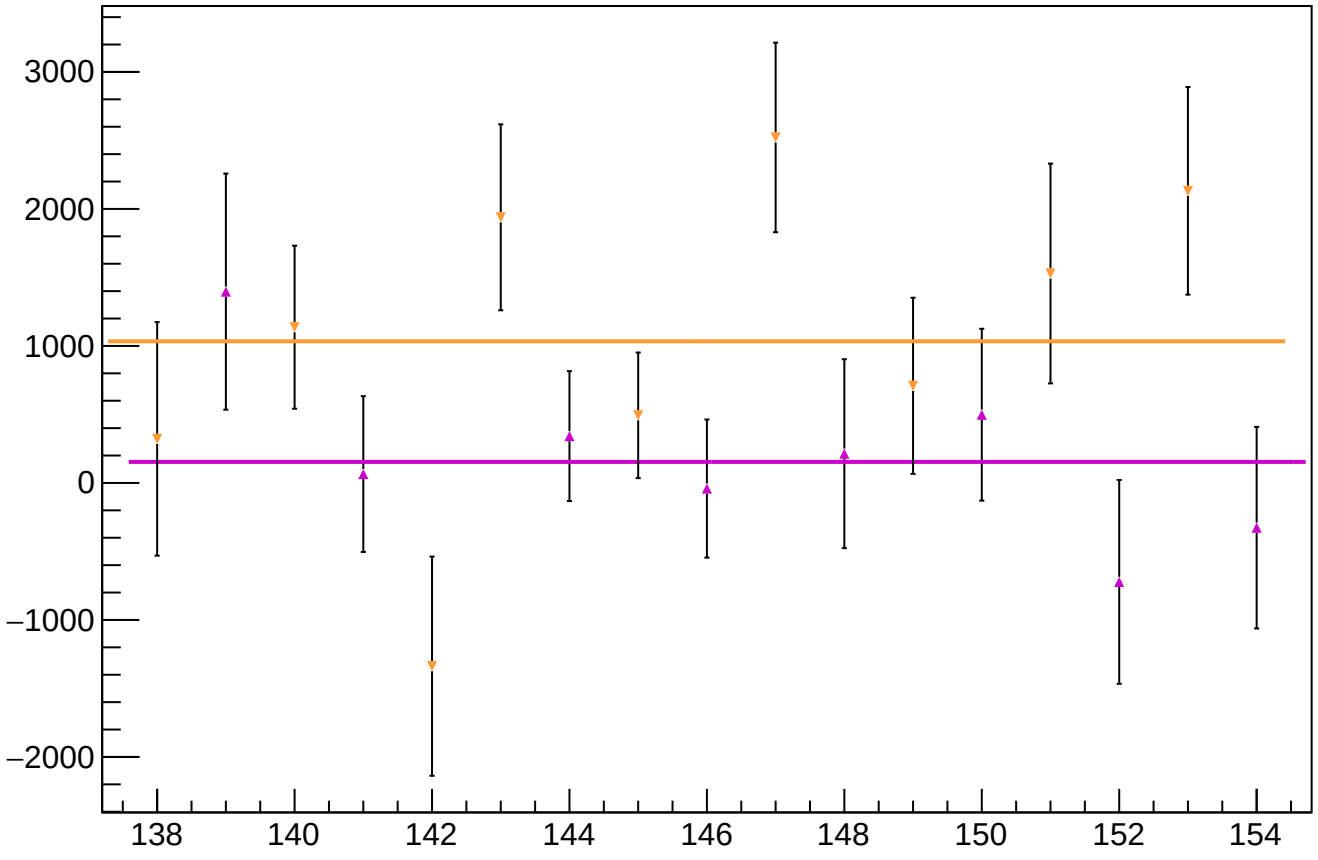
Left In: 541.807+/-0.152 χ^2/NDF:495695.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 532.145+/-0.107 χ^2/NDF: 1287674.3/16

- 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: 1033.993+/-220.884 χ^2/NDF:20.0/8

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

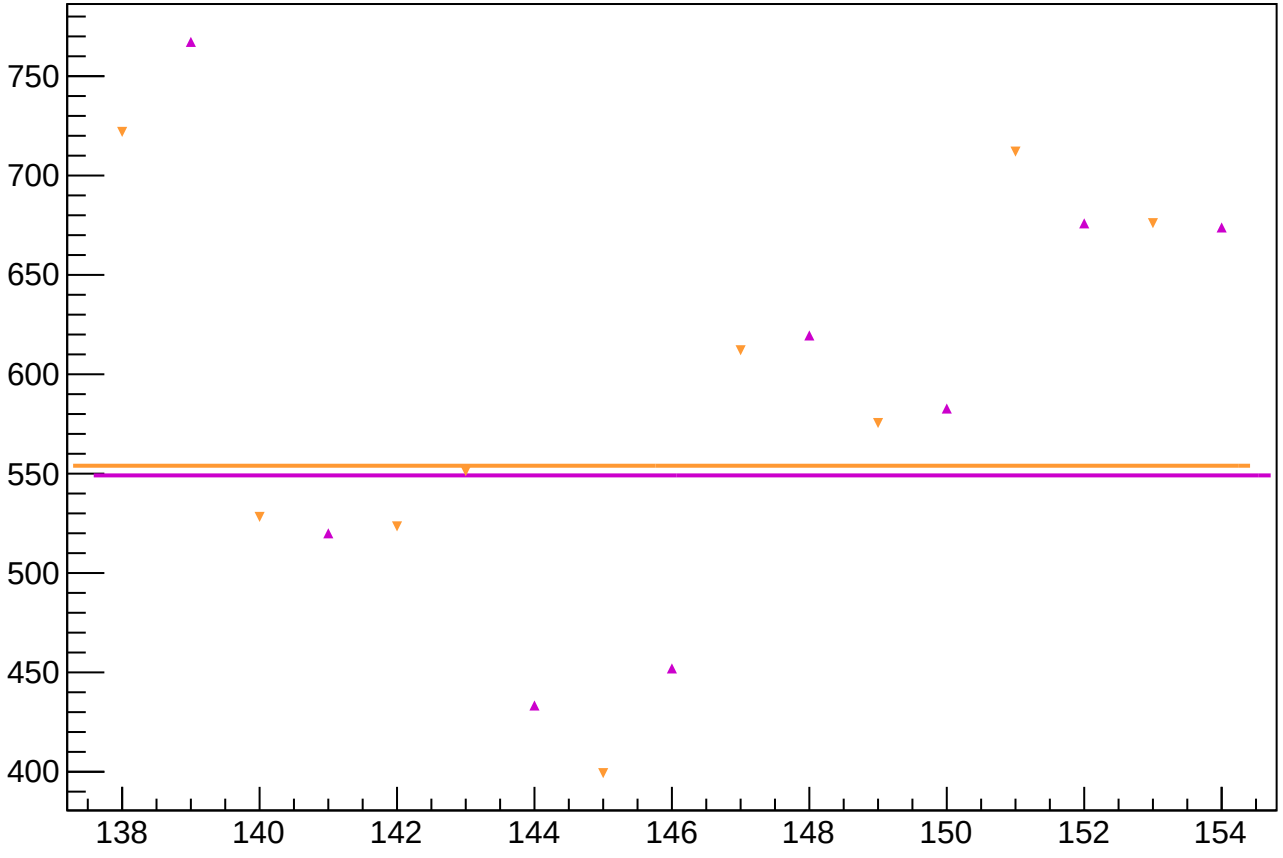
Left In: 153.662+/-217.582 χ^2/NDF:4.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 587.198+/-155.008 χ^2/NDF: 32.6/16

- 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: 553.986+/-0.156 χ^2/NDF:457887.2/8

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

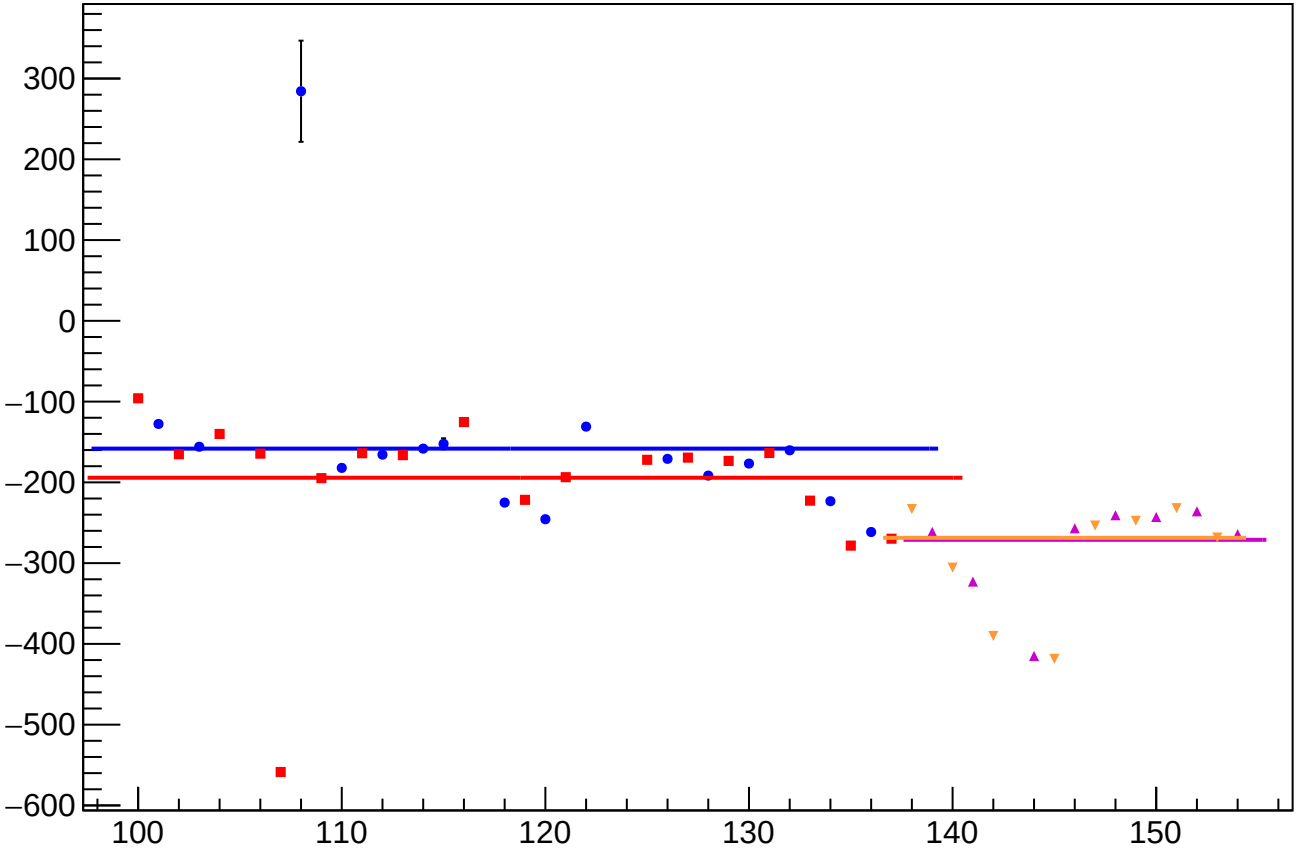
Left In: 549.119+/-0.154 χ^2/NDF:469108.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 551.516+/-0.110 χ^2/NDF: 927488.3/16

- 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: -268.682+/-0.220 χ^2/NDF:24796.5/7

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

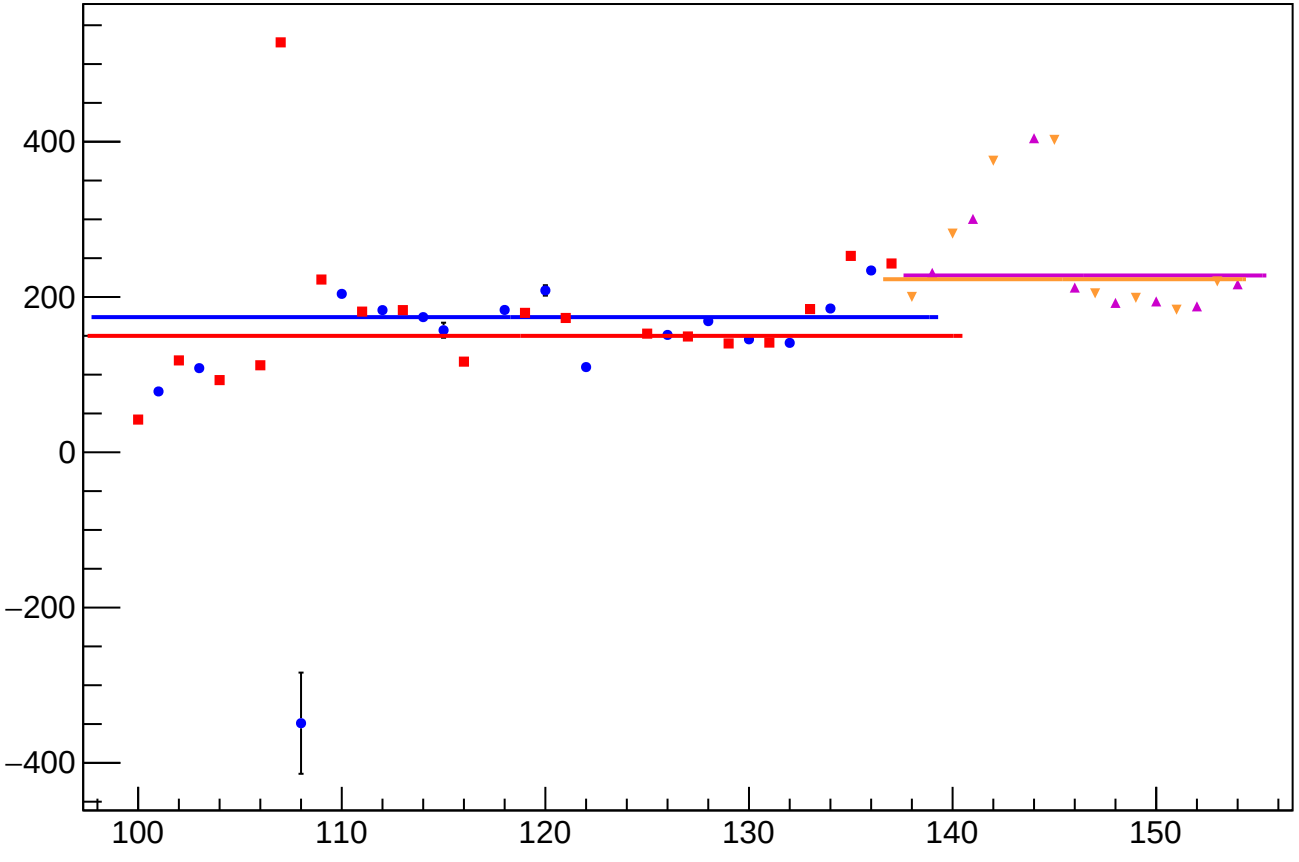
Left In: -271.118+/-0.210 χ^2/NDF:42334.5/7

+ sign -158.222+/-0.000 χ^2/NDF: 393456.6/23

All: -158.222+/-0.000 χ^2/NDF: 948667.2/49

- sign -223.612+/-0.130 χ^2/NDF: 301582.7/25

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 222.893+/-0.220 χ^2/NDF:32426.8/7

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

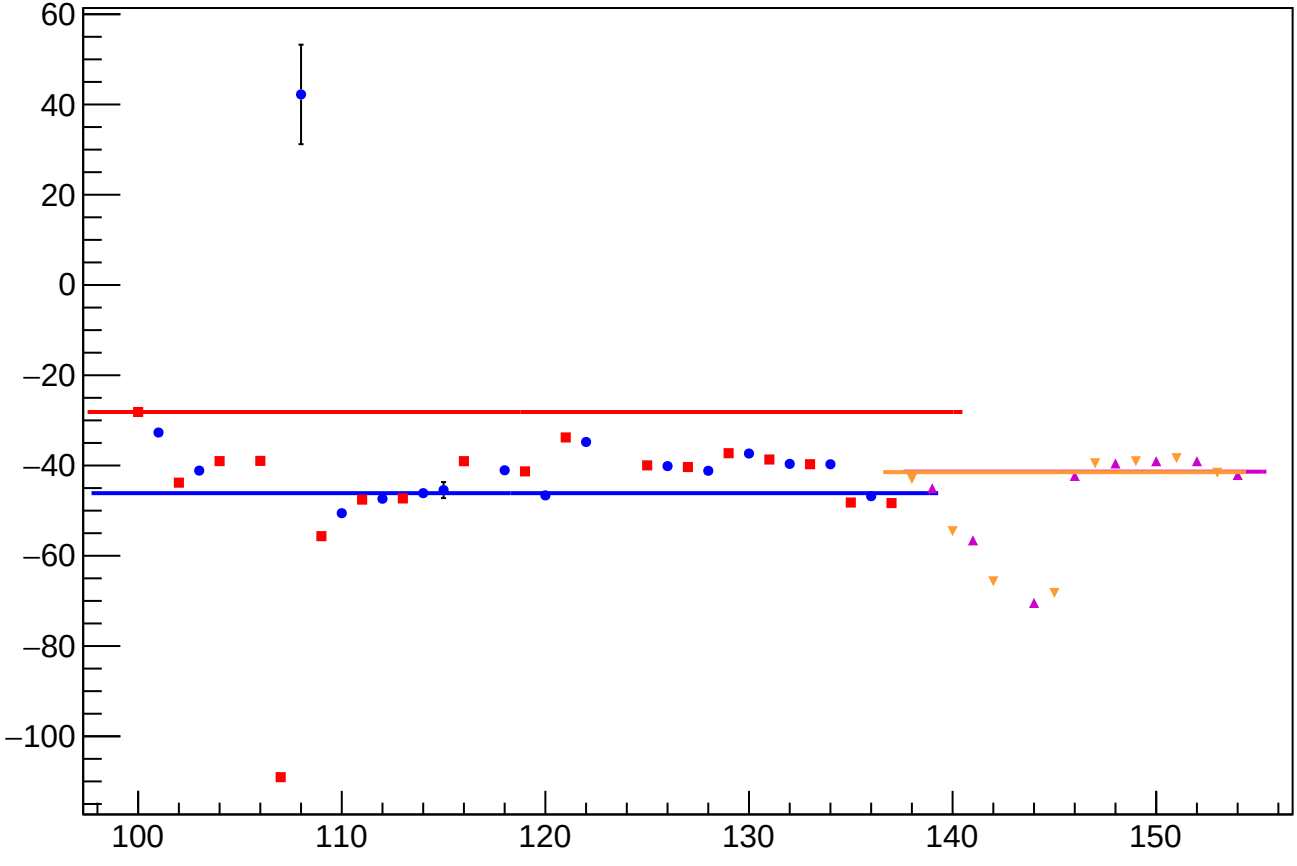
Left In: 227.722+/-0.213 χ^2/NDF:59880.3/7

+ sign 174.085+/-0.000 χ^2/NDF: 134914.9/23

All: 174.085+/-0.000 χ^2/NDF: 441243.2/49

- sign 185.503+/-0.144 χ^2/NDF: 300047.2/25

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -41.471+/-0.010 χ^2/NDF:84091.5/7

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

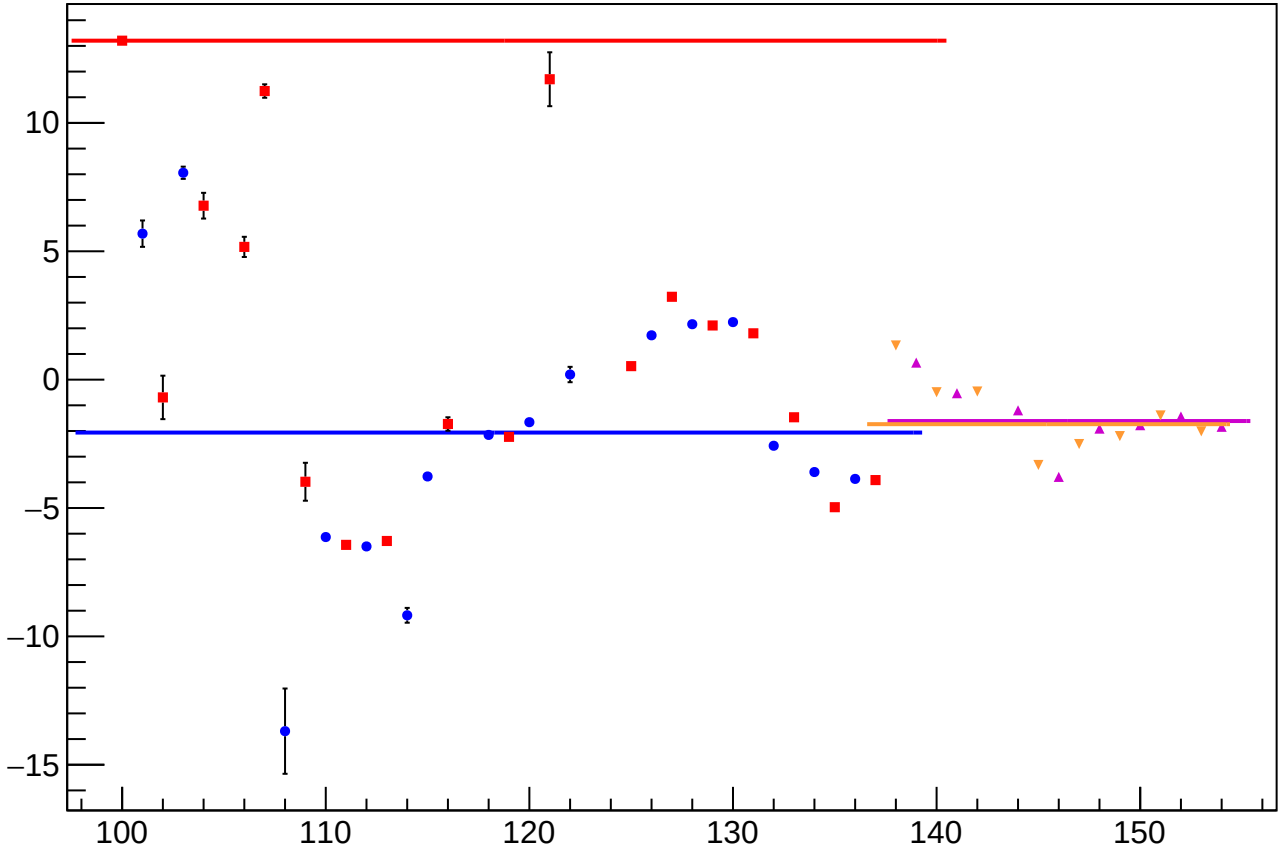
Left In: -41.365+/-0.012 χ^2/NDF:154598.6/7

+ sign -46.126+/-0.000 χ^2/NDF: 496831.1/23

All: -39.778+/-0.000 χ^2/NDF: 24879599323 1

- sign -28.139+/-0.000 χ^2/NDF: 2062418.0/25

dit_usl_4aY_slope vs Slug



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -1.734+/-0.011 χ^2/NDF:7294.3/7

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

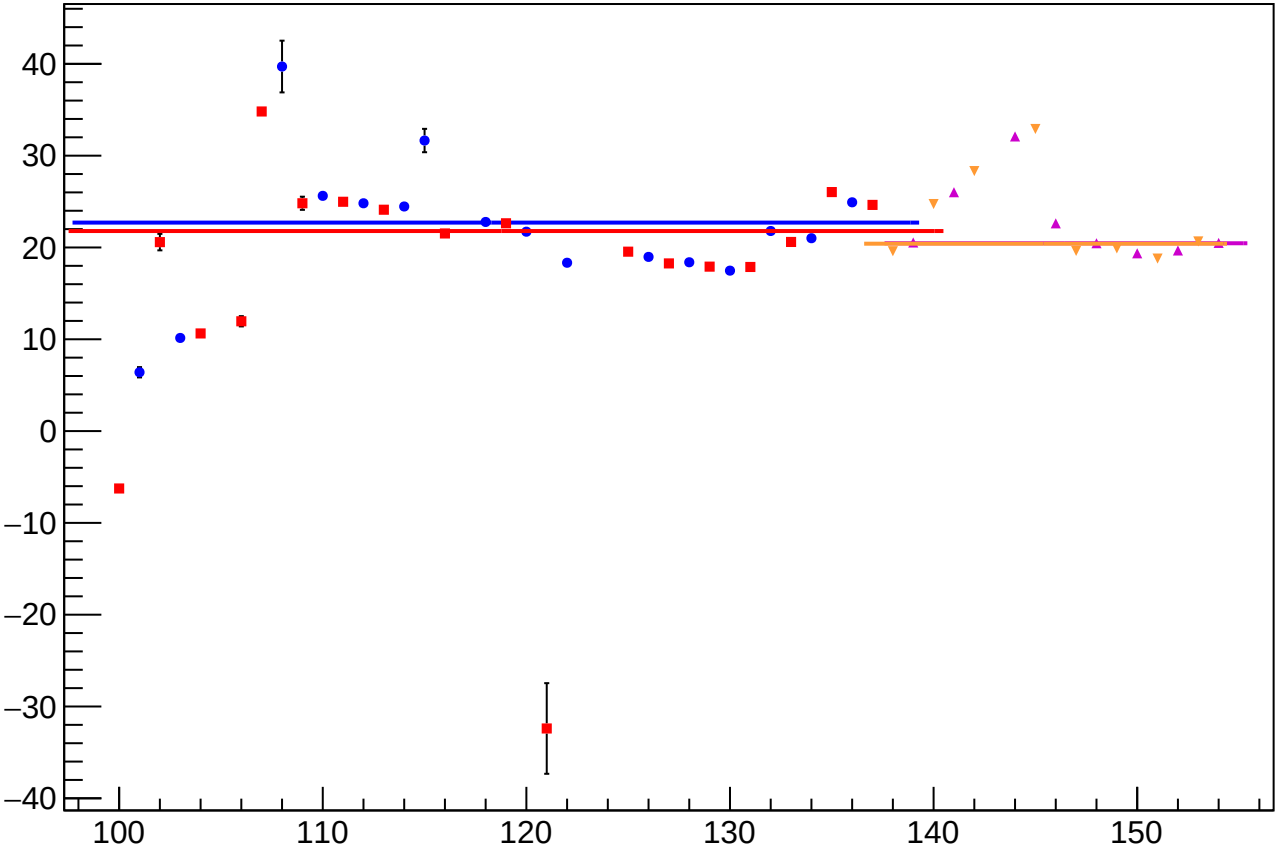
Left In: -1.612+/-0.008 χ^2/NDF:6486.3/7

+ sign -1.830+/-0.010 χ^2/NDF: 33197.4/23

All: 13.204+/-0.000 χ^2/NDF: 6062353.2/49

- sign 13.204+/-0.000 χ^2/NDF: 3596788.3/25

dit_usl_4eY_slope vs Slug



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 20.412+/-0.015 χ^2/NDF:14226.5/7

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

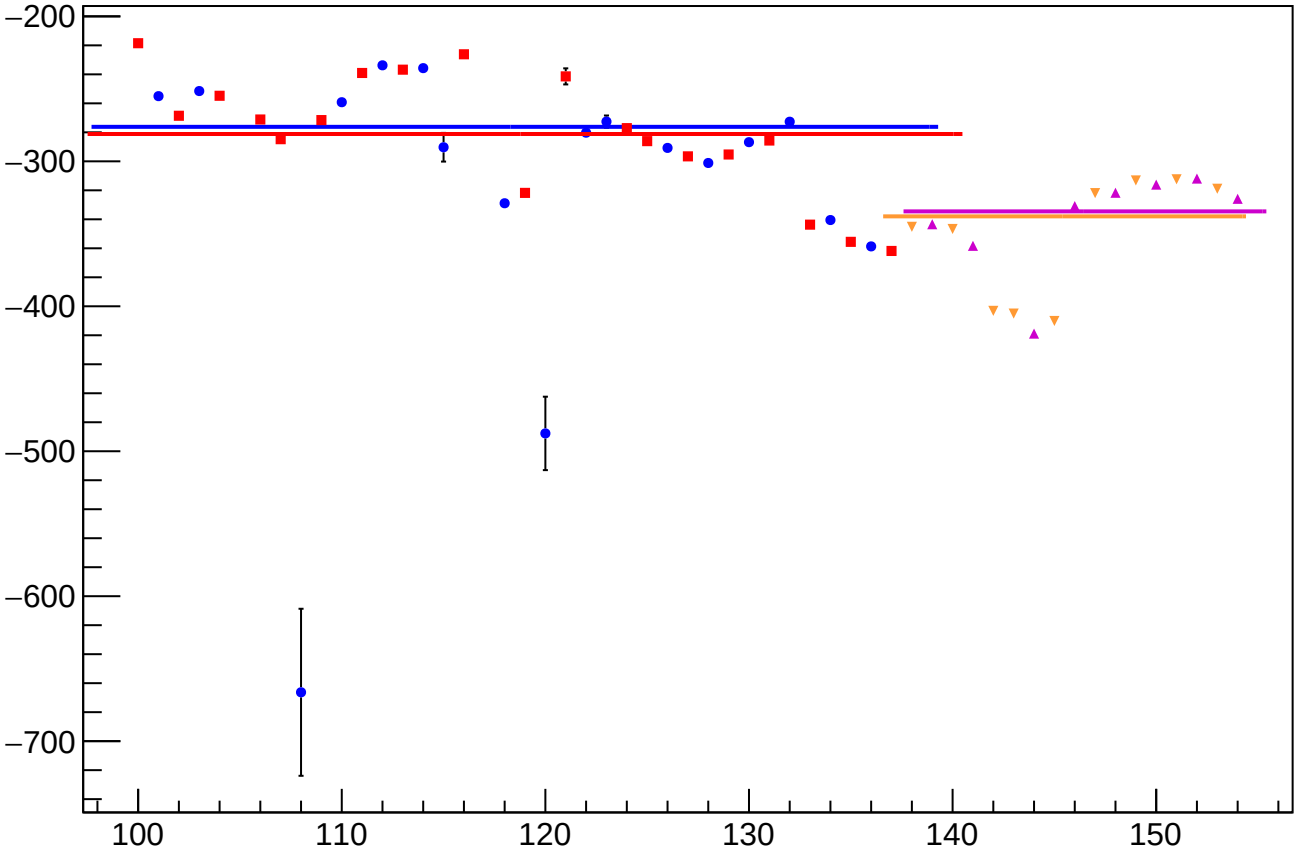
Left In: 20.459+/-0.011 χ^2/NDF:26569.8/7

+ sign 21.288+/-0.012 χ^2/NDF: 46294.7/23

All: 20.973+/-0.008 χ^2/NDF: 103830.7/49

- sign 20.742+/-0.010 χ^2/NDF: 56254.2/25

dit_usr_4aX_slope vs Slug



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -337.968+/-0.196 χ^2/NDF:24015.7/8

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

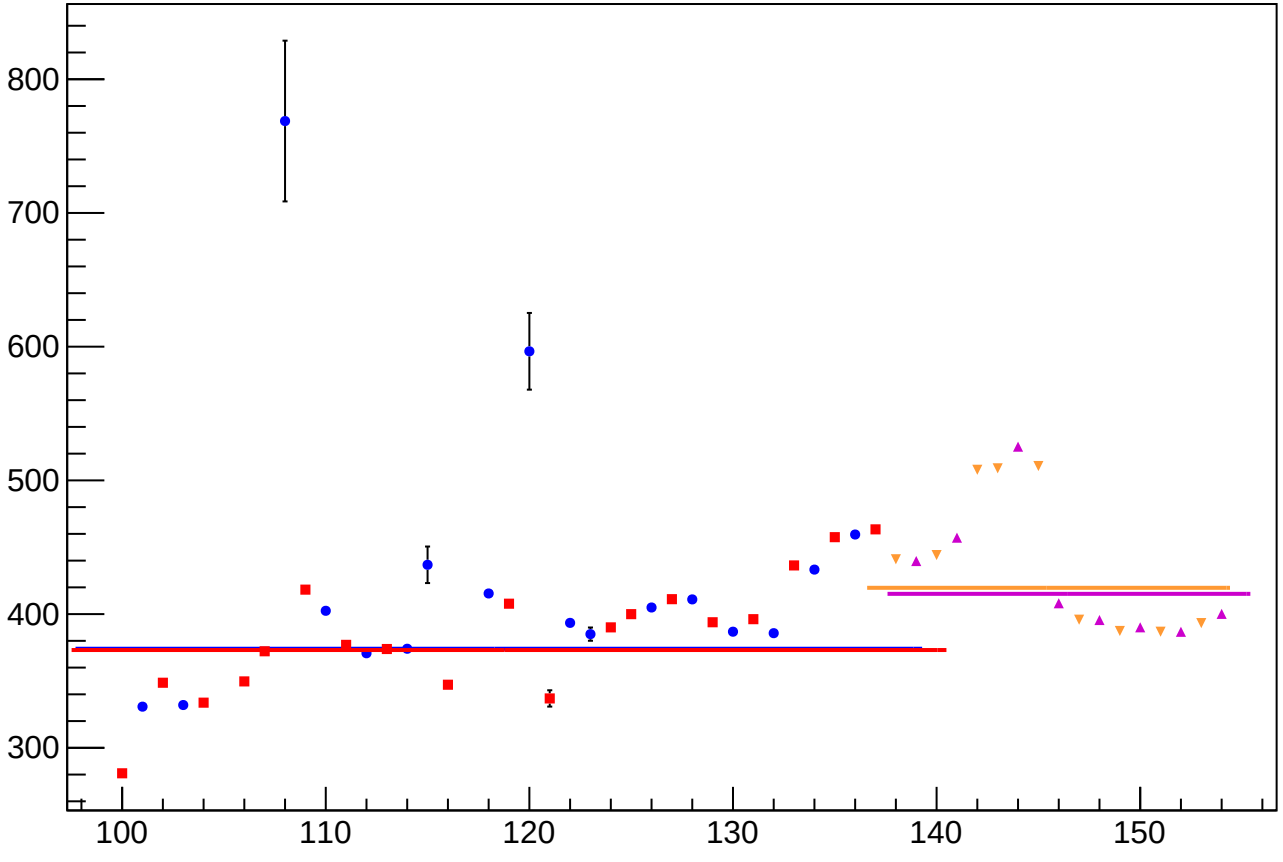
Left In: -334.530+/-0.145 χ^2/NDF:31212.3/7

+ sign -302.178+/-0.127 χ^2/NDF: 139955.3/25

All: -305.871+/-0.080 χ^2/NDF: 316823.2/52

- sign -308.327+/-0.103 χ^2/NDF: 175455.3/26

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 419.670+/-0.198 χ^2/NDF:43363.9/8

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

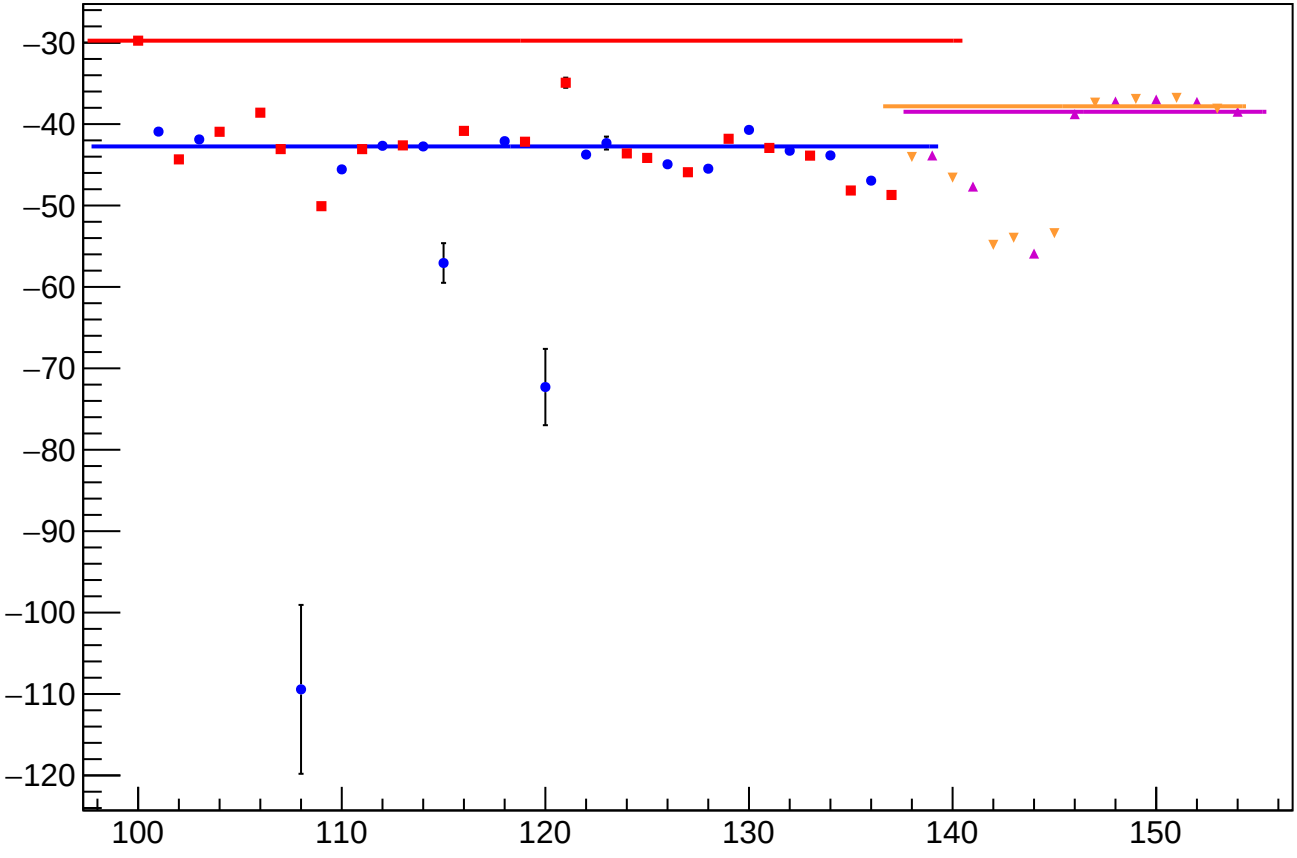
Left In: 415.152+/-0.147 χ^2/NDF:53956.4/7

+ sign 374.094+/-0.000 χ^2/NDF: 131679.2/25

All: 374.094+/-0.000 χ^2/NDF: 371646.9/52

- sign 395.615+/-0.108 χ^2/NDF: 200039.2/26

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.814+/-0.006 χ^2/NDF:248990.8/8

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

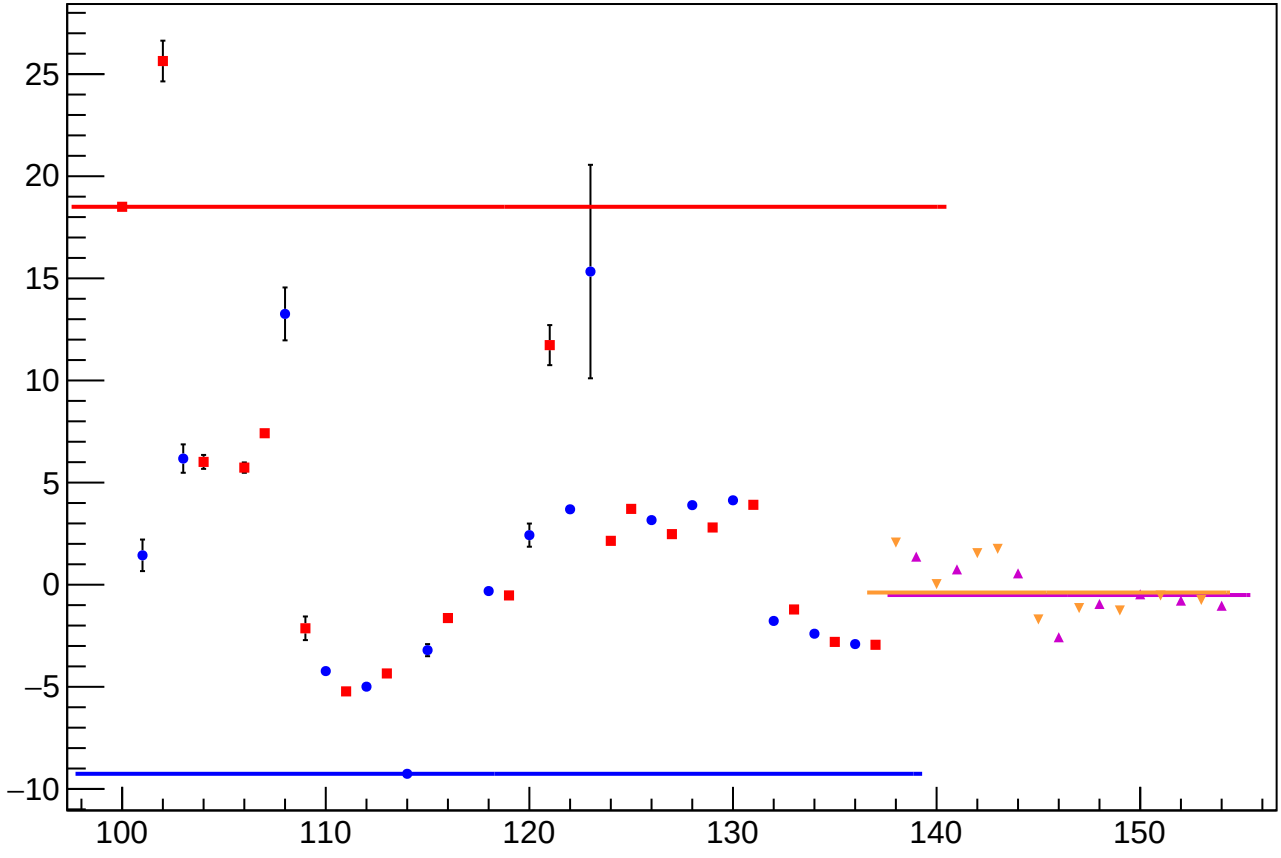
Left In: -38.489+/-0.007 χ^2/NDF:137455.6/7

+ sign -42.744+/-0.000 χ^2/NDF: 1002683.7/25

All: -38.159+/-0.000 χ^2/NDF: 129765212680

- sign -29.754+/-0.000 χ^2/NDF: 2173699.7/26

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: -0.382+/-0.010 χ^2/NDF:11091.1/8

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

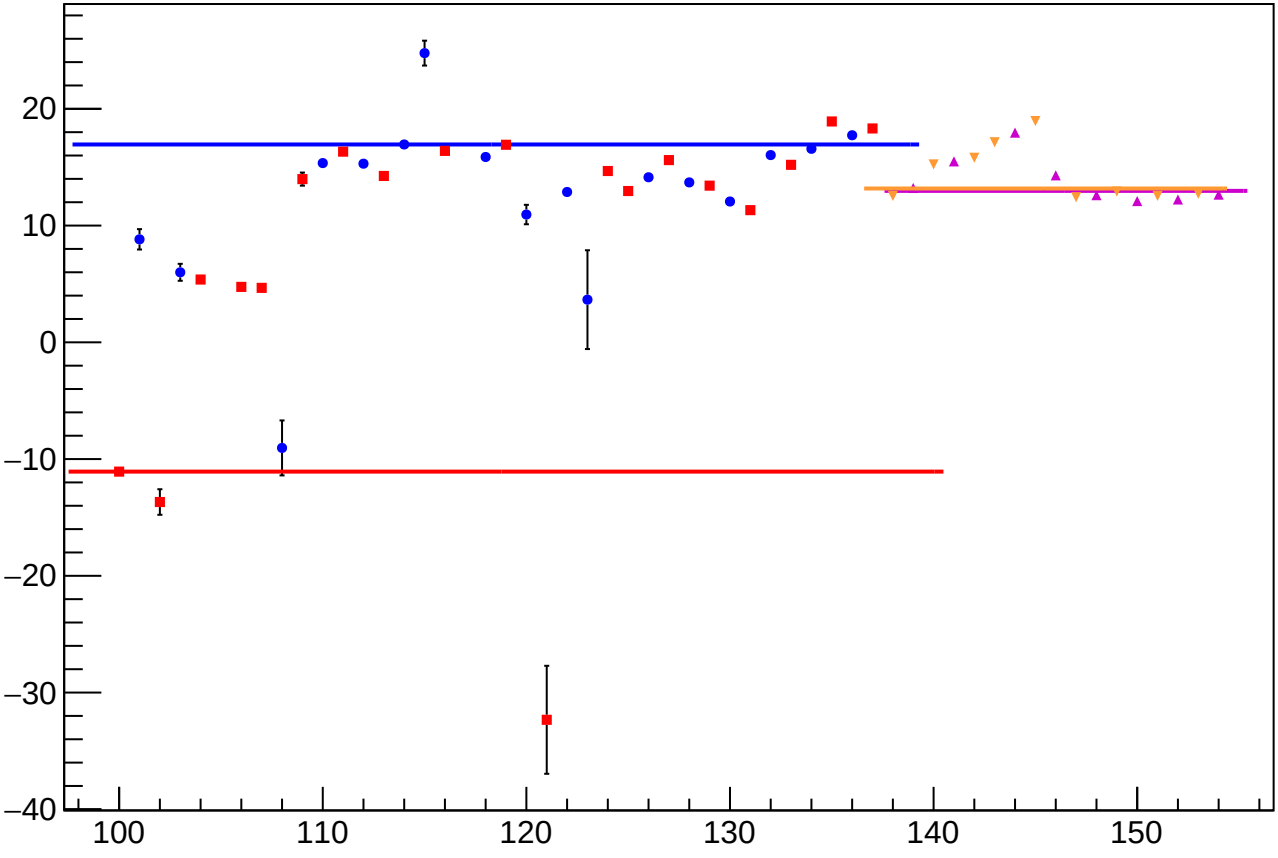
Left In: -0.505+/-0.009 χ^2/NDF:8436.1/7

+ sign -9.259+/-0.000 χ^2/NDF: 1180944.9/25

All: 6.039+/-0.000 χ^2/NDF: 1645057450595

- sign 18.504+/-0.000 χ^2/NDF: 11410806.9/26

dit_usr_4eY_slope vs Slug



Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 13.176+/-0.011 χ^2/NDF:13129.0/8

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

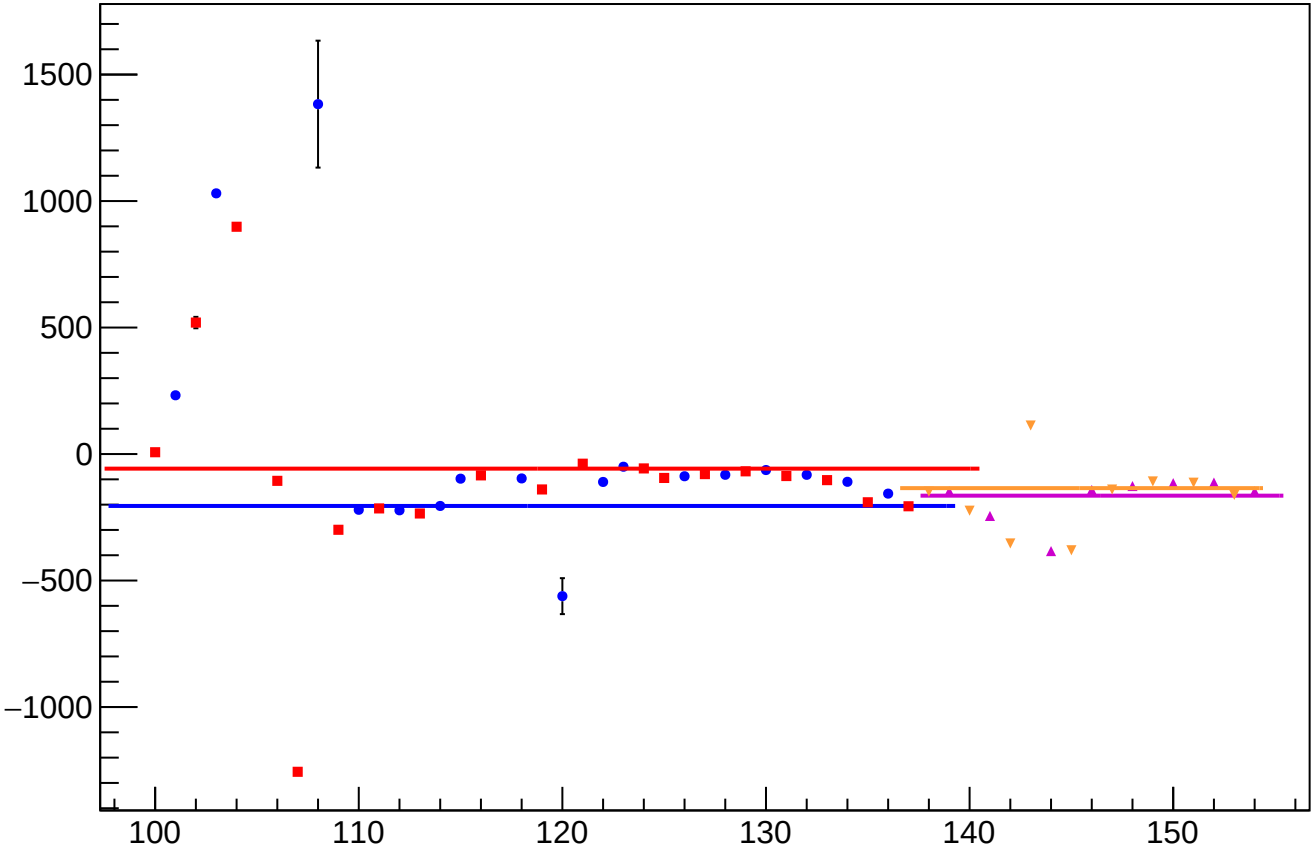
Left In: 12.972+/-0.013 χ^2/NDF:9535.2/7

+ sign 16.947+/-0.000 χ^2/NDF: 136383.1/25

All: -2.268+/-0.000 χ^2/NDF: 469252745463

- sign -11.075+/-0.000 χ^2/NDF: 6223782.8/26

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -134.737+/-0.364 χ^2/NDF:43052.6/8

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

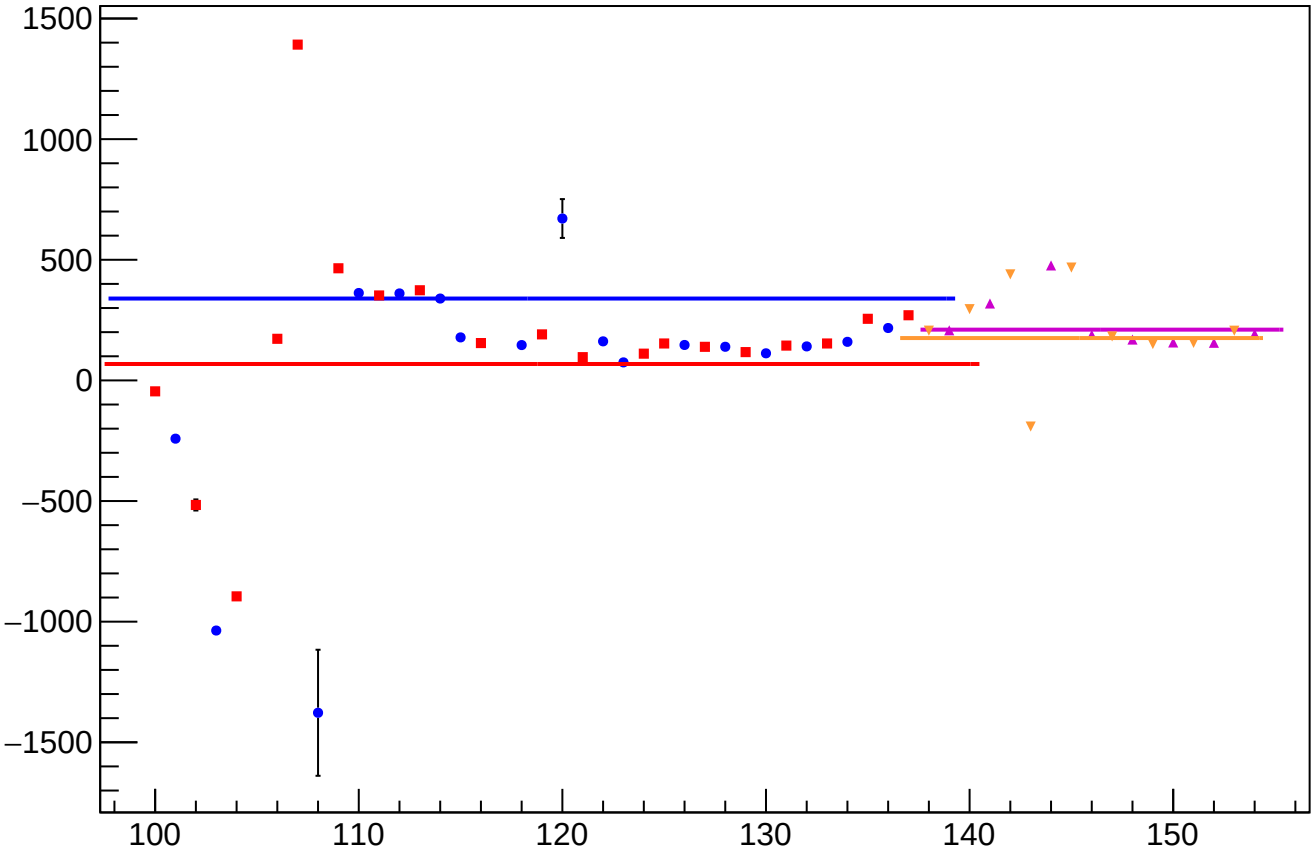
Left In: -164.512+/-0.390 χ^2/NDF:37666.8/7

+ sign -205.160+/-0.000 χ^2/NDF: 663259.2/25

All: -205.160+/-0.000 χ^2/NDF: 1097559.0/52

- sign -94.644+/-0.229 χ^2/NDF: 201698.9/26

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 175.525+/-0.369 χ^2/NDF:78790.1/8

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

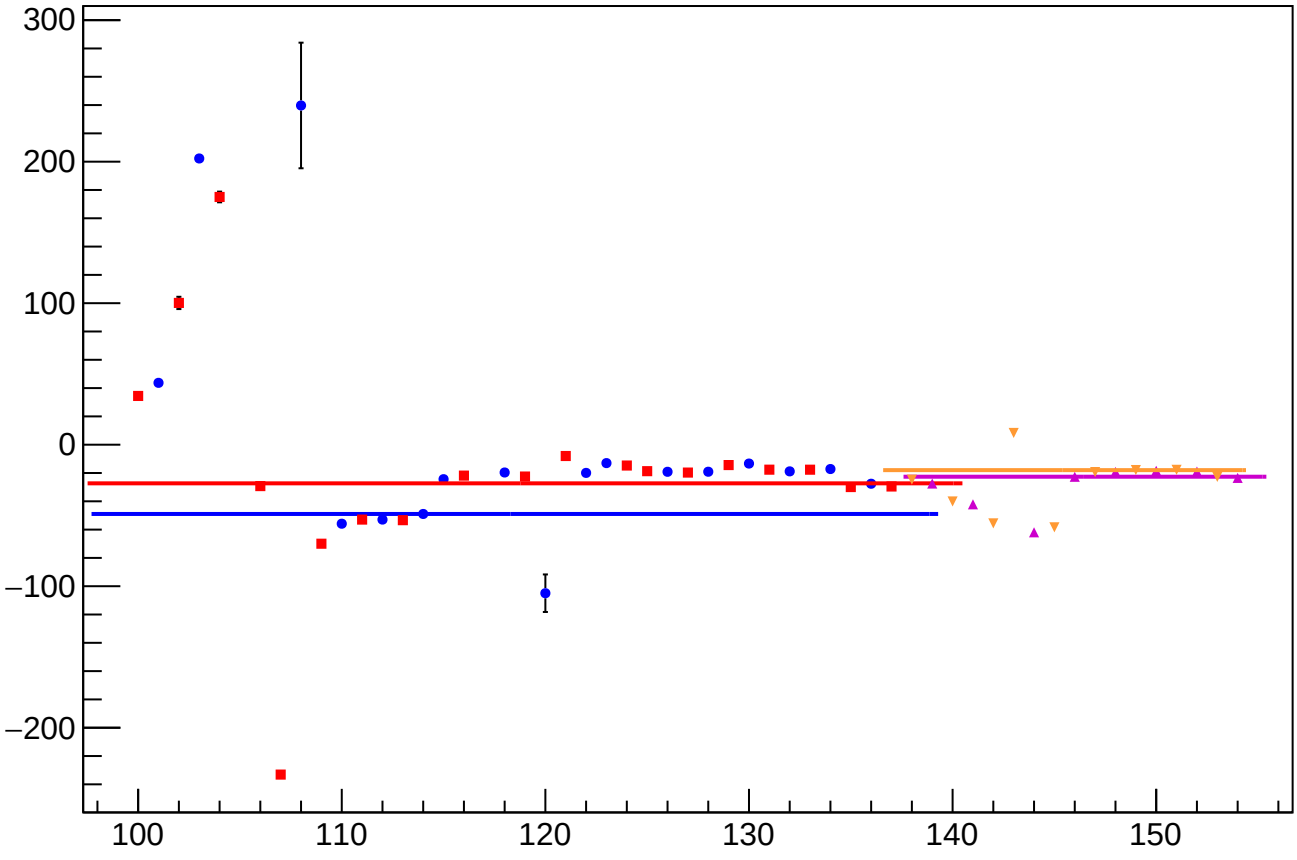
Left In: 210.383+/-0.396 χ^2/NDF:44163.9/7

+ sign 339.325+/-0.000 χ^2/NDF: 1306663.6/25

All: 339.325+/-0.000 χ^2/NDF: 2628320.0/52

- sign 116.779+/-0.232 χ^2/NDF: 401301.5/26

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -17.976+/-0.016 χ^2/NDF:542951.9/8

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

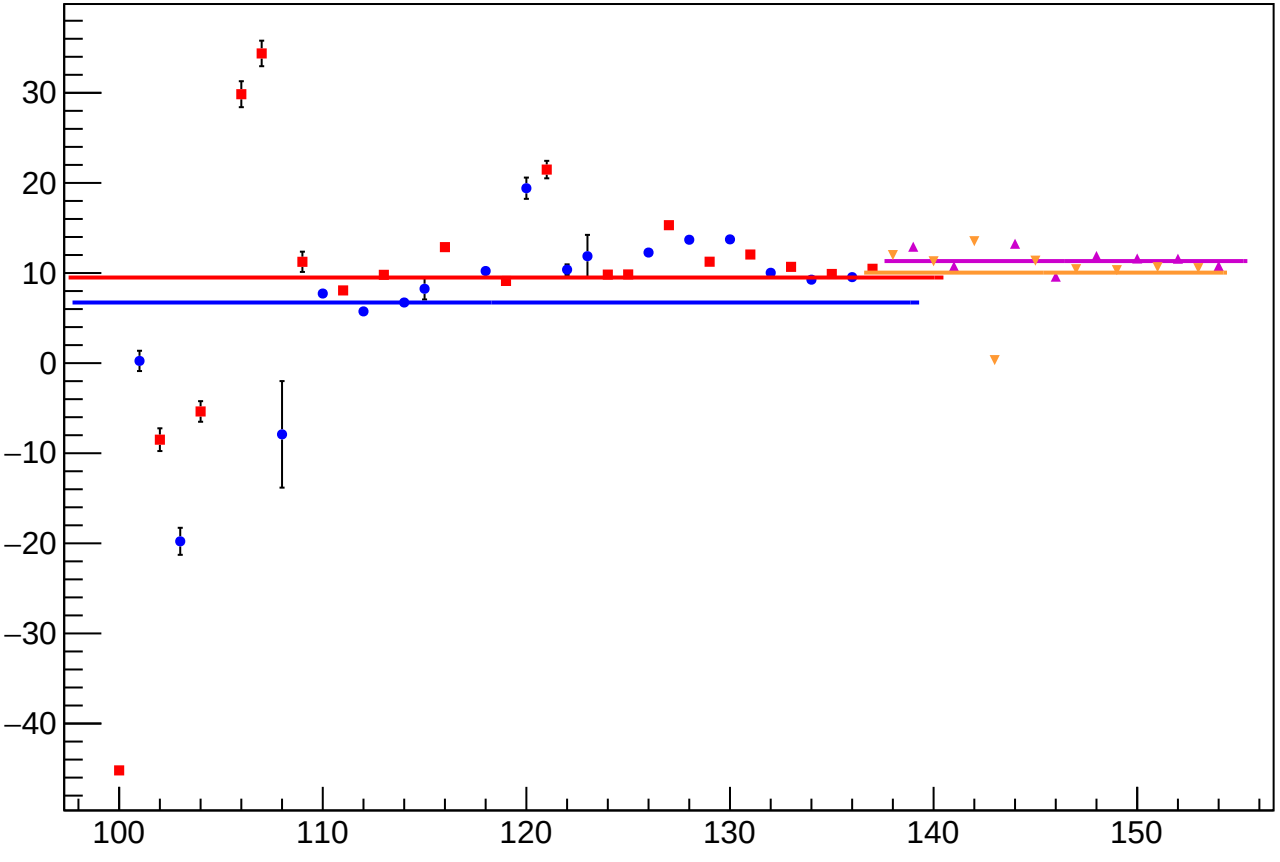
Left In: -22.621+/-0.023 χ^2/NDF:118875.4/7

+ sign -48.945+/-0.000 χ^2/NDF: 9538410.3/25

All: -48.945+/-0.000 χ^2/NDF: 11333754.5/52

- sign -23.383+/-0.021 χ^2/NDF: 293622.5/26

dit_atl1_4aY_slope vs Slug



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 10.045+/-0.023 χ^2/NDF:20782.0/8

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

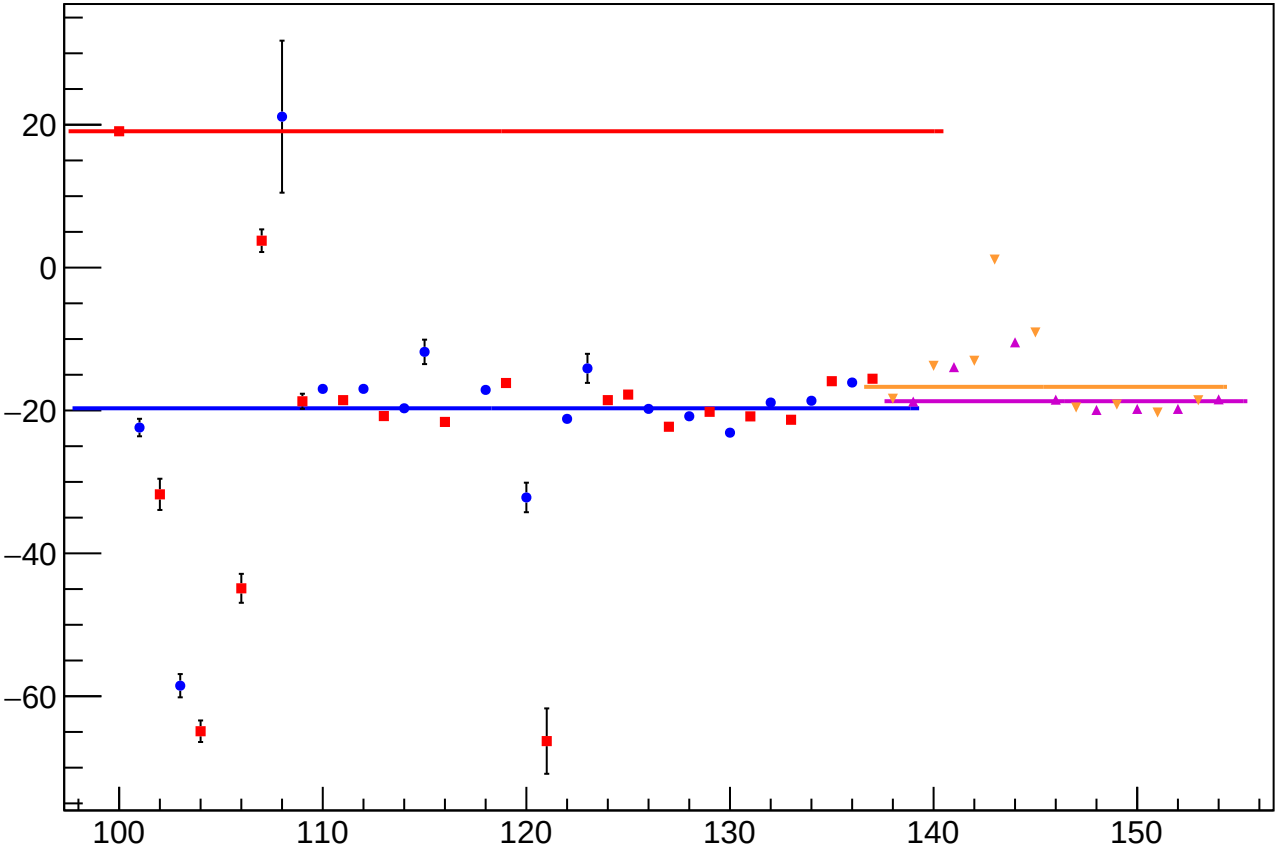
Left In: 11.327+/-0.019 χ^2/NDF:2405.1/7

+ sign 6.728+/-0.000 χ^2/NDF: 54821.4/25

All: 6.728+/-0.000 χ^2/NDF: 148501.5/52

- sign 10.922+/-0.017 χ^2/NDF: 31270.3/26

dit_atl1_4eY_slope vs Slug



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -16.692+/-0.029 χ^2/NDF:35532.7/8

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

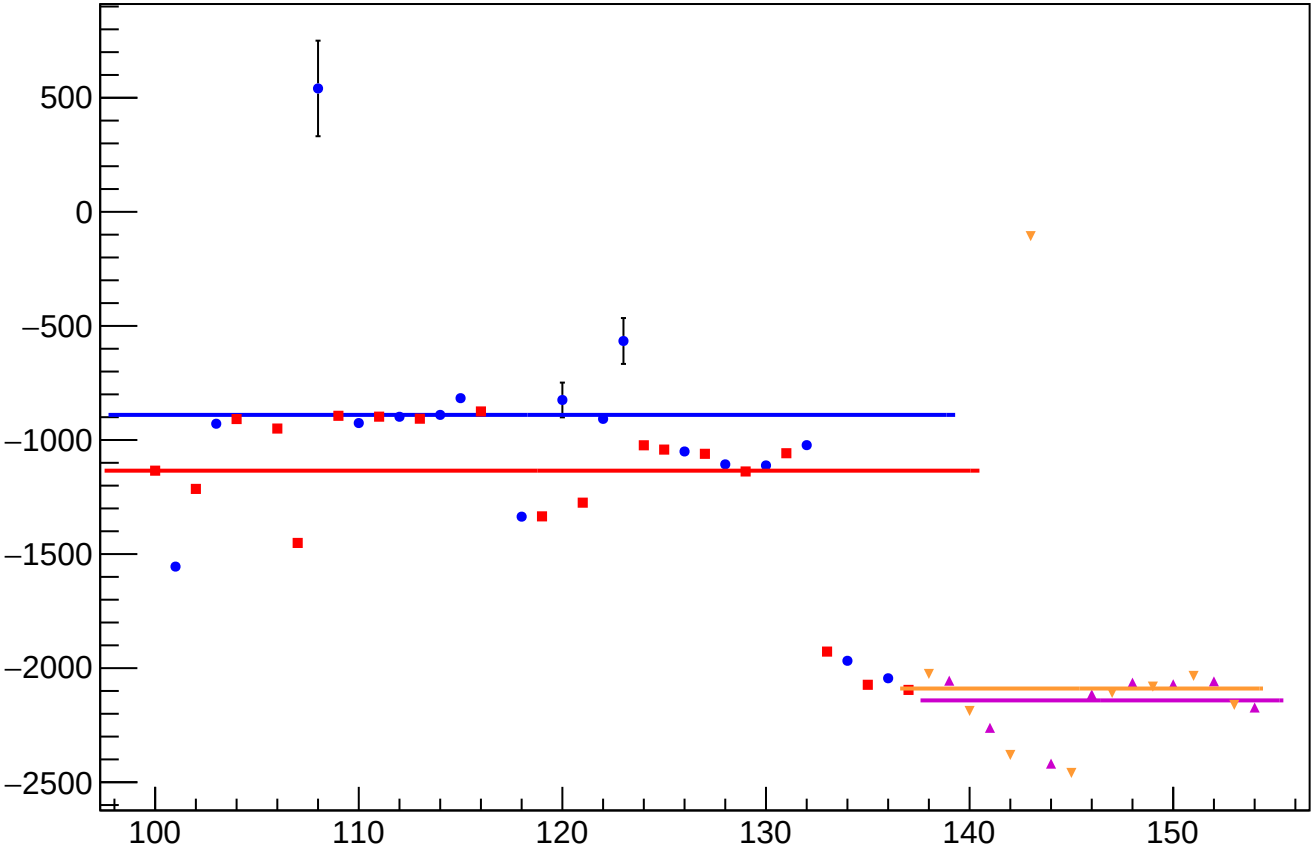
Left In: -18.702+/-0.025 χ^2/NDF:5412.3/7

+ sign -19.693+/-0.000 χ^2/NDF: 54153.9/25

All: -6.006+/-0.000 χ^2/NDF: 462563773129

- sign 19.086+/-0.000 χ^2/NDF: 2872562.5/26

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -2089.308+/-0.585 χ^2/NDF:262863.9/8

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

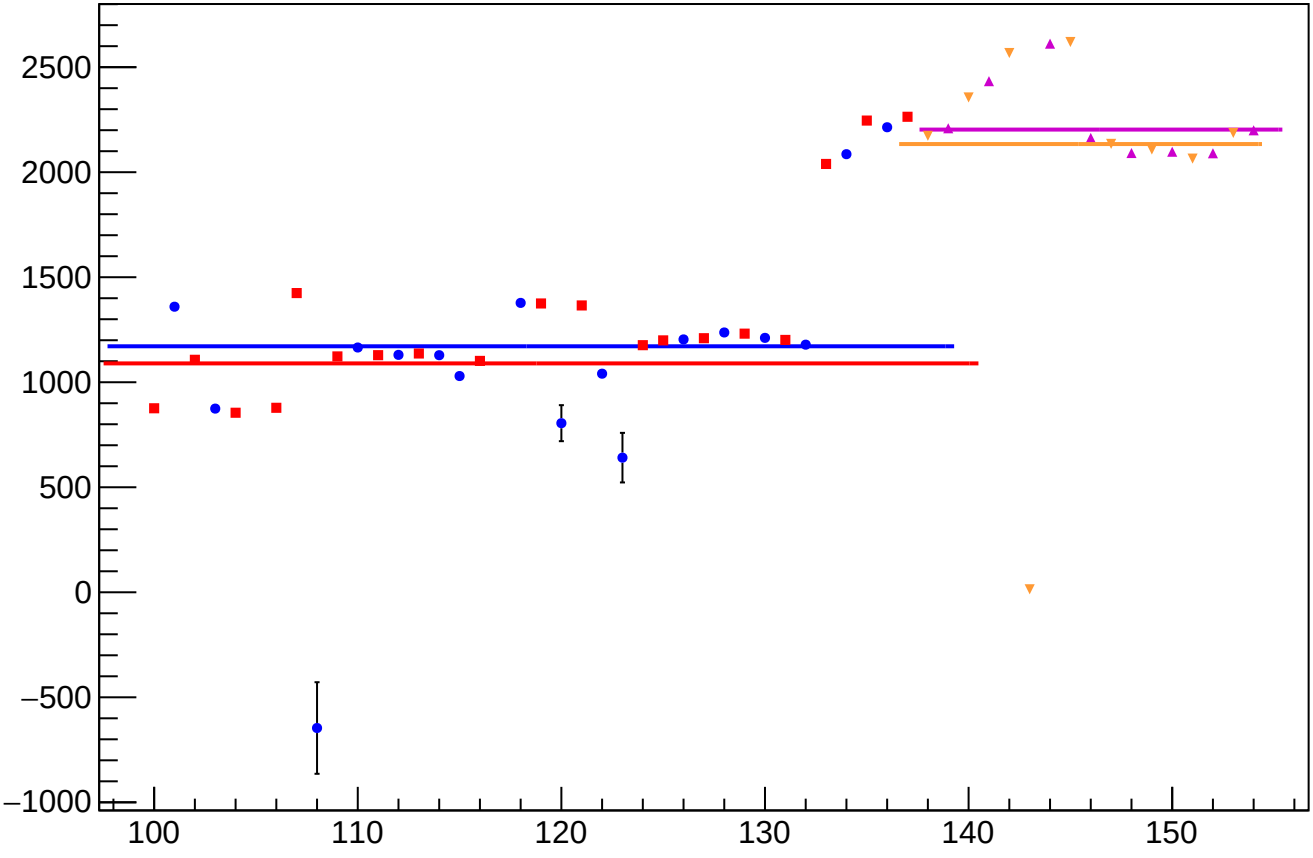
Left In: -2141.374+/-0.635 χ^2/NDF:31457.1/7

+ sign -889.928+/-0.000 χ^2/NDF: 5246978.6/25

All: -976.220+/-0.000 χ^2/NDF: 4488978738

- sign -1134.421+/-0.000 χ^2/NDF: 3278538.0/26

dit_atl2_4eX_slope vs Slug



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2134.034+/-0.579 χ^2/NDF:301460.8/8

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

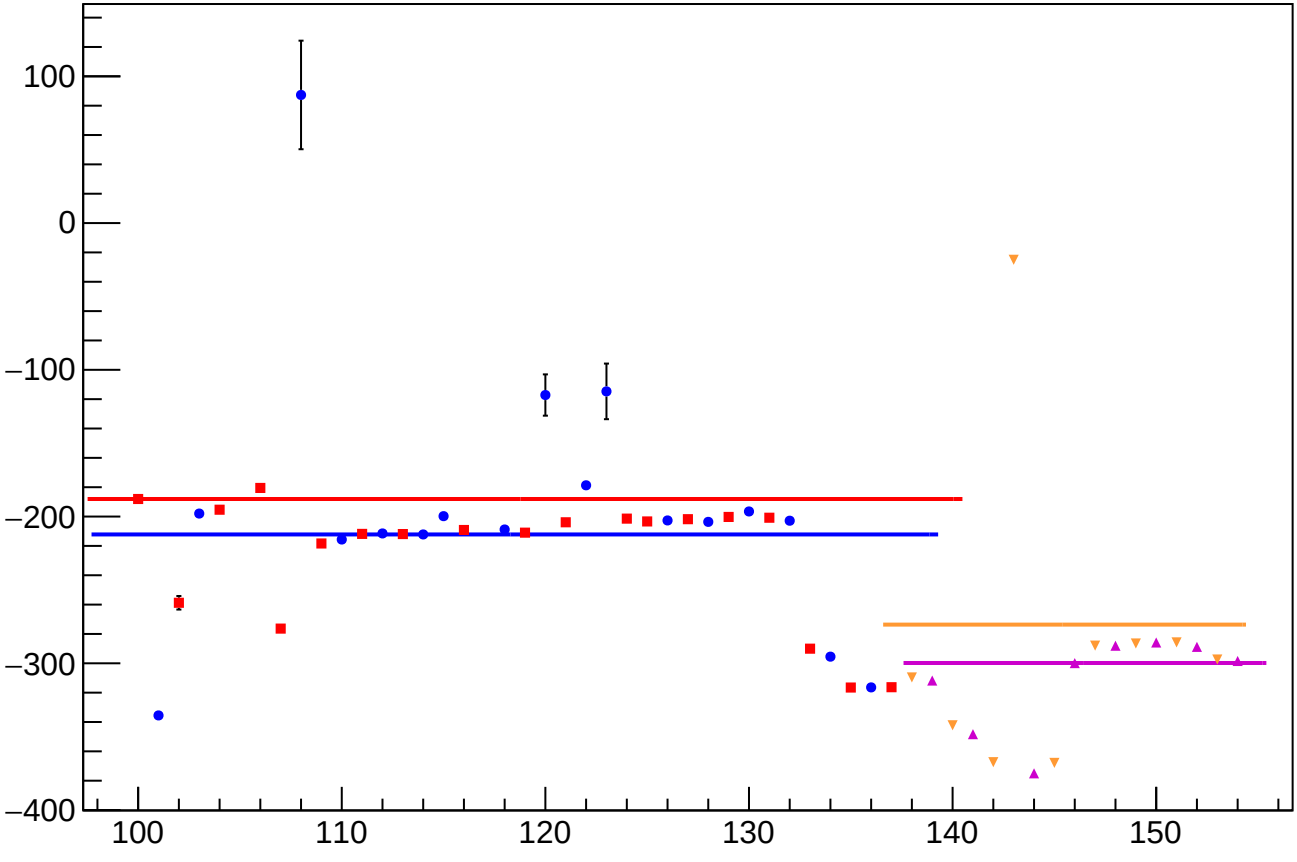
Left In: 2202.903+/-0.650 χ^2/NDF:54494.7/7

+ sign 1317.967+/-0.226 χ^2/NDF: 3157745.0/25

All: 1279.073+/-0.163 χ^2/NDF: 6919869.4/52

- sign 1236.573+/-0.236 χ^2/NDF: 3700086.2/26

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -273.634+/-0.032 χ^2/NDF:5621876.1/8

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

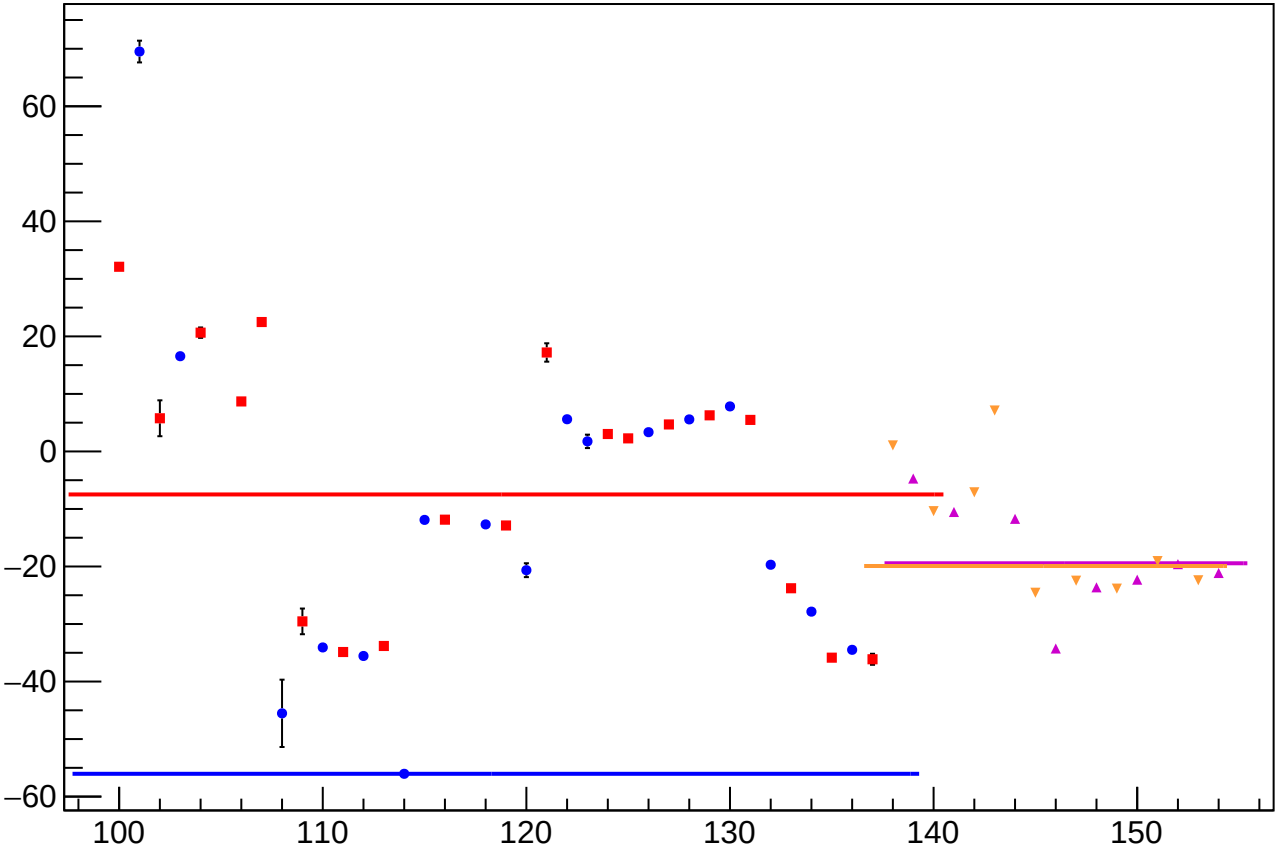
Left In: -299.789+/-0.038 χ^2/NDF:270505.8/7

+ sign -212.190+/-0.000 χ^2/NDF: 10368977.5/25

All: -195.625+/-0.000 χ^2/NDF: 1362230362

- sign -188.033+/-0.000 χ^2/NDF: 9416243.2/26

dit_atl2_4aY_slope vs Slug



Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -19.915+/-0.035 χ^2/NDF:43884.5/8

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

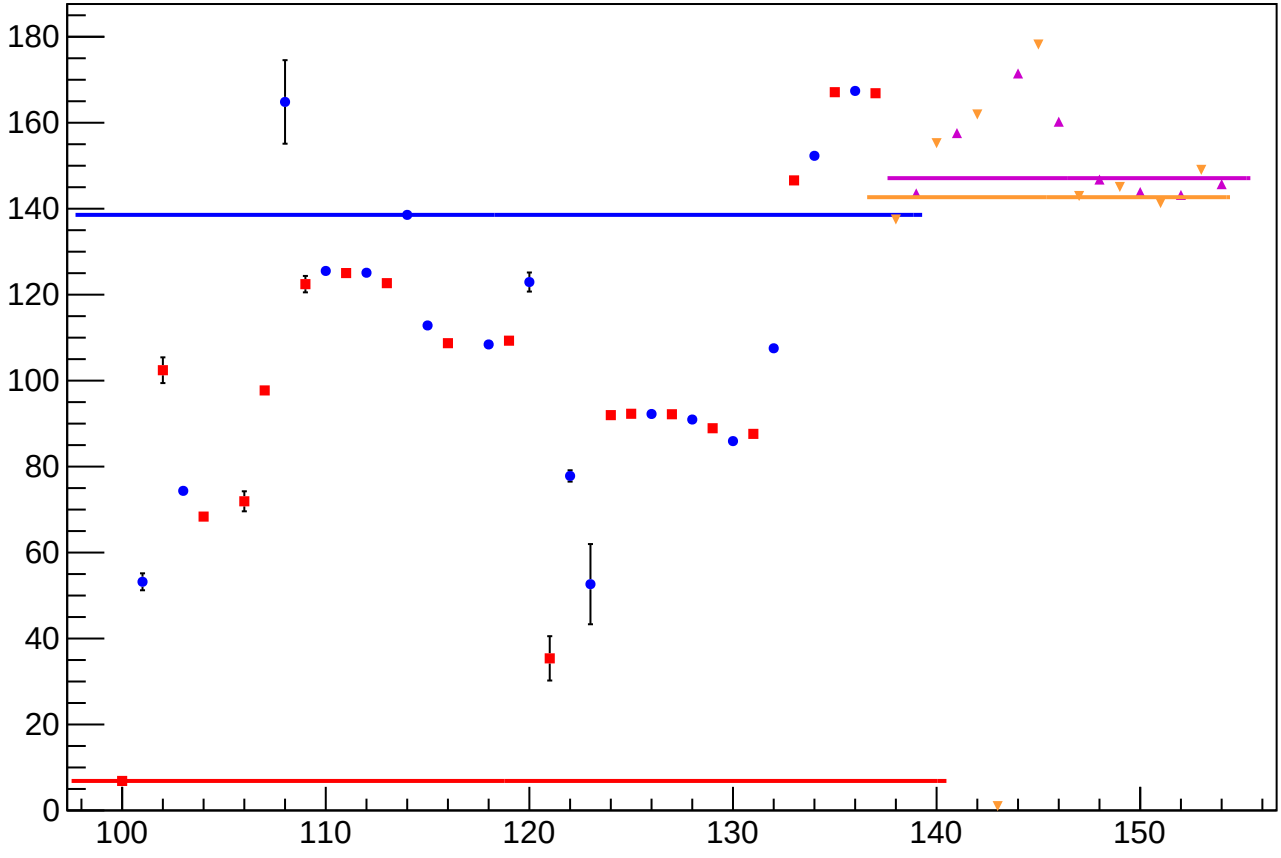
Left In: -19.441+/-0.035 χ^2/NDF:25494.3/7

+ sign -56.037+/-0.000 χ^2/NDF: 2716997.5/25

All: -56.037+/-0.000 χ^2/NDF: 5338957.8/52

- sign -14.571+/-0.027 χ^2/NDF: 247105.8/26

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 142.678+/-0.040 χ^2/NDF:307962.5/8

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

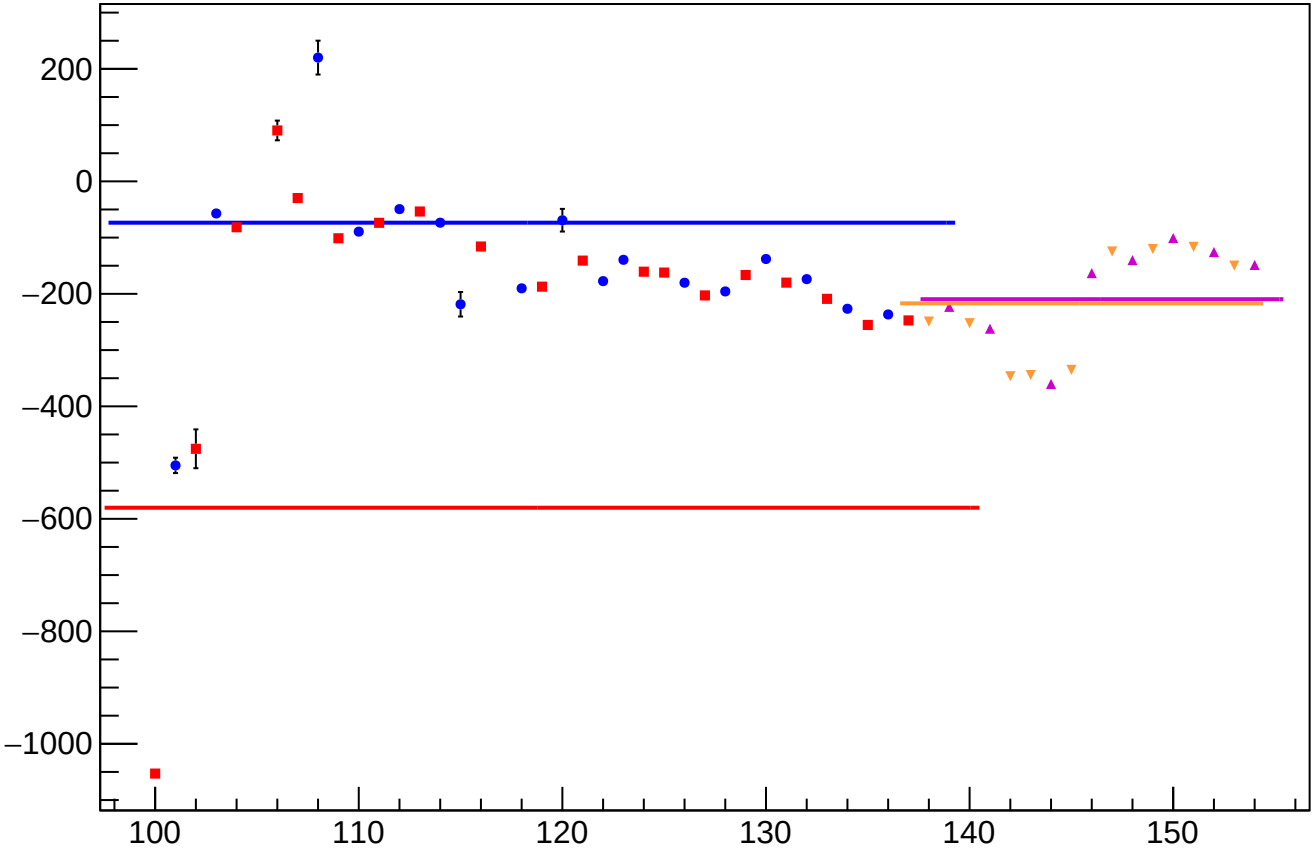
Left In: 147.107+/-0.043 χ^2/NDF:18170.2/7

+ sign 138.565+/-0.000 χ^2/NDF: 1219497.5/25

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

- sign 6.866+/-0.000 χ^2/NDF: 18492586.6/26

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -216.926+/-0.376 χ^2/NDF:49898.4/8

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

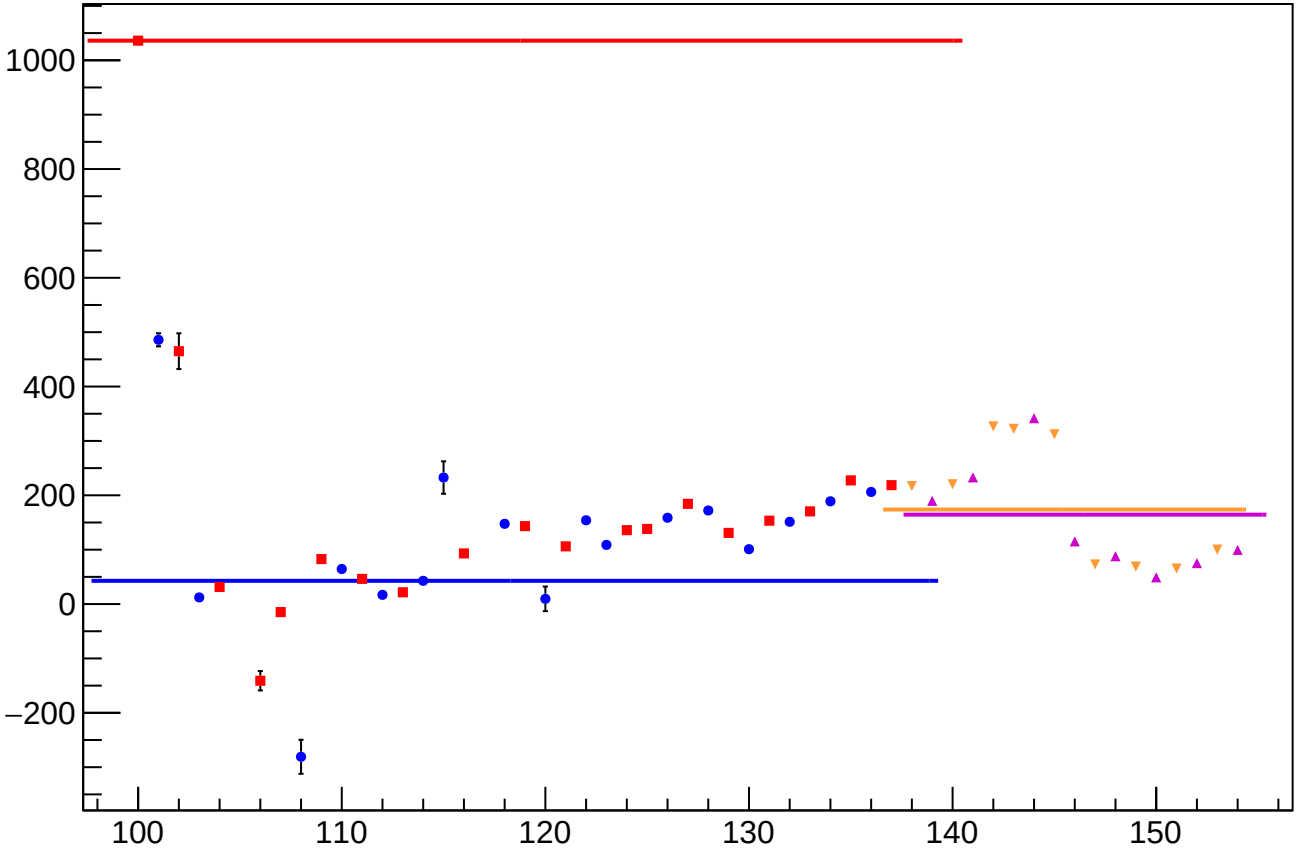
Left In: -209.510+/-0.401 χ^2/NDF:46662.6/7

+ sign -73.485+/-0.000 χ^2/NDF: 294114.3/25

All: -73.485+/-0.000 χ^2/NDF: 7259429.8/52

- sign -469.841+/-0.219 χ^2/NDF: 3679511.4/26

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 173.841+/-0.384 χ^2/NDF:62084.5/8

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

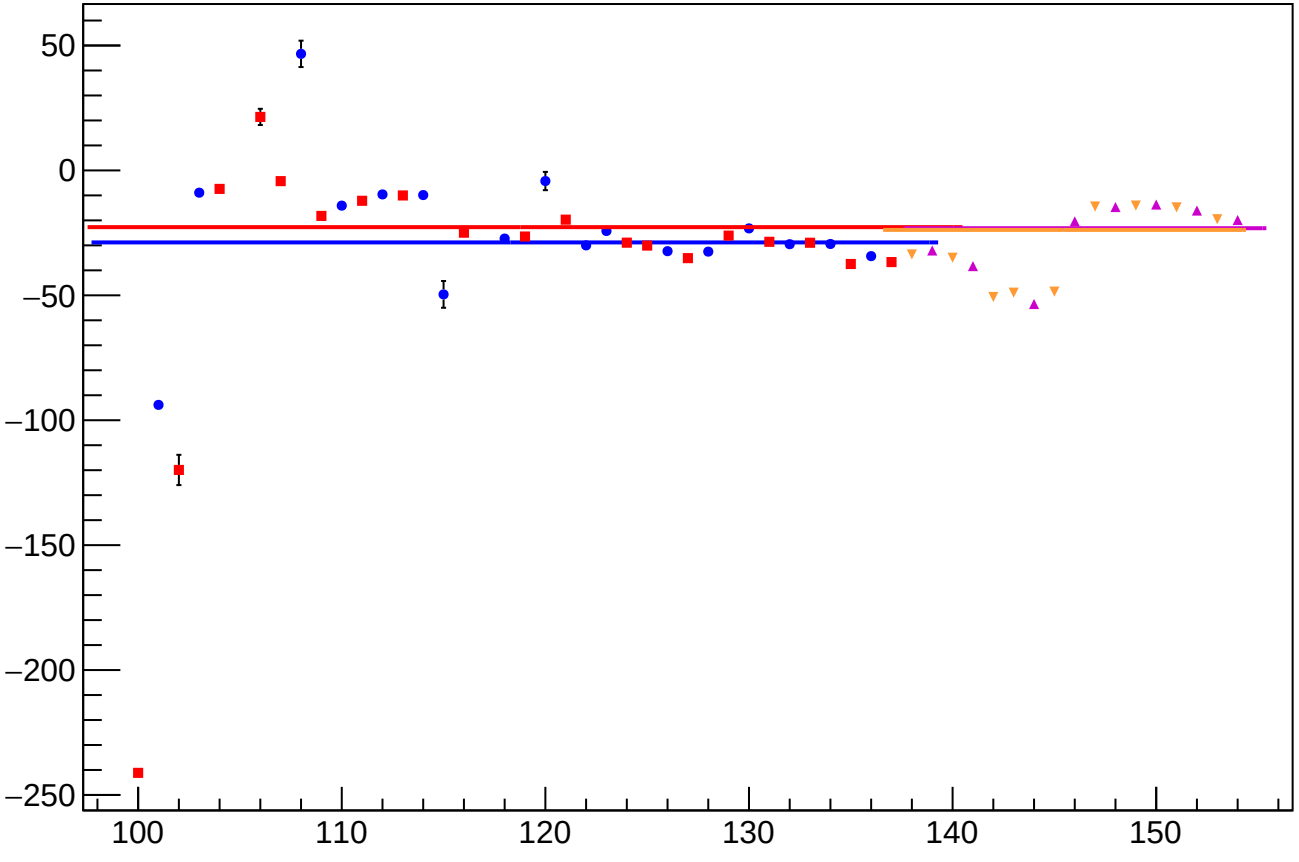
Left In: 164.391+/-0.411 χ^2/NDF:55097.3/7

+ sign 42.743+/-0.000 χ^2/NDF: 263263.8/25

All: 43.272+/-0.000 χ^2/NDF: 114451749726

- sign 1036.068+/-0.000 χ^2/NDF: 9478707.0/26

dit_atr1_11X12X_slope vs Slug



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -23.813+/-0.020 χ^2/NDF:296309.6/8

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

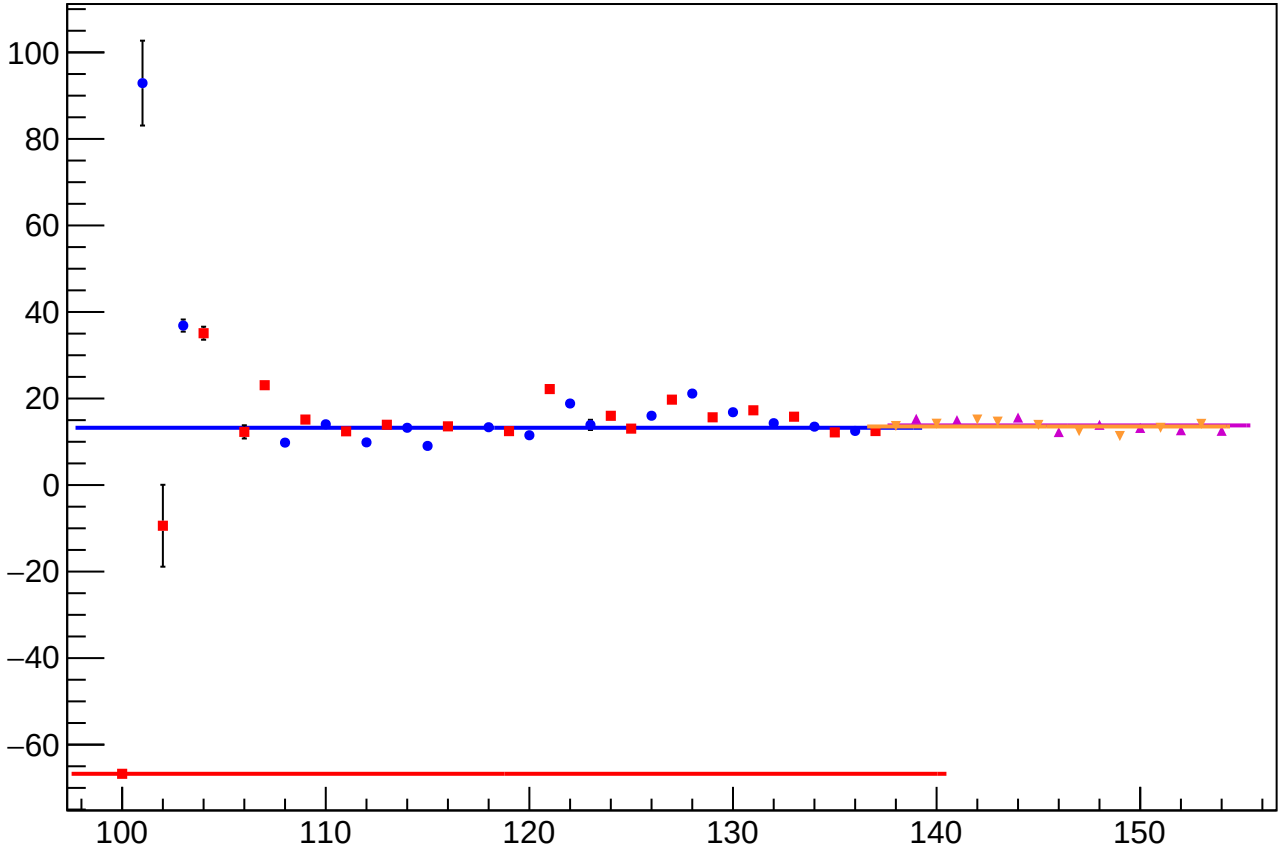
Left In: -23.137+/-0.025 χ^2/NDF:162396.9/7

+ sign -25.063+/-0.017 χ^2/NDF: 361416.8/25

All: -24.223+/-0.013 χ^2/NDF: 939813.0/52

- sign -23.008+/-0.021 χ^2/NDF: 572661.2/26

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.536+/-0.021 χ^2/NDF:2530.8/8

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

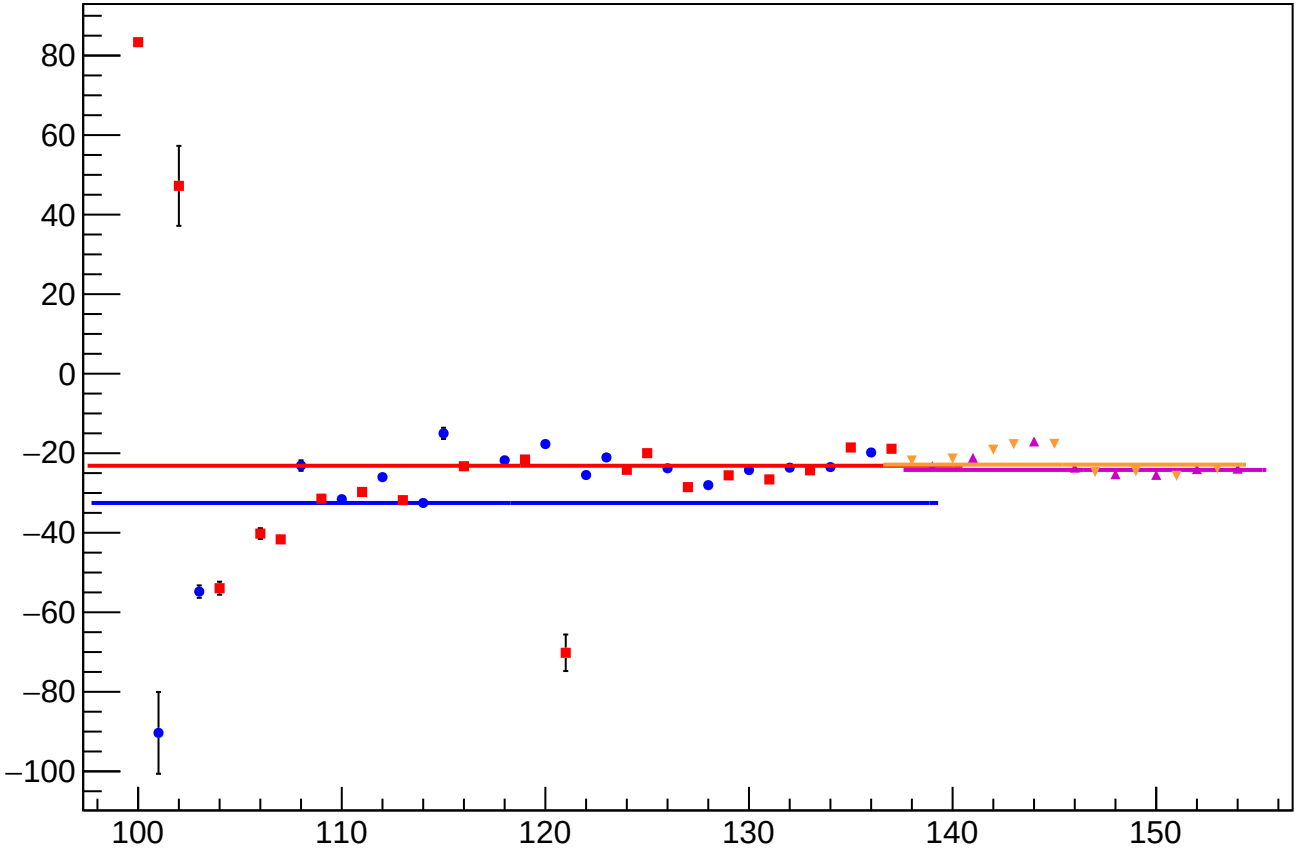
Left In: 13.782+/-0.022 χ^2/NDF:3087.1/7

+ sign 13.238+/-0.000 χ^2/NDF: 8483.1/25

All: 12.562+/-0.000 χ^2/NDF: 188431002765

- sign -66.739+/-0.000 χ^2/NDF: 16342518.0/26

dit_atr1_4eY_slope vs Slug



Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -22.867+/-0.026 χ^2/NDF:11016.7/8

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

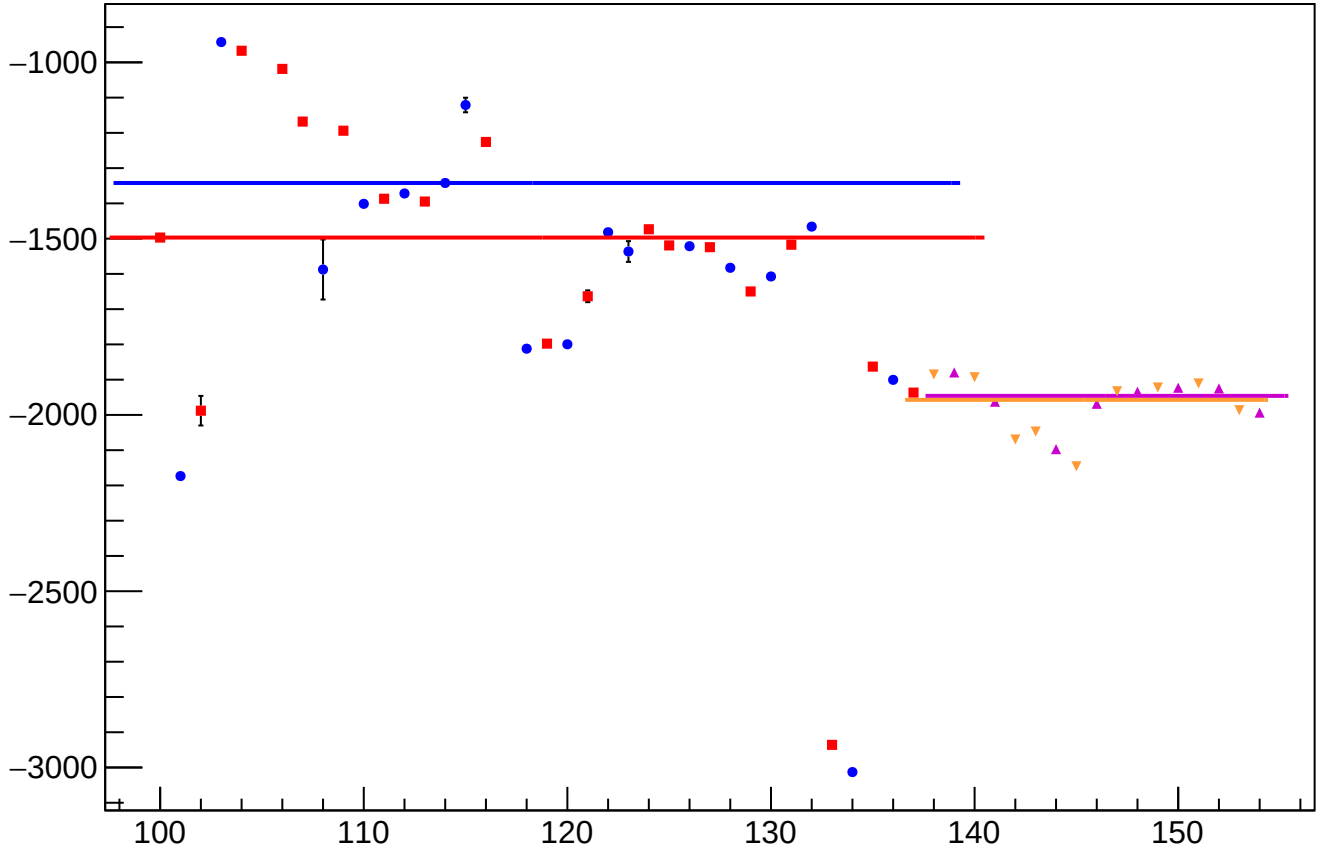
Left In: -24.200+/-0.025 χ^2/NDF:5292.9/7

+ sign -32.504+/-0.000 χ^2/NDF: 223933.8/25

All: -32.504+/-0.000 χ^2/NDF: 469906.1/52

- sign -23.975+/-0.022 χ^2/NDF: 96423.1/26

dit_atr2_4aX_slope vs Slug



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1957.258+/-0.566 χ^2/NDF:14064.1/8

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

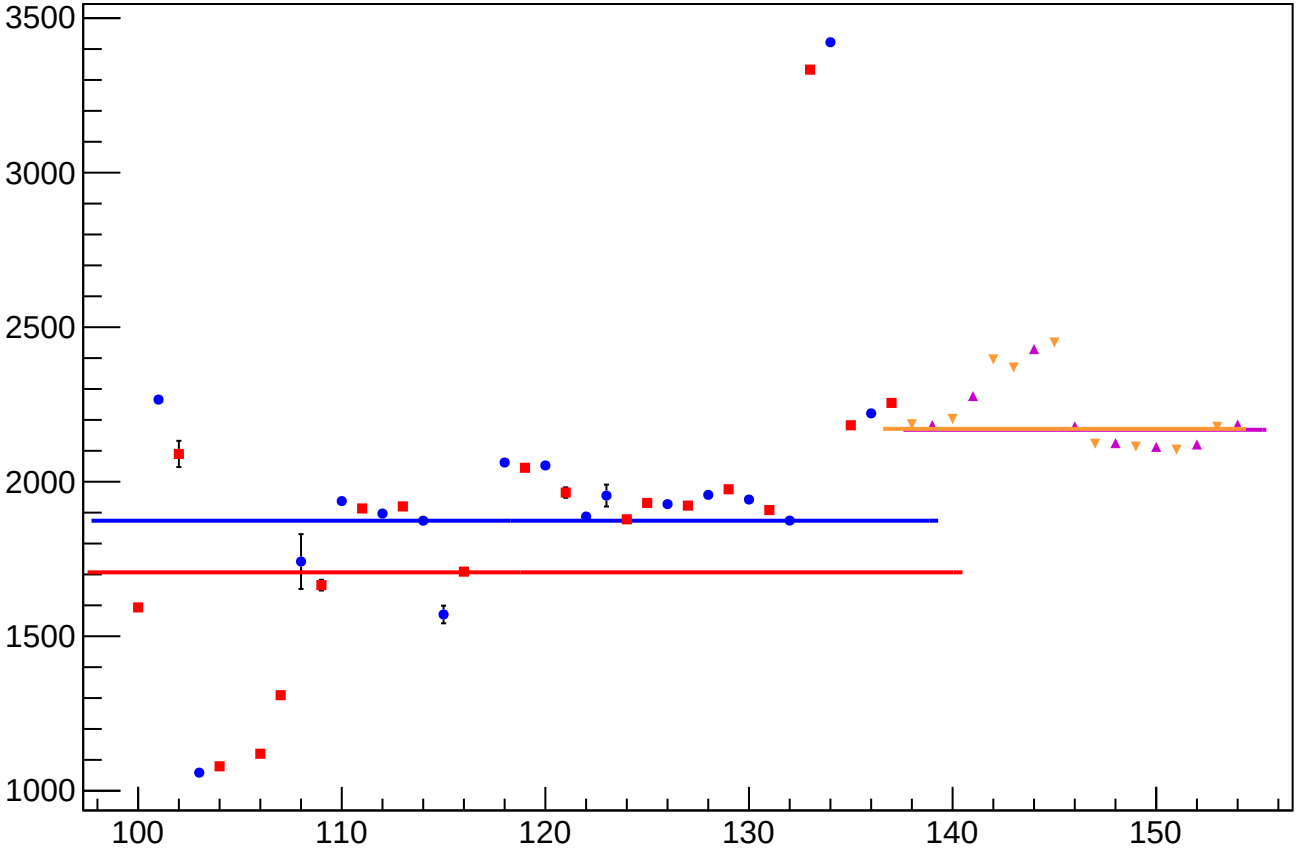
Left In: -1945.977+/-0.410 χ^2/NDF:15626.2/7

+ sign -1342.107+/-0.000 χ^2/NDF: 1568115.3/25

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

- sign -1496.932+/-0.000 χ^2/NDF: 1721199.7/26

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2171.097+/-0.571 χ^2/NDF:27008.3/8

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

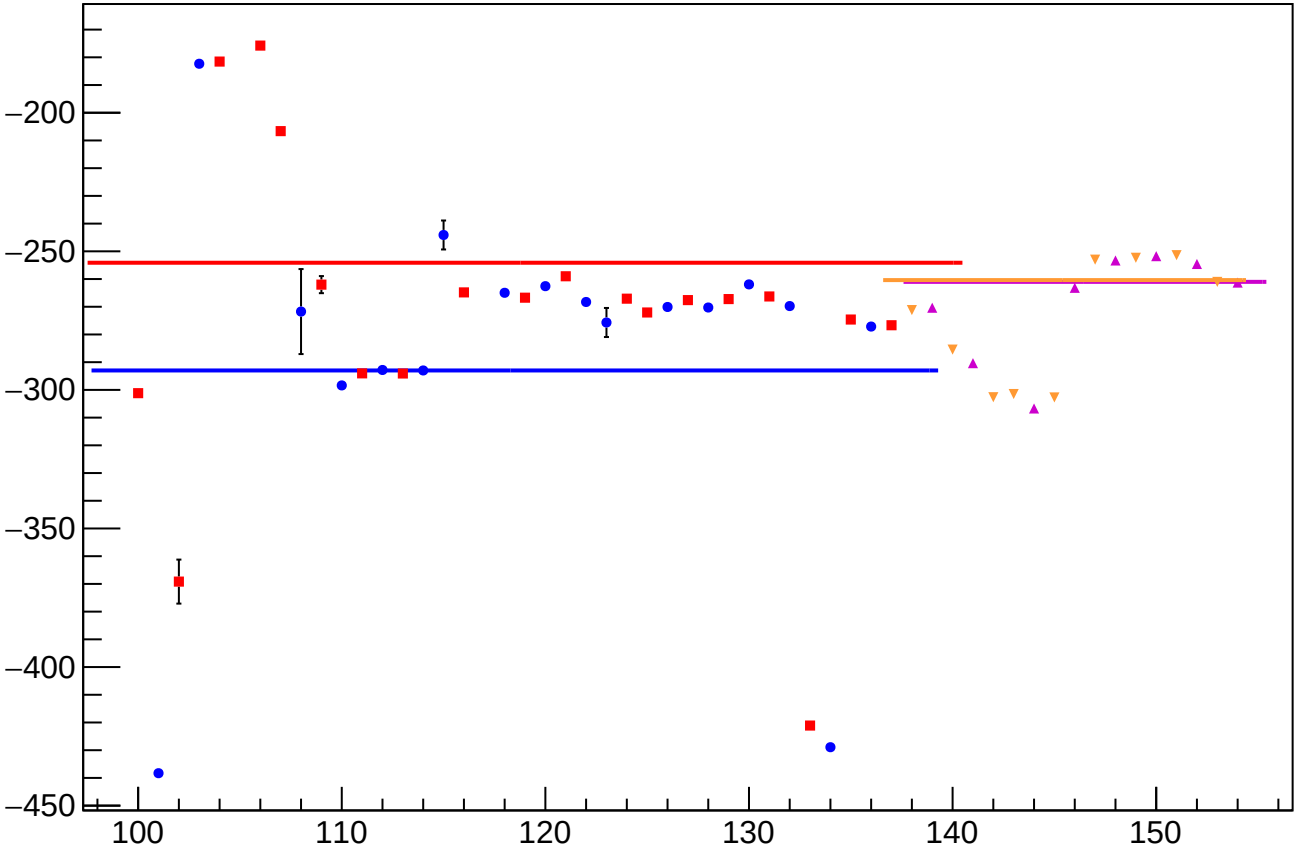
Left In: 2168.059+/-0.411 χ^2/NDF:35537.0/7

+ sign 1873.852+/-0.000 χ^2/NDF: 499405.9/25

All: 1873.852+/-0.000 χ^2/NDF: 2190664.9/52

- sign 1868.750+/-0.244 χ^2/NDF: 1690820.3/26

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -260.384+/-0.032 χ^2/NDF:189420.6/8

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

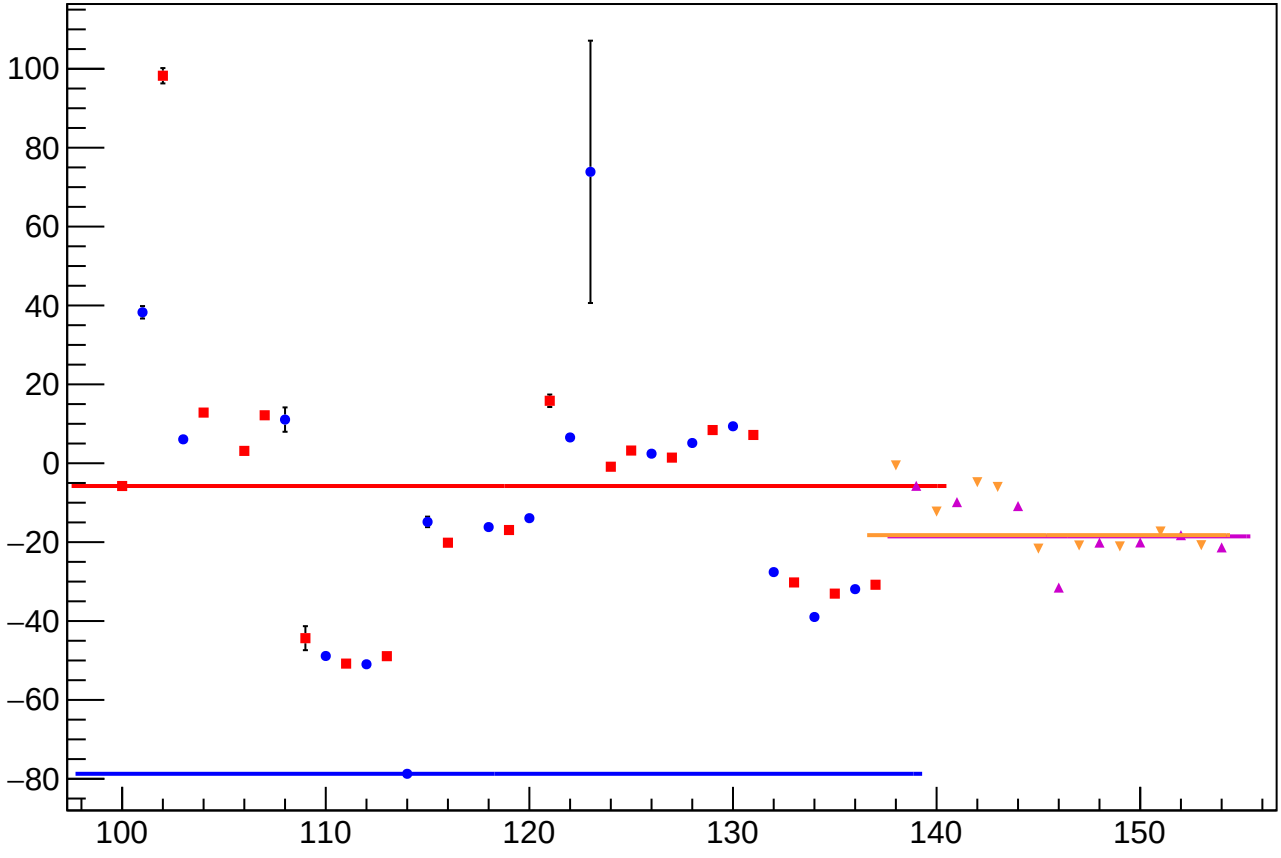
Left In: -261.015+/-0.025 χ^2/NDF:229453.0/7

+ sign -292.986+/-0.000 χ^2/NDF: 2273891.8/25

All: -292.986+/-0.000 χ^2/NDF: 5117202.0/52

- sign -259.988+/-0.023 χ^2/NDF: 743739.1/26

dit_atr2_4aY_slope vs Slug



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -18.226+/-0.034 χ^2/NDF:19338.3/8

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

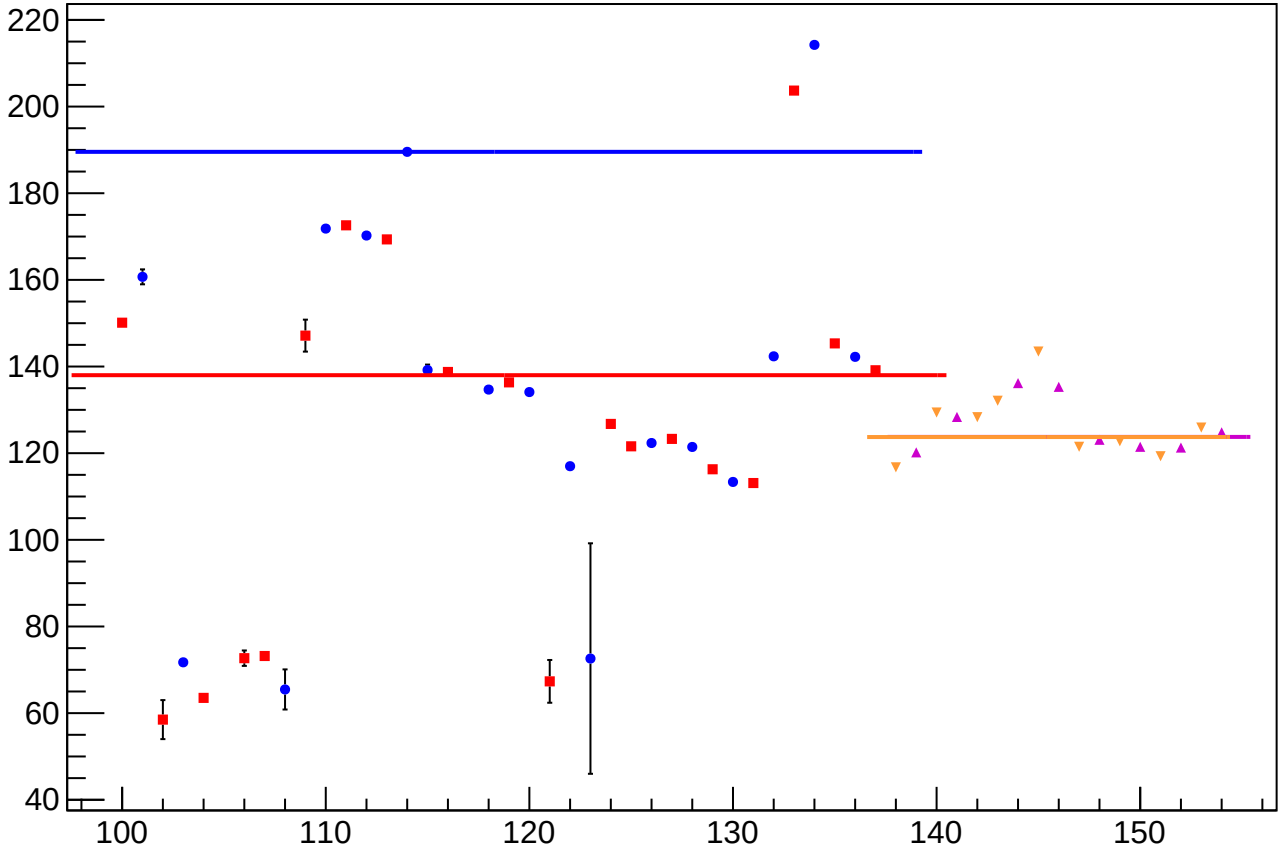
Left In: -18.538+/-0.026 χ^2/NDF:34838.2/7

+ sign -78.728+/-0.000 χ^2/NDF: 4519263.2/25

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

- sign -5.769+/-0.000 χ^2/NDF: 388361.0/26

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 123.726+/-0.038 χ^2/NDF:10196.3/8

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

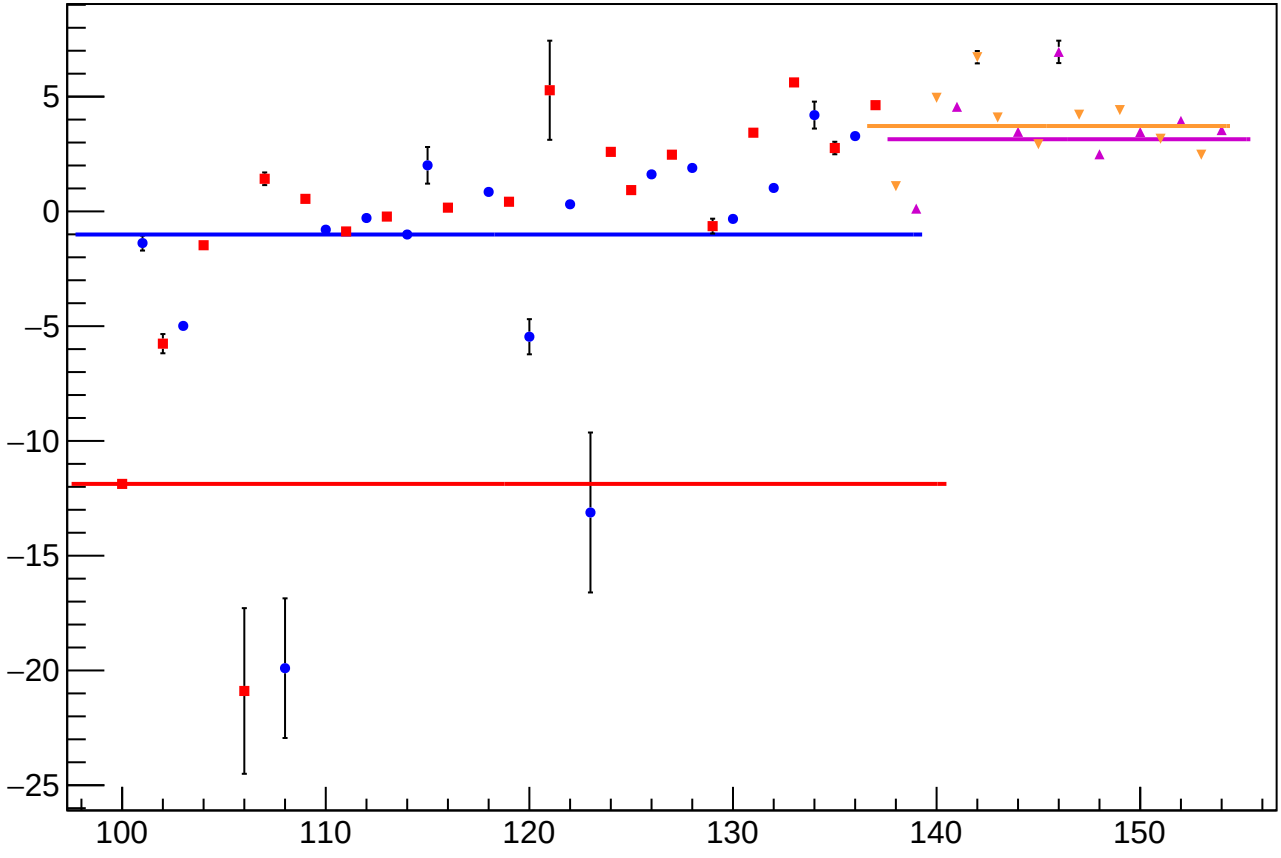
Left In: 123.756+/-0.037 χ^2/NDF:9304.6/7

+ sign 189.551+/-0.000 χ^2/NDF: 3957904.5/25

All: 189.551+/-0.000 χ^2/NDF: 8025755.1/52

- sign 127.755+/-0.031 χ^2/NDF: 168505.3/26

dit_sam1_4aX_slope vs Slug



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 3.720+/-0.036 χ^2/NDF:764.5/8

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

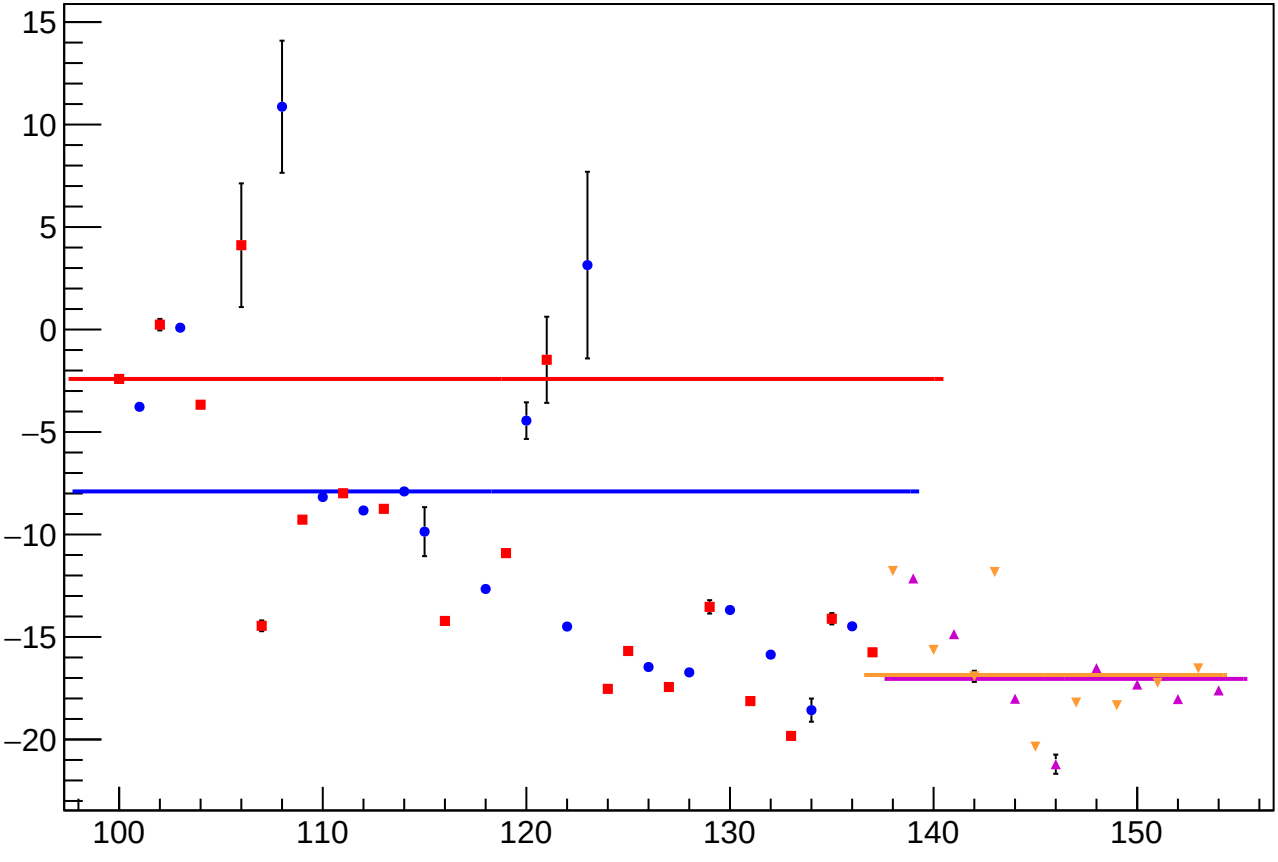
Left In: 3.144+/-0.024 χ^2/NDF:2719.6/7

+ sign -1.007+/-0.000 χ^2/NDF: 25007.7/25

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

- sign -11.872+/-0.000 χ^2/NDF: 910565.0/26

dit_sam1_4eX_slope vs Slug



Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -16.853+/-0.035 χ^2/NDF:3843.8/8

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

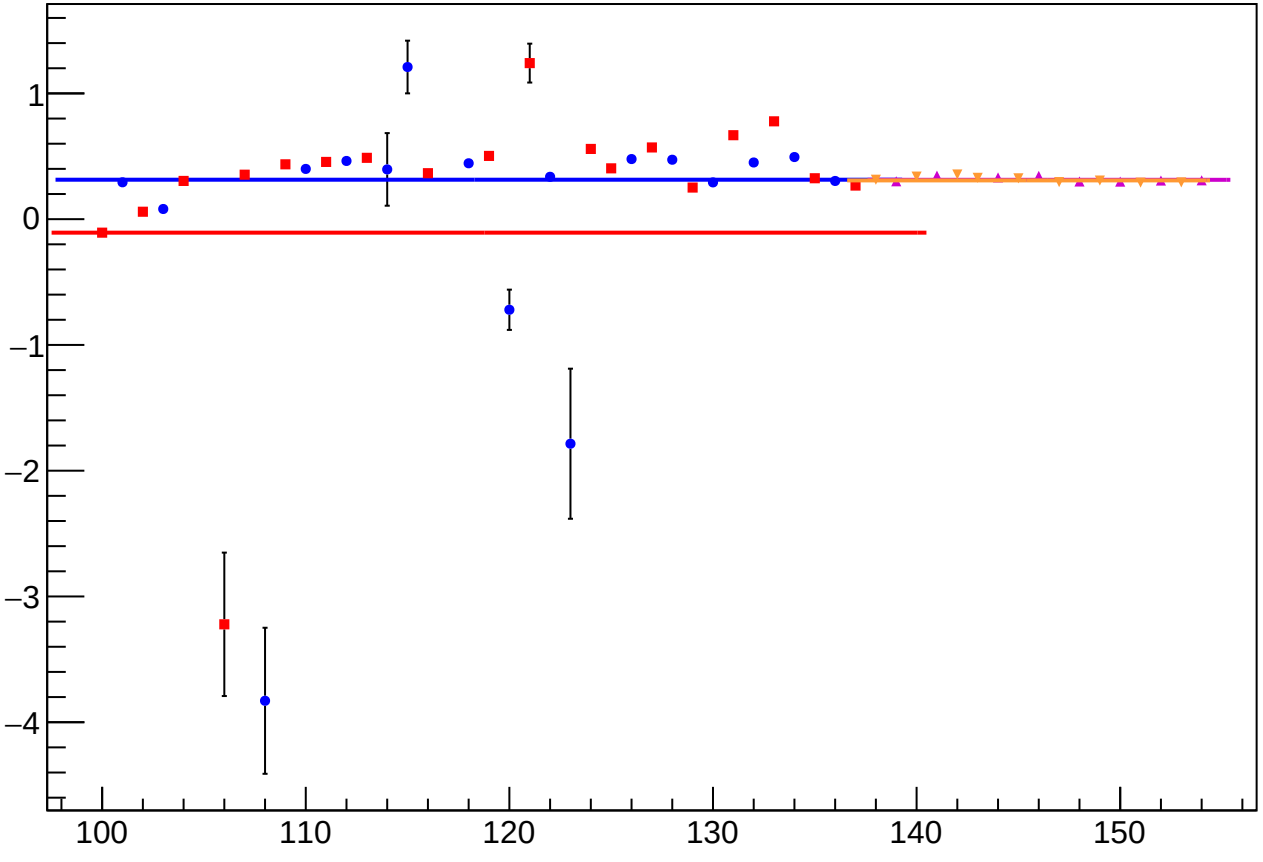
Left In: -17.045+/-0.025 χ^2/NDF:2822.6/7

+ sign -7.899+/-0.000 χ^2/NDF: 106991.0/25

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

- sign -2.410+/-0.000 χ^2/NDF: 540283.1/26

dit_sam1_11X12X_slope vs Slug



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.308+/-0.000 χ^2/NDF:1785.0/8

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

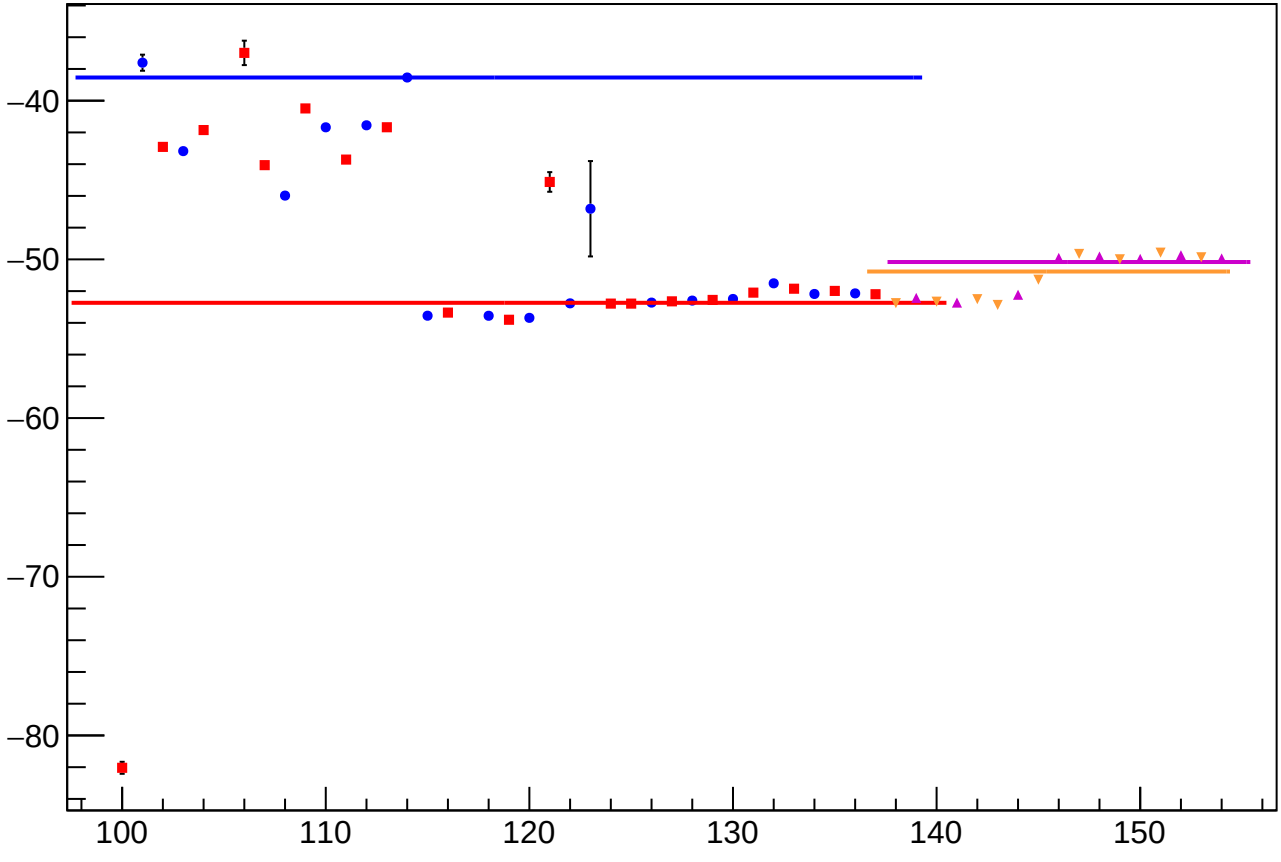
Left In: 0.313+/-0.000 χ^2/NDF:1483.3/7

+ sign 0.309+/-0.000 χ^2/NDF: 4559.5/25

All: -0.107+/-0.000 χ^2/NDF: 2668911.7/52

- sign -0.107+/-0.000 χ^2/NDF: 1524038.8/26

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.765+/-0.003 χ^2/NDF:211033.8/8

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

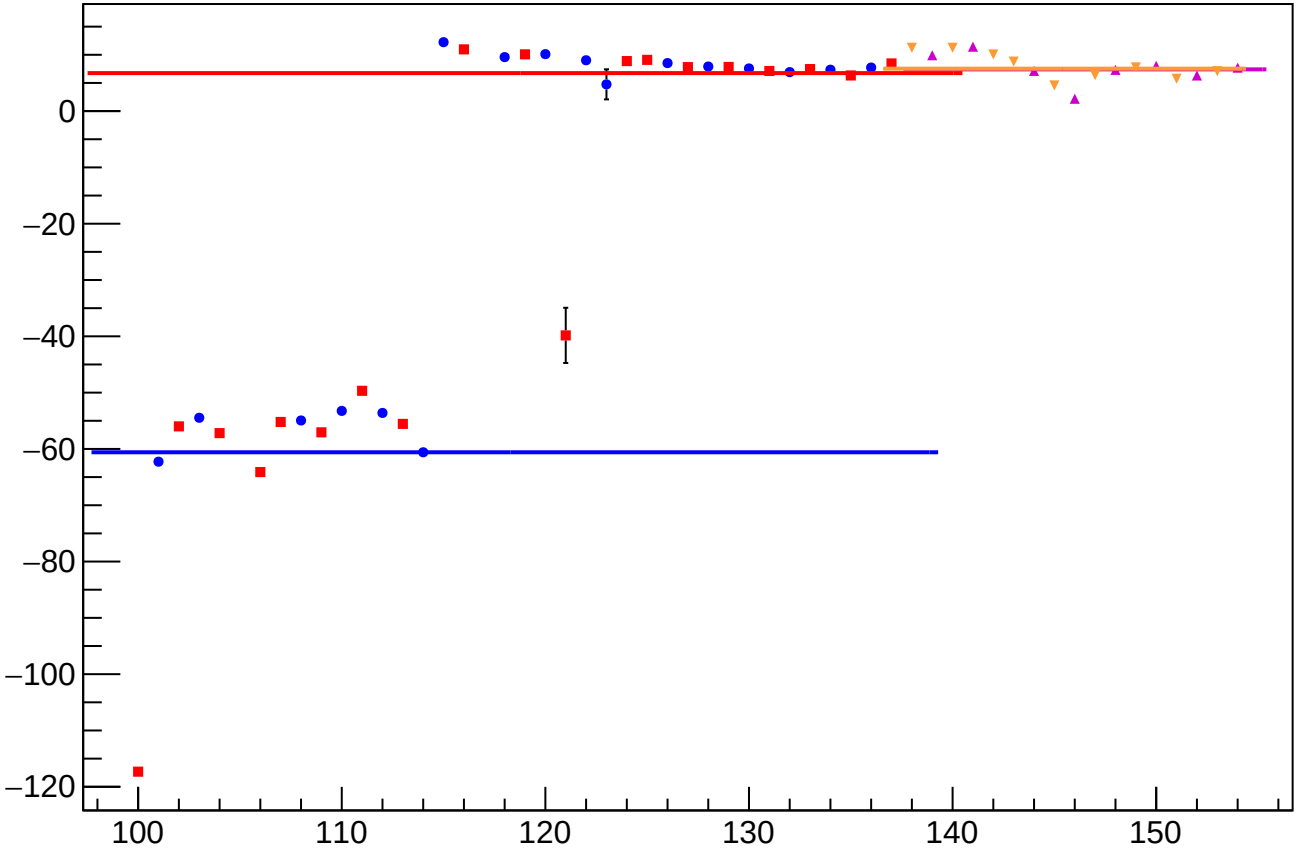
Left In: -50.166+/-0.002 χ^2/NDF:152943.2/7

+ sign -38.539+/-0.000 χ^2/NDF: 31864343.9/25

All: -38.539+/-0.000 χ^2/NDF: 124113746.1/5

- sign -51.510+/-0.001 χ^2/NDF: 1133388.3/26

dit_sam1_4eY_slope vs Slug



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 7.536+/-0.007 χ^2/NDF:65194.1/8

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

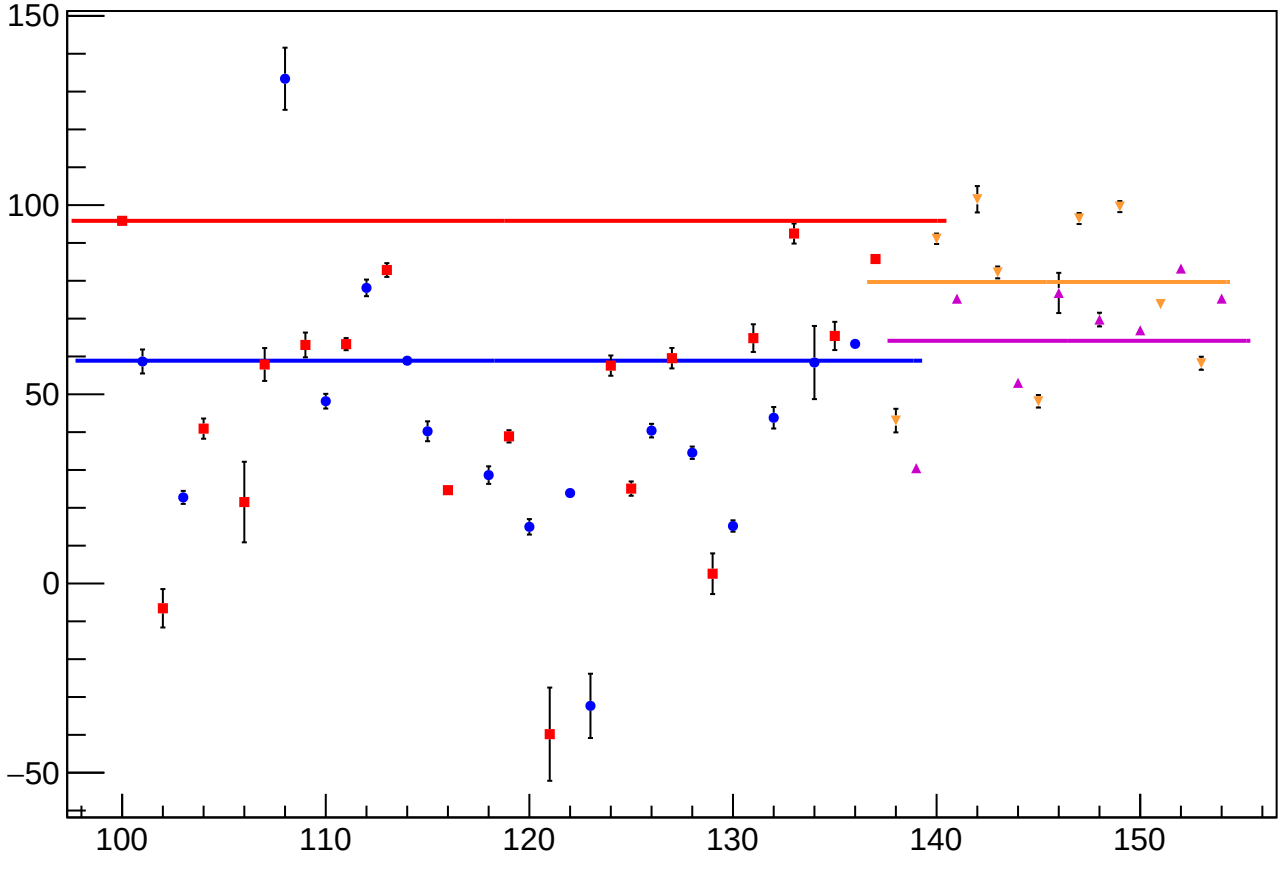
Left In: 7.411+/-0.004 χ^2/NDF:107211.6/7

+ sign -60.594+/-0.000 χ^2/NDF: 131893655.2/25

All: -60.594+/-0.000 χ^2/NDF: 426146540.4/5

- sign 7.325+/-0.004 χ^2/NDF: 1376954.5/26

dit_sam2_4aX_slope vs Slug



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 79.683+/-0.542 χ^2/NDF:1107.8/8

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

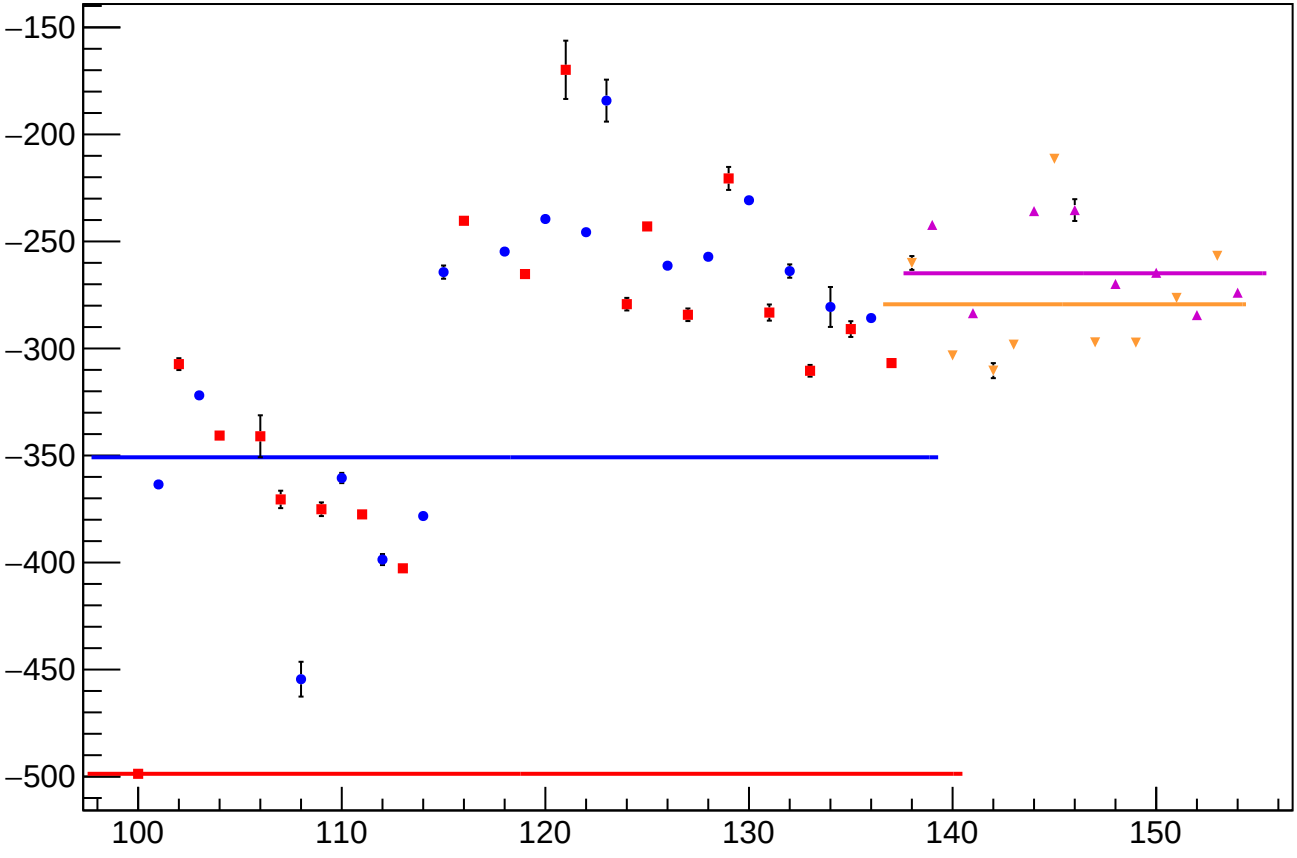
Left In: 64.137+/-0.374 χ^2/NDF:1898.7/7

+ sign 58.880+/-0.000 χ^2/NDF: 6396.5/25

All: 60.098+/-0.000 χ^2/NDF: 981523394566

- sign 95.846+/-0.000 χ^2/NDF: 48472.1/26

dit_sam2_4eX_slope vs Slug



Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -279.359+/-0.531 χ^2/NDF:2970.6/8

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

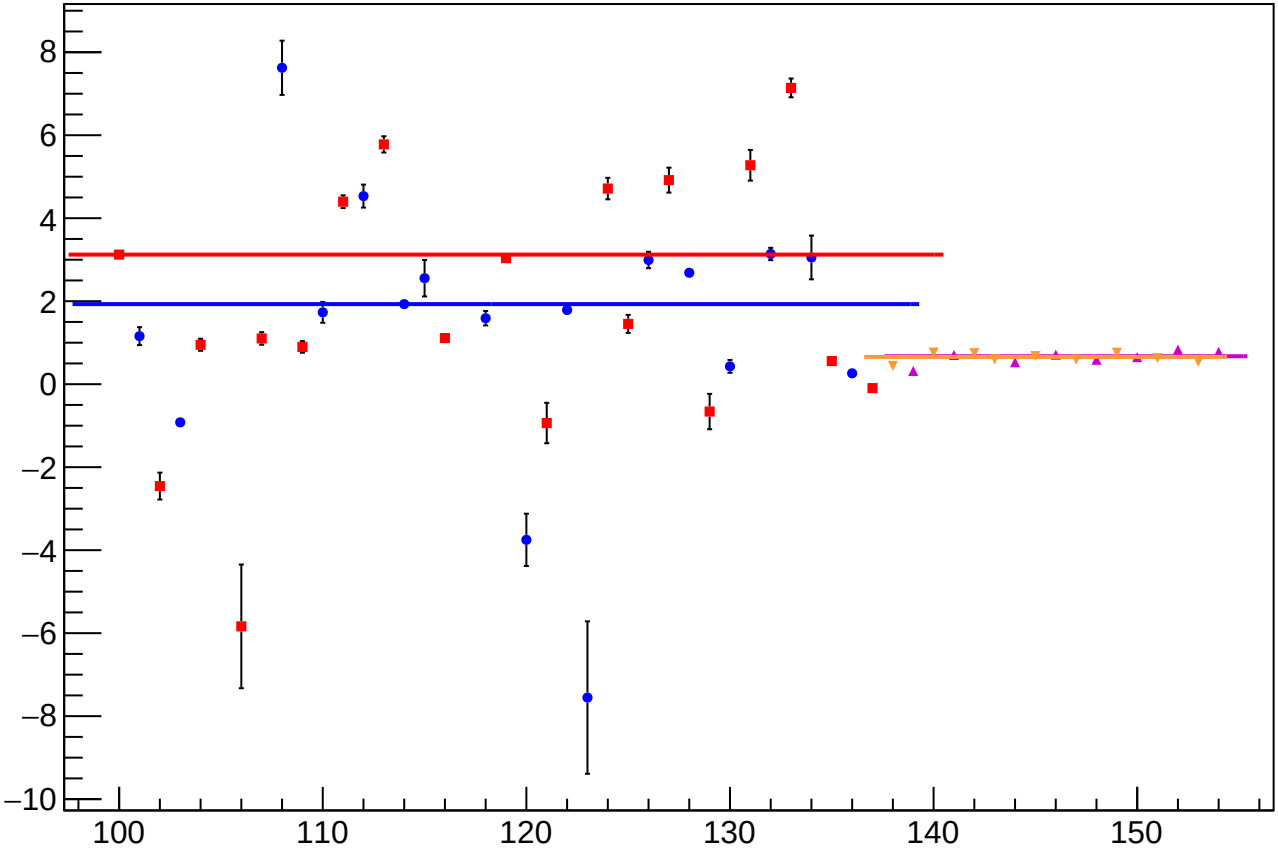
Left In: -264.875+/-0.379 χ^2/NDF:1836.0/7

+ sign -338.311+/-0.222 χ^2/NDF: 59239.2/25

All: -498.692+/-0.000 χ^2/NDF: 1475205.2/52

- sign -498.692+/-0.000 χ^2/NDF: 894437.5/26

dit_sam2_11X12X_slope vs Slug



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.658+/-0.003 χ^2/NDF:658.9/8

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

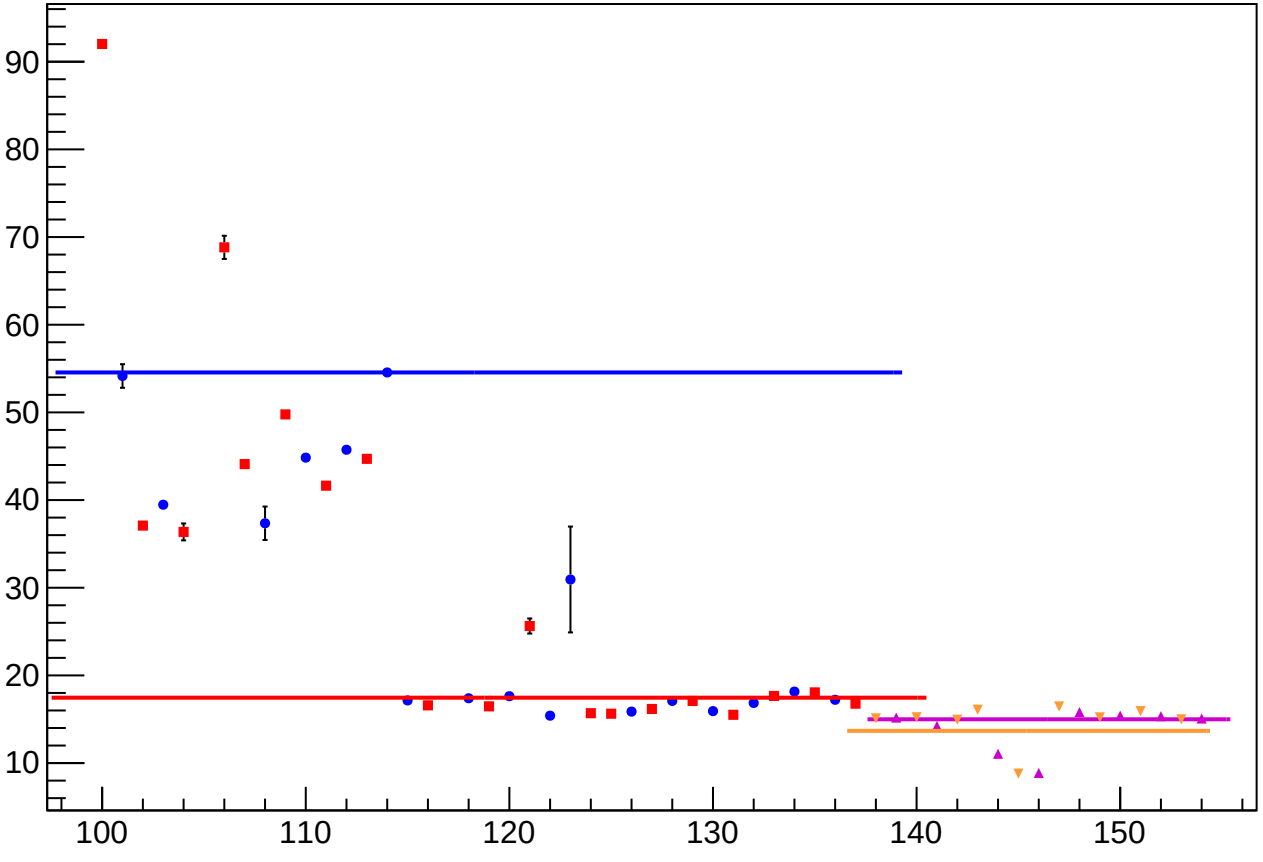
Left In: 0.674+/-0.003 χ^2/NDF:3342.8/7

+ sign 1.930+/-0.000 χ^2/NDF: 198665.2/25

All: 2.073+/-0.000 χ^2/NDF: 3809953457808

- sign 3.123+/-0.000 χ^2/NDF: 1367866.6/26

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 13.676+/-0.011 χ^2/NDF:72143.4/8

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

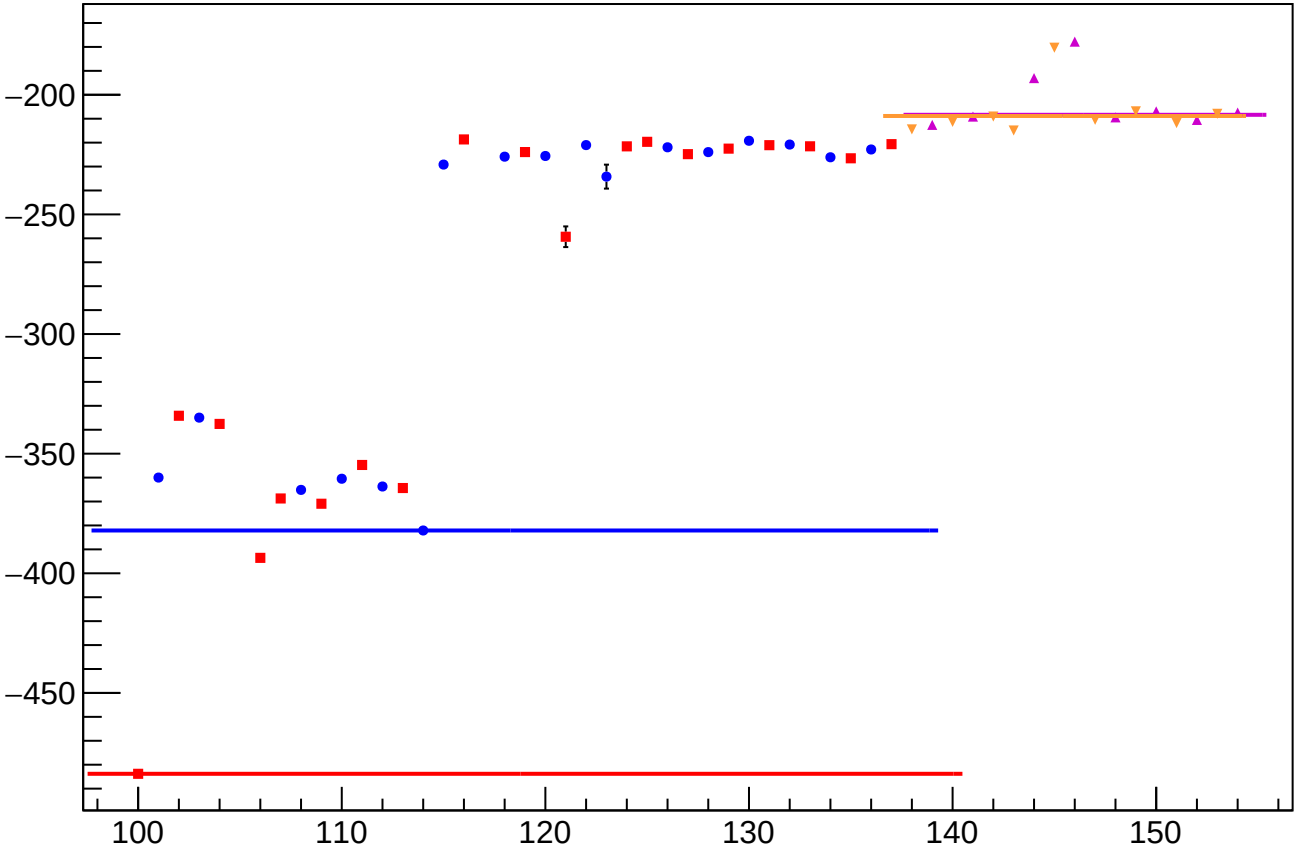
Left In: 14.994+/-0.011 χ^2/NDF:7606.5/7

+ sign 54.556+/-0.000 χ^2/NDF: 20431290.3/25

All: 54.556+/-0.000 χ^2/NDF: 38057290.6/52

- sign 15.632+/-0.009 χ^2/NDF: 120379.6/26

dit_sam2_4eY_slope vs Slug



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -208.863+/-0.022 χ^2/NDF:58709.2/8

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

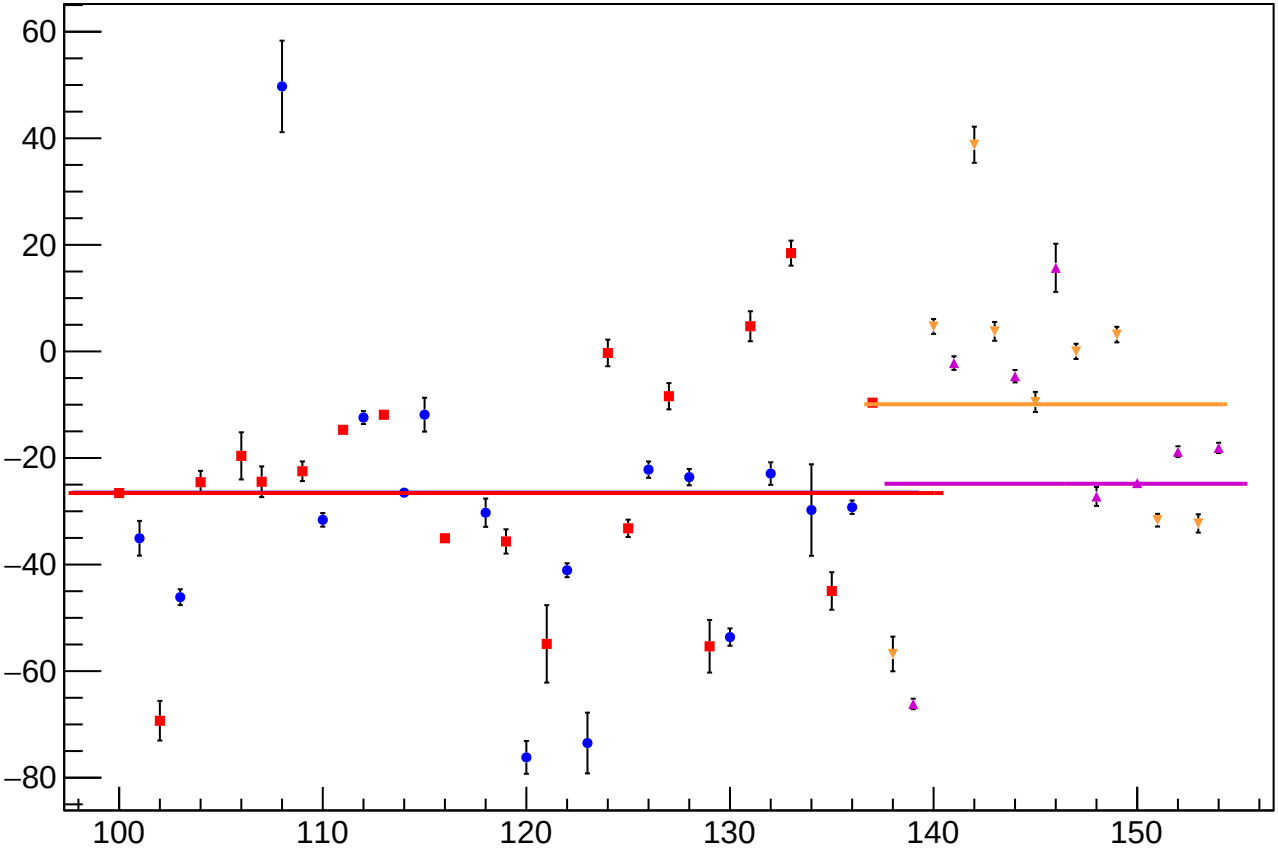
Left In: -208.373+/-0.020 χ^2/NDF:13747.9/7

+ sign -382.108+/-0.000 χ^2/NDF: 81865342.2/25

All: -417.999+/-0.000 χ^2/NDF: 12425488813

- sign -483.800+/-0.000 χ^2/NDF: 208315046.1/26

dit_sam3_4aX_slope vs Slug



Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -9.916+/-0.552 χ^2/NDF:1207.6/8

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

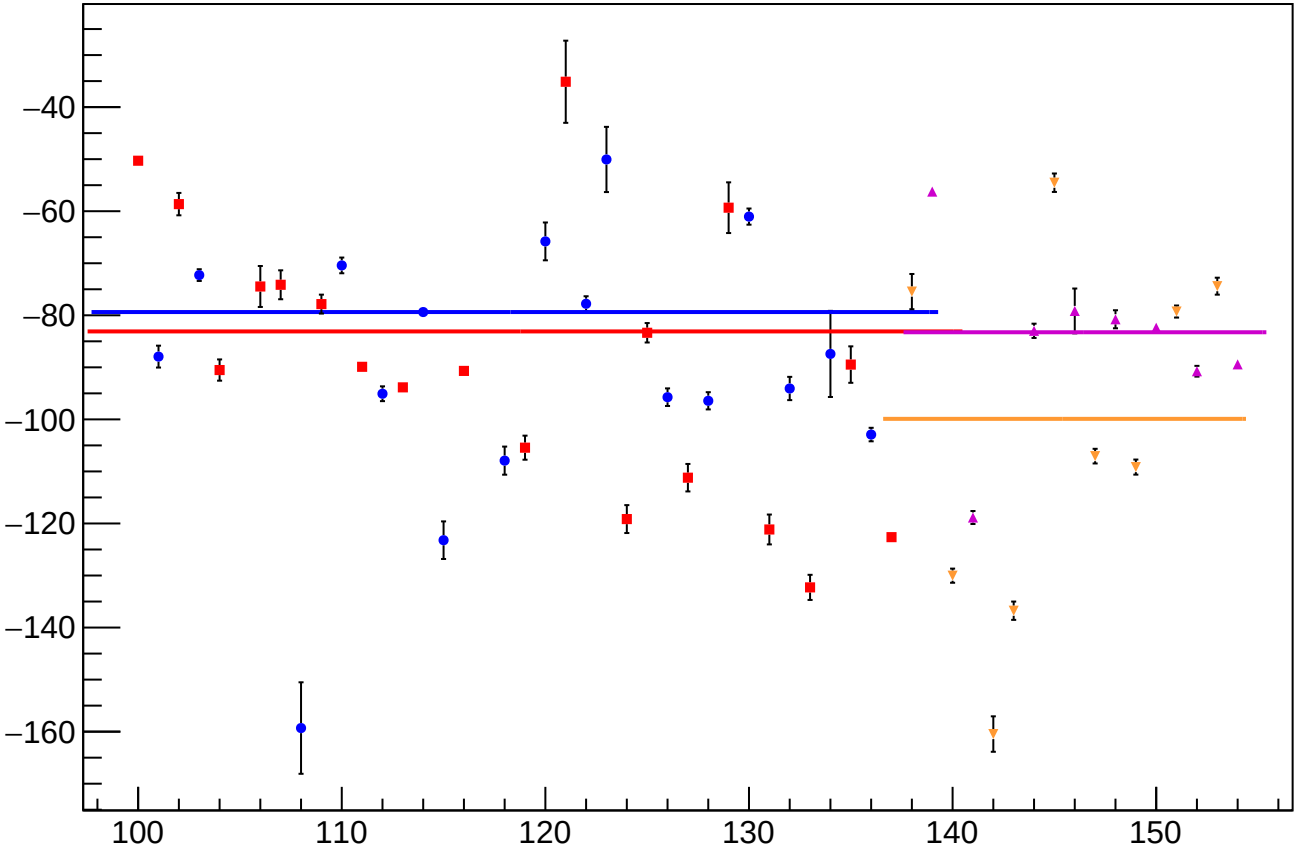
Left In: -24.834+/-0.392 χ^2/NDF:2566.3/7

+ sign -26.504+/-0.000 χ^2/NDF: 3291.4/25

All: -26.530+/-0.000 χ^2/NDF: 412159279654

- sign -26.577+/-0.000 χ^2/NDF: 5226.9/26

dit_sam3_4eX_slope vs Slug



Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -99.898+/-0.538 χ^2/NDF:2580.5/8

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

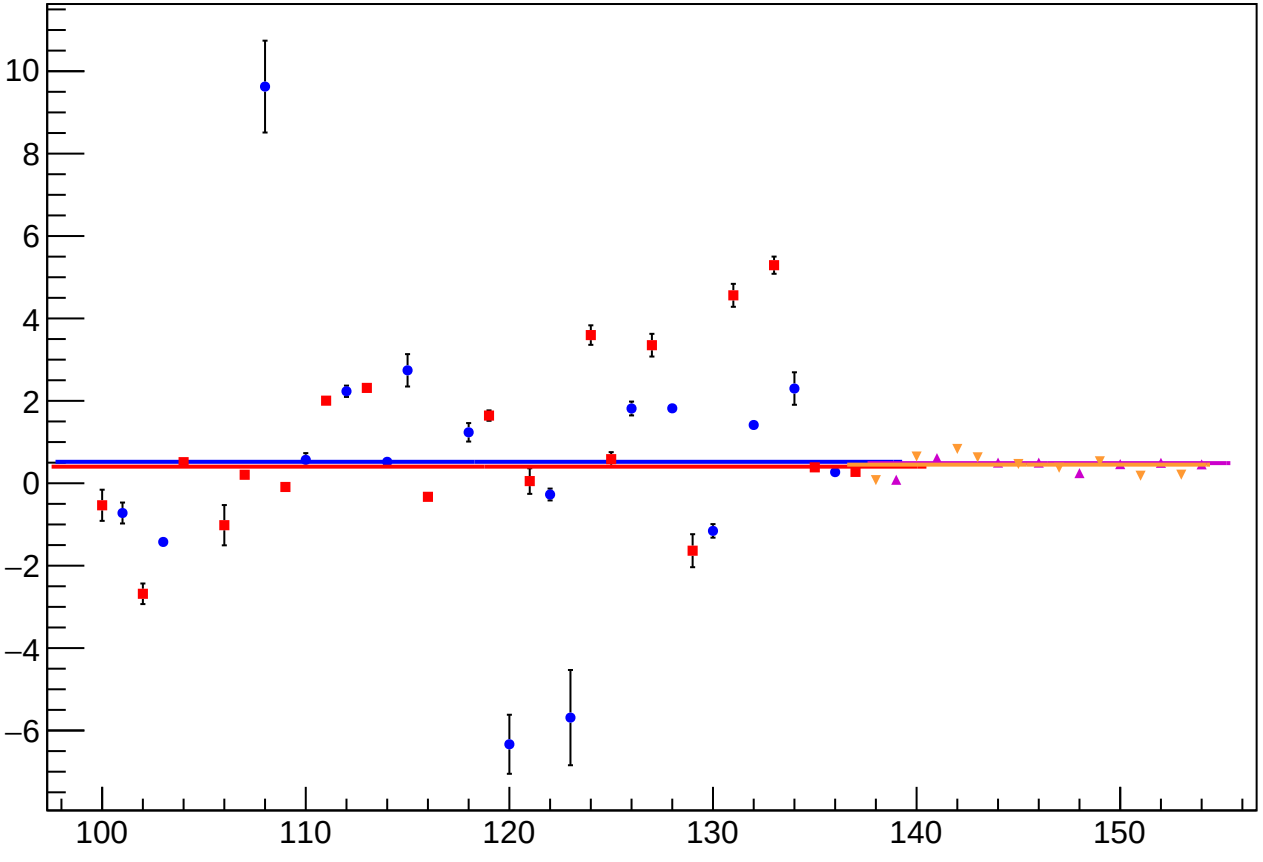
Left In: -83.259+/-0.387 χ^2/NDF:1827.7/7

+ sign -79.376+/-0.000 χ^2/NDF: 5340.6/25

All: -79.376+/-0.000 χ^2/NDF: 19621.6/52

- sign -83.127+/-0.162 χ^2/NDF: 13743.7/26

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.452+/-0.004 χ^2/NDF:1974.9/8

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

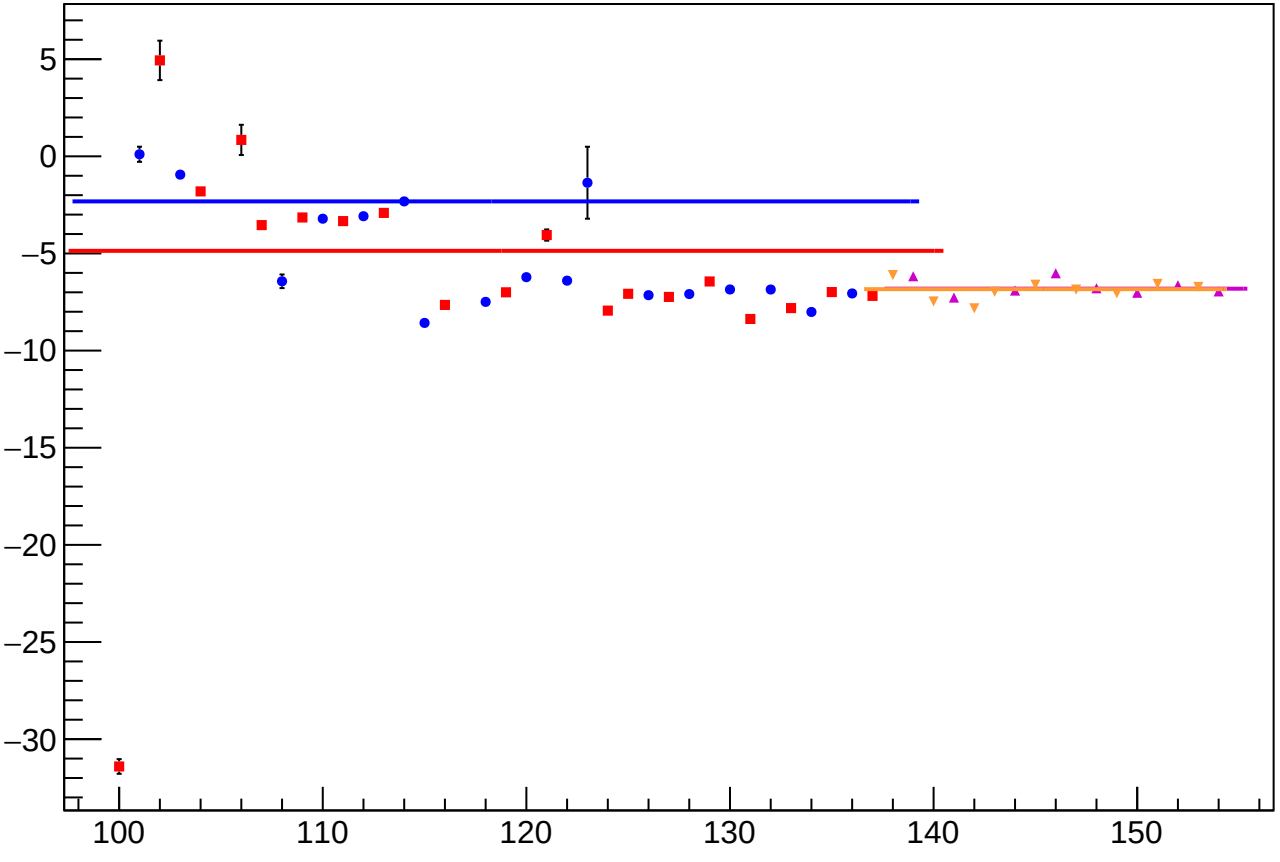
Left In: 0.489+/-0.003 χ^2/NDF:2829.5/7

+ sign 0.521+/-0.000 χ^2/NDF: 5623.5/25

All: 0.521+/-0.000 χ^2/NDF: 11443.2/52

- sign 0.484+/-0.003 χ^2/NDF: 5615.6/26

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.838+/-0.005 χ^2/NDF:2268.2/8

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

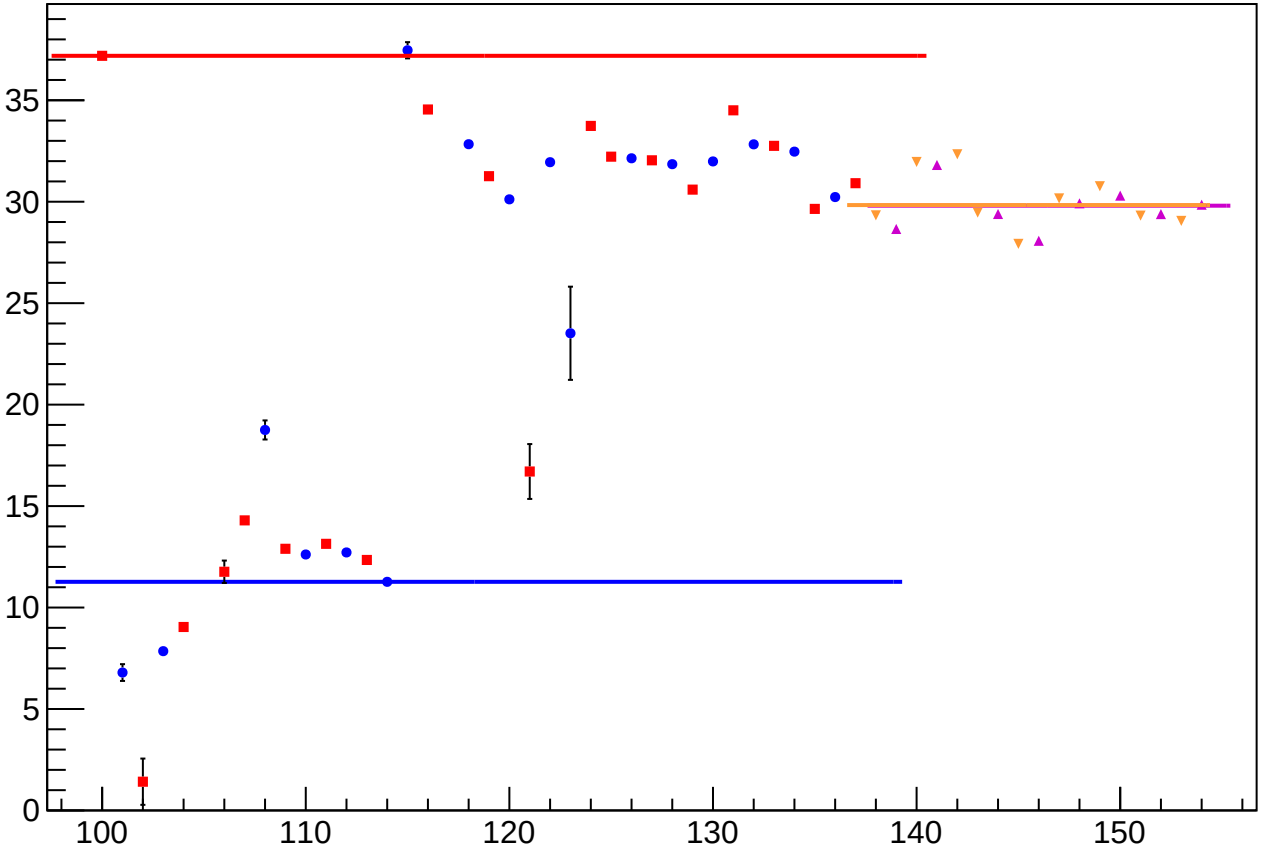
Left In: -6.813+/-0.005 χ^2/NDF:4479.3/7

+ sign -2.320+/-0.000 χ^2/NDF: 1095235.9/25

All: -2.320+/-0.000 χ^2/NDF: 2099334.1/52

- sign -6.470+/-0.004 χ^2/NDF: 83331.6/26

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.835+/-0.017 χ^2/NDF:4785.1/8

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

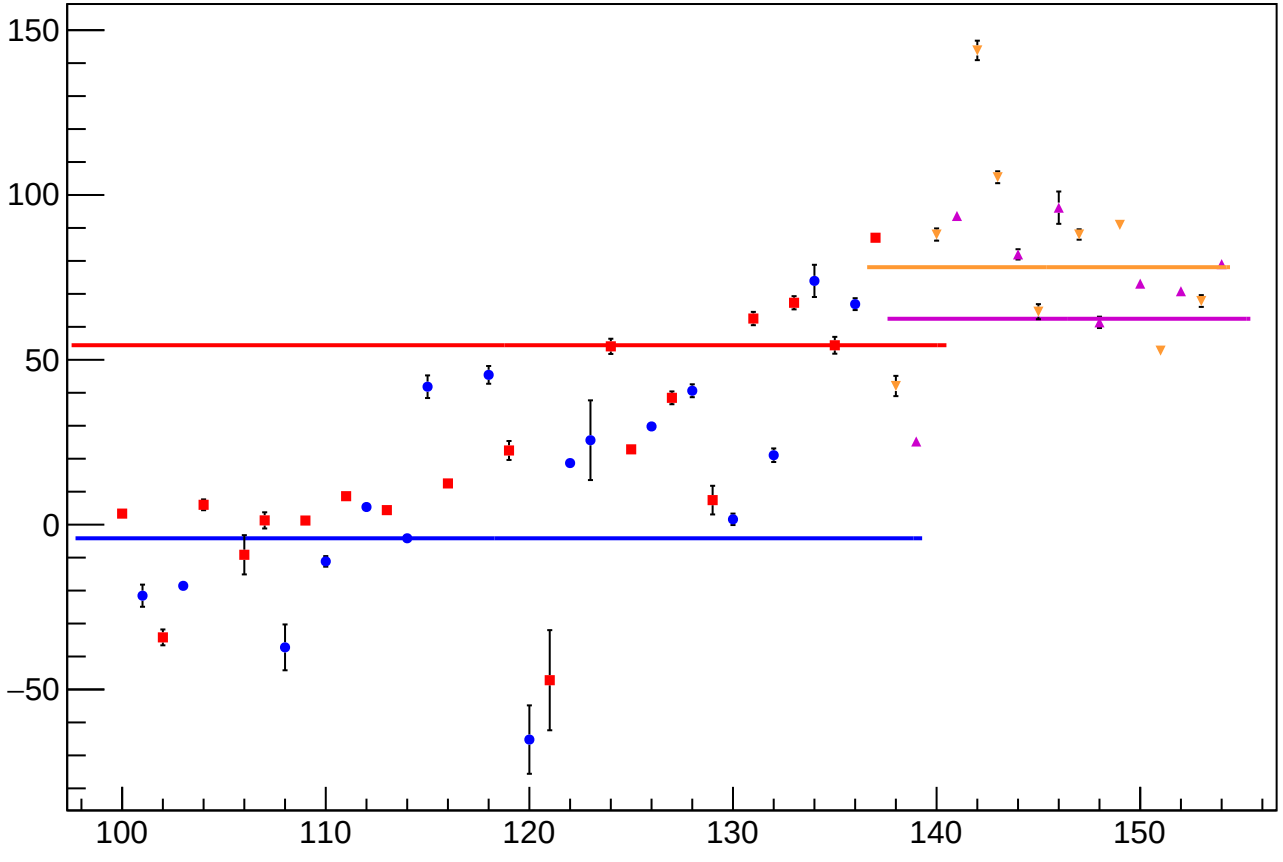
Left In: 29.804+/-0.013 χ^2/NDF:2629.6/7

+ sign 11.268+/-0.000 χ^2/NDF: 2223402.3/25

All: 12.122+/-0.000 χ^2/NDF: 772305569497

- sign 37.191+/-0.000 χ^2/NDF: 1452088.8/26

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 78.097+/-0.579 χ^2/NDF:1570.5/8

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

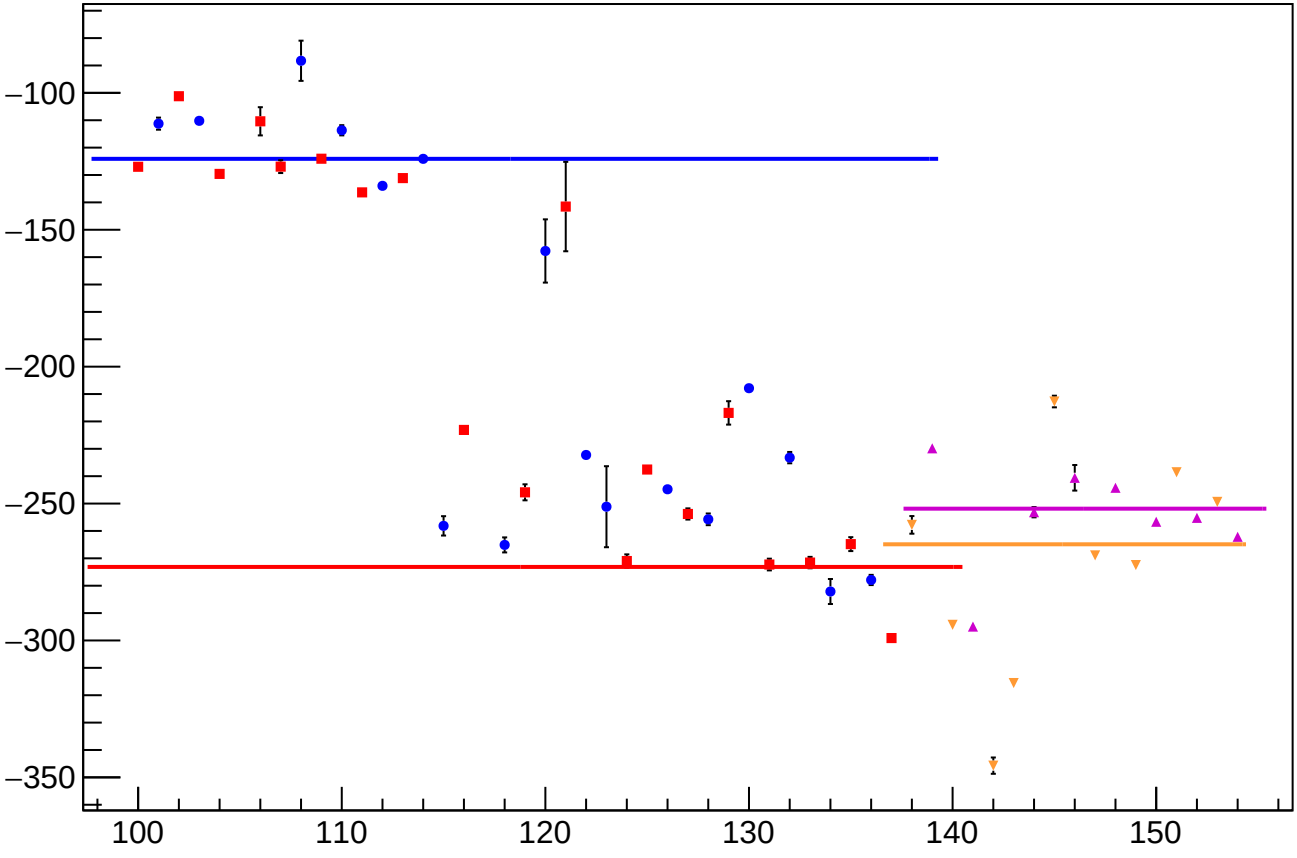
Left In: 62.452+/-0.384 χ^2/NDF:3930.9/7

+ sign -4.139+/-0.000 χ^2/NDF: 26382.3/25

All: -4.139+/-0.000 χ^2/NDF: 232809.9/52

- sign 55.746+/-0.156 χ^2/NDF: 58295.1/26

dit_sam4_4eX_slope vs Slug



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -264.875+/-0.570 χ^2/NDF:3067.1/8

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

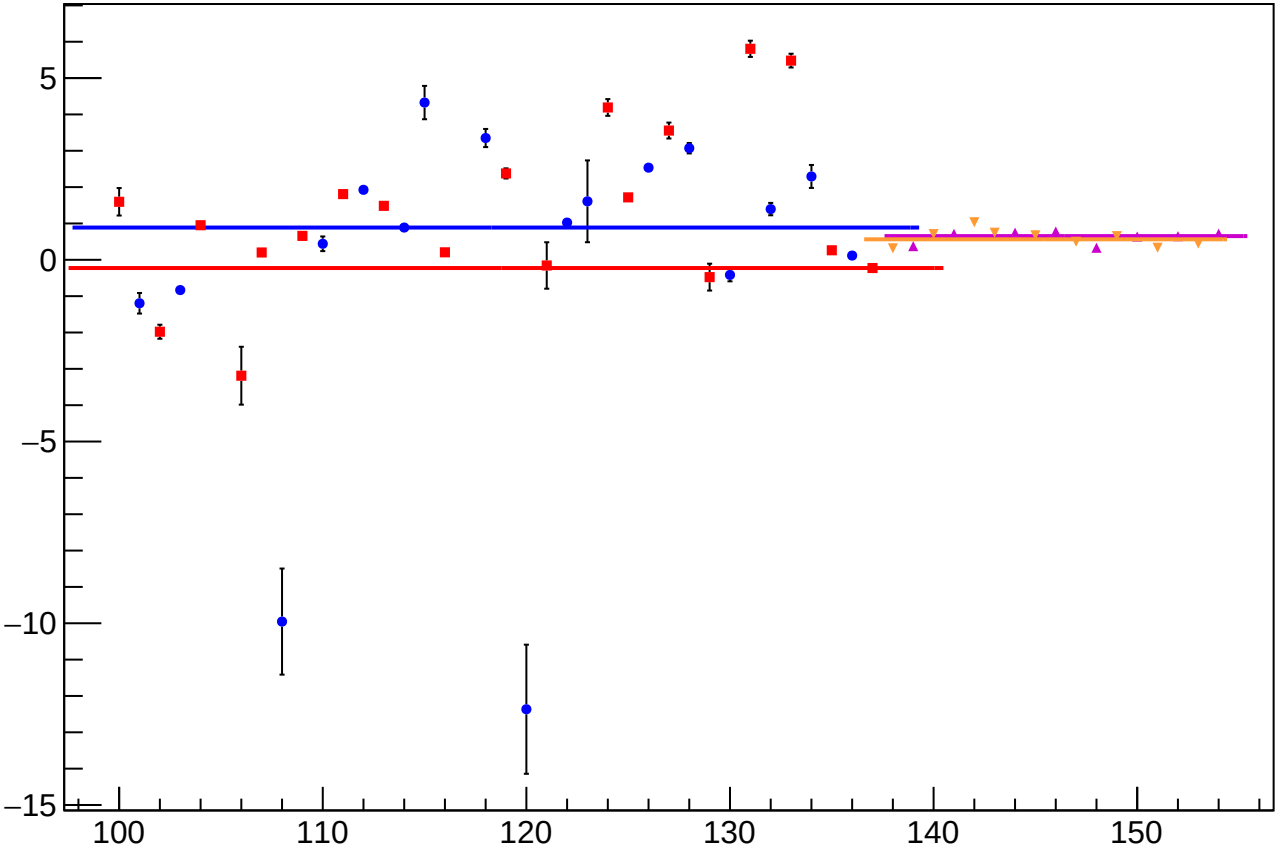
Left In: -251.866+/-0.373 χ^2/NDF:2442.0/7

+ sign -124.095+/-0.000 χ^2/NDF: 102320.8/25

All: -124.095+/-0.000 χ^2/NDF: 2250623.3/52

- sign -271.364+/-0.108 χ^2/NDF: 285563.2/26

dit_sam4_11X12X_slope vs Slug



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.564+/-0.004 χ^2/NDF:1685.6/8

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

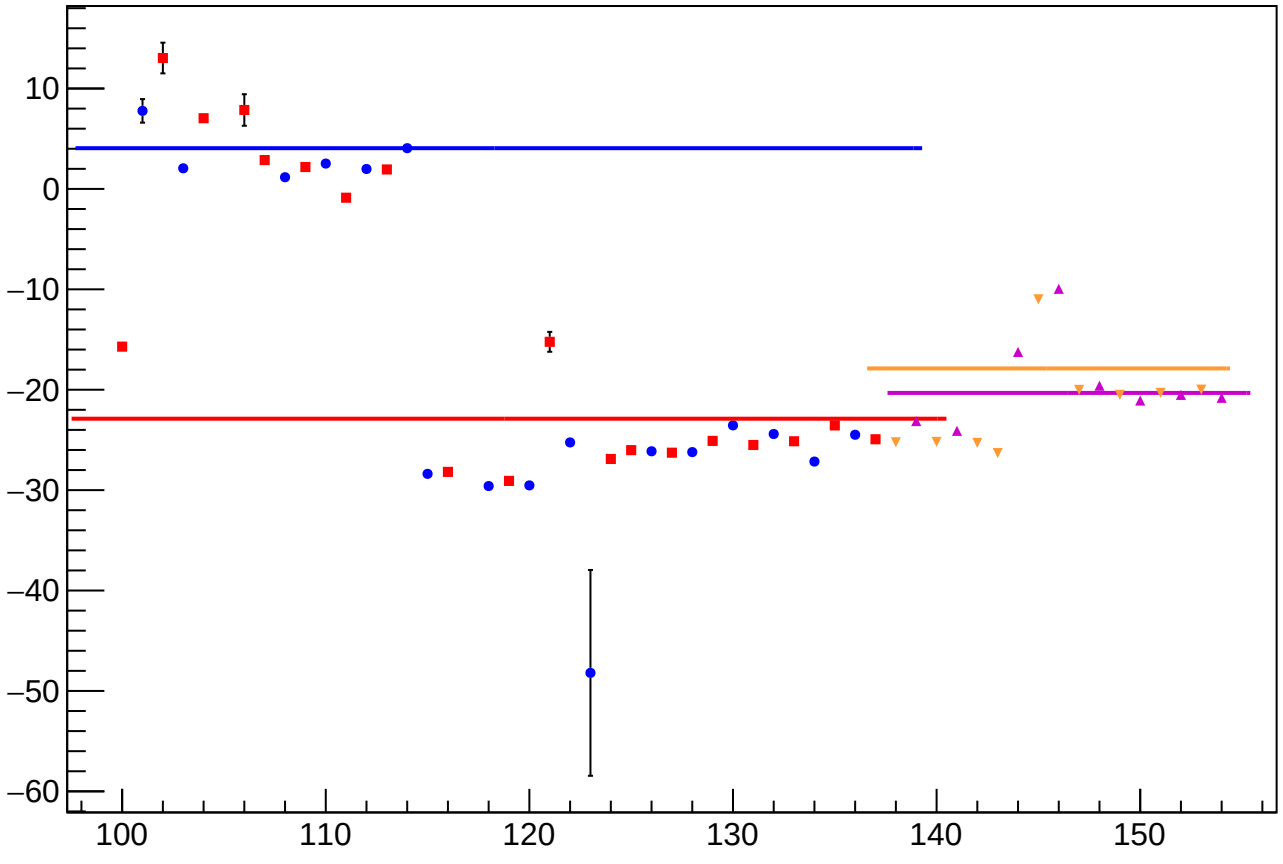
Left In: 0.652+/-0.003 χ^2/NDF:1104.2/7

+ sign 0.888+/-0.000 χ^2/NDF: 15686.6/25

All: 0.888+/-0.000 χ^2/NDF: 422233464.9/52

- sign -0.226+/-0.000 χ^2/NDF: 73210.5/26

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -17.880+/-0.021 χ^2/NDF:72875.2/8

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

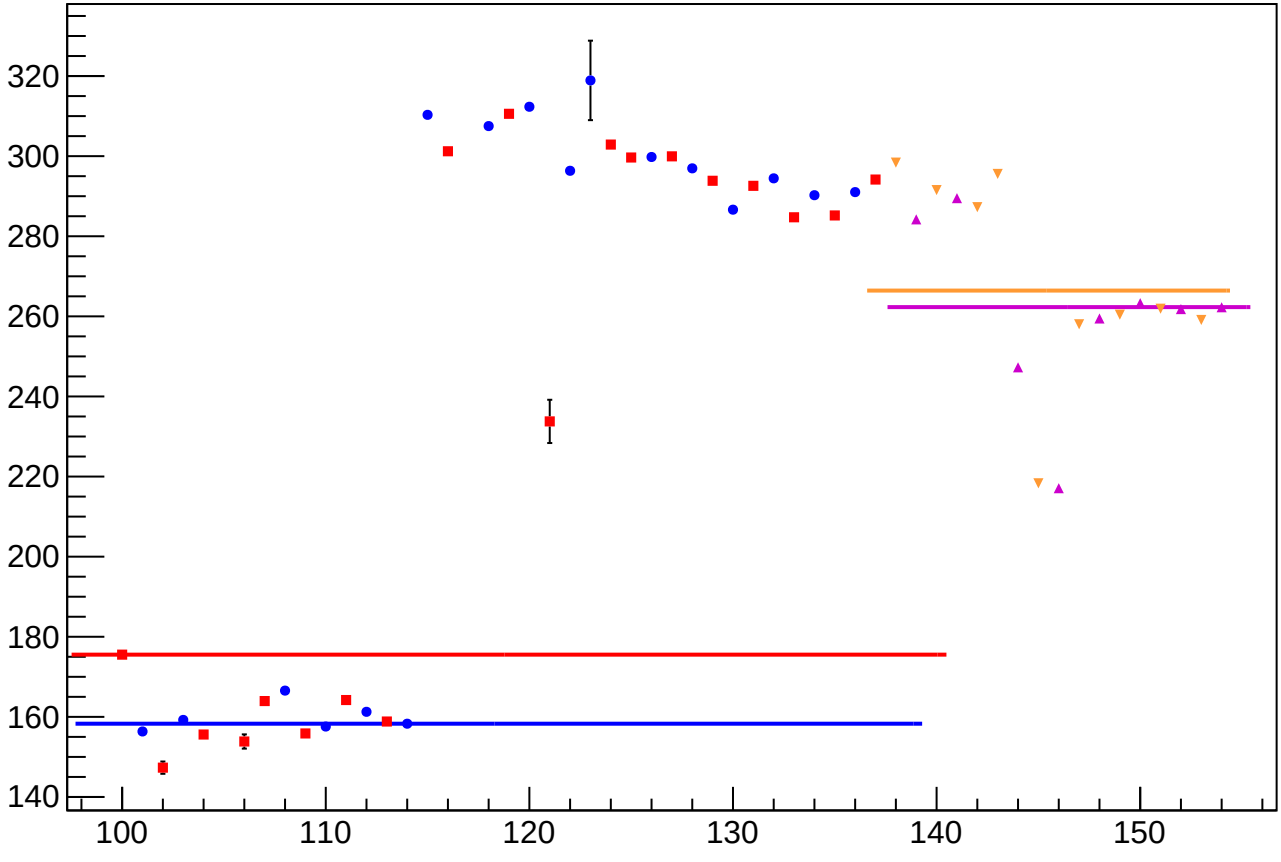
Left In: -20.317+/-0.019 χ^2/NDF:18174.2/7

+ sign 4.057+/-0.000 χ^2/NDF: 2450064.7/25

All: 4.057+/-0.000 χ^2/NDF: 5230783.9/52

- sign -21.214+/-0.016 χ^2/NDF: 140876.5/26

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 266.438+/-0.051 χ^2/NDF:179902.5/8

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

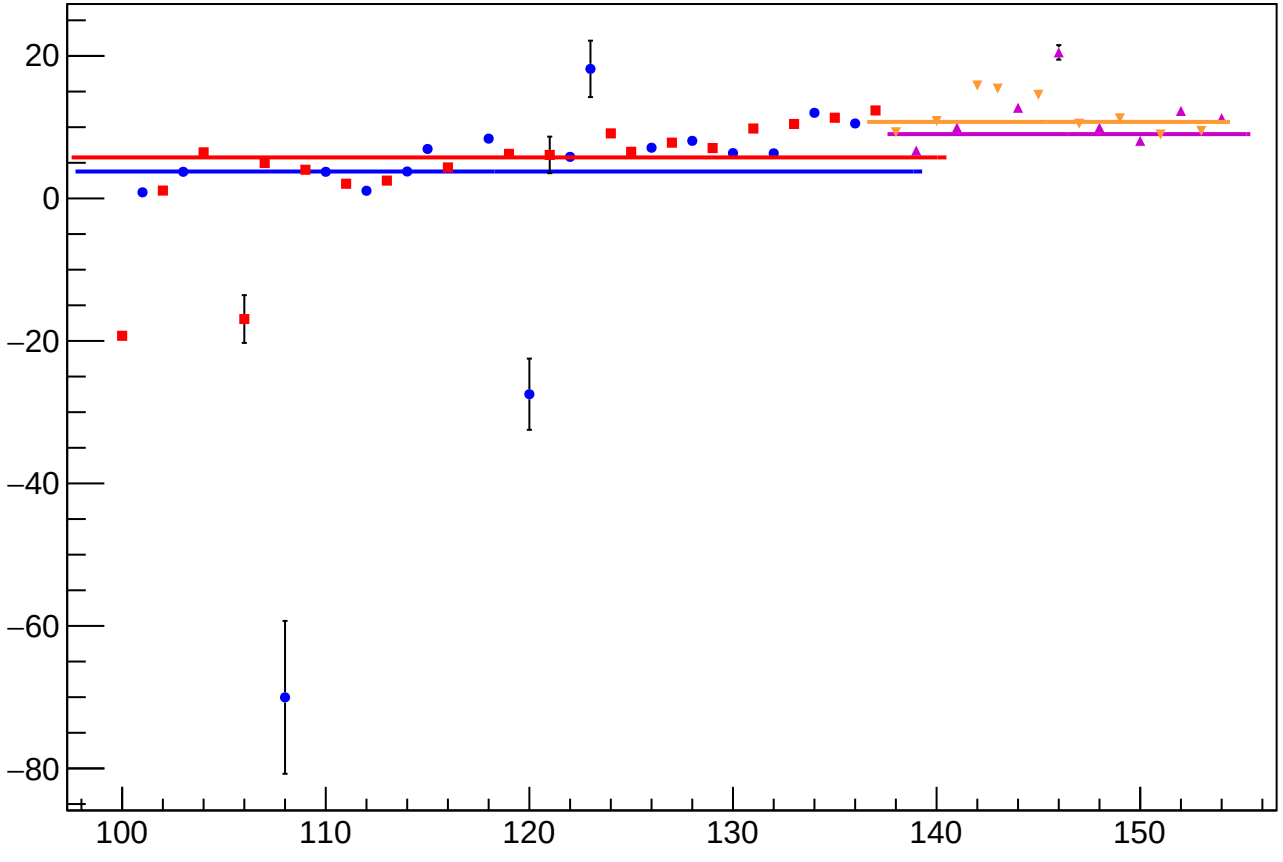
Left In: 262.309+/-0.041 χ^2/NDF:36875.6/7

+ sign 158.293+/-0.000 χ^2/NDF: 7137374.0/25

All: 172.618+/-0.000 χ^2/NDF: 37372749122

- sign 175.536+/-0.000 χ^2/NDF: 6543545.4/26

dit_sam5_4aX_slope vs Slug



Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 10.743+/-0.042 χ^2/NDF:1356.1/8

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

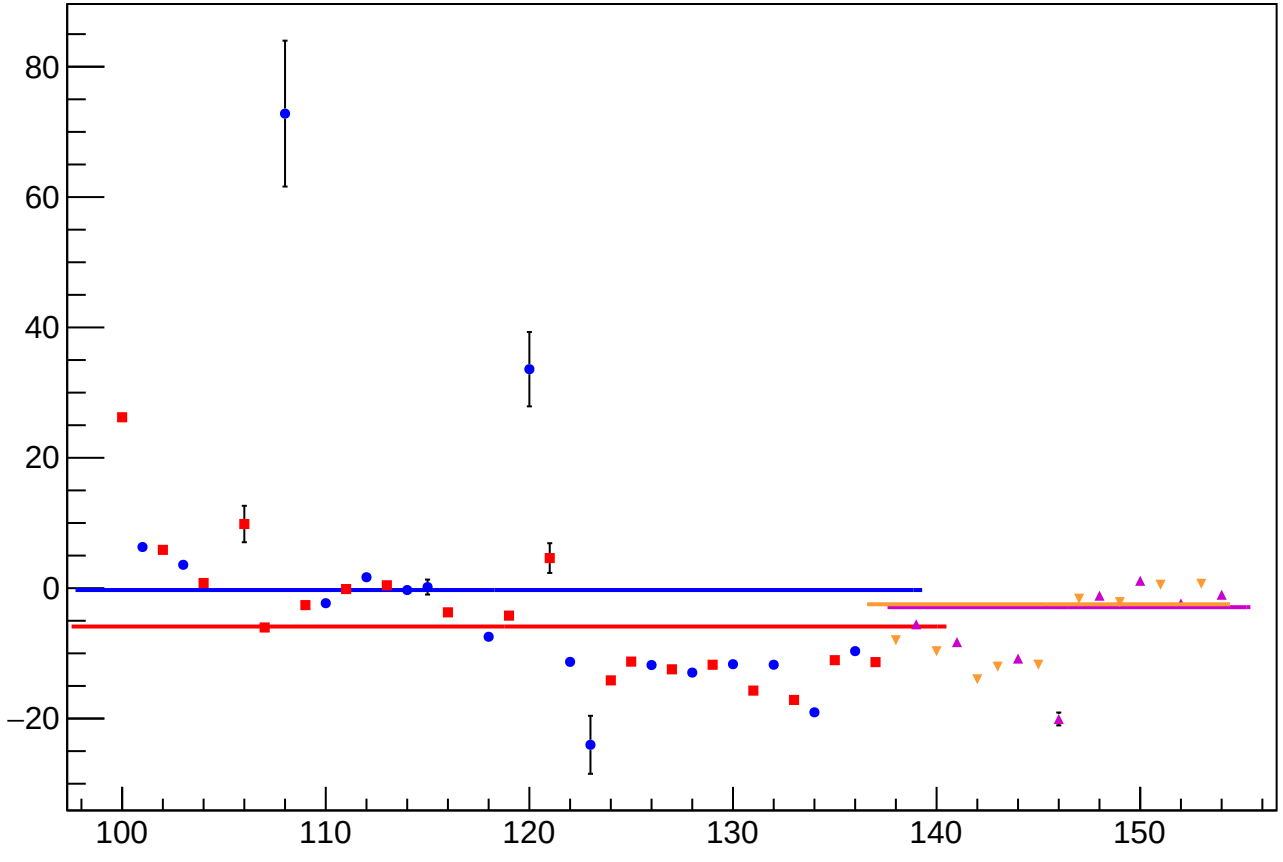
Left In: 9.027+/-0.041 χ^2/NDF:2181.7/7

+ sign 3.778+/-0.000 χ^2/NDF: 36348.8/25

All: 3.778+/-0.000 χ^2/NDF: 82838.8/52

- sign 6.671+/-0.022 χ^2/NDF: 28985.2/26

dit_sam5_4eX_slope vs Slug



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -2.472+/-0.041 χ^2/NDF:7822.6/8

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

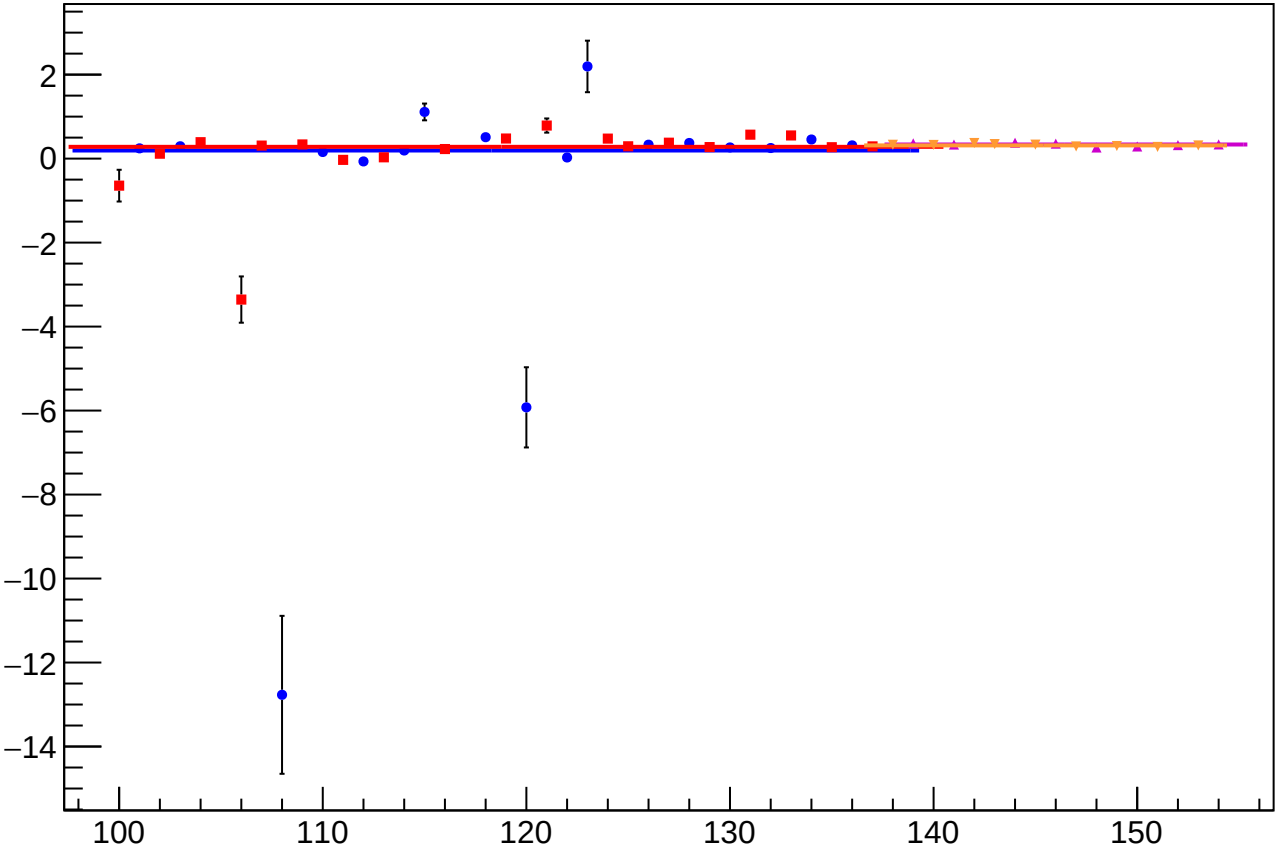
Left In: -2.916+/-0.042 χ^2/NDF:9486.4/7

+ sign -0.287+/-0.000 χ^2/NDF: 54934.0/25

All: -0.287+/-0.000 χ^2/NDF: 174130.6/52

- sign -5.004+/-0.023 χ^2/NDF: 76499.1/26

dit_sam5_11X12X_slope vs Slug



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.315+/-0.001 χ^2/NDF:792.7/8

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

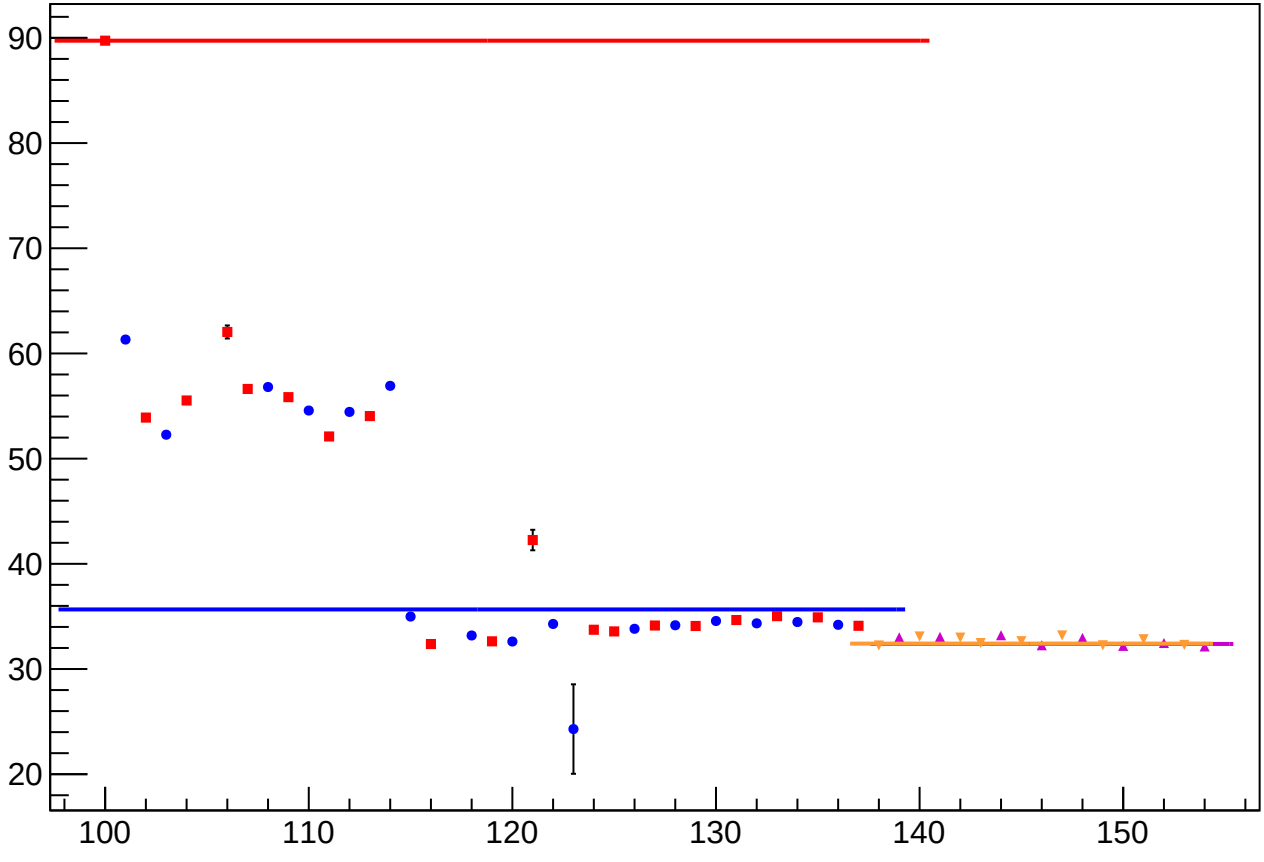
Left In: 0.336+/-0.001 χ^2/NDF:2123.9/7

+ sign 0.193+/-0.000 χ^2/NDF: 34445.8/25

All: 0.193+/-0.000 χ^2/NDF: 77137.9/52

- sign 0.323+/-0.001 χ^2/NDF: 9272.2/26

dit_sam5_4aY_slope vs Slug



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.416+/-0.006 χ^2/NDF:1938.0/8

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

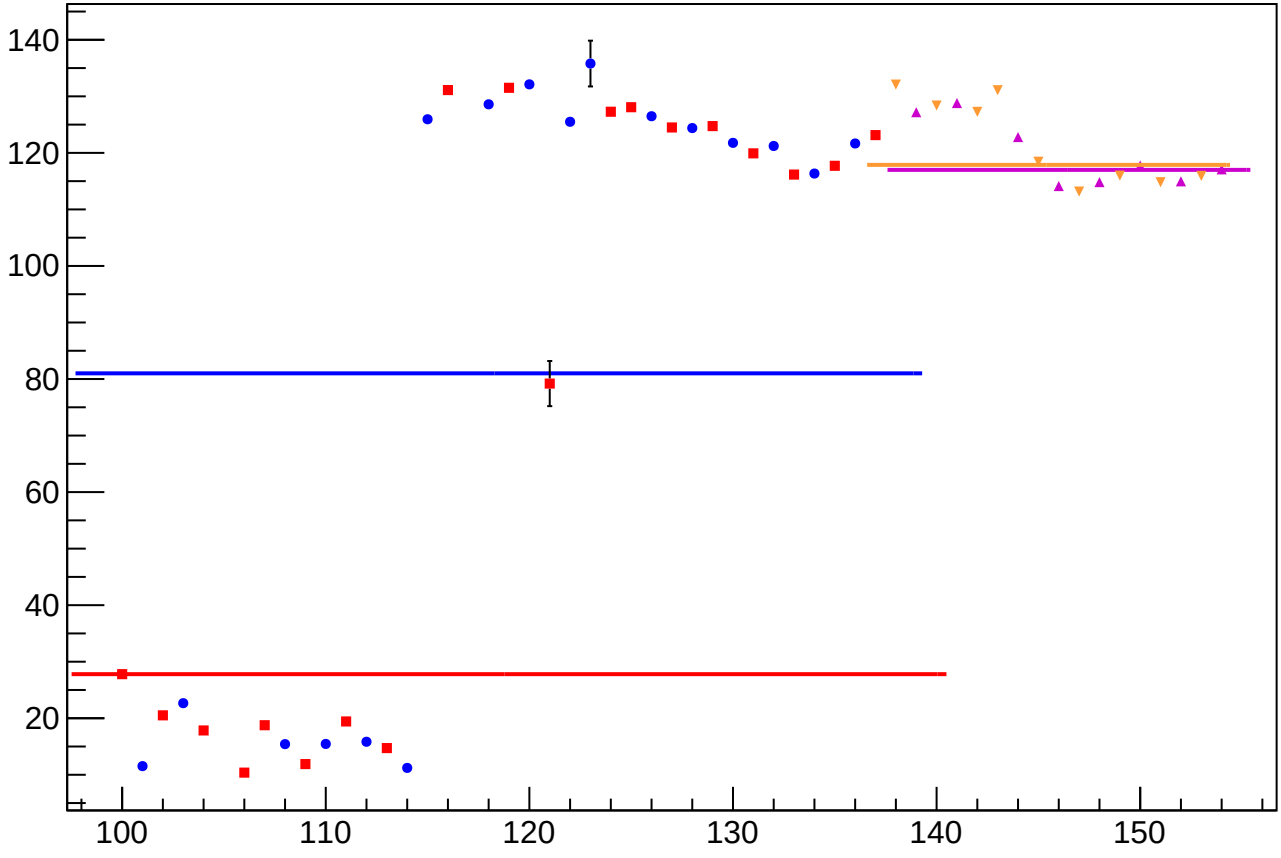
Left In: 32.381+/-0.006 χ^2/NDF:3370.3/7

+ sign 33.145+/-0.005 χ^2/NDF: 283938.9/25

All: 89.735+/-0.000 χ^2/NDF: 239720350.7/52

- sign 89.735+/-0.000 χ^2/NDF: 128955468.9/26

dit_sam5_4eY_slope vs Slug



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.878+/-0.014 χ^2/NDF:127428.7/8

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

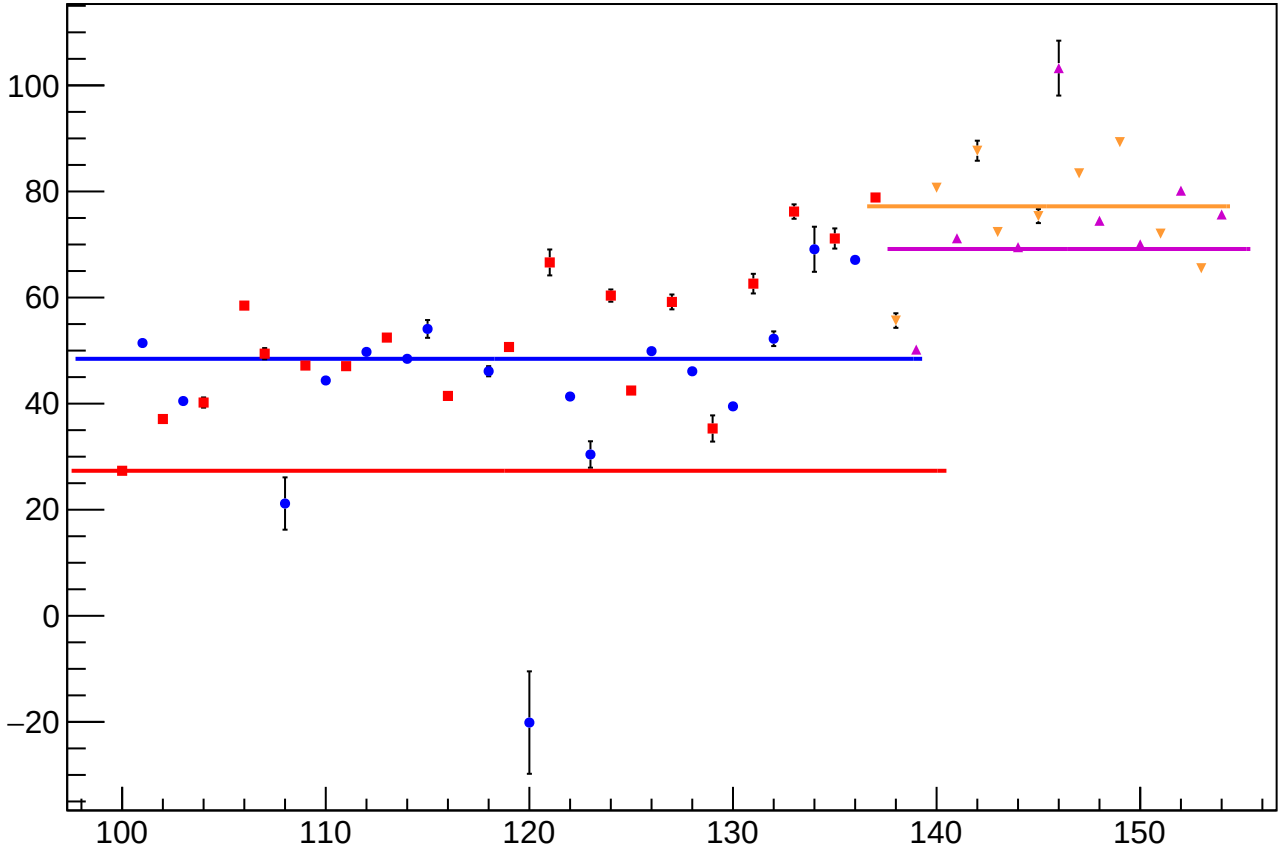
Left In: 116.993+/-0.012 χ^2/NDF:37691.2/7

+ sign 112.376+/-0.013 χ^2/NDF: 3326371.8/25

All: 27.798+/-0.000 χ^2/NDF: 109886312.5/52

- sign 27.798+/-0.000 χ^2/NDF: 66357607.1/26

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 77.198+/-0.271 χ^2/NDF:999.4/8

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

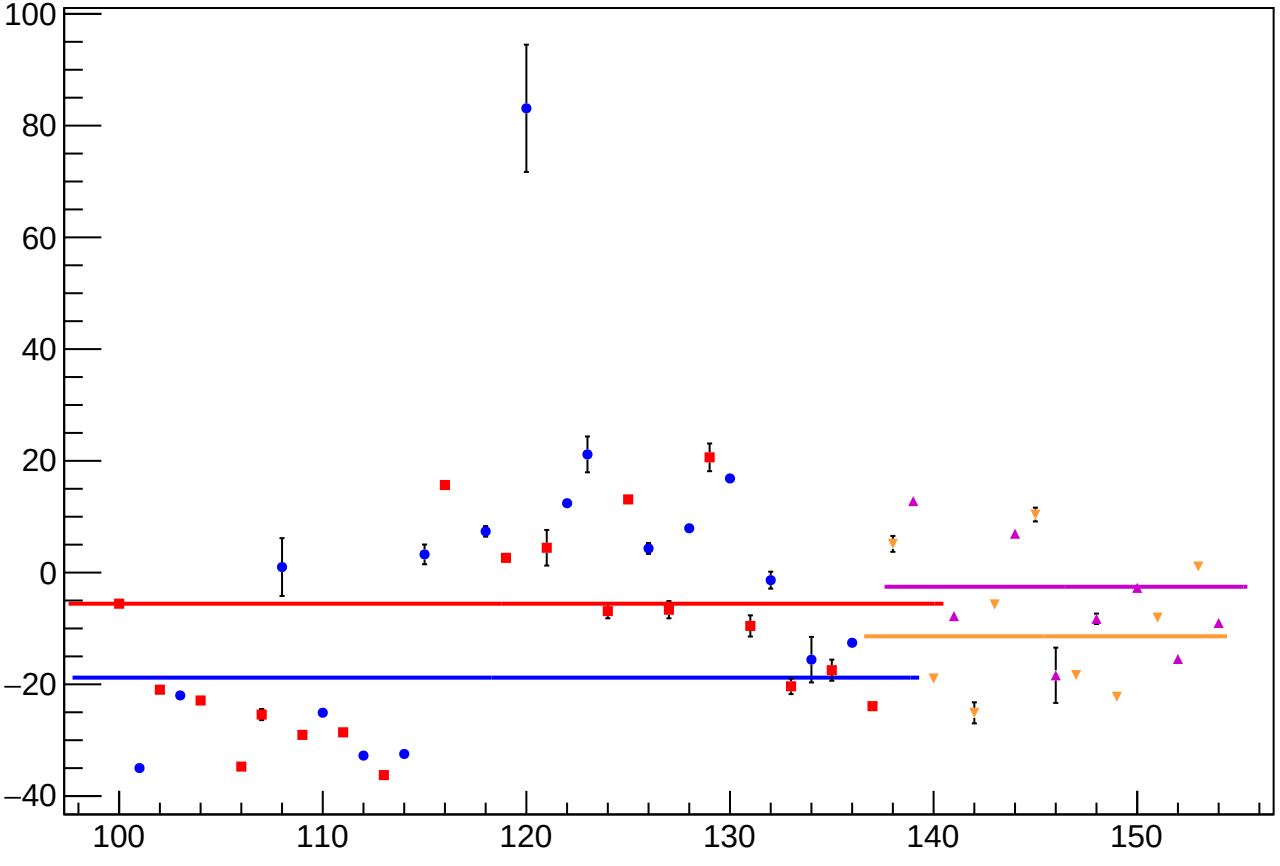
Left In: 69.153+/-0.208 χ^2/NDF:1985.6/7

+ sign 48.450+/-0.000 χ^2/NDF: 14990.6/25

All: 28.365+/-0.000 χ^2/NDF: 102629010488

- sign 27.342+/-0.000 χ^2/NDF: 68028.8/26

dit_sam6_4eX_slope vs Slug



Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: -11.406+/-0.267 χ^2/NDF:1278.5/8

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

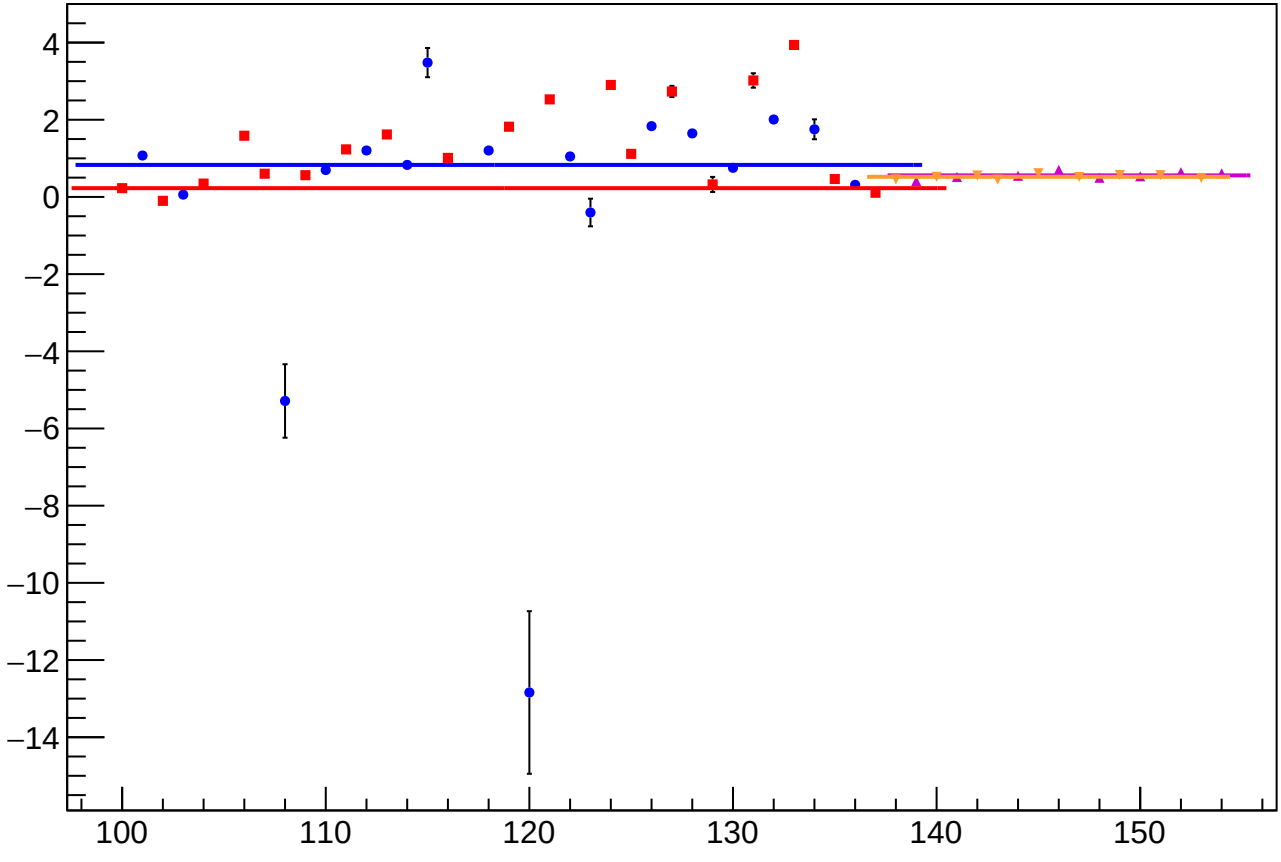
Left In: -2.538+/-0.205 χ^2/NDF:1917.0/7

+ sign -17.057+/-0.130 χ^2/NDF: 13627.9/25

All: -5.568+/-0.000 χ^2/NDF: 46699.6/52

- sign -5.568+/-0.000 χ^2/NDF: 25233.0/26

dit_sam6_11X12X_slope vs Slug



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.522+/-0.002 χ^2/NDF:654.6/8

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

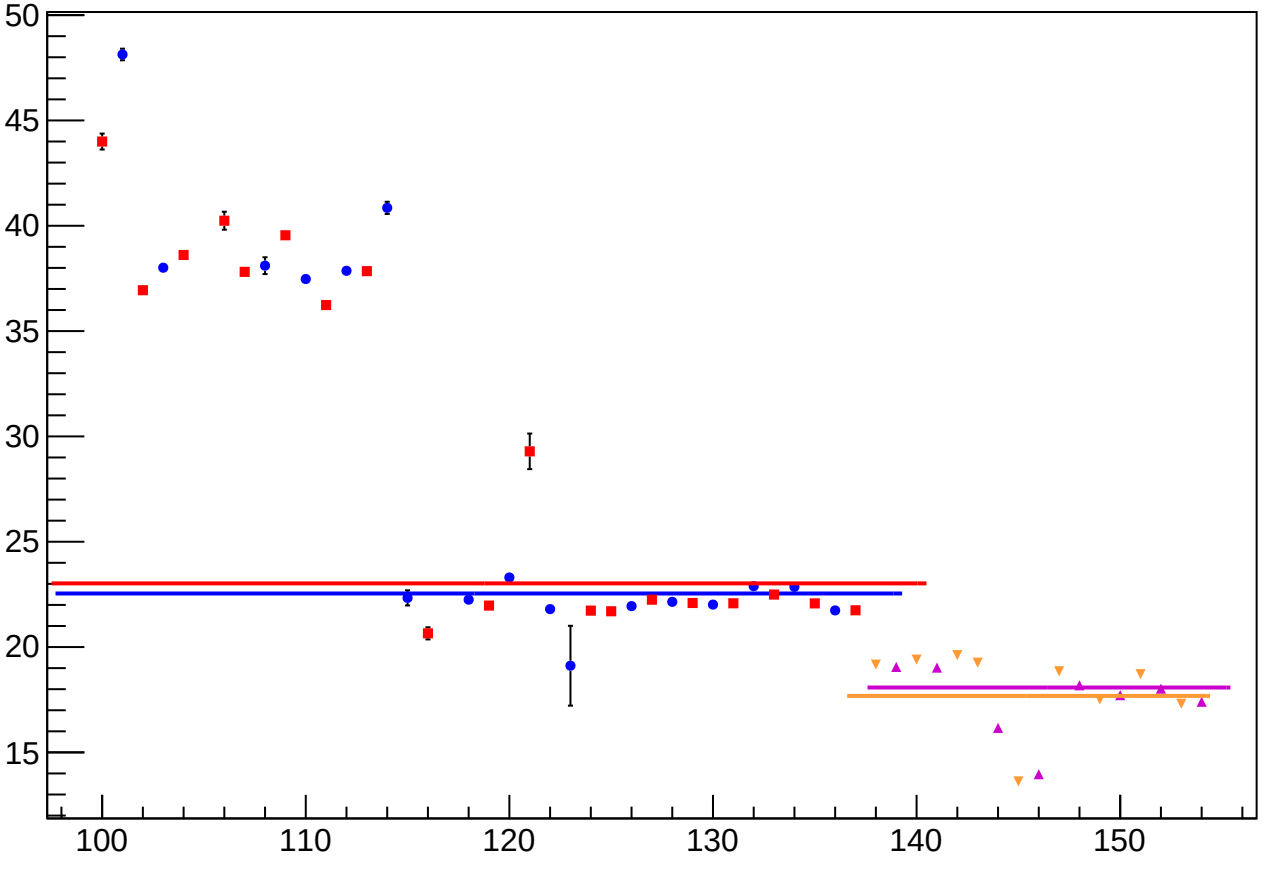
Left In: 0.559+/-0.002 χ^2/NDF:1858.4/7

+ sign 0.830+/-0.000 χ^2/NDF: 45666.1/25

All: 0.289+/-0.000 χ^2/NDF: 2906608256145

- sign 0.227+/-0.000 χ^2/NDF: 55654.3/26

dit_sam6_4aY_slope vs Slug



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 17.682+/-0.008 χ^2/NDF:69114.2/8

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

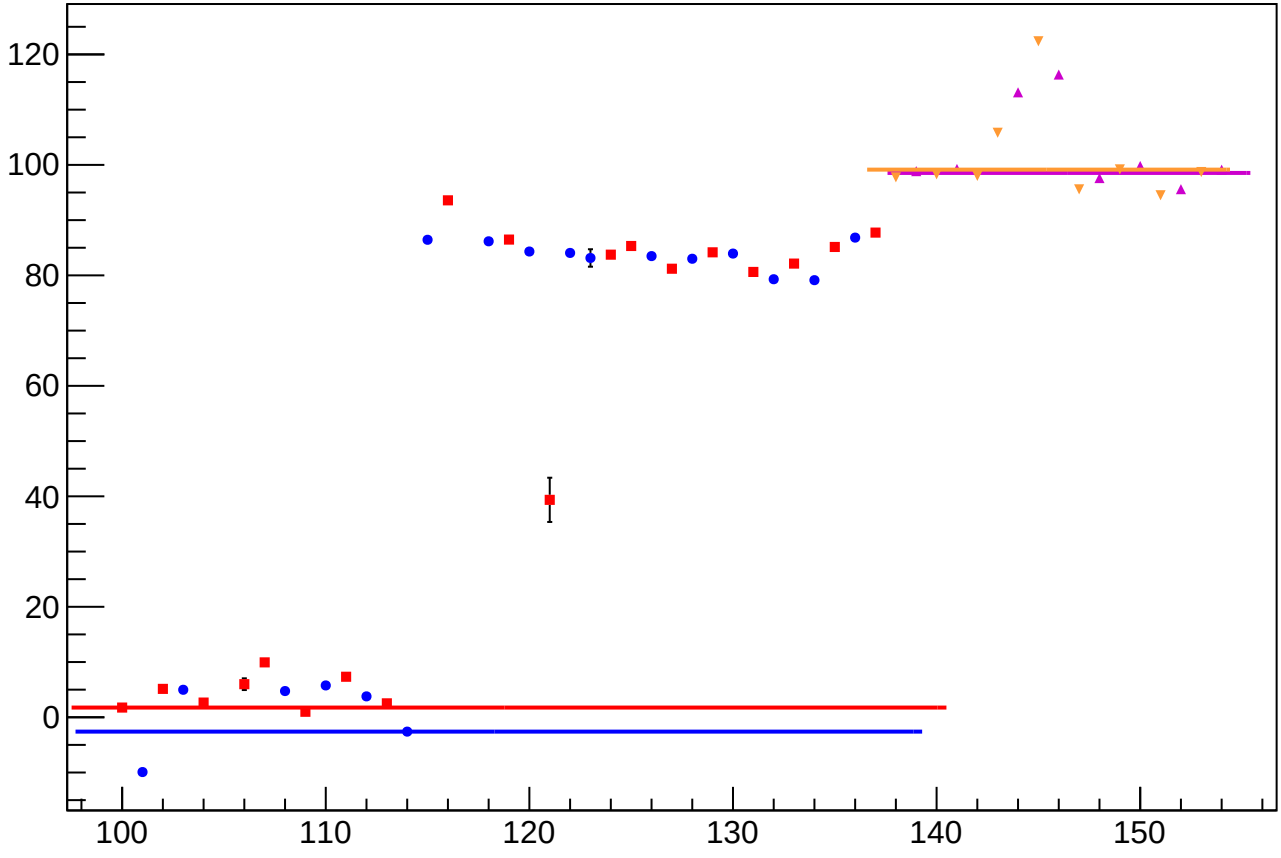
Left In: 18.080+/-0.010 χ^2/NDF:9809.8/7

+ sign 19.831+/-0.006 χ^2/NDF: 326634.7/25

All: 20.248+/-0.005 χ^2/NDF: 650791.7/52

- sign 20.725+/-0.007 χ^2/NDF: 314441.3/26

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 99.142+/-0.016 χ^2/NDF:67751.8/8

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

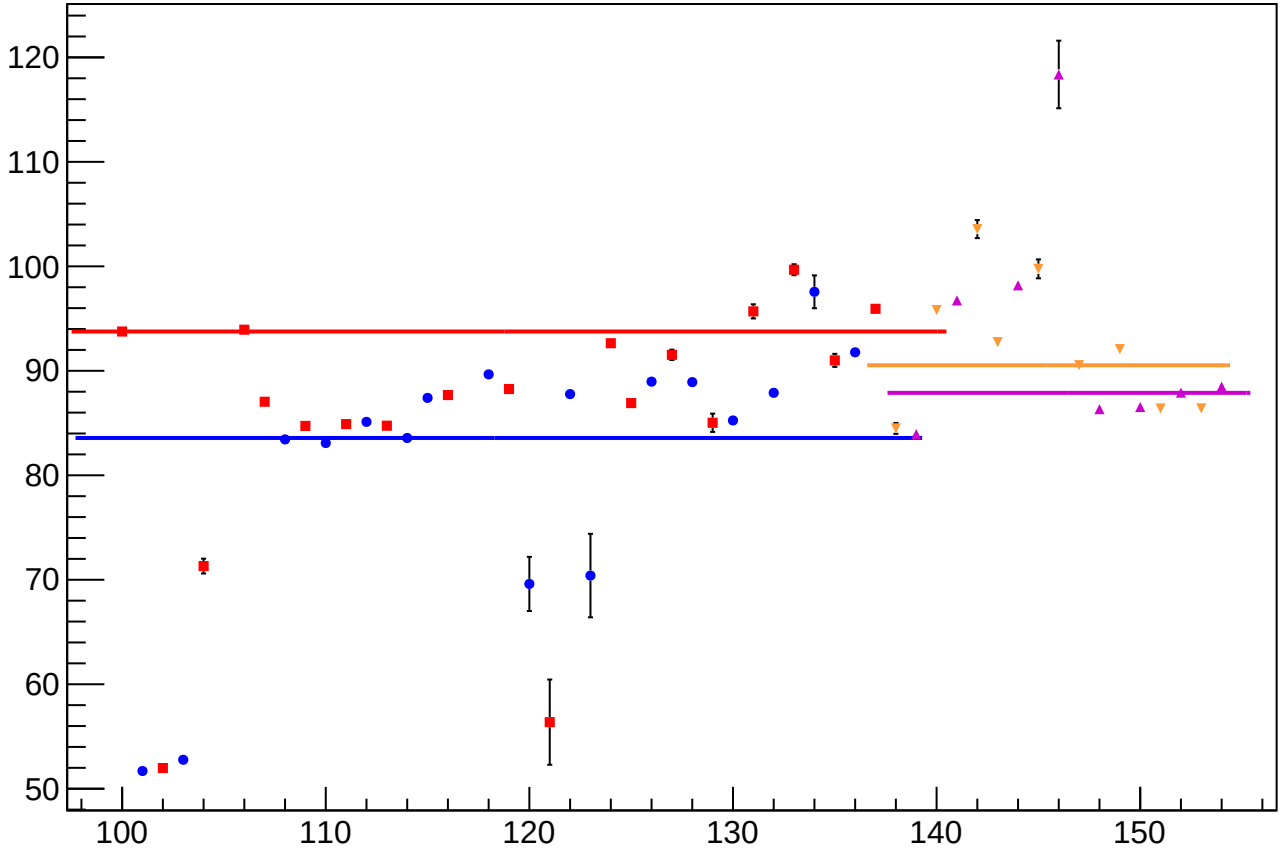
Left In: 98.544+/-0.015 χ^2/NDF:16113.9/7

+ sign -2.596+/-0.000 χ^2/NDF: 49277759.0/25

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

- sign 1.758+/-0.000 χ^2/NDF: 45984057.8/26

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 90.531+/-0.108 χ^2/NDF:1356.0/8

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

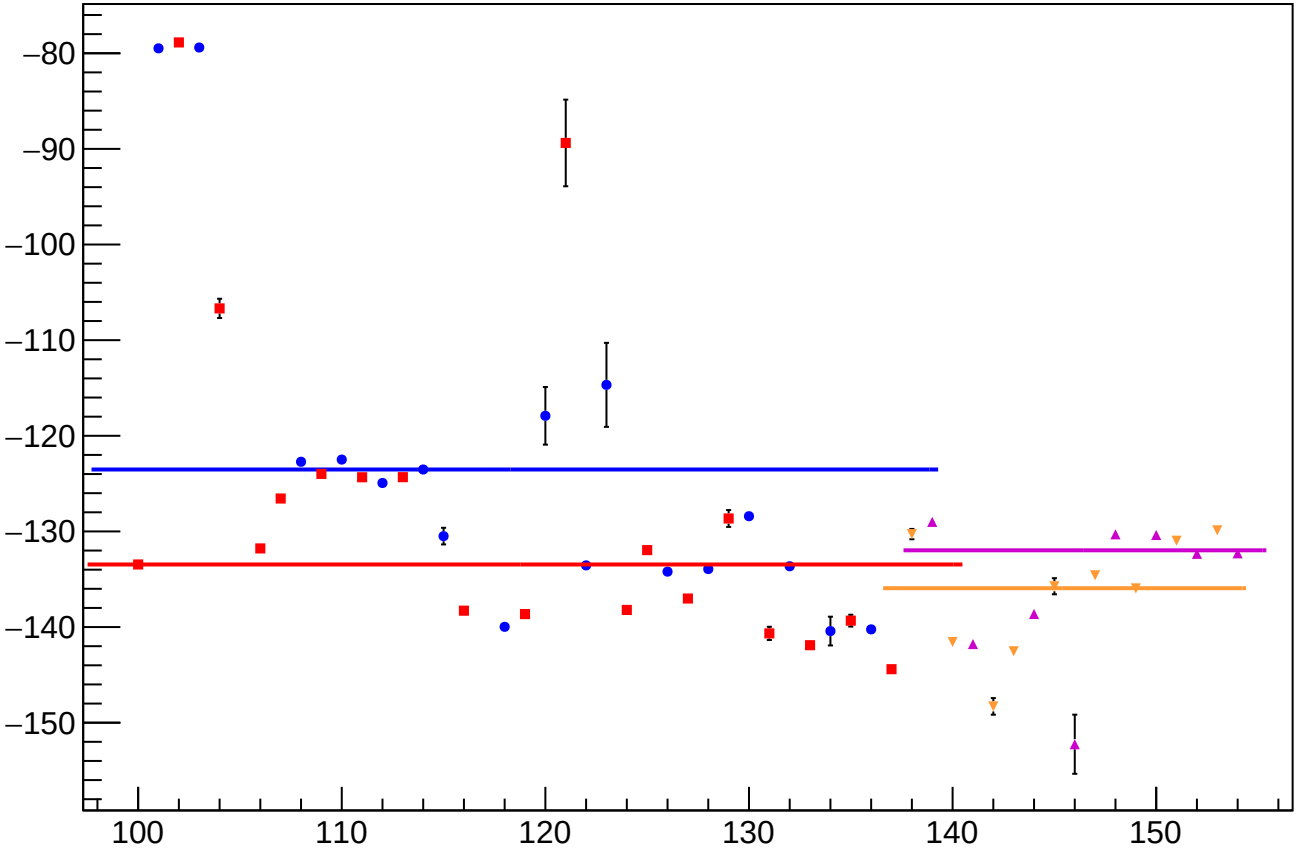
Left In: 87.892+/-0.080 χ^2/NDF:2264.9/7

+ sign 83.573+/-0.000 χ^2/NDF: 54993.3/25

All: 87.169+/-0.000 χ^2/NDF: 199568440414

- sign 93.762+/-0.000 χ^2/NDF: 90463.5/26

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -135.936+/-0.107 χ^2/NDF:2211.0/8

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

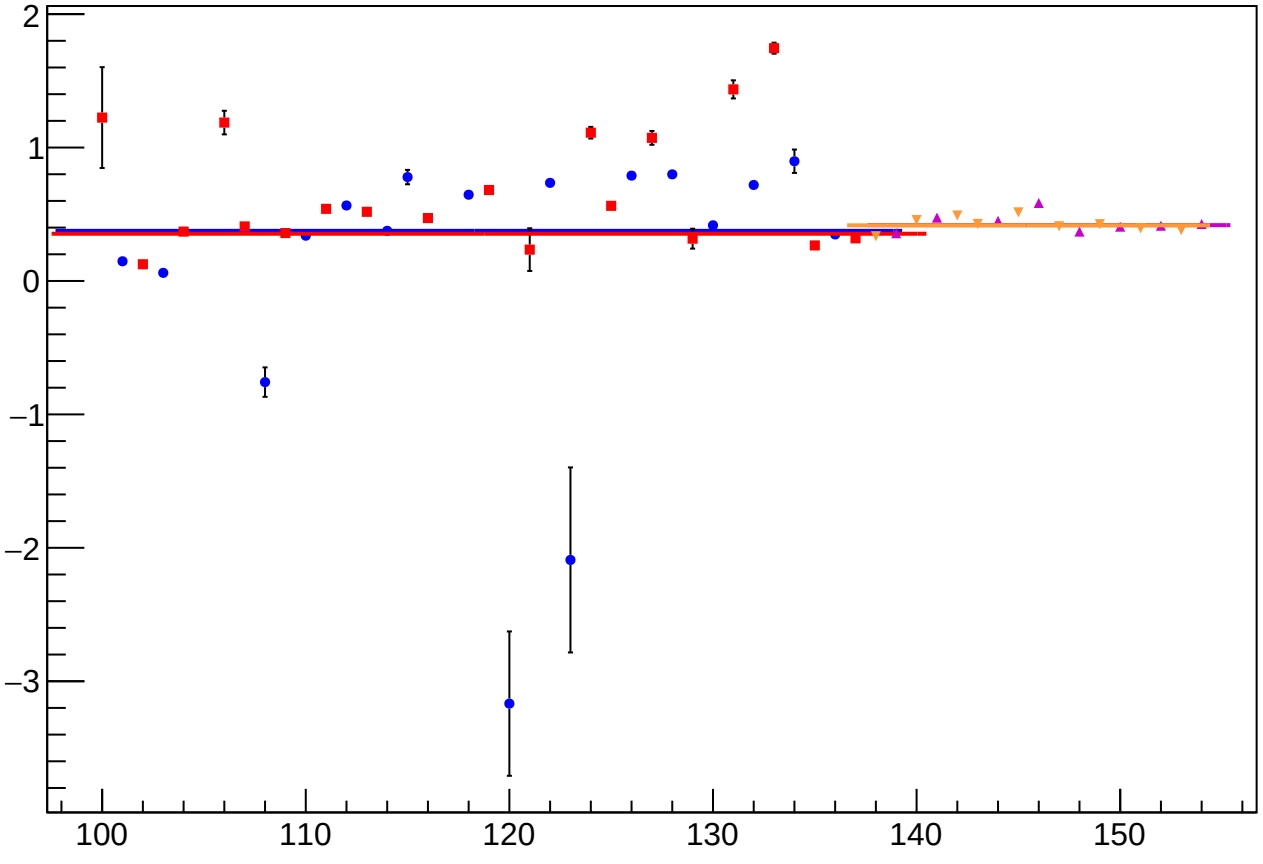
Left In: -131.974+/-0.078 χ^2/NDF:1902.2/7

+ sign -123.524+/-0.000 χ^2/NDF: 175923.0/25

All: -124.716+/-0.000 χ^2/NDF: 6446786990

- sign -133.456+/-0.000 χ^2/NDF: 397157.5/26

dit_sam7_11X12X_slope vs Slug



Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.417+/-0.001 χ^2/NDF:984.4/8

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

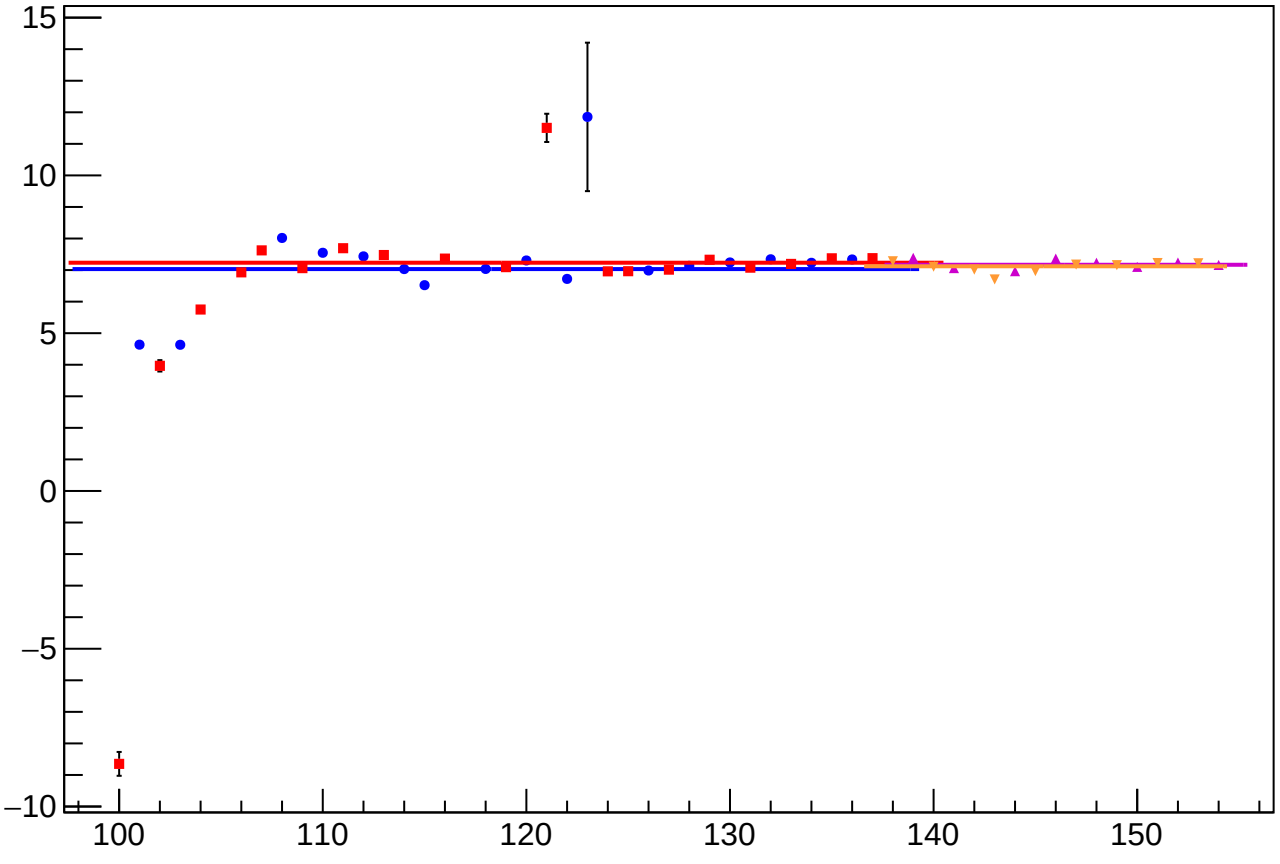
Left In: 0.418+/-0.001 χ^2/NDF:2953.6/7

+ sign 0.376+/-0.000 χ^2/NDF: 7539.4/25

All: 0.376+/-0.000 χ^2/NDF: 19961.3/52

- sign 0.409+/-0.001 χ^2/NDF: 9101.1/26

dit_sam7_4aY_slope vs Slug



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.120+/-0.001 χ^2/NDF:14118.1/8

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

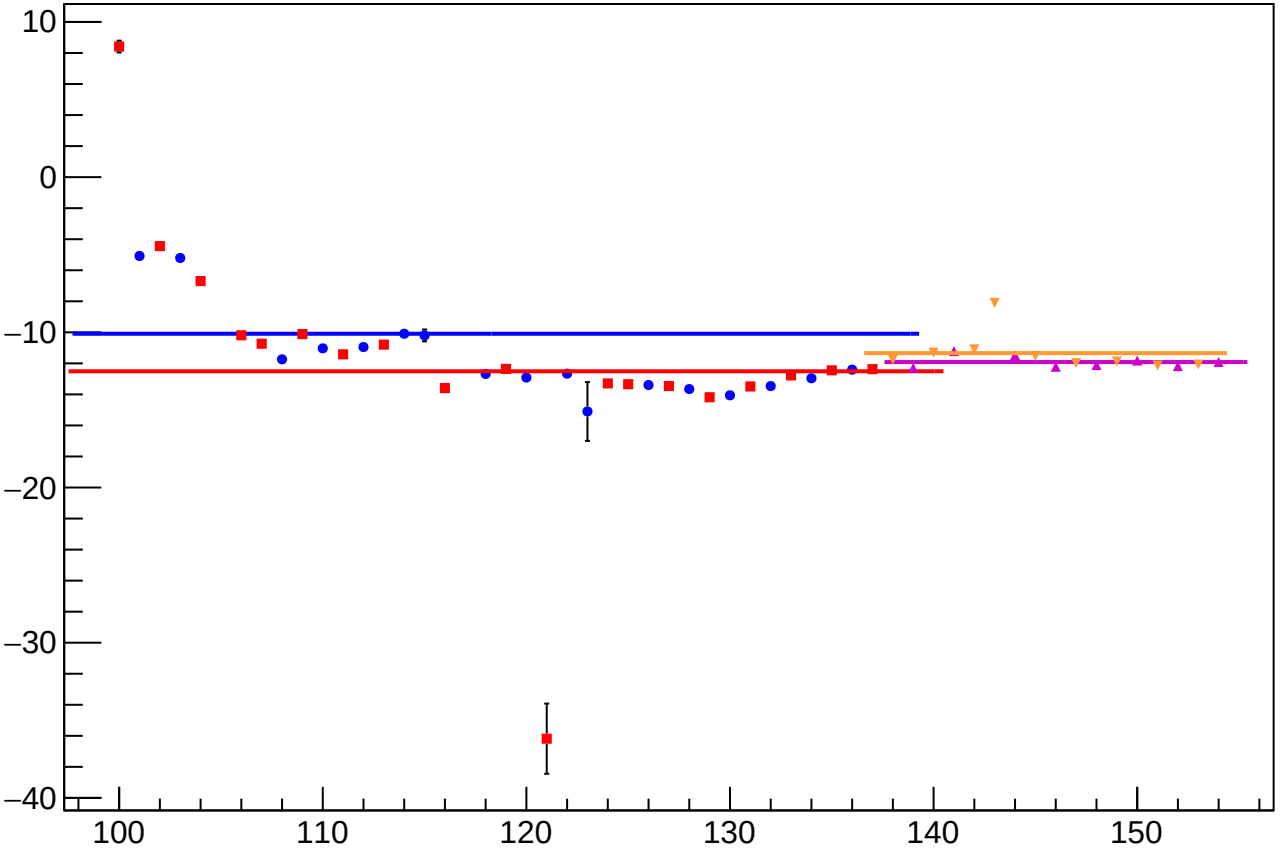
Left In: 7.168+/-0.001 χ^2/NDF:7316.4/7

+ sign 7.032+/-0.000 χ^2/NDF: 38169.0/25

All: 7.032+/-0.000 χ^2/NDF: 73715.3/52

- sign 7.183+/-0.001 χ^2/NDF: 17950.7/26

dit_sam7_4eY_slope vs Slug



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.340+/-0.002 χ^2/NDF:356229.8/8

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

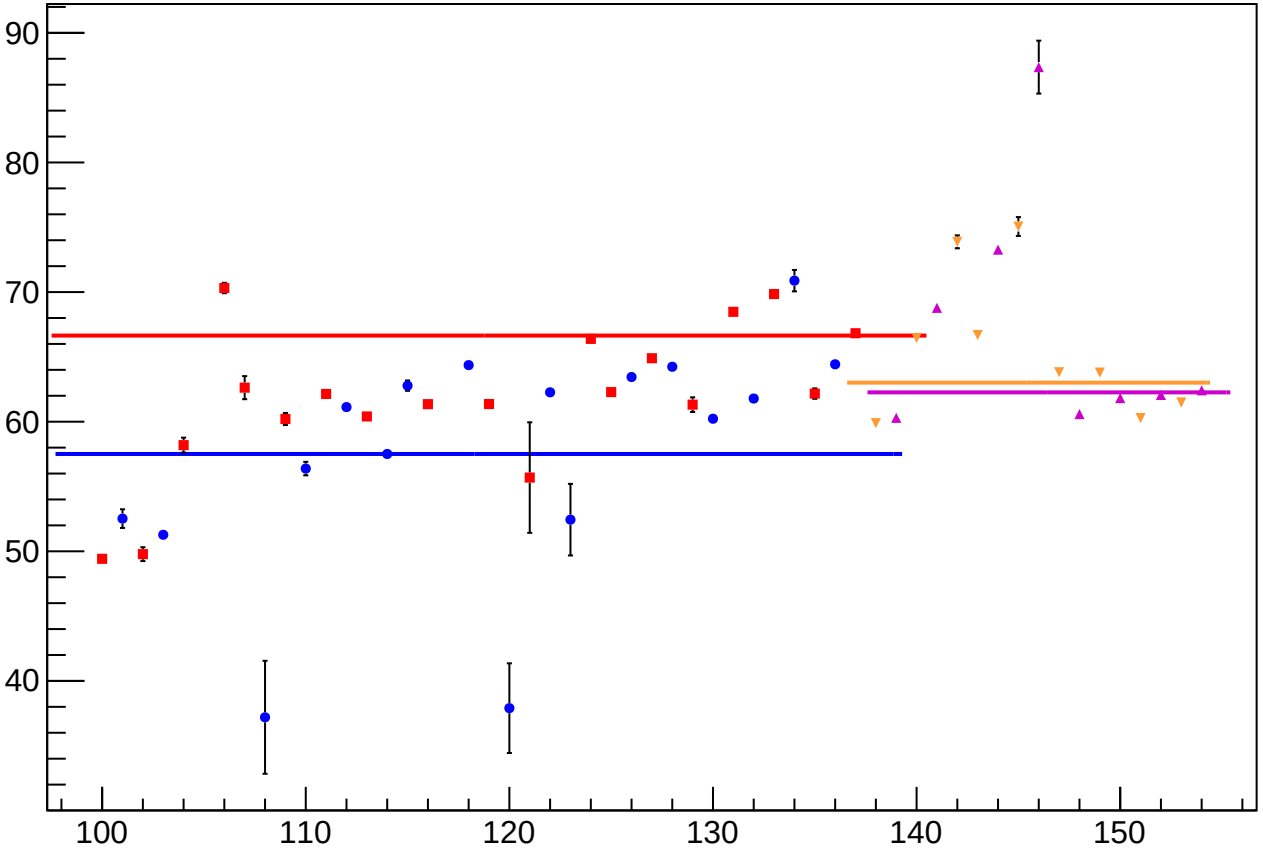
Left In: -11.915+/-0.003 χ^2/NDF:9564.8/7

+ sign -10.092+/-0.000 χ^2/NDF: 1162091.7/25

All: -10.092+/-0.000 χ^2/NDF: 2090706.9/52

- sign -12.135+/-0.002 χ^2/NDF: 128859.3/26

dit_sam8_4aX_slope vs Slug



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 63.015+/-0.063 χ^2/NDF:2293.3/8

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

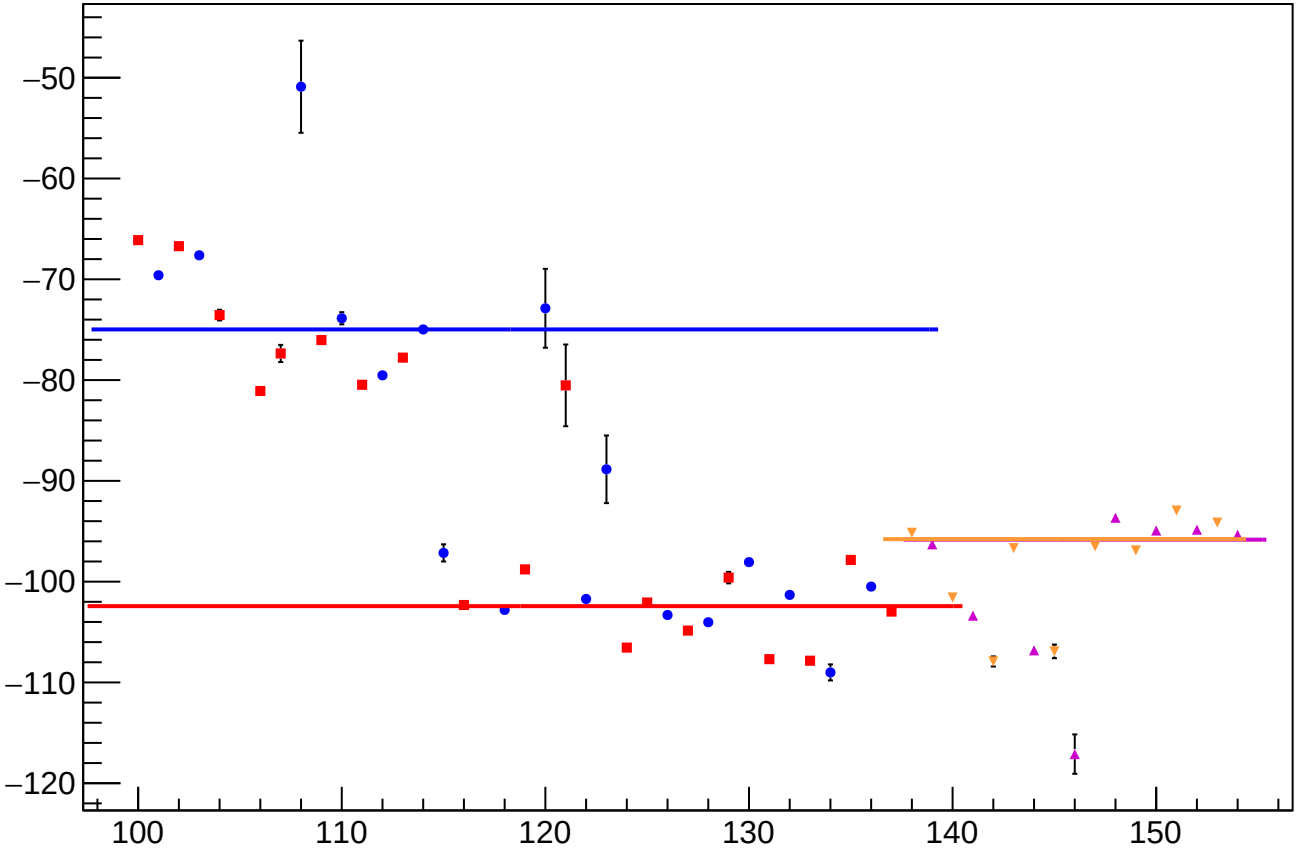
Left In: 62.262+/-0.049 χ^2/NDF:2553.8/7

+ sign 57.510+/-0.000 χ^2/NDF: 17958.1/25

All: 57.510+/-0.000 χ^2/NDF: 526137.6/52

- sign 66.357+/-0.013 χ^2/NDF: 18105.5/26

dit_sam8_4eX_slope vs Slug



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -95.782+/-0.064 χ^2/NDF:2298.5/8

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

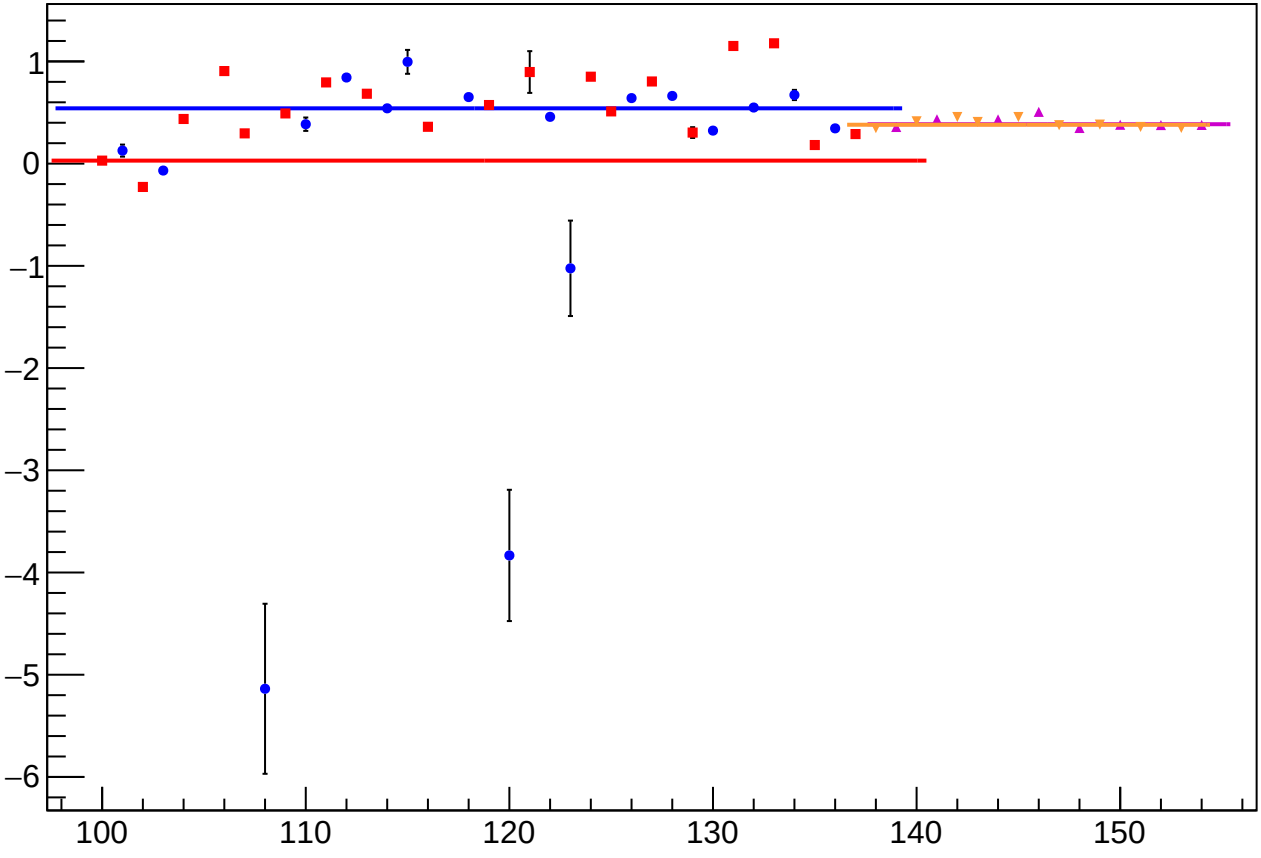
Left In: -95.834+/-0.050 χ^2/NDF:2908.3/7

+ sign -74.974+/-0.000 χ^2/NDF: 237715.5/25

All: -74.974+/-0.000 χ^2/NDF: 2840045.5/52

- sign -101.689+/-0.017 χ^2/NDF: 68684.1/26

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.380+/-0.001 χ^2/NDF:1312.3/8

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

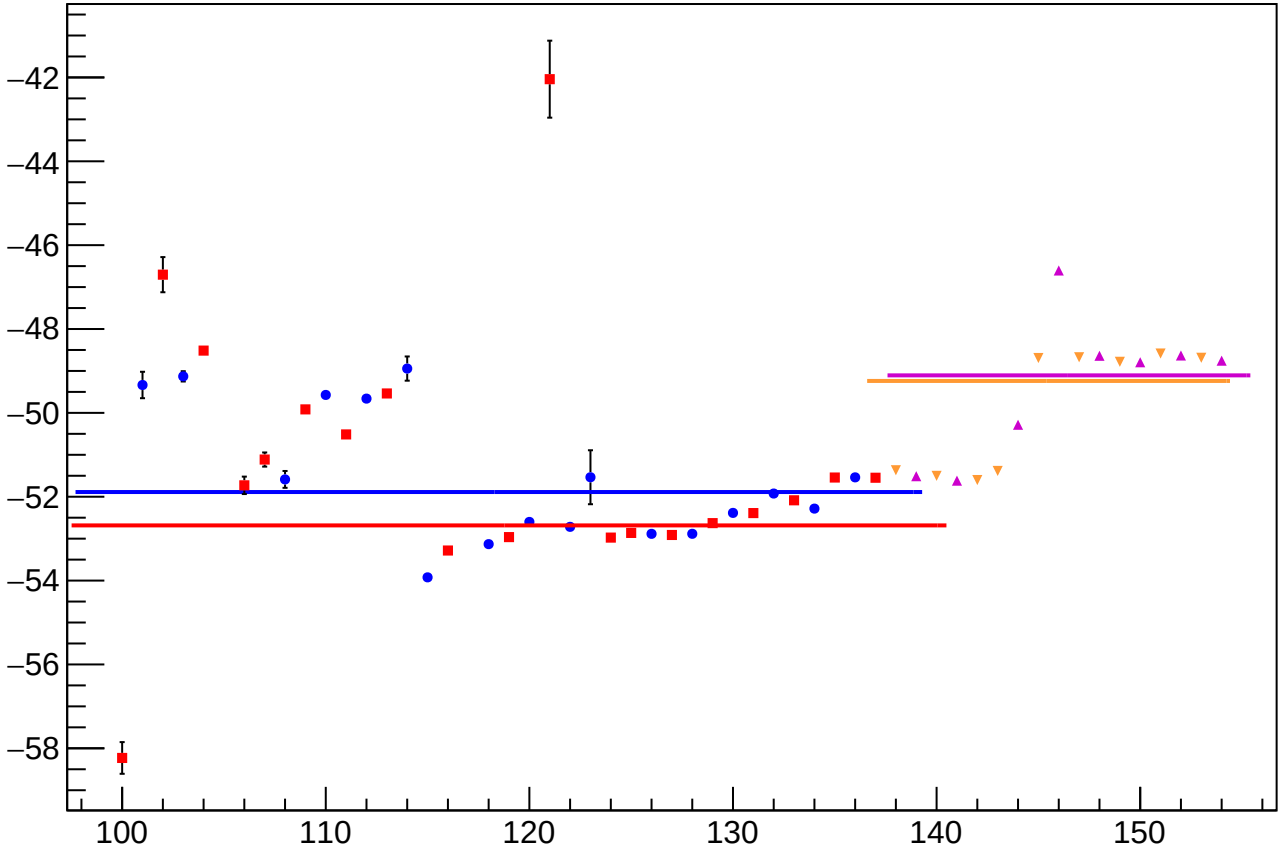
Left In: 0.386+/-0.000 χ^2/NDF:2489.9/7

+ sign 0.541+/-0.000 χ^2/NDF: 97176.0/25

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

- sign 0.030+/-0.000 χ^2/NDF: 722253.1/26

dit_sam8_4aY_slope vs Slug



Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -49.238+/-0.002 χ^2/NDF:312680.5/8

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

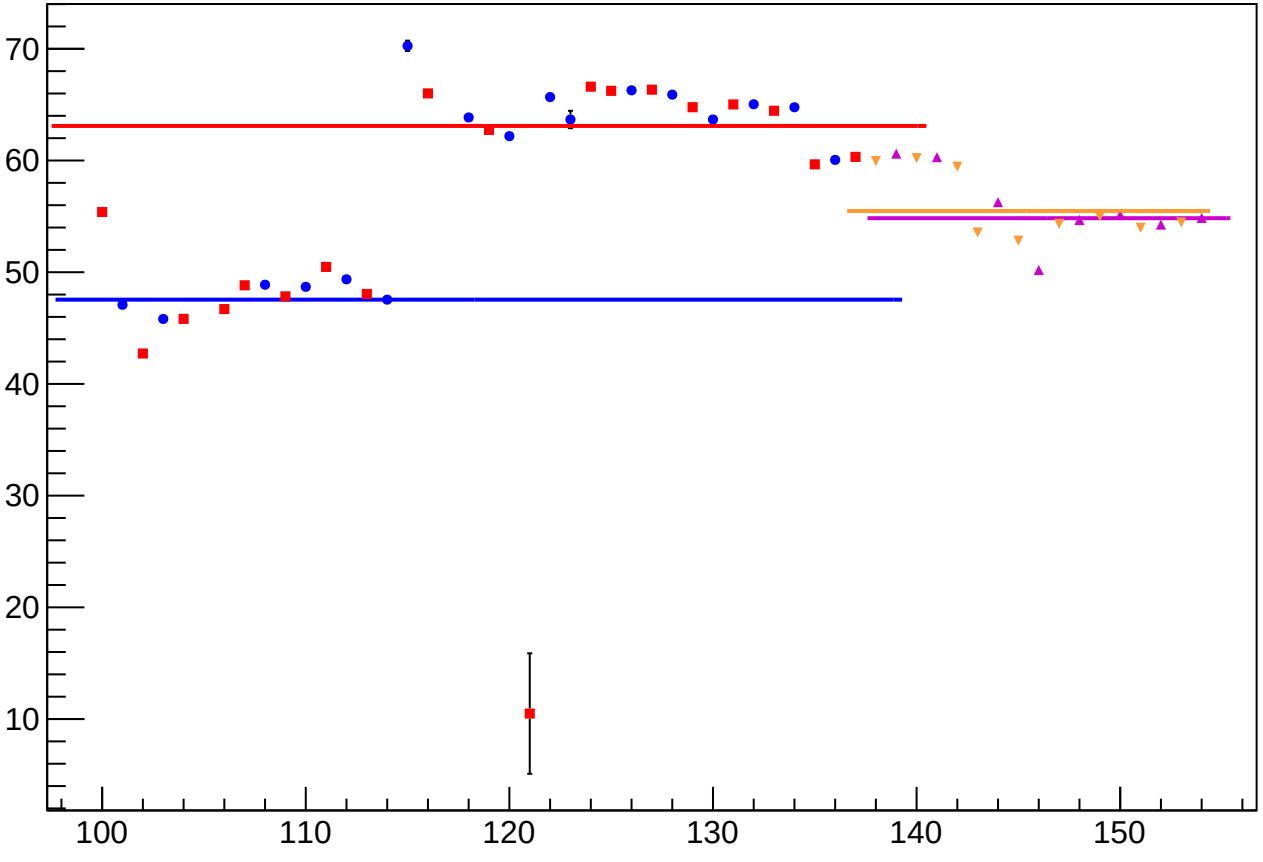
Left In: -49.106+/-0.001 χ^2/NDF:485831.0/7

+ sign -50.379+/-0.001 χ^2/NDF: 1195666.7/25

All: -50.152+/-0.001 χ^2/NDF: 3256232.6/52

- sign -49.981+/-0.001 χ^2/NDF: 2018241.0/26

dit_sam8_4eY_slope vs Slug



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 55.481+/-0.005 χ^2/NDF:216045.3/8

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

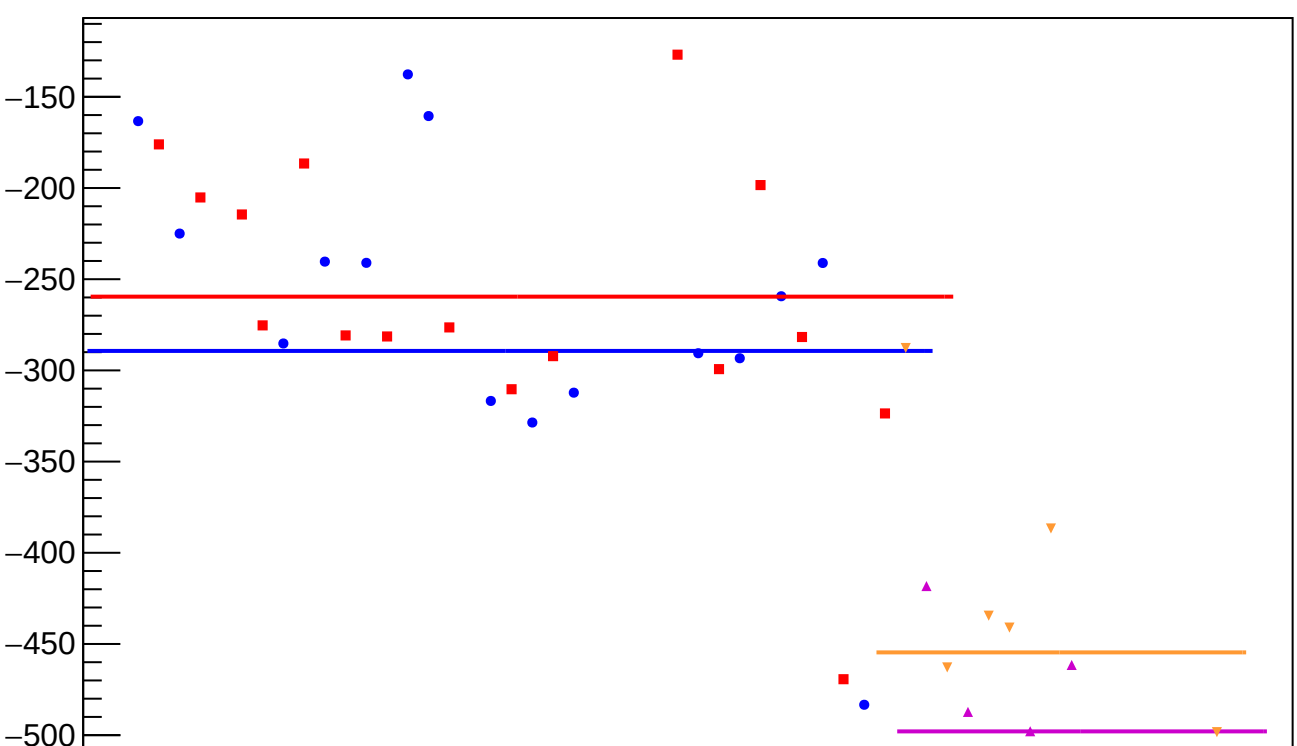
Left In: 54.836+/-0.003 χ^2/NDF:74274.4/7

+ sign 47.545+/-0.000 χ^2/NDF: 6259101.2/25

All: 47.545+/-0.000 χ^2/NDF: 15542155.5/52

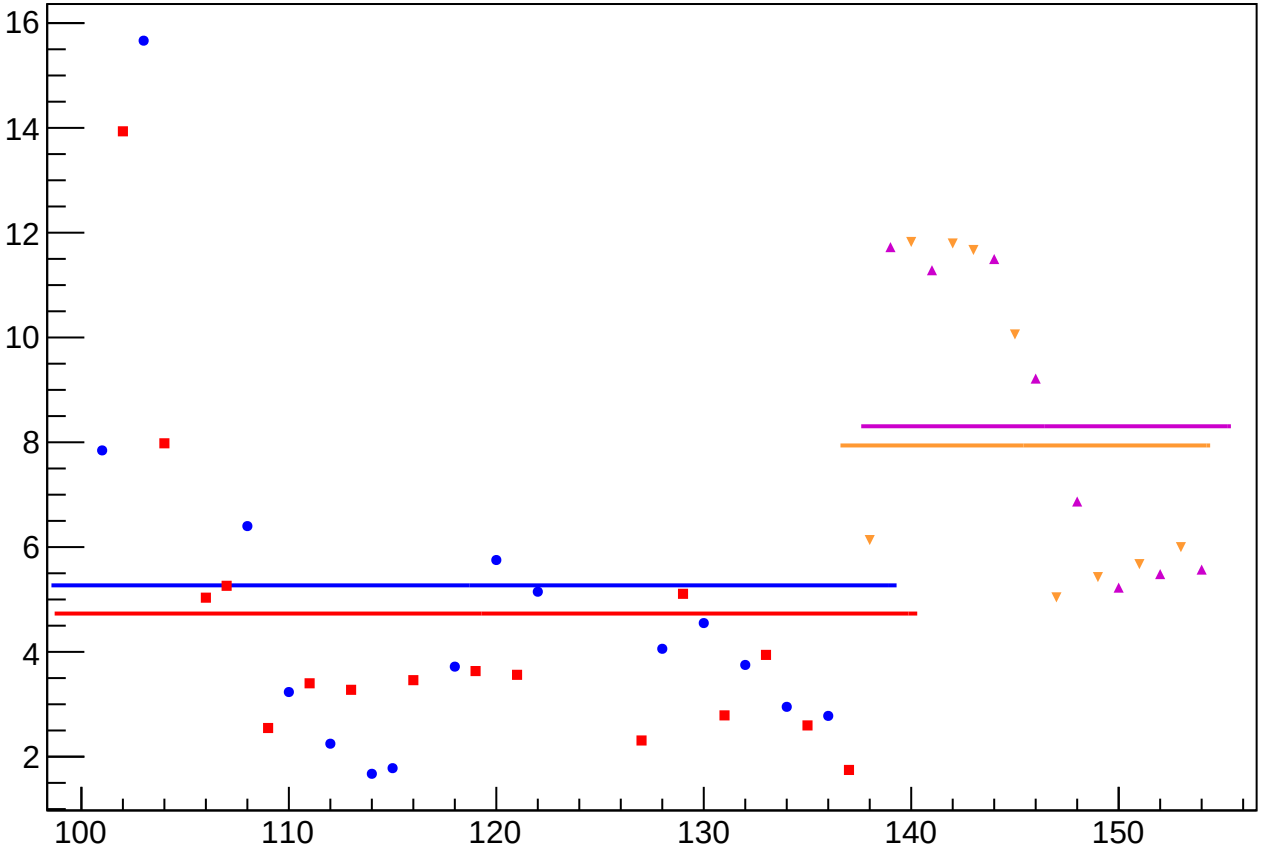
- sign 56.266+/-0.003 χ^2/NDF: 1417984.8/26

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14
+ sign -373.776+/-0.000 χ^2/NDF: 18249744683903
Left Out: -454.618+/-0.000 χ^2/NDF:38200830997584567067168120571177205 76.0/8
All: -377.265+/-0.000 χ^2/NDF: 4278228409 3
Right Out: -259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707141 12.0/15
- sign -380.679+/-0.000 χ^2/NDF: 24500579643996 8
Left In: -497.934+/-0.000 χ^2/NDF:94270197623181246550008448611988 2752.0/7

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

+ sign 6.634+/-0.000 χ^2/NDF: 16444206080031510

Left Out: 7.939+/-0.000 χ^2/NDF:5370982902214634408606015695093760.0/8

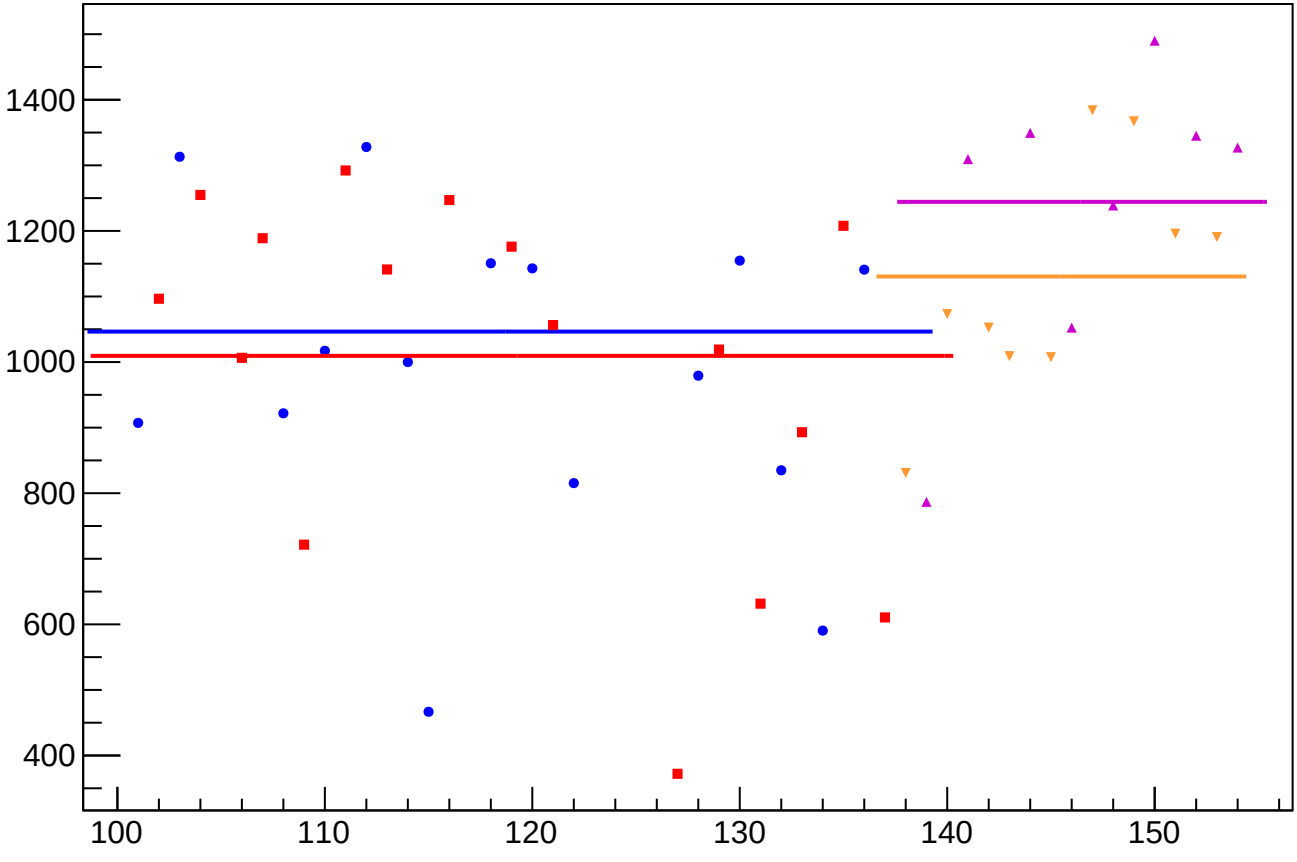
All: 6.590+/-0.000 χ^2/NDF: 3270553245243

Right Out: 4.732+/-0.000 χ^2/NDF: 6856893072575211562802281426452480.0/15

- sign 6.548+/-0.000 χ^2/NDF: 16256358550108750

Left In: 8.306+/-0.000 χ^2/NDF:5070071352571646229456458071670784.0/7

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5

Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8

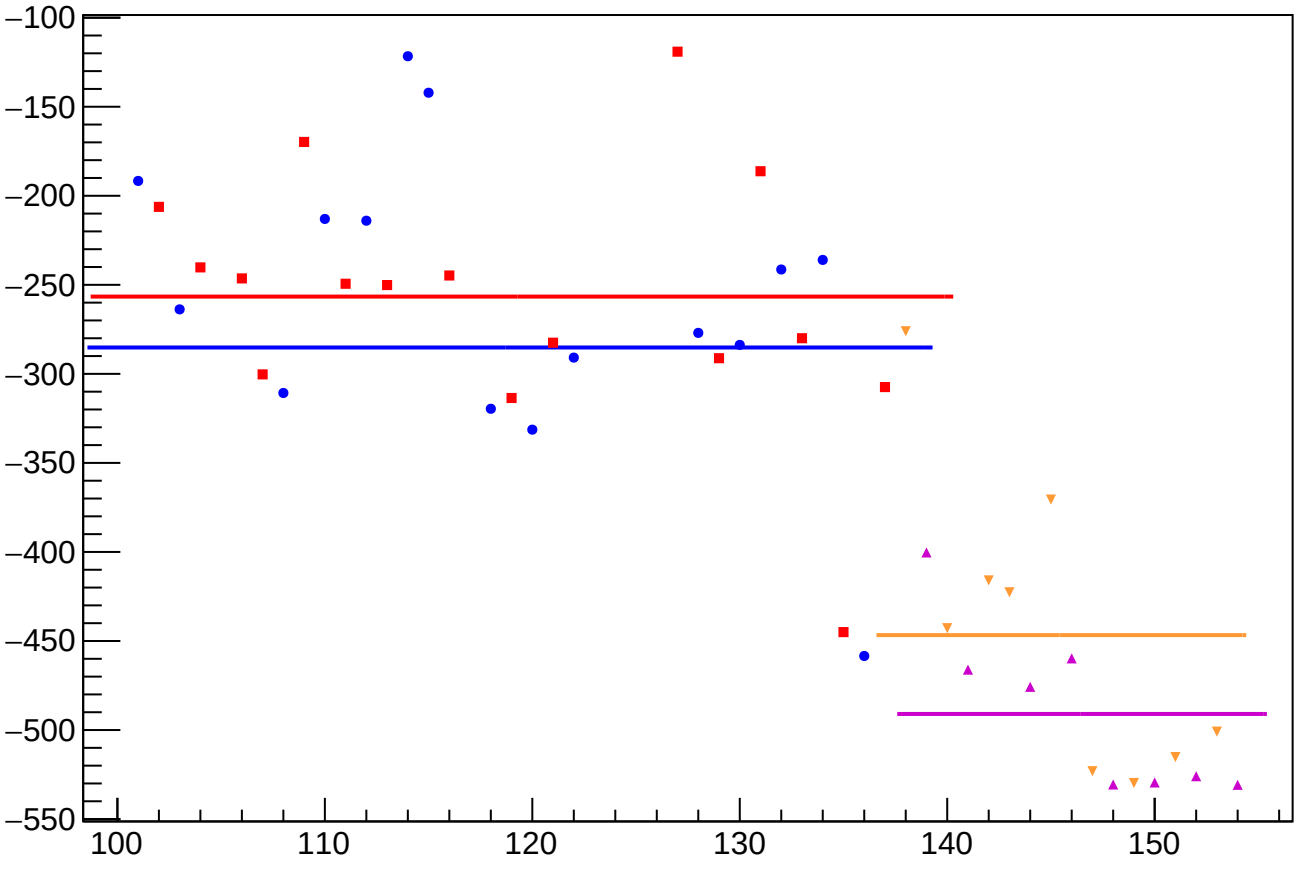
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932

Left In: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14

Left Out: -446.692+/-0.000 χ^2/NDF:4469158600254348137658935350558457856.0/8

Right Out: -256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

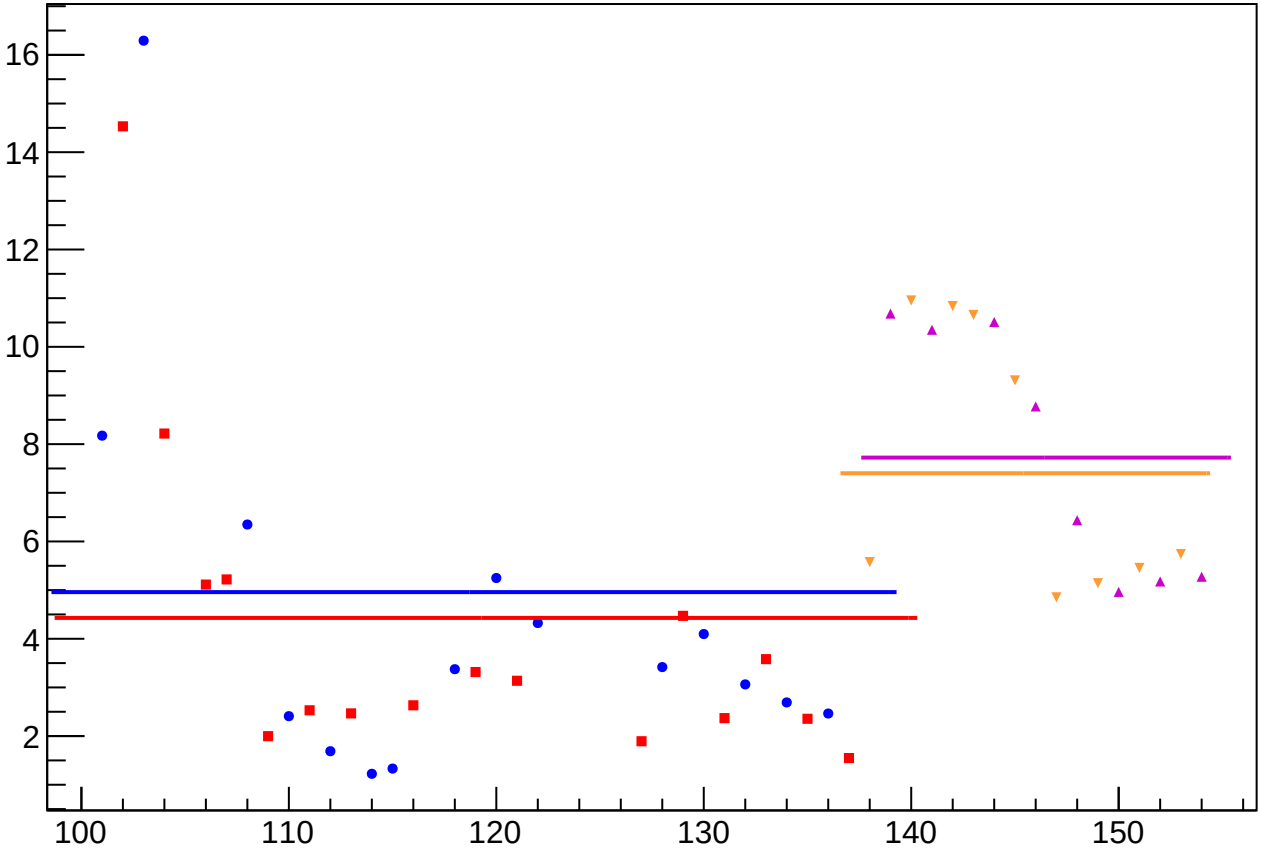
Left In: -490.971+/-0.000 χ^2/NDF:1333982633975133925774990539640274944.0/7

+ sign -367.704+/-0.000 χ^2/NDF: 17598003631811

All: -371.739+/-0.000 χ^2/NDF: 4123947935 5

- sign -375.687+/-0.000 χ^2/NDF: 2359874314468 26

dit_4eX_coil1_err_mean vs Slug



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 7.402+/-0.000 χ^2/NDF:4304215554772747114764111496347648.0/8

Right Out: 4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

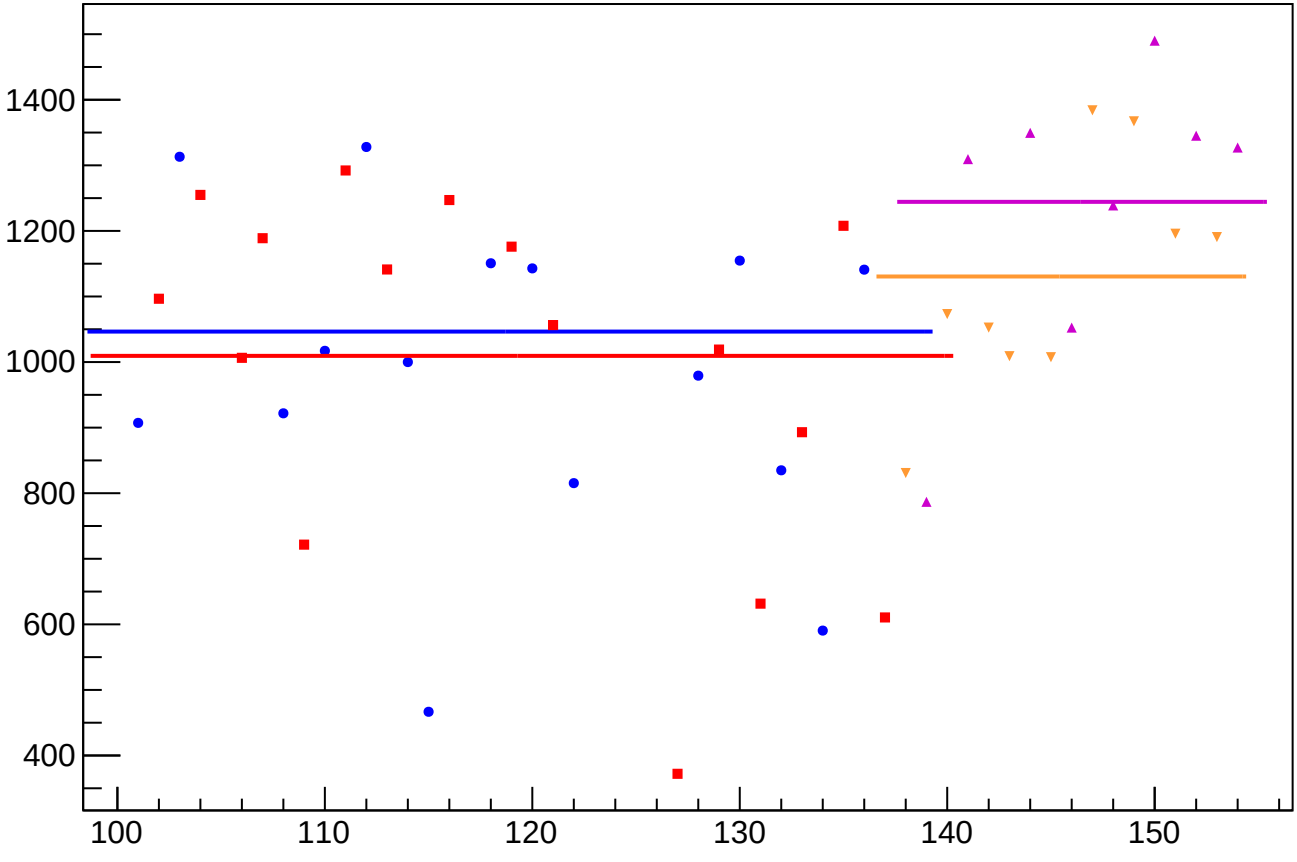
Left In: 7.723+/-0.000 χ^2/NDF:4008742727185929540967662352334848.0/7

+ sign 6.207+/-0.000 χ^2/NDF: 1674854418546379 9

All: 6.154+/-0.000 χ^2/NDF: 3281368342535 3

- sign 6.103+/-0.000 χ^2/NDF: 1605783753670798 8

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5

Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8

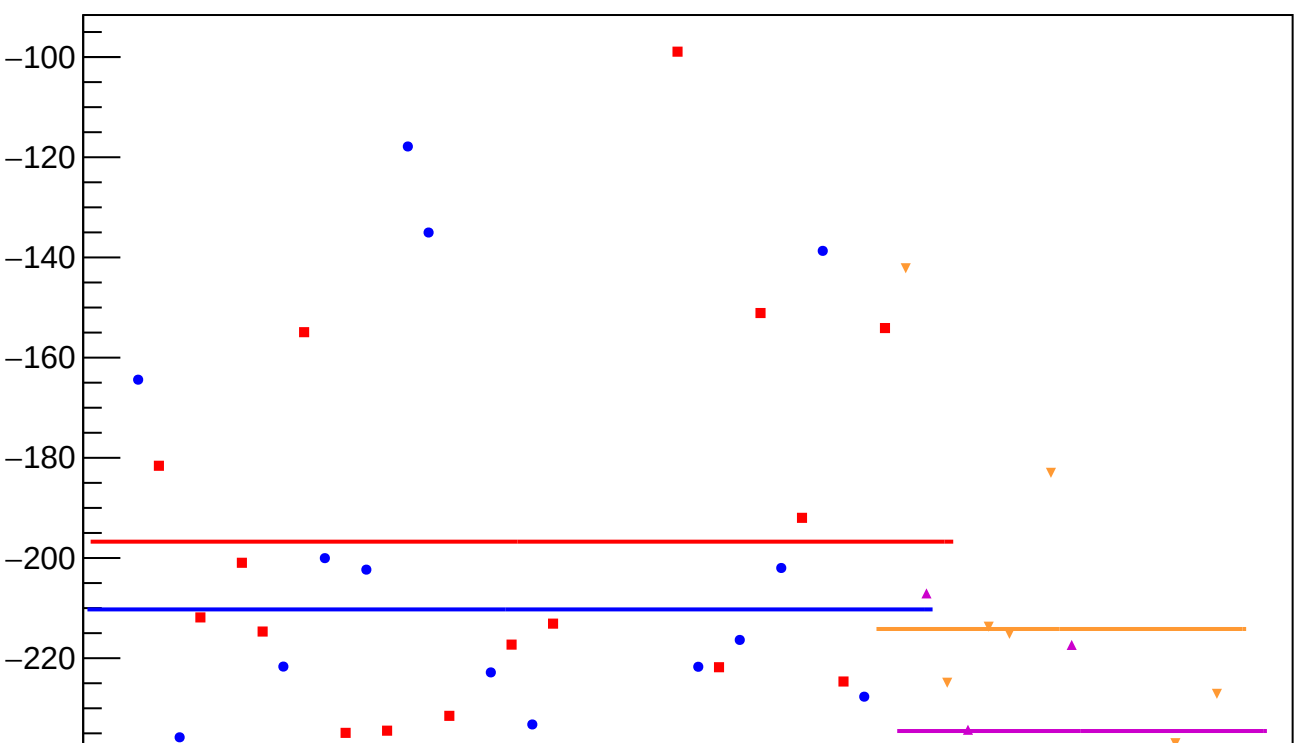
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932

Left In: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000 χ^2/NDF: 567711076568068409192467700494893056.0/14

+ sign -212.257+/-0.000 χ^2/NDF: 12372102222478

Left Out: -214.167+/-0.000 χ^2/NDF:66444119437277487209720329060692787 2.0/8

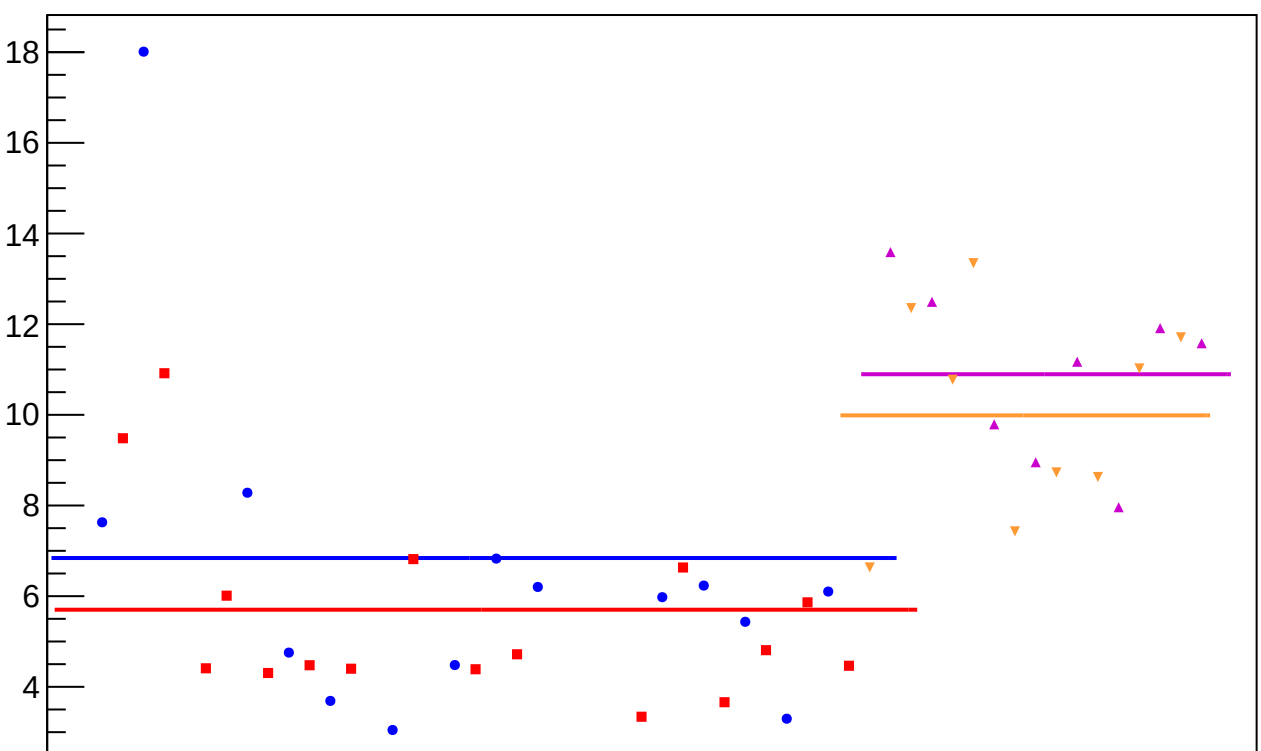
All: -214.120+/-0.000 χ^2/NDF: 2757215713 8

Right Out: -196.736+/-0.000 χ^2/NDF: 909588895093044840633640514790359040.0/15

- sign -215.943+/-0.000 χ^2/NDF: 15108951438945 0

Left In: -234.535+/-0.000 χ^2/NDF:1170835230565812686887109104479764 48.0/7

dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000 χ^2/NDF: 9355934166823324467316647620771840.0/14

+ sign 8.449+/-0.000 χ^2/NDF: 15902954000676541

Left Out: 9.988+/-0.000 χ^2/NDF:3263642094436372487858999743479808.0/8

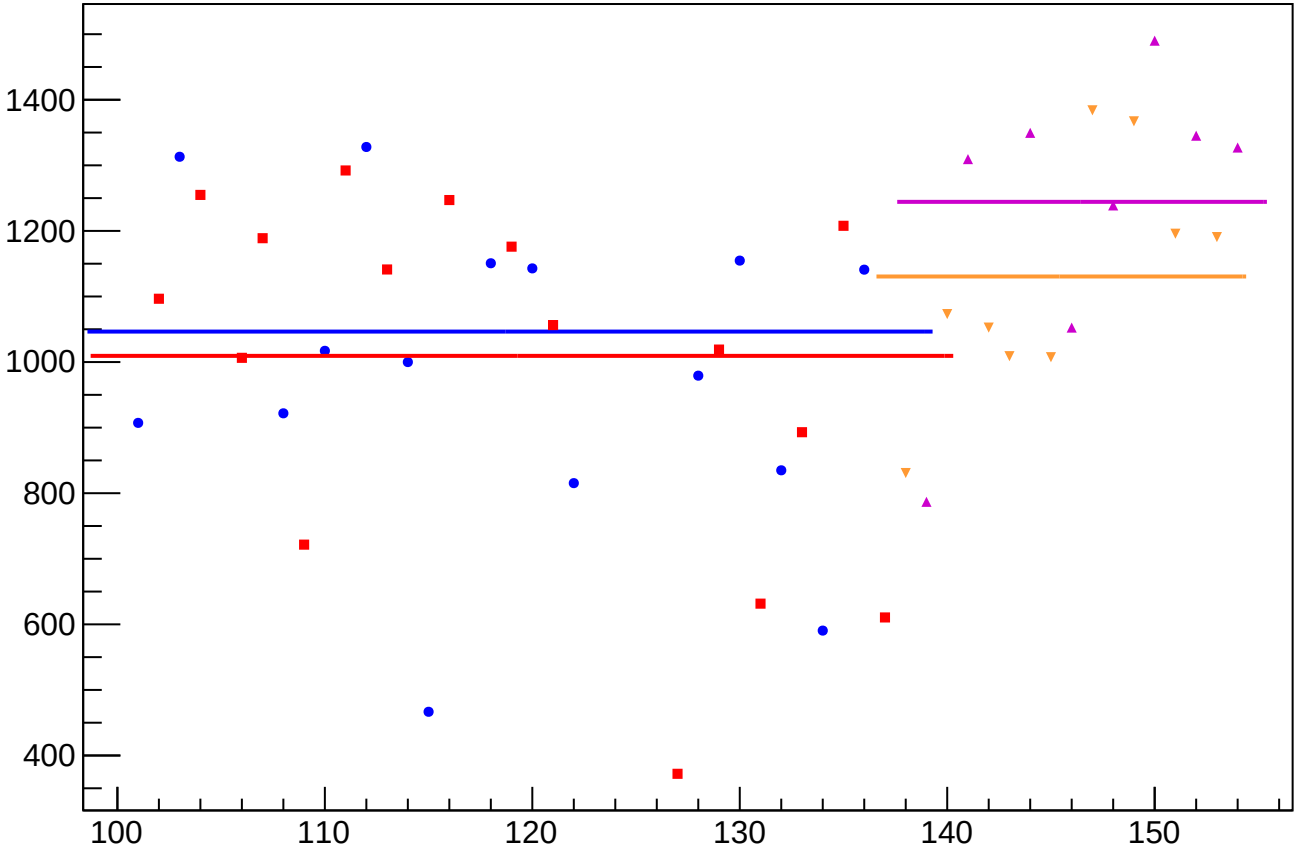
All: 8.394+/-0.000 χ^2/NDF: 3037846132662

Right Out: 5.701+/-0.000 χ^2/NDF: 3174693398300953393137731791486976.0/15

- sign 8.341+/-0.000 χ^2/NDF: 14467587253220838

Left In: 10.896+/-0.000 χ^2/NDF:2147505840487404806533133667139584.0/7

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5

Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8

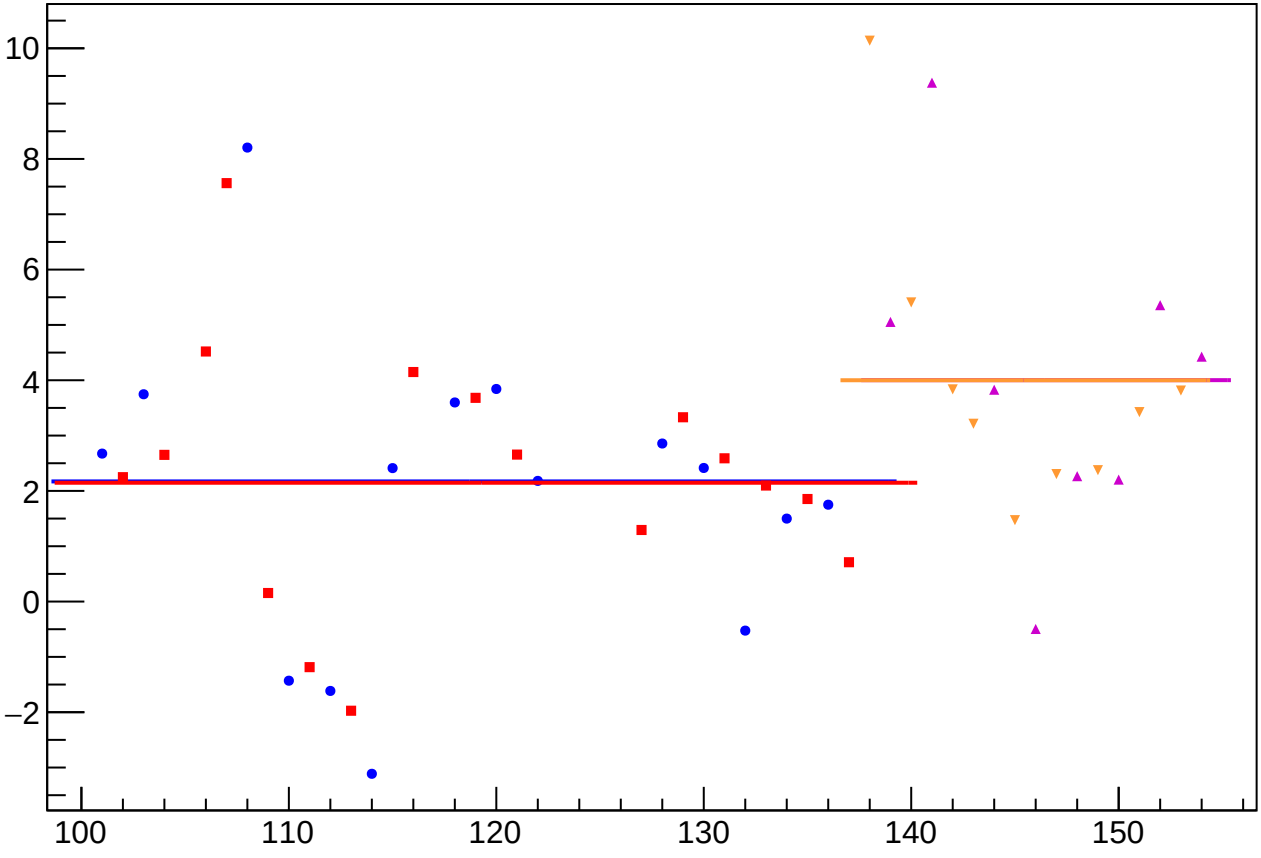
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932

Left In: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14

Left Out: 4.000+/-0.000 χ^2/NDF:4136107227409683907700497158504448.0/8

Right Out: 2.148+/-0.000 χ^2/NDF: 30938873362393789596063219318784 00.0/15

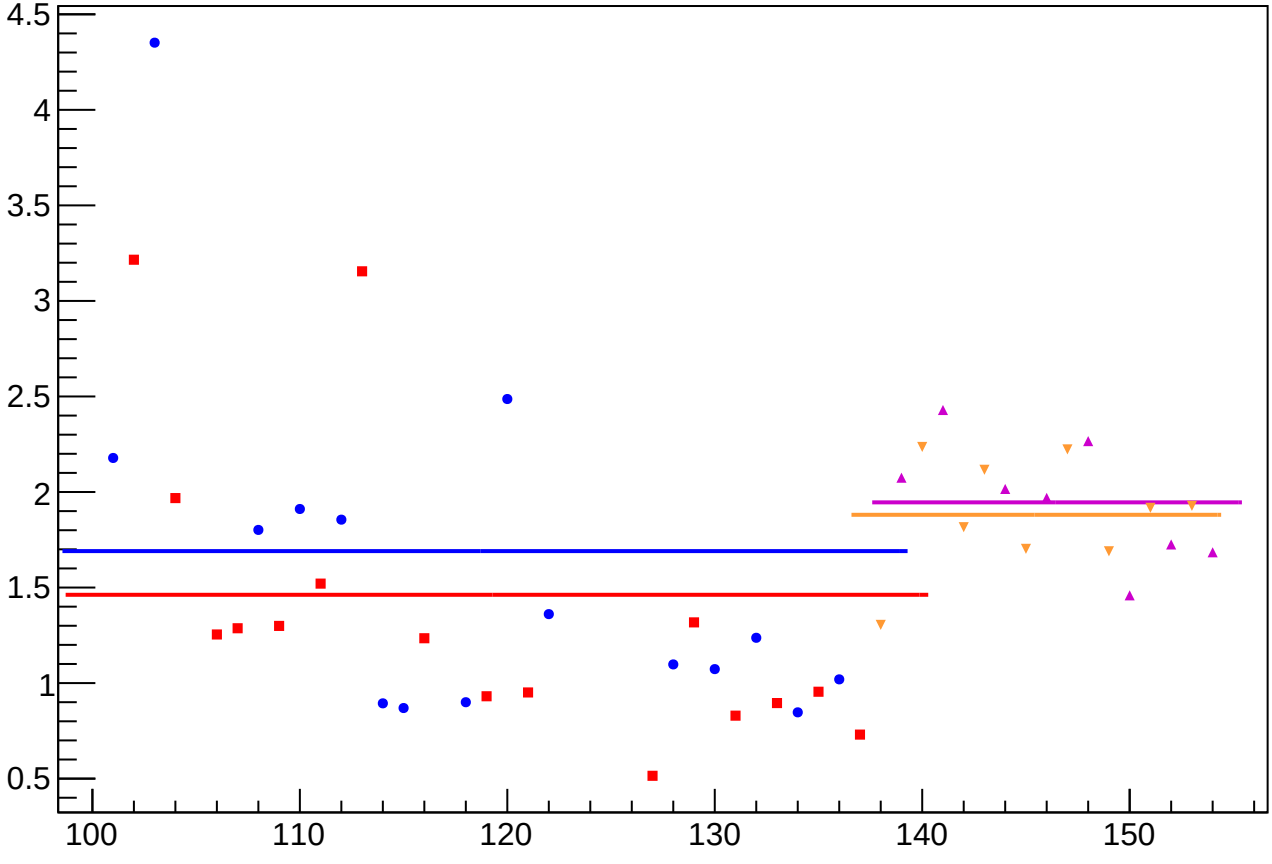
Left In: 4.002+/-0.000 χ^2/NDF:4950929210578562224838533200216064.0/7

+ sign 3.106+/-0.000 χ^2/NDF: 8844820127489448 3

All: 3.098+/-0.000 χ^2/NDF: 1805499352983 5

- sign 3.090+/-0.000 χ^2/NDF: 9210002454604647 7

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Left Out: 1.881+/-0.000 χ^2/NDF:552035084105596567620882551275 52.0/8

Right Out: 1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

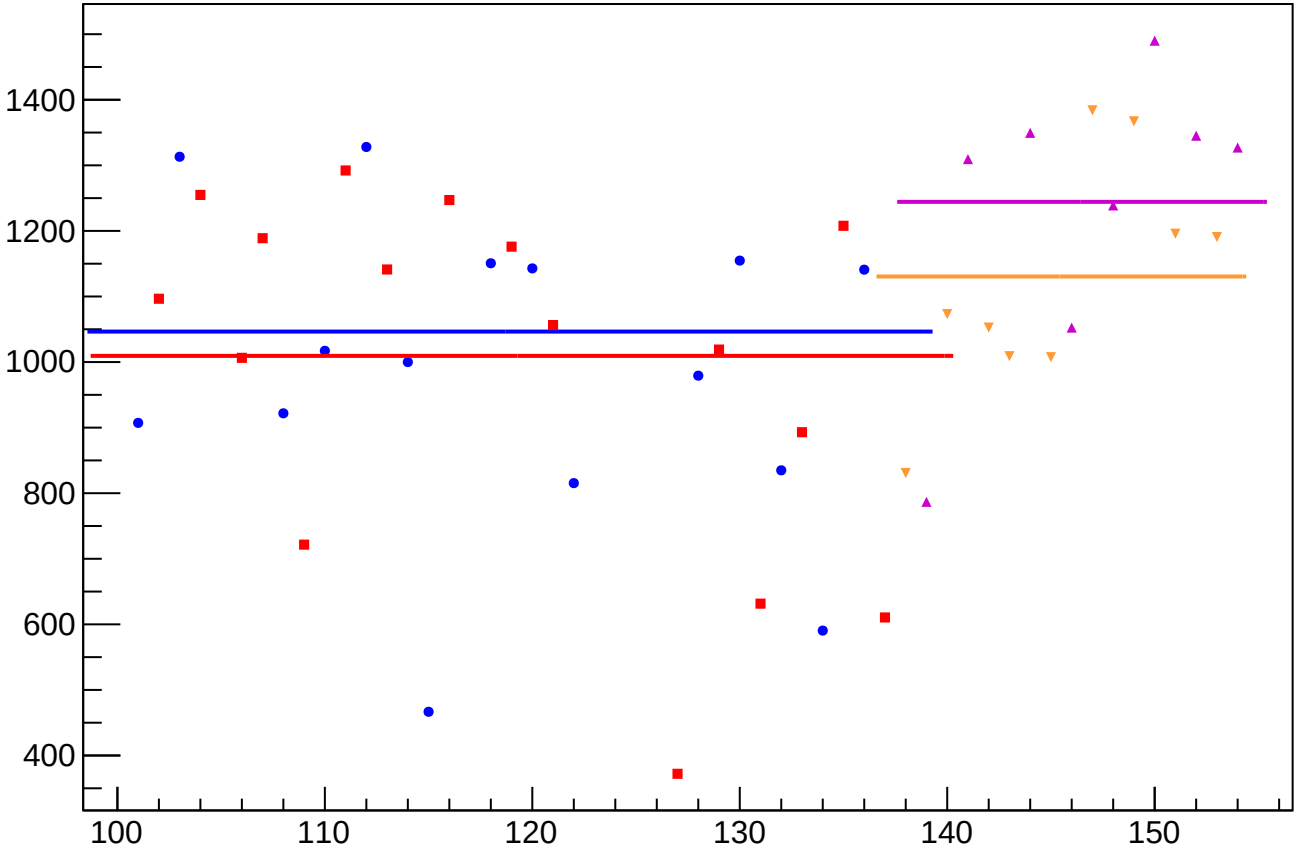
Left In: 1.946+/-0.000 χ^2/NDF:62169284740742932954041739640832.0/7

+ sign 1.788+/-0.000 χ^2/NDF: 6793359838763364 2

All: 1.747+/-0.000 χ^2/NDF: 1269475253268 6

- sign 1.708+/-0.000 χ^2/NDF: 58585232490491116

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5

Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8

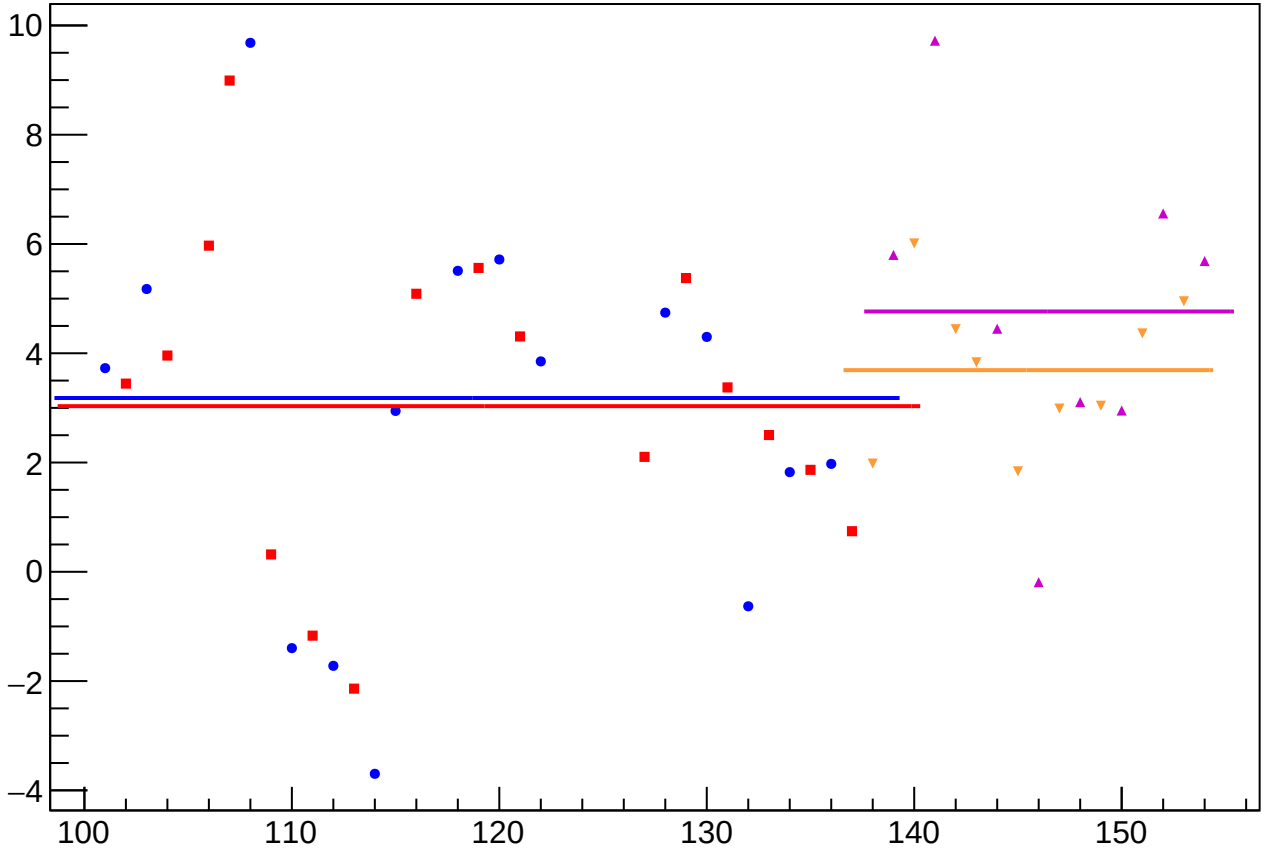
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932

Left Out: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Left Out: 3.691+/-0.000 χ^2/NDF:12178911718401901277809421813022 72.0/8

Right Out: 3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

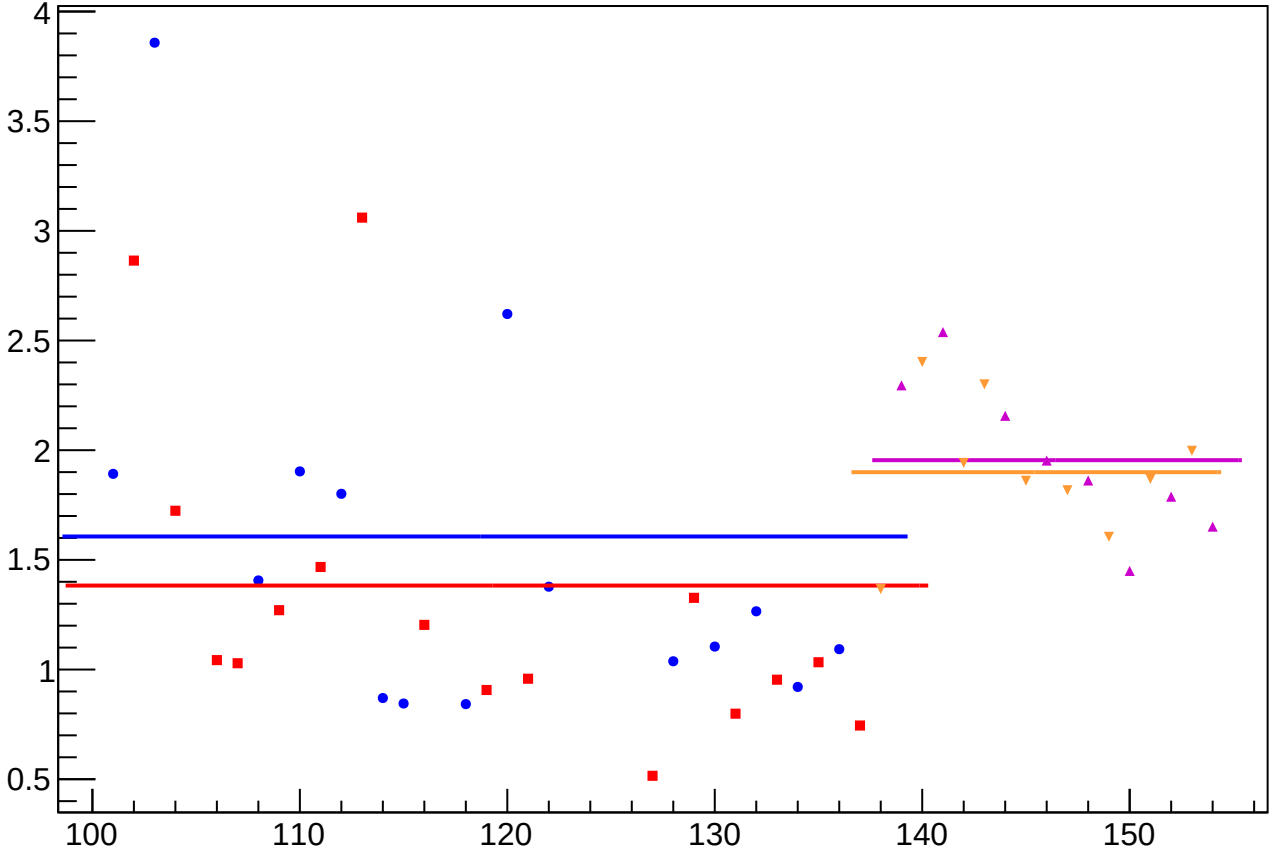
Left In: 4.765+/-0.000 χ^2/NDF:51076300655216035030406532211671 04.0/7

+ sign 3.442+/-0.000 χ^2/NDF: 7137328087907179 1

All: 3.679+/-0.000 χ^2/NDF: 1834826981912 6

- sign 3.912+/-0.000 χ^2/NDF: 1106239455210496 5

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607+/-0.000 χ^2/NDF: 460949628640148184181205735833600.0/14

Left Out: 1.900+/-0.000 χ^2/NDF:624980546093152382662470155632 64.0/8

Right Out: 1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

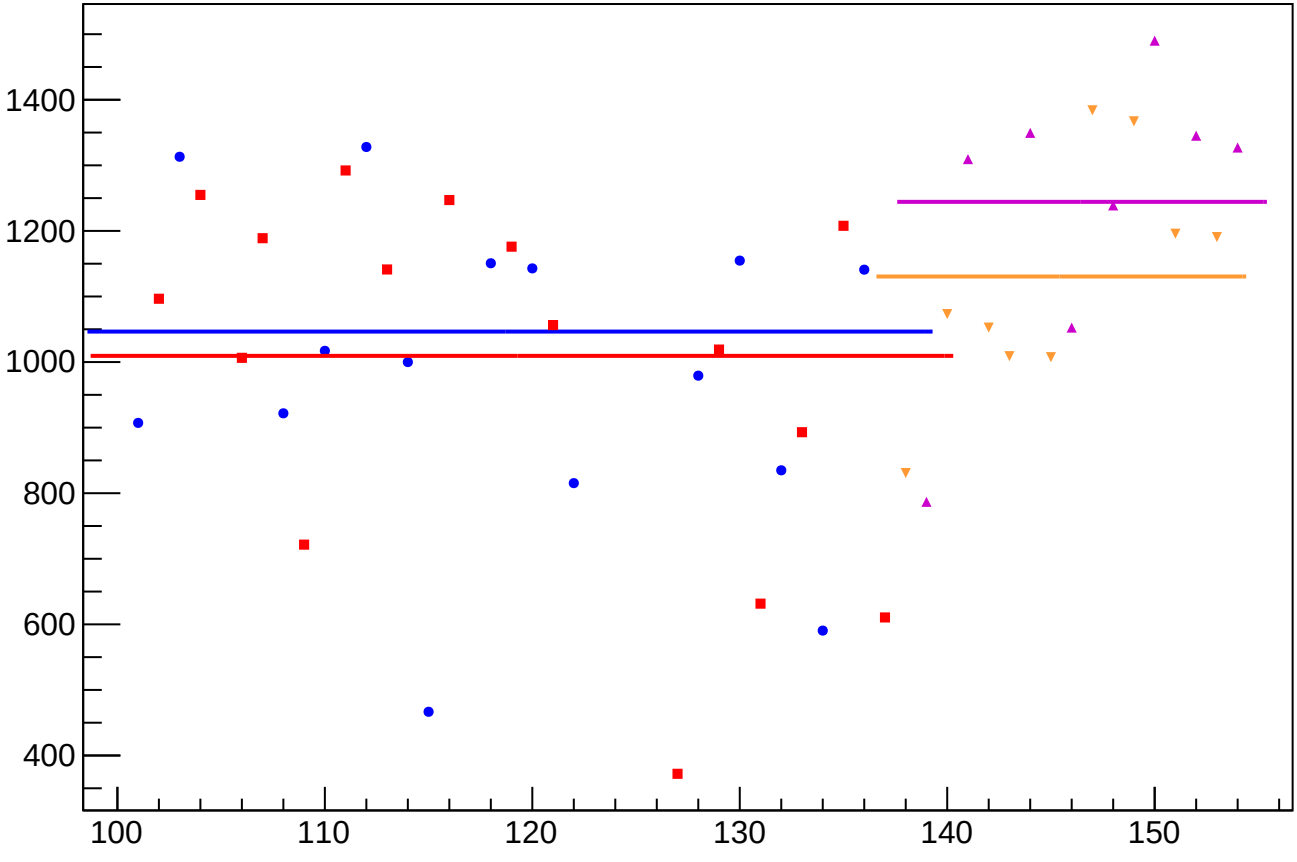
Left In: 1.954+/-0.000 χ^2/NDF:765601494501874083232889553551 36.0/7

+ sign 1.756+/-0.000 χ^2/NDF: 5519362951427854 8

All: 1.714+/-0.000 χ^2/NDF: 1102201839947 4

- sign 1.673+/-0.000 χ^2/NDF: 5456428386447300 7

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5

Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8

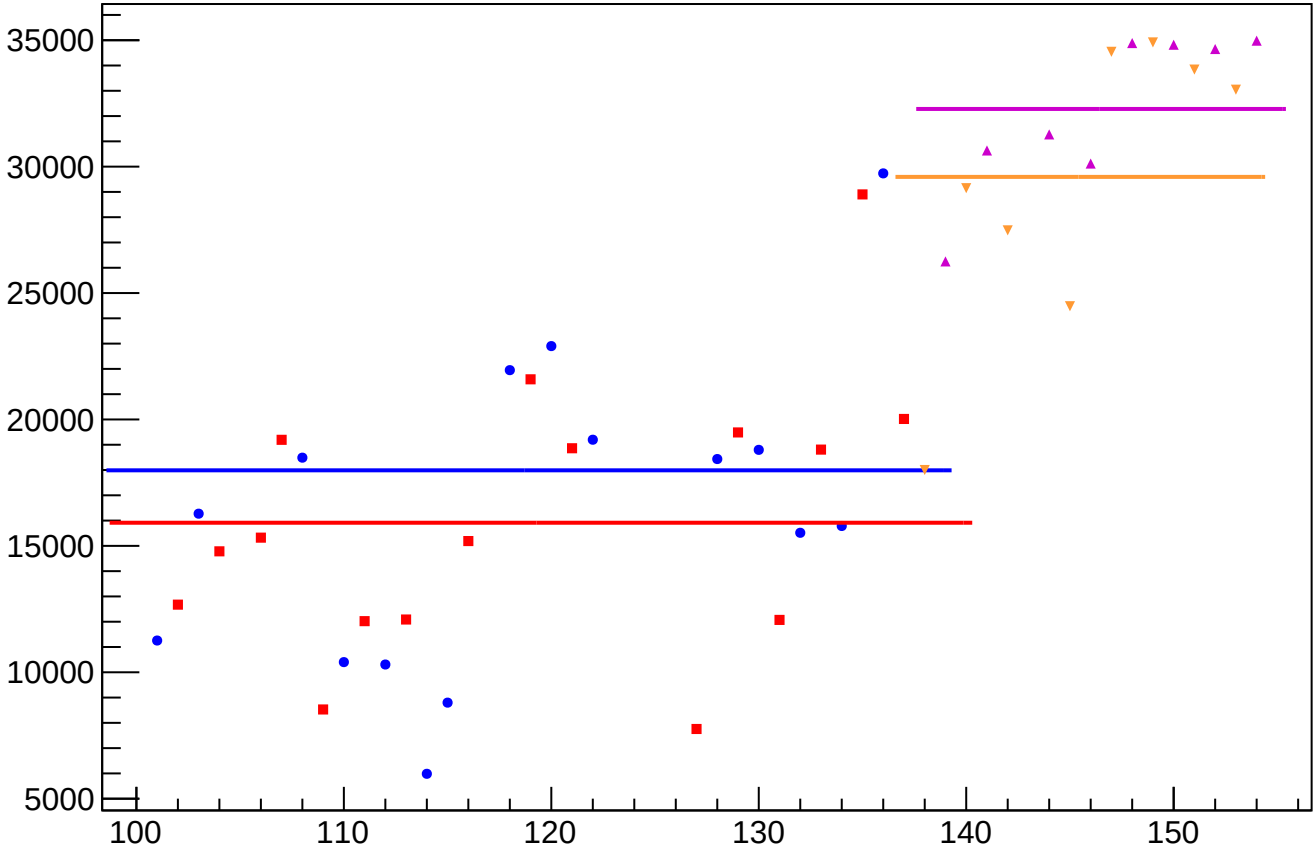
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932

Left Out: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000 χ^2/NDF: 2481511180998421710354400123755295250841 6.0/14

+ sign 23616.290+/-0.000 χ^2/NDF: 8671977067559

Left Out: 29594.425+/-0.000 χ^2/NDF:195112398874798583542825205645288469954 56.0/7

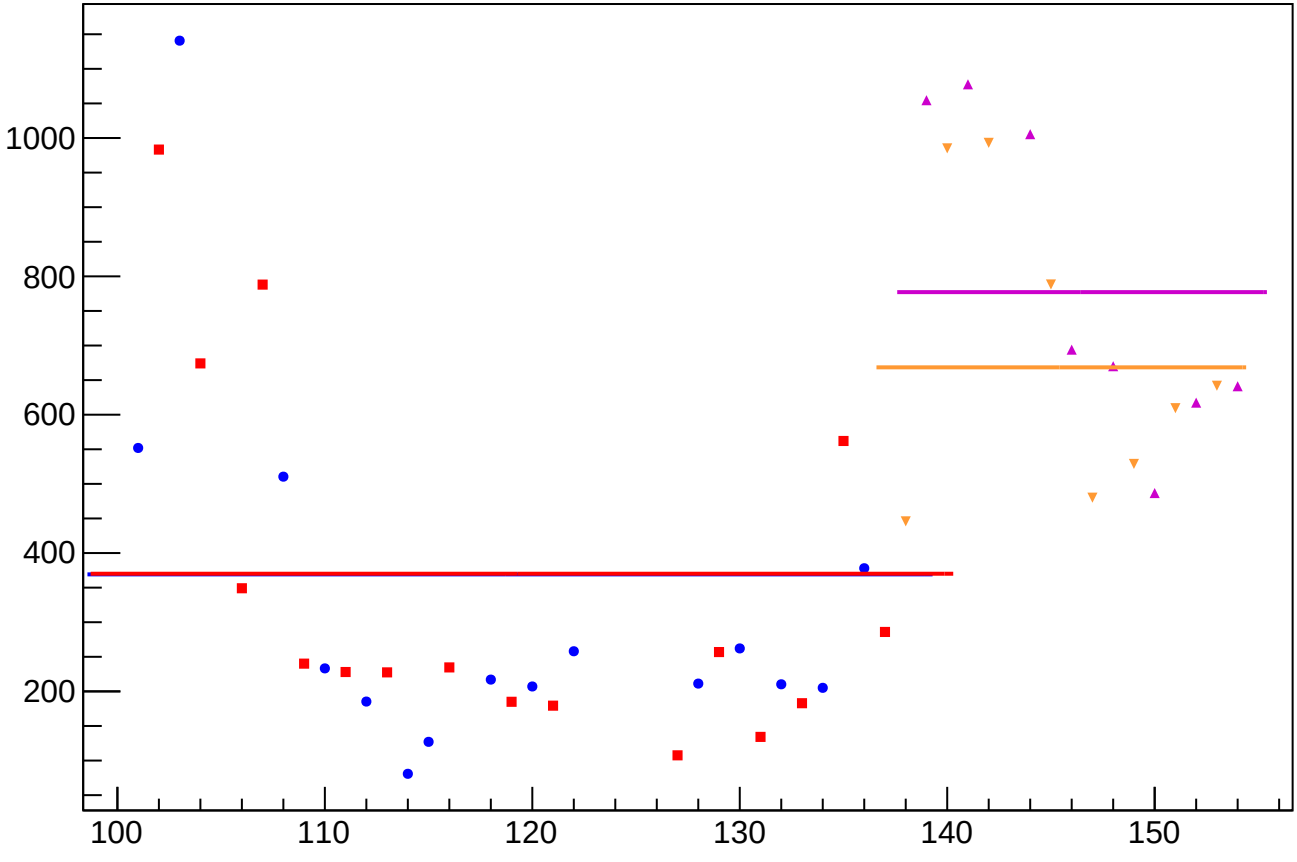
All: 23934.955+/-0.000 χ^2/NDF: 2036457129

Right Out: 15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15

- sign 24231.060+/-0.000 χ^2/NDF: 1166791009659

Left In: 32281.365+/-0.000 χ^2/NDF:594750038397396177287829071300313638 5024.0/7

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF: 4805303678956548599419583334137095782 4.0/14

Left Out: 668.454+/-0.000 χ^2/NDF:2282803275585475369935446397224484864 0.0/7

Right Out: 370.091+/-0.000 χ^2/NDF: 4821446290705210754303703712531690291 2.0/15

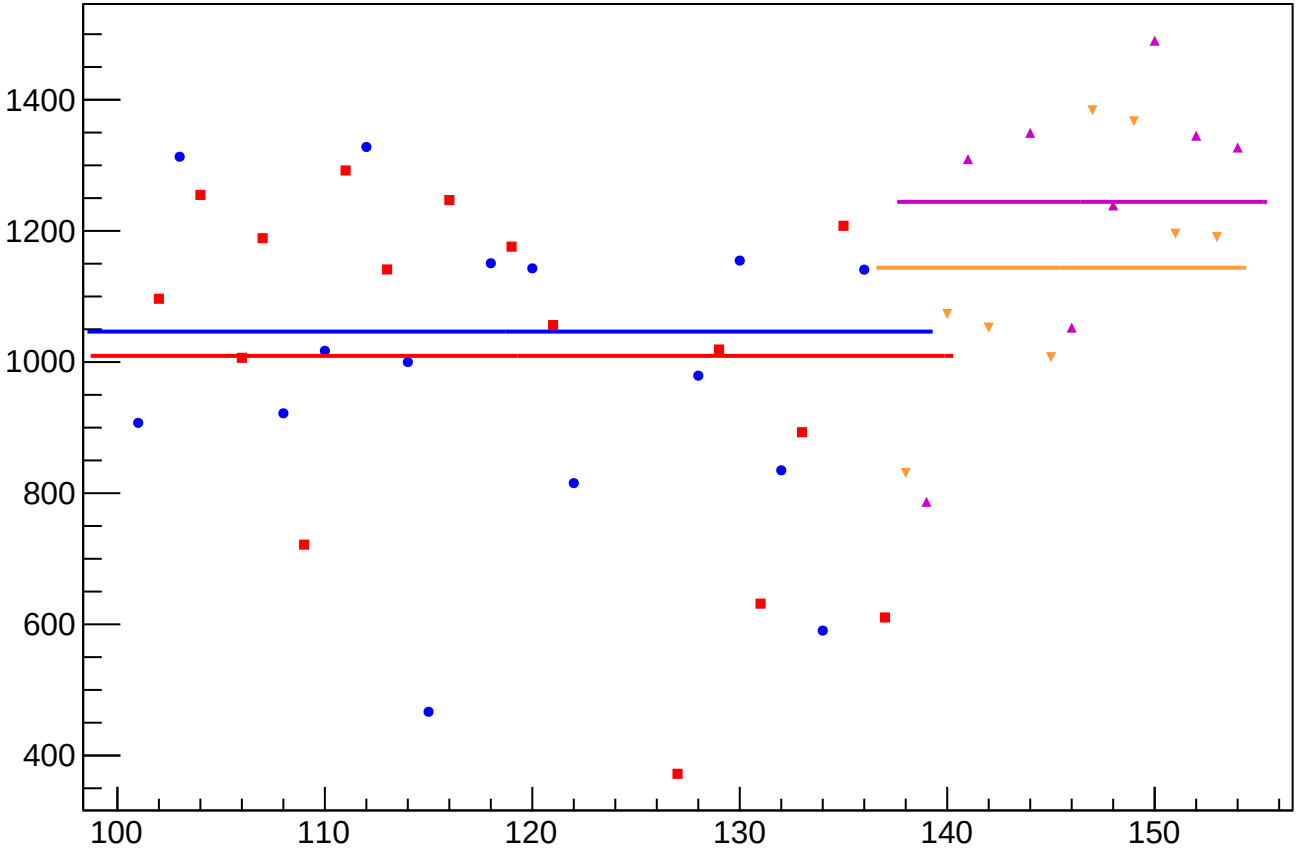
Left In: 777.200+/-0.000 χ^2/NDF:3163243379750763503622905010278157516 8.0/7

+ sign 514.298+/-0.000 χ^2/NDF: 99070448040408 3

All: 546.773+/-0.000 χ^2/NDF: 2376511997 86

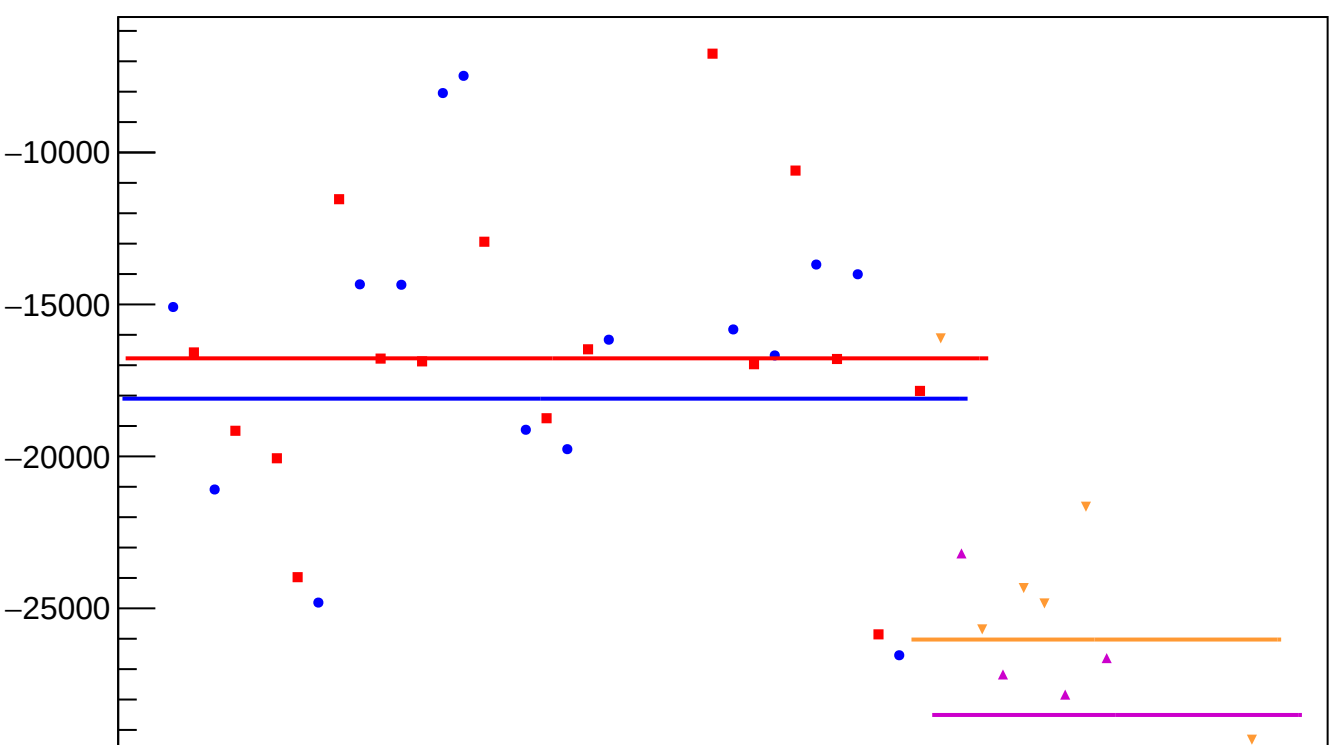
- sign 576.948+/-0.000 χ^2/NDF: 136017229606590

dit_usl_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1093.687+/-0.000 χ^2/NDF: 46870231320745
Left Out: 1143.820+/-0.000 χ^2/NDF:190222861391704308580505642318891581 44.0/7
All: 1111.882+/-0.000 χ^2/NDF: 1393181159 8
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932
Left In: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618 3552.0/7

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Left Out: -26026.270+/-0.000 χ^2/NDF:1486704498139326636167753458244475735244 8.0/8

Right Out: -16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

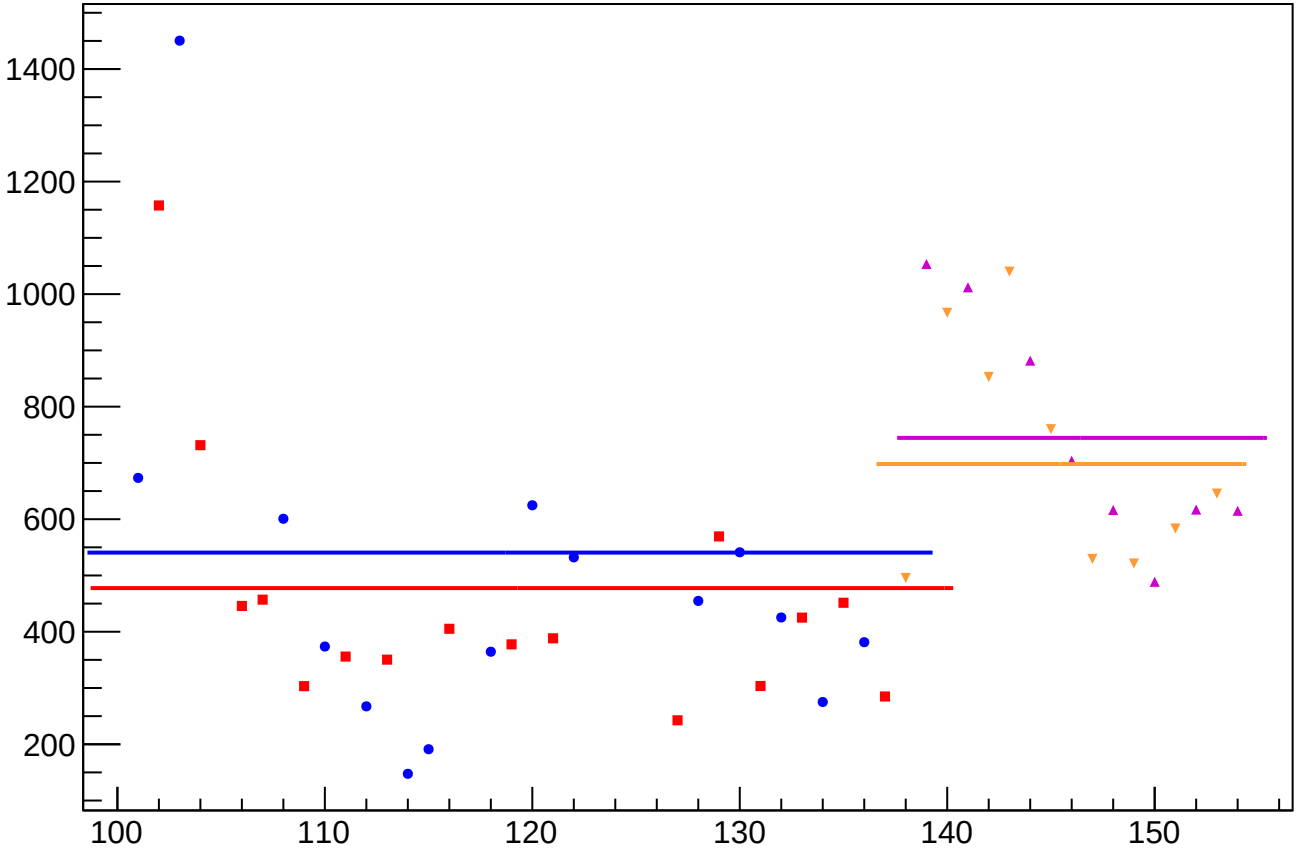
Left In: -28507.738+/-0.000 χ^2/NDF:4421453040965827914256709952502547611648.0/7

+ sign -22150.056+/-0.000 χ^2/NDF: 503311566573

All: -22446.124+/-0.000 χ^2/NDF: 115881895

- sign -22735.859+/-0.000 χ^2/NDF: 653205877263 4

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF: 64546819695986774721678785082975846400.0/14

Left Out: 698.015+/-0.000 χ^2/NDF:24458660585820048768267034305497137152.0/8

Right Out: 477.546+/-0.000 χ^2/NDF: 38798306504296954461537116809760604160.0/15

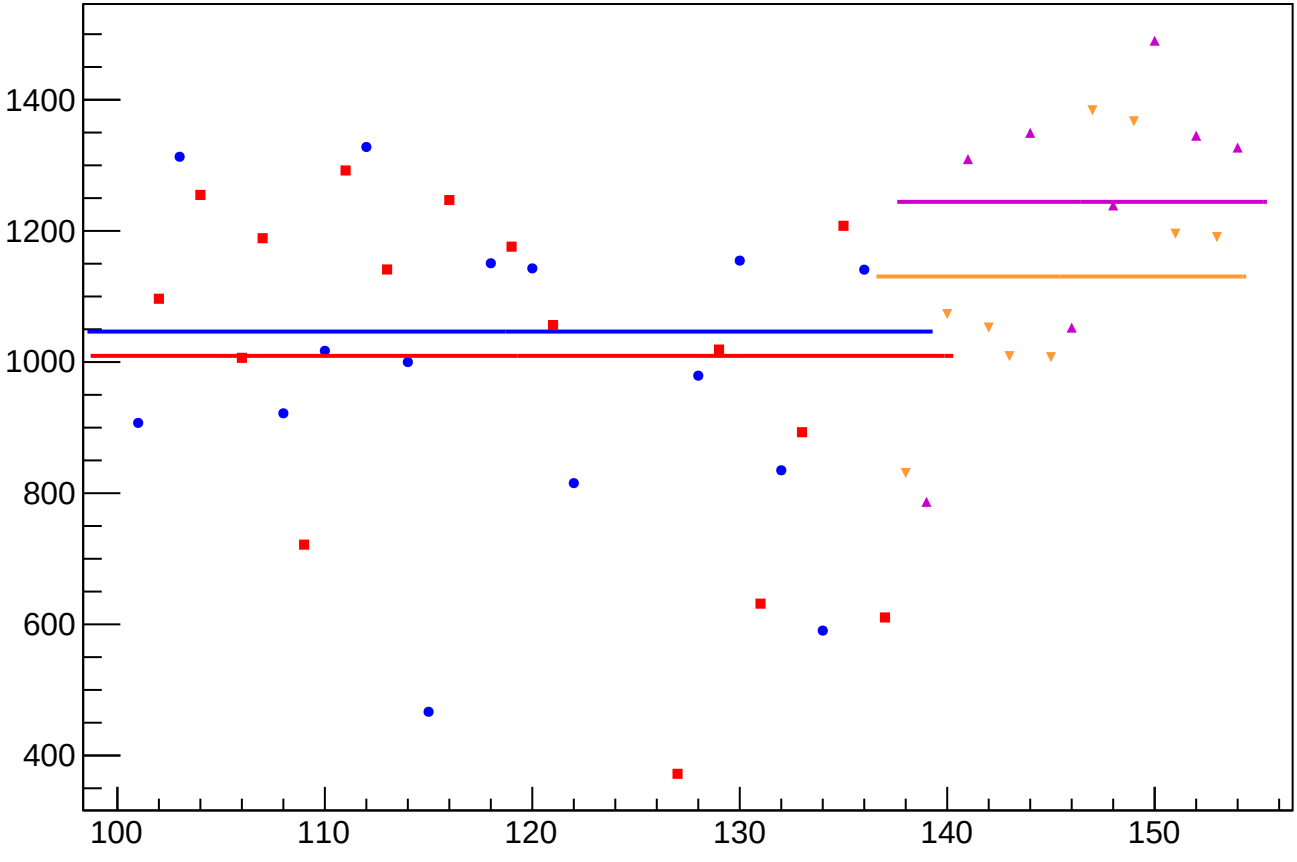
Left In: 744.515+/-0.000 χ^2/NDF:25875821742539979093871789790940102656.0/7

+ sign 621.058+/-0.000 χ^2/NDF: 972156277664534

All: 617.085+/-0.000 χ^2/NDF: 18608615748

- sign 613.196+/-0.000 χ^2/NDF: 888290743104849

dit_usr_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5

Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8

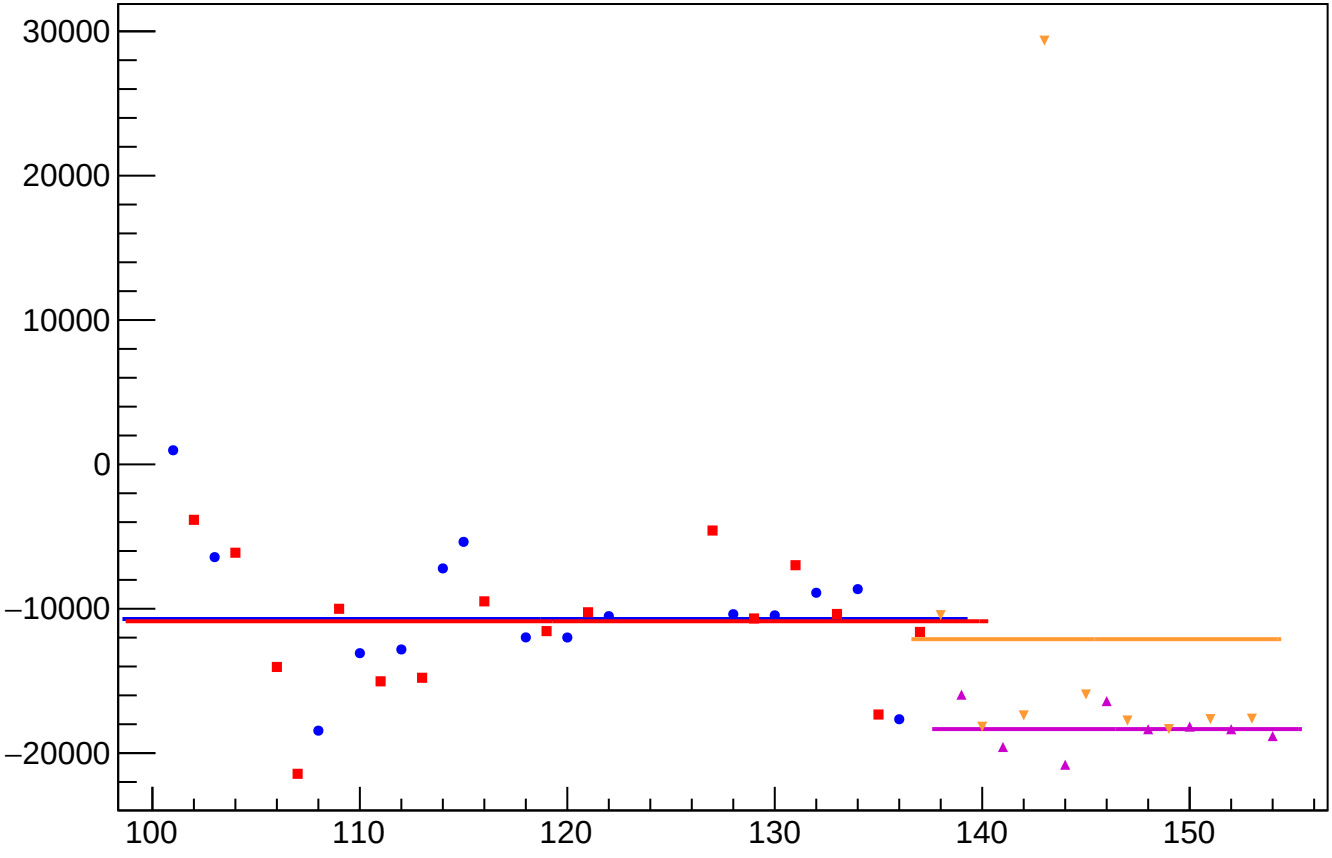
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932

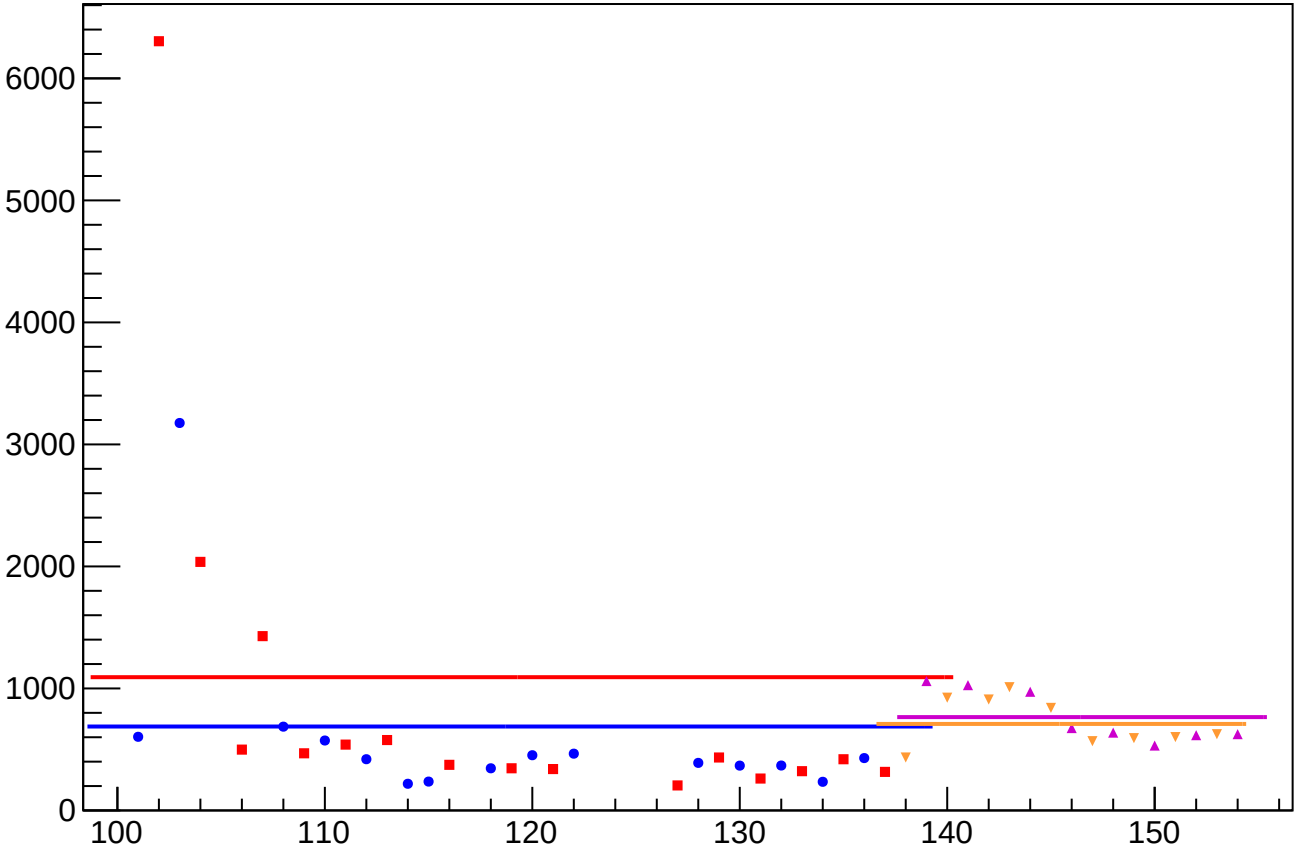
Left In: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_atl1_coil1_mean vs Slug



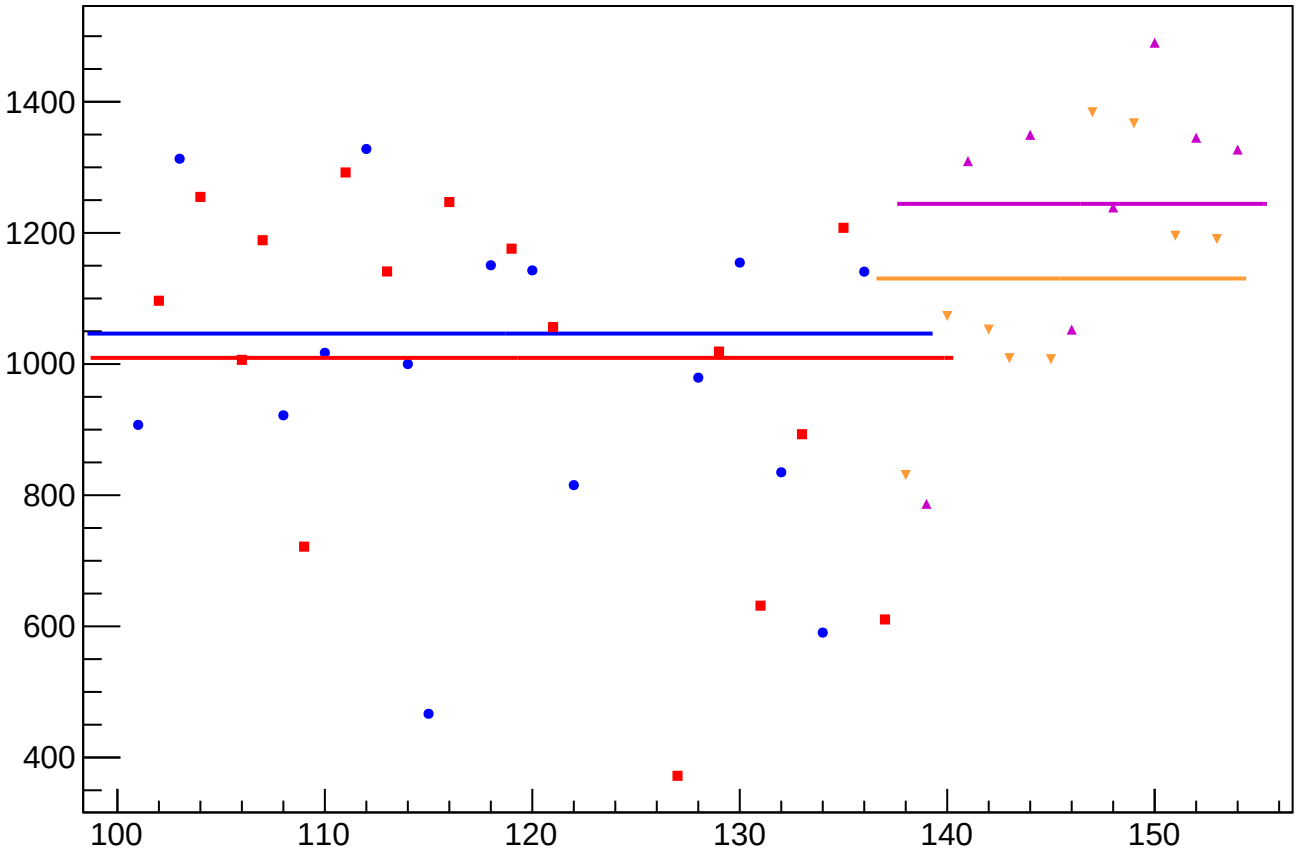
Right In: -10710.292+/-0.000 χ^2/NDF: 16945226152053511840482618402250170564608.0/14
+ sign -11424.046+/-0.000 χ^2/NDF: 149129152600
Left Out: -12107.270+/-0.000 χ^2/NDF:1315368105838949420187663662080977713233 92.0/8
All: -13060.391+/-0.000 χ^2/NDF: 190773447
Right Out: -10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15
- sign -14661.740+/-0.000 χ^2/NDF: 3461386963661
Left In: -18336.025+/-0.000 χ^2/NDF:1468790705193088884237931517352601452544.0/7

dit_atl1_coil1_err_mean vs Slug



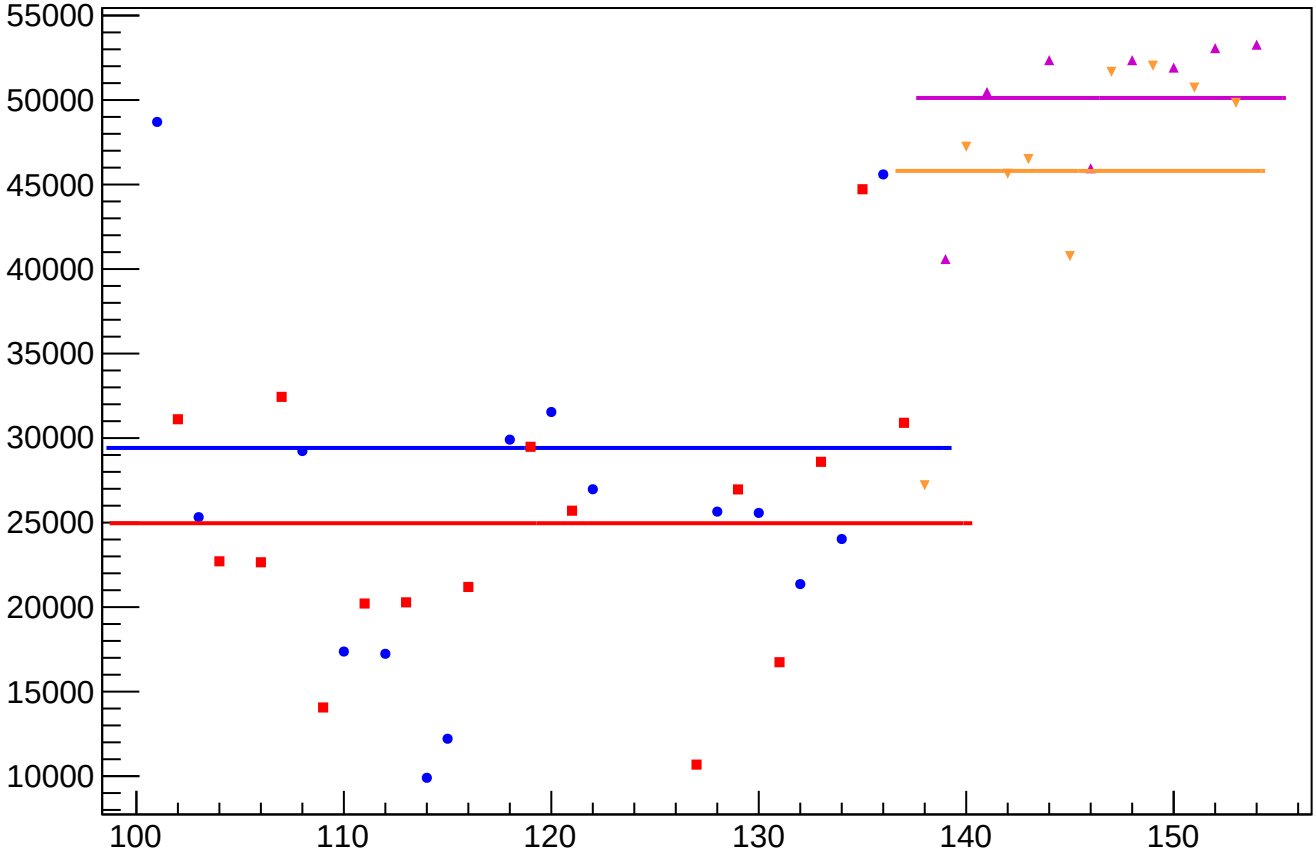
Right In: 687.939+/-0.000 χ^2/NDF: 409297141104301509817753390759024787456.0/14
+ sign 698.743+/-0.000 χ^2/NDF: 432653351459035
Left Out: 709.085+/-0.000 χ^2/NDF:232079379725899865197259786898500485 12.0/8
All: 813.615+/-0.000 χ^2/NDF: 241414393916
Right Out: 1092.265+/-0.000 χ^2/NDF: 188319814292960581345623381294694845 6448.0/15
- sign 926.031+/-0.000 χ^2/NDF: 194684374137668
Left In: 765.105+/-0.000 χ^2/NDF:273707665523292481622710382437408440 32.0/7

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5
Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932
Left Out: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Left Out: 45806.202+/-0.000 χ^2/NDF:384246950854645855979548463229422356398 08.0/8

Right Out: 24963.010+/-0.000 χ^2/NDF: 456315729201221719728359616854943156142 08.0/15

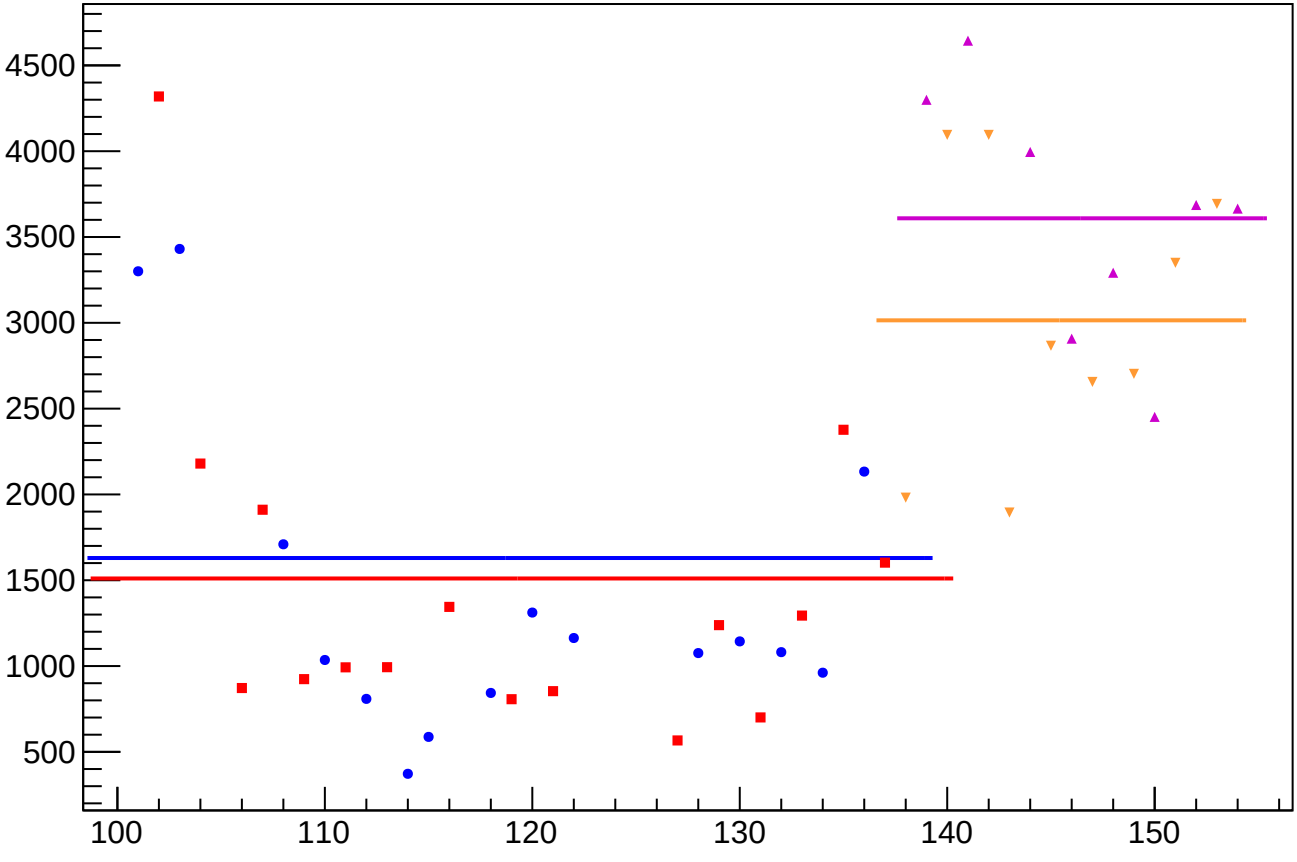
Left In: 50122.928+/-0.000 χ^2/NDF:116008443958612173047545499352666891878 40.0/7

+ sign 37790.112+/-0.000 χ^2/NDF: 199269869611 8

All: 37768.358+/-0.000 χ^2/NDF: 4710413257

- sign 37747.069+/-0.000 χ^2/NDF: 2717702135458

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Left Out: 3014.483+/-0.000 χ^2/NDF:3845283493651571387754509228202314956 80.0/8

Right Out: 1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

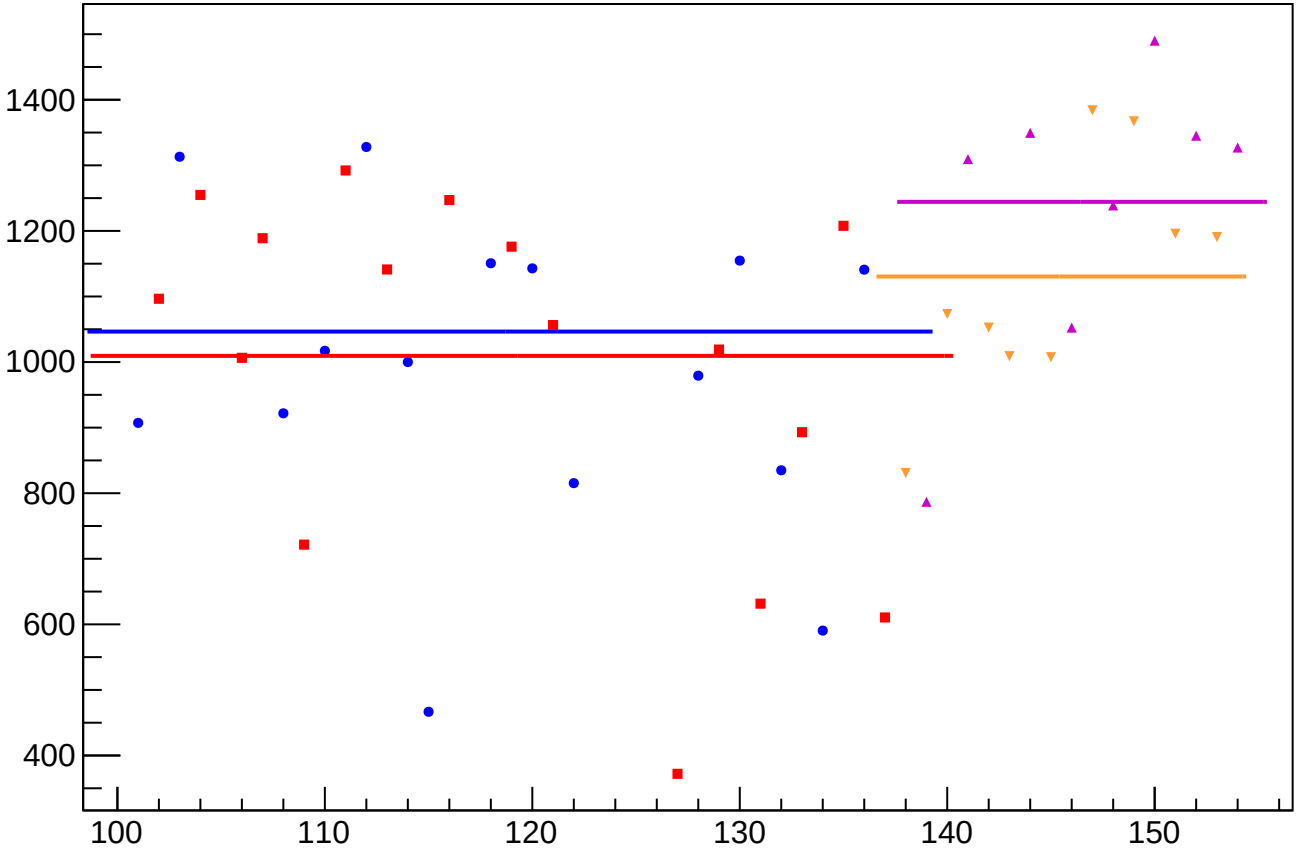
Left In: 3608.996+/-0.000 χ^2/NDF:3149037353688114345826384383662012497 92.0/7

+ sign 2337.146+/-0.000 χ^2/NDF: 1572280160416 4

All: 2458.202+/-0.000 χ^2/NDF: 4106644381 7

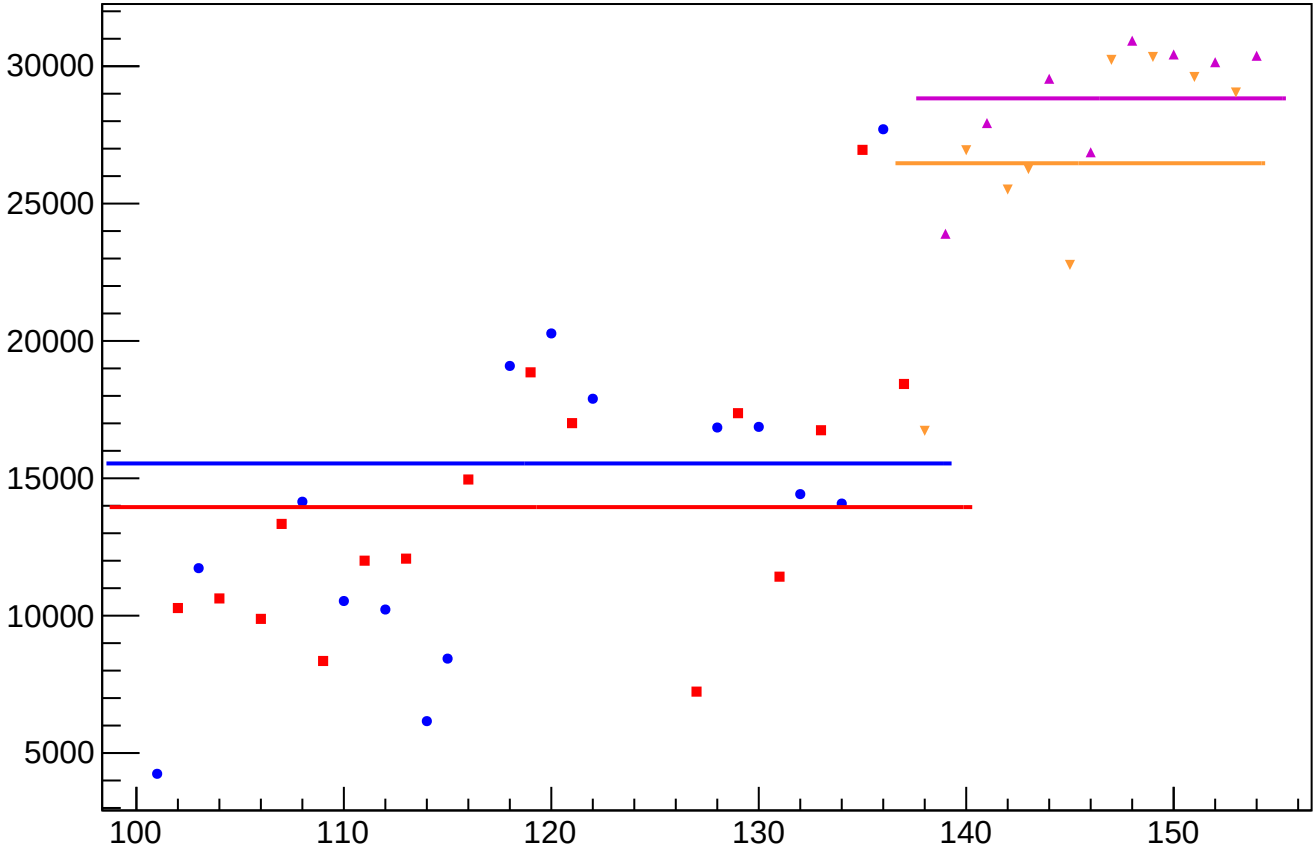
- sign 2576.670+/-0.000 χ^2/NDF: 2495886683025 6

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5
Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932
Left Out: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14

Left Out: 26468.657+/-0.000 χ^2/NDF:1225664843150699259402780778924821446656 0.0/8

Right Out: 13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15

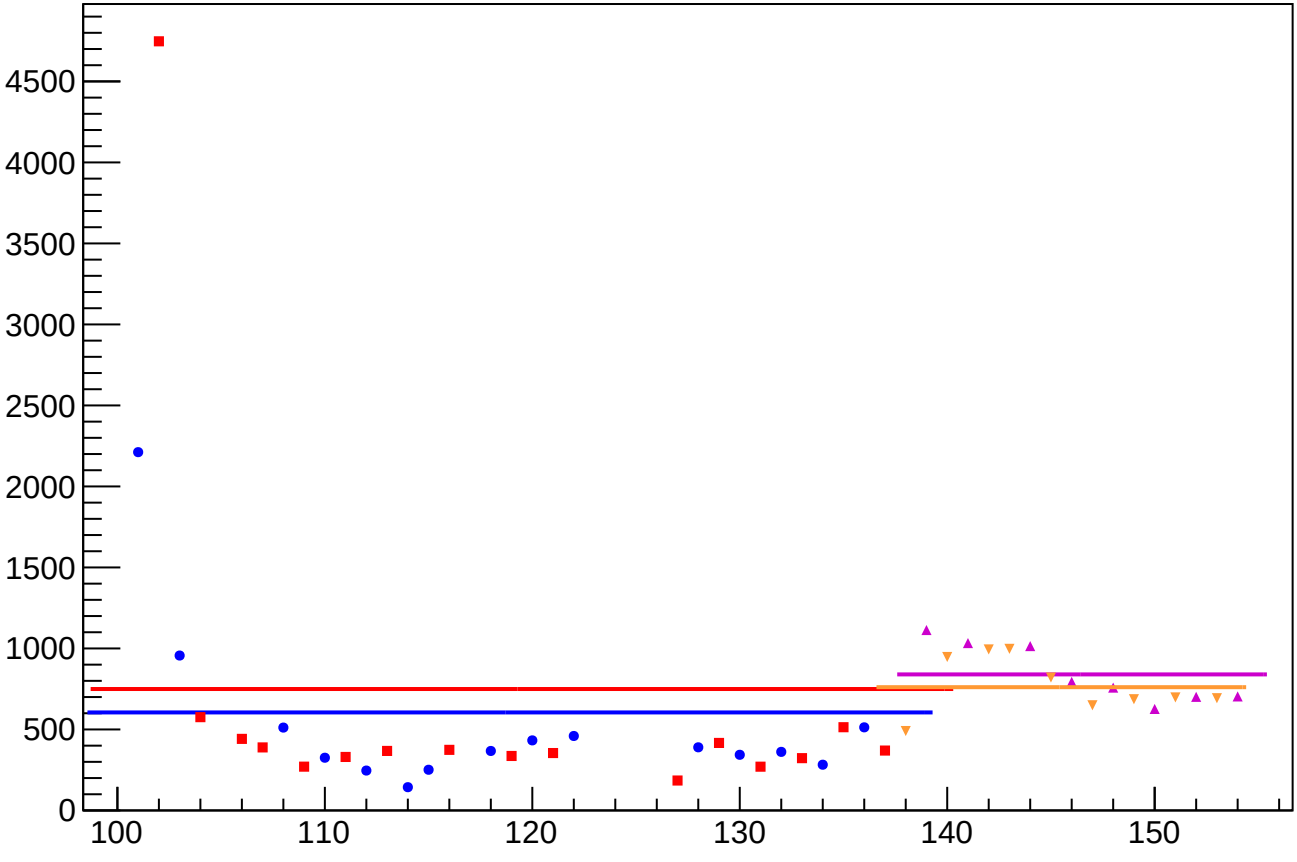
Left In: 28829.681+/-0.000 χ^2/NDF:3368599030603175586194039704097254277120.0/7

+ sign 21124.130+/-0.000 χ^2/NDF: 7923840067269

All: 21319.873+/-0.000 χ^2/NDF: 1746800330

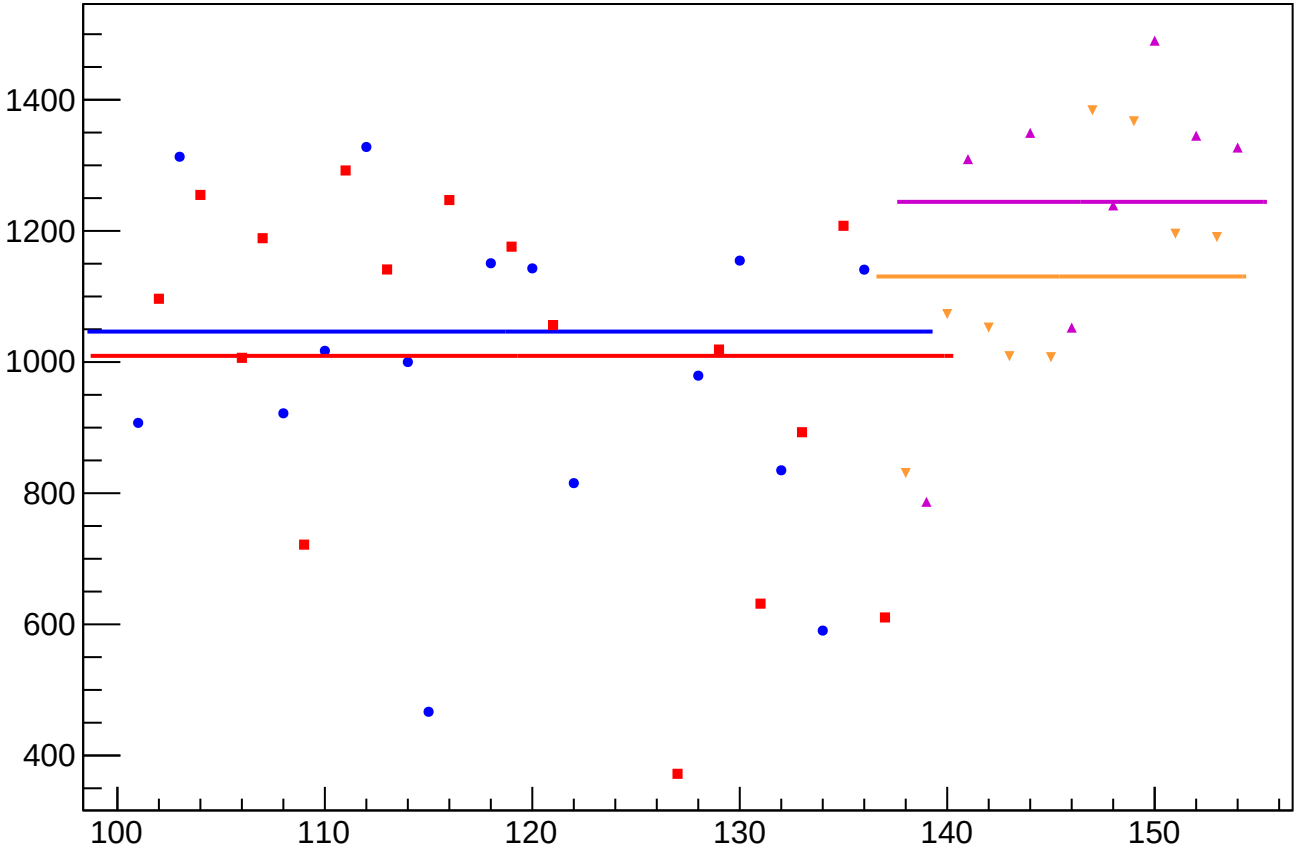
- sign 21511.431+/-0.000 χ^2/NDF: 9534103024958

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
+ sign 684.658+/-0.000 χ^2/NDF: 2146943931142 32
Left Out: 760.876+/-0.000 χ^2/NDF:1723956904679341091322233806081805516 8.0/8
All: 740.629+/-0.000 χ^2/NDF: 1267193021 64
Right Out: 749.582+/-0.000 χ^2/NDF: 1021358768377495935693748779804344188928.0/15
- sign 795.402+/-0.000 χ^2/NDF: 1044273326788 66
Left In: 839.759+/-0.000 χ^2/NDF:2015858493600080826092992132687488 6144.0/7

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5

Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8

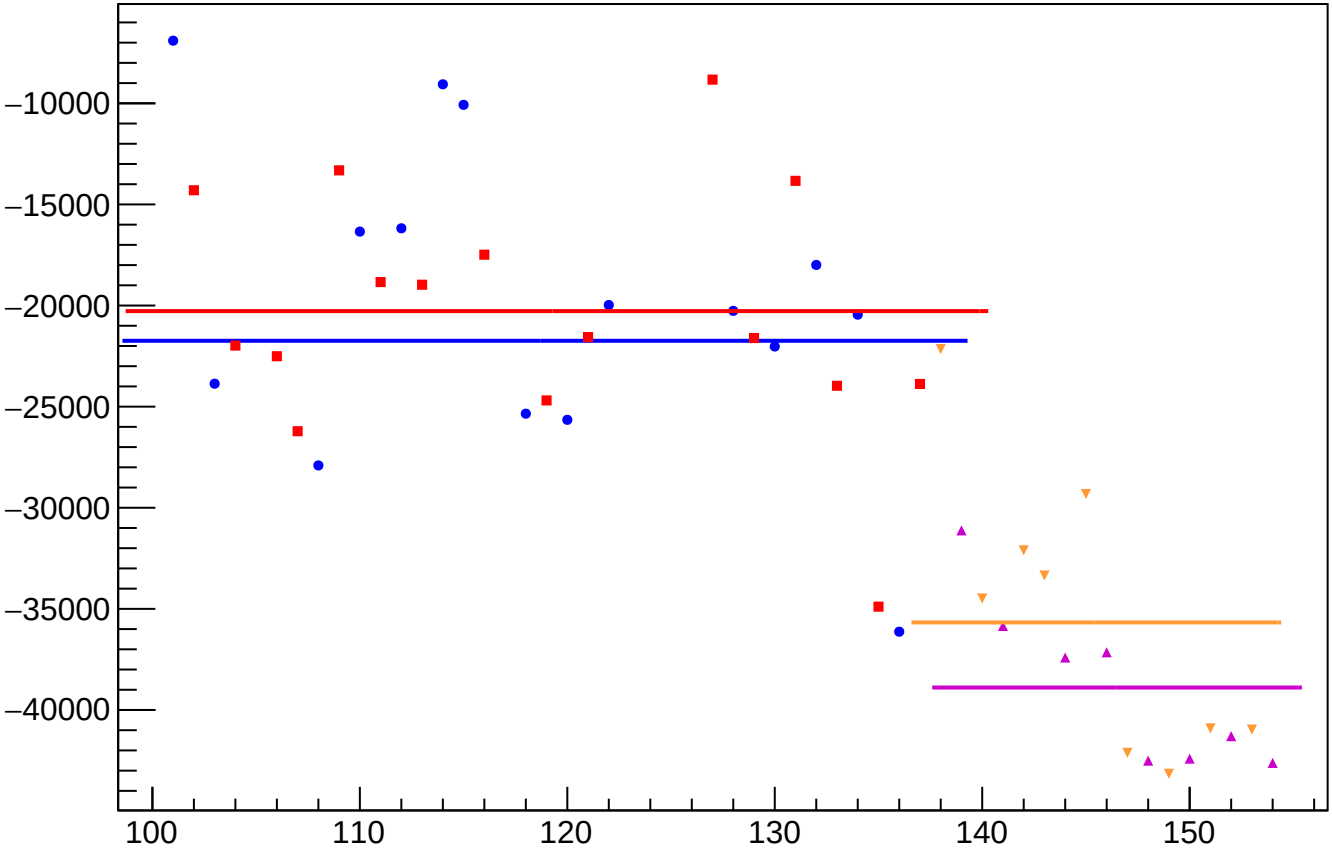
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932

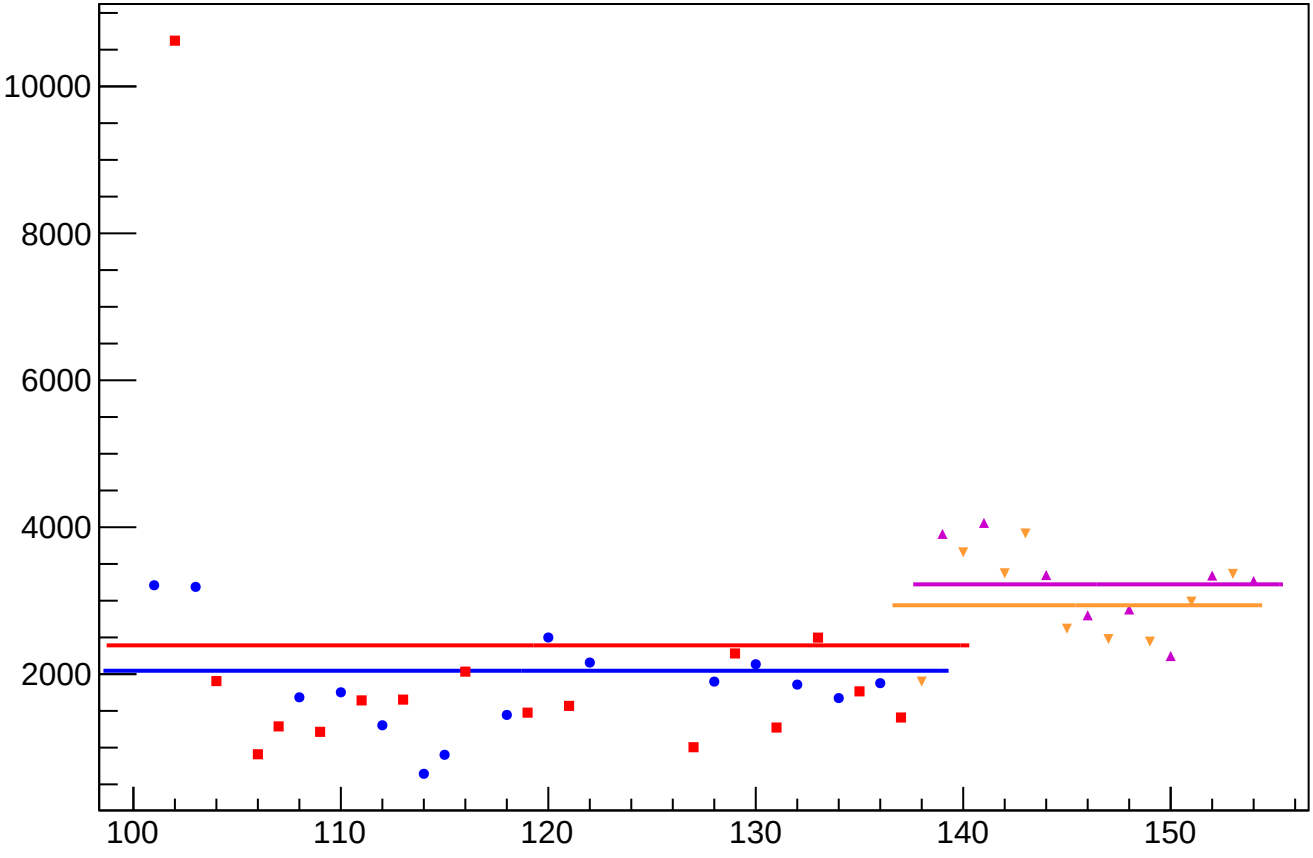
Left In: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF: 4110685882357952732519867567539879306854 4.0/14
+ sign -28859.294+/-0.000 χ^2/NDF: 136455917108
Left Out: -35670.860+/-0.000 χ^2/NDF:3102849709786150354696103569499191508992 0.0/8
All: -29301.051+/-0.000 χ^2/NDF: 290419009
Right Out: -20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15
- sign -29733.360+/-0.000 χ^2/NDF: 1534507047427
Left In: -38889.311+/-0.000 χ^2/NDF:1009001176799851693395181823585209129369 6.0/7

dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

+ sign 2501.810+/-0.000 χ^2/NDF: 79048056669903

Left Out: 2937.785+/-0.000 χ^2/NDF:260425864865743426934820648380478259200.0/8

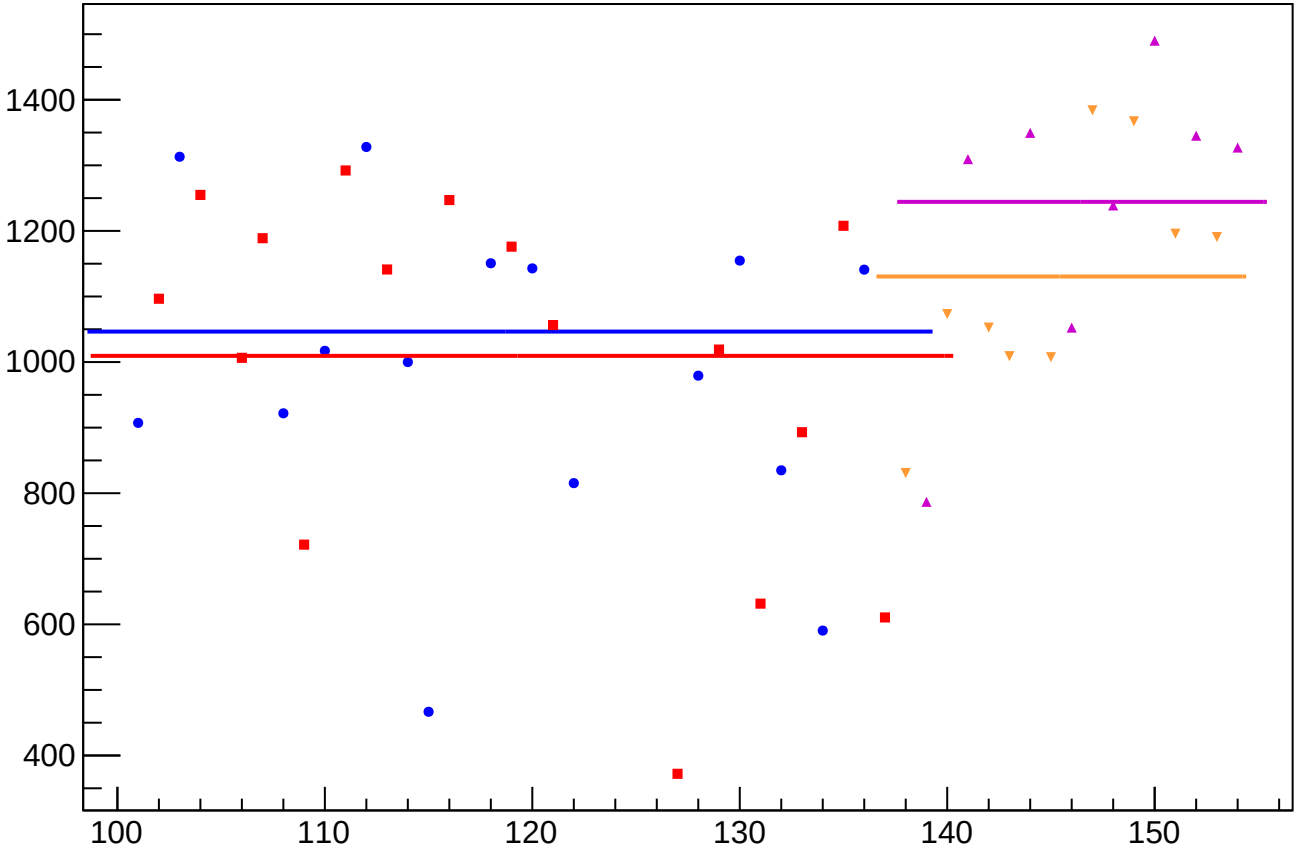
All: 2659.592+/-0.000 χ^2/NDF: 5716708903

Right Out: 2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15

- sign 2813.999+/-0.000 χ^2/NDF: 48608636389319

Left In: 3222.582+/-0.000 χ^2/NDF:211731435672313606140172887379572424704.0/7

dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5

Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8

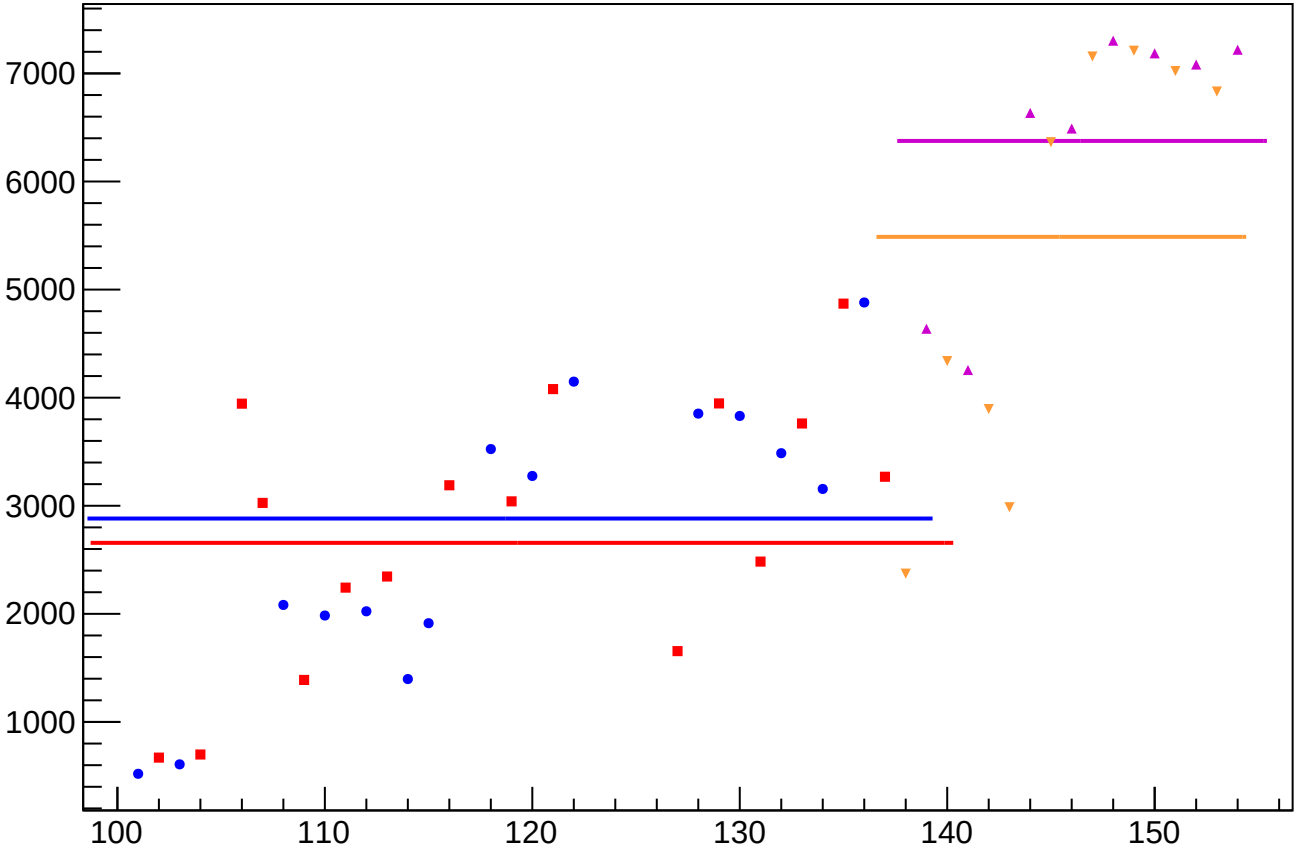
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932

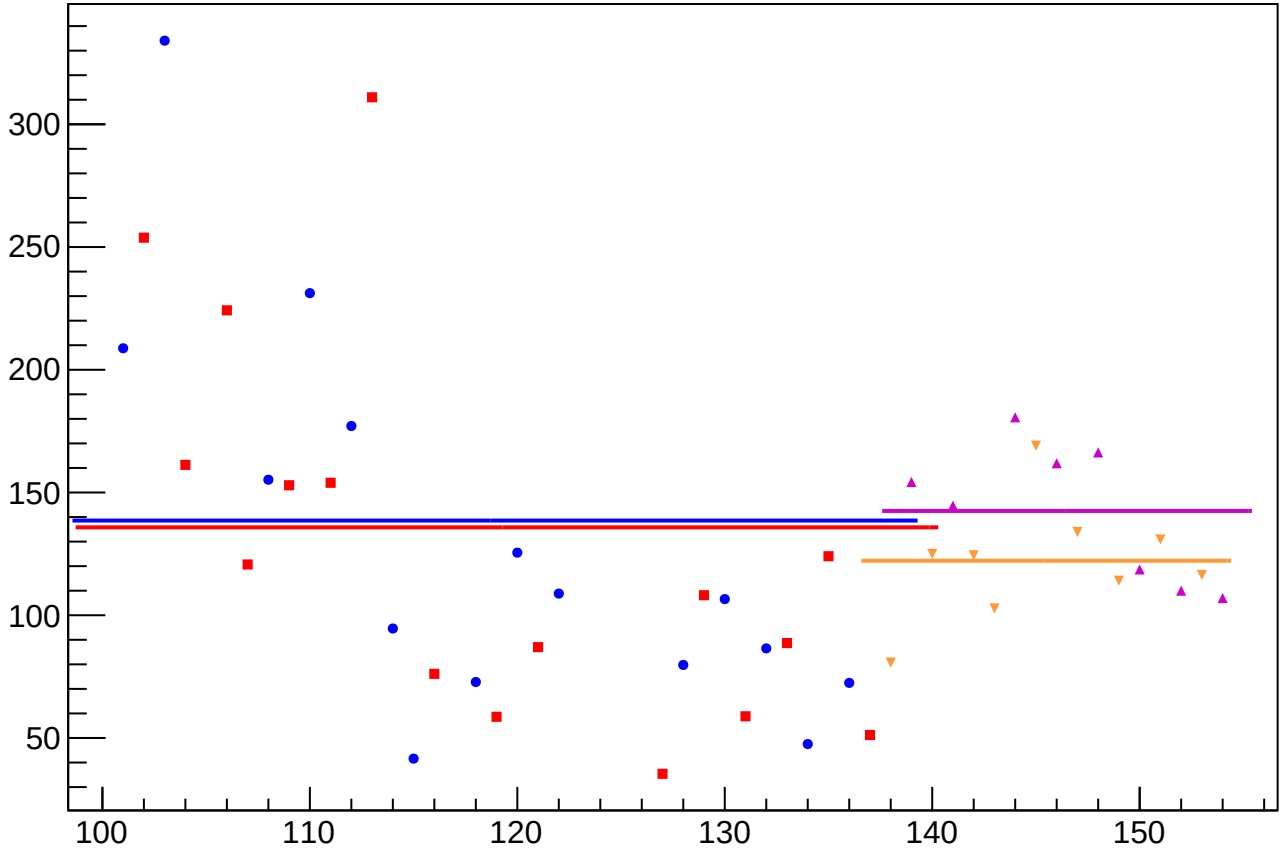
Left In: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_sam1_coil1_mean vs Slug



Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14
+ sign 4213.349+/-0.000 χ^2/NDF: 58370868148771
Left Out: 5487.814+/-0.000 χ^2/NDF:2265059786101384715539755538804891451392.0/8
All: 4381.623+/-0.000 χ^2/NDF: 1254741283
Right Out: 2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15
- sign 4546.299+/-0.000 χ^2/NDF: 66359783090259
Left In: 6375.351+/-0.000 χ^2/NDF:8722509285669823243755797447681171783 68.0/7

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000 χ^2/NDF: 424236988997981137388377402133551513 6.0/14

Left Out: 122.204+/-0.000 χ^2/NDF:36329056274343580724259901129149644 8.0/8

Right Out: 135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736437 76.0/15

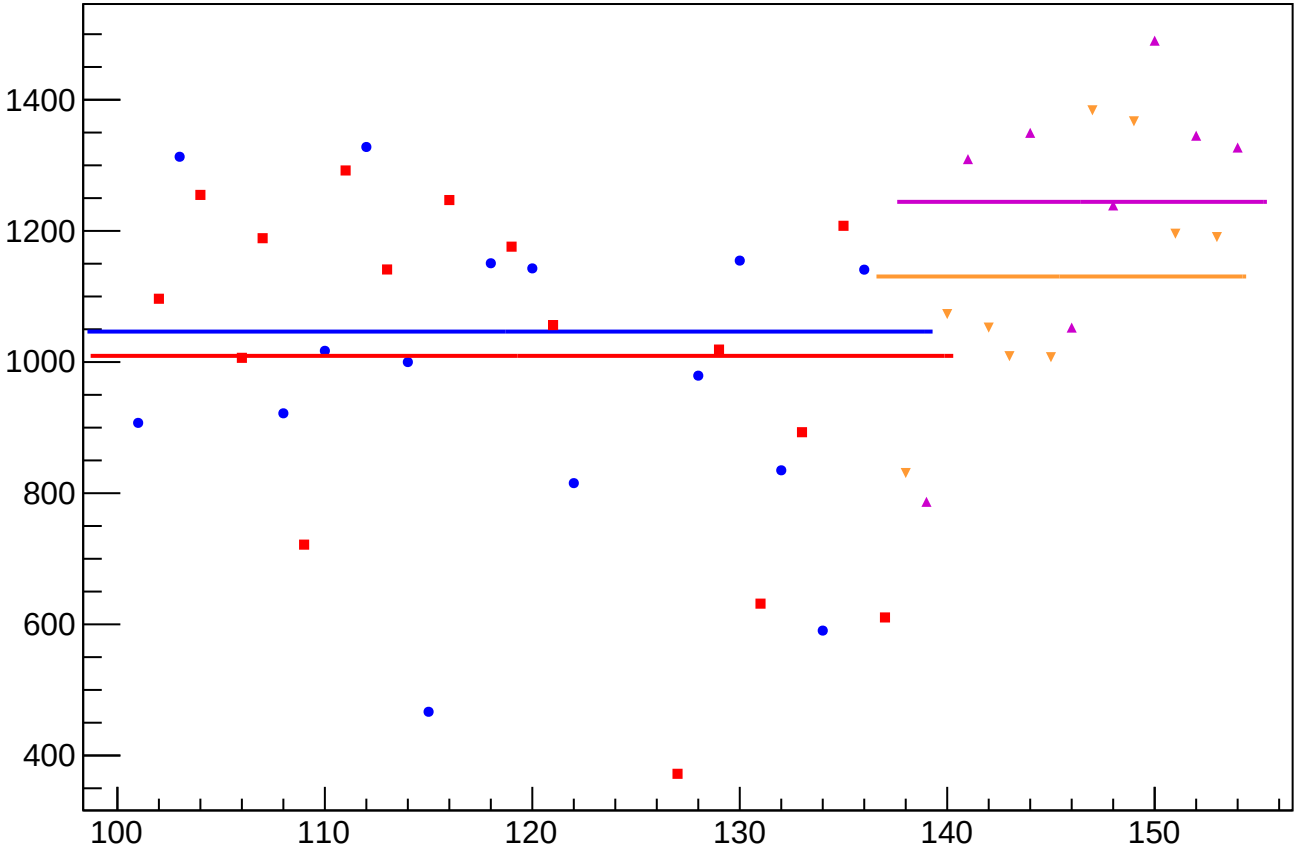
Left In: 142.485+/-0.000 χ^2/NDF:47574975903476417543152160782208204 8.0/7

+ sign 130.211+/-0.000 χ^2/NDF: 469455872296509

All: 134.755+/-0.000 χ^2/NDF: 919601804948

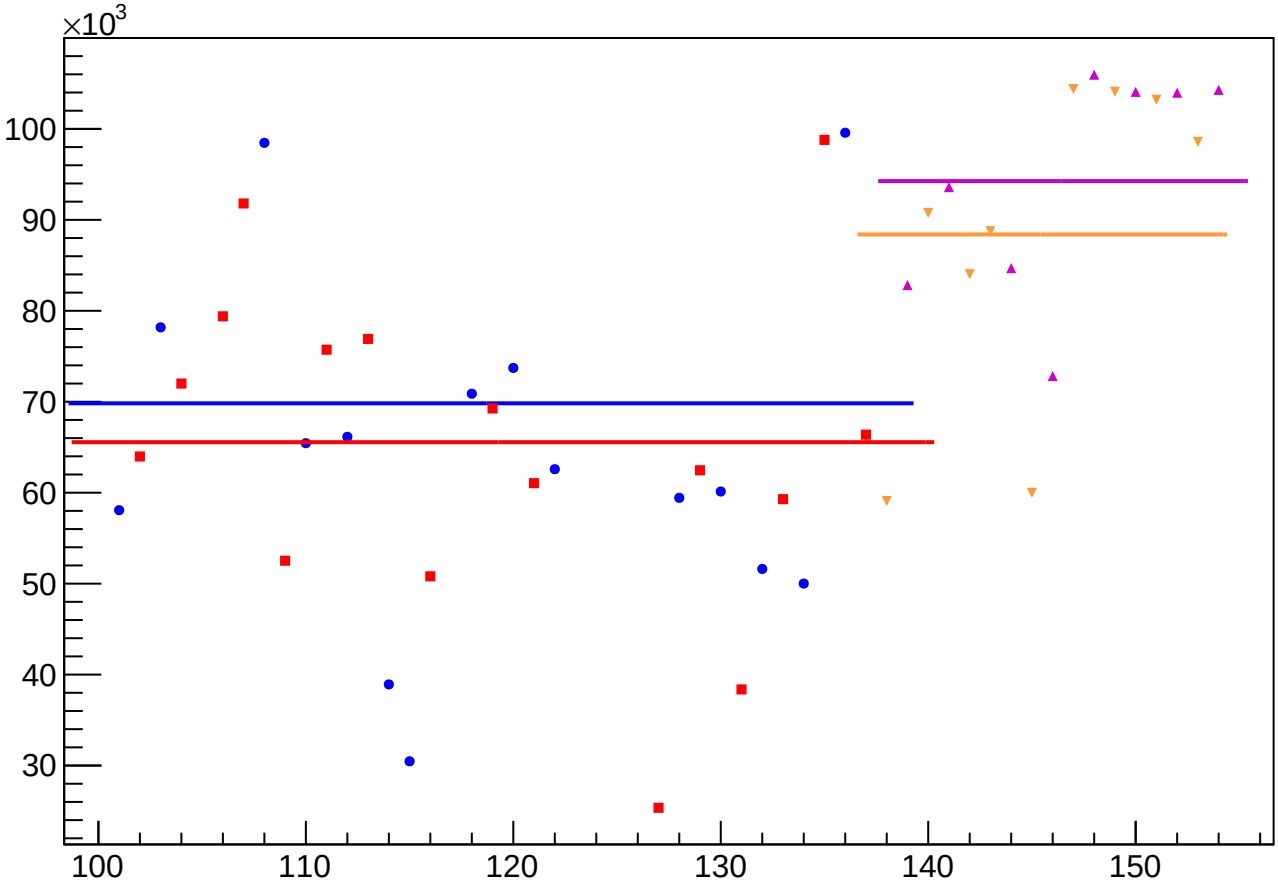
- sign 139.201+/-0.000 χ^2/NDF: 444725929787909

dit_sam1_coil1_Ndata_mean vs Slug



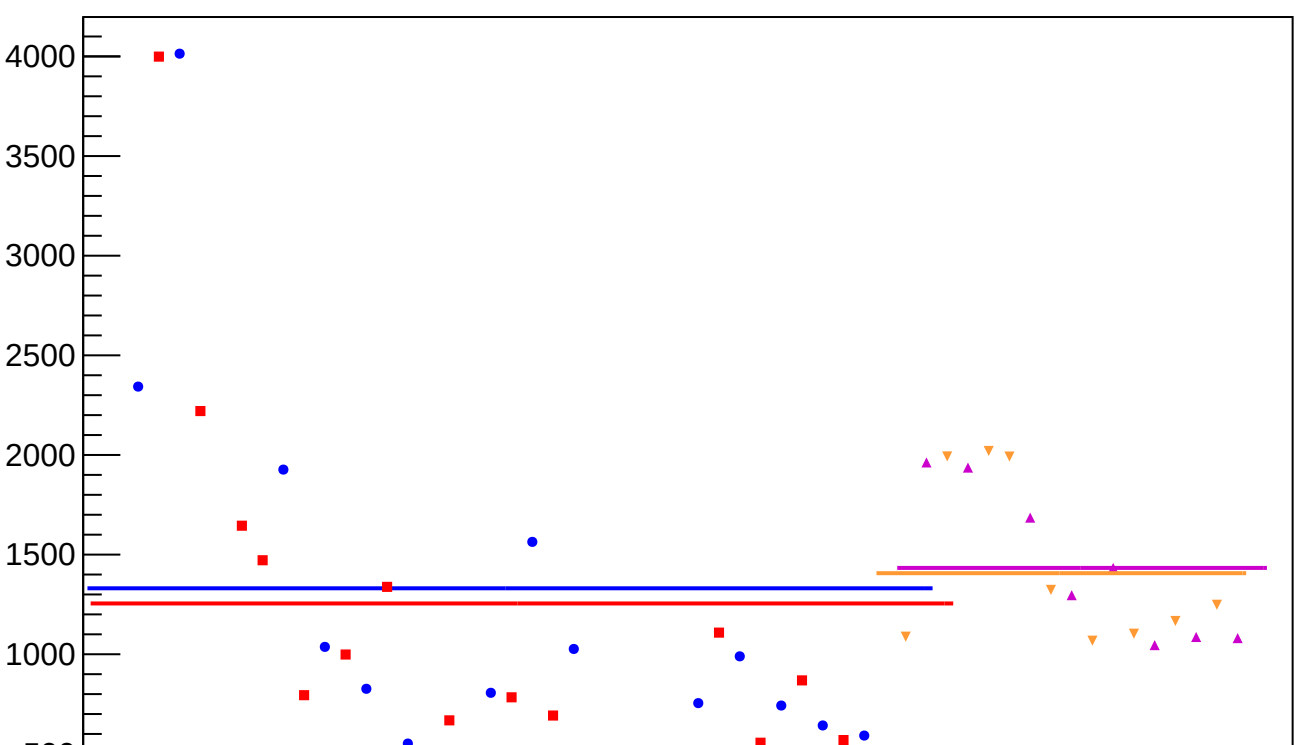
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5
Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302 5664.0/8
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932
Left In: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618 3552.0/7

dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000 χ^2/NDF: 1878032821164931311976840605412889261506 56.0/14
+ sign 79313.799+/-0.000 χ^2/NDF: 5021652270757
Left Out: 88394.057+/-0.000 χ^2/NDF:2000603436461279212373595553033926863749 12.0/8
All: 79732.647+/-0.000 χ^2/NDF: 1088302910
Right Out: 65555.147+/-0.000 χ^2/NDF: 2120014678113867509106257831959997416734 72.0/15
- sign 80142.538+/-0.000 χ^2/NDF: 5856770602898
Left Out: 94264.148+/-0.000 χ^2/NDF:9434306421785691775299321608652216021811 2.0/7

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14

+ sign 1369.680+/-0.000 χ^2/NDF: 7515239910387

Left Out: 1406.748+/-0.000 χ^2/NDF:1001379247247855587710555458147356508 16.0/8

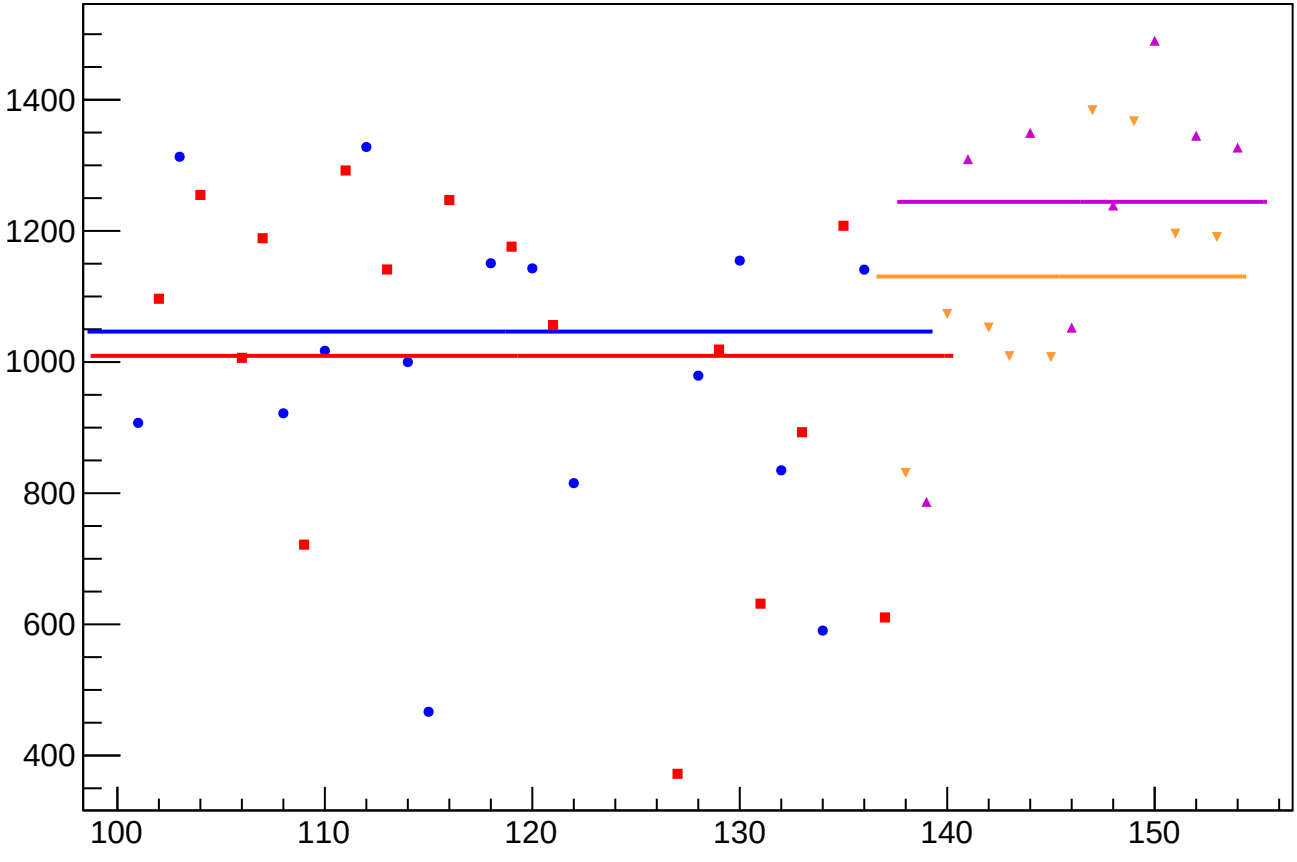
All: 1357.464+/-0.000 χ^2/NDF: 1481456377

Right Out: 1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617 65632.0/15

- sign 1345.509+/-0.000 χ^2/NDF: 72954053833020

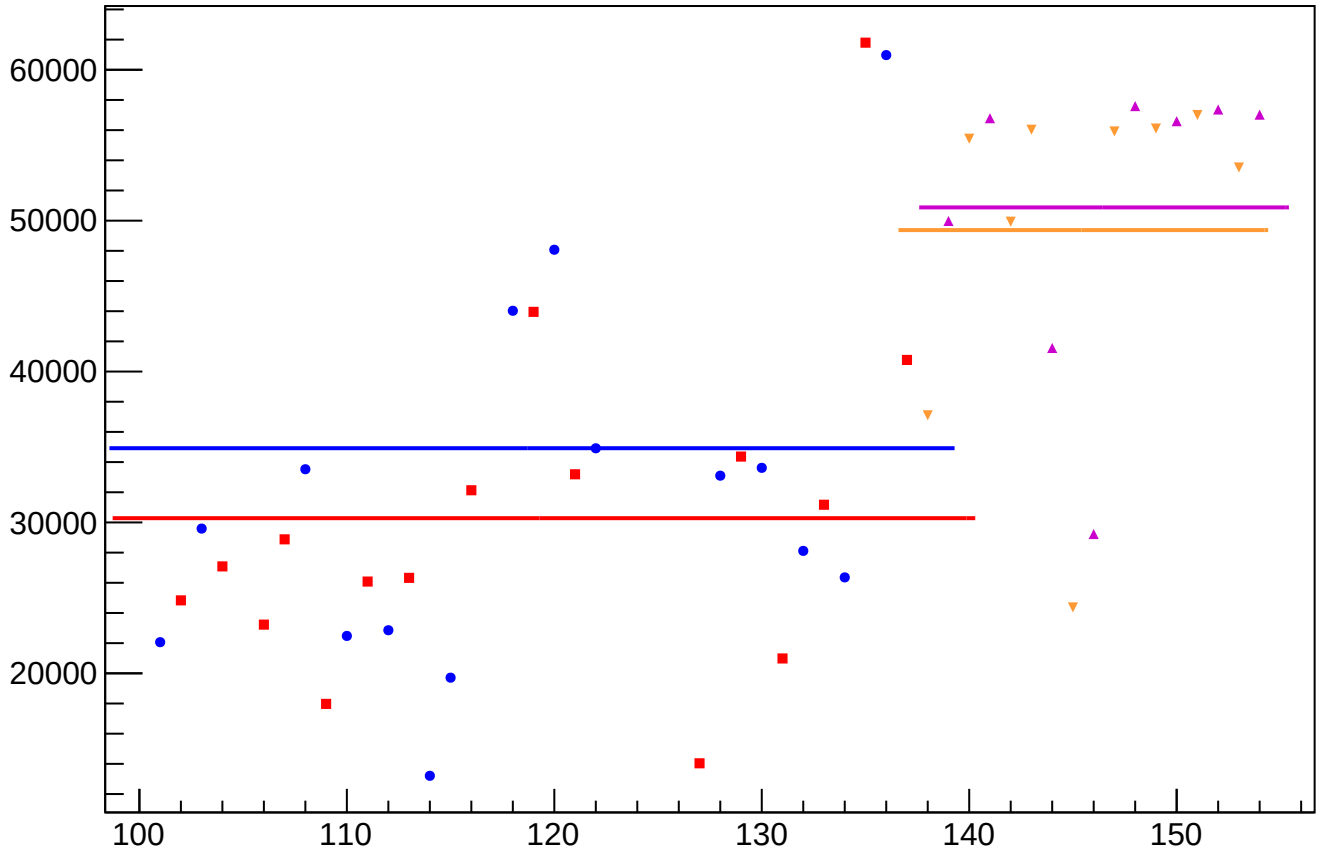
Left In: 1433.252+/-0.000 χ^2/NDF:866164167463808368867524417141384151 04.0/7

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5
Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1128.788+/-0.000 χ^2/NDF: 9164318721593 2
Left In: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

+ sign 42305.352+/-0.000 χ^2/NDF: 2571484591048

Left Out: 49375.085+/-0.000 χ^2/NDF:8147246659579144878759675442193860499865 6.0/8

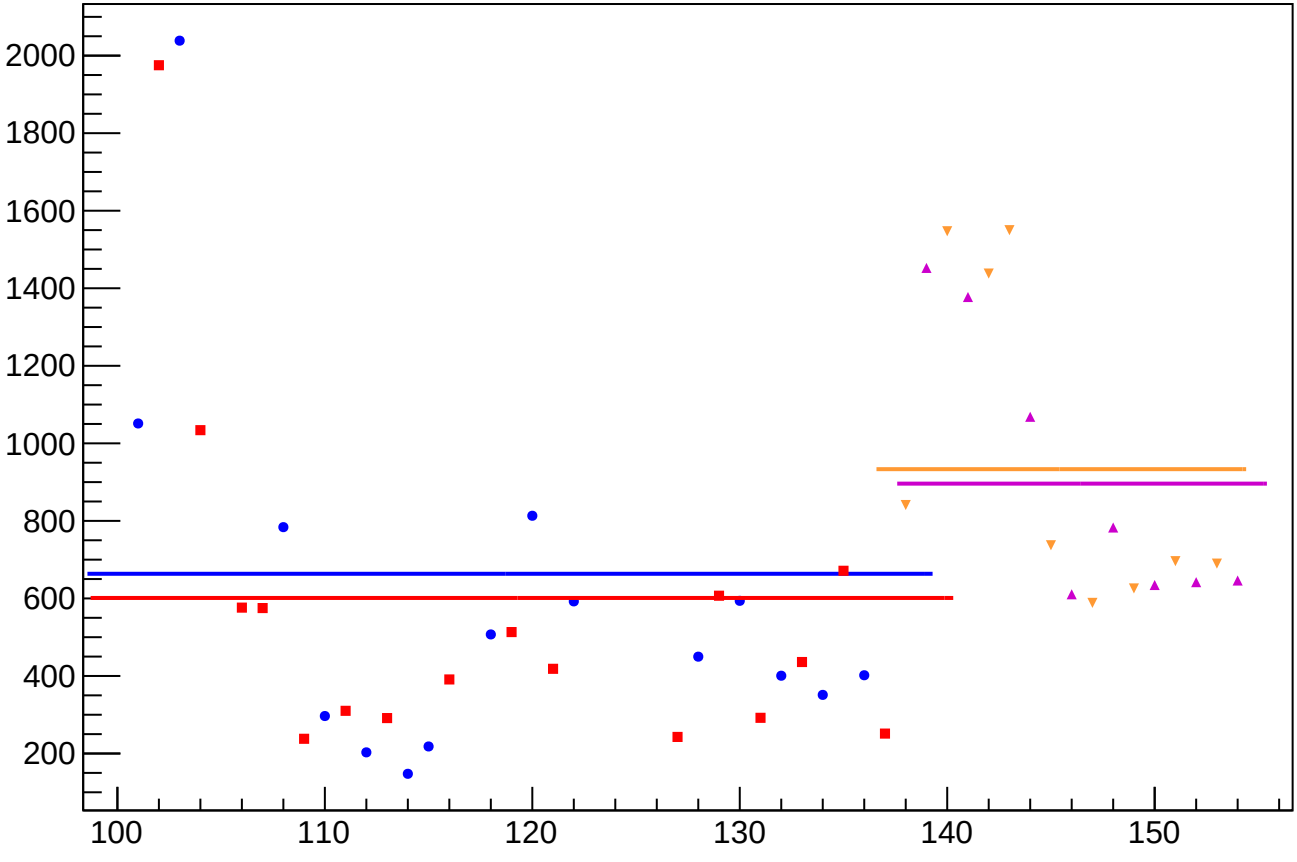
All: 41517.969+/-0.000 χ^2/NDF: 5543212900

Right Out: 30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

- sign 40747.426+/-0.000 χ^2/NDF: 2955450202024

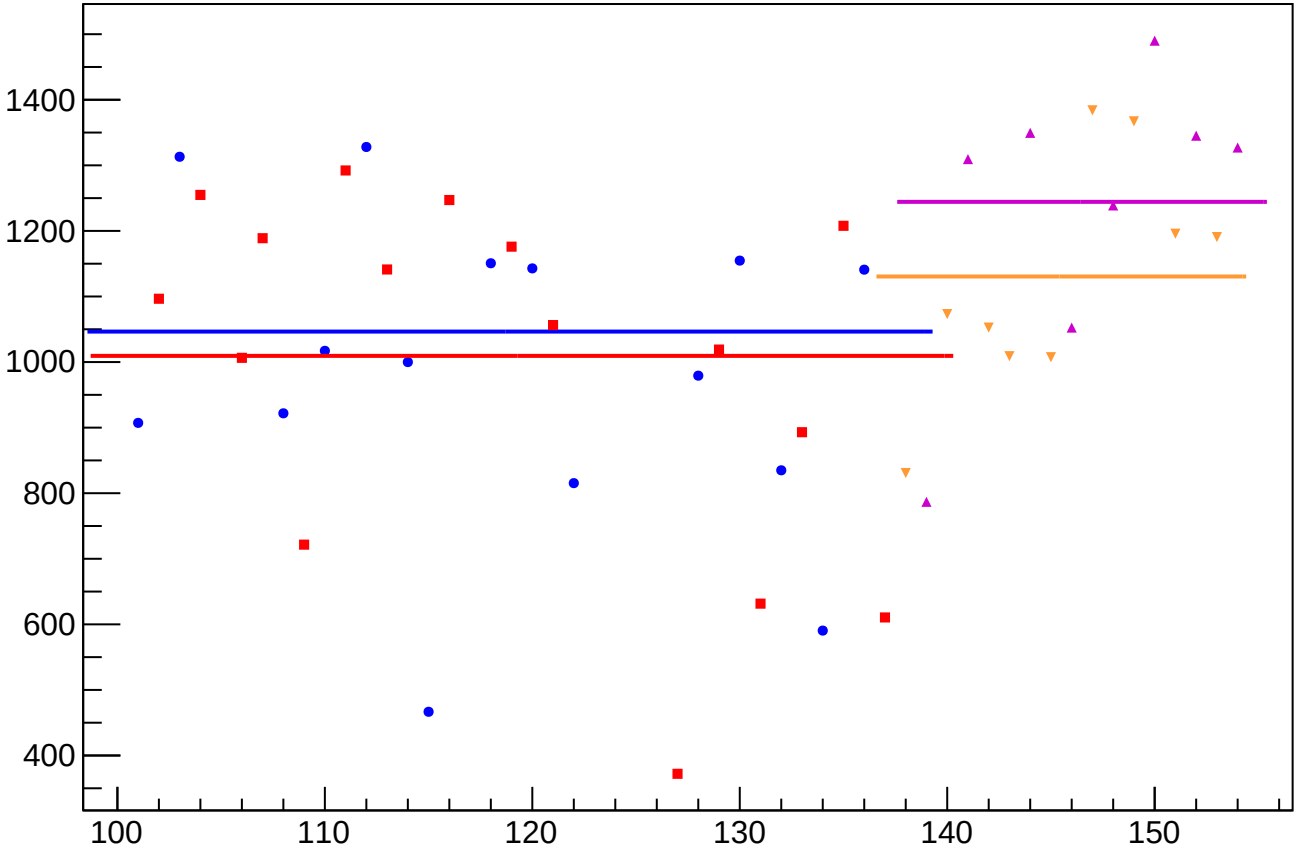
Left In: 50878.326+/-0.000 χ^2/NDF:6343519123337086107524210745923774447616 0.0/7

dit_sam3_coil1_err_mean vs Slug



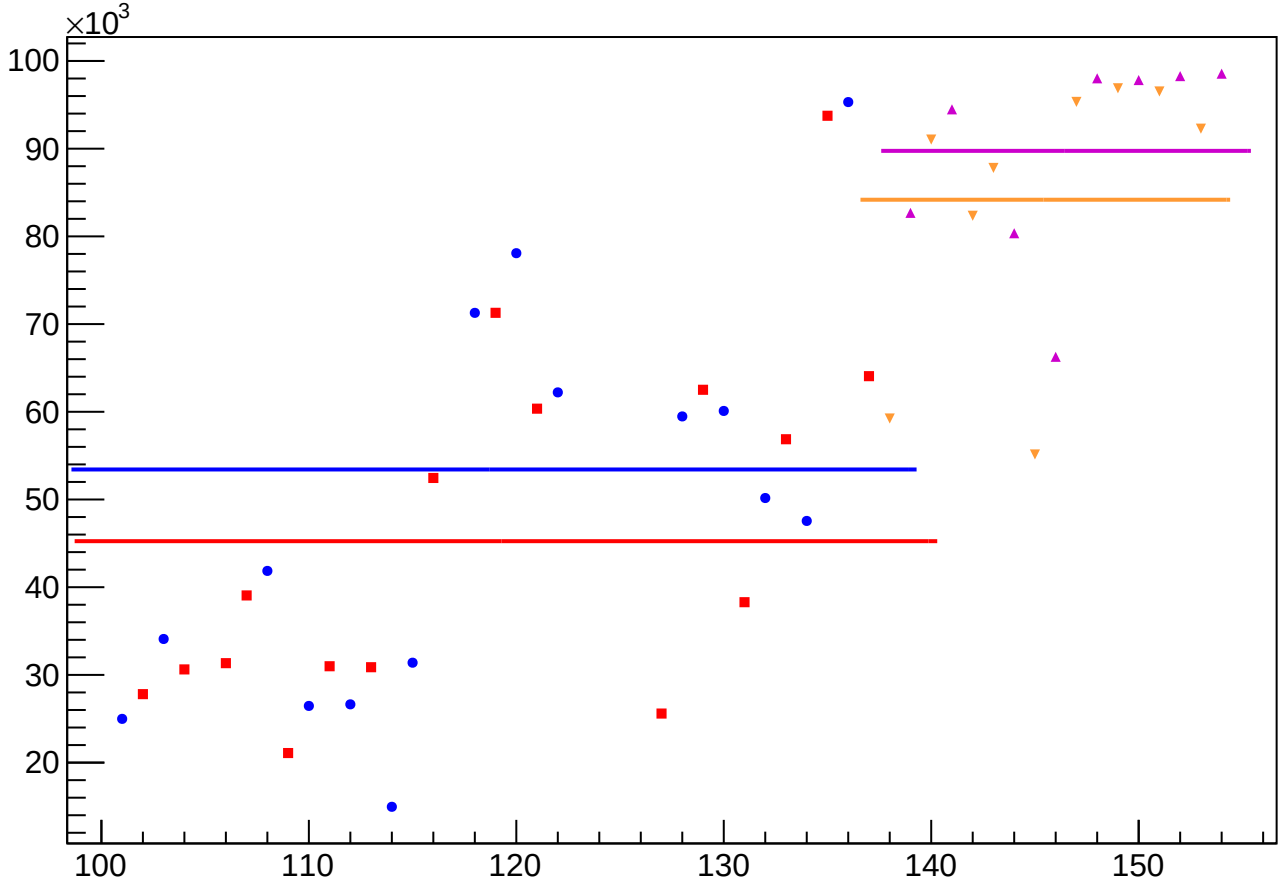
Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
+ sign 801.434+/-0.000 χ^2/NDF: 280271628483763
Left Out: 933.397+/-0.000 χ^2/NDF:984383877418590148653405936713130311 68.0/8
All: 775.966+/-0.000 χ^2/NDF: 53380950173 5
Right Out: 601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318 78144.0/15
- sign 751.044+/-0.000 χ^2/NDF: 251834956636719
Left In: 896.088+/-0.000 χ^2/NDF:7264902109343109802664943835490444 9024.0/7

dit_sam3_coil1_Ndata_mean vs Slug



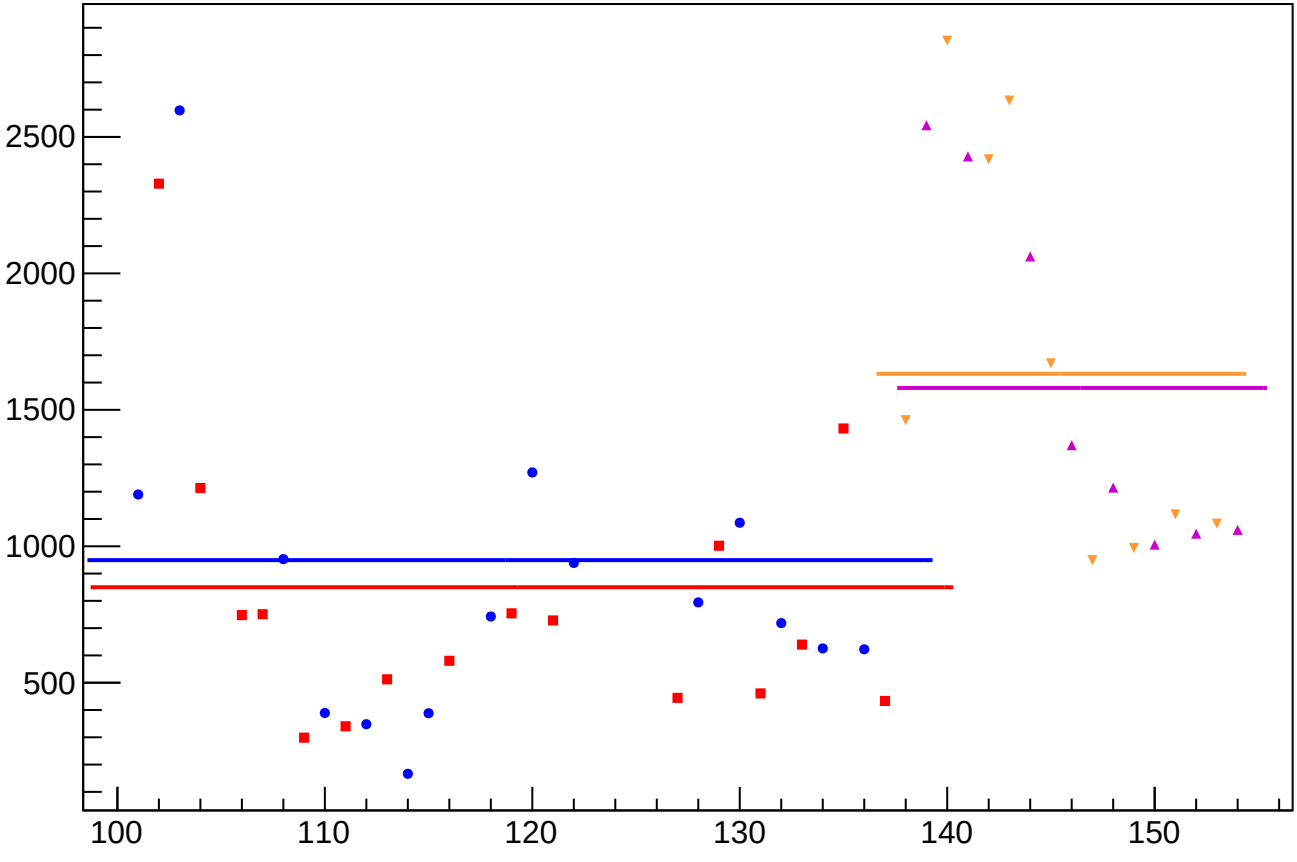
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5
Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932
Left Out: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF: 360635757315133800133751123167777346551808.0/14
+ sign 69136.774+/-0.000 χ^2/NDF: 836639286556
Left Out: 84178.950+/-0.000 χ^2/NDF:162330457816447985549446702554791819608064.0/8
All: 68491.477+/-0.000 χ^2/NDF: 187945439
Right Out: 45247.617+/-0.000 χ^2/NDF: 286060196488034430215784613374055547928576.0/15
- sign 67859.981+/-0.000 χ^2/NDF: 1041721782378
Left In: 89750.326+/-0.000 χ^2/NDF:844518374094293746803207496761441391738 88.0/7

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

+ sign 1298.017+/-0.000 χ^2/NDF: 7171232741175 1

Left Out: 1631.917+/-0.000 χ^2/NDF:3368752492427560387374654112591710781 44.0/8

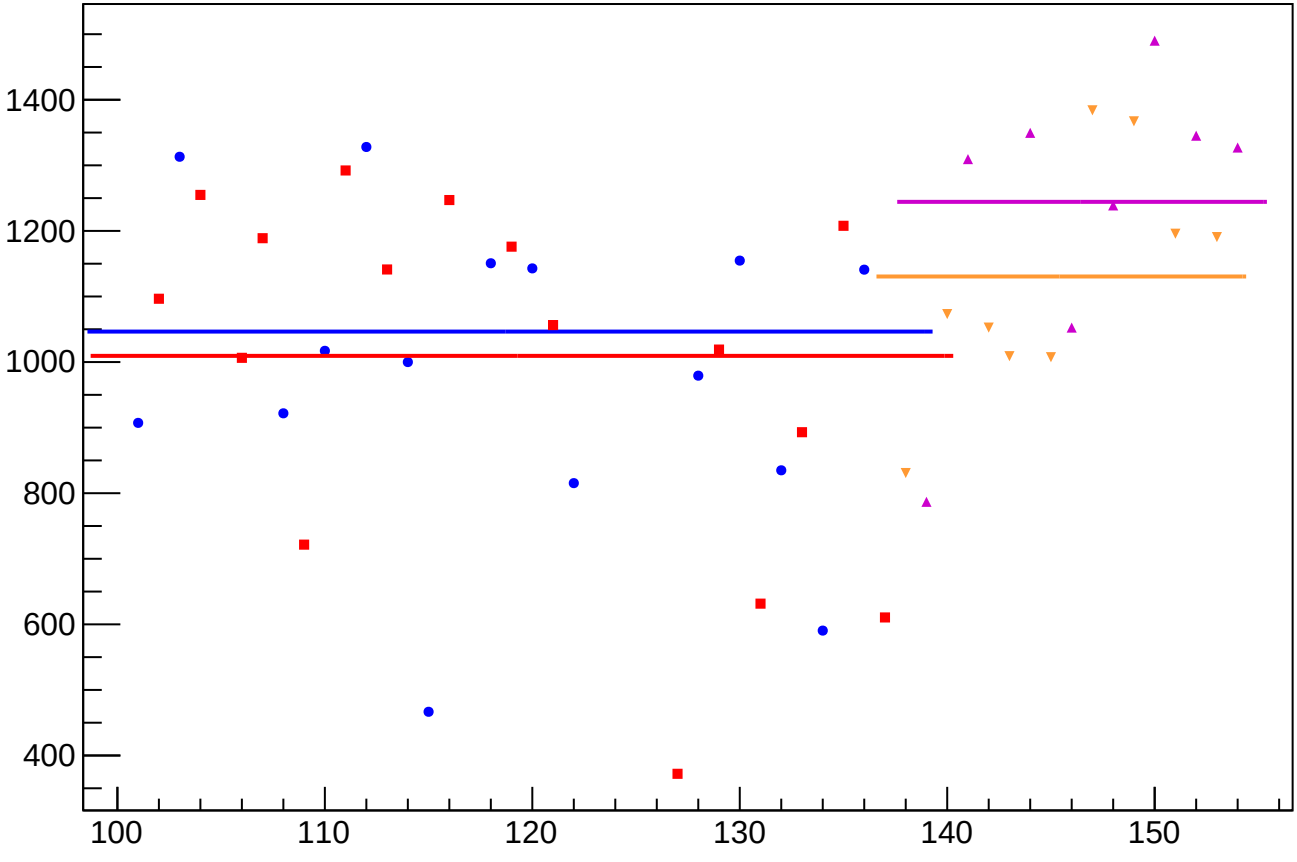
All: 1259.041+/-0.000 χ^2/NDF: 1357156433 8

Right Out: 849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

- sign 1220.898+/-0.000 χ^2/NDF: 6360444942015 1

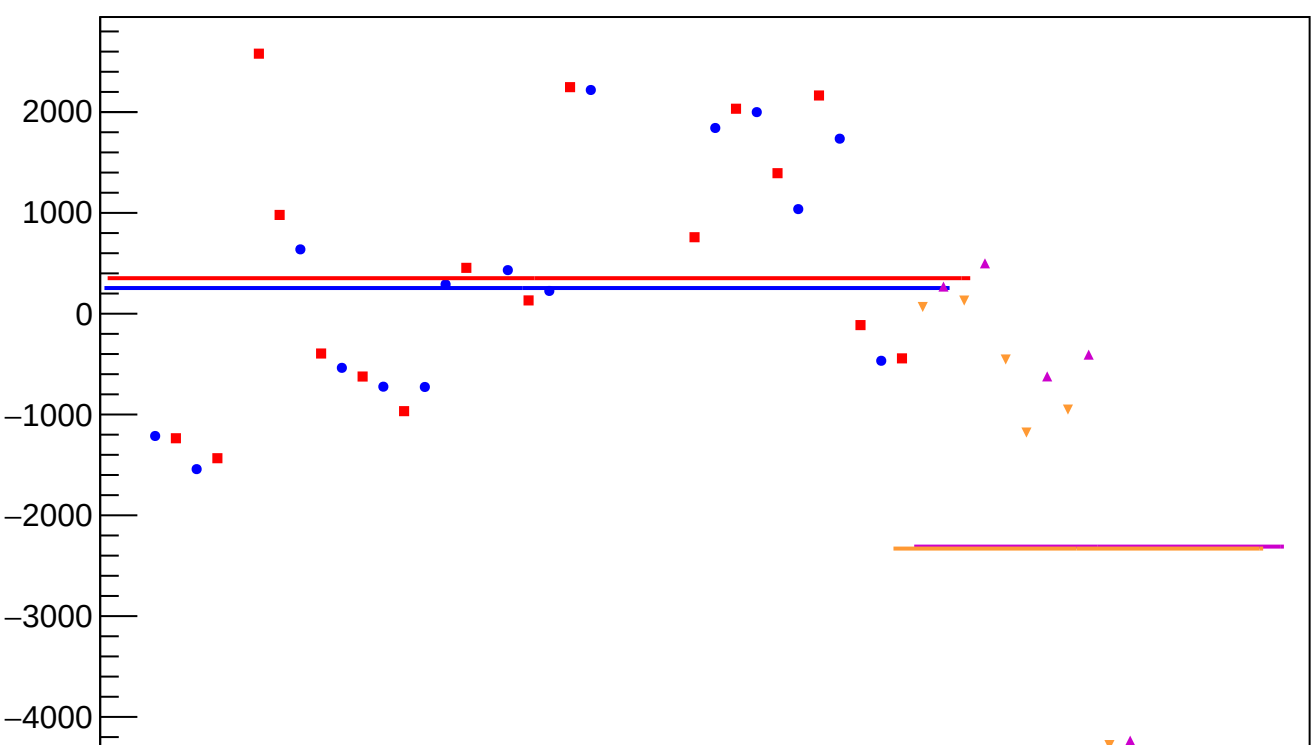
Left In: 1580.122+/-0.000 χ^2/NDF:2506706269015829895273937697841411522 56.0/7

dit_sam4_coil1_Ndata_mean vs Slug



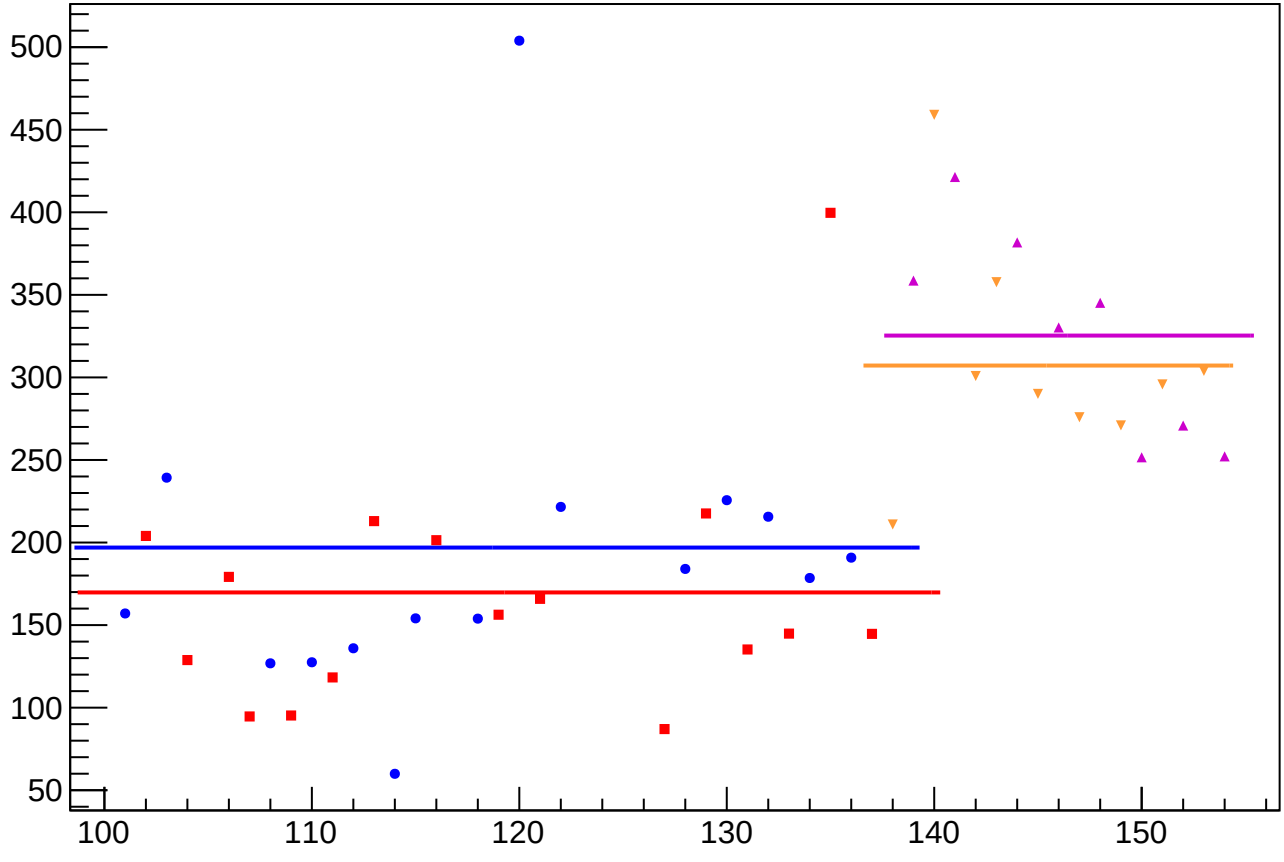
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5
Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932
Left In: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14
+ sign -1065.950+/-0.000 χ^2/NDF: 5903446719639
Left Out: -2329.996+/-0.000 χ^2/NDF:2710004182697076062453992548645231132672.0/8
All: -1032.938+/-0.000 χ^2/NDF: 1281347837
Right Out: 352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
- sign -1000.633+/-0.000 χ^2/NDF: 69071702867182
Left In: -2310.373+/-0.000 χ^2/NDF:3403523723154192096821482374544276586496.0/7

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000 χ^2/NDF: 448524516032965791462137242583878860 8.0/14

Left Out: 307.190+/-0.000 χ^2/NDF:300724126612816104113522420792426496 0.0/8

Right Out: 169.778+/-0.000 χ^2/NDF: 389260944549484578449355864638541004 8.0/15

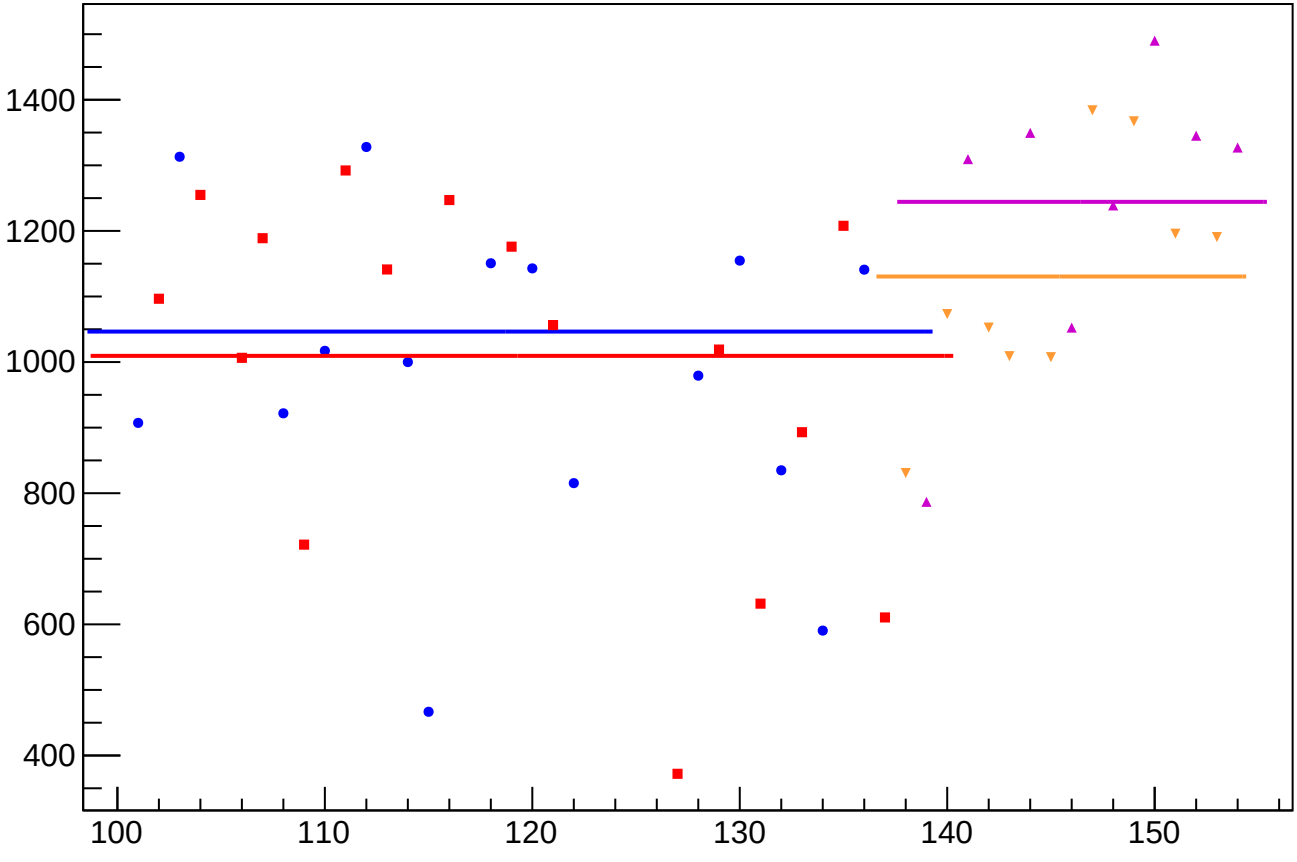
Left In: 325.338+/-0.000 χ^2/NDF:242160875224930279271909469381774540 8.0/7

+ sign 253.277+/-0.000 χ^2/NDF: 115219016397962

All: 251.024+/-0.000 χ^2/NDF: 26050669068 2

- sign 248.820+/-0.000 χ^2/NDF: 145154414652770

dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5

Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8

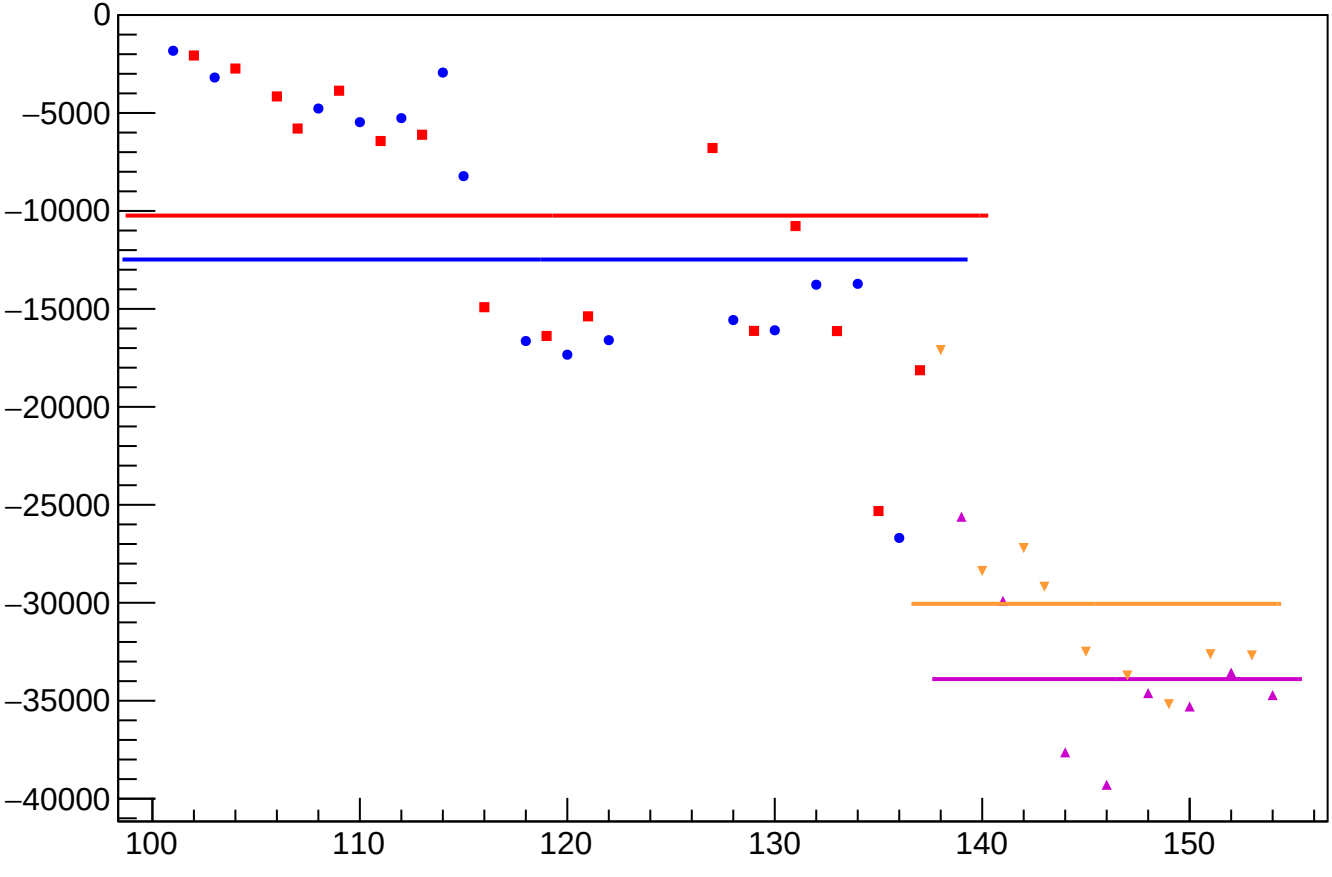
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932

Left In: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Left Out: -30051.778+/-0.000 χ^2/NDF:185714131582480641628212972560729421905 92.0/8

Right Out: -10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

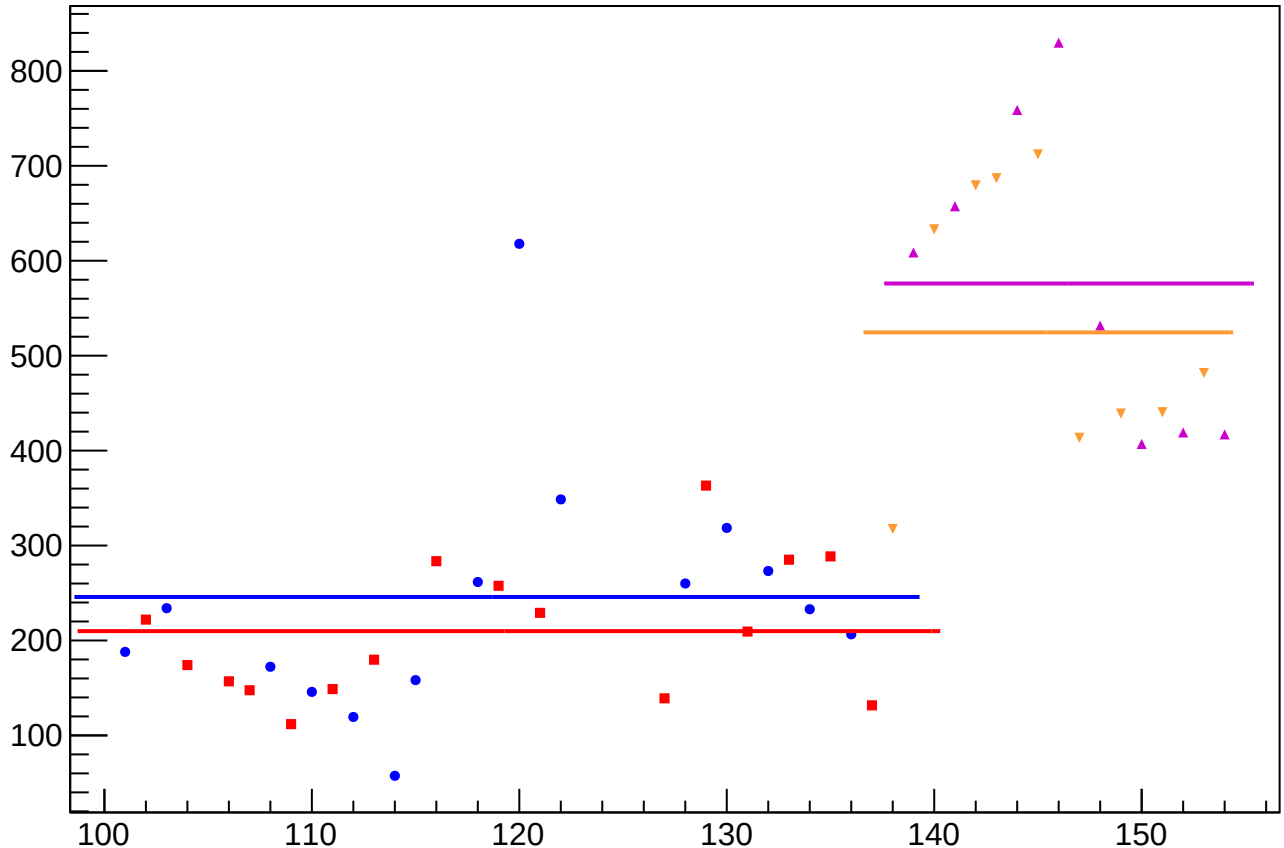
Left In: -33894.894+/-0.000 χ^2/NDF:108677648790805269235117664457450701455 36.0/7

+ sign -21457.724+/-0.000 χ^2/NDF: 162138743445

All: -21862.390+/-0.000 χ^2/NDF: 394333715

- sign -22258.402+/-0.000 χ^2/NDF: 231765013906

dit_sam6_coil1_err_mean vs Slug



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 524.525+/-0.000 χ^2/NDF:1230404973423310059351329951008266649 6.0/8

Right Out: 209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

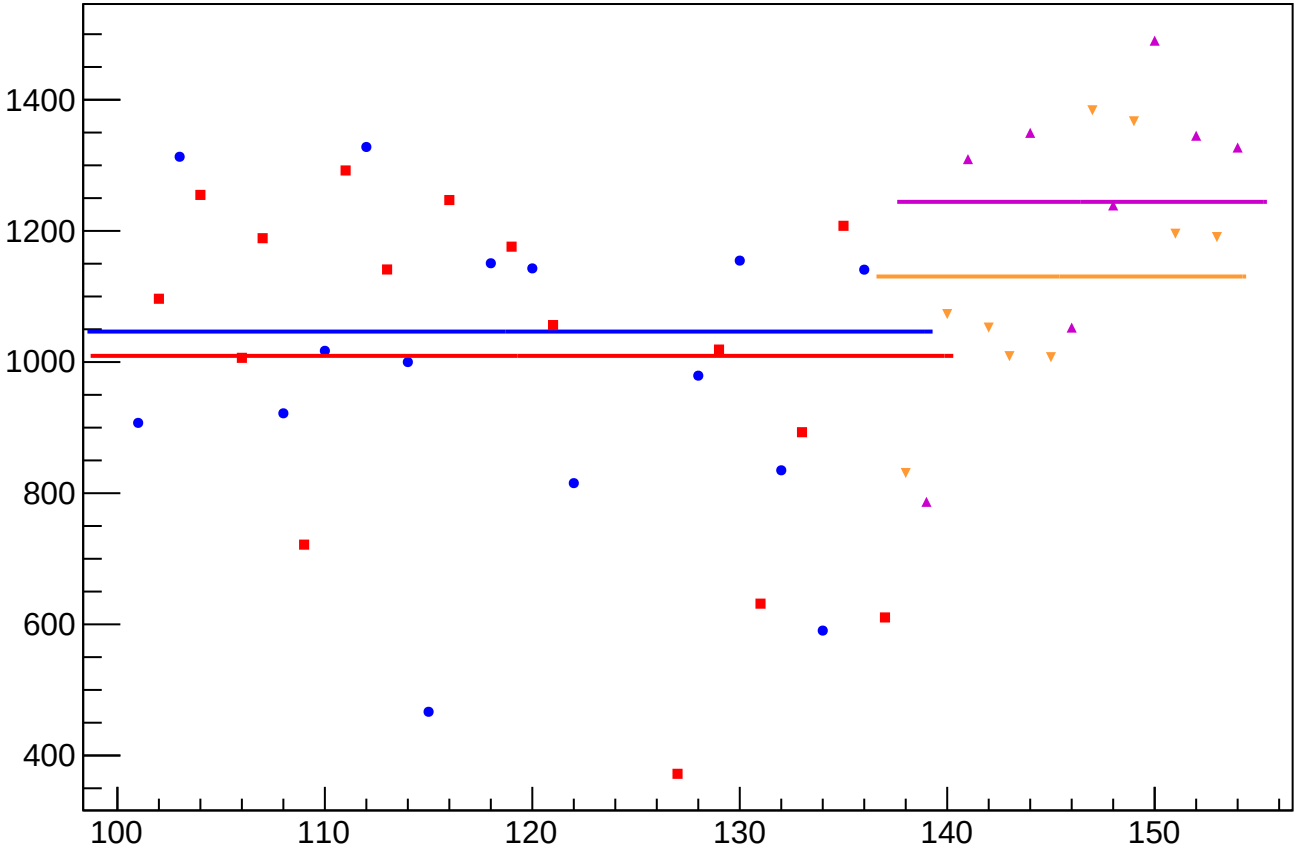
Left In: 576.015+/-0.000 χ^2/NDF:1611795922414858498321154274103184588 8.0/7

+ sign 388.224+/-0.000 χ^2/NDF: 458868509482617

All: 392.103+/-0.000 χ^2/NDF: 11061456482

- sign 395.900+/-0.000 χ^2/NDF: 646881963693897

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5

Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8

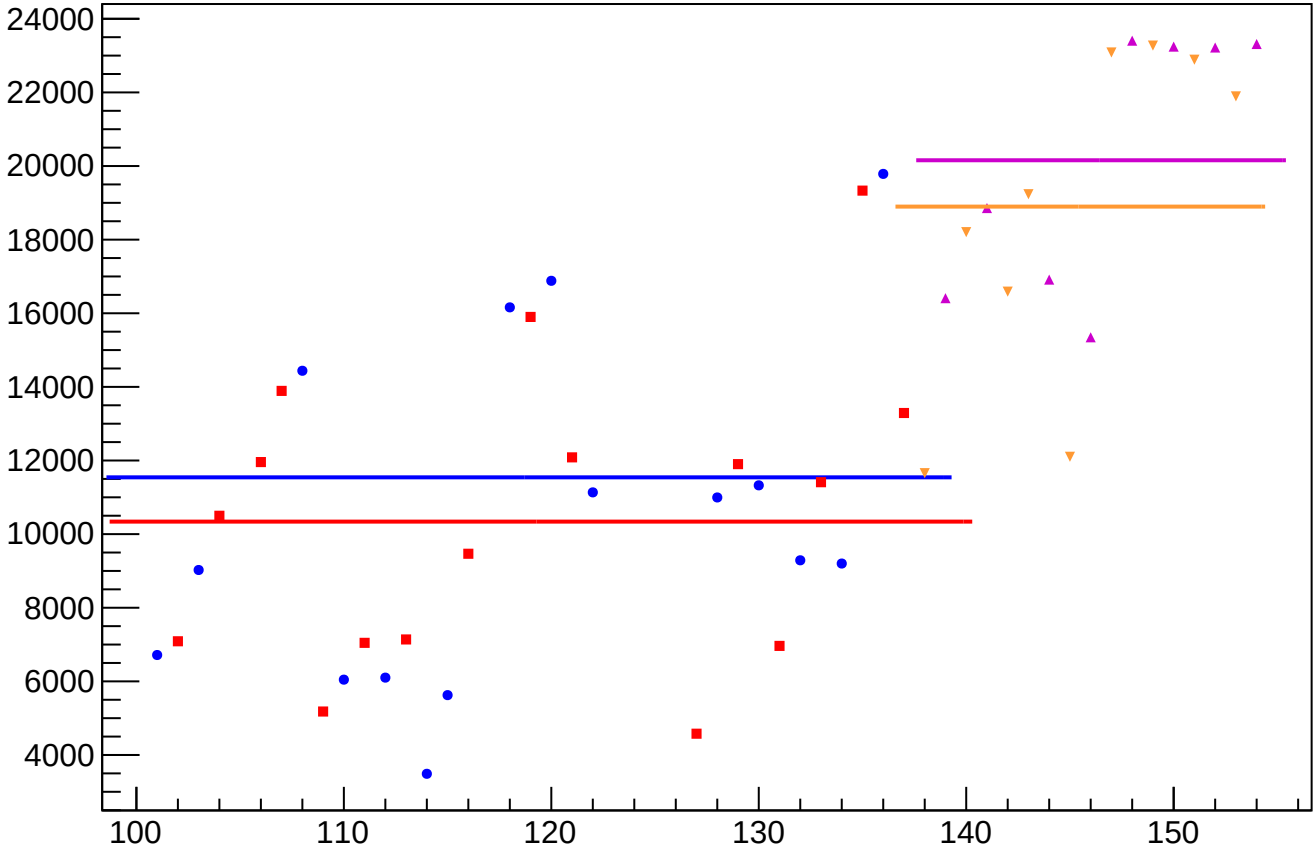
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932

Left In: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Left Out: 18897.711+/-0.000 χ^2/NDF:1308828375985825313834649144868789970534 4.0/8

Right Out: 10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15

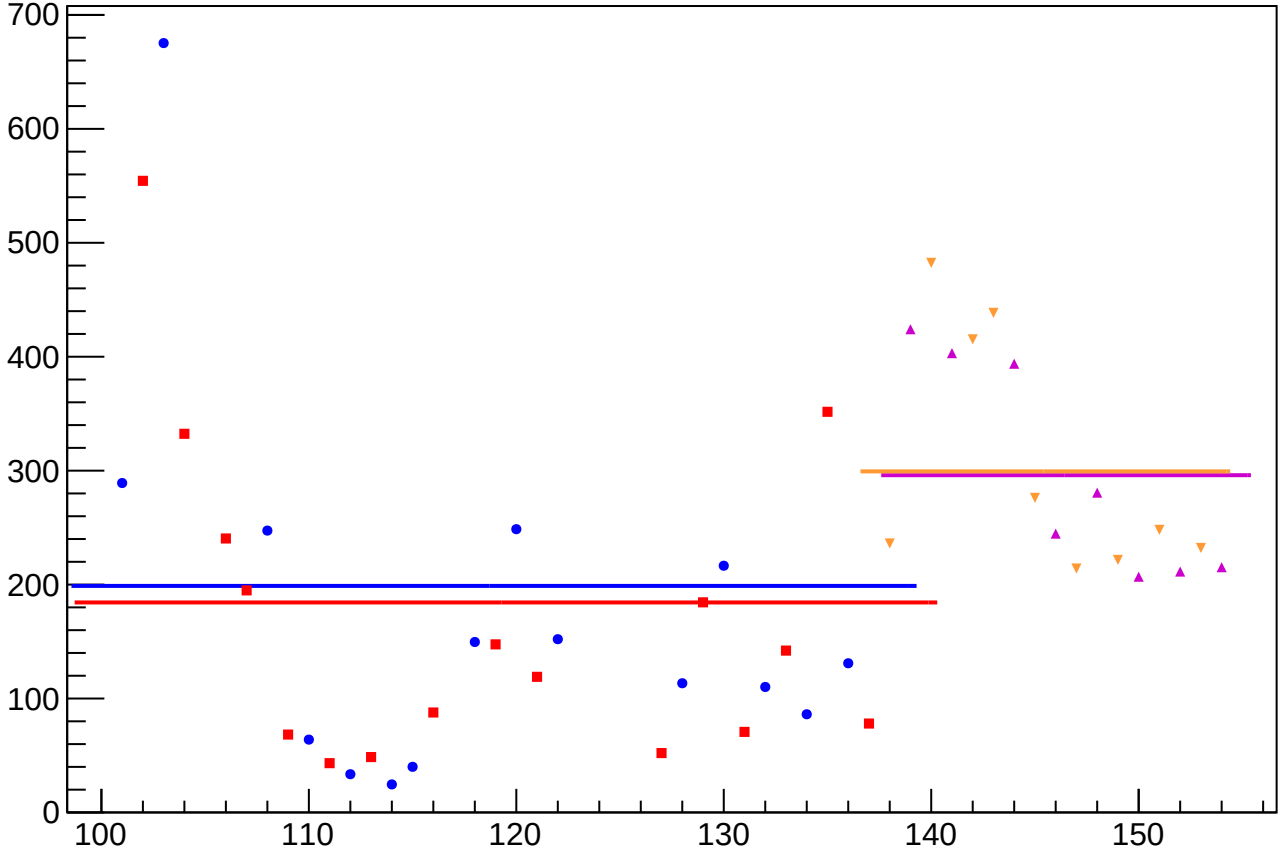
Left In: 20156.695+/-0.000 χ^2/NDF:759373363314725411536574948628488414822 4.0/7

+ sign 15300.602+/-0.000 χ^2/NDF: 4525937586460

All: 15314.432+/-0.000 χ^2/NDF: 9677463702

- sign 15327.966+/-0.000 χ^2/NDF: 5151475895962

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14

Left Out: 299.374+/-0.000 χ^2/NDF:6678621021367714767011729712353378304.0/8

Right Out: 184.328+/-0.000 χ^2/NDF: 14927434931395588601024961538372403200.0/15

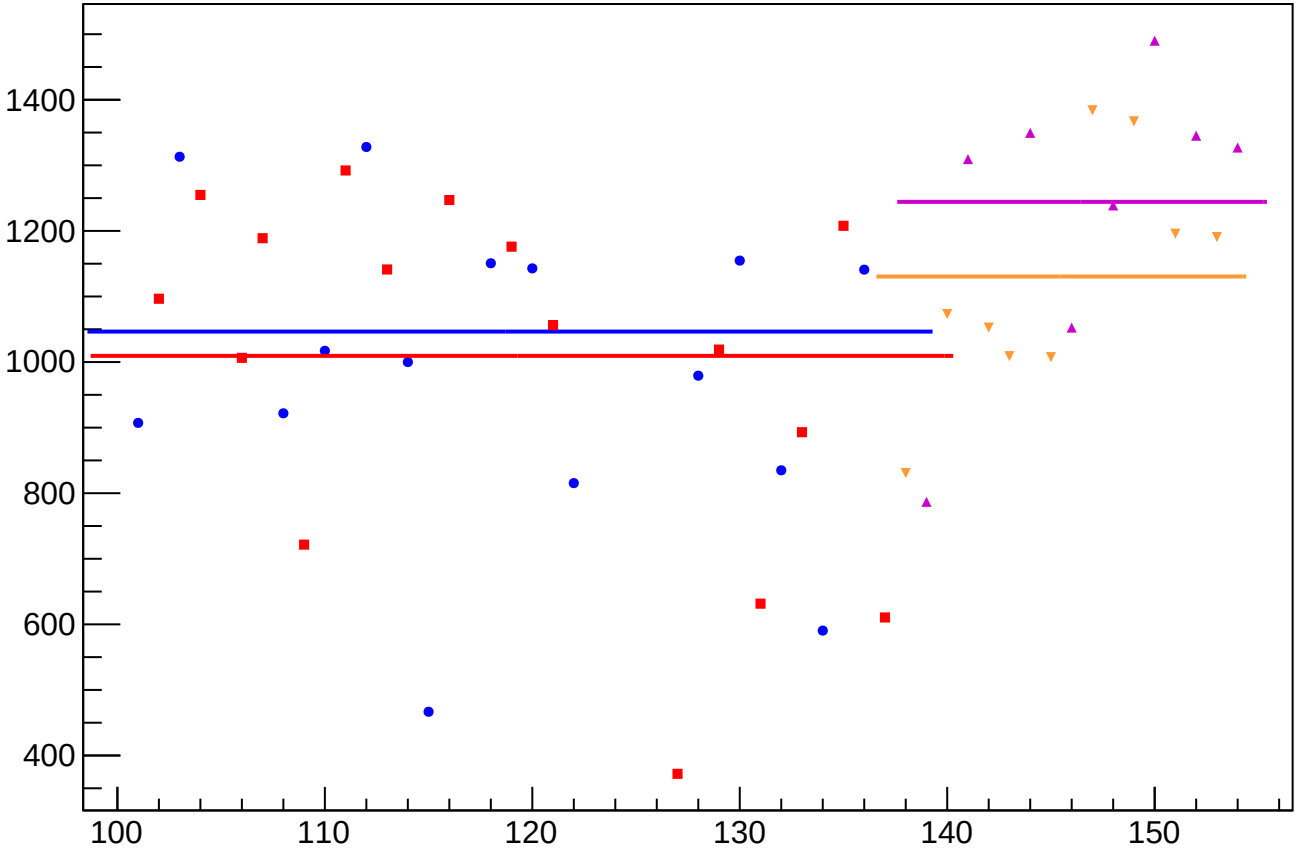
Left In: 296.016+/-0.000 χ^2/NDF:5320574347117591093525406831200960512.0/7

+ sign 250.211+/-0.000 χ^2/NDF: 283633754045542

All: 245.595+/-0.000 χ^2/NDF: 52894957399

- sign 241.078+/-0.000 χ^2/NDF: 244756480802809

dit_sam7_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5

Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302566 4.0/8

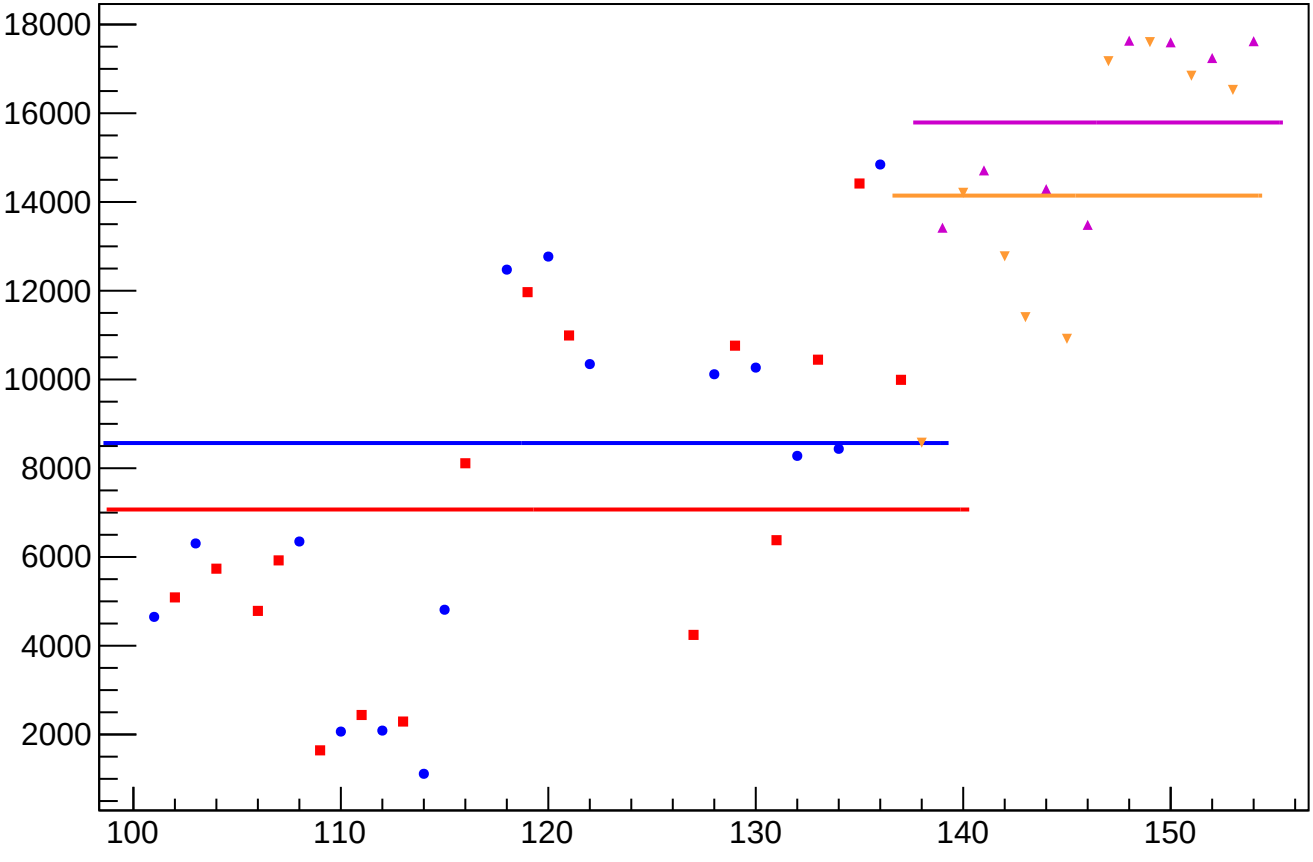
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2

Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932

Left In: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618355 2.0/7

dit_sam8_coil1_mean vs Slug



Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

+ sign 11416.886+/-0.000 χ^2/NDF: 2803327006817

Left Out: 14144.123+/-0.000 χ^2/NDF:66161976314894776660549351540338794168 32.0/8

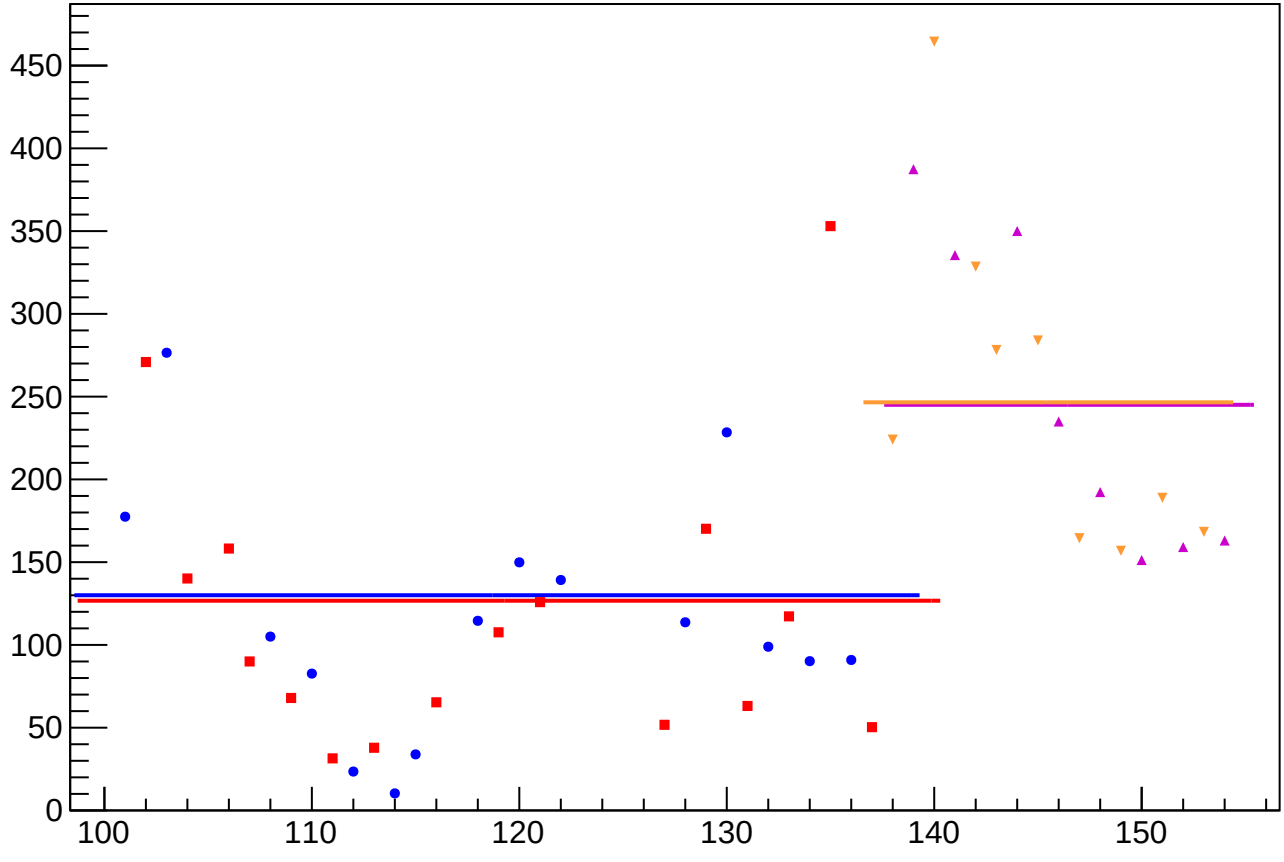
All: 11459.657+/-0.000 χ^2/NDF: 661573008

Right Out: 7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15

- sign 11501.513+/-0.000 χ^2/NDF: 3811922757189

Left Out: 15791.638+/-0.000 χ^2/NDF:2261766294510684378859975554339335831552.0/7

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Left Out: 246.567+/-0.000 χ^2/NDF:6400868292353104917562233837766836224.0/8

Right Out: 126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

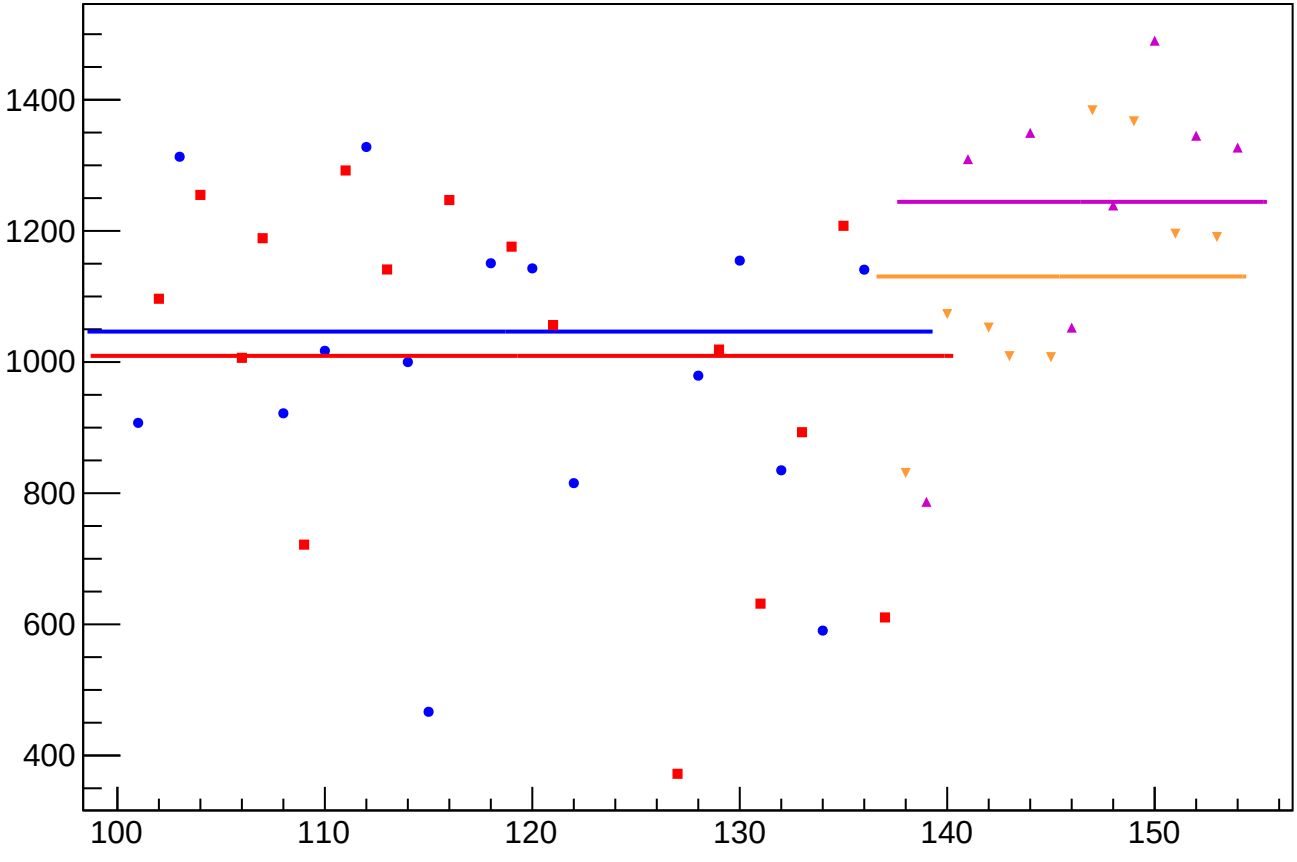
Left In: 245.055+/-0.000 χ^2/NDF:5600531738891269928177951075127525376.0/7

+ sign 189.567+/-0.000 χ^2/NDF: 140201825149025

All: 188.190+/-0.000 χ^2/NDF: 297695171175

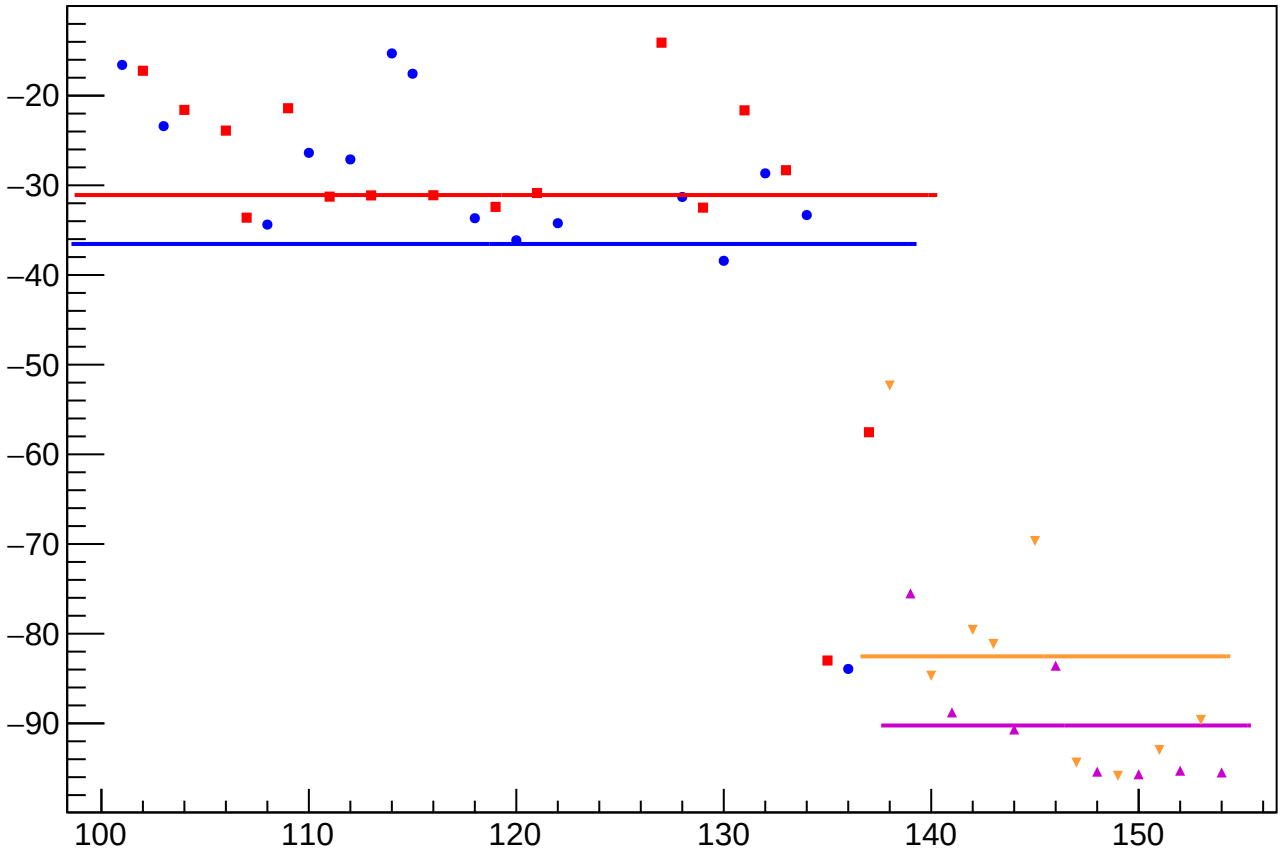
- sign 186.842+/-0.000 χ^2/NDF: 157443517017927

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
+ sign 1089.409+/-0.000 χ^2/NDF: 4732697246608 5
Left Out: 1130.493+/-0.000 χ^2/NDF:2012049054022628051727895951506302 5664.0/8
All: 1109.312+/-0.000 χ^2/NDF: 1400101821 2
Right Out: 1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828 6976.0/15
- sign 1128.788+/-0.000 χ^2/NDF: 91643187215932
Left In: 1244.321+/-0.000 χ^2/NDF:2834388614413659654614607978839618 3552.0/7

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

Left Out: -82.530+/-0.000 χ^2/NDF:1239538765178929224079719905550663 68.0/8

Right Out: -31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

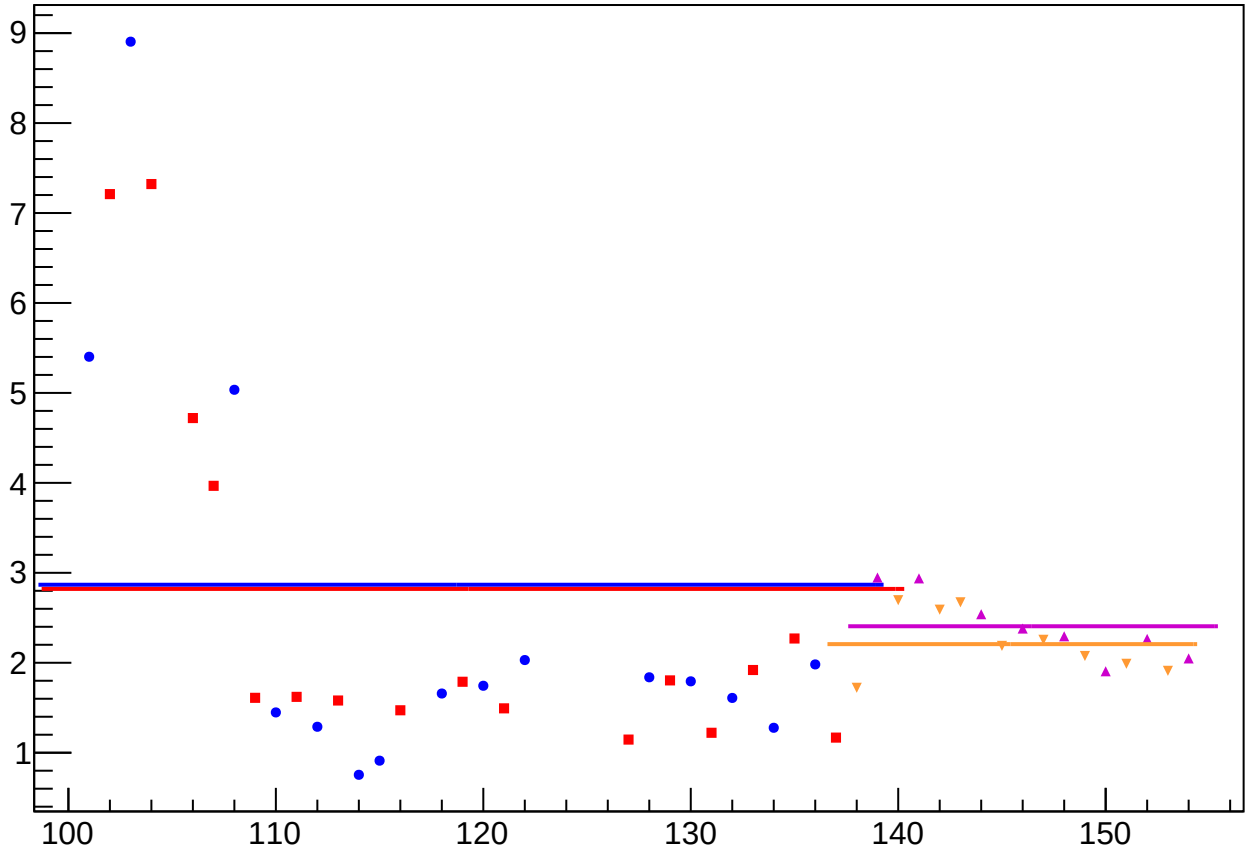
Left In: -90.237+/-0.000 χ^2/NDF:3103859472217230499795108632723456 0.0/7

+ sign -60.037+/-0.000 χ^2/NDF: 107964388470660

All: -60.595+/-0.000 χ^2/NDF: 247860218307

- sign -61.141+/-0.000 χ^2/NDF: 1398141765338052

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

+ sign 2.530+/-0.000 χ^2/NDF: 3672035276663476 2

Left Out: 2.207+/-0.000 χ^2/NDF:7200214833740358103248958966988 8.0/8

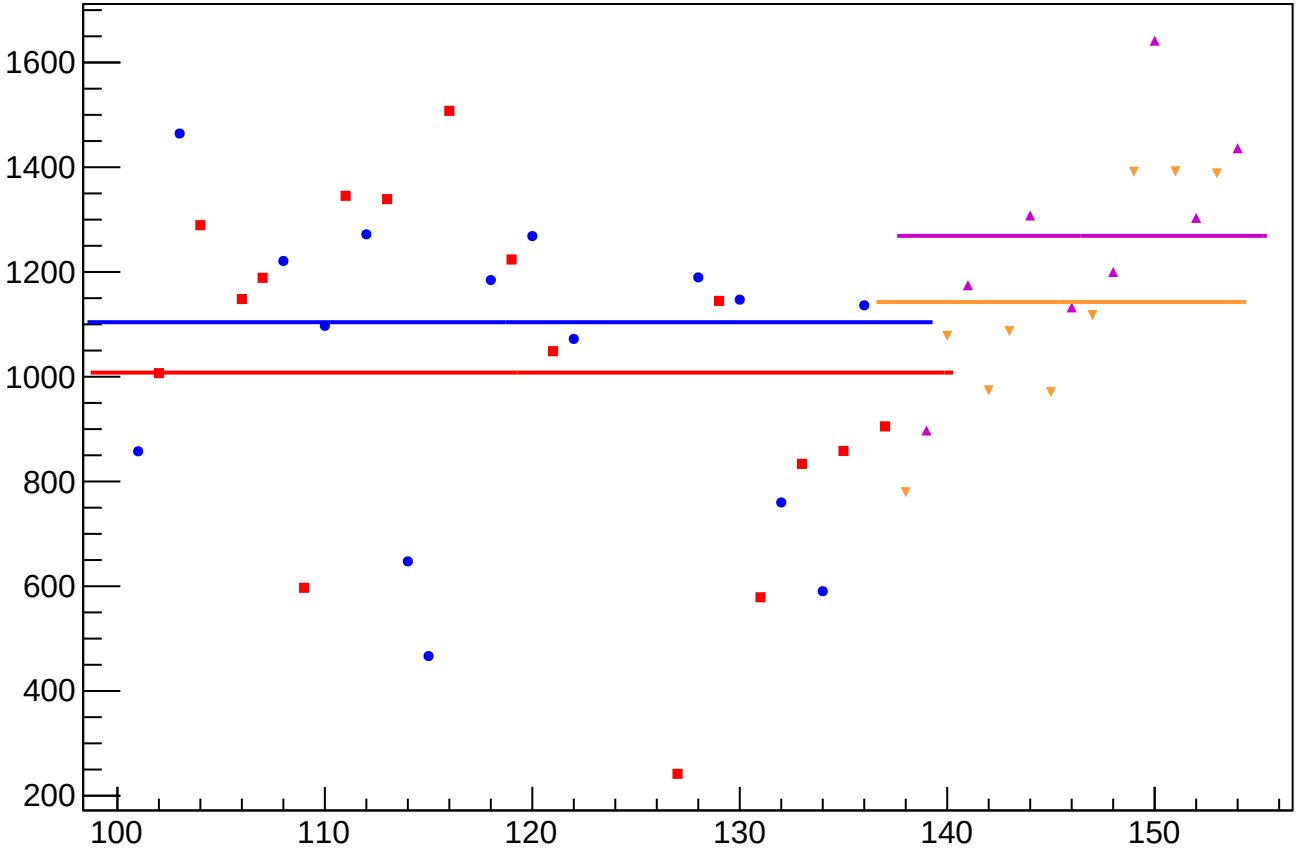
All: 2.571+/-0.000 χ^2/NDF: 6874079308069 3

Right Out: 2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

- sign 2.610+/-0.000 χ^2/NDF: 3197754229818201 9

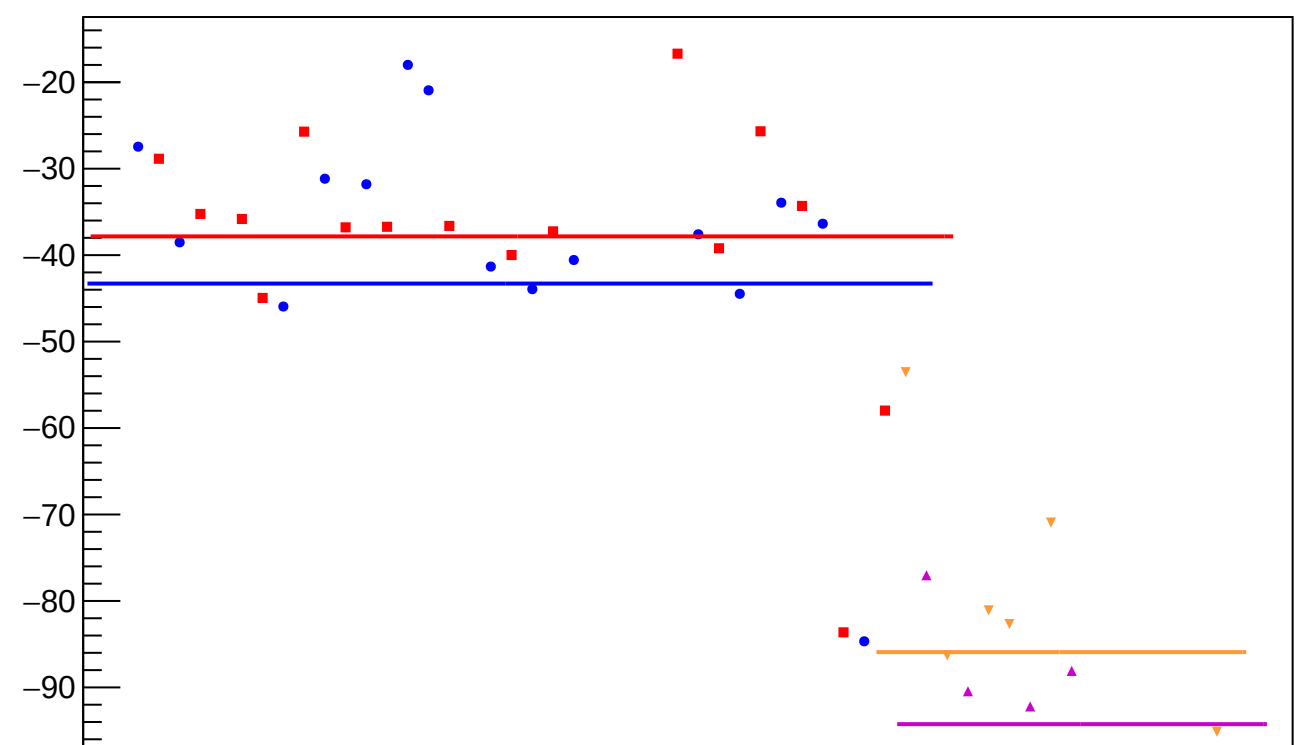
Left In: 2.406+/-0.000 χ^2/NDF:8641230633015513964391818067968 0.0/7

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1123.799+/-0.000 χ^2/NDF: 62943916536486
Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8
All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1140.580+/-0.000 χ^2/NDF: 12143382454978
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

+ sign -65.069+/-0.000 χ^2/NDF: 958601035566274

Left Out: -85.917+/-0.000 χ^2/NDF:156713282337154501252419234050342912.0/8

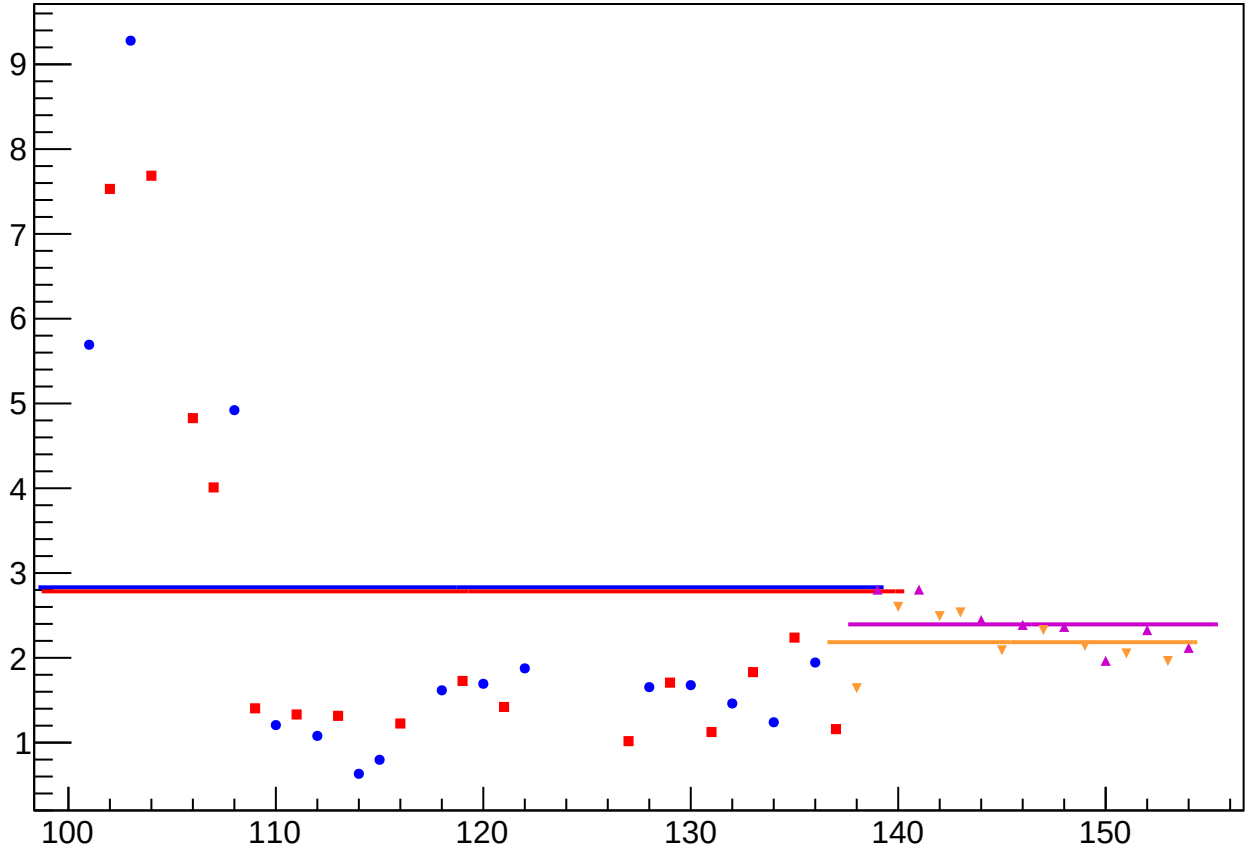
All: -65.792+/-0.000 χ^2/NDF: 223280039180

Right Out: -37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

- sign -66.499+/-0.000 χ^2/NDF: 127282778024982

Left In: -94.251+/-0.000 χ^2/NDF:453763493419728559586403551574753 28.0/7

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

+ sign 2.501+/-0.000 χ^2/NDF: 4154475348632648 7

Left Out: 2.184+/-0.000 χ^2/NDF:57834667589068616985795031465984.0/8

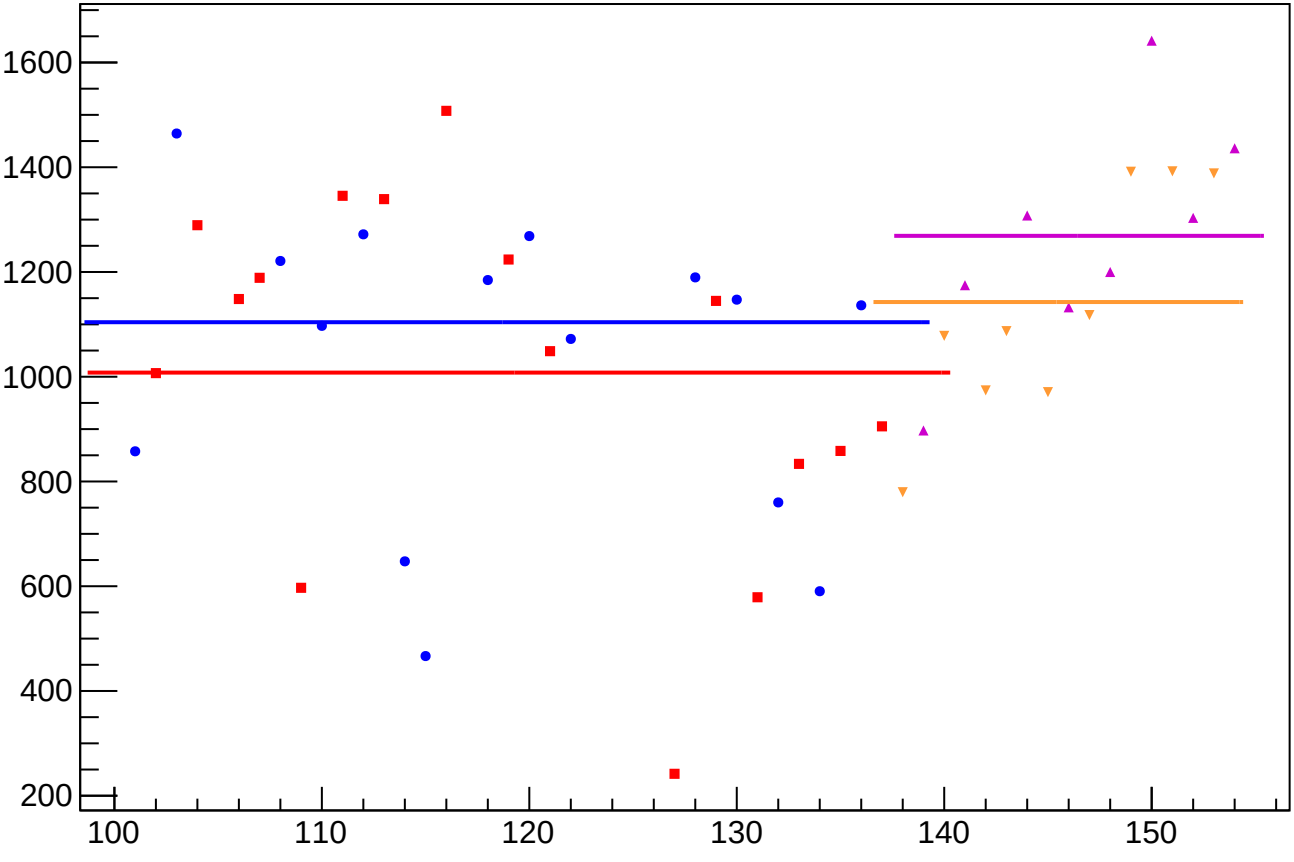
All: 2.544+/-0.000 χ^2/NDF: 7852658828003 8

Right Out: 2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15

- sign 2.586+/-0.000 χ^2/NDF: 3693320960197625 6

Left In: 2.395+/-0.000 χ^2/NDF:52321702886423840940313743982592.0/7

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

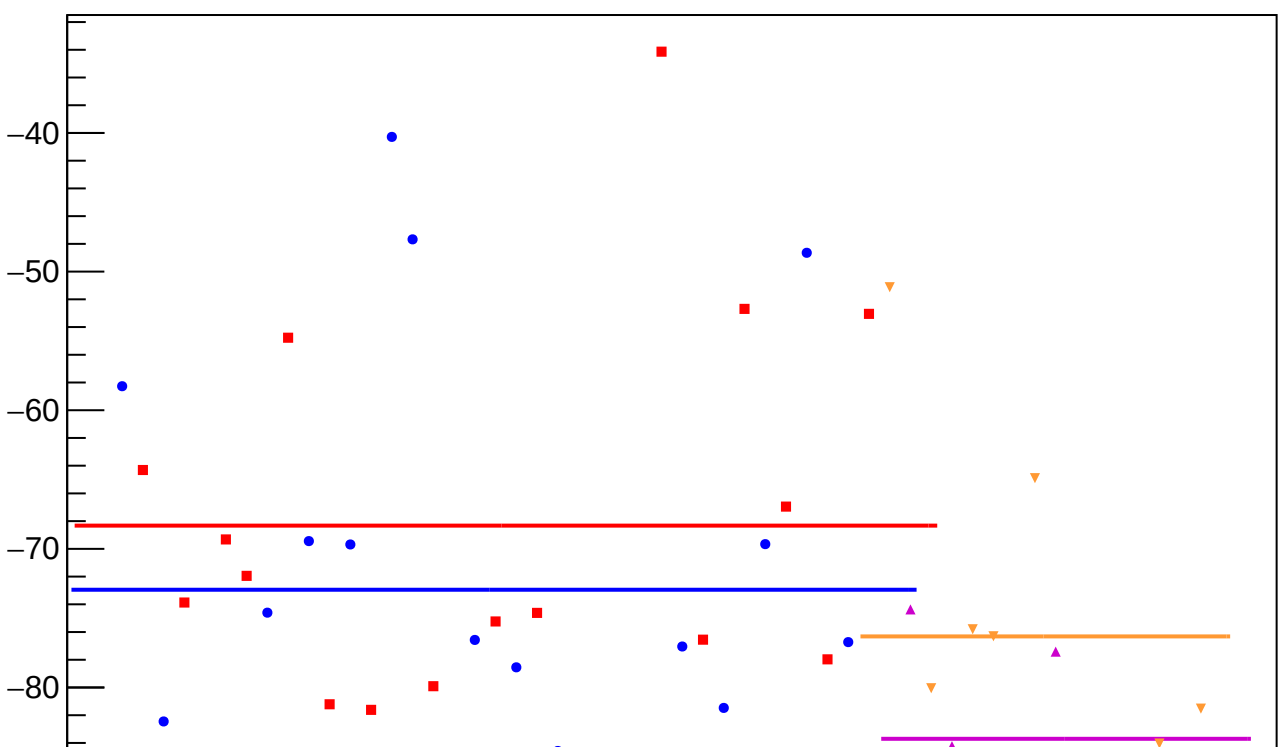
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

+ sign 1123.799+/-0.000 χ^2/NDF: 6294391653648 6

All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9

- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF: 657554284648579803068791262910873 60.0/14

Left Out: -76.316+/-0.000 χ^2/NDF:833769407219395660697143372414976 00.0/8

Right Out: -68.324+/-0.000 χ^2/NDF: 106694344898202364483367131372584960.0/15

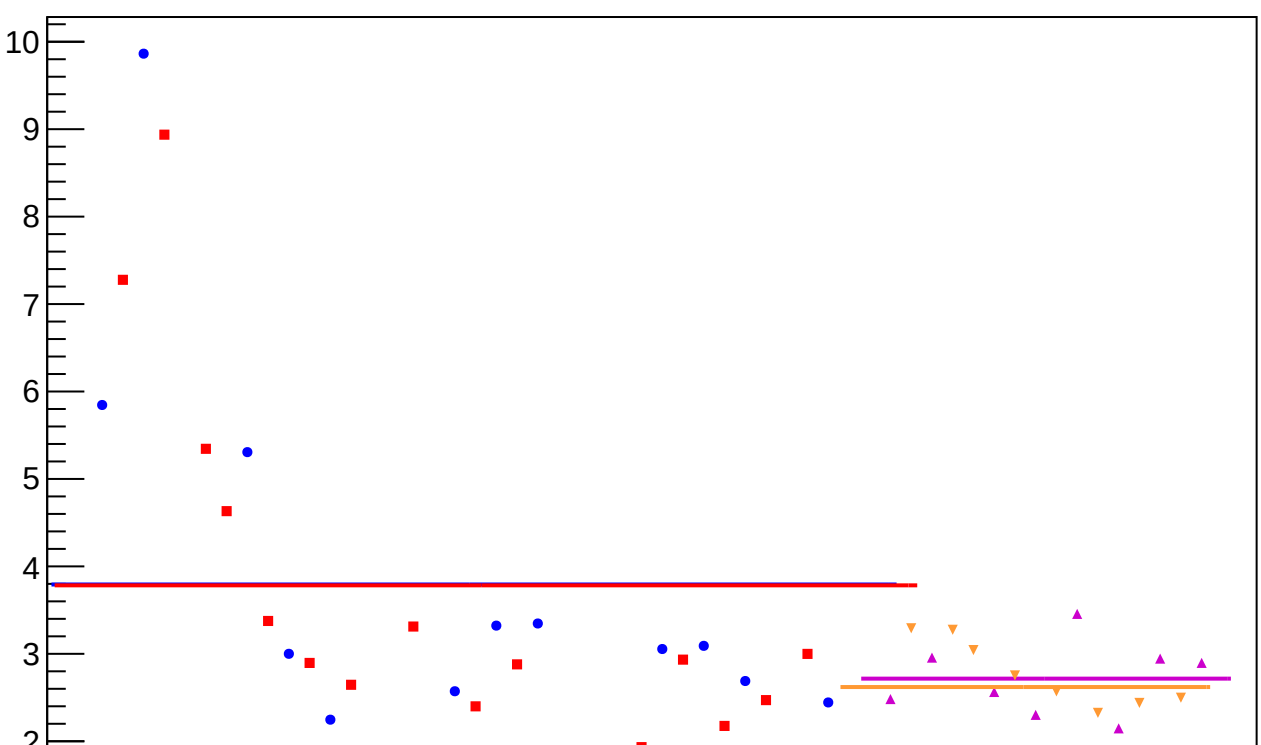
Left In: -83.702+/-0.000 χ^2/NDF:139751090208844348308712432494182 40.0/7

+ sign -74.669+/-0.000 χ^2/NDF: 152890889766715

All: -75.411+/-0.000 χ^2/NDF: 35515453007 3

- sign -76.137+/-0.000 χ^2/NDF: 2008177041458010

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Left Out: 2.620+/-0.000 χ^2/NDF:1467967722510295532424398645493 76.0/8

Right Out: 3.783+/-0.000 χ^2/NDF: 2878586622192676654452338755371008.0/15

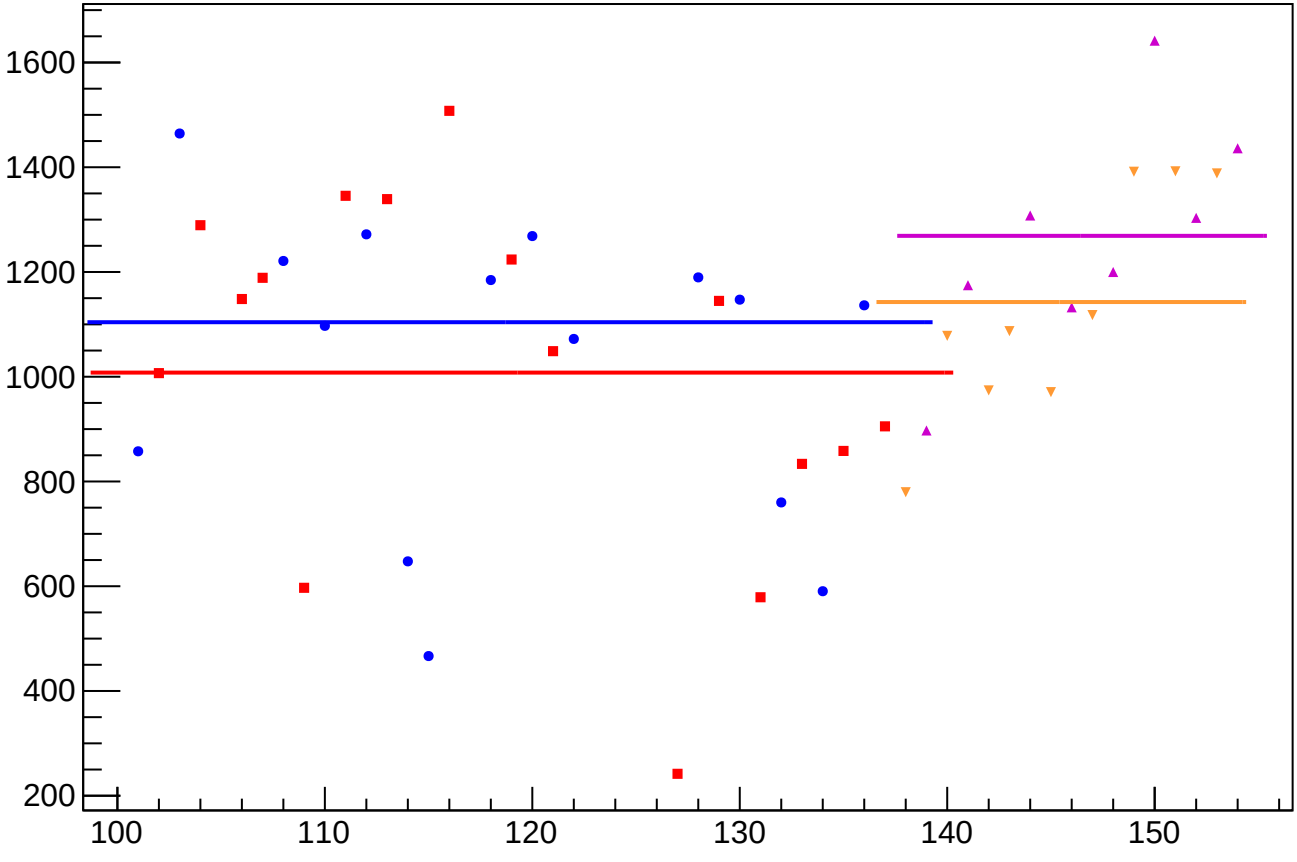
Left In: 2.716+/-0.000 χ^2/NDF:1086073857444110819157080602050 56.0/7

+ sign 3.194+/-0.000 χ^2/NDF: 3808234498782895 3

All: 3.218+/-0.000 χ^2/NDF: 7182725873563 5

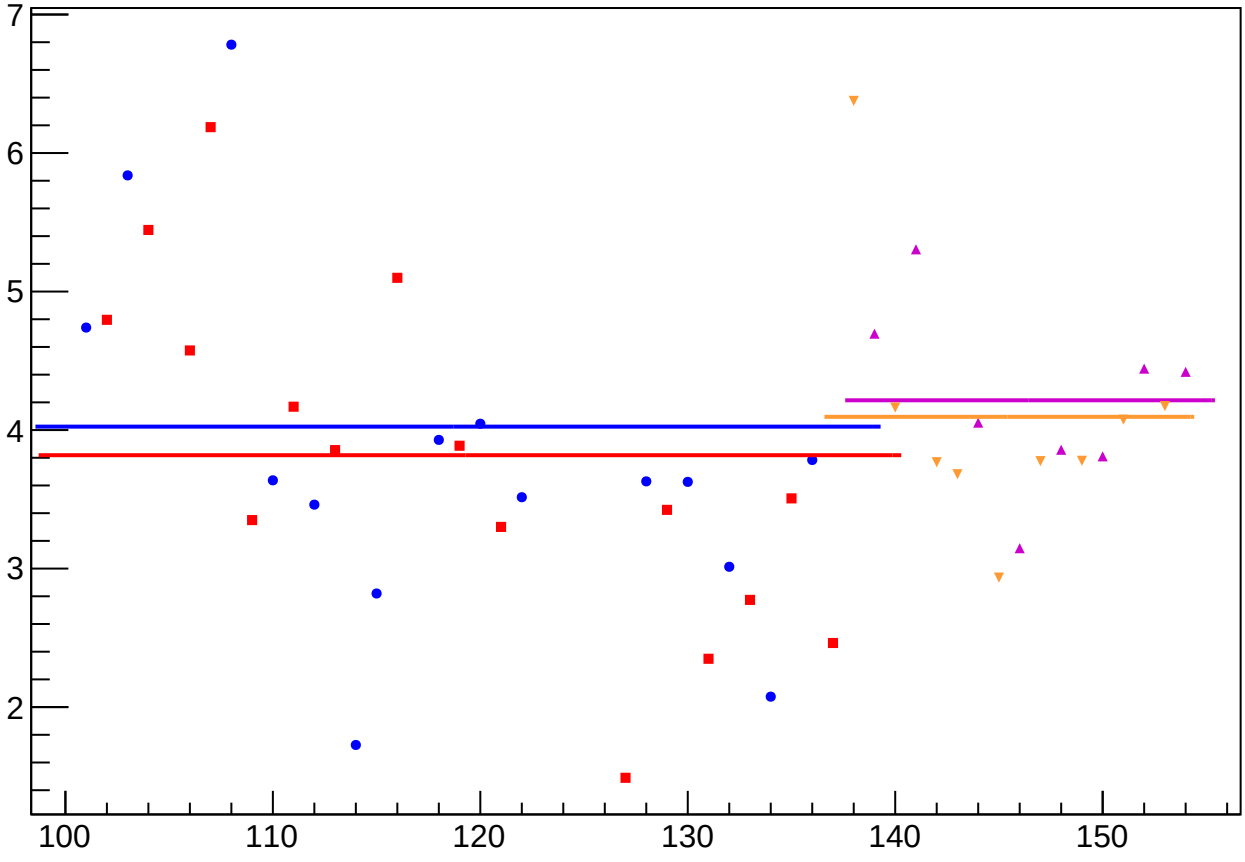
- sign 3.241+/-0.000 χ^2/NDF: 3372983883801368 0

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1123.799+/-0.000 χ^2/NDF: 6294391653648 6
Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8
All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Left Out: 4.096+/-0.000 χ^2/NDF:548735256446826061743814000771072.0/8

Right Out: 3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

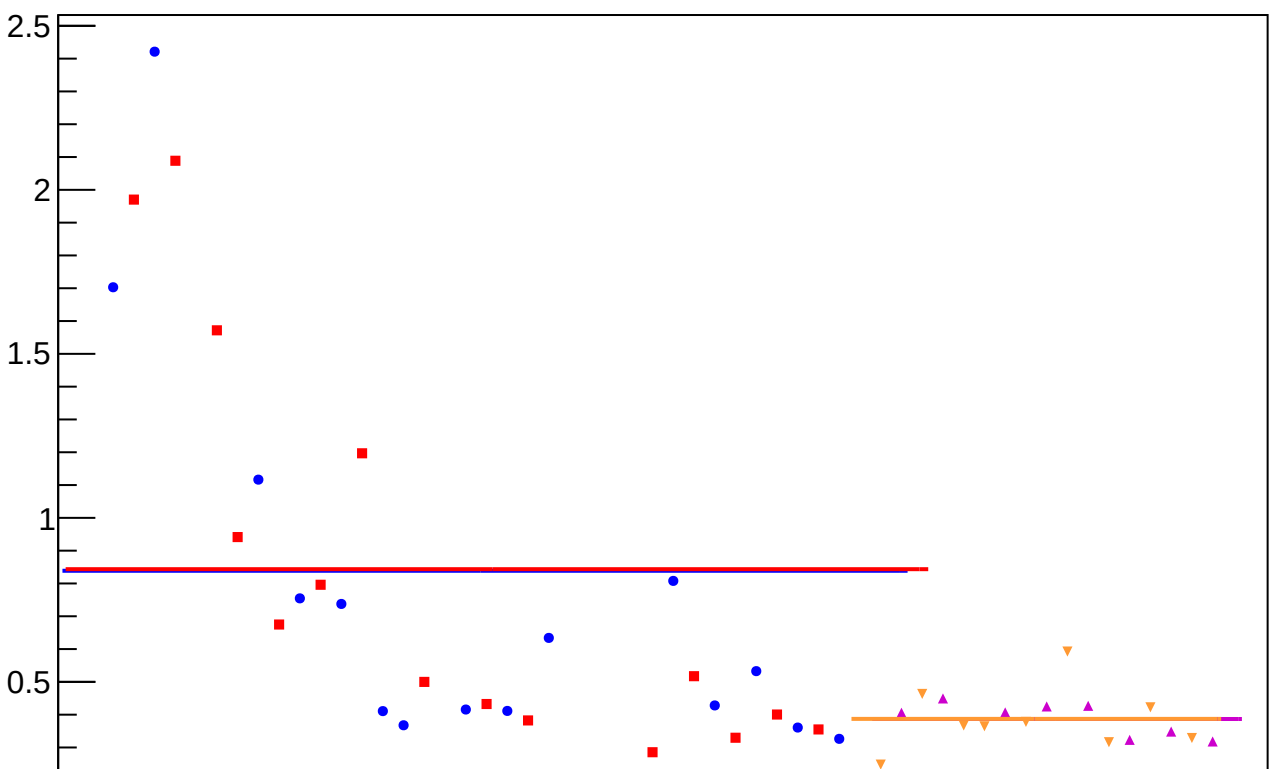
Left In: 4.215+/-0.000 χ^2/NDF:250605159869575237023390366695424.0/7

+ sign 4.061+/-0.000 χ^2/NDF: 1319397955141068

All: 4.040+/-0.000 χ^2/NDF: 2512630086680

- sign 4.020+/-0.000 χ^2/NDF: 11921029524807198

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Left Out: 0.387+/-0.000 χ^2/NDF:6144720660207564692150561013760.0/8

Right Out: 0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

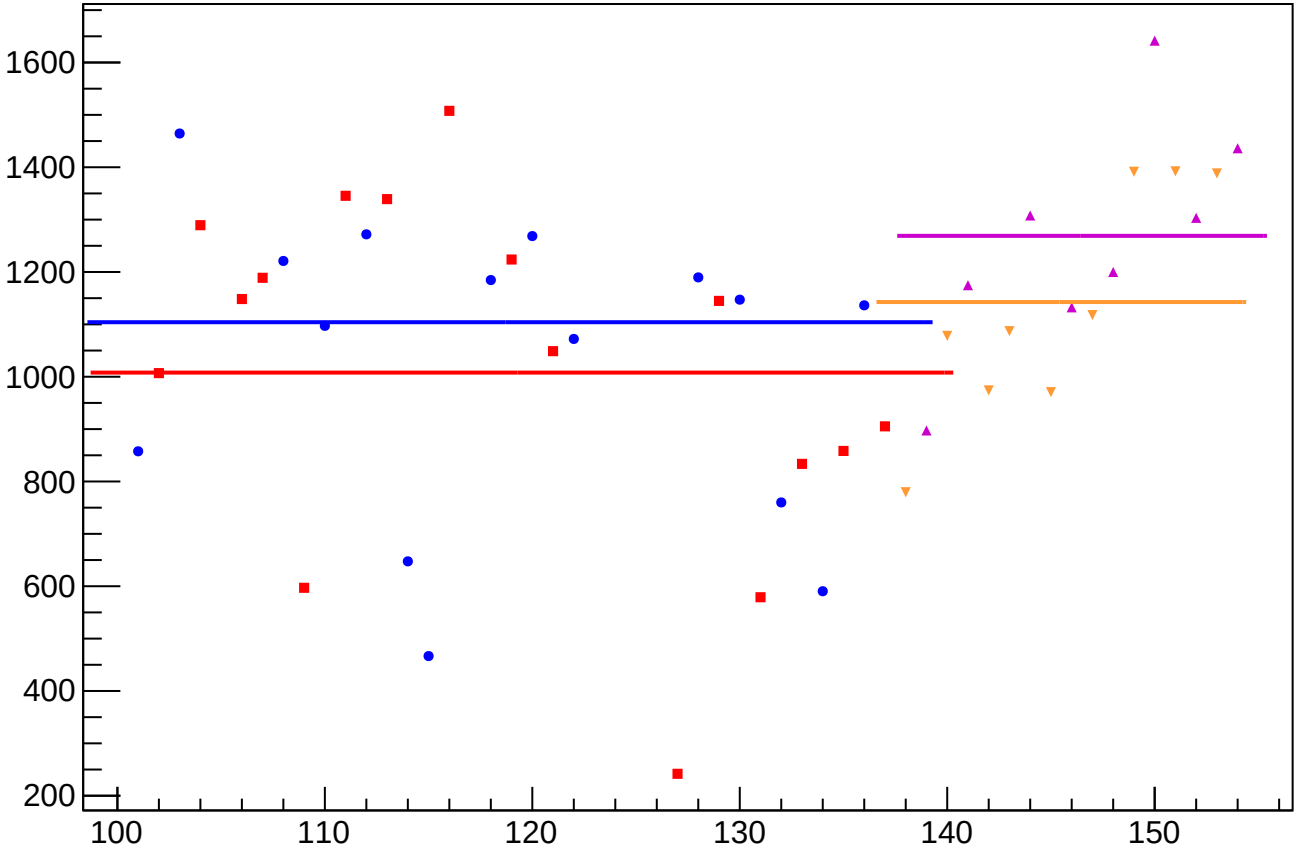
Left In: 0.387+/-0.000 χ^2/NDF:1570290488053621585700659920896.0/7

+ sign 0.608+/-0.000 χ^2/NDF: 3321718437904432 7

All: 0.610+/-0.000 χ^2/NDF: 6573596647301 5

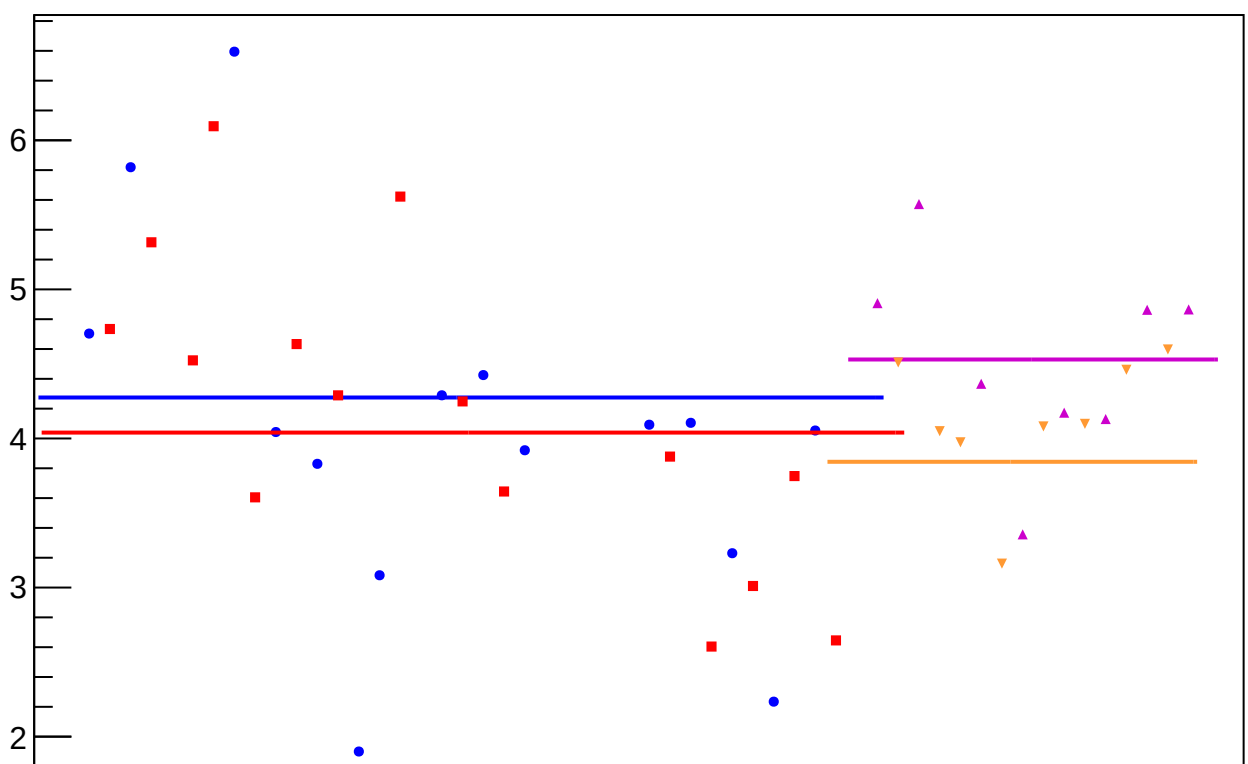
- sign 0.611+/-0.000 χ^2/NDF: 3251796901640191 0

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1123.799+/-0.000 χ^2/NDF: 6294391653648 6
Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8
All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF: 5971887078981988517924154355220 48.0/14

Left Out: 3.844+/-0.000 χ^2/NDF:5308730858359513342742376826798 08.0/8

Right Out: 4.039+/-0.000 χ^2/NDF: 7723688481944643249731087651307 52.0/15

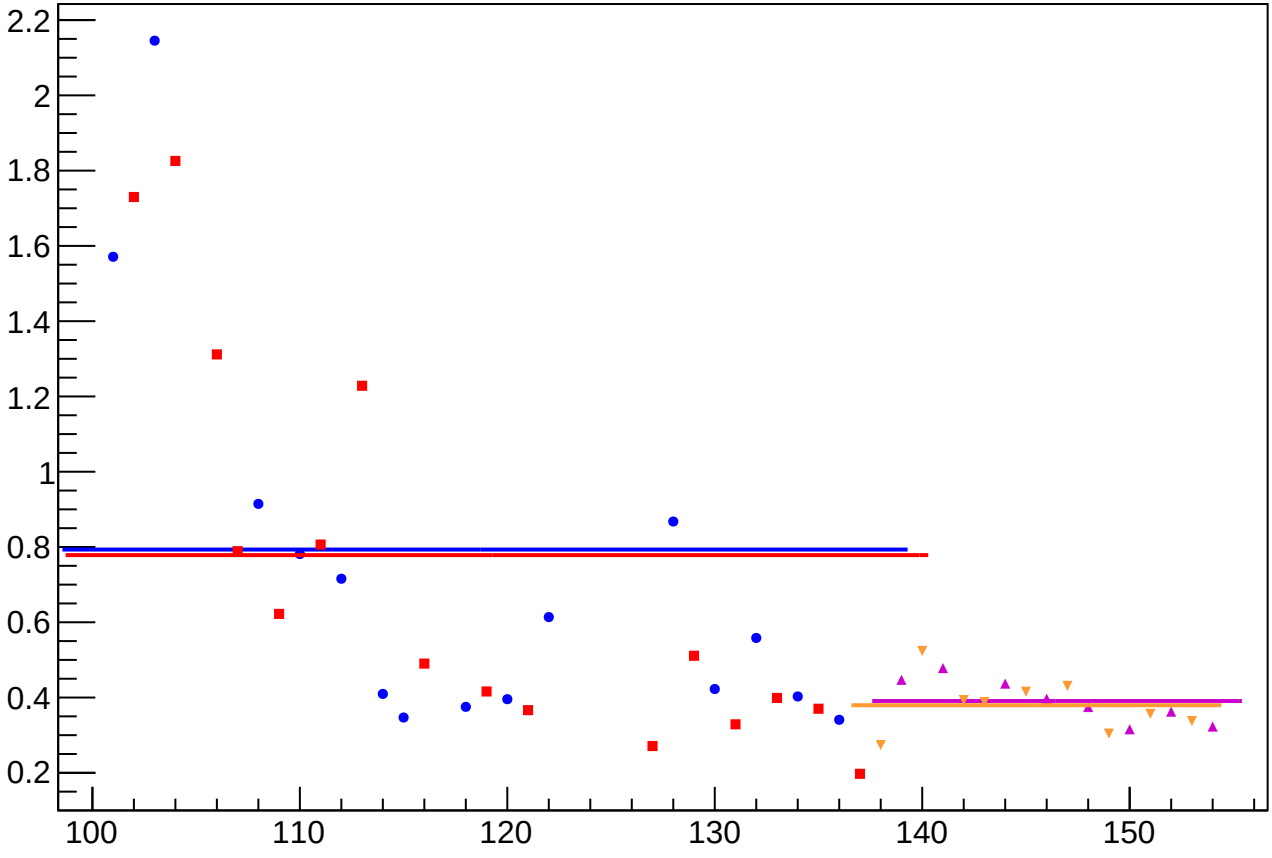
Left In: 4.530+/-0.000 χ^2/NDF:2654089177184537286280879276032 00.0/7

+ sign 4.054+/-0.000 χ^2/NDF: 1189728271299683 9

All: 4.173+/-0.000 χ^2/NDF: 2345715743527 1

- sign 4.289+/-0.000 χ^2/NDF: 1119229622526541 3

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF: 1955087771735894834403147000053 76.0/14

Left Out: 0.380+/-0.000 χ^2/NDF:357294456601919006498826590617 6.0/8

Right Out: 0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

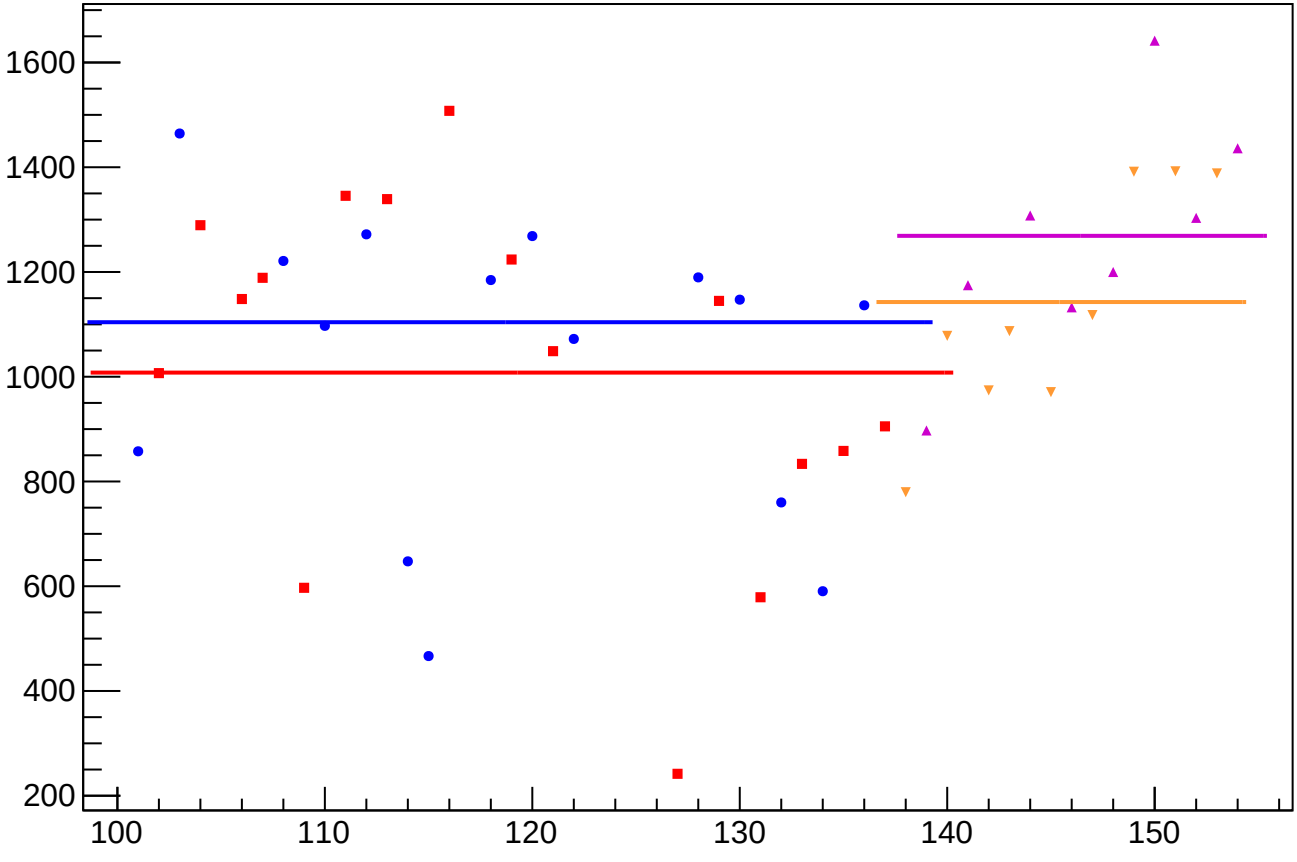
Left In: 0.391+/-0.000 χ^2/NDF:211521042995672928670975629721 6.0/7

+ sign 0.582+/-0.000 χ^2/NDF: 2558159501121725 1

All: 0.582+/-0.000 χ^2/NDF: 4946881718253 7

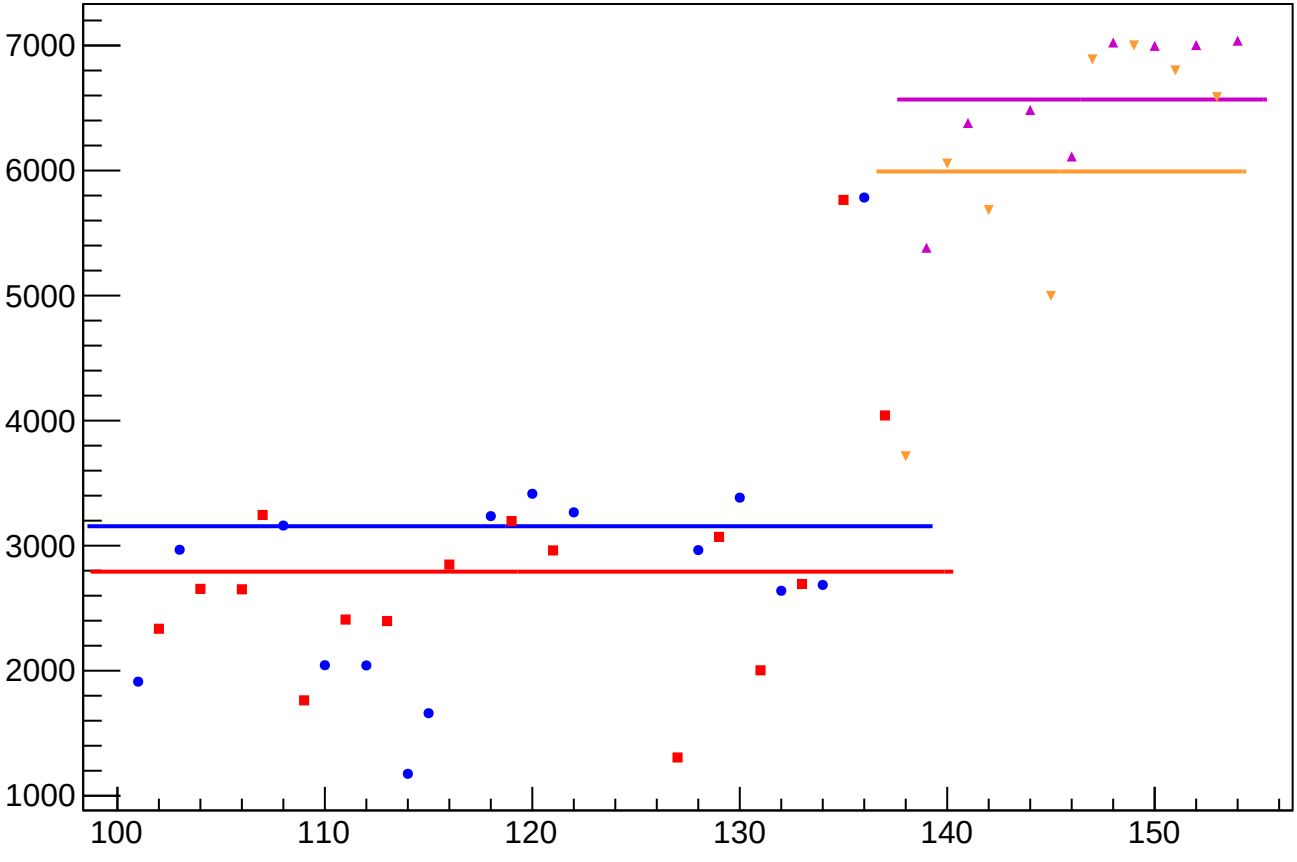
- sign 0.581+/-0.000 χ^2/NDF: 2388720825166259 5

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1123.799+/-0.000 χ^2/NDF: 6294391653648 6
Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8
All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

+ sign 4531.238+/-0.000 χ^2/NDF: 4154703637584 9

Left Out: 5992.608+/-0.000 χ^2/NDF:7178483834749661994938538096645290065 92.0/7

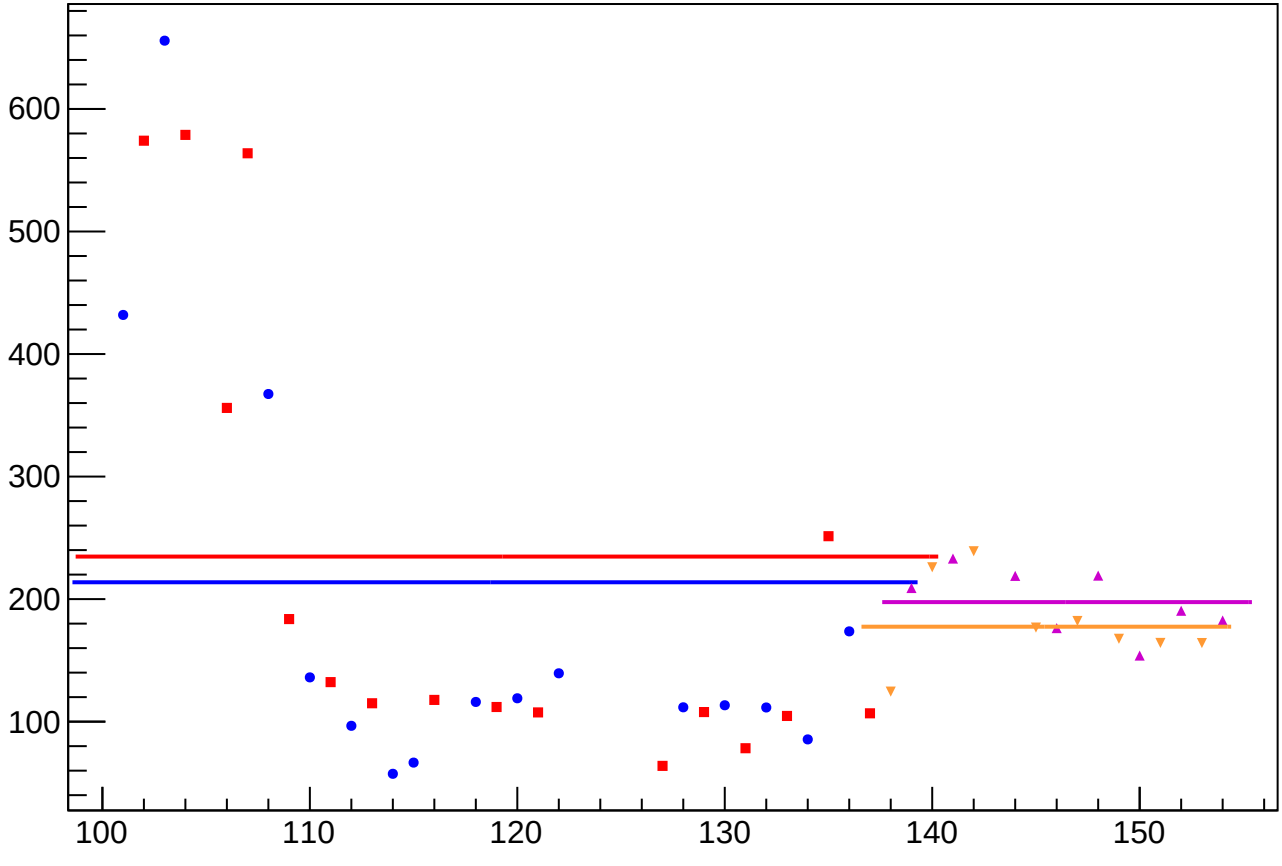
All: 4624.305+/-0.000 χ^2/NDF: 9887243646 1

Right Out: 2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867 17184.0/15

- sign 4710.783+/-0.000 χ^2/NDF: 5711485829925 3

Left In: 6568.062+/-0.000 χ^2/NDF:2050702329475758564898085119426780 20096.0/7

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

+ sign 196.158+/-0.000 χ^2/NDF: 207564130011161

Left Out: 177.483+/-0.000 χ^2/NDF:624585061959481836385633003508858880.0/7

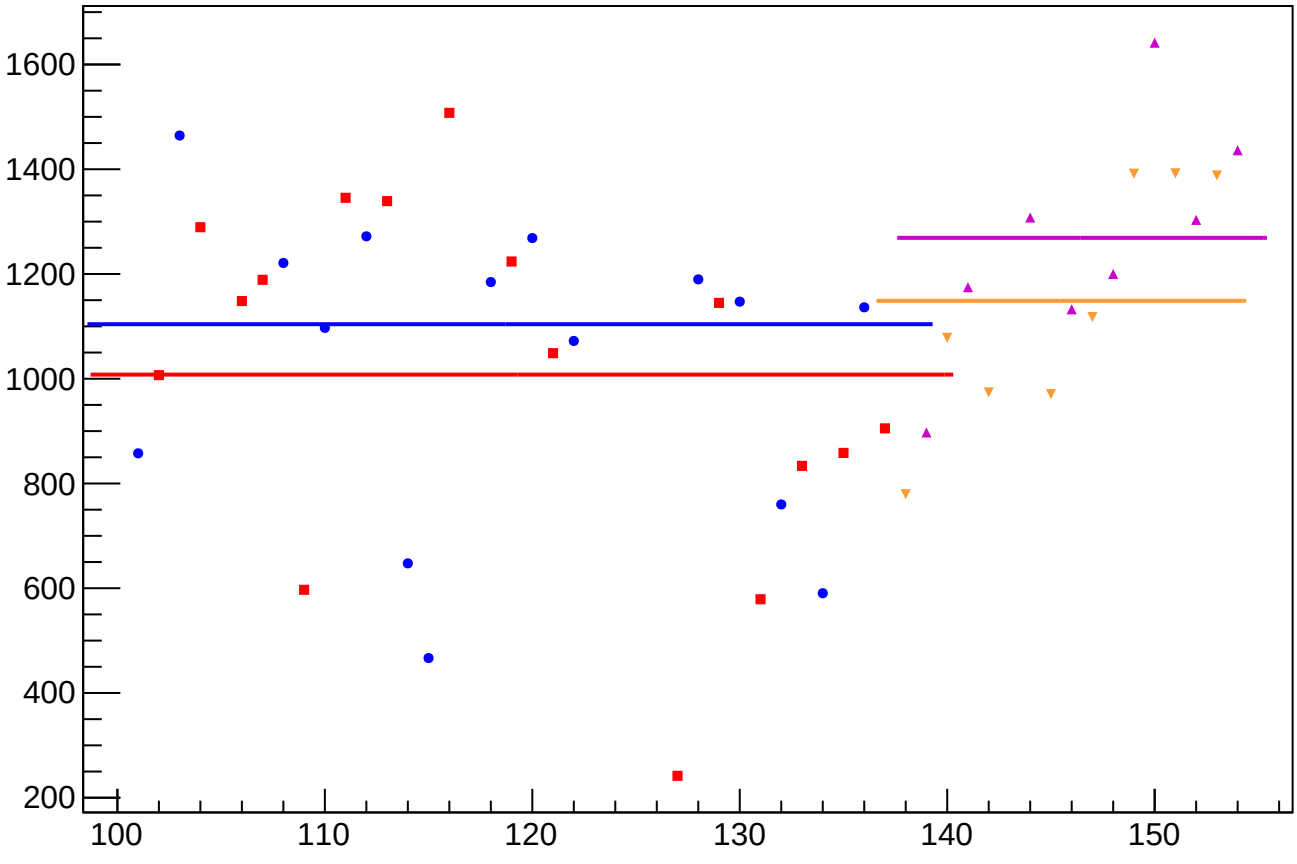
All: 206.355+/-0.000 χ^2/NDF: 459233199537

Right Out: 234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

- sign 215.830+/-0.000 χ^2/NDF: 249141639578507

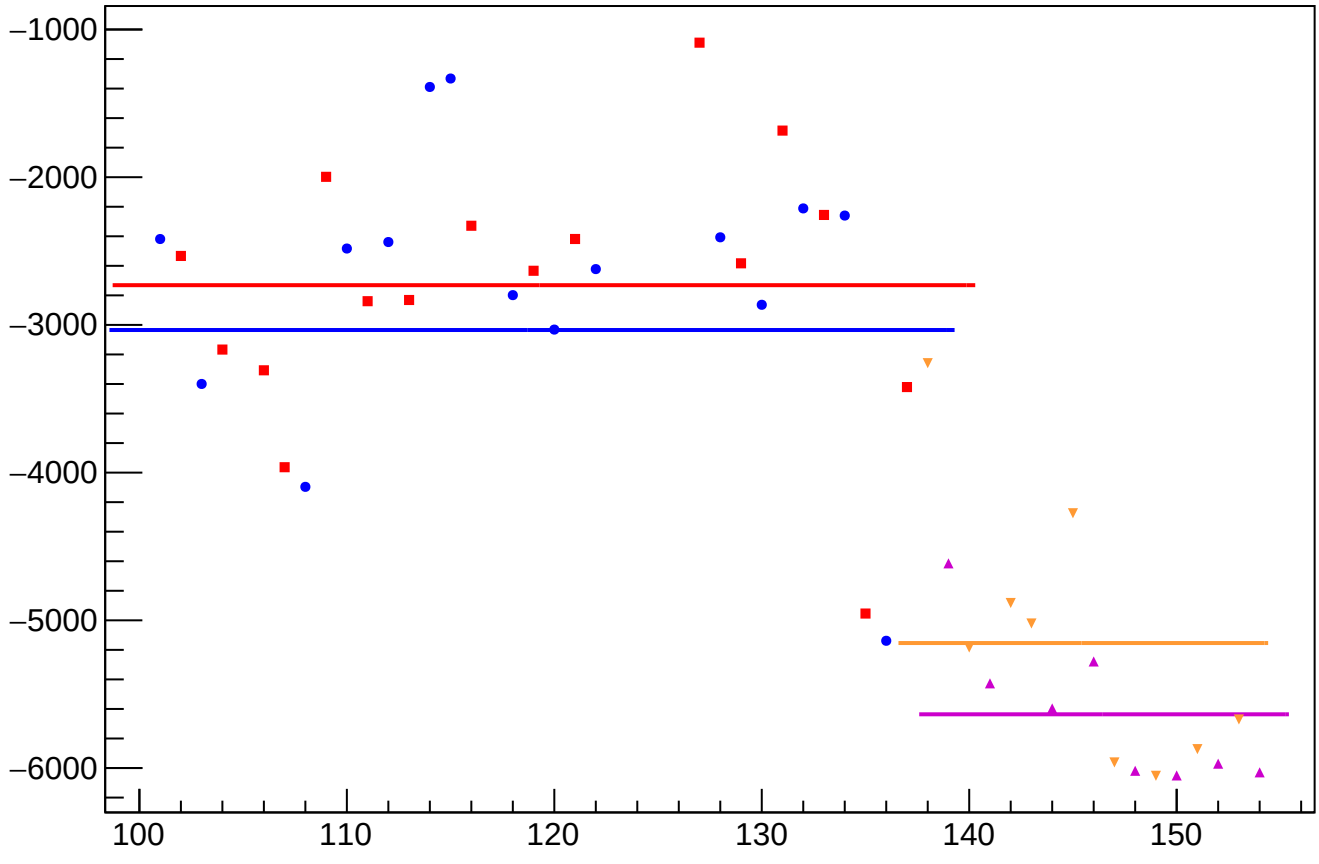
Left In: 197.550+/-0.000 χ^2/NDF:432966500388927282359738960936173568.0/7

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1125.752+/-0.000 χ^2/NDF: 6284867376246 6
Left Out: 1148.740+/-0.000 χ^2/NDF:2948400706391647243274614358065283072 0.0/7
All: 1133.438+/-0.000 χ^2/NDF: 1844260994 2
Right Out: 1007.906+/-0.000 χ^2/NDF: 6907787800987396562269593962747736883 2.0/15
- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8
Left In: 1269.019+/-0.000 χ^2/NDF:2924895410590342131458430314359658905 6.0/7

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14

Left Out: -5153.756+/-0.000 χ^2/NDF:5284416123644498739880886275329270743 04.0/8

Right Out: -2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

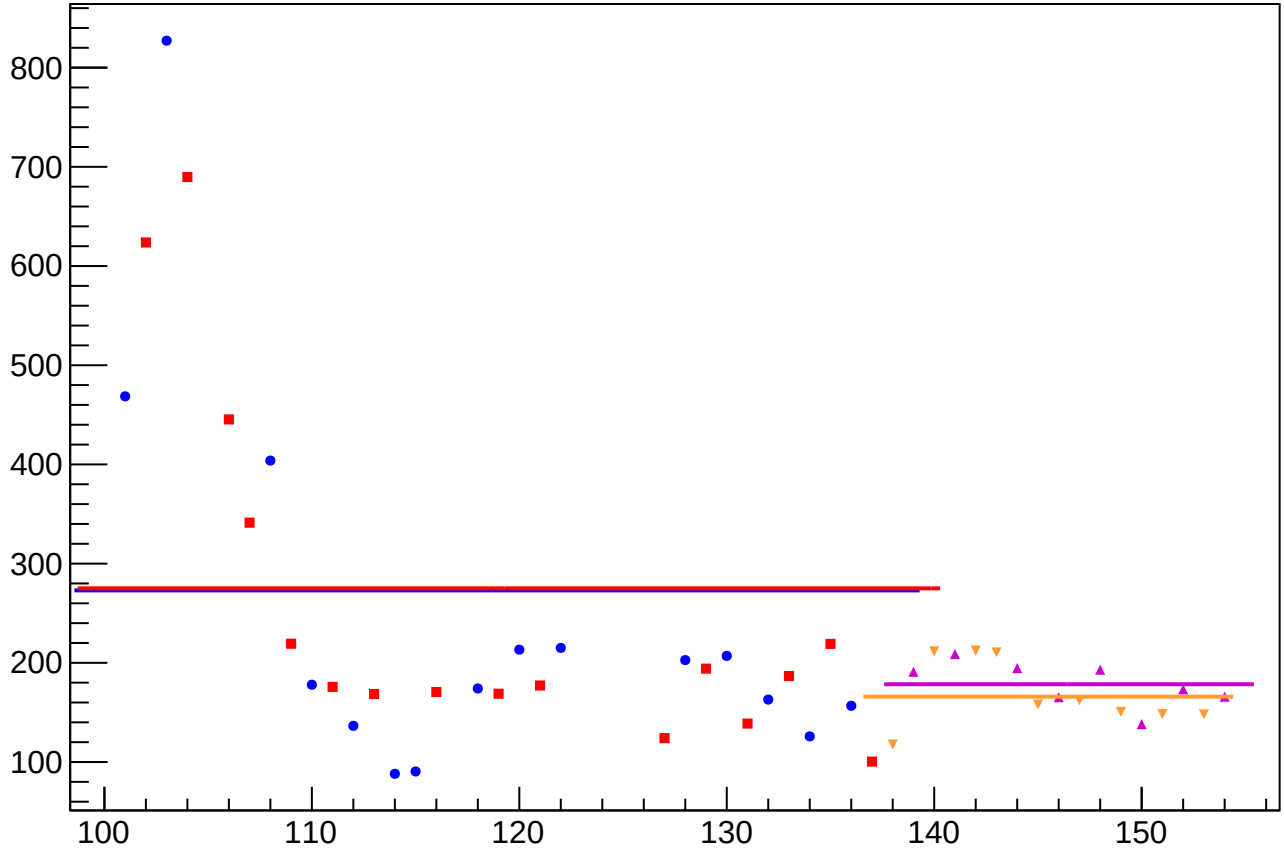
Left In: -5636.211+/-0.000 χ^2/NDF:1504100450031695904697935281932856197 12.0/7

+ sign -4117.298+/-0.000 χ^2/NDF: 2648357117474

All: -4162.730+/-0.000 χ^2/NDF: 6192901224

- sign -4207.190+/-0.000 χ^2/NDF: 3539124730116 1

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 165.869+/-0.000 χ^2/NDF:6618174432920262188685647830245703 68.0/8

Right Out: 275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705 0112.0/15

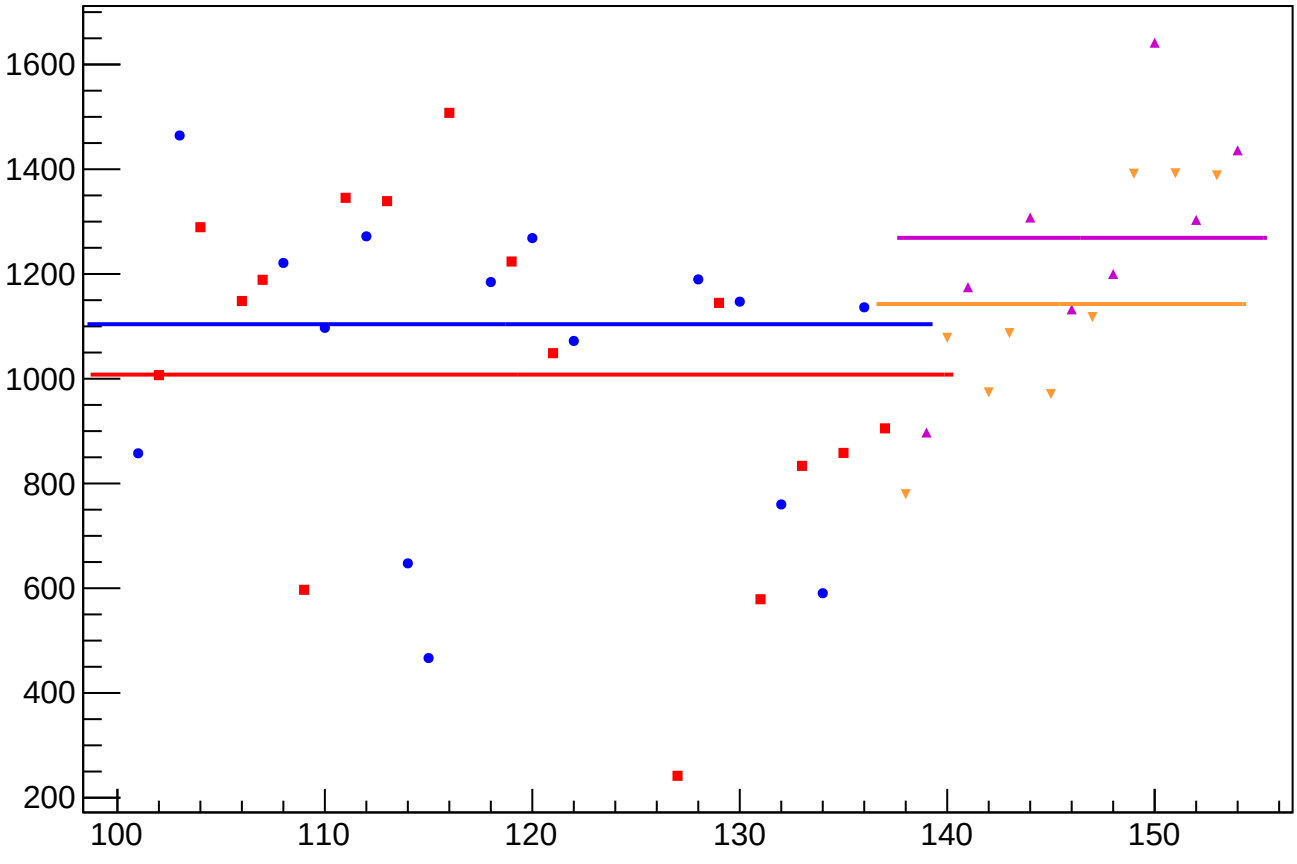
Left In: 178.375+/-0.000 χ^2/NDF:3110751014678570289084766039373250 56.0/7

+ sign 218.283+/-0.000 χ^2/NDF: 309561550586022

All: 222.145+/-0.000 χ^2/NDF: 567381933843

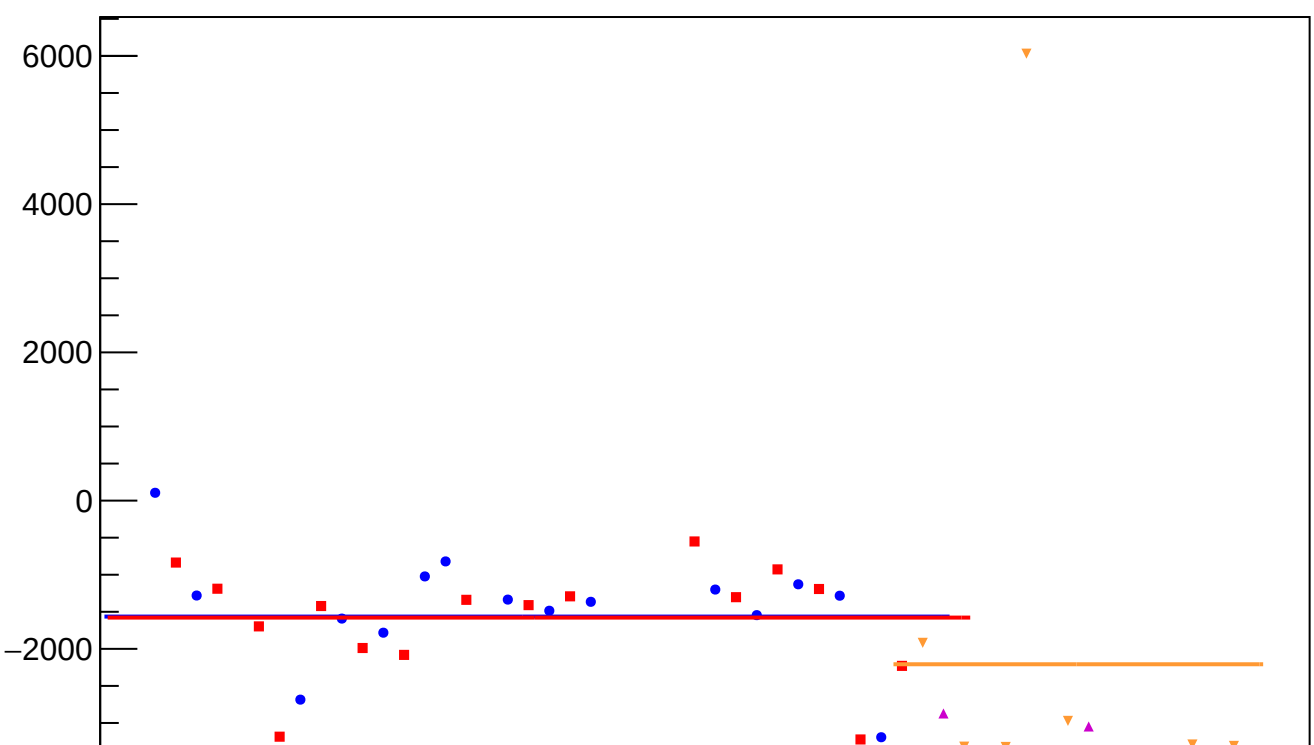
- sign 225.925+/-0.000 χ^2/NDF: 257428677191378

dit_usr_coil3_Ndata_mean vs Slug



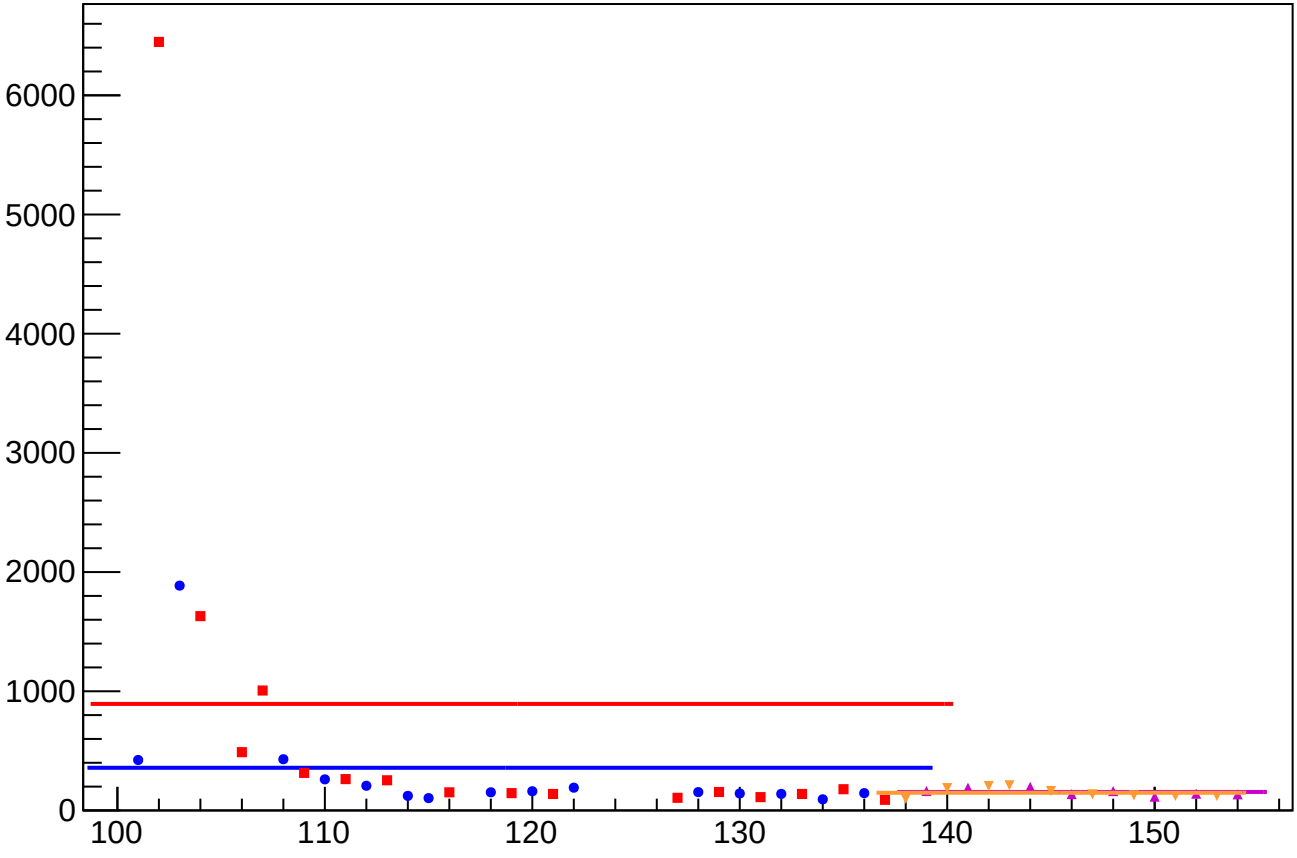
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1123.799+/-0.000 χ^2/NDF: 6294391653648 6
Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8
All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

dit_atl1_coil3_mean vs Slug



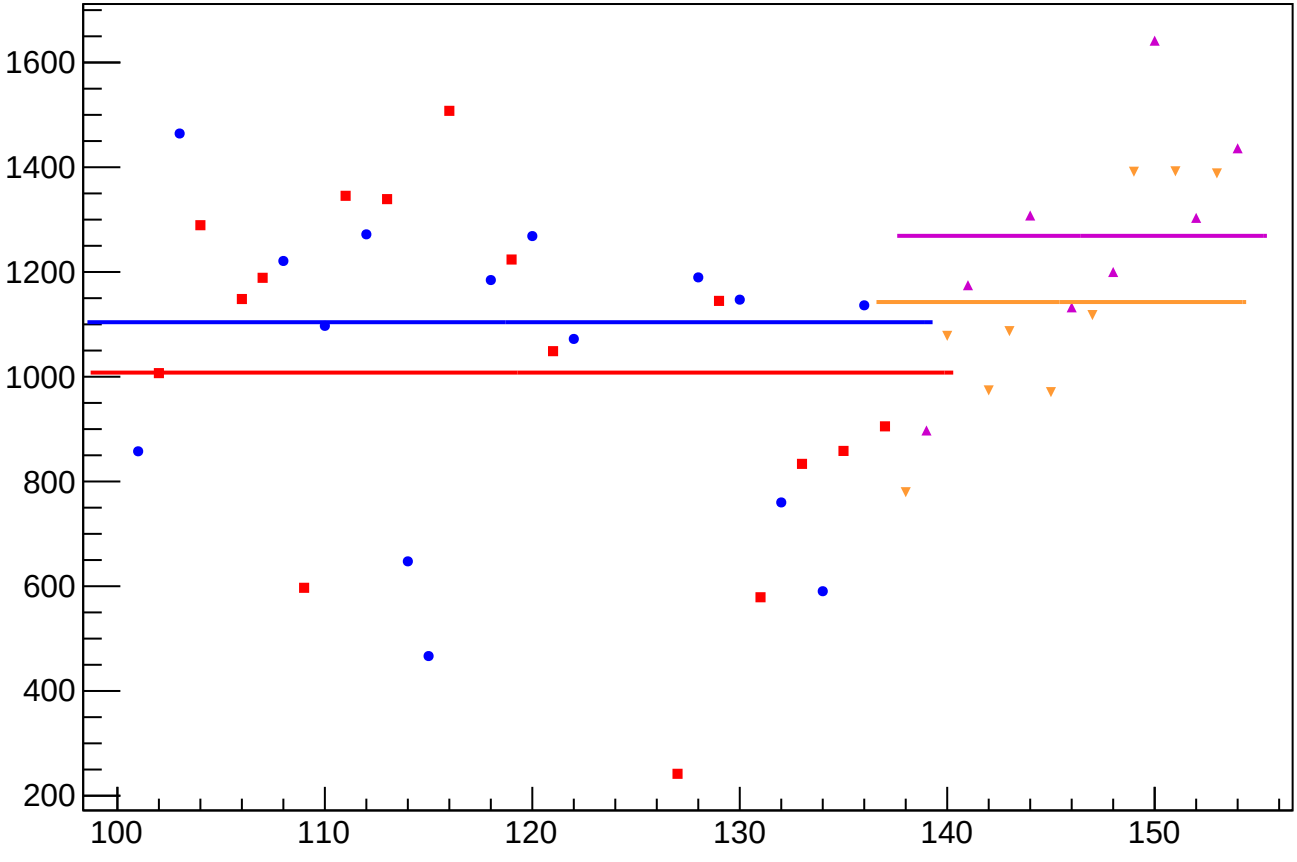
Right In: -1564.595+/-0.000 χ^2/NDF: 4838748009785710425789757570290391449 60.0/14
+ sign -1893.271+/-0.000 χ^2/NDF: 5804307530547
Left Out: -2207.888+/-0.000 χ^2/NDF:5183211537986702201357393337470666407936.0/8
All: -2197.109+/-0.000 χ^2/NDF: 7571839644
Right Out: -1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
- sign -2494.450+/-0.000 χ^2/NDF: 15251408654467
Left In: -3381.464+/-0.000 χ^2/NDF:5460647460366781103847845261124776755 2.0/7

dit_atl1_coil3_err_mean vs Slug



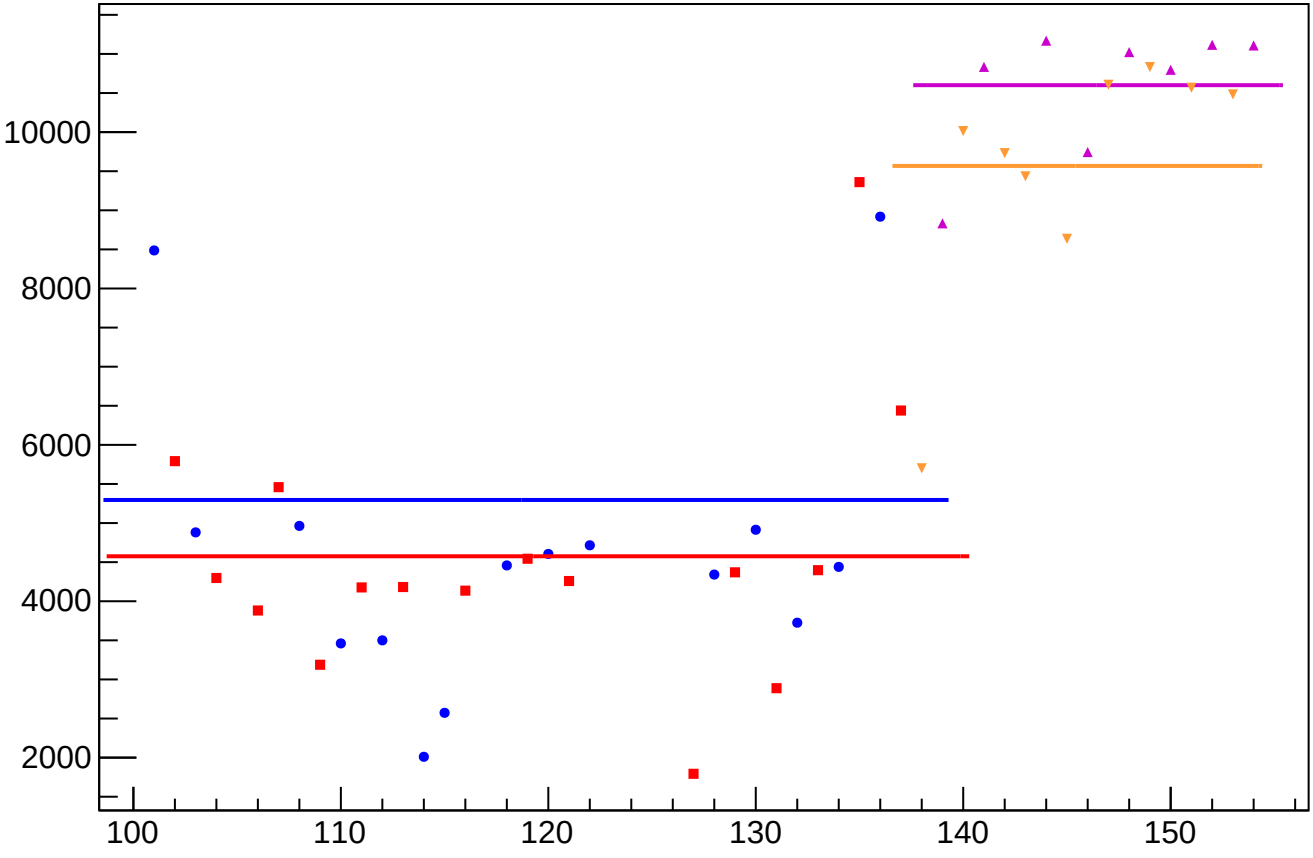
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
+ sign 250.993+/-0.000 χ^2/NDF: 1734189452024 19
Left Out: 148.486+/-0.000 χ^2/NDF:9294860051951968448278091276736266 24.0/8
All: 386.217+/-0.000 χ^2/NDF: 2482790175 03
Right Out: 893.897+/-0.000 χ^2/NDF: 2075920155774201043572695656797803905024.0/15
- sign 518.550+/-0.000 χ^2/NDF: 226136011821936
Left In: 155.187+/-0.000 χ^2/NDF:4991321904653309515535902900958003 20.0/7

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1123.799+/-0.000 χ^2/NDF: 6294391653648 6
Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8
All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Left Out: 9567.665+/-0.000 χ^2/NDF:1622054916436427539297095319099988246528.0/8

Right Out: 4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

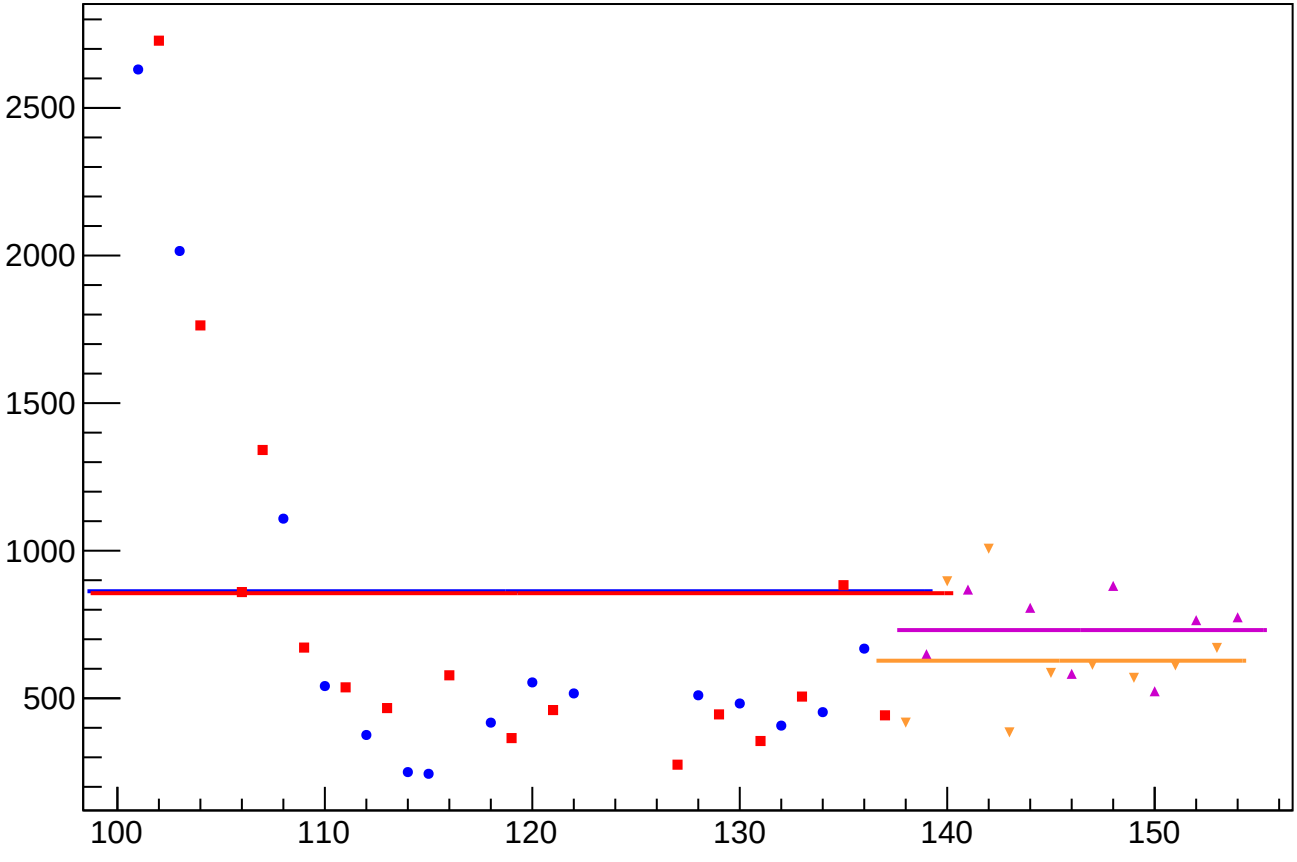
Left In: 10600.410+/-0.000 χ^2/NDF:4118291741405643213755972828678712197 12.0/7

+ sign 7478.257+/-0.000 χ^2/NDF: 1017974986512 5

All: 7558.343+/-0.000 χ^2/NDF: 2477498291 5

- sign 7636.716+/-0.000 χ^2/NDF: 1457839282898 4

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14

Left Out: 627.340+/-0.000 χ^2/NDF:20553975048670827176125379424548814848.0/8

Right Out: 856.059+/-0.000 χ^2/NDF: 327195216546444767148716224688288694272.0/15

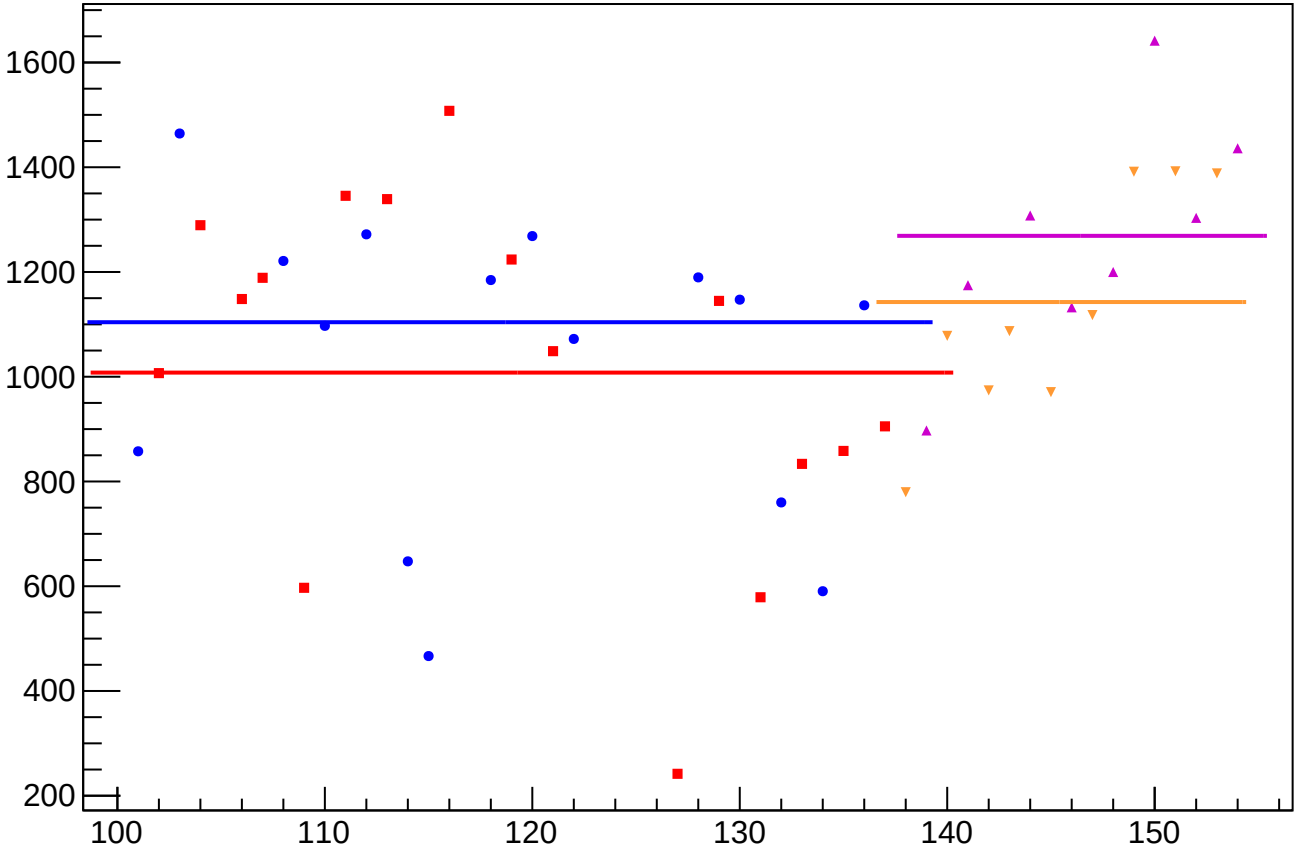
Left In: 731.081+/-0.000 χ^2/NDF:105289046642278685457896489113553469 44.0/7

+ sign 742.440+/-0.000 χ^2/NDF: 37660355210983 0

All: 767.769+/-0.000 χ^2/NDF: 72130575771 8

- sign 792.556+/-0.000 χ^2/NDF: 343017728691195

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

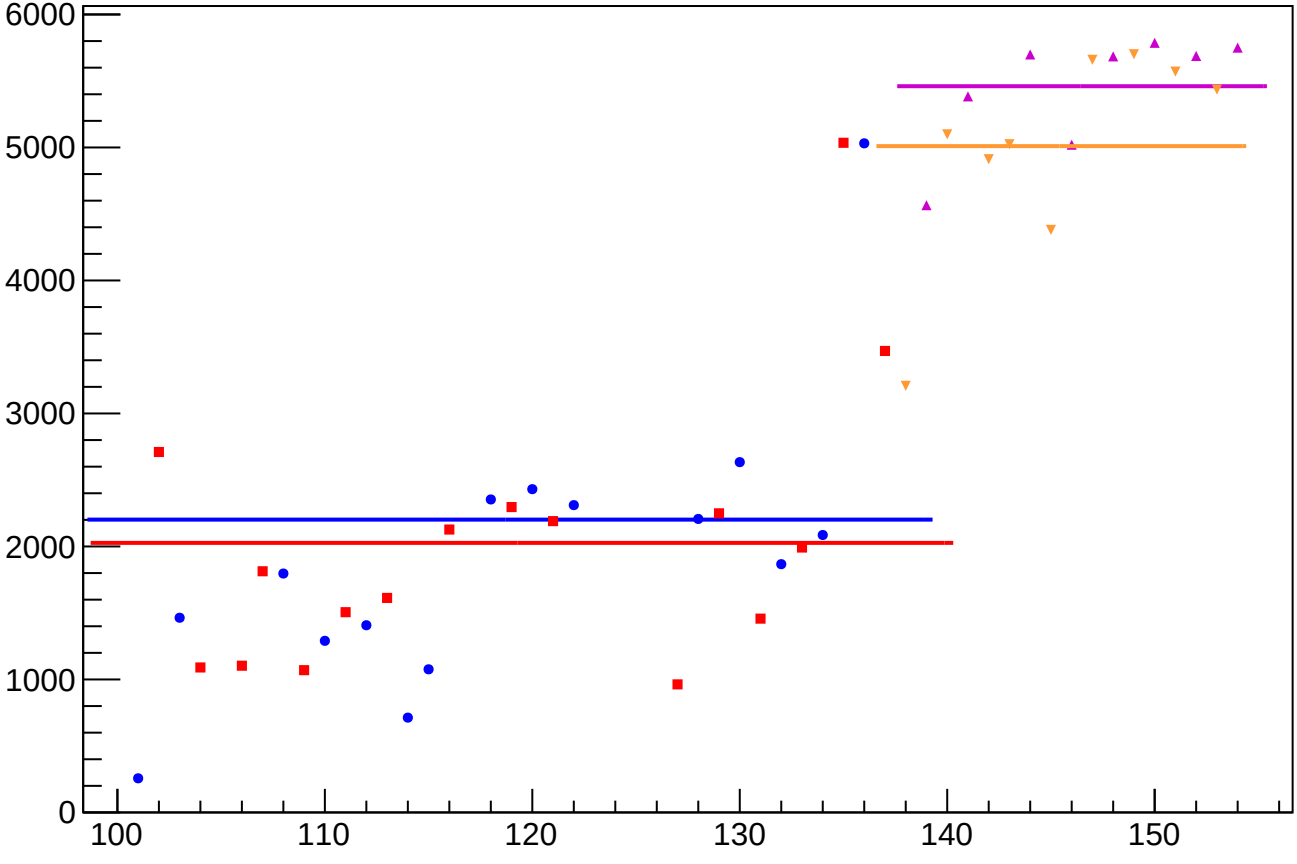
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

+ sign 1123.799+/-0.000 χ^2/NDF: 6294391653648 6

All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9

- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14

+ sign 3636.692+/-0.000 χ^2/NDF: 4100805825738

Left Out: 5010.168+/-0.000 χ^2/NDF:399102734987713018876855709347581263872.0/8

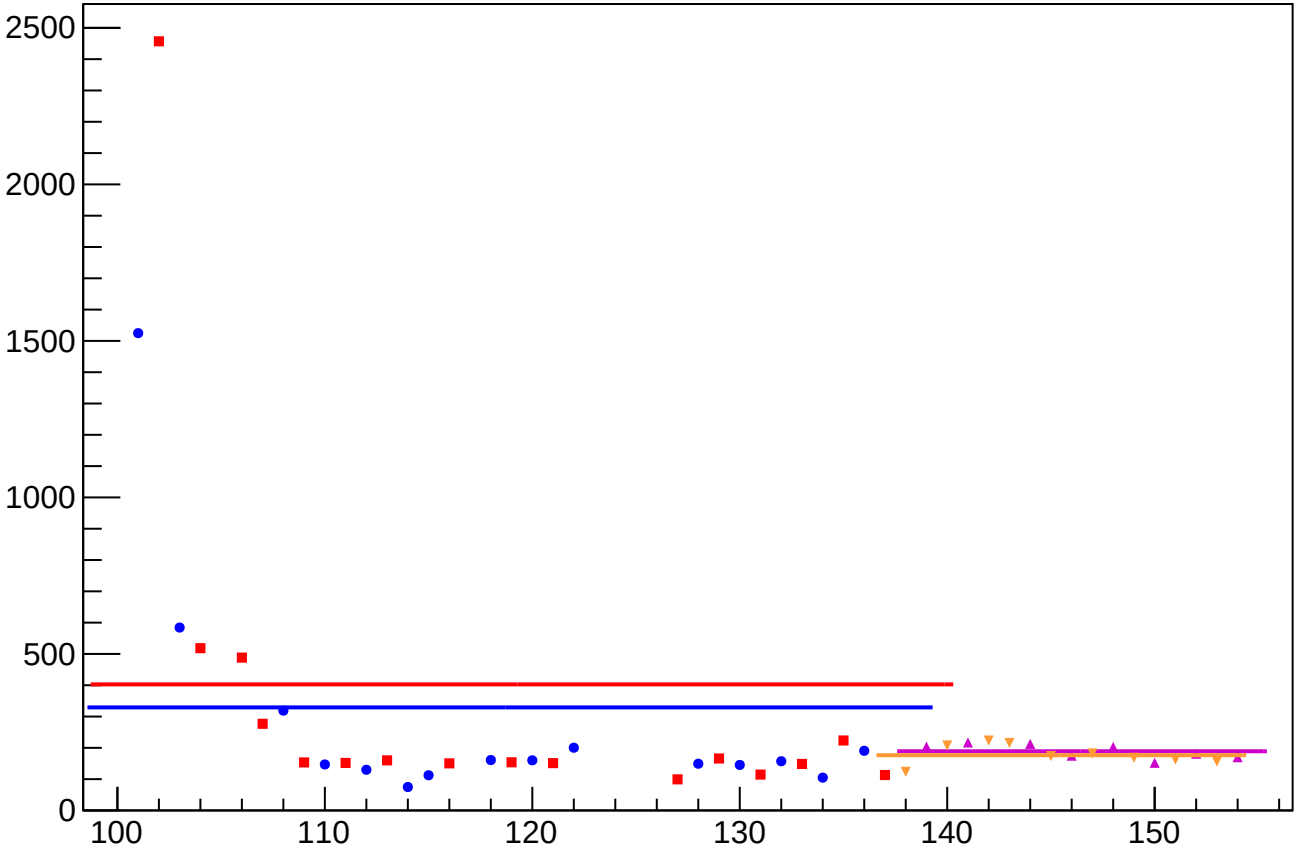
All: 3704.874+/-0.000 χ^2/NDF: 8929515474

Right Out: 2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15

- sign 3771.598+/-0.000 χ^2/NDF: 48165037214577

Left In: 5460.520+/-0.000 χ^2/NDF:112366287124810410809571769221797380096.0/7

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Left Out: 176.400+/-0.000 χ^2/NDF:5597645899985761415310348737954447 36.0/8

Right Out: 402.690+/-0.000 χ^2/NDF: 2776360567932933742421160535150034944 00.0/15

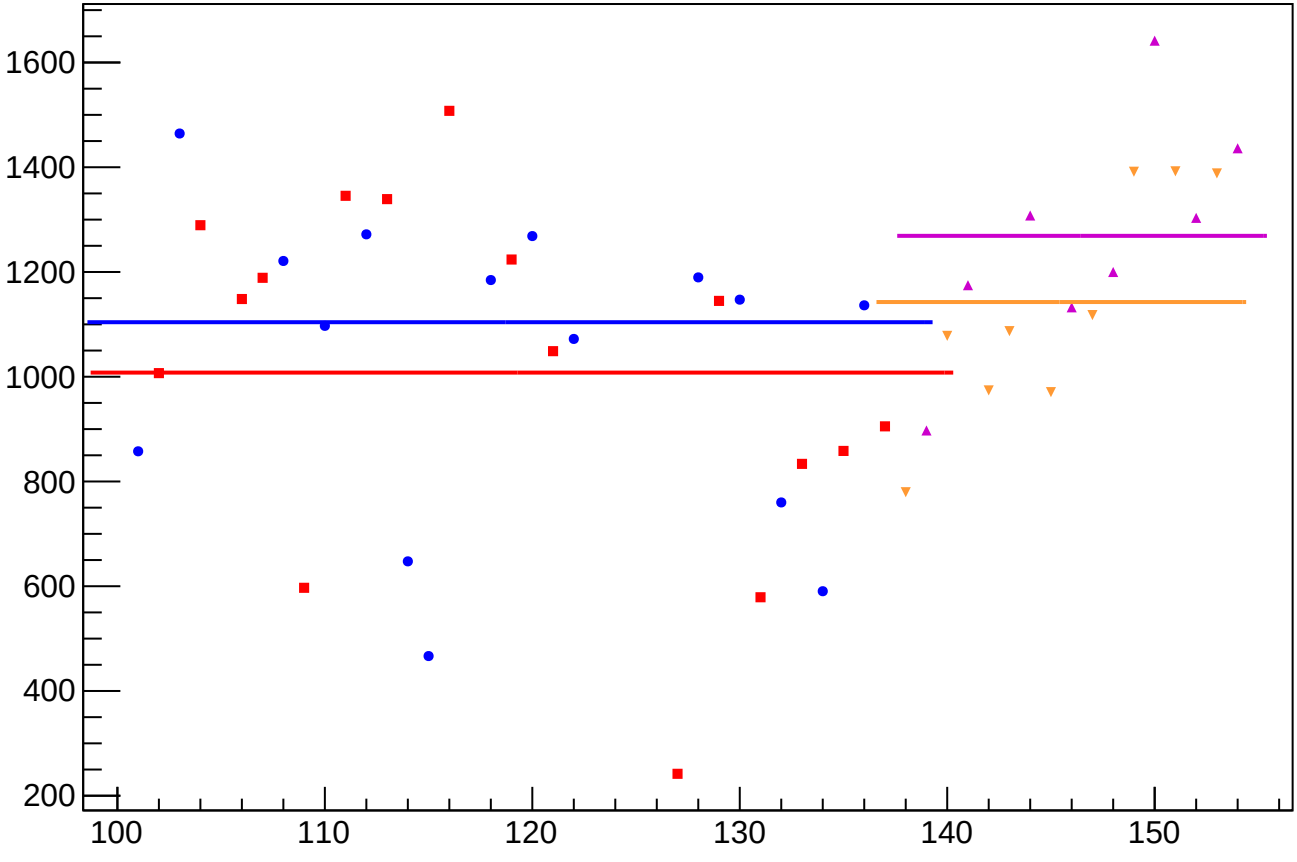
Left In: 189.058+/-0.000 χ^2/NDF:3266343326115167598262692587566530 56.0/7

+ sign 251.145+/-0.000 χ^2/NDF: 111589730994156

All: 272.875+/-0.000 χ^2/NDF: 406259777252

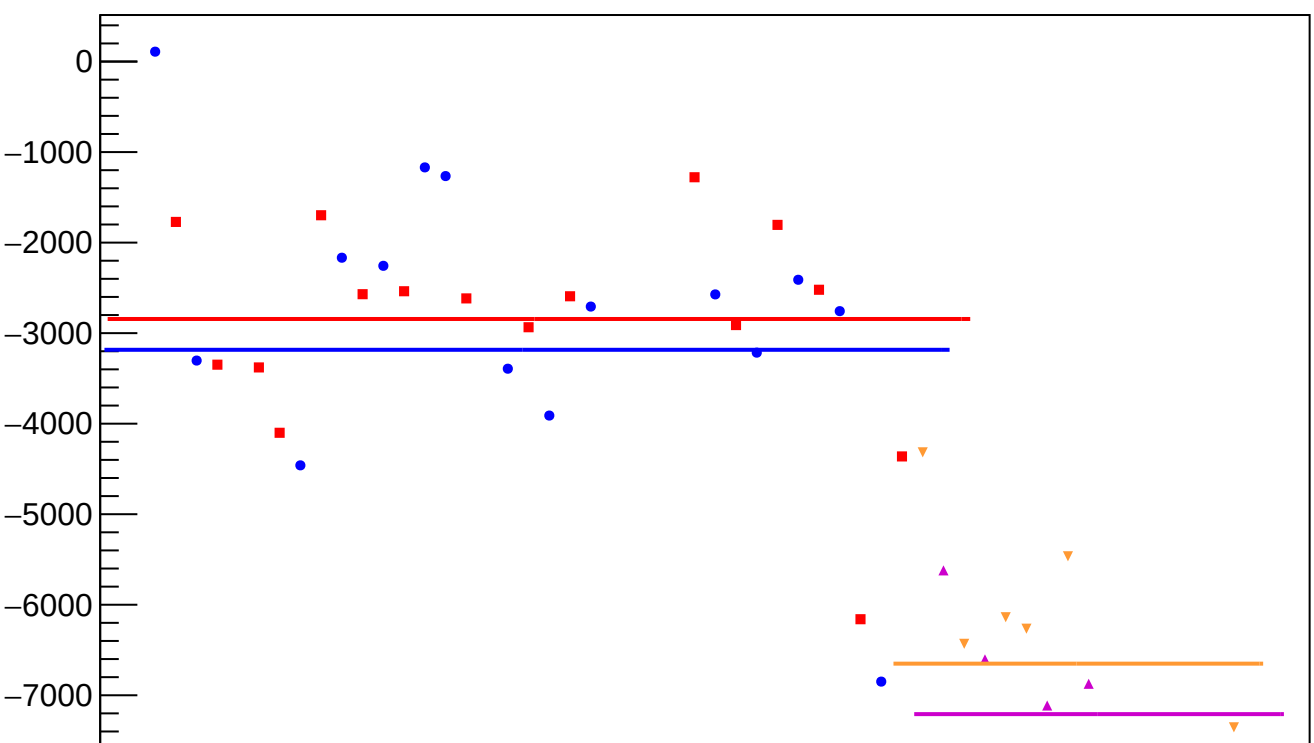
- sign 294.141+/-0.000 χ^2/NDF: 293430187712660

dit_atr1_coil3_Ndata_mean vs Slug



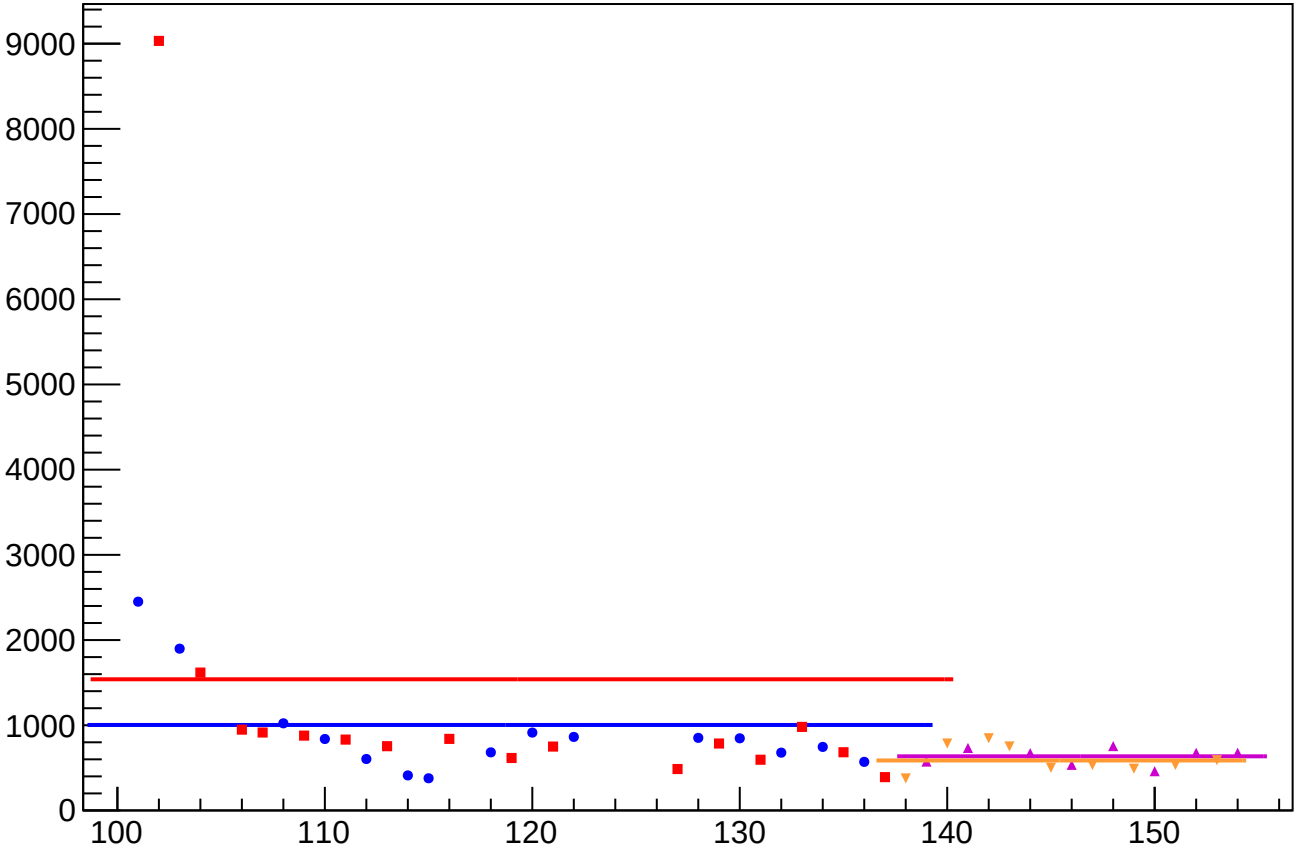
Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1123.799+/-0.000 χ^2/NDF: 62943916536486
Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8
All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1140.580+/-0.000 χ^2/NDF: 12143382454978
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

dit_atr2_coil3_mean vs Slug



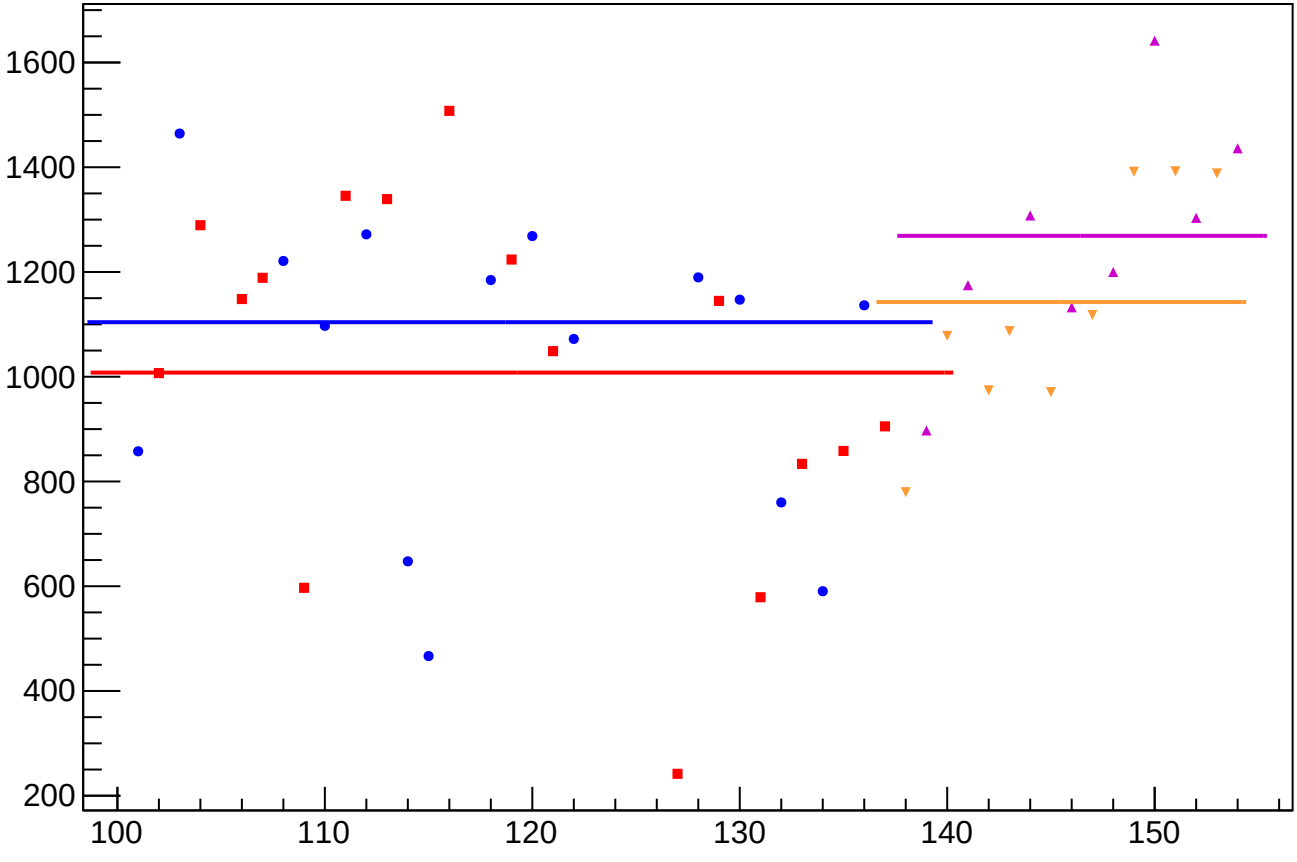
Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14
+ sign -4955.202+/-0.000 χ^2/NDF: 7072472199621
Left Out: -6650.713+/-0.000 χ^2/NDF:952282056990210008936889657445912150016.0/8
All: -5008.834+/-0.000 χ^2/NDF: 1486459019
Right Out: -2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15
- sign -5061.319+/-0.000 χ^2/NDF: 7784565735772 5
Left In: -7208.228+/-0.000 χ^2/NDF:381236106651605891799400646767529689088.0/7

dit_atr2_coil3_err_mean vs Slug



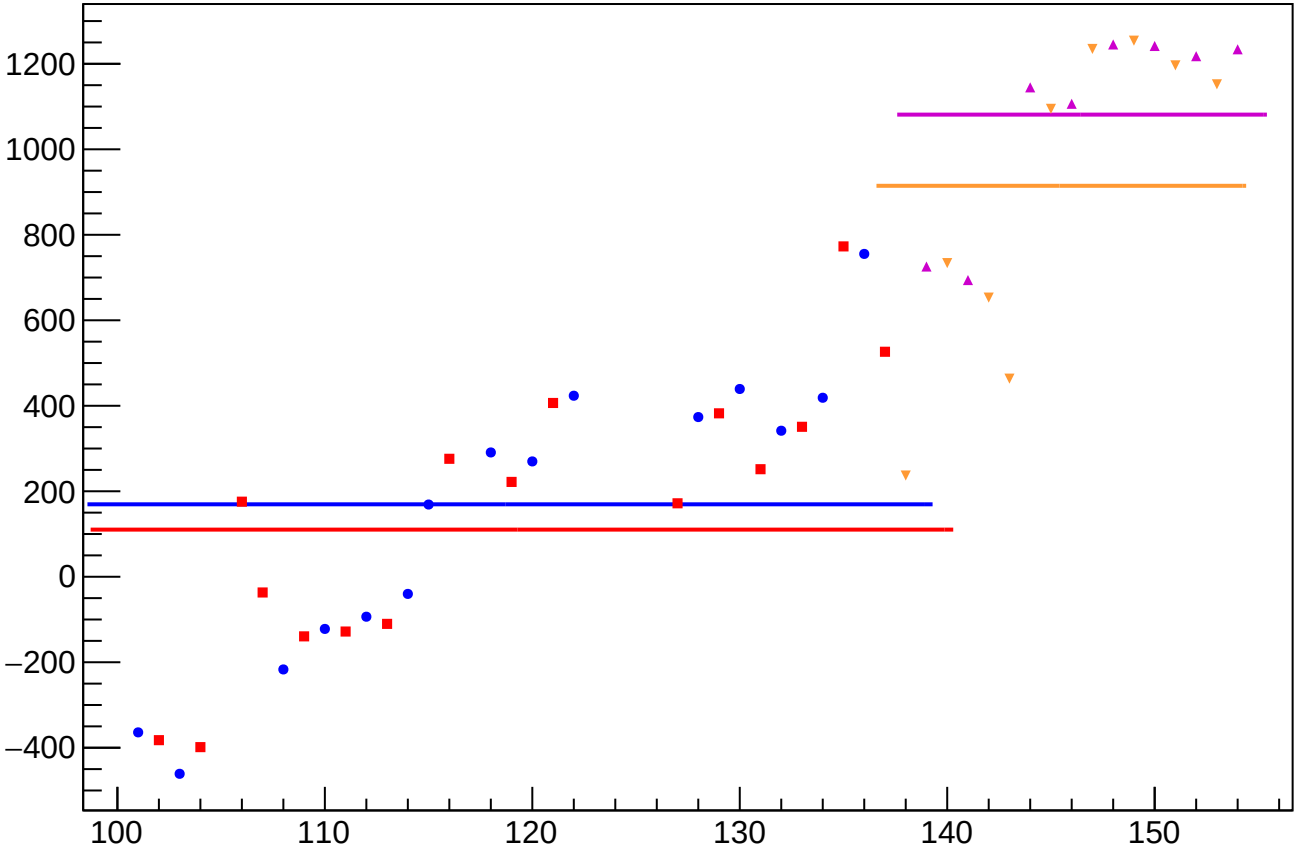
Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14
+ sign 790.486+/-0.000 χ^2/NDF: 29085995834884
Left Out: 586.673+/-0.000 χ^2/NDF:1345804822186748985335662817898292838 4.0/8
All: 936.887+/-0.000 χ^2/NDF: 42453475941
Right Out: 1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15
- sign 1080.157+/-0.000 χ^2/NDF: 38982121419134
Left In: 635.415+/-0.000 χ^2/NDF:63804430670815348634071941451979161 60.0/7

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1123.799+/-0.000 χ^2/NDF: 62943916536486
Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8
All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1140.580+/-0.000 χ^2/NDF: 12143382454978
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Left Out: 914.620+/-0.000 χ^2/NDF:865090774896679340879164867460936499 20.0/8

Right Out: 110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

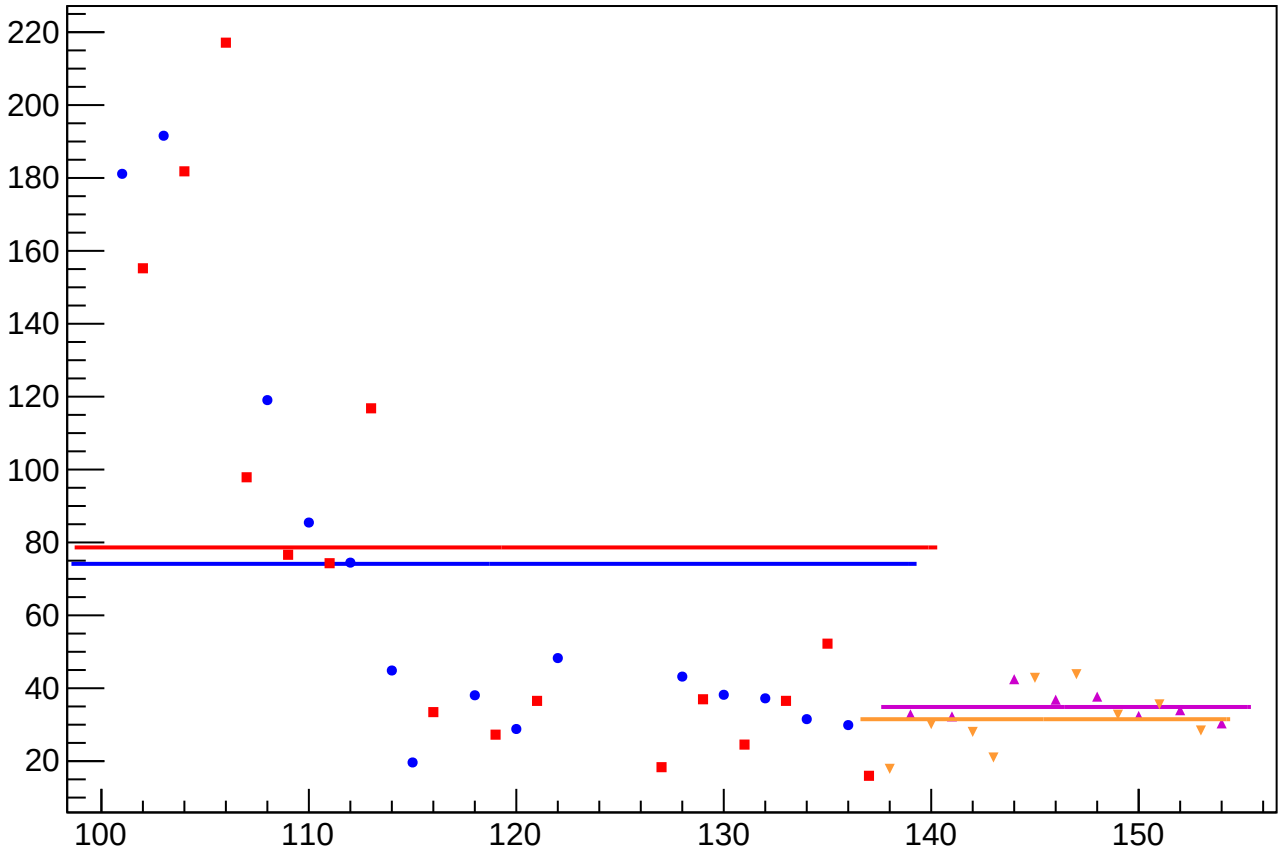
Left In: 1081.150+/-0.000 χ^2/NDF:316915681661238609054339968527698493 44.0/7

+ sign 550.197+/-0.000 χ^2/NDF: 366051332751601

All: 577.184+/-0.000 χ^2/NDF: 79087376092 5

- sign 603.595+/-0.000 χ^2/NDF: 422910078307553

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

Left Out: 31.504+/-0.000 χ^2/NDF:4711122456991717000524913205418393 6.0/8

Right Out: 78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

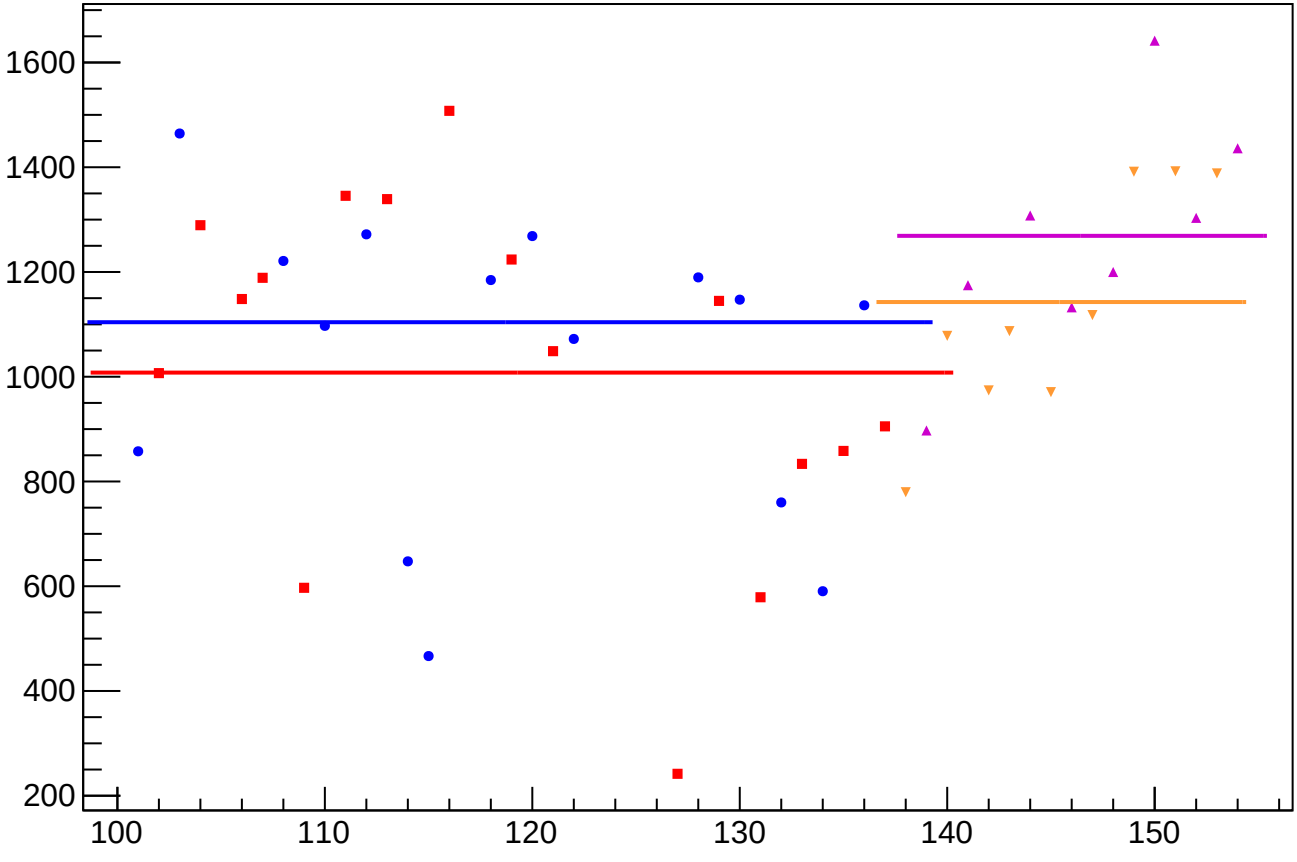
Left In: 34.860+/-0.000 χ^2/NDF:9501011910420551703094358119022592.0/7

+ sign 52.350+/-0.000 χ^2/NDF: 2817956065958234

All: 54.393+/-0.000 χ^2/NDF: 583102358761 7

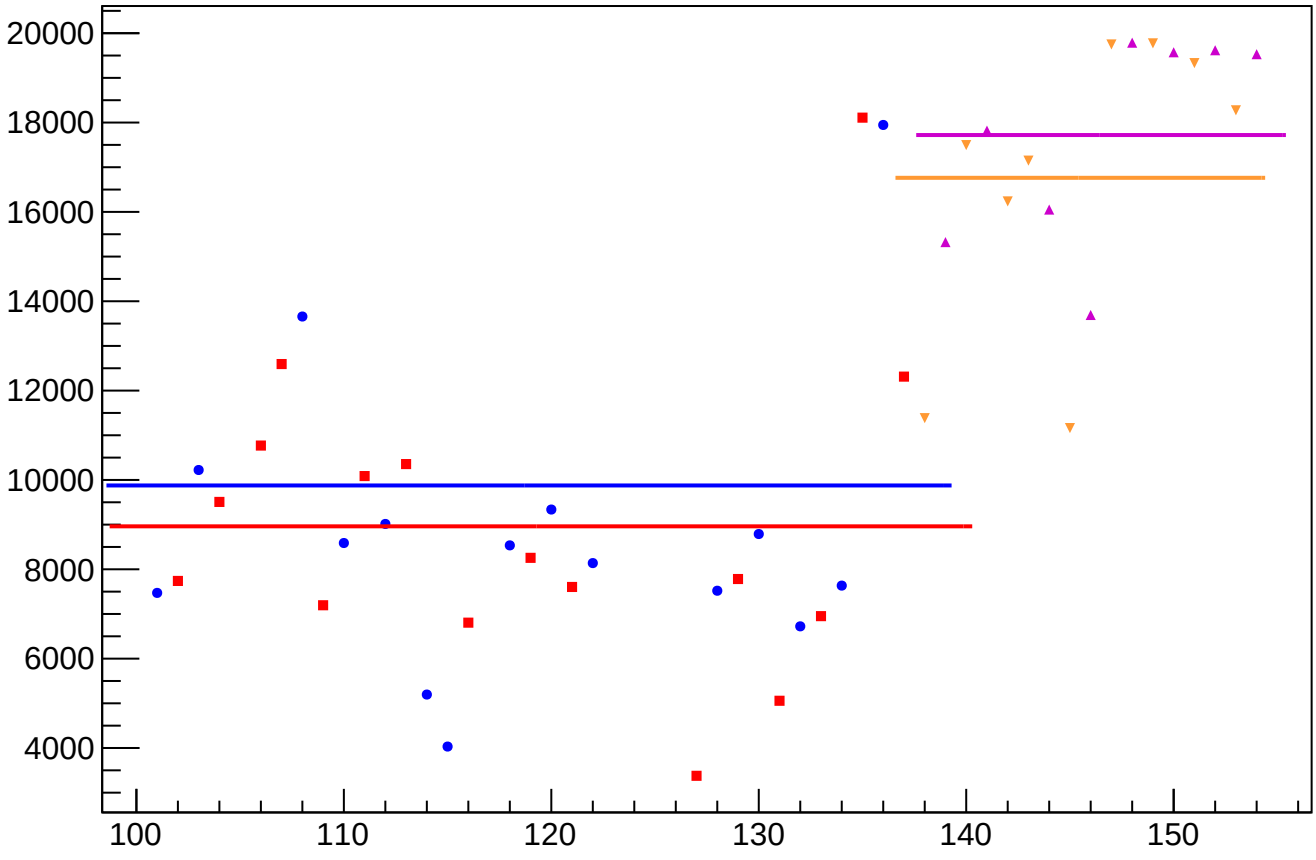
- sign 56.391+/-0.000 χ^2/NDF: 3002116718178149

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1123.799+/-0.000 χ^2/NDF: 6294391653648 6
Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8
All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

+ sign 13395.017+/-0.000 χ^2/NDF: 3123233042054

Left Out: 16763.008+/-0.000 χ^2/NDF:7023713666736556637188379570436090888192.0/8

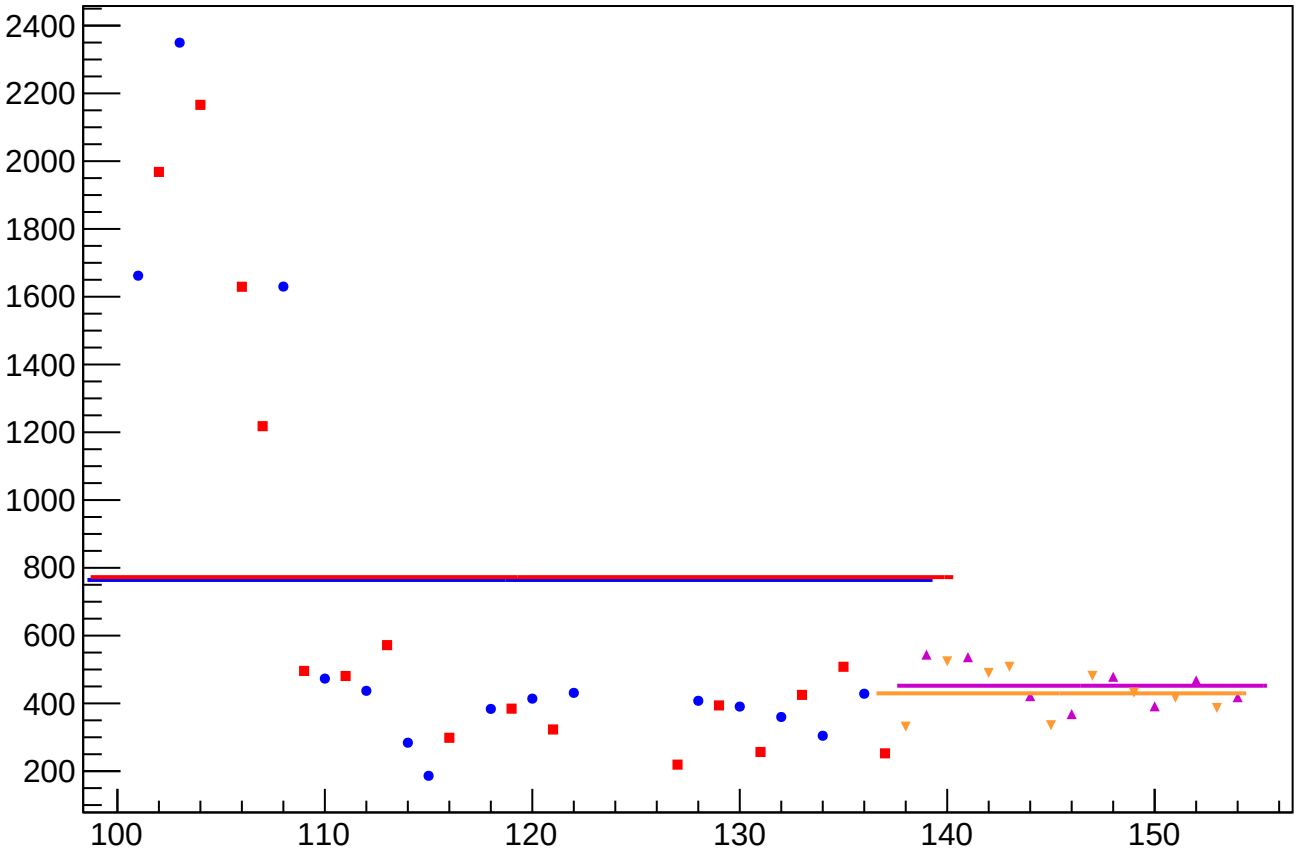
All: 13403.656+/-0.000 χ^2/NDF: 681537446

Right Out: 8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

- sign 13412.110+/-0.000 χ^2/NDF: 3692121832067

Left In: 17720.521+/-0.000 χ^2/NDF:3336653864318630296384614866346022273024.0/7

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14

Left Out: 429.645+/-0.000 χ^2/NDF:3158343638515762648169058961455054848.0/8

Right Out: 772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15

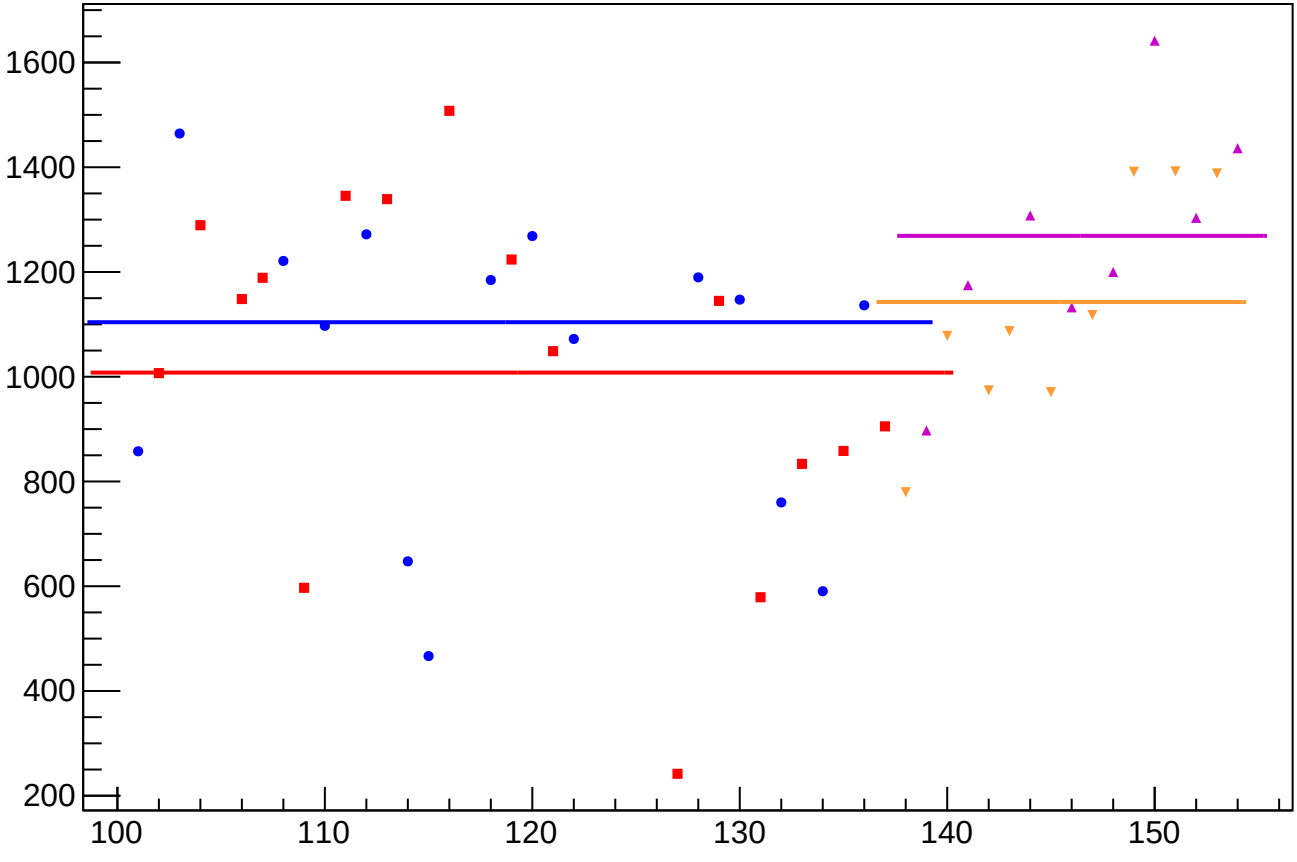
Left In: 452.118+/-0.000 χ^2/NDF:246924864568735392078876214912719 2576.0/7

+ sign 593.308+/-0.000 χ^2/NDF: 33125576420328

All: 601.609+/-0.000 χ^2/NDF: 65460583839

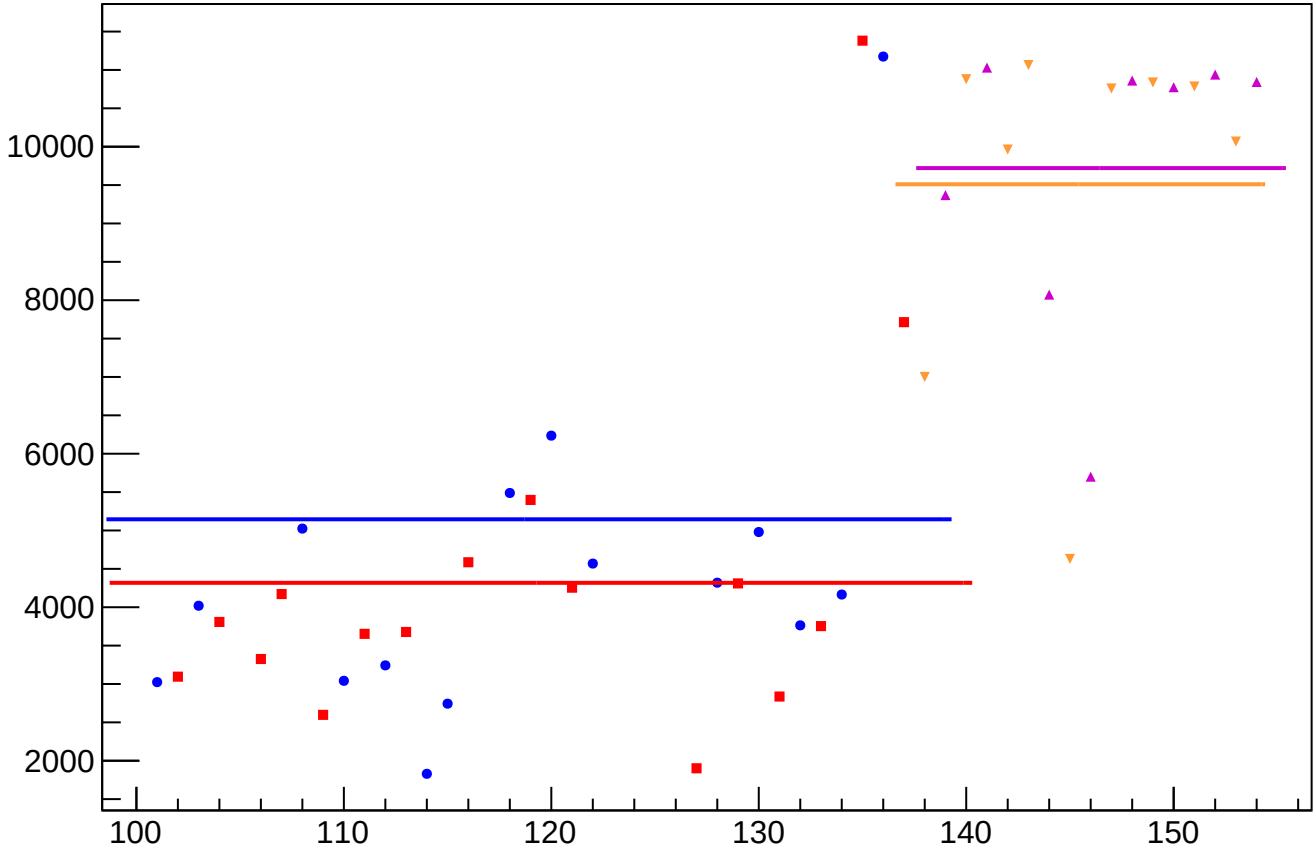
- sign 609.733+/-0.000 χ^2/NDF: 323169138455242

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1123.799+/-0.000 χ^2/NDF: 62943916536486
Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8
All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1140.580+/-0.000 χ^2/NDF: 12143382454978
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Left Out: 9510.543+/-0.000 χ^2/NDF:316662325143230050230753553847908355276 8.0/8

Right Out: 4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661 6576.0/15

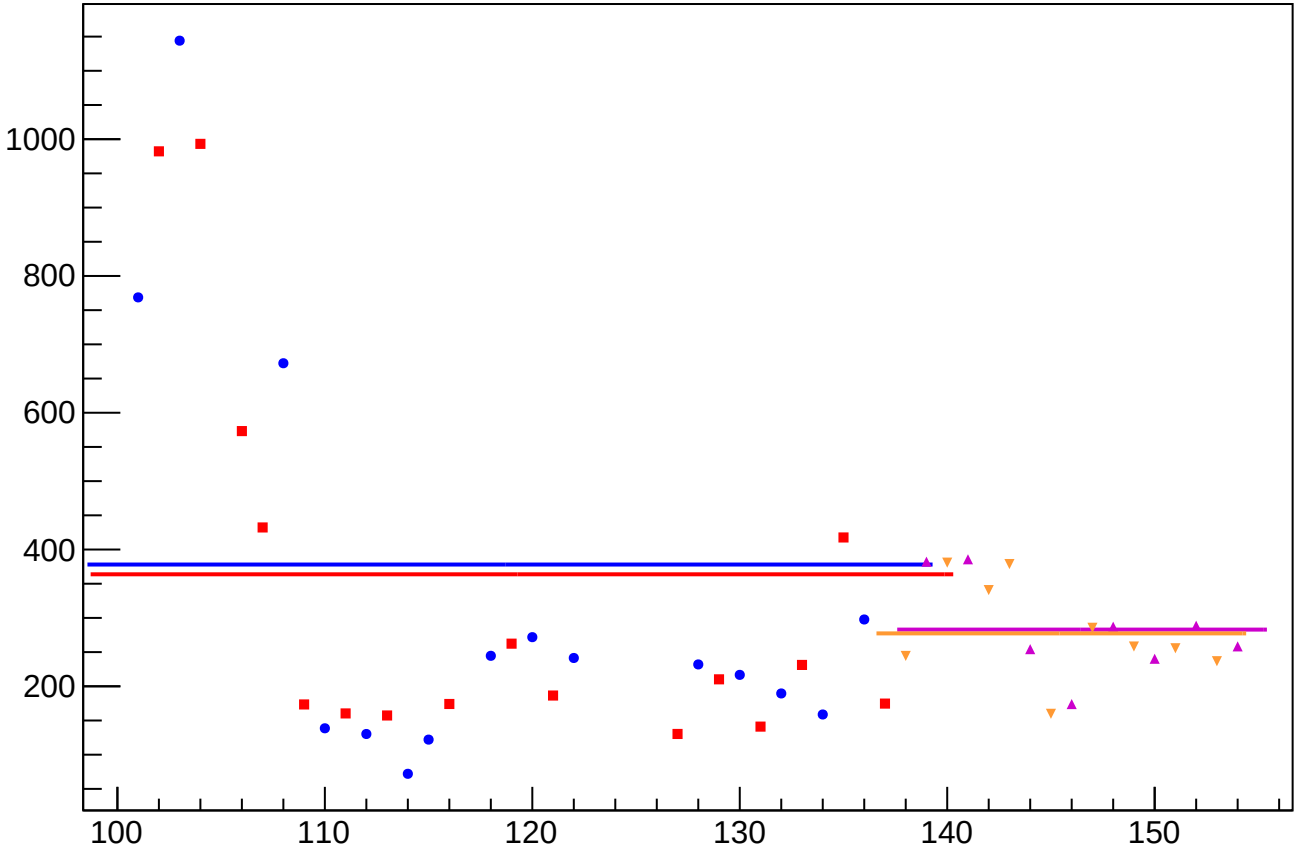
Left In: 9721.297+/-0.000 χ^2/NDF:2190347482189239494366244430265295306752.0/7

+ sign 7375.795+/-0.000 χ^2/NDF: 1375704791878 4

All: 7217.981+/-0.000 χ^2/NDF: 2925221016 9

- sign 7063.542+/-0.000 χ^2/NDF: 1542977082235 3

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Left Out: 277.358+/-0.000 χ^2/NDF:316892310482471147602436128743253606 4.0/8

Right Out: 363.772+/-0.000 χ^2/NDF: 590313374847098018041814393427066880 00.0/15

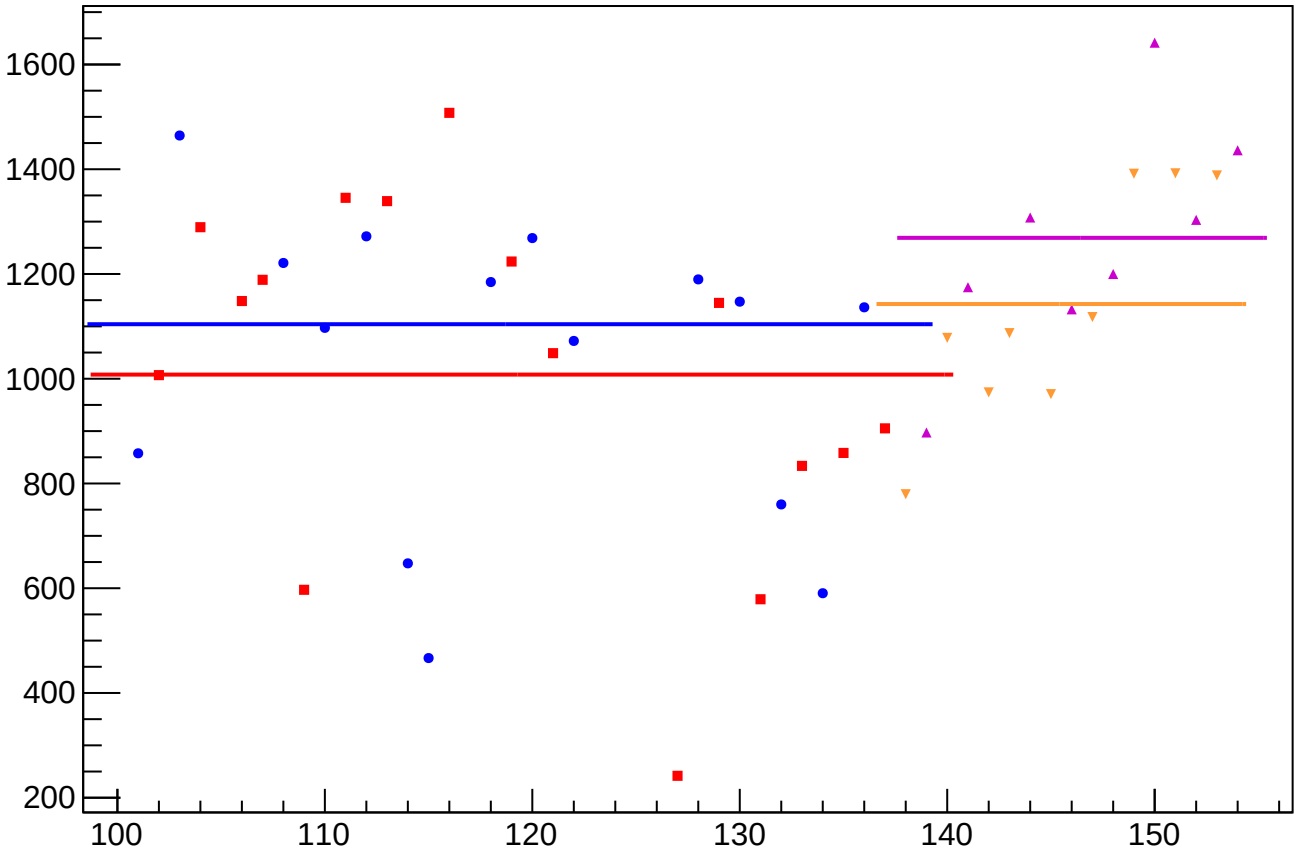
Left In: 282.911+/-0.000 χ^2/NDF:297750923534085491939401376873840640 0.0/7

+ sign 326.605+/-0.000 χ^2/NDF: 680476138463345

All: 324.624+/-0.000 χ^2/NDF: 13228273930 6

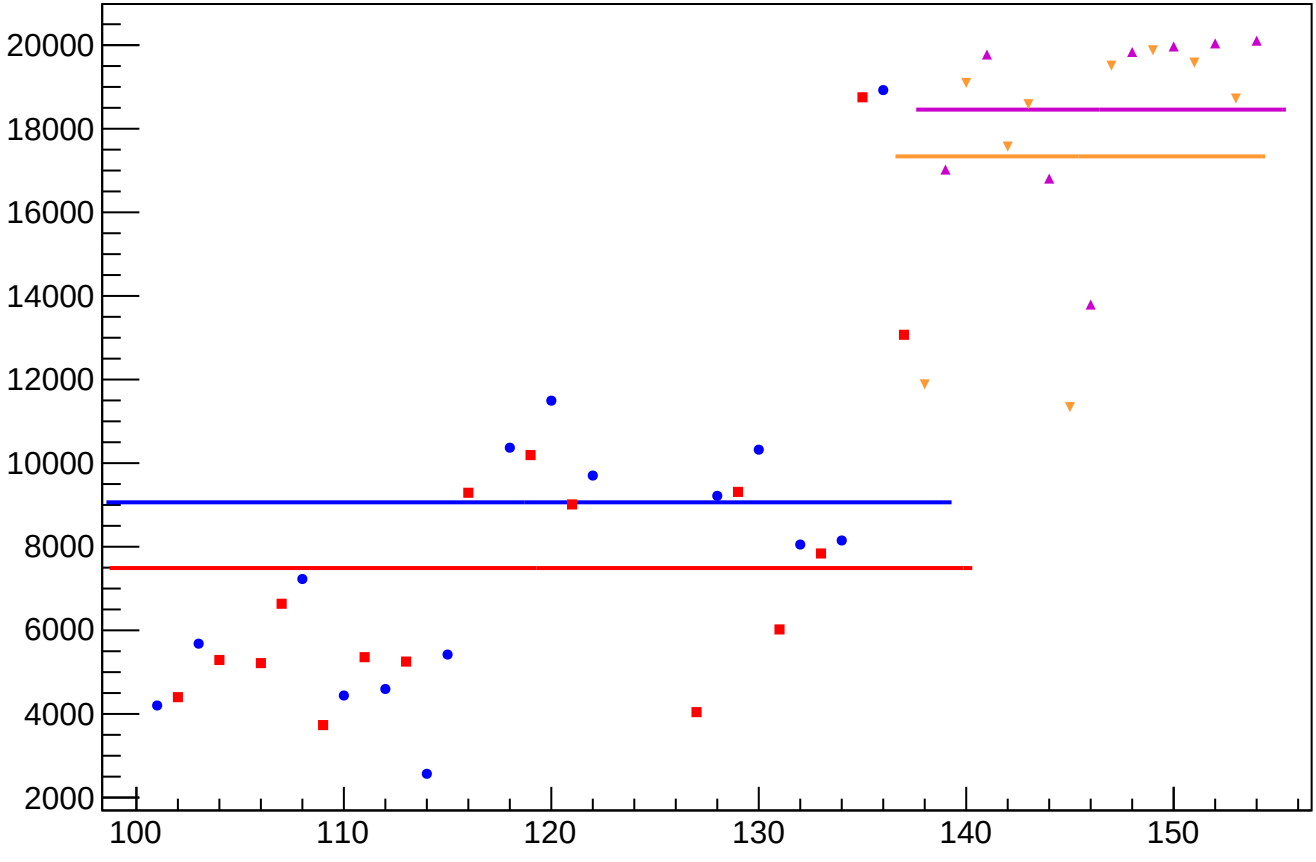
- sign 322.686+/-0.000 χ^2/NDF: 642248257880245

dit_sam3_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1123.799+/-0.000 χ^2/NDF: 6294391653648 6
Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8
All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

Left Out: 17338.473+/-0.000 χ^2/NDF:7054416793024269146409791453725909319680.0/8

Right Out: 7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

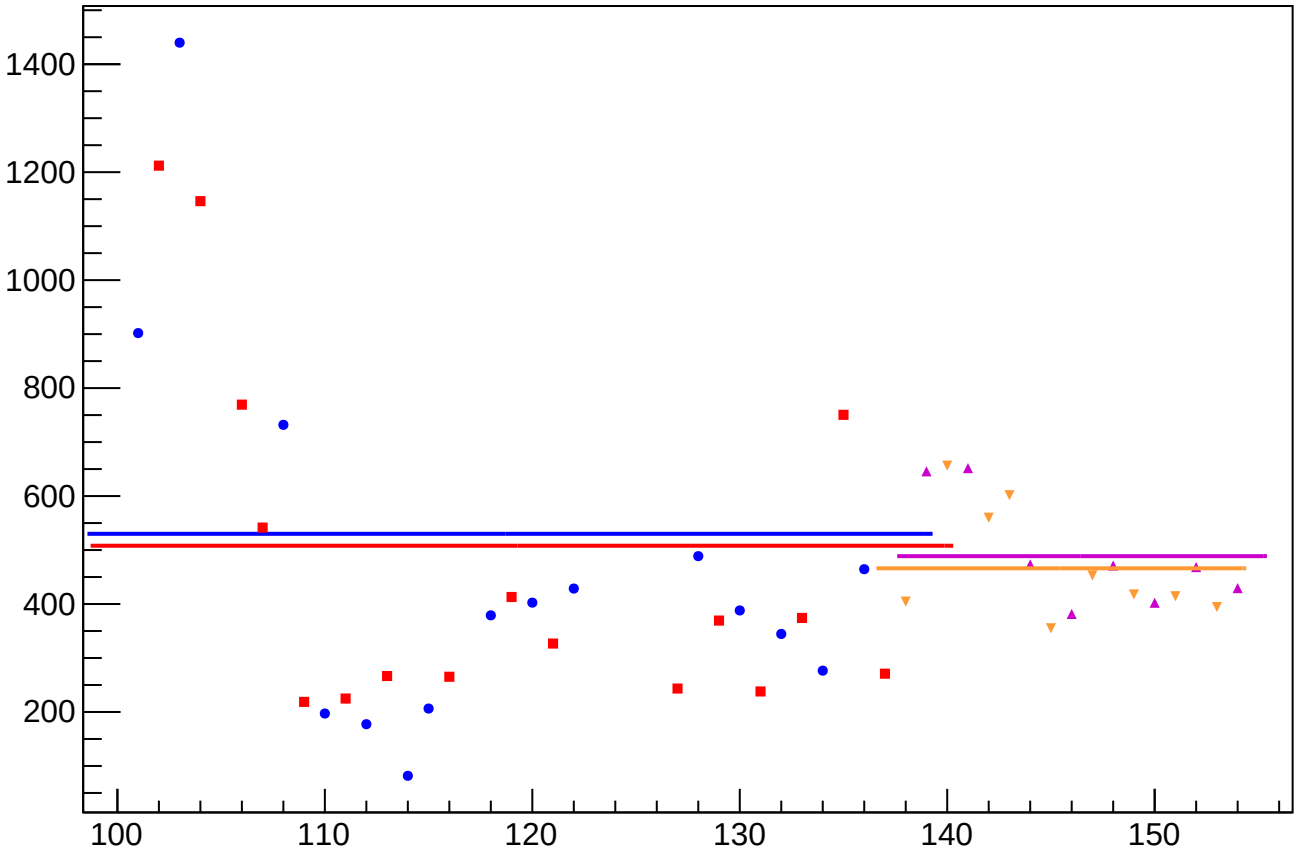
Left In: 18457.423+/-0.000 χ^2/NDF:3189571344968433296954058125794867150848.0/7

+ sign 13291.020+/-0.000 χ^2/NDF: 4338561002382

All: 13175.653+/-0.000 χ^2/NDF: 9748290670

- sign 13062.753+/-0.000 χ^2/NDF: 5406235078044

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF: 78754676063063255524046471751880671232.0/14

Left Out: 466.141+/-0.000 χ^2/NDF:67505461308940333698935736301917306 88.0/8

Right Out: 507.987+/-0.000 χ^2/NDF: 76689734698308464337881841969555046400.0/15

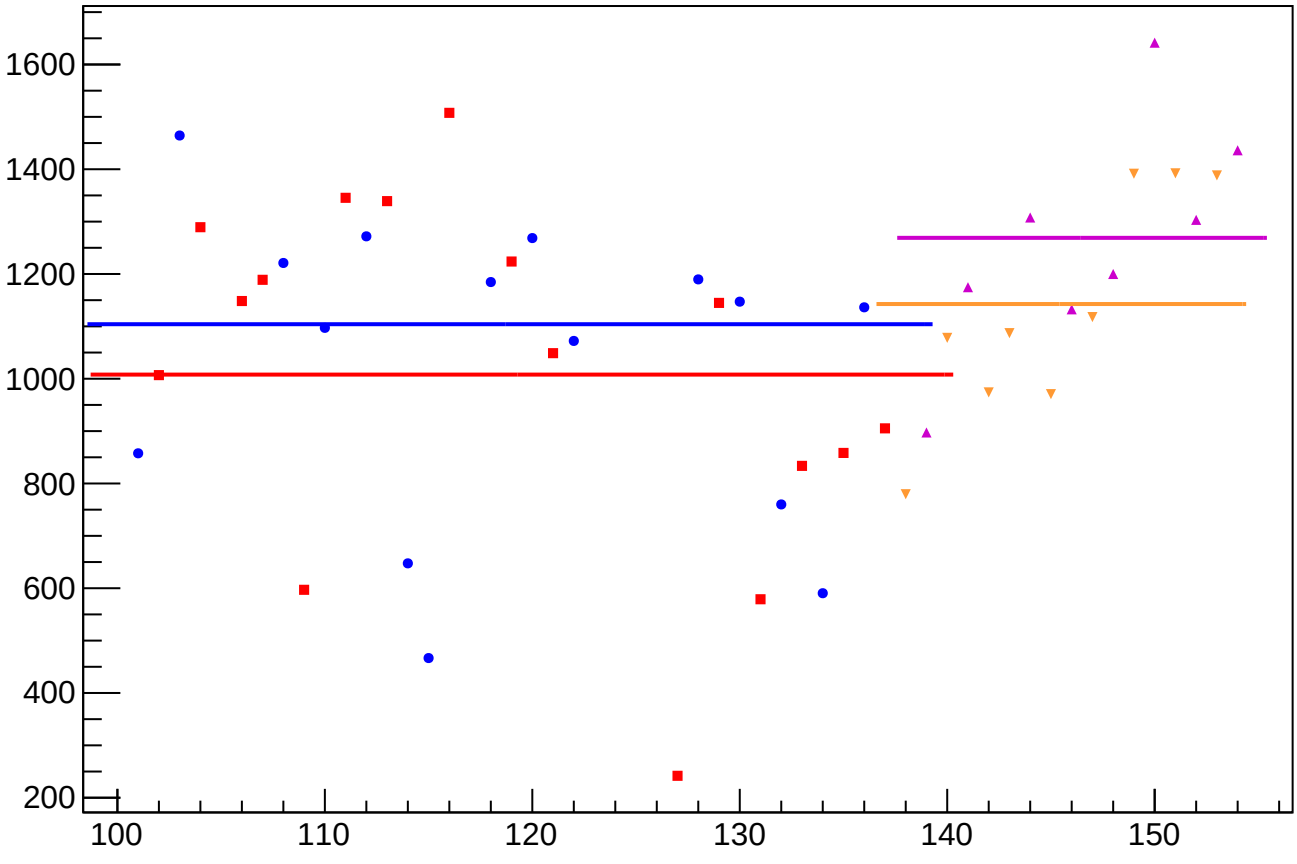
Left In: 488.681+/-0.000 χ^2/NDF:62832699897788359714671485609679257 60.0/7

+ sign 497.401+/-0.000 χ^2/NDF: 86859877901698 0

All: 497.793+/-0.000 χ^2/NDF: 16995960456 4

- sign 498.177+/-0.000 χ^2/NDF: 830993221759310

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

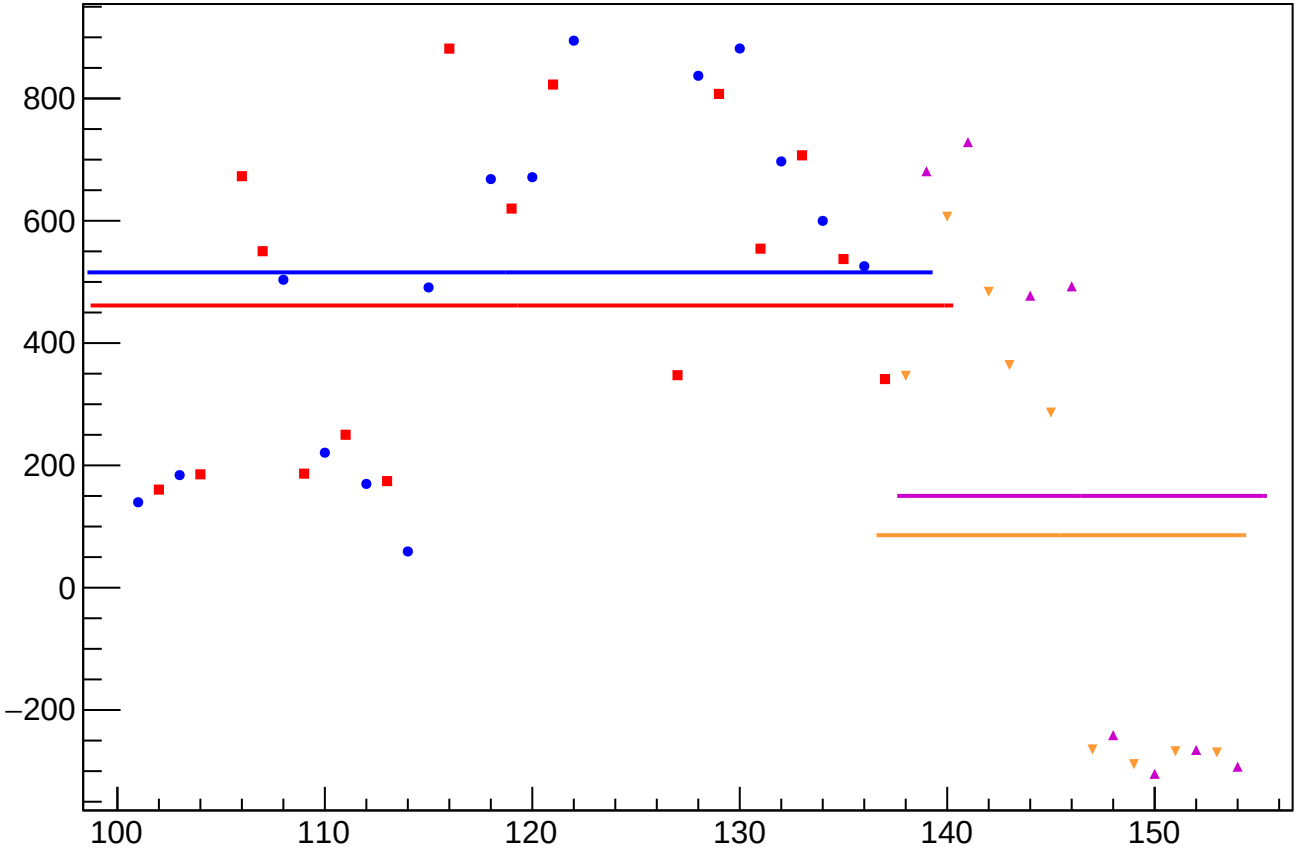
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

+ sign 1123.799+/-0.000 χ^2/NDF: 6294391653648 6

All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9

- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14

+ sign 296.051+/-0.000 χ^2/NDF: 194680633083542

Left Out: 85.859+/-0.000 χ^2/NDF:849676094494116391285896666126955315 20.0/8

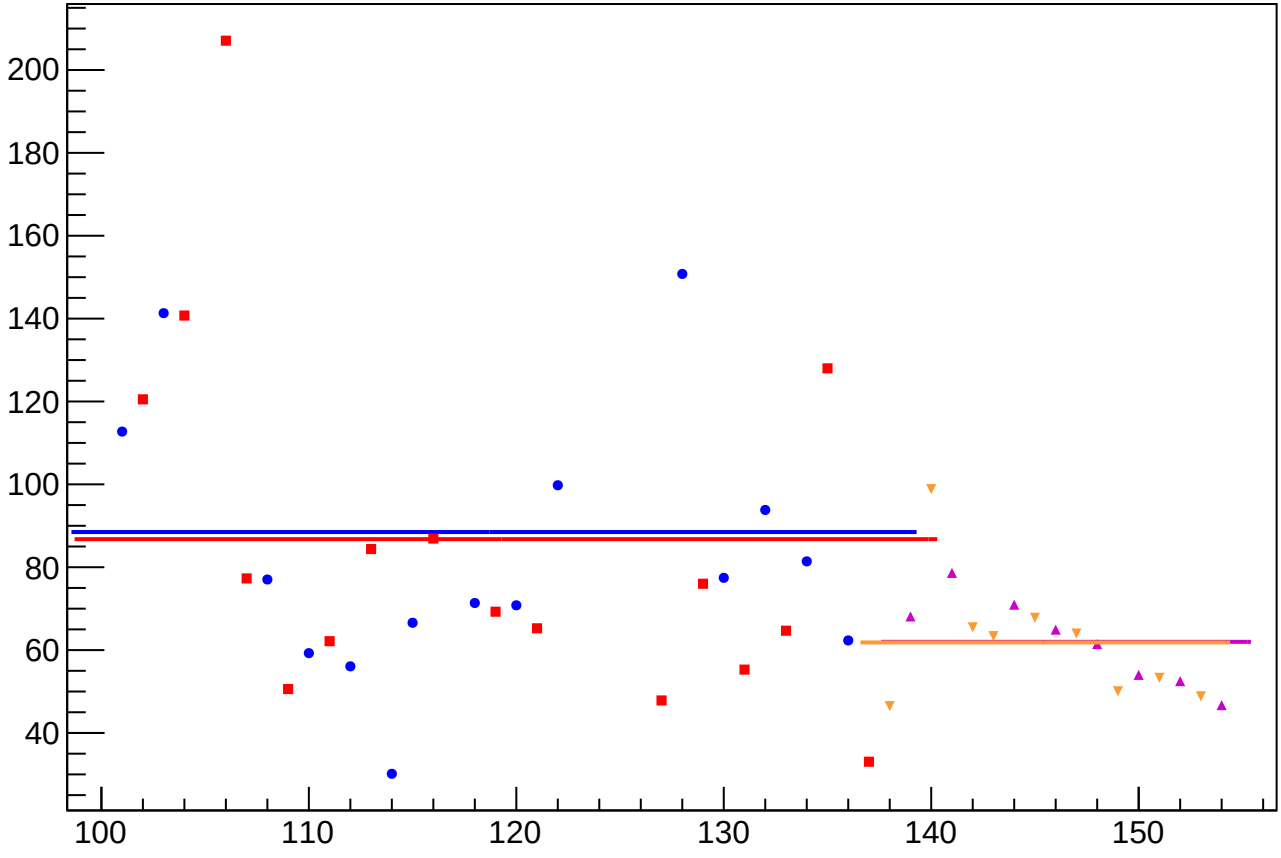
All: 299.698+/-0.000 χ^2/NDF: 40274780981 6

Right Out: 461.497+/-0.000 χ^2/NDF: 404737466600913559280633068843685642 24.0/15

- sign 303.267+/-0.000 χ^2/NDF: 208032252090837

Left In: 150.090+/-0.000 χ^2/NDF:134692735805604321569081584250932690944.0/7

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

+ sign 74.880+/-0.000 χ^2/NDF: 1044922671673484

Left Out: 61.849+/-0.000 χ^2/NDF:1662972778182313531243132867691151 36.0/8

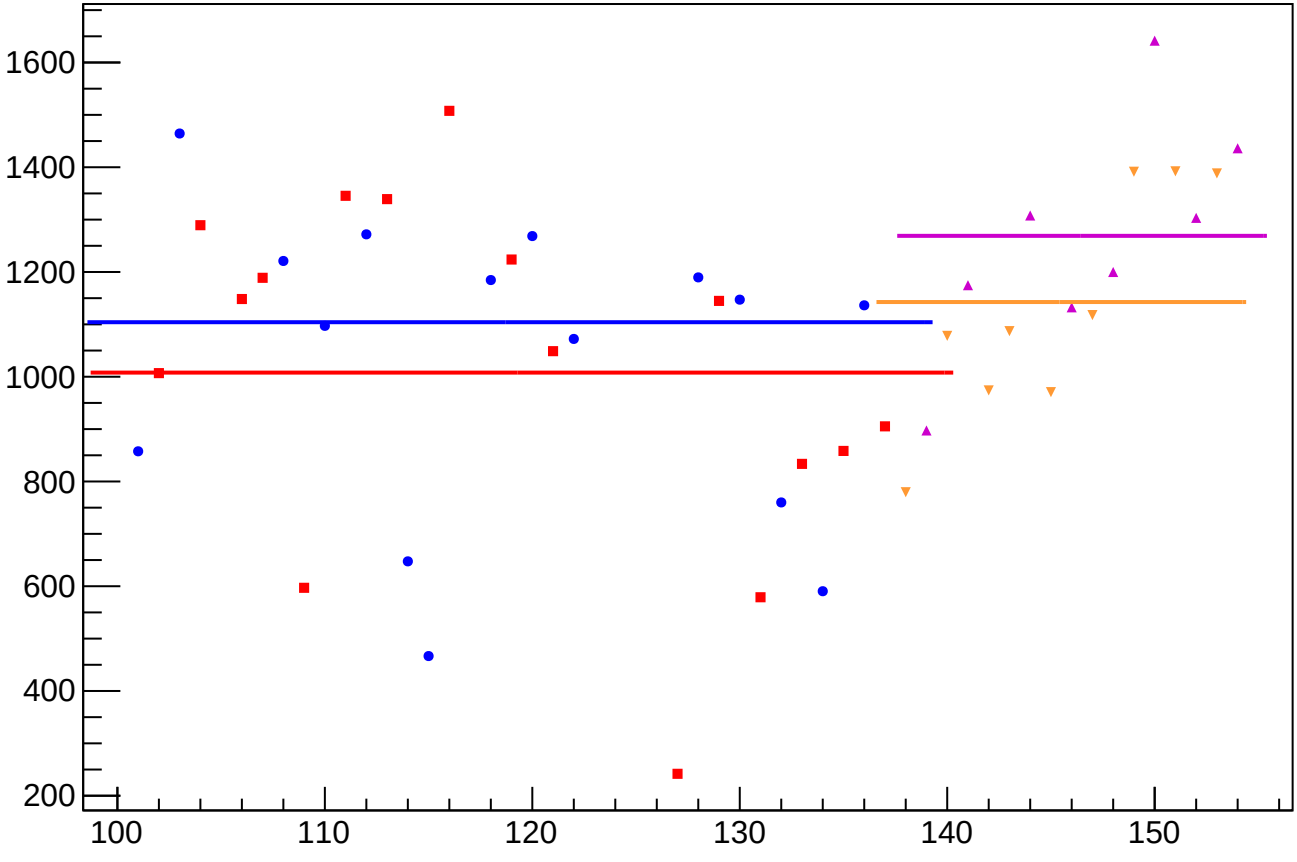
All: 74.527+/-0.000 χ^2/NDF: 238139964032 3

Right Out: 86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

- sign 74.182+/-0.000 χ^2/NDF: 1336150541835287

Left In: 61.993+/-0.000 χ^2/NDF:688327751408707217237241367709614 08.0/7

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

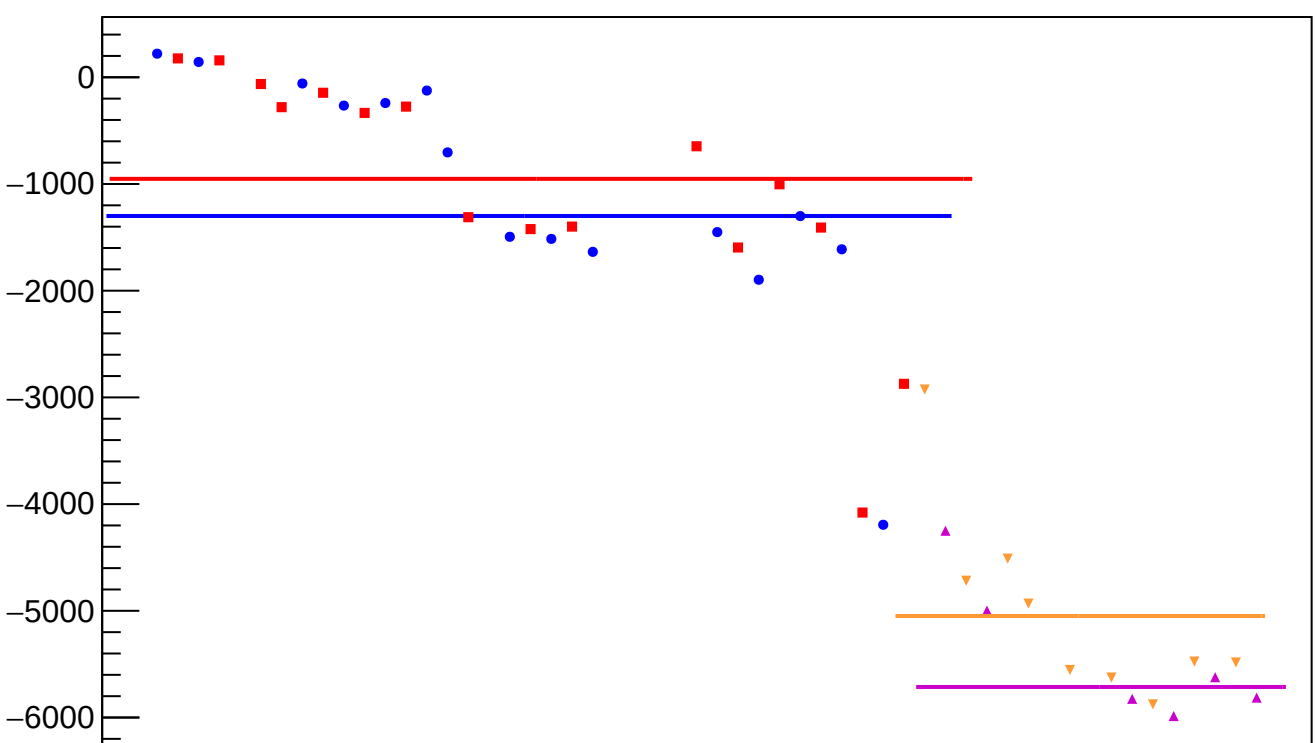
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

+ sign 1123.799+/-0.000 χ^2/NDF: 6294391653648 6

All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9

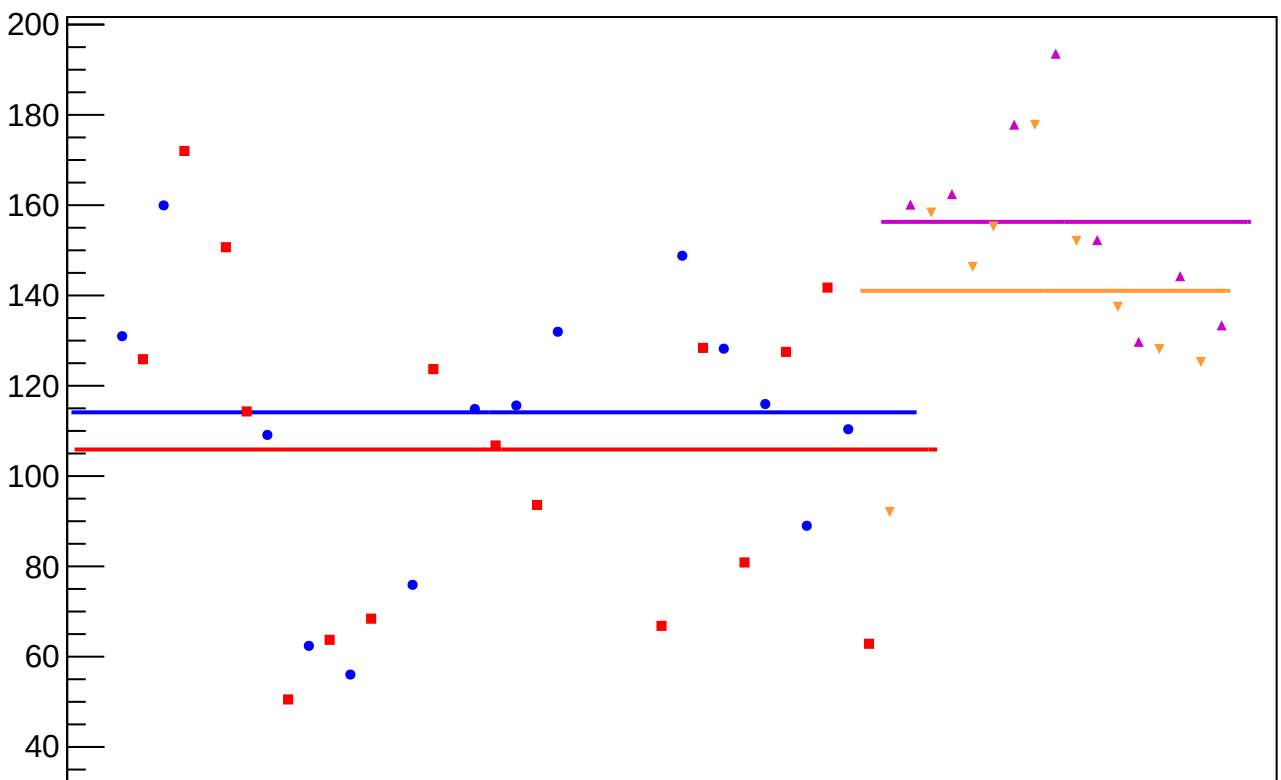
- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000 χ^2/NDF: 11996492521632163670864086915775243223 04.0/14
+ sign -3215.357+/-0.000 χ^2/NDF: 6369027652268
Left Out: -5048.882+/-0.000 χ^2/NDF:508913263888572929898993904050059083776.0/8
All: -3294.259+/-0.000 χ^2/NDF: 1526105445
Right Out: -951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
- sign -3371.473+/-0.000 χ^2/NDF: 8875681149324 9
Left Out: -5713.785+/-0.000 χ^2/NDF:34938835147629109609246042458819238 2976.0/7

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Left Out: 141.035+/-0.000 χ^2/NDF:380662010782642728285213347658334208.0/8

Right Out: 105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

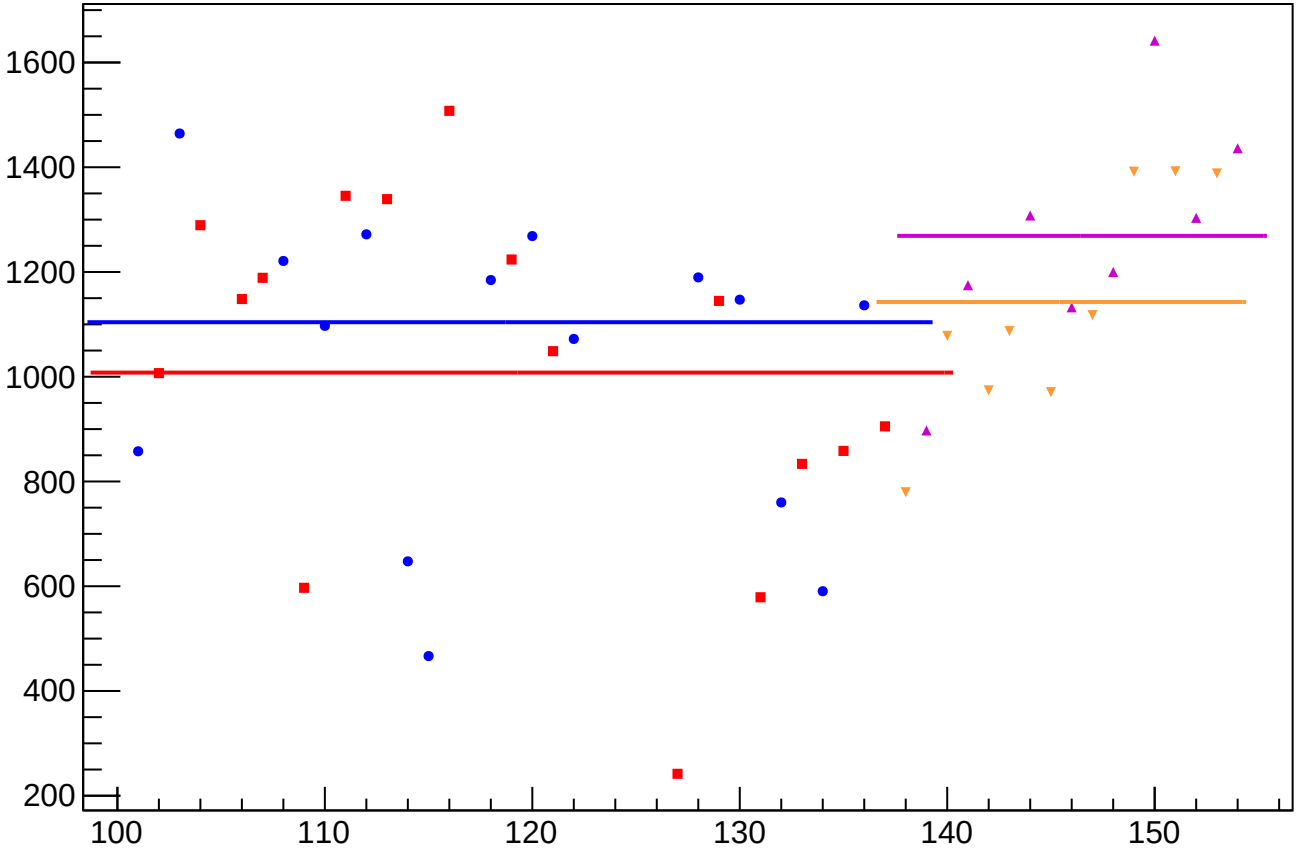
Left In: 156.302+/-0.000 χ^2/NDF:285766804444451850212746075308032000.0/7

+ sign 127.871+/-0.000 χ^2/NDF: 122813550043112

All: 129.707+/-0.000 χ^2/NDF: 323594706441

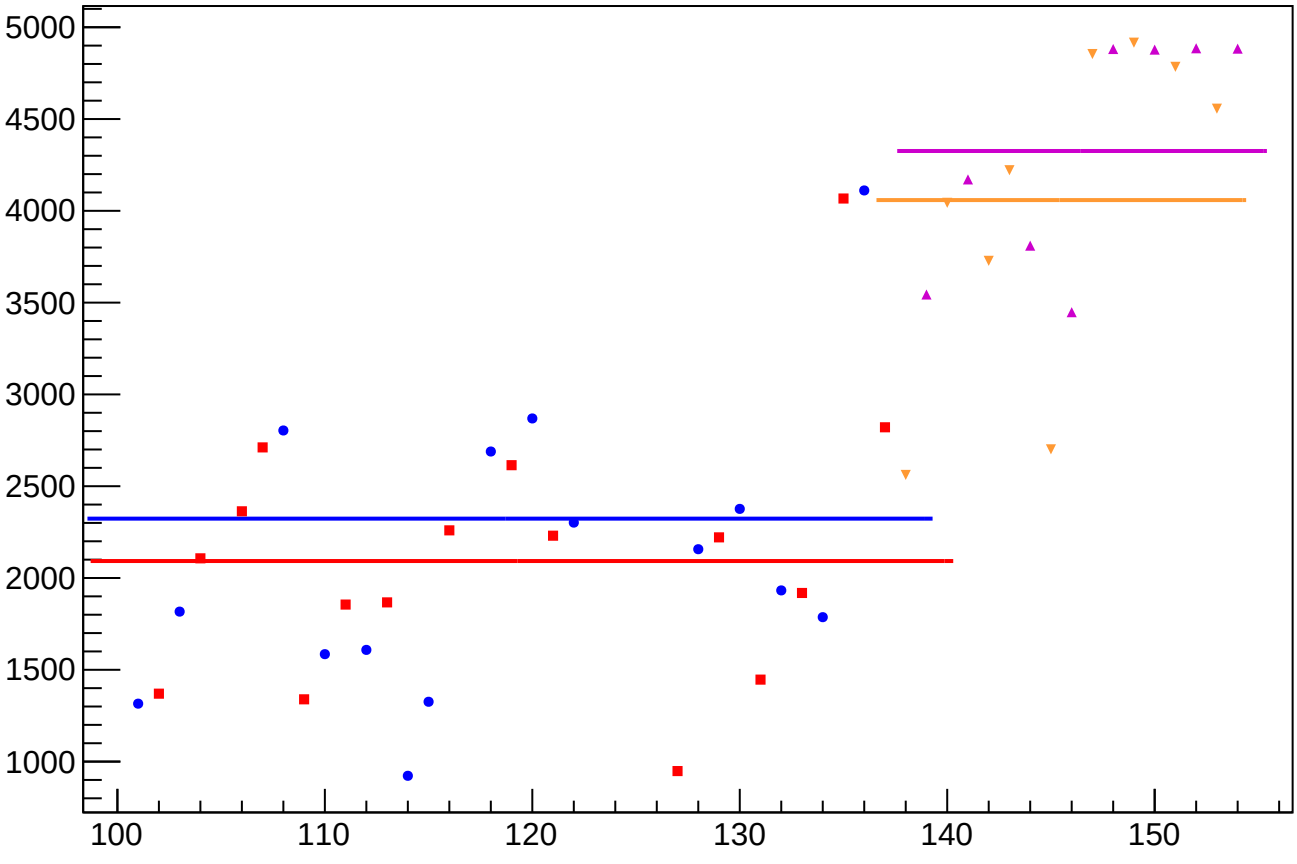
- sign 131.505+/-0.000 χ^2/NDF: 199895282973187

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1123.799+/-0.000 χ^2/NDF: 6294391653648 6
Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8
All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Left Out: 4058.545+/-0.000 χ^2/NDF:503721682396466645789768405060146954240.0/8

Right Out: 2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

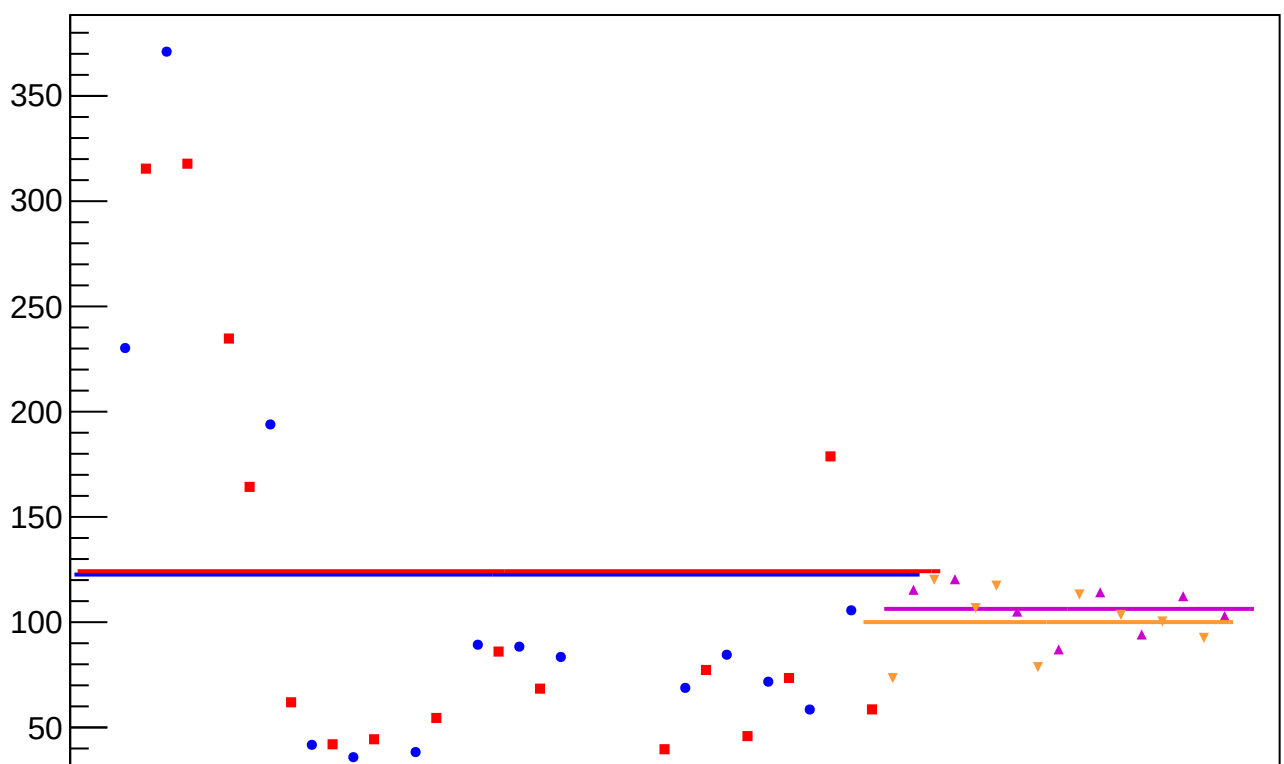
Left In: 4325.937+/-0.000 χ^2/NDF:247761544259436939336356173760012746752.0/7

+ sign 3209.919+/-0.000 χ^2/NDF: 19784570228168

All: 3218.711+/-0.000 χ^2/NDF: 4284179087

- sign 3227.316+/-0.000 χ^2/NDF: 23055190812805

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

+ sign 111.087+/-0.000 χ^2/NDF: 627313486418229

Left Out: 100.046+/-0.000 χ^2/NDF:1666237764867448519597861664498647 04.0/8

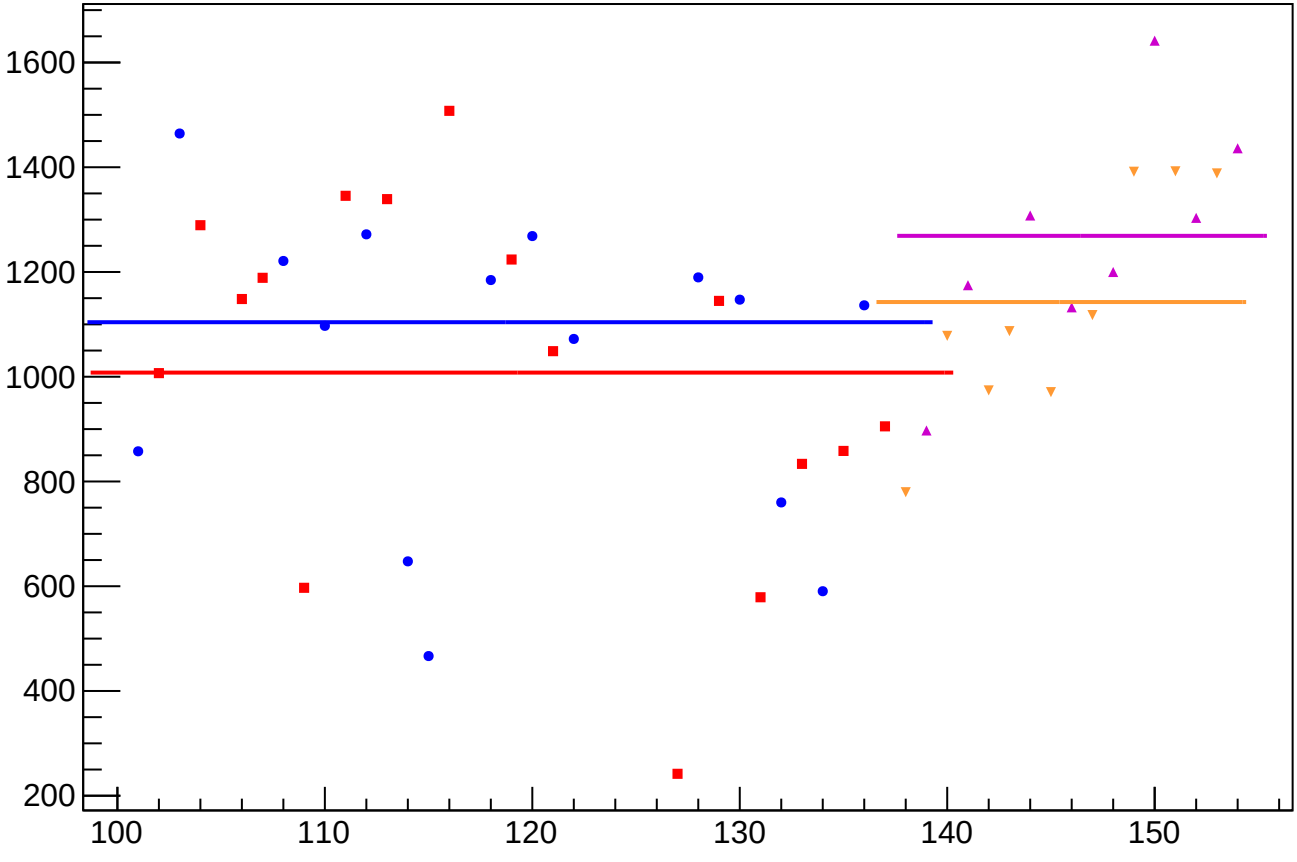
All: 113.128+/-0.000 χ^2/NDF: 13019502905 2

Right Out: 124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

- sign 115.125+/-0.000 χ^2/NDF: 673543488418878

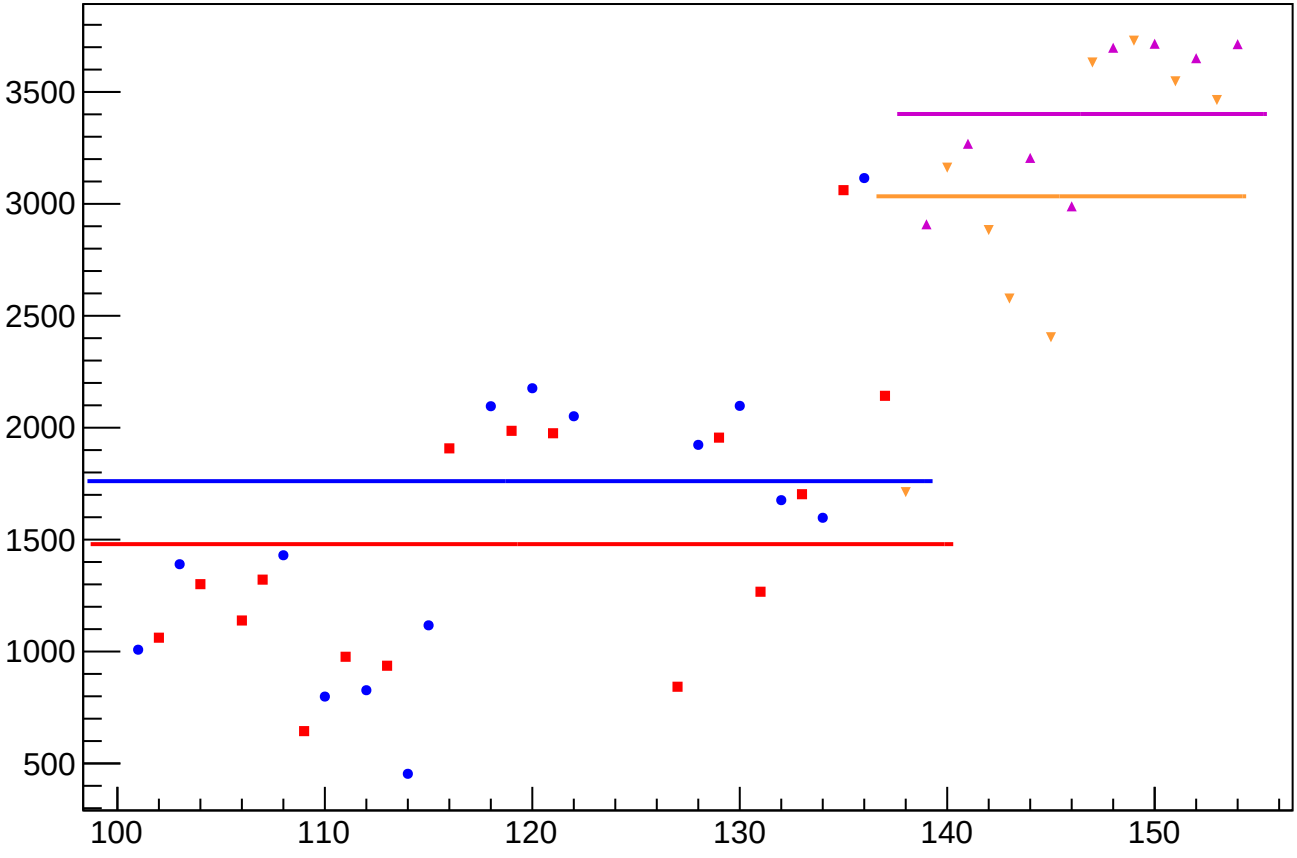
Left In: 106.324+/-0.000 χ^2/NDF:7730345388896723255486684052271923 2.0/7

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14
+ sign 1123.799+/-0.000 χ^2/NDF: 6294391653648 6
Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8
All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9
Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15
- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Left Out: 3033.829+/-0.000 χ^2/NDF:28929386780648851351755447611066155008 0.0/8

Right Out: 1479.801+/-0.000 χ^2/NDF: 2634677681347809688325512386092361318 40.0/15

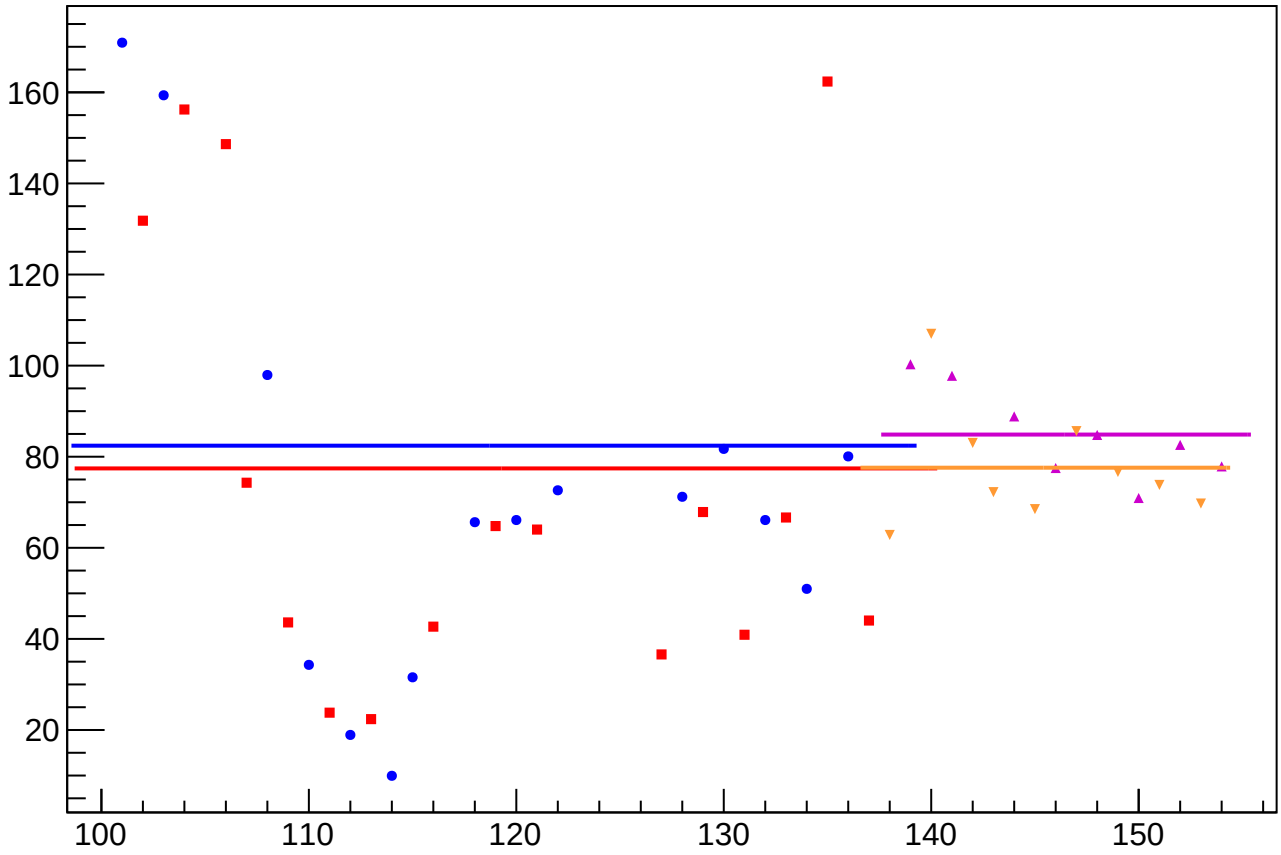
Left In: 3401.586+/-0.000 χ^2/NDF:691186835853322424874860434461556736 00.0/7

+ sign 2411.442+/-0.000 χ^2/NDF: 1158503712490 7

All: 2434.105+/-0.000 χ^2/NDF: 2744123595 1

- sign 2456.283+/-0.000 χ^2/NDF: 1584271387652 5

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

+ sign 79.952+/-0.000 χ^2/NDF: 1380700606439976

Left Out: 77.588+/-0.000 χ^2/NDF:1093192811376836499135396388452433 92.0/8

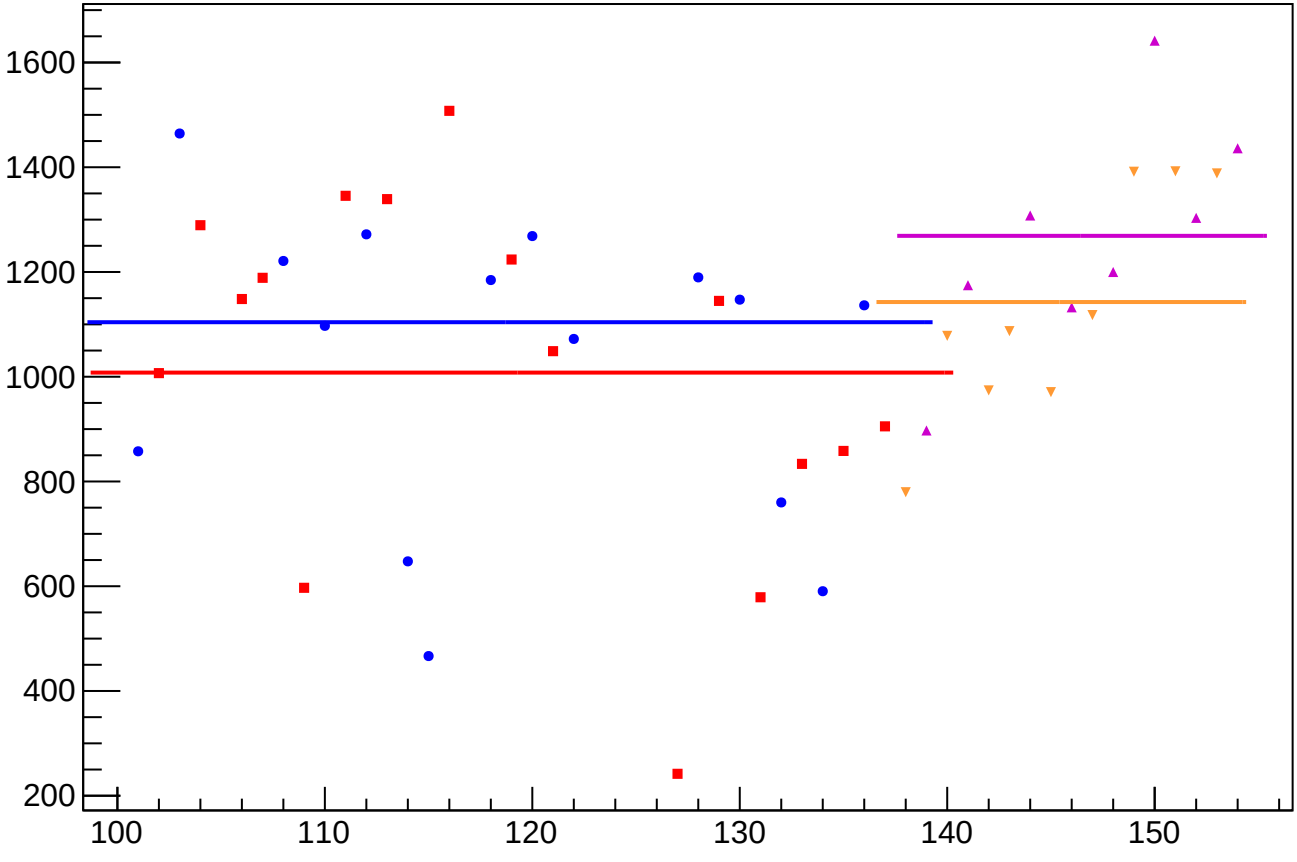
All: 80.586+/-0.000 χ^2/NDF: 2977716438019

Right Out: 77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

- sign 81.206+/-0.000 χ^2/NDF: 1595961213641524

Left In: 84.862+/-0.000 χ^2/NDF:617848855174994651519764291964108 80.0/7

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1142.645+/-0.000 χ^2/NDF:297137150139627711517693328267778457 60.0/8

Right Out: 1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

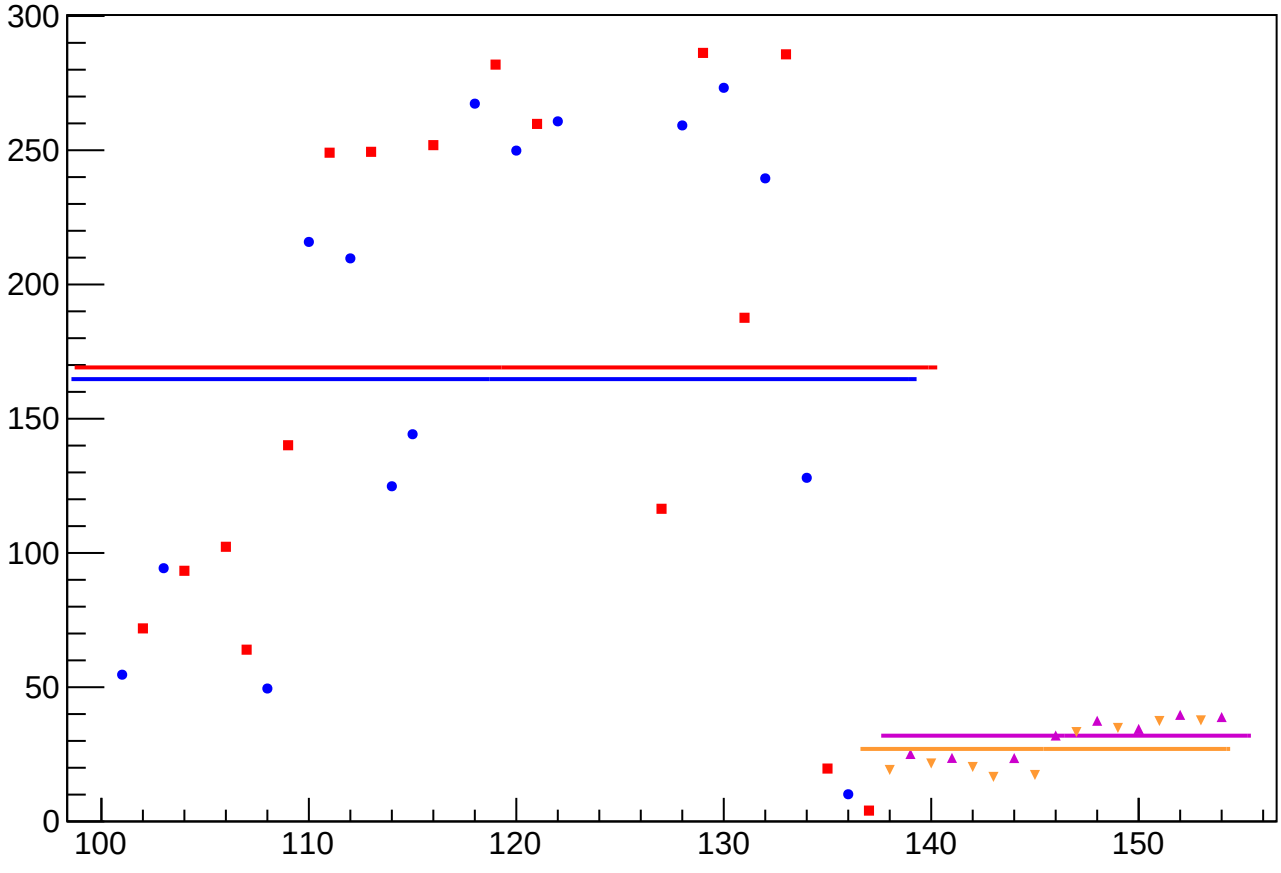
Left In: 1269.019+/-0.000 χ^2/NDF:292489541059034213145843031435965890 56.0/7

+ sign 1123.799+/-0.000 χ^2/NDF: 6294391653648 6

All: 1132.280+/-0.000 χ^2/NDF: 1845666167 9

- sign 1140.580+/-0.000 χ^2/NDF: 1214338245497 8

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

+ sign 94.378+/-0.000 χ^2/NDF: 1271091297739477

Left Out: 27.015+/-0.000 χ^2/NDF:503298223955283757392835896860999 68.0/8

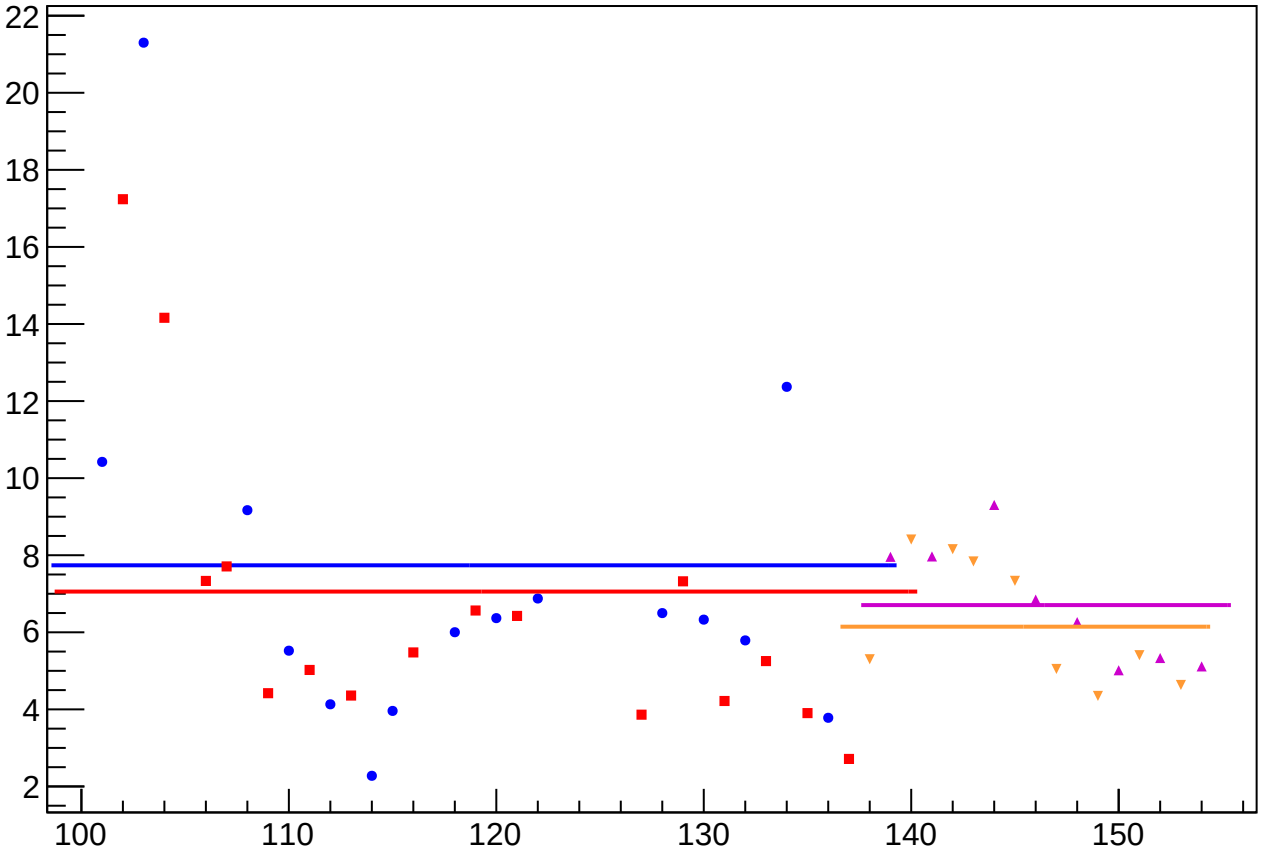
All: 96.924+/-0.000 χ^2/NDF: 251728415836 7

Right Out: 169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

- sign 99.416+/-0.000 χ^2/NDF: 1244491051163750

Left In: 31.949+/-0.000 χ^2/NDF:284574580106638616429941888374538 24.0/7

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738+/-0.000 χ^2/NDF: 1512721547923450600746949276807987 2.0/14

+ sign 6.925+/-0.000 χ^2/NDF: 1753762203743458 4

Left Out: 6.146+/-0.000 χ^2/NDF:1569271412892037188134110945607680.0/8

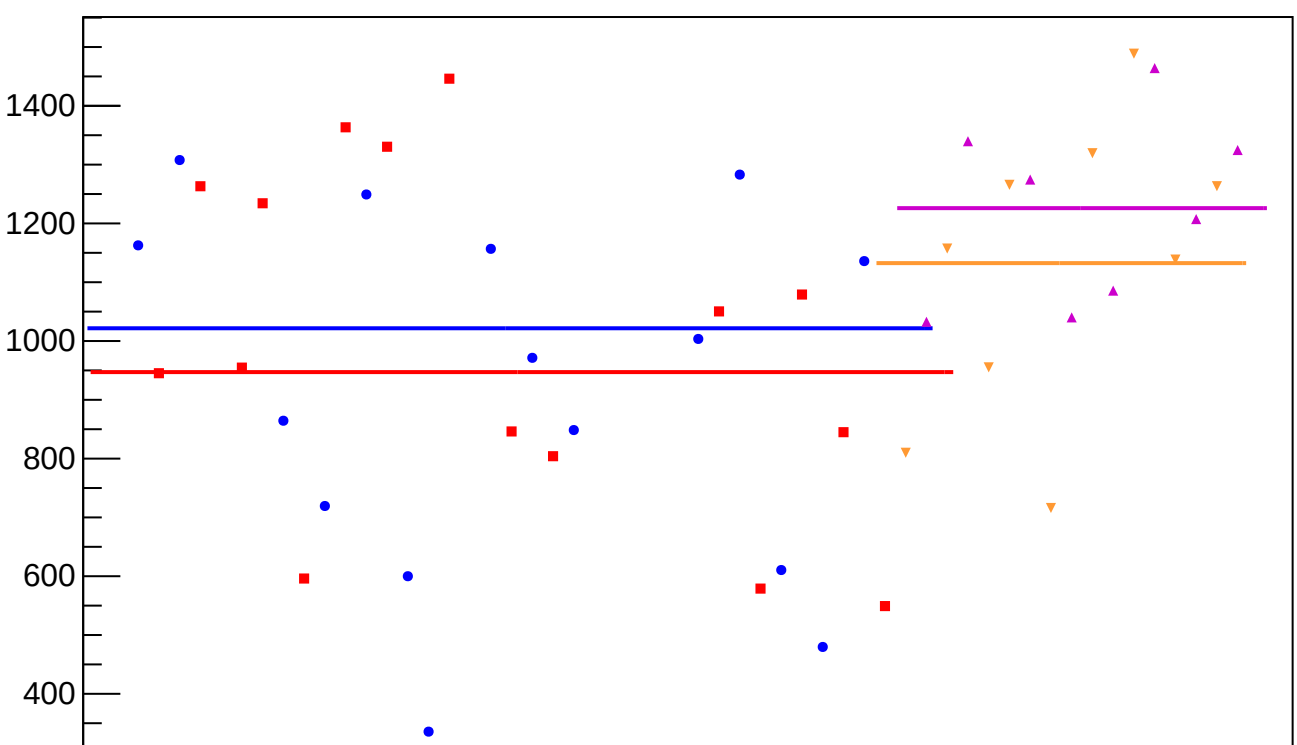
All: 6.901+/-0.000 χ^2/NDF: 3040474303198 2

Right Out: 7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

- sign 6.879+/-0.000 χ^2/NDF: 1286570247525906 9

Left In: 6.706+/-0.000 χ^2/NDF:1531526169768172343487153072766976.0/7

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF:3968687619249691585808585839483237171 2.0/8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

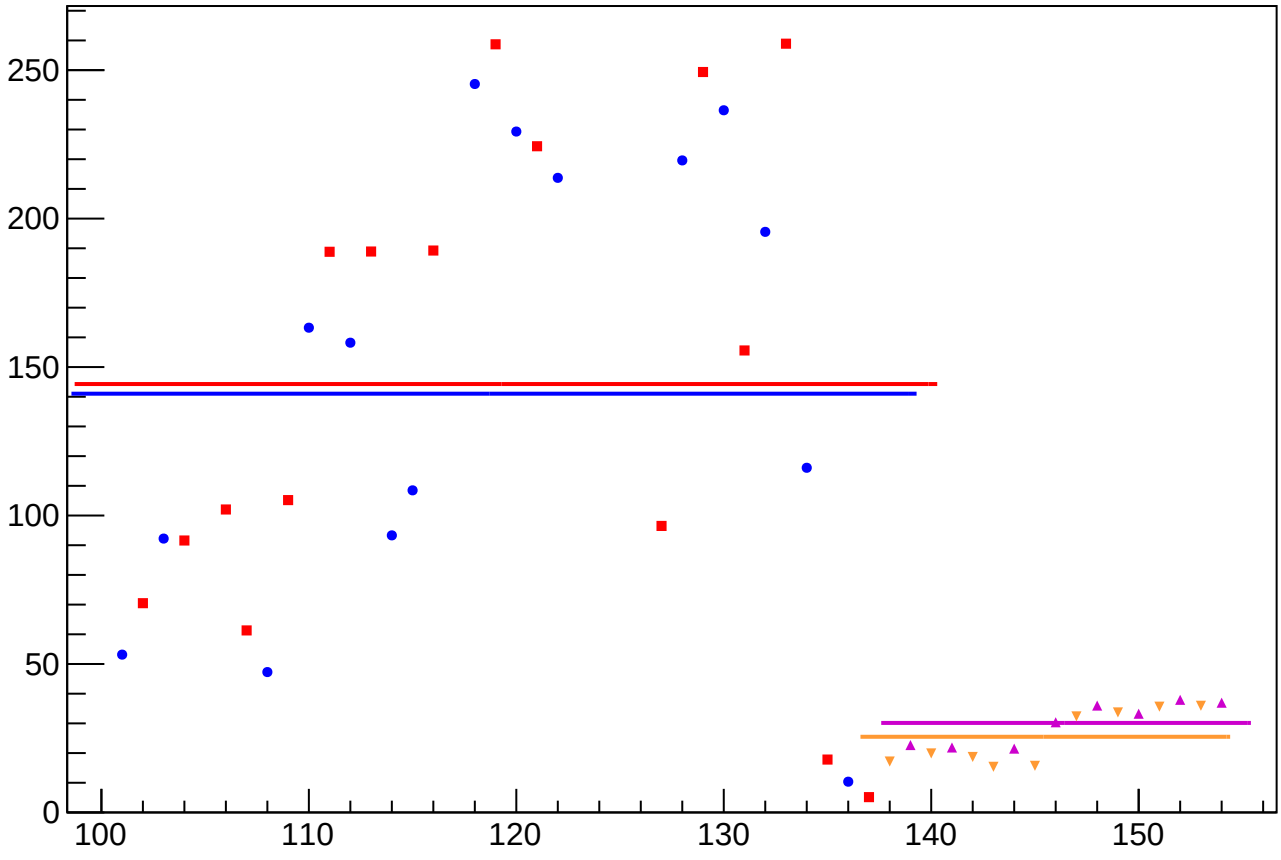
Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

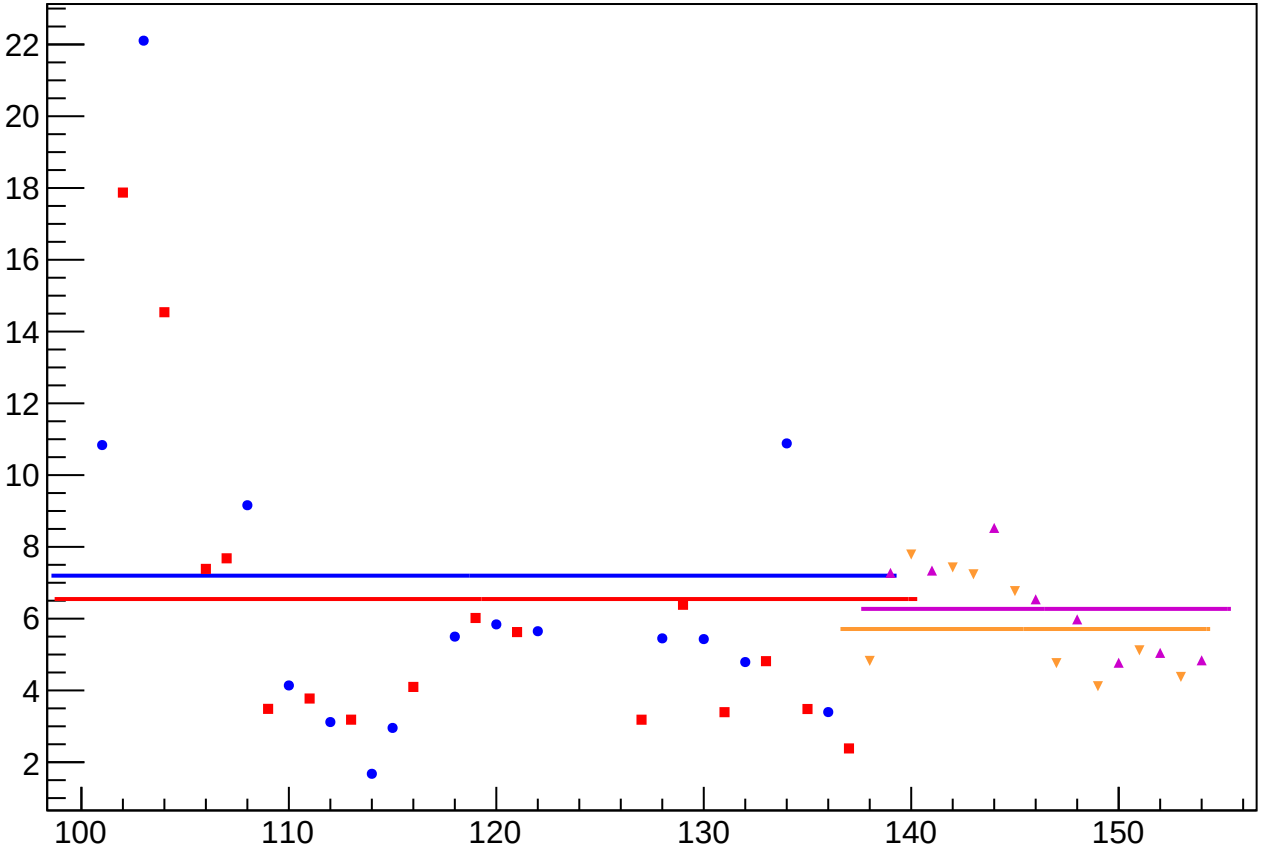
- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14
+ sign 81.997+/-0.000 χ^2/NDF: 8986121280809806
Left Out: 25.487+/-0.000 χ^2/NDF:5123019690298292655378199415357440 0.0/8
All: 84.167+/-0.000 χ^2/NDF: 177116500568
Right Out: 144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15
- sign 86.291+/-0.000 χ^2/NDF: 8713162117078913
Left In: 30.151+/-0.000 χ^2/NDF:3012591659444479411618292739499622 4.0/7

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

Left Out: 5.712+/-0.000 χ^2/NDF:12591451389682405118553745973575 68.0/8

Right Out: 6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

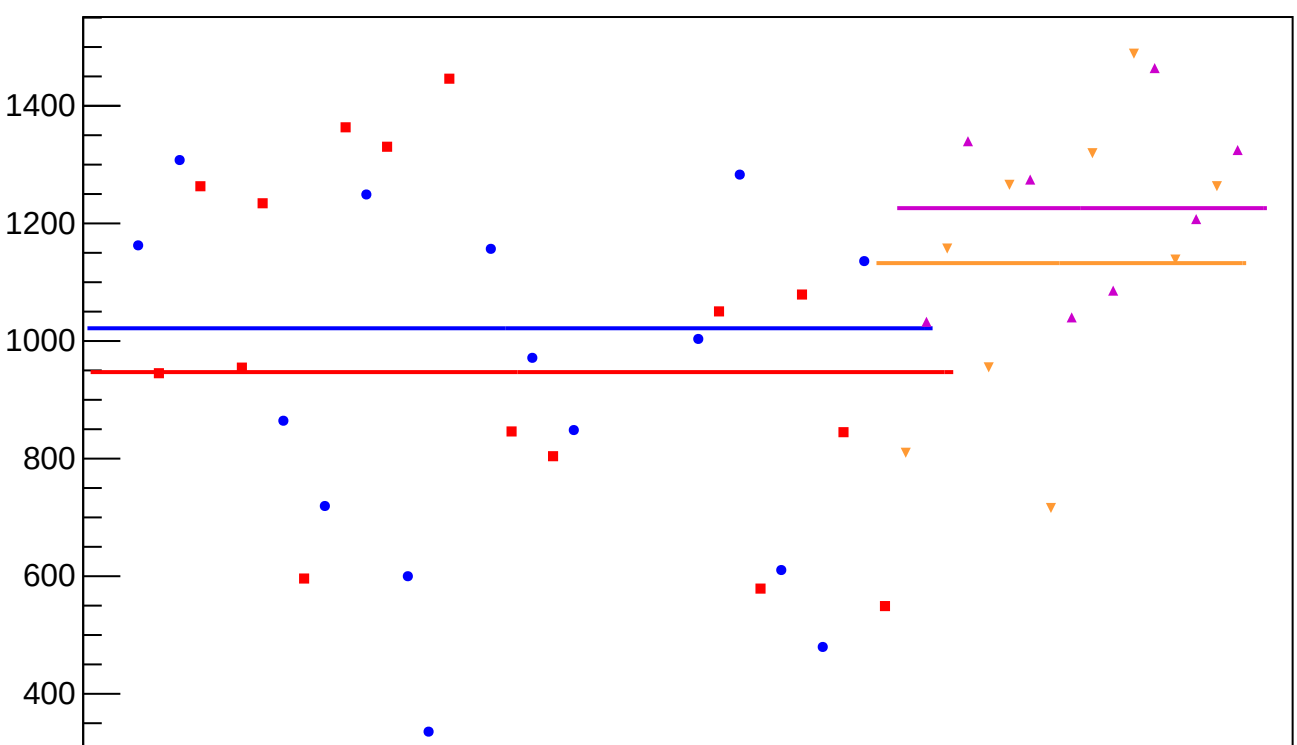
Left In: 6.272+/-0.000 χ^2/NDF:11628386214348413570216226004664 32.0/7

+ sign 6.438+/-0.000 χ^2/NDF: 2020427531411007 8

All: 6.423+/-0.000 χ^2/NDF: 3547222343270 3

- sign 6.407+/-0.000 χ^2/NDF: 15267290517095392

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF:3968687619249691585808585839483237171 2.0/8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

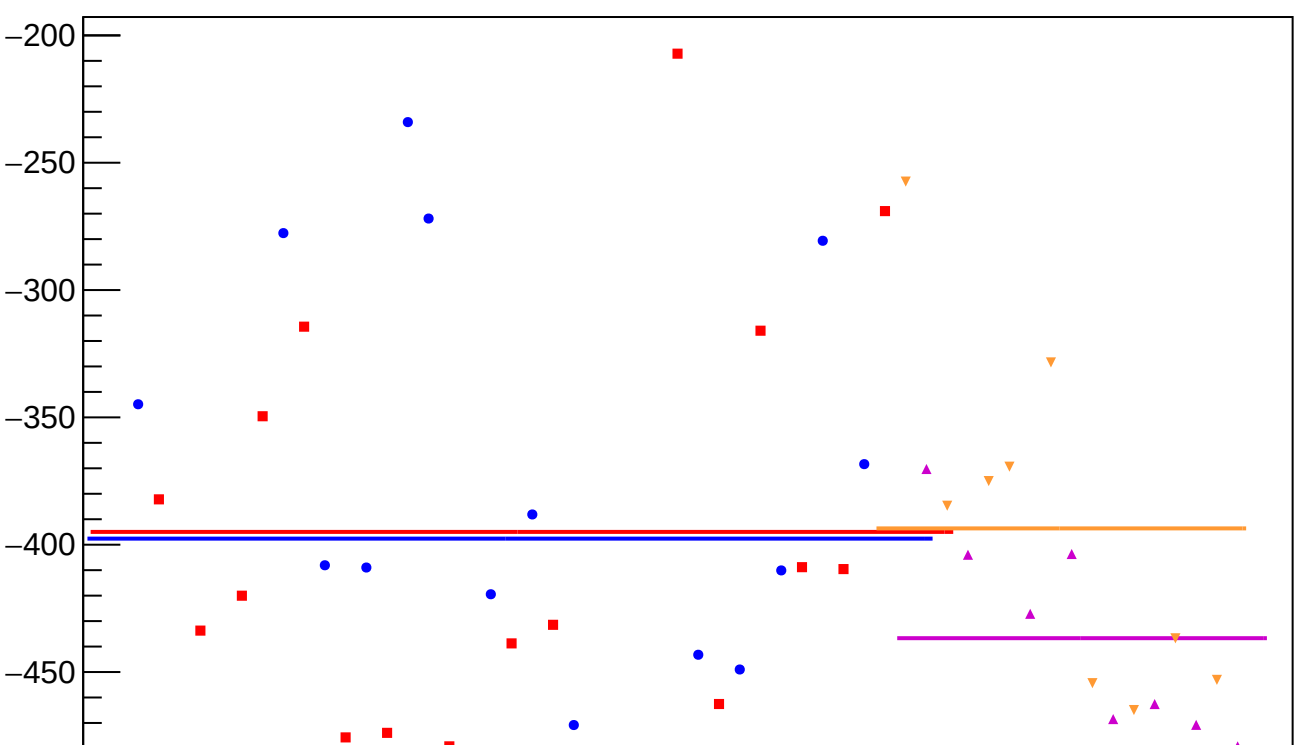
Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

Left Out: -393.597+/-0.000 χ^2/NDF:30122119555432139269072681252599889 92.0/8

Right Out: -394.973+/-0.000 χ^2/NDF: 36855955134271835015961652808741027 84.0/15

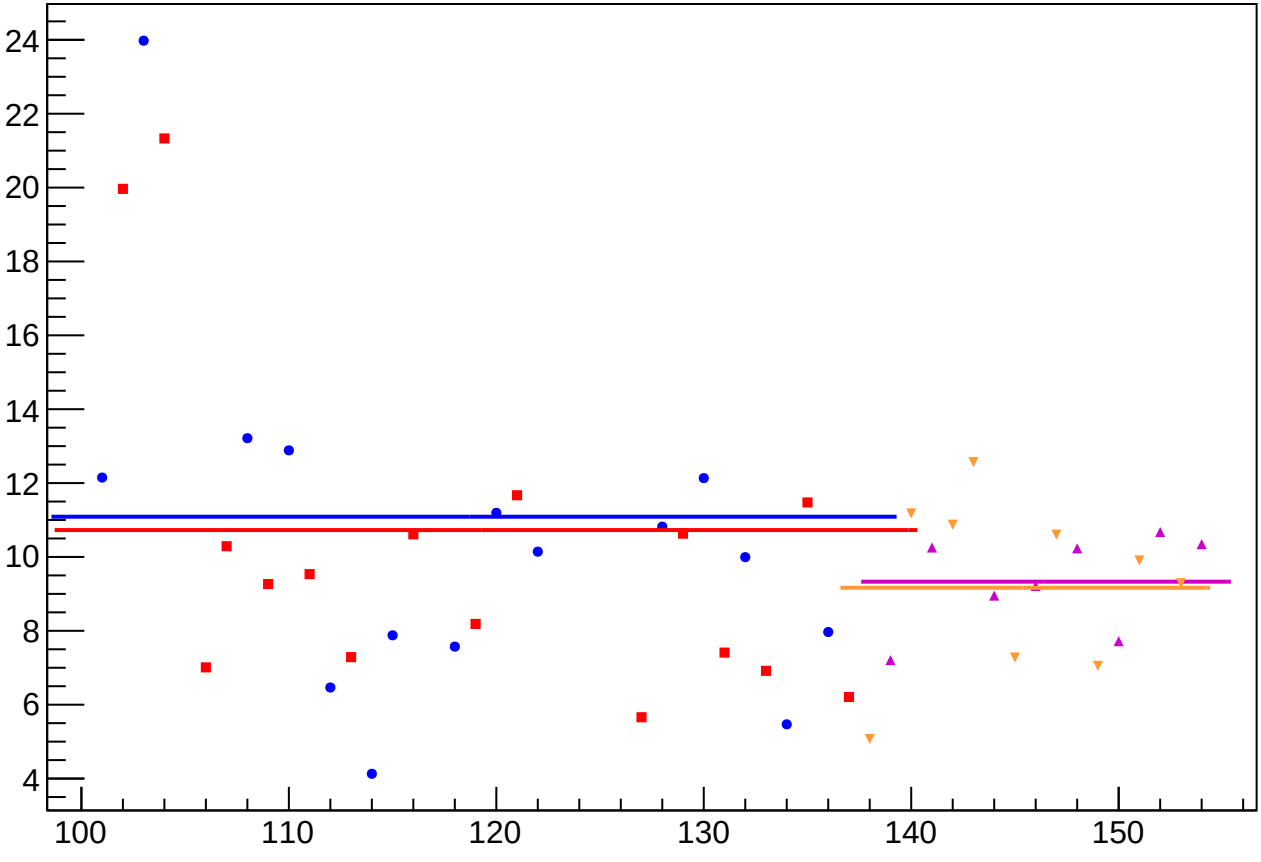
Left In: -436.708+/-0.000 χ^2/NDF:95466515553523291963597896665373081 6.0/7

+ sign -395.561+/-0.000 χ^2/NDF: 56788414925056

All: -405.981+/-0.000 χ^2/NDF: 1119454250 0

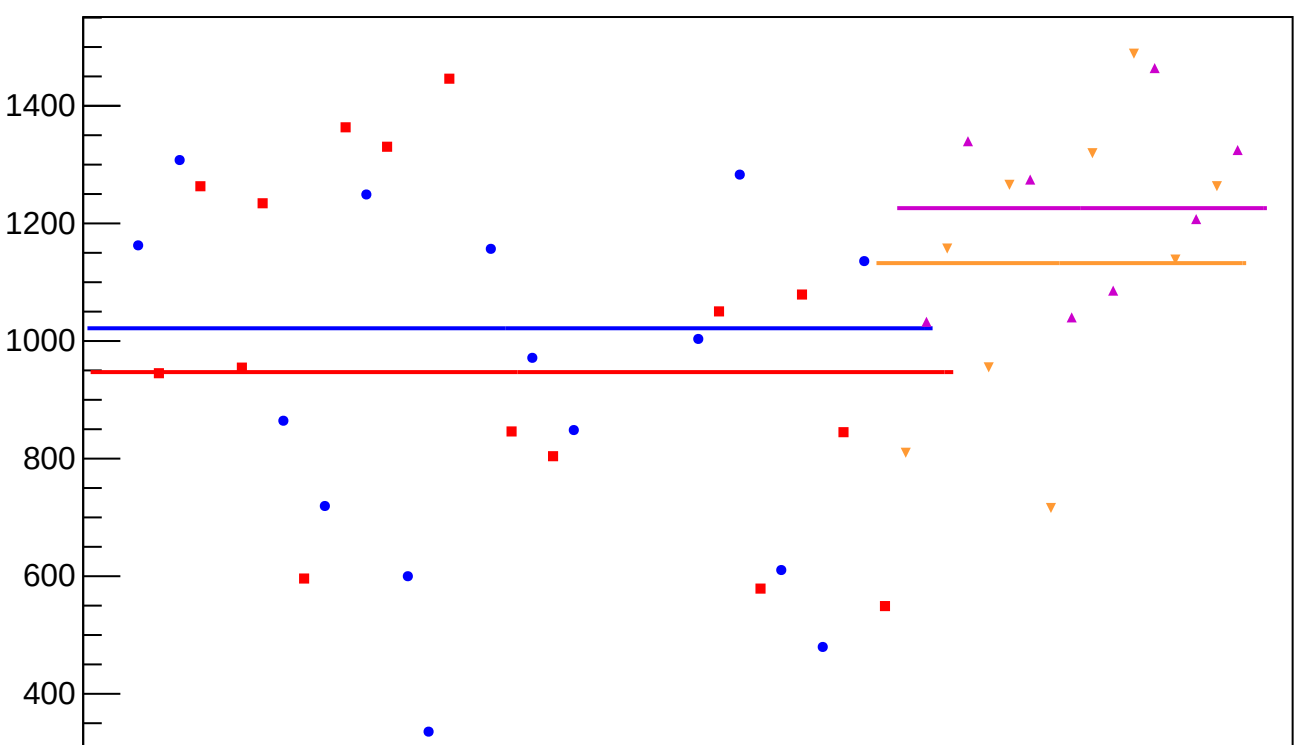
- sign -416.179+/-0.000 χ^2/NDF: 52305945502344 0

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14
+ sign 10.107+/-0.000 χ^2/NDF: 1887942107757367
Left Out: 9.167+/-0.000 χ^2/NDF:3418205158644499205200768592248832.0/8
All: 10.062+/-0.000 χ^2/NDF: 3531847505009
Right Out: 10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15
- sign 10.018+/-0.000 χ^2/NDF: 1643374091782052
Left In: 9.330+/-0.000 χ^2/NDF:1004933105590320937491185390321664.0/7

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF:3968687619249691585808585839483237171 2.0/8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

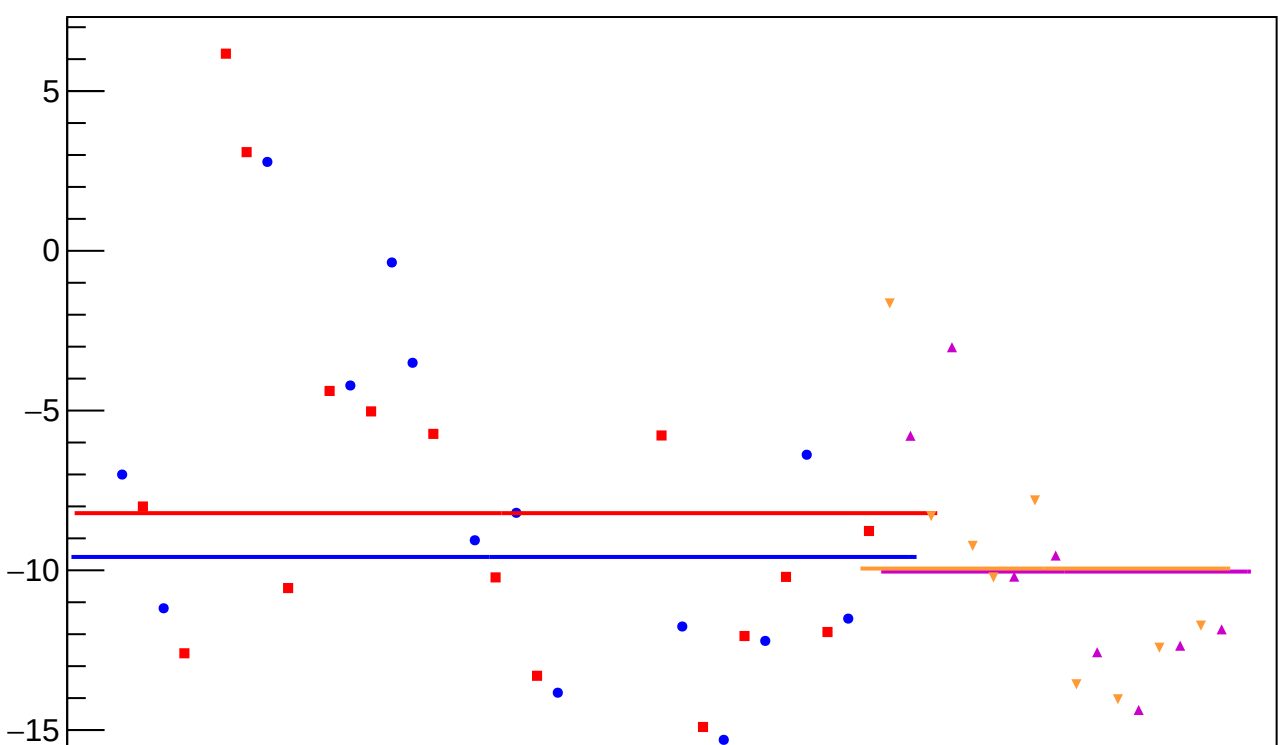
Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

dit_4aY_coil7_mean vs Slug



Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Left Out: -9.945+/-0.000 χ^2/NDF:916369891607113109928189368048025 6.0/8

Right Out: -8.211+/-0.000 χ^2/NDF: 183042372938359614656057542044549 12.0/15

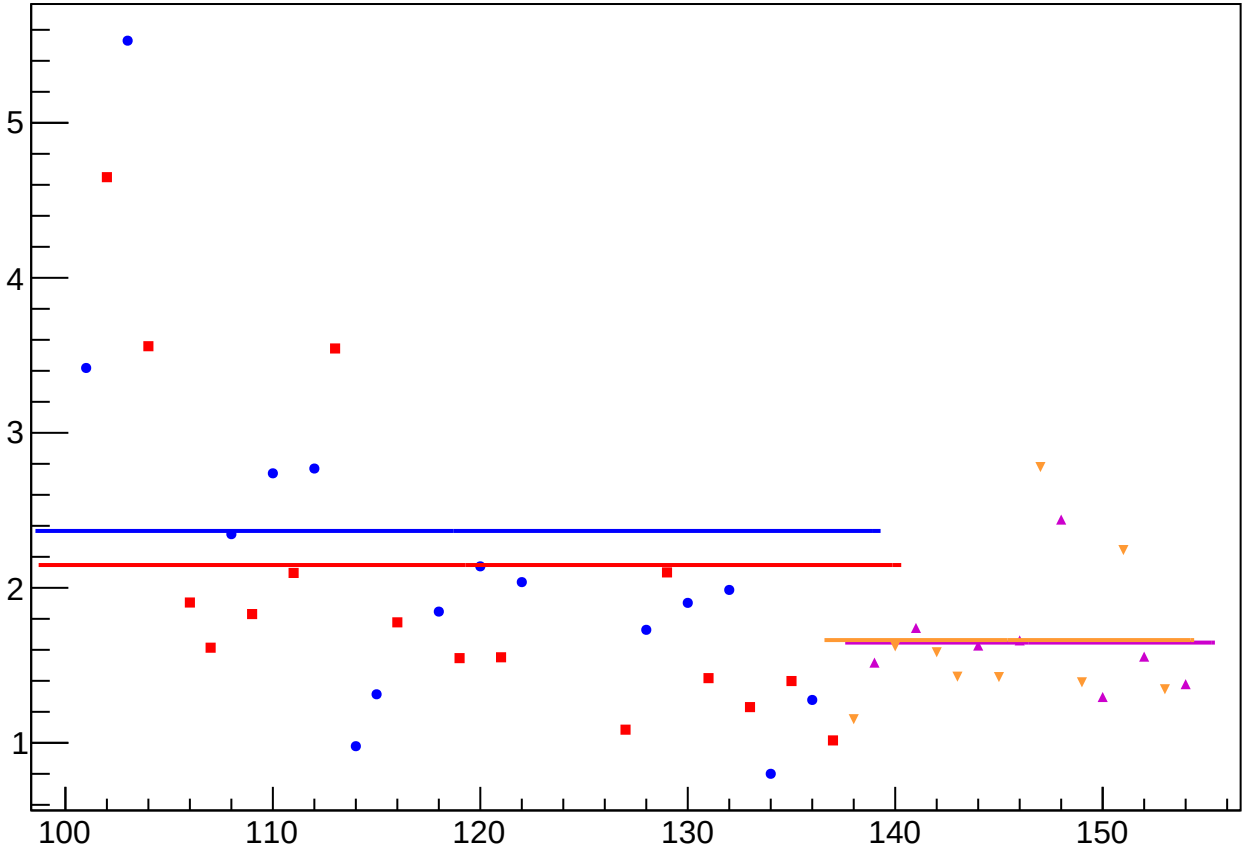
Left In: -10.040+/-0.000 χ^2/NDF:867981567146354578151229927247052 8.0/7

+ sign -9.768+/-0.000 χ^2/NDF: 2391007947090290

All: -9.451+/-0.000 χ^2/NDF: 5229156887383

- sign -9.140+/-0.000 χ^2/NDF: 2811774478846923 5

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000 χ^2/NDF: 920633294546152876922066767446016.0/14

Left Out: 1.663+/-0.000 χ^2/NDF:167042831649701944267465675505664.0/8

Right Out: 2.147+/-0.000 χ^2/NDF: 764171992480224478656127555338240.0/15

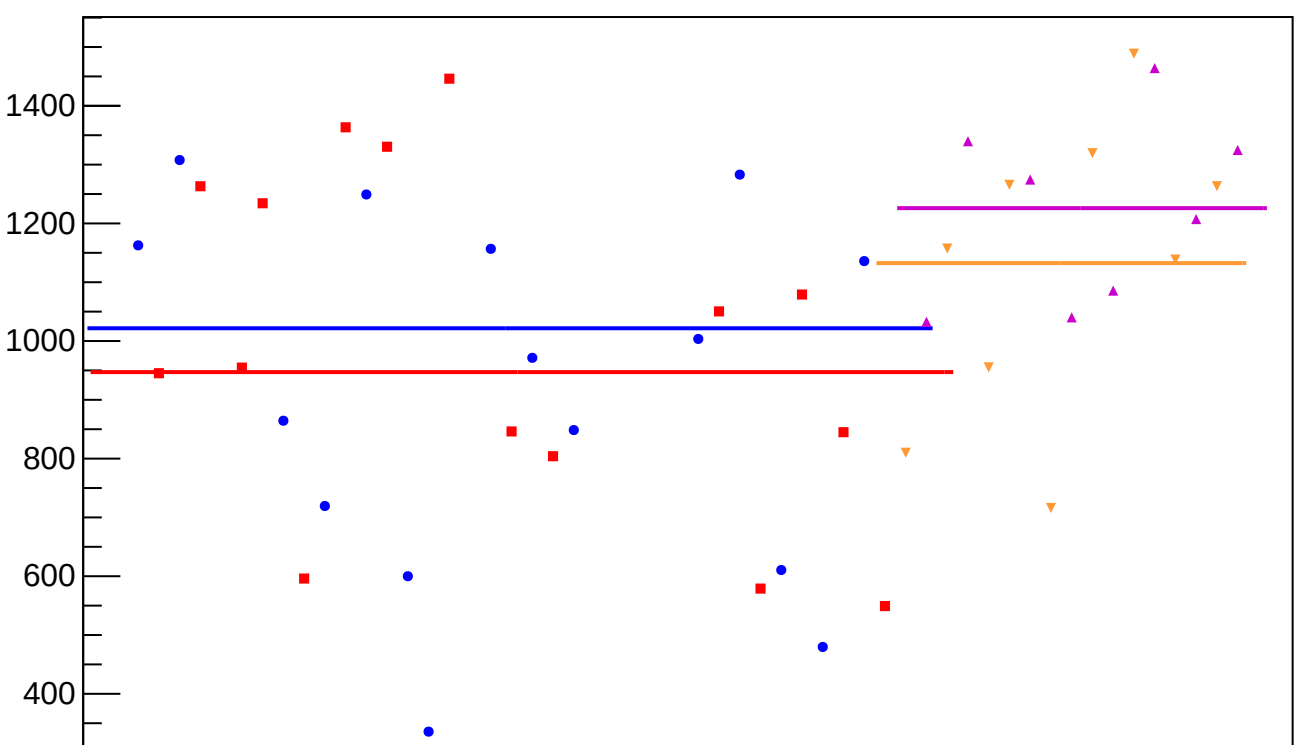
Left In: 1.647+/-0.000 χ^2/NDF:733901389684446722672881376952 32.0/7

+ sign 2.007+/-0.000 χ^2/NDF: 1252070162811728

All: 1.949+/-0.000 χ^2/NDF: 2183270119824

- sign 1.893+/-0.000 χ^2/NDF: 92242561411875651

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

Left Out: 1132.494+/-0.000 χ^2/NDF:396868761924969158580858583948323717 12.0/8

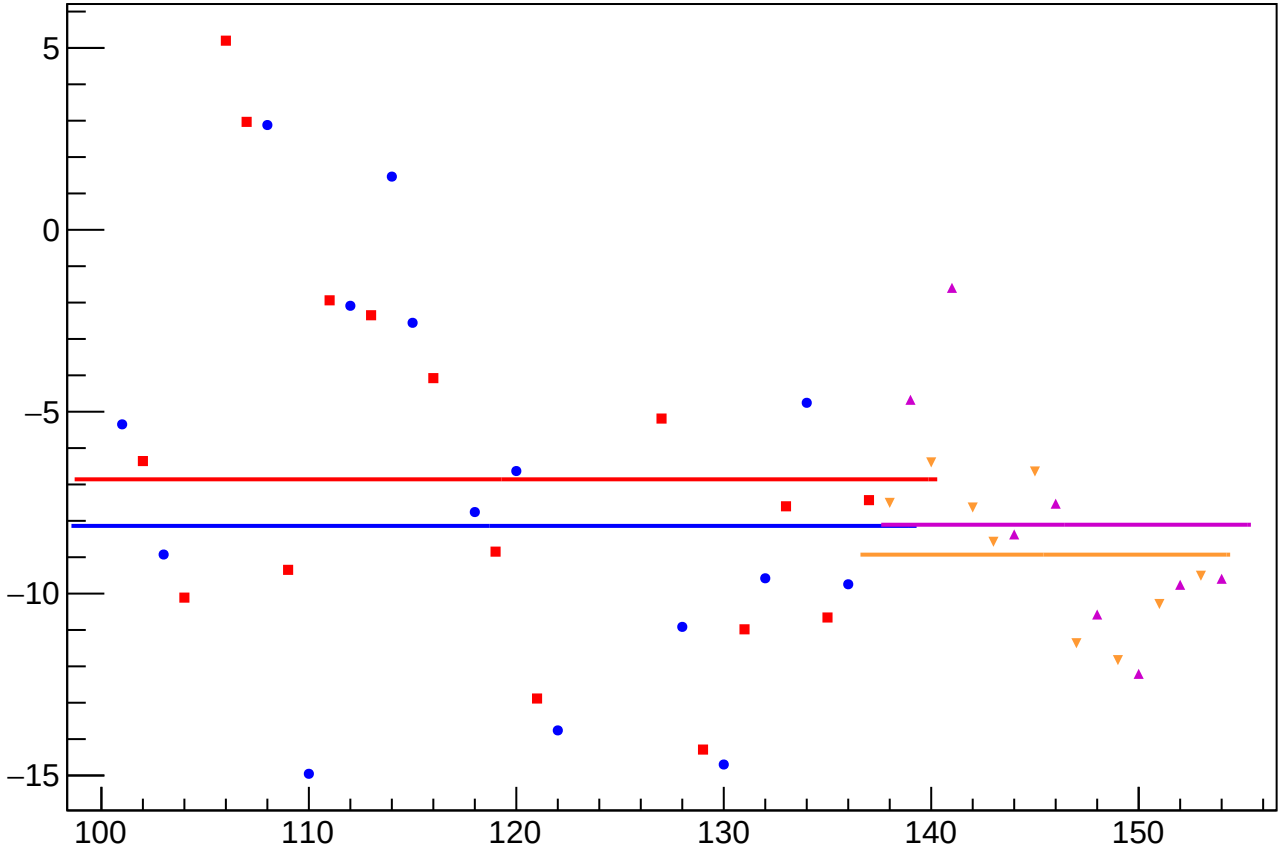
All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1088.830+/-0.000 χ^2/NDF: 109053343761 80

Left Out: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

dit_4eY_coil7_mean vs Slug



Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14

Left Out: -8.929+/-0.000 χ^2/NDF:2533603868258031596105575186825216.0/8

Right Out: -6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15

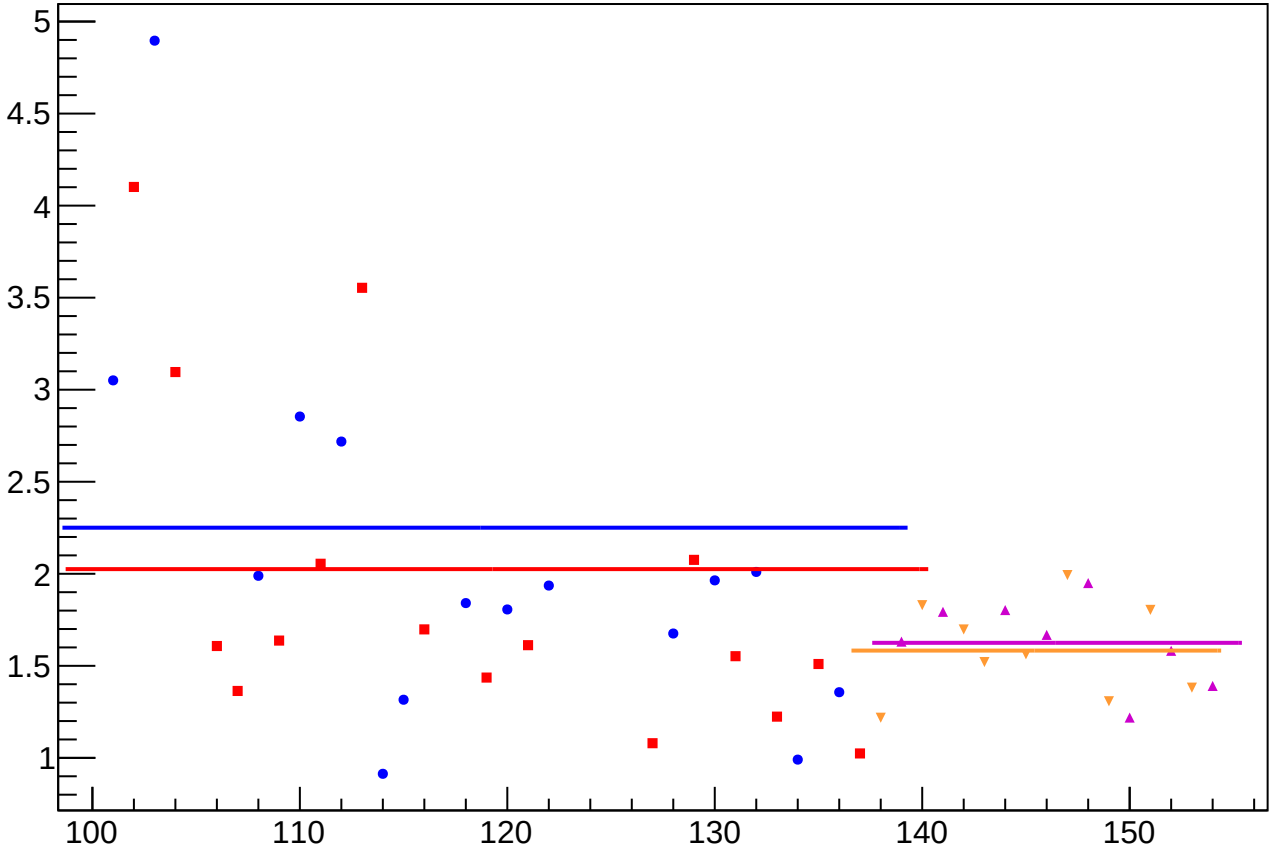
Left In: -8.107+/-0.000 χ^2/NDF:7068162257468760525333820805742592.0/7

+ sign -8.543+/-0.000 χ^2/NDF: 1741708480573632

All: -8.012+/-0.000 χ^2/NDF: 4223575115814

- sign -7.493+/-0.000 χ^2/NDF: 2407968738933294

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

+ sign 1.909+/-0.000 χ^2/NDF: 8475119749094647 7

Left Out: 1.583+/-0.000 χ^2/NDF:4297194631653017016289870846361 6.0/8

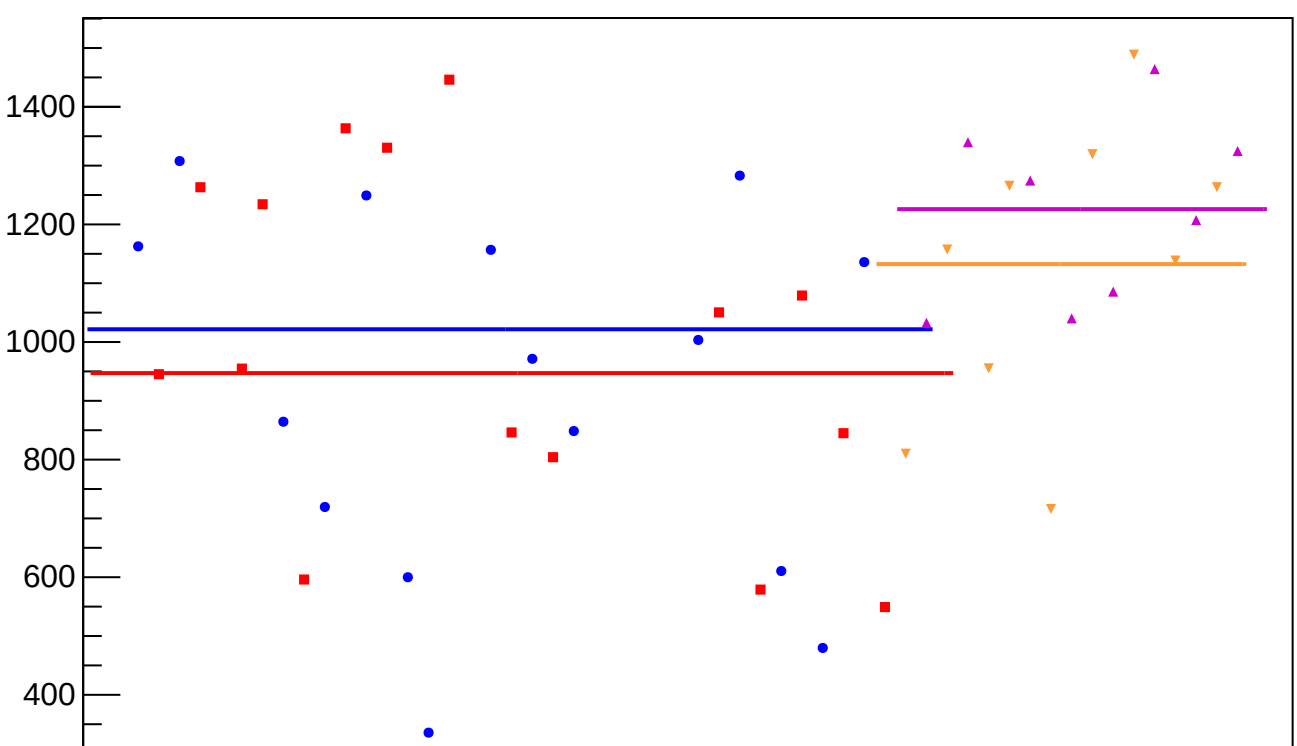
All: 1.865+/-0.000 χ^2/NDF: 1519977604149 8

Right Out: 2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

- sign 1.822+/-0.000 χ^2/NDF: 6673414828891916 6

Left In: 1.625+/-0.000 χ^2/NDF:3429457626308020643974537124249 6.0/7

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF:3968687619249691585808585839483237171 2.0/8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

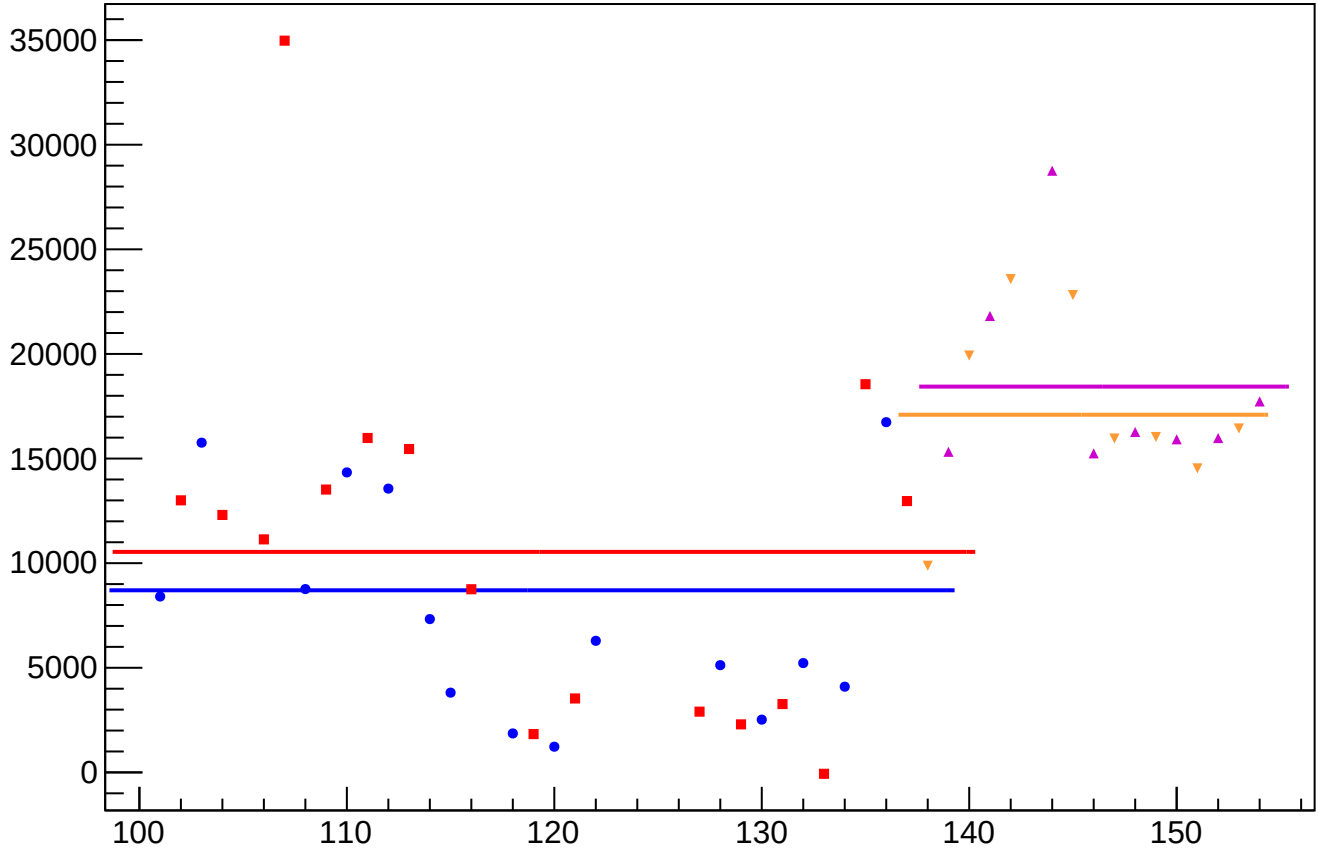
Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191919226 88.0/14

+ sign 12771.860+/-0.000 χ^2/NDF: 5169443011895

Left Out: 17093.421+/-0.000 χ^2/NDF:1003948415944967701732255571606131389235 2.0/7

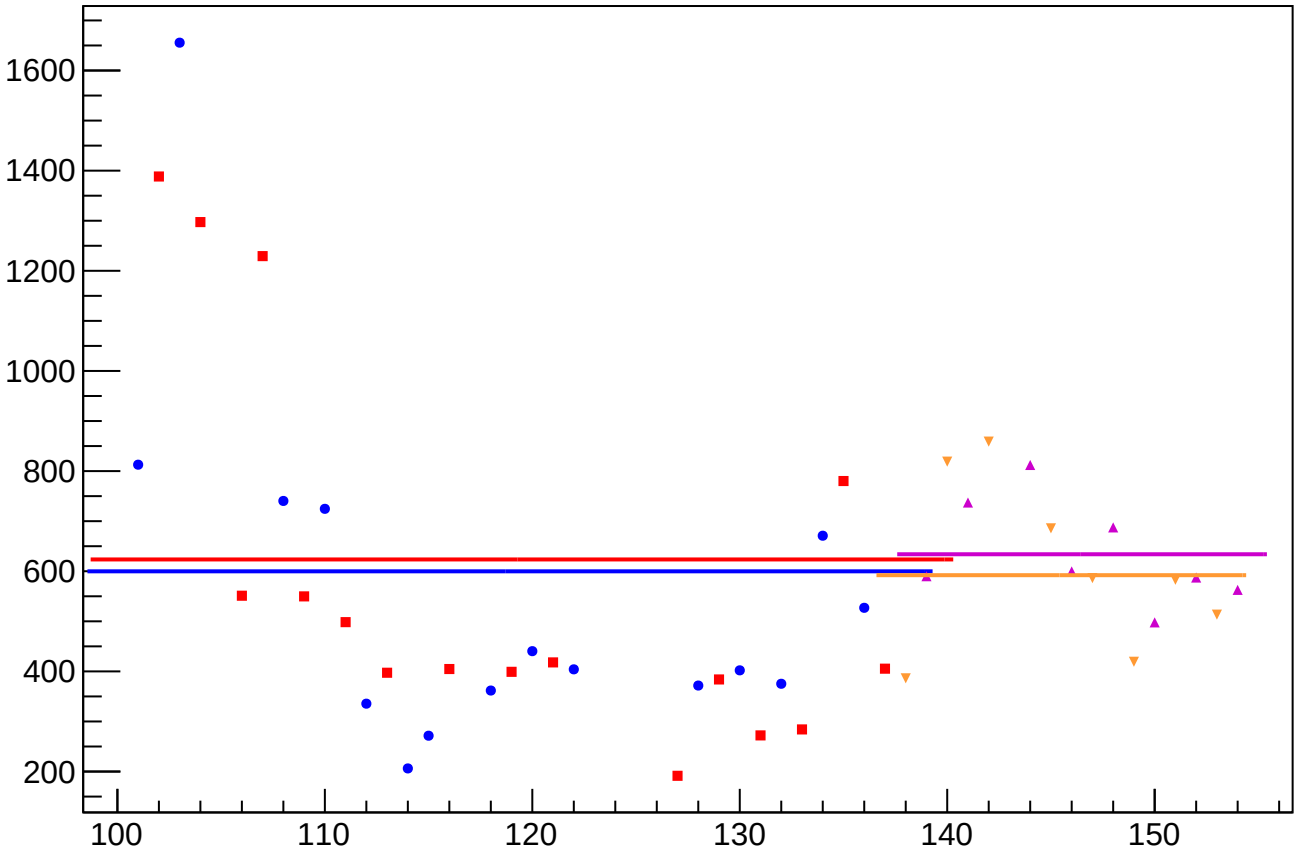
All: 13695.151+/-0.000 χ^2/NDF: 1347587455

Right Out: 10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

- sign 14553.077+/-0.000 χ^2/NDF: 8099214175670

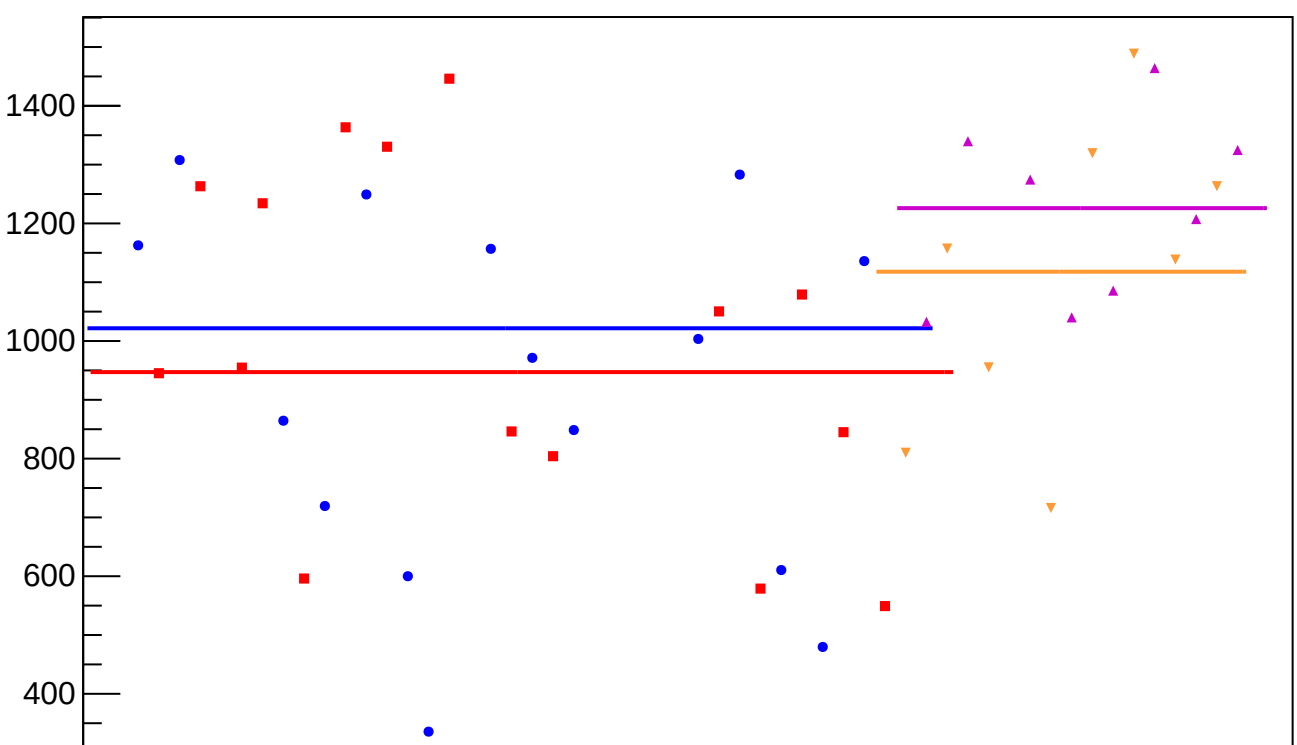
Left In: 18438.666+/-0.000 χ^2/NDF:136175764224905326645716219639897637519 36.0/7

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14
+ sign 596.106+/-0.000 χ^2/NDF: 10383284903161 6
Left Out: 592.131+/-0.000 χ^2/NDF:1455513837374902652561078052396518 6048.0/7
All: 613.072+/-0.000 χ^2/NDF: 21257149879 7
Right Out: 623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15
- sign 628.837+/-0.000 χ^2/NDF: 108038979508040
Left Out: 633.936+/-0.000 χ^2/NDF:6553706657480304806665845046853500928.0/7

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1068.337+/-0.000 χ^2/NDF: 81774214037187

Left Out: 1117.890+/-0.000 χ^2/NDF:38368239145242929701423100245116452864.0/7

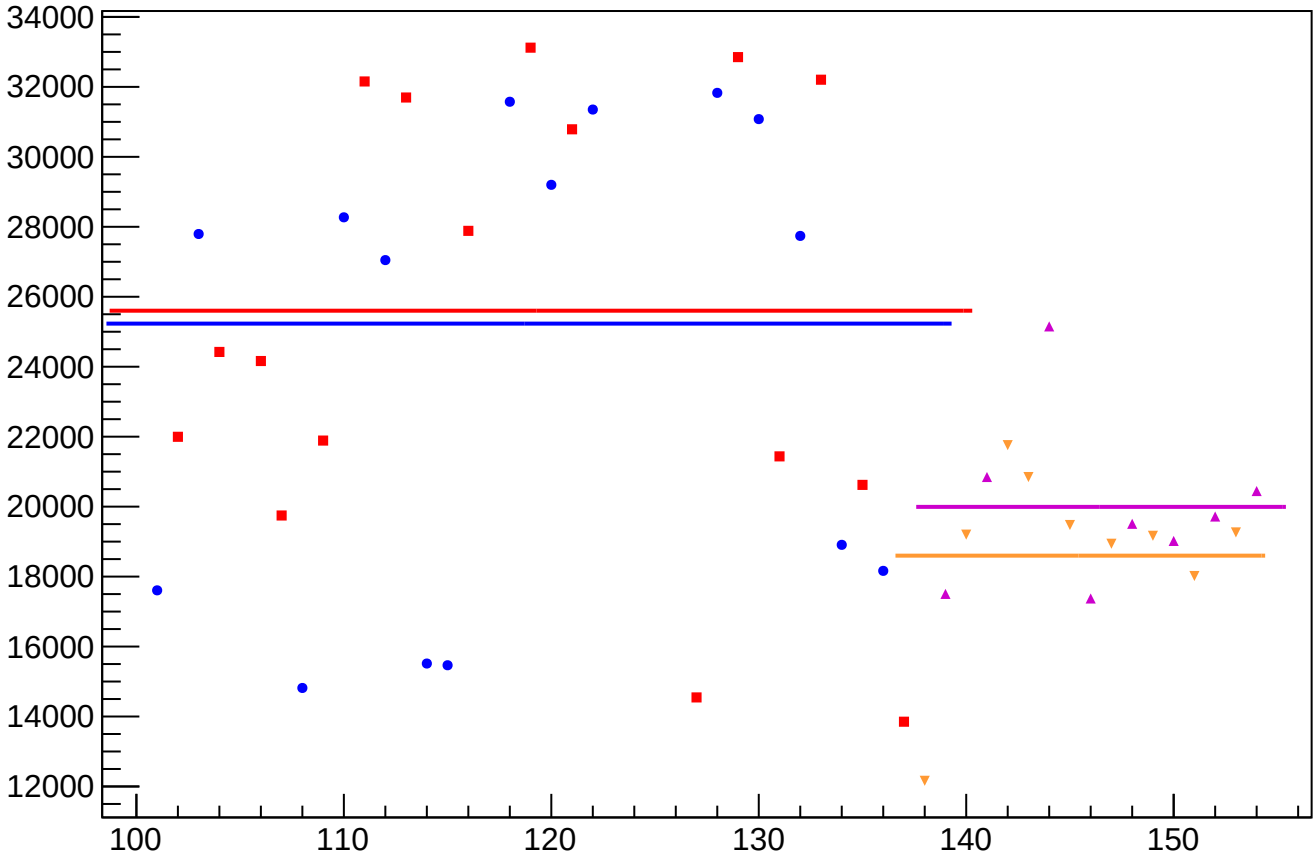
All: 1078.959+/-0.000 χ^2/NDF: 1911018671 9

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Left Out: 18598.753+/-0.000 χ^2/NDF:4220486056035920979254350229385437511680.0/8

Right Out: 25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

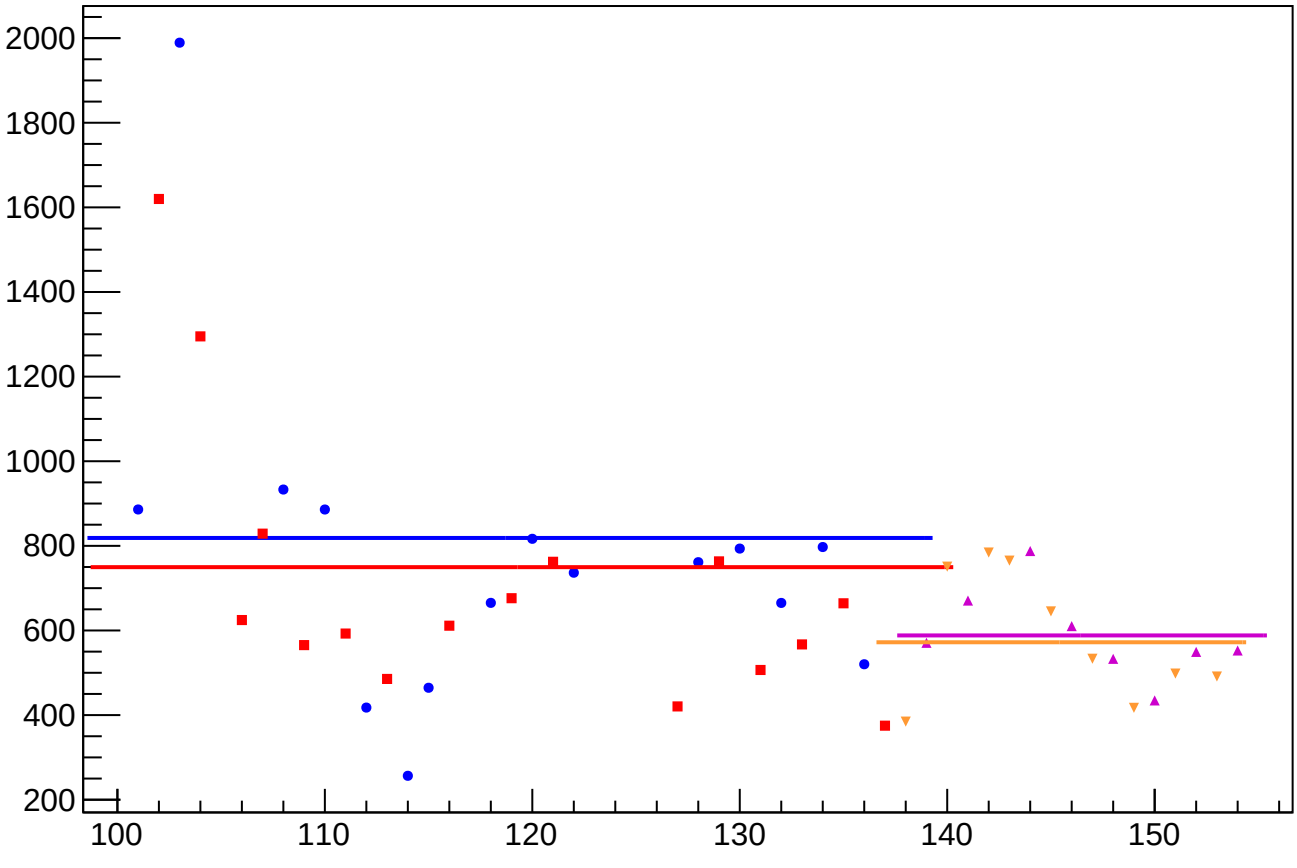
Left In: 19993.188+/-0.000 χ^2/NDF:3632573034403085212765460815228480520192.0/7

+ sign 21843.007+/-0.000 χ^2/NDF: 4334609455381

All: 22302.312+/-0.000 χ^2/NDF: 8255171819

- sign 22751.794+/-0.000 χ^2/NDF: 3865172044525

dit_usr_coil7_err_mean vs Slug



Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14

+ sign 692.700+/-0.000 χ^2/NDF: 139233684840509

Left Out: 572.121+/-0.000 χ^2/NDF:1347118561959568135817095683650040 6272.0/8

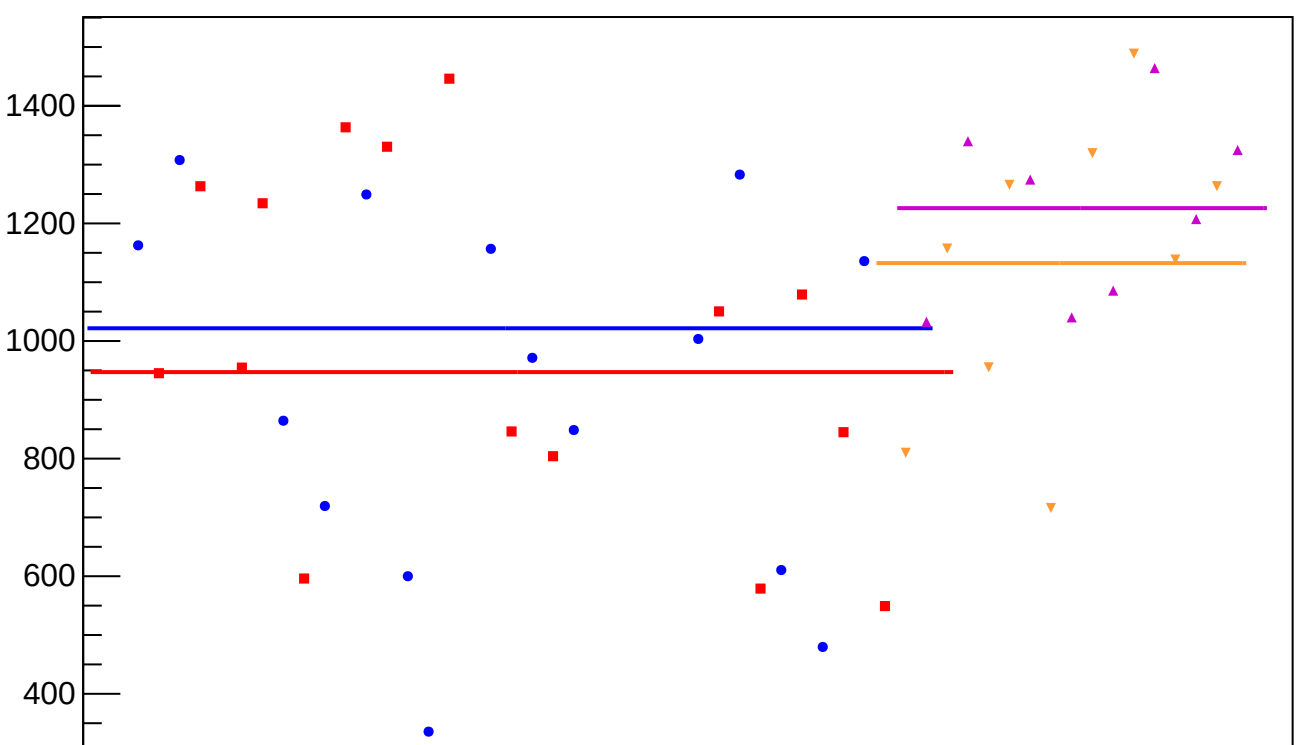
All: 680.049+/-0.000 χ^2/NDF: 23328378347 0

Right Out: 749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15

- sign 667.668+/-0.000 χ^2/NDF: 936298342650988

Left In: 588.292+/-0.000 χ^2/NDF:6831871837212381391966761393030430720.0/7

dit_usr_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF:3968687619249691585808585839483237171 2.0/8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

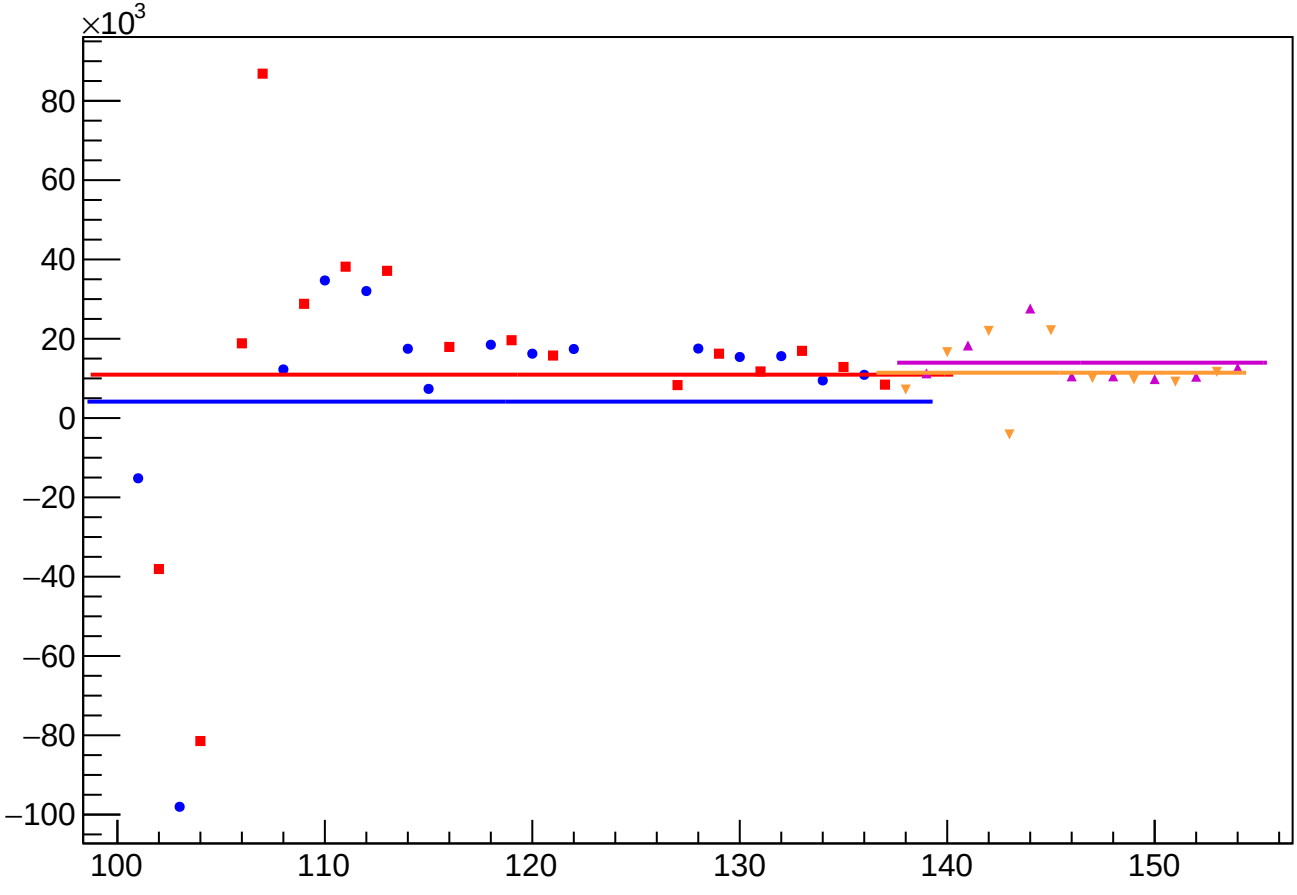
Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

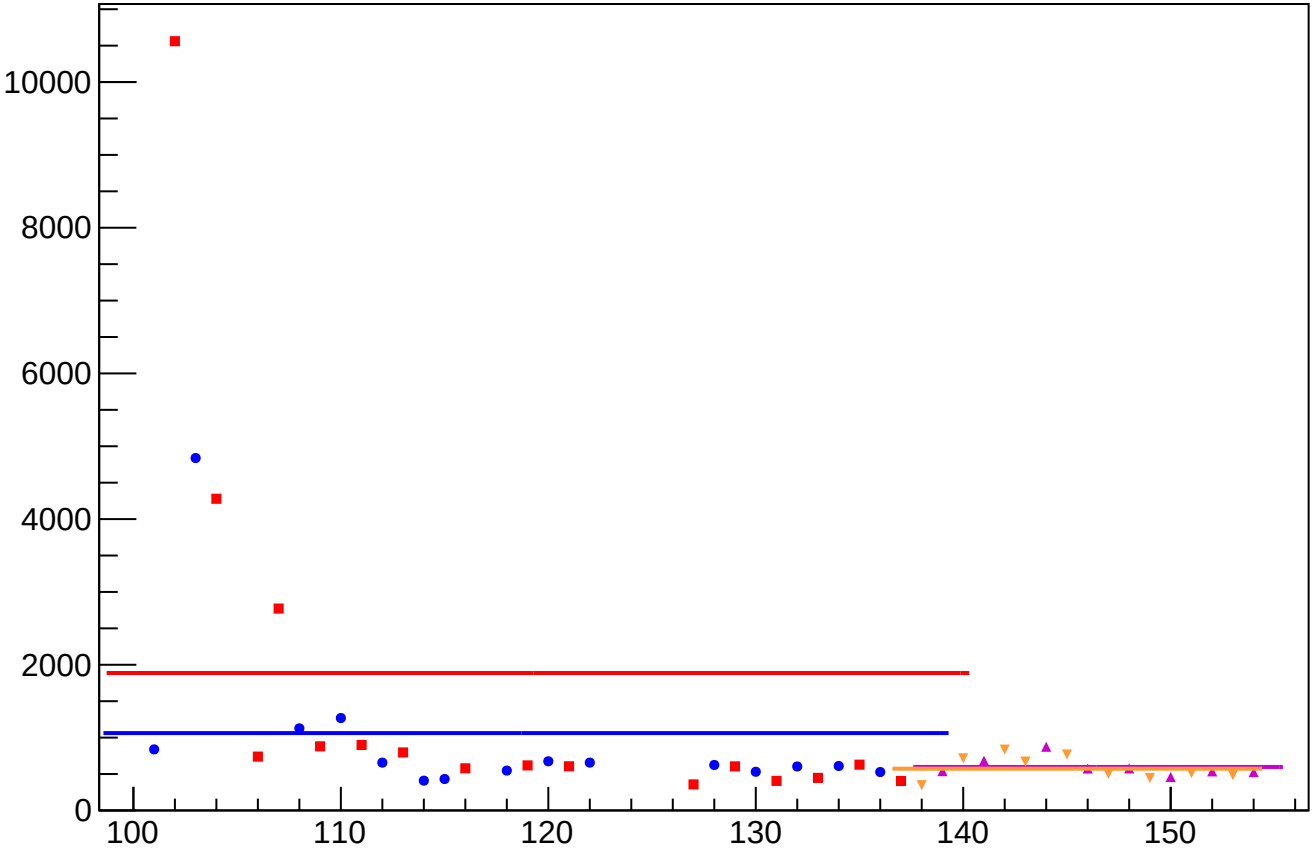
- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

dit_atl1_coil7_mean vs Slug



Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14
+ sign 7868.194+/-0.000 χ^2/NDF: 8162876766432 4
Left Out: 11431.881+/-0.000 χ^2/NDF:3498791474077478844766520321251401636249 6.0/8
All: 10199.476+/-0.000 χ^2/NDF: 1731148881
Right Out: 10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15
- sign 12480.900+/-0.000 χ^2/NDF: 9005912898902
Left In: 13964.782+/-0.000 χ^2/NDF:2355735300222835958231169387593954492416 0.0/7

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

+ sign 812.537+/-0.000 χ^2/NDF: 104714634595631

Left Out: 573.610+/-0.000 χ^2/NDF:1520187241105608692620909326743738777 6.0/8

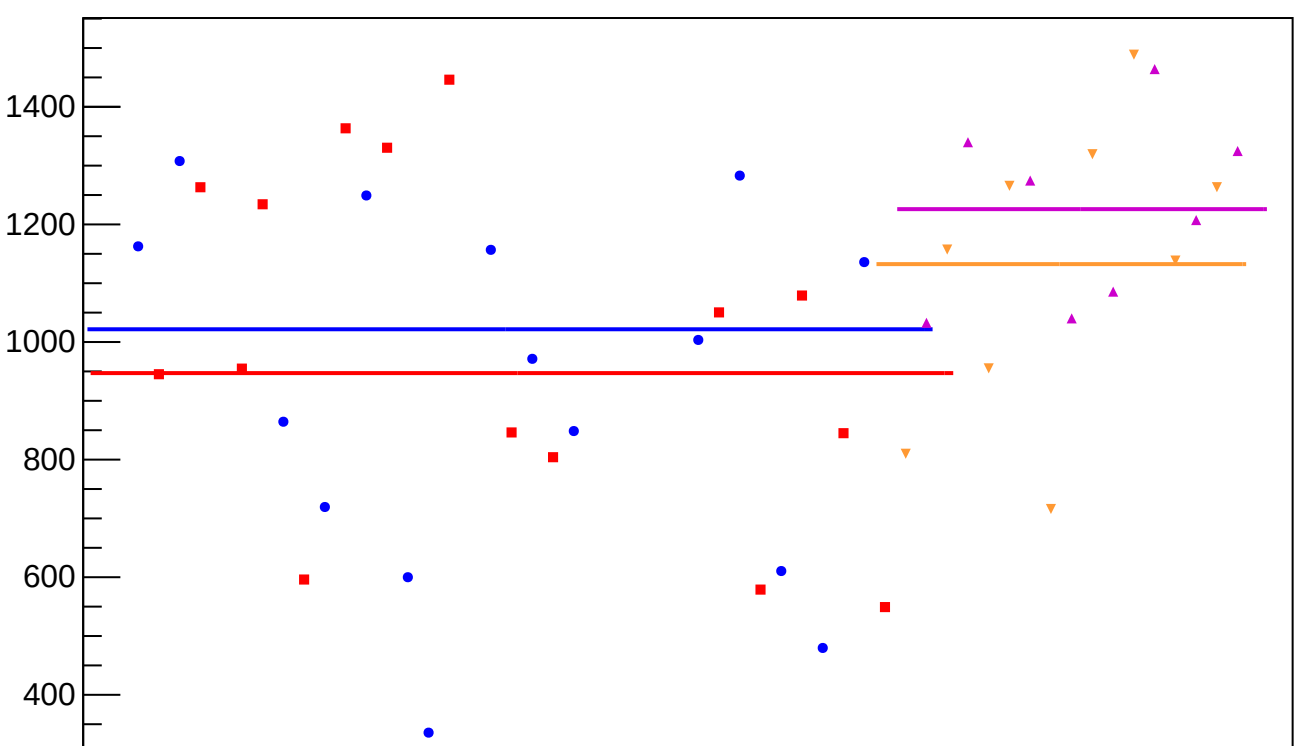
All: 1024.340+/-0.000 χ^2/NDF: 7265084065 9

Right Out: 1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828352 0.0/15

- sign 1231.613+/-0.000 χ^2/NDF: 61001512227556

Left In: 597.079+/-0.000 χ^2/NDF:10298448800925738934741608462922285056.0/7

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF:3968687619249691585808585839483237171 2.0/8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

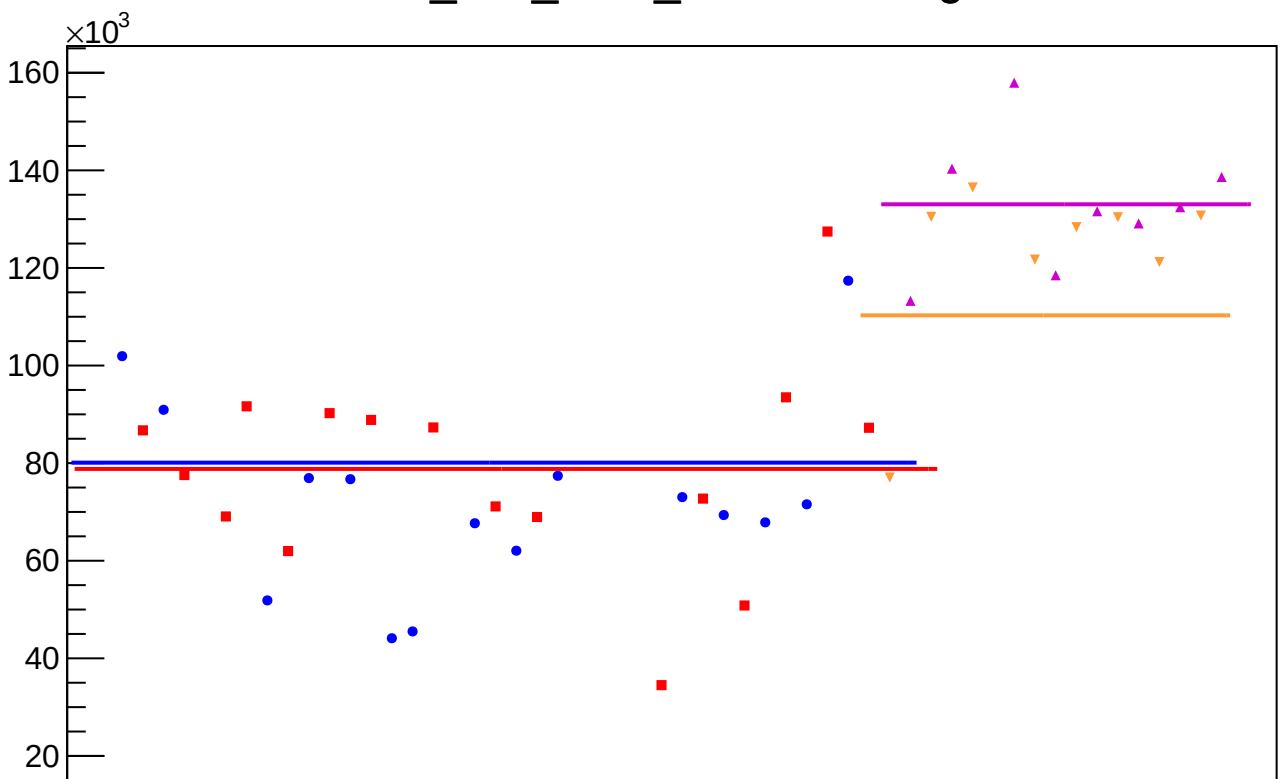
Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

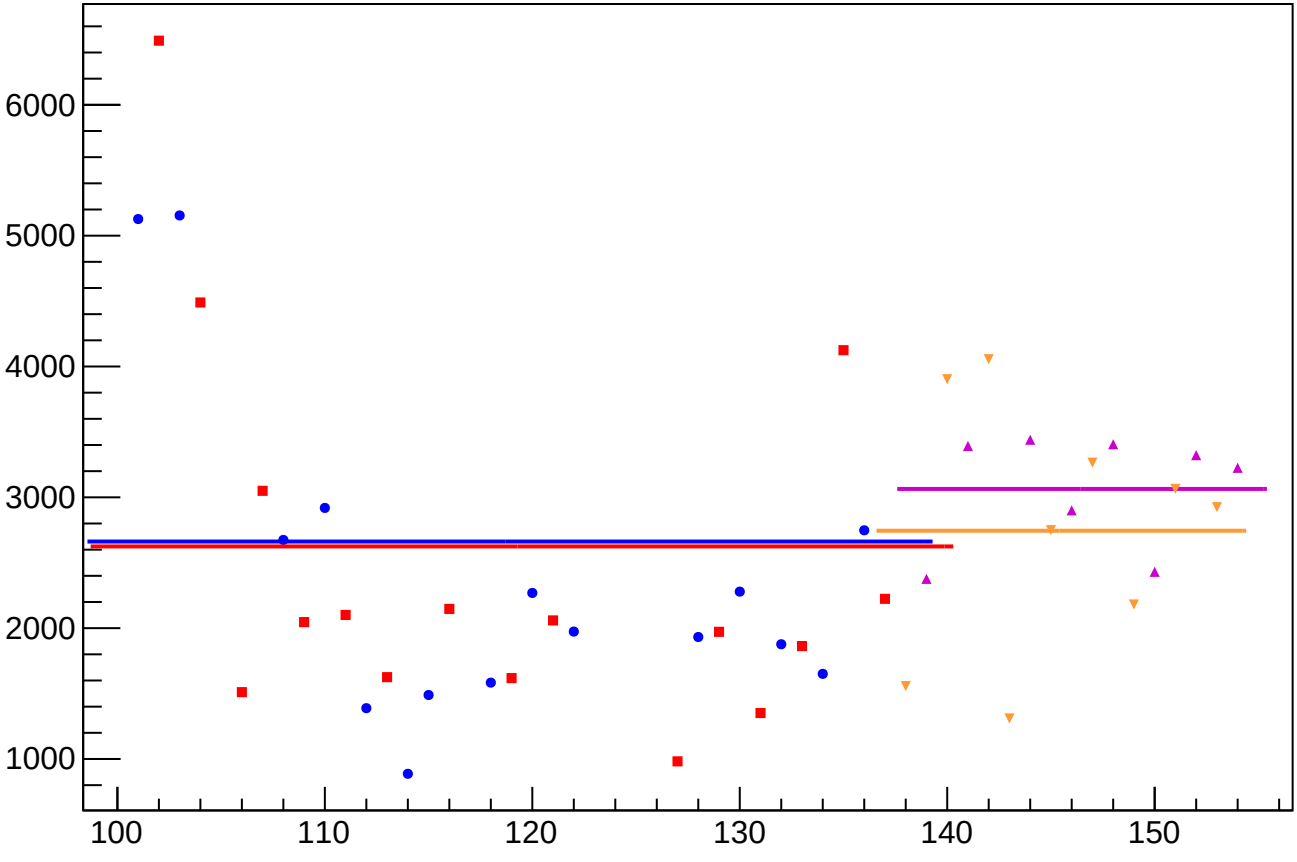
- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14
+ sign 95524.037+/-0.000 χ^2/NDF: 1527303704476
Left Out: 110285.946+/-0.000 χ^2/NDF:9706886848389079090257414508993659503902 72.0/8
All: 101005.403+/-0.000 χ^2/NDF: 30023304 2
Right Out: 78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854 72000.0/15
- sign 106369.542+/-0.000 χ^2/NDF: 139613898410
Left Out: 133043.452+/-0.000 χ^2/NDF:1134492866318436544764803009588517907988 48.0/7

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14

Left Out: 2744.731+/-0.000 χ^2/NDF:4954921369865653331648134053804617236 48.0/8

Right Out: 2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

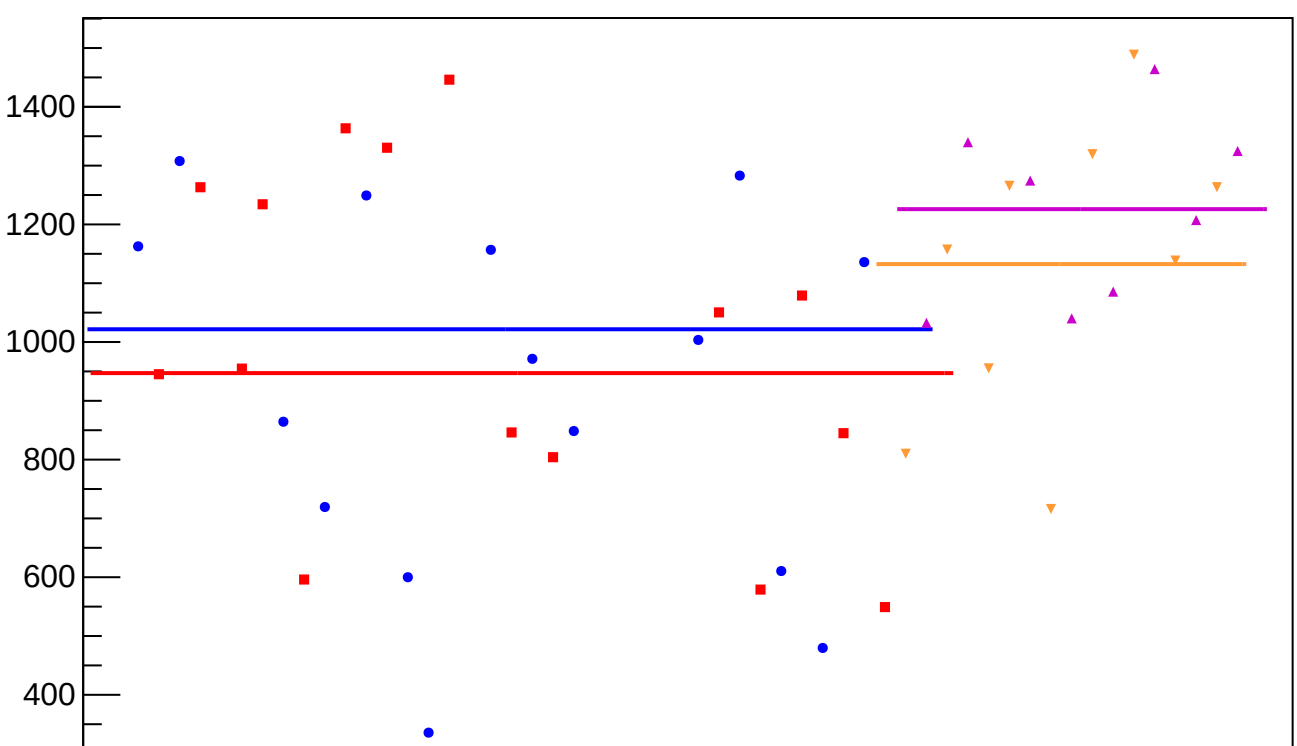
Left In: 3064.200+/-0.000 χ^2/NDF:116676543284157332172250182720969244672.0/7

+ sign 2704.359+/-0.000 χ^2/NDF: 1529140891896 5

All: 2776.963+/-0.000 χ^2/NDF: 3291828064 9

- sign 2848.013+/-0.000 χ^2/NDF: 1748846888786 9

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF:3968687619249691585808585839483237171 2.0/8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

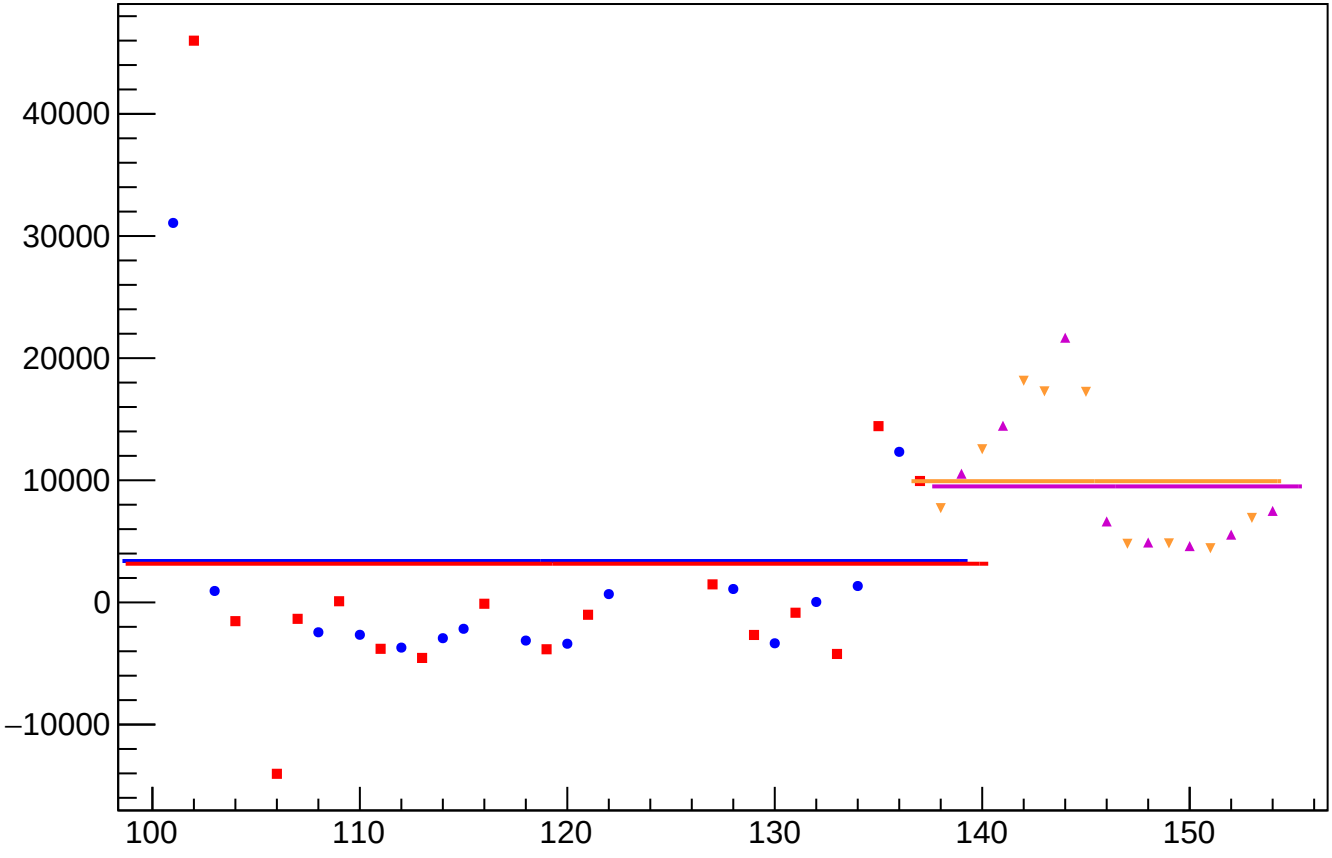
Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF: 658719274415532567241791945562801737564 16.0/14

Left Out: 9926.183+/-0.000 χ^2/NDF:193252811199062904487199116685705436200 96.0/8

Right Out: 3167.396+/-0.000 χ^2/NDF: 137753886677241144460462531881687568089088.0/15

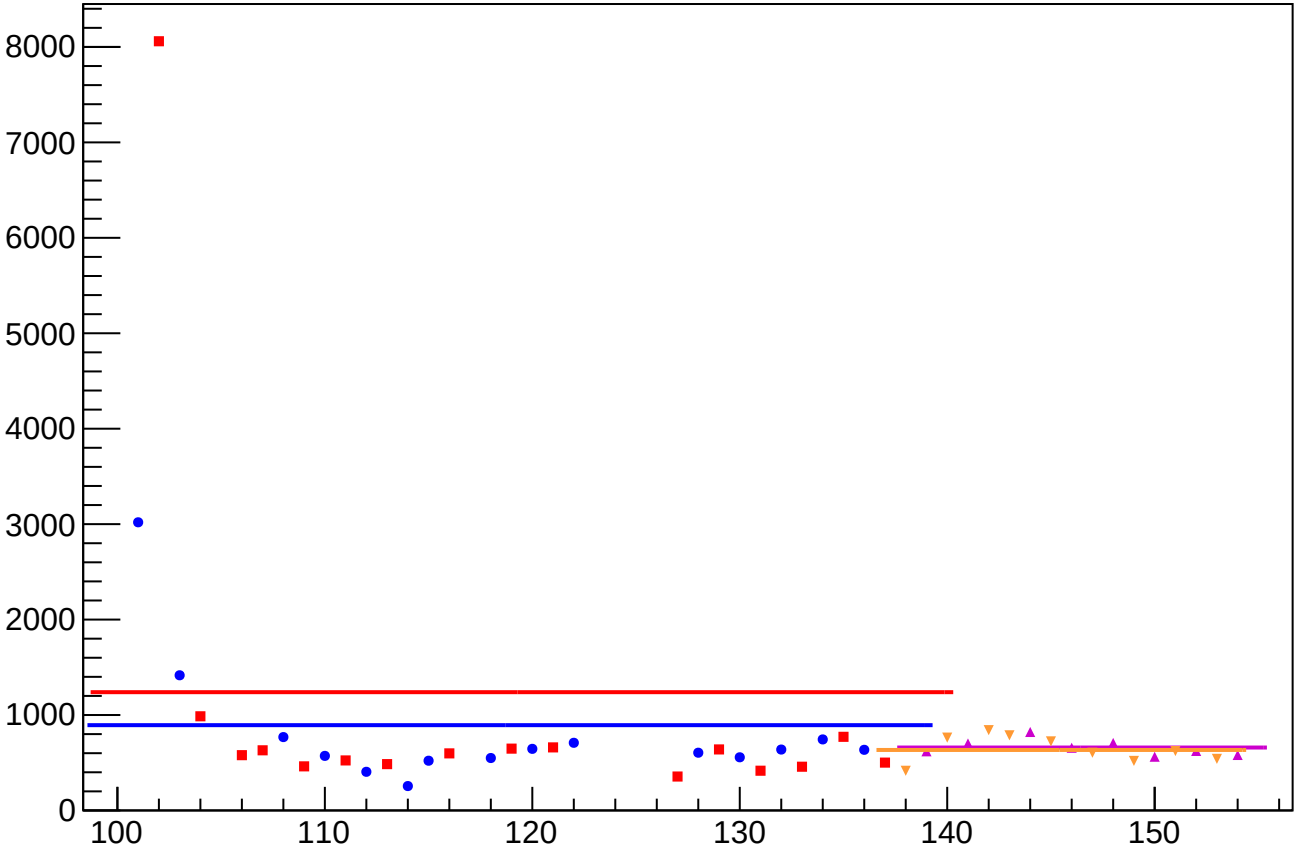
Left In: 9498.829+/-0.000 χ^2/NDF:217229460804600478689244216053265690 78784.0/7

+ sign 6729.781+/-0.000 χ^2/NDF: 9936097662595 6

All: 6555.261+/-0.000 χ^2/NDF: 2725037104 7

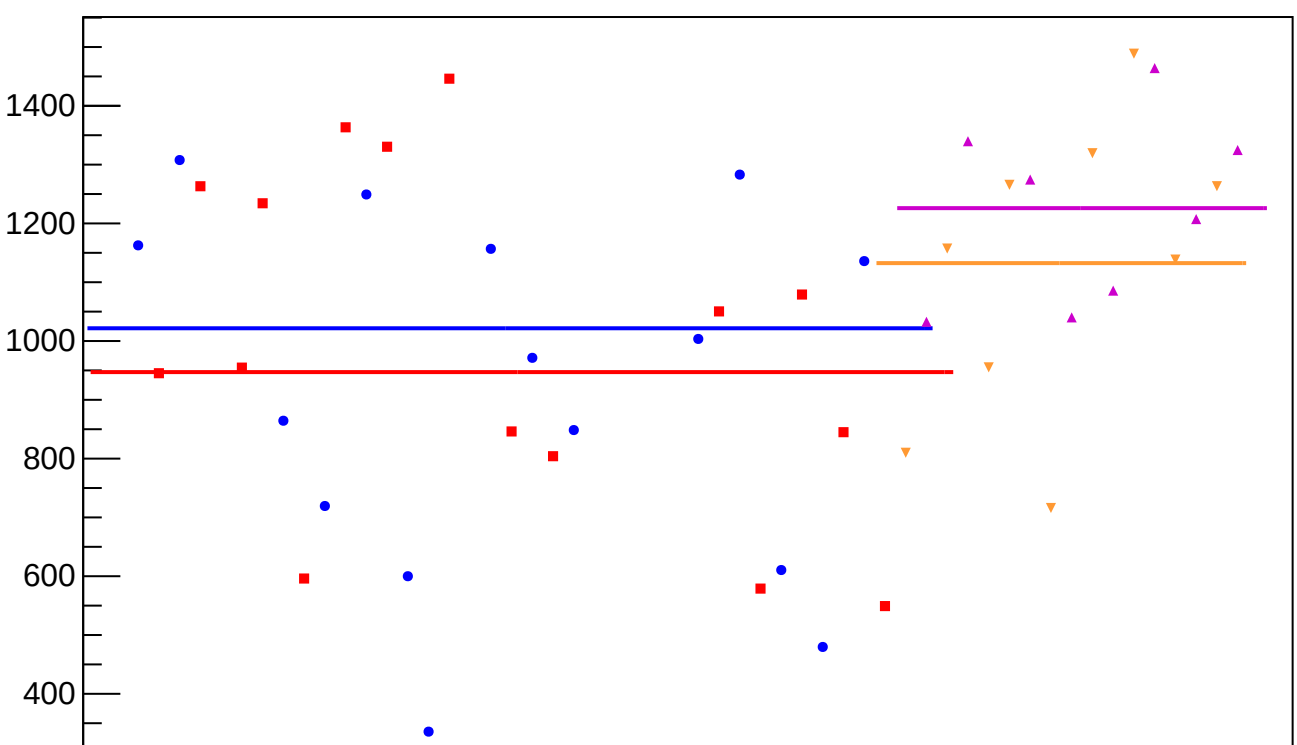
- sign 6384.473+/-0.000 χ^2/NDF: 17306276478317

dit_atr1_coil7_err_mean vs Slug



Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14
+ sign 760.932+/-0.000 χ^2/NDF: 36819068828025 0
Left Out: 633.859+/-0.000 χ^2/NDF:1122187214650408410637968652653454950 4.0/8
All: 853.760+/-0.000 χ^2/NDF: 34801451318 2
Right Out: 1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
- sign 944.604+/-0.000 χ^2/NDF: 308932913455441
Left In: 659.319+/-0.000 χ^2/NDF:4336691008026220857527501513702768640.0/7

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

Left Out: 1132.494+/-0.000 χ^2/NDF:396868761924969158580858583948323717 12.0/8

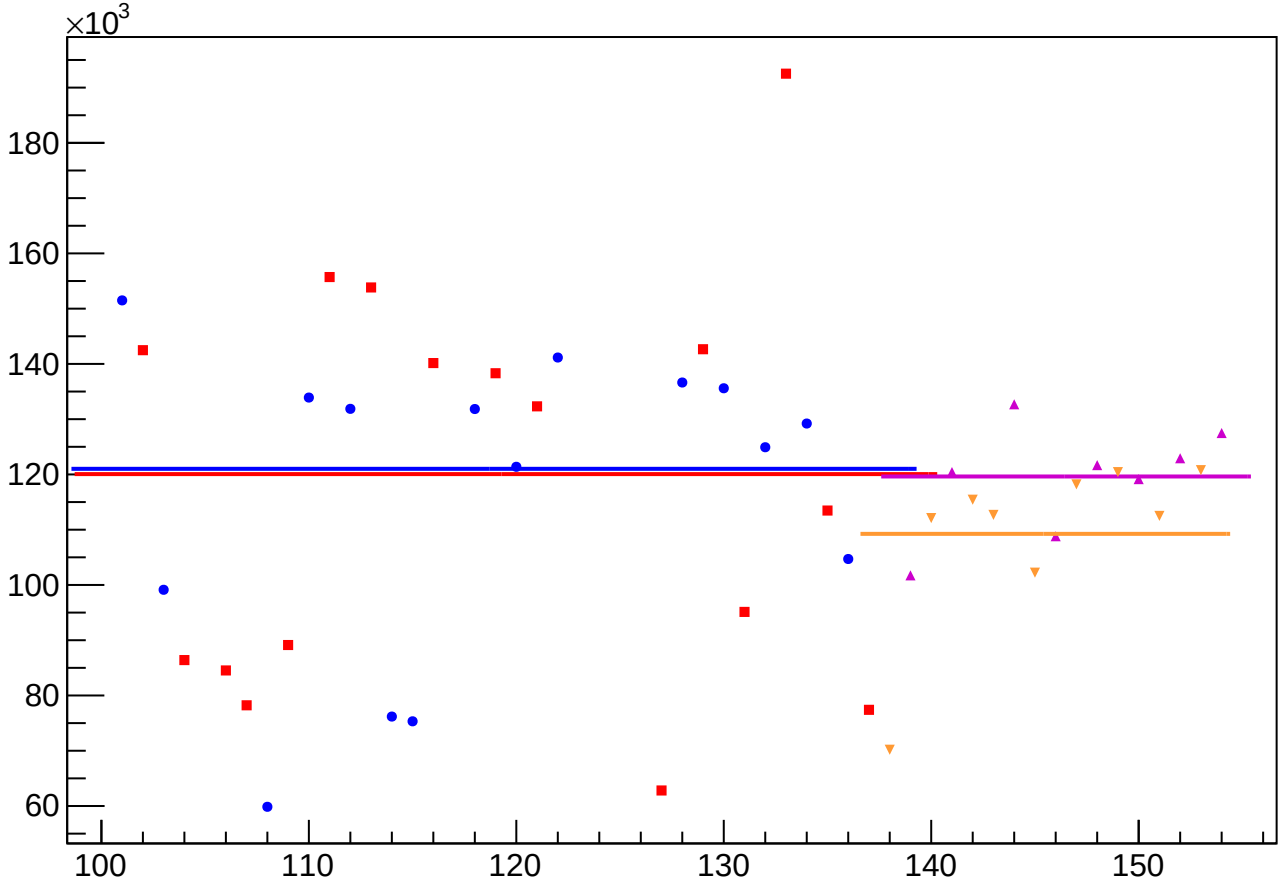
All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

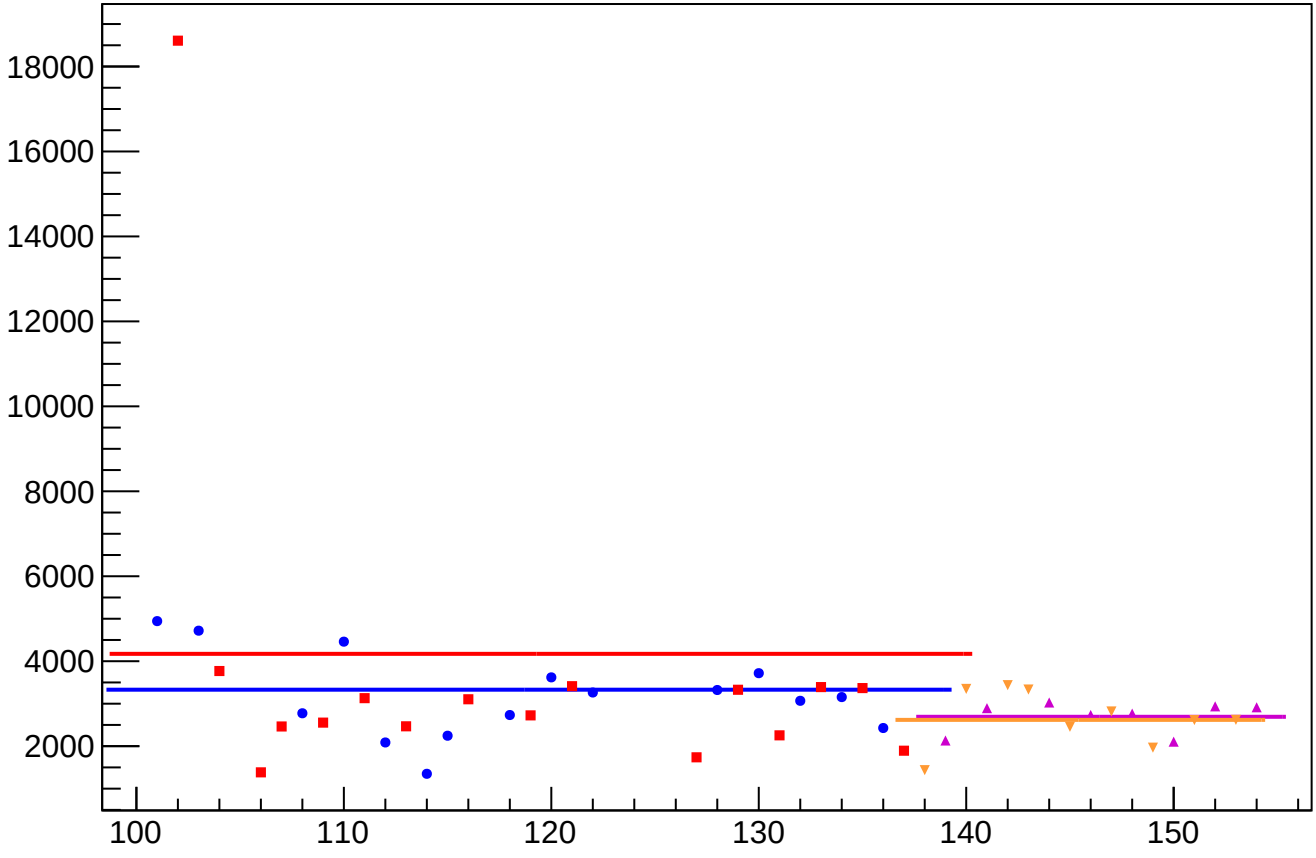
Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

dit_atr2_coil7_mean vs Slug



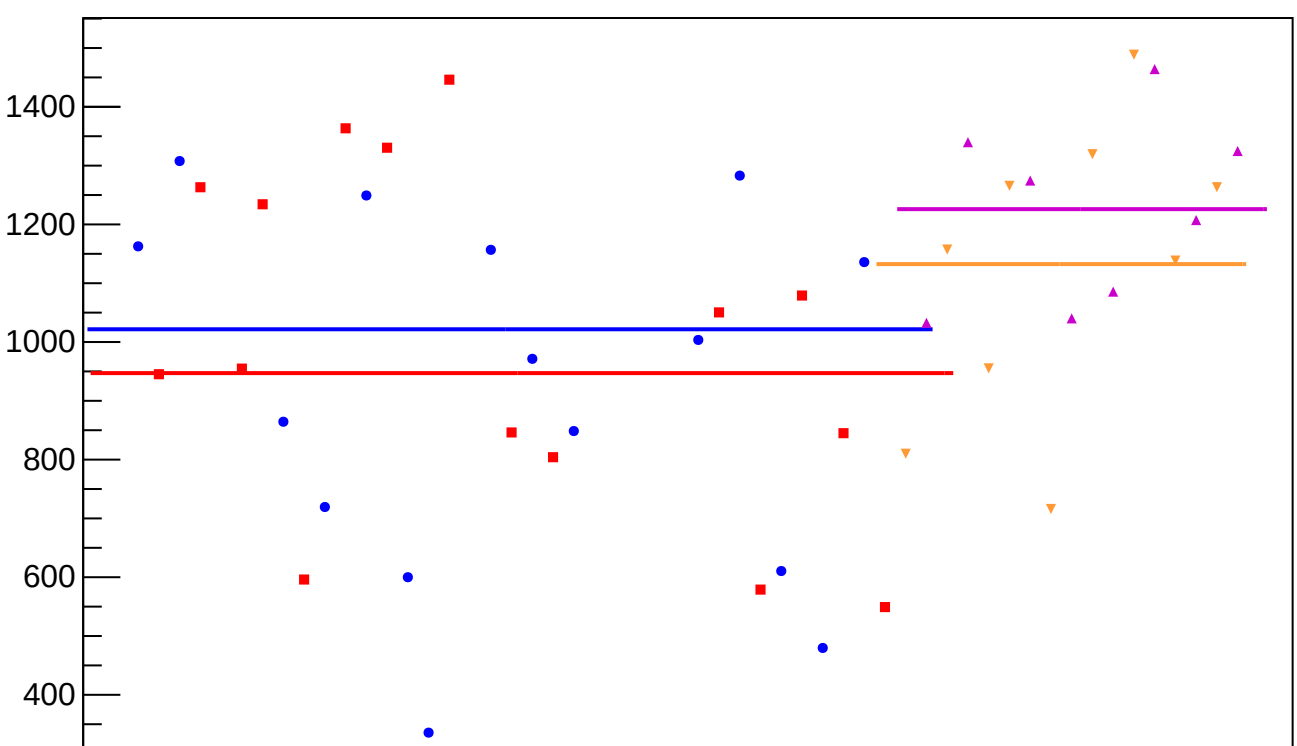
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
+ sign 115003.111+/-0.000 χ^2/NDF: 55973695325 4
Left Out: 109246.949+/-0.000 χ^2/NDF:1550904022680605809929488625506684491530 24.0/8
All: 117448.621+/-0.000 χ^2/NDF: 14616254 9
Right Out: 120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
- sign 119841.830+/-0.000 χ^2/NDF: 88618596797 9
Left In: 119629.955+/-0.000 χ^2/NDF:5770330564126385864665020429106866133 4016.0/7

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14
+ sign 2966.423+/-0.000 χ^2/NDF: 9934289752862
Left Out: 2618.887+/-0.000 χ^2/NDF:2589558096261709189552372436329331425 28.0/8
All: 3195.926+/-0.000 χ^2/NDF: 1545447799
Right Out: 4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810 6240.0/15
- sign 3420.520+/-0.000 χ^2/NDF: 14322753336567
Left In: 2691.648+/-0.000 χ^2/NDF:8036364998183357861857967560878089830 4.0/7

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF:3968687619249691585808585839483237171 2.0/8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

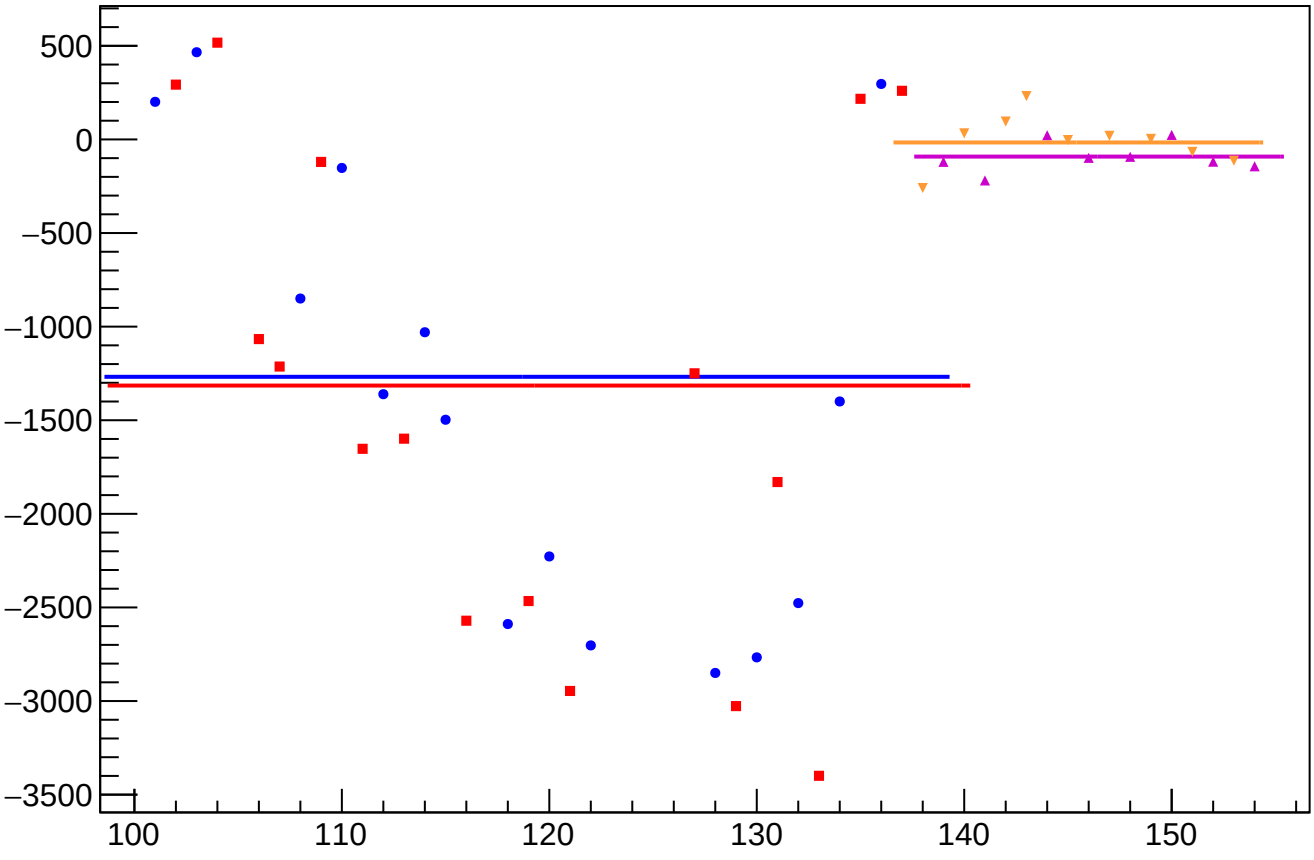
Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

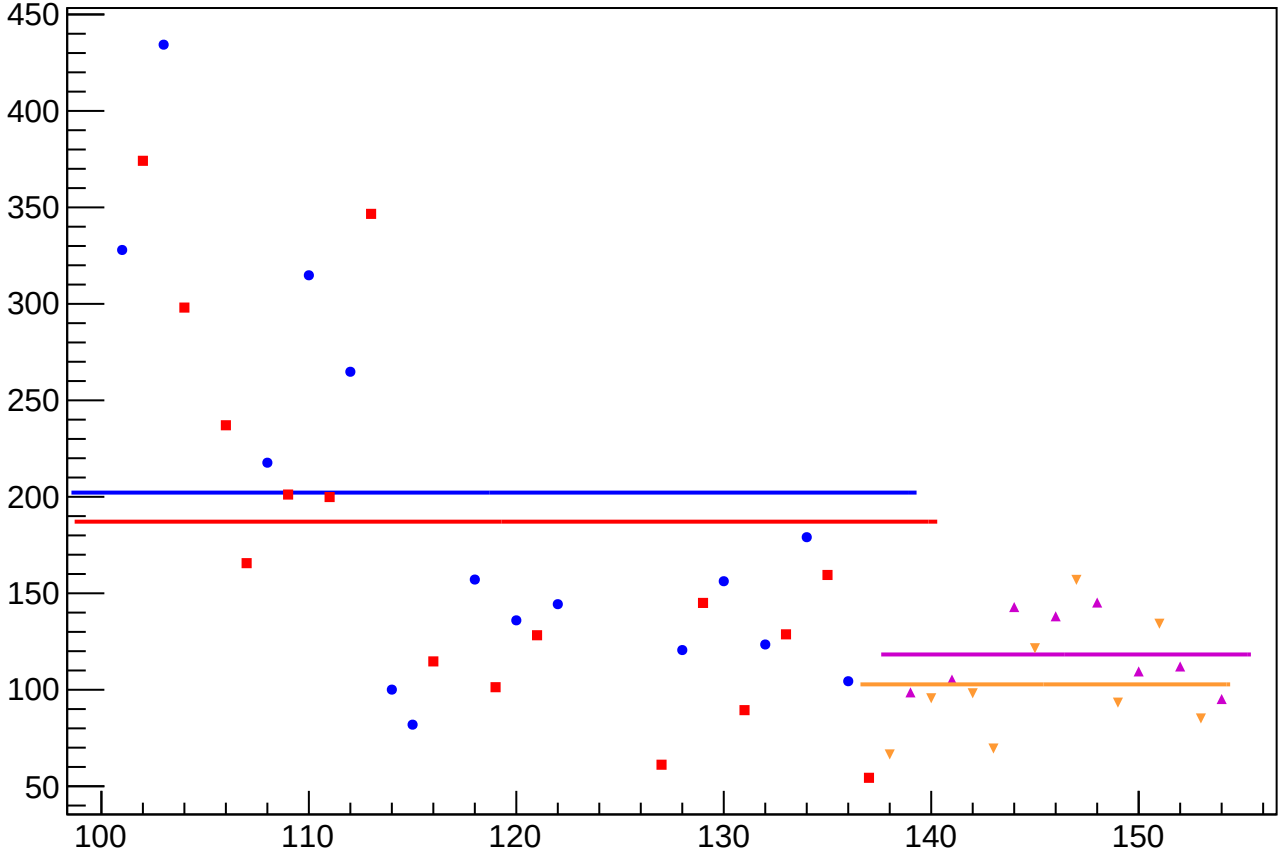
- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14
+ sign -628.449+/-0.000 χ^2/NDF: 16225774768621
Left Out: -16.195+/-0.000 χ^2/NDF:1063715092766953362957287228939698176 0.0/8
All: -661.226+/-0.000 χ^2/NDF: 32349846717
Right Out: -1314.767+/-0.000 χ^2/NDF: 109847131386407901371460937965326093516 8.0/15
- sign -693.303+/-0.000 χ^2/NDF: 16095863189547
Left In: -91.682+/-0.000 χ^2/NDF:4125116408881259843751030315397677056.0/7

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Left Out: 102.800+/-0.000 χ^2/NDF:549432881513606320127951824828235776.0/8

Right Out: 187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

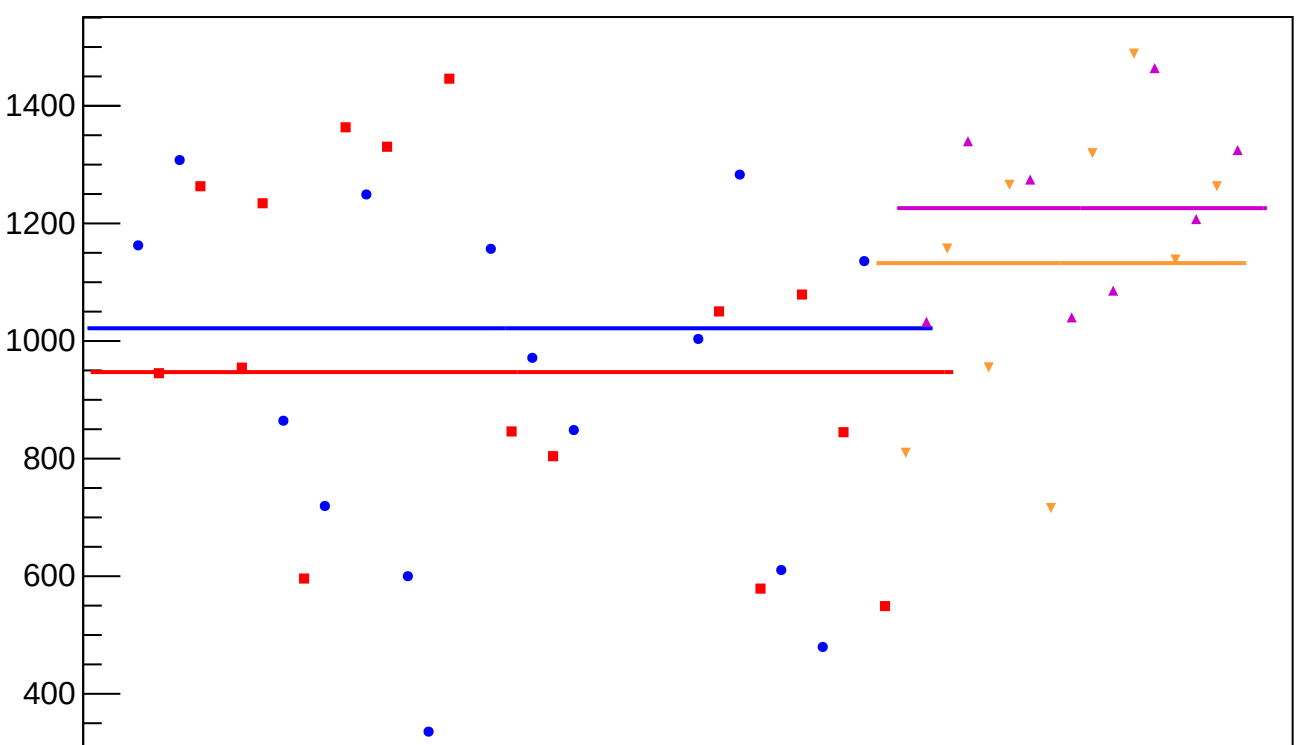
Left In: 118.298+/-0.000 χ^2/NDF:250552451341290168456116188638871552.0/7

+ sign 151.409+/-0.000 χ^2/NDF: 108530239809238

All: 151.785+/-0.000 χ^2/NDF: 189394790899

- sign 152.154+/-0.000 χ^2/NDF: 808608343777992

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

Left Out: 1132.494+/-0.000 χ^2/NDF:3968687619249691585808585839483237171 2.0/8

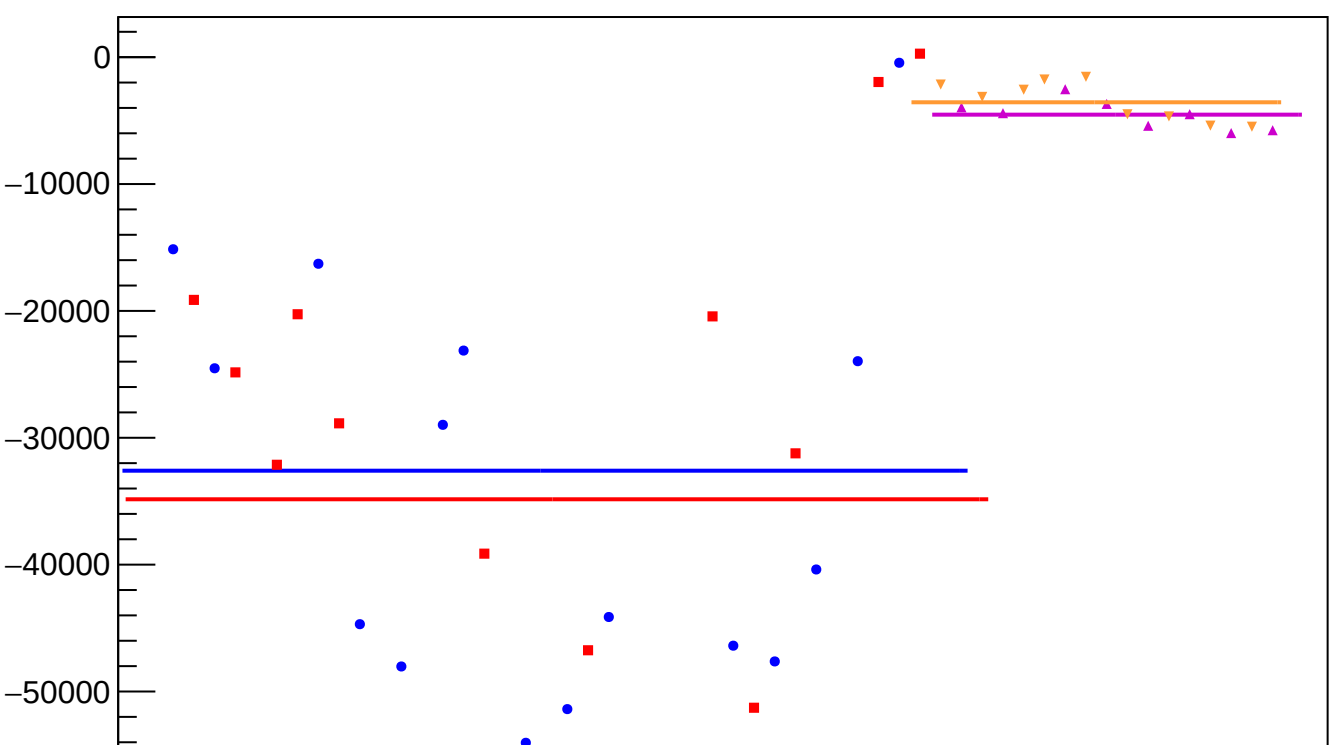
All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

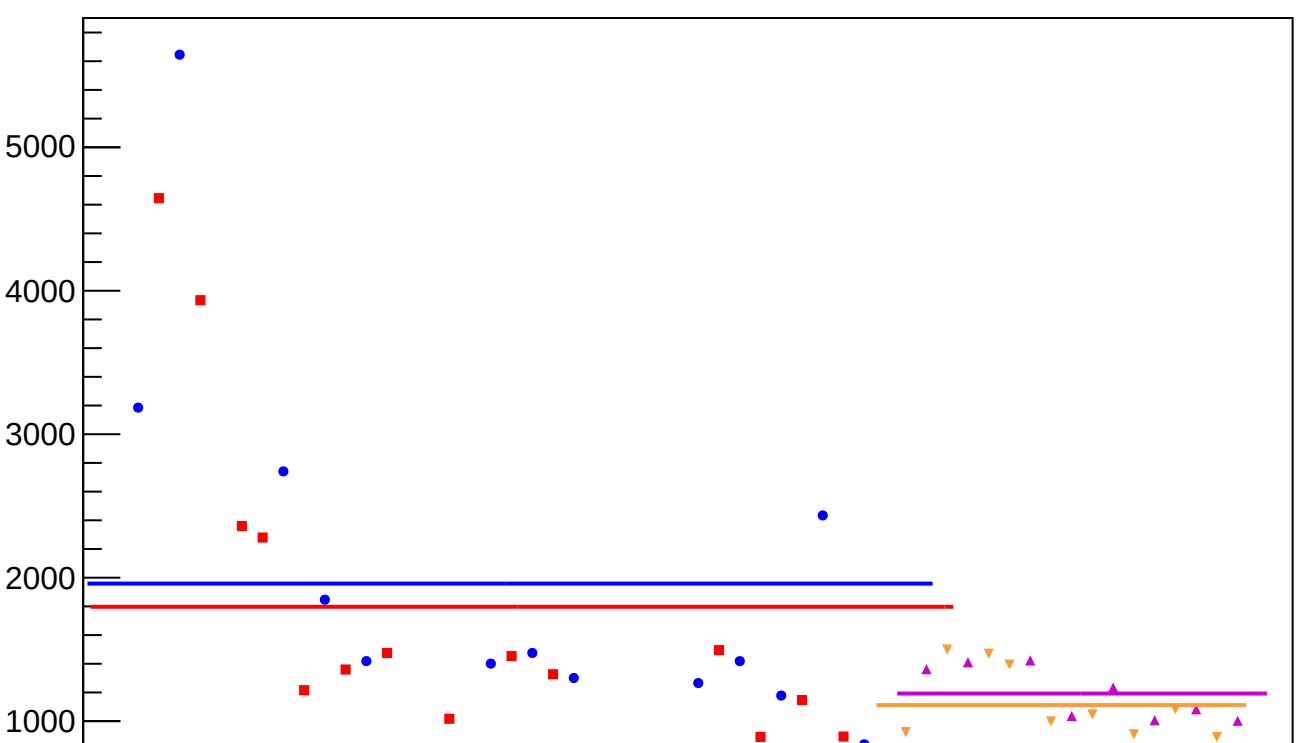
Left In: 1225.991+/-0.000 χ^2/NDF:1491667560296872175432968143145376 1536.0/7

dit_sam2_coil7_mean vs Slug



Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
+ sign -17757.815+/-0.000 χ^2/NDF: 490287509869
Left Out: -3555.295+/-0.000 χ^2/NDF:1505237586009712903764234279882042900480.0/8
All: -18609.754+/-0.000 χ^2/NDF: 102565351
Right Out: -34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
- sign -19443.473+/-0.000 χ^2/NDF: 5334603277558
Left In: -4530.774+/-0.000 χ^2/NDF:8272101947795013350133589445371609743 36.0/7

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

+ sign 1526.119+/-0.000 χ^2/NDF: 1462656960724

Left Out: 1111.911+/-0.000 χ^2/NDF:3549034625326792738575940777657185075 2.0/8

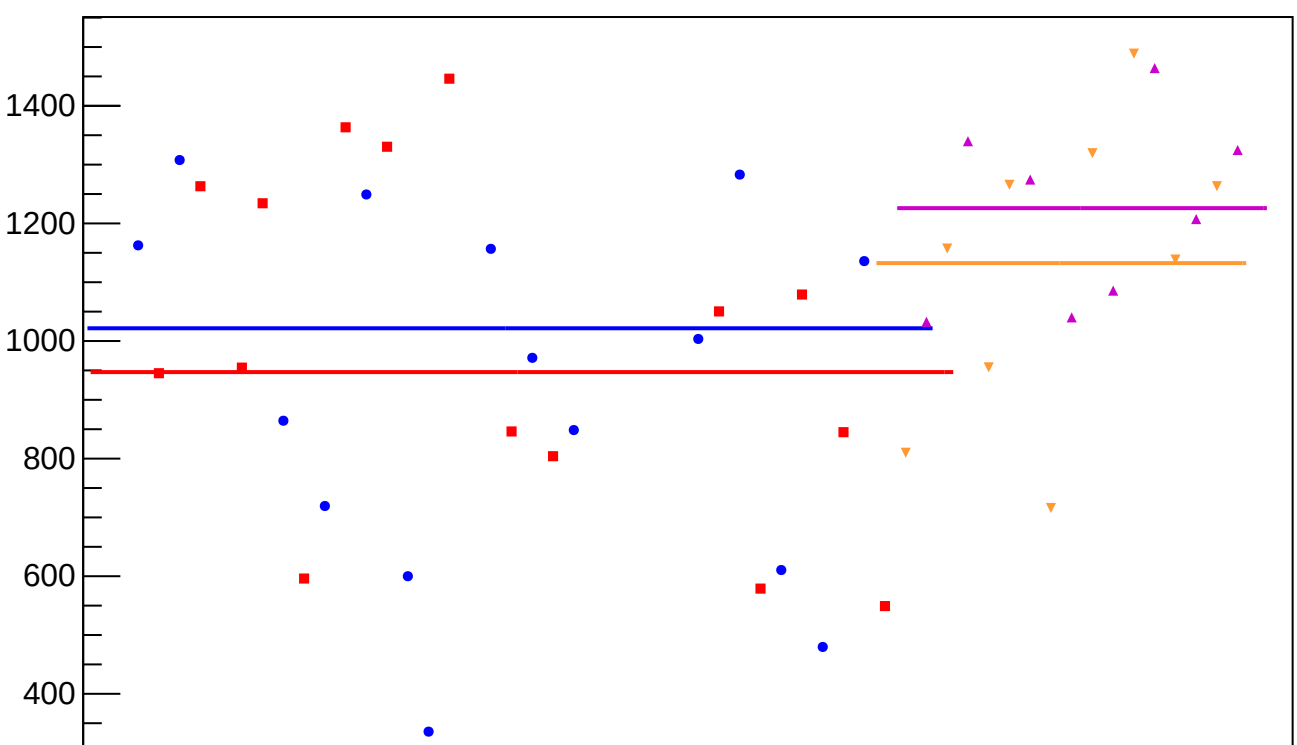
All: 1507.885+/-0.000 χ^2/NDF: 2563331640

Right Out: 1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

- sign 1490.041+/-0.000 χ^2/NDF: 10998017055990

Left In: 1192.503+/-0.000 χ^2/NDF:2070077668992895912556921942138316390 4.0/7

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF:3968687619249691585808585839483237171 2.0/8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

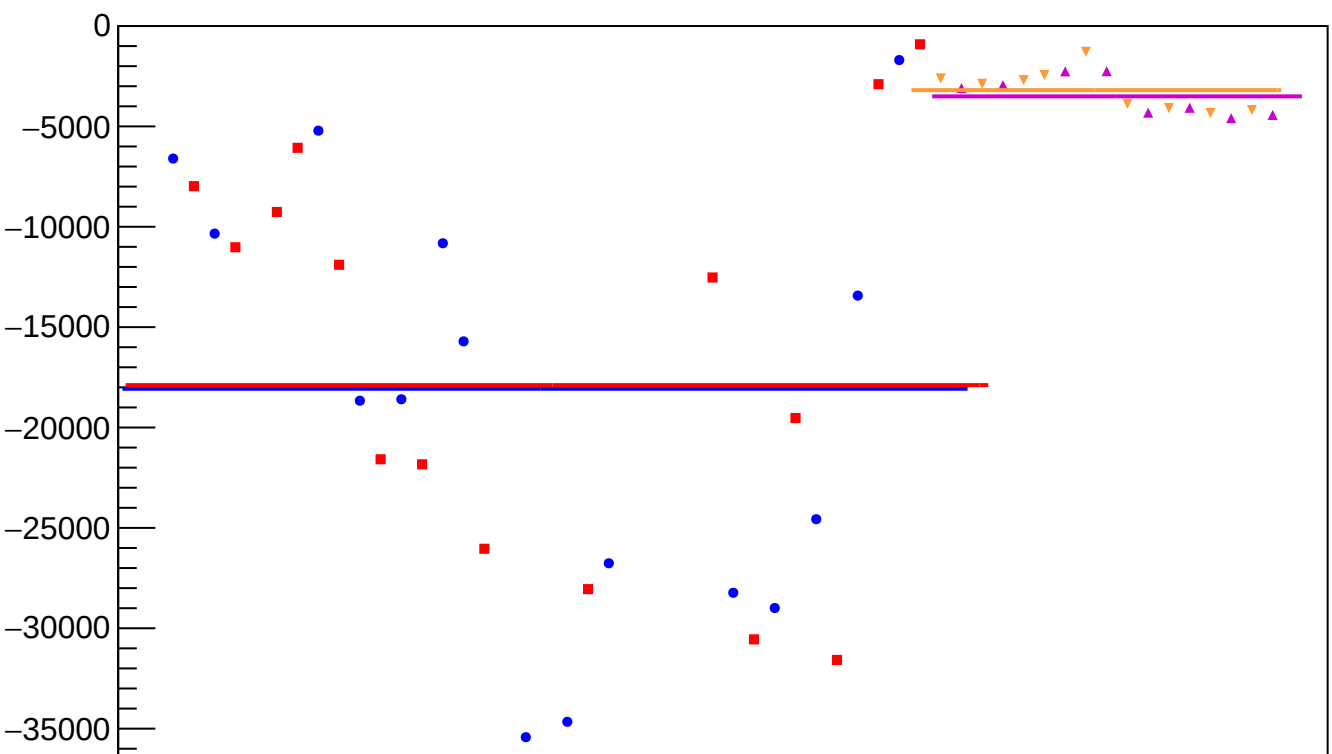
Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

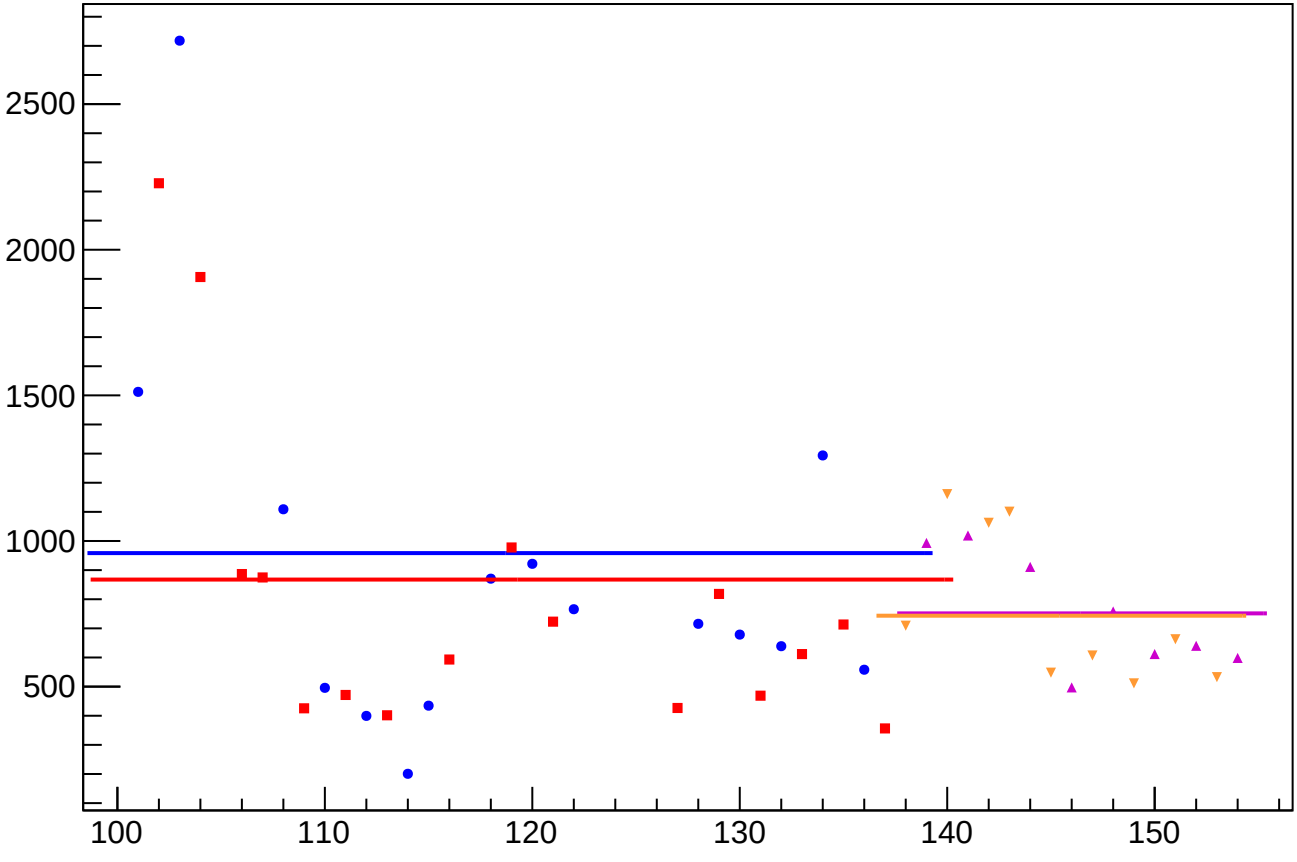
- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
+ sign -10469.267+/-0.000 χ^2/NDF: 158332669864
Left Out: -3195.028+/-0.000 χ^2/NDF:66527677117239682002190251116091722956 8.0/8
All: -10525.033+/-0.000 χ^2/NDF: 307437829
Right Out: -17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301580 8.0/15
- sign -10579.606+/-0.000 χ^2/NDF: 149096994470 4
Left In: -3504.428+/-0.000 χ^2/NDF:5733449765972198411406157089981323018 24.0/7

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Left Out: 743.472+/-0.000 χ^2/NDF:4098016458329307260275072933871956787 2.0/8

Right Out: 867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881510 40.0/15

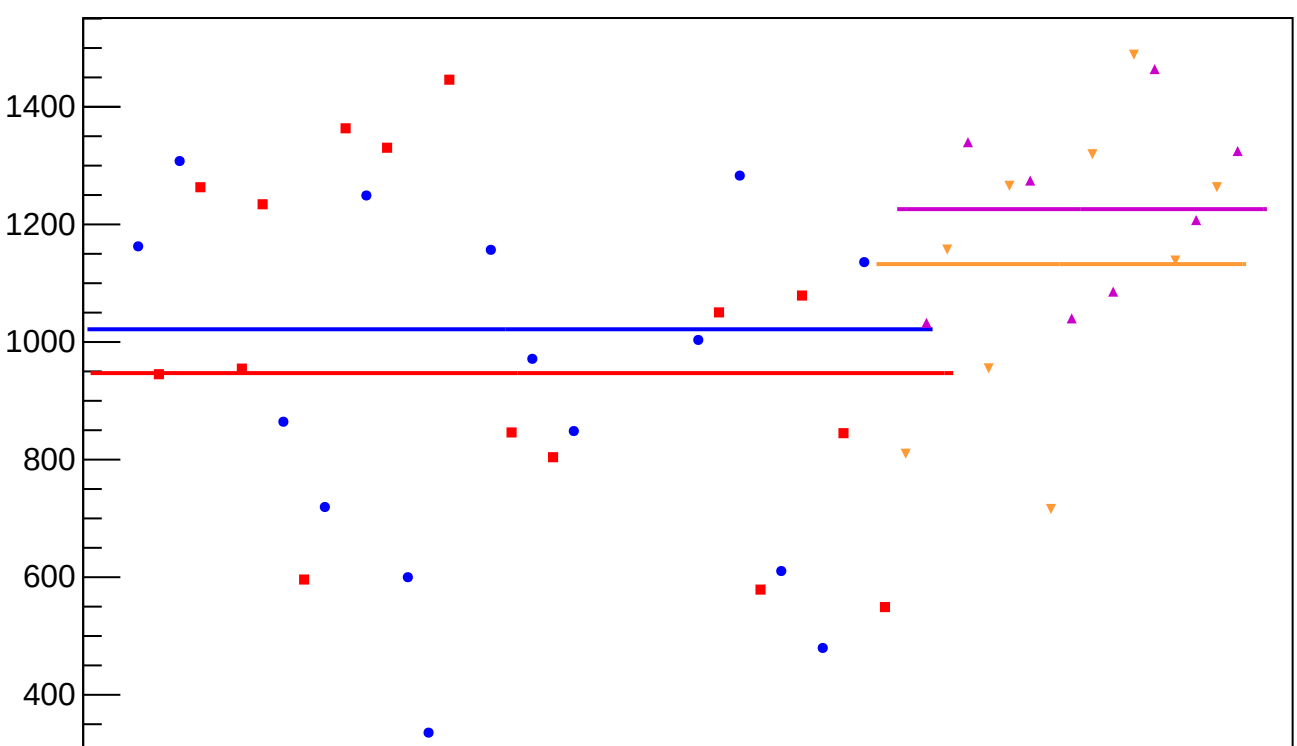
Left In: 751.446+/-0.000 χ^2/NDF:2338173908155330329028387539501501644 8.0/7

+ sign 848.593+/-0.000 χ^2/NDF: 321032338285516

All: 828.355+/-0.000 χ^2/NDF: 56618692498 3

- sign 808.550+/-0.000 χ^2/NDF: 244079211347267

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

Left Out: 1132.494+/-0.000 χ^2/NDF:396868761924969158580858583948323717 12.0/8

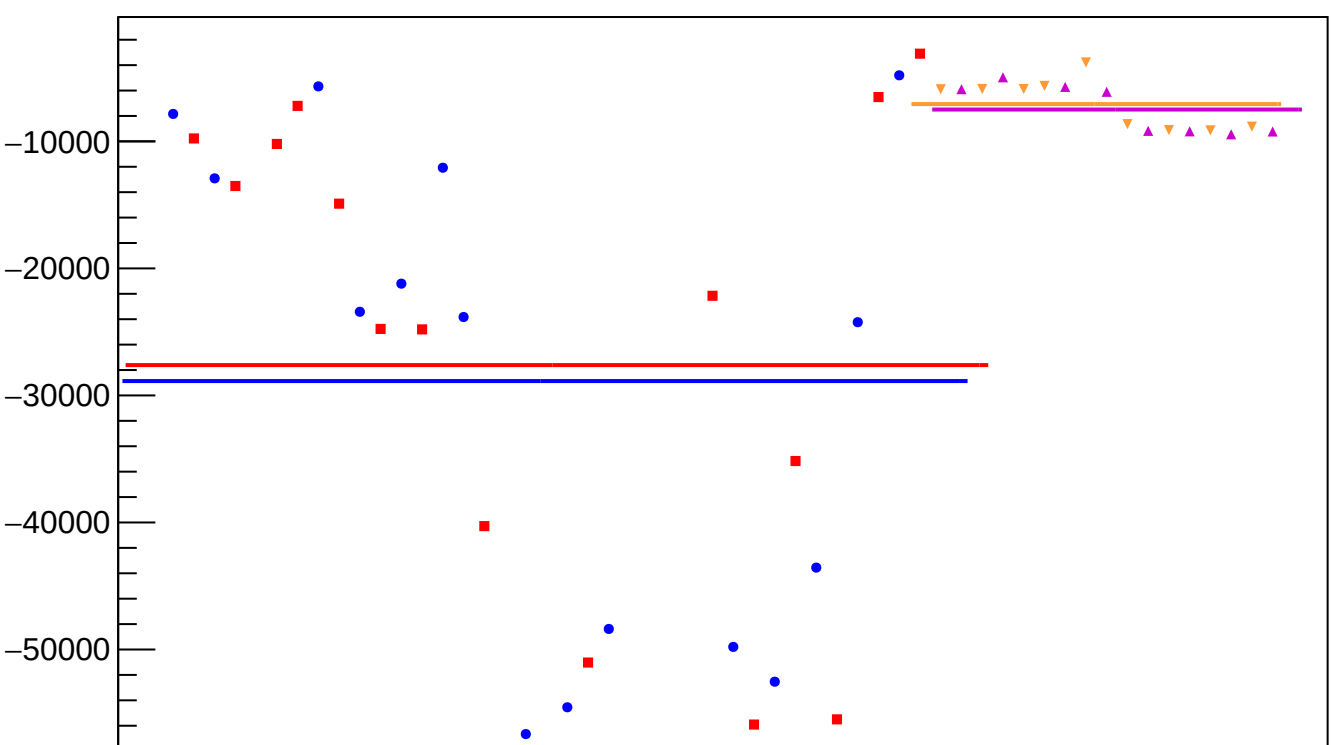
All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1088.830+/-0.000 χ^2/NDF: 109053343761 80

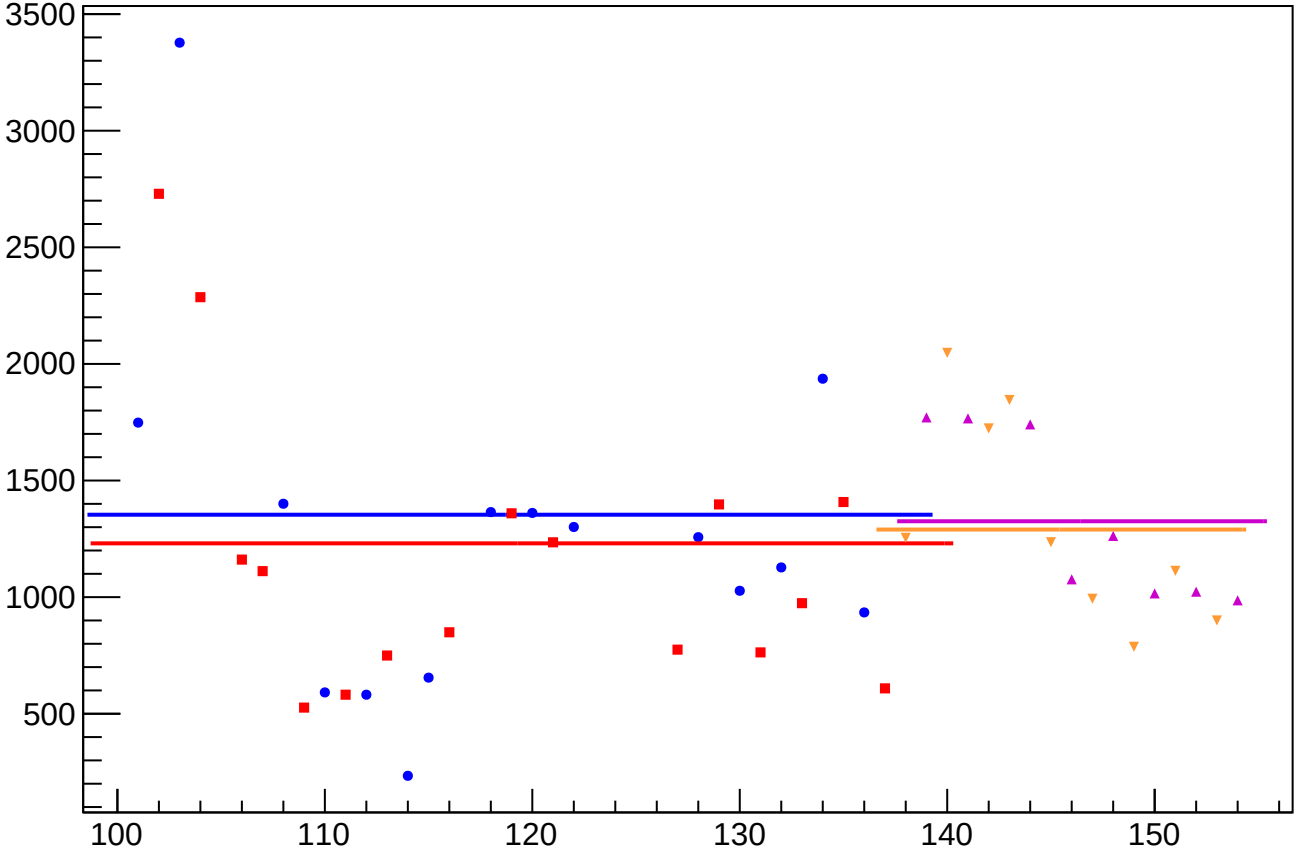
Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

dit_sam4_coil7_mean vs Slug



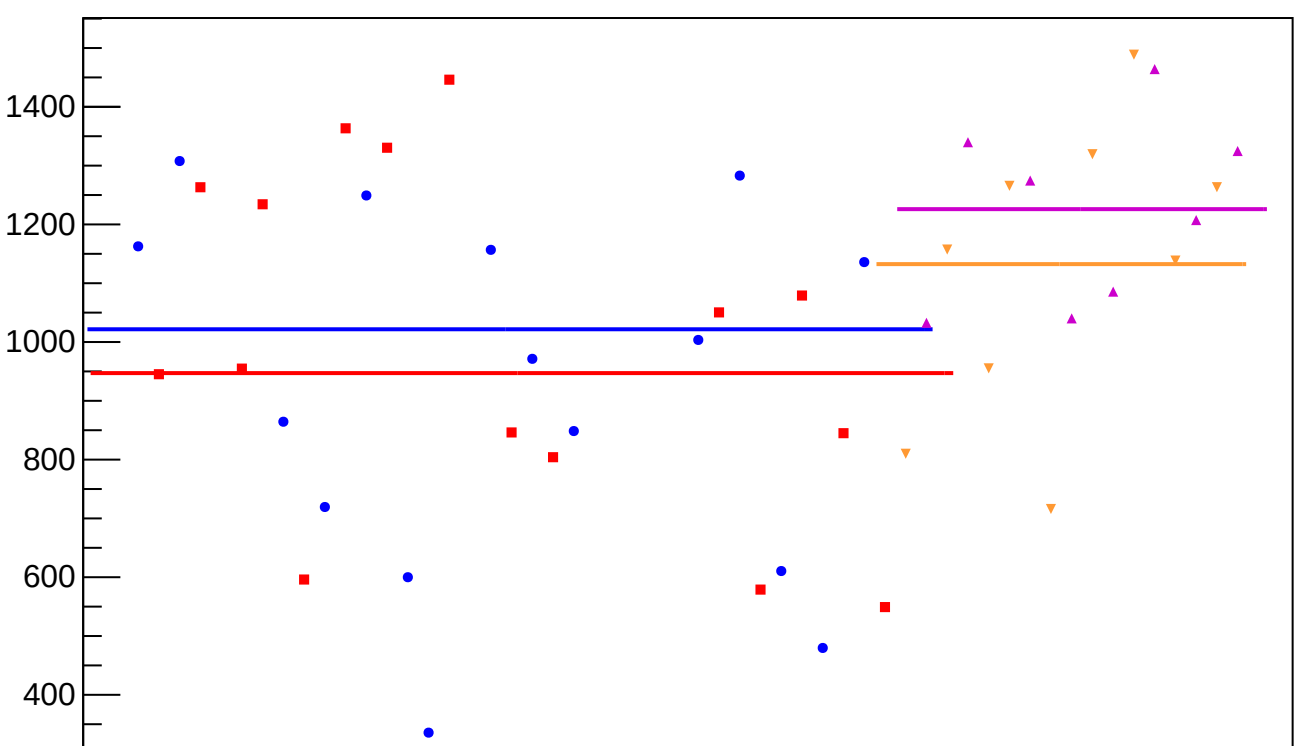
Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
+ sign -17729.610+/-0.000 χ^2/NDF: 421497639885
Left Out: -7067.043+/-0.000 χ^2/NDF:243851059420929815740789466585993157017 6.0/8
All: -17557.825+/-0.000 χ^2/NDF: 809112300
Right Out: -27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
- sign -17389.715+/-0.000 χ^2/NDF: 3875371791554
Left In: -7494.946+/-0.000 χ^2/NDF:229911601480044628521260594699790870118 4.0/7

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14
+ sign 1320.937+/-0.000 χ^2/NDF: 4743638809813 1
Left Out: 1289.851+/-0.000 χ^2/NDF:1201362259931353024400797877518152499 20.0/8
All: 1299.632+/-0.000 χ^2/NDF: 8359004456 8
Right Out: 1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15
- sign 1278.783+/-0.000 χ^2/NDF: 36034478745441
Left Out: 1325.396+/-0.000 χ^2/NDF:8031190993365740479590381733936942 2848.0/7

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

Left Out: 1132.494+/-0.000 χ^2/NDF:396868761924969158580858583948323717 12.0/8

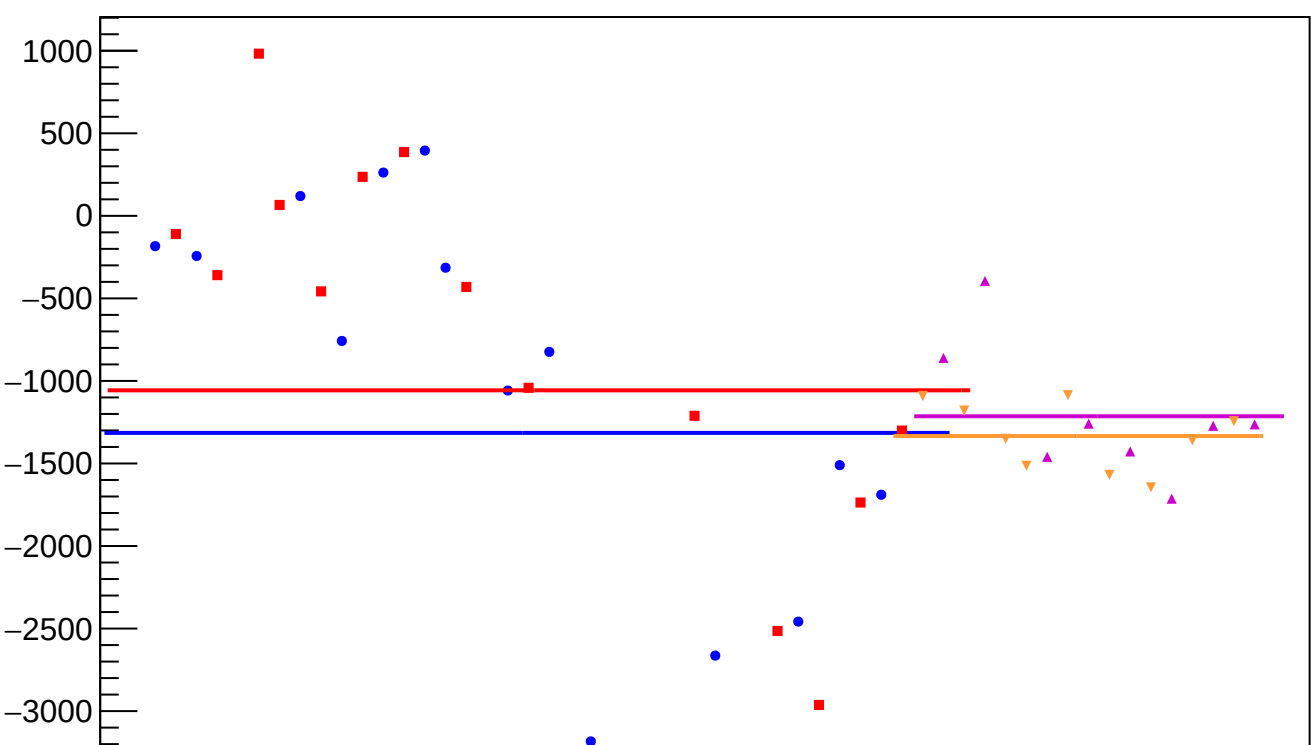
All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

- sign 1088.830+/-0.000 χ^2/NDF: 109053343761 80

Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000 χ^2/NDF: 966082368518203481544021644405645508608.0/14

Left Out: -1333.791+/-0.000 χ^2/NDF:268459864266924962354132780064041861 12.0/8

Right Out: -1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15

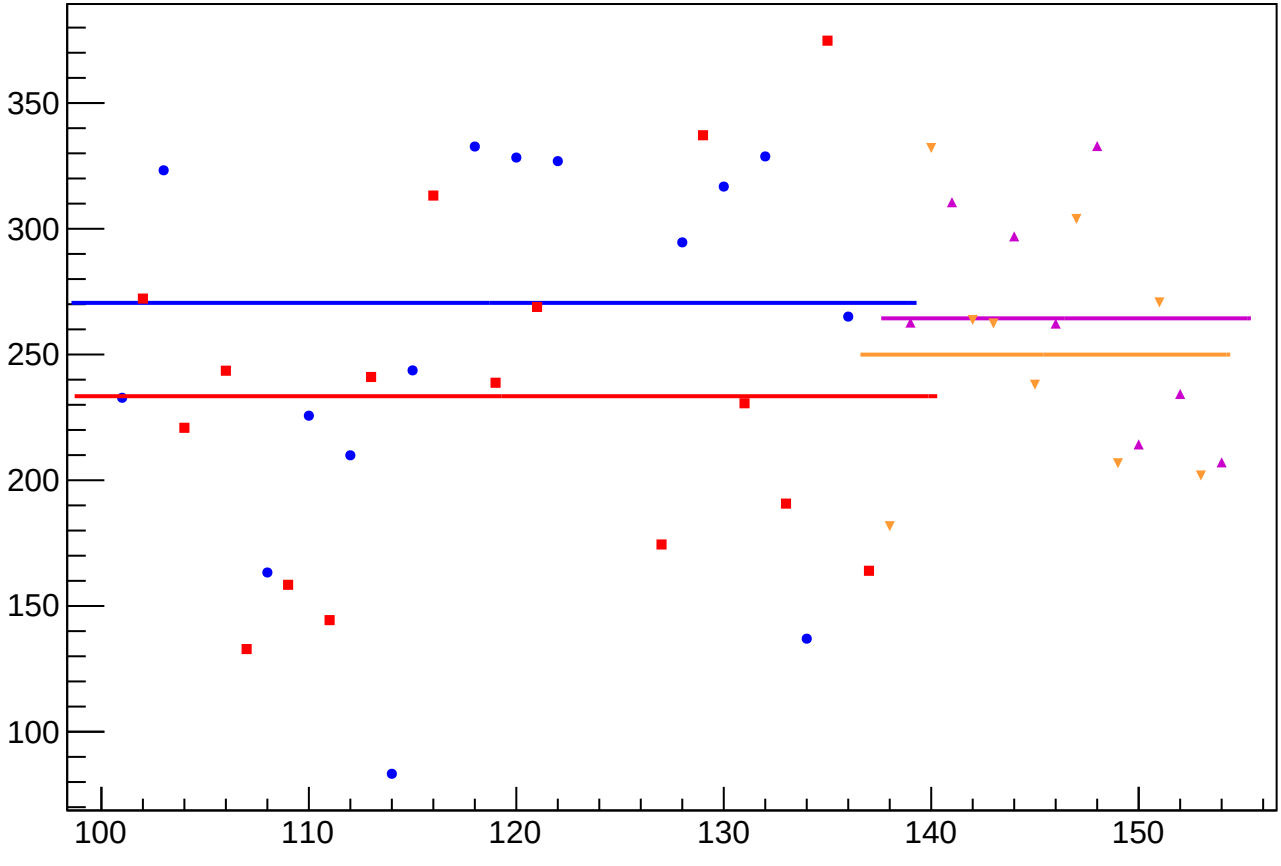
Left In: -1214.115+/-0.000 χ^2/NDF:996957828584207653205038141004620759 04.0/7

+ sign -1324.494+/-0.000 χ^2/NDF: 9930481687597

All: -1229.591+/-0.000 χ^2/NDF: 2251924698

- sign -1136.717+/-0.000 χ^2/NDF: 1235228481356 4

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Left Out: 249.959+/-0.000 χ^2/NDF:1560651354445278539321244262386892800.0/8

Right Out: 233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

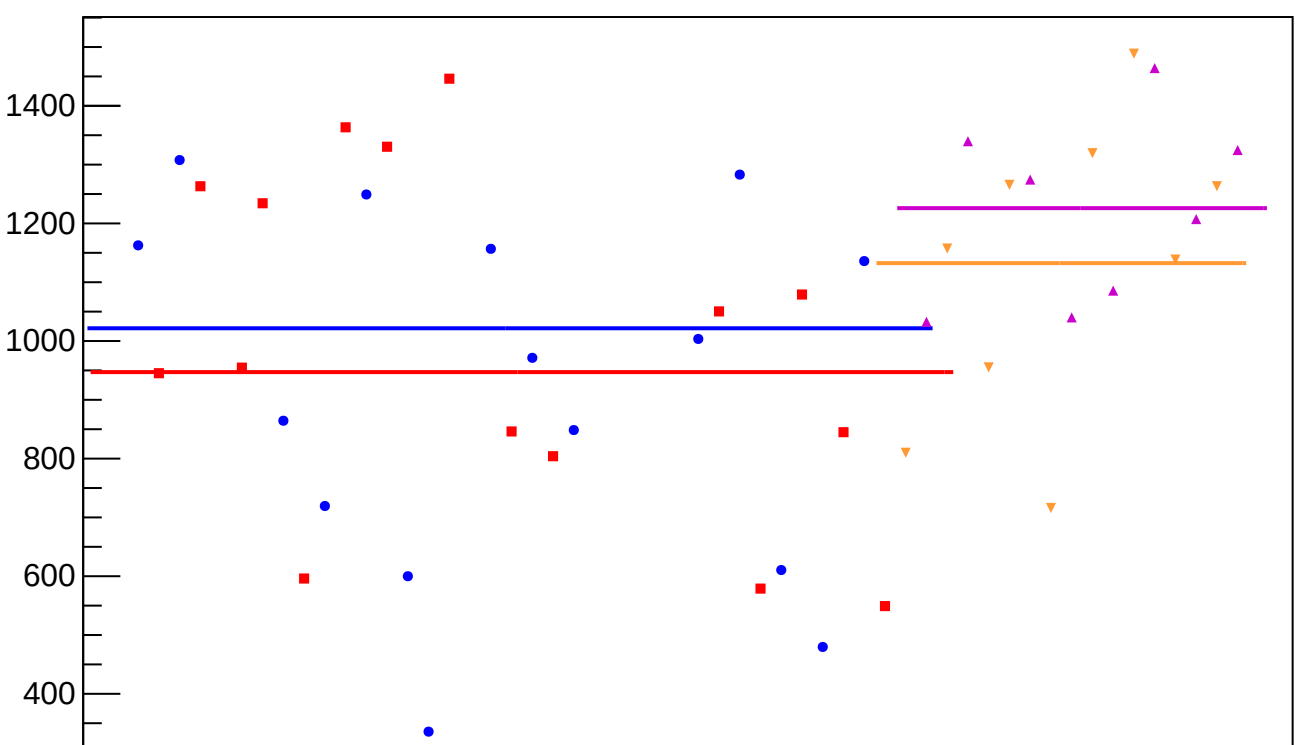
Left In: 264.385+/-0.000 χ^2/NDF:1269907879083861947773136167417937920.0/7

+ sign 260.024+/-0.000 χ^2/NDF: 41749195928036

All: 254.530+/-0.000 χ^2/NDF: 88975356443

- sign 249.154+/-0.000 χ^2/NDF: 464337950694380

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF:3968687619249691585808585839483237171 2.0/8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

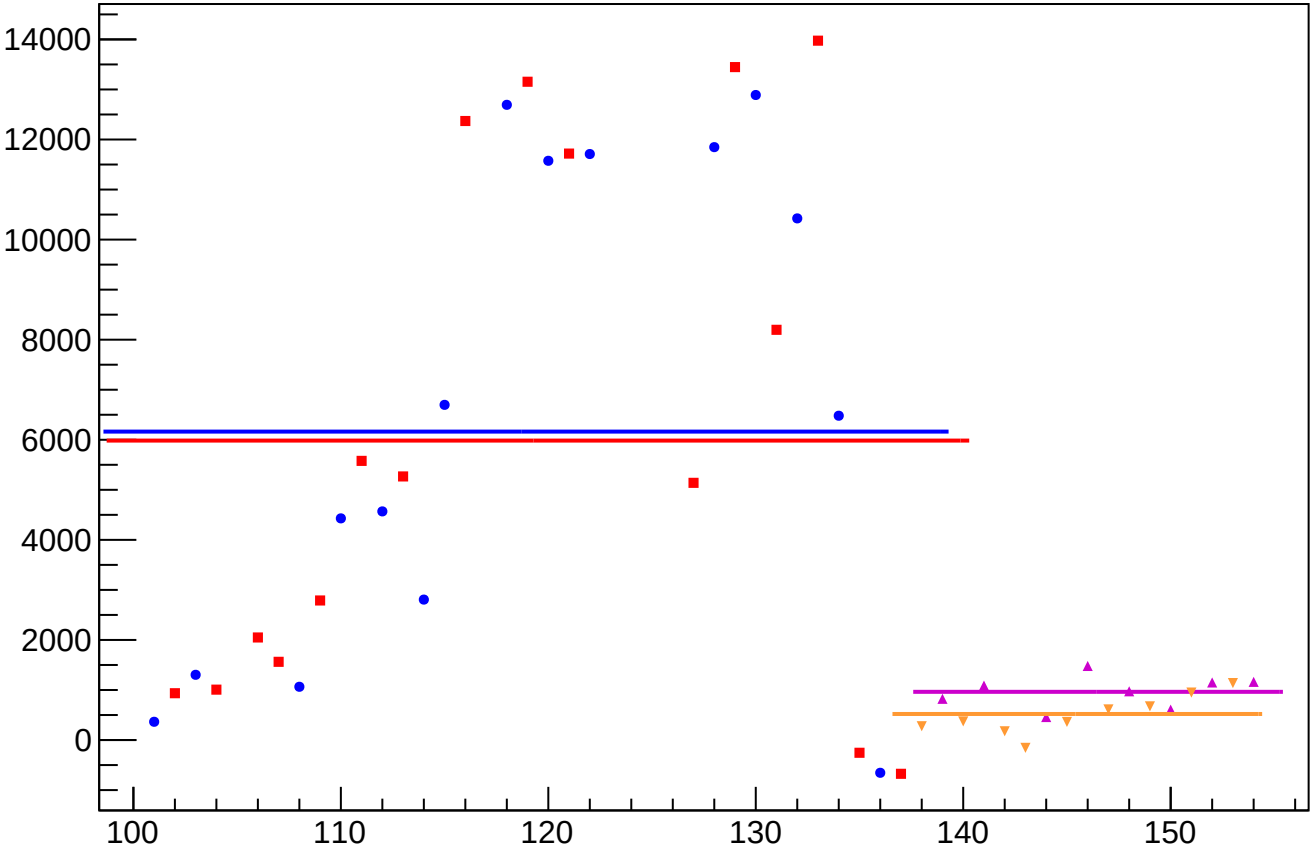
Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF: 1820062254902677050474630013900985414451 2.0/14

+ sign 3280.457+/-0.000 χ^2/NDF: 2885224775075 3

Left Out: 520.783+/-0.000 χ^2/NDF:938698434777446584675993387910614220 80.0/8

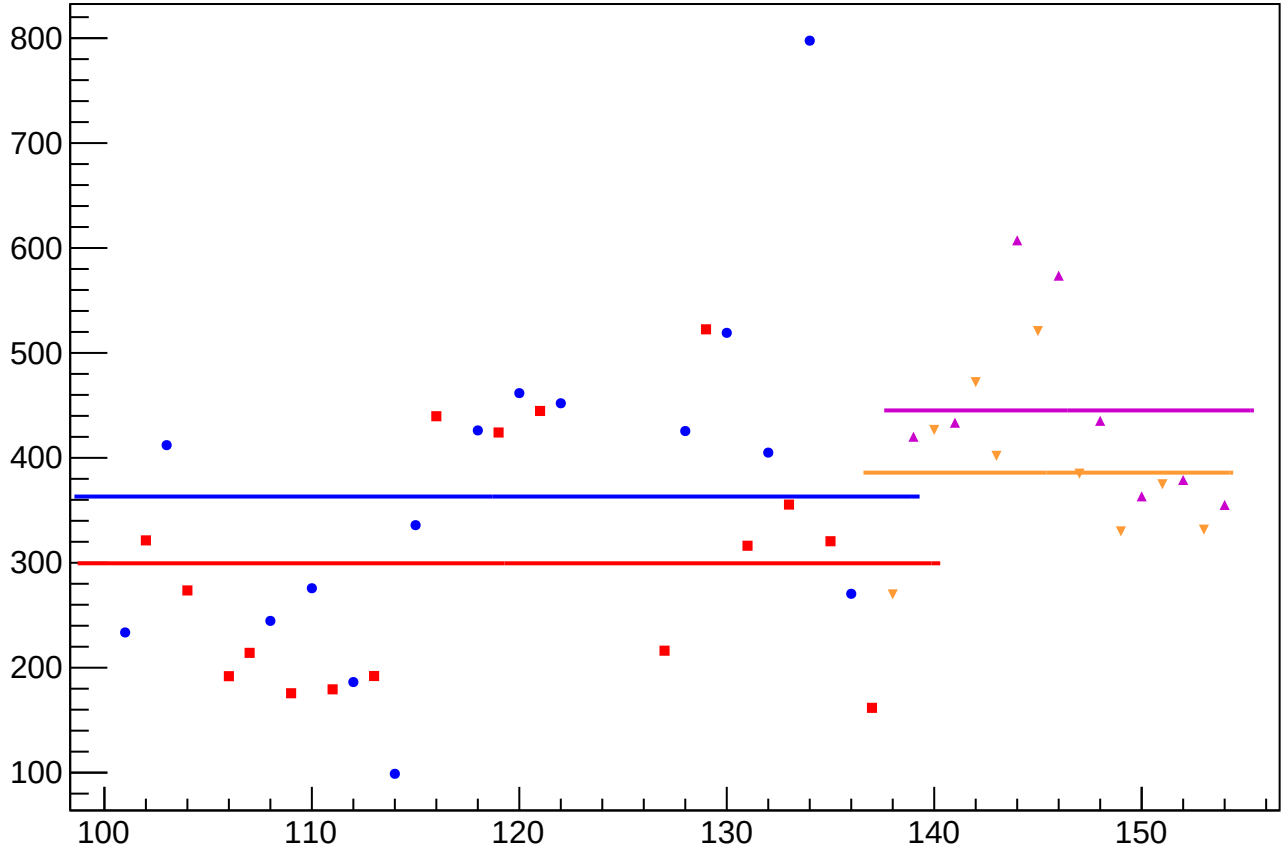
All: 3357.494+/-0.000 χ^2/NDF: 5498126178 0

Right Out: 5983.876+/-0.000 χ^2/NDF: 1750520191327627355916108876415584174 0800.0/15

- sign 3432.884+/-0.000 χ^2/NDF: 2611343161759 6

Left In: 963.346+/-0.000 χ^2/NDF:6573872599683769761211499417349337 9072.0/7

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF: 115027916970764564264359982779953315 84.0/14

Left Out: 385.911+/-0.000 χ^2/NDF:3543873304666220754466359021125238784.0/8

Right Out: 299.514+/-0.000 χ^2/NDF: 76854973187442252183546528289846722 56.0/15

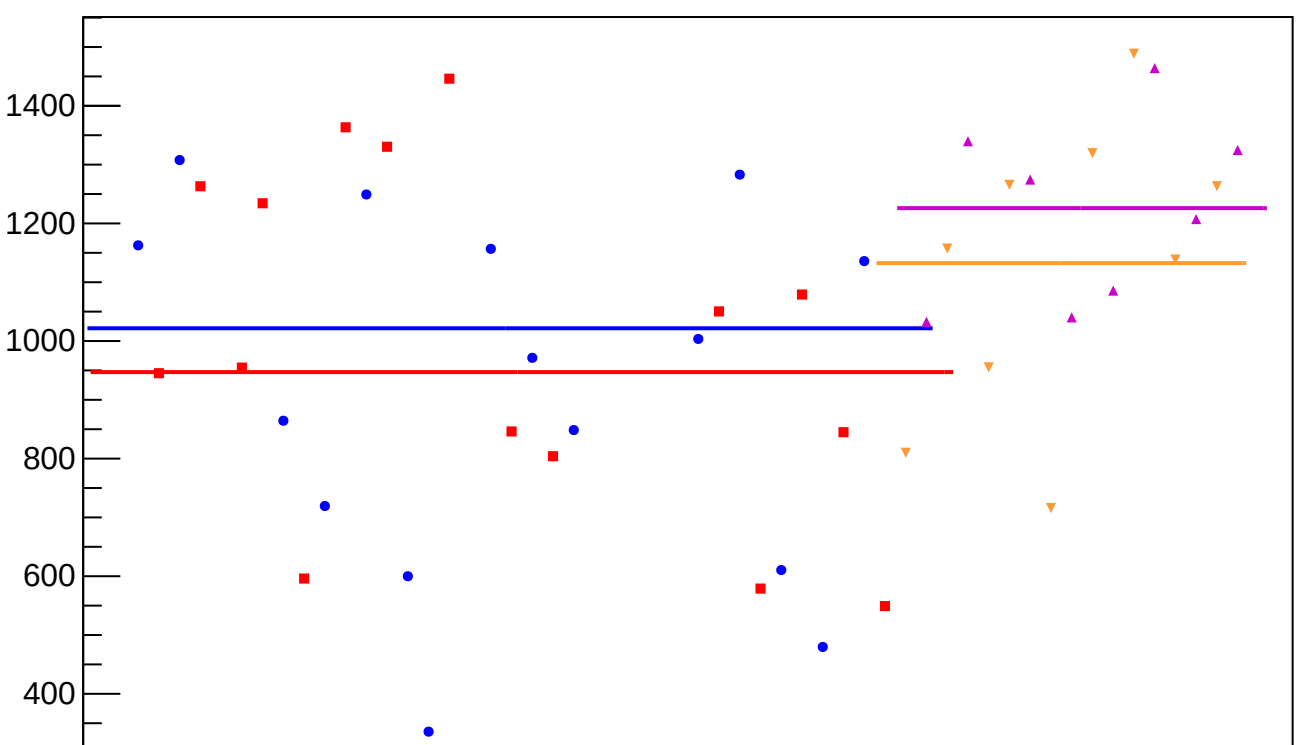
Left In: 445.204+/-0.000 χ^2/NDF:5494328242983171072395981994640539648.0/7

+ sign 374.771+/-0.000 χ^2/NDF: 15218696985424 8

All: 374.149+/-0.000 χ^2/NDF: 35593093373 6

- sign 373.541+/-0.000 χ^2/NDF: 20373382289840 5

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF:3968687619249691585808585839483237171 2.0/8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

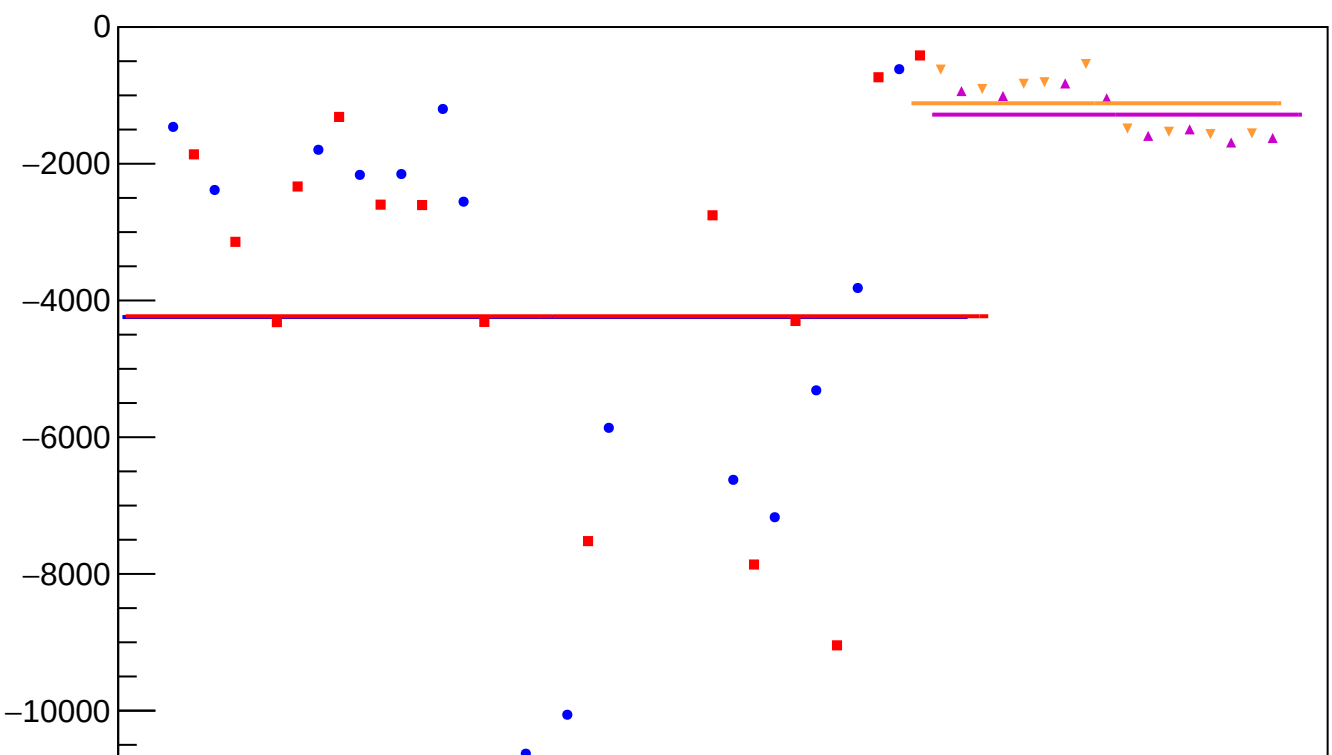
Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

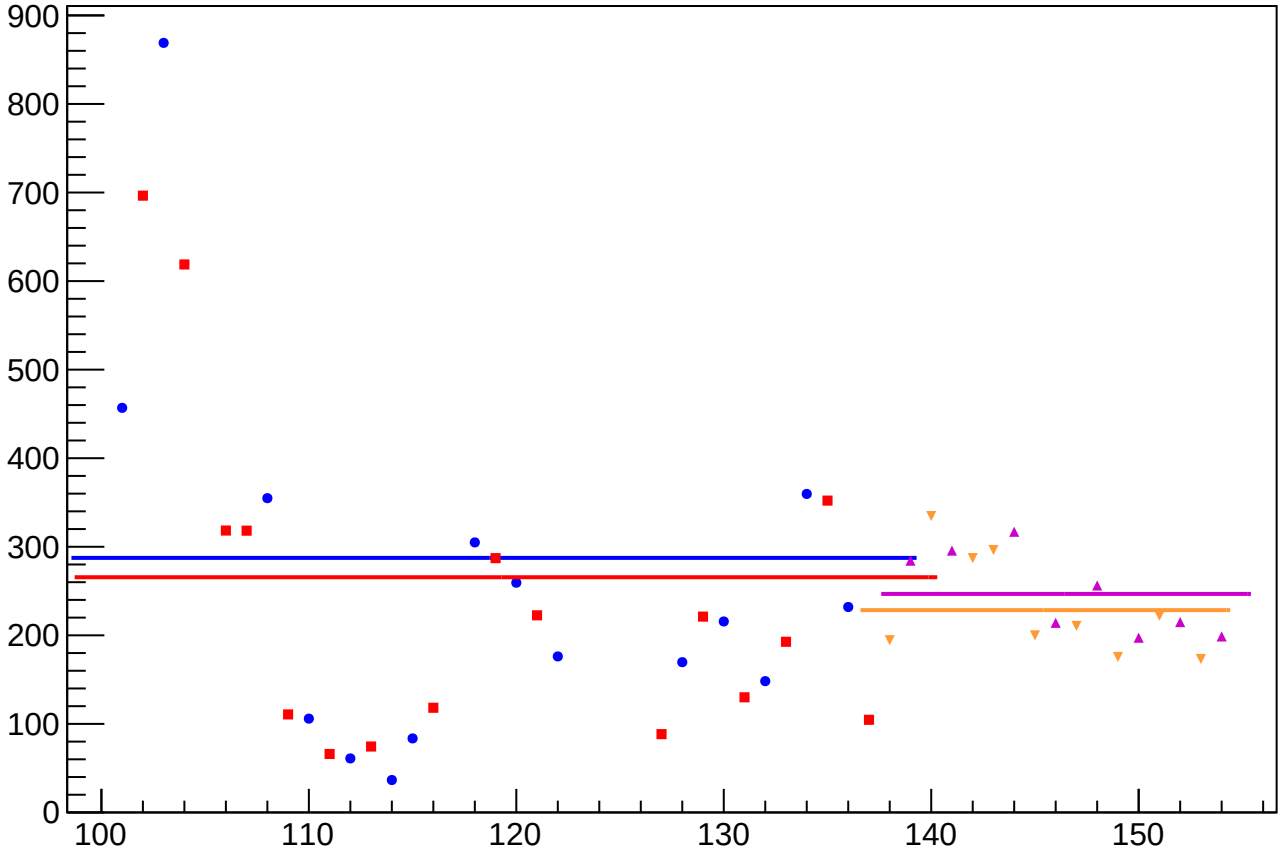
- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14
+ sign -2644.839+/-0.000 χ^2/NDF: 1014112904232
Left Out: -1115.827+/-0.000 χ^2/NDF:116664248313551583840236217813553905664.0/8
All: -2689.060+/-0.000 χ^2/NDF: 1985328283
Right Out: -4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15
- sign -2732.335+/-0.000 χ^2/NDF: 9707019469932 9
Left In: -1281.544+/-0.000 χ^2/NDF:763703041783207586997228154488723865 60.0/7

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14

Left Out: 228.444+/-0.000 χ^2/NDF:2070303267029273747034304991251660800.0/8

Right Out: 265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

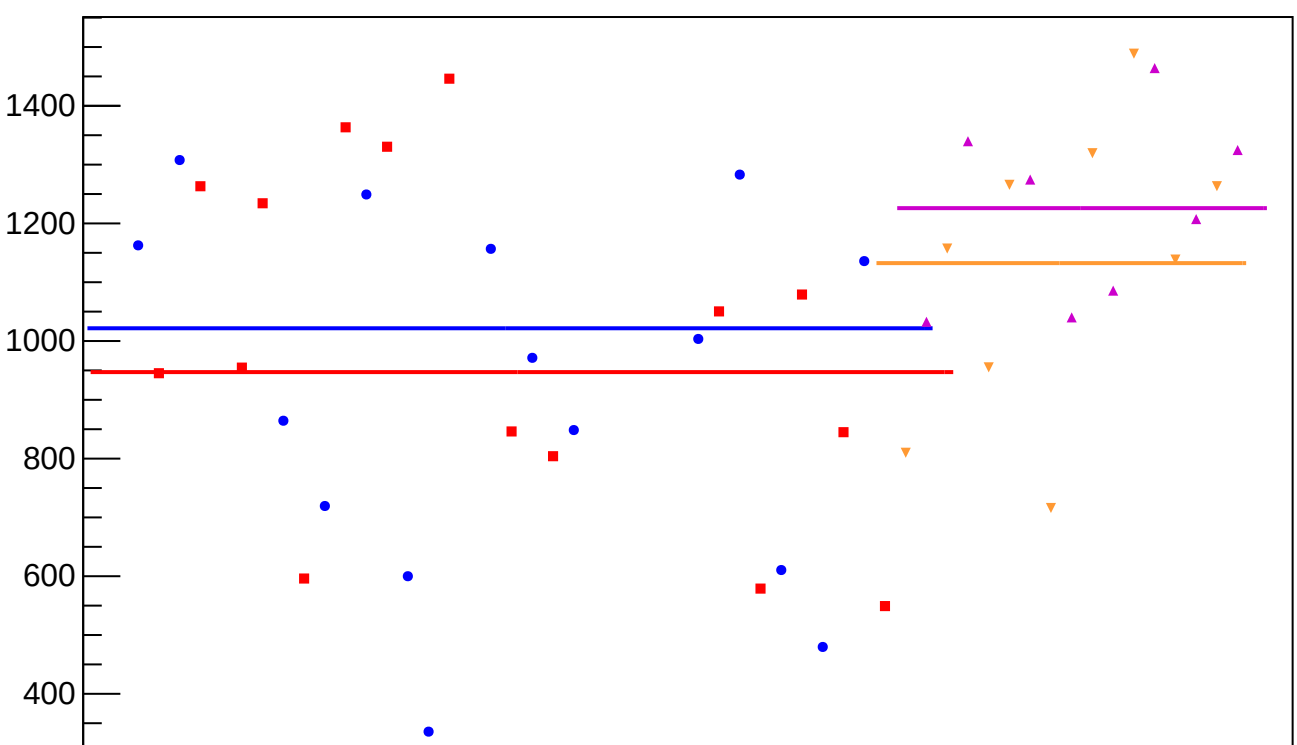
Left In: 246.754+/-0.000 χ^2/NDF:13675297398339367352545438034076631 04.0/7

+ sign 257.307+/-0.000 χ^2/NDF: 32742247736288 6

All: 256.657+/-0.000 χ^2/NDF: 60074432090 7

- sign 256.020+/-0.000 χ^2/NDF: 273310747355952

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF:3968687619249691585808585839483237171 2.0/8

Right Out: 947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

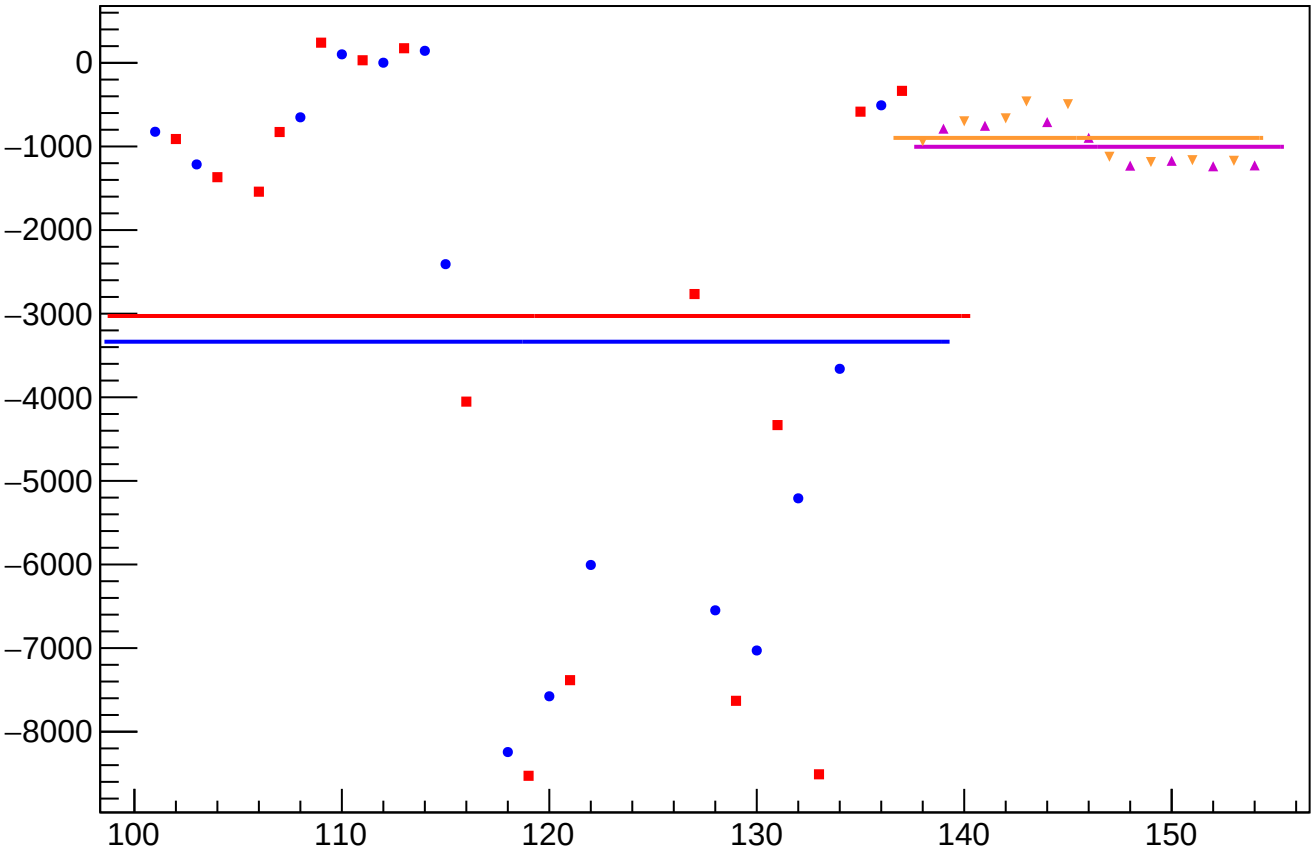
Left In: 1225.991+/-0.000 χ^2/NDF:149166756029687217543296814314537615 36.0/7

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

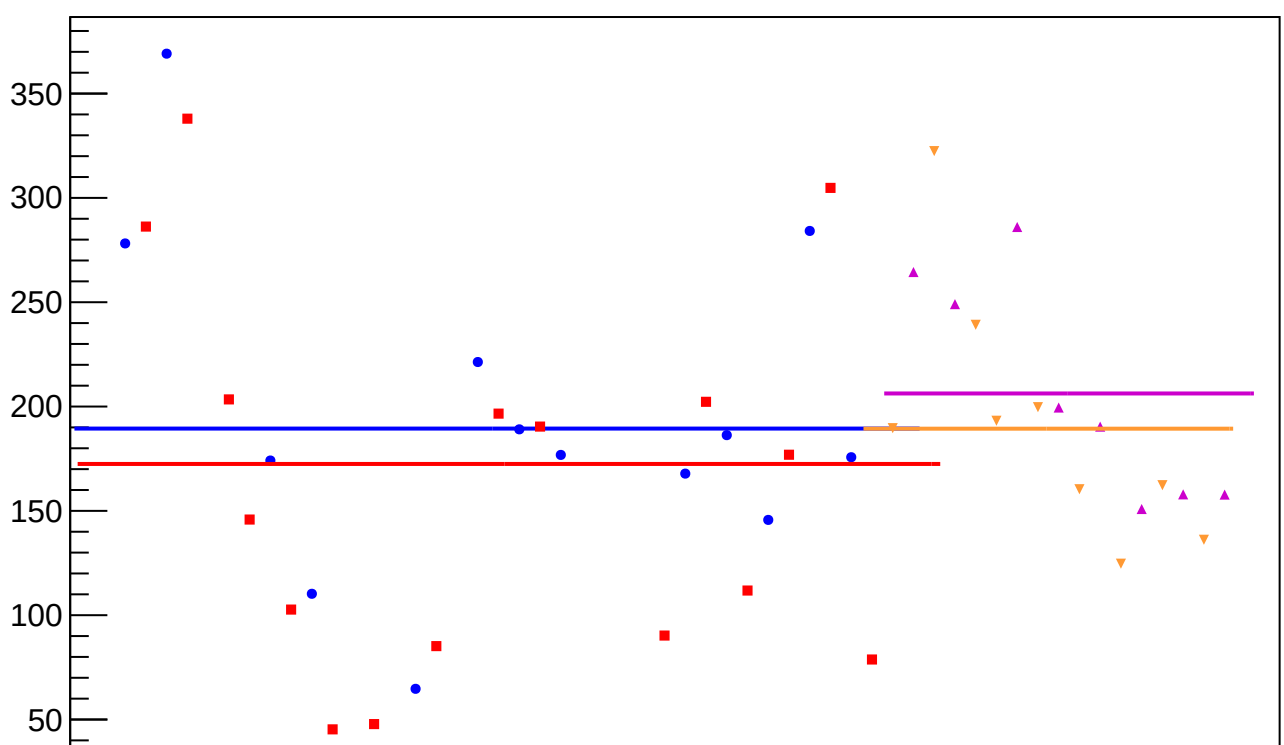
- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

dit_sam8_coil7_mean vs Slug



Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
+ sign -2089.761+/-0.000 χ^2/NDF: 8363165745274
Left Out: -897.523+/-0.000 χ^2/NDF:5455442362606613408889569229413338316 8.0/8
All: -2044.033+/-0.000 χ^2/NDF: 1687680927
Right Out: -3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
- sign -1999.284+/-0.000 χ^2/NDF: 8508153399611 6
Left In: -1003.799+/-0.000 χ^2/NDF:3389209932350441576187657246429780377 6.0/7

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Left Out: 189.390+/-0.000 χ^2/NDF:2289564962595753201195075635307872256.0/8

Right Out: 172.485+/-0.000 χ^2/NDF: 5594813408996728261938711470404534272.0/15

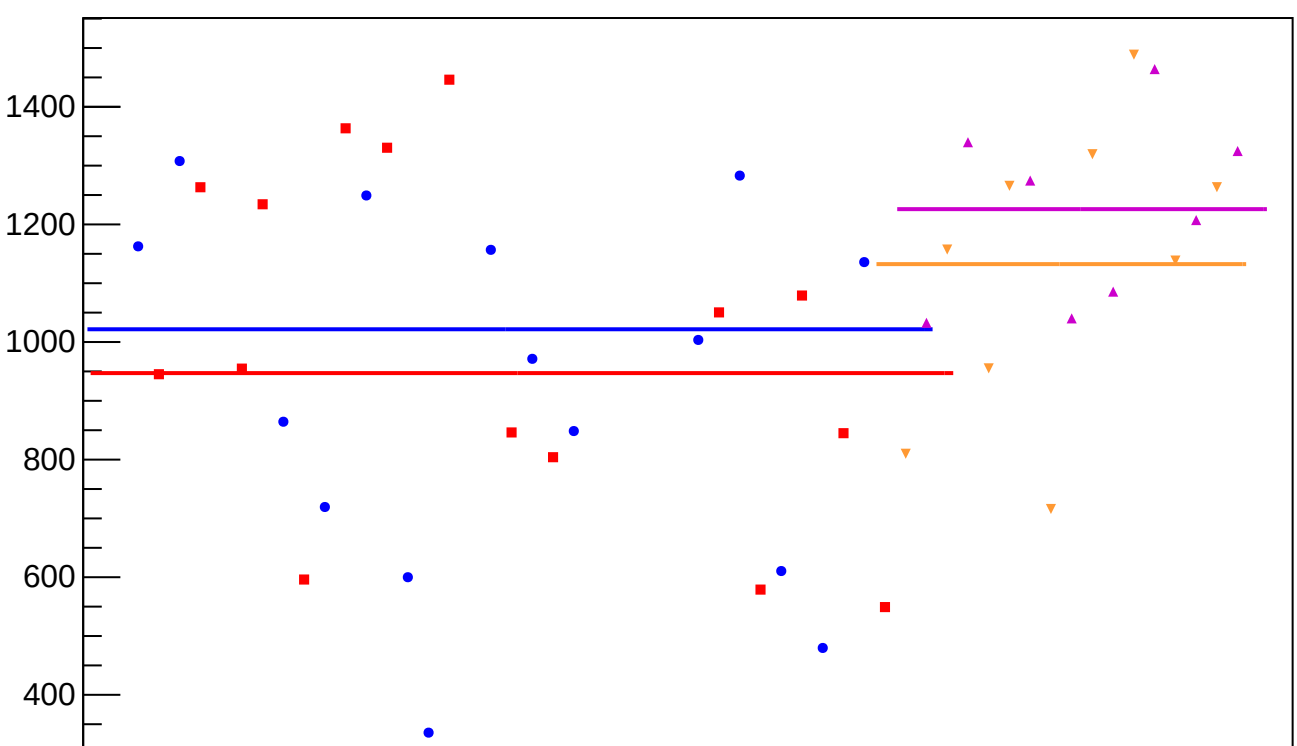
Left In: 206.269+/-0.000 χ^2/NDF:1713244451129827013884458631549681664.0/7

+ sign 189.415+/-0.000 χ^2/NDF: 699680008561890

All: 189.534+/-0.000 χ^2/NDF: 146917181143

- sign 189.651+/-0.000 χ^2/NDF: 769488084000800

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1132.494+/-0.000 χ^2/NDF:3968687619249691585808585839483237171 2.0/8

Right Out: 947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

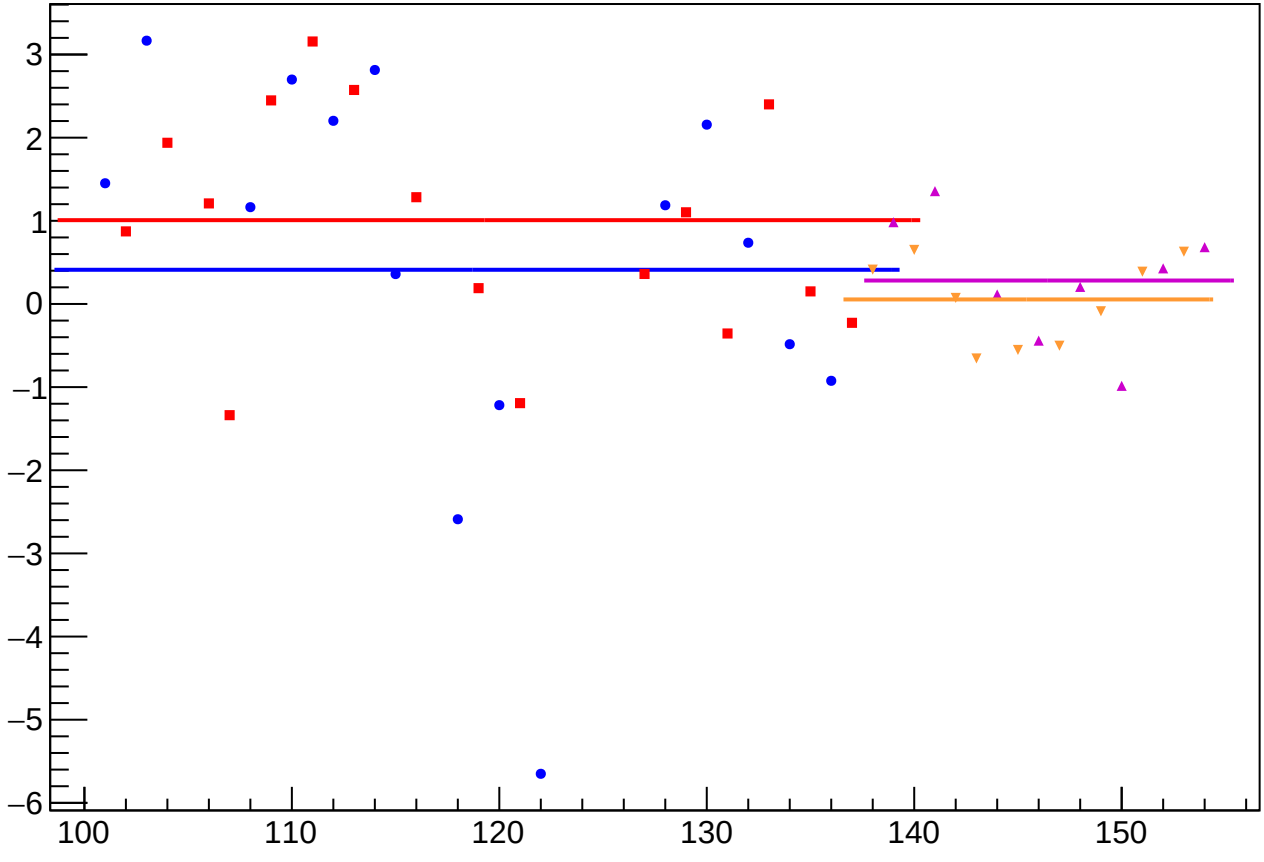
Left In: 1225.991+/-0.000 χ^2/NDF:1491667560296872175432968143145376153 6.0/7

+ sign 1078.300+/-0.000 χ^2/NDF: 8425154057042 5

All: 1083.622+/-0.000 χ^2/NDF: 1933792554 8

- sign 1088.830+/-0.000 χ^2/NDF: 10905334376180

dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Left Out: 0.054+/-0.000 χ^2/NDF:1652301700657228294952964430233 60.0/8

Right Out: 1.008+/-0.000 χ^2/NDF: 1128402228144096394498047410700288.0/15

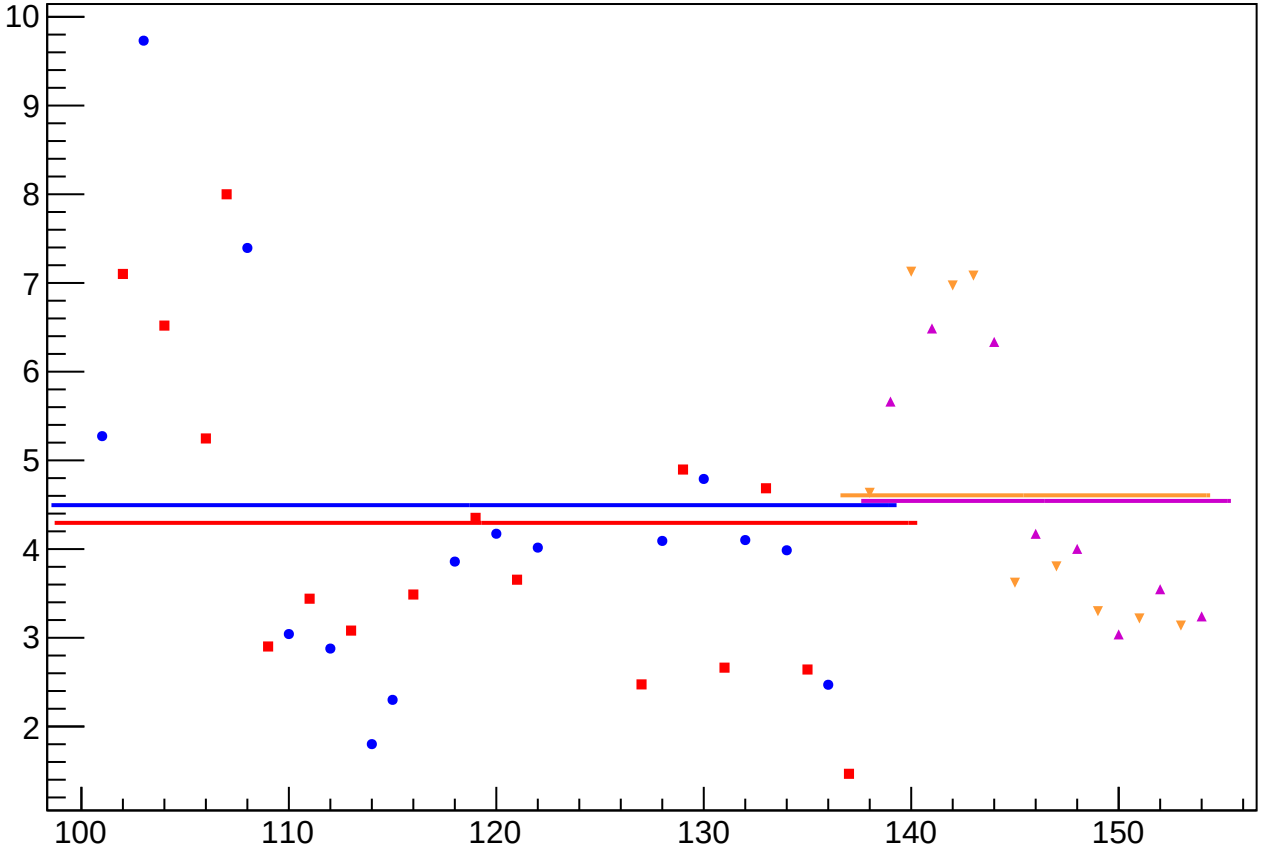
Left In: 0.282+/-0.000 χ^2/NDF:3466182573835643759504873781985 28.0/7

+ sign 0.229+/-0.000 χ^2/NDF: 3593006066355781 6

All: 0.436+/-0.000 χ^2/NDF: 5359380085556 3

- sign 0.639+/-0.000 χ^2/NDF: 1653584224072567 3

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

+ sign 4.552+/-0.000 χ^2/NDF: 4539590447332265 3

Left Out: 4.606+/-0.000 χ^2/NDF:1793274864568106965900885183430656.0/8

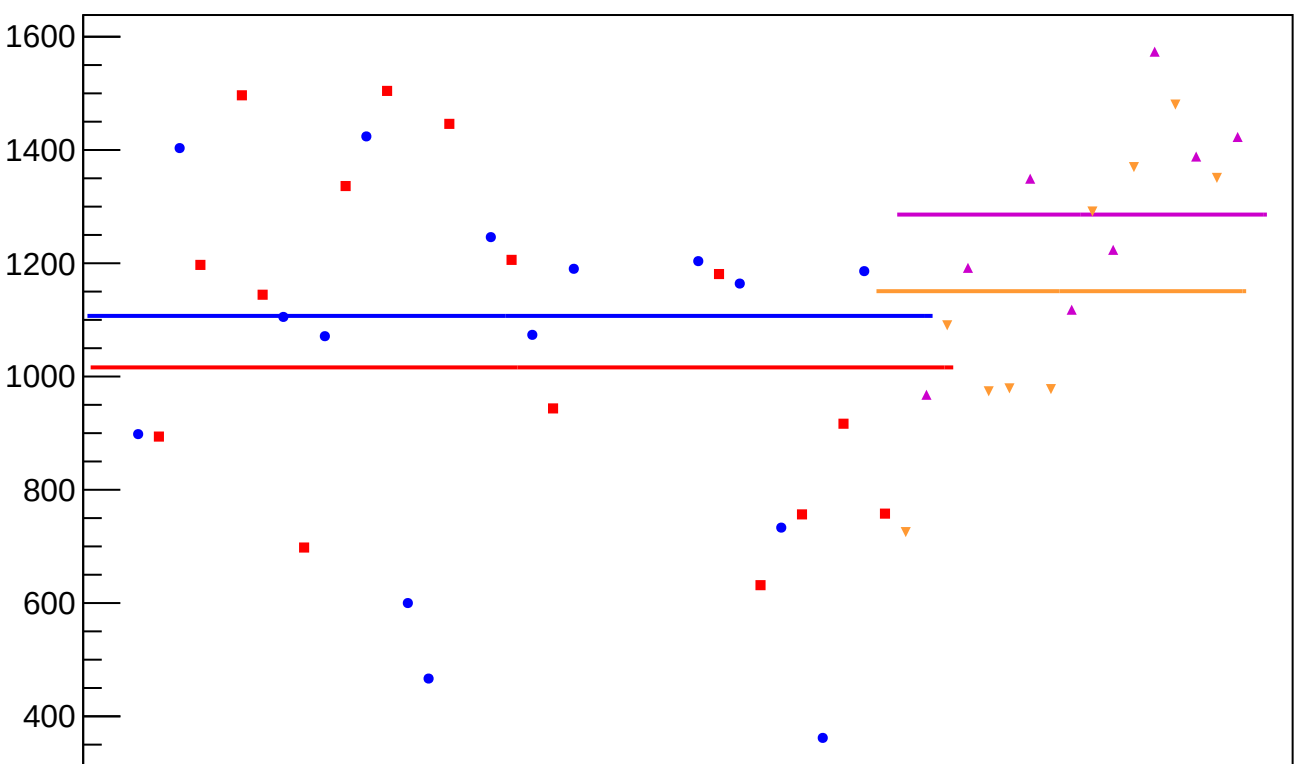
All: 4.486+/-0.000 χ^2/NDF: 7771548736886 8

Right Out: 4.296+/-0.000 χ^2/NDF: 2011925707062051890381007475441664.0/15

- sign 4.421+/-0.000 χ^2/NDF: 3220524894467949 3

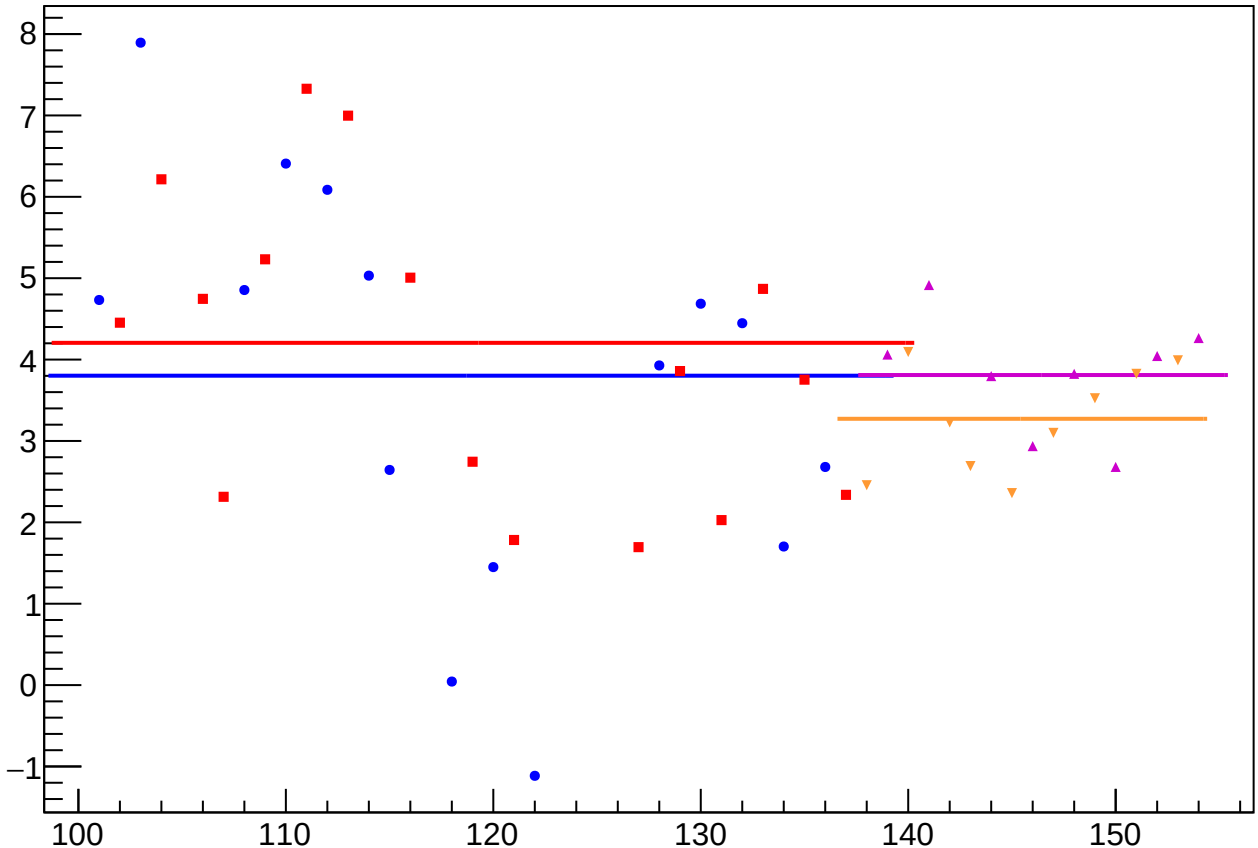
Left In: 4.543+/-0.000 χ^2/NDF:1187866189433418561969582929608704.0/7

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1
Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8
All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1153.224+/-0.000 χ^2/NDF: 11933880926309
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

+ sign 3.531+/-0.000 χ^2/NDF: 41610690666075947

Left Out: 3.272+/-0.000 χ^2/NDF:272592887105546582281117333716992.0/8

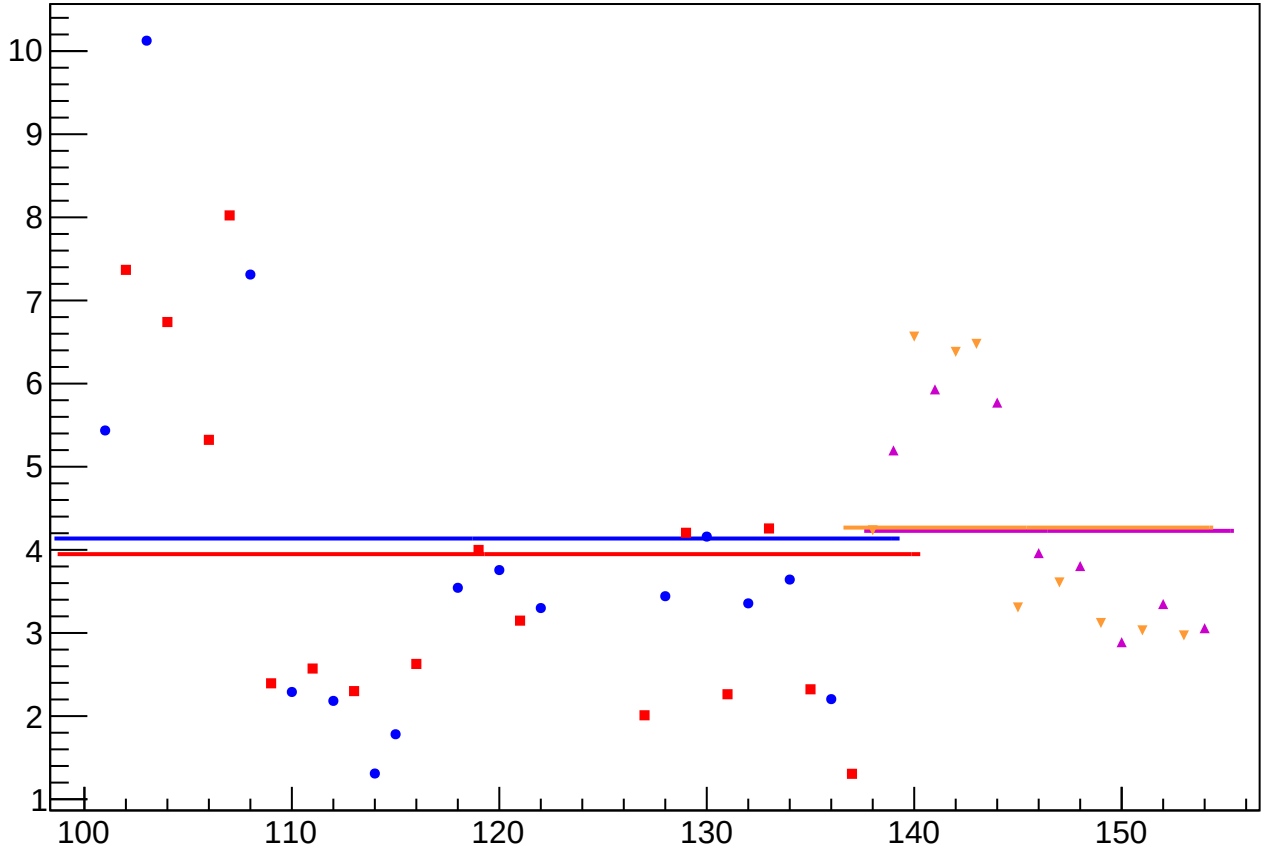
All: 3.771+/-0.000 χ^2/NDF: 6772374844151 4

Right Out: 4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834 77760.0/15

- sign 4.005+/-0.000 χ^2/NDF: 2461047743209544 4

Left In: 3.810+/-0.000 χ^2/NDF:31159389051623566526551358753 9968.0/7

dit_4eX_coil4_err_mean vs Slug



Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Left Out: 4.268+/-0.000 χ^2/NDF:1445912316048436245313571229007872.0/8

Right Out: 3.948+/-0.000 χ^2/NDF: 2670176783942302028345551100051456.0/15

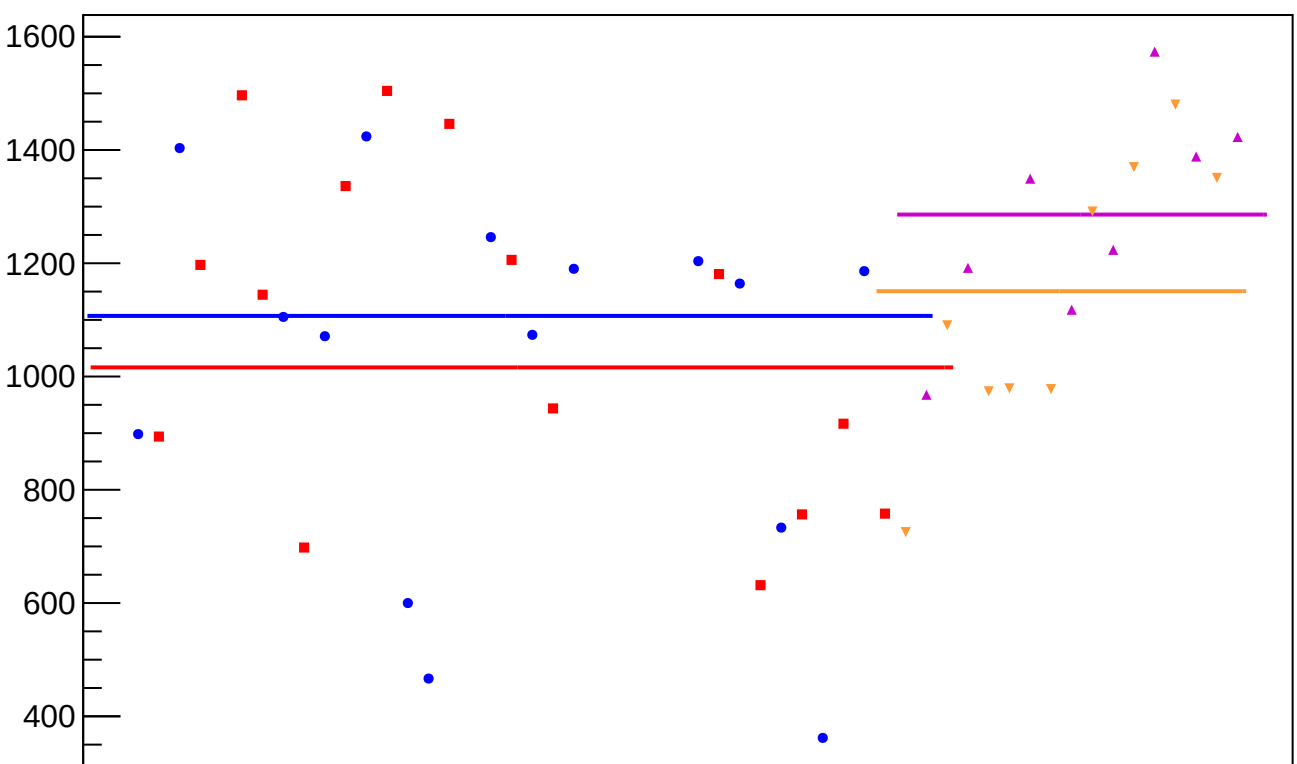
Left In: 4.228+/-0.000 χ^2/NDF:9077227955336997924486248650506 24.0/7

+ sign 4.203+/-0.000 χ^2/NDF: 4959231707277038 6

All: 4.146+/-0.000 χ^2/NDF: 8572249530418 4

- sign 4.091+/-0.000 χ^2/NDF: 3604488576165954 0

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

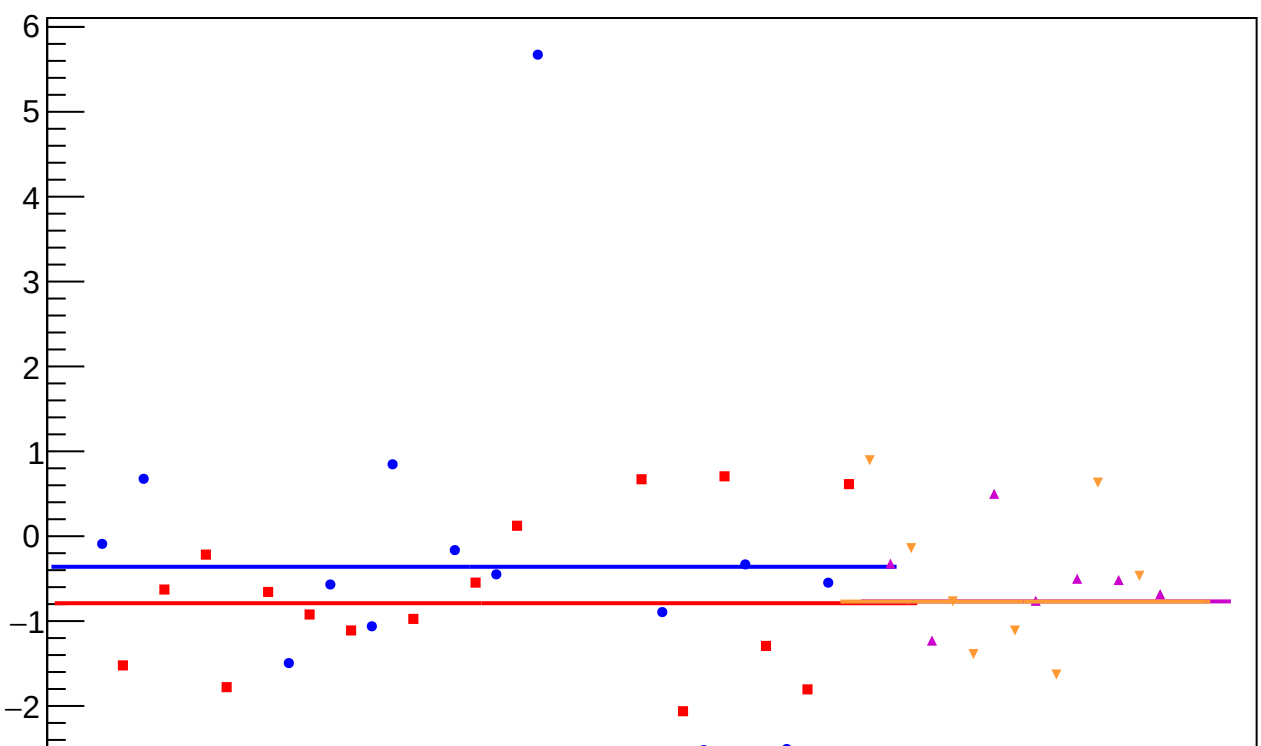
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1

All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5

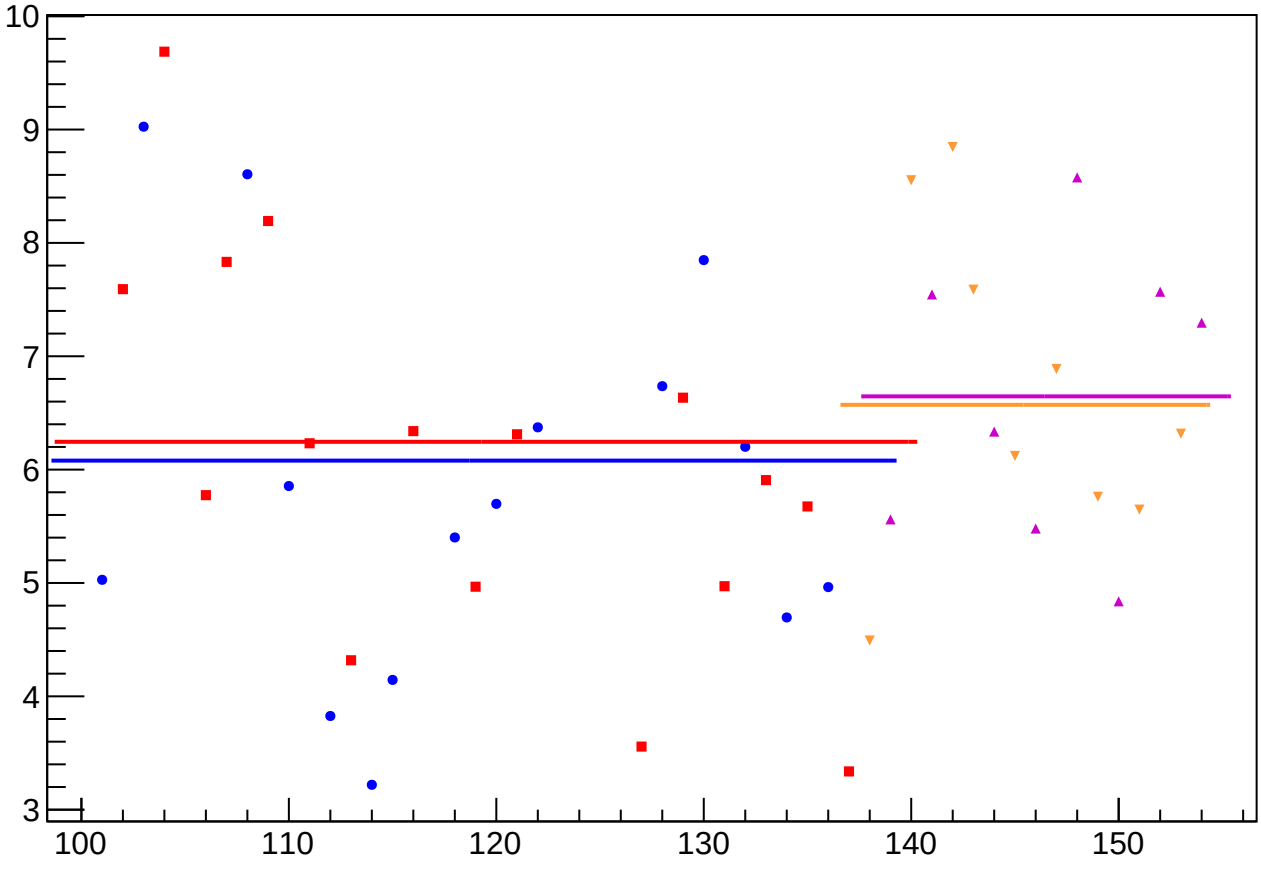
- sign 1153.224+/-0.000 χ^2/NDF: 1193388092630 9

dit_11X12X_coil4_mean vs Slug



Right In: -0.360+/-0.000 χ^2/NDF: 2180256348790896849346212178952192.0/14
+ sign -0.570+/-0.000 χ^2/NDF: 3158416876636201
Left Out: -0.770+/-0.000 χ^2/NDF:9224909629455900934665450637230 08.0/8
All: -0.675+/-0.000 χ^2/NDF: 4138824697128
Right Out: -0.790+/-0.000 χ^2/NDF: 4630783690733439598034229038940 16.0/15
- sign -0.779+/-0.000 χ^2/NDF: 9511028604229081 6
Left In: -0.768+/-0.000 χ^2/NDF:4878663712161690741350257792122 88.0/7

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14

+ sign 6.331+/-0.000 χ^2/NDF: 2787559138680332 5

Left Out: 6.572+/-0.000 χ^2/NDF:1116911232073825158030979072262144.0/8

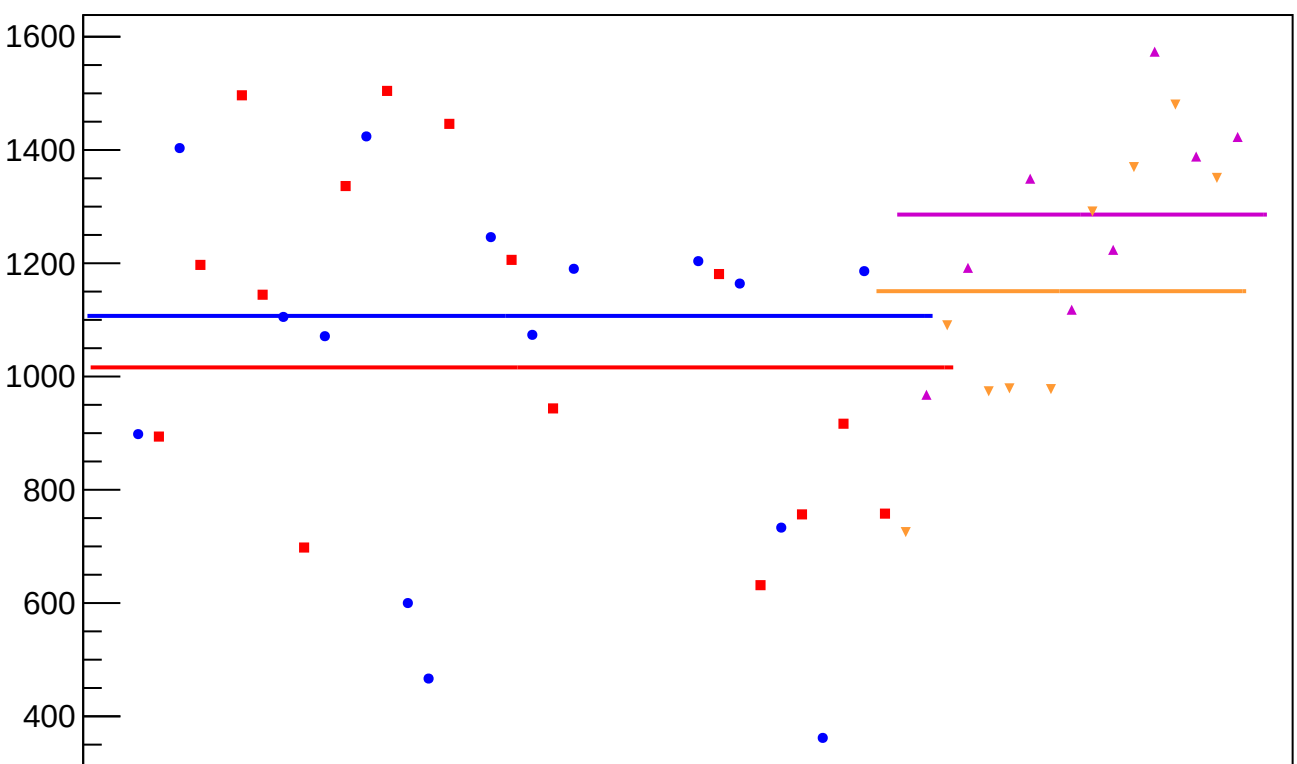
All: 6.391+/-0.000 χ^2/NDF: 5676068323971 3

Right Out: 6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

- sign 6.449+/-0.000 χ^2/NDF: 2879156619201976 4

Left In: 6.646+/-0.000 χ^2/NDF:1008184677736321233740012428722176.0/7

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

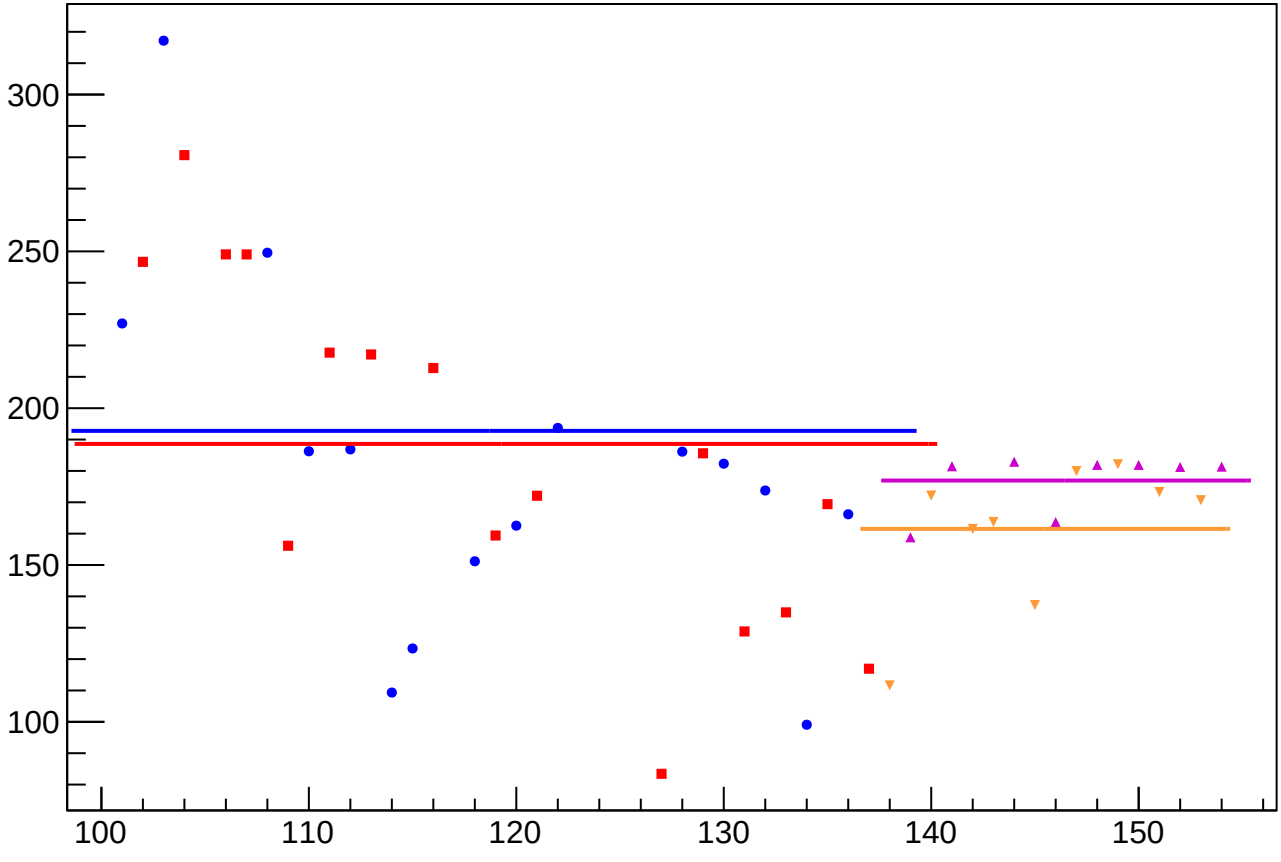
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1

All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5

- sign 1153.224+/-0.000 χ^2/NDF: 1193388092630 9

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

+ sign 176.810+/-0.000 χ^2/NDF: 229580020297365

Left Out: 161.532+/-0.000 χ^2/NDF:331635813927622035664459940711366656.0/8

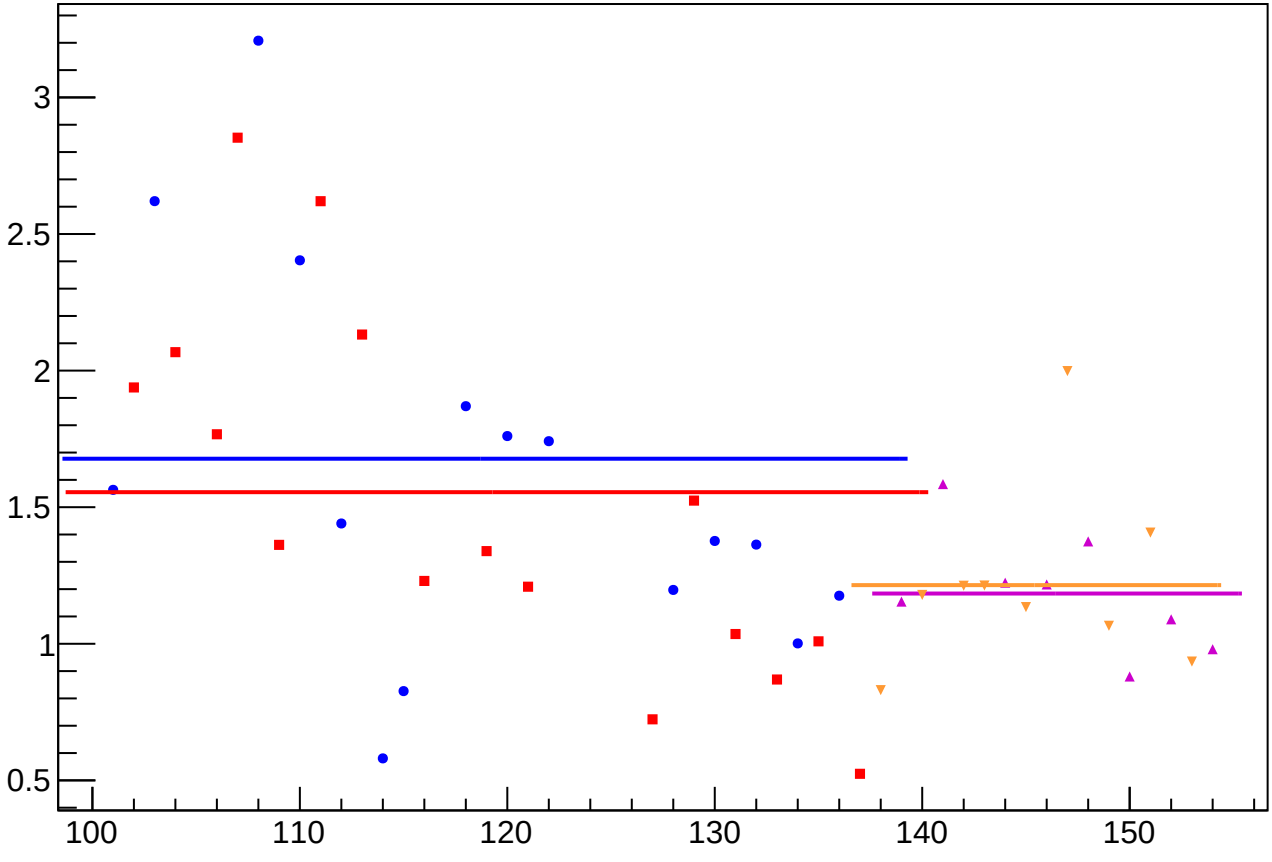
All: 179.777+/-0.000 χ^2/NDF: 434121289758

Right Out: 188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15

- sign 182.680+/-0.000 χ^2/NDF: 202230700270167

Left In: 176.937+/-0.000 χ^2/NDF:537723568895579857804309904438067 20.0/7

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Left Out: 1.215+/-0.000 χ^2/NDF:713999369405994434103443634257 92.0/8

Right Out: 1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

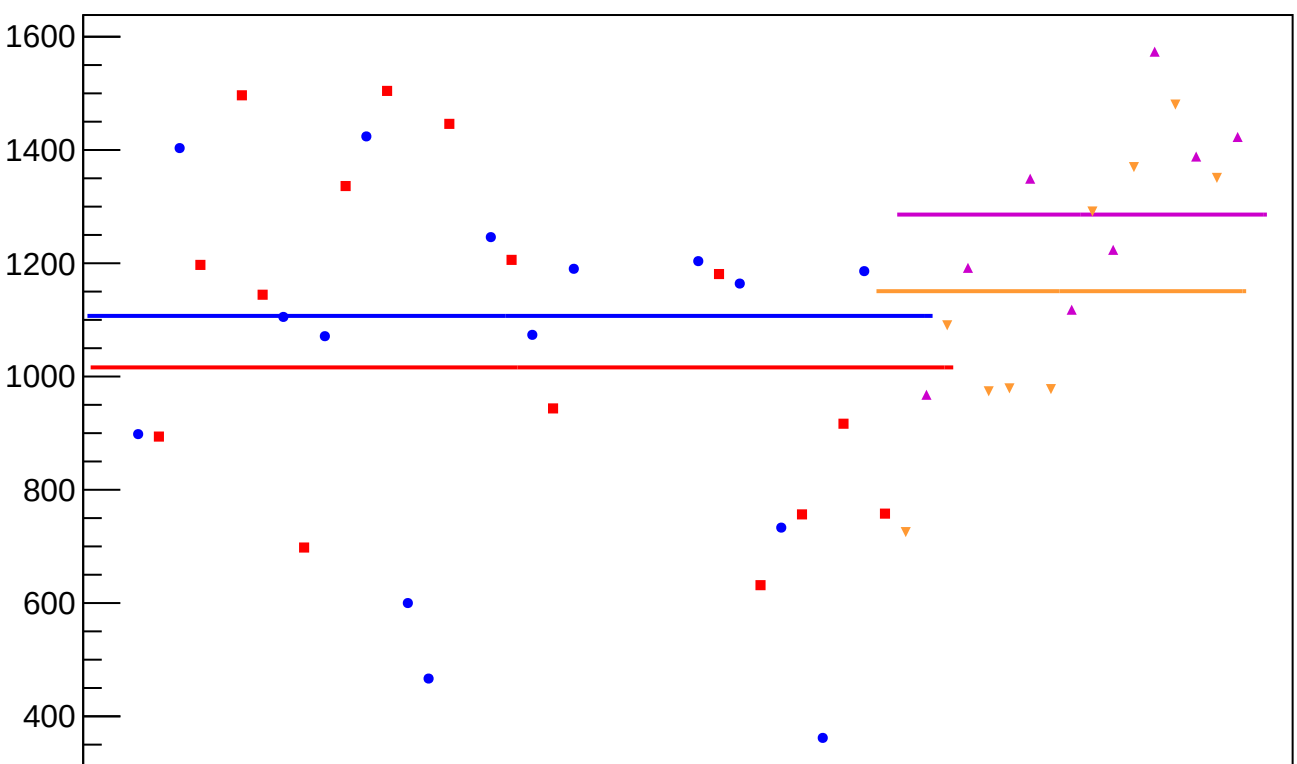
Left In: 1.184+/-0.000 χ^2/NDF:2987135157264357831680865180057 6.0/7

+ sign 1.441+/-0.000 χ^2/NDF: 3842777062896800

All: 1.403+/-0.000 χ^2/NDF: 7201808868637

- sign 1.366+/-0.000 χ^2/NDF: 3321732319968210 3

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

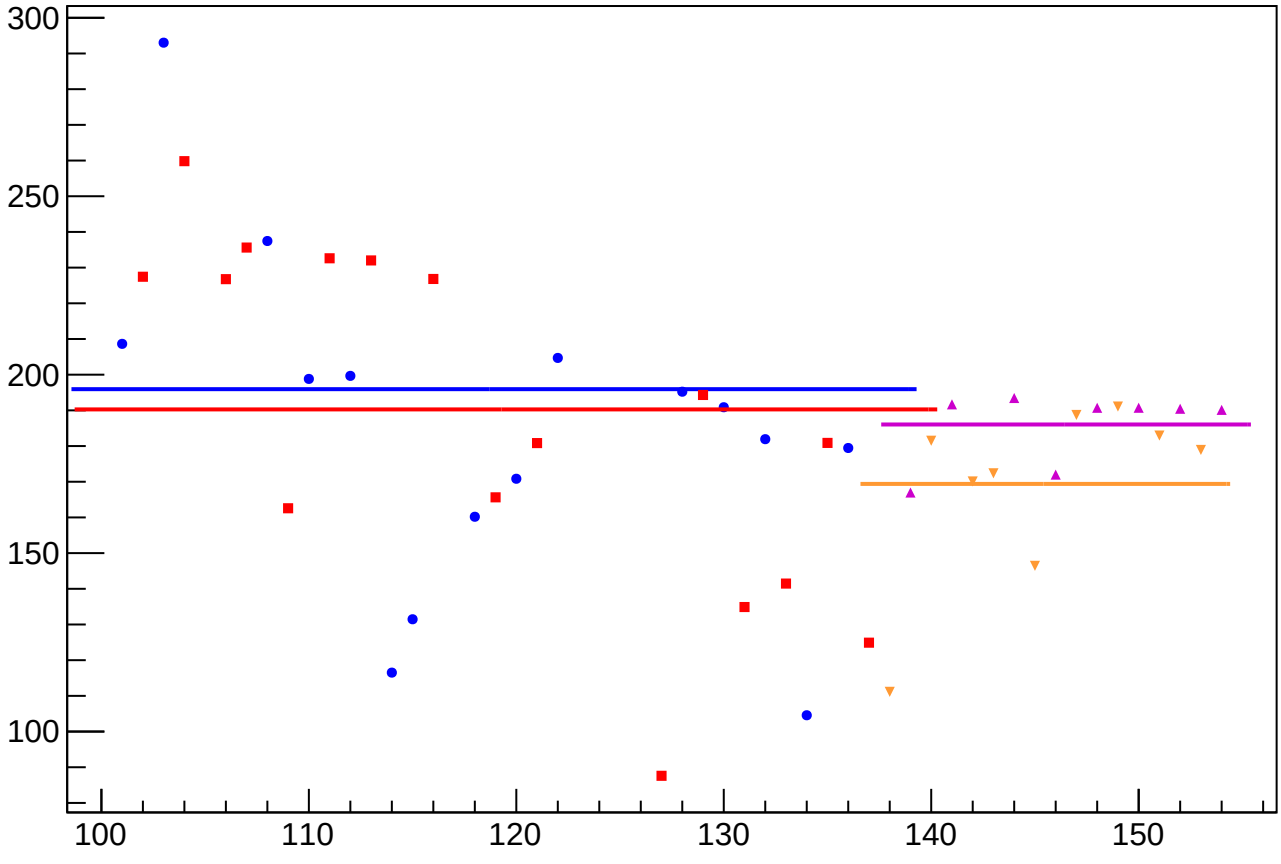
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1

All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5

- sign 1153.224+/-0.000 χ^2/NDF: 1193388092630 9

dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

+ sign 182.376+/-0.000 χ^2/NDF: 170208542755892

Left Out: 169.393+/-0.000 χ^2/NDF:4104924297928214307332084699706163 20.0/8

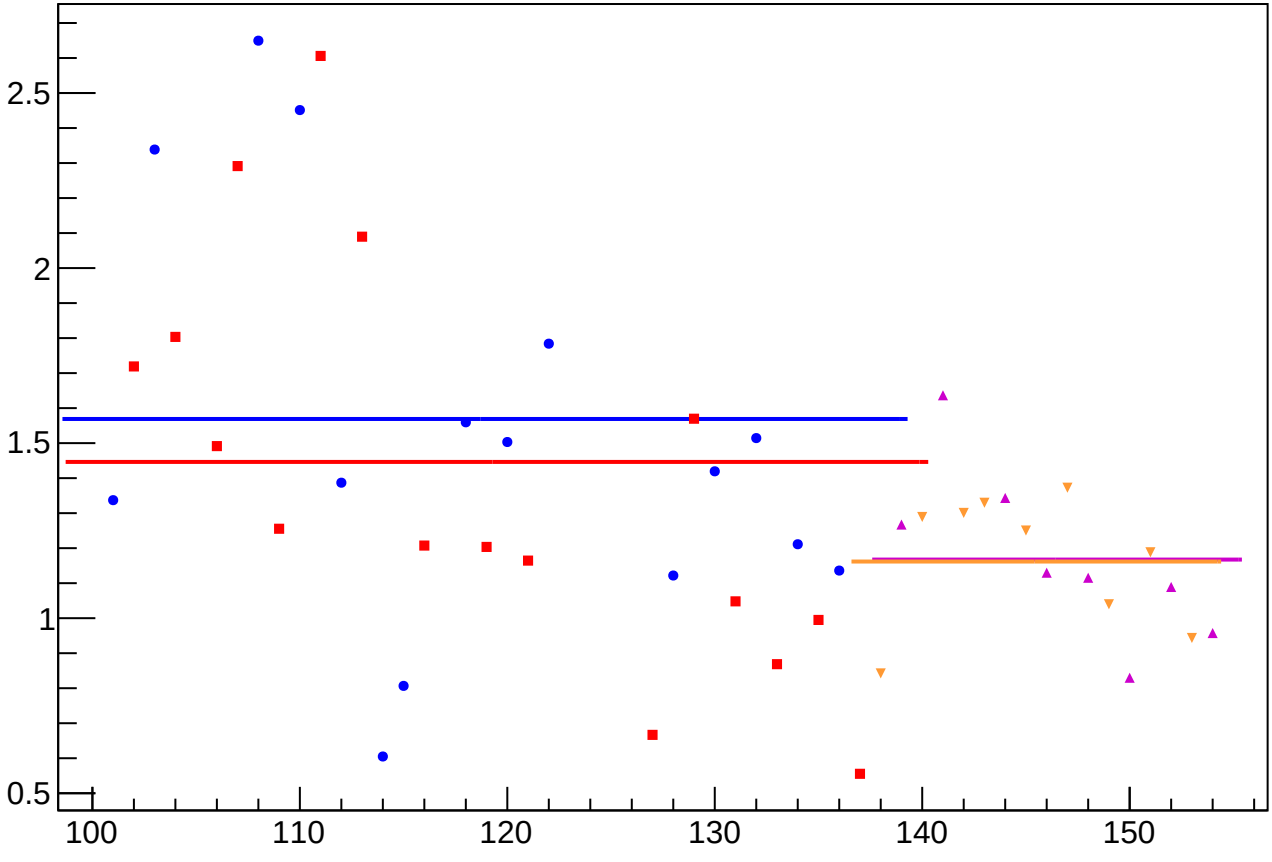
All: 185.280+/-0.000 χ^2/NDF: 325919559173

Right Out: 190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

- sign 188.121+/-0.000 χ^2/NDF: 153497606767634

Left In: 186.043+/-0.000 χ^2/NDF:604545066961300820409125680374087 68.0/7

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Left Out: 1.162+/-0.000 χ^2/NDF:2152893691766252208218976131481 6.0/8

Right Out: 1.446+/-0.000 χ^2/NDF: 19629665391752335244327105278771 2.0/15

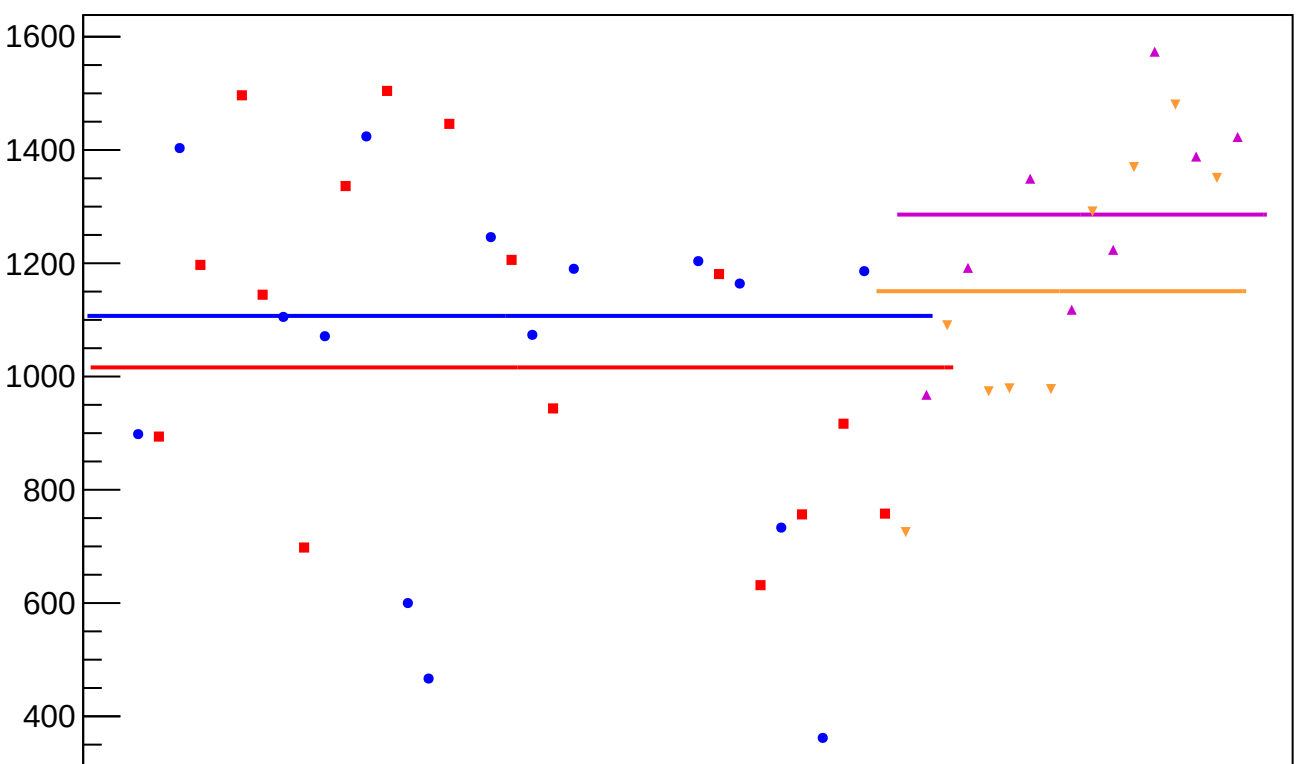
Left In: 1.167+/-0.000 χ^2/NDF:37448940717677712094004391182336.0/7

+ sign 1.361+/-0.000 χ^2/NDF: 2393540424762617 9

All: 1.332+/-0.000 χ^2/NDF: 5015961328803 0

- sign 1.305+/-0.000 χ^2/NDF: 2601121110680961 0

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

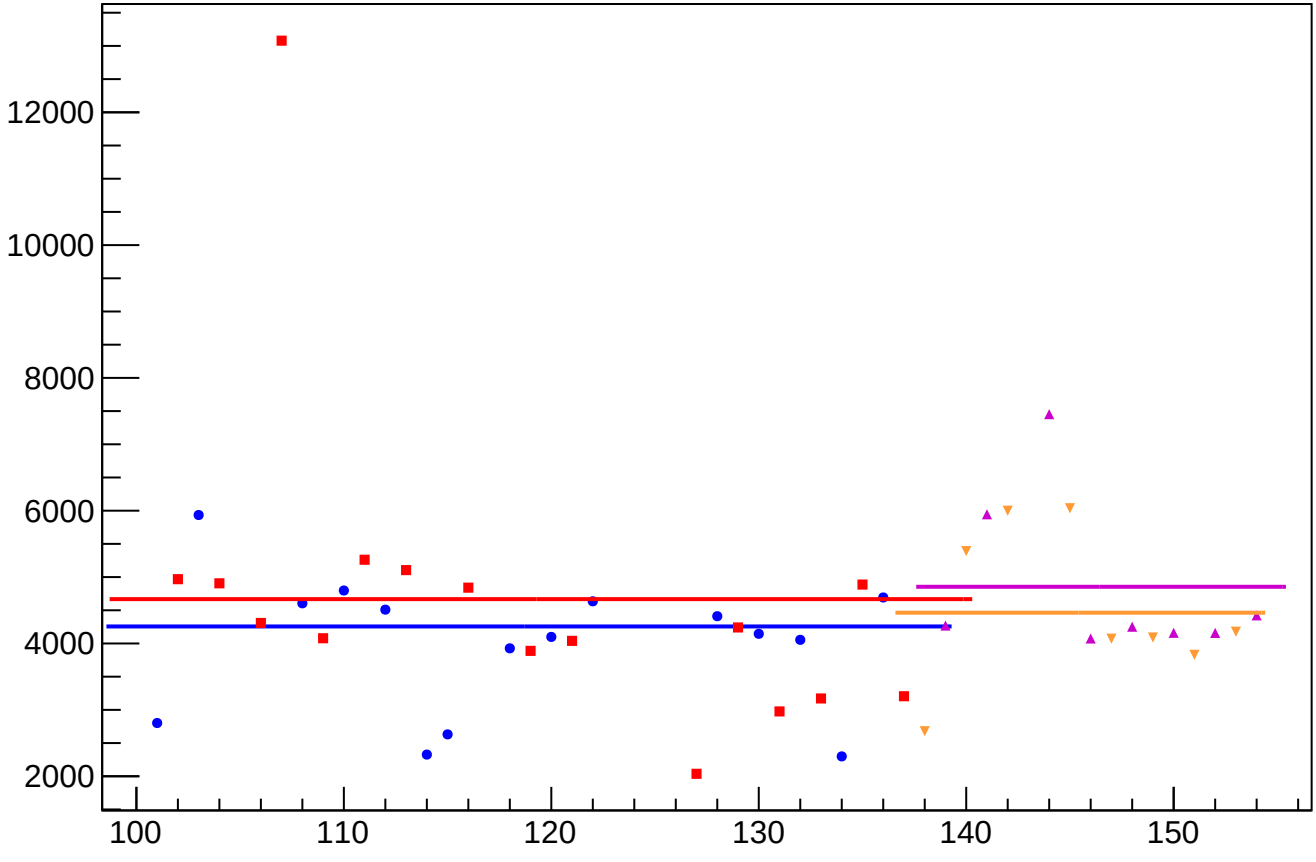
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1

All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5

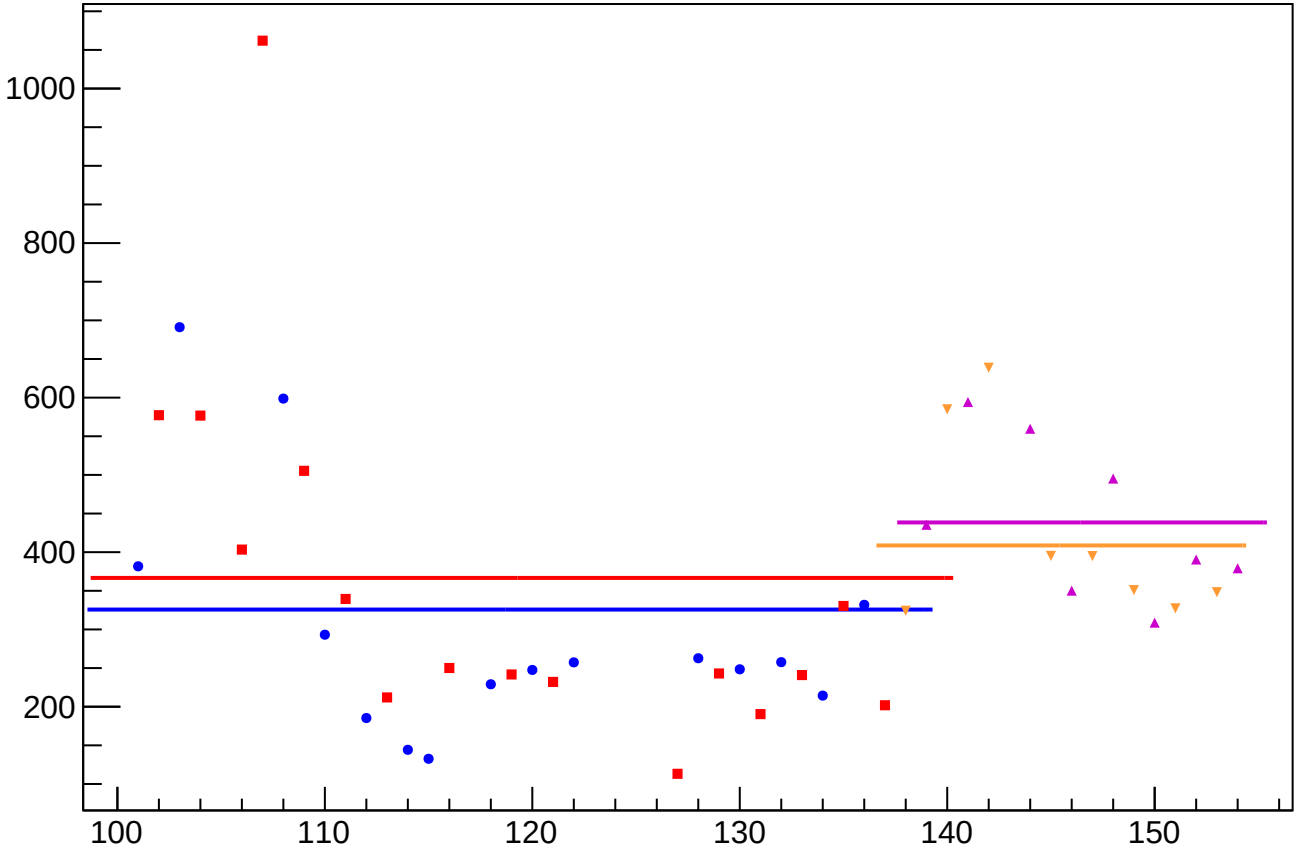
- sign 1153.224+/-0.000 χ^2/NDF: 1193388092630 9

dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000 χ^2/NDF: 49860541255162485967245495415957618688 0.0/14
+ sign 4356.800+/-0.000 χ^2/NDF: 12019566930385
Left Out: 4463.458+/-0.000 χ^2/NDF:68985677255516385105931799918913205043 2.0/7
All: 4567.017+/-0.000 χ^2/NDF: 5436591711 8
Right Out: 4667.832+/-0.000 χ^2/NDF: 32019255357828074503209517721593095127 04.0/15
- sign 4762.352+/-0.000 χ^2/NDF: 41272149814645
Left In: 4853.854+/-0.000 χ^2/NDF:91356172447784379242740708178749554688 0.0/7

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

+ sign 365.970+/-0.000 χ^2/NDF: 23466708626994

Left Out: 408.710+/-0.000 χ^2/NDF:666641351248848621635083951444852736 0.0/7

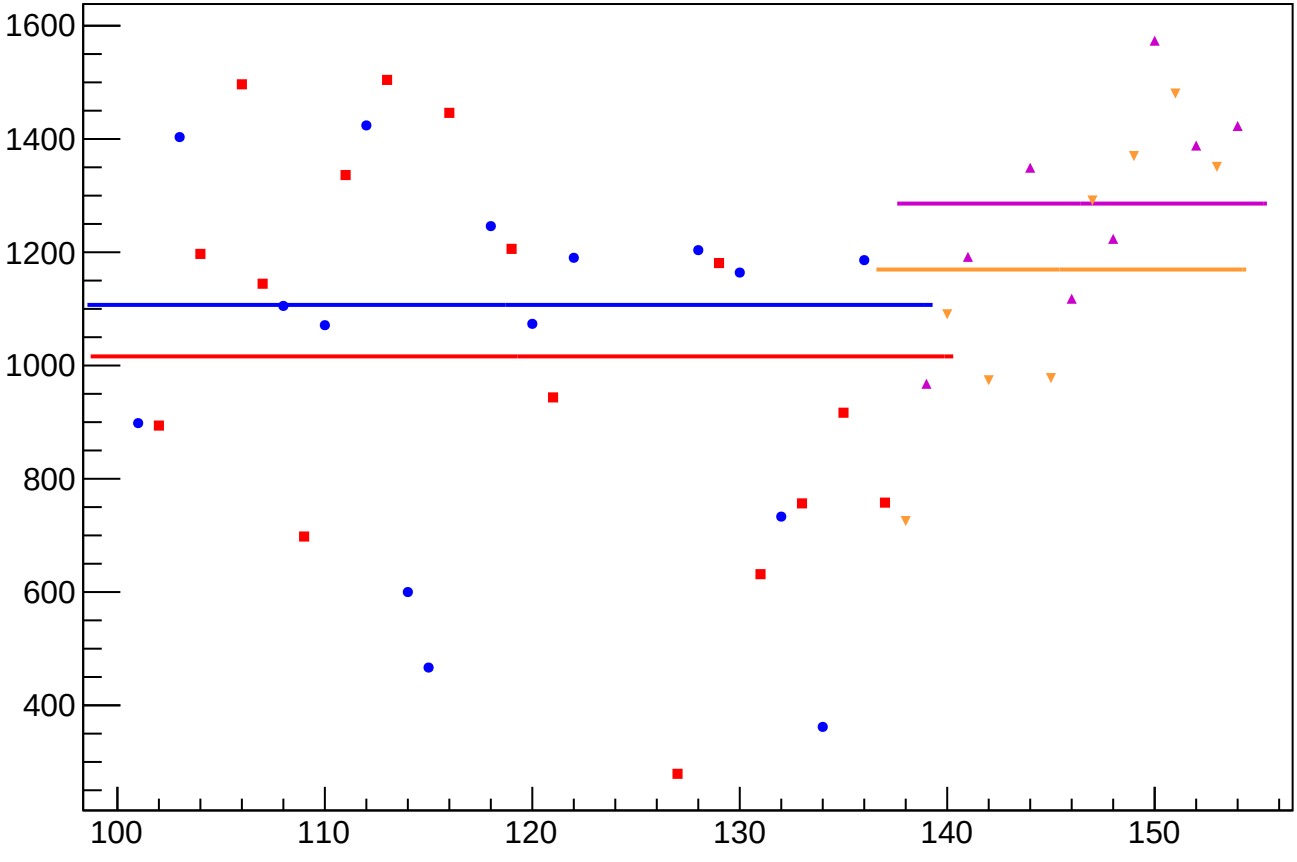
All: 385.246+/-0.000 χ^2/NDF: 64548065240

Right Out: 366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893452 8.0/15

- sign 403.157+/-0.000 χ^2/NDF: 401781514400726

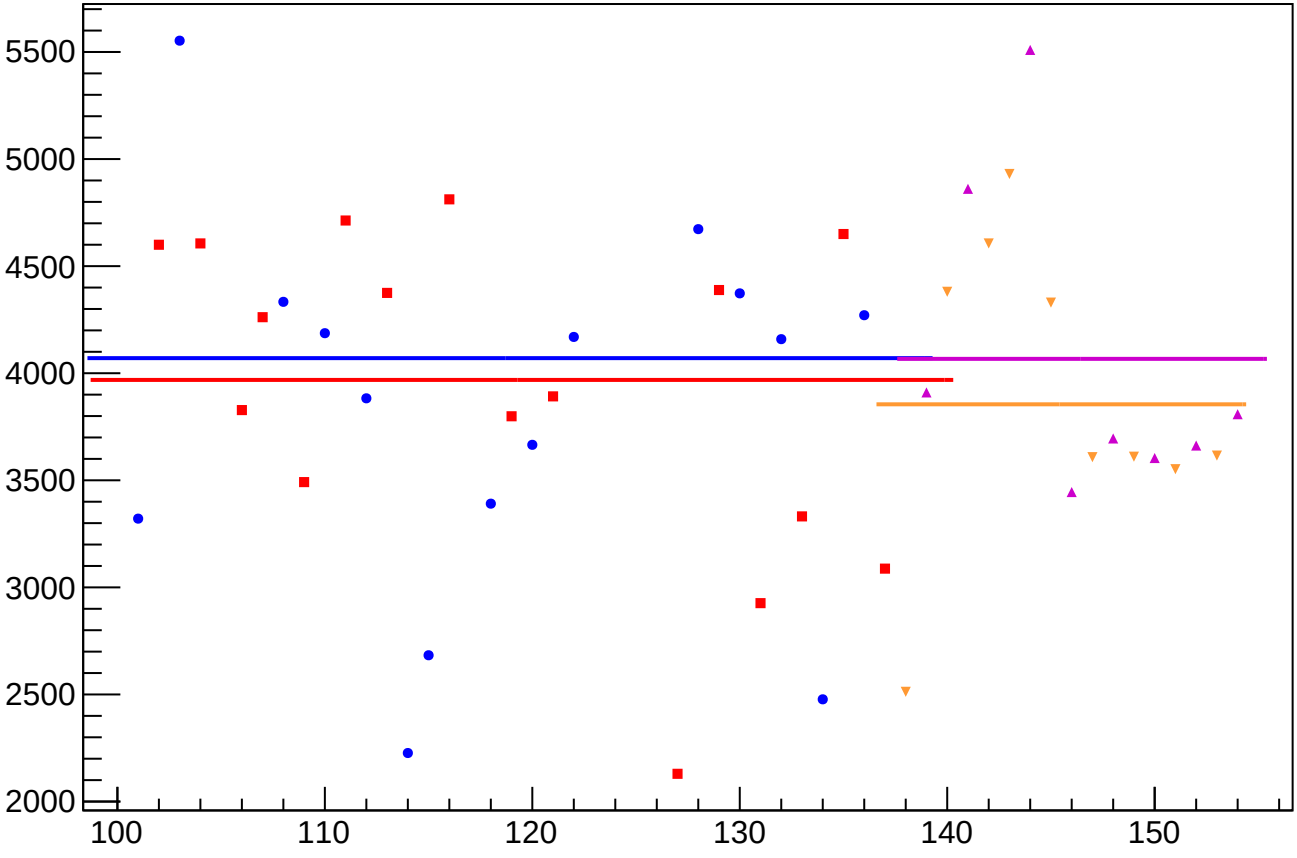
Left In: 438.468+/-0.000 χ^2/NDF:633444453193608844086577342110813388 8.0/7

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1137.341+/-0.000 χ^2/NDF: 7725950925854 6
Left Out: 1169.514+/-0.000 χ^2/NDF:353978410673173791128748143614120427 52.0/7
All: 1145.574+/-0.000 χ^2/NDF: 1967630790 3
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1153.224+/-0.000 χ^2/NDF: 1193388092630 9
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Left Out: 3854.826+/-0.000 χ^2/NDF:3066549910462230506364849556664960942 08.0/8

Right Out: 3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

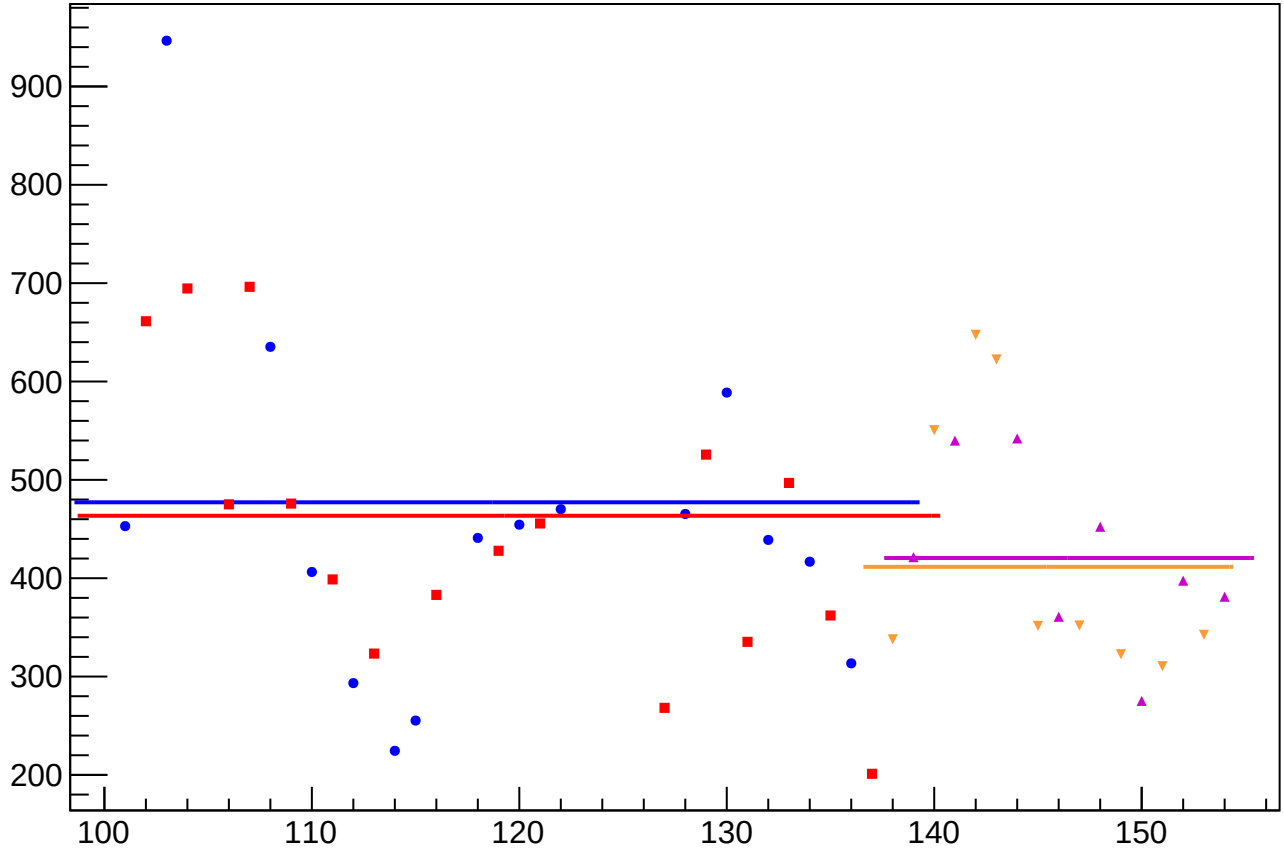
Left In: 4067.070+/-0.000 χ^2/NDF:3242243440797542711952077441795369205 76.0/7

+ sign 3960.279+/-0.000 χ^2/NDF: 6653528469642 8

All: 3989.802+/-0.000 χ^2/NDF: 1355099609 7

- sign 4018.694+/-0.000 χ^2/NDF: 6874582119484 2

dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Left Out: 411.562+/-0.000 χ^2/NDF:9971631271693083015983510616314740736.0/8

Right Out: 463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

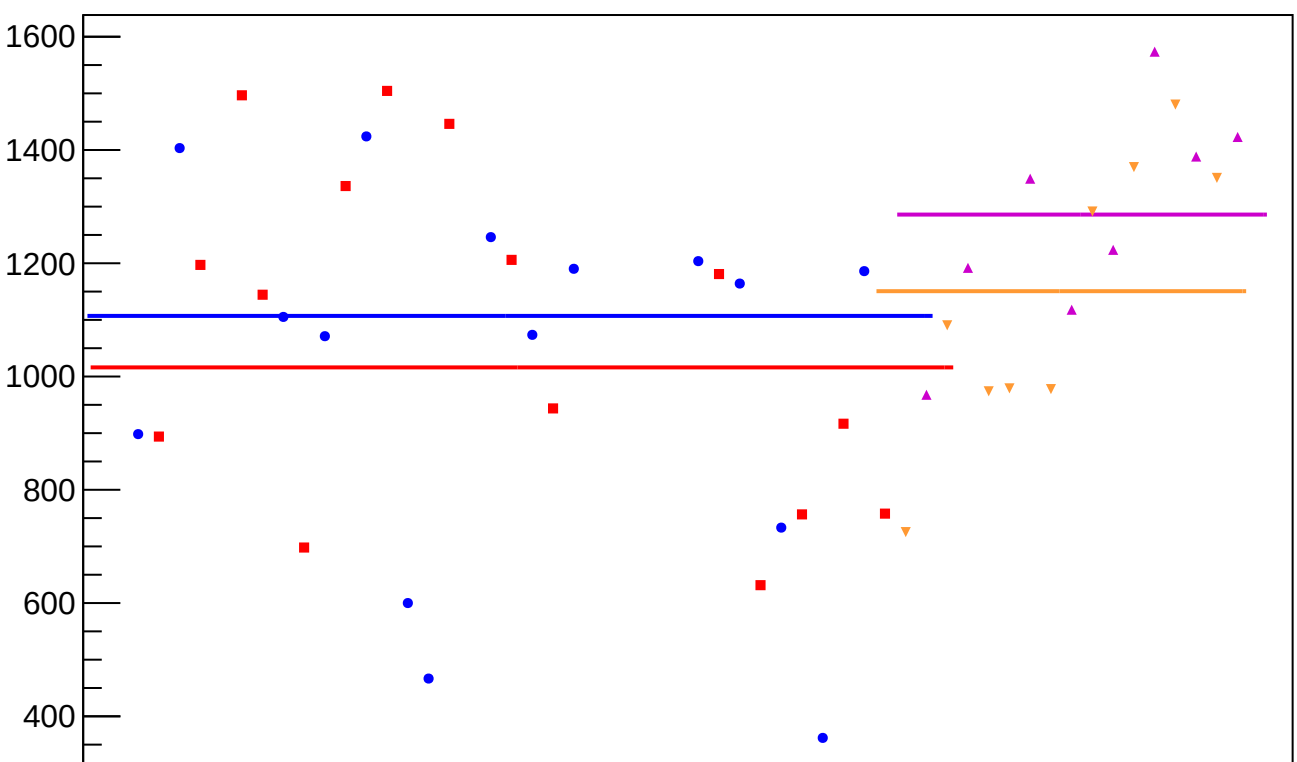
Left In: 420.572+/-0.000 χ^2/NDF:501279521482104341000438573498682572 8.0/7

+ sign 443.657+/-0.000 χ^2/NDF: 31855357510026 9

All: 442.665+/-0.000 χ^2/NDF: 50052441739 2

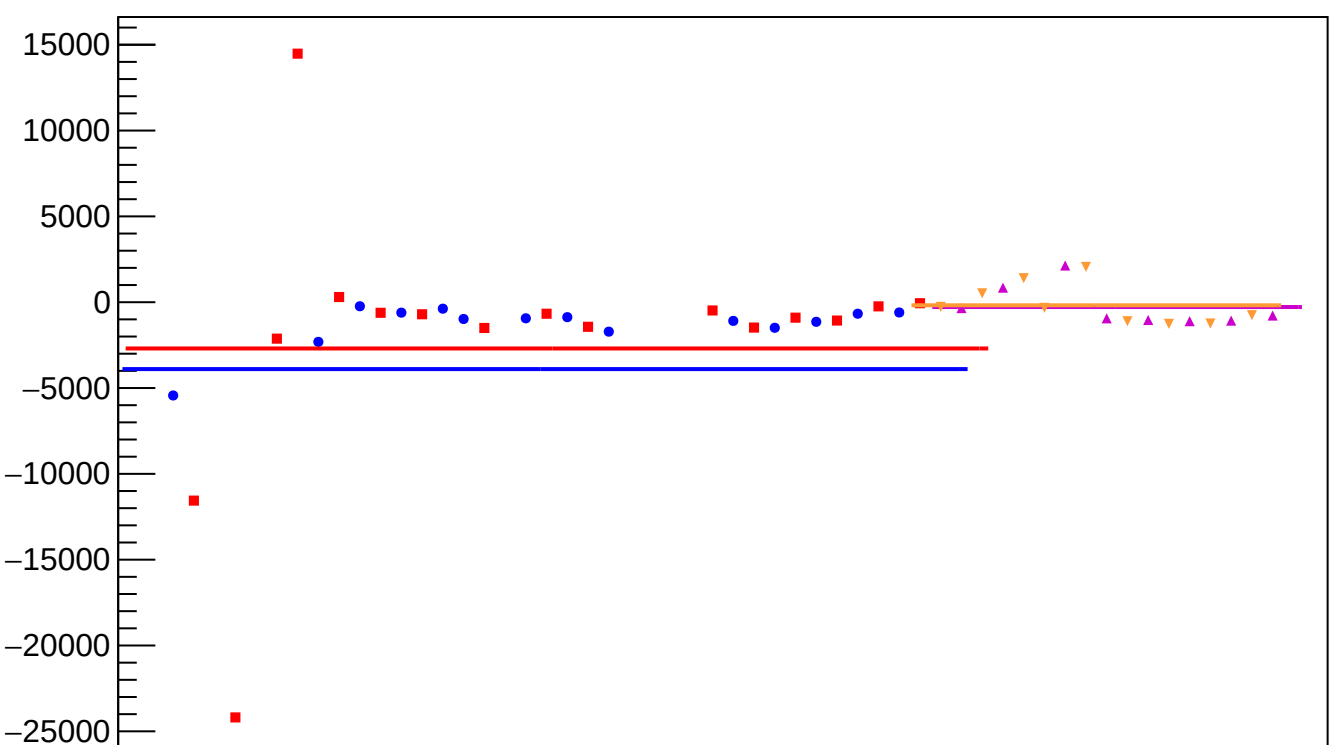
- sign 441.694+/-0.000 χ^2/NDF: 181944984357158

dit_usr_coil4_Ndata_mean vs Slug



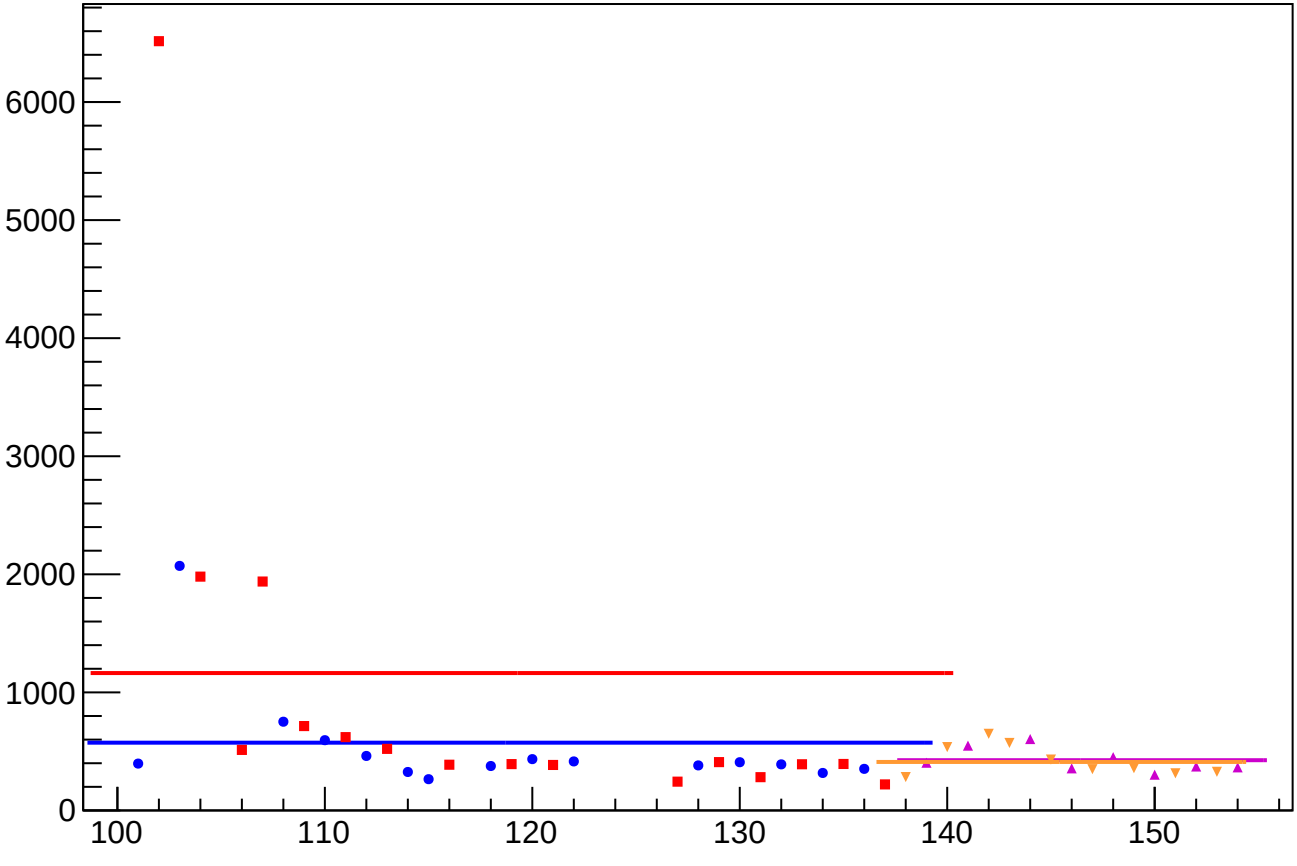
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1
Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8
All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1153.224+/-0.000 χ^2/NDF: 11933880926309
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

dit_atl1_coil4_mean vs Slug



Right In: -3896.522+/-0.000 χ^2/NDF: 39618598516481020448248440670012984786944.0/14
+ sign -1997.565+/-0.000 χ^2/NDF: 4504183417217
Left Out: -179.831+/-0.000 χ^2/NDF:842699252860840434657692527000750653440.0/8
All: -1730.406+/-0.000 χ^2/NDF: 8887925082
Right Out: -2695.992+/-0.000 χ^2/NDF: 40822463071462352124212058386591729582080.0/15
- sign -1468.961+/-0.000 χ^2/NDF: 4365001595981
Left In: -281.109+/-0.000 χ^2/NDF:851139848824232486259400396652643614720.0/7

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14

+ sign 490.653+/-0.000 χ^2/NDF: 16973064586621 6

Left Out: 410.817+/-0.000 χ^2/NDF:8789600792330653624781750876827025408.0/8

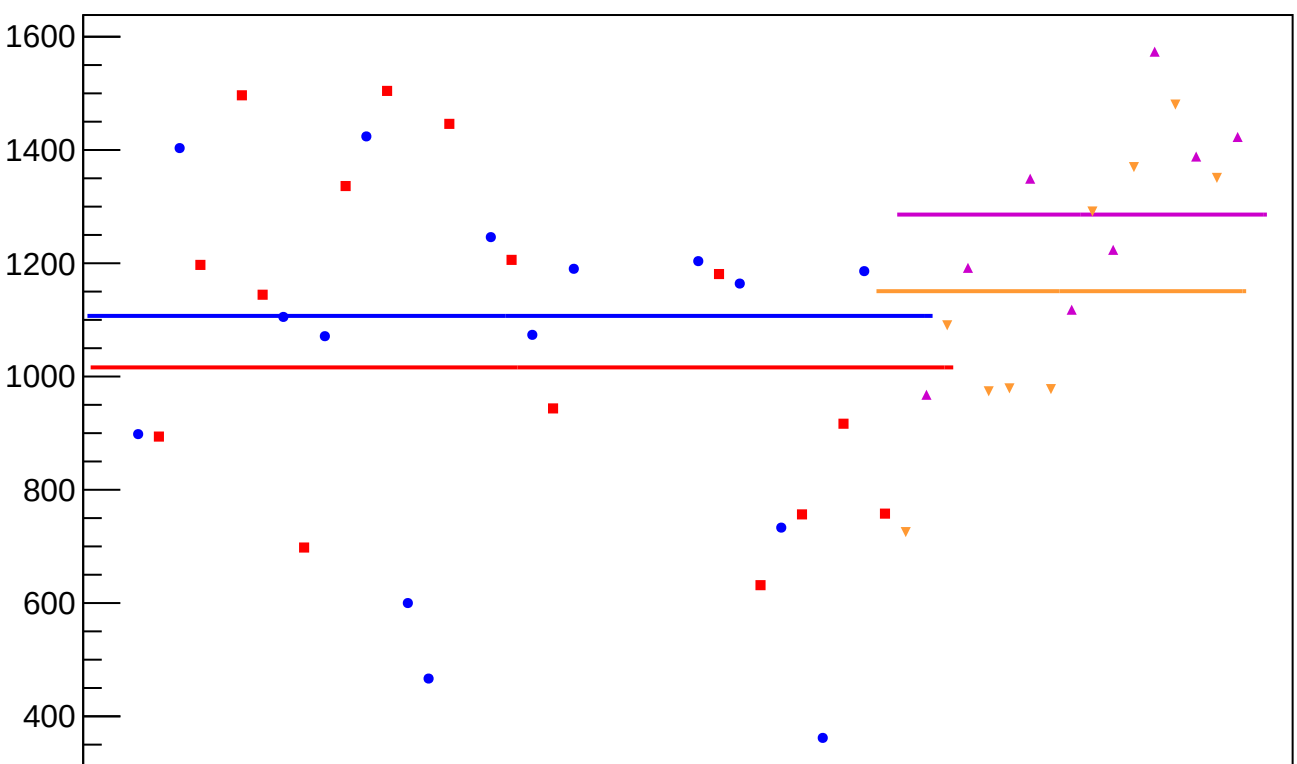
All: 641.270+/-0.000 χ^2/NDF: 2423697531 84

Right Out: 1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15

- sign 788.666+/-0.000 χ^2/NDF: 219440319838003

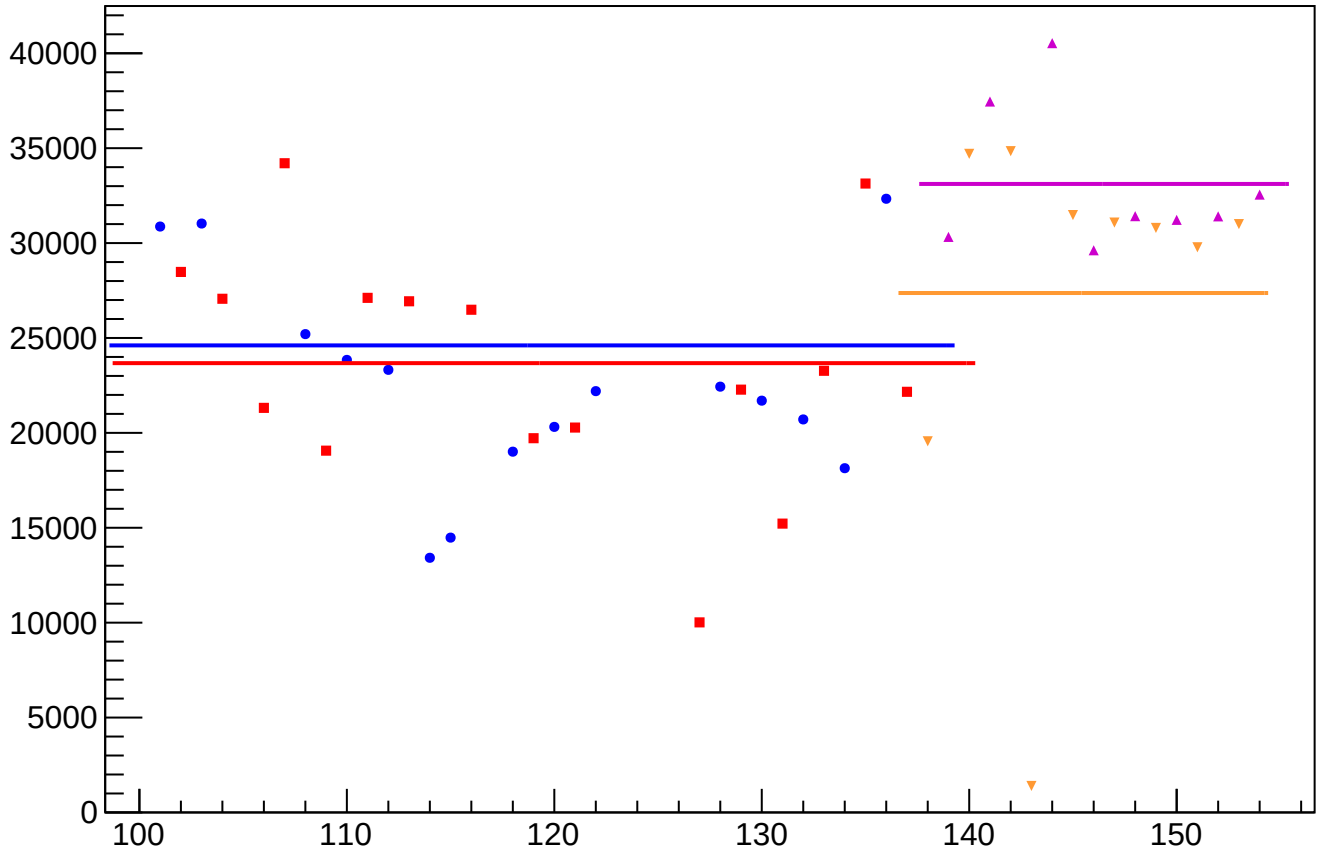
Left In: 425.610+/-0.000 χ^2/NDF:6579964202031733804996732902724075520.0/7

dit_atl1_coil4_Ndata_mean vs Slug



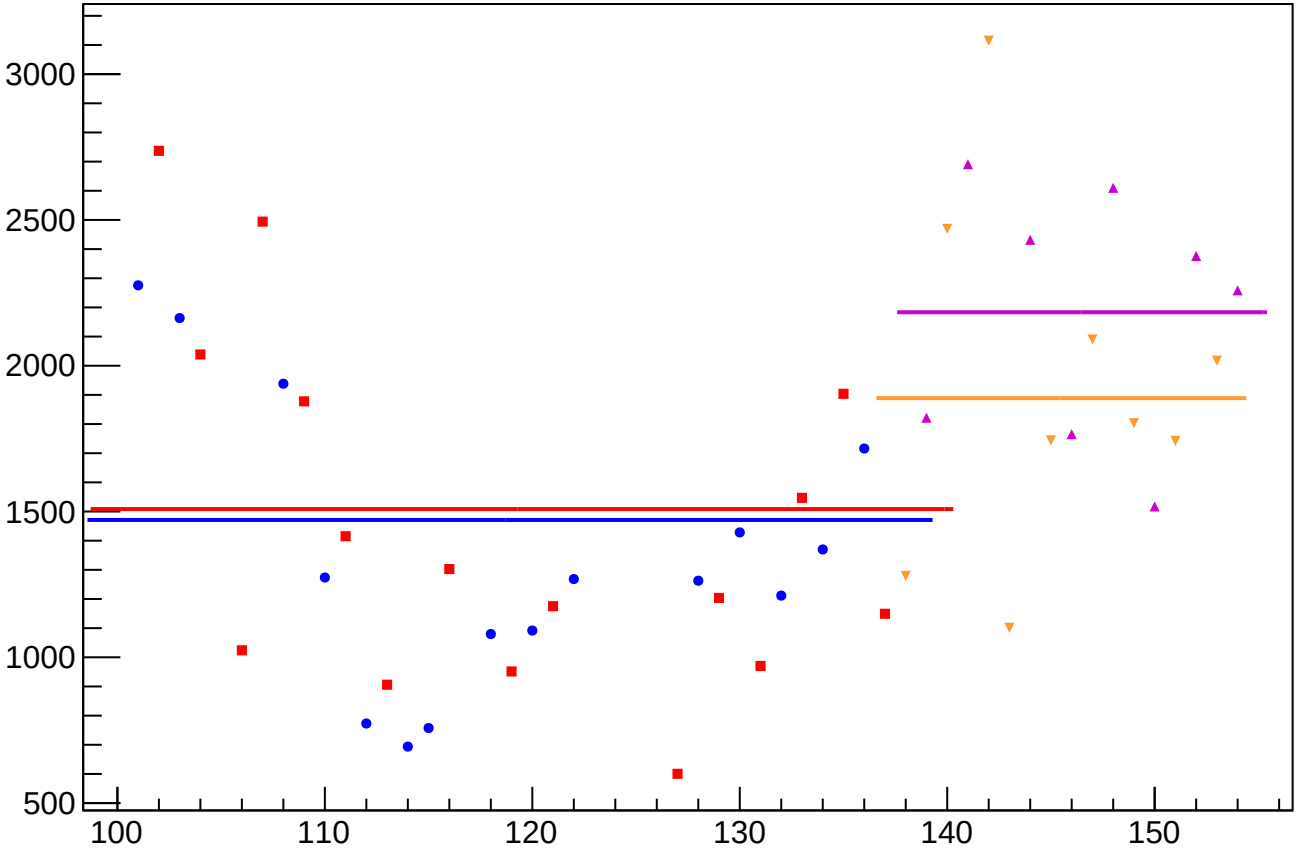
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1
Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8
All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1153.224+/-0.000 χ^2/NDF: 11933880926309
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14
+ sign 26019.048+/-0.000 χ^2/NDF: 8201403703585
Left Out: 27369.012+/-0.000 χ^2/NDF:6193204419358774042395815313242522963148 8.0/8
All: 27258.464+/-0.000 χ^2/NDF: 1500782484
Right Out: 23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15
- sign 28471.373+/-0.000 χ^2/NDF: 6403085902027
Left In: 33115.625+/-0.000 χ^2/NDF:8994265927939909242815109490597334876160.0/7

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF: 13917497942046784107389416795645201612 8.0/14

Left Out: 1888.930+/-0.000 χ^2/NDF:17588264629101442427358282798010571161 6.0/8

Right Out: 1508.451+/-0.000 χ^2/NDF: 25008516377042505060576344698571561 3696.0/15

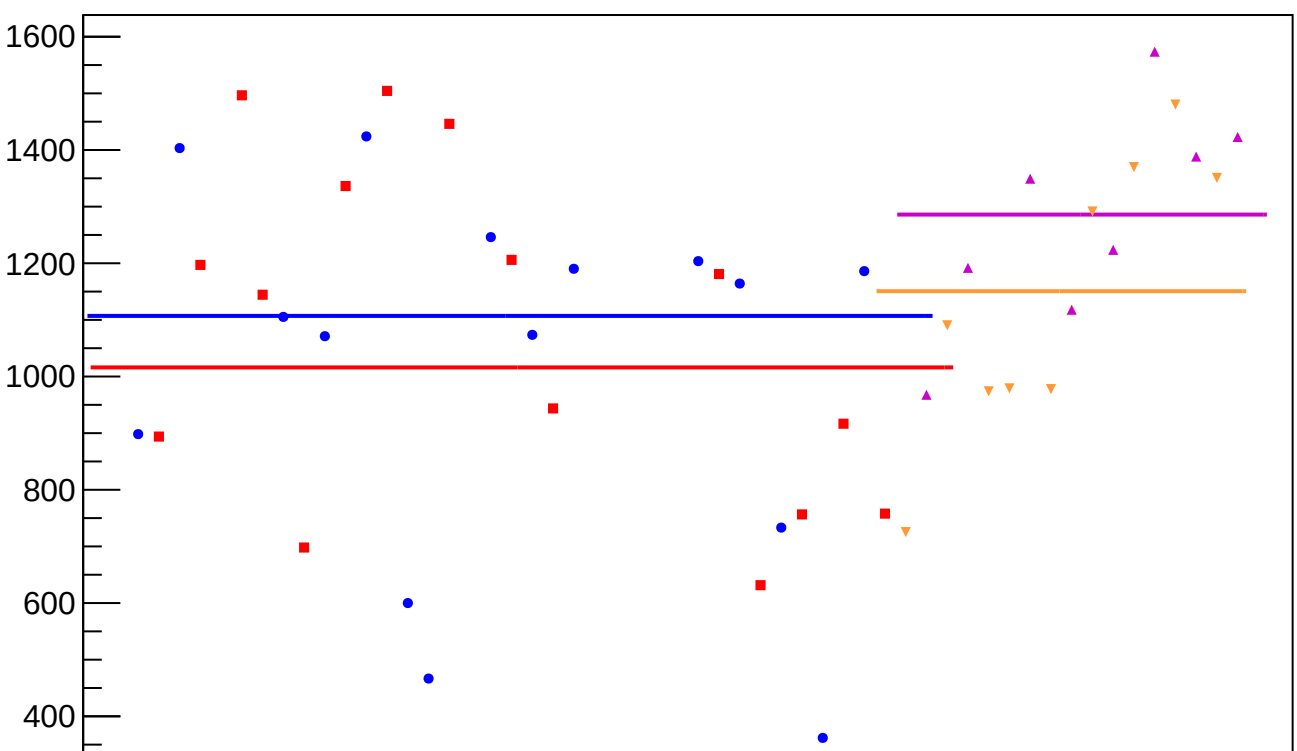
Left In: 2183.438+/-0.000 χ^2/NDF:11188367752850511831187399327463610777 6.0/7

+ sign 1684.578+/-0.000 χ^2/NDF: 3729489793718 5

All: 1768.901+/-0.000 χ^2/NDF: 9079974750 4

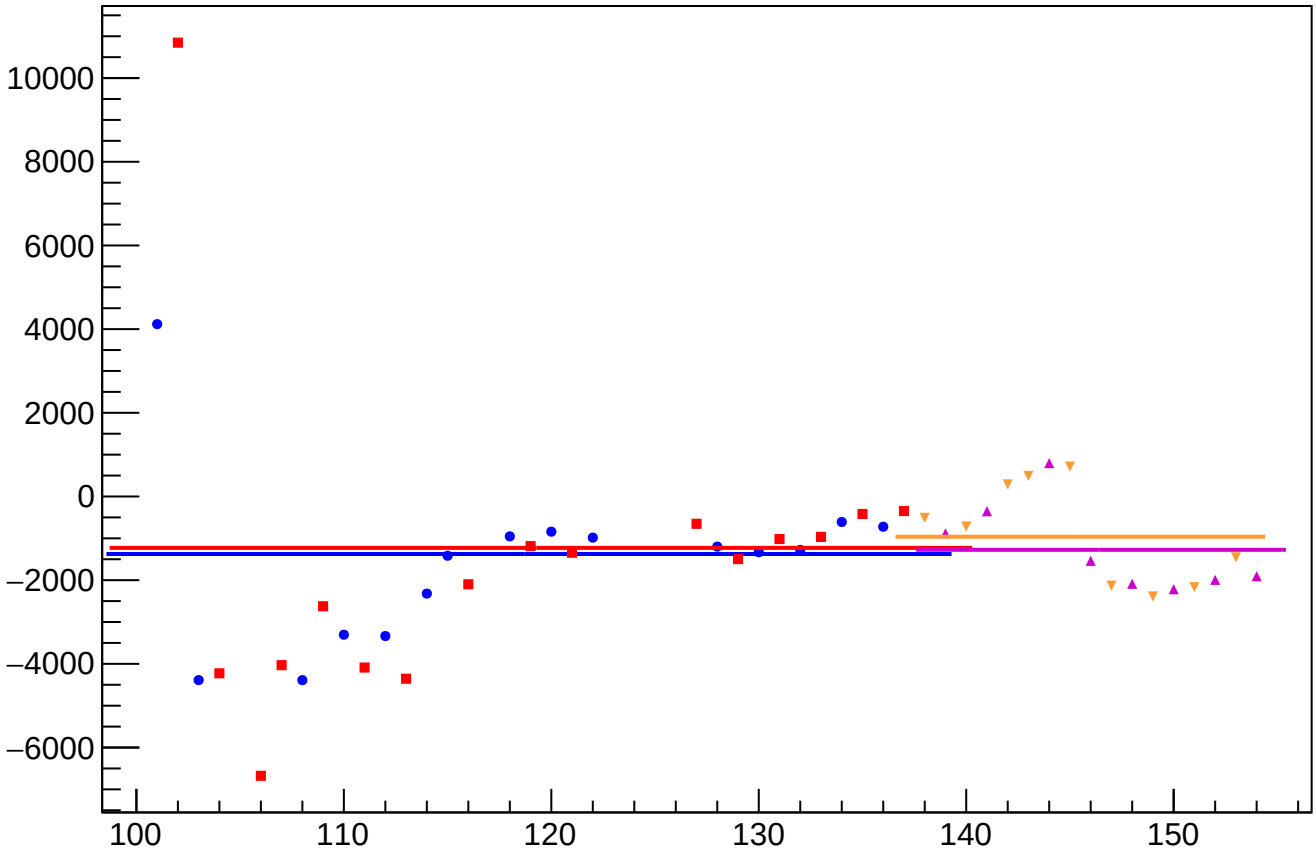
- sign 1851.420+/-0.000 χ^2/NDF: 5163794875700 9

dit_atl2_coil4_Ndata_mean vs Slug



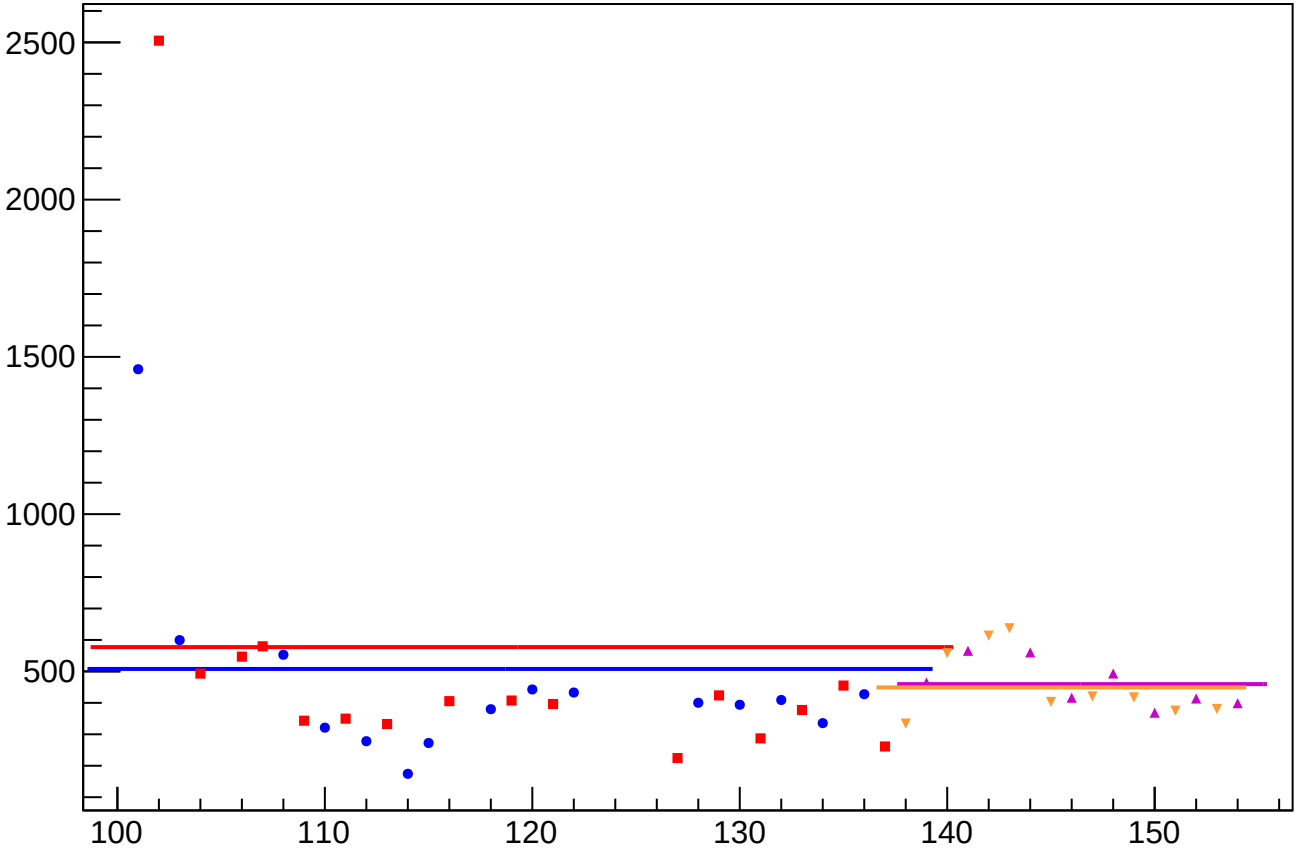
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1
Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8
All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1153.224+/-0.000 χ^2/NDF: 11933880926309
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
+ sign -1163.633+/-0.000 χ^2/NDF: 4001442901982
Left Out: -961.777+/-0.000 χ^2/NDF:872180924224869811635193350846339350528.0/8
All: -1207.973+/-0.000 χ^2/NDF: 1581121694
Right Out: -1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15
- sign -1251.365+/-0.000 χ^2/NDF: 1180461197441
Left In: -1274.101+/-0.000 χ^2/NDF:688574908005051283347985855043797516288.0/7

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Left Out: 449.043+/-0.000 χ^2/NDF:676024992807561138599224904365427916 8.0/8

Right Out: 577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

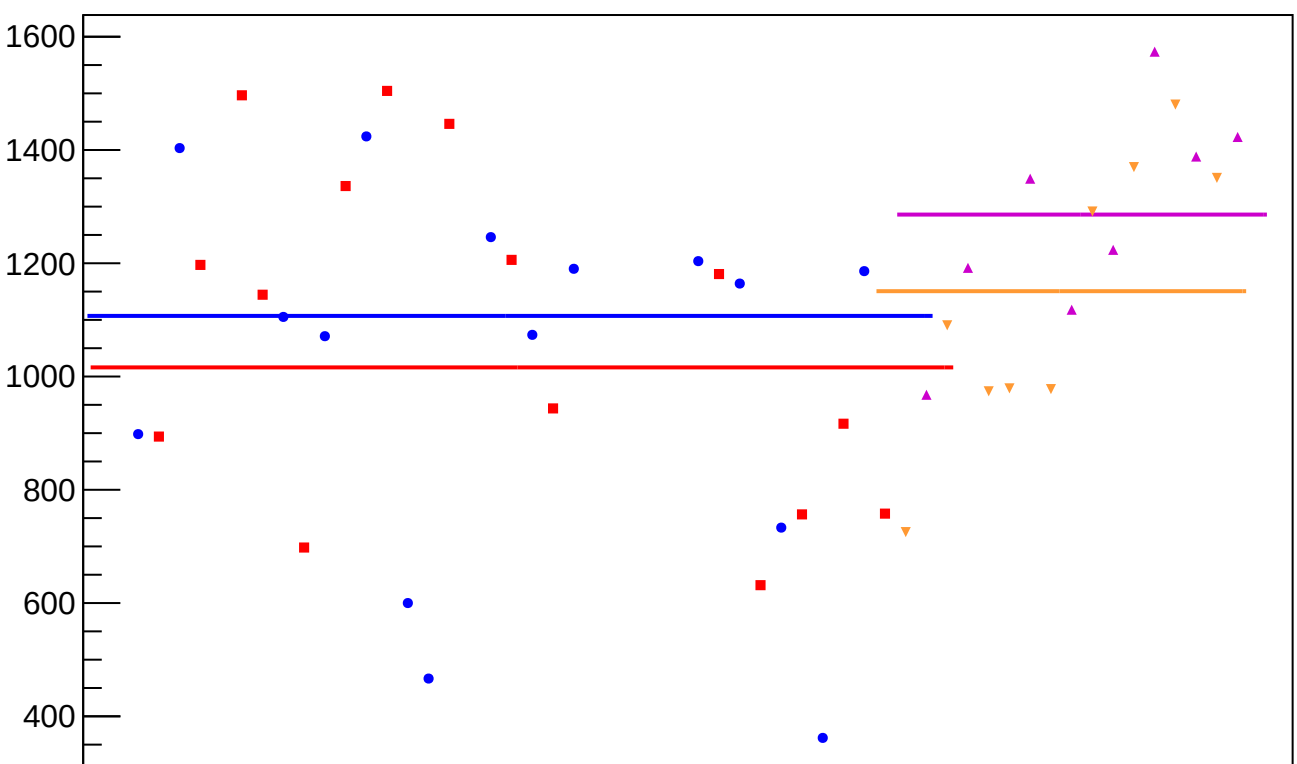
Left In: 459.580+/-0.000 χ^2/NDF:337554315834567262741072481792871628 8.0/7

+ sign 477.784+/-0.000 χ^2/NDF: 7204532250737 42

All: 497.837+/-0.000 χ^2/NDF: 32245808832 6

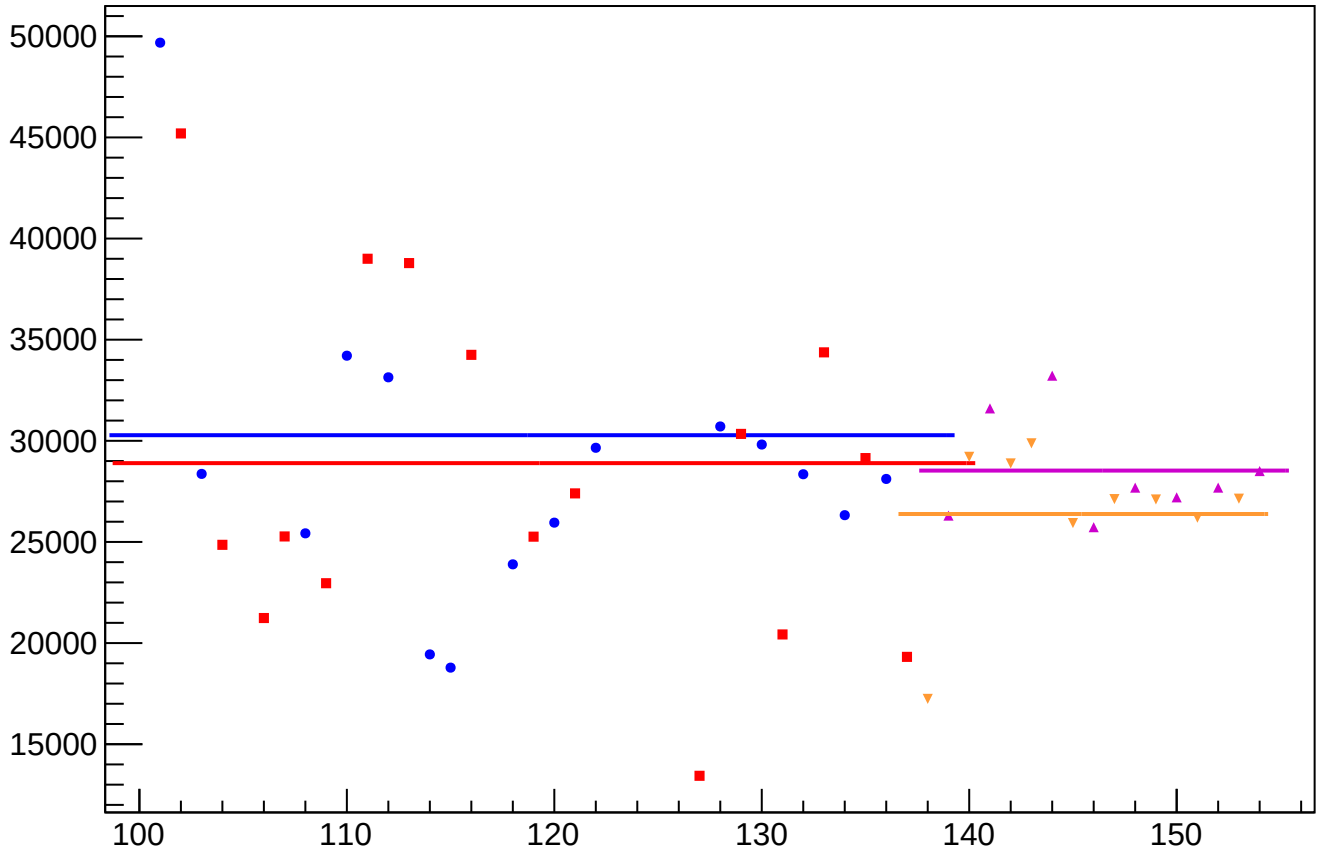
- sign 517.461+/-0.000 χ^2/NDF: 249356953927761

dit_atr1_coil4_Ndata_mean vs Slug



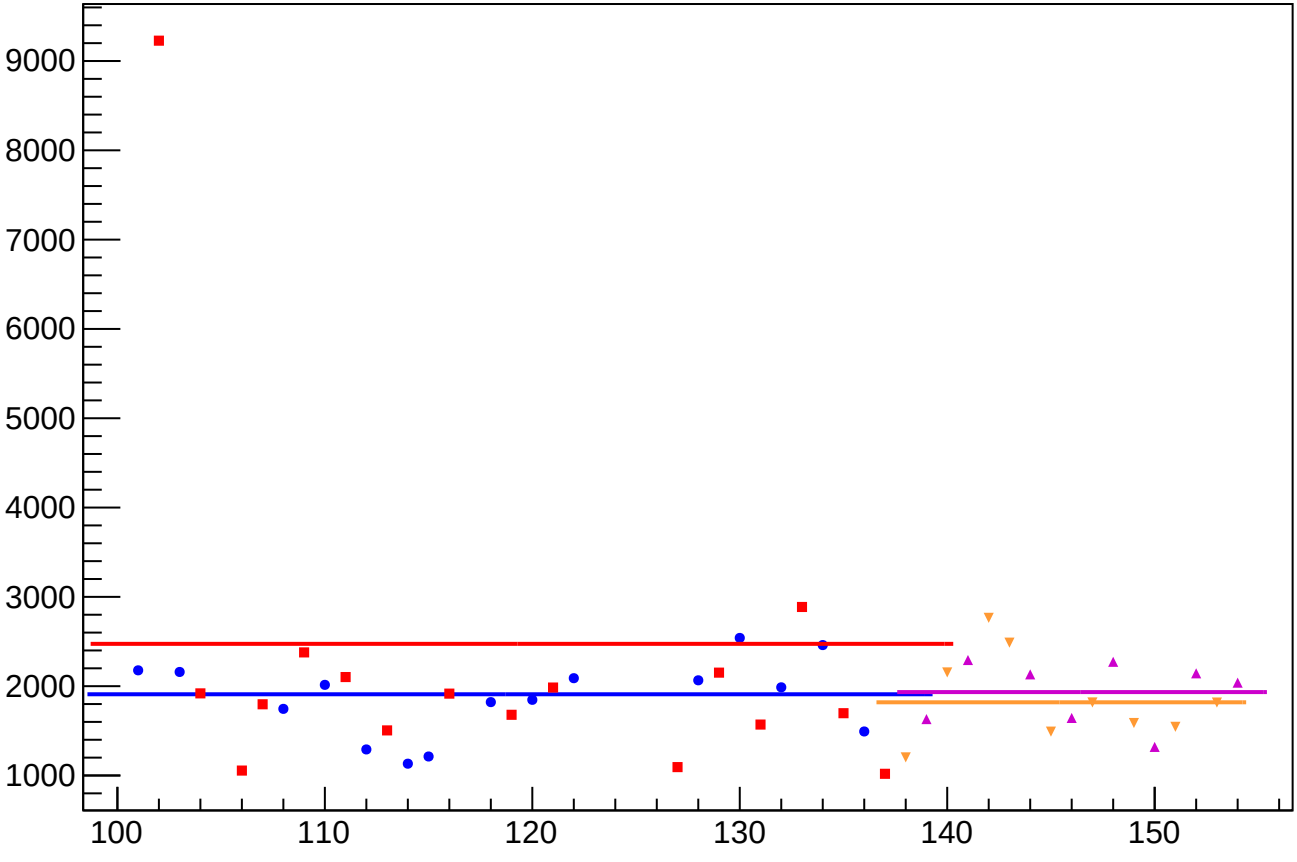
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1
Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8
All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1153.224+/-0.000 χ^2/NDF: 11933880926309
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14
+ sign 28287.045+/-0.000 χ^2/NDF: 4444151355892
Left Out: 26381.584+/-0.000 χ^2/NDF:843220412824716176606225686144352885145 6.0/8
All: 28500.440+/-0.000 χ^2/NDF: 956713444 8
Right Out: 28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15
- sign 28709.272+/-0.000 χ^2/NDF: 5111026634629
Left In: 28528.198+/-0.000 χ^2/NDF:409483567110784149982800372476323823616 0.0/7

dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14

+ sign 1863.496+/-0.000 χ^2/NDF: 2192505408275 9

Left Out: 1819.523+/-0.000 χ^2/NDF:1289329684937642813968963606643914833 92.0/8

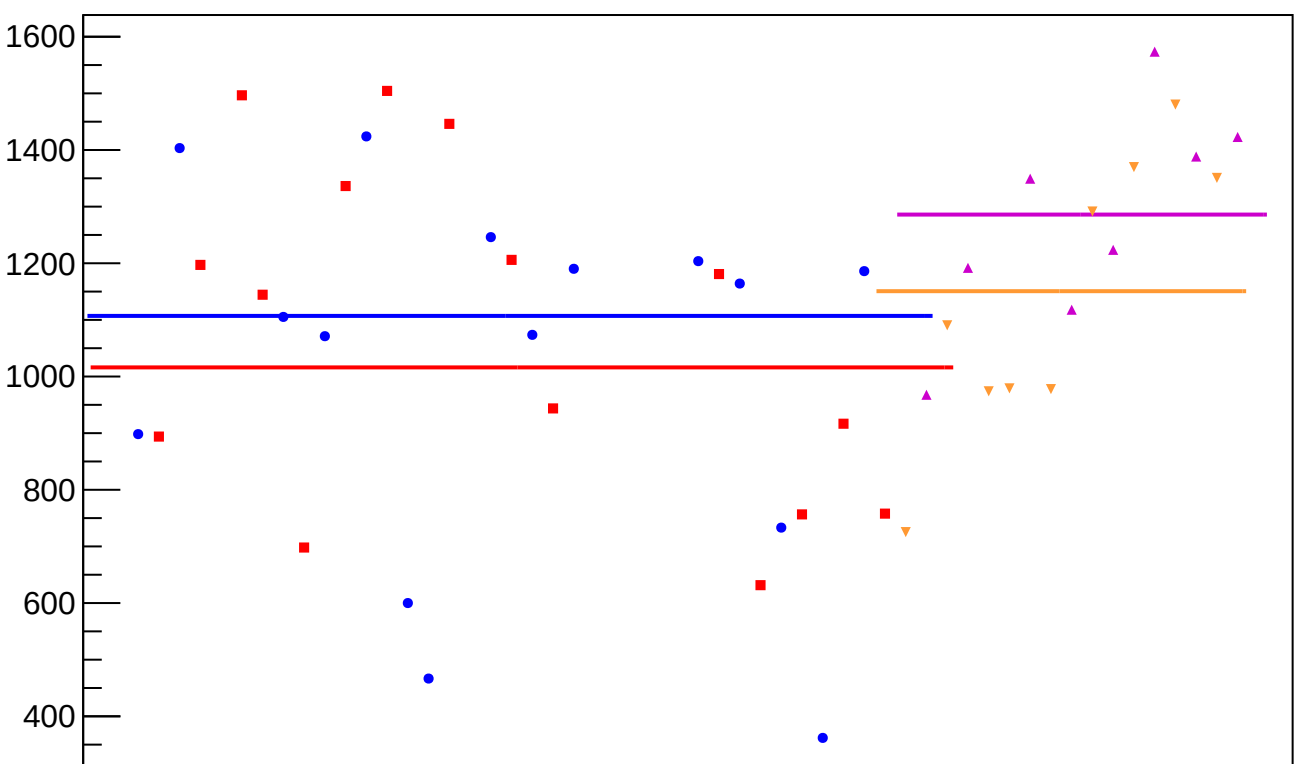
All: 2033.333+/-0.000 χ^2/NDF: 3505381704 8

Right Out: 2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641254 4.0/15

- sign 2199.538+/-0.000 χ^2/NDF: 32103958895472

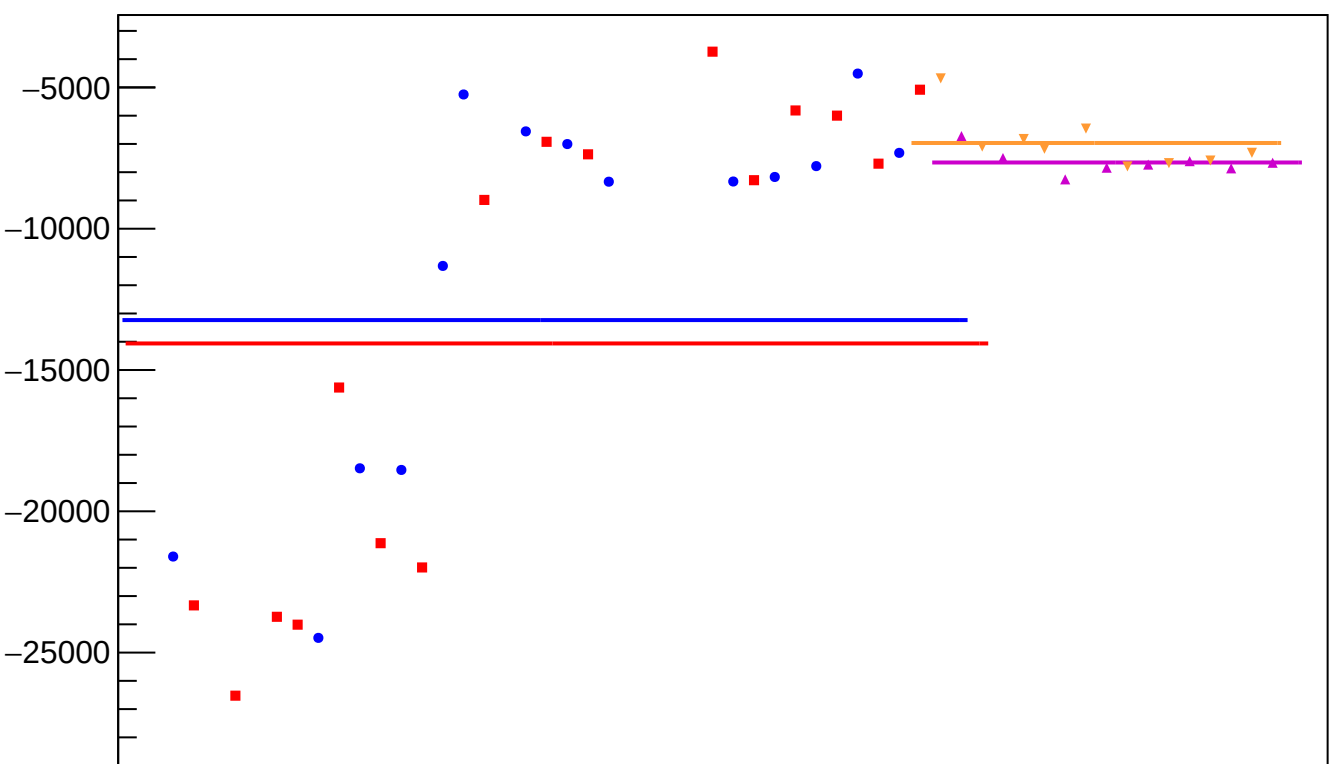
Left In: 1933.862+/-0.000 χ^2/NDF:776194198037942569258863246026672701 44.0/7

dit_atr2_coil4_Ndata_mean vs Slug



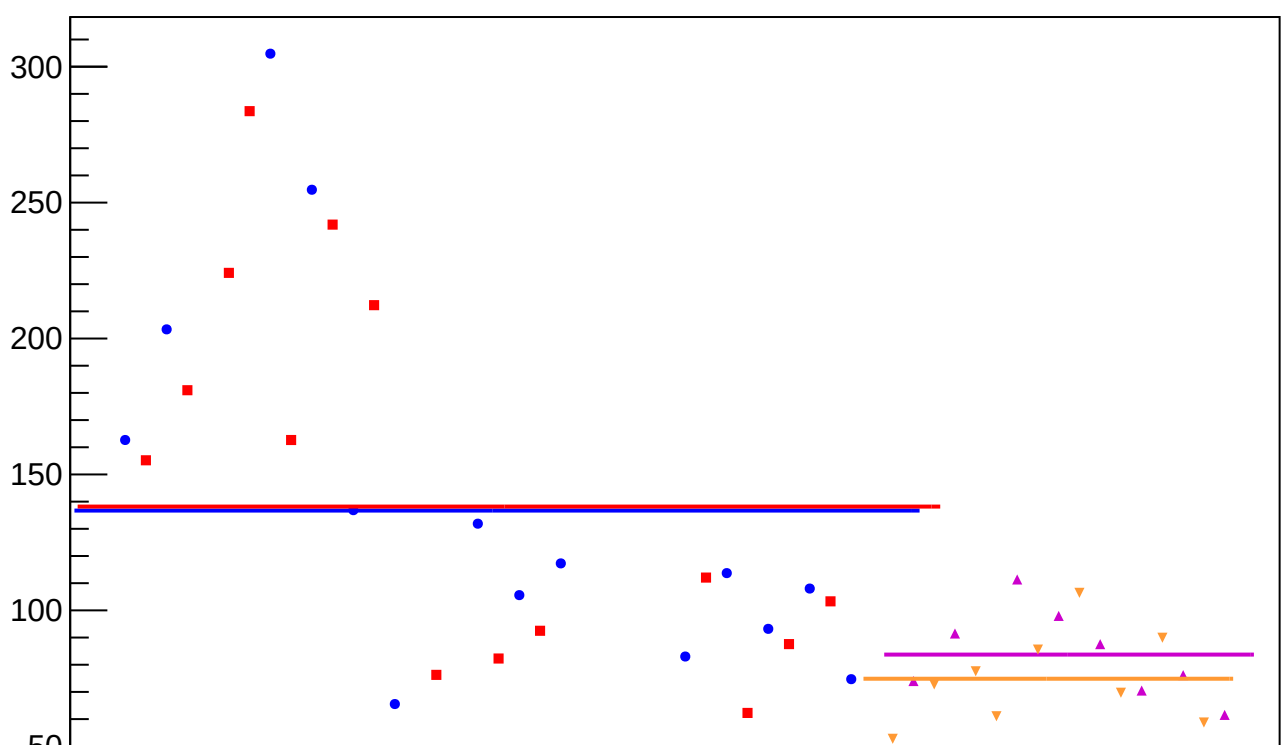
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1
Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8
All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1153.224+/-0.000 χ^2/NDF: 11933880926309
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14
+ sign -10031.286+/-0.000 χ^2/NDF: 548514448197
Left Out: -6966.168+/-0.000 χ^2/NDF:5702217333670032883155895441239750737 92.0/8
All: -10423.001+/-0.000 χ^2/NDF: 113754284
Right Out: -14060.103+/-0.000 χ^2/NDF: 4449059475428016176640555691571138684 5184.0/15
- sign -10806.339+/-0.000 χ^2/NDF: 5849996215407
Left In: -7656.469+/-0.000 χ^2/NDF:1118123034005653682479792346115216506 88.0/7

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

+ sign 105.104+/-0.000 χ^2/NDF: 413657224092913

Left Out: 74.849+/-0.000 χ^2/NDF:1805301411821141195648629804294471 68.0/8

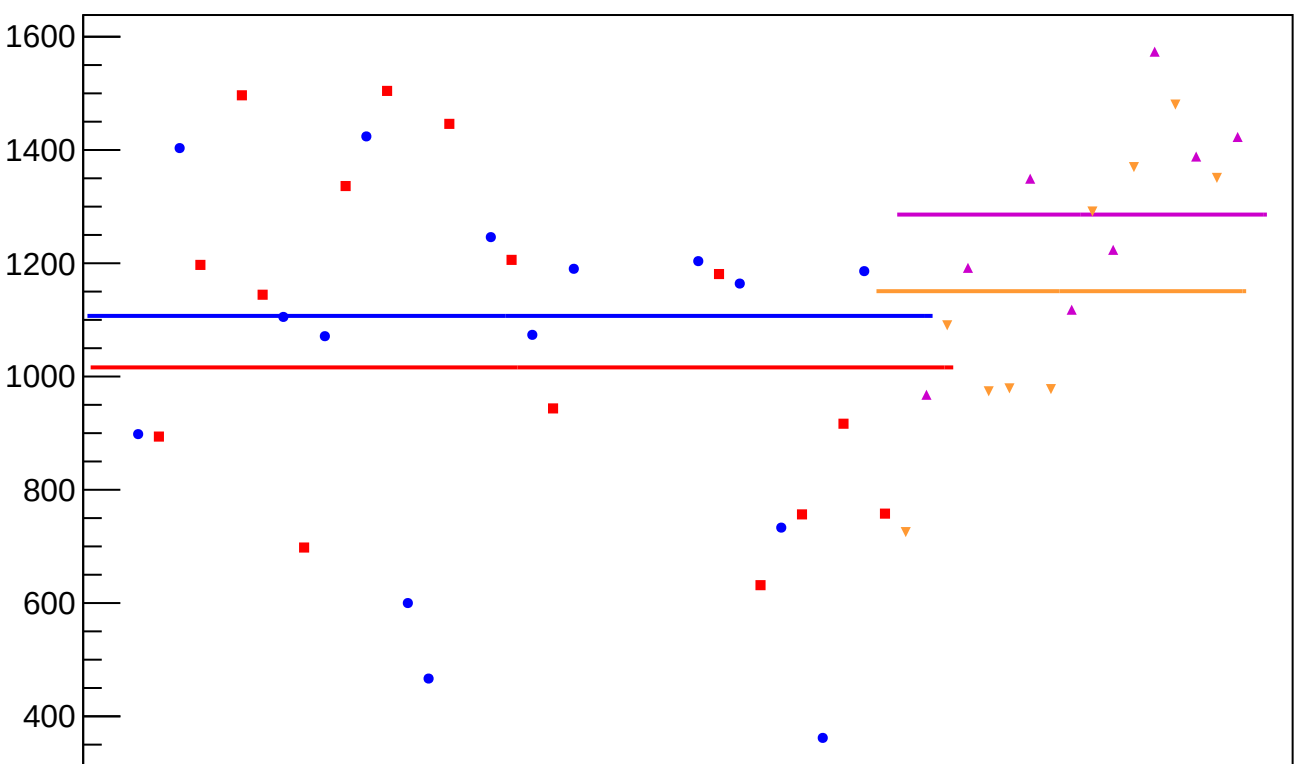
All: 107.838+/-0.000 χ^2/NDF: 85552551569 2

Right Out: 138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

- sign 110.514+/-0.000 χ^2/NDF: 439905144269610

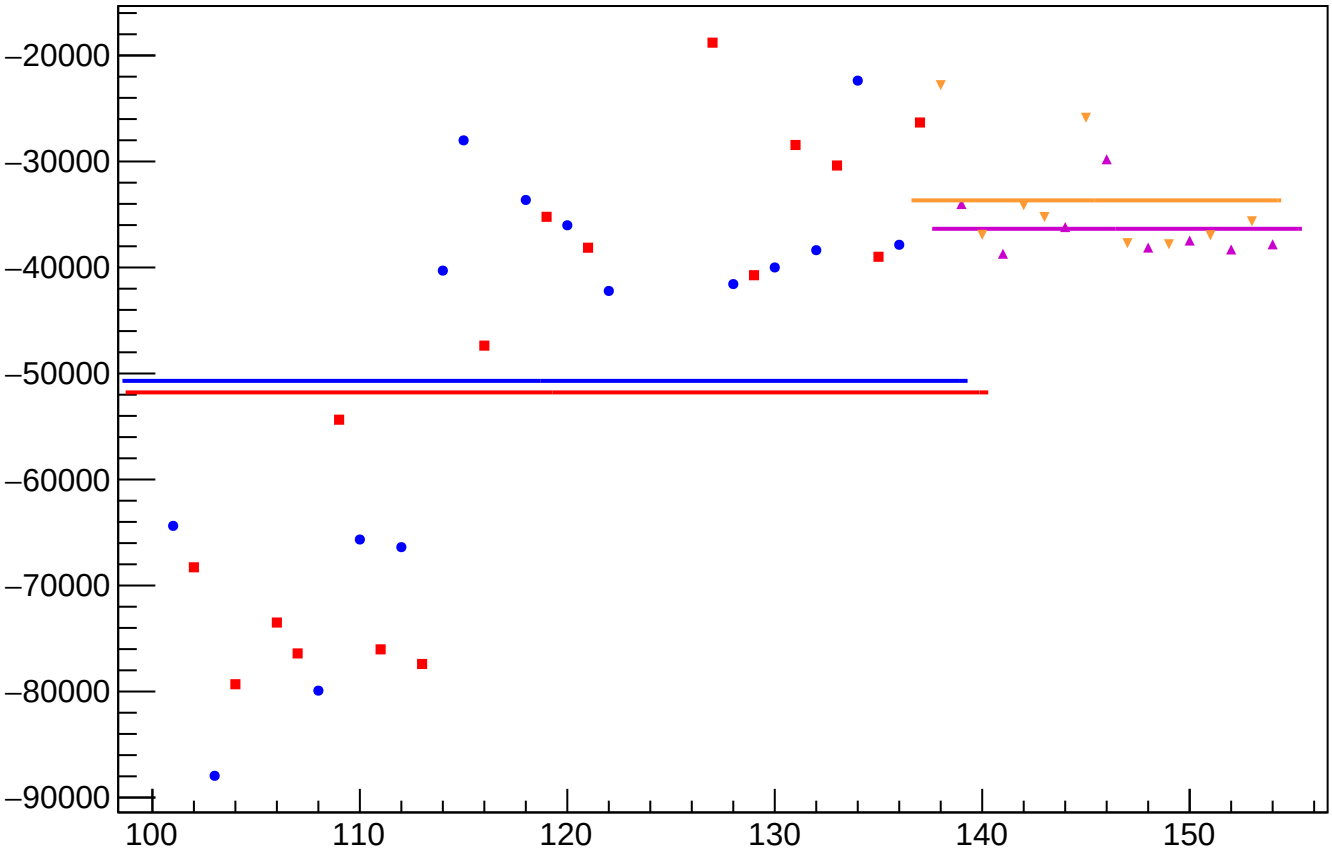
Left In: 83.732+/-0.000 χ^2/NDF:1634674324514297105918517710233272 32.0/7

dit_sam1_coil4_Ndata_mean vs Slug



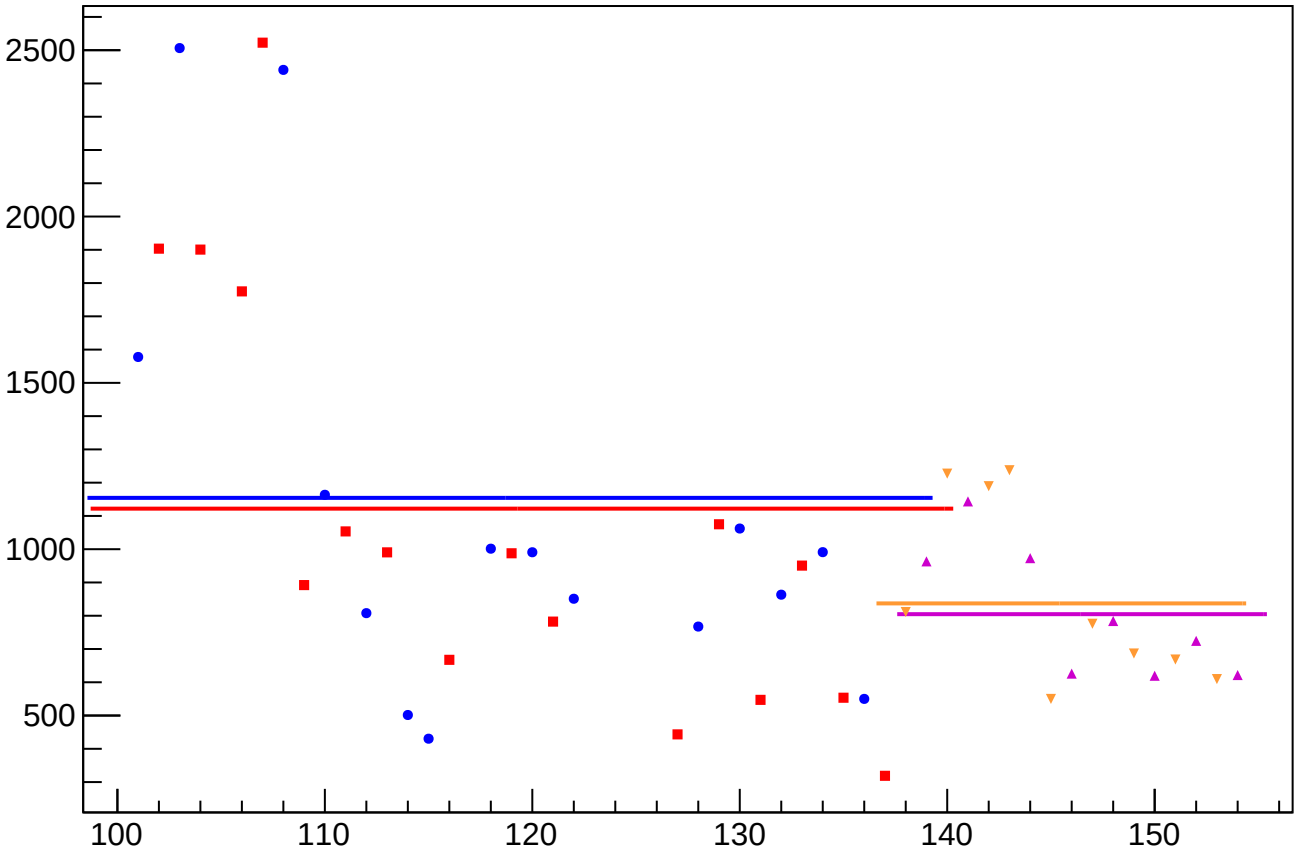
Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1
Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8
All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1153.224+/-0.000 χ^2/NDF: 11933880926309
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

dit_sam2_coil4_mean vs Slug



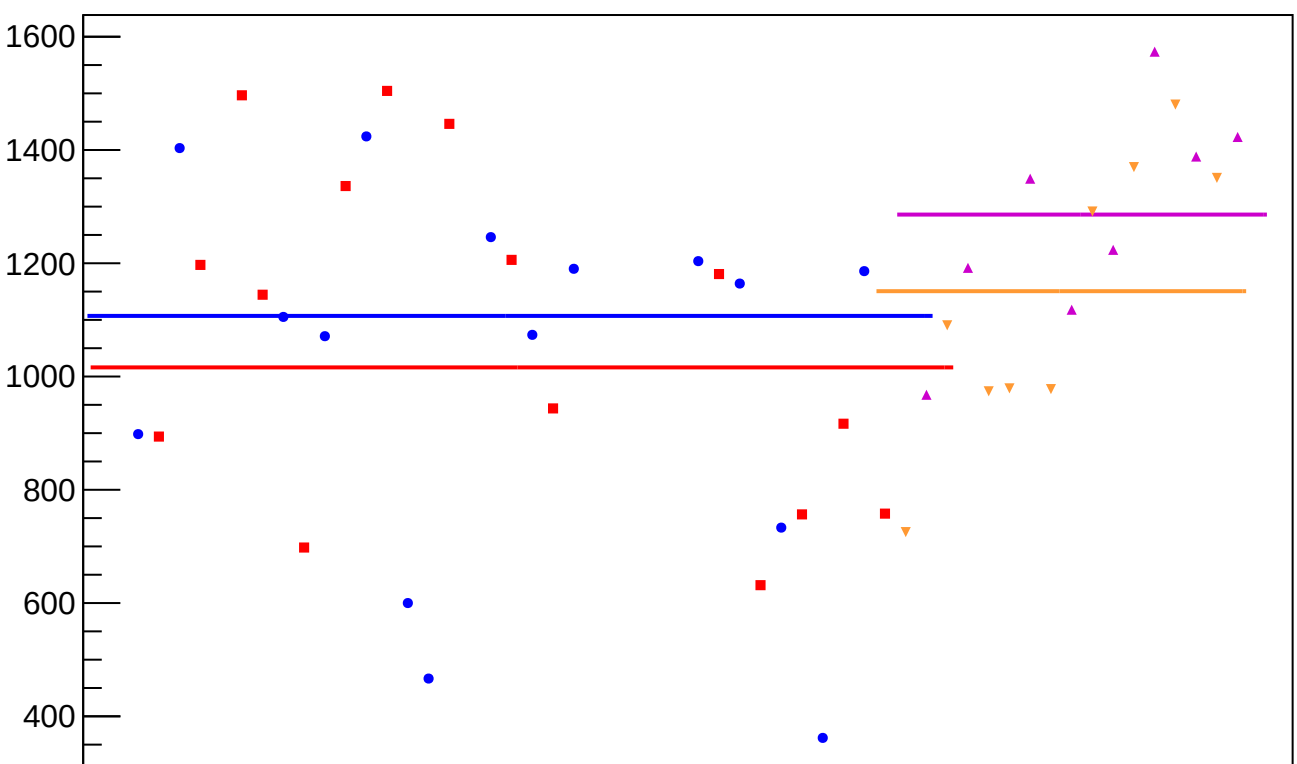
Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14
+ sign -41995.812+/-0.000 χ^2/NDF: 341797955679
Left Out: -33668.306+/-0.000 χ^2/NDF:190484292814194047436694131922365128376 32.0/8
All: -42979.465+/-0.000 χ^2/NDF: 712233927
Right Out: -51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15
- sign -43942.081+/-0.000 χ^2/NDF: 367895490634 6
Left In: -36350.643+/-0.000 χ^2/NDF:538214141119214947163109185999755175 5264.0/7

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14
+ sign 992.227+/-0.000 χ^2/NDF: 32709125464605
Left Out: 837.057+/-0.000 χ^2/NDF:4444184749484787055542658555955275366 4.0/8
All: 976.319+/-0.000 χ^2/NDF: 61169614166
Right Out: 1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
- sign 960.751+/-0.000 χ^2/NDF: 283940411001709
Left In: 804.713+/-0.000 χ^2/NDF:2367680391232973460362972605730888089 6.0/7

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

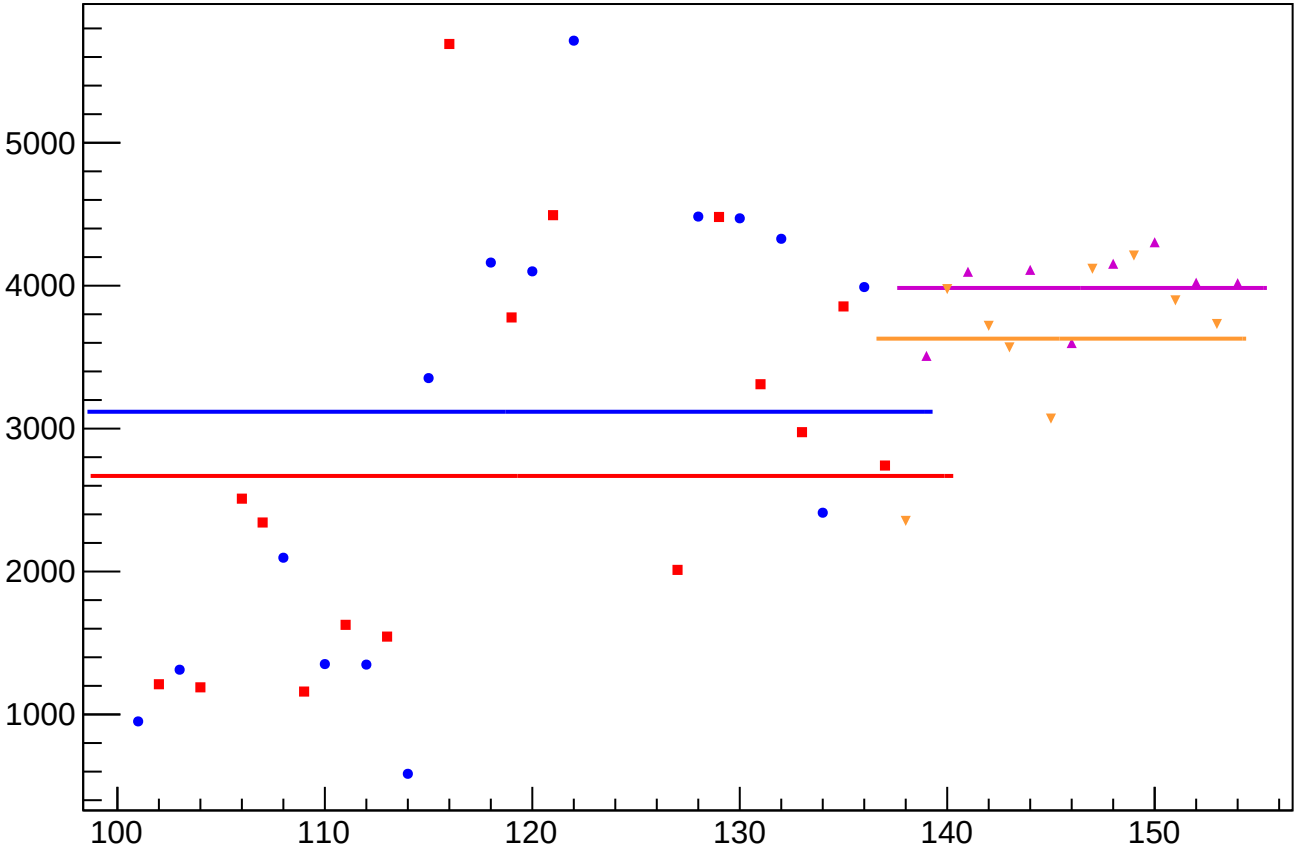
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1

All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5

- sign 1153.224+/-0.000 χ^2/NDF: 1193388092630 9

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

Left Out: 3629.425+/-0.000 χ^2/NDF:2161318833467398013520824039735054827 52.0/8

Right Out: 2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15

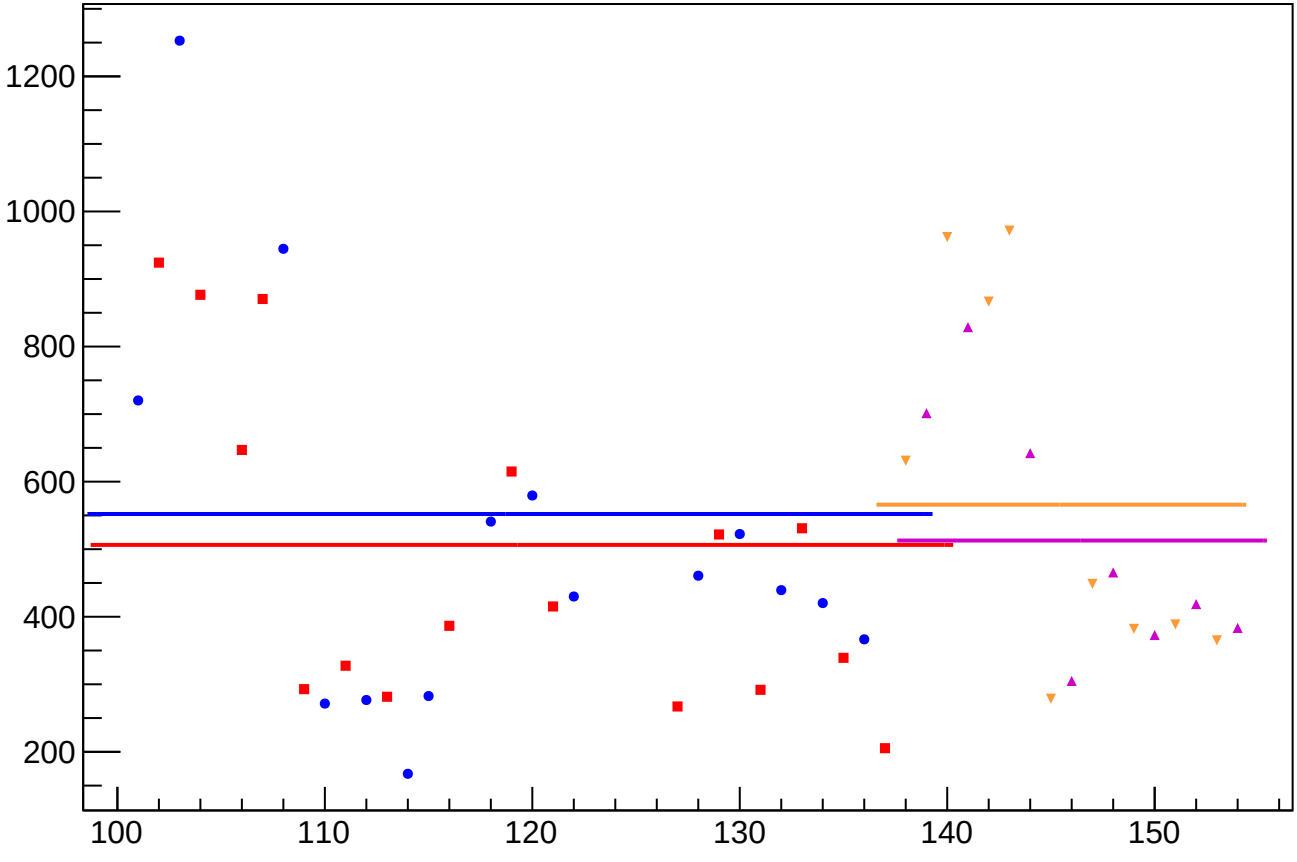
Left In: 3984.087+/-0.000 χ^2/NDF:4508825197315047325453076340285846 3232.0/7

+ sign 3379.259+/-0.000 χ^2/NDF: 1855629448867 0

All: 3357.957+/-0.000 χ^2/NDF: 3624629614 2

- sign 3337.111+/-0.000 χ^2/NDF: 1767808748757 0

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

+ sign 559.163+/-0.000 χ^2/NDF: 9563377986638 46

Left Out: 565.917+/-0.000 χ^2/NDF:448315134535819123548308184232844328 96.0/8

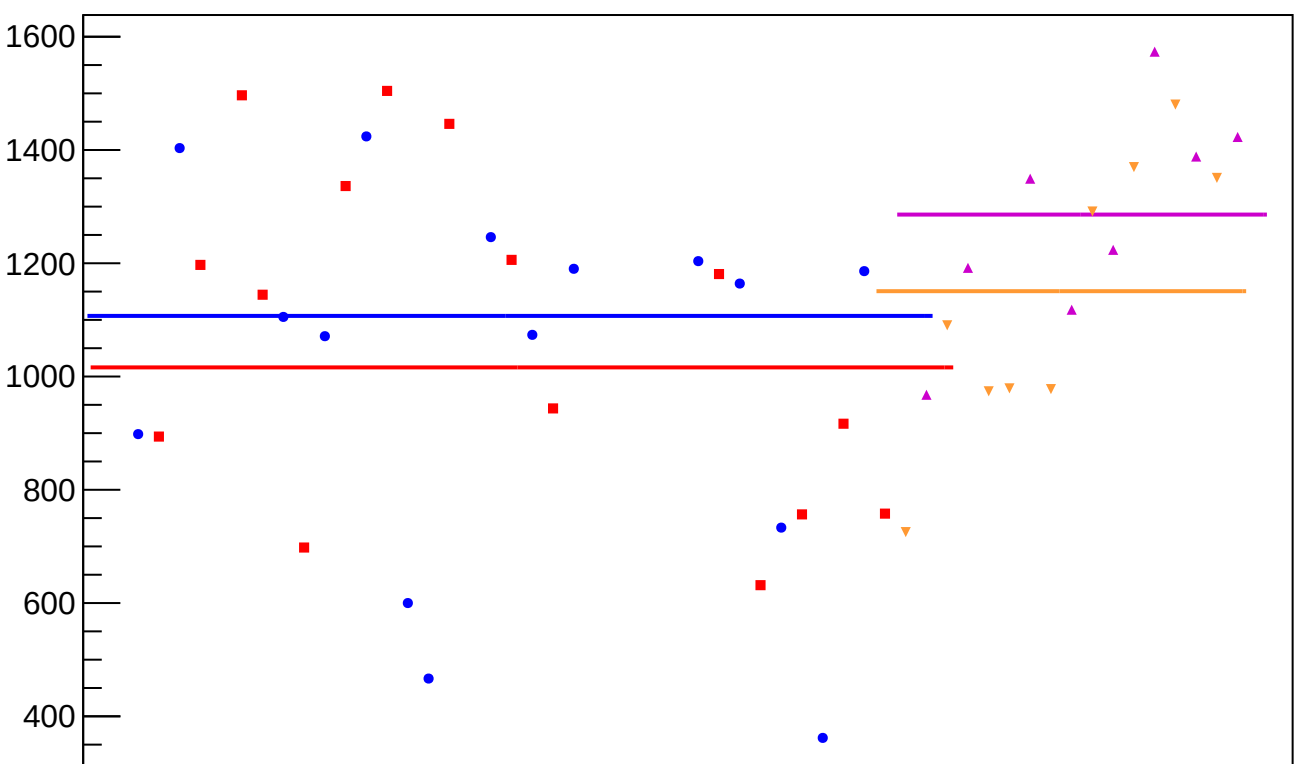
All: 534.137+/-0.000 χ^2/NDF: 15514089054 3

Right Out: 506.345+/-0.000 χ^2/NDF: 371816532973148835016591318060105728 00.0/15

- sign 509.646+/-0.000 χ^2/NDF: 578626351120177

Left In: 512.841+/-0.000 χ^2/NDF:206666825800758038429281181224497315 84.0/7

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

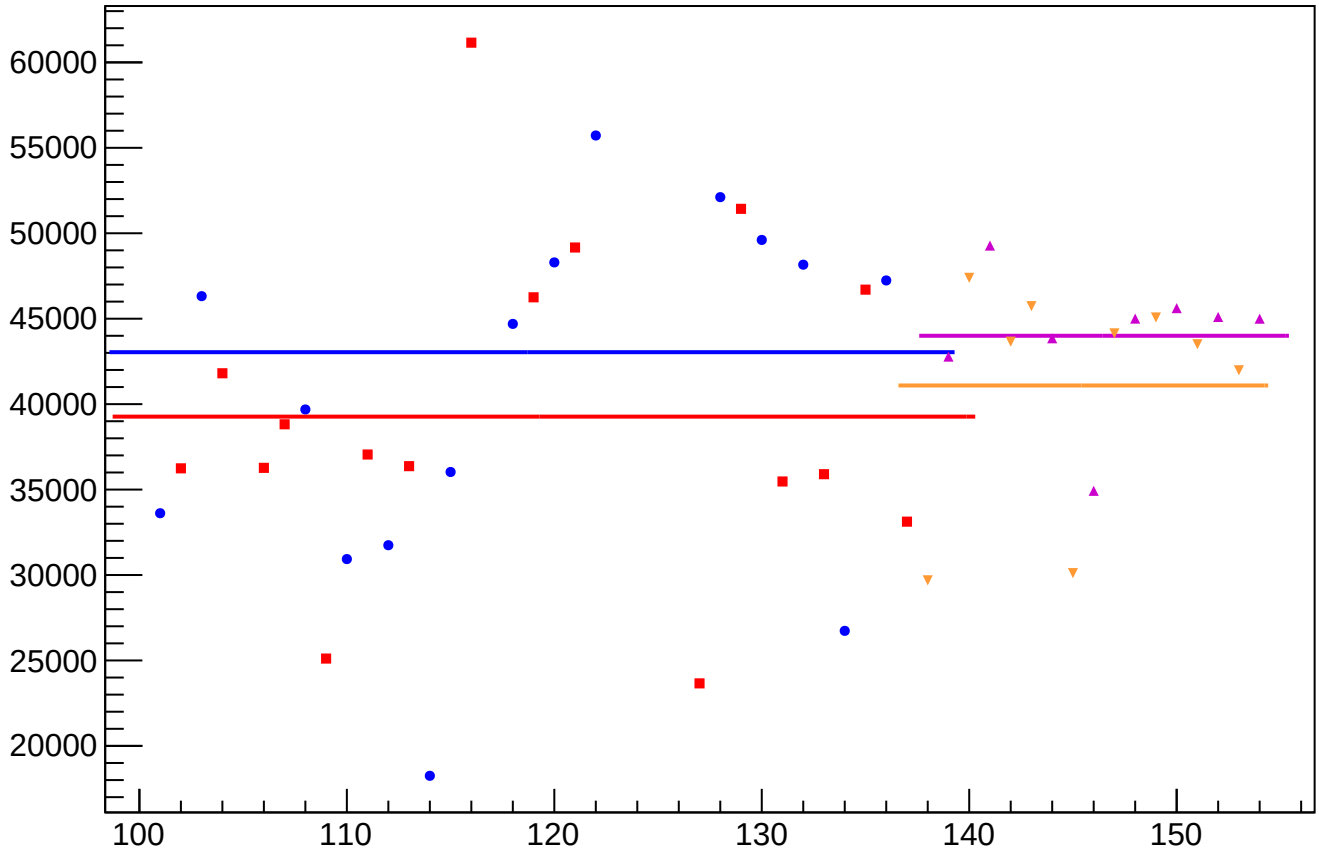
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1

All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5

- sign 1153.224+/-0.000 χ^2/NDF: 1193388092630 9

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF: 4839705292256172265266678640755217950310 4.0/14

+ sign 42044.901+/-0.000 χ^2/NDF: 7713777166955

Left Out: 41092.435+/-0.000 χ^2/NDF:2748308258679501392705013410313834122444 8.0/8

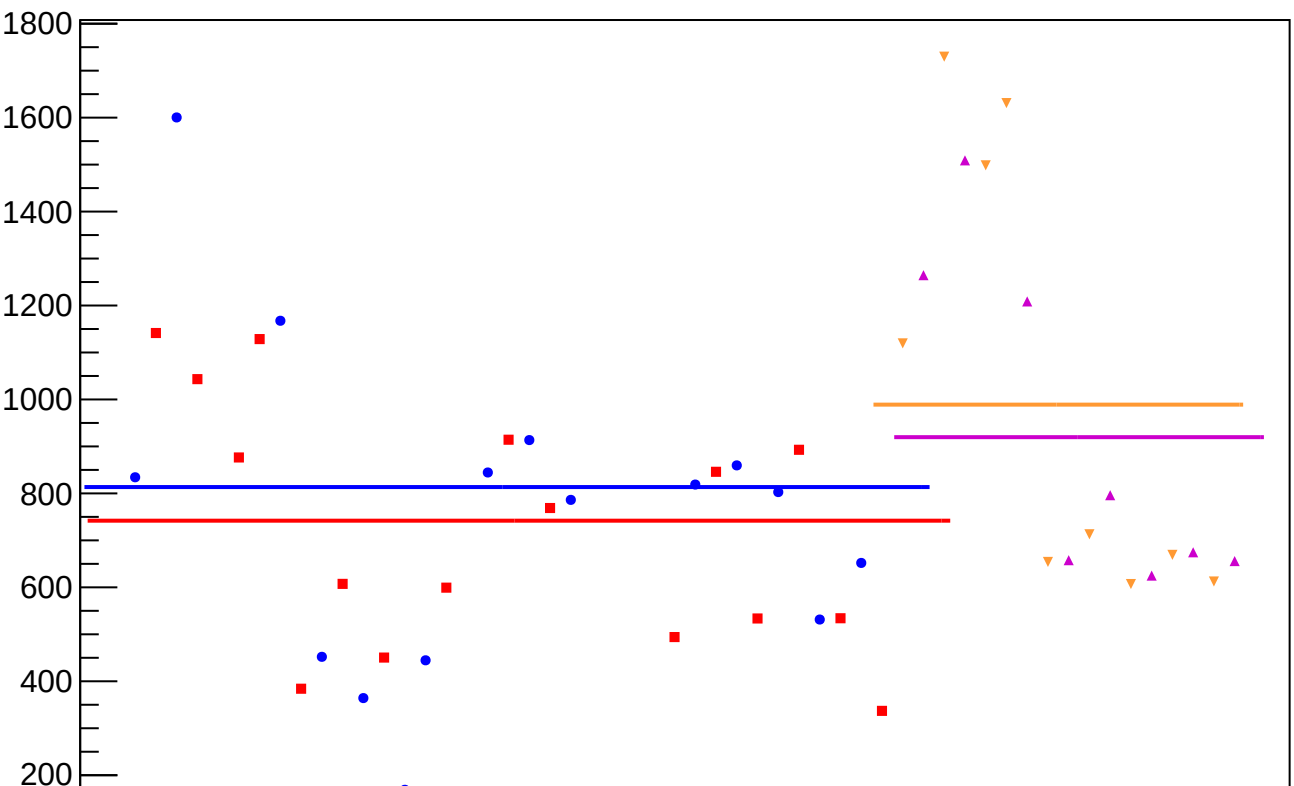
All: 41857.437+/-0.000 χ^2/NDF: 146532484 0

Right Out: 39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516736 0.0/15

- sign 41673.983+/-0.000 χ^2/NDF: 6930244135036

Left In: 44001.568+/-0.000 χ^2/NDF:9840764158912402166213707672804409737216.0/7

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Left Out: 988.982+/-0.000 χ^2/NDF:1330927261602870267216555070954510745 60.0/8

Right Out: 741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15

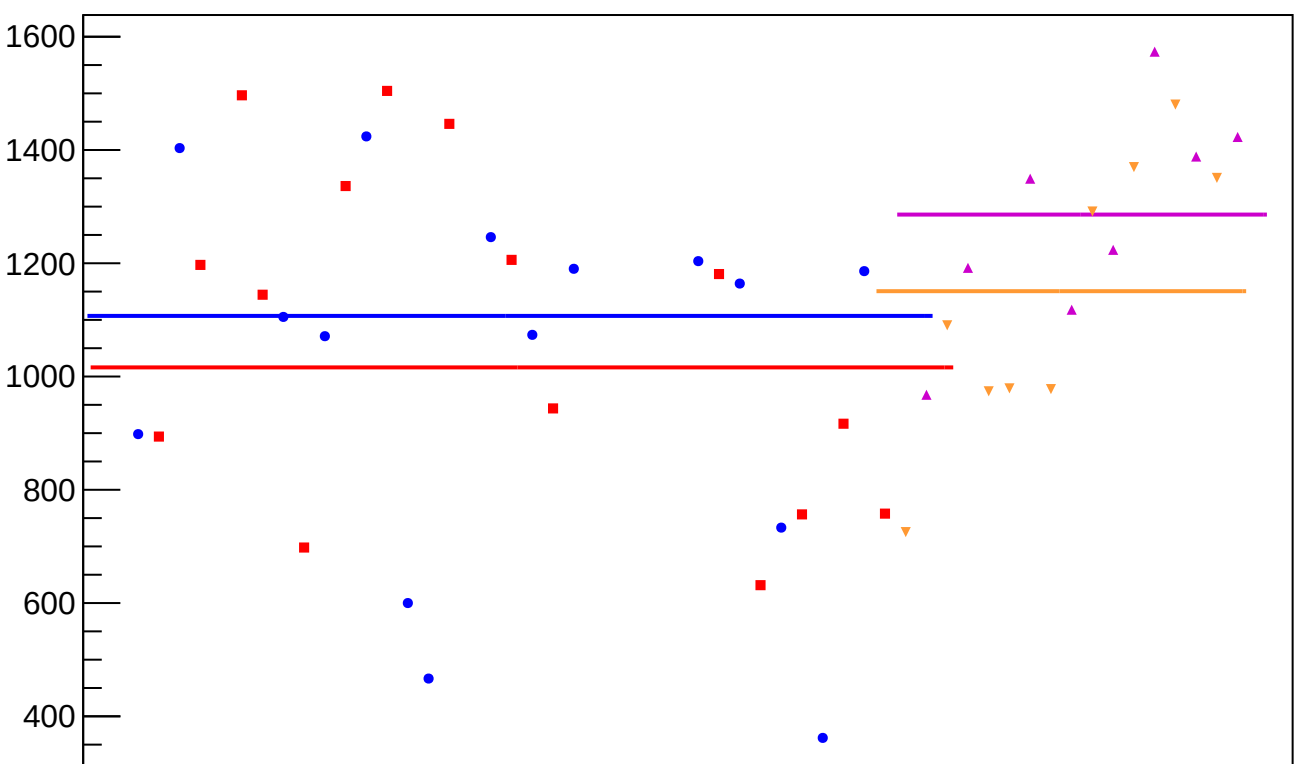
Left In: 919.726+/-0.000 χ^2/NDF:7289113896877366996347149223970052 5056.0/7

+ sign 903.159+/-0.000 χ^2/NDF: 2104246271180 51

All: 867.327+/-0.000 χ^2/NDF: 3414767557 41

- sign 832.261+/-0.000 χ^2/NDF: 1276810125313 33

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

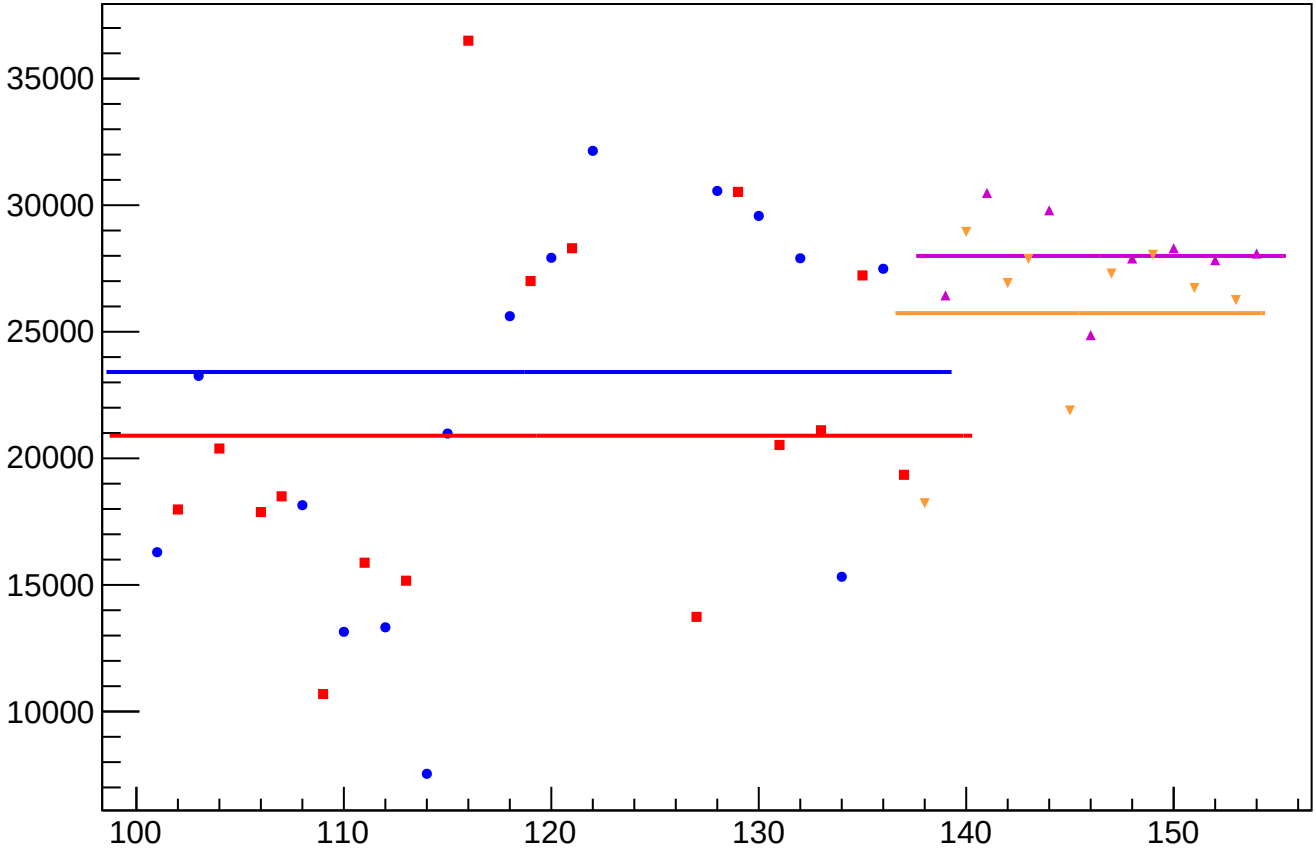
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1

All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5

- sign 1153.224+/-0.000 χ^2/NDF: 1193388092630 9

dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Left Out: 25736.080+/-0.000 χ^2/NDF:754588819186979203329131055743572430028 8.0/8

Right Out: 20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

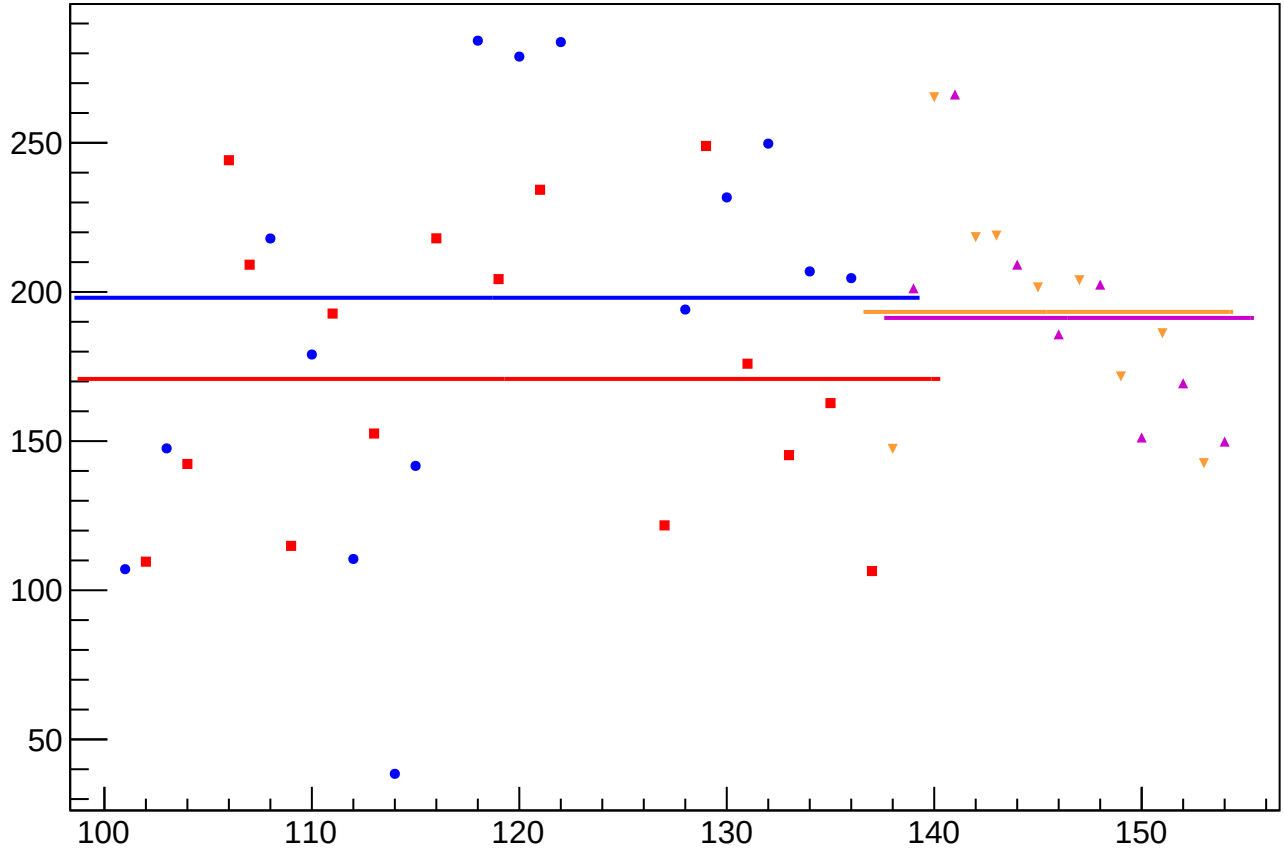
Left In: 27995.122+/-0.000 χ^2/NDF:183738424338131811053311673838279327744 0.0/7

+ sign 24599.194+/-0.000 χ^2/NDF: 37765148064 61

All: 24550.186+/-0.000 χ^2/NDF: 8410710986

- sign 24502.226+/-0.000 χ^2/NDF: 4633565565859

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Left Out: 193.313+/-0.000 χ^2/NDF:937903358678178262025527530281238528.0/8

Right Out: 170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

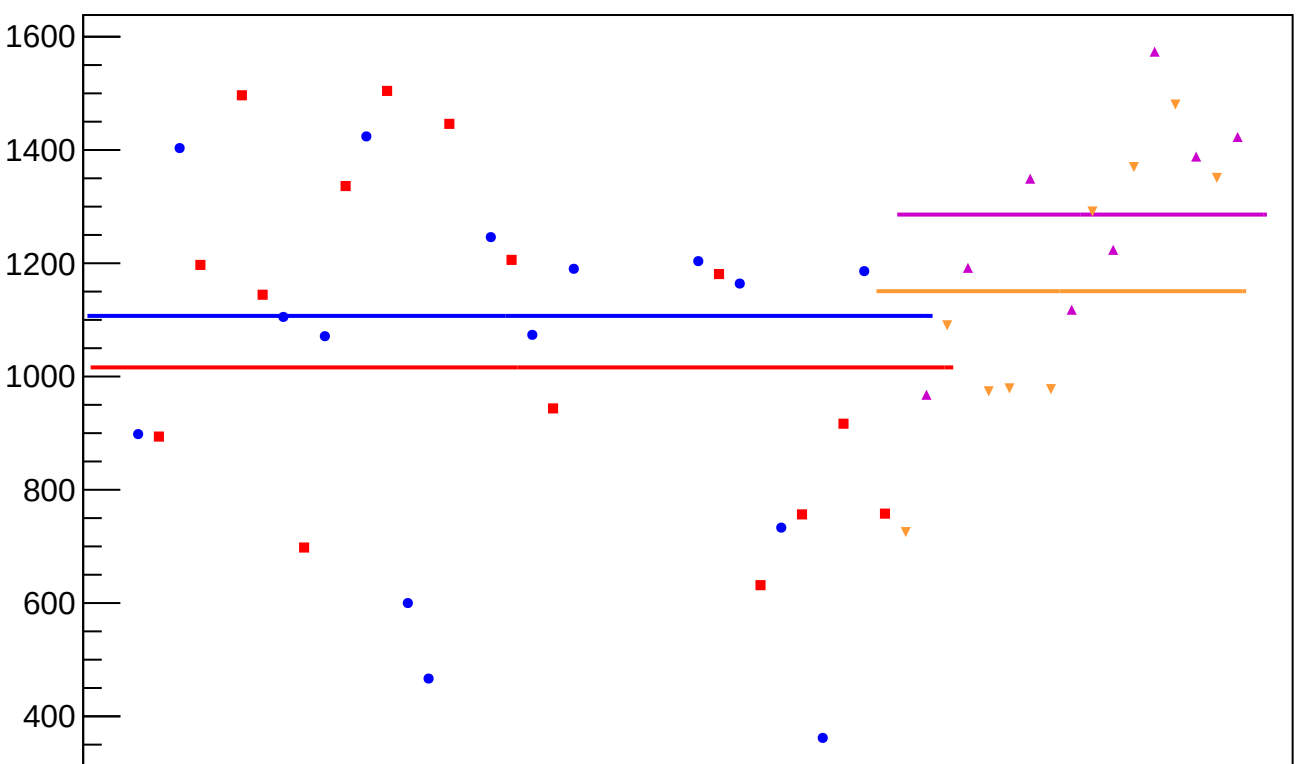
Left In: 191.298+/-0.000 χ^2/NDF:867237000139561822513043970994470912.0/7

+ sign 195.633+/-0.000 χ^2/NDF: 342829009014791

All: 188.359+/-0.000 χ^2/NDF: 599444194111

- sign 181.240+/-0.000 χ^2/NDF: 242723236735264

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

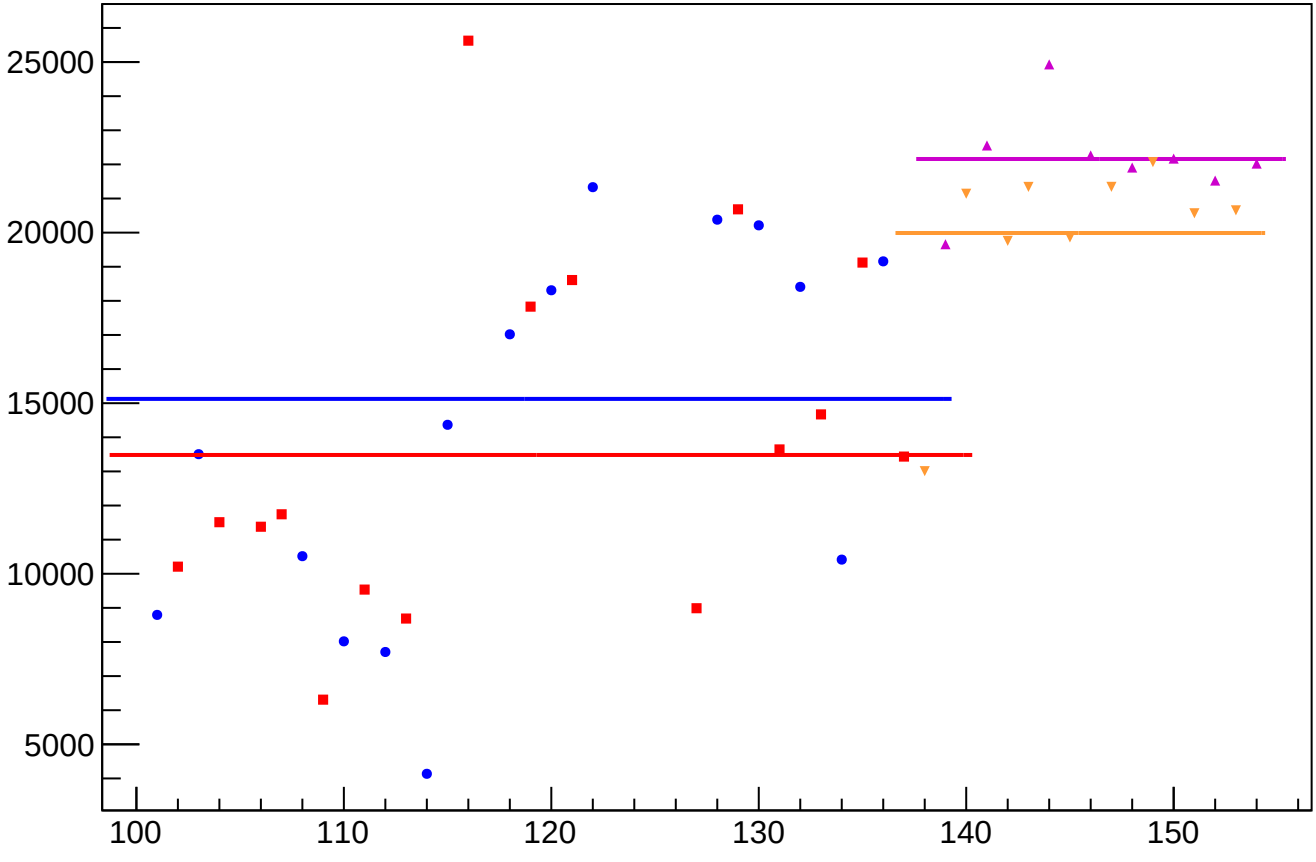
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1

All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5

- sign 1153.224+/-0.000 χ^2/NDF: 1193388092630 9

dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Left Out: 19989.268+/-0.000 χ^2/NDF:4605928002557207960914678127108084989952.0/8

Right Out: 13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

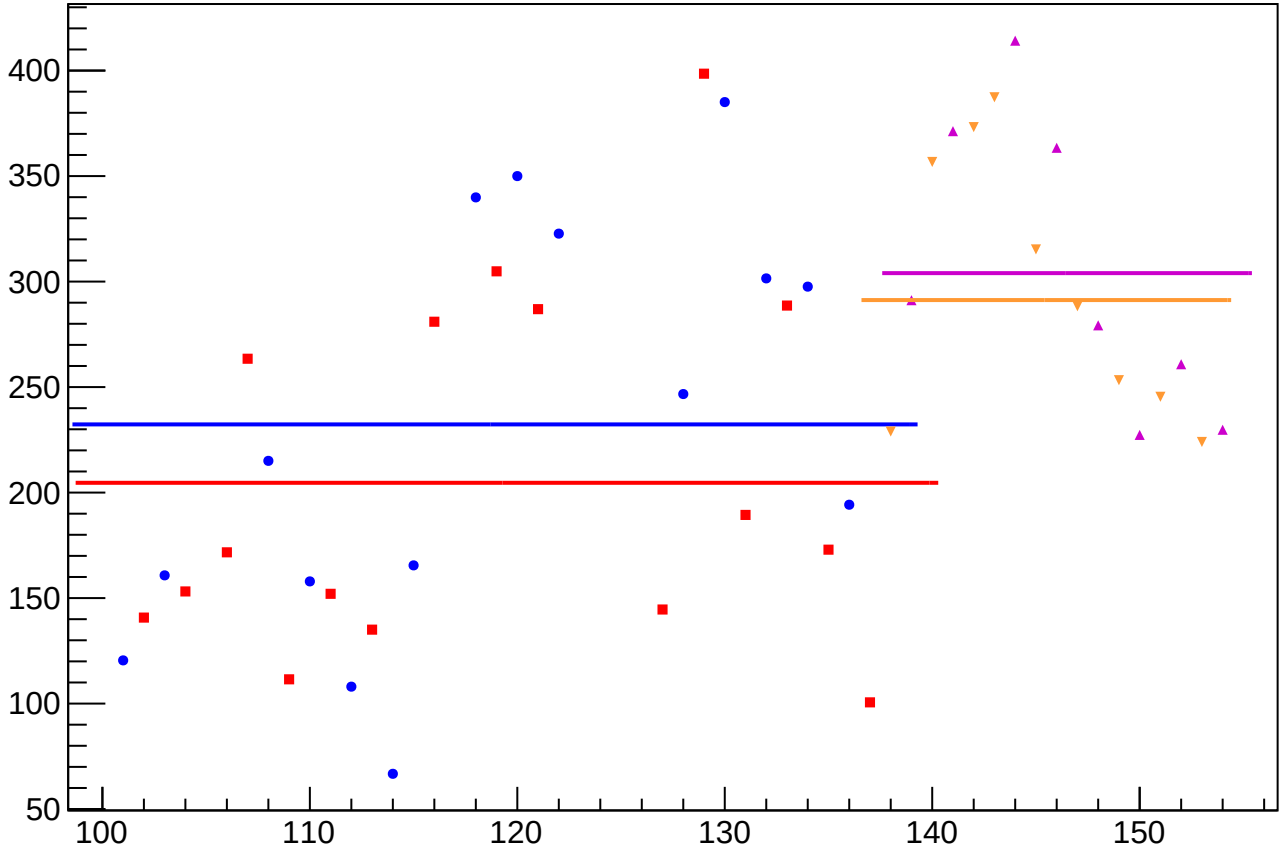
Left In: 22158.525+/-0.000 χ^2/NDF:1246098764052742054423026000695547396096.0/7

+ sign 17610.693+/-0.000 χ^2/NDF: 2906449923921

All: 17752.244+/-0.000 χ^2/NDF: 7178610435

- sign 17890.767+/-0.000 χ^2/NDF: 4266899664936

dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Left Out: 291.237+/-0.000 χ^2/NDF:2296490231165943956542944404754661376.0/8

Right Out: 204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

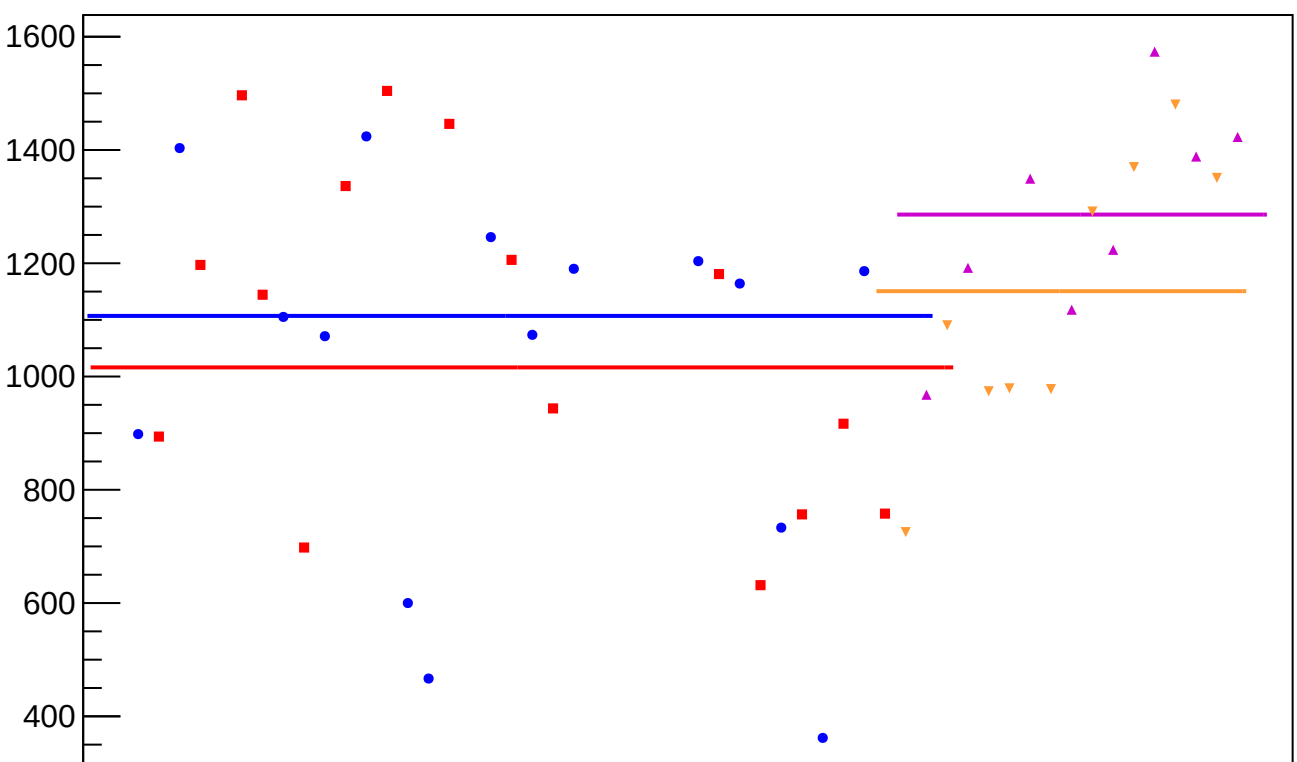
Left In: 304.005+/-0.000 χ^2/NDF:3010046132873450963648275297708539904.0/7

+ sign 262.419+/-0.000 χ^2/NDF: 892602174716007

All: 258.733+/-0.000 χ^2/NDF: 19873170107

- sign 255.127+/-0.000 χ^2/NDF: 109114898994065

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

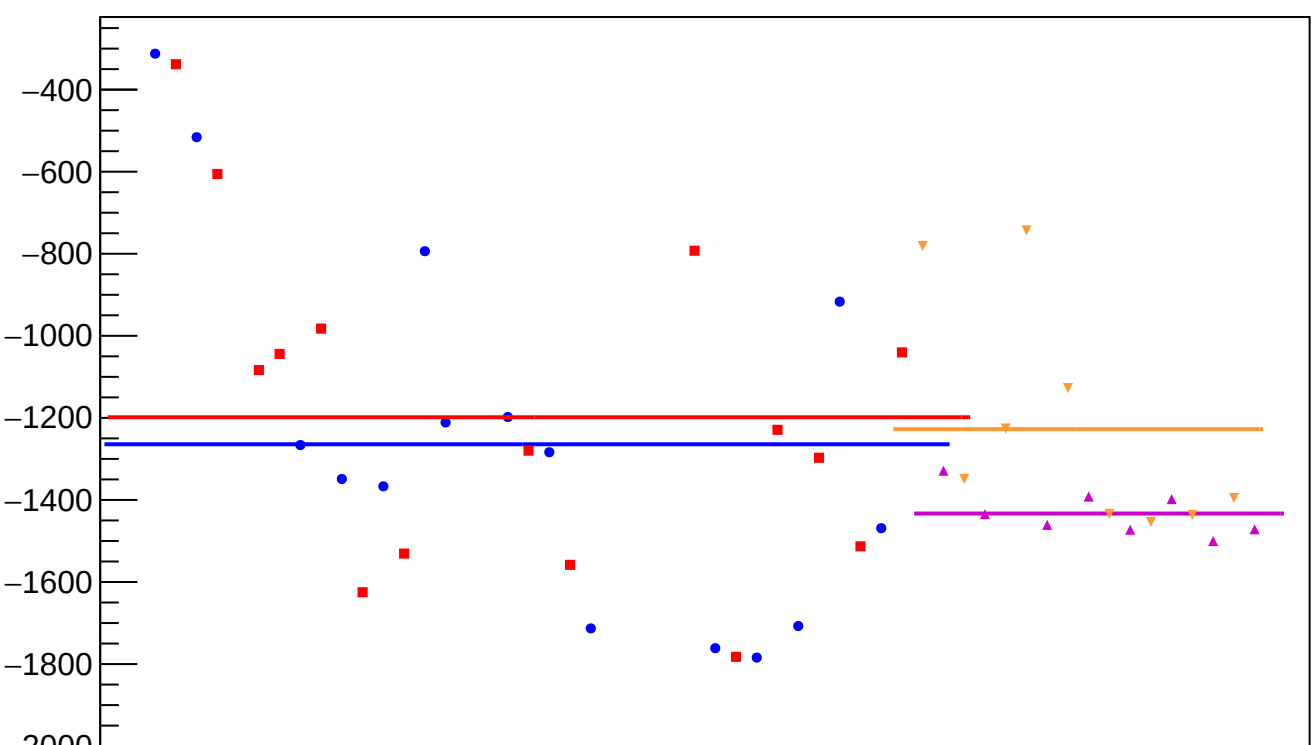
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1

All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5

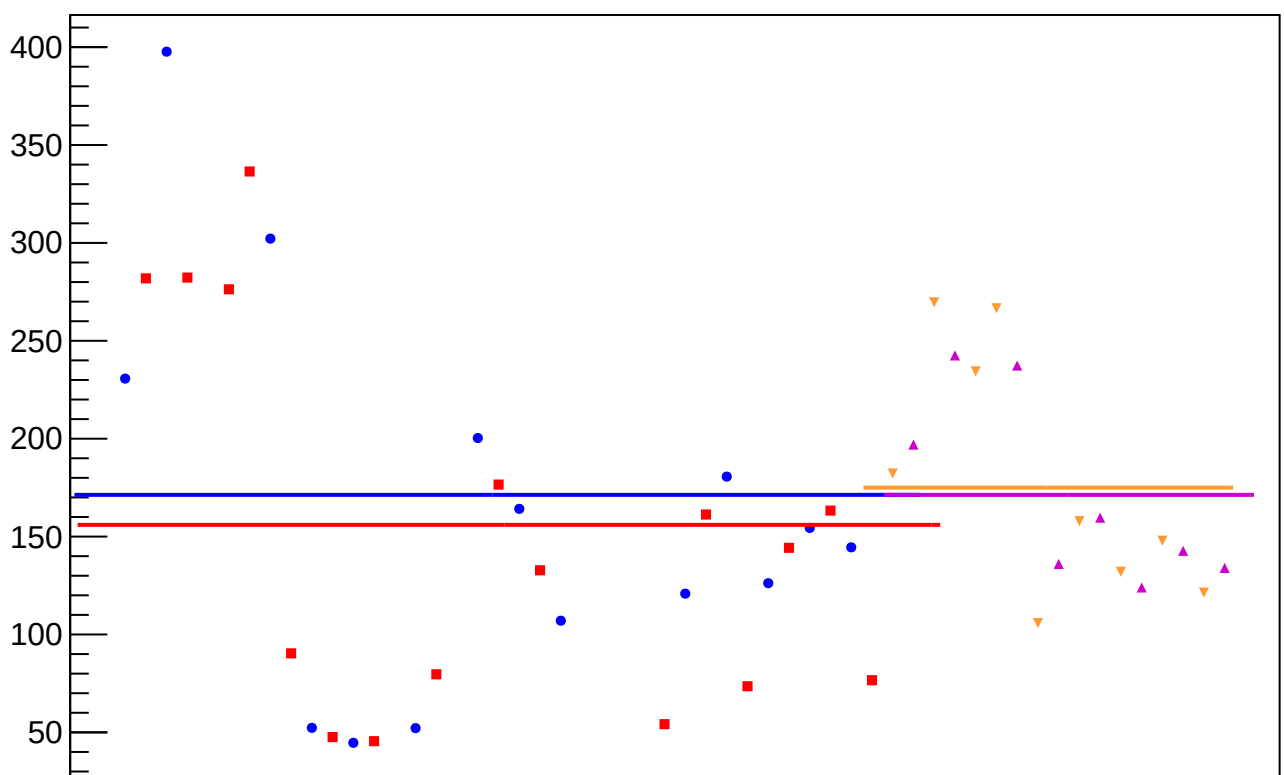
- sign 1153.224+/-0.000 χ^2/NDF: 1193388092630 9

dit_sam7_coil4_mean vs Slug



Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
+ sign -1245.448+/-0.000 χ^2/NDF: 1873510886282
Left Out: -1227.399+/-0.000 χ^2/NDF:4668426298082558067817557838683701 2480.0/8
All: -1281.973+/-0.000 χ^2/NDF: 3425375548
Right Out: -1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671 33184.0/15
- sign -1317.717+/-0.000 χ^2/NDF: 1516836454205 8
Left In: -1433.144+/-0.000 χ^2/NDF:1856615275060051006531629265289478 144.0/7

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

Left Out: 175.011+/-0.000 χ^2/NDF:232985553791135375602920181488576102 4.0/8

Right Out: 155.993+/-0.000 χ^2/NDF: 568065928150459585202152472724478361 6.0/15

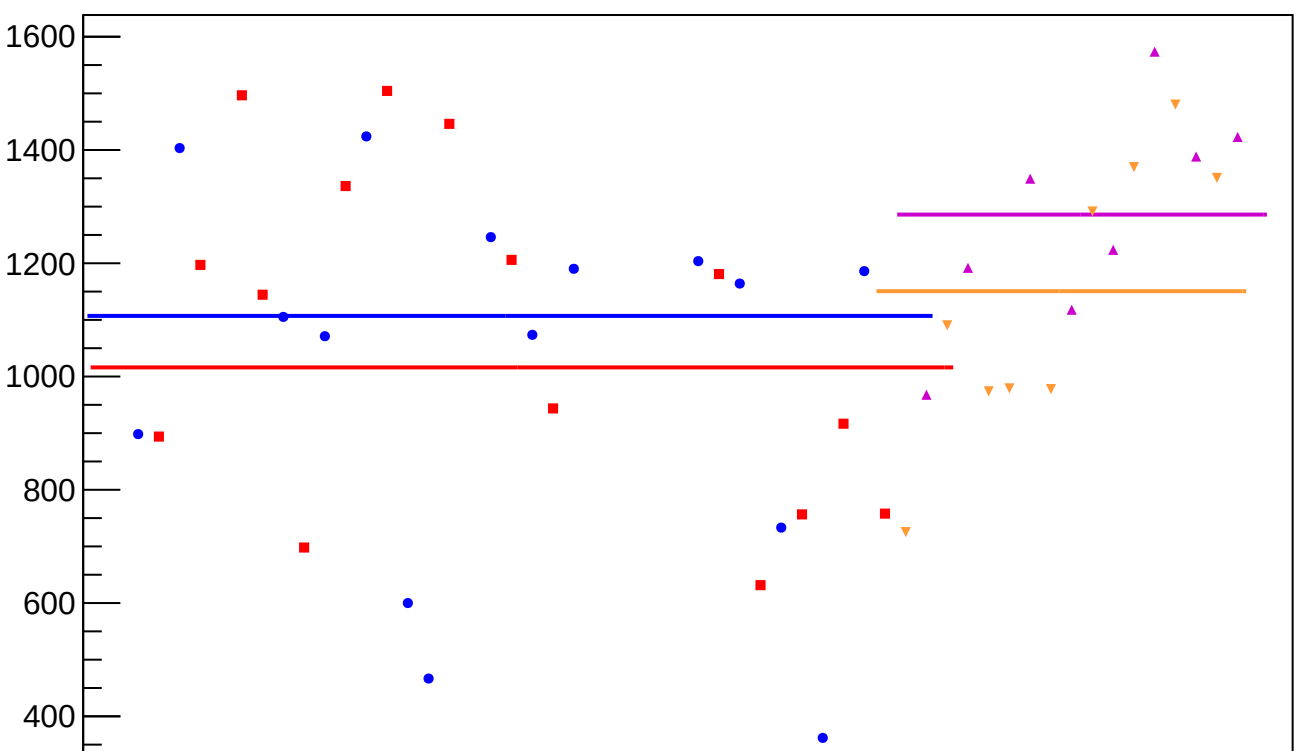
Left In: 171.305+/-0.000 χ^2/NDF:138621118213828703213587446016403046 4.0/7

+ sign 173.207+/-0.000 χ^2/NDF: 845534293945397

All: 168.439+/-0.000 χ^2/NDF: 15661358107 9

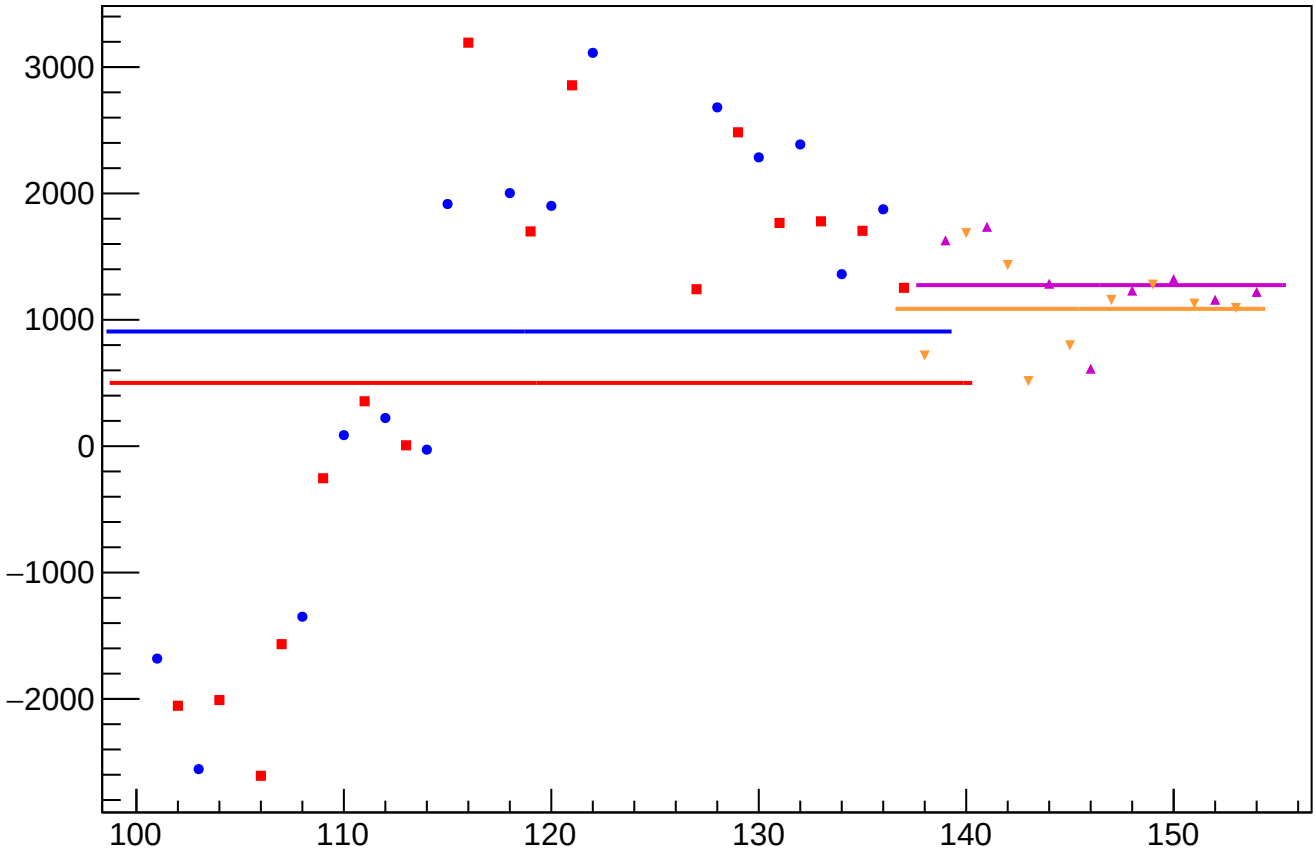
- sign 163.773+/-0.000 χ^2/NDF: 714632699700468

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14
+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1
Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8
All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5
Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15
- sign 1153.224+/-0.000 χ^2/NDF: 11933880926309
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

dit_sam8_coil4_mean vs Slug



Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Left Out: 1086.600+/-0.000 χ^2/NDF:7789667790919937426636450786852628070 4.0/8

Right Out: 500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

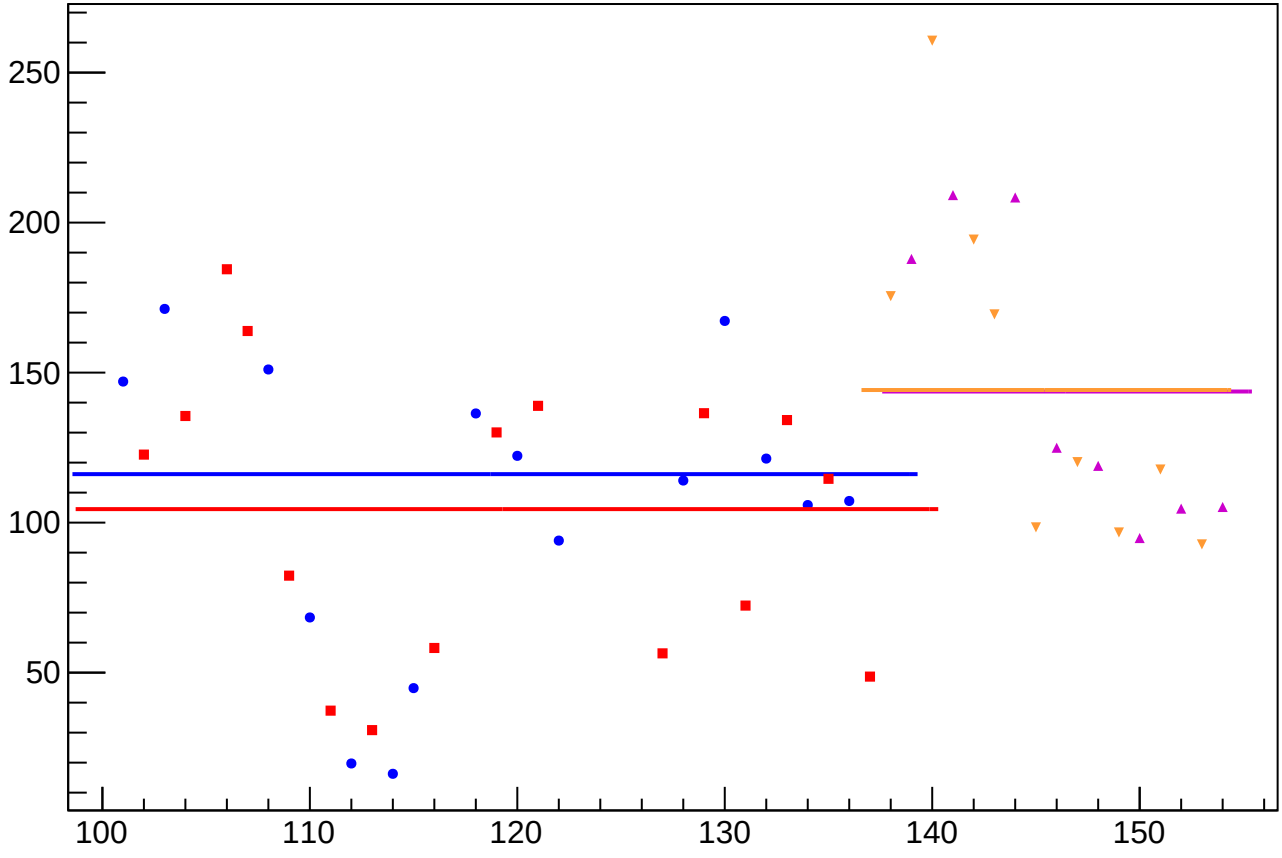
Left In: 1274.539+/-0.000 χ^2/NDF:6640001242717859748804748081547863 6544.0/7

+ sign 998.979+/-0.000 χ^2/NDF: 219577803169431

All: 945.867+/-0.000 χ^2/NDF: 45467721622 9

- sign 893.891+/-0.000 χ^2/NDF: 234358769628181

dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Left Out: 144.196+/-0.000 χ^2/NDF:2029601324705713536965664848484499456.0/8

Right Out: 104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

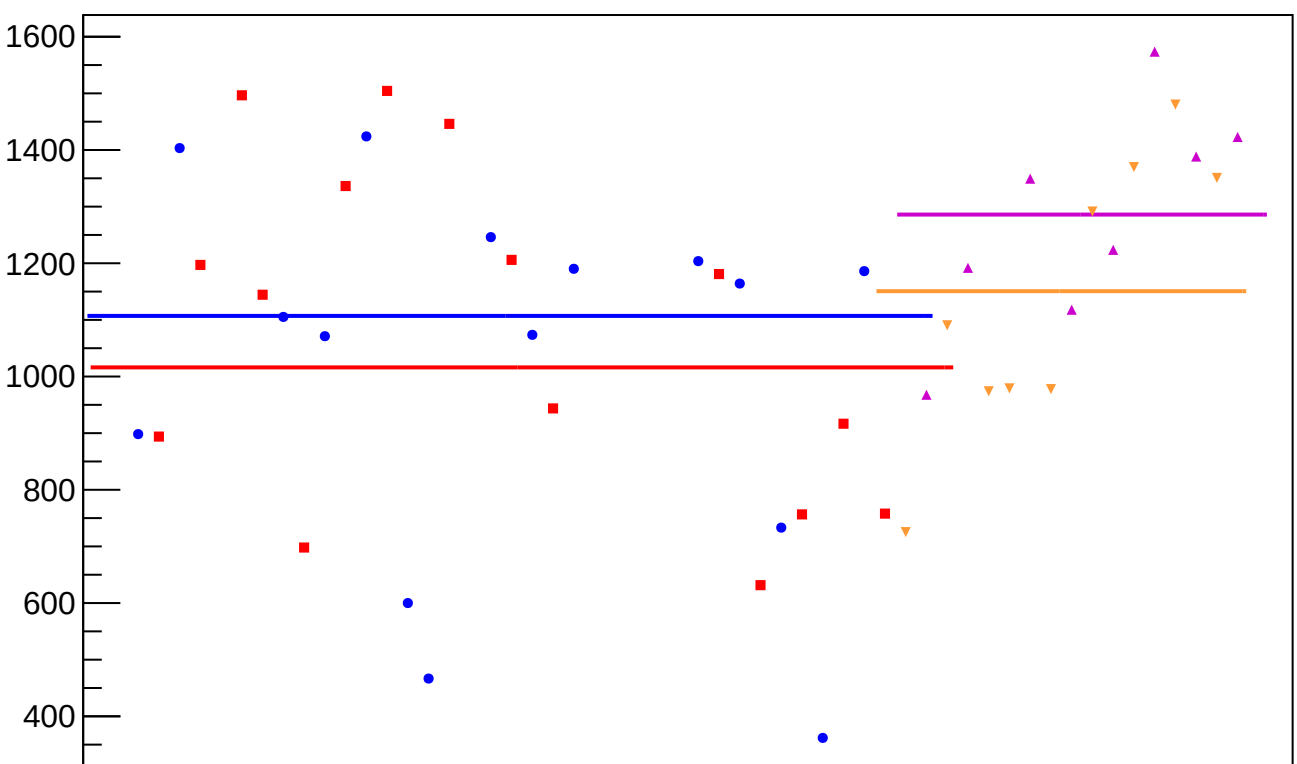
Left In: 143.700+/-0.000 χ^2/NDF:1457076061780516329125599731467157504.0/7

+ sign 130.484+/-0.000 χ^2/NDF: 348878786336694

All: 127.418+/-0.000 χ^2/NDF: 67772991919

- sign 124.418+/-0.000 χ^2/NDF: 326383409690807

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1150.698+/-0.000 χ^2/NDF:37586929183133584961001644800803340288.0/8

Right Out: 1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

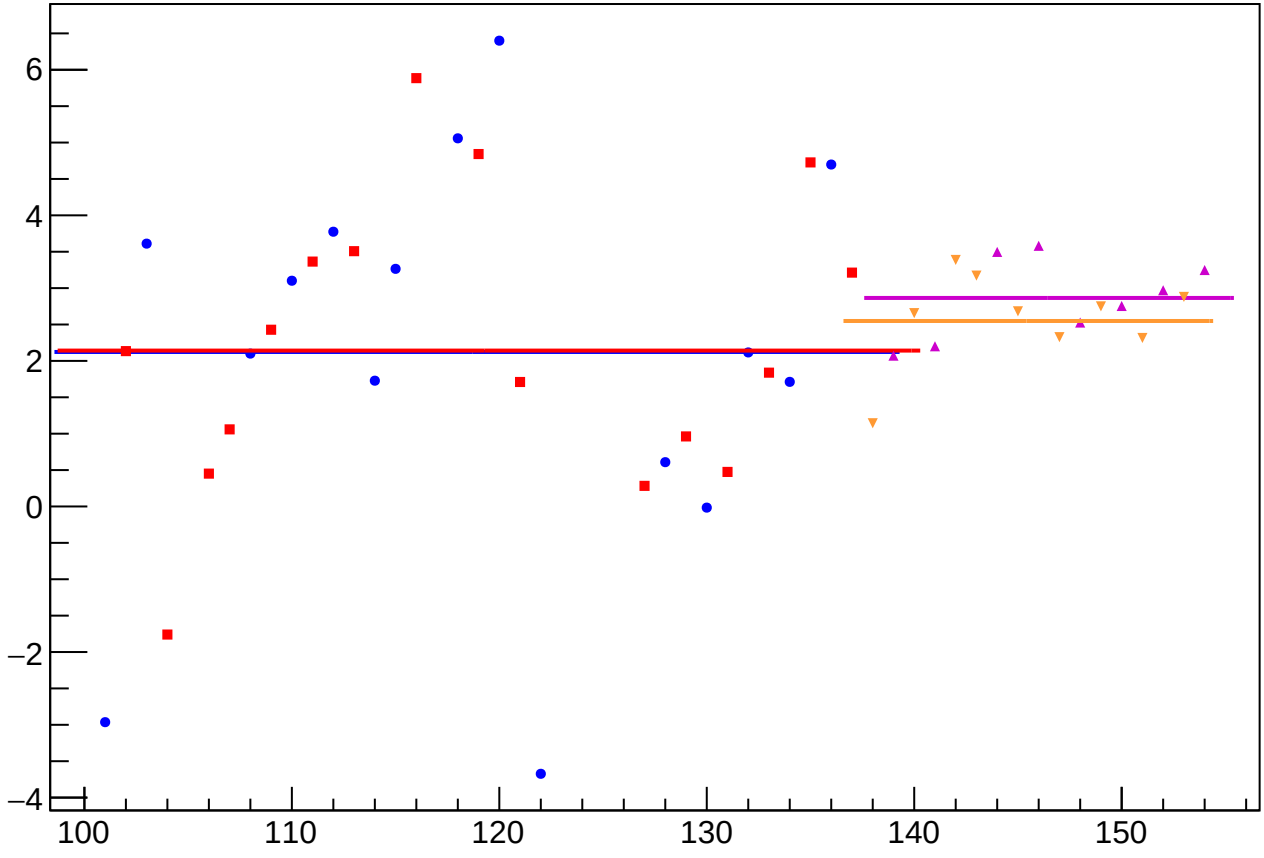
Left In: 1285.964+/-0.000 χ^2/NDF:2209066461814516466189017040311602 3808.0/7

+ sign 1129.352+/-0.000 χ^2/NDF: 7885241238852 1

All: 1141.417+/-0.000 χ^2/NDF: 1985734274 5

- sign 1153.224+/-0.000 χ^2/NDF: 1193388092630 9

dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

Left Out: 2.548+/-0.000 χ^2/NDF:235526915906166694733808010264576.0/8

Right Out: 2.142+/-0.000 χ^2/NDF: 247294994099367246616169225702604 8.0/15

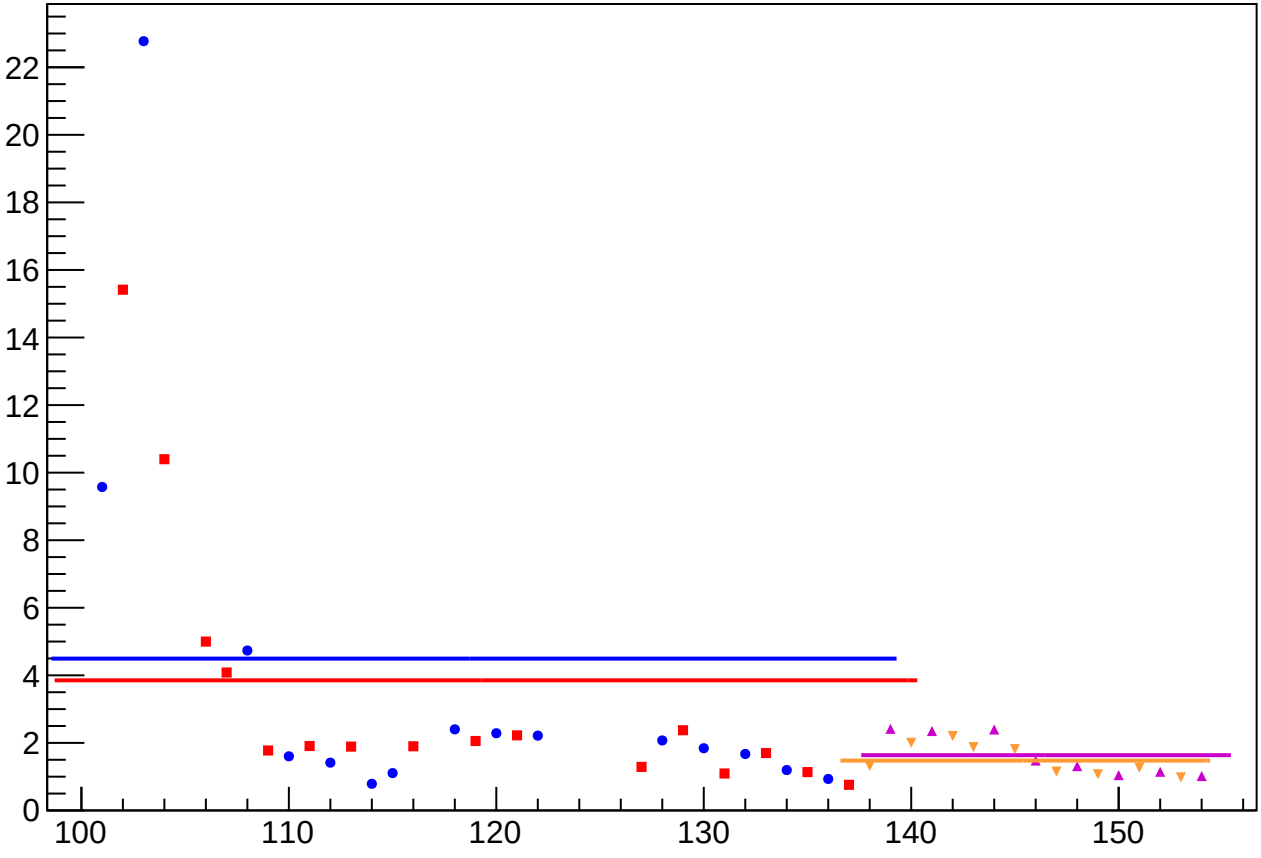
Left In: 2.865+/-0.000 χ^2/NDF:191411295752764839570825682092032.0/7

+ sign 2.340+/-0.000 χ^2/NDF: 5559310297494273 6

All: 2.426+/-0.000 χ^2/NDF: 8420124660389 5

- sign 2.509+/-0.000 χ^2/NDF: 2841669019565476 5

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495+/-0.000 χ^2/NDF: 2527024221981606153232919863440179 2.0/14

+ sign 2.953+/-0.000 χ^2/NDF: 2840695663824664 5

Left Out: 1.476+/-0.000 χ^2/NDF:1151800707217053043766362059571 20.0/8

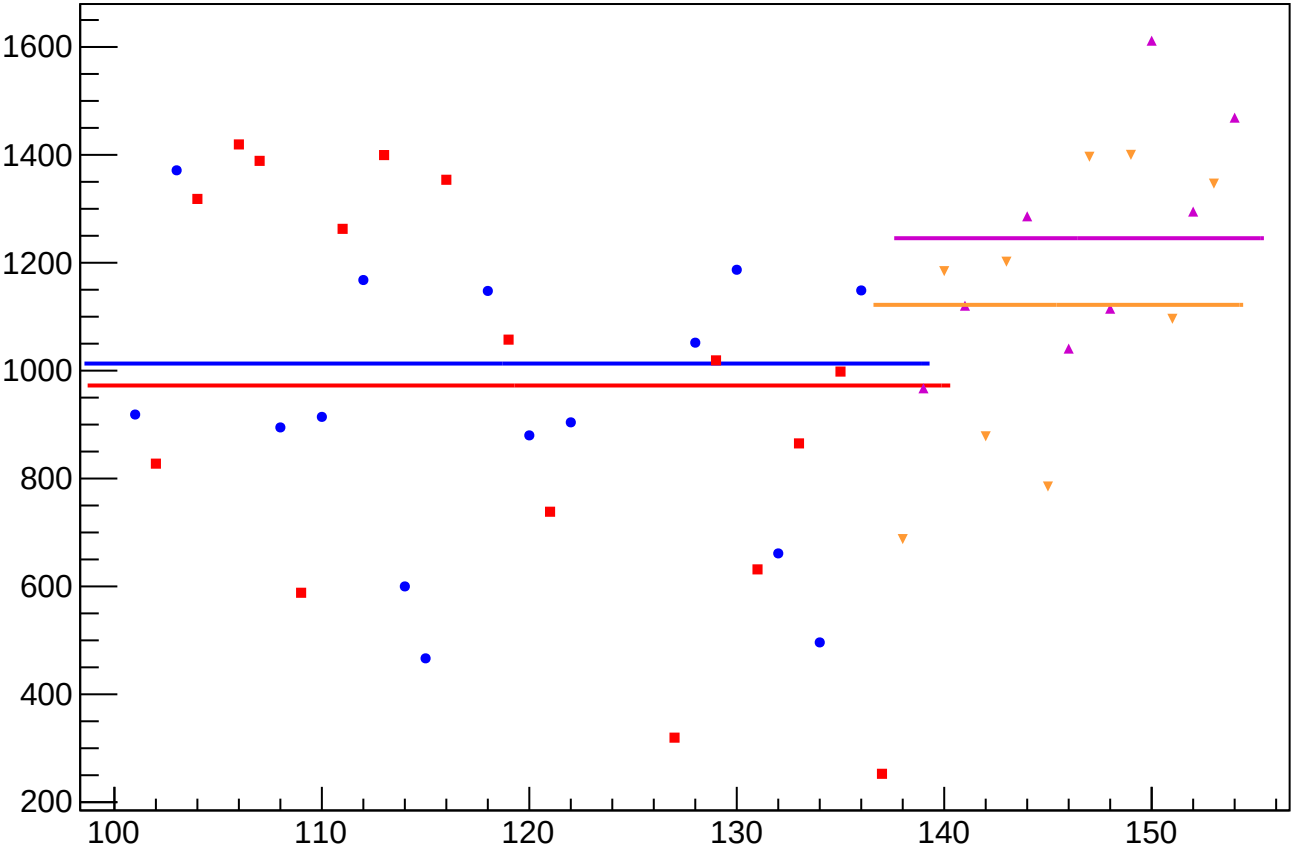
All: 2.838+/-0.000 χ^2/NDF: 4266168494420 3

Right Out: 3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

- sign 2.727+/-0.000 χ^2/NDF: 1422041781176281 5

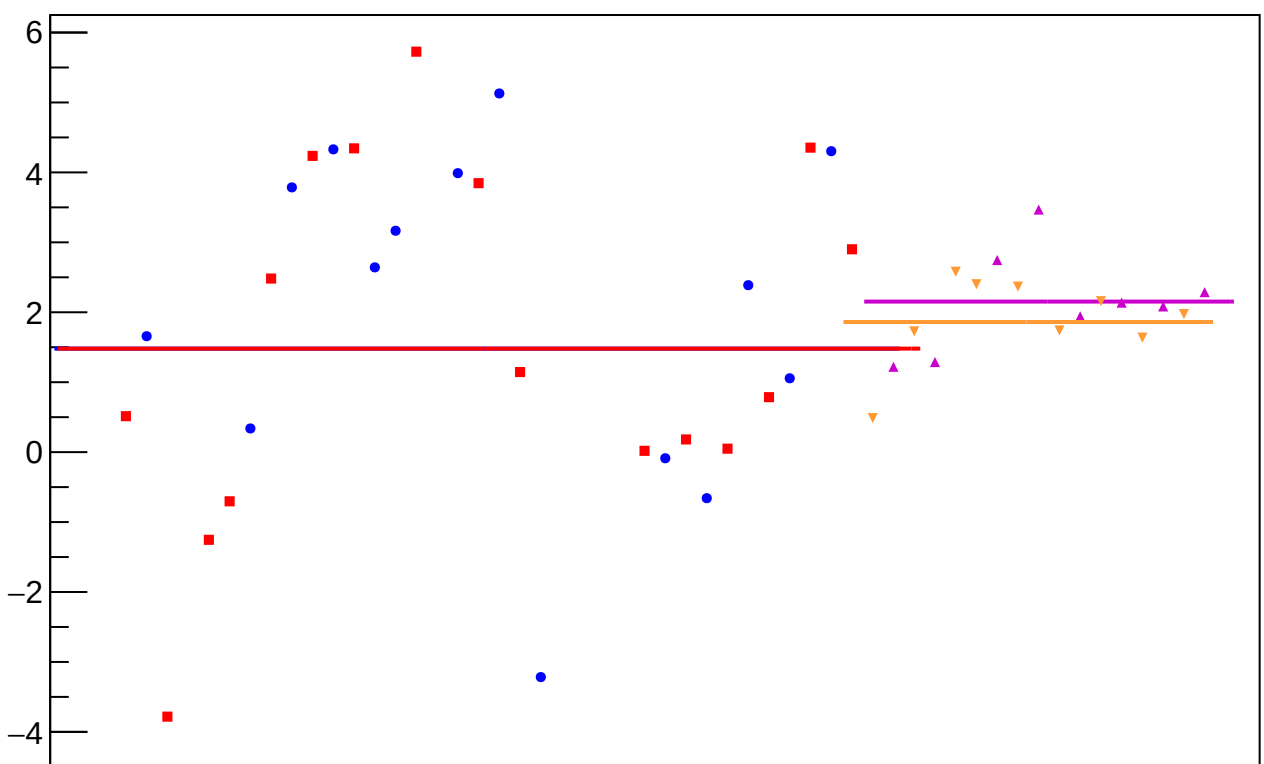
Left In: 1.637+/-0.000 χ^2/NDF:2418515056115193927518981046927 36.0/7

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:2951762920230562989583528029476356 0960.0/7

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Left Out: 1.861+/-0.000 χ^2/NDF:2263425428567130480956497314447 36.0/8

Right Out: 1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

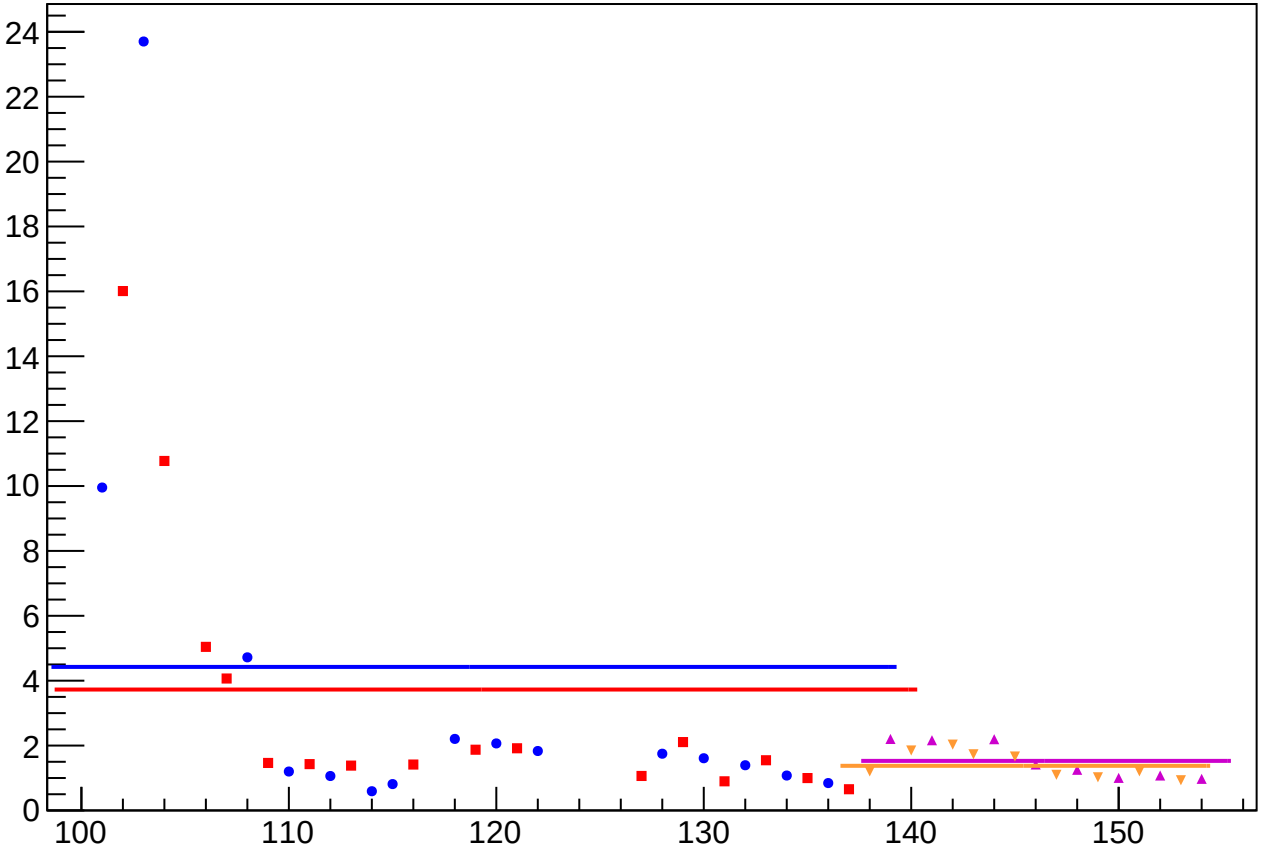
Left In: 2.153+/-0.000 χ^2/NDF:3147384293421172036278310571868 16.0/7

+ sign 1.675+/-0.000 χ^2/NDF: 6074118528216831 7

All: 1.749+/-0.000 χ^2/NDF: 1064935788124 5

- sign 1.822+/-0.000 χ^2/NDF: 4560673130441106 2

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

+ sign 2.867+/-0.000 χ^2/NDF: 3142993757412249 1

Left Out: 1.376+/-0.000 χ^2/NDF:910023182499721655496104015298 56.0/8

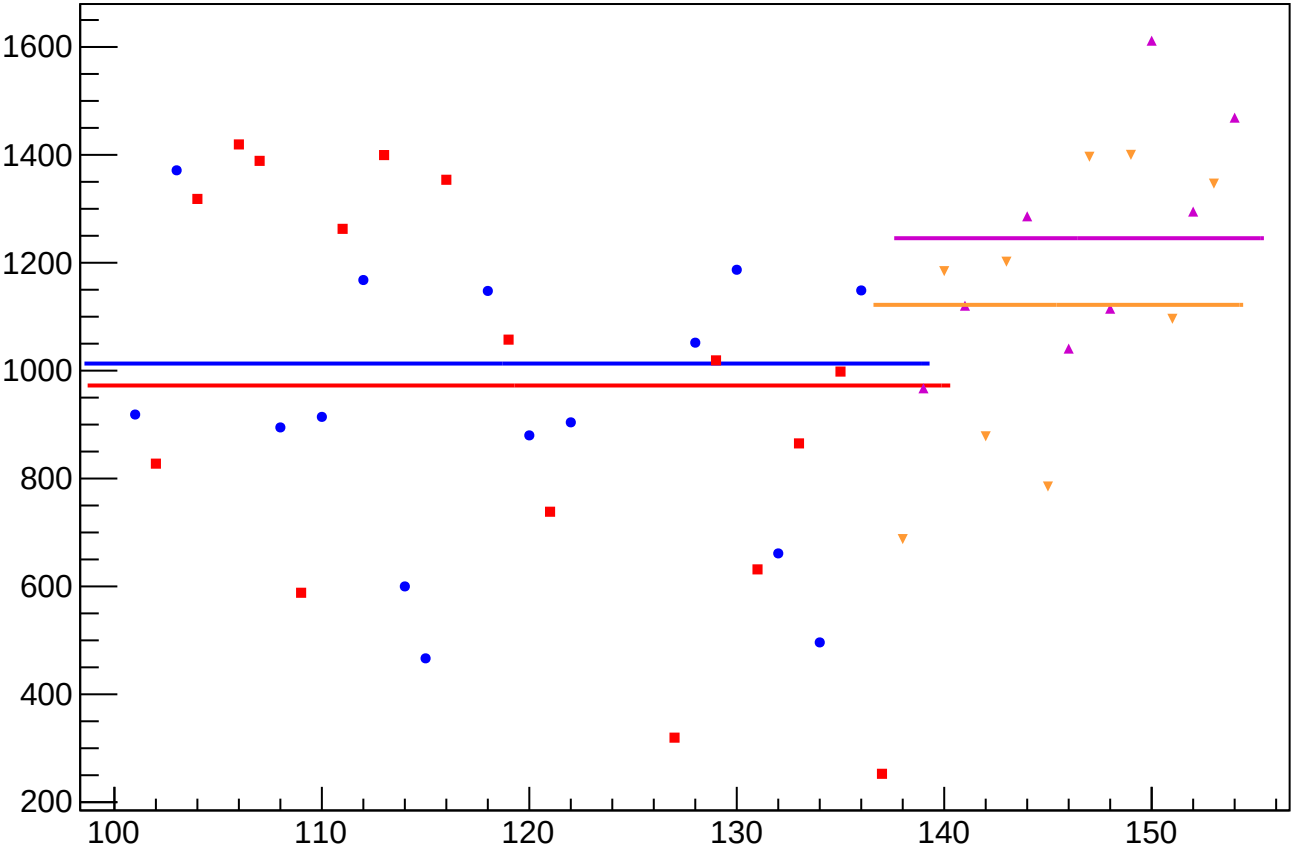
All: 2.737+/-0.000 χ^2/NDF: 4729335556290 1

Right Out: 3.727+/-0.000 χ^2/NDF: 139918168147498425197942848534609 92.0/15

- sign 2.610+/-0.000 χ^2/NDF: 1581905115449682 5

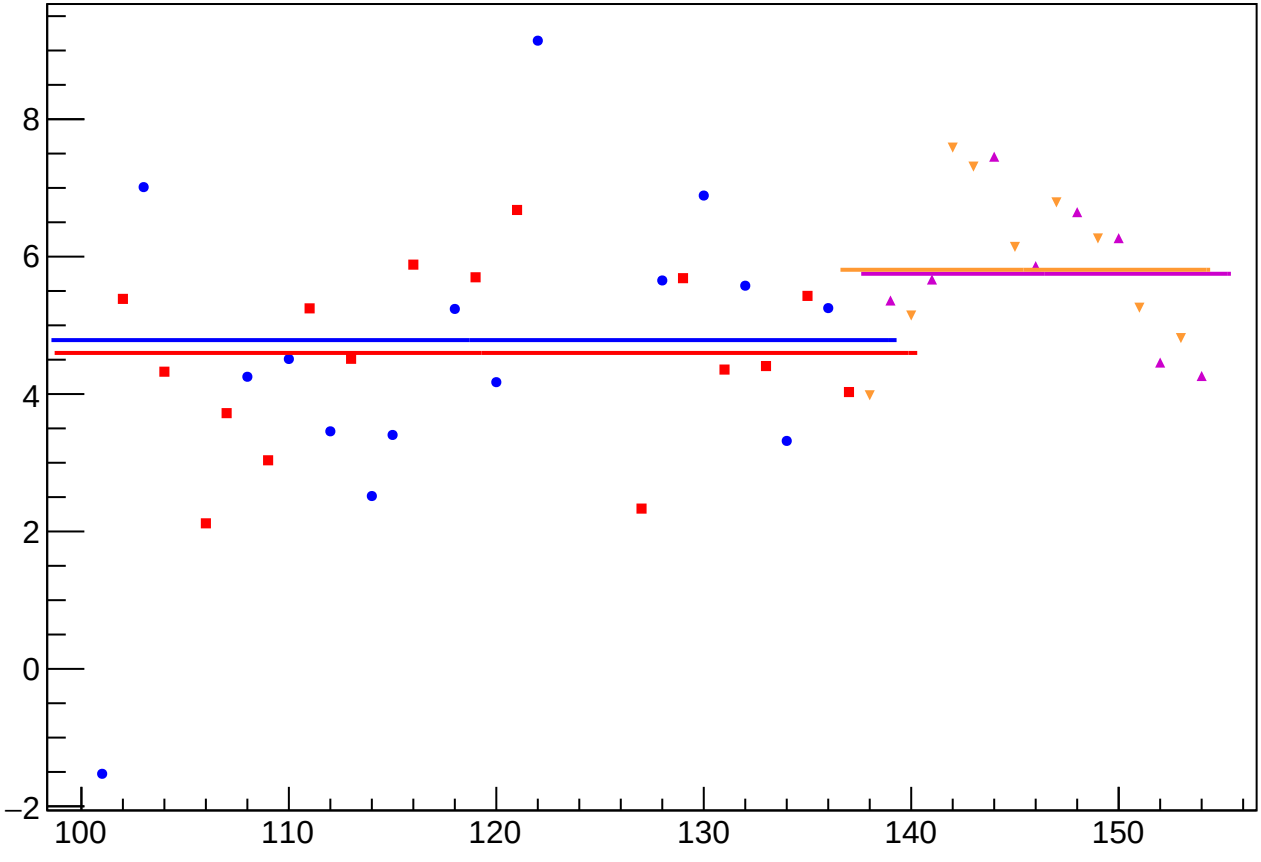
Left In: 1.528+/-0.000 χ^2/NDF:188413553543029346055173401739264.0/7

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:2951762920230562989583528029476356 0960.0/7

dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF: 39965560731547797118081594703216 64.0/14

Left Out: 5.809+/-0.000 χ^2/NDF:802095910808286187470698657611776.0/8

Right Out: 4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832.0/15

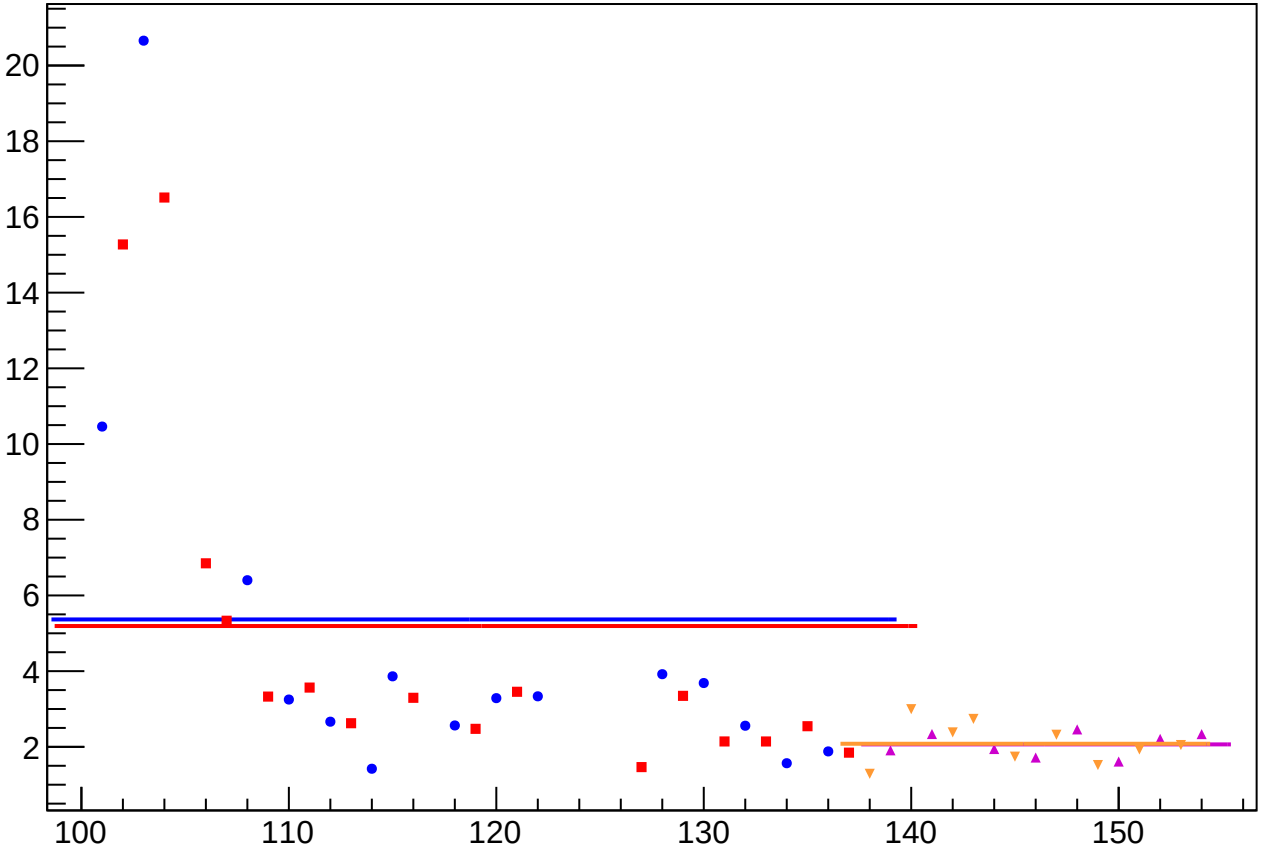
Left In: 5.751+/-0.000 χ^2/NDF:706679513832613977517502001840128.0/7

+ sign 5.308+/-0.000 χ^2/NDF: 5146188630834130 1

All: 5.245+/-0.000 χ^2/NDF: 7302806802579 6

- sign 5.184+/-0.000 χ^2/NDF: 2146243421944106 5

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

+ sign 3.688+/-0.000 χ^2/NDF: 2255019129322425 5

Left Out: 2.082+/-0.000 χ^2/NDF:192834906769967902242651848572928.0/8

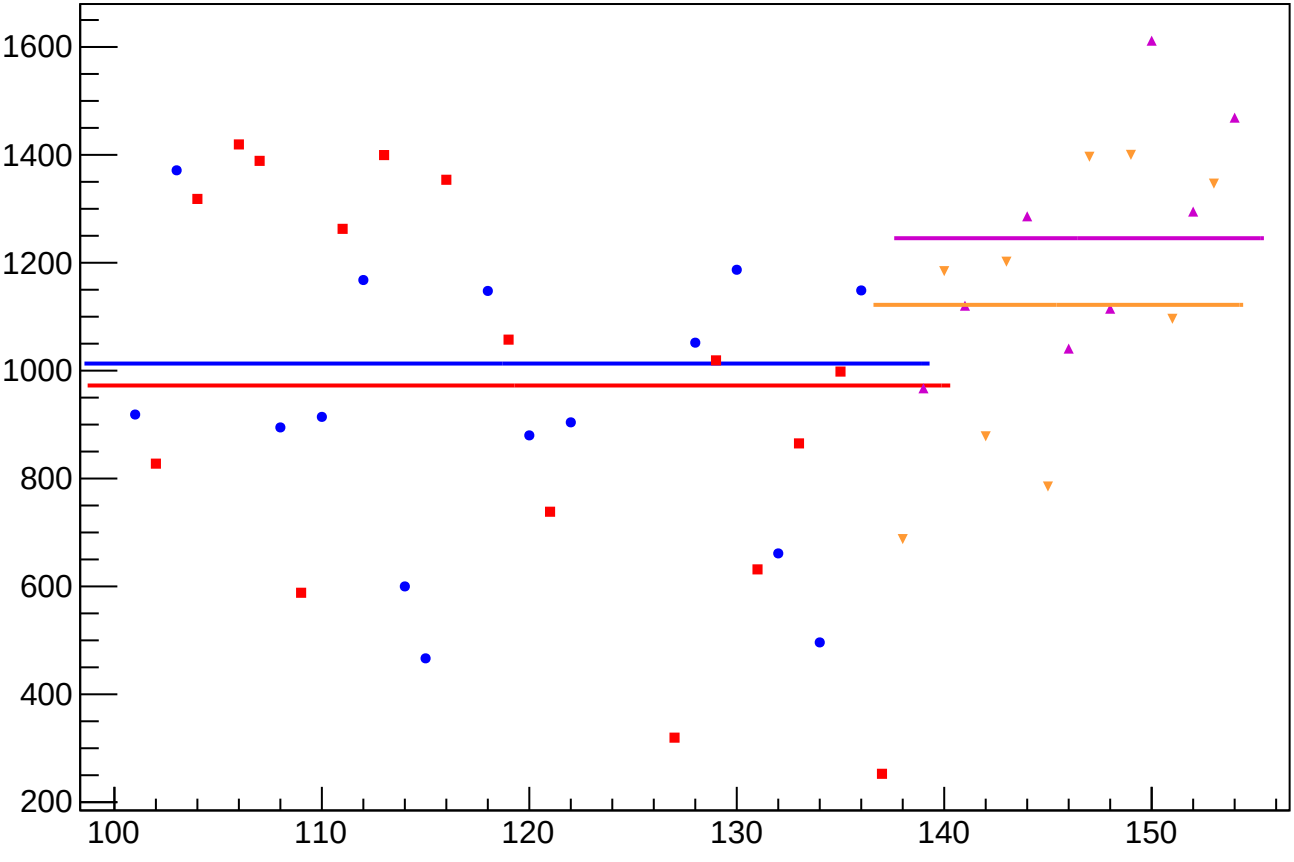
All: 3.645+/-0.000 χ^2/NDF: 4167879568411 1

Right Out: 5.192+/-0.000 χ^2/NDF: 157495737549453457544324369528913 92.0/15

- sign 3.603+/-0.000 χ^2/NDF: 1912377989690329 6

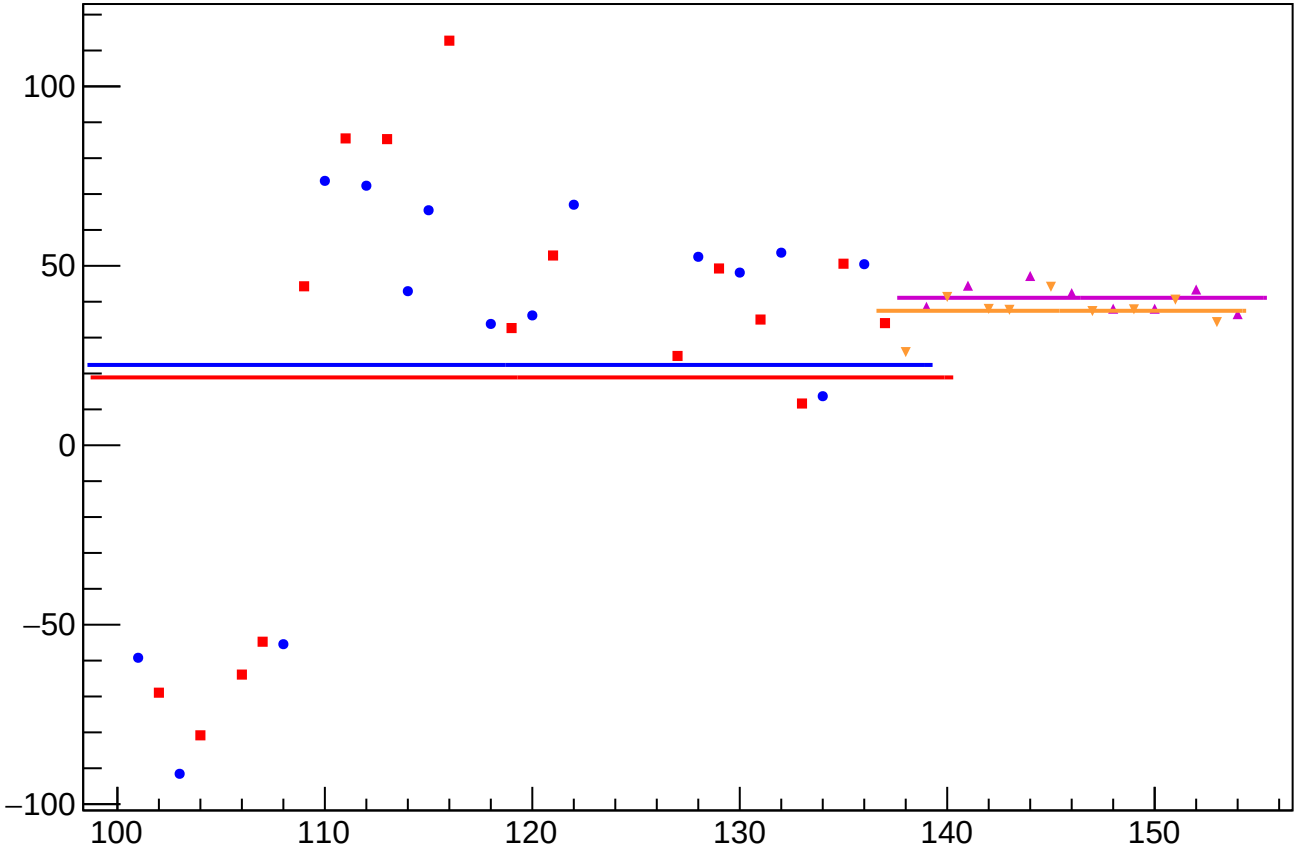
Left In: 2.065+/-0.000 χ^2/NDF:600205204441929399985876039106 56.0/7

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:2951762920230562989583528029476356 0960.0/7

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14

+ sign 30.093+/-0.000 χ^2/NDF: 2014554595485282

Left Out: 37.472+/-0.000 χ^2/NDF:168111929754486820650500608334233 60.0/8

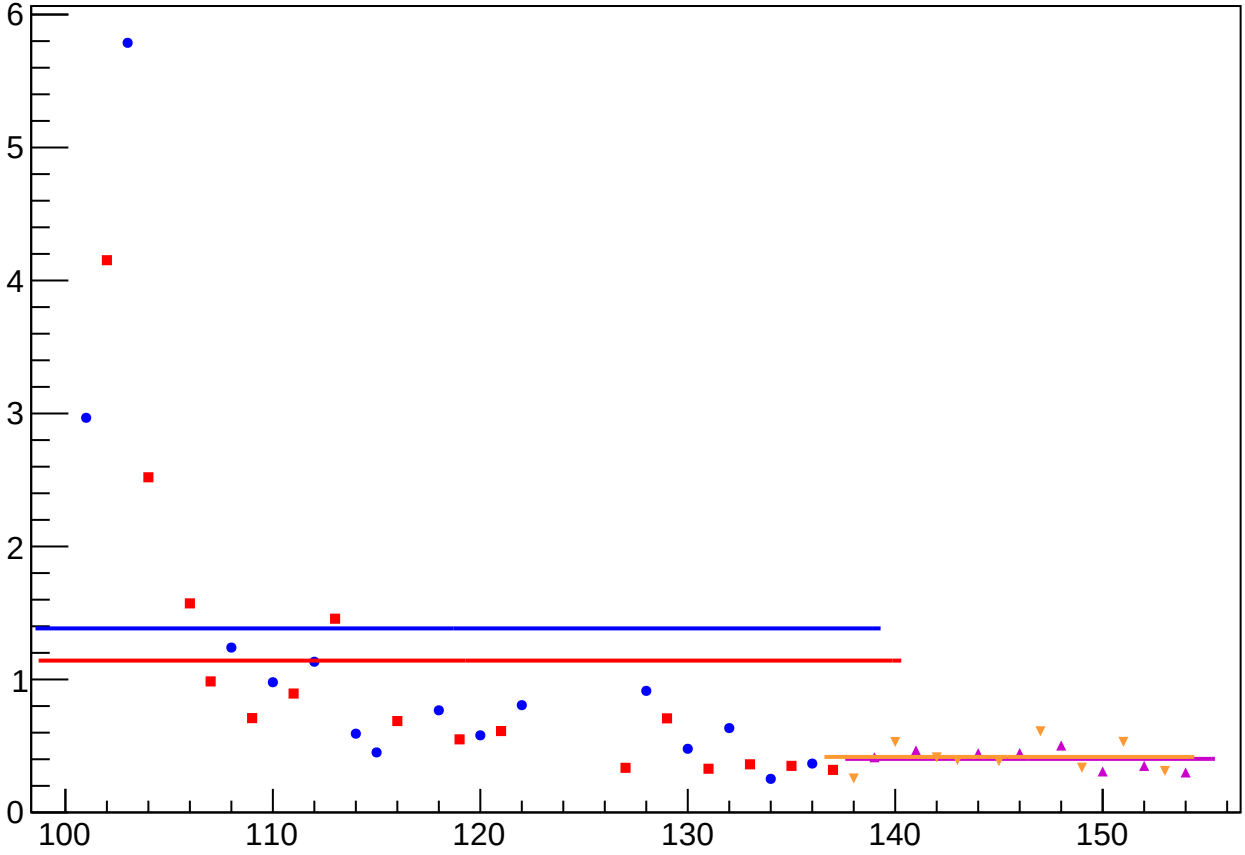
All: 30.137+/-0.000 χ^2/NDF: 4372405883973

Right Out: 18.907+/-0.000 χ^2/NDF: 2182221808408156293593993992757837824.0/15

- sign 30.179+/-0.000 χ^2/NDF: 2357846312180120

Left In: 41.092+/-0.000 χ^2/NDF:882860544175182939213587949184614 4.0/7

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Left Out: 0.418+/-0.000 χ^2/NDF:858372386553390500057856973209 6.0/8

Right Out: 1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

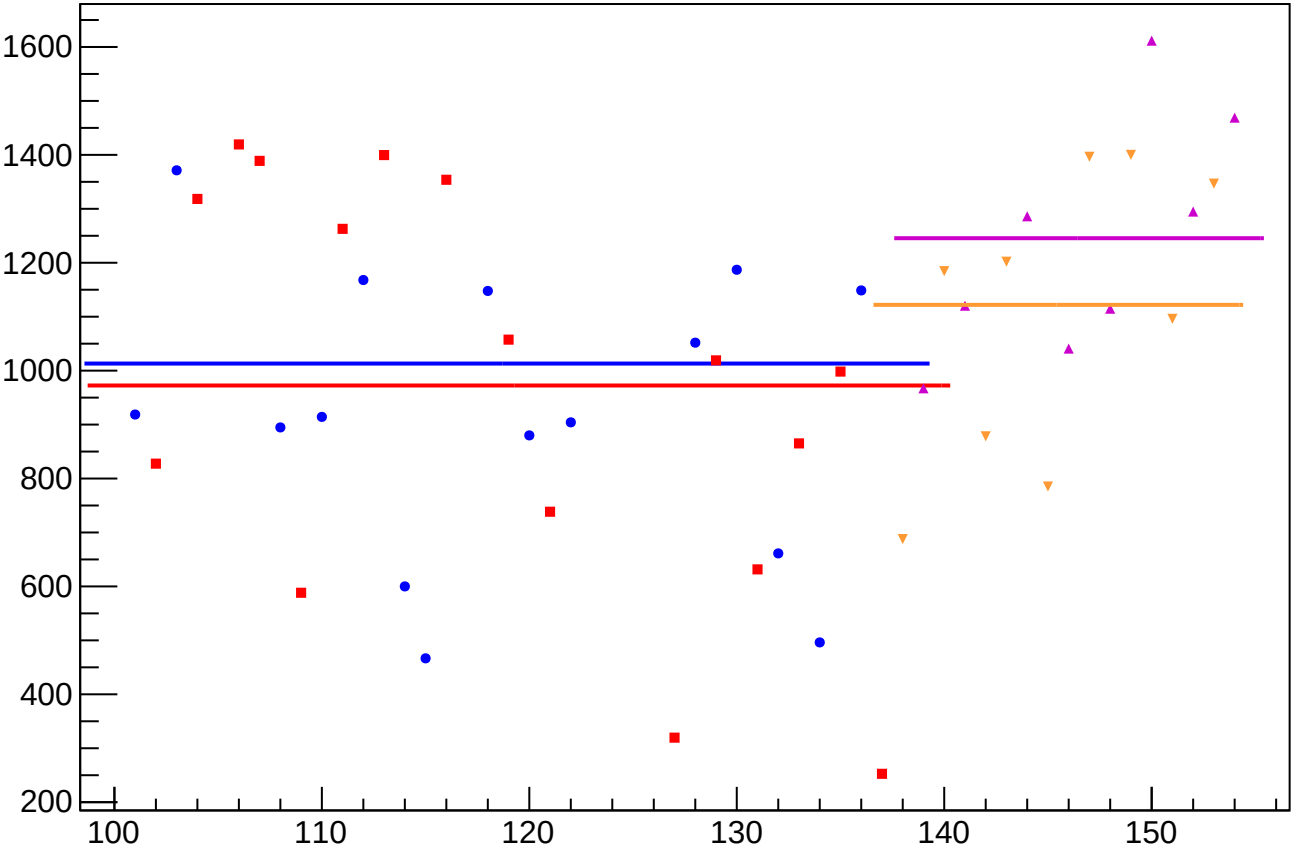
Left In: 0.403+/-0.000 χ^2/NDF:349657216695709378547669375385 6.0/7

+ sign 0.890+/-0.000 χ^2/NDF: 1889334495937750 0

All: 0.828+/-0.000 χ^2/NDF: 2898858505431 4

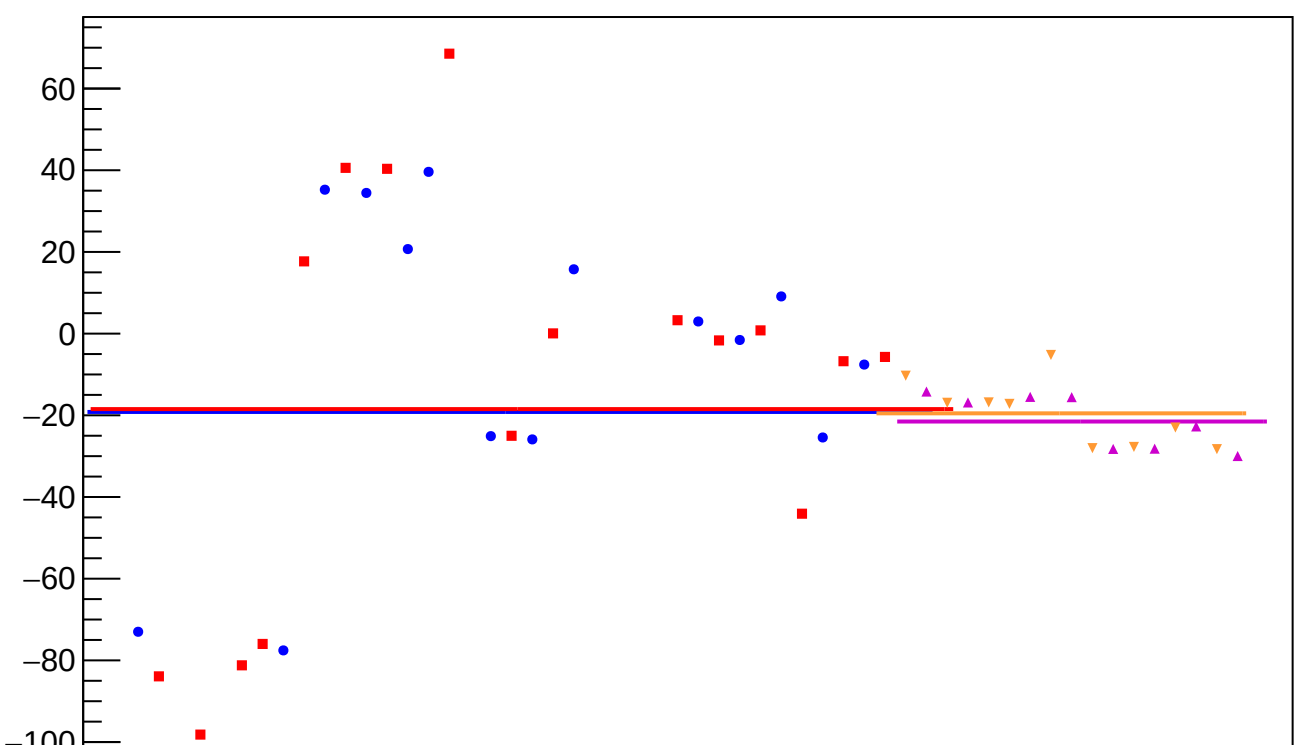
- sign 0.766+/-0.000 χ^2/NDF: 9992242925254498 3

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:295176292023056298958352802947635609 60.0/7

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

+ sign -19.350+/-0.000 χ^2/NDF: 128962844192739

Left Out: -19.517+/-0.000 χ^2/NDF:432249980041212662402191052463144 96.0/8

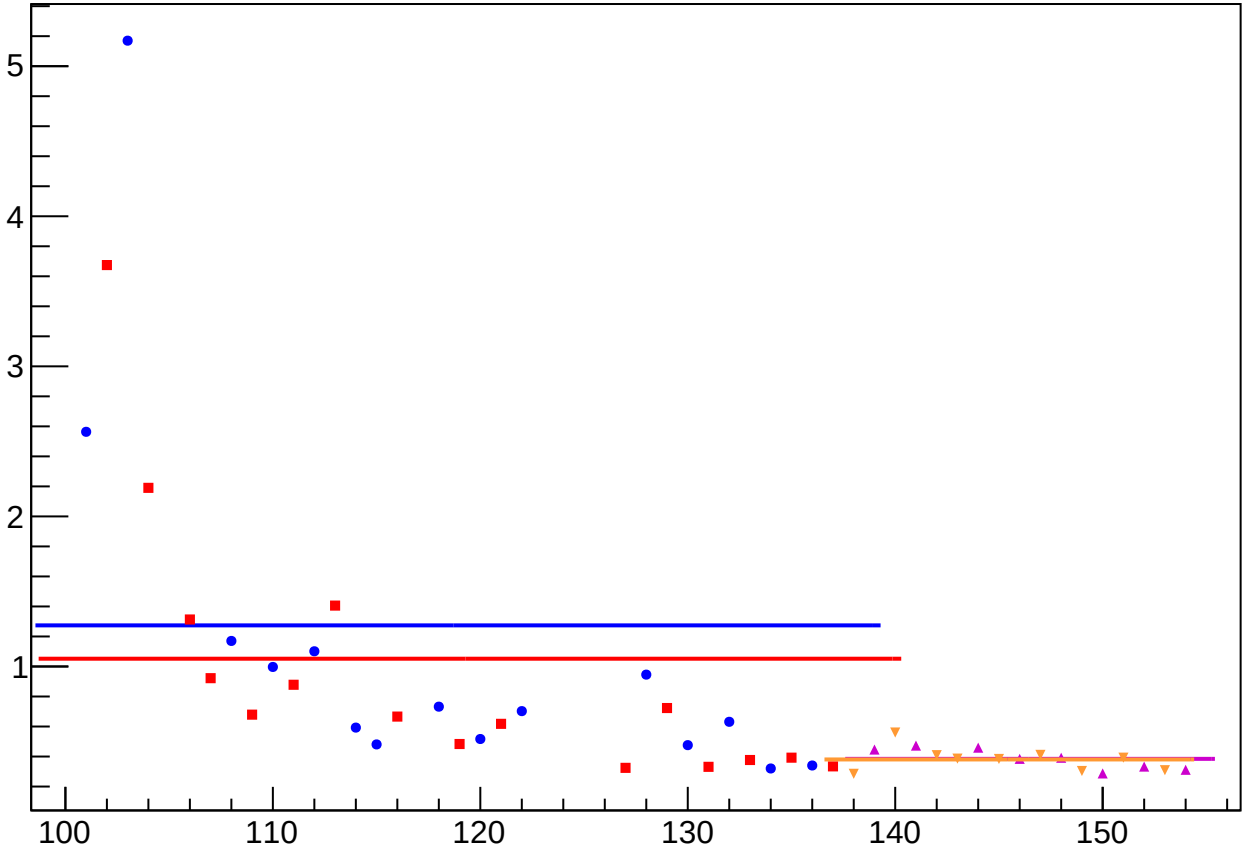
All: -19.691+/-0.000 χ^2/NDF: 280915094124

Right Out: -18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

- sign -20.025+/-0.000 χ^2/NDF: 1519217040907546

Left In: -21.521+/-0.000 χ^2/NDF:2668295652206196769739623164909 9776.0/7

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.381+/-0.000 χ^2/NDF:4409856942651405363008319258624.0/8

Right Out: 1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

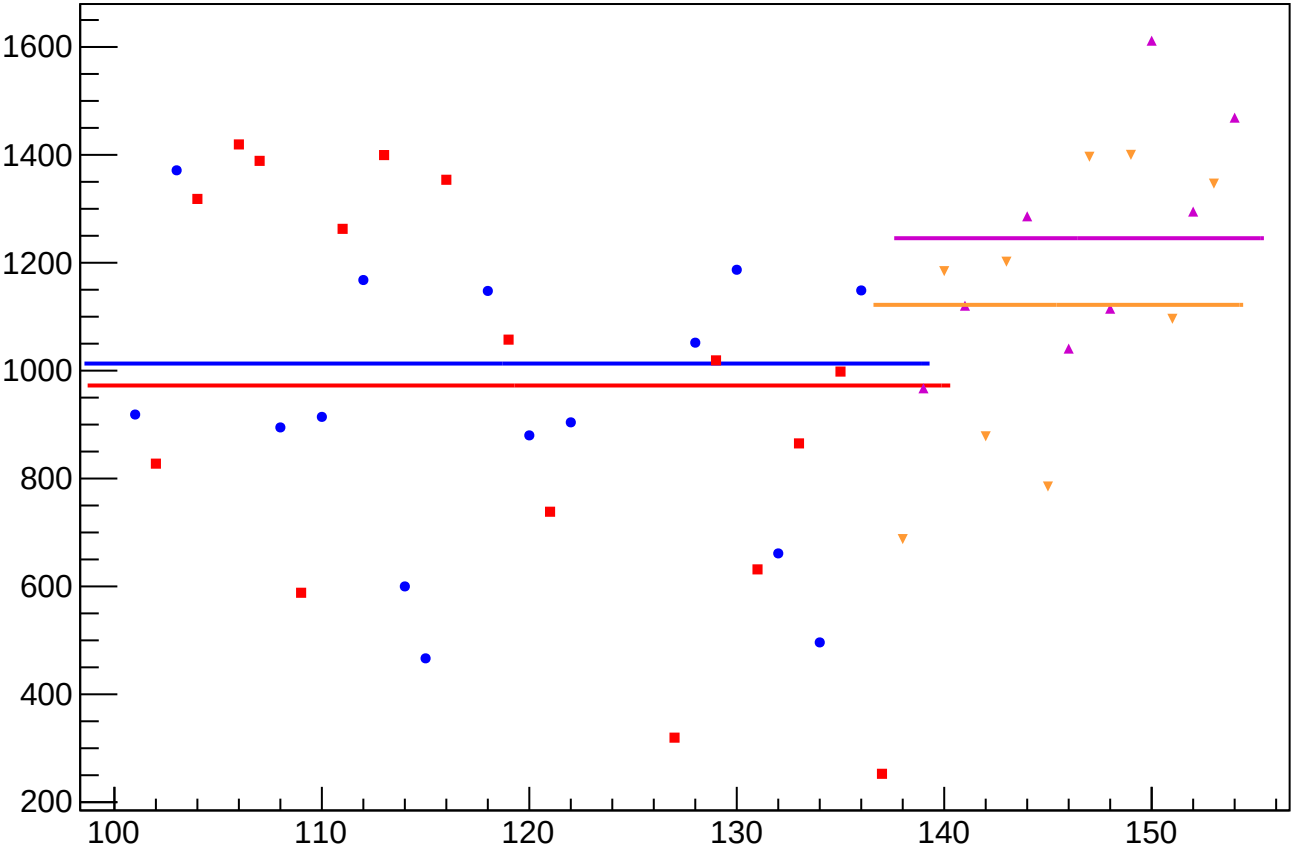
Left In: 0.385+/-0.000 χ^2/NDF:30355227583778912145811146014 72.0/7

+ sign 0.817+/-0.000 χ^2/NDF: 1481150744929646 4

All: 0.765+/-0.000 χ^2/NDF: 2249777631027 0

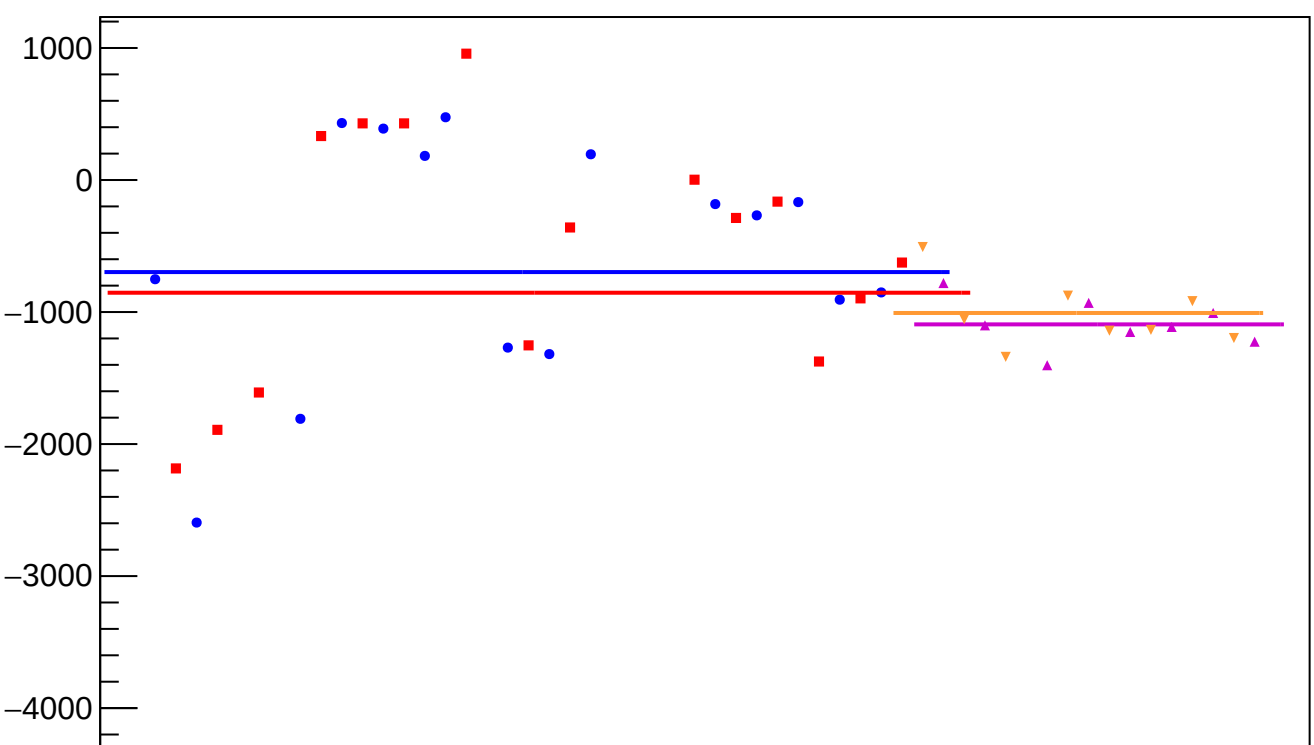
- sign 0.713+/-0.000 χ^2/NDF: 7612720400645107 5

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:2951762920230562989583528029476356 0960.0/7

dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14

+ sign -847.511+/-0.000 χ^2/NDF: 55322251119529

Left Out: -1007.082+/-0.000 χ^2/NDF:325817897814167833203929749226740776 96.0/7

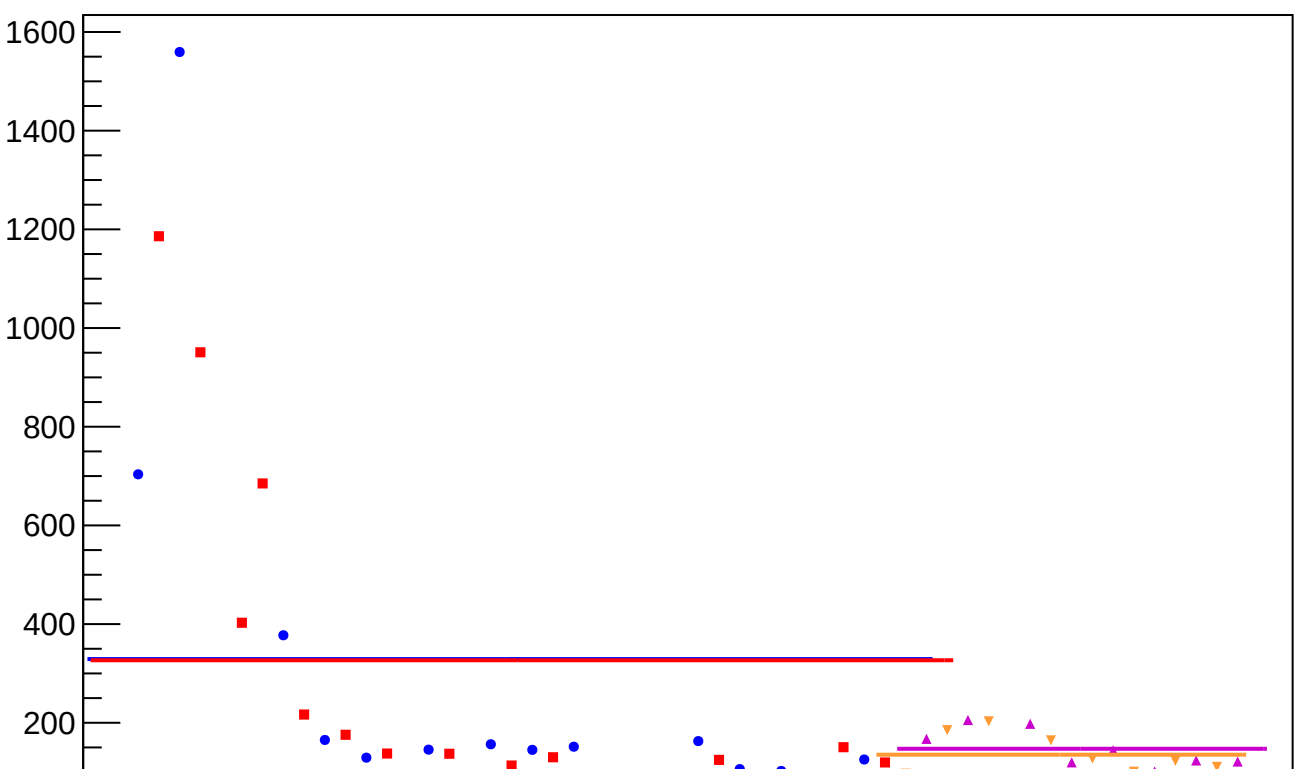
All: -913.872+/-0.000 χ^2/NDF: 16829489564

Right Out: -853.734+/-0.000 χ^2/NDF: 107837902012641231715593227515620176 6912.0/15

- sign -975.536+/-0.000 χ^2/NDF: 11190215616560 5

Left In: -1093.449+/-0.000 χ^2/NDF:211675397712764146574834544653054771 20.0/7

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

+ sign 235.122+/-0.000 χ^2/NDF: 129450605979632

Left Out: 135.290+/-0.000 χ^2/NDF:764474301819176374774905107898171392.0/7

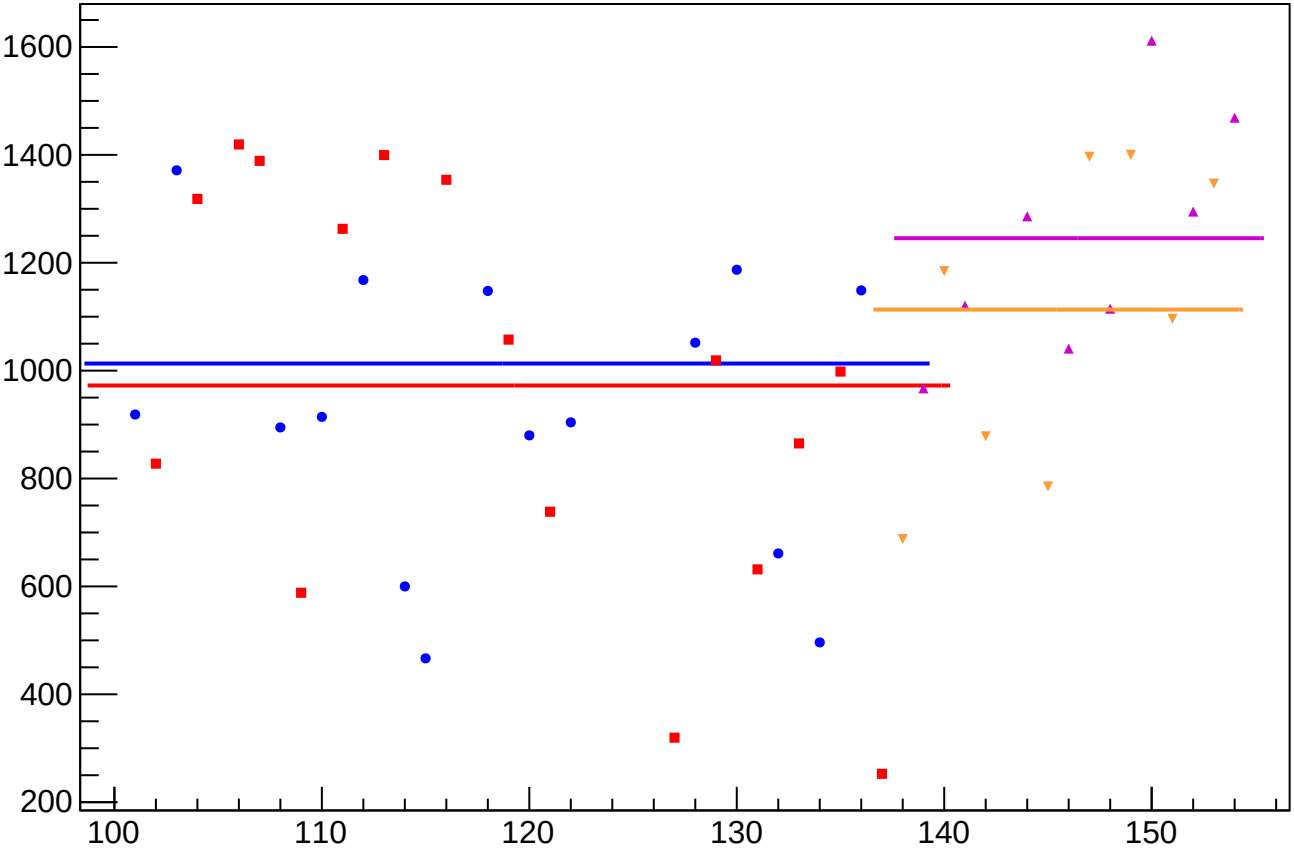
All: 235.337+/-0.000 χ^2/NDF: 22884164406

Right Out: 326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151510794 24.0/15

- sign 235.538+/-0.000 χ^2/NDF: 993909250254740

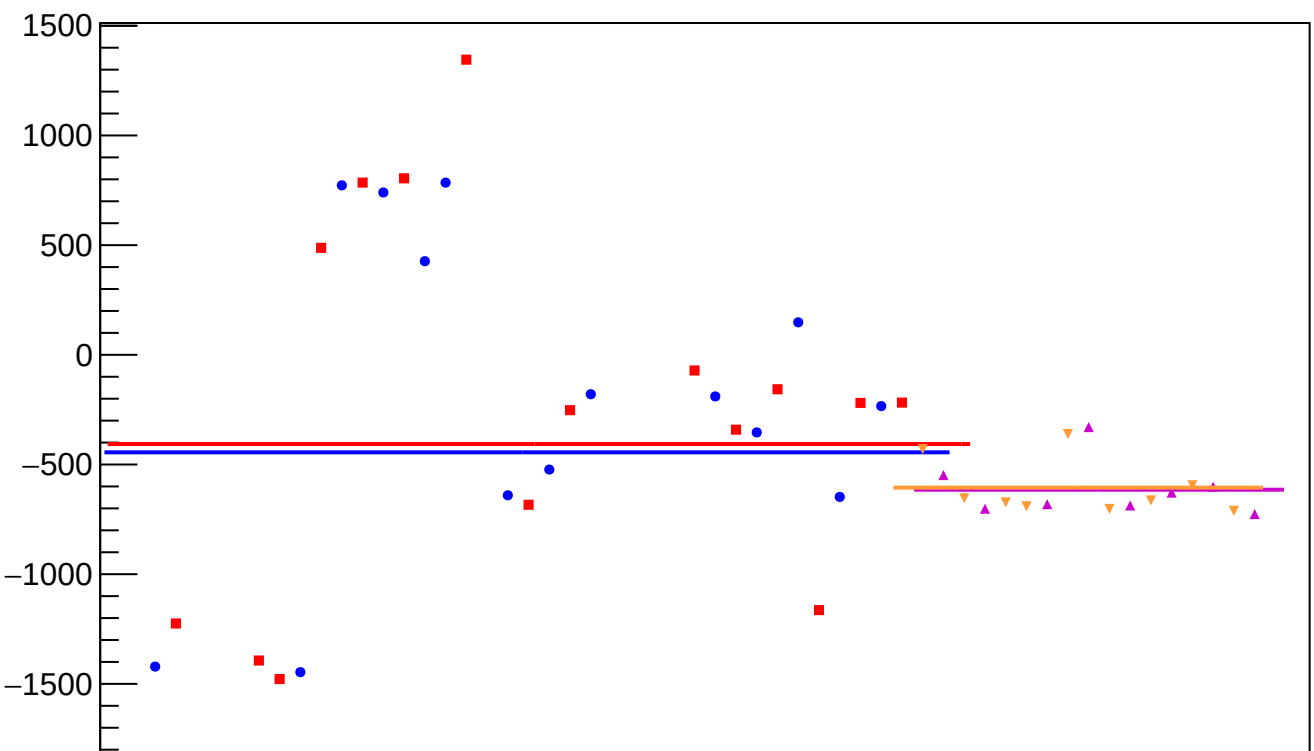
Left In: 147.292+/-0.000 χ^2/NDF:913817940657155350114343527204782080.0/7

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1061.663+/-0.000 χ^2/NDF: 7848966221165 2
Left Out: 1113.196+/-0.000 χ^2/NDF:436181071813740682678051032129968537 60.0/7
All: 1087.341+/-0.000 χ^2/NDF: 2137615470 2
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 1336690329265 8
Left In: 1245.509+/-0.000 χ^2/NDF:295176292023056298958352802947635609 60.0/7

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF: 39648190350159370306653585122995365478 4.0/14

+ sign -526.685+/-0.000 χ^2/NDF: 41516540486032

Left Out: -605.344+/-0.000 χ^2/NDF:1010628660322243508914994954866419302 4.0/8

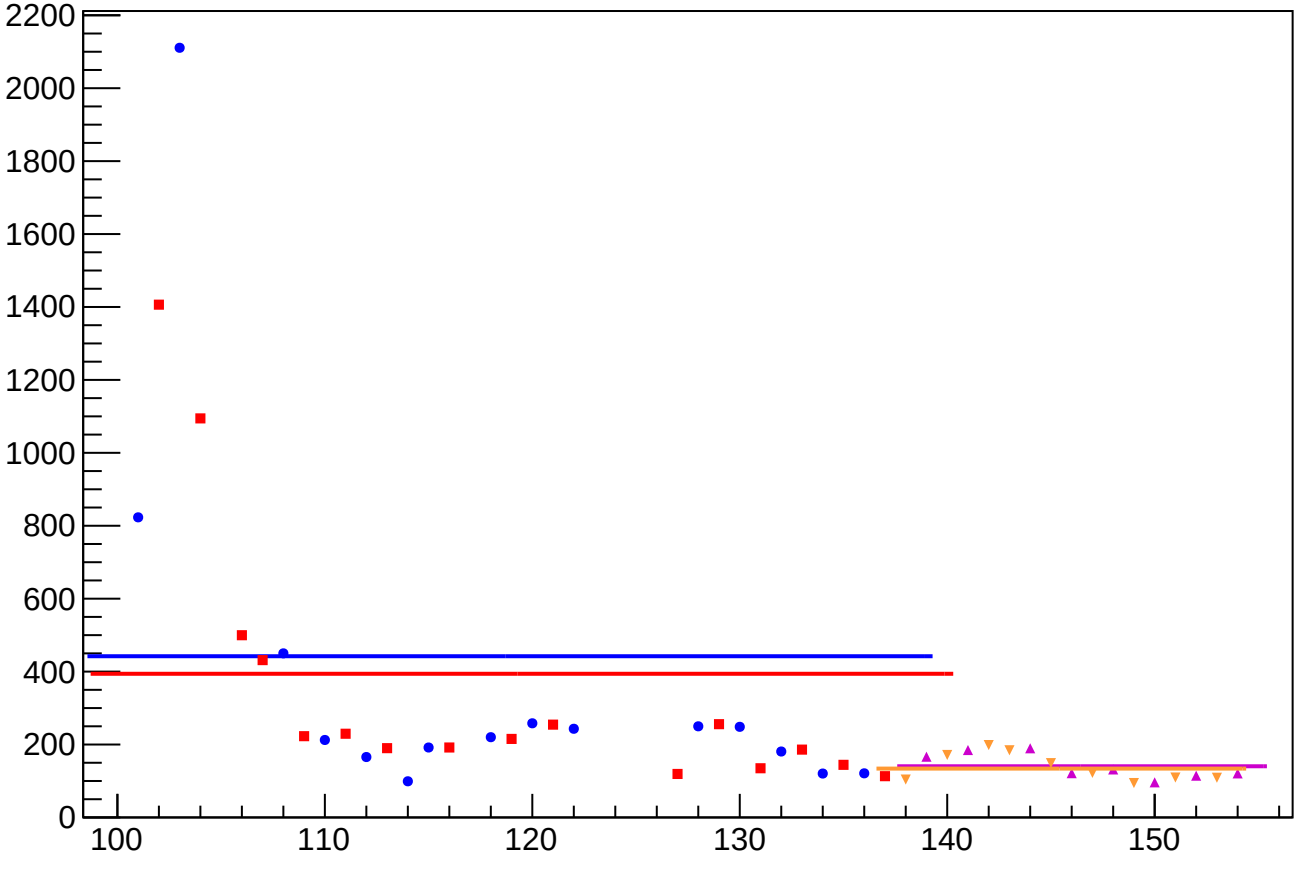
All: -519.507+/-0.000 χ^2/NDF: 9688161548 3

Right Out: -406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15

- sign -512.483+/-0.000 χ^2/NDF: 553515475132081

Left In: -614.860+/-0.000 χ^2/NDF:971200077472599529231224648634676019 2.0/7

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

+ sign 284.719+/-0.000 χ^2/NDF: 236309295286471

Left Out: 134.010+/-0.000 χ^2/NDF:806156060780168496092301293866975232.0/8

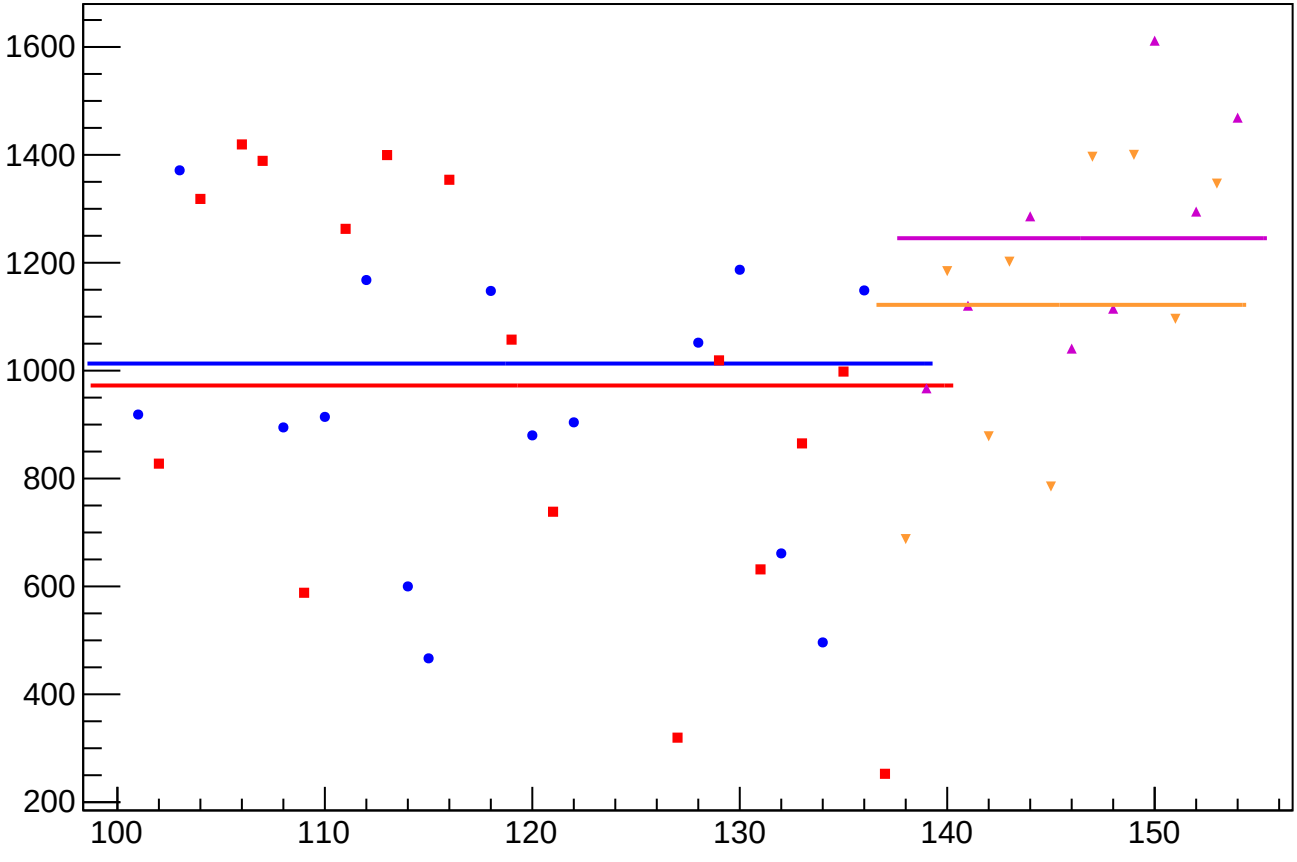
All: 274.829+/-0.000 χ^2/NDF: 364999105657

Right Out: 394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

- sign 265.151+/-0.000 χ^2/NDF: 128433016234999

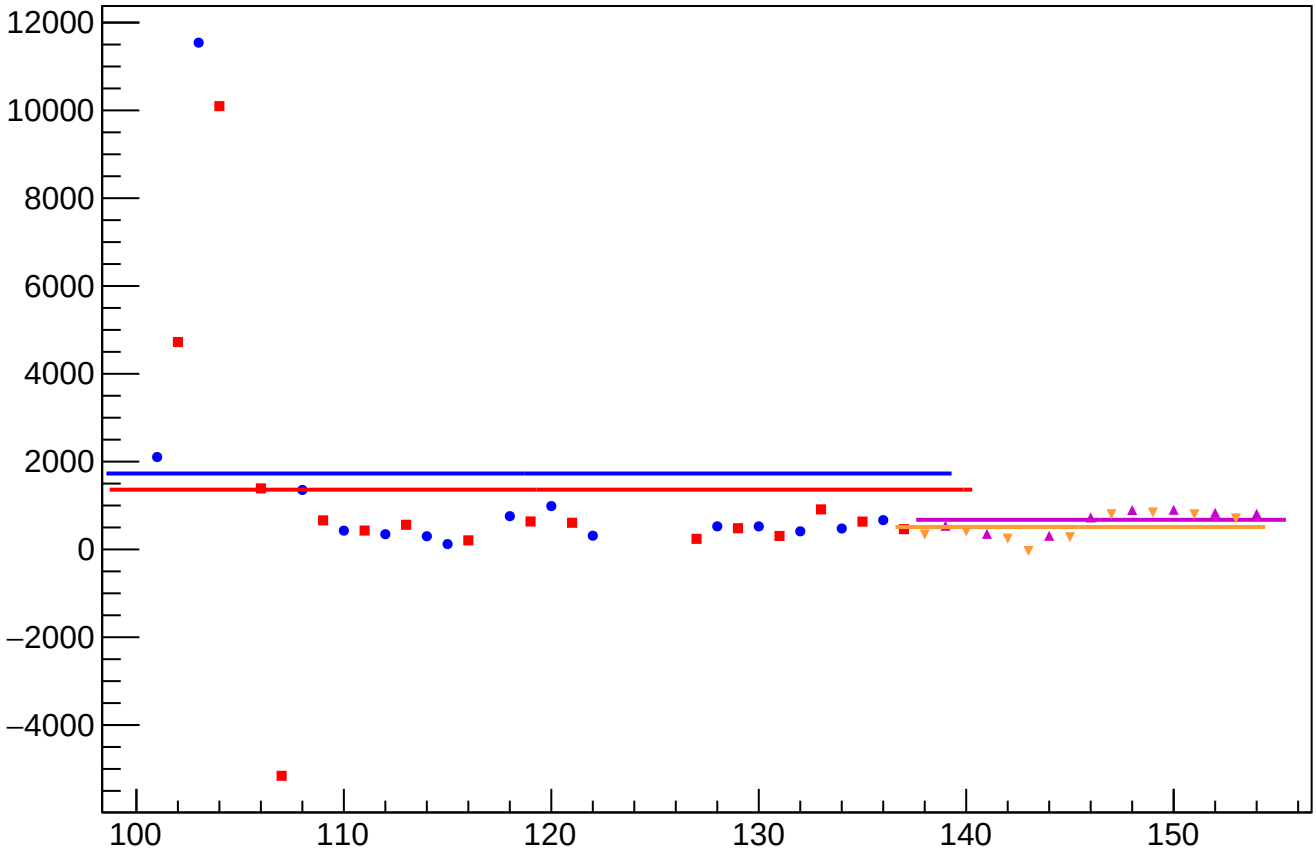
Left In: 140.384+/-0.000 χ^2/NDF:745628194572388631420426233030115328.0/7

dit_usr_coil6_Ndata_mean vs Slug



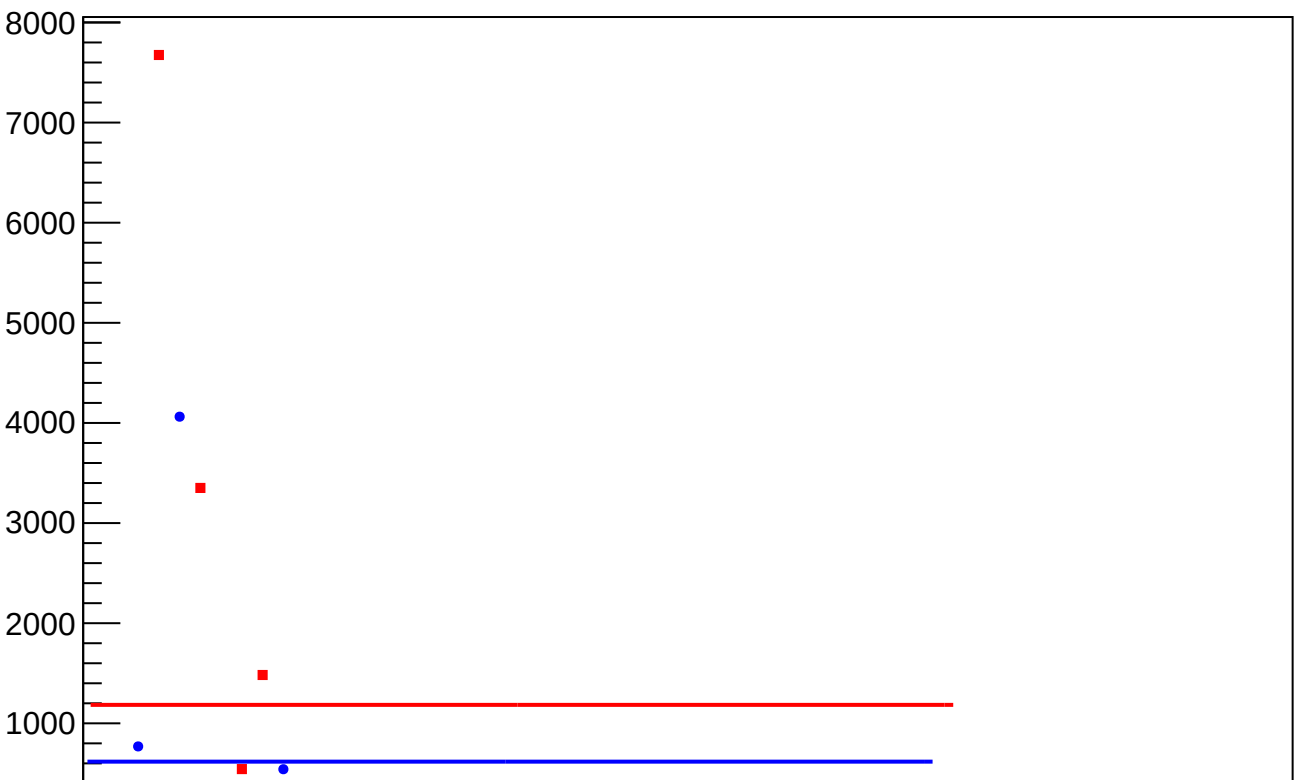
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:2951762920230562989583528029476356 0960.0/7

dit_atl1_coil6_mean vs Slug



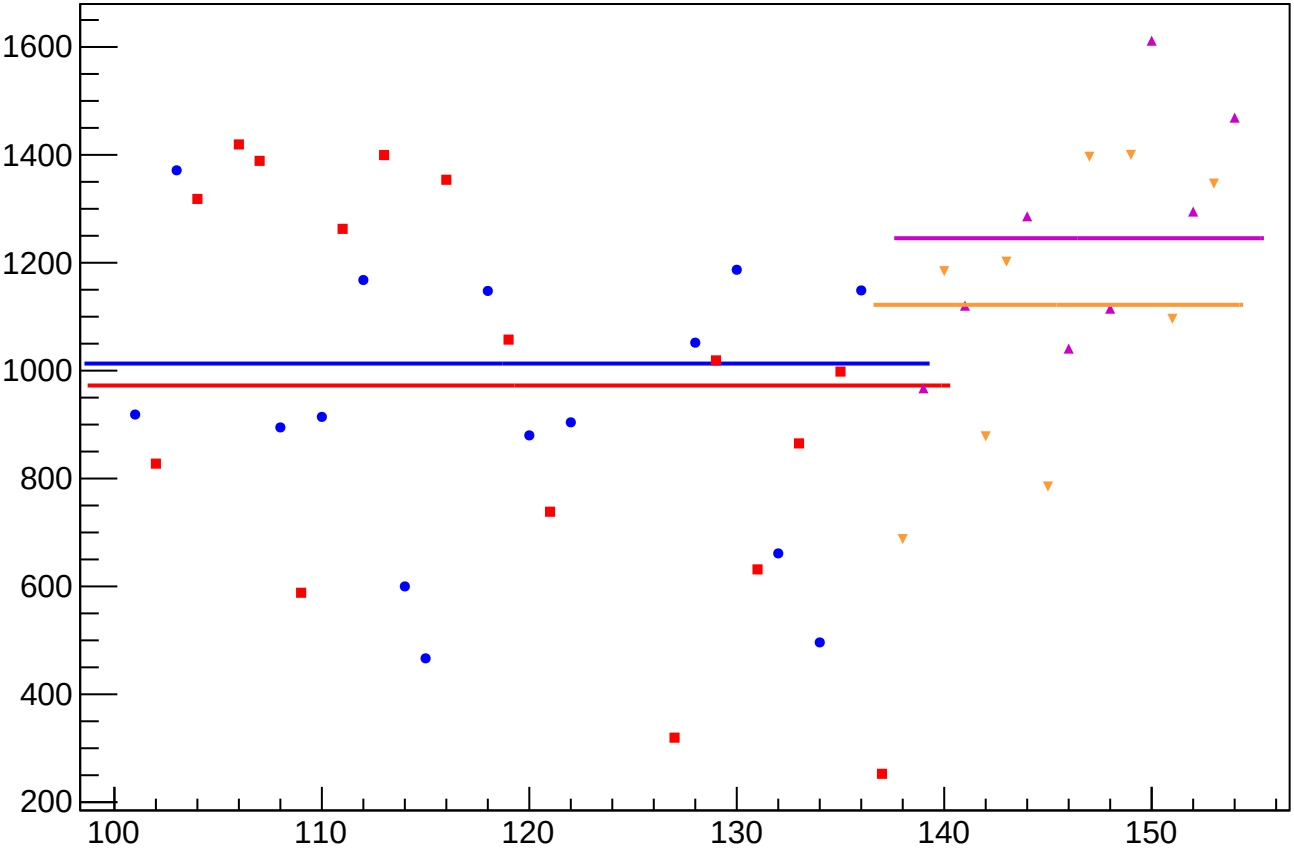
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
+ sign 1106.222+/-0.000 χ^2/NDF: 69620887249805
Left Out: 510.068+/-0.000 χ^2/NDF:562798337616167688359258491942831390 72.0/8
All: 1058.751+/-0.000 χ^2/NDF: 1359424086 7
Right Out: 1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617 4464.0/15
- sign 1012.295+/-0.000 χ^2/NDF: 66262353562915
Left In: 674.808+/-0.000 χ^2/NDF:3509037349771227508284596945533534 2080.0/7

dit_atl1_coil6_err_mean vs Slug



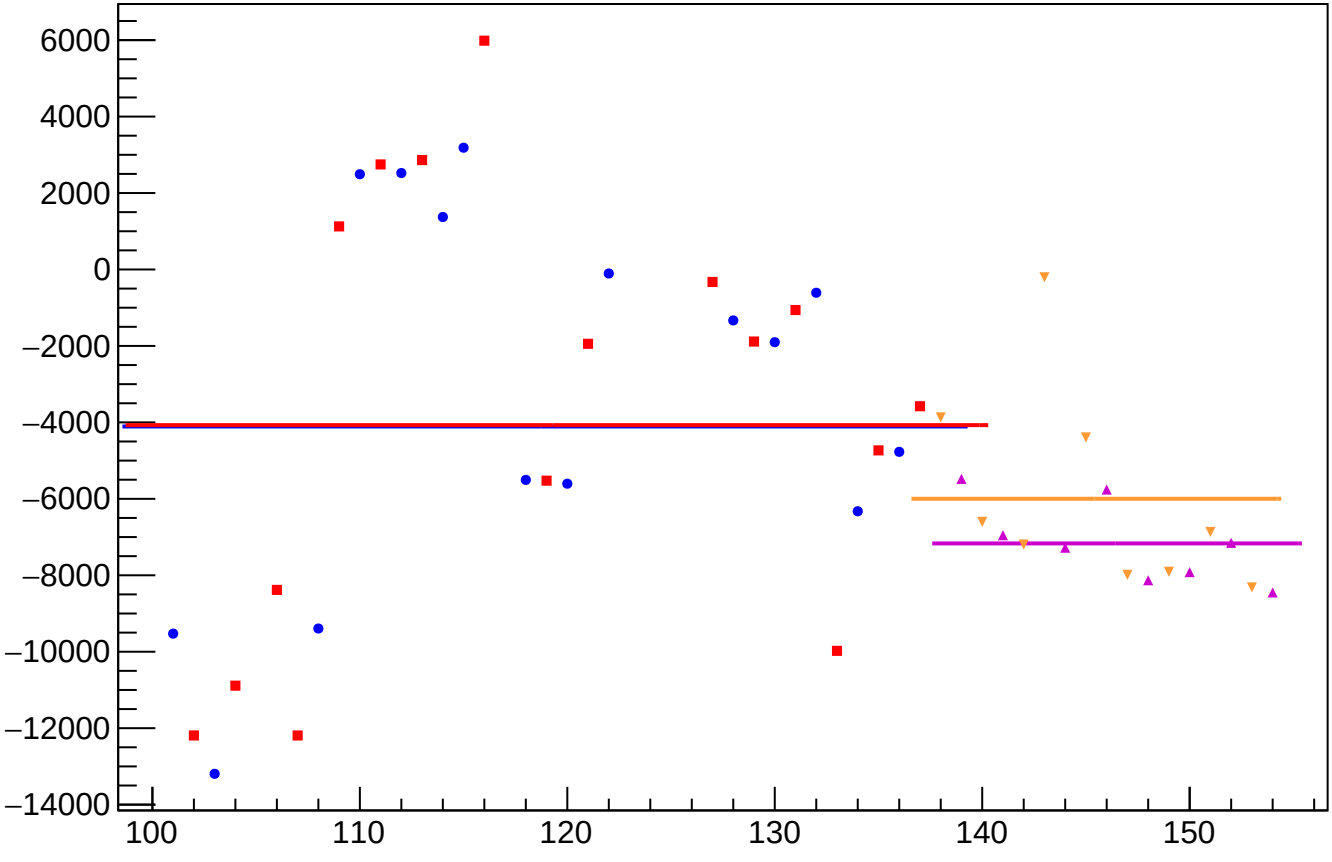
Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14
+ sign 369.466+/-0.000 χ^2/NDF: 871267253934391
Left Out: 132.191+/-0.000 χ^2/NDF:8535903112613724214682738320851599 36.0/8
All: 512.969+/-0.000 χ^2/NDF: 44636938414 2
Right Out: 1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15
- sign 653.403+/-0.000 χ^2/NDF: 353835677277687
Left In: 139.437+/-0.000 χ^2/NDF:9162957283668178087876228731277148 16.0/7

dit_atl1_coil6_Ndata_mean vs Slug



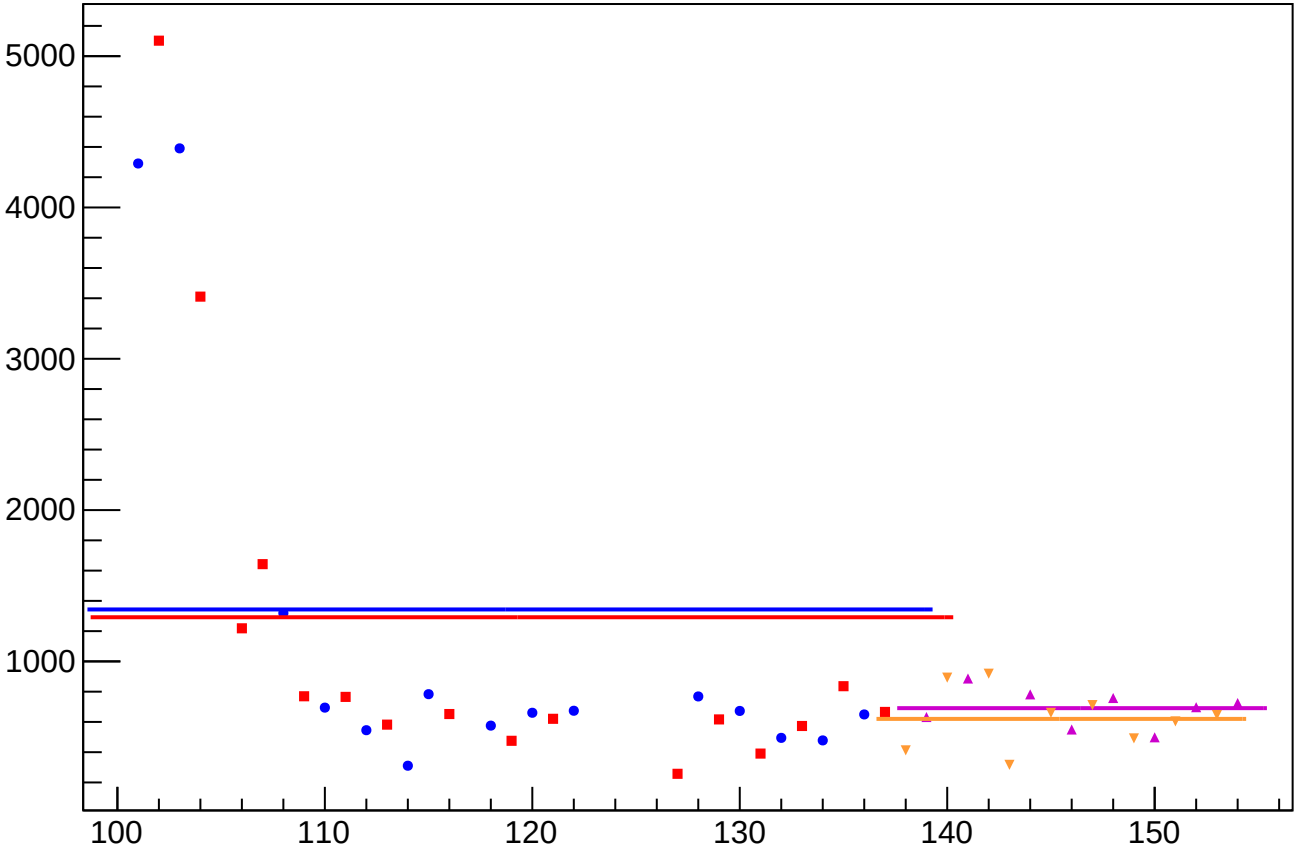
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:2951762920230562989583528029476356 0960.0/7

dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14
+ sign -5073.507+/-0.000 χ^2/NDF: 1975045780904
Left Out: -5998.250+/-0.000 χ^2/NDF:4037531108109599961297407311843076079616.0/8
All: -5361.990+/-0.000 χ^2/NDF: 442574204 7
Right Out: -4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15
- sign -5644.304+/-0.000 χ^2/NDF: 2428845205564 6
Left In: -7166.288+/-0.000 χ^2/NDF:676590939528890168031738138575570468864.0/7

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

+ sign 973.764+/-0.000 χ^2/NDF: 15129543094137

Left Out: 620.014+/-0.000 χ^2/NDF:21996187058225849829762193588549058560.0/8

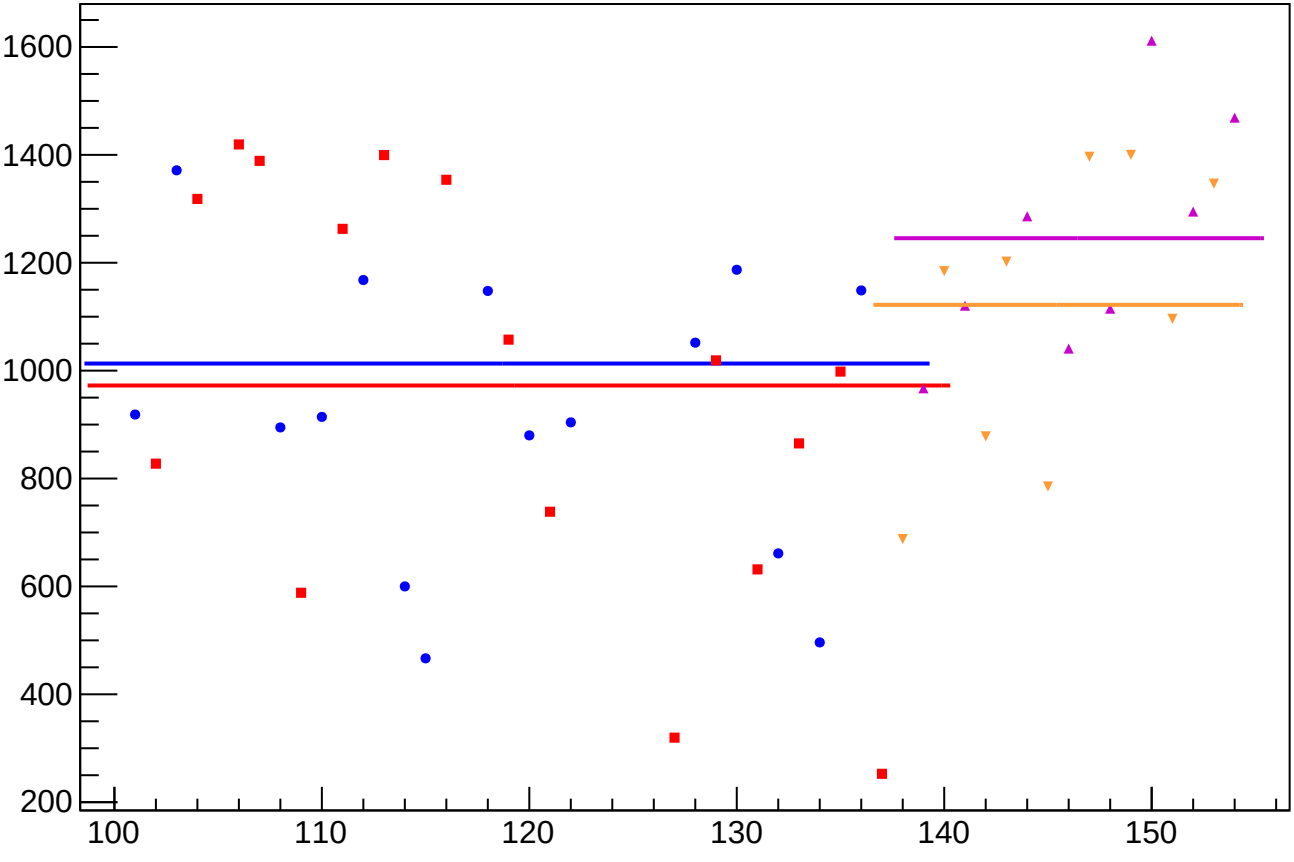
All: 980.219+/-0.000 χ^2/NDF: 29687480541

Right Out: 1291.796+/-0.000 χ^2/NDF: 13235689170088729779059600115869910302 72.0/15

- sign 986.537+/-0.000 χ^2/NDF: 145568432341787

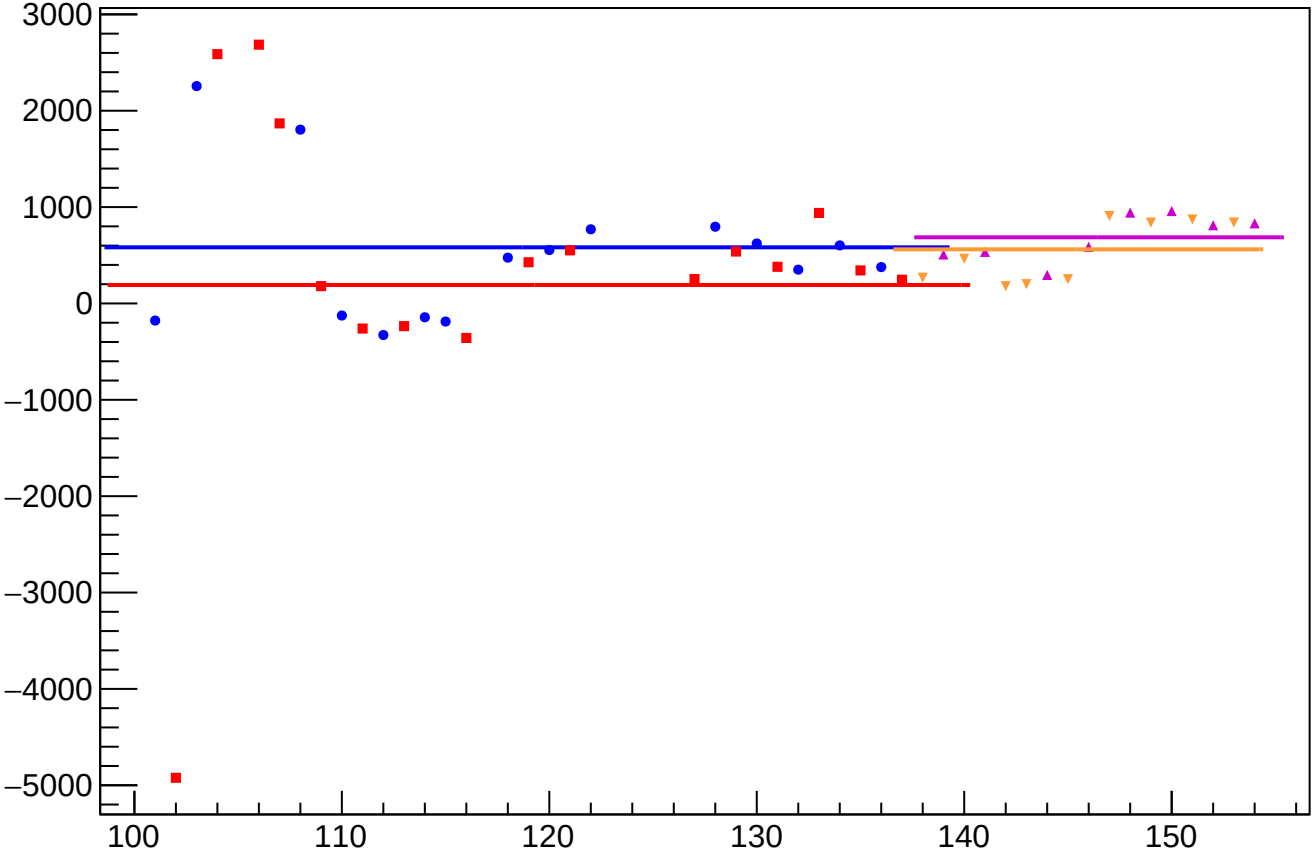
Left In: 691.025+/-0.000 χ^2/NDF:9793393283780630515786953608210153472.0/7

dit_atl2_coil6_Ndata_mean vs Slug



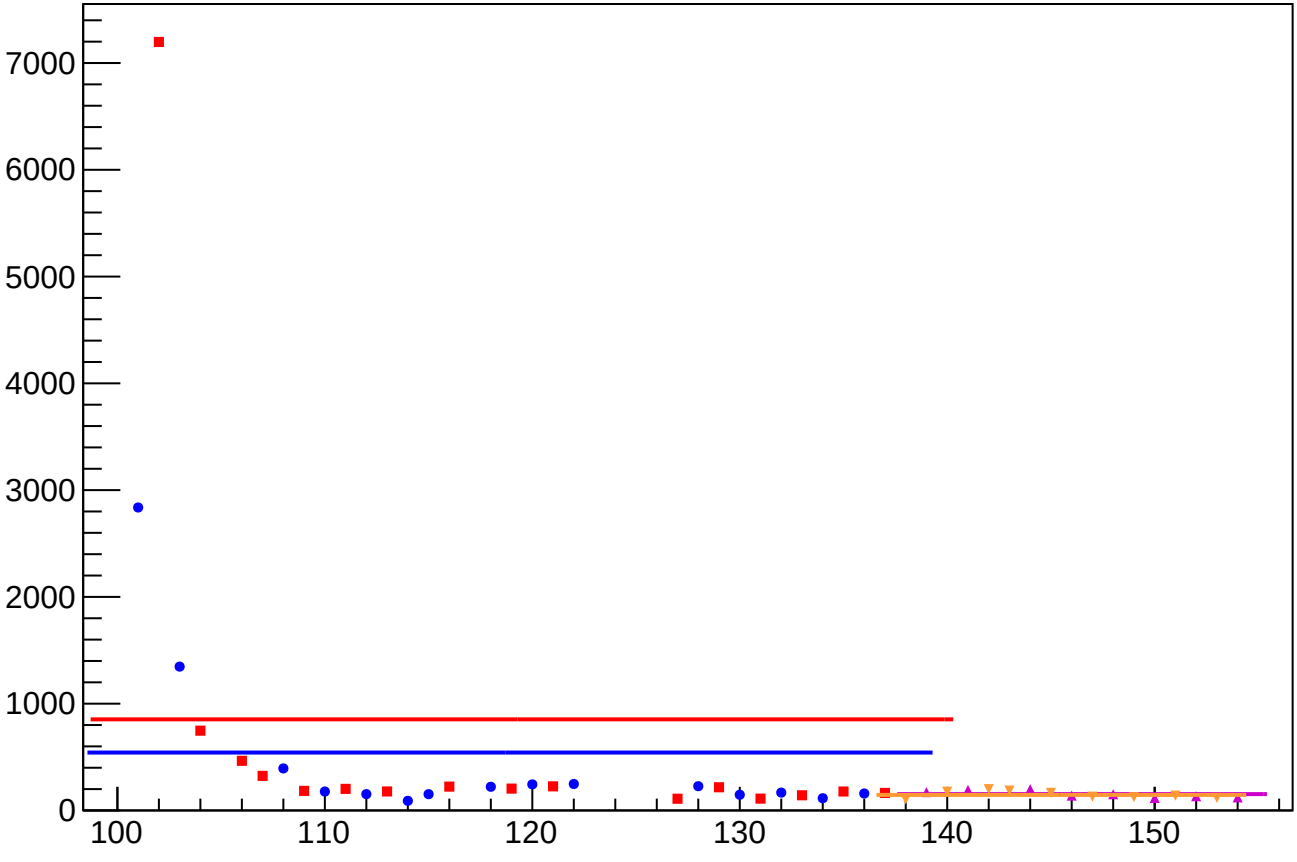
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:295176292023056298958352802947635609 60.0/7

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF: 338796567623032040072791996460490031104.0/14
+ sign 571.730+/-0.000 χ^2/NDF: 399554936526093
Left Out: 561.527+/-0.000 χ^2/NDF:606140394545577330587652933838648115 20.0/8
All: 506.668+/-0.000 χ^2/NDF: 26967950707 3
Right Out: 191.587+/-0.000 χ^2/NDF: 216876212055234622341674300502071626 9568.0/15
- sign 442.997+/-0.000 χ^2/NDF: 228612553005557
Left In: 686.378+/-0.000 χ^2/NDF:343919622465844936483546451813681 07008.0/7

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

+ sign 339.540+/-0.000 χ^2/NDF: 467229979780942

Left Out: 145.426+/-0.000 χ^2/NDF:615303331238034804844845541961498624.0/8

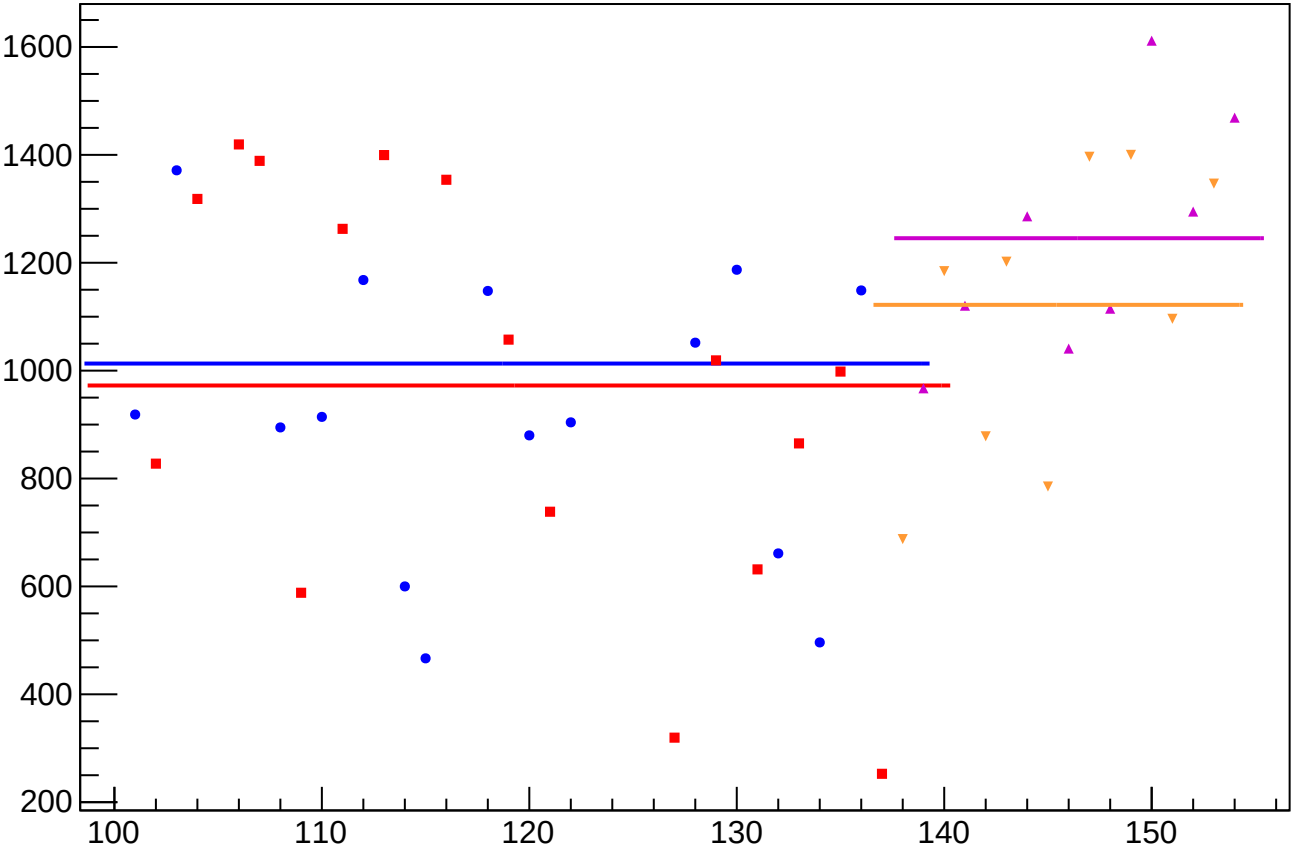
All: 419.360+/-0.000 χ^2/NDF: 322475006117

Right Out: 853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15

- sign 497.473+/-0.000 χ^2/NDF: 274079156446499

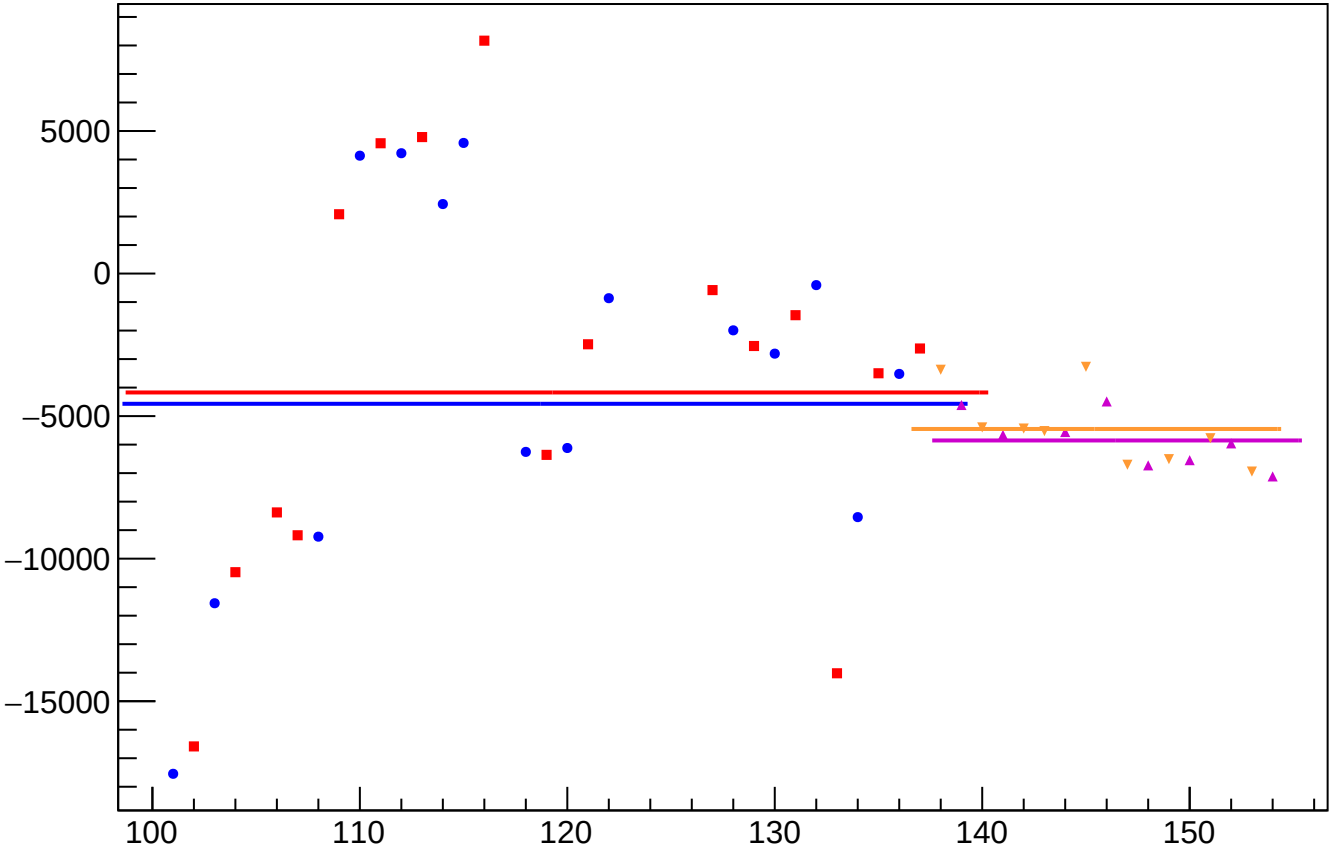
Left In: 153.102+/-0.000 χ^2/NDF:600802288422667267086945584817373184.0/7

dit_atr1_coil6_Ndata_mean vs Slug



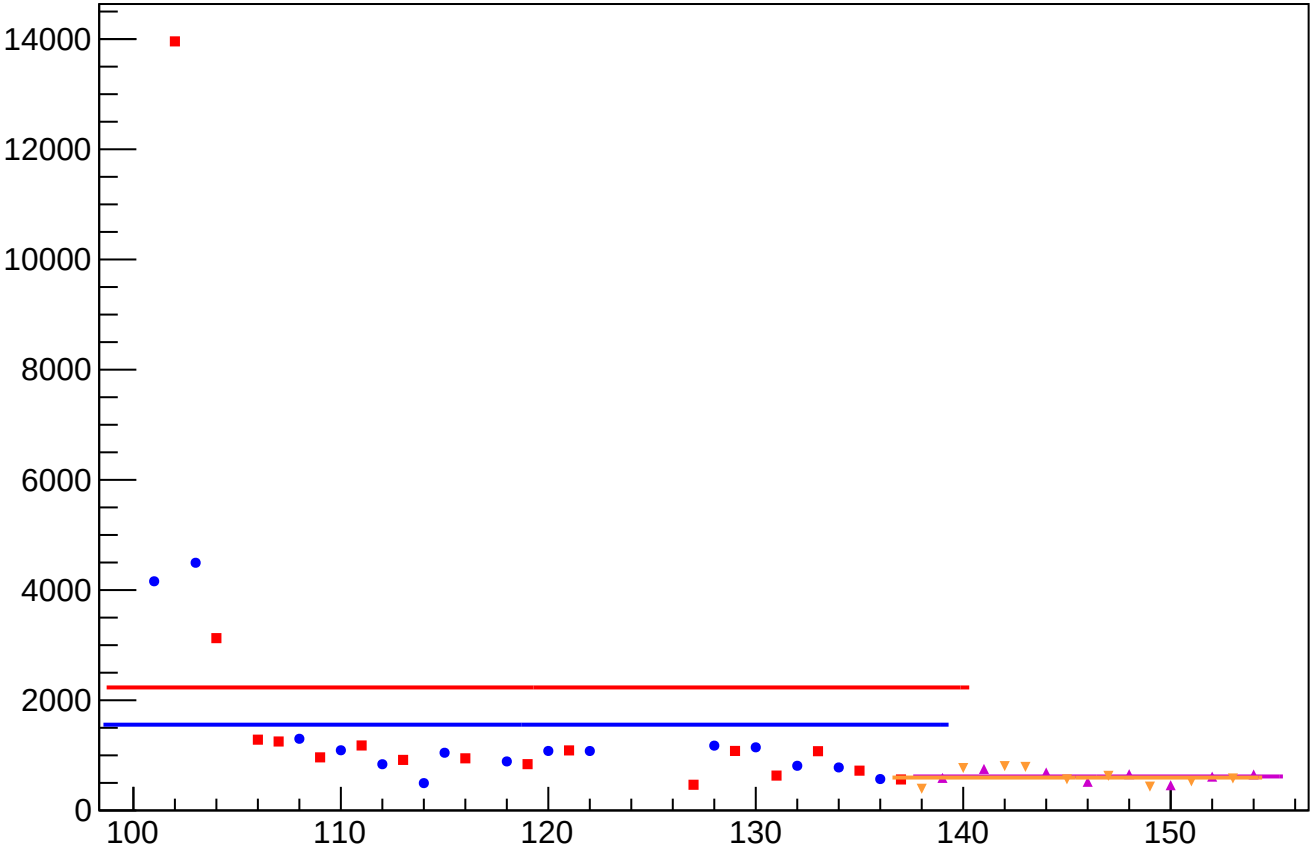
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:295176292023056298958352802947635609 60.0/7

dit_atr2_coil6_mean vs Slug



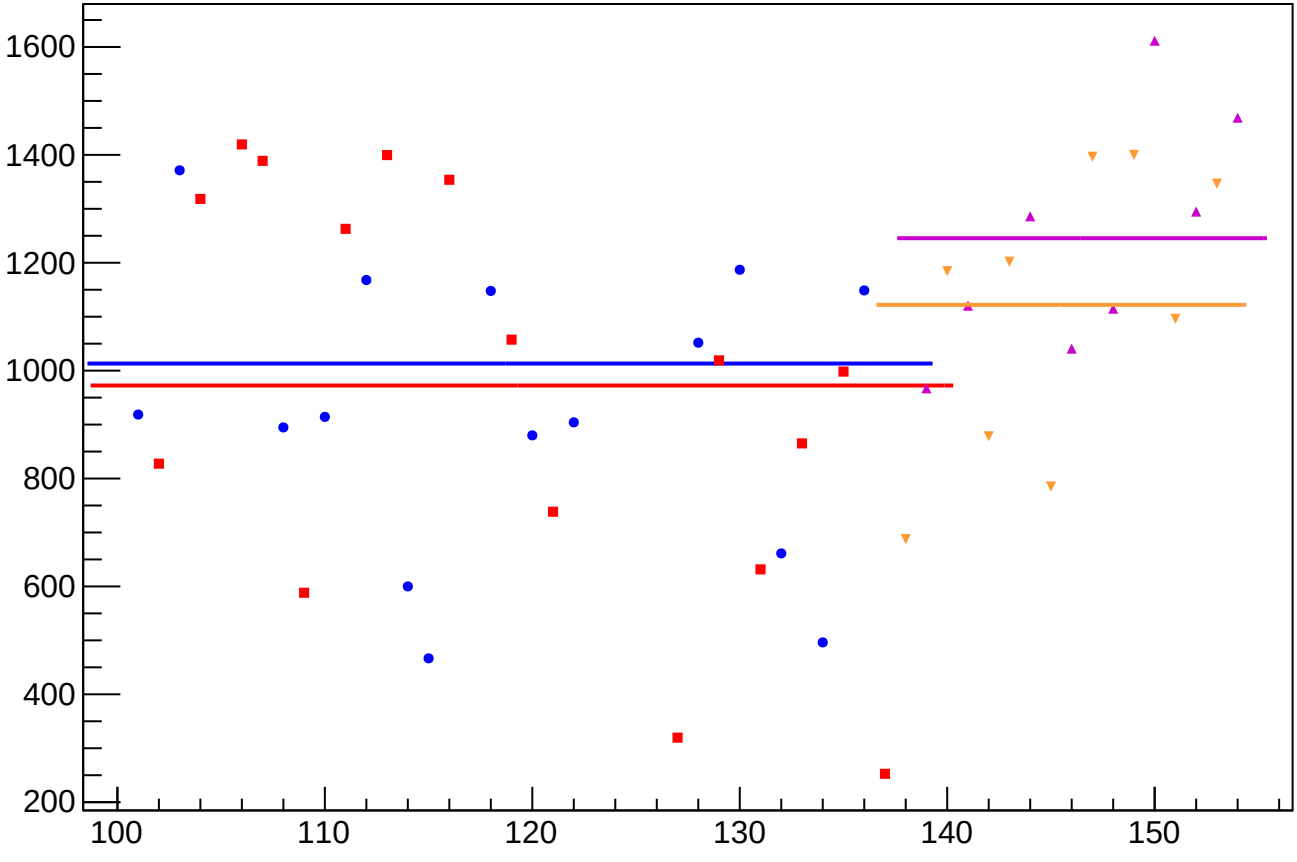
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
+ sign -5019.386+/-0.000 χ^2/NDF: 2559047755418
Left Out: -5451.181+/-0.000 χ^2/NDF:1136955154036747067434885012813621755904.0/8
All: -5022.834+/-0.000 χ^2/NDF: 5806033277
Right Out: -4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302412 8.0/15
- sign -5026.209+/-0.000 χ^2/NDF: 3246982399807 1
Left In: -5854.331+/-0.000 χ^2/NDF:5419772078800748564846489430556242083 84.0/7

dit_atr2_coil6_err_mean vs Slug



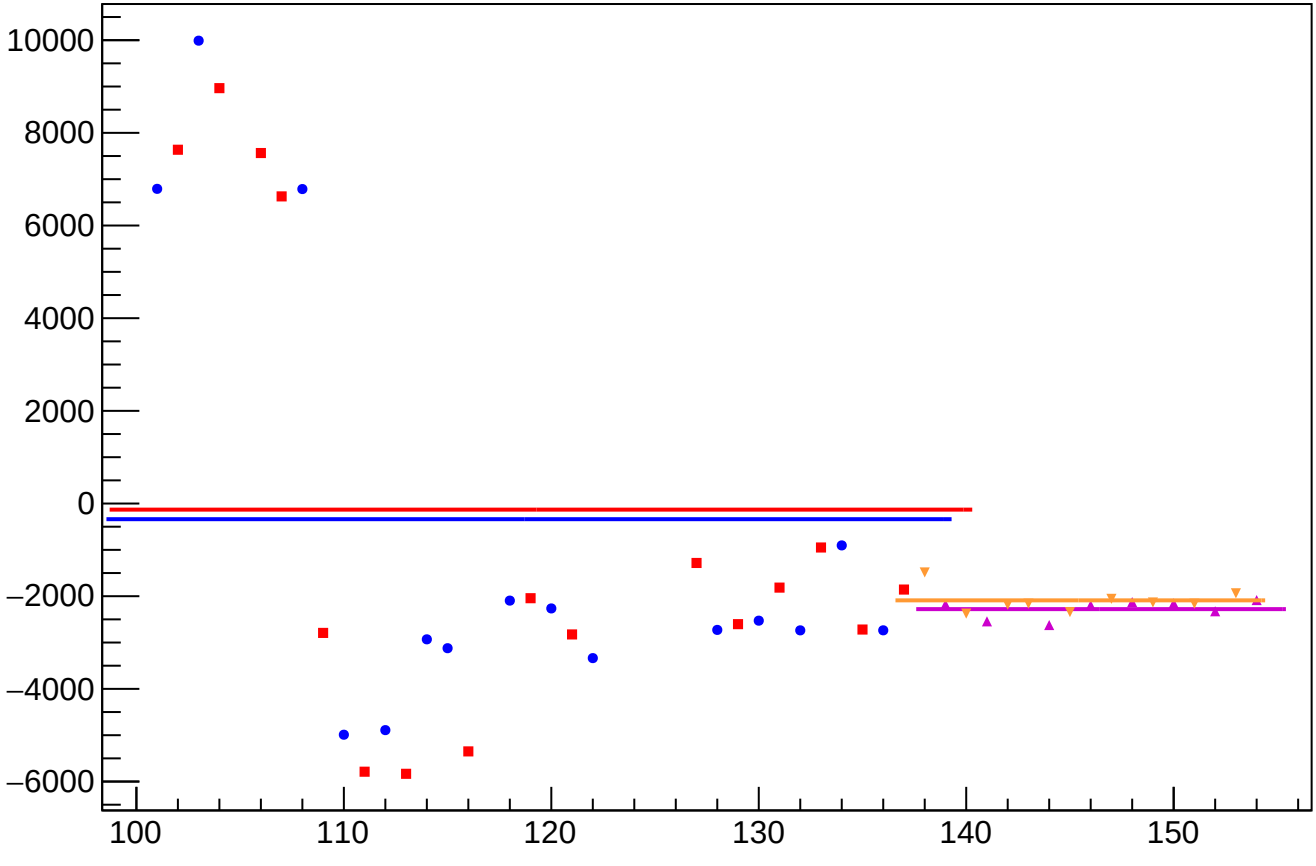
Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14
+ sign 1066.467+/-0.000 χ^2/NDF: 14576888197088
Left Out: 597.142+/-0.000 χ^2/NDF:1297081345749054993933806526402448588 8.0/8
All: 1240.926+/-0.000 χ^2/NDF: 1141796869 3
Right Out: 2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233 2928.0/15
- sign 1411.653+/-0.000 χ^2/NDF: 98803667792400
Left In: 616.997+/-0.000 χ^2/NDF:5443283687703597806534798454334423040.0/7

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:2951762920230562989583528029476356 0960.0/7

dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

+ sign -1232.917+/-0.000 χ^2/NDF: 1621370017360

Left Out: -2089.685+/-0.000 χ^2/NDF:435718438006826874322922964493040353 28.0/8

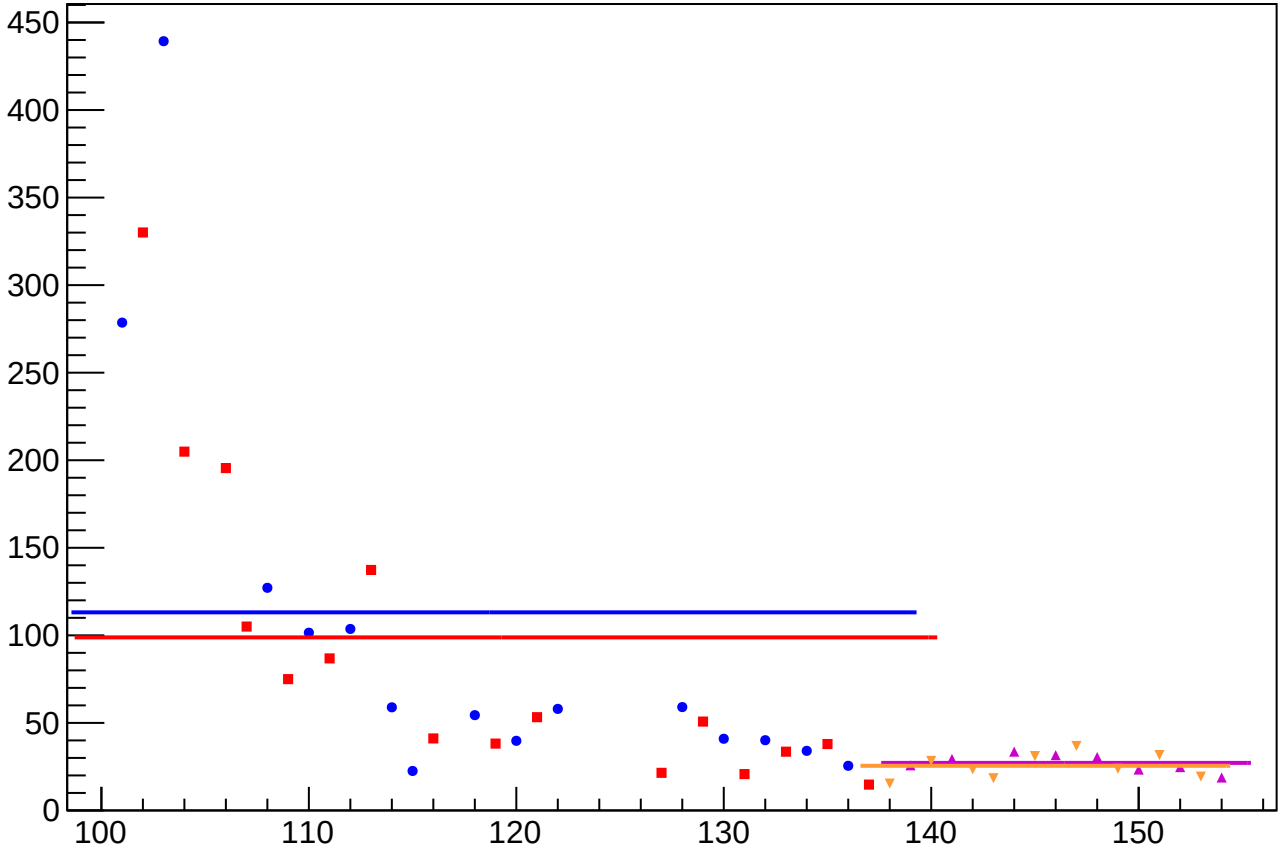
All: -1227.718+/-0.000 χ^2/NDF: 3427455617

Right Out: -131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206 8224.0/15

- sign -1222.629+/-0.000 χ^2/NDF: 18060785026336

Left In: -2278.875+/-0.000 χ^2/NDF:248422802696217762403106194518567813 12.0/7

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

+ sign 68.363+/-0.000 χ^2/NDF: 1256688045295754

Left Out: 25.507+/-0.000 χ^2/NDF:3114384552505392869250141167550464 0.0/8

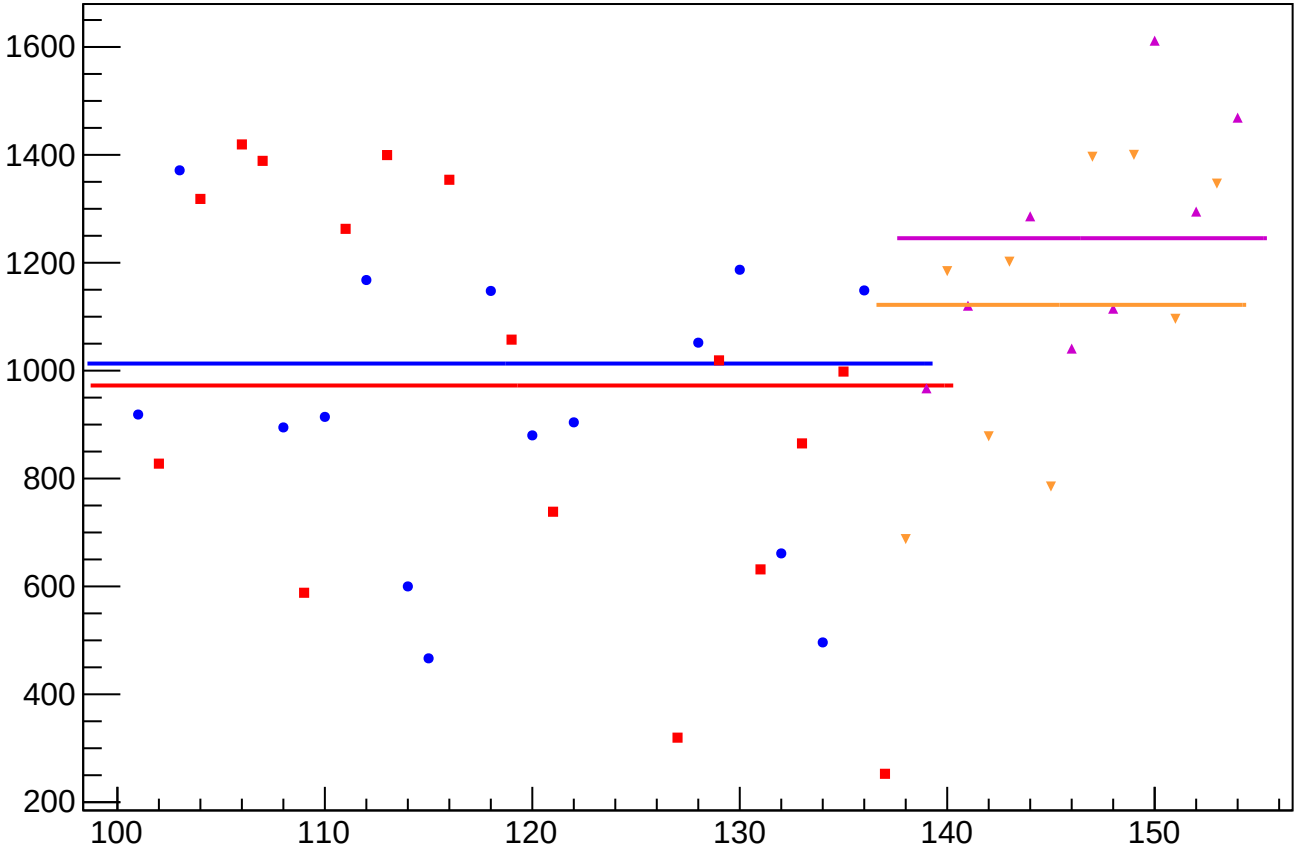
All: 65.358+/-0.000 χ^2/NDF: 198566139857 6

Right Out: 98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

- sign 62.417+/-0.000 χ^2/NDF: 7266021702502678

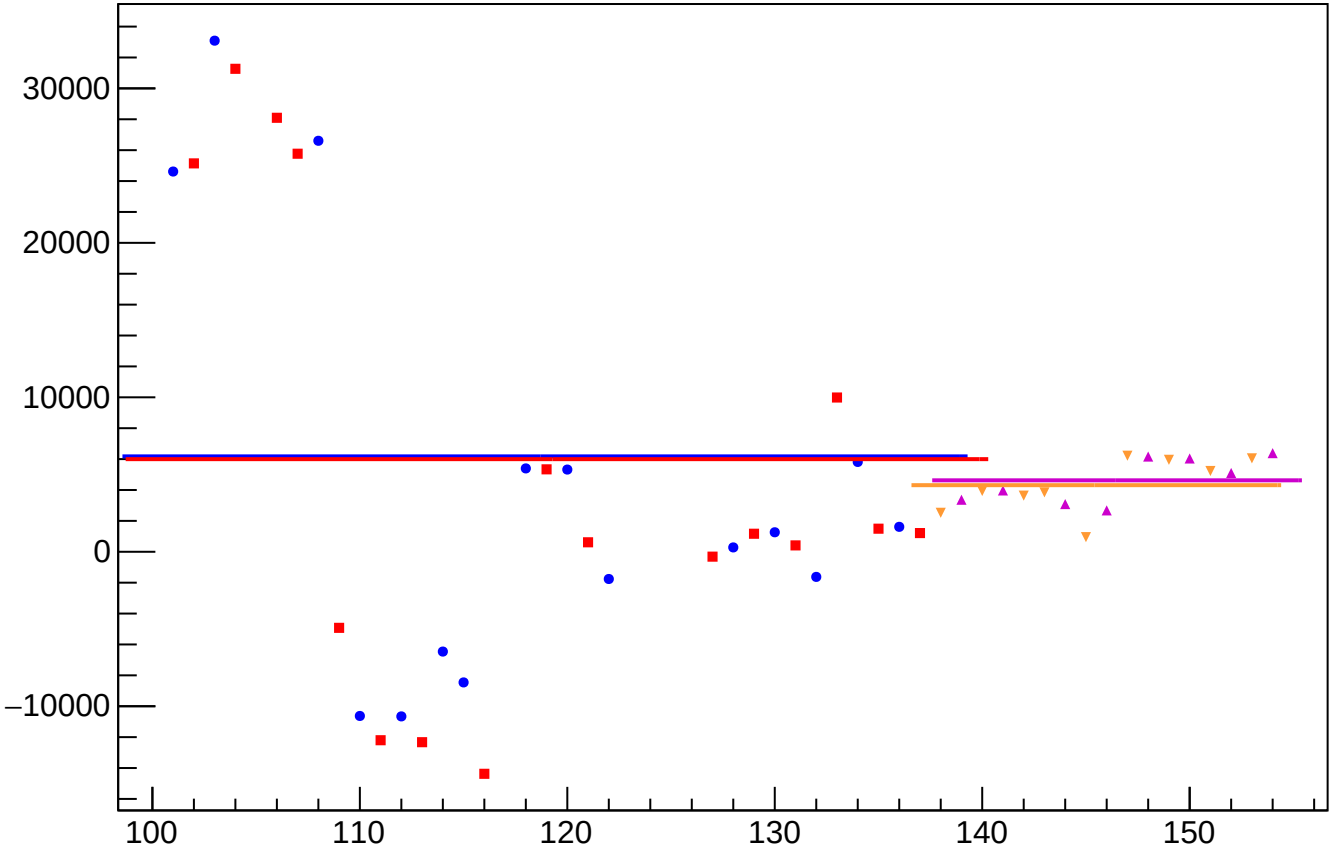
Left In: 27.163+/-0.000 χ^2/NDF:1482185232462521757076021165477068 8.0/7

dit_sam1_coil6_Ndata_mean vs Slug



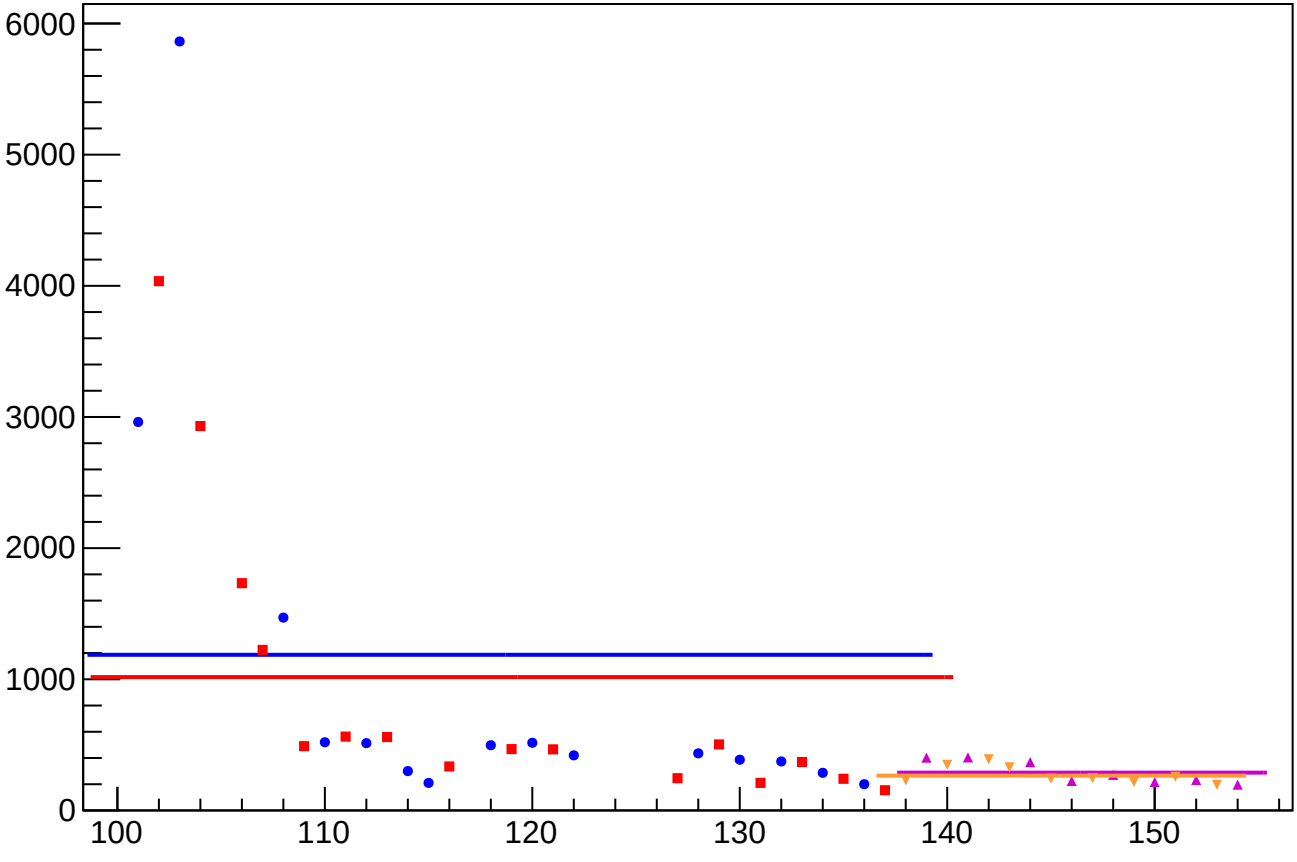
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:2951762920230562989583528029476356 0960.0/7

dit_sam2_coil6_mean vs Slug



Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
+ sign 5223.403+/-0.000 χ^2/NDF: 12045723592526
Left Out: 4312.036+/-0.000 χ^2/NDF:204491611887612435175266387296906117120 0.0/8
All: 5262.267+/-0.000 χ^2/NDF: 2595209796 1
Right Out: 5996.727+/-0.000 χ^2/NDF: 137057710785025136543407710107916356812800.0/15
- sign 5300.301+/-0.000 χ^2/NDF: 13905977774628
Left In: 4626.113+/-0.000 χ^2/NDF:136539489913832879299672033433088530841 6.0/7

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

+ sign 716.016+/-0.000 χ^2/NDF: 208038355934974

Left Out: 265.325+/-0.000 χ^2/NDF:2332548230649246155064474705254678528.0/8

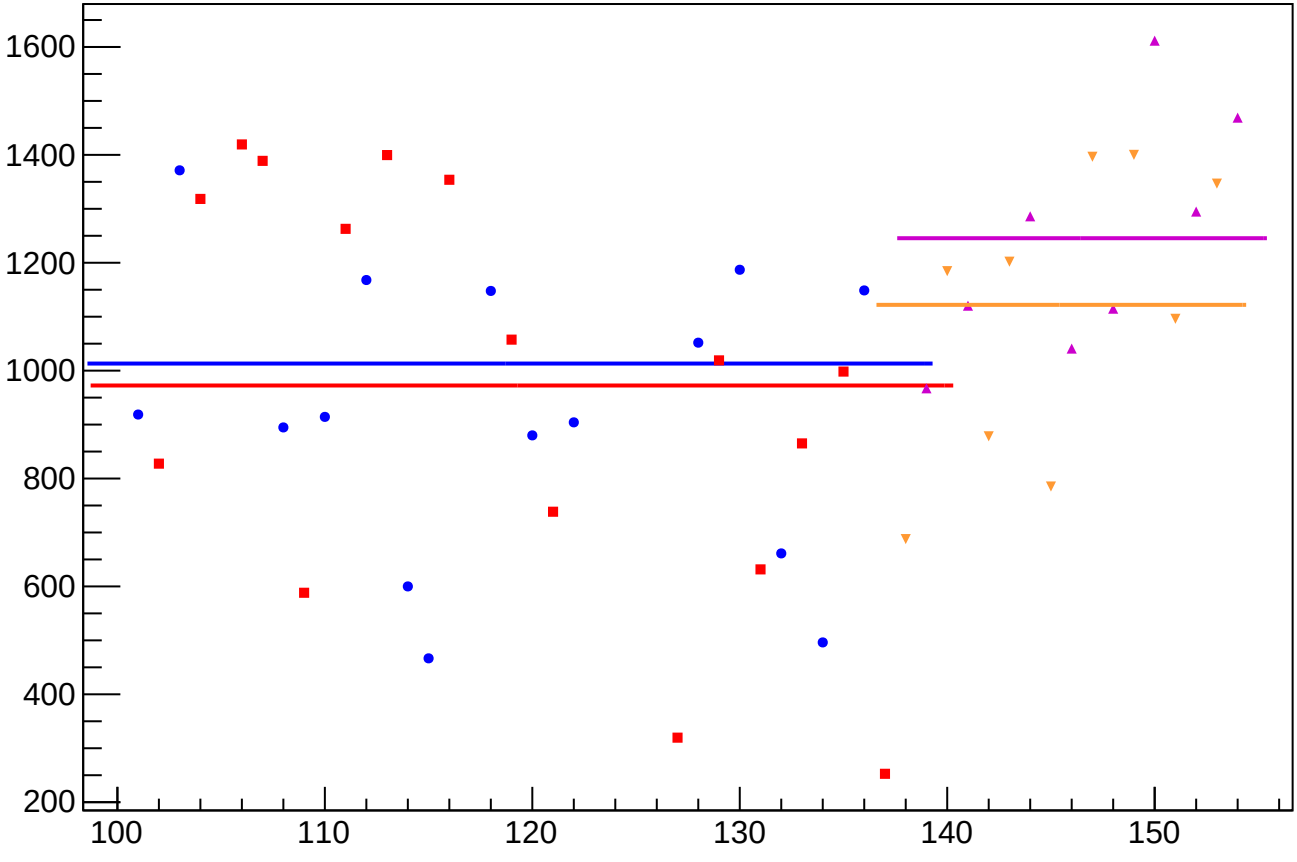
All: 680.947+/-0.000 χ^2/NDF: 31956920268

Right Out: 1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

- sign 646.628+/-0.000 χ^2/NDF: 111207934702777

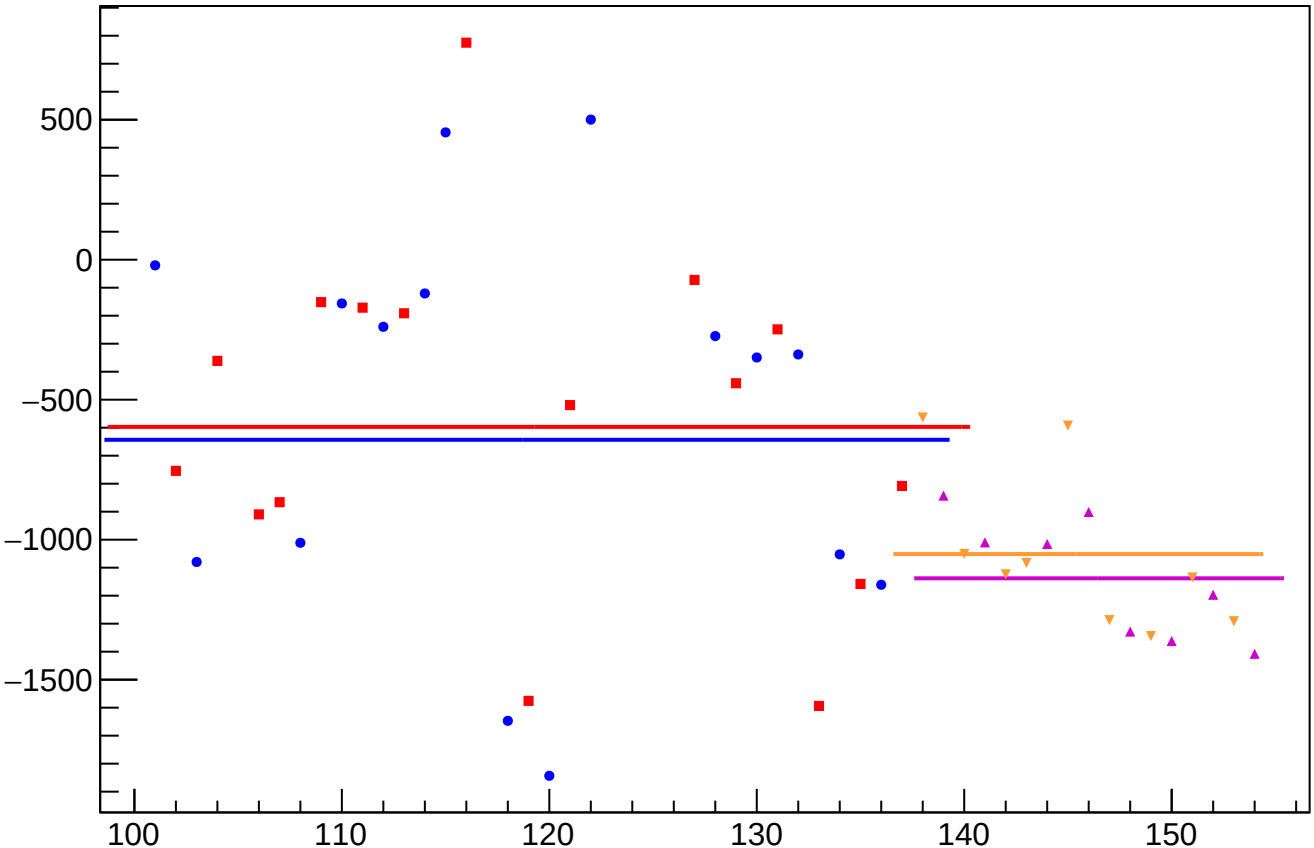
Left In: 288.341+/-0.000 χ^2/NDF:4623270574753261309958994311157645312.0/7

dit_sam2_coil6_Ndata_mean vs Slug



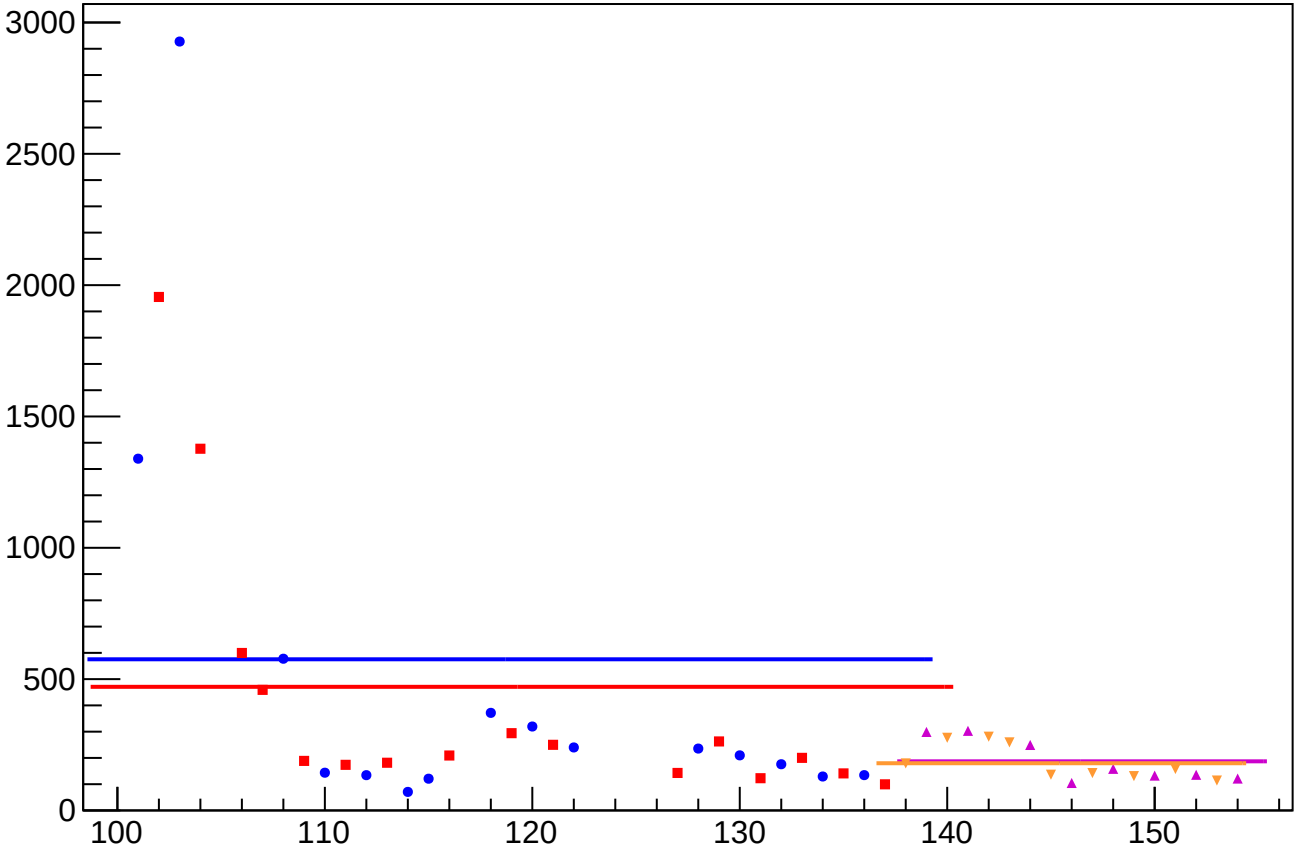
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:295176292023056298958352802947635609 60.0/7

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
+ sign -851.779+/-0.000 χ^2/NDF: 38088667839461
Left Out: -1051.421+/-0.000 χ^2/NDF:5290661016477160373803384463025399398 4.0/8
All: -861.954+/-0.000 χ^2/NDF: 7199156827 7
Right Out: -597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
- sign -871.912+/-0.000 χ^2/NDF: 33875715968451 5
Left In: -1138.005+/-0.000 χ^2/NDF:2884495581716840815553694427016645836 8.0/7

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

+ sign 373.322+/-0.000 χ^2/NDF: 487150389133269

Left Out: 179.767+/-0.000 χ^2/NDF:2534735883841469162226661621984395264.0/8

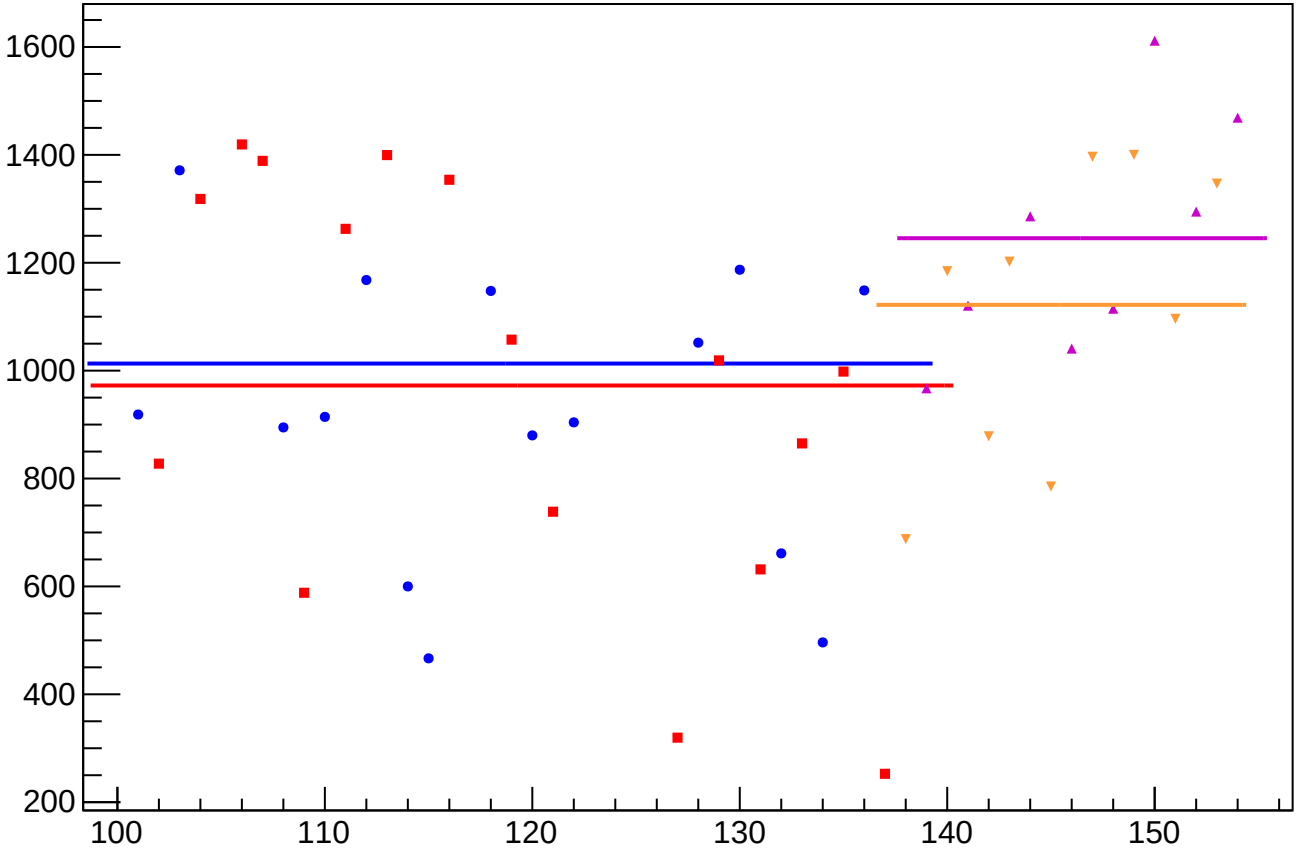
All: 349.702+/-0.000 χ^2/NDF: 729213988579

Right Out: 470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

- sign 326.587+/-0.000 χ^2/NDF: 240598729637282

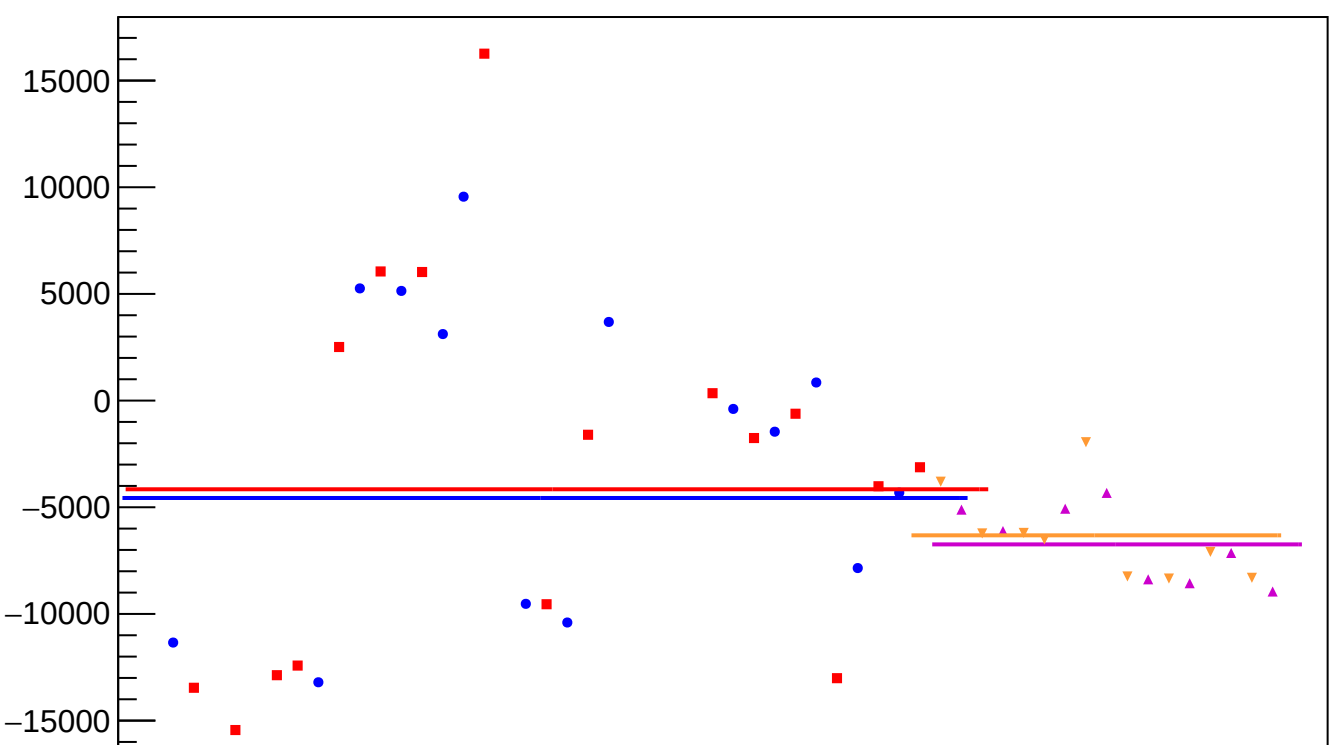
Left In: 187.060+/-0.000 χ^2/NDF:401908020685045978578108880103093043 2.0/7

dit_sam3_coil6_Ndata_mean vs Slug



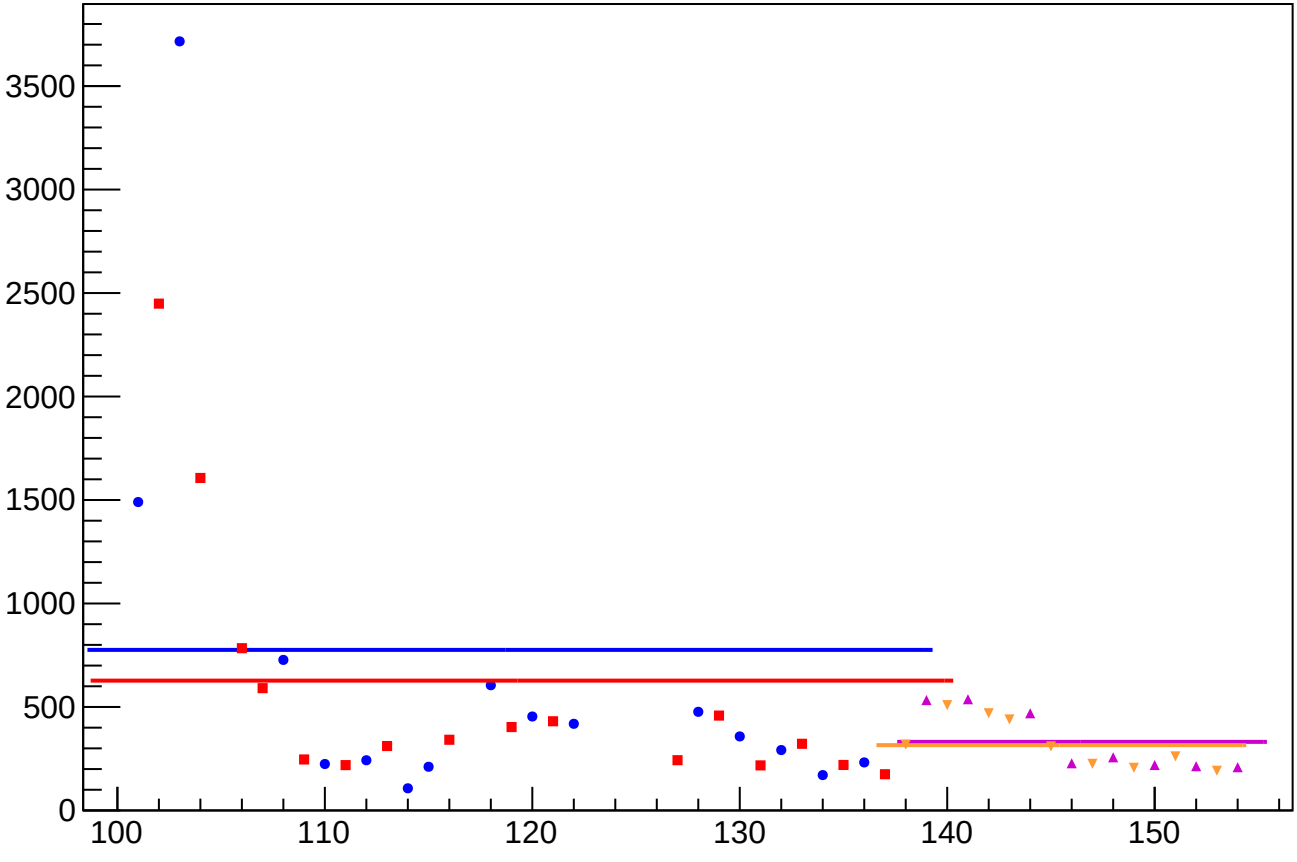
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:295176292023056298958352802947635609 60.0/7

dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
+ sign -5459.589+/-0.000 χ^2/NDF: 3974070568591
Left Out: -6315.519+/-0.000 χ^2/NDF:3057314330097142151918980180401262166016.0/8
All: -5464.659+/-0.000 χ^2/NDF: 8949804816
Right Out: -4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219596 8.0/15
- sign -5469.622+/-0.000 χ^2/NDF: 4975727497539 3
Left In: -6740.468+/-0.000 χ^2/NDF:1955578603110528311190044152503505780736.0/7

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Left Out: 315.540+/-0.000 χ^2/NDF:836187948926250823940156932011484774 4.0/8

Right Out: 627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

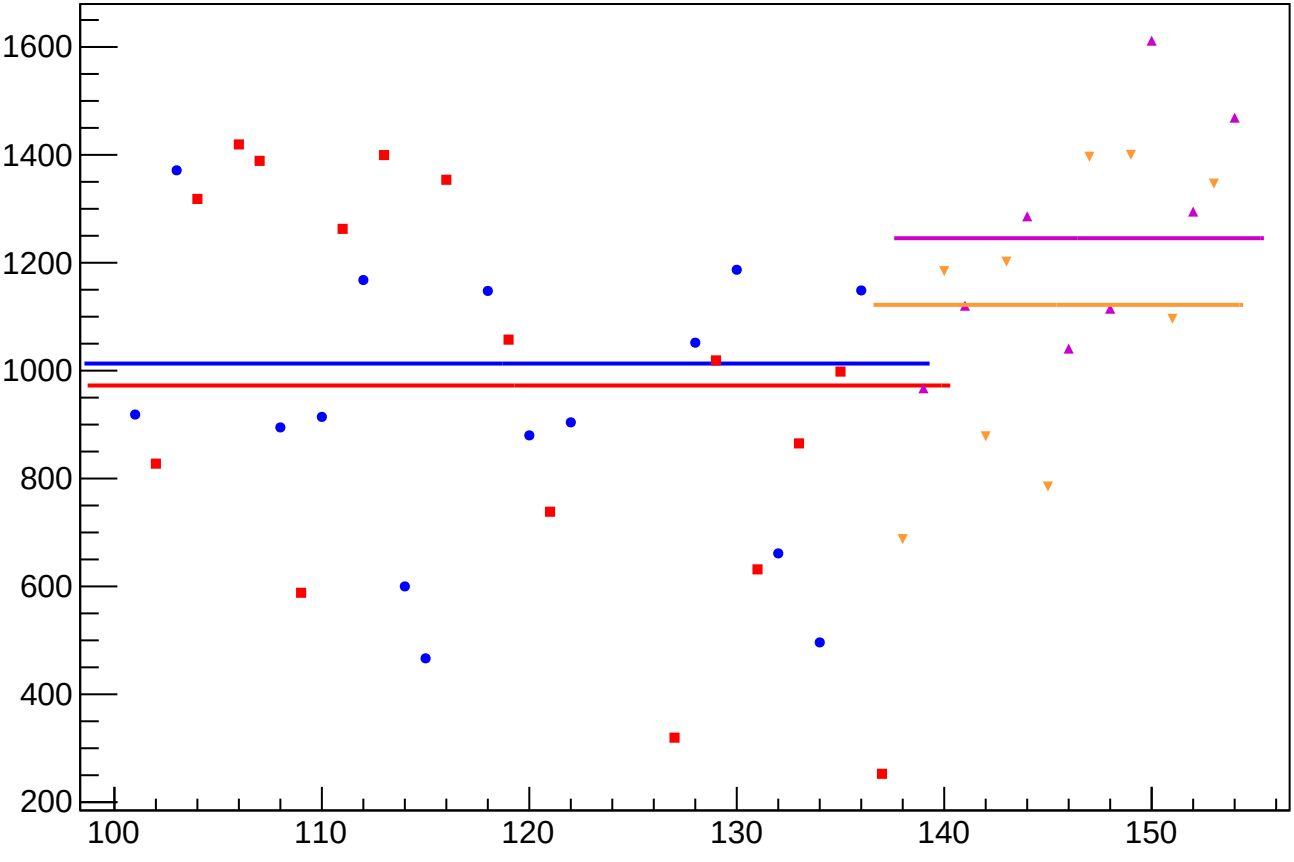
Left In: 331.420+/-0.000 χ^2/NDF:136397775567815544989585336998402457 60.0/7

+ sign 540.653+/-0.000 χ^2/NDF: 720470100059630

All: 508.466+/-0.000 χ^2/NDF: 10640204622 8

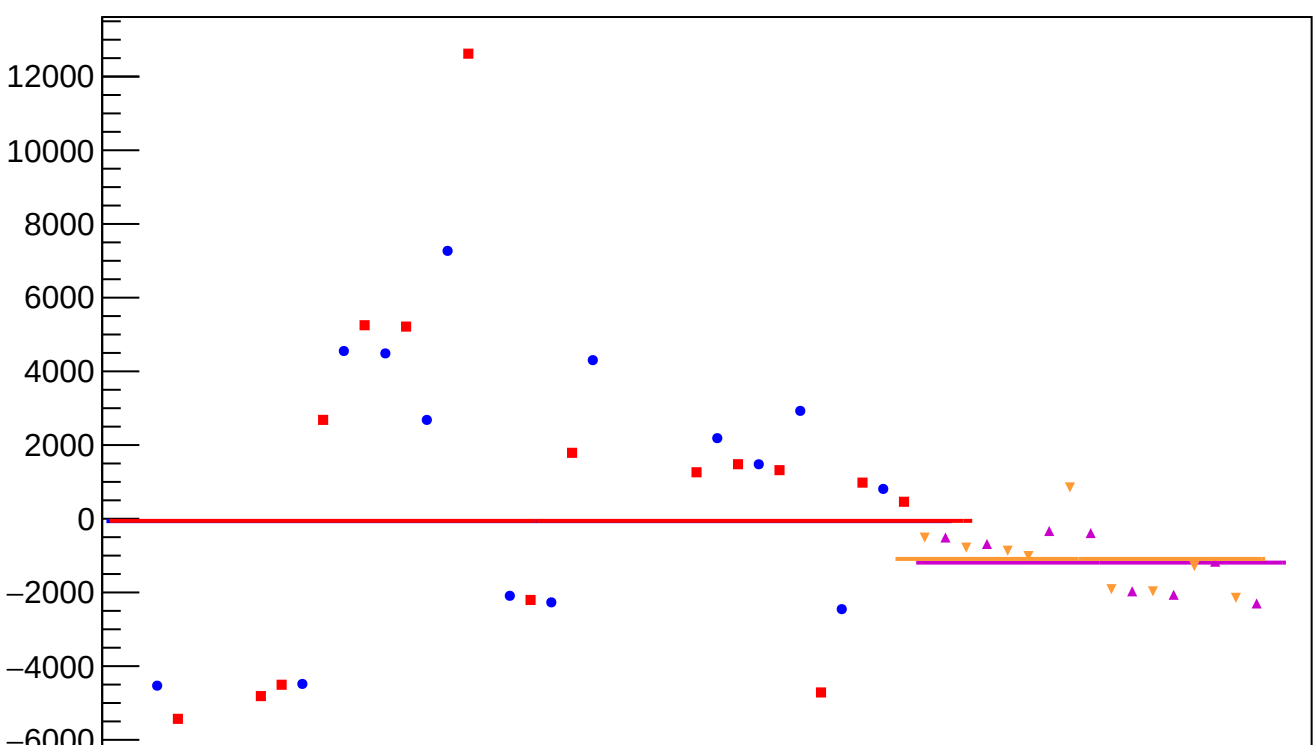
- sign 476.967+/-0.000 χ^2/NDF: 340830213069933

dit_sam4_coil6_Ndata_mean vs Slug



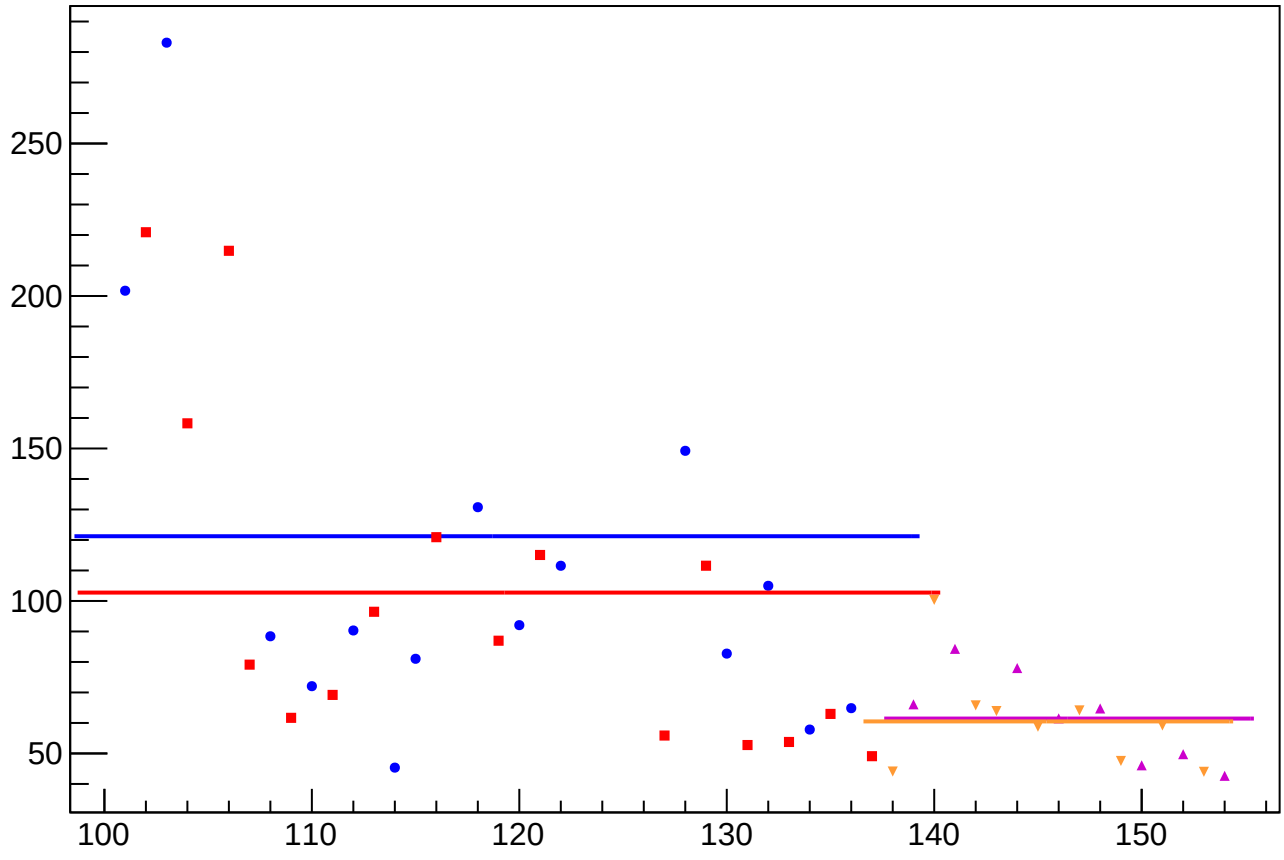
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:295176292023056298958352802947635609 60.0/7

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
+ sign -588.594+/-0.000 χ^2/NDF: 10519898510509
Left Out: -1090.030+/-0.000 χ^2/NDF:557106879899790376801232131965608525824.0/8
All: -610.998+/-0.000 χ^2/NDF: 2514521287 0
Right Out: -57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779 79904.0/15
- sign -632.923+/-0.000 χ^2/NDF: 14623996402395 7
Left In: -1190.236+/-0.000 χ^2/NDF:407975952528458736493860490727991017472.0/7

dit_sam5_coil6_err_mean vs Slug



Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14

+ sign 90.203+/-0.000 χ^2/NDF: 4137850161402020

Left Out: 60.506+/-0.000 χ^2/NDF:192059127544567289416488708107927552.0/8

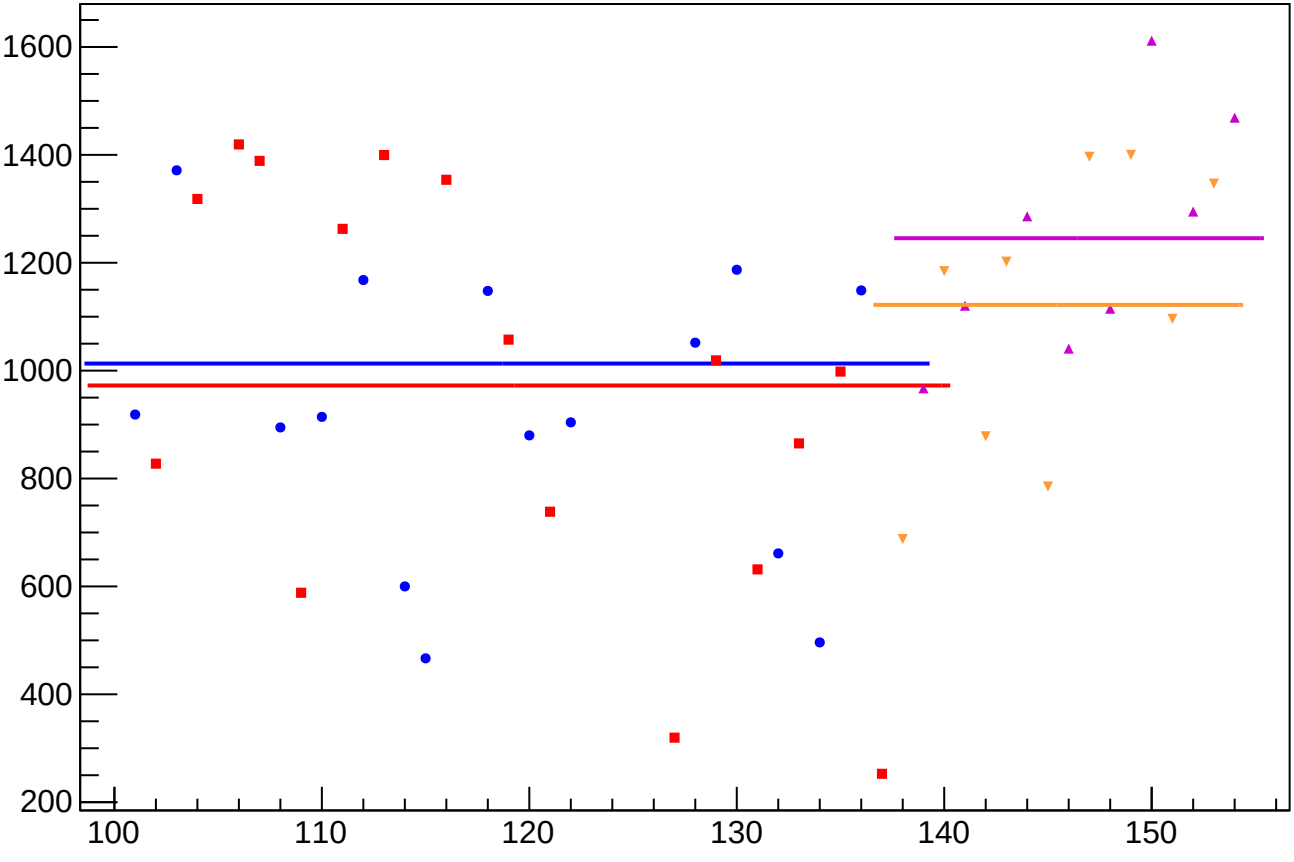
All: 85.936+/-0.000 χ^2/NDF: 6867828464477

Right Out: 102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15

- sign 81.759+/-0.000 χ^2/NDF: 2682156292626812

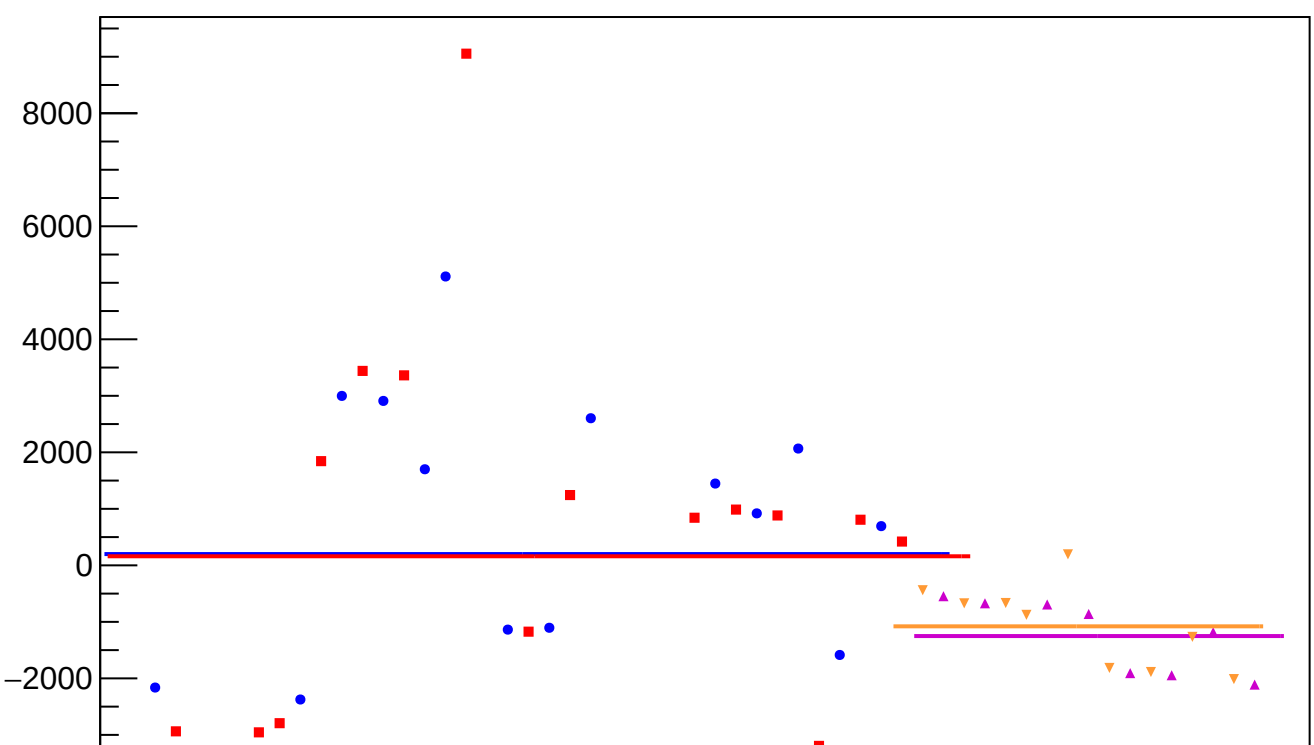
Left In: 61.440+/-0.000 χ^2/NDF:136150050284622918922244984796086272.0/7

dit_sam5_coil6_Ndata_mean vs Slug



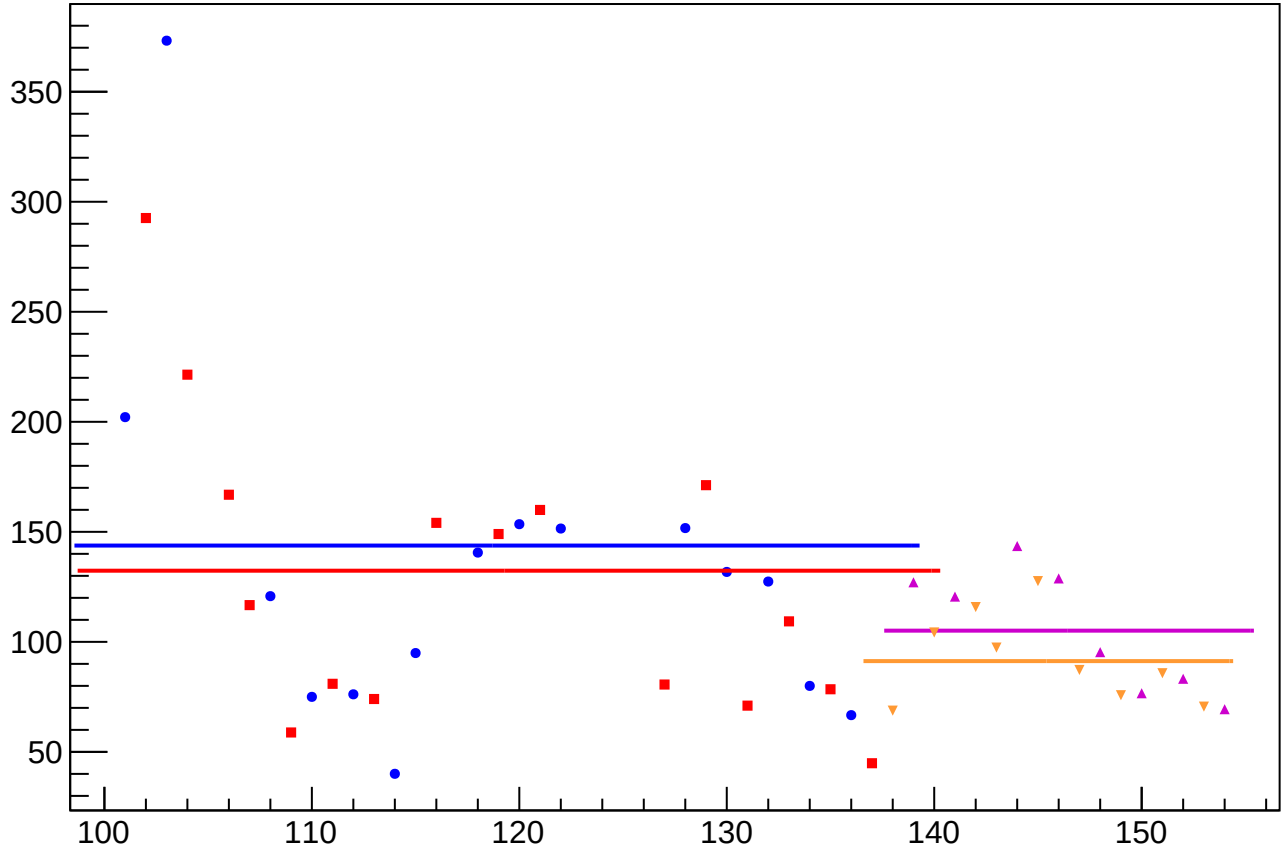
Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:295176292023056298958352802947635609 60.0/7

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14
+ sign -453.823+/-0.000 χ^2/NDF: 41716874180300
Left Out: -1079.204+/-0.000 χ^2/NDF:36134453696097687417386562267255511449 6.0/8
All: -505.865+/-0.000 χ^2/NDF: 10790084795
Right Out: 160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15
- sign -556.795+/-0.000 χ^2/NDF: 66112861221927 8
Left In: -1251.197+/-0.000 χ^2/NDF:2552860650091251516675202641054222 25408.0/7

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

+ sign 116.935+/-0.000 χ^2/NDF: 567993306626661

Left Out: 91.255+/-0.000 χ^2/NDF:2508947081590521170066189017531023 36.0/8

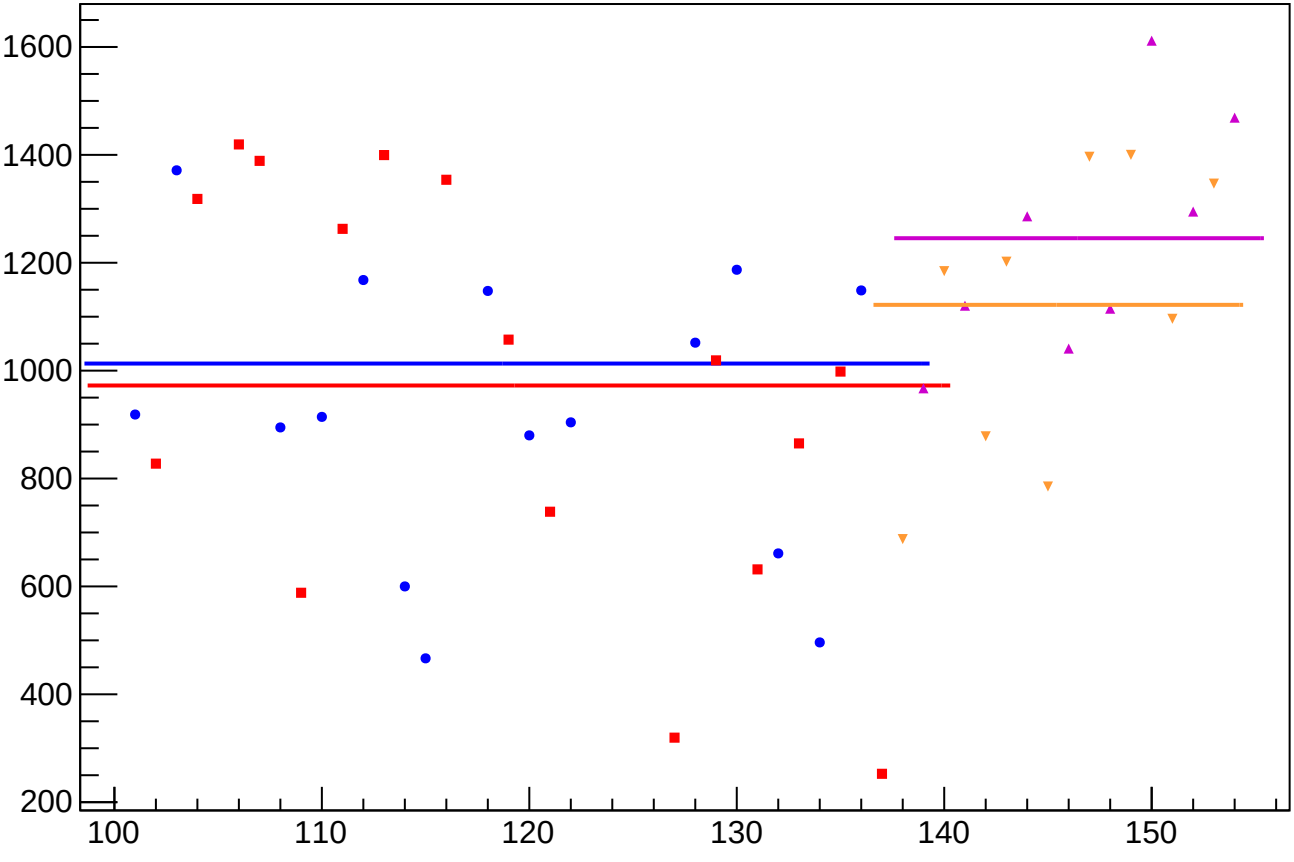
All: 117.725+/-0.000 χ^2/NDF: 958172576927

Right Out: 132.341+/-0.000 χ^2/NDF: 3174087908796245287682359914282352640.0/15

- sign 118.497+/-0.000 χ^2/NDF: 390015739991932

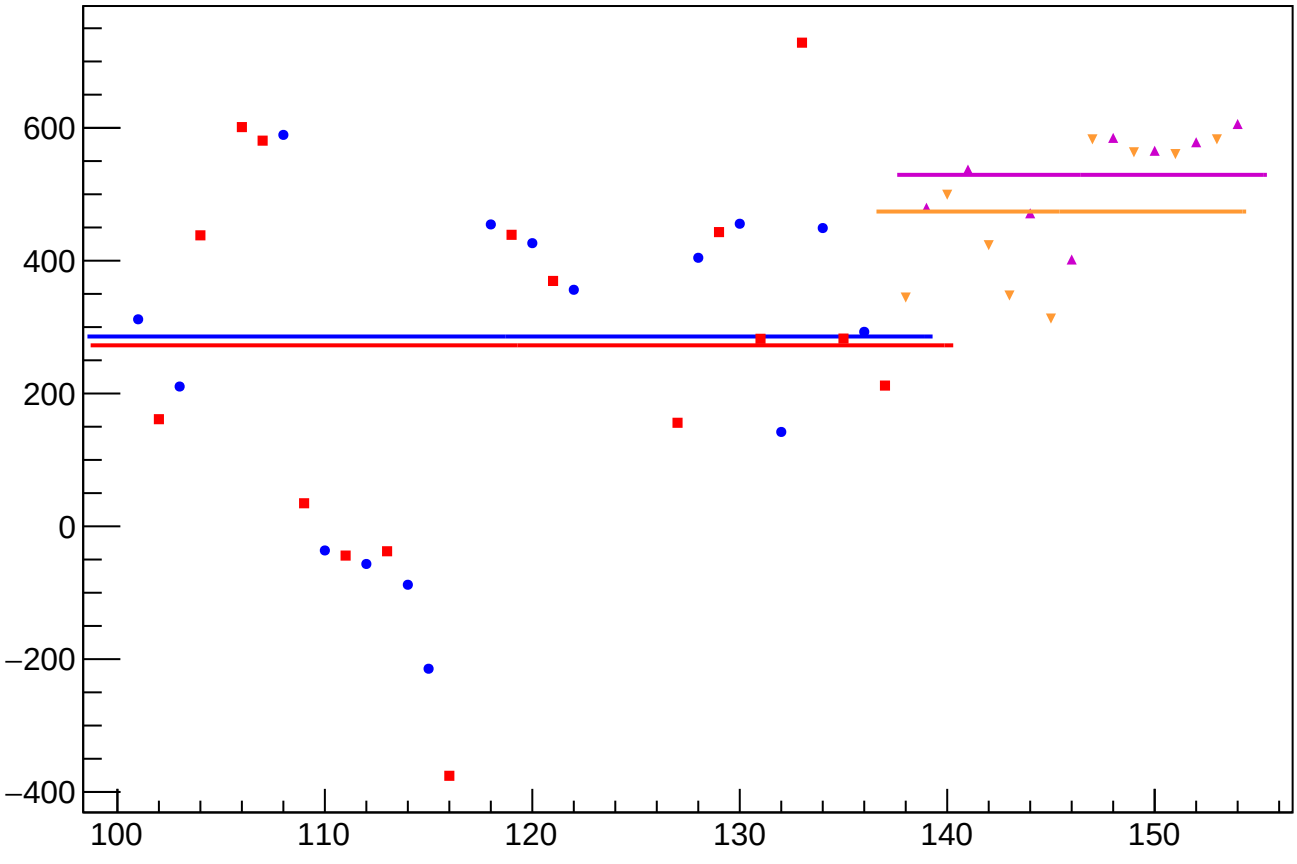
Left In: 105.095+/-0.000 χ^2/NDF:4744921721188865747212809468127477 76.0/7

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:295176292023056298958352802947635609 60.0/7

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Left Out: 474.010+/-0.000 χ^2/NDF:782487495100866678187344774119292928 0.0/8

Right Out: 272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

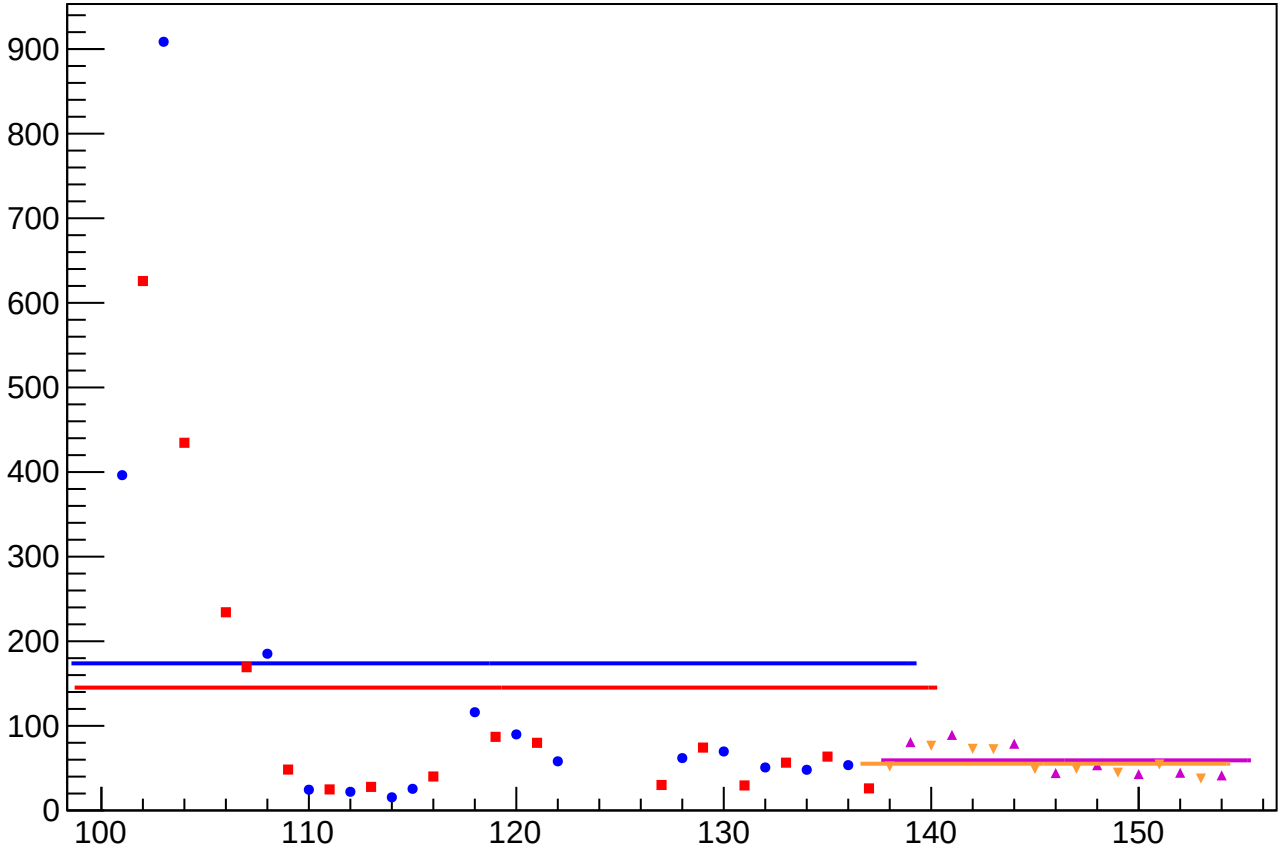
Left In: 529.271+/-0.000 χ^2/NDF:2962518492441283447355685929450733568.0/7

+ sign 381.989+/-0.000 χ^2/NDF: 4367212555507 78

All: 392.602+/-0.000 χ^2/NDF: 1134184319 92

- sign 402.987+/-0.000 χ^2/NDF: 694505934705234

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

+ sign 113.261+/-0.000 χ^2/NDF: 46485349230842

Left Out: 55.244+/-0.000 χ^2/NDF:11358926273665861027782068694260121 6.0/8

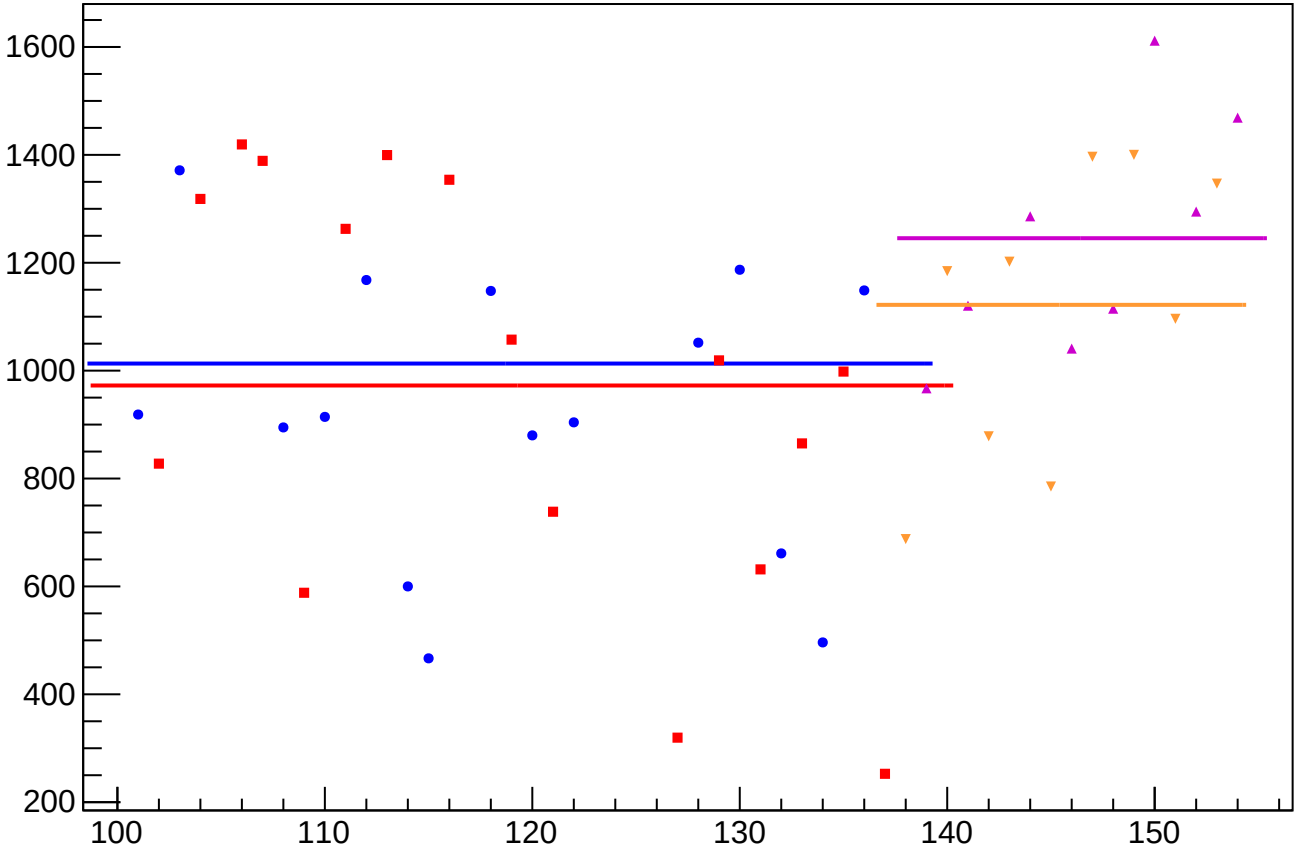
All: 107.331+/-0.000 χ^2/NDF: 71855528661

Right Out: 145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

- sign 101.527+/-0.000 χ^2/NDF: 252778336947562

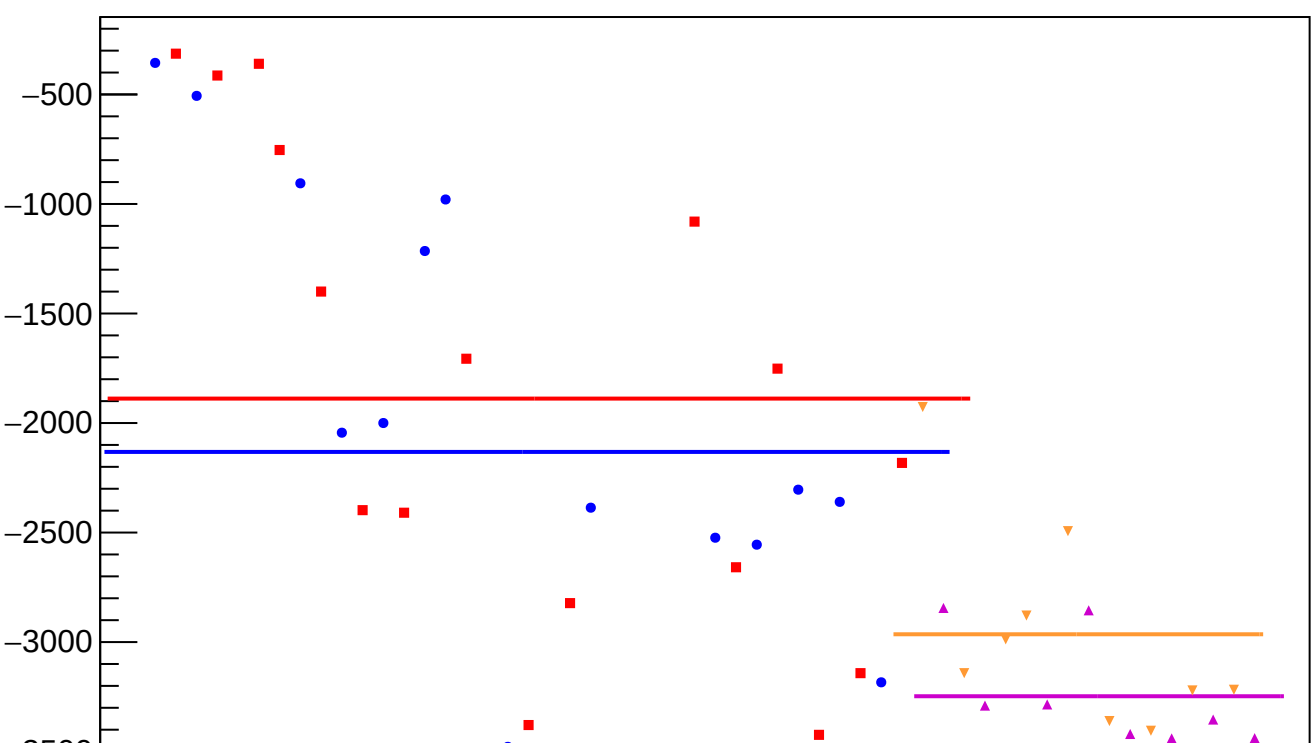
Left In: 59.221+/-0.000 χ^2/NDF:24124651729304543965197922461967974 4.0/7

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:2951762920230562989583528029476356 0960.0/7

dit_sam8_coil6_mean vs Slug



Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

Left Out: -2964.363+/-0.000 χ^2/NDF:1440569395464789723559425613741099581 44.0/8

Right Out: -1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

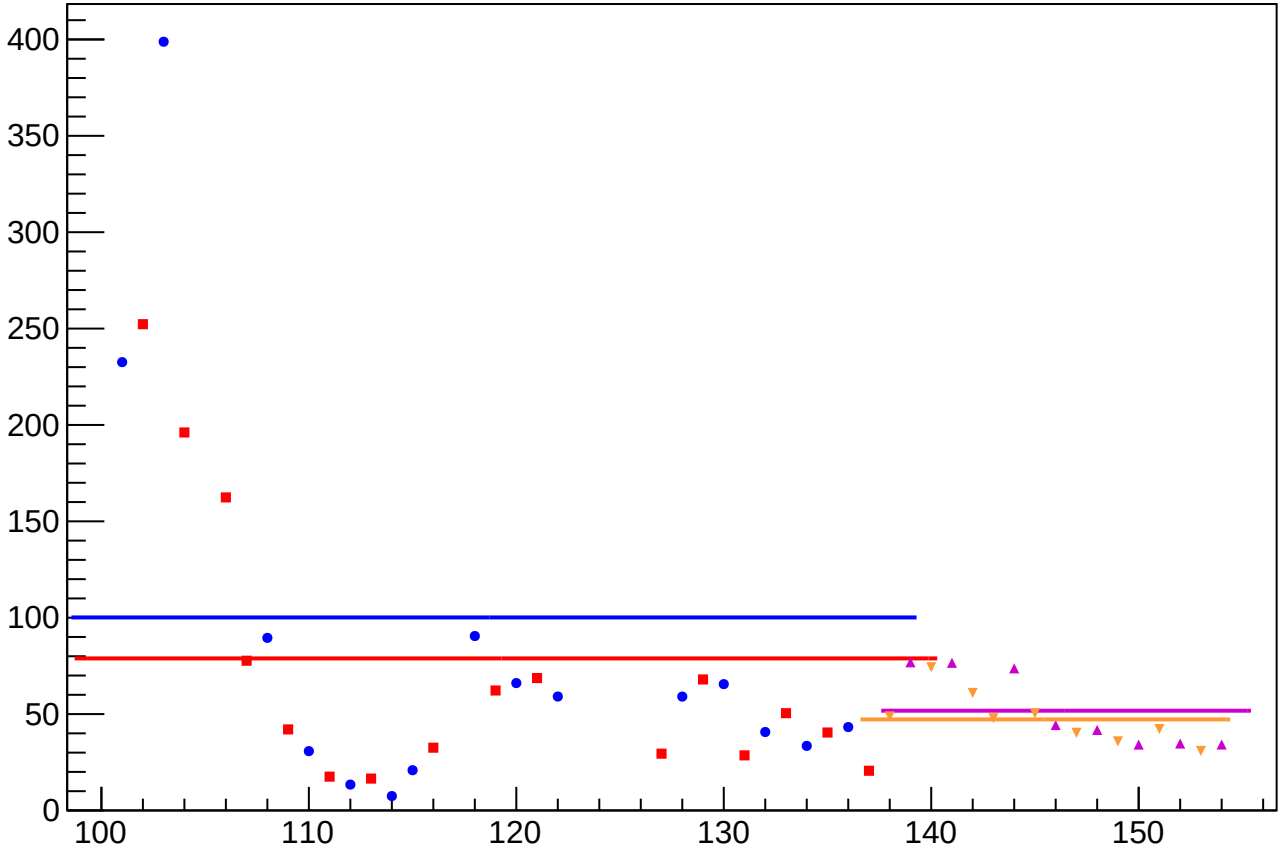
Left In: -3247.257+/-0.000 χ^2/NDF:3631372114891244767483531055267525427 2.0/7

+ sign -2557.230+/-0.000 χ^2/NDF: 1096278857286

All: -2568.170+/-0.000 χ^2/NDF: 2550645152

- sign -2578.875+/-0.000 χ^2/NDF: 1454052084279 8

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

+ sign 73.102+/-0.000 χ^2/NDF: 8851286510416877

Left Out: 47.225+/-0.000 χ^2/NDF:10909803215947630627425691255386931 2.0/8

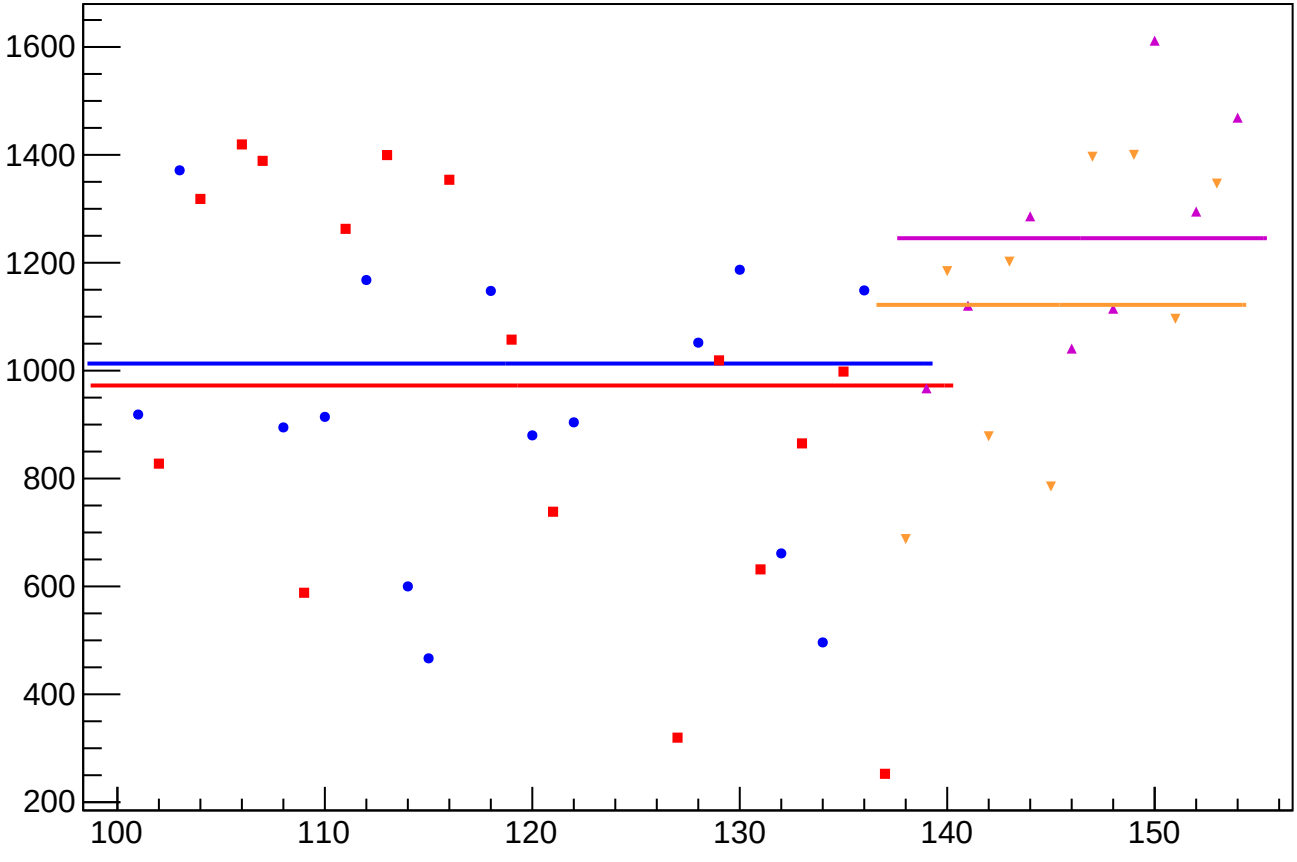
All: 69.057+/-0.000 χ^2/NDF: 1290892787863

Right Out: 78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

- sign 65.099+/-0.000 χ^2/NDF: 4014686114204009

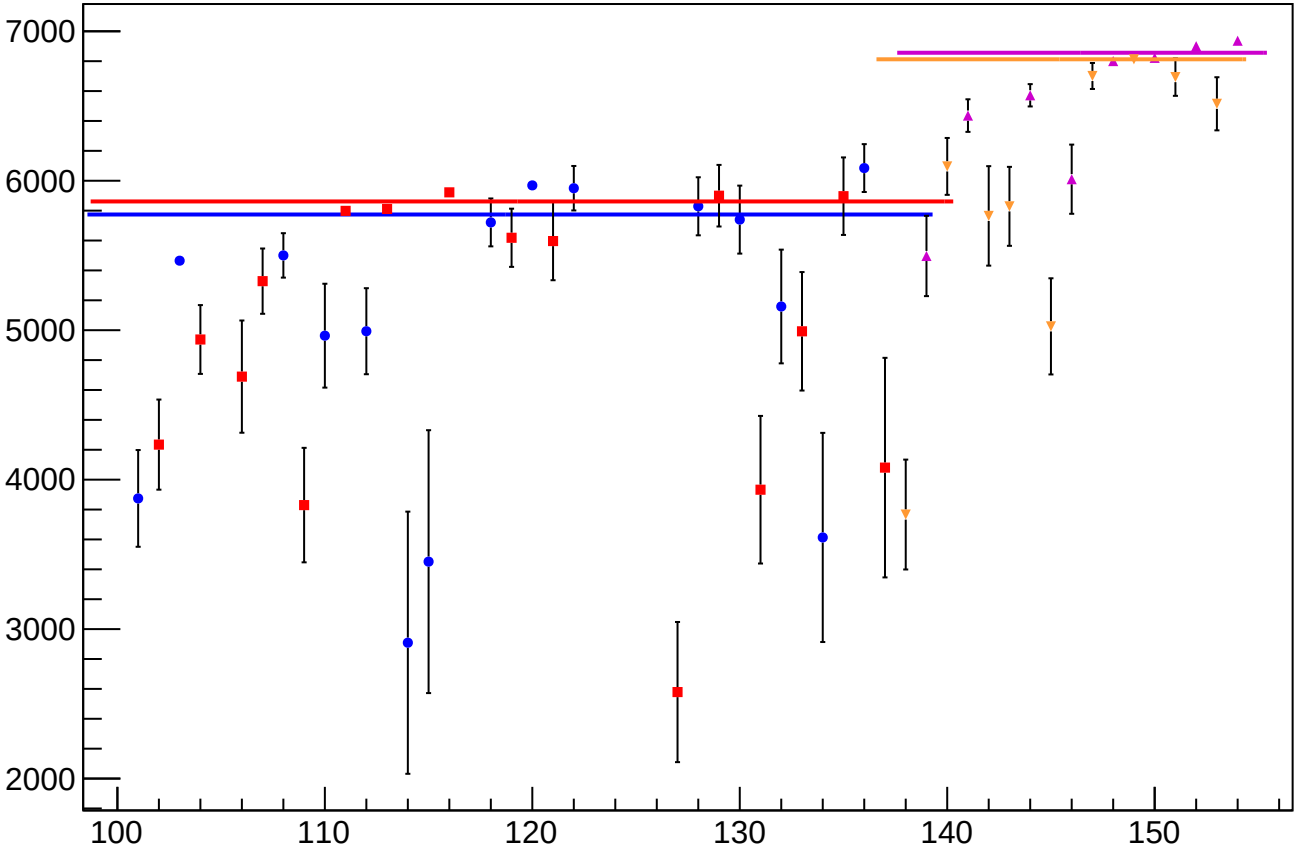
Left In: 51.757+/-0.000 χ^2/NDF:2402238482859386270468042893861847 04.0/7

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14
+ sign 1068.748+/-0.000 χ^2/NDF: 79742308009292
Left Out: 1121.971+/-0.000 χ^2/NDF:4409410117425038381709514549377577 7792.0/8
All: 1090.204+/-0.000 χ^2/NDF: 2146201499 4
Right Out: 972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15
- sign 1111.202+/-0.000 χ^2/NDF: 13366903292658
Left In: 1245.509+/-0.000 χ^2/NDF:2951762920230562989583528029476356 0960.0/7

dit_run_mean vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6812.620+/-0.311 χ^2/NDF:142.8/8

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

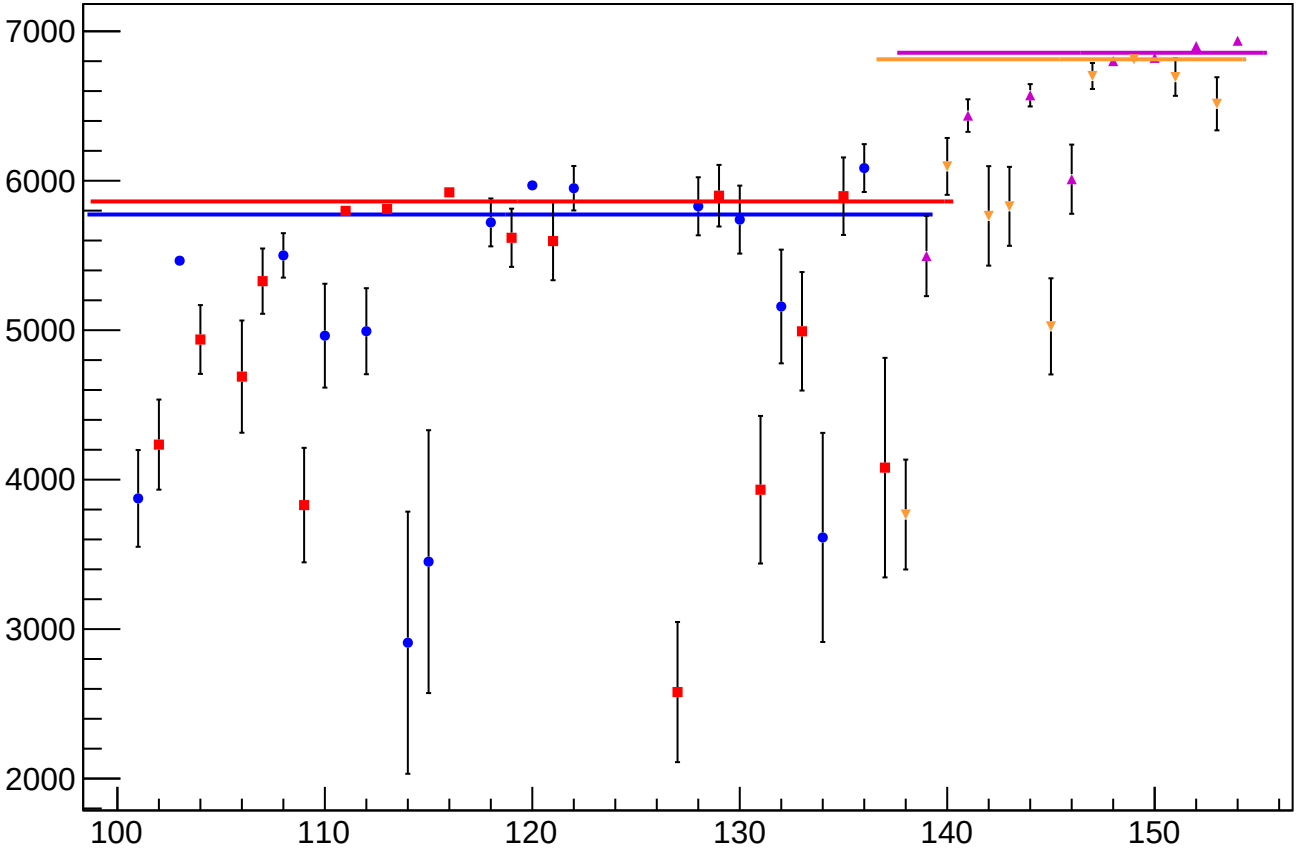
Left In: 6856.400+/-0.193 χ^2/NDF:91986.6/7

+ sign 6038.096+/-0.157 χ^2/NDF: 10154669.7/23

All: 6146.855+/-0.092 χ^2/NDF: 28626341.6/4

- sign 6203.477+/-0.113 χ^2/NDF: 17739214.8/23

dit_run_rms vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6812.620+/-0.311 χ^2/NDF:142.8/8

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

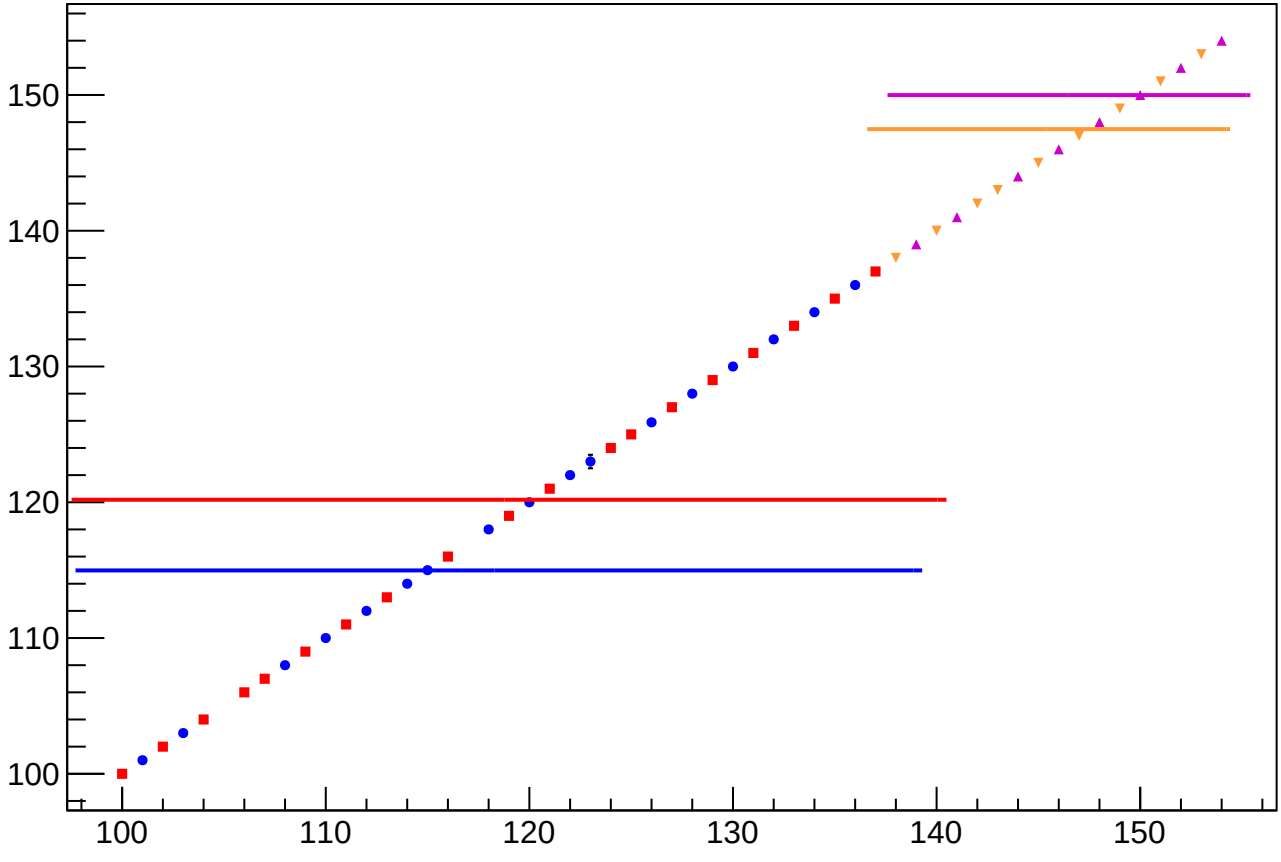
Left In: 6856.400+/-0.193 χ^2/NDF:91986.6/7

+ sign 6038.096+/-0.157 χ^2/NDF: 10154669.7/23

All: 6146.855+/-0.092 χ^2/NDF: 28626341.6/4

- sign 6203.477+/-0.113 χ^2/NDF: 17739214.8/23

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Left Out: 147.485+/-0.000 χ^2/NDF:1290081864805054371251451278131 2.0/8

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

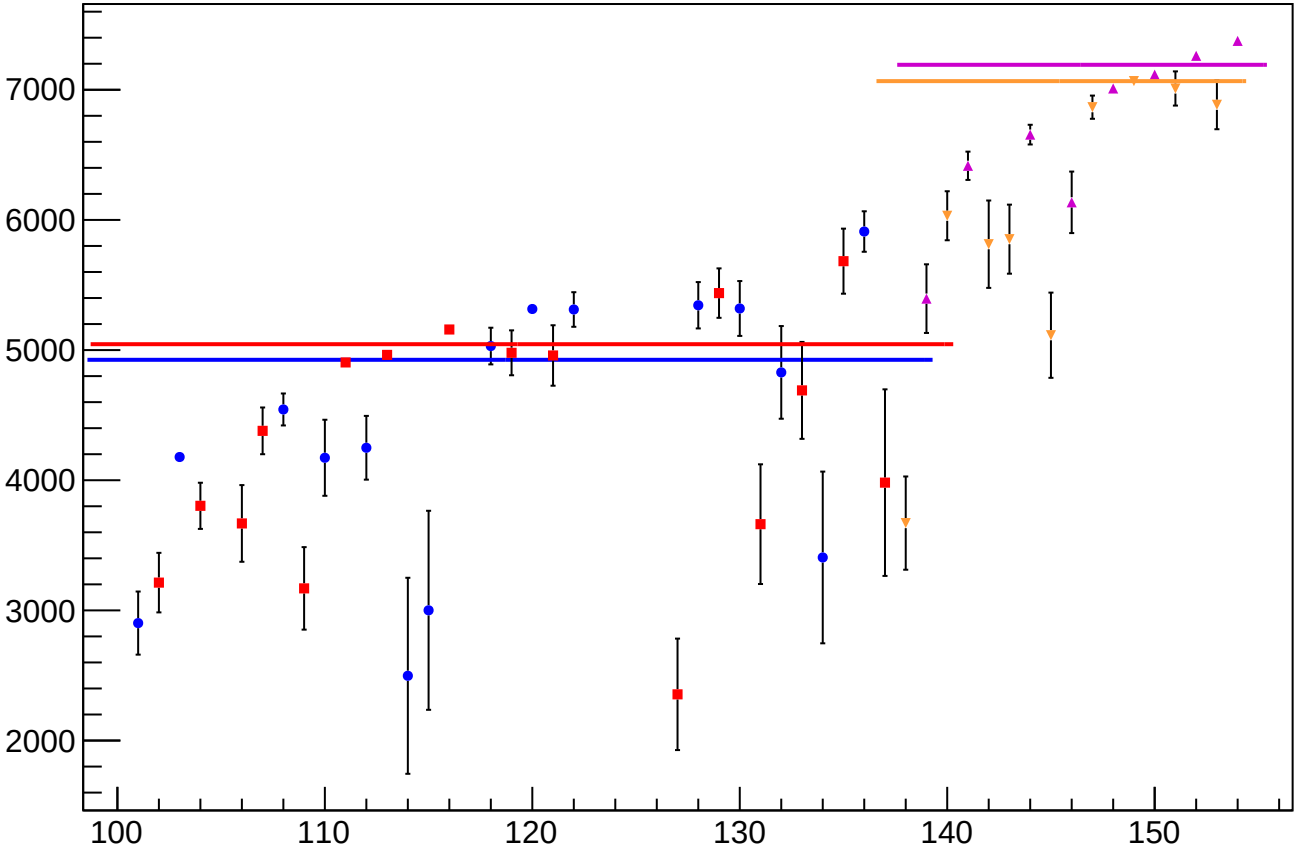
Left In: 149.989+/-0.000 χ^2/NDF:60906087232822239430326322462 72.0/7

+ sign 120.371+/-0.000 χ^2/NDF: 38383002992138 6

All: 124.327+/-0.000 χ^2/NDF: 7741133625 78

- sign 129.168+/-0.000 χ^2/NDF: 32871406811622 6

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7066.429+/-1.478 χ^2/NDF:196.7/8

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

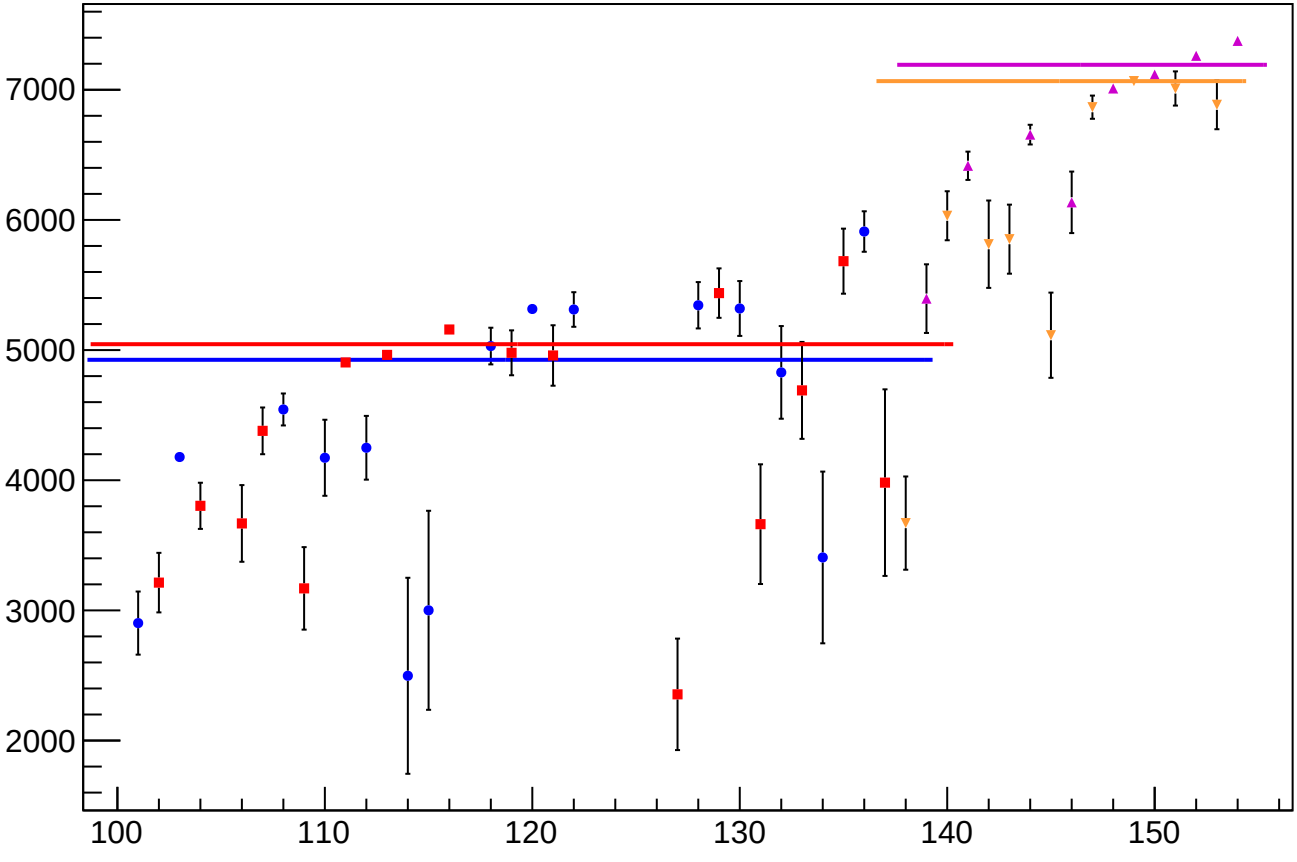
Left In: 7191.878+/-0.849 χ^2/NDF:26668.4/7

+ sign 5540.983+/-0.792 χ^2/NDF: 1827228.3/23

All: 5766.377+/-0.438 χ^2/NDF: 5947751.2/47

- sign 5865.332+/-0.525 χ^2/NDF: 4004070.6/23

dit_cyclenum_rms vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7066.429+/-1.478 χ^2/NDF:196.7/8

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

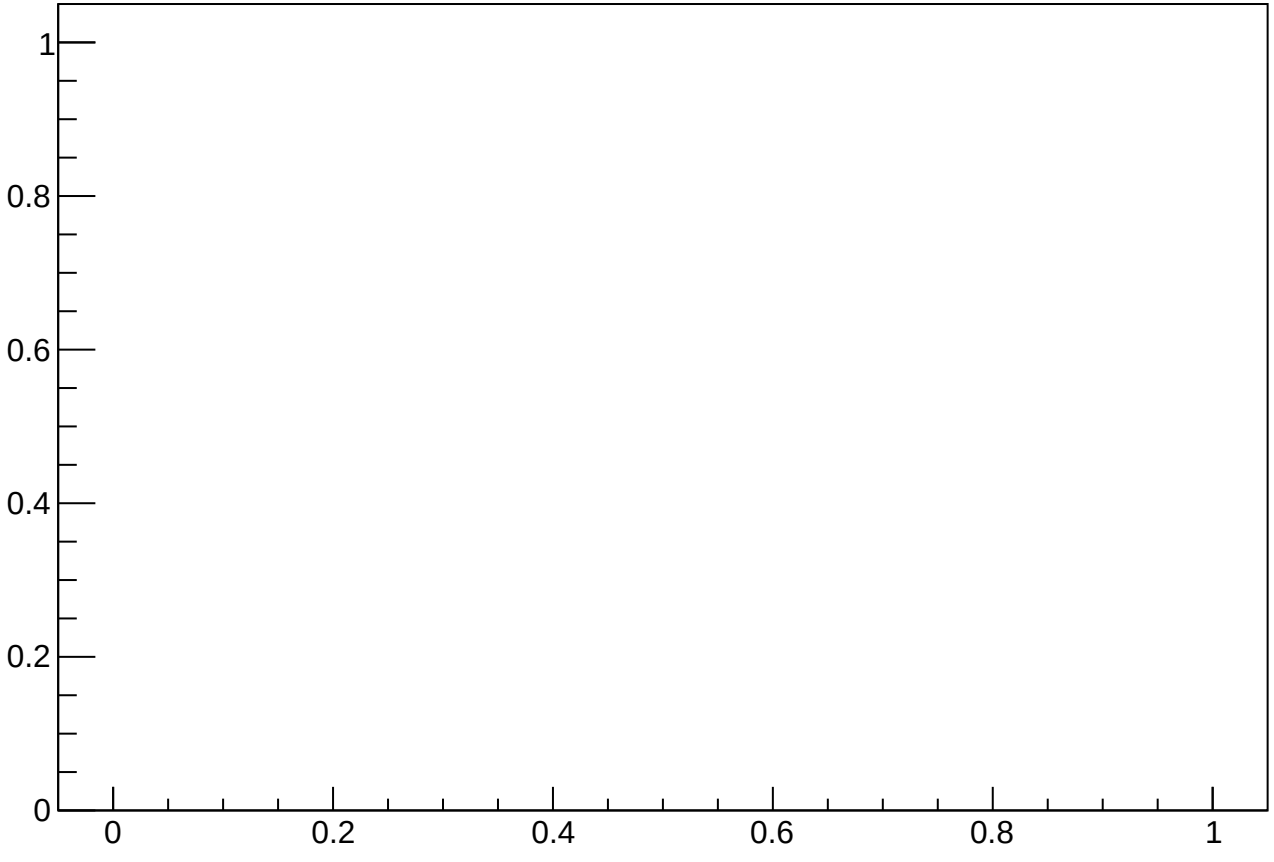
Left In: 7191.878+/-0.849 χ^2/NDF:26668.4/7

+ sign 5540.983+/-0.792 χ^2/NDF: 1827228.3/23

All: 5766.377+/-0.438 χ^2/NDF: 5947751.2/47

- sign 5865.332+/-0.525 χ^2/NDF: 4004070.6/23

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

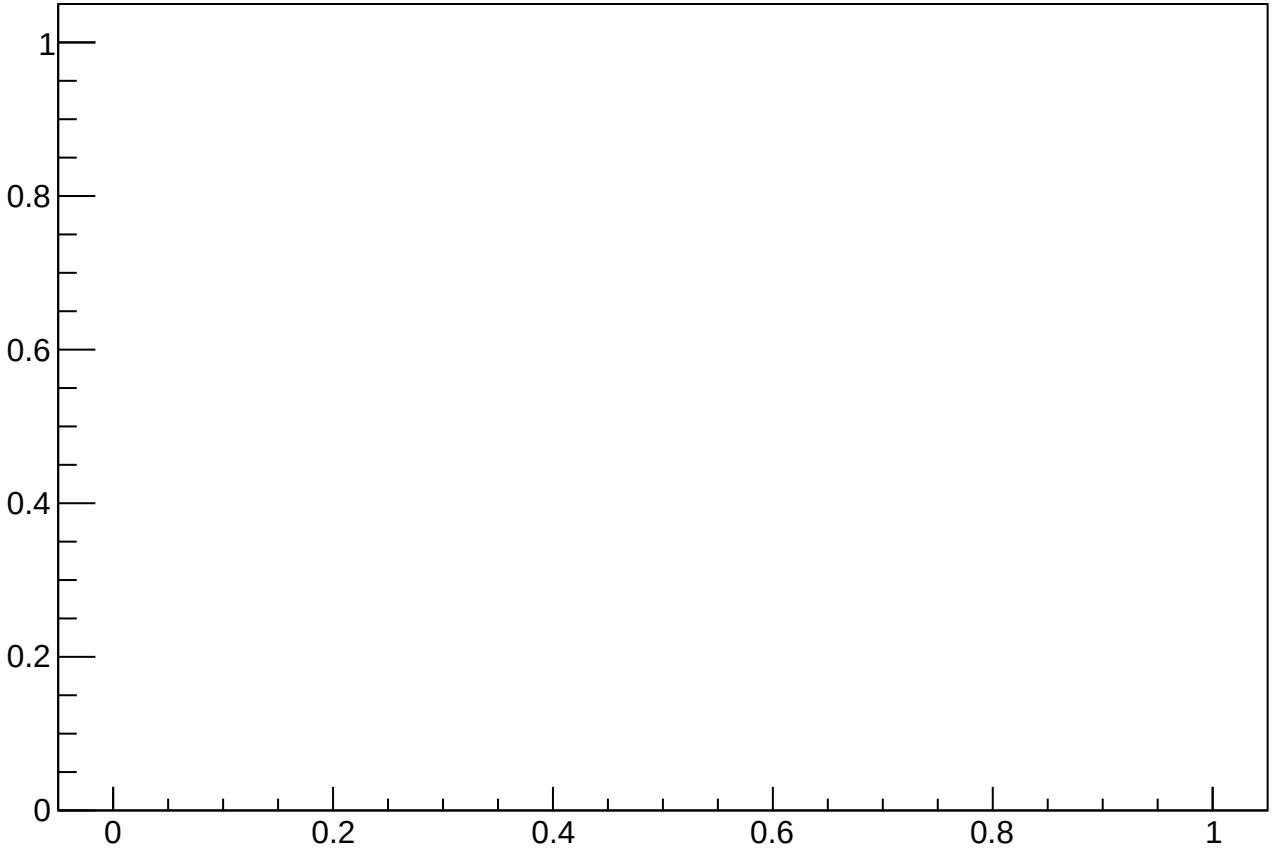
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

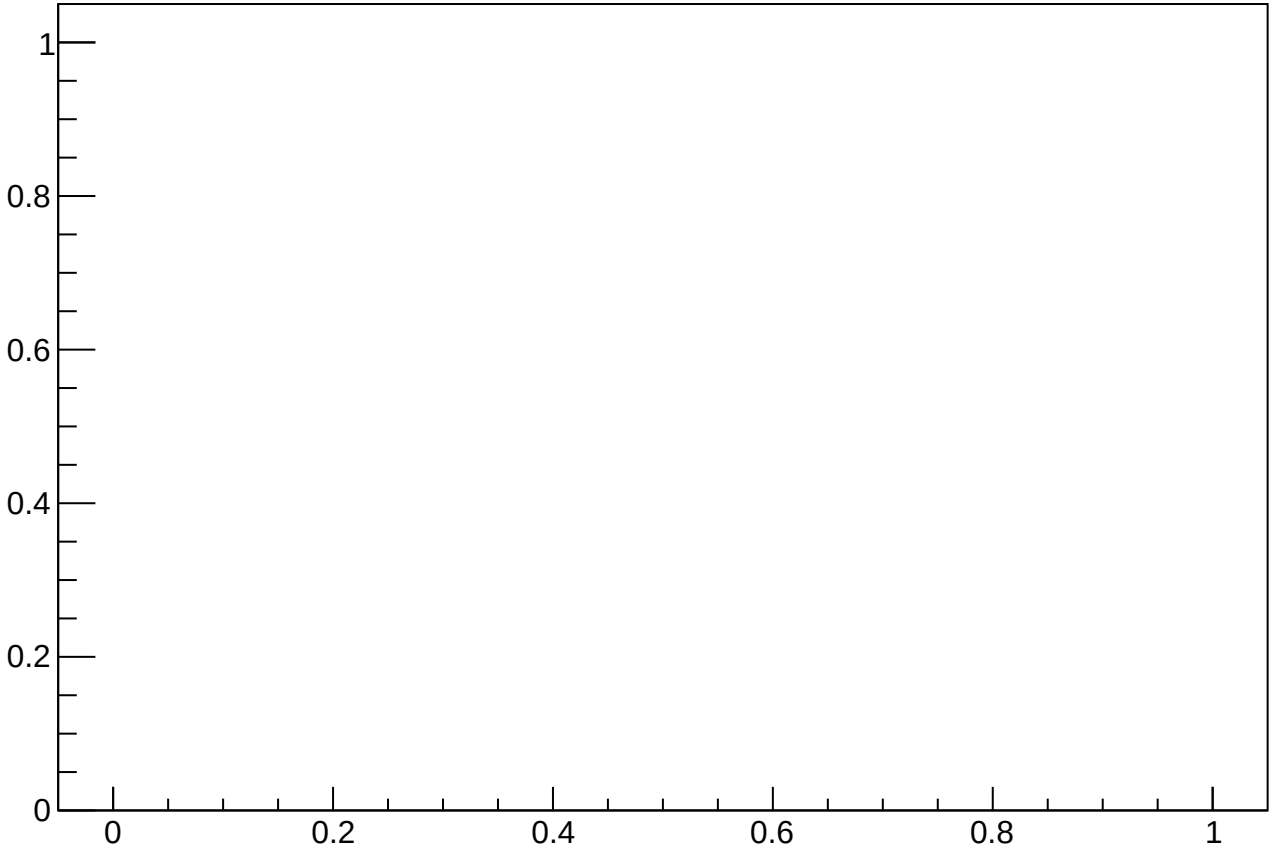
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

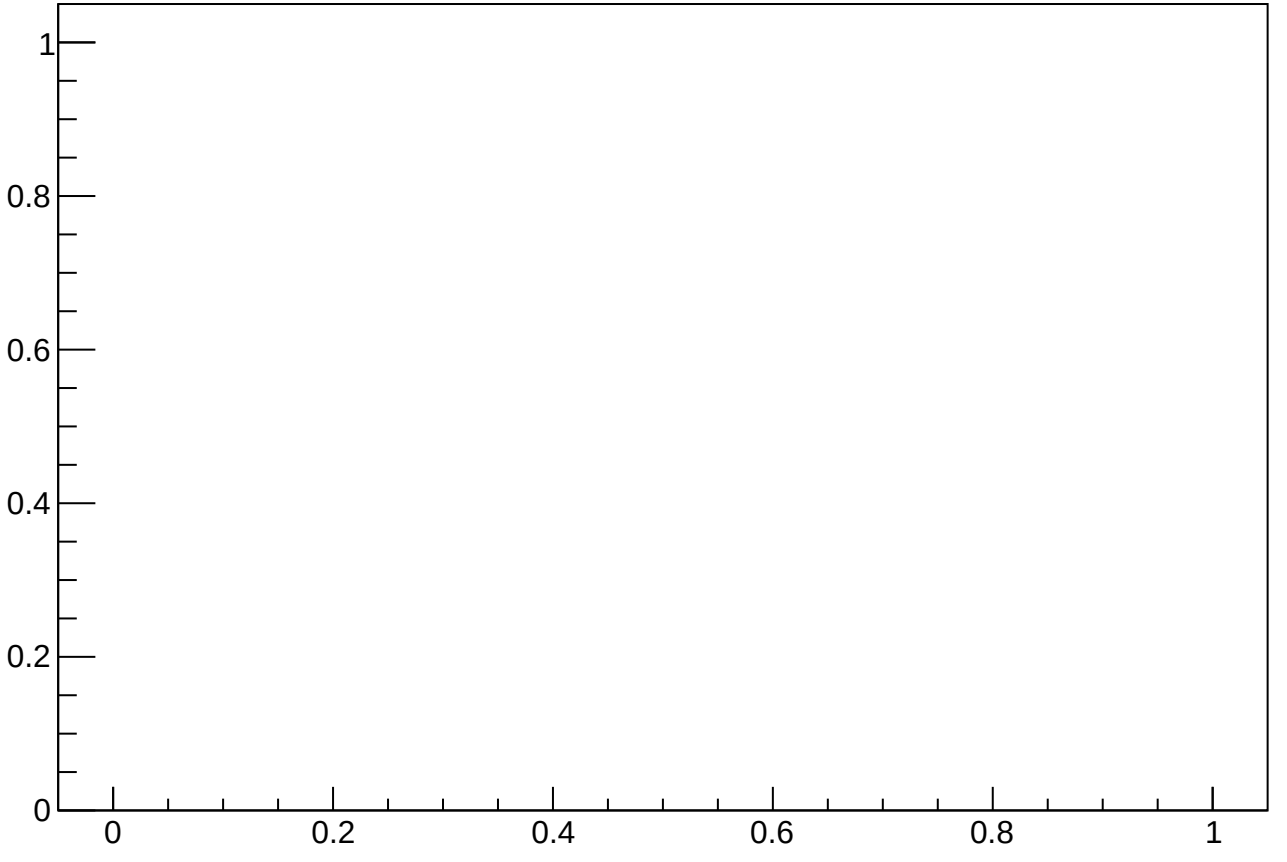
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

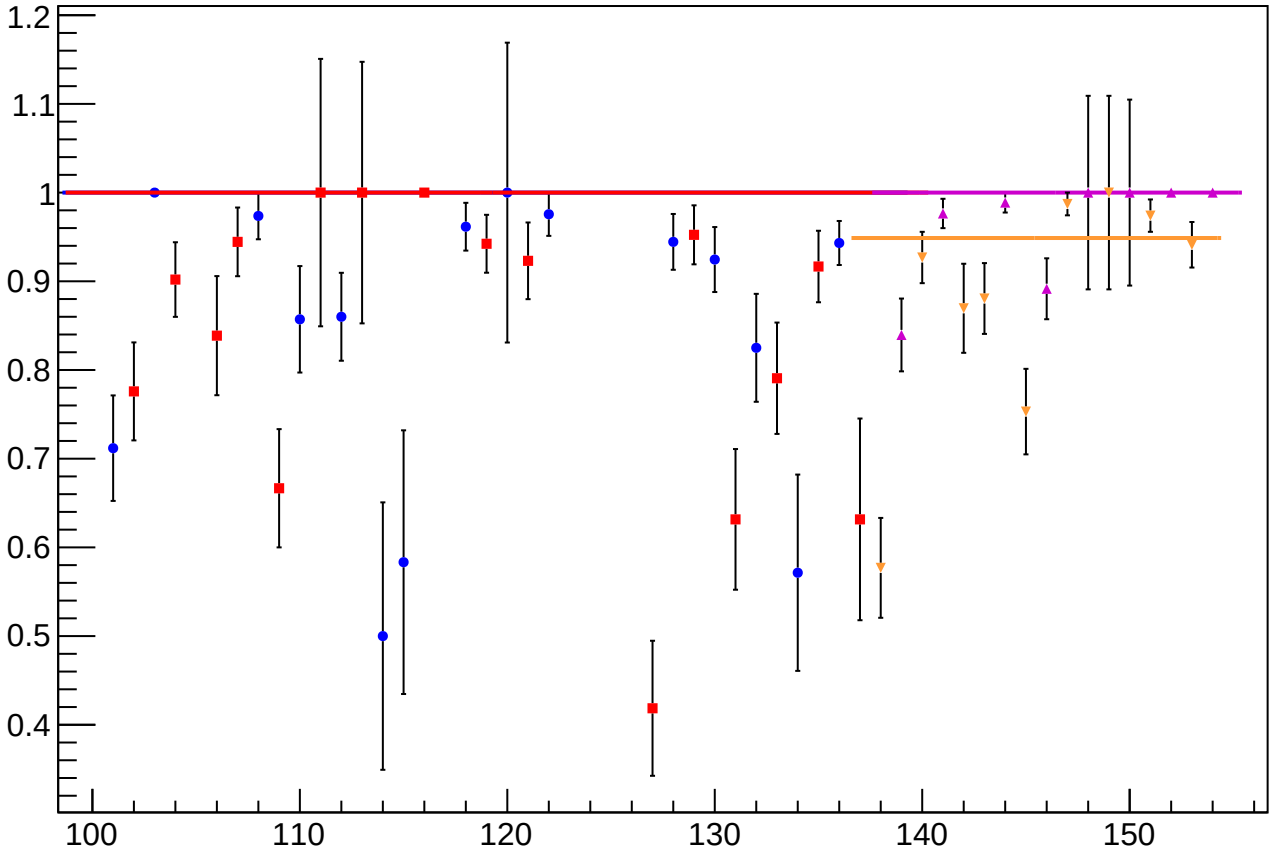
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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: 0.949+/-0.009 χ^2/NDF:77.3/8

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

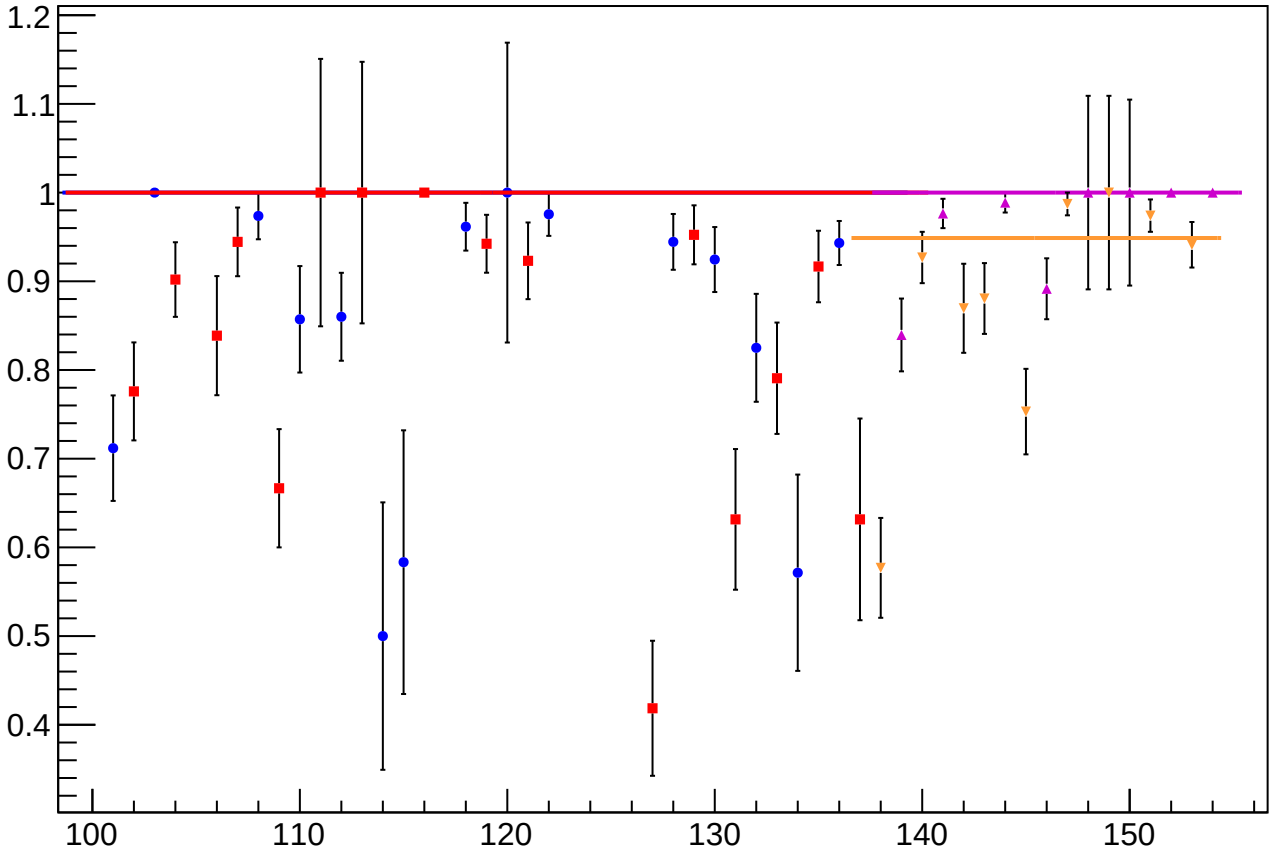
Left In: 1.000+/-0.000 χ^2/NDF:372.3/7

+ sign 1.000+/-0.000 χ^2/NDF: 209.0/23

All: 1.000+/-0.000 χ^2/NDF: 750.1/47

- sign 1.000+/-0.000 χ^2/NDF: 541.2/23

dit_flag_rms vs Slug



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.949+/-0.009 χ^2/NDF:77.3/8

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

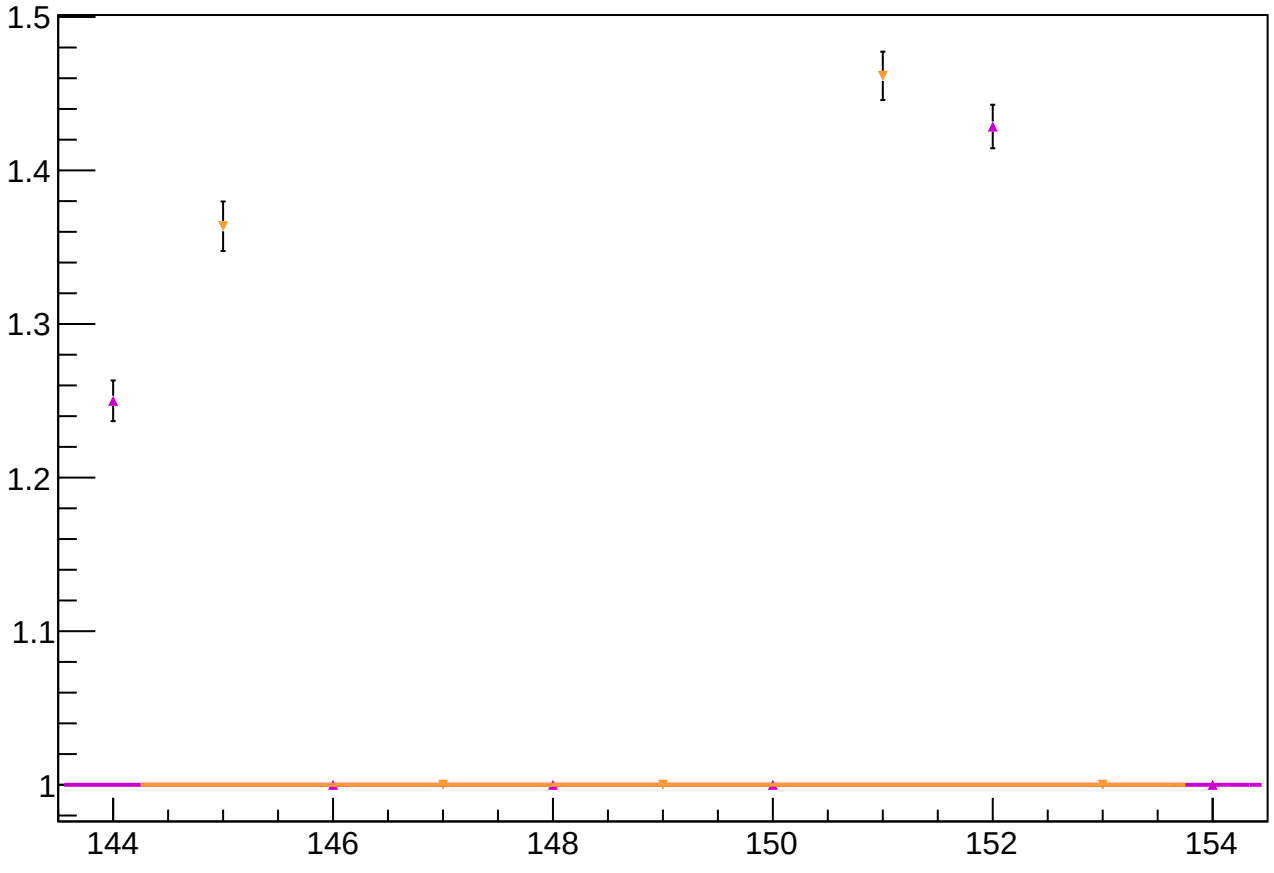
Left In: 1.000+/-0.000 χ^2/NDF:372.3/7

+ sign 1.000+/-0.000 χ^2/NDF: 209.0/23

All: 1.000+/-0.000 χ^2/NDF: 750.1/47

- sign 1.000+/-0.000 χ^2/NDF: 541.2/23

dit_segment_slope vs Slug



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

Left Out: 1.000+/-0.000 χ^2/NDF:1611.1/4

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

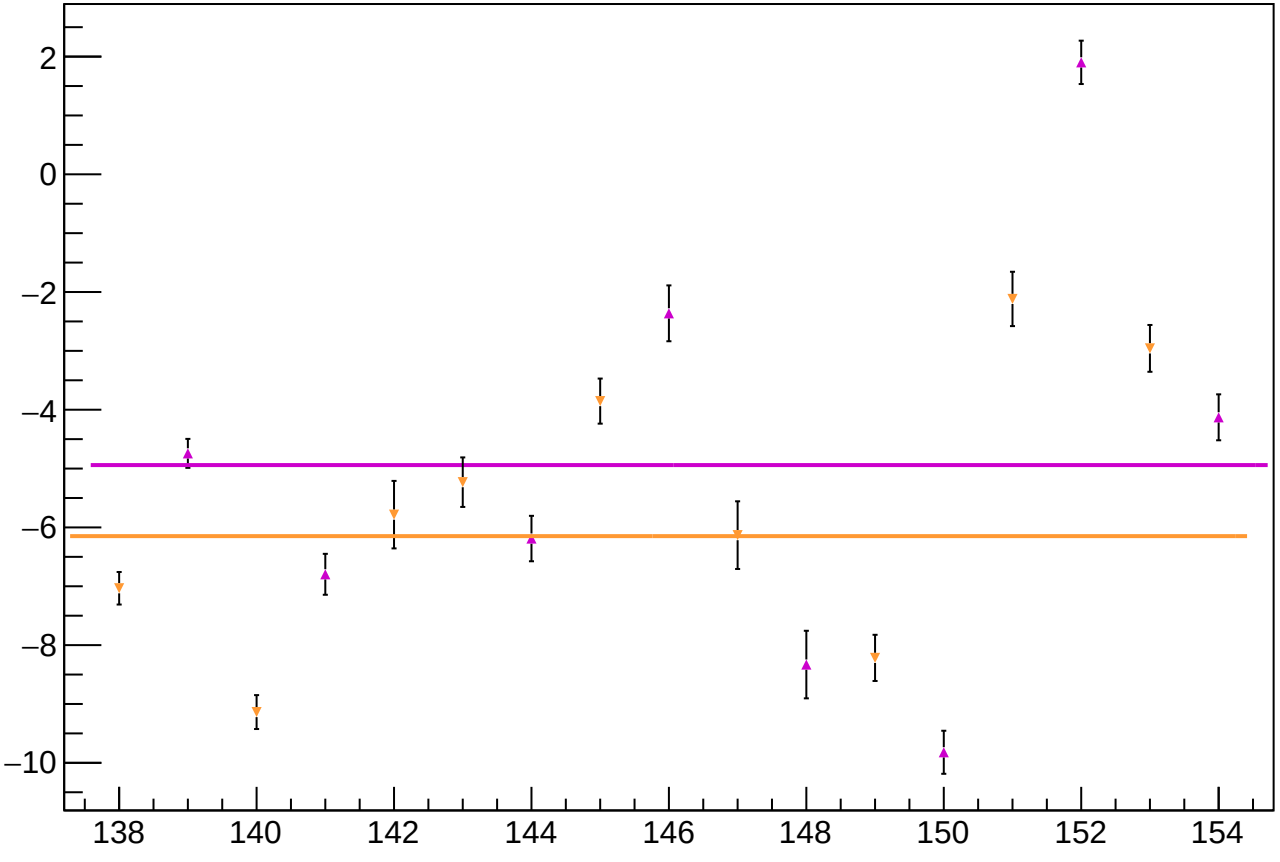
Left In: 1.000+/-0.000 χ^2/NDF:3700.5/5

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.000+/-0.000 χ^2/NDF: 6976.6/10

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -6.148+/-0.128 χ^2/NDF:327.3/8

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

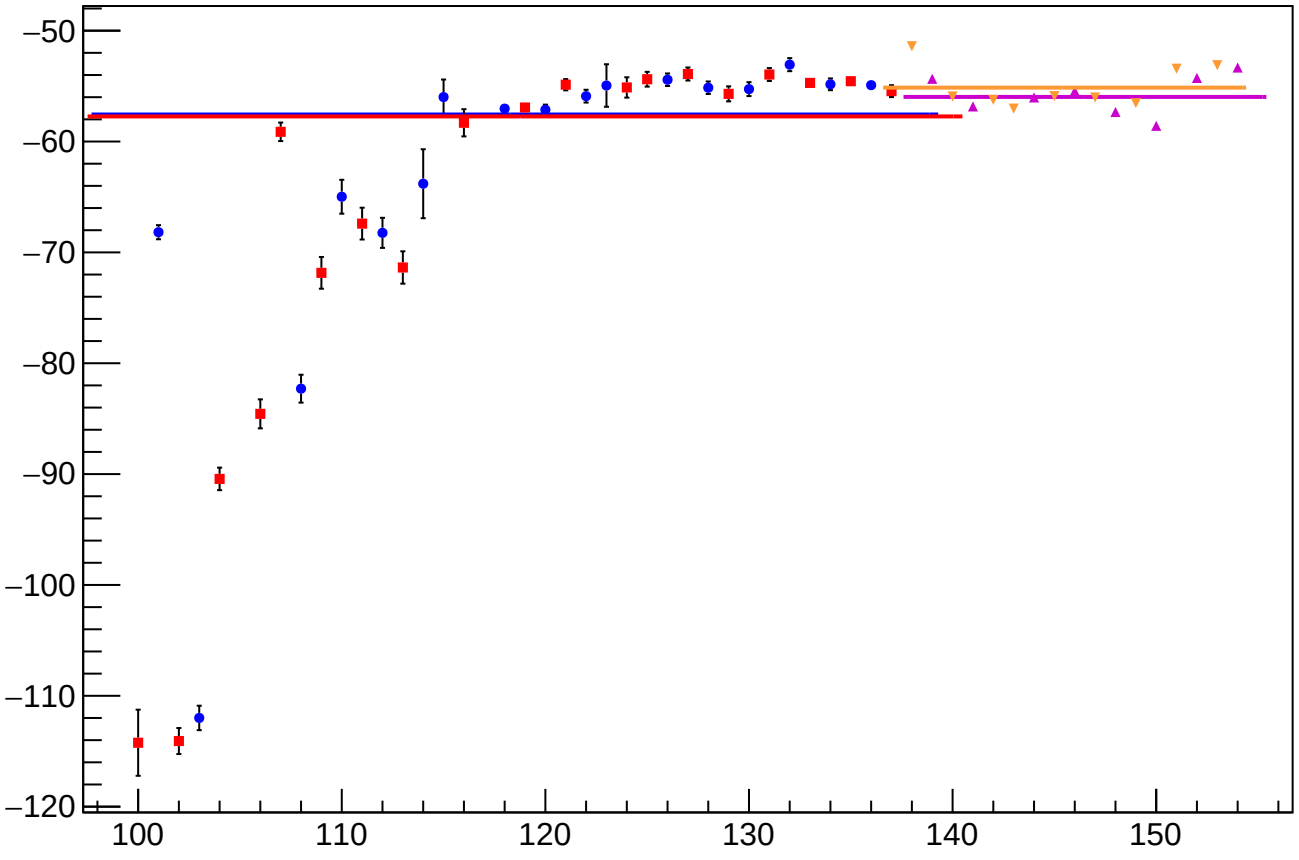
Left In: -4.941+/-0.129 χ^2/NDF:631.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -5.548+/-0.091 χ^2/NDF: 1003.1/16

- 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: -55.137+/-0.095 χ^2/NDF:333.3/8

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

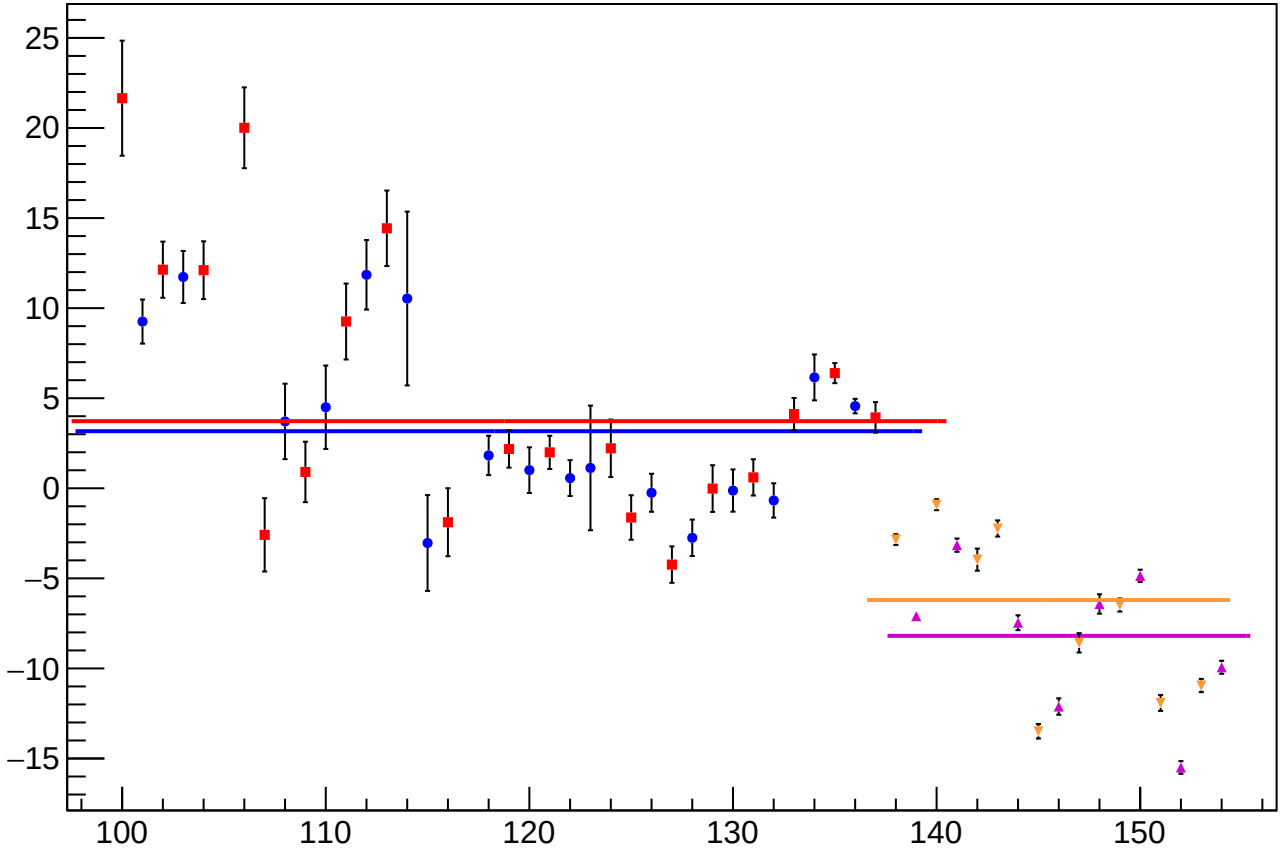
Left In: -55.976+/-0.100 χ^2/NDF:296.3/7

+ sign -55.894+/-0.079 χ^2/NDF: 3991.5/25

All: -56.213+/-0.057 χ^2/NDF: 9121.4/52

- sign -56.556+/-0.082 χ^2/NDF: 5096.2/26

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -6.203+/-0.130 χ^2/NDF:1192.1/8

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

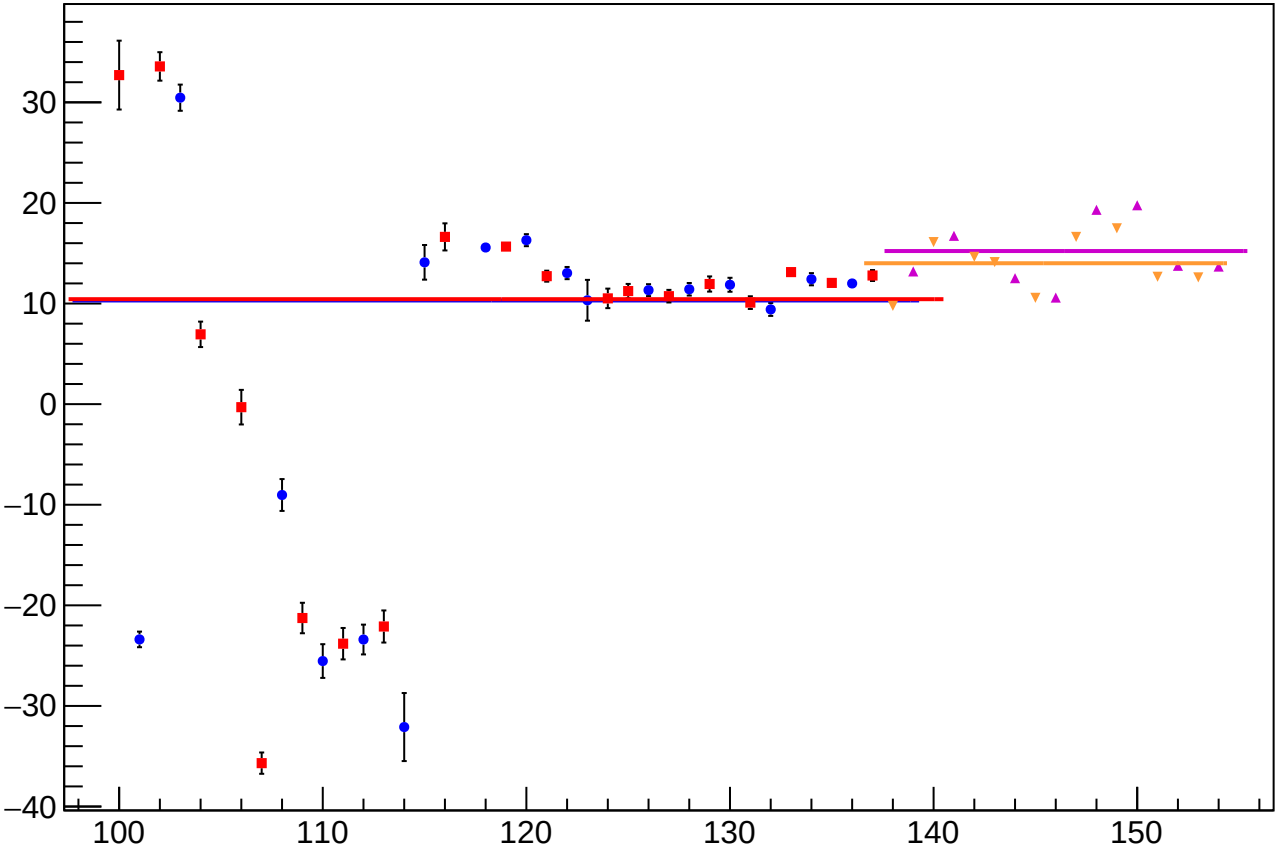
Left In: -8.191+/-0.129 χ^2/NDF:838.2/7

+ sign -4.293+/-0.116 χ^2/NDF: 2431.0/25

All: -5.109+/-0.082 χ^2/NDF: 5303.3/52

- sign -5.926+/-0.116 χ^2/NDF: 2773.9/26

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 14.006+/-0.114 χ^2/NDF:498.9/8

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

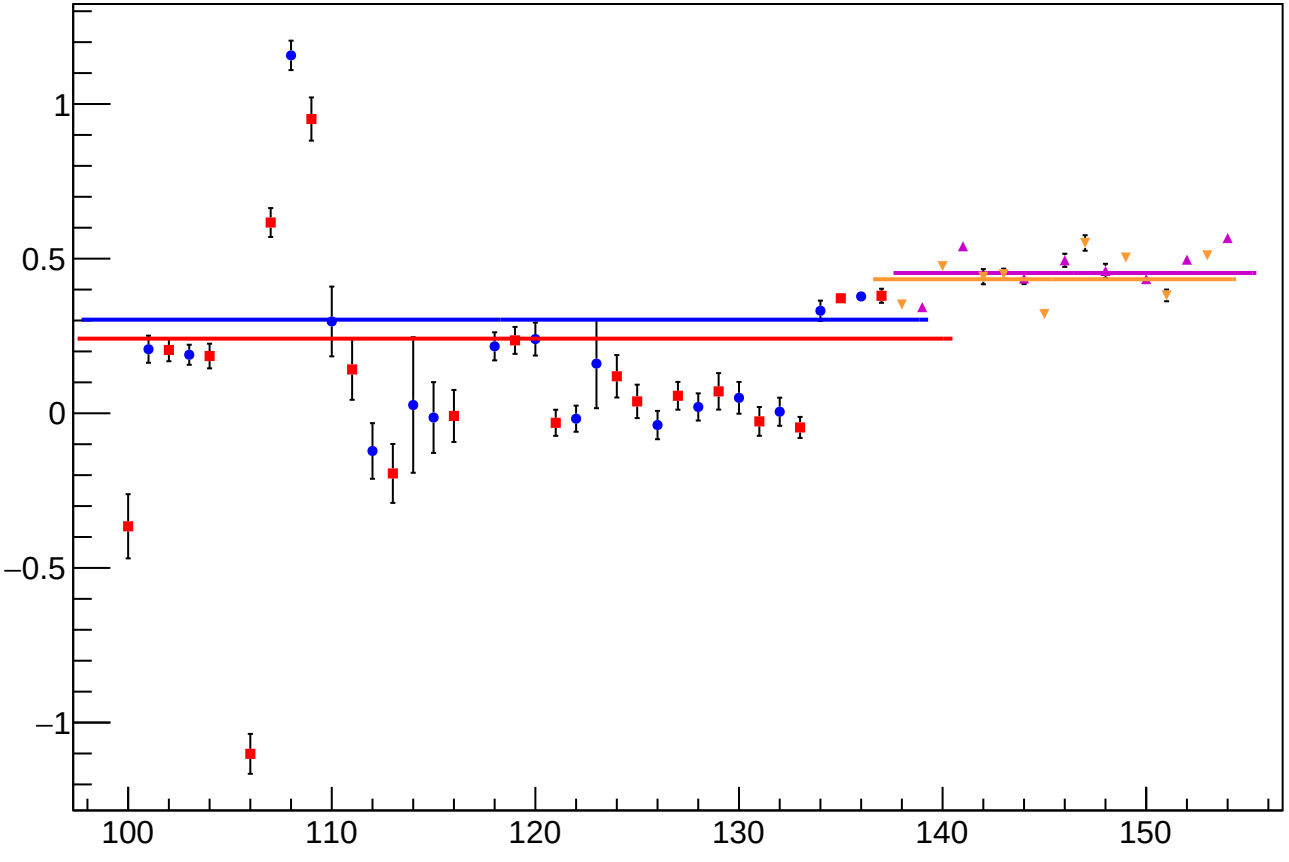
Left In: 15.218+/-0.119 χ^2/NDF:666.8/7

+ sign 12.723+/-0.092 χ^2/NDF: 4575.0/25

All: 13.109+/-0.066 χ^2/NDF: 9684.2/52

- sign 13.520+/-0.095 χ^2/NDF: 5073.1/26

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.433+/-0.005 χ^2/NDF:195.3/8

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

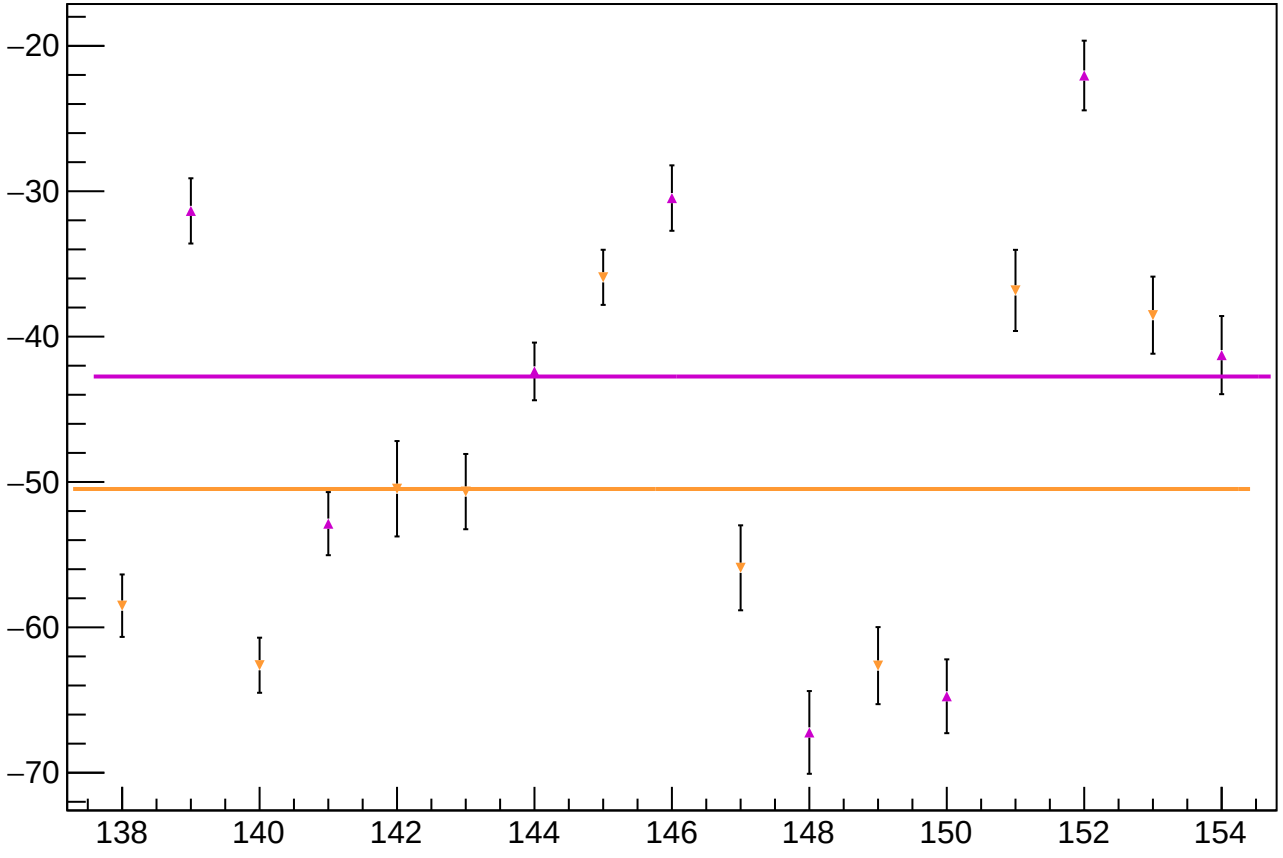
Left In: 0.454+/-0.005 χ^2/NDF:266.6/7

+ sign 0.395+/-0.004 χ^2/NDF: 1021.7/25

All: 0.397+/-0.003 χ^2/NDF: 2736.7/52

- sign 0.398+/-0.004 χ^2/NDF: 1714.8/26

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -50.482+/-0.804 χ^2/NDF:182.6/8

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

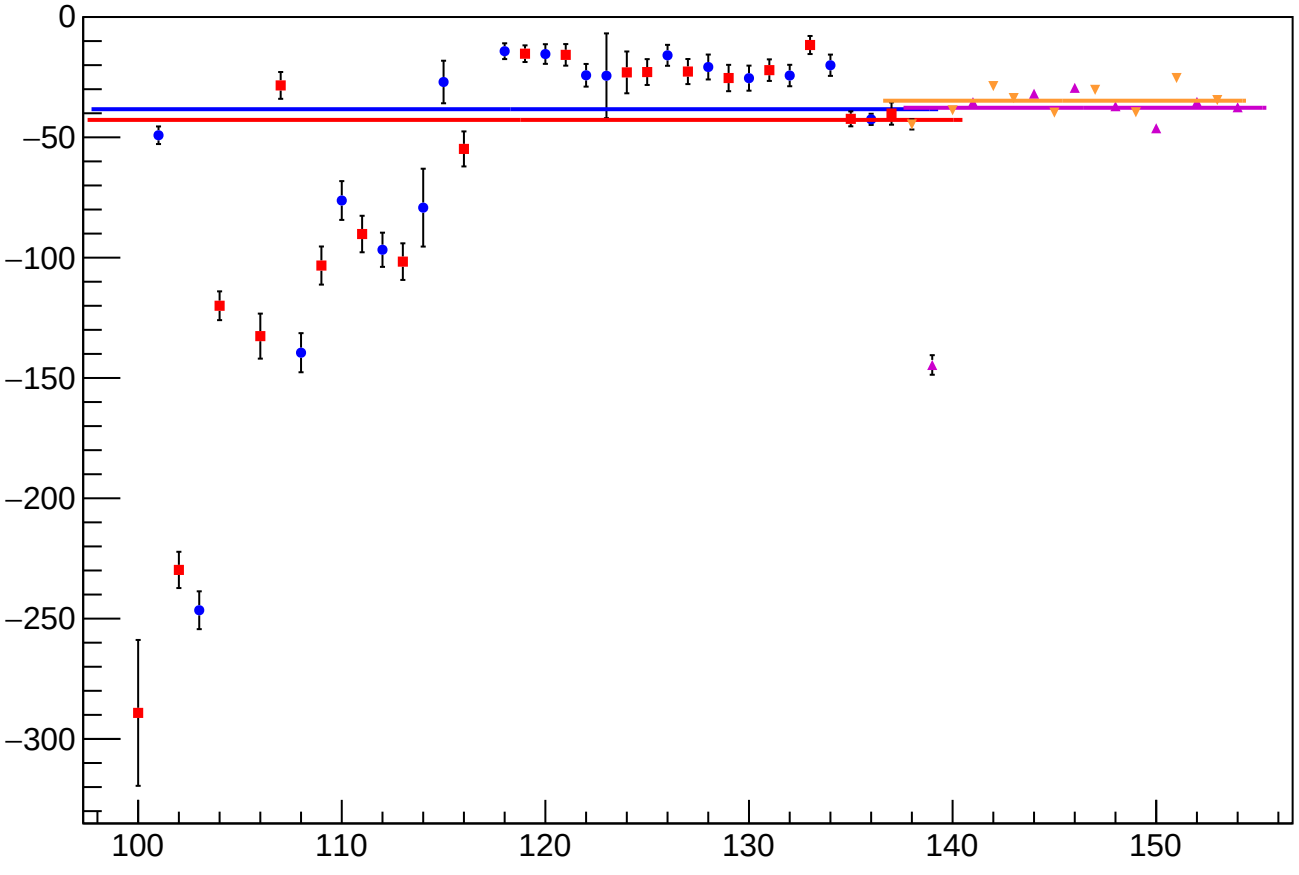
Left In: -42.744+/-0.829 χ^2/NDF:301.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -46.732+/-0.577 χ^2/NDF: 528.7/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -34.779+/-0.563 χ^2/NDF:99.4/8

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

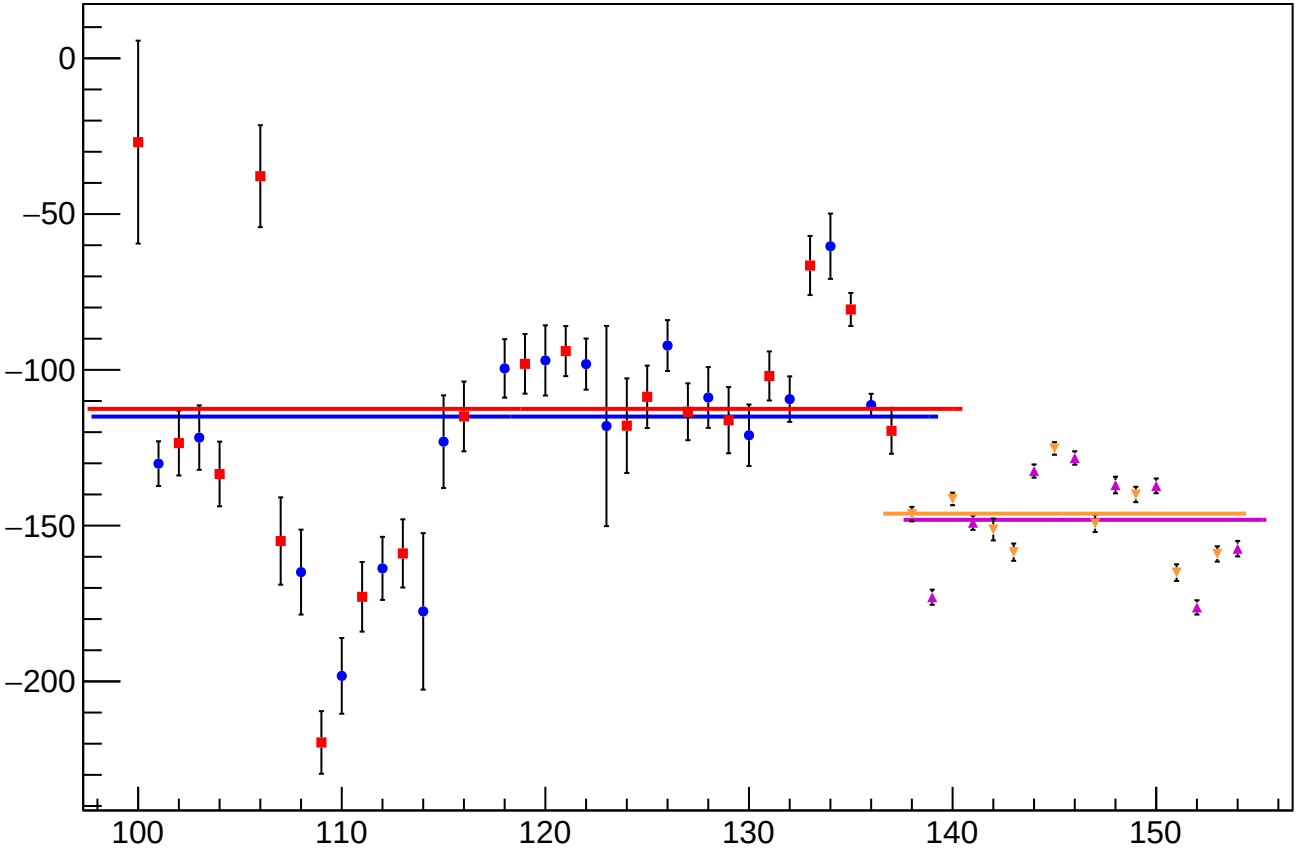
Left In: -37.715+/-0.581 χ^2/NDF:771.0/7

+ sign -35.474+/-0.504 χ^2/NDF: 1239.8/25

All: -37.007+/-0.363 χ^2/NDF: 3385.6/52

- sign -38.658+/-0.524 χ^2/NDF: 2126.6/26

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -146.138+/-0.819 χ^2/NDF:220.4/8

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

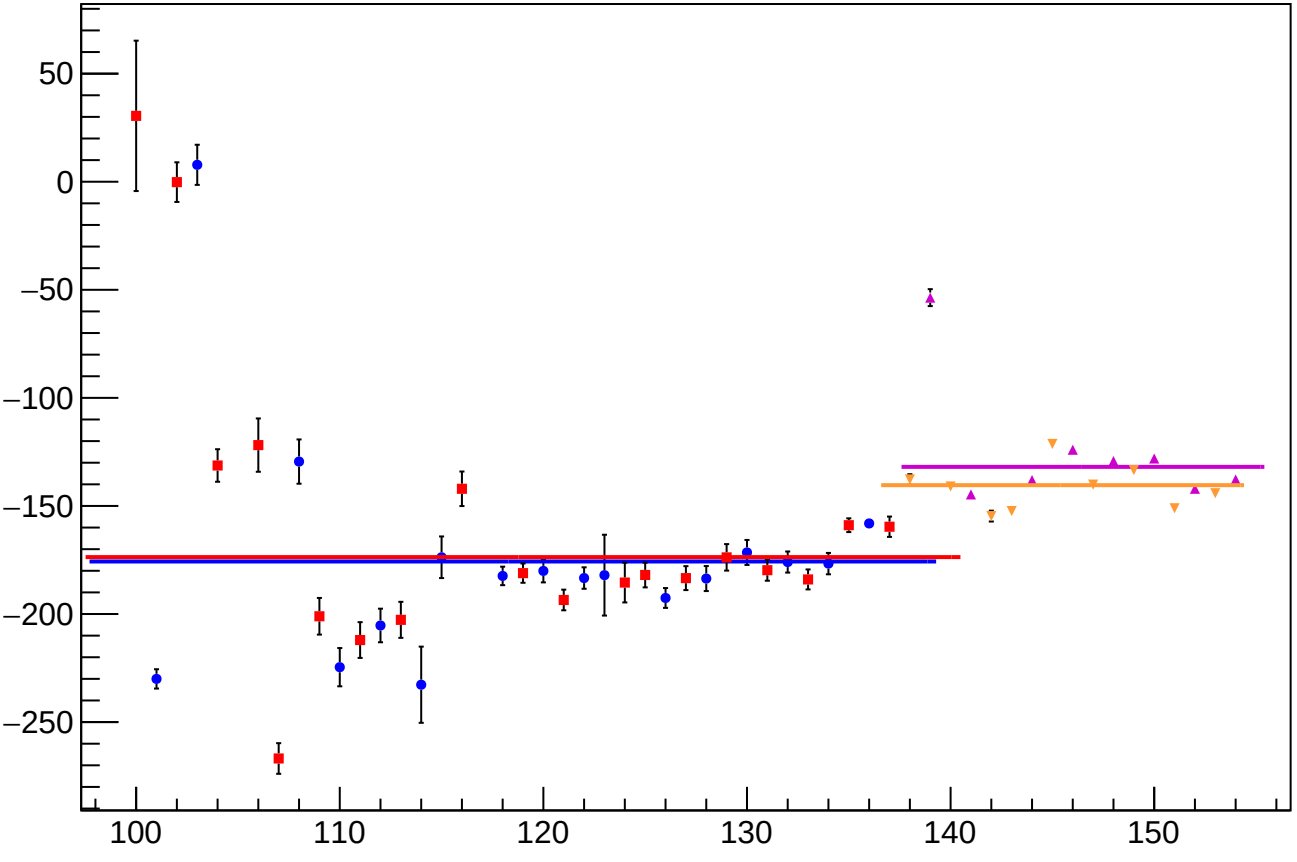
Left In: -148.134+/-0.827 χ^2/NDF:446.3/7

+ sign -141.929+/-0.762 χ^2/NDF: 557.5/25

All: -142.822+/-0.543 χ^2/NDF: 1508.3/52

- sign -143.745+/-0.774 χ^2/NDF: 948.0/26

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -140.387+/-0.687 χ^2/NDF:222.3/8

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

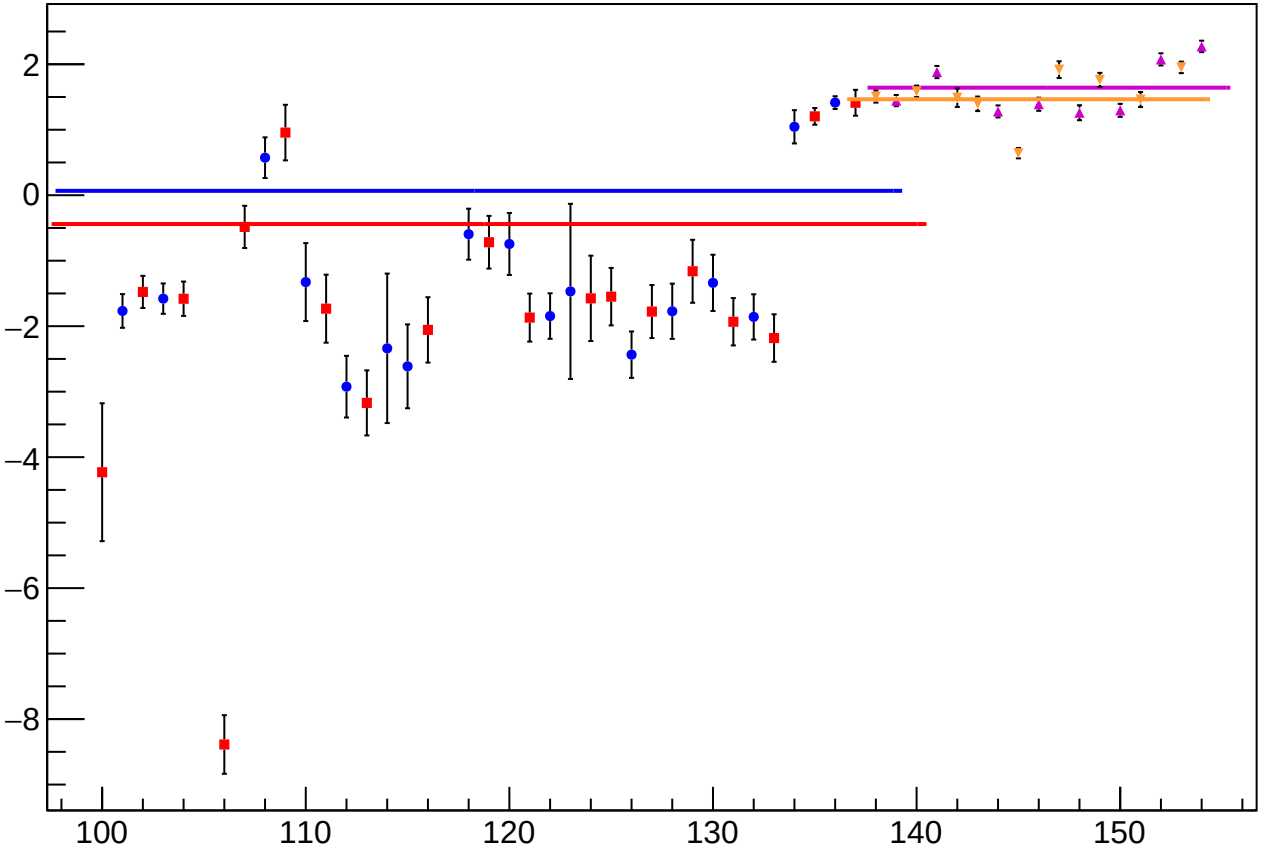
Left In: -131.922+/-0.707 χ^2/NDF:515.7/7

+ sign -148.396+/-0.604 χ^2/NDF: 1515.2/25

All: -144.760+/-0.435 χ^2/NDF: 3589.3/52

- sign -140.842+/-0.627 χ^2/NDF: 1998.8/26

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.465+/-0.034 χ^2/NDF:161.5/8

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

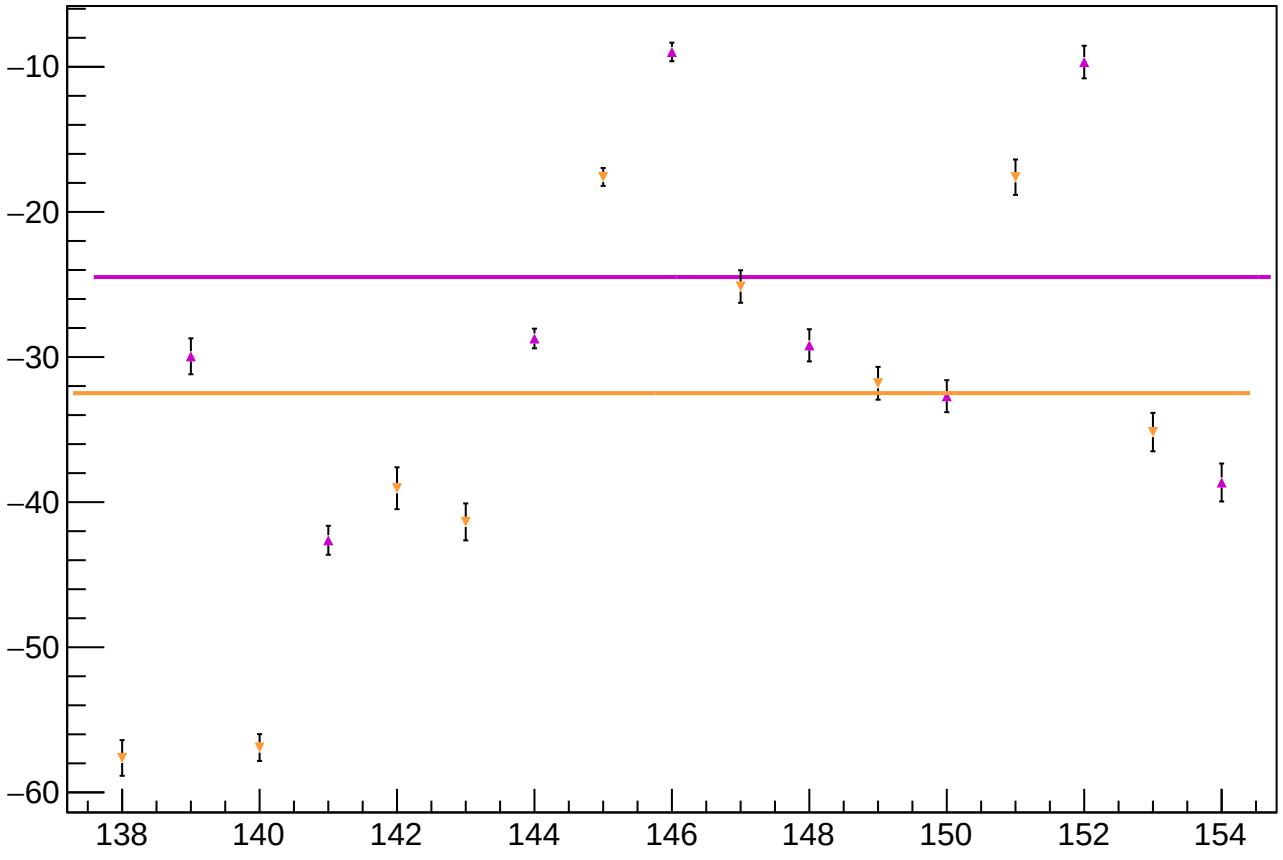
Left In: 1.642+/-0.034 χ^2/NDF:130.1/7

+ sign 1.185+/-0.030 χ^2/NDF: 1036.3/25

All: 1.224+/-0.021 χ^2/NDF: 2626.5/52

- sign 1.264+/-0.030 χ^2/NDF: 1586.8/26

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.485+/-0.345 χ^2/NDF:1966.9/8

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

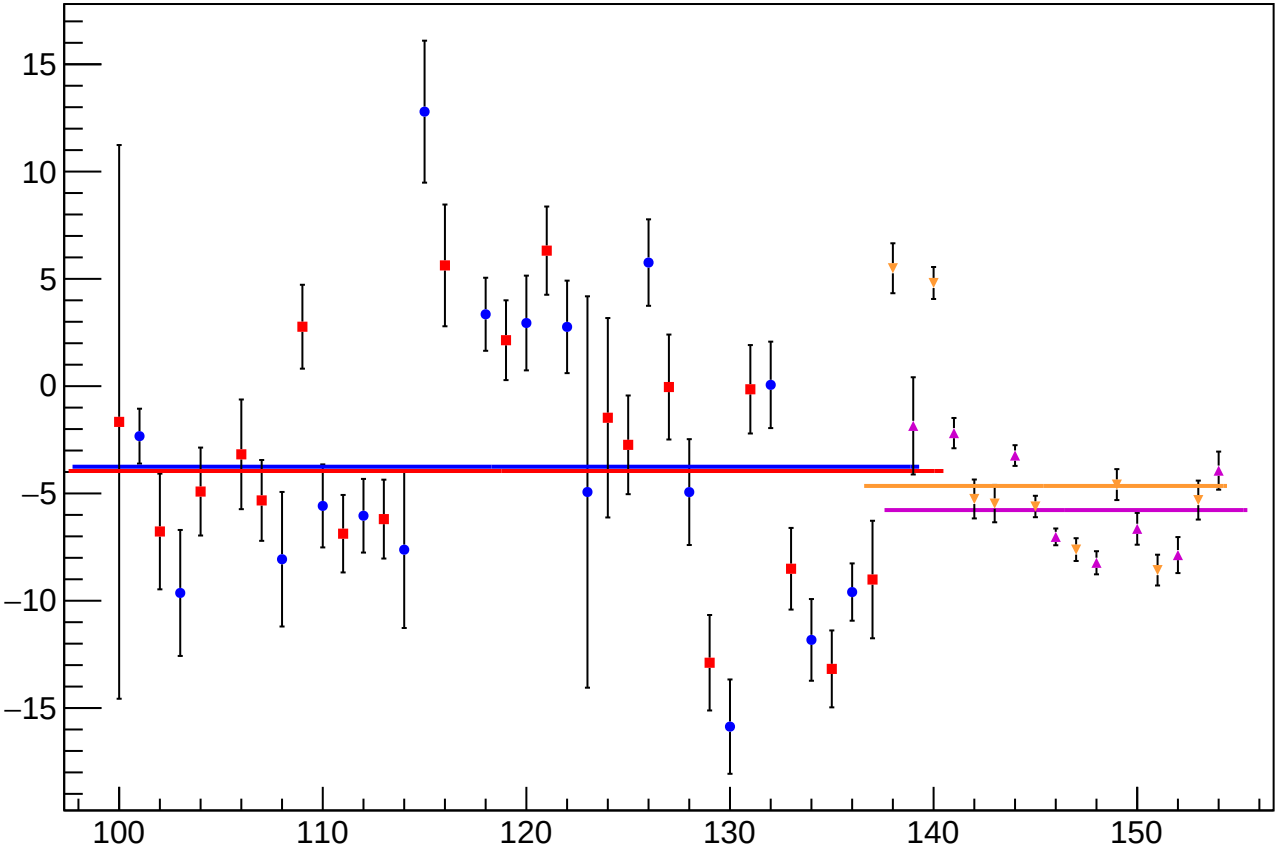
Left In: -24.488+/-0.328 χ^2/NDF:1344.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -28.279+/-0.238 χ^2/NDF: 3593.2/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -4.650+/-0.238 χ^2/NDF:303.7/8

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

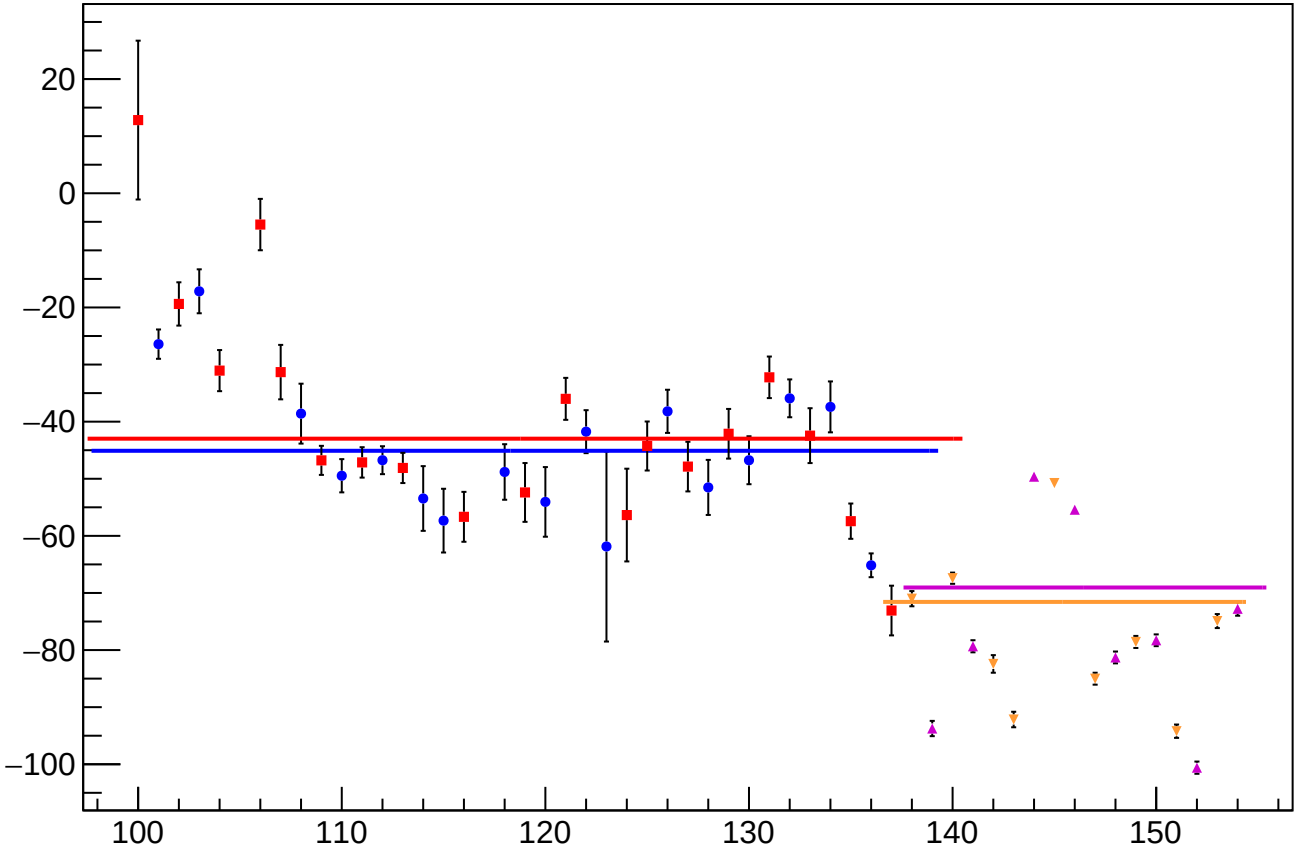
Left In: -5.775+/-0.218 χ^2/NDF:99.5/7

+ sign -4.483+/-0.214 χ^2/NDF: 471.7/25

All: -5.020+/-0.146 χ^2/NDF: 717.1/52

- sign -5.490+/-0.200 χ^2/NDF: 233.7/26

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -71.566+/-0.351 χ^2/NDF:1897.6/8

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

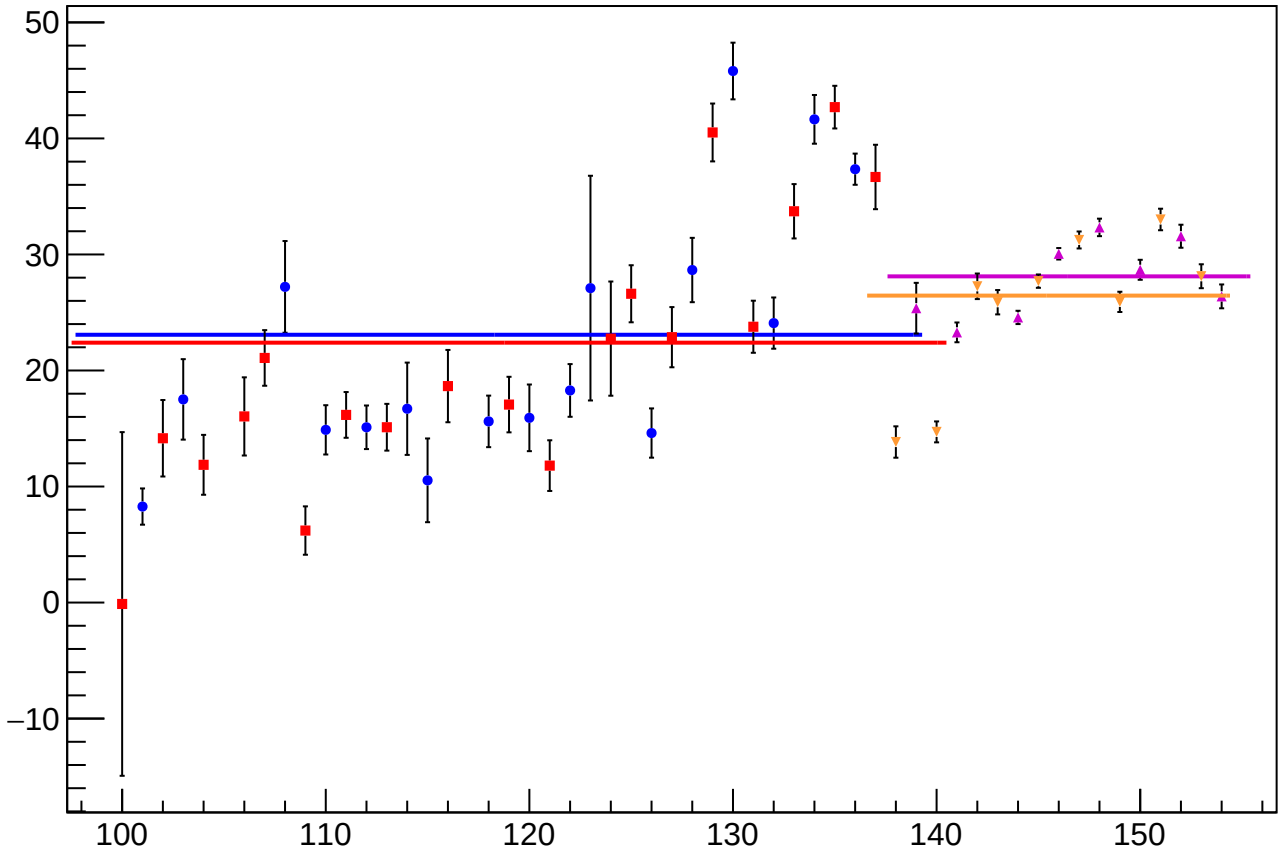
Left In: -69.043+/-0.326 χ^2/NDF:2734.9/7

+ sign -67.931+/-0.326 χ^2/NDF: 2906.1/25

All: -66.839+/-0.223 χ^2/NDF: 6686.4/52

- sign -65.882+/-0.306 χ^2/NDF: 3759.2/26

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 26.454+/-0.291 χ^2/NDF:357.8/8

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

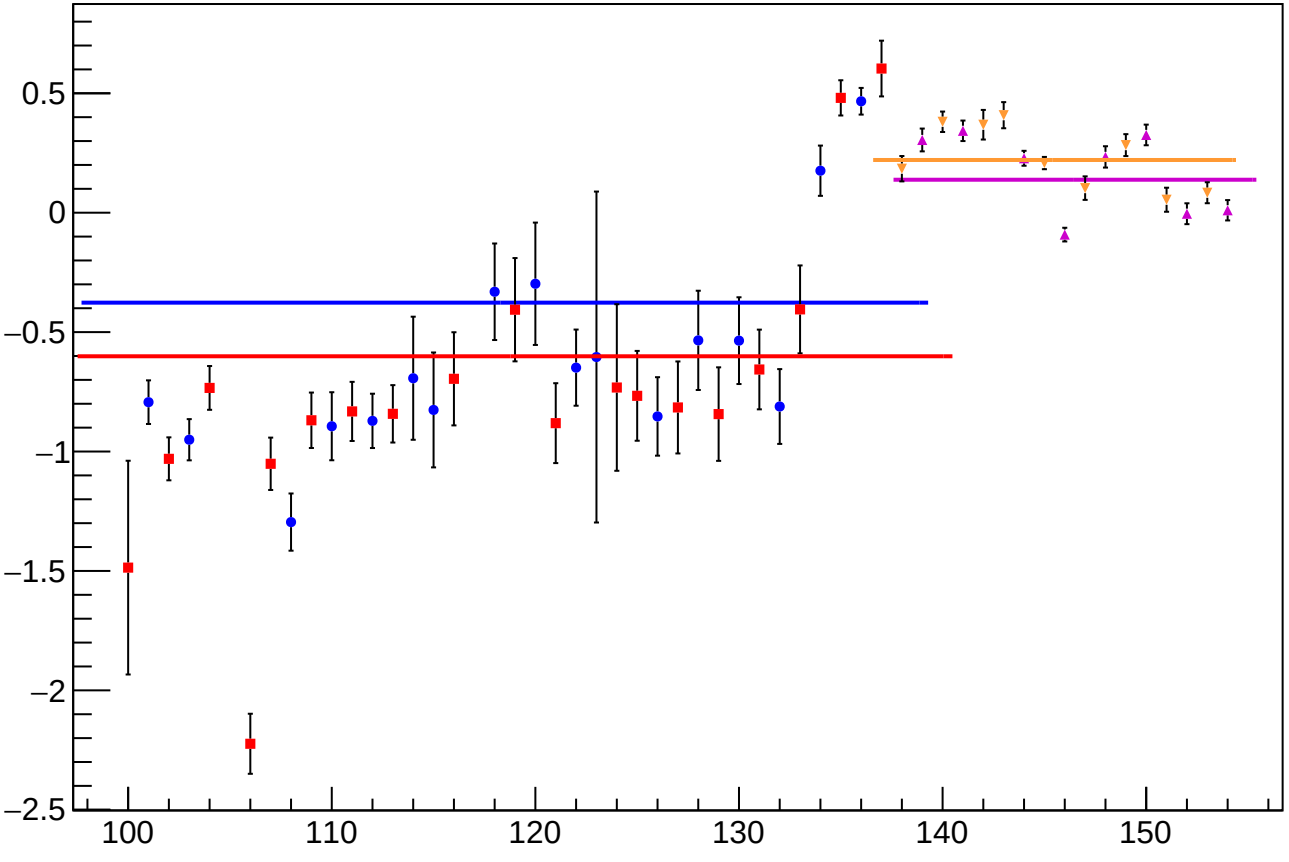
Left In: 28.112+/-0.269 χ^2/NDF:134.0/7

+ sign 25.728+/-0.258 χ^2/NDF: 847.9/25

All: 26.440+/-0.177 χ^2/NDF: 1448.2/52

- sign 27.076+/-0.244 χ^2/NDF: 585.9/26

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.221+/-0.014 χ^2/NDF:60.4/8

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

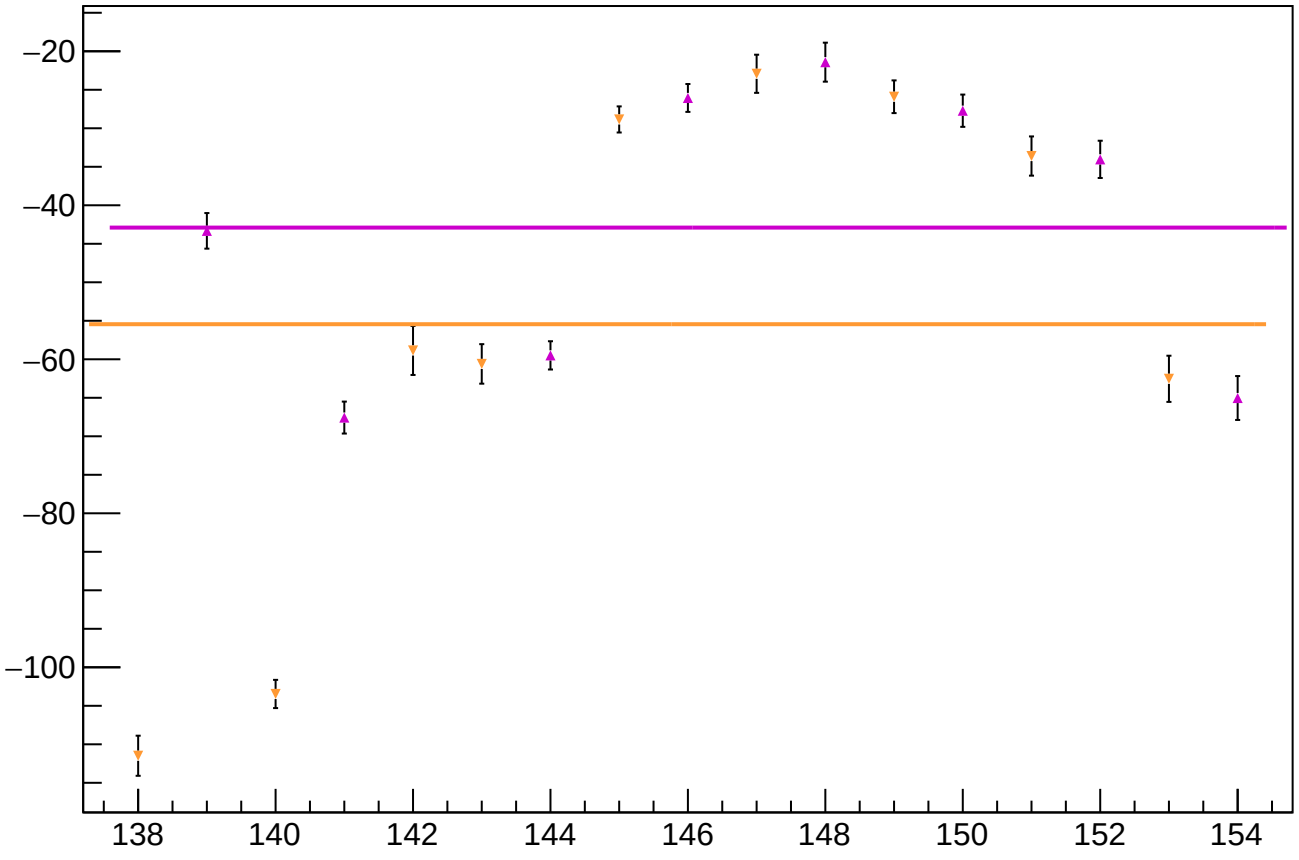
Left In: 0.138+/-0.014 χ^2/NDF:150.5/7

+ sign 0.109+/-0.013 χ^2/NDF: 818.4/25

All: 0.058+/-0.009 χ^2/NDF: 2051.3/52

- sign 0.012+/-0.012 χ^2/NDF: 1203.9/26

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -55.444+/-0.768 χ^2/NDF:1845.8/8

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

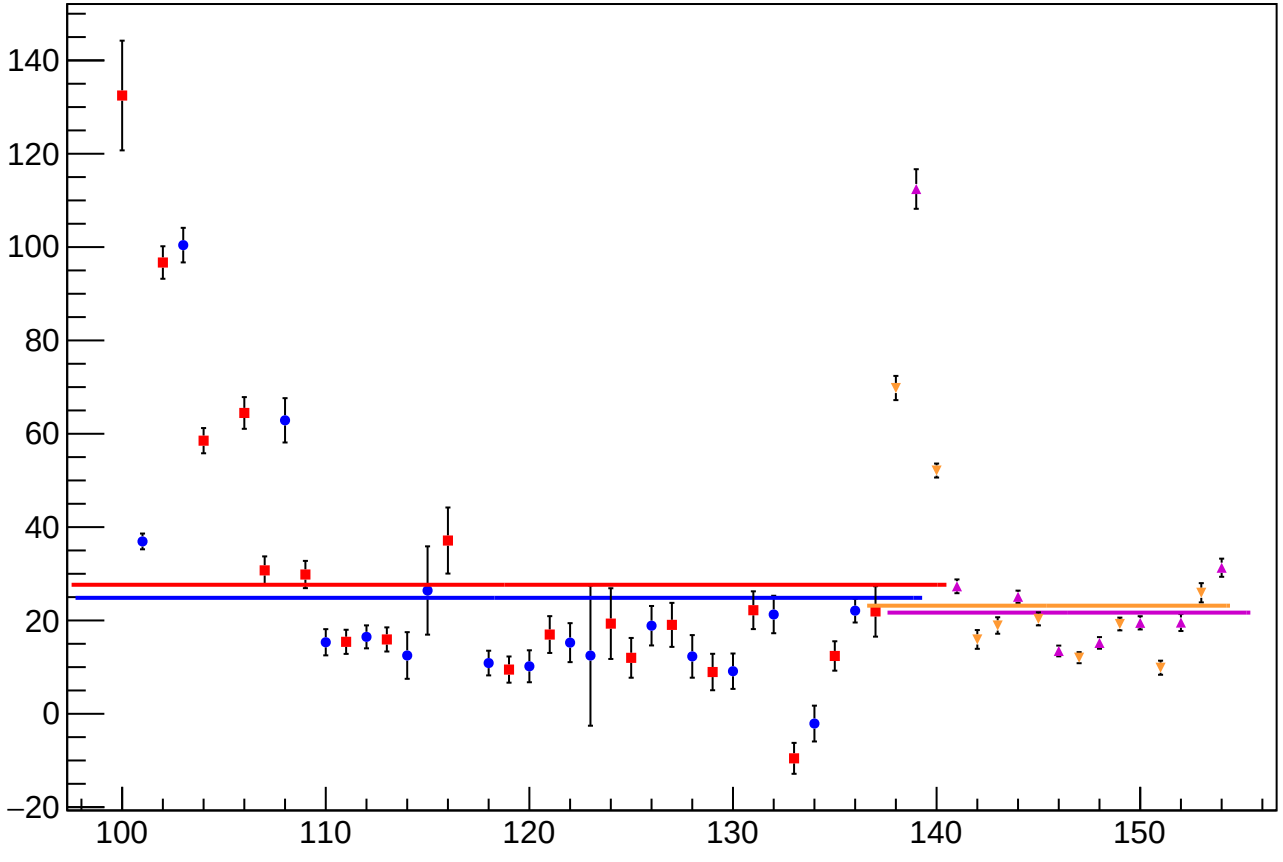
Left In: -42.899+/-0.767 χ^2/NDF:507.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -49.161+/-0.543 χ^2/NDF: 2487.2/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 23.167+/-0.527 χ^2/NDF:895.3/8

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

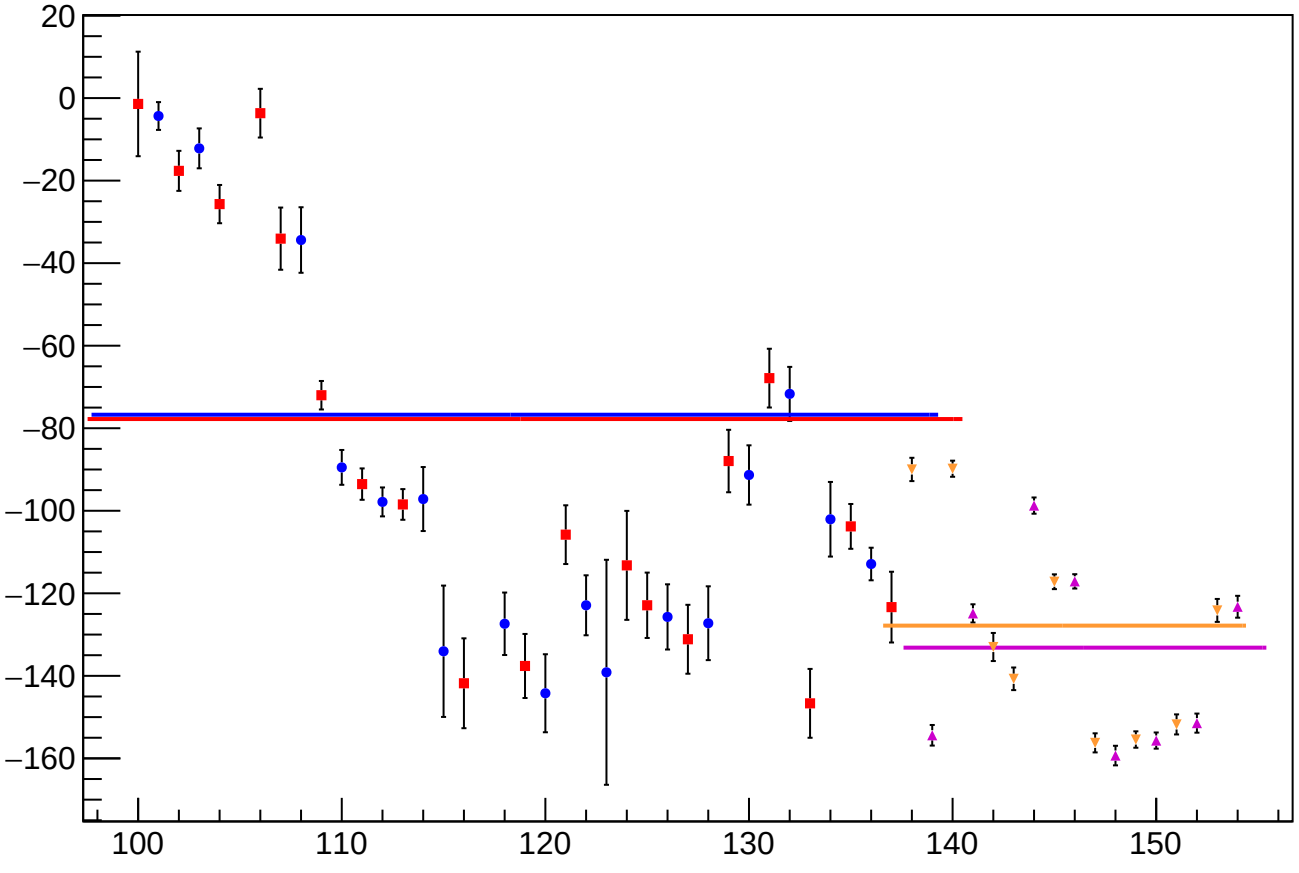
Left In: 21.680+/-0.530 χ^2/NDF:585.5/7

+ sign 23.676+/-0.440 χ^2/NDF: 1589.2/25

All: 23.572+/-0.313 χ^2/NDF: 3222.0/52

- sign 23.467+/-0.444 χ^2/NDF: 1632.6/26

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -127.830+/-0.777 χ^2/NDF:1061.2/8

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

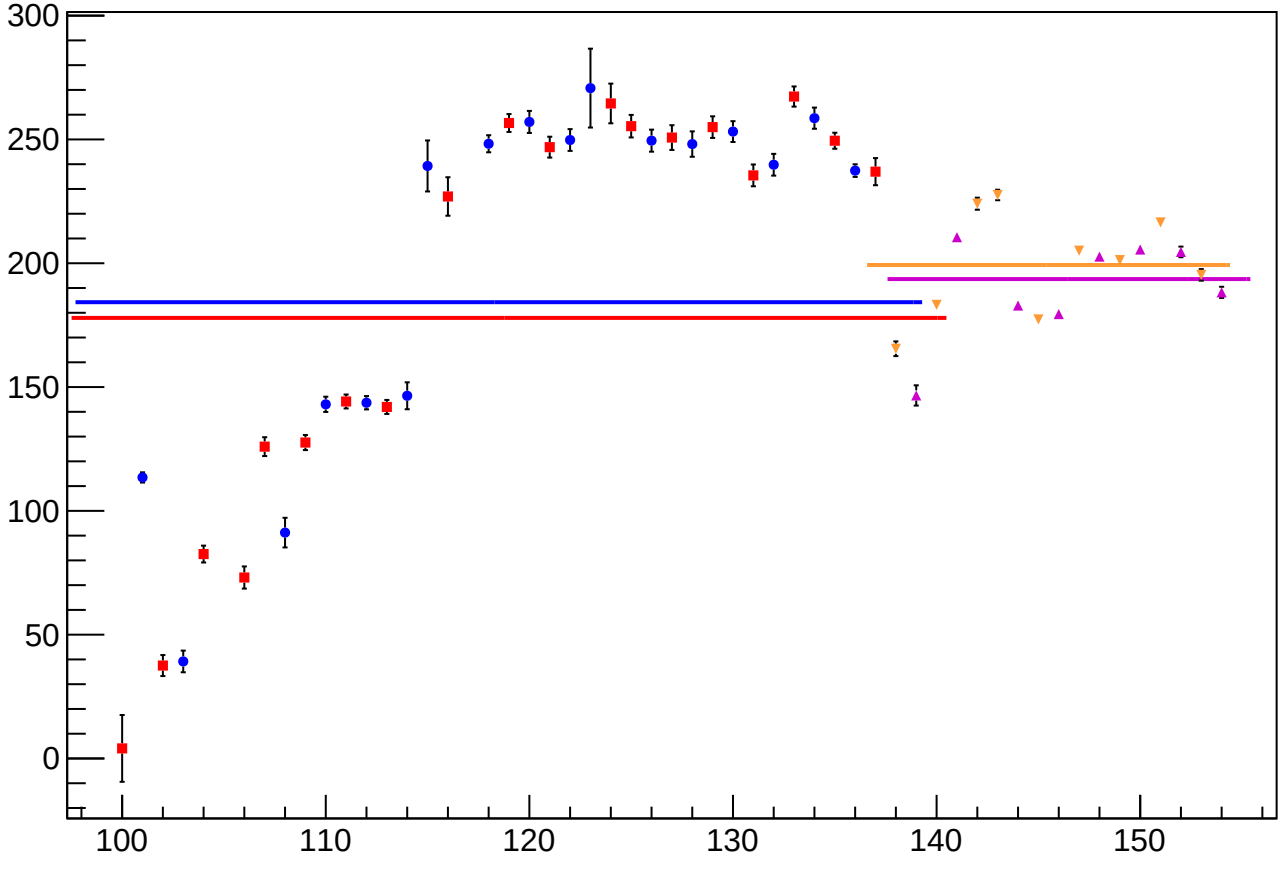
Left In: -133.170+/-0.762 χ^2/NDF:808.0/7

+ sign -115.962+/-0.681 χ^2/NDF: 3108.5/25

All: -117.938+/-0.475 χ^2/NDF: 6078.5/52

- sign -119.819+/-0.664 χ^2/NDF: 2953.6/26

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 199.288+/-0.646 χ^2/NDF:773.0/8

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

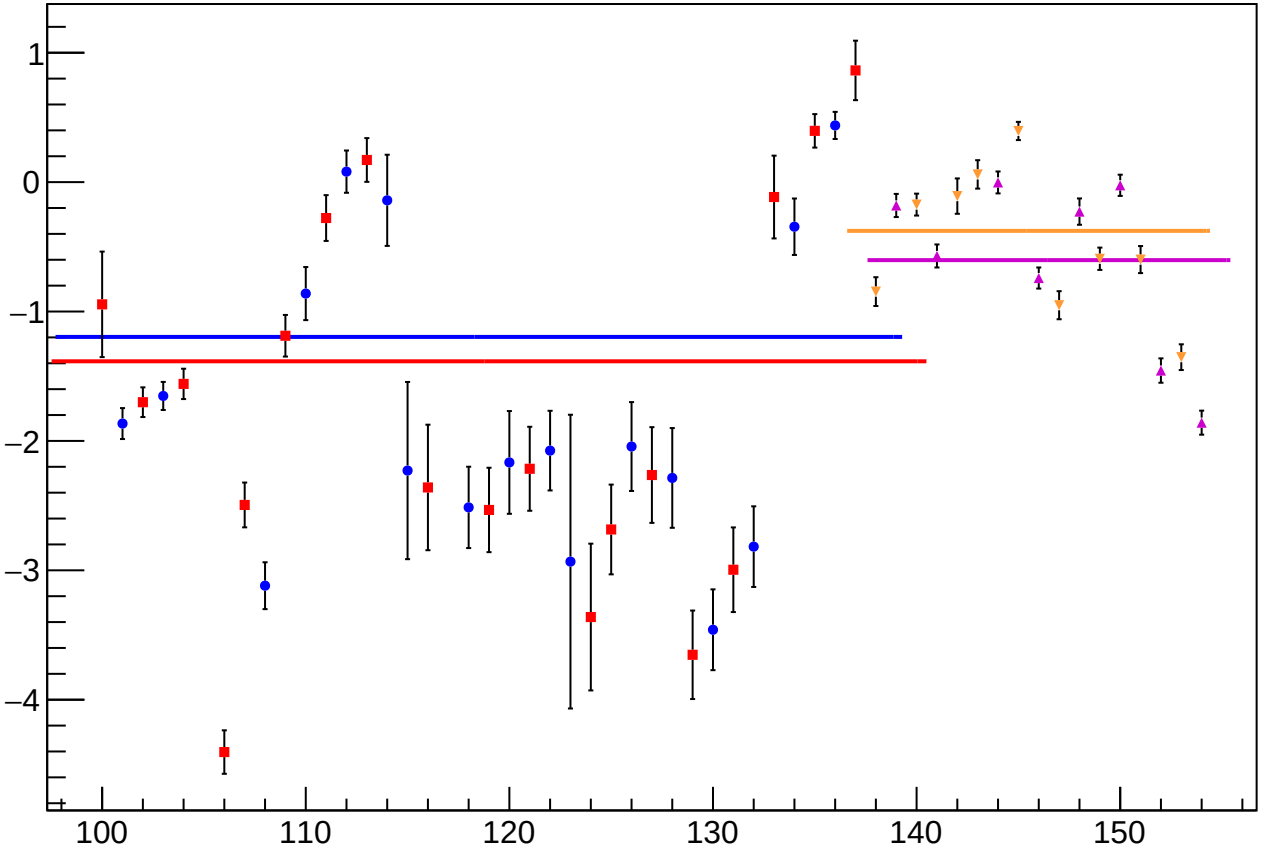
Left In: 193.611+/-0.646 χ^2/NDF:479.7/7

+ sign 194.281+/-0.528 χ^2/NDF: 6354.0/25

All: 191.383+/-0.374 χ^2/NDF: 13418.8/52

- sign 188.467+/-0.529 χ^2/NDF: 7004.2/26

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.377+/-0.032 χ^2/NDF:298.9/8

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

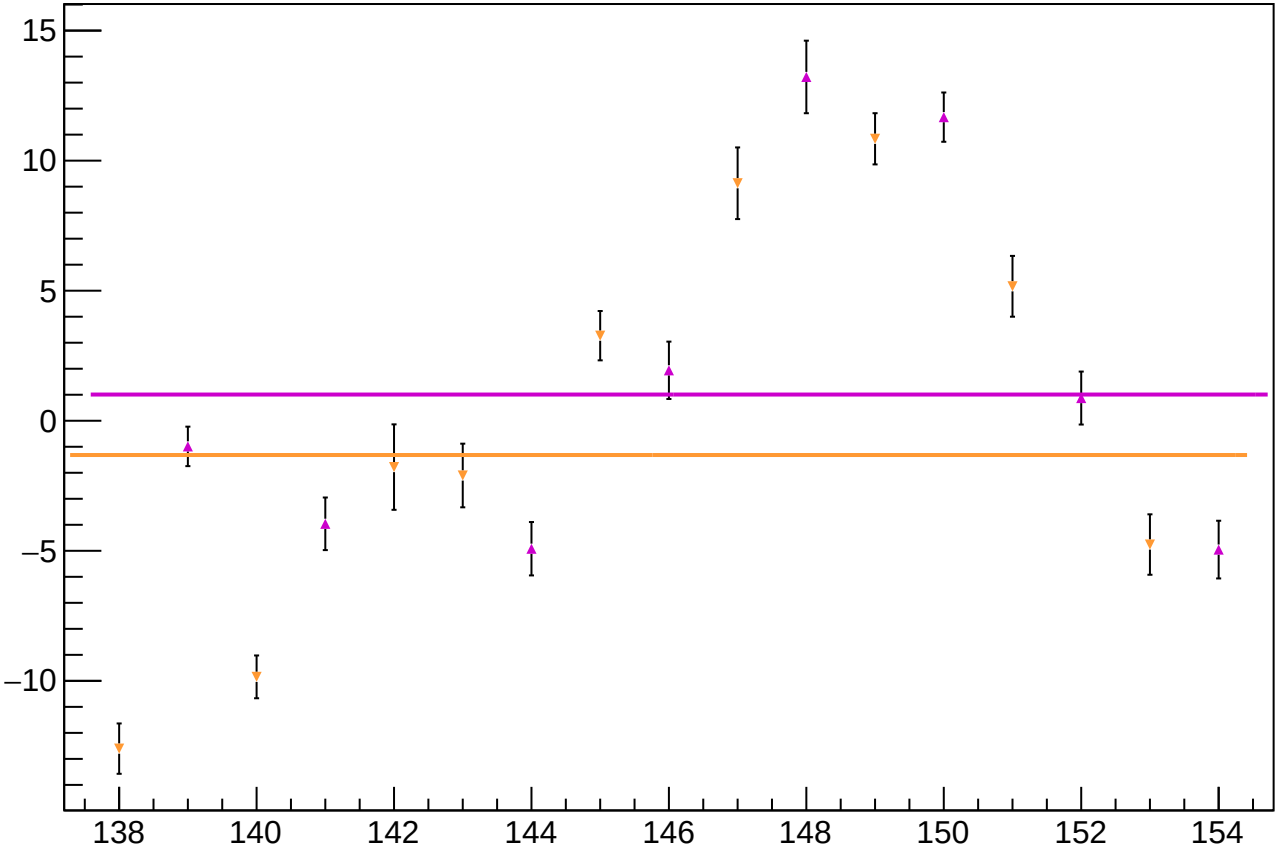
Left In: -0.603+/-0.031 χ^2/NDF:403.9/7

+ sign -0.629+/-0.027 χ^2/NDF: 1123.0/25

All: -0.744+/-0.019 χ^2/NDF: 2685.9/52

- sign -0.853+/-0.026 χ^2/NDF: 1526.7/26

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -1.317+/-0.360 χ^2/NDF:517.1/8

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

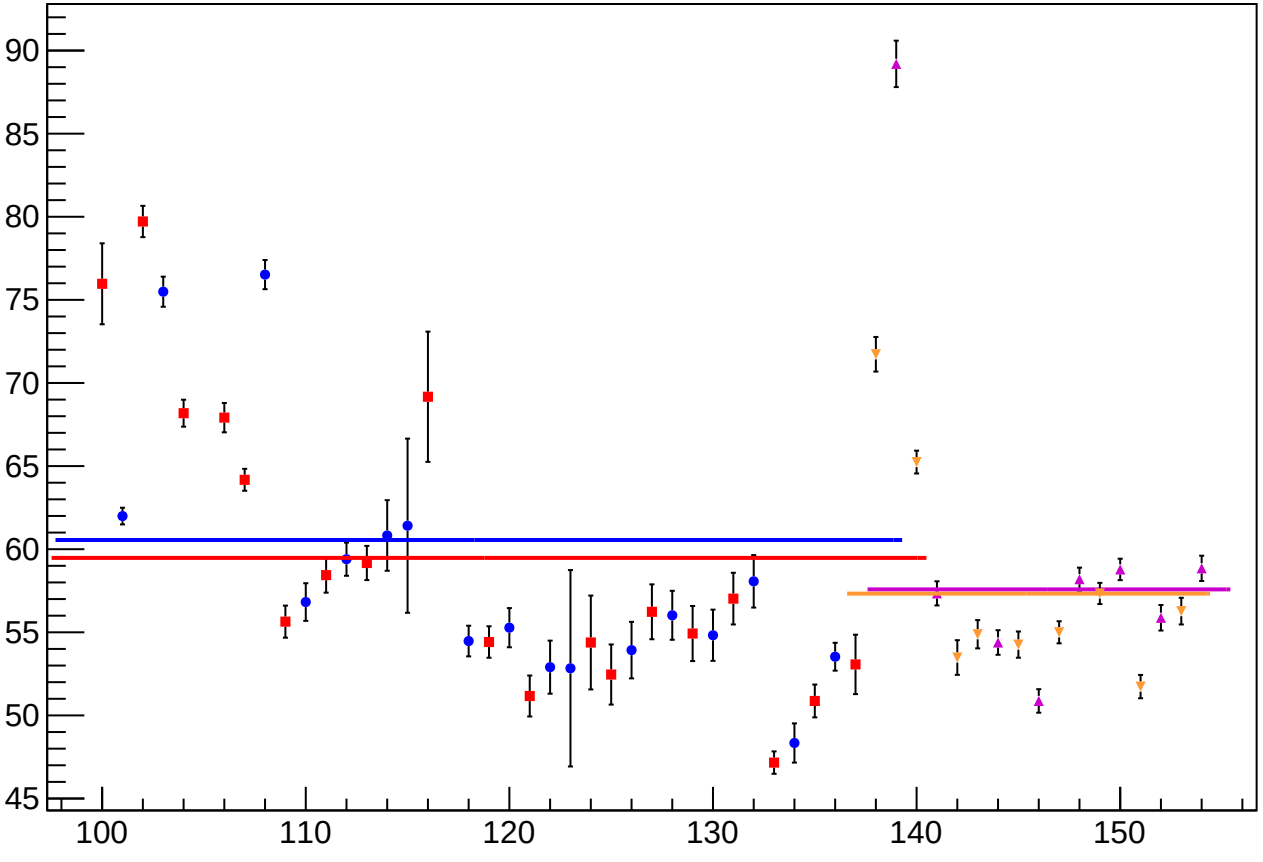
Left In: 1.008+/-0.356 χ^2/NDF:297.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.142+/-0.253 χ^2/NDF: 835.6/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 57.327+/-0.256 χ^2/NDF:438.8/8

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

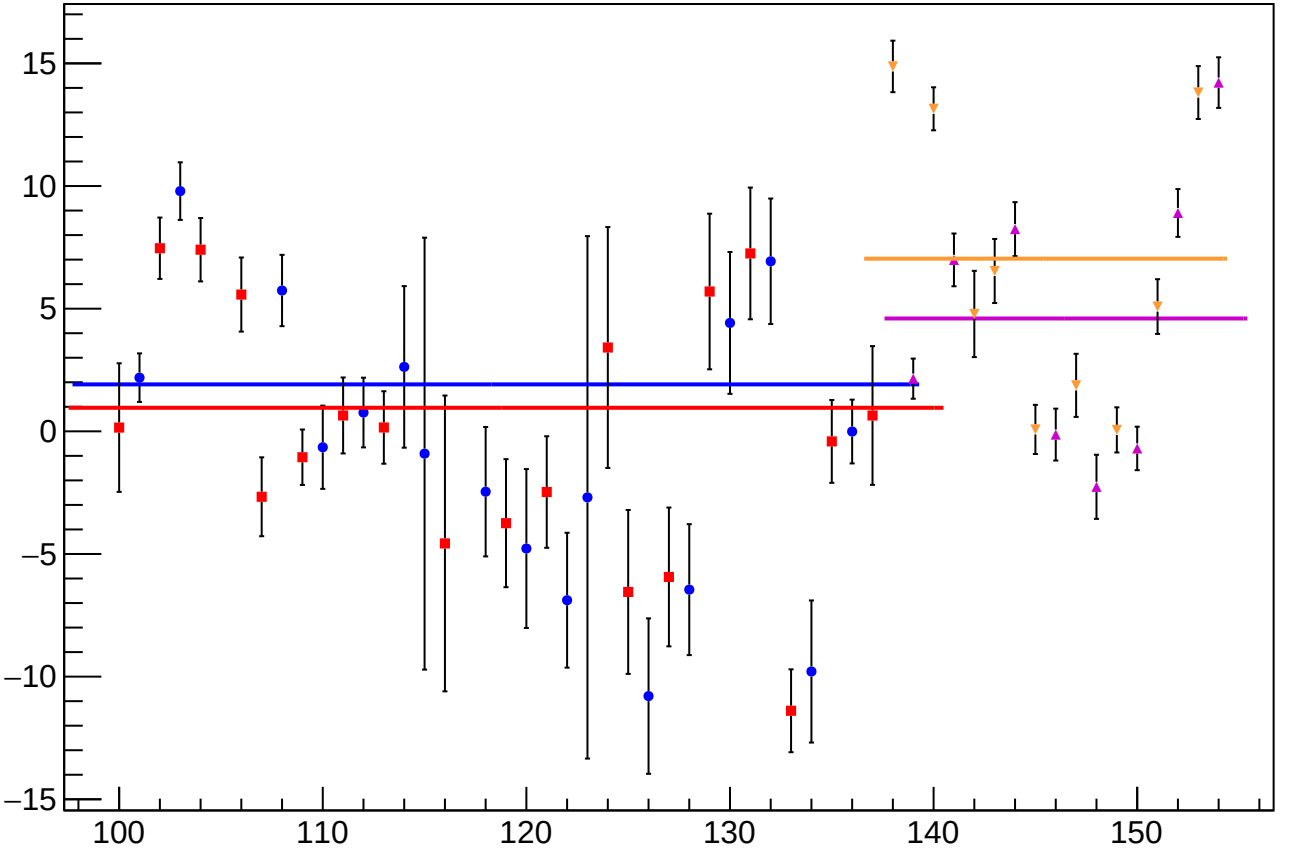
Left In: 57.581+/-0.266 χ^2/NDF:633.6/7

+ sign 58.905+/-0.183 χ^2/NDF: 1447.3/25

All: 58.749+/-0.129 χ^2/NDF: 3426.5/52

- sign 58.595+/-0.181 χ^2/NDF: 1977.8/26

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 7.039+/-0.364 χ^2/NDF:270.5/8

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

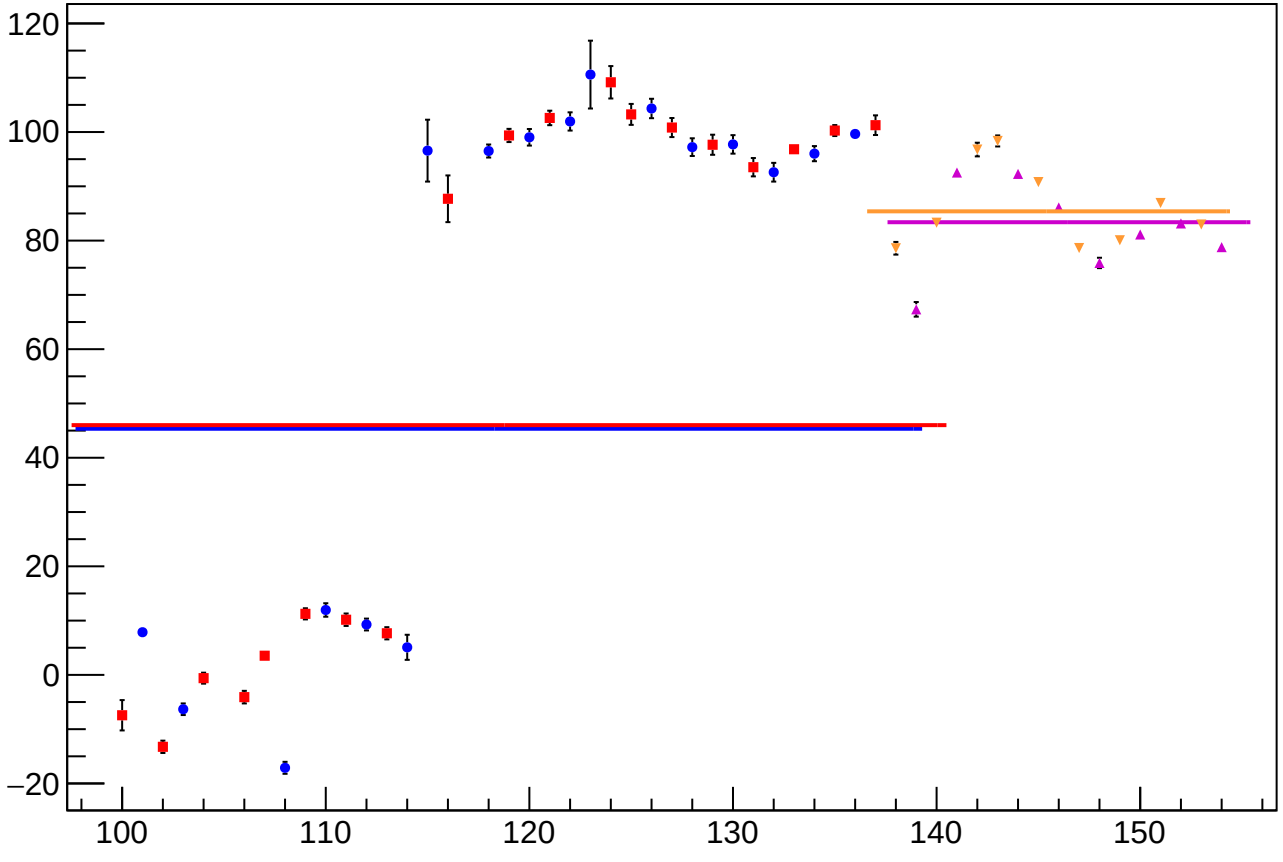
Left In: 4.600+/-0.355 χ^2/NDF:214.6/7

+ sign 5.056+/-0.285 χ^2/NDF: 469.0/25

All: 4.035+/-0.197 χ^2/NDF: 901.0/52

- sign 3.100+/-0.272 χ^2/NDF: 407.4/26

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 85.391+/-0.310 χ^2/NDF:434.0/8

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

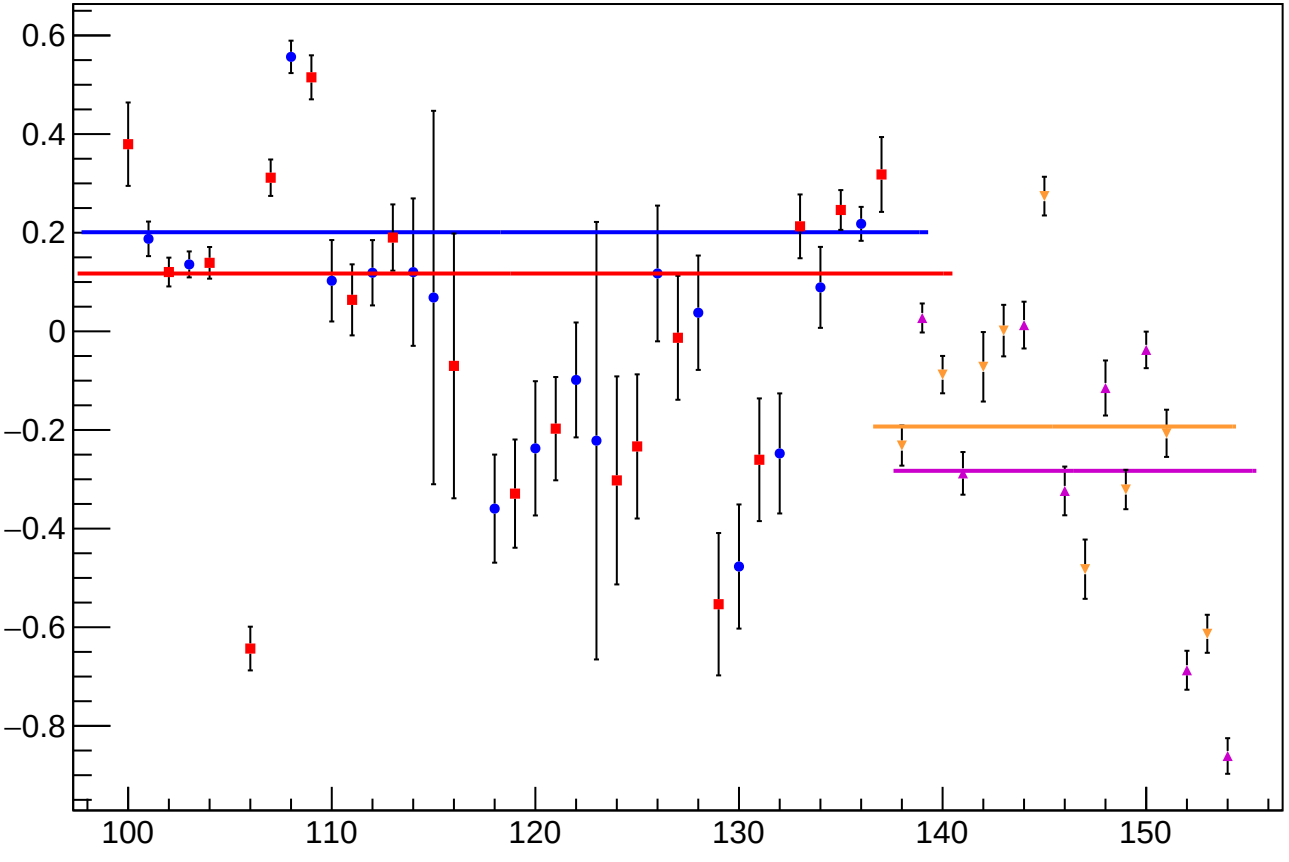
Left In: 83.387+/-0.318 χ^2/NDF:464.7/7

+ sign 64.925+/-0.217 χ^2/NDF: 34032.8/25

All: 63.932+/-0.152 χ^2/NDF: 70324.1/52

- sign 62.965+/-0.214 χ^2/NDF: 36249.9/26

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.193+/-0.015 χ^2/NDF:319.5/8

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

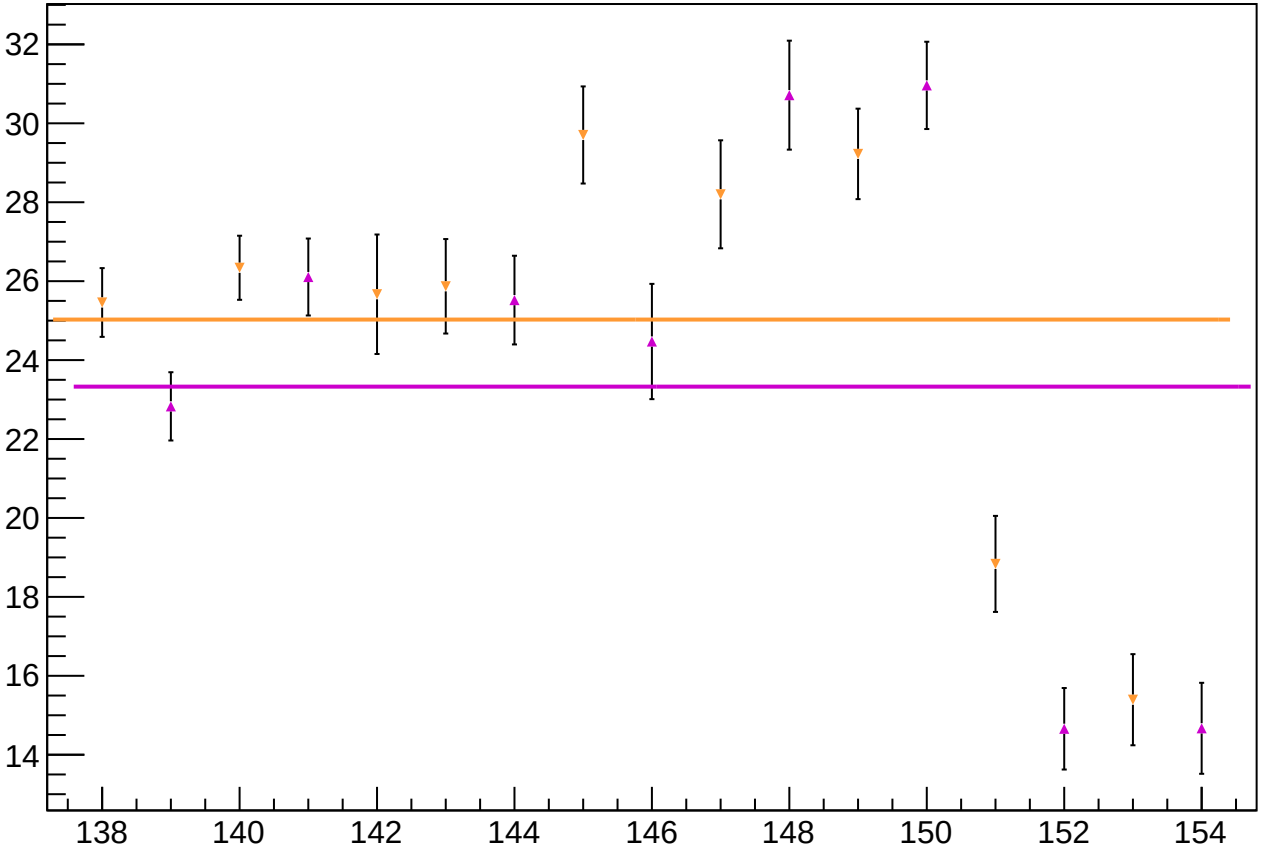
Left In: -0.283+/-0.014 χ^2/NDF:564.5/7

+ sign 0.015+/-0.010 χ^2/NDF: 908.9/25

All: -0.028+/-0.007 χ^2/NDF: 2440.9/52

- sign -0.066+/-0.010 χ^2/NDF: 1498.1/26

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 25.027+/-0.369 χ^2/NDF:132.3/8

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

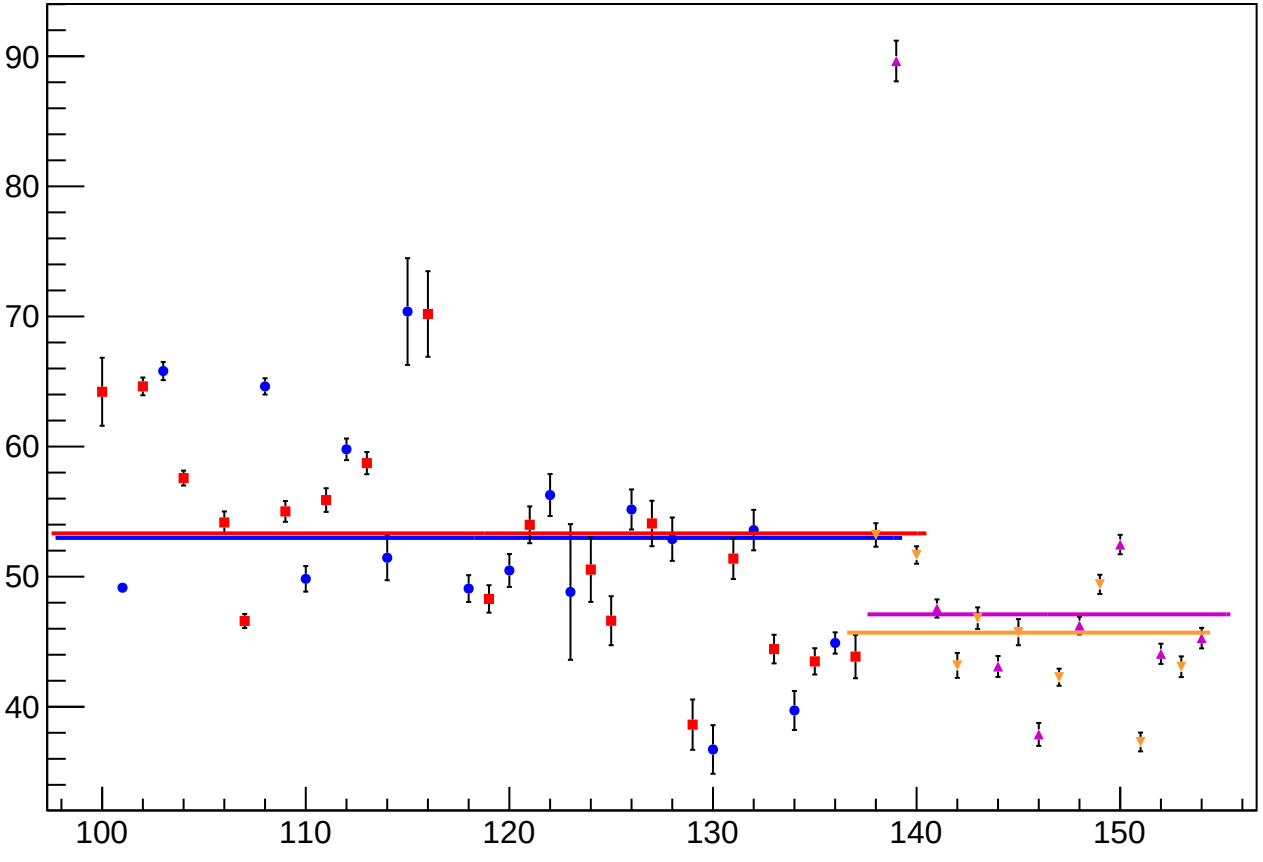
Left In: 23.327+/-0.387 χ^2/NDF:216.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 24.218+/-0.267 χ^2/NDF: 358.4/16

- 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: 45.697+/-0.261 χ^2/NDF:356.1/8

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

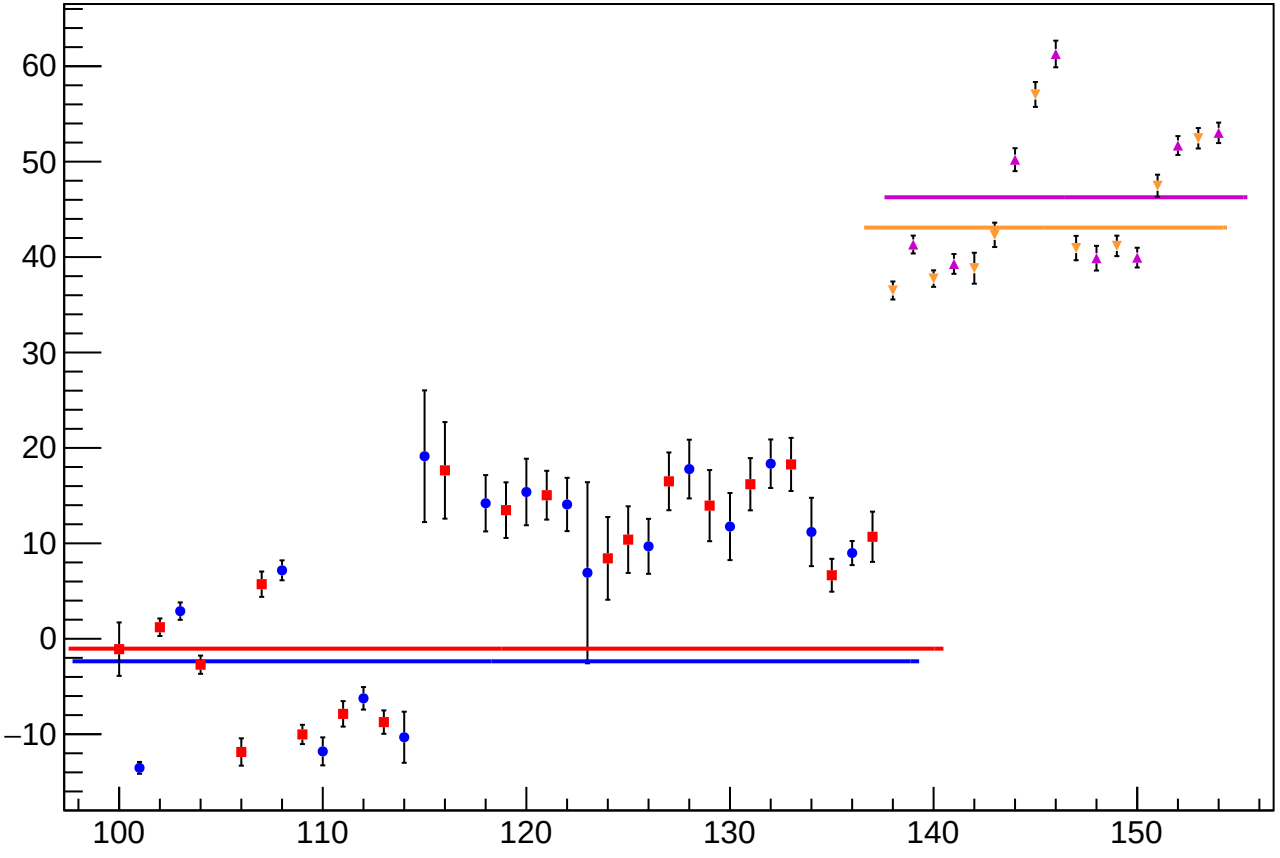
Left In: 47.104+/-0.283 χ^2/NDF:948.5/7

+ sign 50.119+/-0.164 χ^2/NDF: 2025.9/25

All: 50.475+/-0.120 χ^2/NDF: 4152.6/52

- sign 50.891+/-0.177 χ^2/NDF: 2116.4/26

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 43.089+/-0.375 χ^2/NDF:304.9/8

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

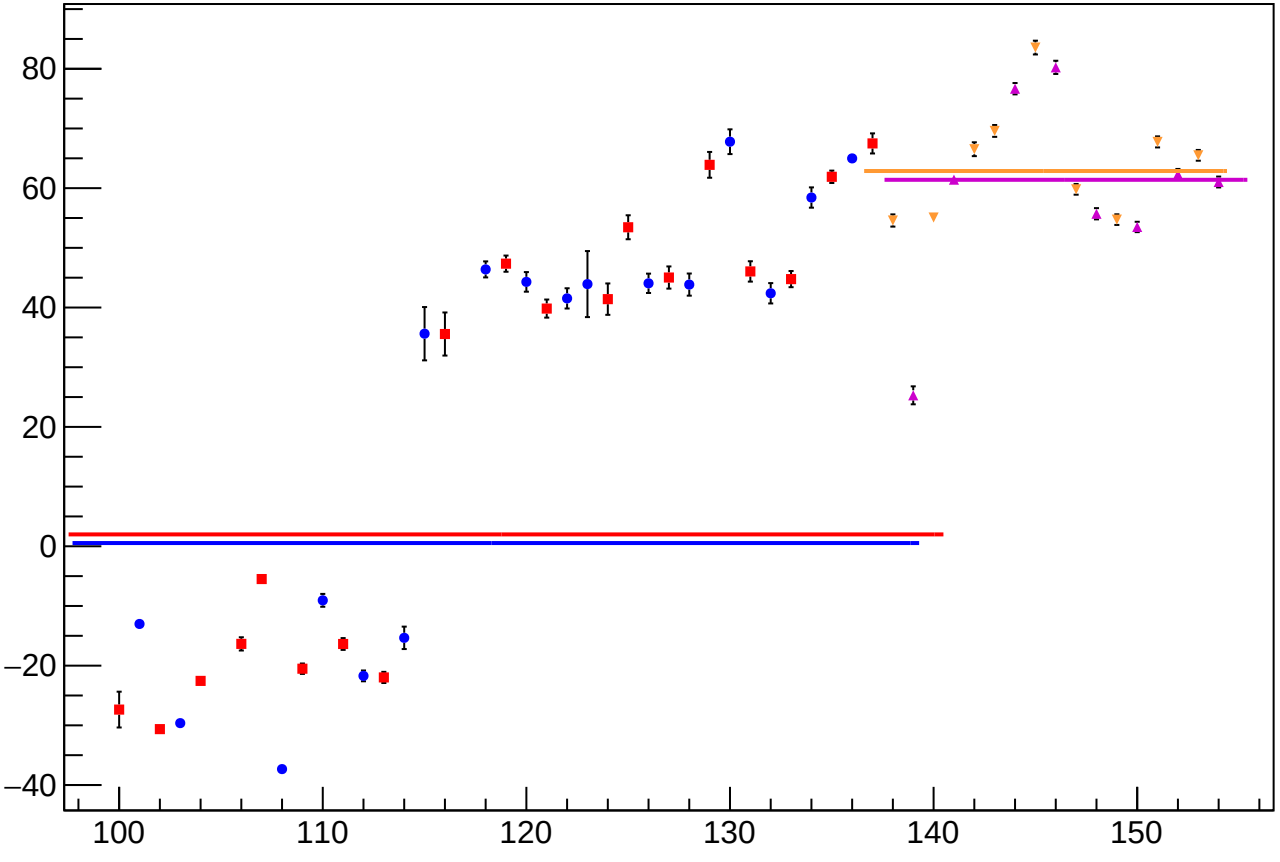
Left In: 46.268+/-0.386 χ^2/NDF:331.4/7

+ sign 19.705+/-0.261 χ^2/NDF: 8722.5/25

All: 20.833+/-0.188 χ^2/NDF: 17283.6/52

- sign 22.039+/-0.270 χ^2/NDF: 8522.3/26

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 62.874+/-0.318 χ^2/NDF:666.0/8

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

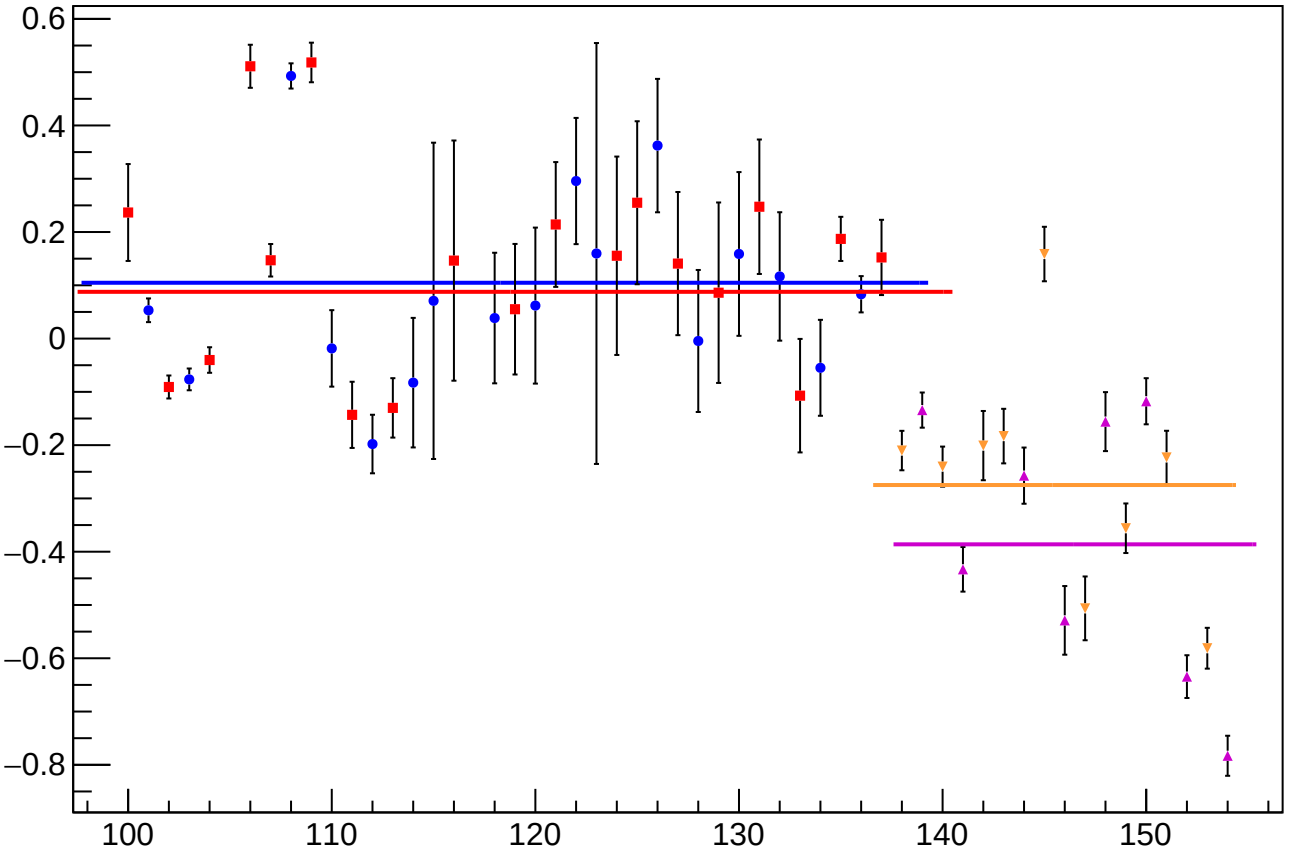
Left In: 61.400+/-0.340 χ^2/NDF:1241.8/7

+ sign 23.960+/-0.195 χ^2/NDF: 43073.9/25

All: 24.245+/-0.143 χ^2/NDF: 78687.3/52

- sign 24.575+/-0.210 χ^2/NDF: 35608.8/26

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.275+/-0.015 χ^2/NDF:163.3/8

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

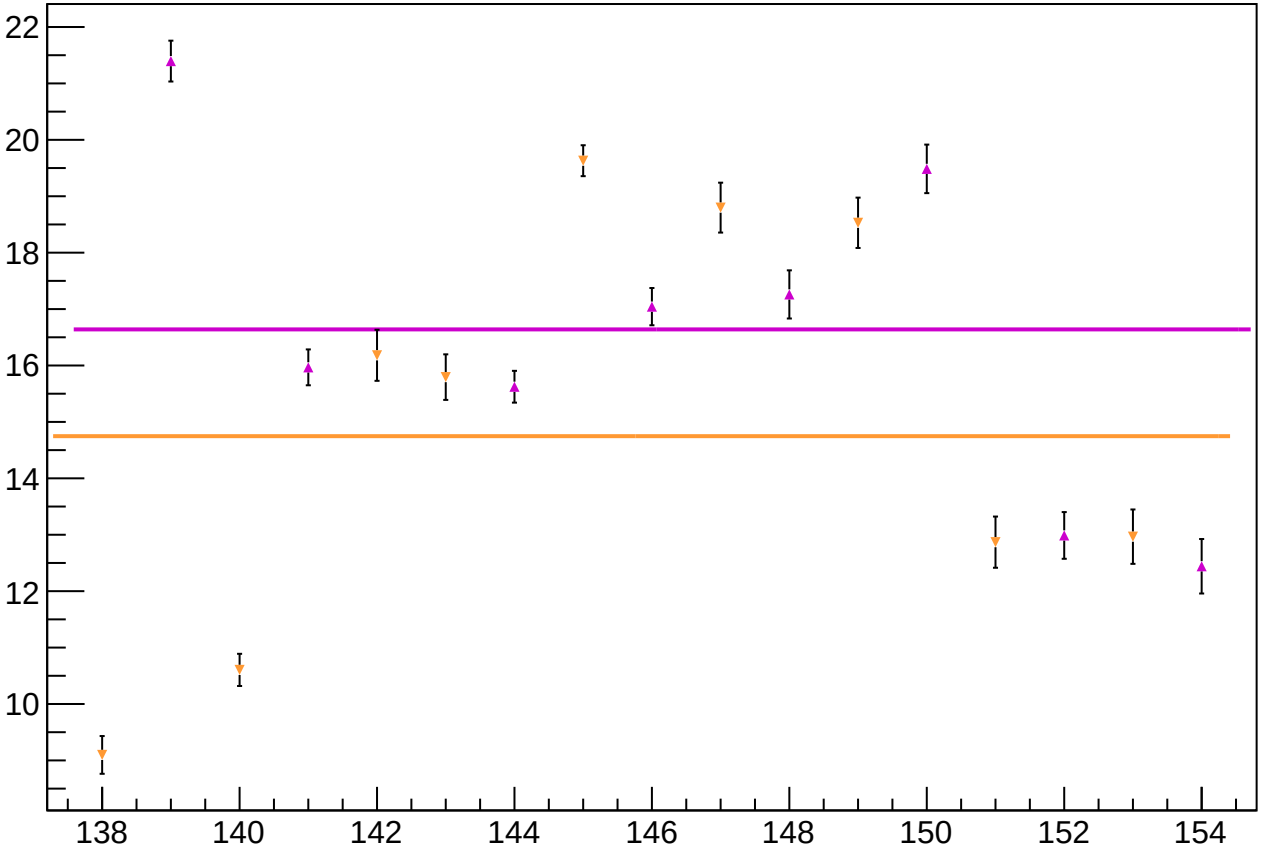
Left In: -0.386+/-0.015 χ^2/NDF:276.0/7

+ sign -0.025+/-0.009 χ^2/NDF: 968.4/25

All: -0.049+/-0.006 χ^2/NDF: 2283.5/52

- sign -0.074+/-0.009 χ^2/NDF: 1300.0/26

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 14.747+/-0.124 χ^2/NDF:1016.7/8

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

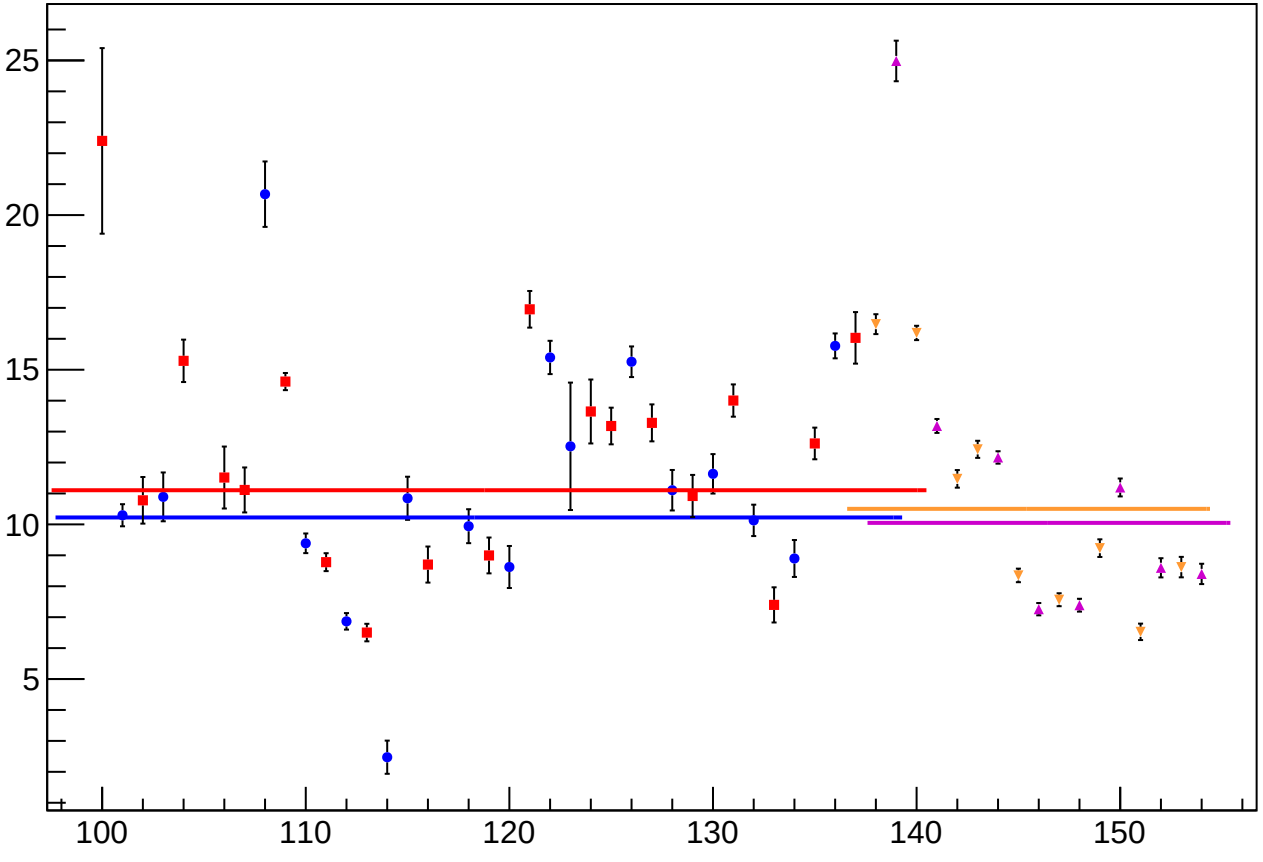
Left In: 16.640+/-0.129 χ^2/NDF:390.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 15.659+/-0.089 χ^2/NDF: 1519.4/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 10.503+/-0.087 χ^2/NDF:1578.0/8

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

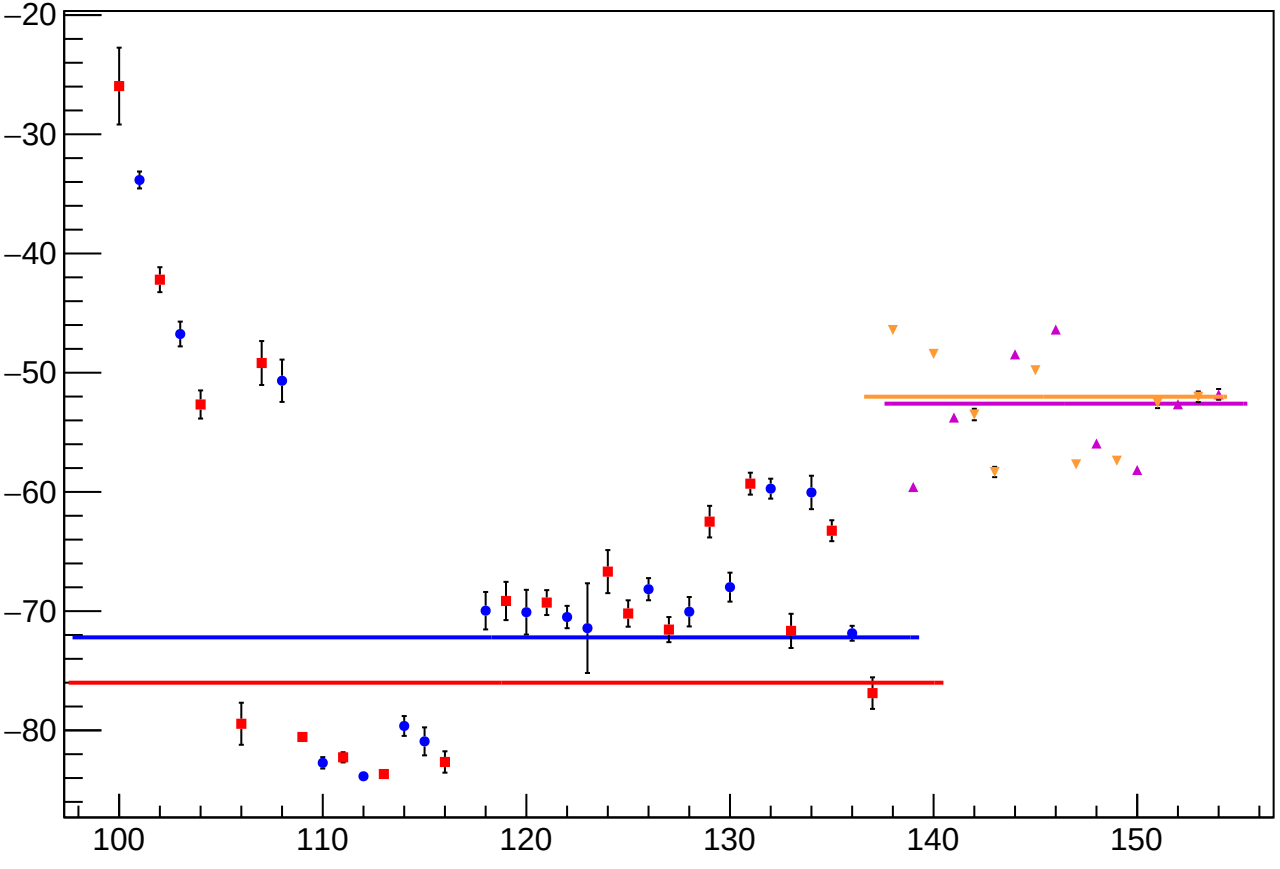
Left In: 10.049+/-0.089 χ^2/NDF:1246.8/7

+ sign 10.406+/-0.070 χ^2/NDF: 2459.1/25

All: 10.421+/-0.050 χ^2/NDF: 4575.2/52

- sign 10.437+/-0.071 χ^2/NDF: 2116.0/26

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -52.012+/-0.127 χ^2/NDF:1015.5/8

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

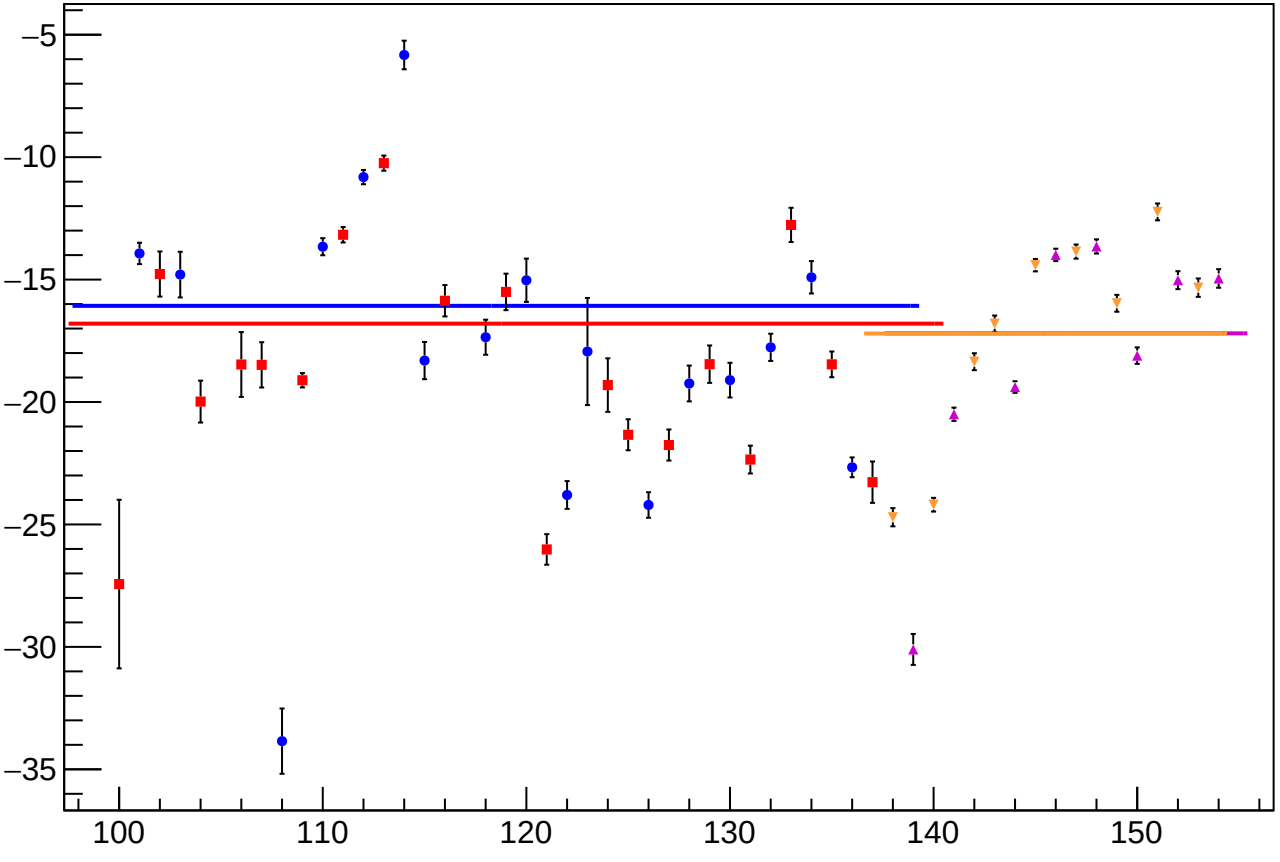
Left In: -52.596+/-0.129 χ^2/NDF:1167.6/7

+ sign -57.931+/-0.107 χ^2/NDF: 13953.8/25

All: -59.236+/-0.075 χ^2/NDF: 29967.0/52

- sign -60.494+/-0.105 χ^2/NDF: 15721.2/26

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -17.204+/-0.106 χ^2/NDF:1543.4/8

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

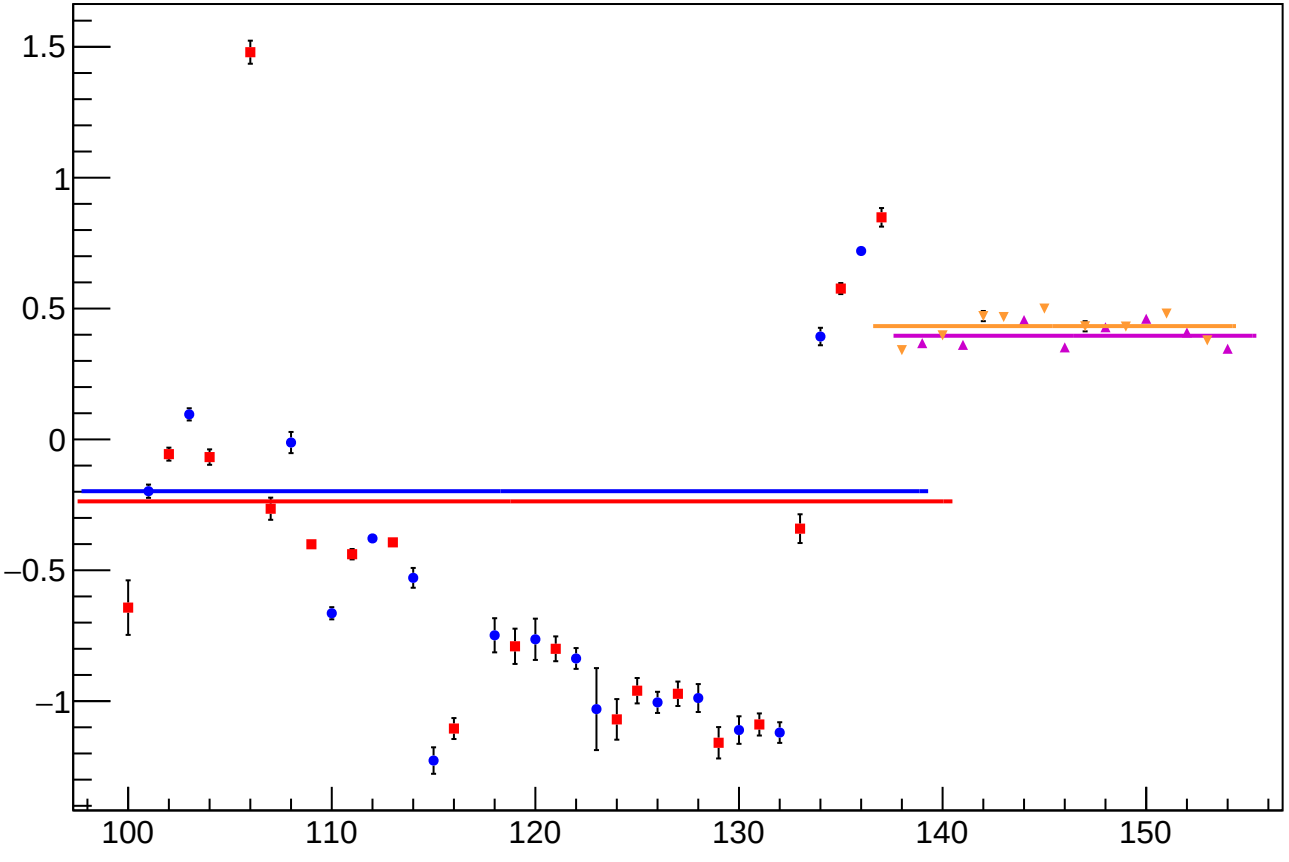
Left In: -17.196+/-0.109 χ^2/NDF:1036.7/7

+ sign -16.760+/-0.083 χ^2/NDF: 3228.9/25

All: -16.894+/-0.059 χ^2/NDF: 5492.2/52

- sign -17.029+/-0.083 χ^2/NDF: 2258.0/26

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.433+/-0.005 χ^2/NDF:107.7/8

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

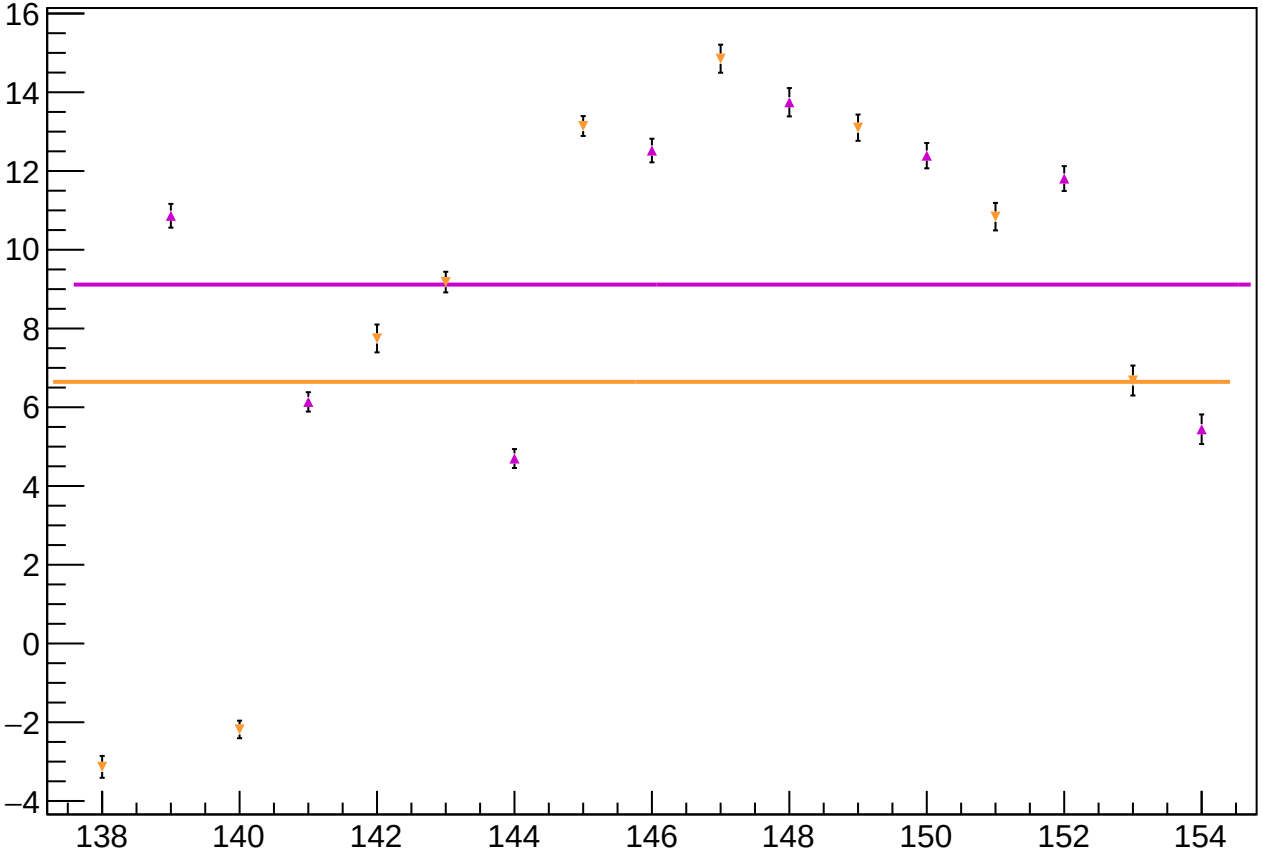
Left In: 0.396+/-0.005 χ^2/NDF:69.6/7

+ sign 0.228+/-0.004 χ^2/NDF: 11174.8/25

All: 0.200+/-0.003 χ^2/NDF: 22593.5/52

- sign 0.173+/-0.004 χ^2/NDF: 11337.4/26

reg_asym_sam8_diff_bpm1X_slope vs Slug



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

Left Out: 6.645+/-0.098 χ^2/NDF:4627.2/8

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

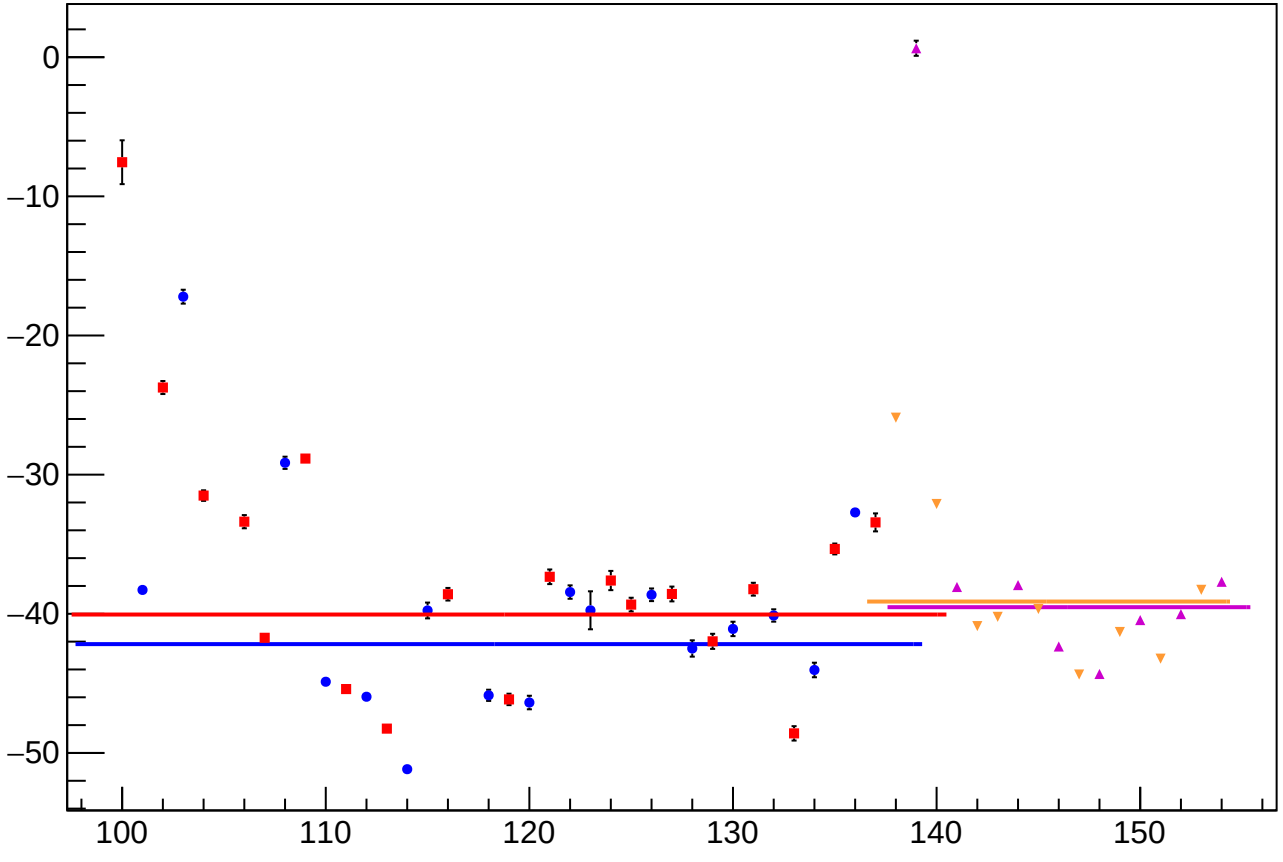
Left In: 9.116+/-0.105 χ^2/NDF:1084.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 7.798+/-0.072 χ^2/NDF: 6005.8/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -39.119+/-0.068 χ^2/NDF:5481.5/8

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

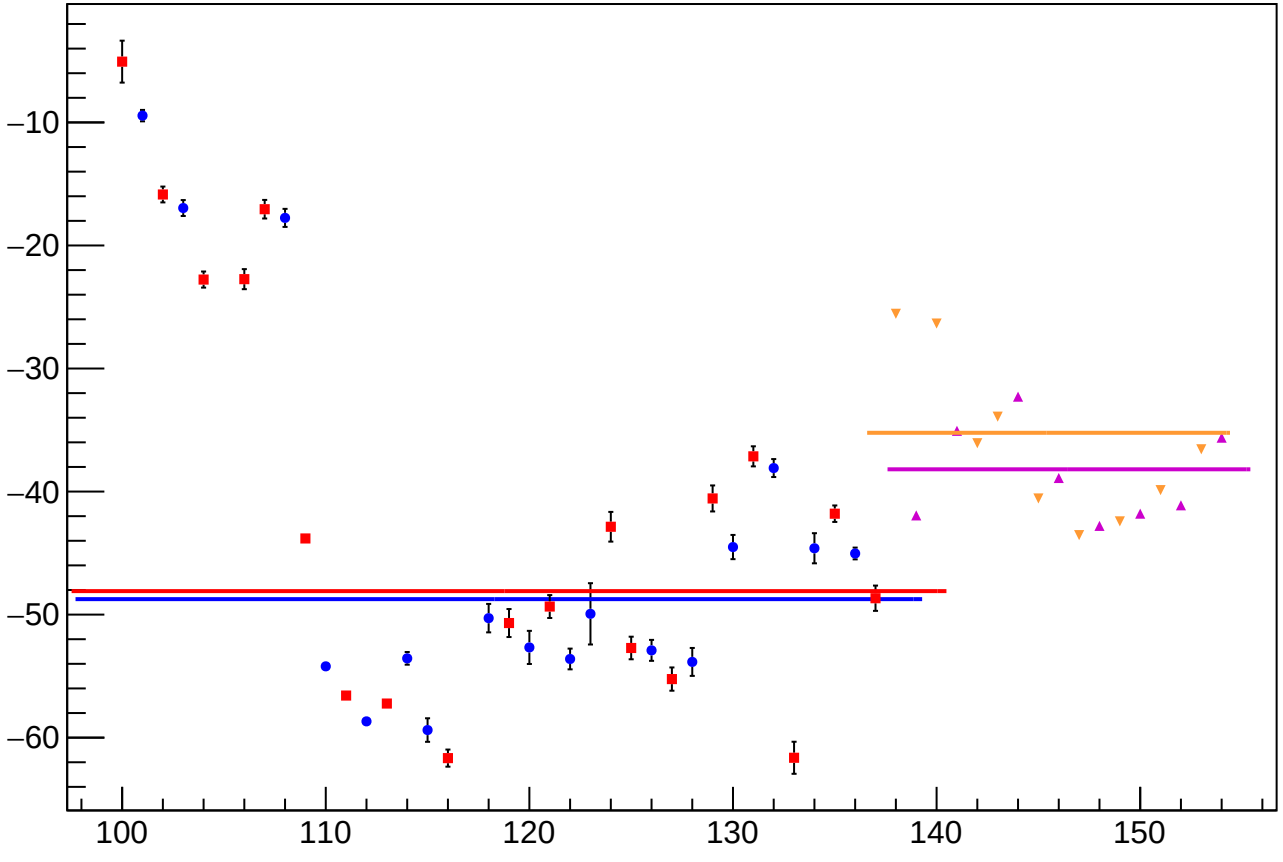
Left In: -39.524+/-0.073 χ^2/NDF:6642.8/7

+ sign -40.453+/-0.051 χ^2/NDF: 12928.2/25

All: -40.124+/-0.036 χ^2/NDF: 30993.3/52

- sign -39.790+/-0.052 χ^2/NDF: 17982.3/26

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -35.224+/-0.101 χ^2/NDF:4223.6/8

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

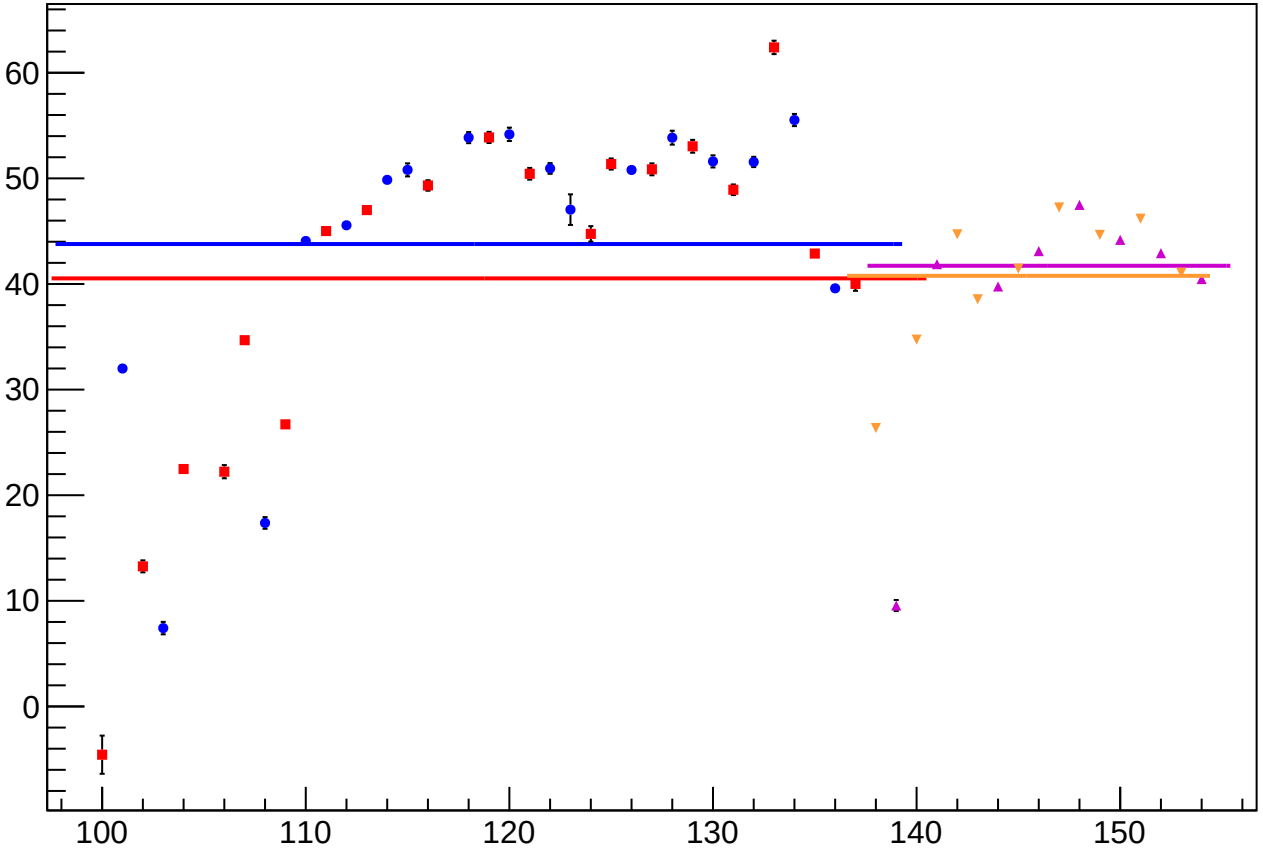
Left In: -38.192+/-0.105 χ^2/NDF:1284.7/7

+ sign -40.570+/-0.078 χ^2/NDF: 26019.1/25

All: -41.862+/-0.054 χ^2/NDF: 43897.1/52

- sign -43.053+/-0.075 χ^2/NDF: 17353.9/26

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 40.772+/-0.084 χ^2/NDF:4646.5/8

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

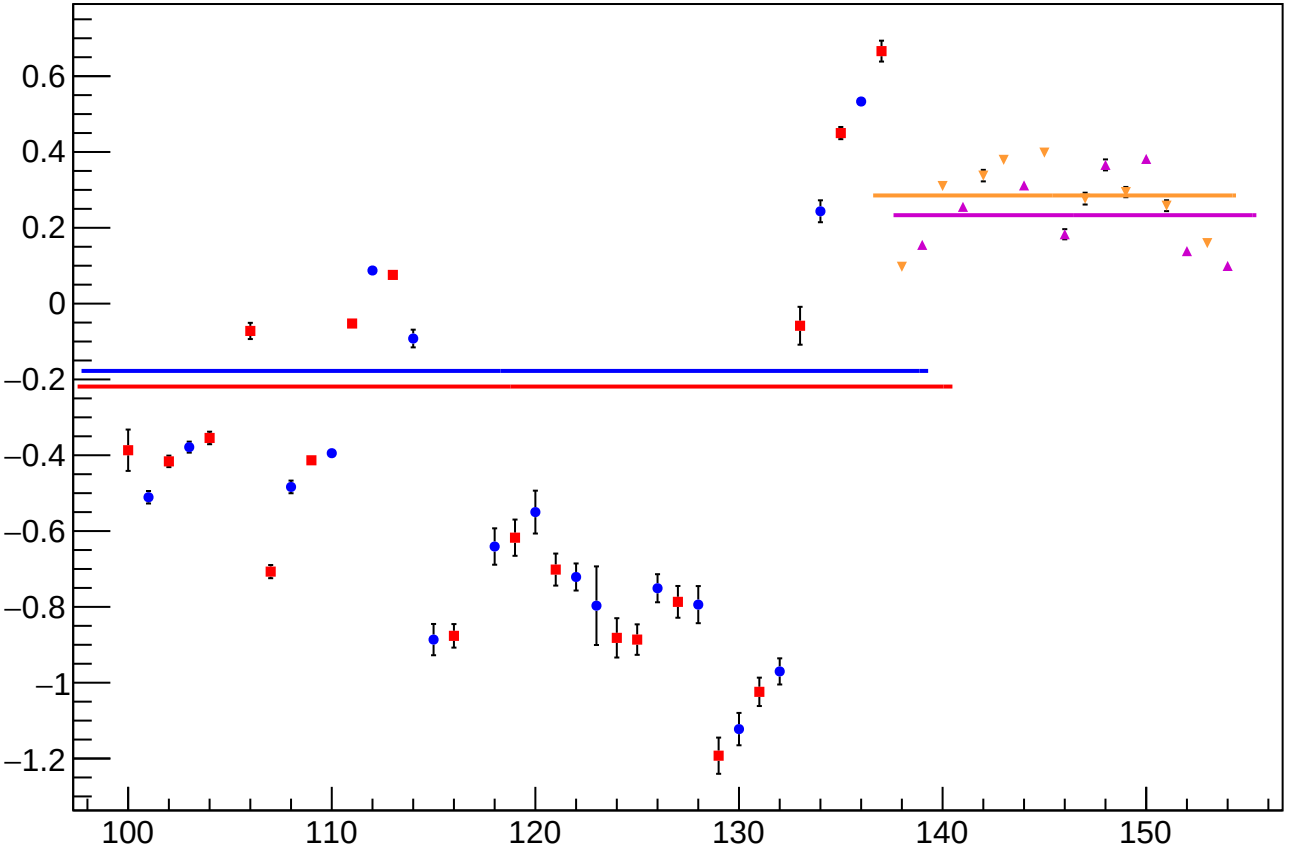
Left In: 41.724+/-0.089 χ^2/NDF:4578.6/7

+ sign 42.223+/-0.060 χ^2/NDF: 15910.4/25

All: 41.639+/-0.042 χ^2/NDF: 38356.1/52

- sign 41.063+/-0.060 χ^2/NDF: 22258.0/26

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.285+/-0.004 χ^2/NDF:554.6/8

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

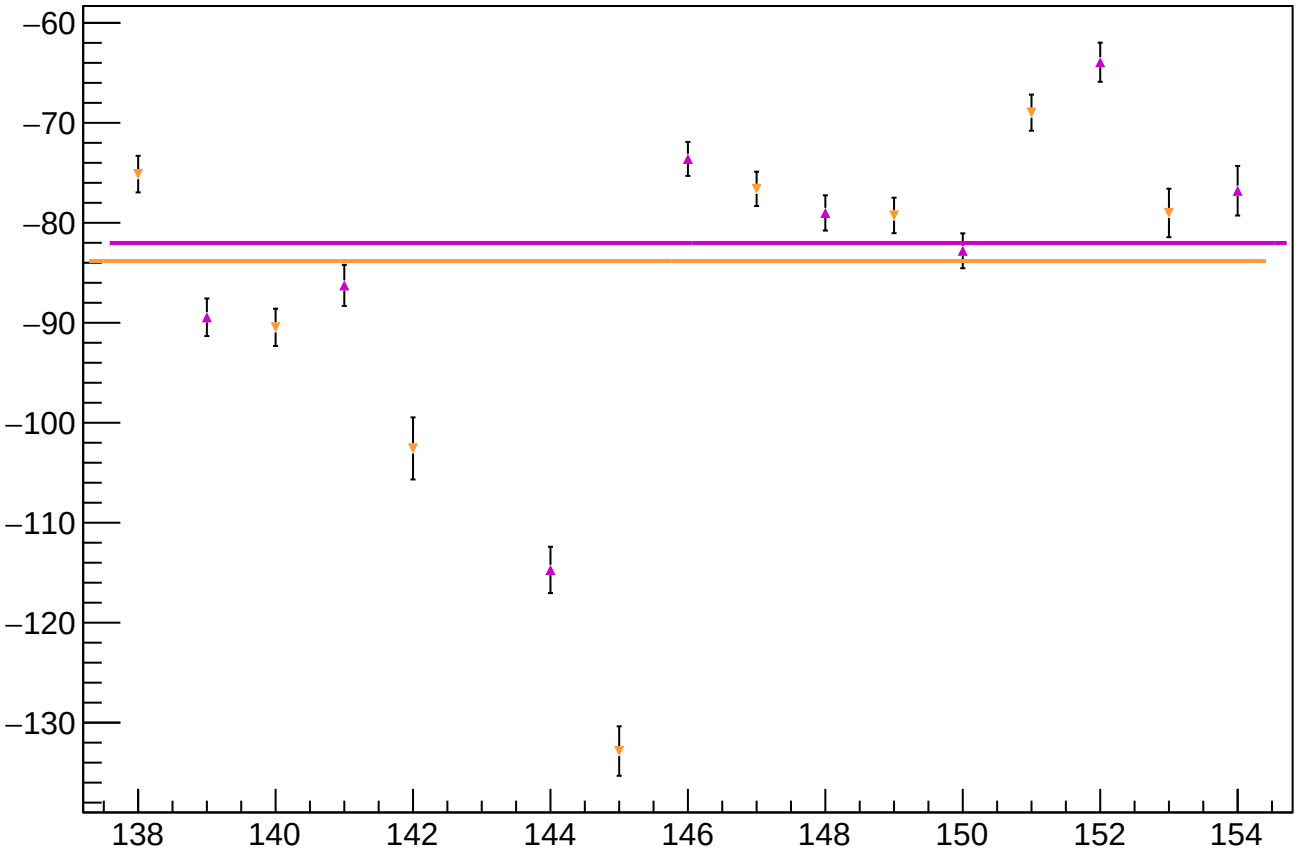
Left In: 0.233+/-0.004 χ^2/NDF:514.9/7

+ sign 0.090+/-0.003 χ^2/NDF: 13218.7/25

All: 0.047+/-0.002 χ^2/NDF: 27091.8/52

- sign 0.008+/-0.003 χ^2/NDF: 13522.9/26

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -83.827+/-0.710 χ^2/NDF:559.3/7

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

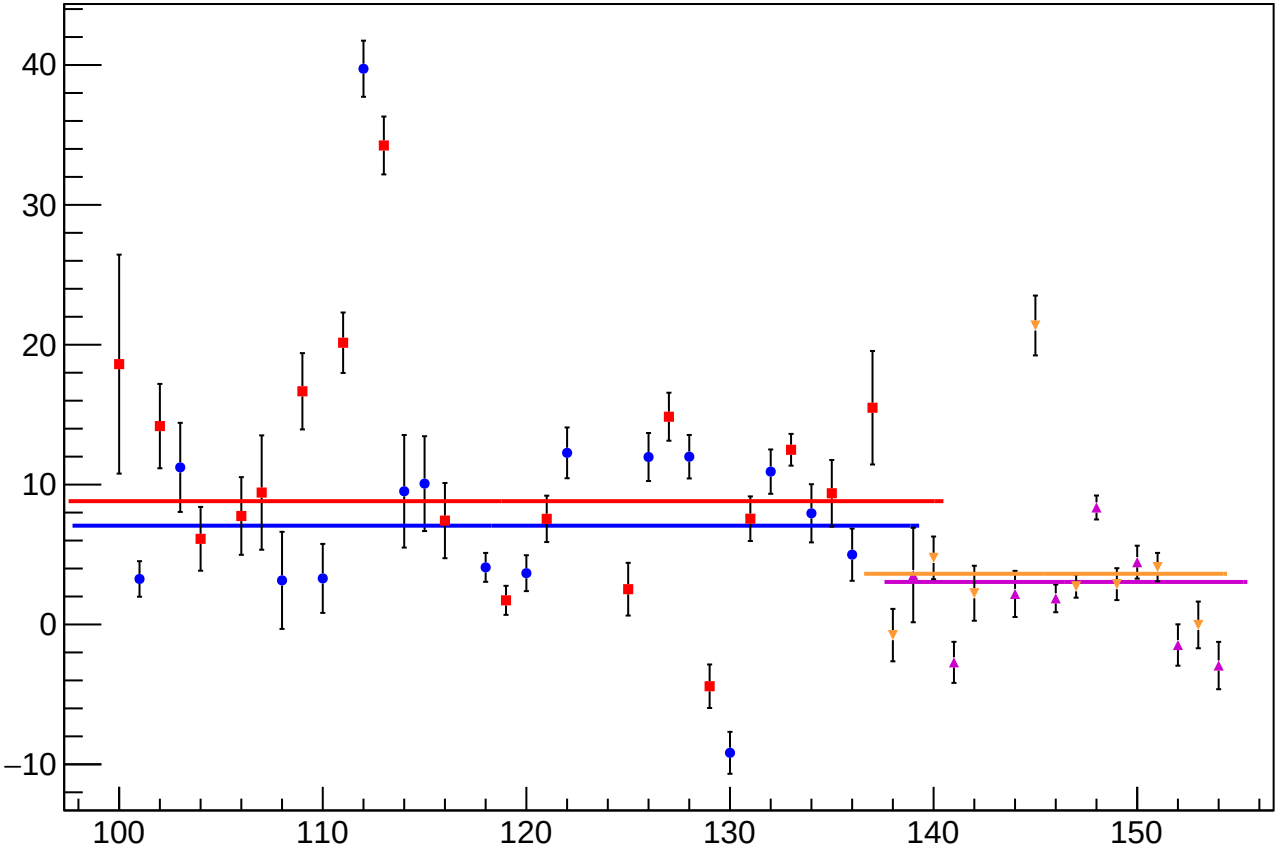
Left In: -82.016+/-0.686 χ^2/NDF:336.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -82.891+/-0.493 χ^2/NDF: 899.0/15

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 3.624+/-0.456 χ^2/NDF:82.0/7

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

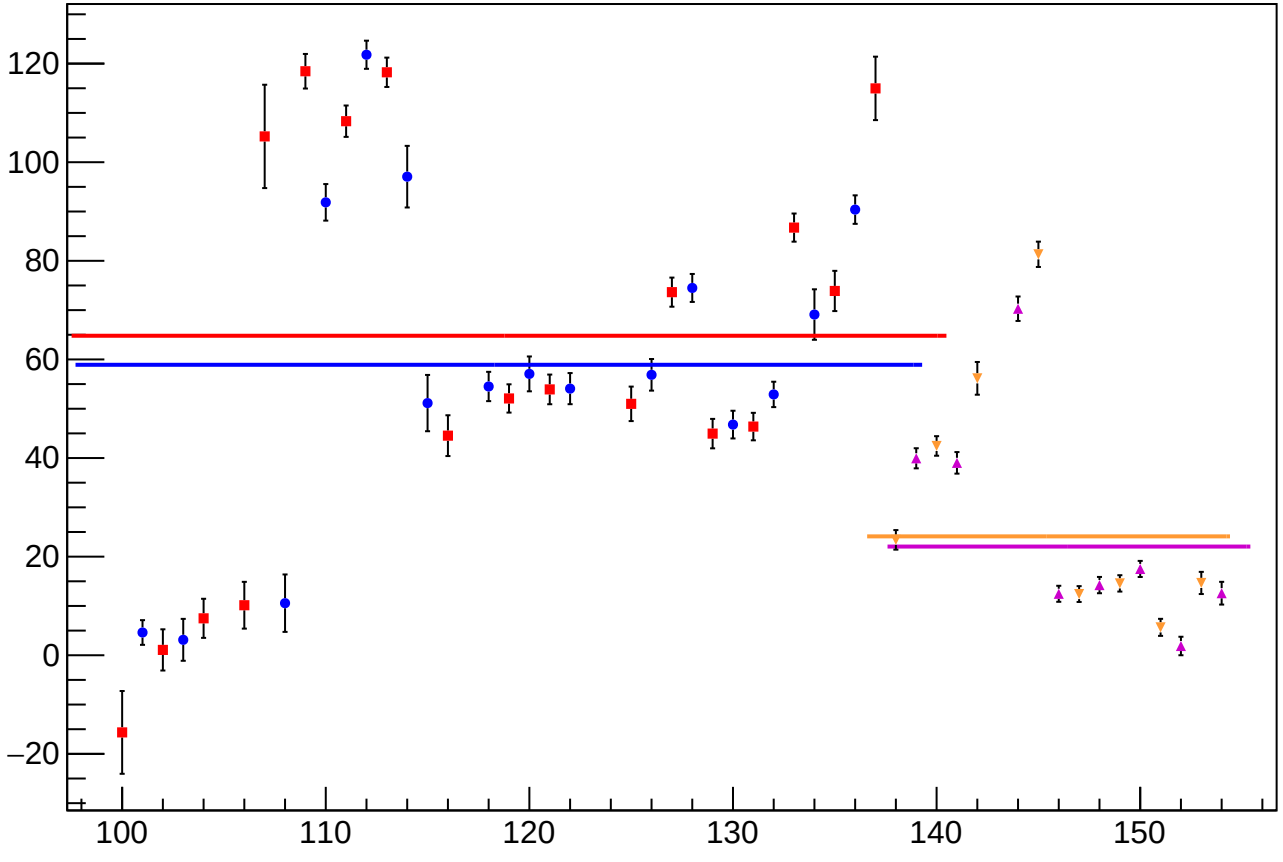
Left In: 3.040+/-0.455 χ^2/NDF:78.9/7

+ sign 5.432+/-0.314 χ^2/NDF: 558.7/23

All: 5.695+/-0.224 χ^2/NDF: 1071.0/49

- sign 5.967+/-0.320 χ^2/NDF: 510.9/25

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 24.112+/-0.701 χ^2/NDF:892.5/7

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

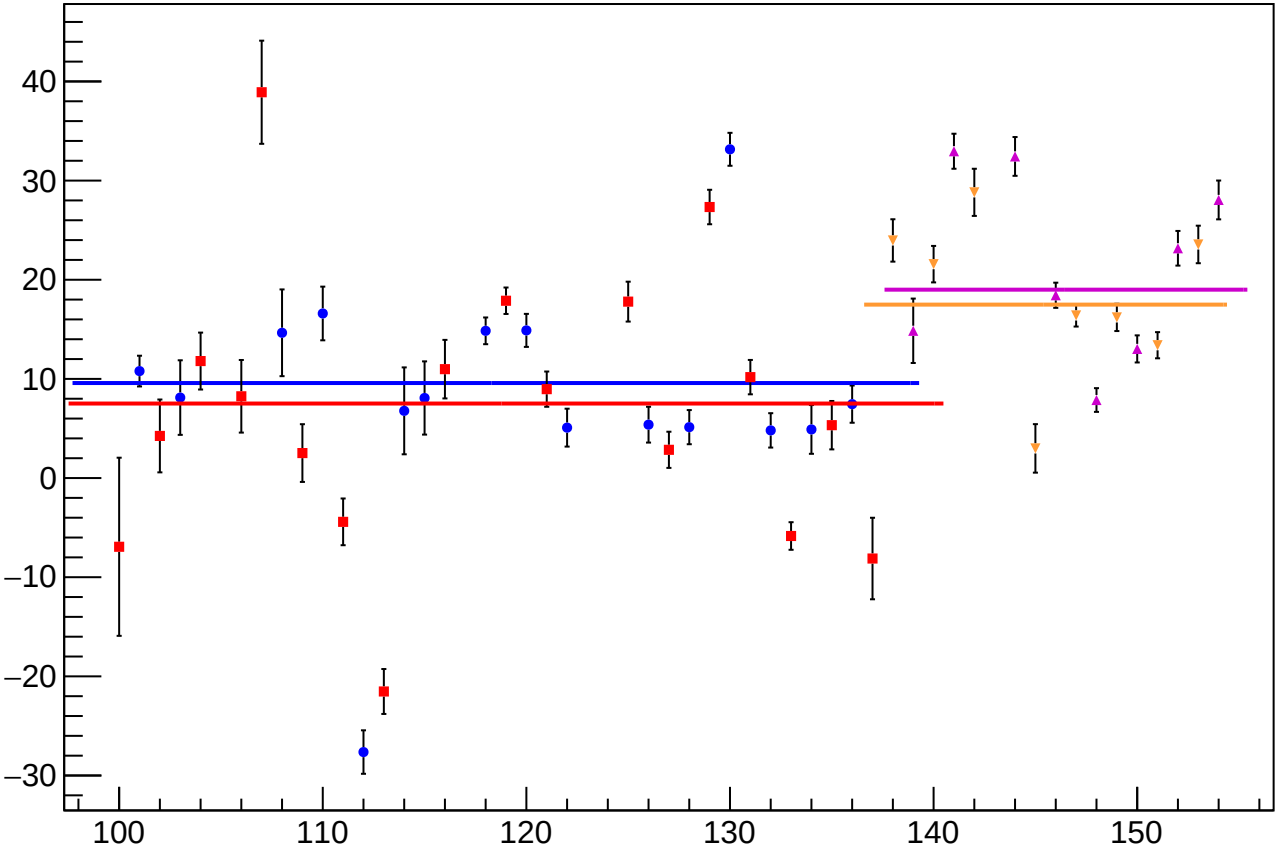
Left In: 22.046+/-0.673 χ^2/NDF:713.6/7

+ sign 38.574+/-0.536 χ^2/NDF: 3413.2/23

All: 38.673+/-0.375 χ^2/NDF: 7421.6/49

- sign 38.768+/-0.525 χ^2/NDF: 4008.4/25

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 17.492+/-0.574 χ^2/NDF:93.6/7

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

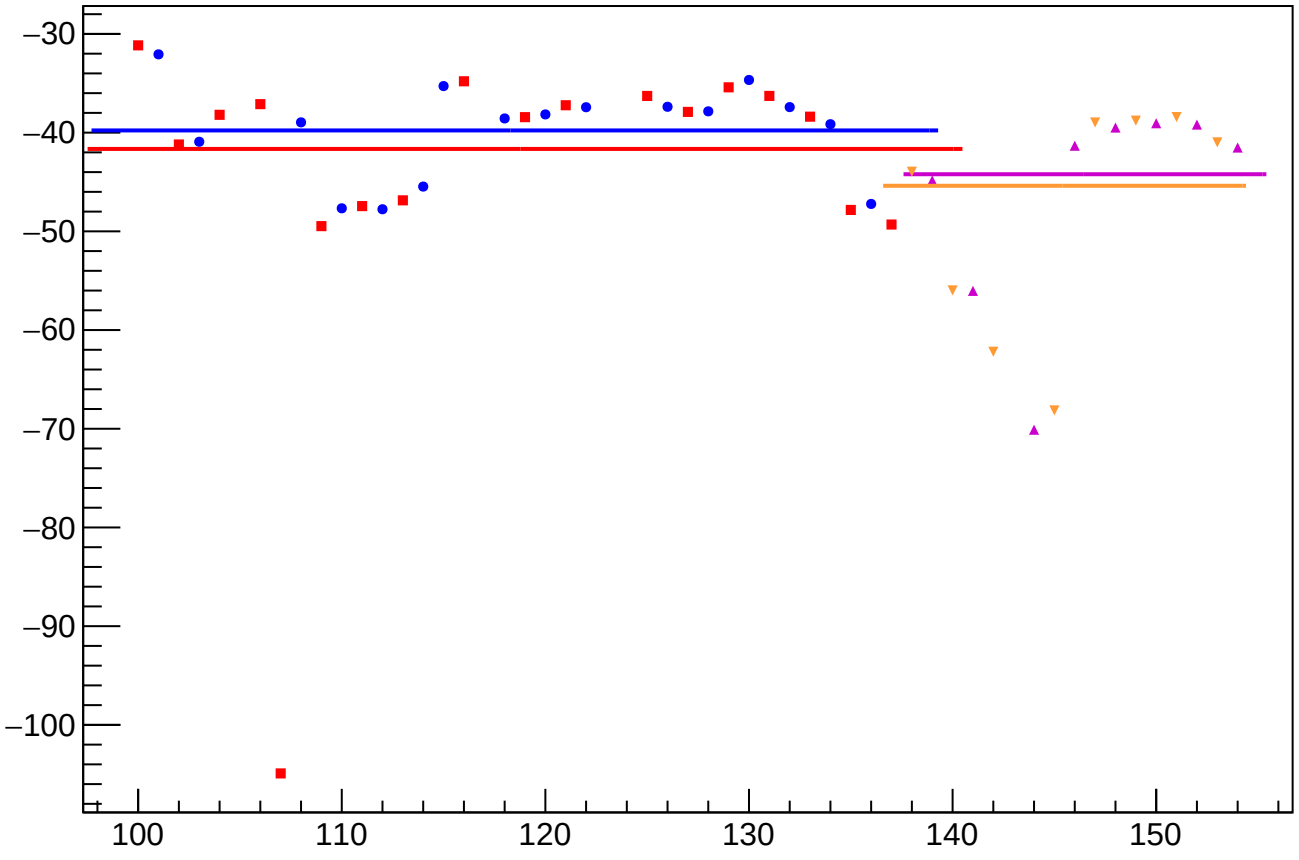
Left In: 19.000+/-0.566 χ^2/NDF:244.2/7

+ sign 13.002+/-0.378 χ^2/NDF: 755.7/23

All: 12.863+/-0.268 χ^2/NDF: 1794.9/49

- sign 12.722+/-0.381 χ^2/NDF: 1038.9/25

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -45.384+/-0.029 χ^2/NDF:108525.5/7

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

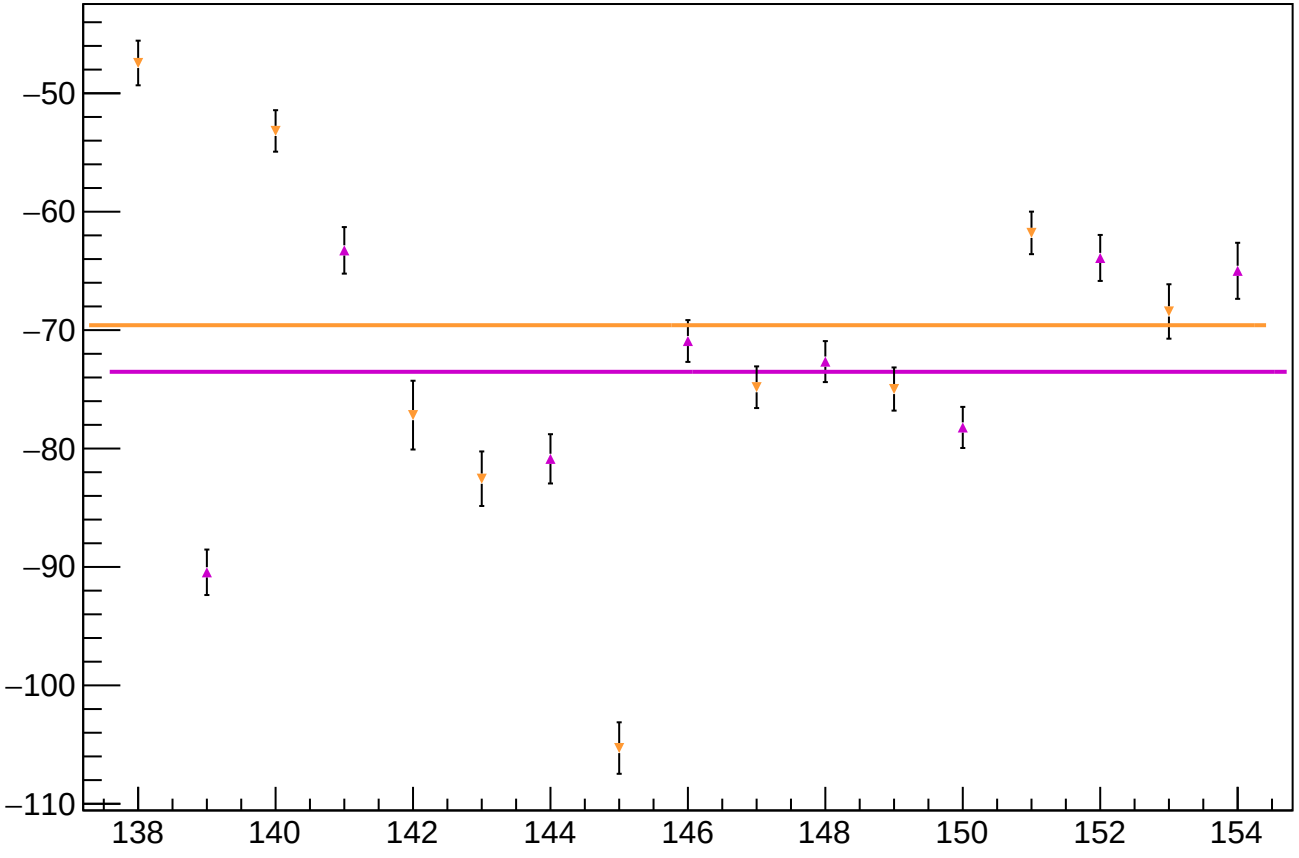
Left In: -44.215+/-0.028 χ^2/NDF:91614.6/7

+ sign -42.729+/-0.021 χ^2/NDF: 151834.2/23

All: -42.917+/-0.015 χ^2/NDF: 341855.2/49

- sign -43.092+/-0.021 χ^2/NDF: 189871.1/25

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -69.585+/-0.667 χ^2/NDF:570.7/8

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

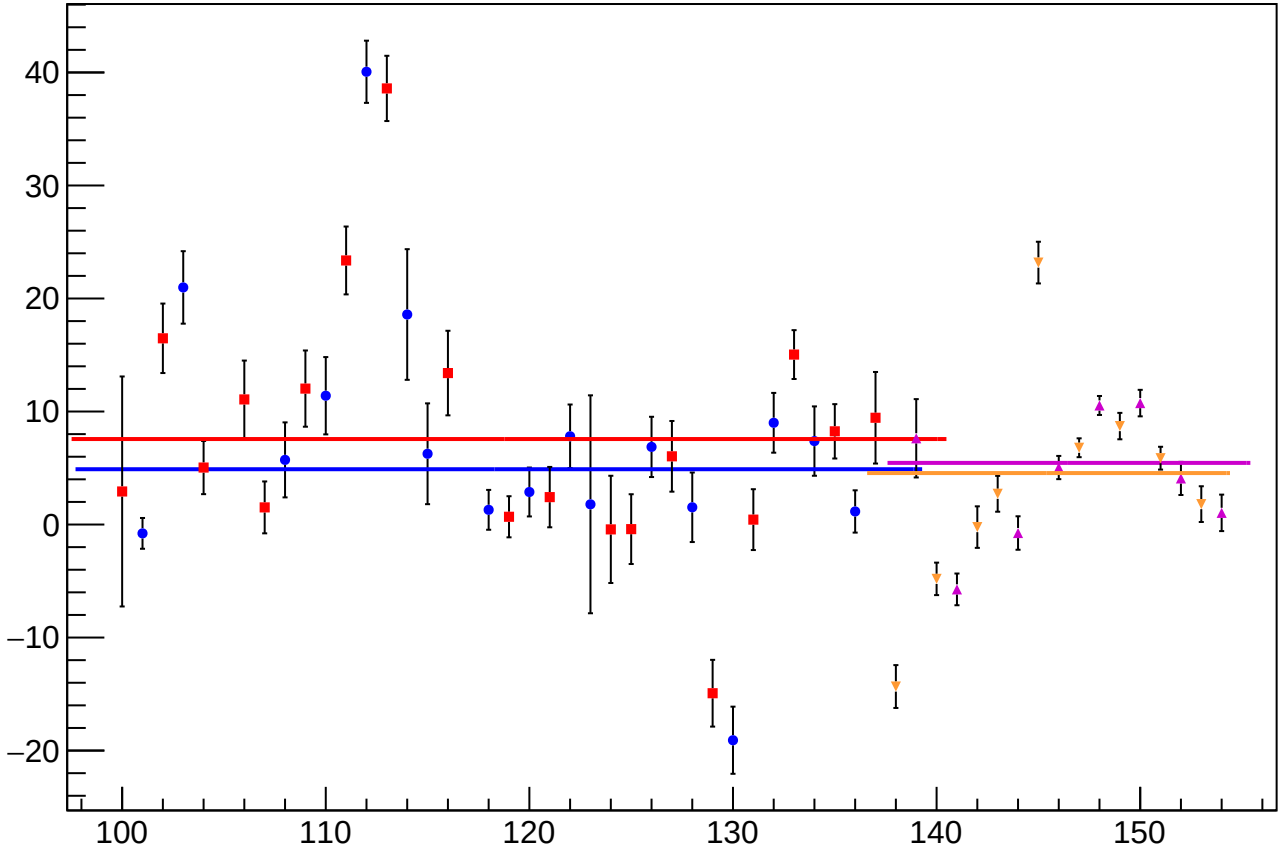
Left In: -73.520+/-0.676 χ^2/NDF:164.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -71.527+/-0.475 χ^2/NDF: 752.6/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 4.554+/-0.434 χ^2/NDF:276.2/8

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

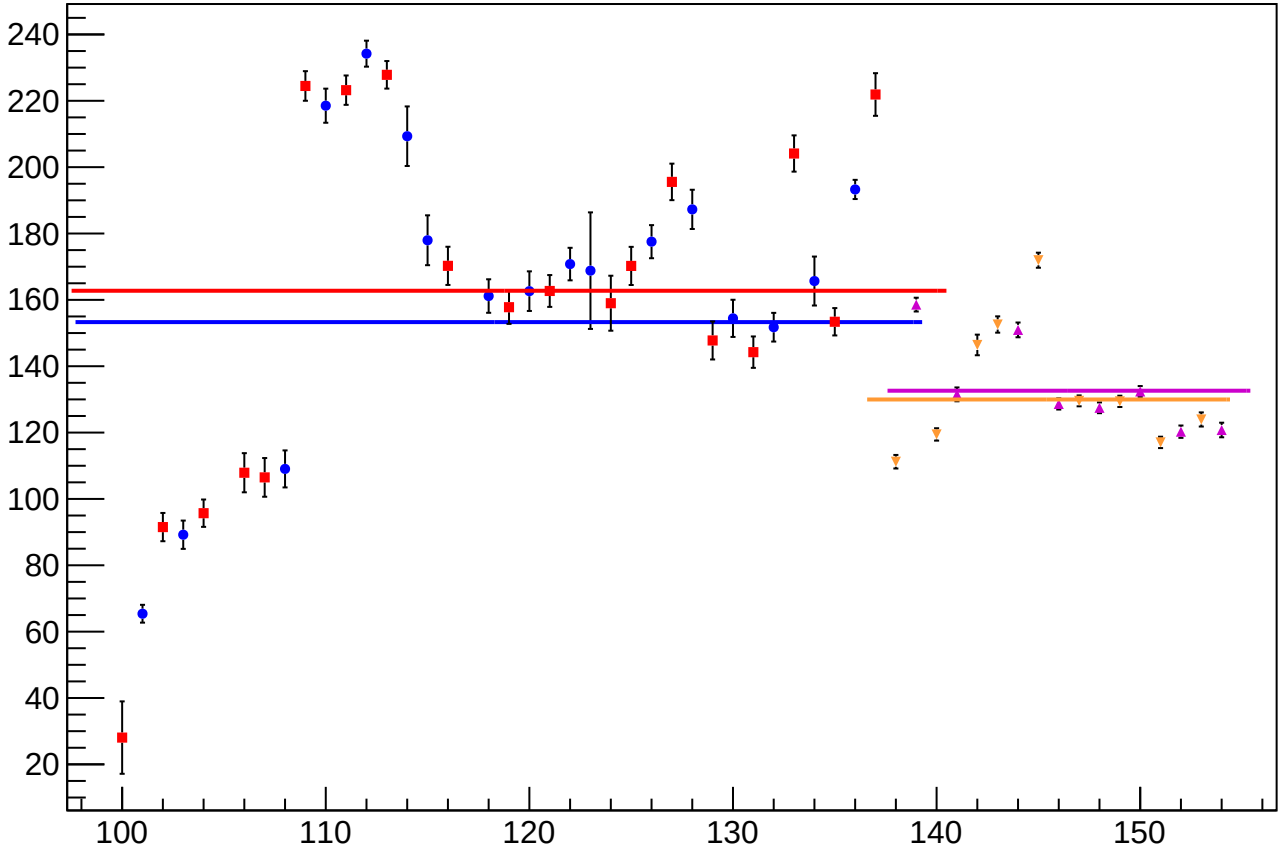
Left In: 5.454+/-0.448 χ^2/NDF:147.1/7

+ sign 4.666+/-0.356 χ^2/NDF: 571.8/25

All: 5.372+/-0.256 χ^2/NDF: 1004.4/52

- sign 6.131+/-0.369 χ^2/NDF: 424.4/26

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 129.974+/-0.664 χ^2/NDF:635.7/8

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

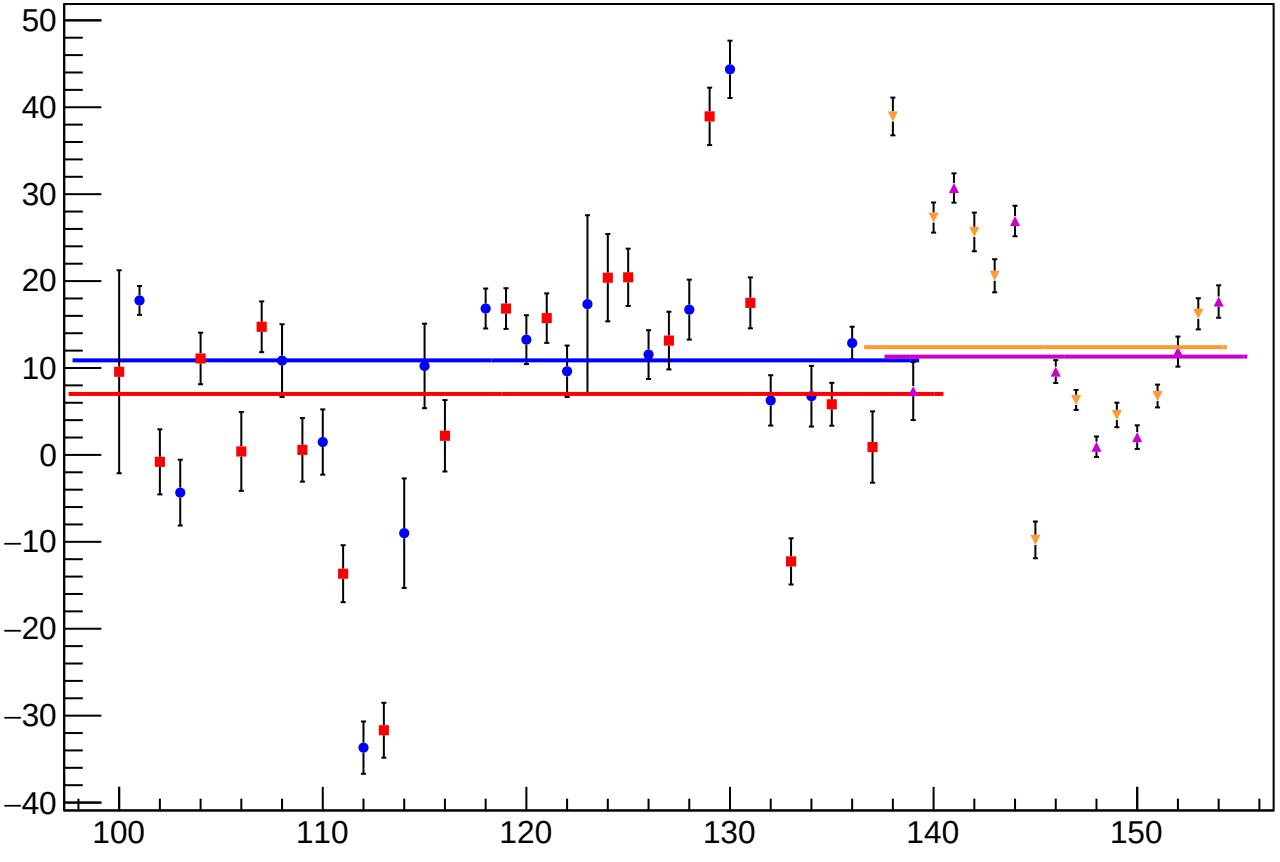
Left In: 132.618+/-0.664 χ^2/NDF:312.7/7

+ sign 135.852+/-0.575 χ^2/NDF: 3212.9/25

All: 137.861+/-0.408 χ^2/NDF: 5756.3/52

- sign 139.894+/-0.578 χ^2/NDF: 2518.8/26

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 12.396+/-0.543 χ^2/NDF:469.1/8

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

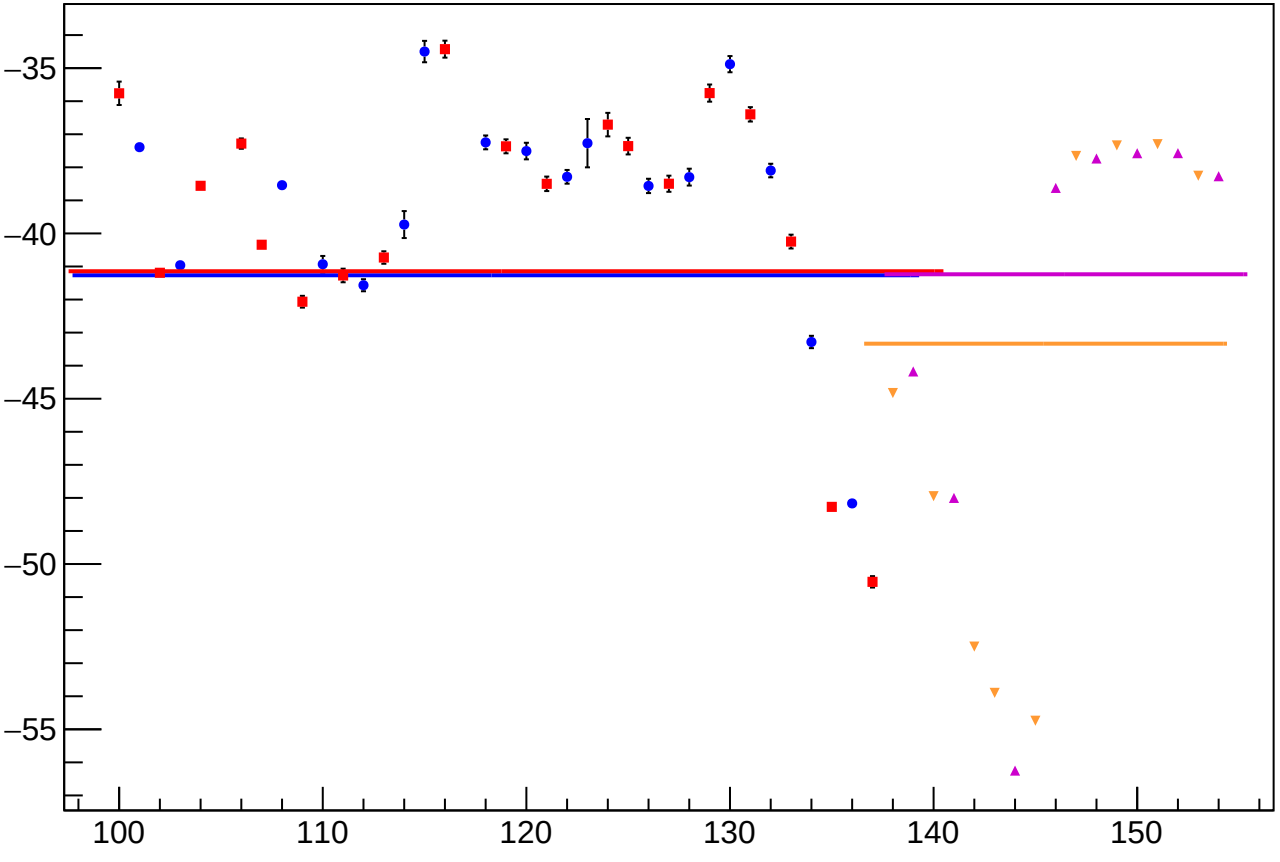
Left In: 11.310+/-0.556 χ^2/NDF:350.1/7

+ sign 11.840+/-0.432 χ^2/NDF: 860.0/25

All: 10.844+/-0.310 χ^2/NDF: 1666.9/52

- sign 9.780+/-0.447 χ^2/NDF: 795.8/26

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -43.335+/-0.028 χ^2/NDF:59572.0/8

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

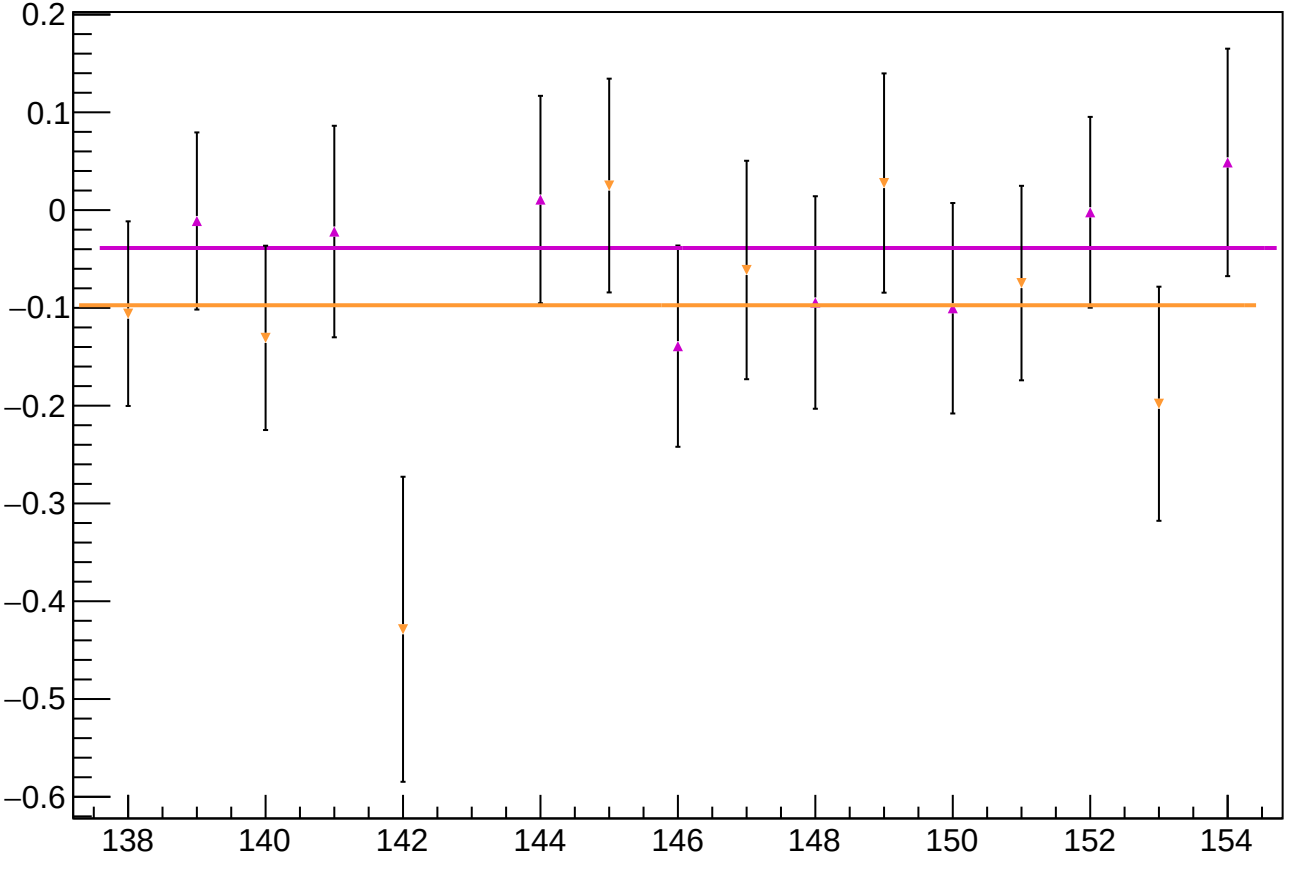
Left In: -41.236+/-0.027 χ^2/NDF:42155.0/7

+ sign -42.627+/-0.023 χ^2/NDF: 74044.2/25

All: -41.906+/-0.016 χ^2/NDF: 130444.7/52

- sign -41.205+/-0.022 χ^2/NDF: 54377.4/26

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.097+/-0.038 χ^2/NDF:8.0/7

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

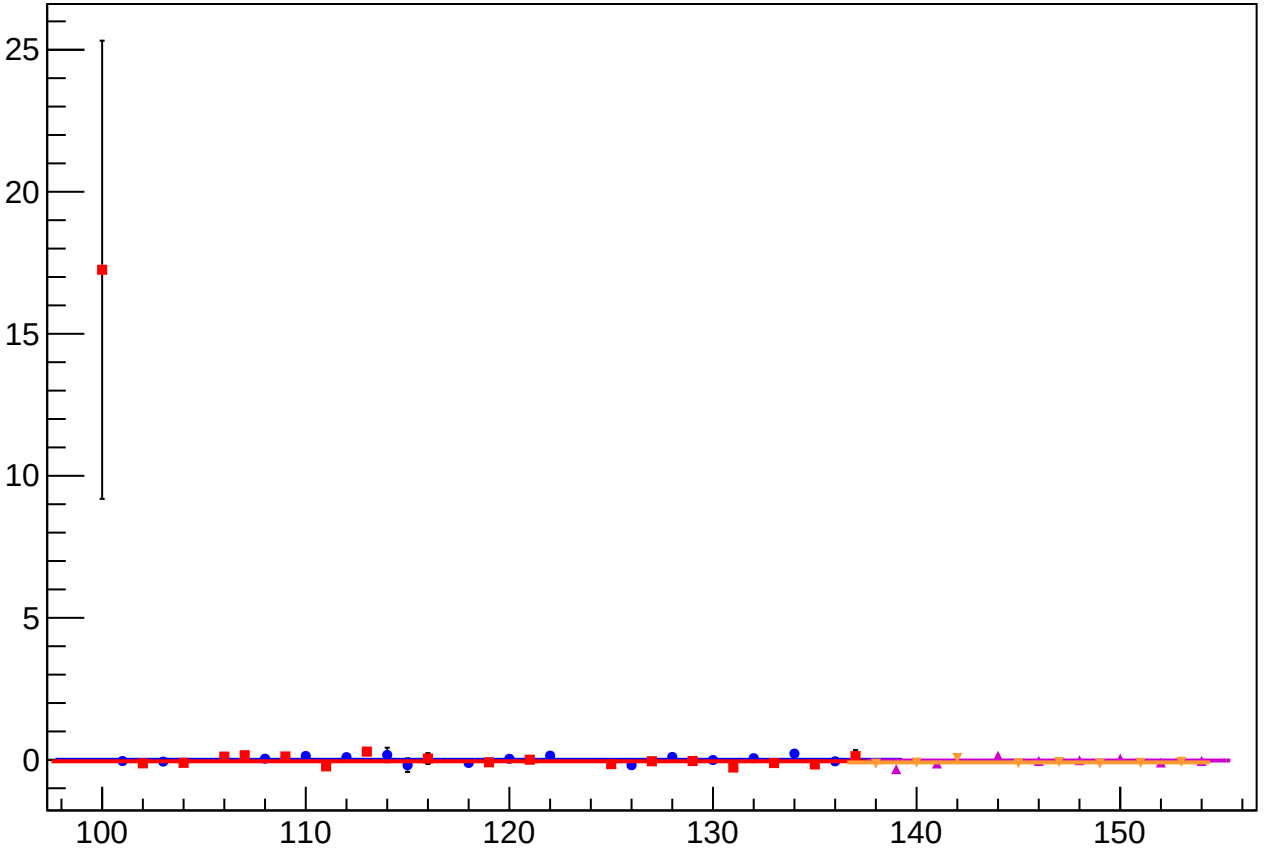
Left In: -0.039+/-0.037 χ^2/NDF:2.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.067+/-0.027 χ^2/NDF: 11.8/15

- 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: -0.090+/-0.026 χ^2/NDF:3.2/7

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

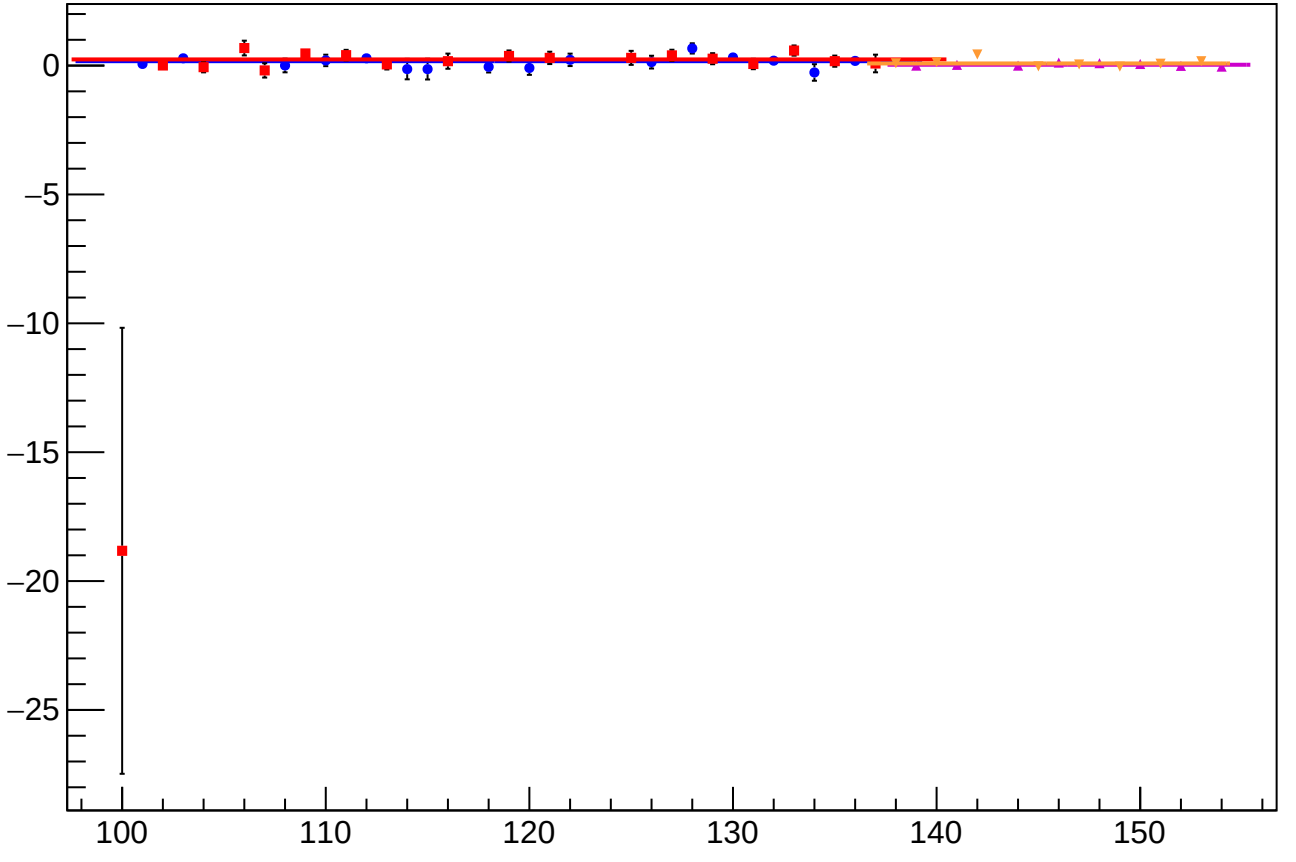
Left In: -0.023+/-0.026 χ^2/NDF:11.9/7

+ sign -0.048+/-0.019 χ^2/NDF: 21.4/23

All: -0.042+/-0.014 χ^2/NDF: 59.9/49

- sign -0.035+/-0.019 χ^2/NDF: 38.2/25

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.083+/-0.038 χ^2/NDF:7.7/7

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

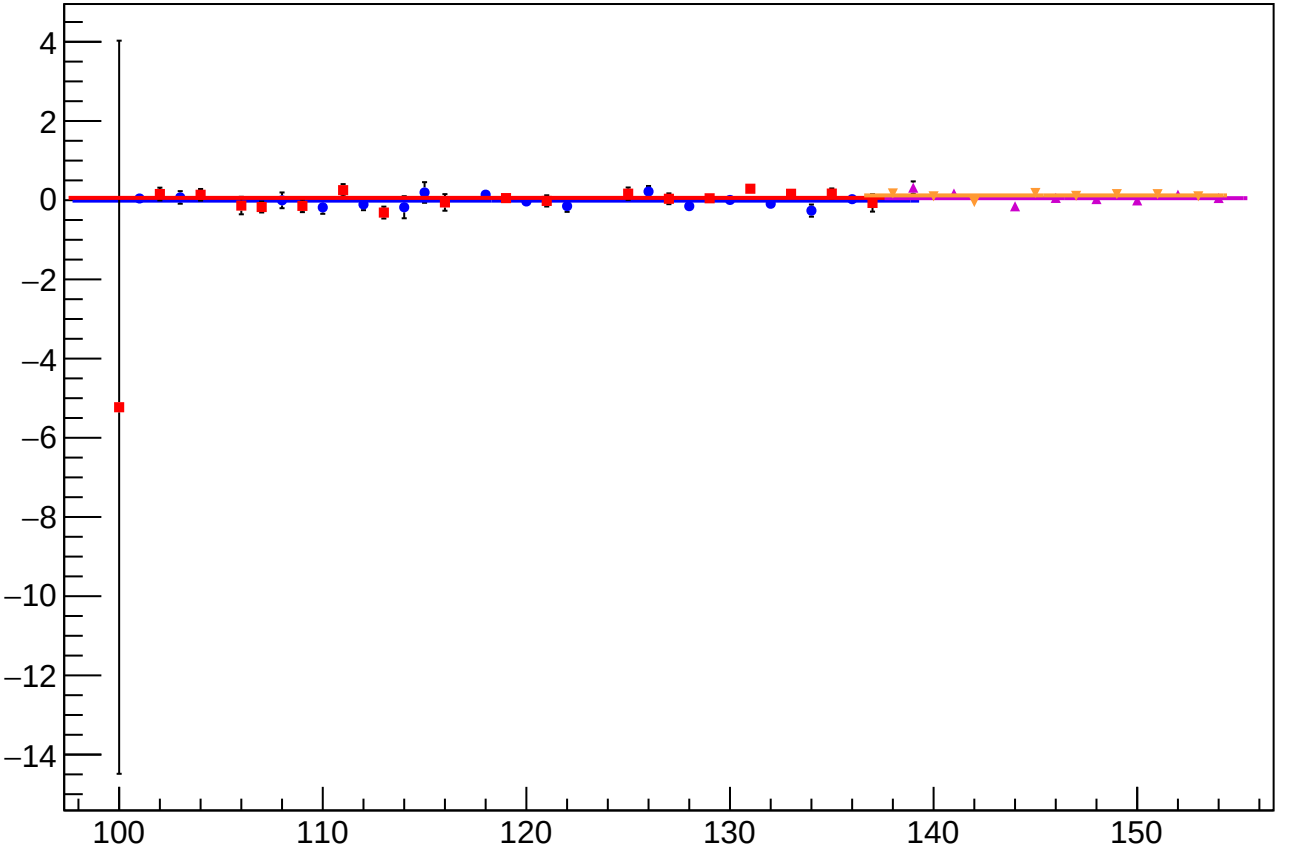
Left In: 0.032+/-0.036 χ^2/NDF:2.1/7

+ sign 0.113+/-0.031 χ^2/NDF: 23.2/23

All: 0.105+/-0.022 χ^2/NDF: 57.4/49

- sign 0.097+/-0.030 χ^2/NDF: 34.0/25

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.121+/-0.032 χ^2/NDF:3.0/7

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

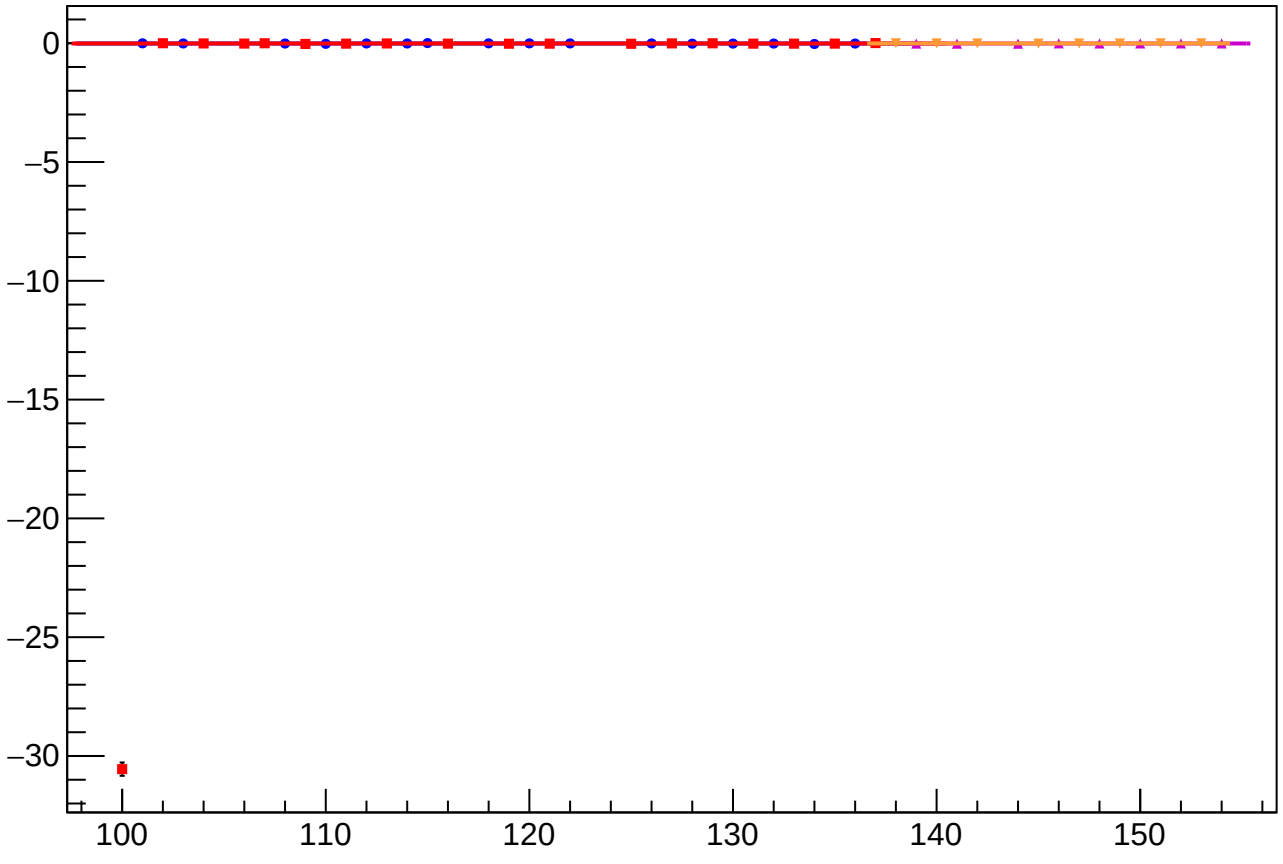
Left In: 0.051+/-0.031 χ^2/NDF:11.2/7

+ sign 0.056+/-0.023 χ^2/NDF: 25.1/23

All: 0.055+/-0.016 χ^2/NDF: 56.9/49

- sign 0.054+/-0.023 χ^2/NDF: 31.8/25

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.009+/-0.002 χ^2/NDF:8.1/7

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

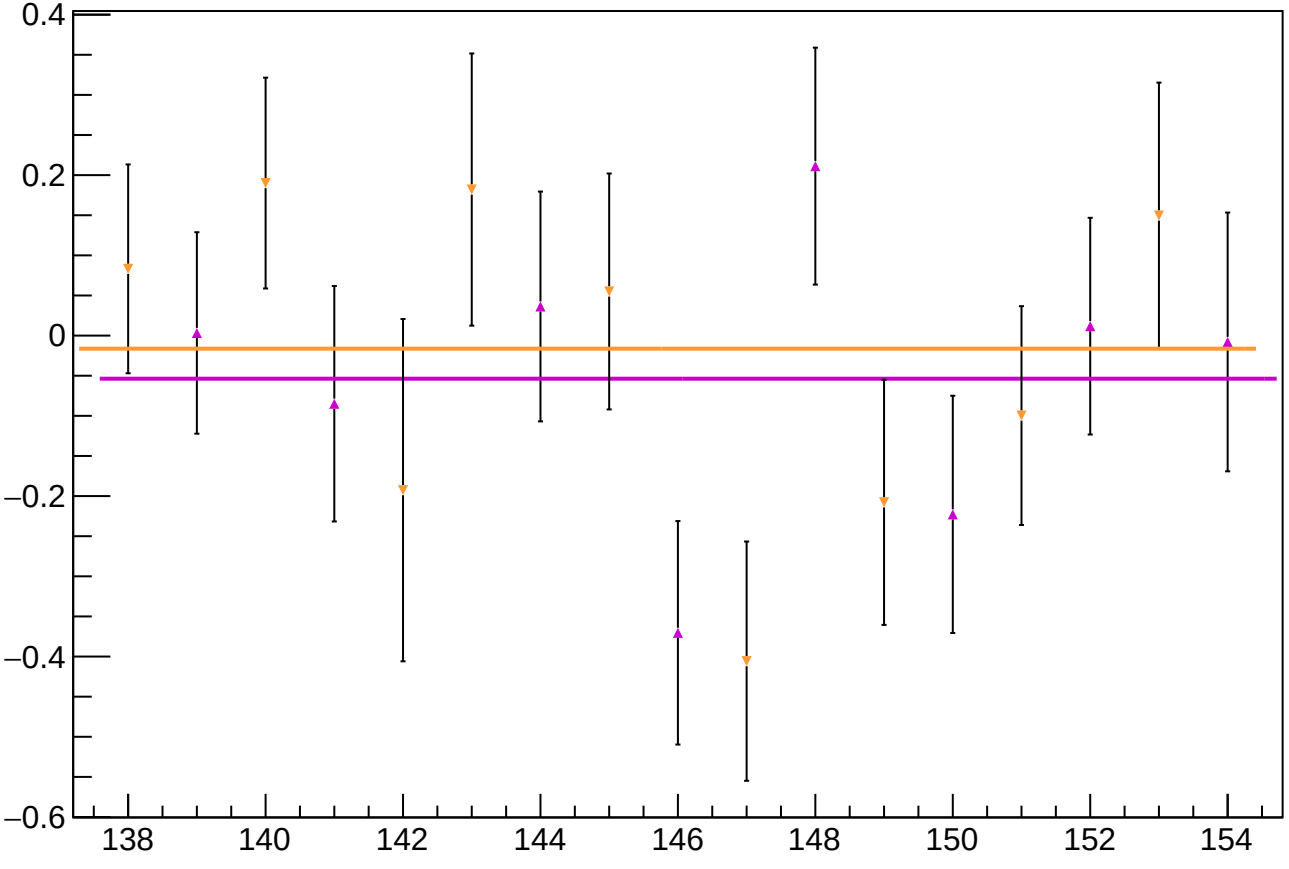
Left In: -0.012+/-0.001 χ^2/NDF:8.6/7

+ sign -0.010+/-0.001 χ^2/NDF: 22.9/23

All: -0.011+/-0.001 χ^2/NDF: 11924.5/49

- sign -0.012+/-0.001 χ^2/NDF: 11900.1/25

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.016+/-0.050 χ^2/NDF:15.1/8

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

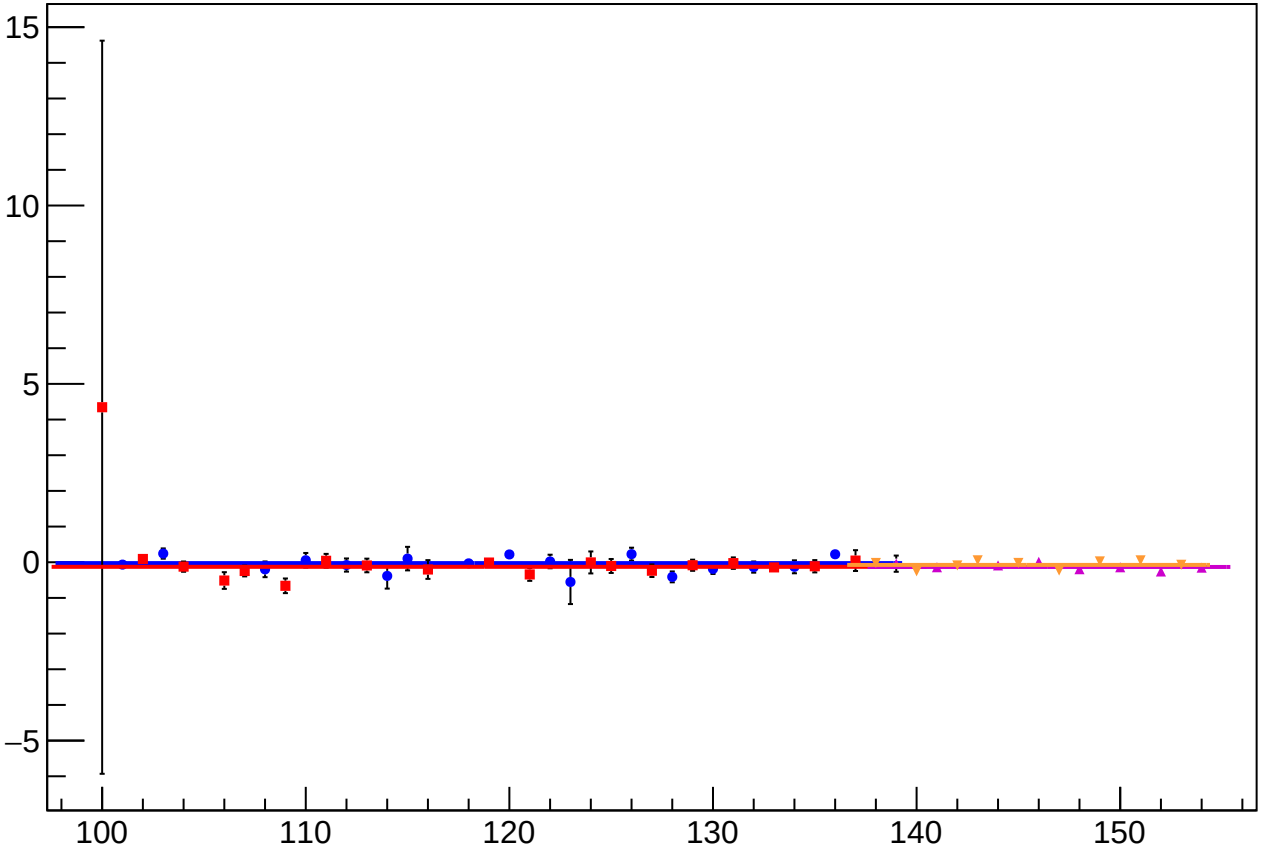
Left In: -0.054+/-0.050 χ^2/NDF:10.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.035+/-0.036 χ^2/NDF: 26.0/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.075+/-0.034 χ^2/NDF:13.0/8

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

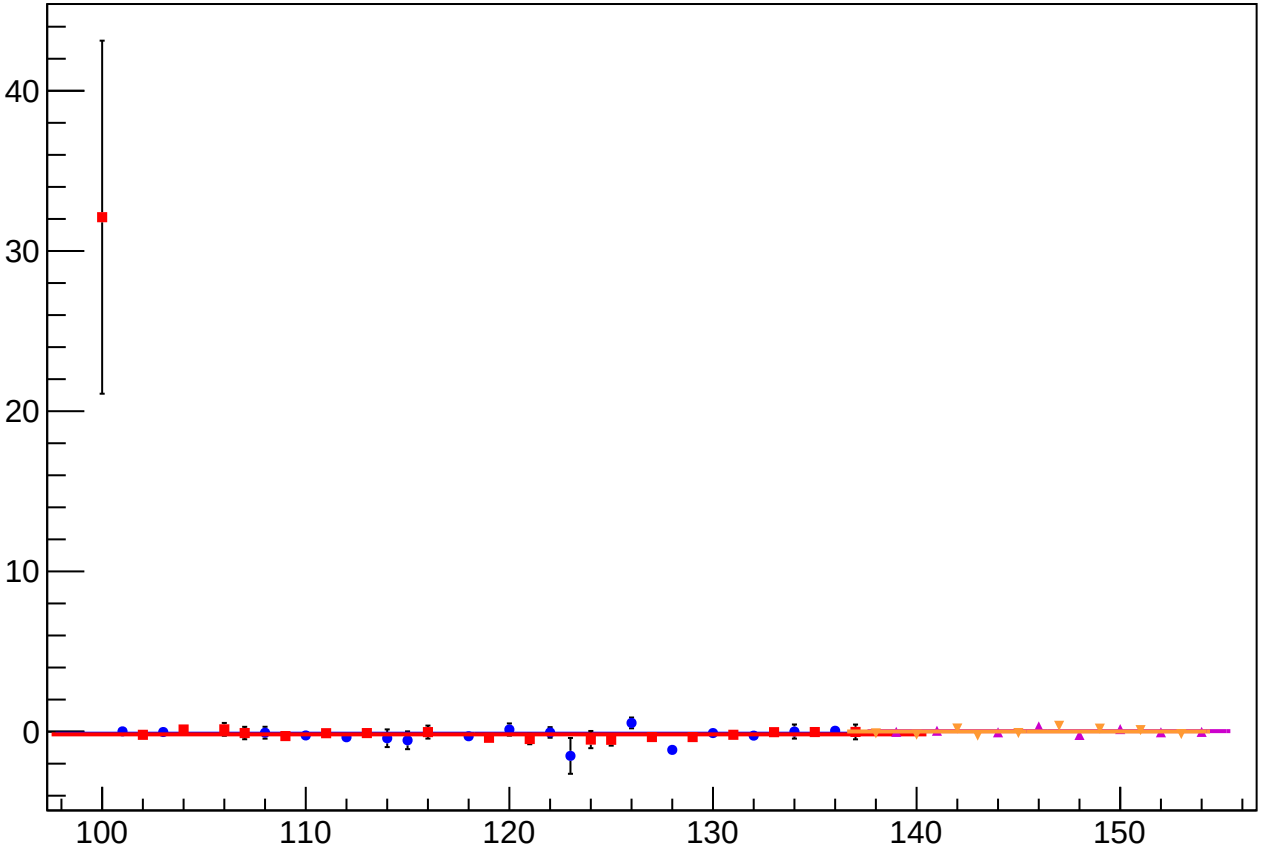
Left In: -0.132+/-0.035 χ^2/NDF:5.7/7

+ sign -0.052+/-0.025 χ^2/NDF: 37.4/25

All: -0.089+/-0.018 χ^2/NDF: 65.5/52

- sign -0.131+/-0.026 χ^2/NDF: 23.4/26

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.009+/-0.050 χ^2/NDF:15.4/8

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

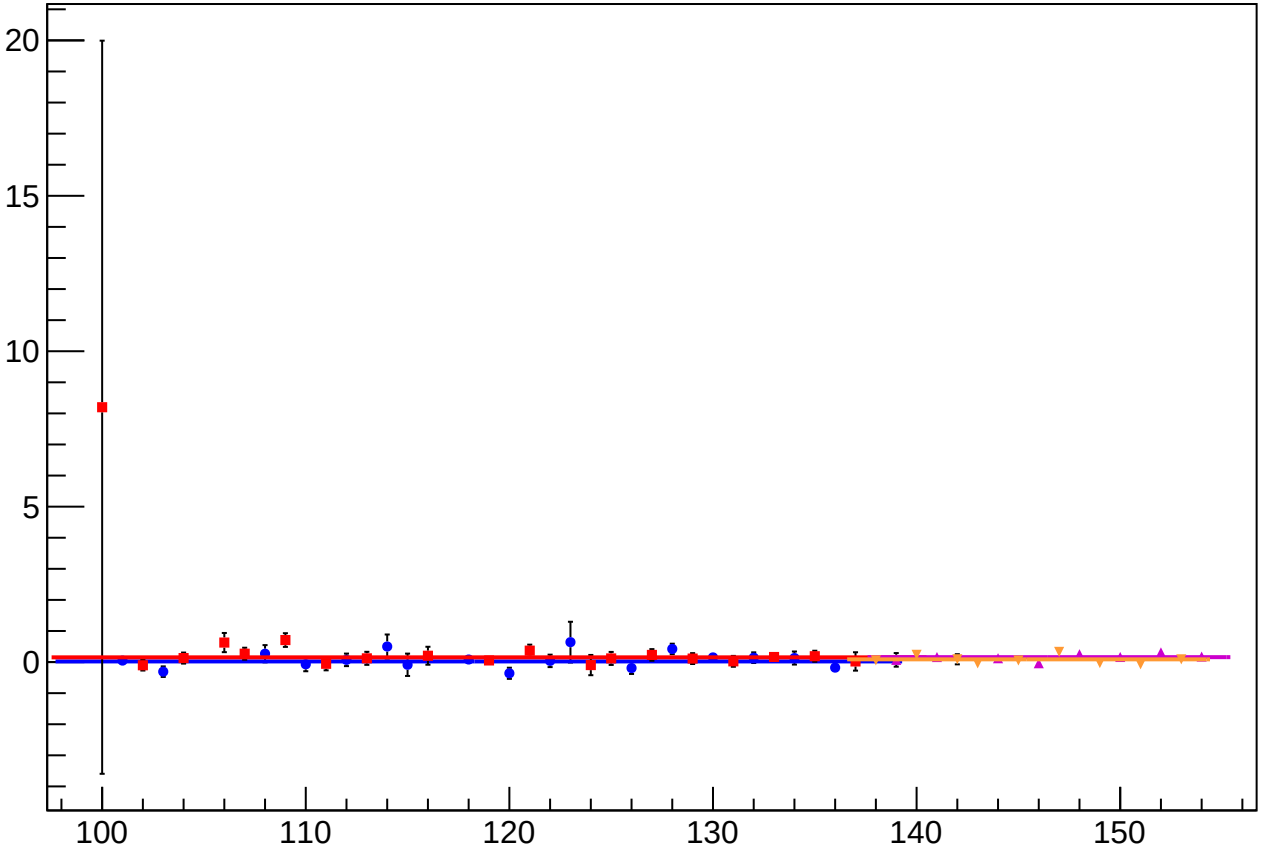
Left In: 0.030+/-0.050 χ^2/NDF:9.4/7

+ sign -0.041+/-0.040 χ^2/NDF: 41.9/25

All: -0.039+/-0.029 χ^2/NDF: 71.8/52

- sign -0.036+/-0.041 χ^2/NDF: 29.9/26

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.088+/-0.042 χ^2/NDF:11.8/8

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

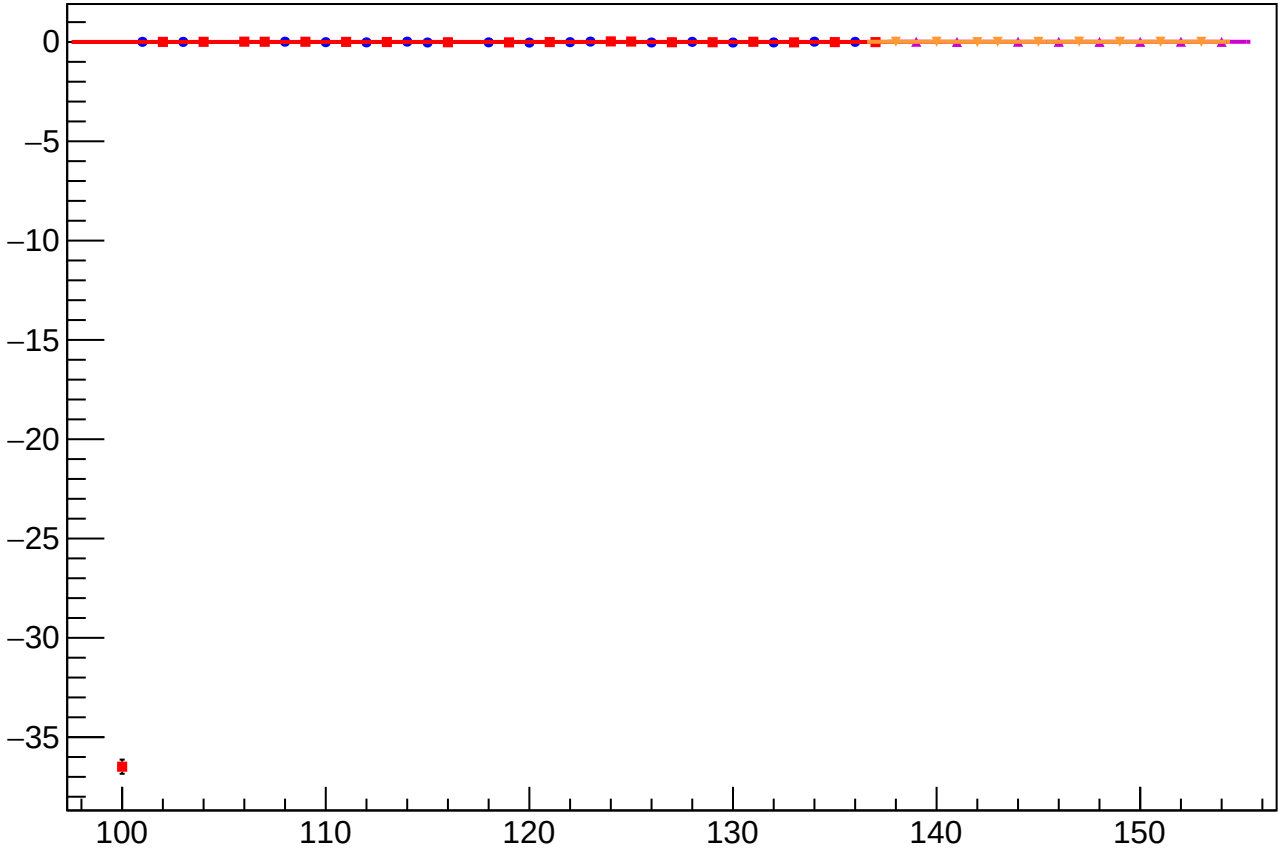
Left In: 0.158+/-0.043 χ^2/NDF:6.2/7

+ sign 0.055+/-0.030 χ^2/NDF: 35.6/25

All: 0.103+/-0.022 χ^2/NDF: 63.6/52

- sign 0.155+/-0.031 χ^2/NDF: 22.5/26

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.010+/-0.002 χ^2/NDF:4.6/8

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

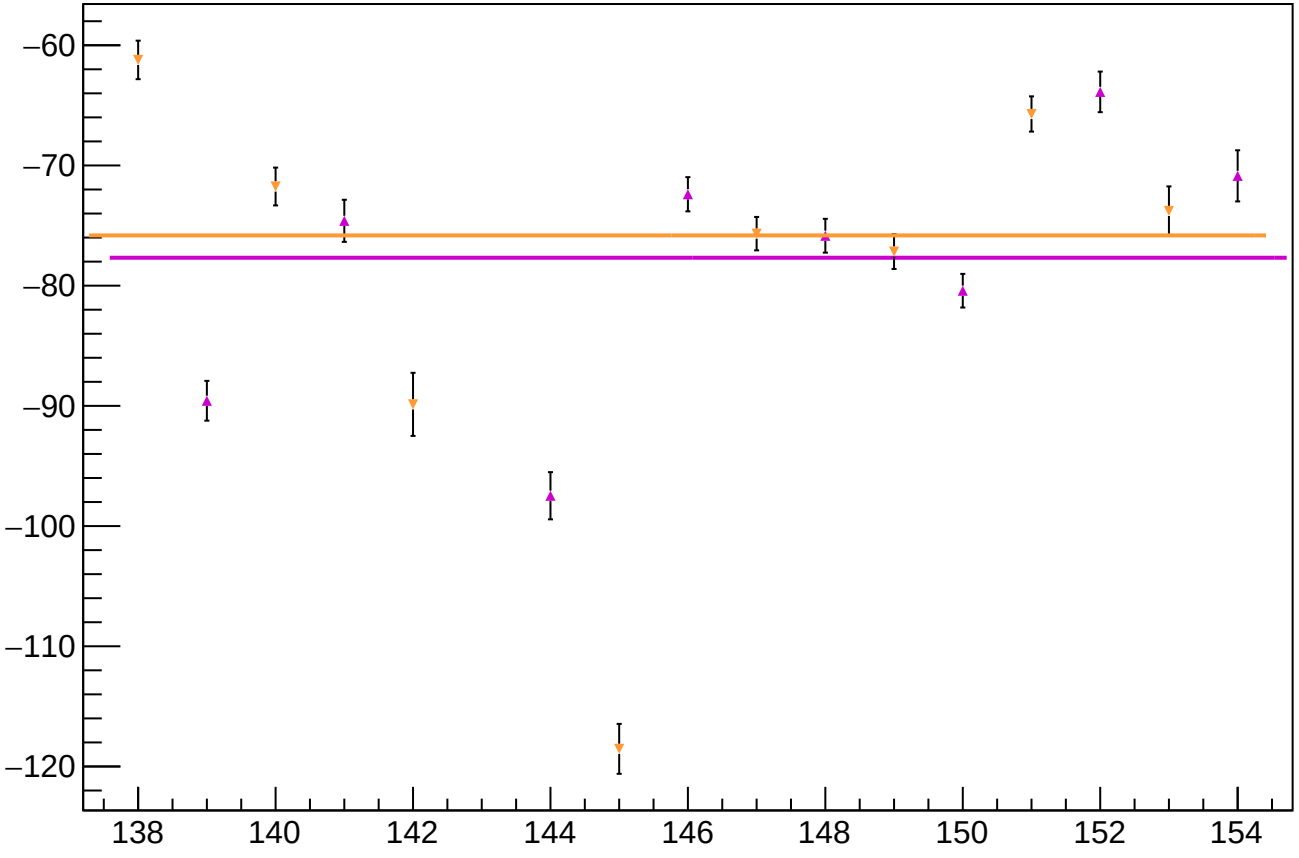
Left In: 0.010+/-0.002 χ^2/NDF:3.2/7

+ sign 0.006+/-0.002 χ^2/NDF: 45.4/25

All: 0.006+/-0.001 χ^2/NDF: 10507.1/52

- sign 0.006+/-0.002 χ^2/NDF: 10461.7/26

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -75.818+/-0.590 χ^2/NDF:591.3/7

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

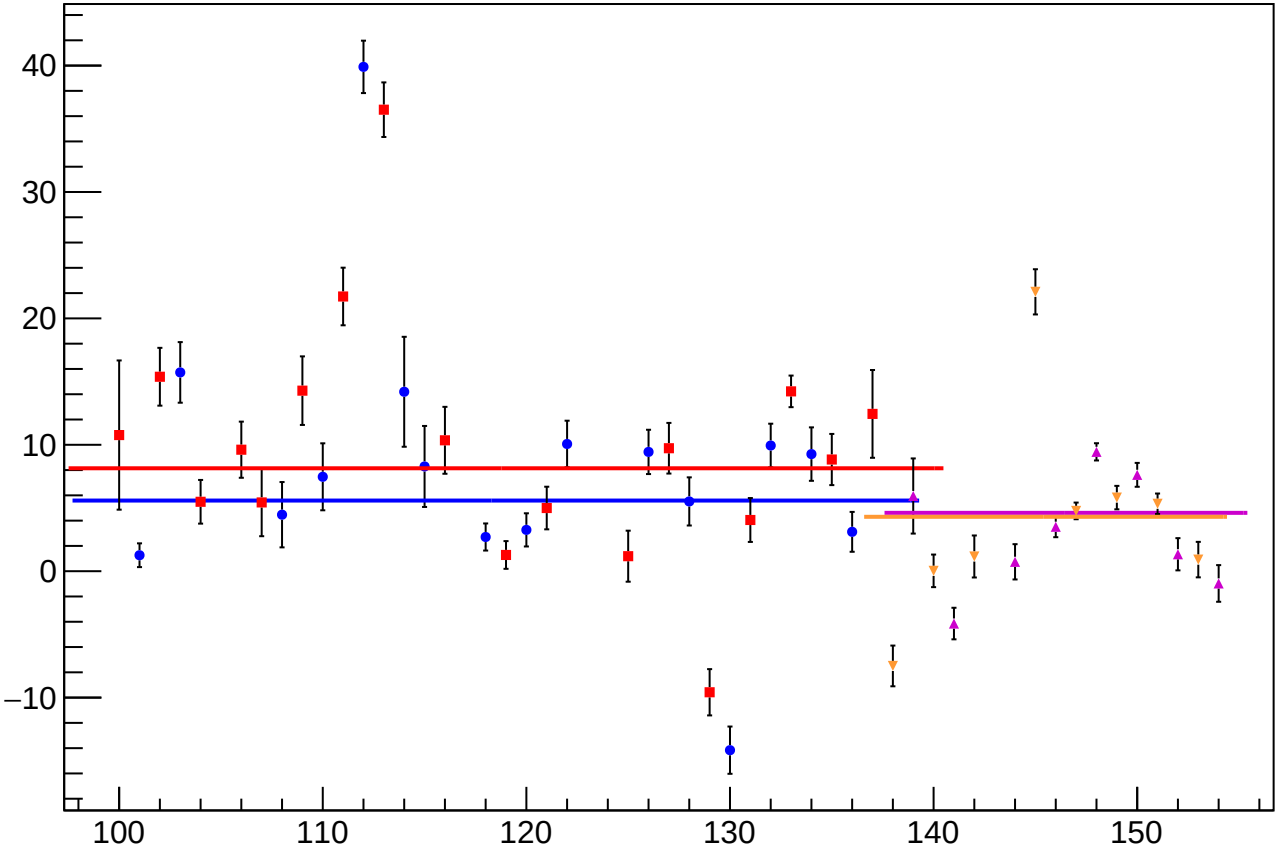
Left In: -77.677+/-0.574 χ^2/NDF:252.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -76.773+/-0.412 χ^2/NDF: 849.2/15

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589+/-0.424 χ^2/NDF: 462.8/15

Left Out: 4.303+/-0.374 χ^2/NDF:177.9/7

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

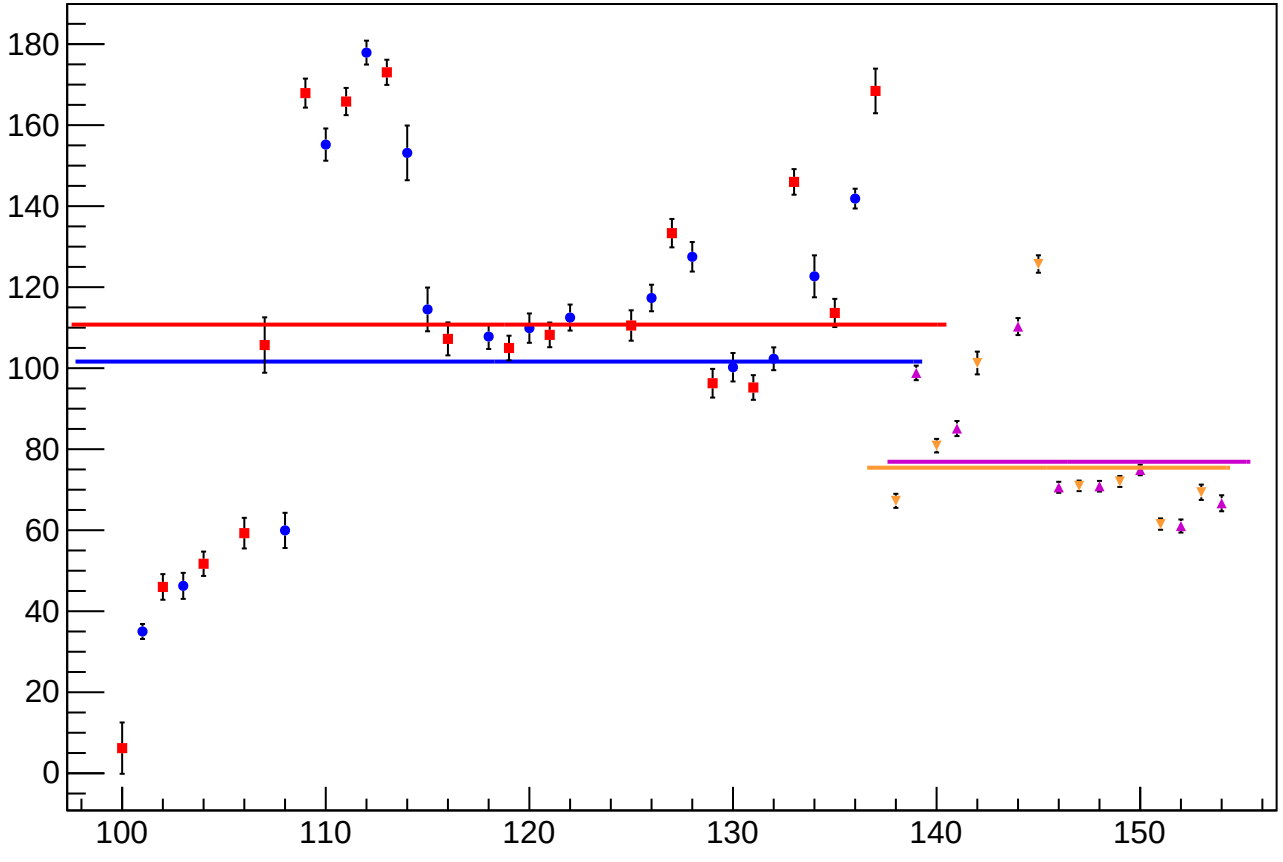
Left In: 4.616+/-0.375 χ^2/NDF:140.5/7

+ sign 4.866+/-0.280 χ^2/NDF: 645.8/23

All: 5.439+/-0.201 χ^2/NDF: 1238.6/49

- sign 6.049+/-0.289 χ^2/NDF: 584.1/25

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 75.433+/-0.581 χ^2/NDF:789.7/7

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

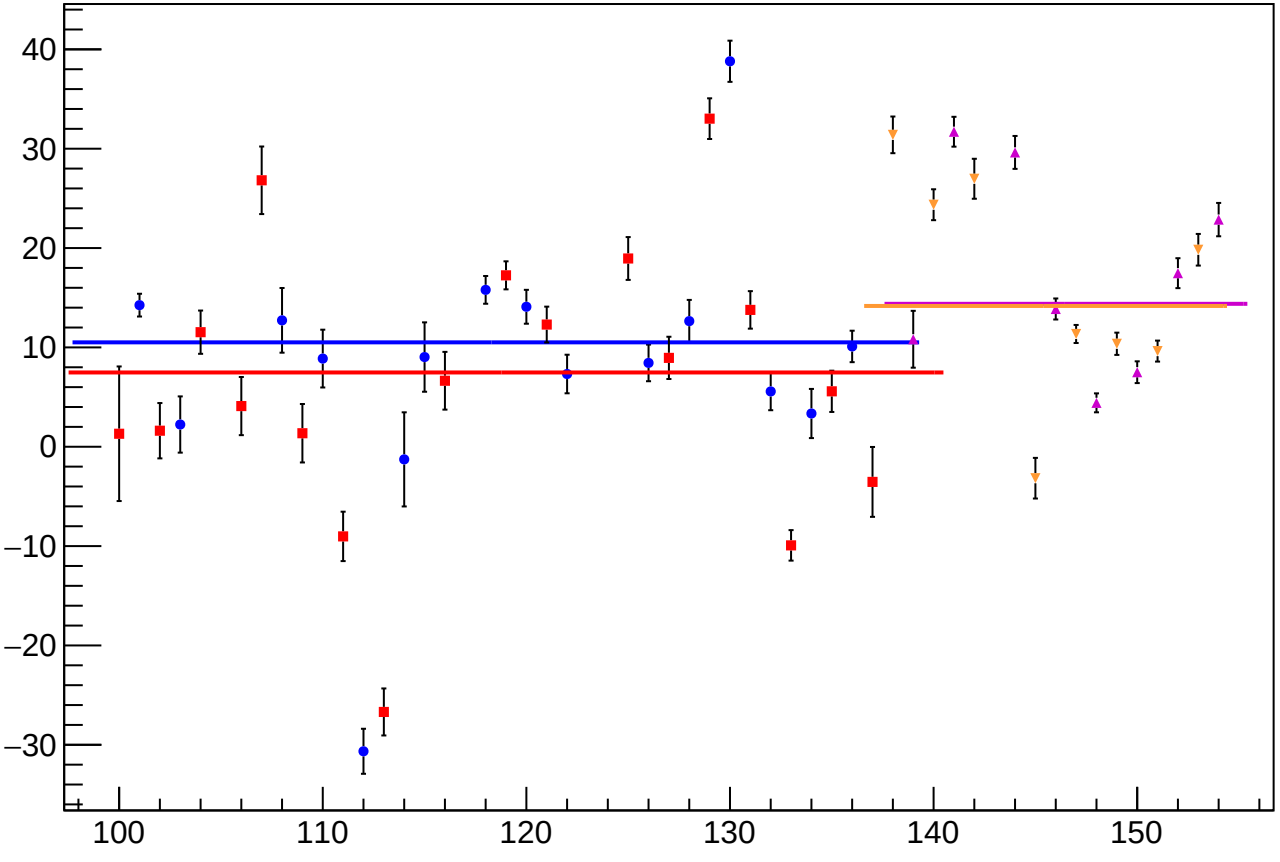
Left In: 76.901+/-0.562 χ^2/NDF:589.7/7

+ sign 84.381+/-0.472 χ^2/NDF: 4462.6/23

All: 85.926+/-0.332 χ^2/NDF: 8715.5/49

- sign 87.438+/-0.467 χ^2/NDF: 4231.7/25

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 14.172+/-0.472 χ^2/NDF:294.6/7

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

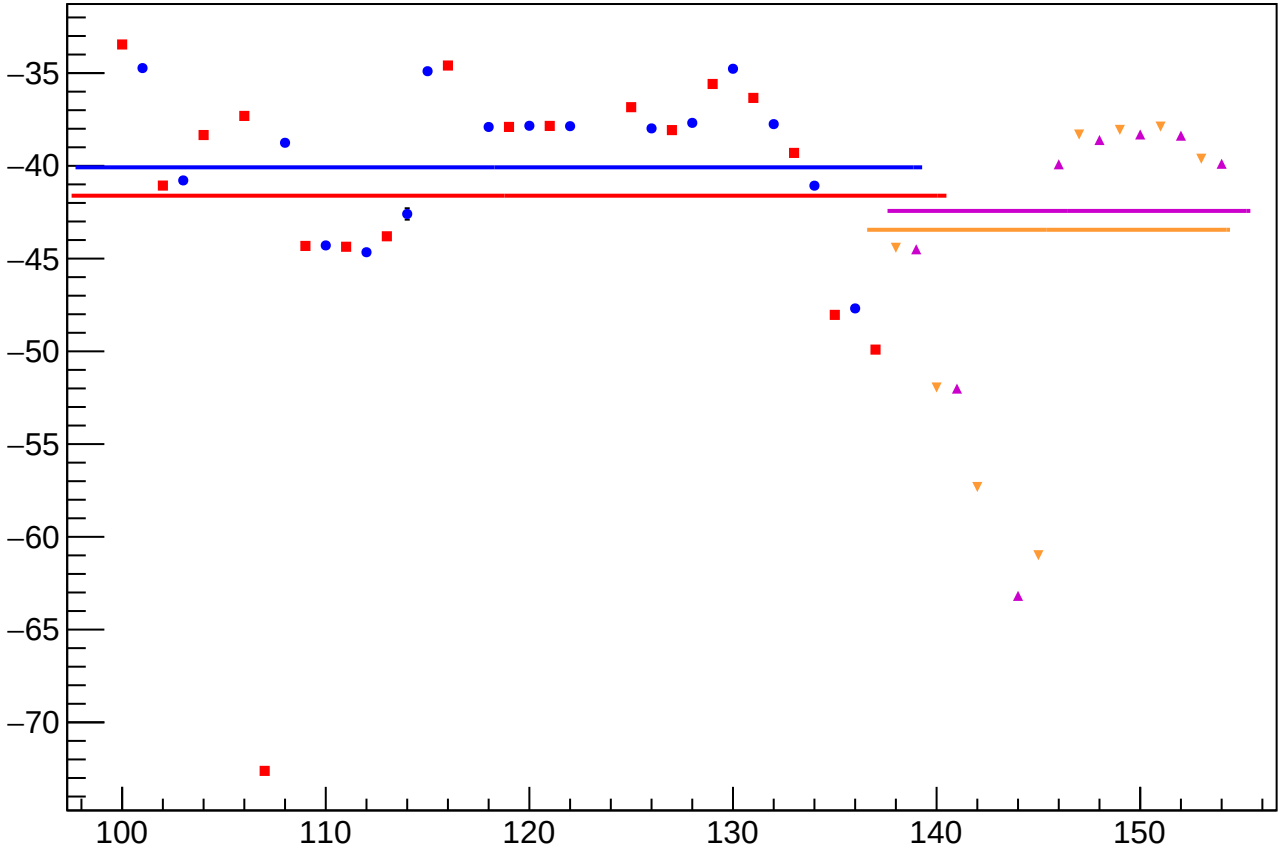
Left In: 14.387+/-0.469 χ^2/NDF:397.8/7

+ sign 12.416+/-0.341 χ^2/NDF: 905.0/23

All: 11.880+/-0.244 χ^2/NDF: 2093.8/49

- sign 11.316+/-0.349 χ^2/NDF: 1183.7/25

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -43.447+/-0.025 χ^2/NDF:98086.6/7

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

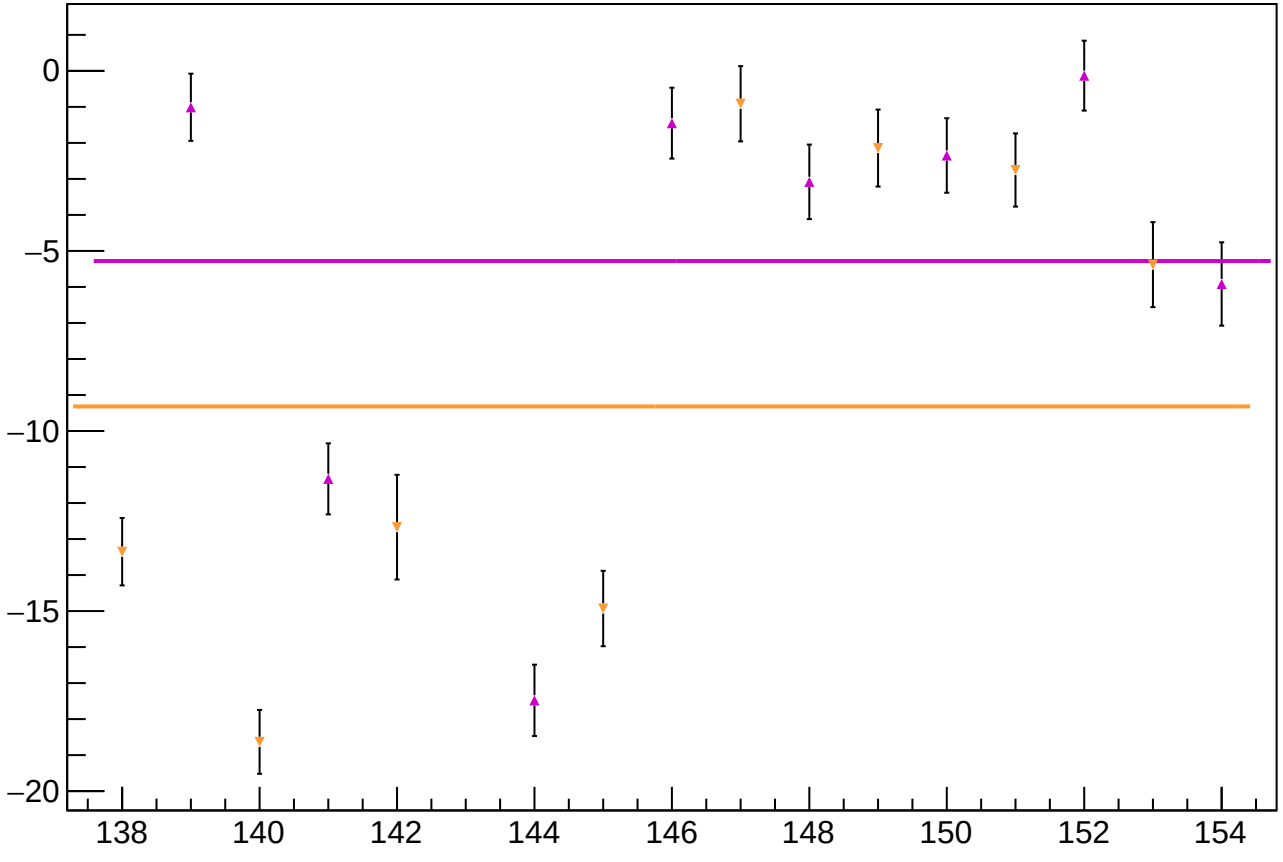
Left In: -42.430+/-0.023 χ^2/NDF:84935.1/7

+ sign -41.996+/-0.019 χ^2/NDF: 131326.2/23

All: -42.053+/-0.013 χ^2/NDF: 278563.7/49

- sign -42.106+/-0.018 χ^2/NDF: 147219.2/25

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -9.318+/-0.371 χ^2/NDF:325.6/7

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

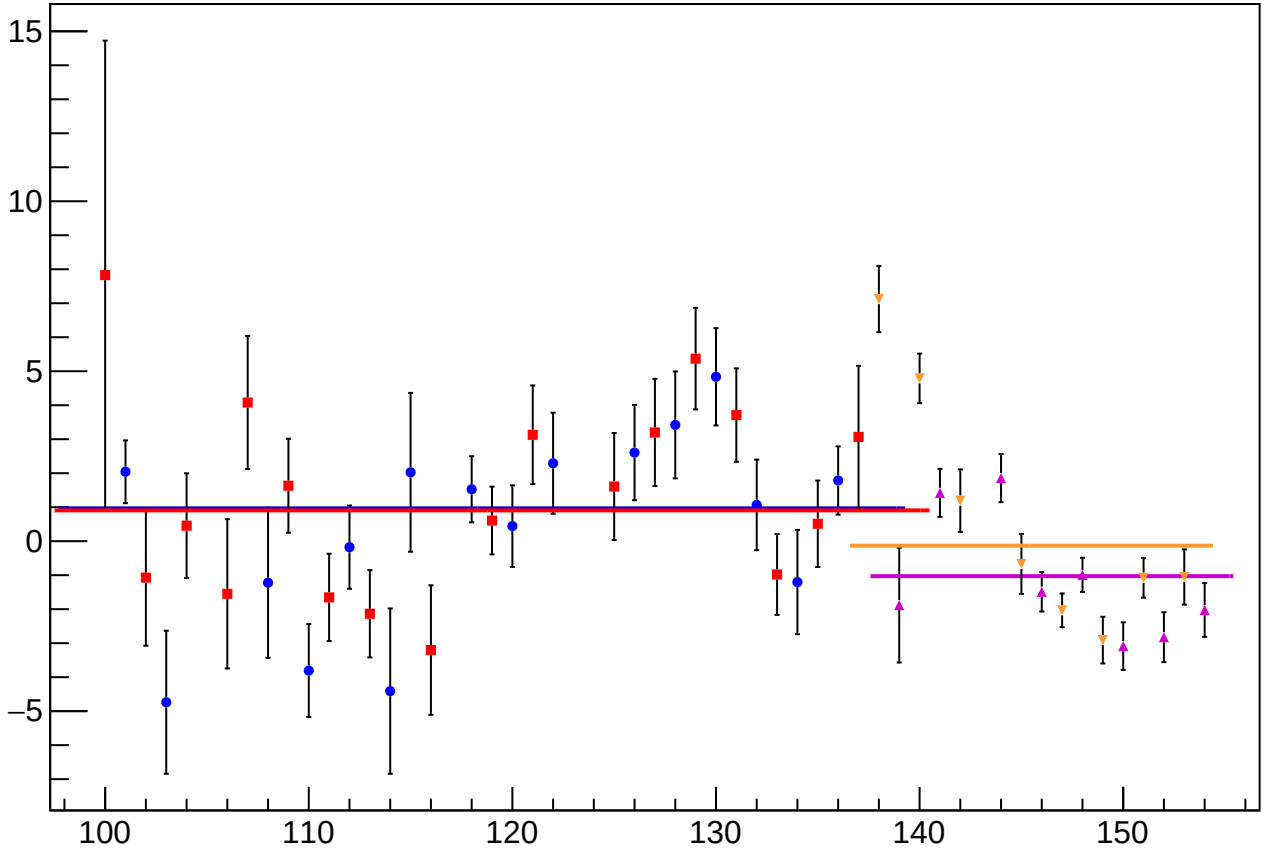
Left In: -5.280+/-0.356 χ^2/NDF:266.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.216+/-0.257 χ^2/NDF: 653.5/15

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965+/-0.338 χ^2/NDF: 42.9/15

Left Out: -0.132+/-0.250 χ^2/NDF:138.4/7

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

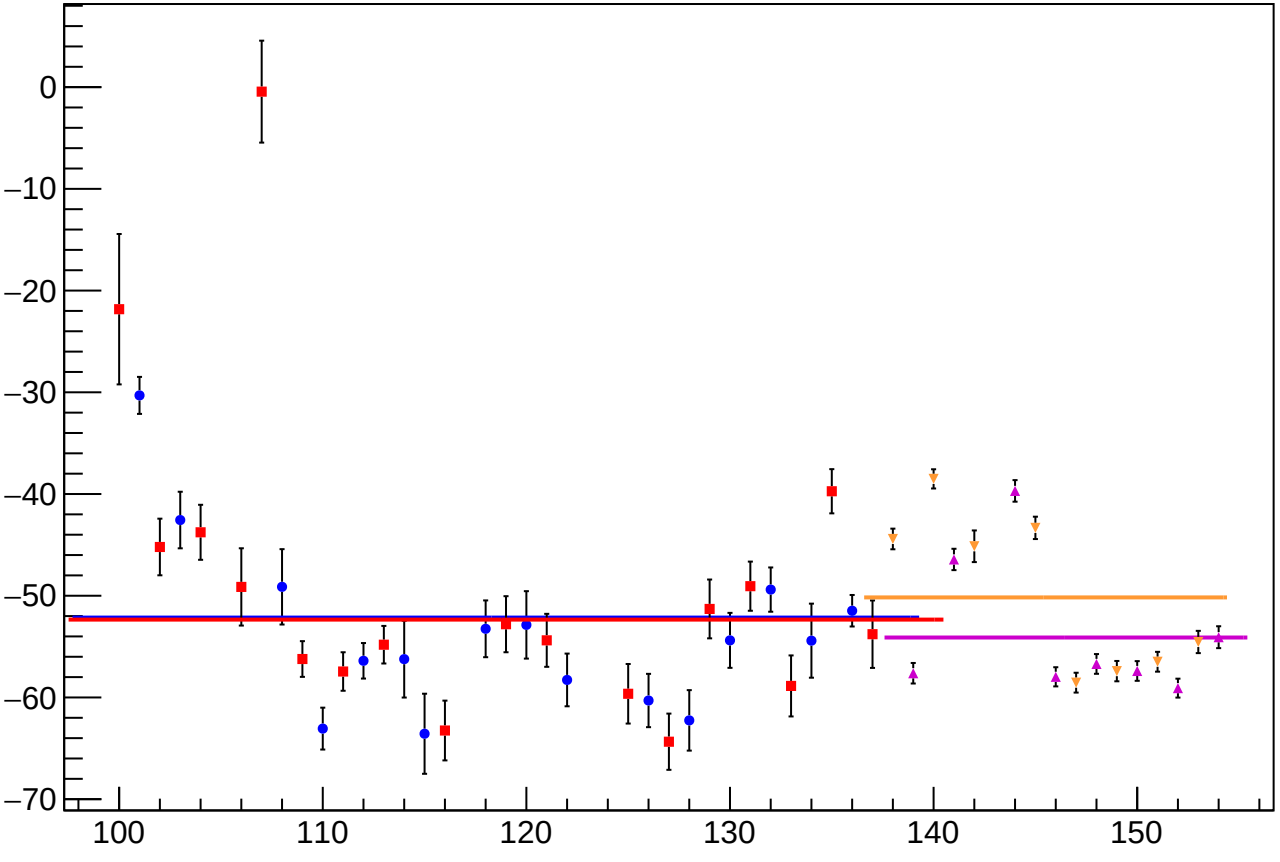
Left In: -1.028+/-0.244 χ^2/NDF:45.8/7

+ sign 0.255+/-0.201 χ^2/NDF: 188.2/23

All: -0.074+/-0.142 χ^2/NDF: 301.5/49

- sign -0.404+/-0.201 χ^2/NDF: 108.0/25

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -50.165+/-0.371 χ^2/NDF:418.0/7

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

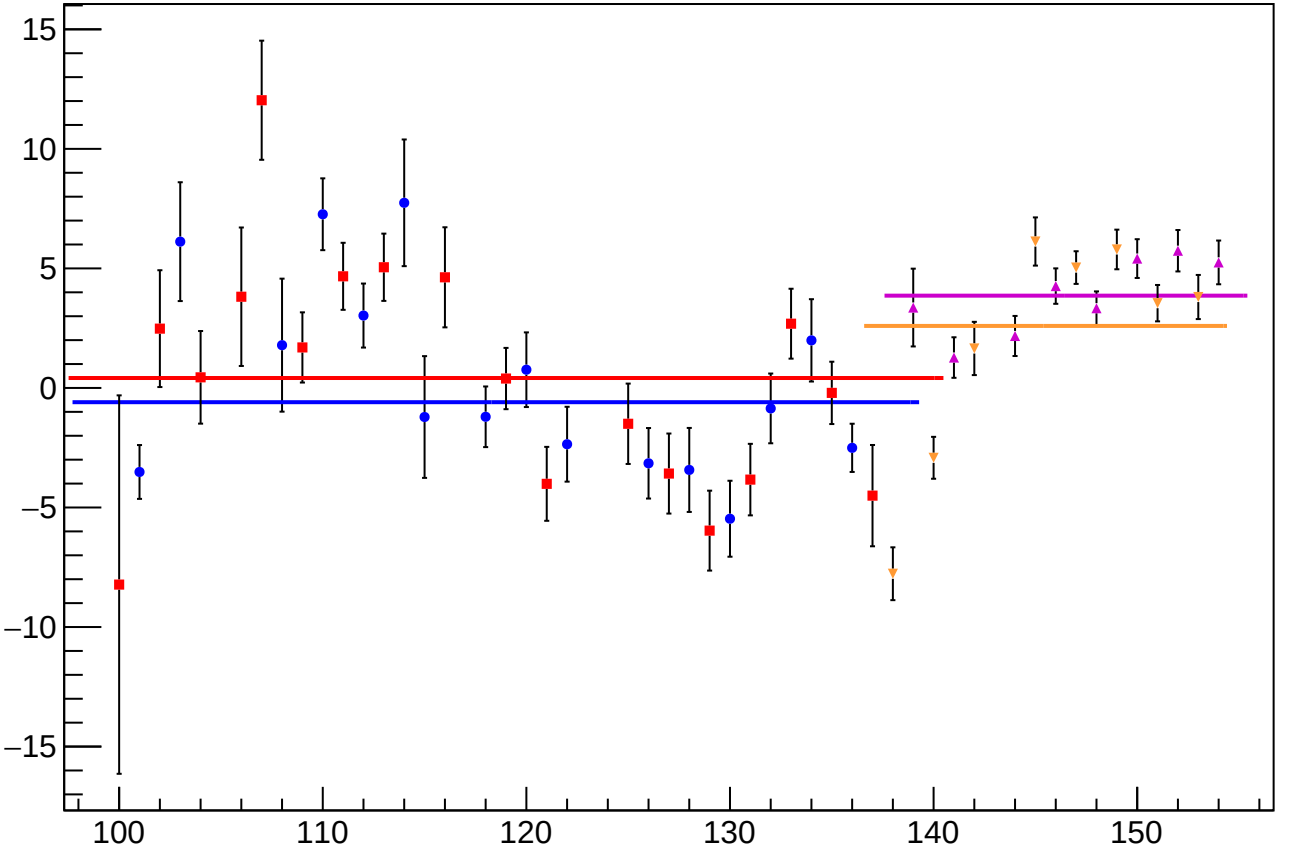
Left In: -54.107+/-0.352 χ^2/NDF:314.6/7

+ sign -50.697+/-0.317 χ^2/NDF: 655.9/23

All: -52.239+/-0.220 χ^2/NDF: 1258.1/49

- sign -53.673+/-0.306 χ^2/NDF: 556.5/25

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: 2.594+/-0.310 χ^2/NDF:171.5/7

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

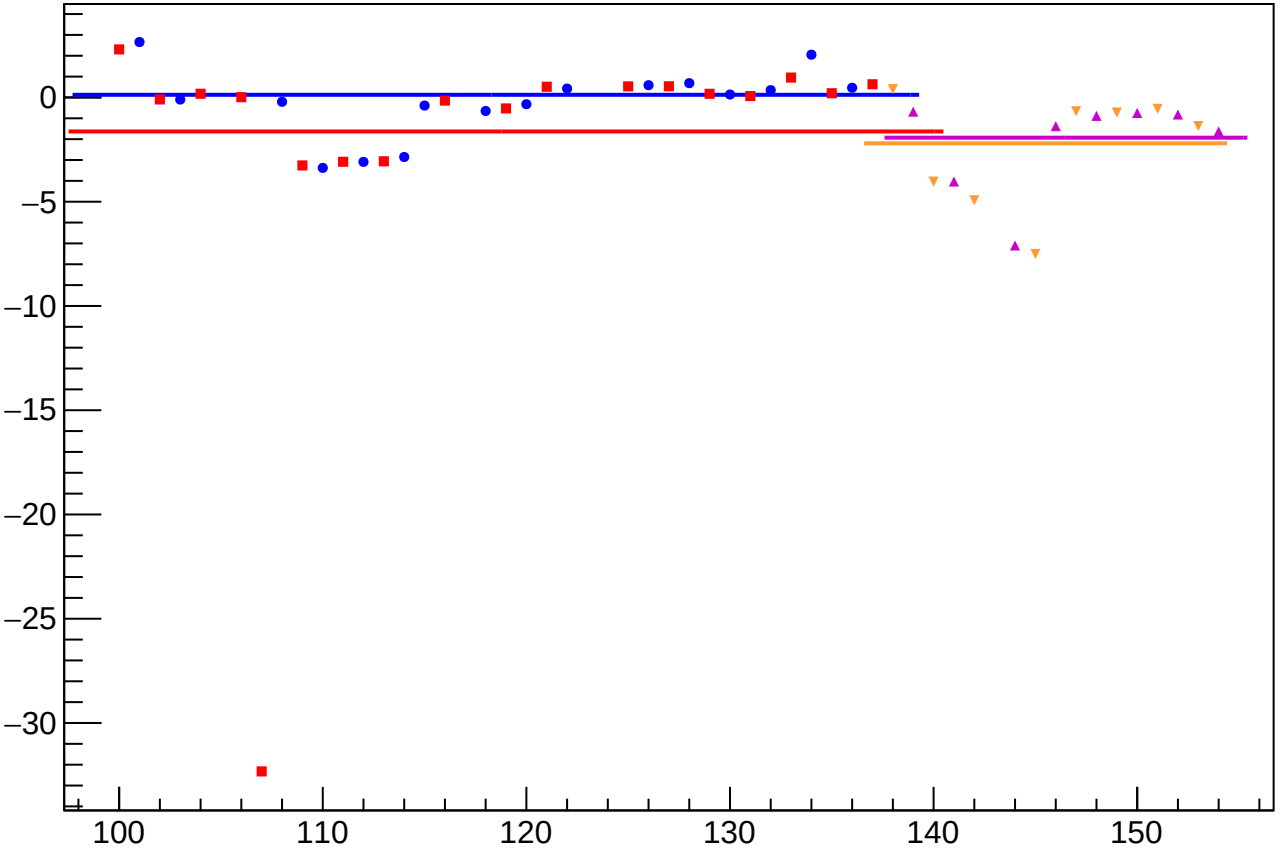
Left In: 3.861+/-0.300 χ^2/NDF:25.0/7

+ sign 1.335+/-0.241 χ^2/NDF: 296.0/23

All: 1.979+/-0.170 χ^2/NDF: 478.4/49

- sign 2.617+/-0.240 χ^2/NDF: 168.2/25

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -2.199+/-0.015 χ^2/NDF:27569.2/7

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

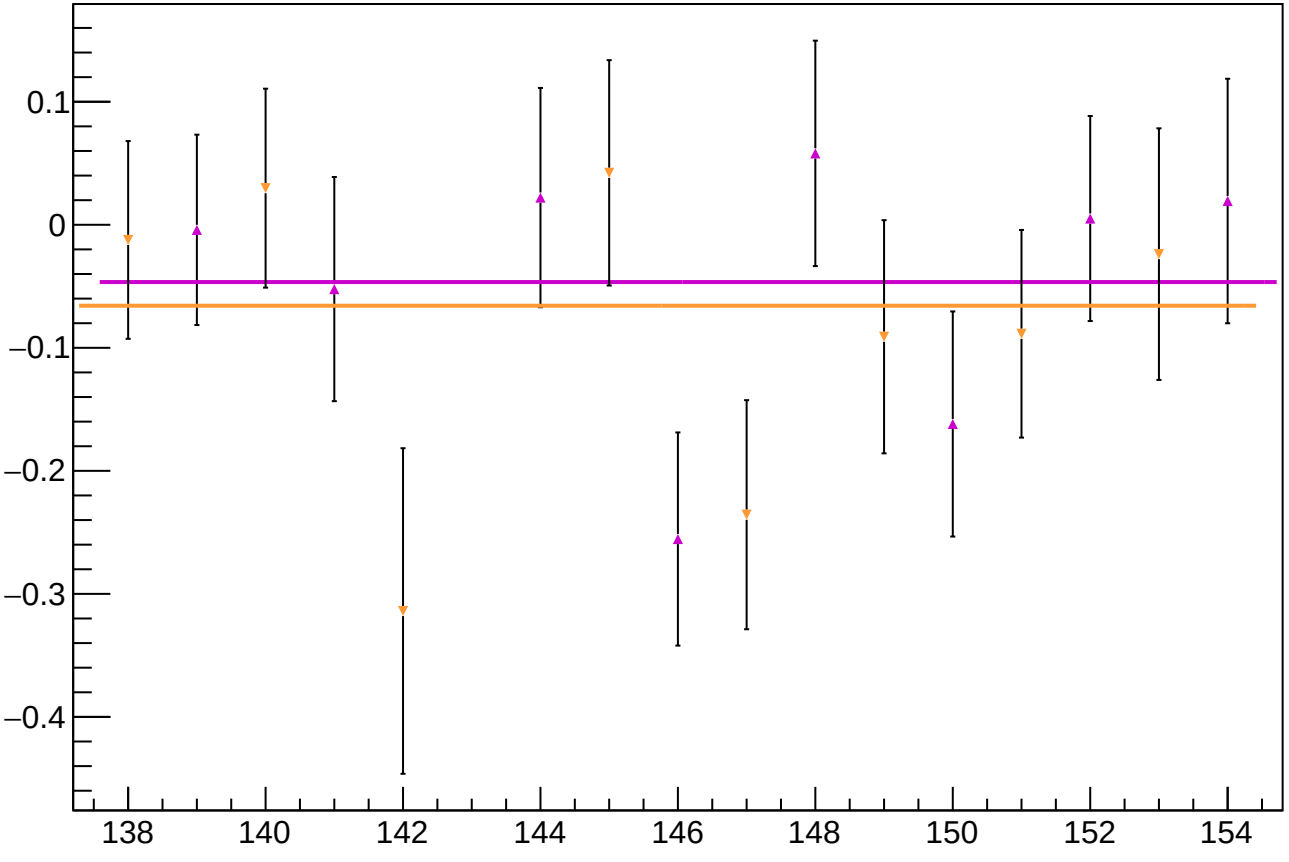
Left In: -1.930+/-0.014 χ^2/NDF:18720.0/7

+ sign -1.414+/-0.012 χ^2/NDF: 40590.6/23

All: -1.637+/-0.009 χ^2/NDF: 137929.3/49

- sign -1.840+/-0.012 χ^2/NDF: 96729.8/25

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.066+/-0.032 χ^2/NDF:10.4/7

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

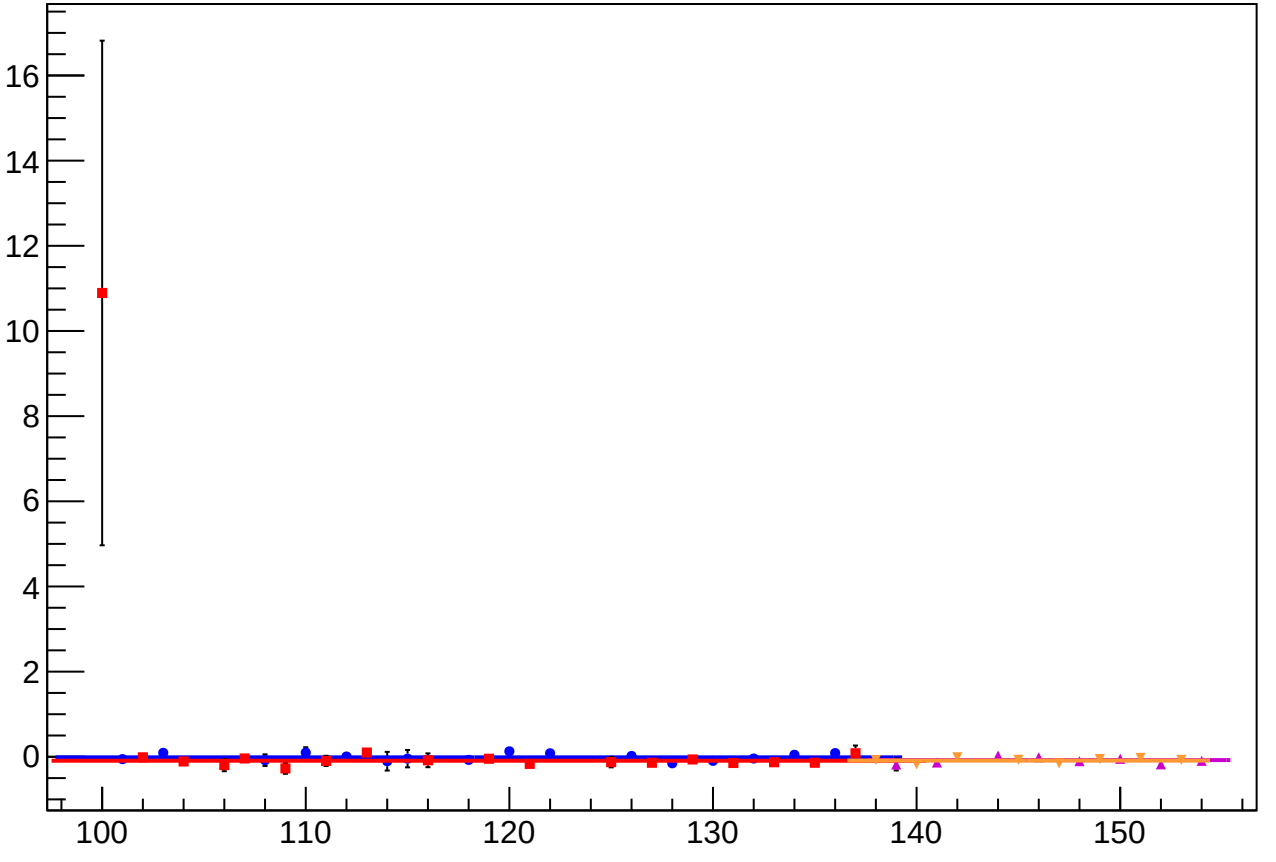
Left In: -0.047+/-0.031 χ^2/NDF:10.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.056+/-0.022 χ^2/NDF: 21.0/15

- 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: -0.088+/-0.022 χ^2/NDF:7.0/7

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

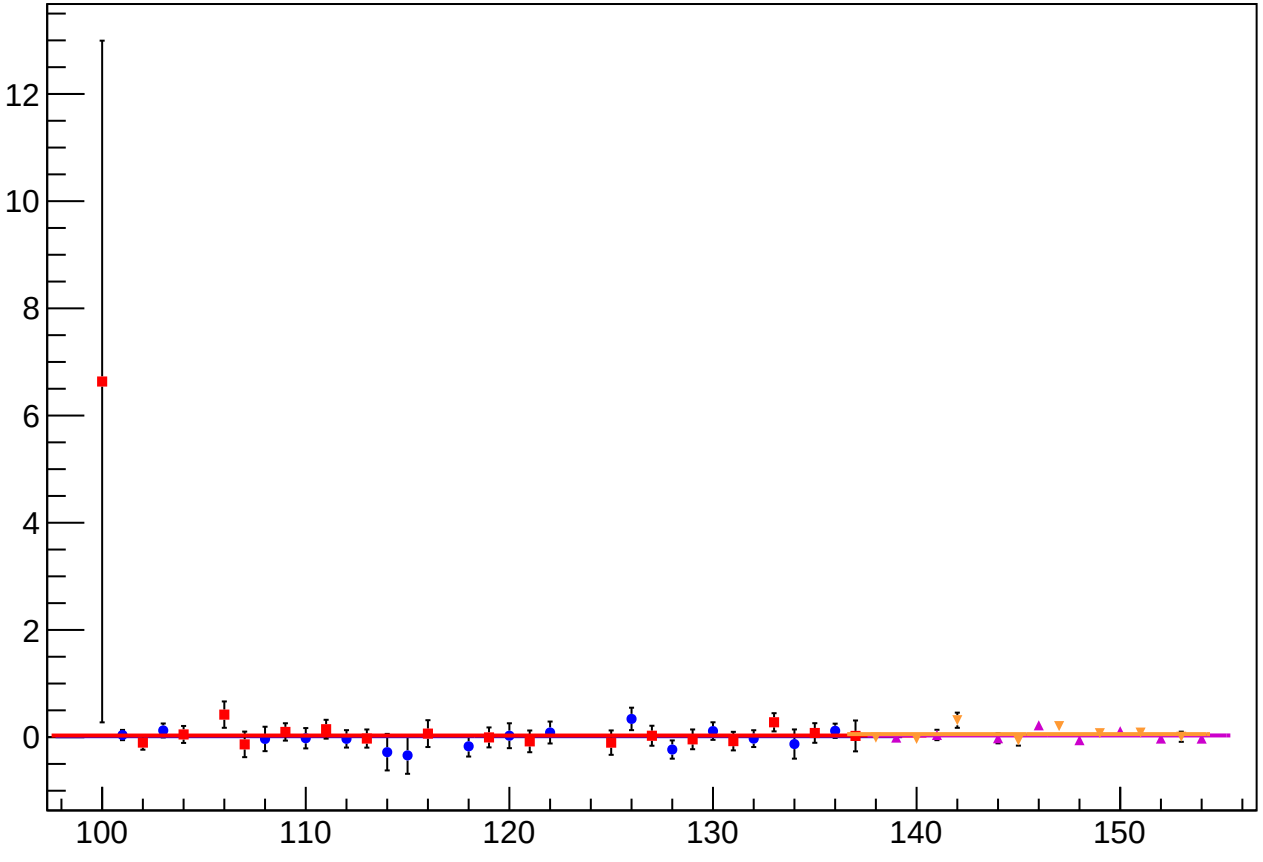
Left In: -0.077+/-0.022 χ^2/NDF:8.8/7

+ sign -0.053+/-0.016 χ^2/NDF: 24.8/23

All: -0.068+/-0.011 χ^2/NDF: 48.3/49

- sign -0.084+/-0.016 χ^2/NDF: 21.7/25

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.056+/-0.032 χ^2/NDF:9.9/7

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

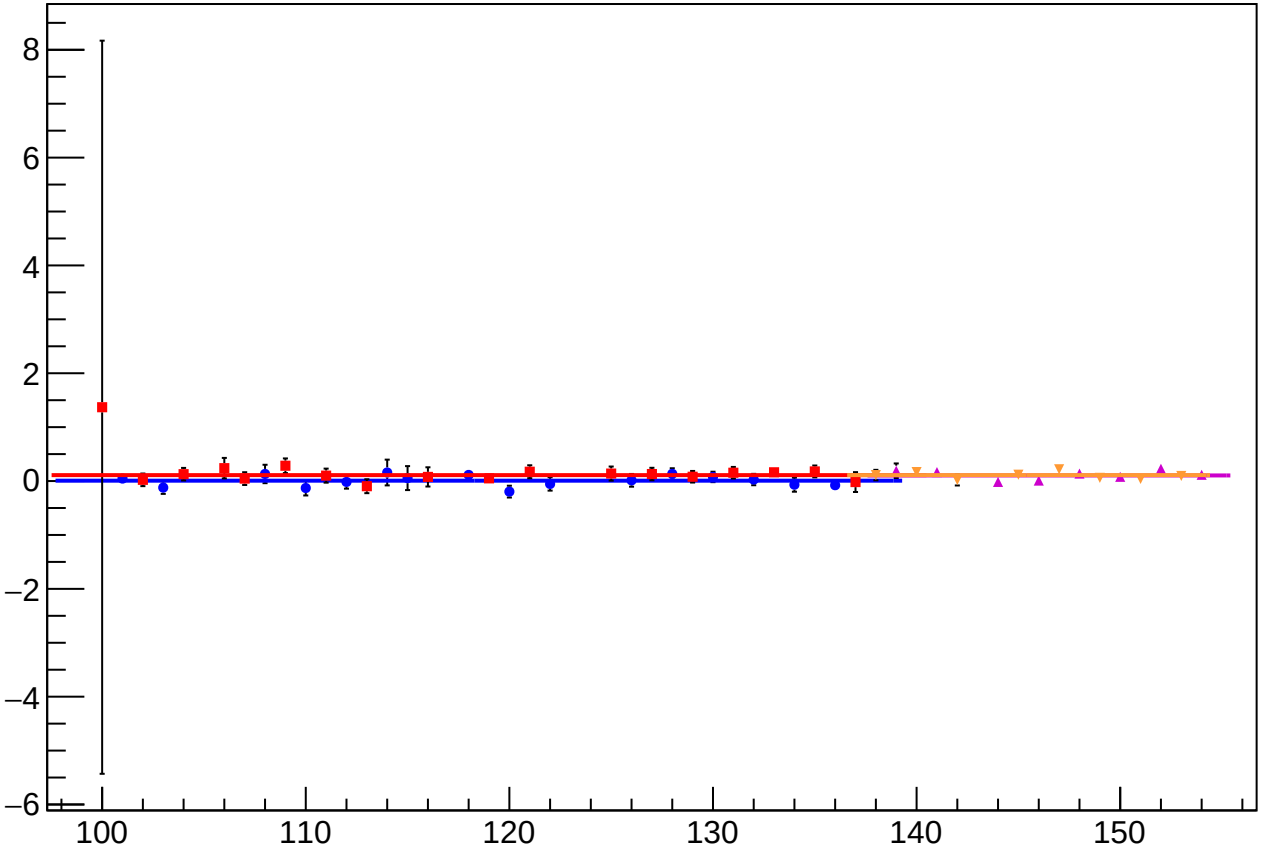
Left In: 0.031+/-0.031 χ^2/NDF:8.6/7

+ sign 0.042+/-0.026 χ^2/NDF: 20.0/23

All: 0.036+/-0.018 χ^2/NDF: 37.9/49

- sign 0.031+/-0.025 χ^2/NDF: 17.8/25

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+/-0.027 χ^2/NDF:6.3/7

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

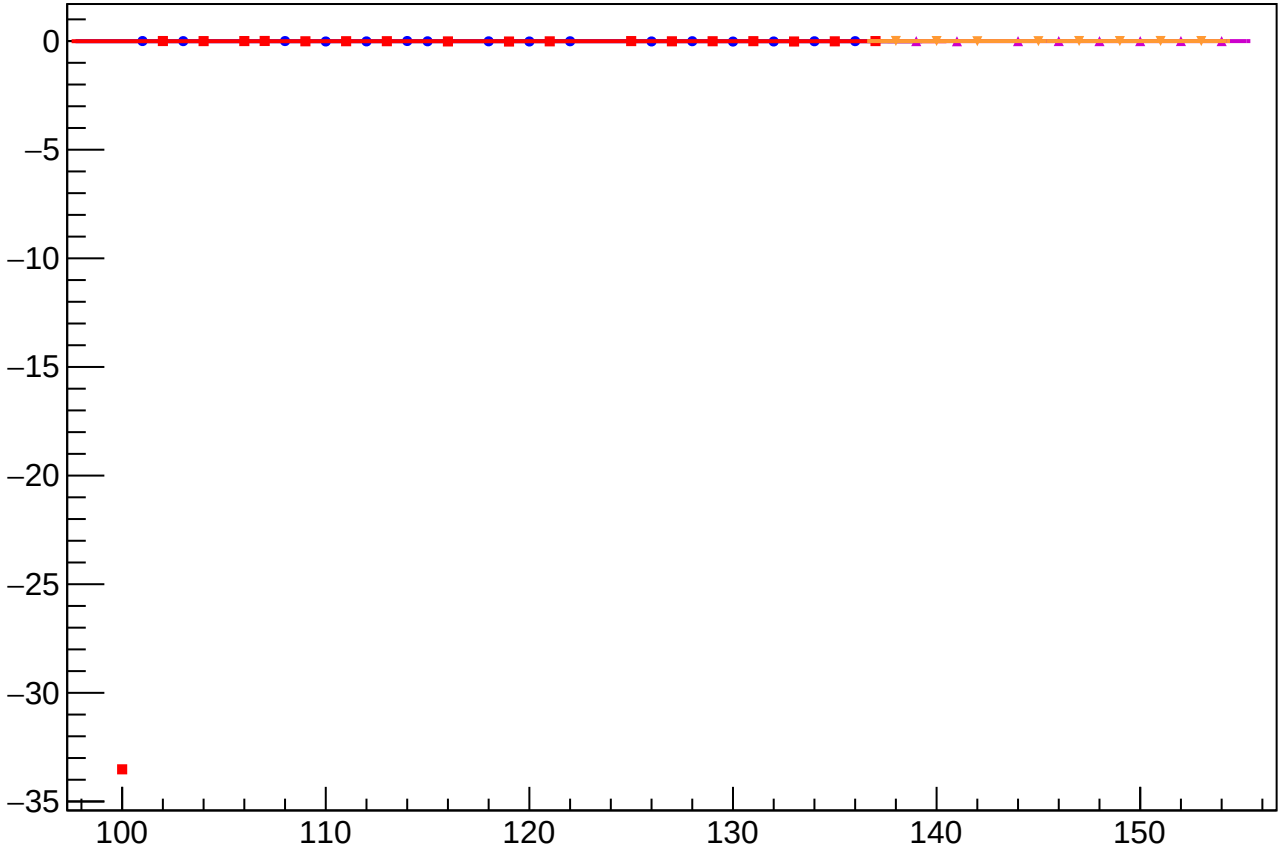
Left In: 0.104+/-0.027 χ^2/NDF:8.9/7

+ sign 0.058+/-0.019 χ^2/NDF: 25.7/23

All: 0.082+/-0.014 χ^2/NDF: 45.8/49

- sign 0.107+/-0.019 χ^2/NDF: 16.9/25

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: 0.001+/-0.001 χ^2/NDF:6.6/7

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

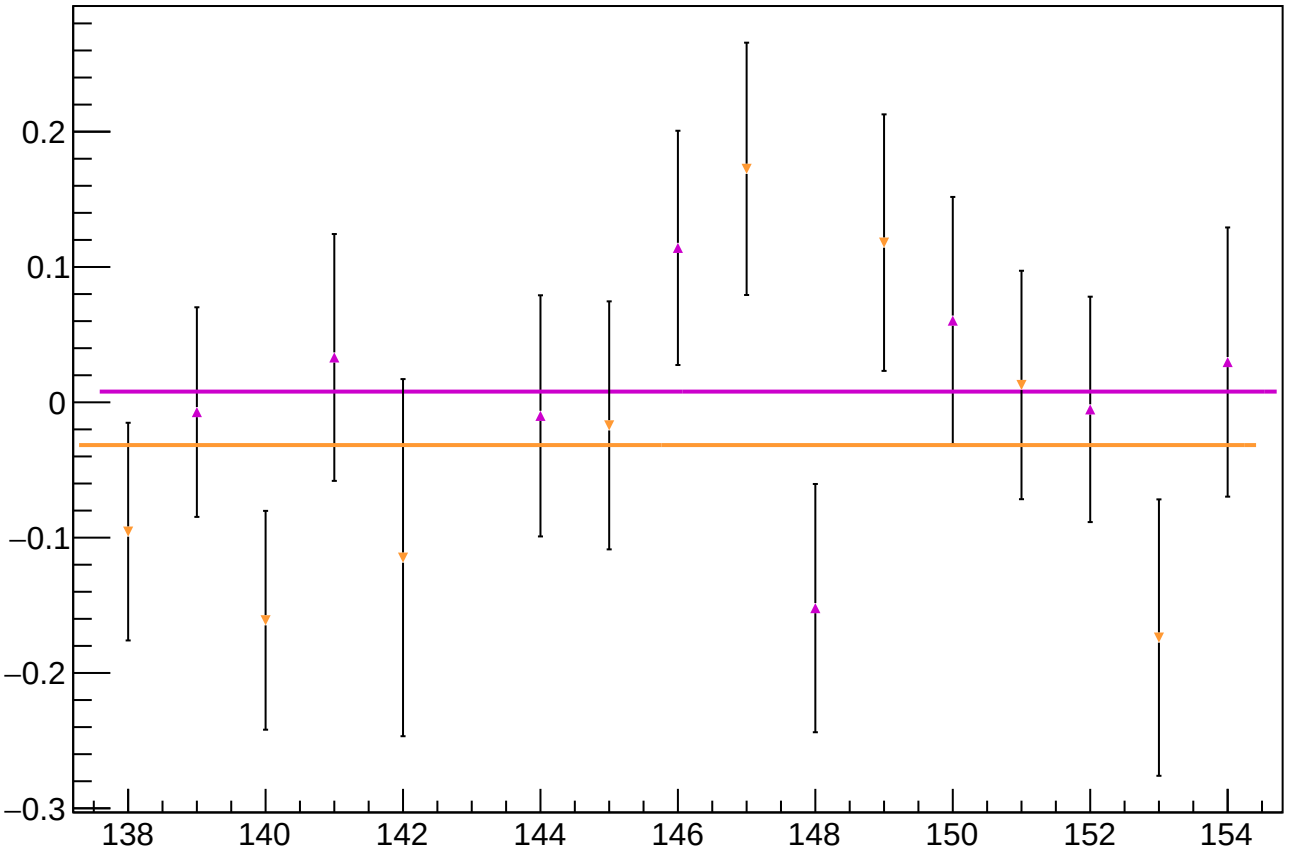
Left In: -0.001+/-0.001 χ^2/NDF:4.5/7

+ sign -0.002+/-0.001 χ^2/NDF: 39.2/23

All: -0.003+/-0.001 χ^2/NDF: 26560.1/49

- sign -0.003+/-0.001 χ^2/NDF: 26520.4/25

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.032+/-0.033 χ^2/NDF:13.1/7

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

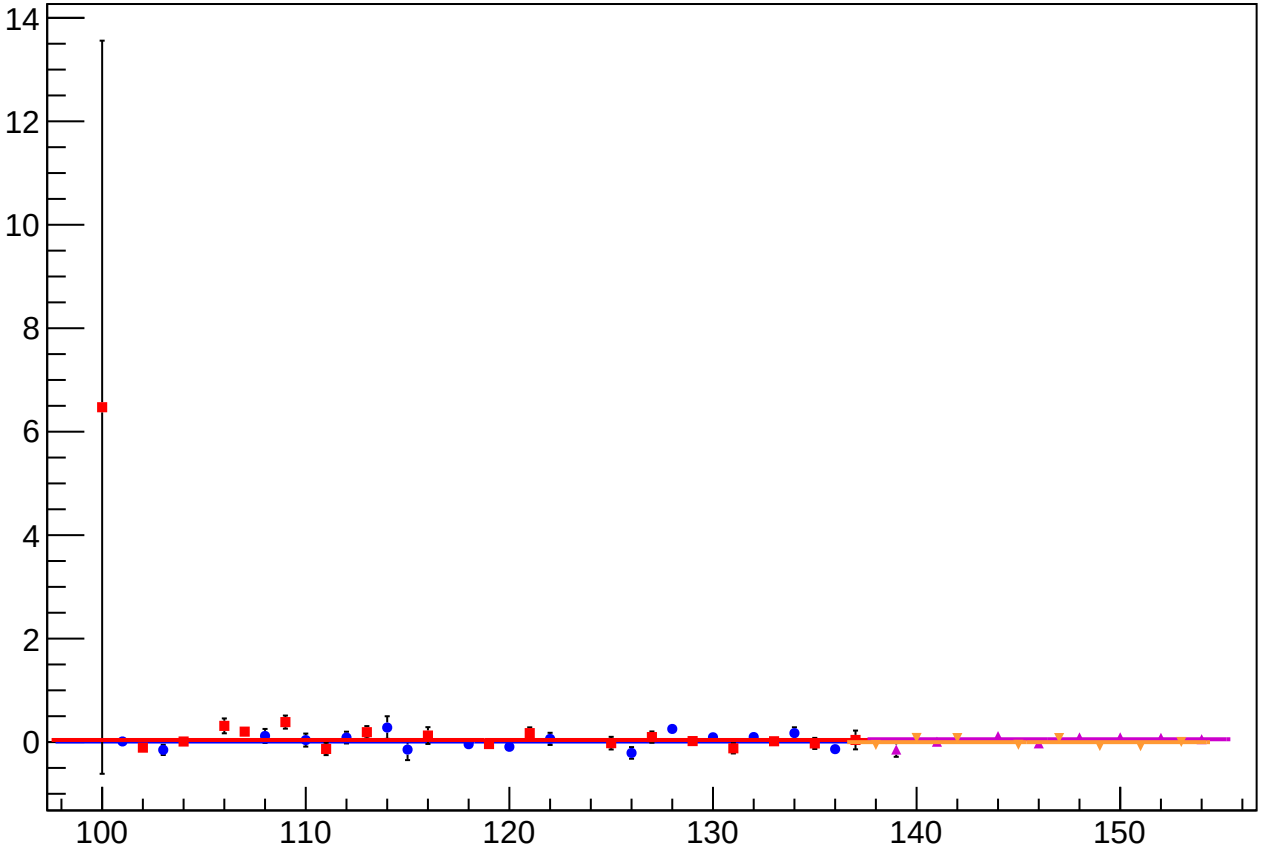
Left In: 0.008+/-0.031 χ^2/NDF:5.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.011+/-0.022 χ^2/NDF: 19.0/15

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010+/-0.023 χ^2/NDF: 25.4/15

Left Out: -0.002+/-0.022 χ^2/NDF:10.6/7

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

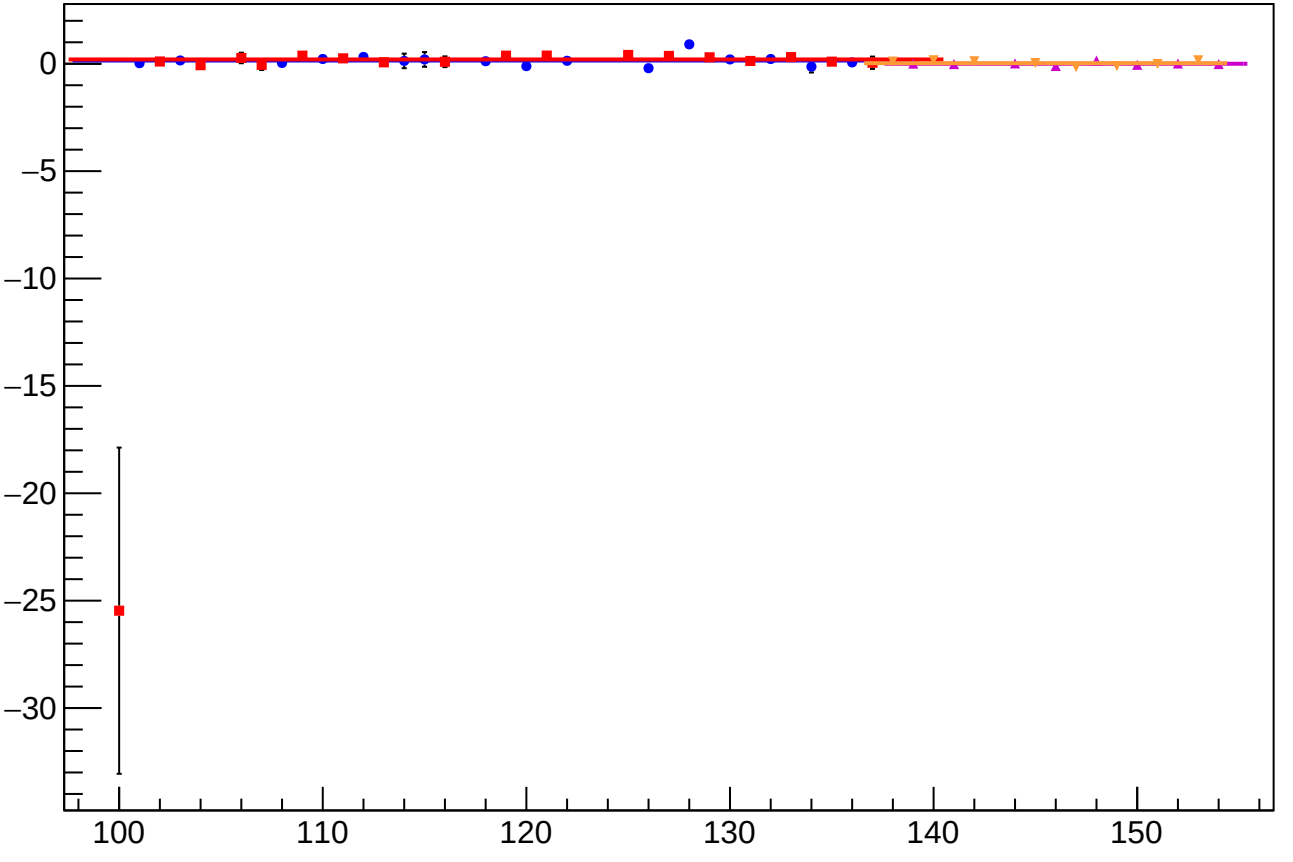
Left In: 0.054+/-0.022 χ^2/NDF:7.1/7

+ sign 0.004+/-0.016 χ^2/NDF: 36.2/23

All: 0.026+/-0.011 χ^2/NDF: 75.1/49

- sign 0.048+/-0.016 χ^2/NDF: 35.2/25

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.026+/-0.032 χ^2/NDF:12.9/7

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

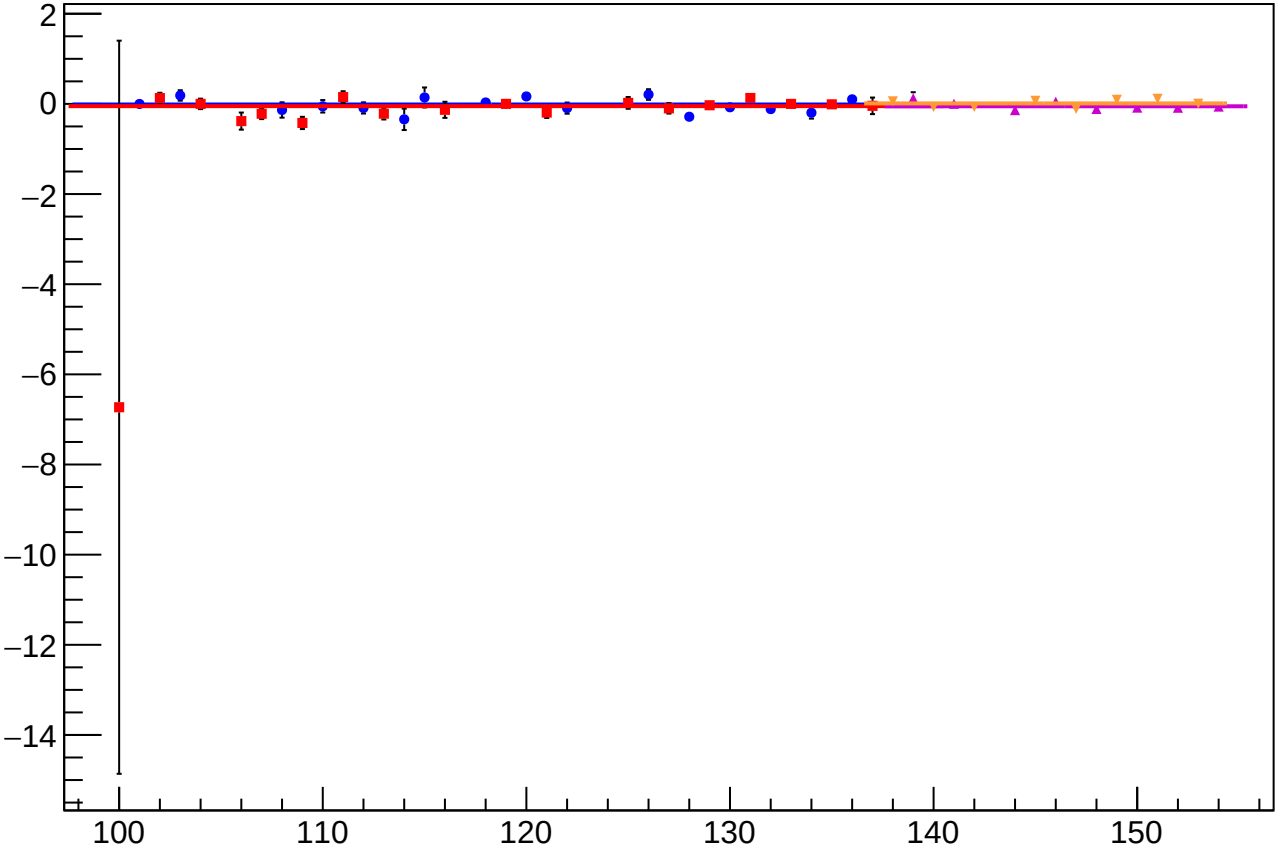
Left In: 0.000+/-0.031 χ^2/NDF:5.0/7

+ sign 0.072+/-0.026 χ^2/NDF: 47.1/23

All: 0.068+/-0.018 χ^2/NDF: 88.4/49

- sign 0.064+/-0.025 χ^2/NDF: 41.3/25

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: 0.011+/-0.027 χ^2/NDF:10.1/7

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

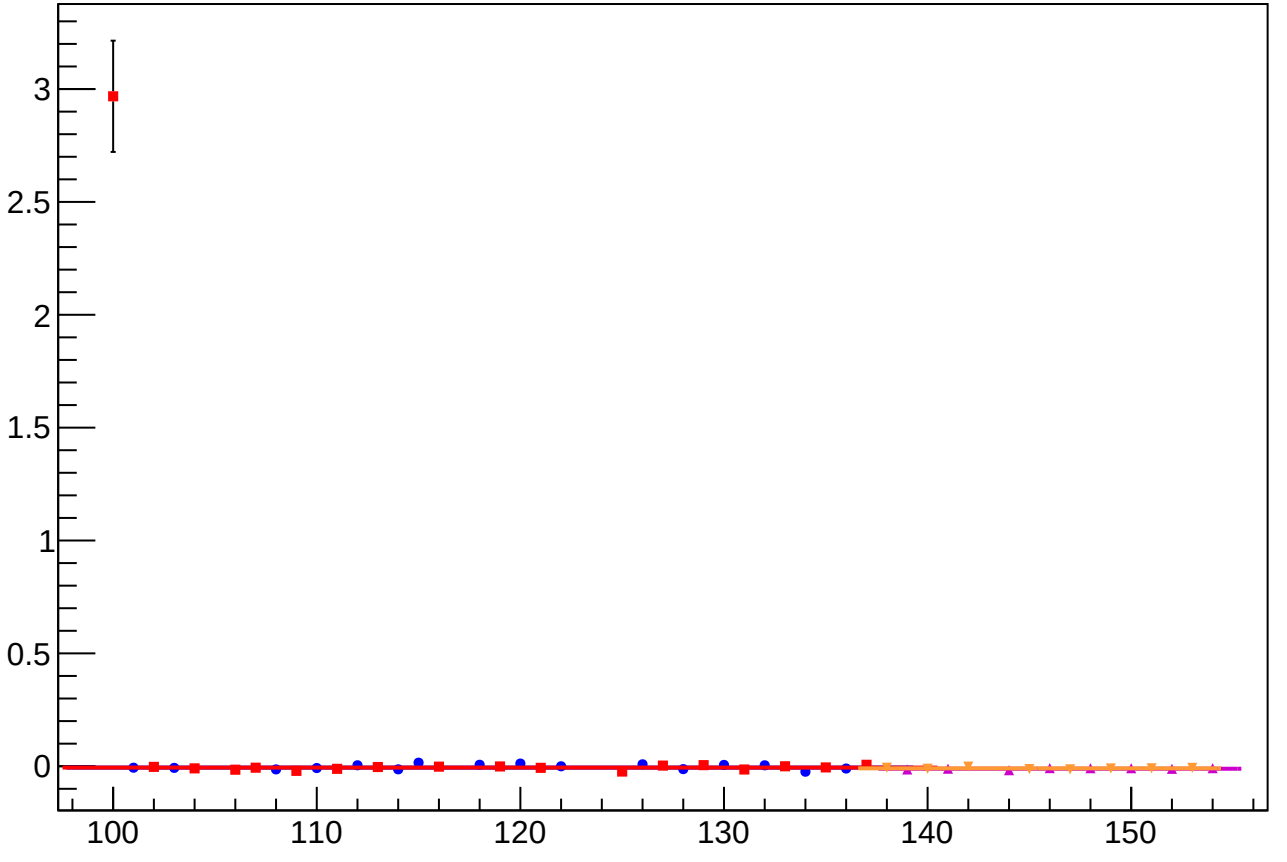
Left In: -0.053+/-0.027 χ^2/NDF:7.2/7

+ sign -0.002+/-0.019 χ^2/NDF: 35.7/23

All: -0.026+/-0.014 χ^2/NDF: 71.9/49

- sign -0.052+/-0.019 χ^2/NDF: 32.9/25

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.009+/-0.001 χ^2/NDF:4.9/7

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

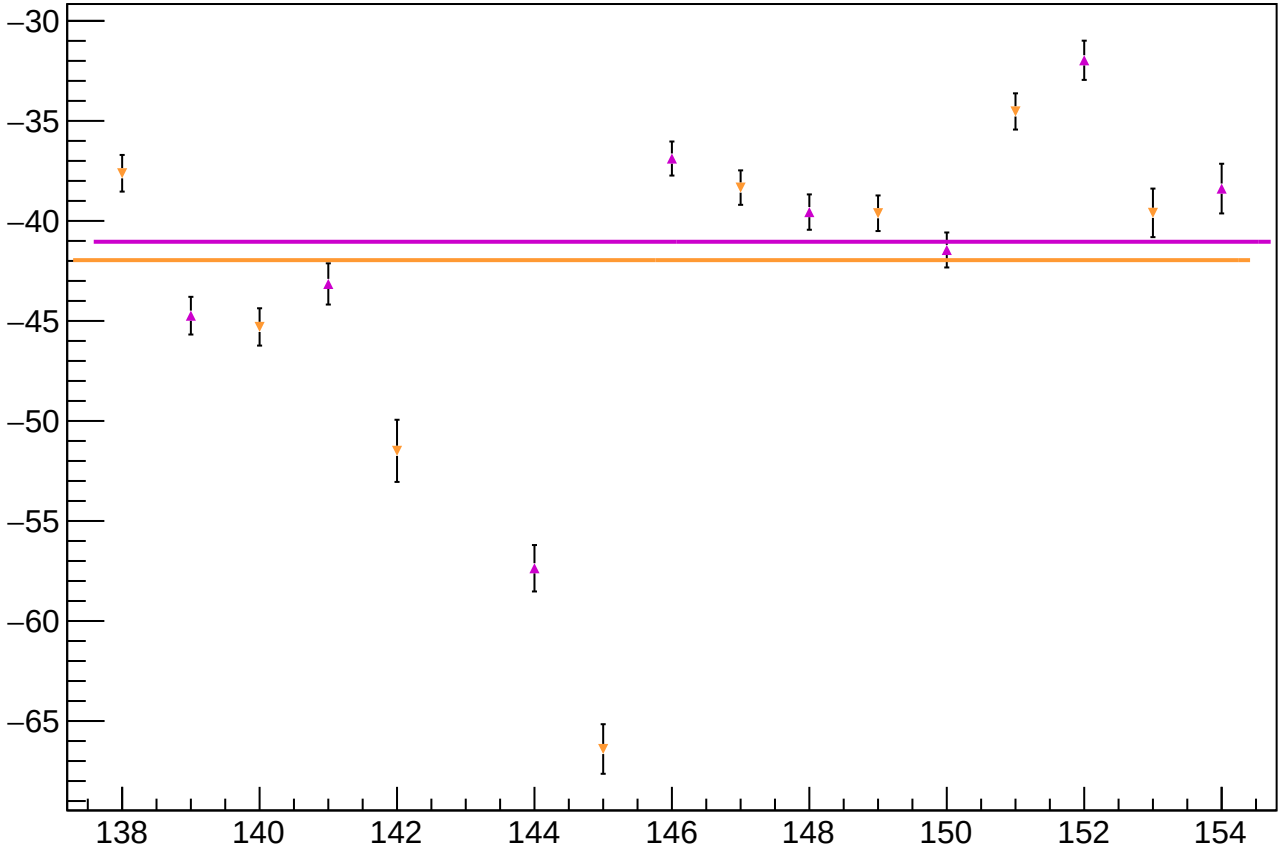
Left In: -0.011+/-0.001 χ^2/NDF:5.5/7

+ sign -0.008+/-0.001 χ^2/NDF: 36.7/23

All: -0.008+/-0.001 χ^2/NDF: 215.8/49

- sign -0.009+/-0.001 χ^2/NDF: 178.4/25

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -41.961+/-0.355 χ^2/NDF:557.4/7

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

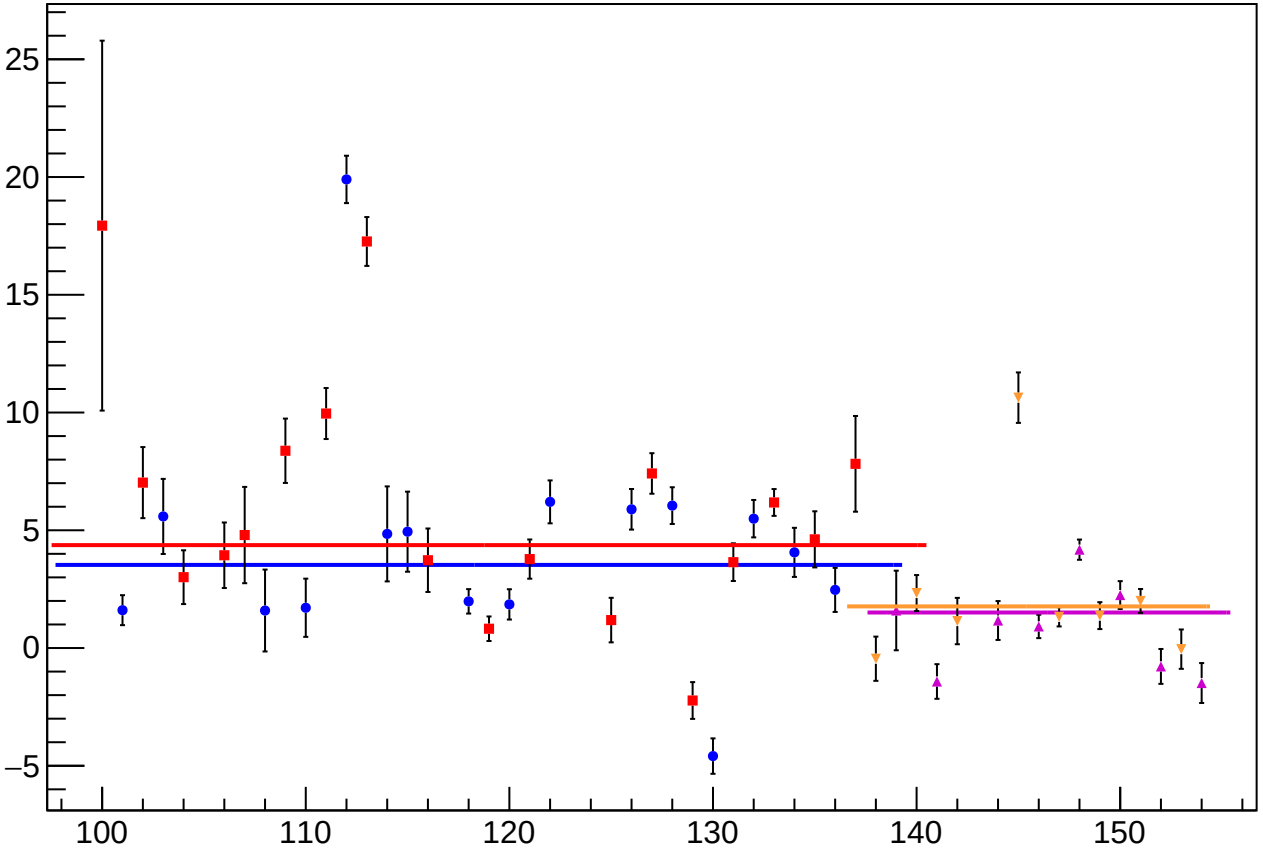
Left In: -41.042+/-0.344 χ^2/NDF:334.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -41.486+/-0.247 χ^2/NDF: 895.4/15

- 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: 1.767+/-0.229 χ^2/NDF:81.6/7

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

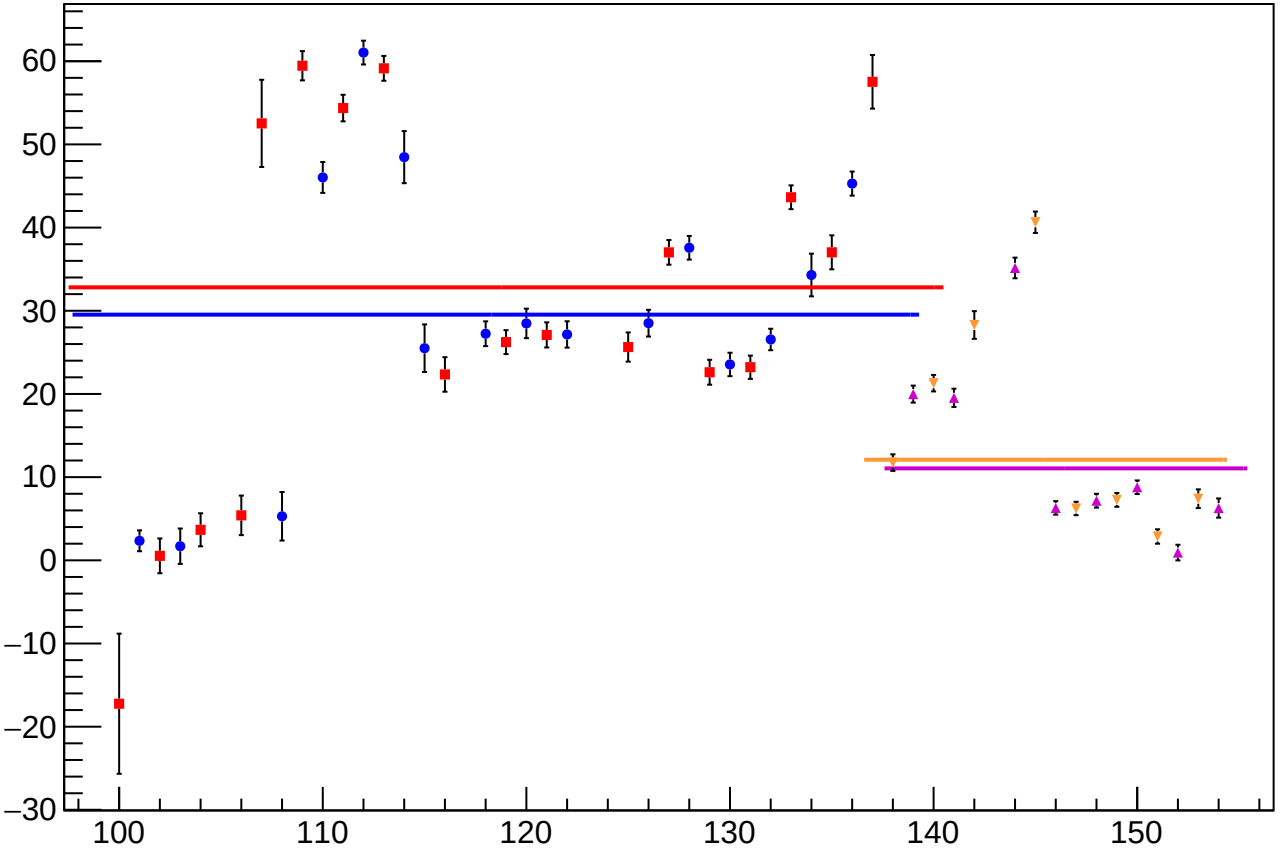
Left In: 1.508+/-0.228 χ^2/NDF:79.7/7

+ sign 2.693+/-0.158 χ^2/NDF: 559.4/23

All: 2.822+/-0.112 χ^2/NDF: 1073.9/49

- sign 2.956+/-0.160 χ^2/NDF: 513.2/25

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 12.097+/-0.351 χ^2/NDF:891.2/7

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

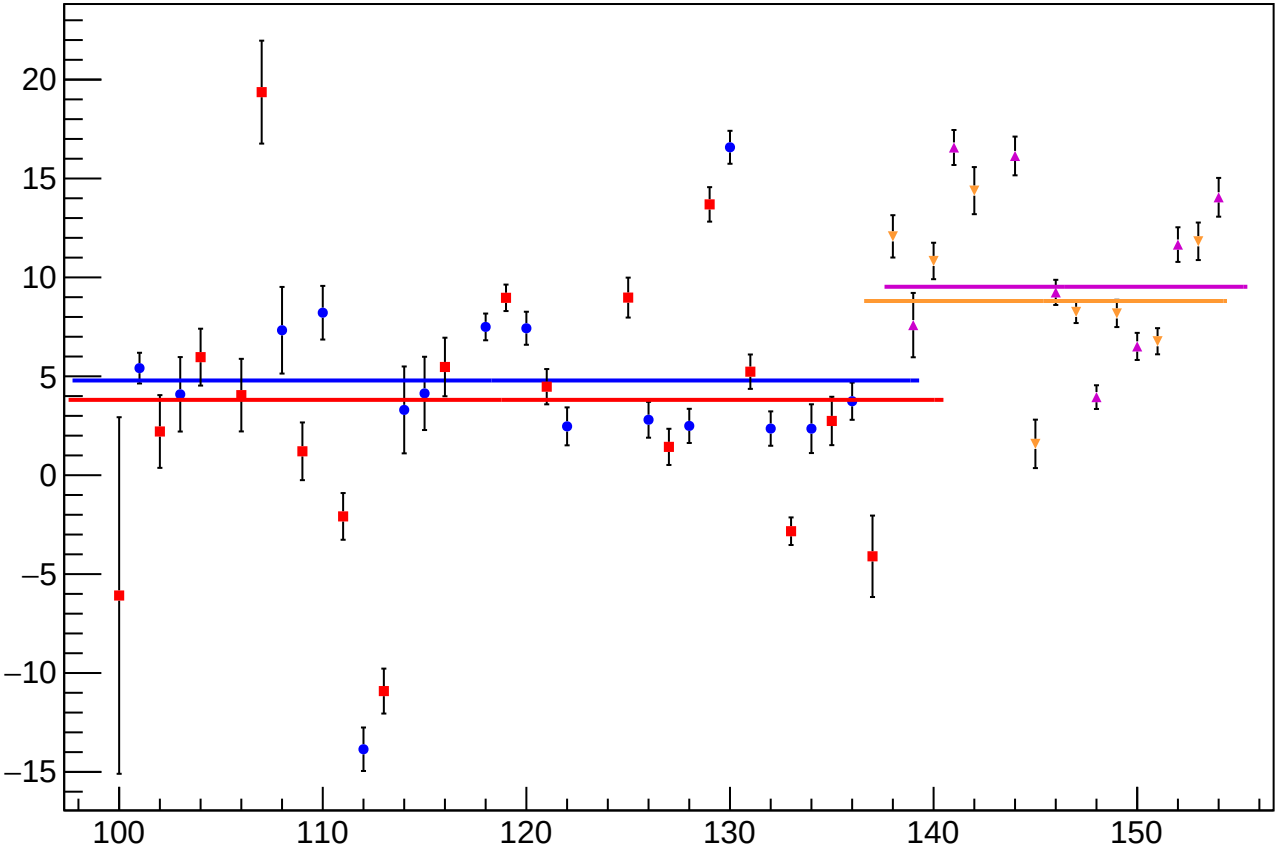
Left In: 11.054+/-0.337 χ^2/NDF:710.5/7

+ sign 19.338+/-0.269 χ^2/NDF: 3409.8/23

All: 19.430+/-0.188 χ^2/NDF: 7398.4/49

- sign 19.517+/-0.264 χ^2/NDF: 3988.4/25

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 8.807+/-0.288 χ^2/NDF:92.3/7

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

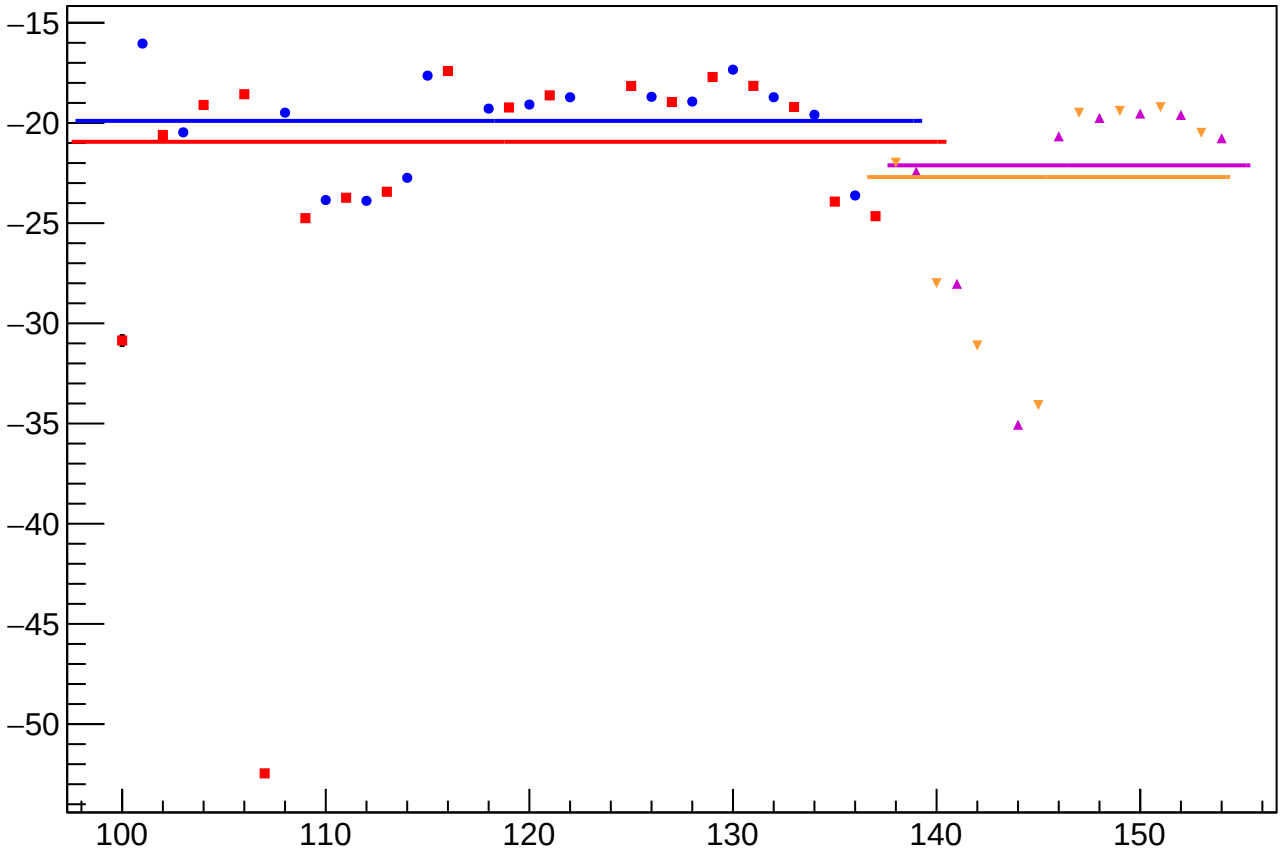
Left In: 9.527+/-0.284 χ^2/NDF:243.8/7

+ sign 6.527+/-0.189 χ^2/NDF: 756.9/23

All: 6.468+/-0.135 χ^2/NDF: 1790.1/49

- sign 6.407+/-0.191 χ^2/NDF: 1033.0/25

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -22.699+/-0.015 χ^2/NDF:108238.6/7

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

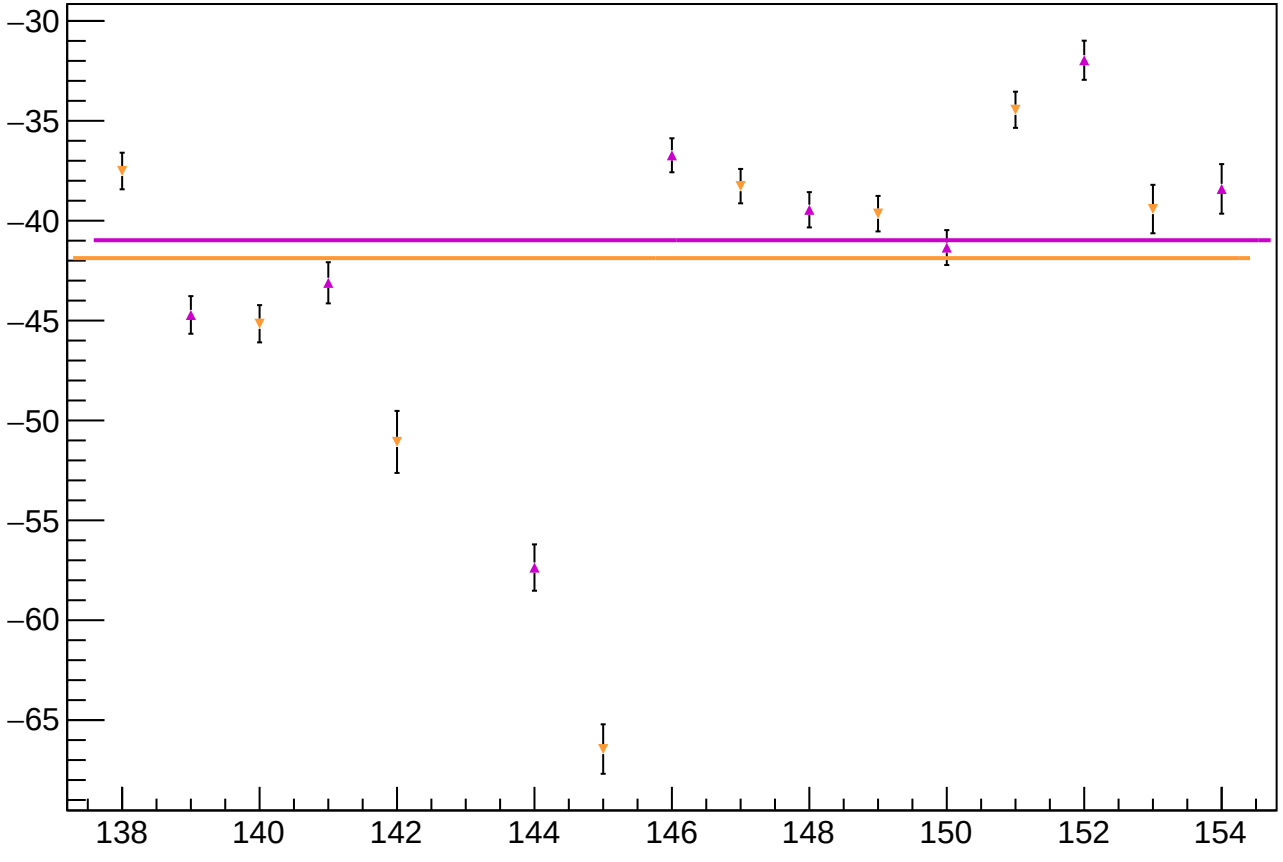
Left In: -22.115+/-0.014 χ^2/NDF:91415.6/7

+ sign -21.372+/-0.011 χ^2/NDF: 151390.7/23

All: -21.491+/-0.007 χ^2/NDF: 340279.1/49

- sign -21.603+/-0.010 χ^2/NDF: 188647.4/25

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -41.873+/-0.355 χ^2/NDF:559.0/7

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

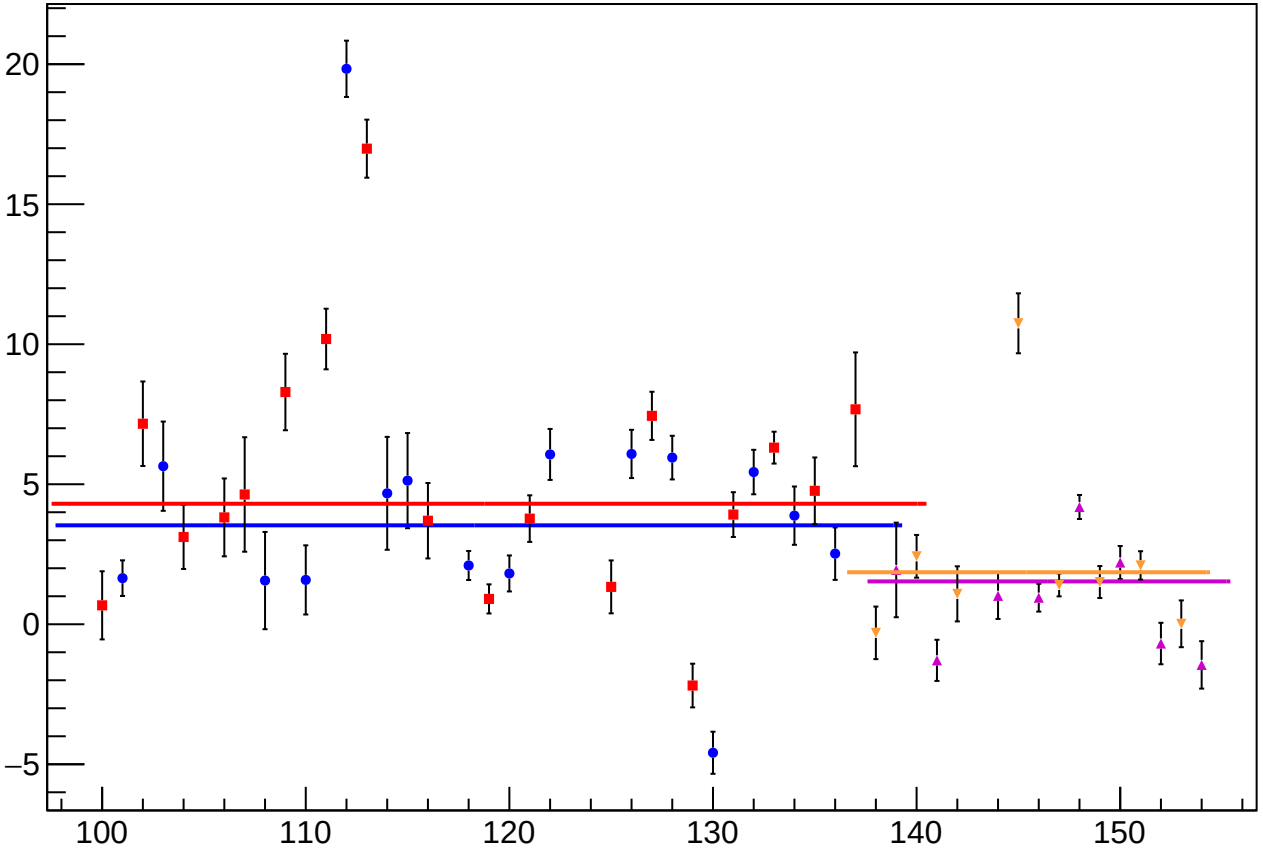
Left In: -40.978+/-0.343 χ^2/NDF:336.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -41.411+/-0.247 χ^2/NDF: 899.0/15

- 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: 1.857+/-0.229 χ^2/NDF:82.1/7

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

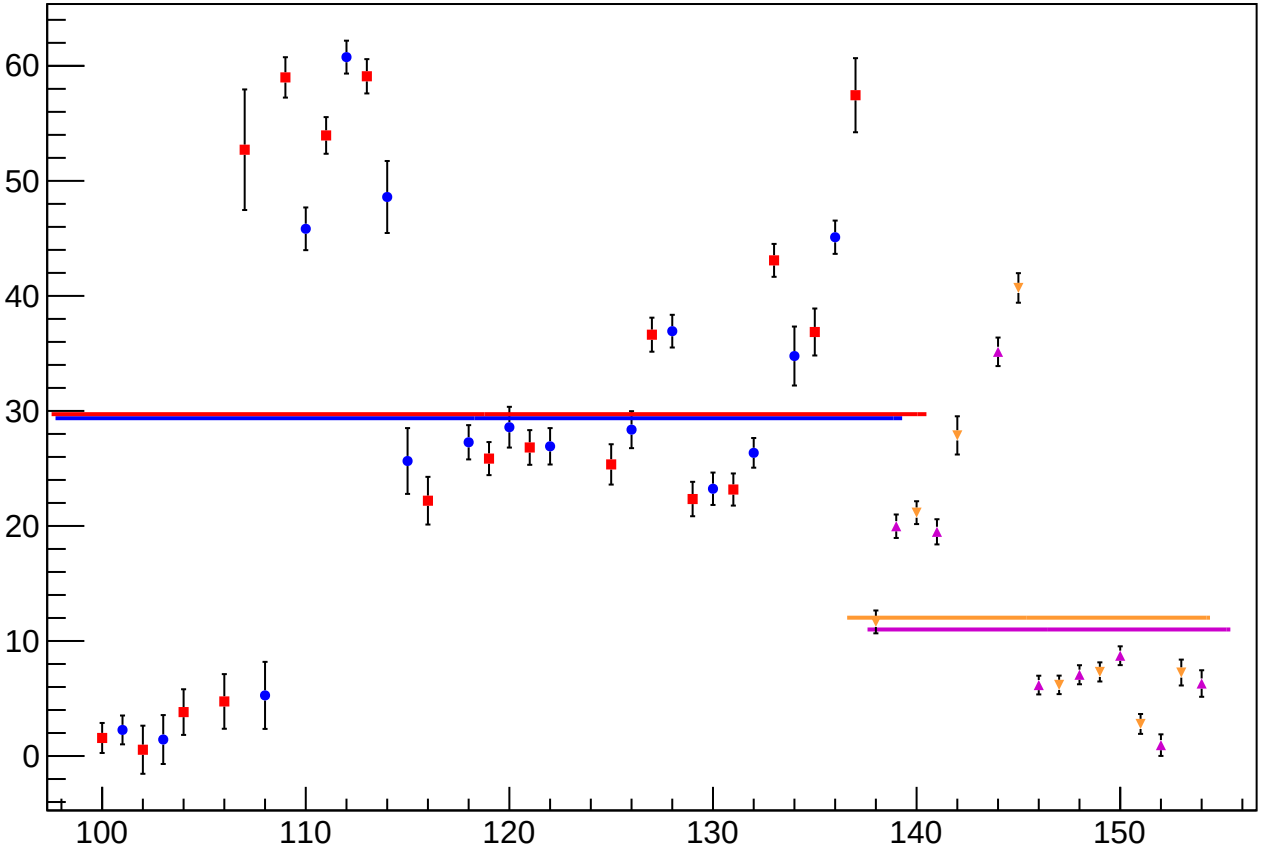
Left In: 1.530+/-0.228 χ^2/NDF:77.6/7

+ sign 2.737+/-0.157 χ^2/NDF: 553.6/23

All: 2.846+/-0.112 χ^2/NDF: 1061.1/49

- sign 2.956+/-0.159 χ^2/NDF: 506.6/25

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 12.025+/-0.351 χ^2/NDF:890.0/7

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

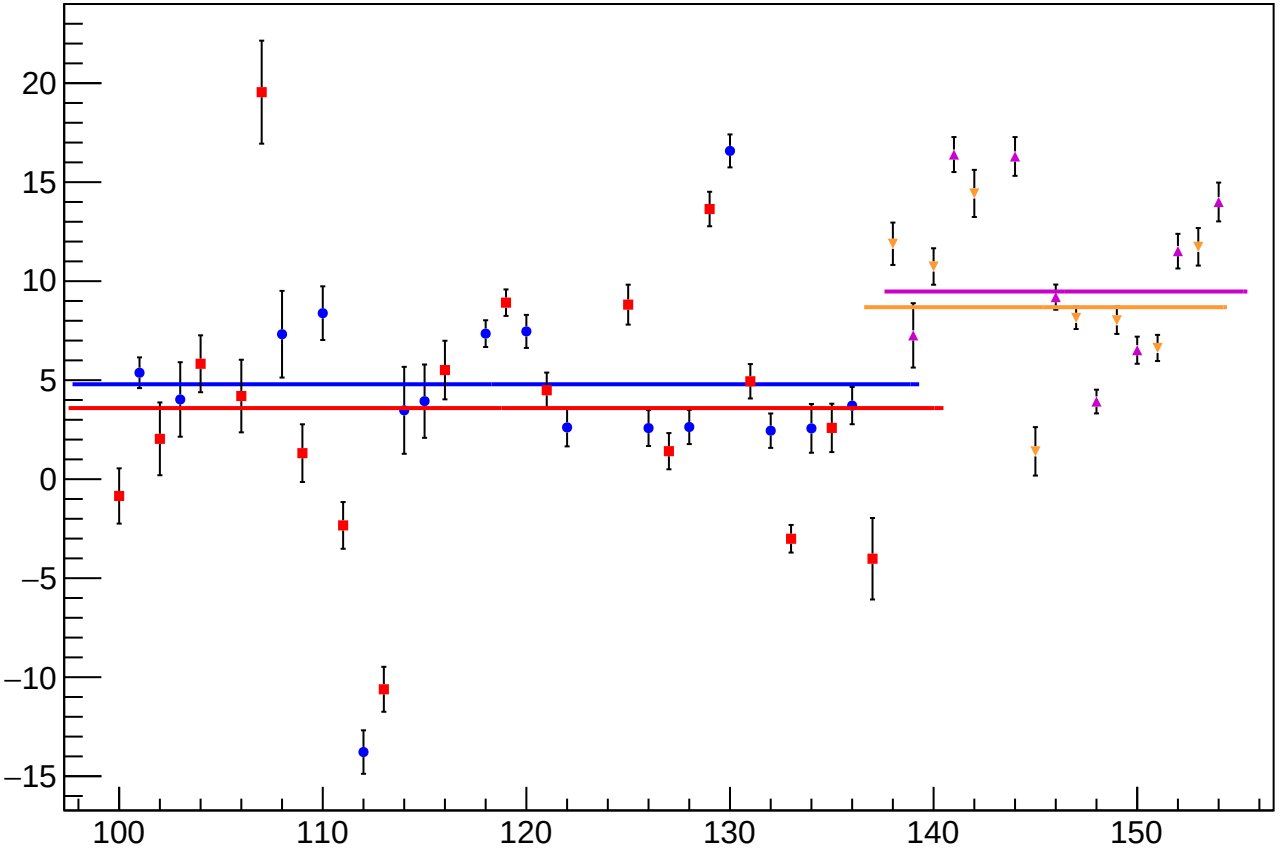
Left In: 10.999+/-0.337 χ^2/NDF:713.4/7

+ sign 19.227+/-0.268 χ^2/NDF: 3392.4/23

All: 18.963+/-0.186 χ^2/NDF: 7508.6/49

- sign 18.718+/-0.258 χ^2/NDF: 4114.3/25

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 8.686+/-0.288 χ^2/NDF:94.6/7

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

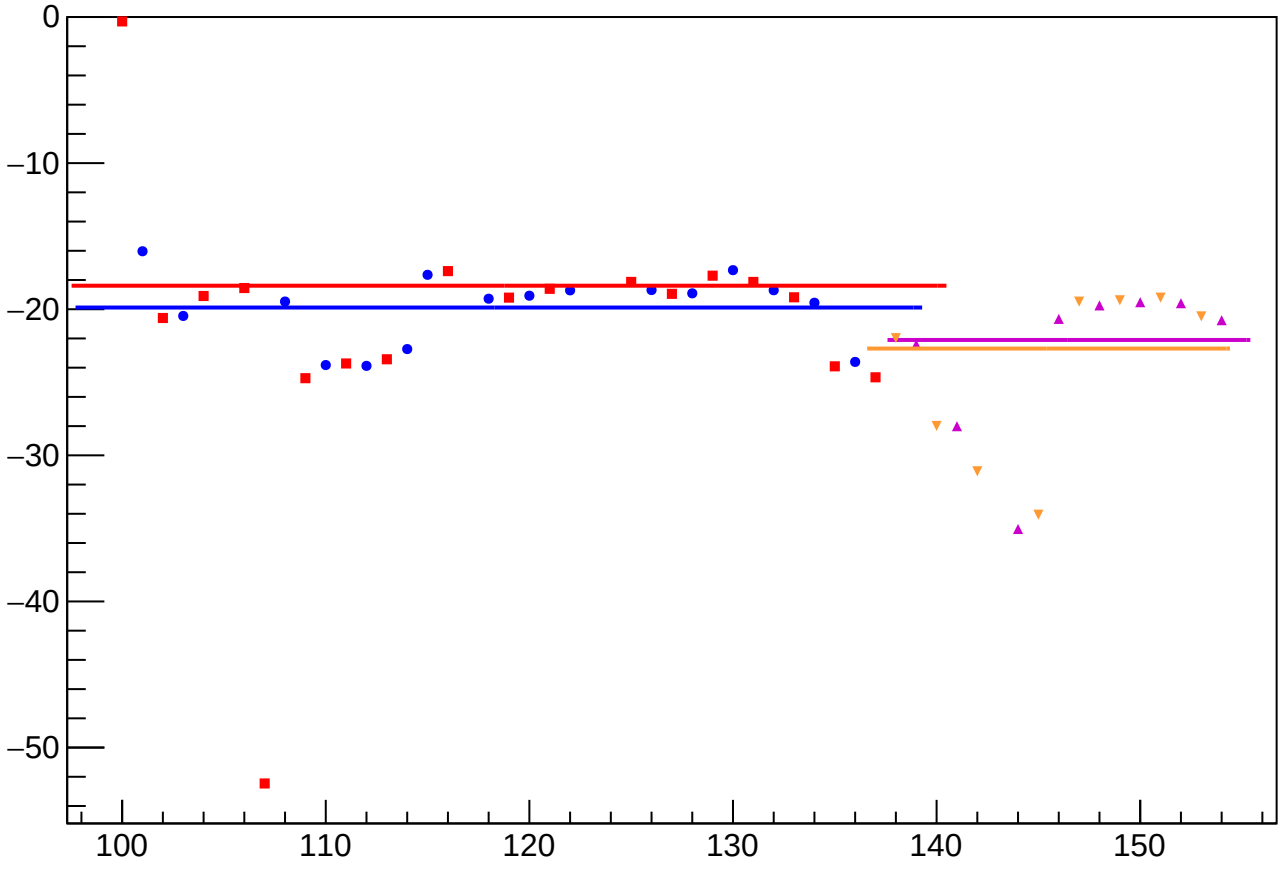
Left In: 9.478+/-0.283 χ^2/NDF:243.3/7

+ sign 6.478+/-0.189 χ^2/NDF: 748.5/23

All: 6.348+/-0.134 χ^2/NDF: 1804.9/49

- sign 6.218+/-0.189 χ^2/NDF: 1055.5/25

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -22.691+/-0.015 χ^2/NDF:108298.1/7

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

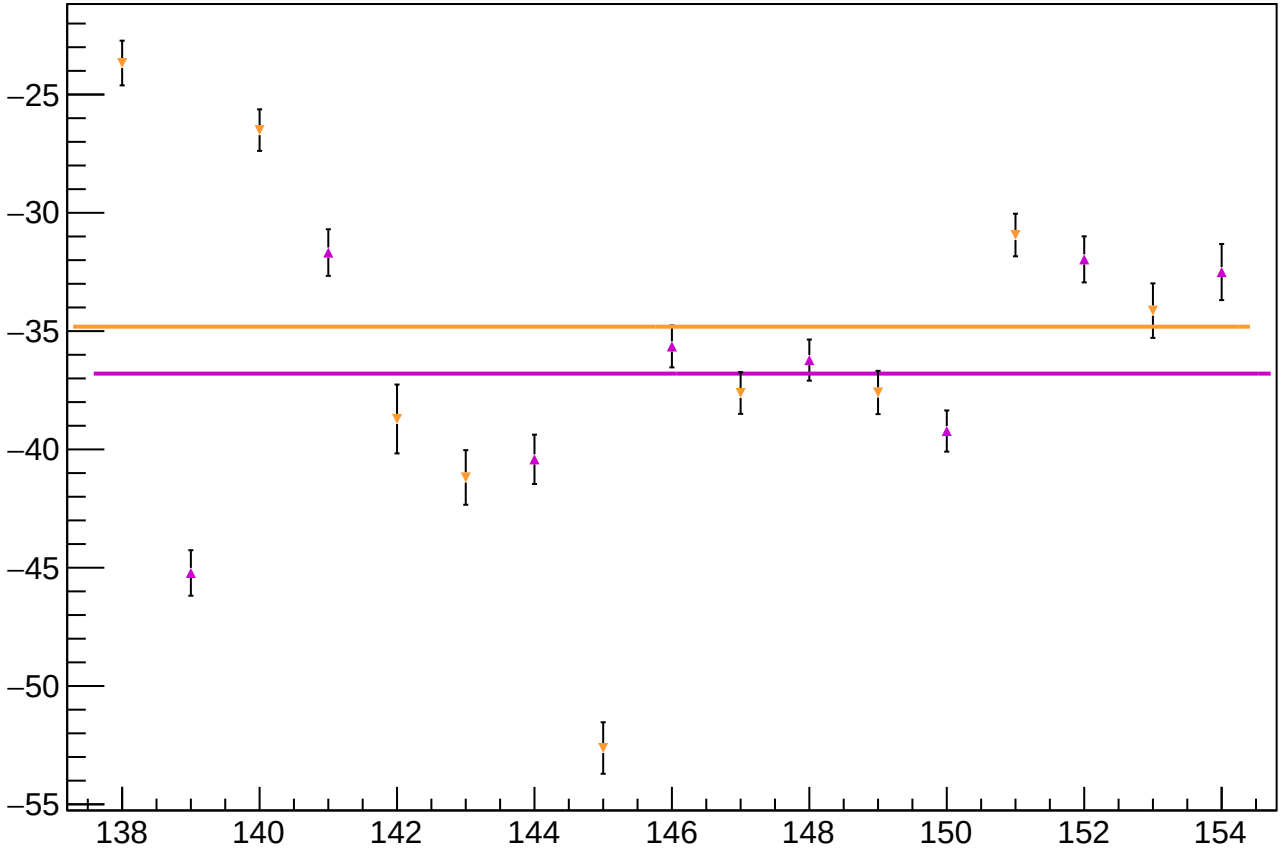
Left In: -22.103+/-0.014 χ^2/NDF:91368.0/7

+ sign -21.362+/-0.011 χ^2/NDF: 151508.2/23

All: -20.836+/-0.007 χ^2/NDF: 582545.4/49

- sign -20.372+/-0.010 χ^2/NDF: 426498.2/25

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.812+/-0.334 χ^2/NDF:571.9/8

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

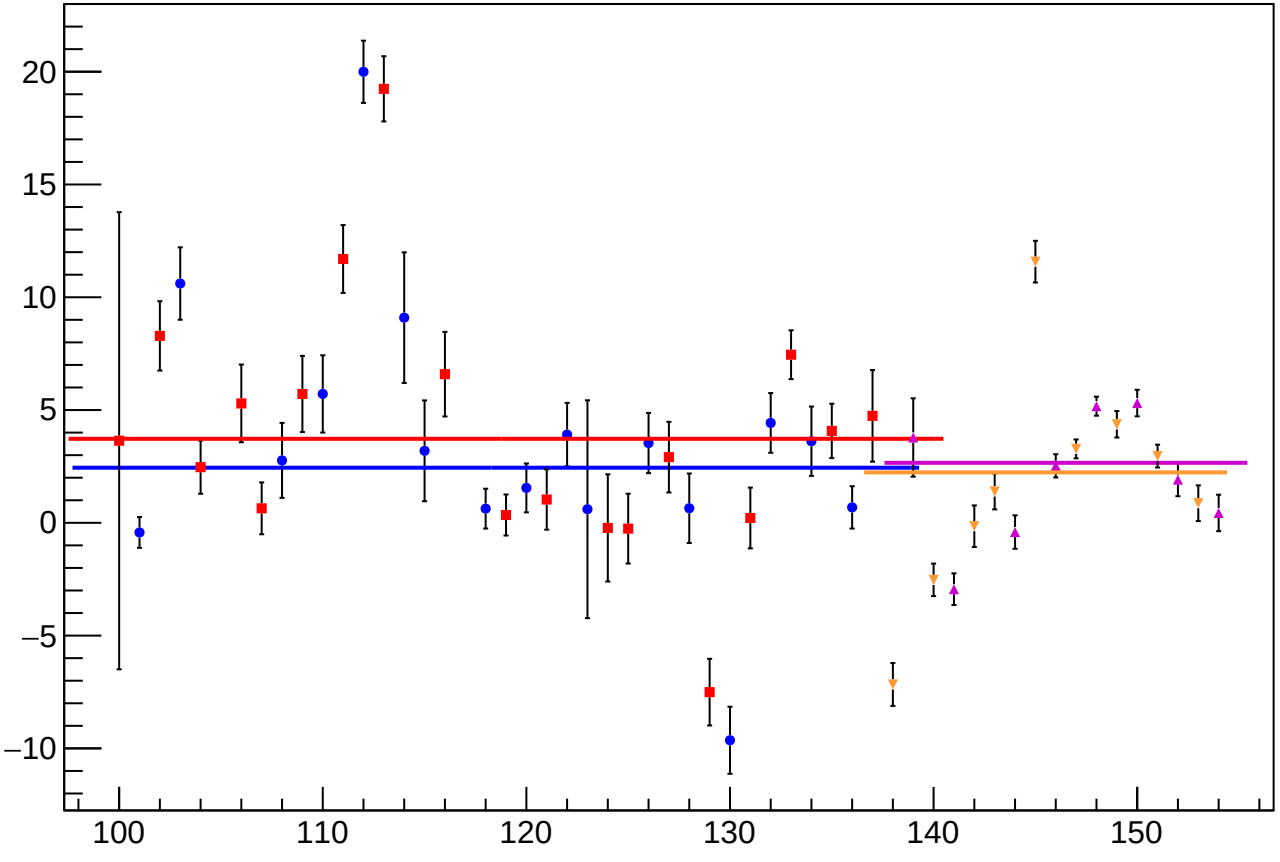
Left In: -36.795+/-0.339 χ^2/NDF:163.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.791+/-0.238 χ^2/NDF: 752.7/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: 2.236+/-0.218 χ^2/NDF:276.0/8

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

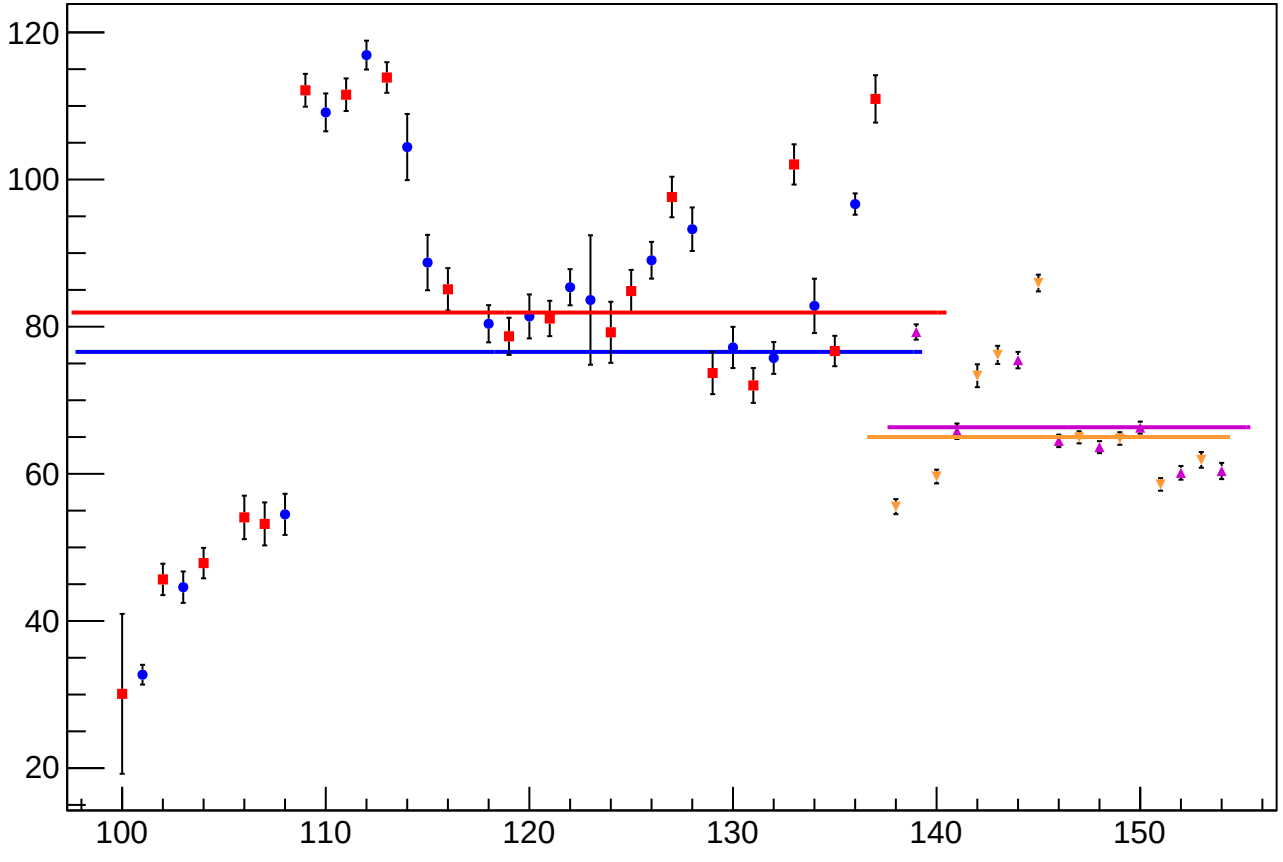
Left In: 2.661+/-0.224 χ^2/NDF:145.5/7

+ sign 2.304+/-0.178 χ^2/NDF: 571.6/25

All: 2.640+/-0.128 χ^2/NDF: 1000.8/52

- sign 3.002+/-0.185 χ^2/NDF: 421.8/26

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 65.006+/-0.333 χ^2/NDF:632.4/8

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

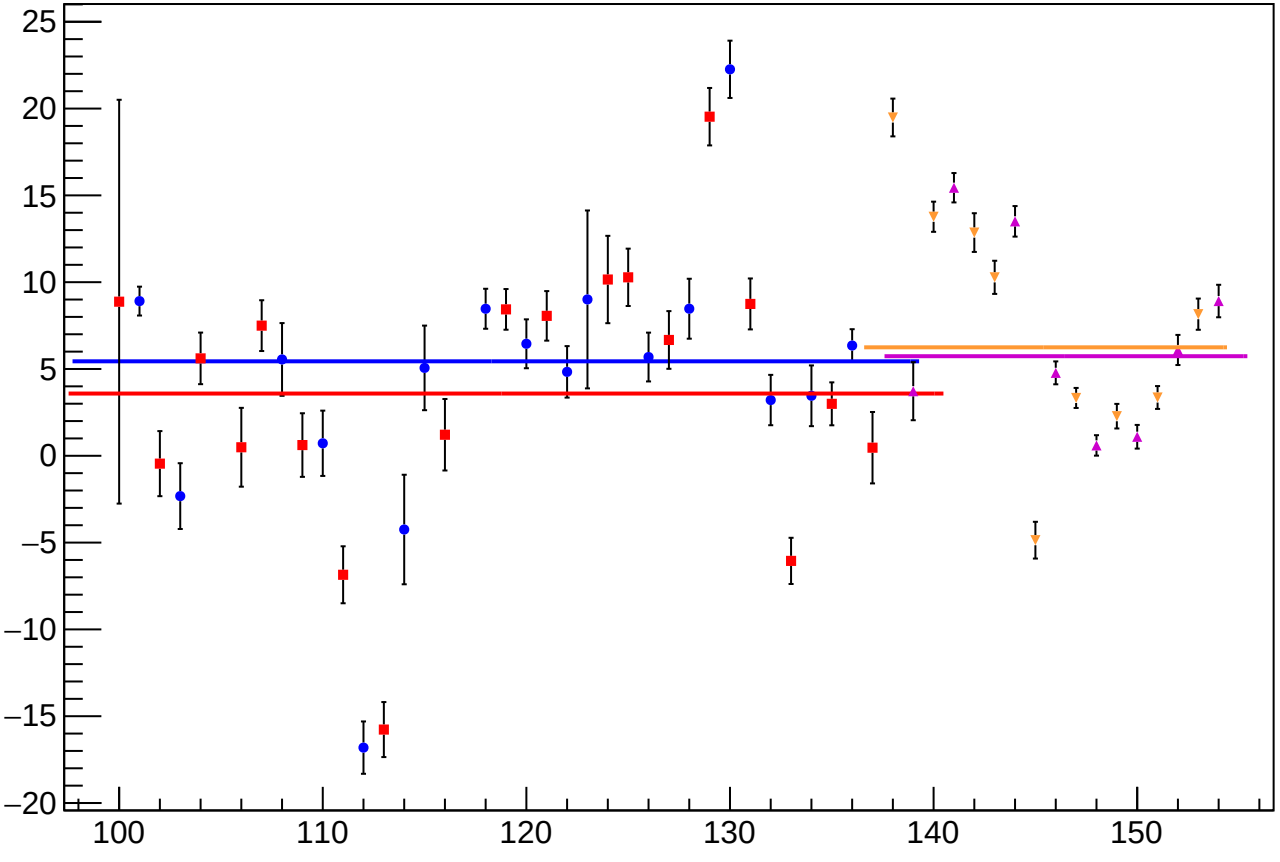
Left In: 66.334+/-0.333 χ^2/NDF:311.0/7

+ sign 67.925+/-0.288 χ^2/NDF: 3190.3/25

All: 68.994+/-0.204 χ^2/NDF: 5626.6/52

- sign 70.079+/-0.290 χ^2/NDF: 2408.6/26

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 6.247+/-0.272 χ^2/NDF:466.8/8

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

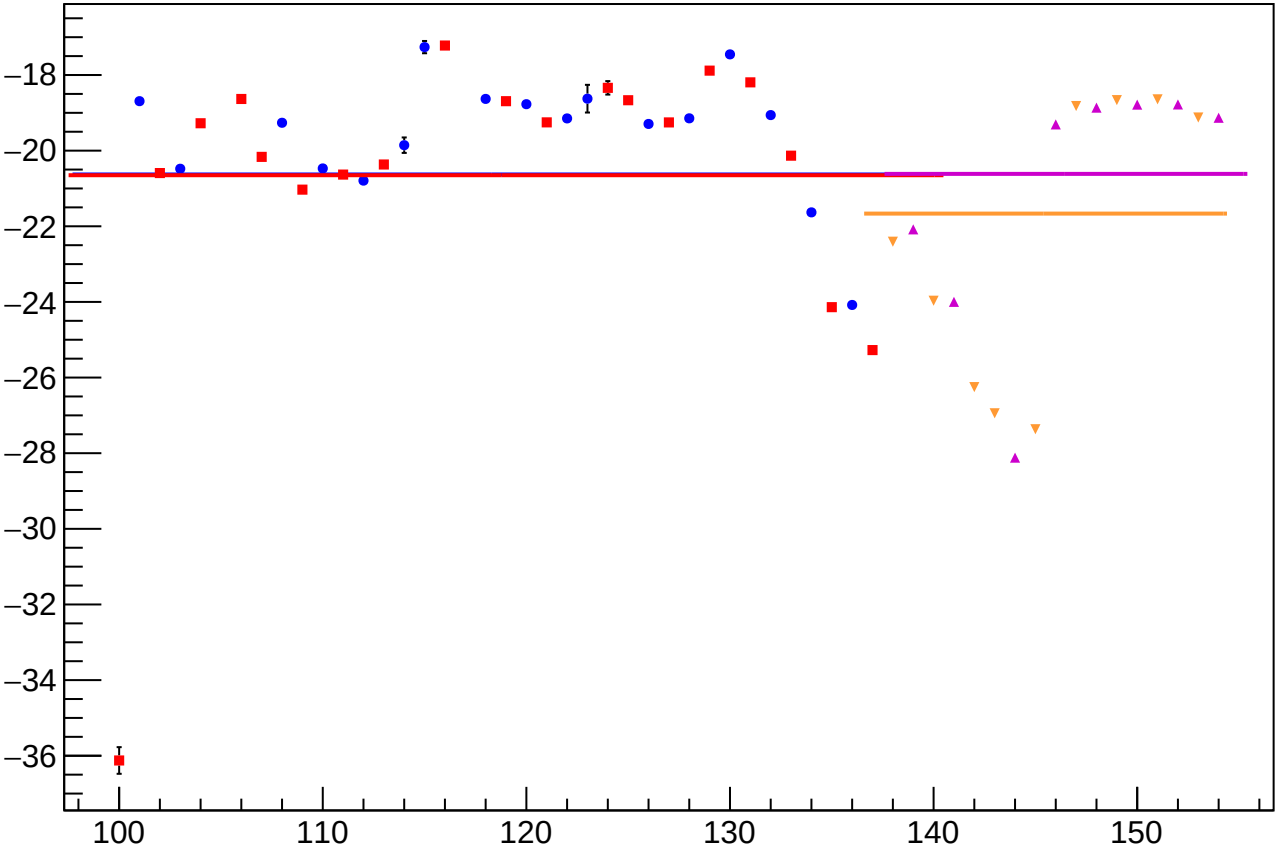
Left In: 5.736+/-0.279 χ^2/NDF:347.1/7

+ sign 5.952+/-0.216 χ^2/NDF: 857.5/25

All: 5.478+/-0.156 χ^2/NDF: 1658.9/52

- sign 4.970+/-0.224 χ^2/NDF: 791.5/26

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -21.664+/-0.014 χ^2/NDF:59318.5/8

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

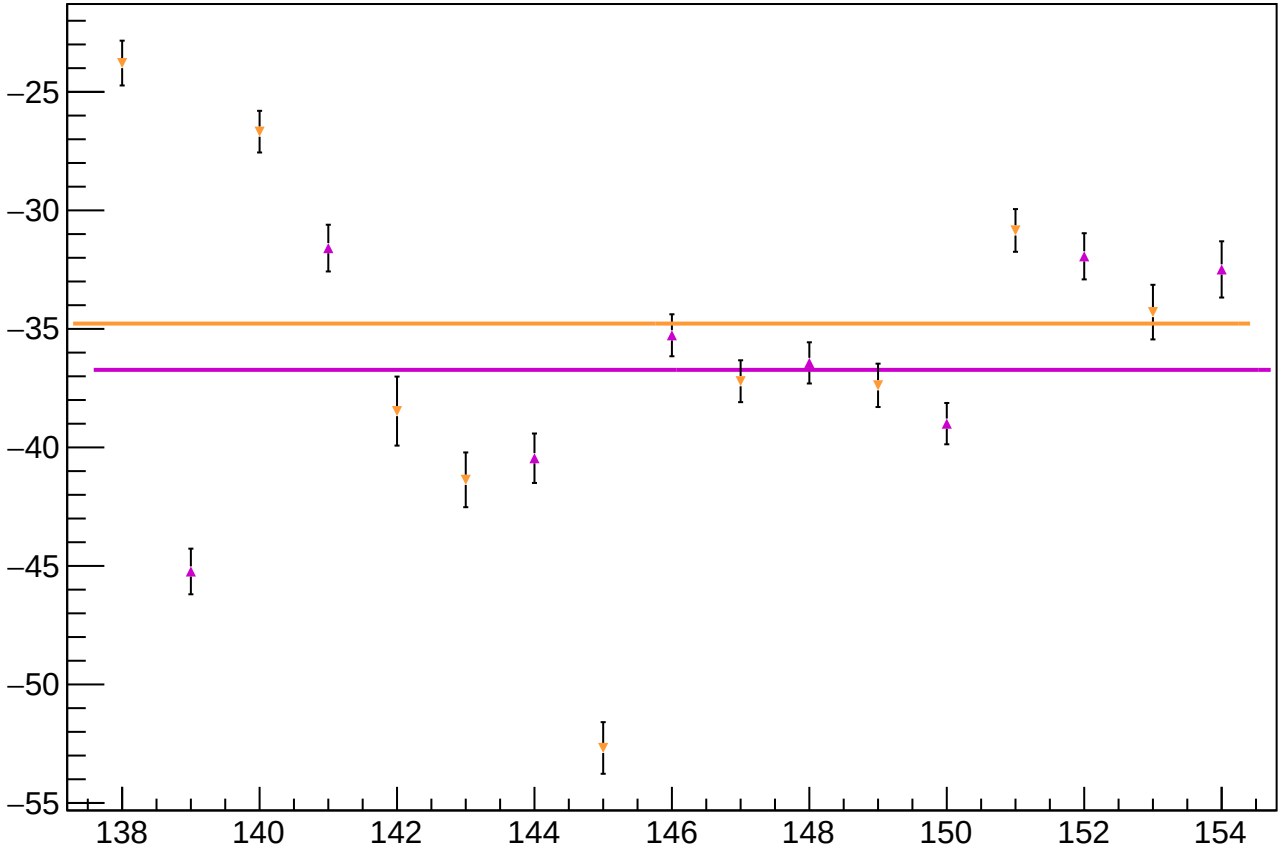
Left In: -20.614+/-0.014 χ^2/NDF:41957.5/7

+ sign -21.310+/-0.011 χ^2/NDF: 73700.4/25

All: -20.964+/-0.008 χ^2/NDF: 131409.4/52

- sign -20.626+/-0.011 χ^2/NDF: 55845.4/26

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.775+/-0.334 χ^2/NDF:563.9/8

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

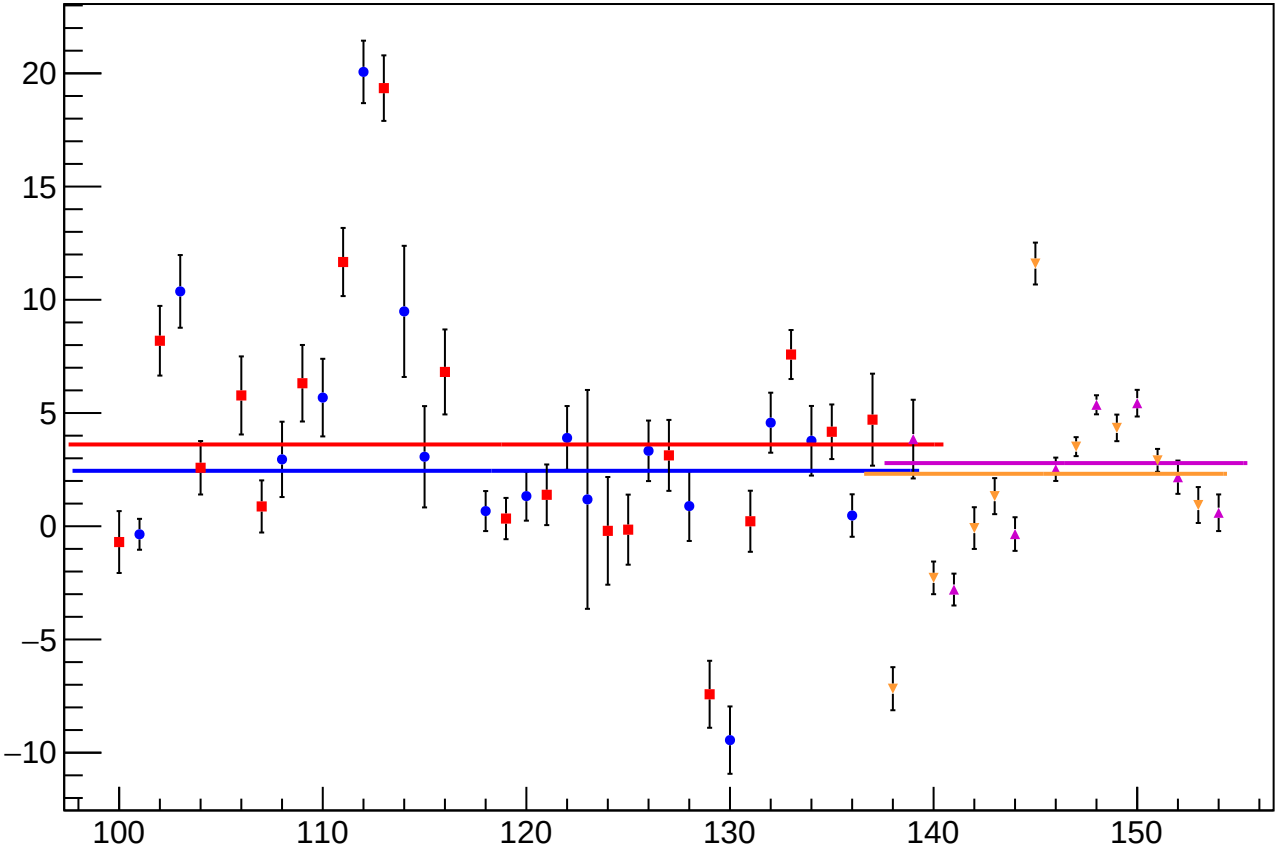
Left In: -36.728+/-0.339 χ^2/NDF:164.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.739+/-0.238 χ^2/NDF: 745.4/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: 2.316+/-0.218 χ^2/NDF:273.8/8

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

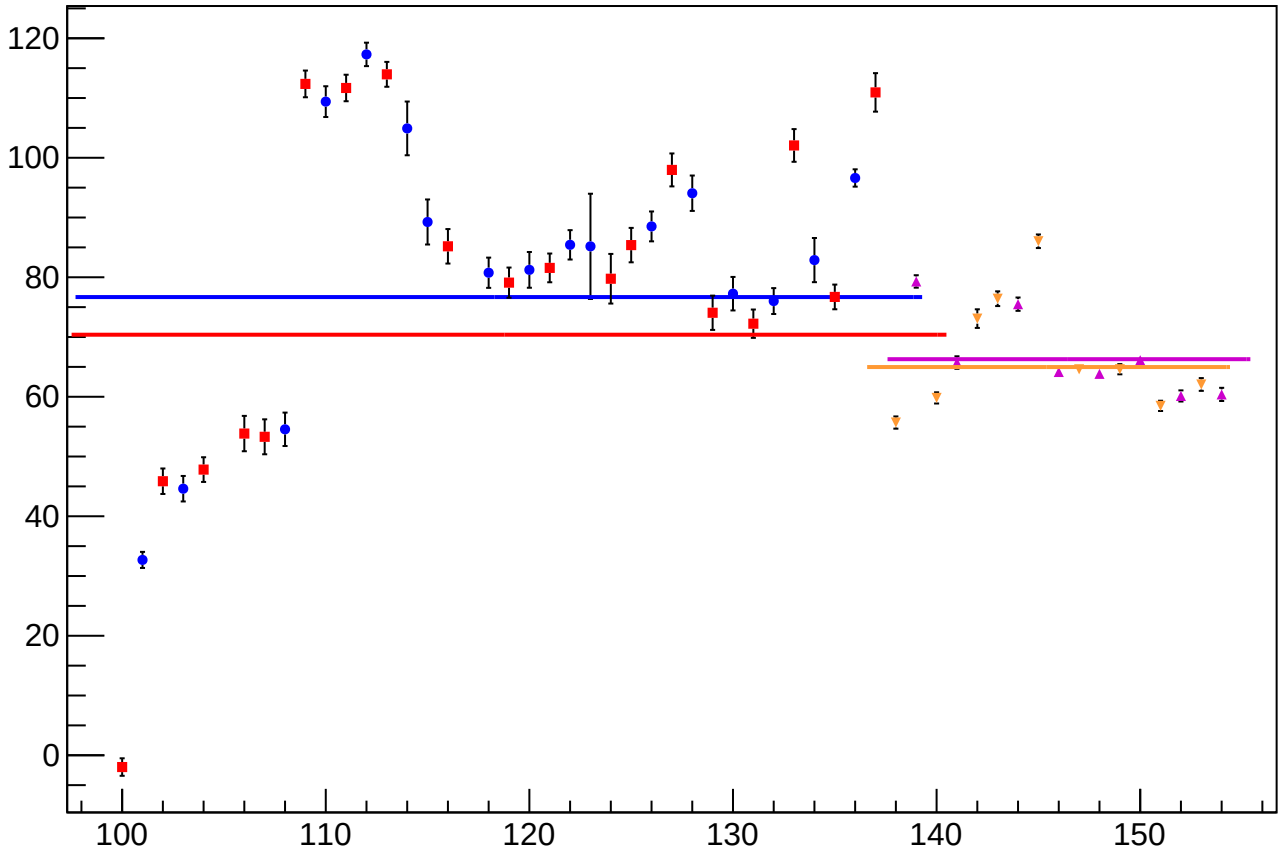
Left In: 2.789+/-0.225 χ^2/NDF:147.0/7

+ sign 2.359+/-0.179 χ^2/NDF: 567.3/25

All: 2.701+/-0.128 χ^2/NDF: 1005.8/52

- sign 3.062+/-0.184 χ^2/NDF: 430.9/26

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 64.974+/-0.333 χ^2/NDF:632.9/8

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

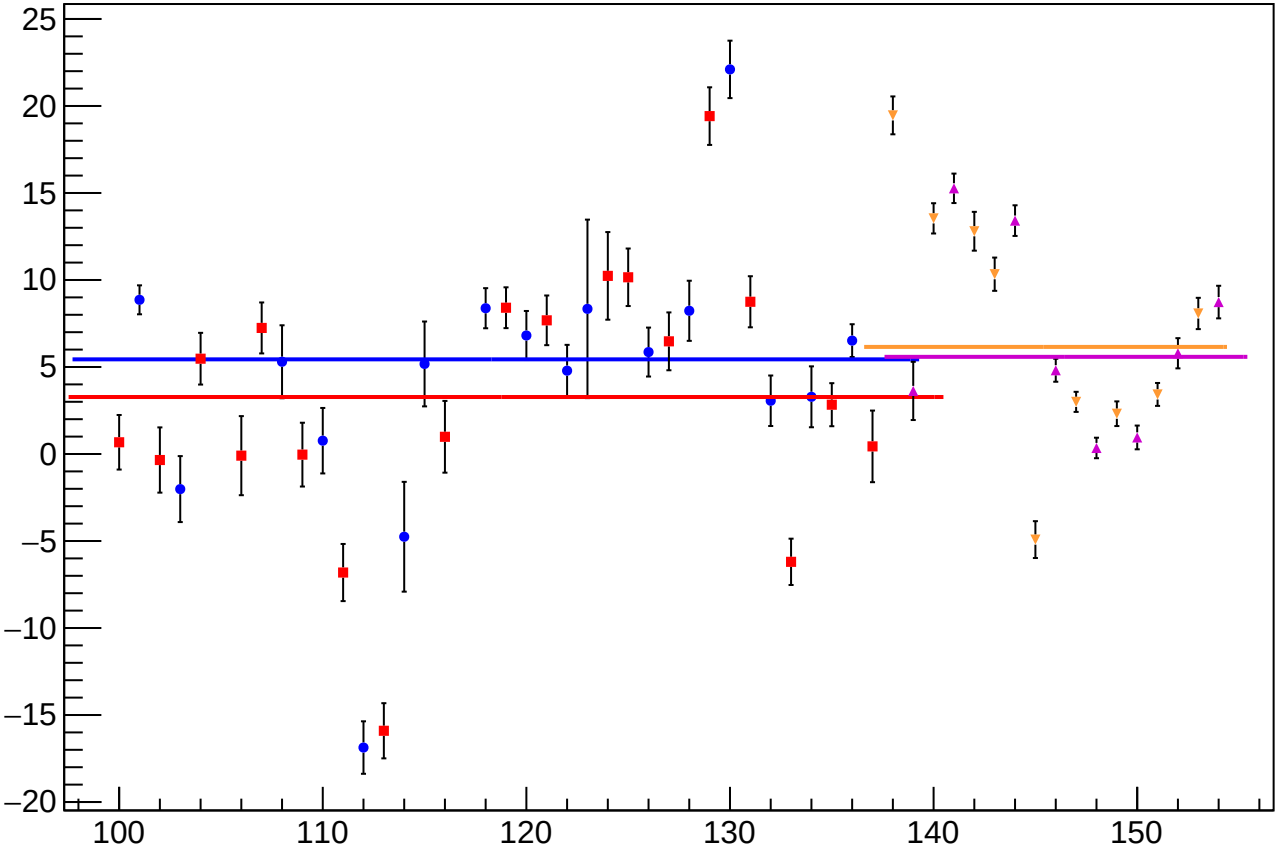
Left In: 66.291+/-0.333 χ^2/NDF:311.9/7

+ sign 67.931+/-0.288 χ^2/NDF: 3209.7/25

All: 67.657+/-0.203 χ^2/NDF: 7955.2/52

- sign 67.390+/-0.285 χ^2/NDF: 4743.6/26

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 6.154+/-0.272 χ^2/NDF:466.5/8

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

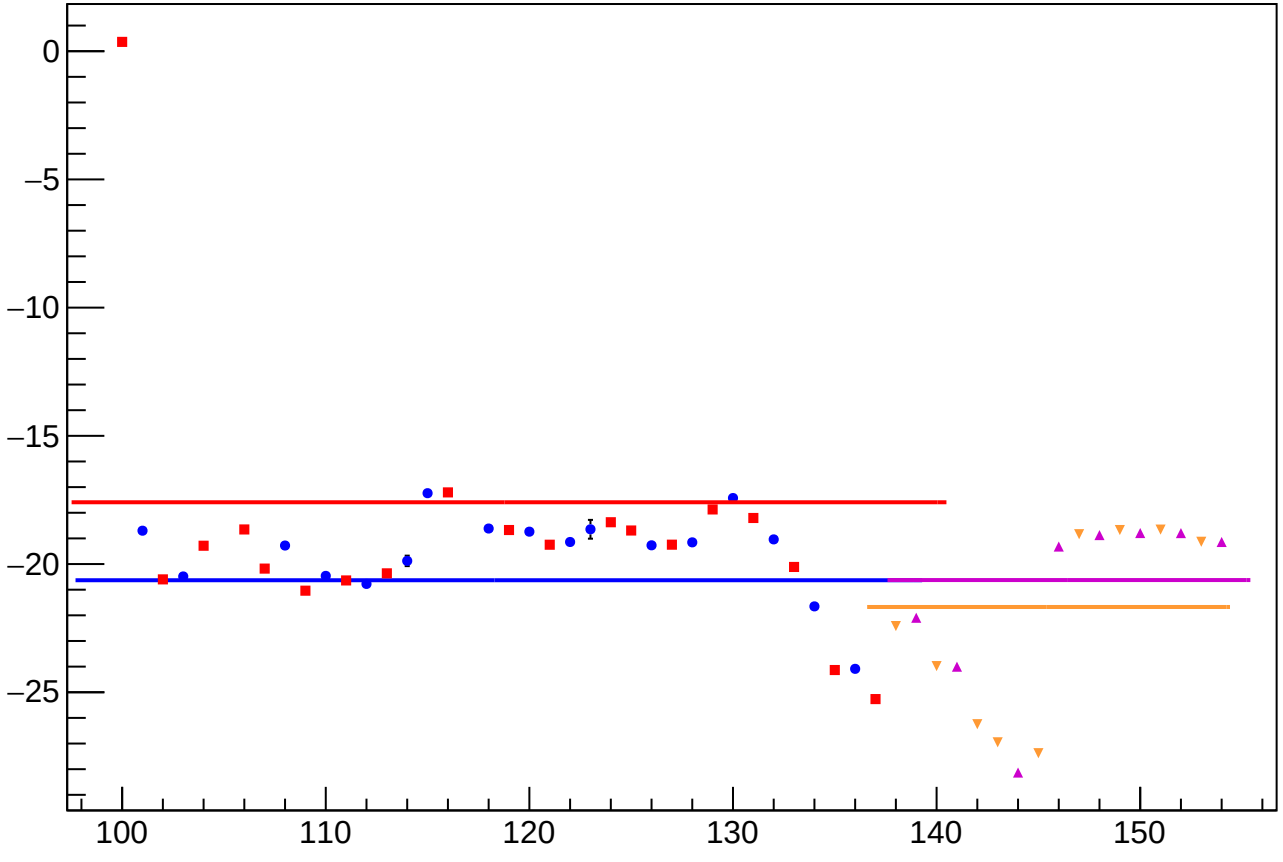
Left In: 5.583+/-0.279 χ^2/NDF:349.0/7

+ sign 5.892+/-0.217 χ^2/NDF: 855.0/25

All: 5.326+/-0.155 χ^2/NDF: 1668.9/52

- sign 4.732+/-0.222 χ^2/NDF: 799.9/26

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -21.675+/-0.014 χ^2/NDF:59177.8/8

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

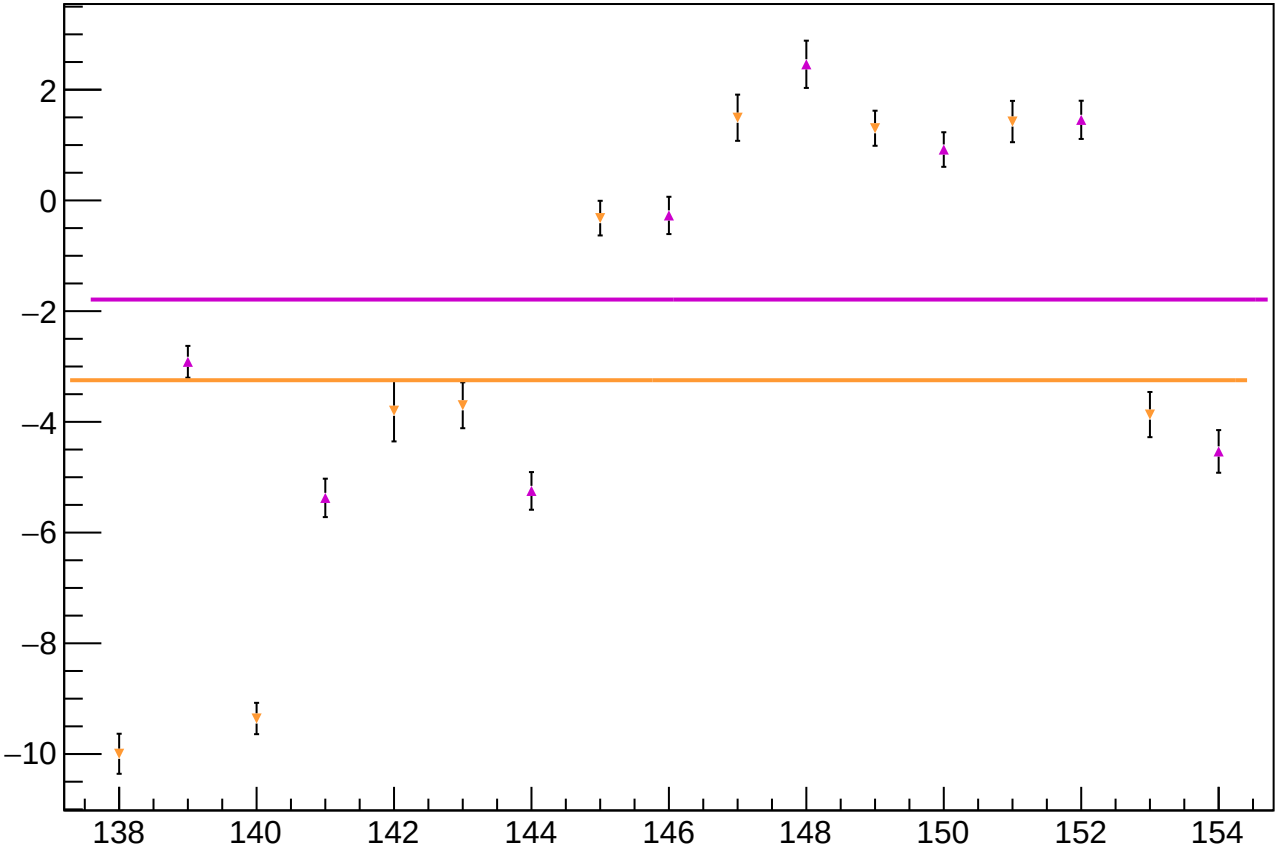
Left In: -20.624+/-0.014 χ^2/NDF:41913.2/7

+ sign -21.317+/-0.011 χ^2/NDF: 73631.1/25

All: -20.385+/-0.008 χ^2/NDF: 325416.7/52

- sign -19.523+/-0.011 χ^2/NDF: 238656.3/26

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -3.248+/-0.121 χ^2/NDF:1398.8/8

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

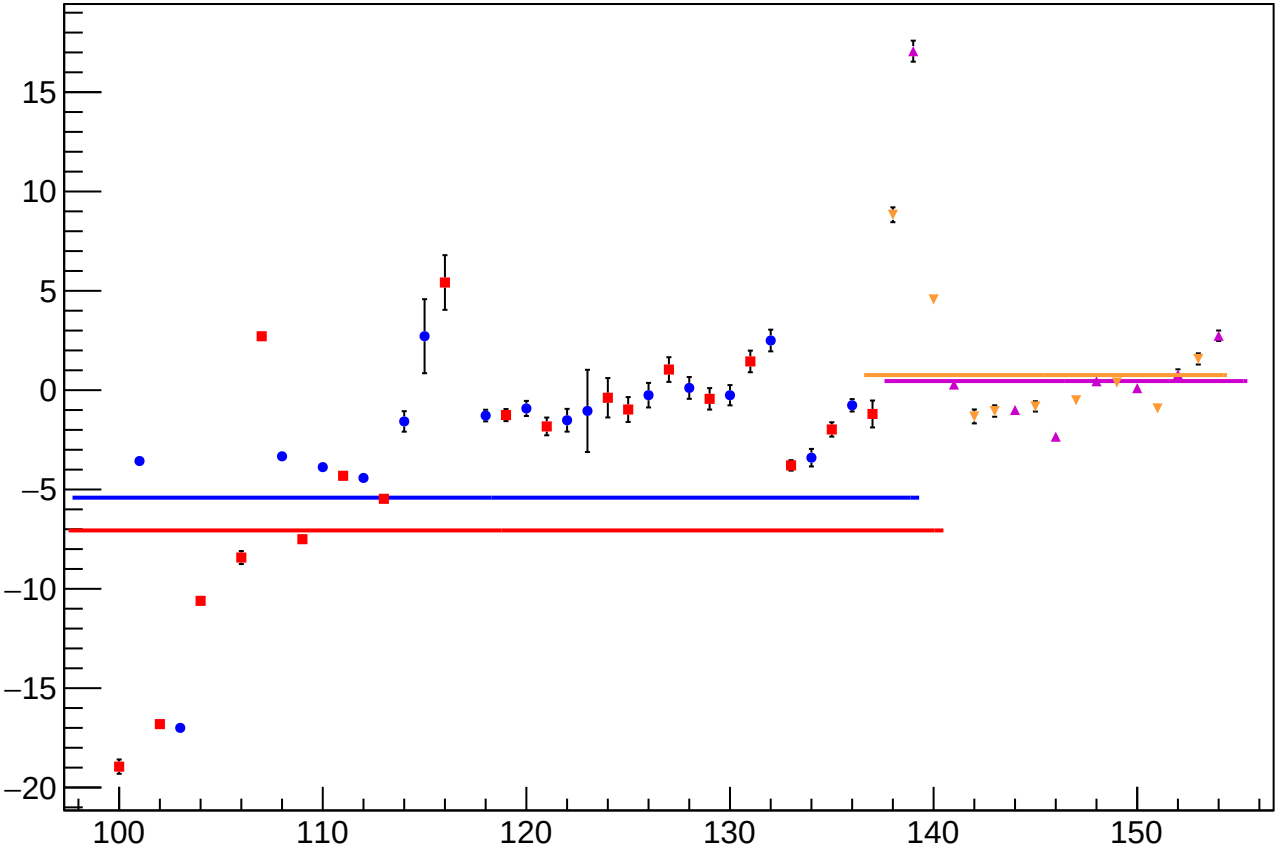
Left In: -1.791+/-0.121 χ^2/NDF:559.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.517+/-0.085 χ^2/NDF: 2030.5/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411+/-0.055 χ^2/NDF: 9261.2/16

Left Out: 0.760+/-0.084 χ^2/NDF:947.7/8

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

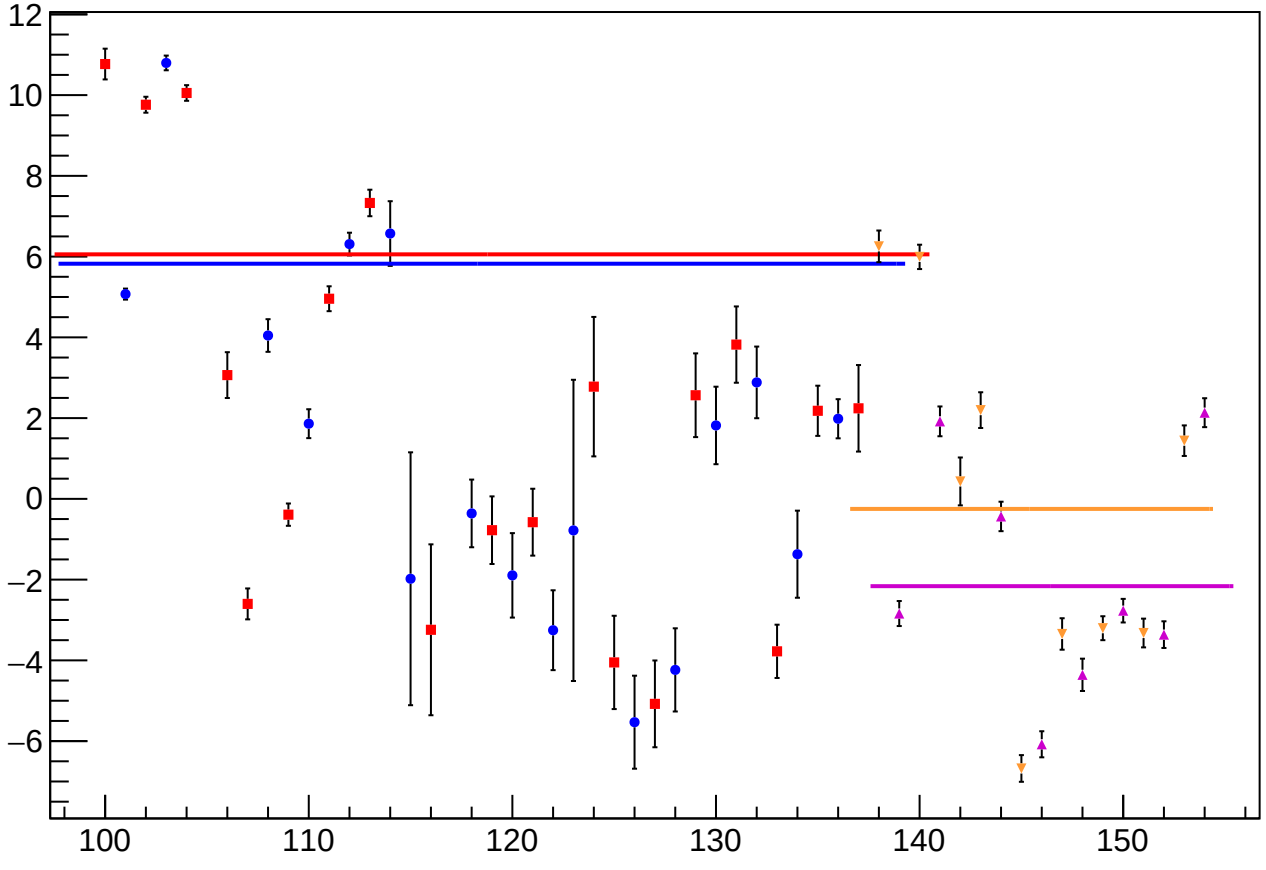
Left In: 0.458+/-0.087 χ^2/NDF:1272.6/7

+ sign -3.571+/-0.046 χ^2/NDF: 13998.3/25

All: -4.094+/-0.033 χ^2/NDF: 32995.5/52

- sign -4.687+/-0.049 χ^2/NDF: 18719.4/26

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: -0.249+/-0.122 χ^2/NDF:1370.5/8

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

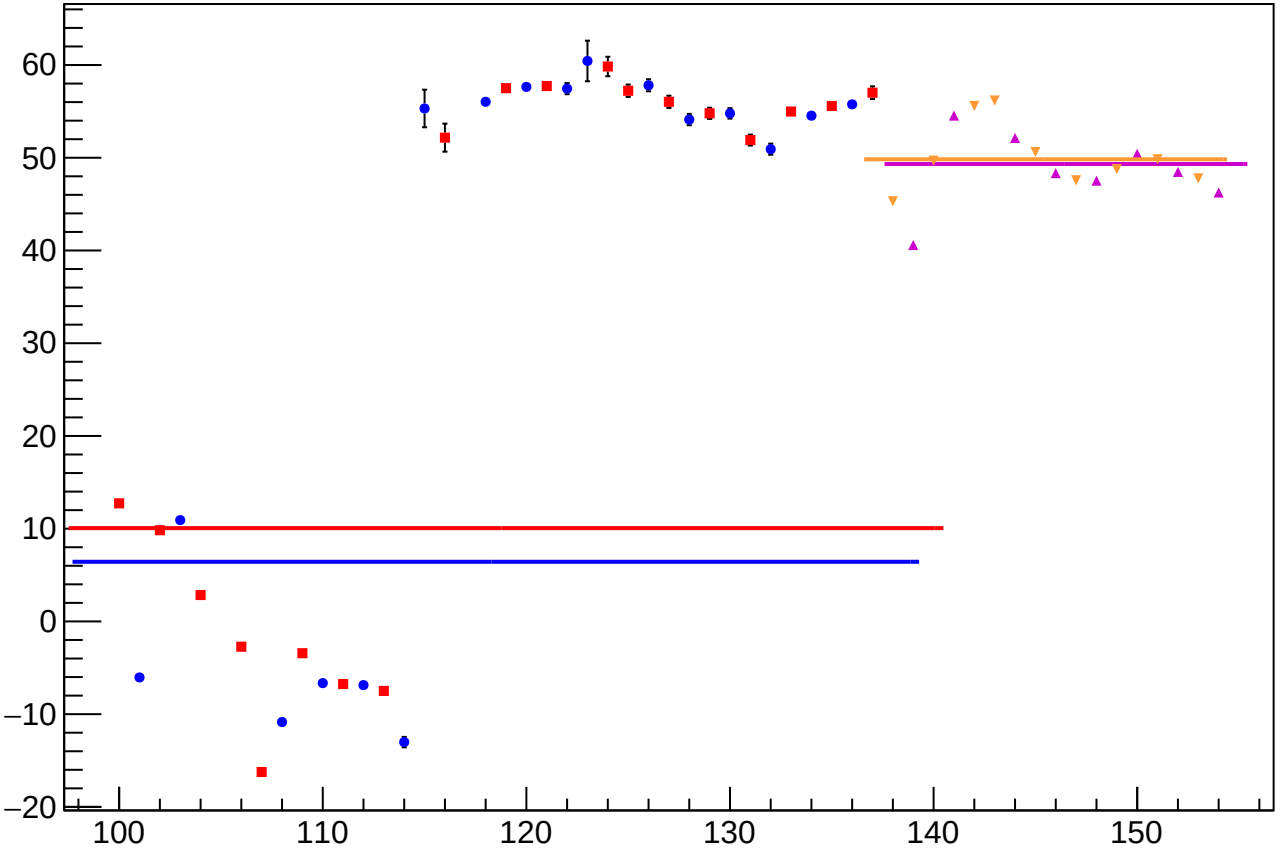
Left In: -2.162+/-0.120 χ^2/NDF:488.2/7

+ sign 3.691+/-0.072 χ^2/NDF: 4436.9/25

All: 3.328+/-0.052 χ^2/NDF: 10577.6/52

- sign 2.950+/-0.074 χ^2/NDF: 6088.9/26

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 49.835+/-0.102 χ^2/NDF:772.5/8

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

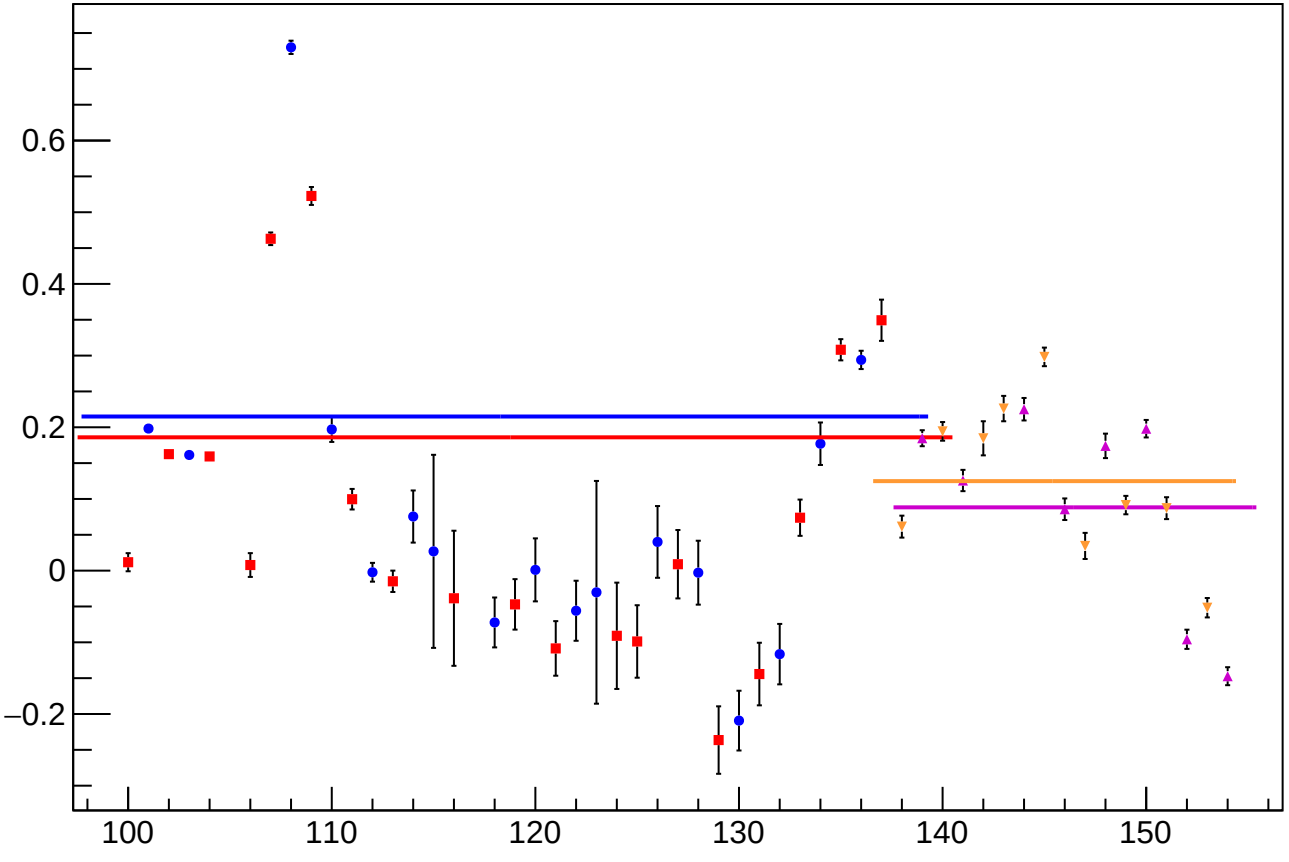
Left In: 49.325+/-0.105 χ^2/NDF:875.0/7

+ sign 18.811+/-0.055 χ^2/NDF: 252612.9/25

All: 20.365+/-0.040 χ^2/NDF: 474329.4/52

- sign 22.114+/-0.058 χ^2/NDF: 220001.8/26

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.125+/-0.005 χ^2/NDF:470.9/8

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

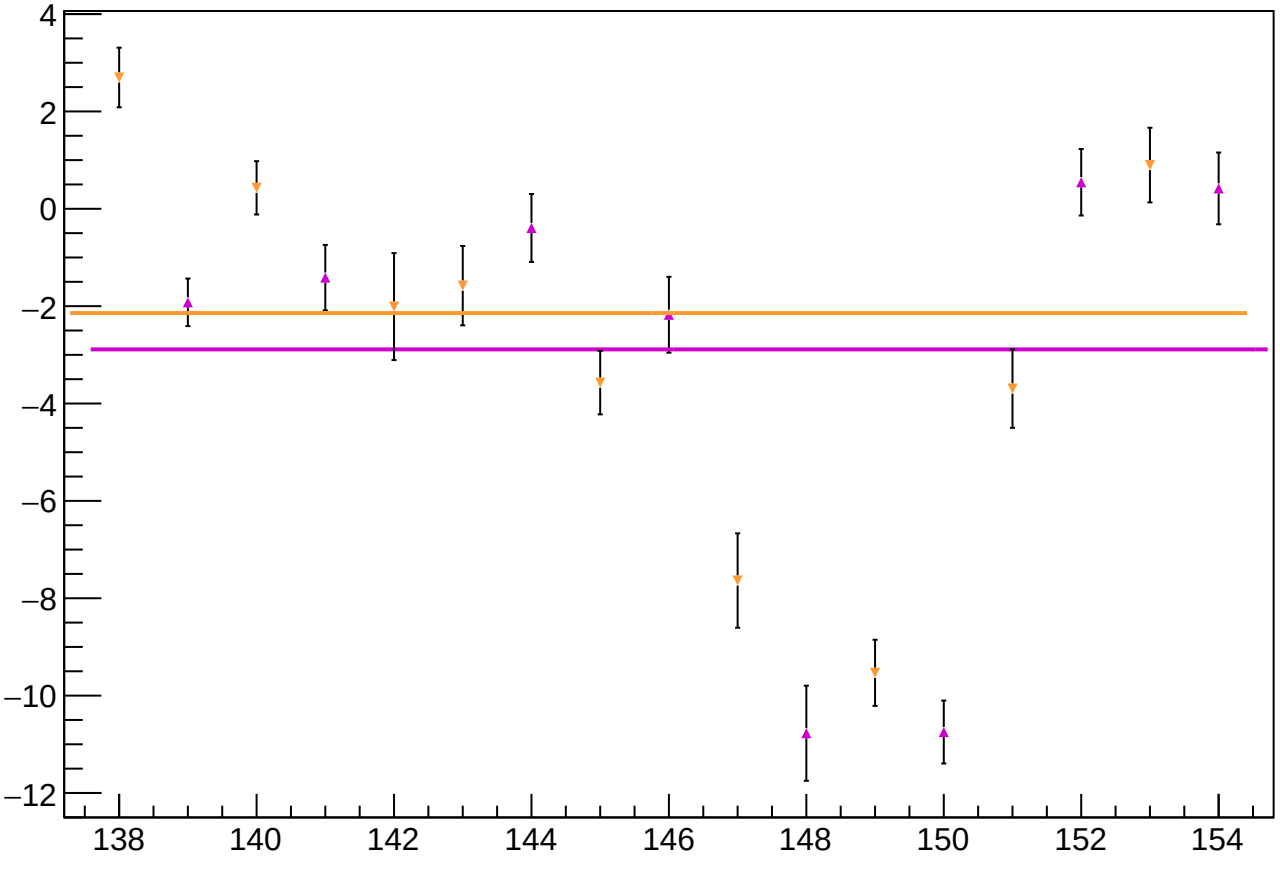
Left In: 0.088+/-0.005 χ^2/NDF:804.1/7

+ sign 0.194+/-0.002 χ^2/NDF: 4649.3/25

All: 0.178+/-0.002 χ^2/NDF: 8572.5/52

- sign 0.163+/-0.002 χ^2/NDF: 3838.1/26

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: -2.142+/-0.241 χ^2/NDF:259.9/8

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

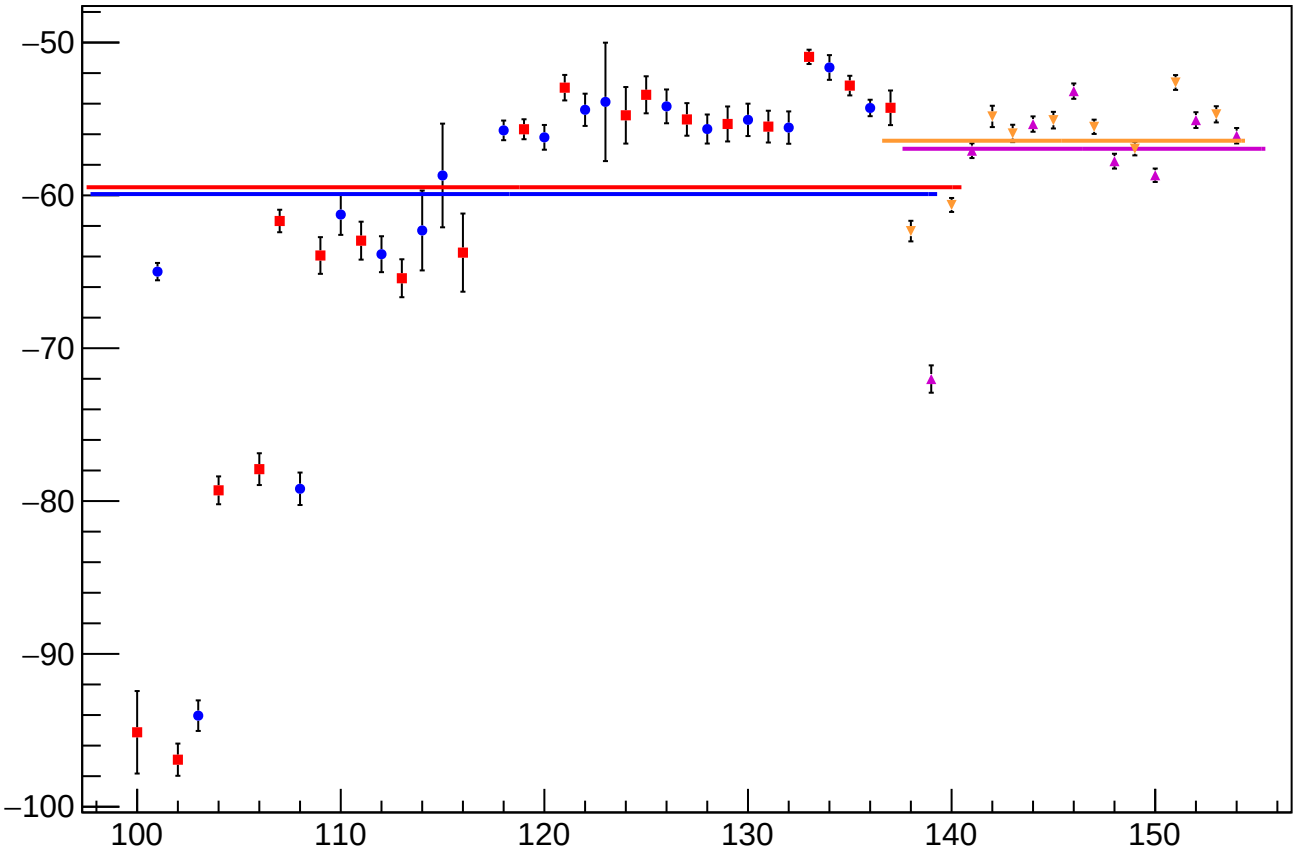
Left In: -2.888+/-0.239 χ^2/NDF:280.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.519+/-0.170 χ^2/NDF: 545.4/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914+/-0.223 χ^2/NDF: 1979.5/16

Left Out: -56.425+/-0.174 χ^2/NDF:251.1/8

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

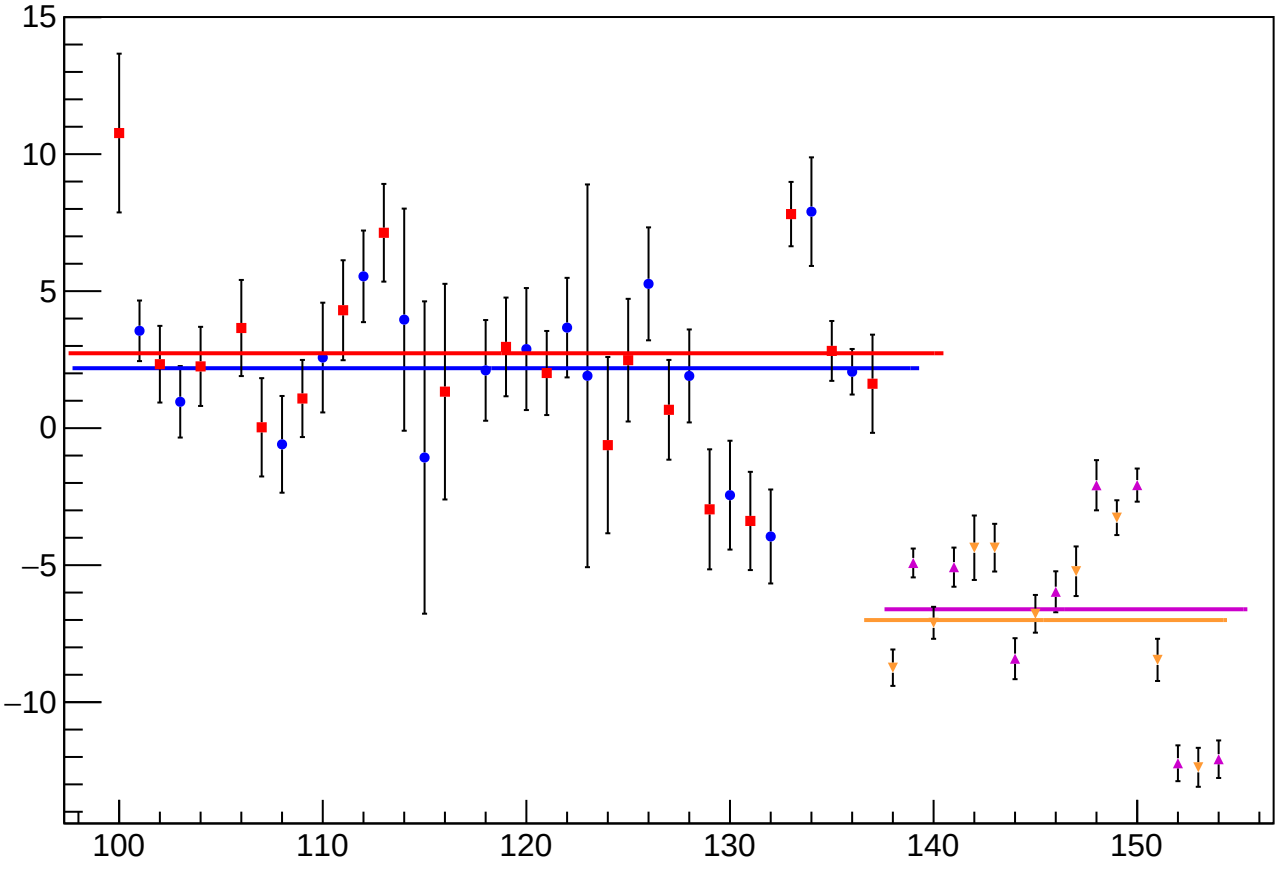
Left In: -56.951+/-0.181 χ^2/NDF:384.4/7

+ sign -57.744+/-0.137 χ^2/NDF: 2382.8/25

All: -57.877+/-0.097 χ^2/NDF: 5763.3/52

- sign -58.012+/-0.138 χ^2/NDF: 3378.6/26

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -7.004+/-0.245 χ^2/NDF:120.4/8

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

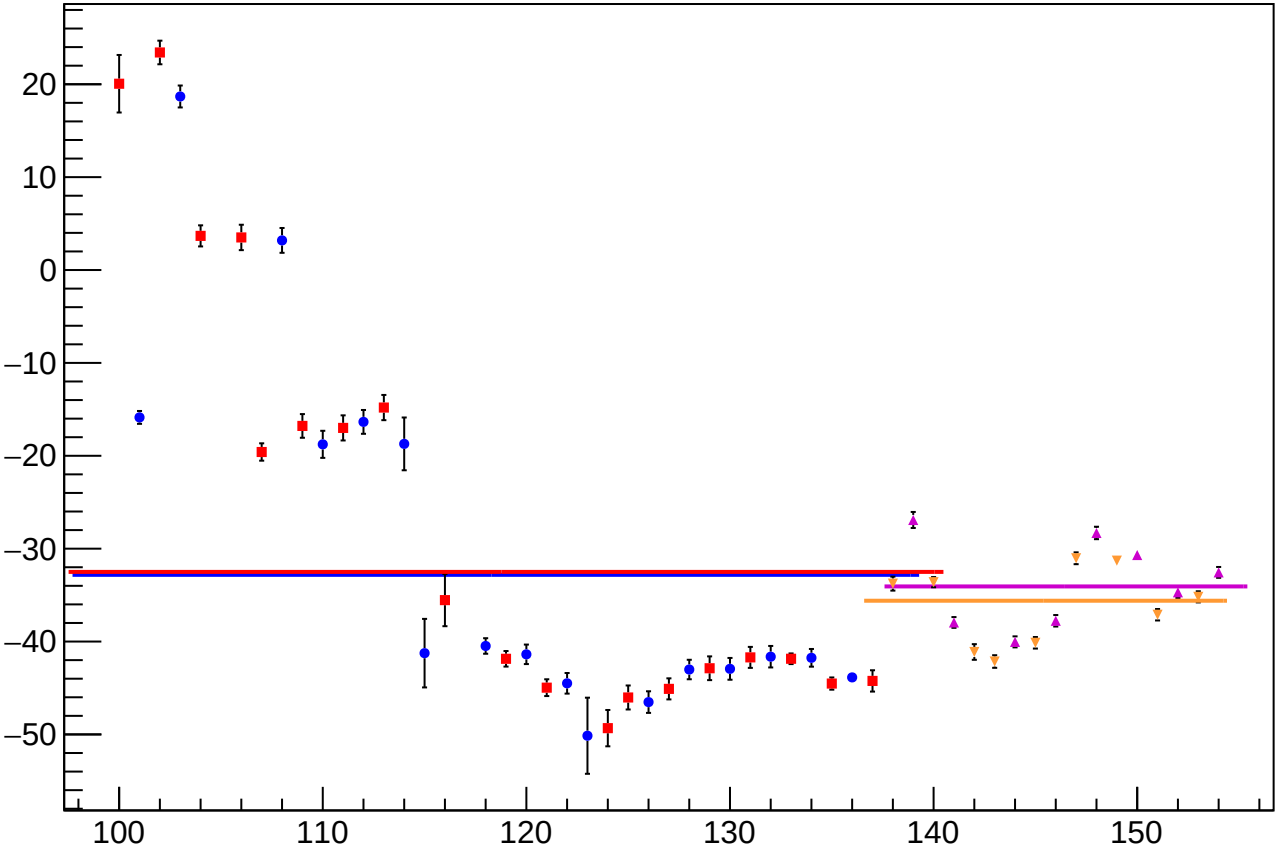
Left In: -6.610+/-0.239 χ^2/NDF:239.7/7

+ sign -4.540+/-0.209 χ^2/NDF: 538.2/25

All: -4.283+/-0.146 χ^2/NDF: 1260.9/52

- sign -4.040+/-0.203 χ^2/NDF: 719.8/26

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -35.605+/-0.210 χ^2/NDF:332.6/8

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

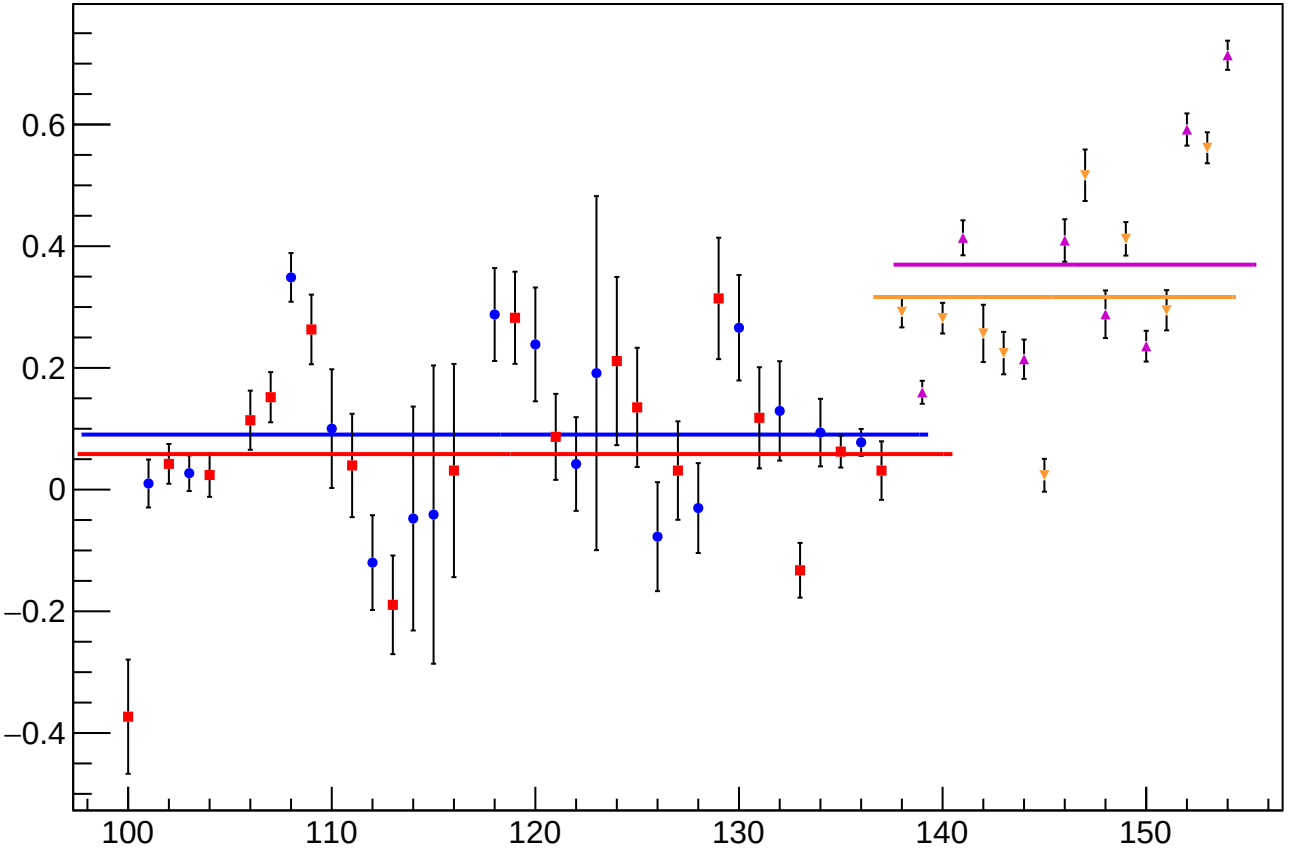
Left In: -34.066+/-0.216 χ^2/NDF:376.3/7

+ sign -34.473+/-0.162 χ^2/NDF: 5070.7/25

All: -33.925+/-0.114 χ^2/NDF: 11530.9/52

- sign -33.380+/-0.162 χ^2/NDF: 6437.3/26

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.317+/-0.010 χ^2/NDF:257.2/8

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

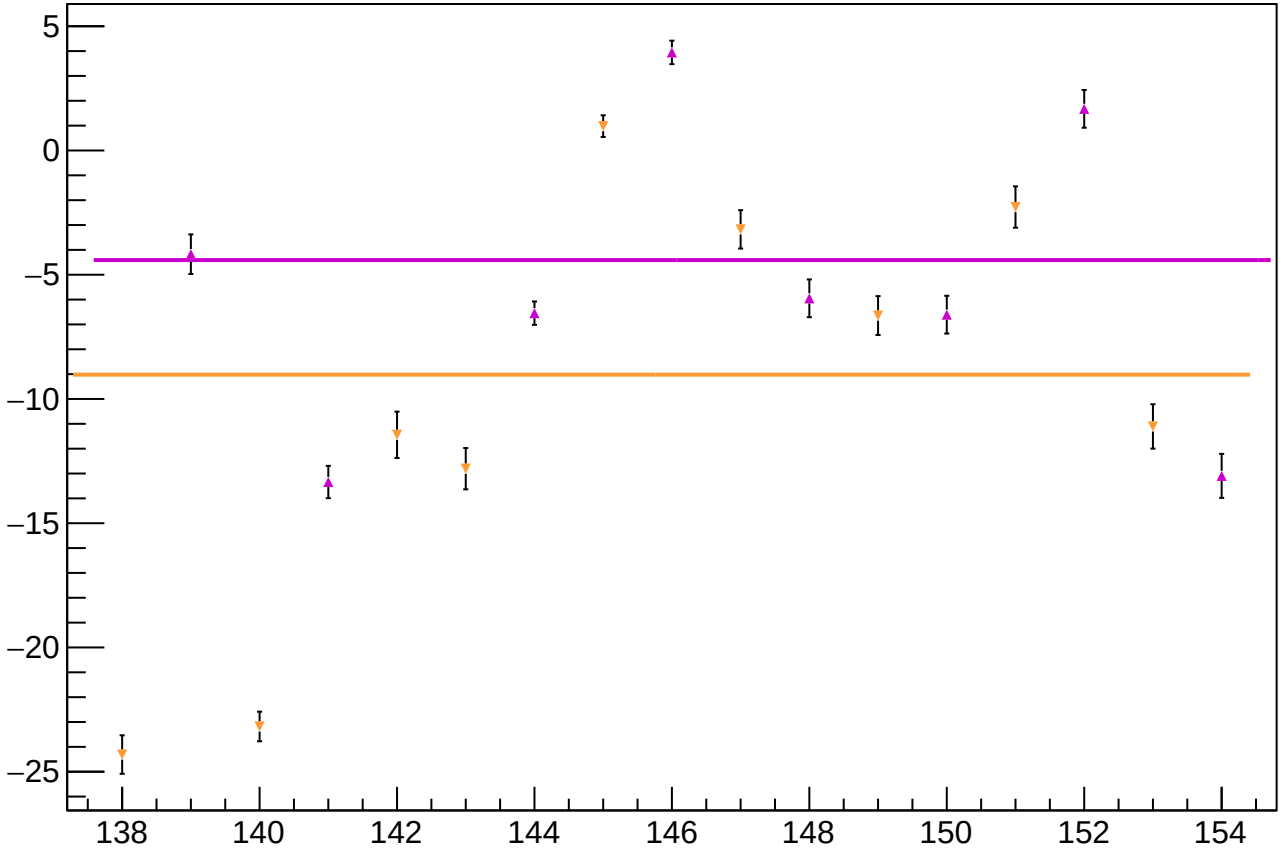
Left In: 0.370+/-0.009 χ^2/NDF:458.7/7

+ sign 0.231+/-0.008 χ^2/NDF: 532.3/25

All: 0.242+/-0.005 χ^2/NDF: 1491.2/52

- sign 0.252+/-0.007 χ^2/NDF: 955.0/26

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.021+/-0.233 χ^2/NDF:1644.0/8

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

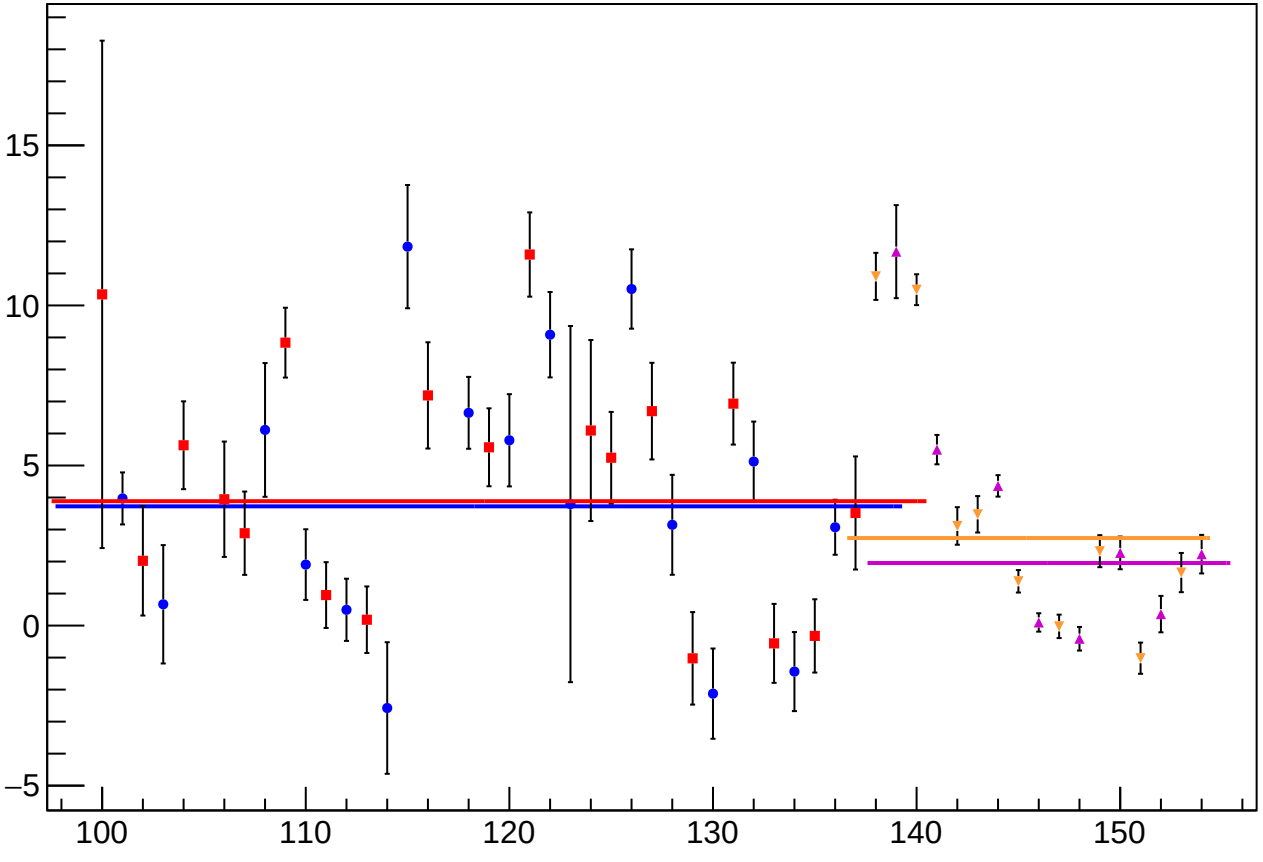
Left In: -4.410+/-0.227 χ^2/NDF:695.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.651+/-0.163 χ^2/NDF: 2539.7/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725+/-0.308 χ^2/NDF: 136.8/16

Left Out: 2.734+/-0.161 χ^2/NDF:519.1/8

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

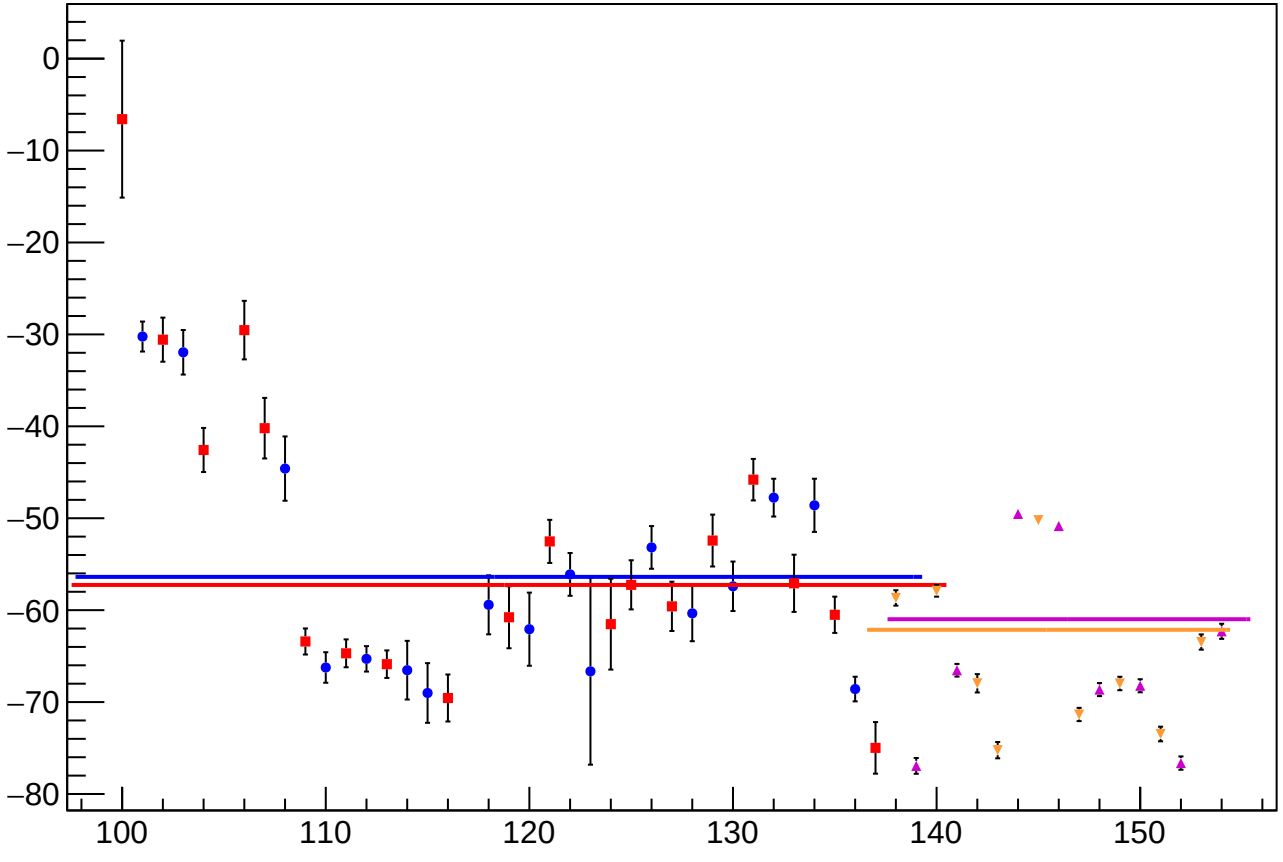
Left In: 1.954+/-0.152 χ^2/NDF:247.3/7

+ sign 2.946+/-0.143 χ^2/NDF: 664.0/25

All: 2.619+/-0.099 χ^2/NDF: 1086.1/52

- sign 2.317+/-0.137 χ^2/NDF: 412.0/26

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -62.139+/-0.238 χ^2/NDF:1407.2/8

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

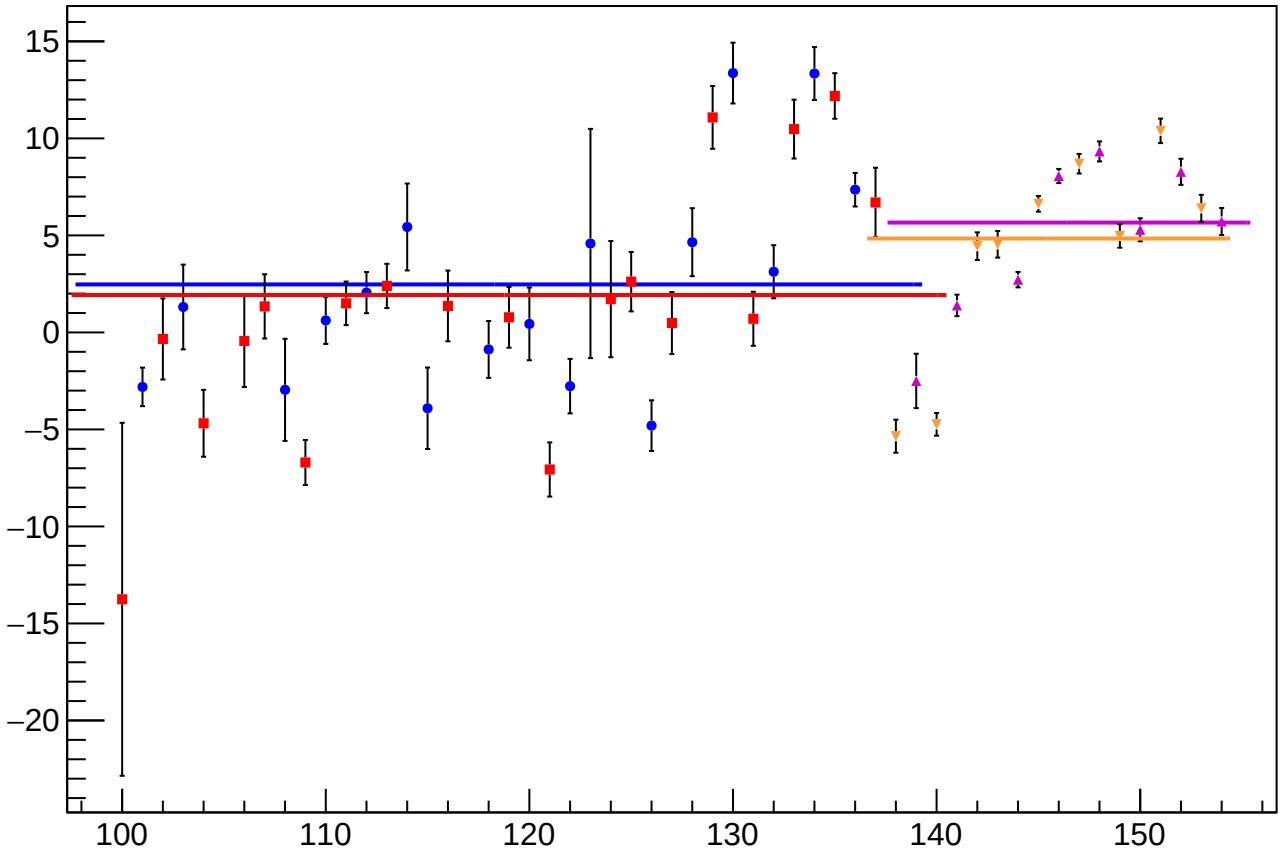
Left In: -60.986+/-0.226 χ^2/NDF:2108.1/7

+ sign -61.207+/-0.218 χ^2/NDF: 2089.2/25

All: -60.797+/-0.151 χ^2/NDF: 4721.3/52

- sign -60.422+/-0.208 χ^2/NDF: 2625.3/26

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 4.840+/-0.197 χ^2/NDF:572.1/8

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

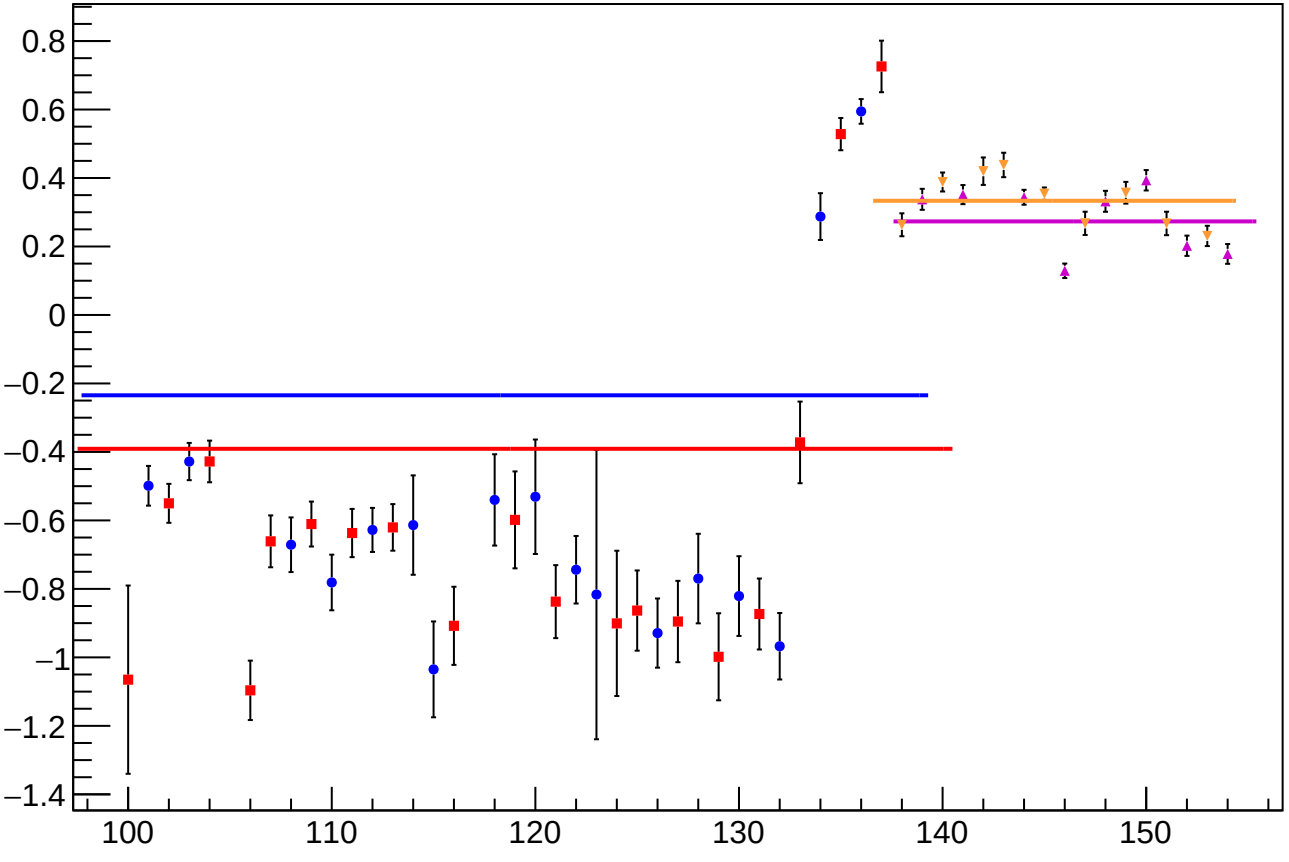
Left In: 5.662+/-0.187 χ^2/NDF:257.2/7

+ sign 4.258+/-0.171 χ^2/NDF: 851.1/25

All: 4.562+/-0.119 χ^2/NDF: 1467.6/52

- sign 4.847+/-0.166 χ^2/NDF: 610.4/26

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.333+/-0.010 χ^2/NDF:42.9/8

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

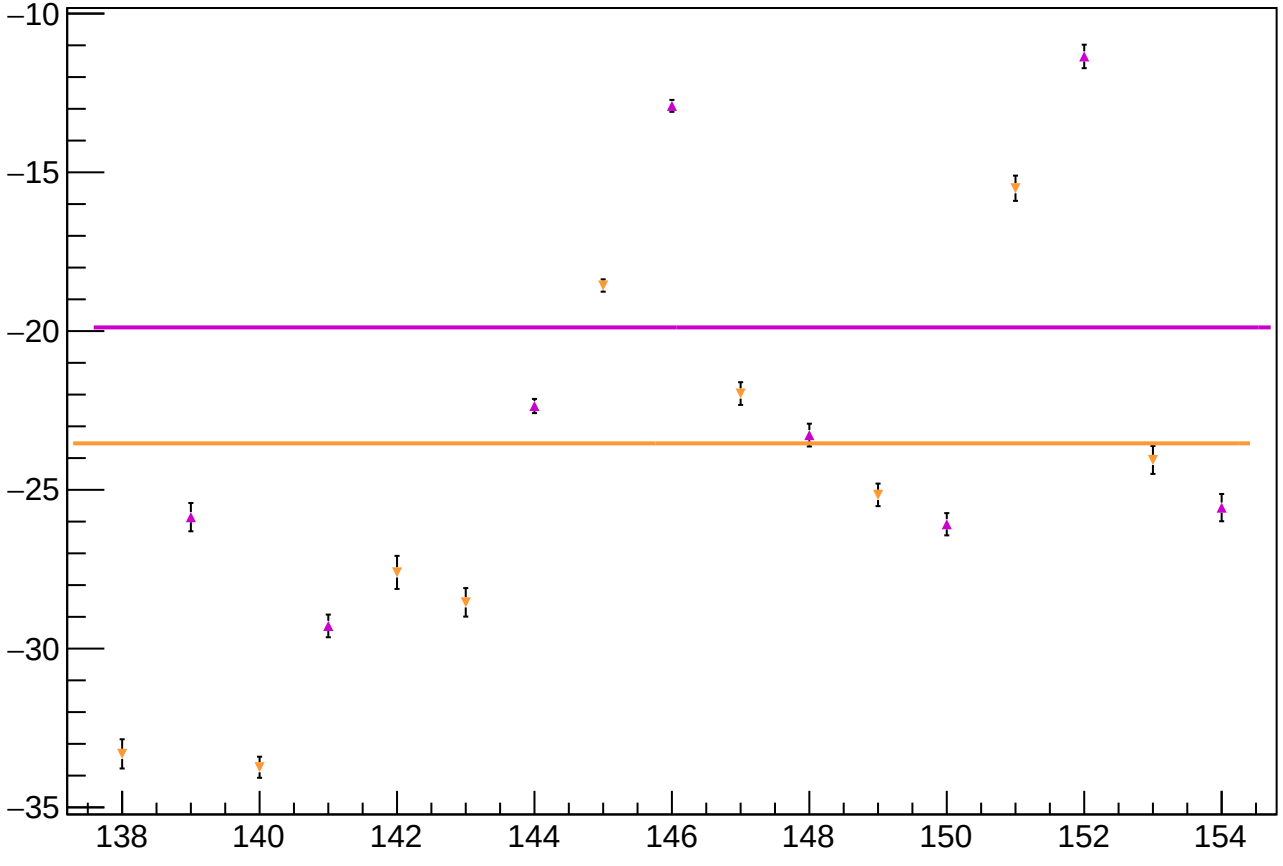
Left In: 0.273+/-0.009 χ^2/NDF:105.7/7

+ sign 0.213+/-0.009 χ^2/NDF: 1715.8/25

All: 0.176+/-0.006 χ^2/NDF: 3693.7/52

- sign 0.141+/-0.008 χ^2/NDF: 1942.5/26

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -23.536+/-0.115 χ^2/NDF:2682.4/8

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

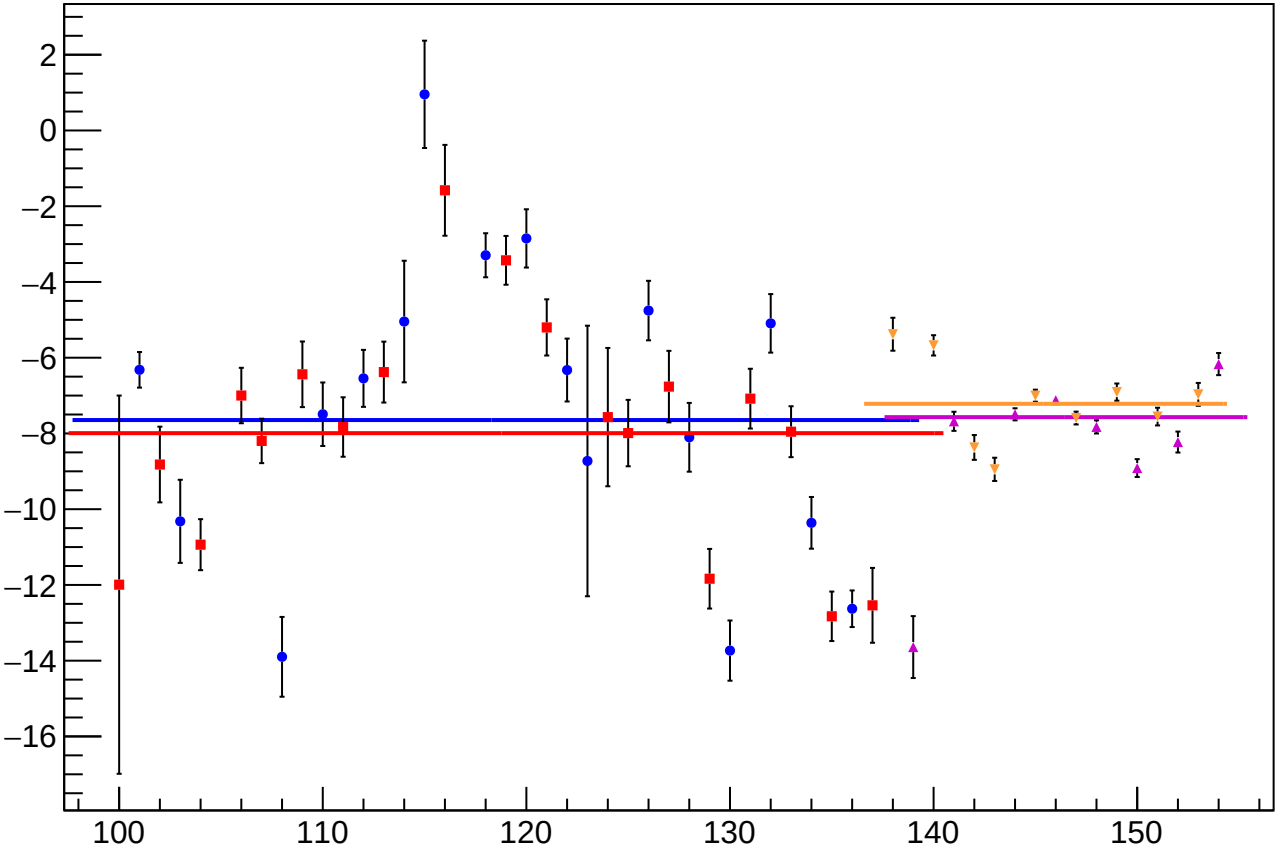
Left In: -19.885+/-0.105 χ^2/NDF:3491.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.556+/-0.078 χ^2/NDF: 6723.8/16

- 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: -7.218+/-0.079 χ^2/NDF:106.5/8

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

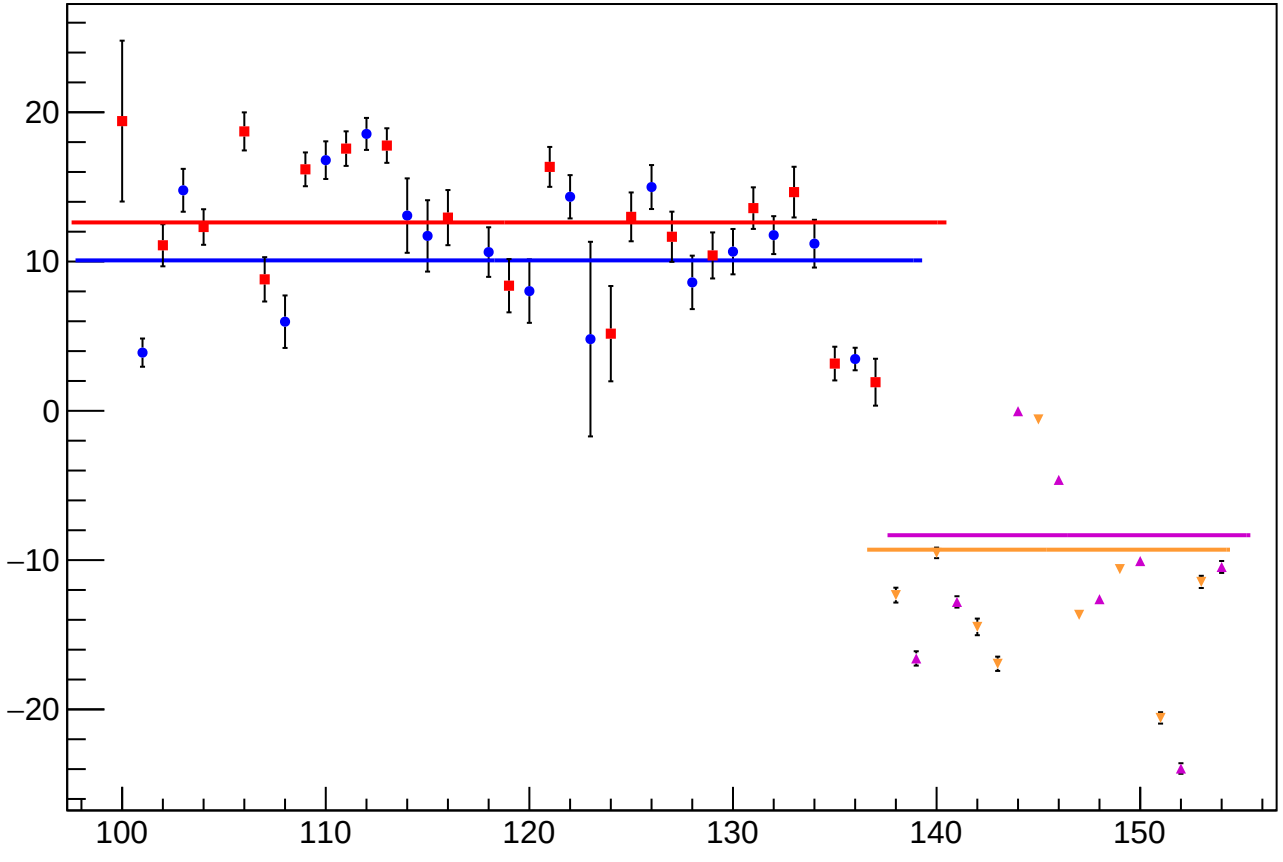
Left In: -7.570+/-0.070 χ^2/NDF:133.6/7

+ sign -7.283+/-0.072 χ^2/NDF: 504.7/25

All: -7.470+/-0.048 χ^2/NDF: 880.3/52

- sign -7.622+/-0.065 χ^2/NDF: 363.6/26

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -9.301+/-0.116 χ^2/NDF:3262.1/8

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

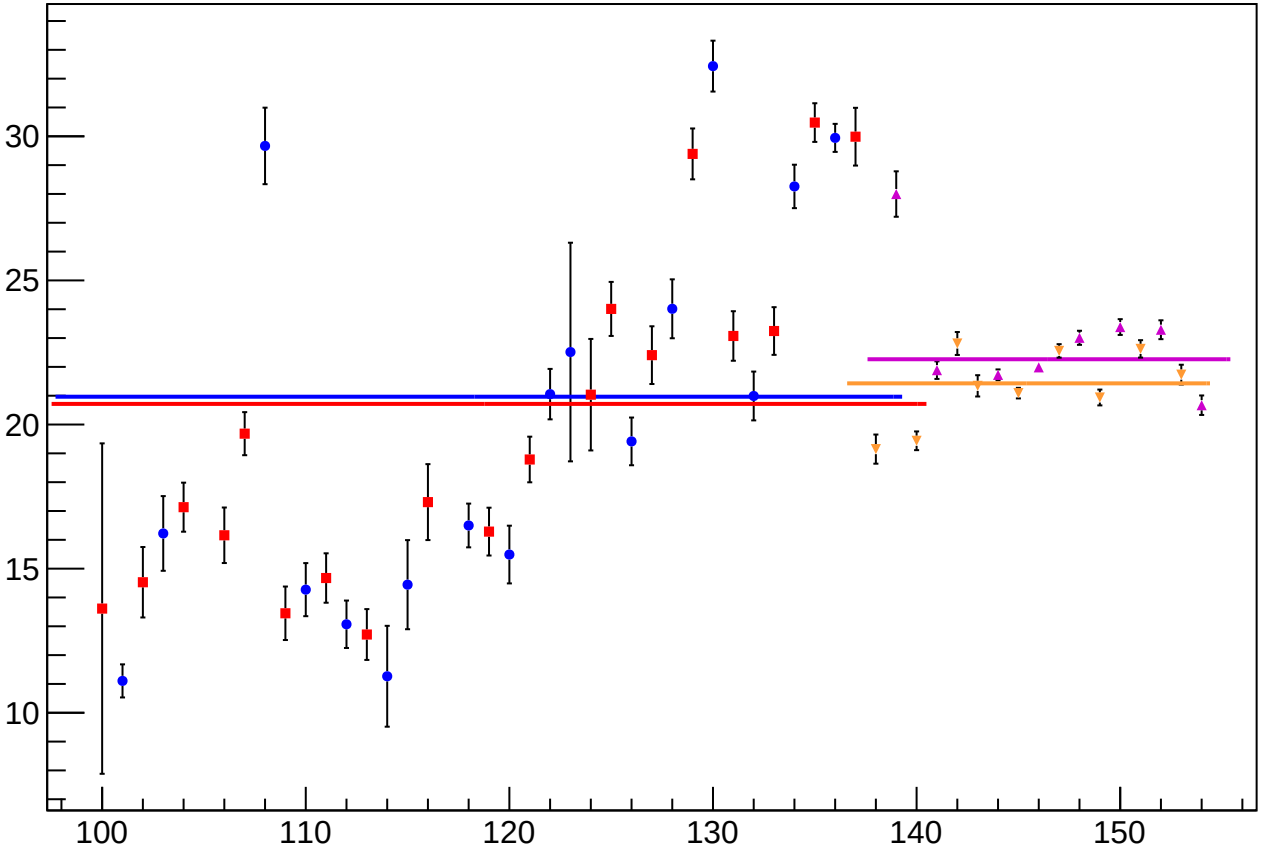
Left In: -8.332+/-0.104 χ^2/NDF:4227.6/7

+ sign -7.240+/-0.110 χ^2/NDF: 6473.8/25

All: -6.809+/-0.074 χ^2/NDF: 14565.7/52

- sign -6.454+/-0.100 χ^2/NDF: 8063.9/26

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 21.428+/-0.096 χ^2/NDF:116.4/8

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

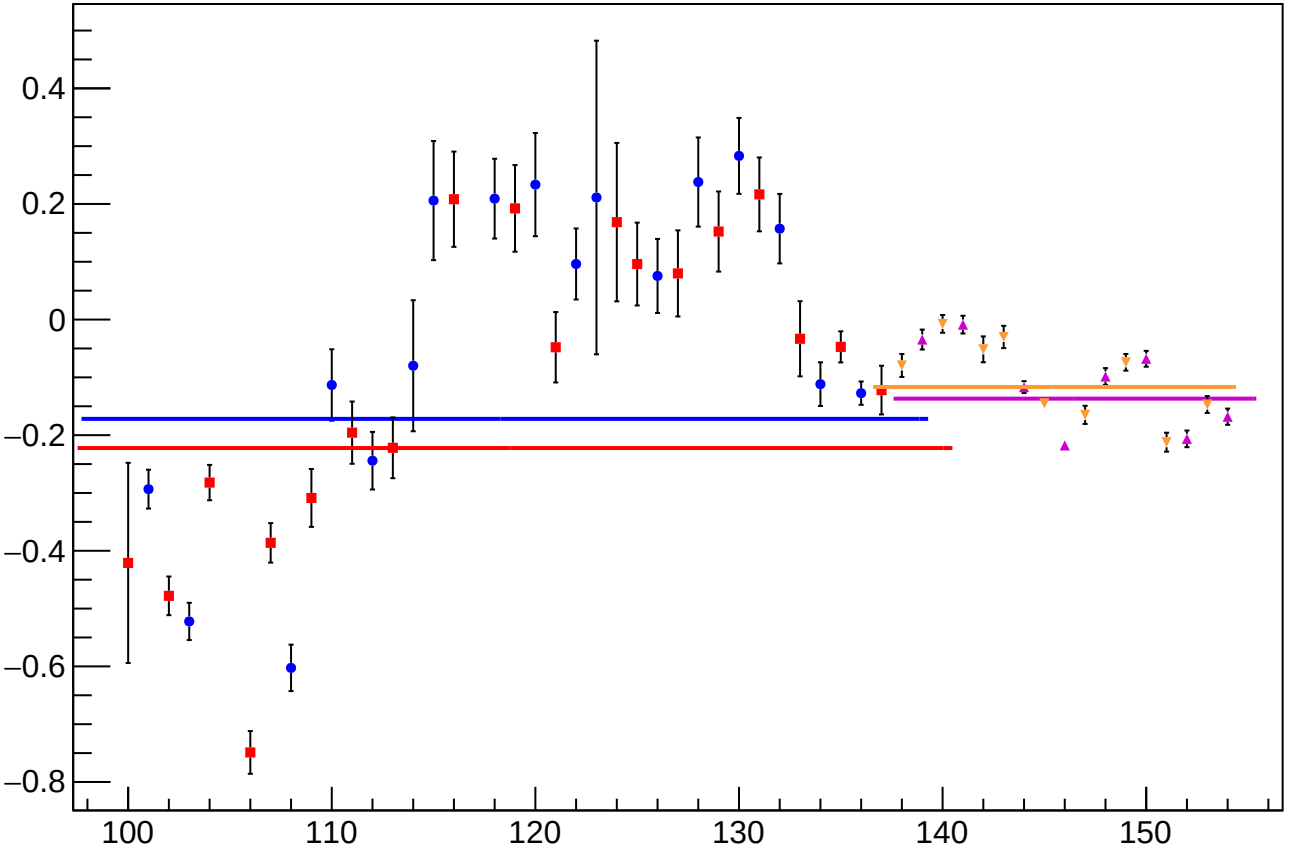
Left In: 22.265+/-0.086 χ^2/NDF:124.3/7

+ sign 21.347+/-0.088 χ^2/NDF: 1345.9/25

All: 21.729+/-0.059 χ^2/NDF: 2280.5/52

- sign 22.047+/-0.080 χ^2/NDF: 899.8/26

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.117+/-0.005 χ^2/NDF:151.0/8

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

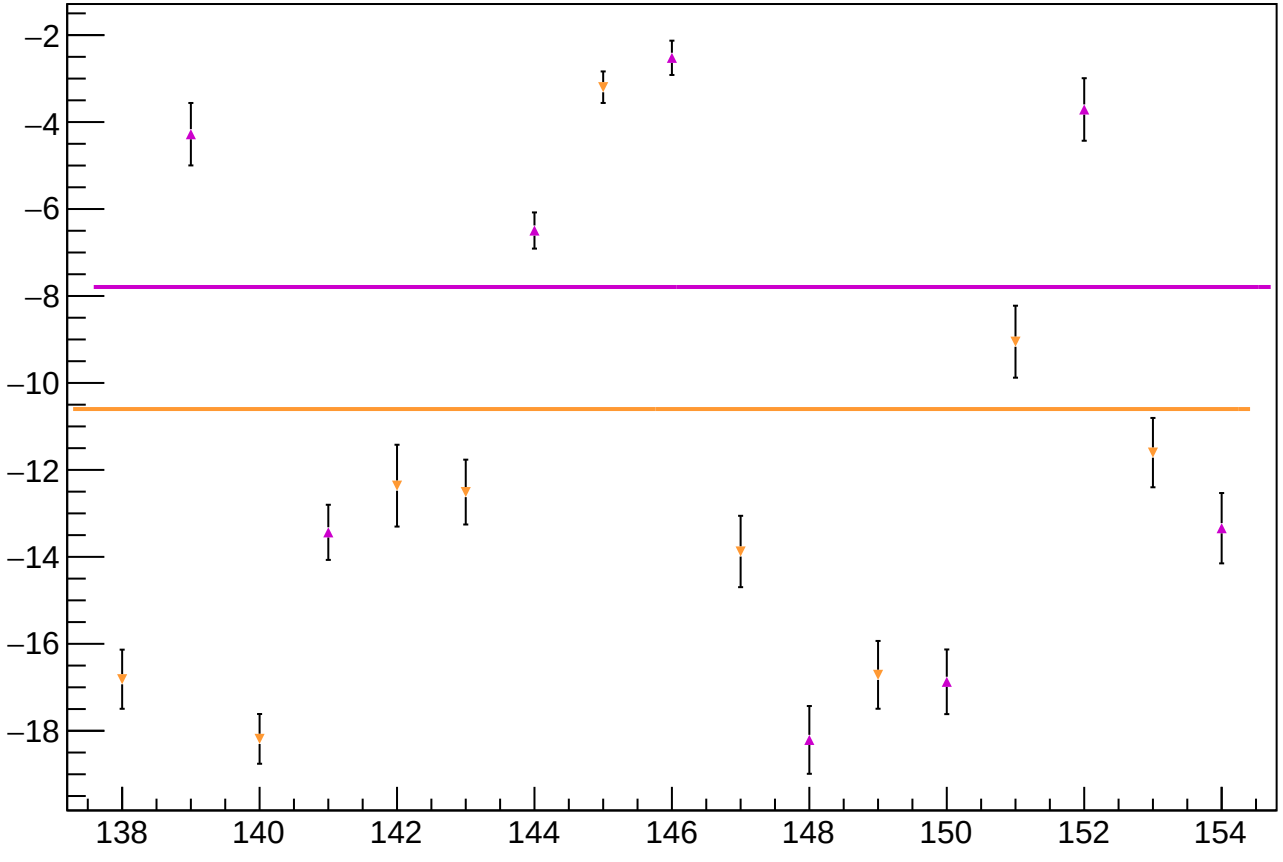
Left In: -0.137+/-0.004 χ^2/NDF:261.0/7

+ sign -0.125+/-0.004 χ^2/NDF: 635.7/25

All: -0.138+/-0.003 χ^2/NDF: 1500.8/52

- sign -0.149+/-0.004 χ^2/NDF: 849.5/26

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.600+/-0.214 χ^2/NDF:768.4/8

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

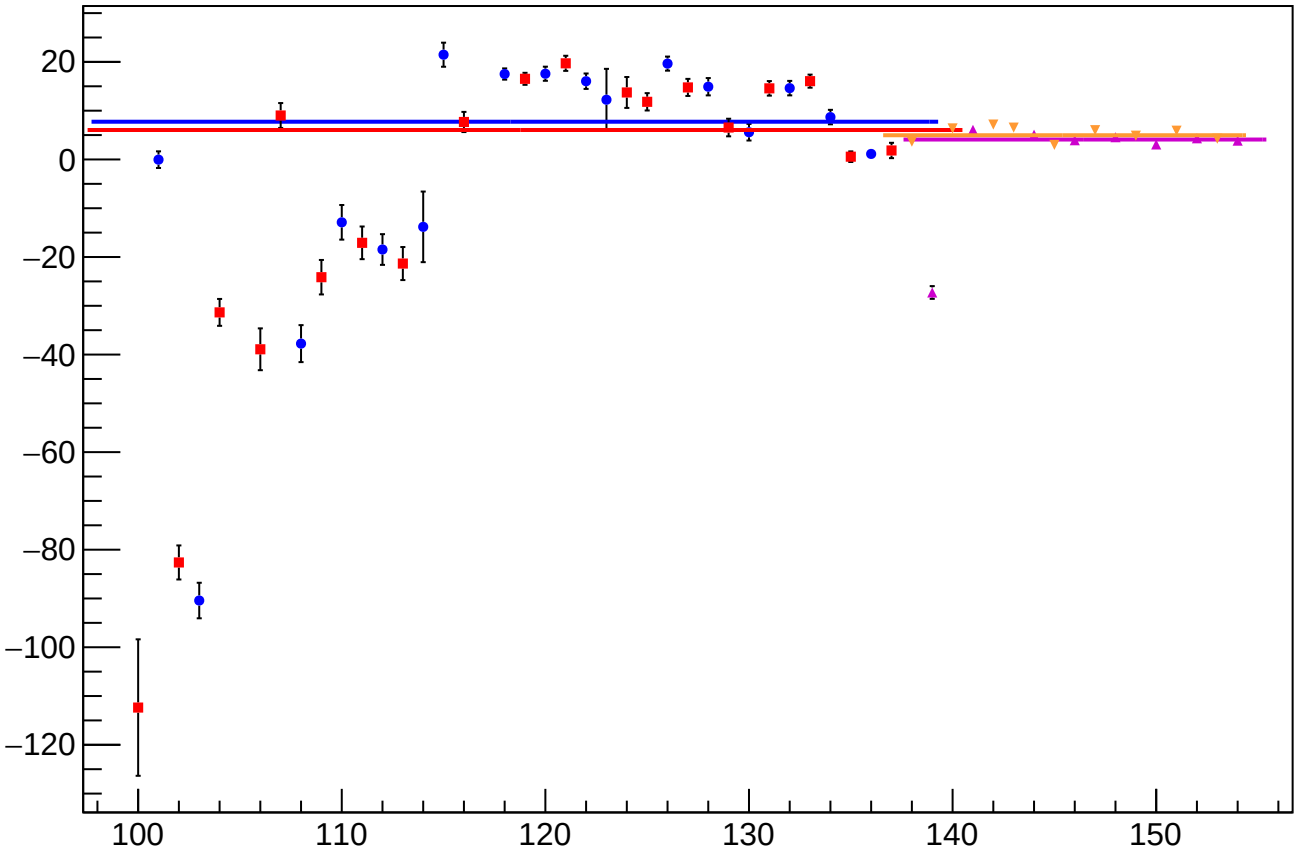
Left In: -7.793+/-0.206 χ^2/NDF:698.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -9.146+/-0.148 χ^2/NDF: 1556.3/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 4.964+/-0.151 χ^2/NDF:96.0/8

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

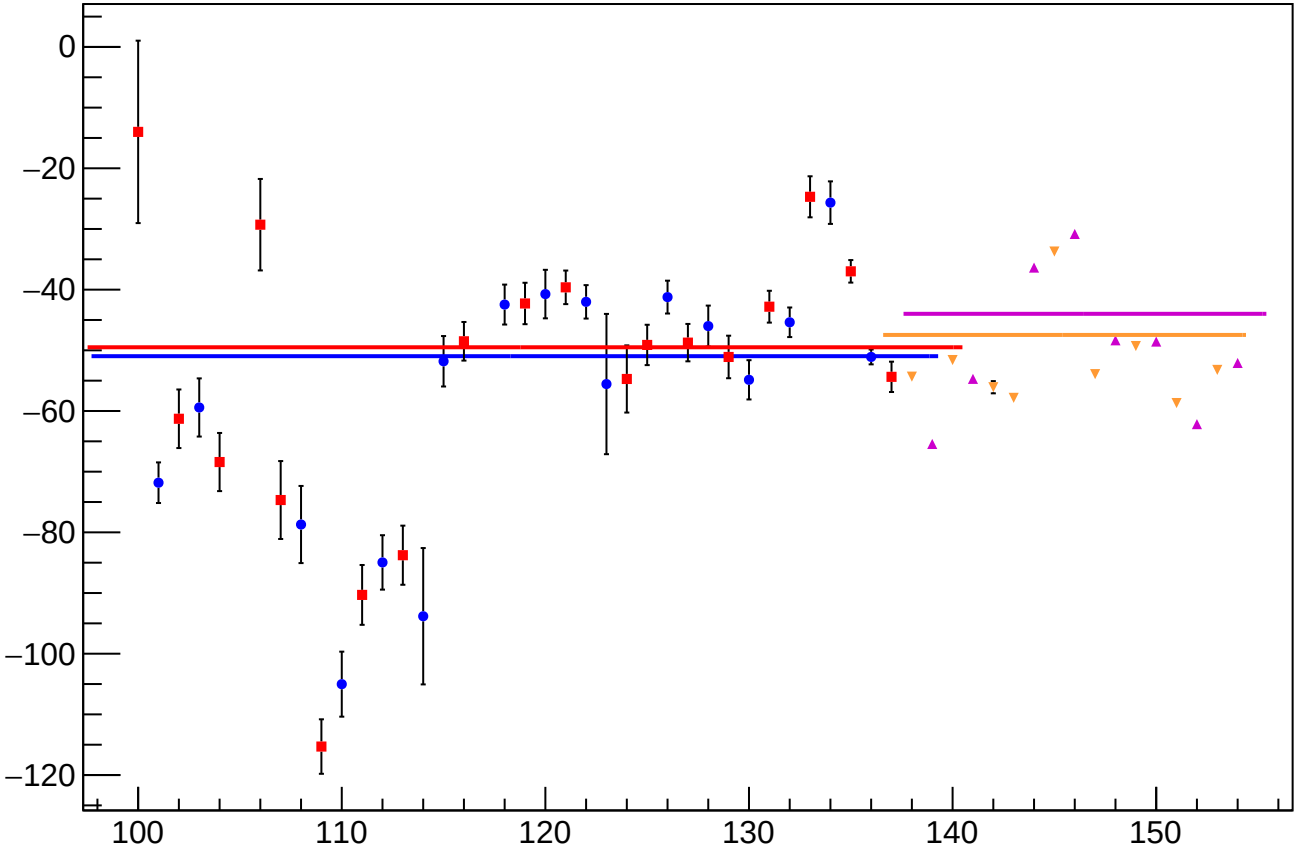
Left In: 4.084+/-0.141 χ^2/NDF:612.7/7

+ sign 5.305+/-0.141 χ^2/NDF: 1495.9/25

All: 4.761+/-0.097 χ^2/NDF: 3667.4/52

- sign 4.270+/-0.134 χ^2/NDF: 2143.2/26

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -47.464+/-0.219 χ^2/NDF:1972.9/8

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

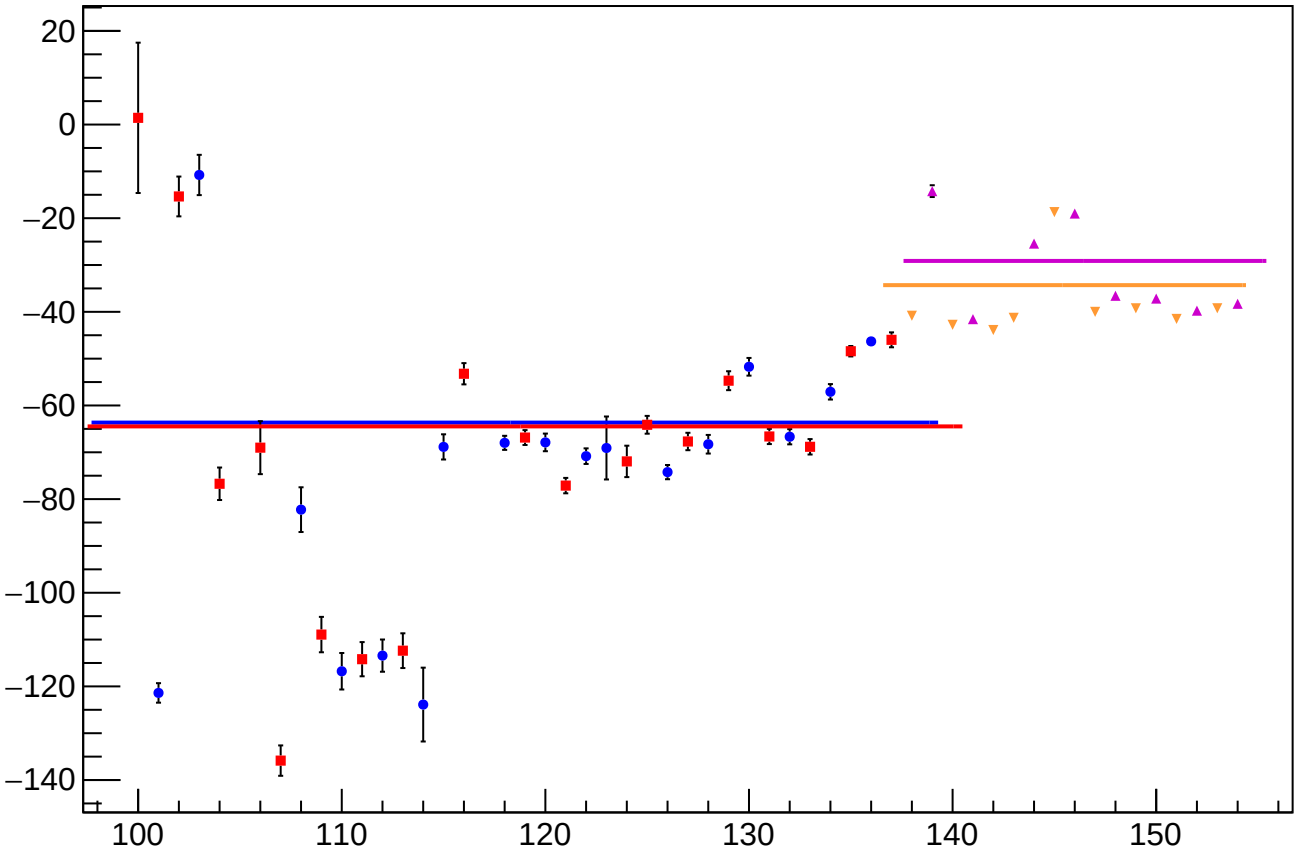
Left In: -43.983+/-0.206 χ^2/NDF:3401.9/7

+ sign -47.749+/-0.210 χ^2/NDF: 2326.2/25

All: -45.945+/-0.145 χ^2/NDF: 6422.8/52

- sign -44.327+/-0.199 χ^2/NDF: 3957.1/26

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -34.299+/-0.183 χ^2/NDF:3166.3/8

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

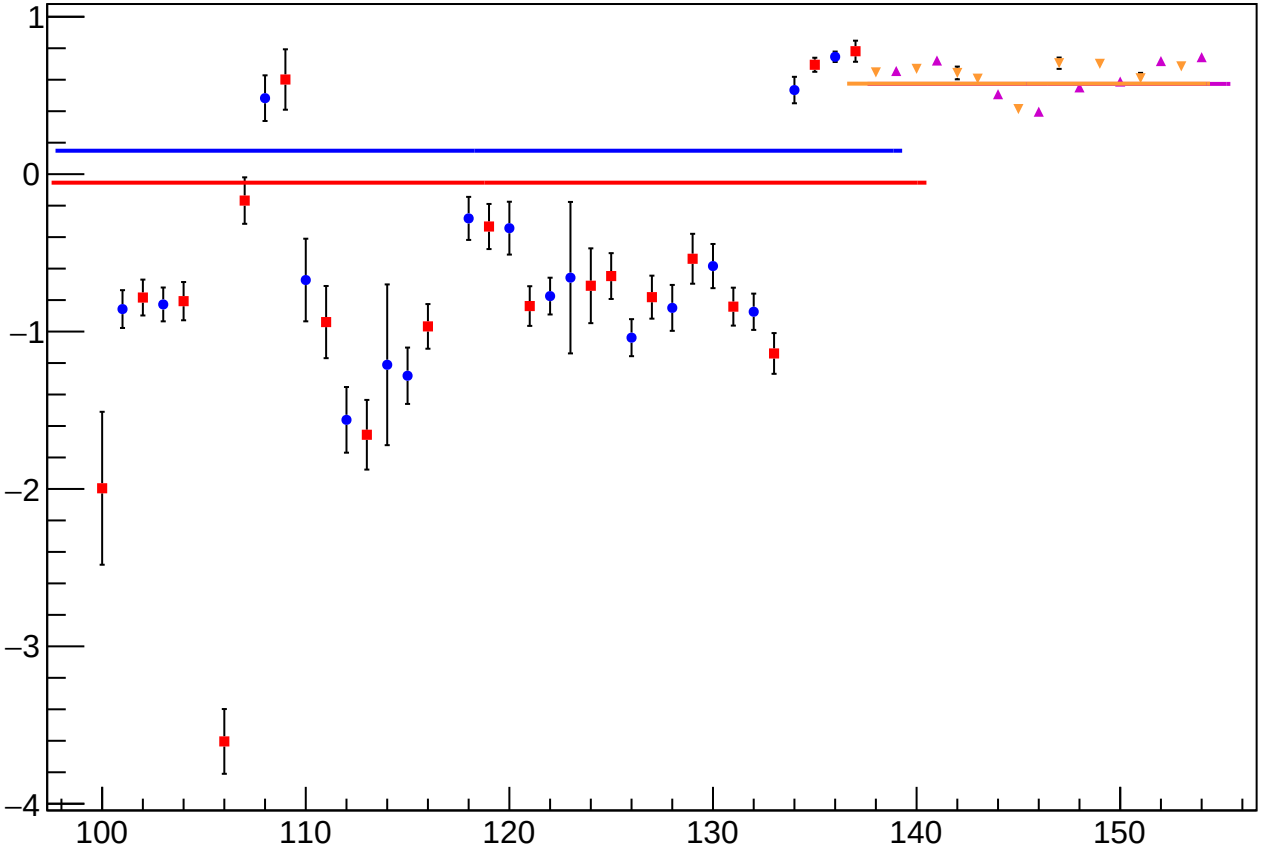
Left In: -29.127+/-0.172 χ^2/NDF:2684.9/7

+ sign -38.543+/-0.169 χ^2/NDF: 8898.0/25

All: -35.720+/-0.117 χ^2/NDF: 18481.1/52

- sign -33.127+/-0.162 χ^2/NDF: 9050.0/26

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.575+/-0.009 χ^2/NDF:182.2/8

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

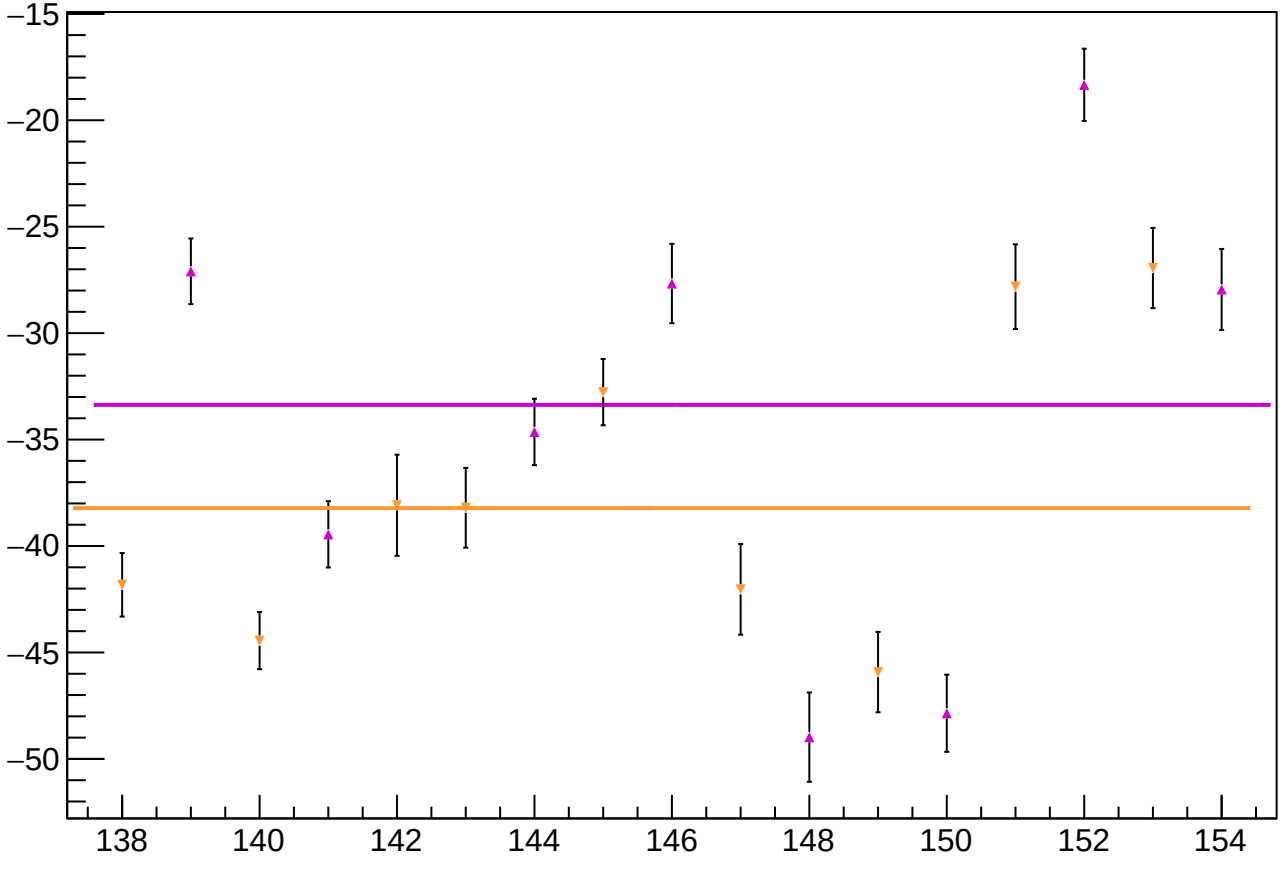
Left In: 0.573+/-0.009 χ^2/NDF:216.7/7

+ sign 0.523+/-0.008 χ^2/NDF: 1449.6/25

All: 0.518+/-0.006 χ^2/NDF: 3352.7/52

- sign 0.512+/-0.008 χ^2/NDF: 1902.1/26

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -38.218+/-0.586 χ^2/NDF:122.7/8

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

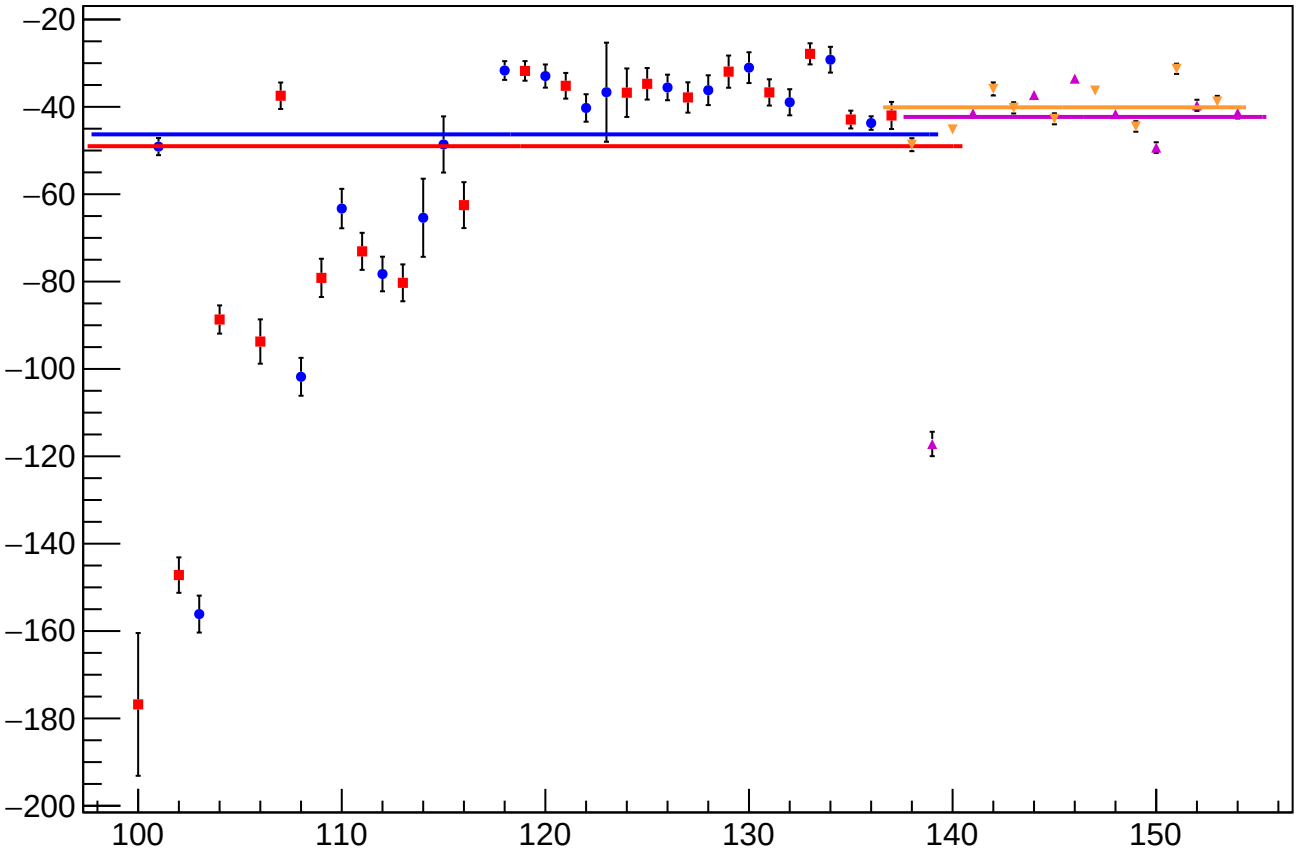
Left In: -33.370+/-0.610 χ^2/NDF:247.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -35.893+/-0.423 χ^2/NDF: 403.0/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300+/-0.723 χ^2/NDF: 1084.0/16

Left Out: -40.107+/-0.411 χ^2/NDF:151.4/8

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

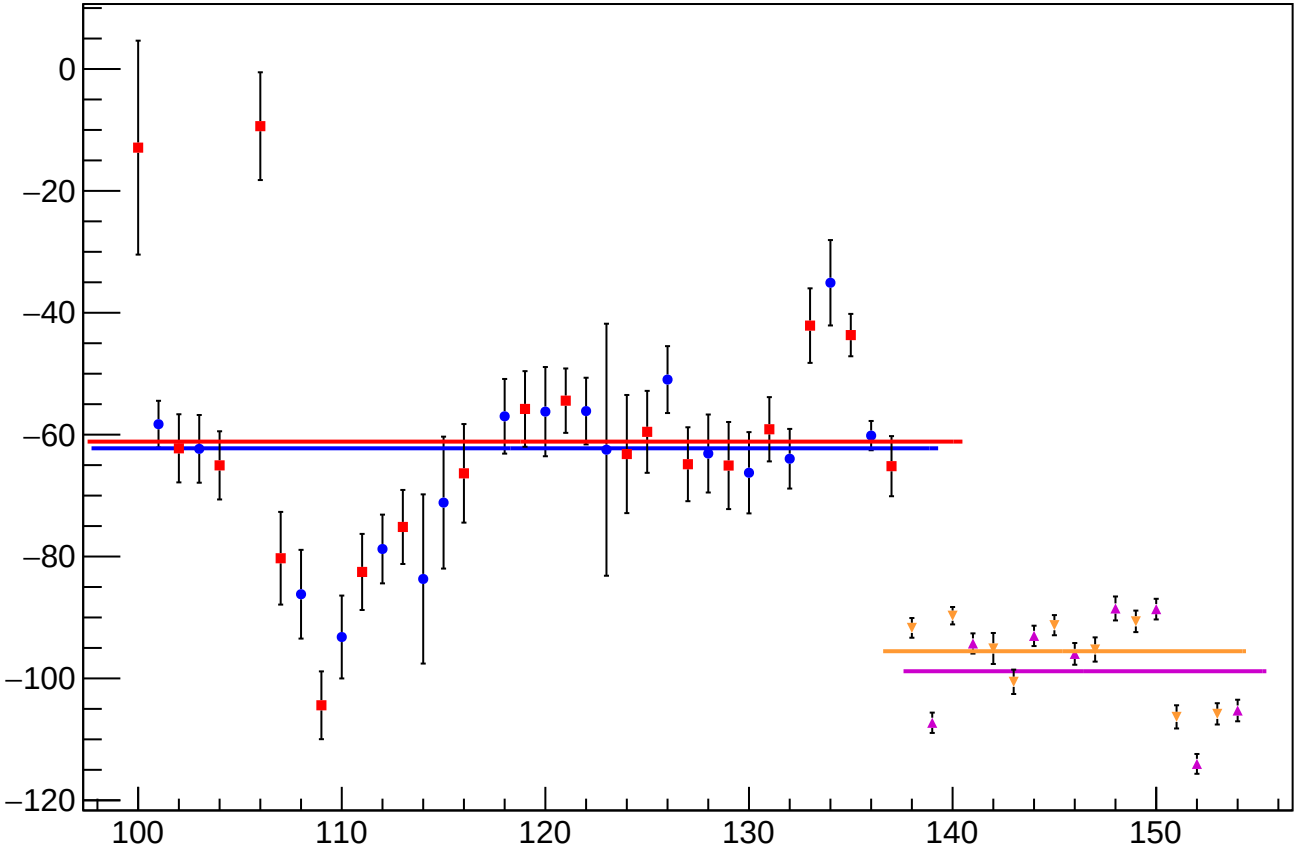
Left In: -42.307+/-0.433 χ^2/NDF:837.5/7

+ sign -41.618+/-0.357 χ^2/NDF: 1290.9/25

All: -42.715+/-0.259 χ^2/NDF: 3478.3/52

- sign -43.935+/-0.376 χ^2/NDF: 2167.5/26

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -95.538+/-0.596 χ^2/NDF:109.6/8

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

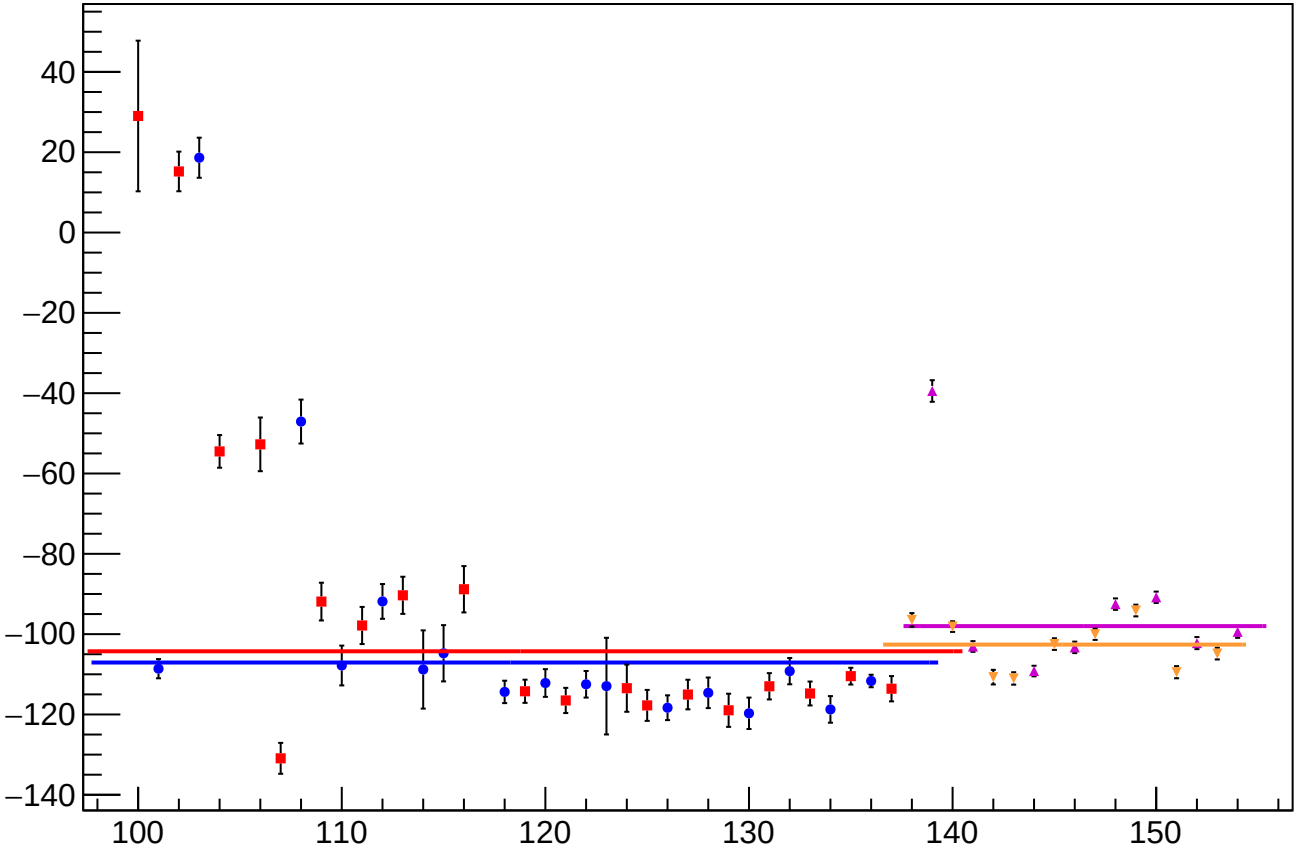
Left In: -98.823+/-0.608 χ^2/NDF:212.3/7

+ sign -89.836+/-0.542 χ^2/NDF: 712.3/25

All: -91.224+/-0.388 χ^2/NDF: 1728.2/52

- sign -92.687+/-0.557 χ^2/NDF: 1002.5/26

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -102.602+/-0.501 χ^2/NDF:134.0/8

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

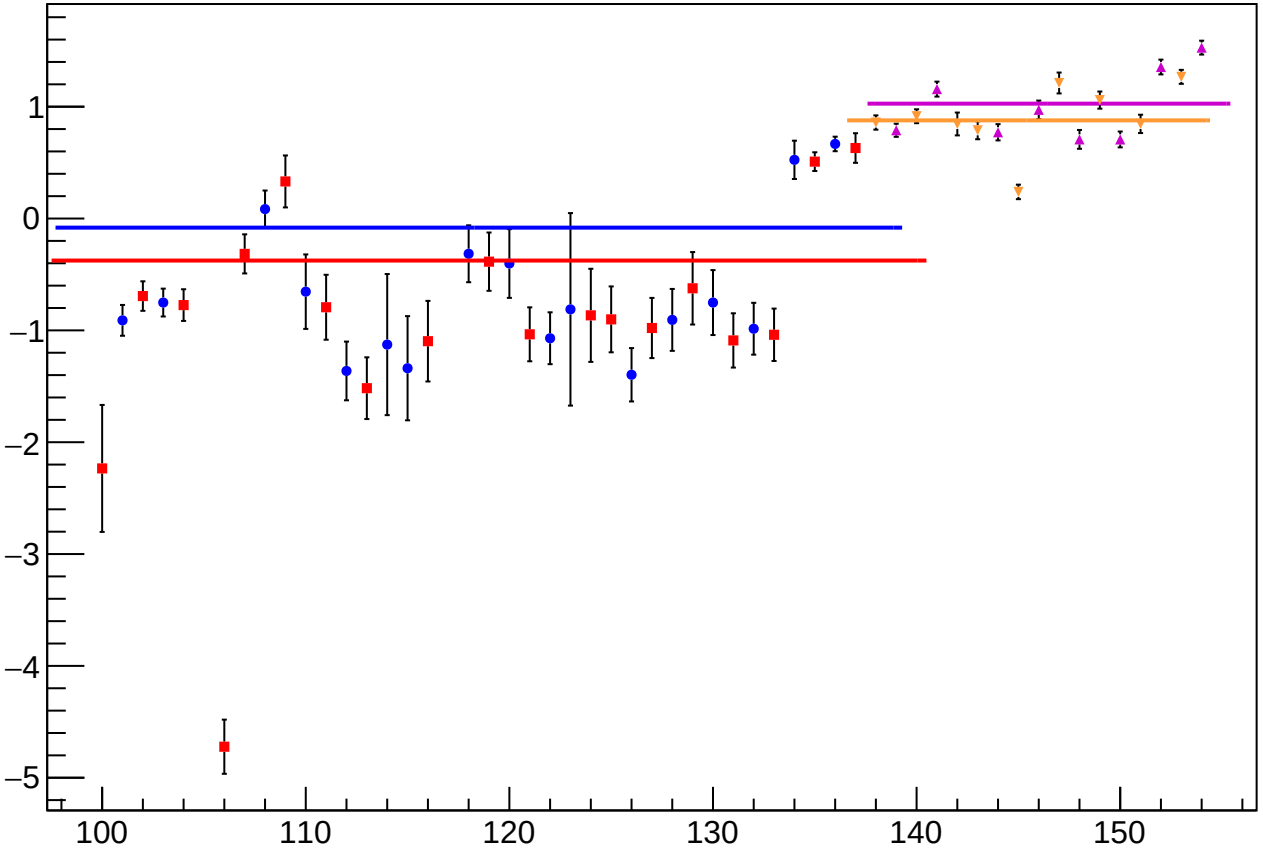
Left In: -97.998+/-0.525 χ^2/NDF:622.9/7

+ sign -103.834+/-0.426 χ^2/NDF: 984.2/25

All: -101.870+/-0.309 χ^2/NDF: 2709.2/52

- sign -99.697+/-0.448 χ^2/NDF: 1680.2/26

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.878+/-0.024 χ^2/NDF:156.4/8

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

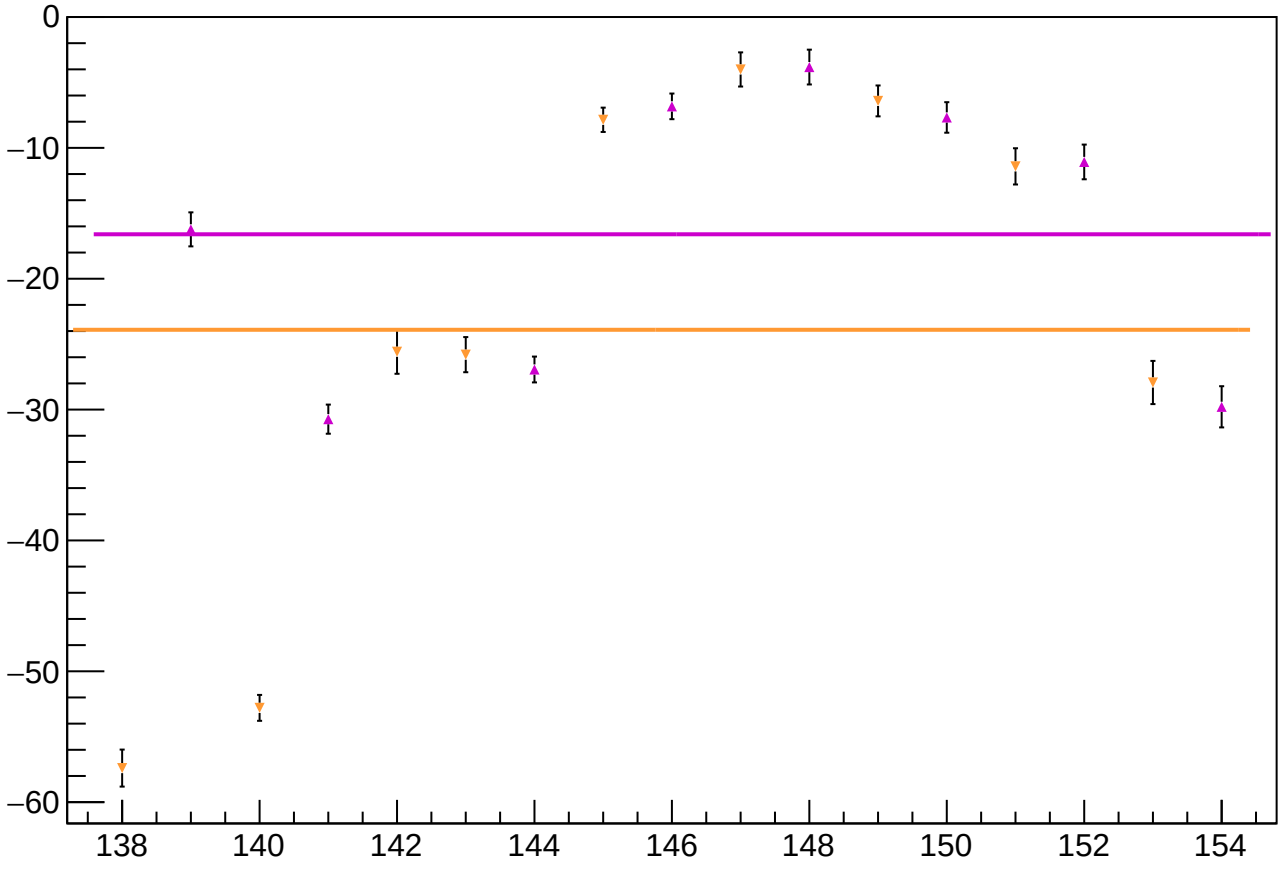
Left In: 1.027+/-0.024 χ^2/NDF:157.3/7

+ sign 0.637+/-0.021 χ^2/NDF: 873.0/25

All: 0.666+/-0.015 χ^2/NDF: 2397.1/52

- sign 0.695+/-0.021 χ^2/NDF: 1520.4/26

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -23.902+/-0.416 χ^2/NDF:2252.5/8

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

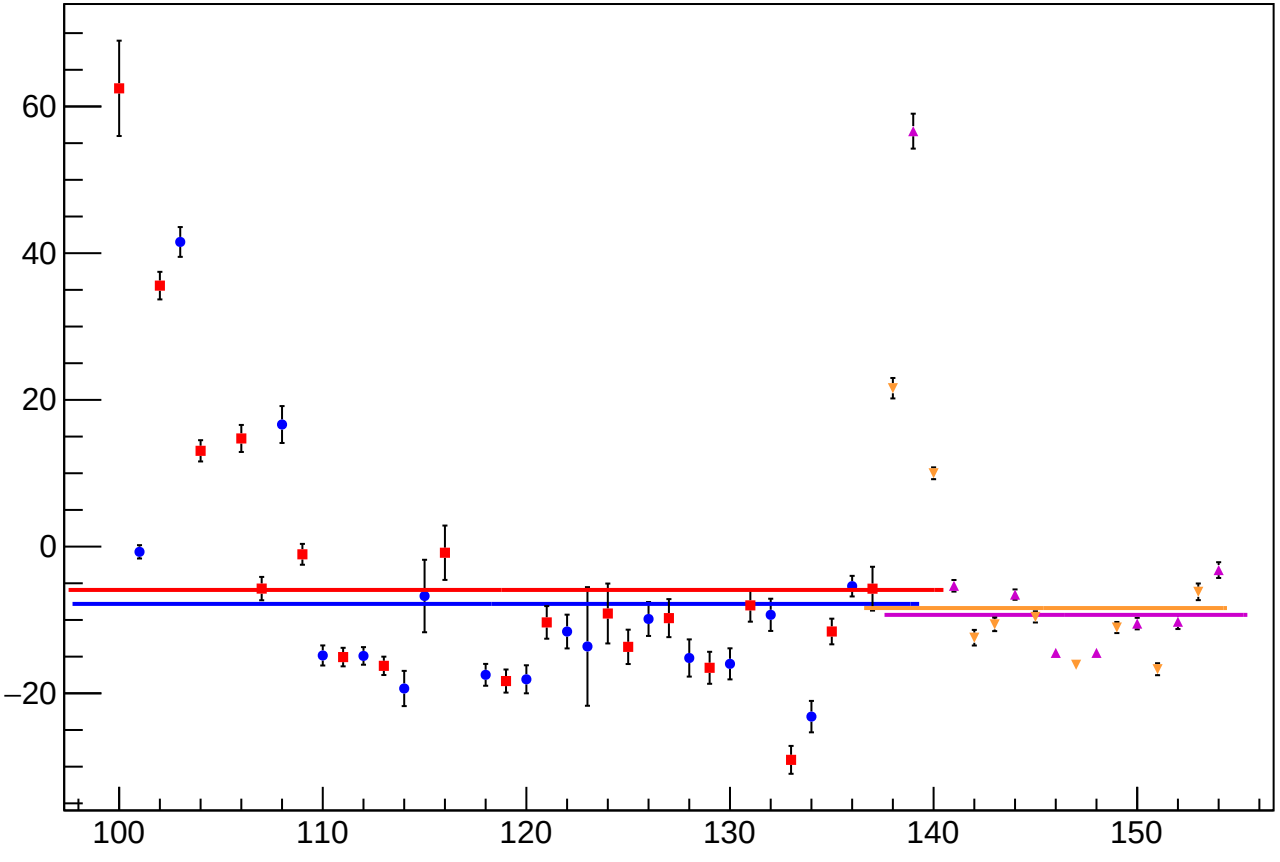
Left In: -16.603+/-0.417 χ^2/NDF:608.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -20.265+/-0.295 χ^2/NDF: 3014.7/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.812+/-0.427 χ^2/NDF: 982.8/16

Left Out: -8.378+/-0.284 χ^2/NDF:1275.8/8

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

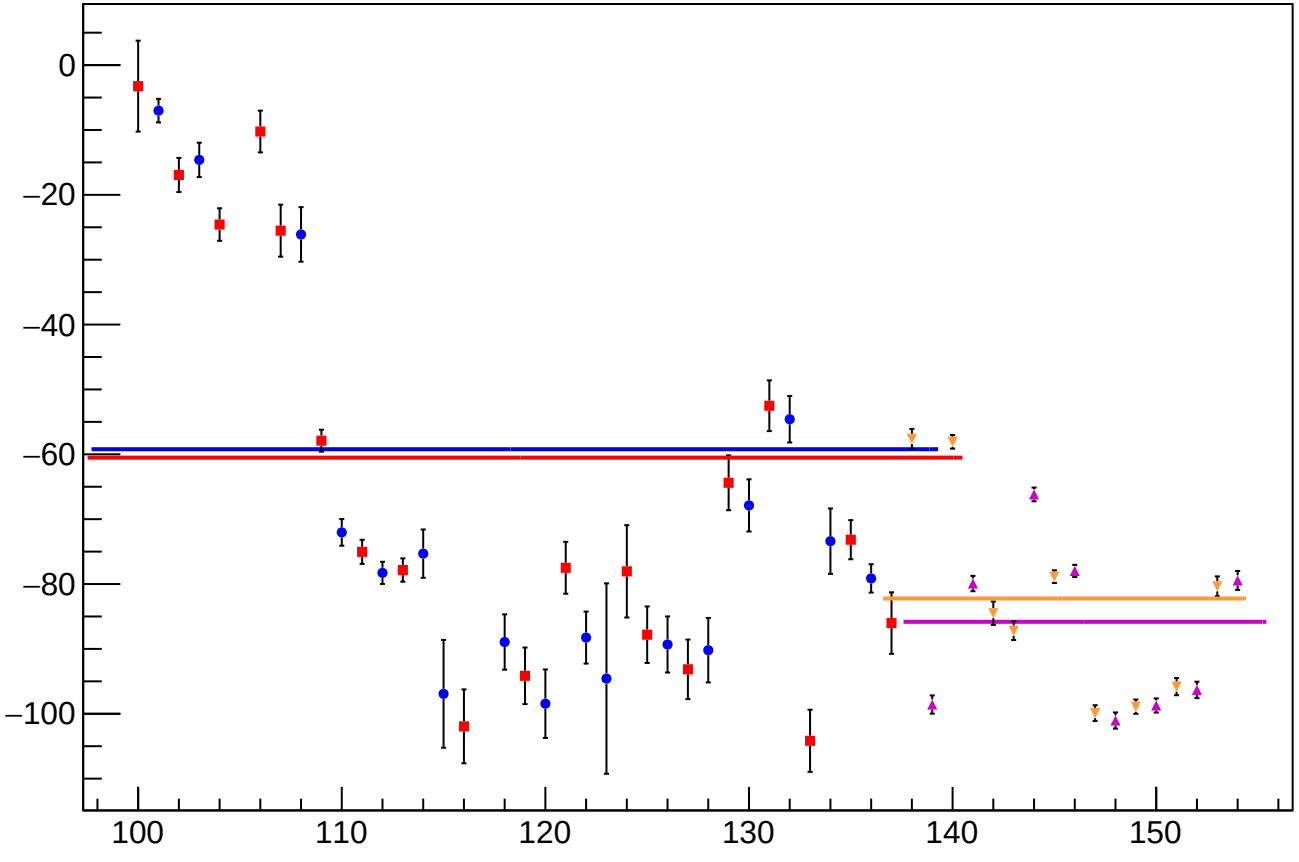
Left In: -9.308+/-0.285 χ^2/NDF:977.8/7

+ sign -8.204+/-0.236 χ^2/NDF: 2259.7/25

All: -8.235+/-0.168 χ^2/NDF: 4574.2/52

- sign -8.266+/-0.238 χ^2/NDF: 2314.4/26

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -82.229+/-0.421 χ^2/NDF:1353.0/8

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

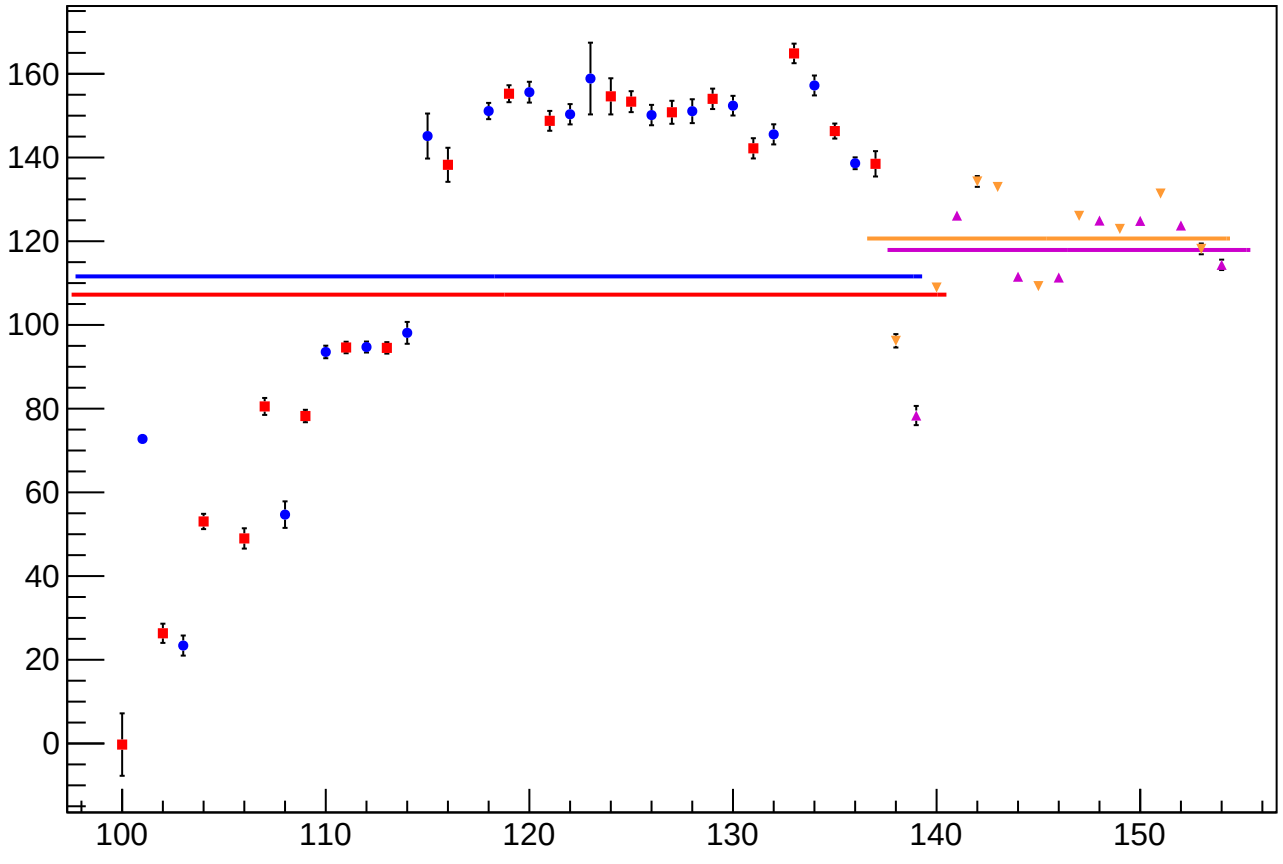
Left In: -85.824+/-0.415 χ^2/NDF:897.7/7

+ sign -76.646+/-0.366 χ^2/NDF: 3798.7/25

All: -78.010+/-0.256 χ^2/NDF: 7066.7/52

- sign -79.307+/-0.357 χ^2/NDF: 3241.0/26

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 120.649+/-0.349 χ^2/NDF:934.8/8

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

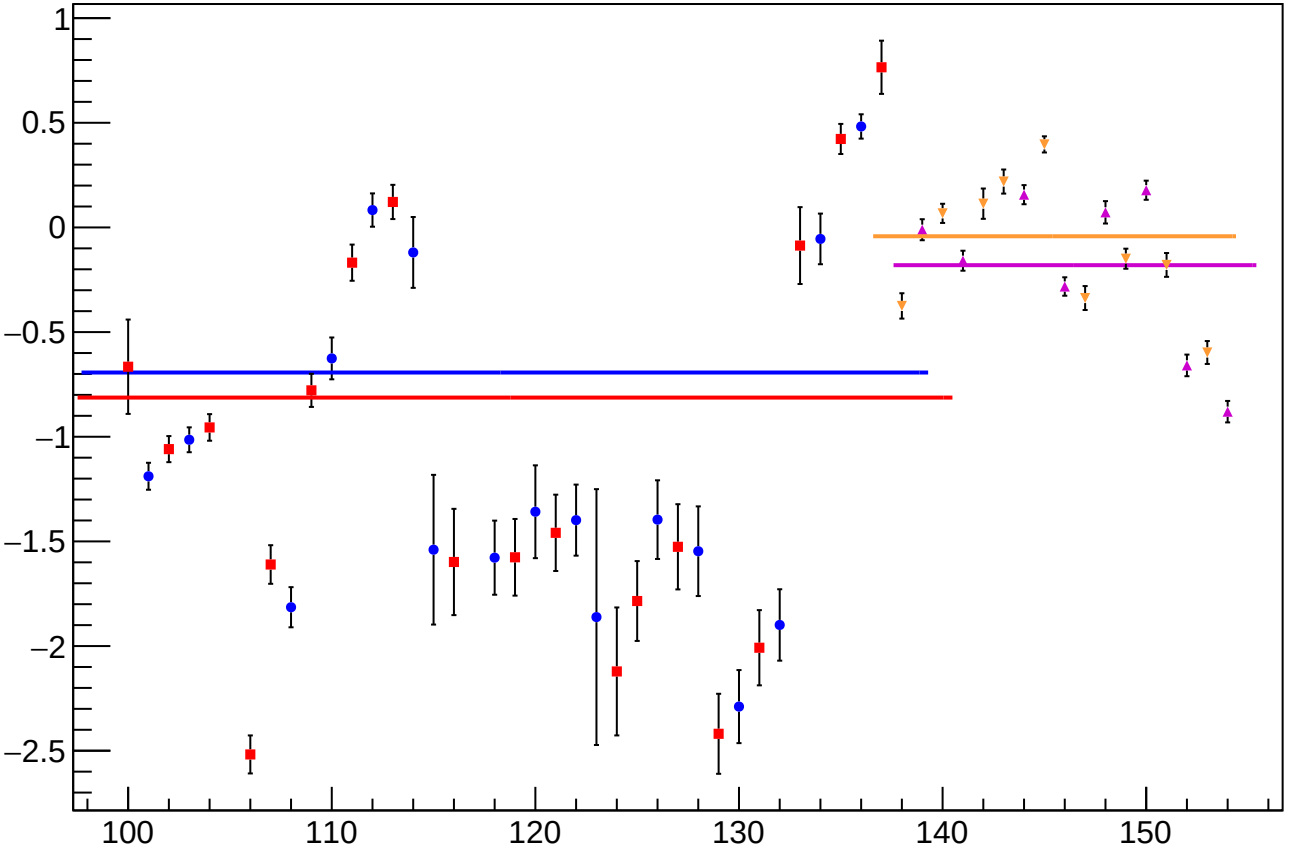
Left In: 117.914+/-0.349 χ^2/NDF:654.1/7

+ sign 117.579+/-0.283 χ^2/NDF: 7122.9/25

All: 115.941+/-0.201 χ^2/NDF: 15198.2/52

- sign 114.297+/-0.284 χ^2/NDF: 8008.4/26

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: -0.042+/-0.017 χ^2/NDF:330.8/8

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

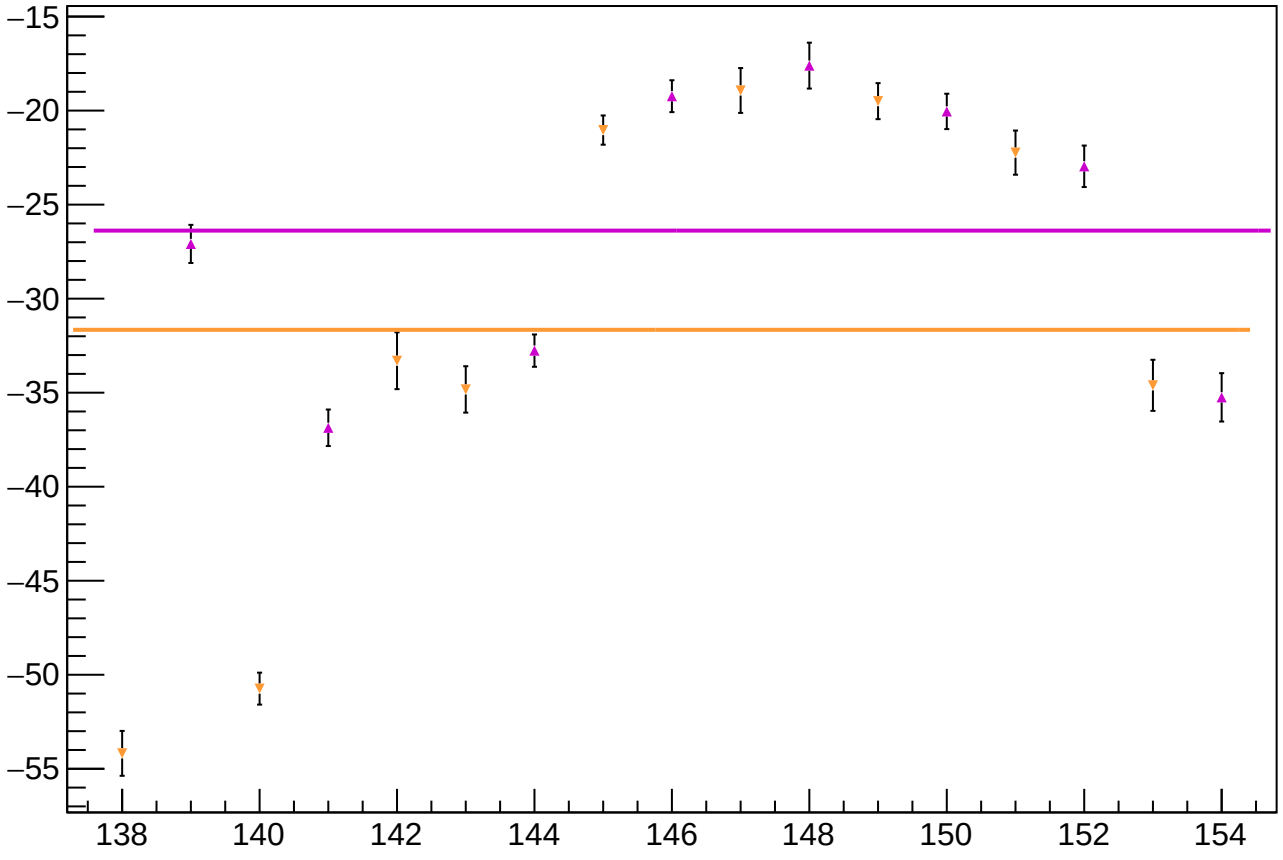
Left In: -0.180+/-0.017 χ^2/NDF:427.2/7

+ sign -0.246+/-0.014 χ^2/NDF: 1761.7/25

All: -0.320+/-0.010 χ^2/NDF: 4002.4/52

- sign -0.390+/-0.014 χ^2/NDF: 2189.9/26

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.656+/-0.356 χ^2/NDF:1398.9/8

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

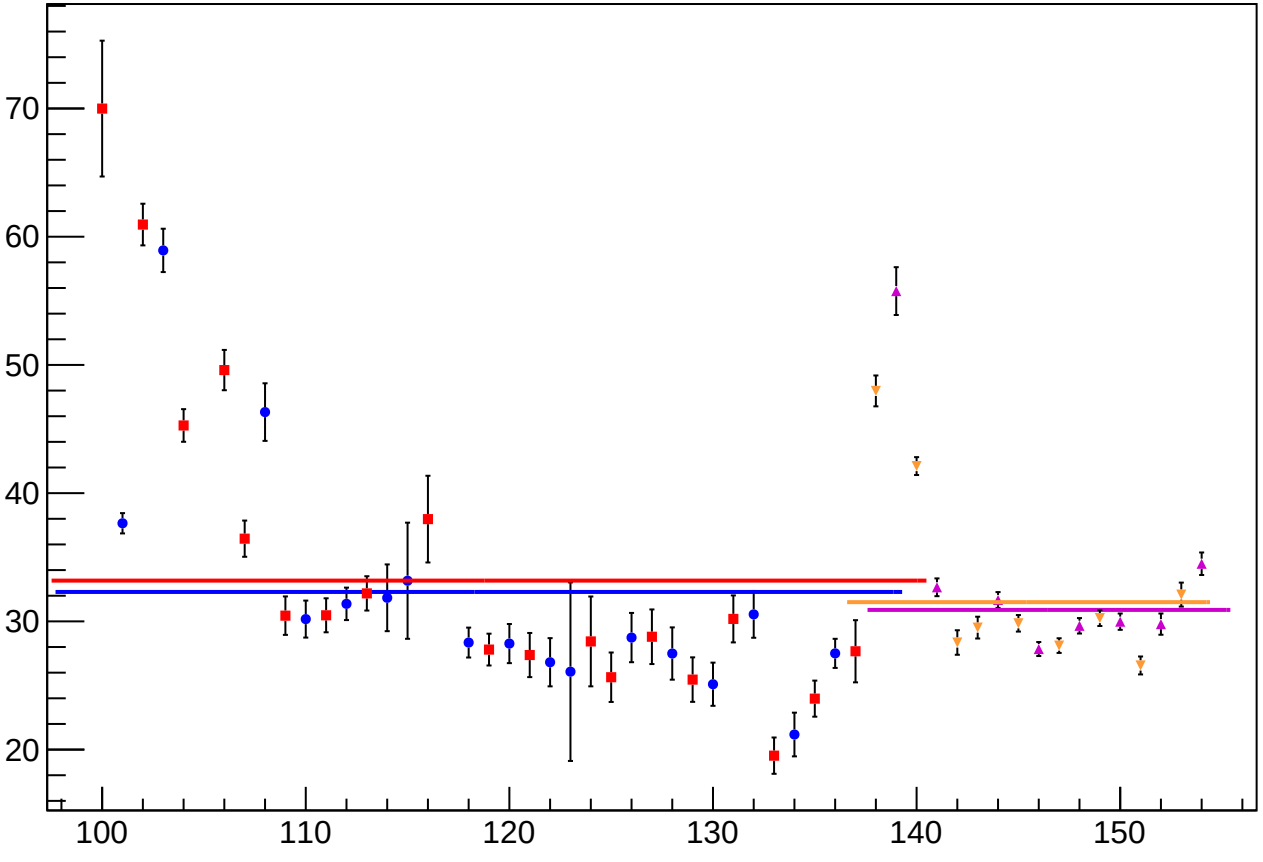
Left In: -26.381+/-0.353 χ^2/NDF:397.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -29.000+/-0.251 χ^2/NDF: 1907.3/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295+/-0.373 χ^2/NDF: 452.2/16

Left Out: 31.499+/-0.246 χ^2/NDF:530.8/8

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

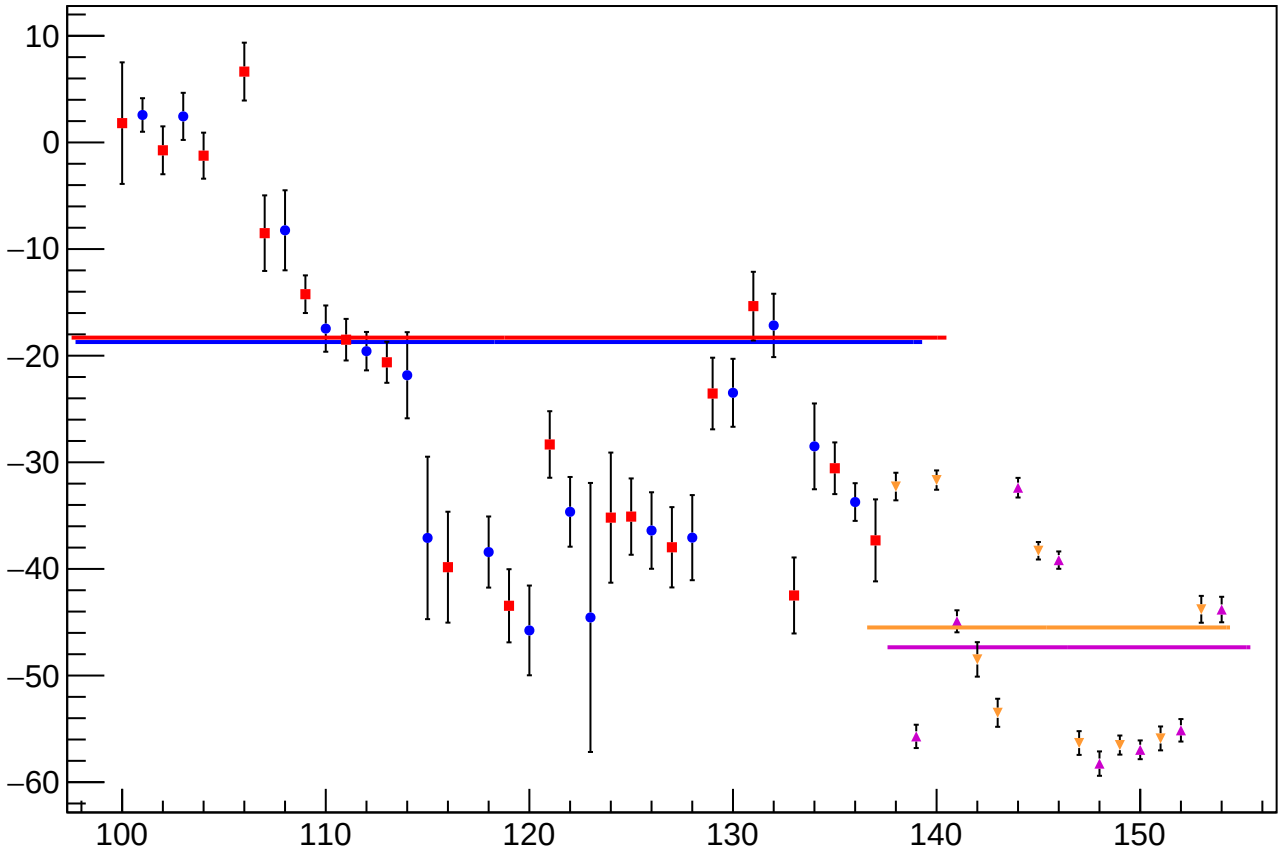
Left In: 30.894+/-0.247 χ^2/NDF:241.9/7

+ sign 31.741+/-0.205 χ^2/NDF: 986.2/25

All: 31.660+/-0.146 χ^2/NDF: 2024.1/52

- sign 31.577+/-0.207 χ^2/NDF: 1037.6/26

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -45.490+/-0.359 χ^2/NDF:789.1/8

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

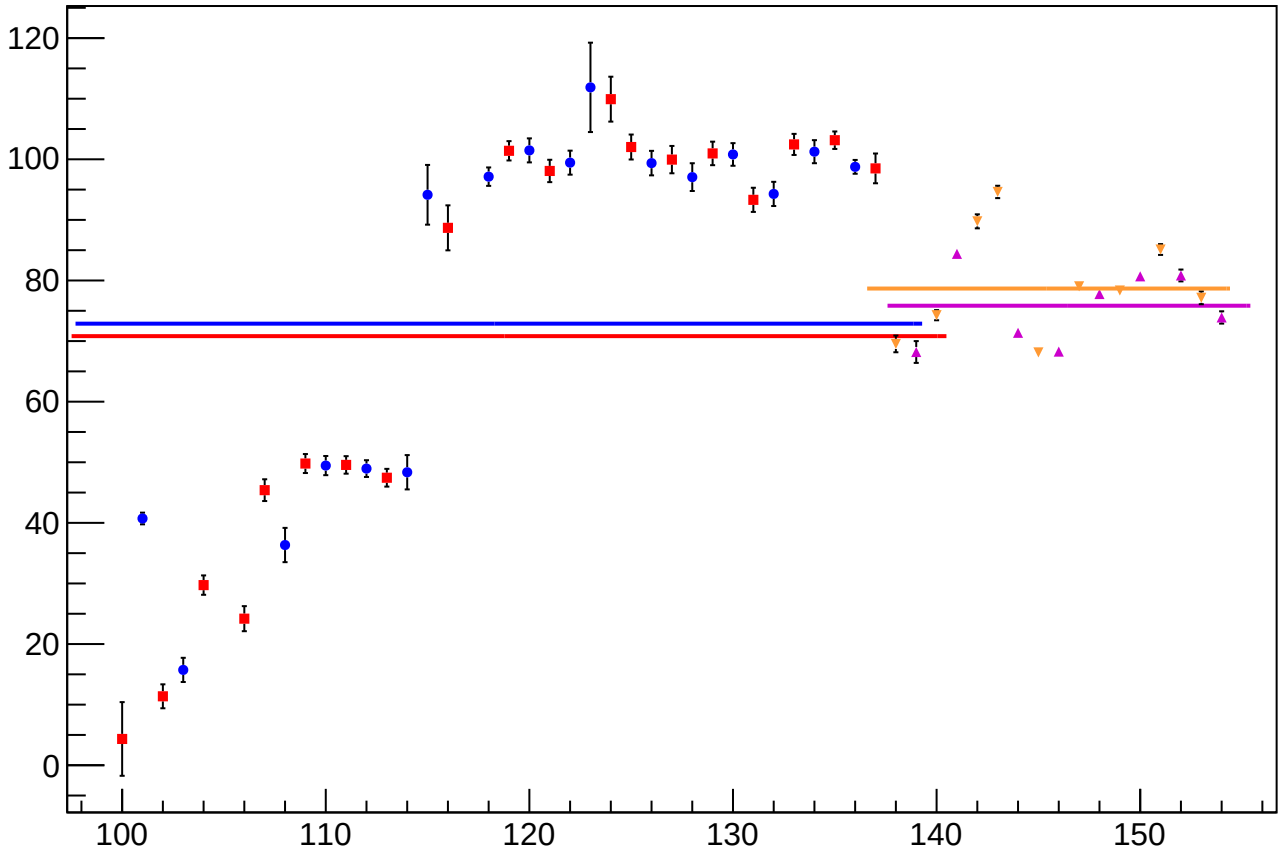
Left In: -47.349+/-0.351 χ^2/NDF:702.5/7

+ sign -39.444+/-0.316 χ^2/NDF: 2561.7/25

All: -40.082+/-0.221 χ^2/NDF: 5314.5/52

- sign -40.688+/-0.308 χ^2/NDF: 2744.8/26

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 78.671+/-0.301 χ^2/NDF:664.8/8

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

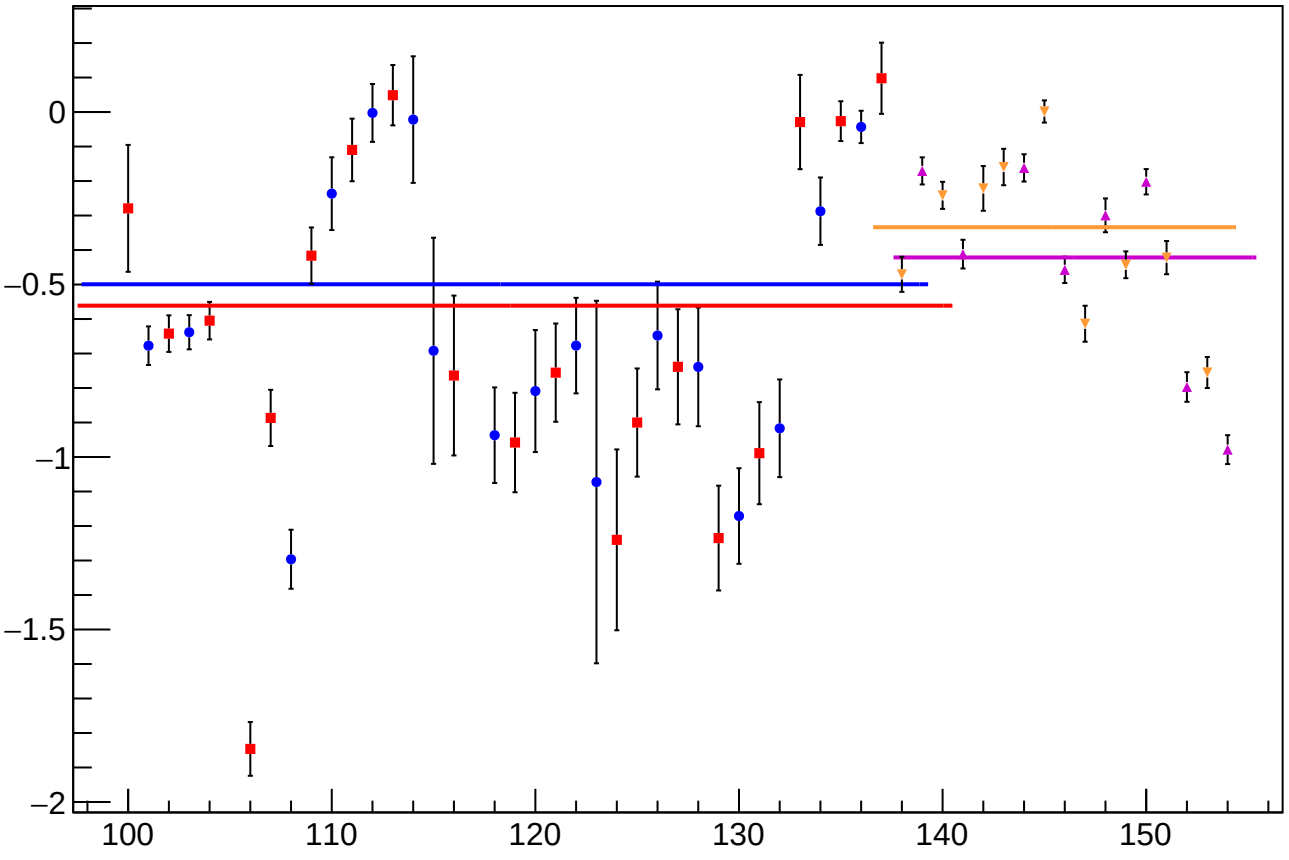
Left In: 75.837+/-0.300 χ^2/NDF:365.3/7

+ sign 76.742+/-0.246 χ^2/NDF: 5526.4/25

All: 75.481+/-0.174 χ^2/NDF: 11524.7/52

- sign 74.210+/-0.247 χ^2/NDF: 5945.4/26

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.334+/-0.015 χ^2/NDF:262.9/8

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

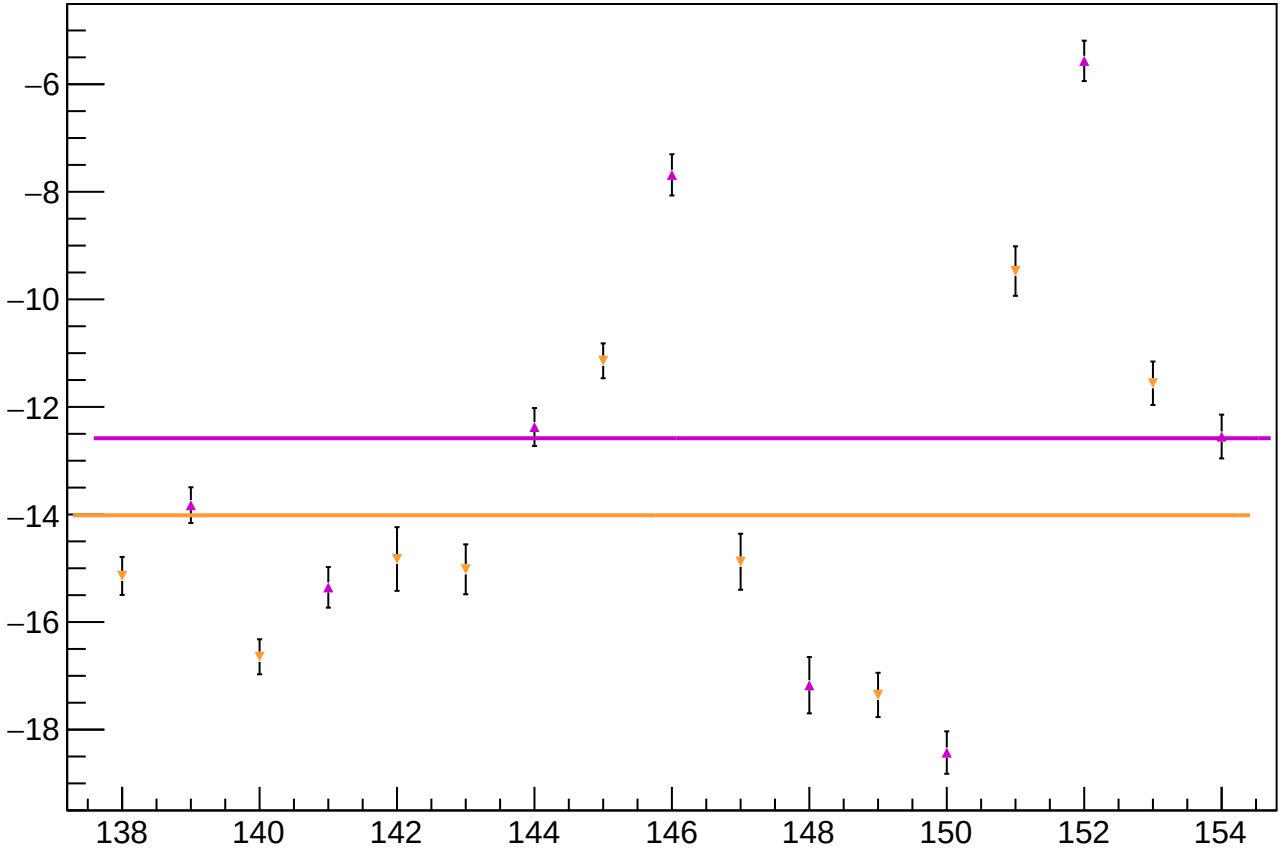
Left In: -0.422+/-0.014 χ^2/NDF:379.7/7

+ sign -0.385+/-0.012 χ^2/NDF: 604.5/25

All: -0.426+/-0.009 χ^2/NDF: 1597.9/52

- sign -0.465+/-0.012 χ^2/NDF: 971.4/26

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -14.014+/-0.135 χ^2/NDF:363.2/8

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

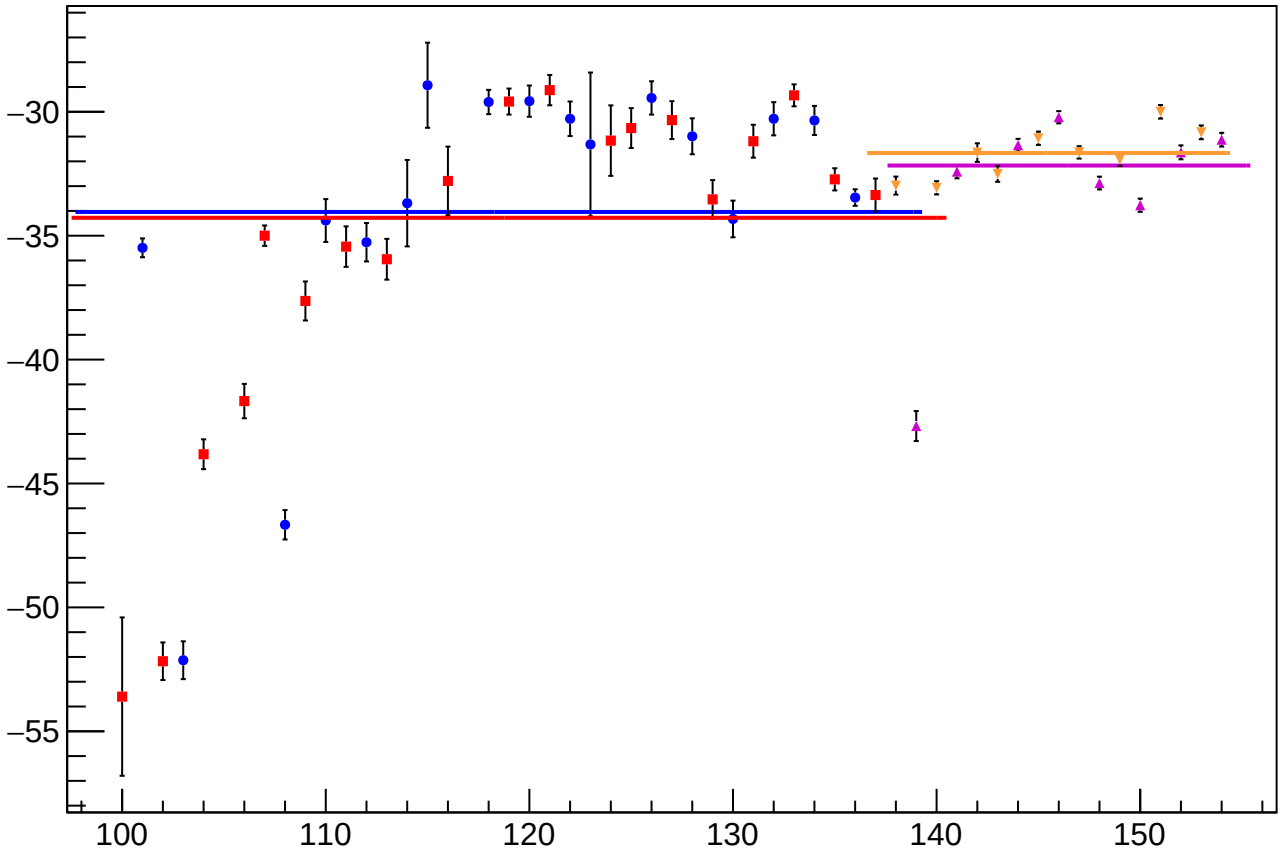
Left In: -12.582+/-0.136 χ^2/NDF:877.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.303+/-0.096 χ^2/NDF: 1296.2/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042+/-0.151 χ^2/NDF: 1340.8/16

Left Out: -31.661+/-0.096 χ^2/NDF:99.1/8

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

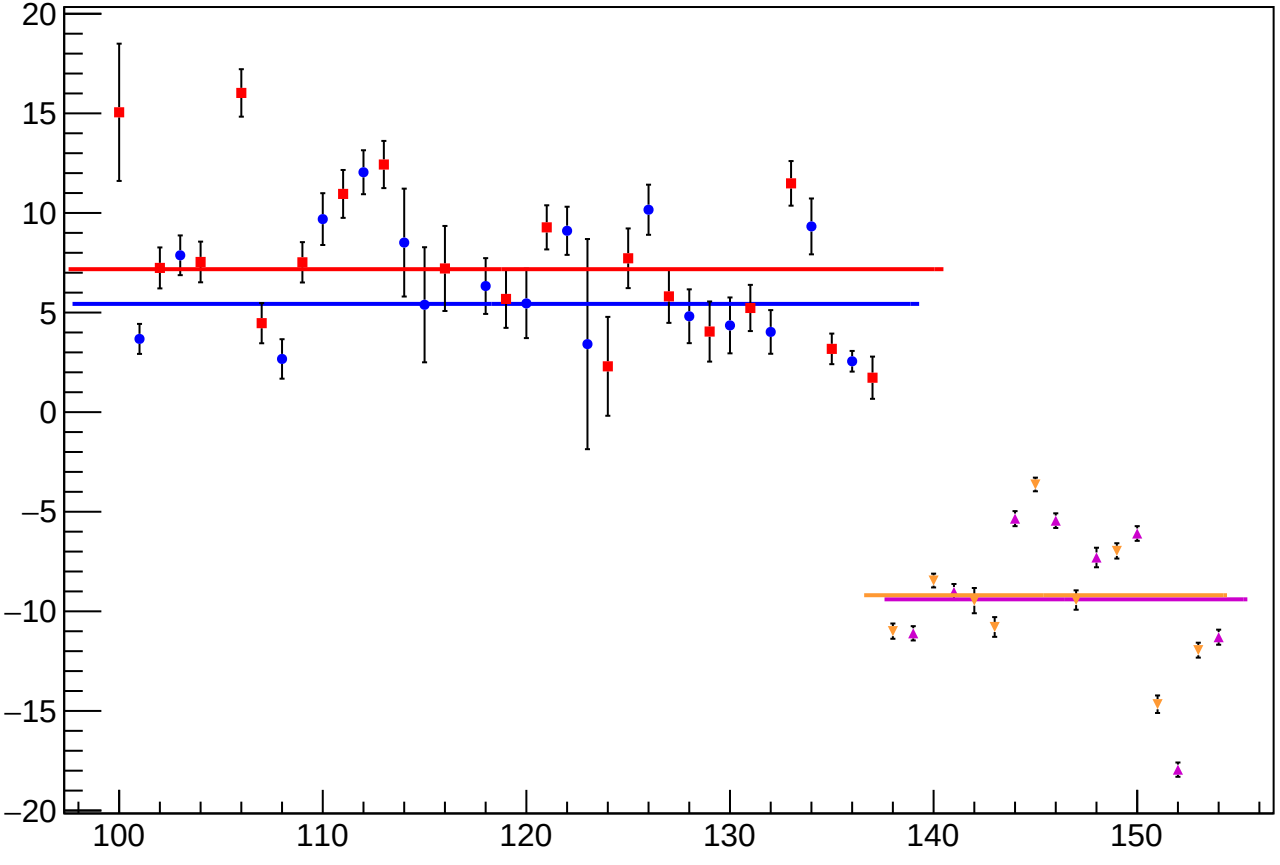
Left In: -32.169+/-0.099 χ^2/NDF:436.6/7

+ sign -32.348+/-0.081 χ^2/NDF: 1617.4/25

All: -32.569+/-0.058 χ^2/NDF: 3555.6/52

- sign -32.799+/-0.082 χ^2/NDF: 1923.0/26

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: -9.191+/-0.137 χ^2/NDF:542.3/8

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

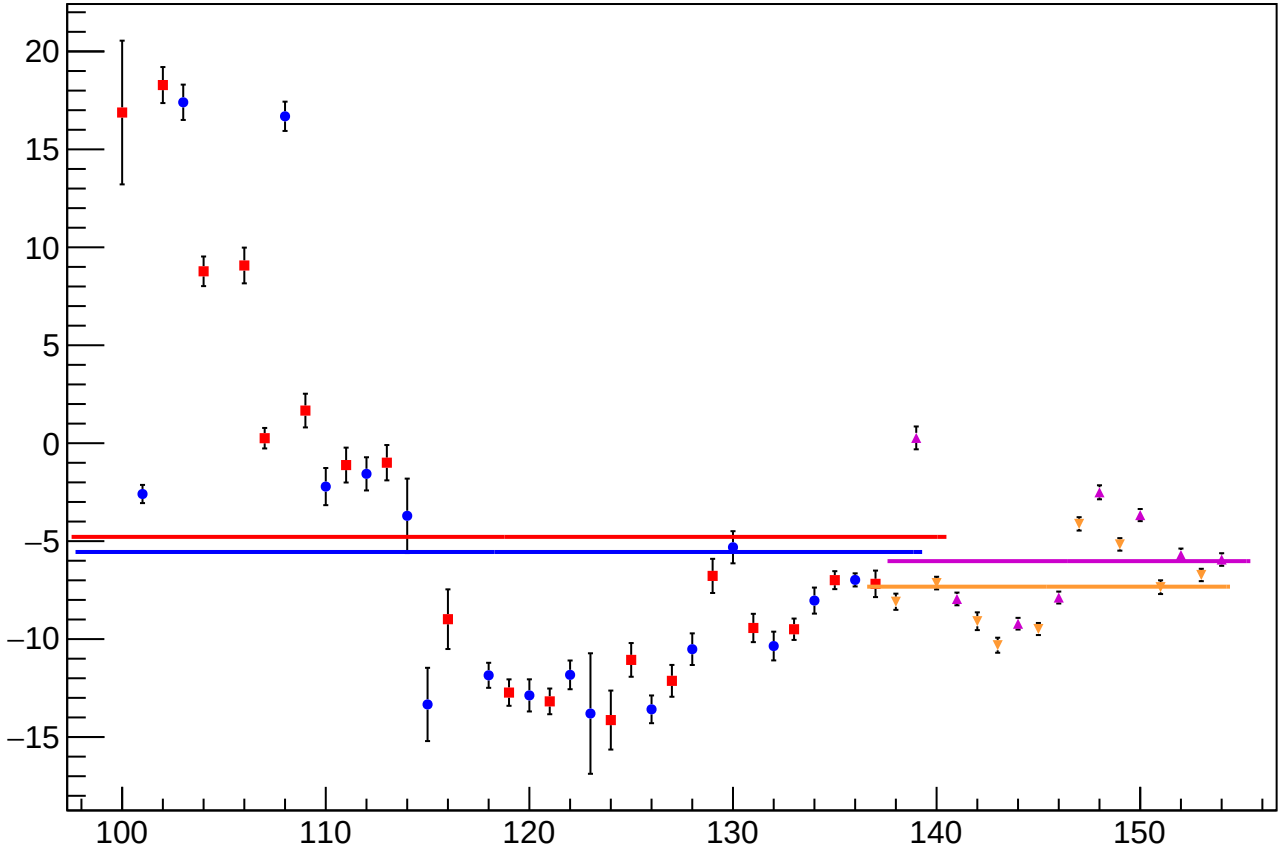
Left In: -9.397+/-0.135 χ^2/NDF:944.6/7

+ sign -6.196+/-0.122 χ^2/NDF: 3015.2/25

All: -6.172+/-0.086 χ^2/NDF: 7080.8/52

- sign -6.148+/-0.121 χ^2/NDF: 4065.5/26

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553+/-0.170 χ^2/NDF: 2125.3/16

Left Out: -7.324+/-0.116 χ^2/NDF:265.4/8

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

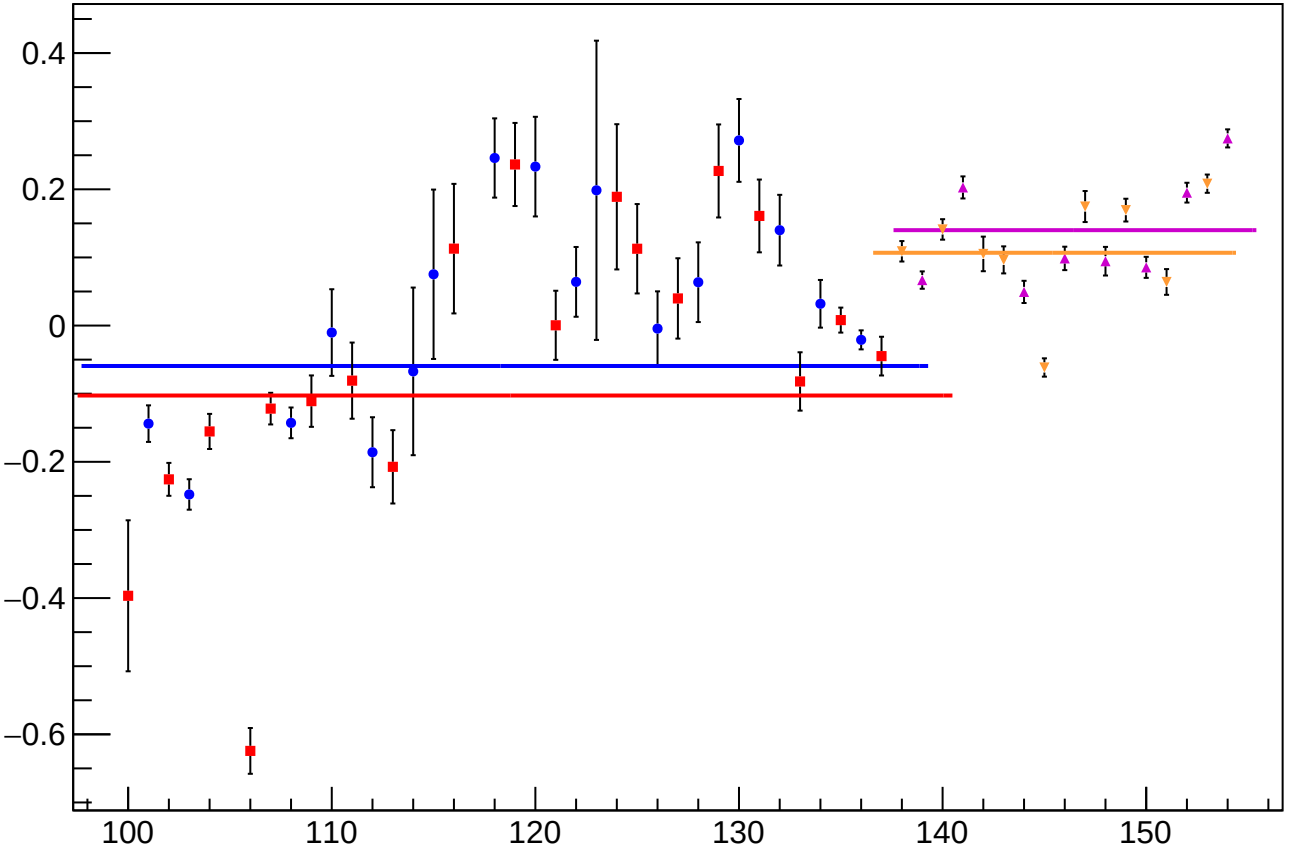
Left In: -6.020+/-0.118 χ^2/NDF:458.0/7

+ sign -6.760+/-0.096 χ^2/NDF: 2464.7/25

All: -6.202+/-0.068 χ^2/NDF: 5066.7/52

- sign -5.625+/-0.098 χ^2/NDF: 2533.3/26

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: 0.107+/-0.006 χ^2/NDF:247.6/8

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

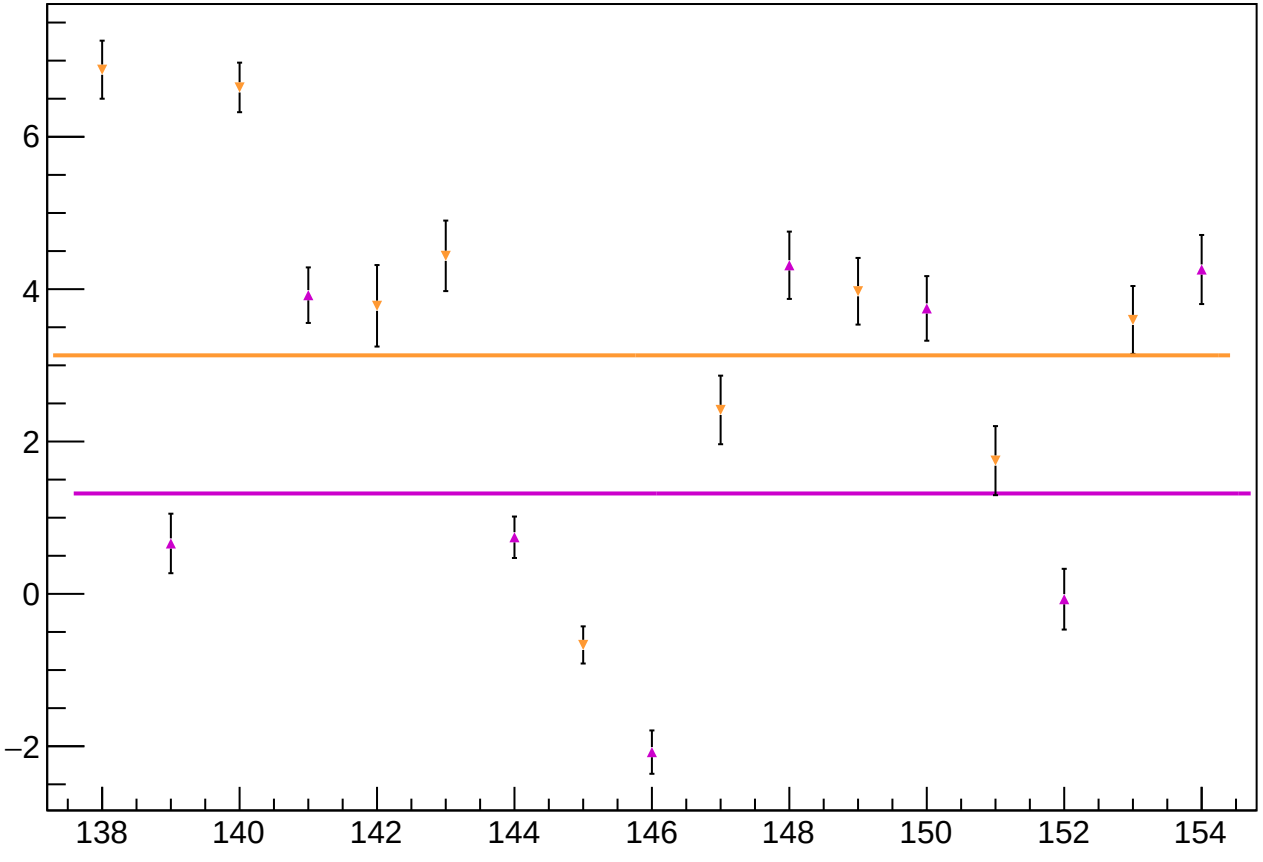
Left In: 0.140+/-0.005 χ^2/NDF:219.3/7

+ sign 0.056+/-0.005 χ^2/NDF: 737.9/25

All: 0.063+/-0.003 χ^2/NDF: 1983.7/52

- sign 0.069+/-0.005 χ^2/NDF: 1242.0/26

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: 3.131+/-0.128 χ^2/NDF:482.8/8

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

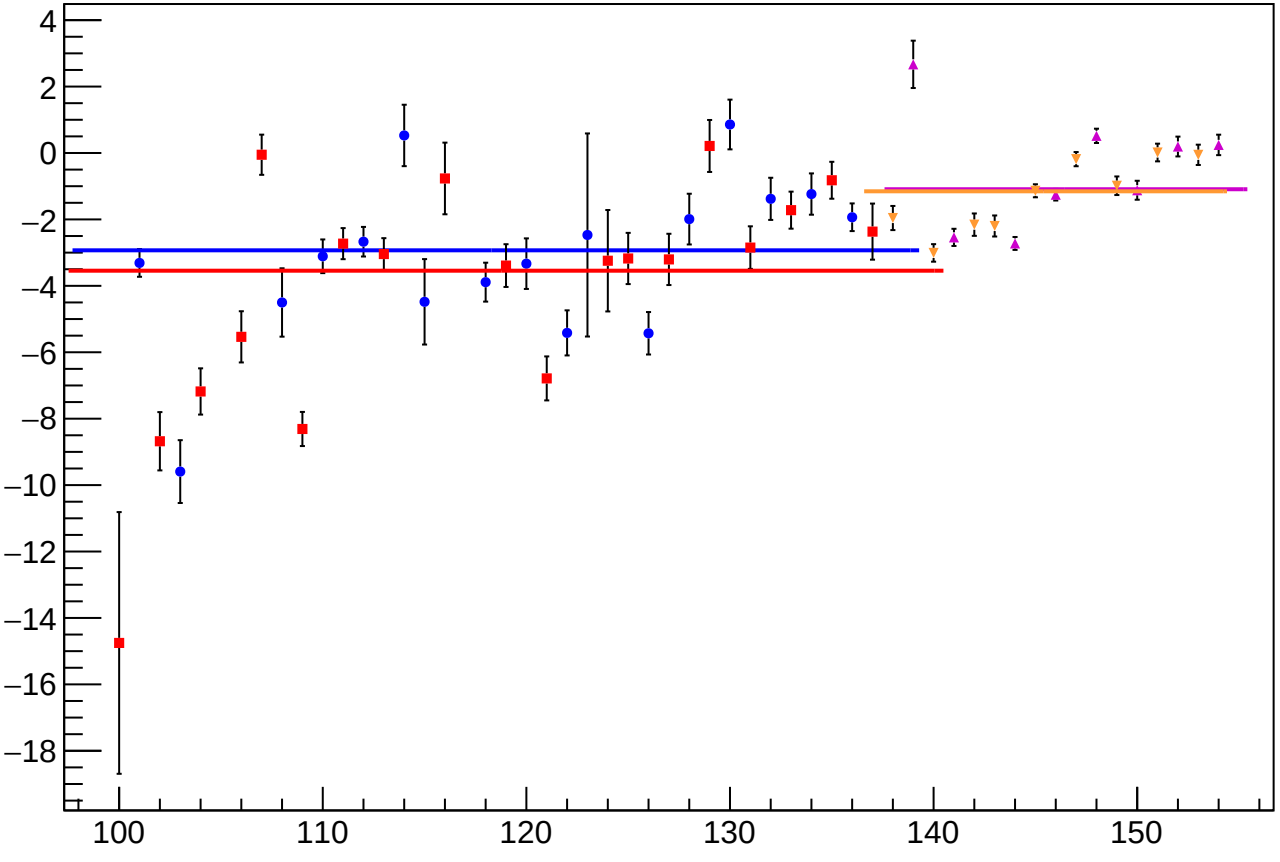
Left In: 1.318+/-0.127 χ^2/NDF:333.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.222+/-0.090 χ^2/NDF: 917.6/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.930+/-0.154 χ^2/NDF: 146.5/16

Left Out: -1.154+/-0.089 χ^2/NDF:127.1/8

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

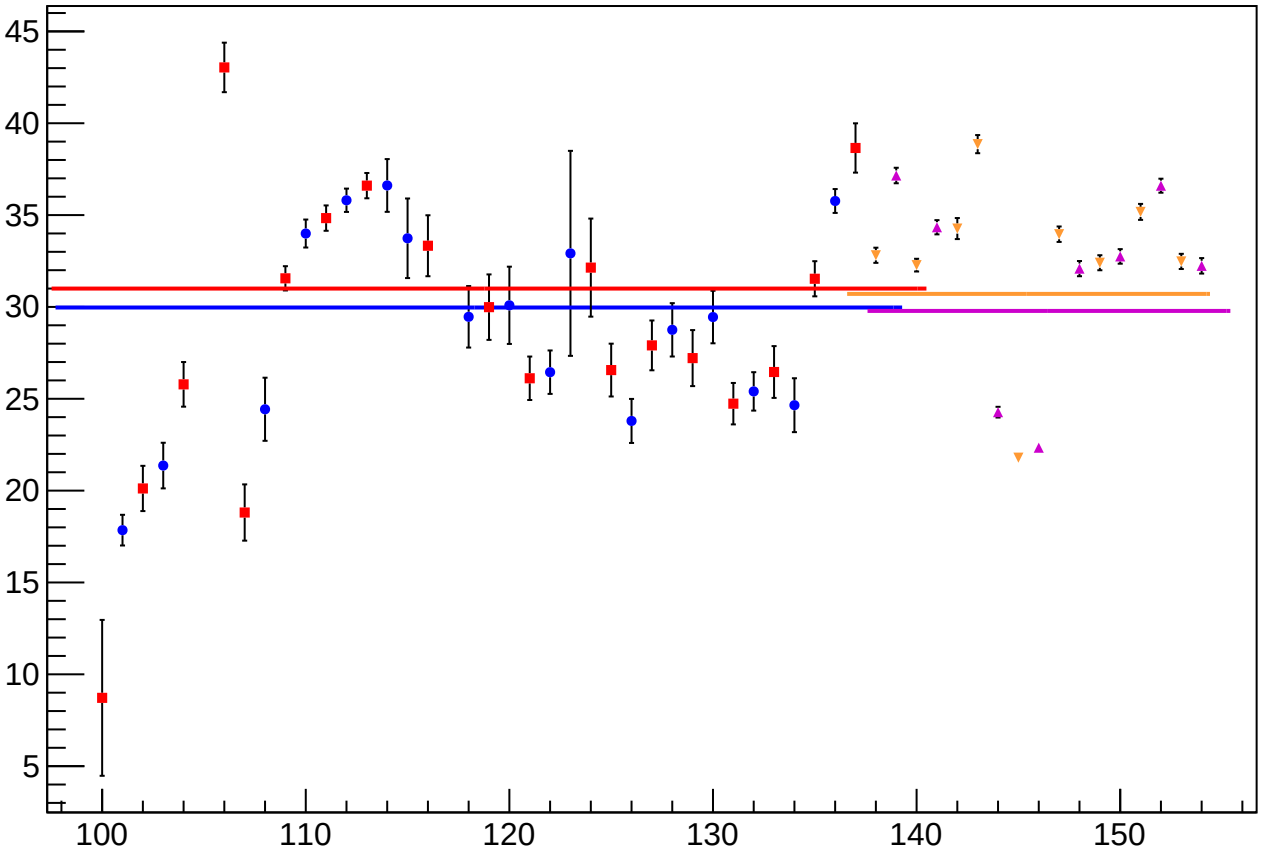
Left In: -1.092+/-0.087 χ^2/NDF:223.7/7

+ sign -1.599+/-0.077 χ^2/NDF: 373.4/25

All: -1.641+/-0.054 χ^2/NDF: 1080.4/52

- sign -1.682+/-0.076 χ^2/NDF: 706.4/26

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969+/-0.267 χ^2/NDF: 554.3/16

Left Out: 30.710+/-0.130 χ^2/NDF:1736.9/8

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

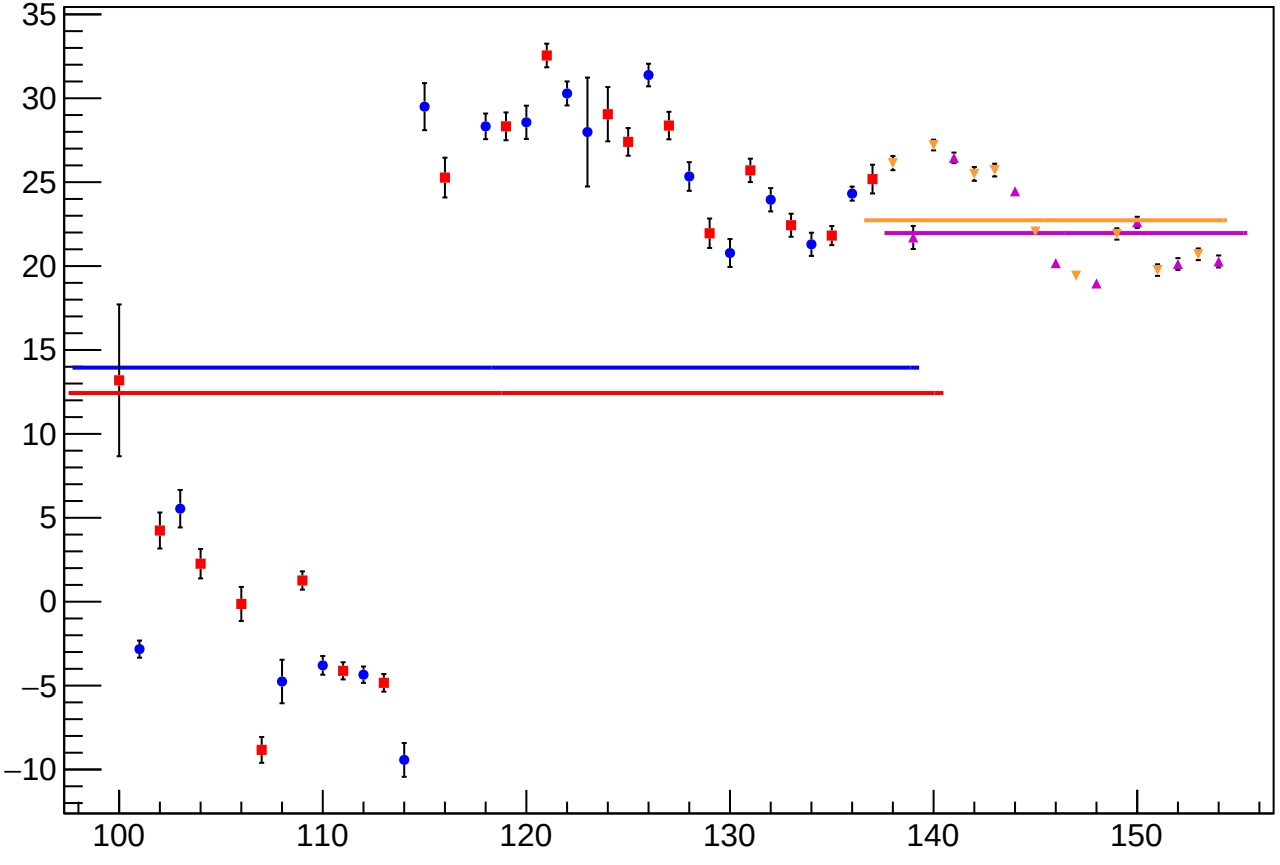
Left In: 29.783+/-0.127 χ^2/NDF:1984.1/7

+ sign 30.567+/-0.117 χ^2/NDF: 2297.4/25

All: 30.285+/-0.082 χ^2/NDF: 4790.0/52

- sign 30.017+/-0.114 χ^2/NDF: 2481.3/26

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.948+/-0.172 χ^2/NDF: 7391.9/16

Left Out: 22.730+/-0.109 χ^2/NDF:617.9/8

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

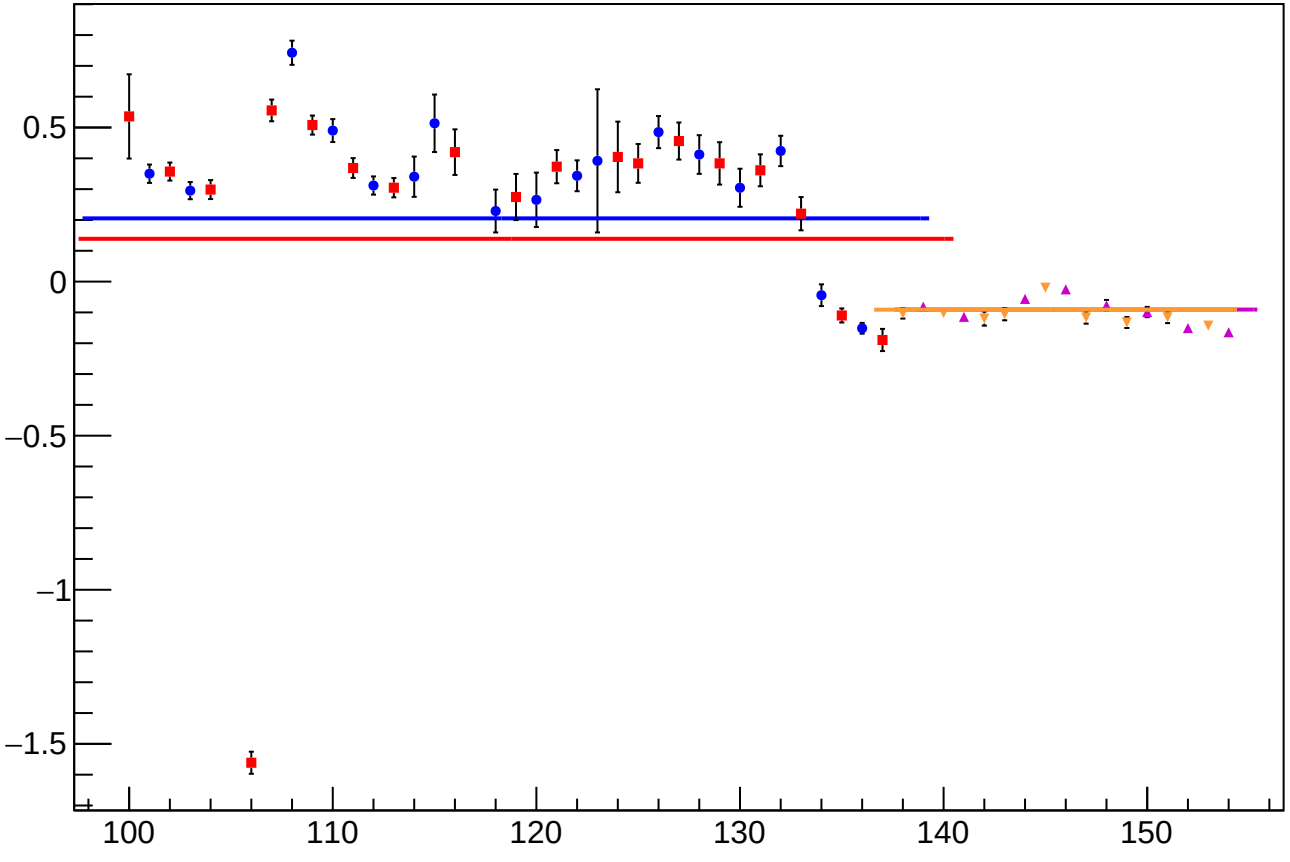
Left In: 21.967+/-0.107 χ^2/NDF:542.9/7

+ sign 20.225+/-0.092 χ^2/NDF: 9873.9/25

All: 19.786+/-0.065 χ^2/NDF: 19612.3/52

- sign 19.357+/-0.091 χ^2/NDF: 9693.3/26

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: -0.091+/-0.005 χ^2/NDF:73.5/8

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

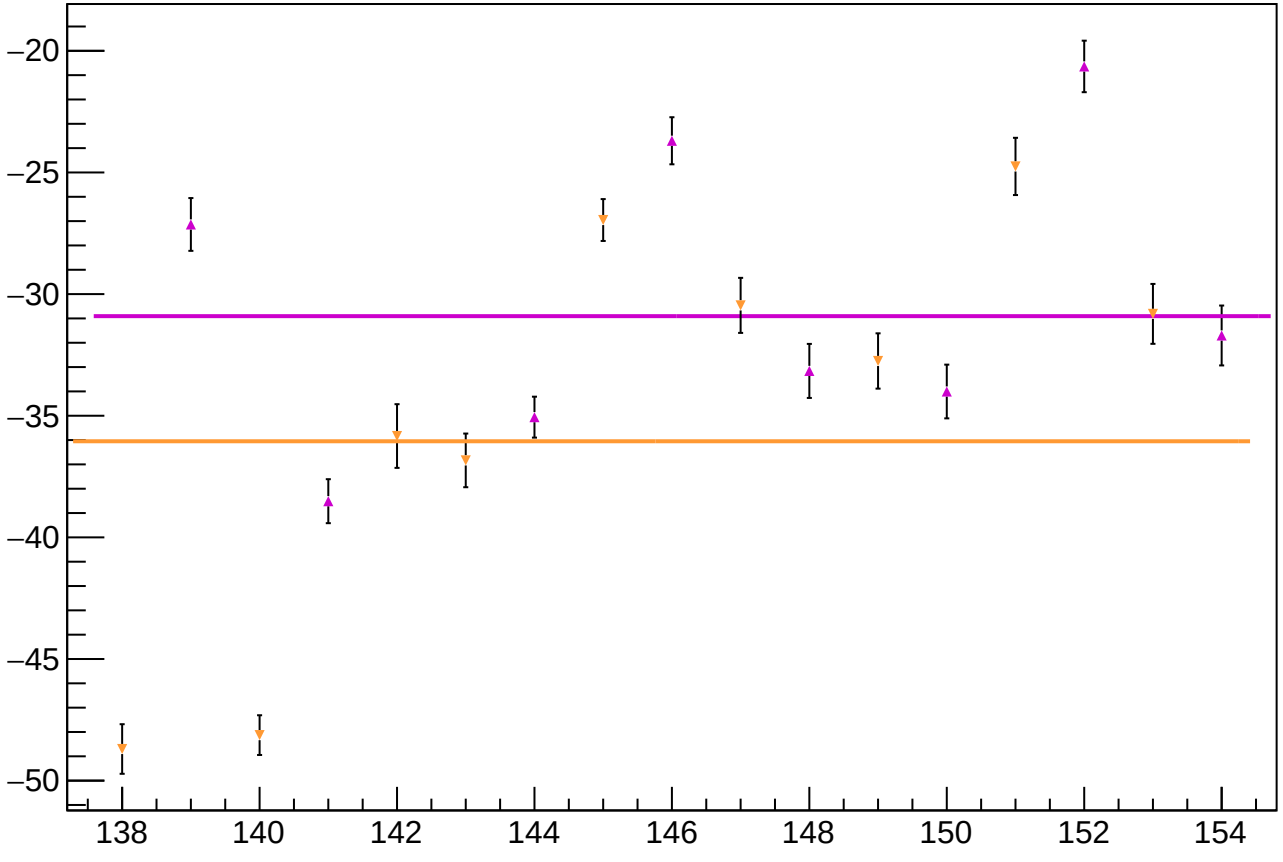
Left In: -0.091+/-0.005 χ^2/NDF:77.7/7

+ sign -0.019+/-0.005 χ^2/NDF: 1677.1/25

All: -0.027+/-0.003 χ^2/NDF: 5248.6/52

- sign -0.035+/-0.005 χ^2/NDF: 3565.5/26

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -36.050+/-0.350 χ^2/NDF:628.2/8

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

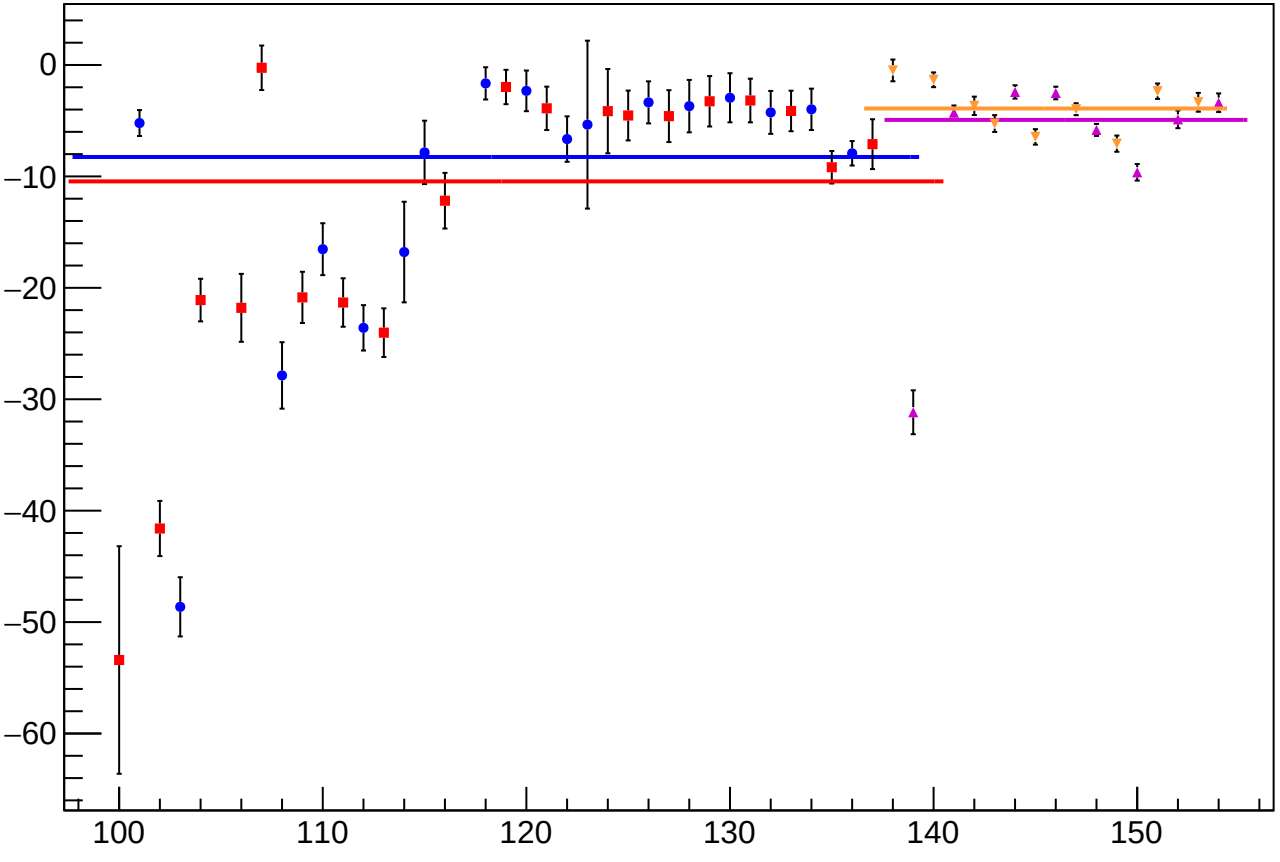
Left In: -30.906+/-0.360 χ^2/NDF:269.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -33.546+/-0.251 χ^2/NDF: 1002.3/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257+/-0.462 χ^2/NDF: 412.1/16

Left Out: -3.904+/-0.239 χ^2/NDF:68.5/8

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

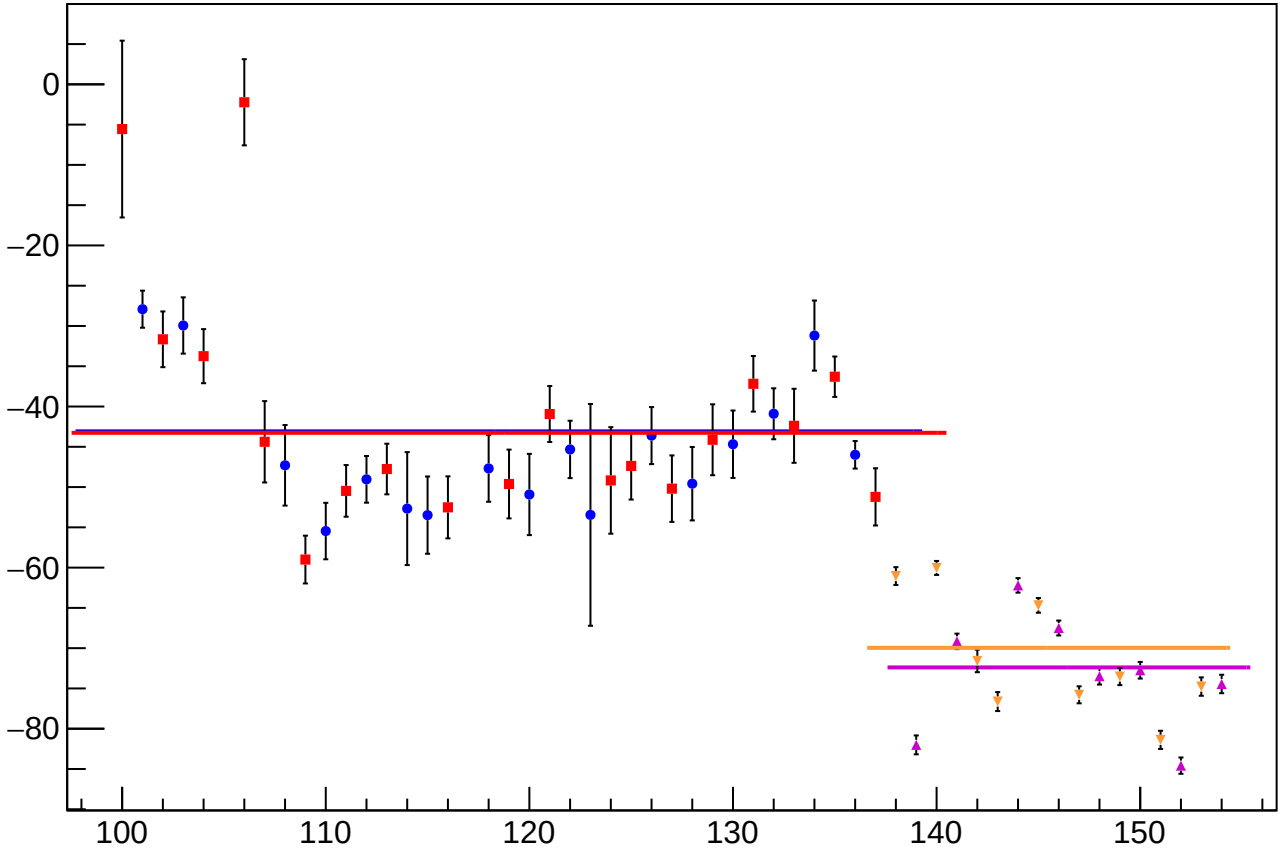
Left In: -4.928+/-0.244 χ^2/NDF:260.2/7

+ sign -4.823+/-0.212 χ^2/NDF: 550.6/25

All: -5.404+/-0.152 χ^2/NDF: 1355.9/52

- sign -6.018+/-0.218 χ^2/NDF: 789.9/26

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082+/-0.834 χ^2/NDF: 99.2/16

Left Out: -69.955+/-0.356 χ^2/NDF:424.2/8

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

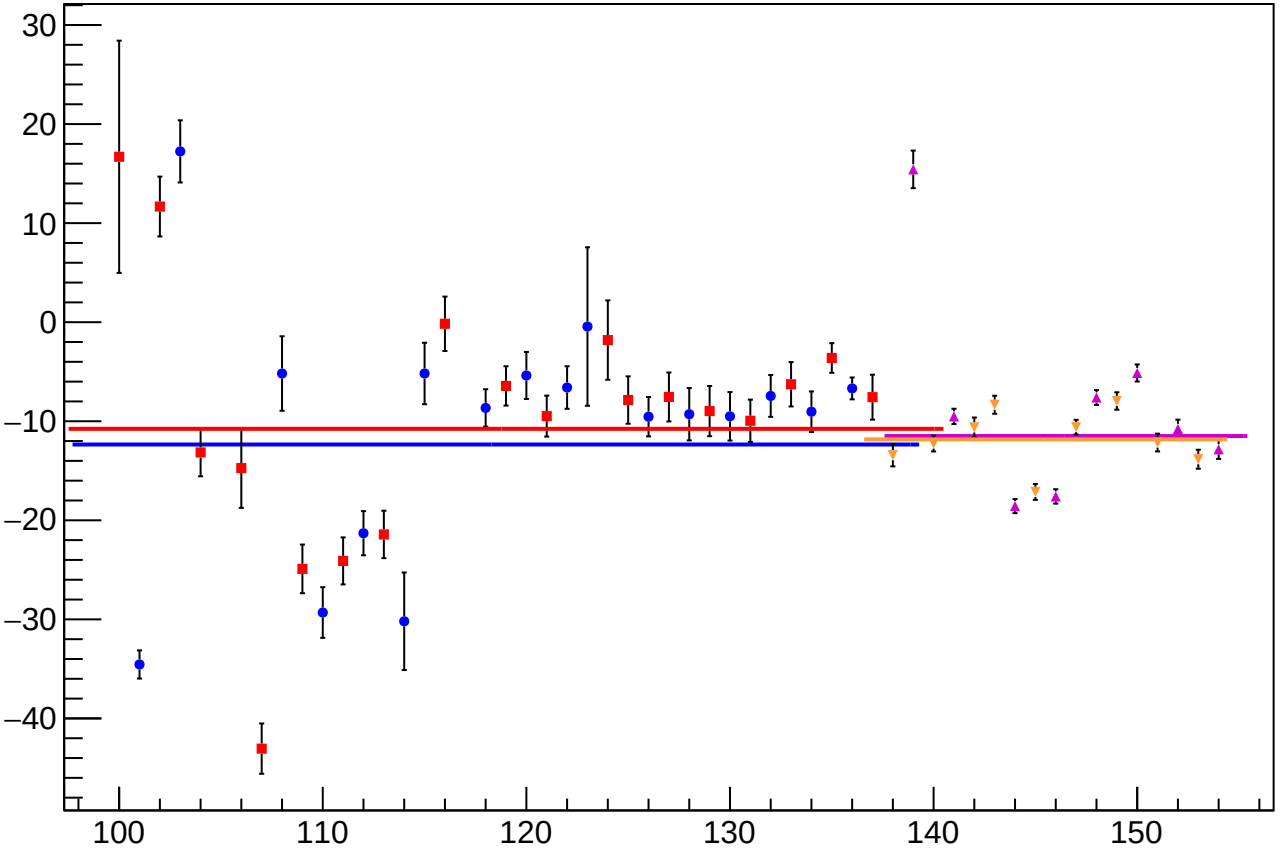
Left In: -72.390+/-0.358 χ^2/NDF:383.6/7

+ sign -65.822+/-0.327 χ^2/NDF: 1401.4/25

All: -66.970+/-0.233 χ^2/NDF: 2929.5/52

- sign -68.144+/-0.331 χ^2/NDF: 1503.2/26

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: -11.829+/-0.294 χ^2/NDF:88.9/8

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

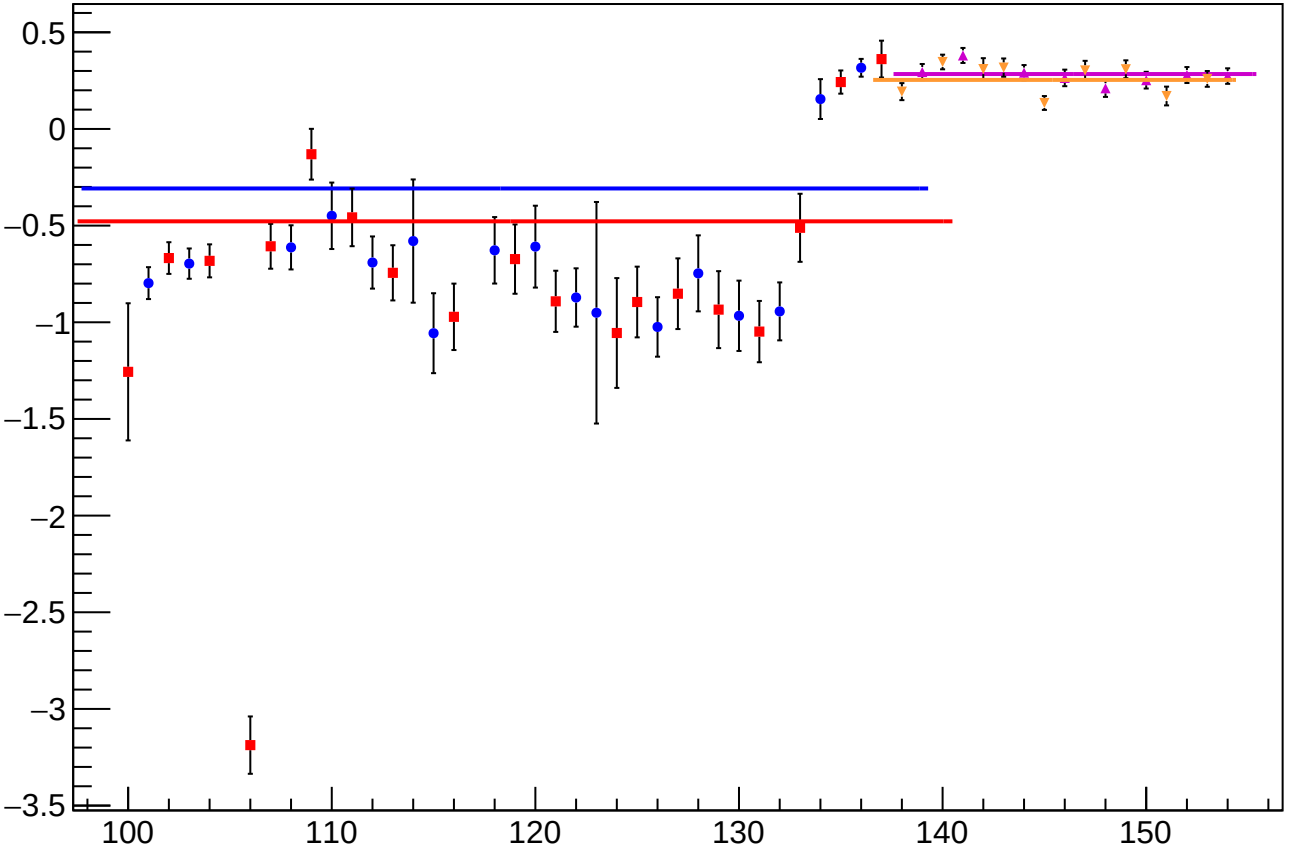
Left In: -11.493+/-0.300 χ^2/NDF:460.5/7

+ sign -11.955+/-0.256 χ^2/NDF: 565.6/25

All: -11.651+/-0.184 χ^2/NDF: 1397.0/52

- sign -11.328+/-0.264 χ^2/NDF: 828.5/26

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.308+/-0.028 χ^2/NDF: 372.4/16

Left Out: 0.254+/-0.015 χ^2/NDF:27.1/8

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

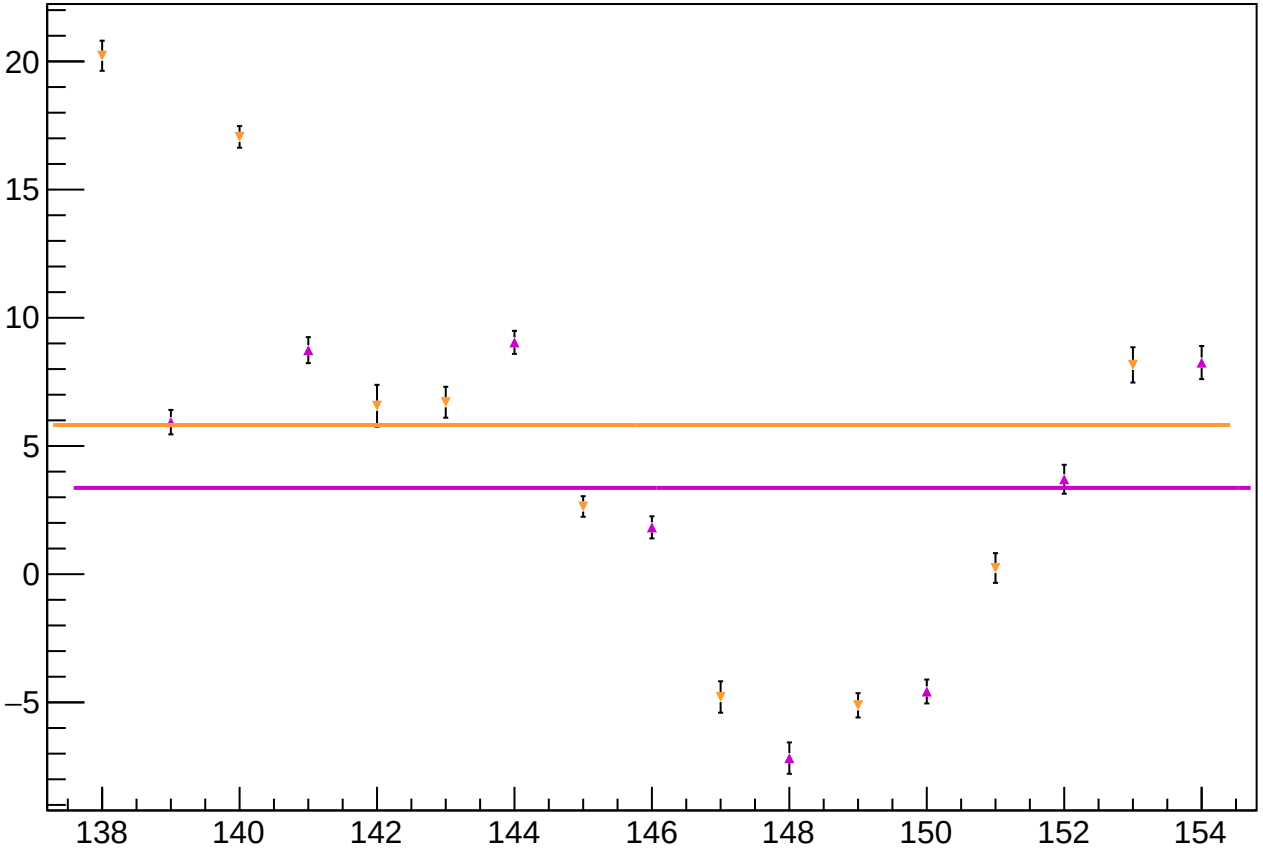
Left In: 0.284+/-0.015 χ^2/NDF:9.8/7

+ sign 0.129+/-0.013 χ^2/NDF: 723.9/25

All: 0.127+/-0.009 χ^2/NDF: 1929.7/52

- sign 0.126+/-0.013 χ^2/NDF: 1205.7/26

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 5.818+/-0.179 χ^2/NDF:2311.9/8

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

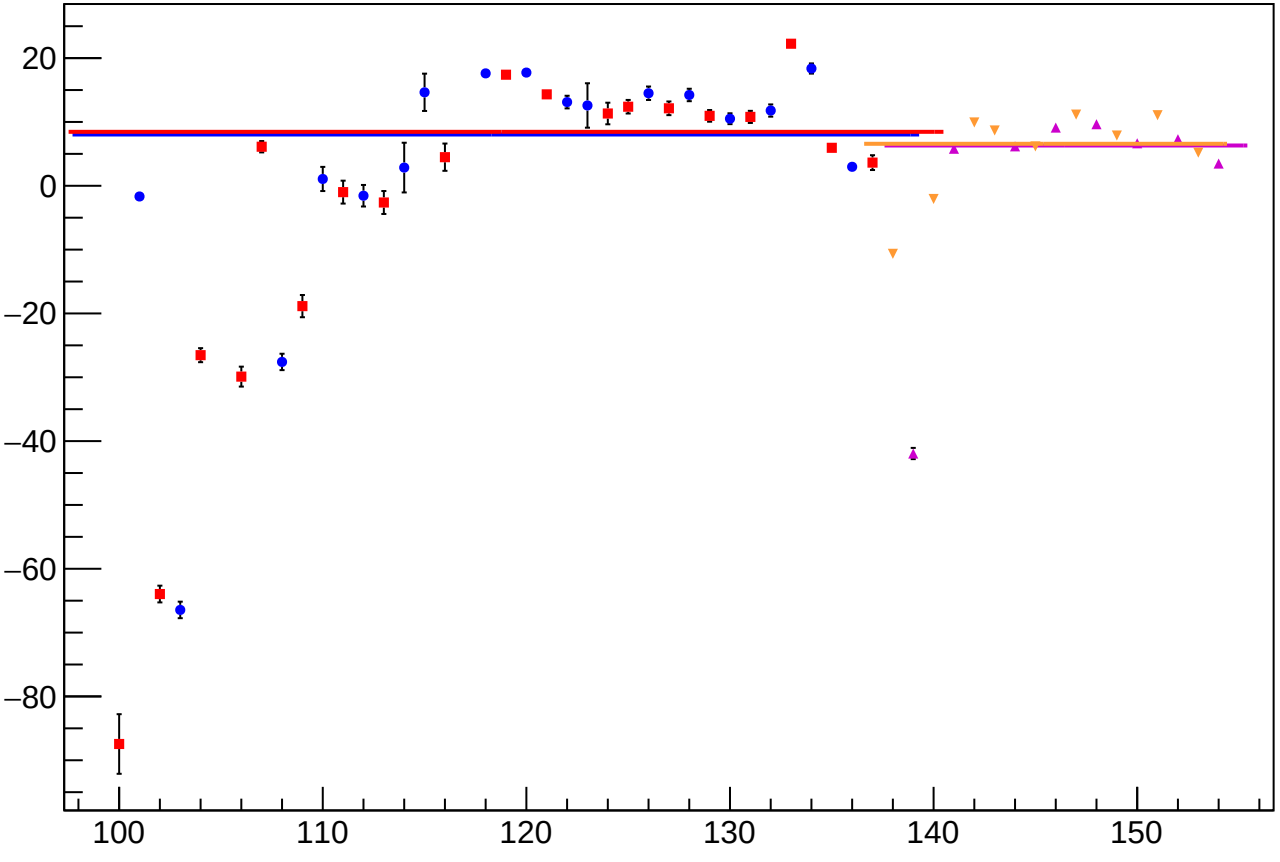
Left In: 3.365+/-0.178 χ^2/NDF:957.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.587+/-0.126 χ^2/NDF: 3363.8/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036+/-0.215 χ^2/NDF: 5369.4/16

Left Out: 6.578+/-0.124 χ^2/NDF:1952.3/8

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

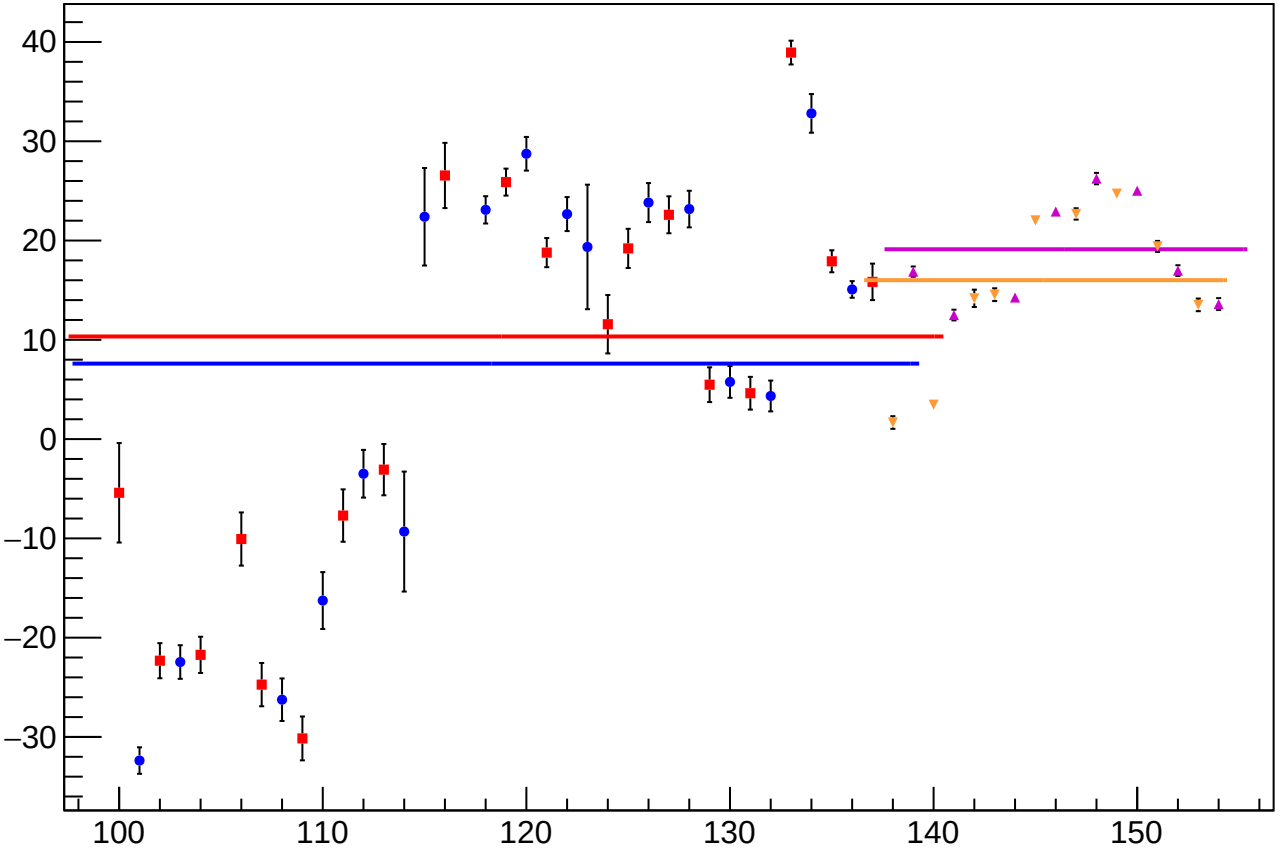
Left In: 6.312+/-0.126 χ^2/NDF:3284.2/7

+ sign 6.942+/-0.108 χ^2/NDF: 7356.2/25

All: 6.904+/-0.076 χ^2/NDF: 17419.9/52

- sign 6.864+/-0.108 χ^2/NDF: 10063.4/26

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604+/-0.416 χ^2/NDF: 2325.0/16

Left Out: 16.008+/-0.181 χ^2/NDF:2070.4/8

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

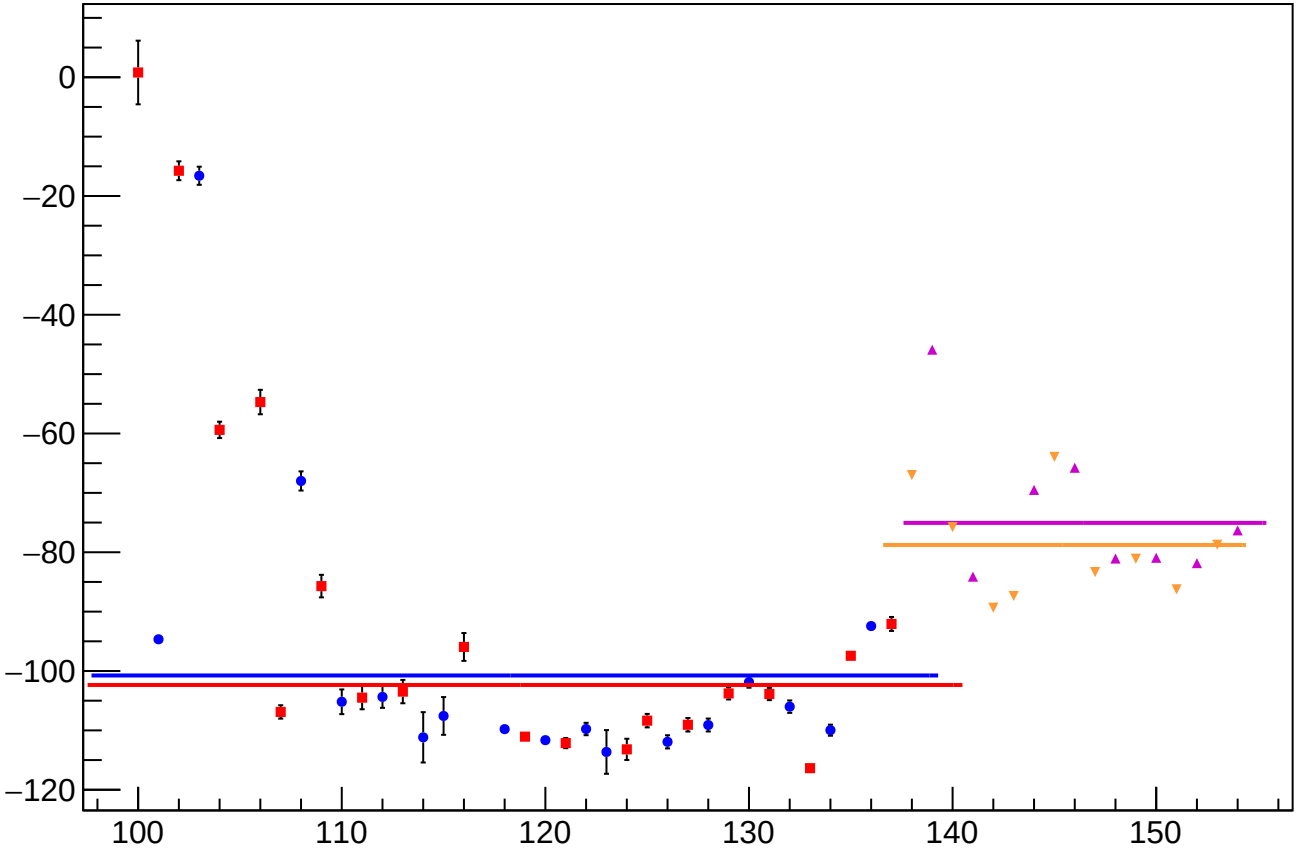
Left In: 19.120+/-0.177 χ^2/NDF:793.2/7

+ sign 14.670+/-0.166 χ^2/NDF: 4738.8/25

All: 16.249+/-0.116 χ^2/NDF: 8368.6/52

- sign 17.774+/-0.163 χ^2/NDF: 3451.6/26

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753+/-0.248 χ^2/NDF: 4522.6/16

Left Out: -78.773+/-0.152 χ^2/NDF:2921.5/8

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

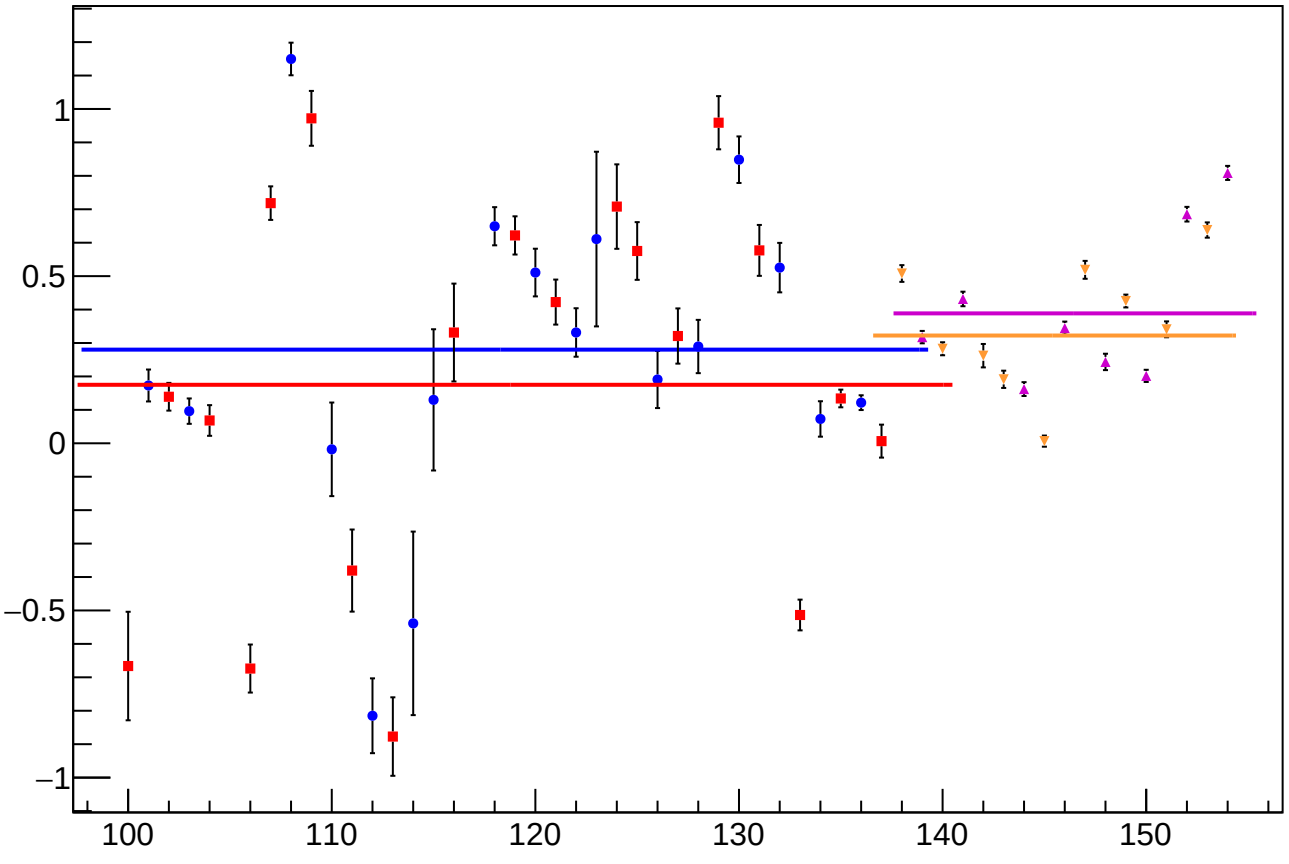
Left In: -75.053+/-0.152 χ^2/NDF:3212.0/7

+ sign -84.752+/-0.129 χ^2/NDF: 13161.9/25

All: -83.688+/-0.092 χ^2/NDF: 31475.7/52

- sign -82.619+/-0.130 χ^2/NDF: 18178.1/26

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: 0.322+/-0.007 χ^2/NDF:721.4/8

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

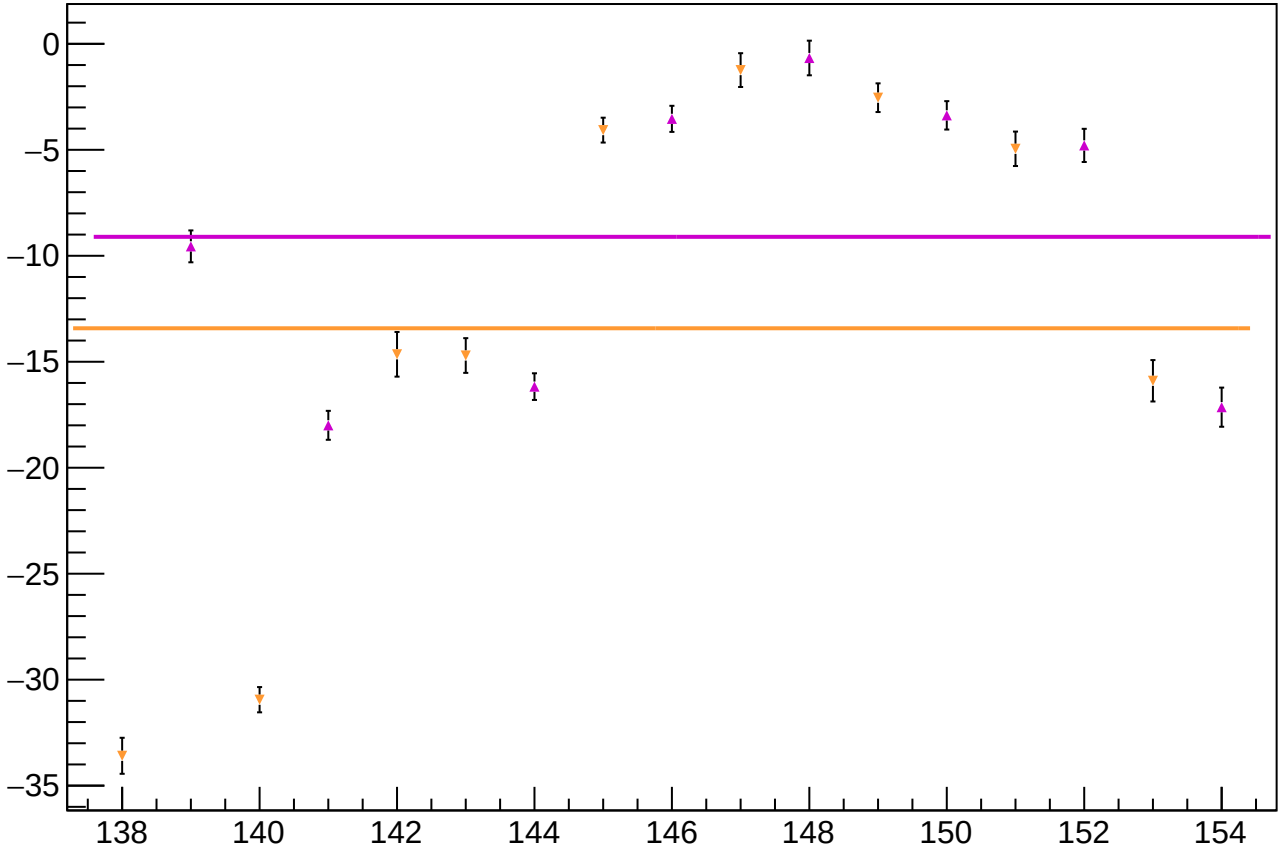
Left In: 0.389+/-0.007 χ^2/NDF:864.9/7

+ sign 0.312+/-0.007 χ^2/NDF: 1384.9/25

All: 0.327+/-0.005 χ^2/NDF: 3421.4/52

- sign 0.340+/-0.006 χ^2/NDF: 2027.1/26

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.421+/-0.251 χ^2/NDF:2293.2/8

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

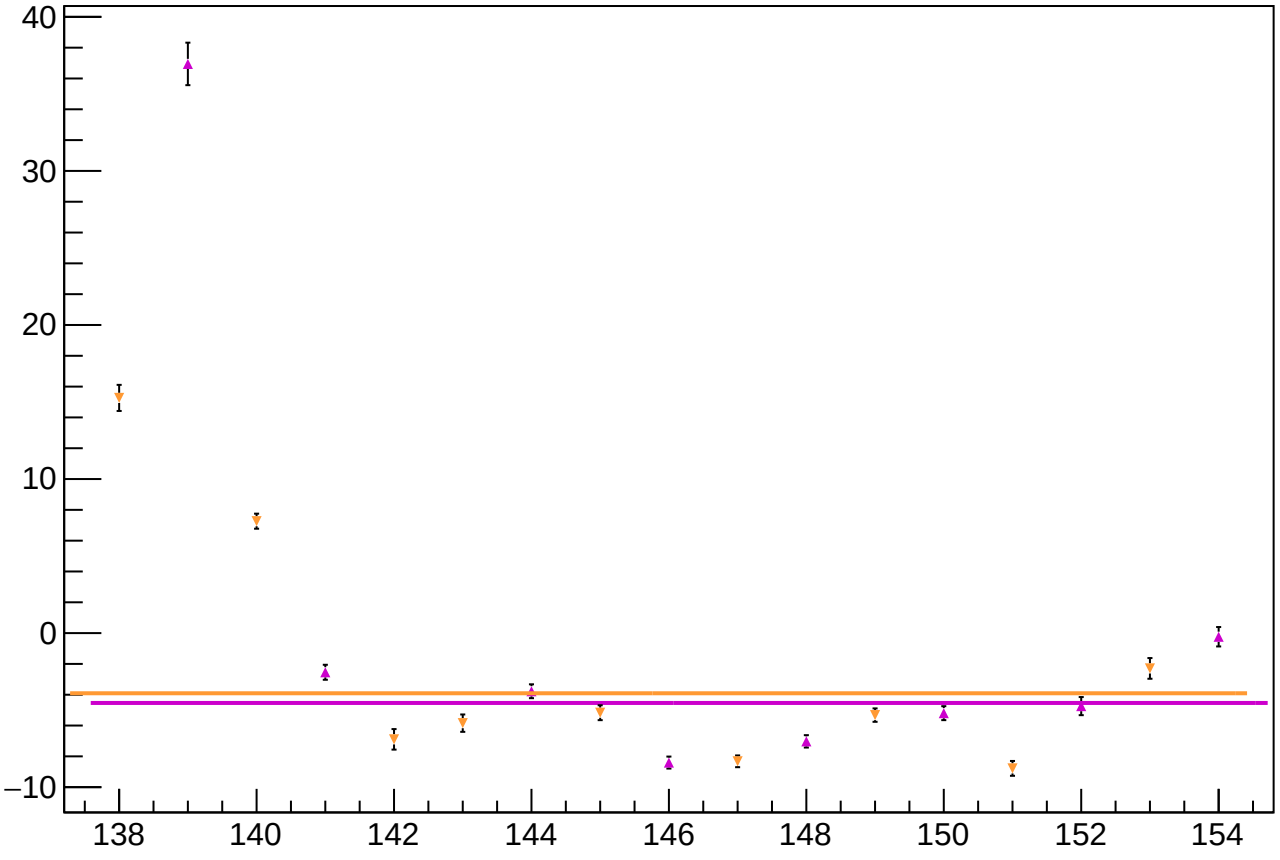
Left In: -9.105+/-0.253 χ^2/NDF:664.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -11.277+/-0.178 χ^2/NDF: 3103.5/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -3.905+/-0.172 χ^2/NDF:1326.1/8

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

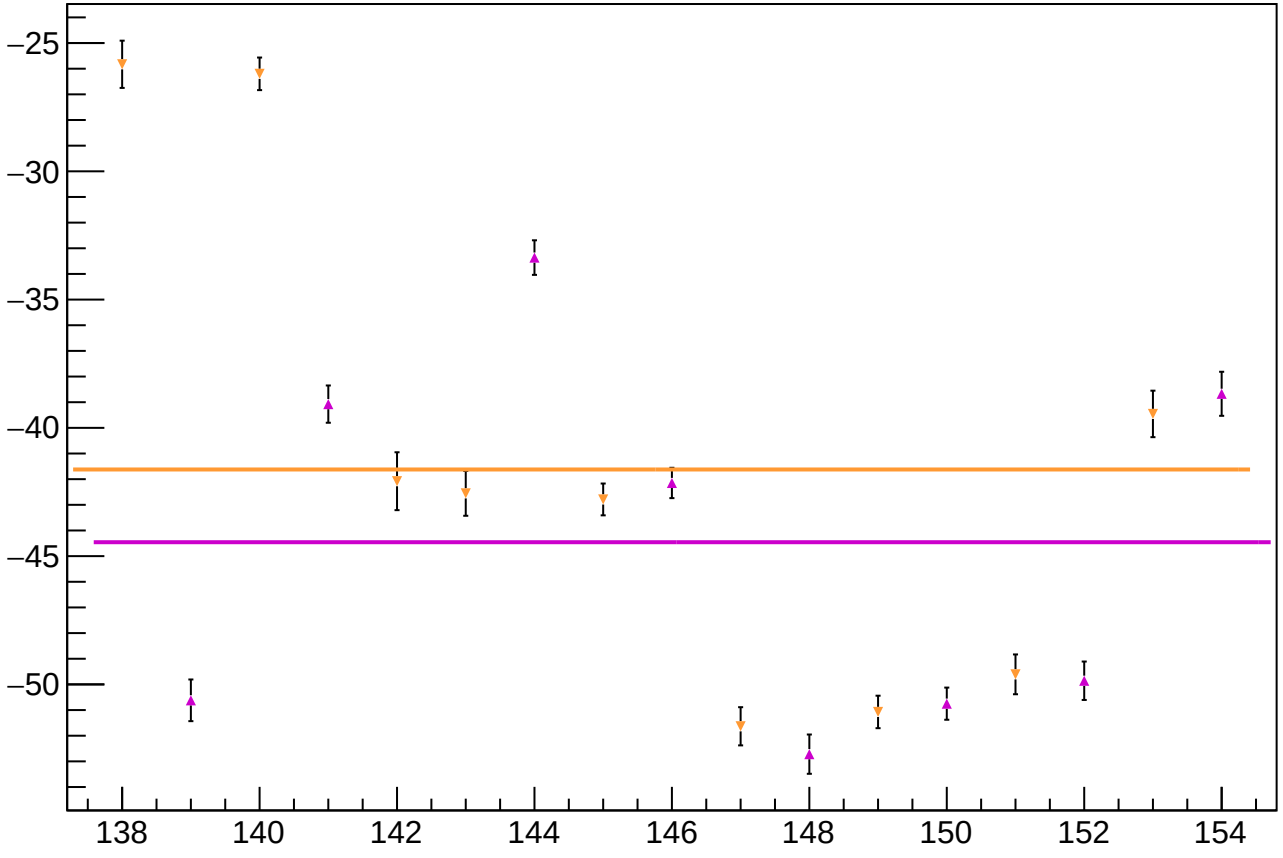
Left In: -4.534+/-0.175 χ^2/NDF:1110.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.214+/-0.122 χ^2/NDF: 2443.0/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -41.622+/-0.254 χ^2/NDF:1404.4/8

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

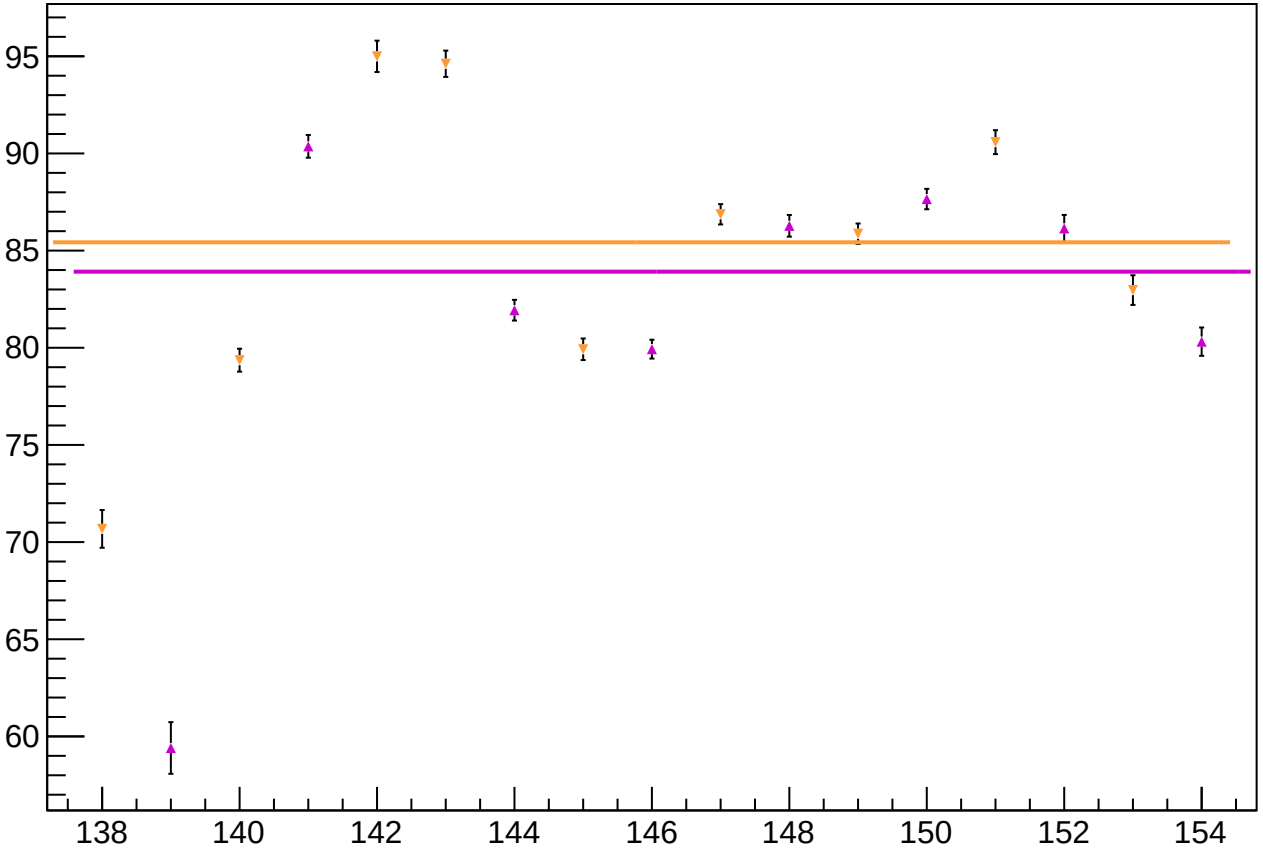
Left In: -44.458+/-0.251 χ^2/NDF:713.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -43.055+/-0.178 χ^2/NDF: 2181.0/16

- 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: 85.428+/-0.211 χ^2/NDF:848.1/8

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

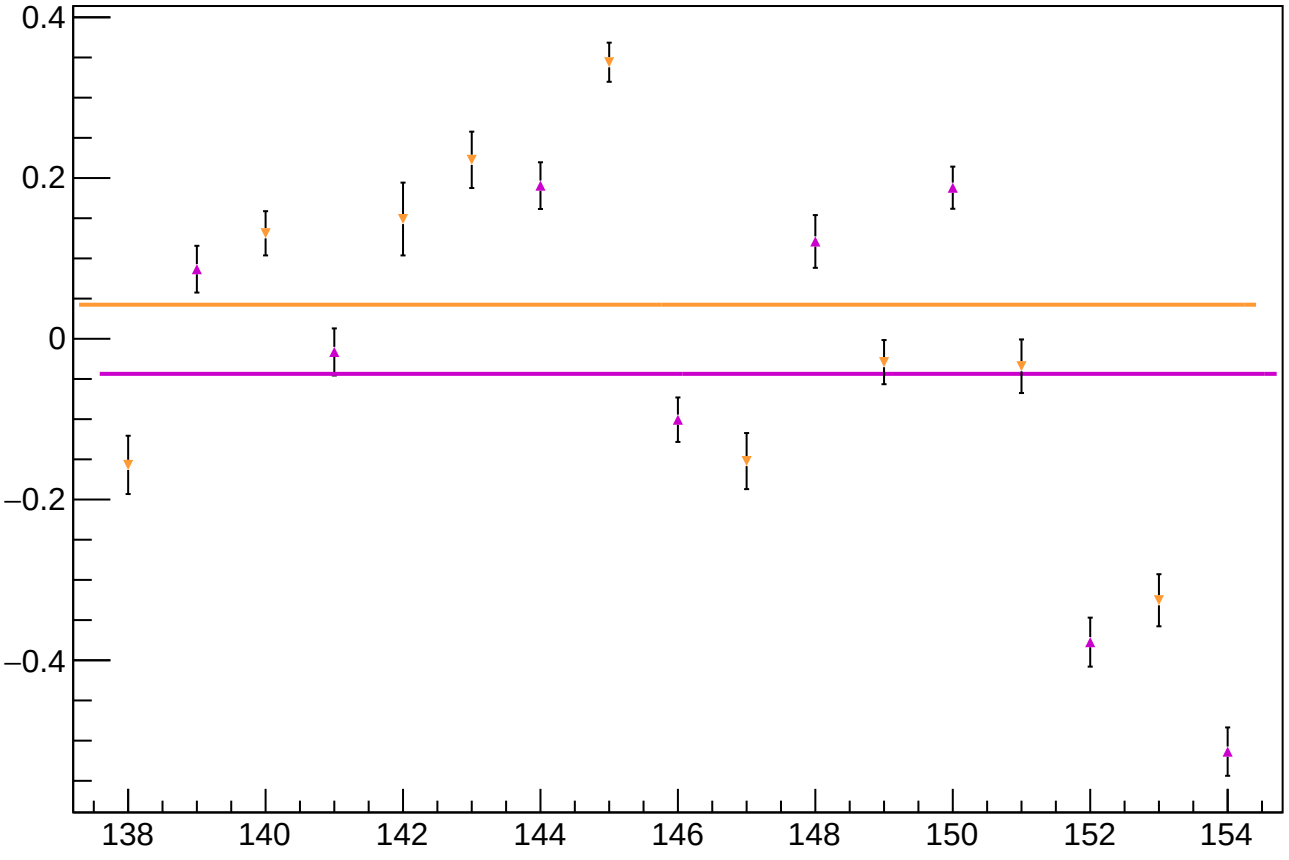
Left In: 83.915+/-0.213 χ^2/NDF:645.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 84.680+/-0.150 χ^2/NDF: 1519.4/16

- 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: 0.042+/-0.011 χ^2/NDF:398.2/8

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

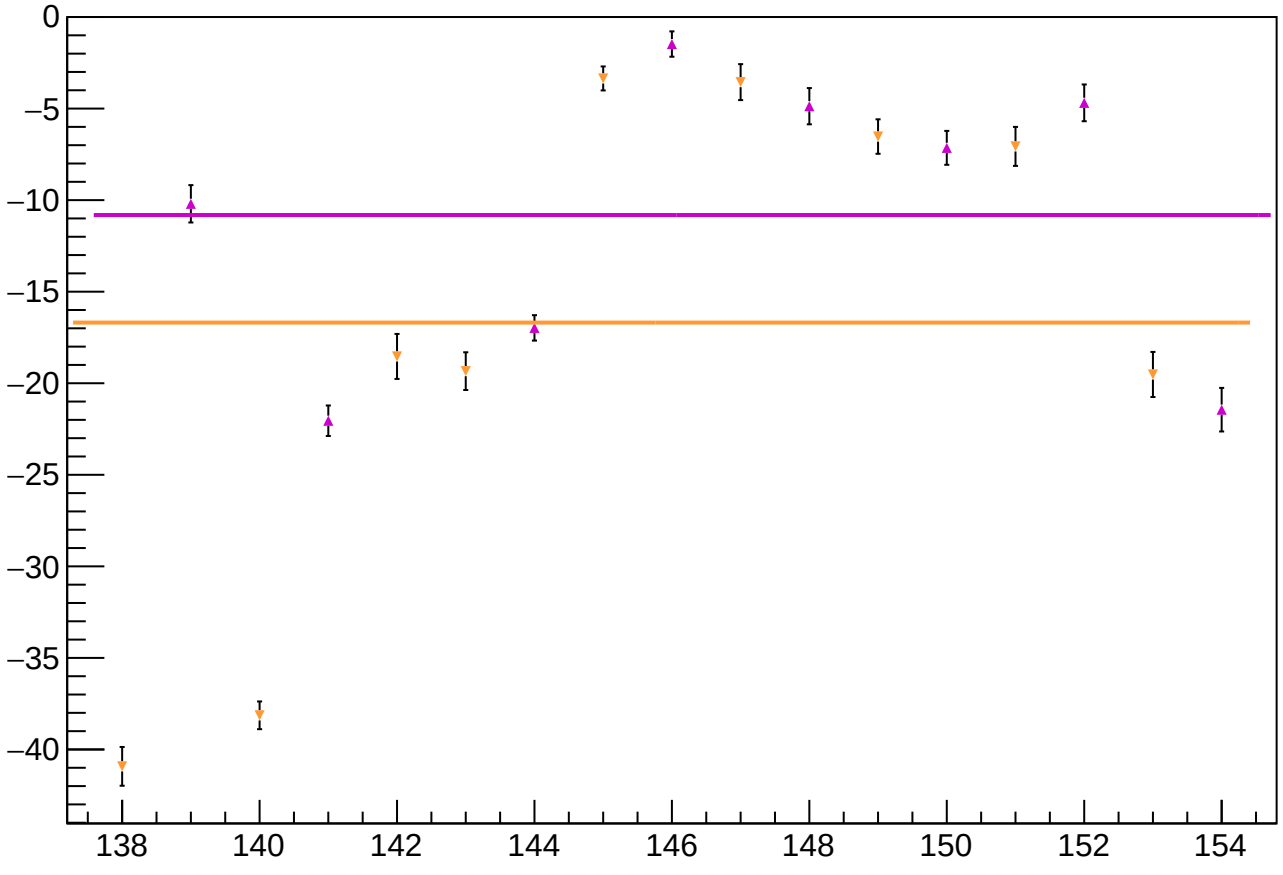
Left In: -0.044+/-0.010 χ^2/NDF:557.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.001+/-0.007 χ^2/NDF: 989.6/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -16.687+/-0.312 χ^2/NDF:2132.8/8

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

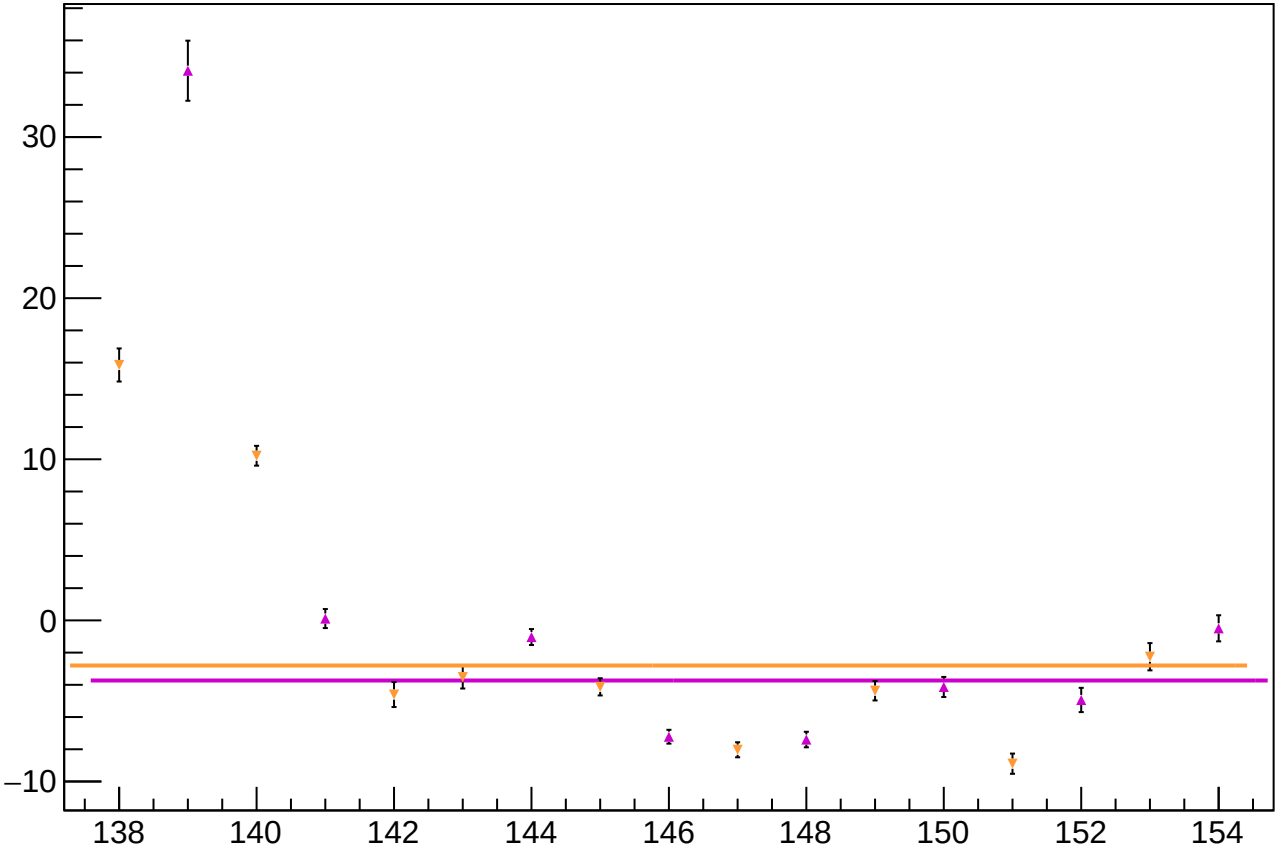
Left In: -10.813+/-0.309 χ^2/NDF:611.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.726+/-0.220 χ^2/NDF: 2923.5/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -2.801+/-0.213 χ^2/NDF:1018.7/8

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

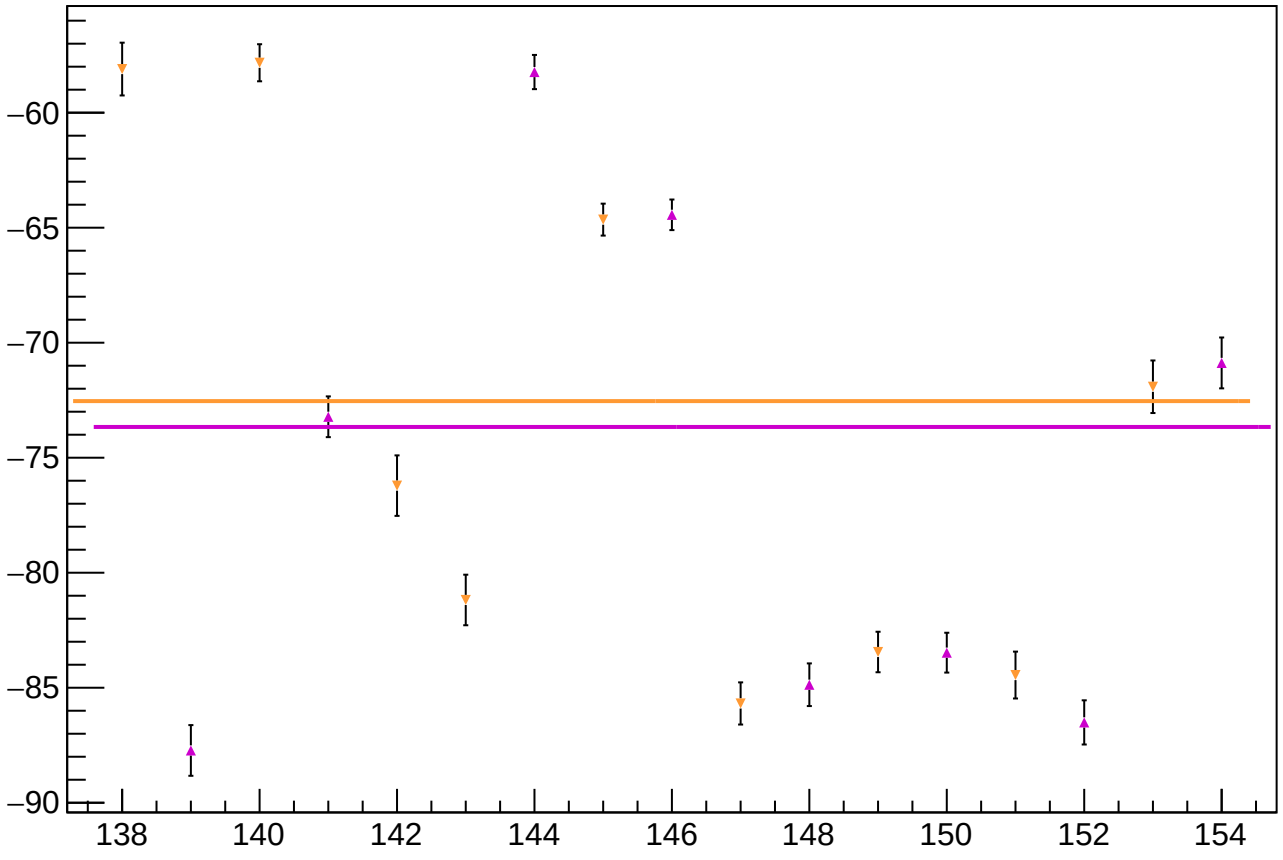
Left In: -3.732+/-0.209 χ^2/NDF:626.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -3.274+/-0.149 χ^2/NDF: 1655.2/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -72.539+/-0.316 χ^2/NDF:1186.3/8

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

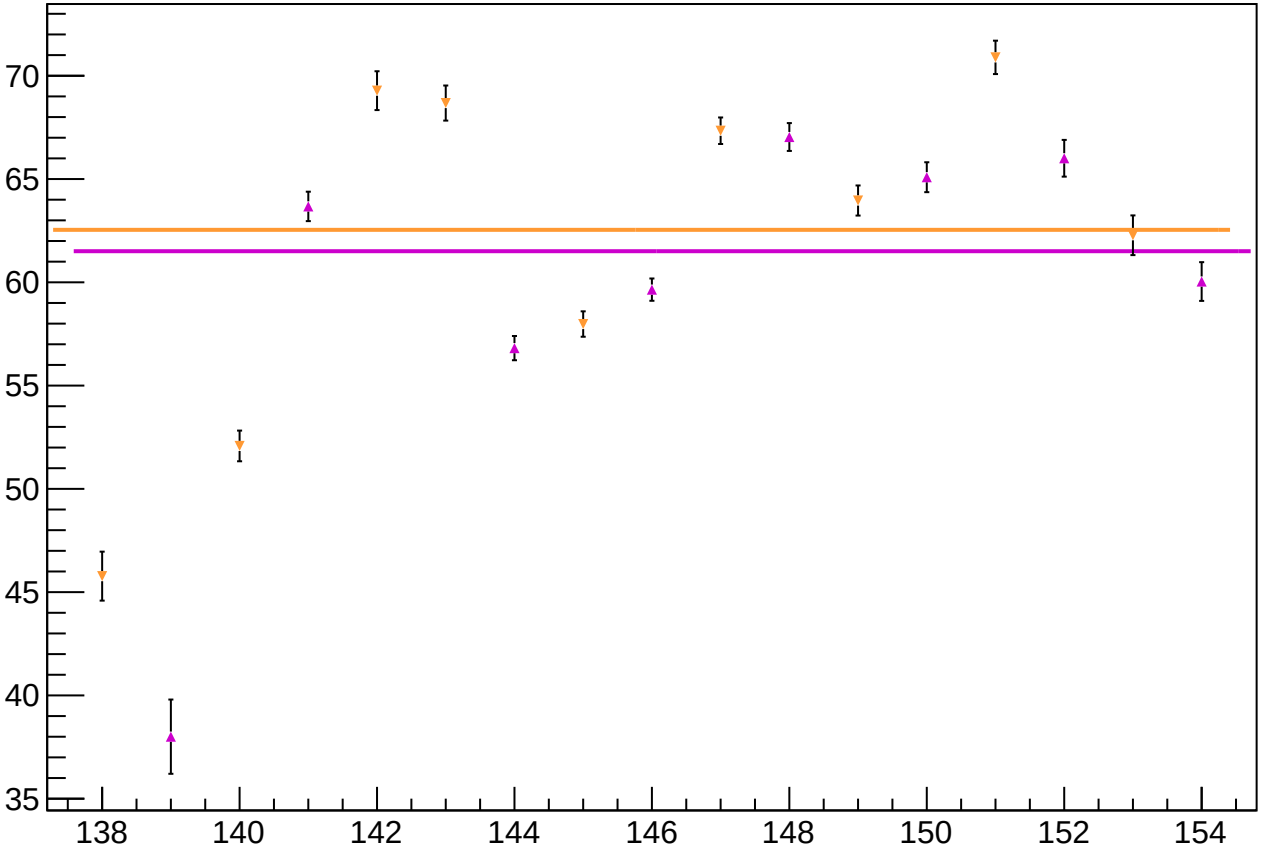
Left In: -73.663+/-0.308 χ^2/NDF:1245.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -73.116+/-0.221 χ^2/NDF: 2438.5/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 62.541+/-0.262 χ^2/NDF:723.2/8

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

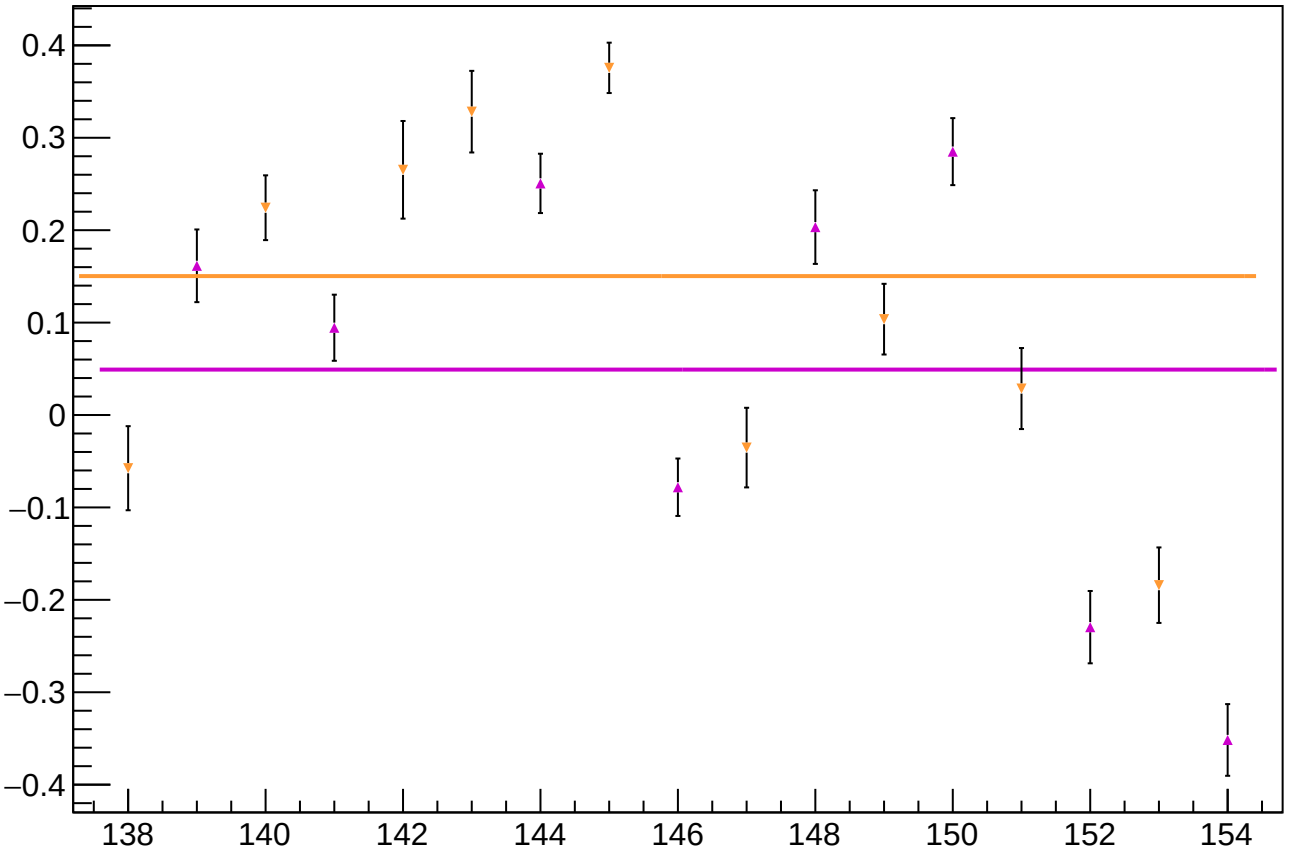
Left In: 61.506+/-0.257 χ^2/NDF:375.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 62.014+/-0.183 χ^2/NDF: 1107.1/16

- 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: 0.150+/-0.013 χ^2/NDF:209.5/8

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

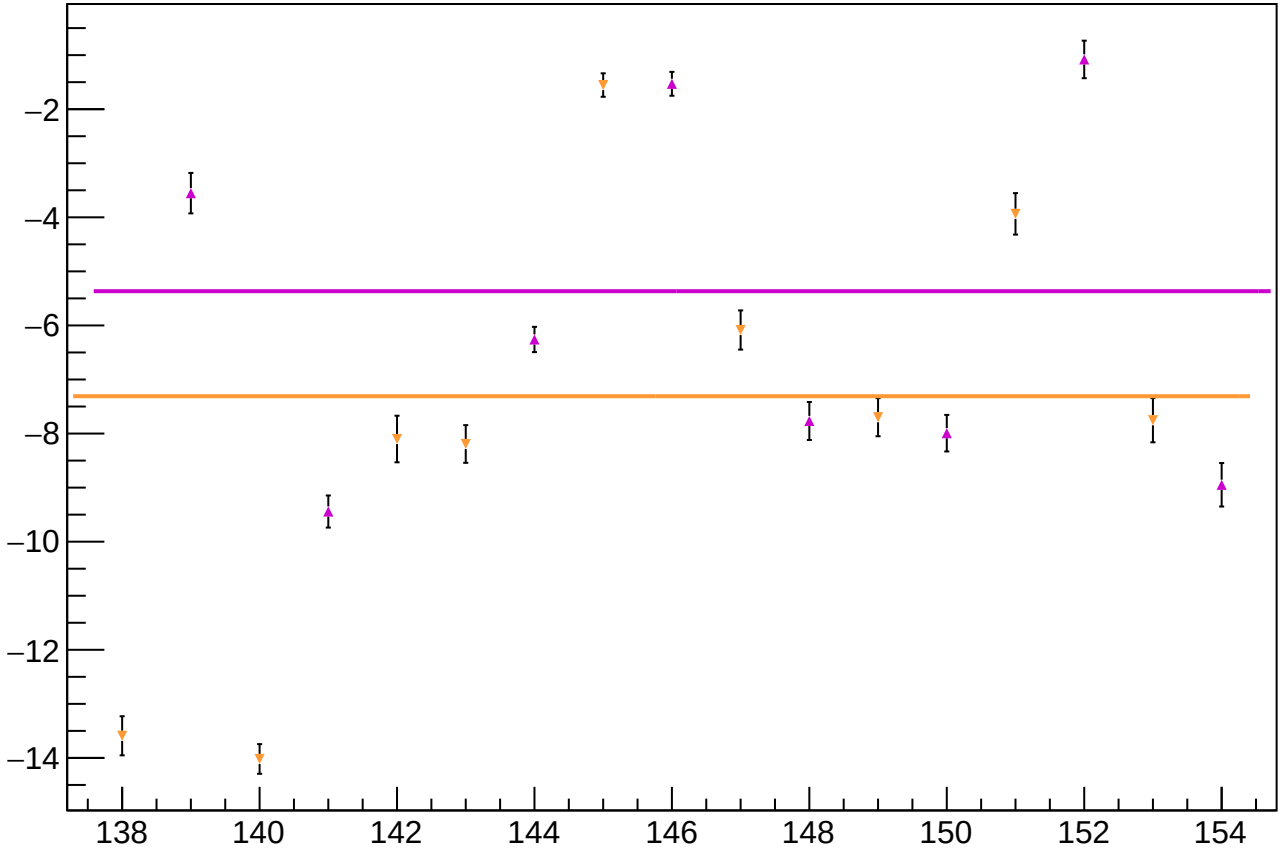
Left In: 0.049+/-0.013 χ^2/NDF:280.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.099+/-0.009 χ^2/NDF: 520.9/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



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

Left Out: -7.309+/-0.109 χ^2/NDF:1703.2/8

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

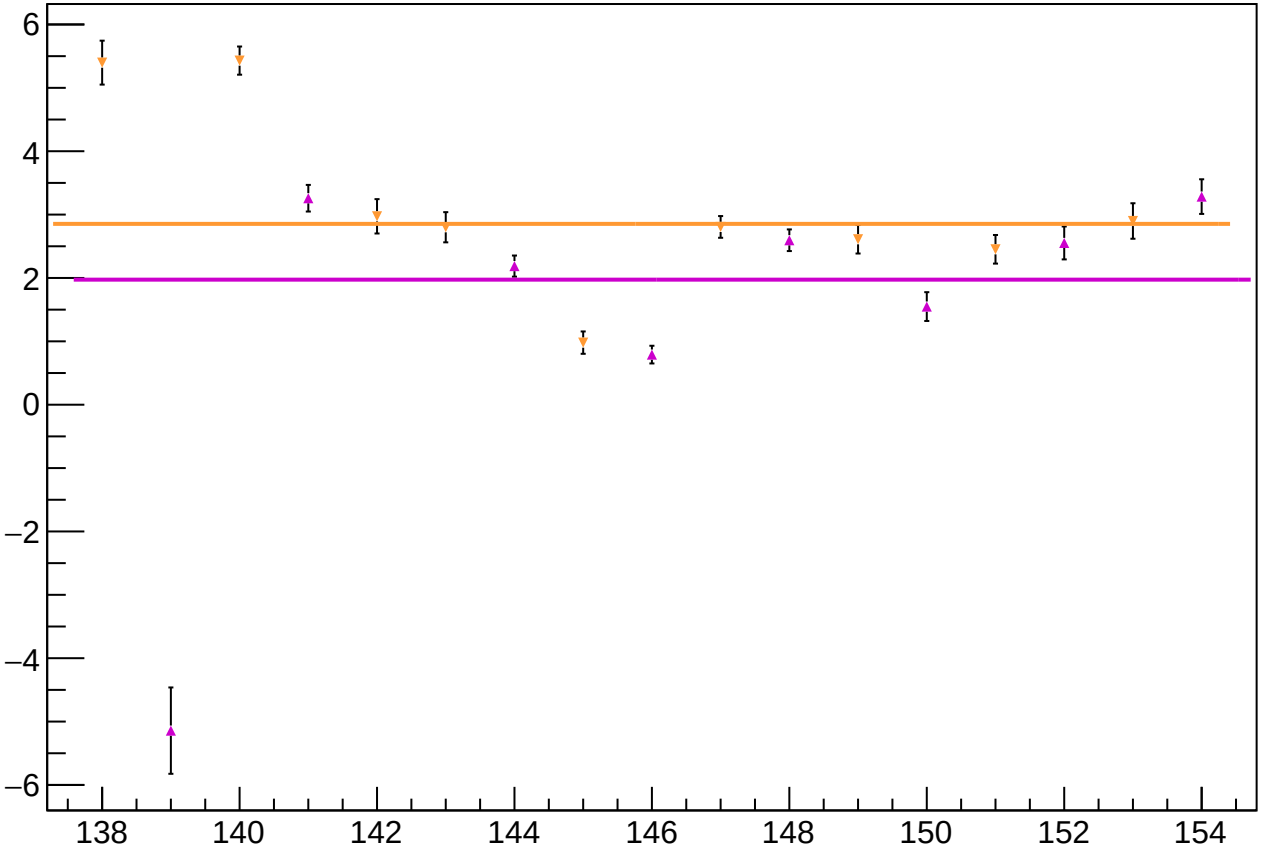
Left In: -5.366+/-0.106 χ^2/NDF:867.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -6.313+/-0.076 χ^2/NDF: 2733.3/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 2.853+/-0.075 χ^2/NDF:305.8/8

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

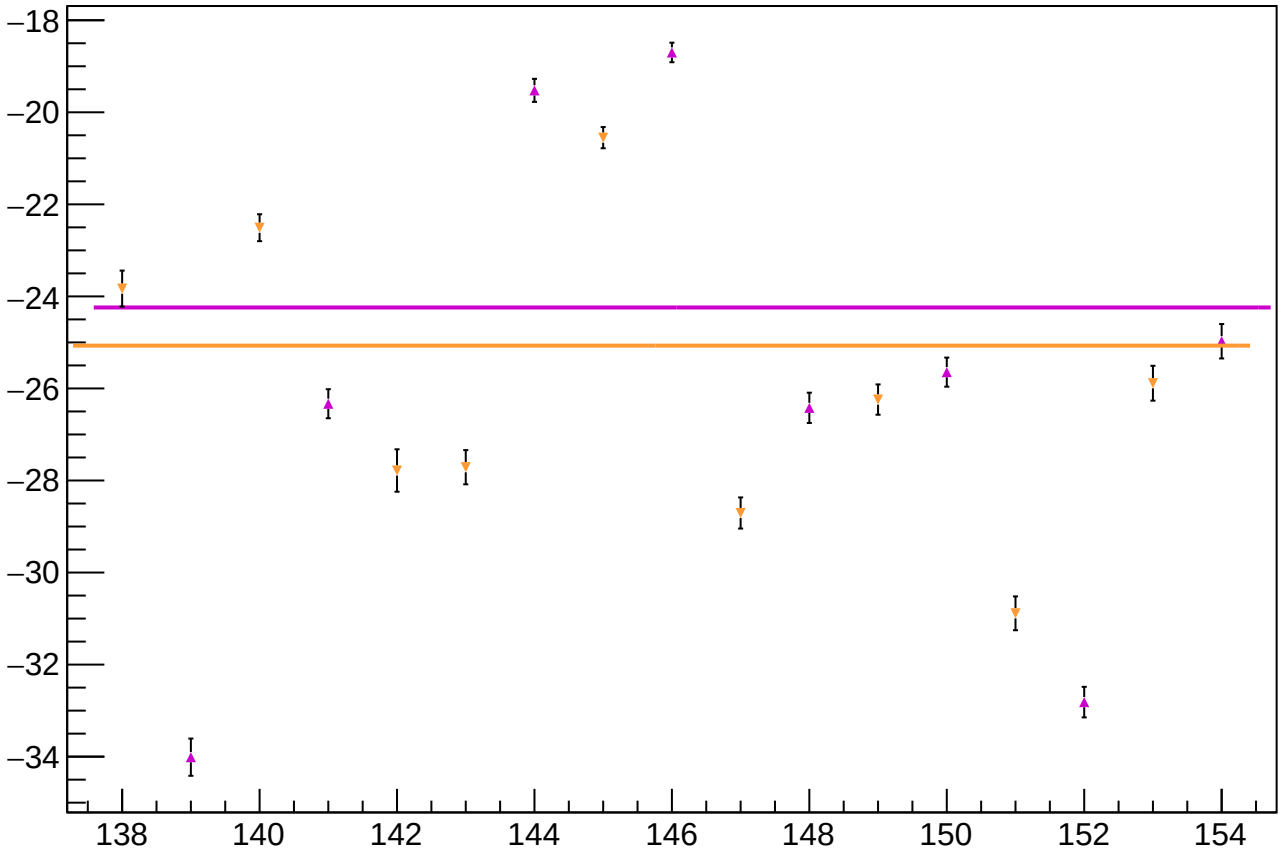
Left In: 1.973+/-0.072 χ^2/NDF:264.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 2.395+/-0.052 χ^2/NDF: 642.4/16

- 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: -25.070+/-0.111 χ^2/NDF:939.9/8

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

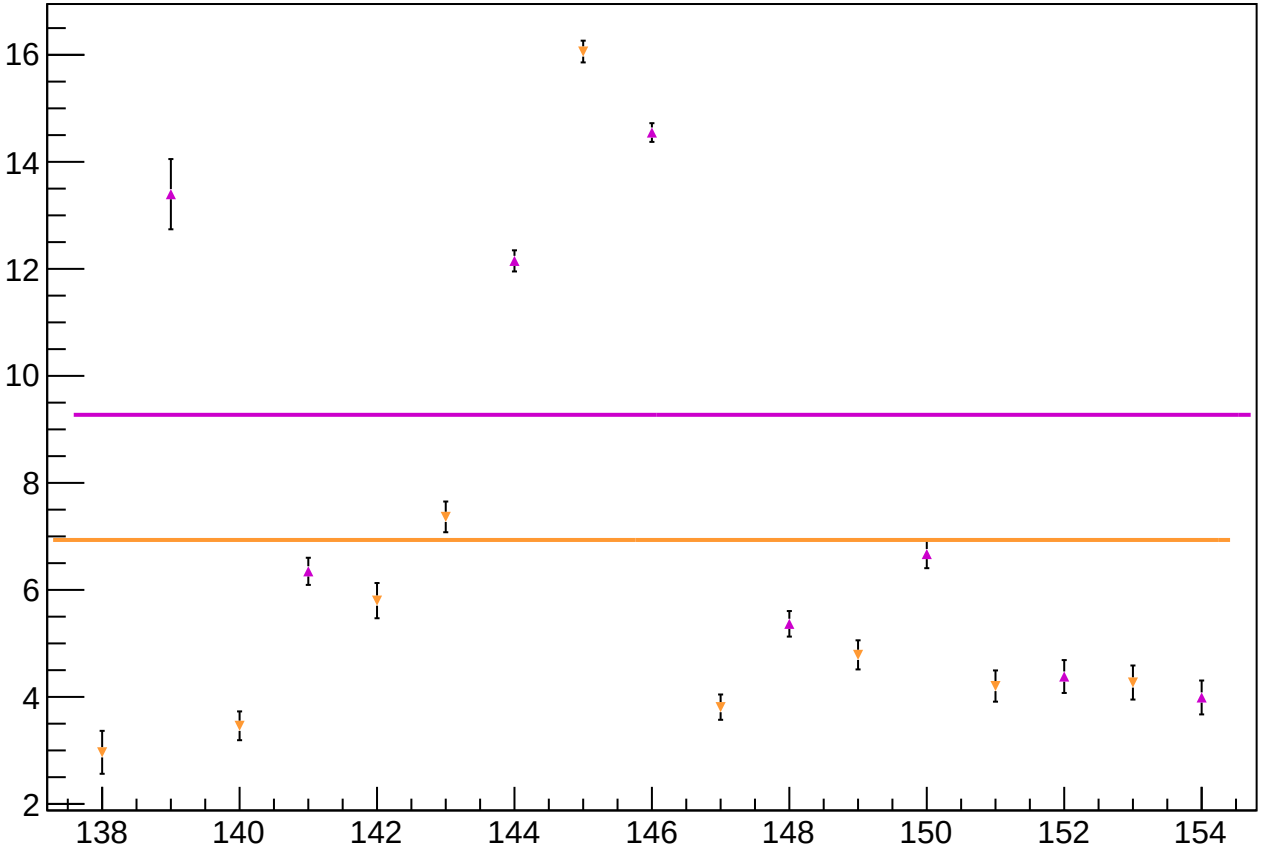
Left In: -24.241+/-0.106 χ^2/NDF:2395.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -24.635+/-0.076 χ^2/NDF: 3365.0/16

- 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: 6.934+/-0.092 χ^2/NDF:2690.8/8

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

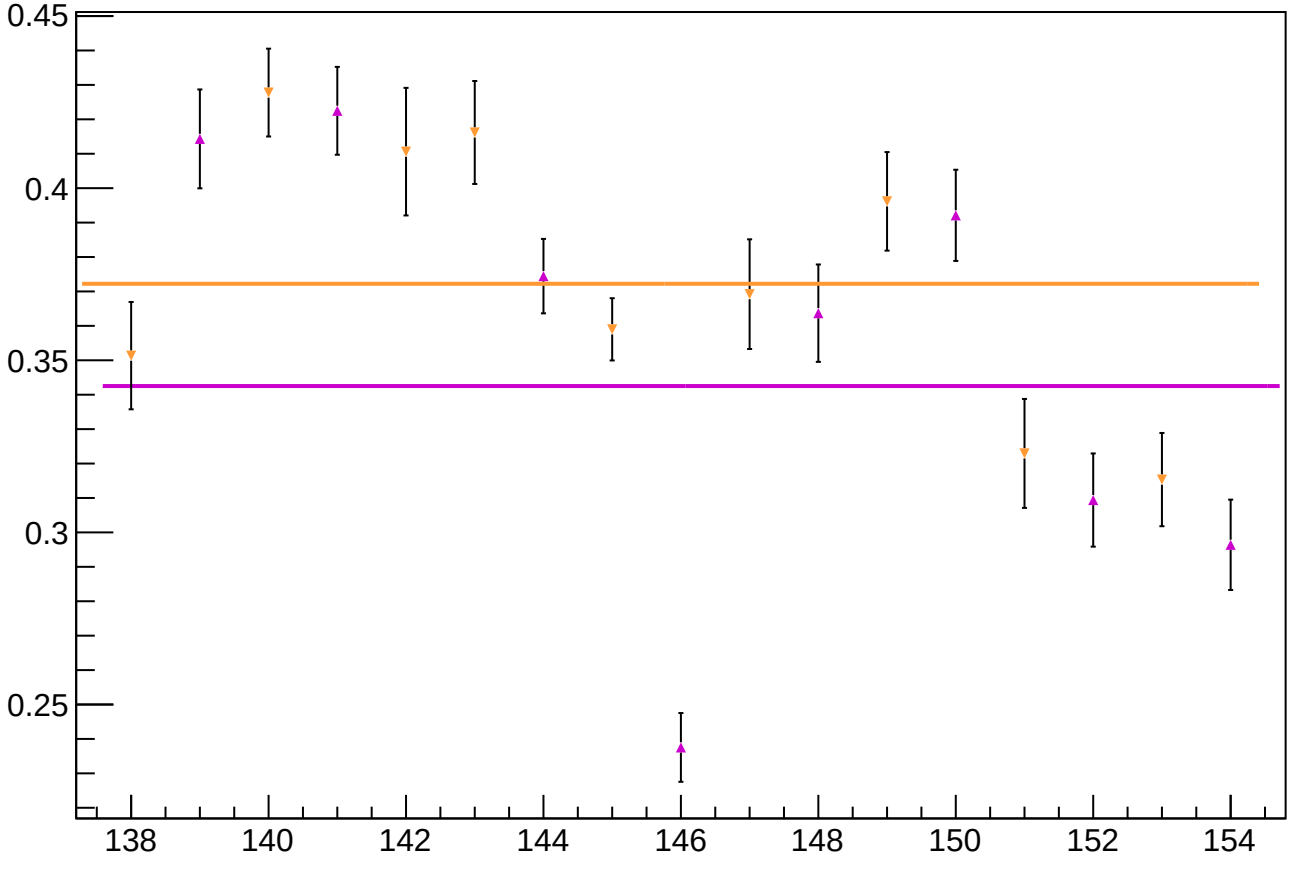
Left In: 9.272+/-0.088 χ^2/NDF:2190.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.150+/-0.064 χ^2/NDF: 5218.7/16

- 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: 0.372+/-0.005 χ^2/NDF:66.0/8

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

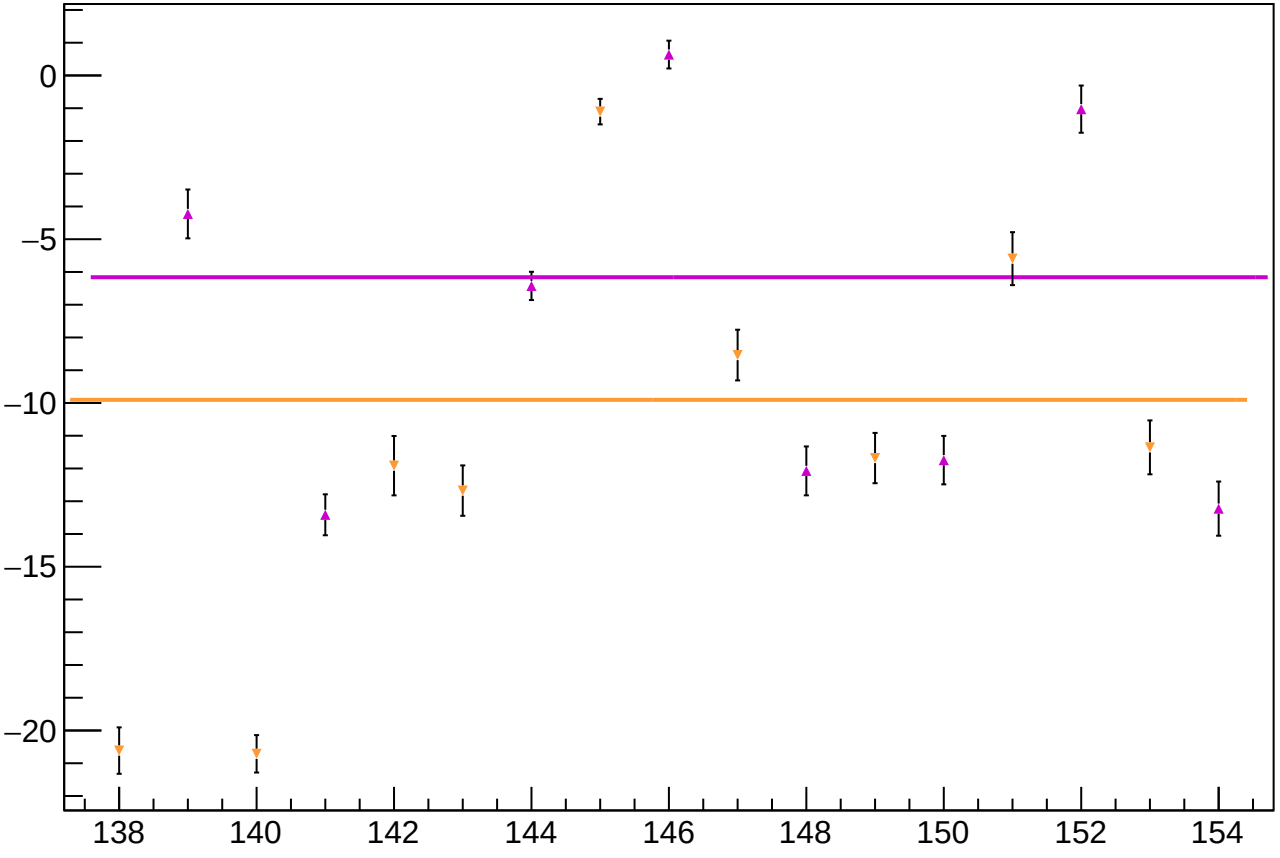
Left In: 0.343+/-0.004 χ^2/NDF:218.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.357+/-0.003 χ^2/NDF: 306.0/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.904+/-0.219 χ^2/NDF:1153.0/8

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

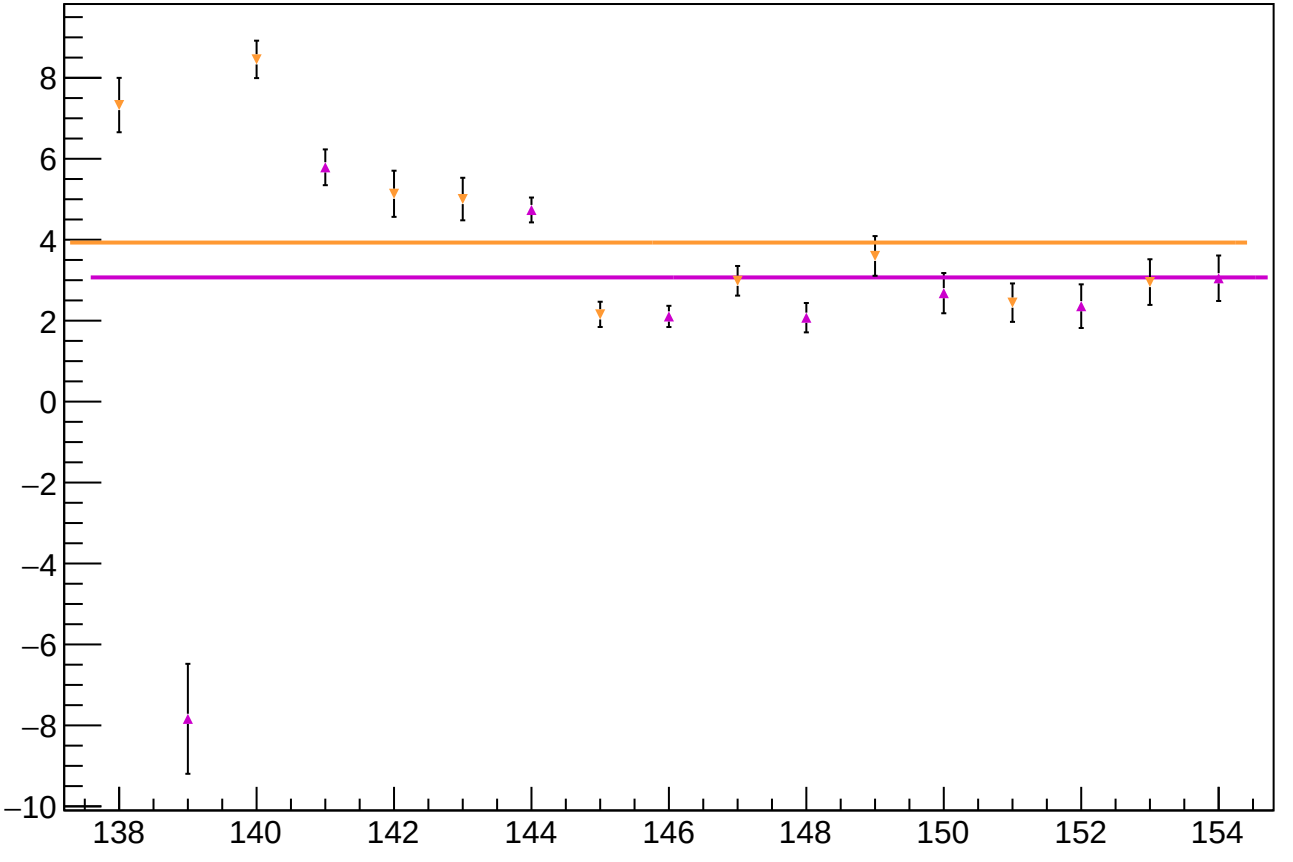
Left In: -6.161+/-0.212 χ^2/NDF:642.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.972+/-0.152 χ^2/NDF: 1946.2/16

- 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: 3.930+/-0.152 χ^2/NDF:182.3/8

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

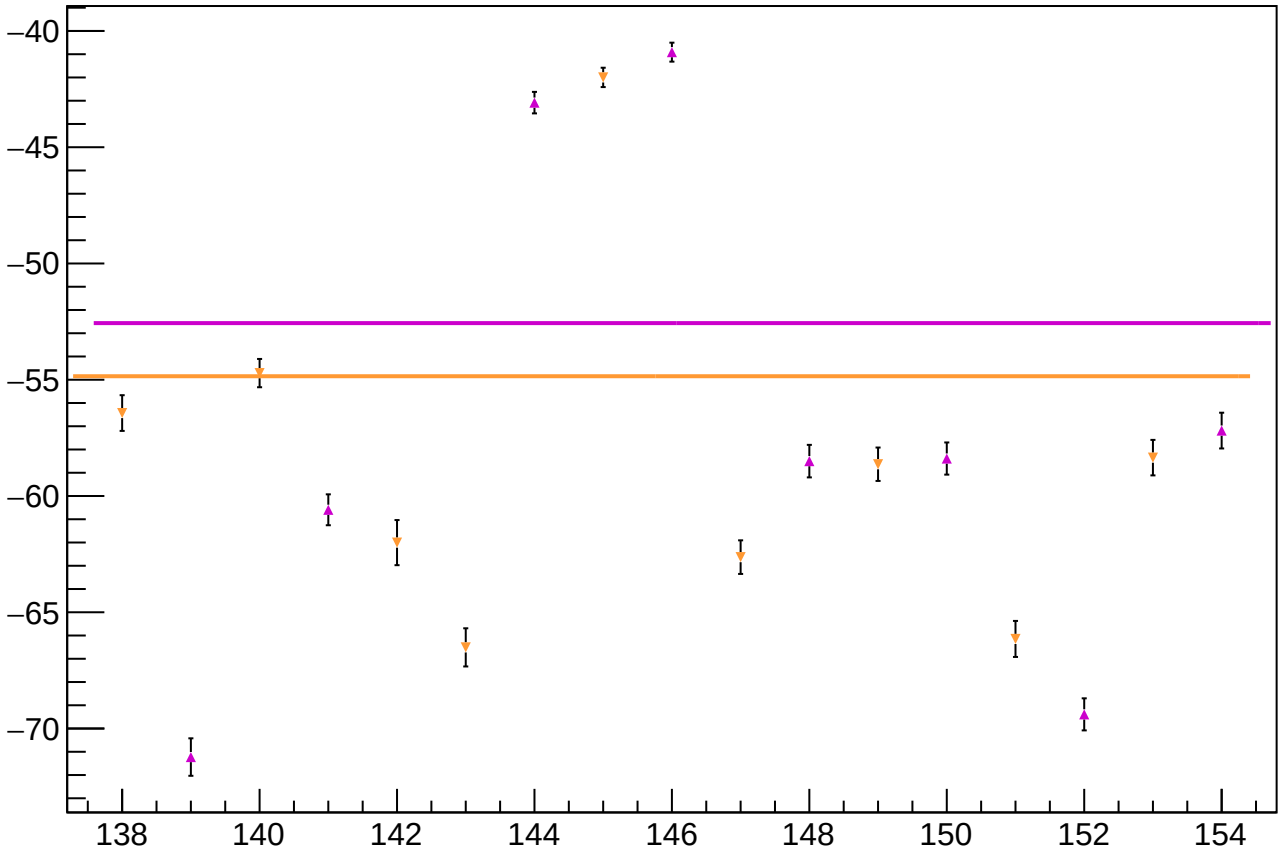
Left In: 3.069+/-0.143 χ^2/NDF:155.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.471+/-0.104 χ^2/NDF: 354.4/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -54.849+/-0.224 χ^2/NDF:1592.8/8

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

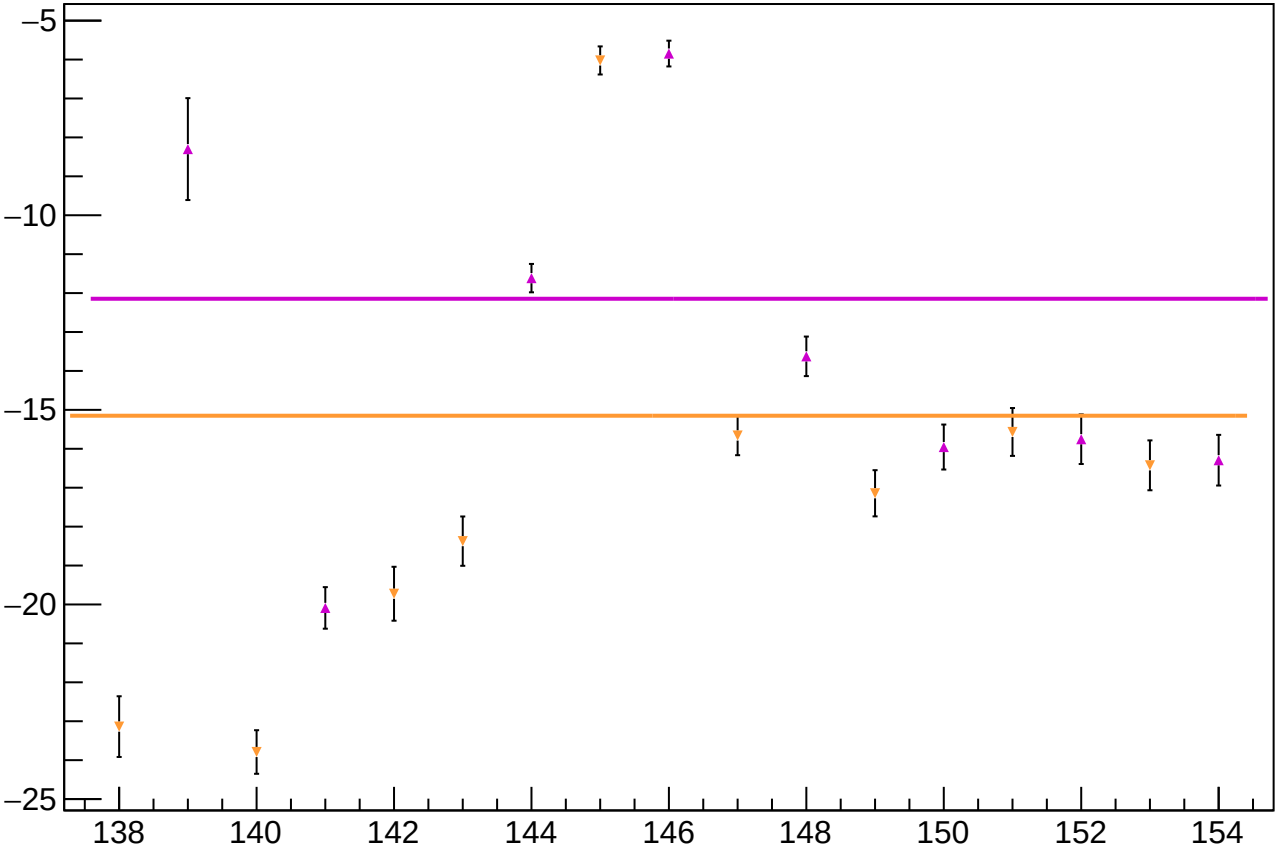
Left In: -52.564+/-0.211 χ^2/NDF:2693.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -53.641+/-0.154 χ^2/NDF: 4341.3/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -15.151+/-0.186 χ^2/NDF:1068.9/8

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

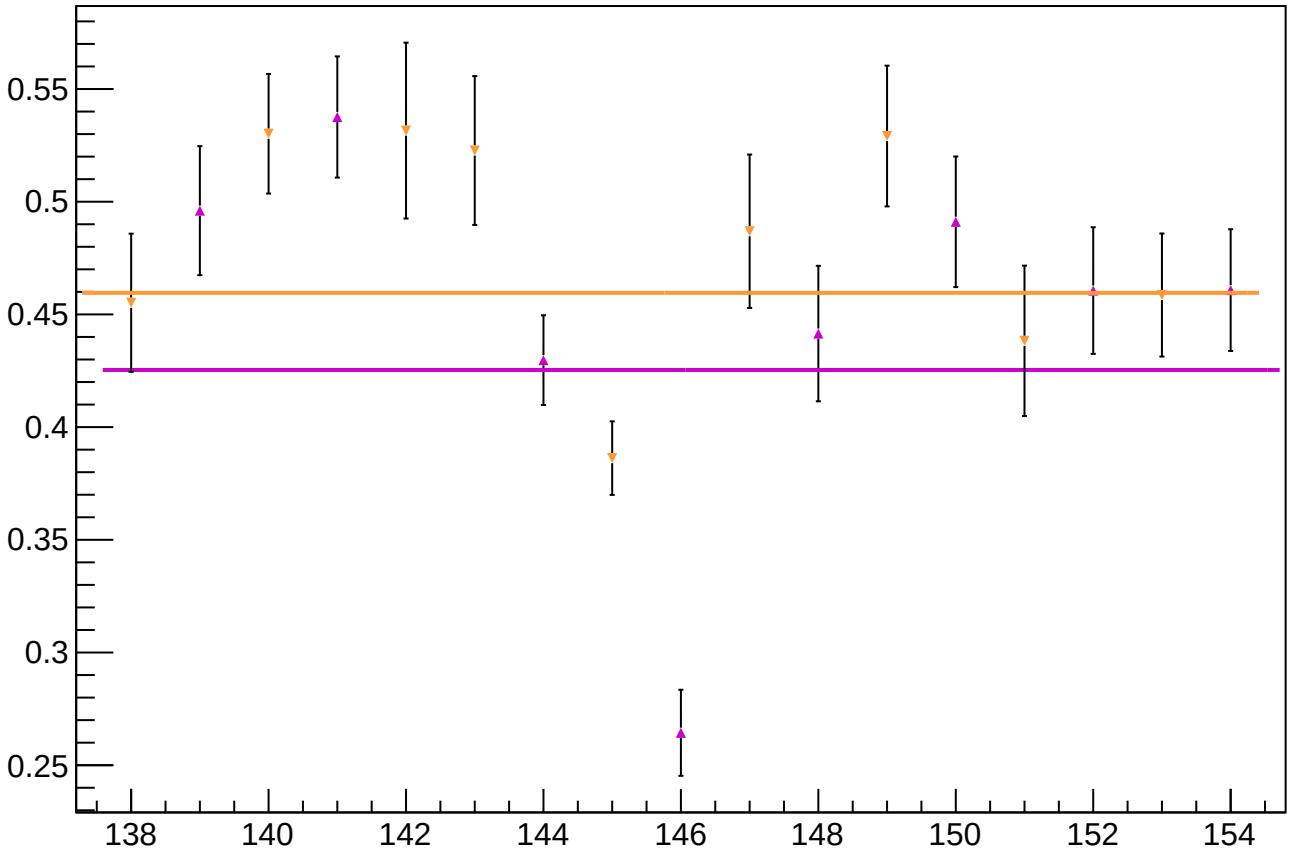
Left In: -12.146+/-0.176 χ^2/NDF:718.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.562+/-0.128 χ^2/NDF: 1925.5/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.460+/-0.009 χ^2/NDF:40.4/8

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

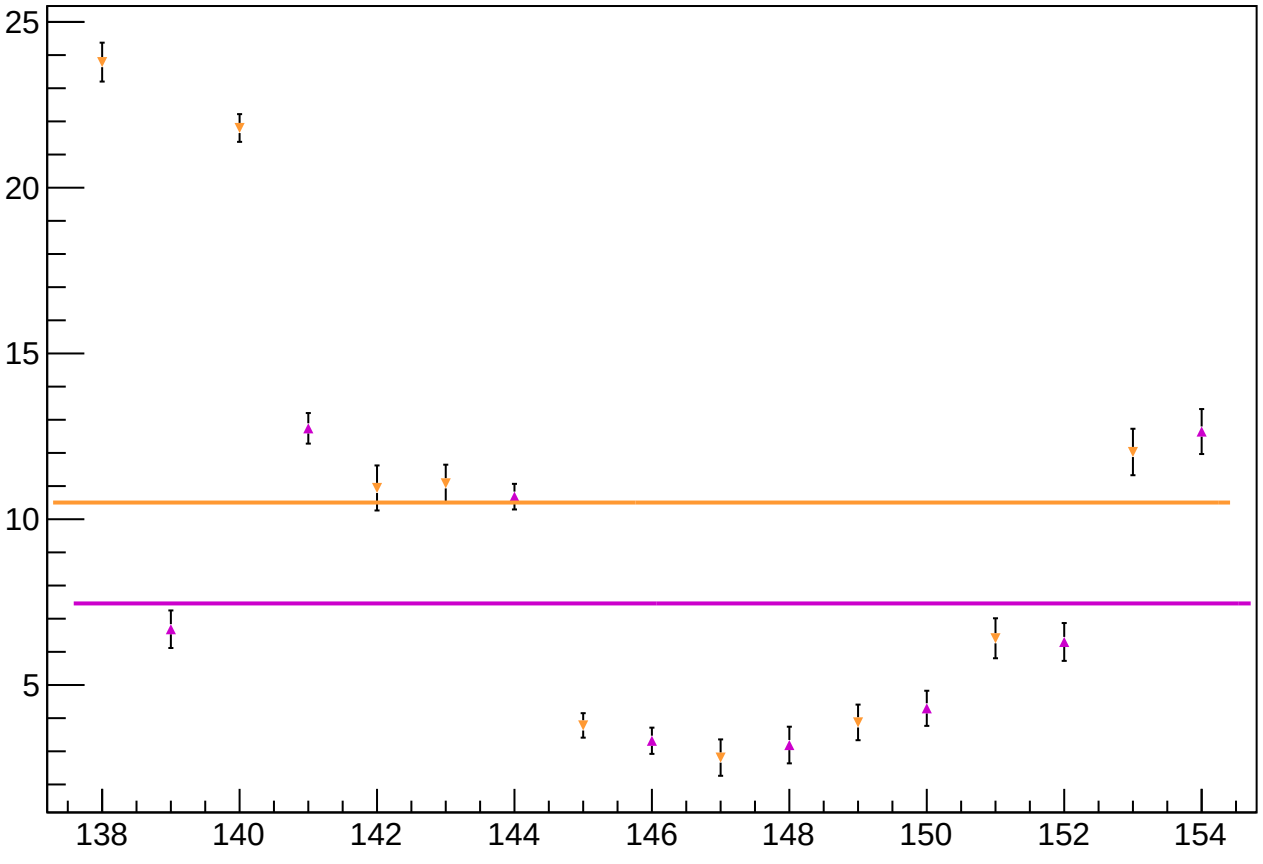
Left In: 0.425+/-0.009 χ^2/NDF:103.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.442+/-0.006 χ^2/NDF: 151.0/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 10.504+/-0.174 χ^2/NDF:1974.4/8

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

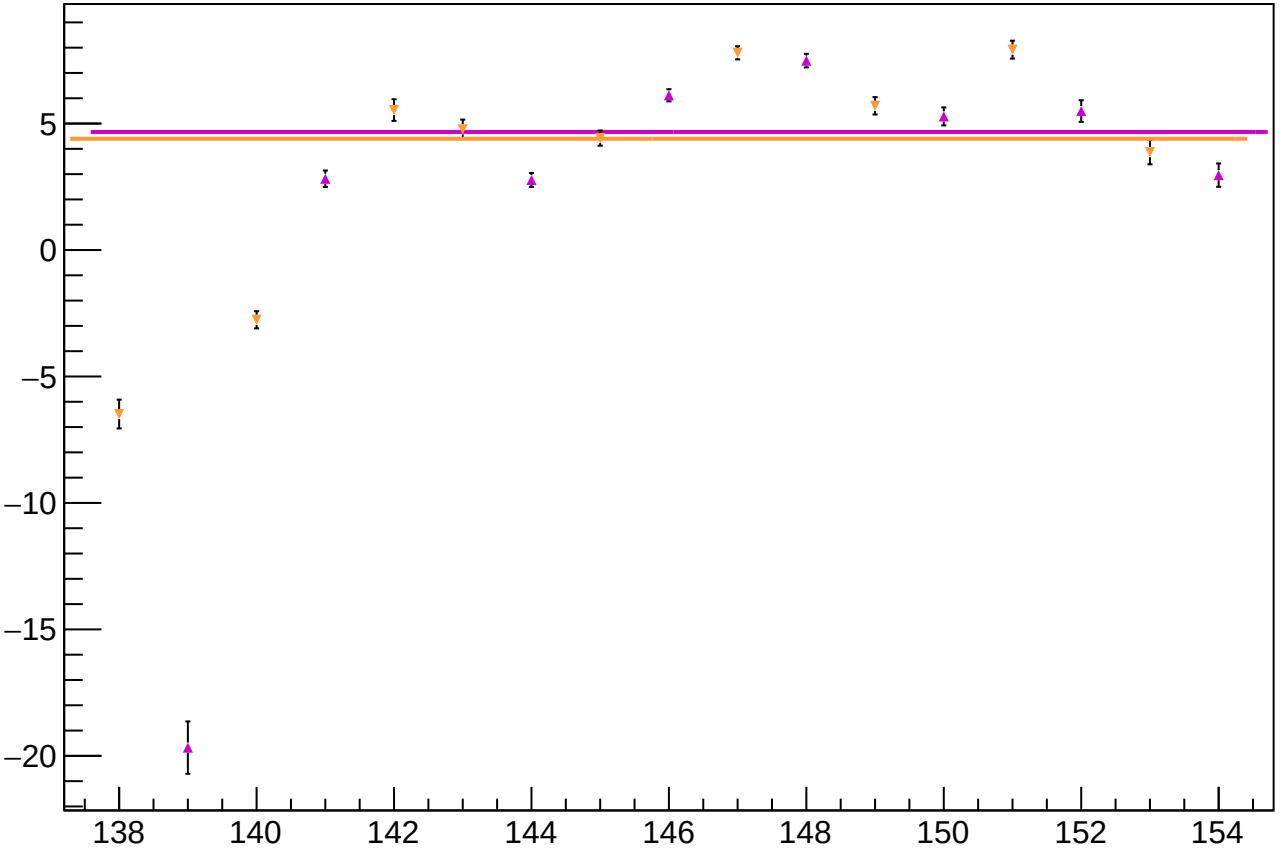
Left In: 7.460+/-0.174 χ^2/NDF:470.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 8.979+/-0.123 χ^2/NDF: 2597.1/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 4.398+/-0.119 χ^2/NDF:1101.7/8

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

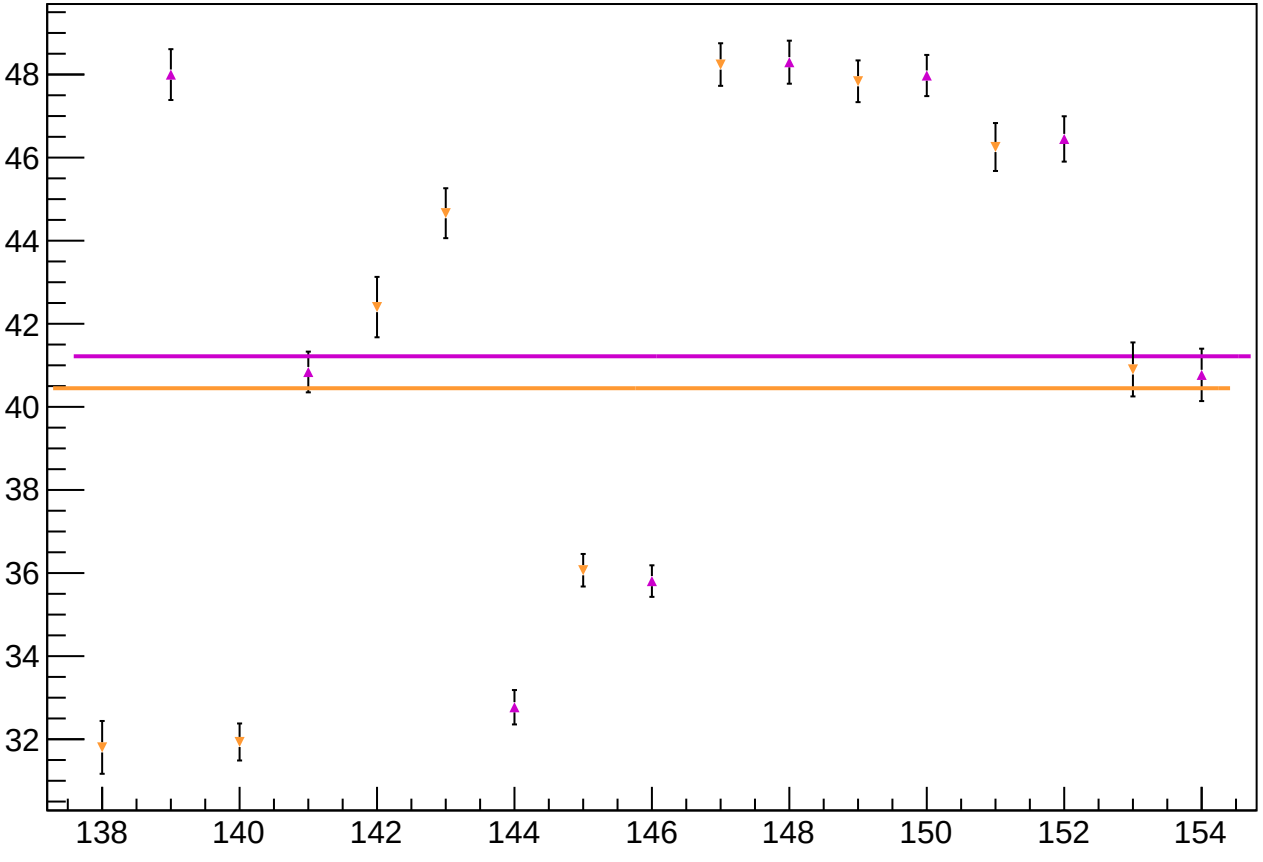
Left In: 4.668+/-0.117 χ^2/NDF:798.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 4.535+/-0.084 χ^2/NDF: 1902.7/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 40.449+/-0.177 χ^2/NDF:1280.9/8

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

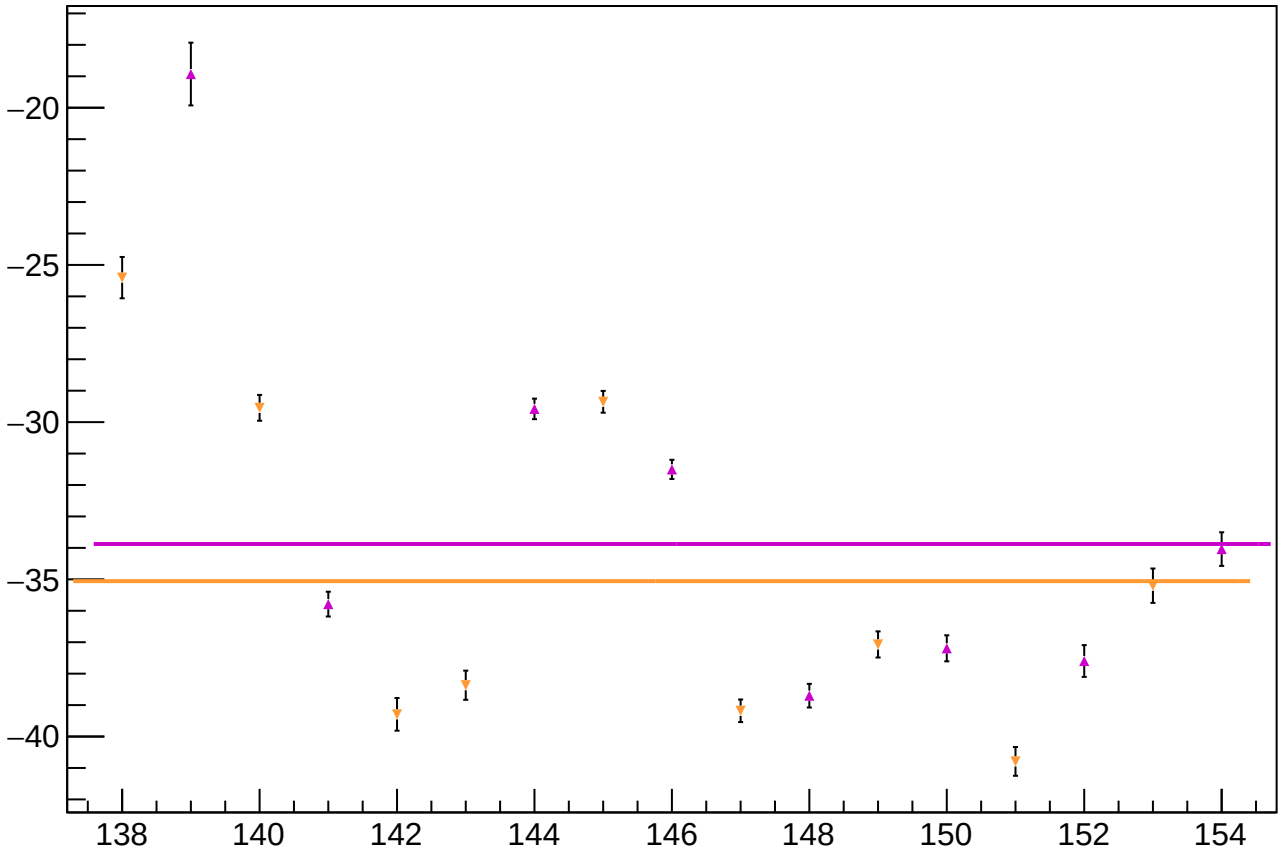
Left In: 41.218+/-0.173 χ^2/NDF:1208.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 40.842+/-0.124 χ^2/NDF: 2498.9/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -35.058+/-0.146 χ^2/NDF:1097.0/8

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

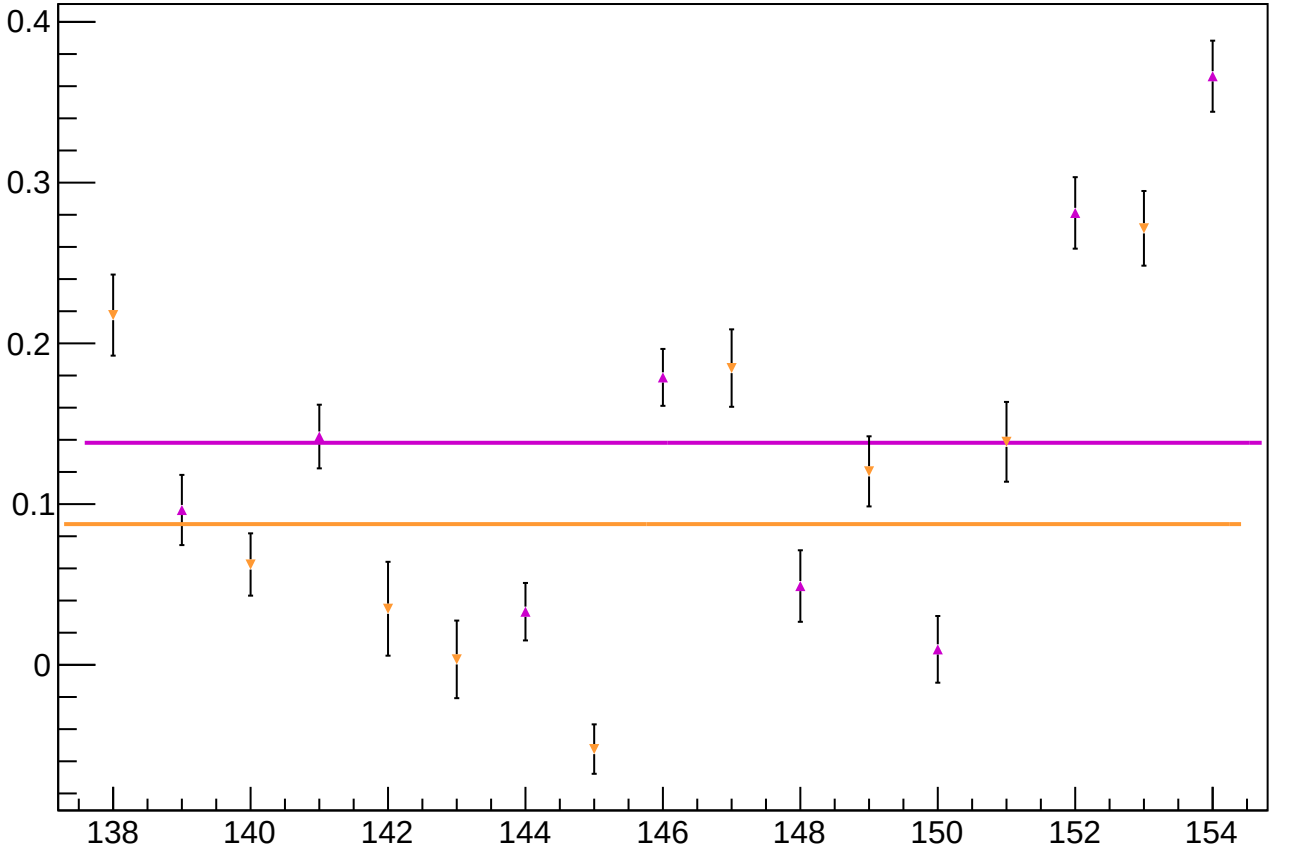
Left In: -33.876+/-0.145 χ^2/NDF:764.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -34.459+/-0.103 χ^2/NDF: 1894.5/16

- 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: 0.088+/-0.007 χ^2/NDF:212.0/8

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

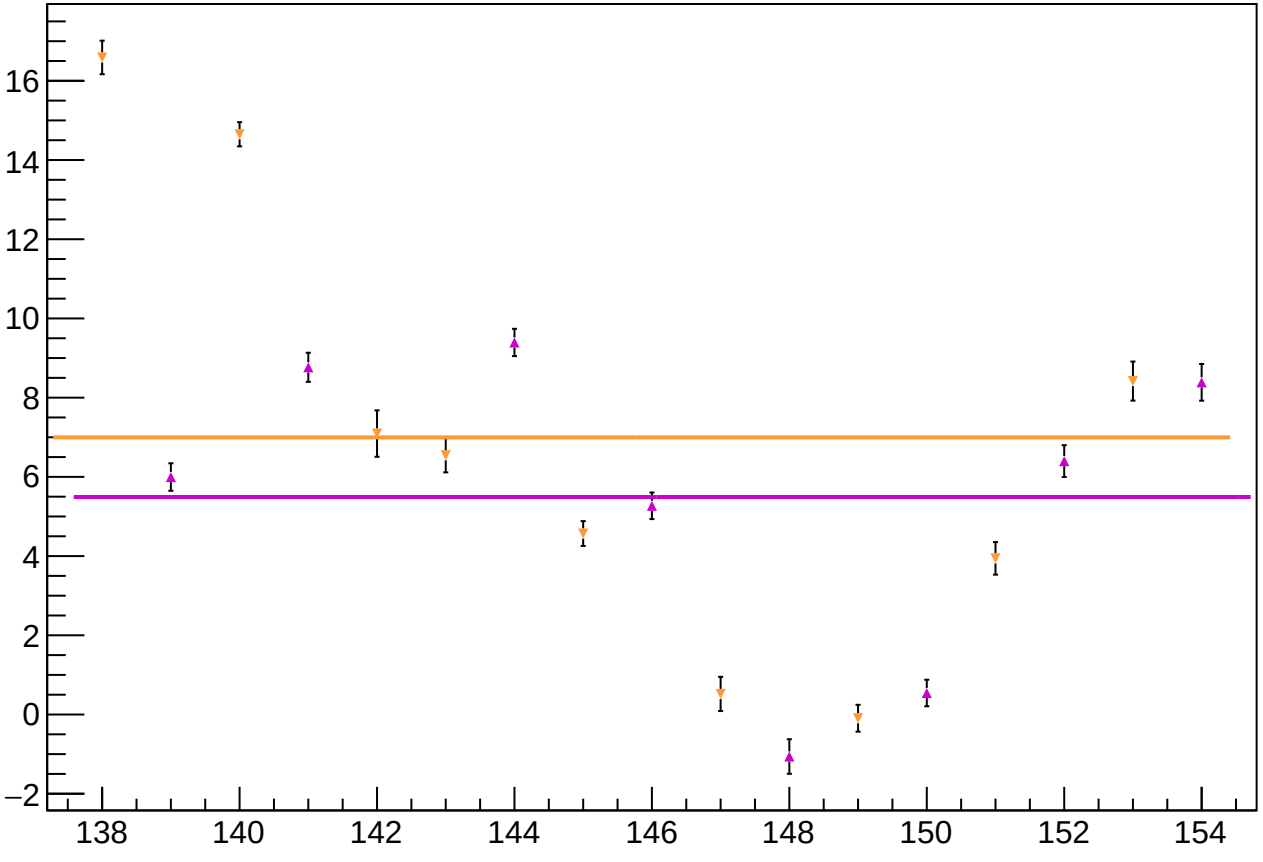
Left In: 0.138+/-0.007 χ^2/NDF:245.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.113+/-0.005 χ^2/NDF: 481.9/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 6.997+/-0.130 χ^2/NDF:1928.7/8

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

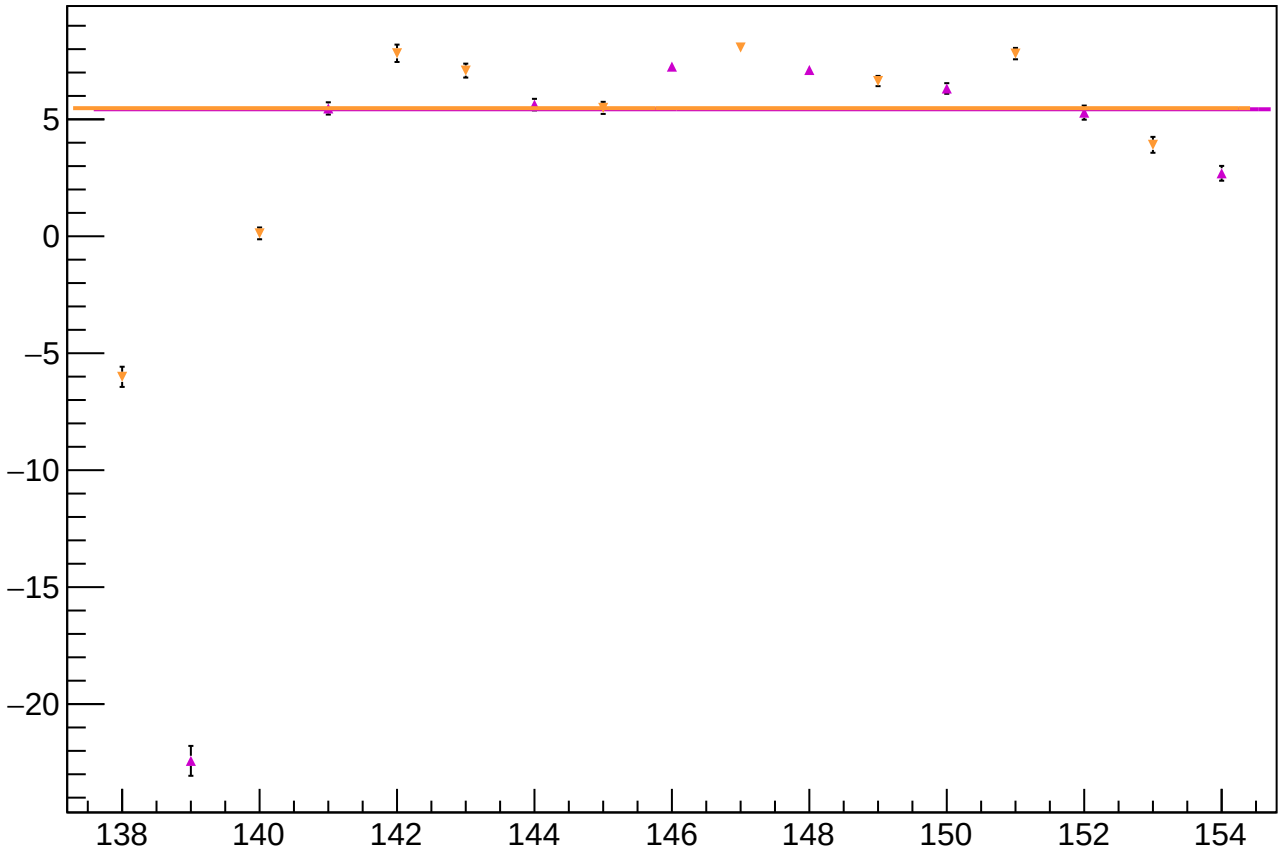
Left In: 5.492+/-0.131 χ^2/NDF:697.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 6.250+/-0.093 χ^2/NDF: 2692.5/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 5.477+/-0.090 χ^2/NDF:1523.3/8

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

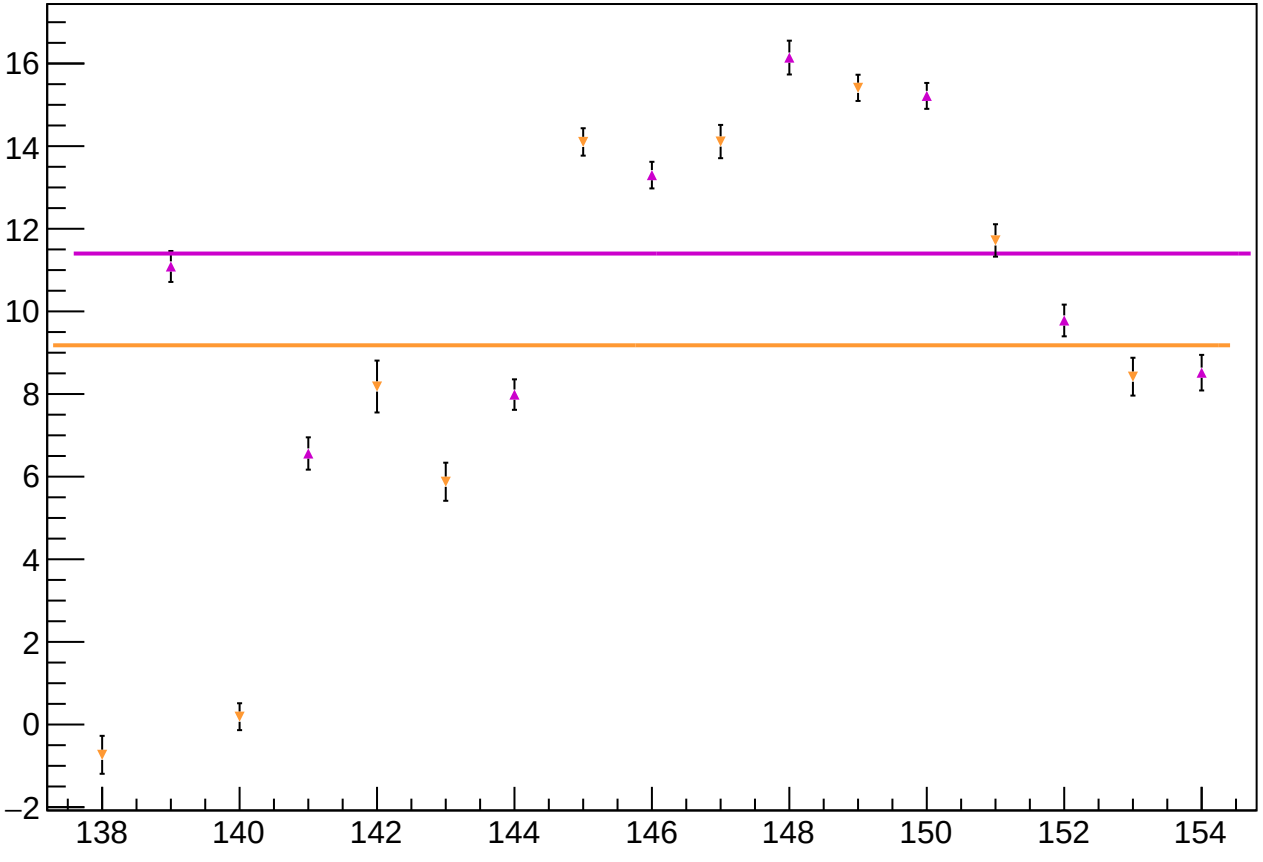
Left In: 5.430+/-0.092 χ^2/NDF:2125.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.454+/-0.064 χ^2/NDF: 3648.6/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 9.180+/-0.131 χ^2/NDF:2084.2/8

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

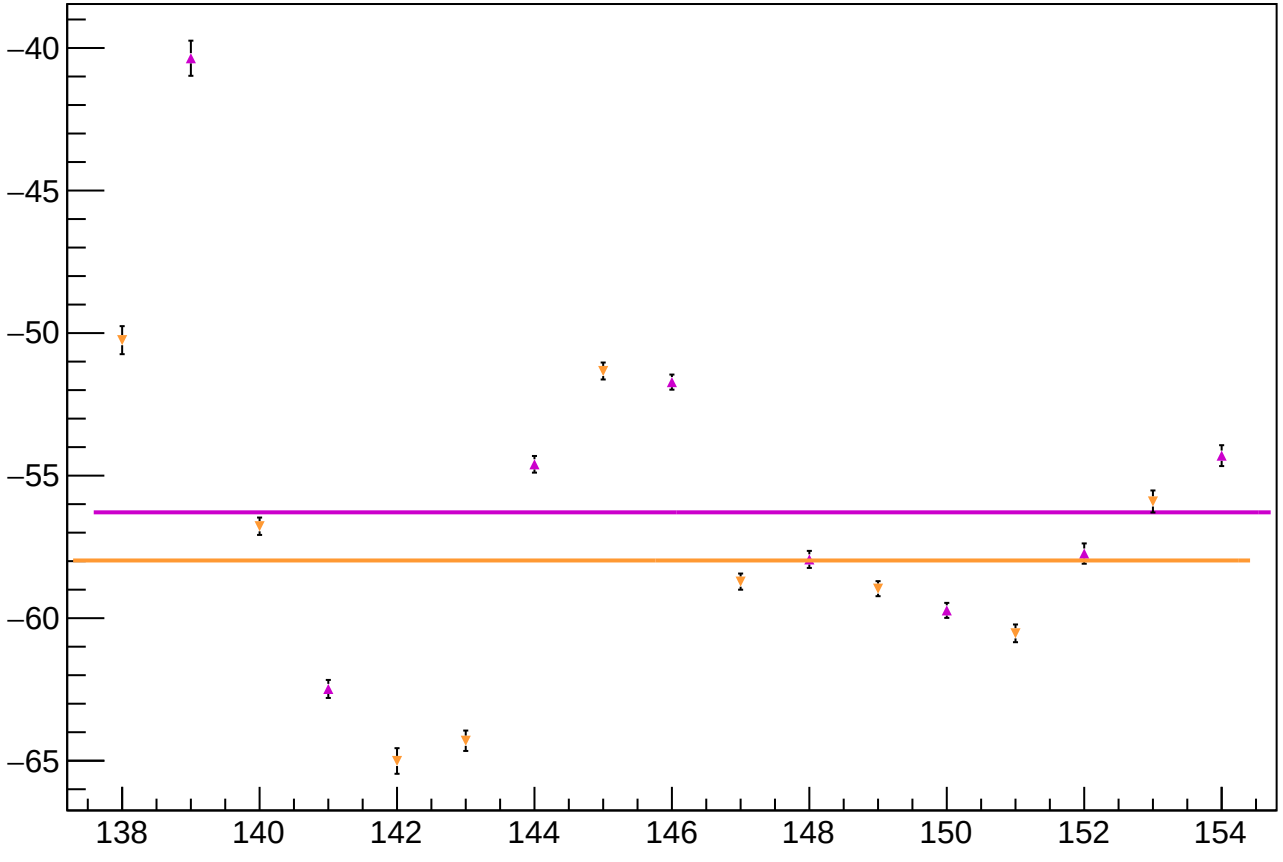
Left In: 11.400+/-0.130 χ^2/NDF:619.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 10.300+/-0.093 χ^2/NDF: 2847.5/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -57.976+/-0.110 χ^2/NDF:1437.2/8

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

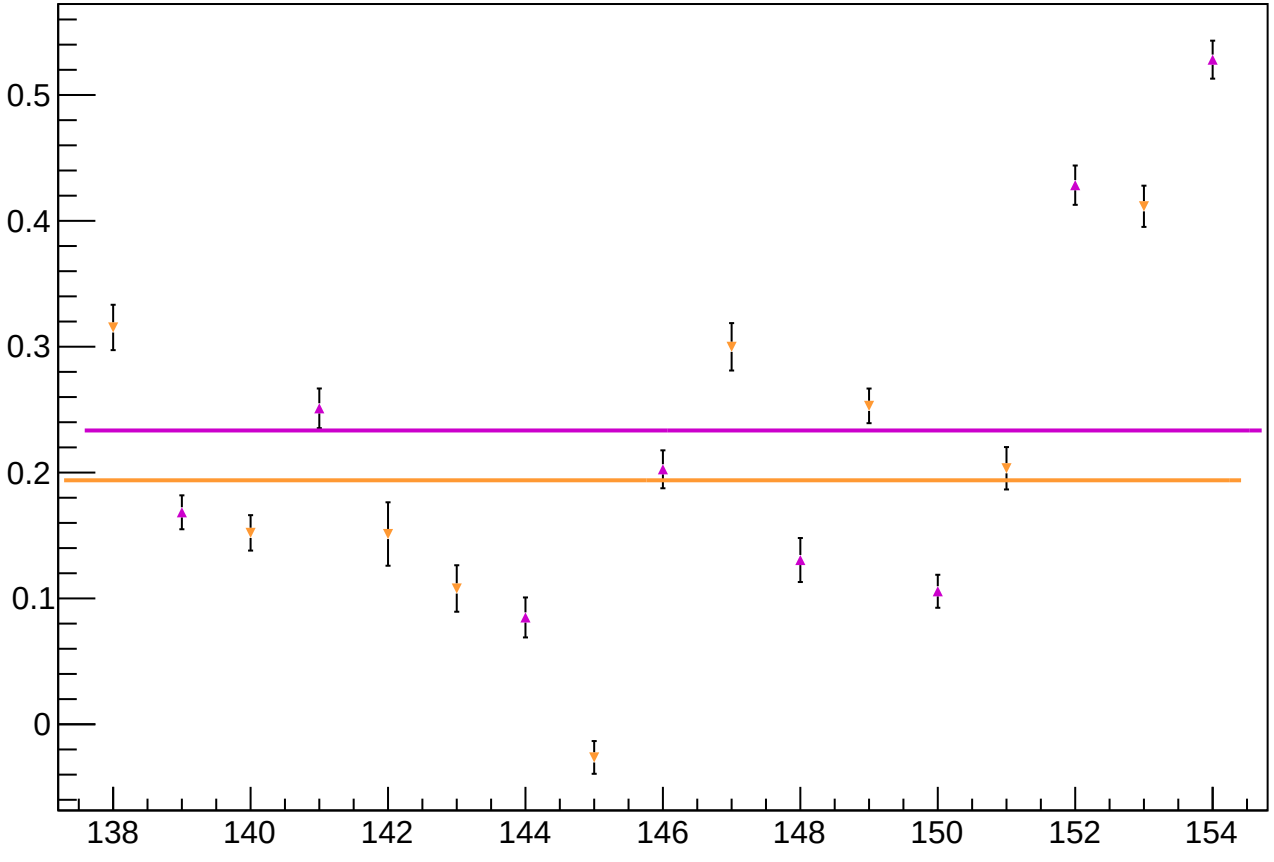
Left In: -56.287+/-0.112 χ^2/NDF:1630.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -57.149+/-0.078 χ^2/NDF: 3183.1/16

- 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: 0.194+/-0.005 χ^2/NDF:592.4/8

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

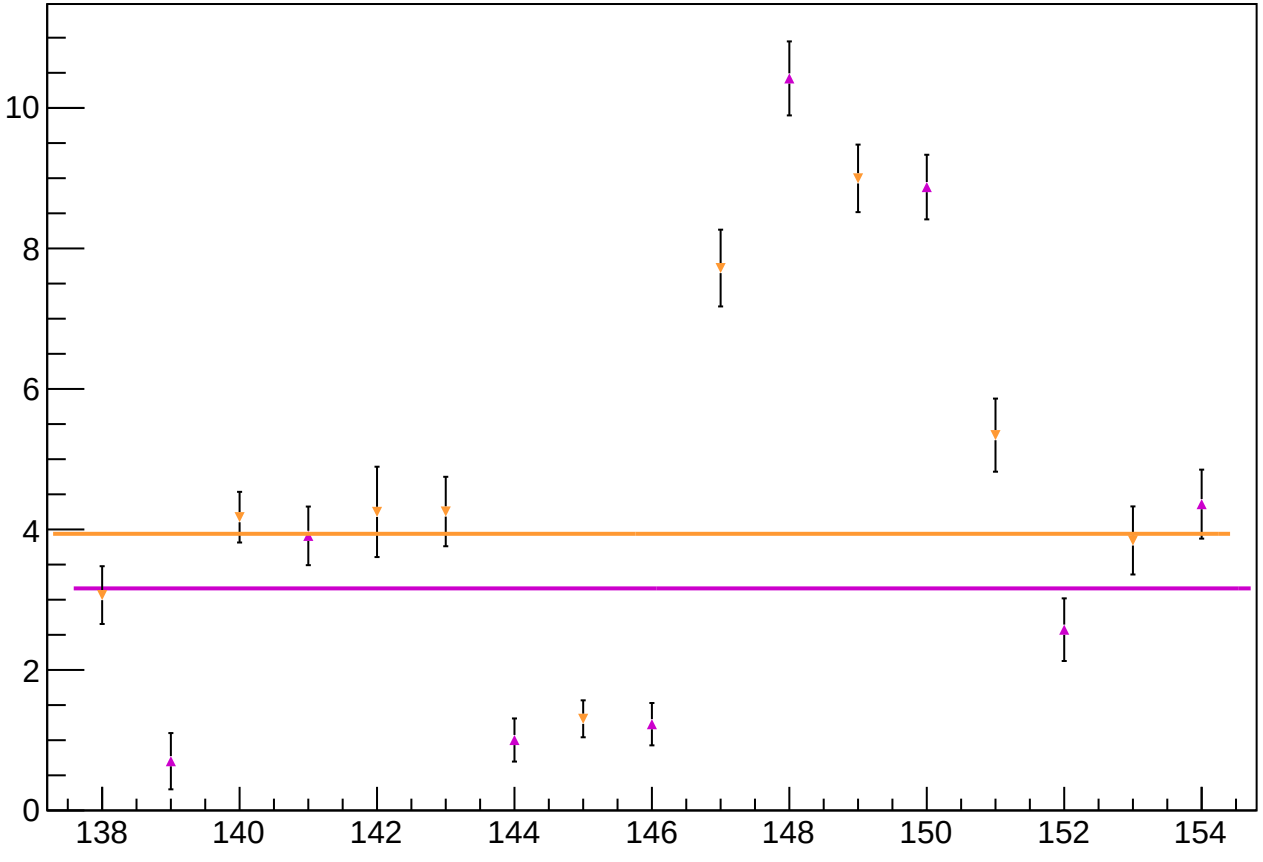
Left In: 0.233+/-0.005 χ^2/NDF:782.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 0.214+/-0.004 χ^2/NDF: 1402.2/16

- 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: 3.938+/-0.141 χ^2/NDF:271.9/8

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

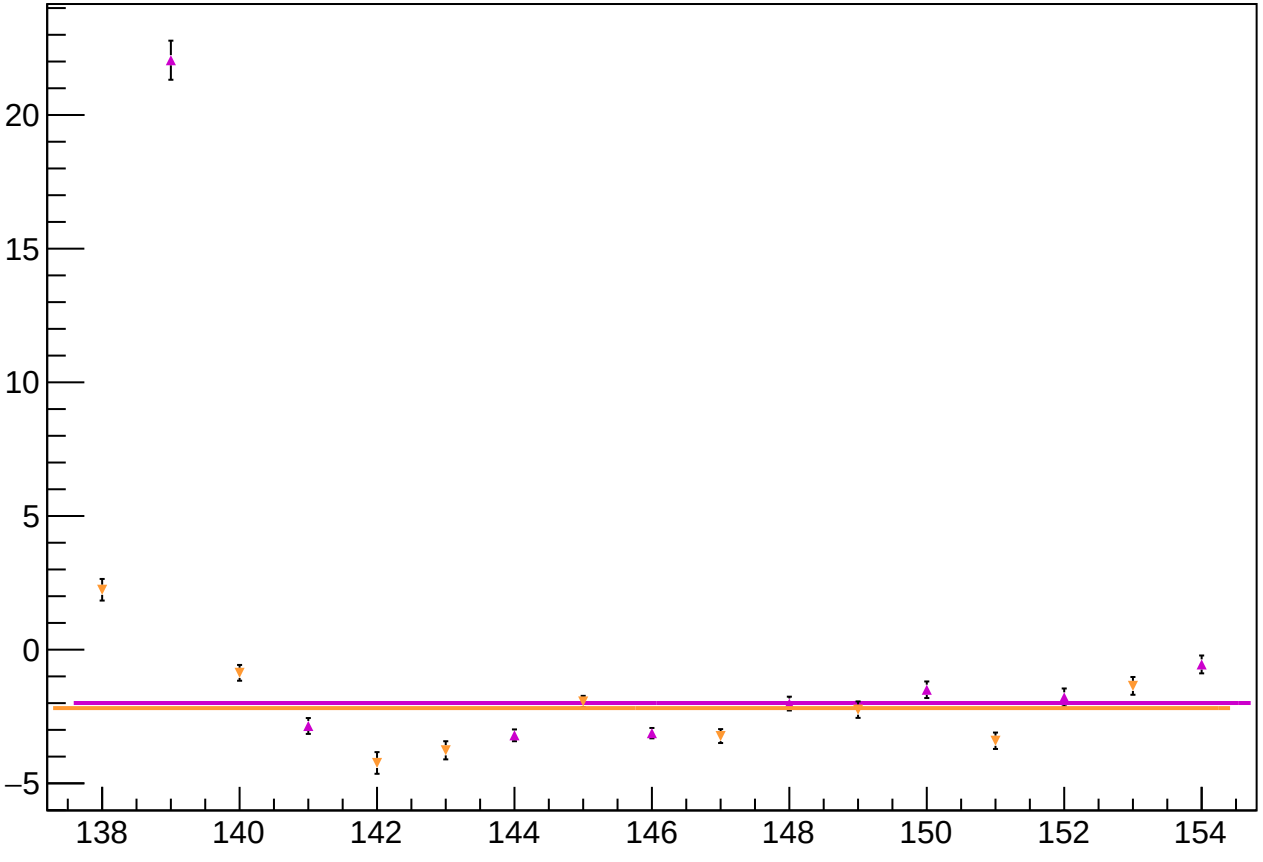
Left In: 3.161+/-0.140 χ^2/NDF:483.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3.546+/-0.099 χ^2/NDF: 770.7/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -2.186+/-0.100 χ^2/NDF:226.9/8

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

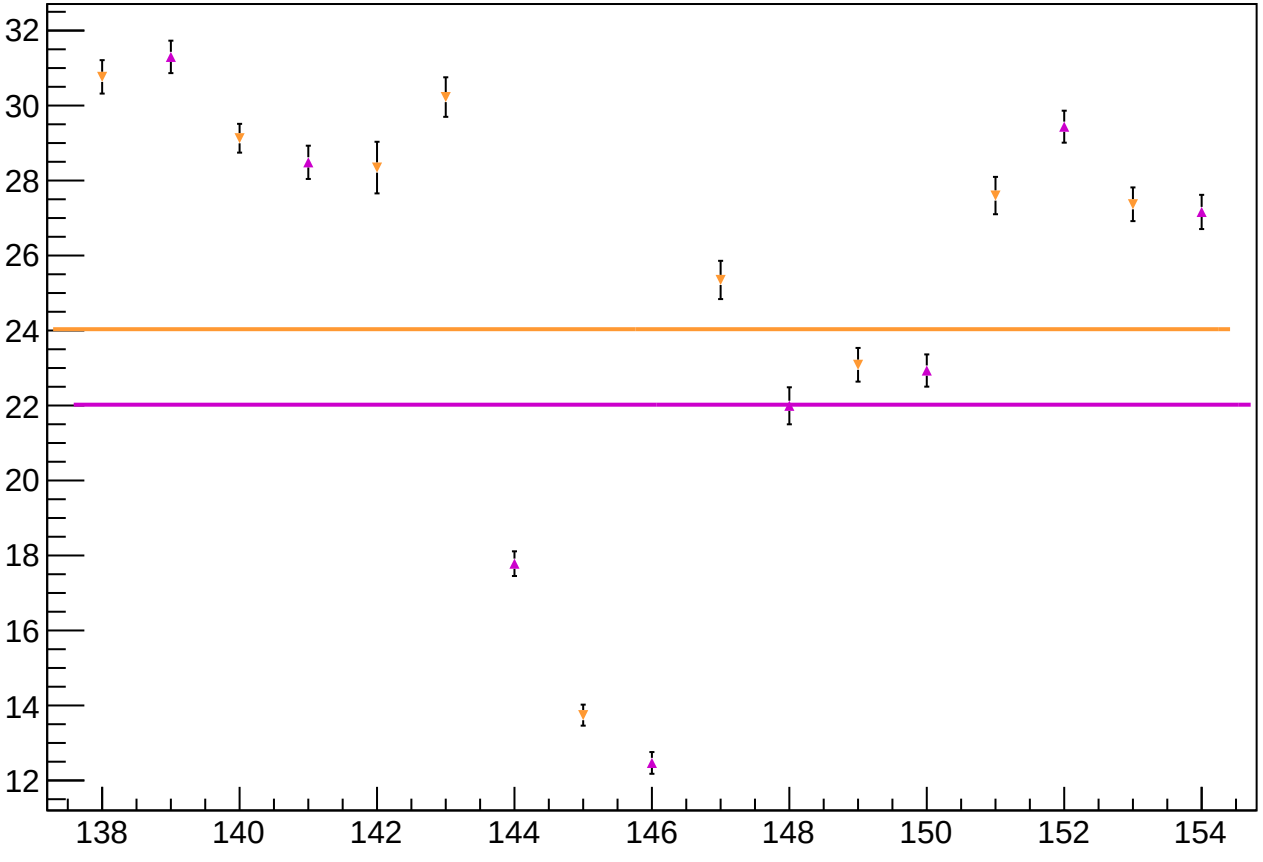
Left In: -1.995+/-0.098 χ^2/NDF:1175.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2.089+/-0.070 χ^2/NDF: 1404.5/16

- 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: 24.035+/-0.144 χ^2/NDF:2046.1/8

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

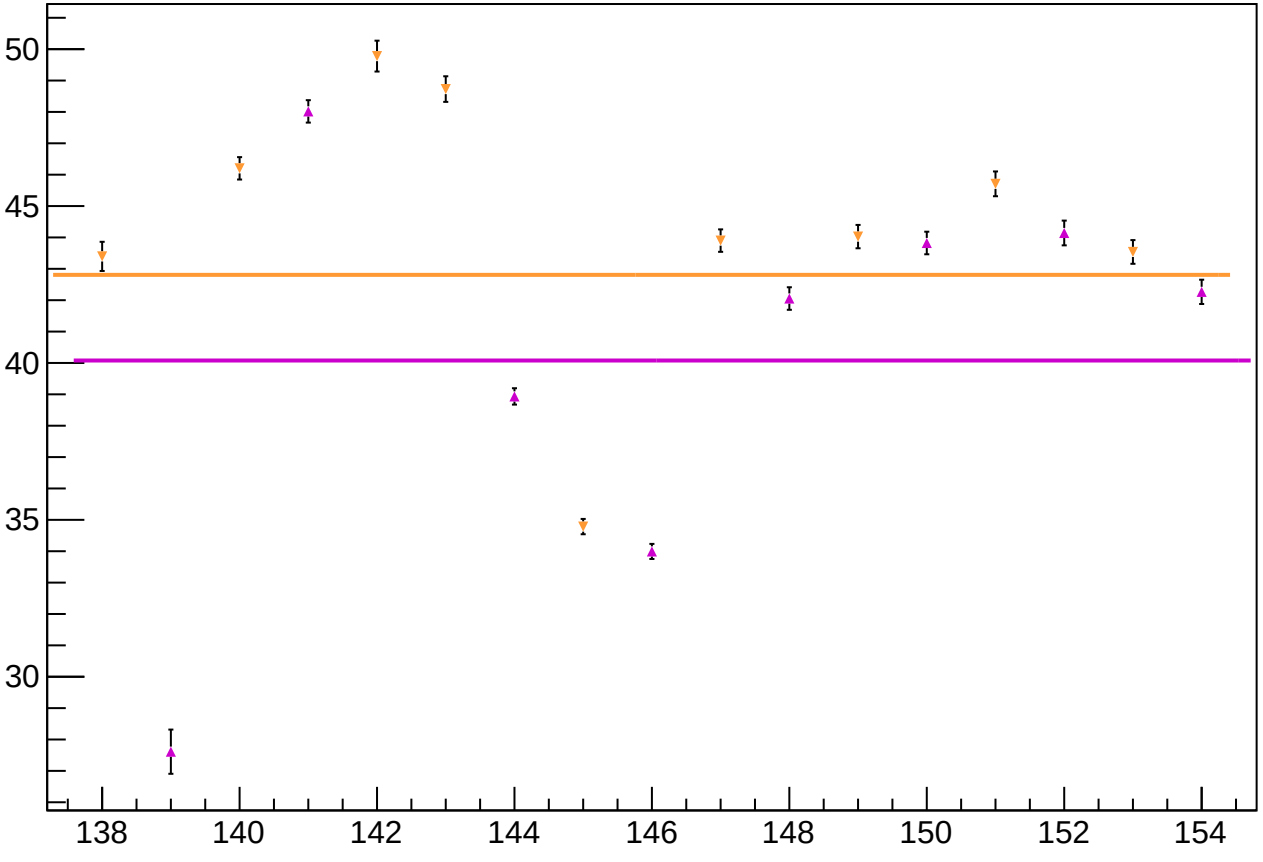
Left In: 22.022+/-0.140 χ^2/NDF:2356.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 22.995+/-0.100 χ^2/NDF: 4503.1/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 42.807+/-0.121 χ^2/NDF:1662.6/8

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

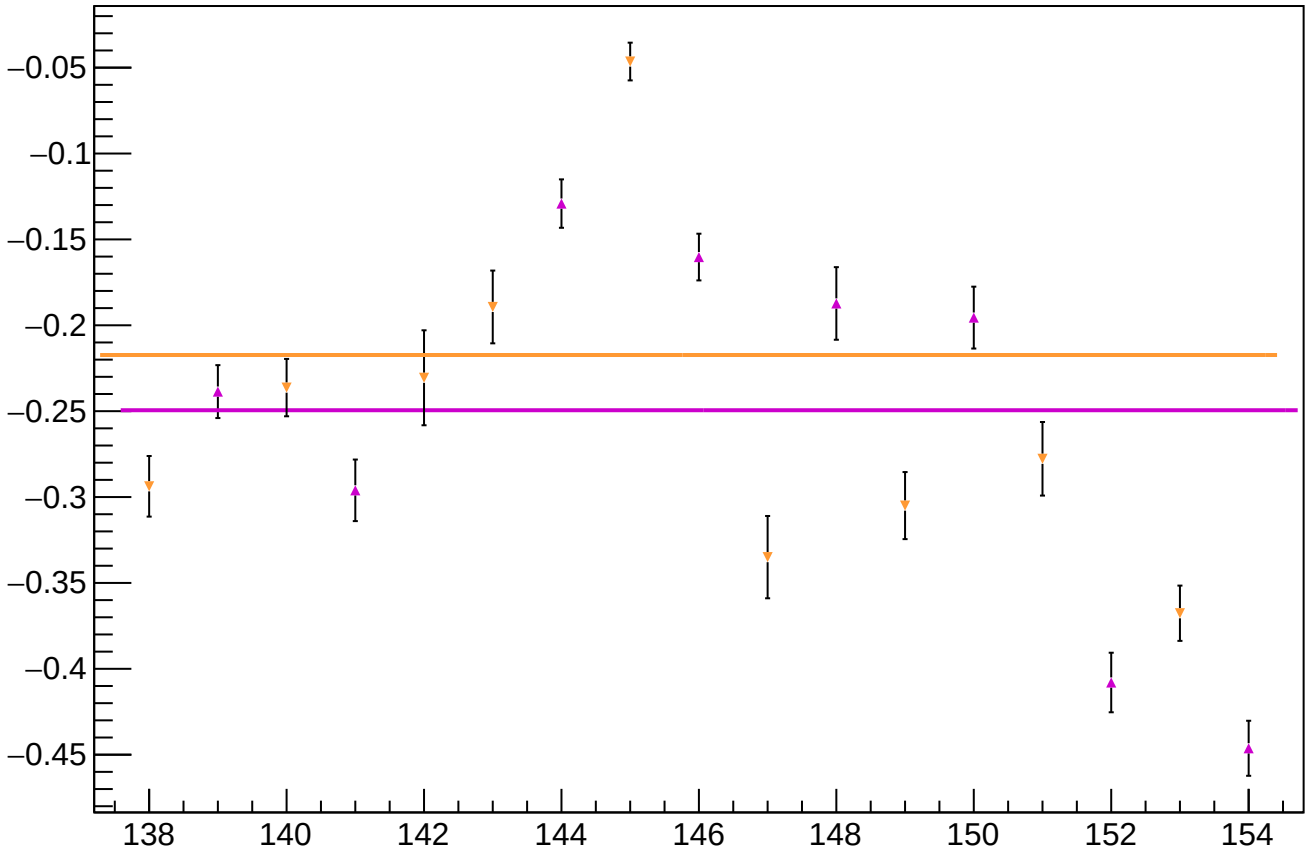
Left In: 40.078+/-0.119 χ^2/NDF:1742.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 41.418+/-0.085 χ^2/NDF: 3662.1/16

- 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: -0.217+/-0.006 χ^2/NDF:403.5/8

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

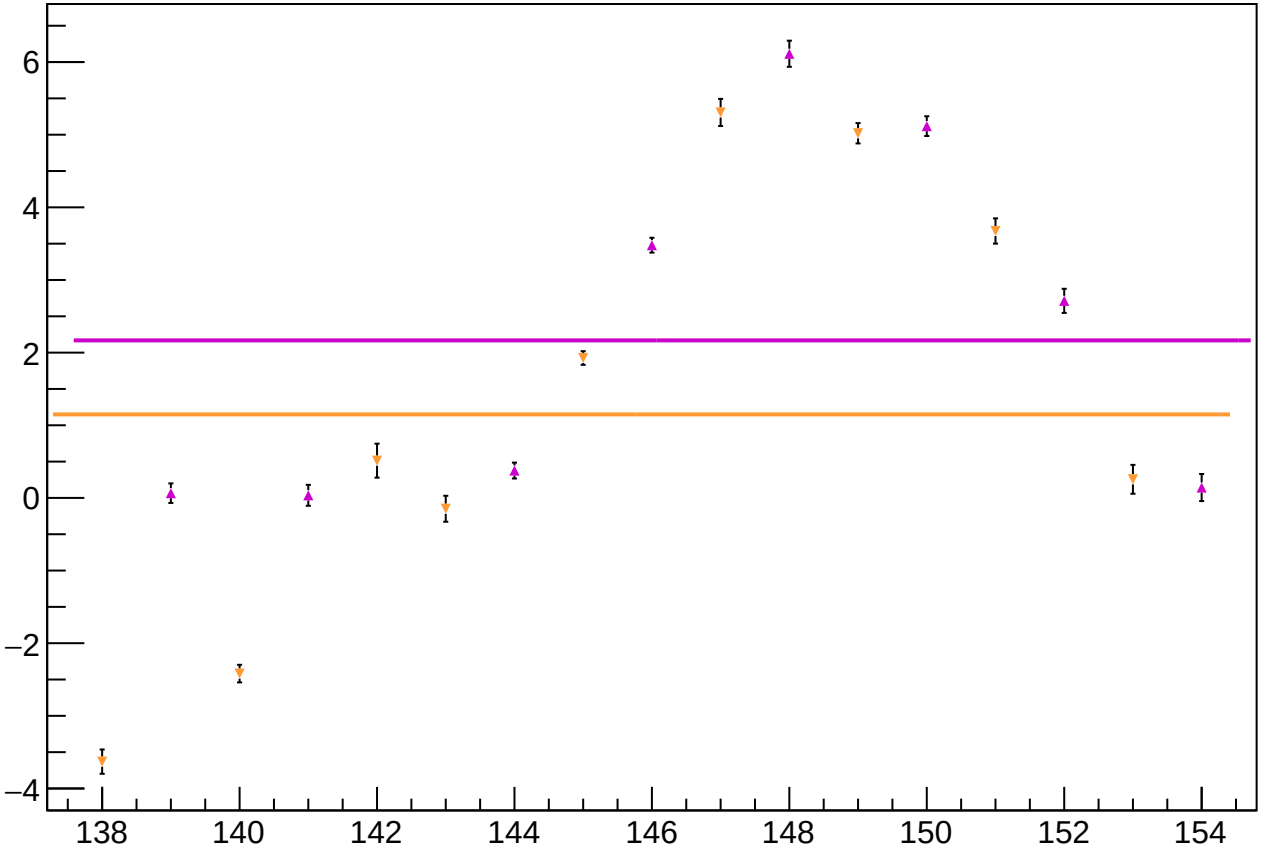
Left In: -0.249+/-0.006 χ^2/NDF:375.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.234+/-0.004 χ^2/NDF: 794.1/16

- 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: 1.150+/-0.050 χ^2/NDF:3302.6/8

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

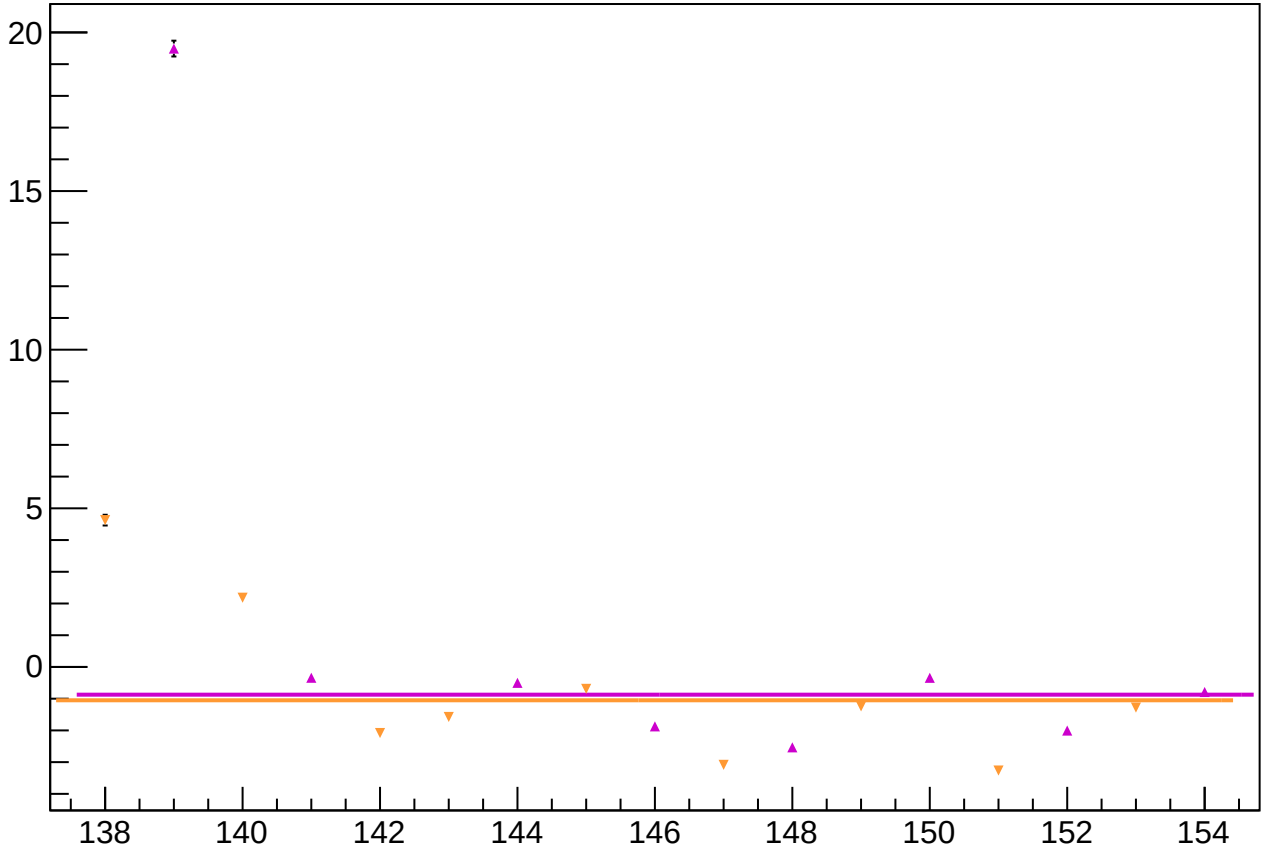
Left In: 2.169+/-0.048 χ^2/NDF:1975.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1.676+/-0.035 χ^2/NDF: 5494.9/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -1.051+/-0.035 χ^2/NDF:3247.0/8

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

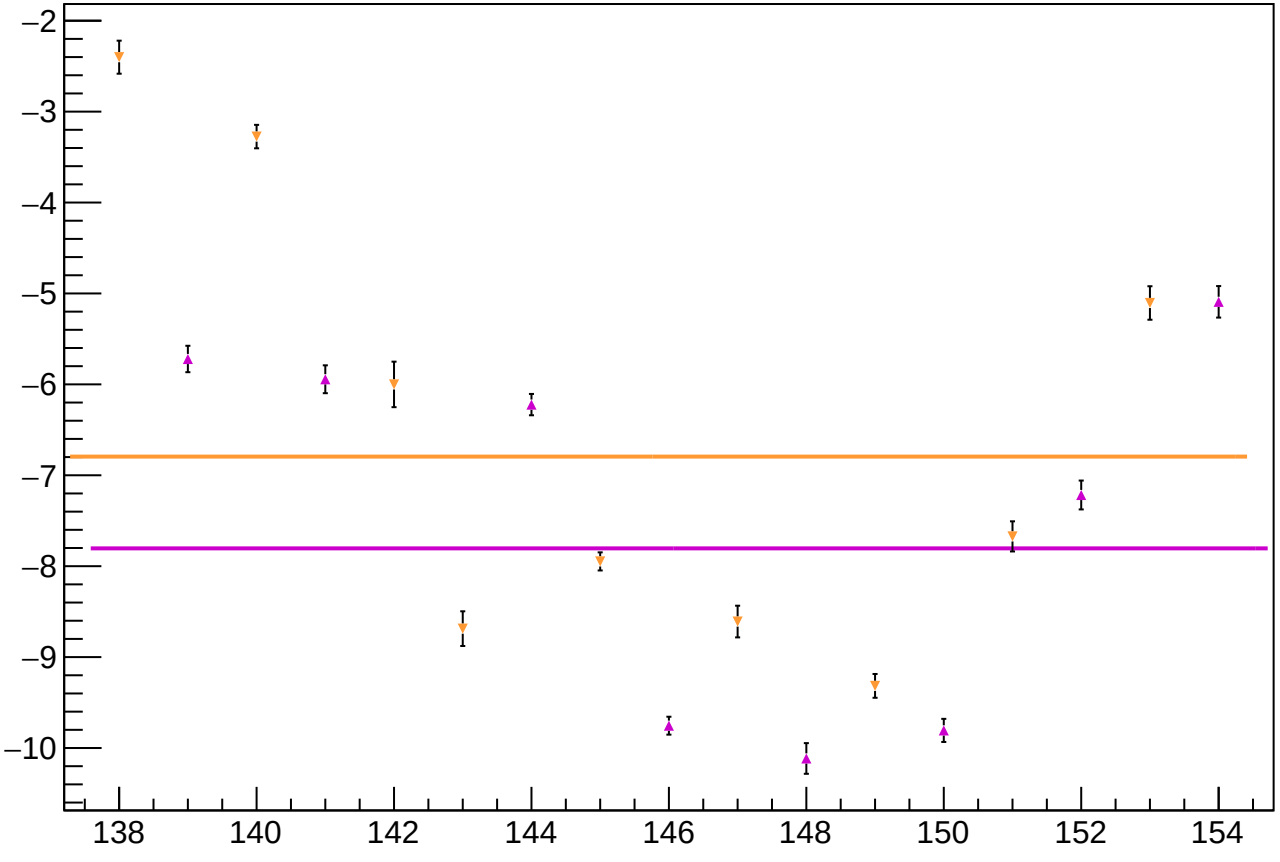
Left In: -0.874+/-0.034 χ^2/NDF:7416.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.959+/-0.024 χ^2/NDF: 10676.3/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: -6.795+/-0.051 χ^2/NDF:2163.5/8

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

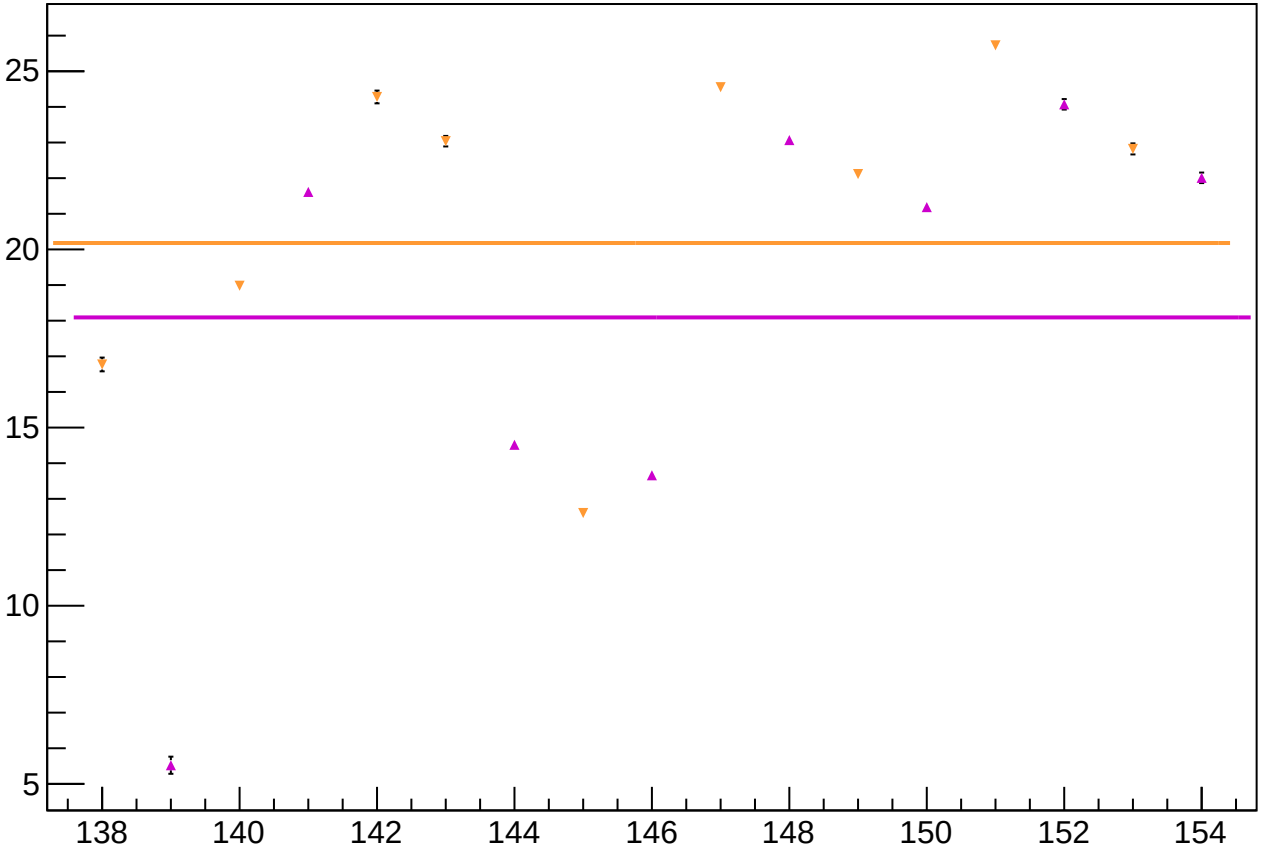
Left In: -7.804+/-0.048 χ^2/NDF:1620.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -7.326+/-0.035 χ^2/NDF: 3994.3/16

- 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: 20.180+/-0.043 χ^2/NDF:12343.0/8

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

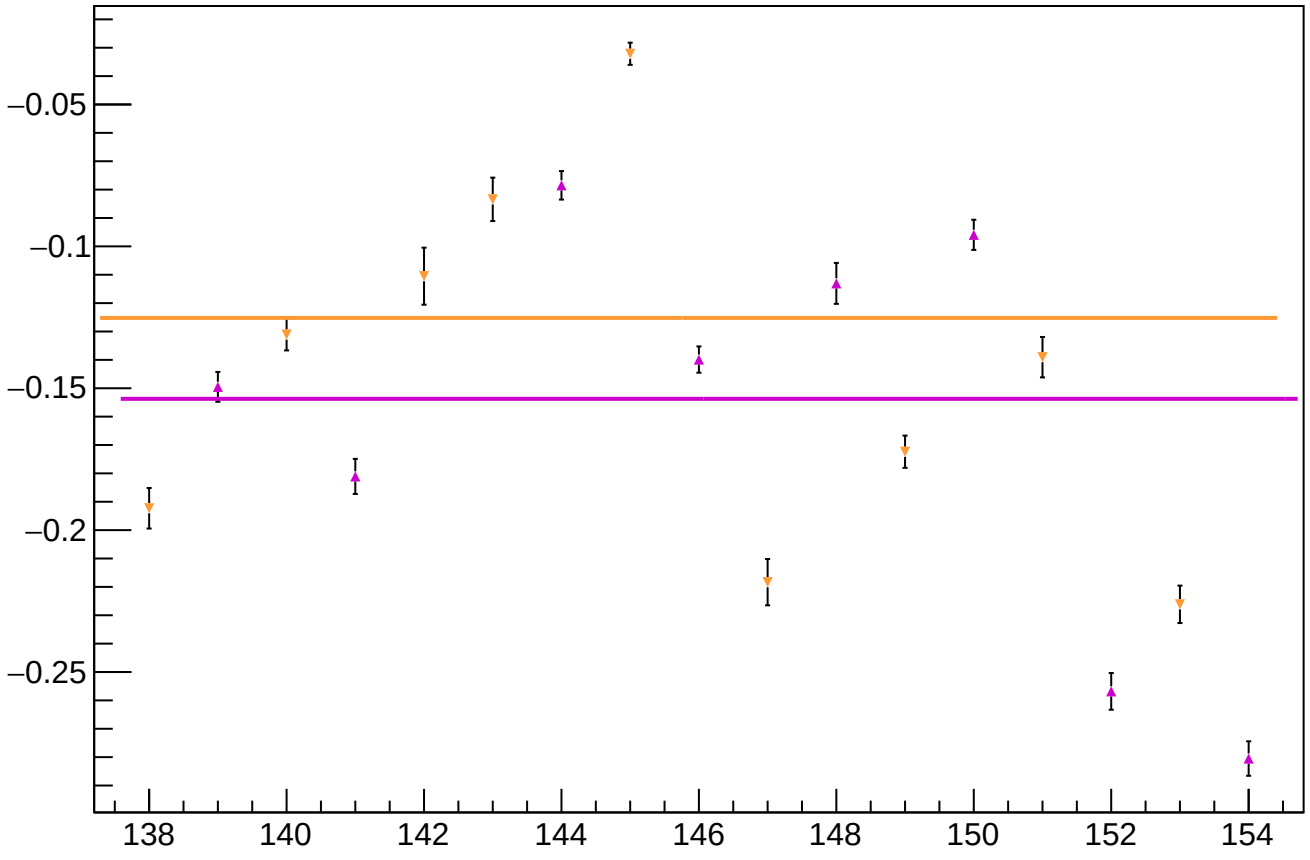
Left In: 18.092+/-0.041 χ^2/NDF:12744.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 19.099+/-0.030 χ^2/NDF: 26332.2/16

- 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: -0.125+/-0.002 χ^2/NDF:1125.9/8

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

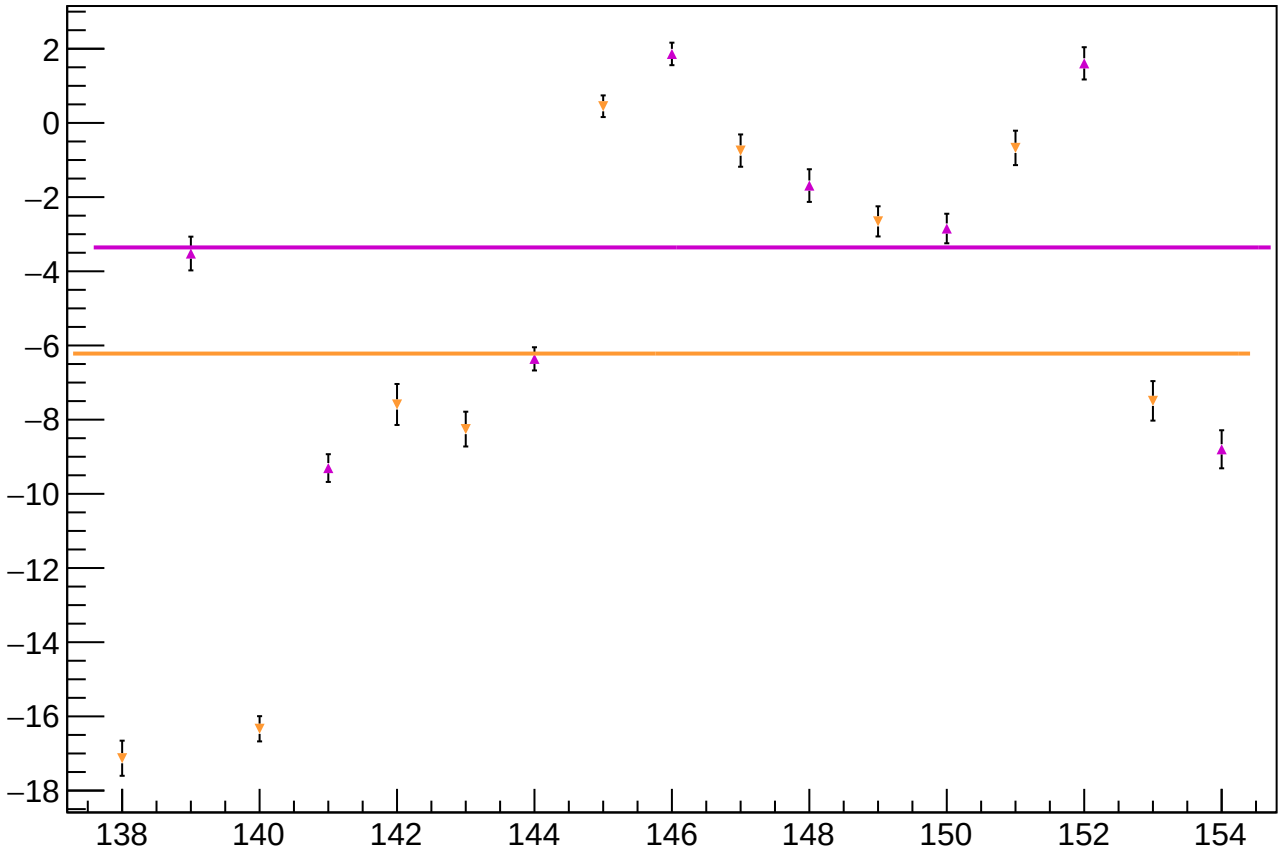
Left In: -0.154+/-0.002 χ^2/NDF:1092.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -0.140+/-0.001 χ^2/NDF: 2316.9/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



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

Left Out: -6.218+/-0.138 χ^2/NDF:2345.8/8

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

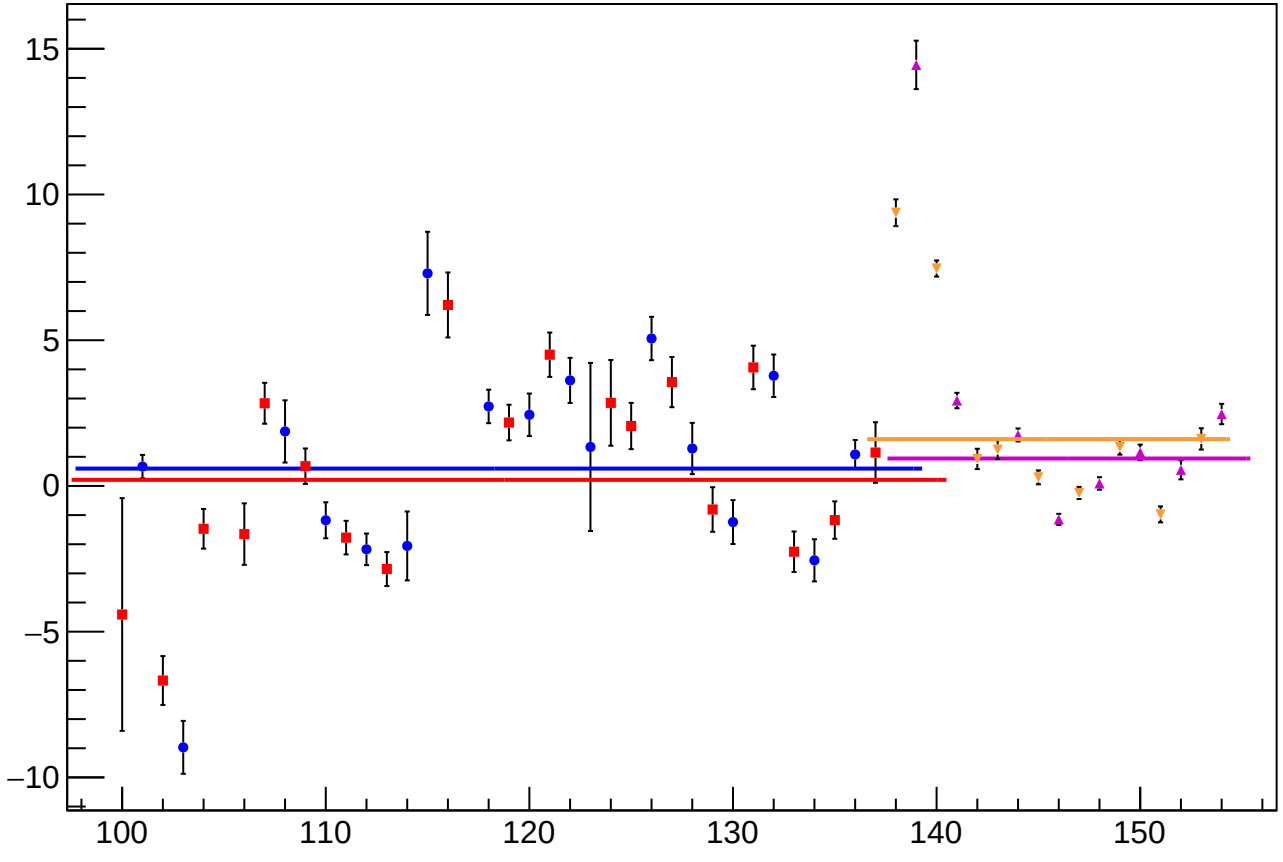
Left In: -3.357+/-0.137 χ^2/NDF:899.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -4.768+/-0.097 χ^2/NDF: 3462.0/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596+/-0.169 χ^2/NDF: 291.2/16

Left Out: 1.606+/-0.094 χ^2/NDF:939.6/8

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

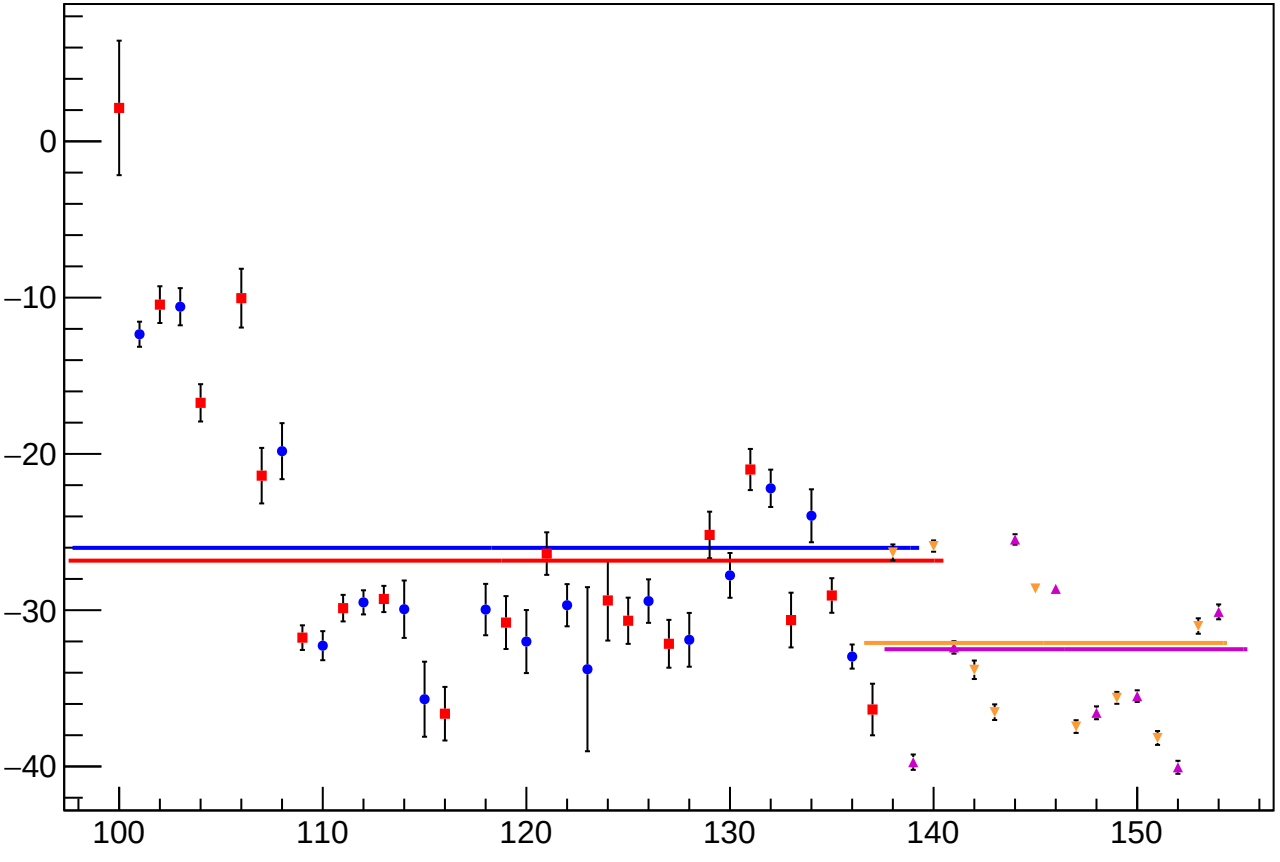
Left In: 0.941+/-0.093 χ^2/NDF:489.6/7

+ sign 1.366+/-0.082 χ^2/NDF: 1258.0/25

All: 1.071+/-0.058 χ^2/NDF: 2060.2/52

- sign 0.780+/-0.082 χ^2/NDF: 776.9/26

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -32.095+/-0.140 χ^2/NDF:1085.0/8

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

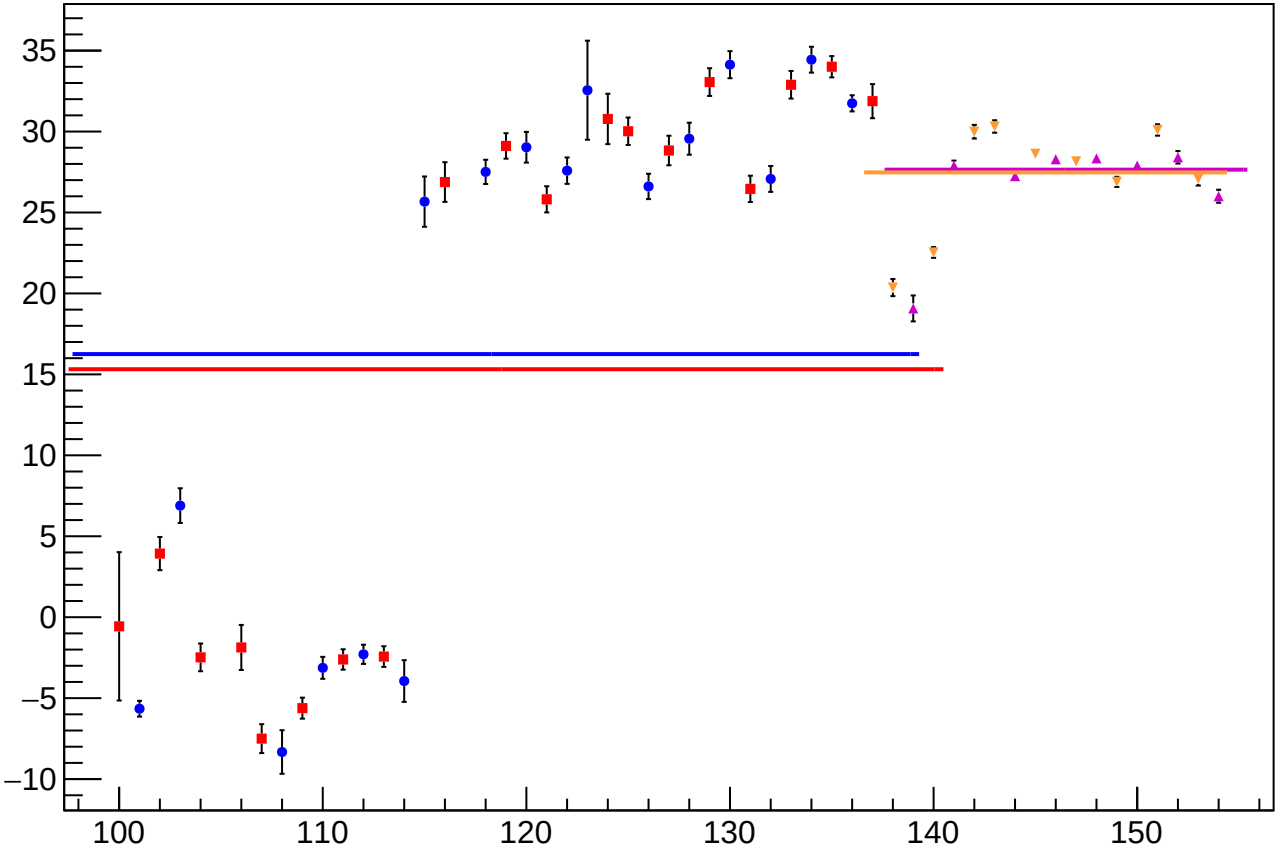
Left In: -32.497+/-0.136 χ^2/NDF:1347.2/7

+ sign -31.002+/-0.127 χ^2/NDF: 2116.2/25

All: -31.269+/-0.088 χ^2/NDF: 4354.1/52

- sign -31.522+/-0.123 χ^2/NDF: 2229.3/26

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 27.477+/-0.116 χ^2/NDF:571.2/8

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

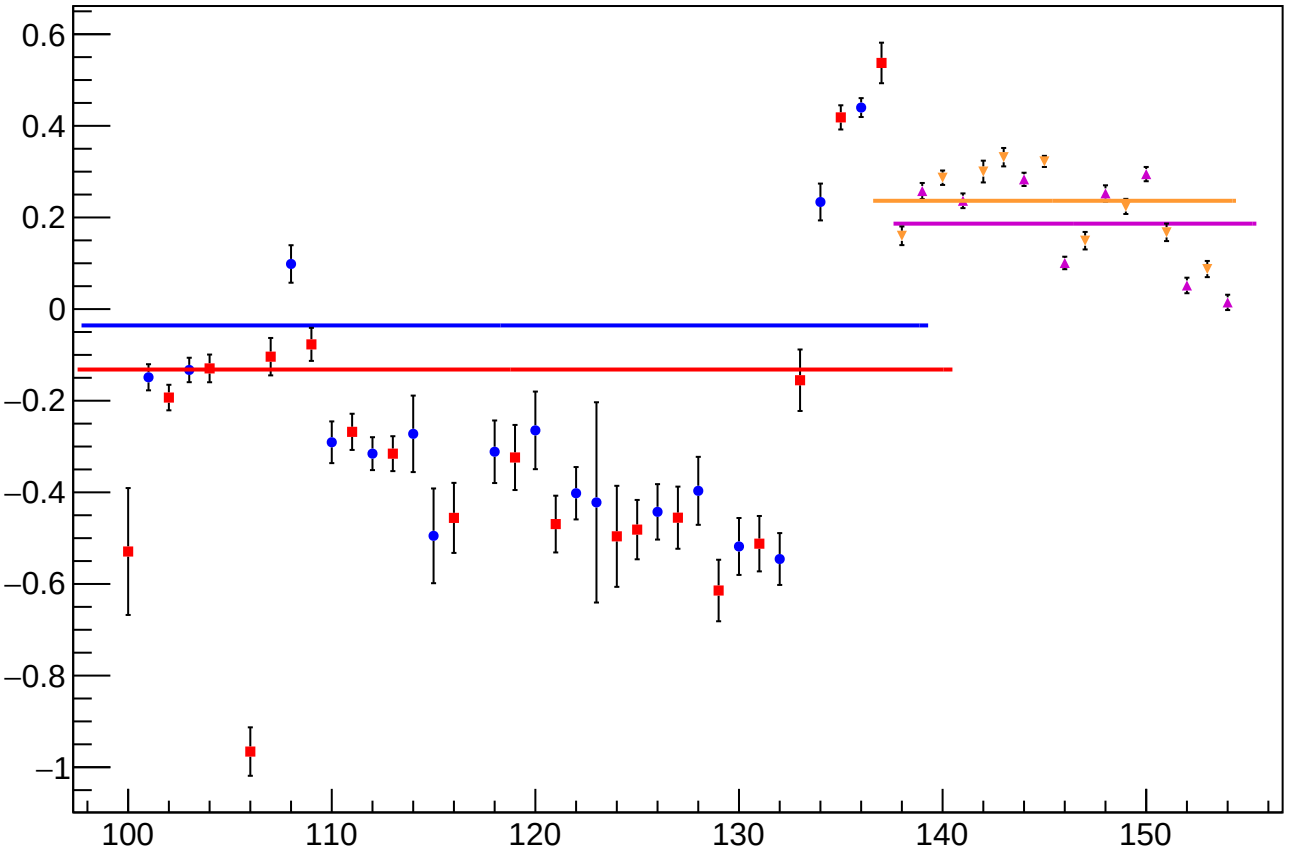
Left In: 27.646+/-0.114 χ^2/NDF:151.0/7

+ sign 24.452+/-0.099 χ^2/NDF: 10704.3/25

All: 24.510+/-0.070 χ^2/NDF: 21074.4/52

- sign 24.567+/-0.098 χ^2/NDF: 10369.4/26

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.236+/-0.006 χ^2/NDF:209.6/8

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

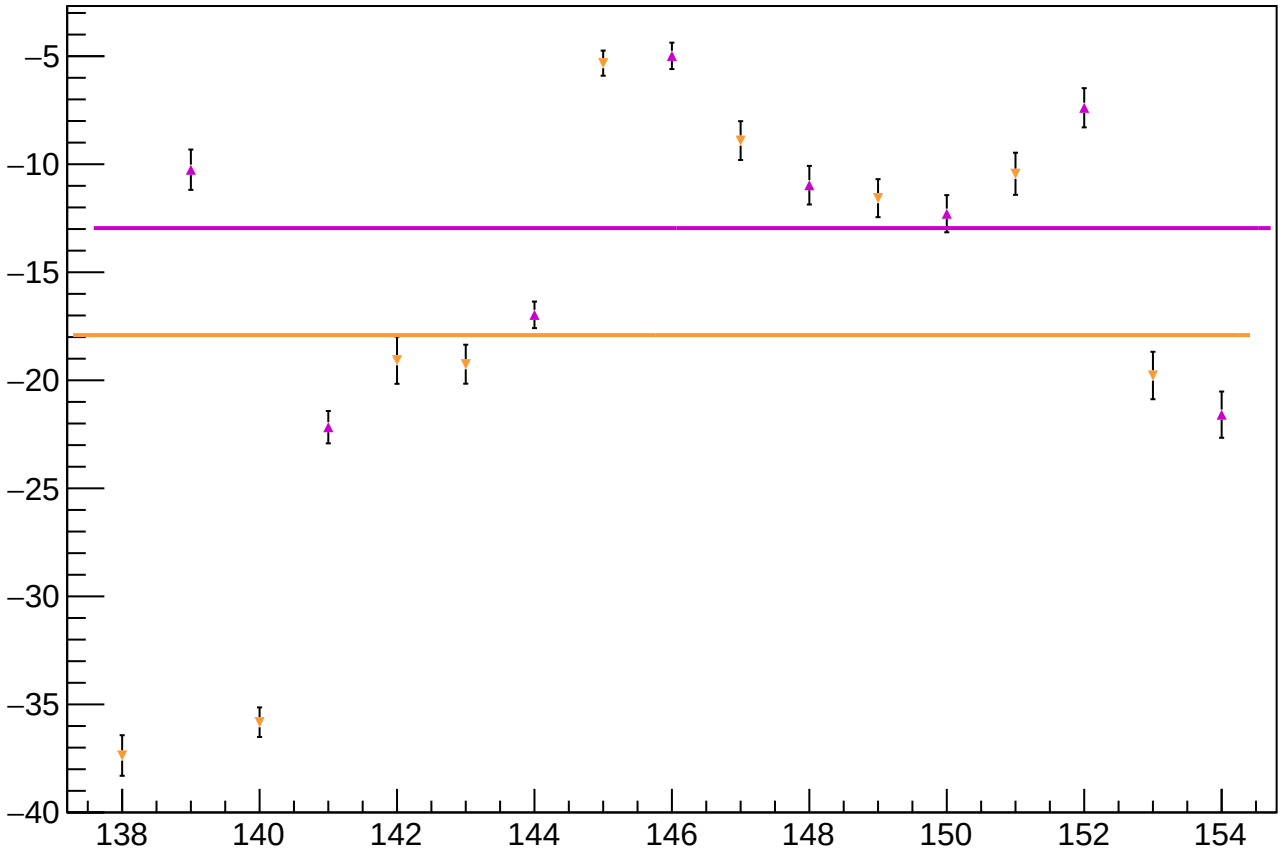
Left In: 0.187+/-0.006 χ^2/NDF:341.2/7

+ sign 0.171+/-0.005 χ^2/NDF: 1753.4/25

All: 0.142+/-0.004 χ^2/NDF: 4061.2/52

- sign 0.114+/-0.005 χ^2/NDF: 2242.3/26

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -17.908+/-0.281 χ^2/NDF:1799.1/8

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

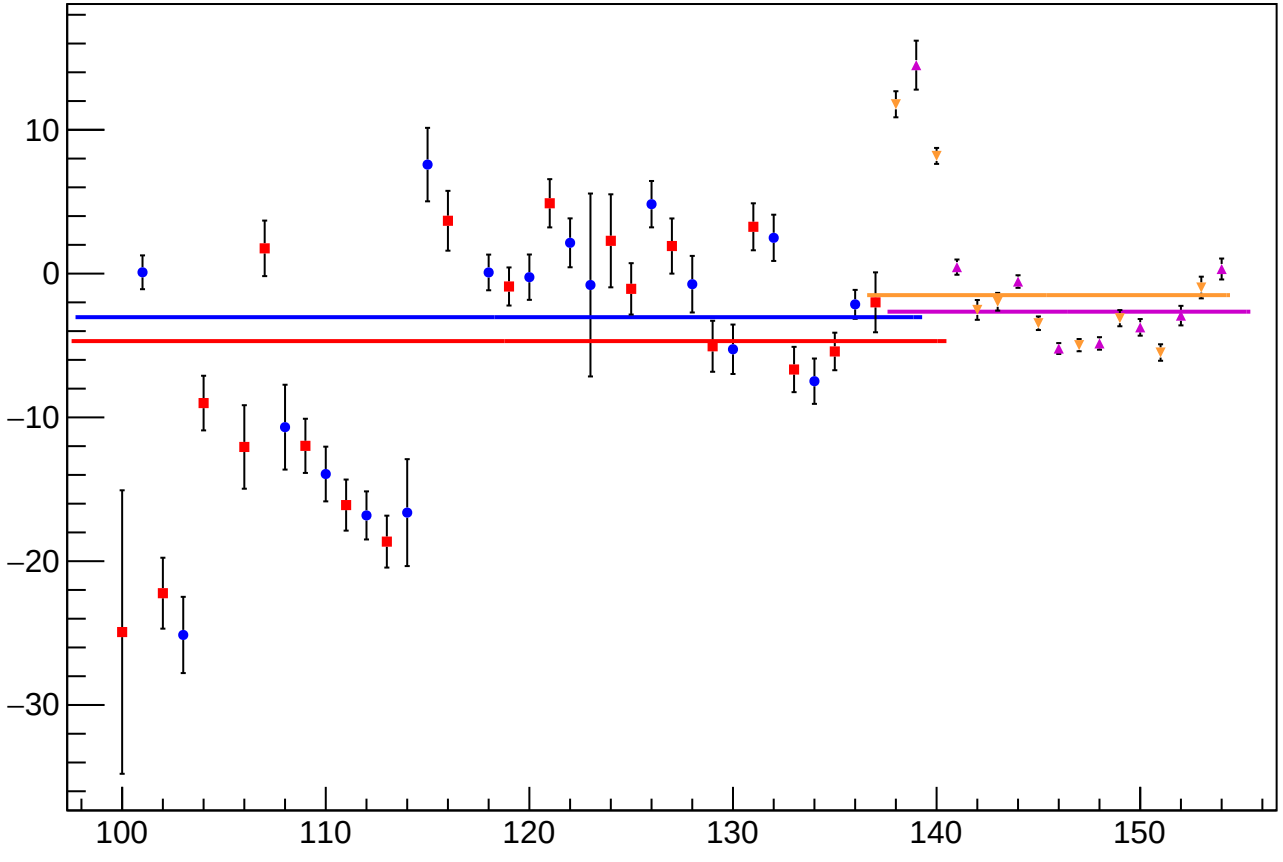
Left In: -12.956+/-0.278 χ^2/NDF:481.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -15.407+/-0.197 χ^2/NDF: 2437.8/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.030+/-0.408 χ^2/NDF: 280.8/16

Left Out: -1.497+/-0.192 χ^2/NDF:662.0/8

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

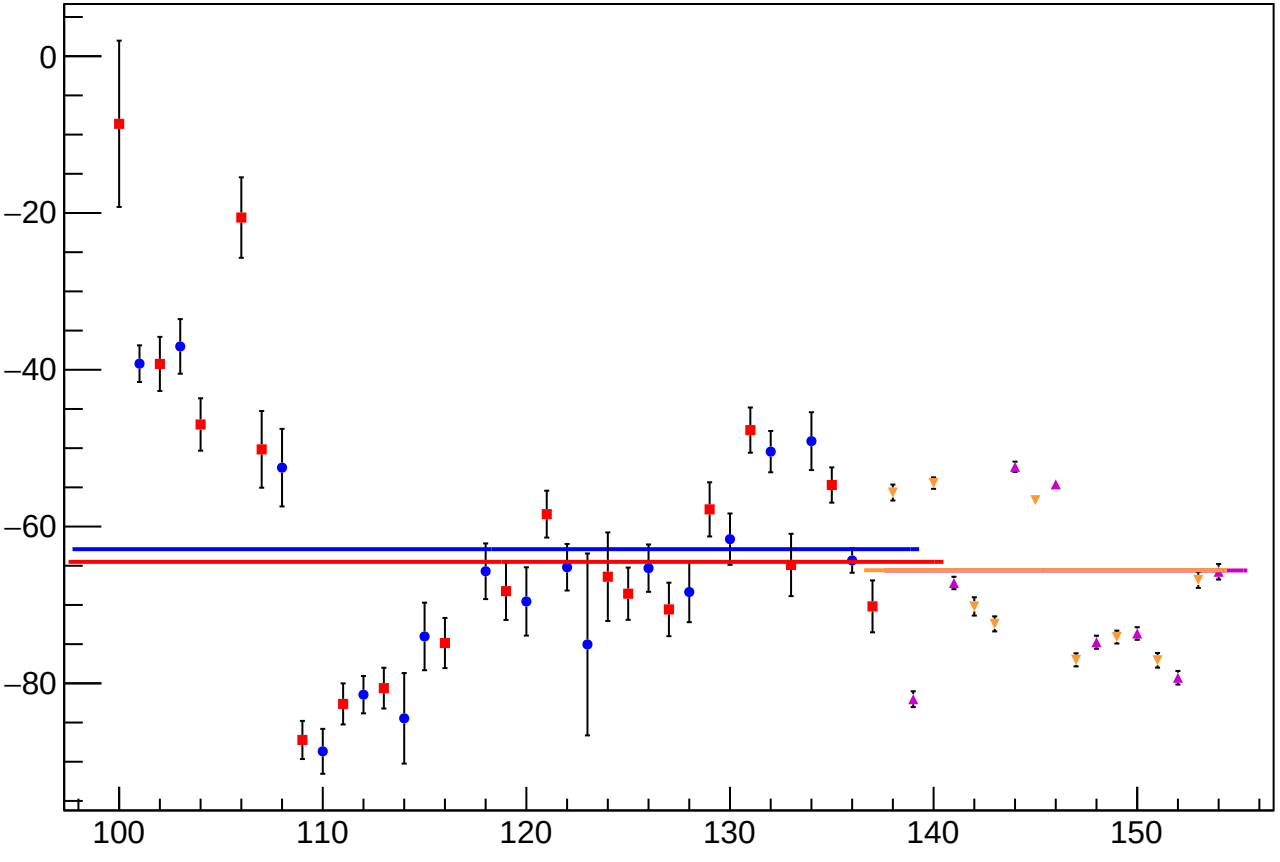
Left In: -2.648+/-0.187 χ^2/NDF:250.6/7

+ sign -1.776+/-0.174 χ^2/NDF: 954.3/25

All: -2.385+/-0.122 χ^2/NDF: 1546.8/52

- sign -2.979+/-0.172 χ^2/NDF: 568.2/26

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -65.575+/-0.285 χ^2/NDF:1049.1/8

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

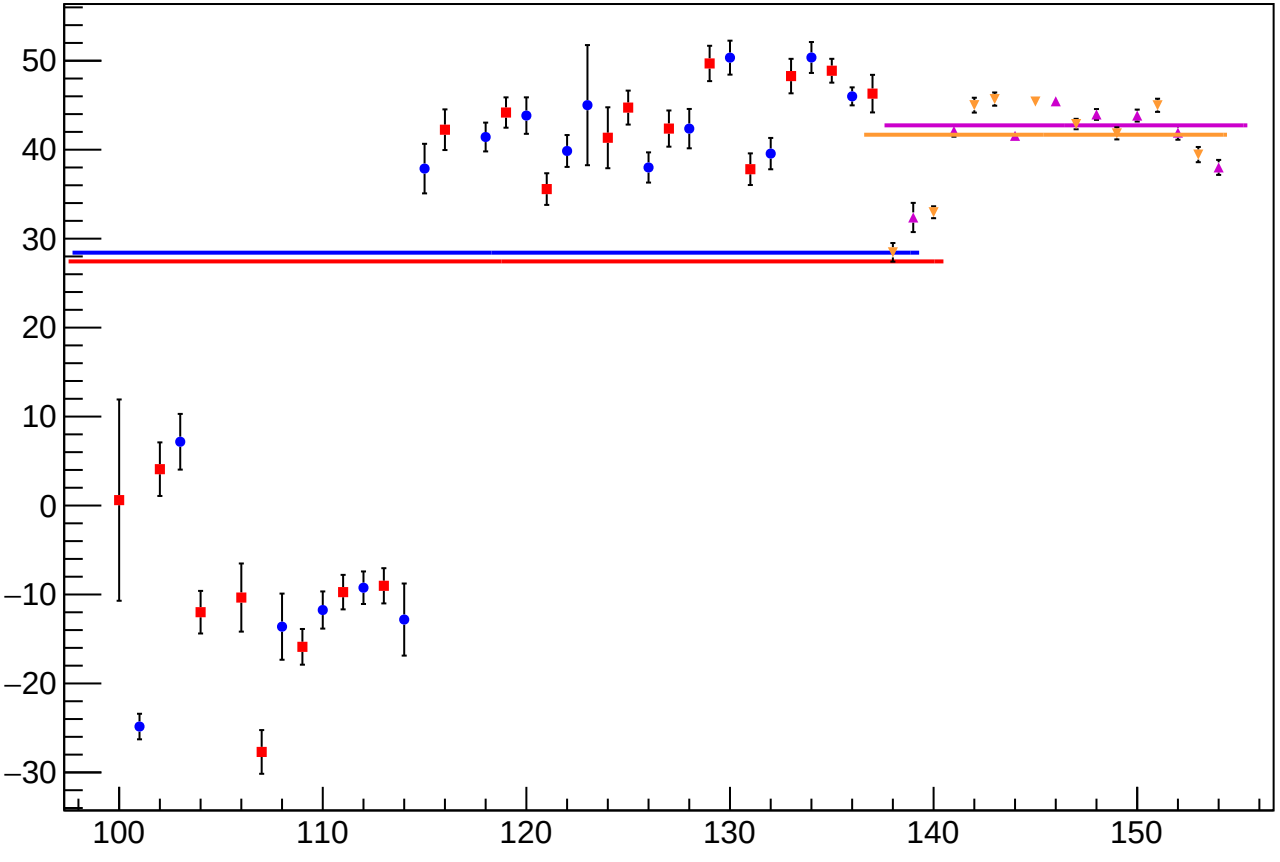
Left In: -65.602+/-0.276 χ^2/NDF:1491.9/7

+ sign -65.226+/-0.266 χ^2/NDF: 1429.4/25

All: -65.351+/-0.186 χ^2/NDF: 3367.6/52

- sign -65.471+/-0.259 χ^2/NDF: 1937.8/26

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 41.683+/-0.236 χ^2/NDF:450.1/8

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

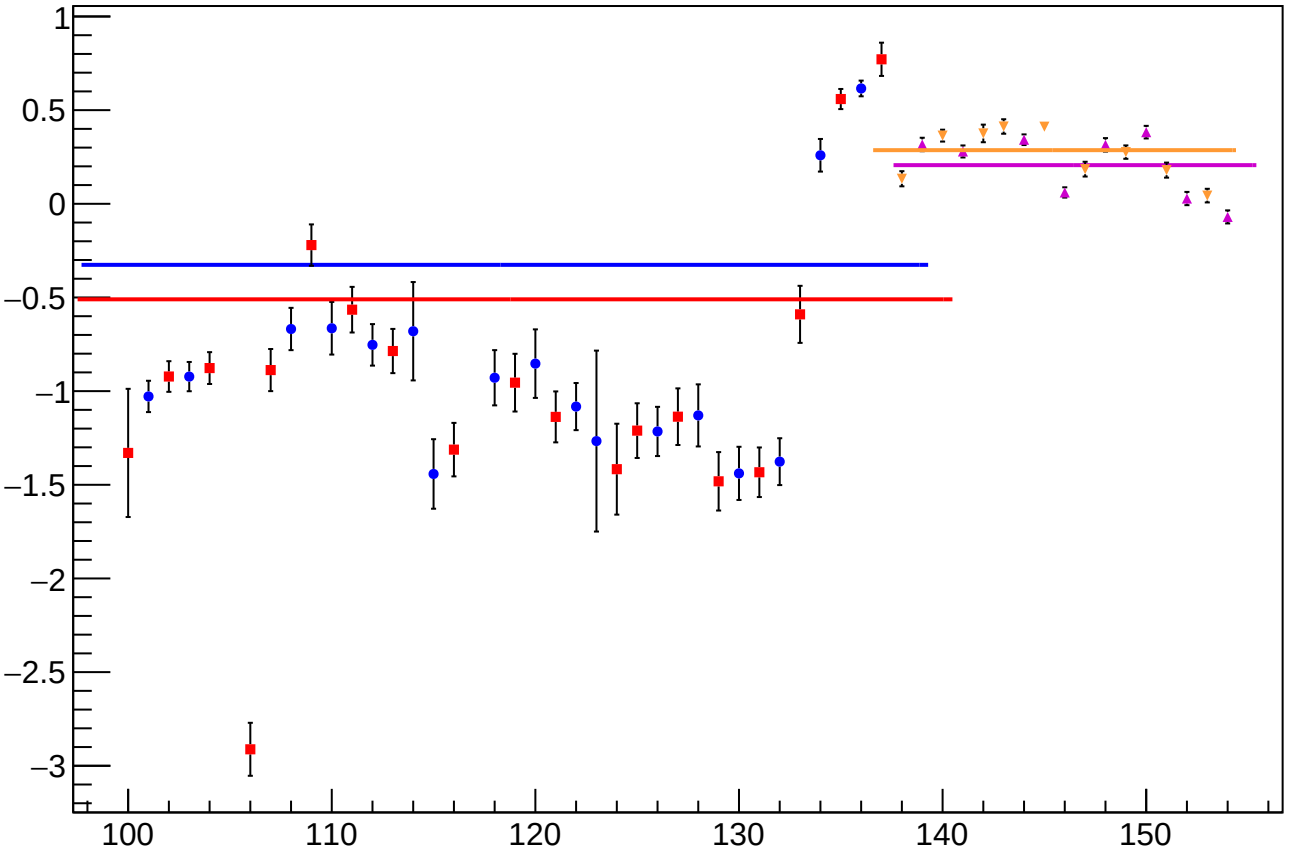
Left In: 42.736+/-0.230 χ^2/NDF:117.5/7

+ sign 38.896+/-0.210 χ^2/NDF: 4444.9/25

All: 39.381+/-0.148 χ^2/NDF: 8434.9/52

- sign 39.857+/-0.208 χ^2/NDF: 3979.4/26

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.286+/-0.012 χ^2/NDF:119.4/8

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

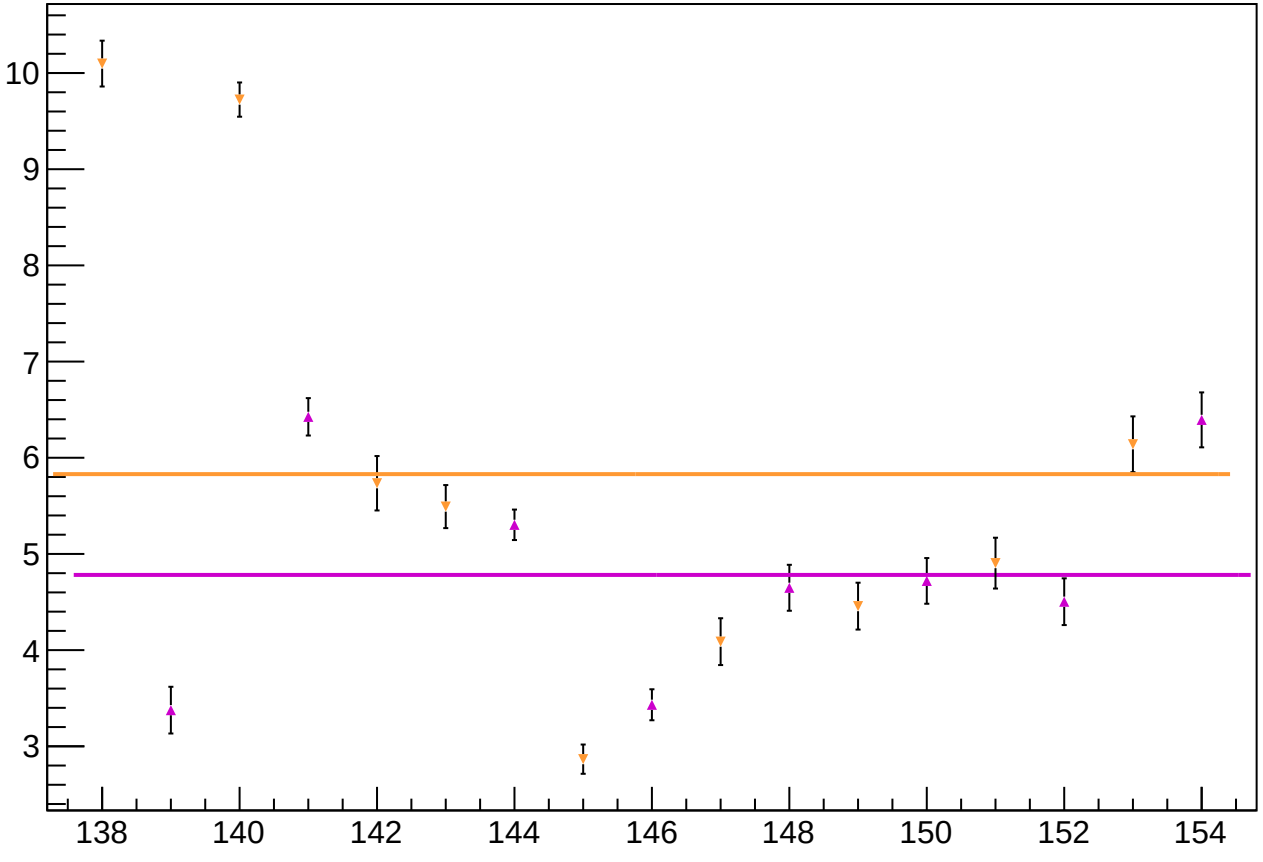
Left In: 0.206+/-0.011 χ^2/NDF:190.1/7

+ sign 0.175+/-0.011 χ^2/NDF: 1626.7/25

All: 0.130+/-0.007 χ^2/NDF: 3668.1/52

- sign 0.087+/-0.010 χ^2/NDF: 2007.1/26

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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

Left Out: 5.830+/-0.074 χ^2/NDF:1277.3/8

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

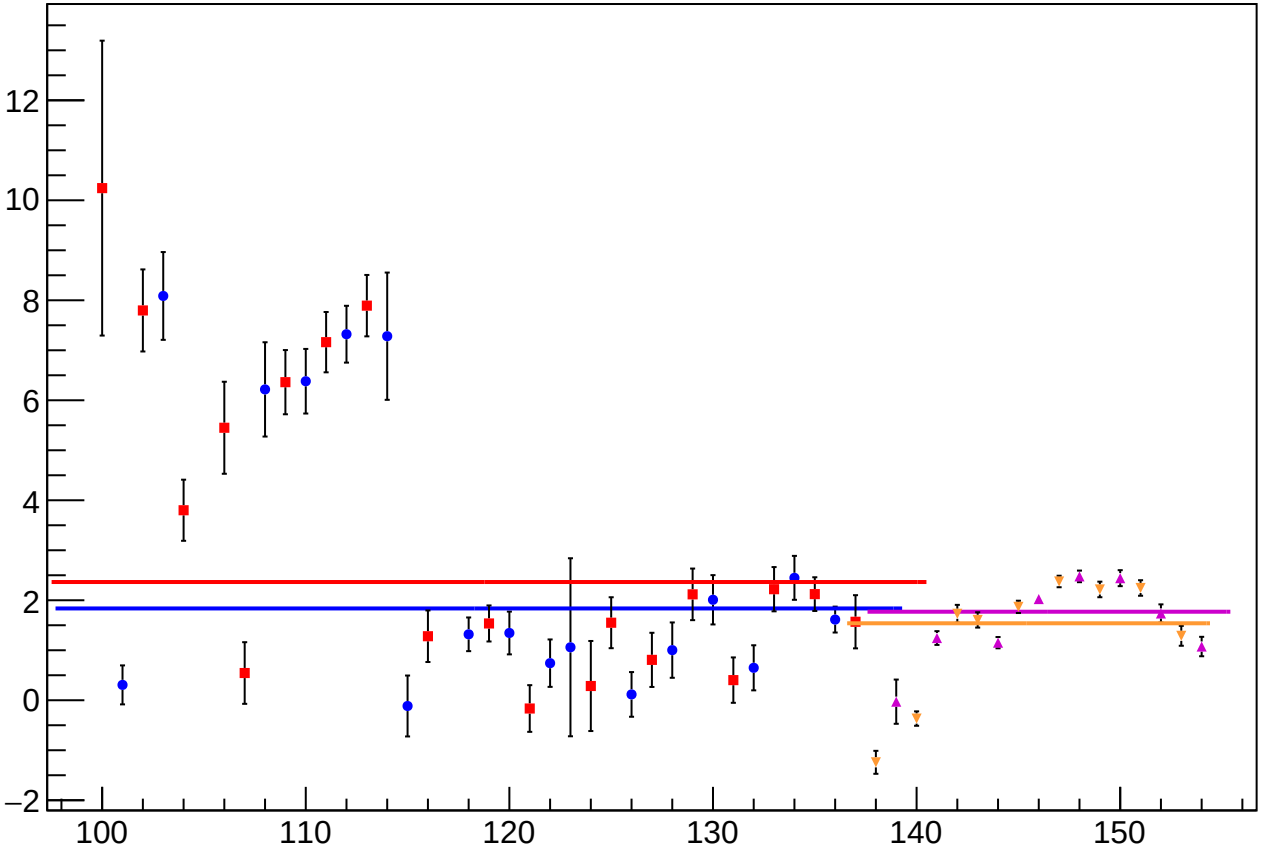
Left In: 4.782+/-0.073 χ^2/NDF:219.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5.304+/-0.052 χ^2/NDF: 1598.7/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836+/-0.116 χ^2/NDF: 294.9/16

Left Out: 1.539+/-0.051 χ^2/NDF:423.5/8

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

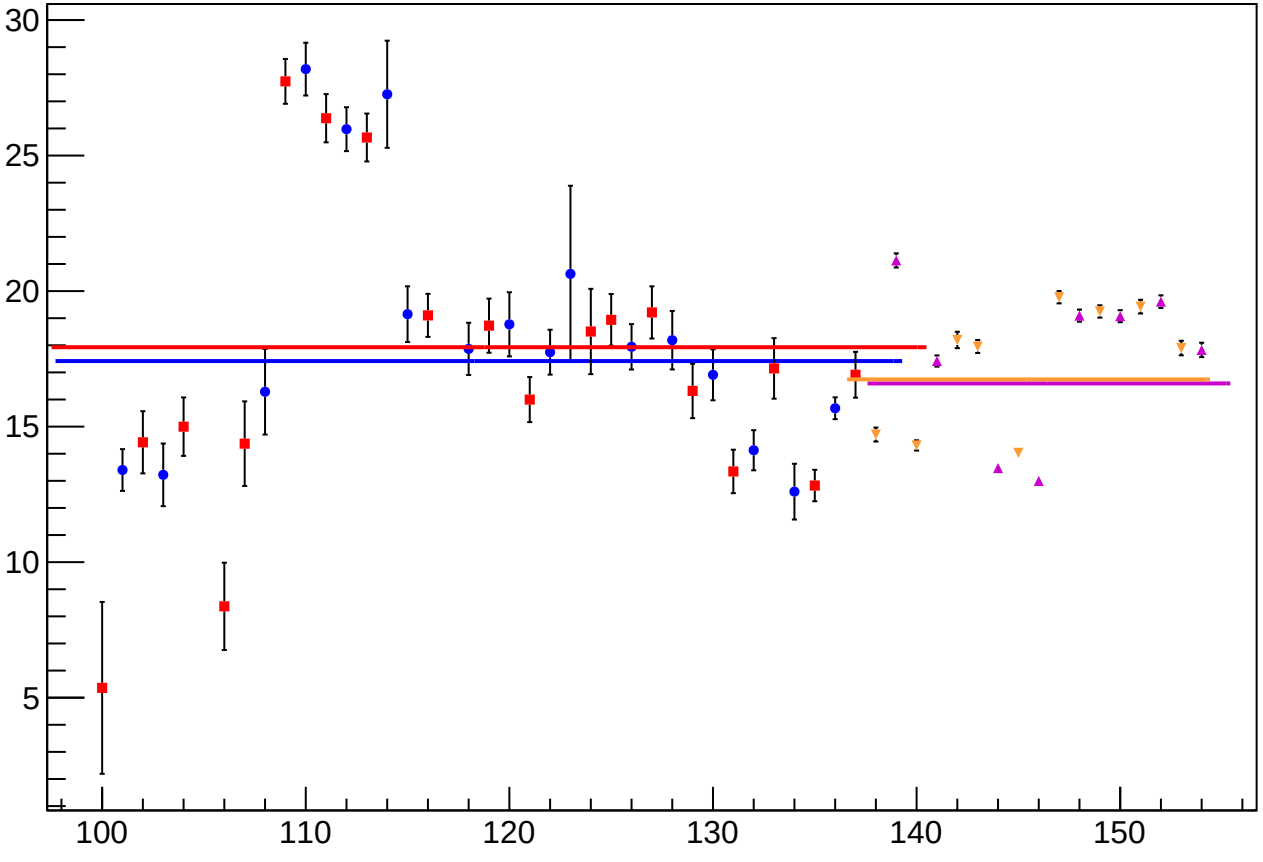
Left In: 1.771+/-0.049 χ^2/NDF:135.5/7

+ sign 1.587+/-0.046 χ^2/NDF: 723.9/25

All: 1.722+/-0.033 χ^2/NDF: 1232.7/52

- sign 1.853+/-0.046 χ^2/NDF: 492.1/26

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 16.743+/-0.075 χ^2/NDF:986.9/8

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

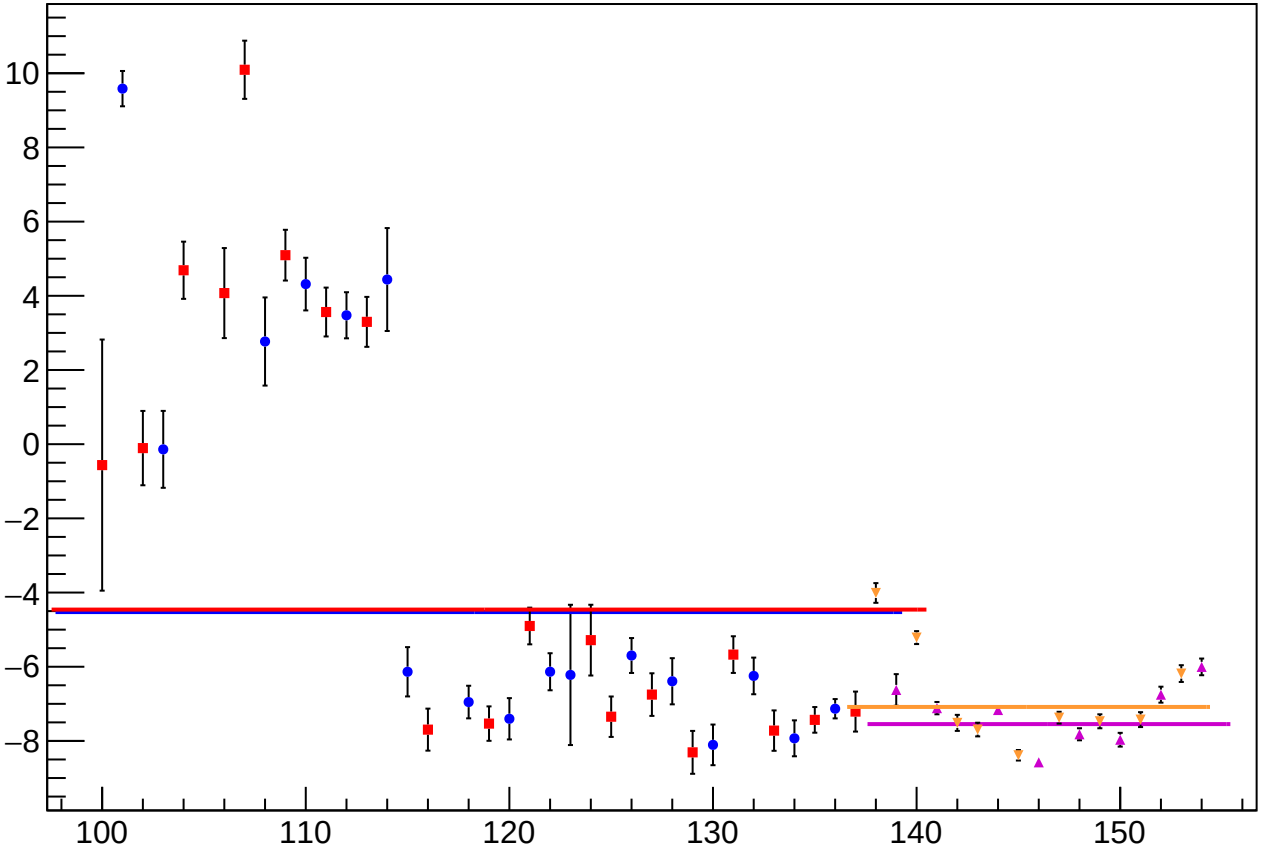
Left In: 16.593+/-0.073 χ^2/NDF:1634.2/7

+ sign 16.818+/-0.071 χ^2/NDF: 1362.8/25

All: 16.772+/-0.050 χ^2/NDF: 3537.7/52

- sign 16.727+/-0.069 χ^2/NDF: 2174.0/26

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526+/-0.130 χ^2/NDF: 1590.2/16

Left Out: -7.084+/-0.062 χ^2/NDF:373.9/8

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

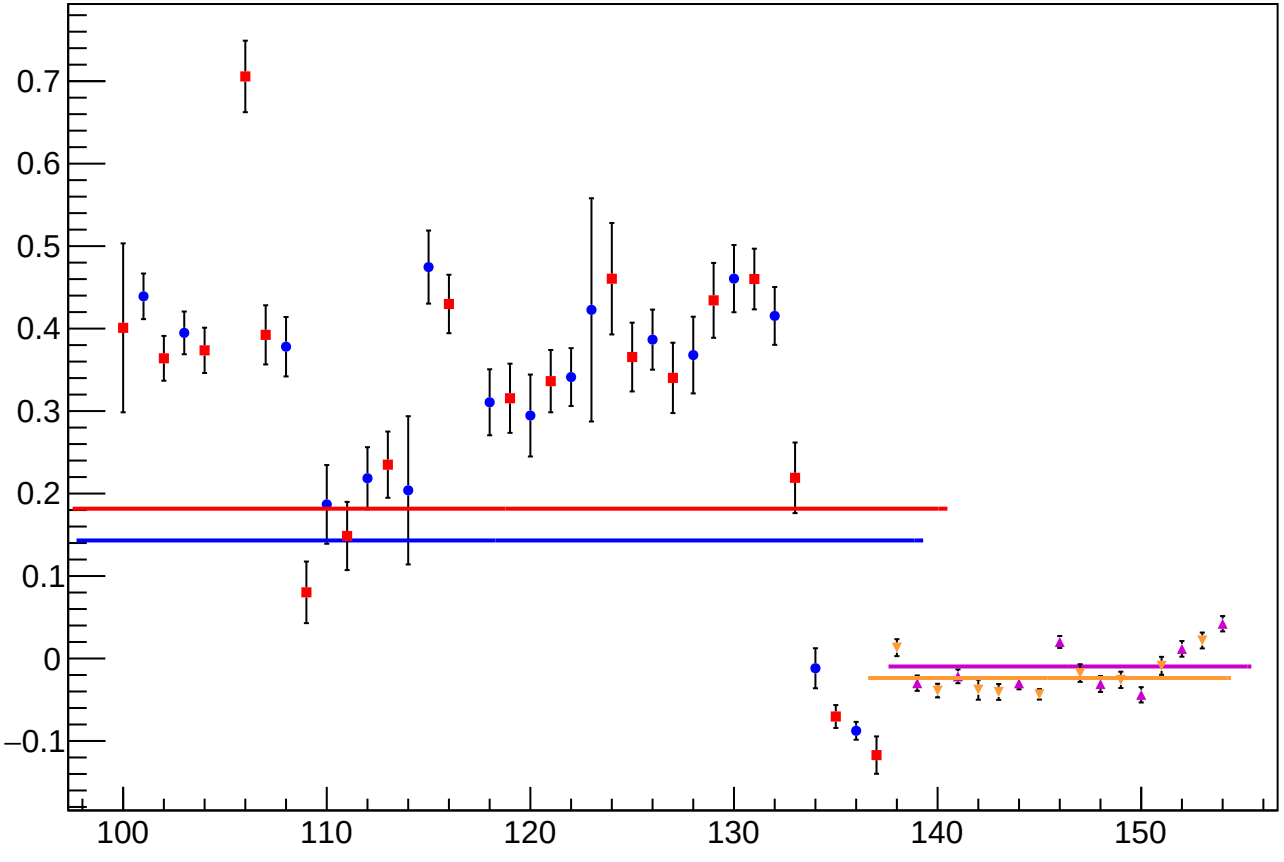
Left In: -7.546+/-0.061 χ^2/NDF:156.9/7

+ sign -6.606+/-0.056 χ^2/NDF: 2281.3/25

All: -6.824+/-0.039 χ^2/NDF: 4231.5/52

- sign -7.038+/-0.056 χ^2/NDF: 1920.2/26

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: -0.024+/-0.003 χ^2/NDF:55.0/8

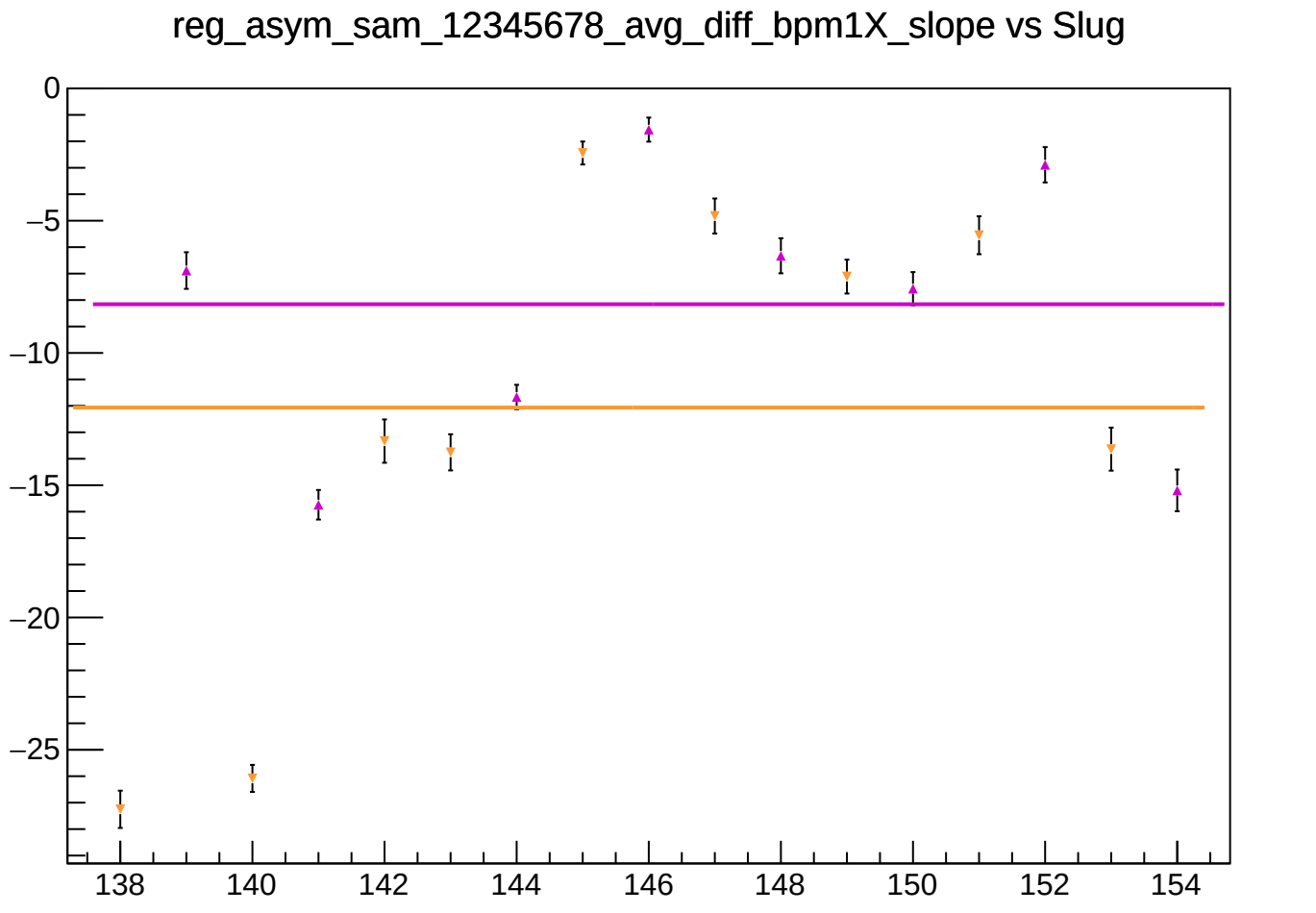
Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: -0.010+/-0.003 χ^2/NDF:85.9/7

+ sign 0.003+/-0.003 χ^2/NDF: 1584.7/25

All: 0.011+/-0.002 χ^2/NDF: 3266.1/52

- sign 0.018+/-0.003 χ^2/NDF: 1667.8/26



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

Left Out: -12.063+/-0.209 χ^2/NDF:1983.9/8

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

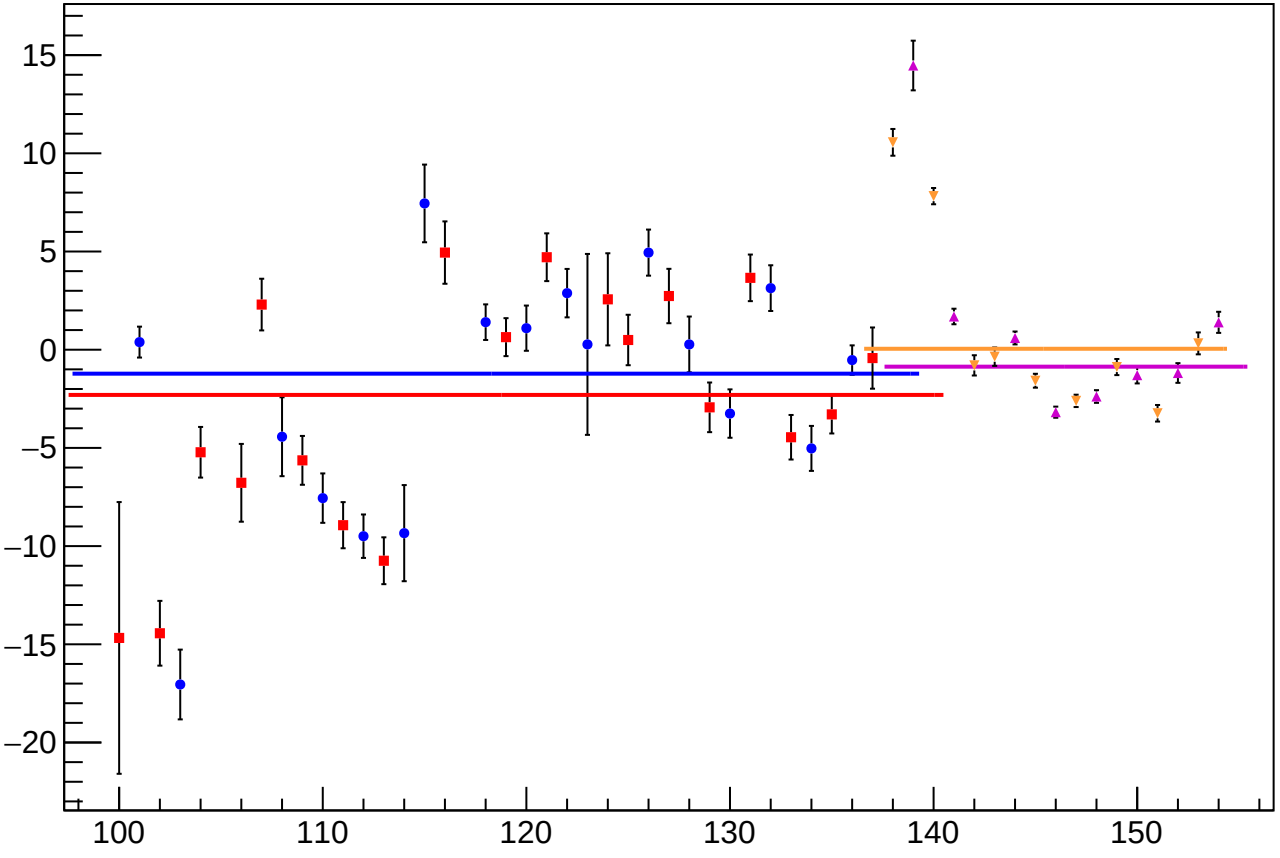
Left In: -8.159+/-0.206 χ^2/NDF:606.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -10.088+/-0.147 χ^2/NDF: 2767.5/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.220+/-0.290 χ^2/NDF: 278.6/16

Left Out: 0.048+/-0.143 χ^2/NDF:752.2/8

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

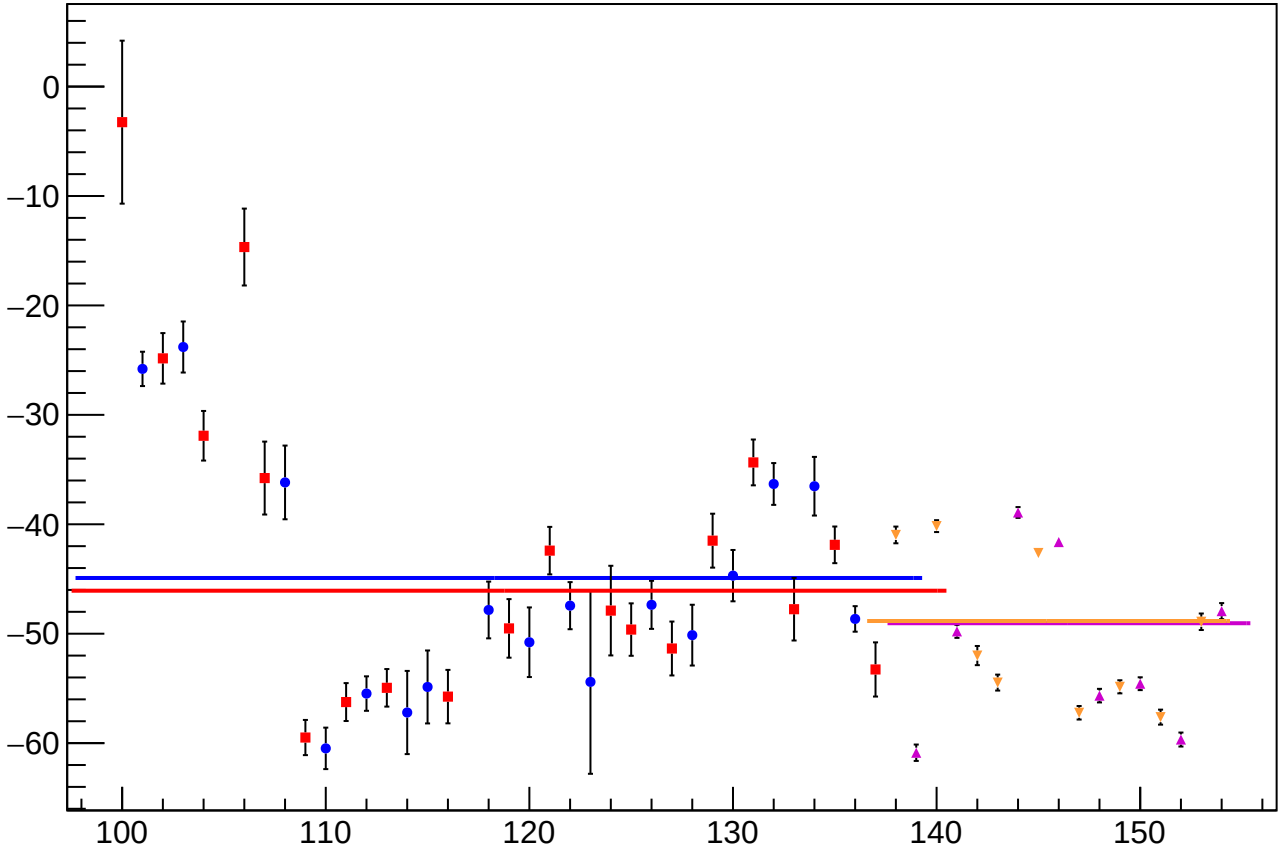
Left In: -0.863+/-0.139 χ^2/NDF:316.9/7

+ sign -0.199+/-0.128 χ^2/NDF: 1046.2/25

All: -0.662+/-0.090 χ^2/NDF: 1693.8/52

- sign -1.116+/-0.127 χ^2/NDF: 621.7/26

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -48.840+/-0.212 χ^2/NDF:1064.1/8

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

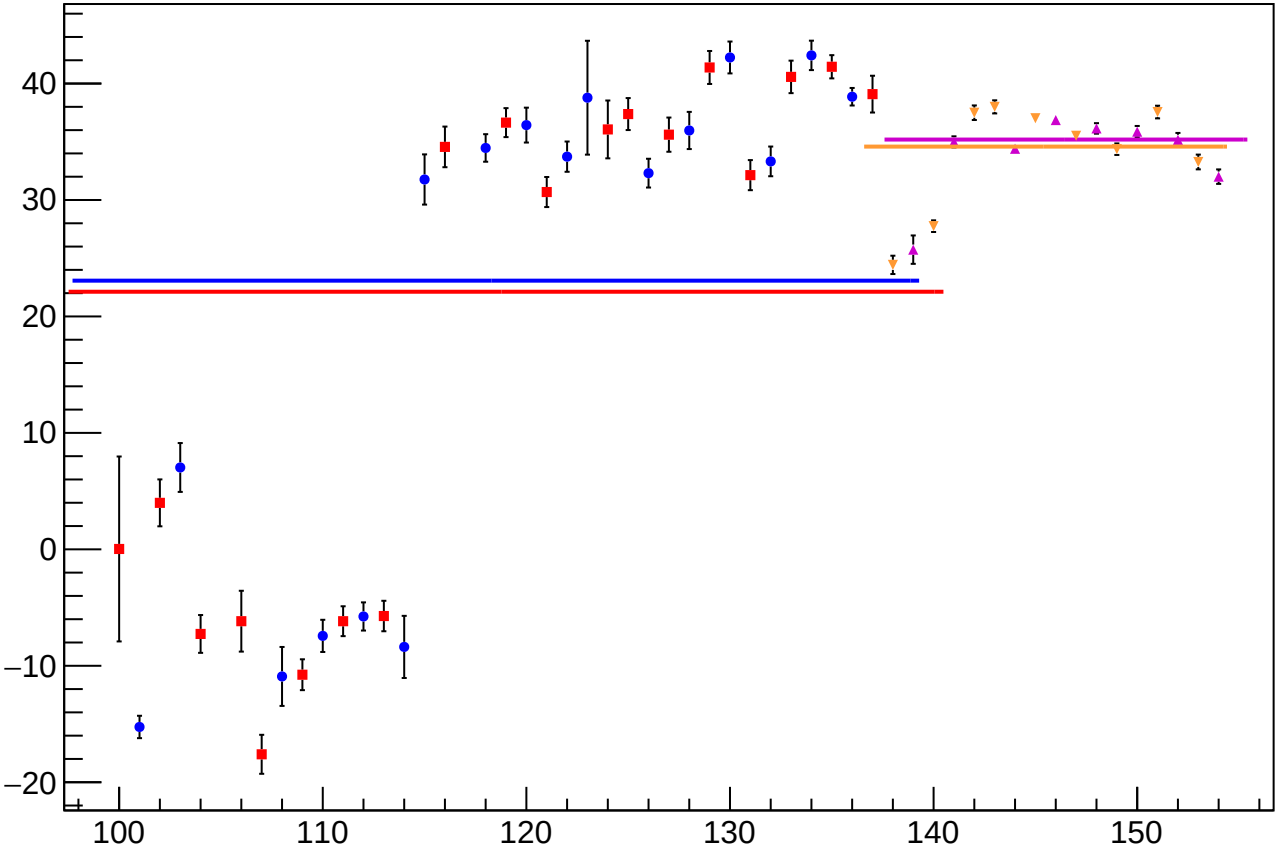
Left In: -49.043+/-0.205 χ^2/NDF:1441.0/7

+ sign -48.285+/-0.196 χ^2/NDF: 1533.9/25

All: -48.474+/-0.137 χ^2/NDF: 3458.1/52

- sign -48.653+/-0.191 χ^2/NDF: 1922.4/26

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 34.586+/-0.175 χ^2/NDF:485.7/8

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

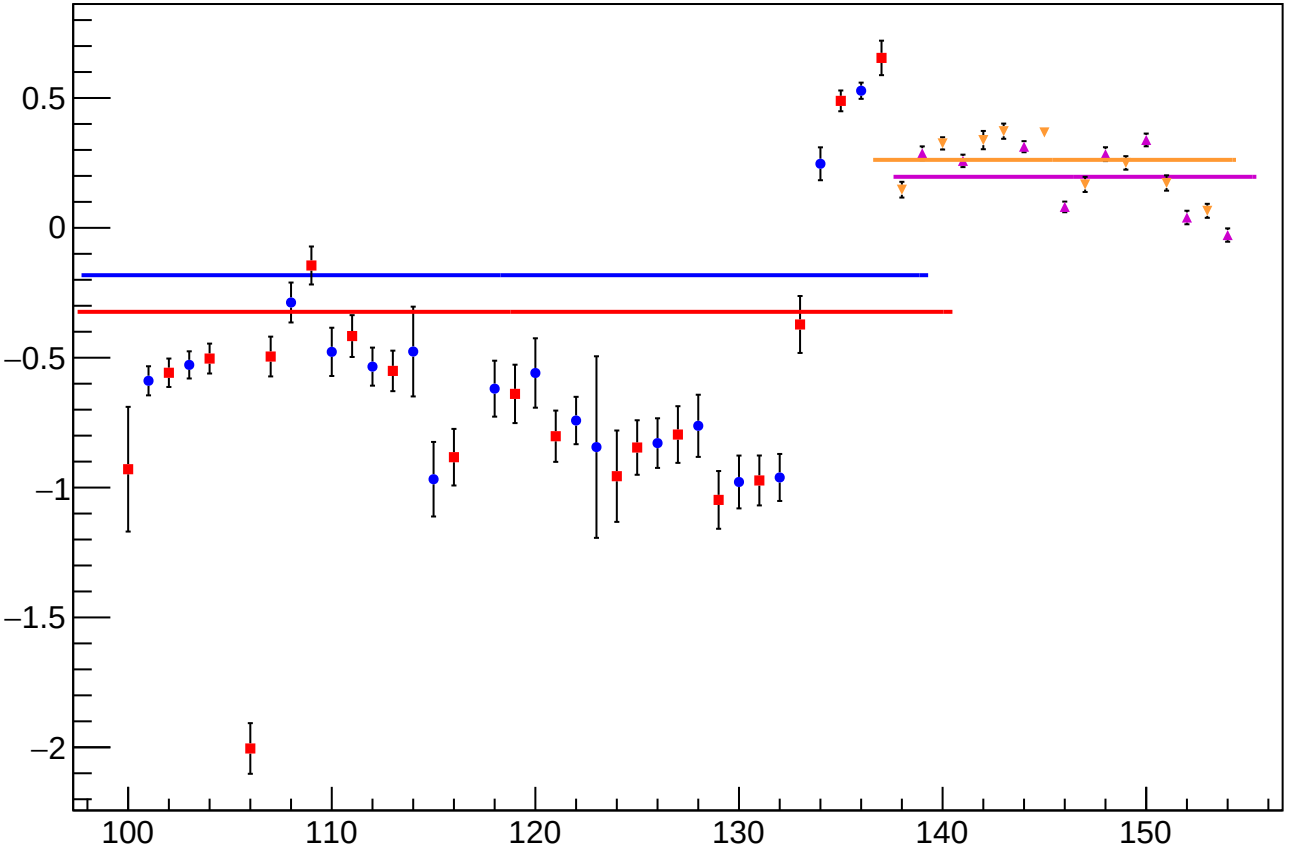
Left In: 35.190+/-0.171 χ^2/NDF:119.3/7

+ sign 32.007+/-0.154 χ^2/NDF: 5799.4/25

All: 32.277+/-0.109 χ^2/NDF: 11138.1/52

- sign 32.543+/-0.153 χ^2/NDF: 5332.6/26

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.262+/-0.009 χ^2/NDF:147.4/8

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

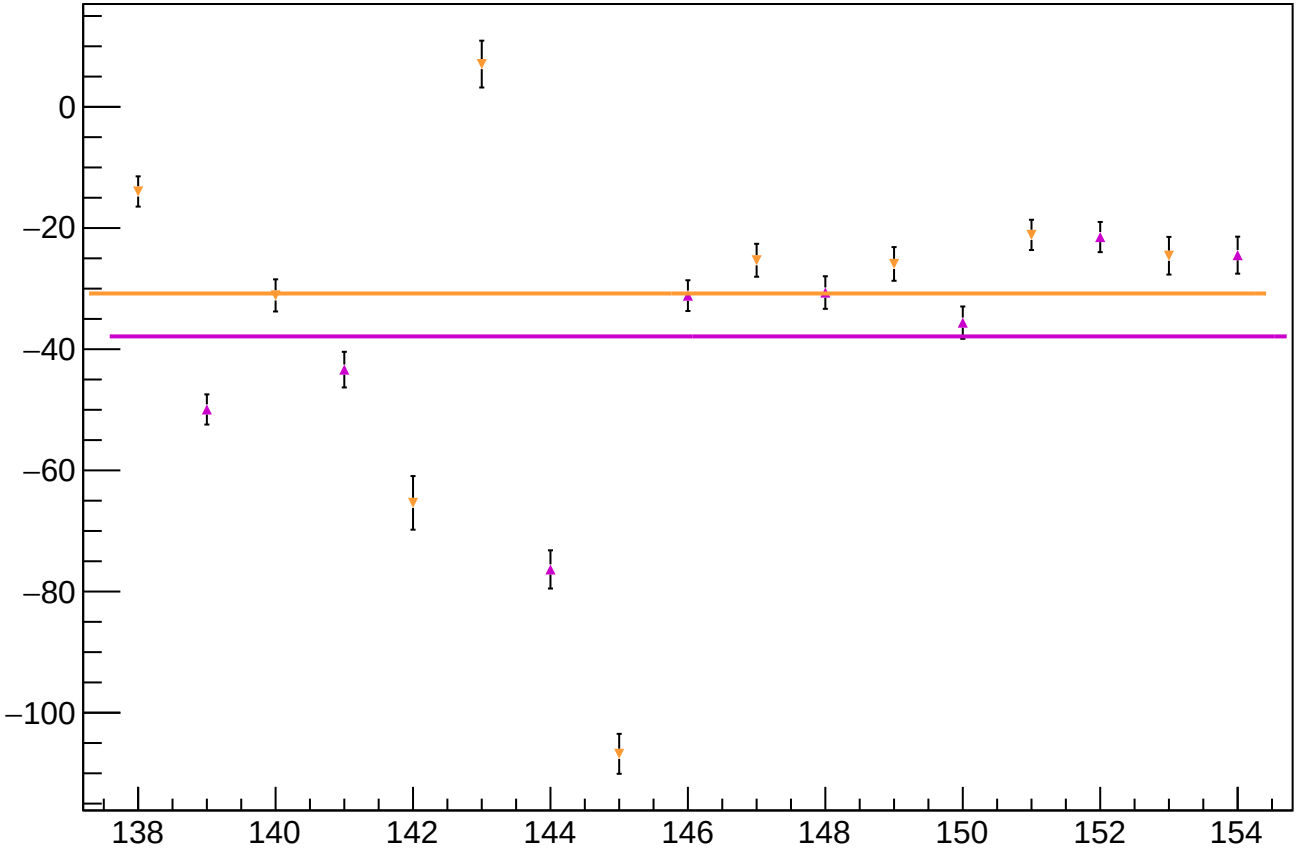
Left In: 0.197+/-0.009 χ^2/NDF:236.1/7

+ sign 0.175+/-0.008 χ^2/NDF: 1650.4/25

All: 0.138+/-0.005 χ^2/NDF: 3785.6/52

- sign 0.103+/-0.008 χ^2/NDF: 2092.2/26

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -30.802+/-0.980 χ^2/NDF:759.8/8

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

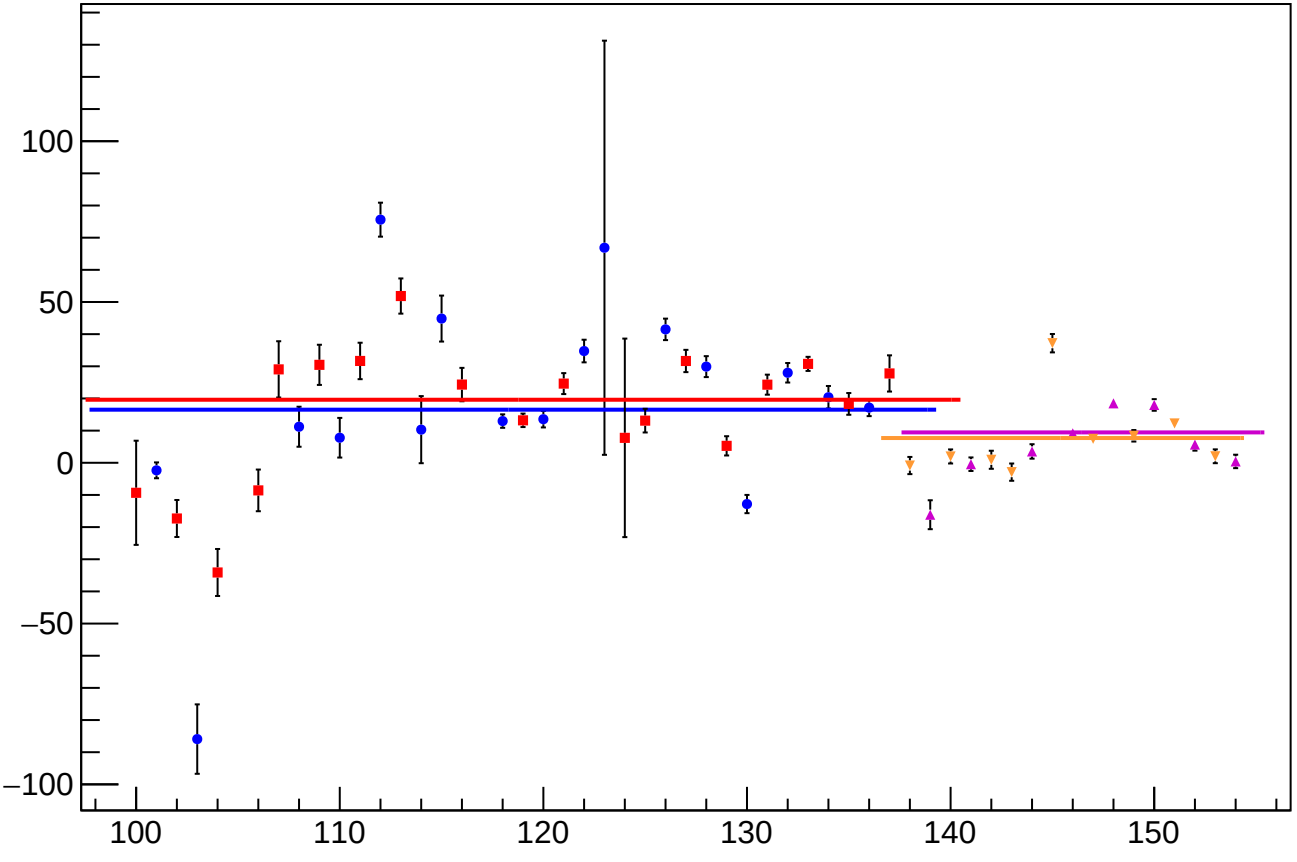
Left In: -37.885+/-0.962 χ^2/NDF:253.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -34.409+/-0.687 χ^2/NDF: 1039.8/16

- 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: 7.697+/-0.650 χ^2/NDF:162.4/8

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

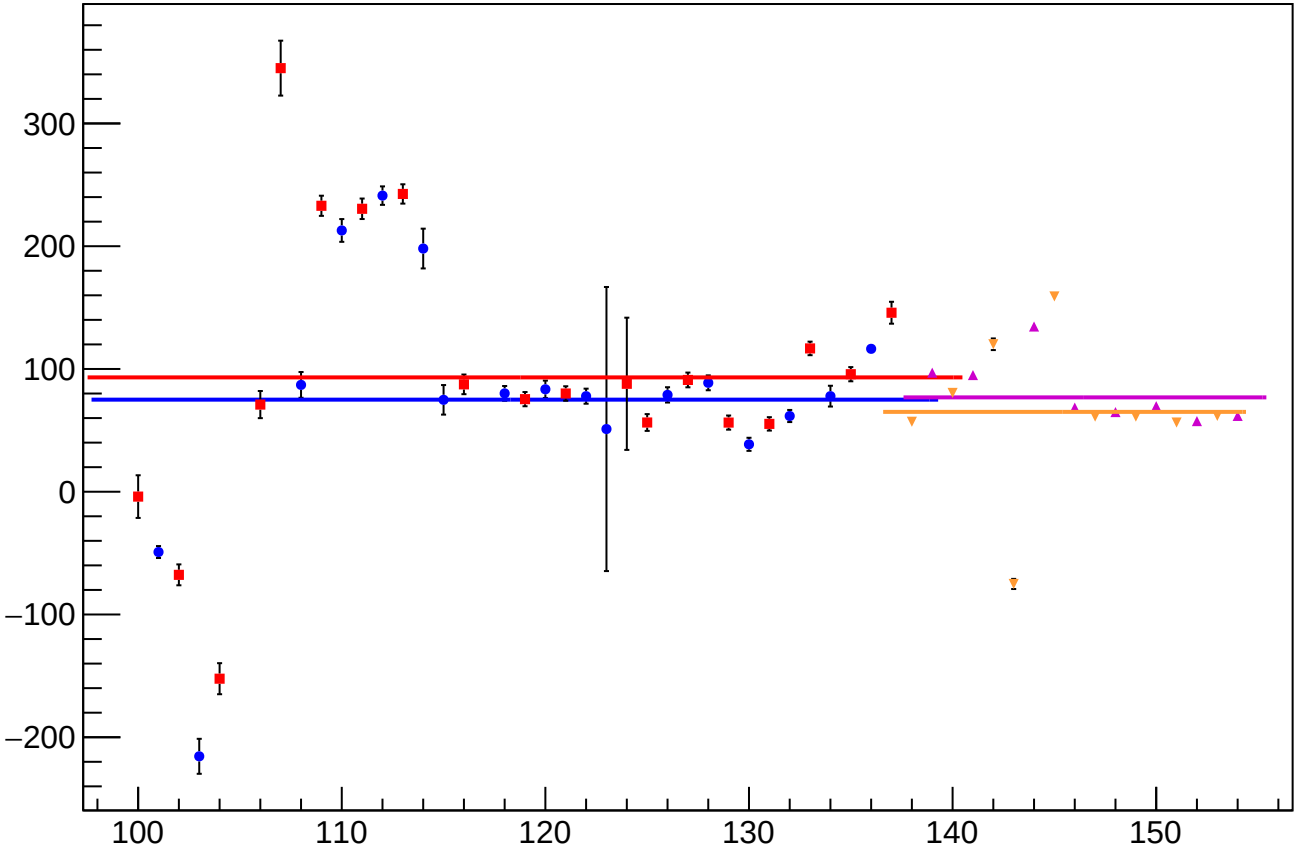
Left In: 9.447+/-0.655 χ^2/NDF:154.2/7

+ sign 10.963+/-0.516 χ^2/NDF: 750.1/25

All: 11.943+/-0.369 χ^2/NDF: 1237.1/52

- sign 12.974+/-0.529 χ^2/NDF: 479.6/26

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 65.051+/-0.977 χ^2/NDF:2101.7/8

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

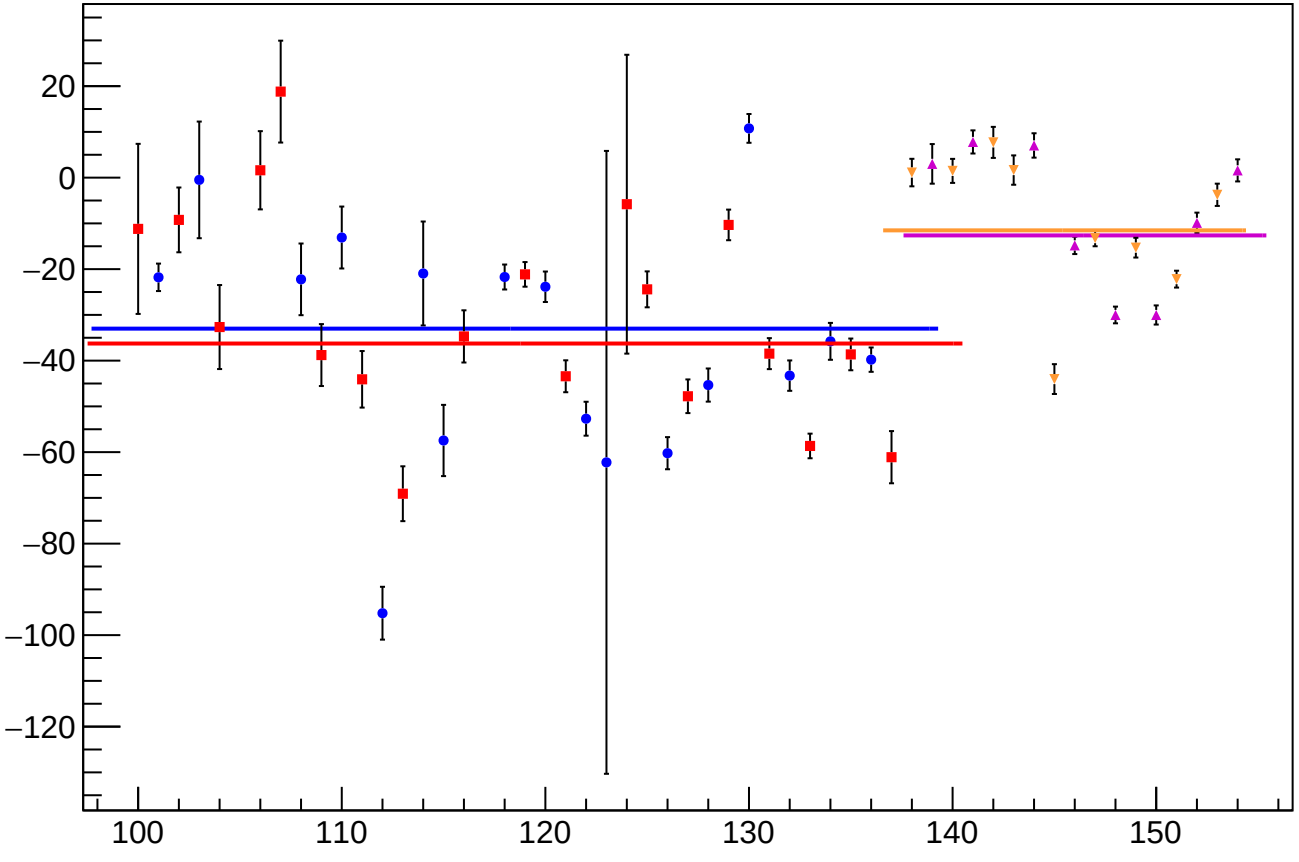
Left In: 76.857+/-0.947 χ^2/NDF:519.0/7

+ sign 67.668+/-0.839 χ^2/NDF: 4128.4/25

All: 74.250+/-0.589 χ^2/NDF: 6840.8/52

- sign 80.676+/-0.829 χ^2/NDF: 2590.7/26

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -11.523+/-0.809 χ^2/NDF:238.1/8

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

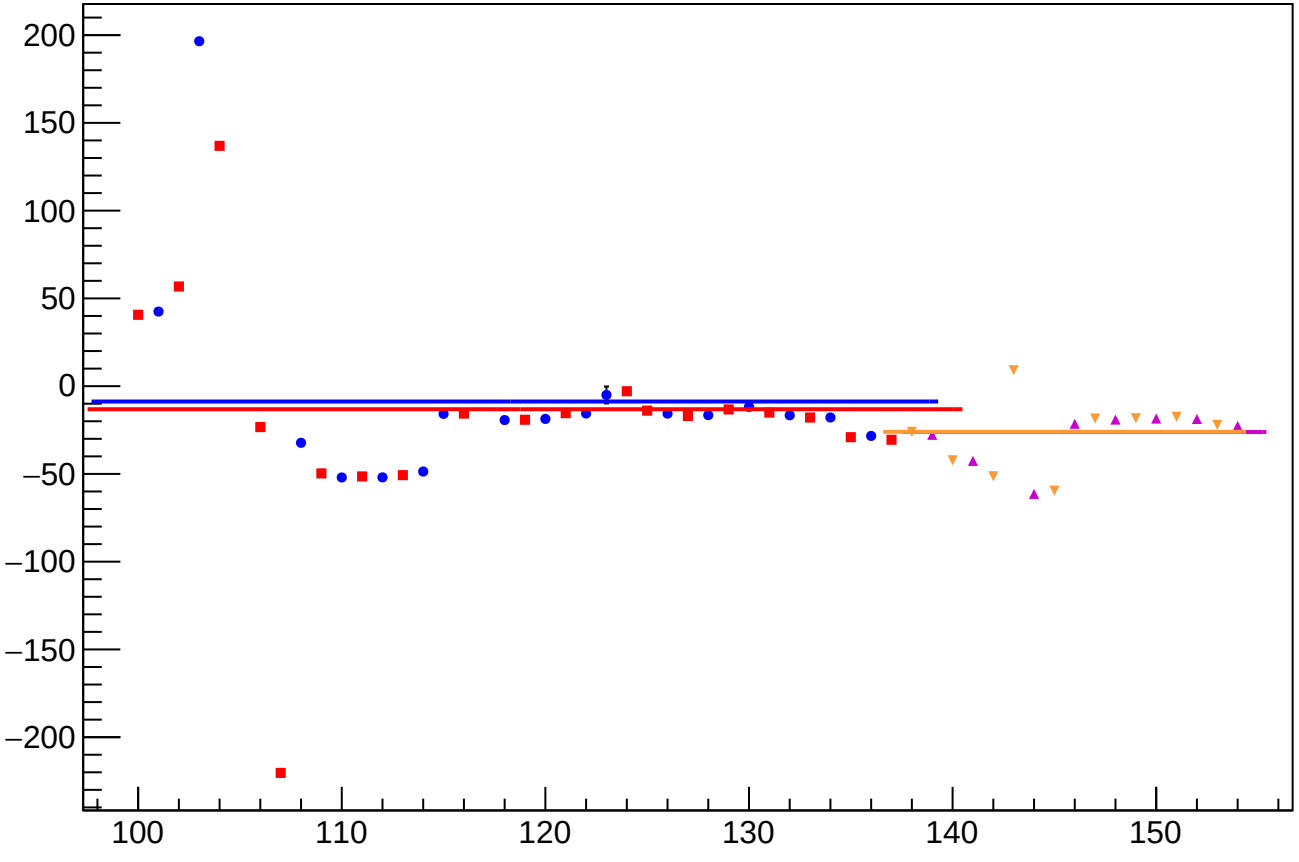
Left In: -12.628+/-0.809 χ^2/NDF:329.9/7

+ sign -20.318+/-0.622 χ^2/NDF: 1019.8/25

All: -20.992+/-0.444 χ^2/NDF: 1976.7/52

- sign -21.694+/-0.635 χ^2/NDF: 954.5/26

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -26.016+/-0.040 χ^2/NDF:158833.4/8

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

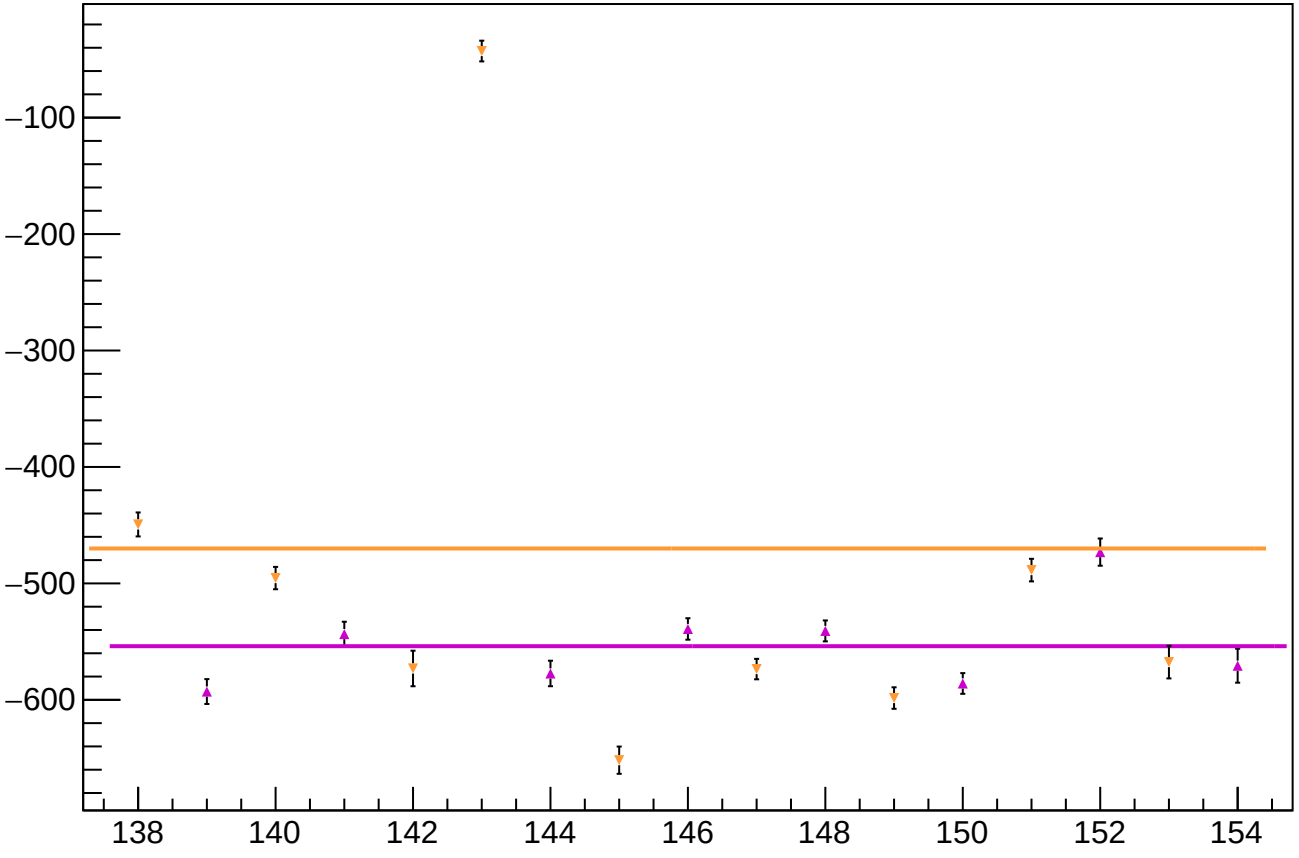
Left In: -26.138+/-0.038 χ^2/NDF:92730.6/7

+ sign -20.477+/-0.033 χ^2/NDF: 793389.9/25

All: -21.528+/-0.023 χ^2/NDF: 1478700.5/52

- sign -22.529+/-0.033 χ^2/NDF: 683367.5/26

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -470.028+/-3.431 χ^2/NDF:2987.3/8

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

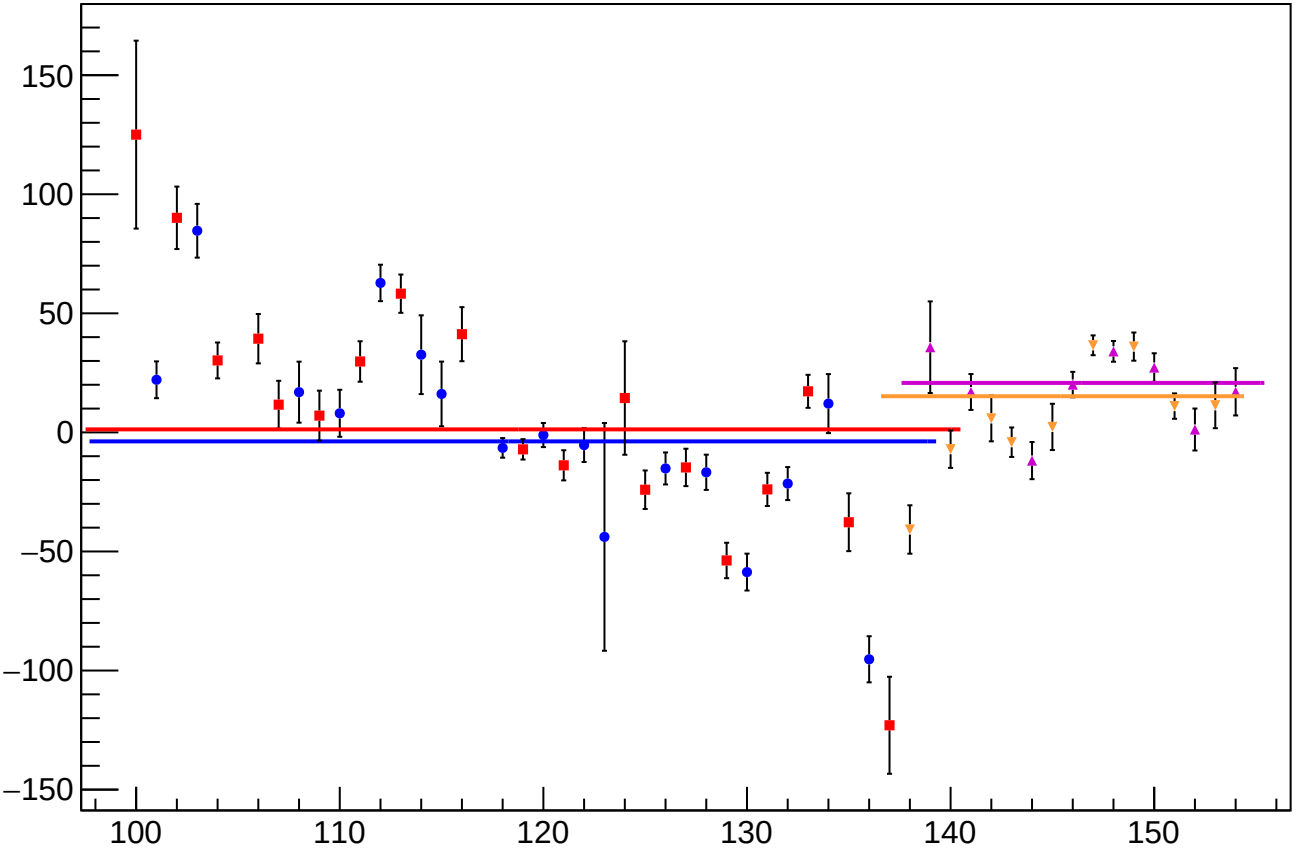
Left In: -553.920+/-3.655 χ^2/NDF:85.6/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -509.316+/-2.502 χ^2/NDF: 3352.9/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: 15.186+/-2.205 χ^2/NDF:90.4/8

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

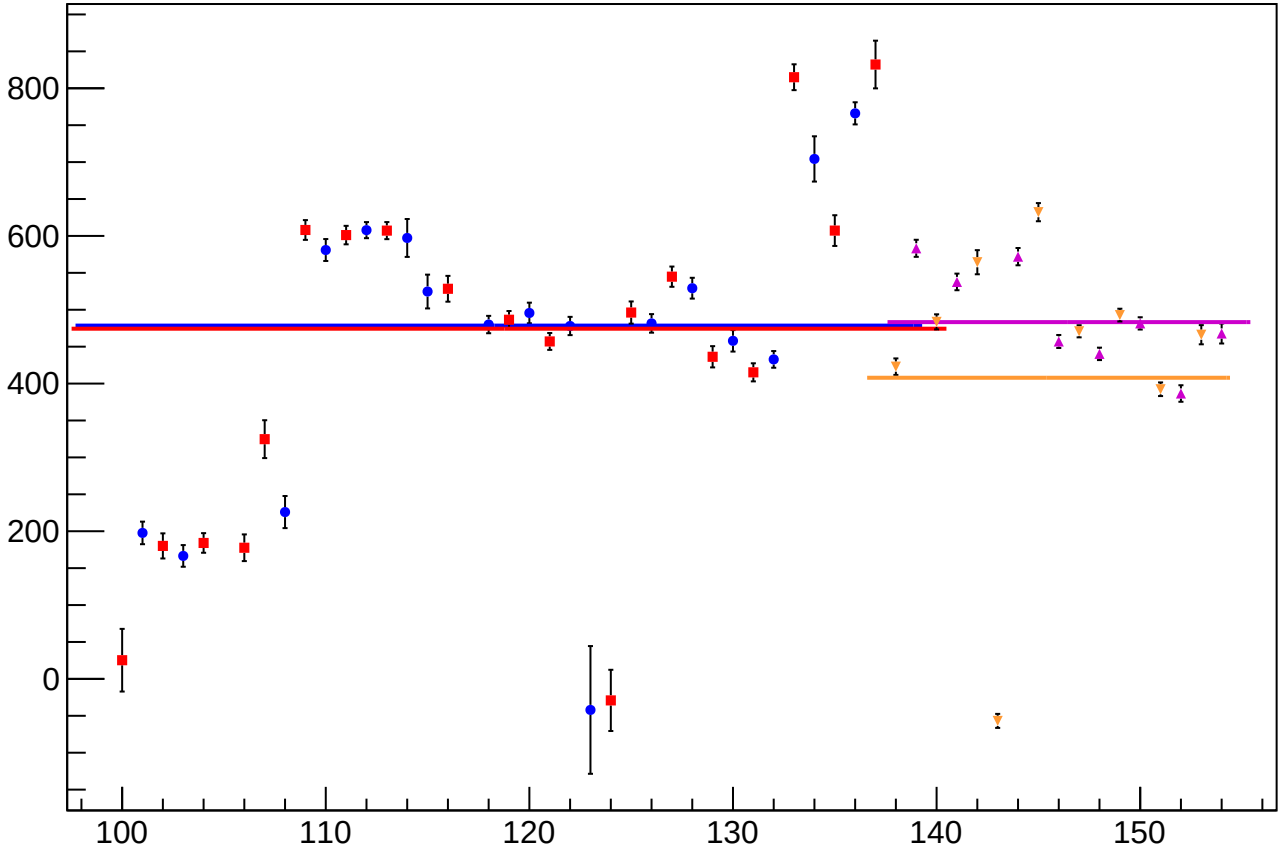
Left In: 20.780+/-2.389 χ^2/NDF:33.9/7

+ sign 4.250+/-1.434 χ^2/NDF: 447.3/25

All: 6.487+/-1.036 χ^2/NDF: 830.6/52

- sign 8.924+/-1.497 χ^2/NDF: 378.1/26

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 407.891+/-3.430 χ^2/NDF:3053.2/8

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

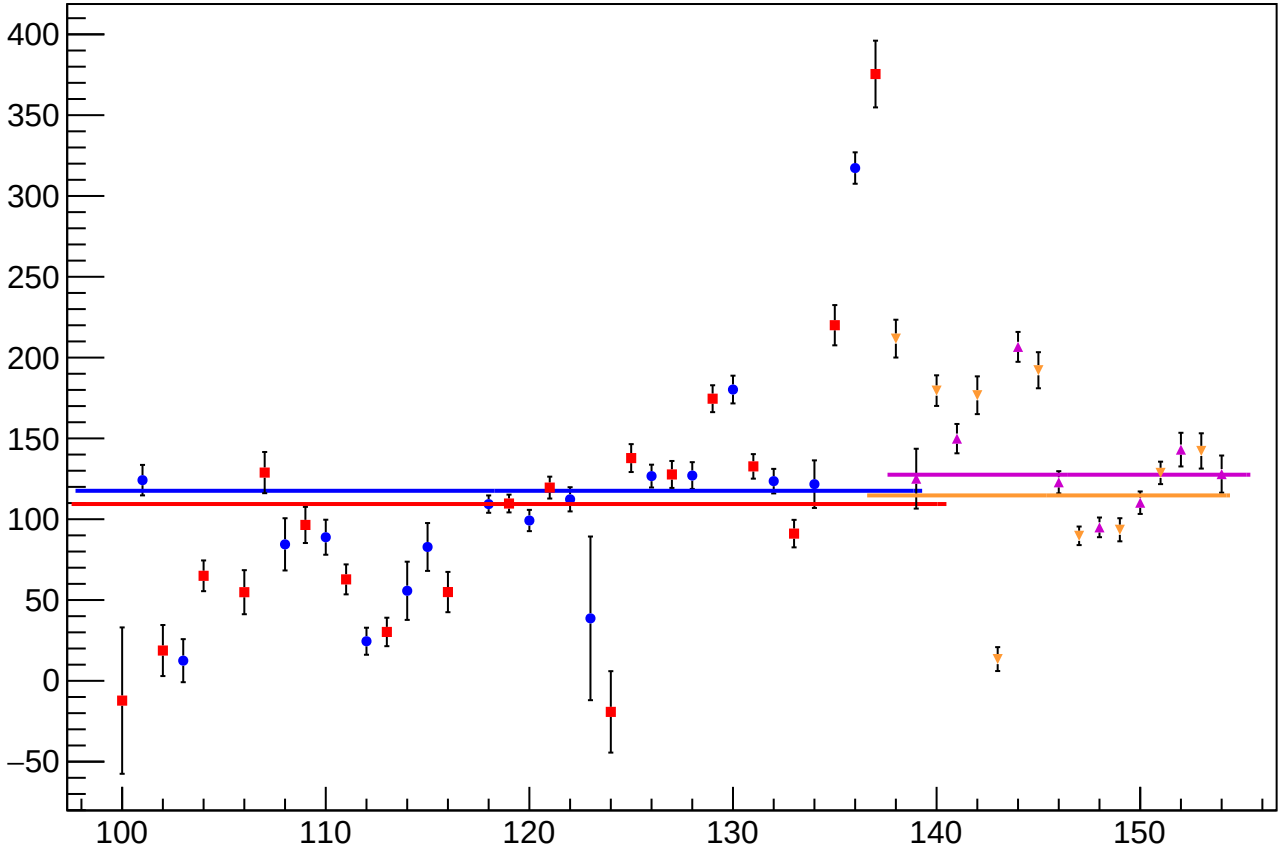
Left In: 483.255+/-3.592 χ^2/NDF:266.3/7

+ sign 441.211+/-2.493 χ^2/NDF: 4882.2/25

All: 459.774+/-1.772 χ^2/NDF: 7550.8/52

- sign 478.718+/-2.519 χ^2/NDF: 2556.5/26

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 114.726+/-2.762 χ^2/NDF:417.5/8

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

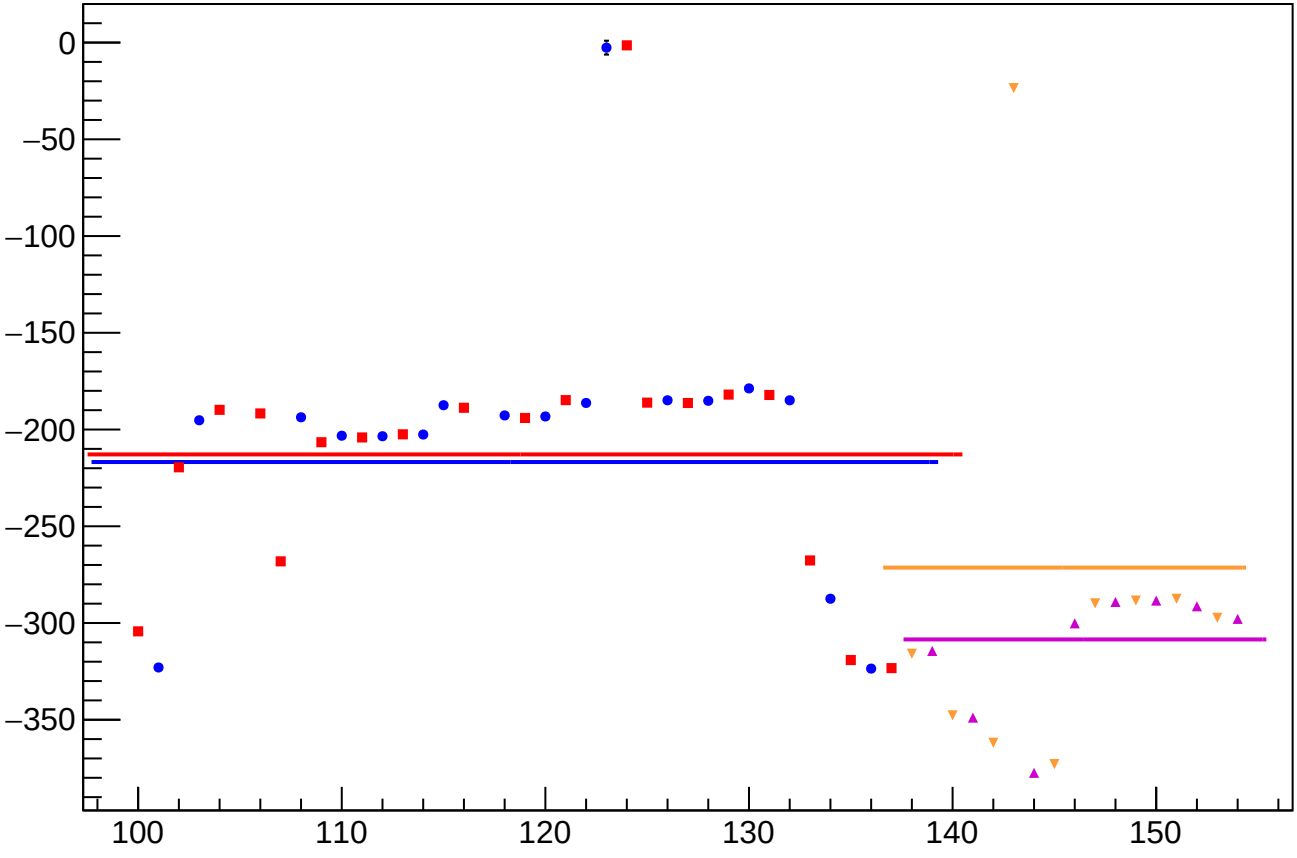
Left In: 127.533+/-2.983 χ^2/NDF:116.7/7

+ sign 116.480+/-1.717 χ^2/NDF: 1125.1/25

All: 116.163+/-1.234 χ^2/NDF: 1836.9/52

- sign 115.825+/-1.776 χ^2/NDF: 711.7/26

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -271.349+/-0.144 χ^2/NDF:536110.7/8

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

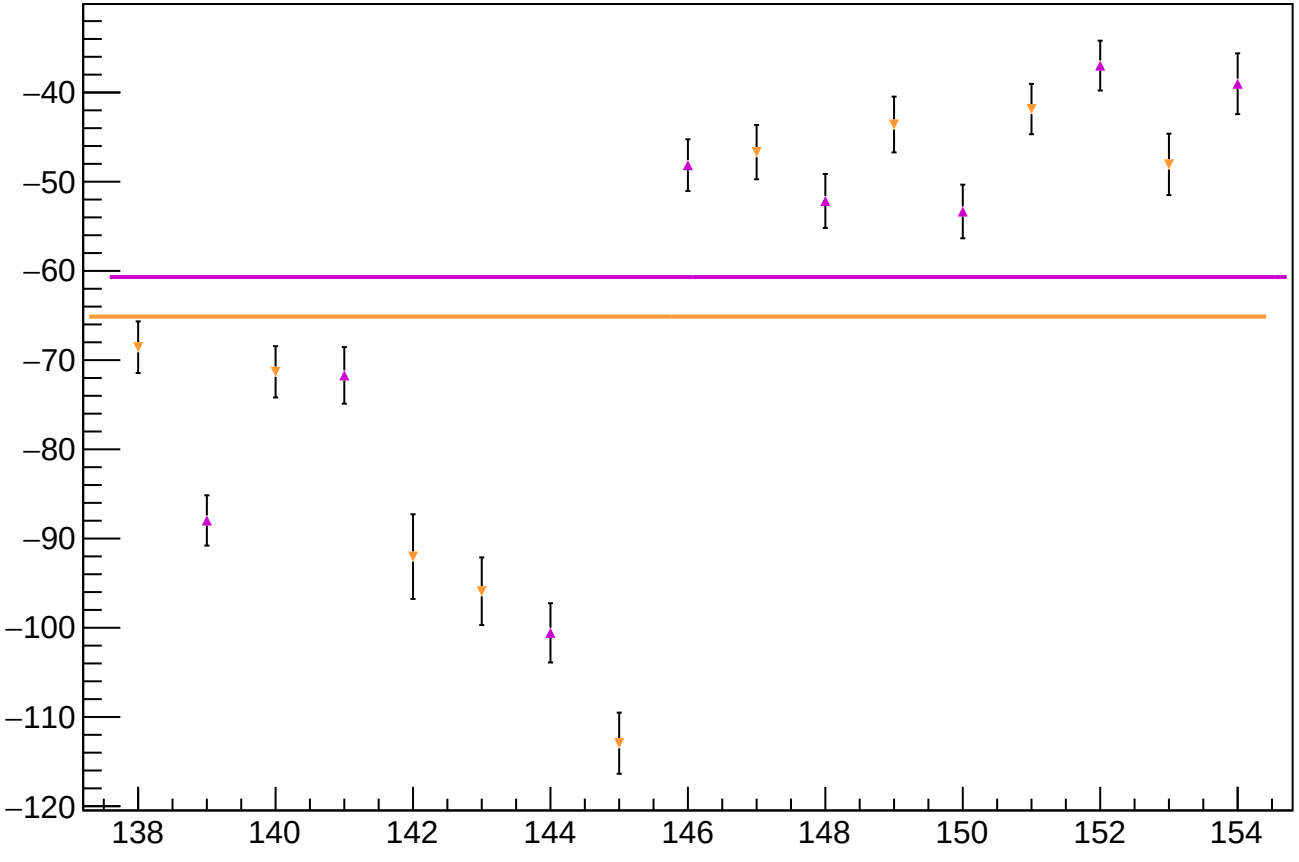
Left In: -308.498+/-0.148 χ^2/NDF:34678.5/7

+ sign -242.449+/-0.099 χ^2/NDF: 759139.9/25

All: -248.599+/-0.069 χ^2/NDF: 1153586.5/52

- sign -254.620+/-0.098 χ^2/NDF: 386768.9/26

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -65.127+/-1.078 χ^2/NDF:475.3/8

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

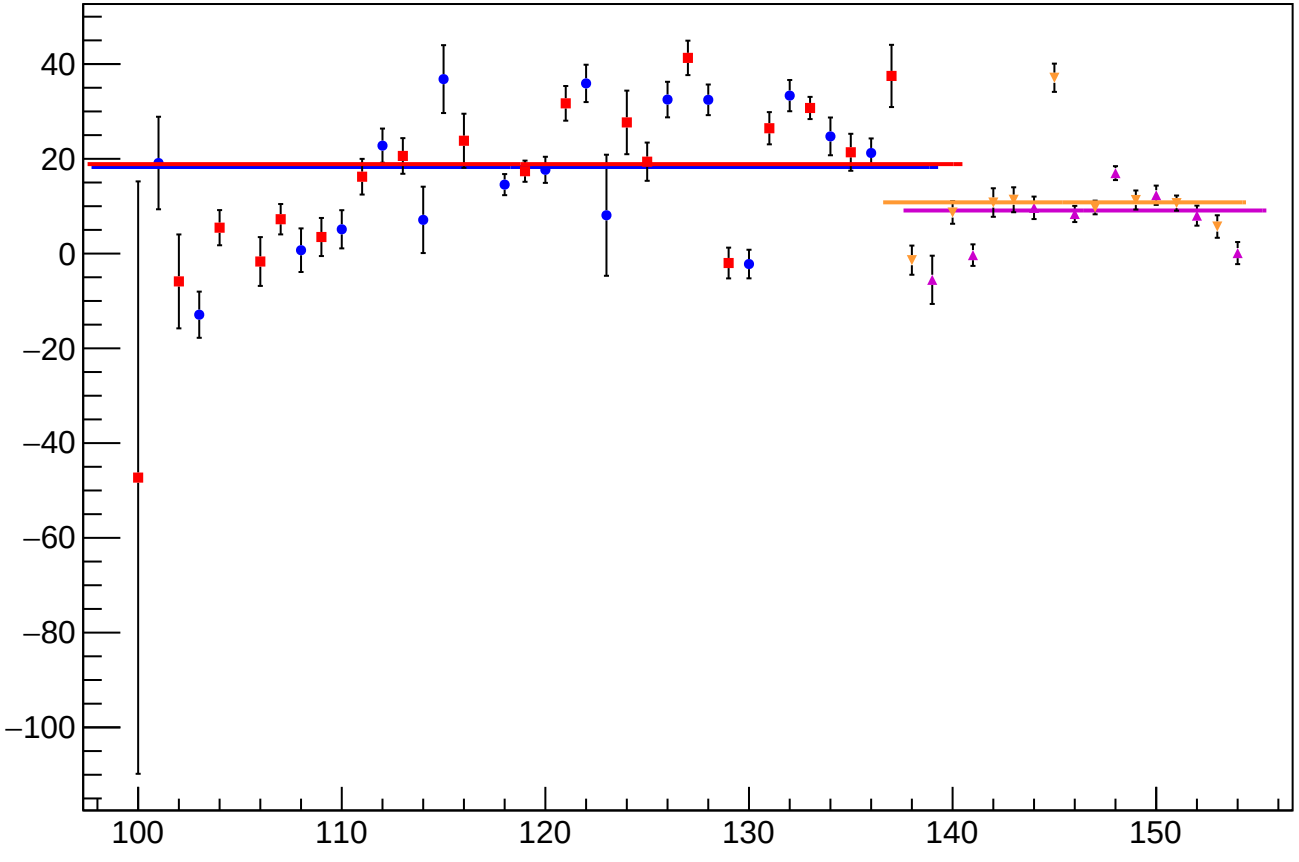
Left In: -60.689+/-1.072 χ^2/NDF:395.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -62.895+/-0.760 χ^2/NDF: 879.2/16

- 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: 10.814+/-0.717 χ^2/NDF:99.6/8

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

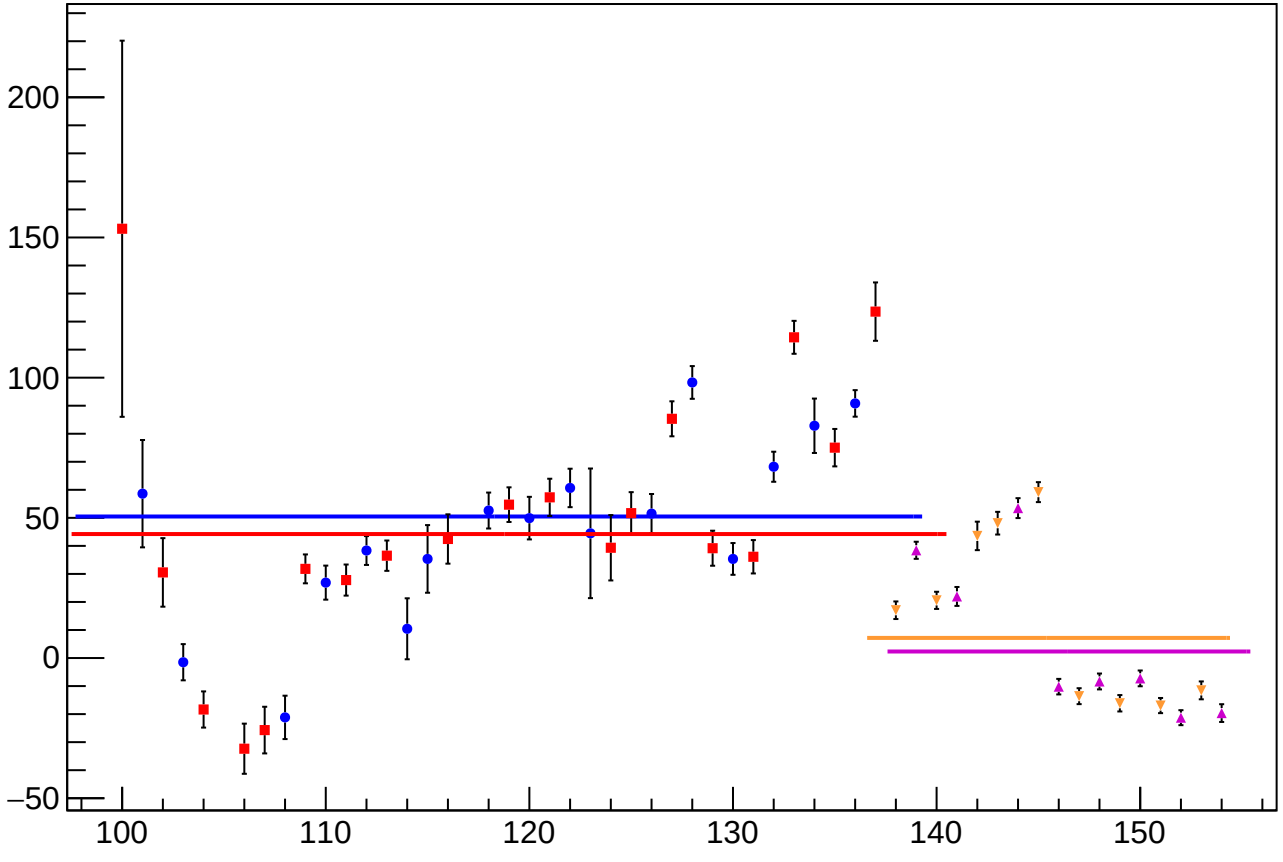
Left In: 9.093+/-0.732 χ^2/NDF:72.1/7

+ sign 13.692+/-0.562 χ^2/NDF: 345.9/25

All: 13.436+/-0.396 χ^2/NDF: 691.5/52

- sign 13.184+/-0.559 χ^2/NDF: 345.2/26

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 7.177+/-1.076 χ^2/NDF:626.9/8

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

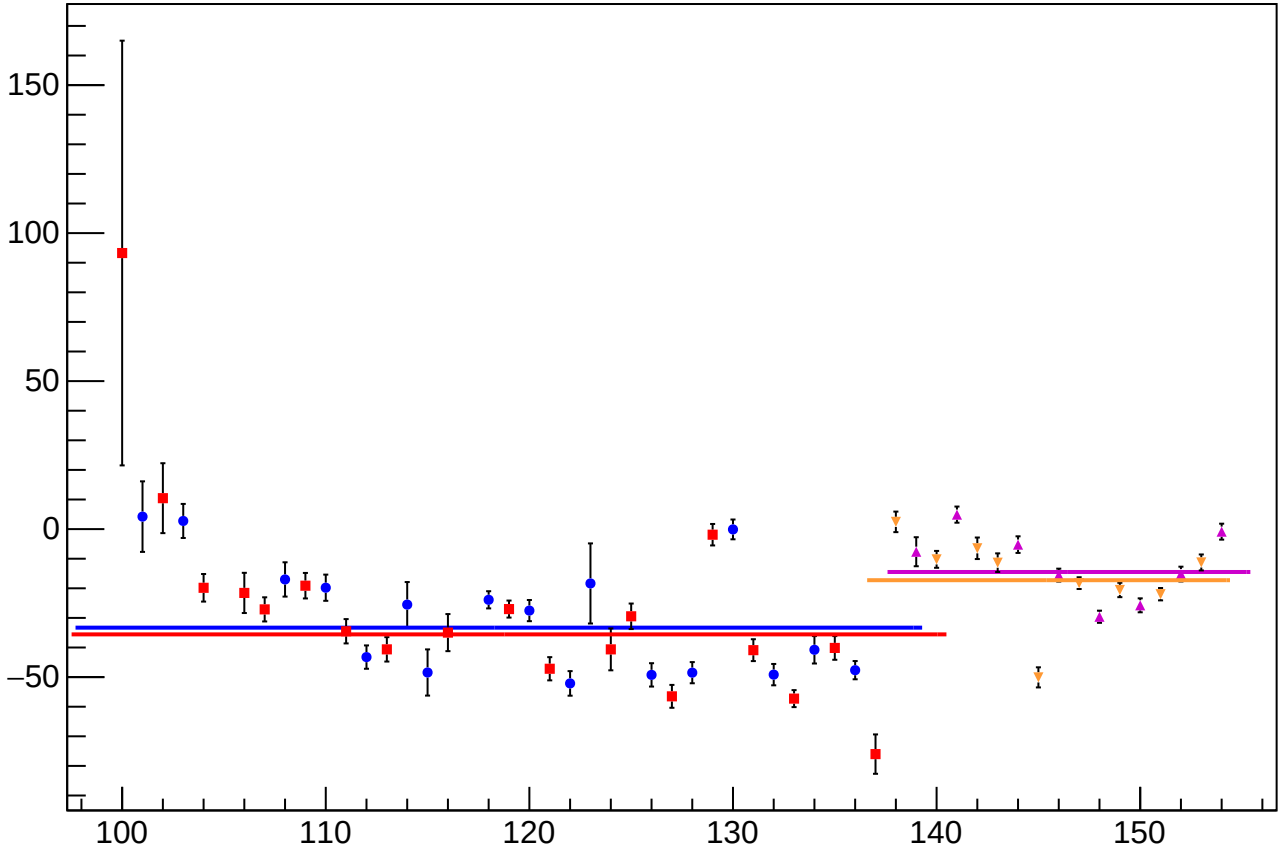
Left In: 2.331+/-1.057 χ^2/NDF:553.7/7

+ sign 19.911+/-0.904 χ^2/NDF: 1460.6/25

All: 17.408+/-0.632 χ^2/NDF: 3040.0/52

- sign 15.027+/-0.882 χ^2/NDF: 1564.4/26

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -17.260+/-0.891 χ^2/NDF:156.2/8

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

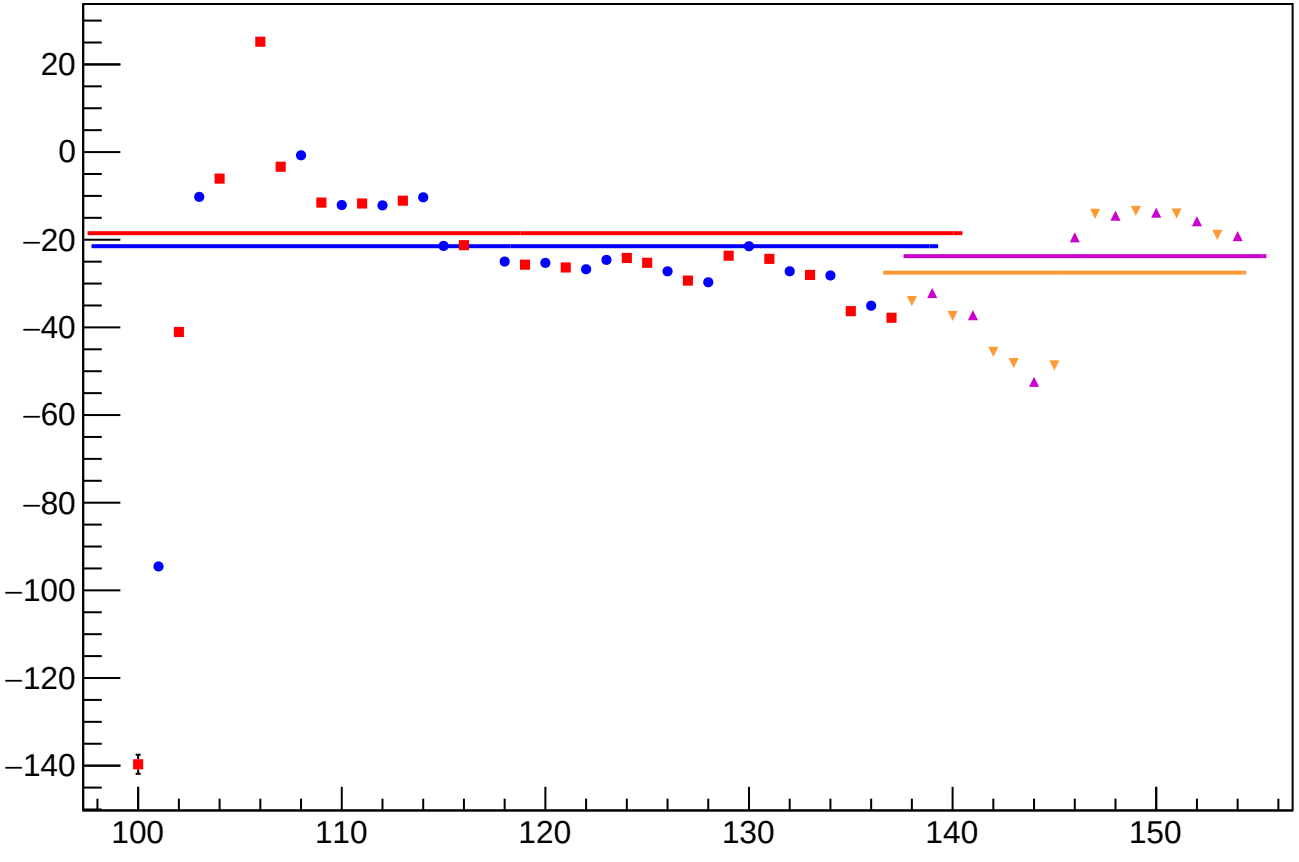
Left In: -14.486+/-0.902 χ^2/NDF:166.2/7

+ sign -24.101+/-0.675 χ^2/NDF: 583.4/25

All: -24.063+/-0.475 χ^2/NDF: 1284.2/52

- sign -24.026+/-0.668 χ^2/NDF: 700.7/26

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -27.506+/-0.045 χ^2/NDF:96597.1/8

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

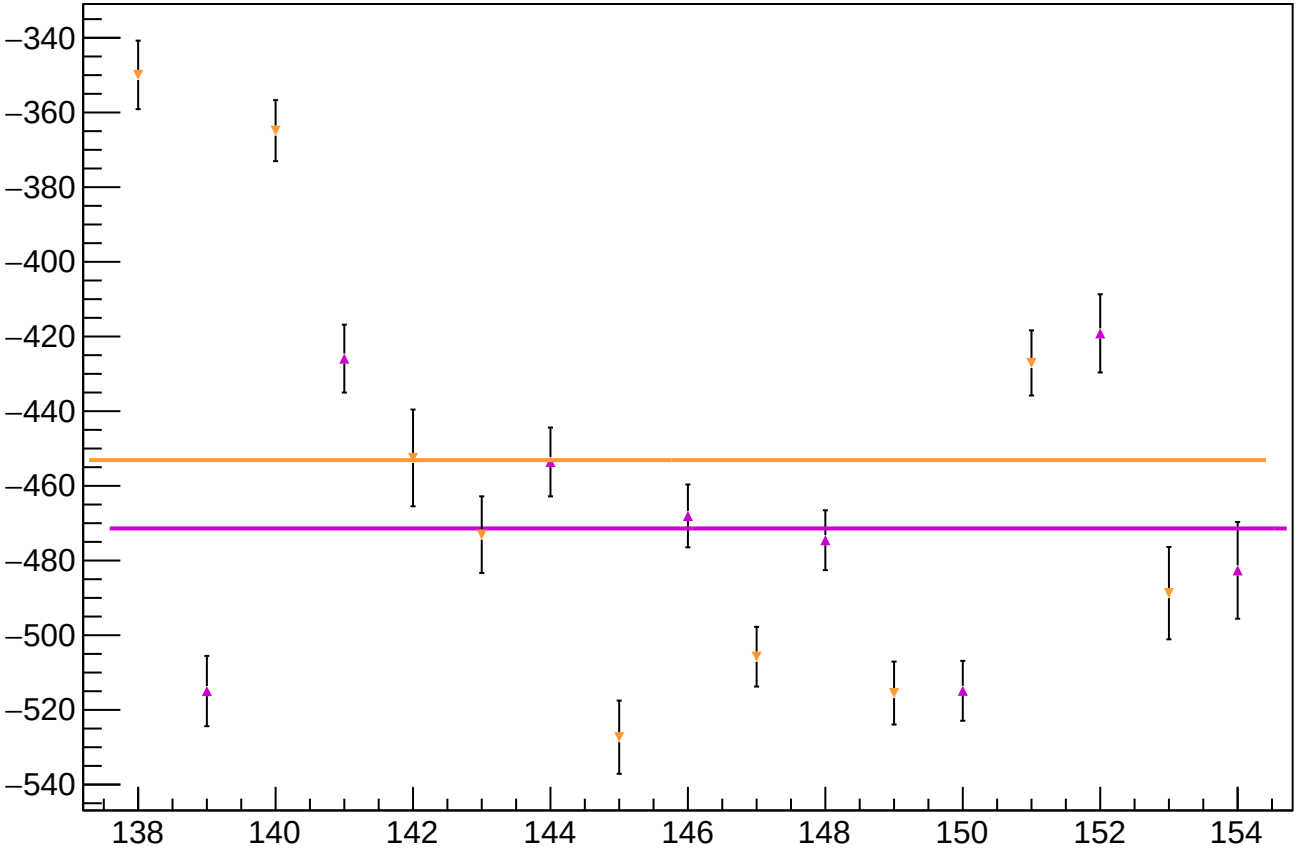
Left In: -23.749+/-0.043 χ^2/NDF:71066.3/7

+ sign -25.304+/-0.035 χ^2/NDF: 152311.3/25

All: -23.532+/-0.025 χ^2/NDF: 314317.0/52

- sign -21.878+/-0.034 χ^2/NDF: 157175.6/26

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -453.113+/-3.129 χ^2/NDF:419.6/8

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

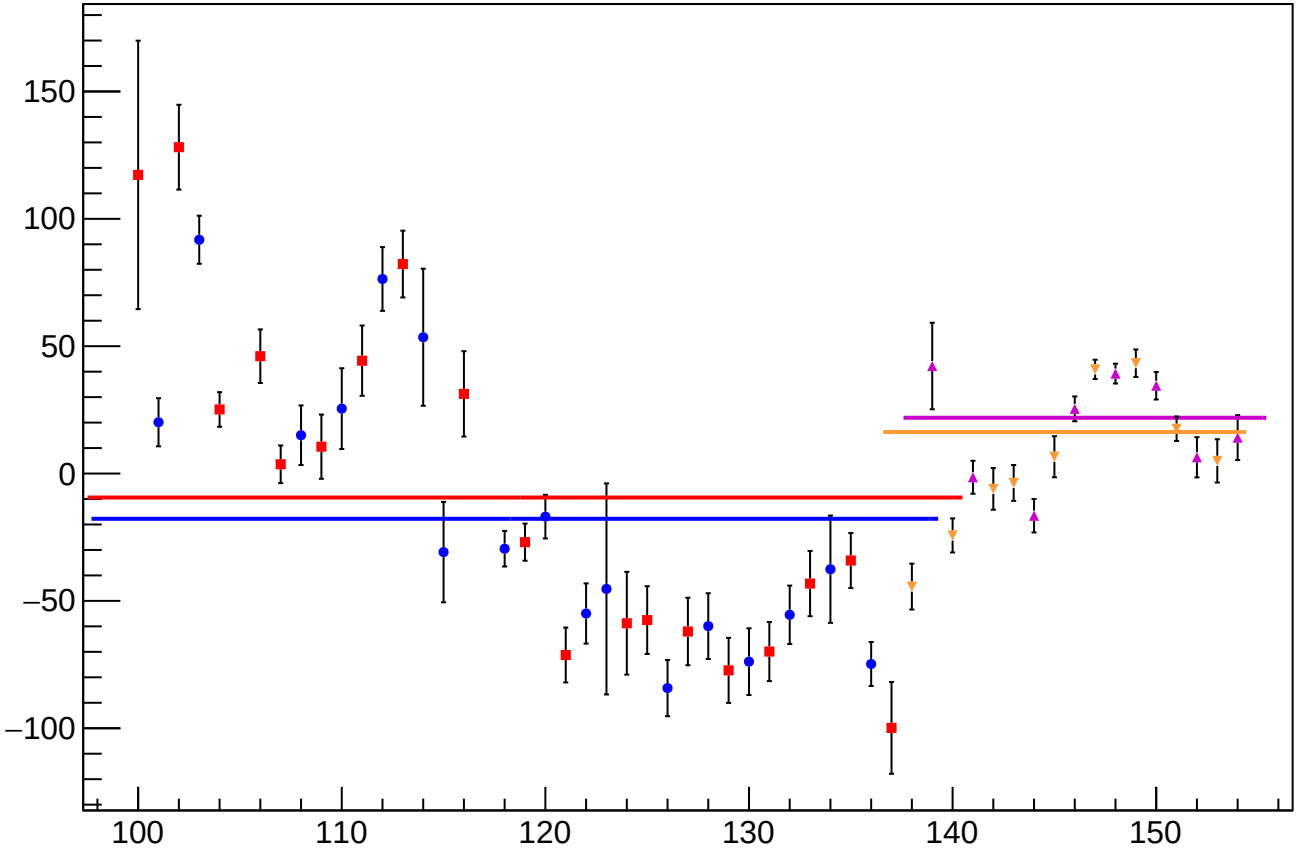
Left In: -471.410+/-3.236 χ^2/NDF:105.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -461.953+/-2.250 χ^2/NDF: 541.6/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: 16.299+/-2.015 χ^2/NDF:168.3/8

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

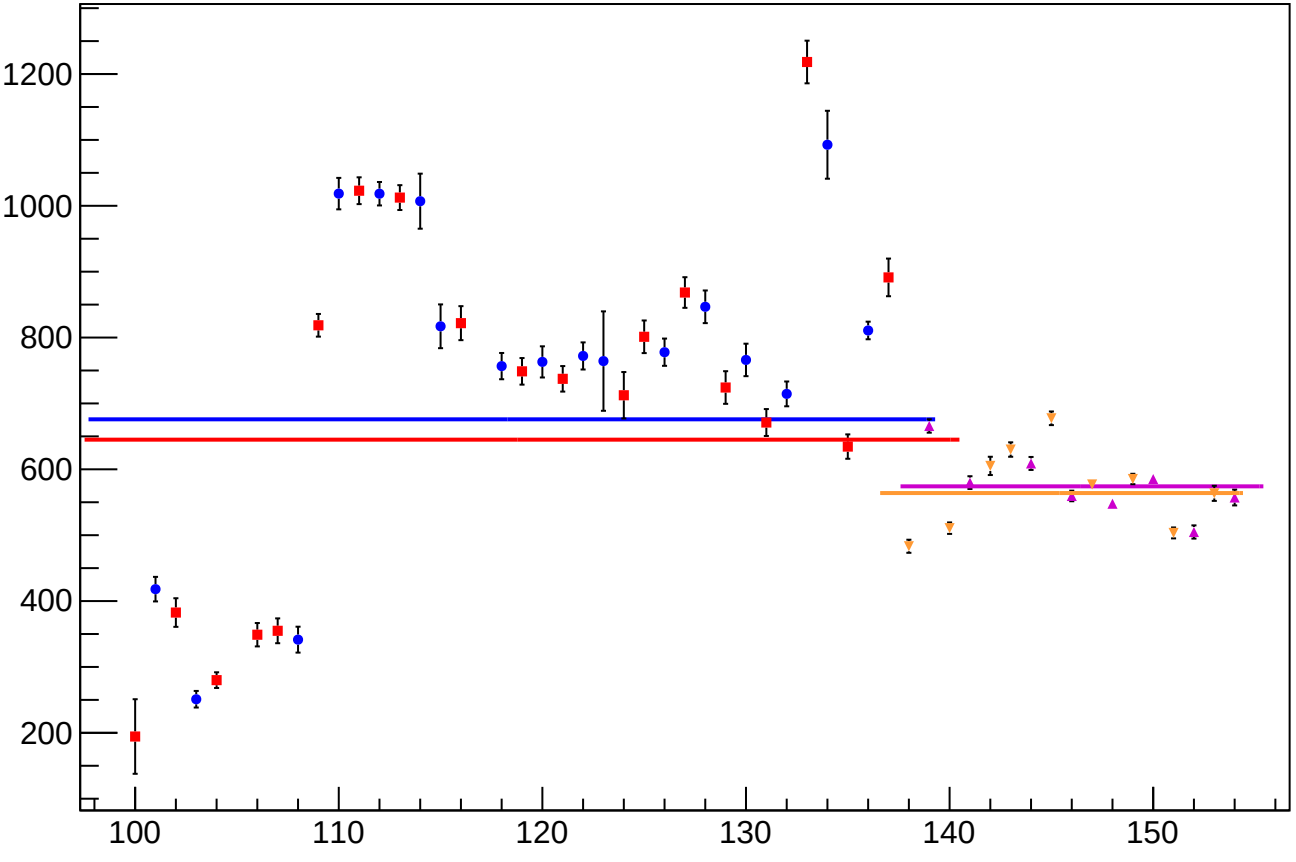
Left In: 21.894+/-2.123 χ^2/NDF:79.2/7

+ sign 4.571+/-1.632 χ^2/NDF: 630.5/25

All: 6.985+/-1.160 χ^2/NDF: 1170.2/52

- sign 9.446+/-1.648 χ^2/NDF: 535.3/26

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 563.976+/-3.126 χ^2/NDF:332.6/8

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

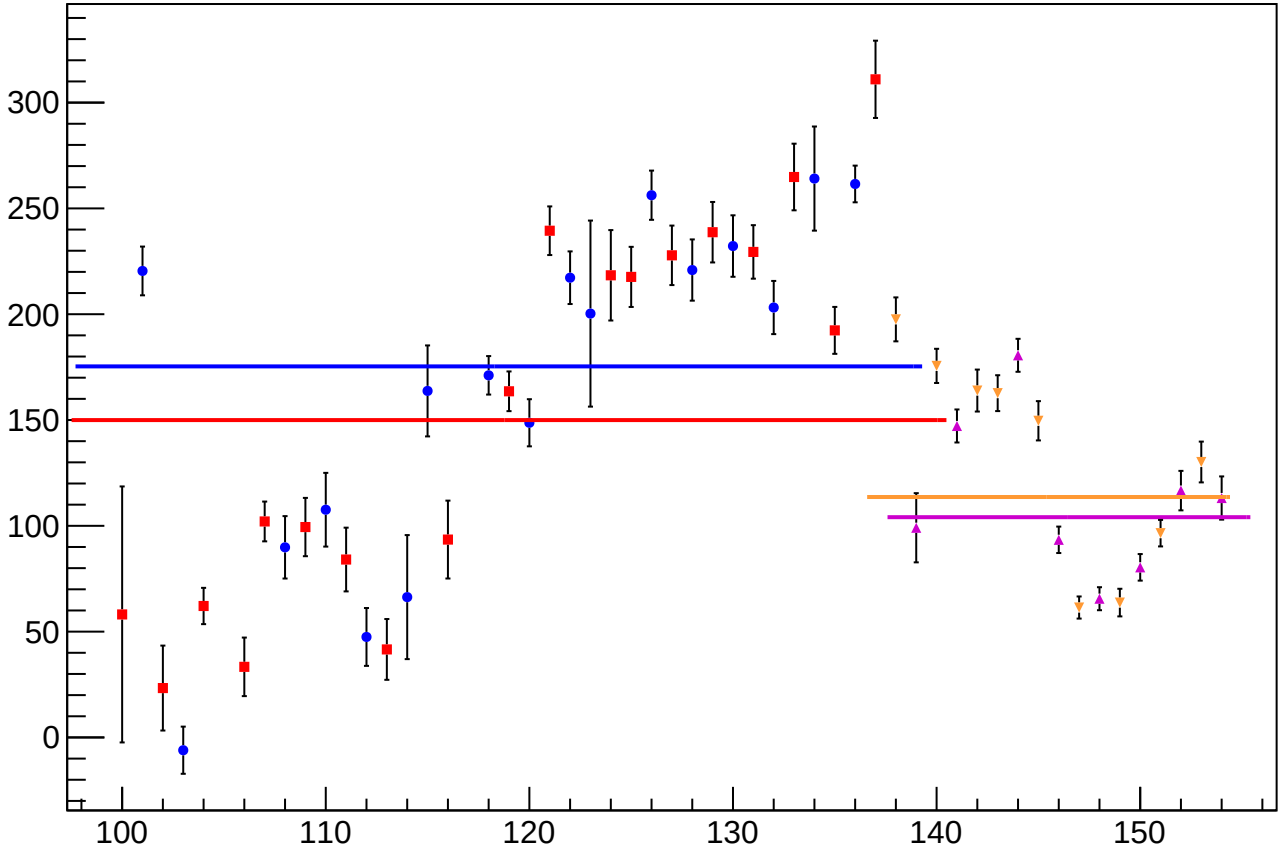
Left In: 574.149+/-3.187 χ^2/NDF:161.3/7

+ sign 595.088+/-2.656 χ^2/NDF: 3275.3/25

All: 595.586+/-1.875 χ^2/NDF: 6712.9/52

- sign 596.081+/-2.649 χ^2/NDF: 3437.5/26

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 113.613+/-2.526 χ^2/NDF:367.3/8

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

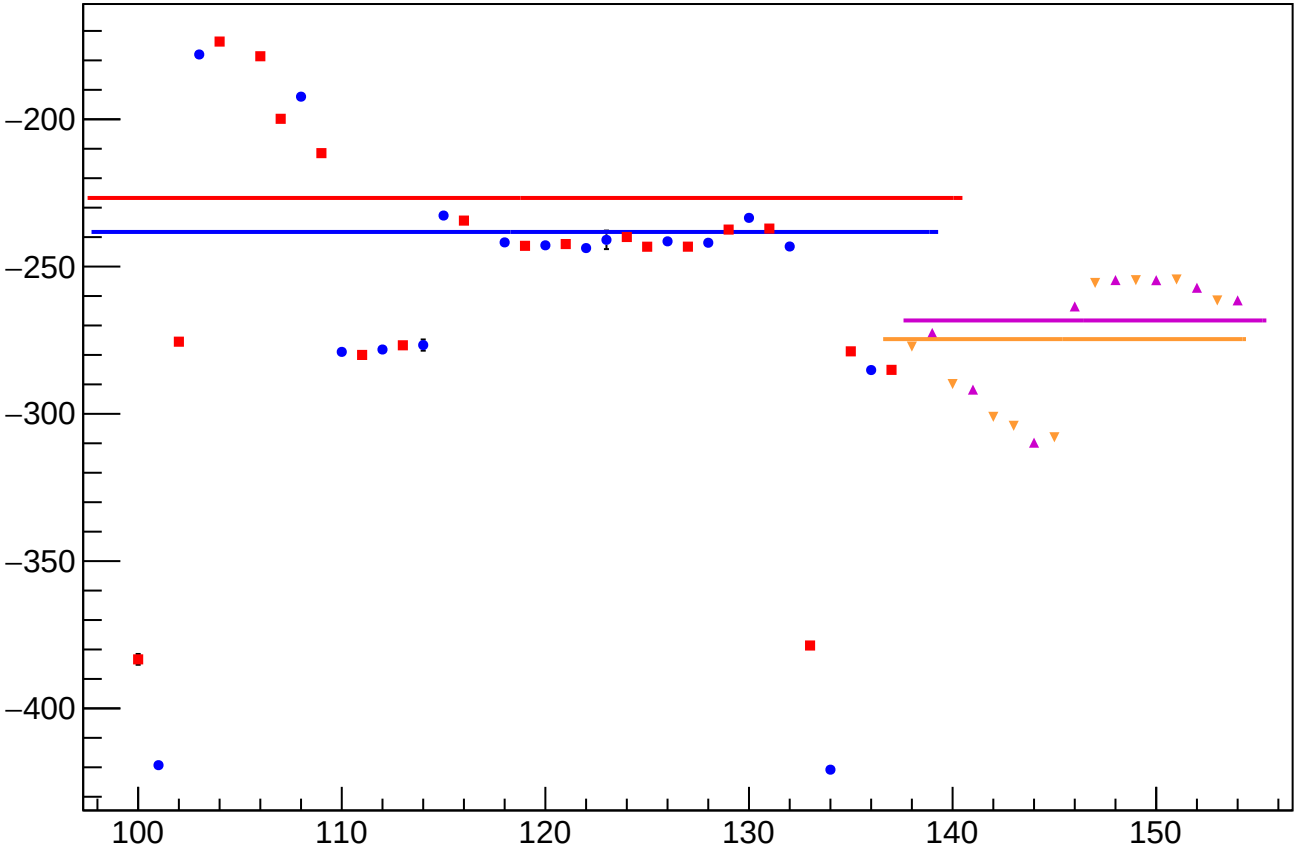
Left In: 104.086+/-2.648 χ^2/NDF:197.1/7

+ sign 137.290+/-1.984 χ^2/NDF: 1234.7/25

All: 130.615+/-1.408 χ^2/NDF: 2277.0/52

- sign 123.842+/-1.998 χ^2/NDF: 1019.5/26

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -274.631+/-0.131 χ^2/NDF:25557.5/8

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

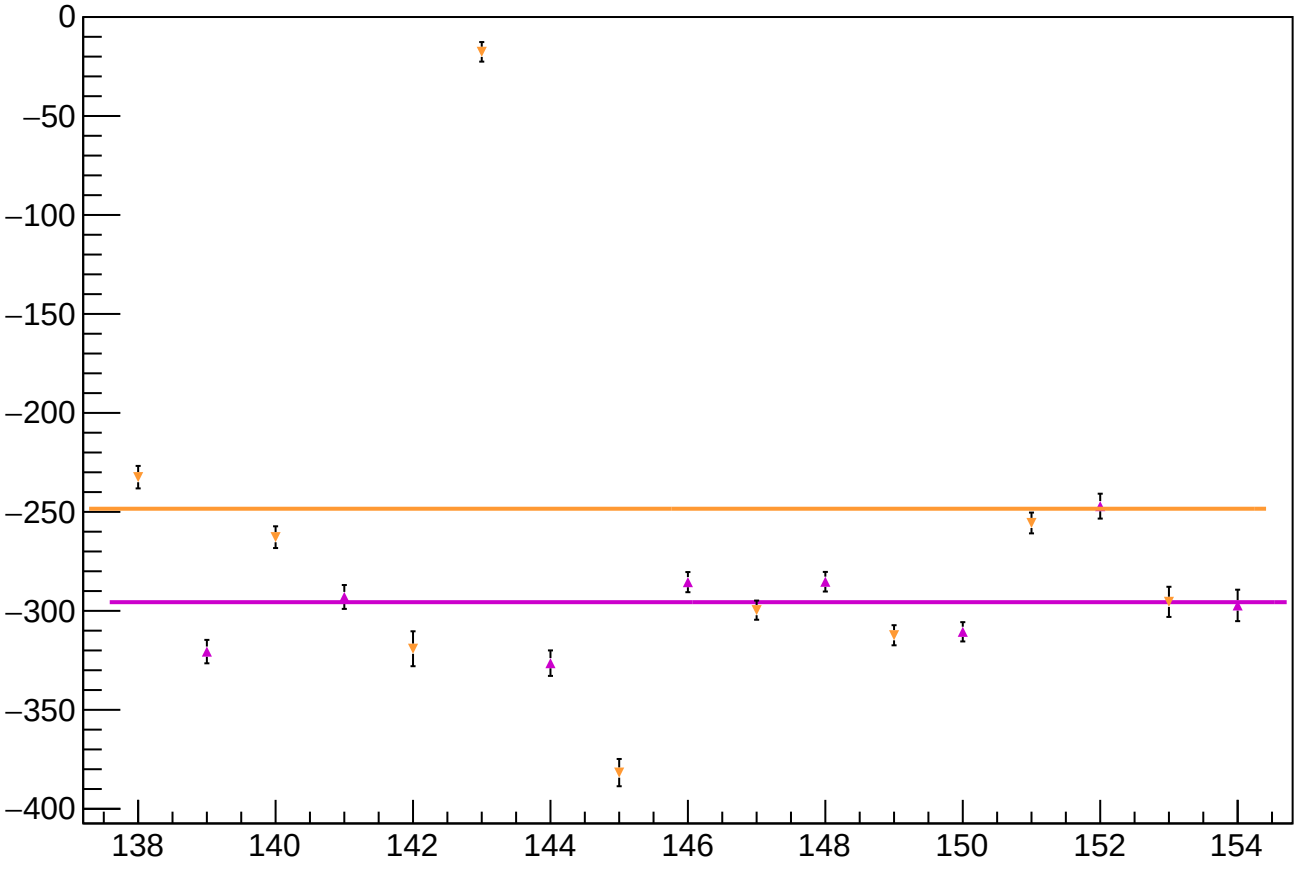
Left In: -268.297+/-0.131 χ^2/NDF:17866.0/7

+ sign -259.966+/-0.102 χ^2/NDF: 223579.4/25

All: -255.080+/-0.071 χ^2/NDF: 392016.9/52

- sign -250.432+/-0.099 χ^2/NDF: 163919.3/26

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -248.404+/-1.911 χ^2/NDF:2941.0/8

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

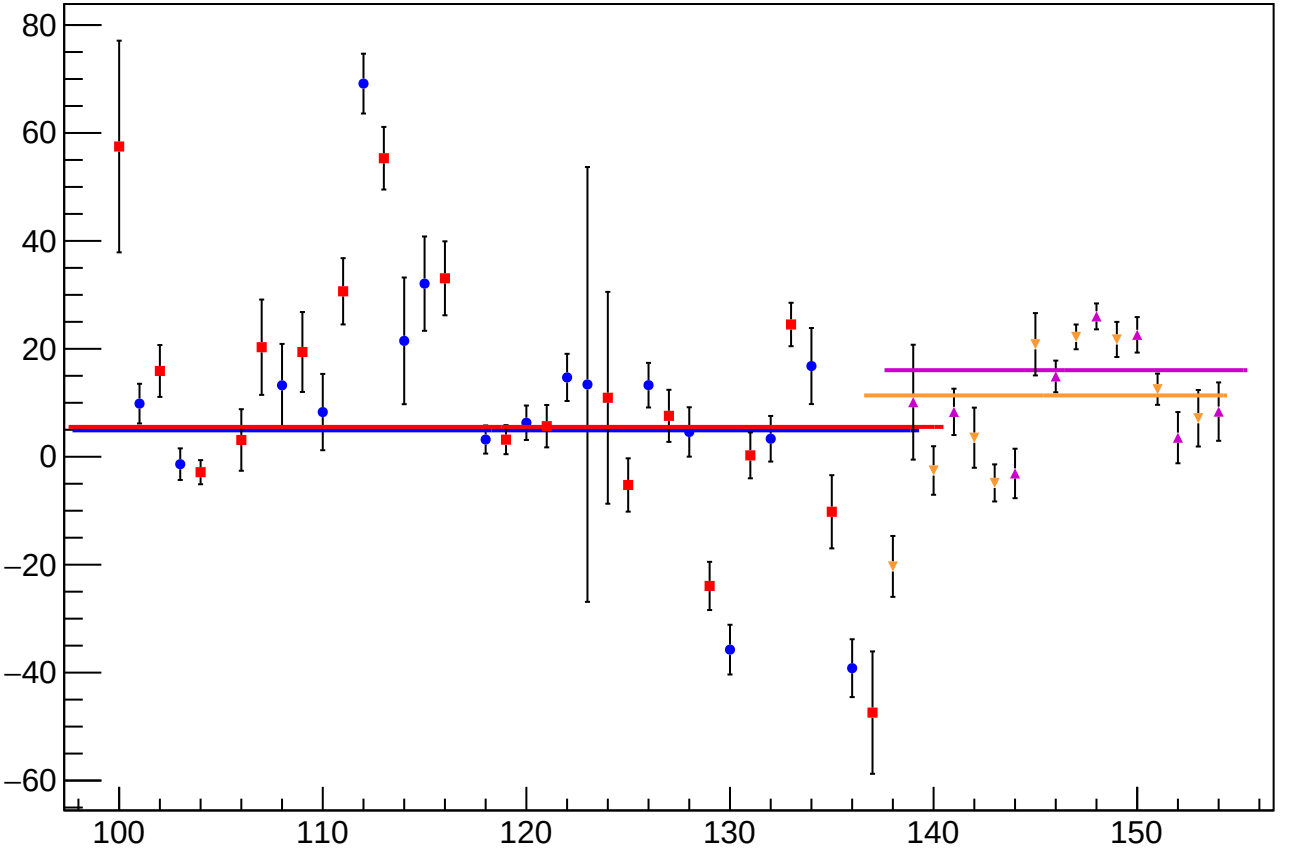
Left In: -295.612+/-2.029 χ^2/NDF:118.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -270.595+/-1.391 χ^2/NDF: 3346.0/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896+/-1.089 χ^2/NDF: 312.0/16

Left Out: 11.362+/-1.224 χ^2/NDF:101.3/8

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

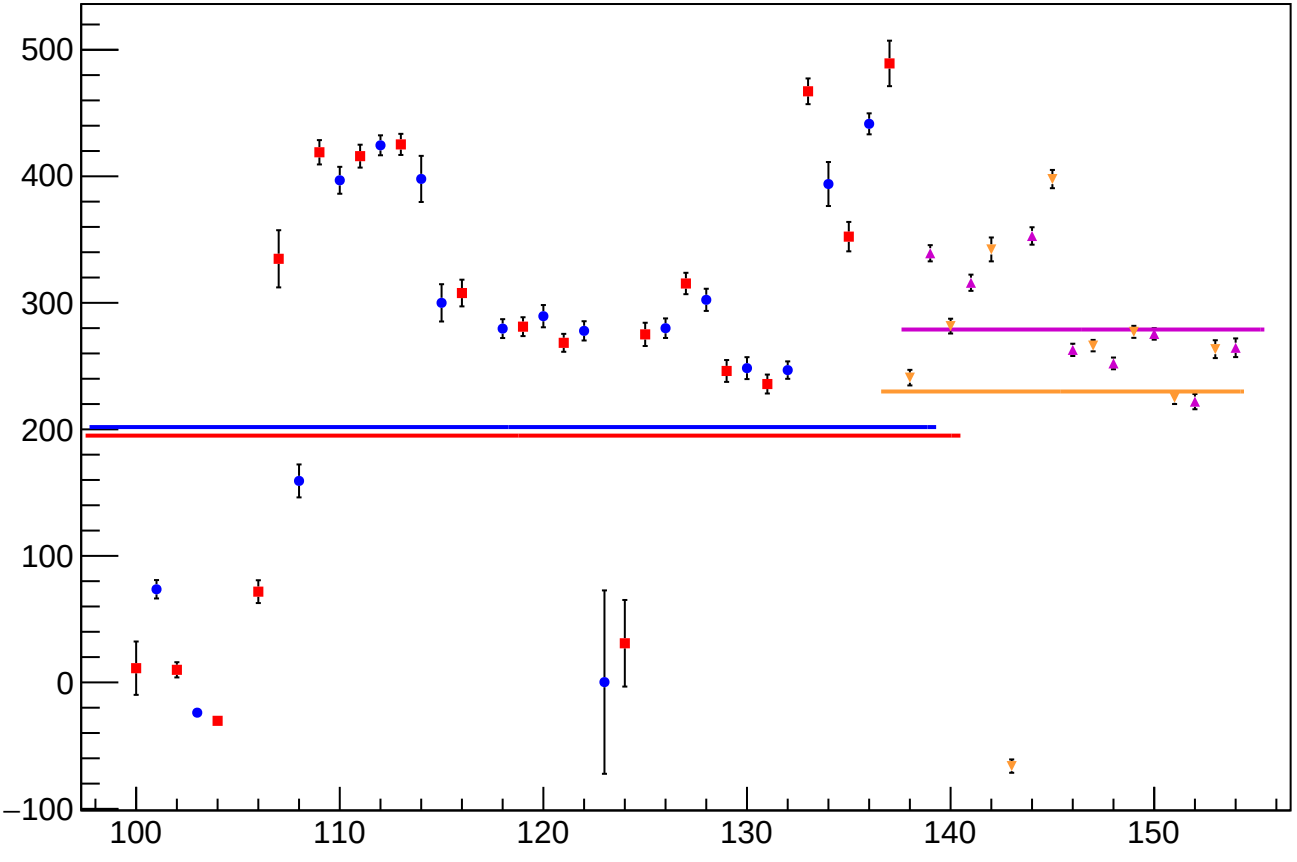
Left In: 16.044+/-1.323 χ^2/NDF:51.3/7

+ sign 7.754+/-0.814 χ^2/NDF: 428.9/25

All: 8.703+/-0.582 χ^2/NDF: 760.2/52

- sign 9.697+/-0.833 χ^2/NDF: 328.6/26

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 229.930+/-1.907 χ^2/NDF:4093.7/8

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

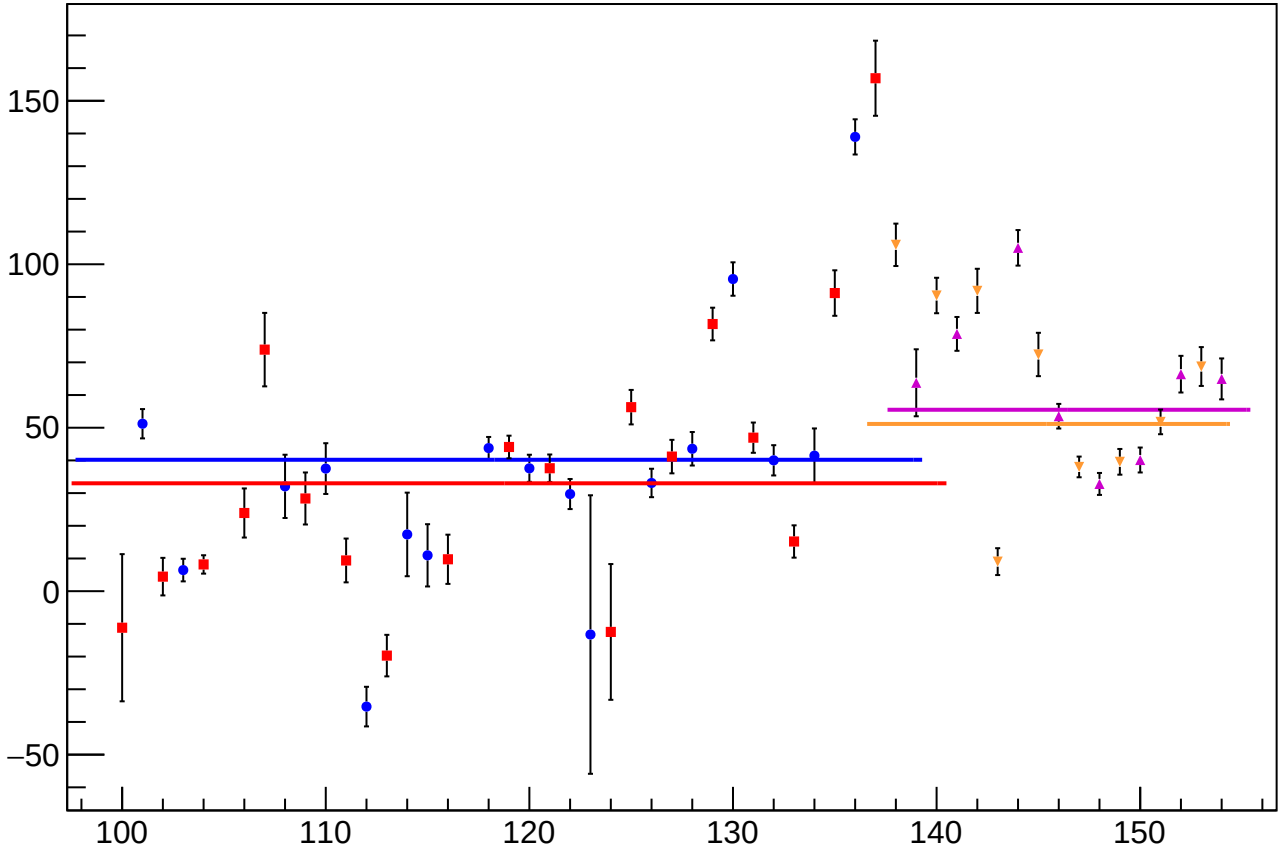
Left In: 278.910+/-1.990 χ^2/NDF:375.2/7

+ sign 216.329+/-1.370 χ^2/NDF: 10953.2/25

All: 225.865+/-0.974 χ^2/NDF: 20600.9/52

- sign 235.583+/-1.383 χ^2/NDF: 9550.0/26

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 51.156+/-1.534 χ^2/NDF:310.3/8

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

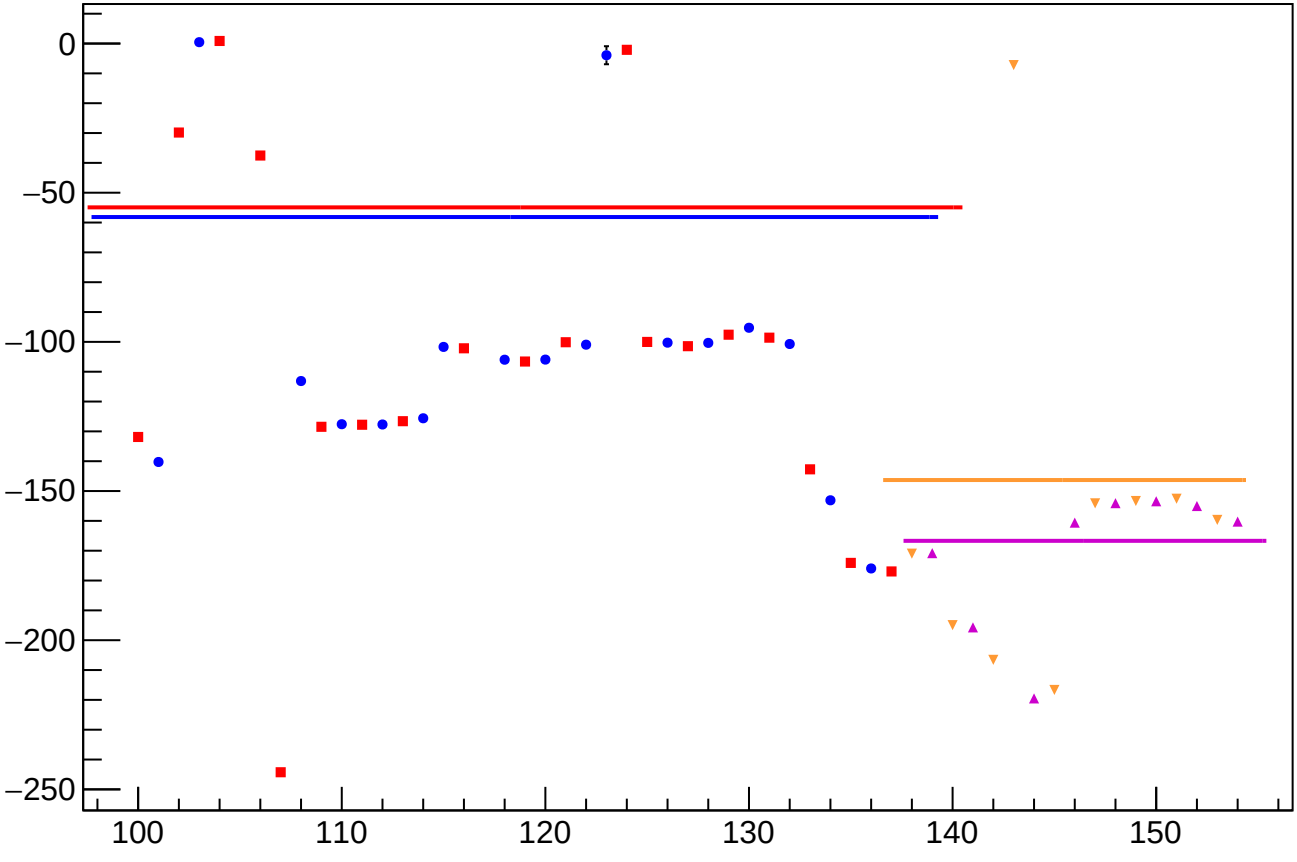
Left In: 55.496+/-1.653 χ^2/NDF:171.9/7

+ sign 44.642+/-0.977 χ^2/NDF: 1075.6/25

All: 42.960+/-0.698 χ^2/NDF: 1925.3/52

- sign 41.204+/-0.998 χ^2/NDF: 843.6/26

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -146.311+/-0.080 χ^2/NDF:572402.2/8

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

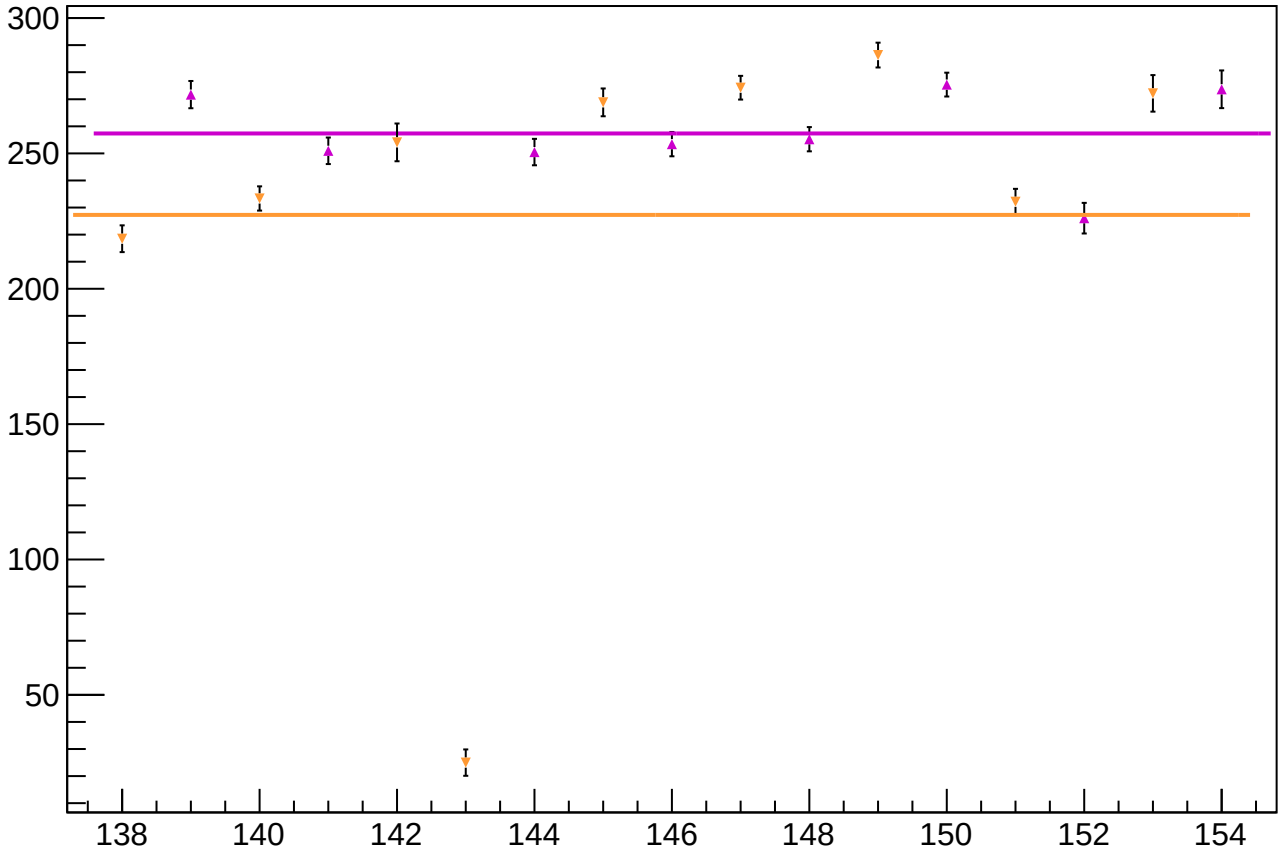
Left In: -166.690+/-0.082 χ^2/NDF:55874.2/7

+ sign -90.925+/-0.049 χ^2/NDF: 2439879.3/25

All: -92.563+/-0.034 χ^2/NDF: 4712159.5/52

- sign -94.181+/-0.049 χ^2/NDF: 2270040.4/26

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 227.283+/-1.673 χ^2/NDF:2137.2/8

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

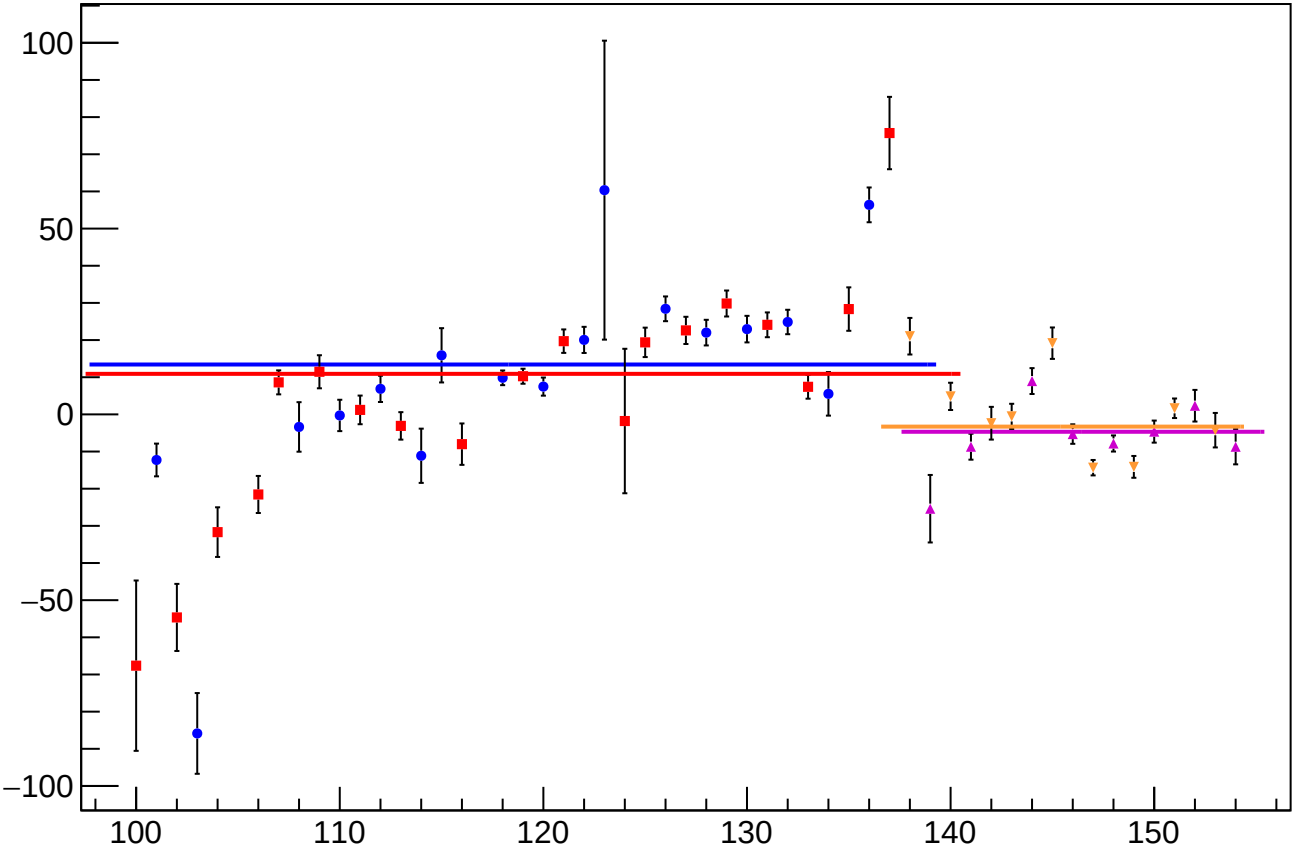
Left In: 257.365+/-1.751 χ^2/NDF:65.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 241.641+/-1.210 χ^2/NDF: 2357.2/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423+/-0.920 χ^2/NDF: 295.2/16

Left Out: -3.292+/-1.085 χ^2/NDF:103.7/8

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

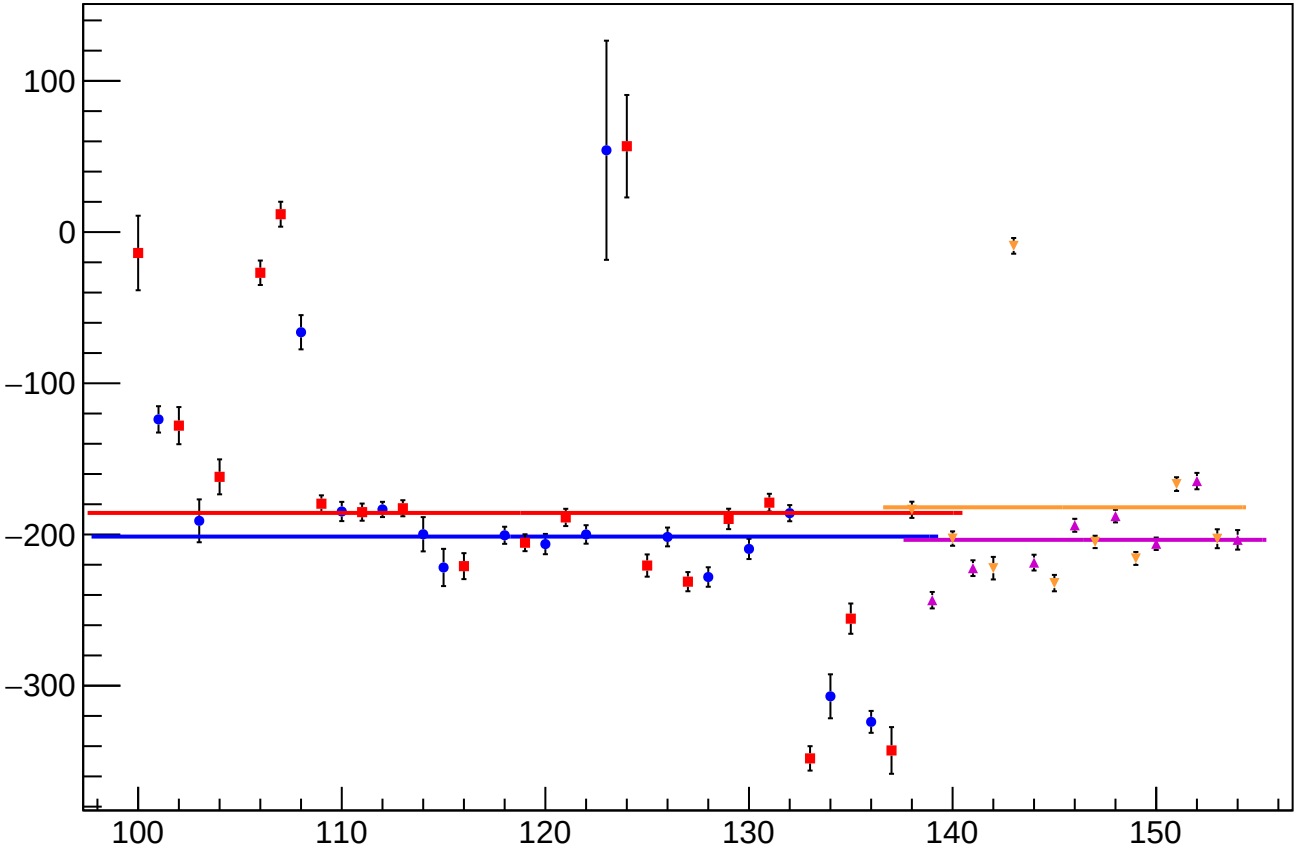
Left In: -4.681+/-1.157 χ^2/NDF:27.5/7

+ sign 6.438+/-0.702 χ^2/NDF: 537.0/25

All: 5.687+/-0.502 χ^2/NDF: 981.1/52

- sign 4.899+/-0.718 χ^2/NDF: 441.7/26

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -182.017+/-1.676 χ^2/NDF:1355.7/8

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

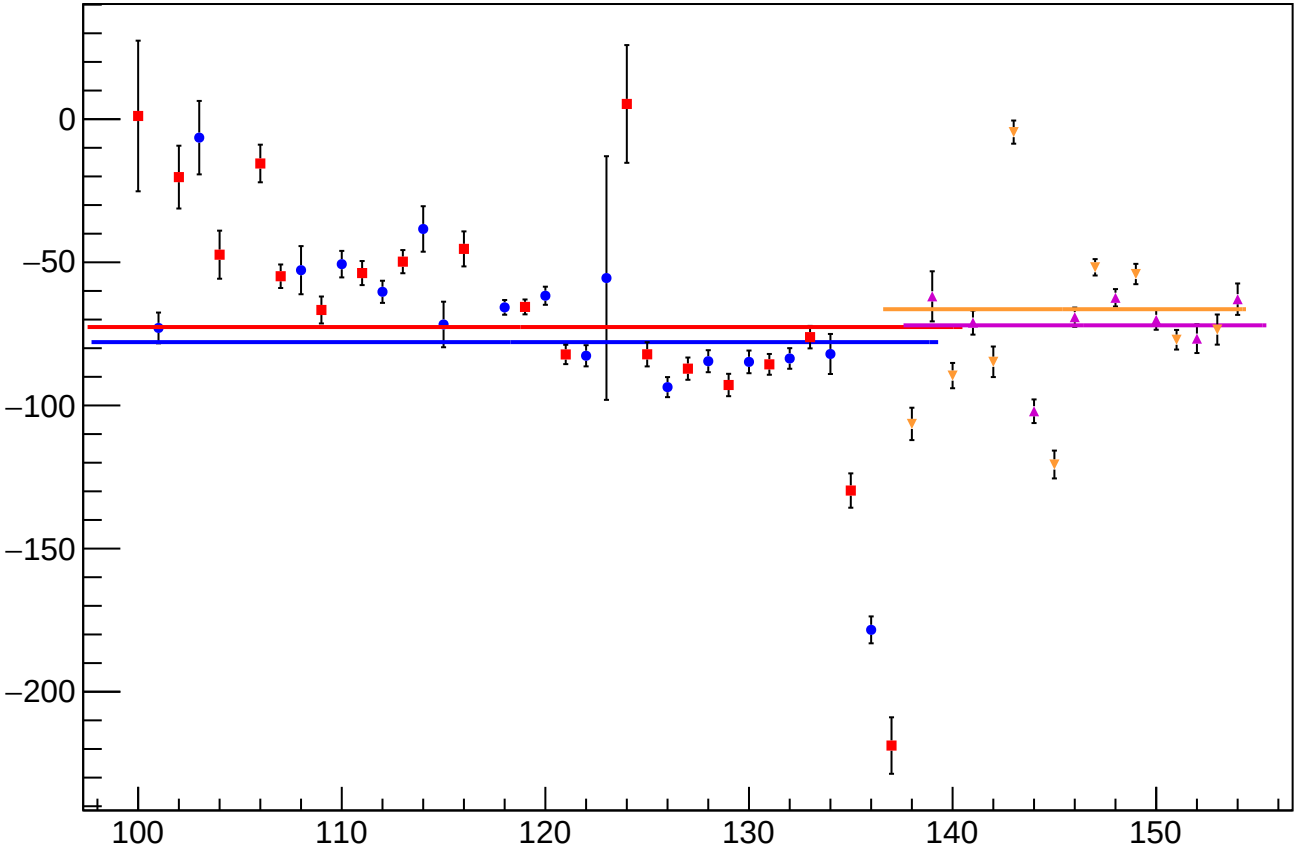
Left In: -203.539+/-1.727 χ^2/NDF:145.9/7

+ sign -191.122+/-1.220 χ^2/NDF: 2041.9/25

All: -192.822+/-0.860 χ^2/NDF: 3994.9/52

- sign -194.498+/-1.212 χ^2/NDF: 1949.1/26

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -66.382+/-1.356 χ^2/NDF:497.5/8

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

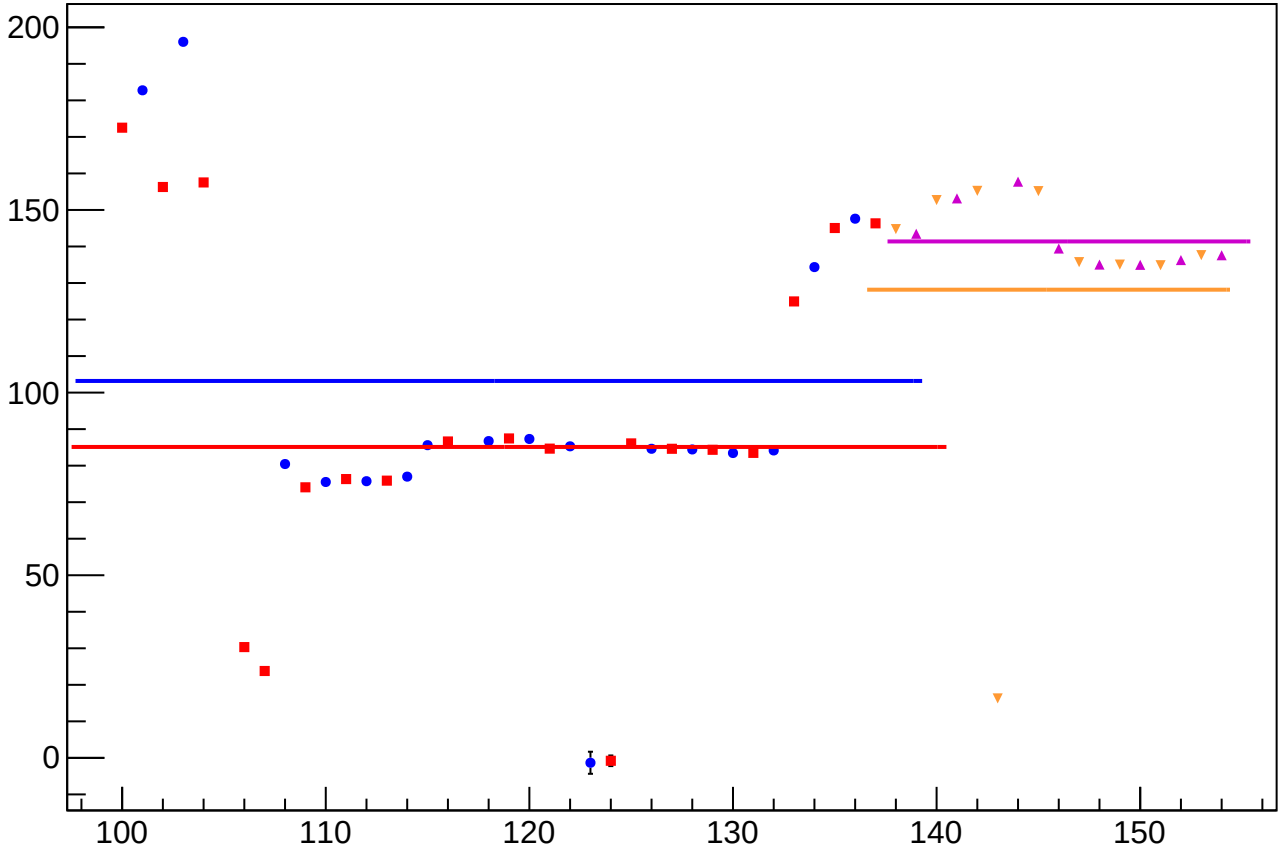
Left In: -72.011+/-1.439 χ^2/NDF:68.9/7

+ sign -73.490+/-0.838 χ^2/NDF: 1200.1/25

All: -72.954+/-0.597 χ^2/NDF: 1876.9/52

- sign -72.402+/-0.850 χ^2/NDF: 675.9/26

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 128.173+/-0.070 χ^2/NDF:339520.9/8

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

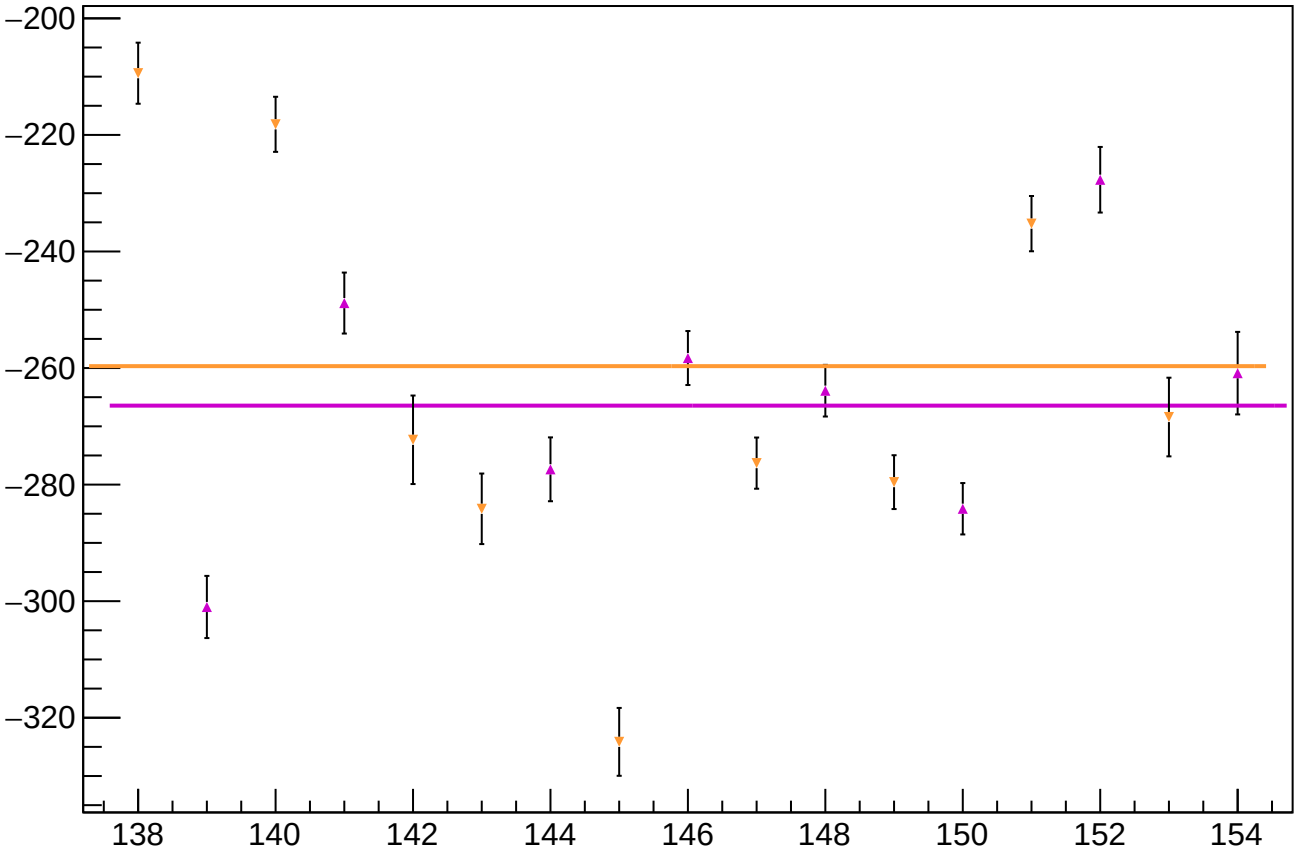
Left In: 141.380+/-0.071 χ^2/NDF:11906.2/7

+ sign 115.703+/-0.050 χ^2/NDF: 676316.8/25

All: 112.835+/-0.034 χ^2/NDF: 1465856.0/52

- sign 110.222+/-0.047 χ^2/NDF: 783172.5/26

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -259.674+/-1.766 χ^2/NDF:372.0/8

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

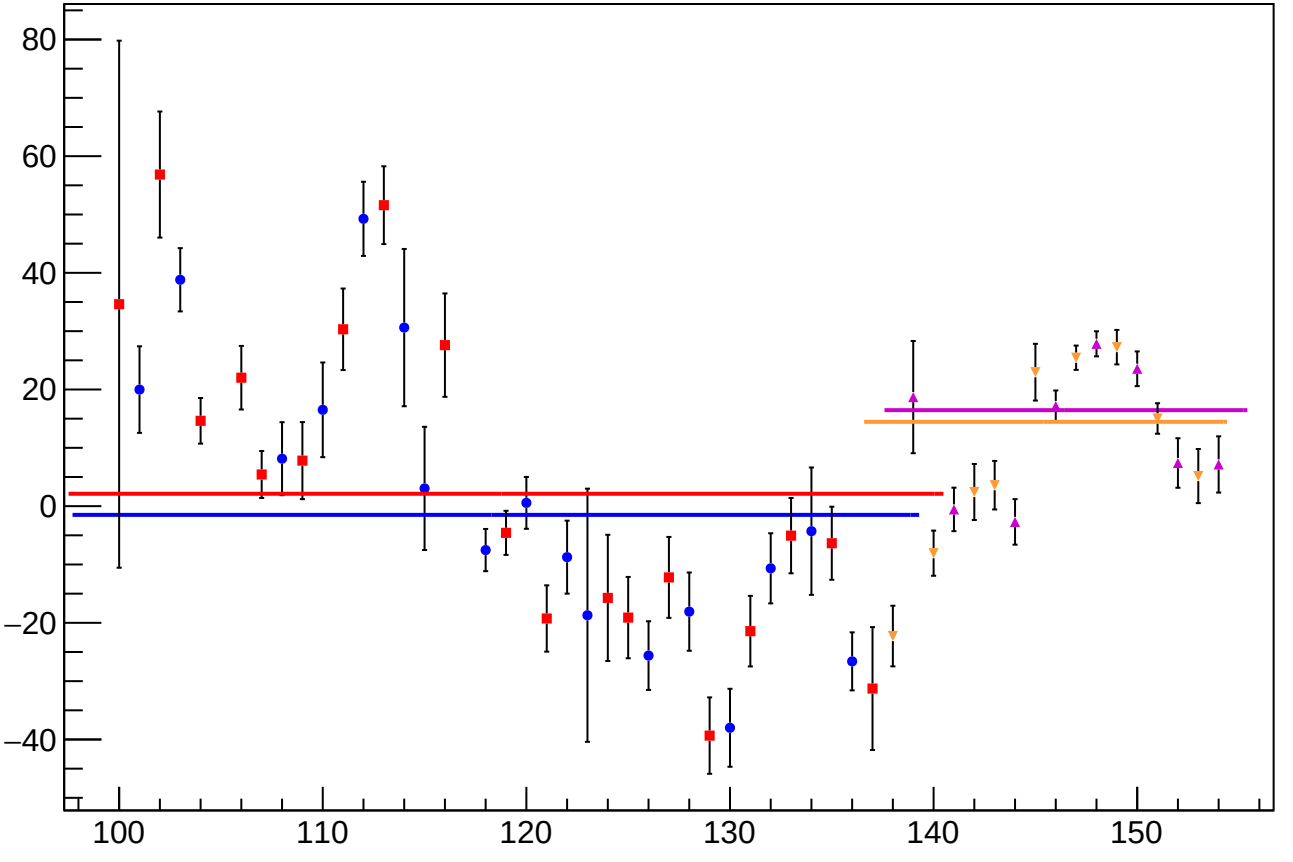
Left In: -266.448+/-1.809 χ^2/NDF:124.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -262.980+/-1.264 χ^2/NDF: 504.0/16

- 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: 14.460+/-1.129 χ^2/NDF:150.7/8

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

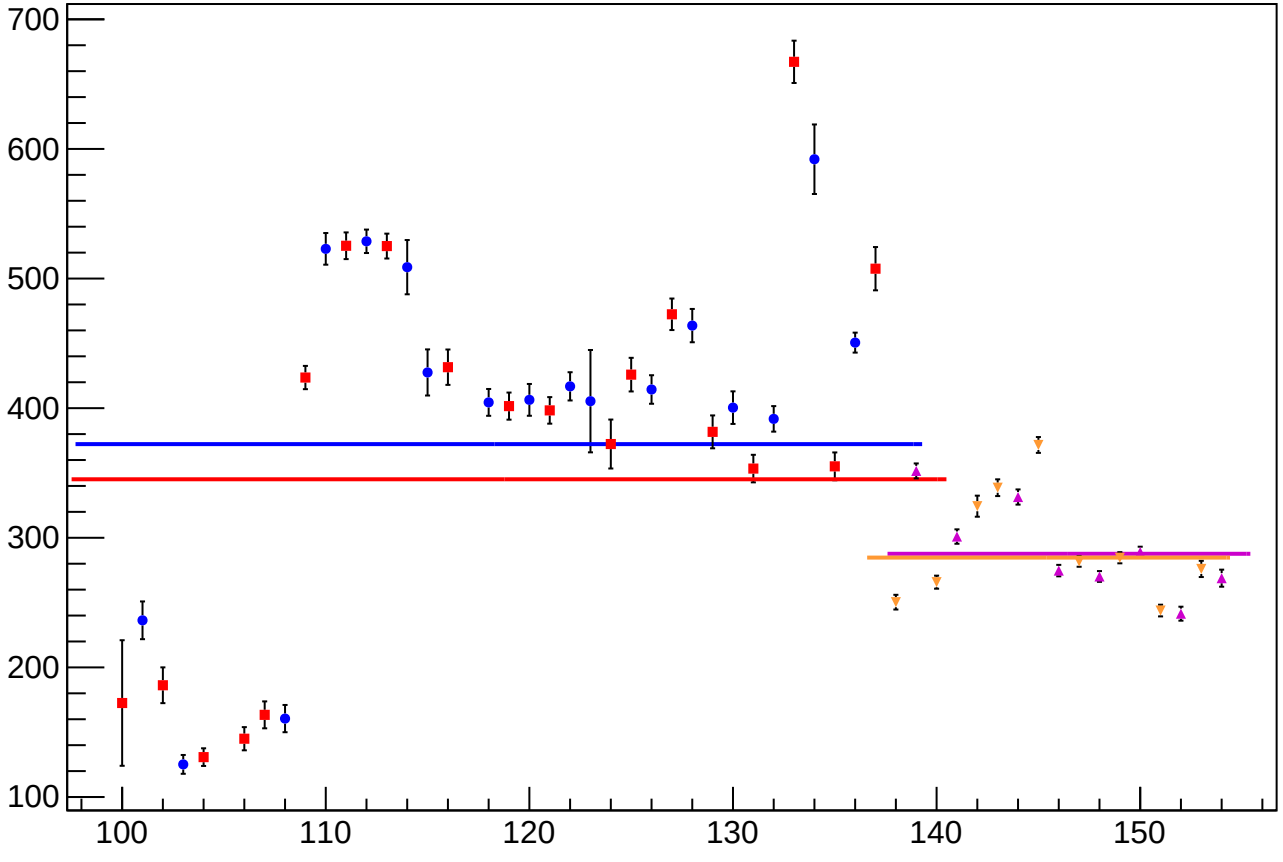
Left In: 16.456+/-1.182 χ^2/NDF:87.0/7

+ sign 8.759+/-0.905 χ^2/NDF: 448.2/25

All: 9.633+/-0.639 χ^2/NDF: 830.7/52

- sign 10.504+/-0.904 χ^2/NDF: 380.7/26

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 284.718+/-1.757 χ^2/NDF:431.0/8

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

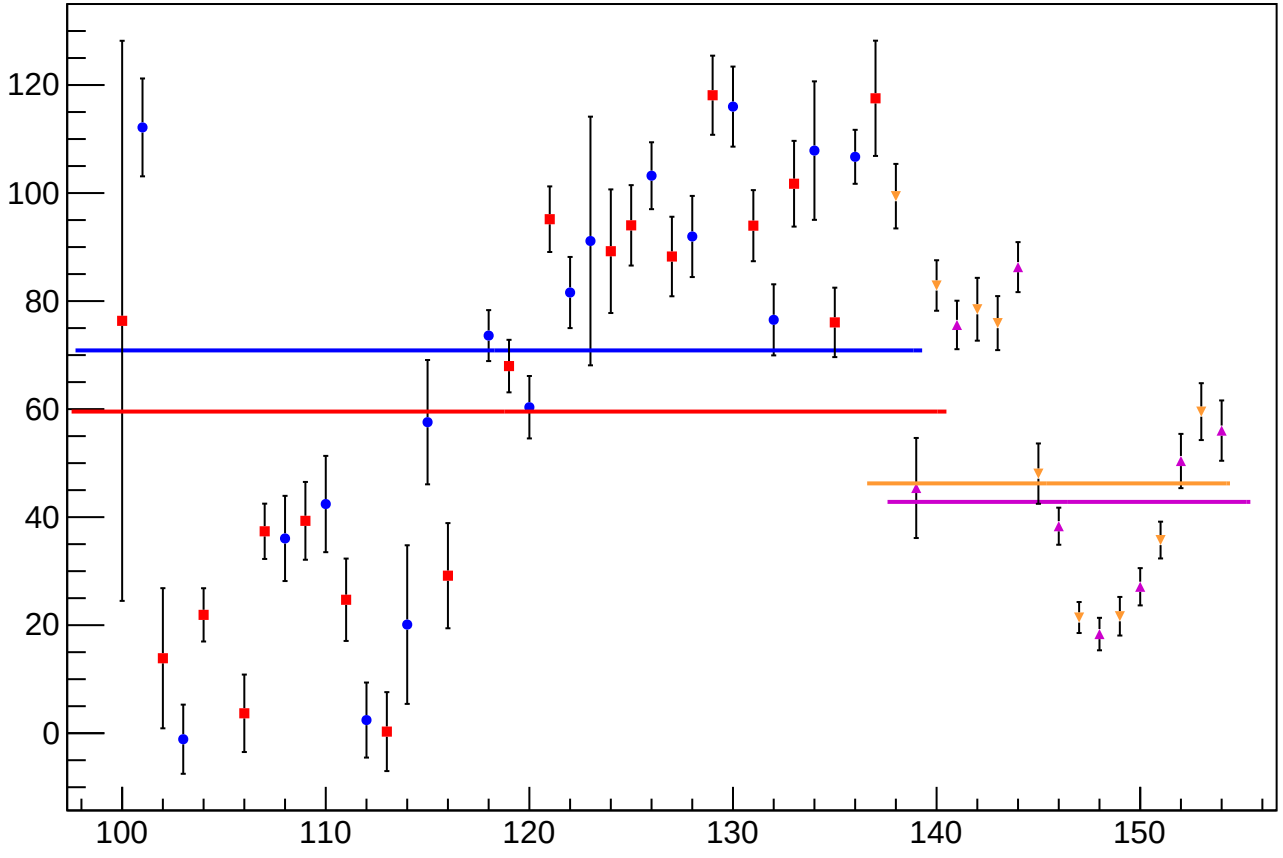
Left In: 287.658+/-1.777 χ^2/NDF:292.2/7

+ sign 309.967+/-1.482 χ^2/NDF: 3580.3/25

All: 308.118+/-1.040 χ^2/NDF: 7631.9/52

- sign 306.322+/-1.460 χ^2/NDF: 4048.5/26

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 46.248+/-1.418 χ^2/NDF:344.8/8

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

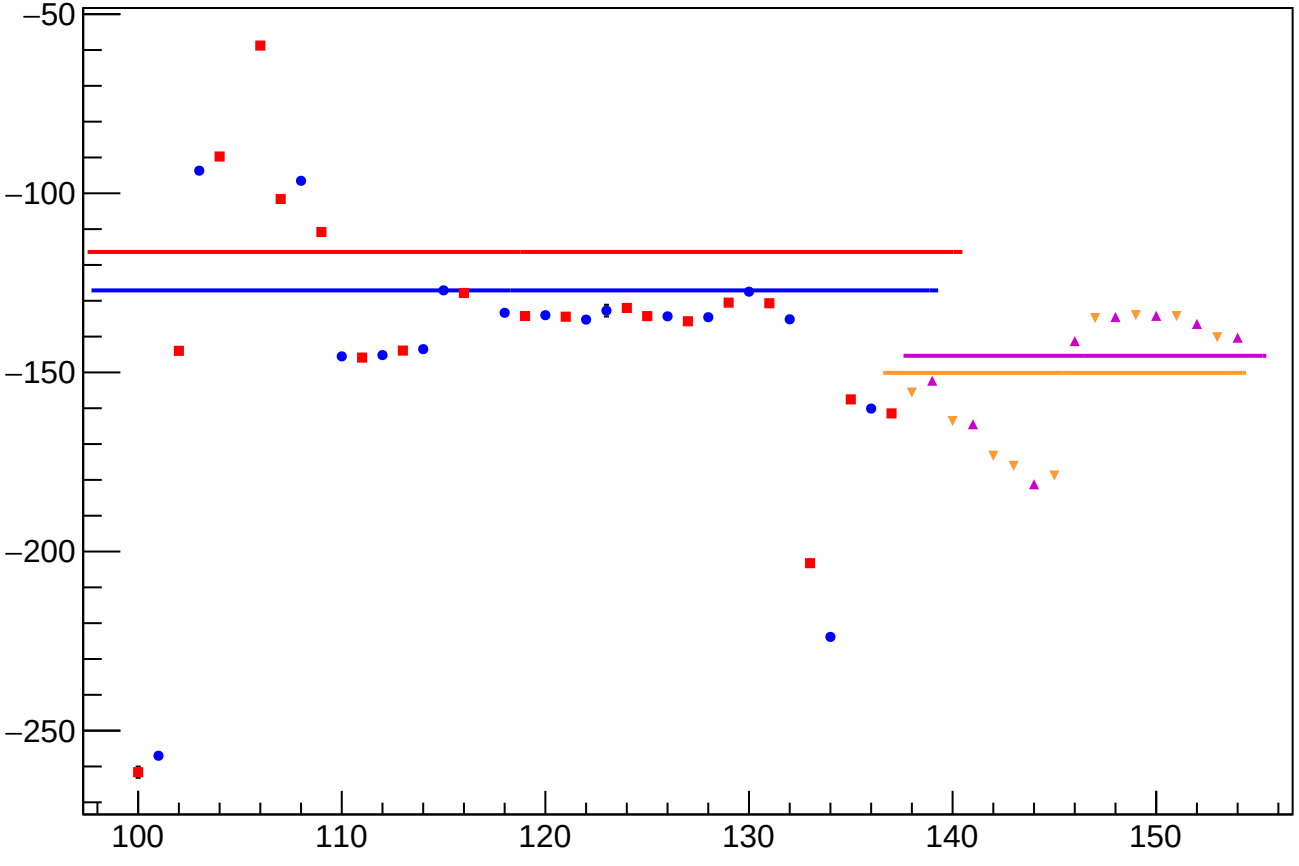
Left In: 42.823+/-1.476 χ^2/NDF:238.0/7

+ sign 56.053+/-1.100 χ^2/NDF: 891.9/25

All: 53.183+/-0.776 χ^2/NDF: 1692.1/52

- sign 50.340+/-1.095 χ^2/NDF: 786.6/26

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -150.127+/-0.074 χ^2/NDF:55629.6/8

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

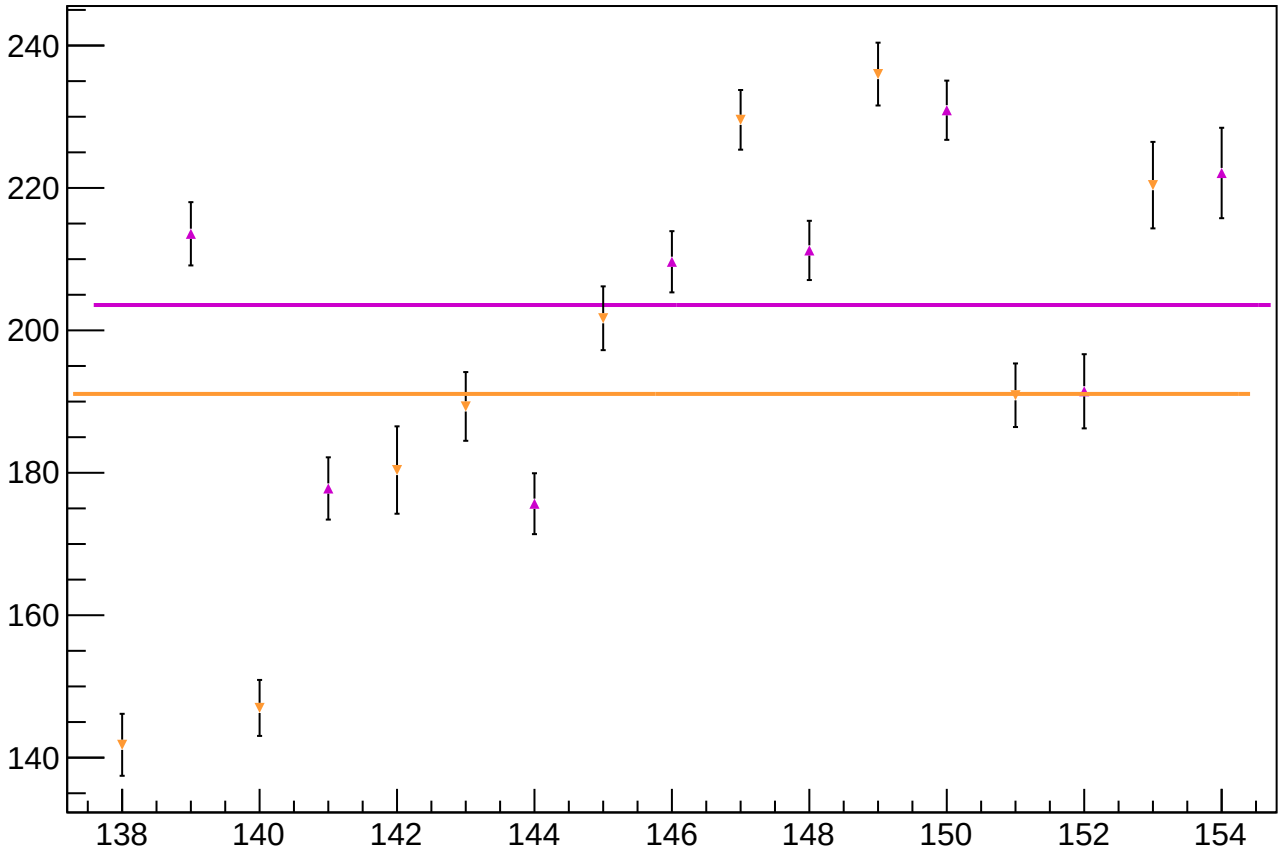
Left In: -145.357+/-0.073 χ^2/NDF:38278.8/7

+ sign -140.777+/-0.057 χ^2/NDF: 262050.7/25

All: -136.574+/-0.040 χ^2/NDF: 547177.3/52

- sign -132.684+/-0.055 χ^2/NDF: 274653.5/26

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 191.077+/-1.538 χ^2/NDF:474.2/8

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

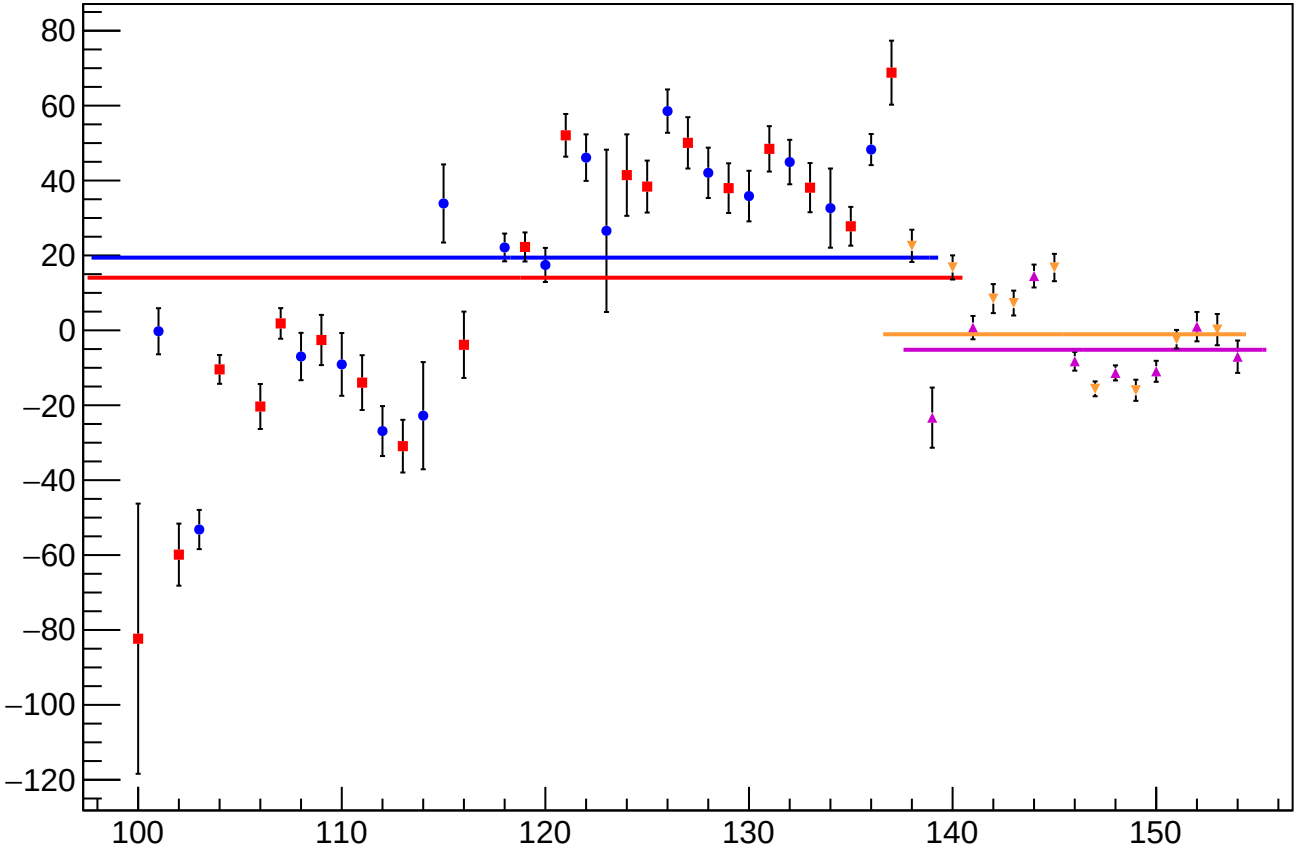
Left In: 203.563+/-1.603 χ^2/NDF:145.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 197.063+/-1.110 χ^2/NDF: 650.8/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416+/-1.480 χ^2/NDF: 441.1/16

Left Out: -1.046+/-1.009 χ^2/NDF:179.1/8

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

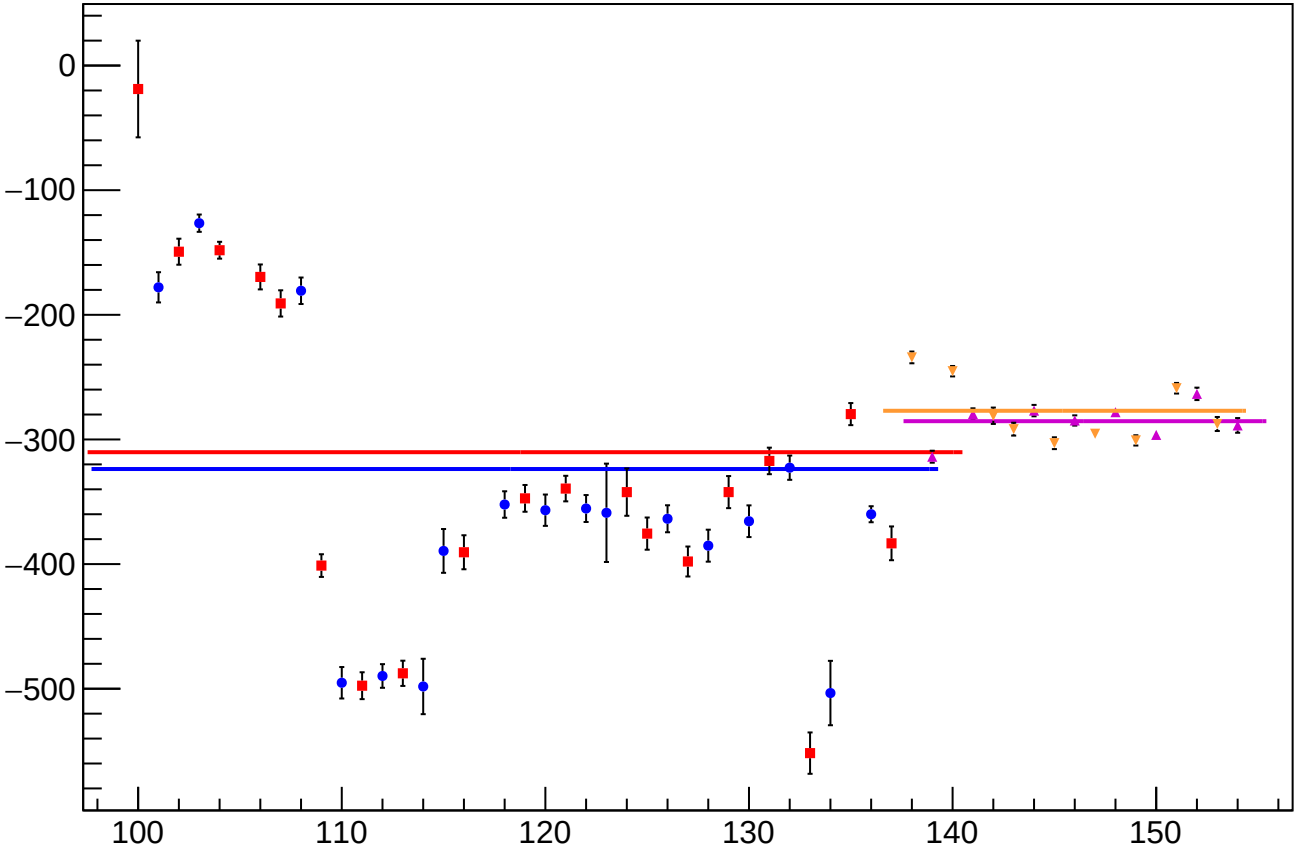
Left In: -5.186+/-1.068 χ^2/NDF:68.0/7

+ sign 5.450+/-0.834 χ^2/NDF: 750.7/25

All: 3.726+/-0.594 χ^2/NDF: 1384.2/52

- sign 1.944+/-0.847 χ^2/NDF: 624.8/26

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -276.992+/-1.547 χ^2/NDF:255.5/8

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

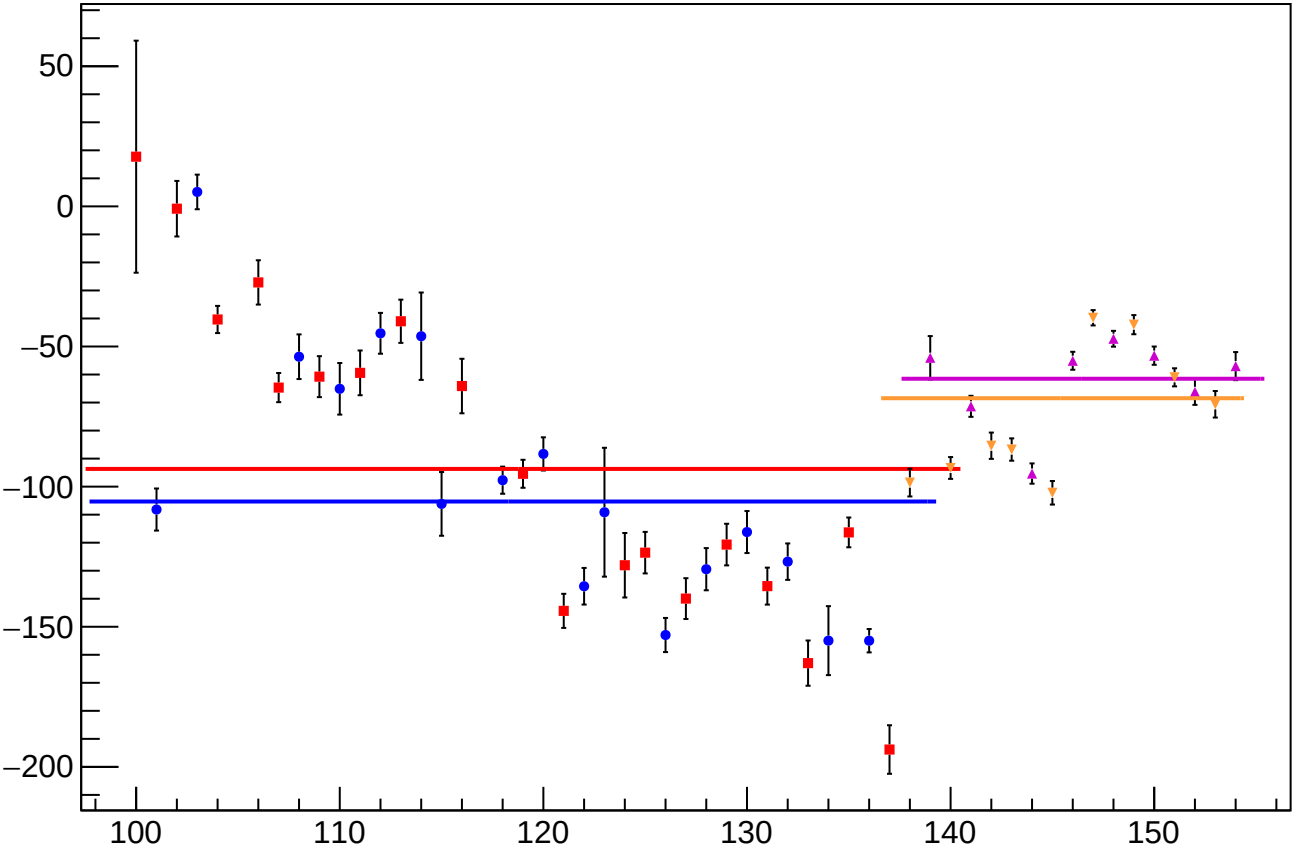
Left In: -285.337+/-1.586 χ^2/NDF:71.2/7

+ sign -288.744+/-1.338 χ^2/NDF: 2335.9/25

All: -290.559+/-0.948 χ^2/NDF: 4780.4/52

- sign -292.388+/-1.343 χ^2/NDF: 2440.9/26

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -68.451+/-1.258 χ^2/NDF:351.1/8

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

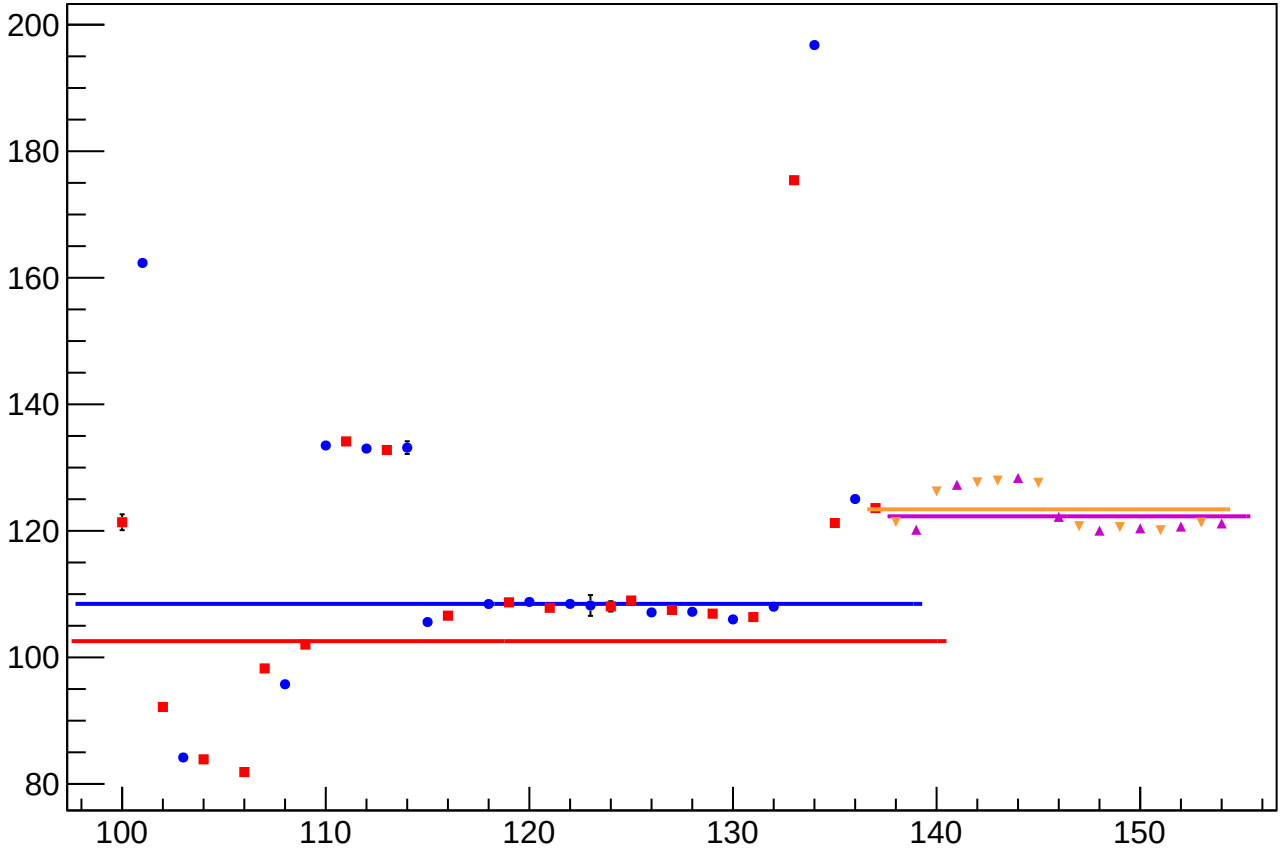
Left In: -61.503+/-1.327 χ^2/NDF:133.0/7

+ sign -81.562+/-1.010 χ^2/NDF: 1393.8/25

All: -78.082+/-0.719 χ^2/NDF: 2615.0/52

- sign -74.502+/-1.024 χ^2/NDF: 1197.1/26

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 123.406+/-0.065 χ^2/NDF:2480.7/8

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

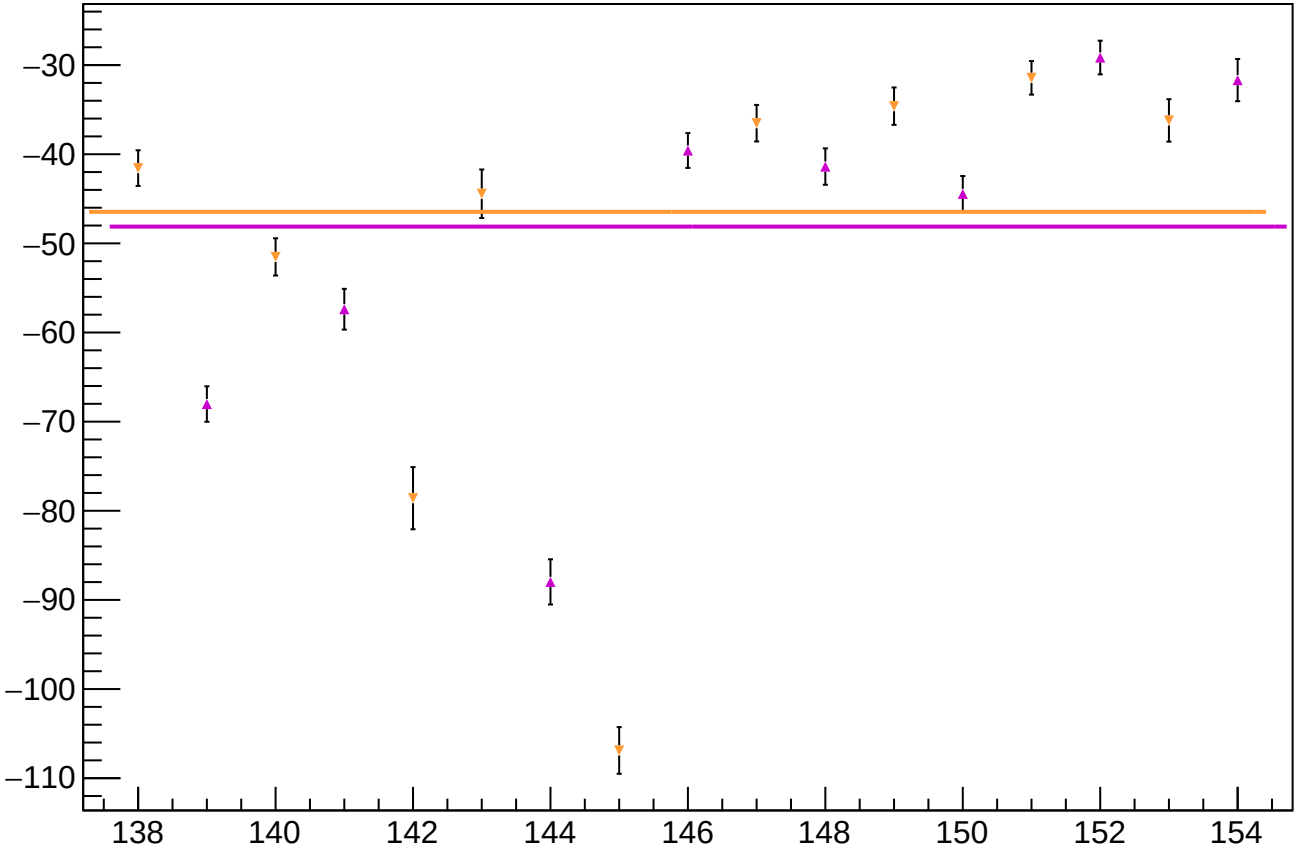
Left In: 122.297+/-0.065 χ^2/NDF:2191.8/7

+ sign 117.906+/-0.051 χ^2/NDF: 95450.6/25

All: 116.109+/-0.036 χ^2/NDF: 190099.5/52

- sign 114.386+/-0.050 χ^2/NDF: 92254.1/26

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -46.460+/-0.752 χ^2/NDF:767.5/8

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

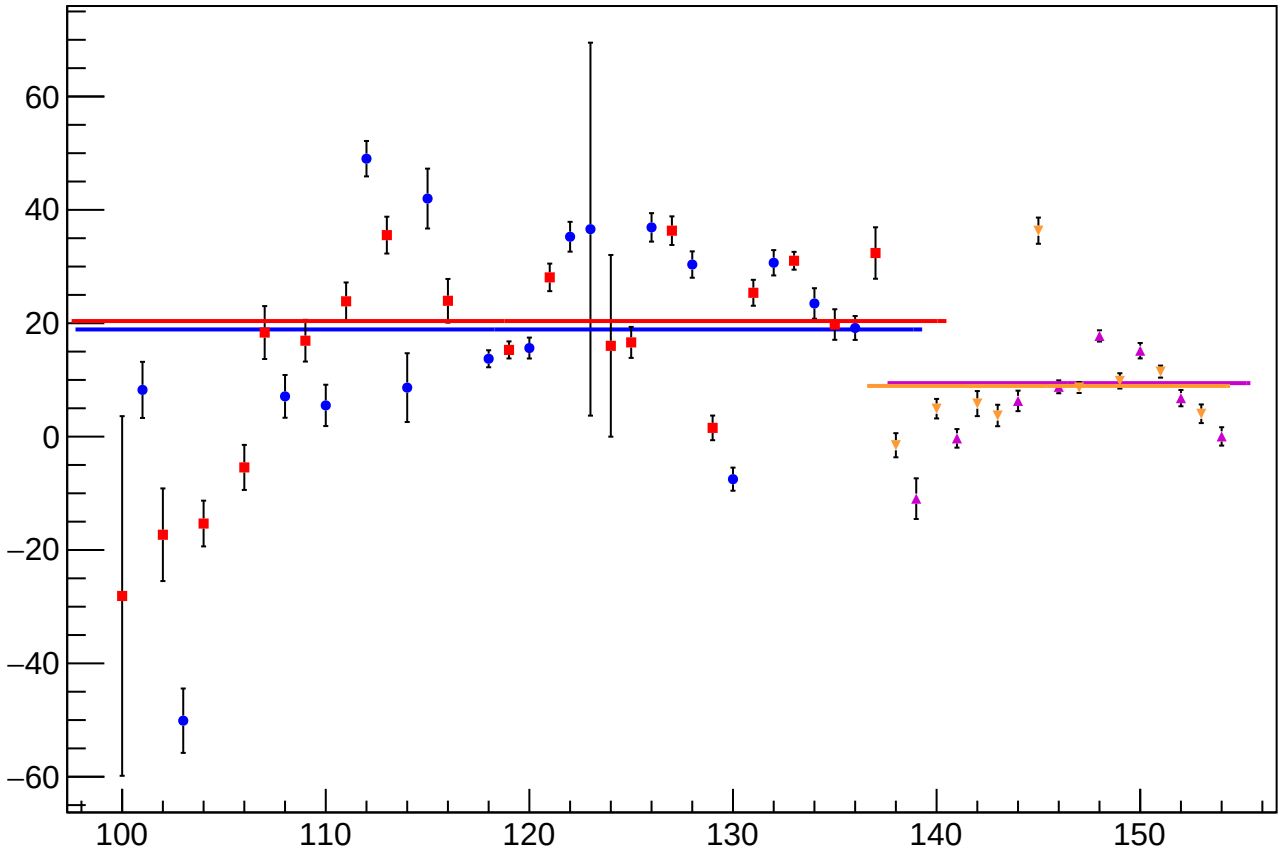
Left In: -48.118+/-0.744 χ^2/NDF:545.7/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -47.298+/-0.529 χ^2/NDF: 1315.7/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906+/-0.644 χ^2/NDF: 618.9/16

Left Out: 8.942+/-0.495 χ^2/NDF:194.7/8

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

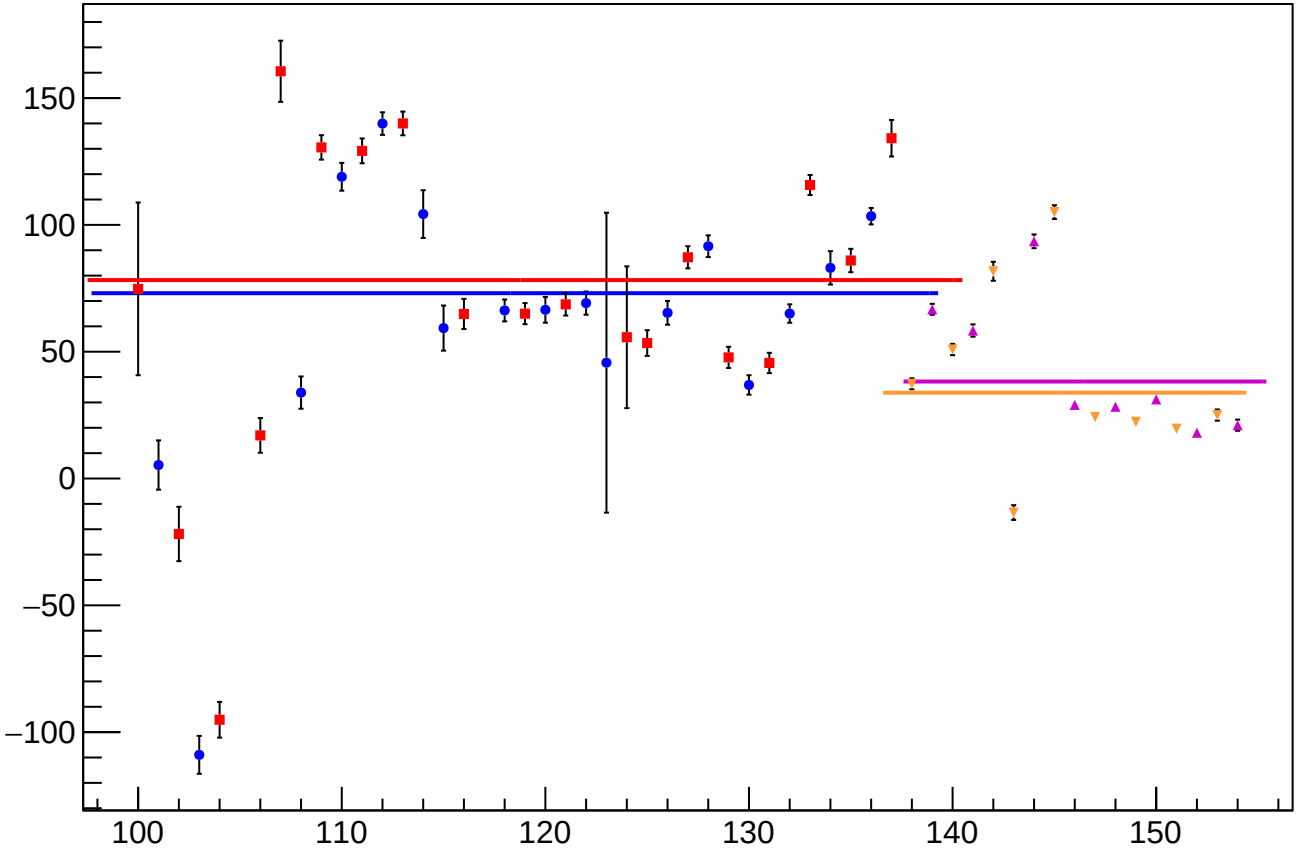
Left In: 9.436+/-0.503 χ^2/NDF:196.1/7

+ sign 12.644+/-0.392 χ^2/NDF: 964.3/25

All: 13.112+/-0.279 χ^2/NDF: 1708.2/52

- sign 13.590+/-0.396 χ^2/NDF: 741.1/26

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 33.845+/-0.748 χ^2/NDF:1321.1/8

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

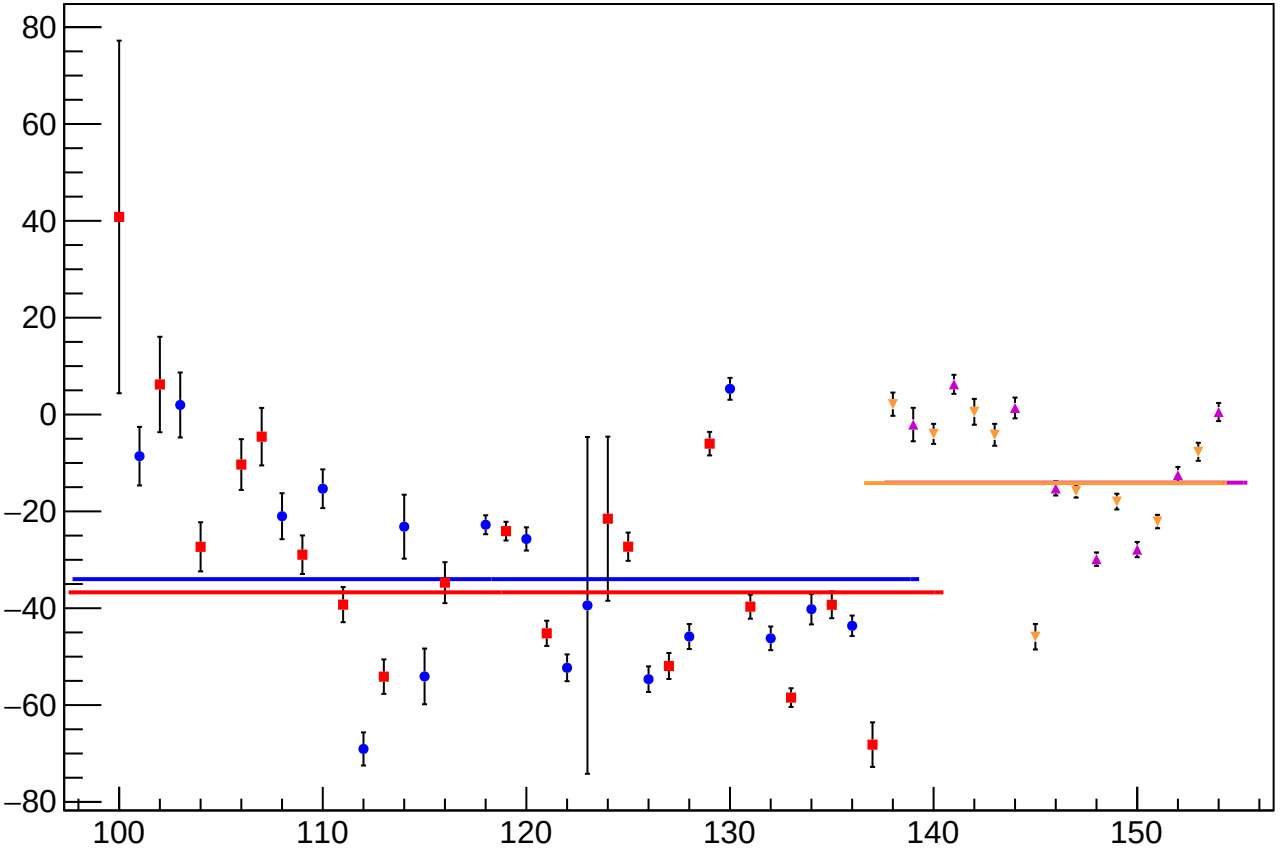
Left In: 38.243+/-0.730 χ^2/NDF:909.5/7

+ sign 44.461+/-0.639 χ^2/NDF: 3265.5/25

All: 46.653+/-0.447 χ^2/NDF: 6529.6/52

- sign 48.765+/-0.627 χ^2/NDF: 3240.9/26

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -14.160+/-0.617 χ^2/NDF:317.2/8

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

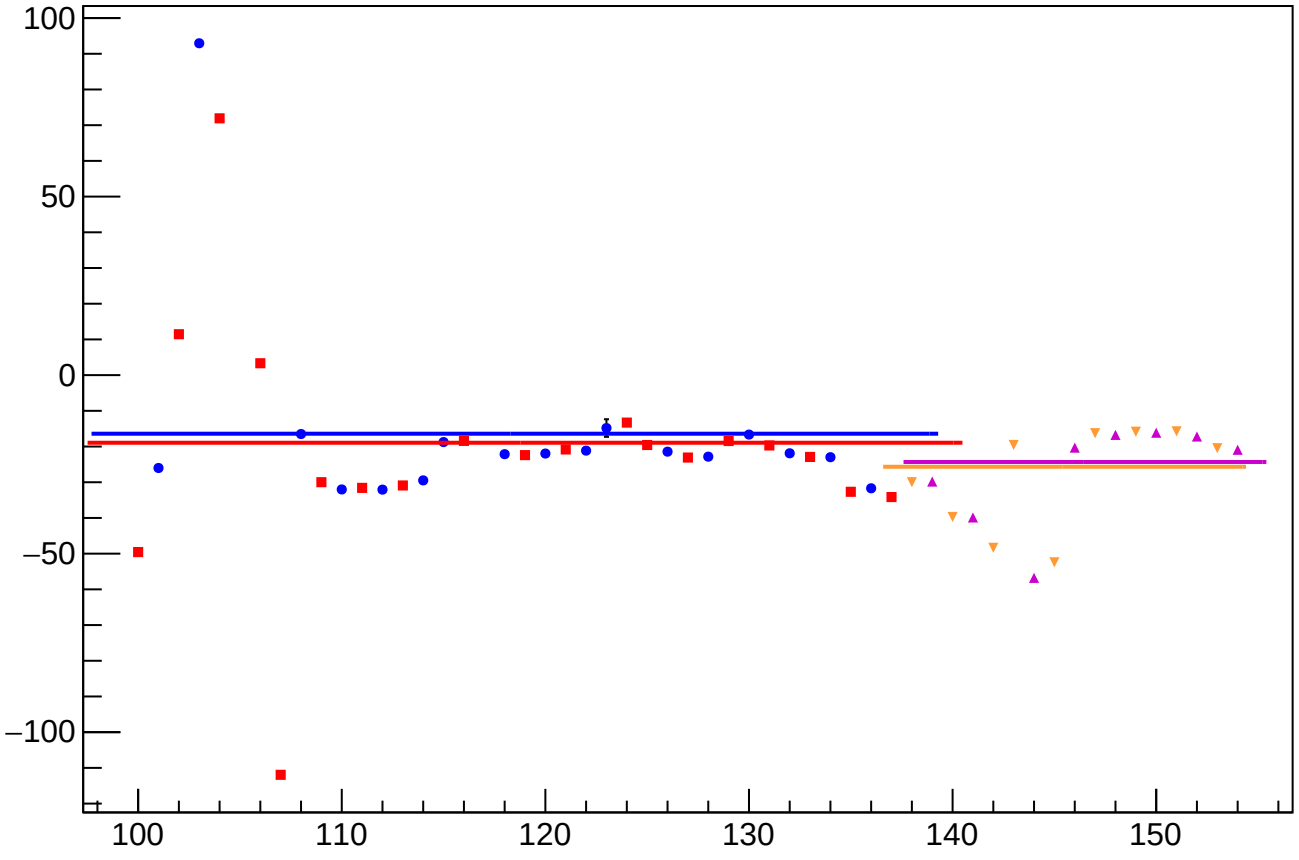
Left In: -14.065+/-0.622 χ^2/NDF:439.3/7

+ sign -22.338+/-0.473 χ^2/NDF: 1463.3/25

All: -22.911+/-0.335 χ^2/NDF: 3000.5/52

- sign -23.490+/-0.475 χ^2/NDF: 1534.3/26

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -25.667+/-0.031 χ^2/NDF:156736.4/8

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

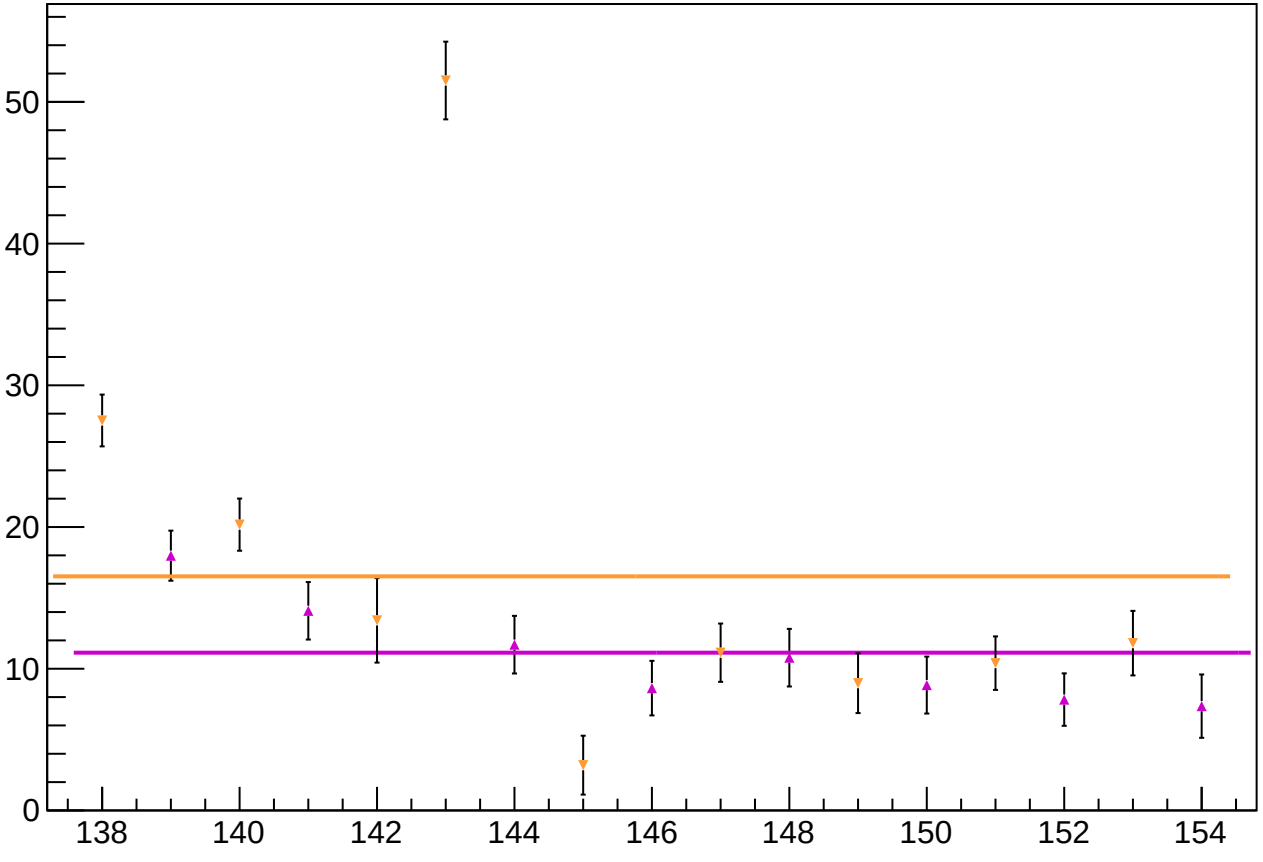
Left In: -24.324+/-0.030 χ^2/NDF:137606.2/7

+ sign -22.633+/-0.025 χ^2/NDF: 660315.6/25

All: -22.673+/-0.018 χ^2/NDF: 1242025.2/52

- sign -22.711+/-0.025 χ^2/NDF: 581704.9/26

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 16.519+/-0.706 χ^2/NDF:279.7/8

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

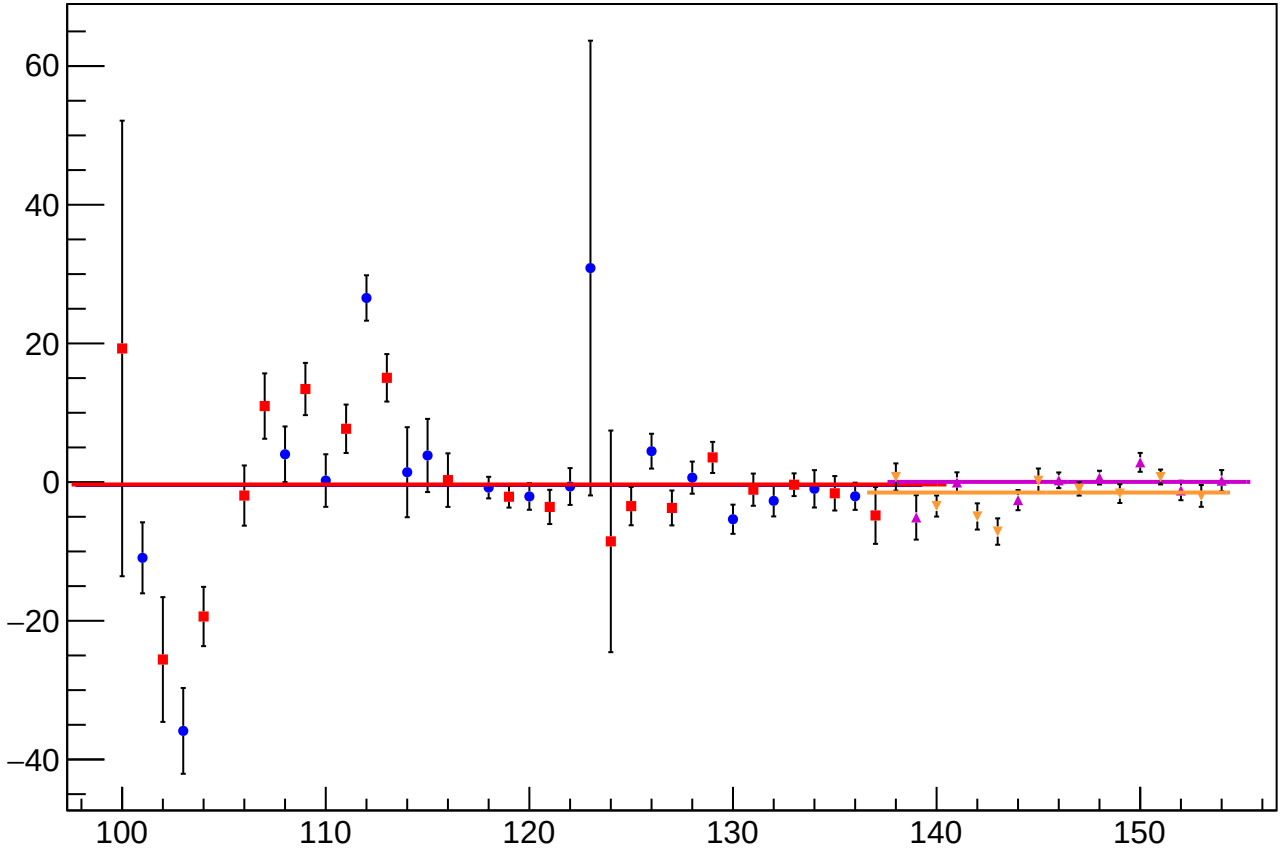
Left In: 11.134+/-0.697 χ^2/NDF:26.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 13.794+/-0.496 χ^2/NDF: 335.4/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.414+/-0.653 χ^2/NDF: 119.9/16

Left Out: -1.503+/-0.475 χ^2/NDF:20.7/8

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

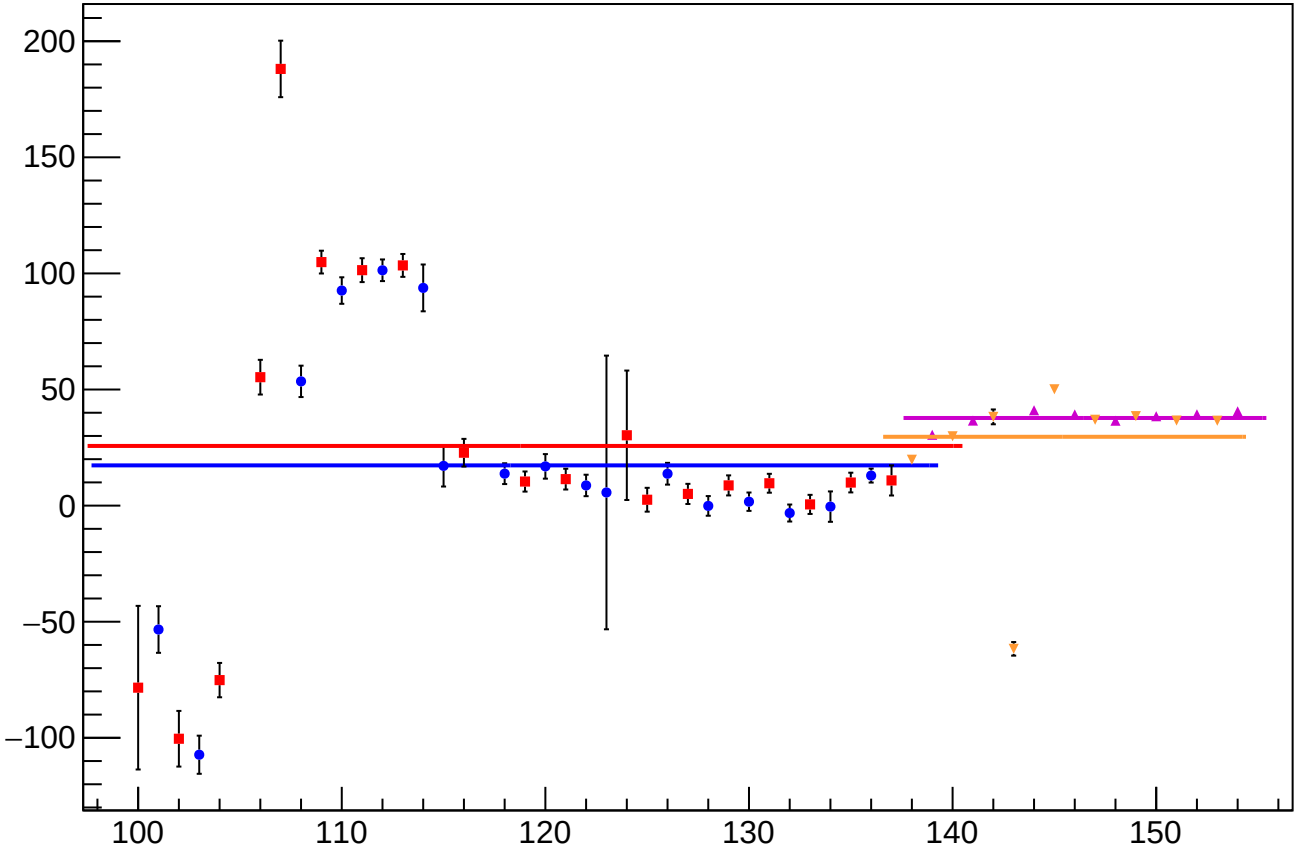
Left In: 0.031+/-0.481 χ^2/NDF:11.3/7

+ sign -1.126+/-0.384 χ^2/NDF: 142.4/25

All: -0.618+/-0.273 χ^2/NDF: 241.2/52

- sign -0.099+/-0.388 χ^2/NDF: 95.2/26

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 29.643+/-0.707 χ^2/NDF:1154.8/8

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

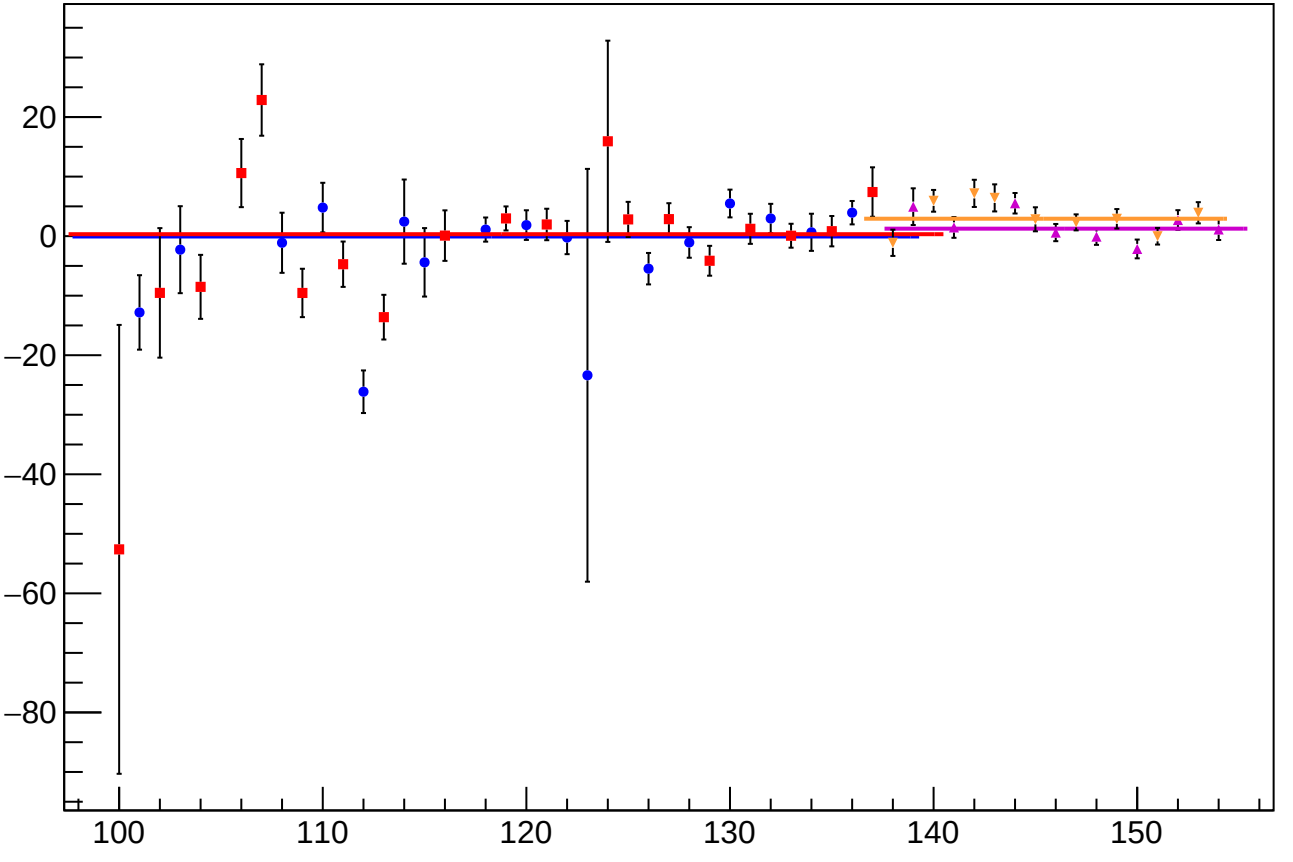
Left In: 37.743+/-0.690 χ^2/NDF:20.9/7

+ sign 26.615+/-0.614 χ^2/NDF: 2172.5/25

All: 30.837+/-0.430 χ^2/NDF: 3737.0/52

- sign 34.907+/-0.603 χ^2/NDF: 1471.8/26

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 2.926+/-0.589 χ^2/NDF:16.9/8

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

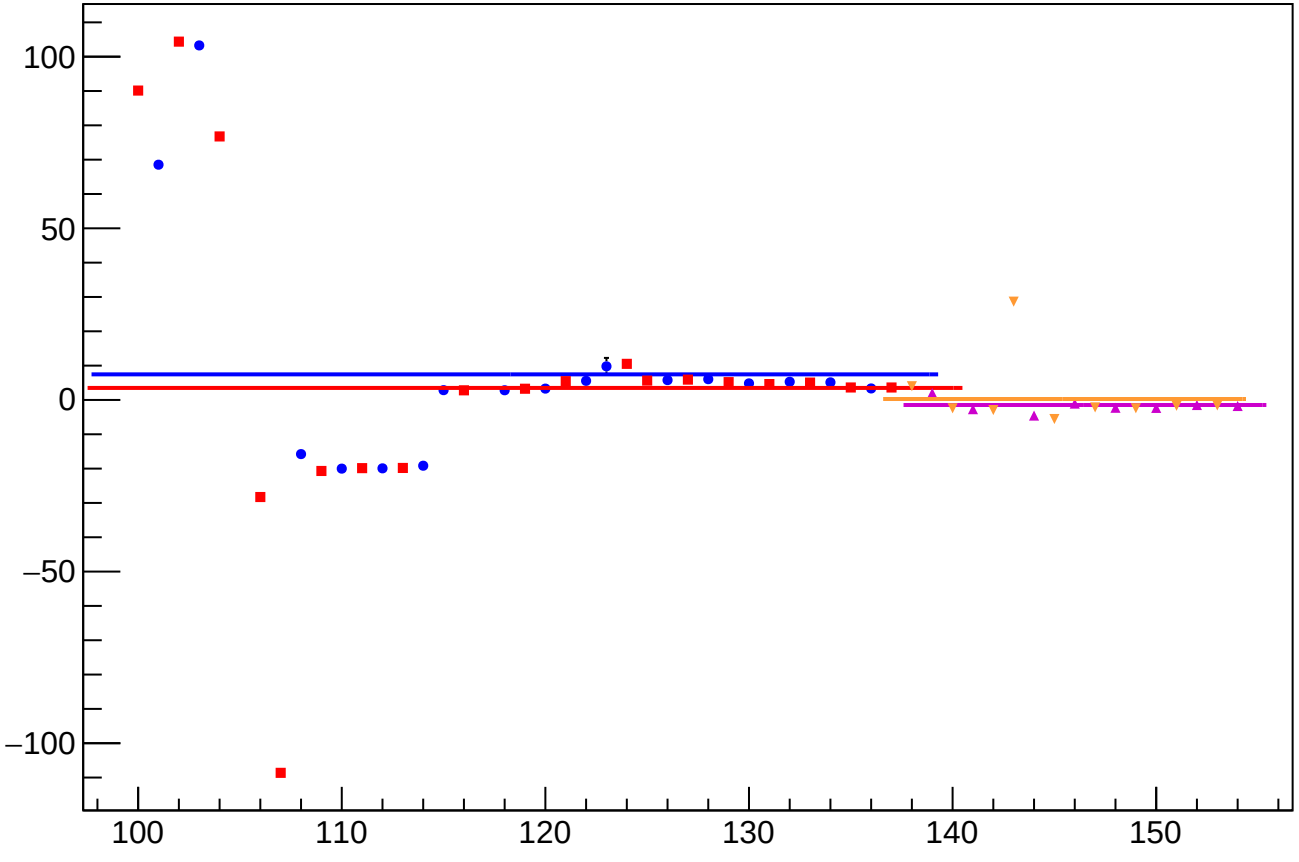
Left In: 1.255+/-0.591 χ^2/NDF:14.2/7

+ sign 1.776+/-0.461 χ^2/NDF: 103.3/25

All: 1.340+/-0.327 χ^2/NDF: 175.3/52

- sign 0.899+/-0.464 χ^2/NDF: 70.2/26

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: 0.277+/-0.029 χ^2/NDF:70280.7/8

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

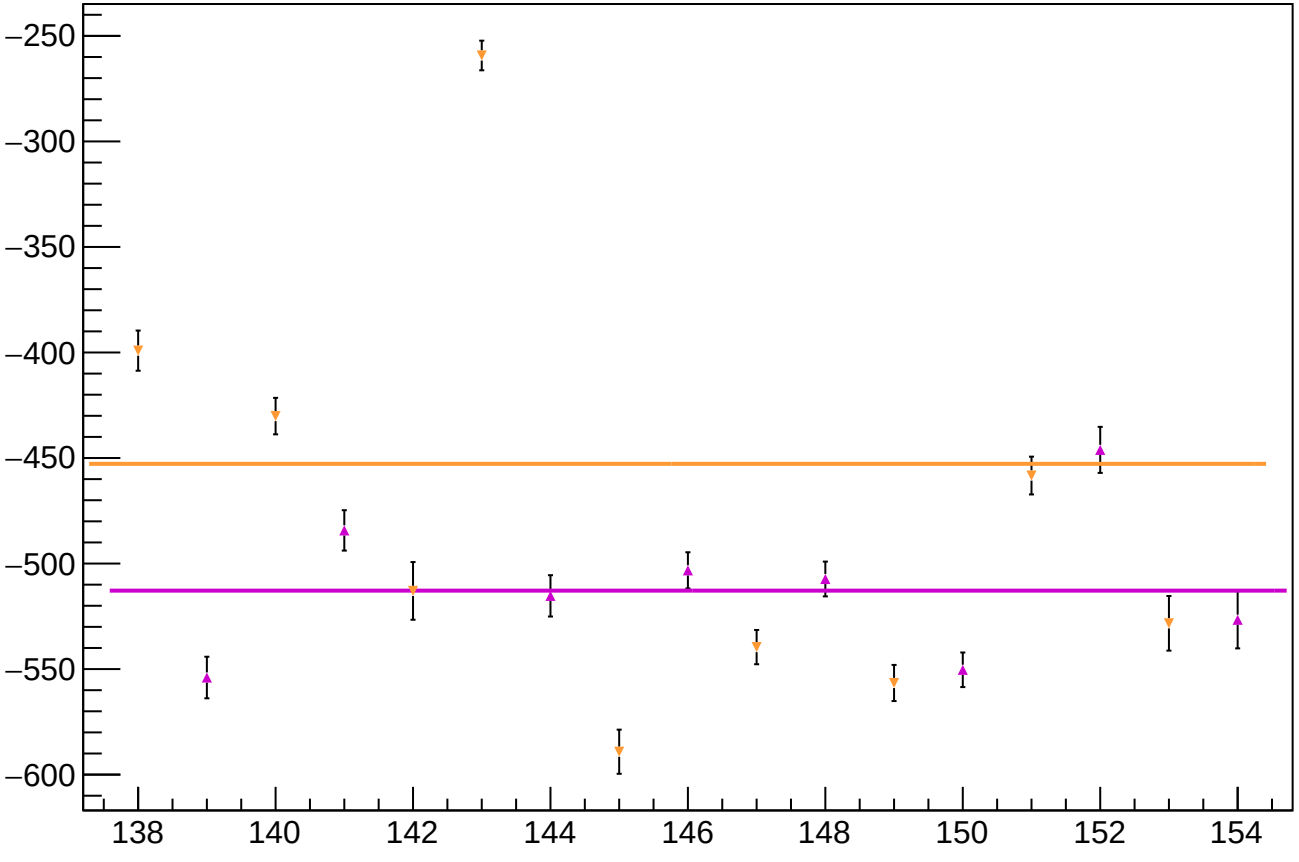
Left In: -1.469+/-0.028 χ^2/NDF:4151.4/7

+ sign 2.437+/-0.024 χ^2/NDF: 444584.3/25

All: 1.126+/-0.017 χ^2/NDF: 973625.2/52

- sign -0.118+/-0.024 χ^2/NDF: 523404.6/26

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -452.754+/-3.064 χ^2/NDF:1284.0/8

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

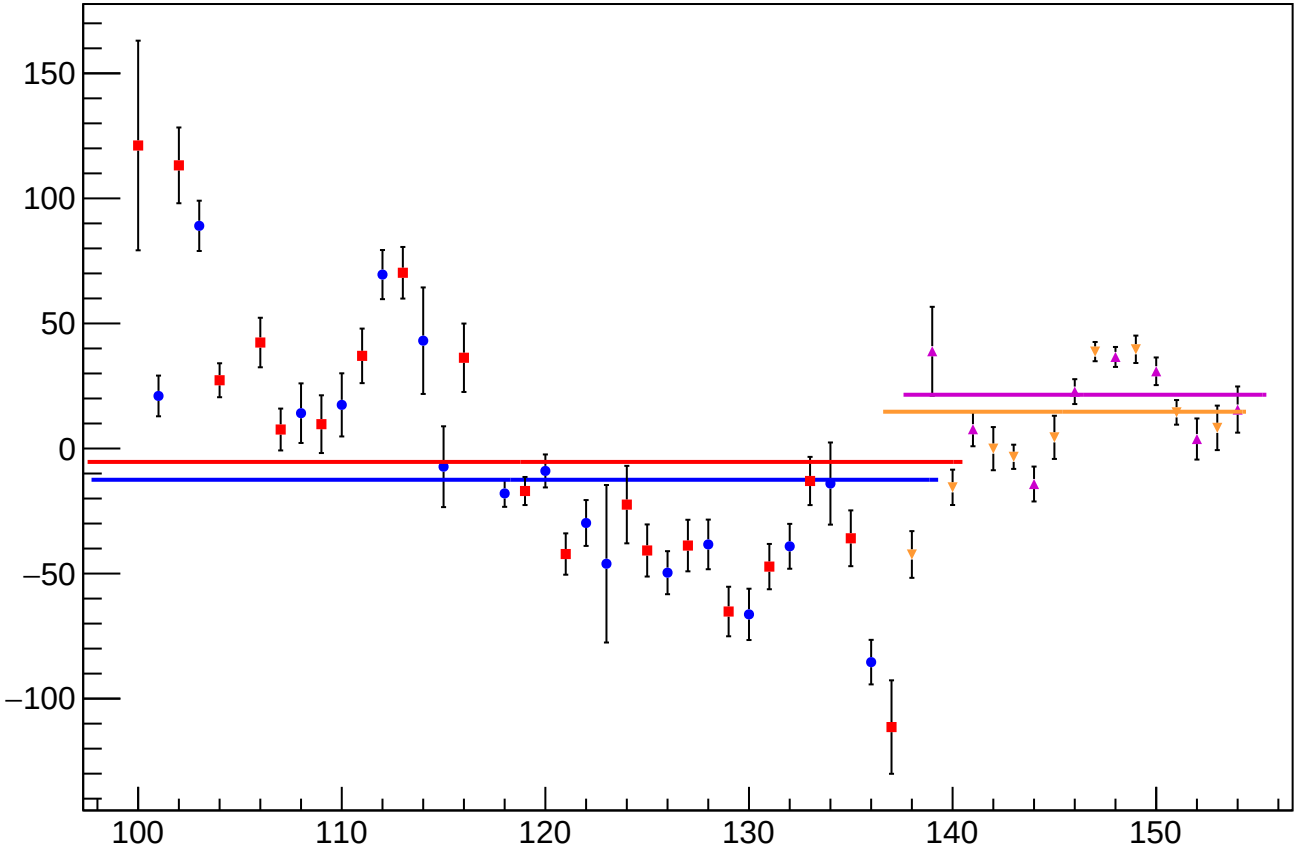
Left In: -512.830+/-3.357 χ^2/NDF:87.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -480.058+/-2.263 χ^2/NDF: 1546.2/16

- 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: 14.710+/-1.977 χ^2/NDF:134.2/8

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

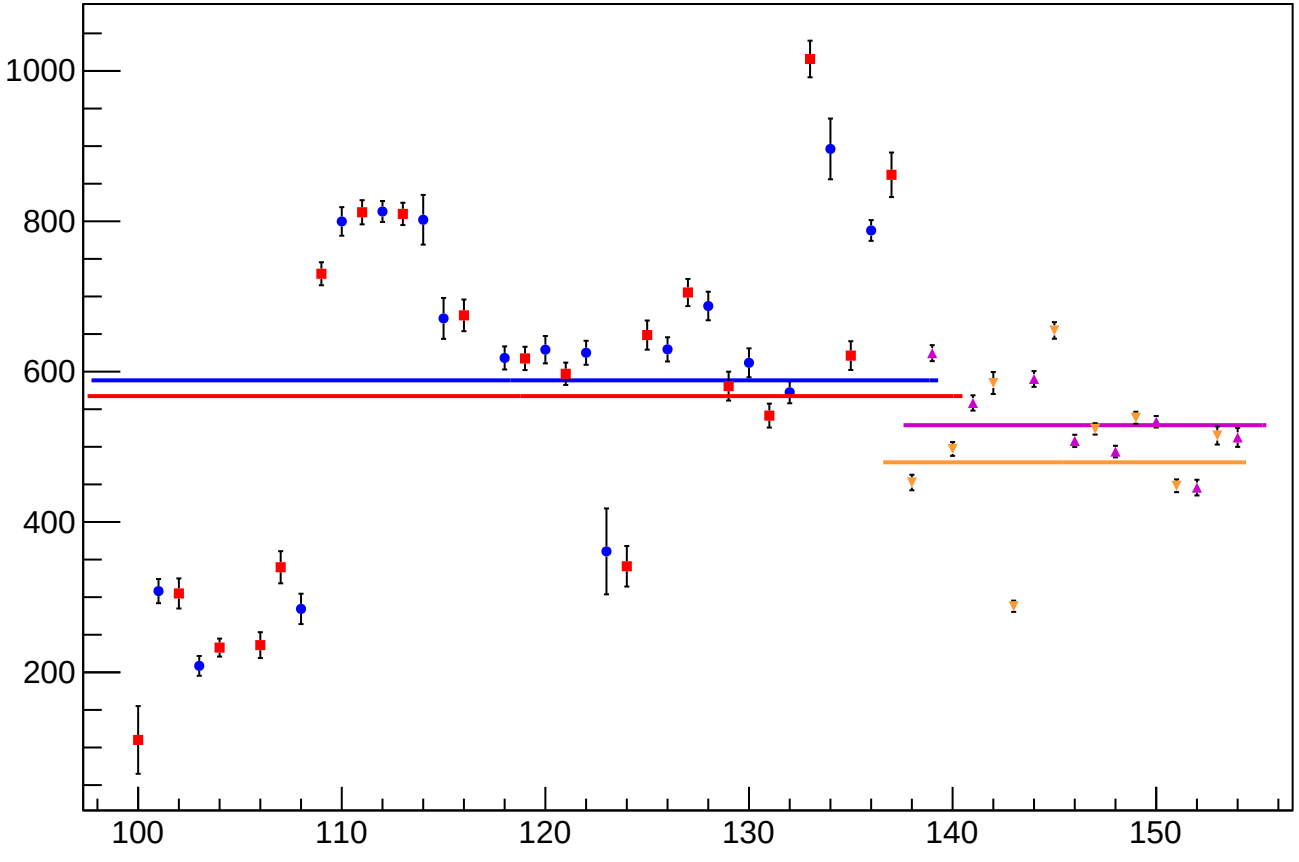
Left In: 21.495+/-2.194 χ^2/NDF:53.6/7

+ sign 3.210+/-1.502 χ^2/NDF: 555.3/25

All: 5.724+/-1.087 χ^2/NDF: 1031.9/52

- sign 8.490+/-1.576 χ^2/NDF: 470.7/26

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 479.368+/-3.077 χ^2/NDF:1080.9/8

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

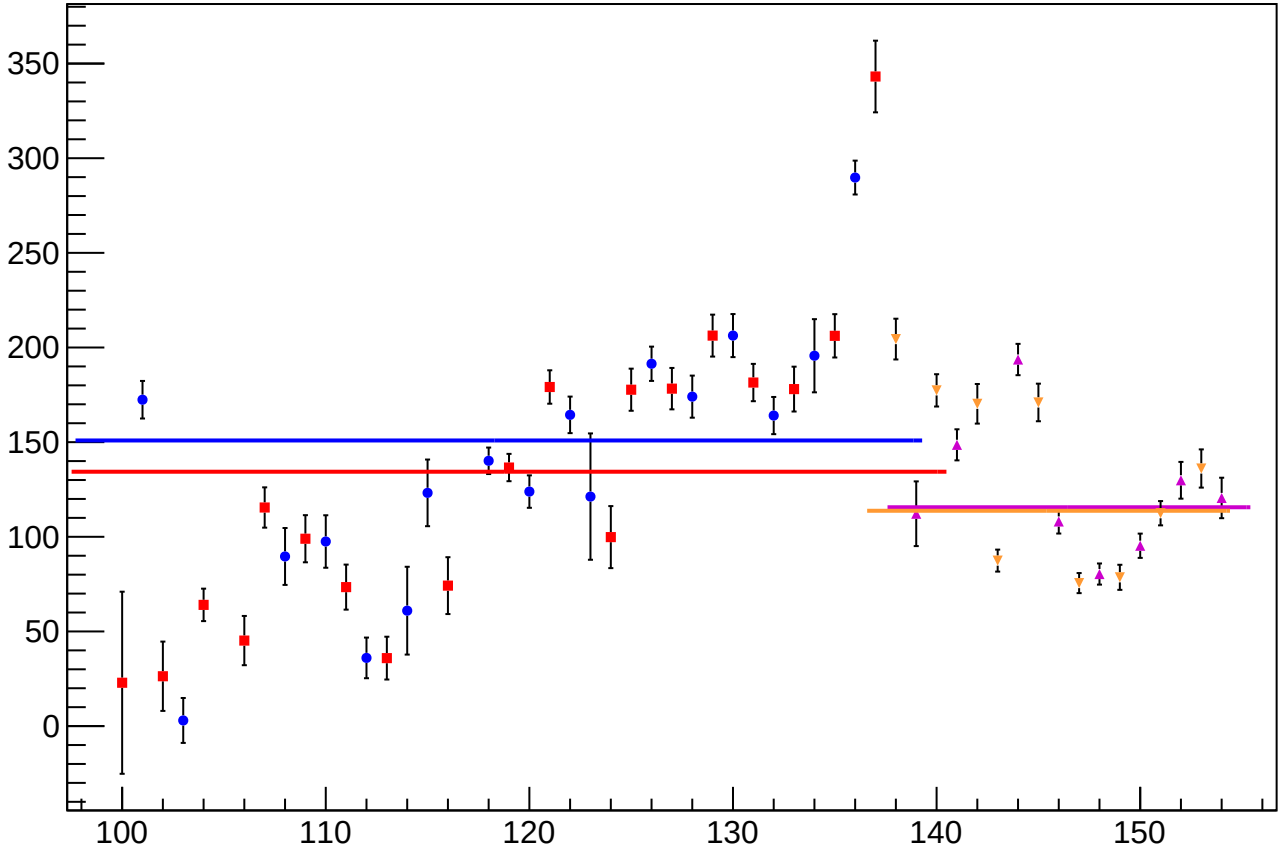
Left In: 528.798+/-3.302 χ^2/NDF:216.0/7

+ sign 516.063+/-2.506 χ^2/NDF: 3633.8/25

All: 529.545+/-1.798 χ^2/NDF: 6747.6/52

- sign 543.839+/-2.581 χ^2/NDF: 3054.2/26

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 113.753+/-2.471 χ^2/NDF:294.4/8

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

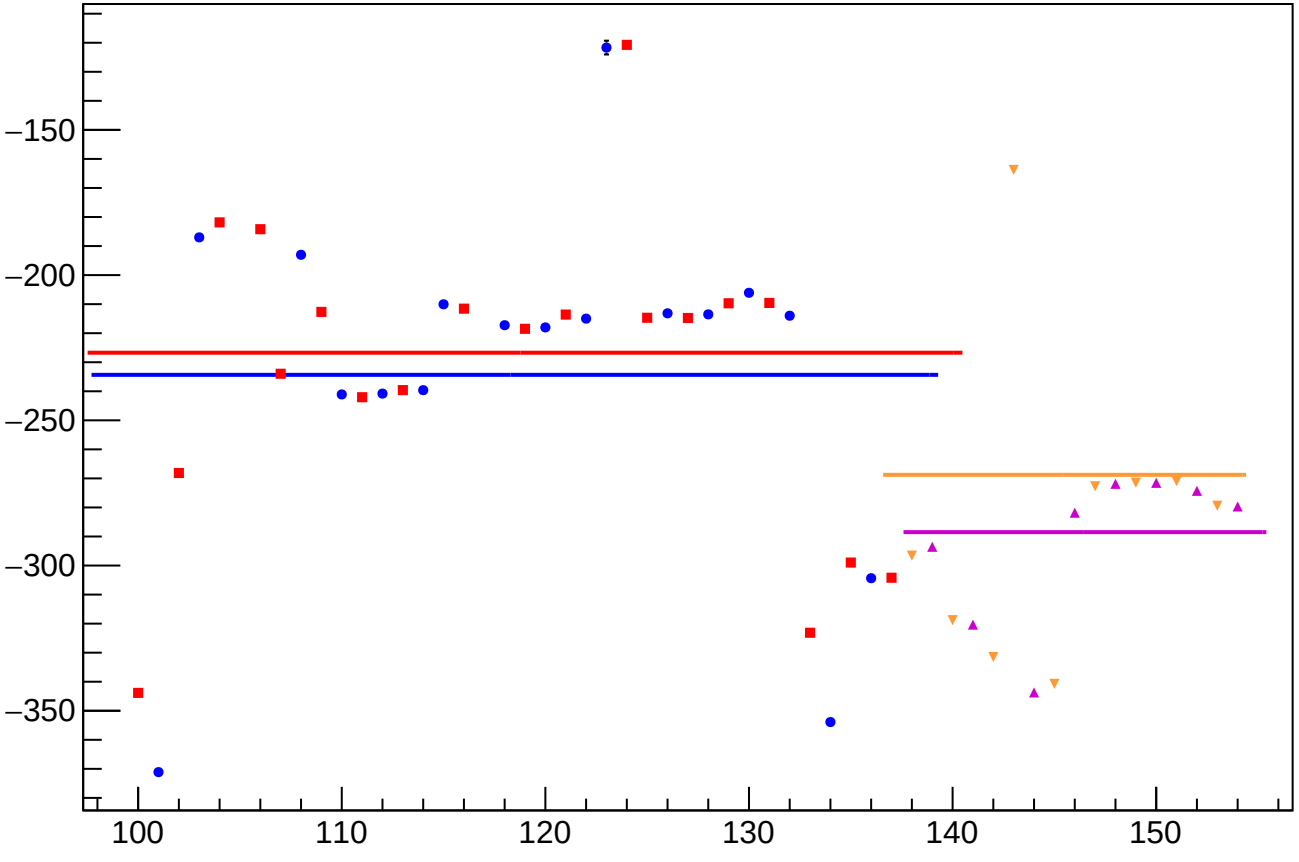
Left In: 115.608+/-2.739 χ^2/NDF:158.9/7

+ sign 130.864+/-1.815 χ^2/NDF: 1033.2/25

All: 128.253+/-1.310 χ^2/NDF: 1805.8/52

- sign 125.412+/-1.893 χ^2/NDF: 768.3/26

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -268.763+/-0.129 χ^2/NDF:181599.8/8

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

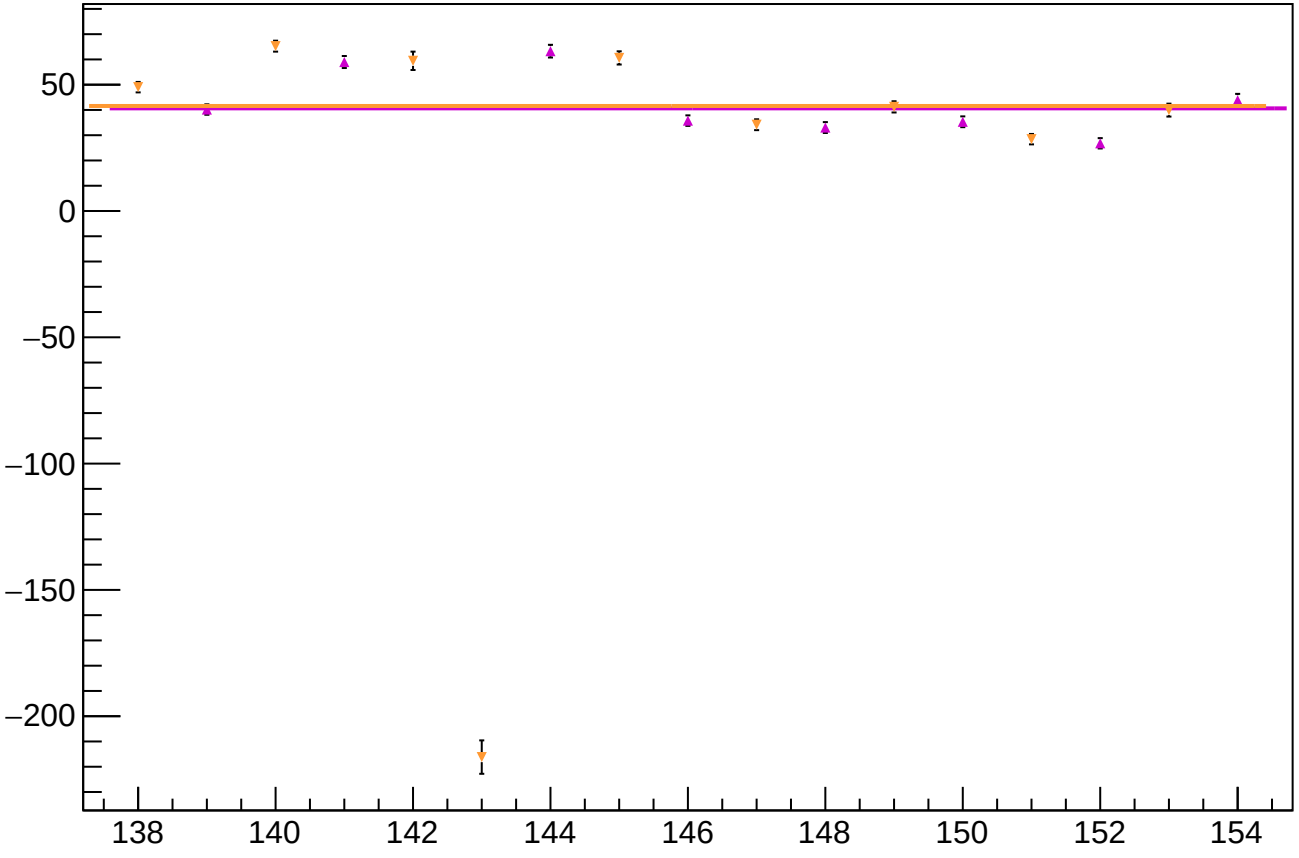
Left In: -288.497+/-0.136 χ^2/NDF:27790.4/7

+ sign -253.946+/-0.097 χ^2/NDF: 357448.0/25

All: -256.356+/-0.069 χ^2/NDF: 585152.5/52

- sign -258.799+/-0.098 χ^2/NDF: 226469.9/26

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 41.575+/-0.817 χ^2/NDF:1781.4/8

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

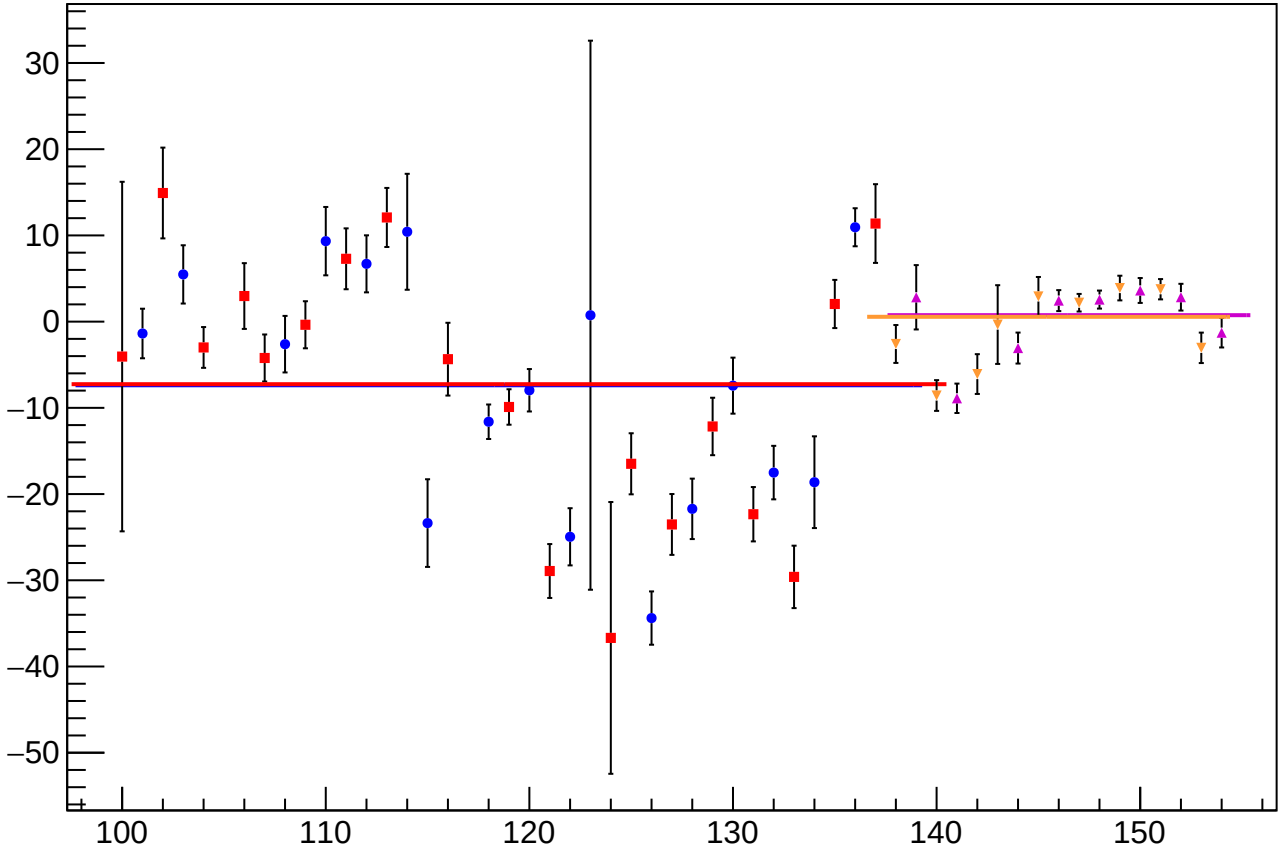
Left In: 40.631+/-0.783 χ^2/NDF:212.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 41.082+/-0.565 χ^2/NDF: 1994.1/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.381+/-0.779 χ^2/NDF: 283.6/16

Left Out: 0.561+/-0.539 χ^2/NDF:57.2/8

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

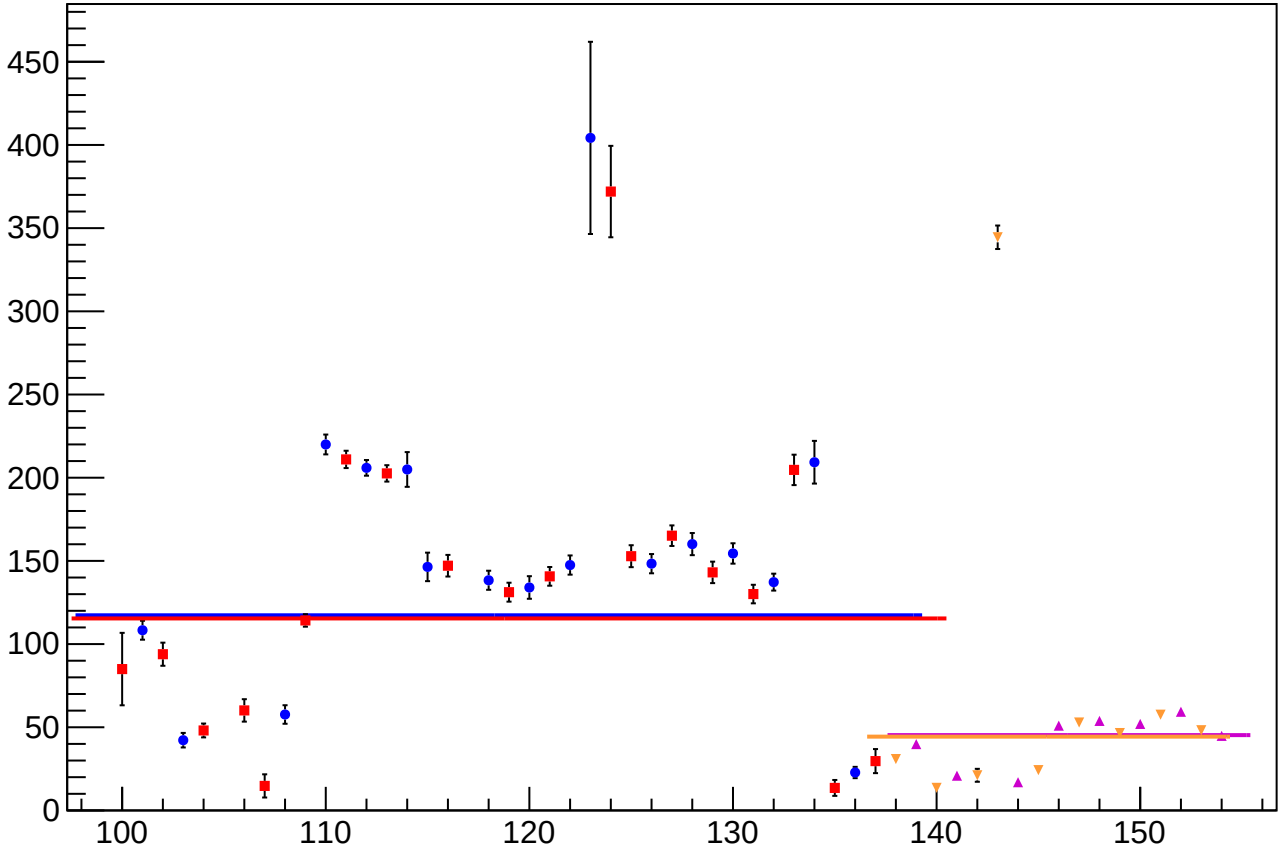
Left In: 0.749+/-0.530 χ^2/NDF:48.9/7

+ sign -2.010+/-0.443 χ^2/NDF: 411.2/25

All: -1.936+/-0.311 χ^2/NDF: 791.8/52

- sign -1.865+/-0.435 χ^2/NDF: 380.5/26

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 44.372+/-0.811 χ^2/NDF:2178.5/8

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

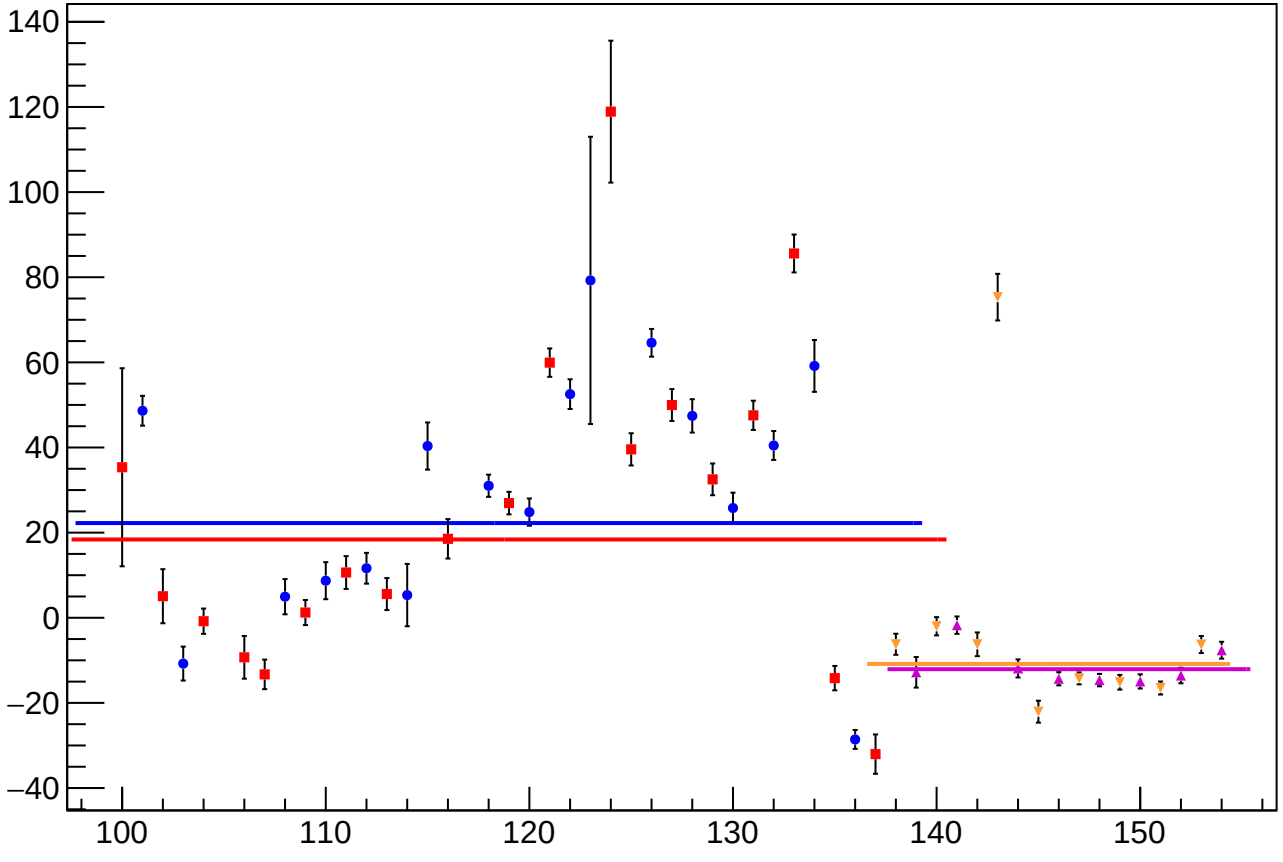
Left In: 45.280+/-0.770 χ^2/NDF:298.3/7

+ sign 62.533+/-0.703 χ^2/NDF: 6353.0/25

All: 62.404+/-0.485 χ^2/NDF: 10814.0/52

- sign 62.287+/-0.670 χ^2/NDF: 4461.0/26

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: -10.841+/-0.672 χ^2/NDF:320.7/8

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

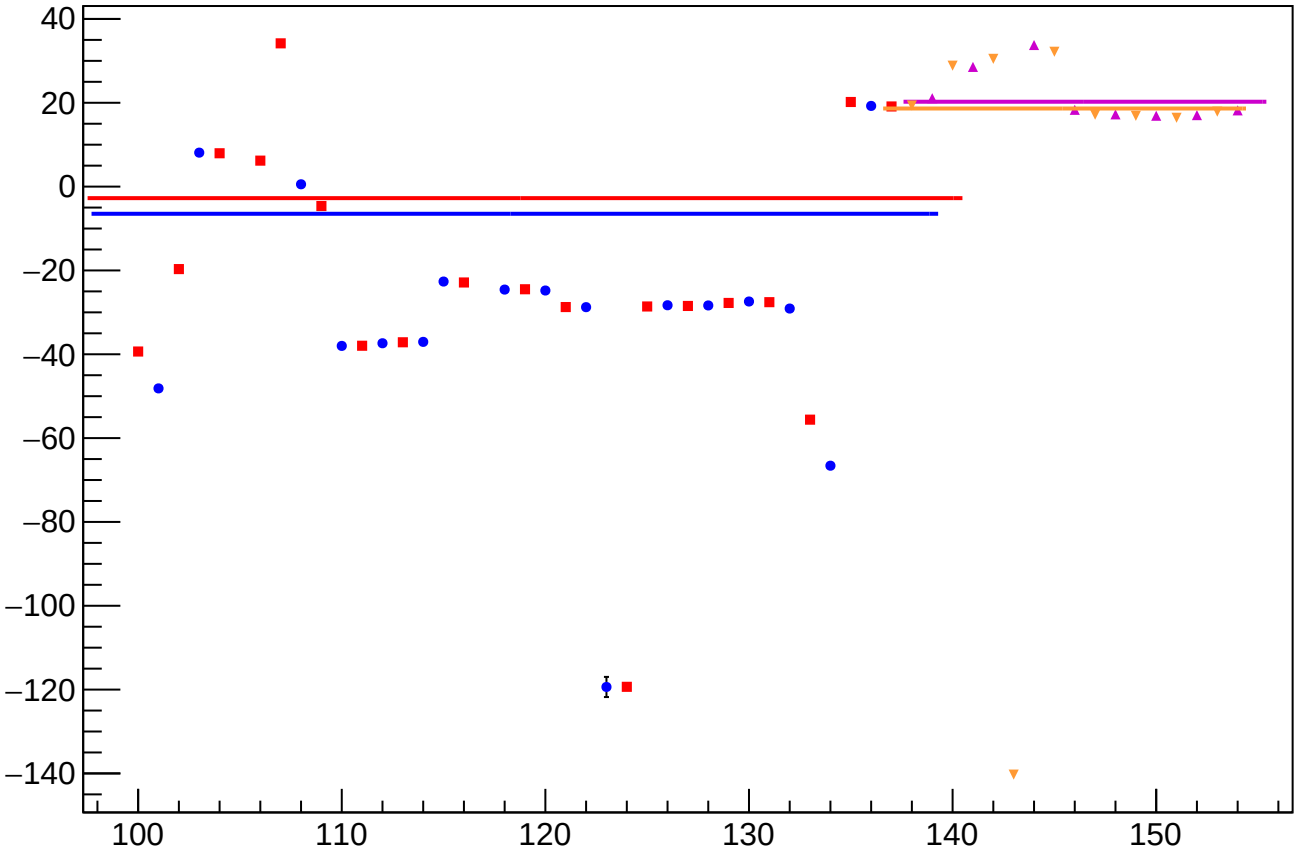
Left In: -12.080+/-0.655 χ^2/NDF:39.4/7

+ sign 1.198+/-0.536 χ^2/NDF: 2273.3/25

All: 0.035+/-0.375 χ^2/NDF: 4179.7/52

- sign -1.074+/-0.524 χ^2/NDF: 1897.2/26

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 18.633+/-0.034 χ^2/NDF:348553.3/8

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

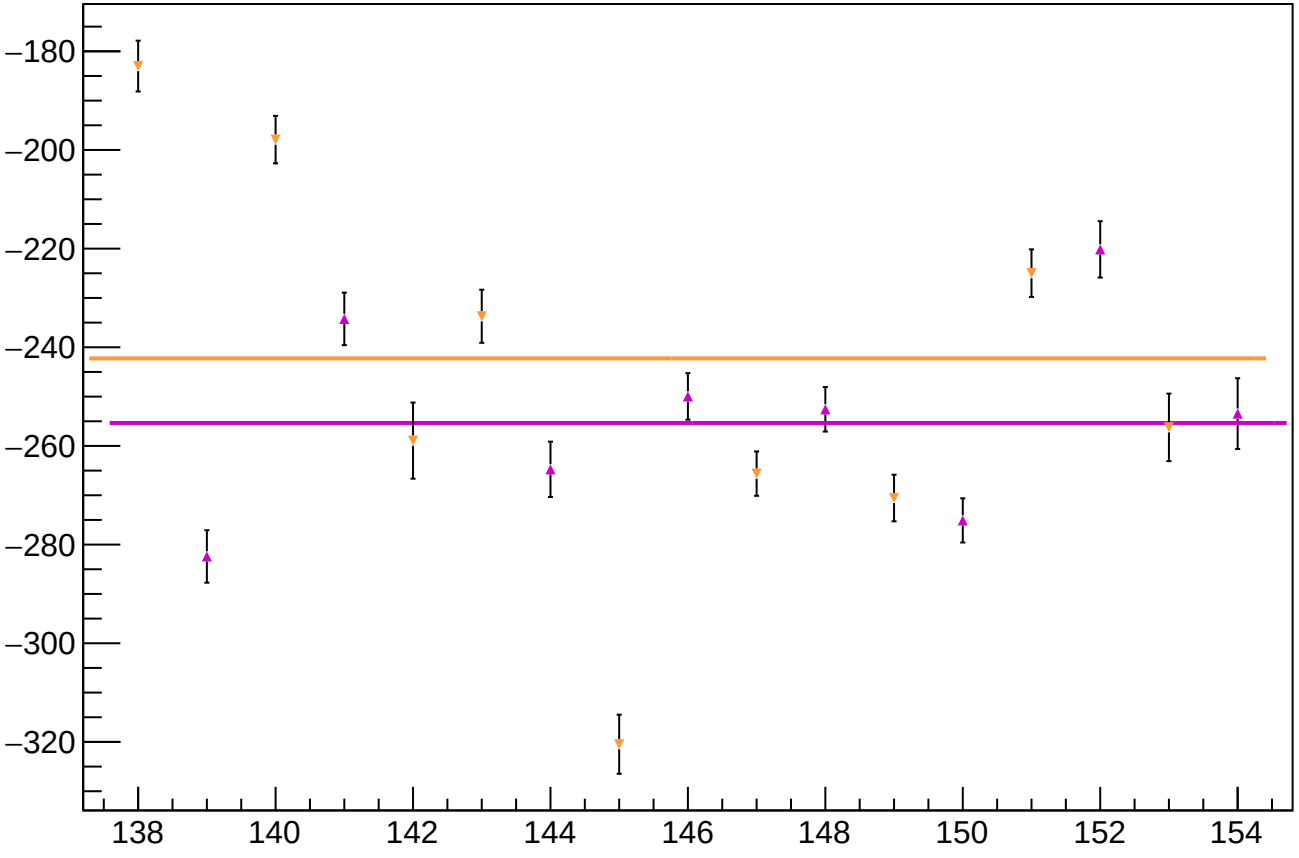
Left In: 20.249+/-0.031 χ^2/NDF:25478.5/7

+ sign 9.915+/-0.027 χ^2/NDF: 807602.4/25

All: 11.514+/-0.019 χ^2/NDF: 1278967.9/52

- sign 12.947+/-0.026 χ^2/NDF: 464807.4/26

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -242.250+/-1.772 χ^2/NDF:474.6/8

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

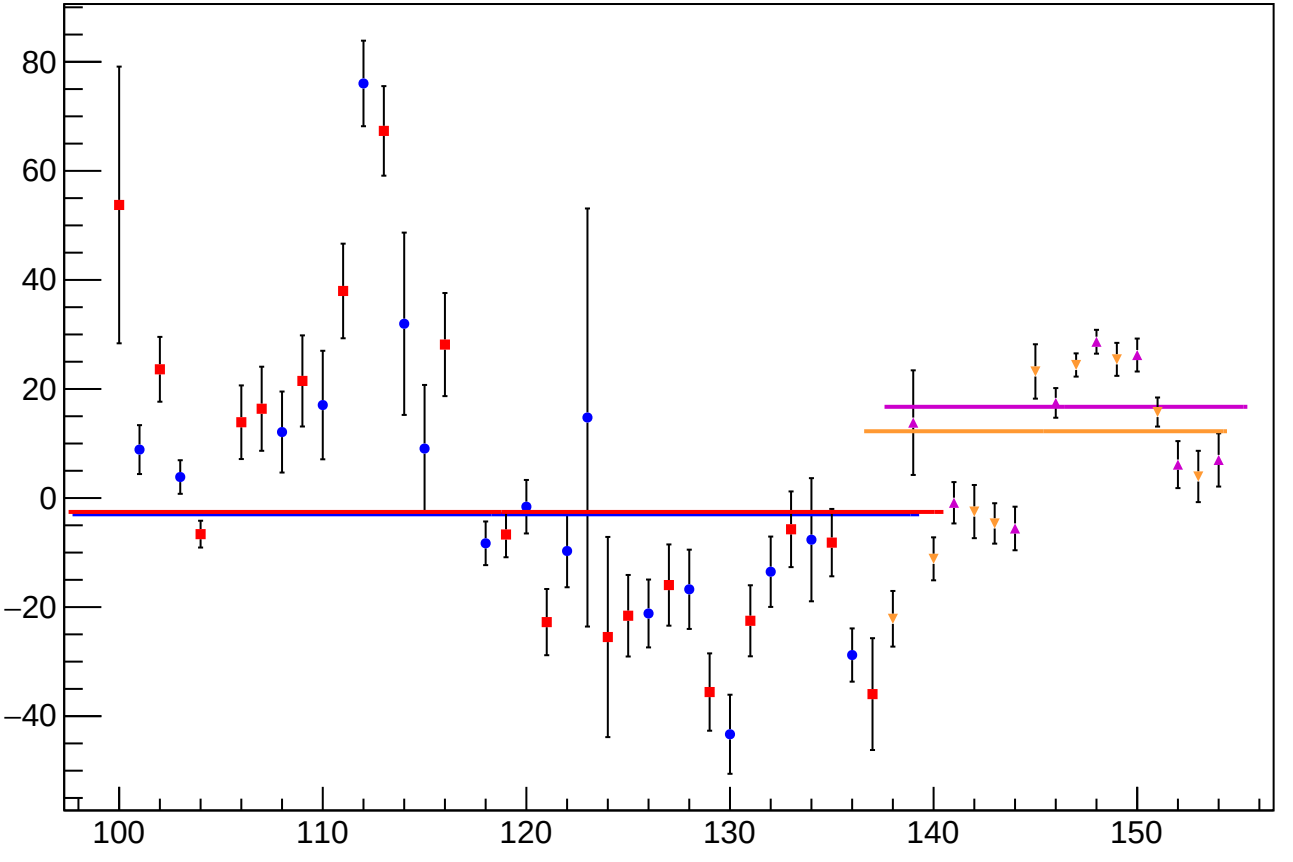
Left In: -255.344+/-1.837 χ^2/NDF:103.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -248.559+/-1.275 χ^2/NDF: 604.4/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981+/-1.450 χ^2/NDF: 203.9/16

Left Out: 12.251+/-1.137 χ^2/NDF:171.9/8

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

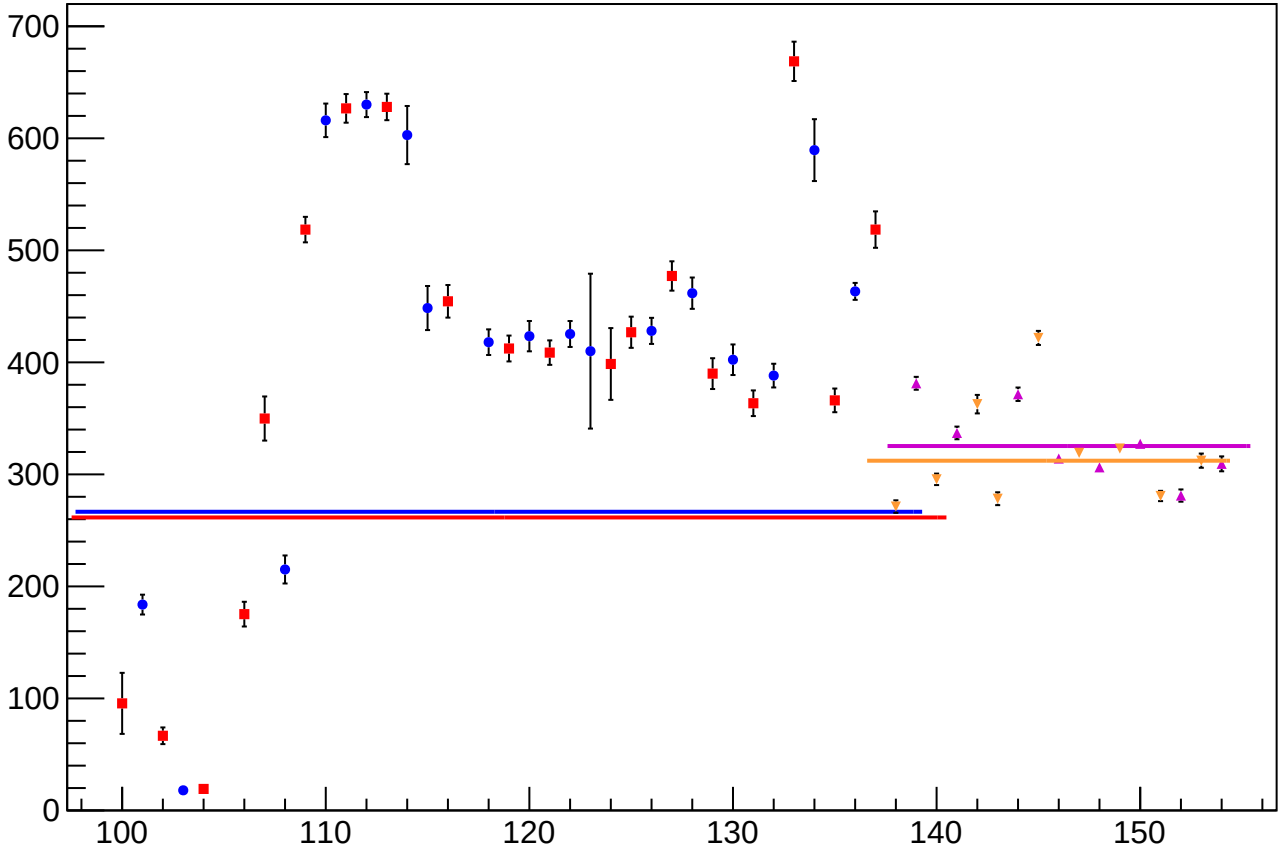
Left In: 16.732+/-1.201 χ^2/NDF:102.6/7

+ sign 6.453+/-0.895 χ^2/NDF: 444.1/25

All: 7.480+/-0.639 χ^2/NDF: 876.8/52

- sign 8.545+/-0.911 χ^2/NDF: 430.0/26

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 312.208+/-1.766 χ^2/NDF:495.5/8

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

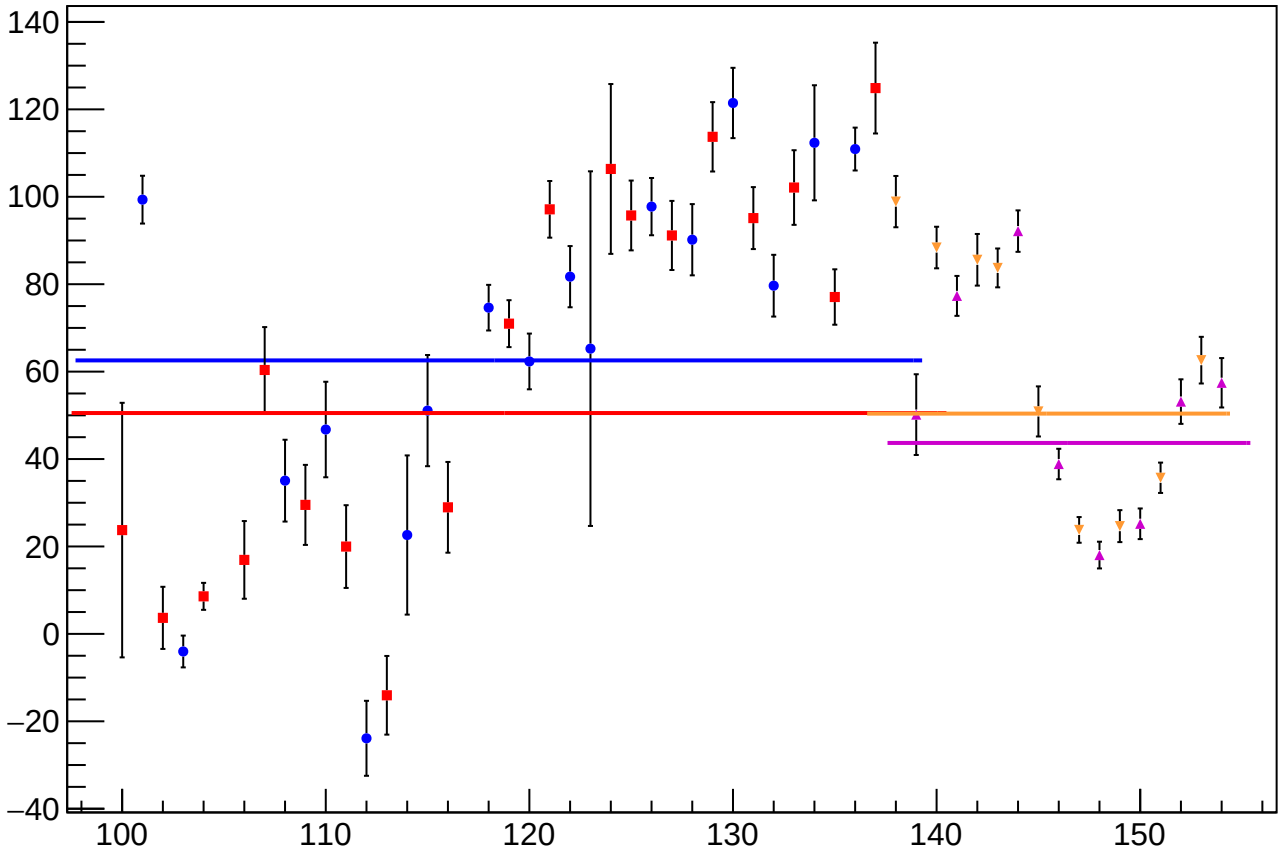
Left In: 325.313+/-1.804 χ^2/NDF:255.6/7

+ sign 296.842+/-1.438 χ^2/NDF: 8382.7/25

All: 299.877+/-1.023 χ^2/NDF: 17292.8/52

- sign 302.981+/-1.455 χ^2/NDF: 8901.1/26

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 50.396+/-1.426 χ^2/NDF:378.5/8

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

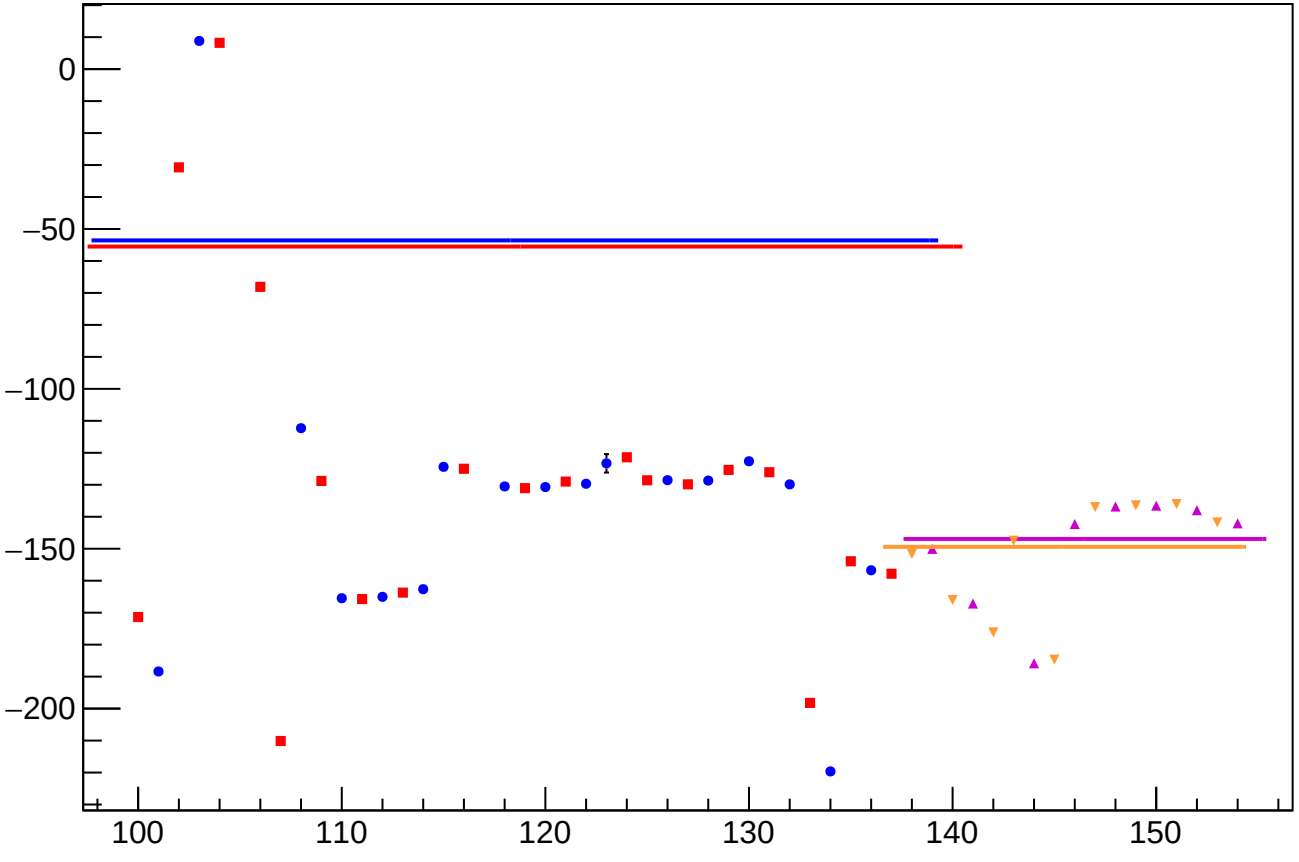
Left In: 43.683+/-1.500 χ^2/NDF:268.6/7

+ sign 55.500+/-1.087 χ^2/NDF: 1131.4/25

All: 51.231+/-0.776 χ^2/NDF: 2098.0/52

- sign 46.793+/-1.108 χ^2/NDF: 935.1/26

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -149.409+/-0.074 χ^2/NDF:46470.8/8

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

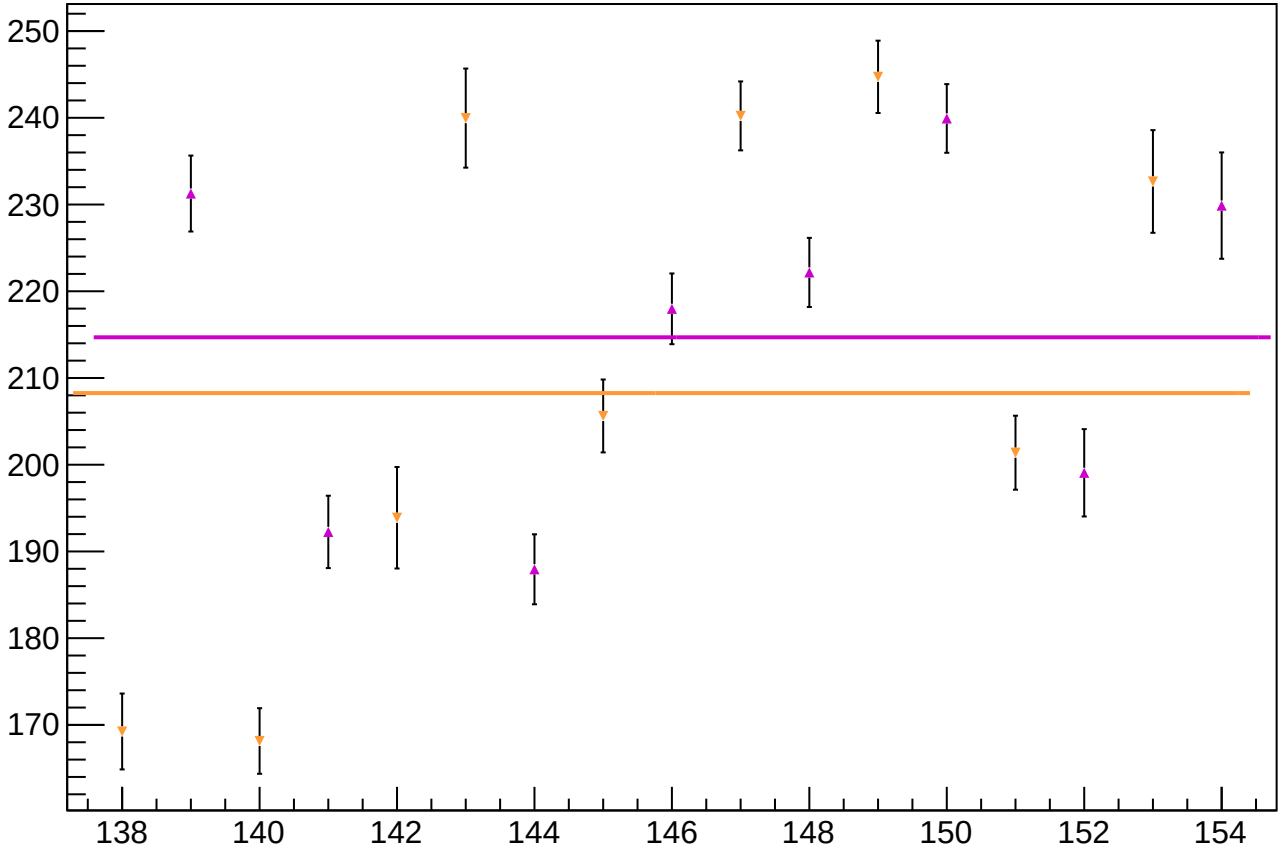
Left In: -146.939+/-0.074 χ^2/NDF:39090.0/7

+ sign -98.870+/-0.051 χ^2/NDF: 2155928.6/25

All: -99.339+/-0.036 χ^2/NDF: 3948533.0/52

- sign -99.819+/-0.052 χ^2/NDF: 1792433.6/26

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 208.260+/-1.503 χ^2/NDF:390.0/8

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

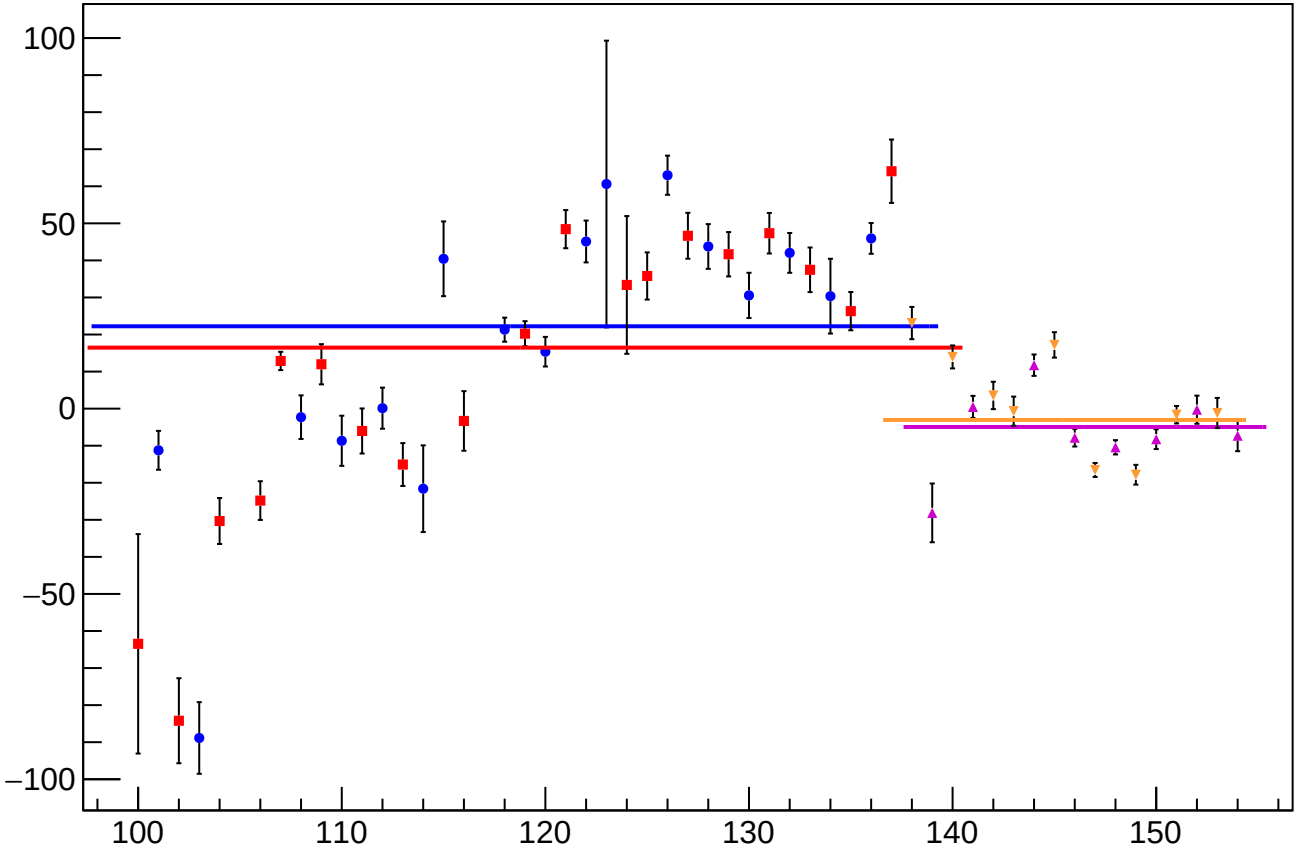
Left In: 214.690+/-1.536 χ^2/NDF:147.8/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 211.405+/-1.074 χ^2/NDF: 546.7/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221+/-1.374 χ^2/NDF: 385.6/16

Left Out: -3.046+/-0.979 χ^2/NDF:187.2/8

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

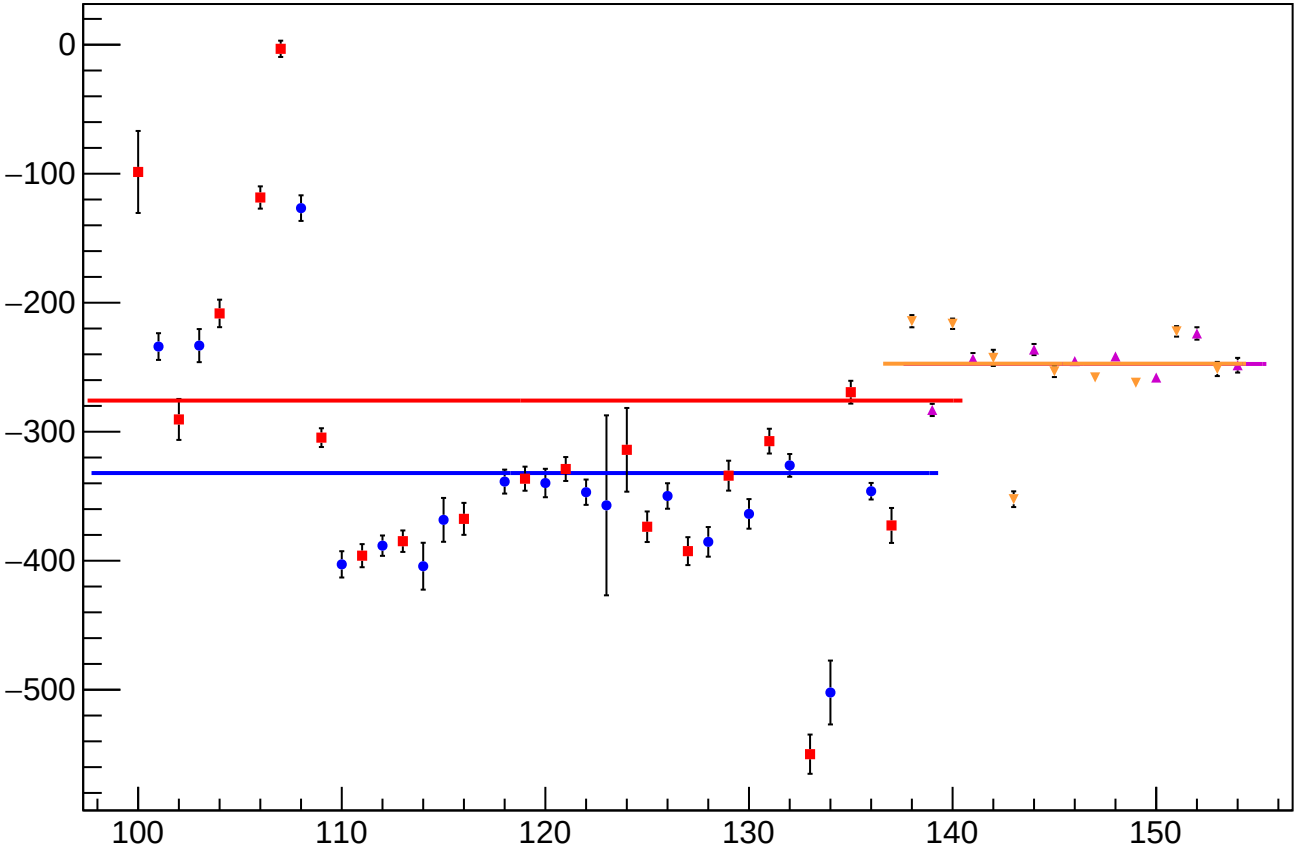
Left In: -4.951+/-1.020 χ^2/NDF:58.2/7

+ sign 5.469+/-0.798 χ^2/NDF: 797.1/25

All: 4.611+/-0.559 χ^2/NDF: 1463.2/52

- sign 3.779+/-0.785 χ^2/NDF: 663.9/26

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -247.268+/-1.506 χ^2/NDF:467.6/8

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

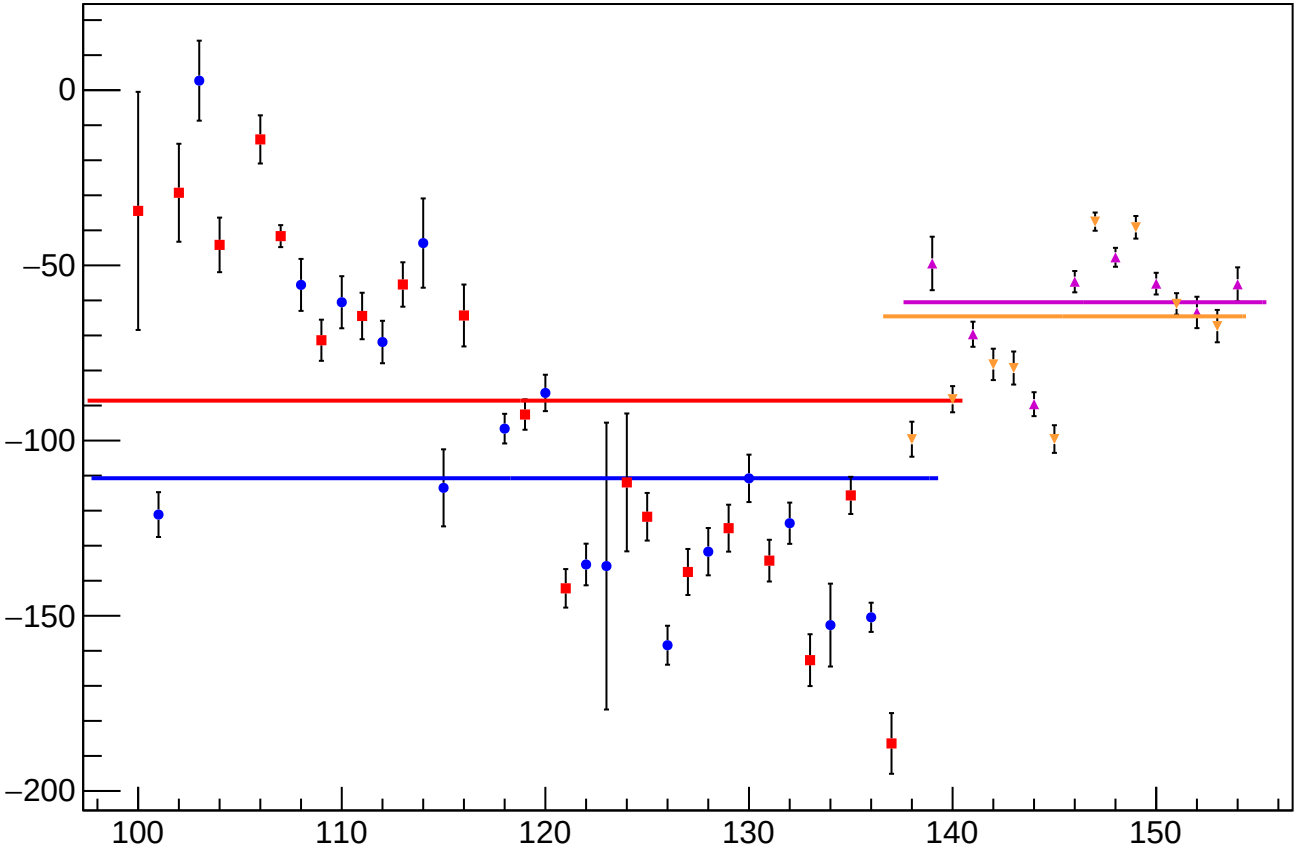
Left In: -247.477+/-1.519 χ^2/NDF:99.0/7

+ sign -269.034+/-1.298 χ^2/NDF: 2066.2/25

All: -262.366+/-0.908 χ^2/NDF: 5684.2/52

- sign -255.969+/-1.272 χ^2/NDF: 3566.3/26

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -64.548+/-1.224 χ^2/NDF:359.1/8

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

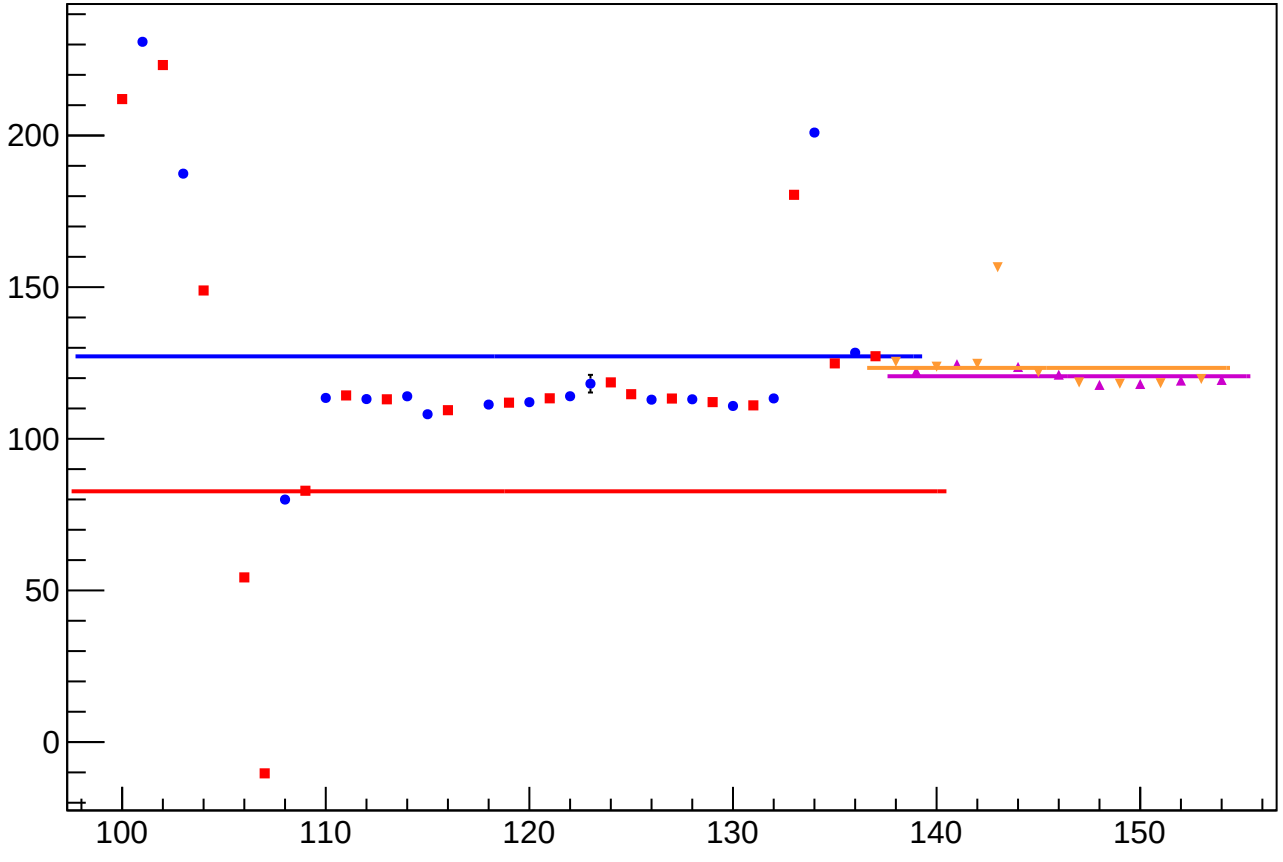
Left In: -60.518+/-1.267 χ^2/NDF:111.9/7

+ sign -81.899+/-0.967 χ^2/NDF: 1408.0/25

All: -77.282+/-0.678 χ^2/NDF: 2749.7/52

- sign -72.826+/-0.950 χ^2/NDF: 1296.9/26

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 123.376+/-0.063 χ^2/NDF:21458.4/8

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

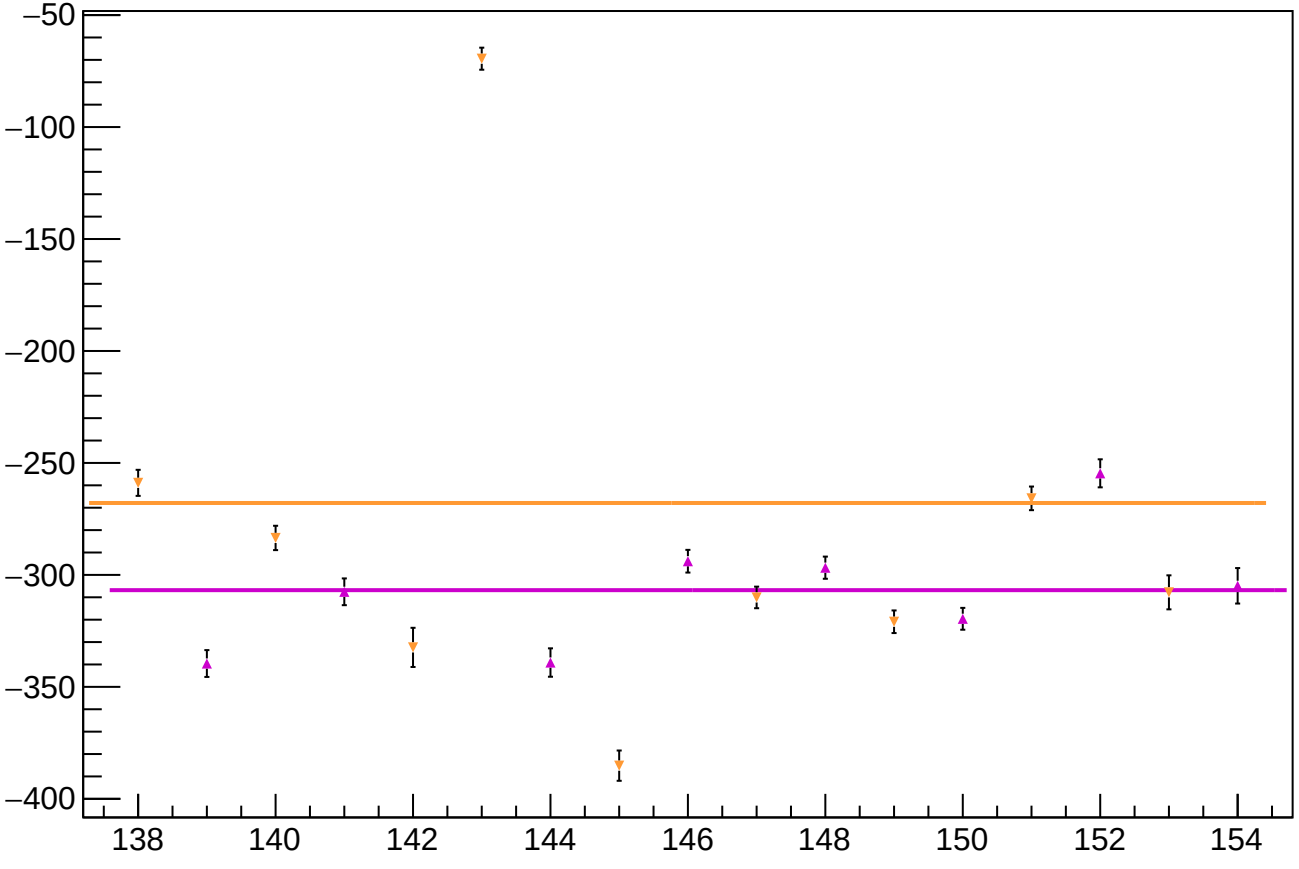
Left In: 120.624+/-0.062 χ^2/NDF:1532.9/7

+ sign 124.648+/-0.051 χ^2/NDF: 210723.9/25

All: 114.244+/-0.035 χ^2/NDF: 1204951.3/52

- sign 105.181+/-0.048 χ^2/NDF: 917780.0/26

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -267.884+/-1.907 χ^2/NDF:2204.4/8

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

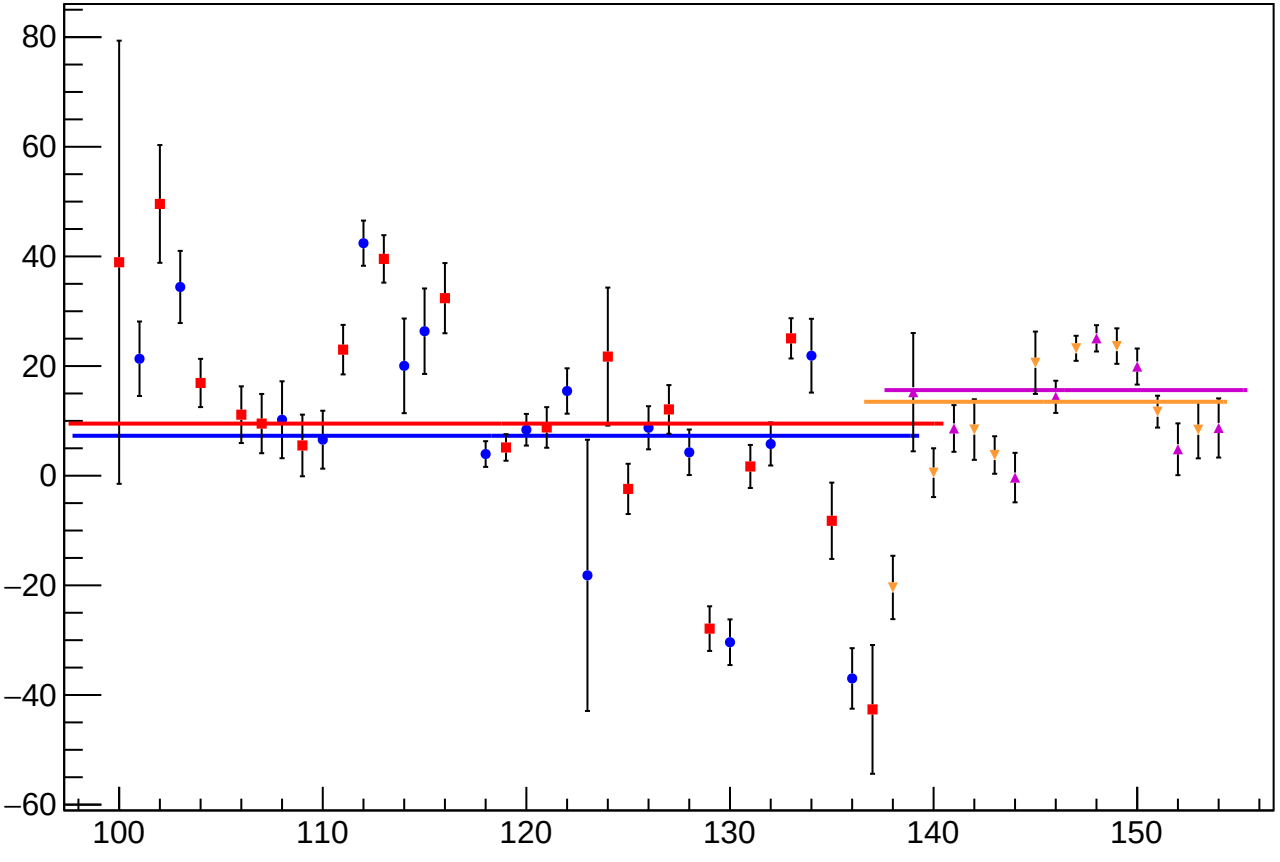
Left In: -306.813+/-2.025 χ^2/NDF:142.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -286.179+/-1.388 χ^2/NDF: 2543.2/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.284+/-1.084 χ^2/NDF: 261.0/16

Left Out: 13.487+/-1.220 χ^2/NDF:82.7/8

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

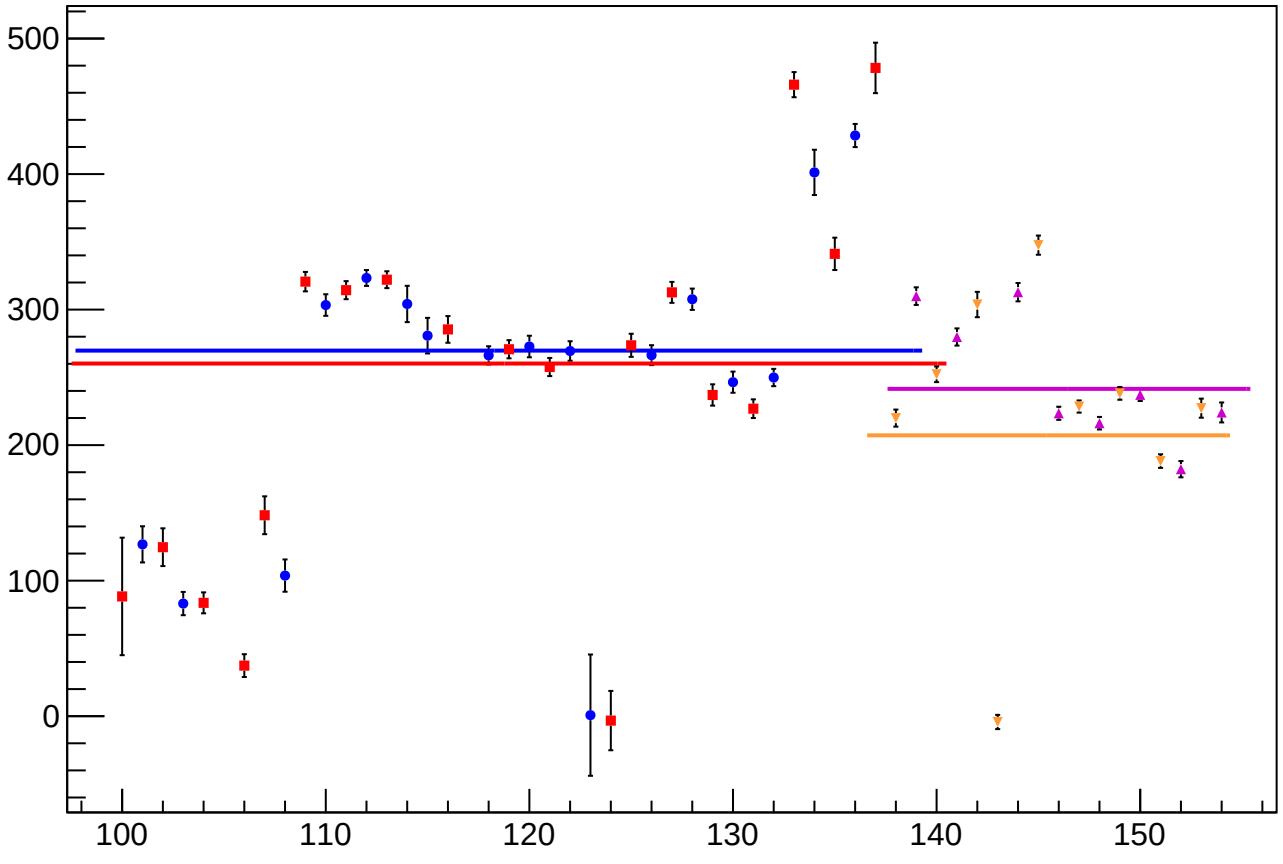
Left In: 15.614+/-1.320 χ^2/NDF:39.4/7

+ sign 10.019+/-0.810 χ^2/NDF: 358.2/25

All: 10.952+/-0.581 χ^2/NDF: 644.7/52

- sign 11.940+/-0.833 χ^2/NDF: 283.8/26

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 207.223+/-1.902 χ^2/NDF:2270.8/8

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

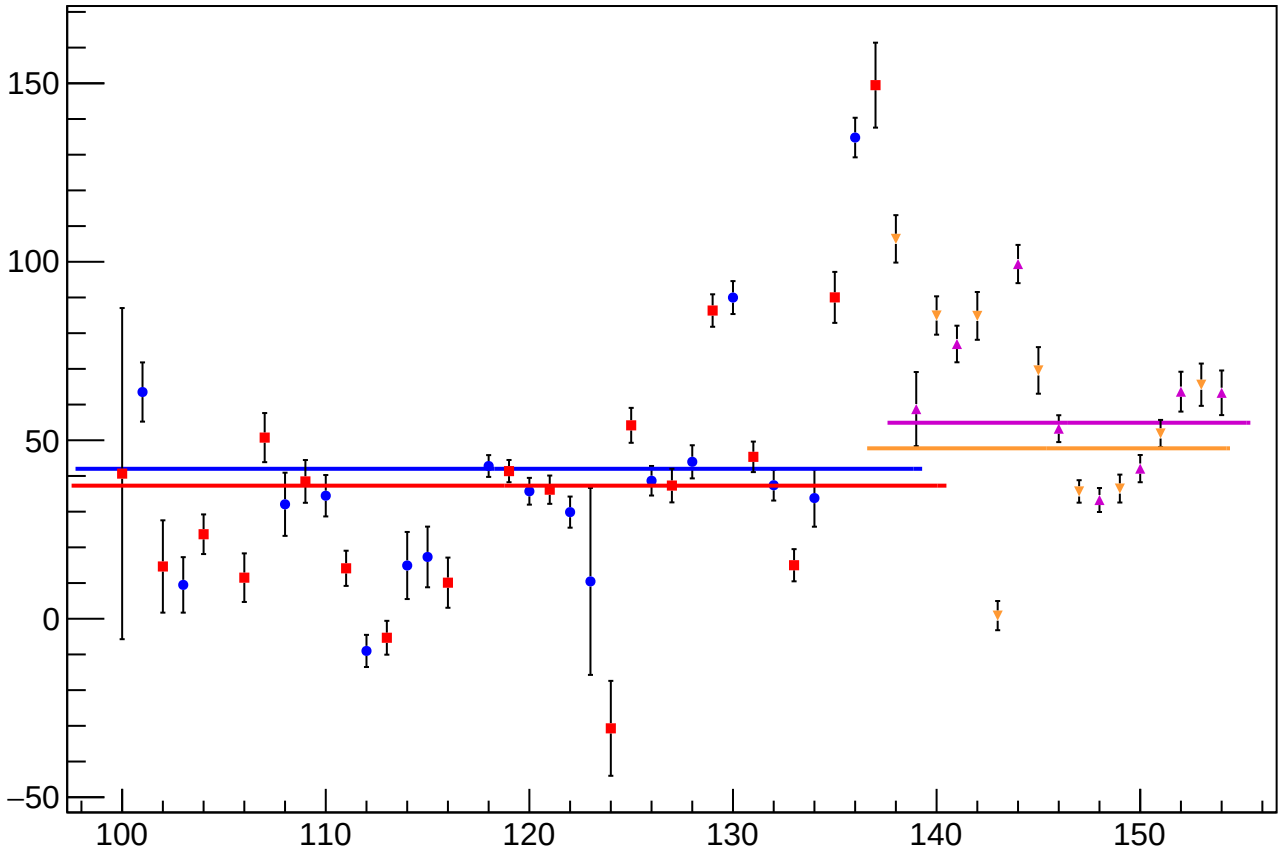
Left In: 241.507+/-1.985 χ^2/NDF:405.9/7

+ sign 235.821+/-1.401 χ^2/NDF: 4139.3/25

All: 243.355+/-0.991 χ^2/NDF: 7189.1/52

- sign 250.893+/-1.401 χ^2/NDF: 2992.0/26

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 47.742+/-1.530 χ^2/NDF:332.4/8

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

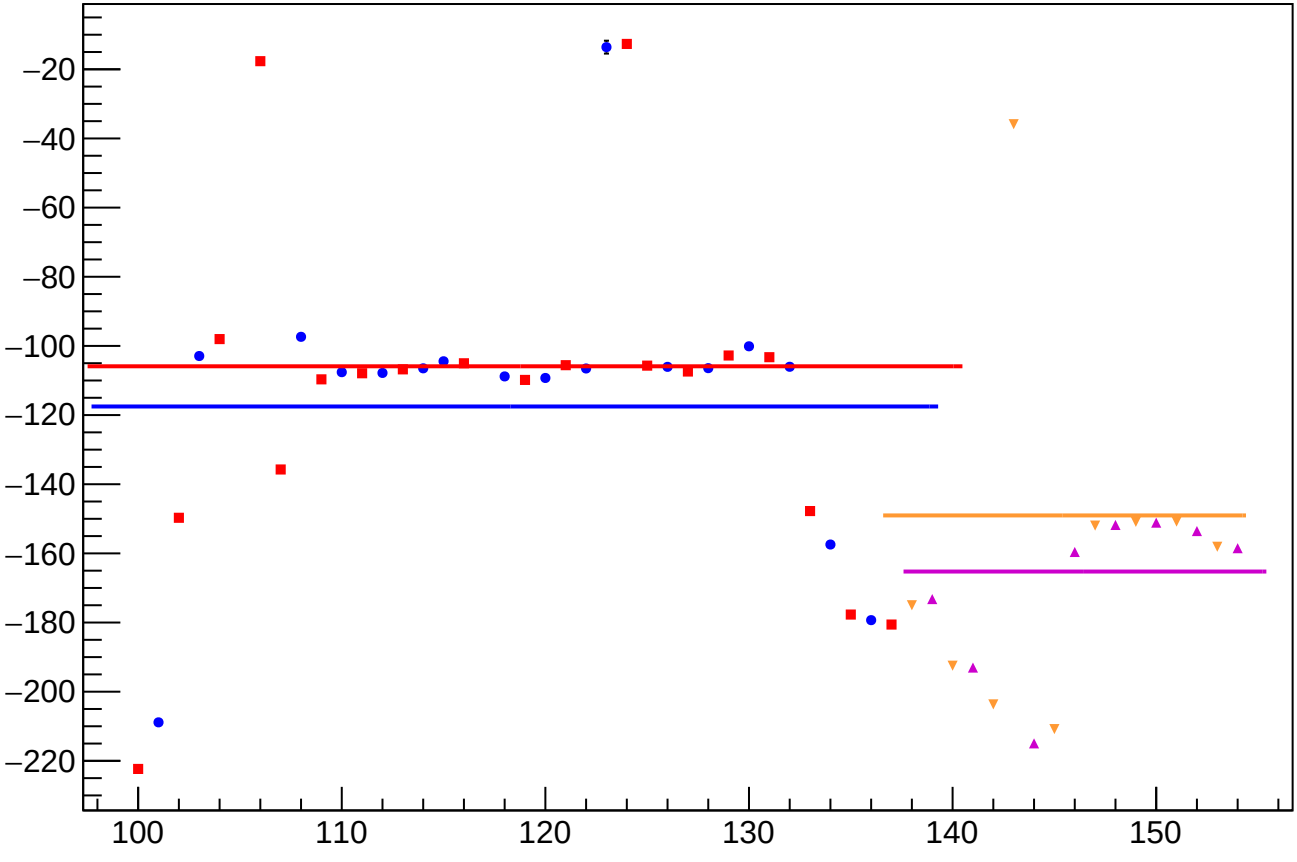
Left In: 54.908+/-1.649 χ^2/NDF:144.9/7

+ sign 44.315+/-0.970 χ^2/NDF: 916.3/25

All: 43.980+/-0.693 χ^2/NDF: 1607.2/52

- sign 43.633+/-0.990 χ^2/NDF: 690.6/26

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -149.024+/-0.080 χ^2/NDF:400914.8/8

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

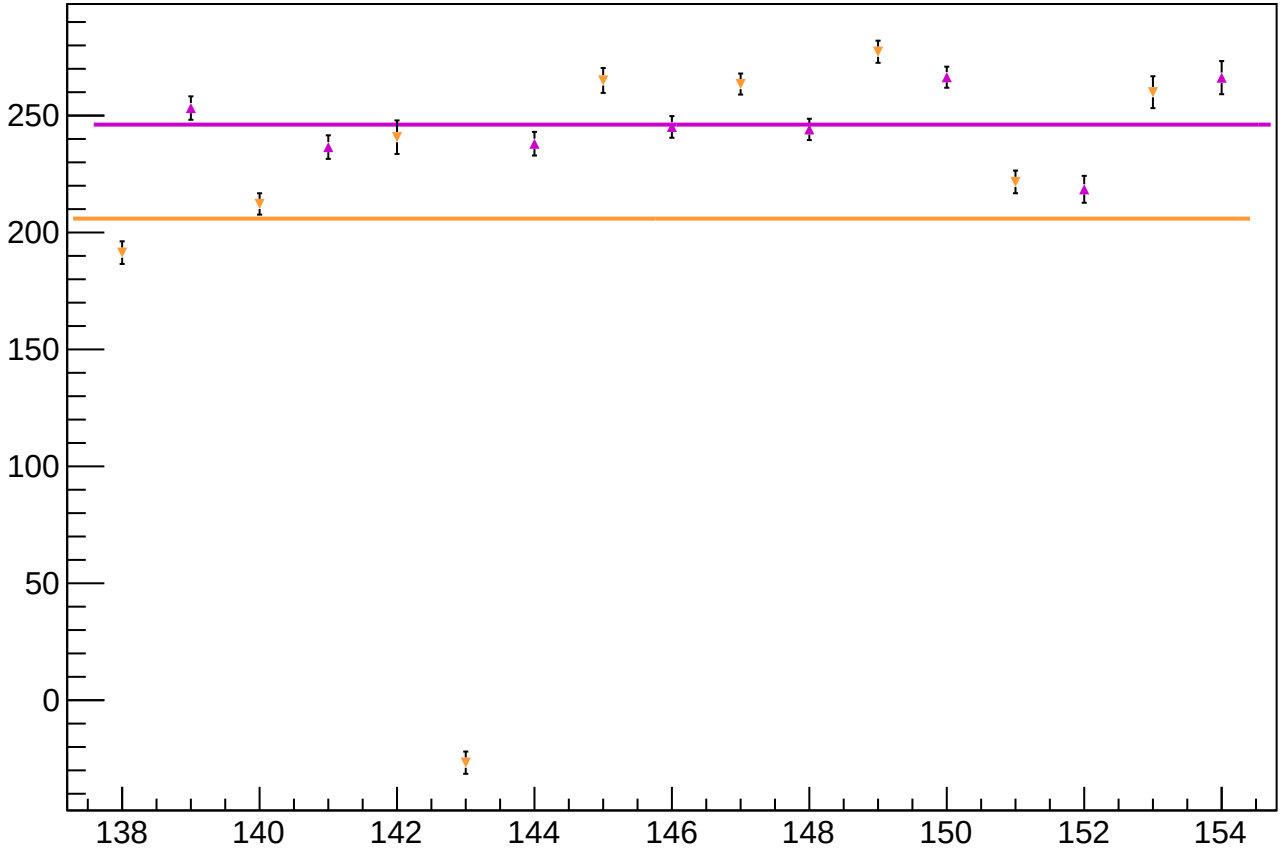
Left In: -165.252+/-0.082 χ^2/NDF:54490.8/7

+ sign -132.899+/-0.056 χ^2/NDF: 622593.1/25

All: -132.518+/-0.039 χ^2/NDF: 1295658.4/52

- sign -132.157+/-0.054 χ^2/NDF: 672974.7/26

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 205.946+/-1.697 χ^2/NDF:3016.0/8

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

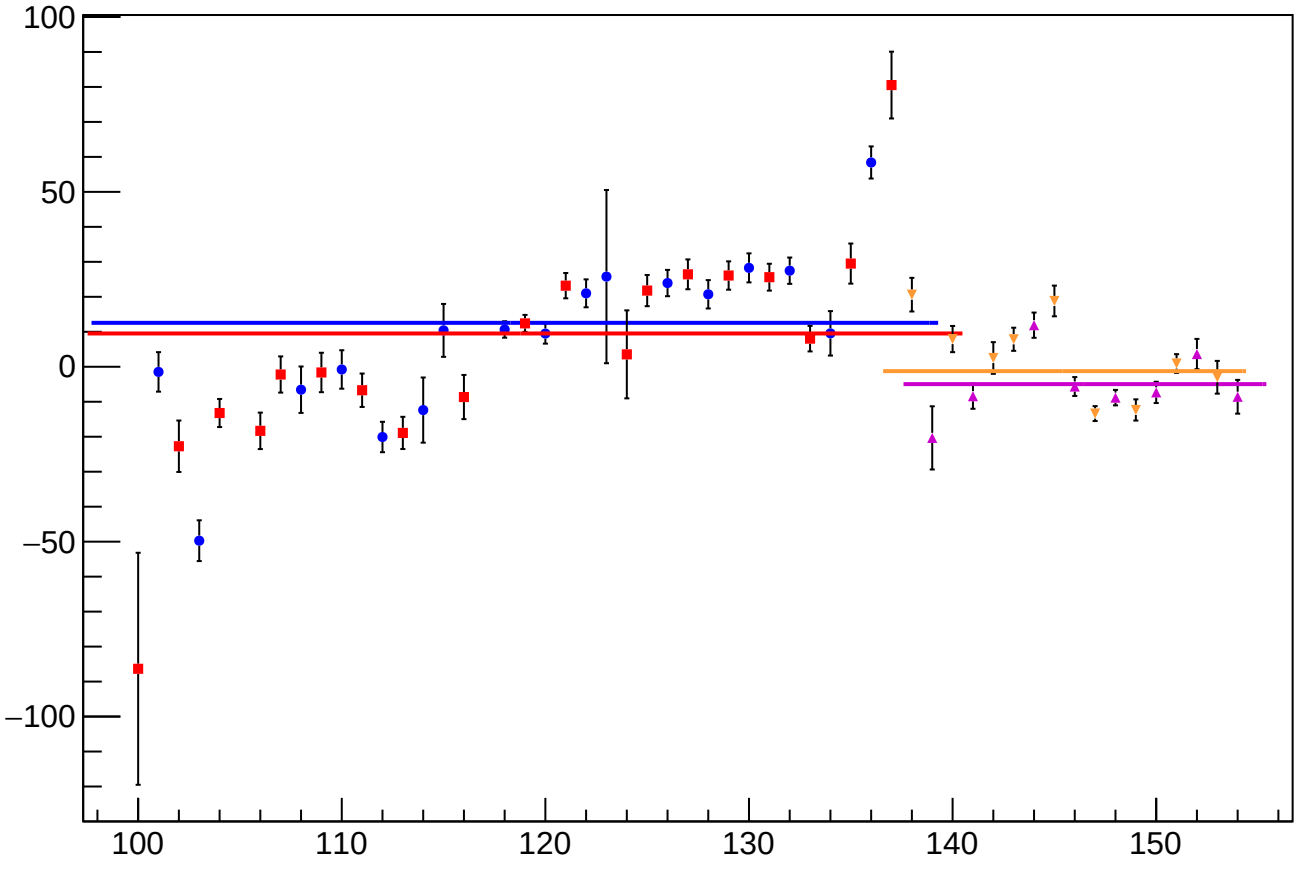
Left In: 246.141+/-1.789 χ^2/NDF:59.9/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 224.982+/-1.231 χ^2/NDF: 3341.6/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561+/-1.056 χ^2/NDF: 347.7/16

Left Out: -1.245+/-1.104 χ^2/NDF:102.4/8

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

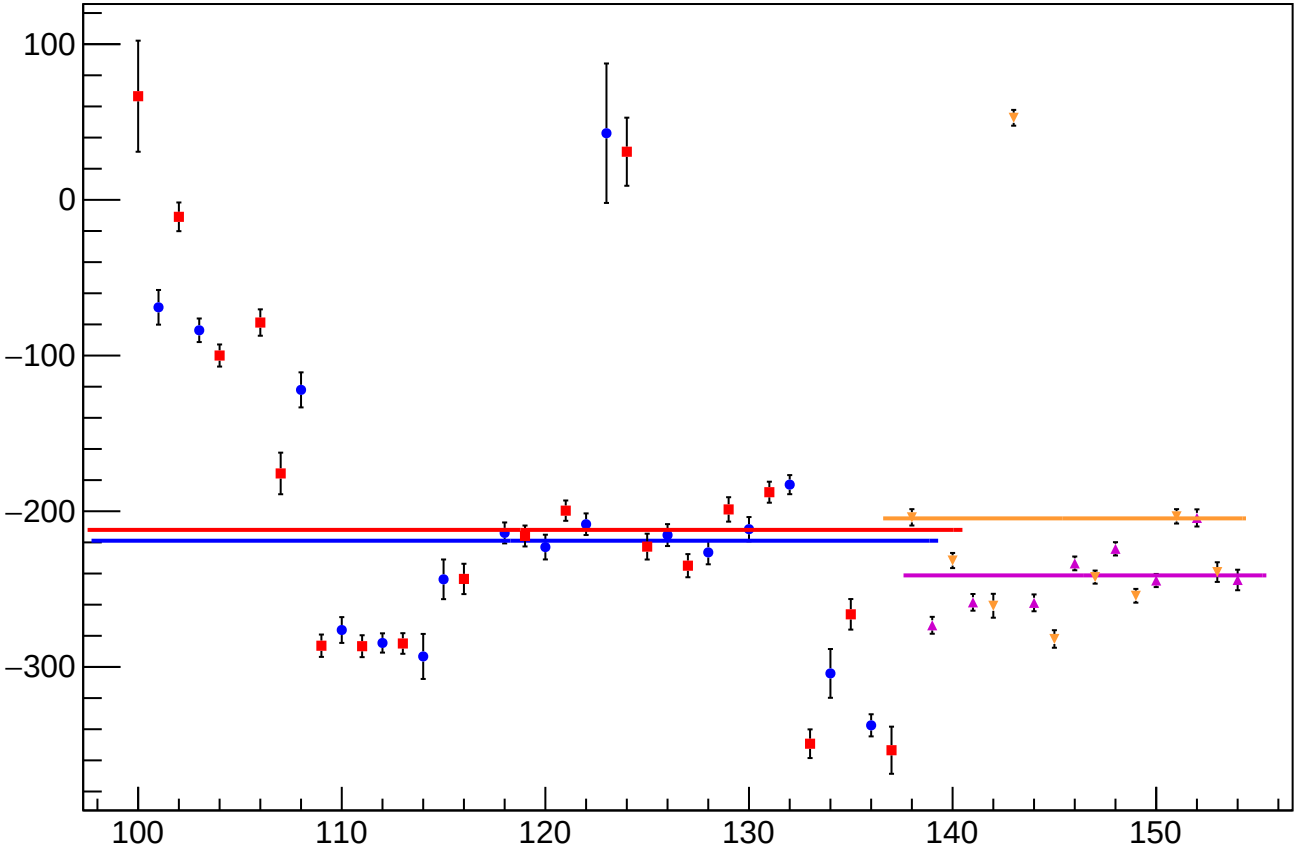
Left In: -4.961+/-1.184 χ^2/NDF:33.9/7

+ sign 5.967+/-0.763 χ^2/NDF: 531.8/25

All: 4.596+/-0.547 χ^2/NDF: 952.3/52

- sign 3.142+/-0.786 χ^2/NDF: 413.8/26

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -204.581+/-1.702 χ^2/NDF:3079.8/8

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

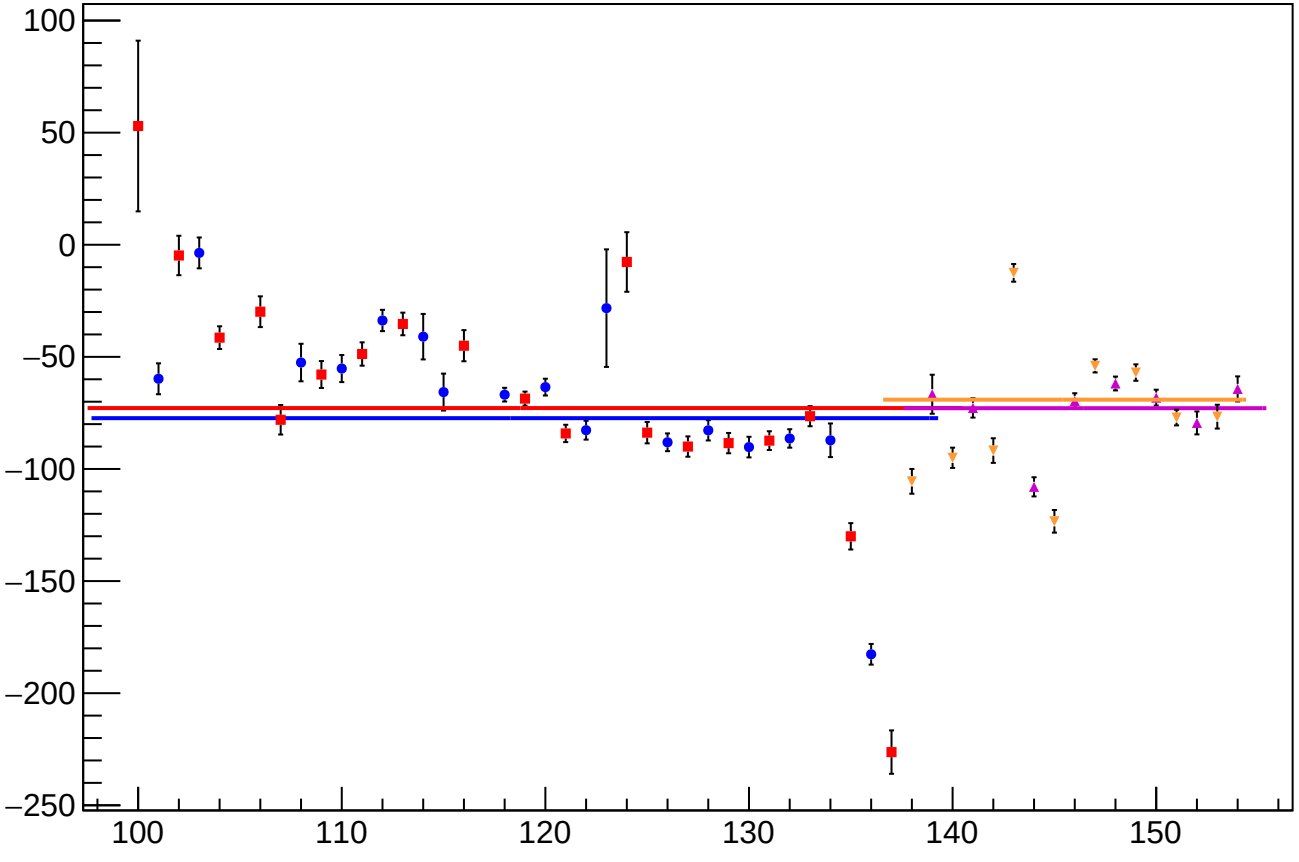
Left In: -241.197+/-1.764 χ^2/NDF:120.6/7

+ sign -210.583+/-1.298 χ^2/NDF: 4256.1/25

All: -219.196+/-0.919 χ^2/NDF: 6476.6/52

- sign -227.848+/-1.301 χ^2/NDF: 2132.2/26

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -69.095+/-1.379 χ^2/NDF:458.2/8

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

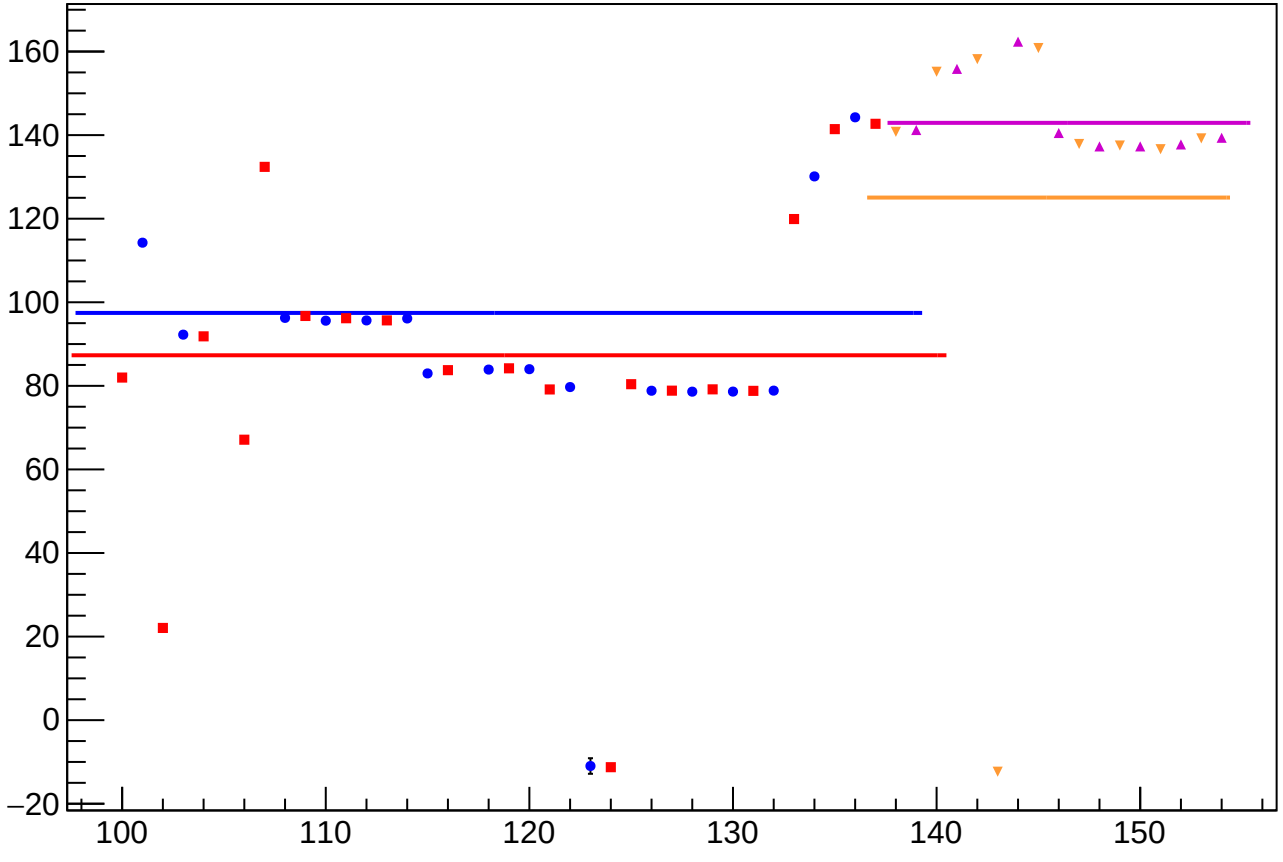
Left In: -72.896+/-1.474 χ^2/NDF:87.1/7

+ sign -73.722+/-0.913 χ^2/NDF: 1295.5/25

All: -73.301+/-0.653 χ^2/NDF: 2056.0/52

- sign -72.860+/-0.934 χ^2/NDF: 760.0/26

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 125.055+/-0.071 χ^2/NDF:536569.3/8

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

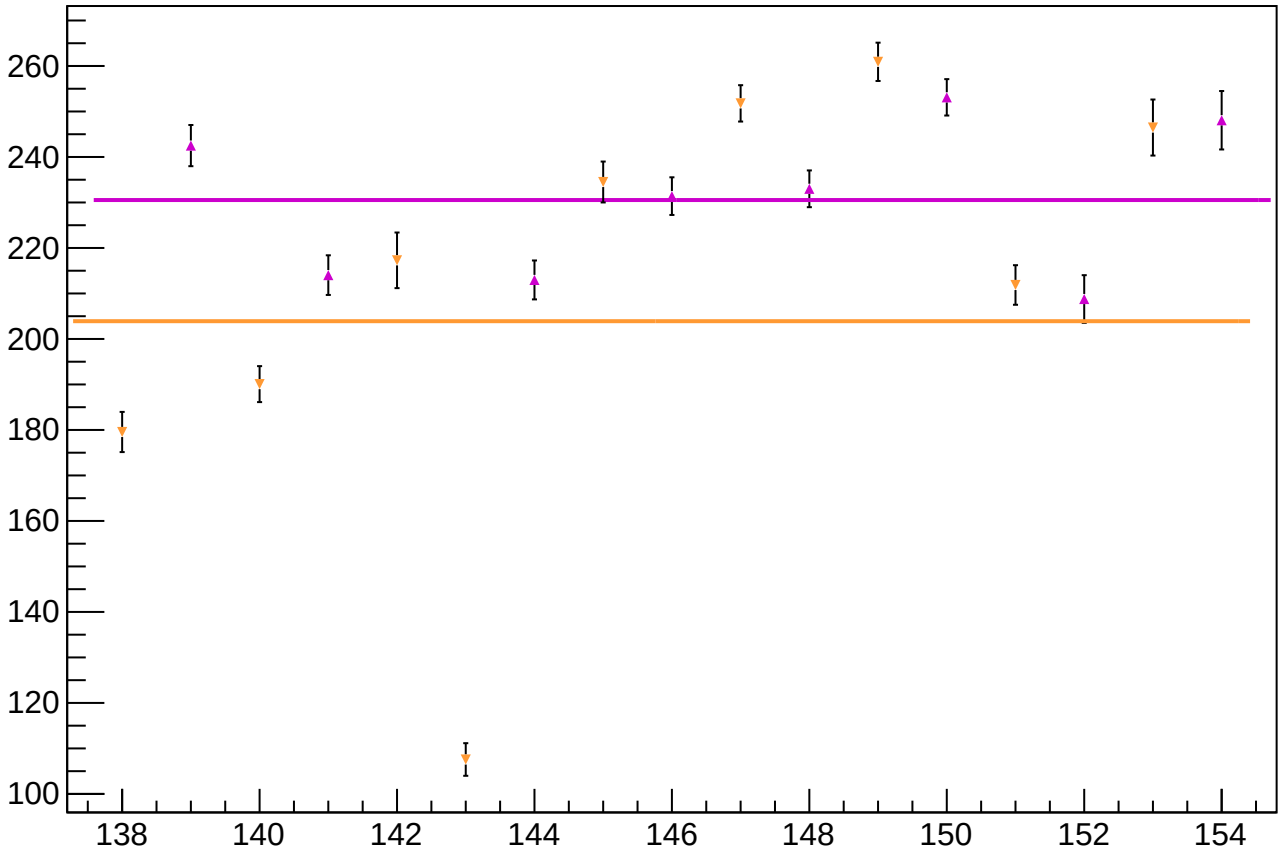
Left In: 142.933+/-0.072 χ^2/NDF:13252.1/7

+ sign 111.647+/-0.051 χ^2/NDF: 704044.9/25

All: 112.588+/-0.036 χ^2/NDF: 1252262.1/52

- sign 113.477+/-0.050 χ^2/NDF: 547557.2/26

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: 203.906+/-1.462 χ^2/NDF:1193.9/8

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

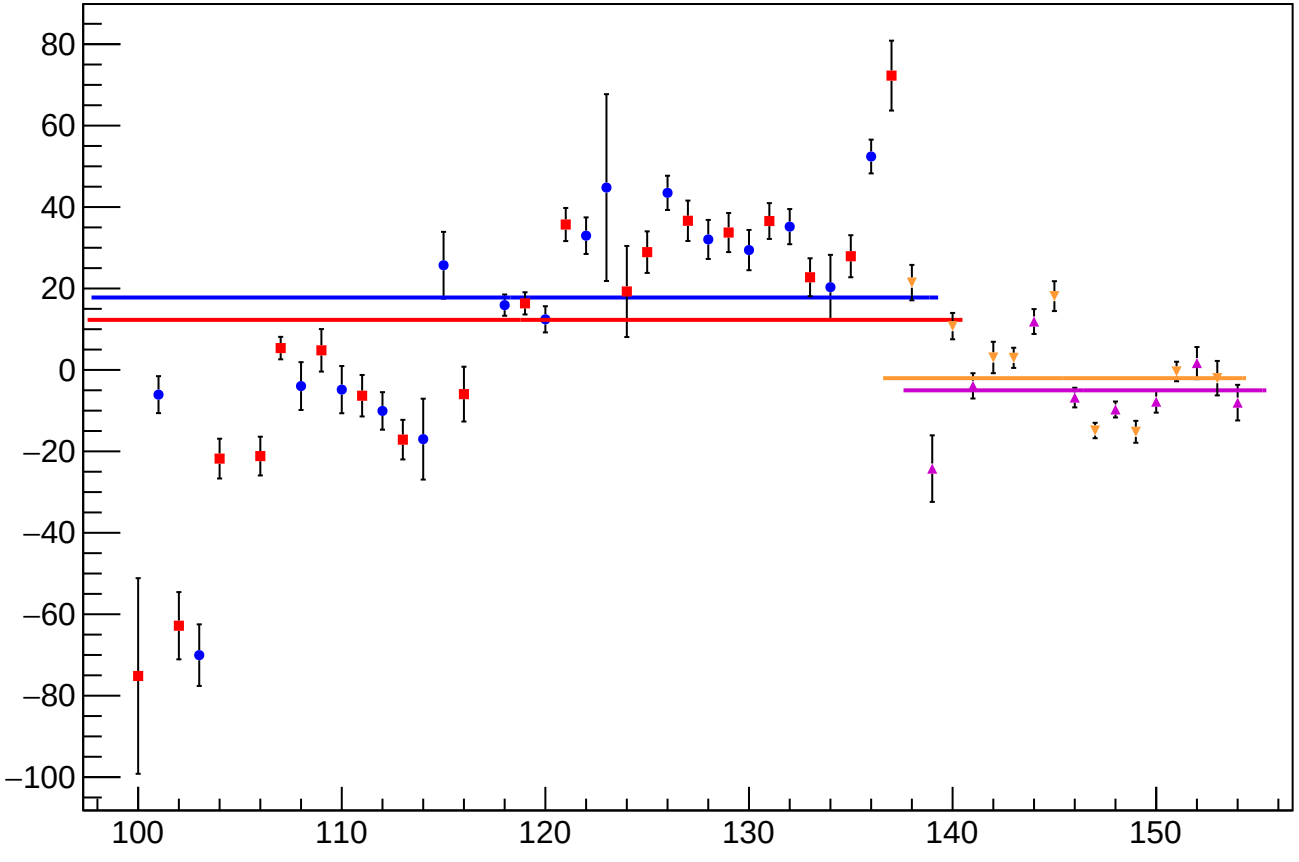
Left In: 230.535+/-1.583 χ^2/NDF:95.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 216.167+/-1.074 χ^2/NDF: 1441.7/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.786+/-1.146 χ^2/NDF: 395.1/16

Left Out: -2.024+/-0.954 χ^2/NDF:151.0/8

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

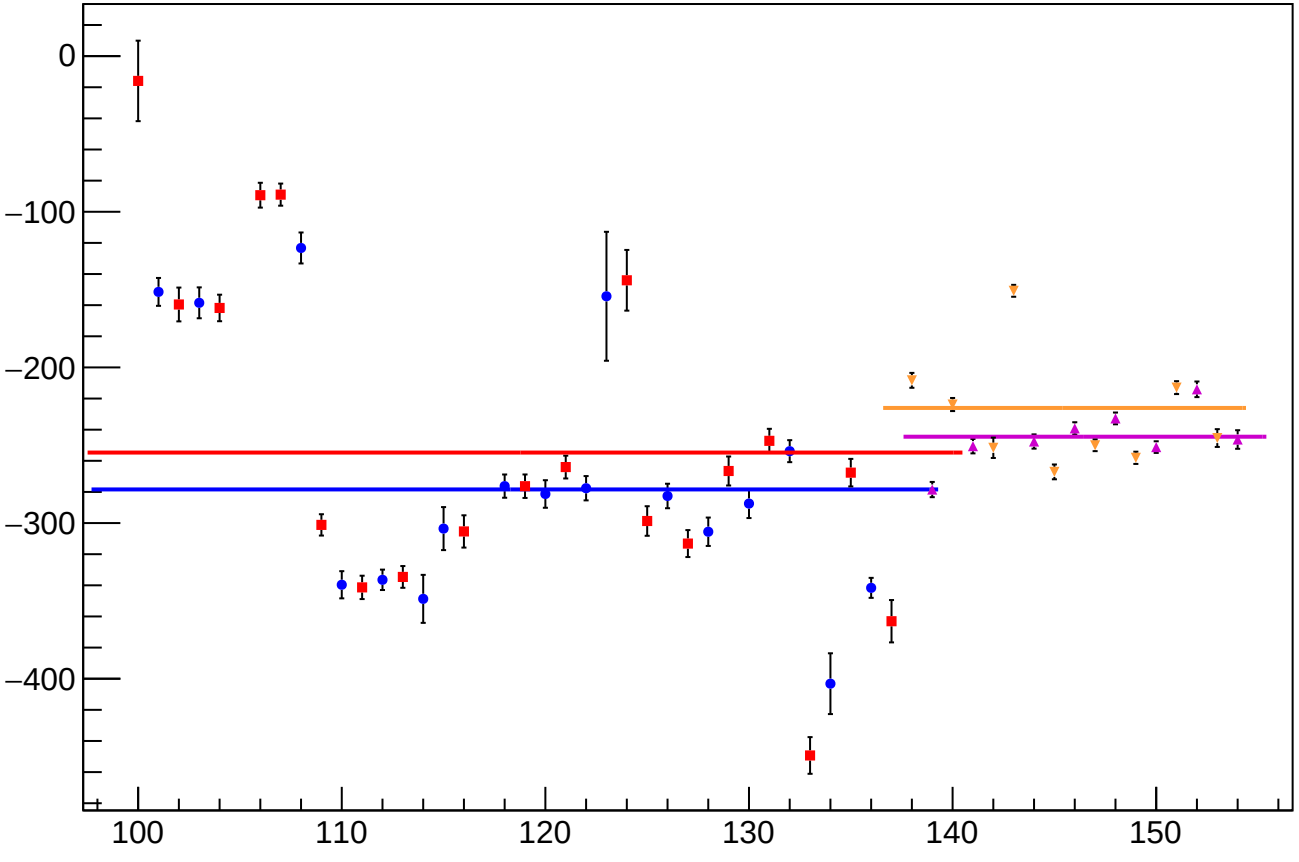
Left In: -5.013+/-1.047 χ^2/NDF:47.0/7

+ sign 6.080+/-0.733 χ^2/NDF: 722.6/25

All: 4.739+/-0.526 χ^2/NDF: 1351.9/52

- sign 3.322+/-0.754 χ^2/NDF: 622.4/26

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: -226.035+/-1.473 χ^2/NDF:619.7/8

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

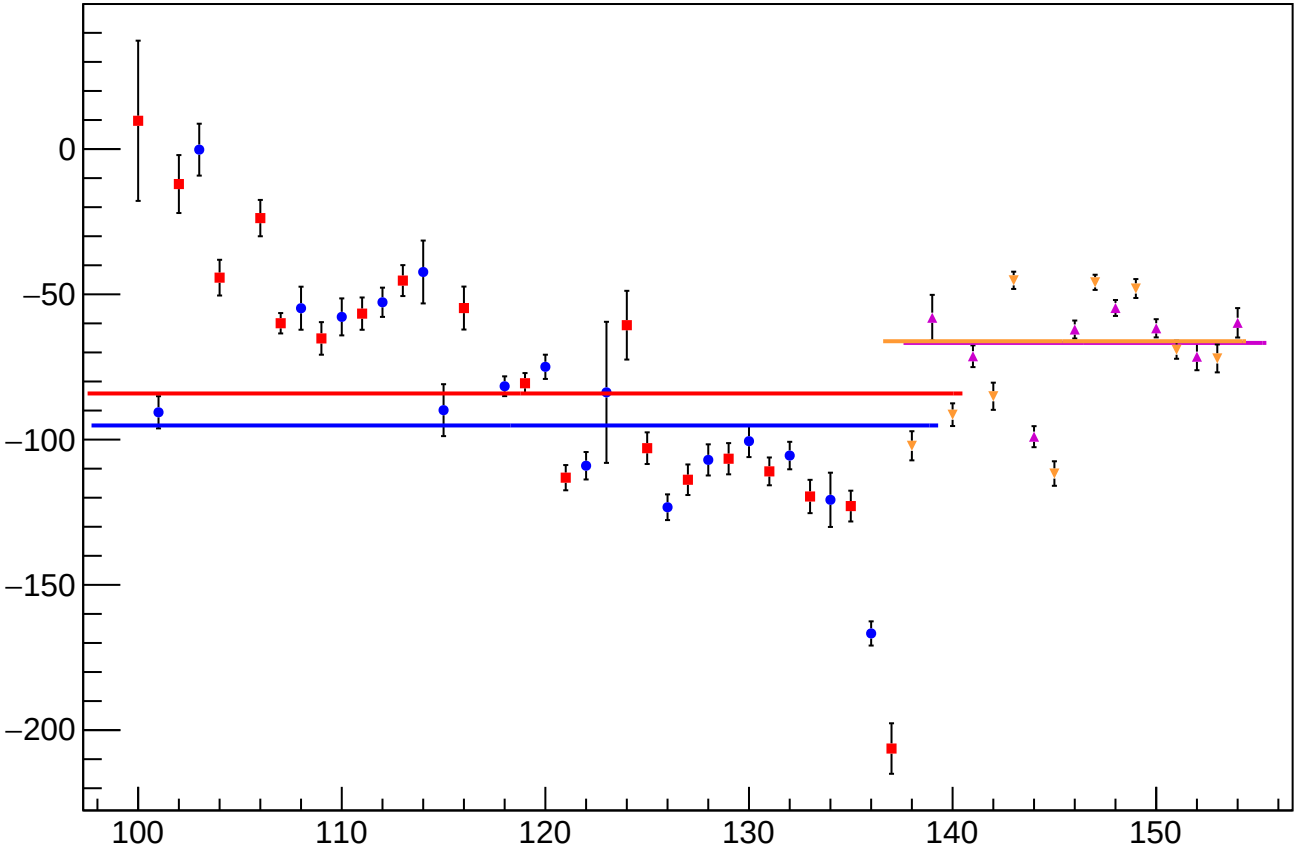
Left In: -244.518+/-1.564 χ^2/NDF:101.8/7

+ sign -242.571+/-1.218 χ^2/NDF: 1929.4/25

All: -245.410+/-0.868 χ^2/NDF: 4096.6/52

- sign -248.335+/-1.237 χ^2/NDF: 2156.2/26

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: -66.143+/-1.189 χ^2/NDF:369.7/8

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

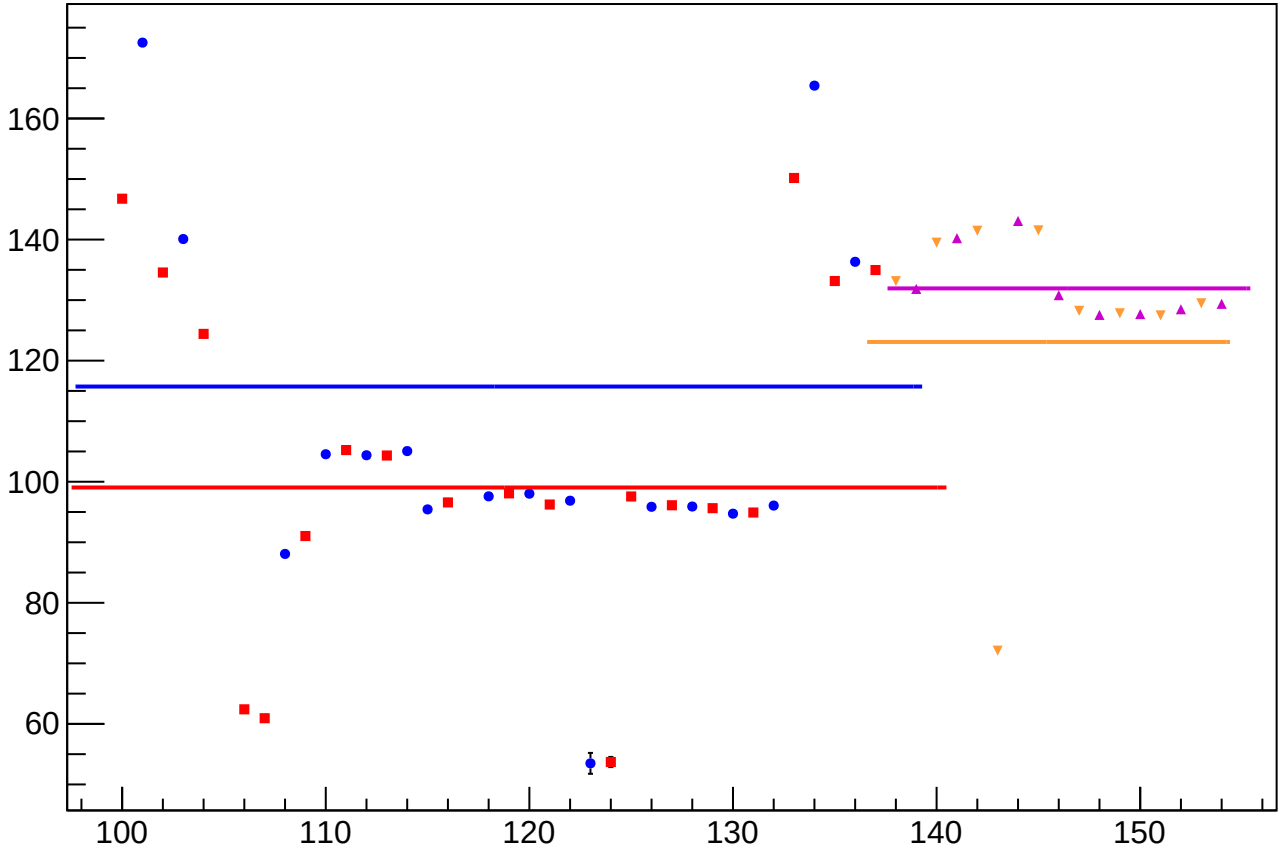
Left In: -66.722+/-1.303 χ^2/NDF:109.2/7

+ sign -79.101+/-0.884 χ^2/NDF: 1310.4/25

All: -77.451+/-0.632 χ^2/NDF: 2302.0/52

- sign -75.721+/-0.905 χ^2/NDF: 984.4/26

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: 123.090+/-0.062 χ^2/NDF:138980.7/8

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

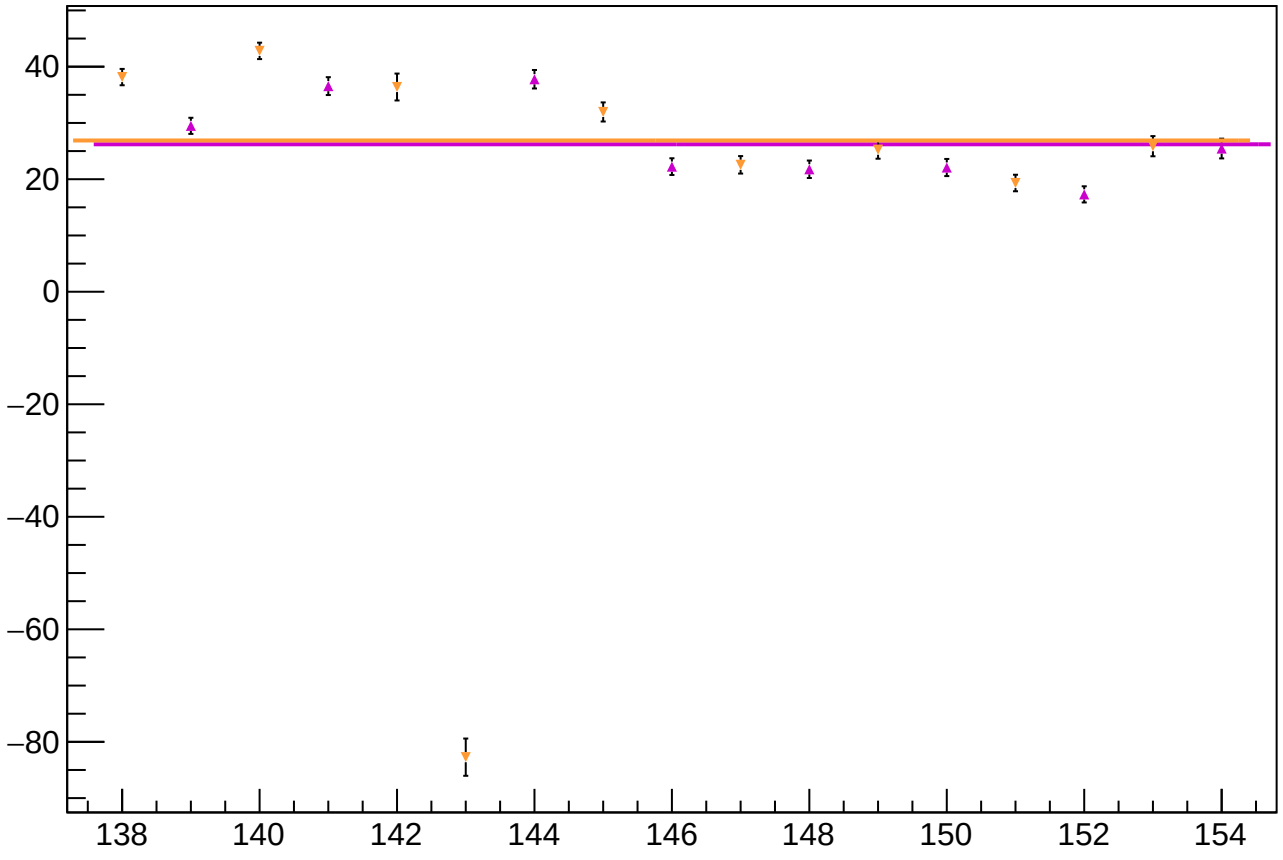
Left In: 131.934+/-0.064 χ^2/NDF:6988.2/7

+ sign 120.262+/-0.048 χ^2/NDF: 250867.4/25

All: 118.342+/-0.034 χ^2/NDF: 556906.3/52

- sign 116.533+/-0.047 χ^2/NDF: 302970.2/26

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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

Left Out: 26.885+/-0.565 χ^2/NDF:1335.9/8

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

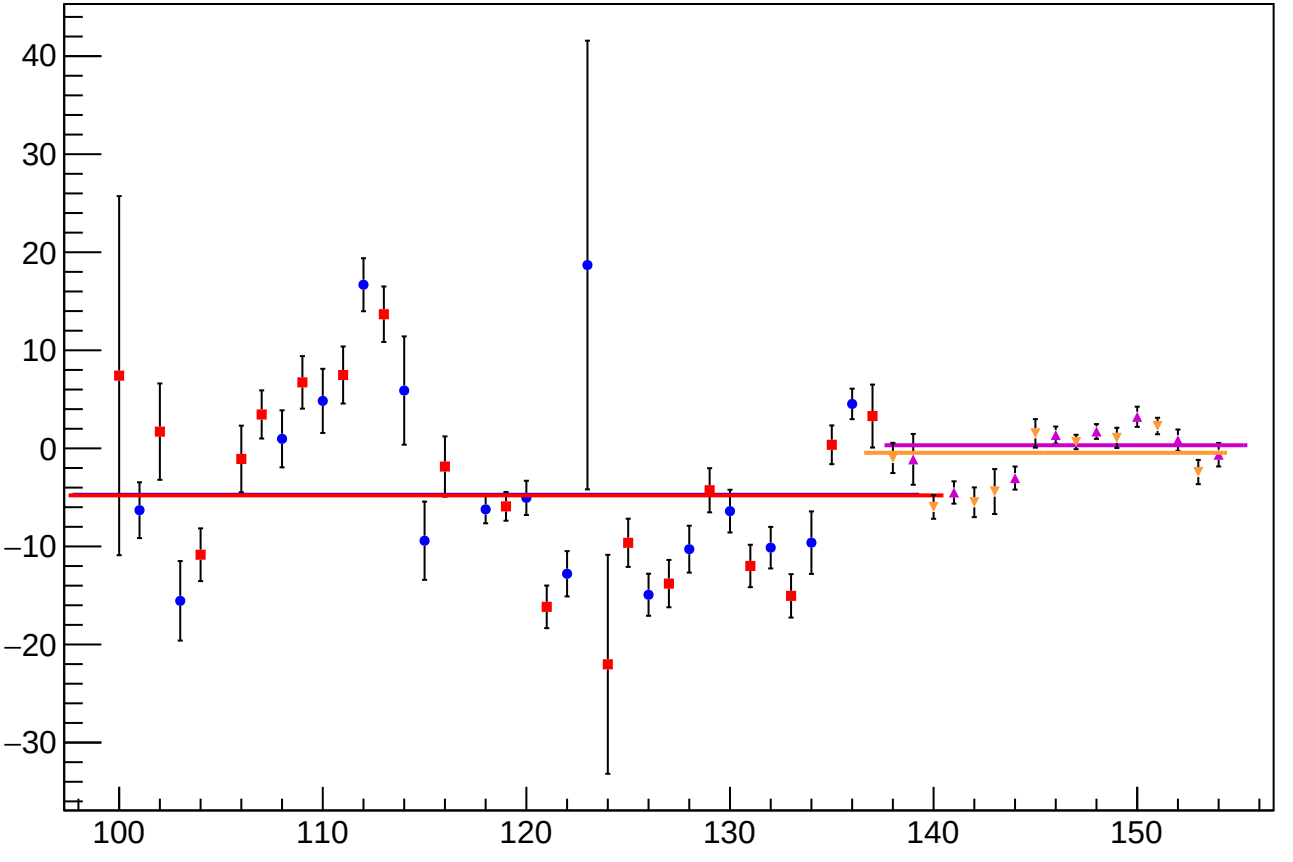
Left In: 26.207+/-0.545 χ^2/NDF:158.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 26.534+/-0.392 χ^2/NDF: 1495.1/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730+/-0.580 χ^2/NDF: 174.8/16

Left Out: -0.451+/-0.376 χ^2/NDF:54.6/8

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

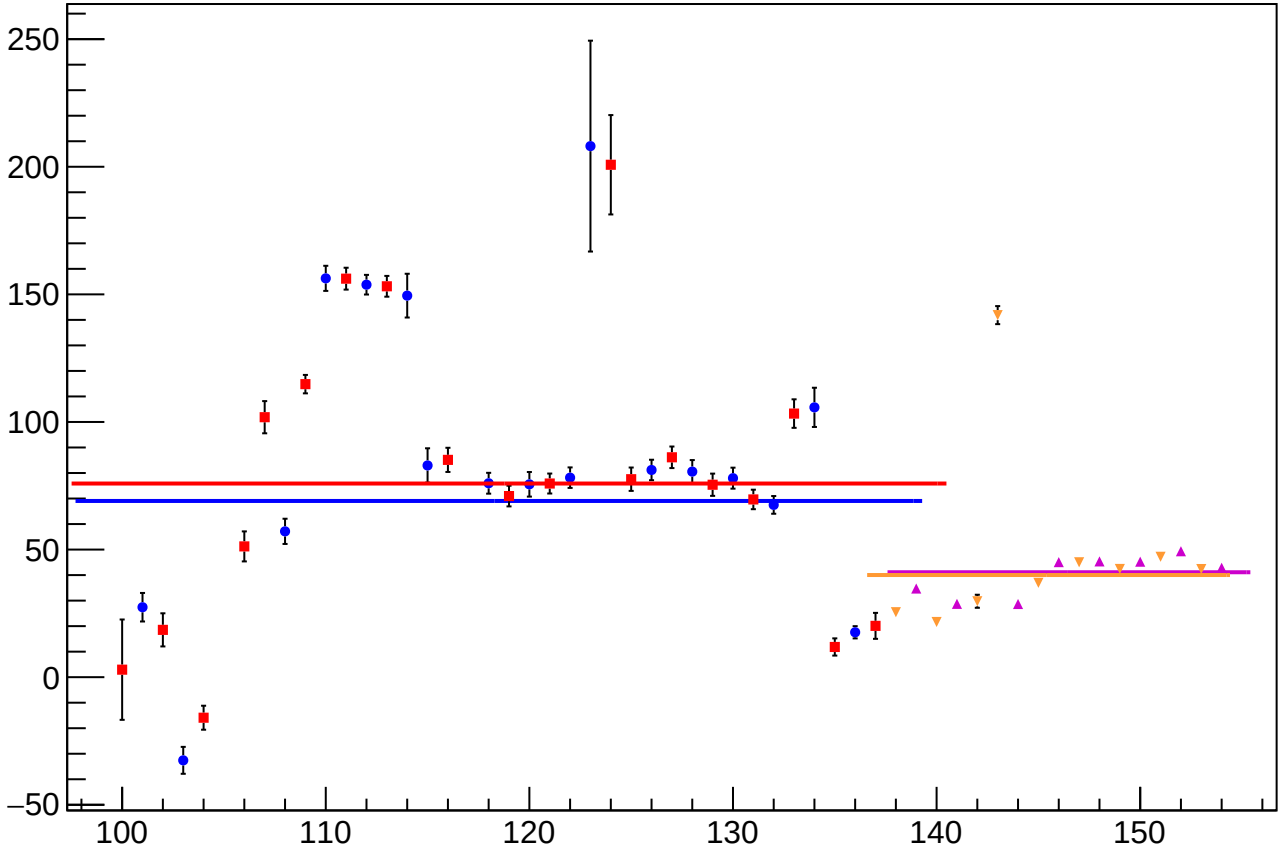
Left In: 0.318+/-0.372 χ^2/NDF:40.1/7

+ sign -1.720+/-0.316 χ^2/NDF: 267.8/25

All: -1.435+/-0.223 χ^2/NDF: 557.2/52

- sign -1.152+/-0.314 χ^2/NDF: 287.8/26

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: 40.028+/-0.563 χ^2/NDF:1117.6/8

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

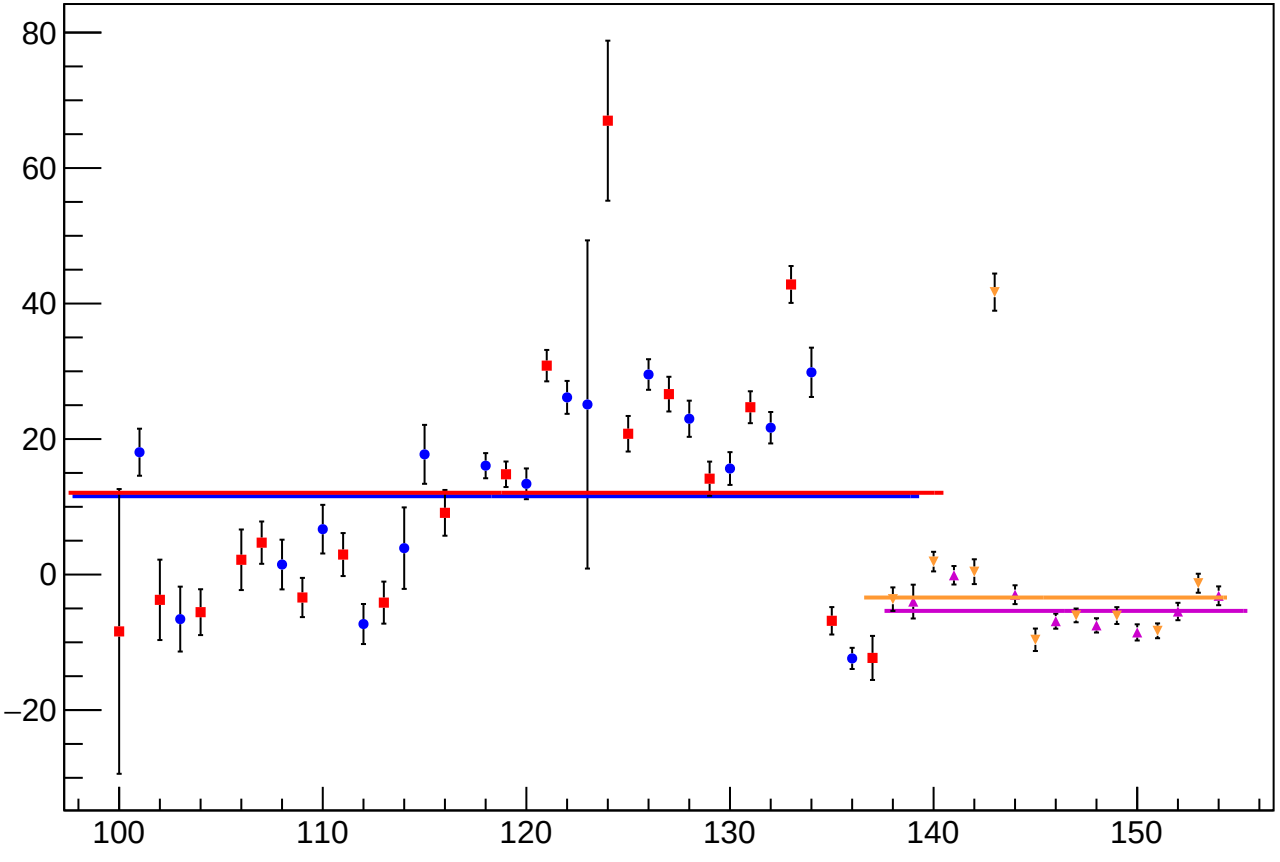
Left In: 41.115+/-0.538 χ^2/NDF:182.6/7

+ sign 46.259+/-0.499 χ^2/NDF: 3536.0/25

All: 47.231+/-0.346 χ^2/NDF: 6464.2/52

- sign 48.133+/-0.481 χ^2/NDF: 2920.8/26

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565+/-0.658 χ^2/NDF: 478.2/16

Left Out: -3.388+/-0.468 χ^2/NDF:335.8/8

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

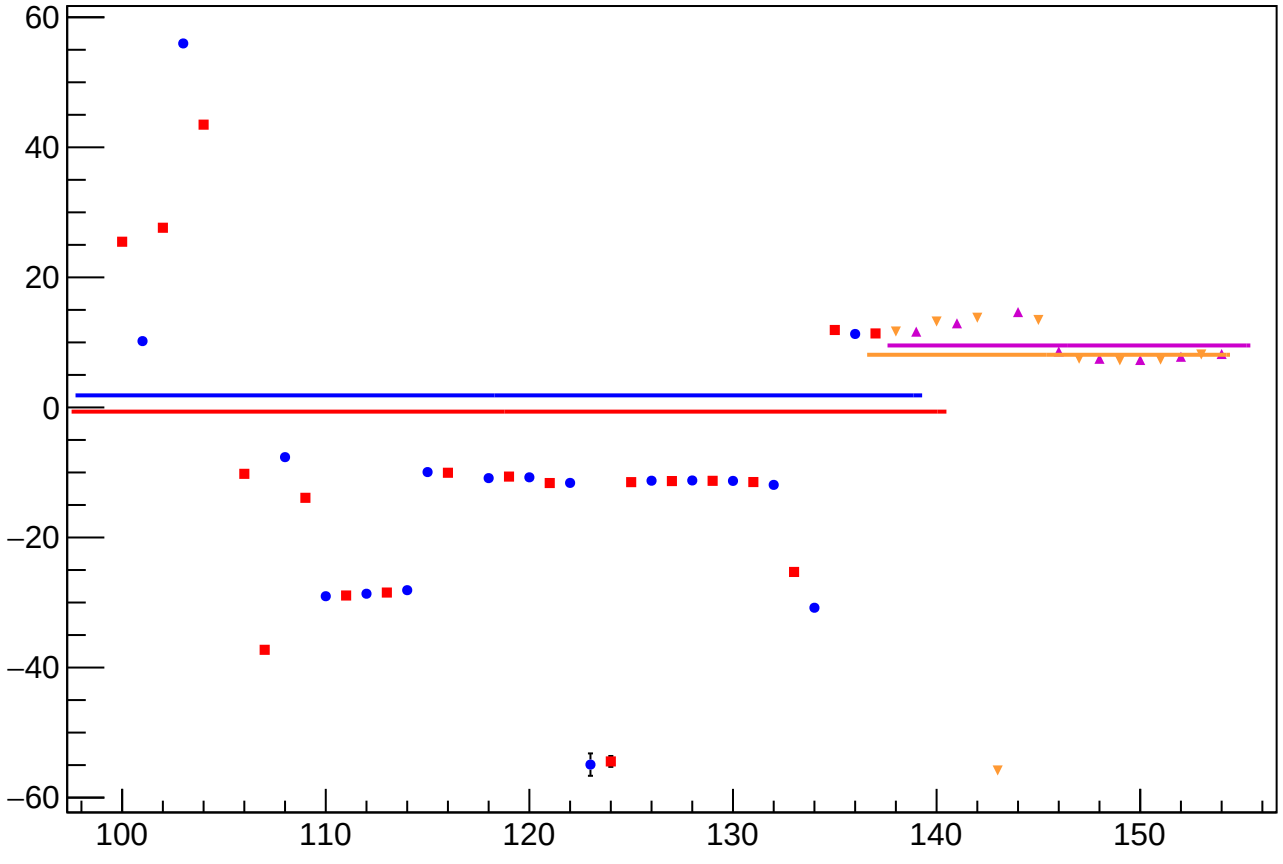
Left In: -5.362+/-0.459 χ^2/NDF:33.7/7

+ sign 1.632+/-0.381 χ^2/NDF: 1156.8/25

All: 0.941+/-0.268 χ^2/NDF: 2206.5/52

- sign 0.265+/-0.378 χ^2/NDF: 1043.2/26

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.855+/-0.037 χ^2/NDF: 359414.1/16

Left Out: 8.099+/-0.023 χ^2/NDF:222423.0/8

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

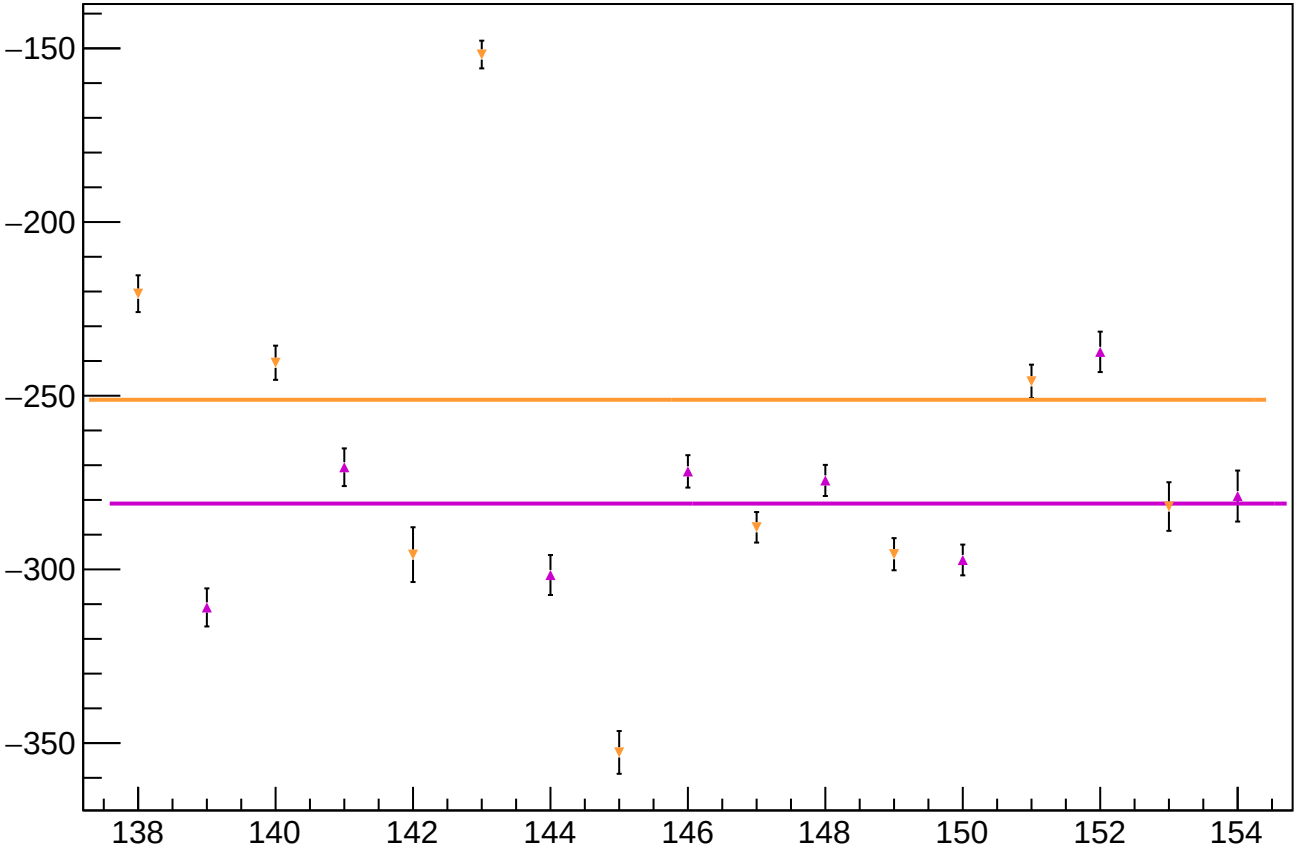
Left In: 9.530+/-0.022 χ^2/NDF:12643.2/7

+ sign 6.326+/-0.020 χ^2/NDF: 602231.7/25

All: 6.639+/-0.014 χ^2/NDF: 1033054.6/52

- sign 6.922+/-0.019 χ^2/NDF: 430343.1/26

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: -251.162+/-1.704 χ^2/NDF:1145.3/8

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

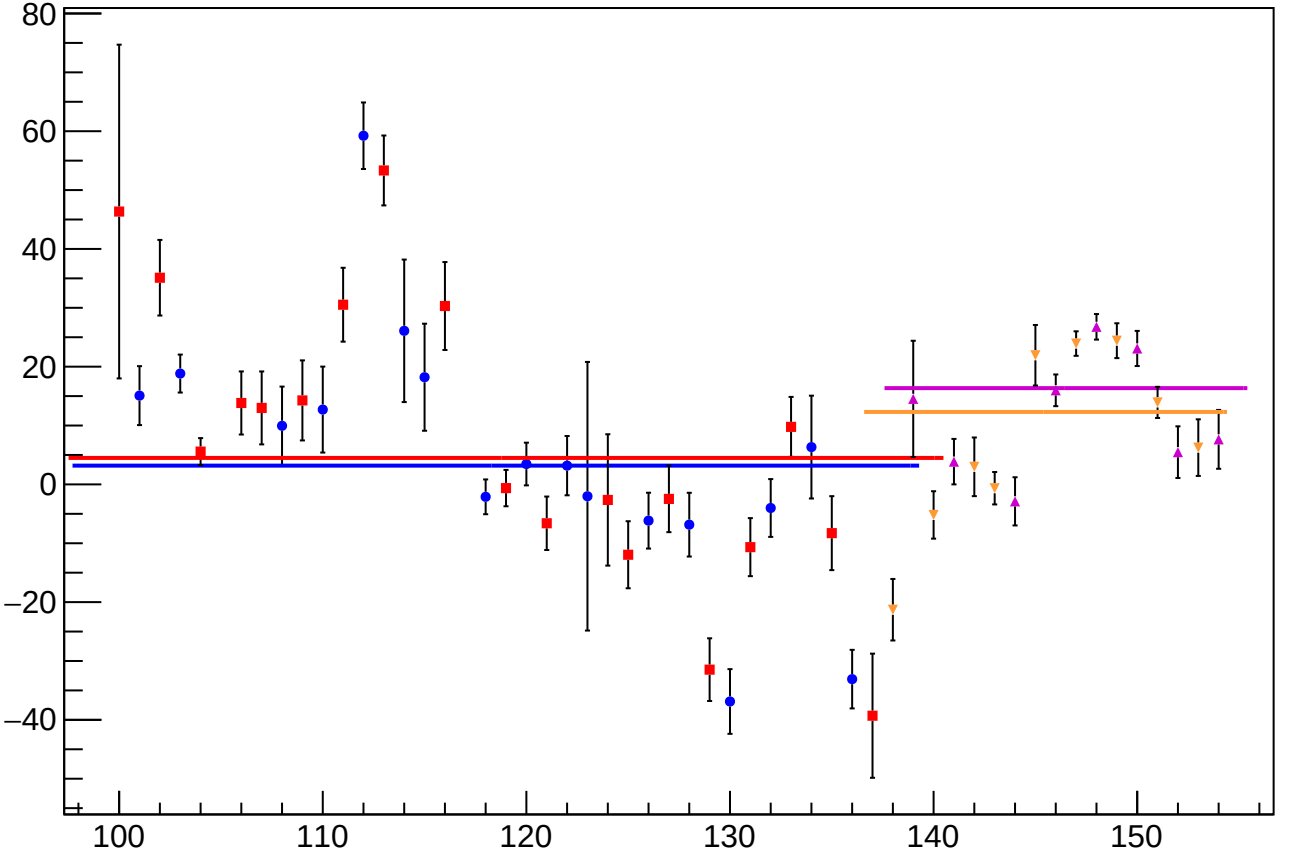
Left In: -281.049+/-1.849 χ^2/NDF:122.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -264.884+/-1.253 χ^2/NDF: 1408.9/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.188+/-1.225 χ^2/NDF: 255.6/16

Left Out: 12.308+/-1.092 χ^2/NDF:139.2/8

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

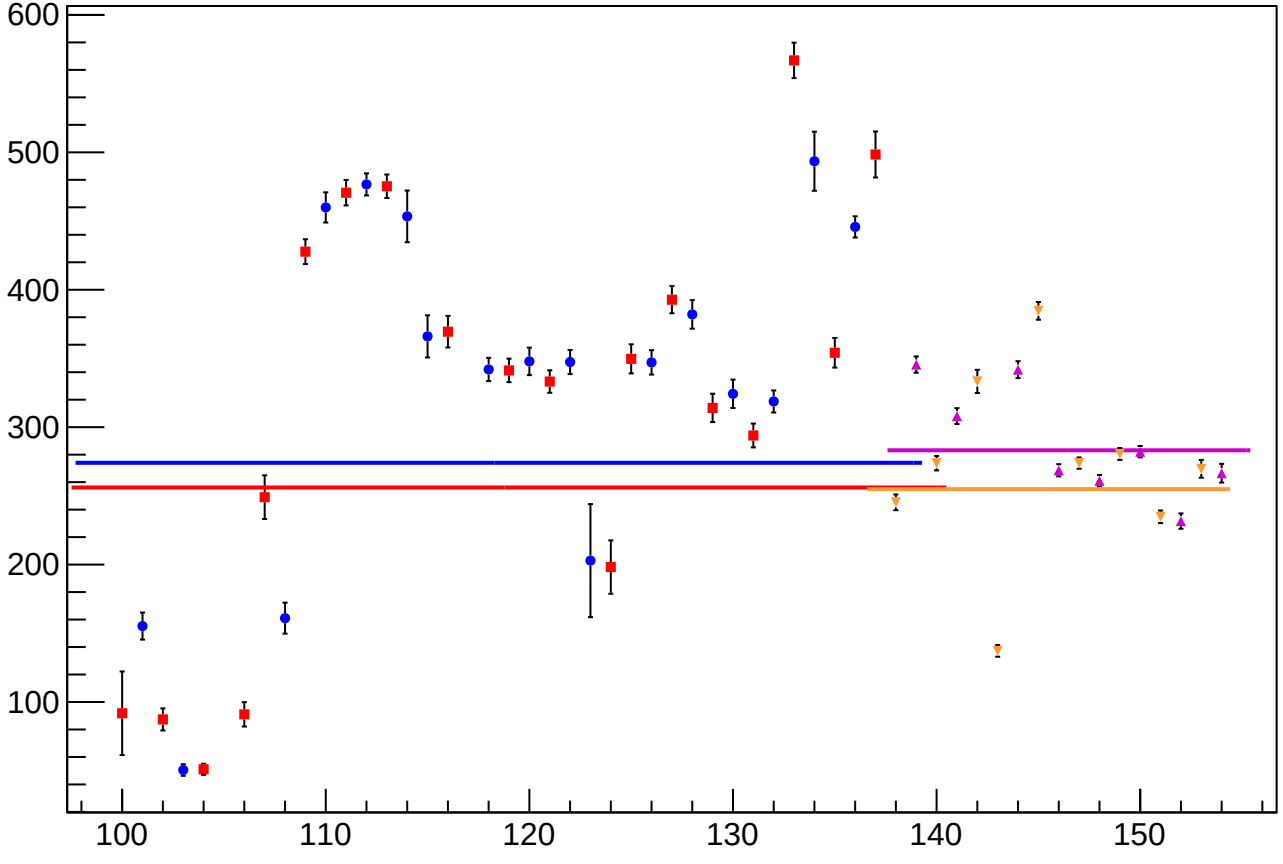
Left In: 16.354+/-1.203 χ^2/NDF:69.9/7

+ sign 8.273+/-0.815 χ^2/NDF: 425.7/25

All: 9.218+/-0.583 χ^2/NDF: 774.2/52

- sign 10.210+/-0.835 χ^2/NDF: 345.7/26

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: 254.916+/-1.704 χ^2/NDF:1350.8/8

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

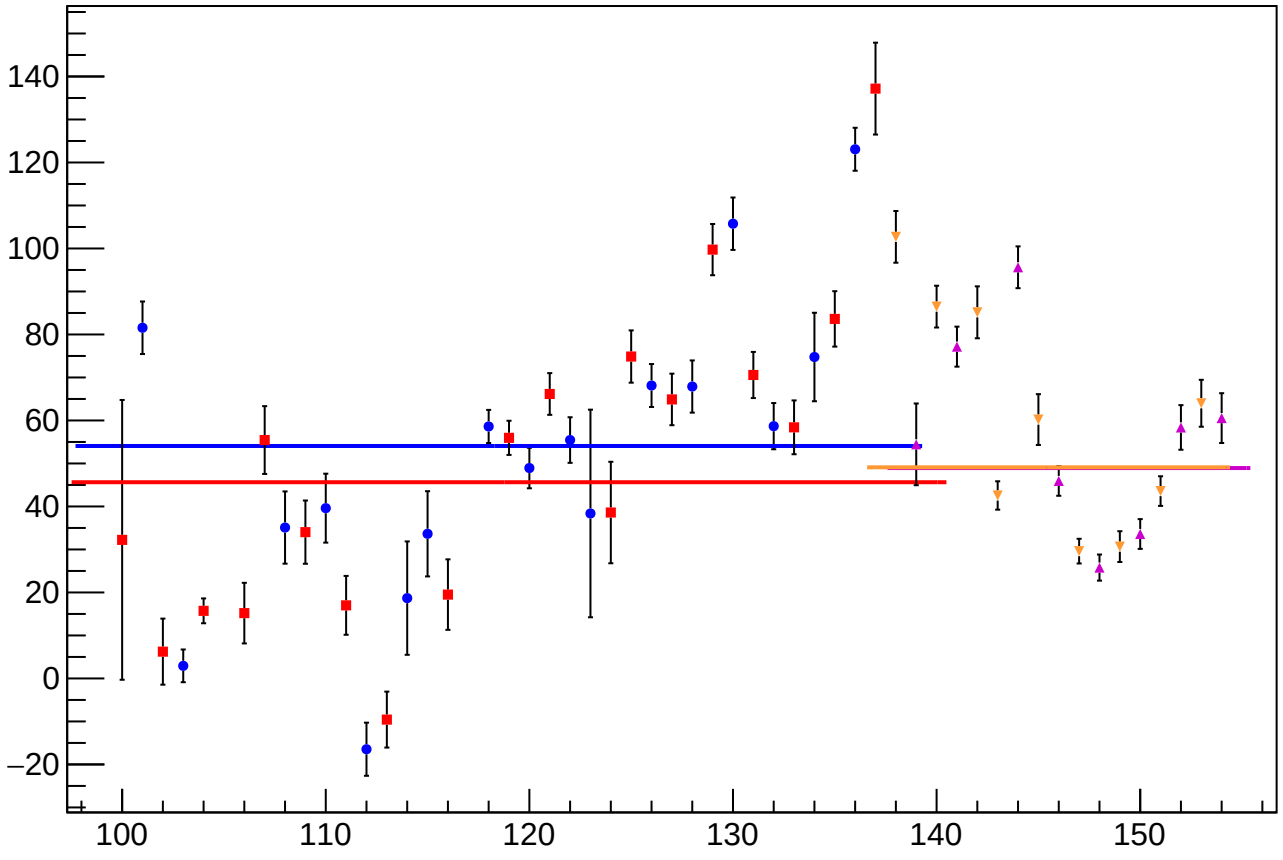
Left In: 283.172+/-1.814 χ^2/NDF:350.4/7

+ sign 262.140+/-1.345 χ^2/NDF: 6510.5/25

All: 266.738+/-0.959 χ^2/NDF: 13424.8/52

- sign 271.485+/-1.367 χ^2/NDF: 6890.6/26

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: 49.103+/-1.367 χ^2/NDF:264.3/8

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

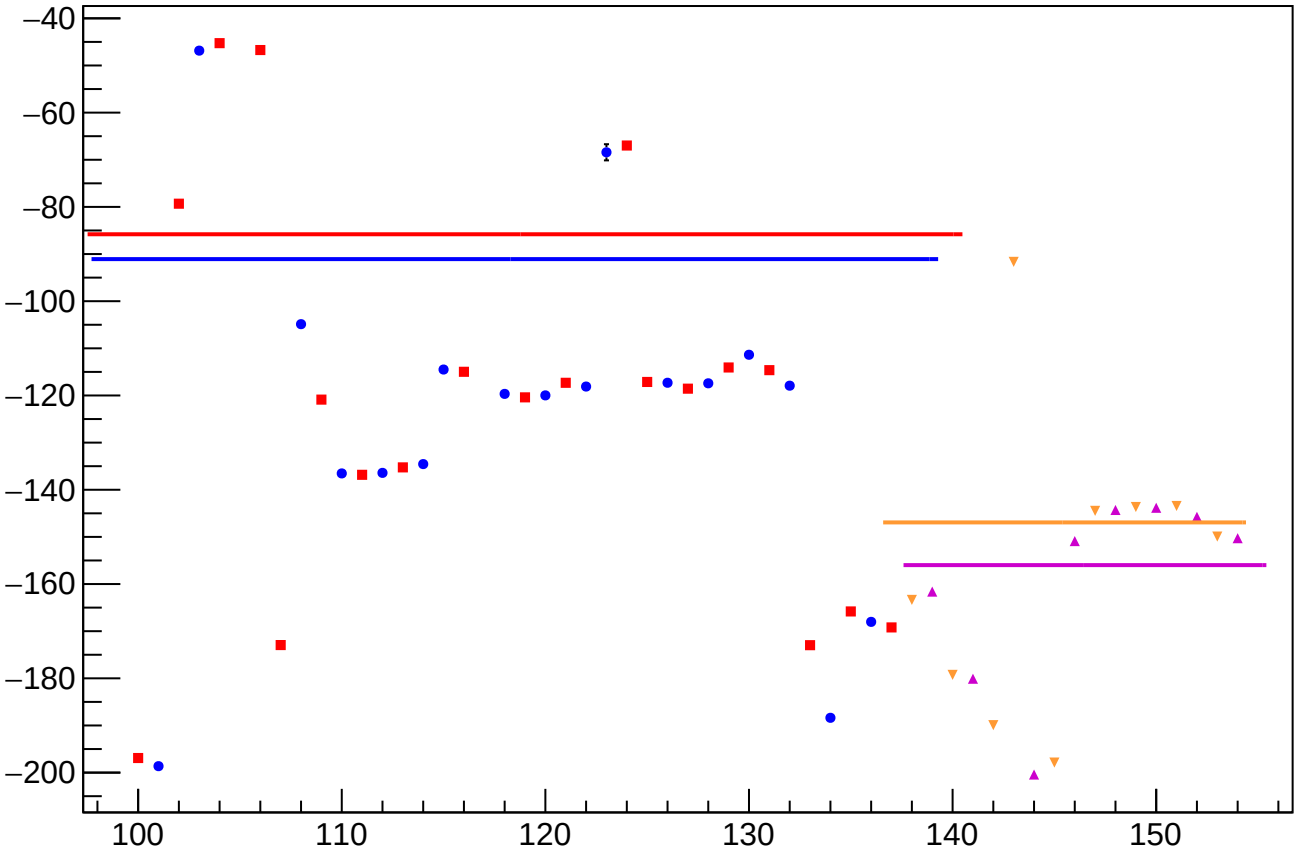
Left In: 48.933+/-1.503 χ^2/NDF:215.3/7

+ sign 51.490+/-0.985 χ^2/NDF: 905.0/25

All: 49.355+/-0.705 χ^2/NDF: 1663.4/52

- sign 47.119+/-1.008 χ^2/NDF: 748.8/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074+/-0.068 χ^2/NDF: 534647.5/16

Left Out: -146.927+/-0.072 χ^2/NDF:186662.7/8

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

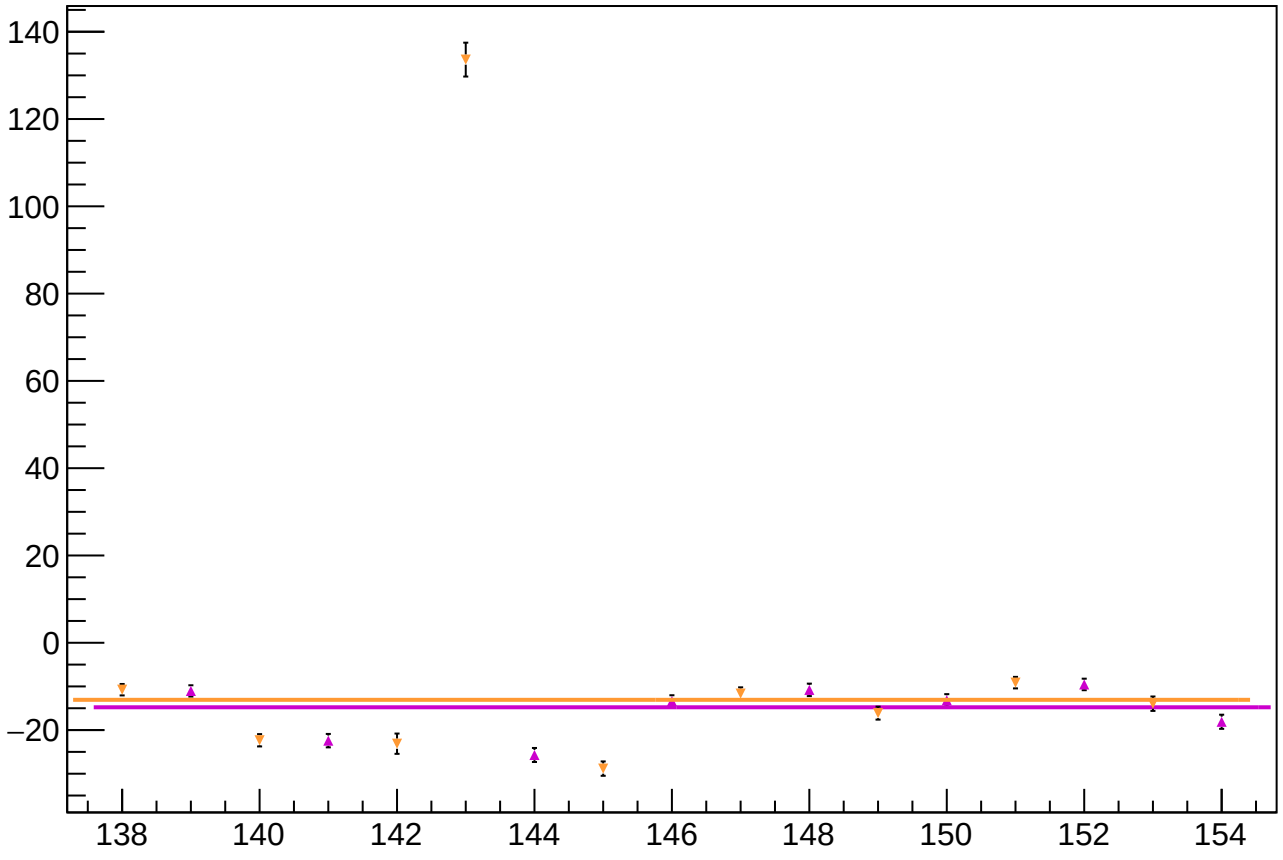
Left In: -155.985+/-0.075 χ^2/NDF:50854.3/7

+ sign -117.398+/-0.049 χ^2/NDF: 1043720.7/25

All: -116.735+/-0.035 χ^2/NDF: 2093016.8/52

- sign -116.073+/-0.049 χ^2/NDF: 1048931.7/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -13.071+/-0.529 χ^2/NDF:1599.2/8

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

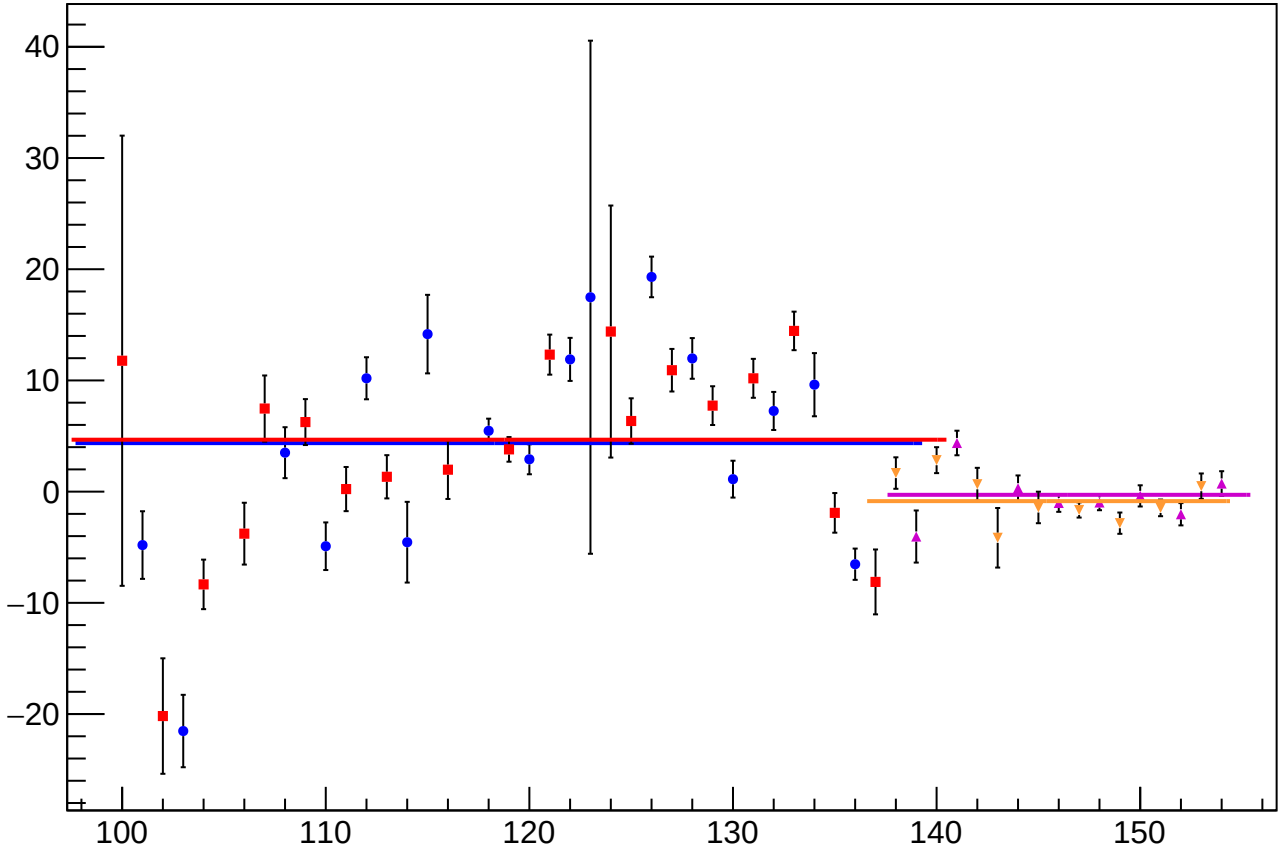
Left In: -14.780+/-0.507 χ^2/NDF:109.2/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -13.960+/-0.366 χ^2/NDF: 1713.9/16

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.361+/-0.464 χ^2/NDF: 286.5/16

Left Out: -0.854+/-0.351 χ^2/NDF:23.6/8

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

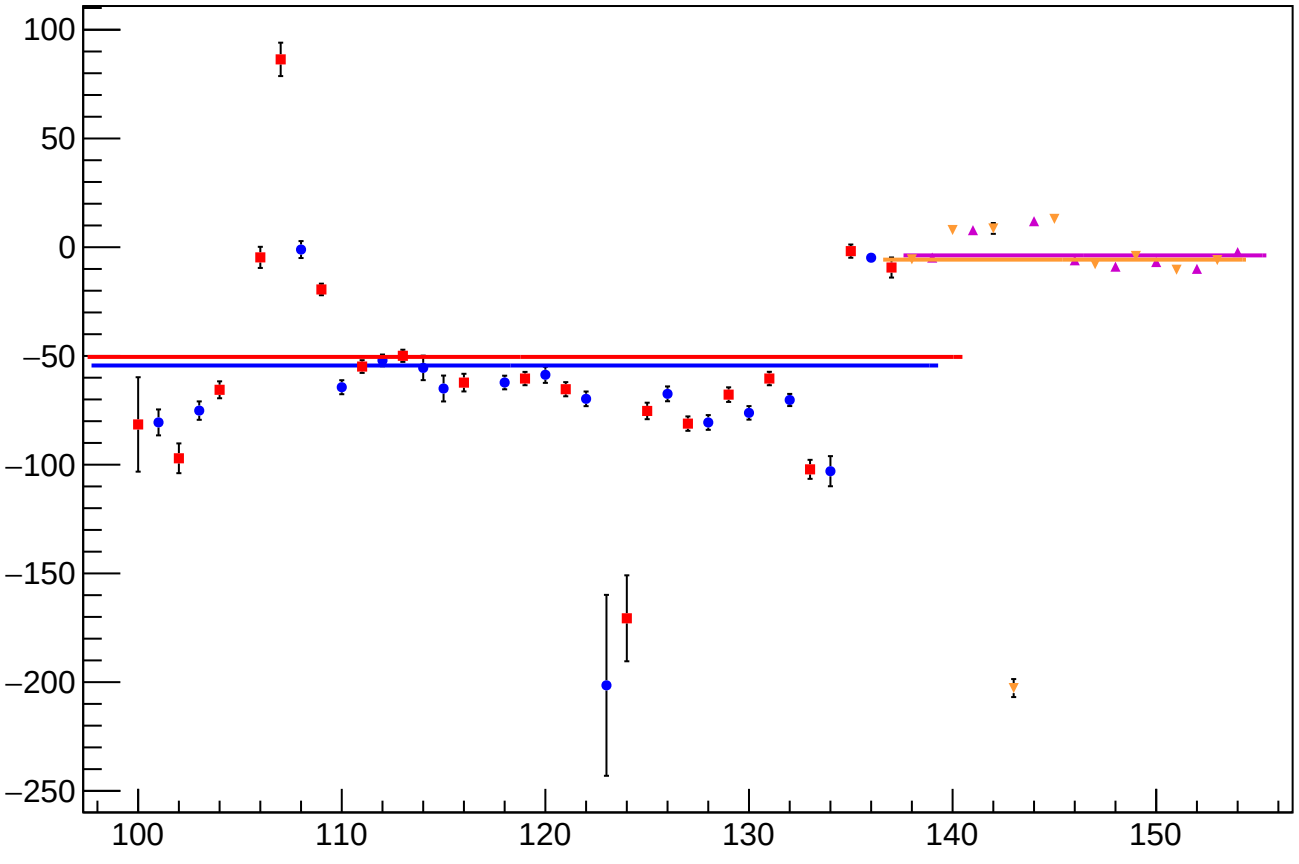
Left In: -0.287+/-0.347 χ^2/NDF:26.3/7

+ sign 1.041+/-0.280 χ^2/NDF: 390.4/25

All: 1.242+/-0.198 χ^2/NDF: 674.3/52

- sign 1.443+/-0.280 χ^2/NDF: 282.8/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392+/-0.863 χ^2/NDF: 1013.4/16

Left Out: -5.708+/-0.526 χ^2/NDF:2513.8/8

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

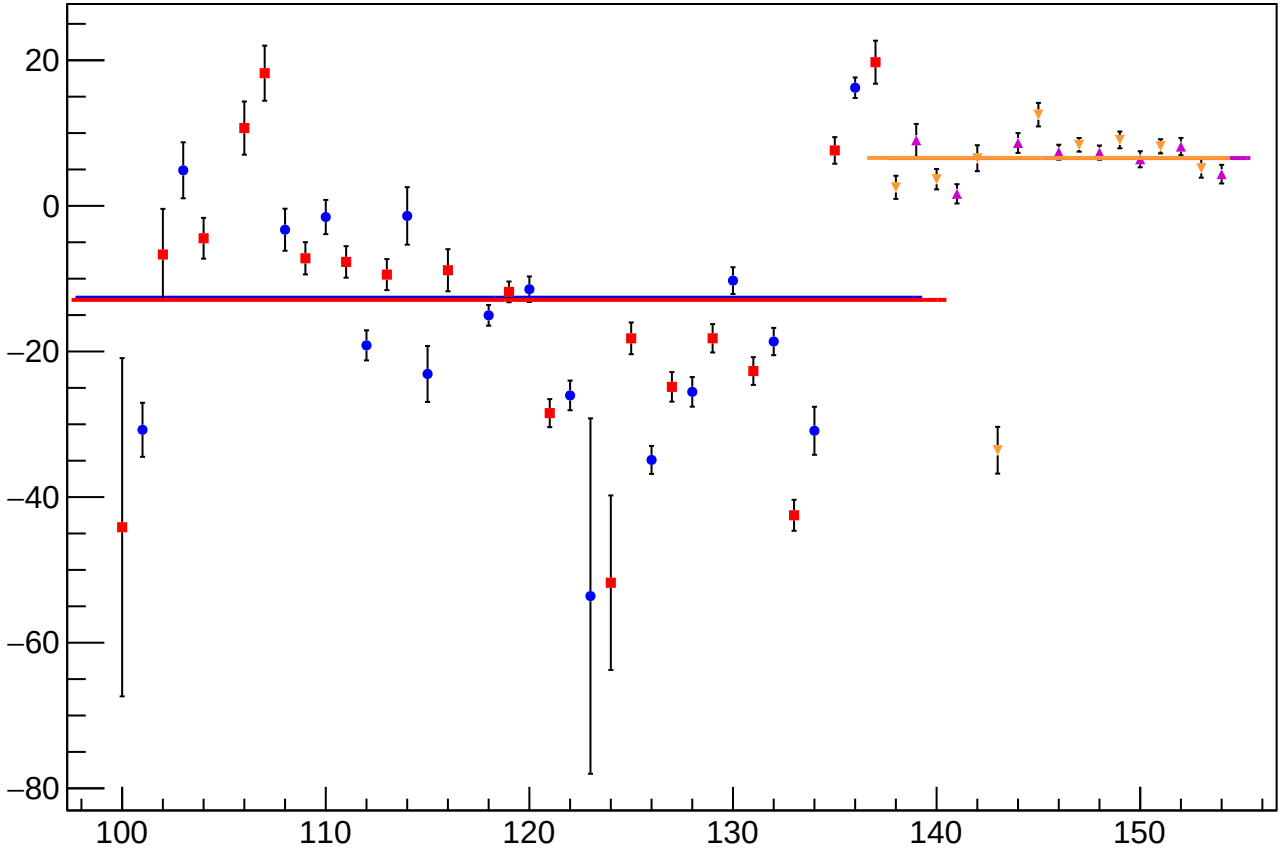
Left In: -3.761+/-0.500 χ^2/NDF:182.5/7

+ sign -18.892+/-0.449 χ^2/NDF: 5850.4/25

All: -17.188+/-0.311 χ^2/NDF: 9597.0/52

- sign -15.610+/-0.432 χ^2/NDF: 3718.9/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616+/-0.530 χ^2/NDF: 788.2/16

Left Out: 6.588+/-0.437 χ^2/NDF:192.8/8

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

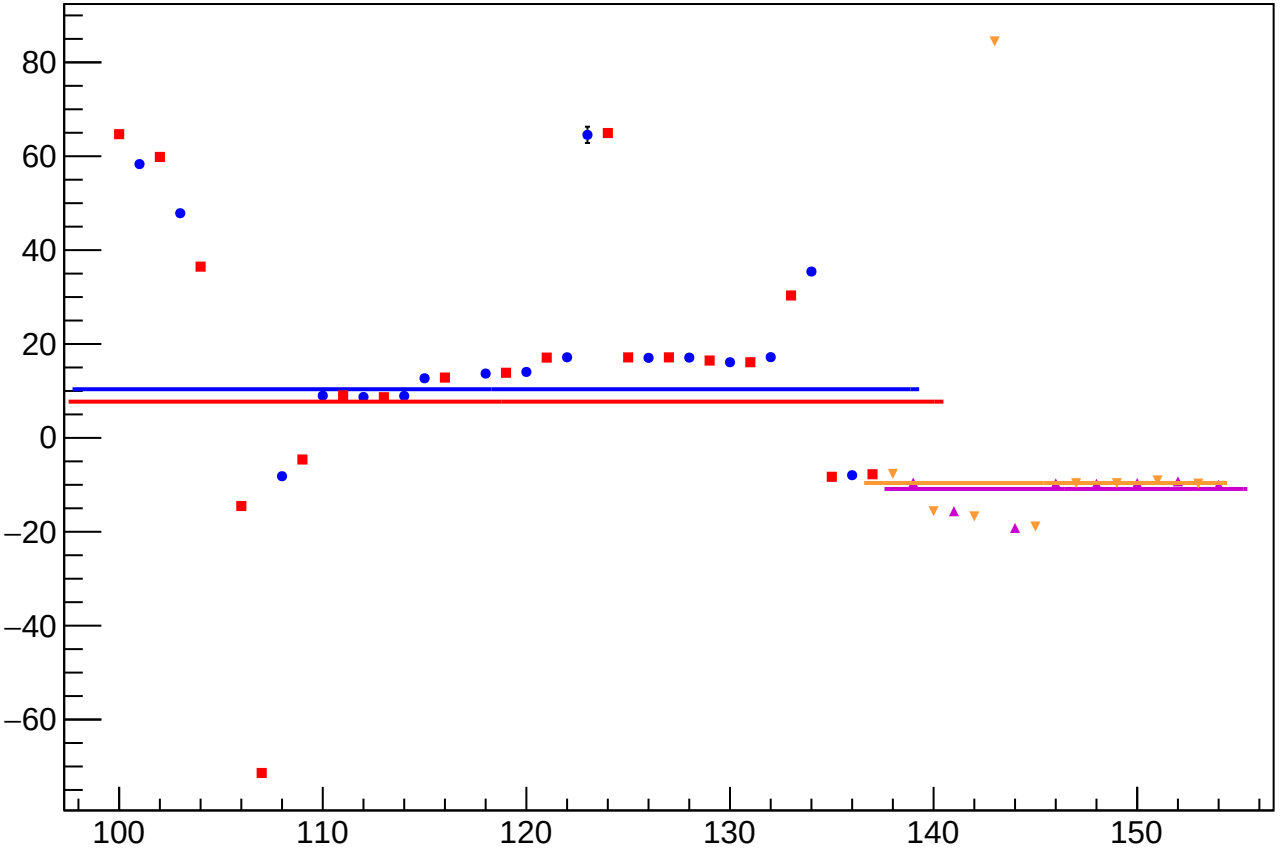
Left In: 6.568+/-0.428 χ^2/NDF:23.2/7

+ sign -1.181+/-0.337 χ^2/NDF: 1762.3/25

All: -1.079+/-0.238 χ^2/NDF: 3318.4/52

- sign -0.979+/-0.335 χ^2/NDF: 1556.0/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.366+/-0.031 χ^2/NDF: 381003.5/16

Left Out: -9.613+/-0.022 χ^2/NDF:354433.2/8

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

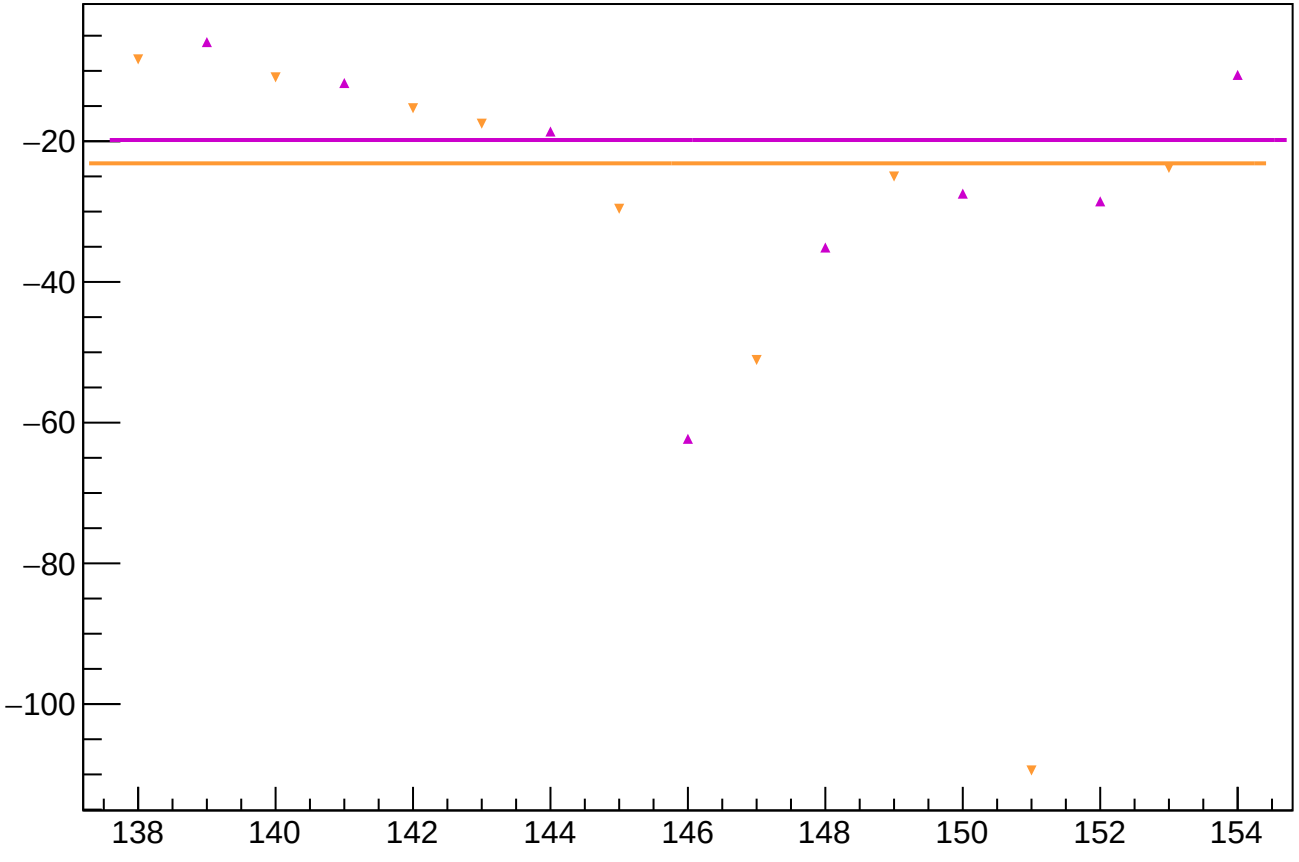
Left In: -10.878+/-0.020 χ^2/NDF:20703.5/7

+ sign -2.890+/-0.018 χ^2/NDF: 1019448.5/25

All: -4.202+/-0.012 χ^2/NDF: 1845583.1/52

- sign -5.404+/-0.017 χ^2/NDF: 815622.0/26

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -23.141+/-0.092 χ^2/NDF:48914.3/8

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

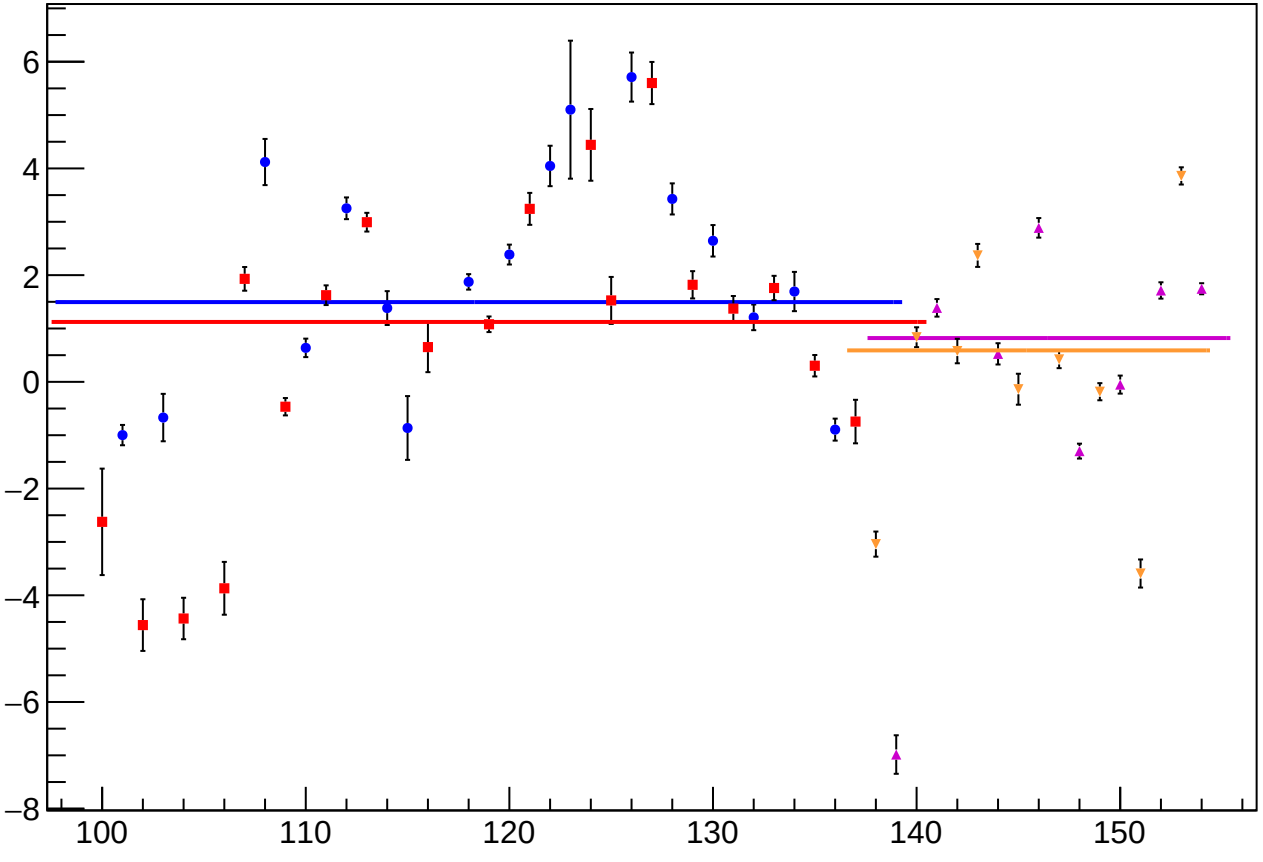
Left In: -19.825+/-0.080 χ^2/NDF:33489.1/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.236+/-0.060 χ^2/NDF: 83143.3/16

- 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: 0.590+/-0.066 χ^2/NDF:1001.1/8

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

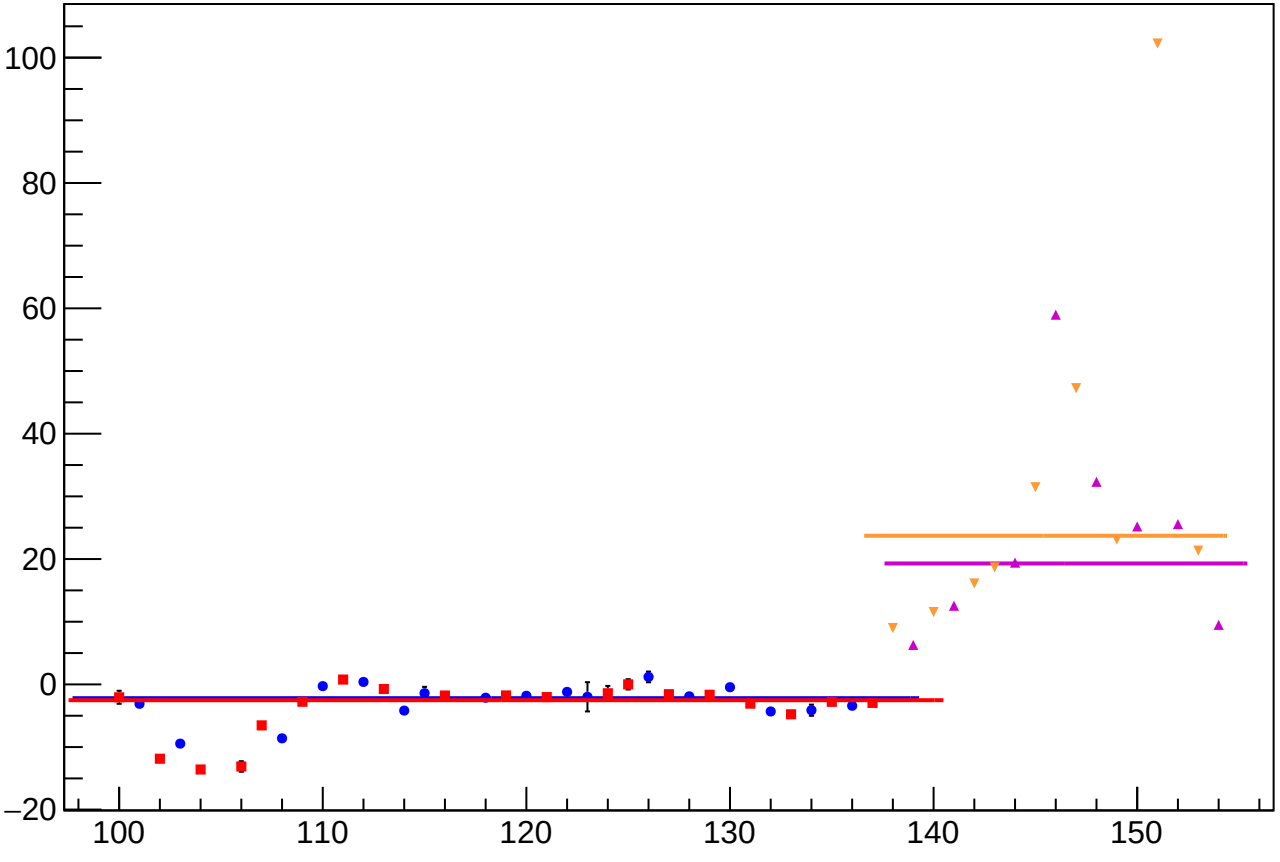
Left In: 0.821+/-0.056 χ^2/NDF:978.3/7

+ sign 1.079+/-0.045 χ^2/NDF: 1810.9/25

All: 1.016+/-0.030 χ^2/NDF: 3753.3/52

- sign 0.965+/-0.040 χ^2/NDF: 1938.8/26

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 23.719+/-0.093 χ^2/NDF:43616.5/8

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

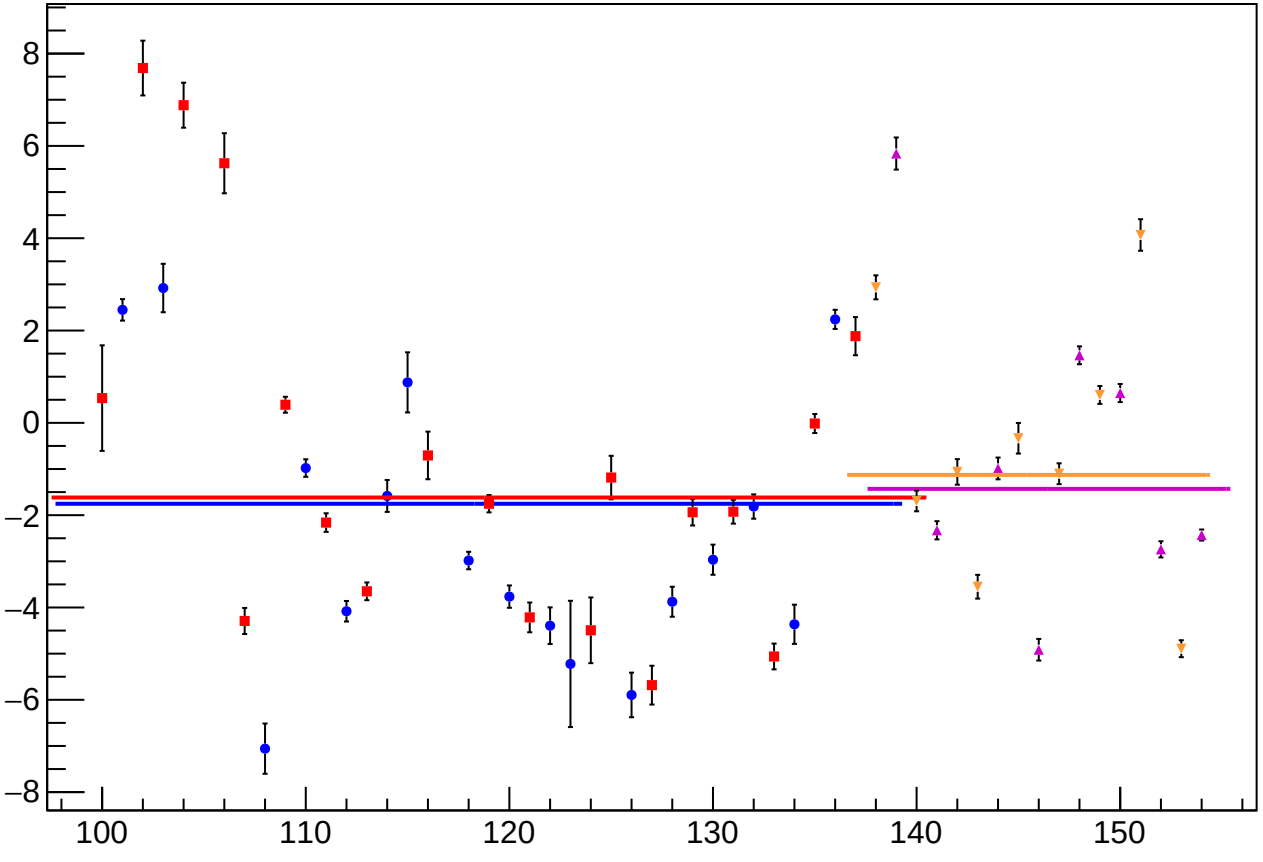
Left In: 19.296+/-0.078 χ^2/NDF:30641.1/7

+ sign 12.944+/-0.071 χ^2/NDF: 76175.8/25

All: 11.803+/-0.046 χ^2/NDF: 138208.8/52

- sign 10.964+/-0.061 χ^2/NDF: 61588.7/26

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -1.128+/-0.080 χ^2/NDF:1078.0/8

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

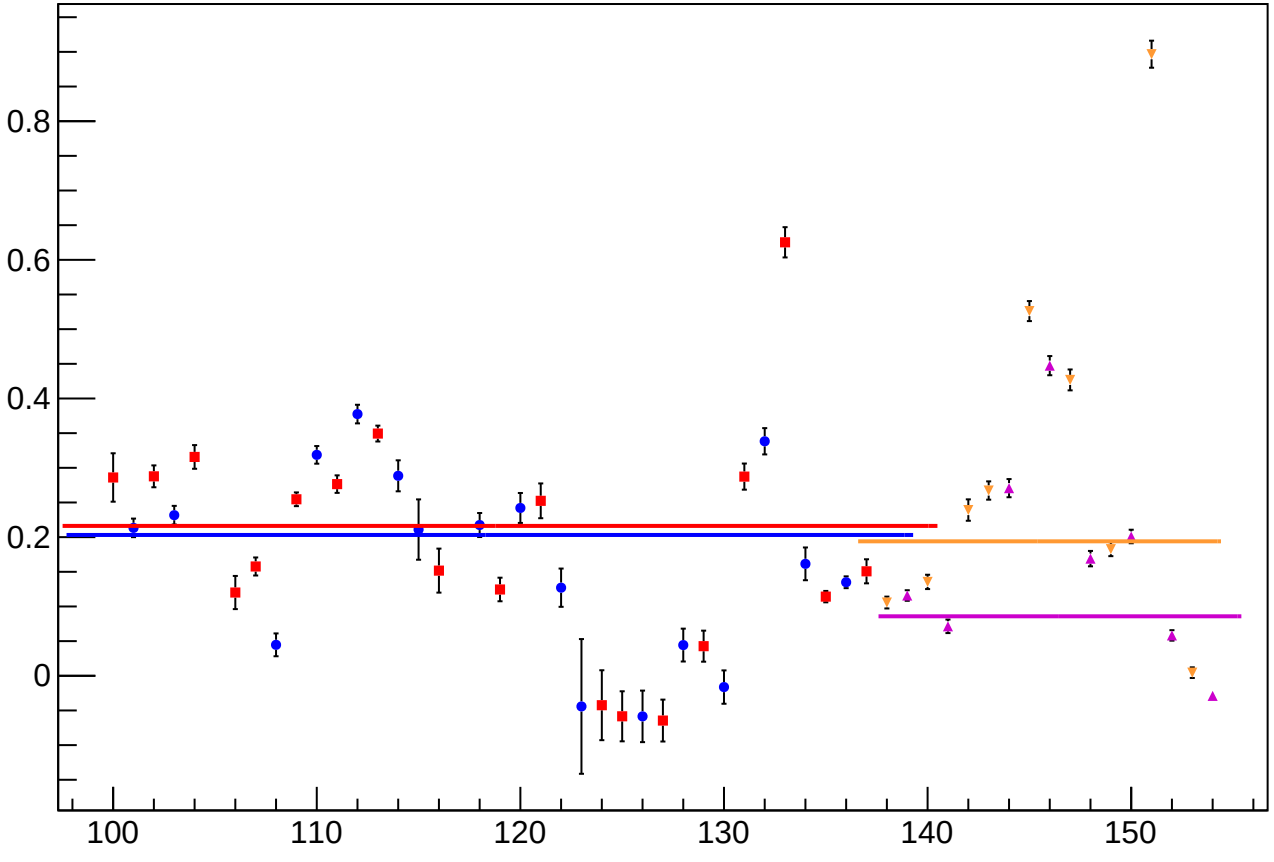
Left In: -1.430+/-0.067 χ^2/NDF:1142.6/7

+ sign -1.480+/-0.053 χ^2/NDF: 2457.6/25

All: -1.505+/-0.035 χ^2/NDF: 5092.1/52

- sign -1.525+/-0.047 χ^2/NDF: 2634.1/26

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.194+/-0.004 χ^2/NDF:2849.2/8

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

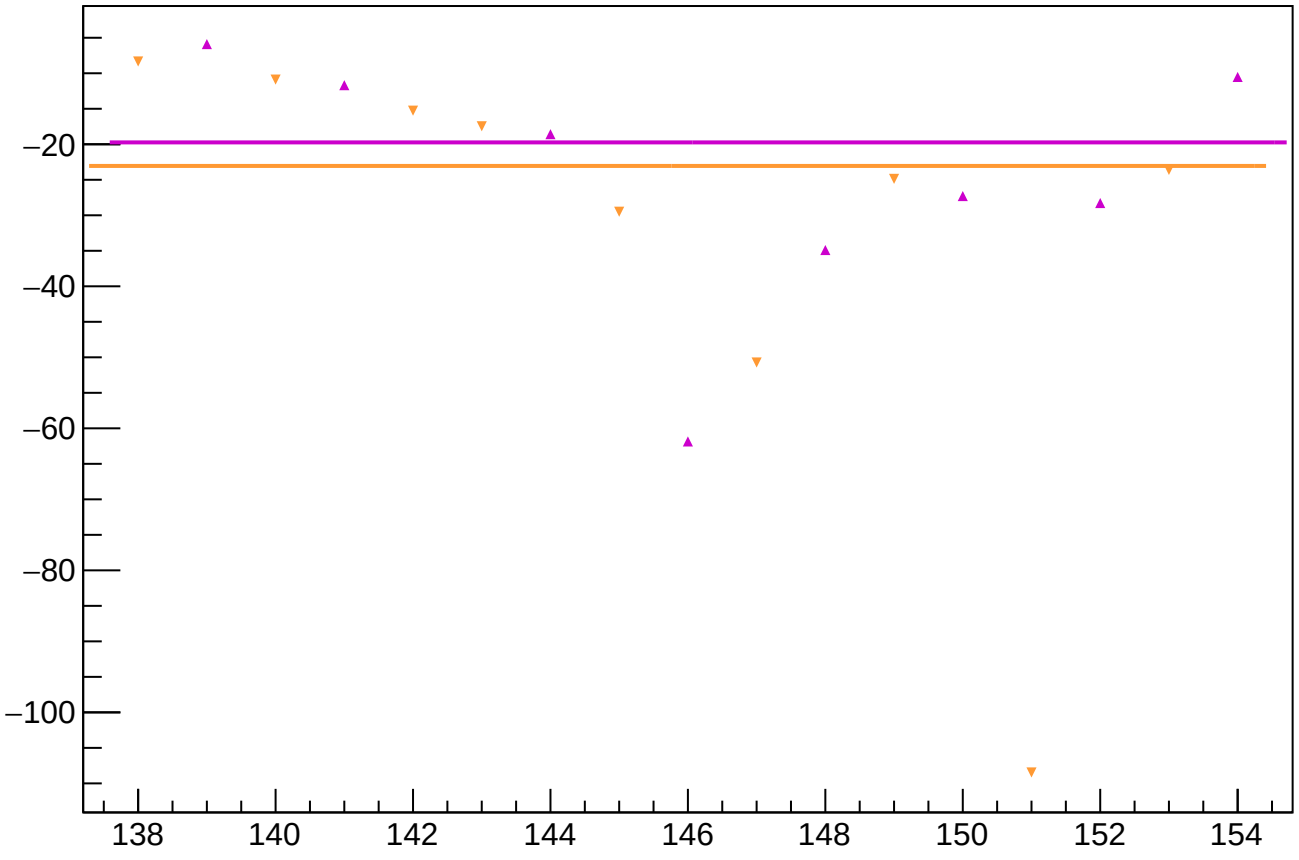
Left In: 0.086+/-0.003 χ^2/NDF:1651.4/7

+ sign 0.198+/-0.003 χ^2/NDF: 3529.1/25

All: 0.161+/-0.002 χ^2/NDF: 7305.9/52

- sign 0.136+/-0.002 χ^2/NDF: 3482.6/26

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.050+/-0.092 χ^2/NDF:48795.8/8

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

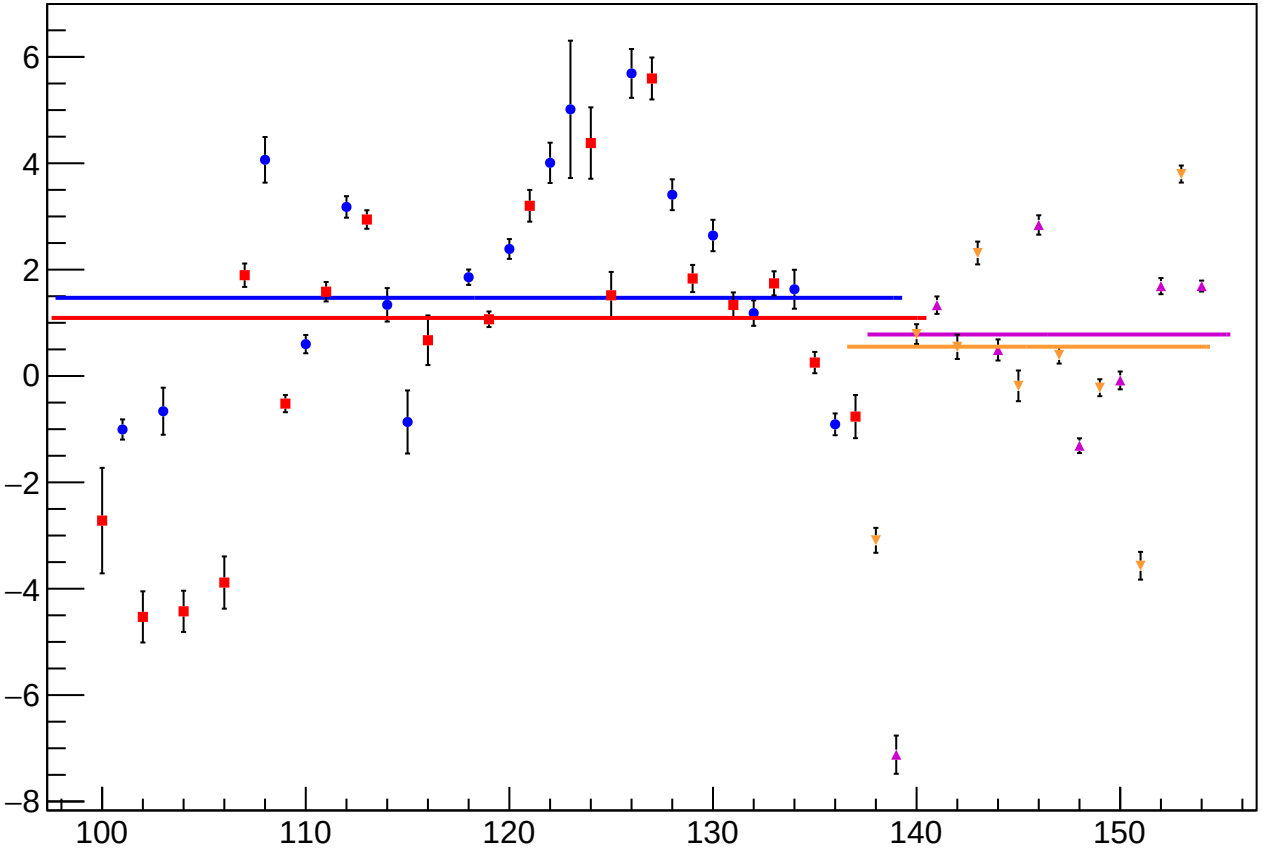
Left In: -19.735+/-0.079 χ^2/NDF:33411.4/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.145+/-0.060 χ^2/NDF: 82955.2/16

- 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: 0.551+/-0.066 χ^2/NDF:1001.0/8

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

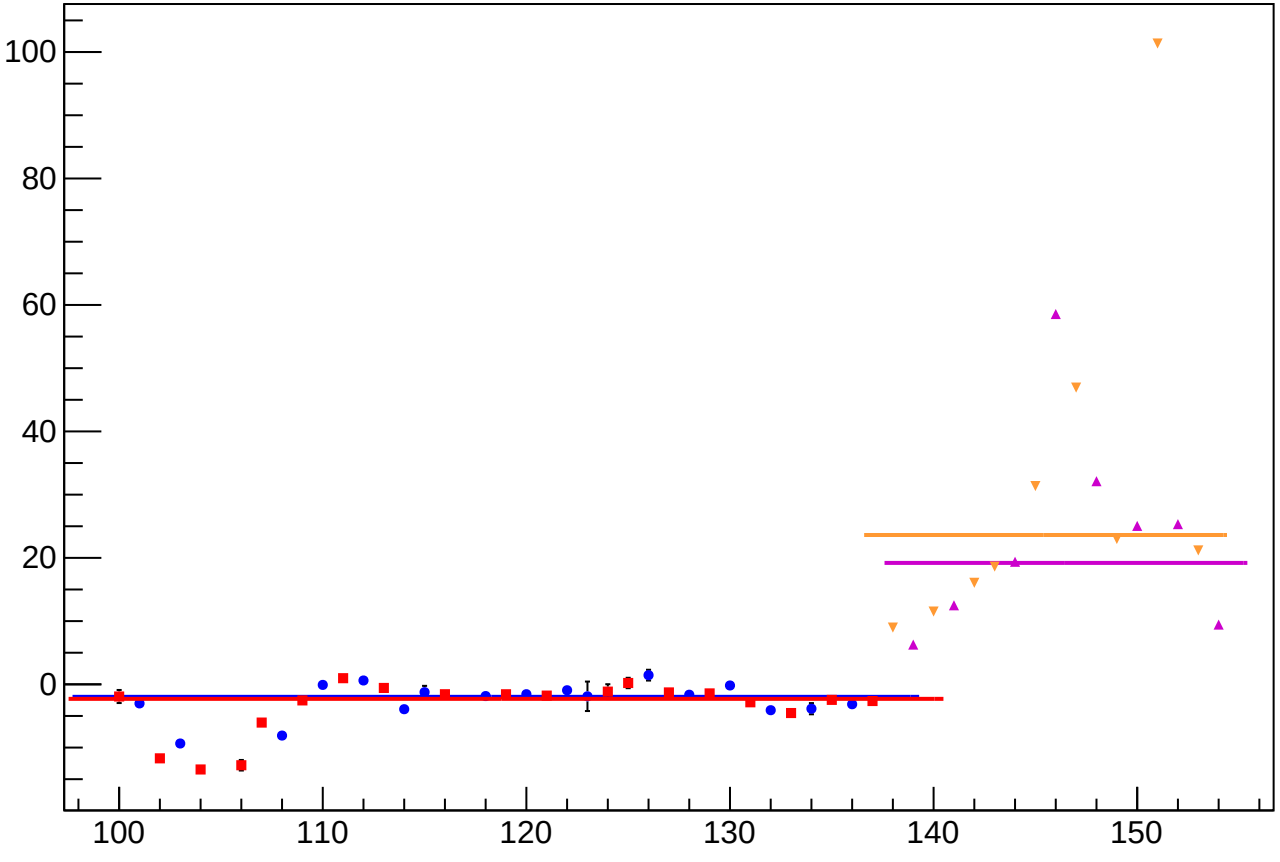
Left In: 0.781+/-0.055 χ^2/NDF:992.2/7

+ sign 1.047+/-0.045 χ^2/NDF: 1814.0/25

All: 0.982+/-0.030 χ^2/NDF: 3777.2/52

- sign 0.929+/-0.040 χ^2/NDF: 1959.4/26

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 23.618+/-0.093 χ^2/NDF:43510.9/8

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

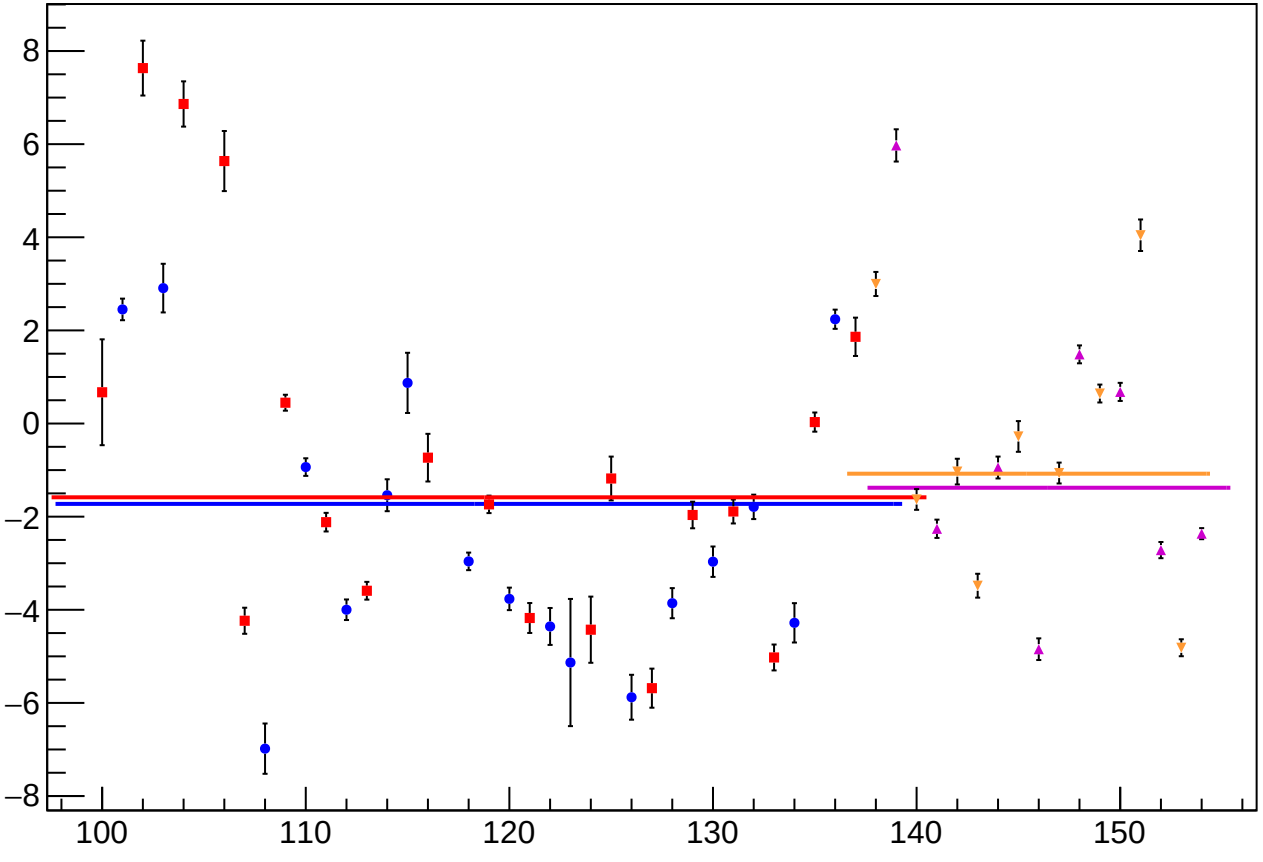
Left In: 19.204+/-0.077 χ^2/NDF:30575.3/7

+ sign 12.990+/-0.071 χ^2/NDF: 75610.7/25

All: 11.845+/-0.046 χ^2/NDF: 137054.2/52

- sign 11.004+/-0.061 χ^2/NDF: 60991.2/26

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -1.077+/-0.079 χ^2/NDF:1078.6/8

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

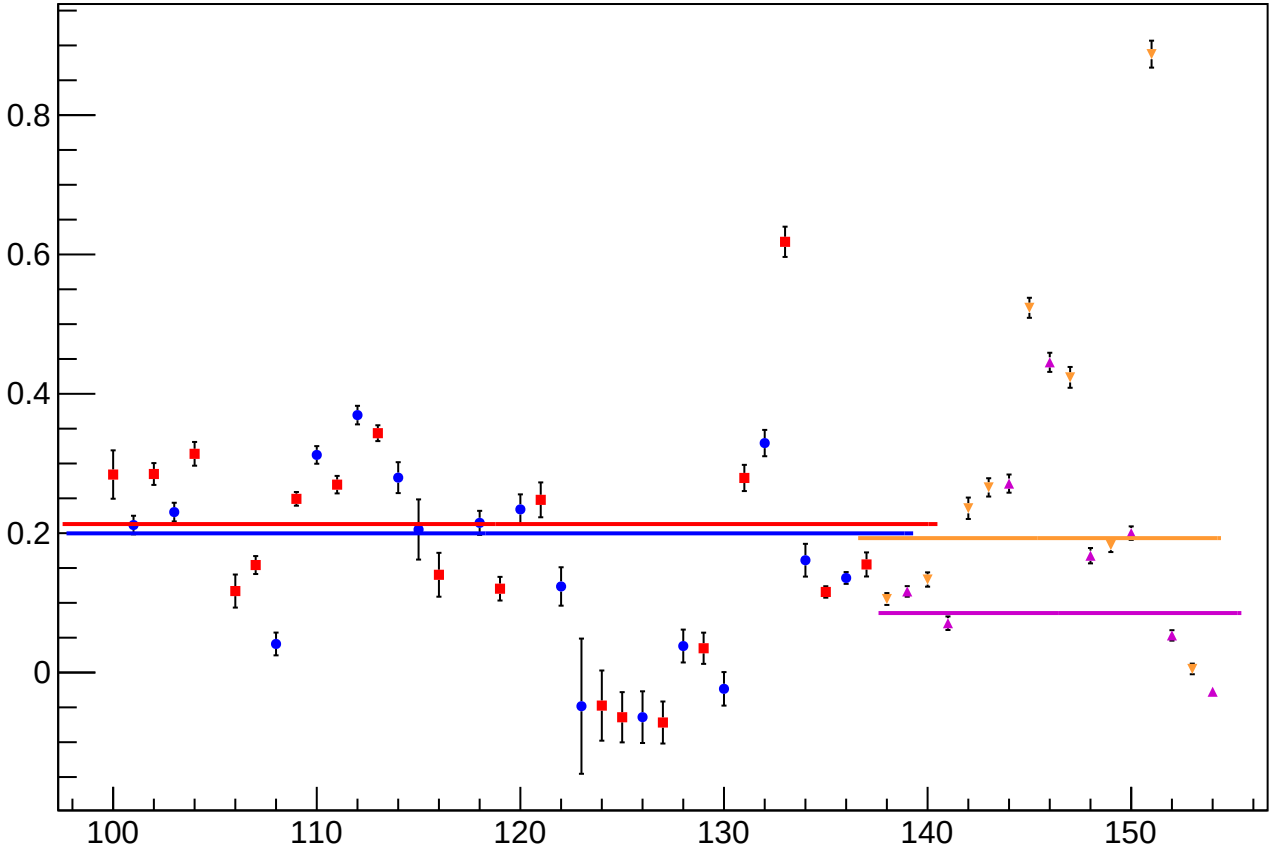
Left In: -1.379+/-0.066 χ^2/NDF:1158.1/7

+ sign -1.442+/-0.053 χ^2/NDF: 2457.6/25

All: -1.465+/-0.035 χ^2/NDF: 5113.8/52

- sign -1.483+/-0.047 χ^2/NDF: 2655.8/26

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.193+/-0.004 χ^2/NDF:2839.2/8

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

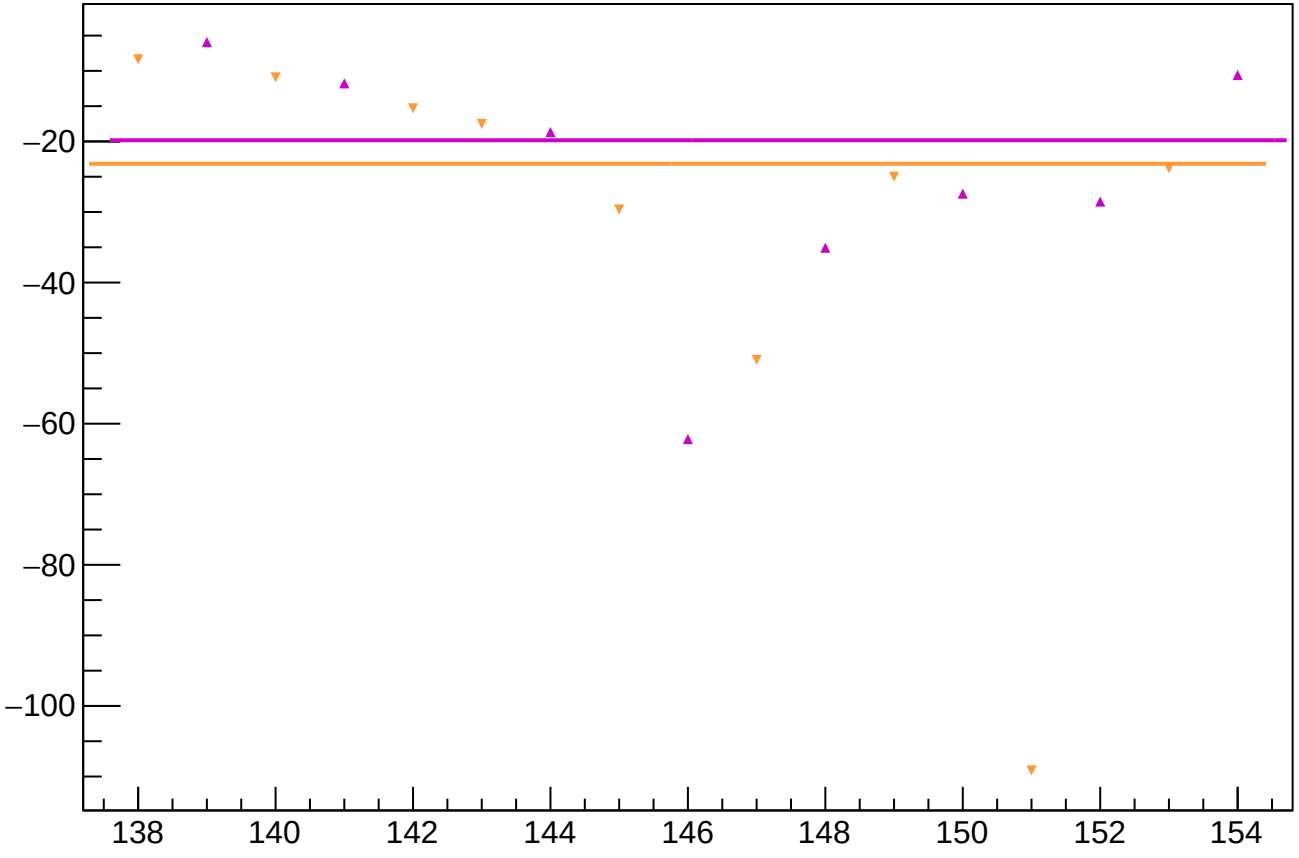
Left In: 0.085+/-0.003 χ^2/NDF:1654.8/7

+ sign 0.196+/-0.003 χ^2/NDF: 3503.2/25

All: 0.160+/-0.002 χ^2/NDF: 7242.0/52

- sign 0.135+/-0.002 χ^2/NDF: 3446.6/26

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.163+/-0.092 χ^2/NDF:48898.4/8

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

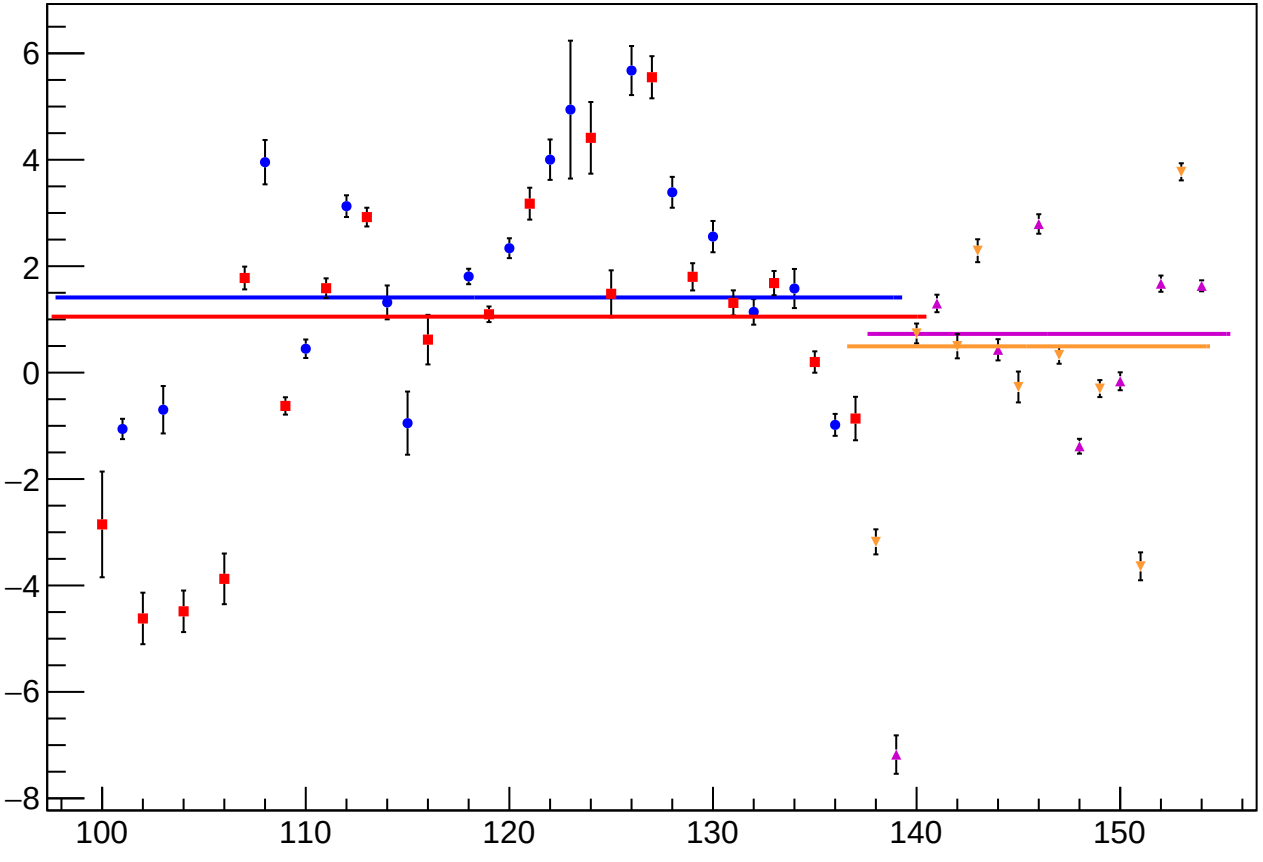
Left In: -19.835+/-0.079 χ^2/NDF:33477.3/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.250+/-0.060 χ^2/NDF: 83123.3/16

- 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: 0.493+/-0.066 χ^2/NDF:1010.6/8

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

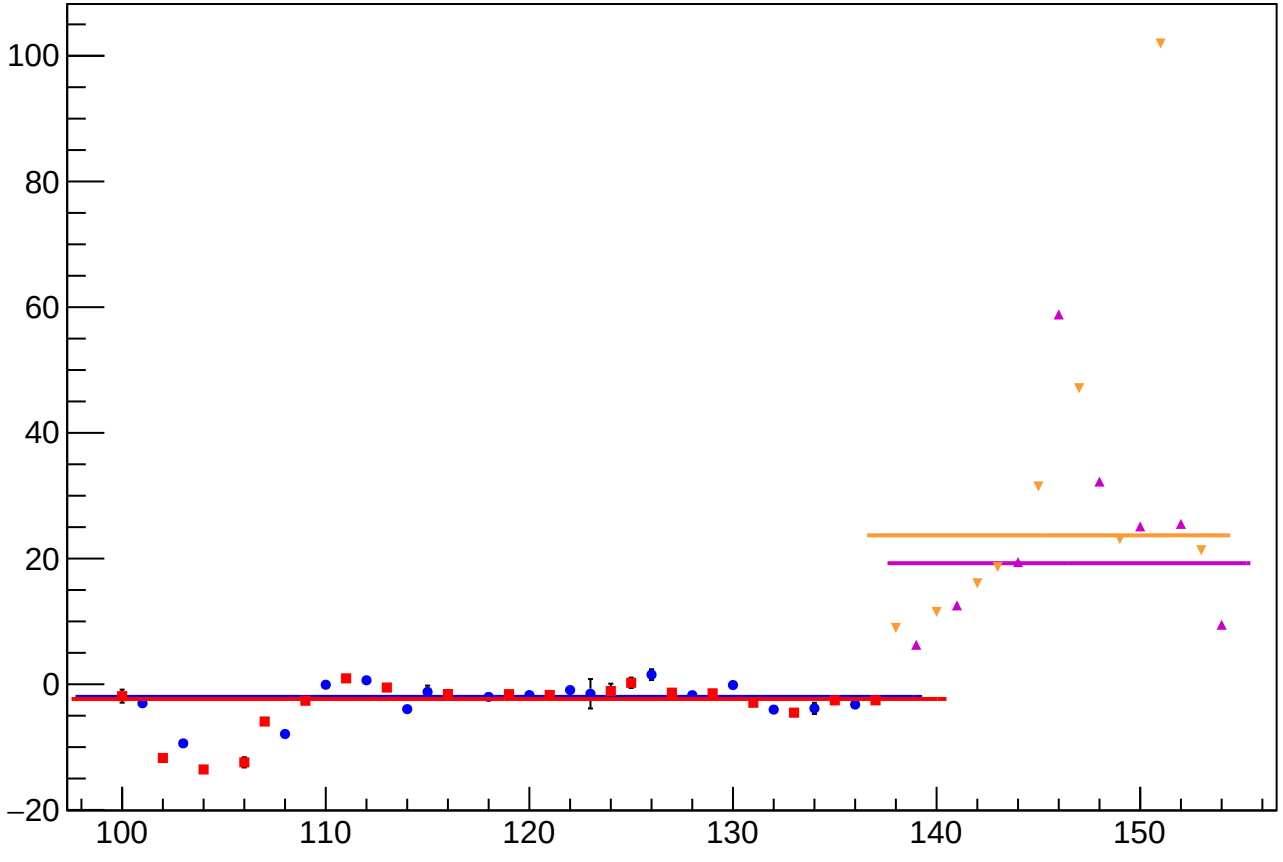
Left In: 0.727+/-0.056 χ^2/NDF:993.3/7

+ sign 0.989+/-0.045 χ^2/NDF: 1828.8/25

All: 0.930+/-0.030 χ^2/NDF: 3804.9/52

- sign 0.883+/-0.040 χ^2/NDF: 1972.9/26

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 23.702+/-0.093 χ^2/NDF:43601.2/8

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

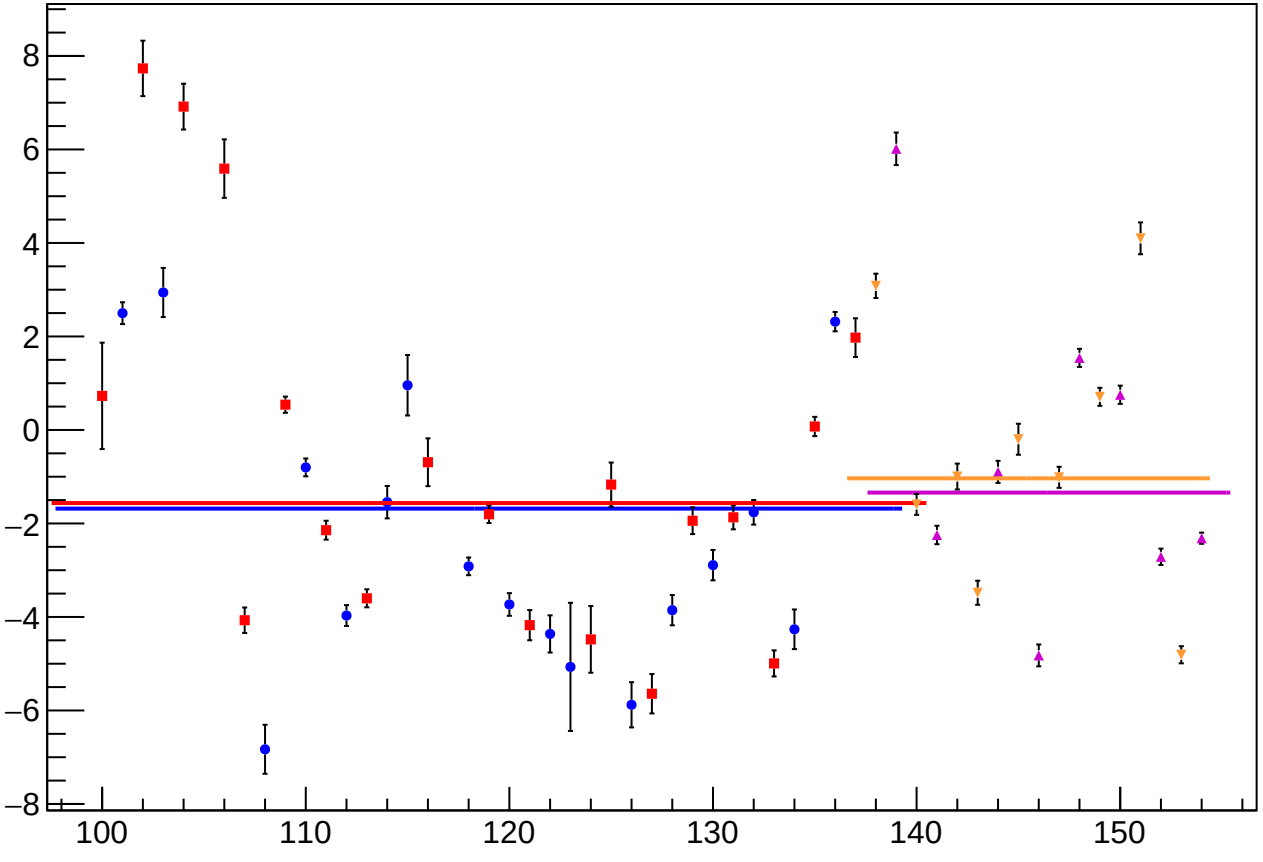
Left In: 19.264+/-0.078 χ^2/NDF:30647.0/7

+ sign 13.038+/-0.071 χ^2/NDF: 75670.2/25

All: 11.883+/-0.046 χ^2/NDF: 137196.1/52

- sign 11.035+/-0.061 χ^2/NDF: 61070.1/26

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -1.035+/-0.080 χ^2/NDF:1088.5/8

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

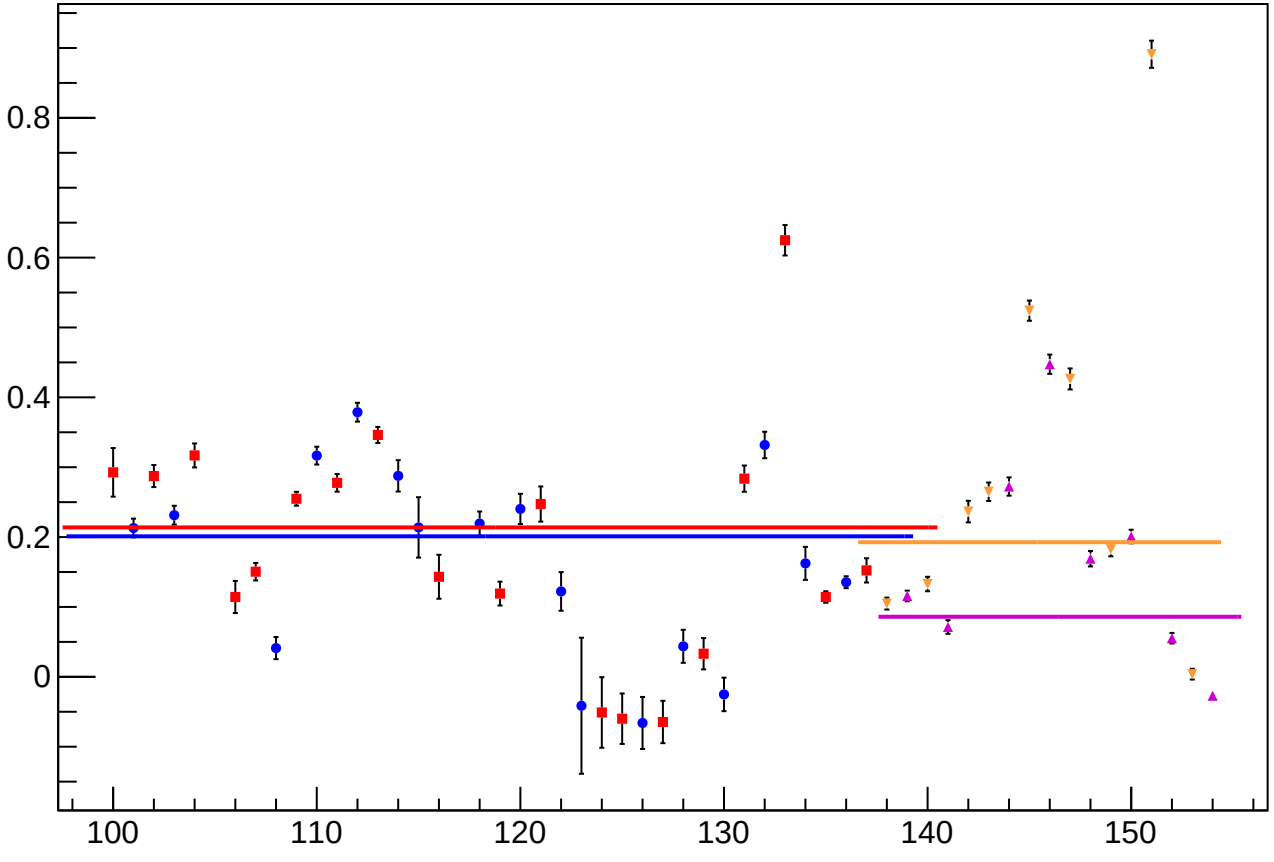
Left In: -1.340+/-0.066 χ^2/NDF:1159.4/7

+ sign -1.399+/-0.053 χ^2/NDF: 2473.4/25

All: -1.429+/-0.035 χ^2/NDF: 5143.9/52

- sign -1.453+/-0.047 χ^2/NDF: 2669.9/26

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.193+/-0.004 χ^2/NDF:2841.7/8

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

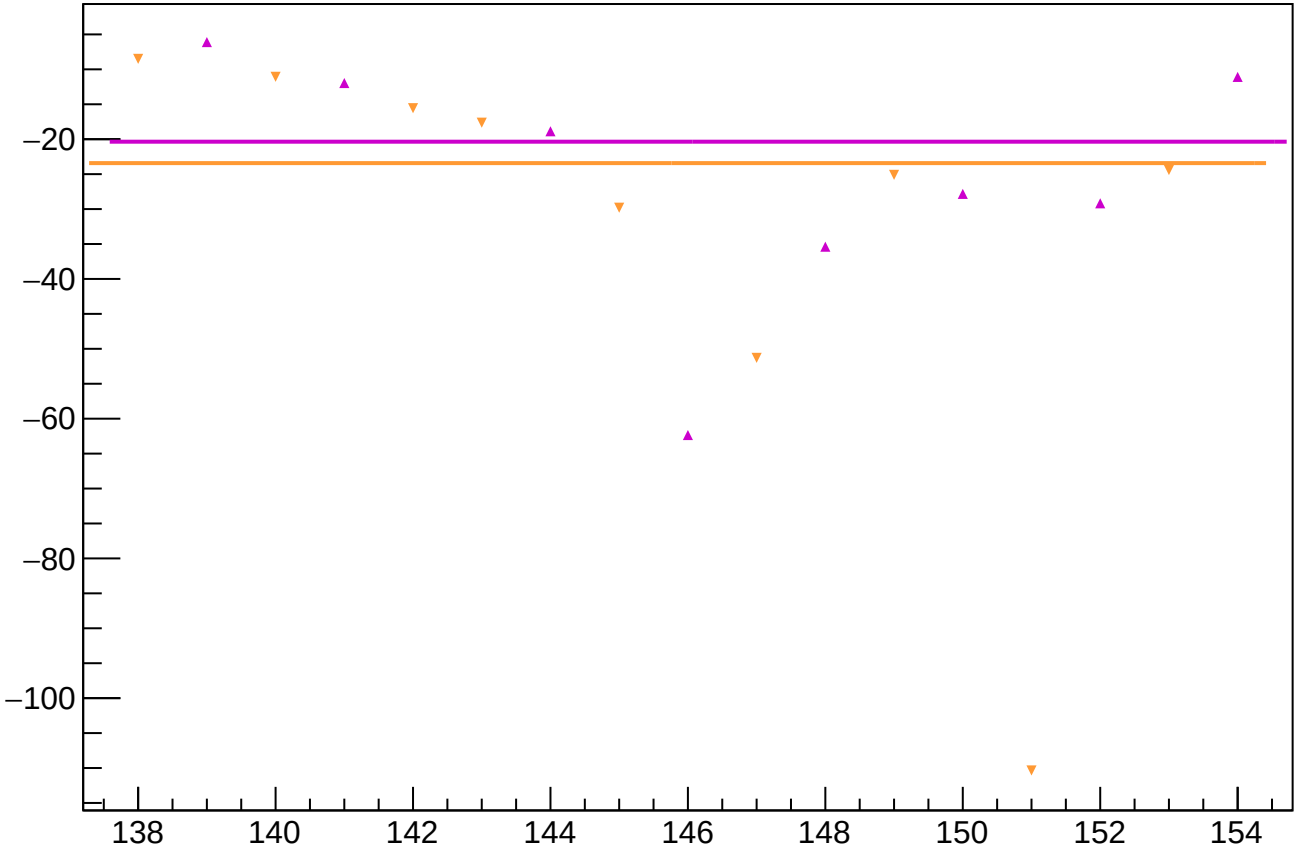
Left In: 0.086+/-0.003 χ^2/NDF:1649.2/7

+ sign 0.196+/-0.003 χ^2/NDF: 3535.3/25

All: 0.160+/-0.002 χ^2/NDF: 7293.2/52

- sign 0.136+/-0.002 χ^2/NDF: 3470.9/26

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.421+/-0.093 χ^2/NDF:48792.2/8

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

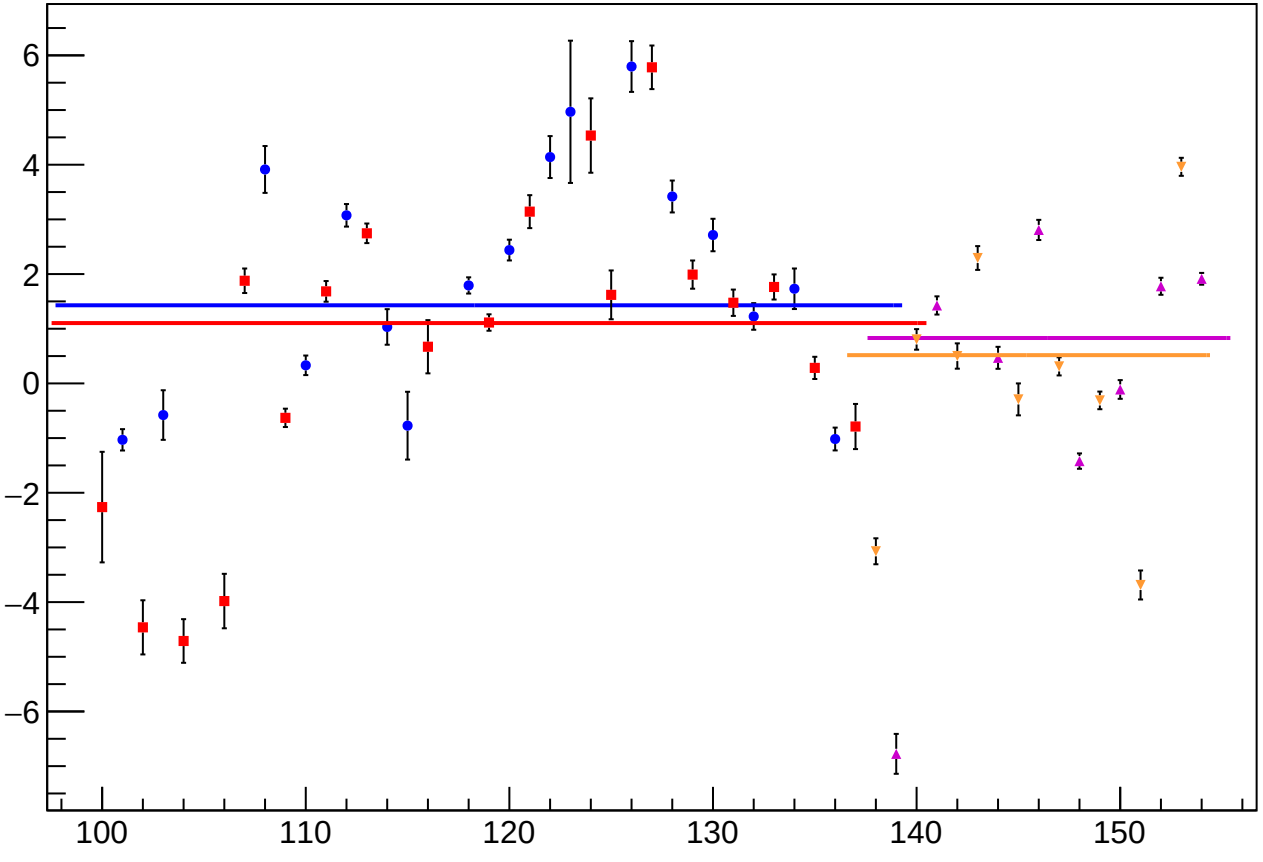
Left In: -20.356+/-0.081 χ^2/NDF:32689.0/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -21.673+/-0.061 χ^2/NDF: 82096.6/16

- 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: 0.517+/-0.067 χ^2/NDF:1020.8/8

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

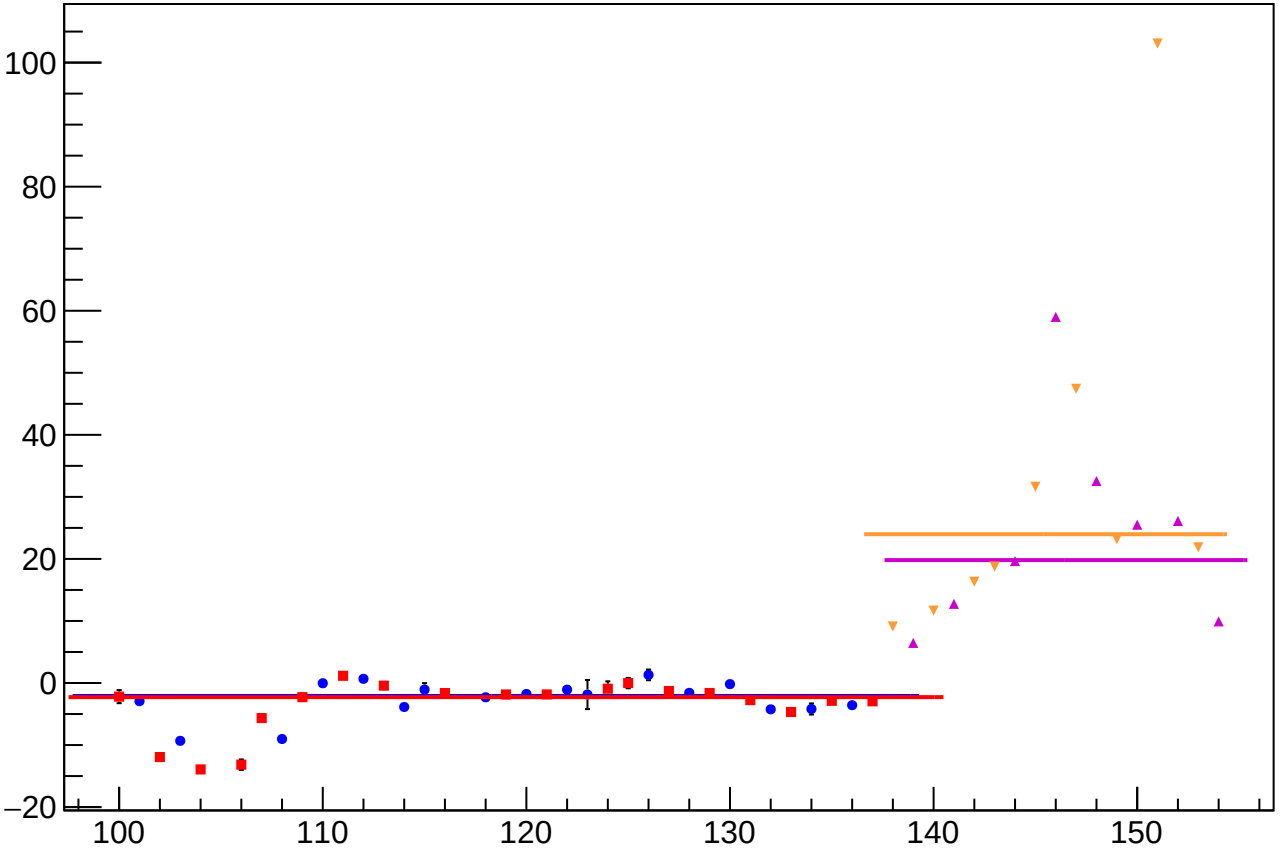
Left In: 0.830+/-0.057 χ^2/NDF:989.8/7

+ sign 1.006+/-0.046 χ^2/NDF: 1831.9/25

All: 0.981+/-0.030 χ^2/NDF: 3769.9/52

- sign 0.961+/-0.041 χ^2/NDF: 1937.4/26

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 23.979+/-0.094 χ^2/NDF:43473.0/8

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

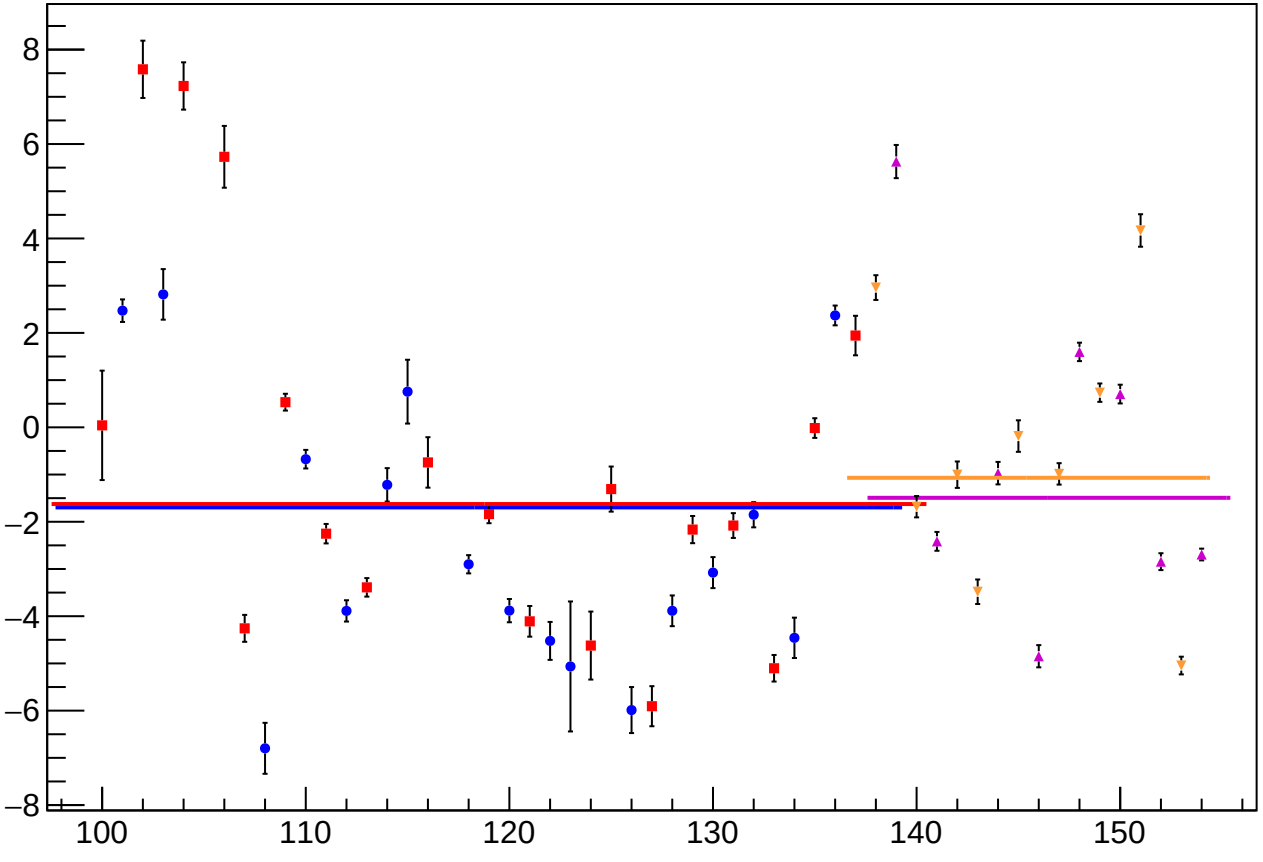
Left In: 19.812+/-0.079 χ^2/NDF:29763.2/7

+ sign 13.239+/-0.072 χ^2/NDF: 75494.8/25

All: 12.179+/-0.047 χ^2/NDF: 136144.6/52

- sign 11.390+/-0.062 χ^2/NDF: 60274.9/26

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -1.069+/-0.081 χ^2/NDF:1105.0/8

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

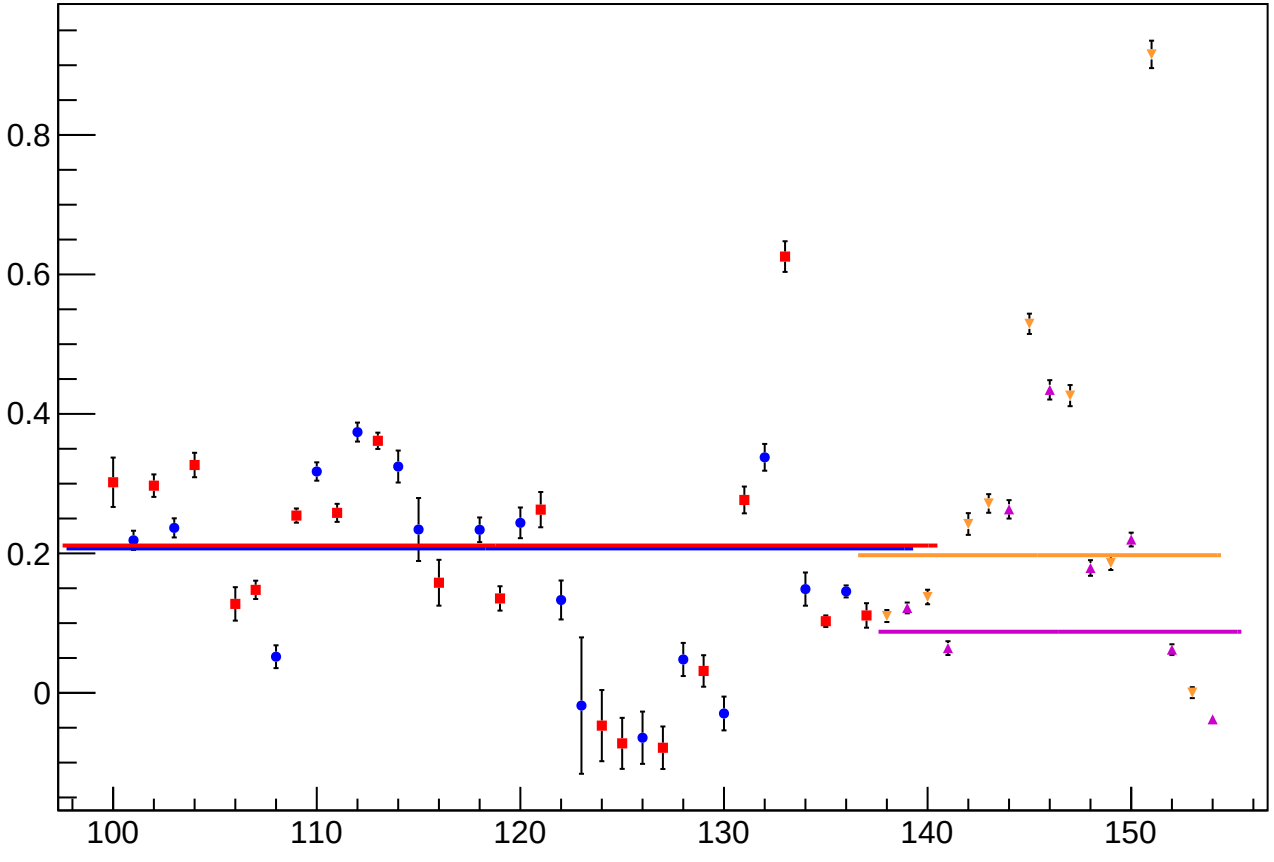
Left In: -1.492+/-0.068 χ^2/NDF:1163.9/7

+ sign -1.420+/-0.054 χ^2/NDF: 2472.1/25

All: -1.498+/-0.036 χ^2/NDF: 5109.1/52

- sign -1.559+/-0.048 χ^2/NDF: 2633.2/26

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.197+/-0.004 χ^2/NDF:2887.1/8

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

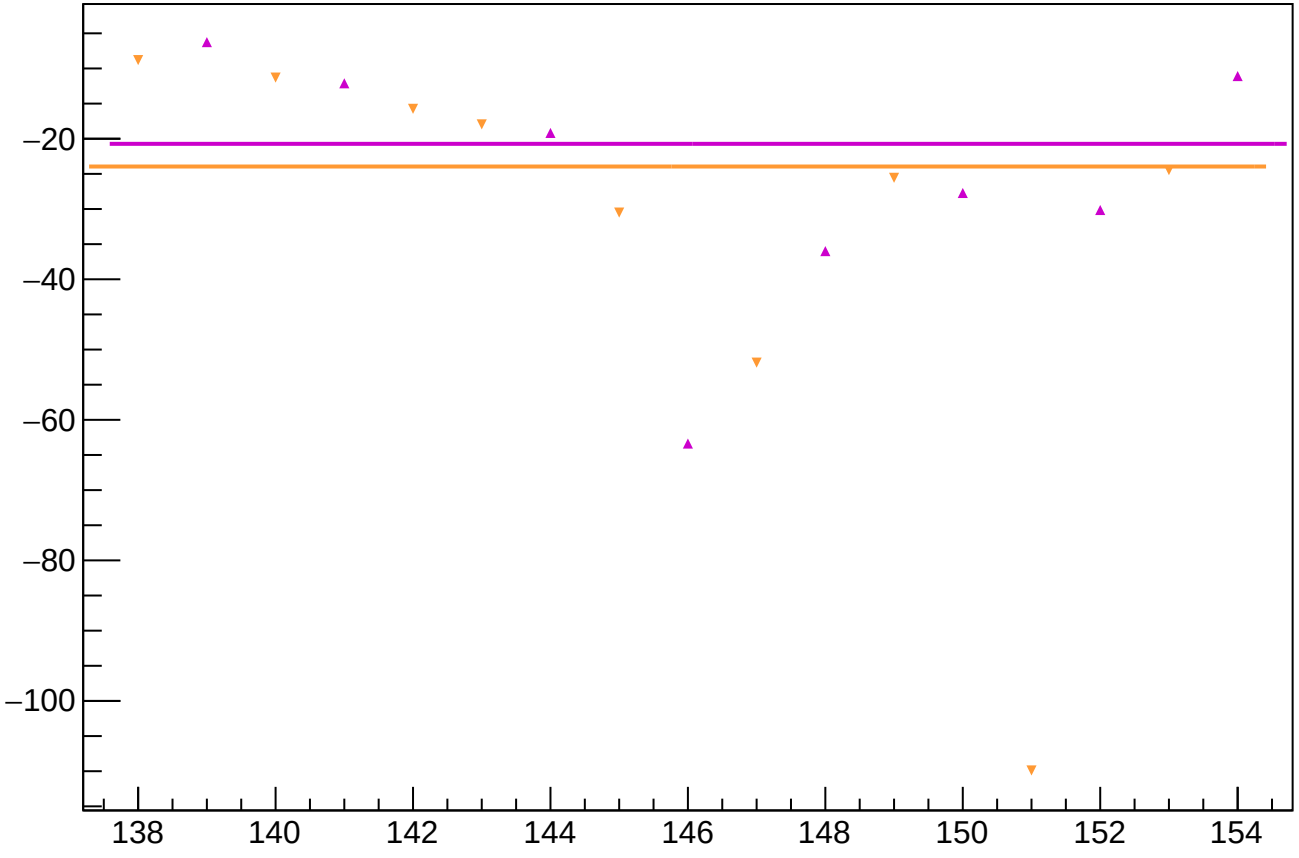
Left In: 0.088+/-0.003 χ^2/NDF:1684.0/7

+ sign 0.202+/-0.003 χ^2/NDF: 3546.4/25

All: 0.163+/-0.002 χ^2/NDF: 7362.5/52

- sign 0.136+/-0.002 χ^2/NDF: 3490.8/26

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.953+/-0.095 χ^2/NDF:48090.3/8

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

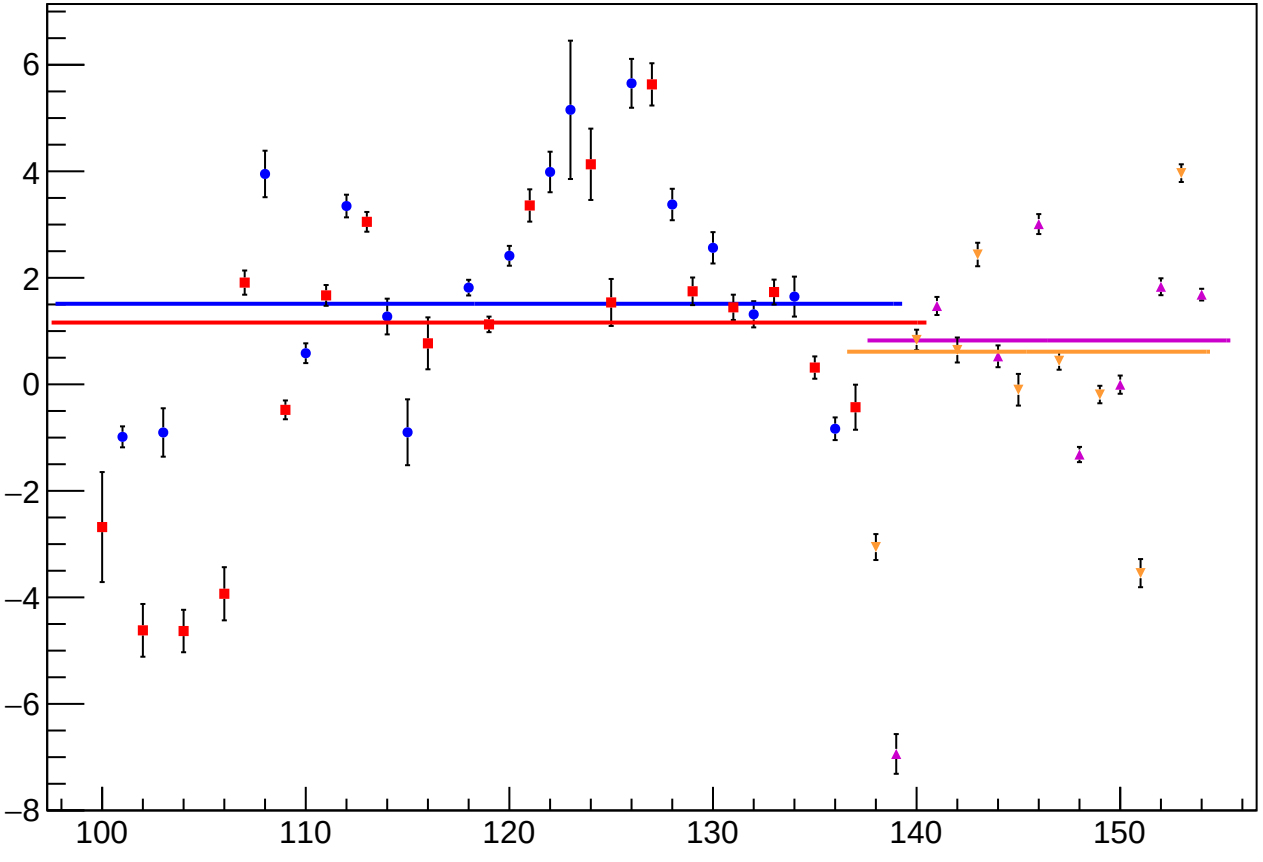
Left In: -20.726+/-0.082 χ^2/NDF:32789.5/7

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -22.112+/-0.062 χ^2/NDF: 81538.8/16

- 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: 0.613+/-0.068 χ^2/NDF:982.2/8

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

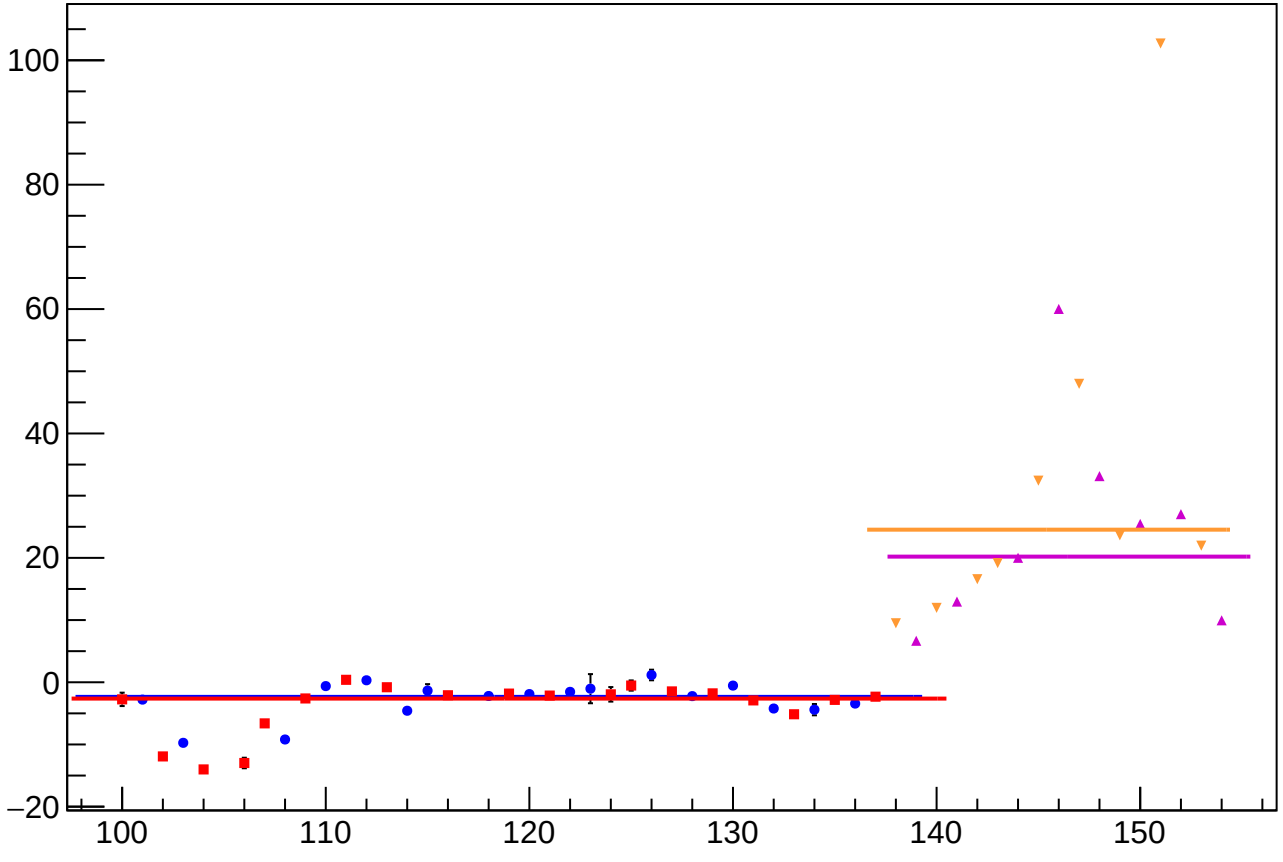
Left In: 0.824+/-0.058 χ^2/NDF:935.5/7

+ sign 1.099+/-0.046 χ^2/NDF: 1746.7/25

All: 1.036+/-0.031 χ^2/NDF: 3618.9/52

- sign 0.986+/-0.042 χ^2/NDF: 1868.8/26

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 24.534+/-0.096 χ^2/NDF:42828.0/8

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

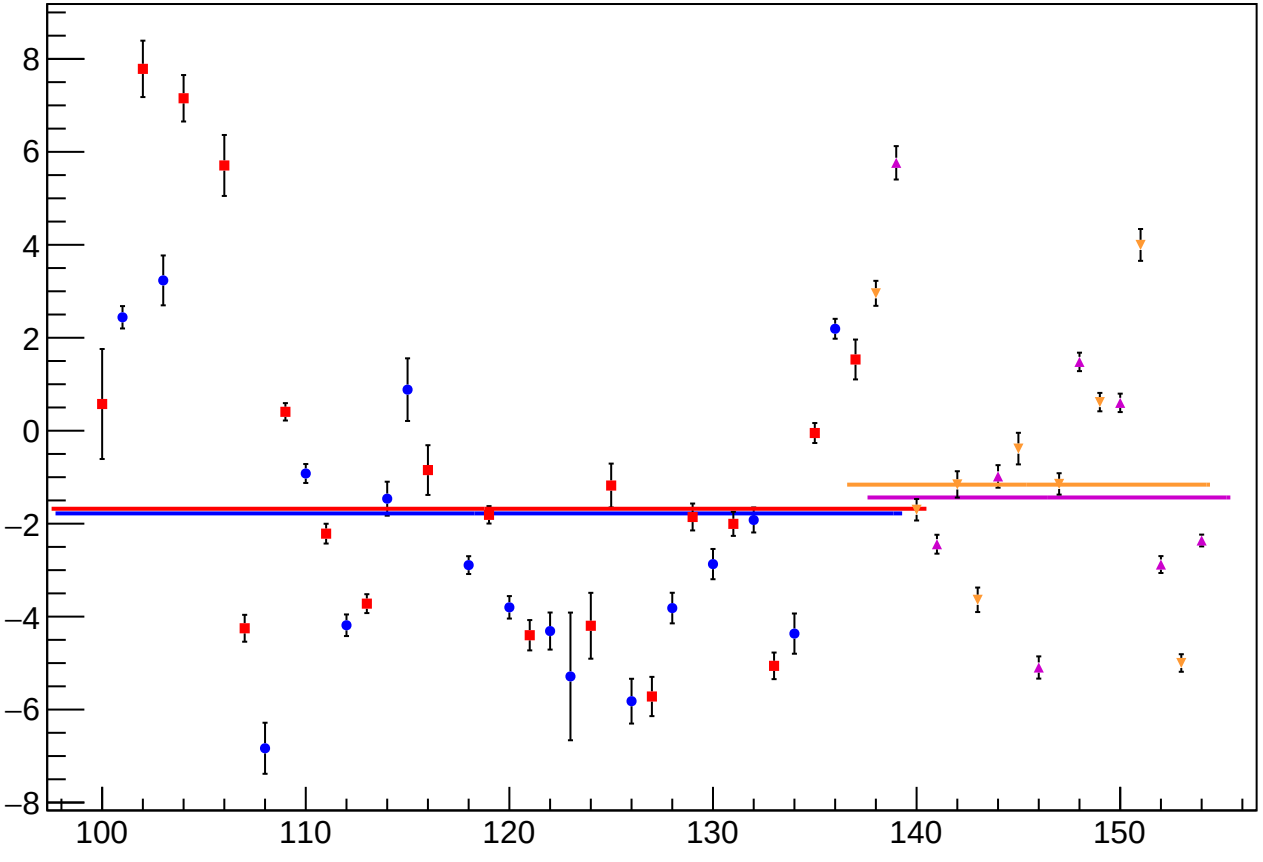
Left In: 20.201+/-0.081 χ^2/NDF:29861.2/7

+ sign 13.441+/-0.073 χ^2/NDF: 75760.9/25

All: 12.360+/-0.048 χ^2/NDF: 137197.7/52

- sign 11.549+/-0.064 χ^2/NDF: 61057.4/26

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -1.160+/-0.082 χ^2/NDF:1052.8/8

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

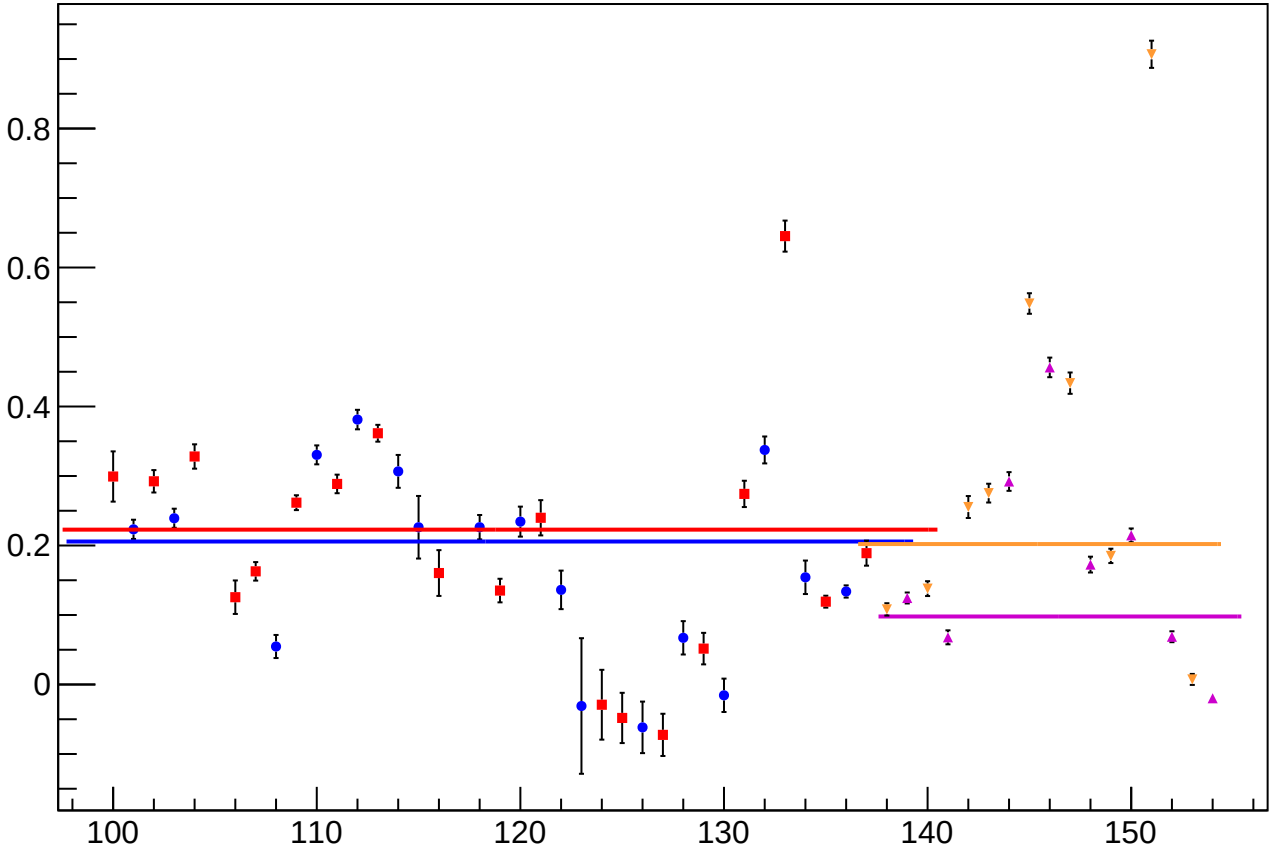
Left In: -1.437+/-0.069 χ^2/NDF:1101.3/7

+ sign -1.508+/-0.054 χ^2/NDF: 2356.9/25

All: -1.537+/-0.036 χ^2/NDF: 4894.5/52

- sign -1.560+/-0.048 χ^2/NDF: 2537.1/26

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.202+/-0.004 χ^2/NDF:2867.1/8

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.098+/-0.003 χ^2/NDF:1577.6/7

+ sign 0.204+/-0.003 χ^2/NDF: 3519.3/25

All: 0.170+/-0.002 χ^2/NDF: 7027.0/52

- sign 0.146+/-0.002 χ^2/NDF: 3269.8/26